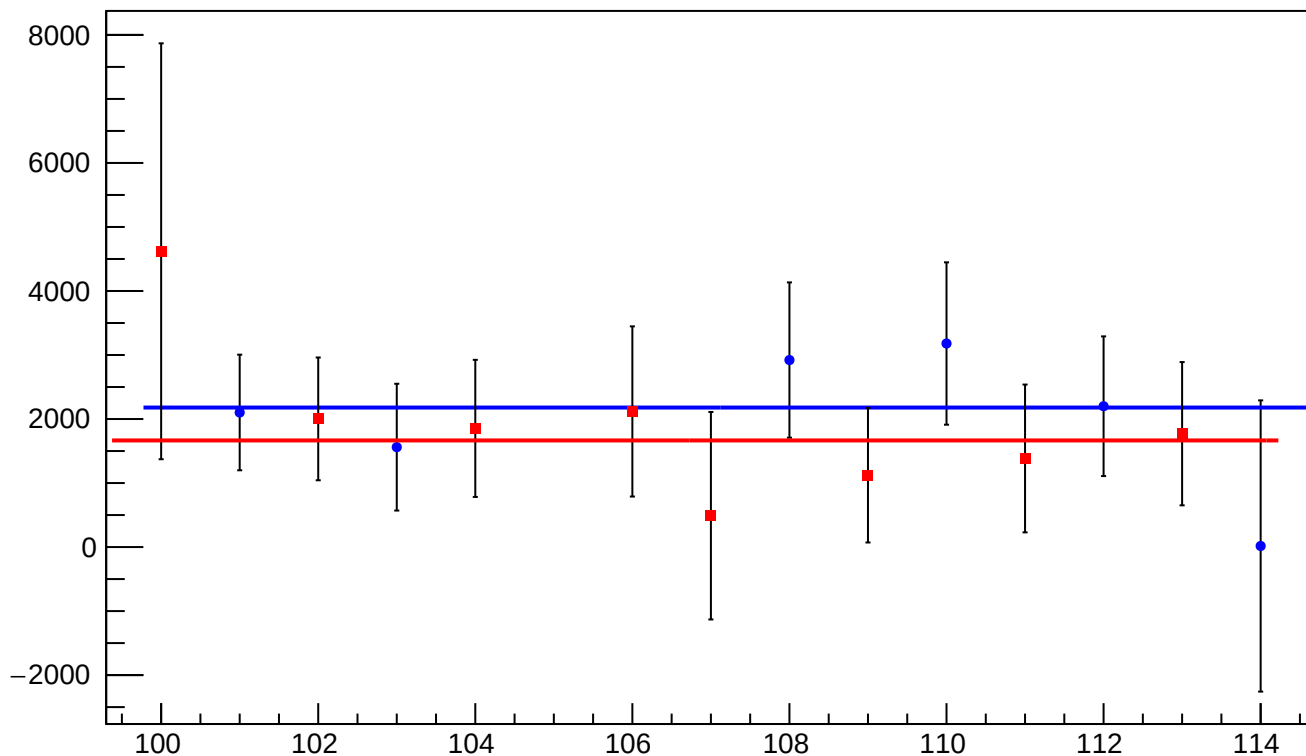


reg_asym_us_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1900.037+/-315.653

χ^2/NDF : 4.9/13

In: 2179.364+/-467.203

χ^2/NDF : 2.3/5

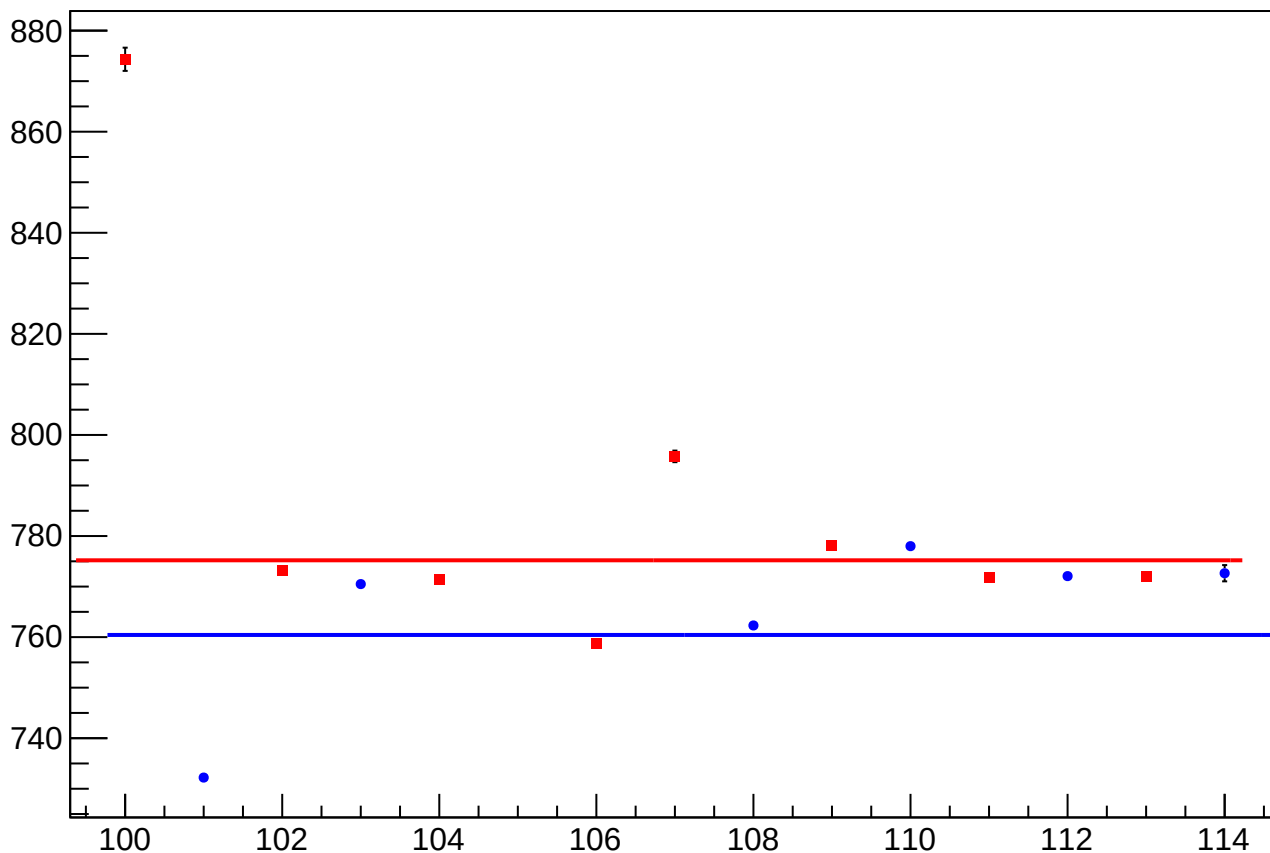
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1900.037+/-315.653

χ^2/NDF : 4.9/13

reg_asym_us_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

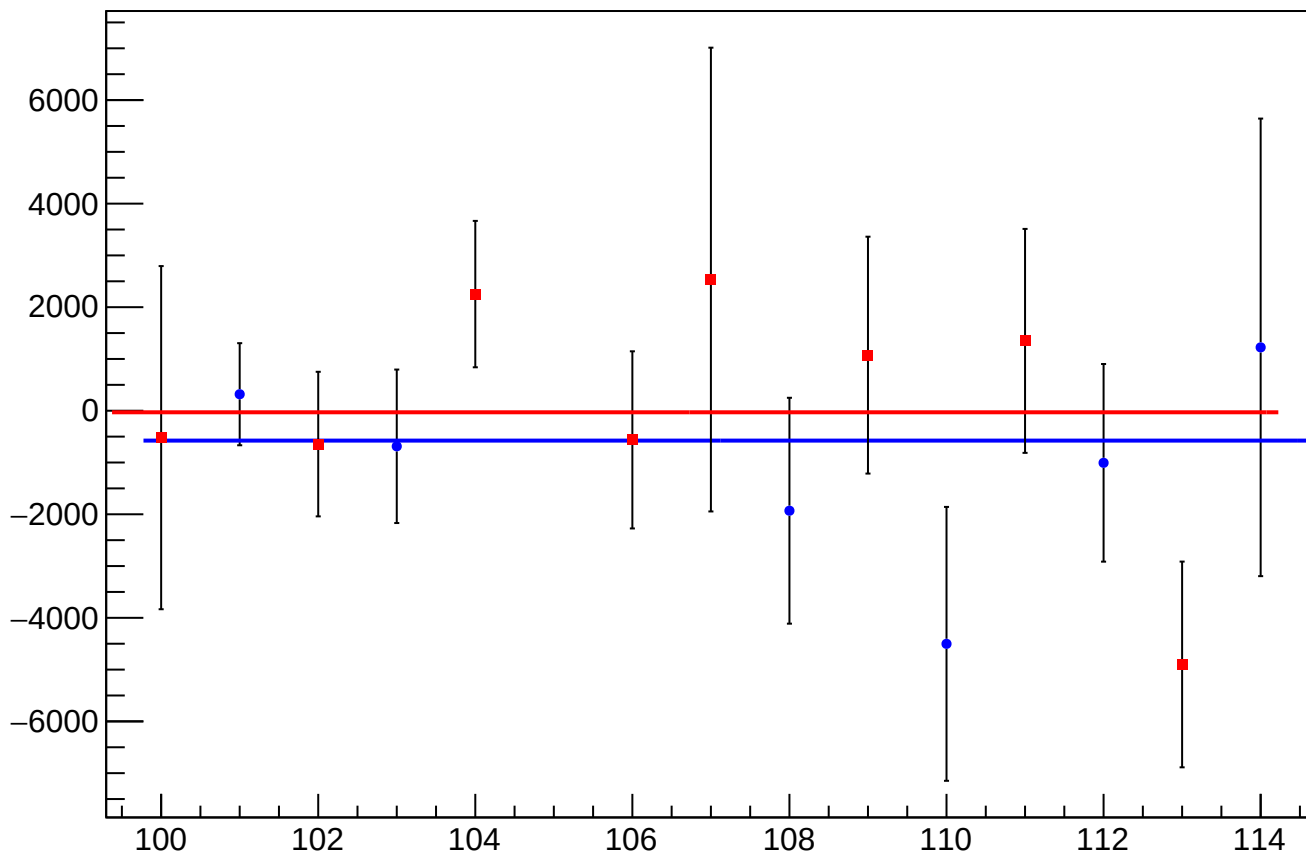
Right: 768.456+/-0.223 χ^2/NDF : 6490.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

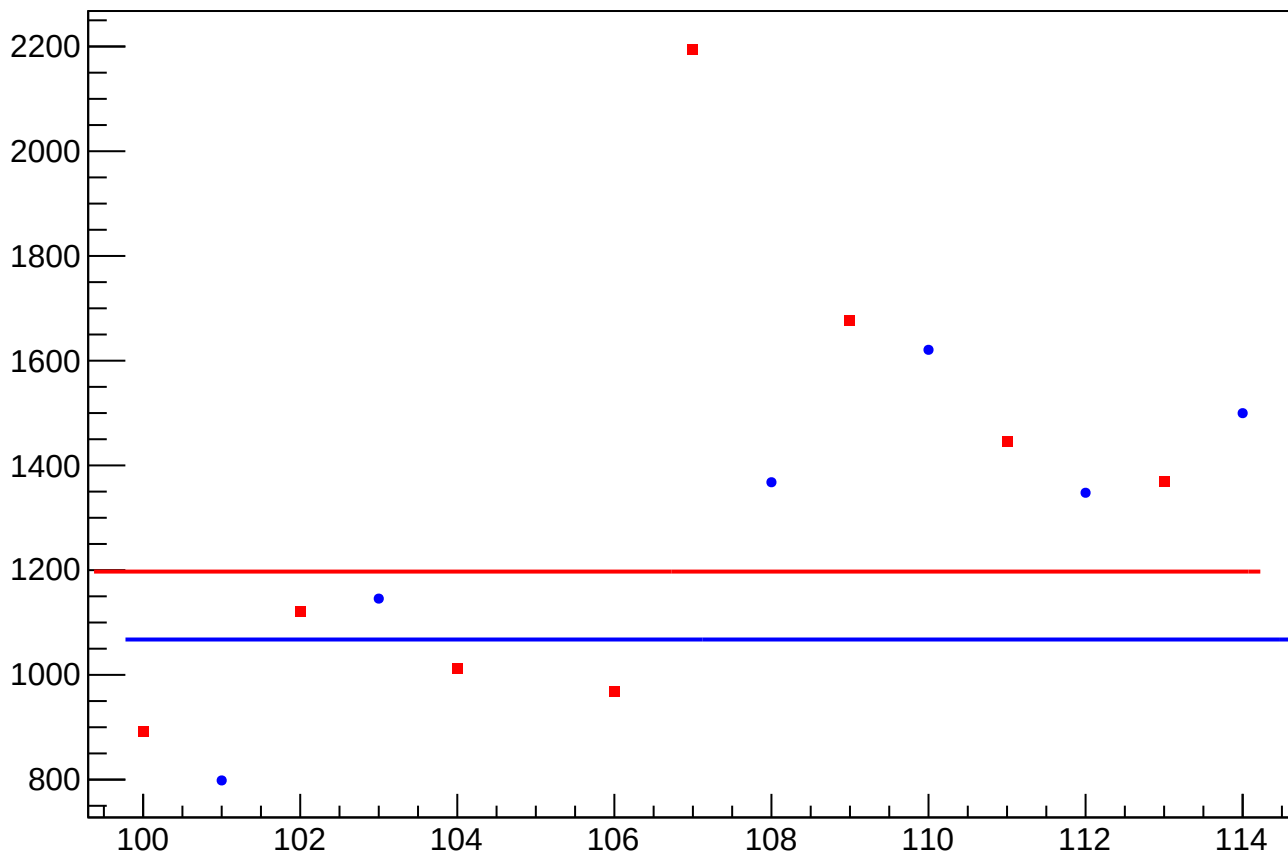
Right: -304.047+/-481.316 χ^2/NDF : 13.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.047+/-481.316 χ^2/NDF : 13.9/13

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

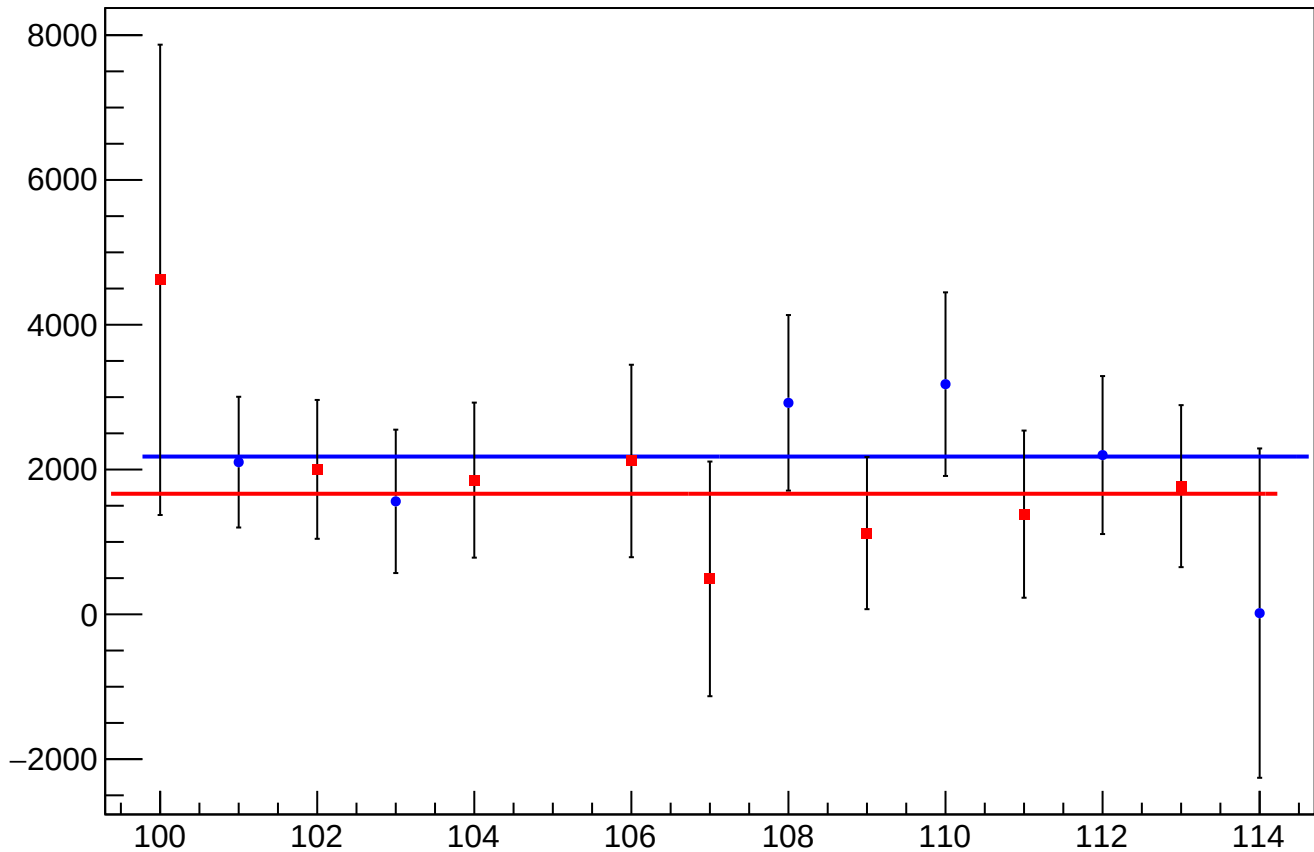
Right: 1132.275+/-0.340 χ^2/NDF : 700004.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_asym_us_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

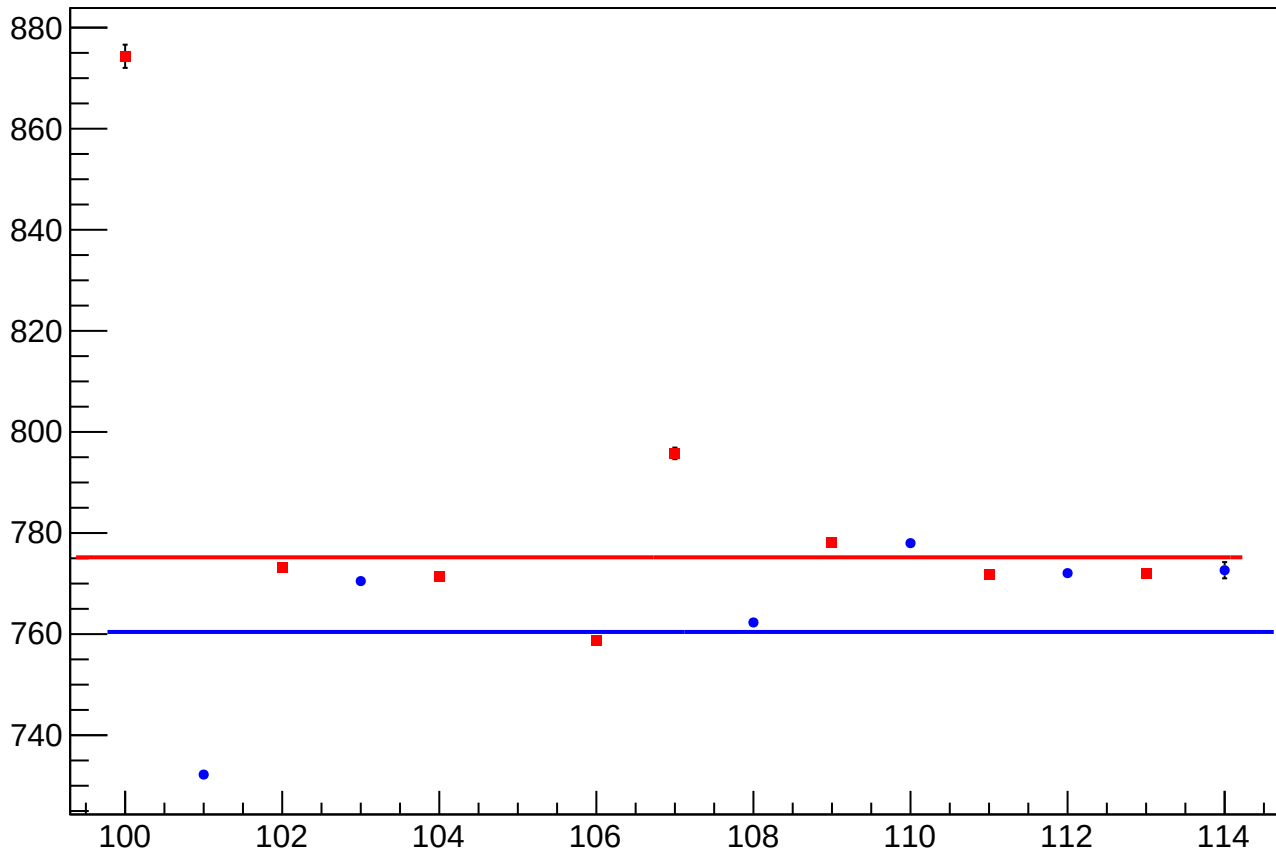
Right: 1900.037+/-315.653 χ^2/NDF : 4.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.037+/-315.653 χ^2/NDF : 4.9/13

cor_asym_us_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

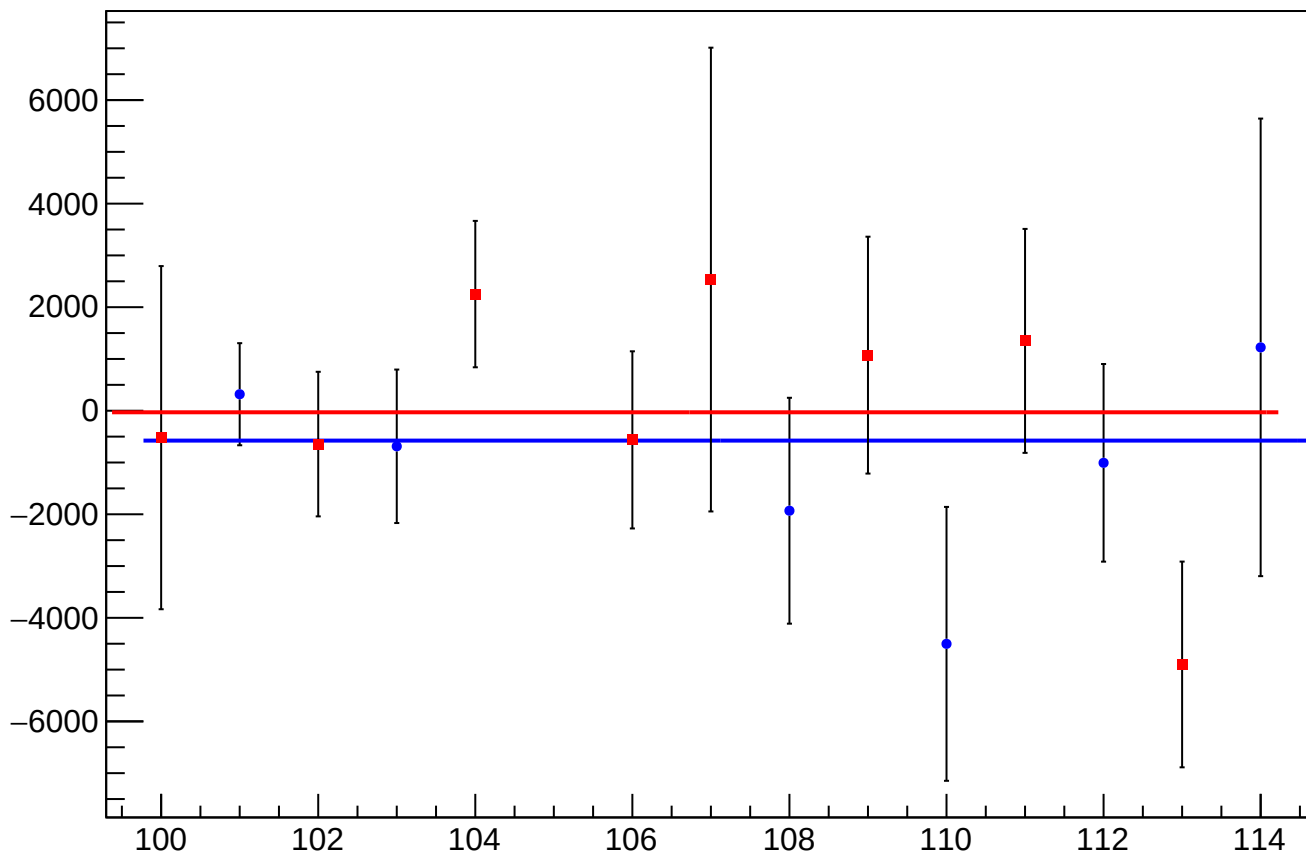
Right: 768.456+/-0.223 χ^2/NDF : 6490.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

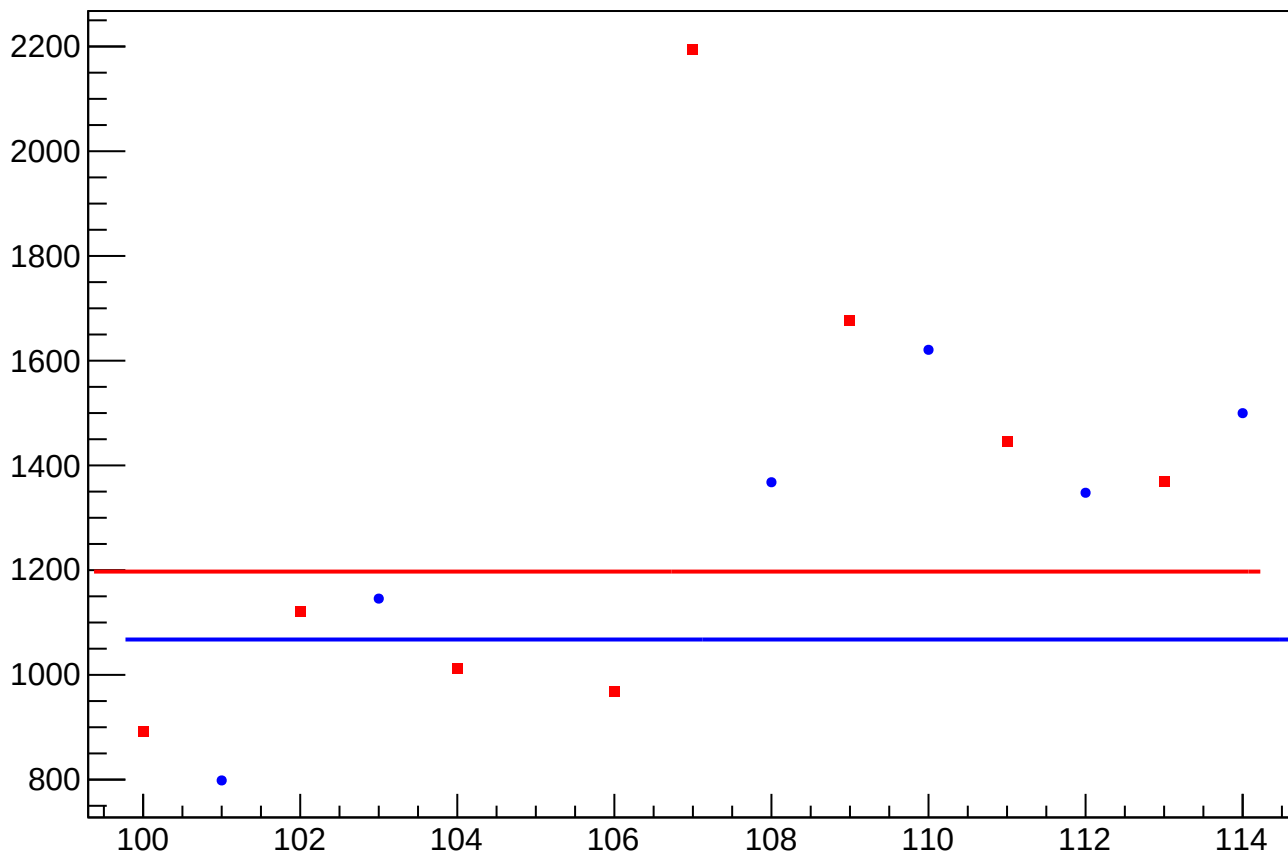
Right: -304.047+/-481.316 χ^2/NDF : 13.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.047+/-481.316 χ^2/NDF : 13.9/13

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

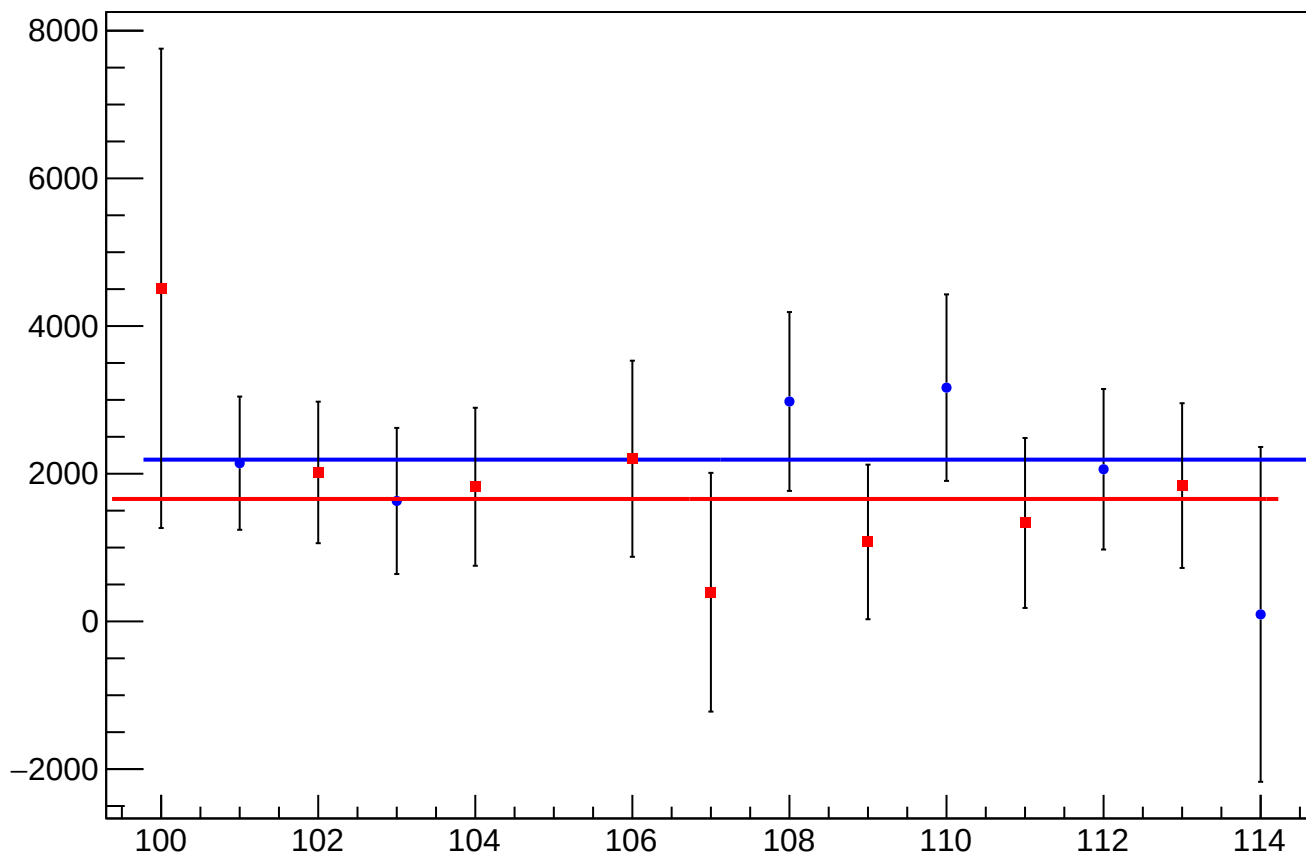
Right: 1132.275+/-0.340 χ^2/NDF : 700004.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2190.751+/-466.267 χ^2/NDF : 2.2/5

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

Right Out: 1658.327+/-427.257 χ^2/NDF : 2.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

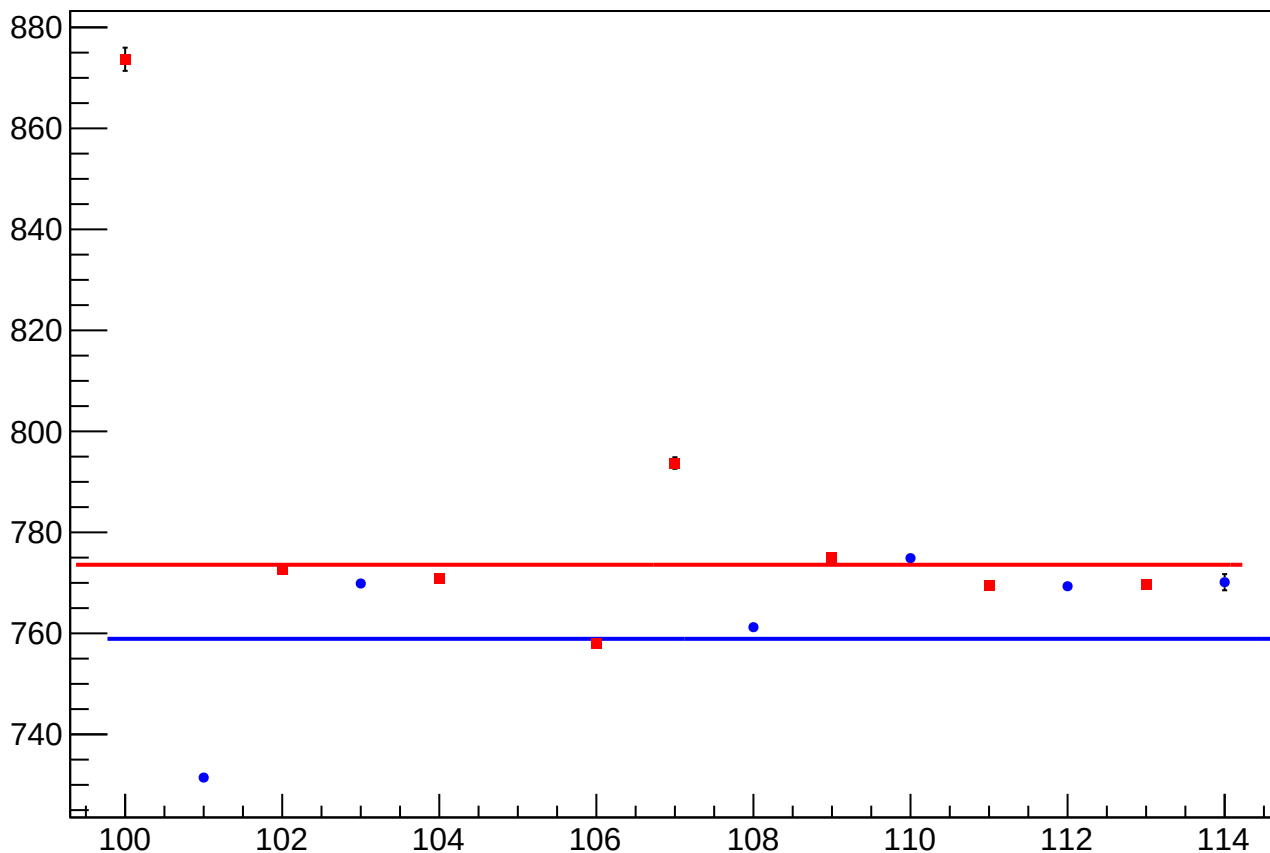
Right: 1901.338+/-315.006 χ^2/NDF : 5.1/13

In: 2190.751+/-466.267 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.338+/-315.006 χ^2/NDF : 5.1/13

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 758.919+/-0.330 χ^2/NDF : 2660.5/5

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

Right Out: 773.584+/-0.302 χ^2/NDF : 2553.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

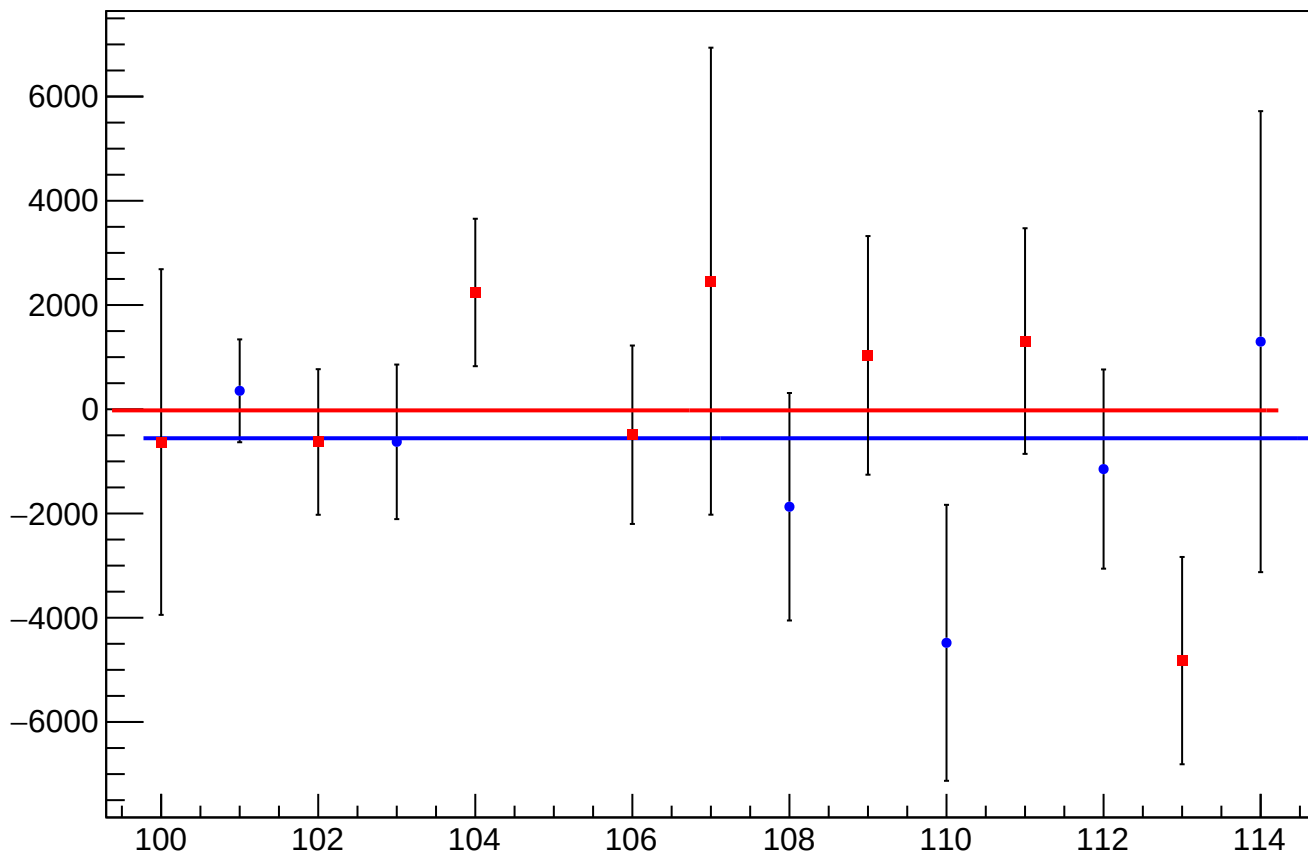
Right: 766.891+/-0.223 χ^2/NDF : 6289.7/13

In: 758.919+/-0.330 χ^2/NDF : 2660.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.891+/-0.223 χ^2/NDF : 6289.7/13

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

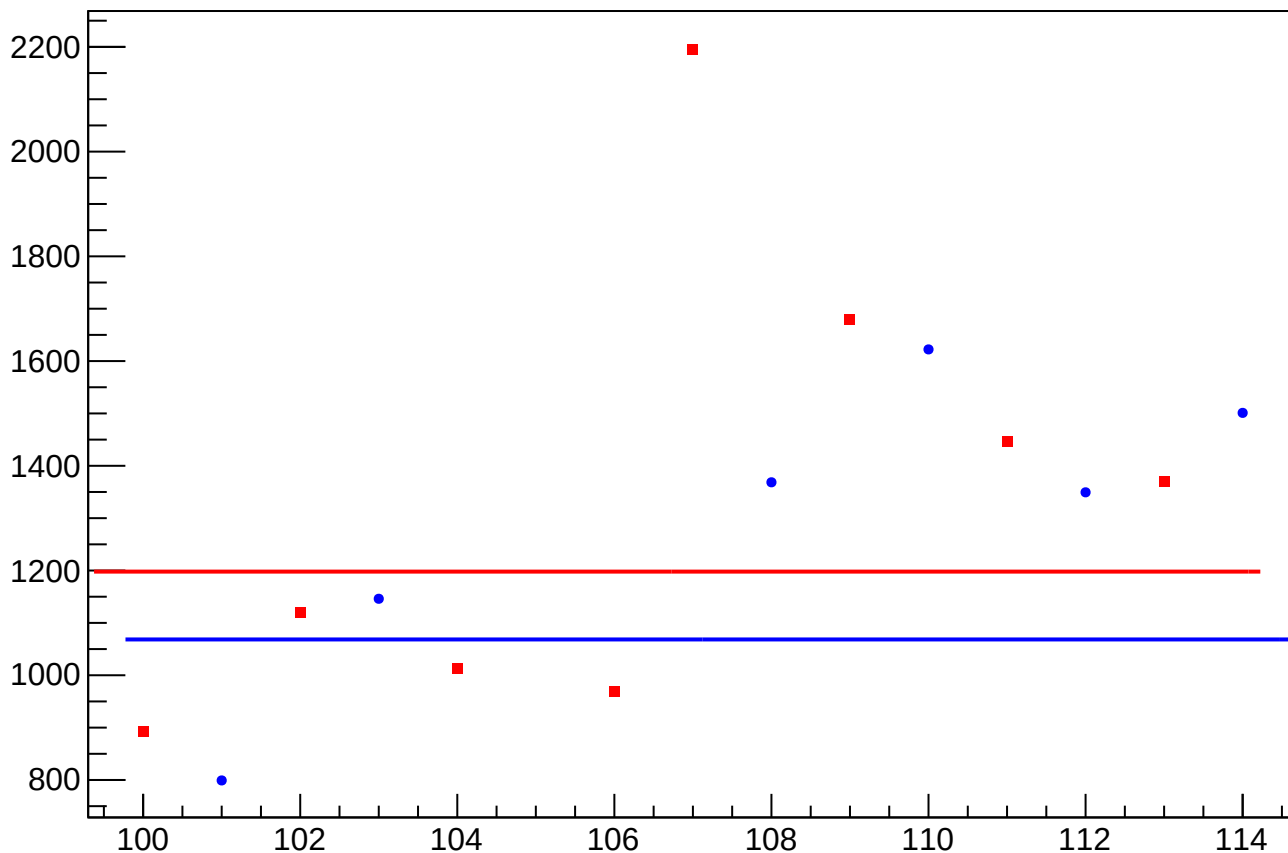
Right: -289.388+/-481.642 χ^2/NDF : 13.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.388+/-481.642 χ^2/NDF : 13.6/13

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

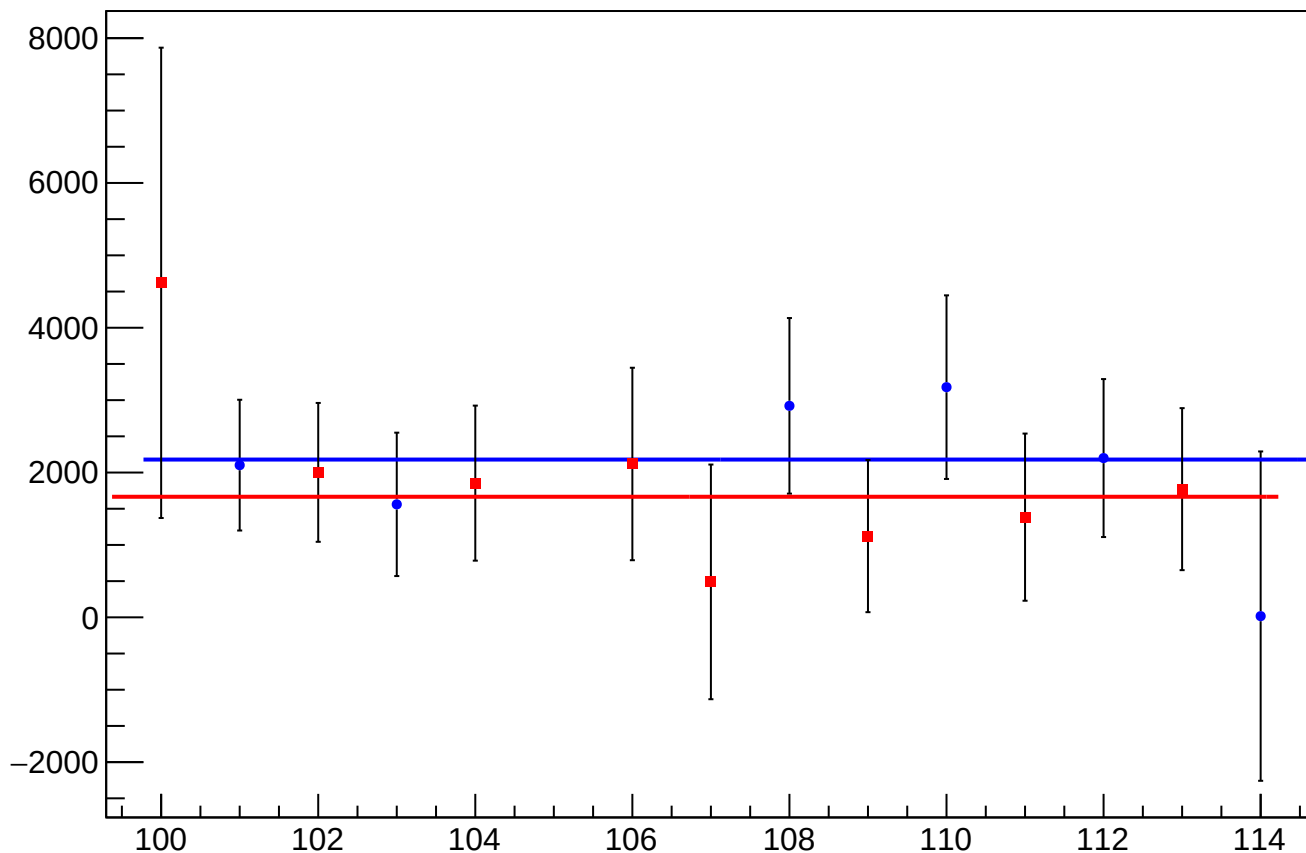
Right: 1133.045+/-0.341 χ^2/NDF : 700039.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

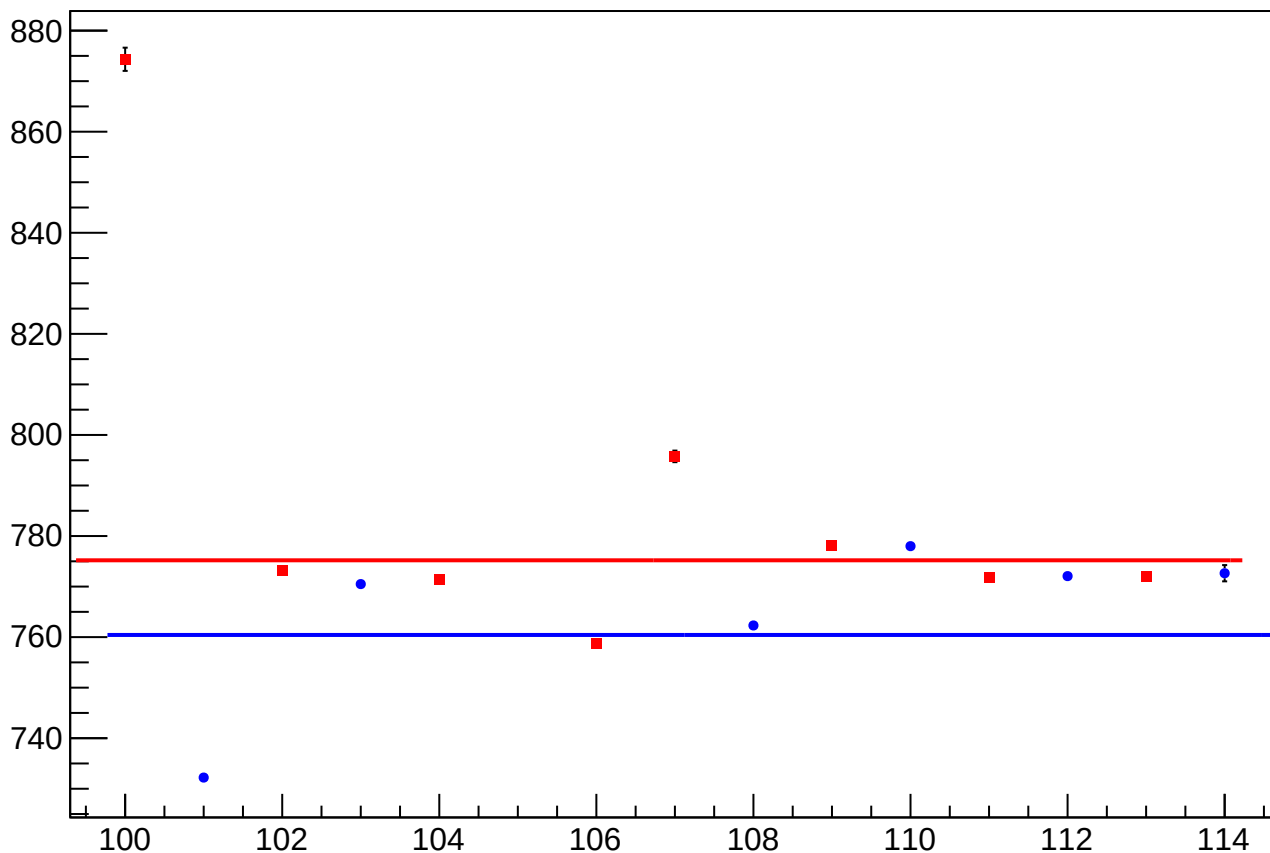
Right: 1900.037+/-315.653 χ^2/NDF : 4.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.037+/-315.653 χ^2/NDF : 4.9/13

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

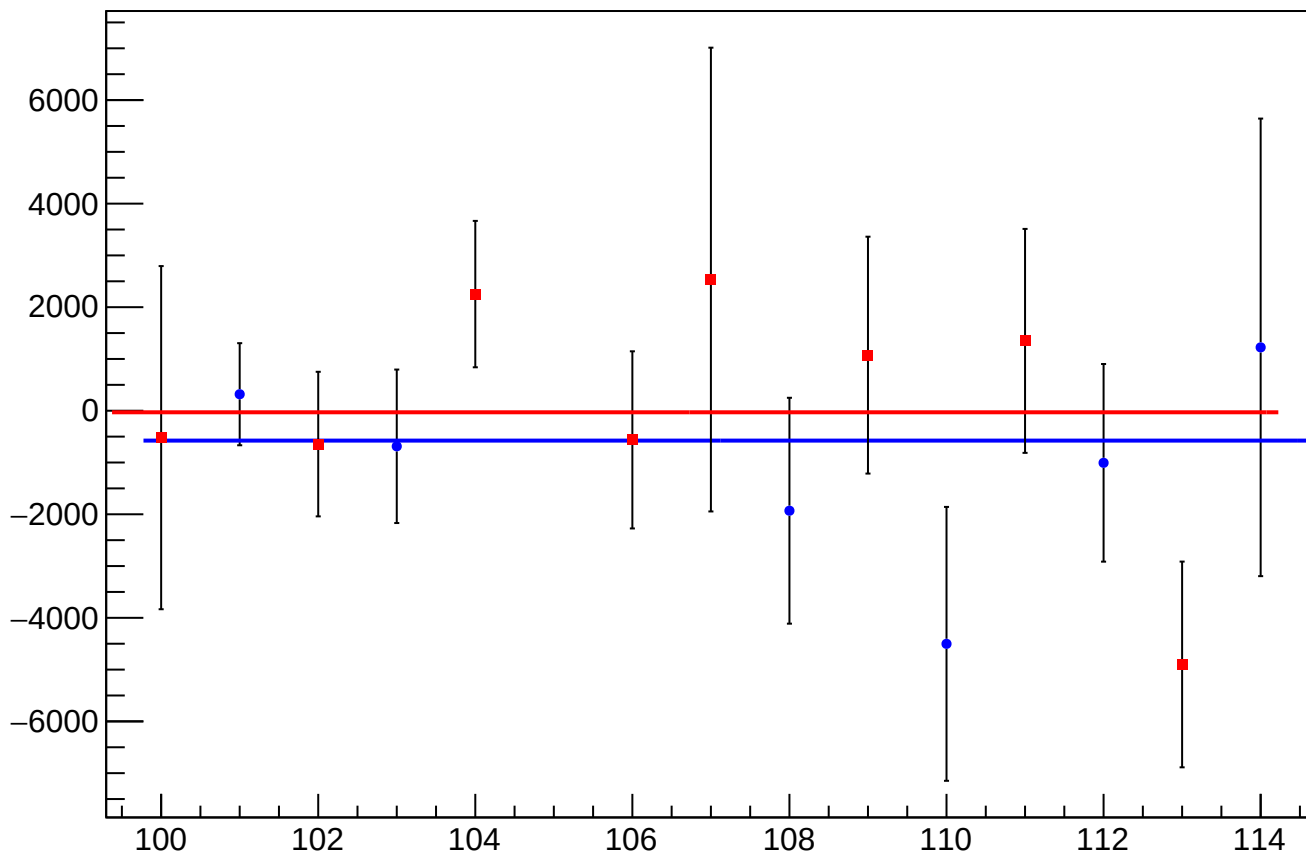
Right: 768.456+/-0.223 χ^2/NDF : 6490.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

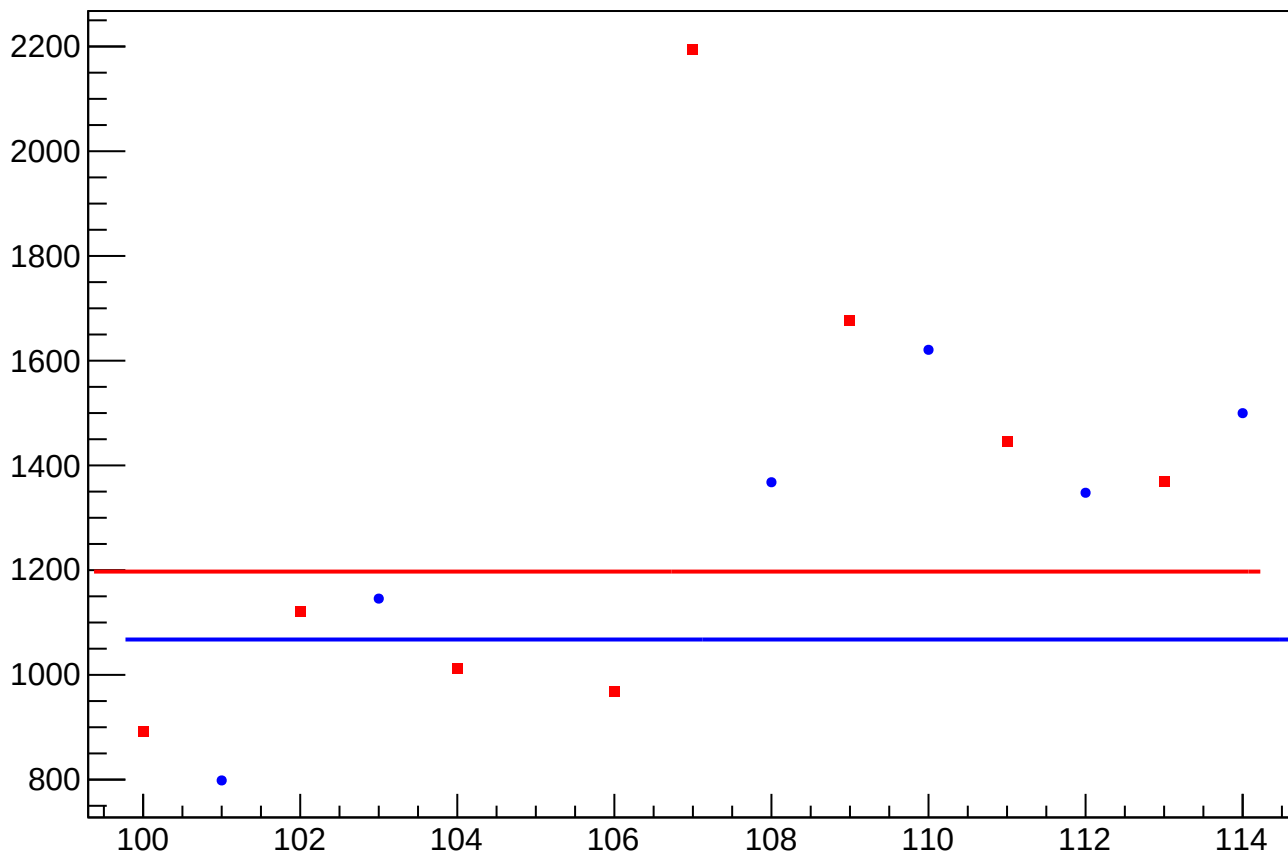
Right: -304.047+/-481.316 χ^2/NDF : 13.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.047+/-481.316 χ^2/NDF : 13.9/13

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

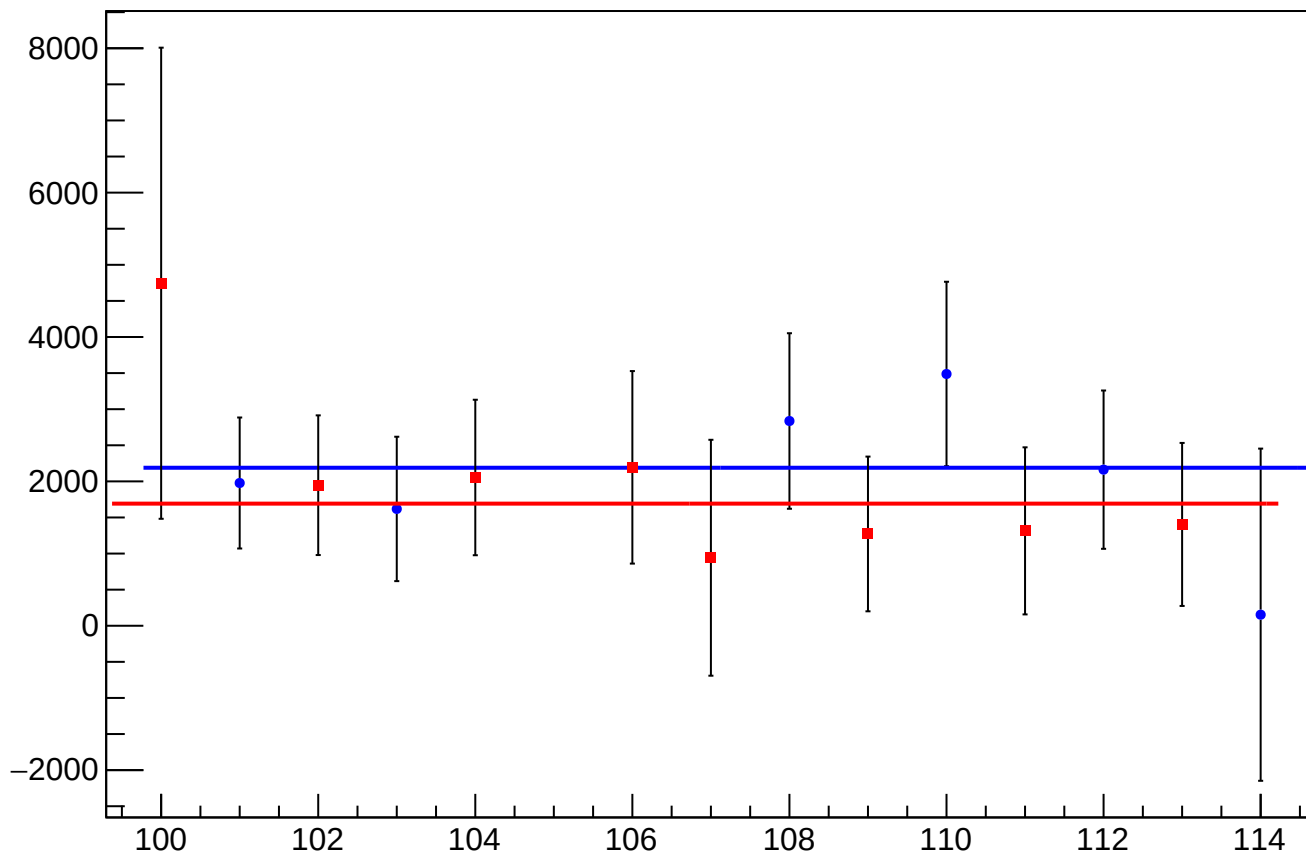
Right: 1132.275+/-0.340 χ^2/NDF : 700004.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_us_avg_mean vs Slug, Sign Corrected



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

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

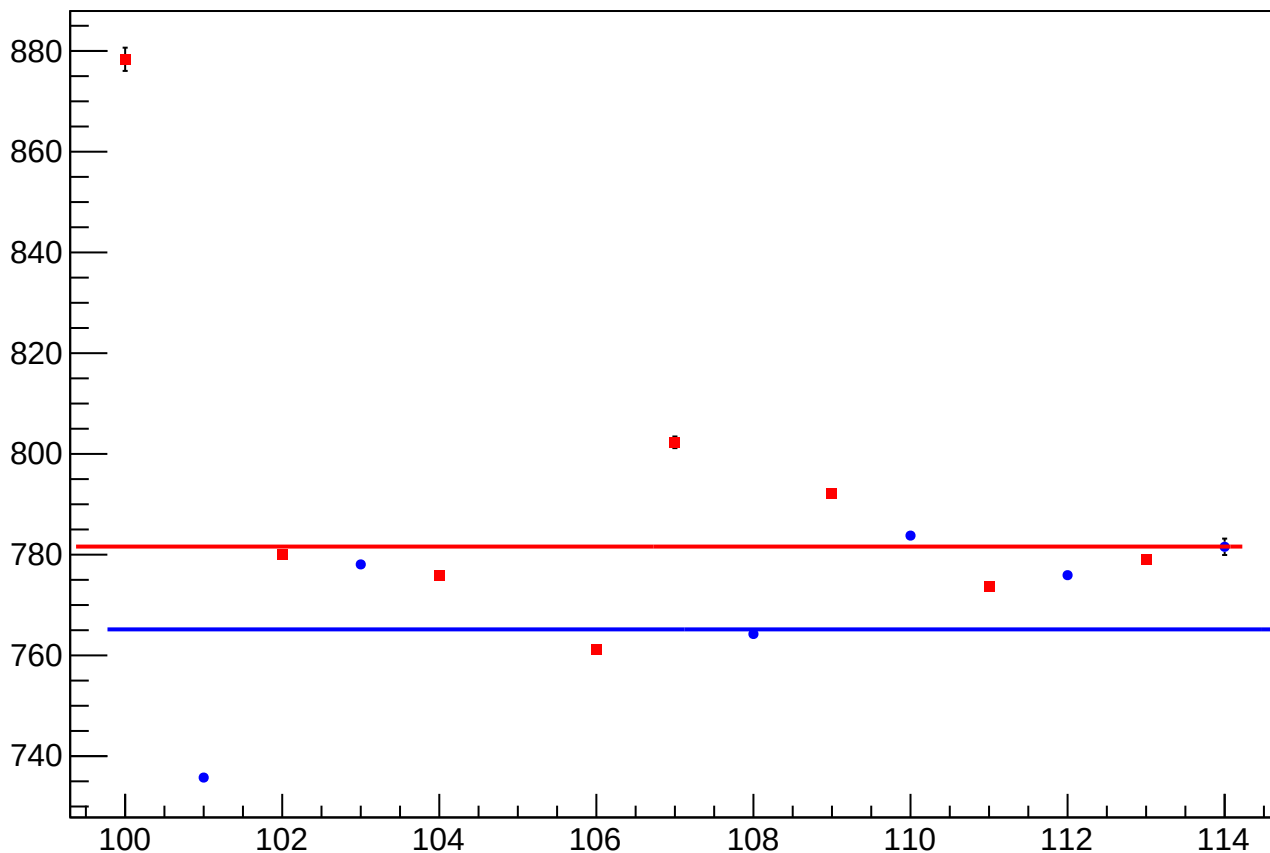
Right: 1919.212 $\pm$ 318.025 χ^2 /NDF: 4.8/13

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

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

All: 1919.212 $\pm$ 318.025 χ^2 /NDF: 4.8/13

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 765.164 ± 0.332 χ^2/NDF : 3155.2/5

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

Right Out: 781.606 ± 0.305 χ^2/NDF : 2907.3/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

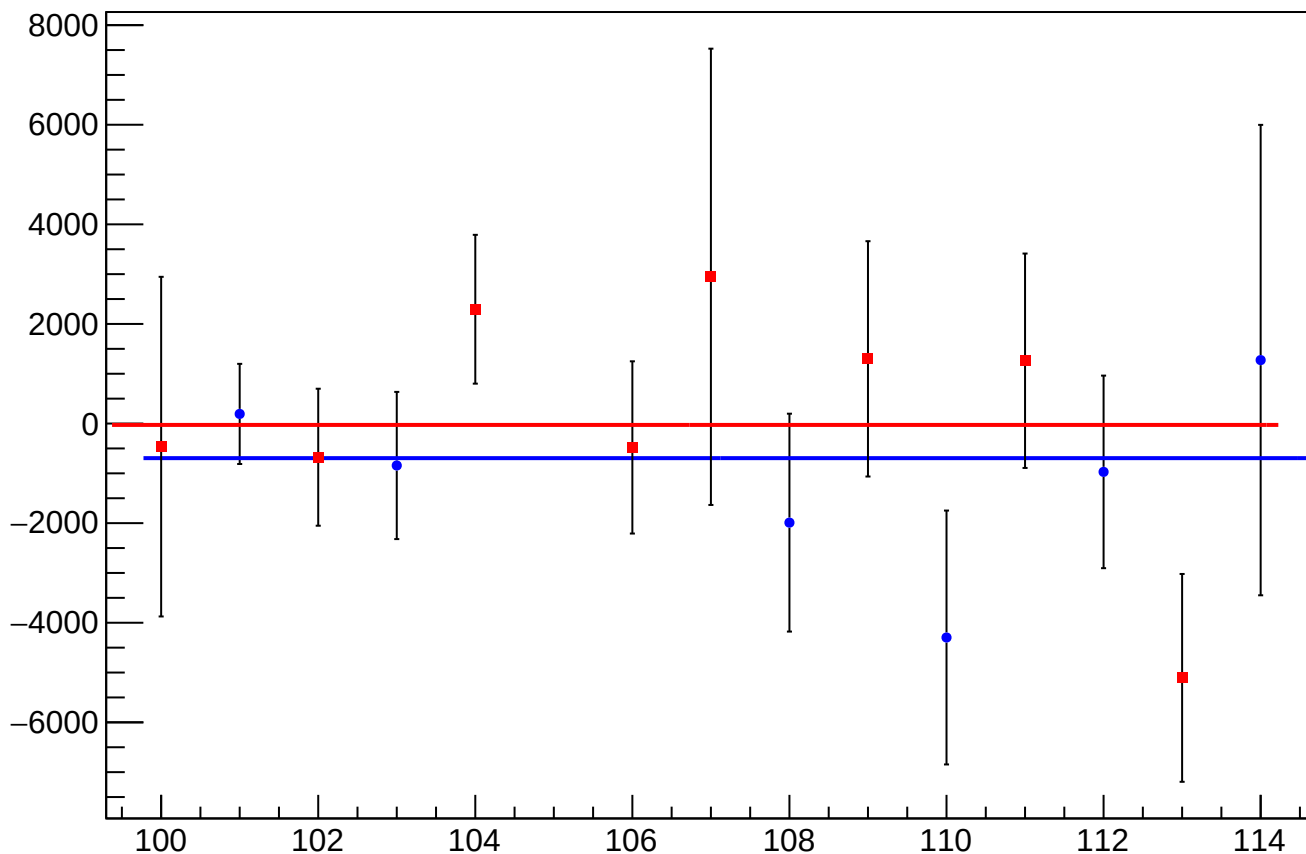
Right: 774.083 ± 0.225 χ^2/NDF : 7389.4/13

In: 765.164 ± 0.332 χ^2/NDF : 3155.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 774.083 ± 0.225 χ^2/NDF : 7389.4/13

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

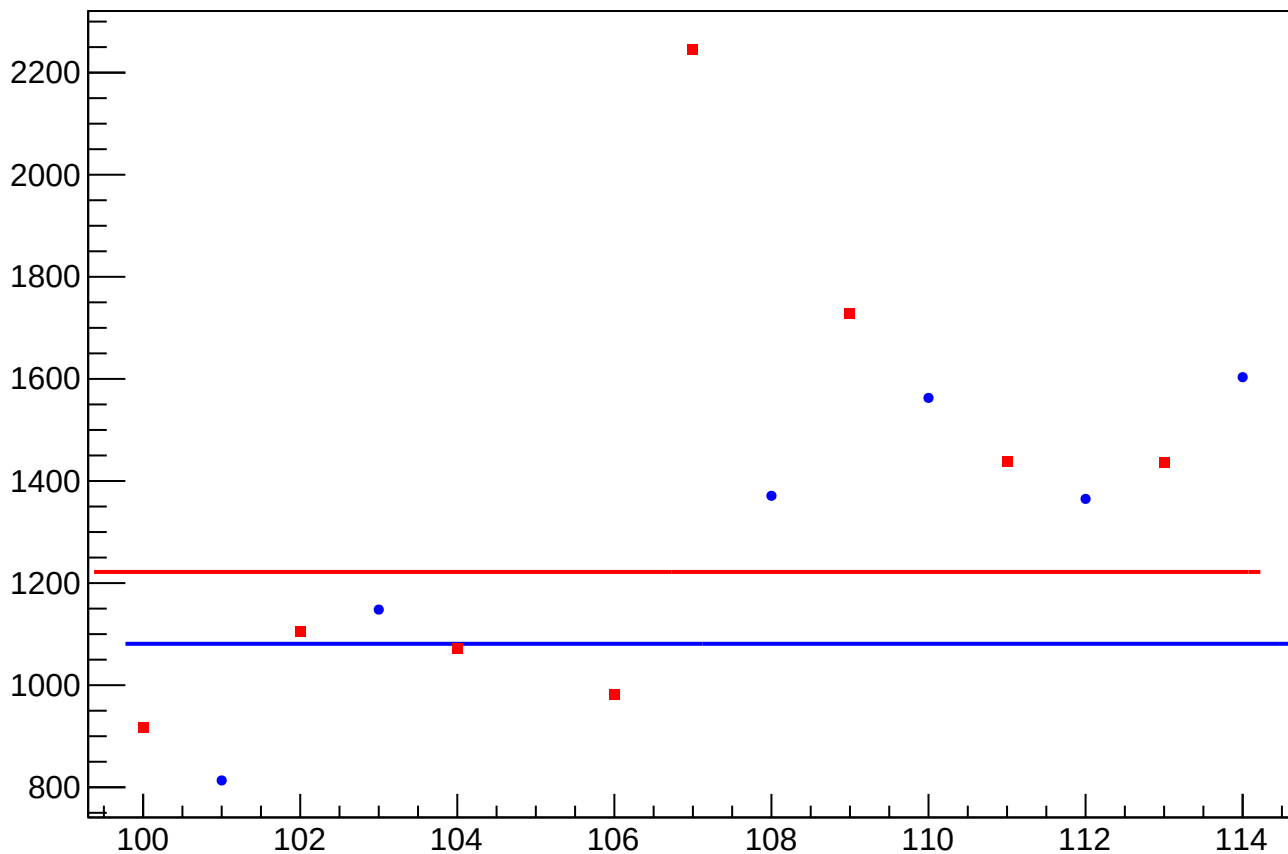
Right: -365.427+/-488.446 χ^2/NDF : 13.5/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.427+/-488.446 χ^2/NDF : 13.5/13

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

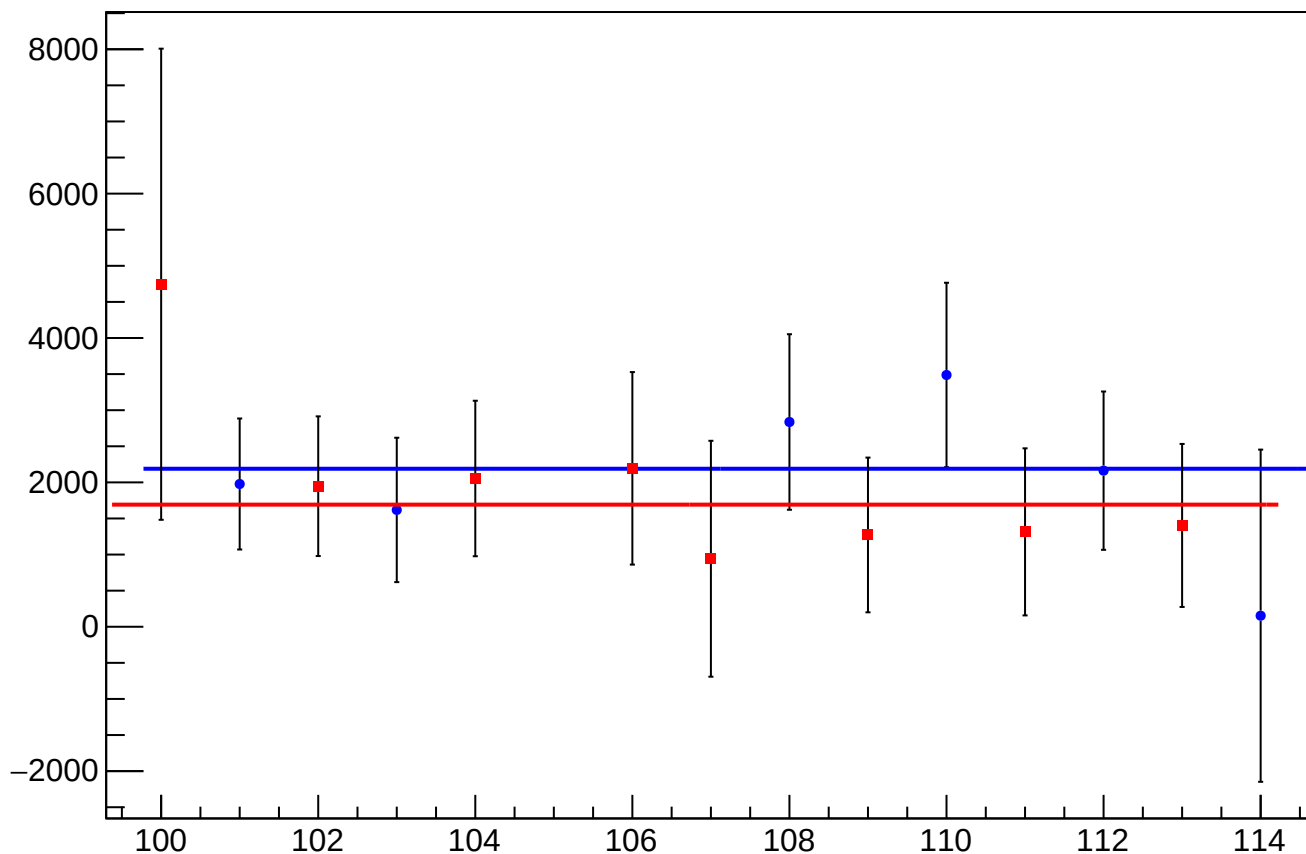
Right: 1150.576+/-0.345 χ^2/NDF : 683603.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2188.848+/-470.148 χ^2/NDF : 2.5/5

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

Right Out: 1691.765+/-431.804 χ^2/NDF : 1.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

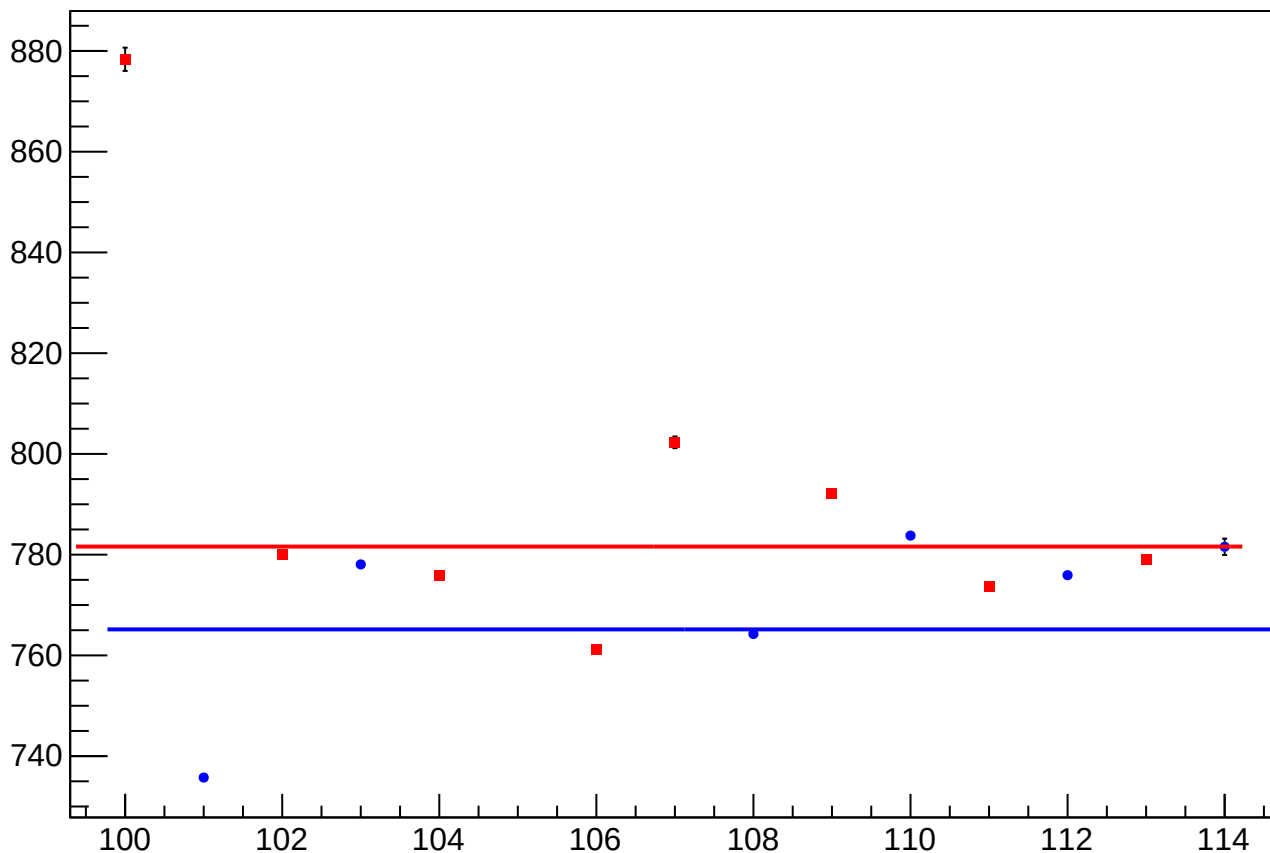
Right: 1919.212+/-318.025 χ^2/NDF : 4.8/13

In: 2188.848+/-470.148 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.212+/-318.025 χ^2/NDF : 4.8/13

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 765.164+/-0.332 χ^2/NDF : 3155.3/5

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

Right Out: 781.606+/-0.305 χ^2/NDF : 2907.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

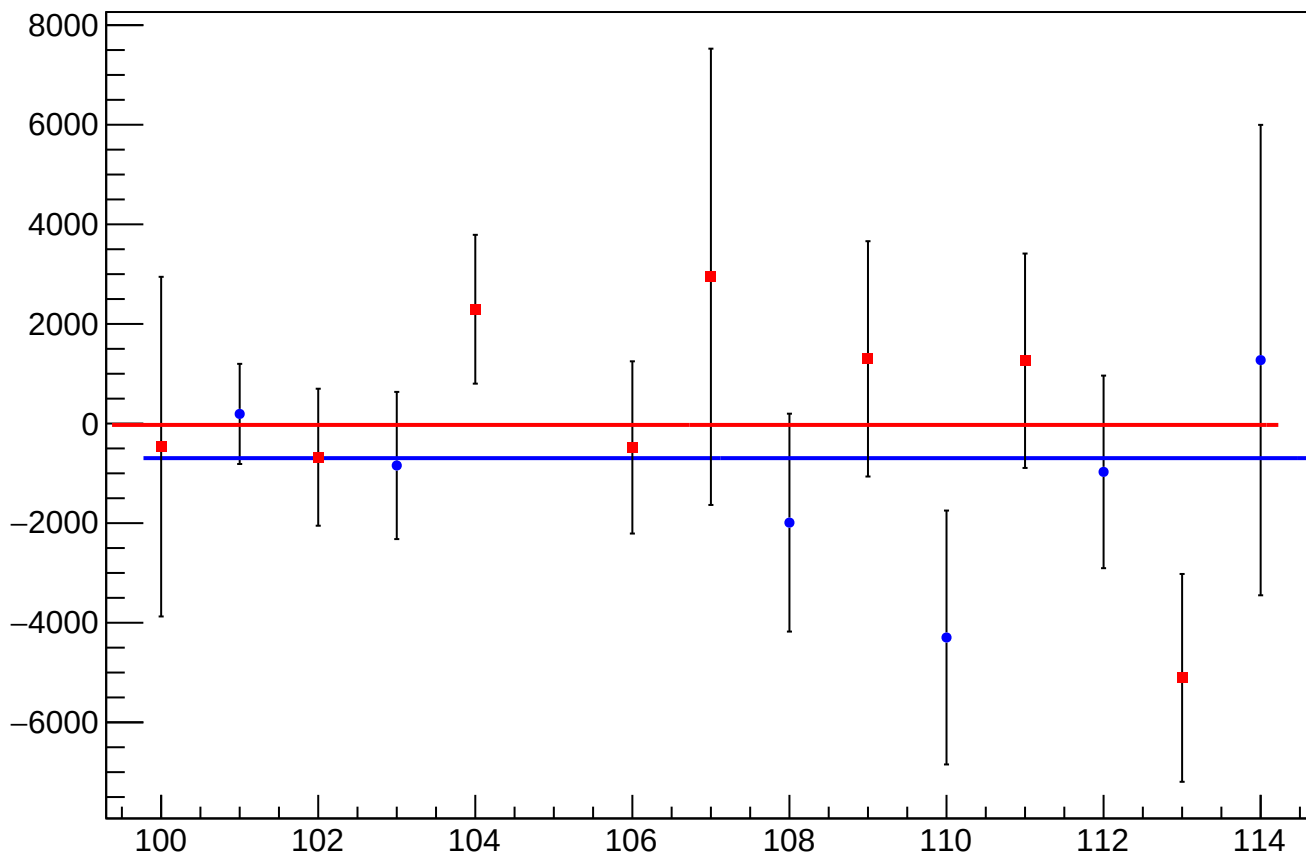
Right: 774.083+/-0.225 χ^2/NDF : 7389.3/13

In: 765.164+/-0.332 χ^2/NDF : 3155.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.083+/-0.225 χ^2/NDF : 7389.3/13

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

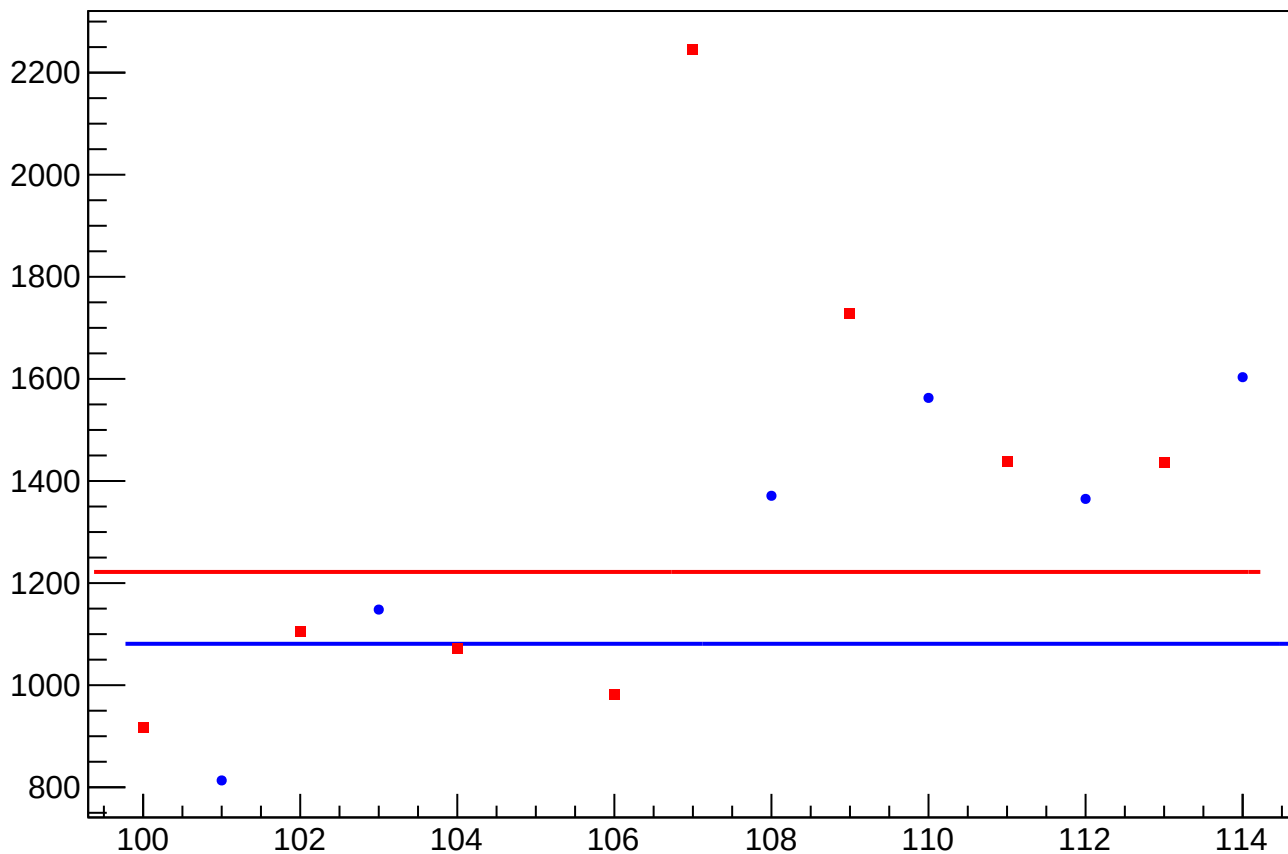
Right: -365.427+/-488.445 χ^2/NDF : 13.5/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.427+/-488.445 χ^2/NDF : 13.5/13

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

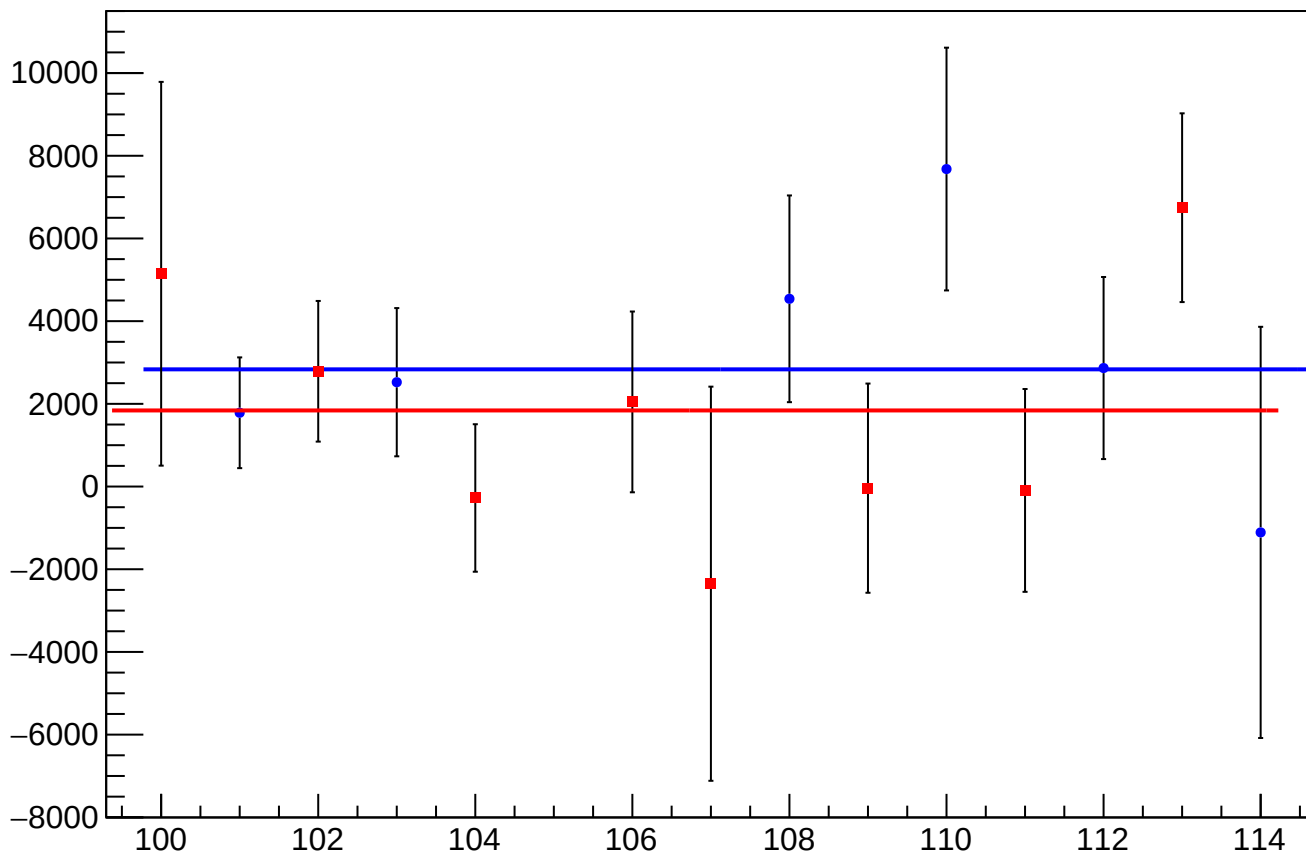
Right: 1150.574+/-0.345 χ^2/NDF : 683599.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2834.407+/-847.730 χ^2/NDF : 4.5/5

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

Right Out: 1840.483+/-823.634 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

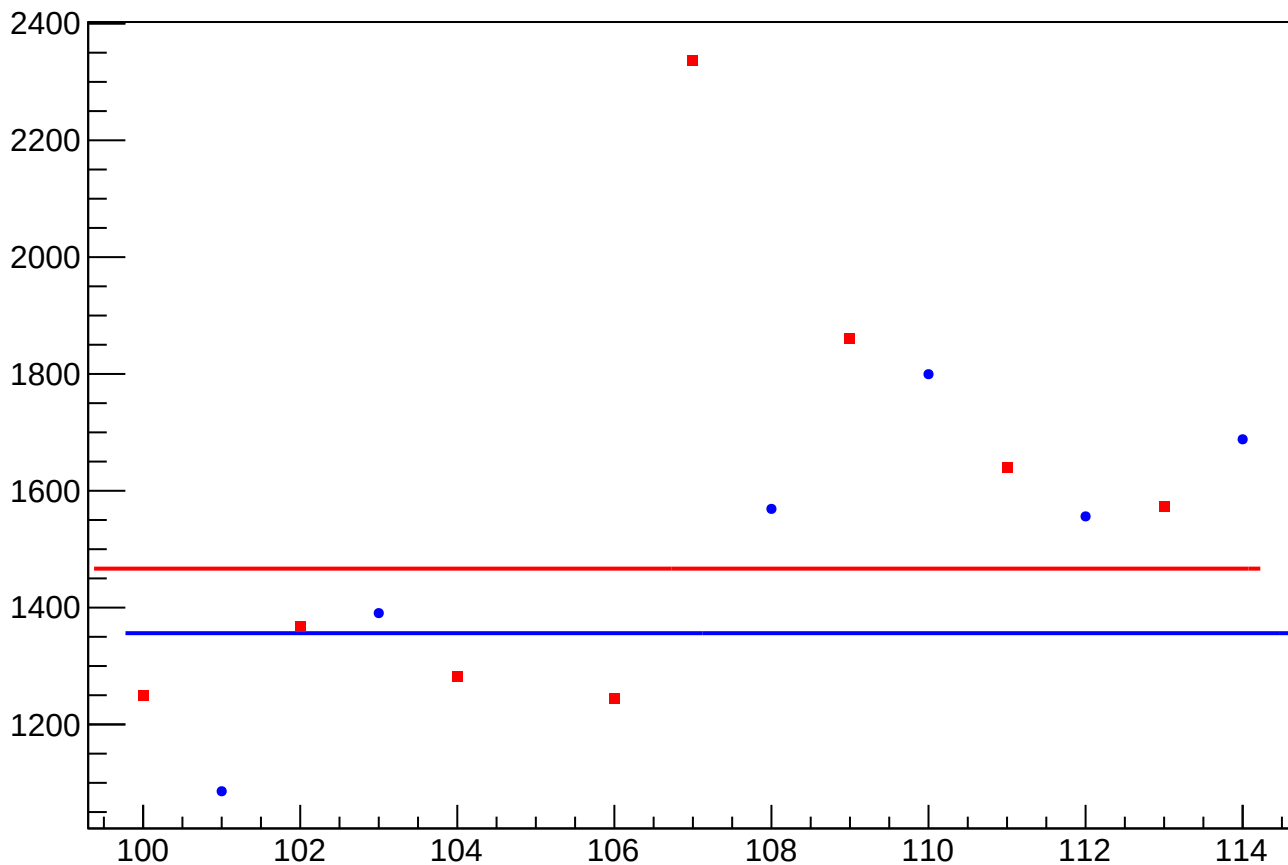
Right: 2323.119+/-590.732 χ^2/NDF : 14.0/13

In: 2834.407+/-847.730 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2323.119+/-590.732 χ^2/NDF : 14.0/13

asym_us_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

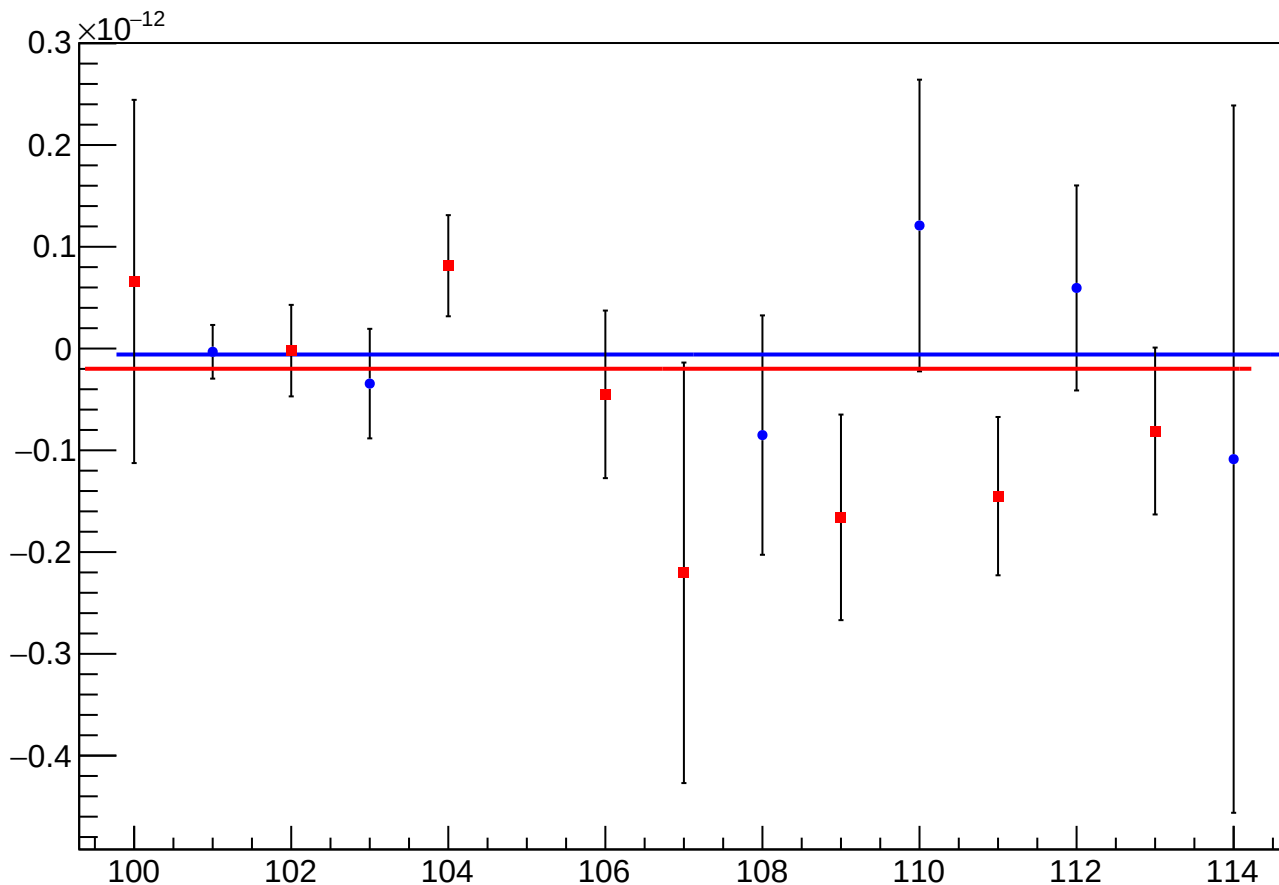
Right: 1413.071+/-0.418 χ^2/NDF : 368010.2/13

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

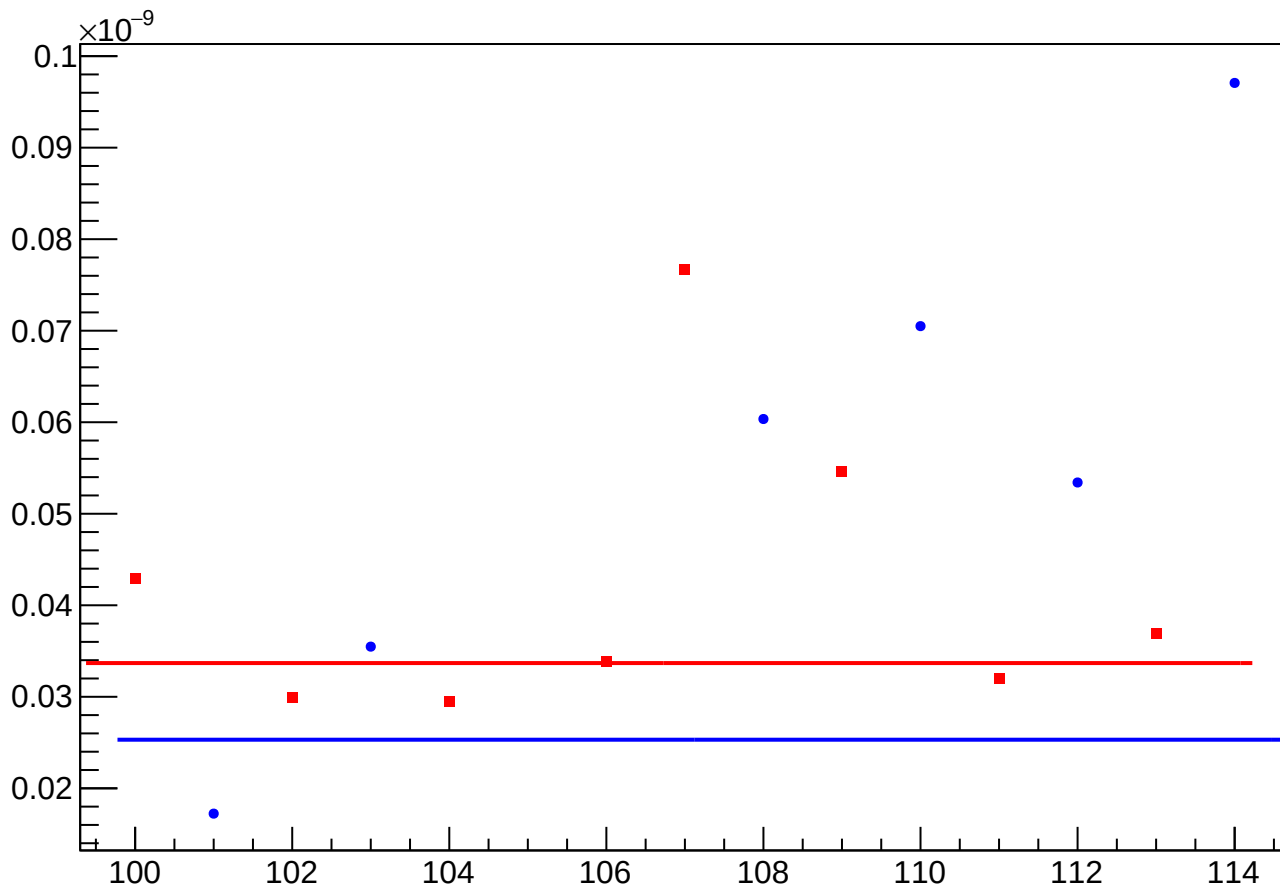
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

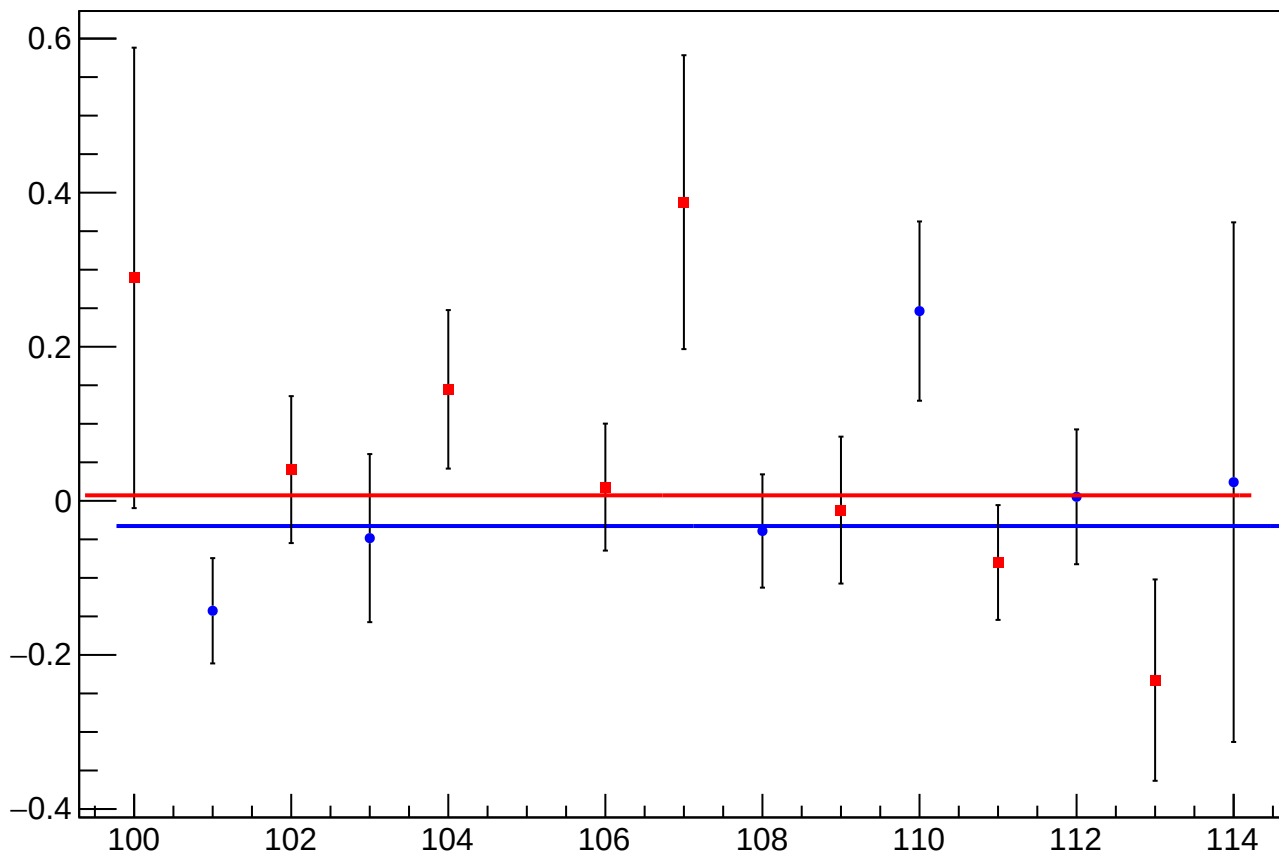
Right: 0.000+/-0.000 χ^2/NDF : 1207420.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

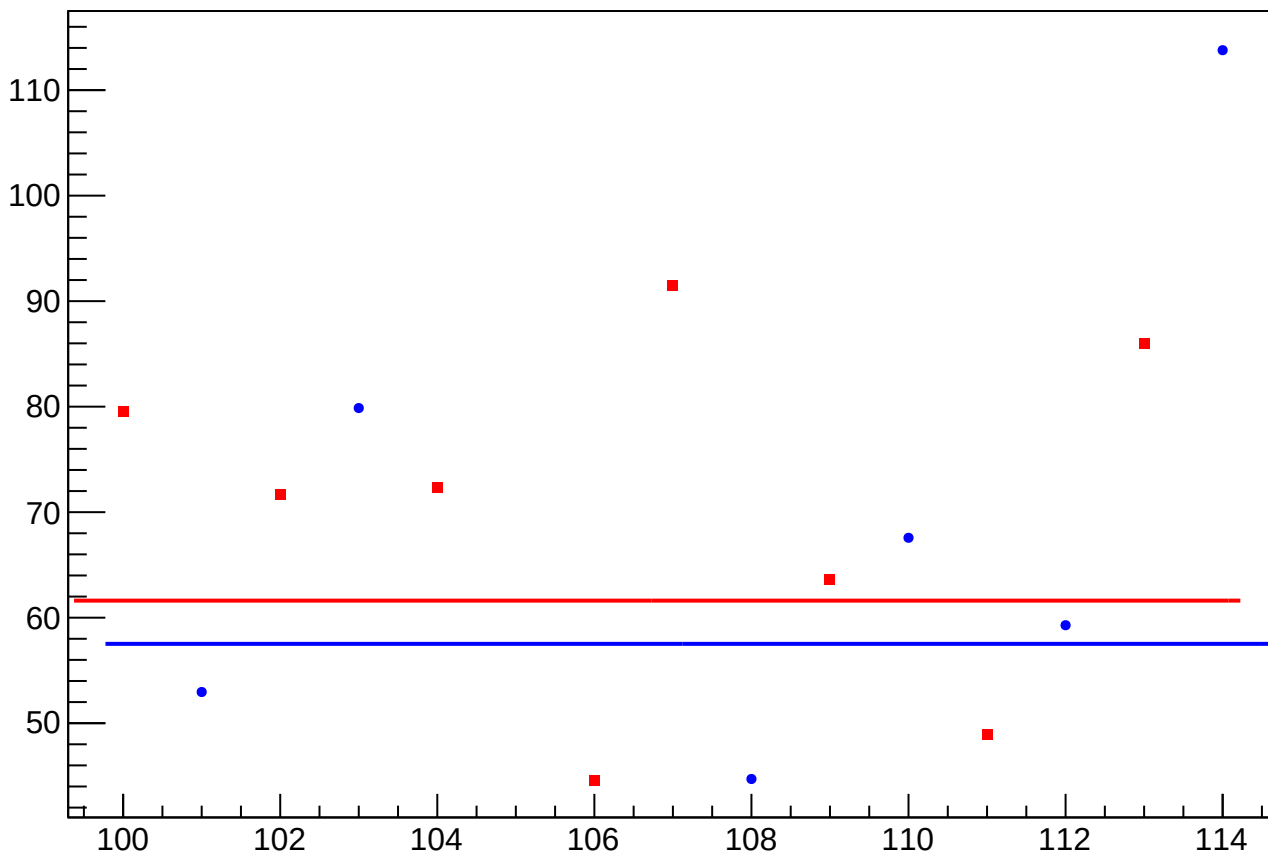
Right: -0.012 $\pm$ 0.026 χ^2 /NDF: 20.7/13

In: -0.033 $\pm$ 0.038 χ^2 /NDF:8.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.026 χ^2 /NDF: 20.7/13

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

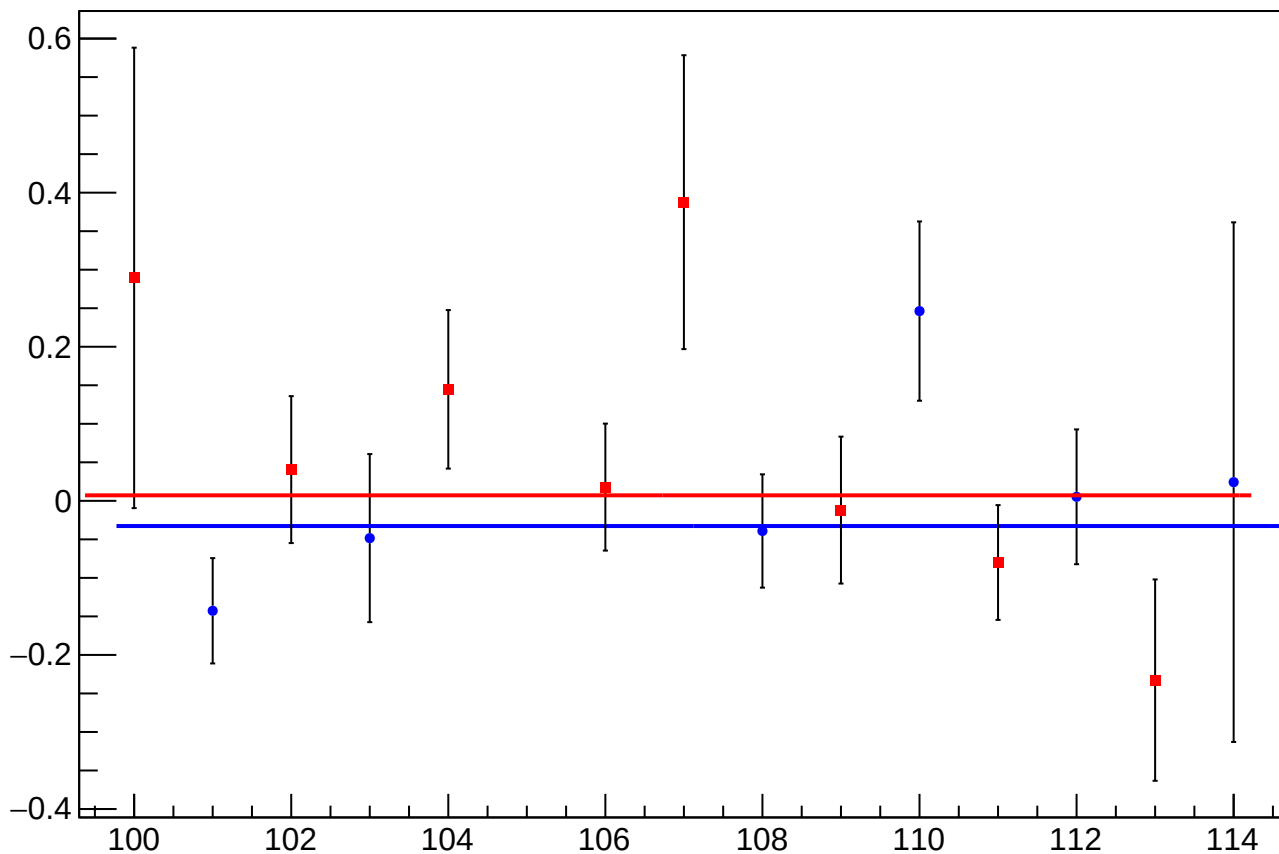
Right: 59.629+/-0.019 χ^2/NDF : 550881.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

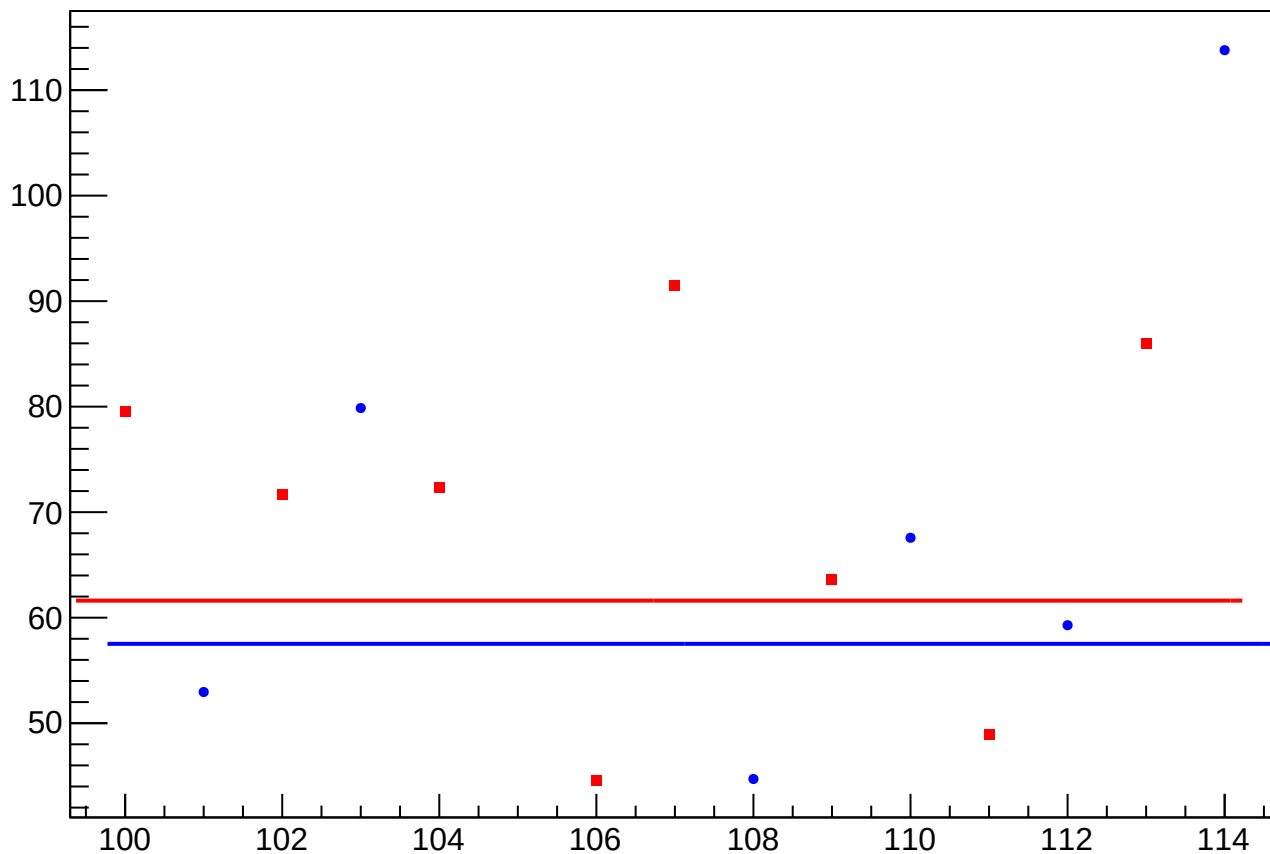
Right: -0.012 $\pm$ 0.026 χ^2 /NDF: 20.7/13

In: -0.033 $\pm$ 0.038 χ^2 /NDF:8.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.026 χ^2 /NDF: 20.7/13

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

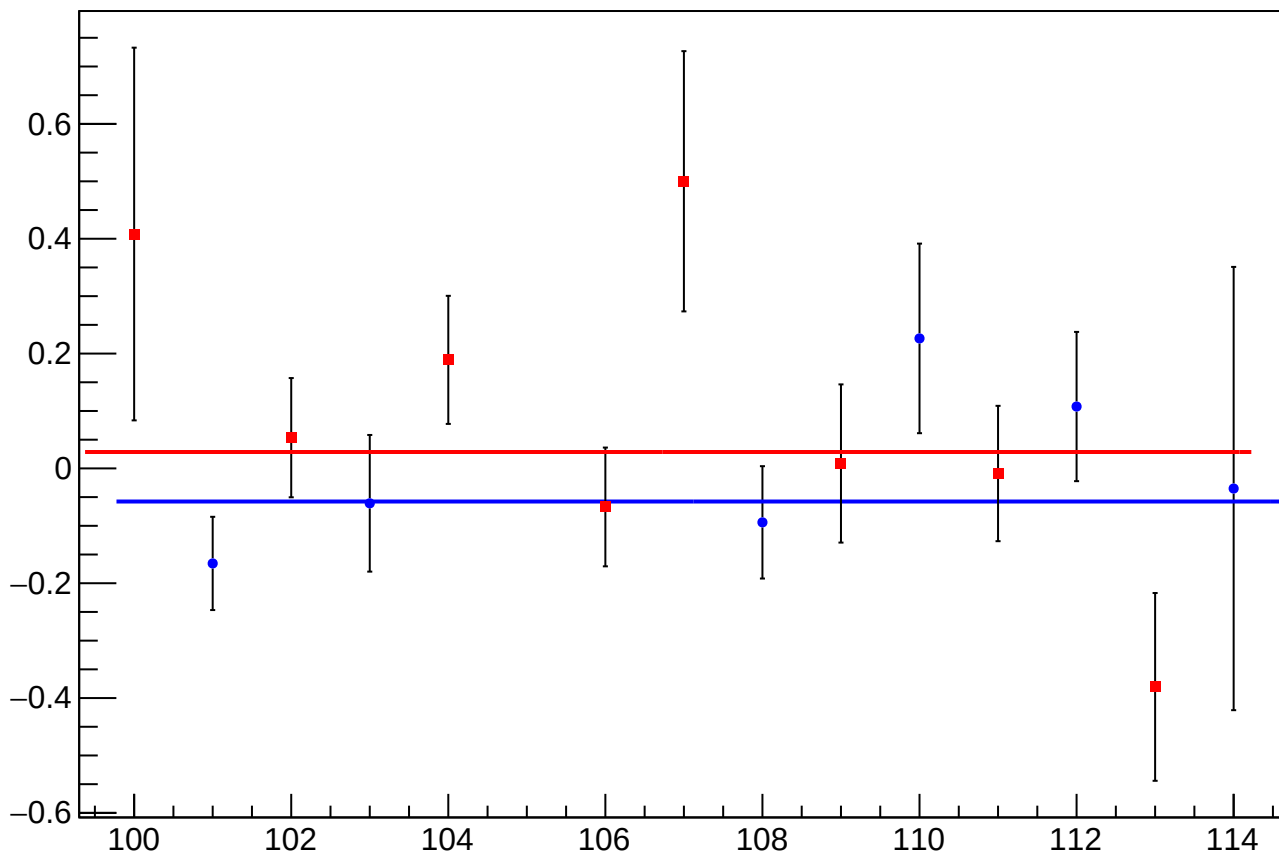
Right: 59.629+/-0.019 χ^2/NDF : 550881.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

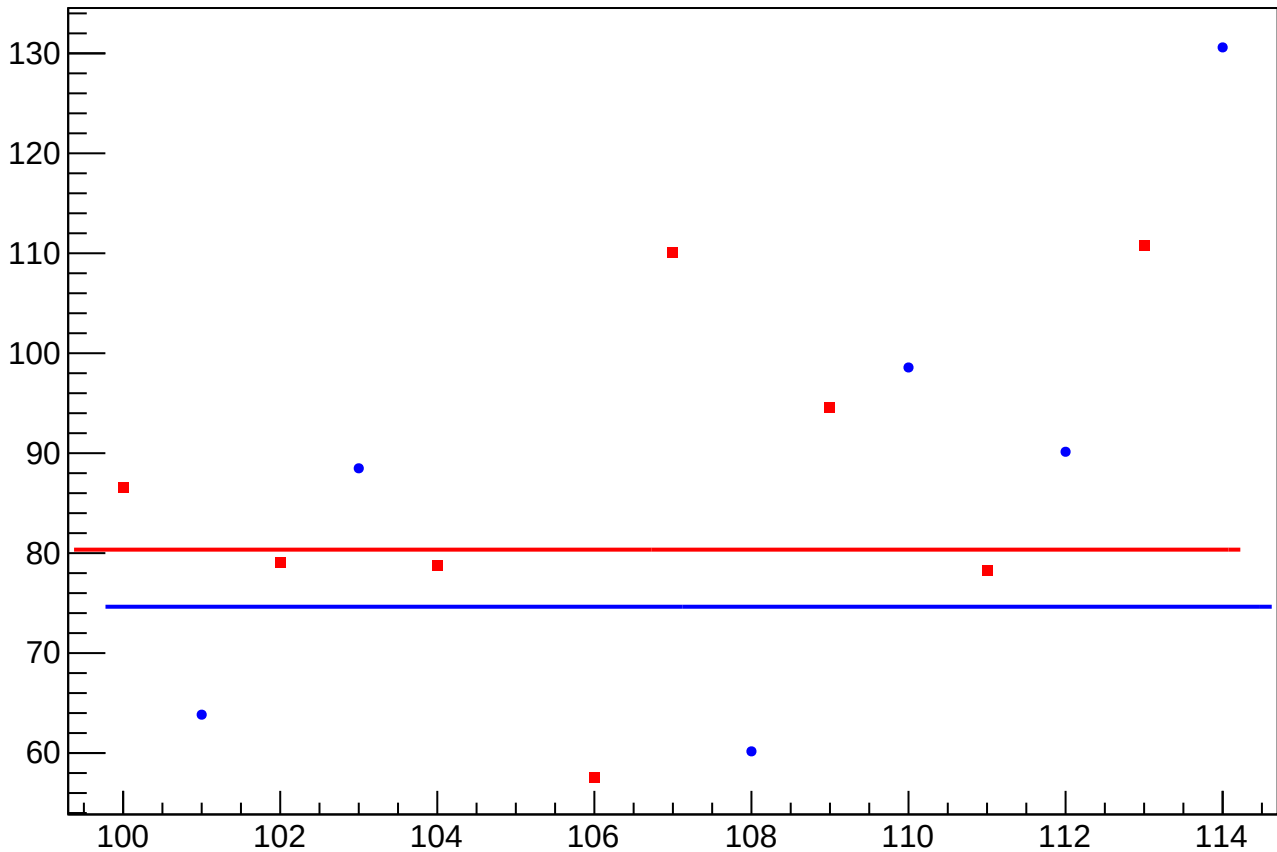
Right: -0.013 $\pm$ 0.034 χ^2/NDF : 23.2/13

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

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

All: -0.013 $\pm$ 0.034 χ^2/NDF : 23.2/13

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

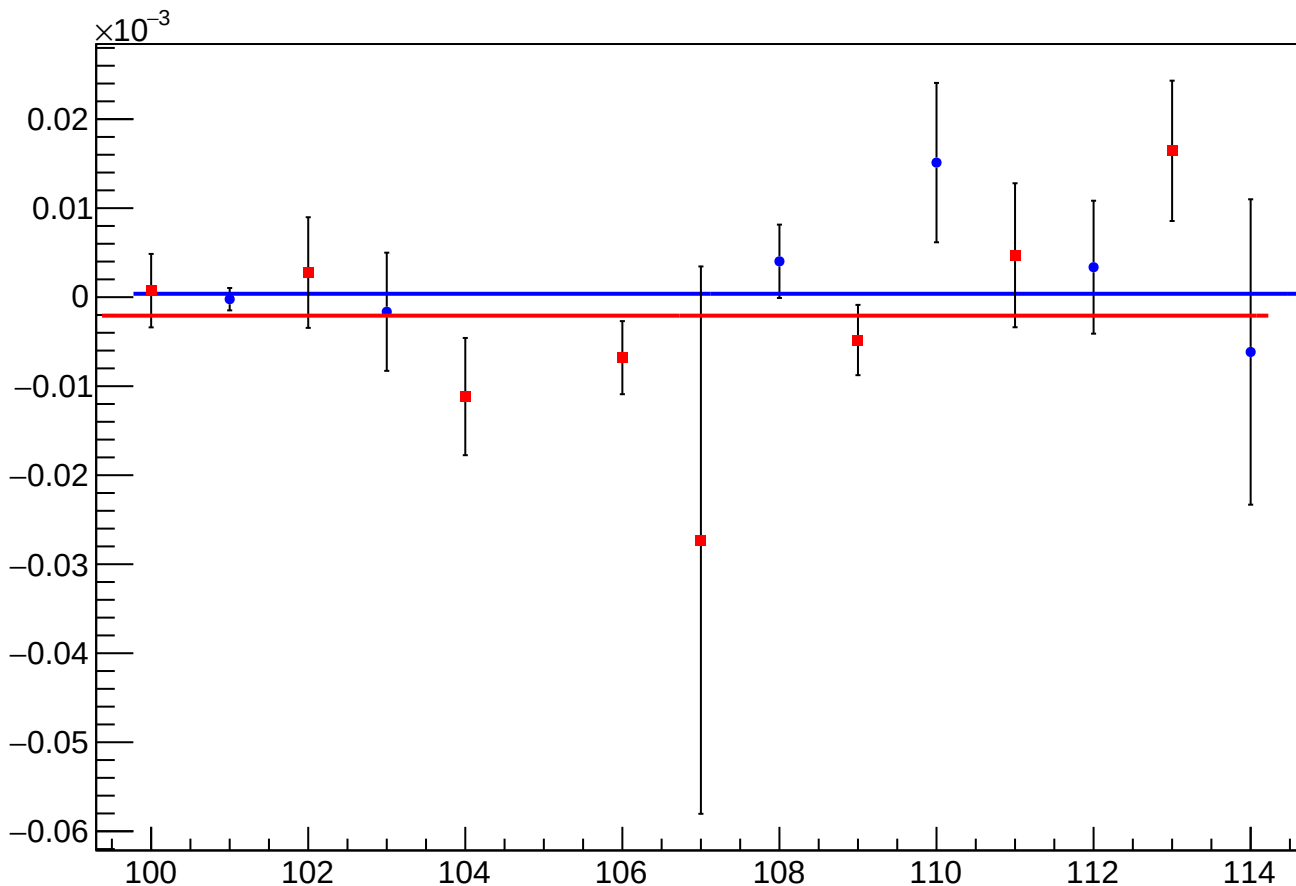
Right: 77.585 $\pm$ 0.024 χ^2 /NDF: 456781.1/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

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

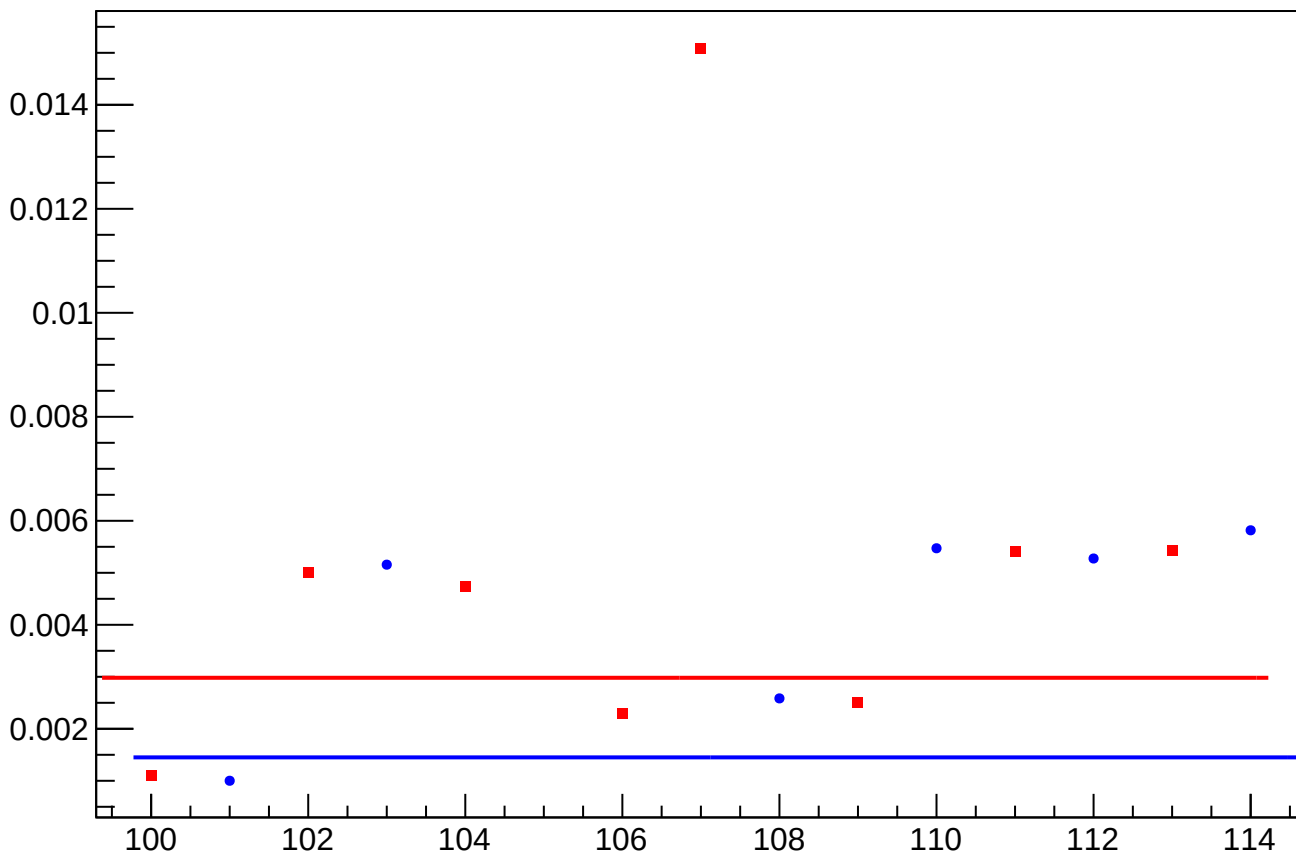
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/13

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

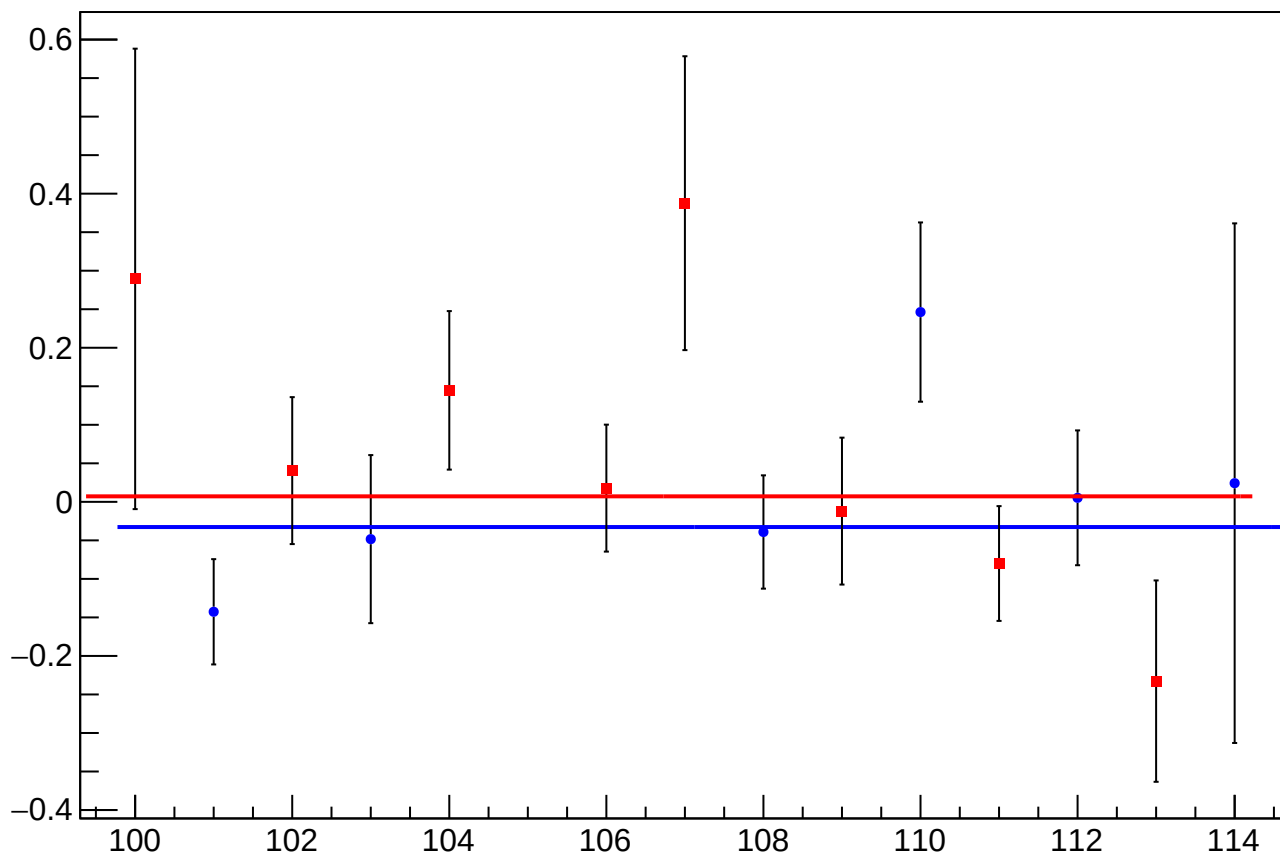
Right: 0.002+/-0.000 χ^2/NDF : 4534115.6/13

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

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

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

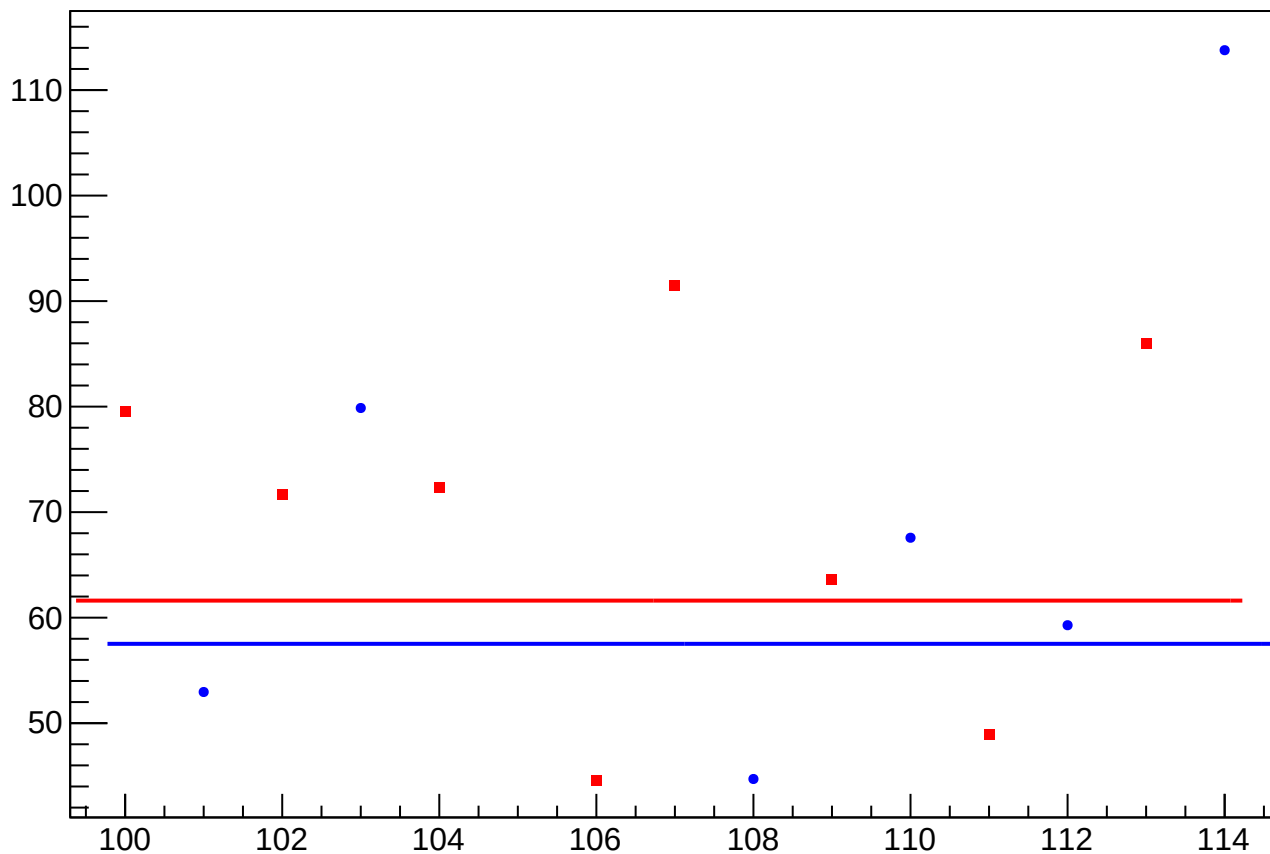
Right: -0.012 ± 0.026 χ^2/NDF : 20.7/13

In: -0.033 ± 0.038 χ^2/NDF : 8.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.026 χ^2/NDF : 20.7/13

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

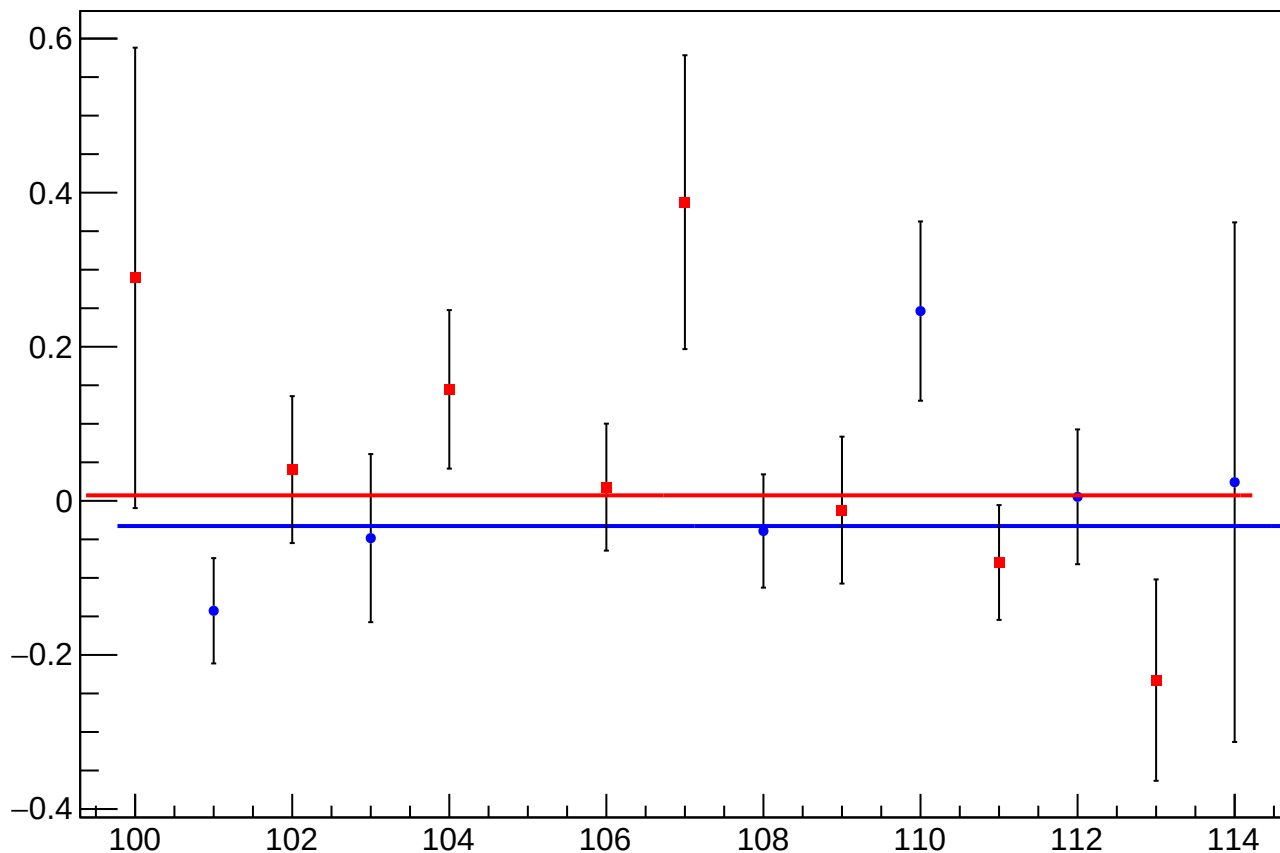
Right: 59.629+/-0.019 χ^2/NDF : 550871.0/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

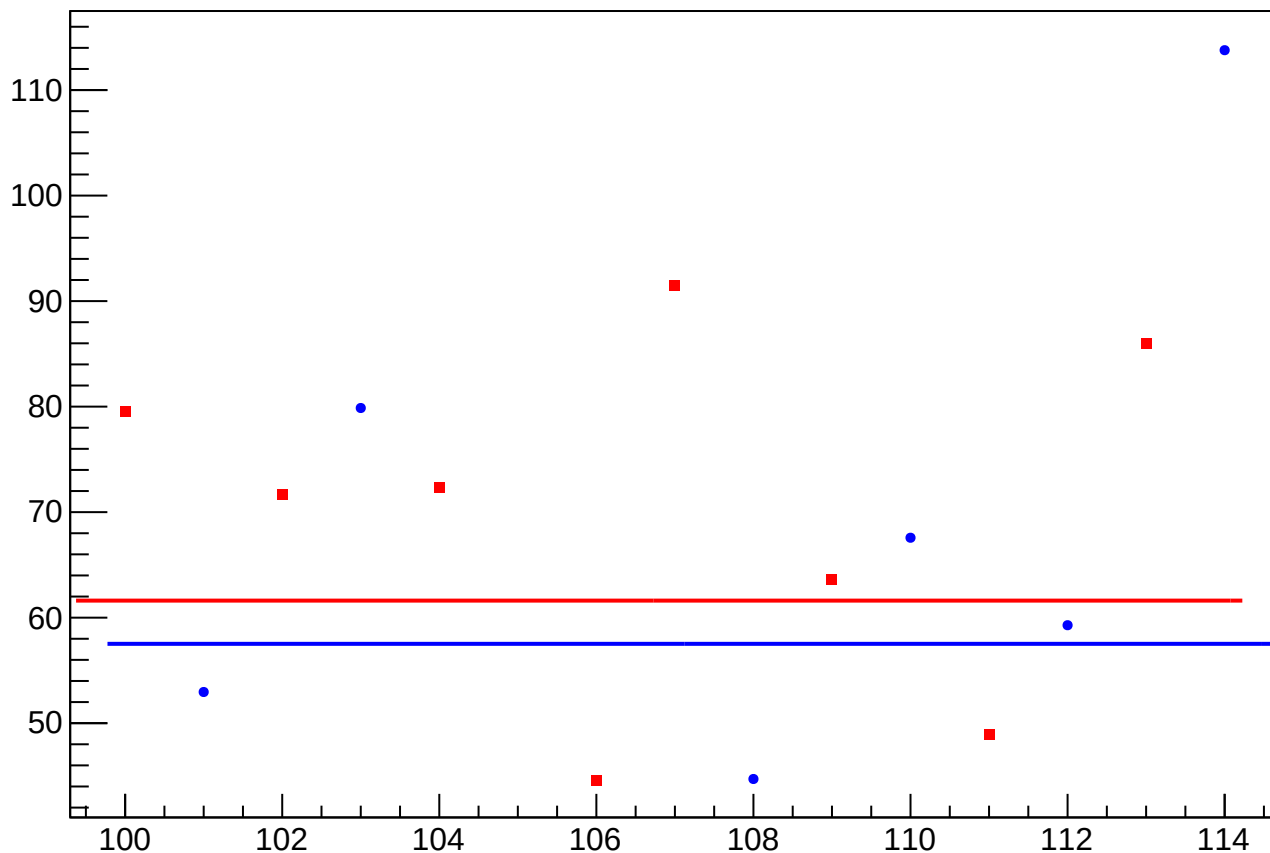
Right: -0.012 ± 0.026 χ^2/NDF : 20.7/13

In: -0.033 ± 0.038 χ^2/NDF : 8.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.026 χ^2/NDF : 20.7/13

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

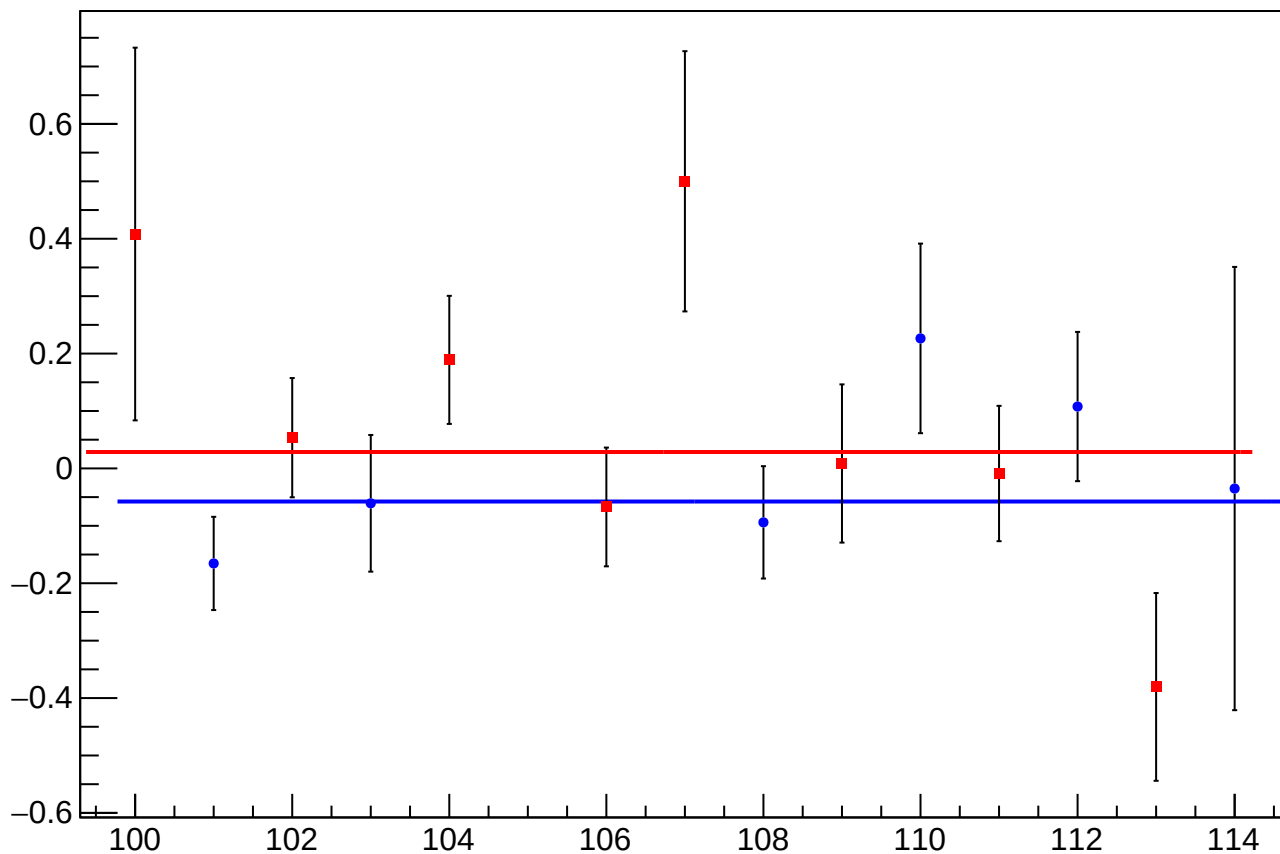
Right: 59.629+/-0.019 χ^2/NDF : 550871.0/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

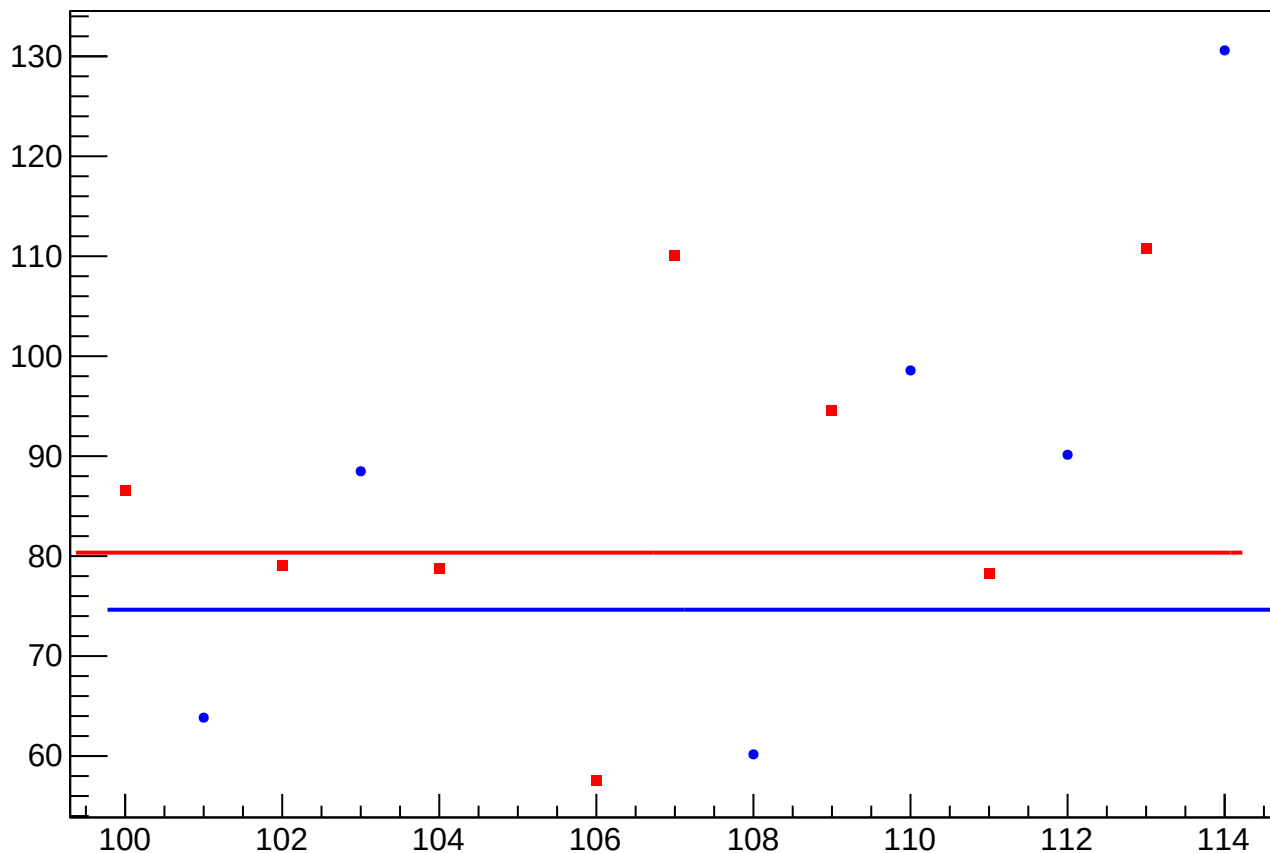
Right: -0.013 ± 0.034 χ^2/NDF : 23.2/13

In: -0.058 ± 0.048 χ^2/NDF : 6.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.034 χ^2/NDF : 23.2/13

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

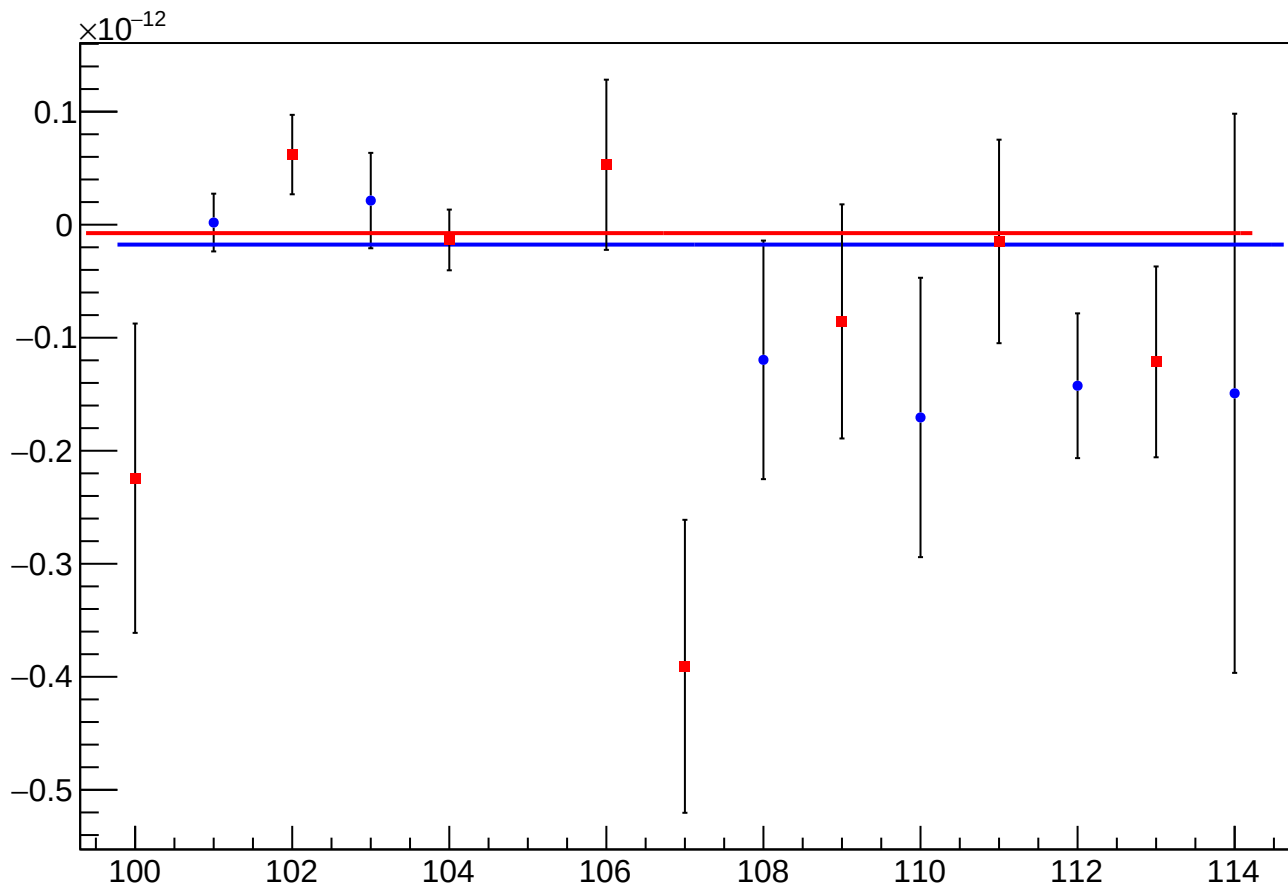
Right: 77.585+/-0.024 χ^2/NDF : 456769.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

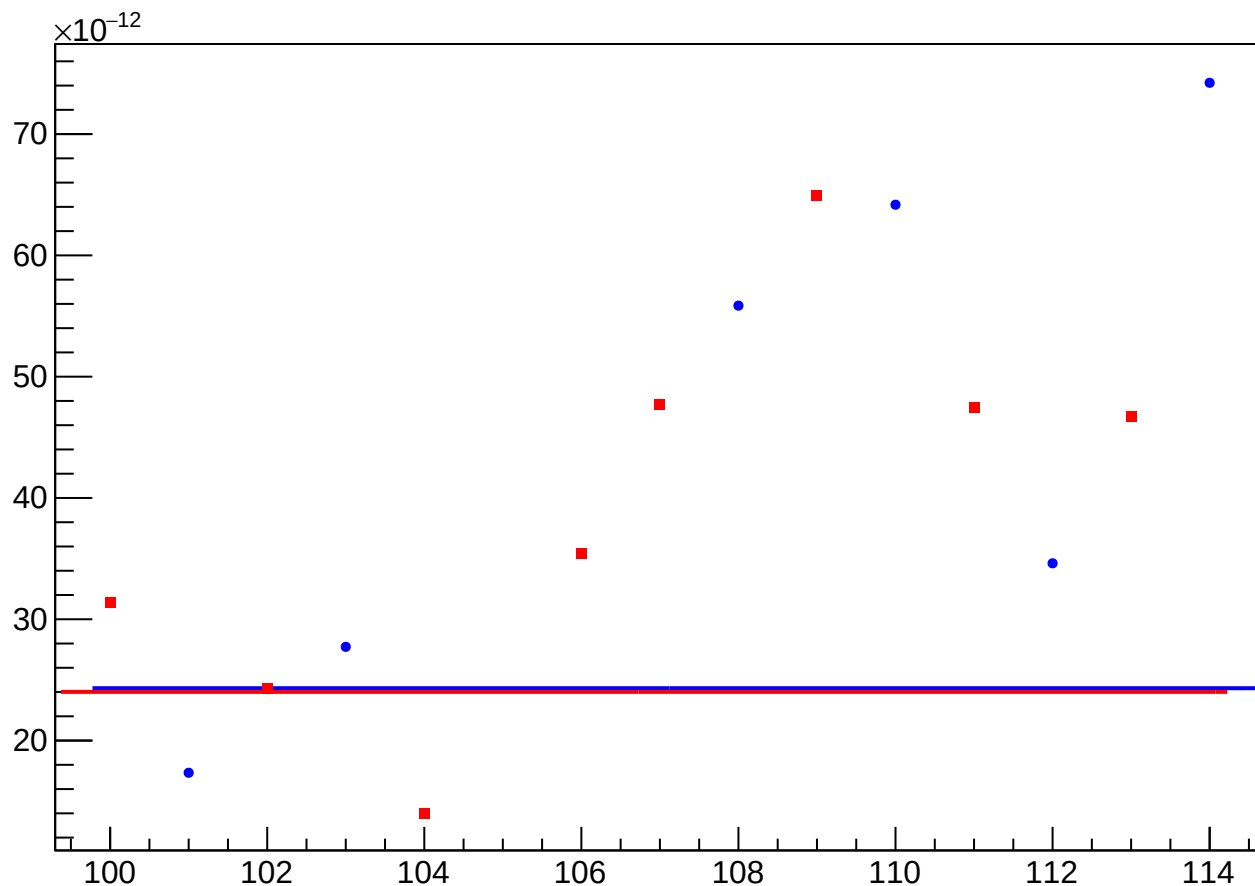
Right: -0.000+/-0.000 χ^2/NDF : 26.4/13

In: -0.000+/-0.000 χ^2/NDF : 8.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.4/13

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

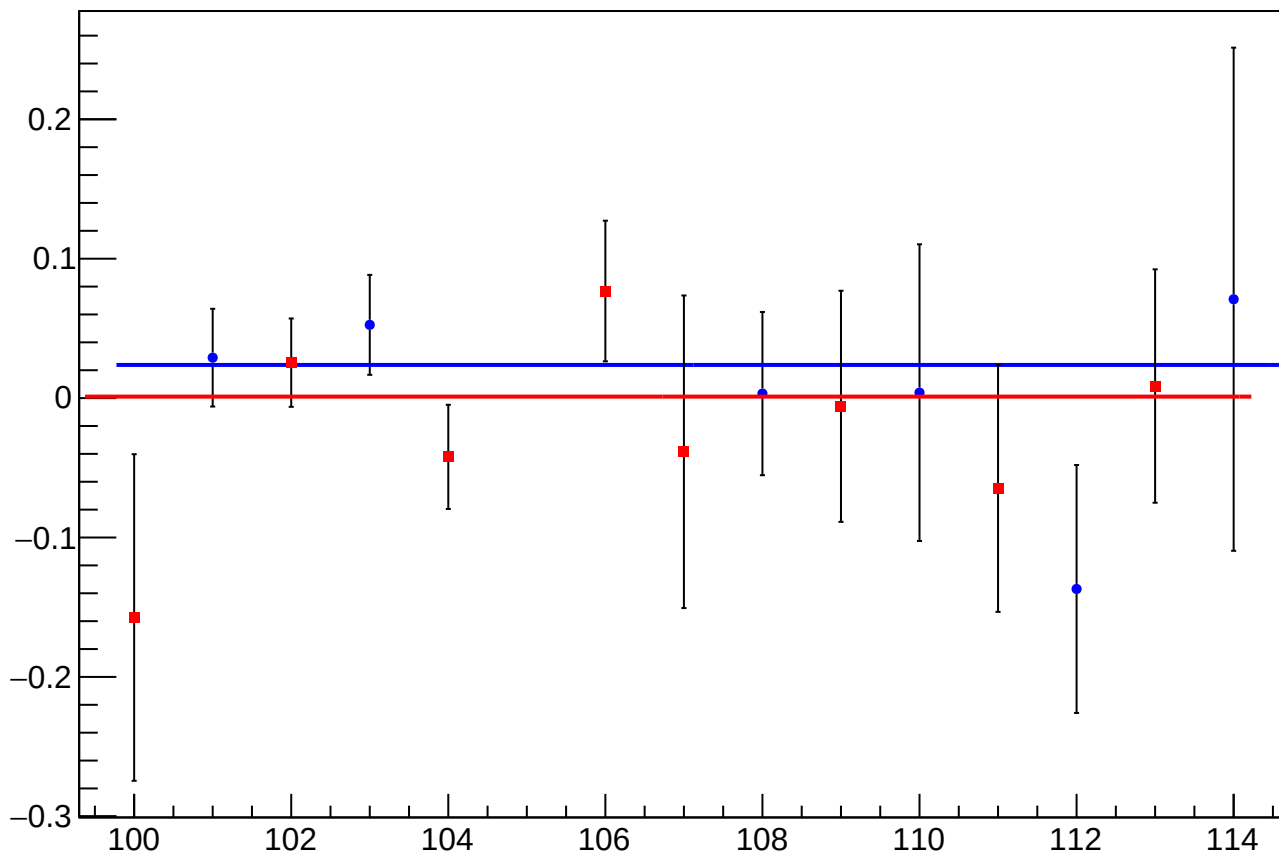
Right: 0.000+/-0.000 χ^2/NDF : 1672245.3/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

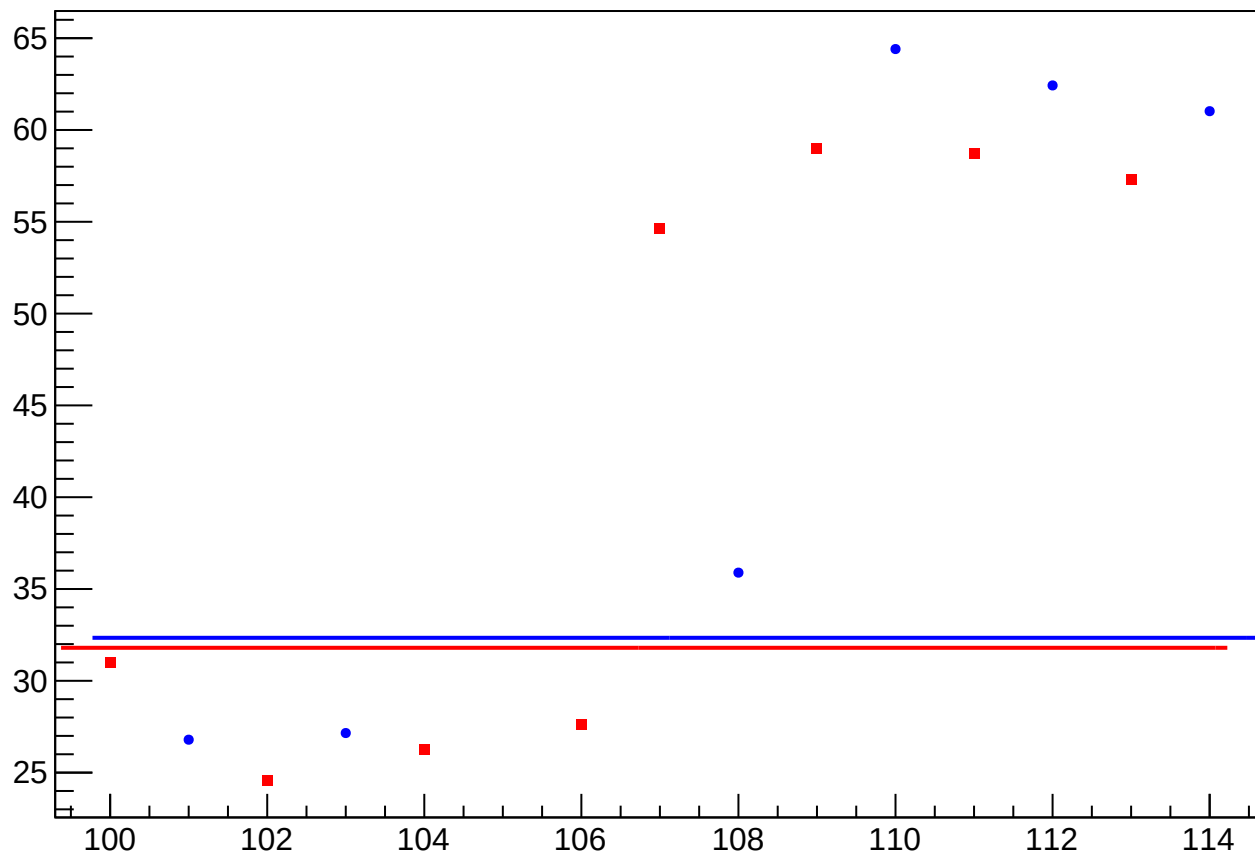
Right: 0.011 $\pm$ 0.014 χ^2 /NDF: 11.5/13

In: 0.024 $\pm$ 0.022 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.014 χ^2 /NDF: 11.5/13

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

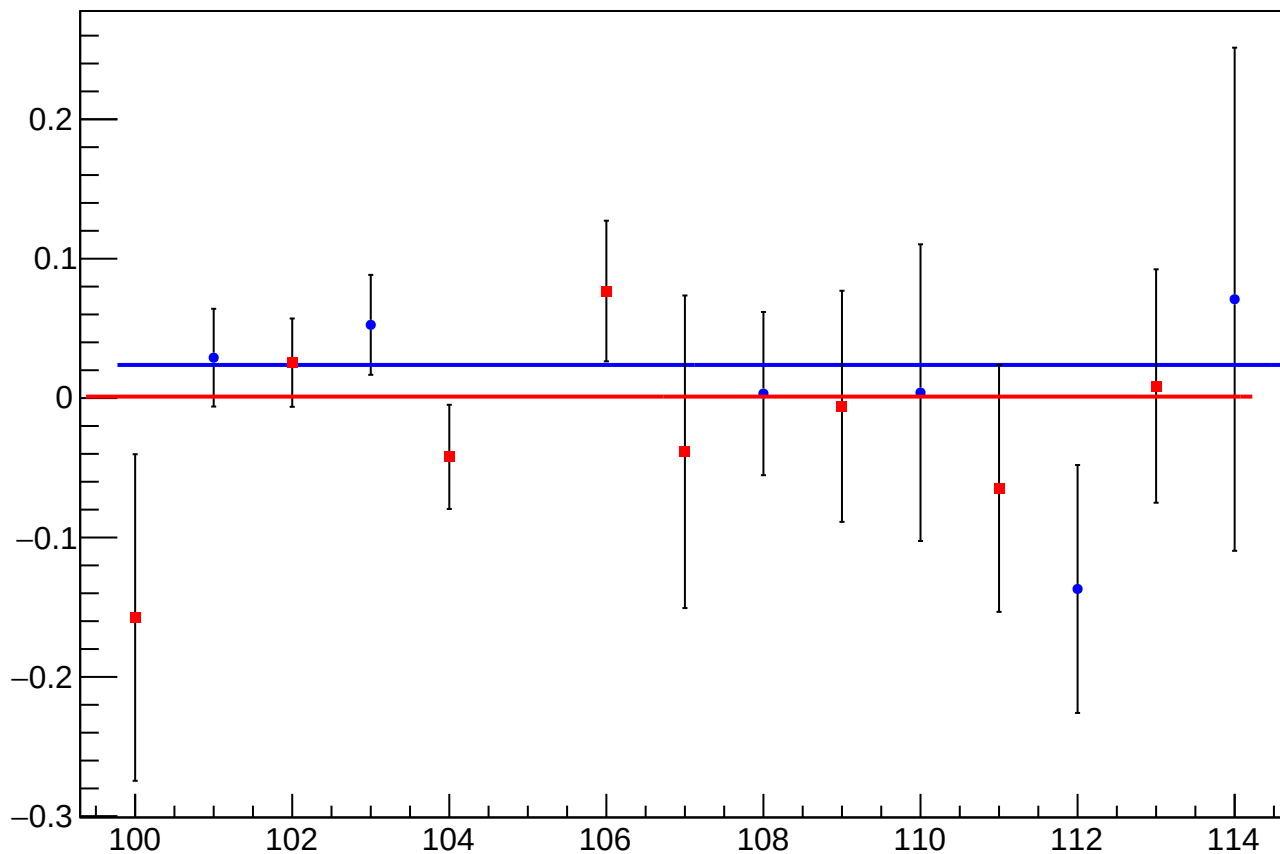
Right: 32.040+/-0.010 χ^2/NDF : 1391977.3/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

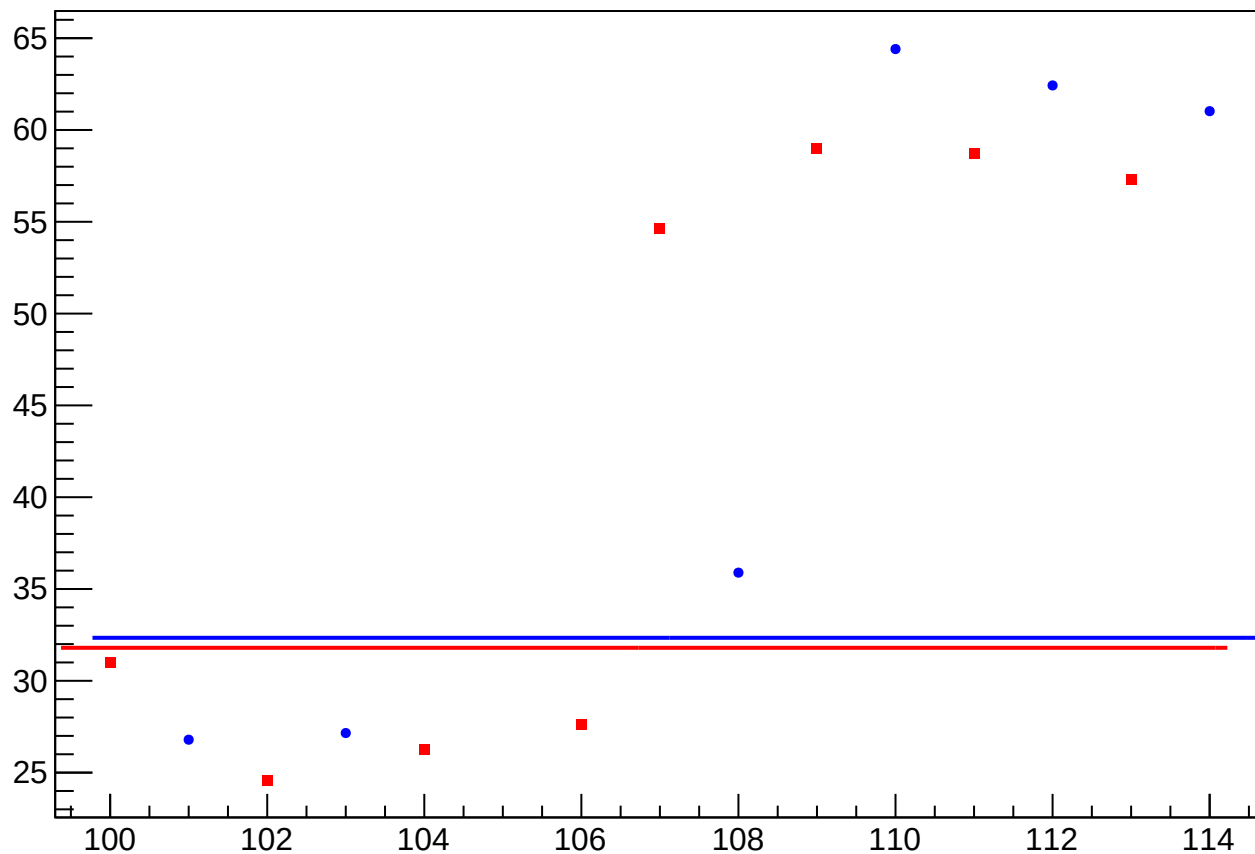
Right: 0.011 $\pm$ 0.014 χ^2 /NDF: 11.5/13

In: 0.024 $\pm$ 0.022 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.014 χ^2 /NDF: 11.5/13

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

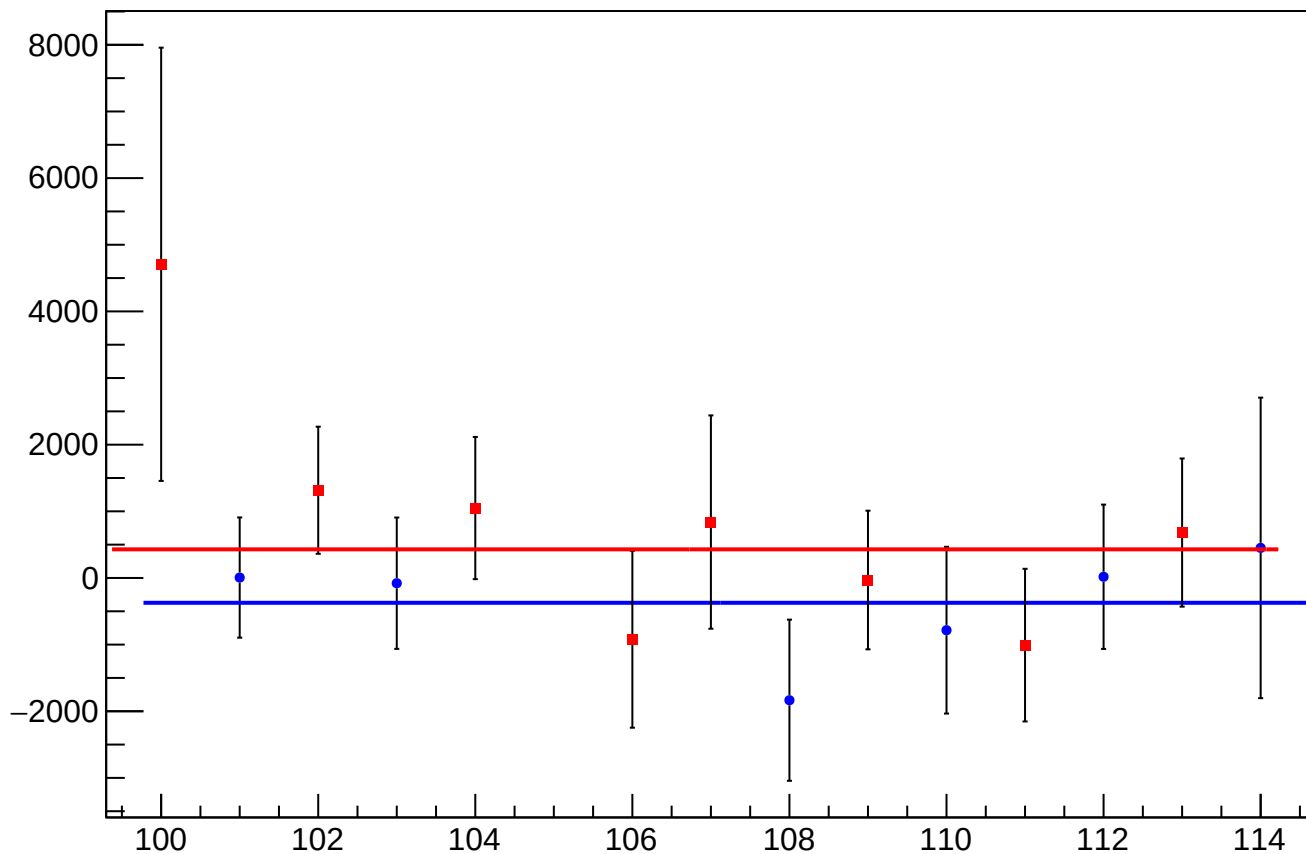
Right: 32.040+/-0.010 χ^2/NDF : 1391977.3/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

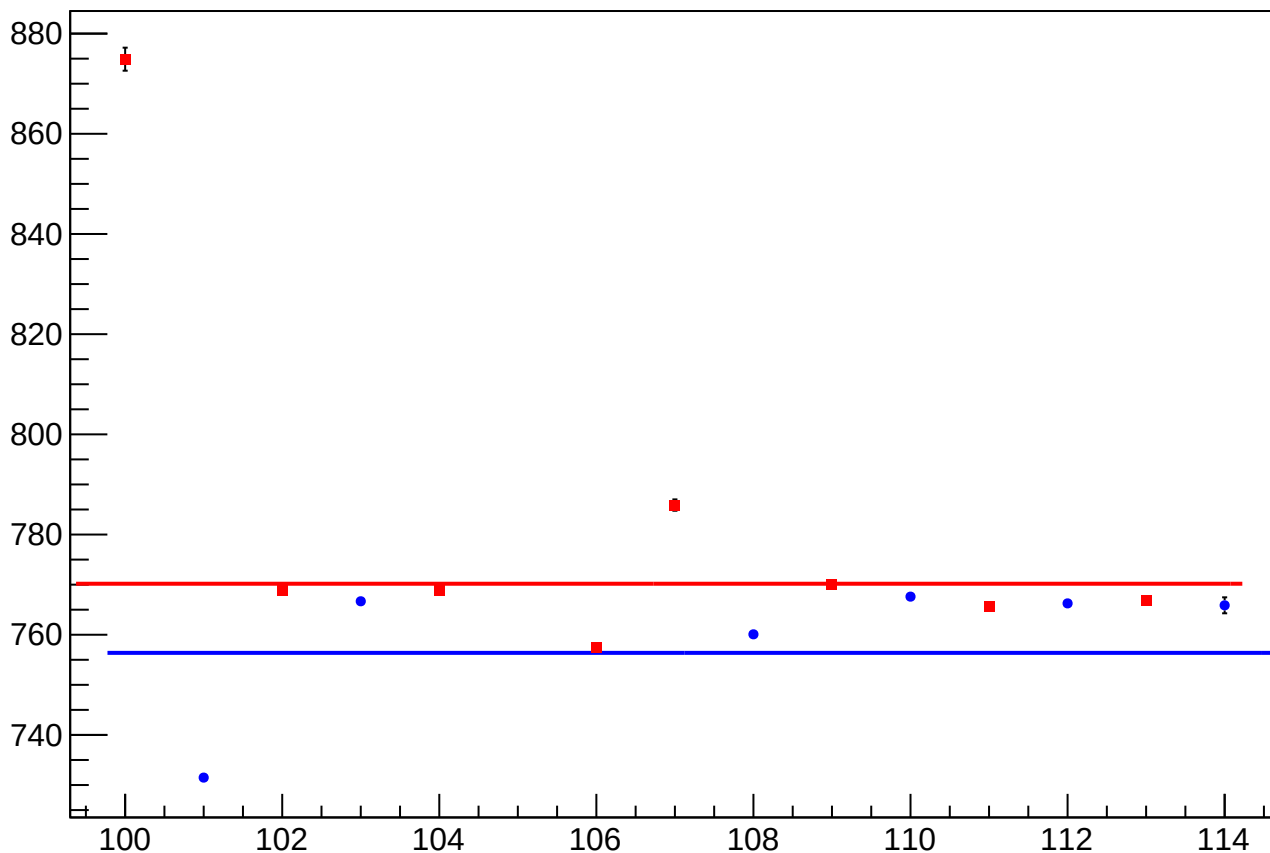
Right: 63.846+/-313.761 χ^2/NDF : 9.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.846+/-313.761 χ^2/NDF : 9.6/13

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 756.383+/-0.329 χ^2/NDF : 2124.0/5

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

Right Out: 770.182+/-0.301 χ^2/NDF : 2506.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

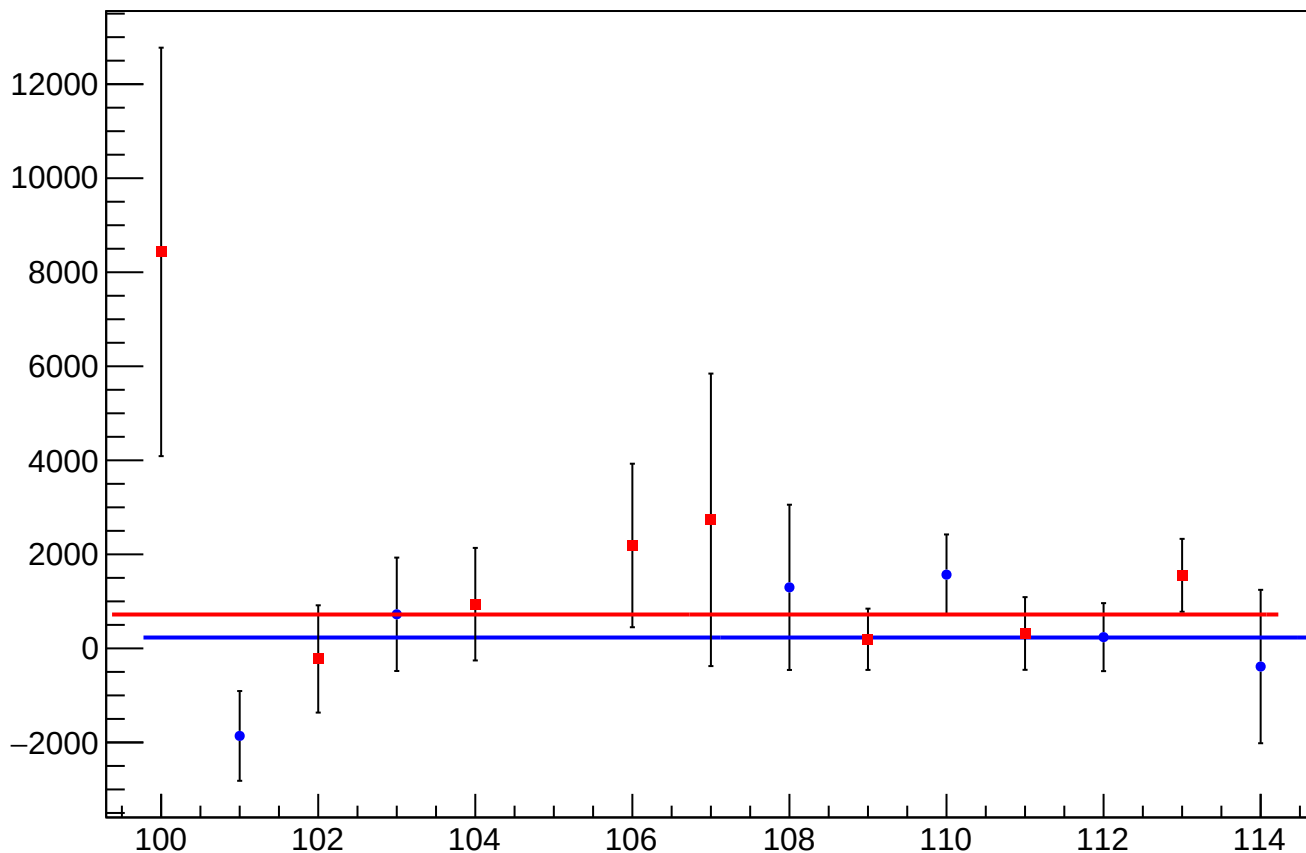
Right: 763.891+/-0.222 χ^2/NDF : 5589.8/13

In: 756.383+/-0.329 χ^2/NDF : 2124.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.891+/-0.222 χ^2/NDF : 5589.8/13

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

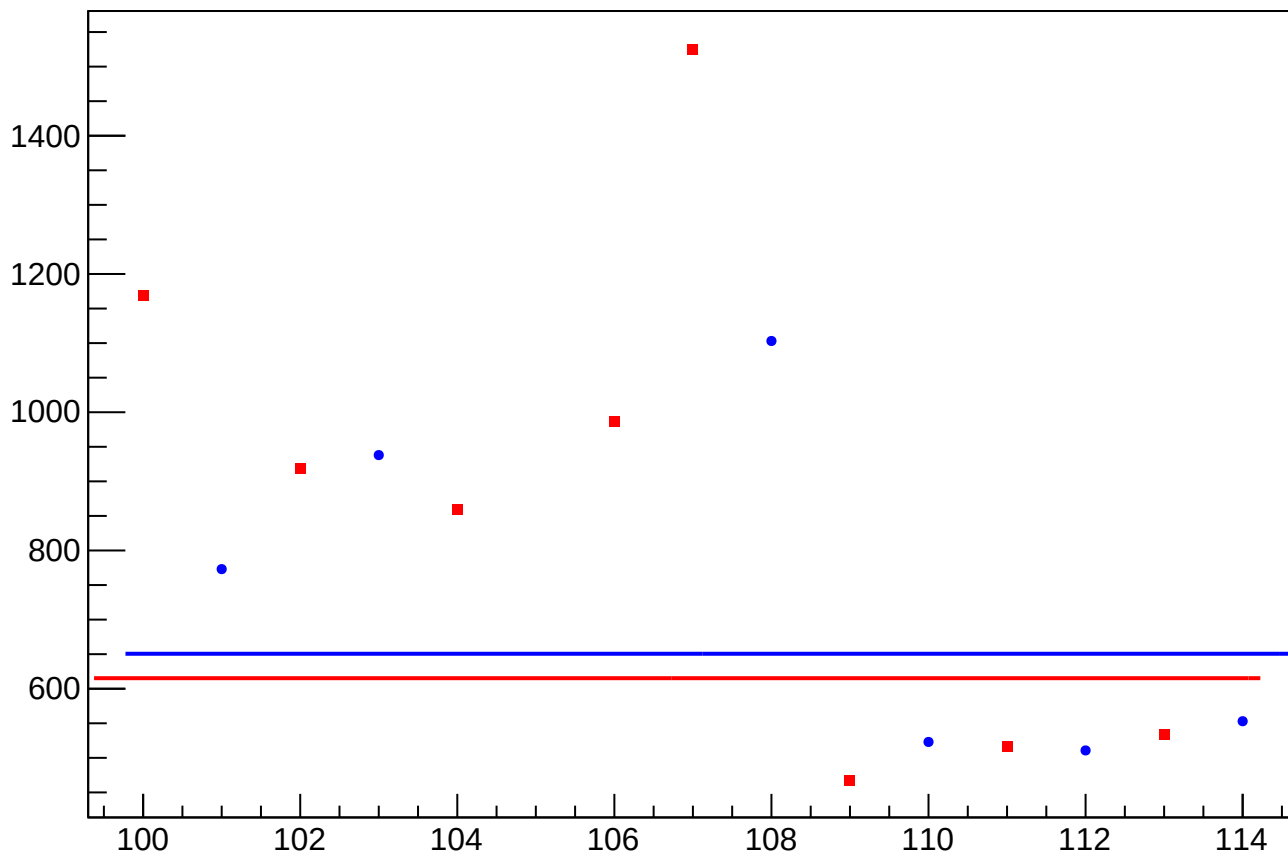
Right: 510.385+/-273.078 χ^2/NDF : 15.8/13

In: 231.343+/-416.508 χ^2/NDF : 7.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.385+/-273.078 χ^2/NDF : 15.8/13

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 650.602+/-0.295 χ^2/NDF : 405620.2/5

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

Right Out: 615.250+/-0.256 χ^2/NDF : 677807.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

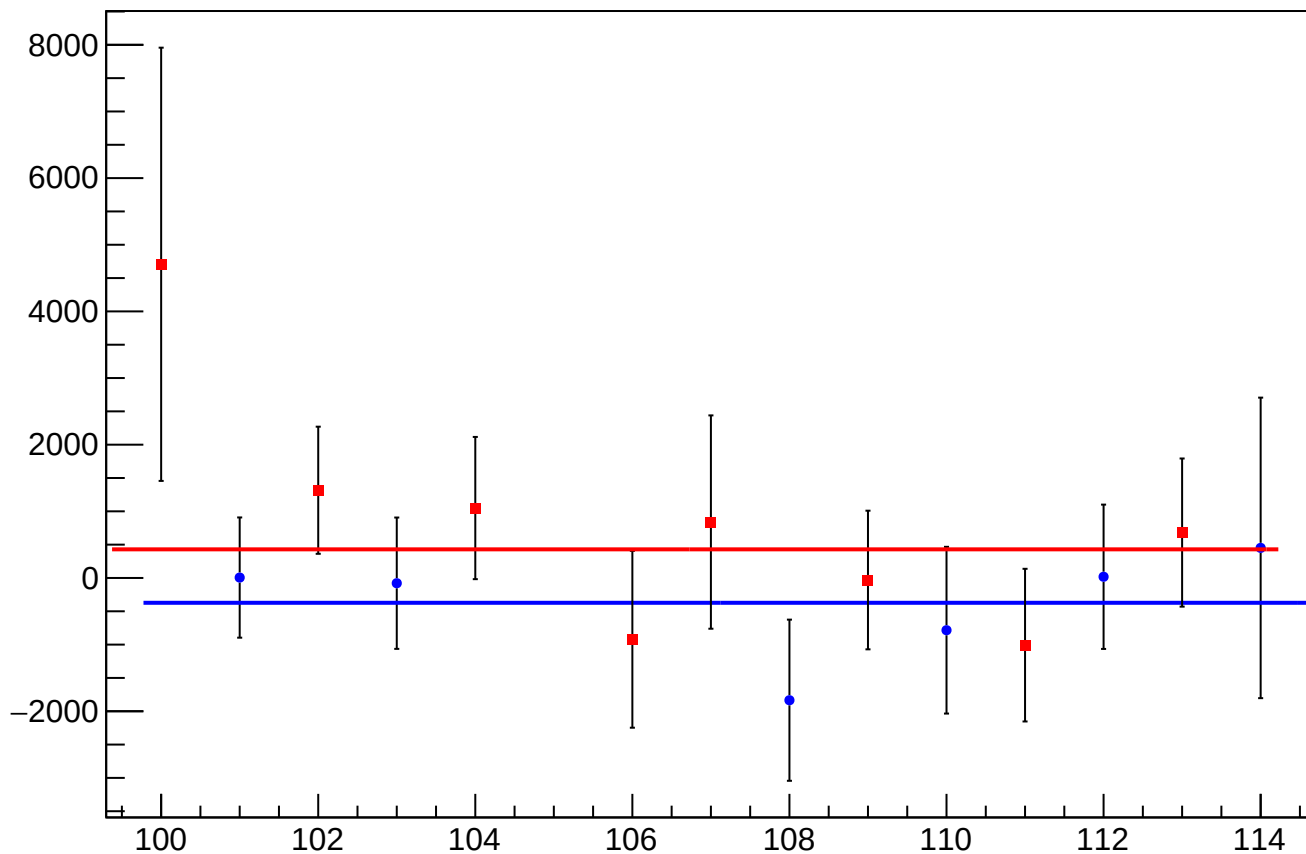
Right: 630.446+/-0.193 χ^2/NDF : 1091643.0/13

In: 650.602+/-0.295 χ^2/NDF : 405620.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.446+/-0.193 χ^2/NDF : 1091643.0/13

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

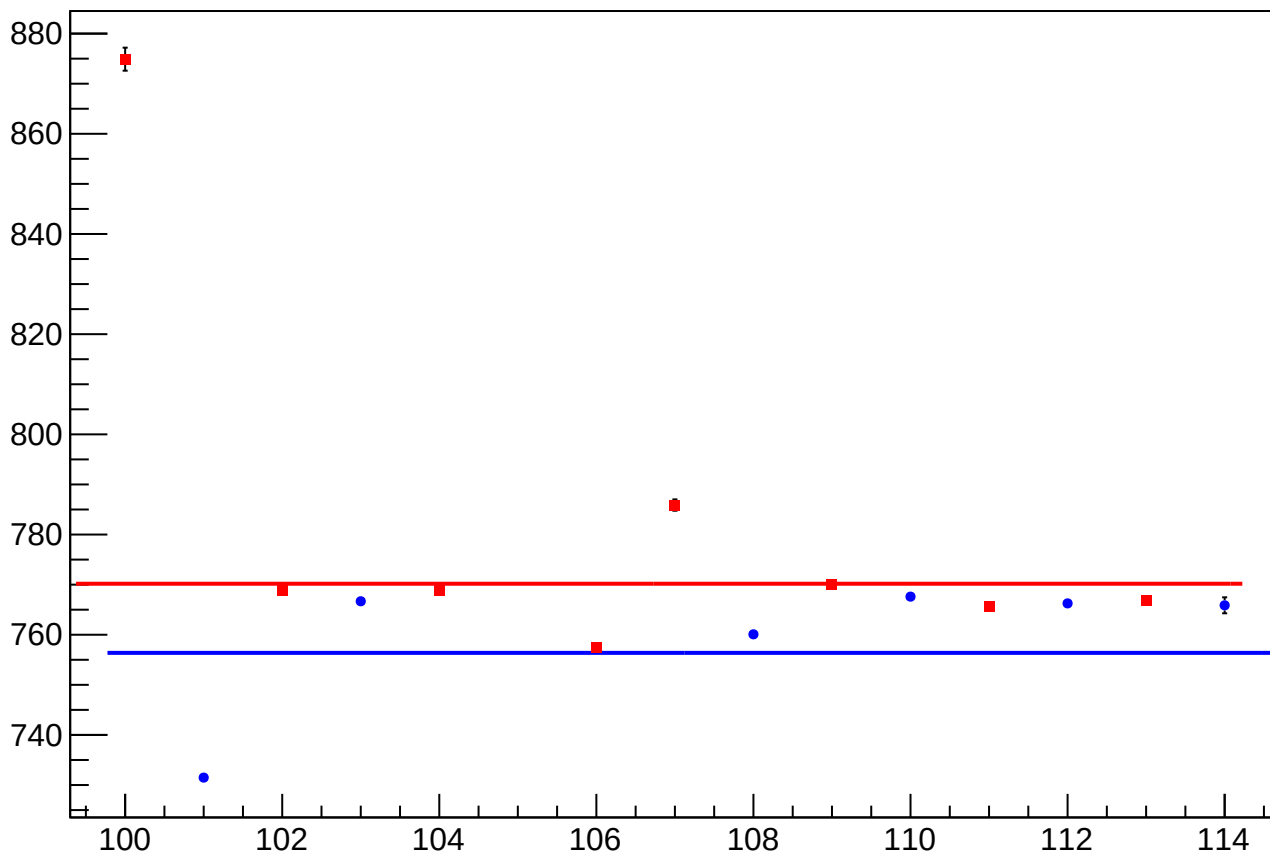
Right: 63.846+/-313.761 χ^2/NDF : 9.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.846+/-313.761 χ^2/NDF : 9.6/13

cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

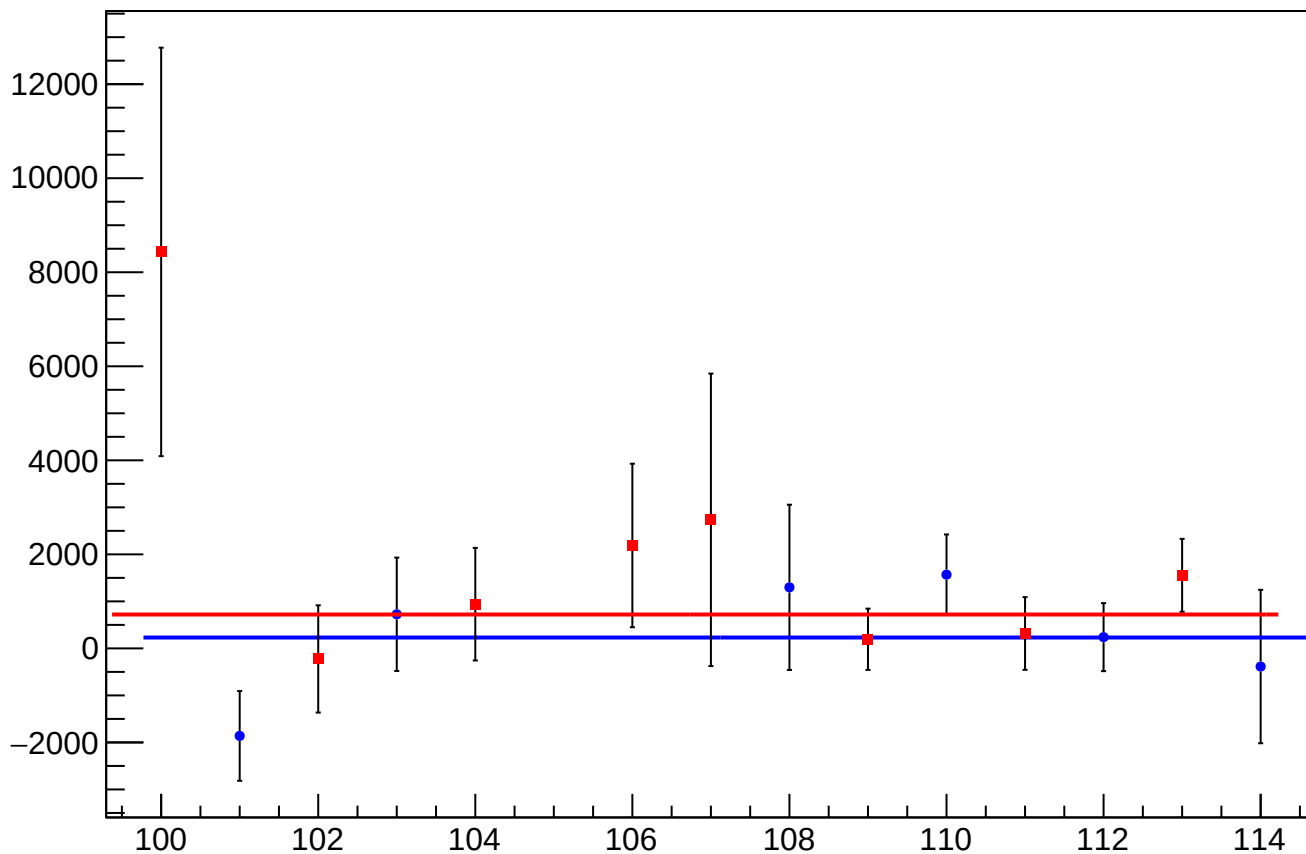
Right: 763.891 $\pm$ 0.222 χ^2/NDF : 5589.8/13

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

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

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

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

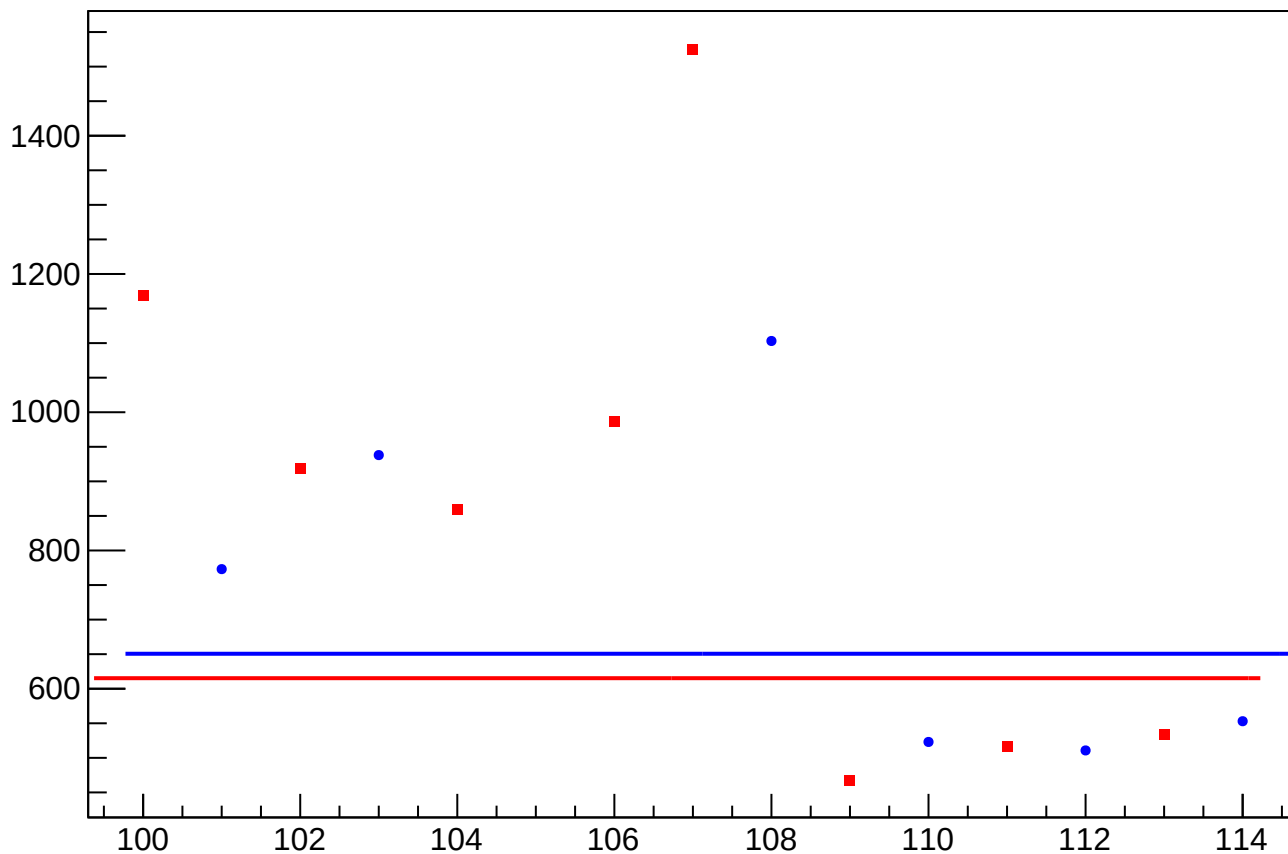
Right: 510.385+/-273.078 χ^2/NDF : 15.8/13

In: 231.343+/-416.508 χ^2/NDF : 7.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.385+/-273.078 χ^2/NDF : 15.8/13

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



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

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

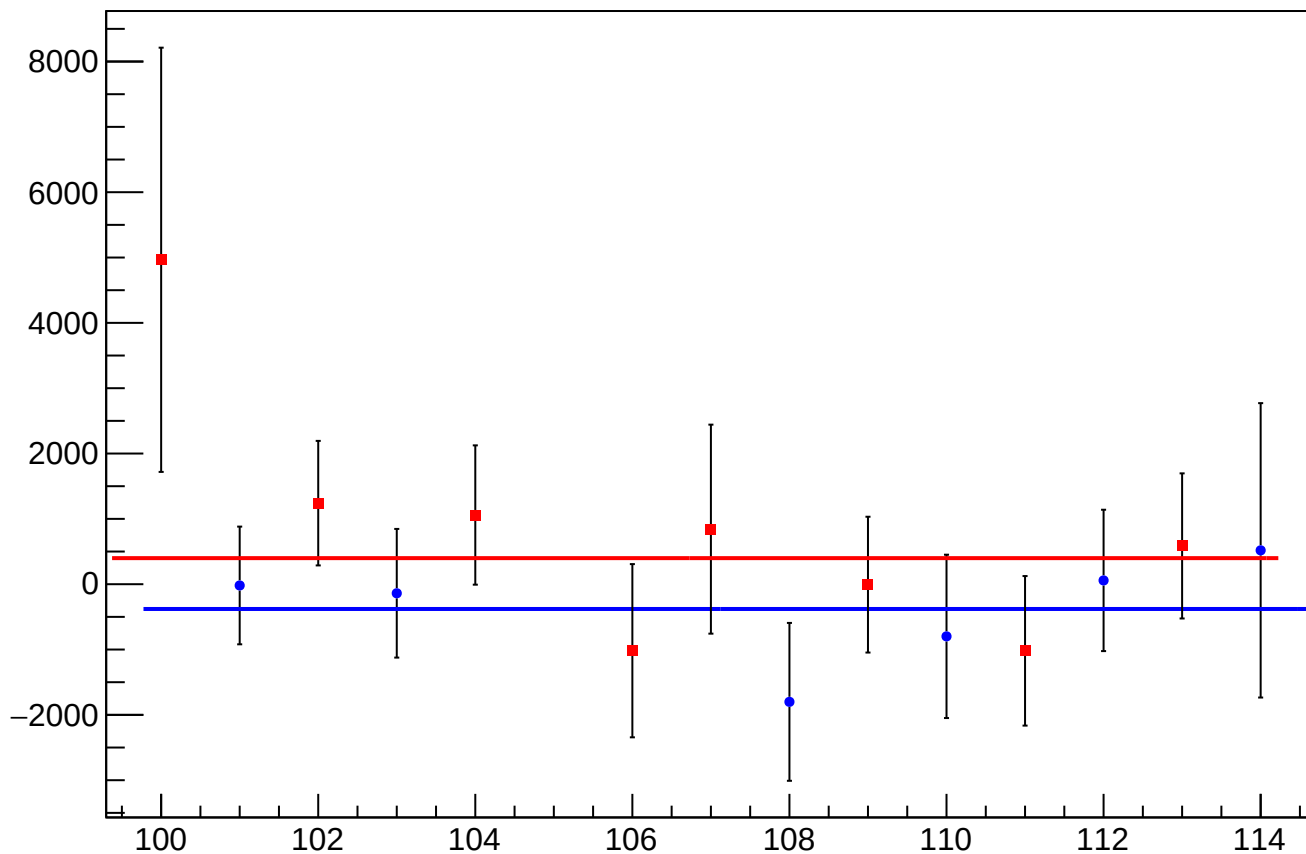
Right: 630.446 $\pm$ 0.193 χ^2 /NDF: 1091643.0/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -379.228+/-464.237 χ^2/NDF : 2.0/5

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

Right Out: 399.003+/-425.036 χ^2/NDF : 6.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

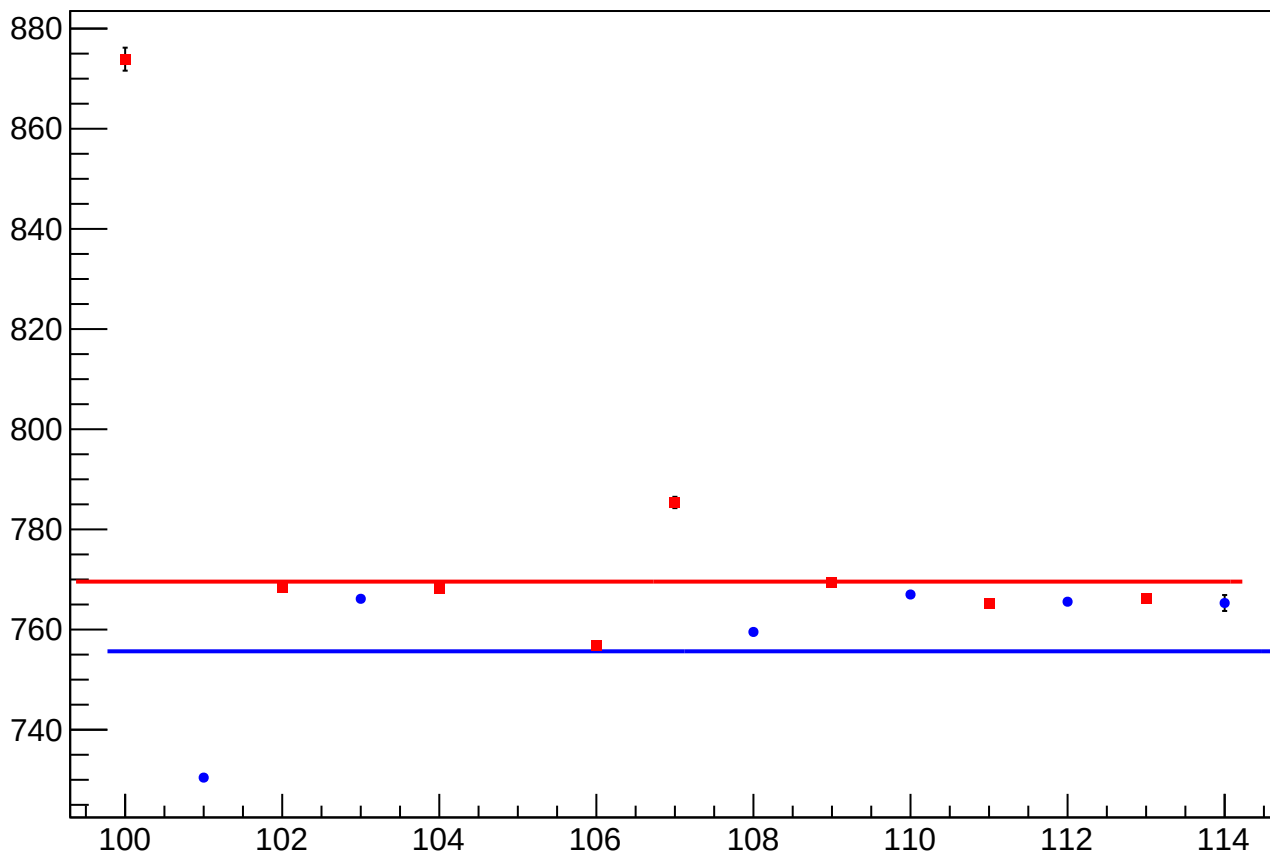
Right: 44.128+/-313.490 χ^2/NDF : 9.6/13

In: -379.228+/-464.237 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.128+/-313.490 χ^2/NDF : 9.6/13

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 755.658+/-0.328 χ^2/NDF : 2183.8/5

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

Right Out: 769.574+/-0.301 χ^2/NDF : 2500.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

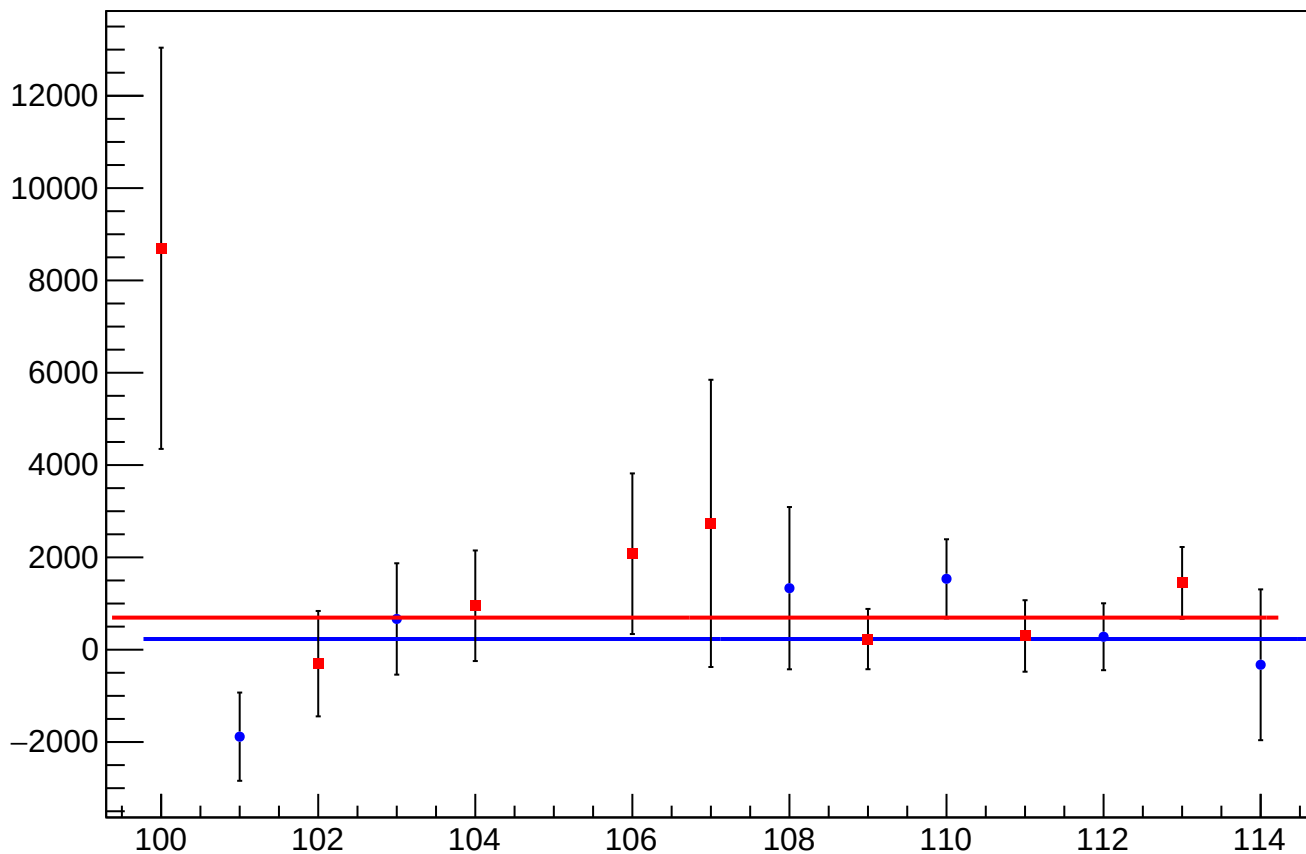
Right: 763.228+/-0.222 χ^2/NDF : 5661.5/13

In: 755.658+/-0.328 χ^2/NDF : 2183.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.228+/-0.222 χ^2/NDF : 5661.5/13

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

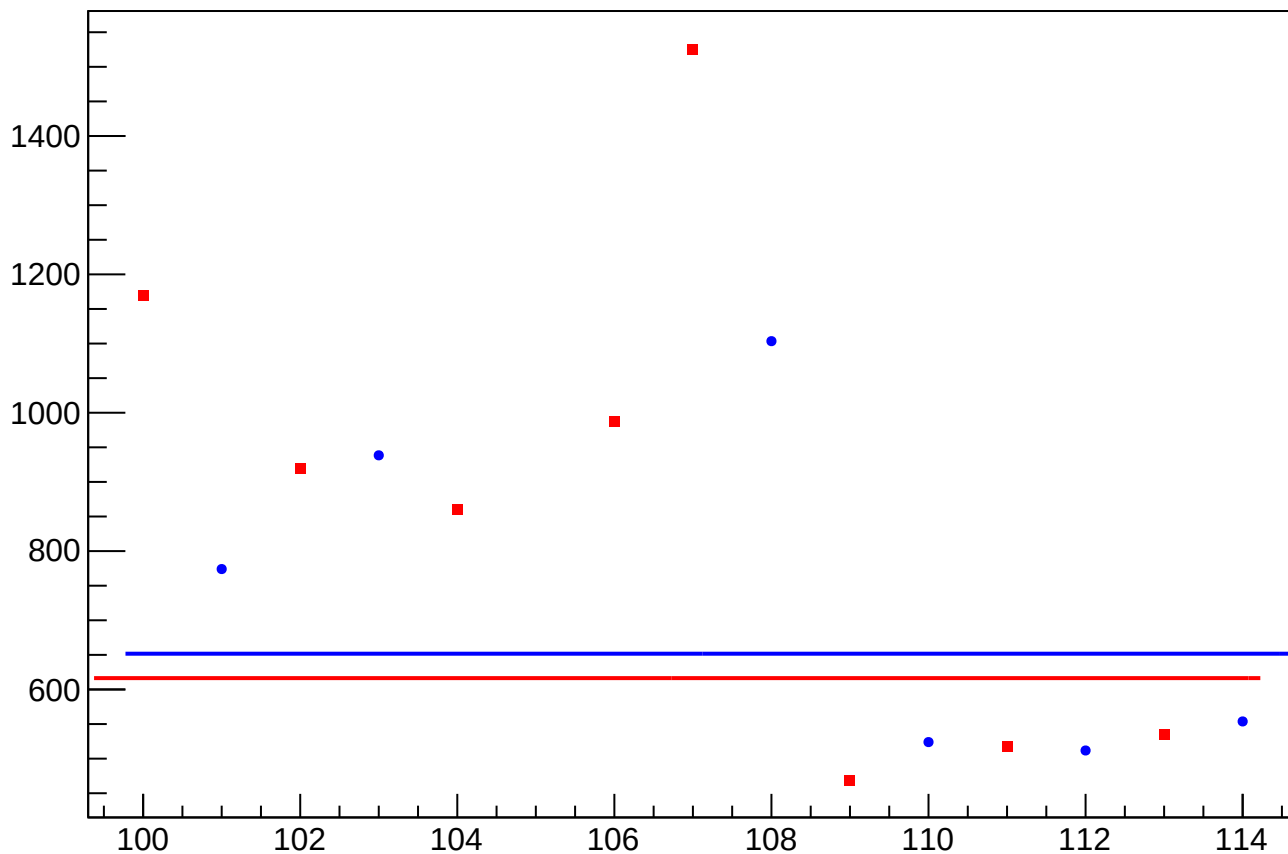
Right: 495.926+/-273.507 χ^2/NDF : 15.5/13

In: 231.620+/-417.136 χ^2/NDF : 7.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.926+/-273.507 χ^2/NDF : 15.5/13

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

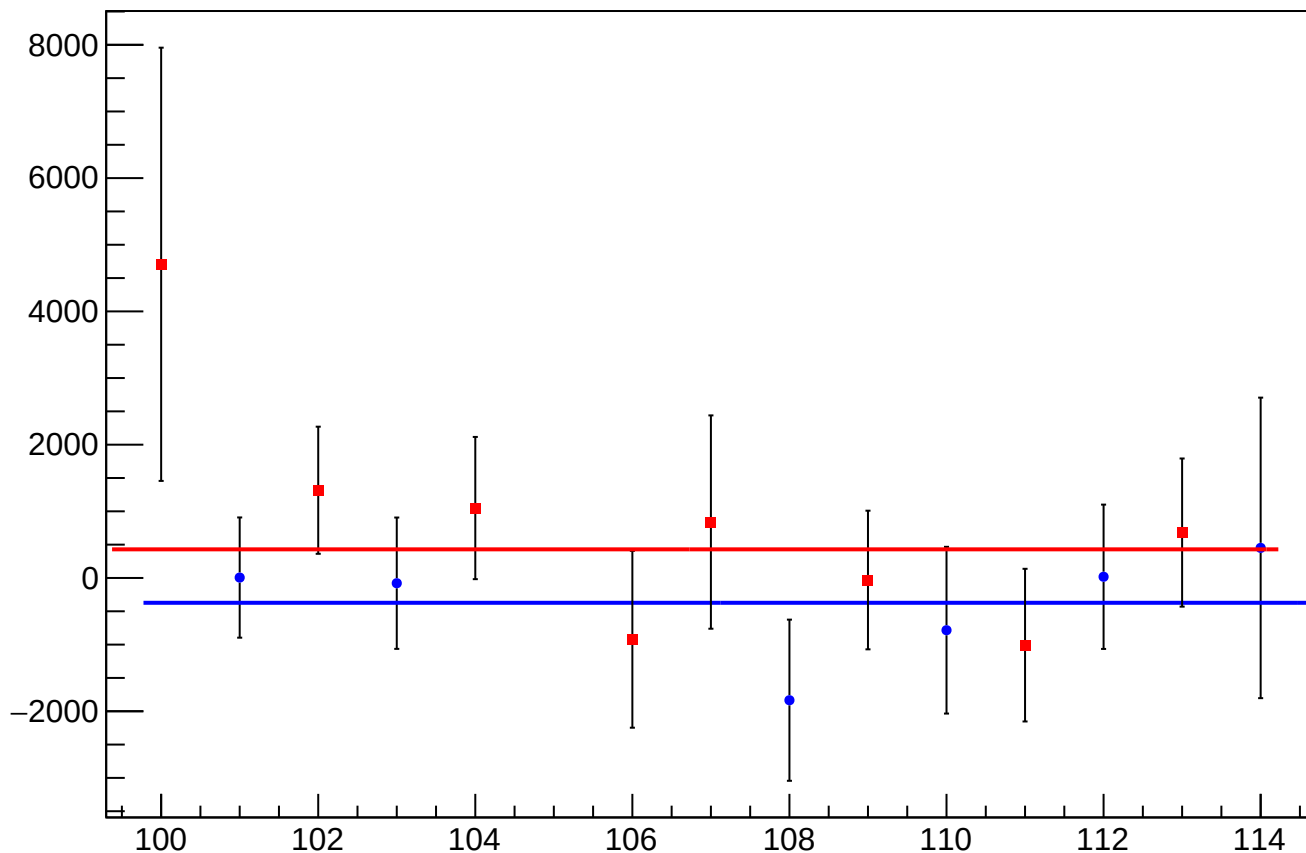
Right: 631.573+/-0.193 χ^2/NDF : 1087510.2/13

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

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

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

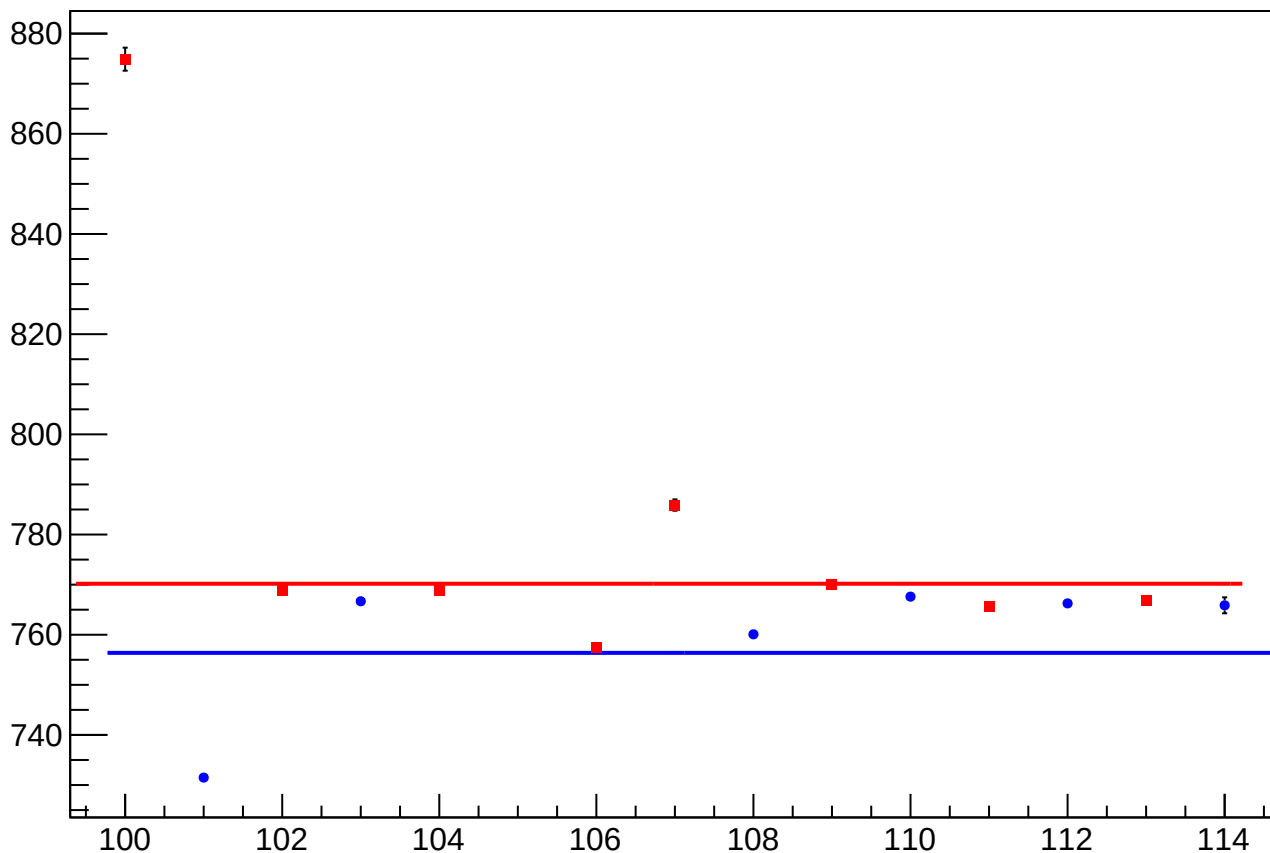
Right: 63.846+/-313.761 χ^2/NDF : 9.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.846+/-313.761 χ^2/NDF : 9.6/13

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 756.383+/-0.329 χ^2/NDF : 2124.0/5

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

Right Out: 770.182+/-0.301 χ^2/NDF : 2506.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

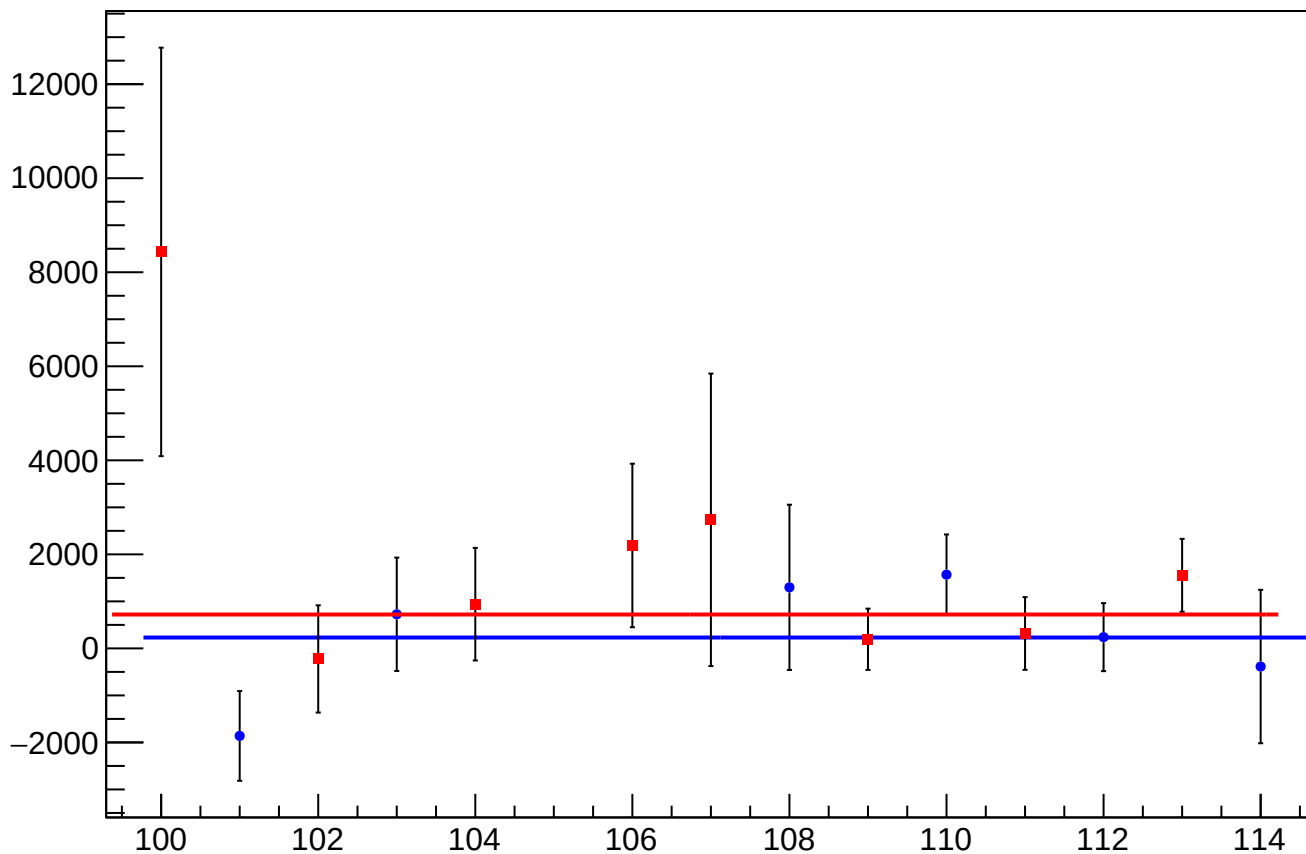
Right: 763.891+/-0.222 χ^2/NDF : 5589.8/13

In: 756.383+/-0.329 χ^2/NDF : 2124.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.891+/-0.222 χ^2/NDF : 5589.8/13

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

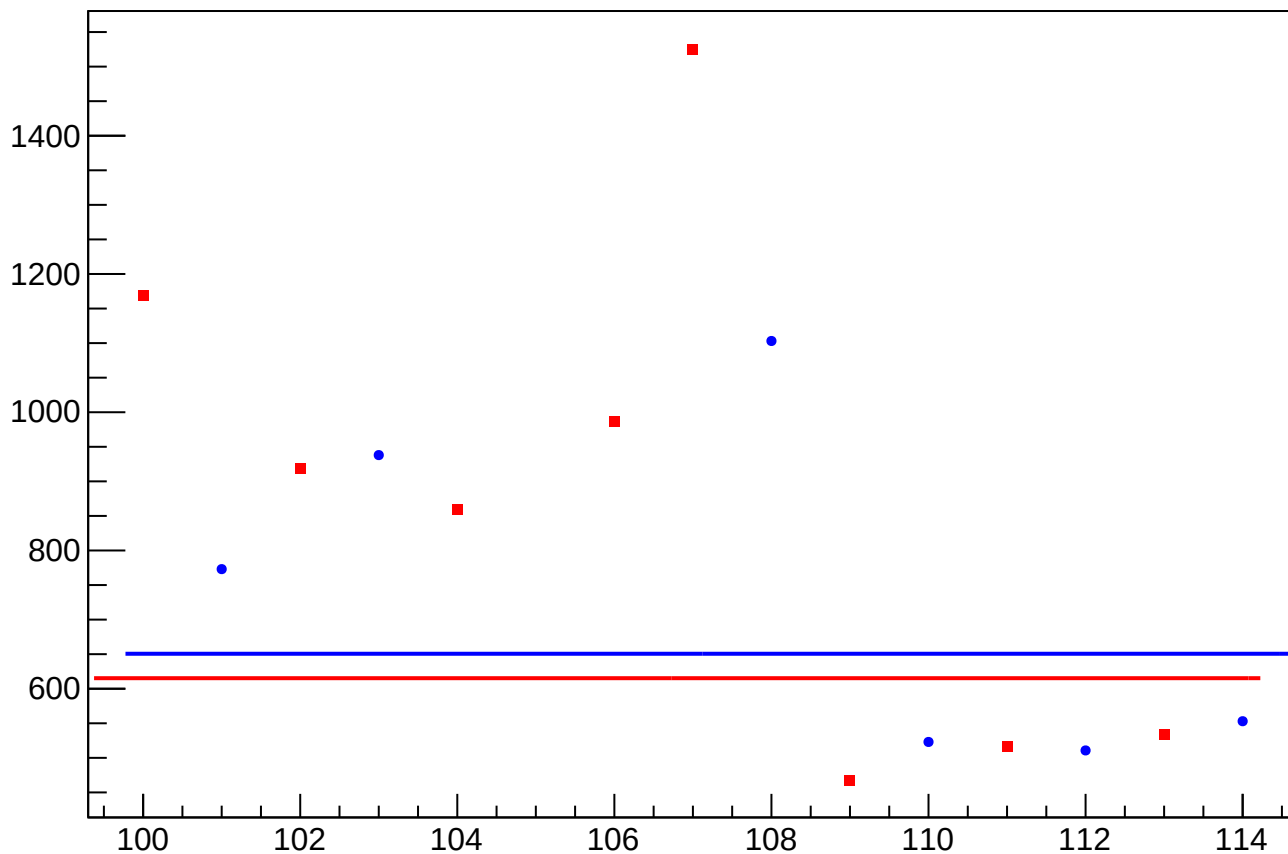
Right: 510.385+/-273.078 χ^2/NDF : 15.8/13

In: 231.343+/-416.508 χ^2/NDF : 7.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.385+/-273.078 χ^2/NDF : 15.8/13

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

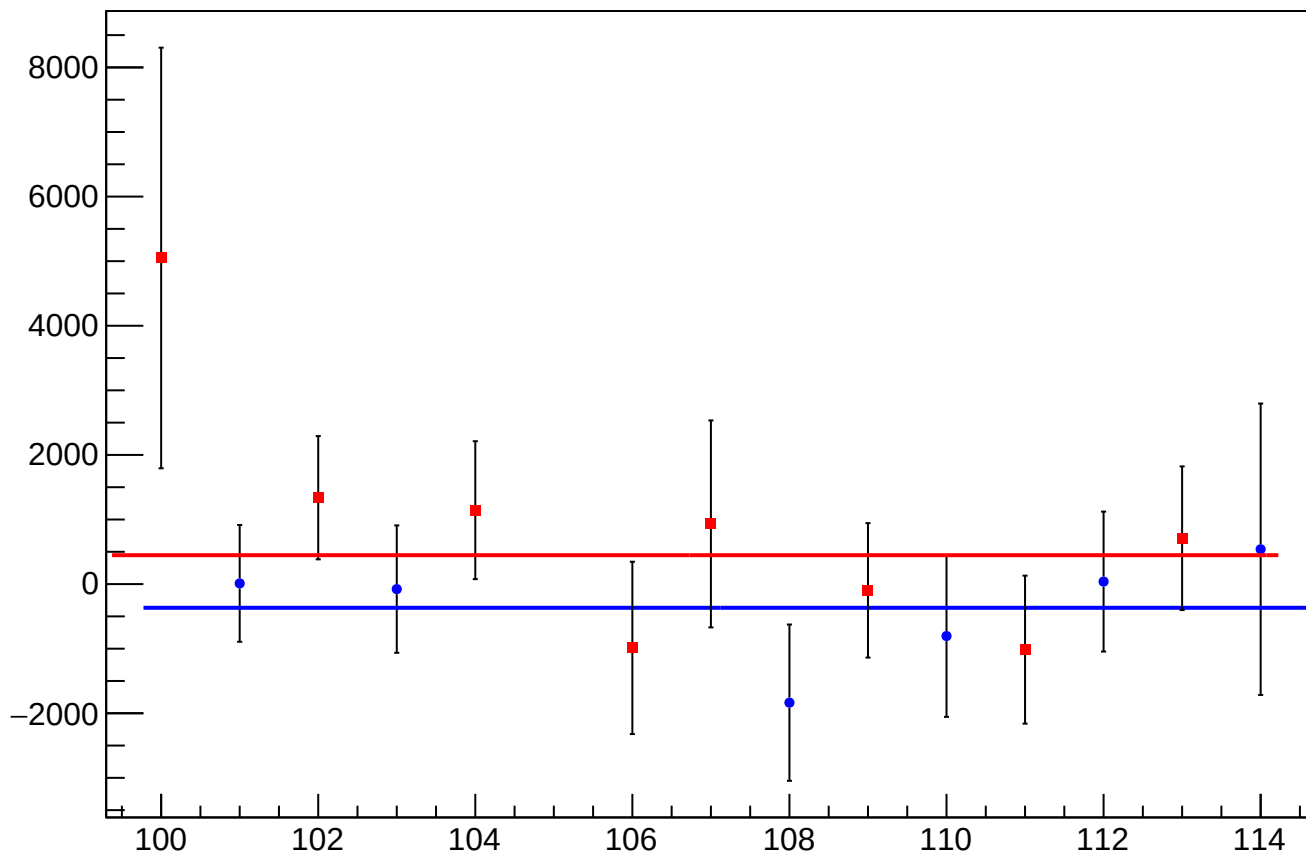
Right: 630.446 $\pm$ 0.193 χ^2 /NDF: 1091643.0/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

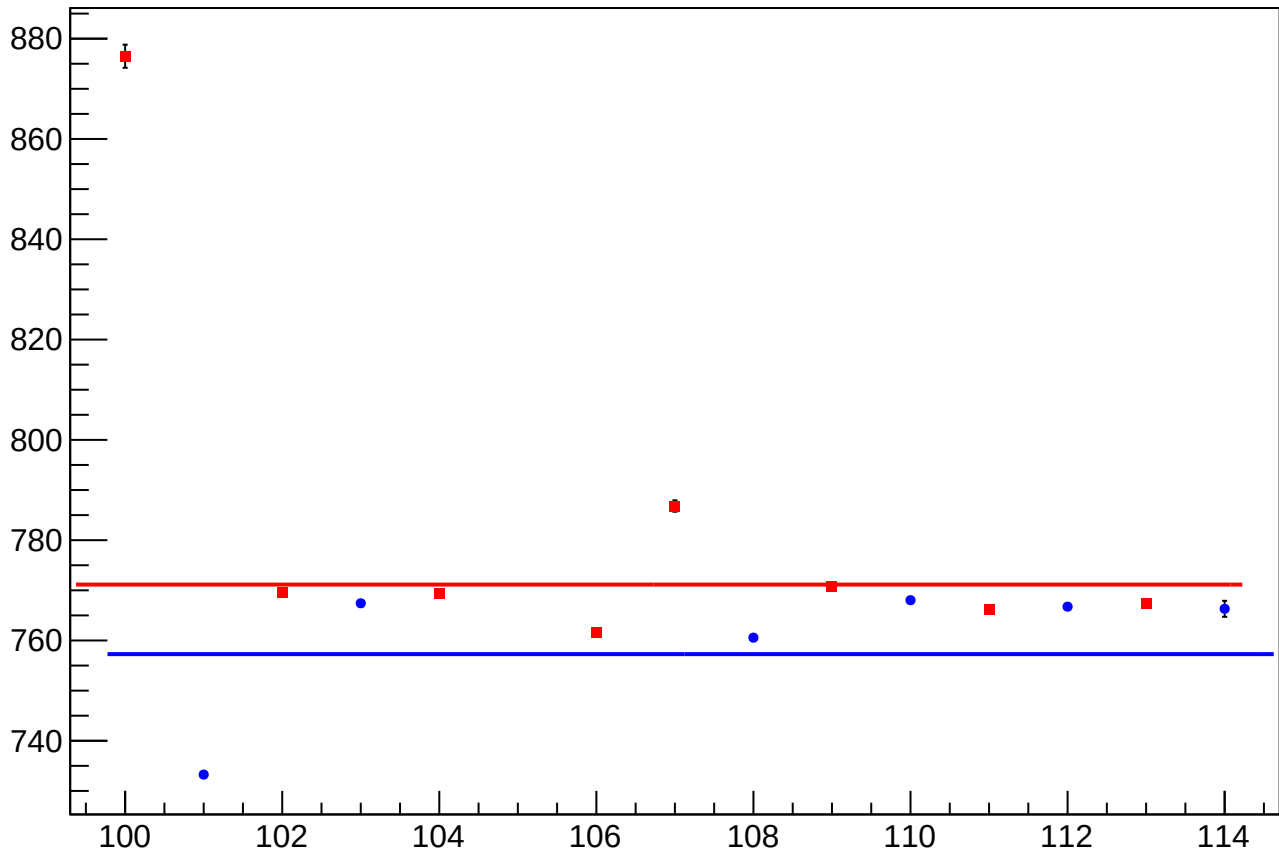
Right: 76.185+/-314.142 χ^2/NDF : 10.3/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.185+/-314.142 χ^2/NDF : 10.3/13

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

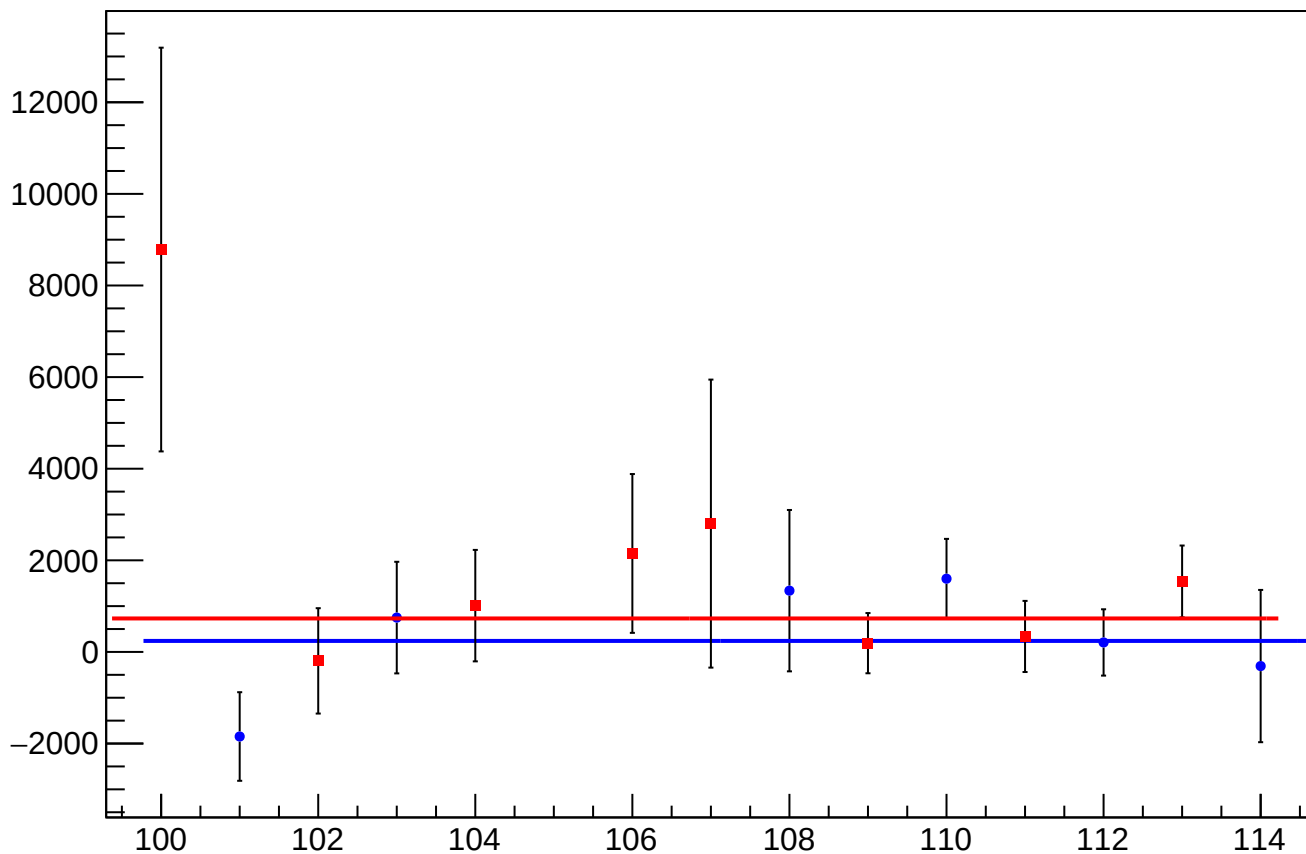
Right: 764.824 $\pm$ 0.222 χ^2 /NDF: 5397.5/13

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

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

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

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 240.267+/-420.400 χ^2/NDF : 7.8/5

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

Right Out: 730.732+/-364.704 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

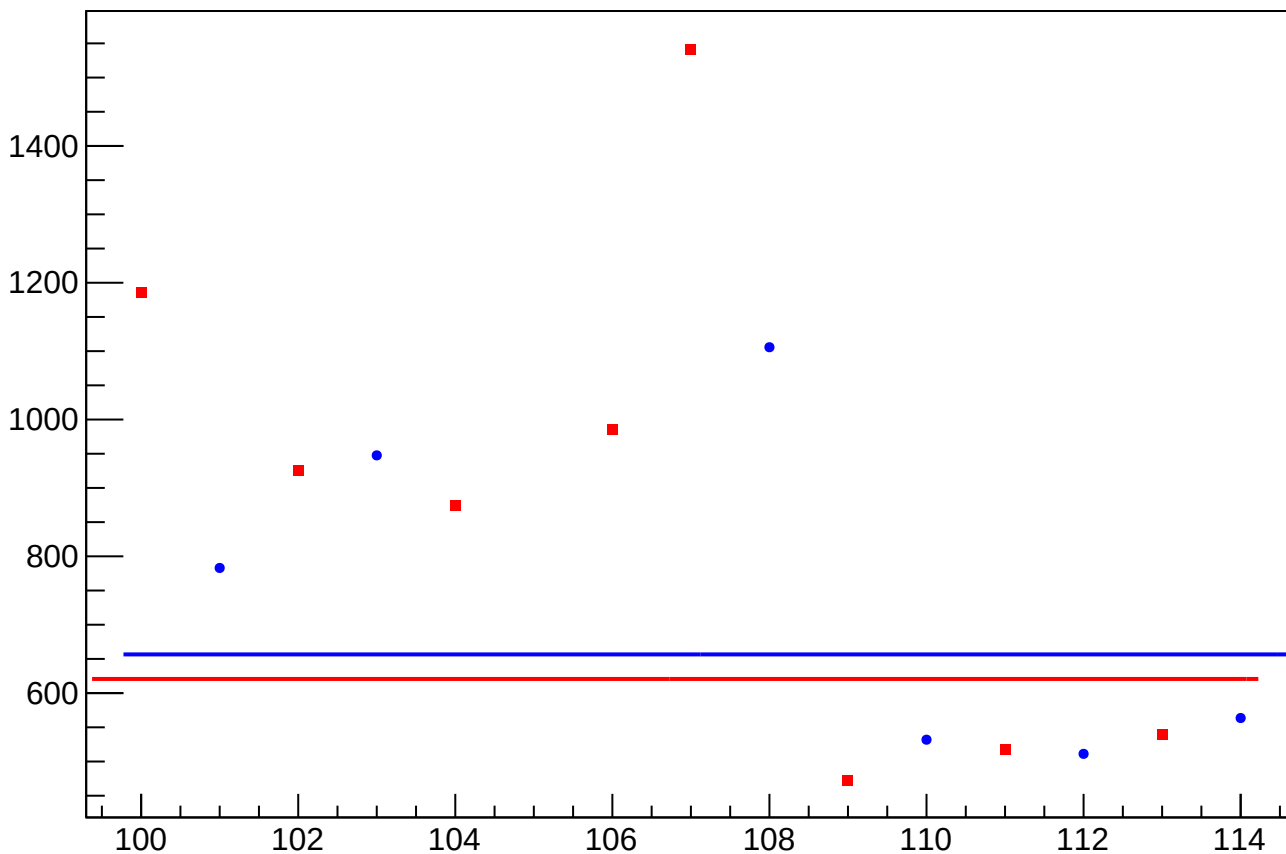
Right: 520.119+/-275.487 χ^2/NDF : 15.7/13

In: 240.267+/-420.400 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.119+/-275.487 χ^2/NDF : 15.7/13

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

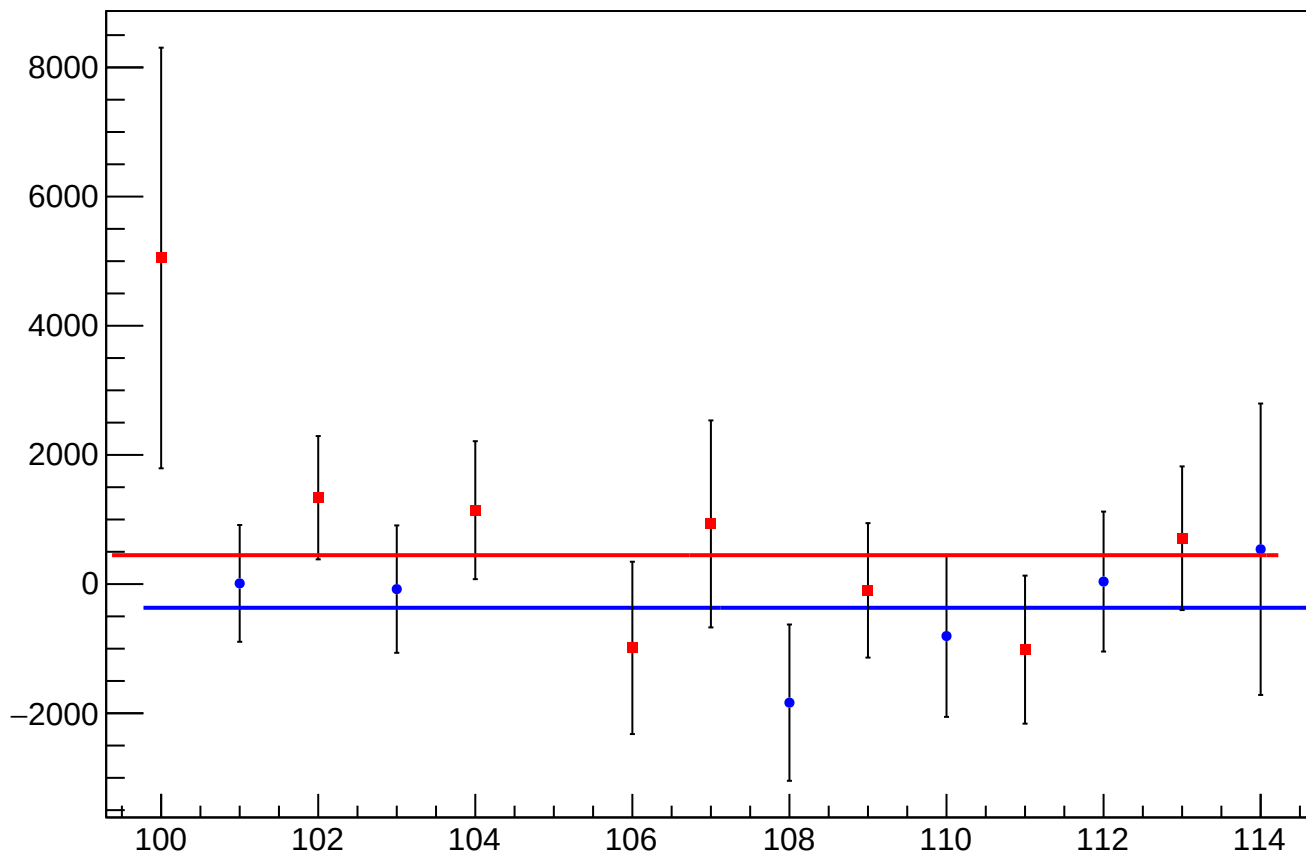
Right: 636.128+/-0.195 χ^2/NDF : 1093687.4/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

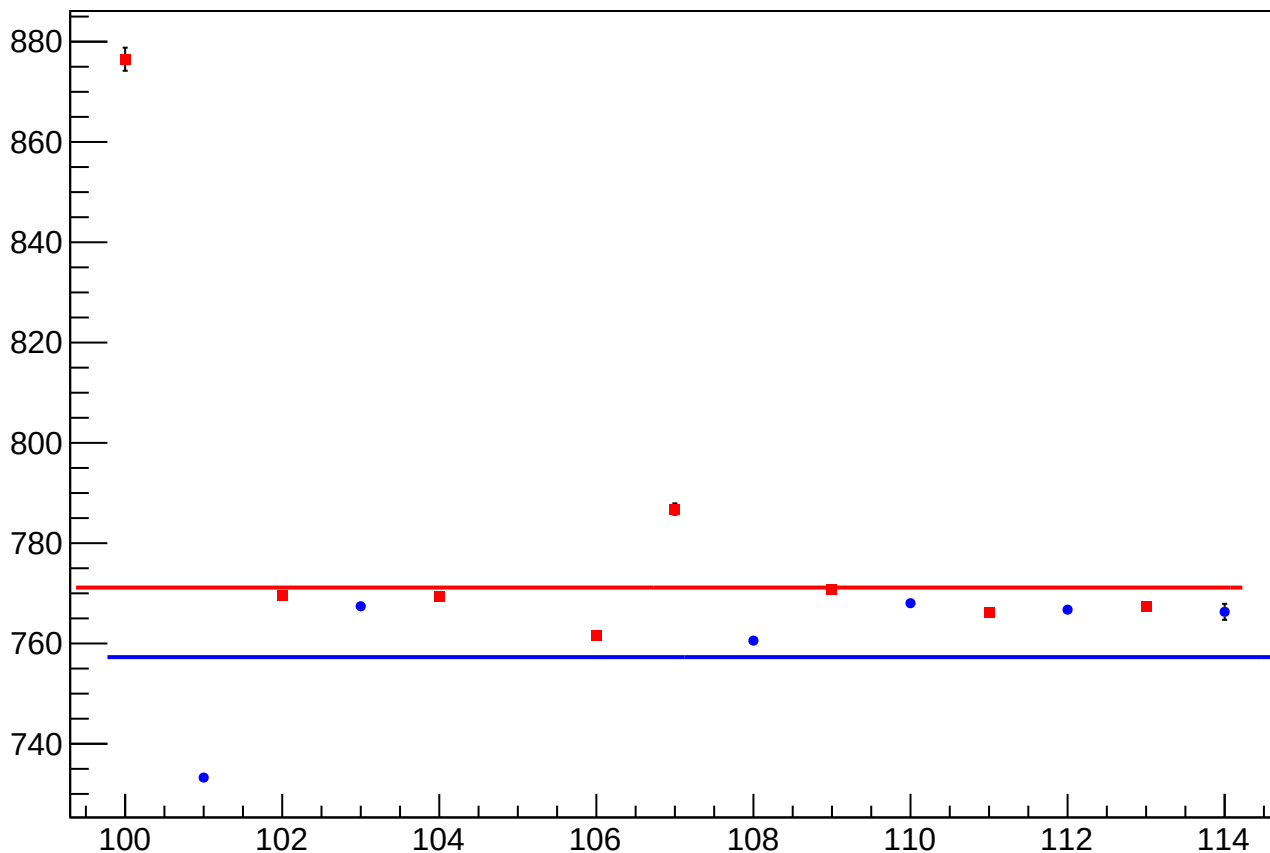
Right: 76.182+/-314.142 χ^2/NDF : 10.3/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.182+/-314.142 χ^2/NDF : 10.3/13

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 757.277+/-0.329 χ^2/NDF : 1969.6/5

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

Right Out: 771.149+/-0.301 χ^2/NDF : 2460.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

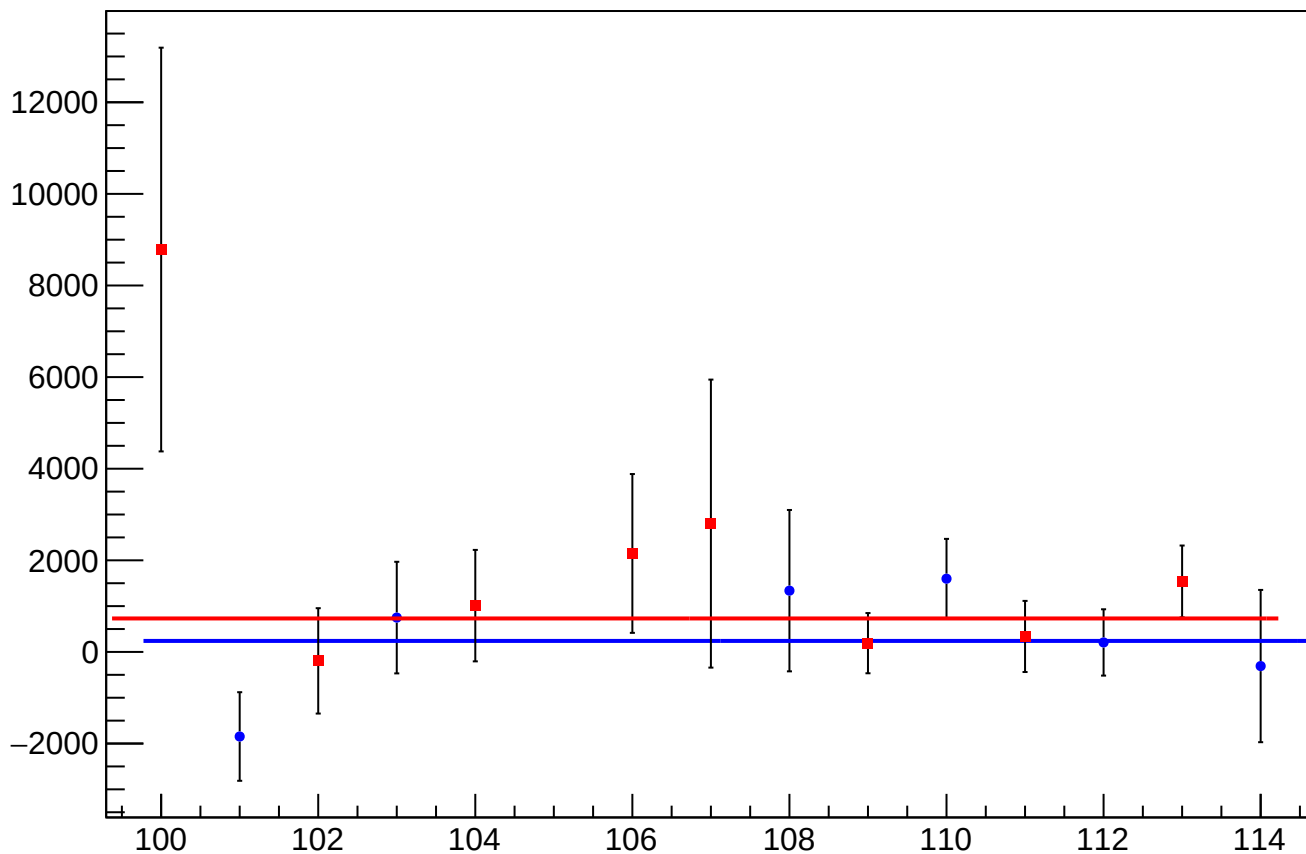
Right: 764.824+/-0.222 χ^2/NDF : 5397.5/13

In: 757.277+/-0.329 χ^2/NDF : 1969.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.824+/-0.222 χ^2/NDF : 5397.5/13

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 240.268+/-420.397 χ^2/NDF : 7.8/5

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

Right Out: 730.729+/-364.702 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

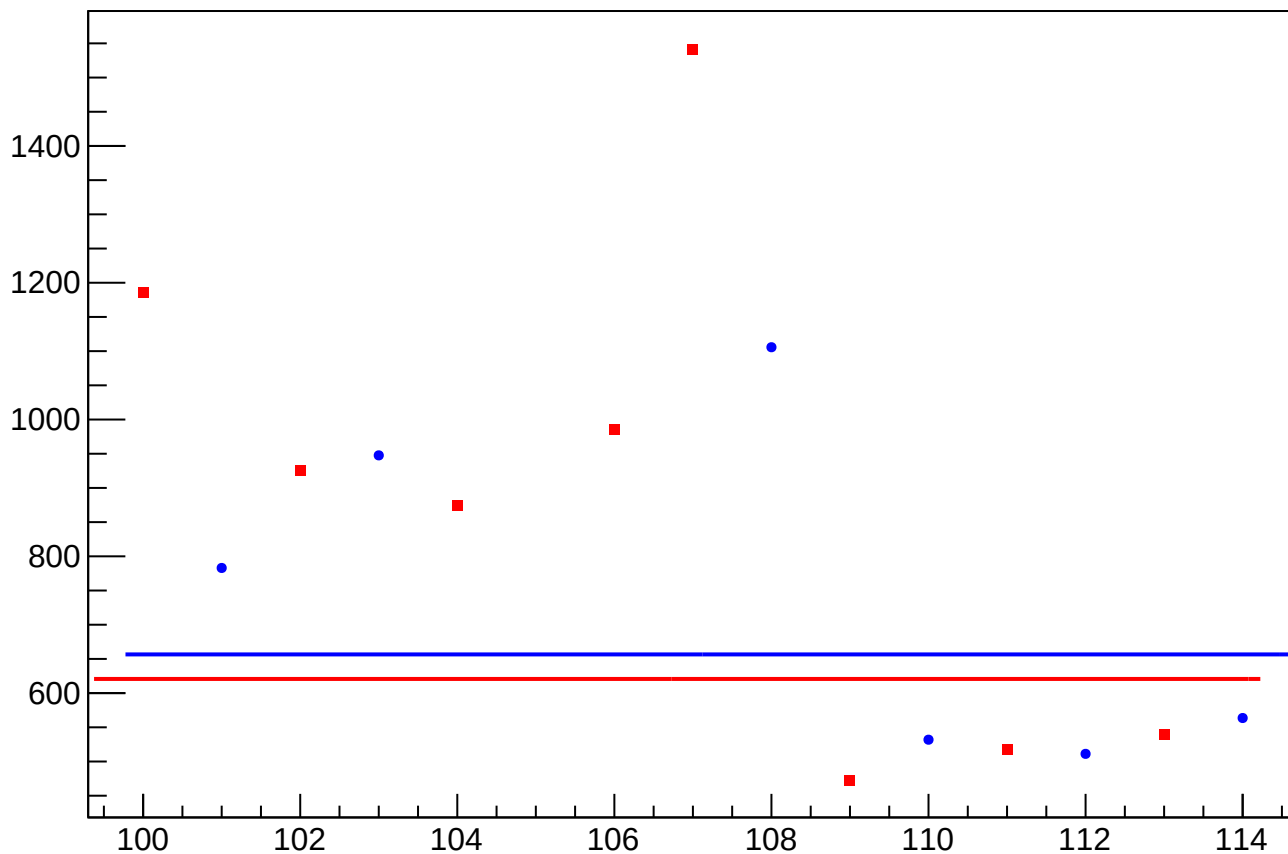
Right: 520.118+/-275.485 χ^2/NDF : 15.7/13

In: 240.268+/-420.397 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.118+/-275.485 χ^2/NDF : 15.7/13

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 656.588+/-0.297 χ^2/NDF : 406415.6/5

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

Right Out: 620.721+/-0.258 χ^2/NDF : 678994.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

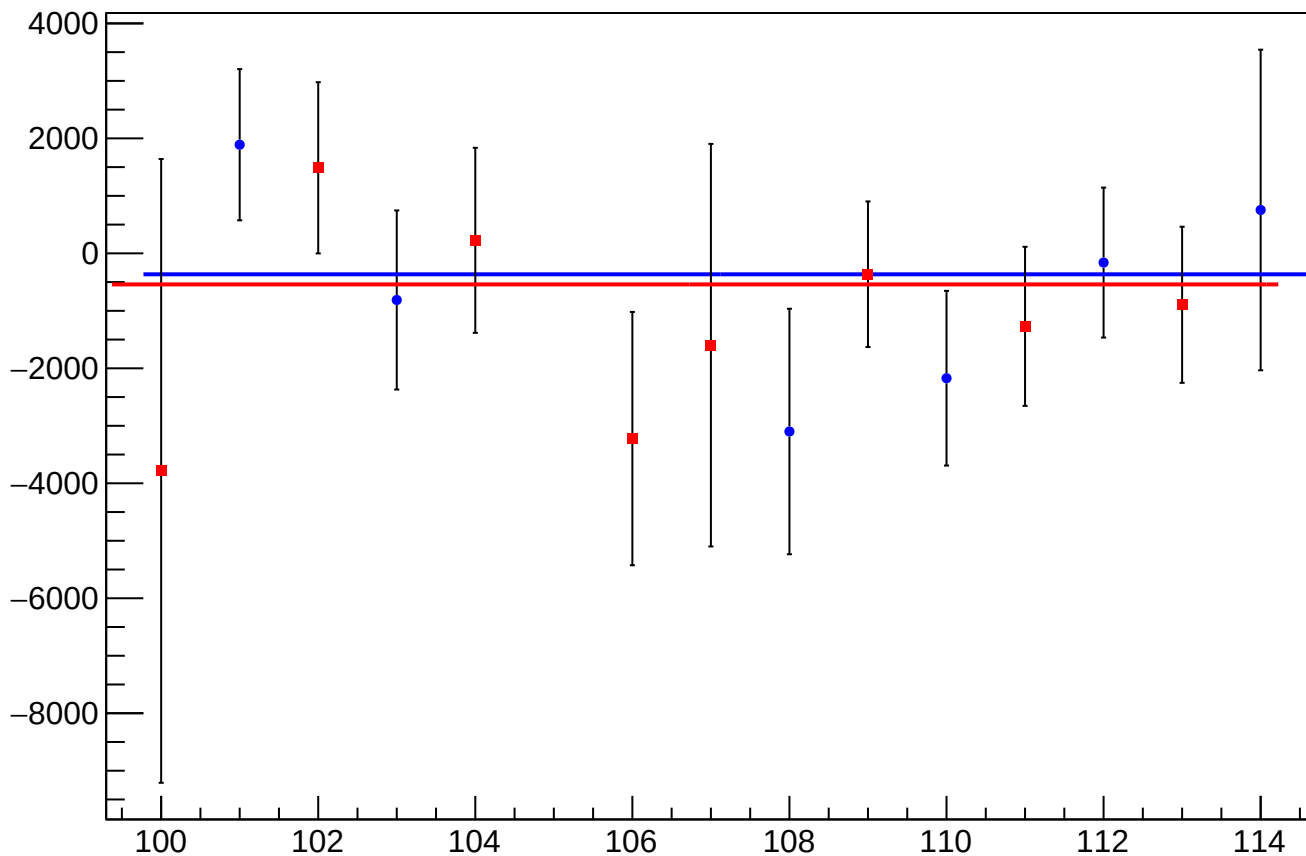
Right: 636.123+/-0.195 χ^2/NDF : 1093717.0/13

In: 656.588+/-0.297 χ^2/NDF : 406415.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.123+/-0.195 χ^2/NDF : 1093717.0/13

asym_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

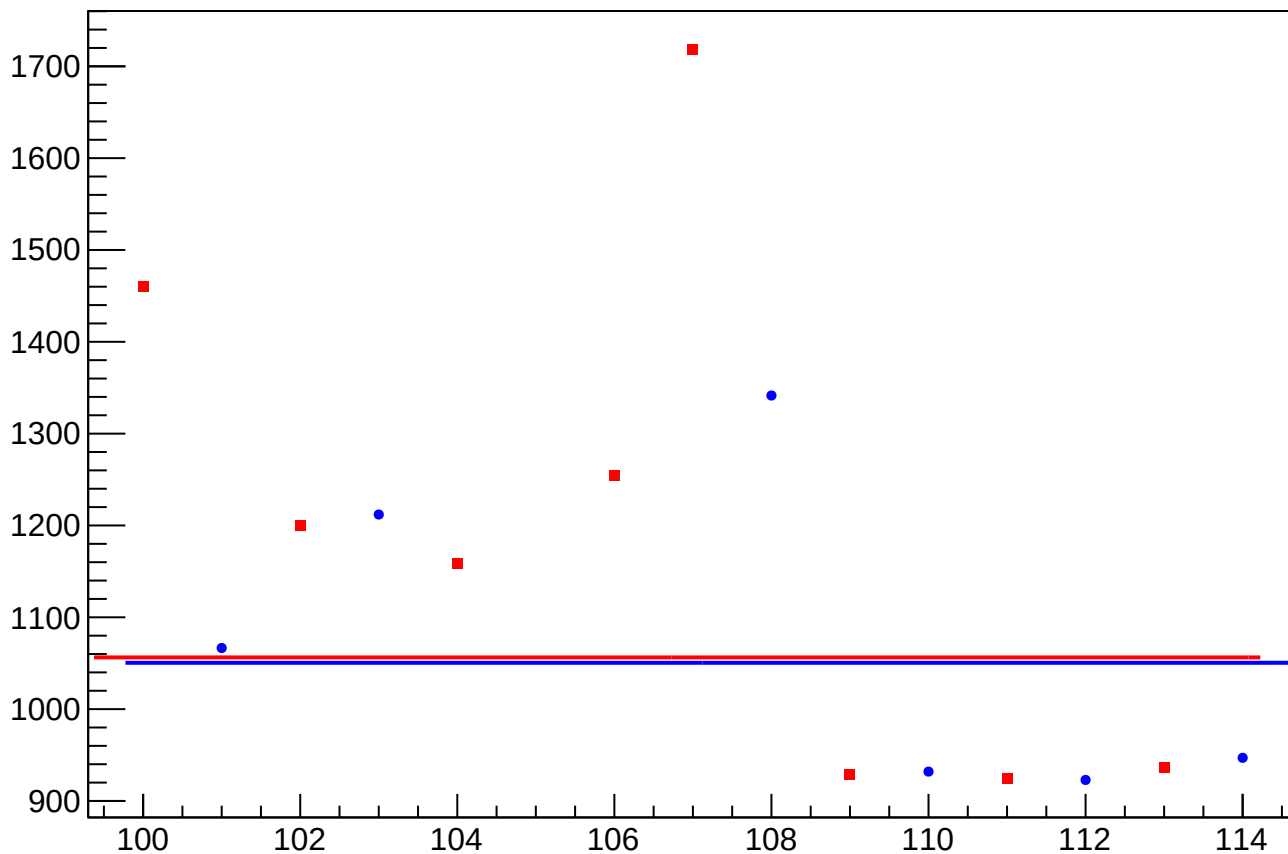
Right: -460.921+/-438.300 χ^2/NDF : 10.7/13

In: -364.712+/-651.138 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.921+/-438.300 χ^2/NDF : 10.7/13

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1050.483+/-0.460 χ^2/NDF : 92986.1/5

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

Right Out: 1056.305+/-0.419 χ^2/NDF : 179149.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

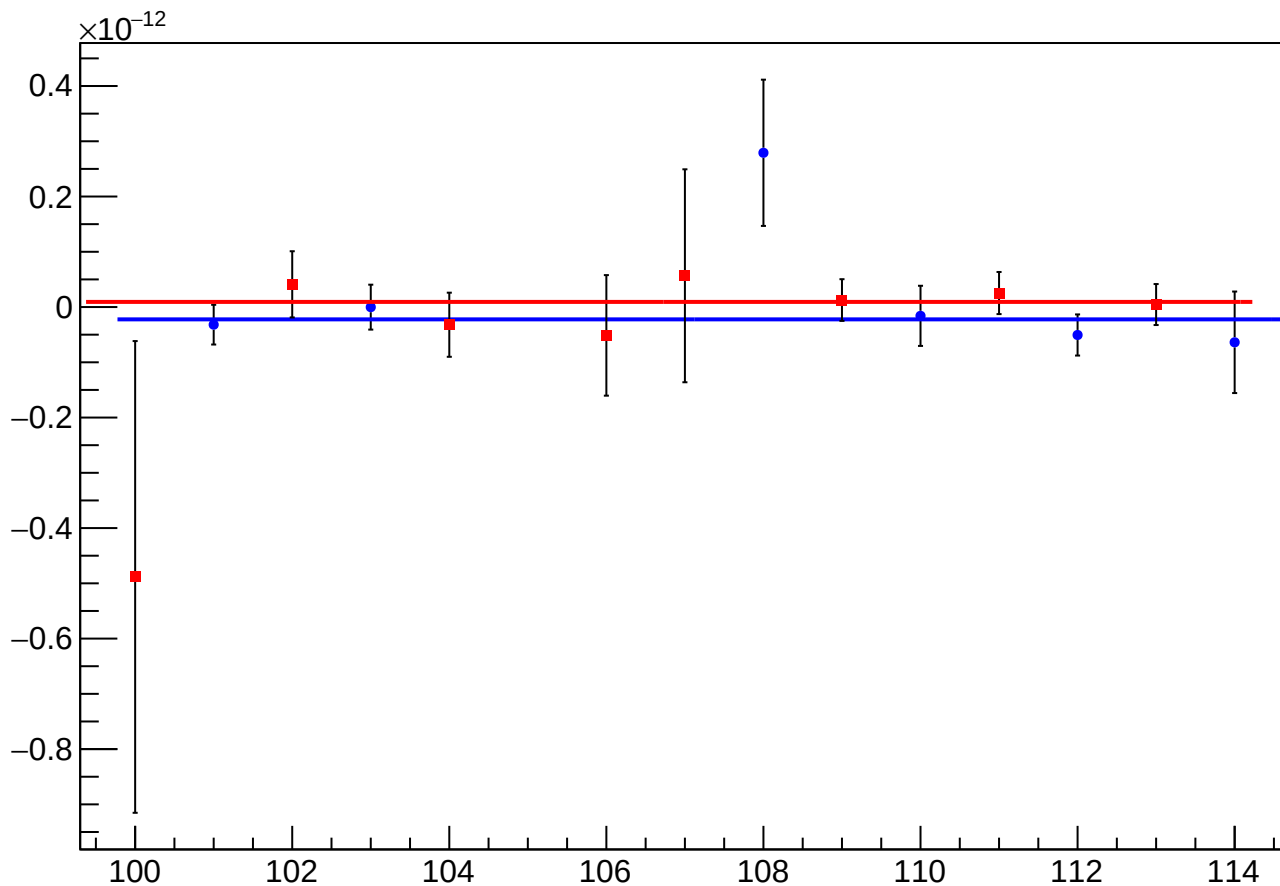
Right: 1053.667+/-0.310 χ^2/NDF : 272222.8/13

In: 1050.483+/-0.460 χ^2/NDF : 92986.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.667+/-0.310 χ^2/NDF : 272222.8/13

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 2.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

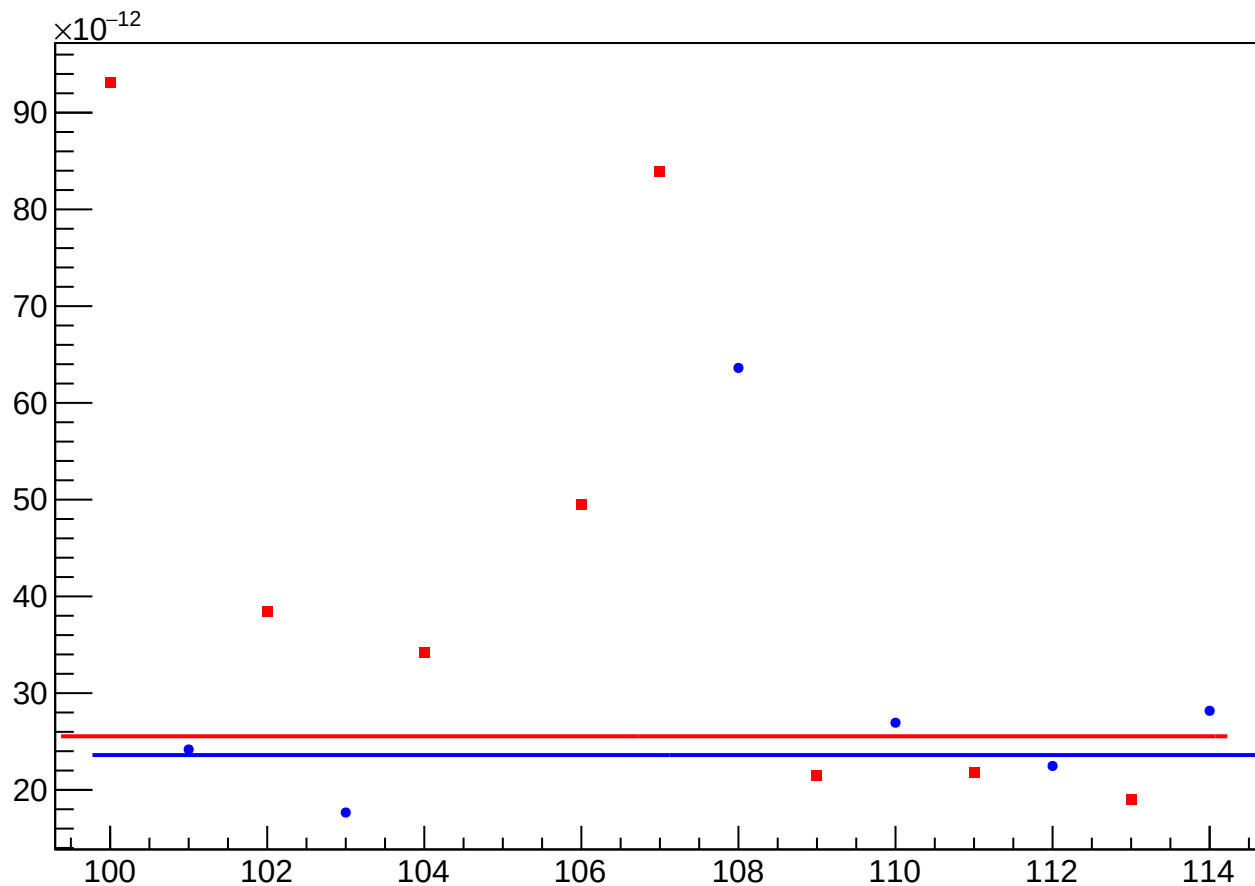
Right: -0.000+/-0.000 χ^2/NDF : 10.4/13

In: -0.000+/-0.000 χ^2/NDF :6.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/13

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

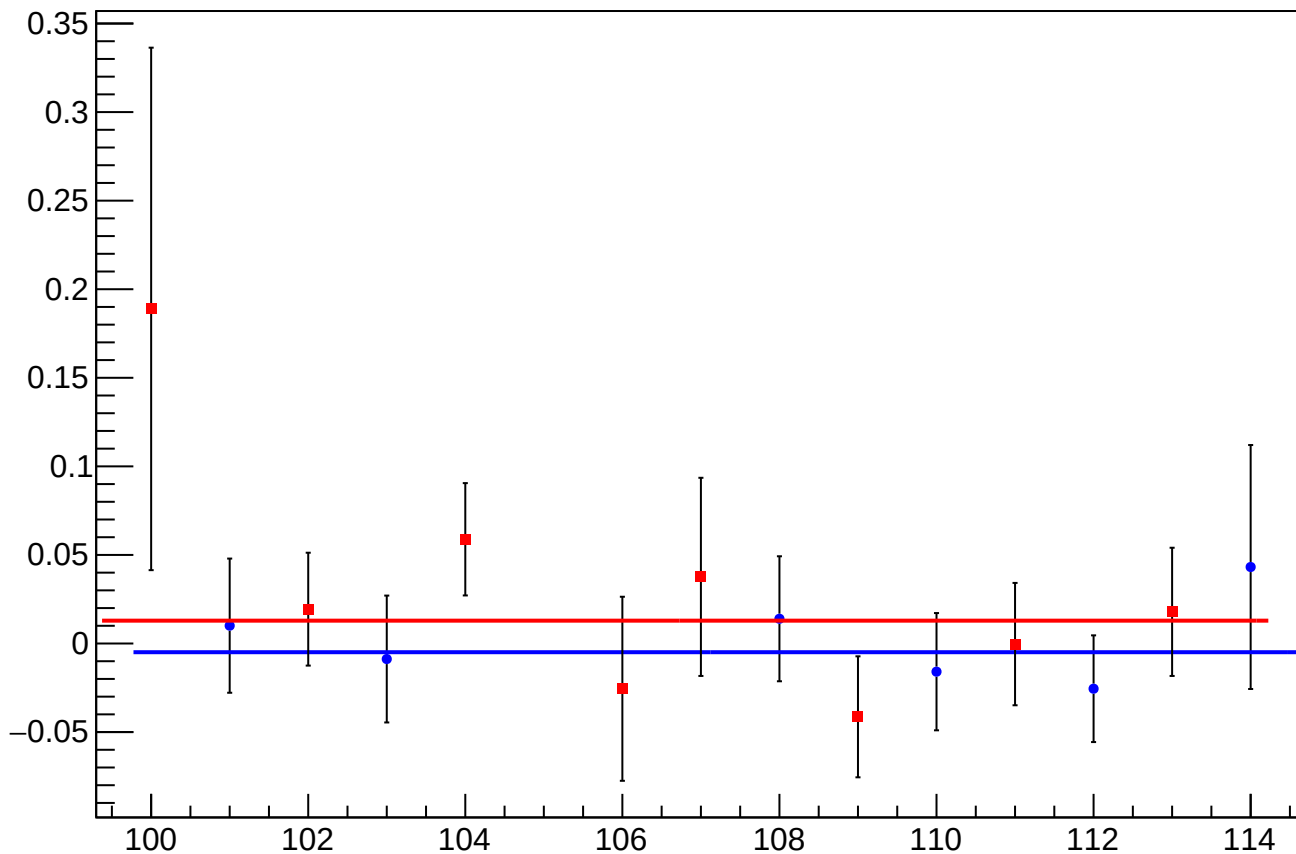
Right: 0.000+/-0.000 χ^2/NDF : 820263.0/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

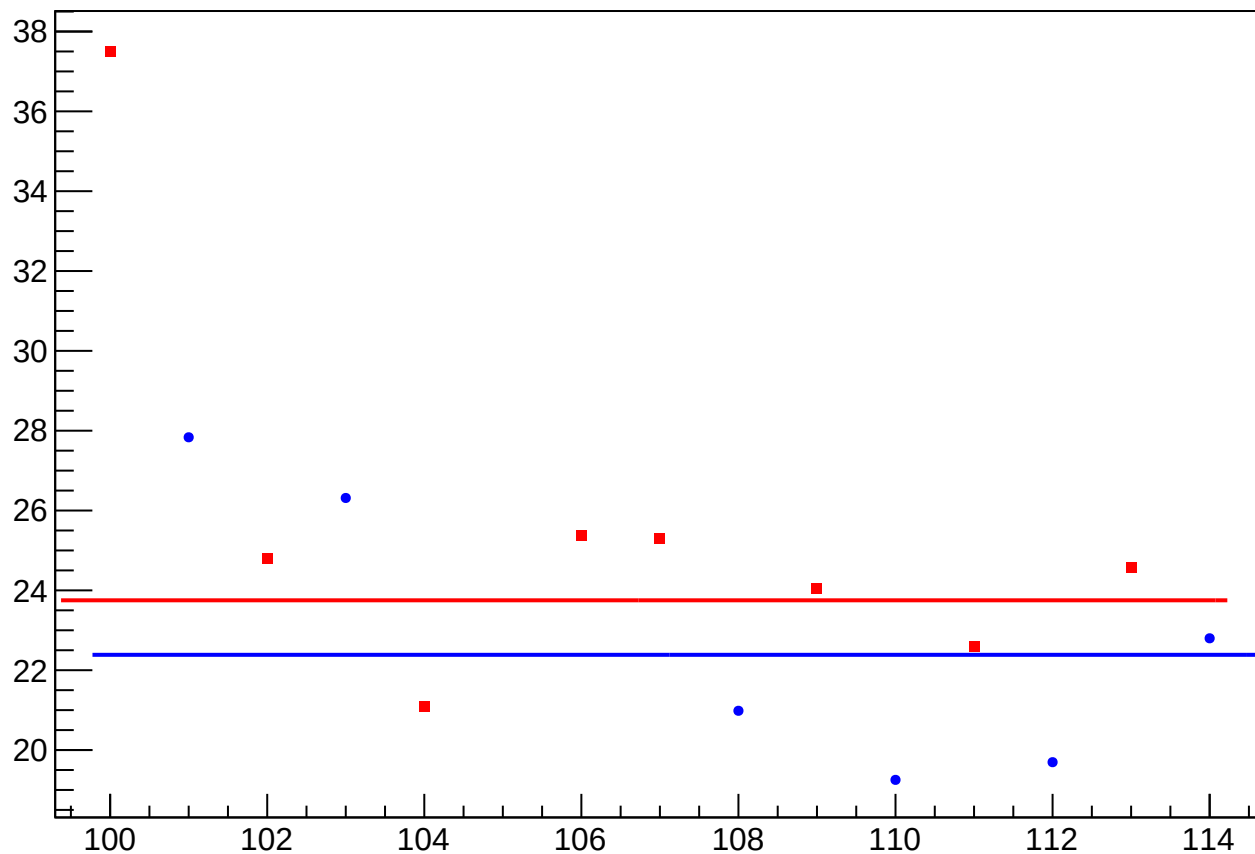
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 9.3/13

In: -0.005 $\pm$ 0.015 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 9.3/13

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

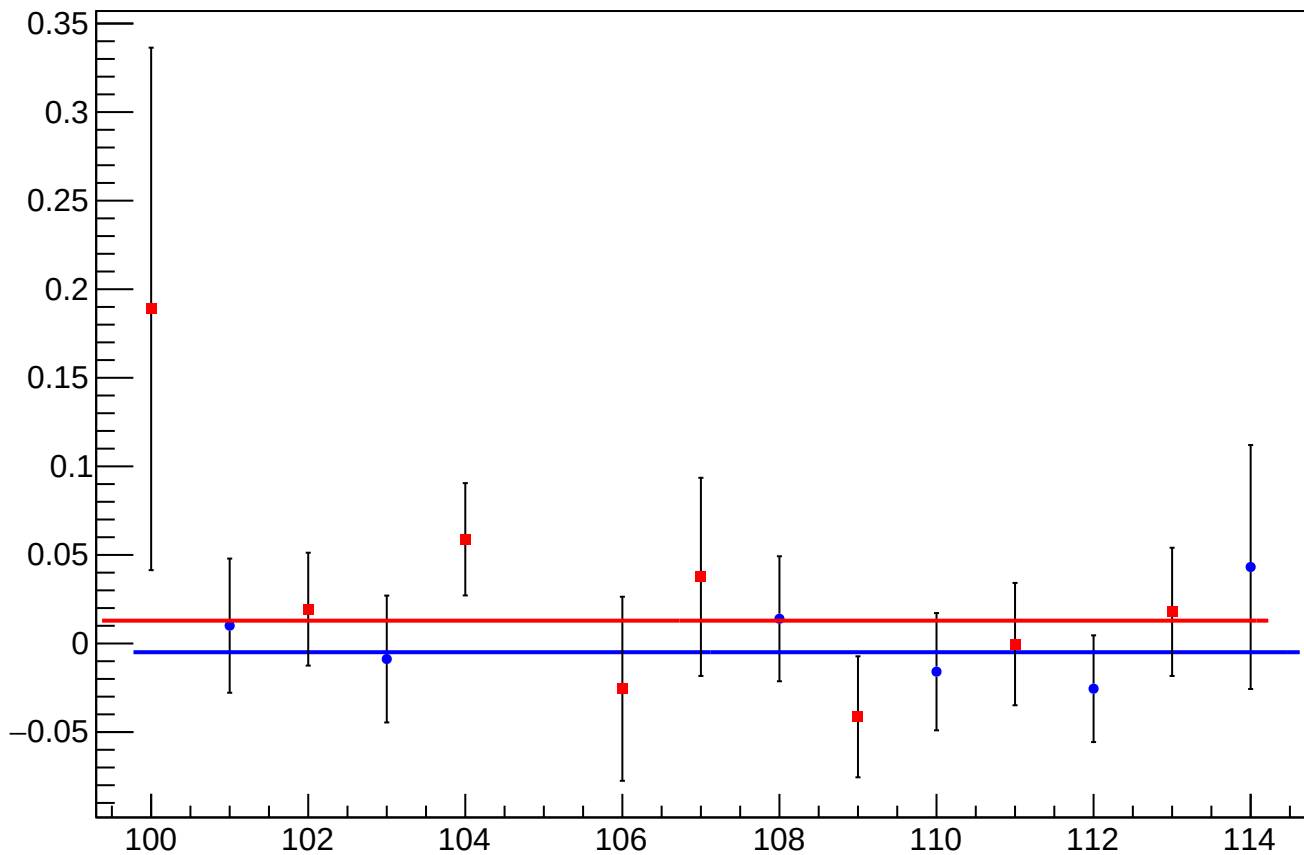
Right: 23.115+/-0.007 χ^2/NDF : 152207.4/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

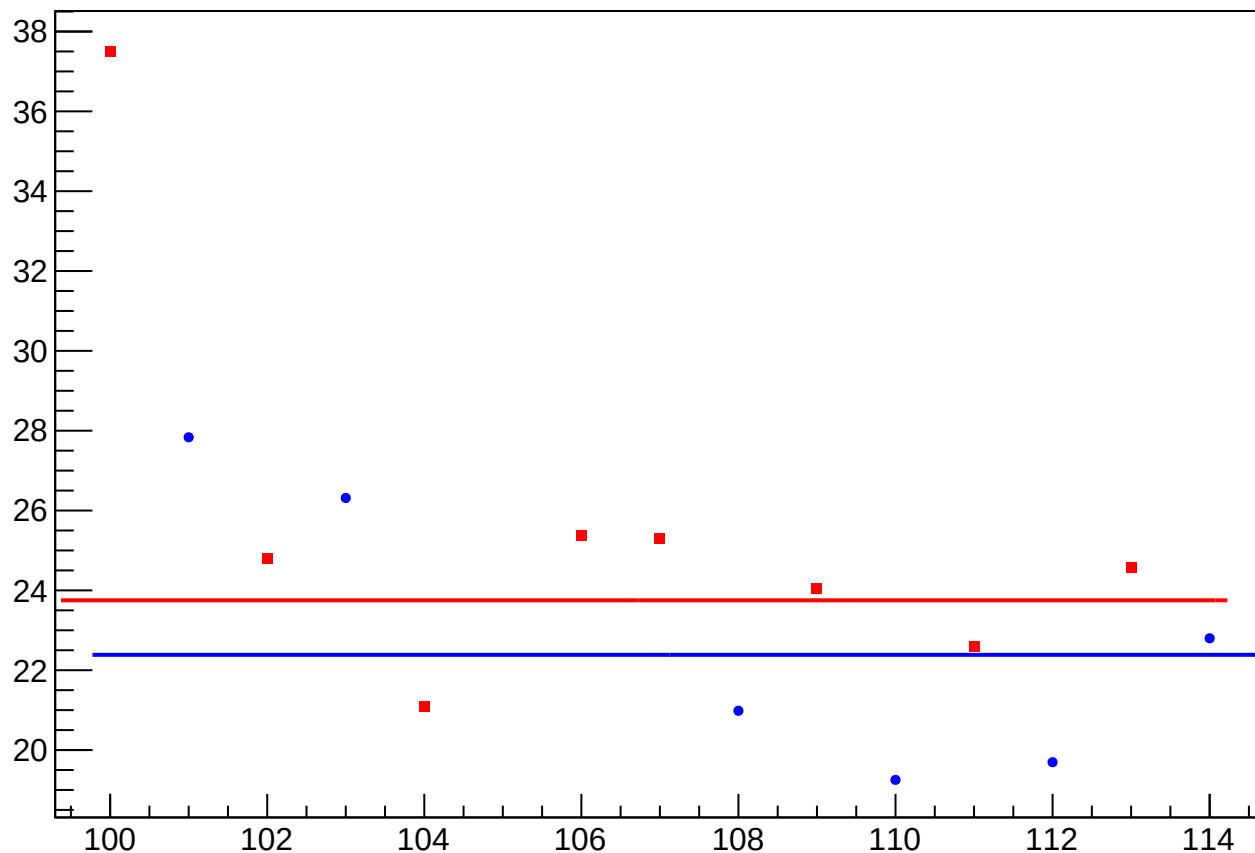
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 9.3/13

In: -0.005 $\pm$ 0.015 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 9.3/13

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

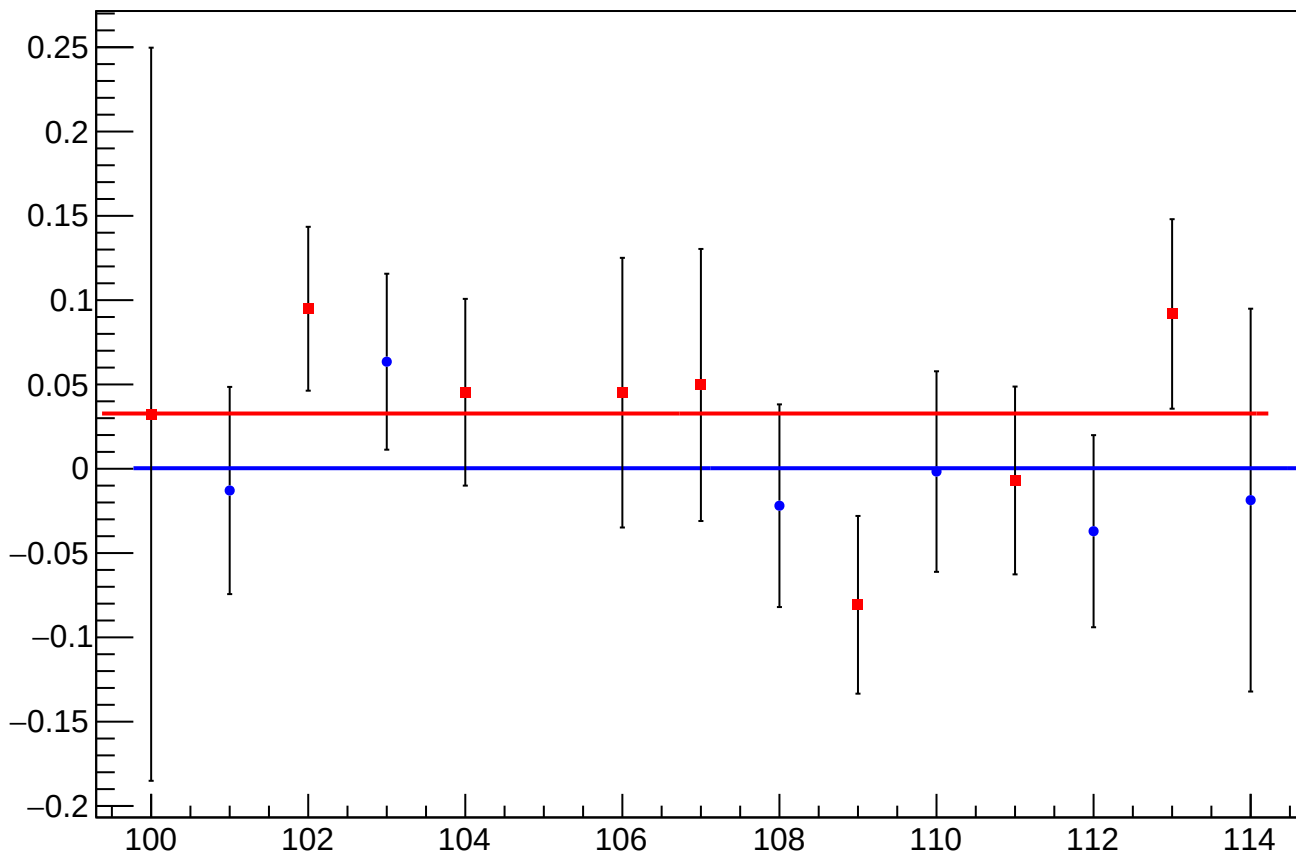
Right: 23.115+/-0.007 χ^2/NDF : 152207.4/13

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

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

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

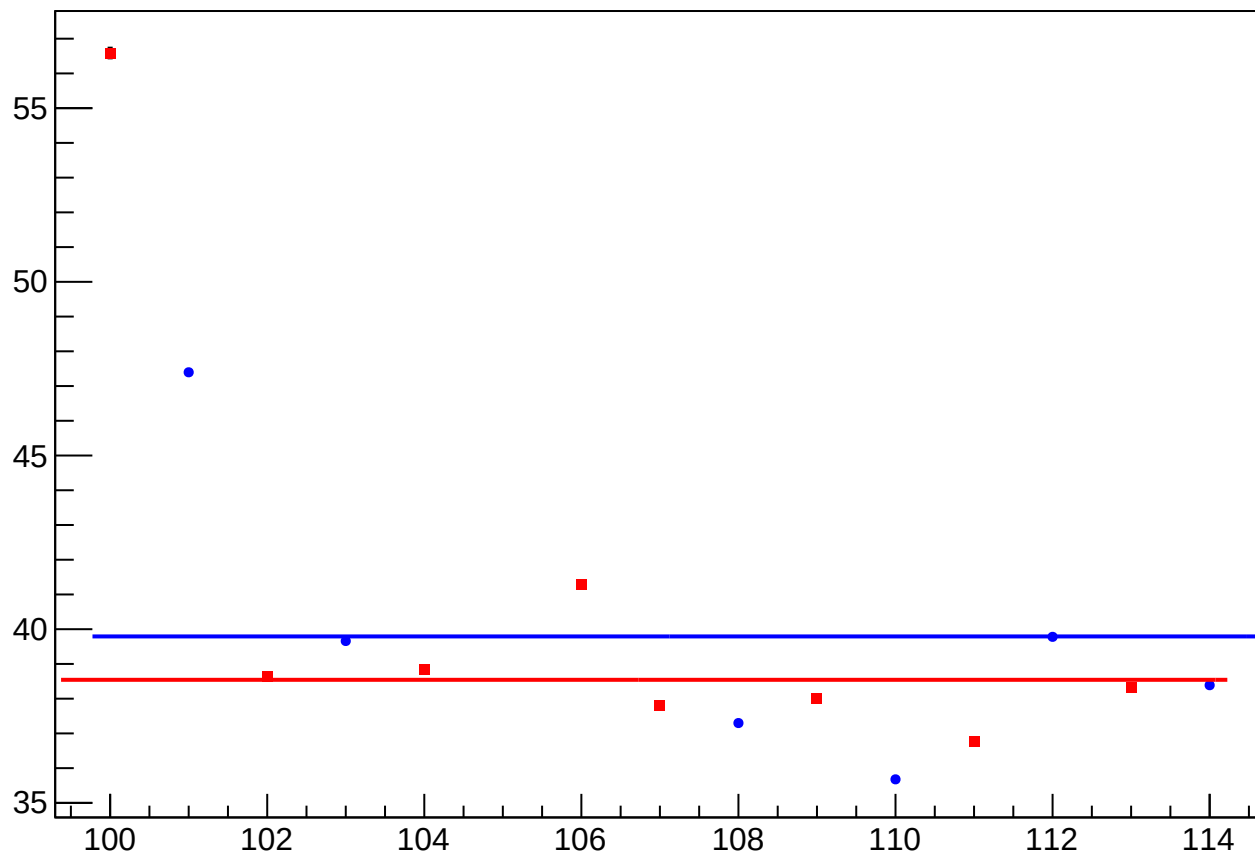
Right: 0.019+/-0.017 χ^2/NDF : 11.1/13

In: 0.000+/-0.025 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.017 χ^2/NDF : 11.1/13

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

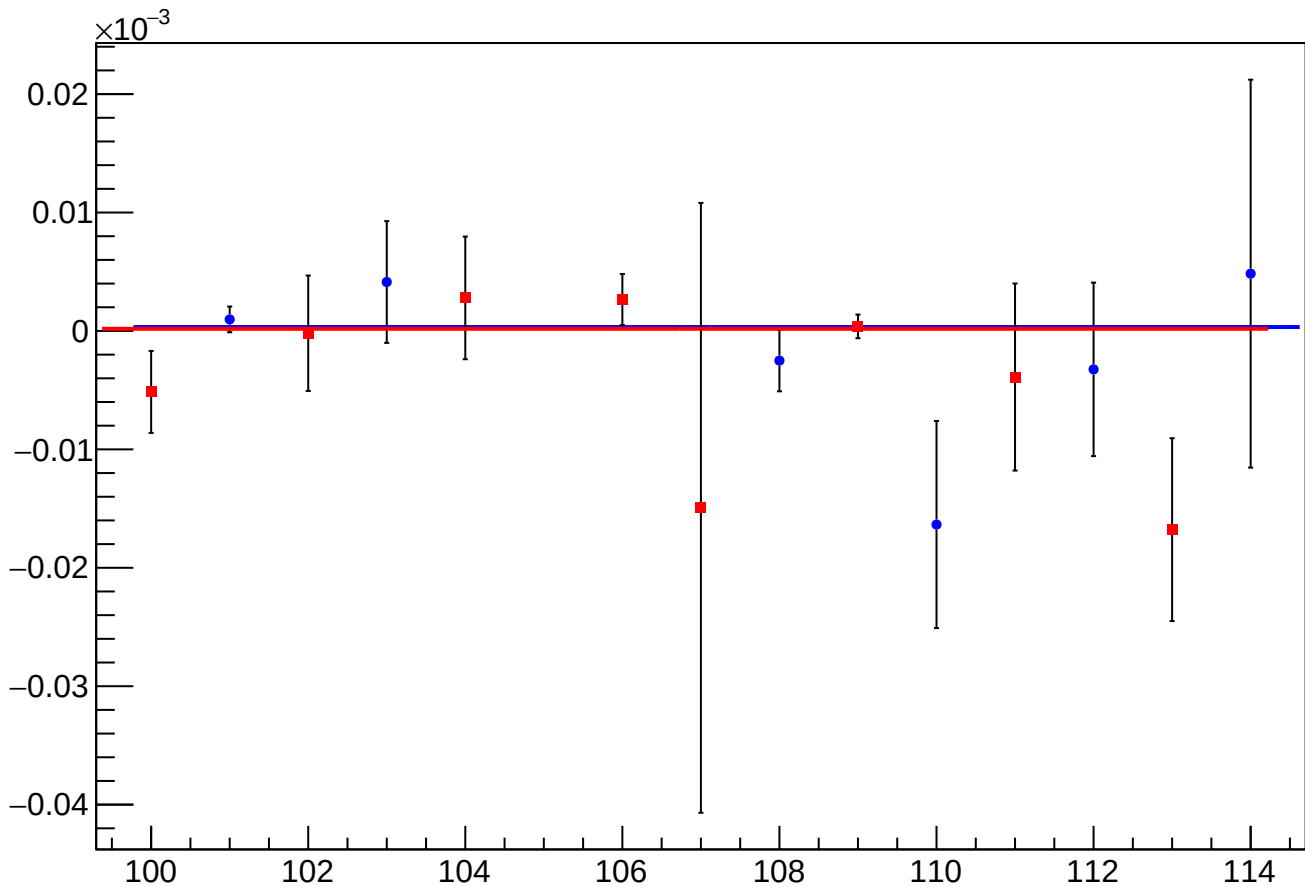
Right: 39.082+/-0.012 χ^2/NDF : 65401.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

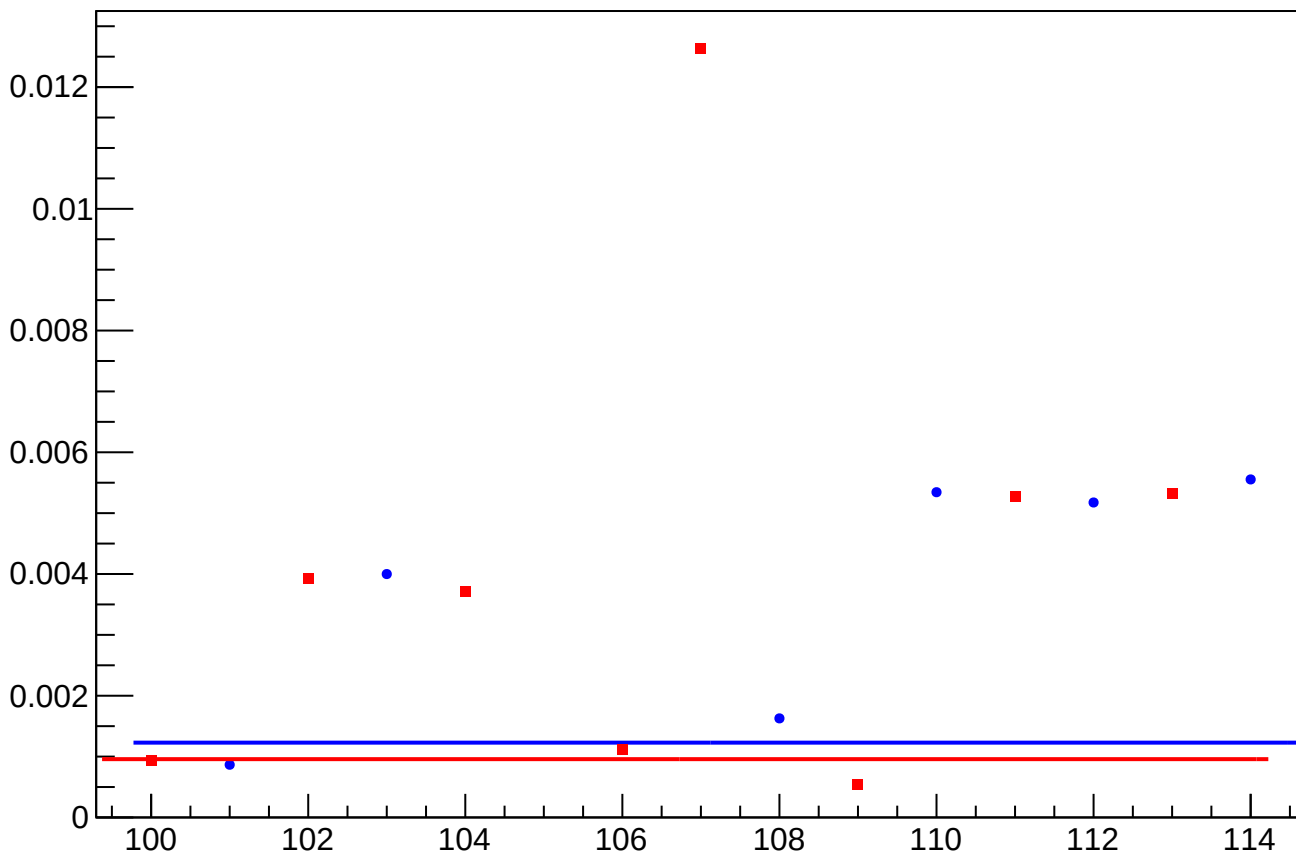
Right: 0.000+/-0.000 χ^2/NDF : 15.5/13

In: 0.000+/-0.000 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.5/13

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

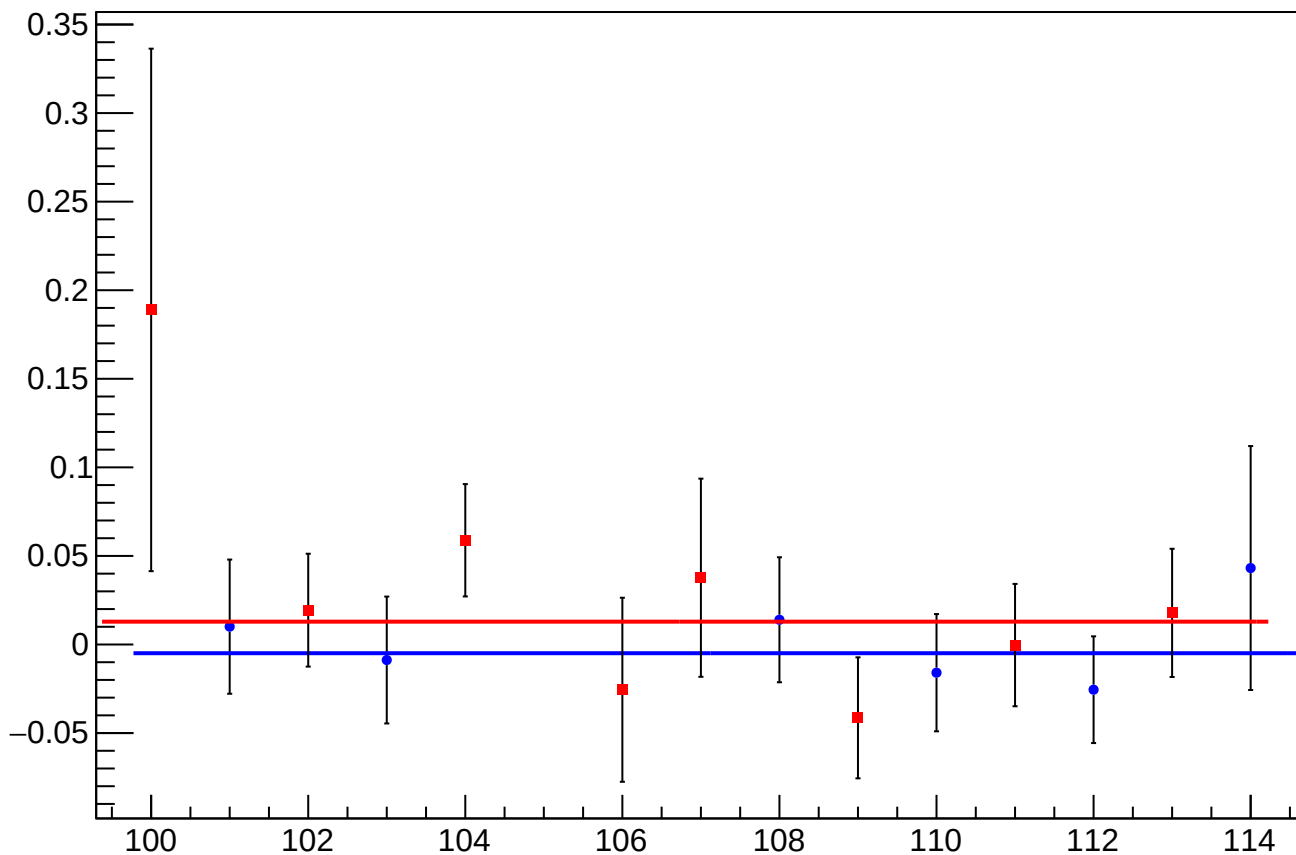
Right: 0.001+/-0.000 χ^2/NDF : 5421103.8/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

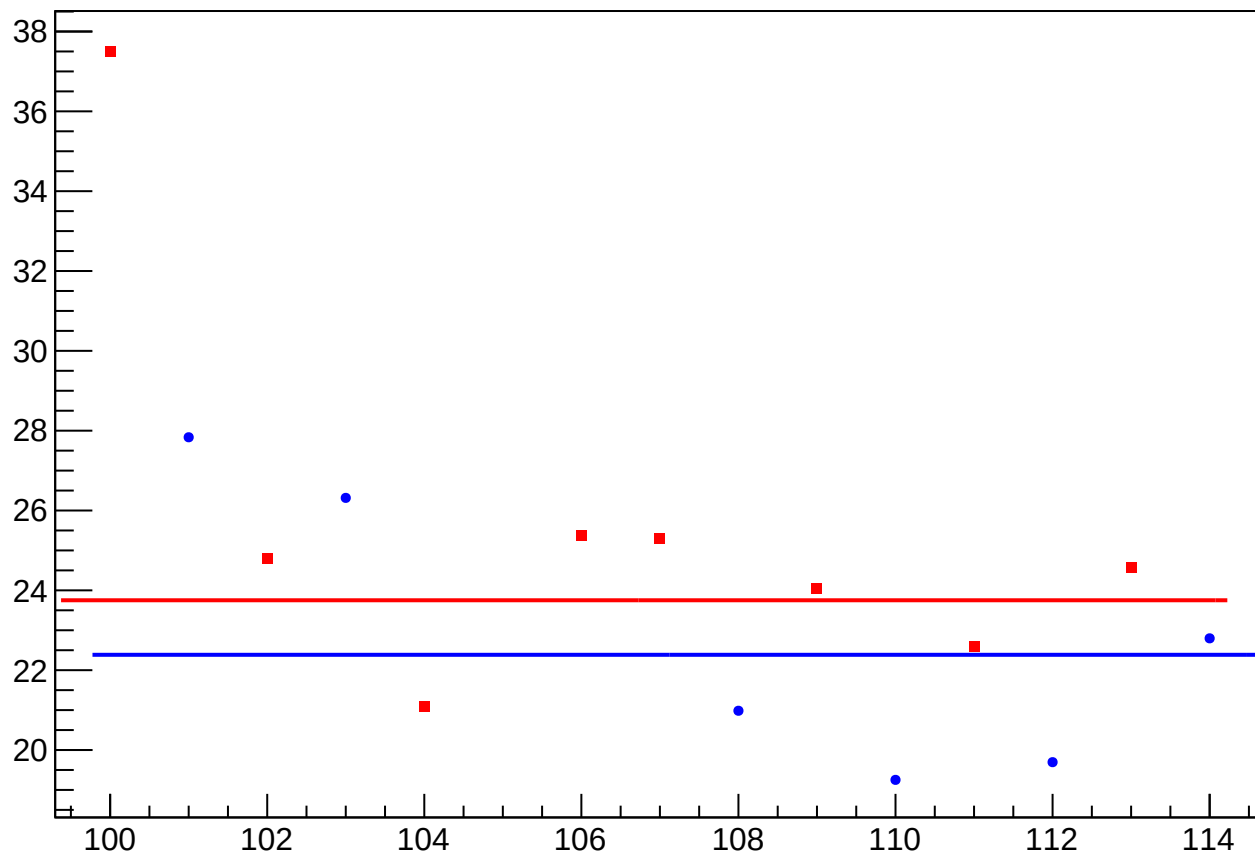
Right: 0.005 ± 0.010 χ^2/NDF : 9.3/13

In: -0.005 ± 0.015 χ^2/NDF : 1.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.005 ± 0.010 χ^2/NDF : 9.3/13

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

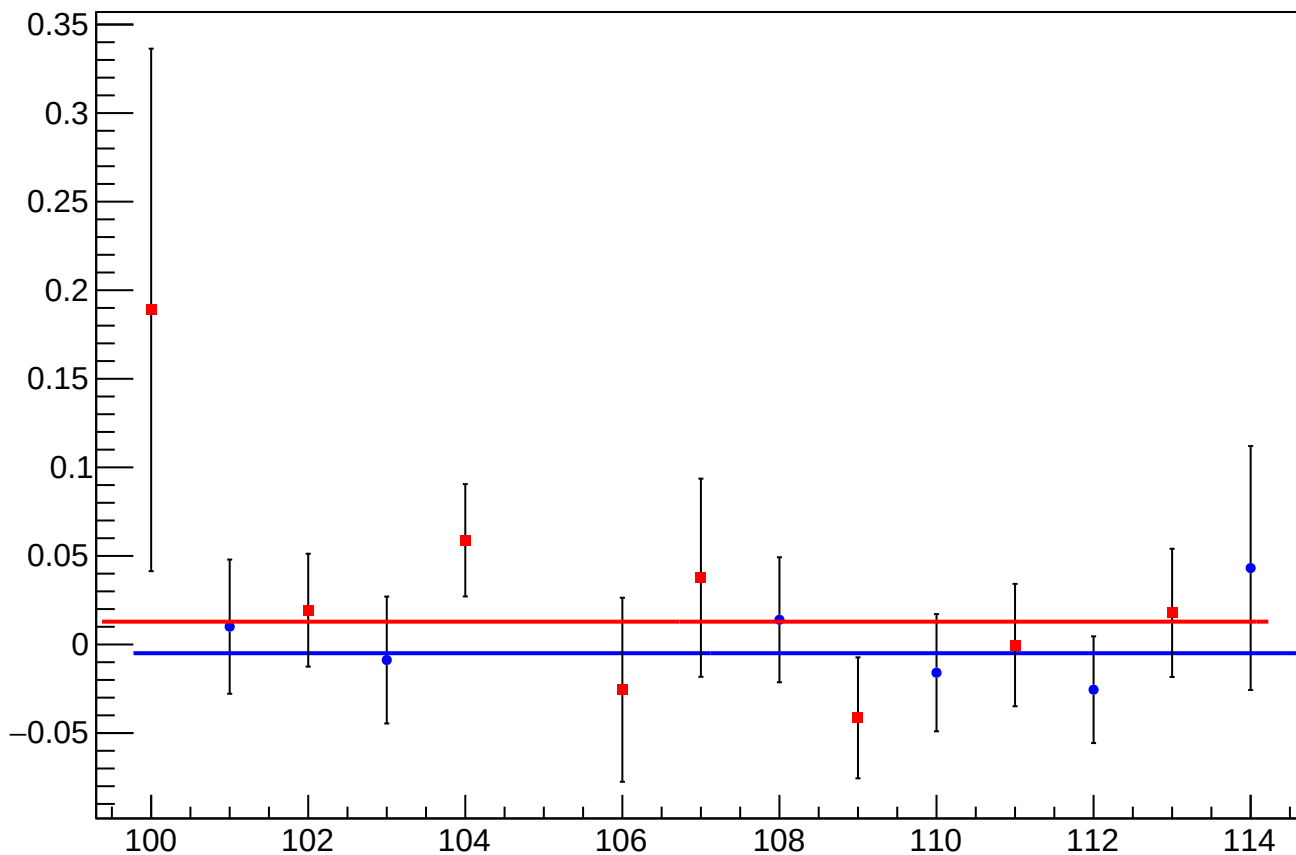
Right: 23.116+/-0.007 χ^2/NDF : 152242.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

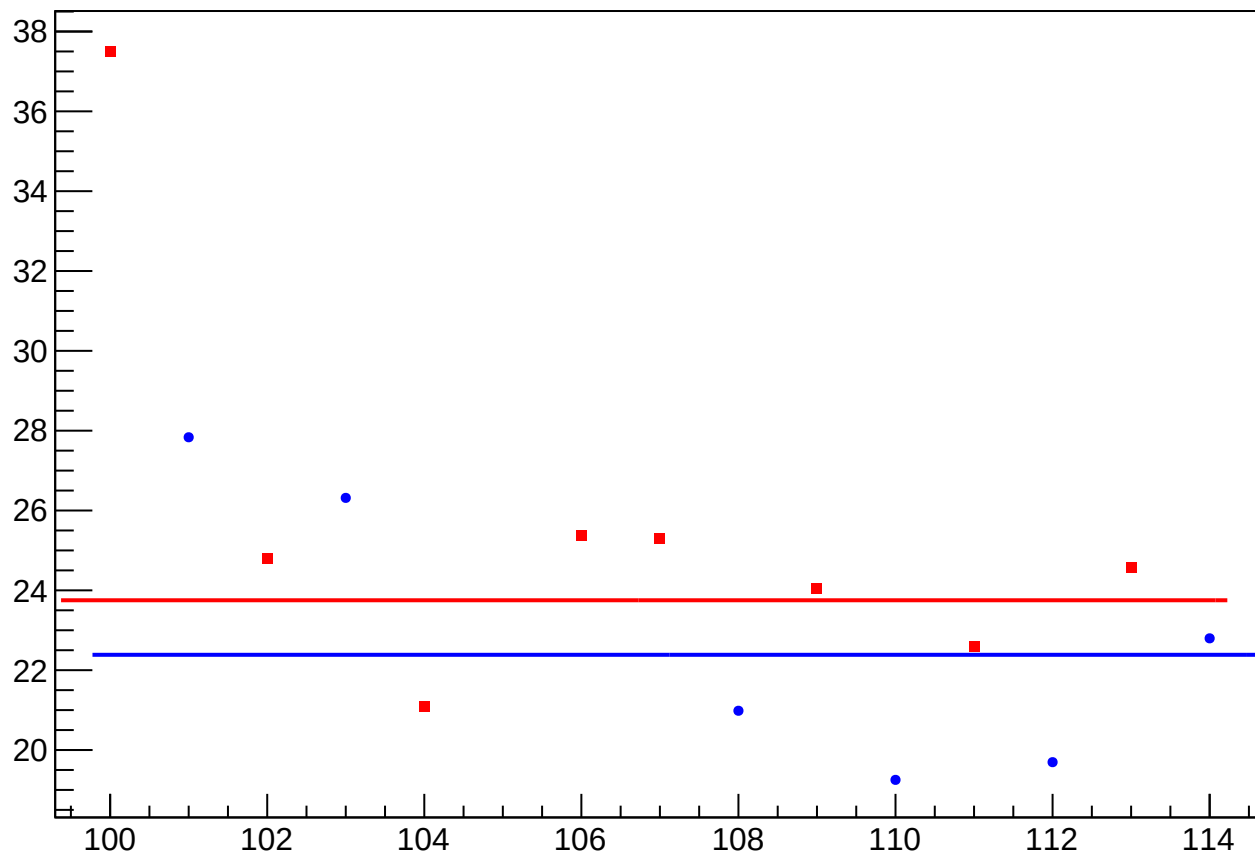
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 9.3/13

In: -0.005 $\pm$ 0.015 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 9.3/13

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

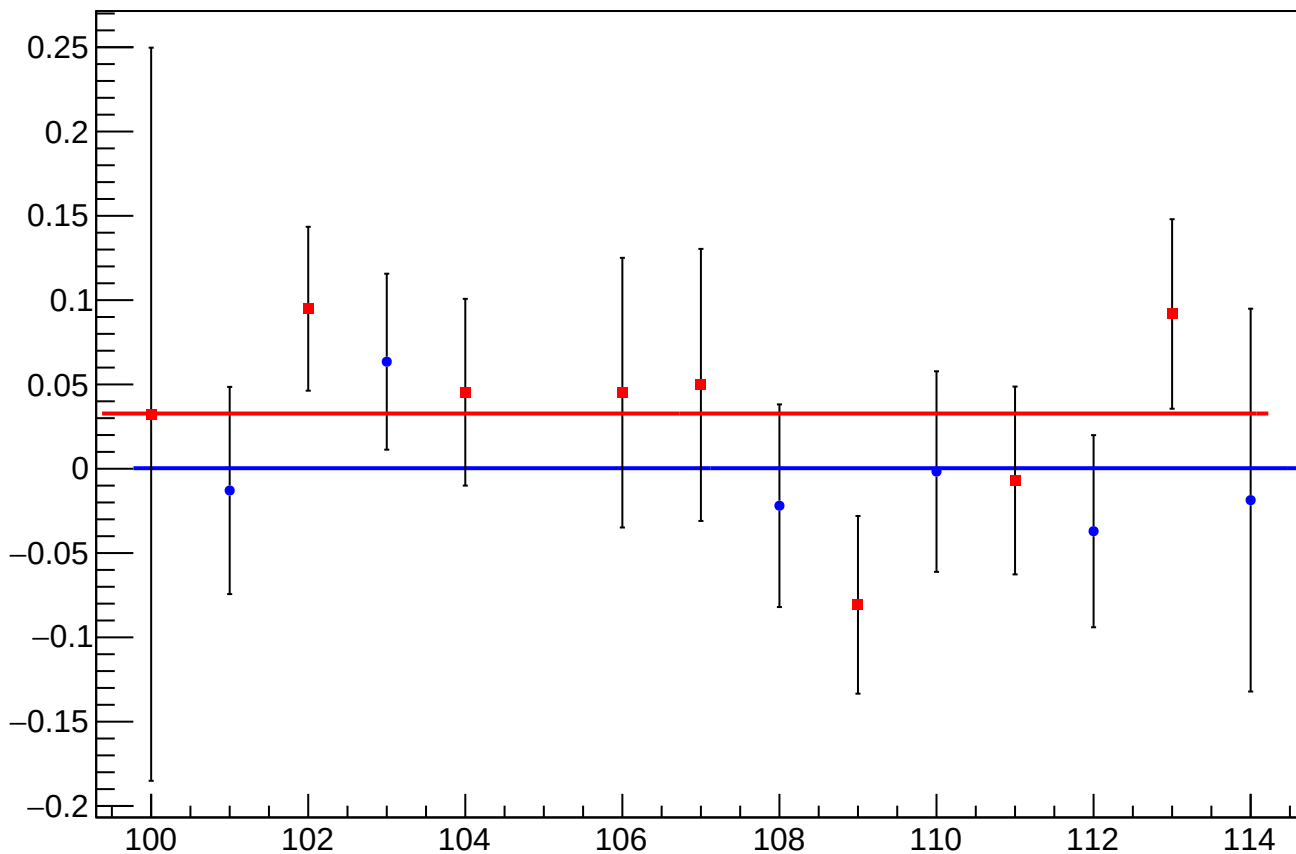
Right: 23.116+/-0.007 χ^2/NDF : 152242.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

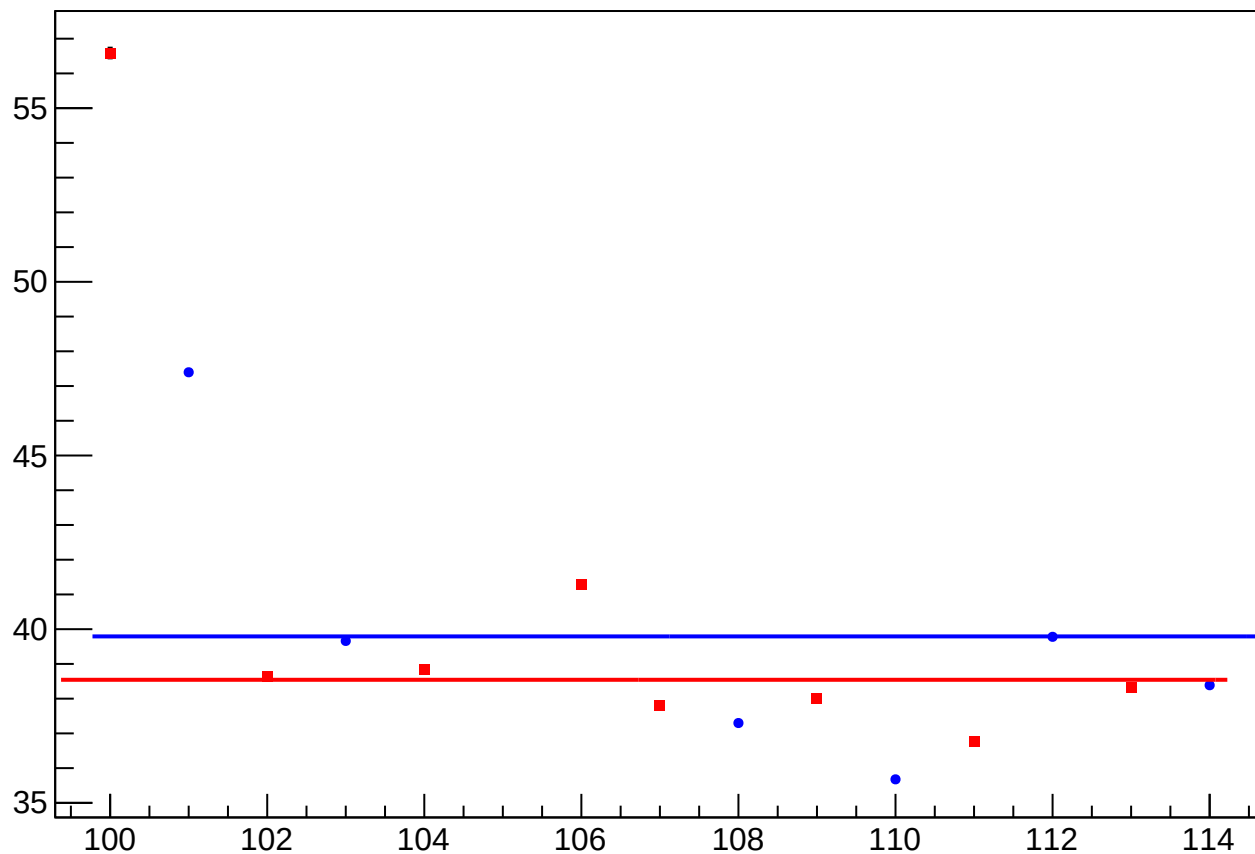
Right: 0.019 $\pm$ 0.017 χ^2 /NDF: 11.1/13

In: 0.000 $\pm$ 0.025 χ^2 /NDF:2.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.017 χ^2 /NDF: 11.1/13

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.792 $\pm$ 0.018 χ^2 /NDF: 43965.9/5

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

Right Out: 38.543 $\pm$ 0.016 χ^2 /NDF: 18642.4/7

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

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

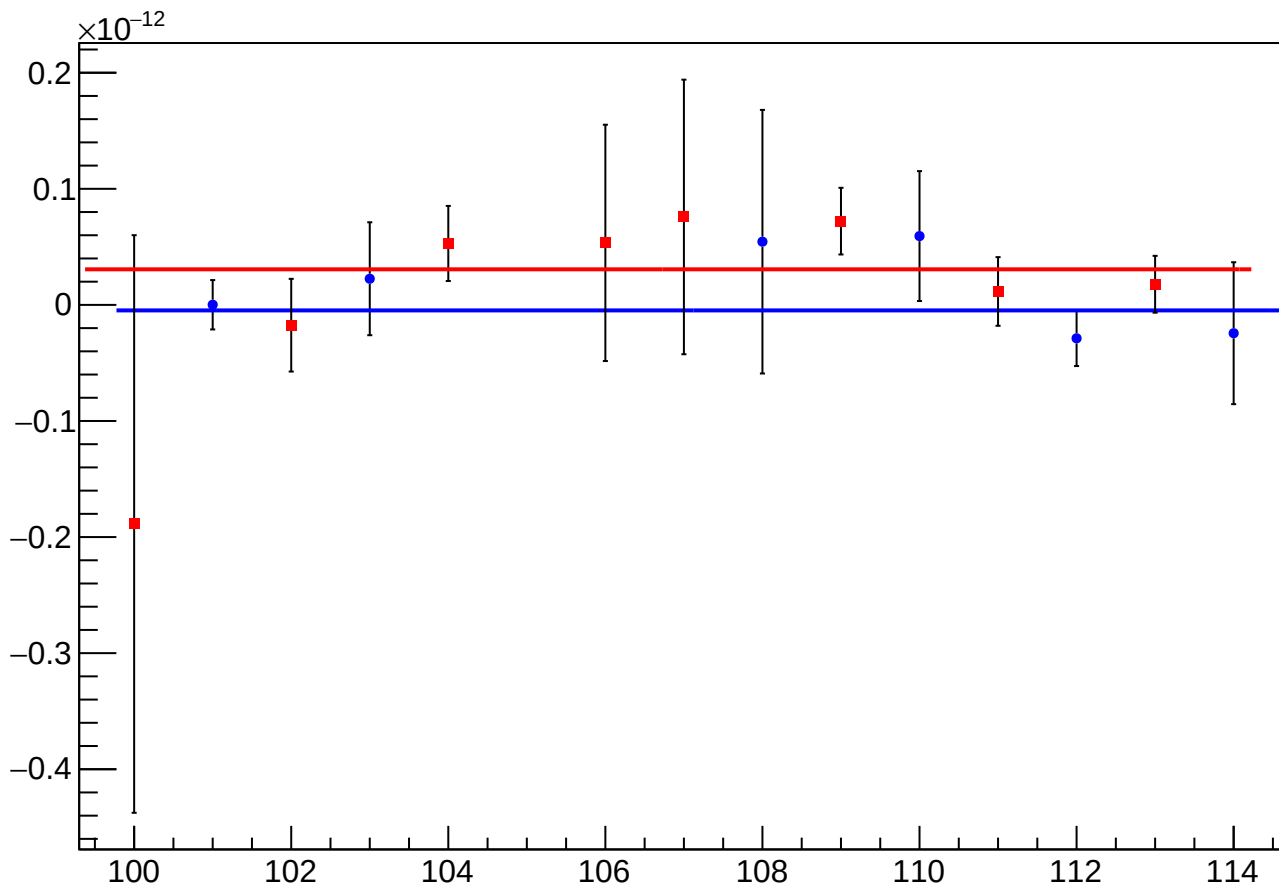
Right: 39.082 $\pm$ 0.012 χ^2 /NDF: 65406.8/13

In: 39.792 $\pm$ 0.018 χ^2 /NDF: 43965.9/5

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

All: 39.082 $\pm$ 0.012 χ^2 /NDF: 65406.8/13

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

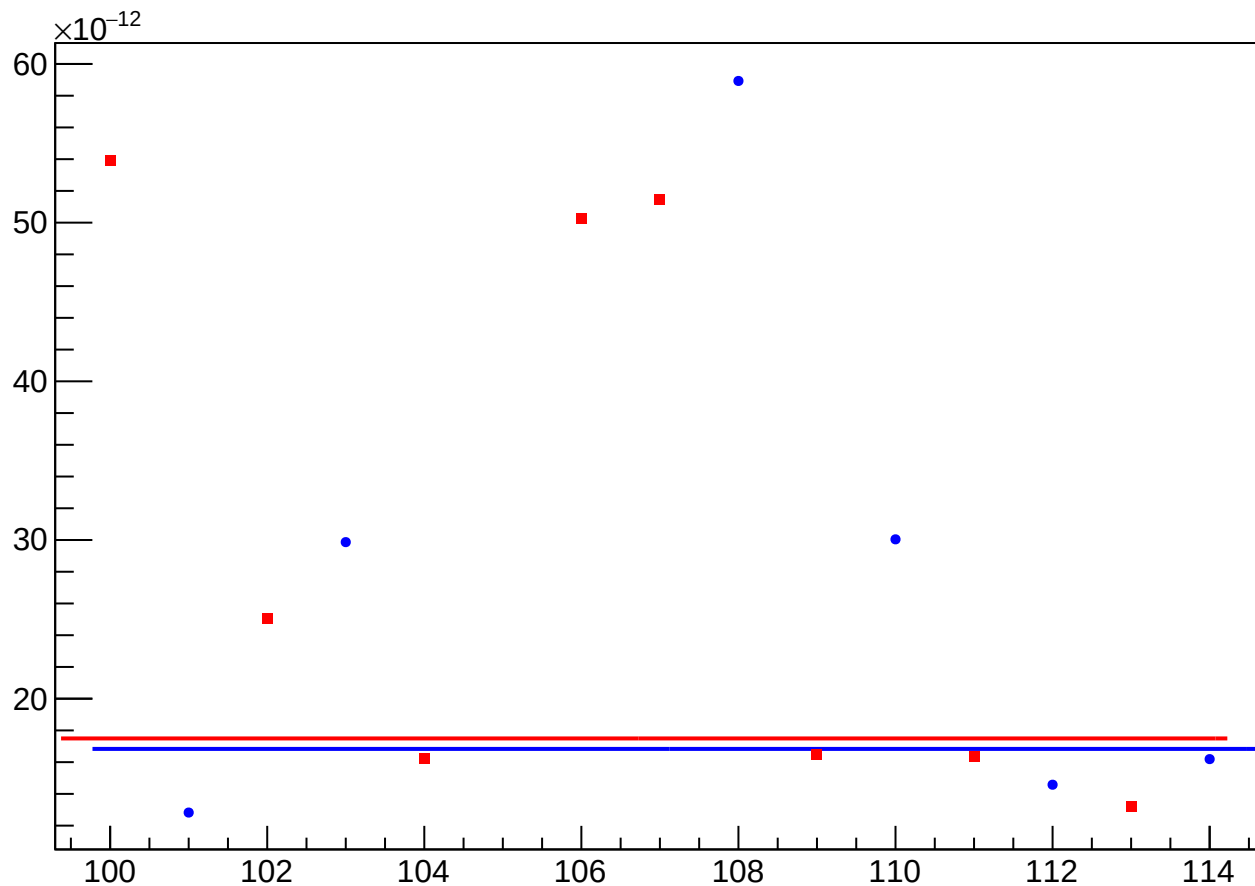
Right: 0.000+/-0.000 χ^2/NDF : 12.1/13

In: -0.000+/-0.000 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.1/13

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

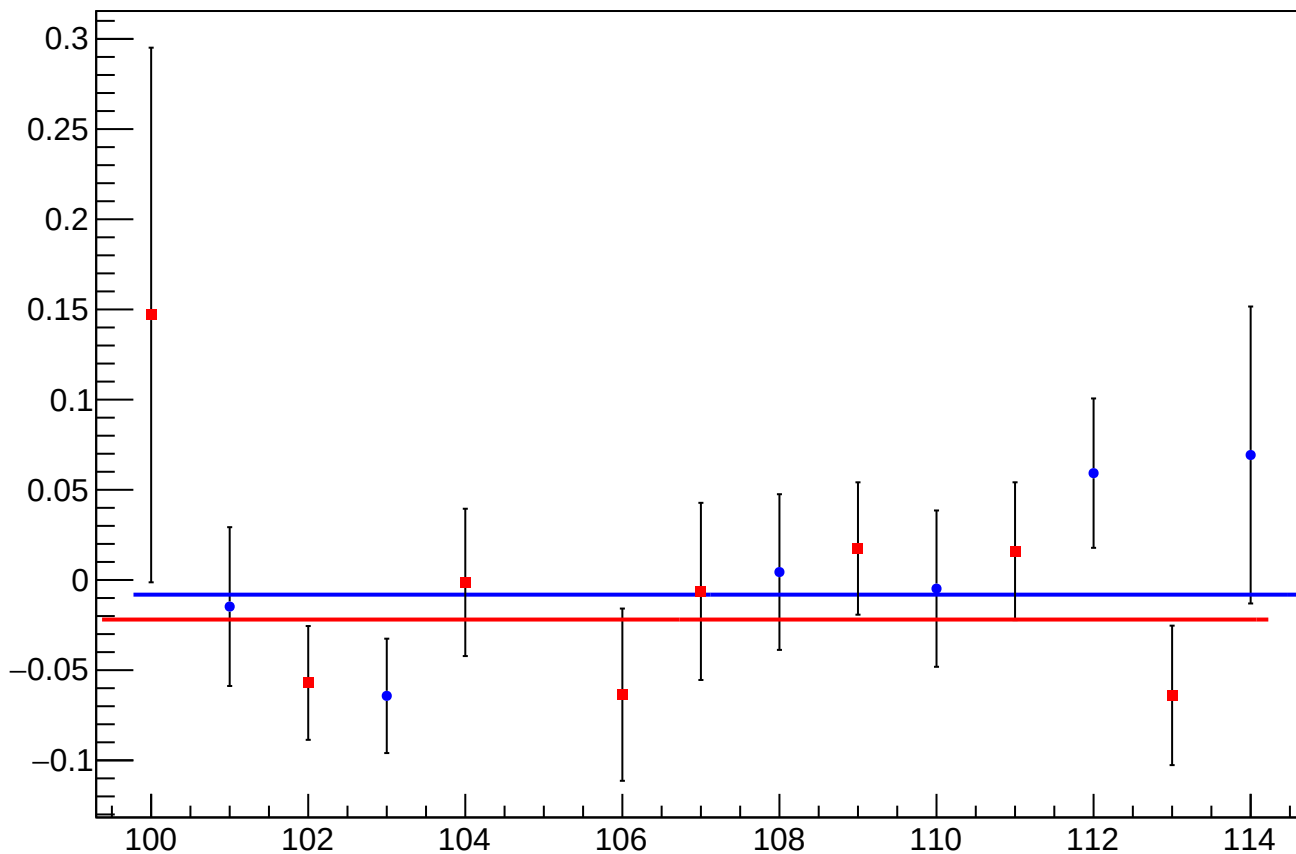
Right: 0.000+/-0.000 χ^2/NDF : 1178010.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_overload_cor_vs_slug_sign_corrected



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

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

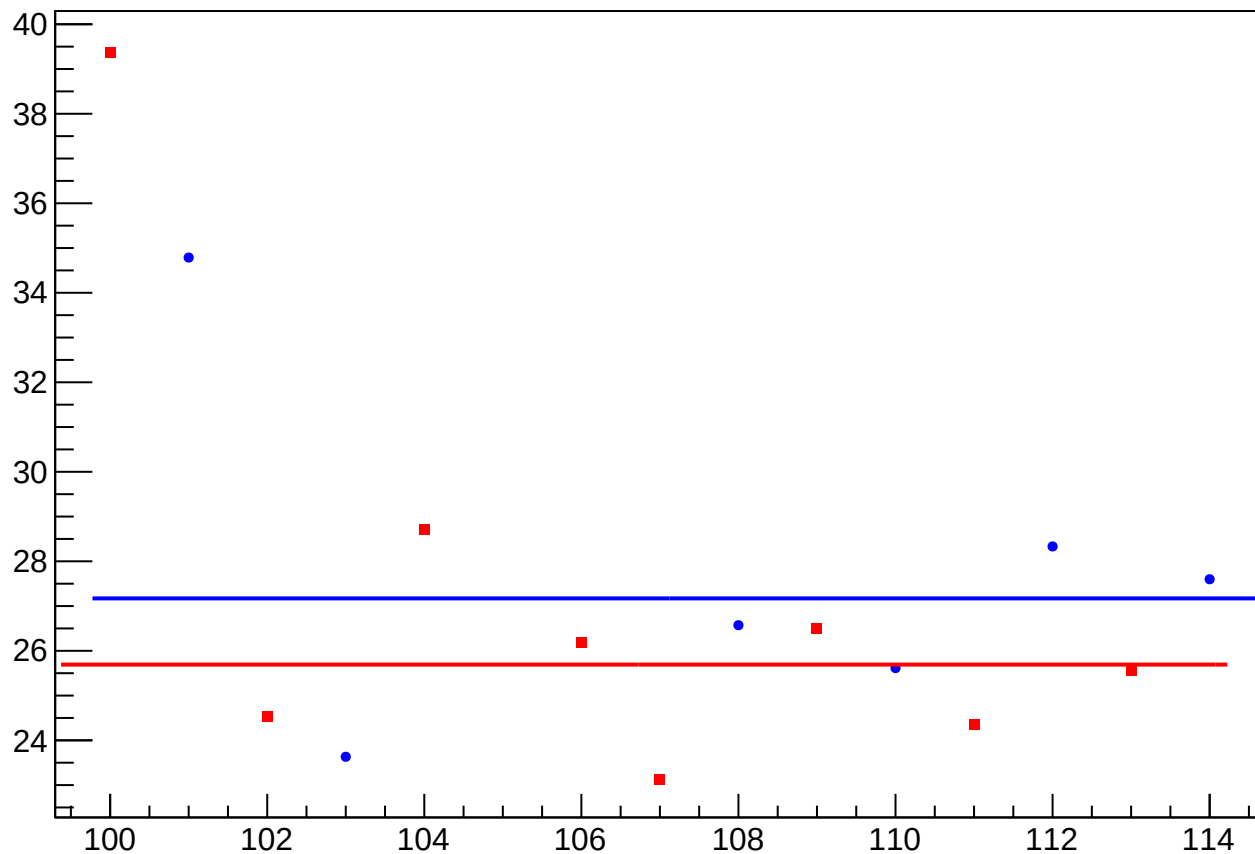
Right: -0.016 $\pm$ 0.011 χ^2 /NDF: 14.1/13

In: -0.008 $\pm$ 0.017 χ^2 /NDF:6.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.011 χ^2 /NDF: 14.1/13

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.171+/-0.012 χ^2/NDF : 89345.2/5

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

Right Out: 25.692+/-0.010 χ^2/NDF : 39711.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

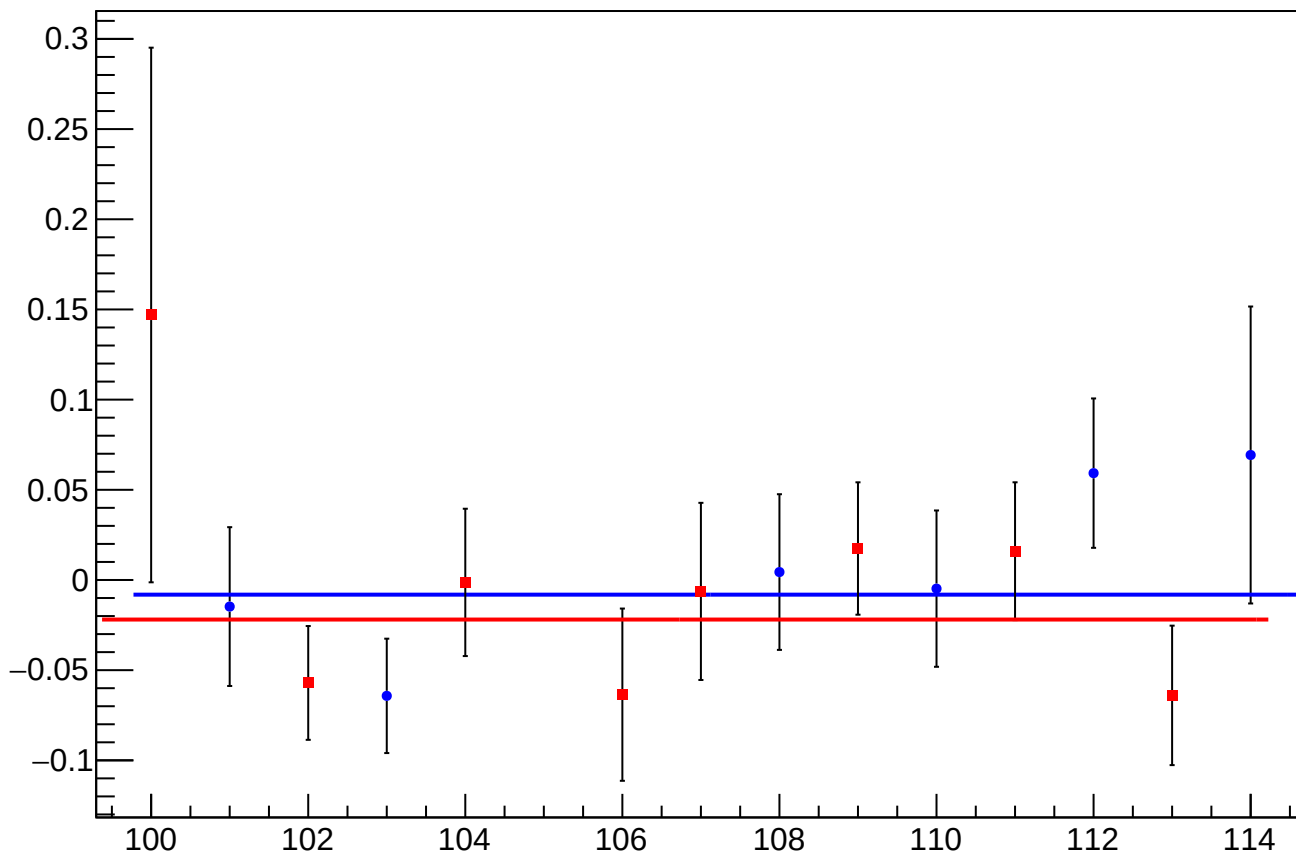
Right: 26.311+/-0.008 χ^2/NDF : 137475.2/13

In: 27.171+/-0.012 χ^2/NDF : 89345.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.311+/-0.008 χ^2/NDF : 137475.2/13

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.017 χ^2/NDF : 6.8/5

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

Right Out: -0.022 ± 0.015 χ^2/NDF : 7.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

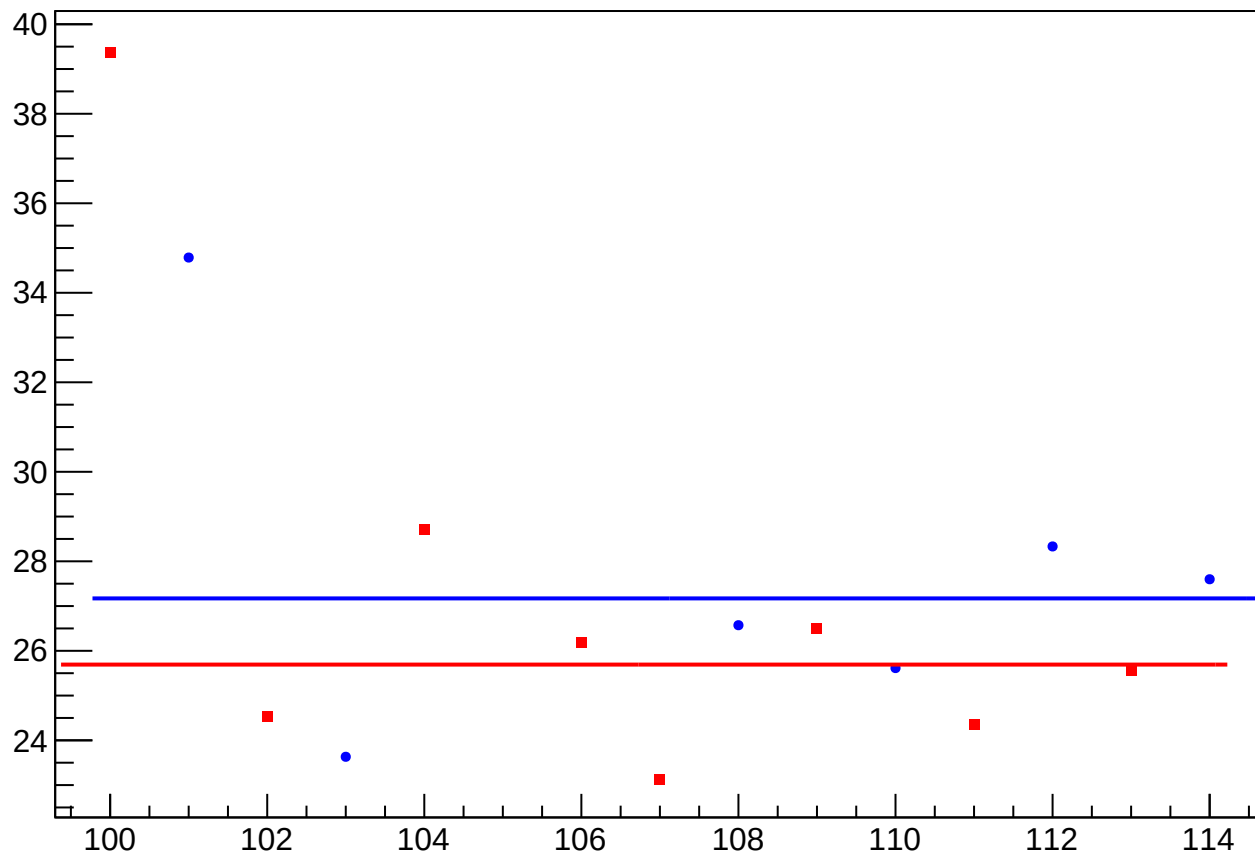
Right: -0.016 ± 0.011 χ^2/NDF : 14.1/13

In: -0.008 ± 0.017 χ^2/NDF : 6.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.011 χ^2/NDF : 14.1/13

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.171+/-0.012 χ^2/NDF : 89345.2/5

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

Right Out: 25.692+/-0.010 χ^2/NDF : 39711.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

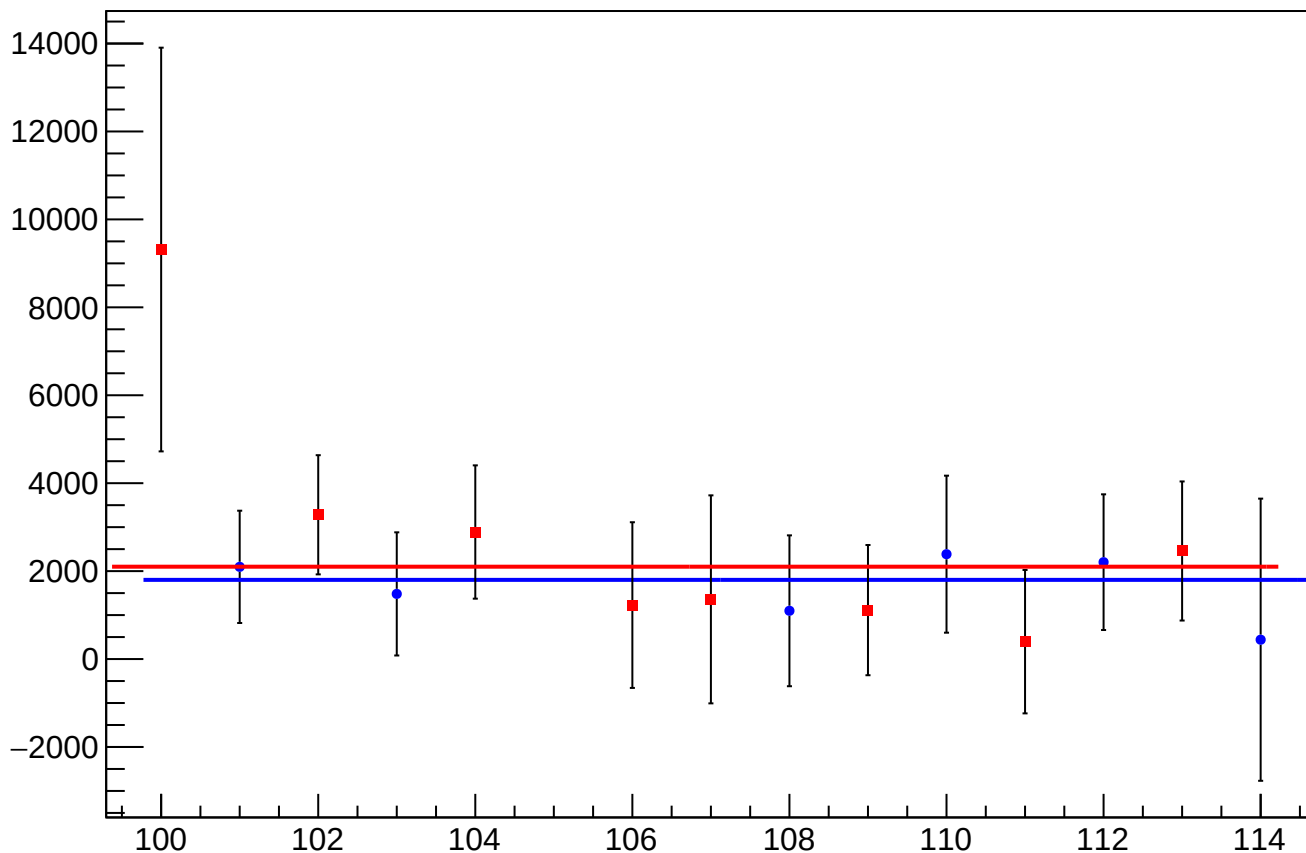
Right: 26.311+/-0.008 χ^2/NDF : 137475.2/13

In: 27.171+/-0.012 χ^2/NDF : 89345.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.311+/-0.008 χ^2/NDF : 137475.2/13

reg_asym_usl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

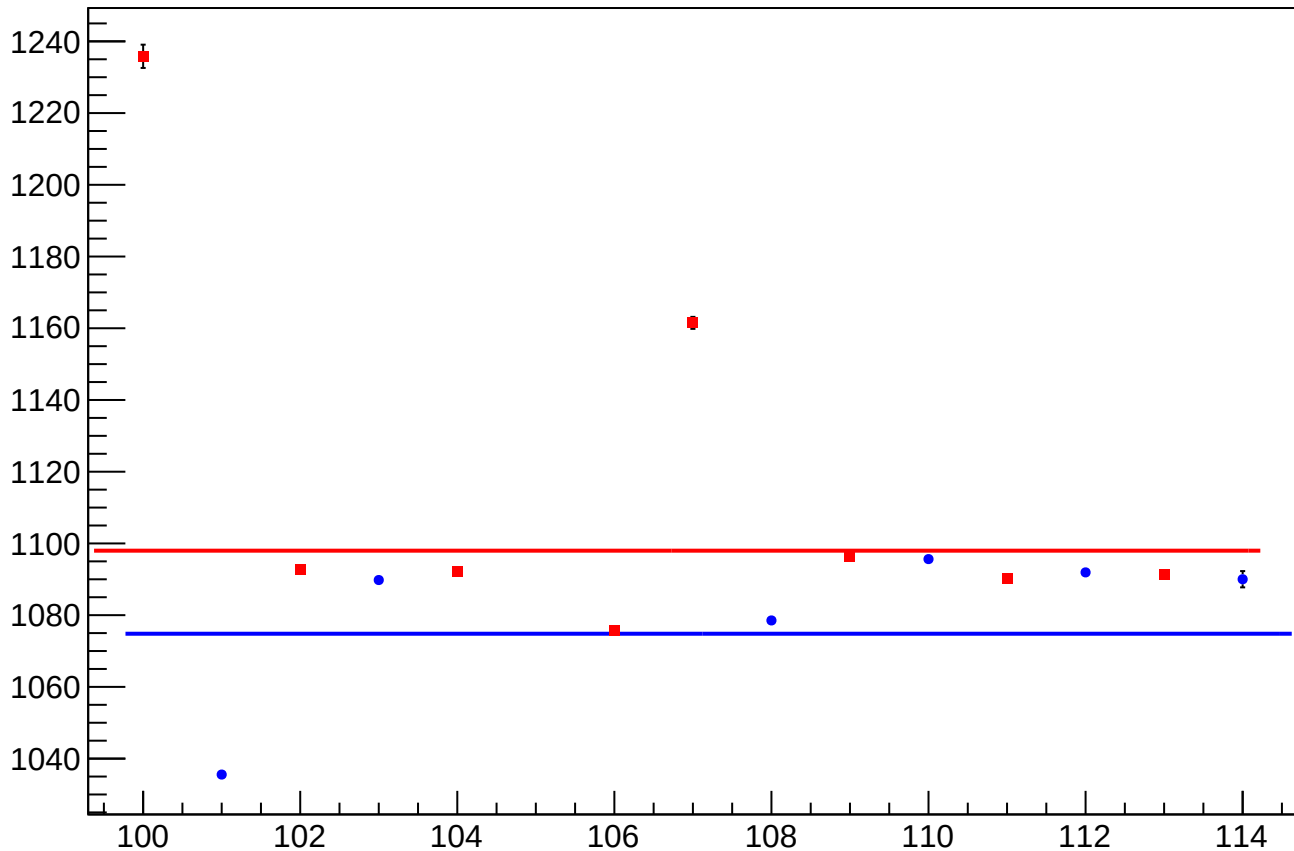
Right: 1963.519+/-446.678 χ^2/NDF : 6.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.519+/-446.678 χ^2/NDF : 6.1/13

reg_asym_usl_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

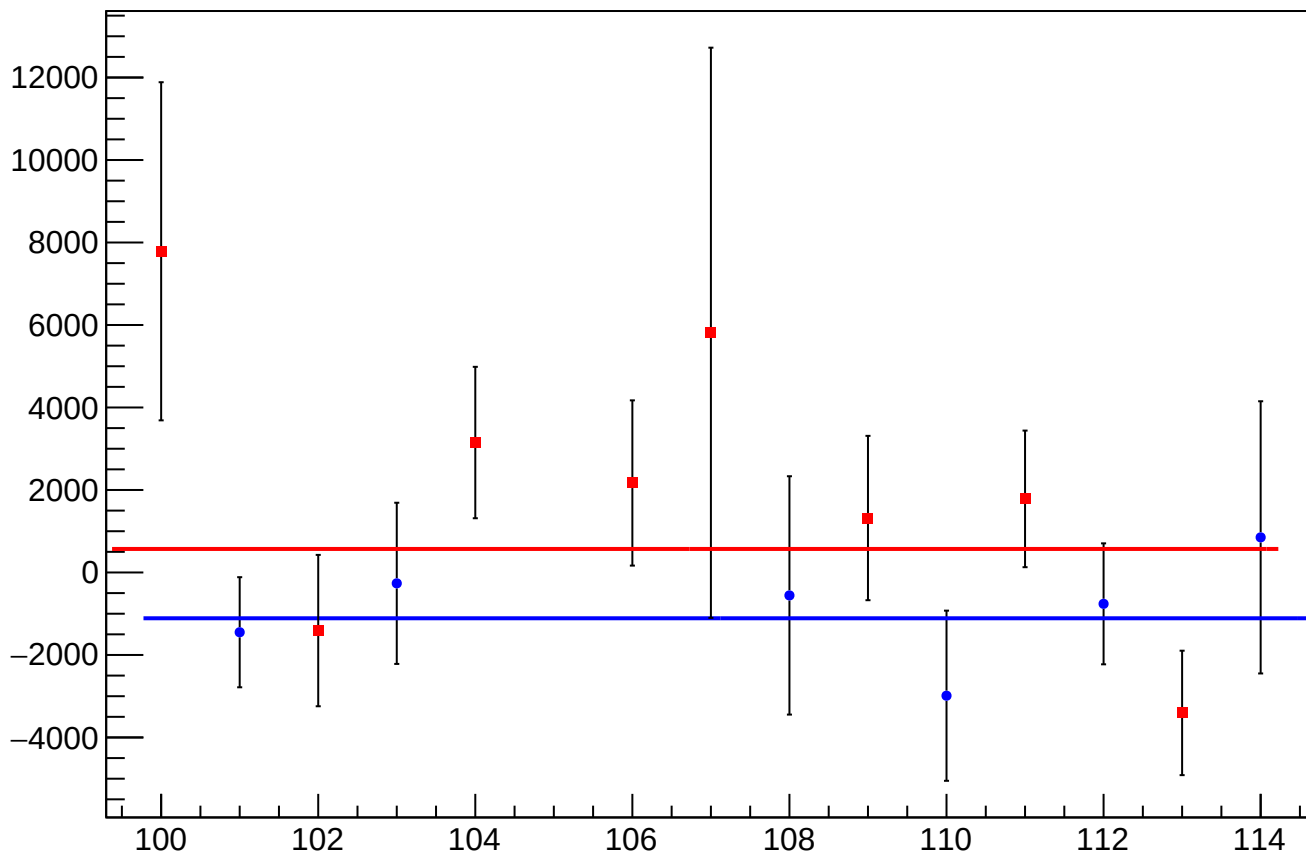
Right: 1087.385+/-0.316 χ^2/NDF : 7690.5/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

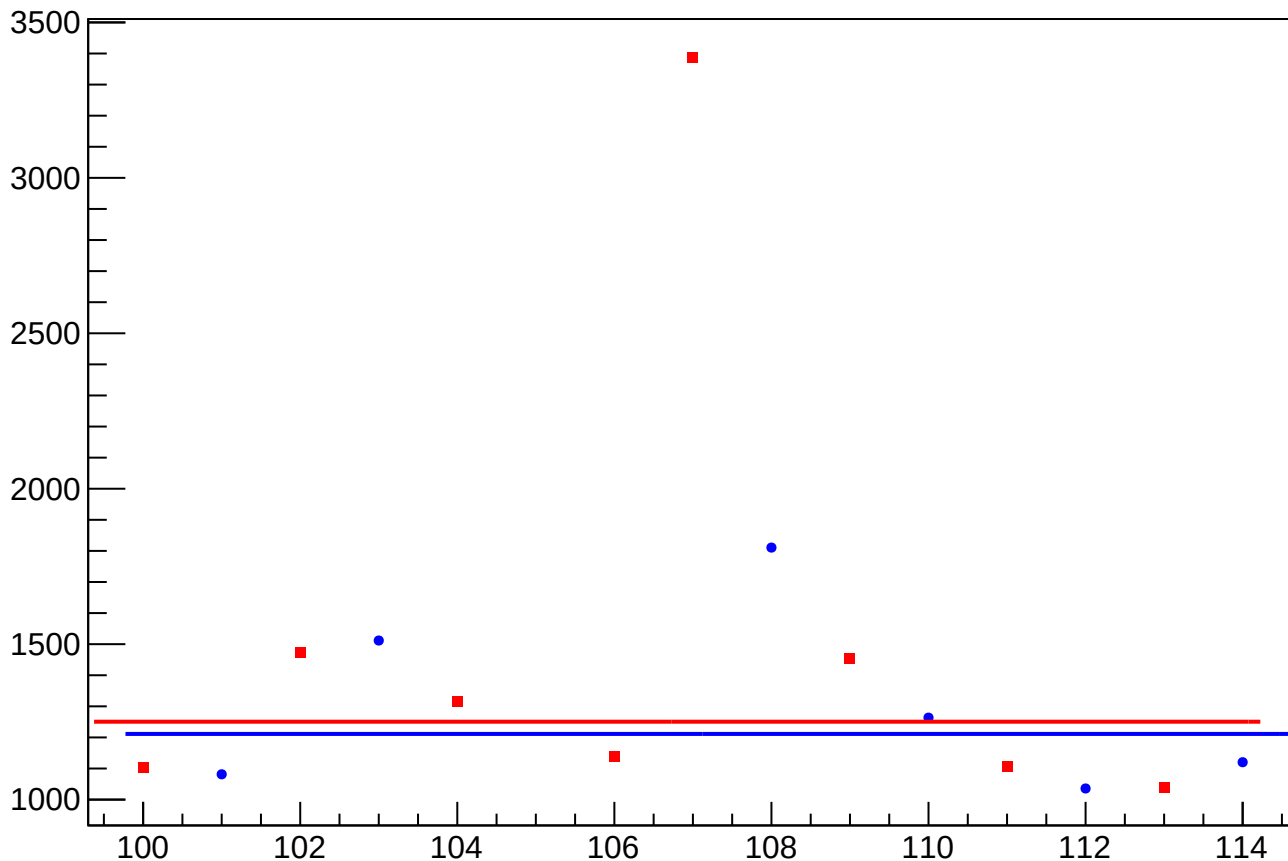
Right: -214.771+/-518.855 χ^2/NDF : 19.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.771+/-518.855 χ^2/NDF : 19.2/13

asym_usl_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

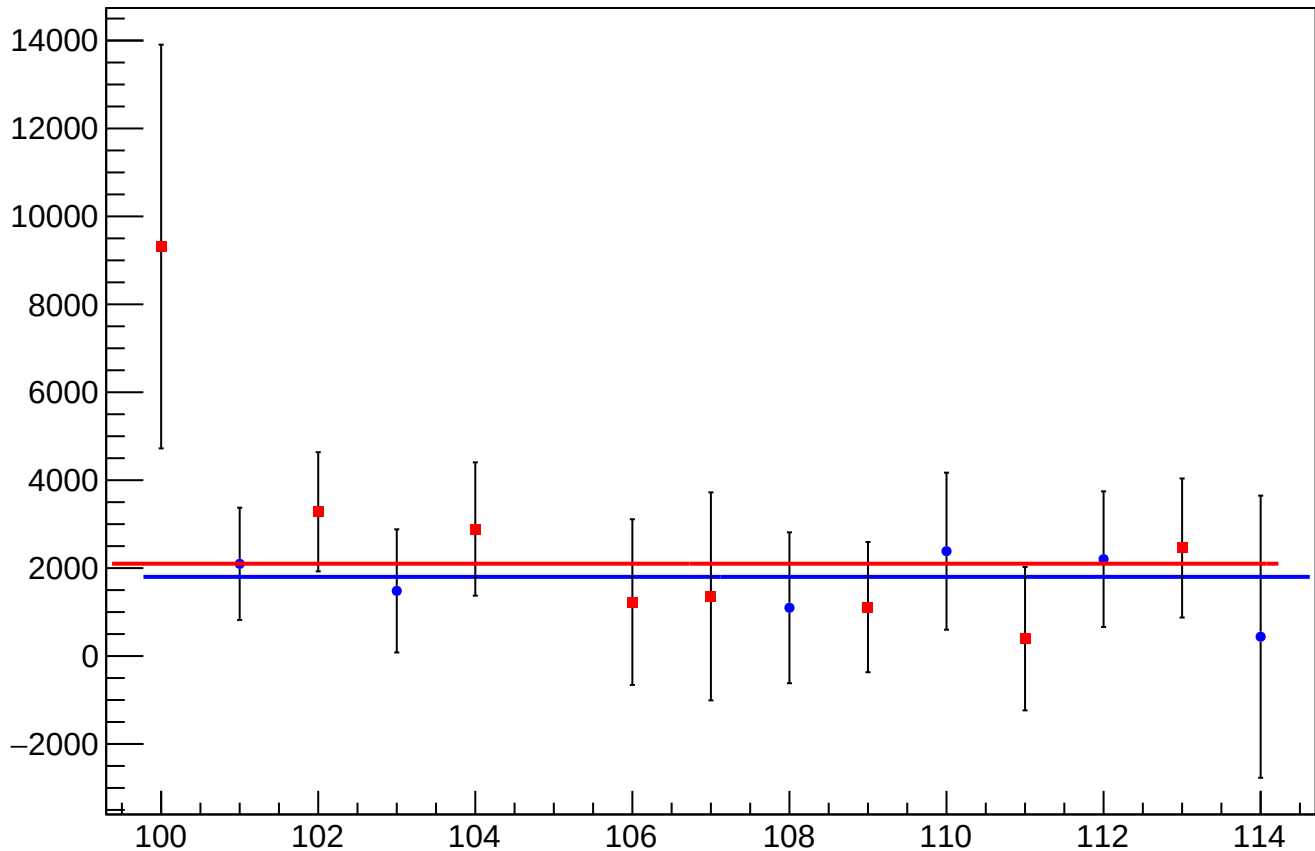
Right: 1232.210+/-0.367 χ^2/NDF : 494304.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_asym_usl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

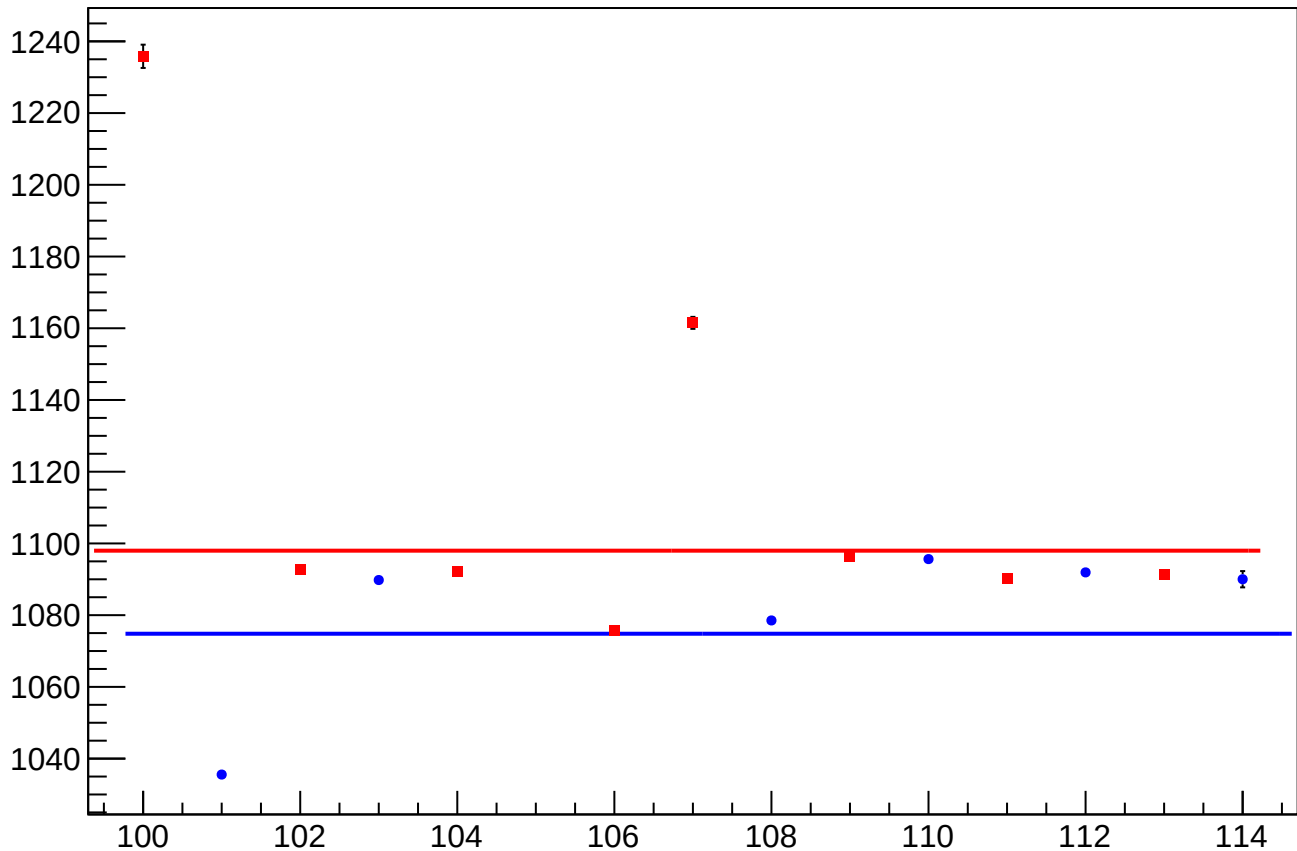
Right: 1963.519+/-446.678 χ^2/NDF : 6.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.519+/-446.678 χ^2/NDF : 6.1/13

cor_asym_usl_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

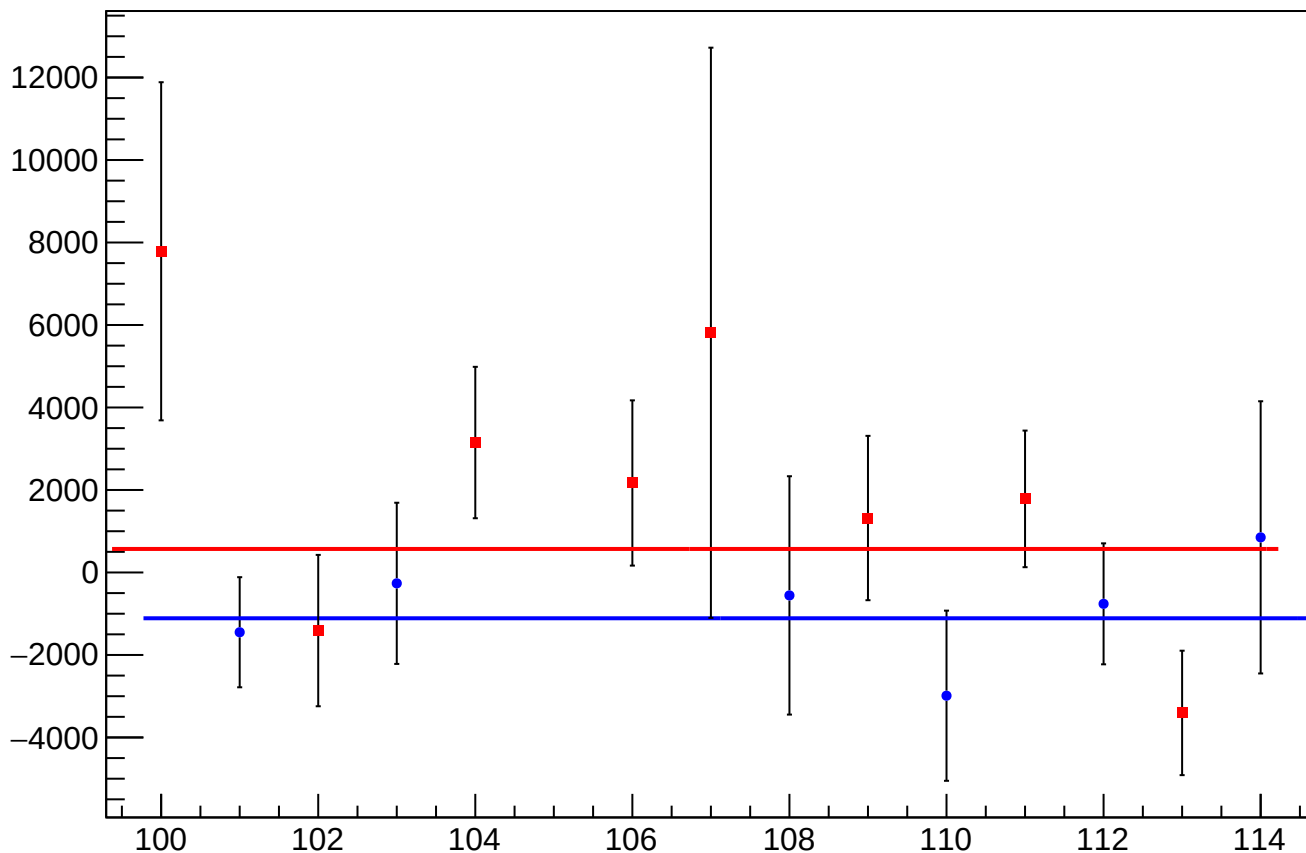
Right: 1087.385+/-0.316 χ^2/NDF : 7690.5/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

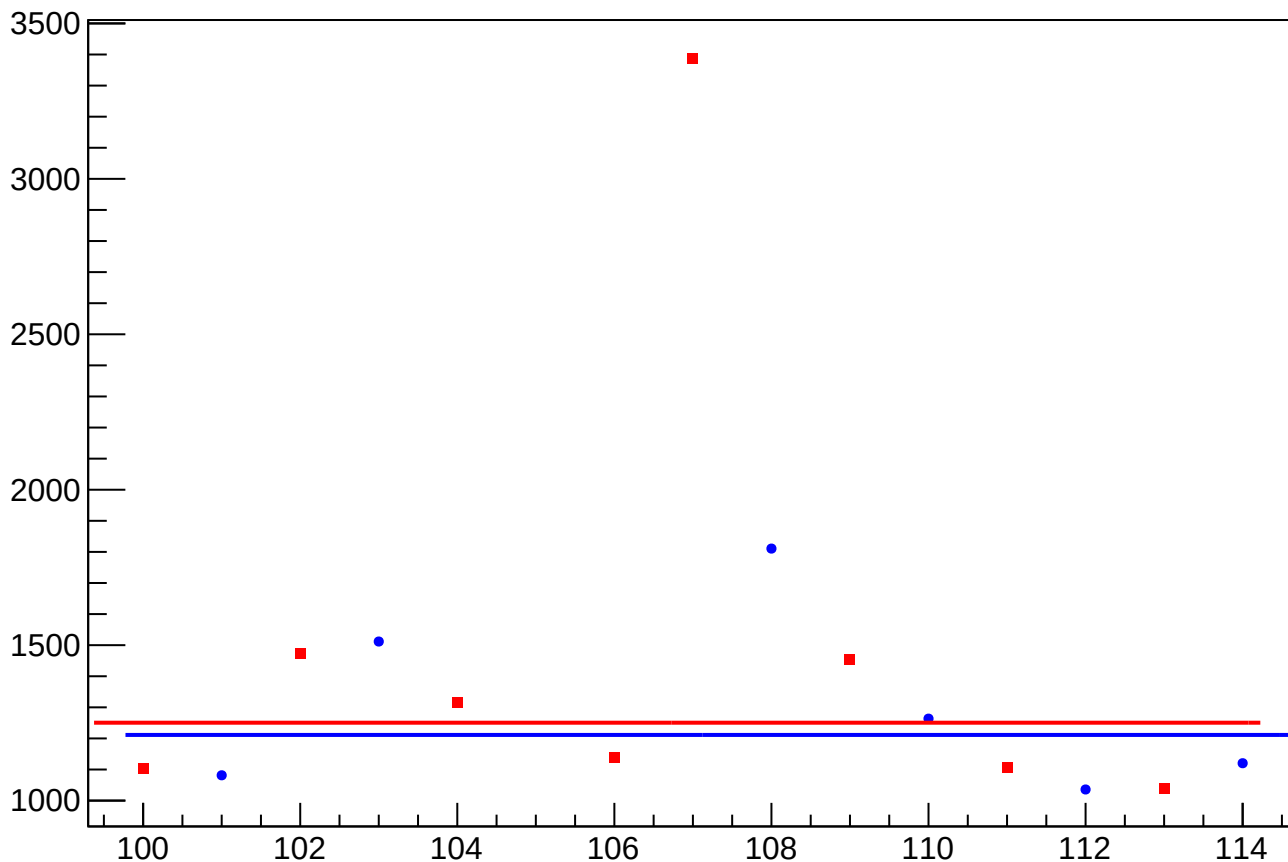
Right: -214.771+/-518.855 χ^2/NDF : 19.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.771+/-518.855 χ^2/NDF : 19.2/13

asym_usl_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

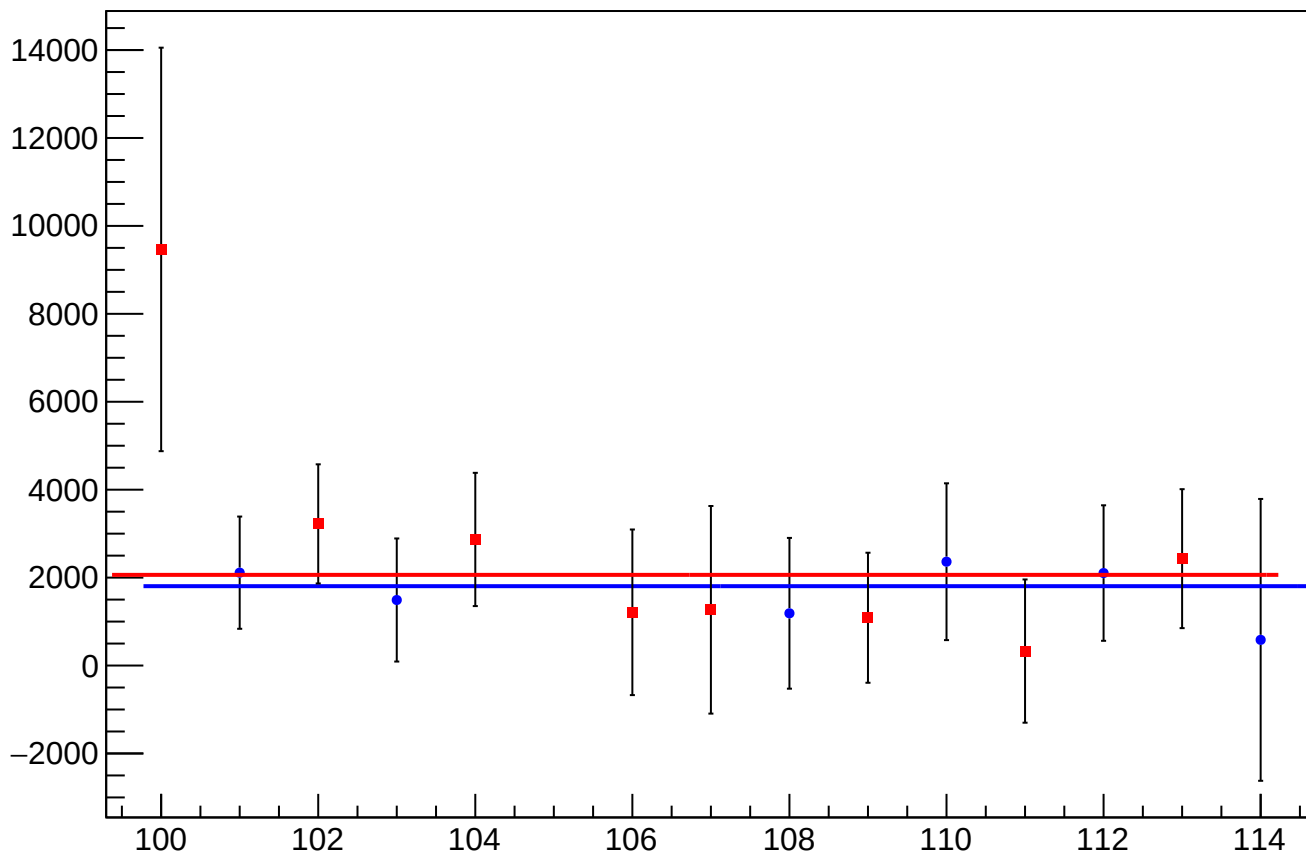
Right: 1232.210+/-0.367 χ^2/NDF : 494304.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

overload_cor_asym_usl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

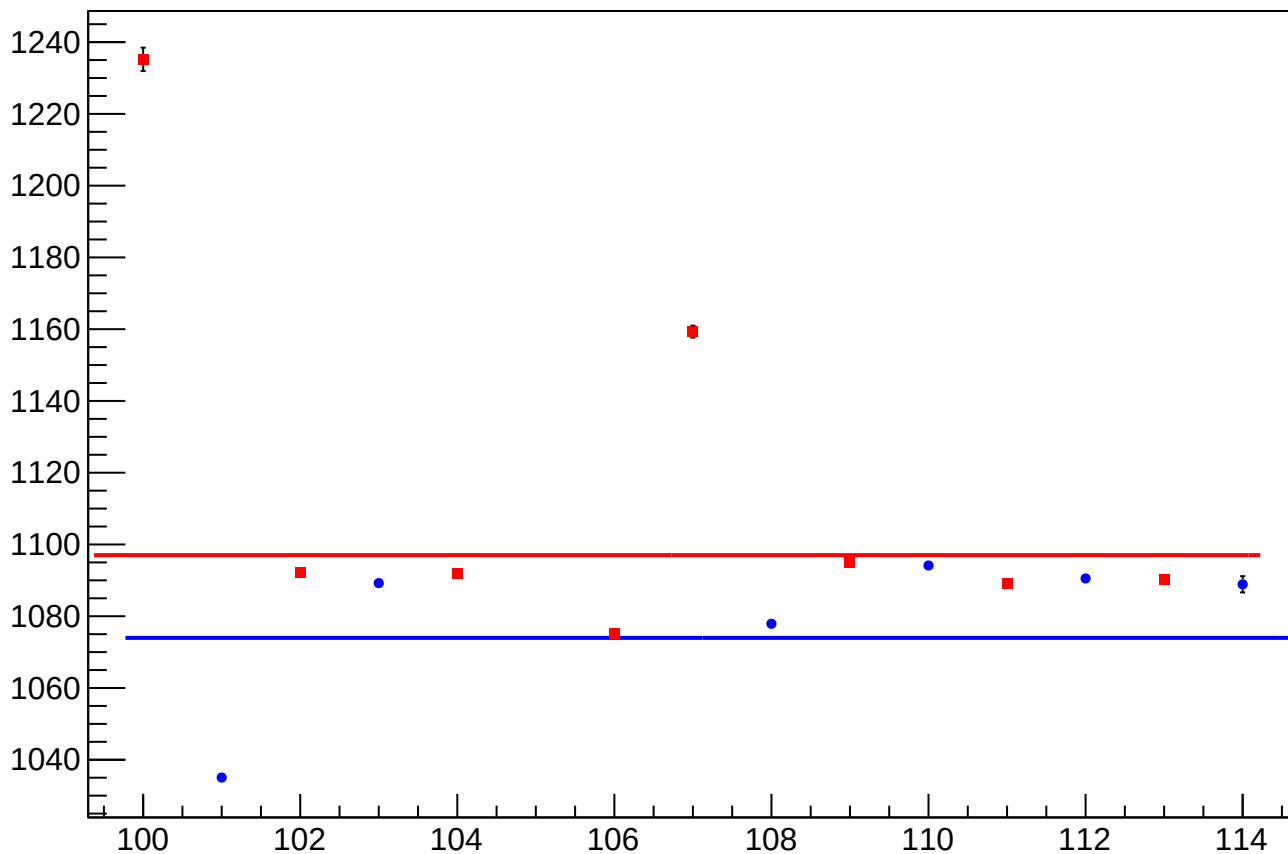
Right: 1944.733+/-446.304 χ^2/NDF : 6.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1944.733+/-446.304 χ^2/NDF : 6.2/13

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1073.969+/-0.467 χ^2/NDF : 2638.8/5

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

Right Out: 1097.033+/-0.428 χ^2/NDF : 3611.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

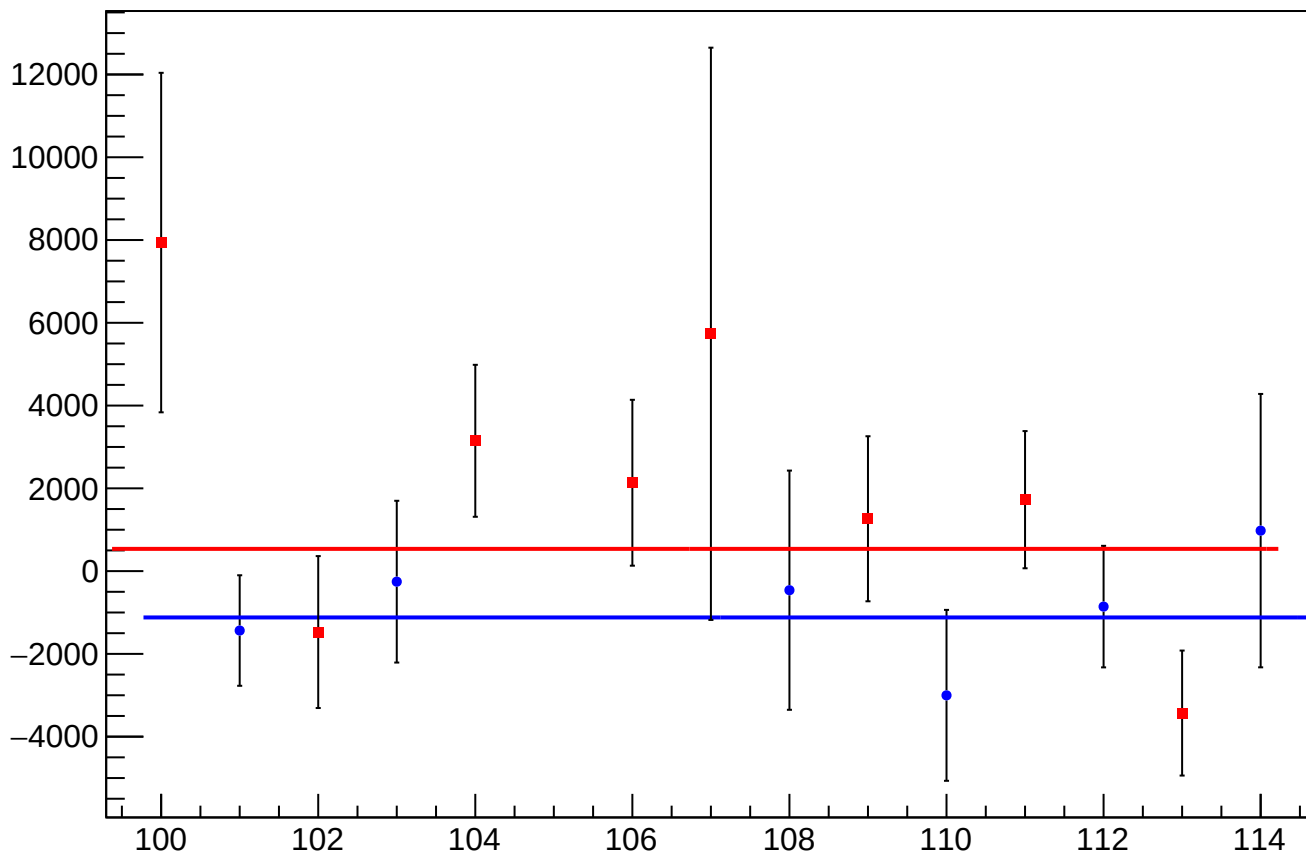
Right: 1086.481+/-0.316 χ^2/NDF : 7575.9/13

In: 1073.969+/-0.467 χ^2/NDF : 2638.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.481+/-0.316 χ^2/NDF : 7575.9/13

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1119.502+/-759.798 χ^2/NDF : 1.6/5

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

Right Out: 537.429+/-711.220 χ^2/NDF : 15.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

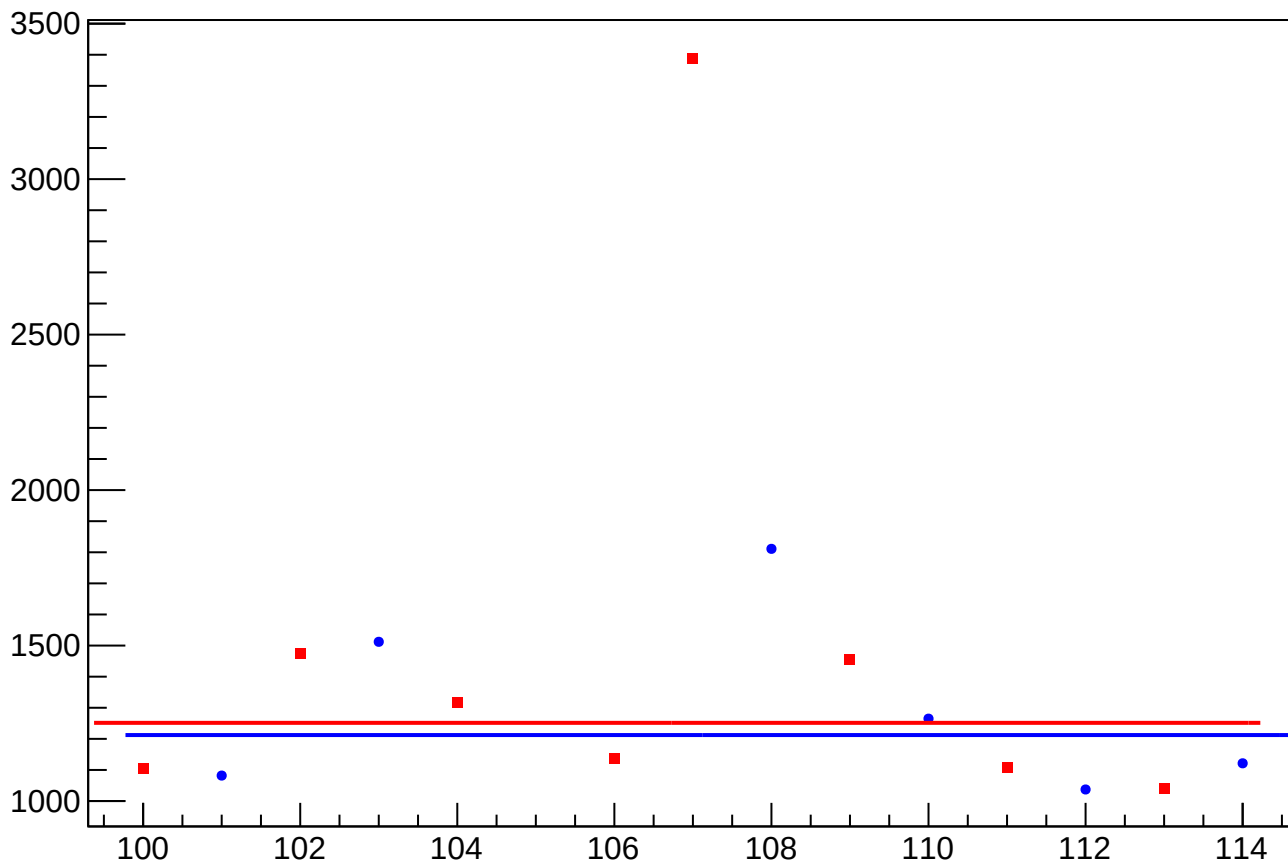
Right: -236.379+/-519.233 χ^2/NDF : 19.3/13

In: -1119.502+/-759.798 χ^2/NDF :1.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -236.379+/-519.233 χ^2/NDF : 19.3/13

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

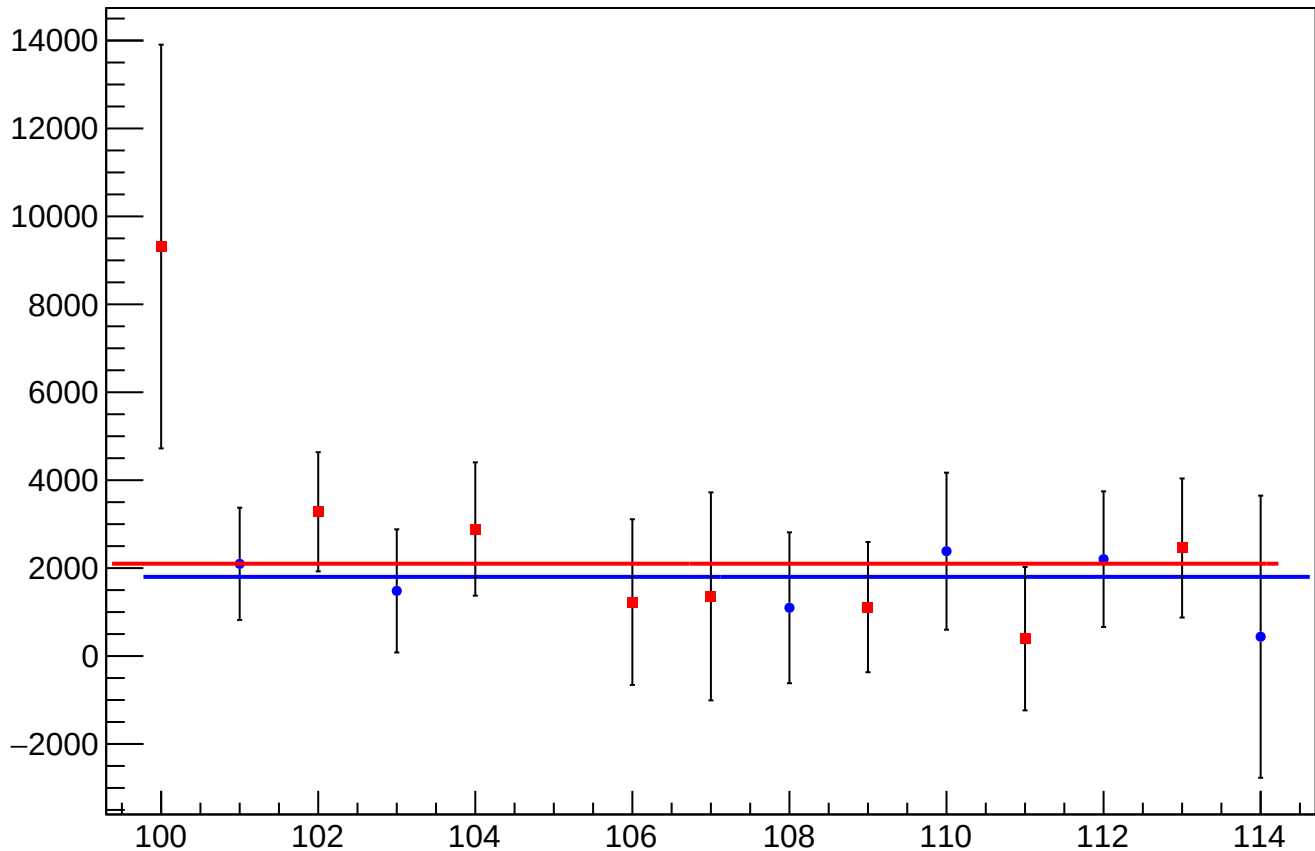
Right: 1233.169+/-0.367 χ^2/NDF : 493329.5/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

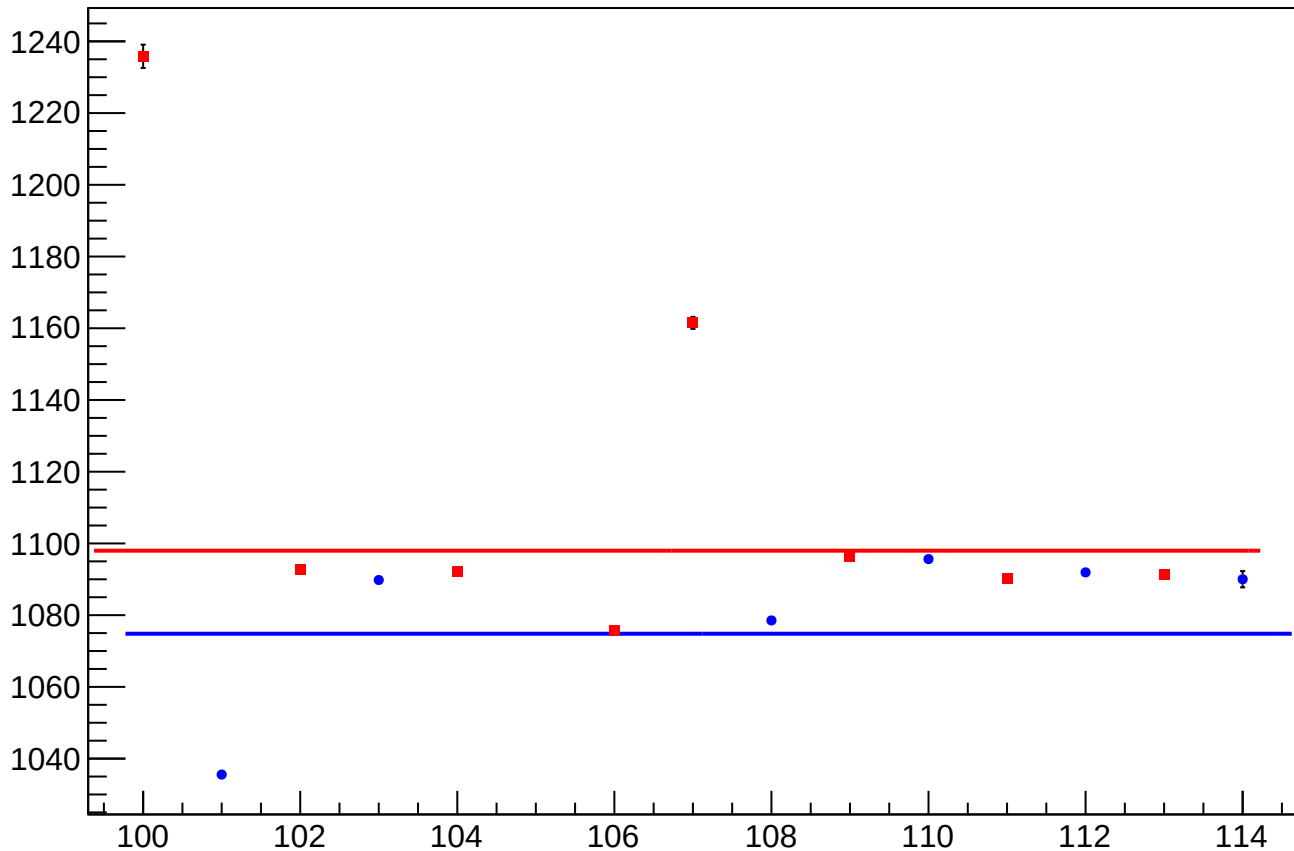
Right: 1963.519+/-446.678 χ^2/NDF : 6.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.519+/-446.678 χ^2/NDF : 6.1/13

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

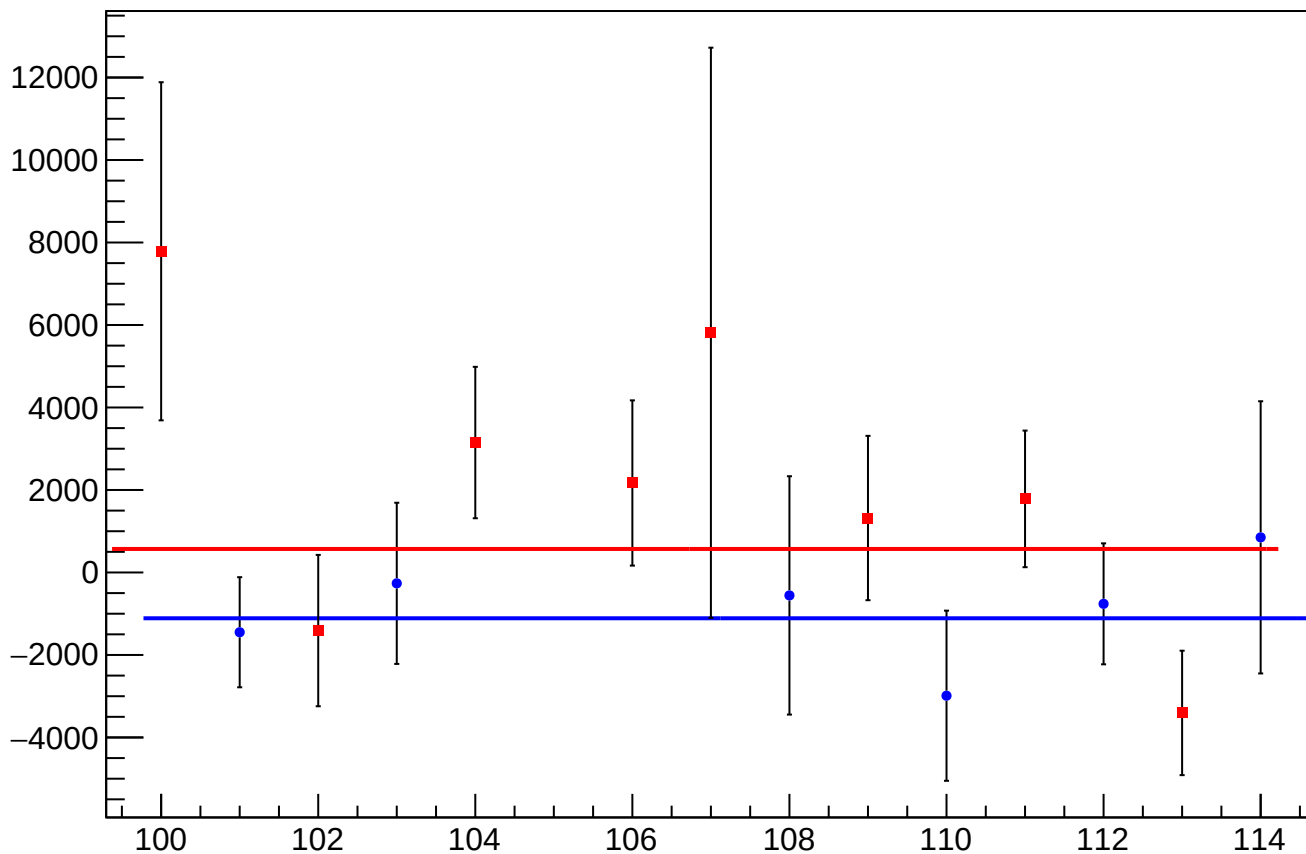
Right: 1087.385+/-0.316 χ^2/NDF : 7690.5/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

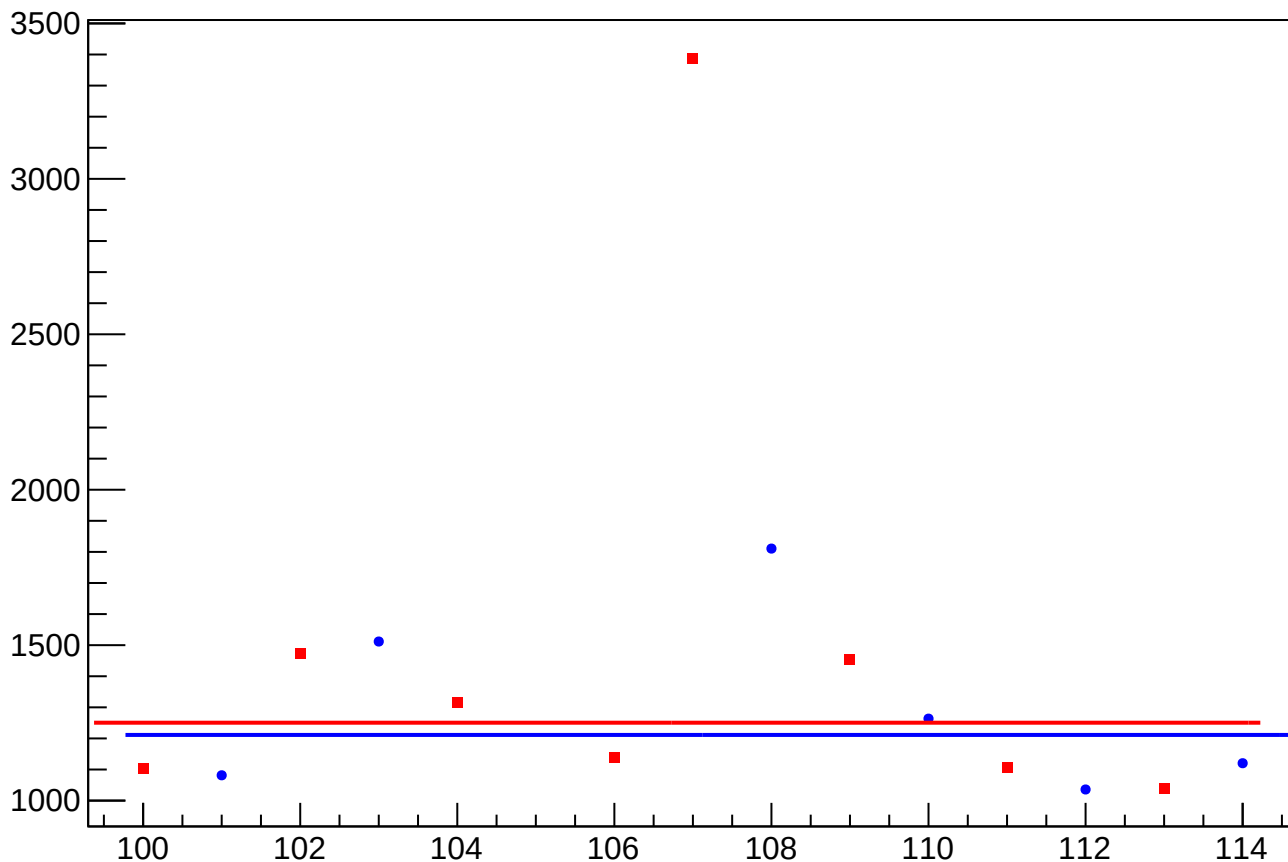
Right: -214.771+/-518.855 χ^2/NDF : 19.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.771+/-518.855 χ^2/NDF : 19.2/13

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

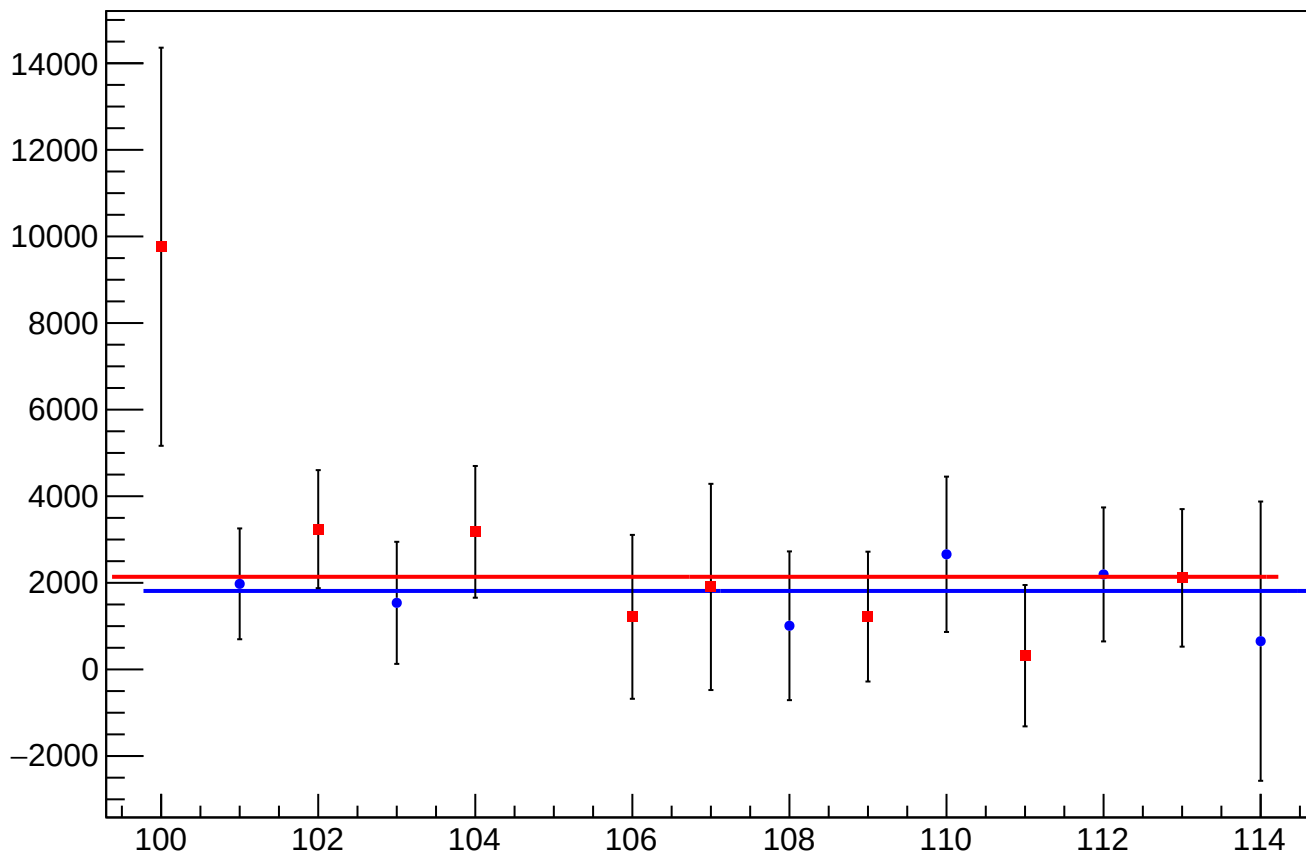
Right: 1232.210+/-0.367 χ^2/NDF : 494304.9/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1812.654 $\pm$ 662.674 χ^2 /NDF: 0.7/5

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

Right Out: 2139.243 $\pm$ 609.749 χ^2 /NDF: 5.7/7

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

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

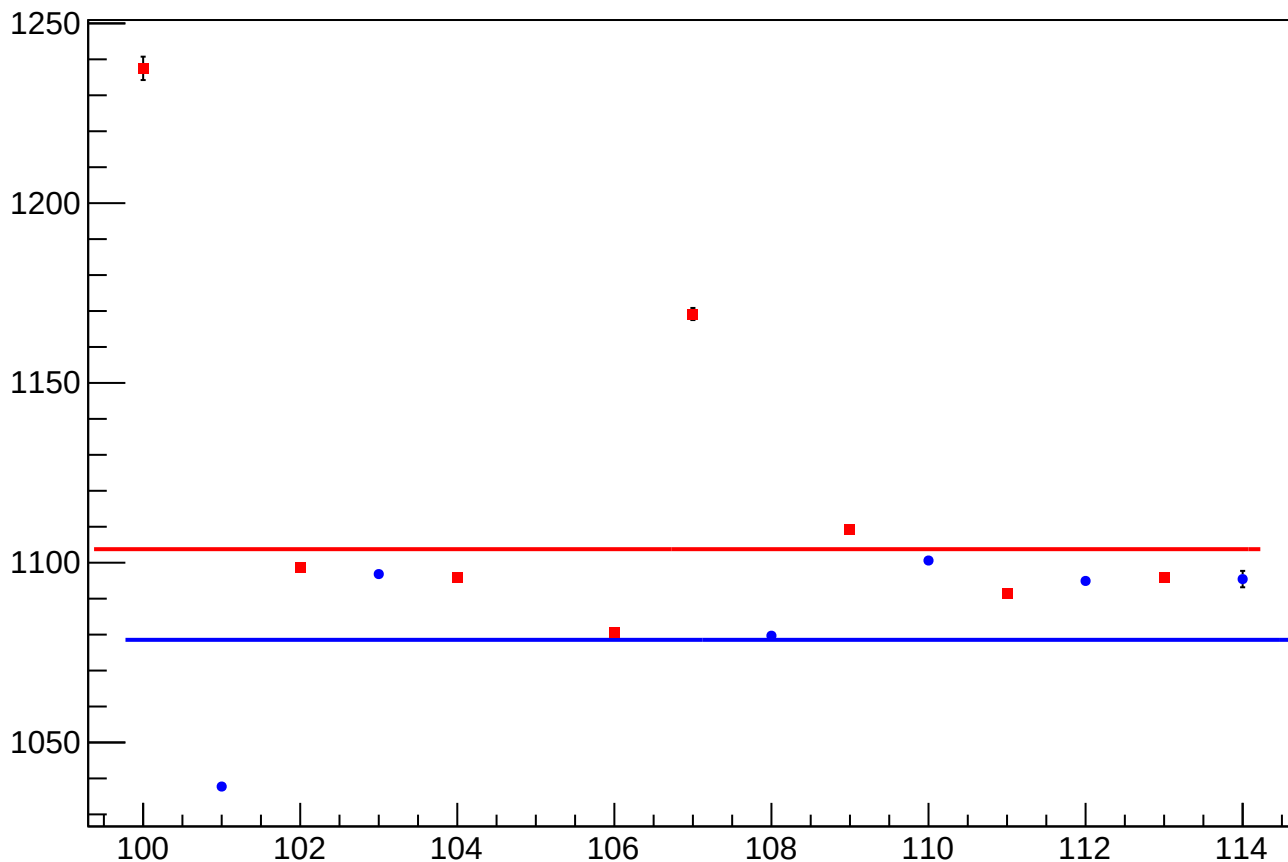
Right: 1989.509 $\pm$ 448.703 χ^2 /NDF: 6.6/13

In: 1812.654 $\pm$ 662.674 χ^2 /NDF:0.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1989.509 $\pm$ 448.703 χ^2 /NDF: 6.6/13

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

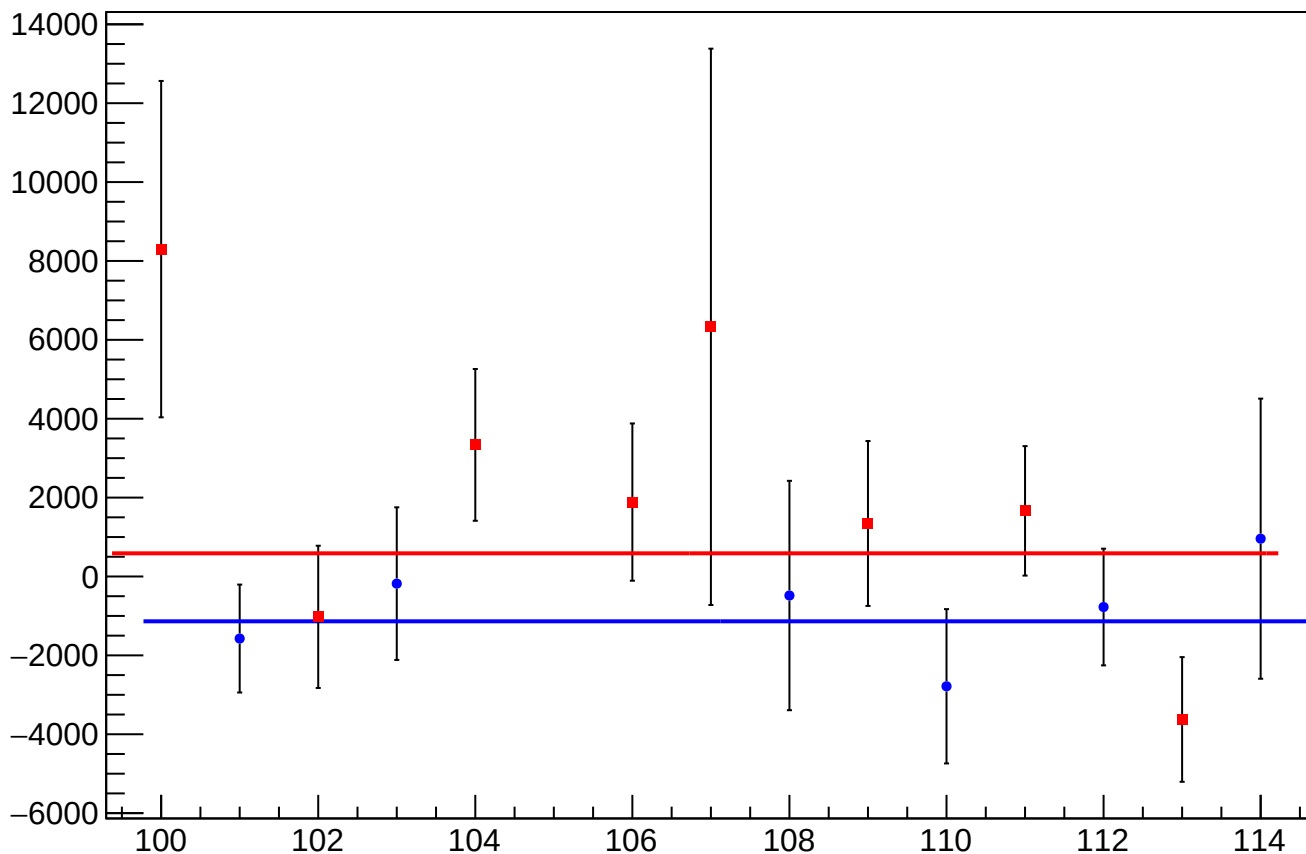
Right: 1092.202 $\pm$ 0.317 χ^2 /NDF: 8293.3/13

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

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

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

asym_usl_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

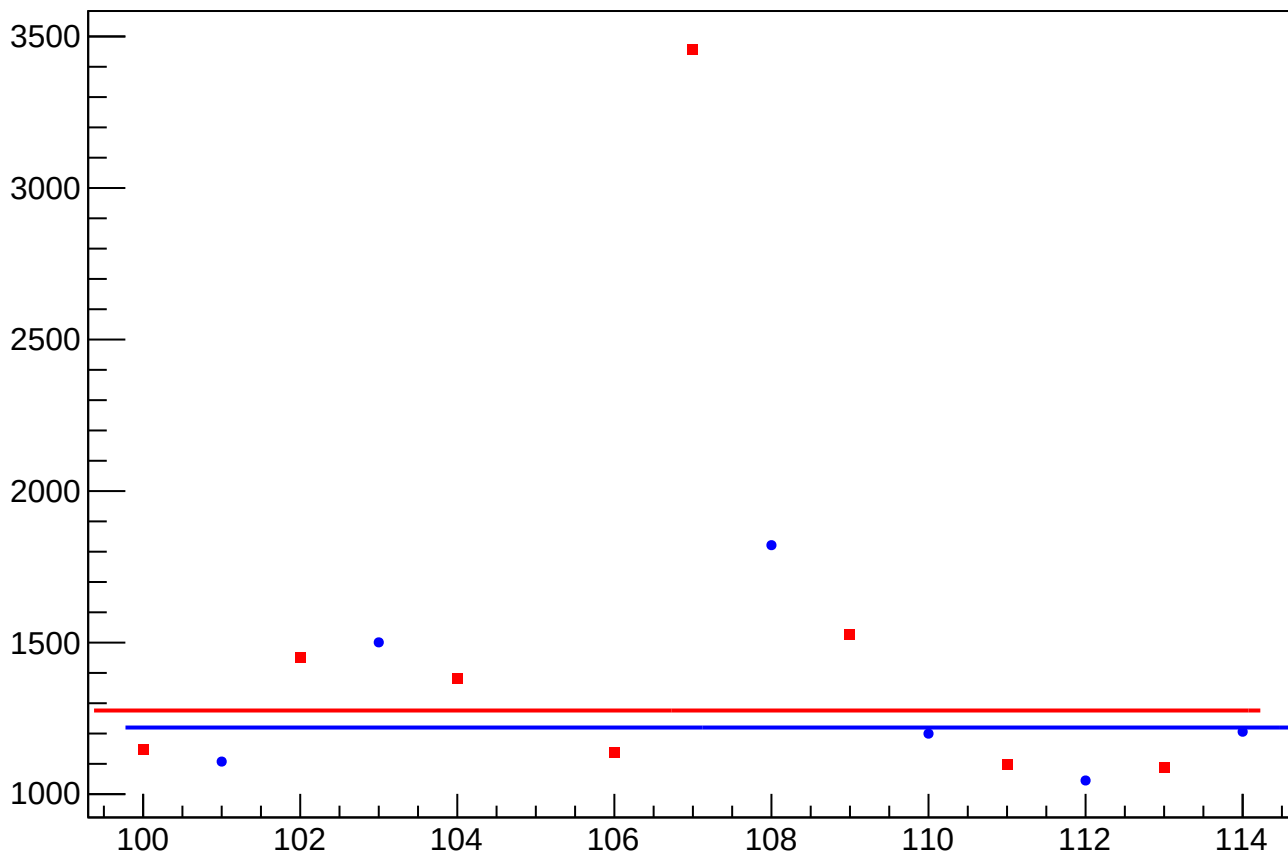
Right: -229.844+/-525.445 χ^2/NDF : 19.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.844+/-525.445 χ^2/NDF : 19.1/13

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1219.831+/-0.540 χ^2/NDF : 169447.3/5

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

Right Out: 1275.993+/-0.512 χ^2/NDF : 308318.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

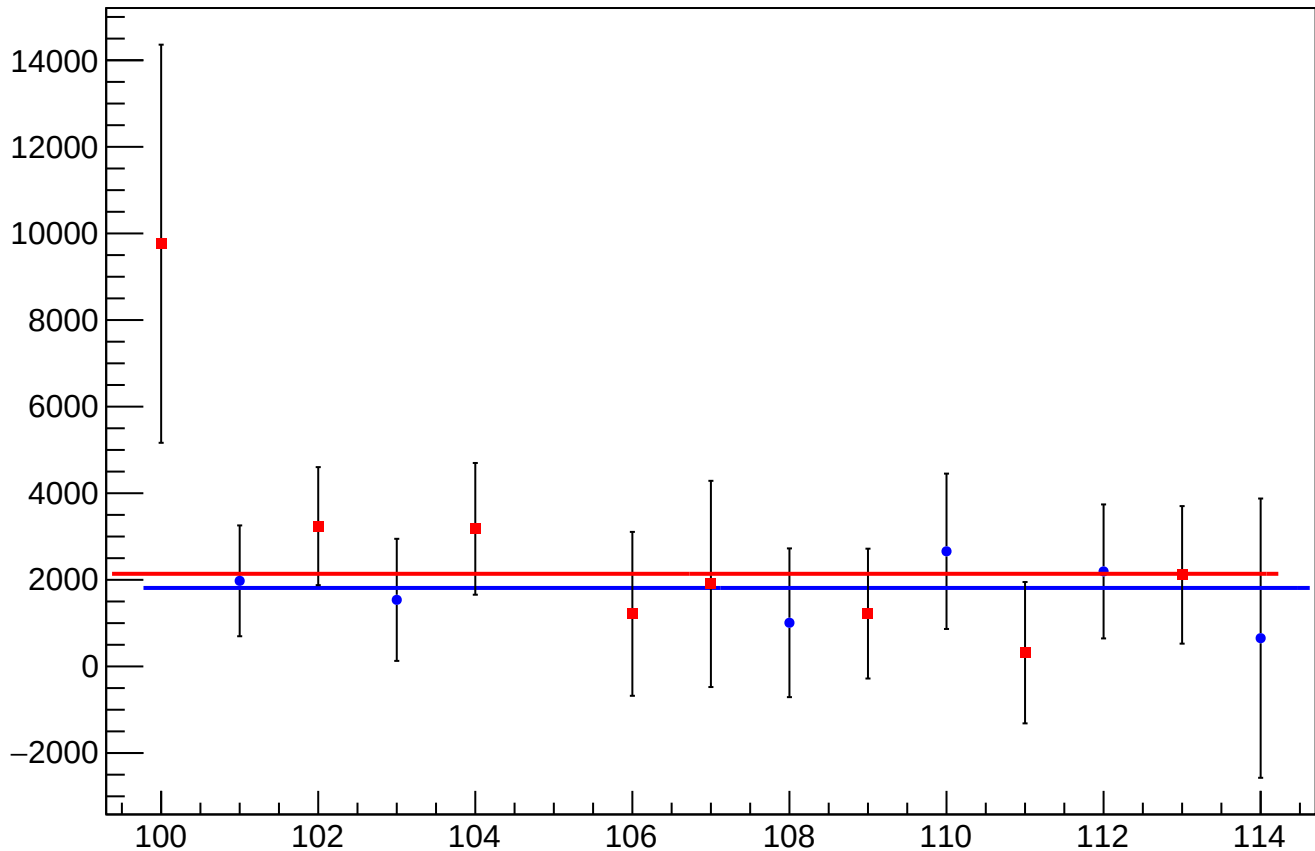
Right: 1249.365+/-0.372 χ^2/NDF : 483462.6/13

In: 1219.831+/-0.540 χ^2/NDF : 169447.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1249.365+/-0.372 χ^2/NDF : 483462.6/13

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1812.655+/-662.674 χ^2/NDF : 0.7/5

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

Right Out: 2139.240+/-609.749 χ^2/NDF : 5.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

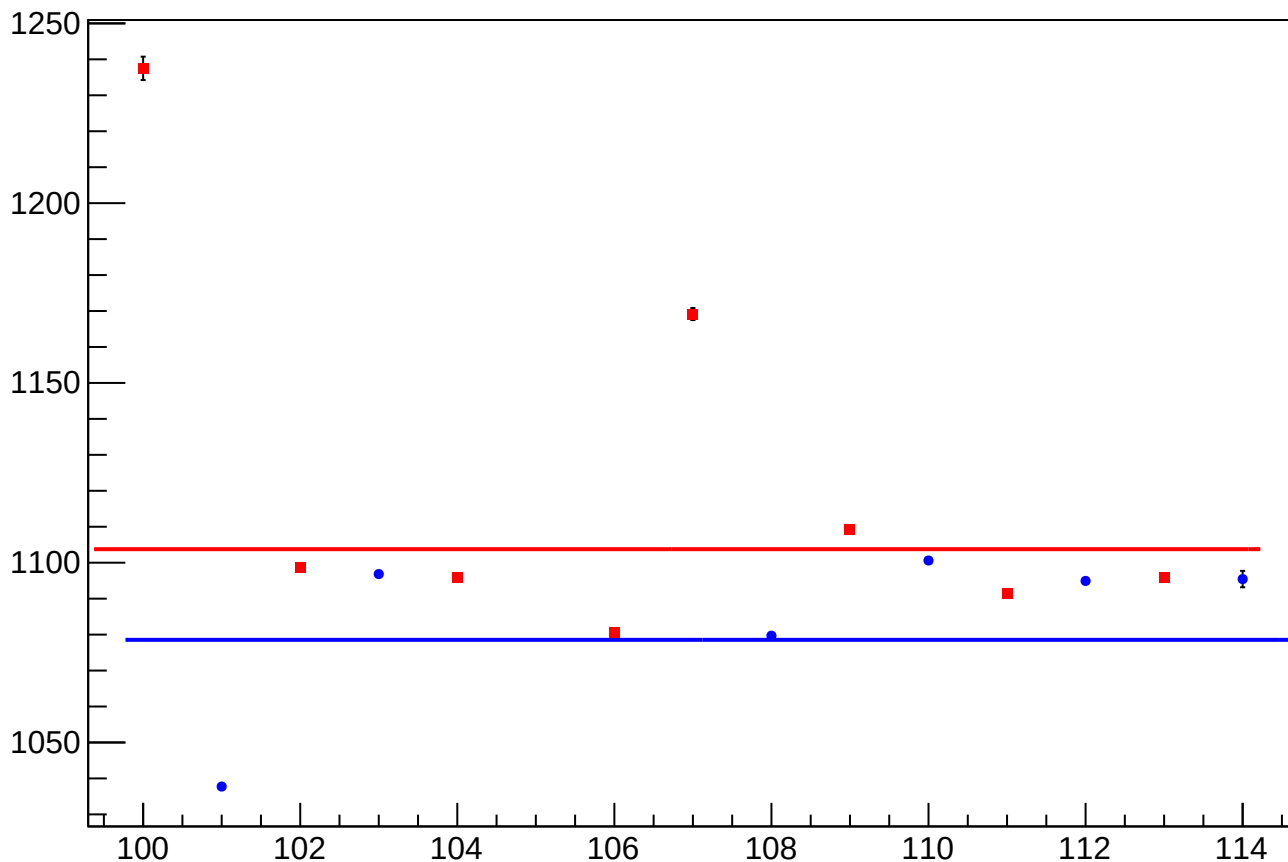
Right: 1989.508+/-448.703 χ^2/NDF : 6.6/13

In: 1812.655+/-662.674 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.508+/-448.703 χ^2/NDF : 6.6/13

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



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

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

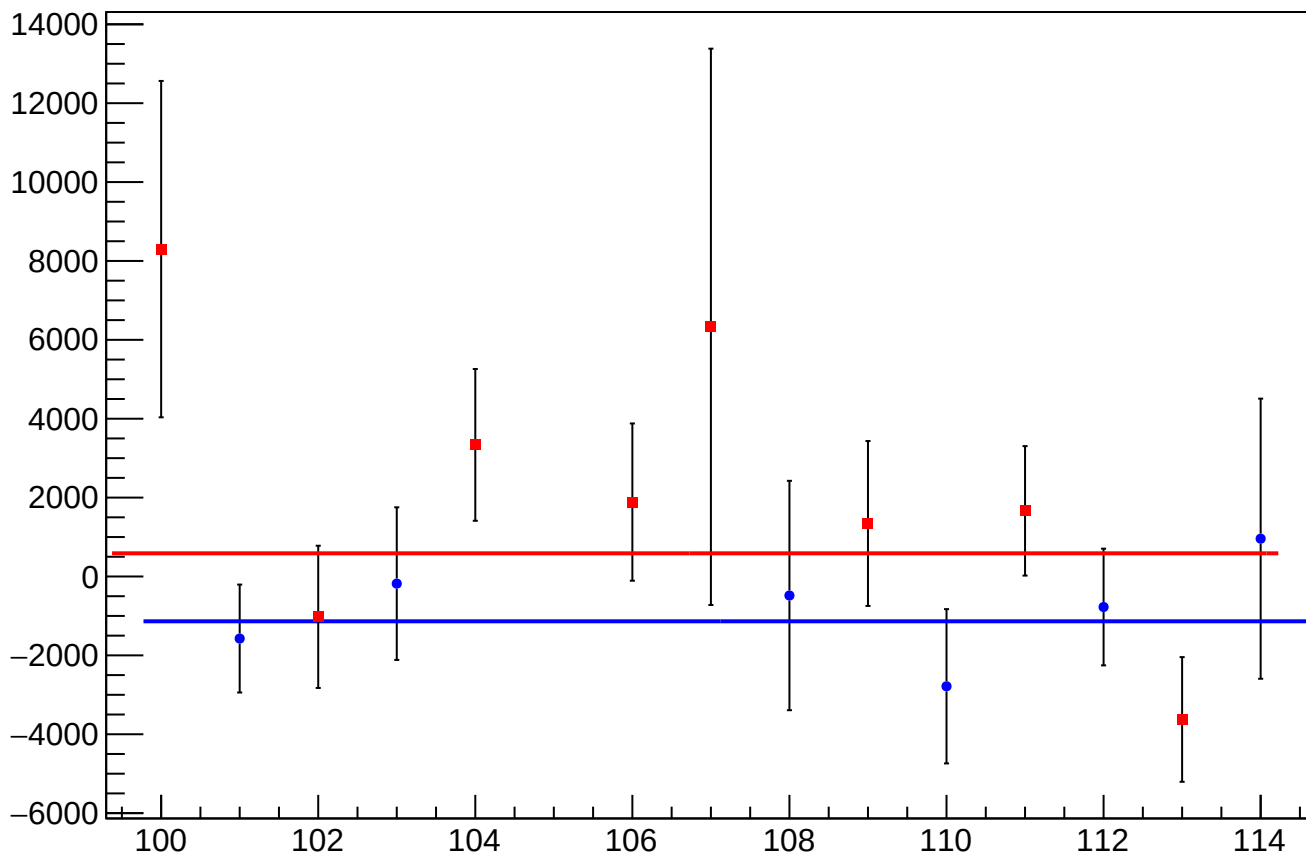
Right: 1092.201 $\pm$ 0.317 χ^2 /NDF: 8293.2/13

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

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

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

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

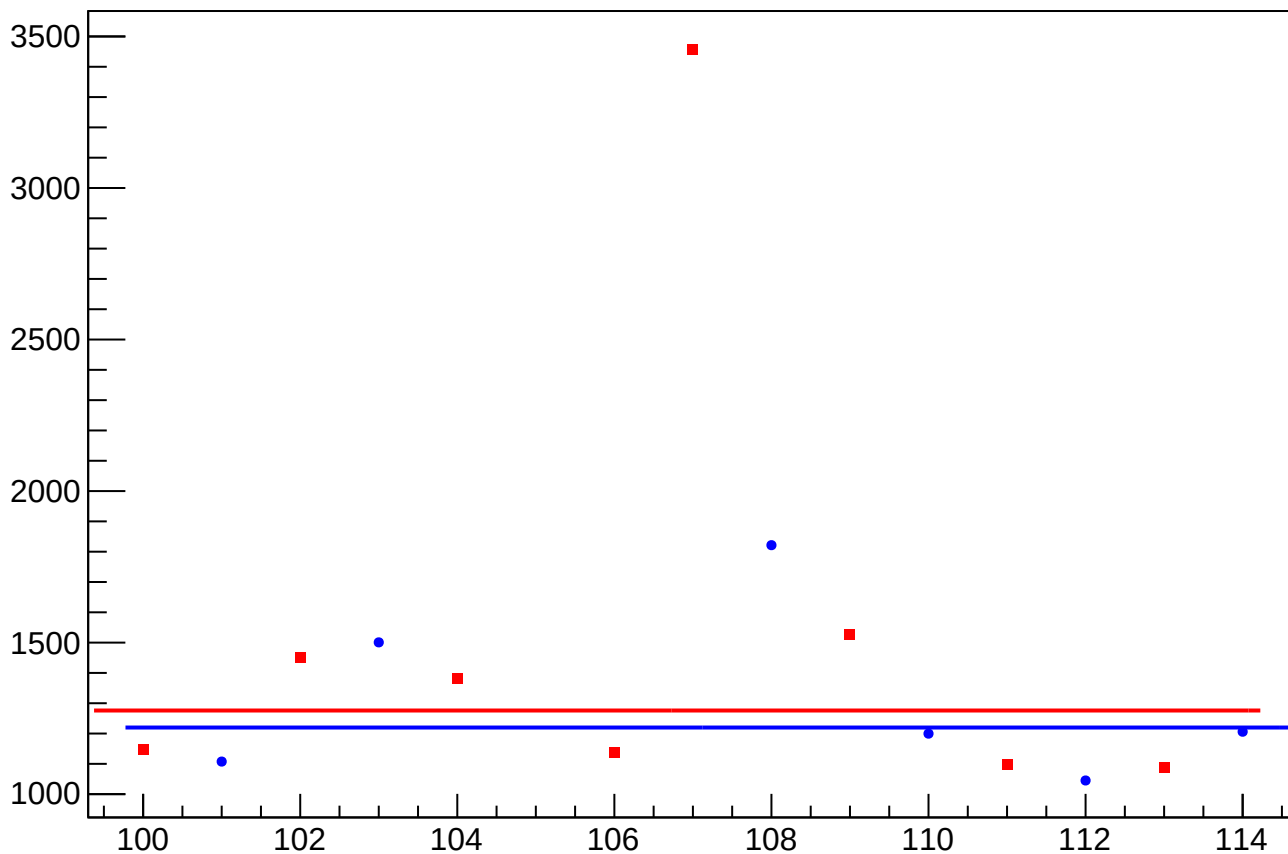
Right: -229.843+/-525.444 χ^2/NDF : 19.1/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.843+/-525.444 χ^2/NDF : 19.1/13

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

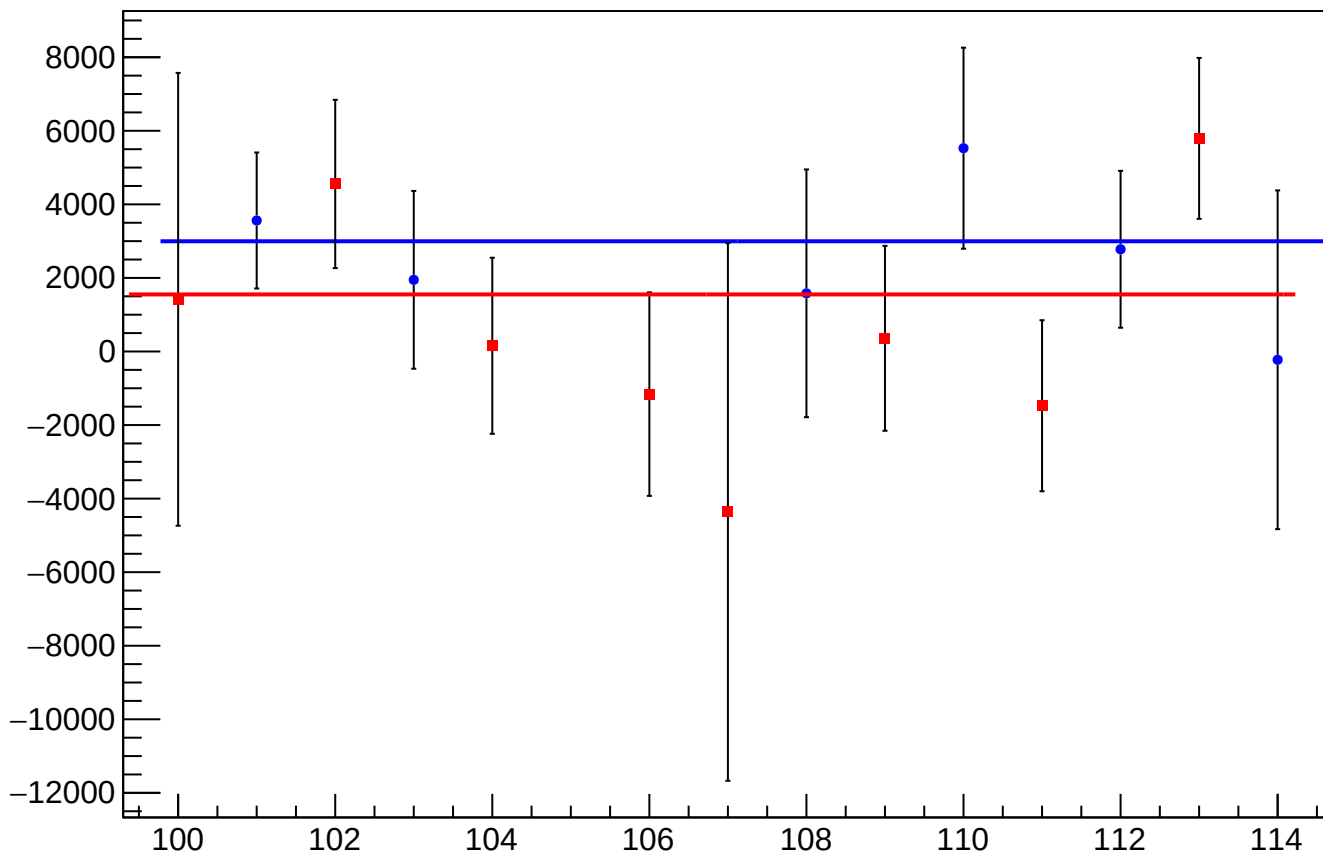
Right: 1249.364+/-0.372 χ^2/NDF : 483459.0/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

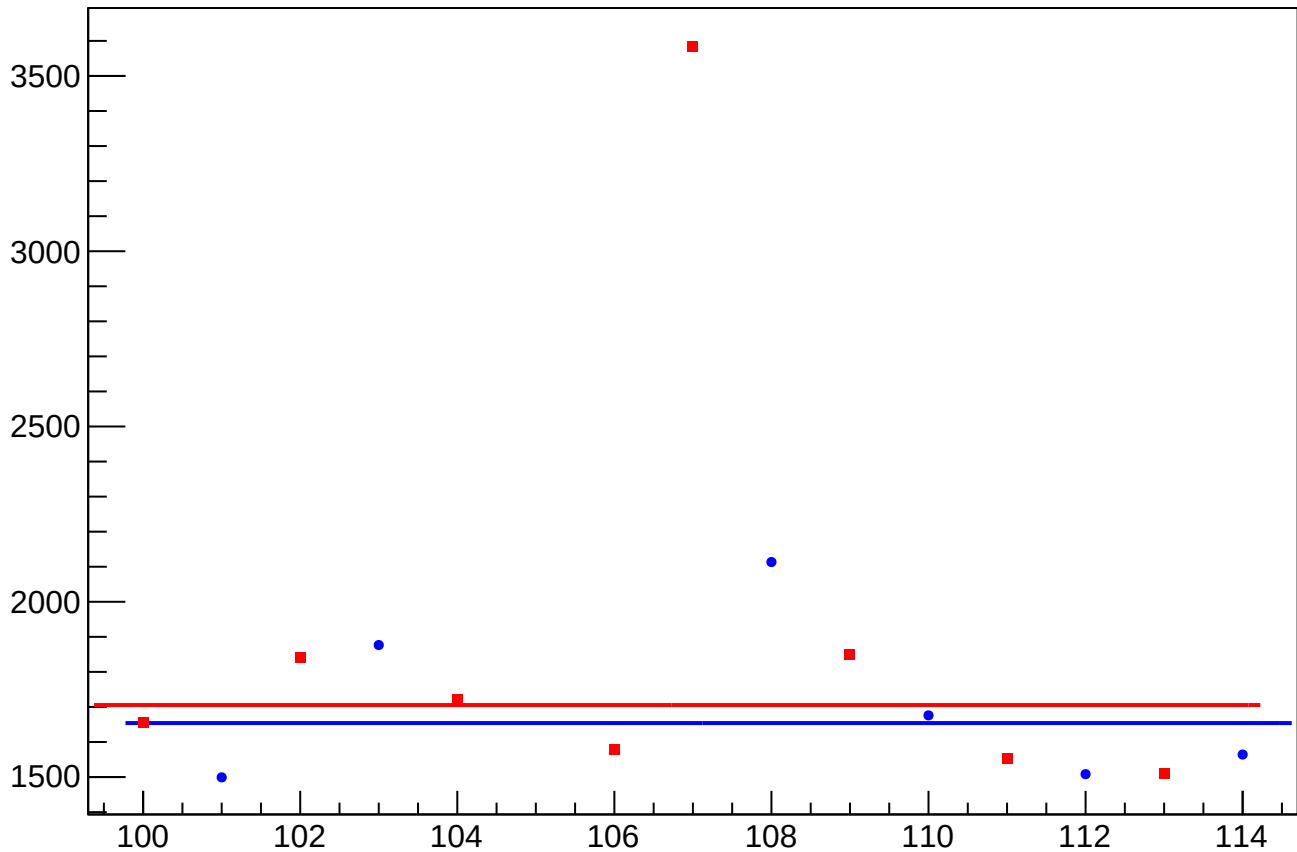
Right: 2224.228+/-699.102 χ^2/NDF : 12.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2224.228+/-699.102 χ^2/NDF : 12.2/13

asym_usl_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

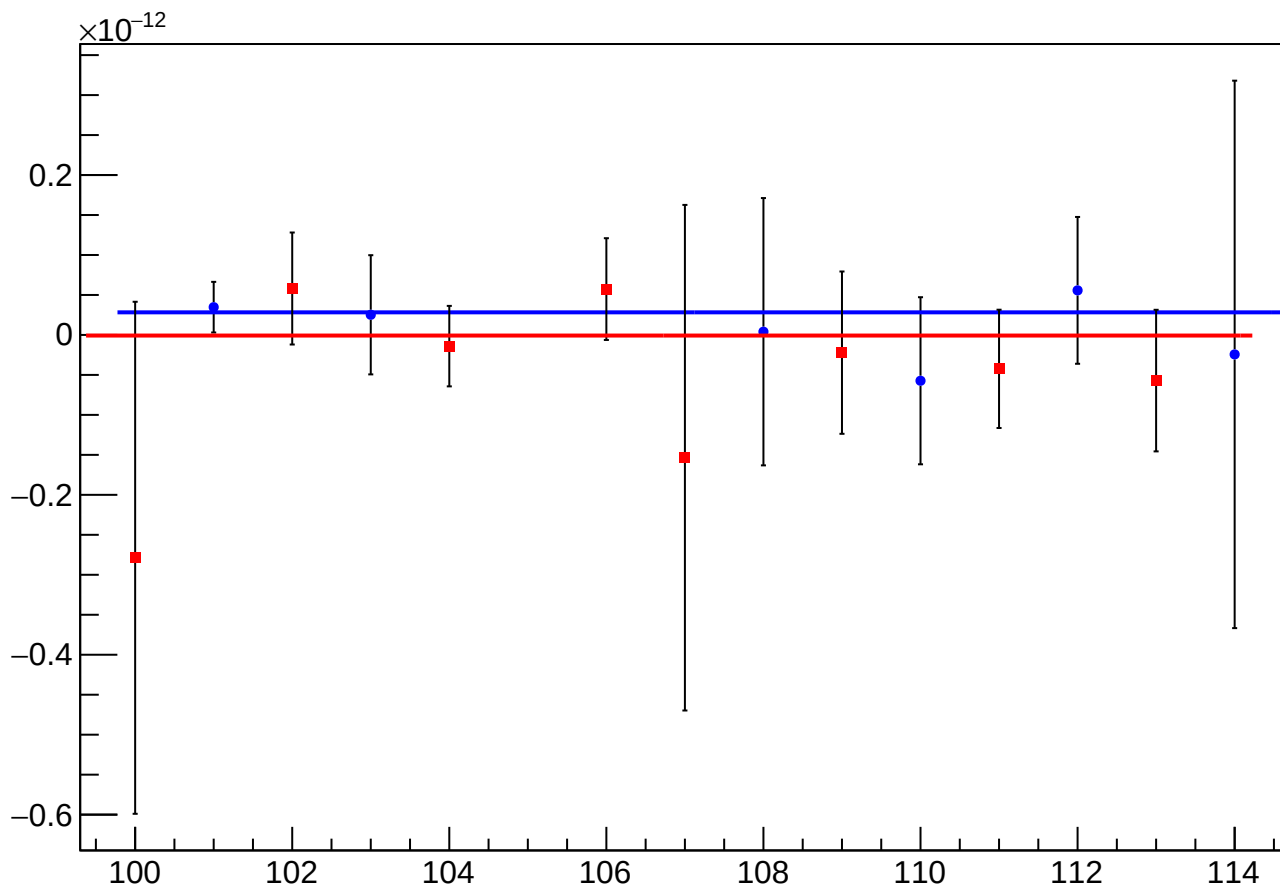
Right: 1681.524+/-0.494 χ^2/NDF : 255947.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

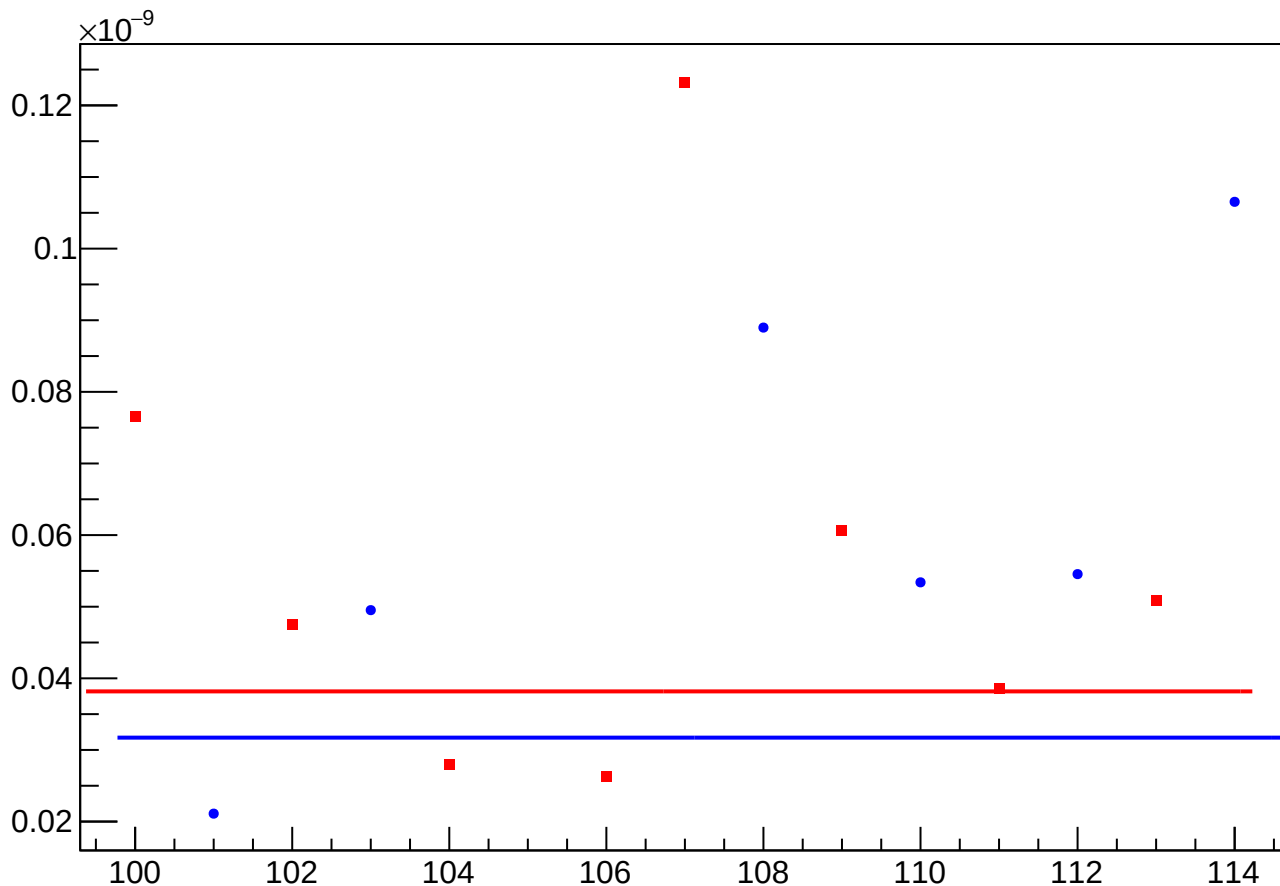
Right: 0.000+/-0.000 χ^2/NDF : 4.8/13

In: 0.000+/-0.000 χ^2/NDF : 0.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.8/13

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

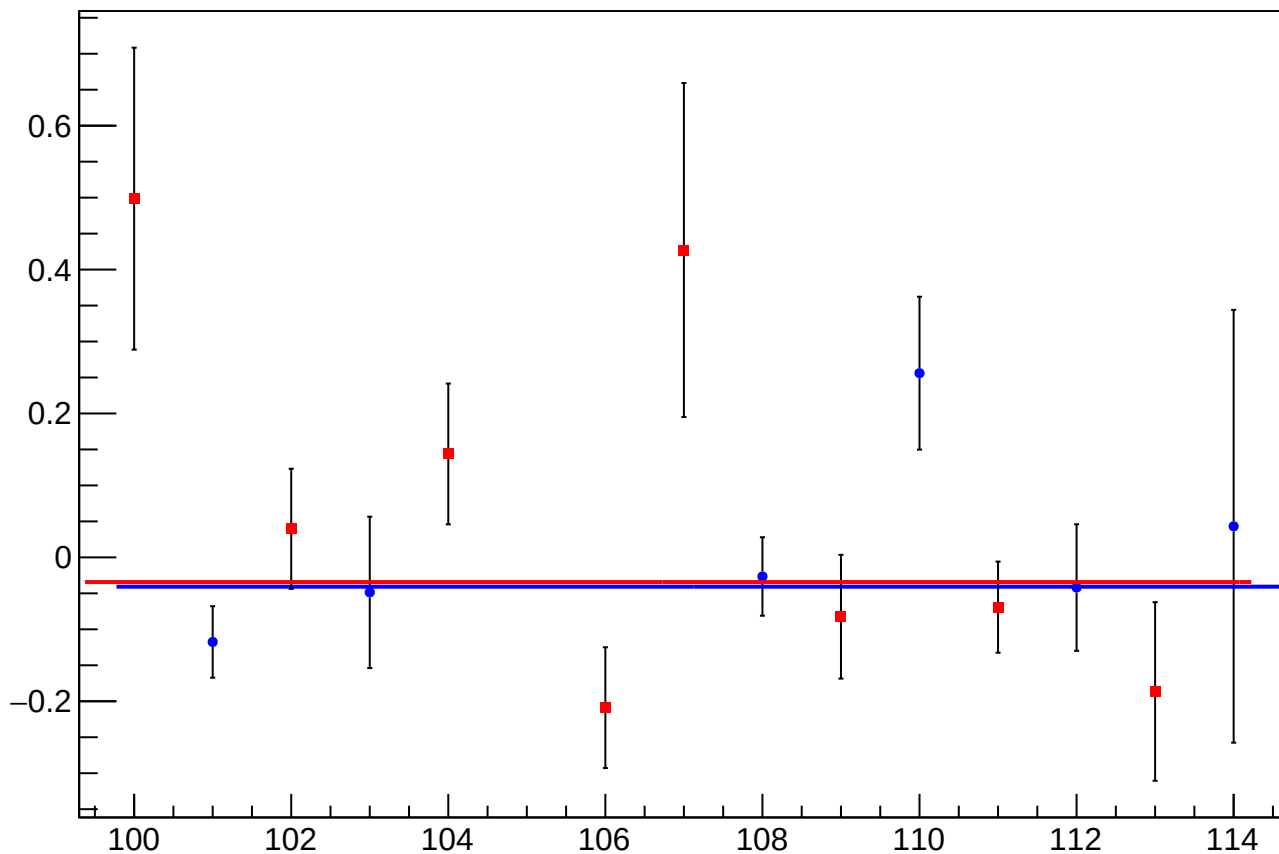
Right: 0.000+/-0.000 χ^2/NDF : 1435967.6/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

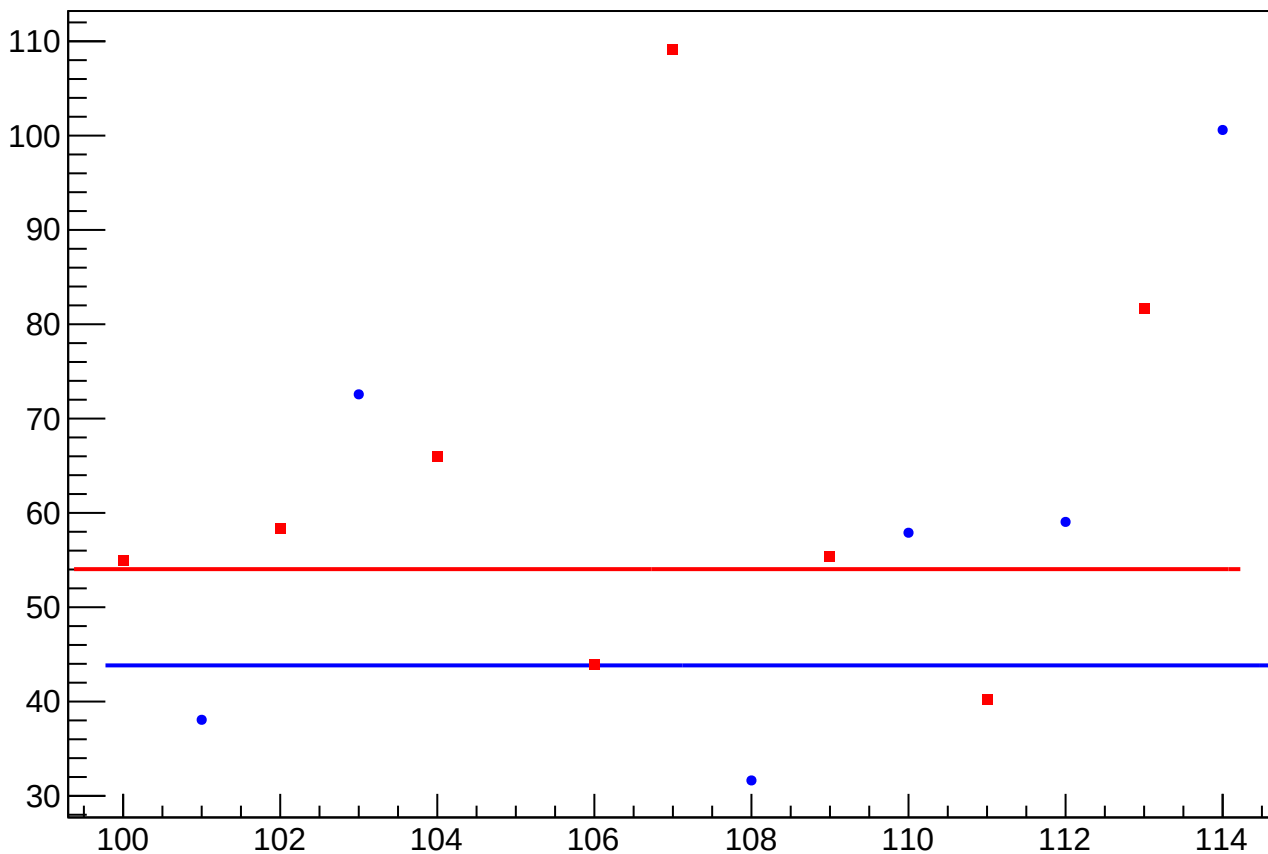
Right: -0.038 ± 0.023 χ^2/NDF : 31.3/13

In: -0.041 ± 0.031 χ^2/NDF : 10.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.023 χ^2/NDF : 31.3/13

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

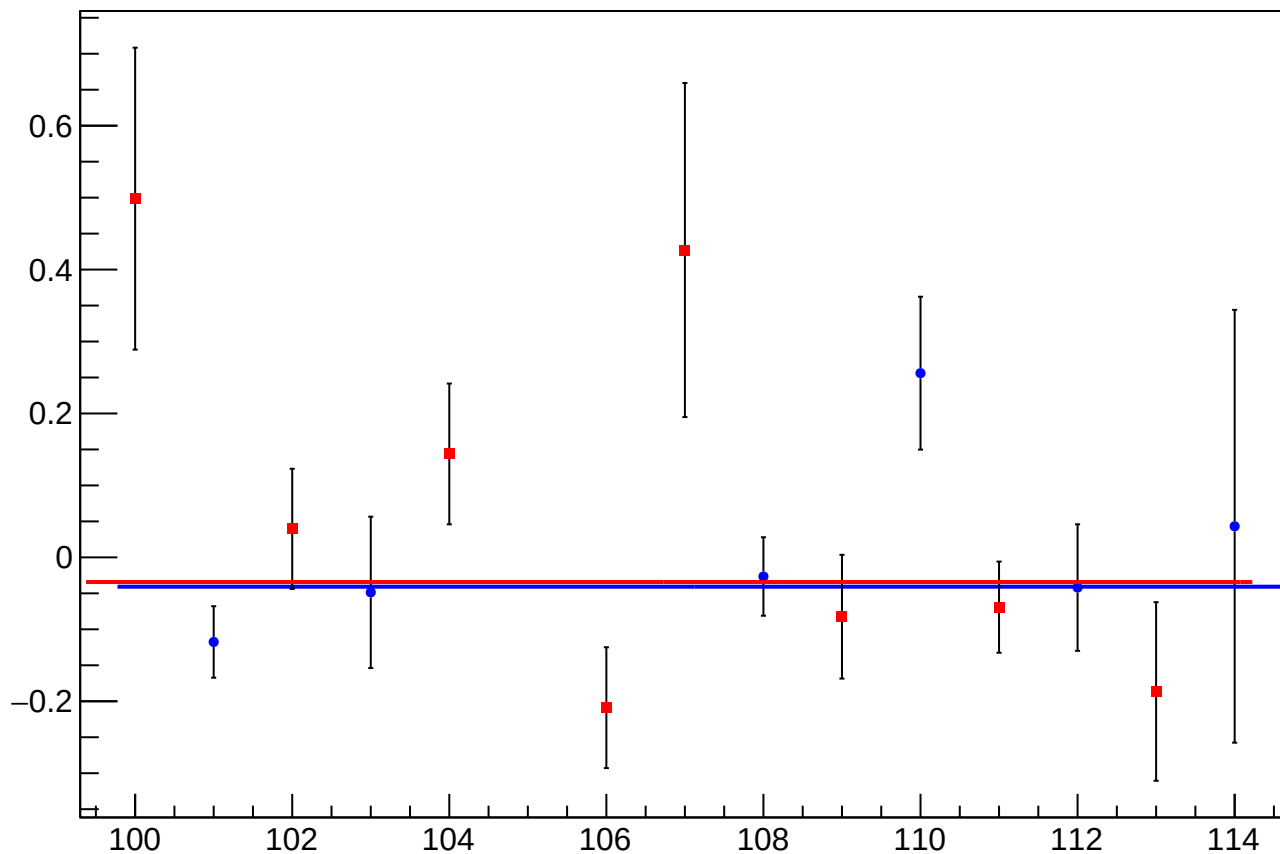
Right: 48.461+/-0.016 χ^2/NDF : 914952.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

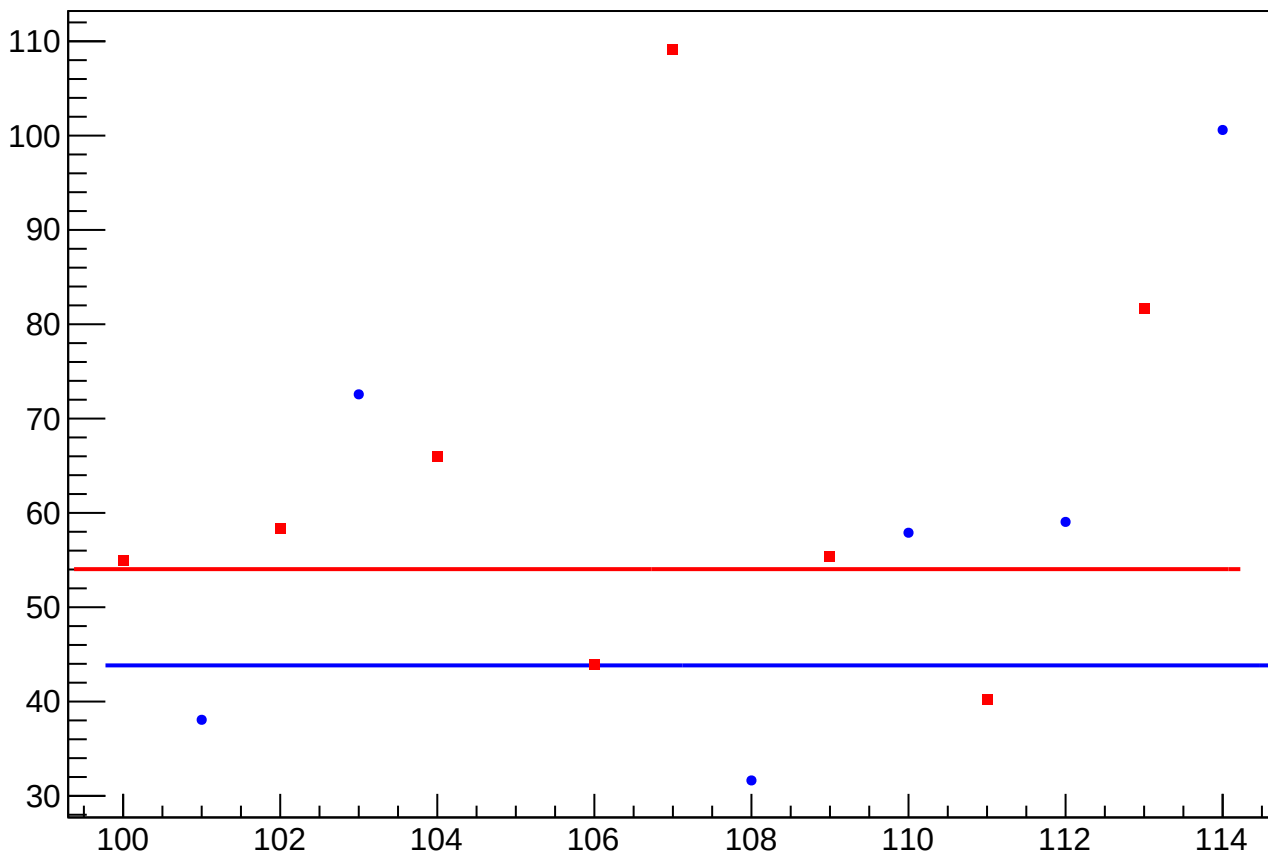
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.3/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.3/13

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

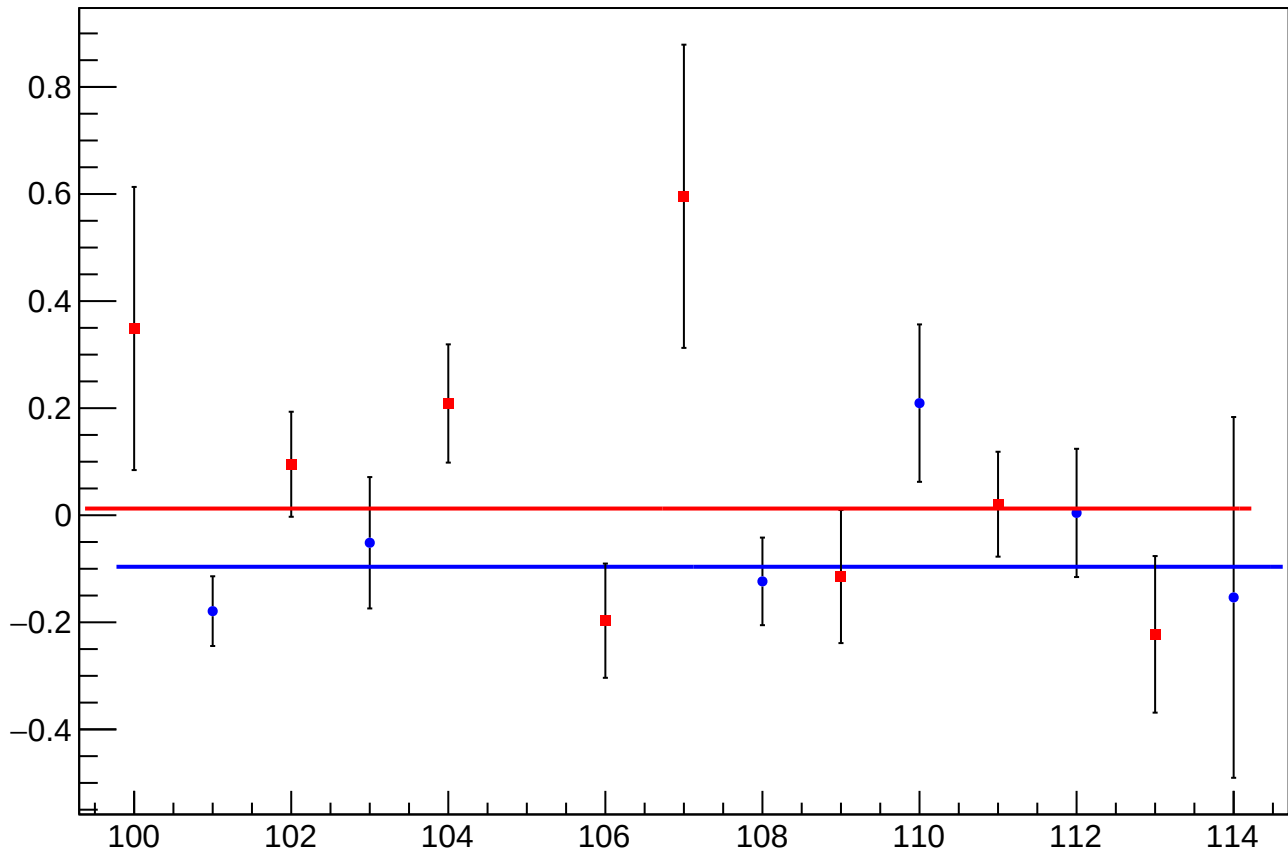
Right: 48.461+/-0.016 χ^2/NDF : 914952.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

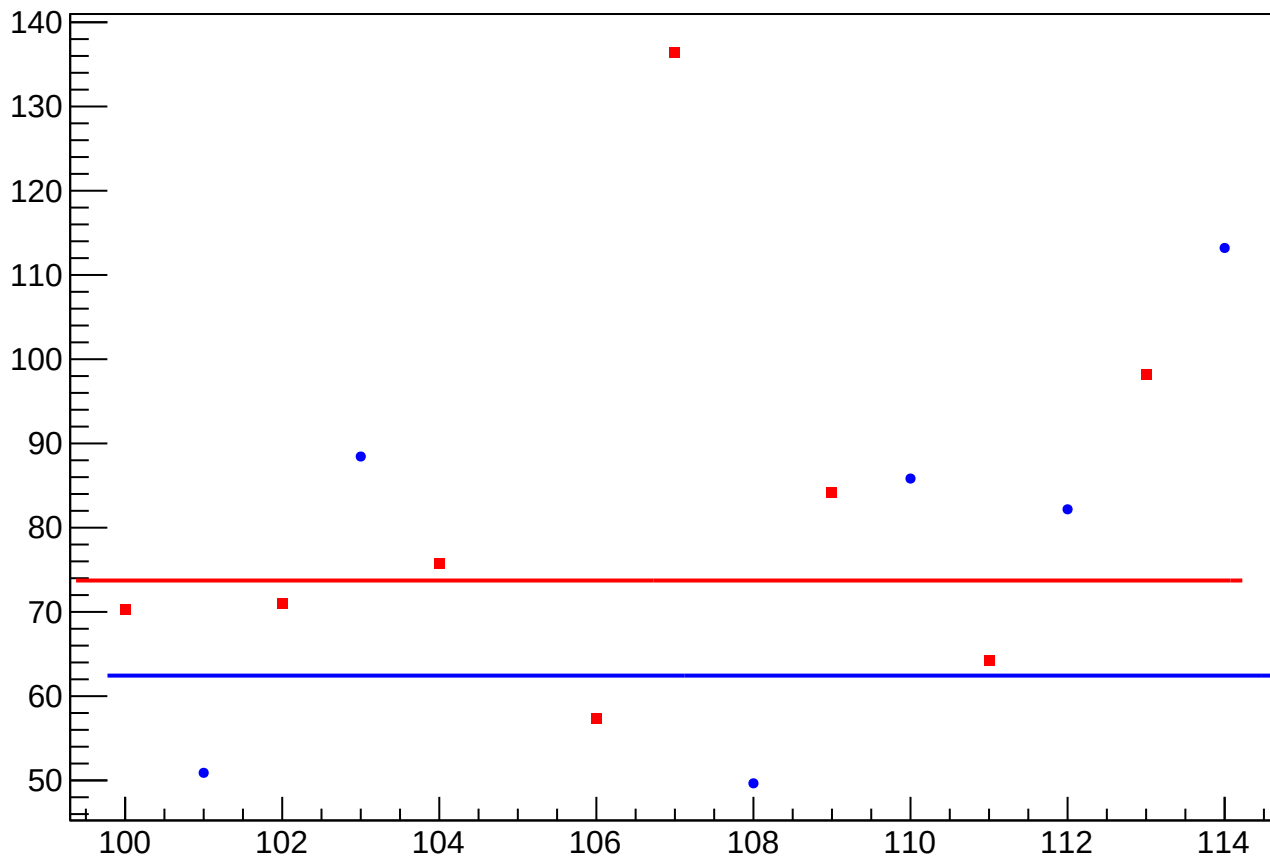
Right: -0.045+/-0.030 χ^2/NDF : 27.4/13

In: -0.096+/-0.042 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.030 χ^2/NDF : 27.4/13

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.440 $\pm$ 0.029 χ^2 /NDF: 351899.1/5

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

Right Out: 73.729 $\pm$ 0.031 χ^2 /NDF: 236616.3/7

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

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

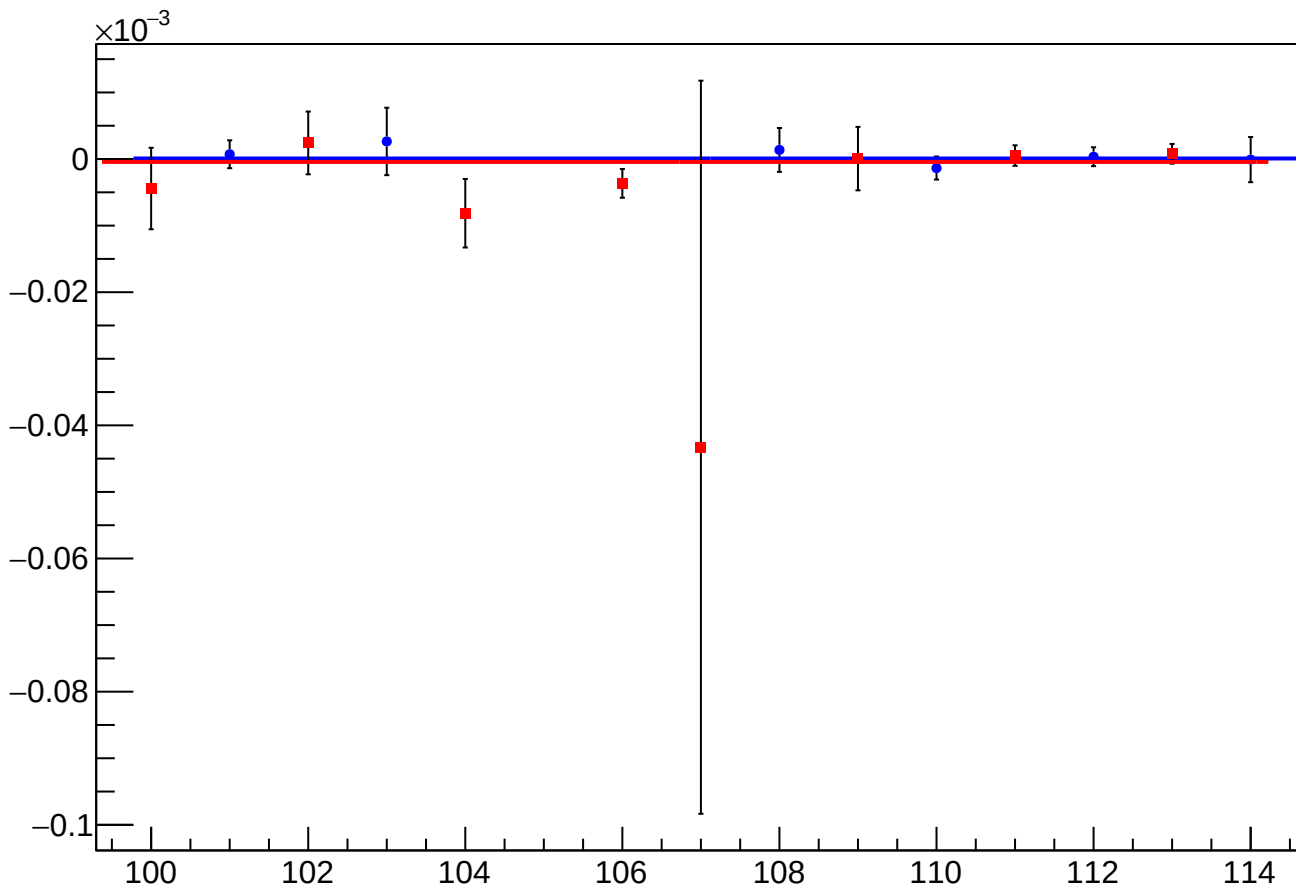
Right: 67.773 $\pm$ 0.021 χ^2 /NDF: 657921.3/13

In: 62.440 $\pm$ 0.029 χ^2 /NDF:351899.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.773 $\pm$ 0.021 χ^2 /NDF: 657921.3/13

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

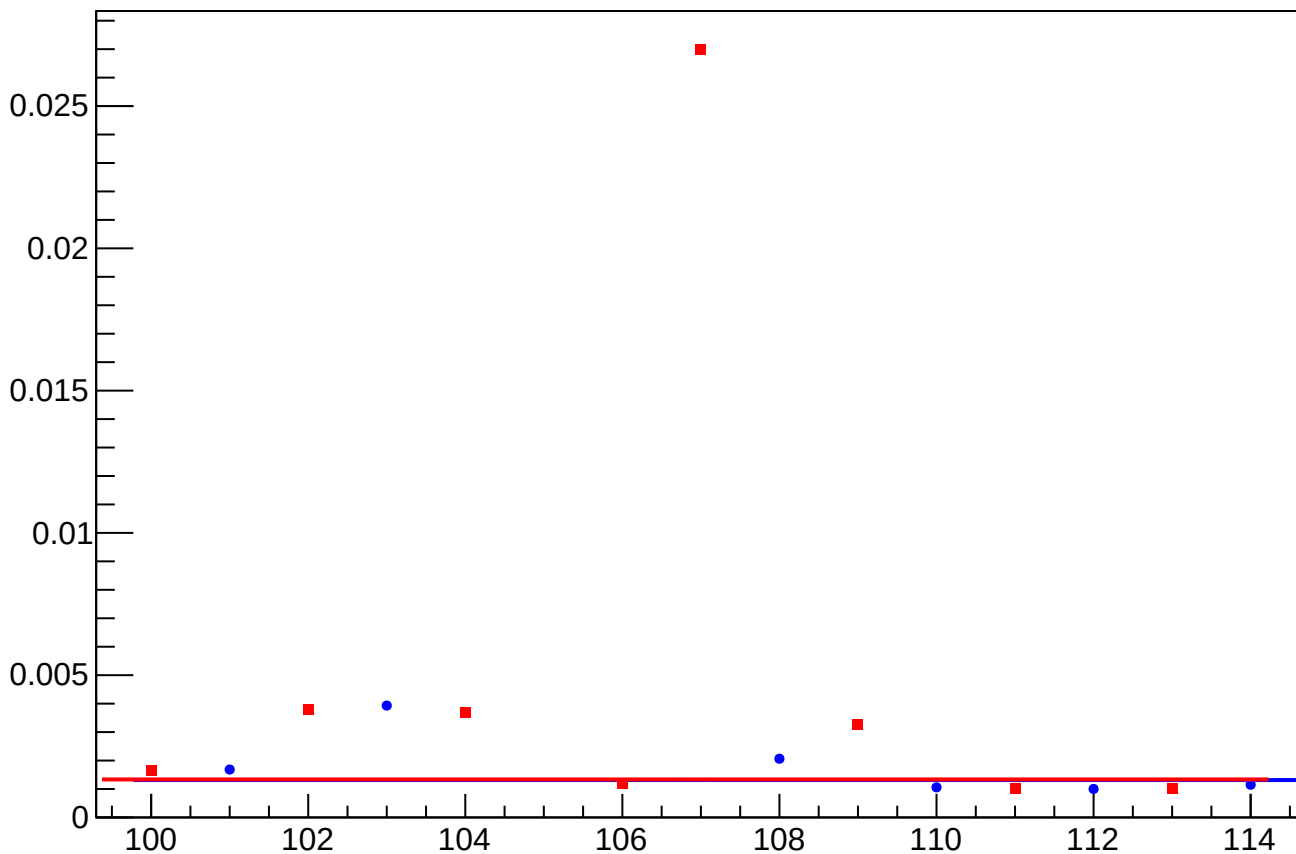
Right: -0.000+/-0.000 χ^2/NDF : 8.3/13

In: 0.000+/-0.000 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.3/13

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

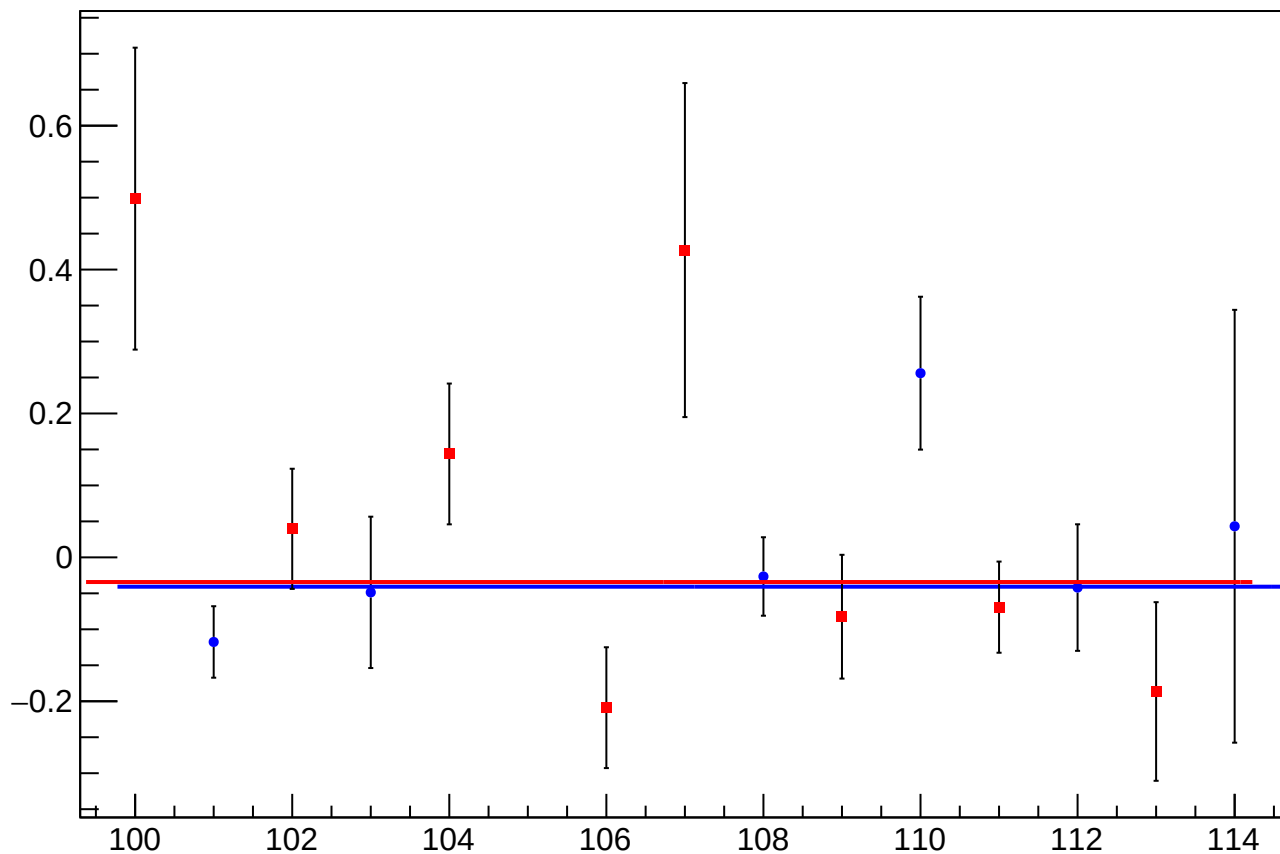
Right: 0.001+/-0.000 χ^2/NDF : 2754077.6/13

In: 0.001+/-0.000 χ^2/NDF :846536.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

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

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

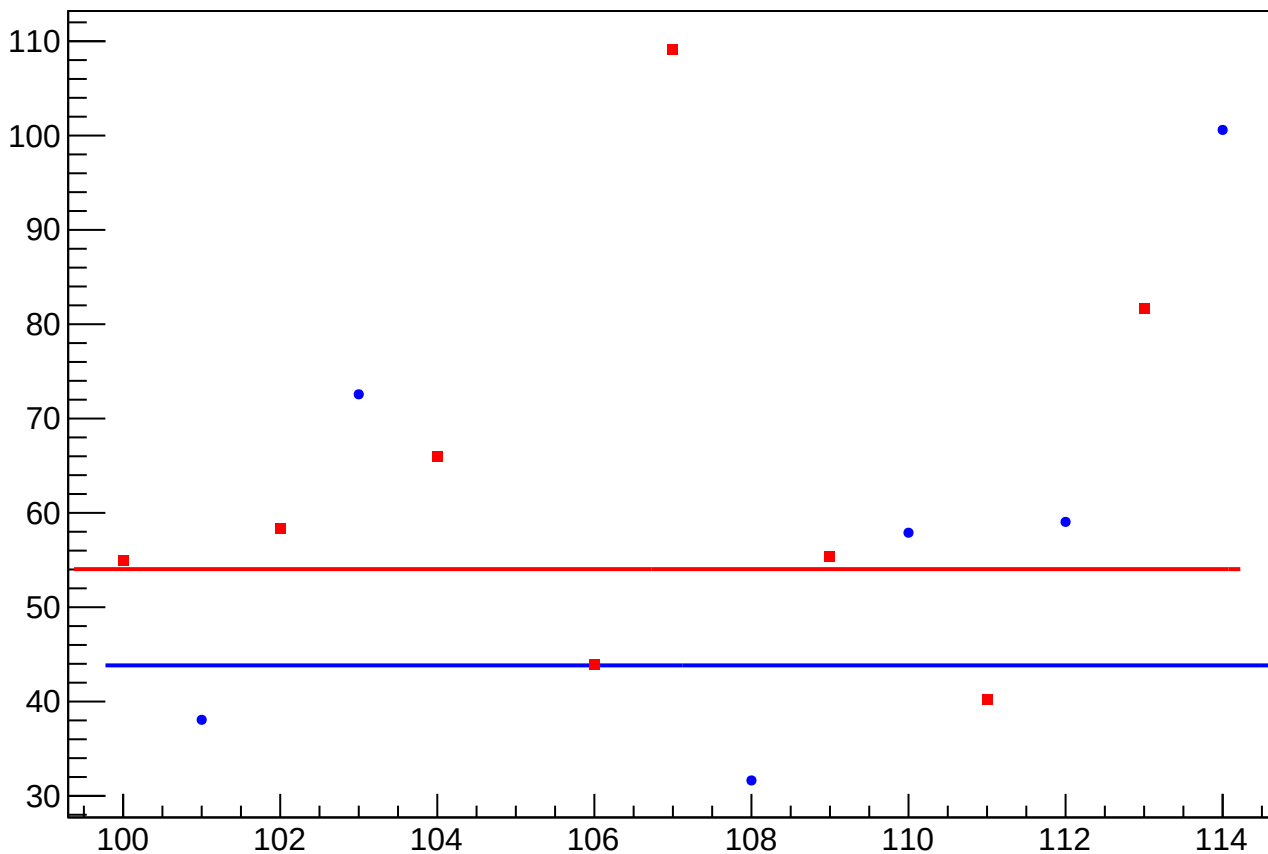
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.3/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.3/13

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

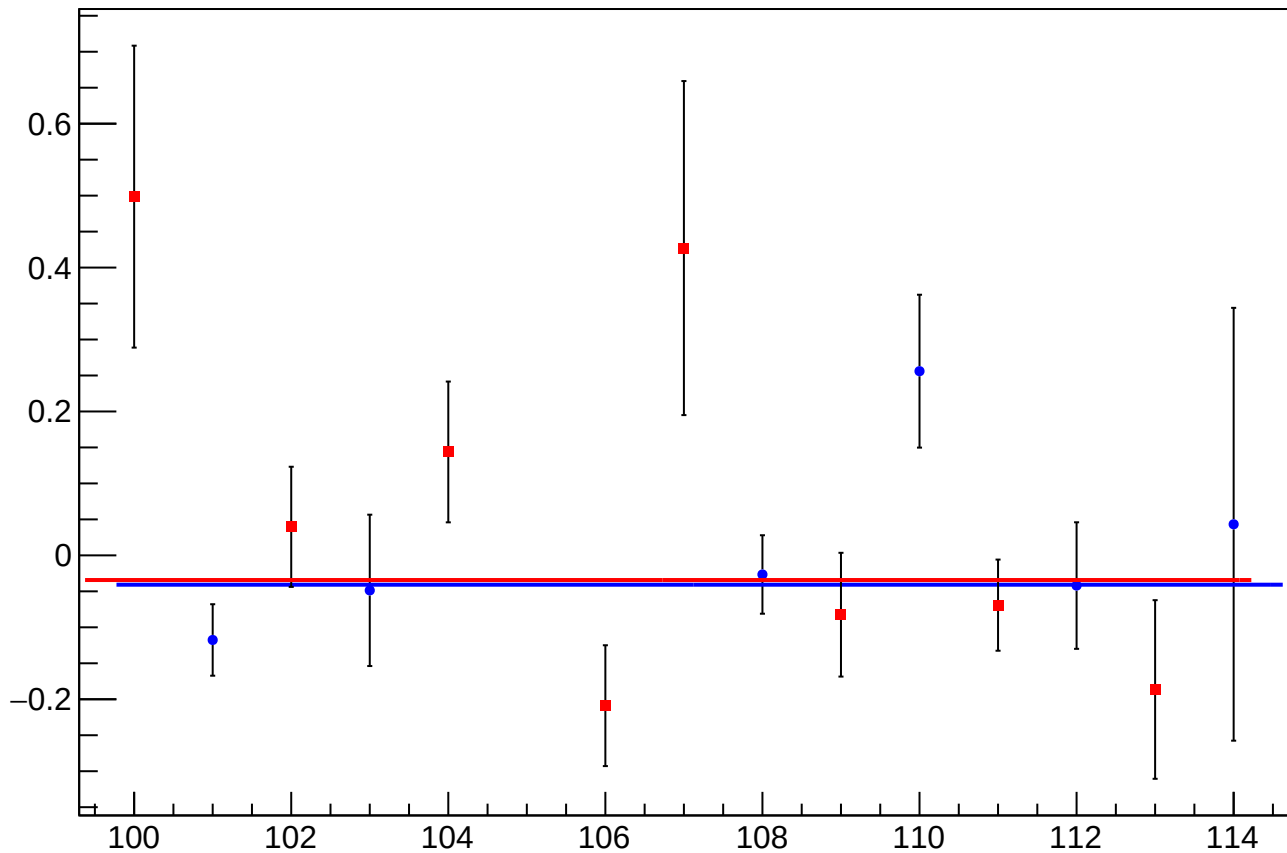
Right: 48.461+/-0.016 χ^2/NDF : 914929.0/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

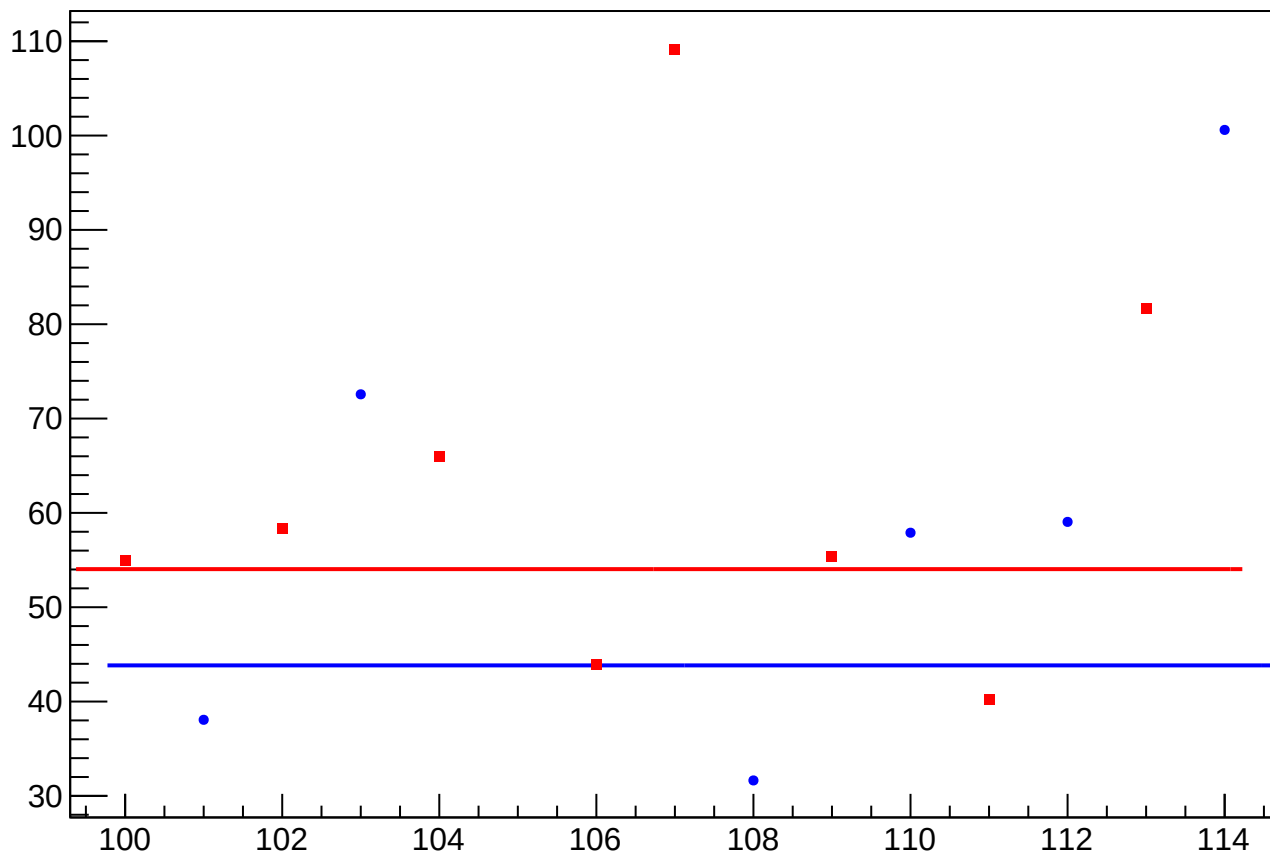
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.3/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.3/13

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

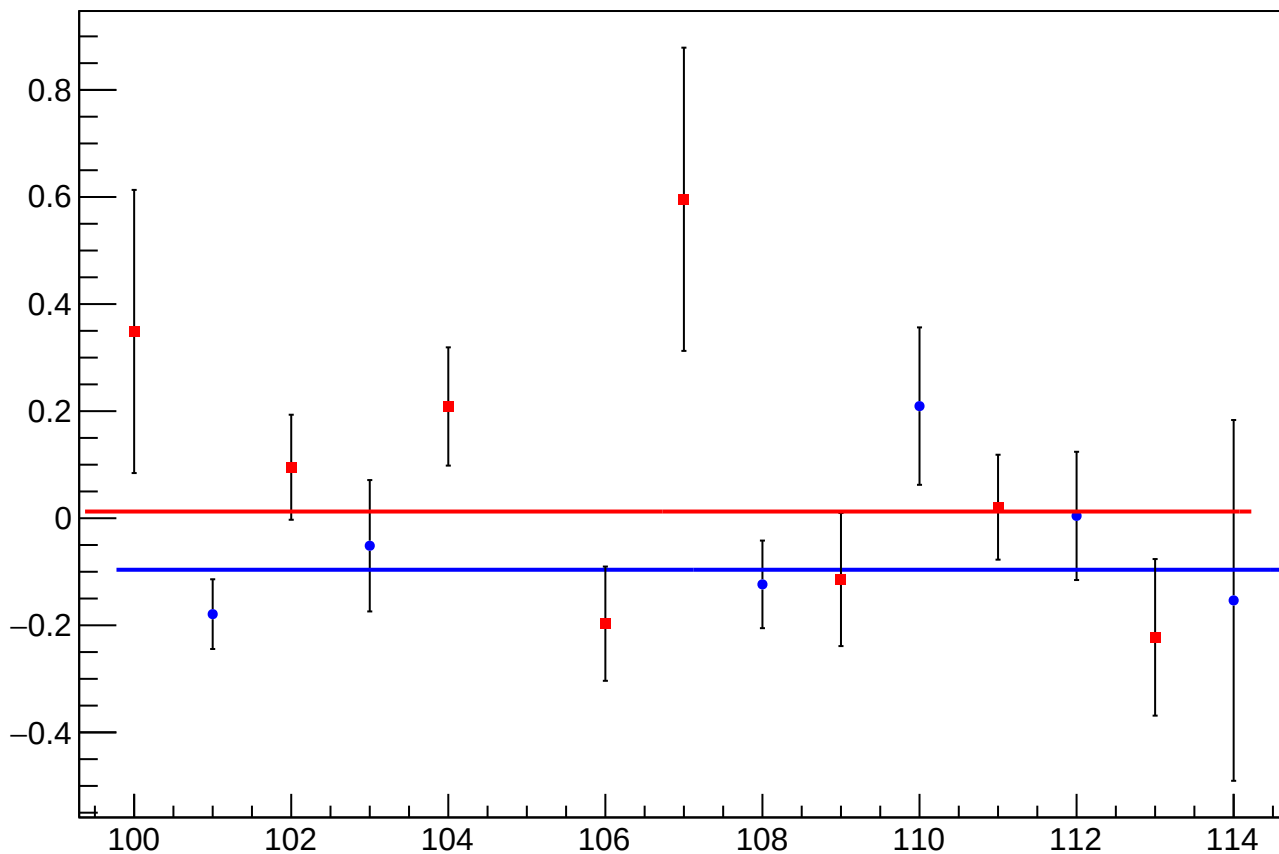
Right: 48.461+/-0.016 χ^2/NDF : 914929.0/13

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

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

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.096 $\pm$ 0.042 χ^2 /NDF: 6.9/5

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

Right Out: 0.013 $\pm$ 0.044 χ^2 /NDF: 17.2/7

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

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

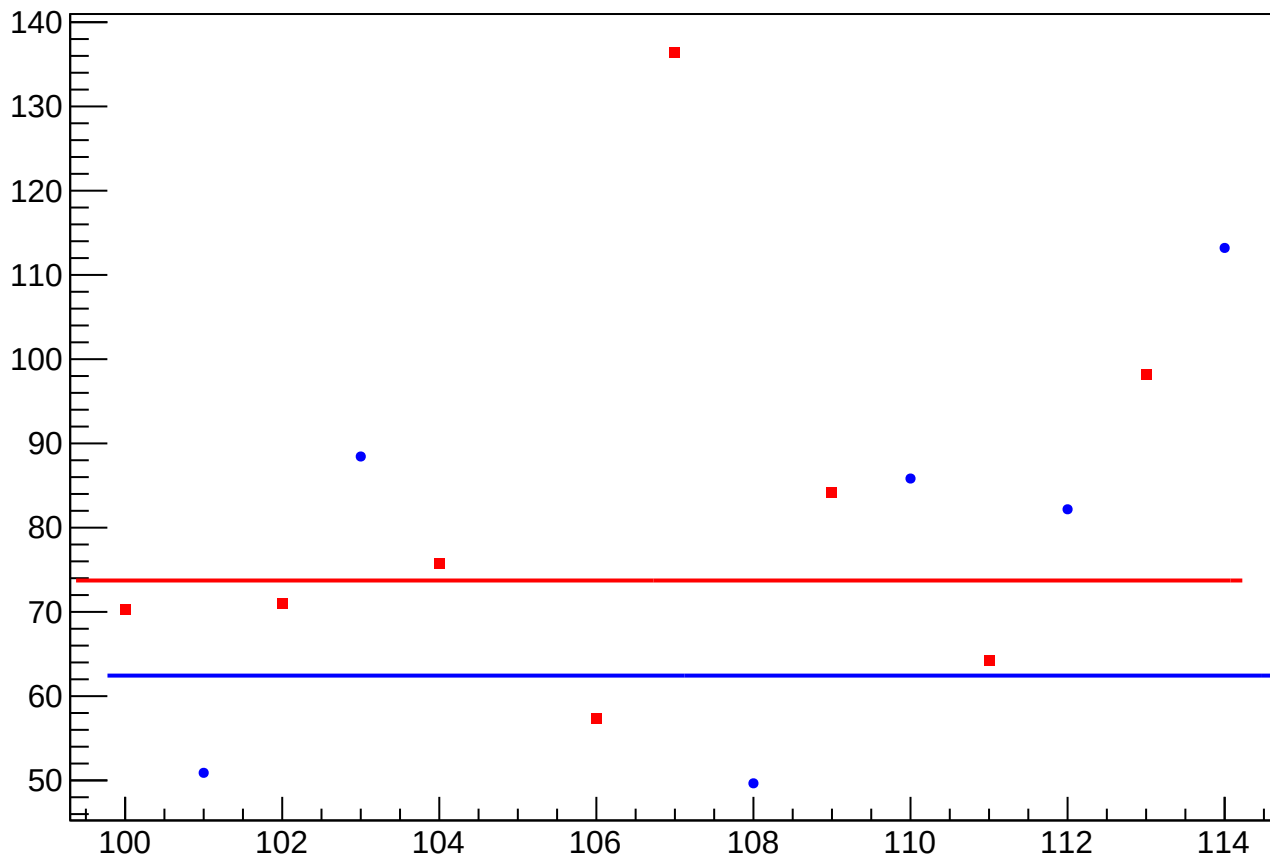
Right: -0.045 $\pm$ 0.030 χ^2 /NDF: 27.4/13

In: -0.096 $\pm$ 0.042 χ^2 /NDF:6.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.030 χ^2 /NDF: 27.4/13

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

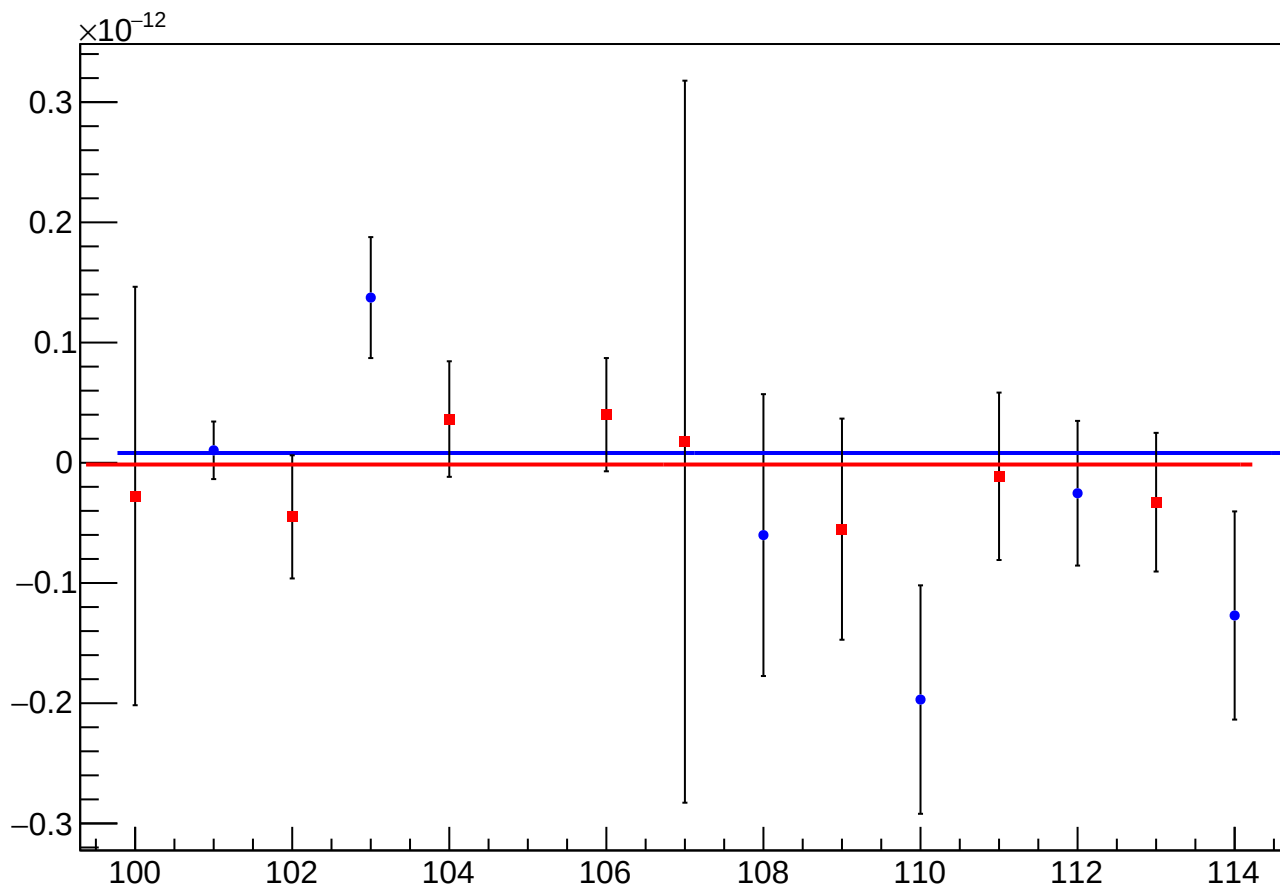
Right: 67.772 $\pm$ 0.021 χ^2 /NDF: 657907.3/13

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.4/5

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

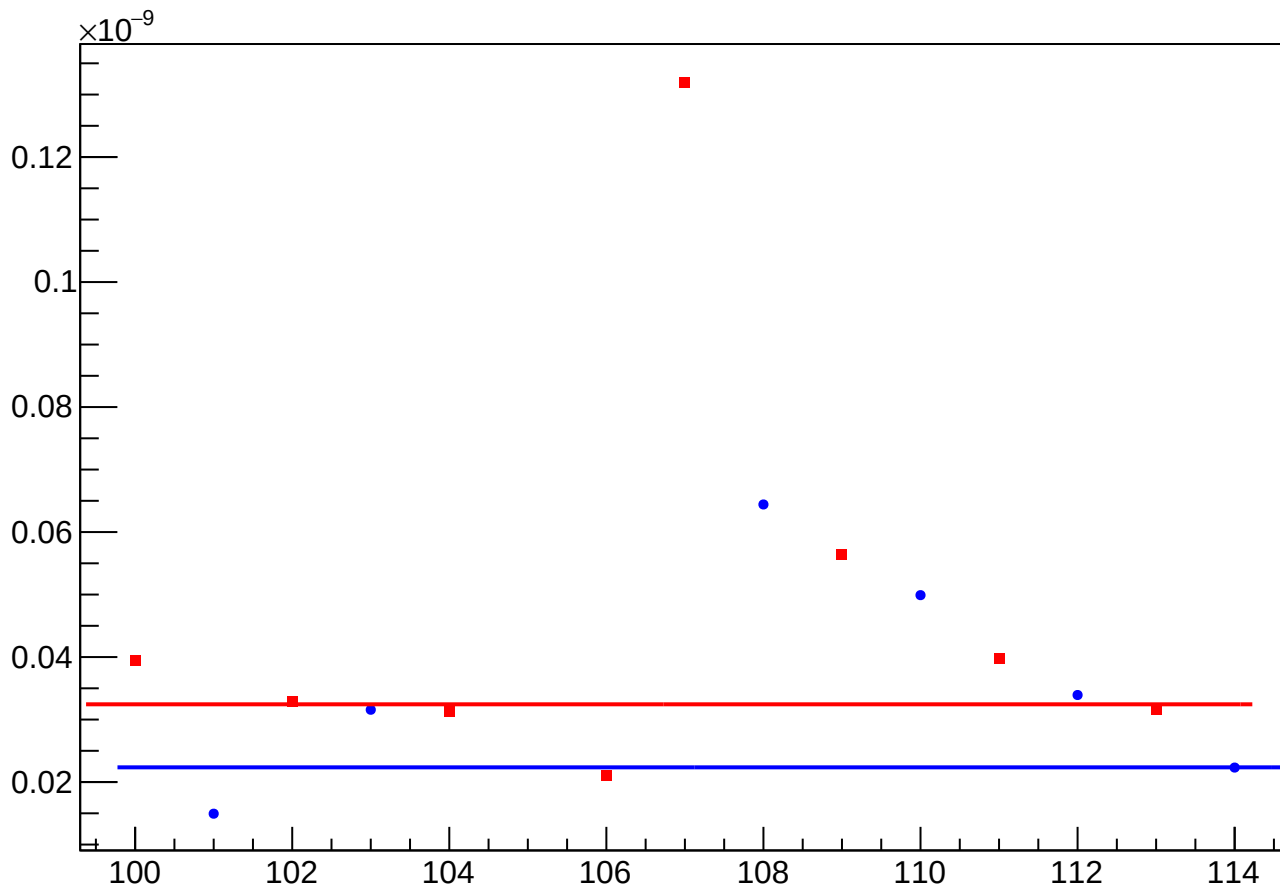
Right: 0.000+/-0.000 χ^2/NDF : 17.3/13

In: 0.000+/-0.000 χ^2/NDF : 14.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.3/13

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 758643.8/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 497213.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

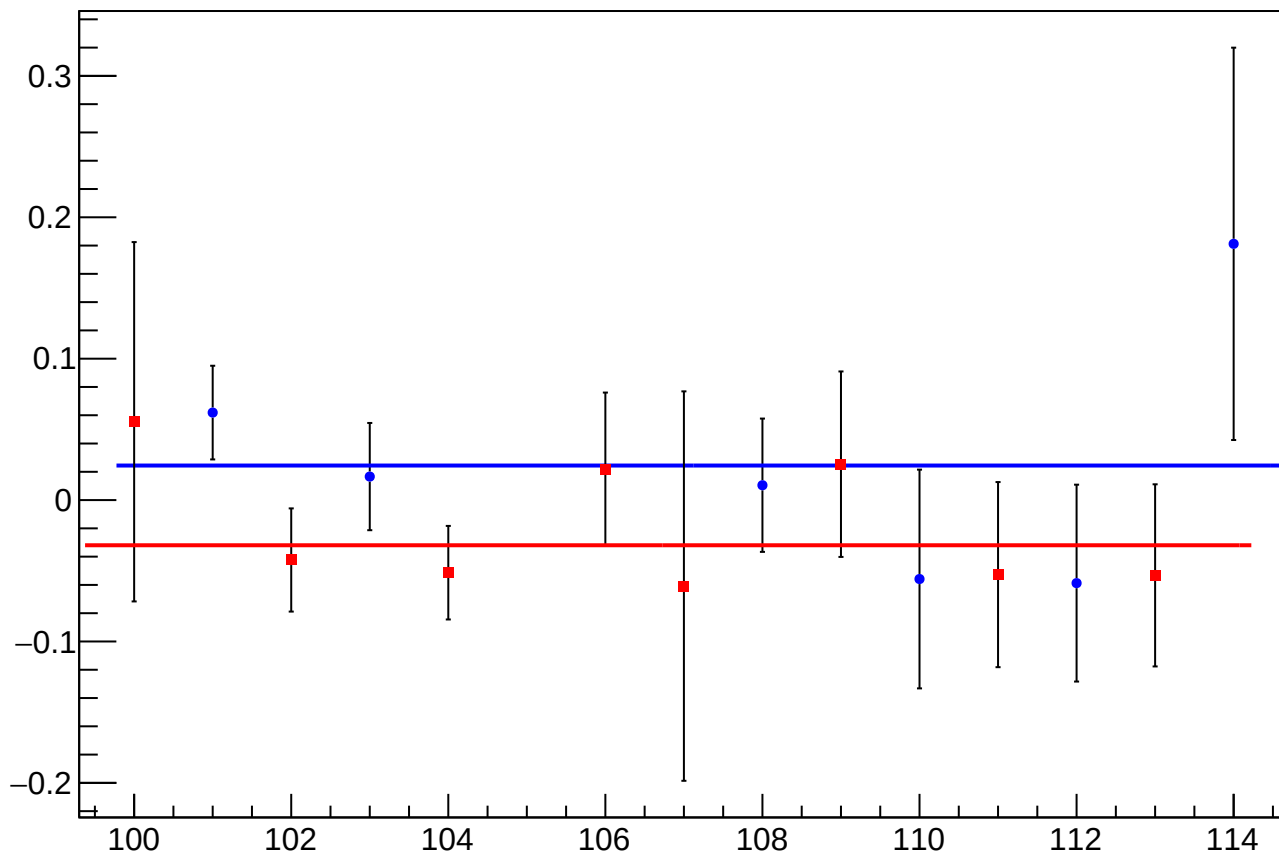
Right: 0.000+/-0.000 χ^2/NDF : 1486288.7/13

In: 0.000+/-0.000 χ^2/NDF : 758643.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1486288.7/13

asym_usl_overload_cor_vs_slug, Sign Corrected



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

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

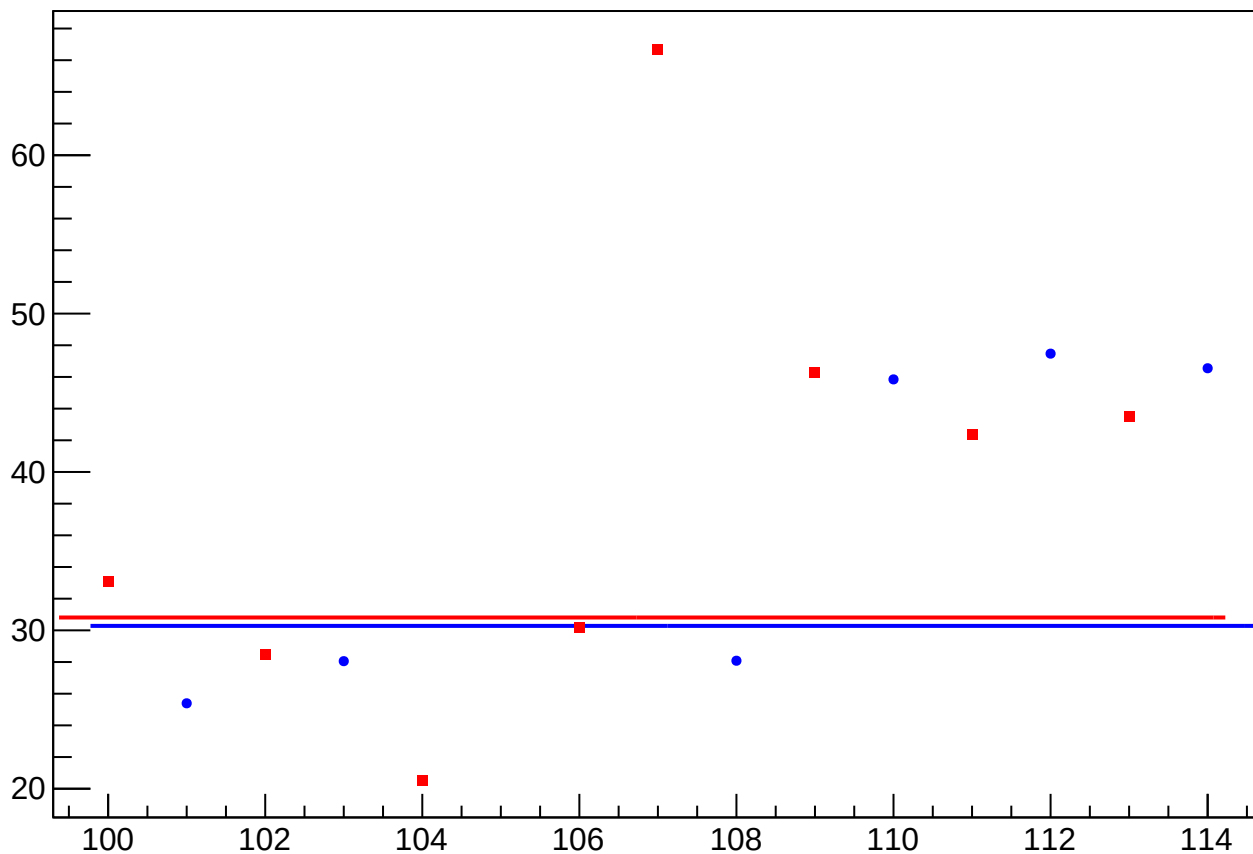
Right: -0.006 $\pm$ 0.014 χ^2 /NDF: 12.3/13

In: 0.024 $\pm$ 0.020 χ^2 /NDF:5.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.014 χ^2 /NDF: 12.3/13

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

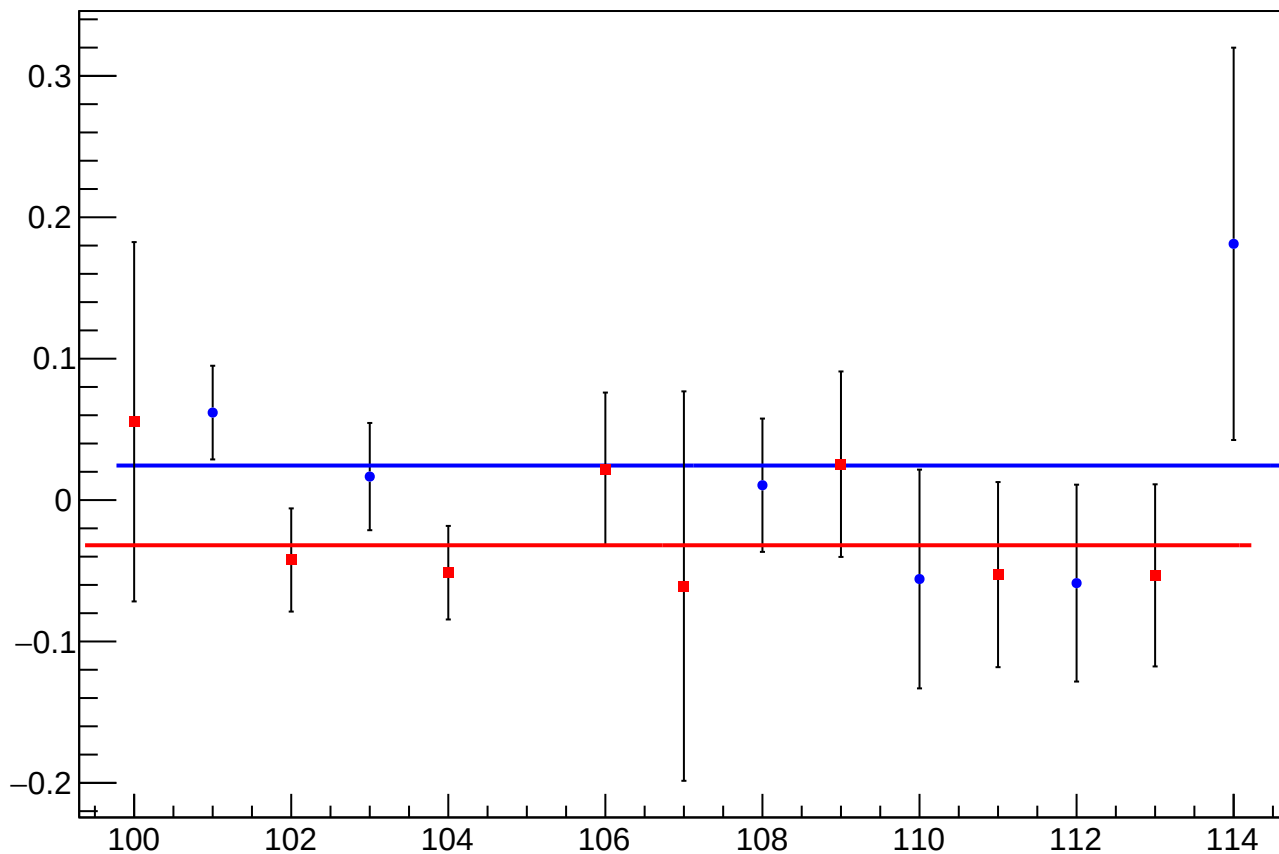
Right: 30.564+/-0.010 χ^2/NDF : 875613.1/13

In: 30.281+/-0.014 χ^2/NDF : 285178.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.564+/-0.010 χ^2/NDF : 875613.1/13

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

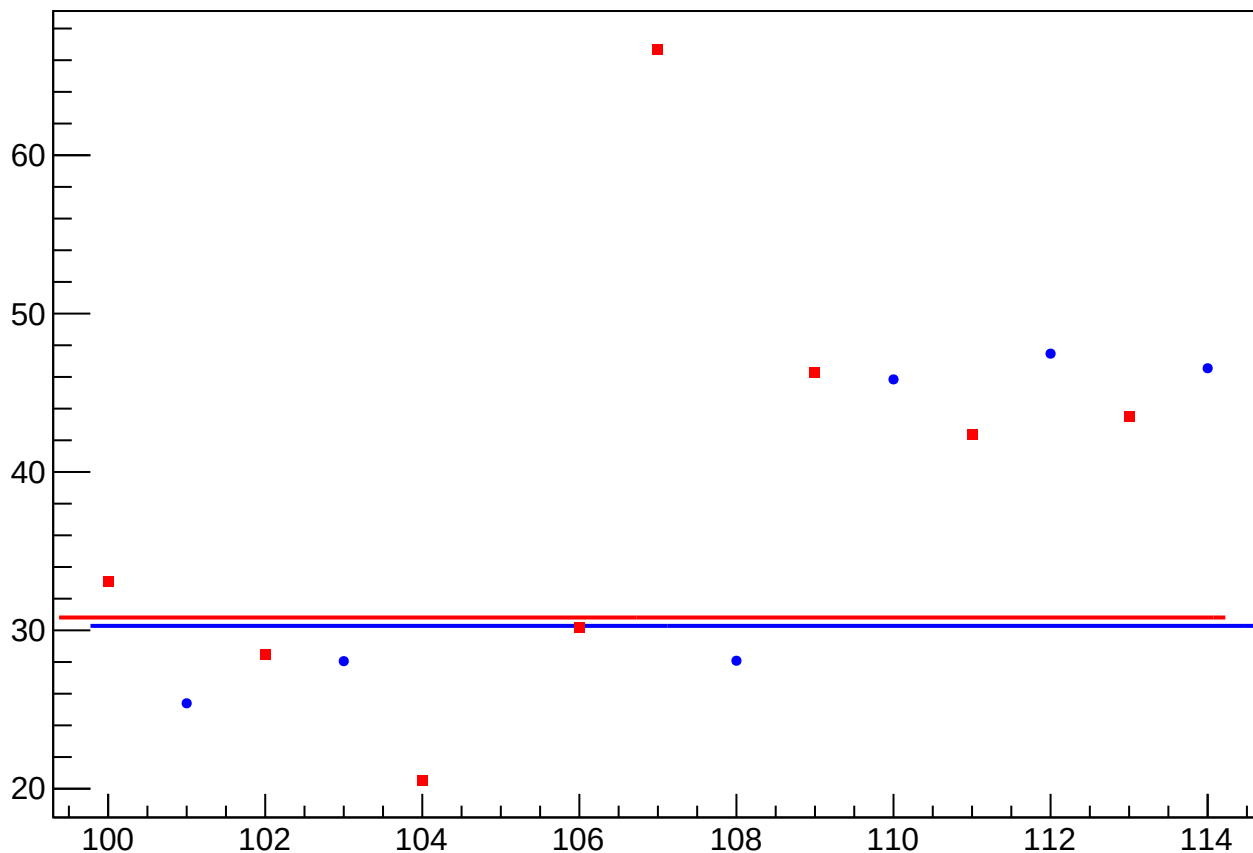
Right: -0.006 $\pm$ 0.014 χ^2 /NDF: 12.3/13

In: 0.024 $\pm$ 0.020 χ^2 /NDF:5.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.014 χ^2 /NDF: 12.3/13

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

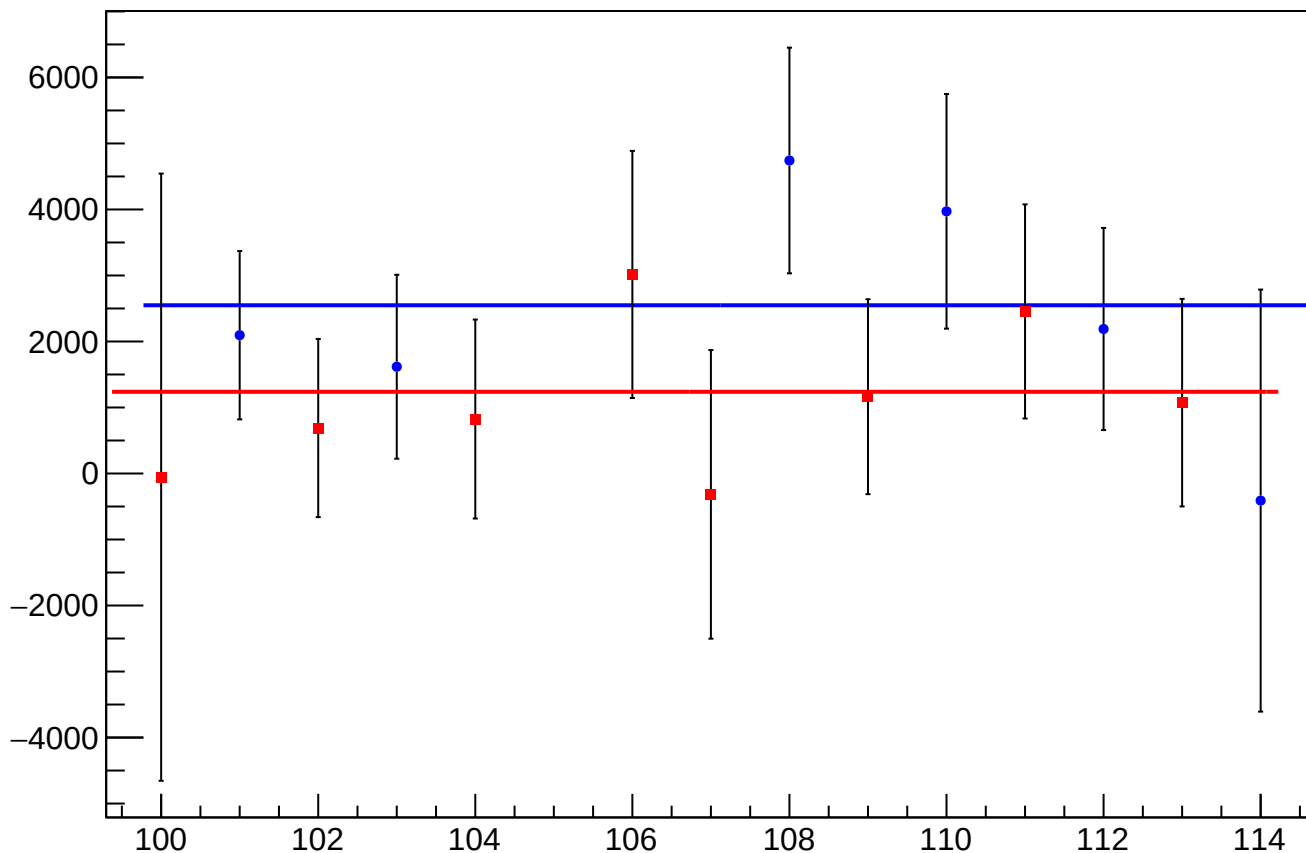
Right: 30.564+/-0.010 χ^2/NDF : 875613.1/13

In: 30.281+/-0.014 χ^2/NDF : 285178.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.564+/-0.010 χ^2/NDF : 875613.1/13

reg_asym_usr_mean vs Slug, Sign Corrected



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

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

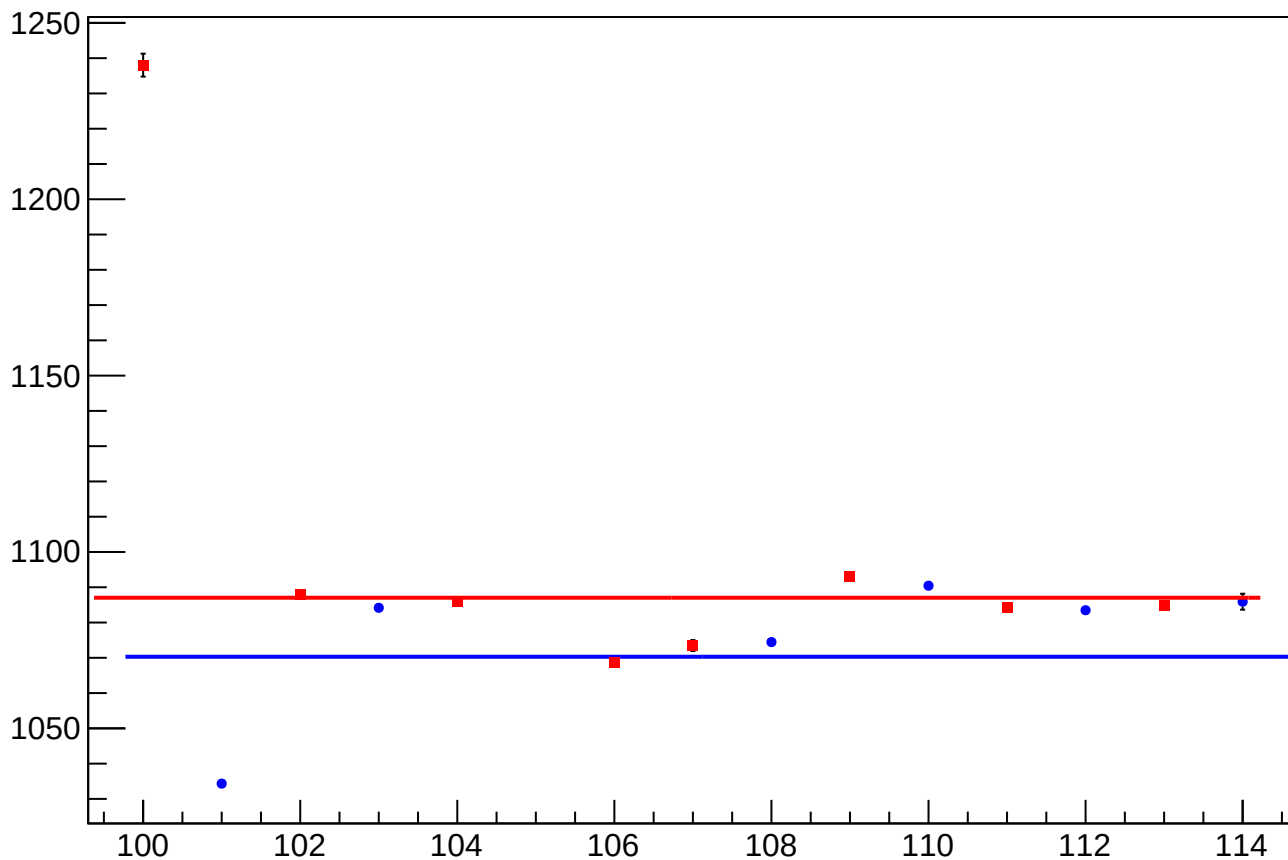
Right: 1833.866 $\pm$ 443.361 χ^2 /NDF: 8.2/13

In: 2548.698 $\pm$ 657.542 χ^2 /NDF:3.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1833.866 $\pm$ 443.361 χ^2 /NDF: 8.2/13

reg_asym_usr_rms vs Slug, Sign Corrected



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

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

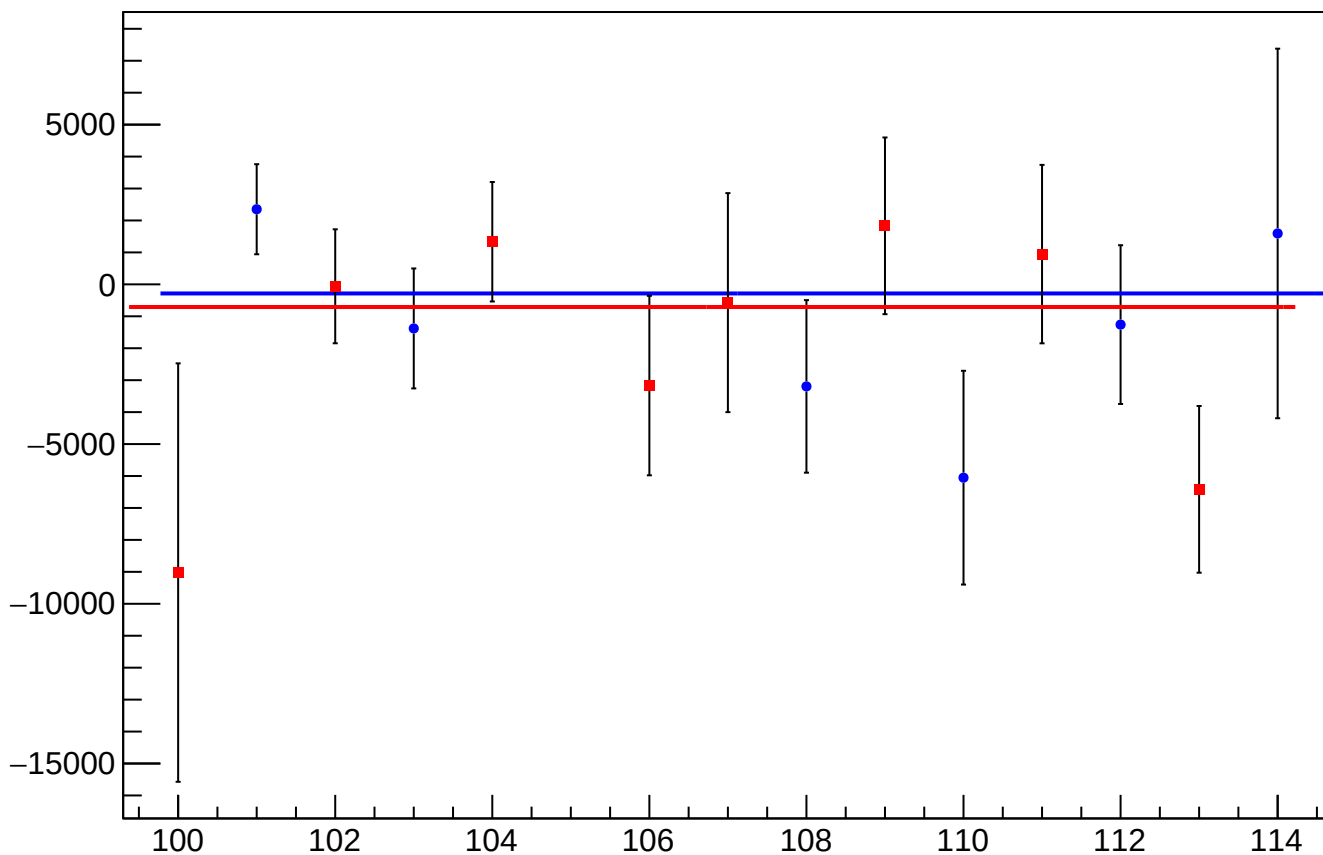
Right: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

In: 1070.298 $\pm$ 0.465 χ^2 /NDF: 2253.5/5

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

All: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

asym_usr_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

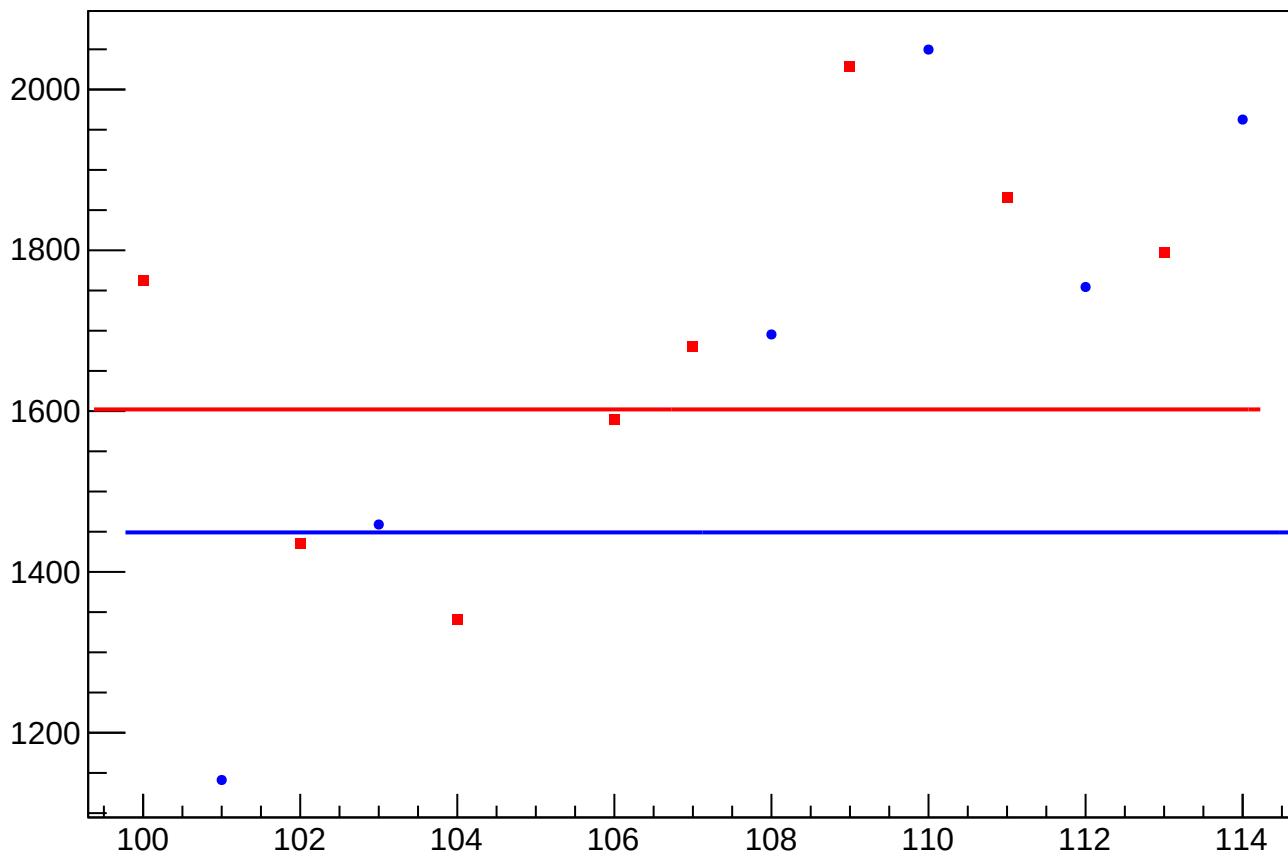
Right: -500.000+/-639.358 χ^2 /NDF: 18.0/13

In: -284.773+/-910.901 χ^2 /NDF:8.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -500.000+/-639.358 χ^2 /NDF: 18.0/13

asym_usr_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

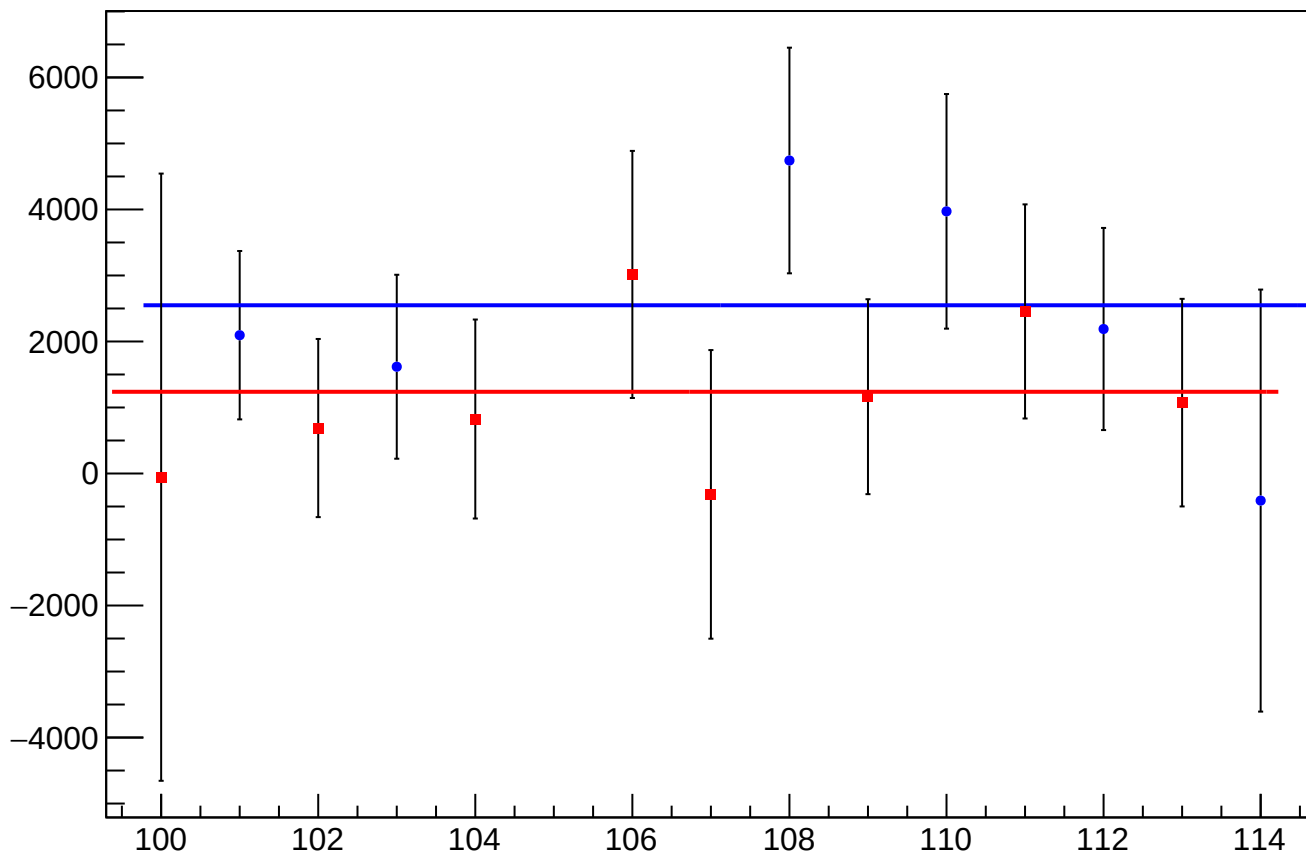
Right: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

In: 1449.133+/-0.644 χ^2/NDF : 222480.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

cor_asym_usr_mean vs Slug, Sign Corrected



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

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

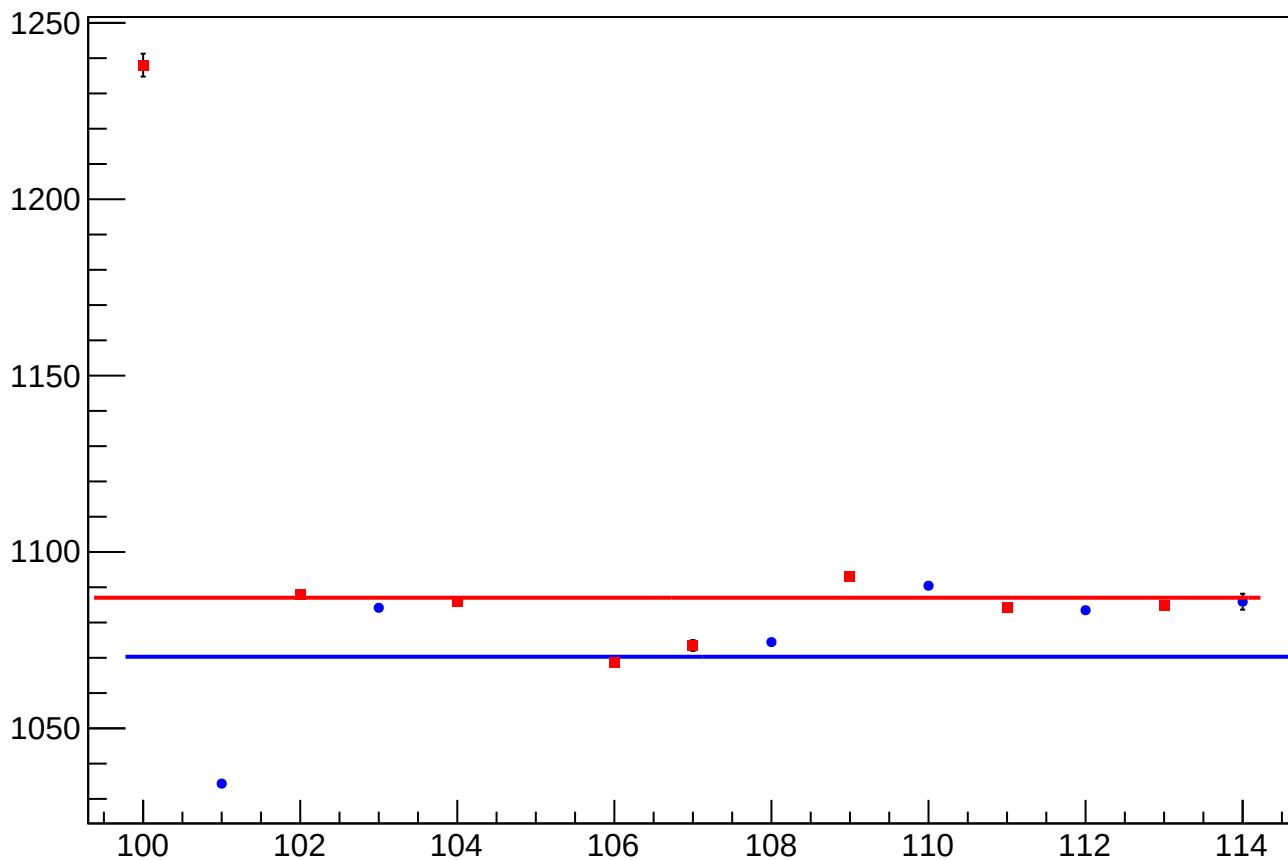
Right: 1833.866 $\pm$ 443.361 χ^2 /NDF: 8.2/13

In: 2548.698 $\pm$ 657.542 χ^2 /NDF: 3.8/5

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

All: 1833.866 $\pm$ 443.361 χ^2 /NDF: 8.2/13

cor_asym_usr_rms vs Slug, Sign Corrected



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

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

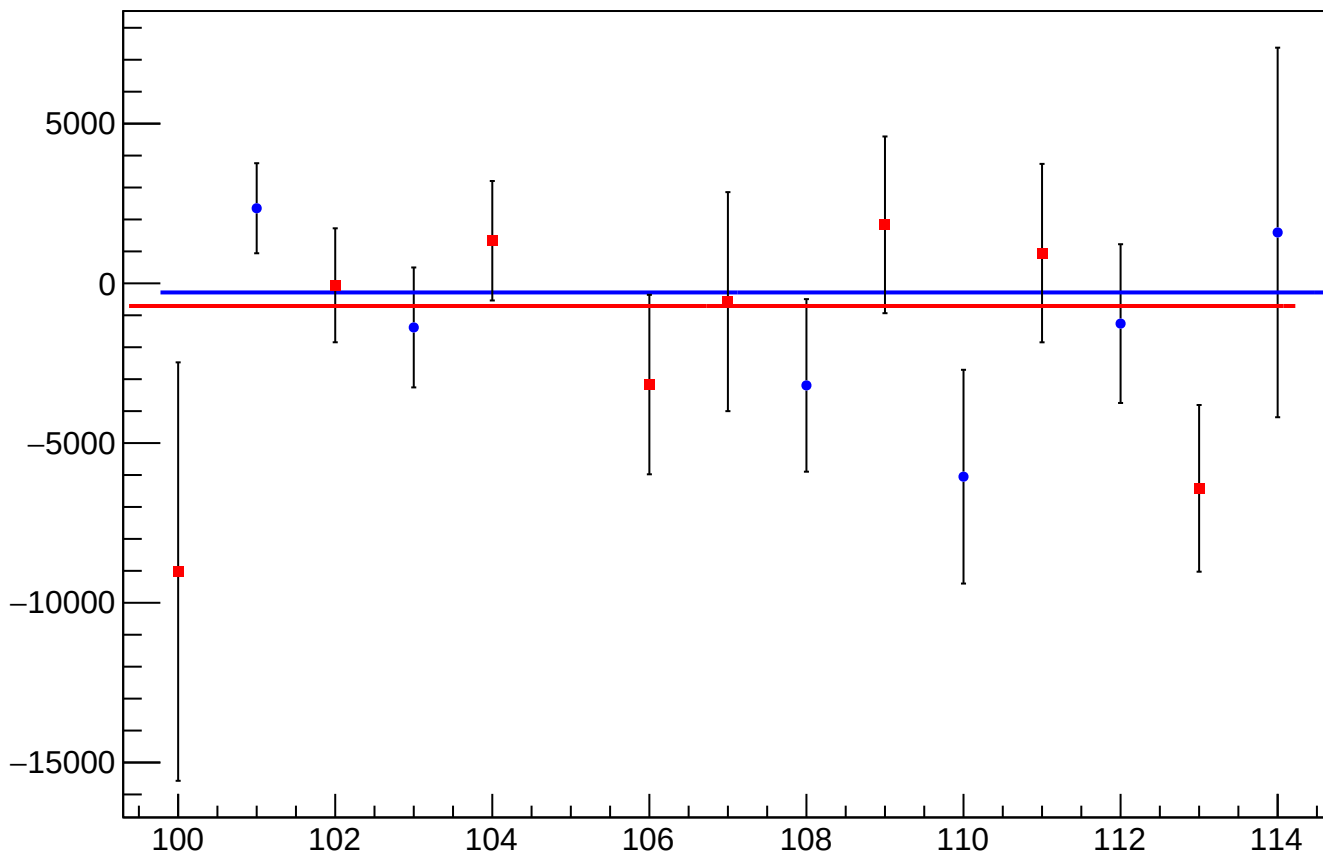
Right: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

In: 1070.298 $\pm$ 0.465 χ^2 /NDF: 2253.5/5

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

All: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

asym_usr_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

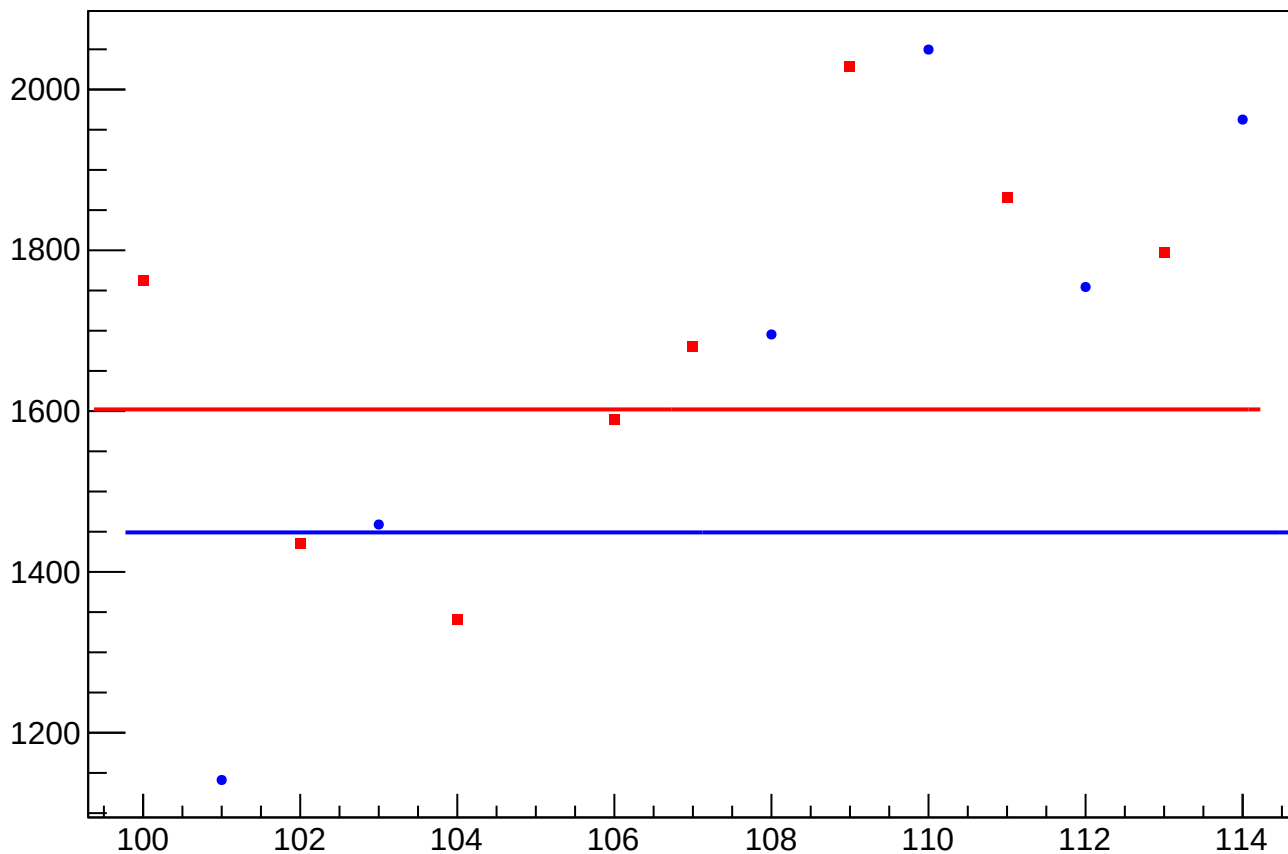
Right: -500.000+/-639.358 χ^2 /NDF: 18.0/13

In: -284.773+/-910.901 χ^2 /NDF:8.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -500.000+/-639.358 χ^2 /NDF: 18.0/13

asym_usr_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

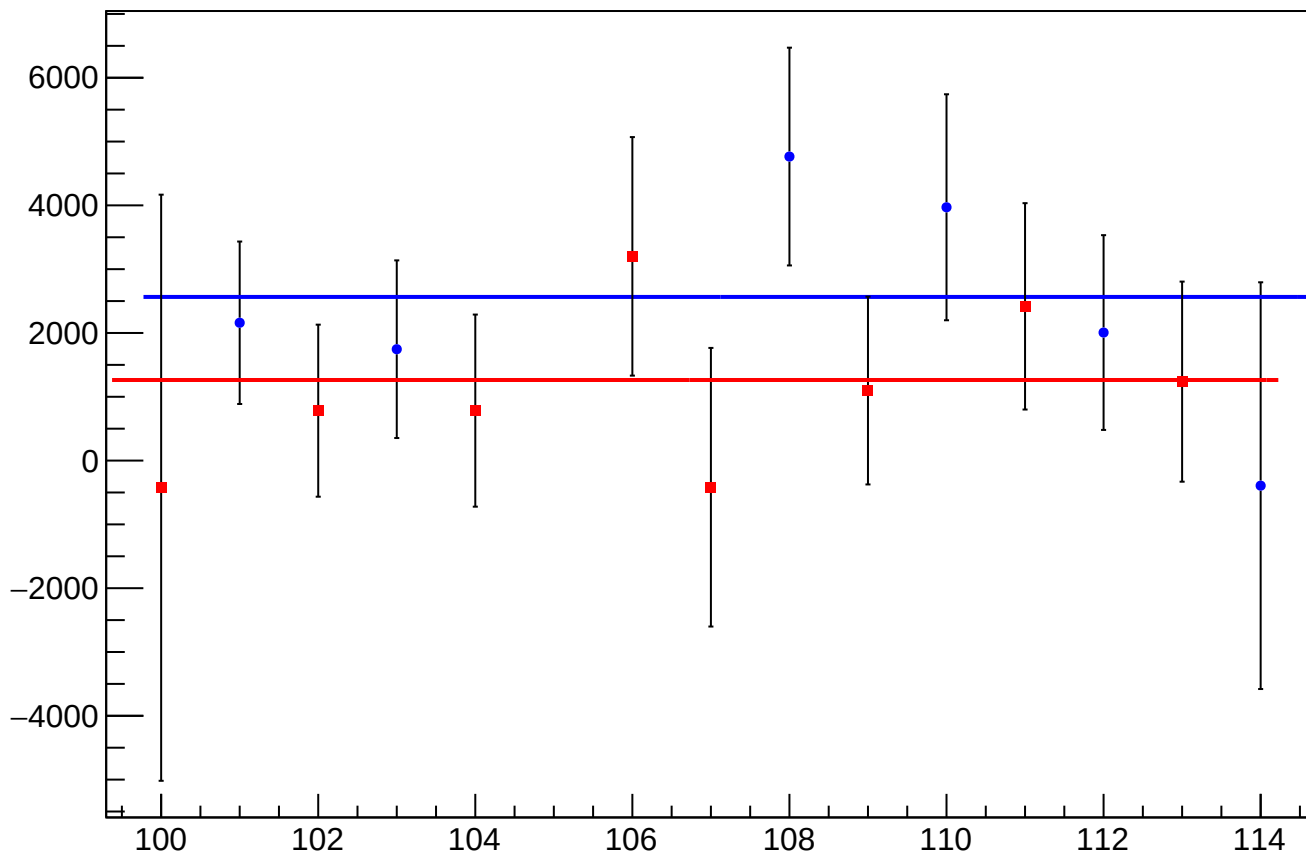
Right: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

In: 1449.133+/-0.644 χ^2/NDF : 222480.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2564.908+/-656.105 χ^2/NDF : 3.7/5

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

Right Out: 1263.035+/-599.156 χ^2/NDF : 2.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

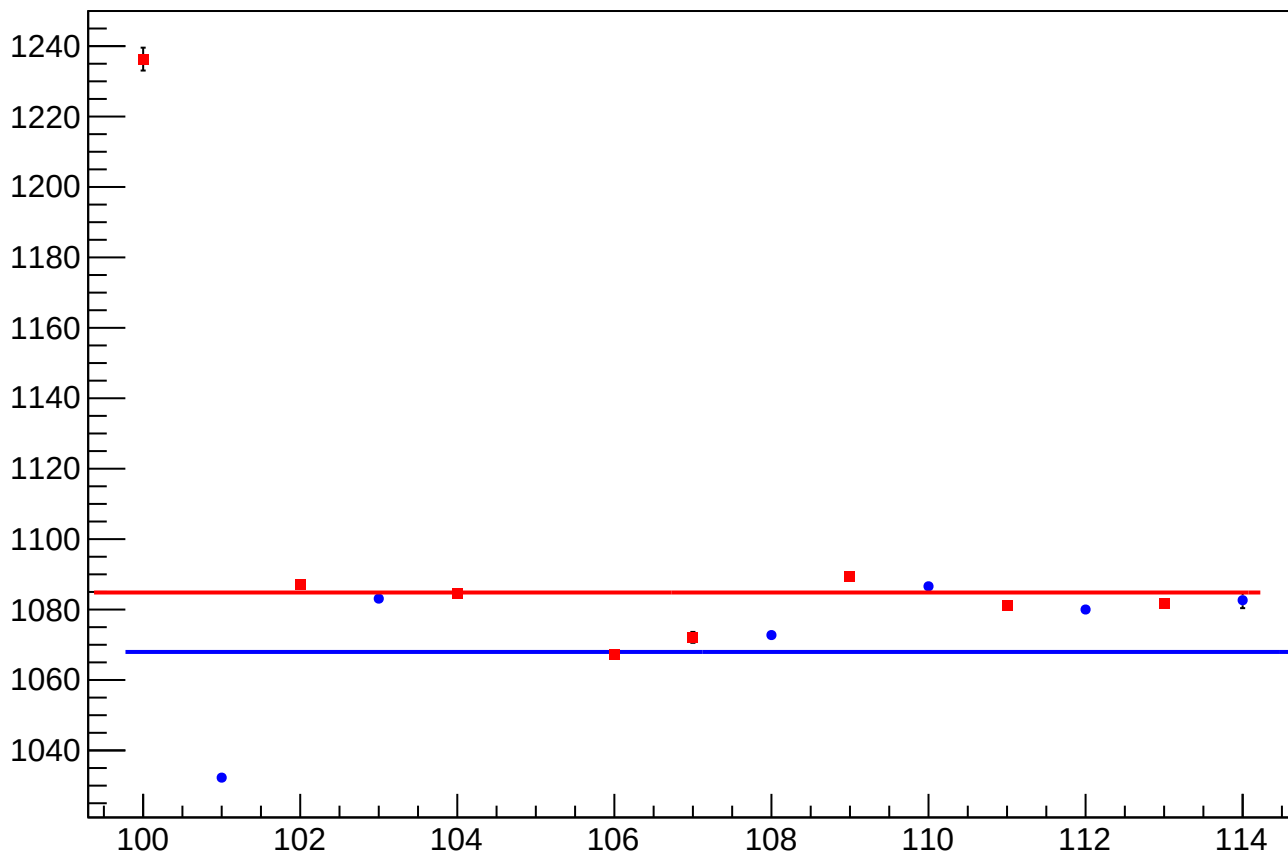
Right: 1855.030+/-442.433 χ^2/NDF : 8.4/13

In: 2564.908+/-656.105 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.030+/-442.433 χ^2/NDF : 8.4/13

overload_cor_asym_usr_rms vs Slug, Sign Corrected



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

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

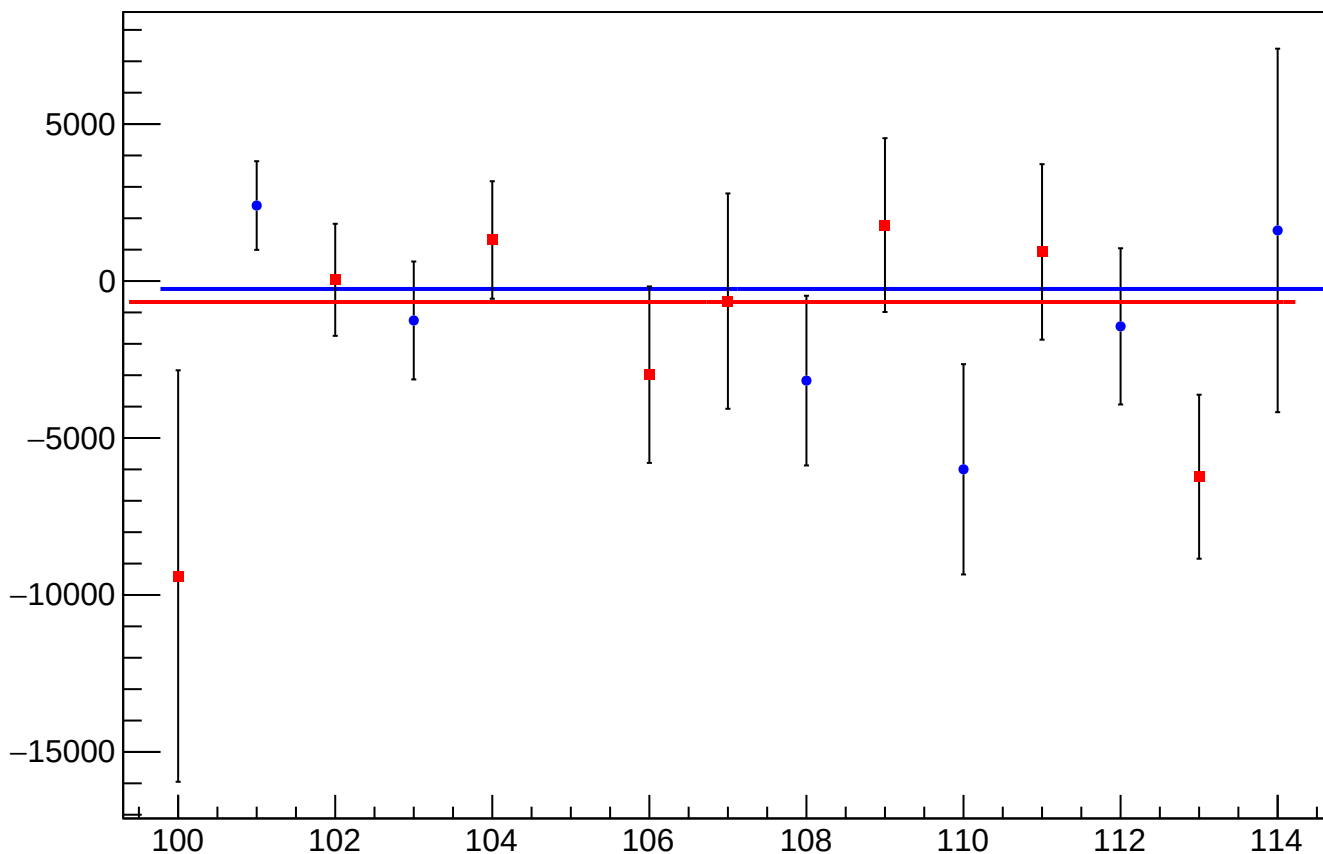
Right: 1077.167 $\pm$ 0.313 χ^2 /NDF: 5399.0/13

In: 1067.964 $\pm$ 0.464 χ^2 /NDF:2213.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1077.167 $\pm$ 0.313 χ^2 /NDF: 5399.0/13

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

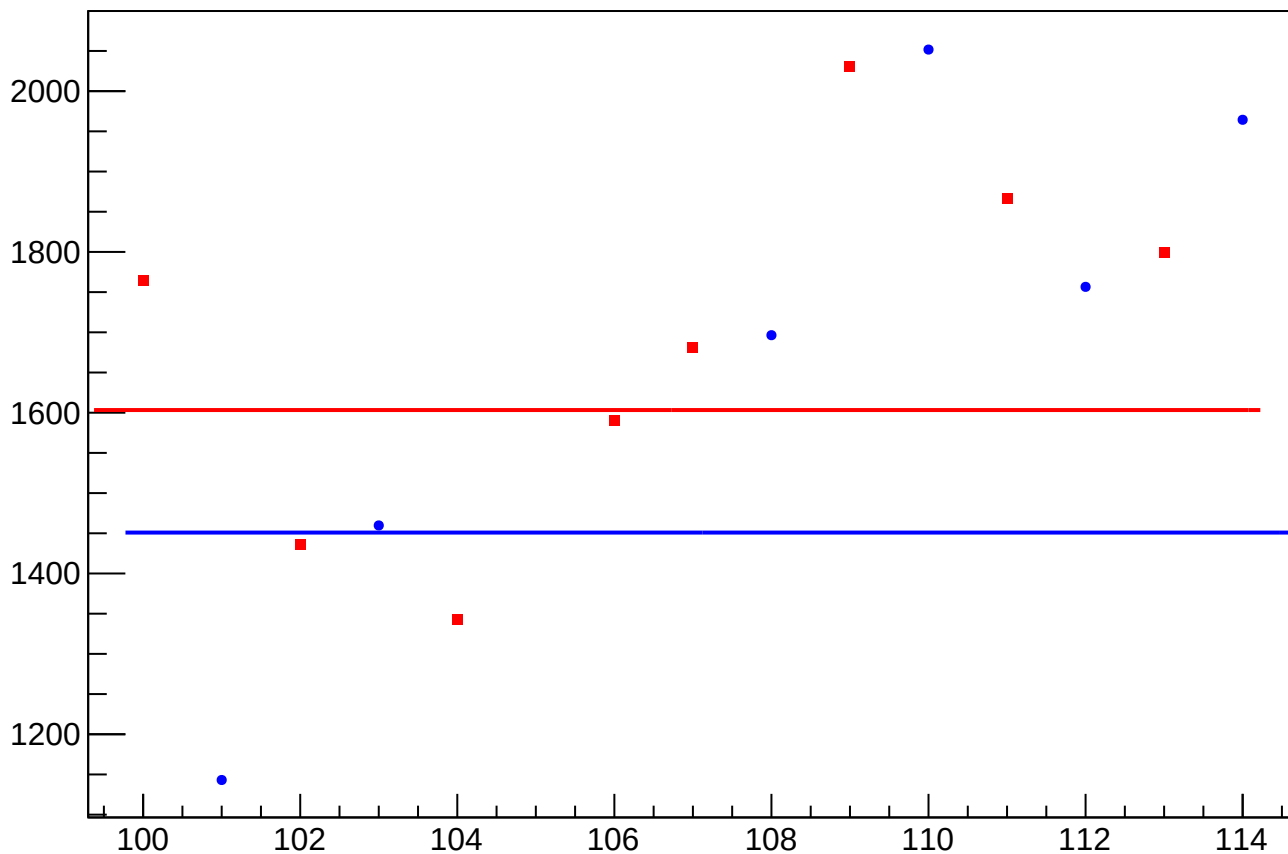
Right: -463.123+/-639.967 χ^2 /NDF: 17.7/13

In: -252.447+/-911.951 χ^2 /NDF:8.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -463.123+/-639.967 χ^2 /NDF: 17.7/13

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

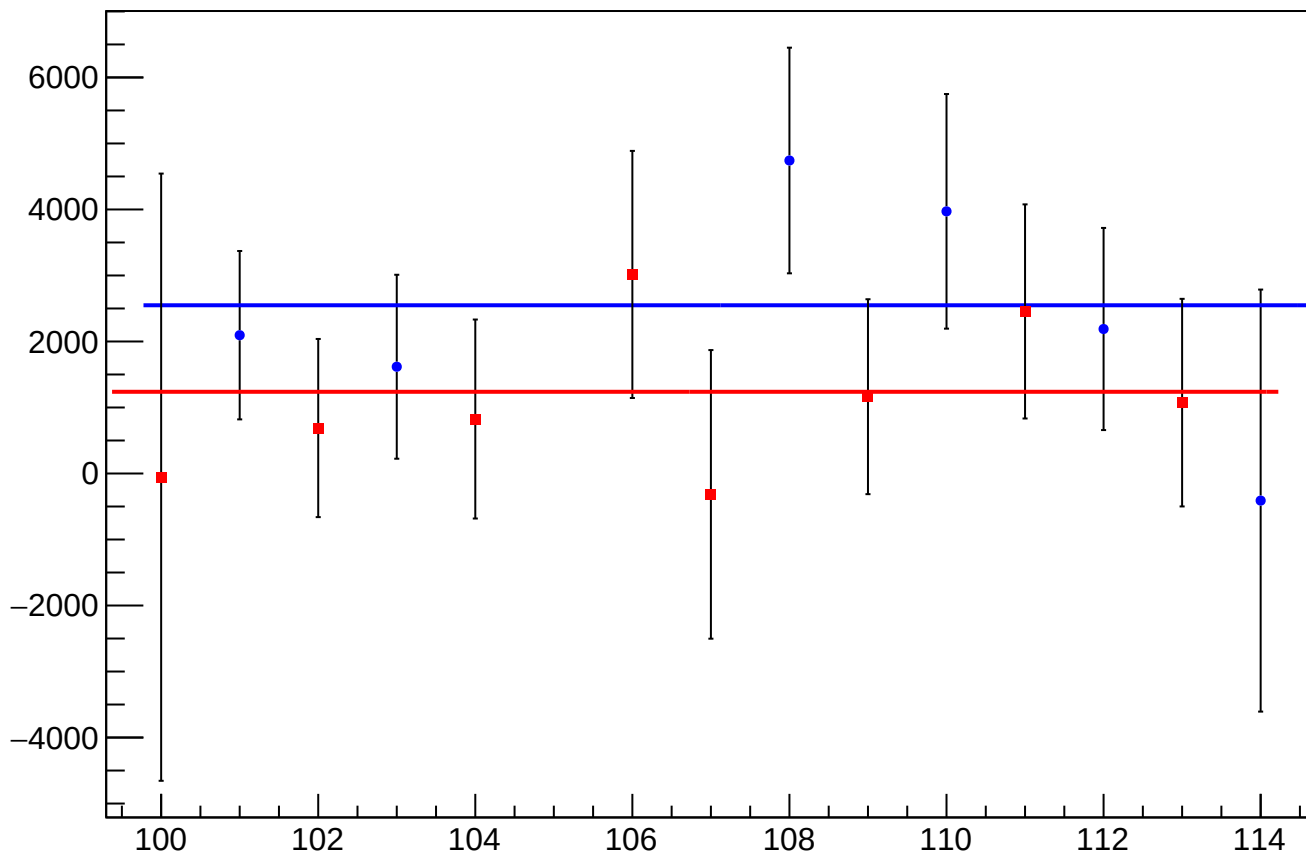
Right: 1528.257+/-0.453 χ^2/NDF : 385444.1/13

In: 1450.899+/-0.645 χ^2/NDF : 221865.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1528.257+/-0.453 χ^2/NDF : 385444.1/13

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



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

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

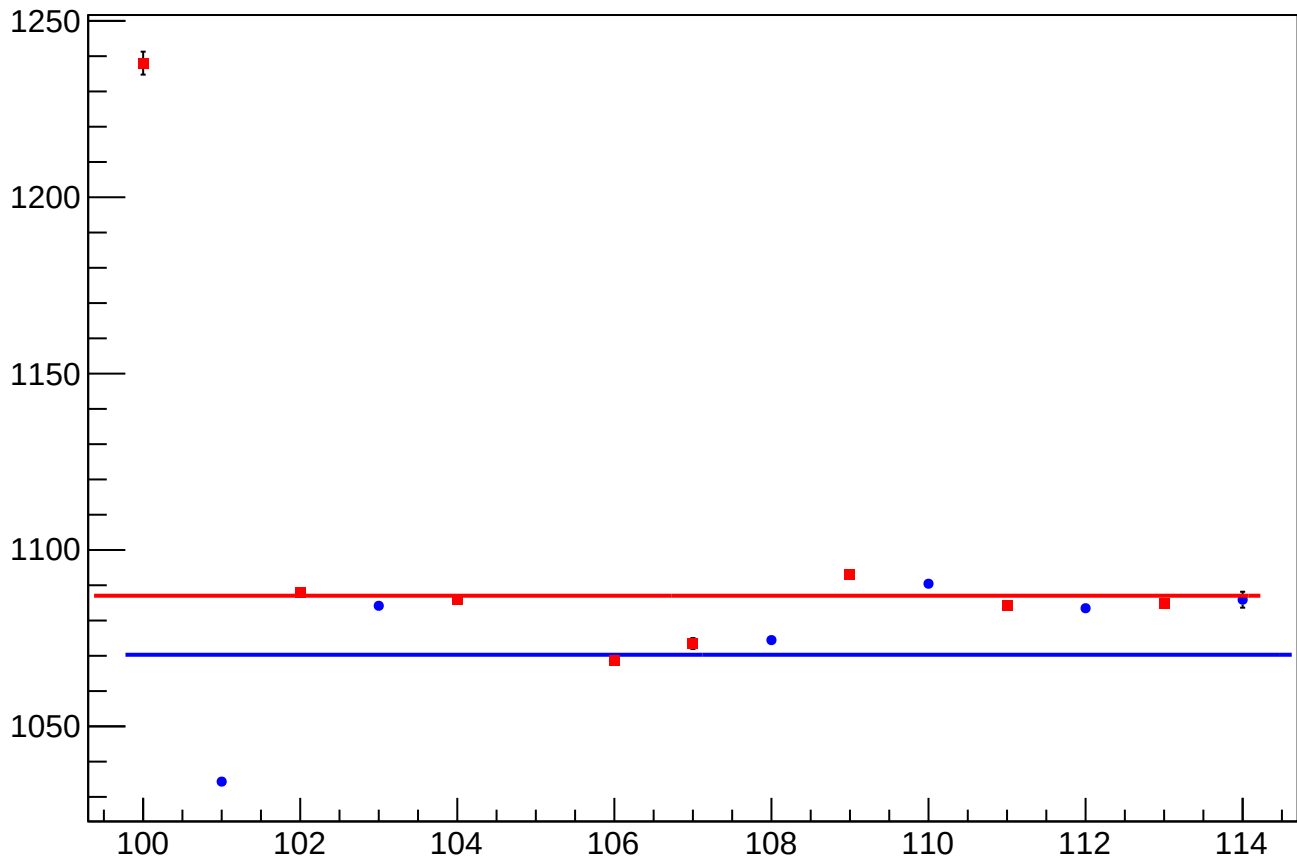
Right: 1833.866 $\pm$ 443.361 χ^2 /NDF: 8.2/13

In: 2548.698 $\pm$ 657.542 χ^2 /NDF:3.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1833.866 $\pm$ 443.361 χ^2 /NDF: 8.2/13

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



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

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

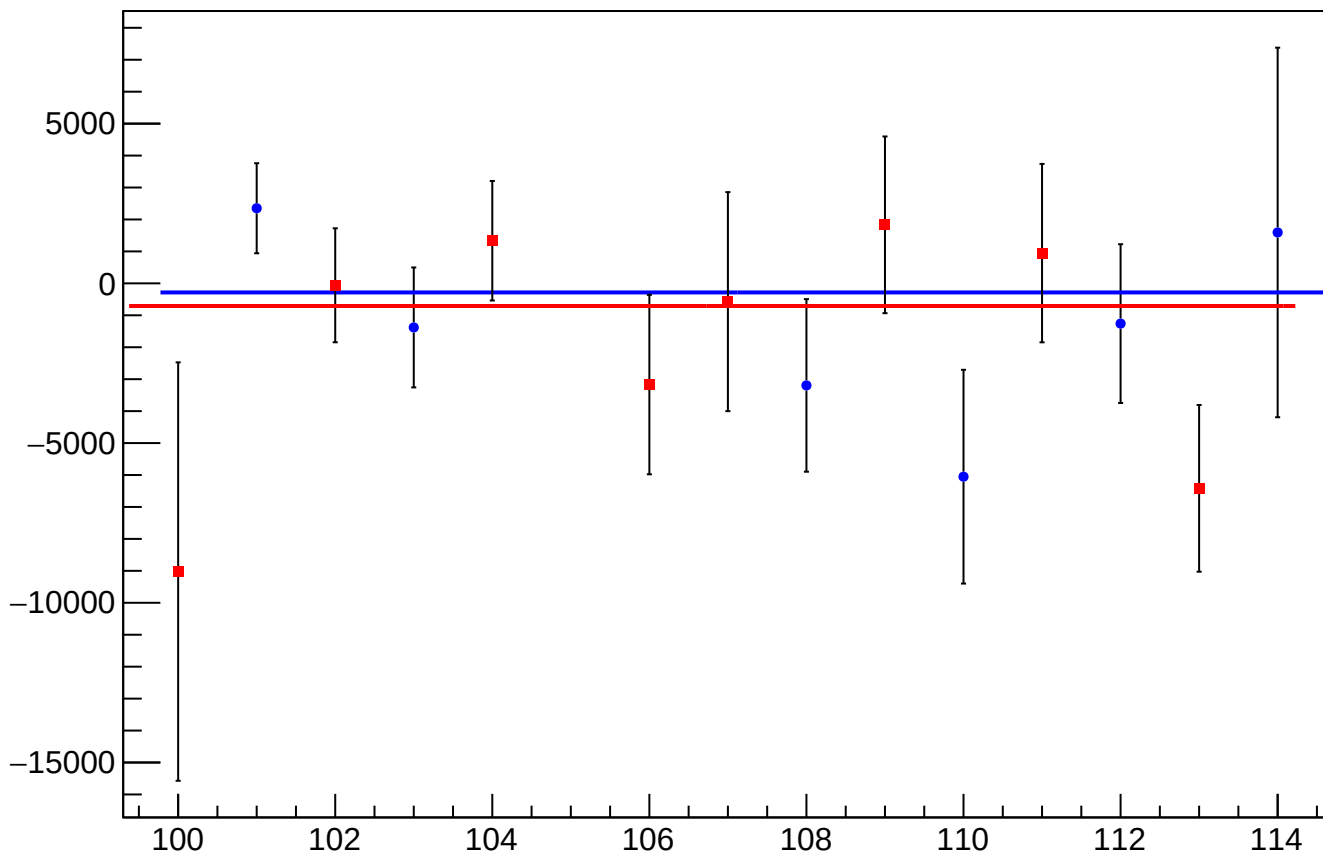
Right: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

In: 1070.298 $\pm$ 0.465 χ^2 /NDF:2253.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1079.425 $\pm$ 0.314 χ^2 /NDF: 5431.6/13

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

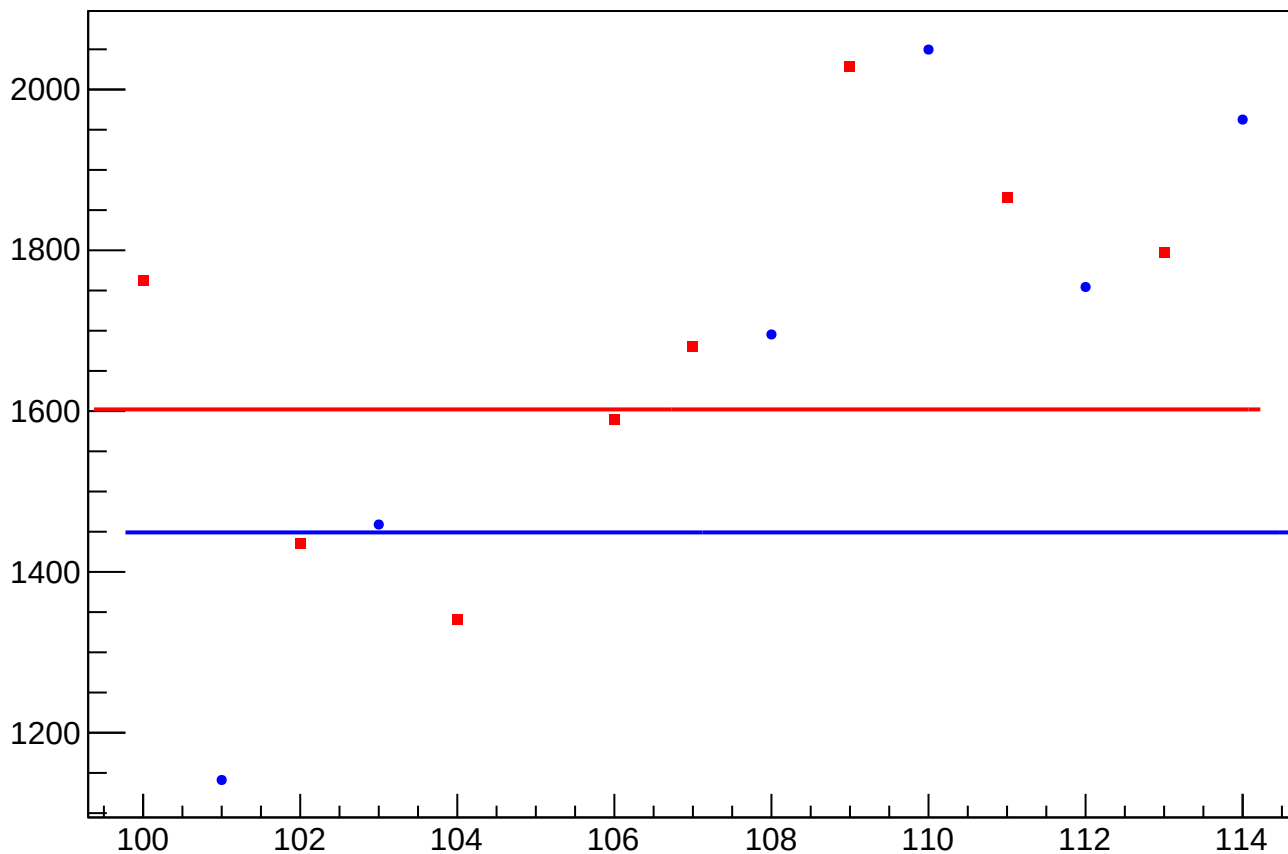
Right: -500.000+/-639.358 χ^2 /NDF: 18.0/13

In: -284.773+/-910.901 χ^2 /NDF:8.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -500.000+/-639.358 χ^2 /NDF: 18.0/13

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

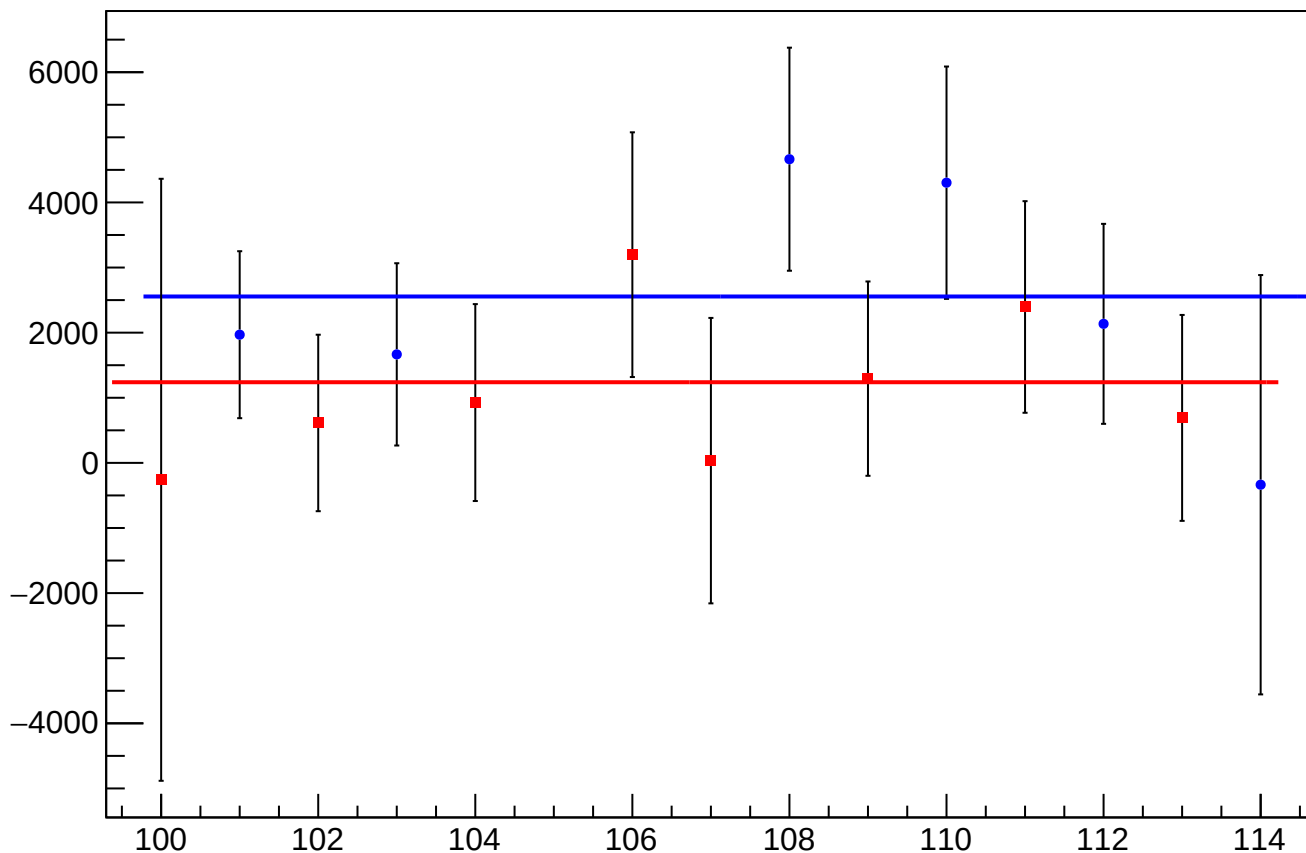
Right: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

In: 1449.133+/-0.644 χ^2/NDF : 222480.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.749+/-0.452 χ^2/NDF : 386122.8/13

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2555.367+/-660.217 χ^2/NDF : 4.0/5

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

Right Out: 1238.656+/-603.277 χ^2/NDF : 2.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

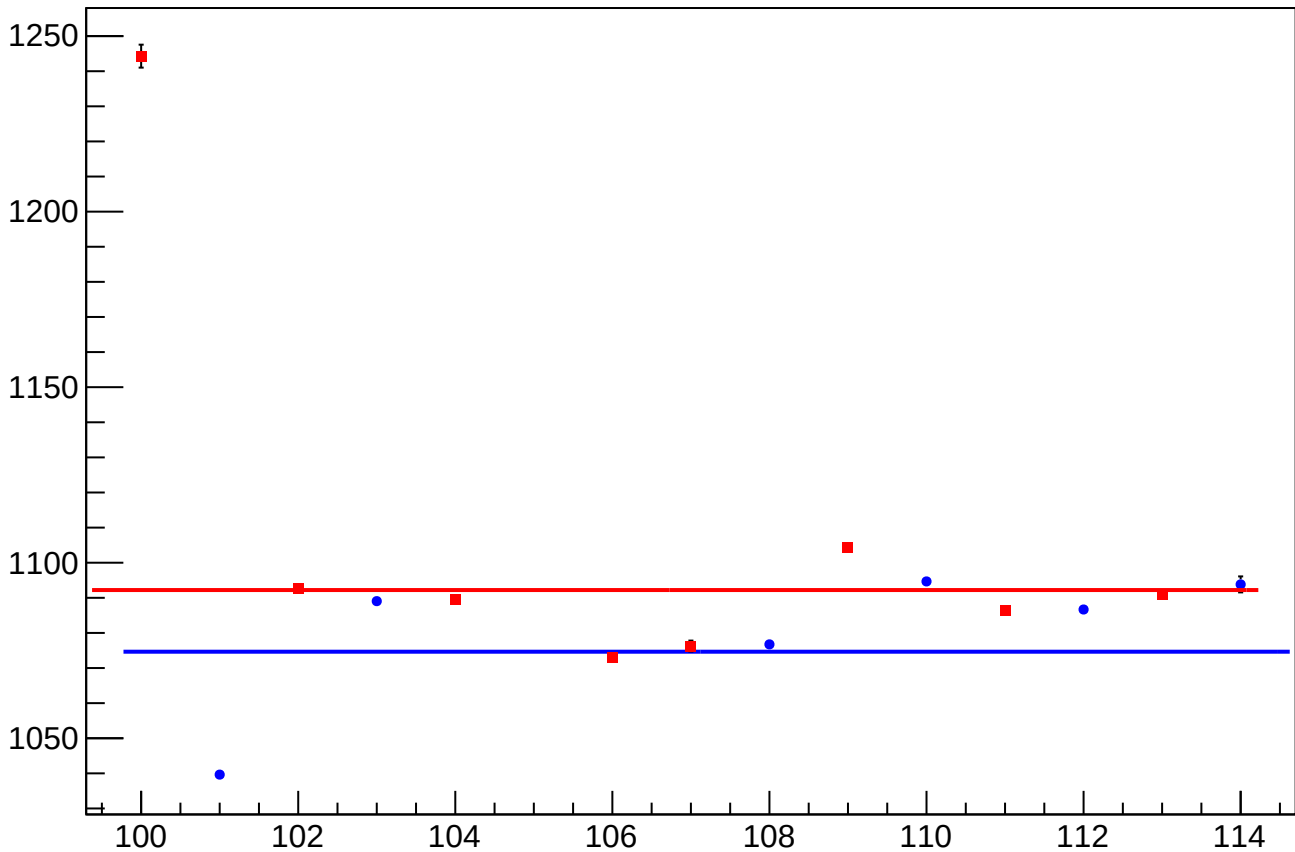
Right: 1837.792+/-445.353 χ^2/NDF : 8.5/13

In: 2555.367+/-660.217 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1837.792+/-445.353 χ^2/NDF : 8.5/13

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1074.652+/-0.467 χ^2/NDF : 2151.3/5

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

Right Out: 1092.214+/-0.427 χ^2/NDF : 2646.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

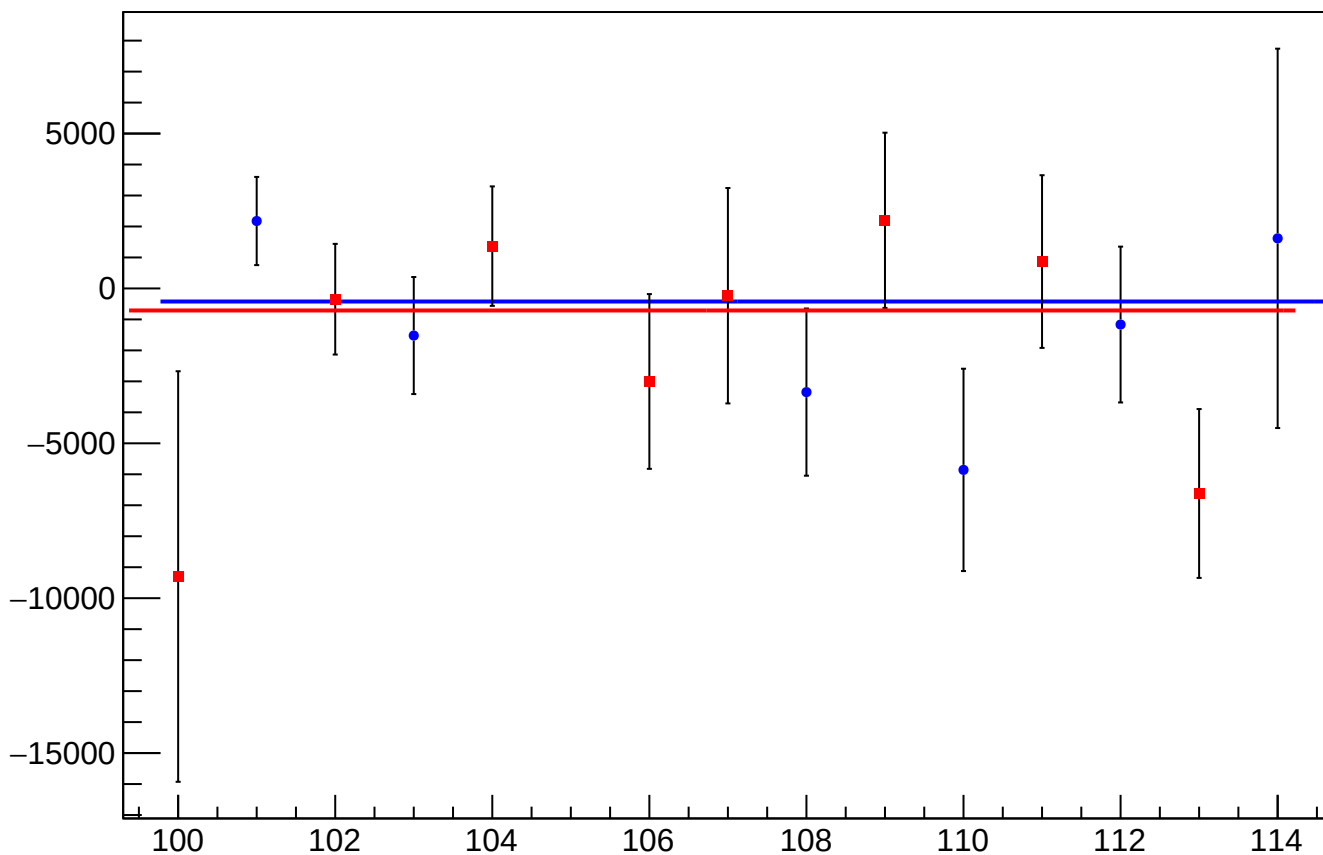
Right: 1084.223+/-0.315 χ^2/NDF : 5568.6/13

In: 1074.652+/-0.467 χ^2/NDF : 2151.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.223+/-0.315 χ^2/NDF : 5568.6/13

asym_usr_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

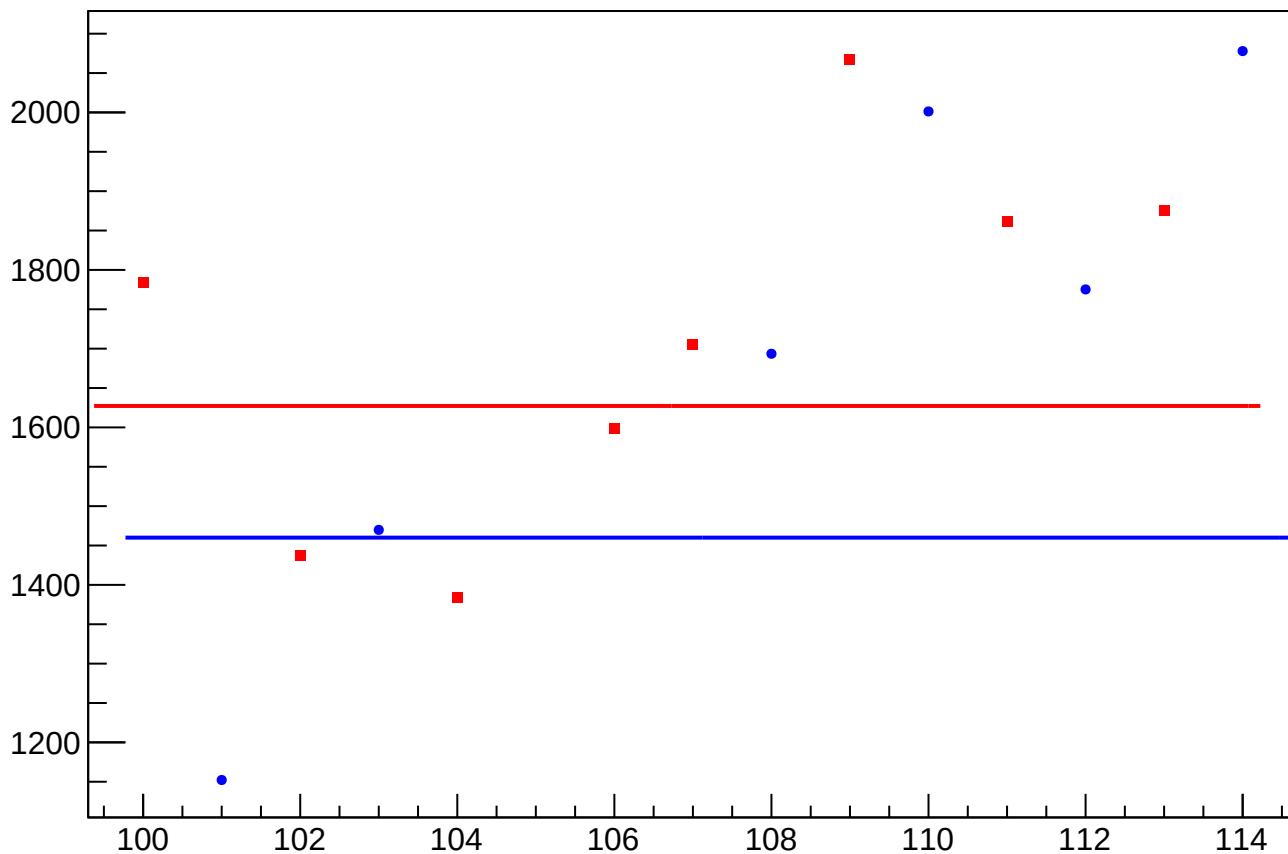
Right: -567.409+/-646.718 χ^2/NDF : 17.5/13

In: -422.044+/-917.007 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.409+/-646.718 χ^2/NDF : 17.5/13

asym_usr_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

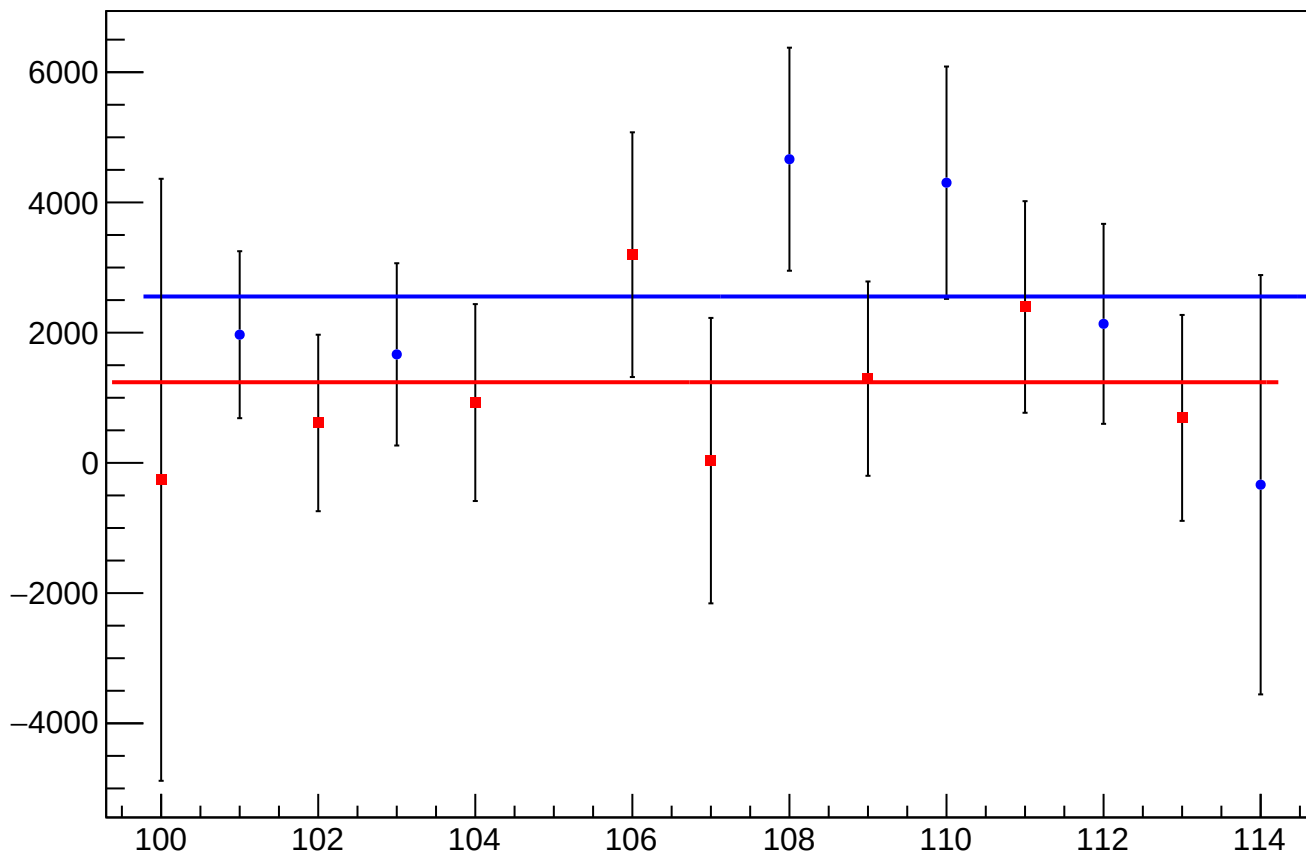
Right: 1544.057+/-0.457 χ^2/NDF : 384563.2/13

In: 1459.995+/-0.648 χ^2/NDF : 215206.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.057+/-0.457 χ^2/NDF : 384563.2/13

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2555.369+/-660.217 χ^2/NDF : 4.0/5

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

Right Out: 1238.658+/-603.277 χ^2/NDF : 2.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

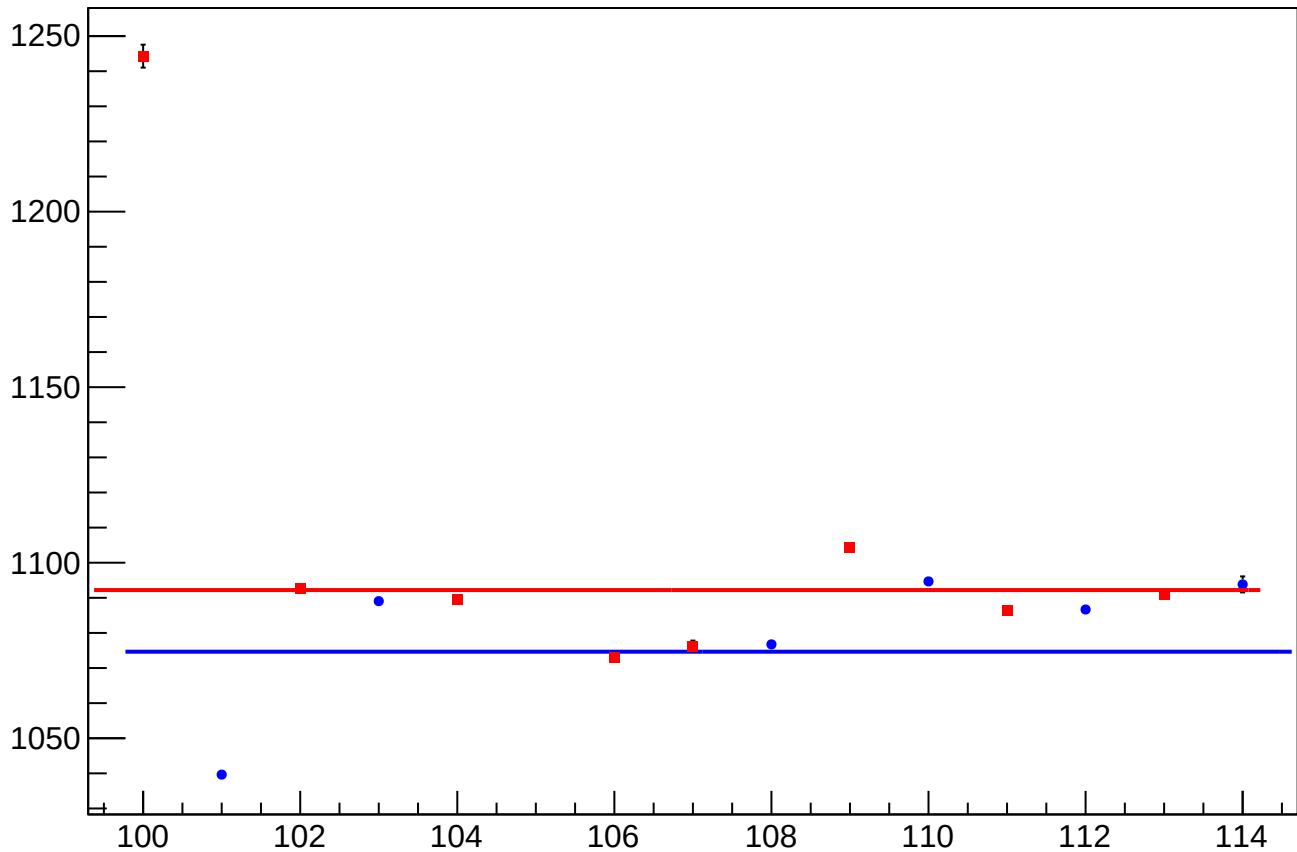
Right: 1837.795+/-445.353 χ^2/NDF : 8.5/13

In: 2555.369+/-660.217 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1837.795+/-445.353 χ^2/NDF : 8.5/13

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



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

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

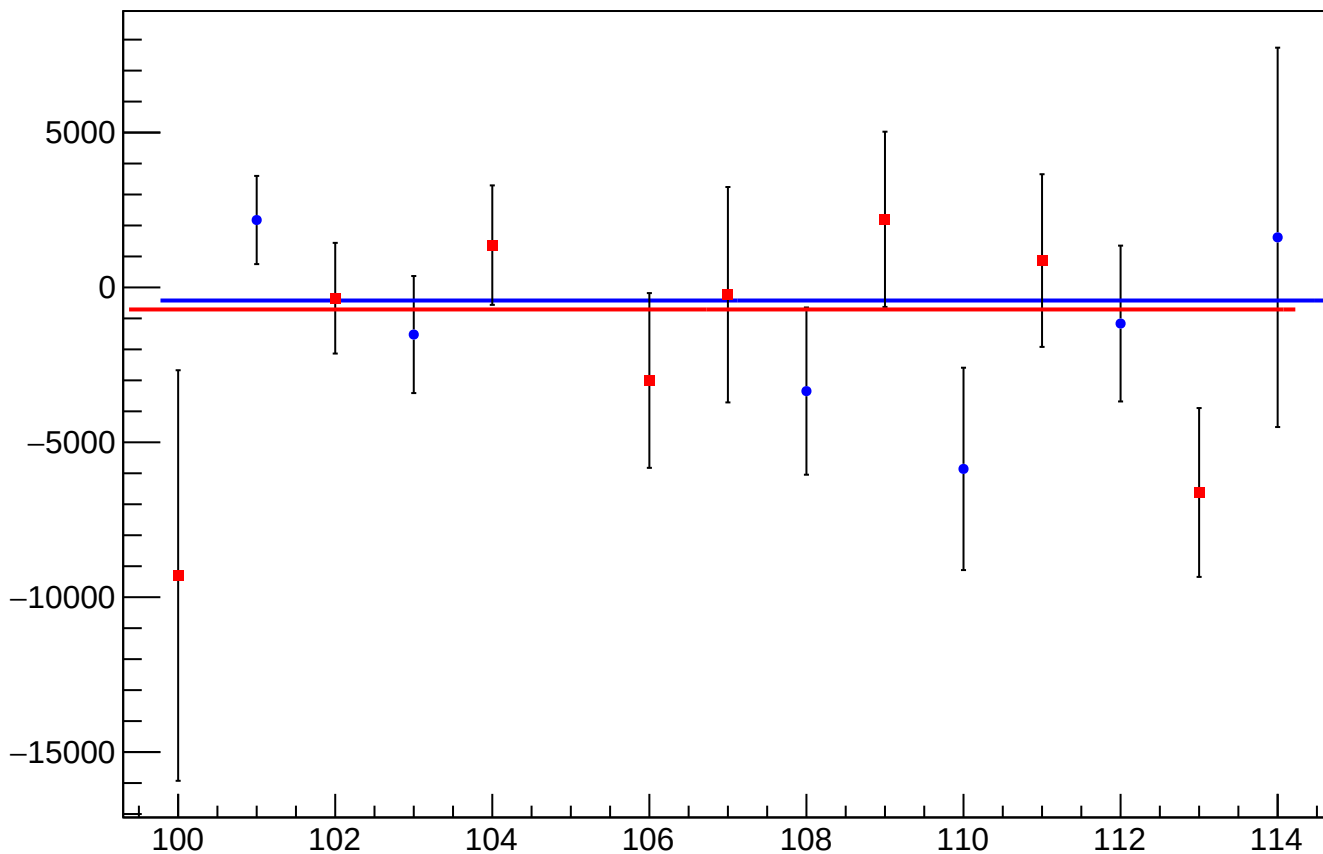
Right: 1084.223 $\pm$ 0.315 χ^2 /NDF: 5568.6/13

In: 1074.652 $\pm$ 0.467 χ^2 /NDF:2151.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1084.223 $\pm$ 0.315 χ^2 /NDF: 5568.6/13

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -422.046+/-917.006 χ^2/NDF : 7.8/5

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

Right Out: -711.262+/-912.208 χ^2/NDF : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

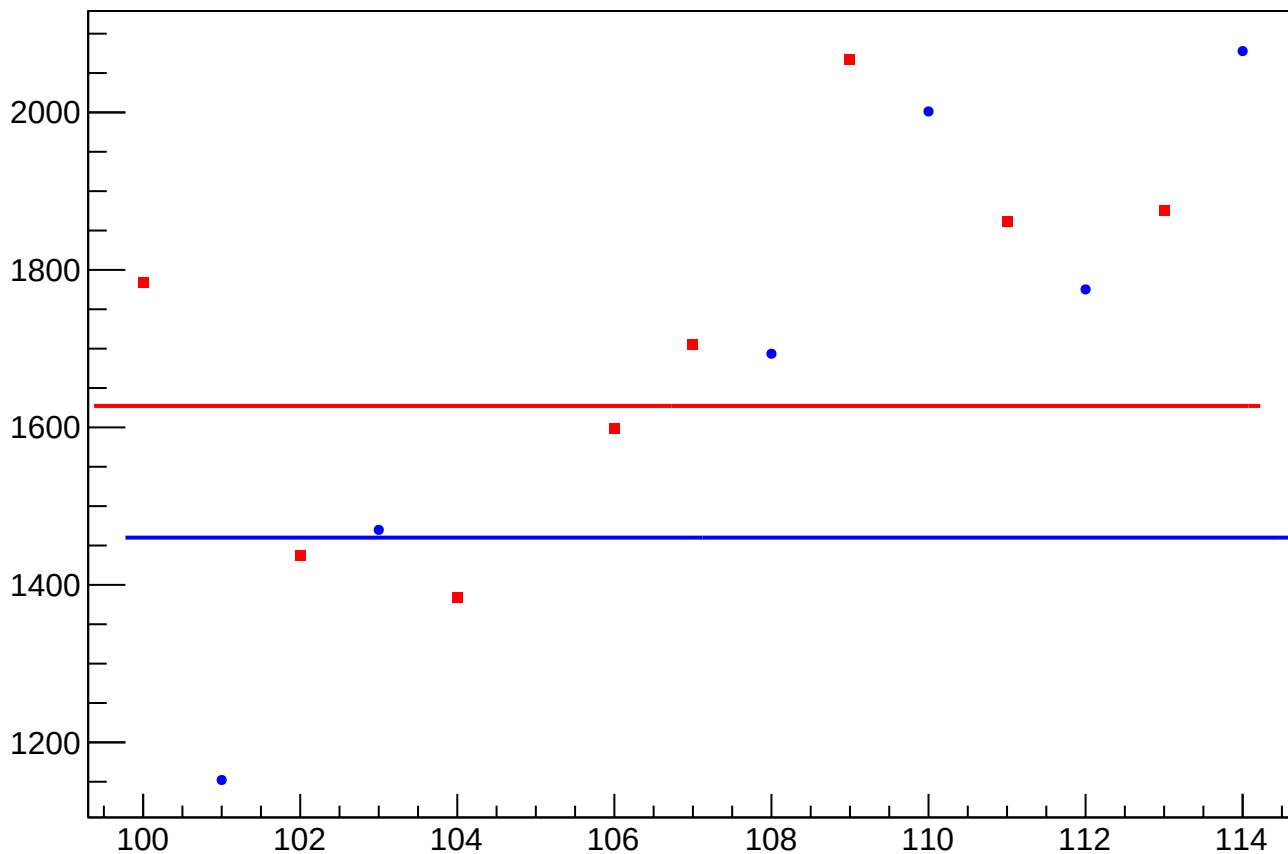
Right: -567.413+/-646.718 χ^2/NDF : 17.5/13

In: -422.046+/-917.006 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.413+/-646.718 χ^2/NDF : 17.5/13

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1459.994+/-0.648 χ^2/NDF : 215202.7/5

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

Right Out: 1627.242+/-0.645 χ^2/NDF : 135914.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

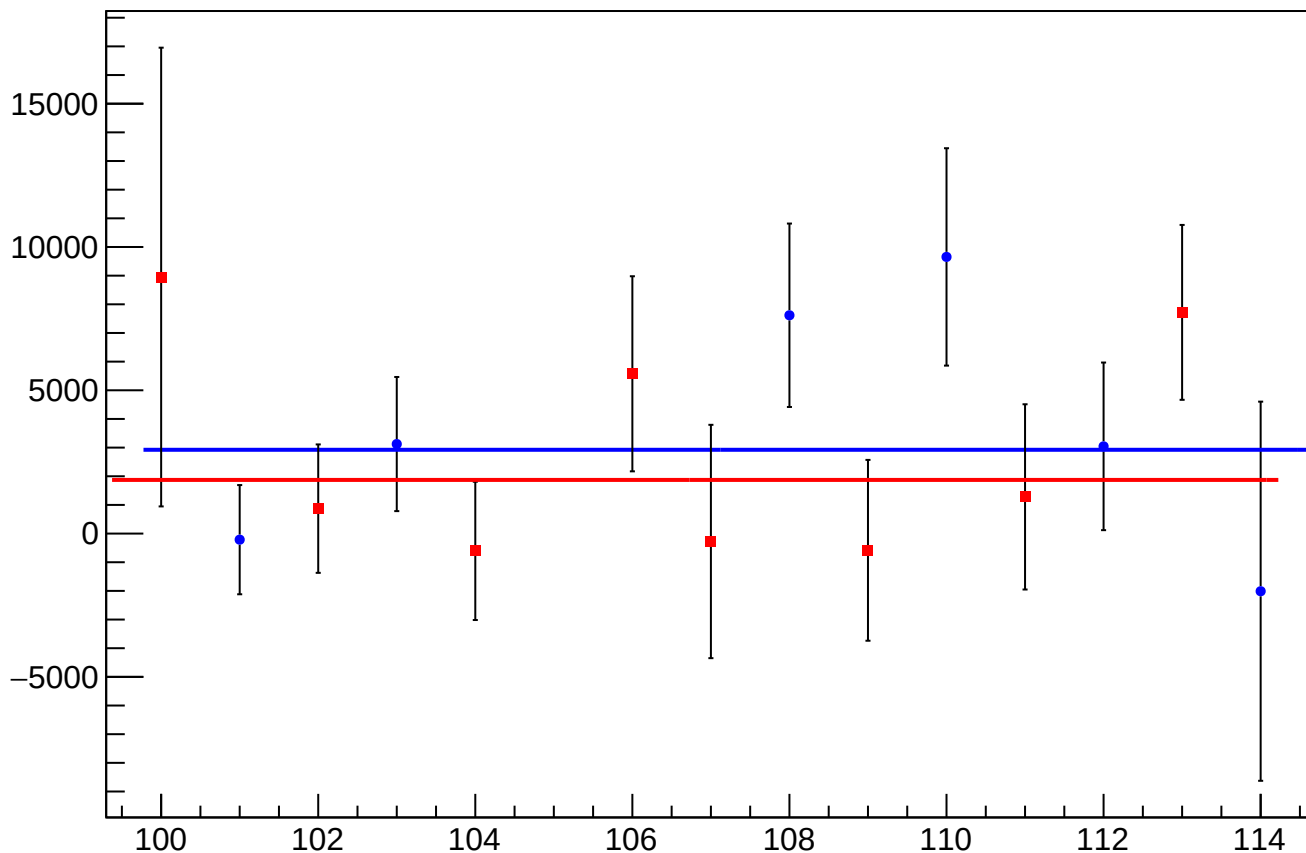
Right: 1544.056+/-0.457 χ^2/NDF : 384555.5/13

In: 1459.994+/-0.648 χ^2/NDF : 215202.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.056+/-0.457 χ^2/NDF : 384555.5/13

asym_usr_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

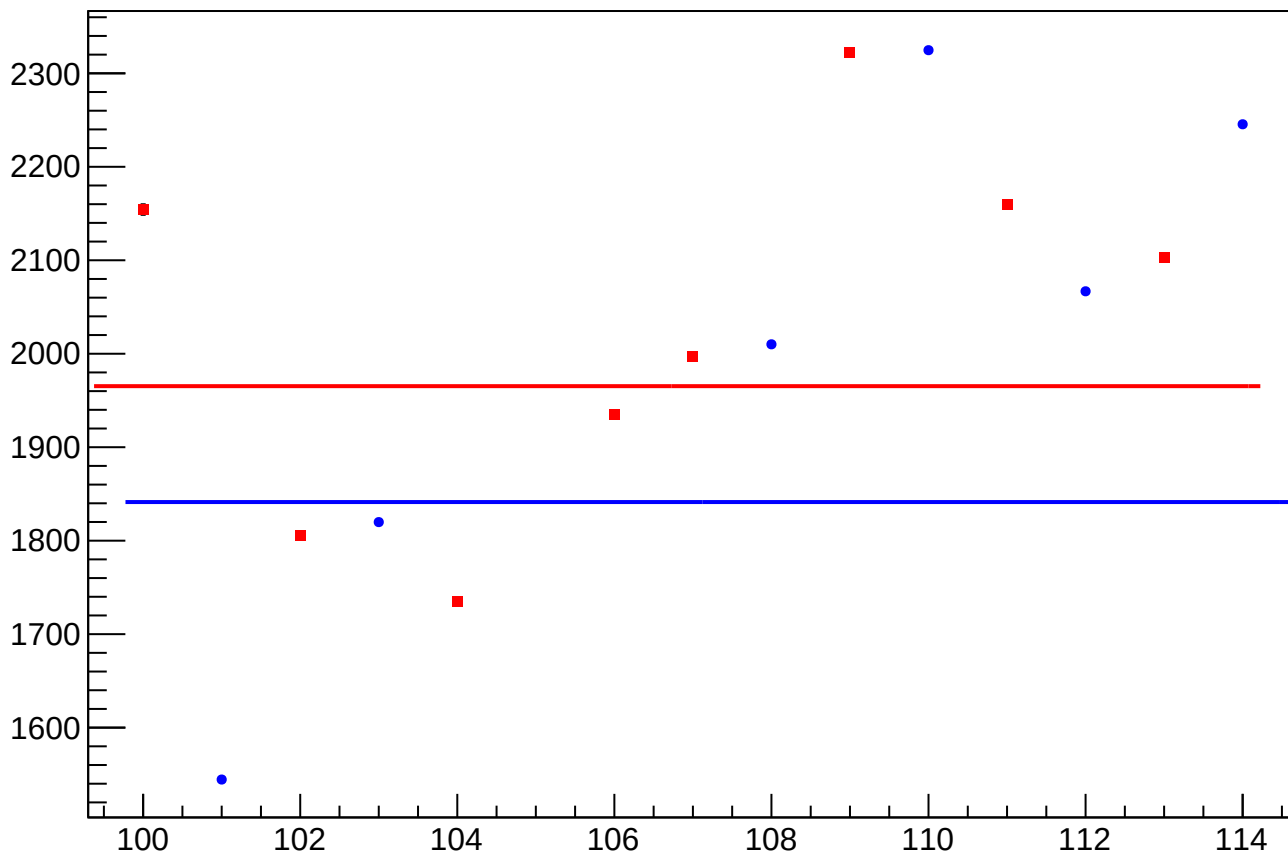
Right: 2374.471+/-790.100 χ^2/NDF : 16.8/13

In: 2923.871+/-1143.325 χ^2/NDF : 8.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2374.471+/-790.100 χ^2/NDF : 16.8/13

asym_usr_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

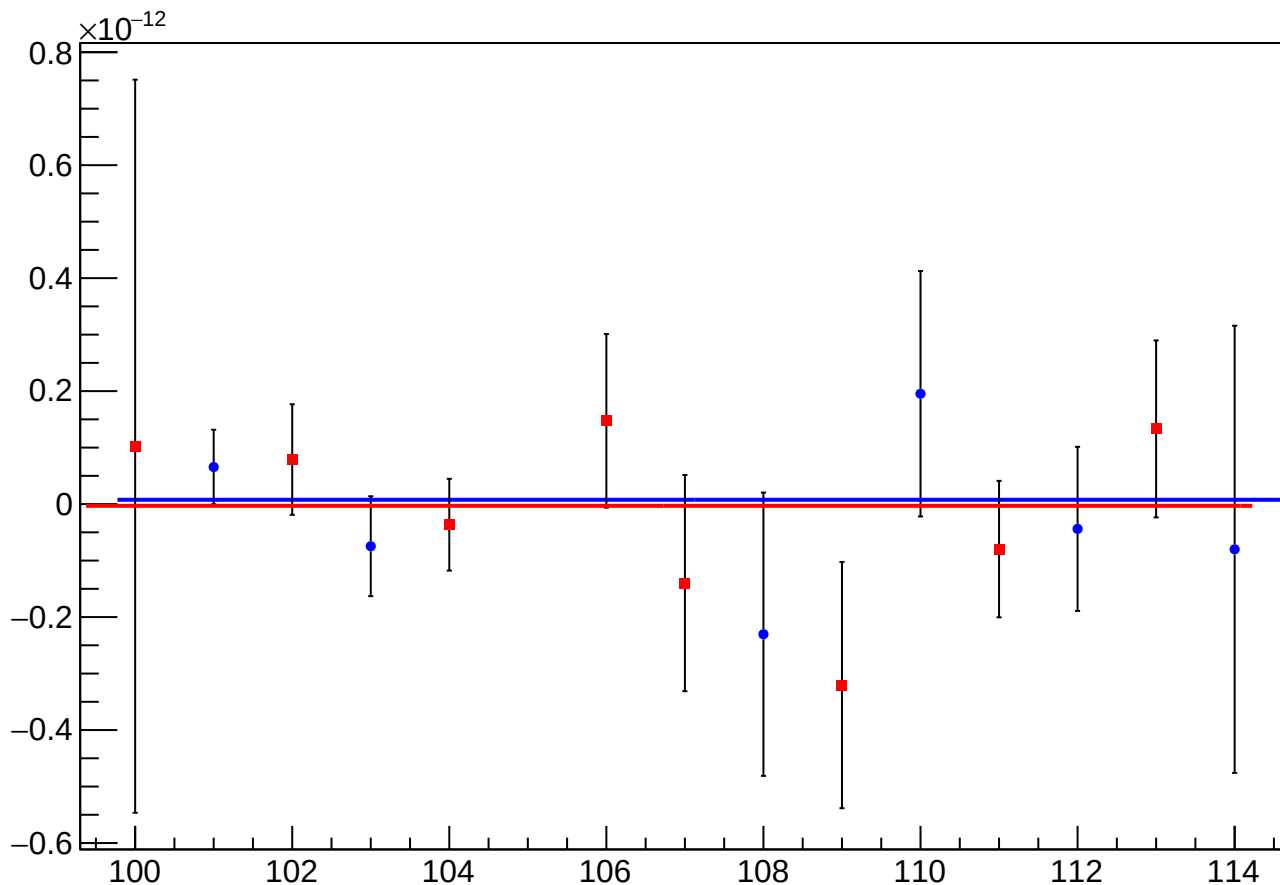
Right: 1906.106+/-0.559 χ^2/NDF : 185063.7/13

In: 1841.329+/-0.808 χ^2/NDF : 106137.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.106+/-0.559 χ^2/NDF : 185063.7/13

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

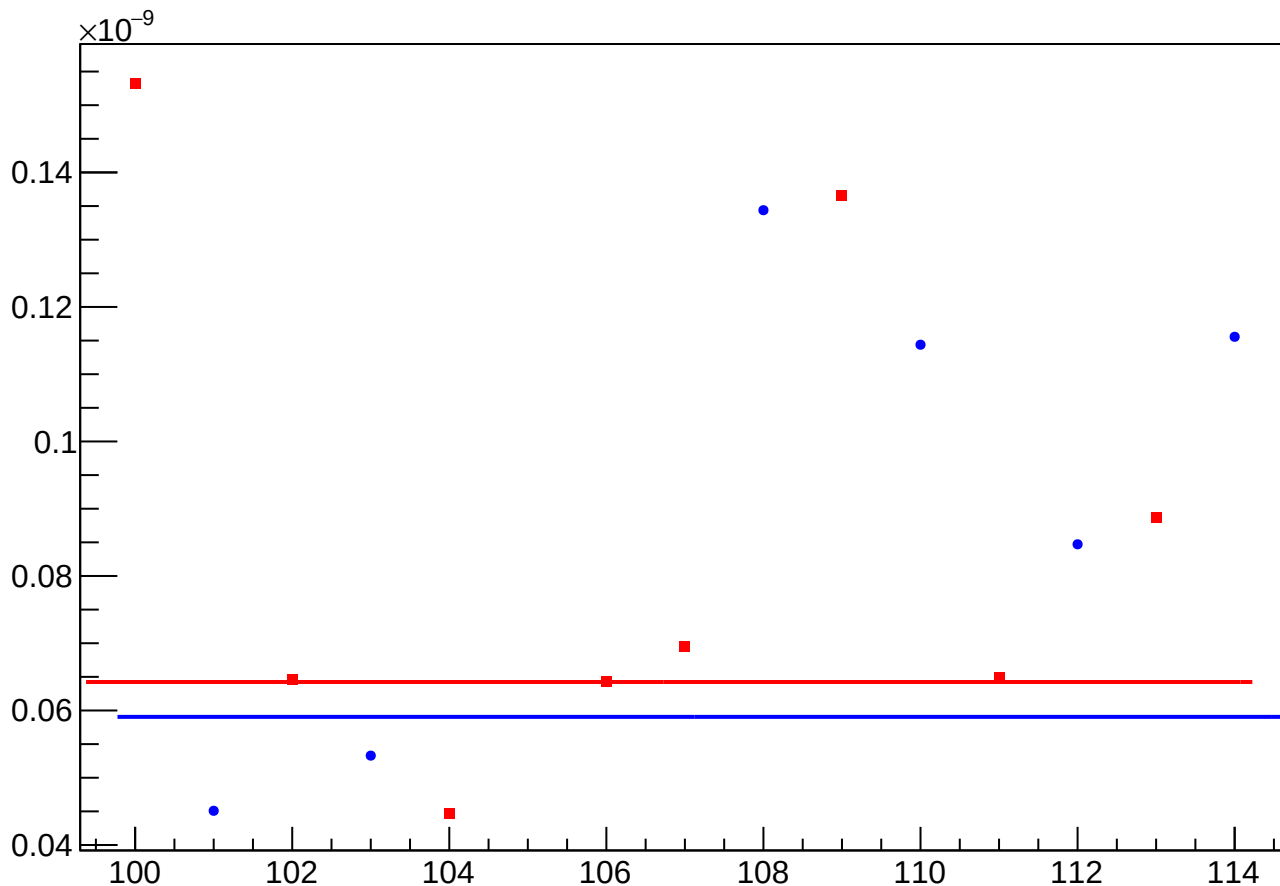
Right: 0.000+/-0.000 χ^2/NDF : 9.1/13

In: 0.000+/-0.000 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/13

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

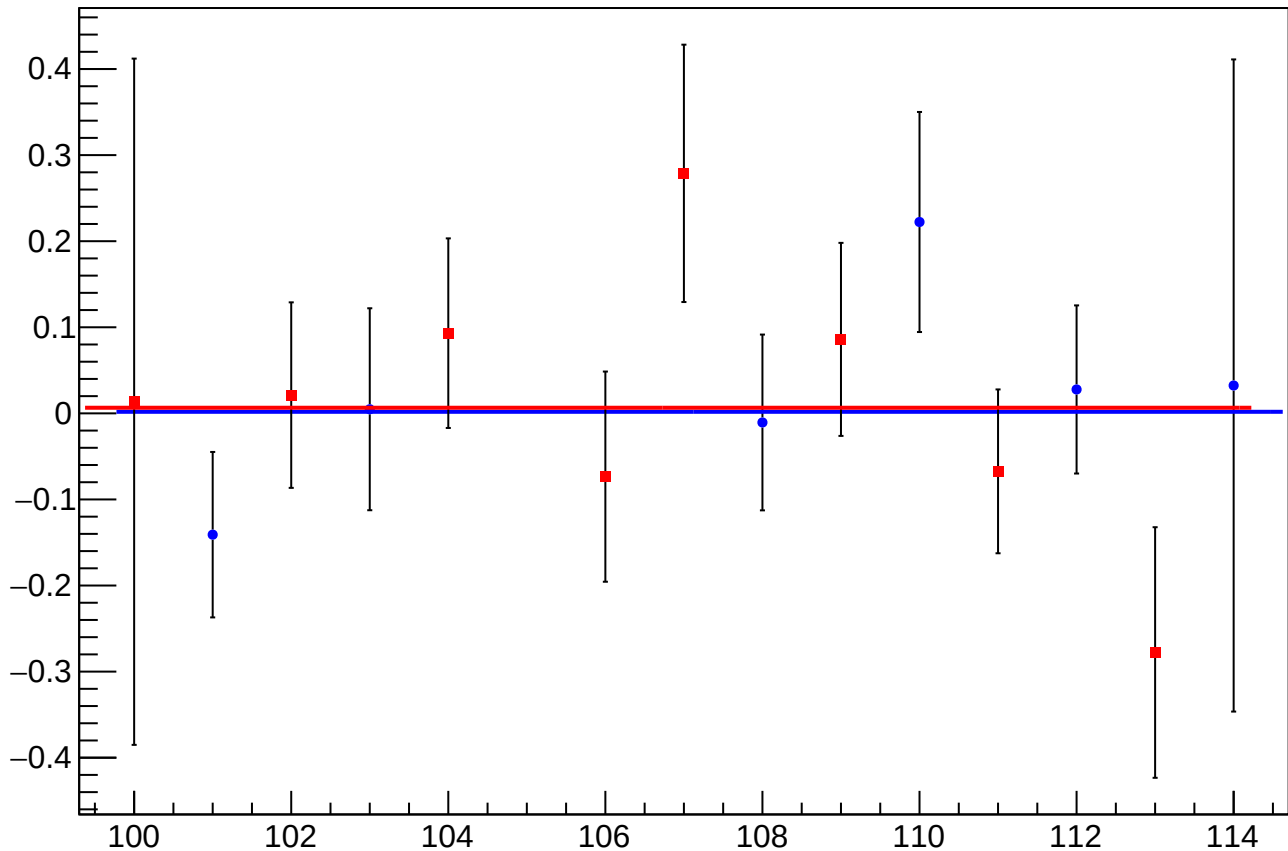
Right: 0.000+/-0.000 χ^2/NDF : 947297.2/13

In: 0.000+/-0.000 χ^2/NDF : 511548.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 947297.2/13

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.047 χ^2/NDF : 5.3/5

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

Right Out: 0.007+/-0.044 χ^2/NDF : 9.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

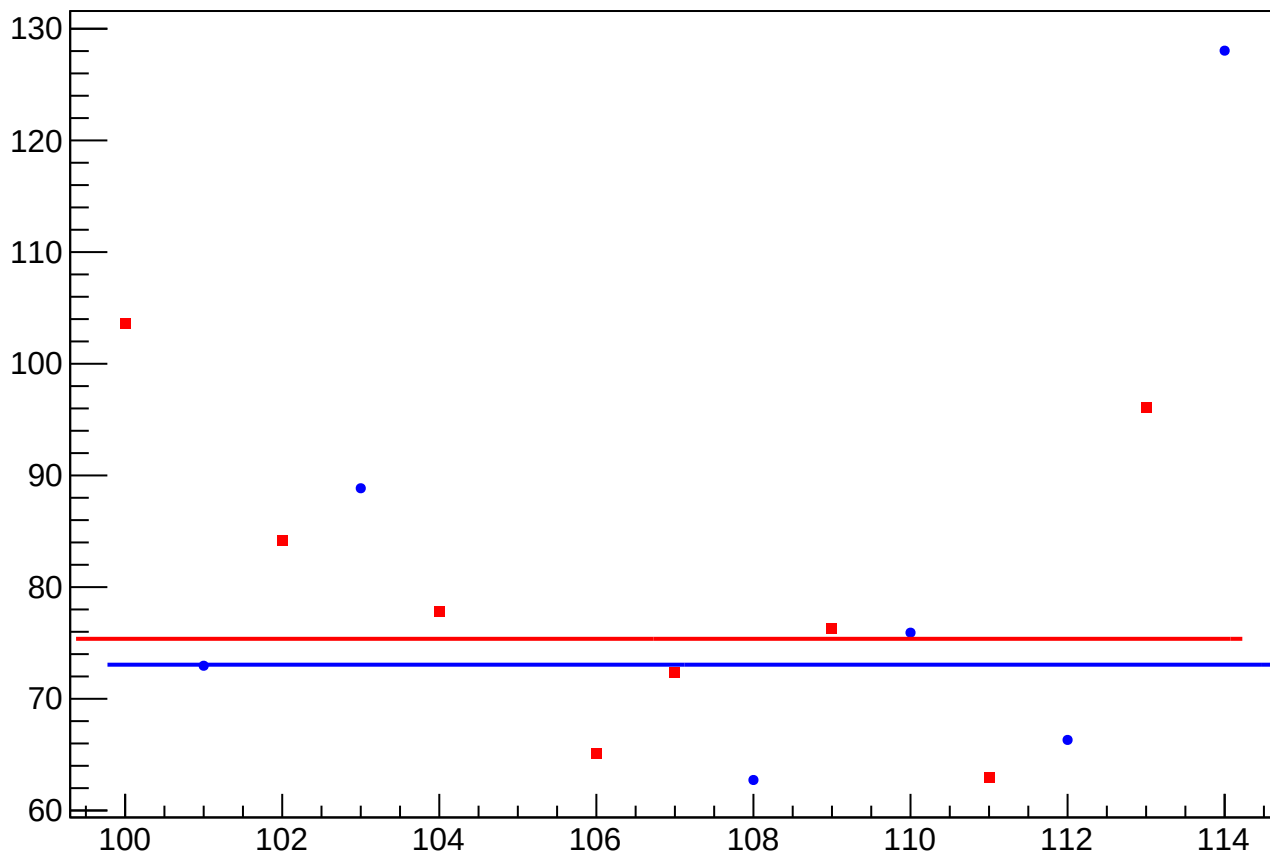
Right: 0.004+/-0.032 χ^2/NDF : 14.6/13

In: 0.002+/-0.047 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.032 χ^2/NDF : 14.6/13

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.054 $\pm$ 0.033 χ^2 /NDF: 109393.2/5

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

Right Out: 75.371 $\pm$ 0.031 χ^2 /NDF: 113903.8/7

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

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

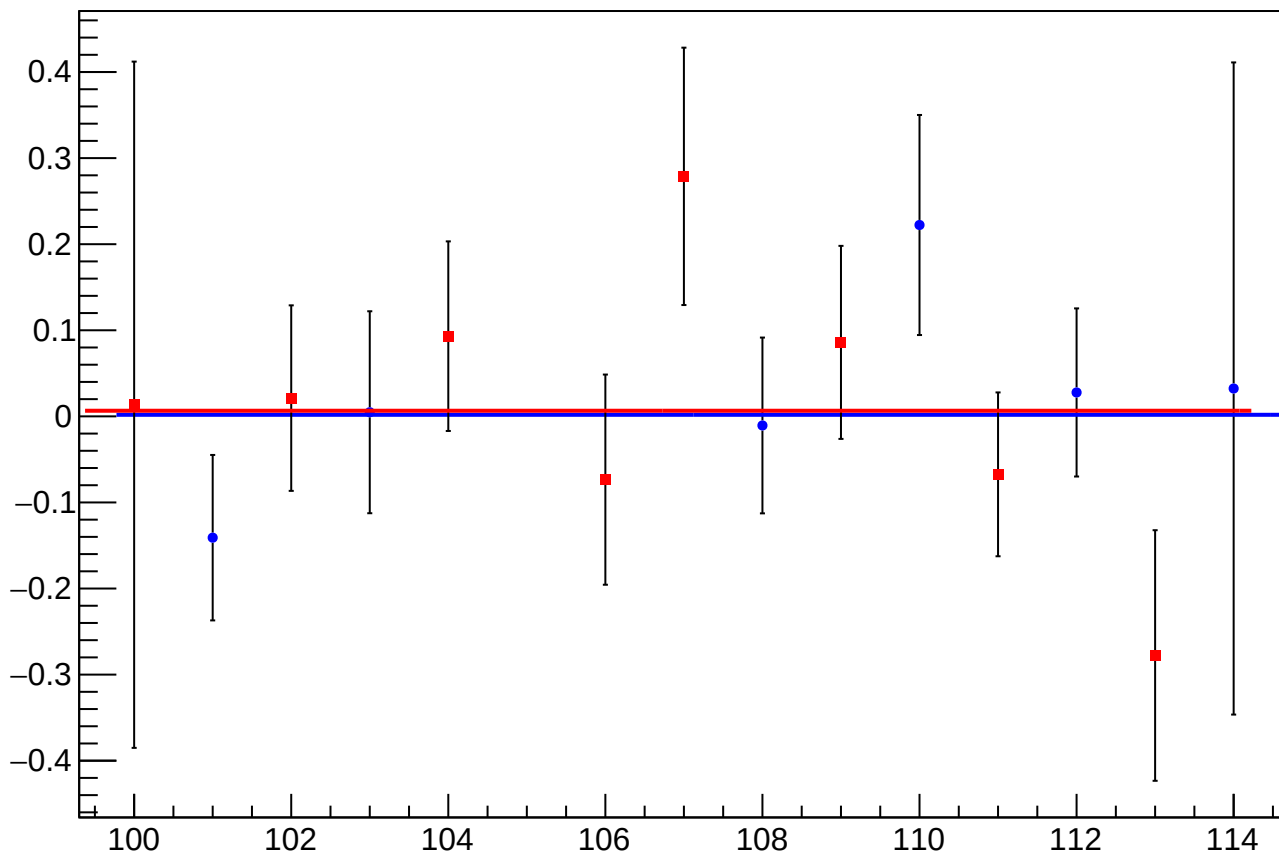
Right: 74.301 $\pm$ 0.023 χ^2 /NDF: 225896.4/13

In: 73.054 $\pm$ 0.033 χ^2 /NDF: 109393.2/5

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

All: 74.301 $\pm$ 0.023 χ^2 /NDF: 225896.4/13

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

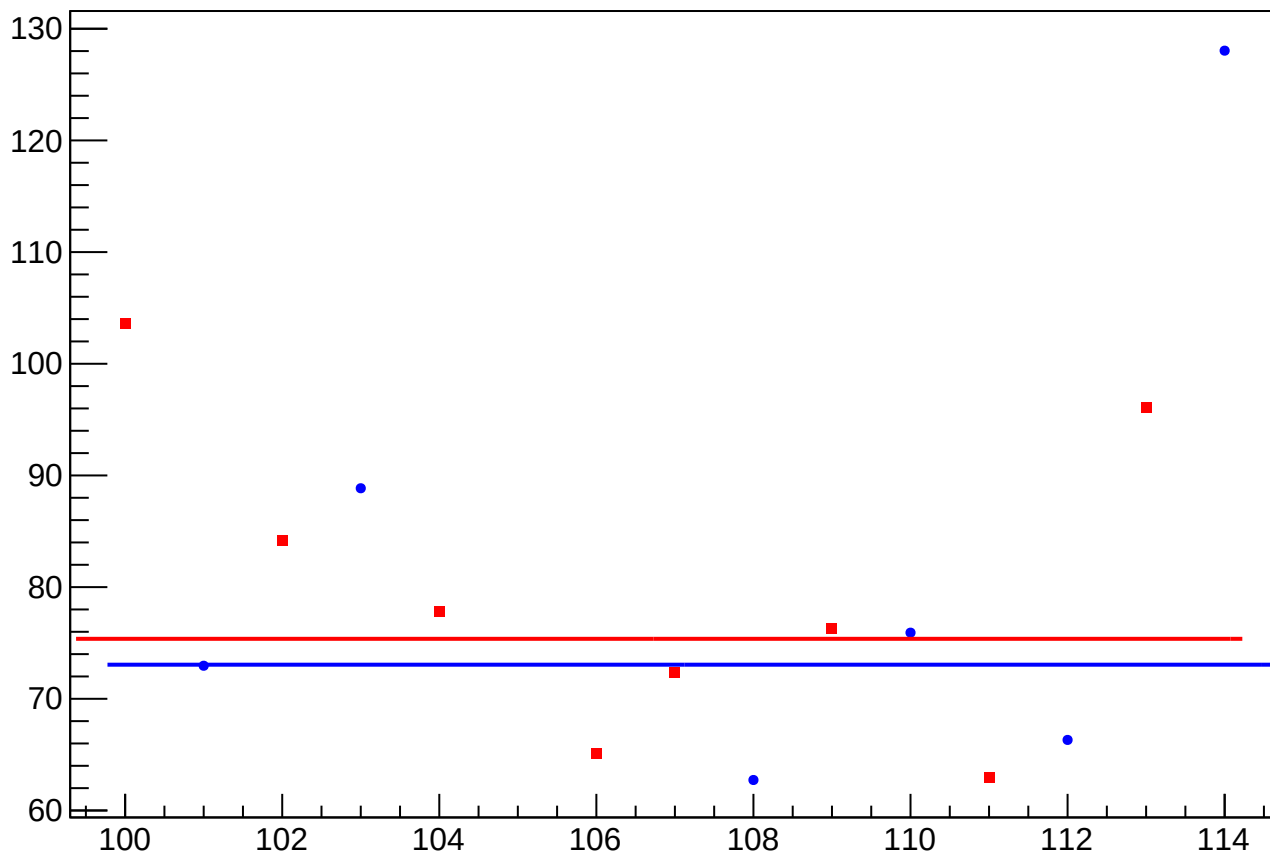
Right: 0.004 $\pm$ 0.032 χ^2 /NDF: 14.6/13

In: 0.002 $\pm$ 0.047 χ^2 /NDF:5.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.032 χ^2 /NDF: 14.6/13

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

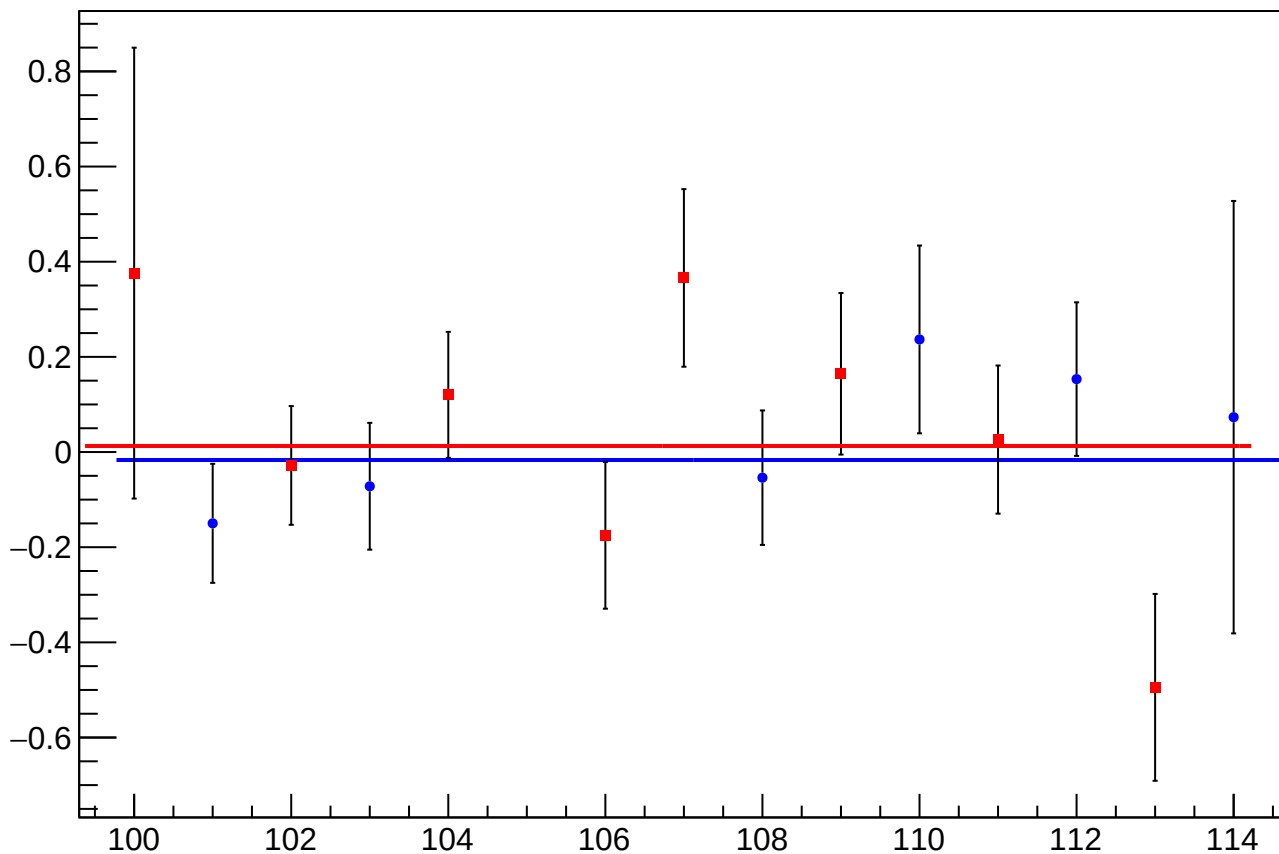
Right: 74.301+/-0.023 χ^2/NDF : 225896.4/13

In: 73.054+/-0.033 χ^2/NDF : 109393.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.301+/-0.023 χ^2/NDF : 225896.4/13

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.065 χ^2 /NDF: 4.2/5

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

Right Out: 0.013 $\pm$ 0.058 χ^2 /NDF: 13.9/7

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

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

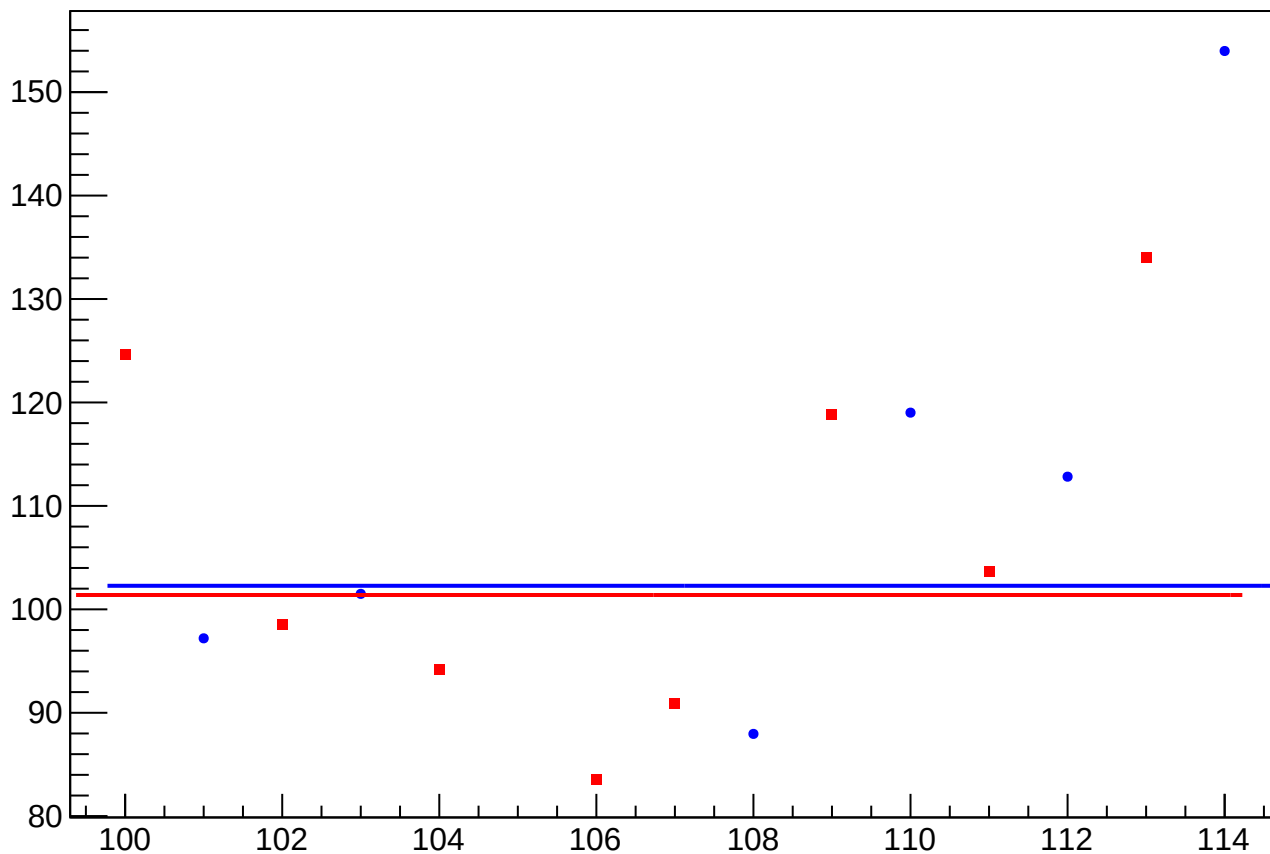
Right: -0.000 $\pm$ 0.043 χ^2 /NDF: 18.2/13

In: -0.017 $\pm$ 0.065 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.043 χ^2 /NDF: 18.2/13

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

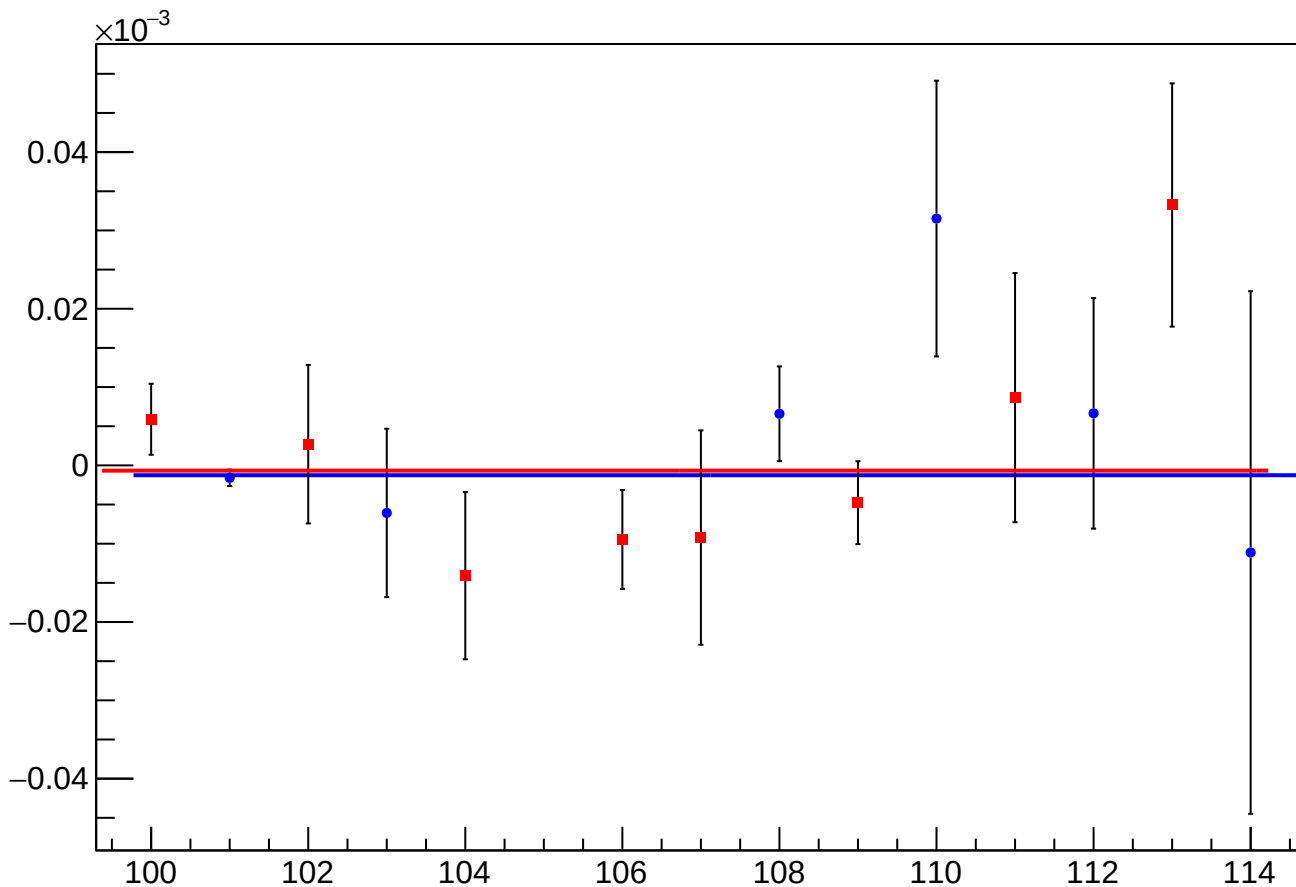
Right: 101.783 $\pm$ 0.030 χ^2 /NDF: 194521.9/13

In: 102.277 $\pm$ 0.046 χ^2 /NDF:72710.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.783 $\pm$ 0.030 χ^2 /NDF: 194521.9/13

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 11.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

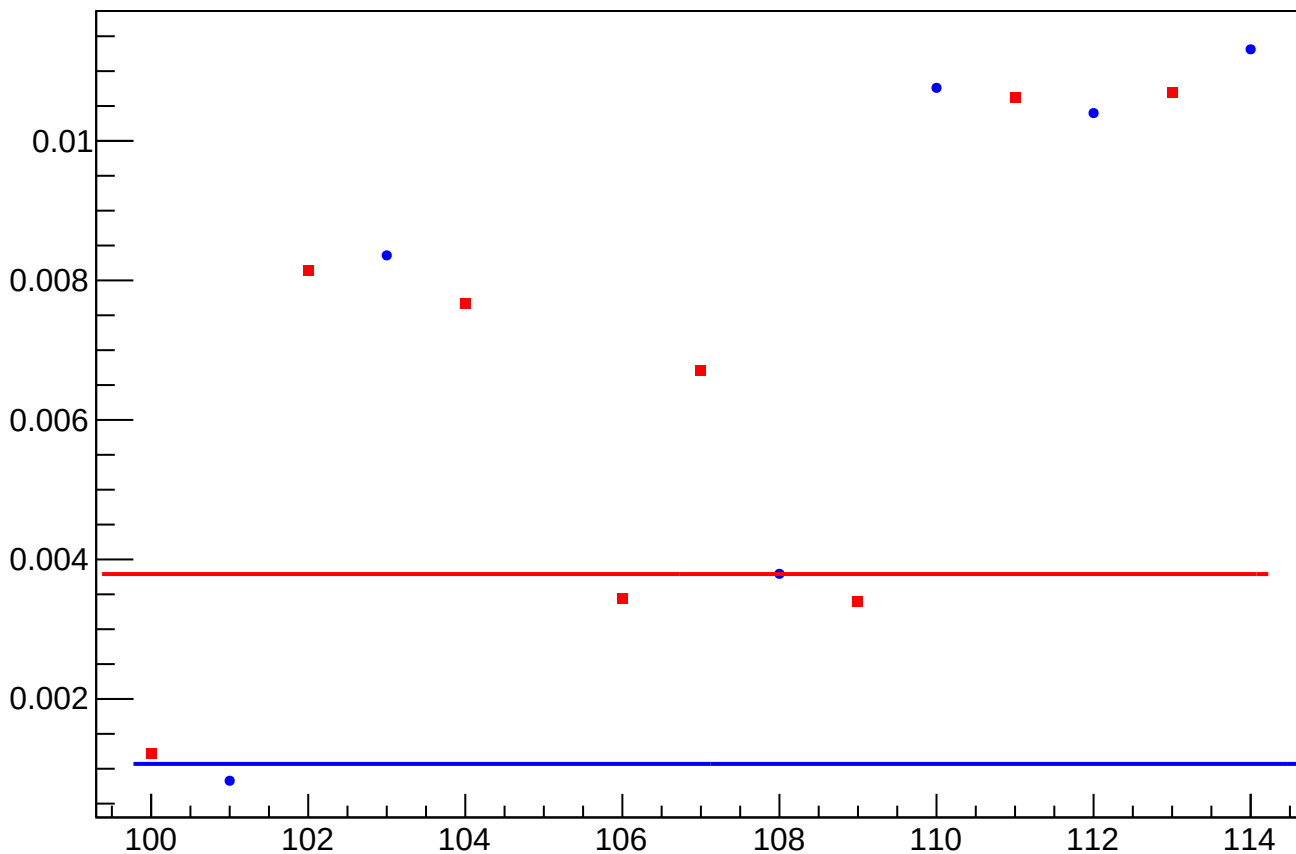
Right: -0.000+/-0.000 χ^2/NDF : 17.7/13

In: -0.000+/-0.000 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/13

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

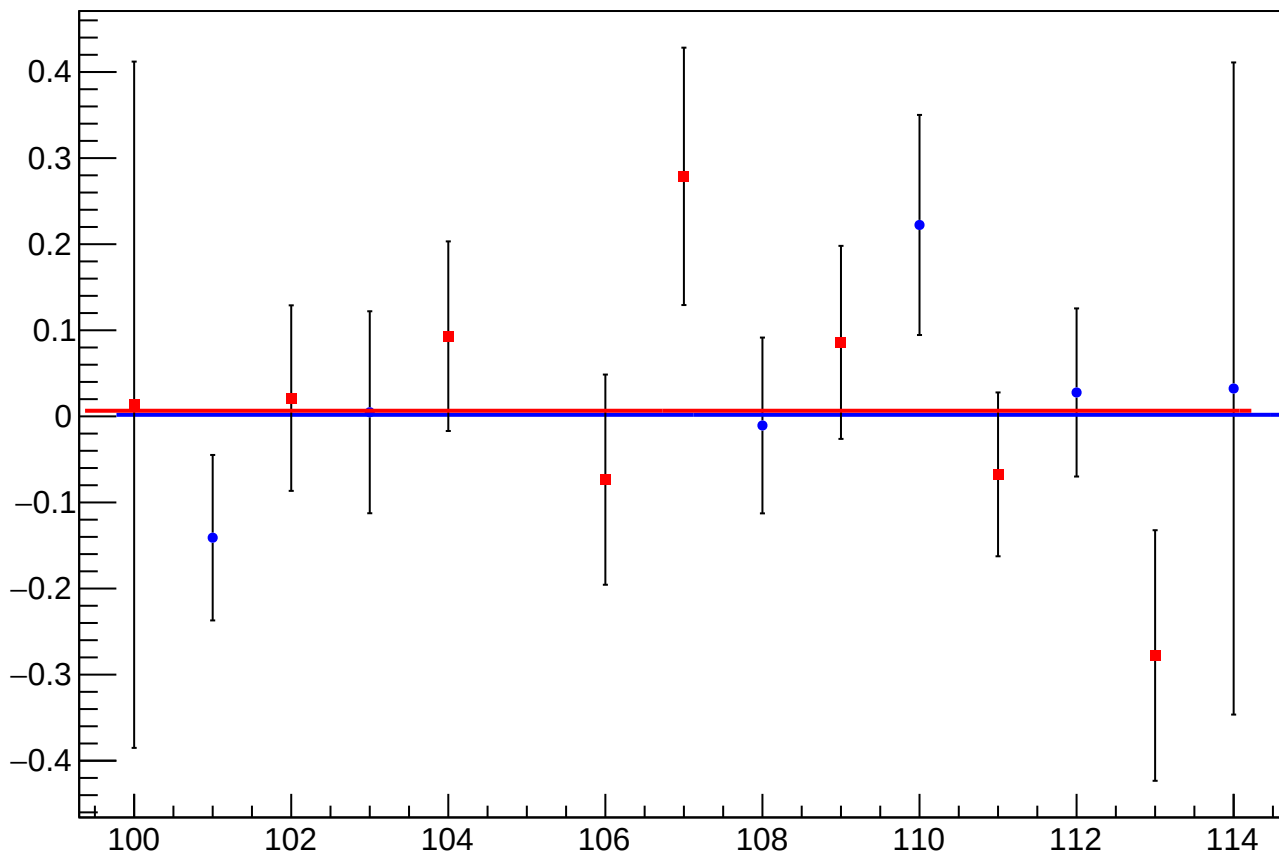
Right: 0.001+/-0.000 χ^2/NDF : 7006846.8/13

In: 0.001+/-0.000 χ^2/NDF : 3030705.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7006846.8/13

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

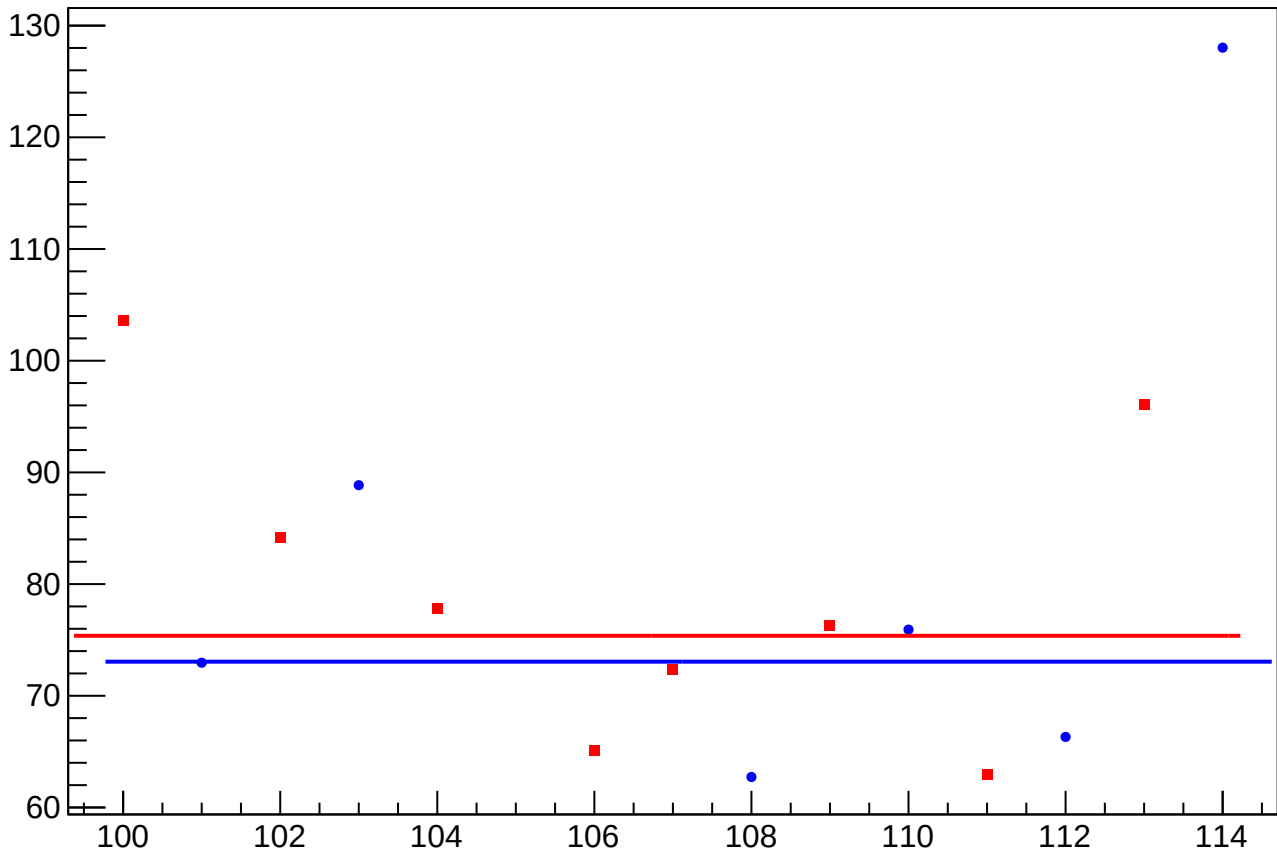
Right: 0.004 $\pm$ 0.032 χ^2 /NDF: 14.6/13

In: 0.002 $\pm$ 0.047 χ^2 /NDF:5.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.032 χ^2 /NDF: 14.6/13

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

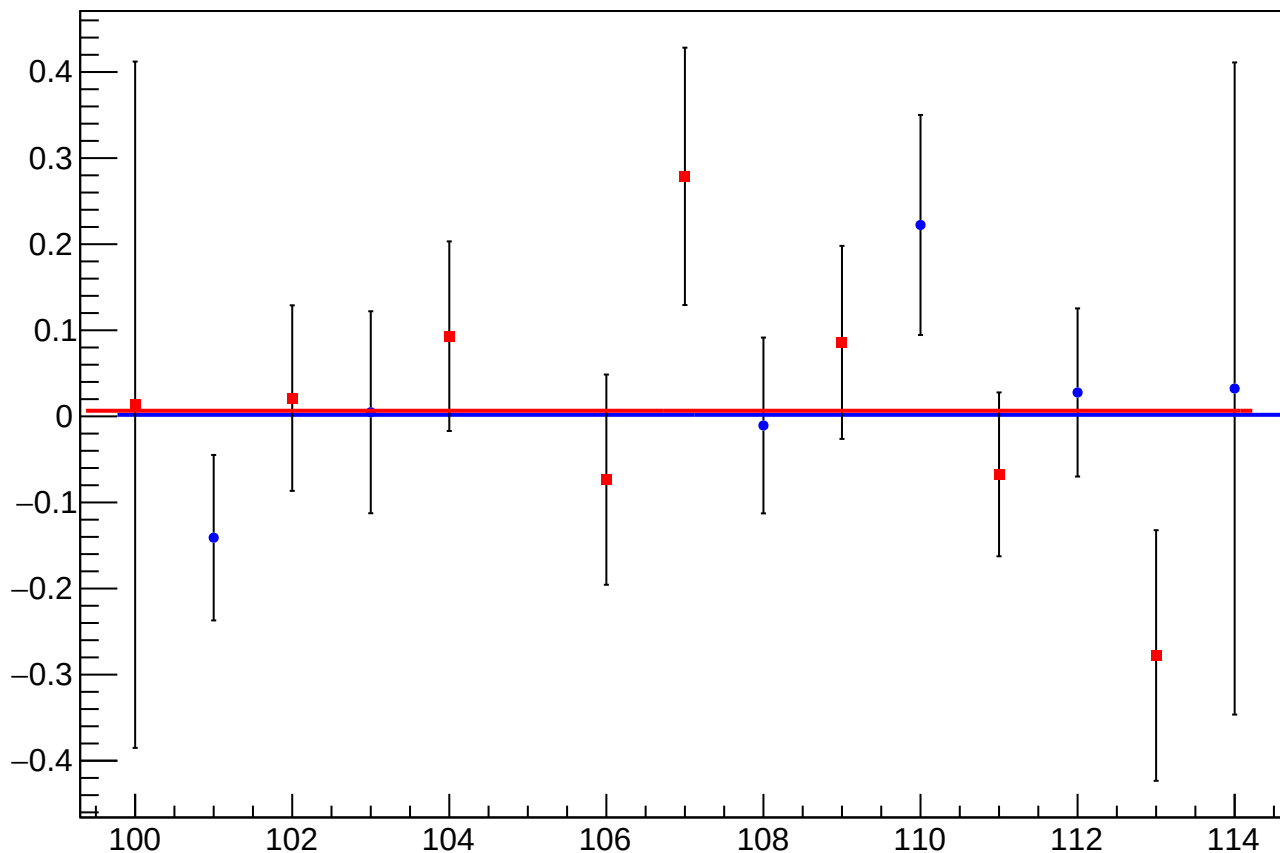
Right: 74.301+/-0.023 χ^2/NDF : 225893.3/13

In: 73.054+/-0.033 χ^2/NDF : 109401.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.301+/-0.023 χ^2/NDF : 225893.3/13

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.047 χ^2/NDF : 5.3/5

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

Right Out: 0.007+/-0.044 χ^2/NDF : 9.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

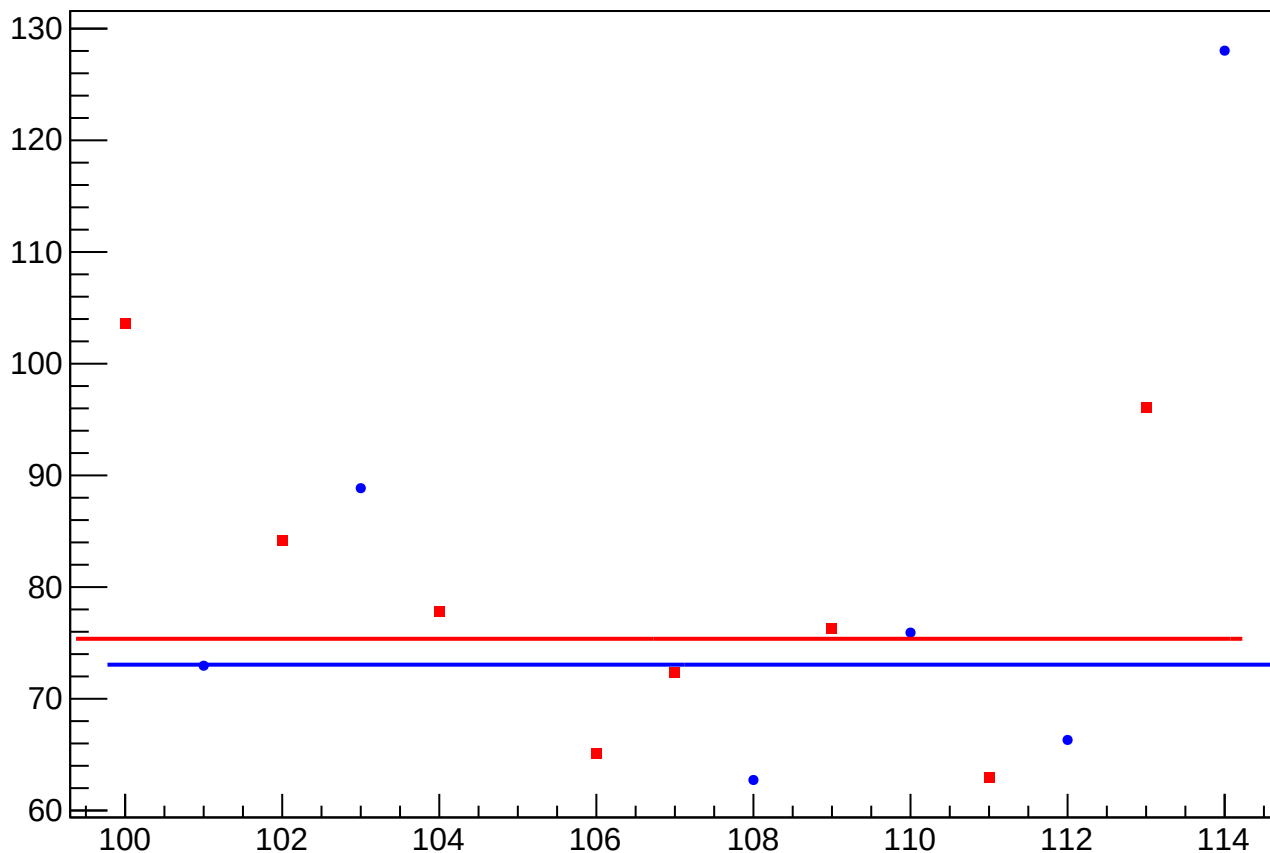
Right: 0.004+/-0.032 χ^2/NDF : 14.6/13

In: 0.002+/-0.047 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.032 χ^2/NDF : 14.6/13

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

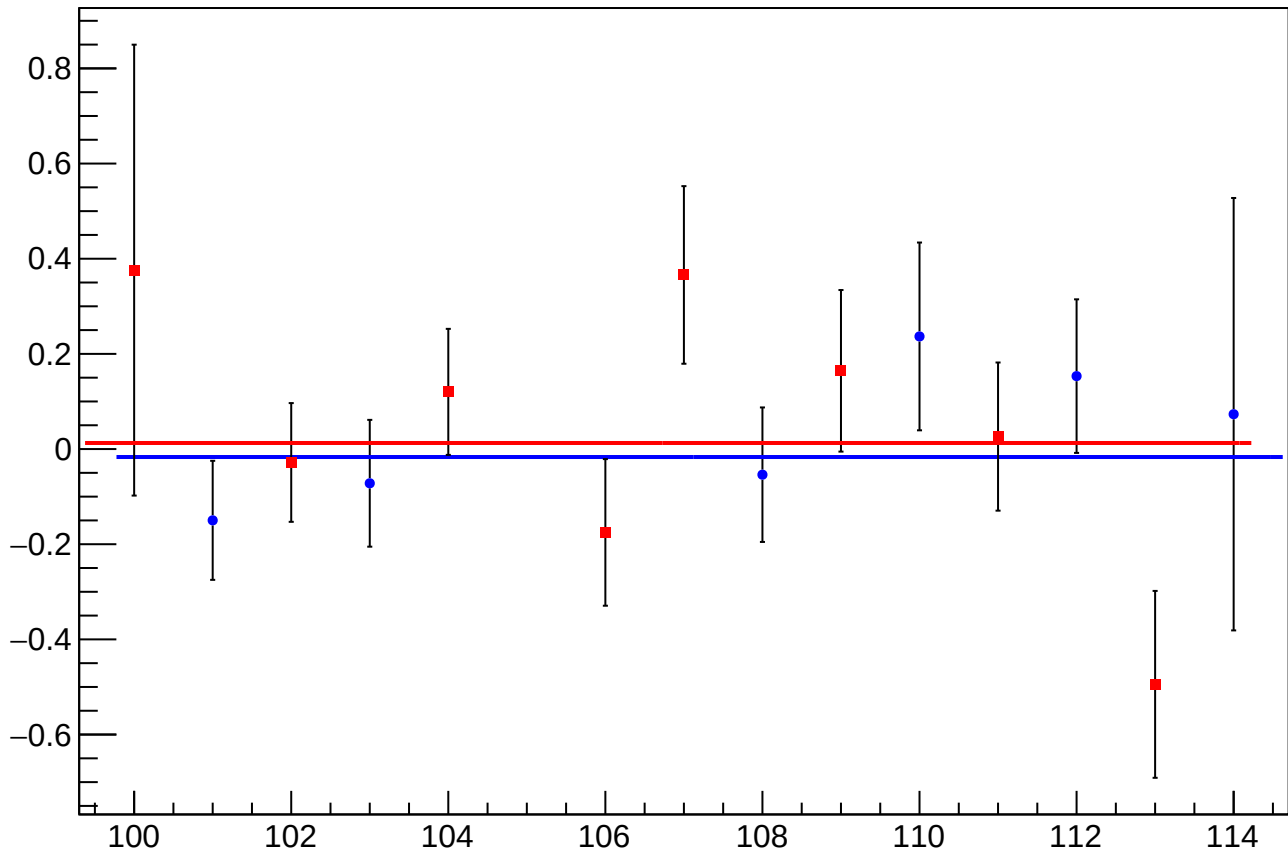
Right: 74.301+/-0.023 χ^2/NDF : 225893.3/13

In: 73.054+/-0.033 χ^2/NDF : 109401.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.301+/-0.023 χ^2/NDF : 225893.3/13

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.065 χ^2/NDF : 4.2/5

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

Right Out: 0.013+/-0.058 χ^2/NDF : 13.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

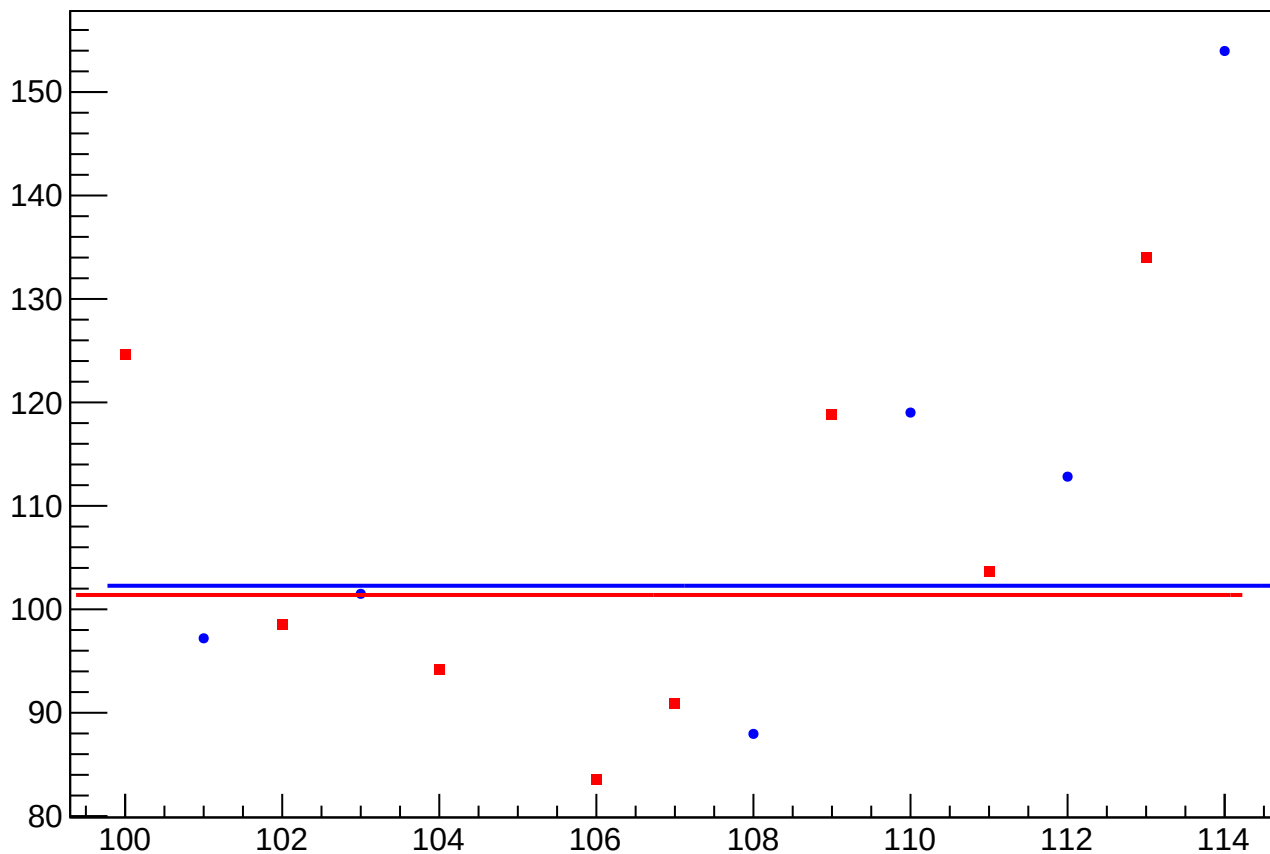
Right: -0.000+/-0.043 χ^2/NDF : 18.2/13

In: -0.017+/-0.065 χ^2/NDF :4.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.043 χ^2/NDF : 18.2/13

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

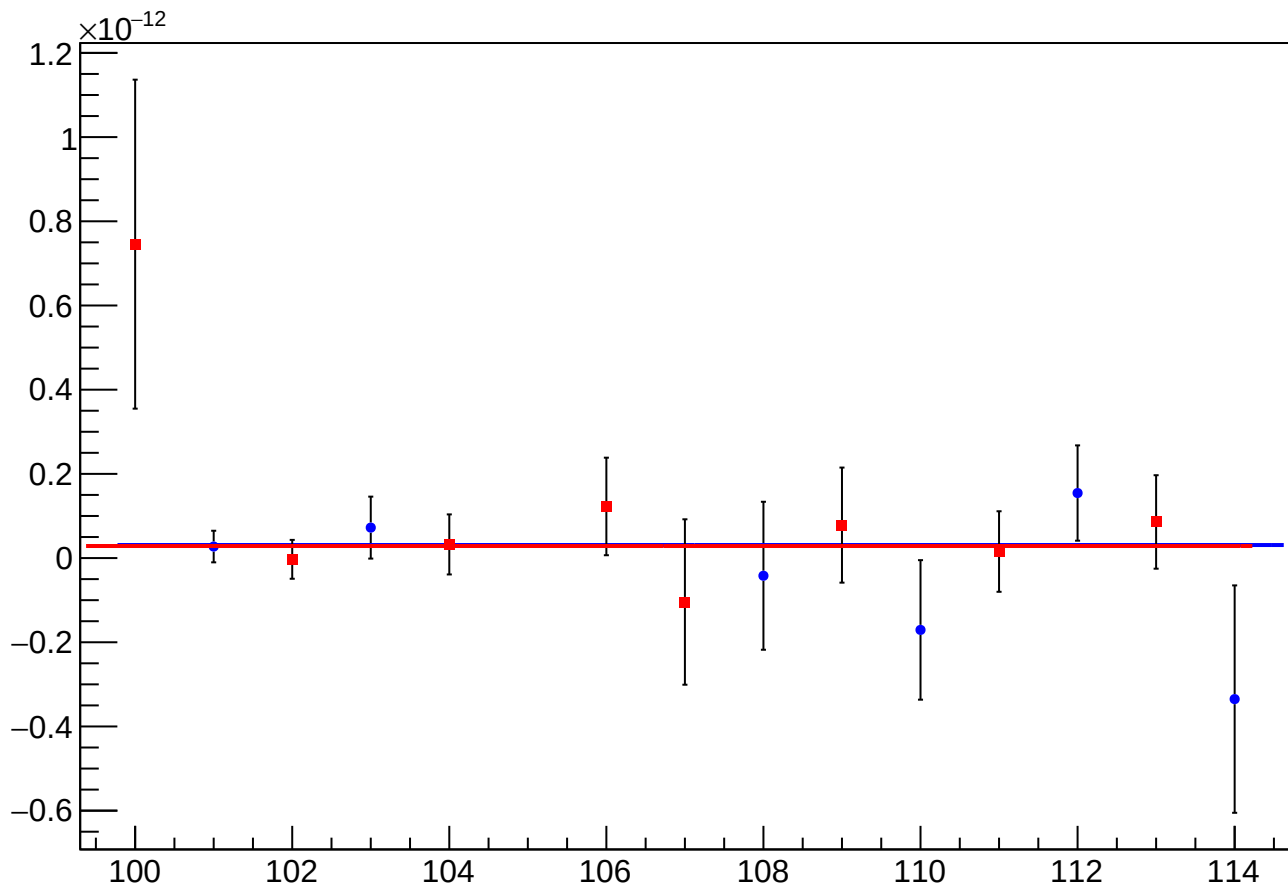
Right: 101.784+/-0.030 χ^2/NDF : 194502.6/13

In: 102.278+/-0.046 χ^2/NDF : 72705.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.784+/-0.030 χ^2/NDF : 194502.6/13

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

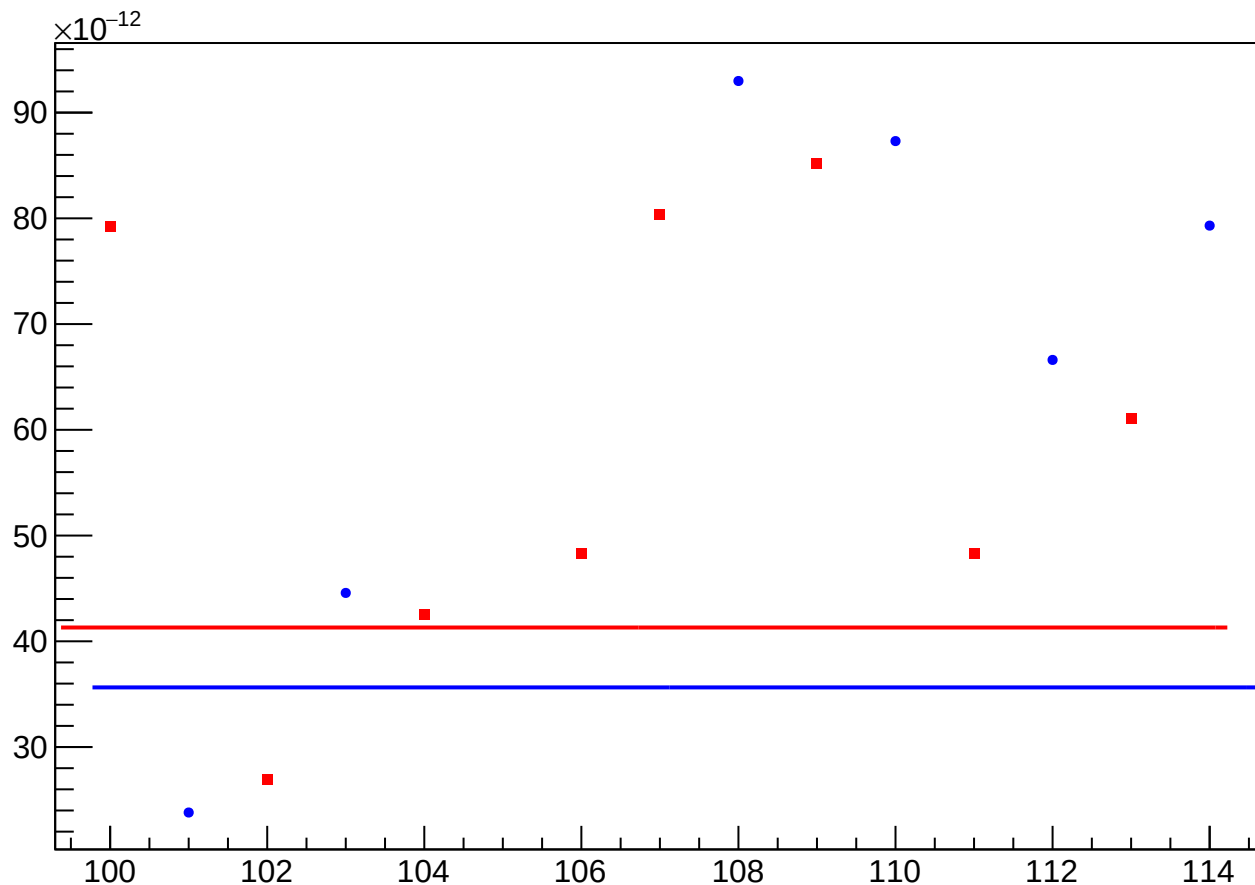
Right: 0.000+/-0.000 χ^2/NDF : 10.4/13

In: 0.000+/-0.000 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.4/13

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

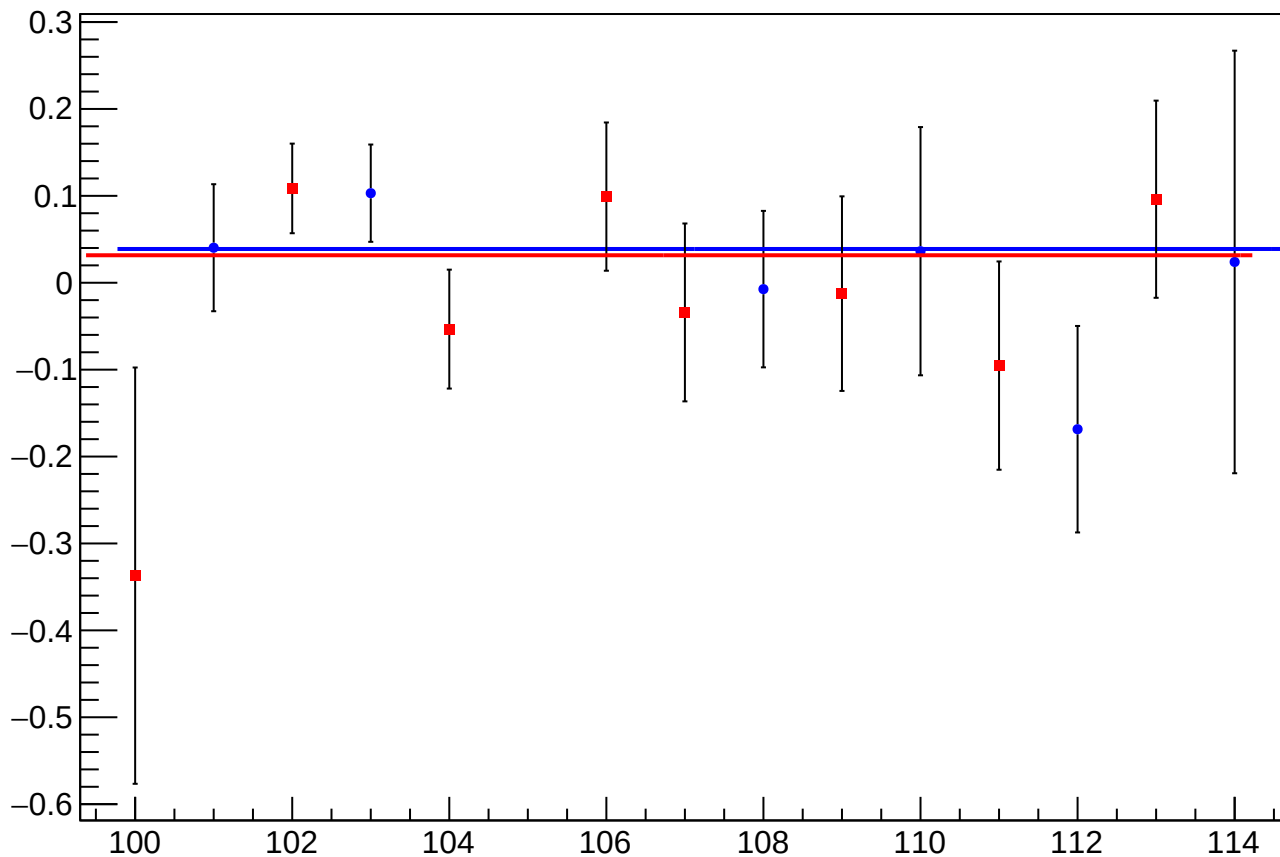
Right: 0.000+/-0.000 χ^2/NDF : 1450515.4/13

In: 0.000+/-0.000 χ^2/NDF : 837718.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1450515.4/13

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

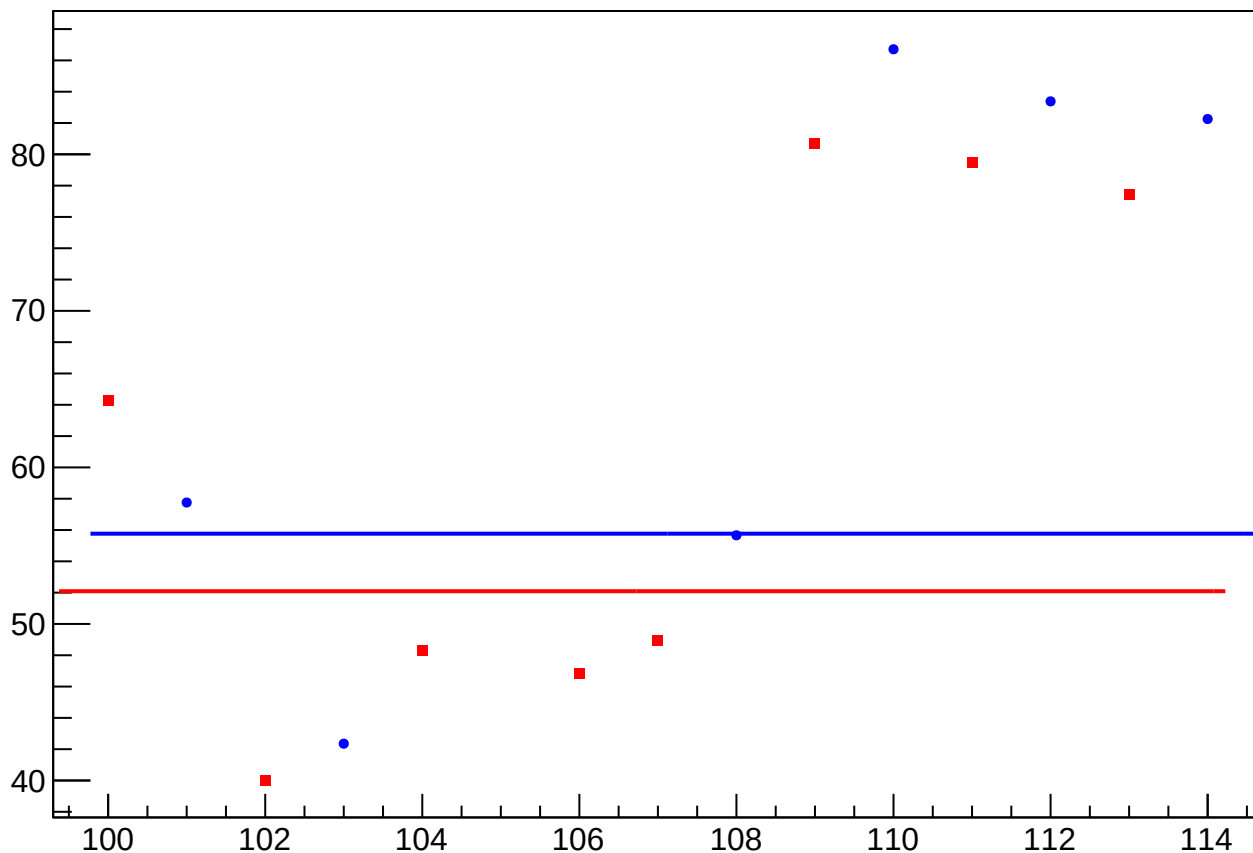
Right: 0.035 $\pm$ 0.023 χ^2 /NDF: 13.4/13

In: 0.039 $\pm$ 0.036 χ^2 /NDF:4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.023 χ^2 /NDF: 13.4/13

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

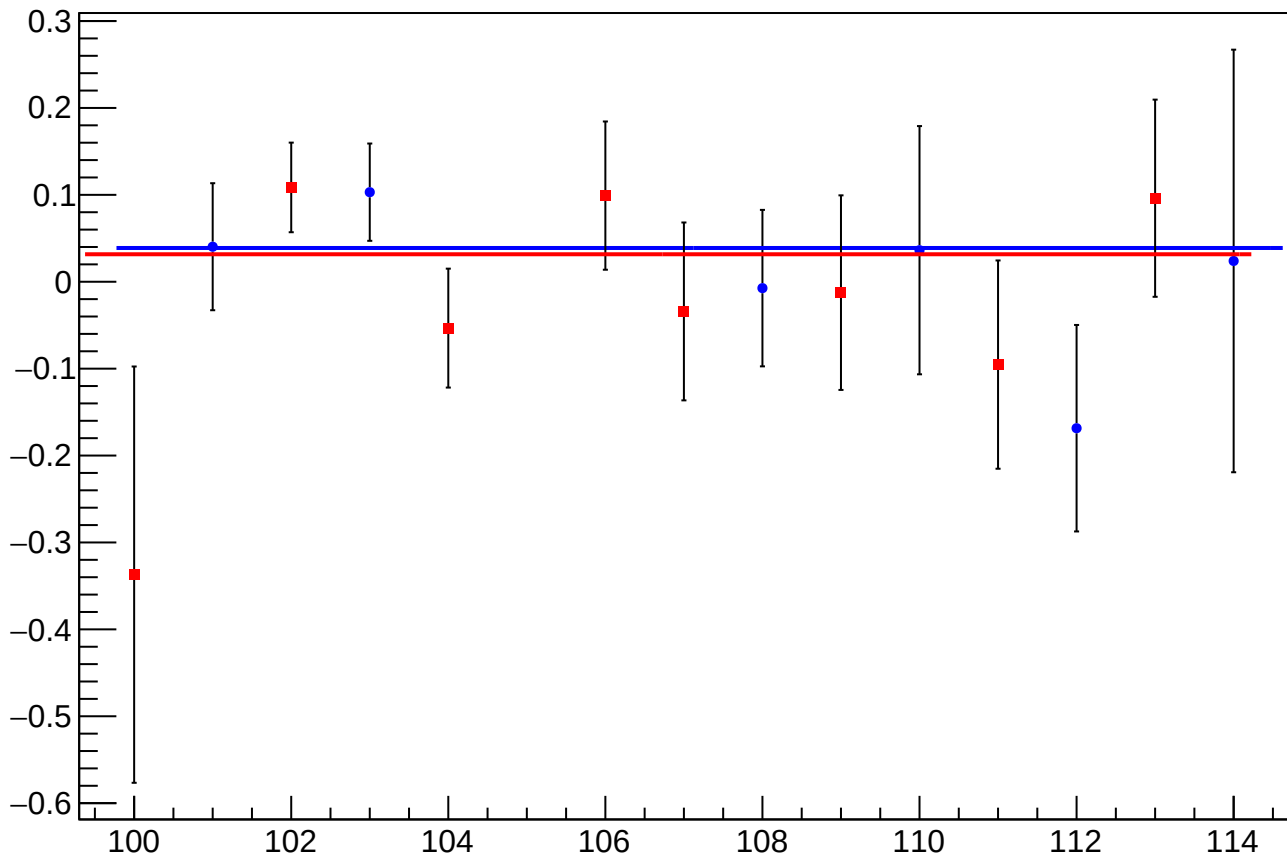
Right: 53.627+/-0.017 χ^2/NDF : 819246.2/13

In: 55.766+/-0.026 χ^2/NDF : 342038.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.627+/-0.017 χ^2/NDF : 819246.2/13

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.036 χ^2/NDF : 4.6/5

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

Right Out: 0.032+/-0.031 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

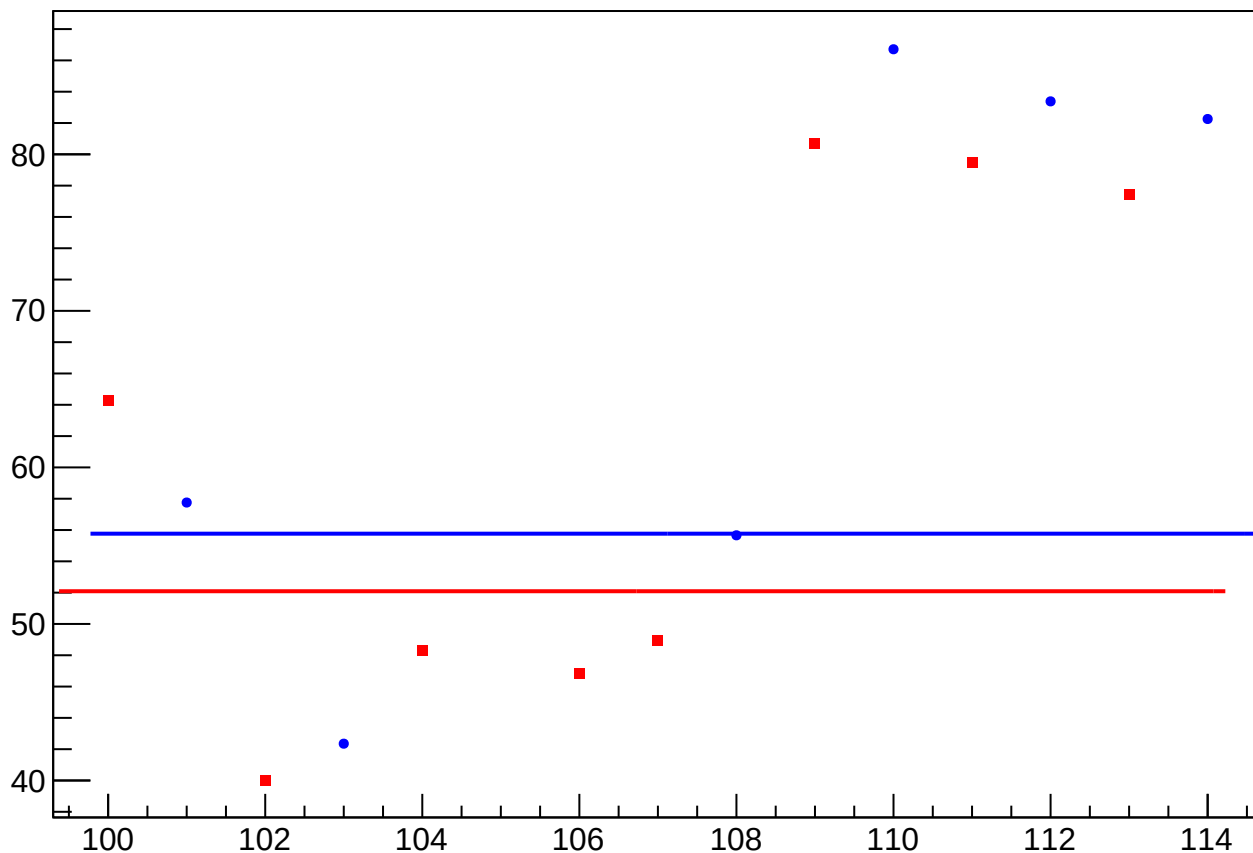
Right: 0.035+/-0.023 χ^2/NDF : 13.4/13

In: 0.039+/-0.036 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.023 χ^2/NDF : 13.4/13

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

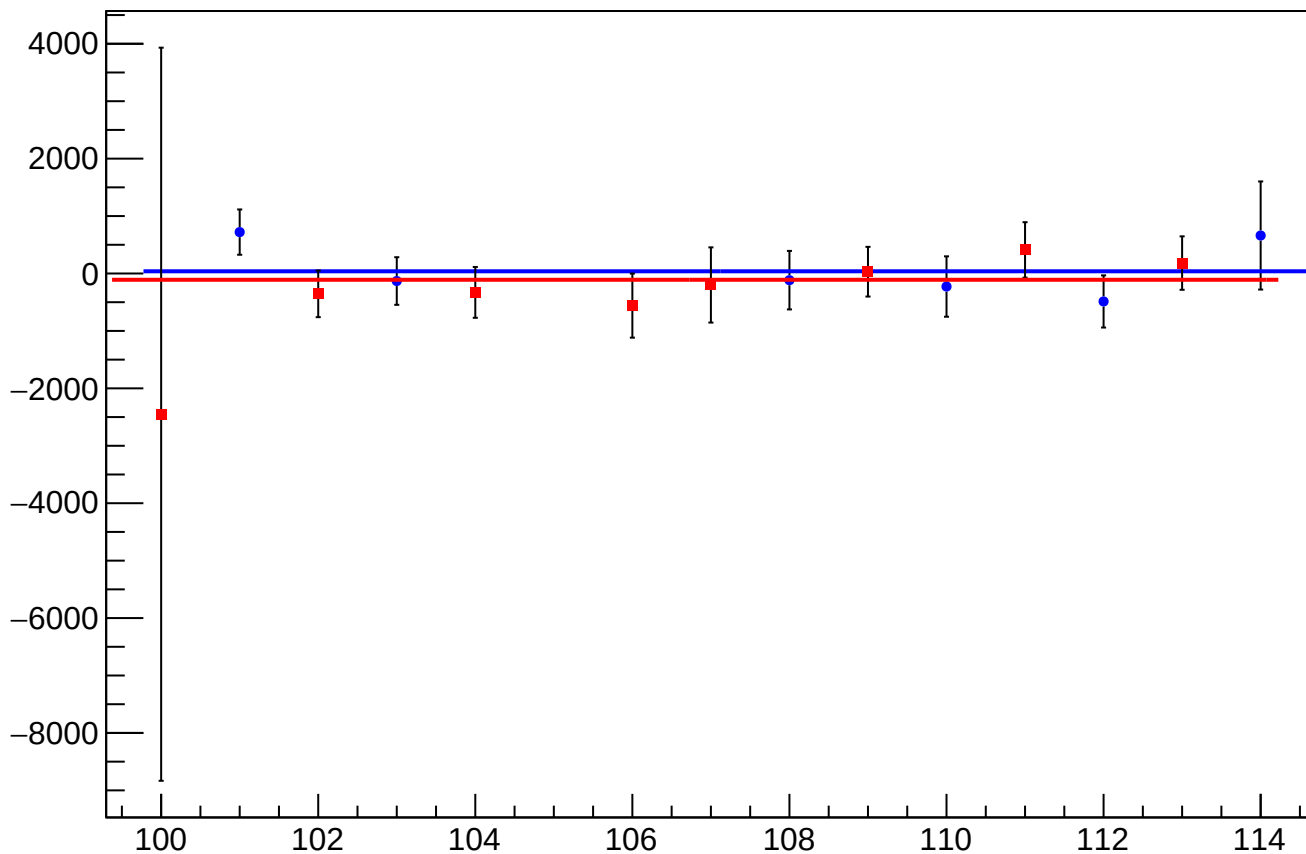
Right: 53.627+/-0.017 χ^2/NDF : 819246.2/13

In: 55.766+/-0.026 χ^2/NDF : 342038.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.627+/-0.017 χ^2/NDF : 819246.2/13

asym_dsl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

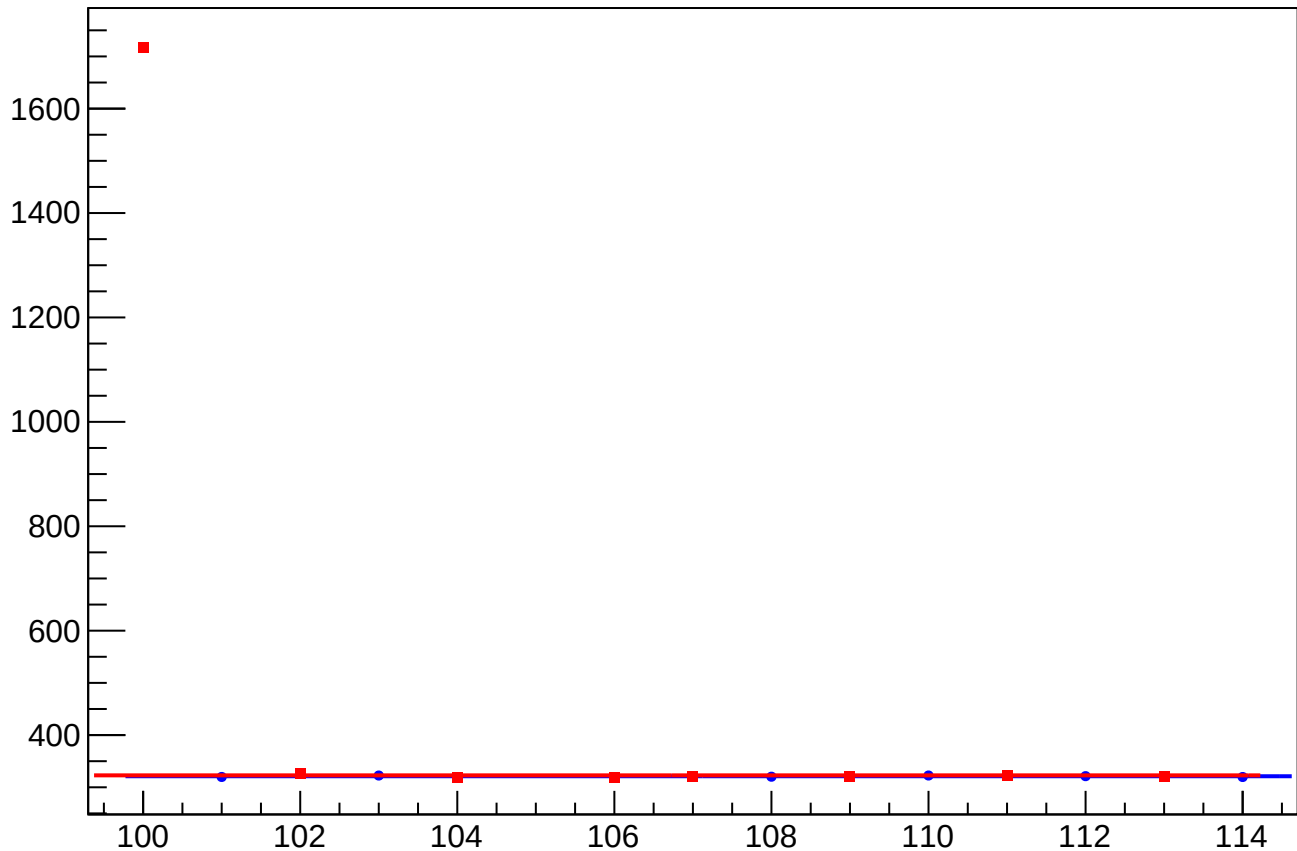
Right: -42.383+/-132.805 χ^2/NDF : 8.7/13

In: 38.451+/-197.259 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.383+/-132.805 χ^2/NDF : 8.7/13

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.160+/-0.139 χ^2/NDF : 71.3/5

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

Right Out: 322.870+/-0.127 χ^2/NDF : 96185.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

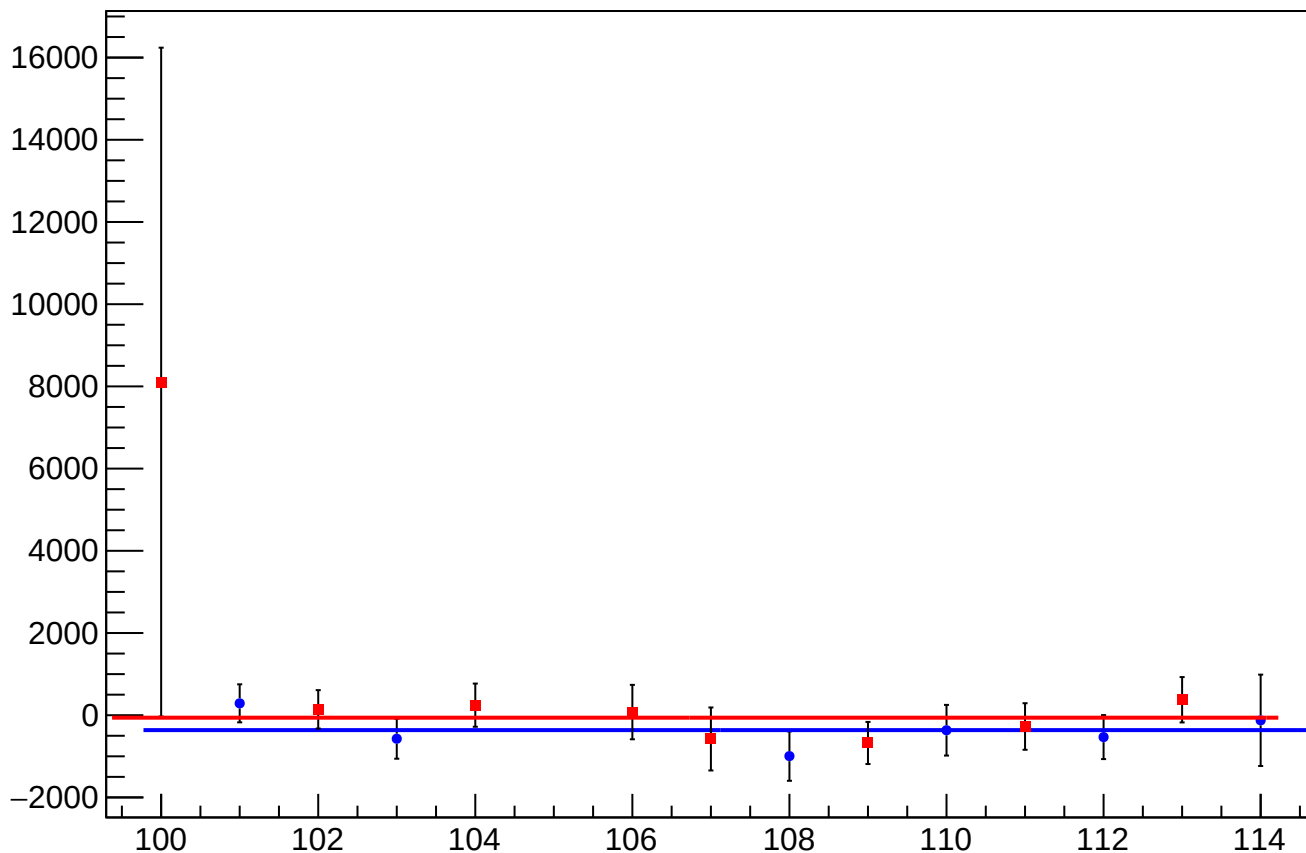
Right: 322.095+/-0.094 χ^2/NDF : 96338.9/13

In: 321.160+/-0.139 χ^2/NDF : 71.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.095+/-0.094 χ^2/NDF : 96338.9/13

asym_dsr_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

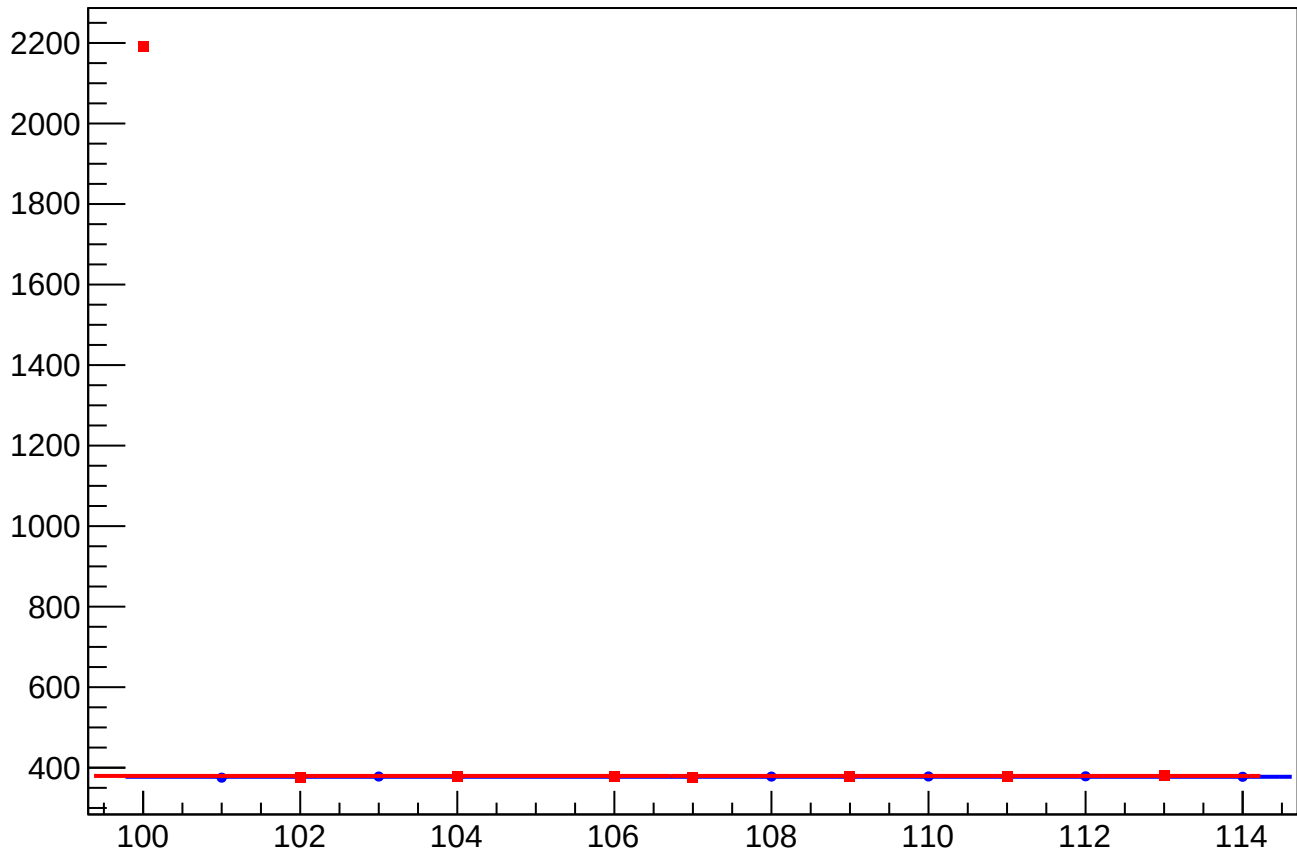
Right: -197.101+/-156.137 χ^2/NDF : 8.6/13

In: -362.444+/-231.847 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.101+/-156.137 χ^2/NDF : 8.6/13

asym_dsr_rms vs Slug, Sign Corrected



Right In: 377.452+/-0.164 χ^2/NDF : 62.9/5

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

Right Out: 379.586+/-0.149 χ^2/NDF : 99167.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

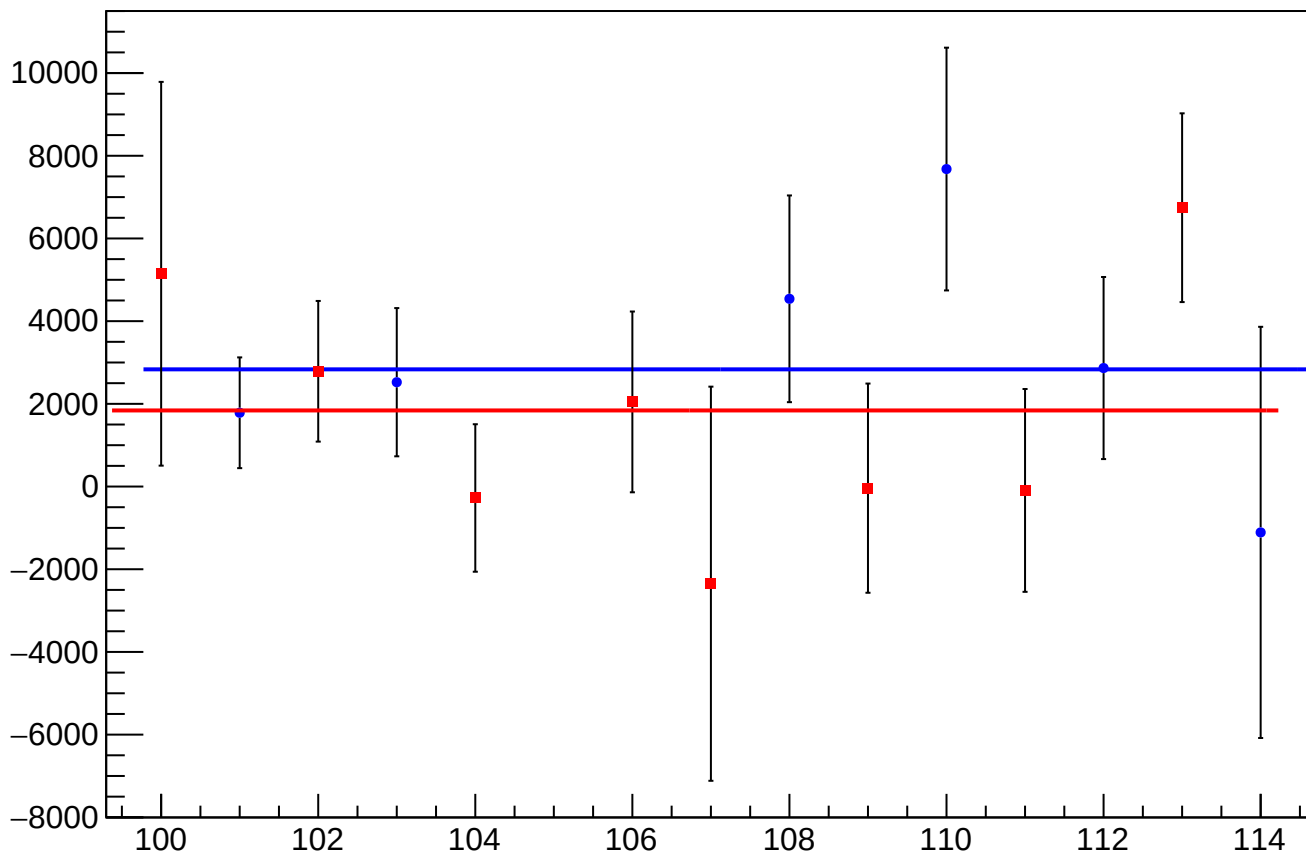
Right: 378.619+/-0.110 χ^2/NDF : 99322.9/13

In: 377.452+/-0.164 χ^2/NDF : 62.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.619+/-0.110 χ^2/NDF : 99322.9/13

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2834.407+/-847.730 χ^2/NDF : 4.5/5

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

Right Out: 1840.483+/-823.634 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

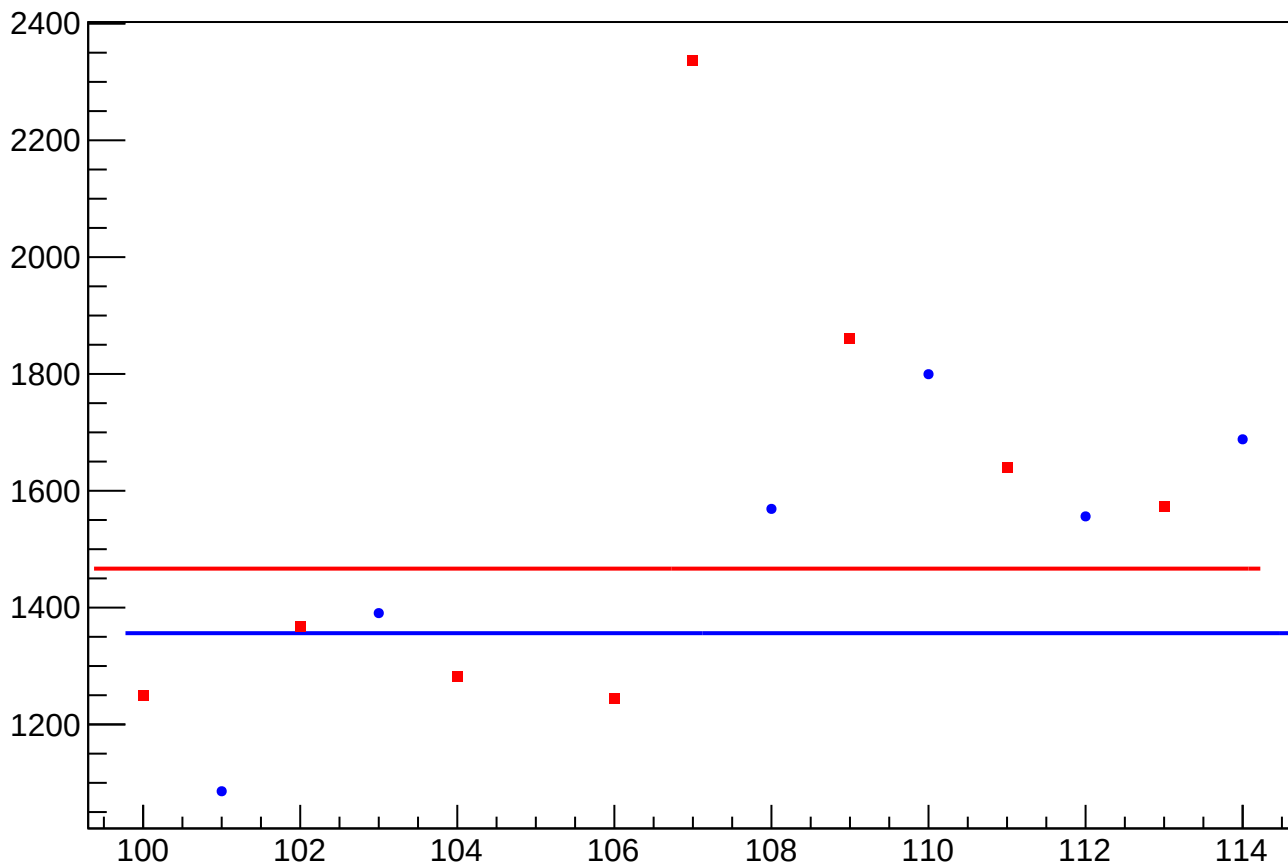
Right: 2323.119+/-590.732 χ^2/NDF : 14.0/13

In: 2834.407+/-847.730 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2323.119+/-590.732 χ^2/NDF : 14.0/13

asym_us_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

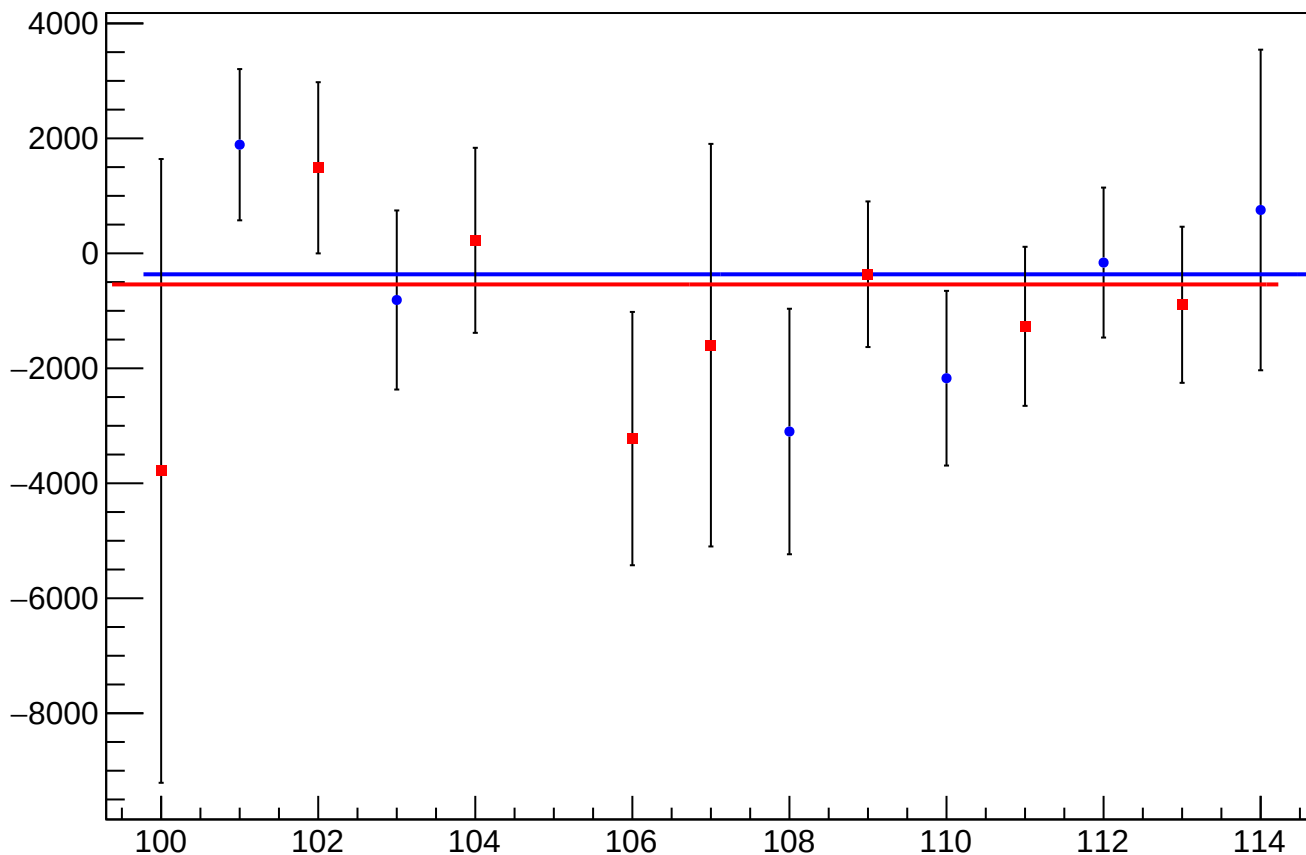
Right: 1413.071+/-0.418 χ^2/NDF : 368010.2/13

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

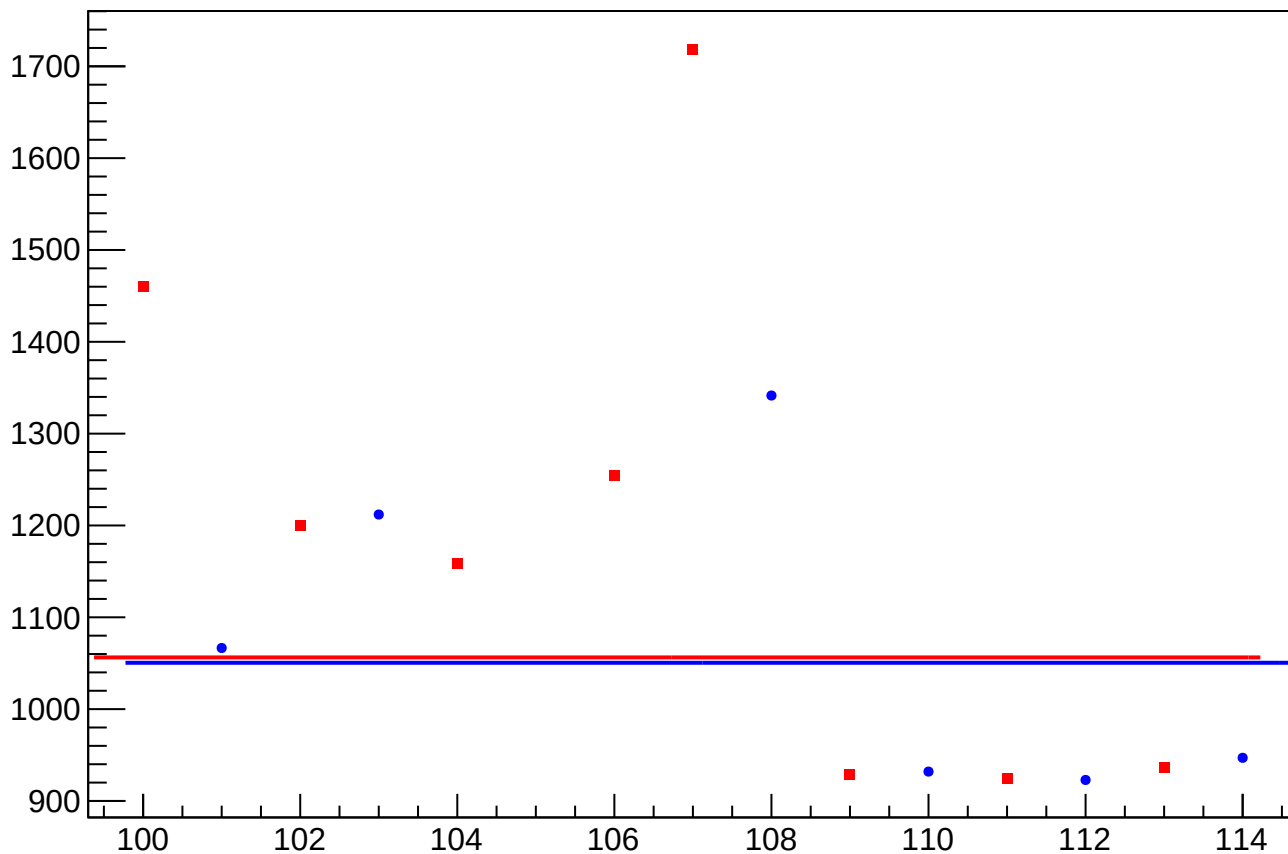
Right: -460.921+/-438.300 χ^2/NDF : 10.7/13

In: -364.712+/-651.138 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.921+/-438.300 χ^2/NDF : 10.7/13

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1050.483+/-0.460 χ^2/NDF : 92986.1/5

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

Right Out: 1056.305+/-0.419 χ^2/NDF : 179149.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

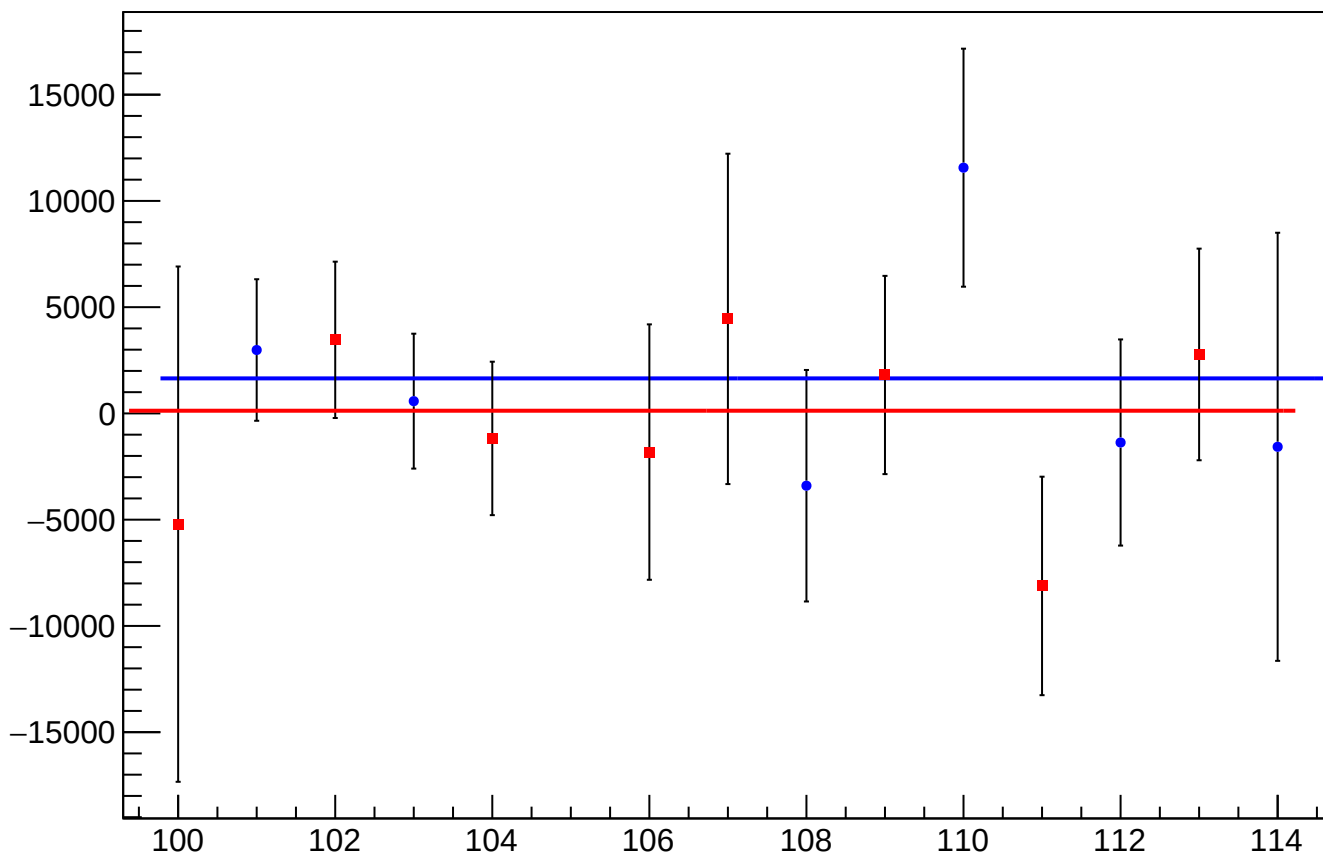
Right: 1053.667+/-0.310 χ^2/NDF : 272222.8/13

In: 1050.483+/-0.460 χ^2/NDF : 92986.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.667+/-0.310 χ^2/NDF : 272222.8/13

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1648.739+/-1803.768 χ^2/NDF : 4.8/5

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

Right Out: 126.868+/-1751.928 χ^2/NDF : 4.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

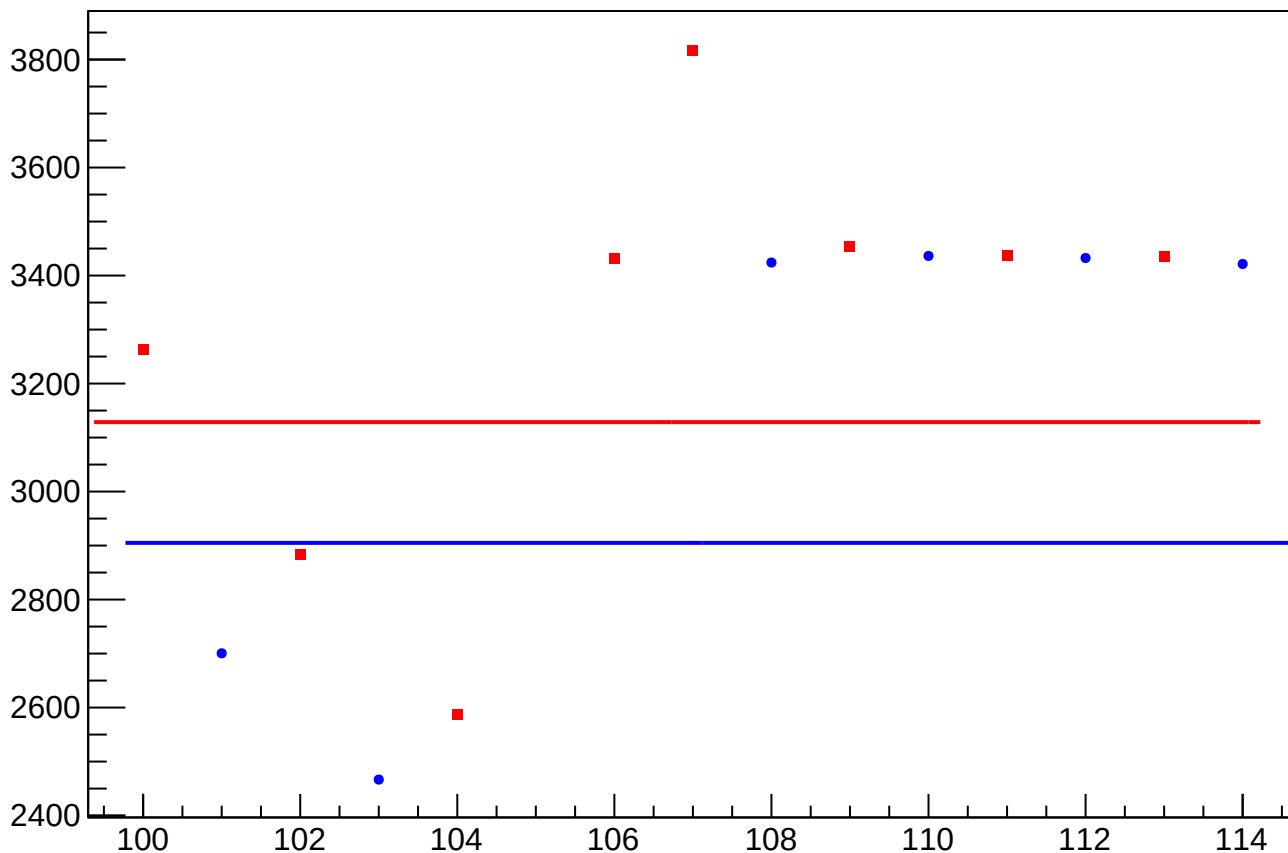
Right: 865.620+/-1256.728 χ^2/NDF : 9.7/13

In: 1648.739+/-1803.768 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 865.620+/-1256.728 χ^2/NDF : 9.7/13

reg_asym_atl1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

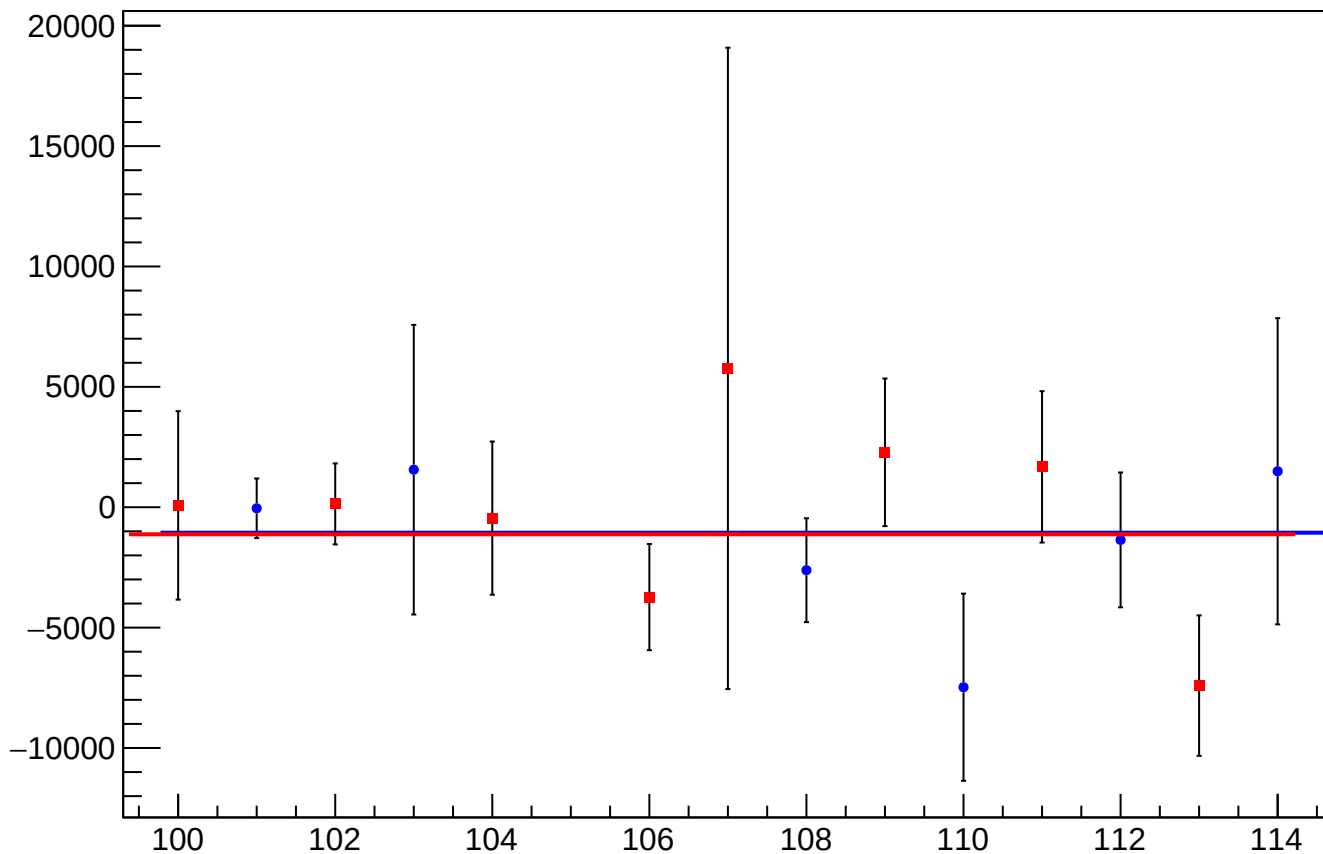
Right: 3020.066+/-0.889 χ^2/NDF : 225823.4/13

In: 2904.990+/-1.275 χ^2/NDF : 110758.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3020.066+/-0.889 χ^2/NDF : 225823.4/13

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

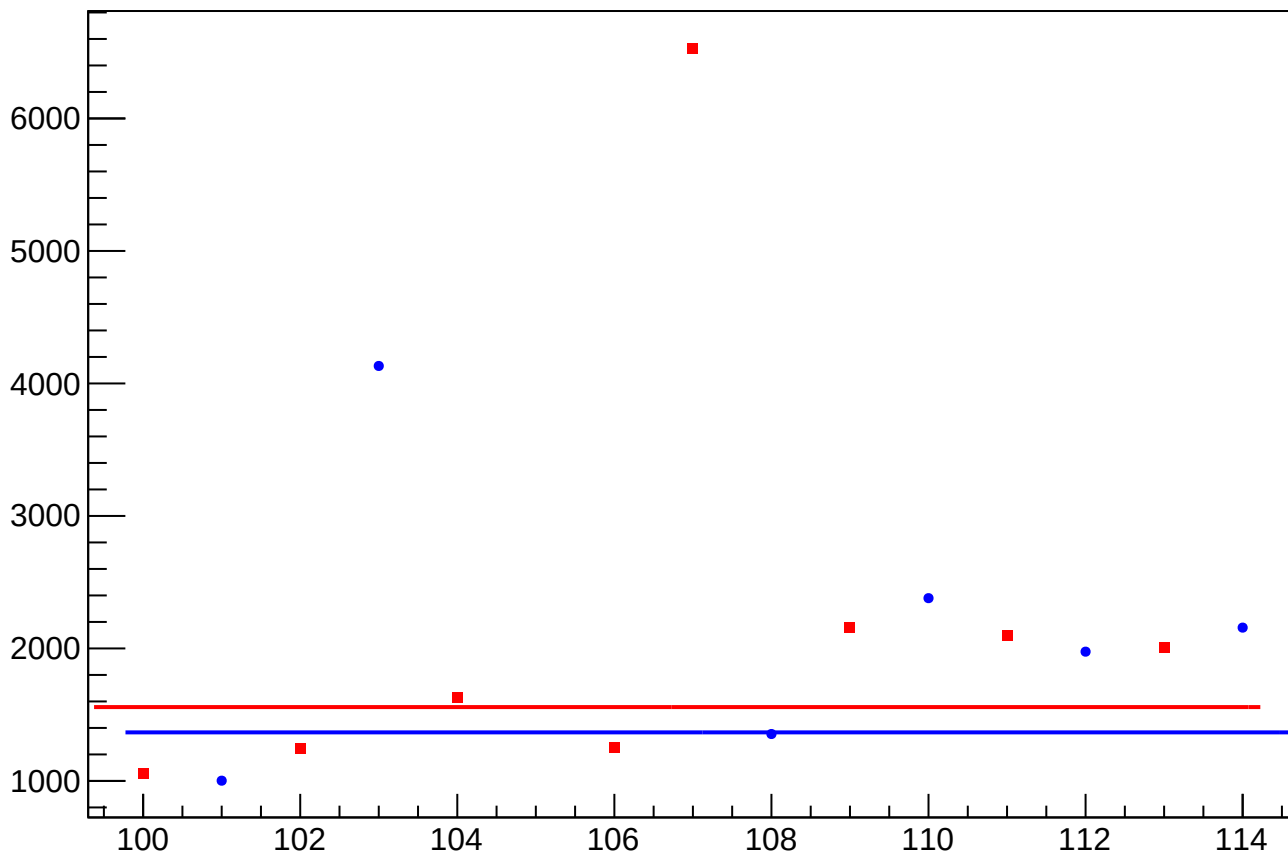
Right: -1089.754+/-679.194 χ^2/NDF : 13.3/13

In: -1057.541+/-947.462 χ^2/NDF :4.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1089.754+/-679.194 χ^2/NDF : 13.3/13

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

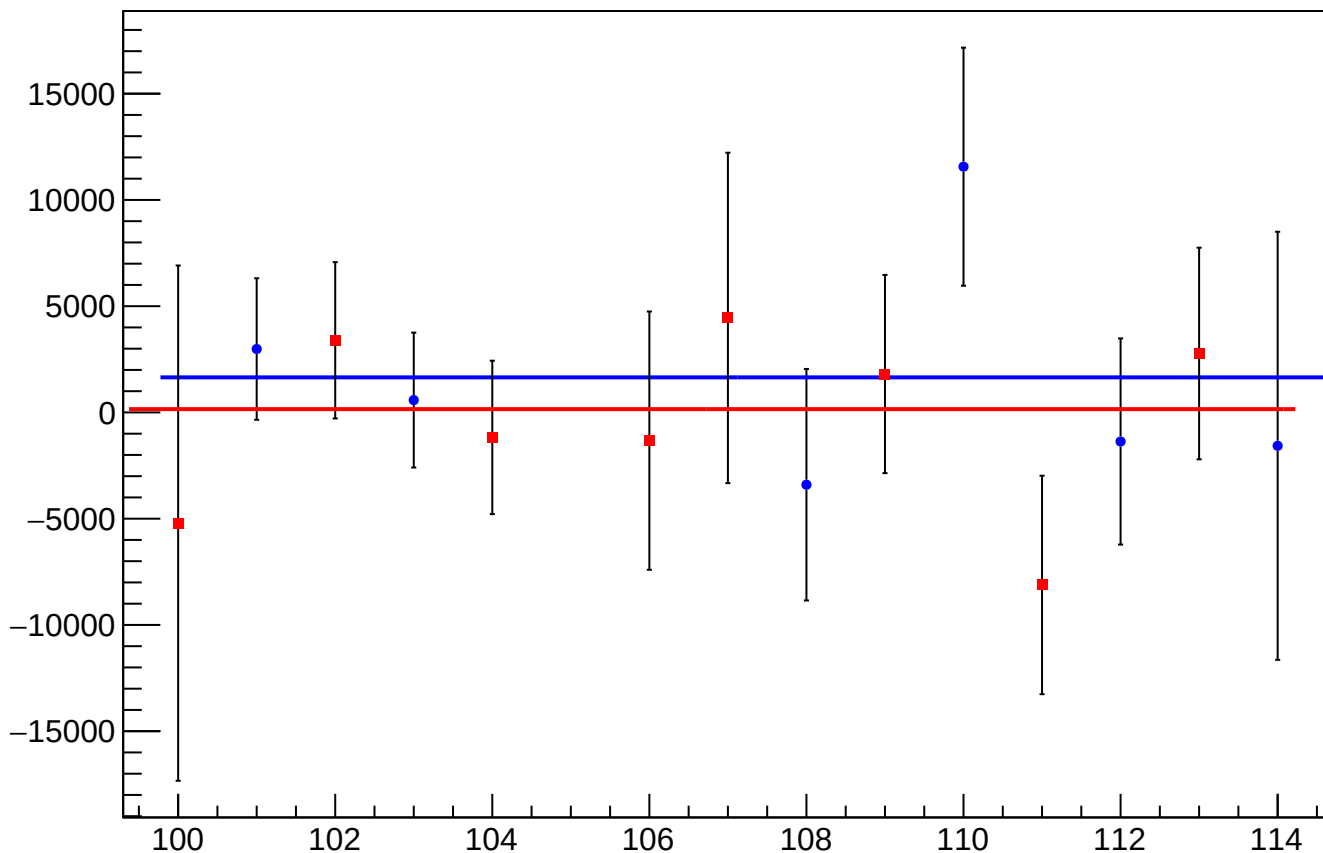
Right: 1459.308+/-0.480 χ^2/NDF : 1502546.3/13

In: 1366.500+/-0.670 χ^2/NDF : 857885.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.308+/-0.480 χ^2/NDF : 1502546.3/13

cor_asym_atl1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

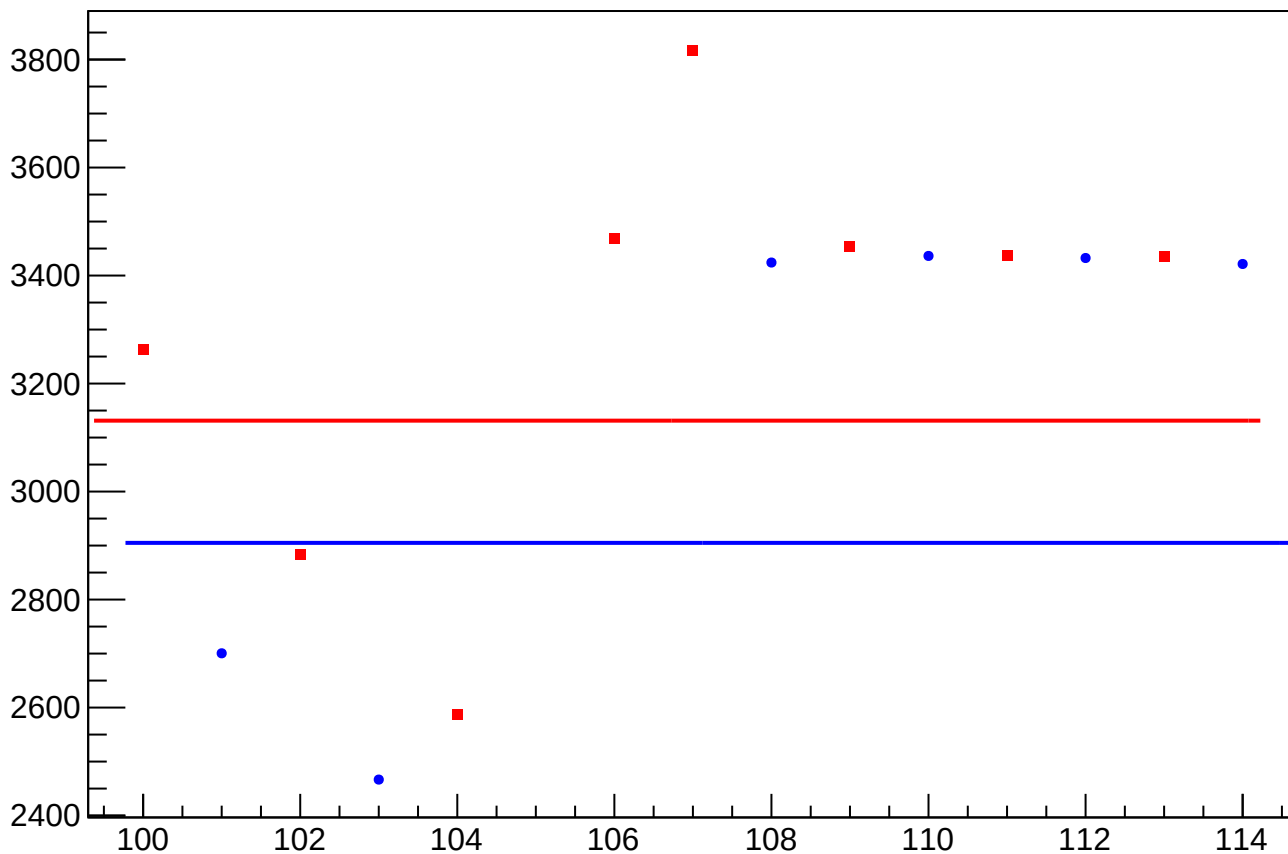
Right: 881.674+/-1257.352 χ^2/NDF : 9.6/13

In: 1650.122+/-1803.769 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.674+/-1257.352 χ^2/NDF : 9.6/13

cor_asym_atl1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

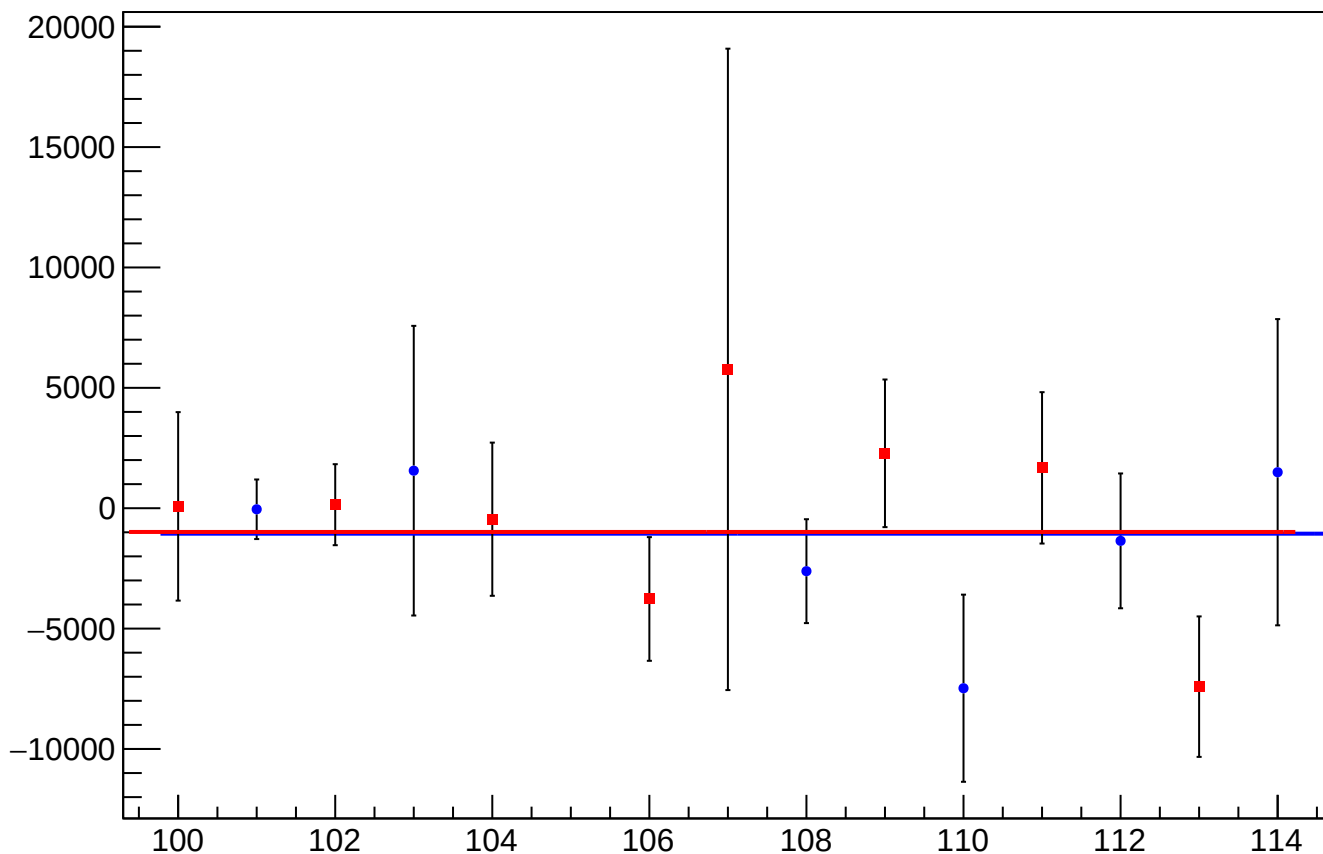
Right: 3021.344+/-0.889 χ^2/NDF : 227369.1/13

In: 2904.991+/-1.275 χ^2/NDF : 110758.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3021.344+/-0.889 χ^2/NDF : 227369.1/13

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -1057.527+/-947.455 χ^2/NDF : 4.3/5

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

Right Out: -985.903+/-1000.188 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

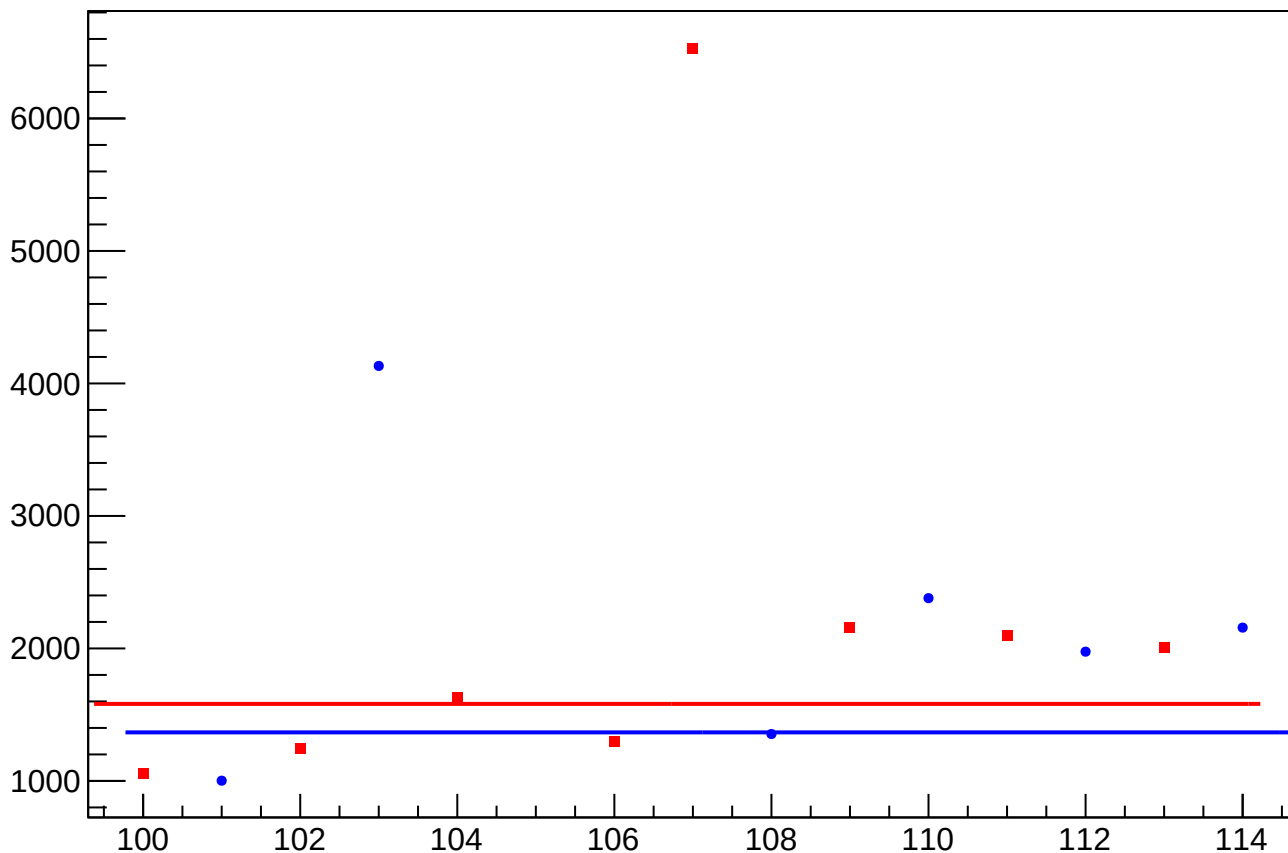
Right: -1023.653+/-687.839 χ^2/NDF : 13.0/13

In: -1057.527+/-947.455 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.653+/-687.839 χ^2/NDF : 13.0/13

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

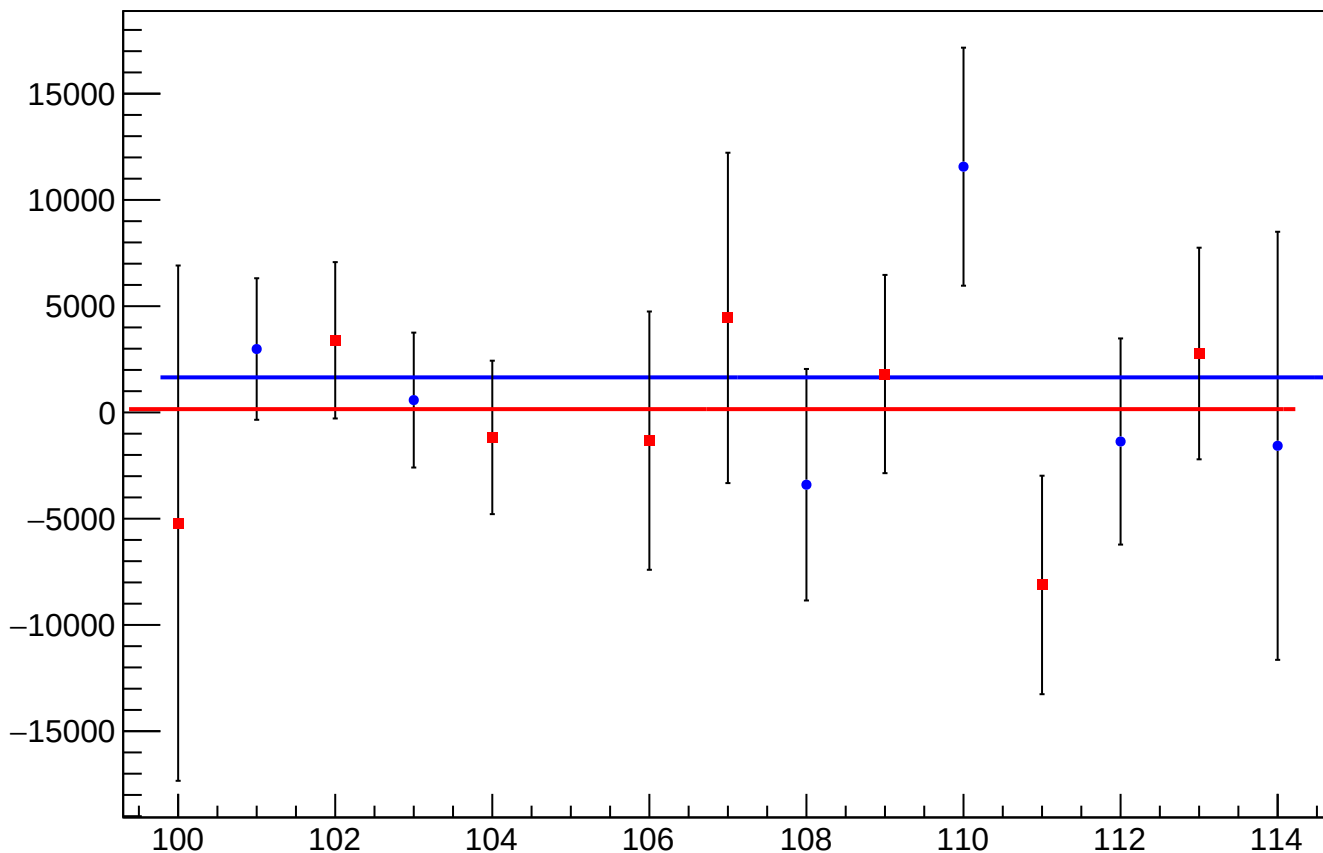
Right: 1468.166+/-0.486 χ^2/NDF : 1492042.7/13

In: 1366.481+/-0.670 χ^2/NDF : 857895.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.166+/-0.486 χ^2/NDF : 1492042.7/13

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

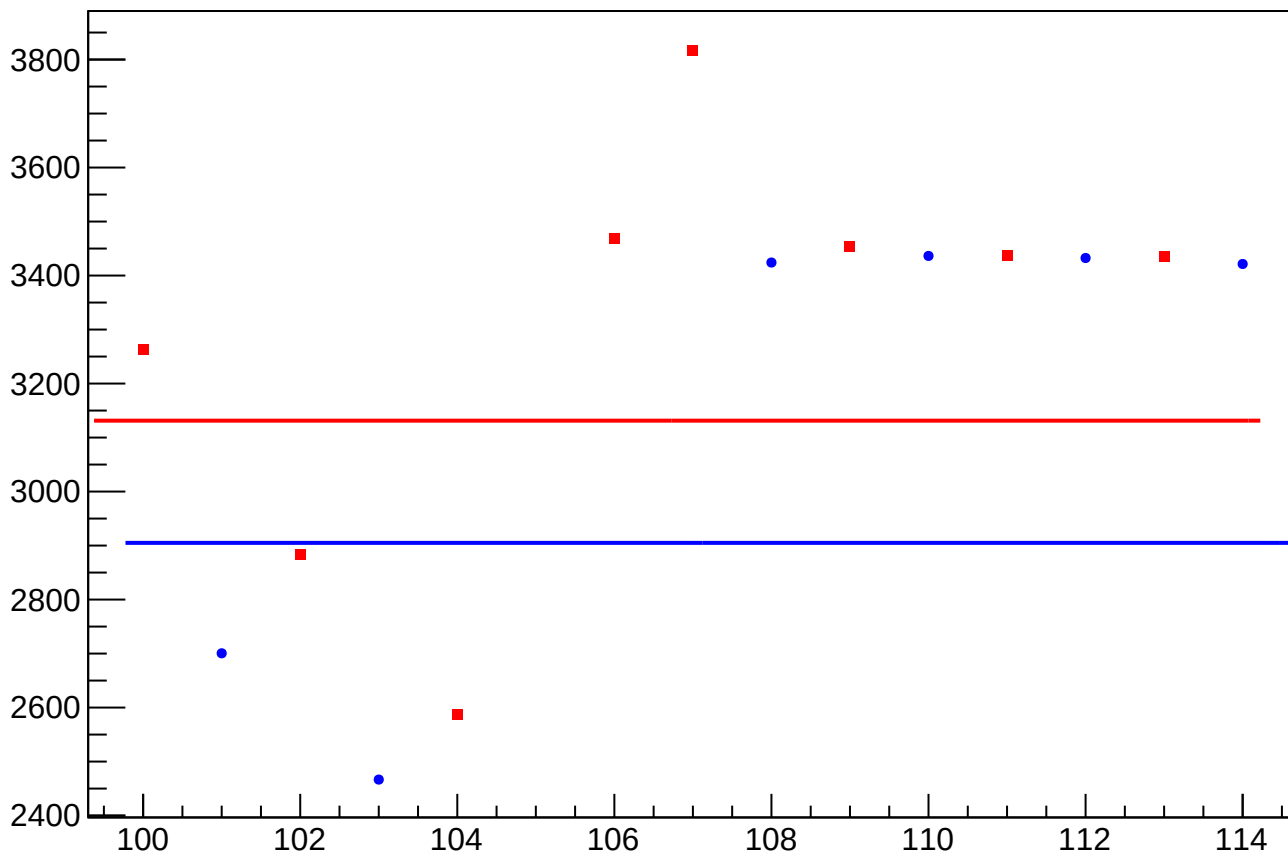
Right: 881.674+/-1257.352 χ^2/NDF : 9.6/13

In: 1650.122+/-1803.769 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.674+/-1257.352 χ^2/NDF : 9.6/13

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

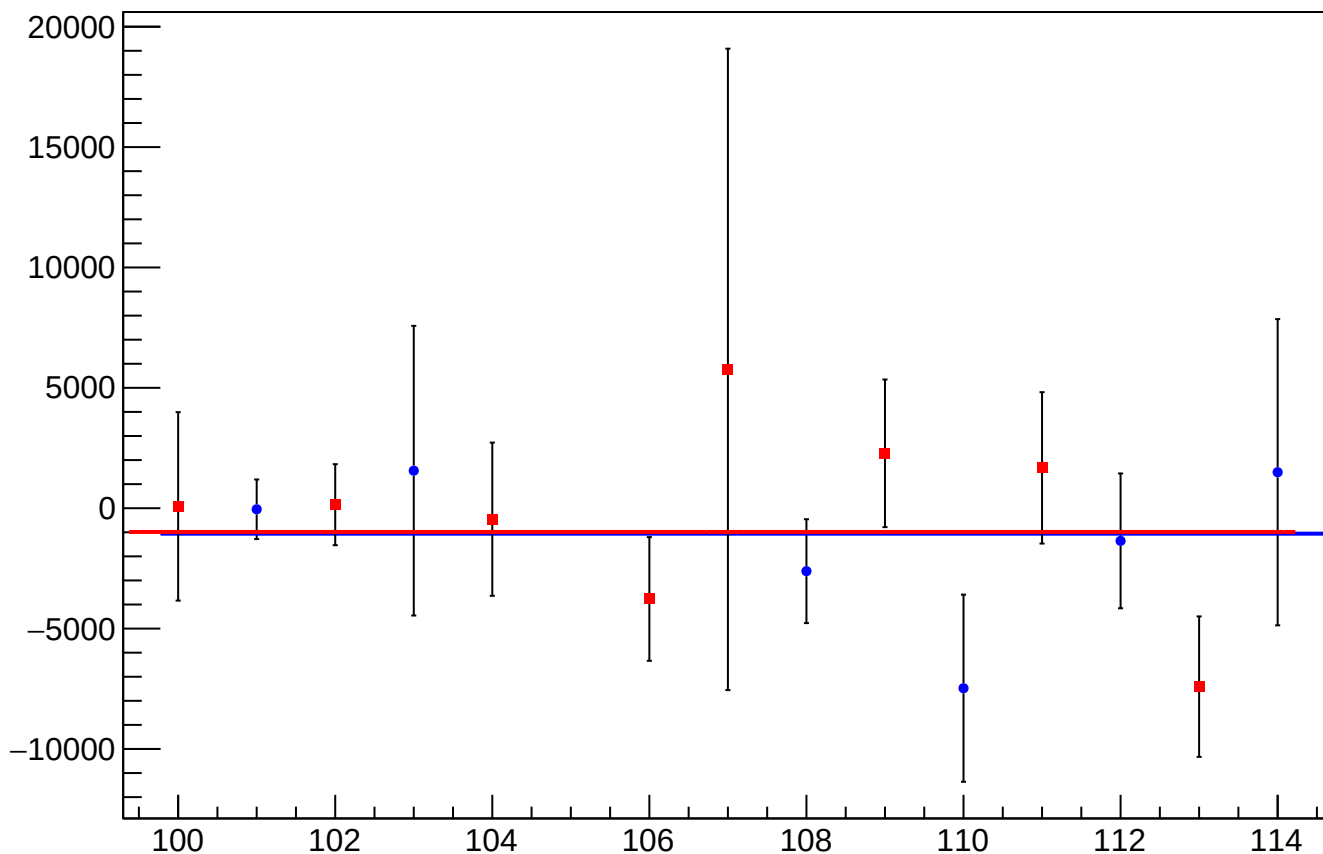
Right: 3021.344+/-0.889 χ^2/NDF : 227369.1/13

In: 2904.991+/-1.275 χ^2/NDF : 110758.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3021.344+/-0.889 χ^2/NDF : 227369.1/13

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1057.527+/-947.455 χ^2/NDF : 4.3/5

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

Right Out: -985.903+/-1000.188 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

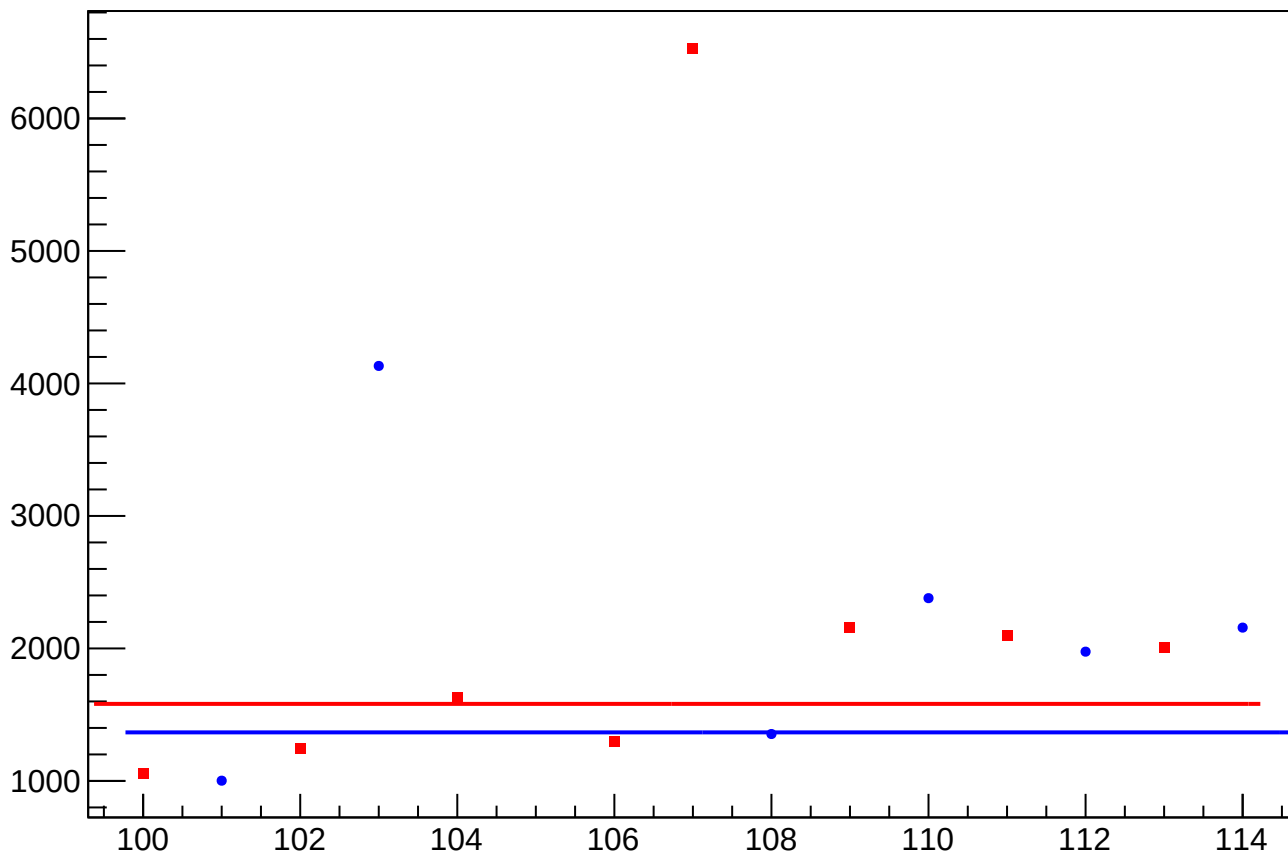
Right: -1023.653+/-687.839 χ^2/NDF : 13.0/13

In: -1057.527+/-947.455 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.653+/-687.839 χ^2/NDF : 13.0/13

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

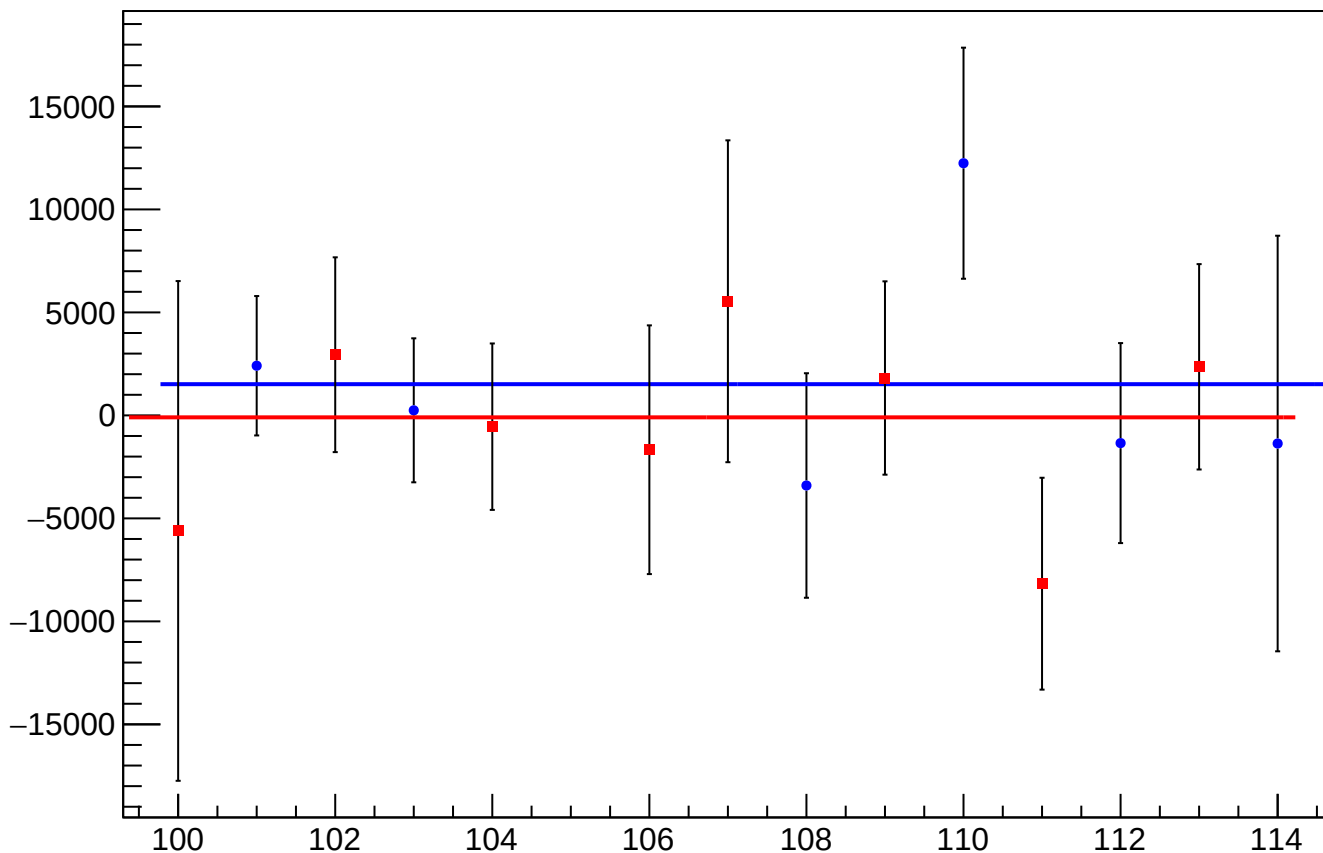
Right: 1468.166+/-0.486 χ^2/NDF : 1492042.7/13

In: 1366.481+/-0.670 χ^2/NDF : 857895.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.166+/-0.486 χ^2/NDF : 1492042.7/13

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

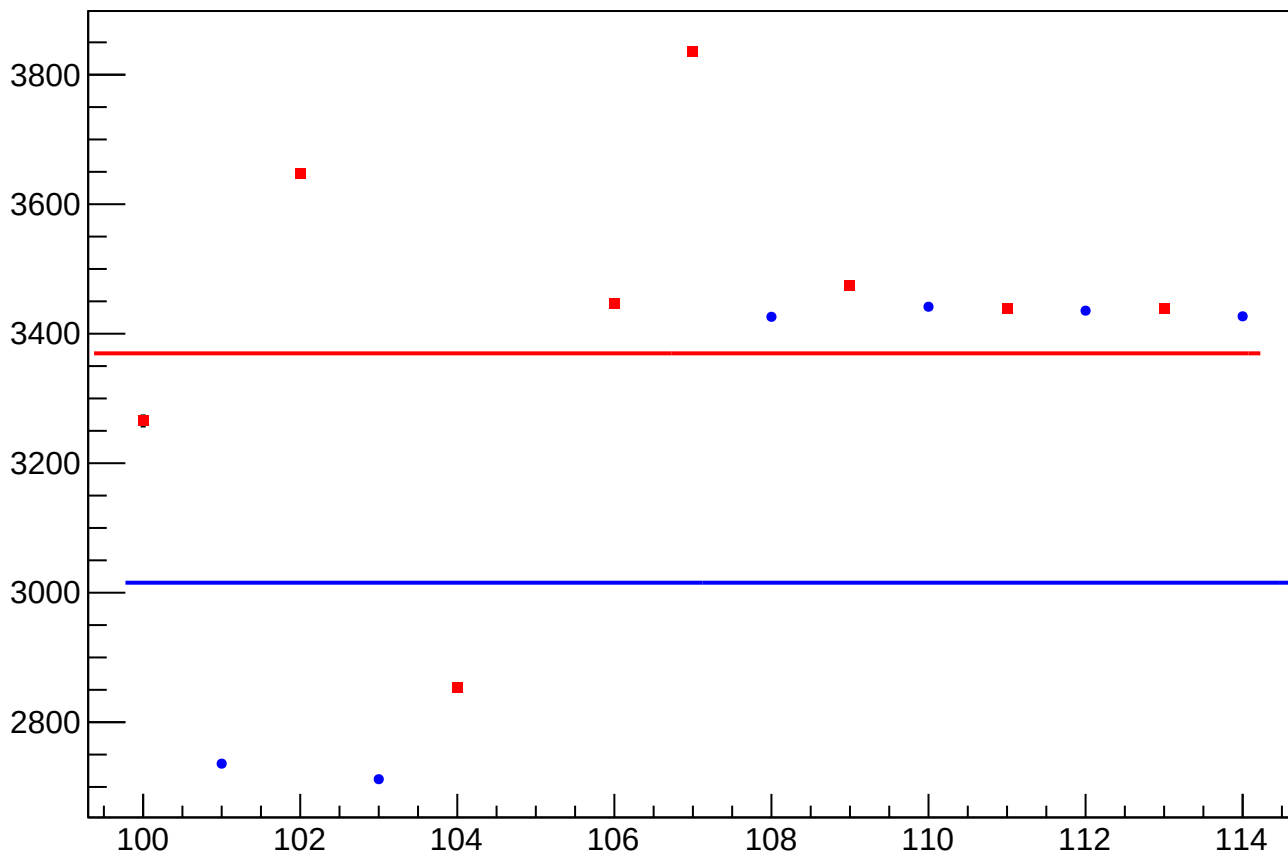
Right: 719.940+/-1328.179 χ^2/NDF : 9.6/13

In: 1515.431+/-1867.147 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.940+/-1328.179 χ^2/NDF : 9.6/13

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 3015.446+/-1.320 χ^2/NDF : 69917.9/5

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

Right Out: 3369.678+/-1.336 χ^2/NDF : 48980.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

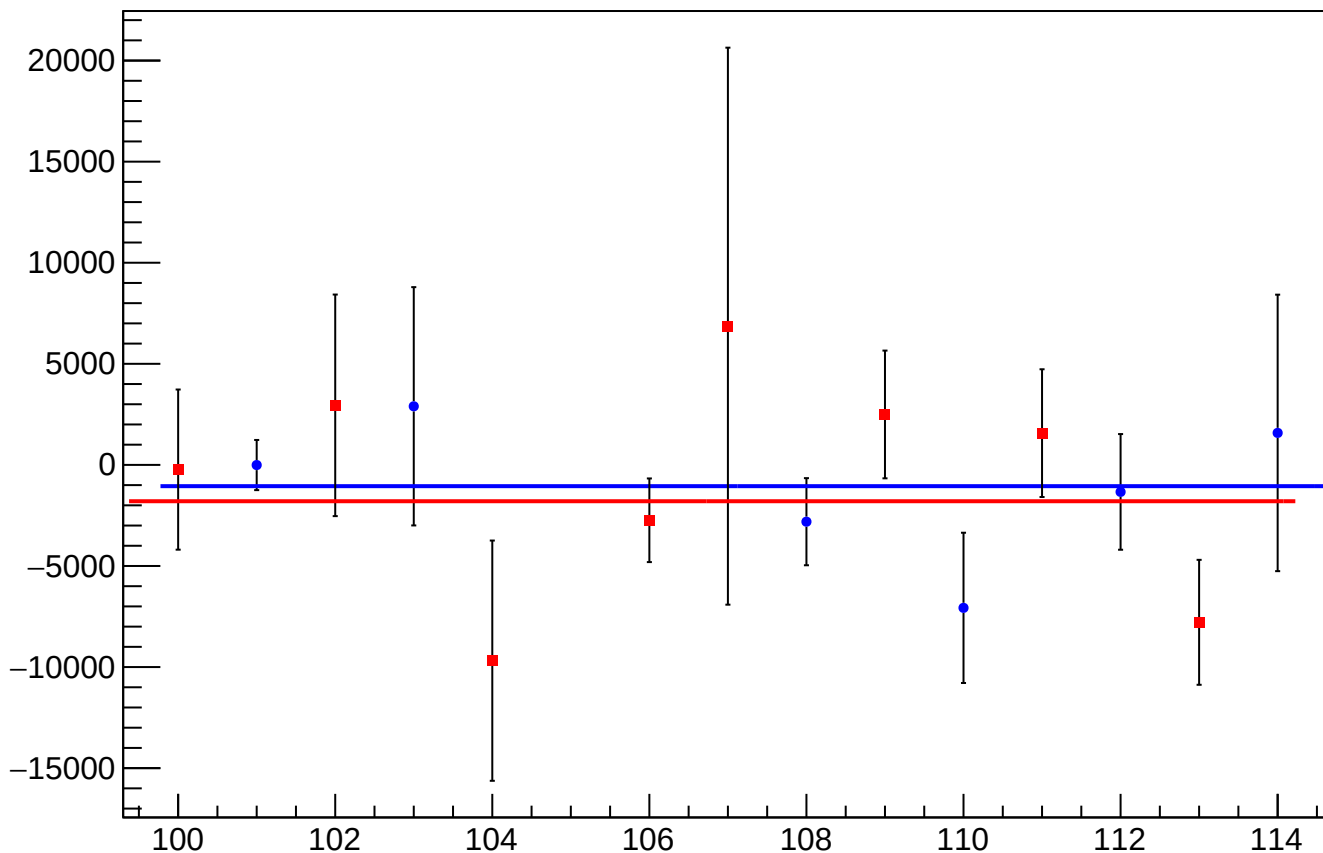
Right: 3190.434+/-0.939 χ^2/NDF : 154459.0/13

In: 3015.446+/-1.320 χ^2/NDF : 69917.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3190.434+/-0.939 χ^2/NDF : 154459.0/13

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

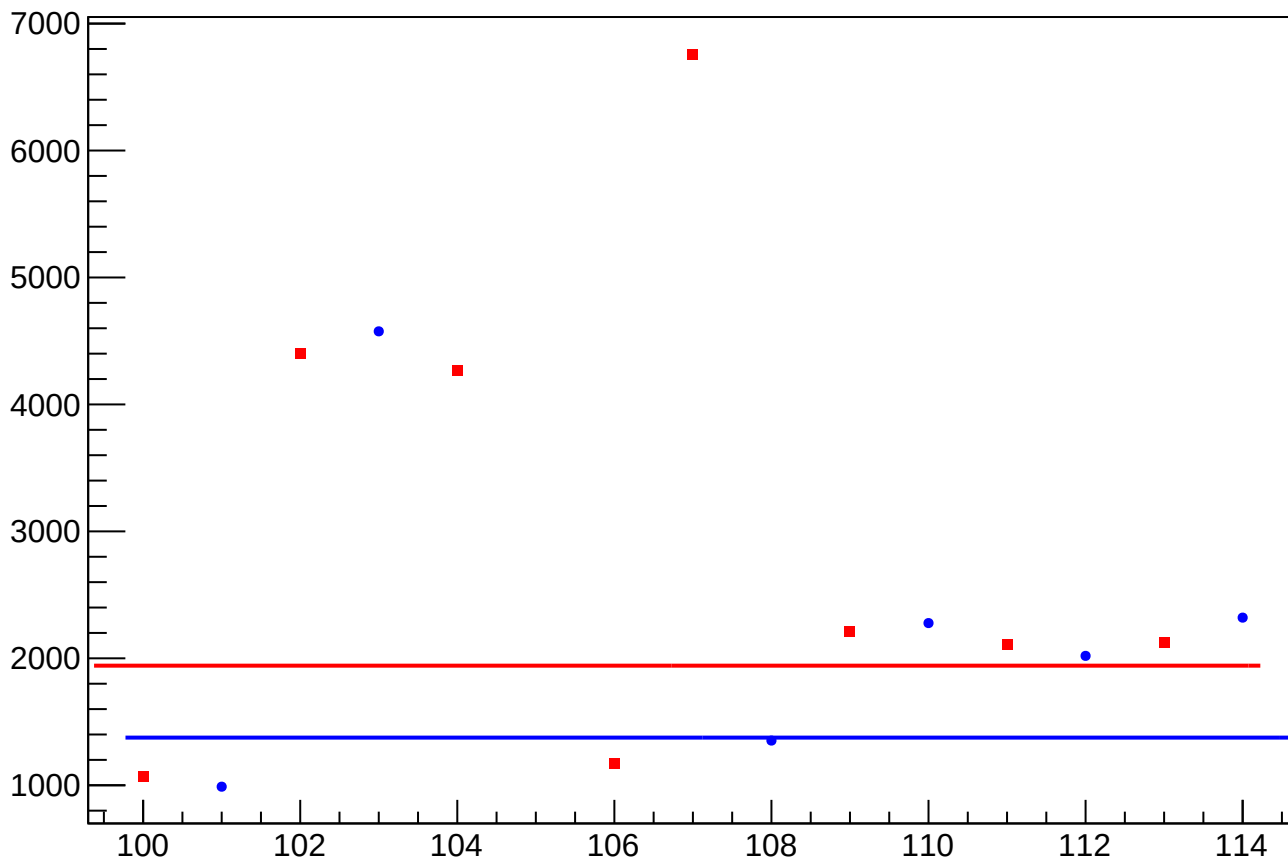
Right: -1332.243+/-749.651 χ^2/NDF : 14.8/13

In: -1051.945+/-949.122 χ^2/NDF :4.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1332.243+/-749.651 χ^2/NDF : 14.8/13

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1375.482+/-0.671 χ^2/NDF : 1041627.6/5

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

Right Out: 1942.207+/-0.864 χ^2/NDF : 1354820.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

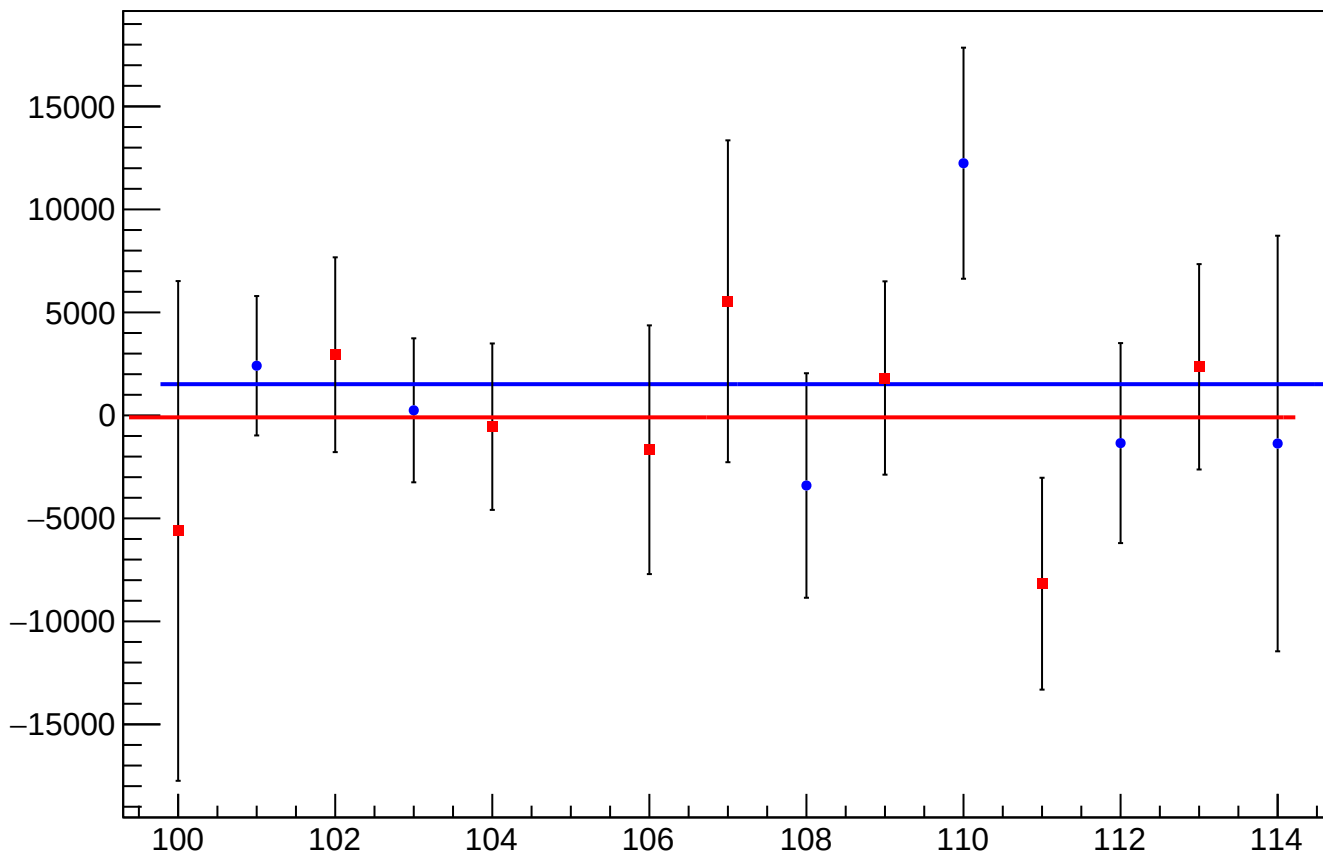
Right: 1588.661+/-0.530 χ^2/NDF : 2664675.5/13

In: 1375.482+/-0.671 χ^2/NDF : 1041627.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.661+/-0.530 χ^2/NDF : 2664675.5/13

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1515.424+/-1867.145 χ^2/NDF : 5.1/5

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

Right Out: -94.902+/-1889.712 χ^2/NDF : 4.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

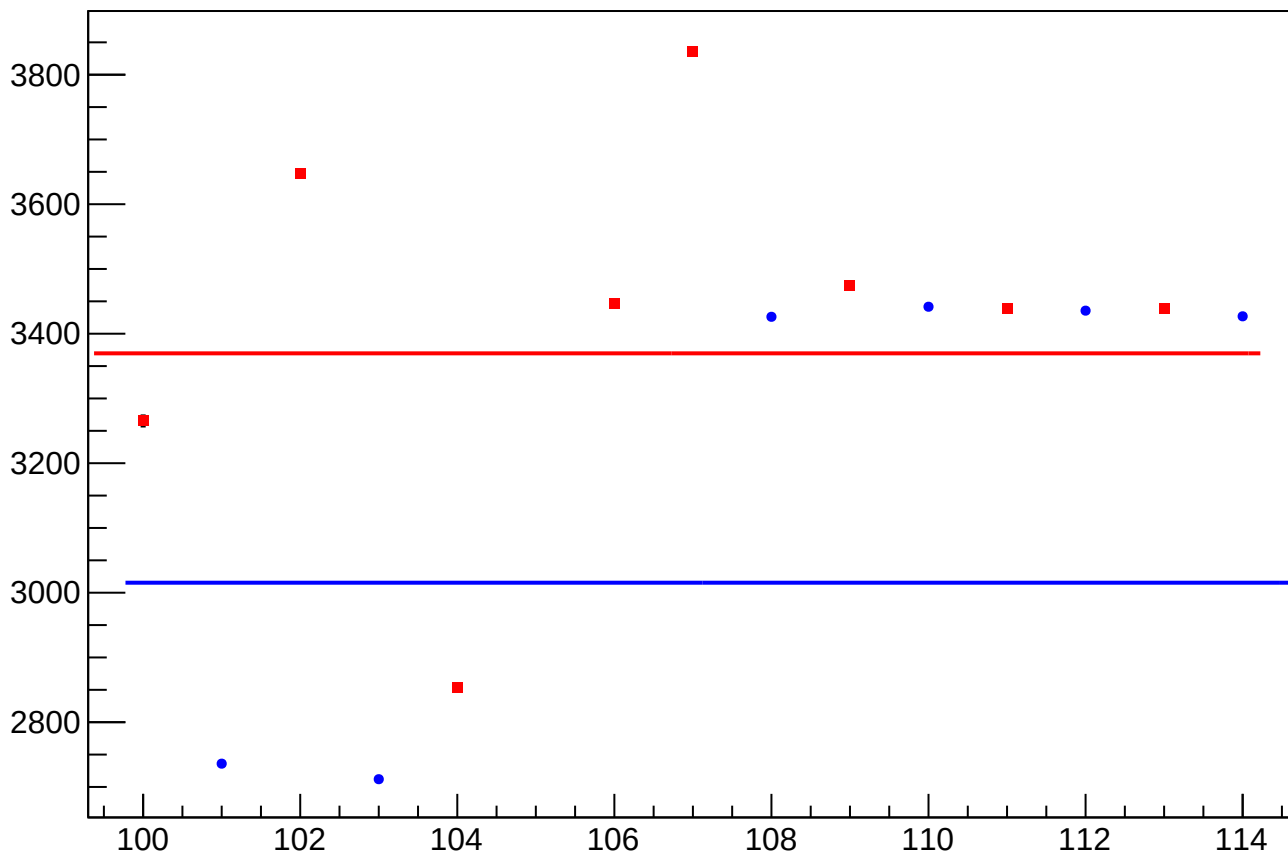
Right: 719.934+/-1328.178 χ^2/NDF : 9.6/13

In: 1515.424+/-1867.145 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.934+/-1328.178 χ^2/NDF : 9.6/13

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

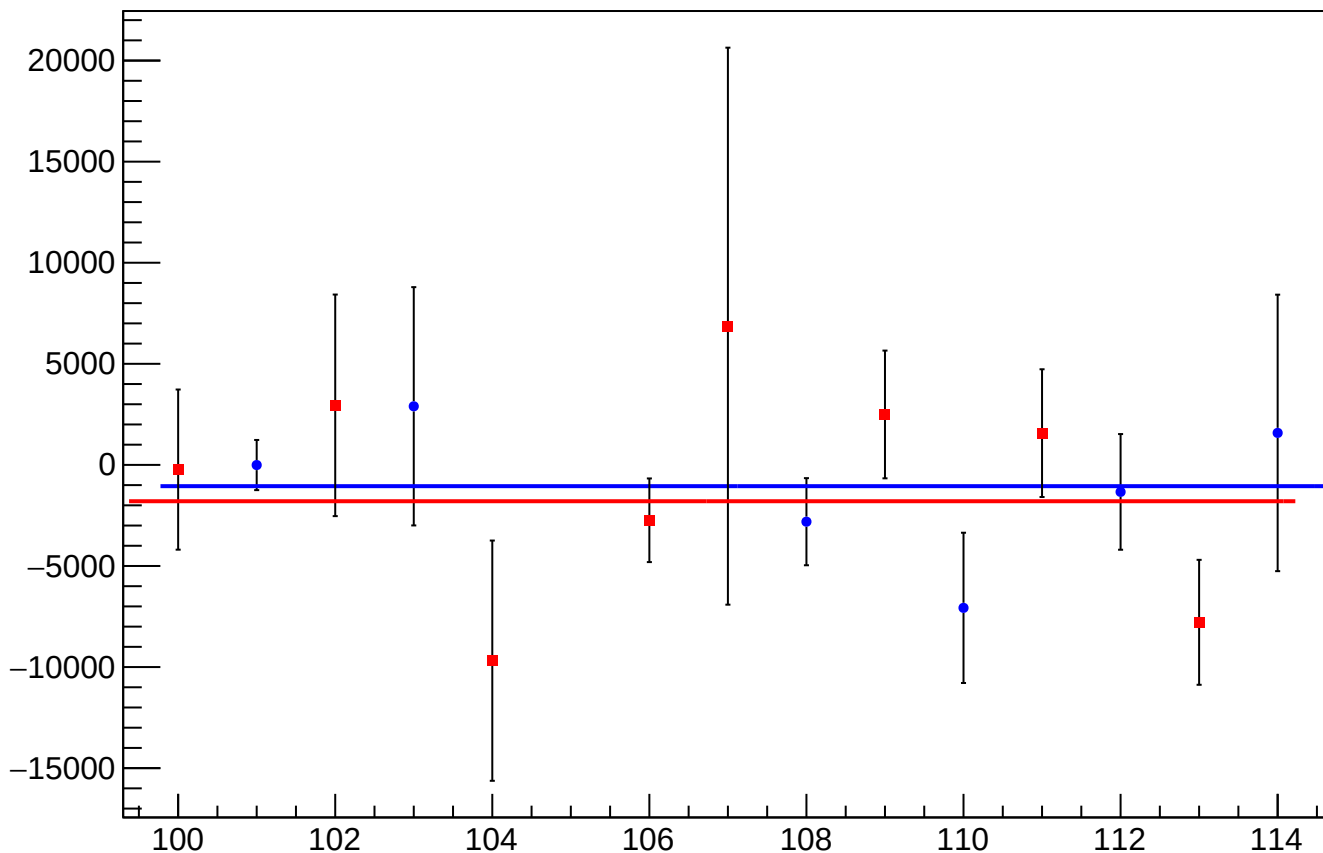
Right: 3190.432+/-0.939 χ^2/NDF : 154460.3/13

In: 3015.444+/-1.320 χ^2/NDF : 69918.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3190.432+/-0.939 χ^2/NDF : 154460.3/13

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

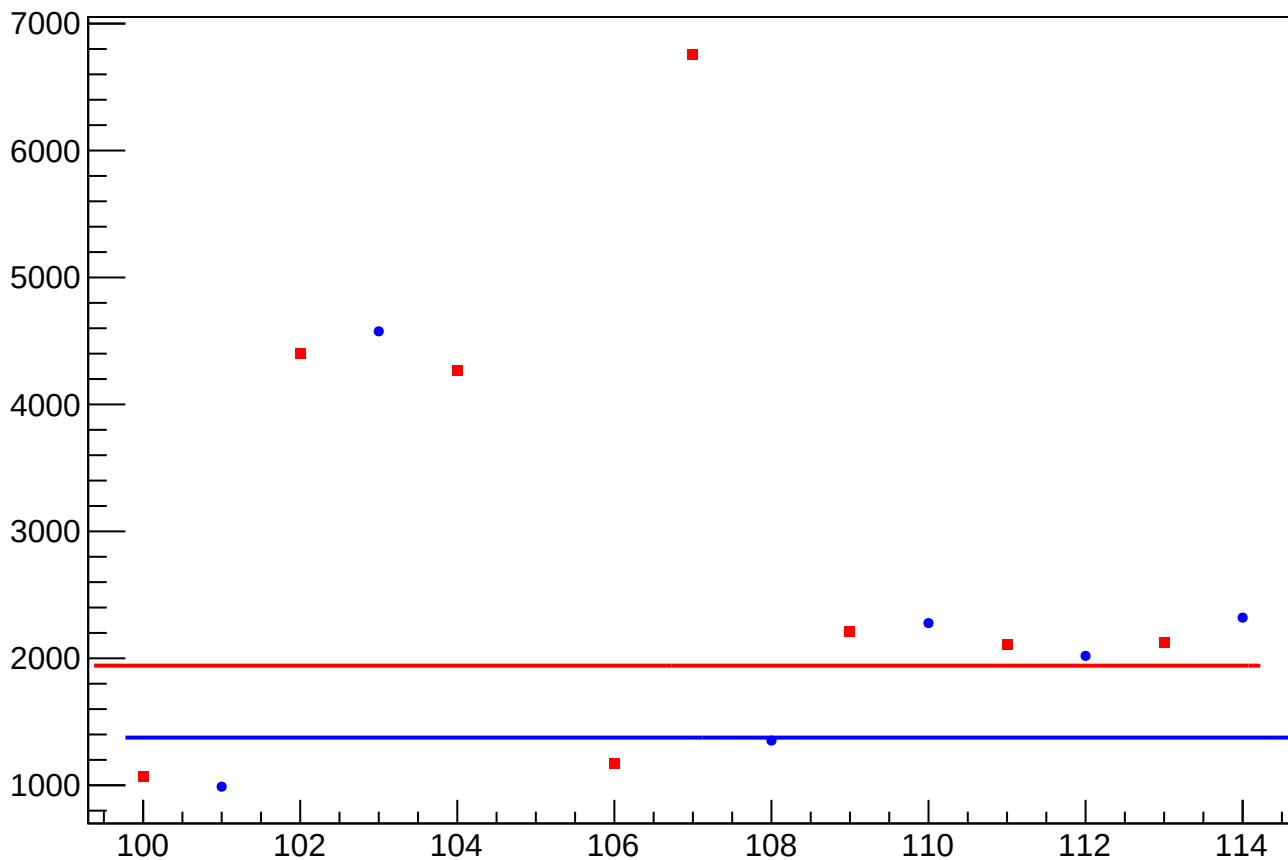
Right: -1332.245+/-749.650 χ^2/NDF : 14.8/13

In: -1051.951+/-949.122 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1332.245+/-749.650 χ^2/NDF : 14.8/13

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

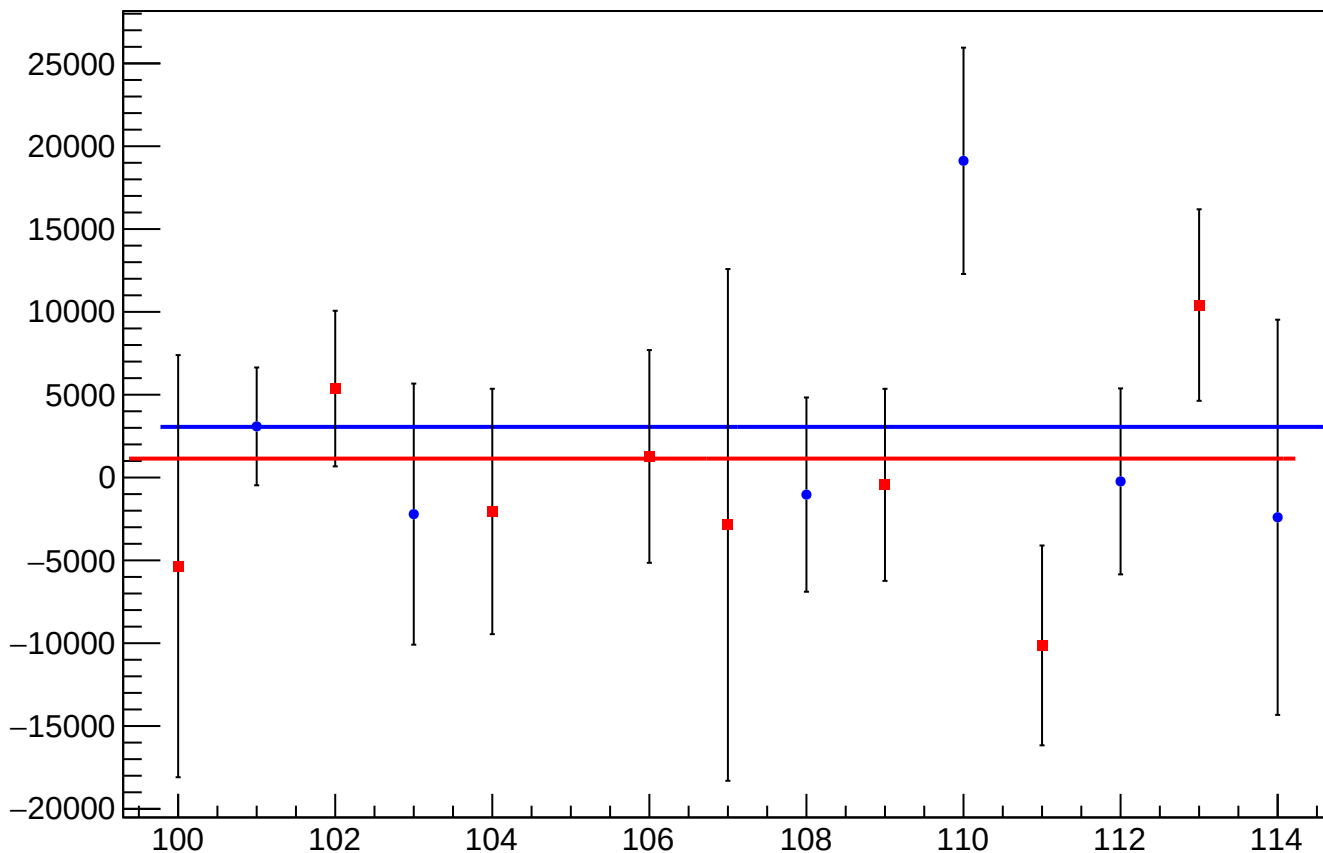
Right: 1588.660+/-0.530 χ^2/NDF : 2664679.3/13

In: 1375.481+/-0.671 χ^2/NDF : 1041628.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.660+/-0.530 χ^2/NDF : 2664679.3/13

asym_atl1_mean vs Slug, Sign Corrected



Right In: 3058.421+/-2328.201 χ^2/NDF : 7.0/5

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

Right Out: 1144.306+/-2322.838 χ^2/NDF : 7.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

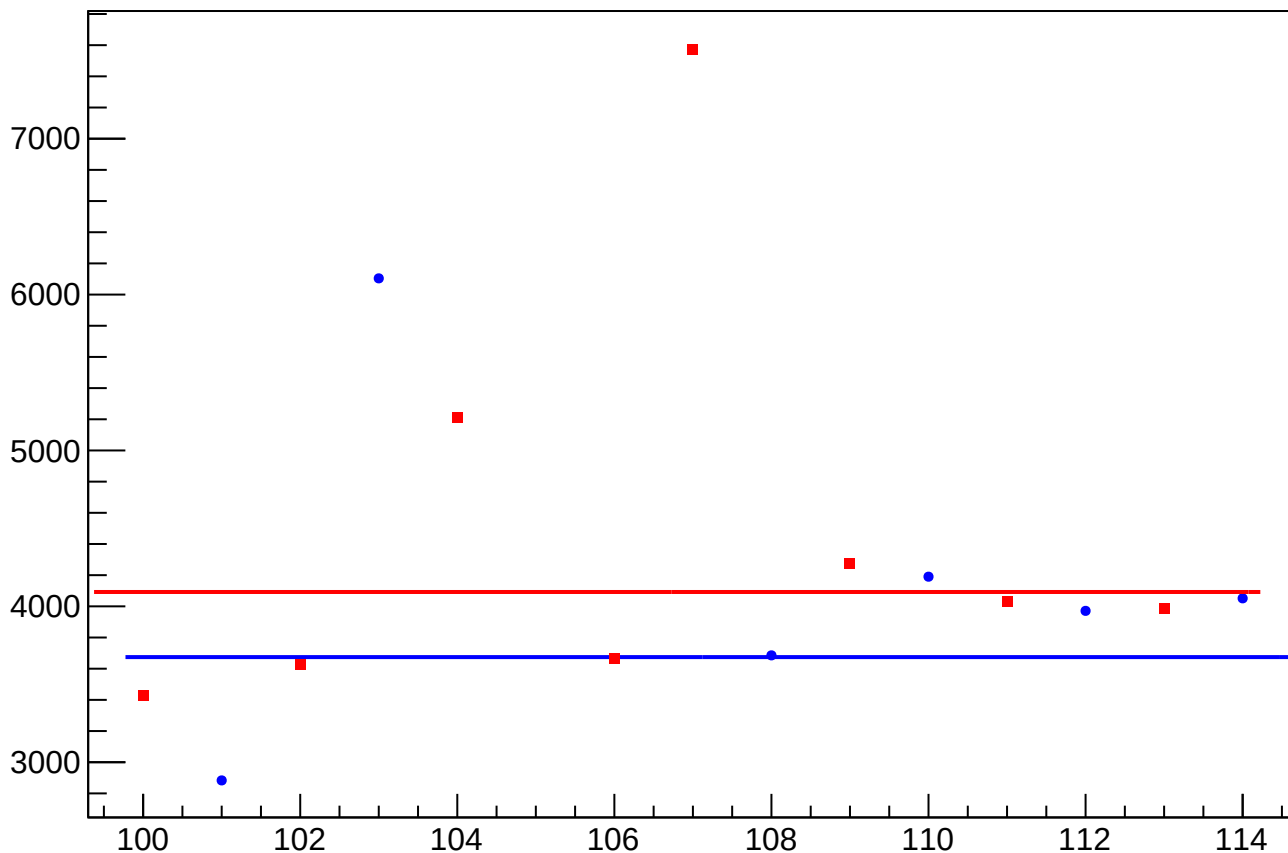
Right: 2099.157+/-1644.387 χ^2/NDF : 14.8/13

In: 3058.421+/-2328.201 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2099.157+/-1644.387 χ^2/NDF : 14.8/13

asym_atl1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

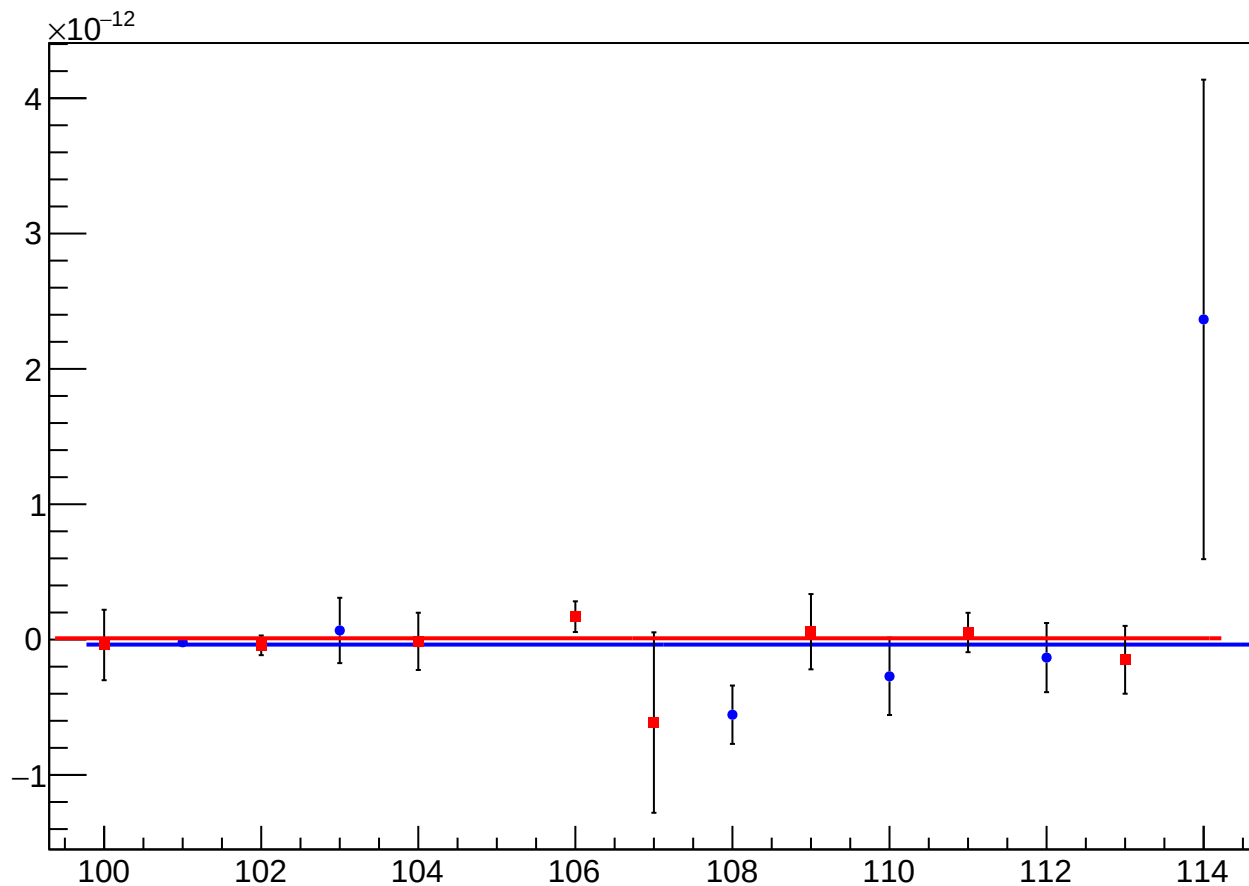
Right: 3883.727+/-1.163 χ^2/NDF : 524483.8/13

In: 3674.386+/-1.646 χ^2/NDF : 308101.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3883.727+/-1.163 χ^2/NDF : 524483.8/13

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

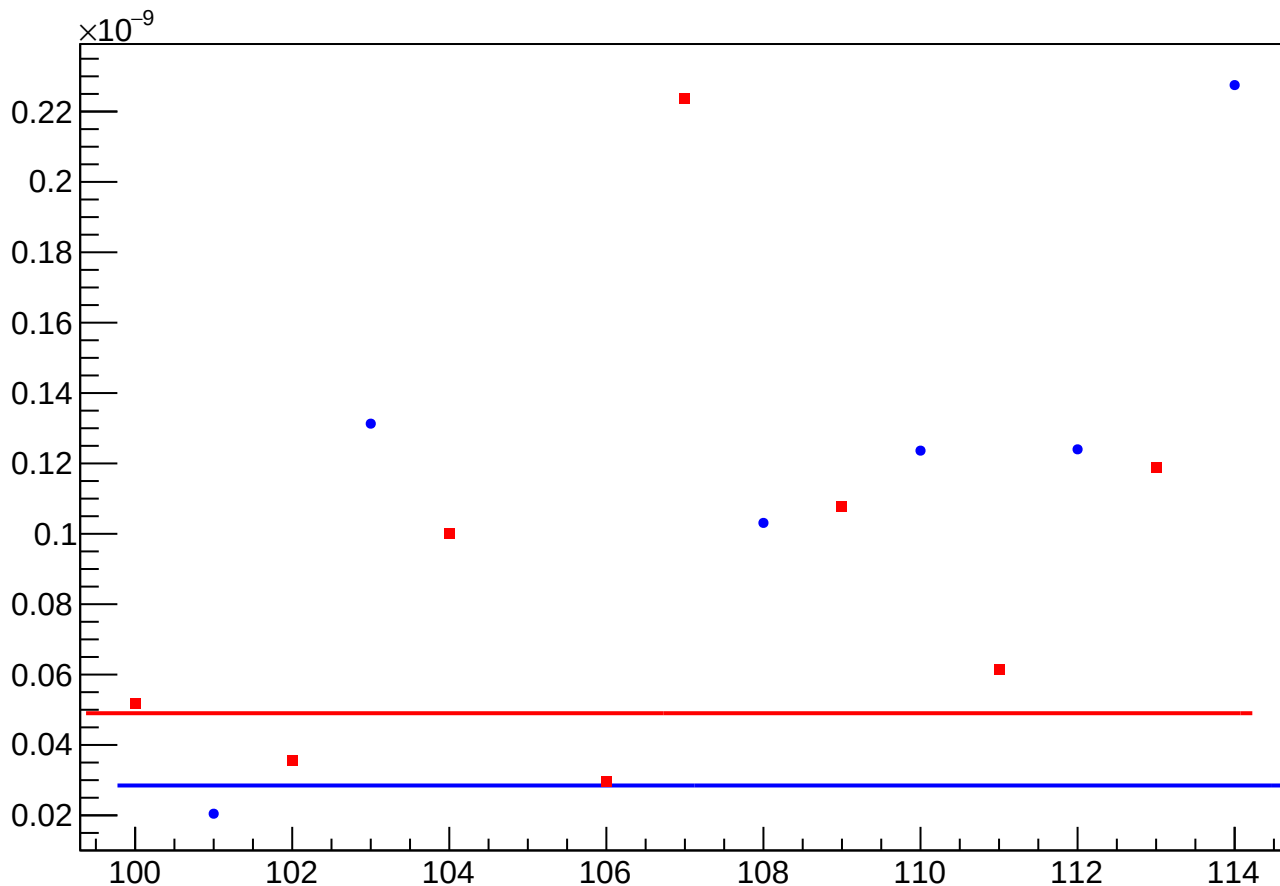
Right: -0.000+/-0.000 χ^2 /NDF: 13.3/13

In: -0.000+/-0.000 χ^2 /NDF:8.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.3/13

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

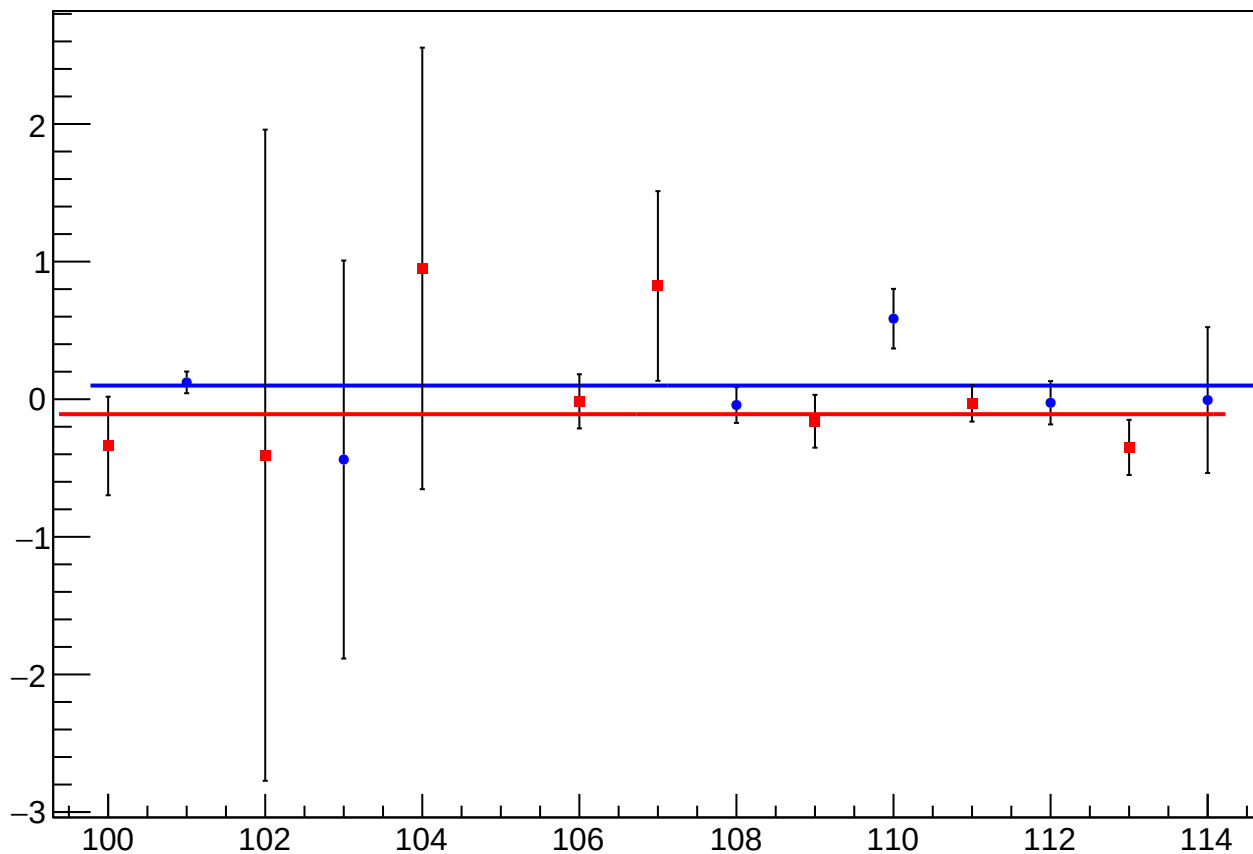
Right: 0.000+/-0.000 χ^2/NDF : 2086858.5/13

In: 0.000+/-0.000 χ^2/NDF : 1226421.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2086858.5/13

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.099+/-0.059 χ^2/NDF : 7.1/5

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

Right Out: -0.109+/-0.083 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

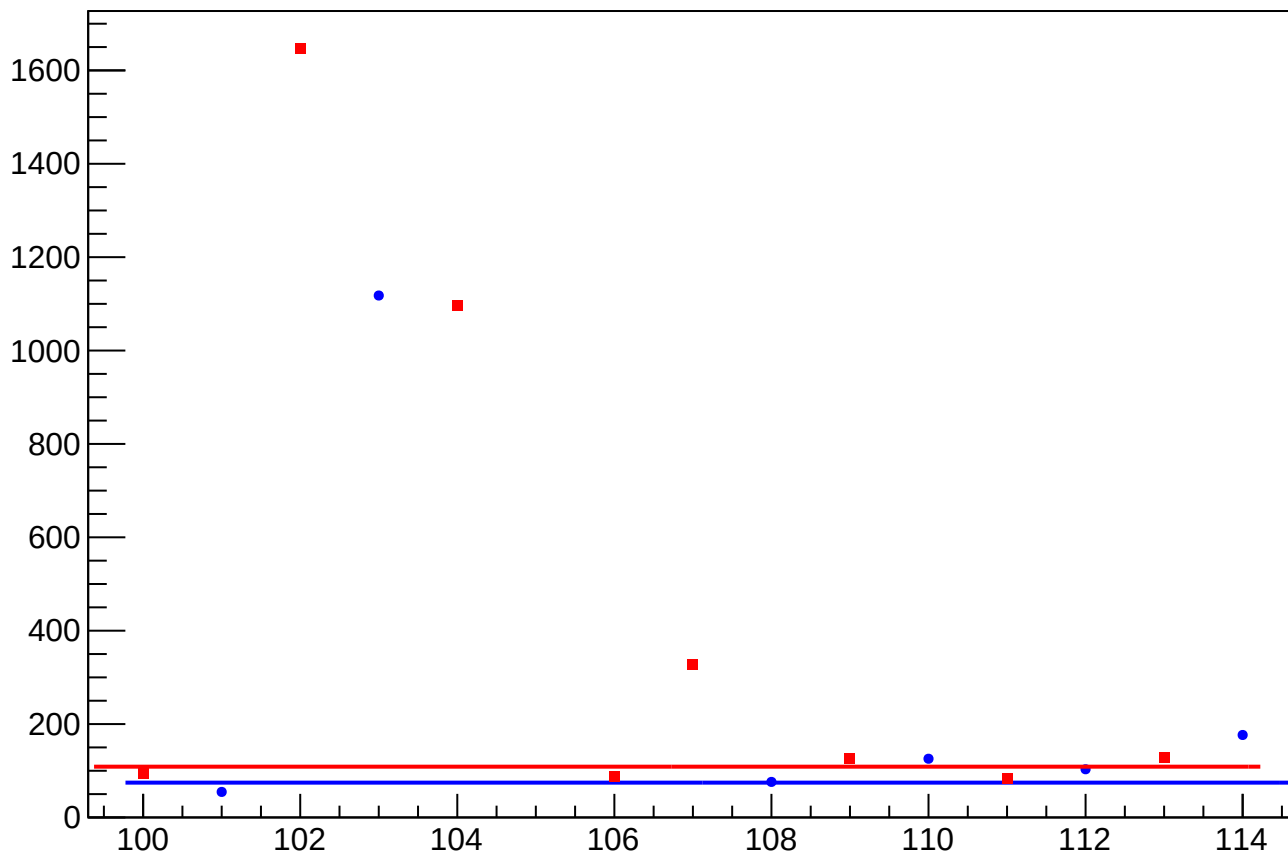
Right: 0.029+/-0.048 χ^2/NDF : 16.1/13

In: 0.099+/-0.059 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.048 χ^2/NDF : 16.1/13

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

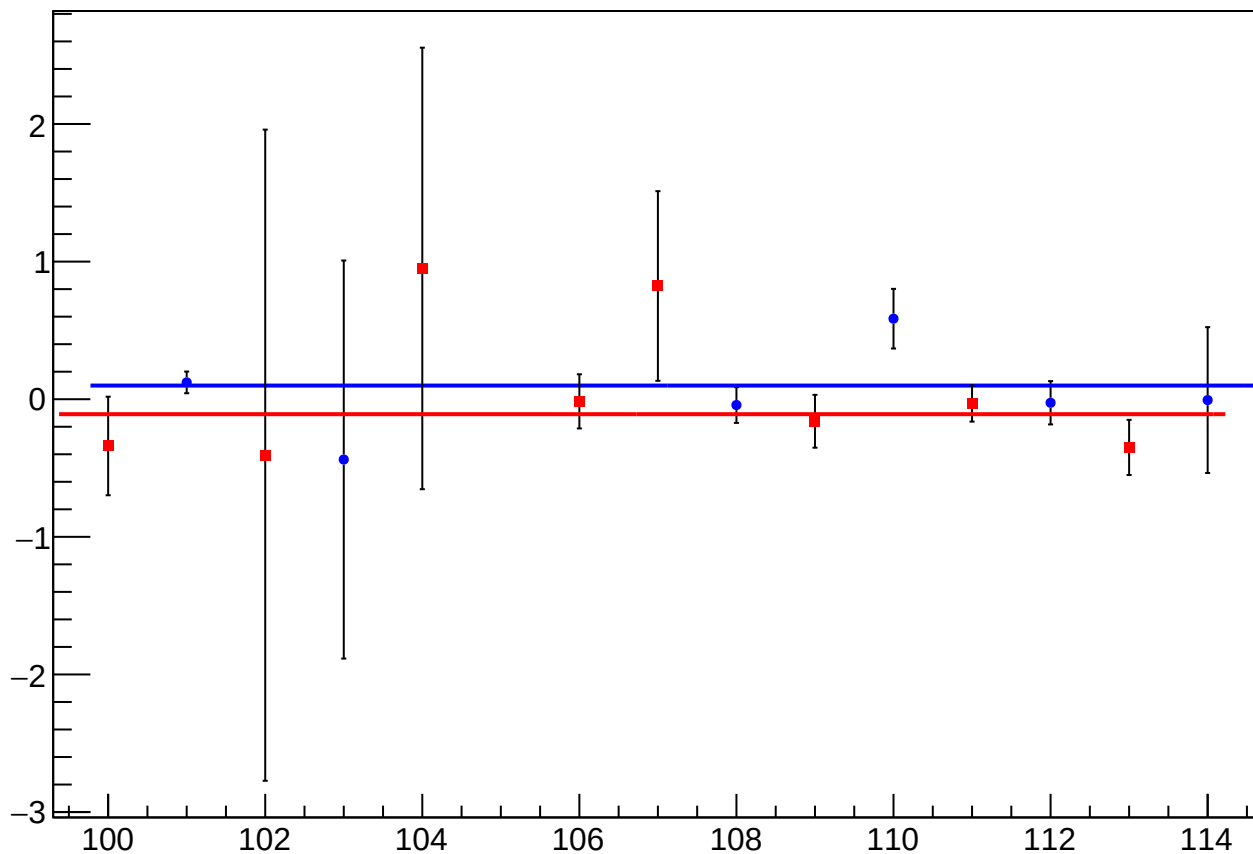
Right: 86.133+/-0.034 χ^2/NDF : 3581798.9/13

In: 74.571+/-0.042 χ^2/NDF : 1420397.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.133+/-0.034 χ^2/NDF : 3581798.9/13

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.099+/-0.059 χ^2/NDF : 7.1/5

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

Right Out: -0.109+/-0.083 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

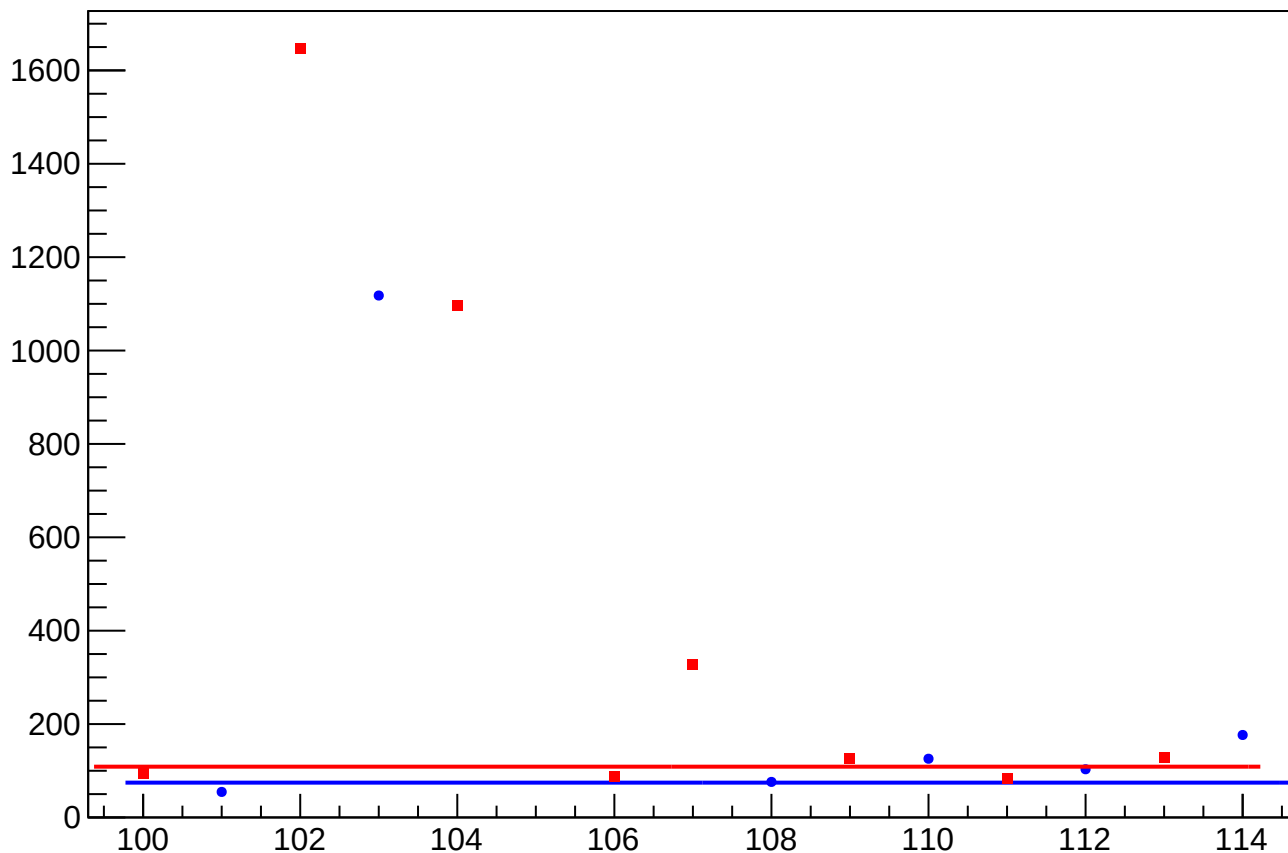
Right: 0.029+/-0.048 χ^2/NDF : 16.1/13

In: 0.099+/-0.059 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.048 χ^2/NDF : 16.1/13

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

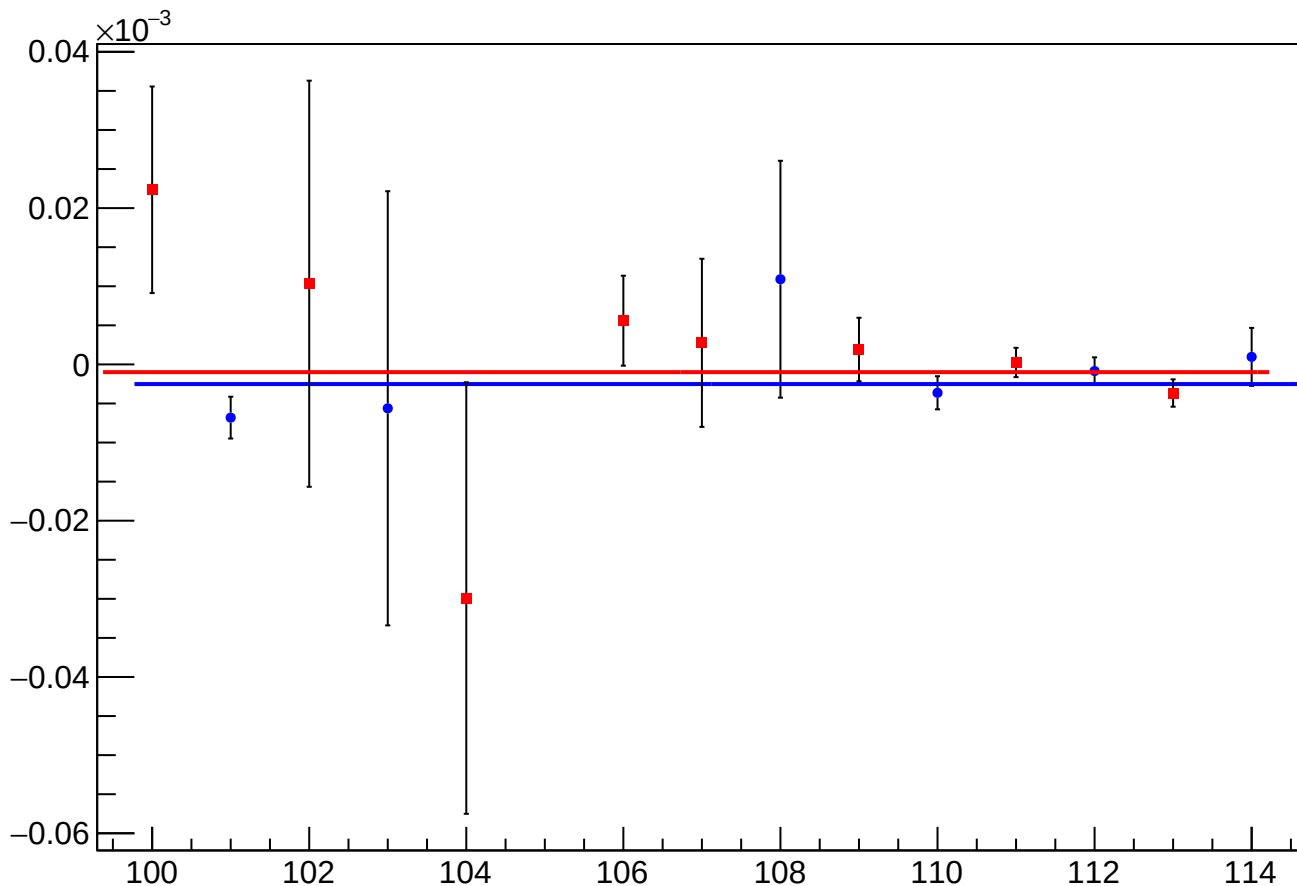
Right: 86.133+/-0.034 χ^2/NDF : 3581798.9/13

In: 74.571+/-0.042 χ^2/NDF : 1420397.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.133+/-0.034 χ^2/NDF : 3581798.9/13

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 9.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

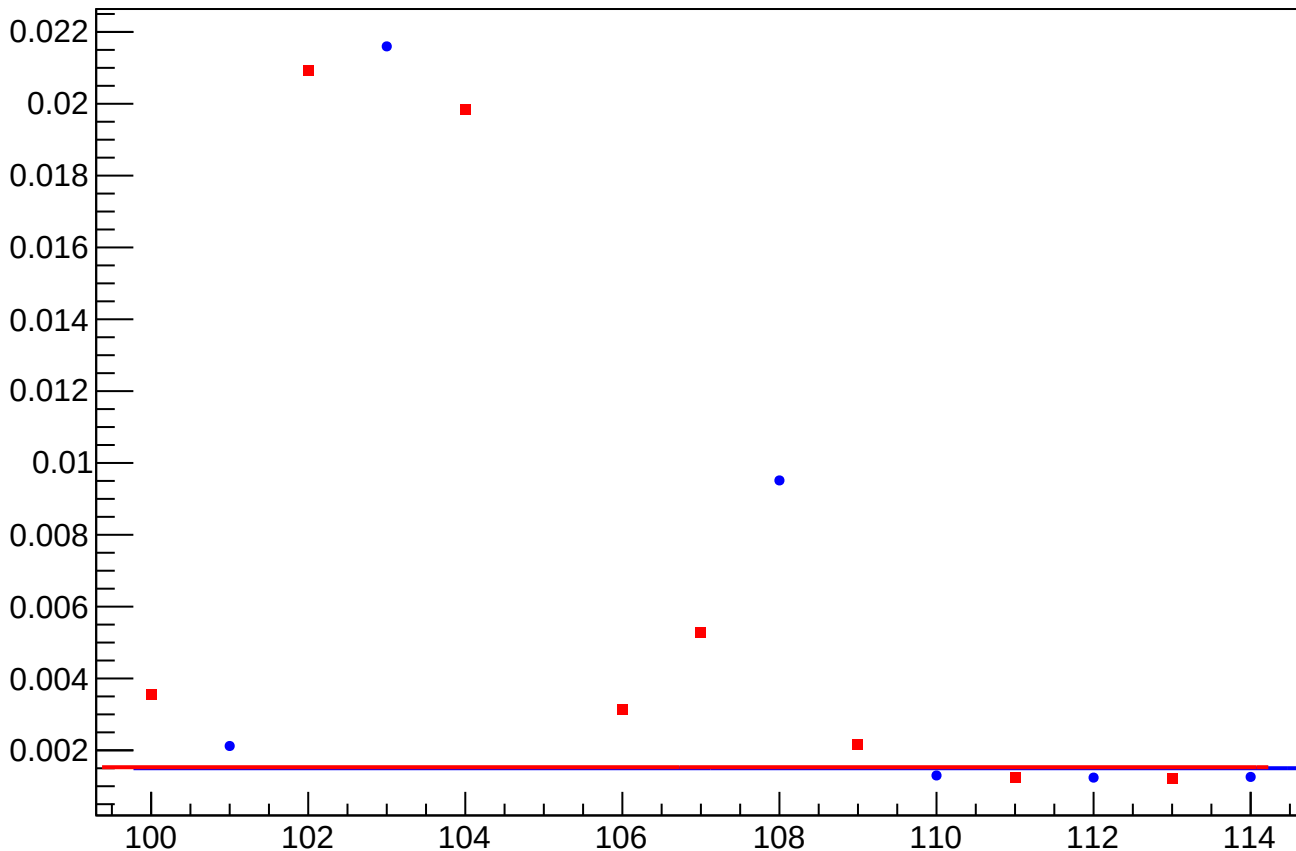
Right: -0.000+/-0.000 χ^2/NDF : 15.4/13

In: -0.000+/-0.000 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.4/13

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

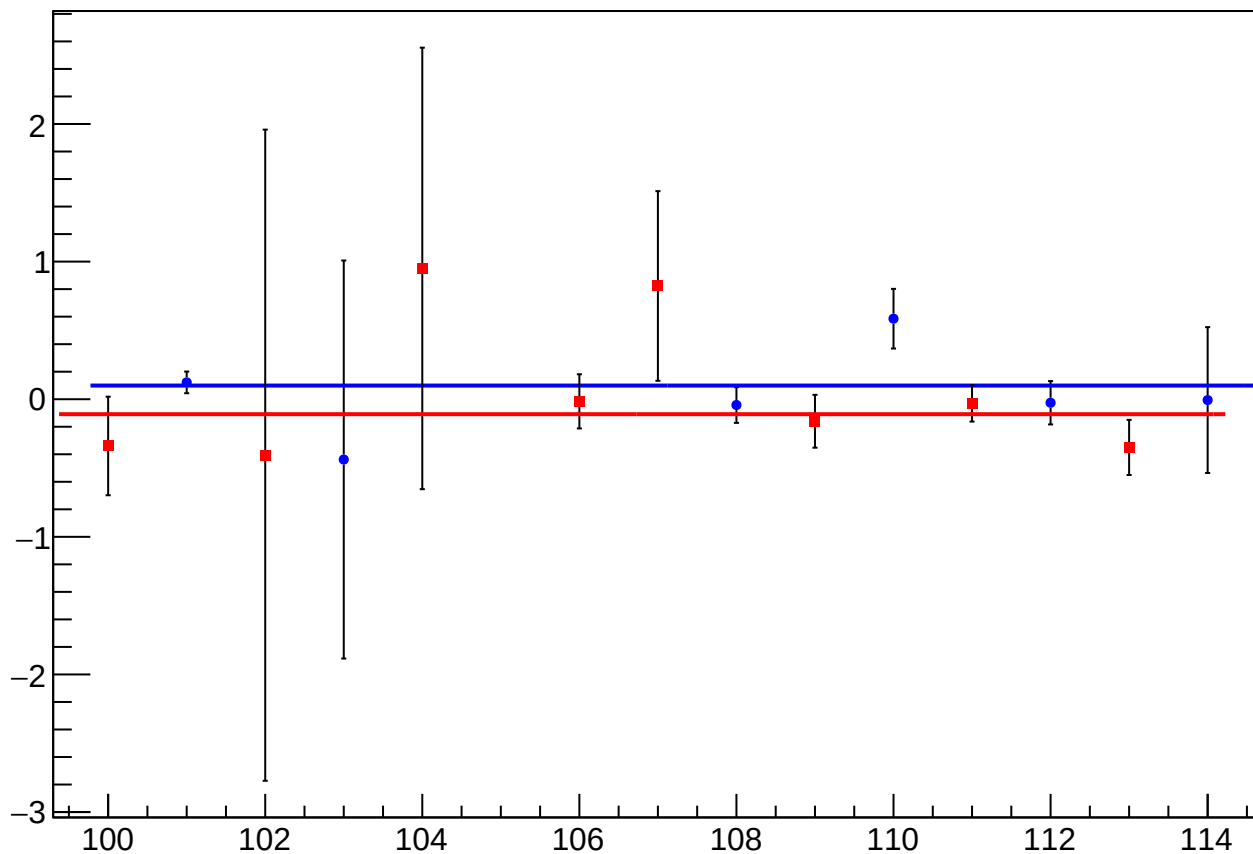
Right: 0.002+/-0.000 χ^2/NDF : 4380721.4/13

In: 0.002+/-0.000 χ^2/NDF :1783671.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4380721.4/13

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

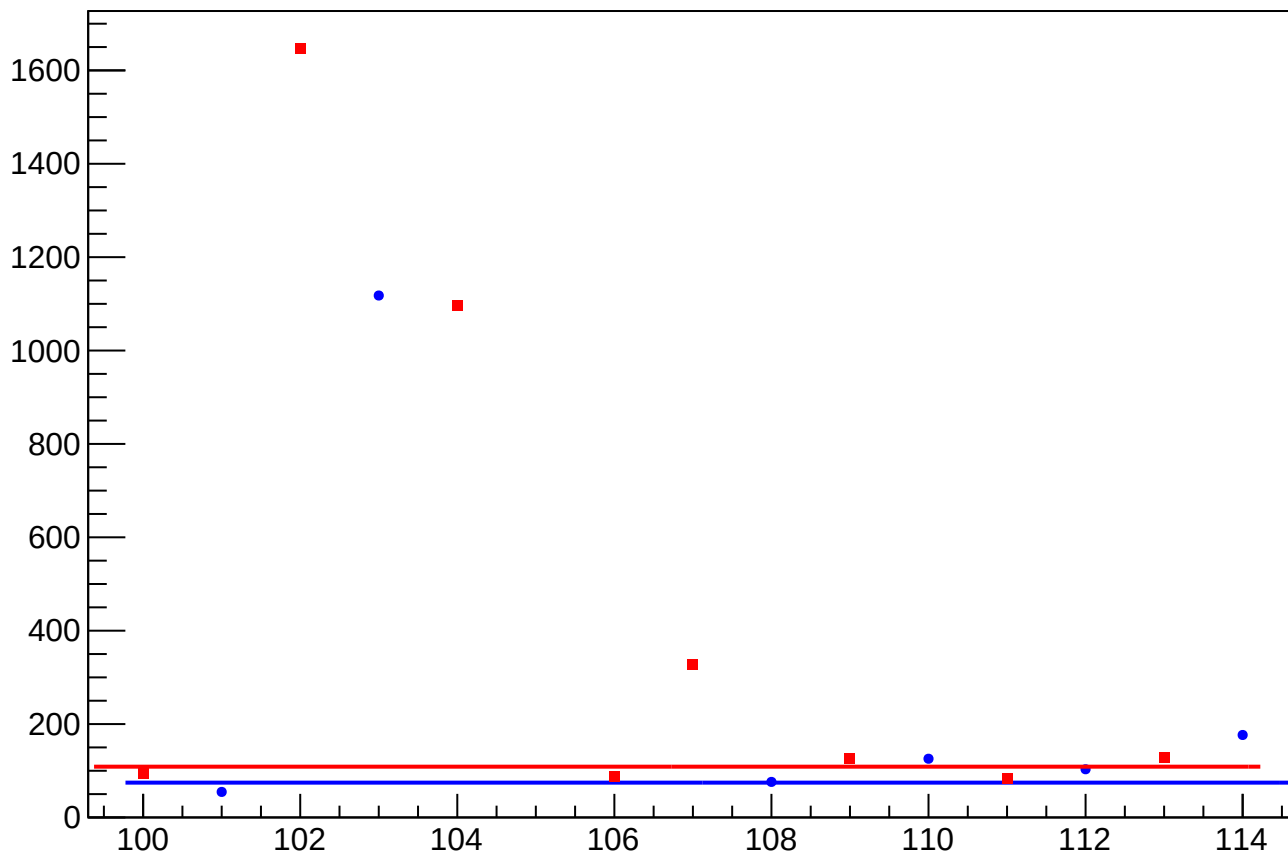
Right: 0.029 $\pm$ 0.048 χ^2 /NDF: 16.1/13

In: 0.099 $\pm$ 0.059 χ^2 /NDF:7.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.029 $\pm$ 0.048 χ^2 /NDF: 16.1/13

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.571+/-0.042 χ^2/NDF : 1420408.2/5

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

Right Out: 108.767+/-0.058 χ^2/NDF : 1935163.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

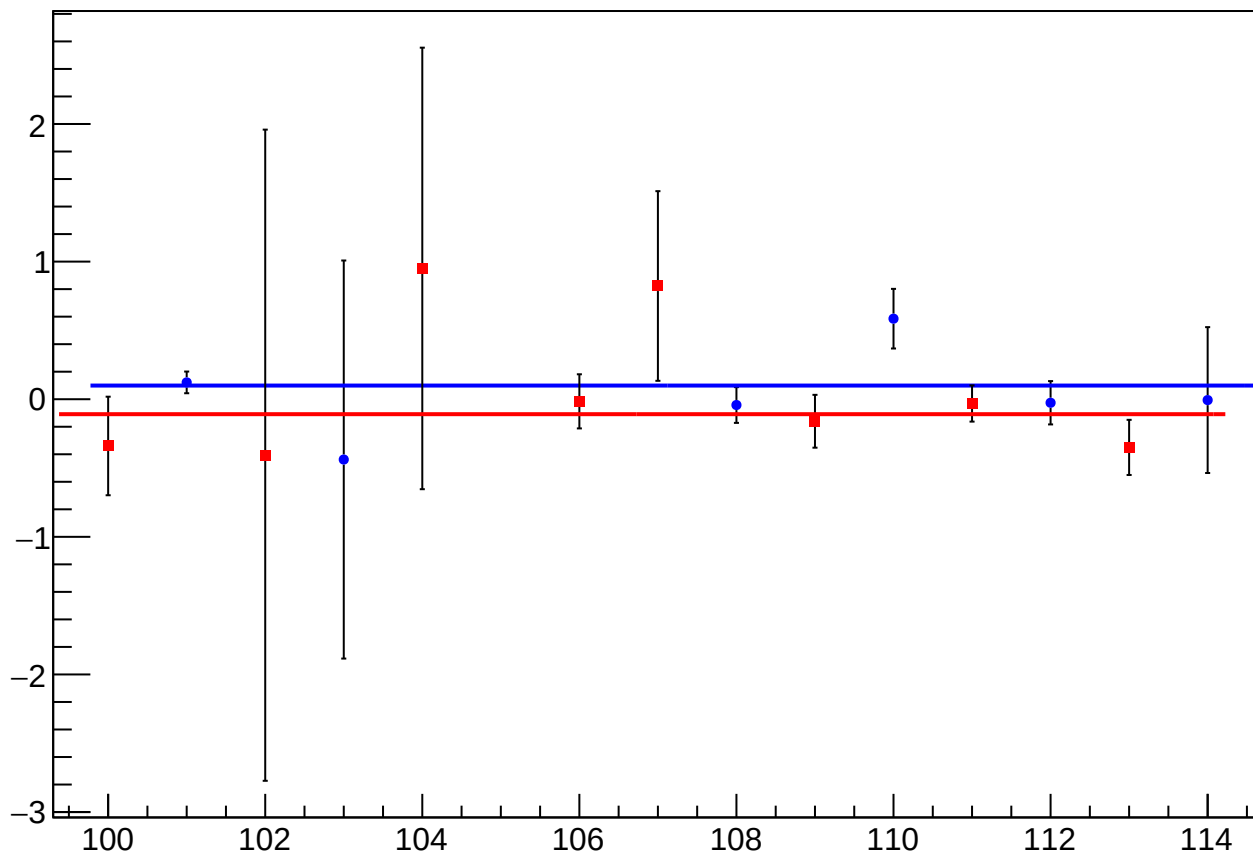
Right: 86.134+/-0.034 χ^2/NDF : 3581796.4/13

In: 74.571+/-0.042 χ^2/NDF : 1420408.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.134+/-0.034 χ^2/NDF : 3581796.4/13

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.099+/-0.059 χ^2/NDF : 7.1/5

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

Right Out: -0.109+/-0.083 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

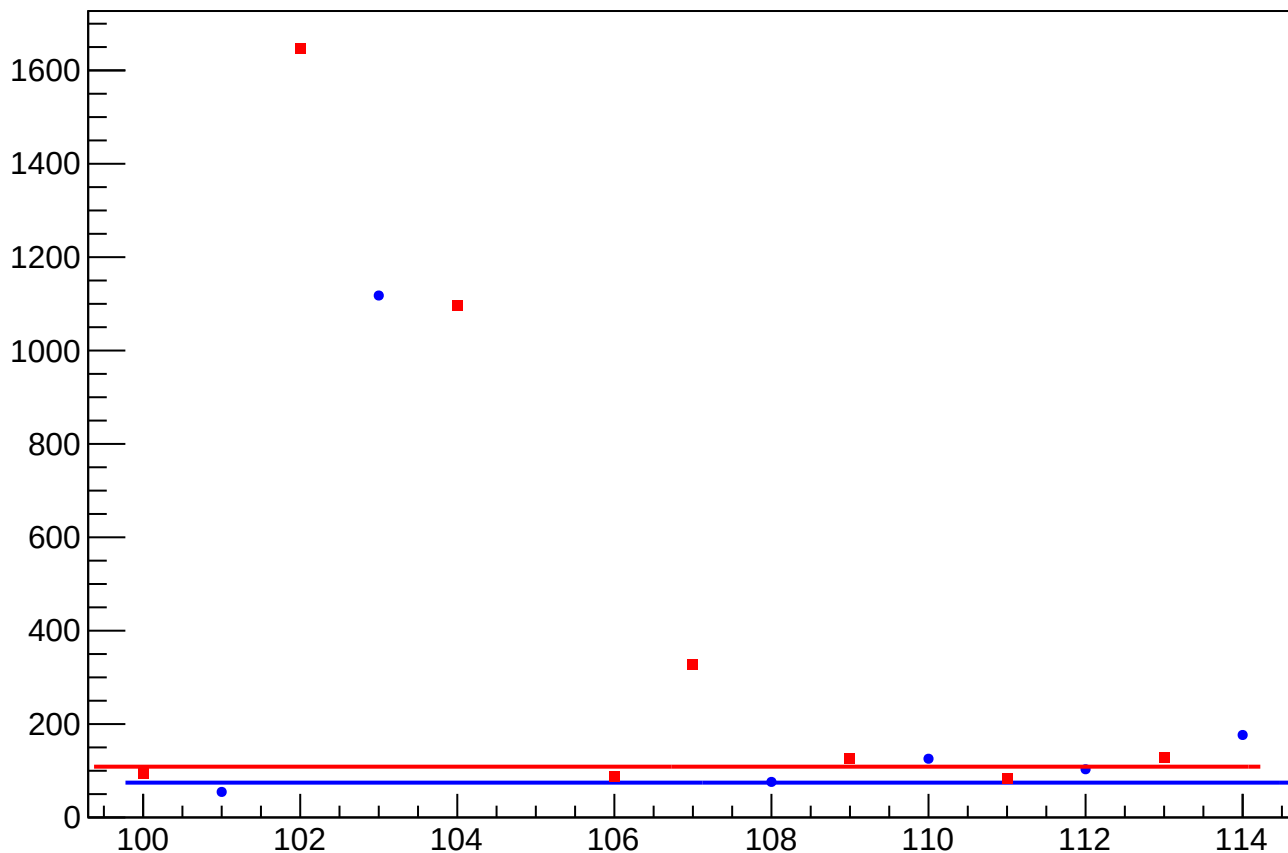
Right: 0.029+/-0.048 χ^2/NDF : 16.1/13

In: 0.099+/-0.059 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.048 χ^2/NDF : 16.1/13

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.571+/-0.042 χ^2/NDF : 1420408.2/5

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

Right Out: 108.767+/-0.058 χ^2/NDF : 1935163.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

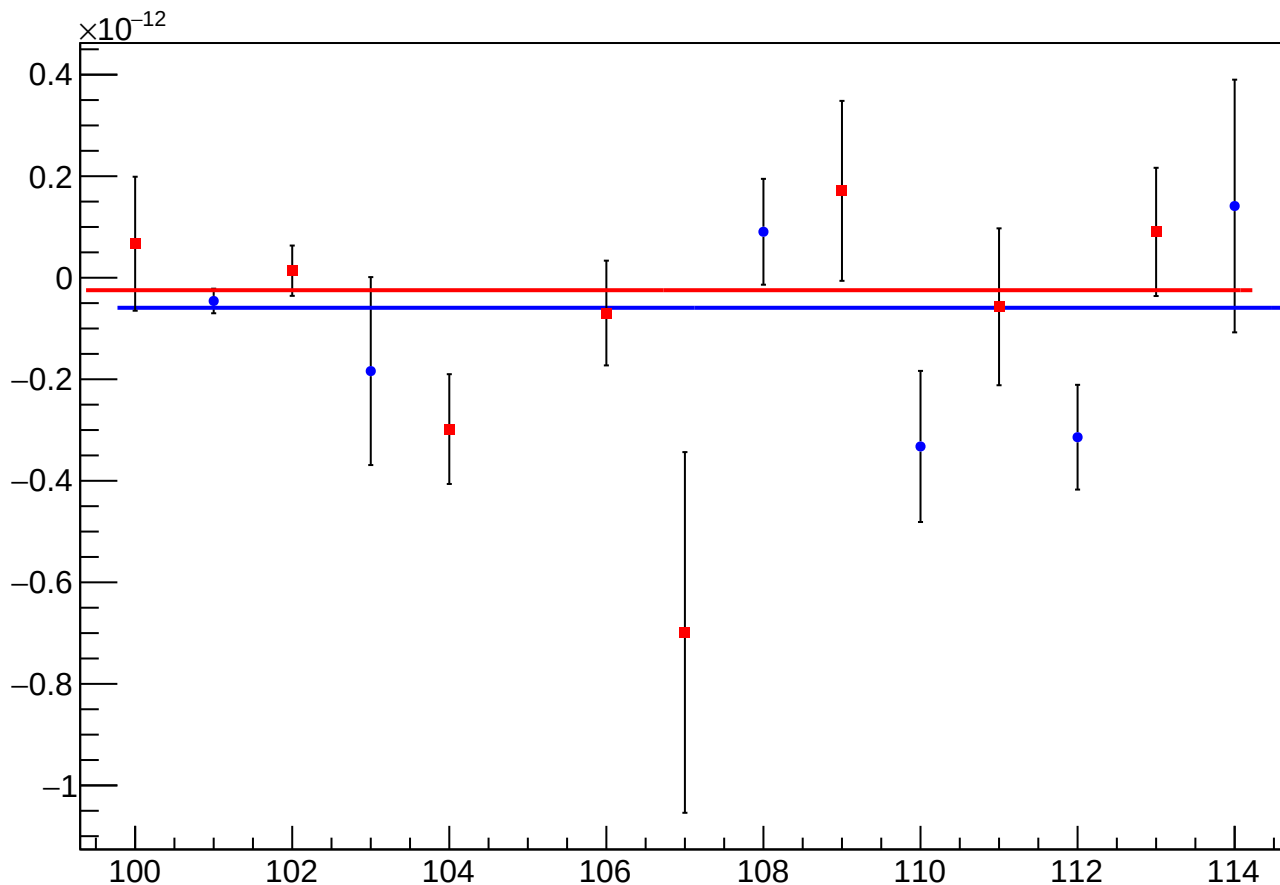
Right: 86.134+/-0.034 χ^2/NDF : 3581796.4/13

In: 74.571+/-0.042 χ^2/NDF : 1420408.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.134+/-0.034 χ^2/NDF : 3581796.4/13

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.9/5

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

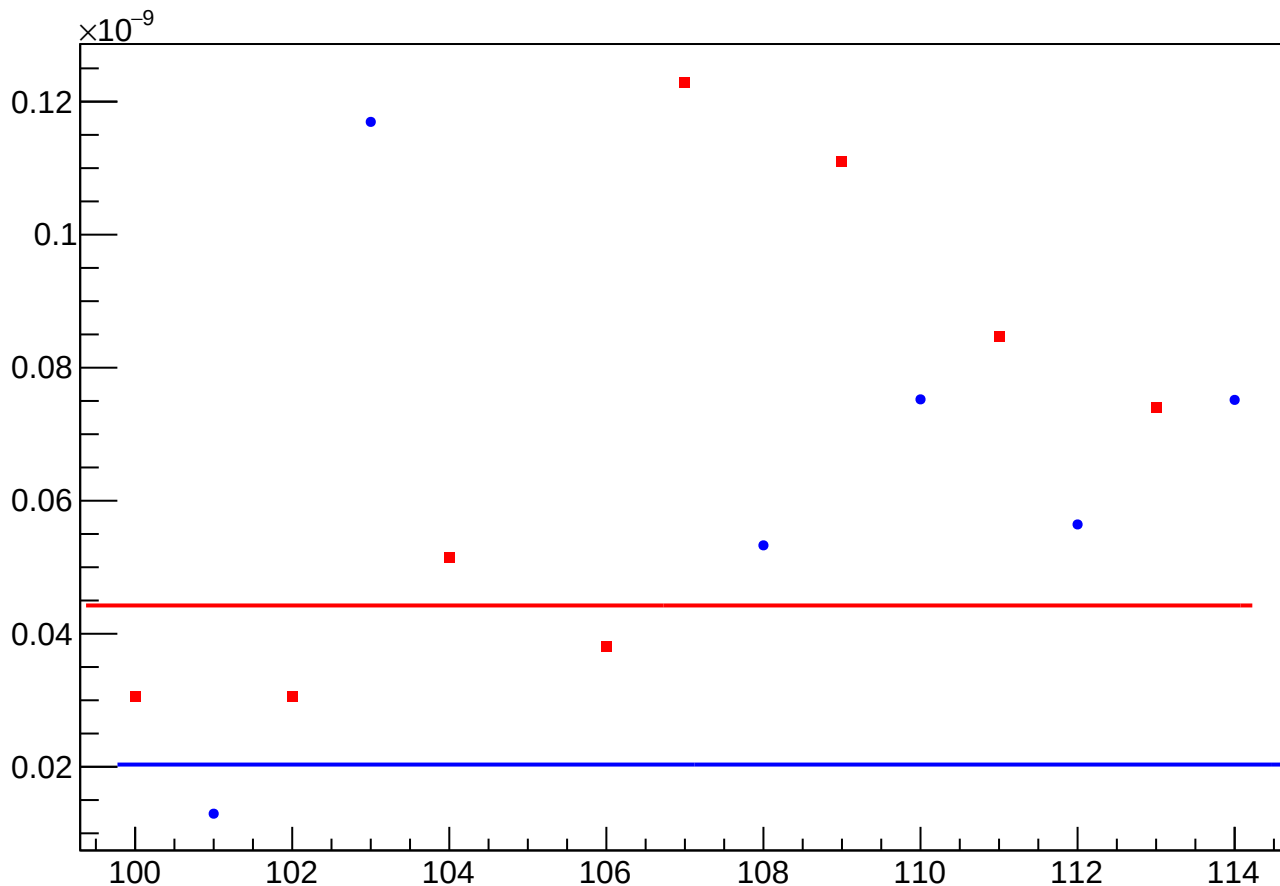
Right: -0.000+/-0.000 χ^2 /NDF: 27.0/13

In: -0.000+/-0.000 χ^2 /NDF:12.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.0/13

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

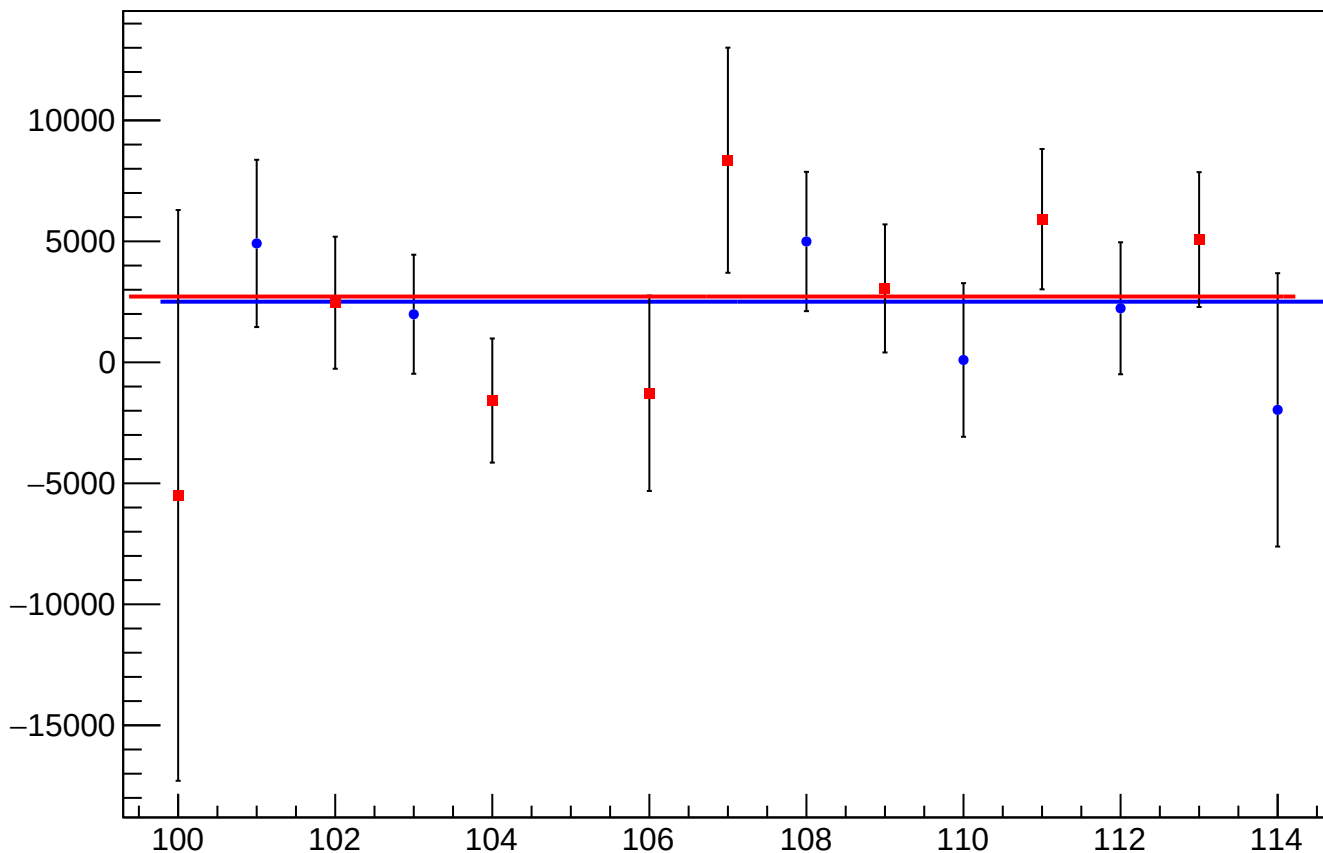
Right: 0.000+/-0.000 χ^2/NDF : 3010149.4/13

In: 0.000+/-0.000 χ^2/NDF : 1544944.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3010149.4/13

reg_asym_atl2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

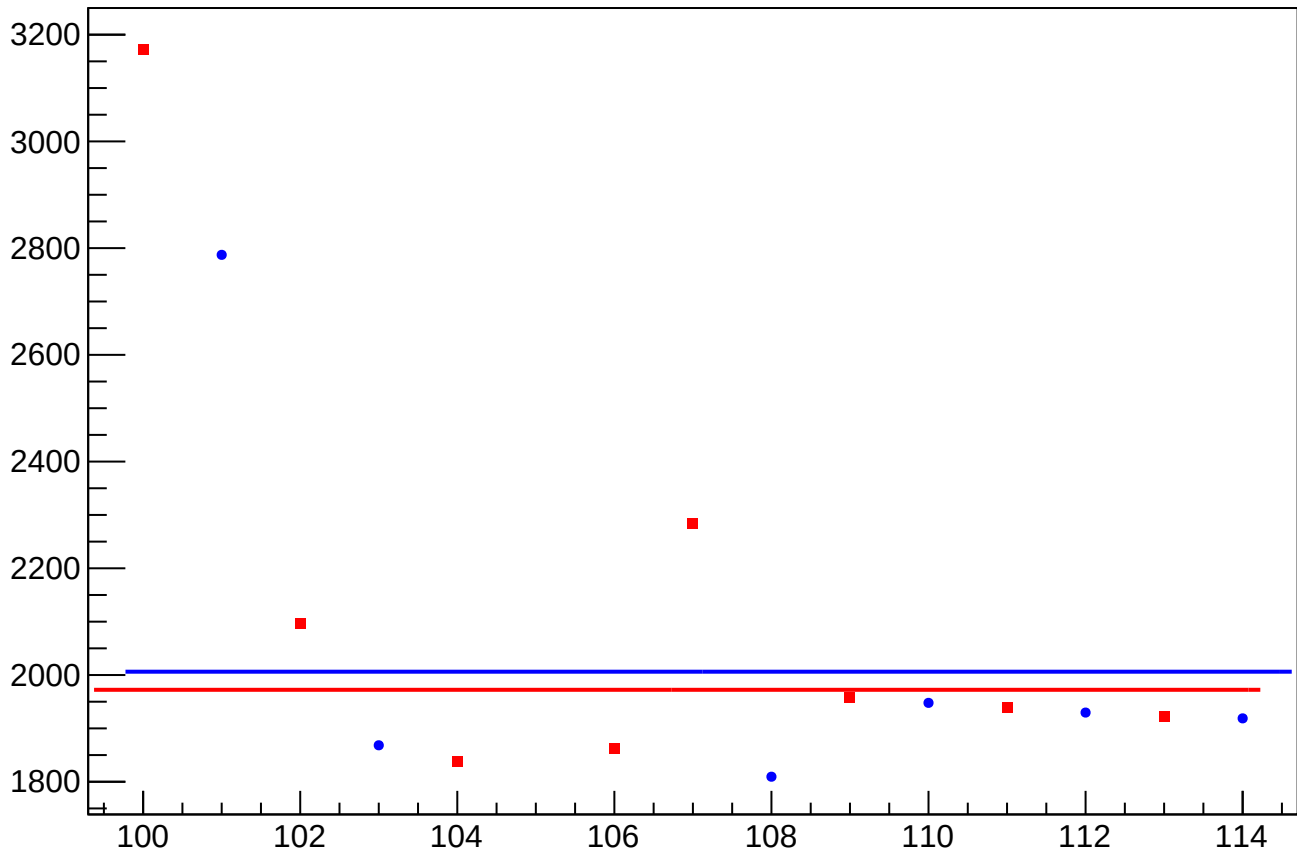
Right: 2624.975+/-837.345 χ^2/NDF : 10.2/13

In: 2507.134+/-1255.257 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.975+/-837.345 χ^2/NDF : 10.2/13

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2006.240+/-0.888 χ^2/NDF : 120500.6/5

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

Right Out: 1972.309+/-0.795 χ^2/NDF : 41747.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

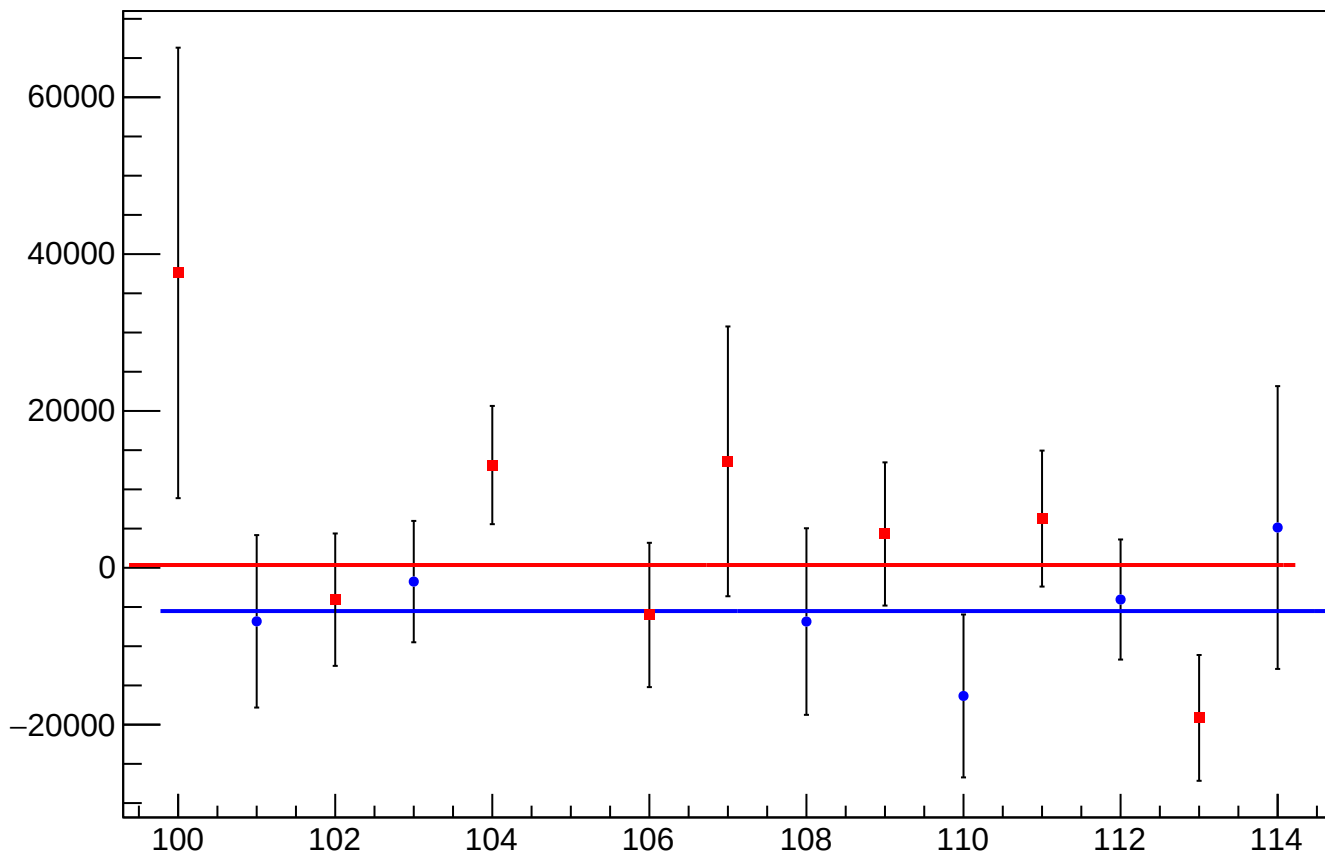
Right: 1987.408+/-0.592 χ^2/NDF : 163059.4/13

In: 2006.240+/-0.888 χ^2/NDF : 120500.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.408+/-0.592 χ^2/NDF : 163059.4/13

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -5516.358+/-4034.452 χ^2/NDF : 1.7/5

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

Right Out: 355.959+/-3354.343 χ^2/NDF : 12.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

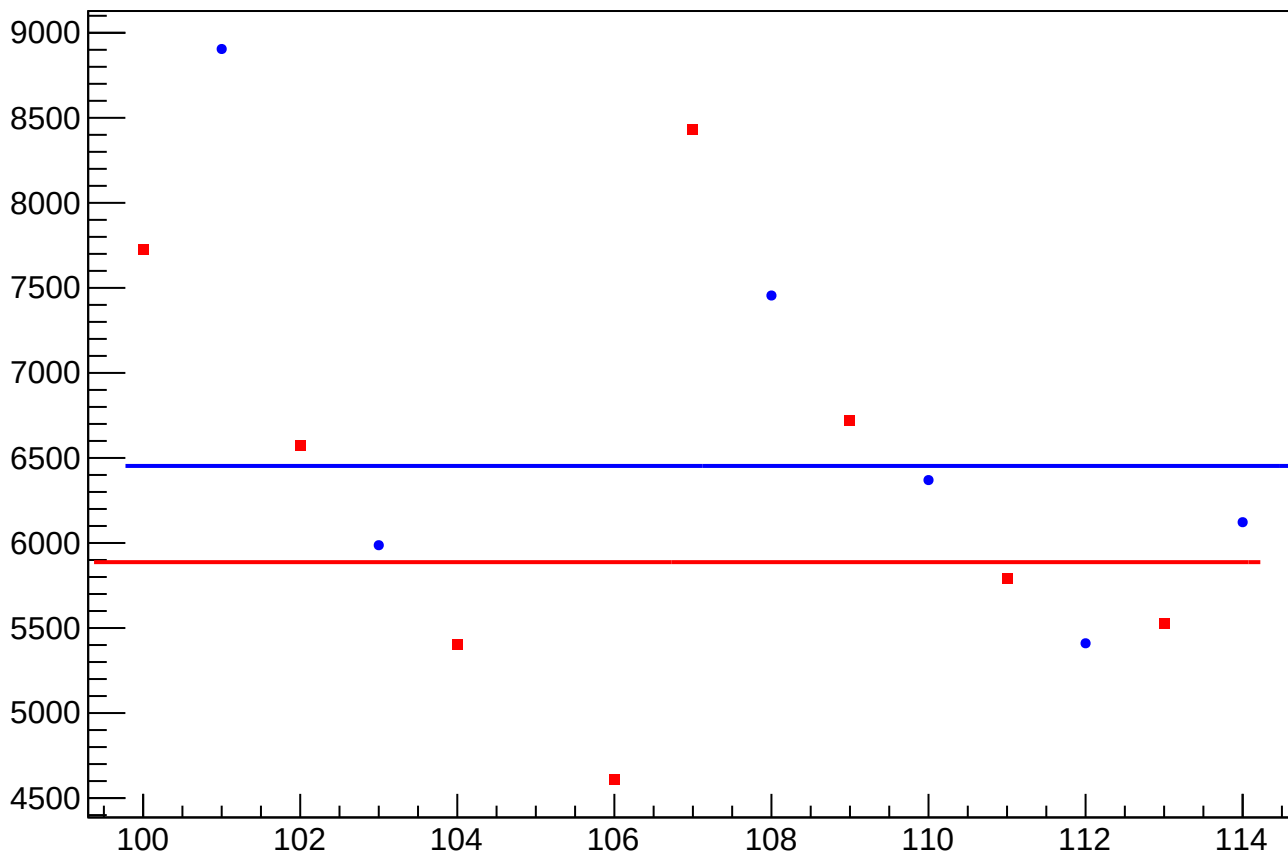
Right: -2044.218+/-2579.297 χ^2/NDF : 15.4/13

In: -5516.358+/-4034.452 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2044.218+/-2579.297 χ^2/NDF : 15.4/13

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

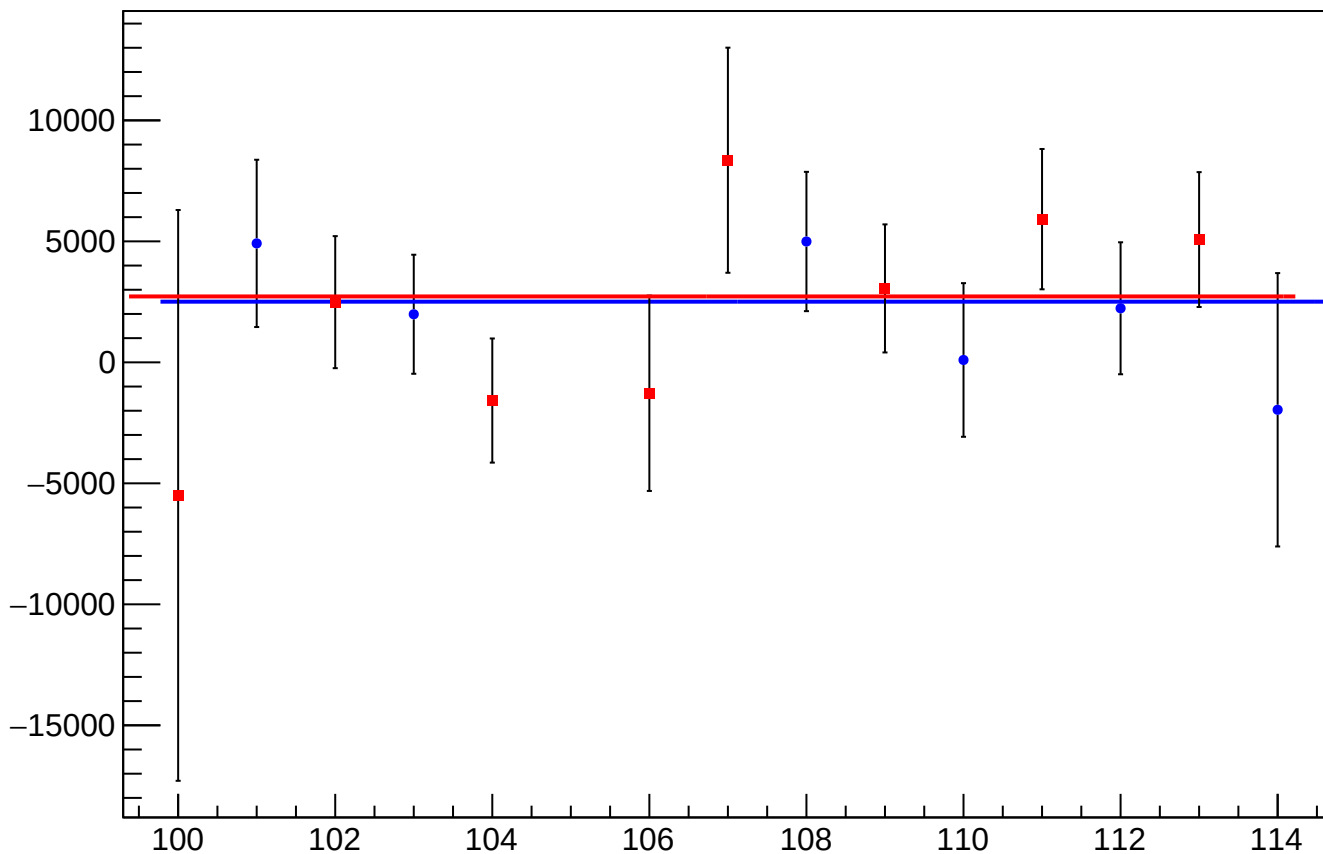
Right: 6118.553+/-1.824 χ^2/NDF : 315153.0/13

In: 6453.059+/-2.853 χ^2/NDF : 158768.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6118.553+/-1.824 χ^2/NDF : 315153.0/13

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2507.527+/-1255.257 χ^2/NDF : 2.5/5

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

Right Out: 2723.593+/-1123.986 χ^2/NDF : 7.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

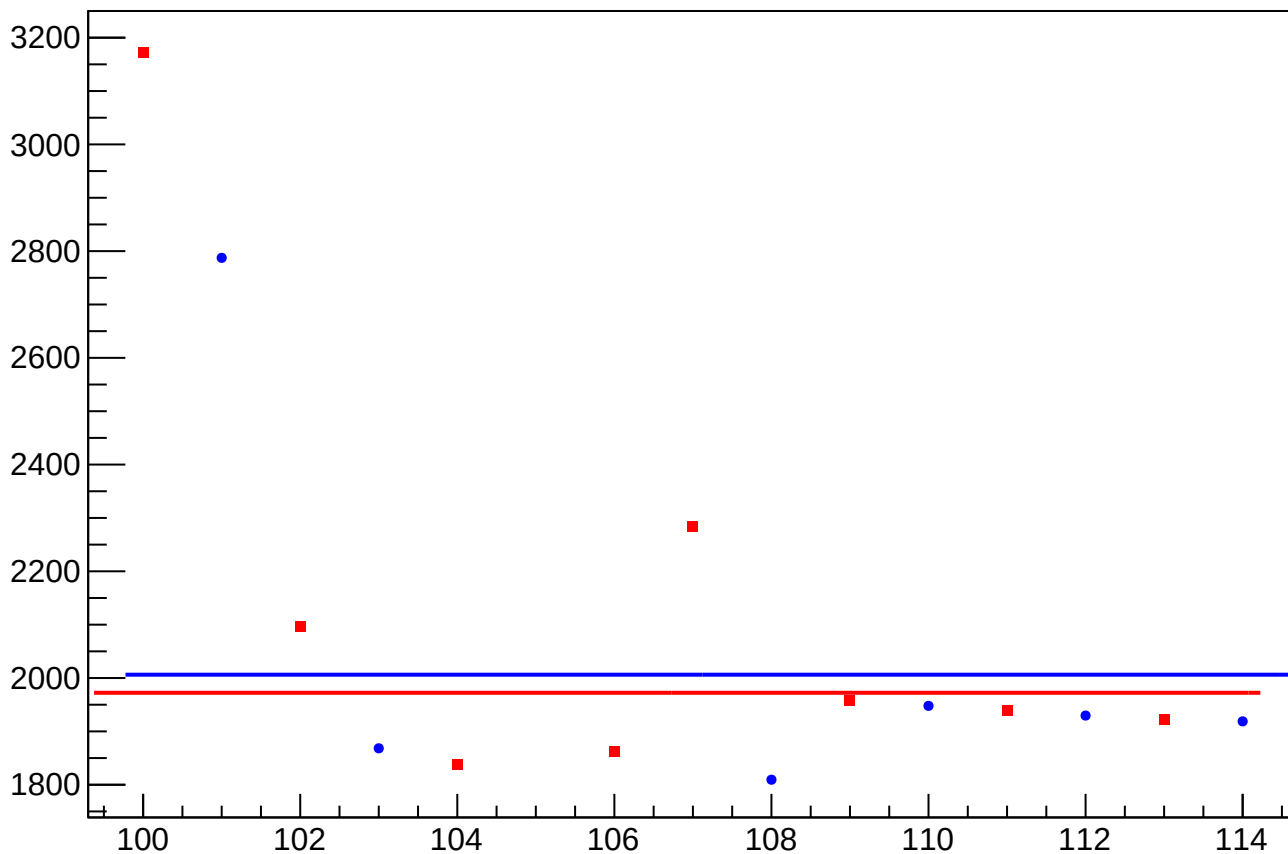
Right: 2627.445+/-837.355 χ^2/NDF : 10.2/13

In: 2507.527+/-1255.257 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2627.445+/-837.355 χ^2/NDF : 10.2/13

cor_asym_atl2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

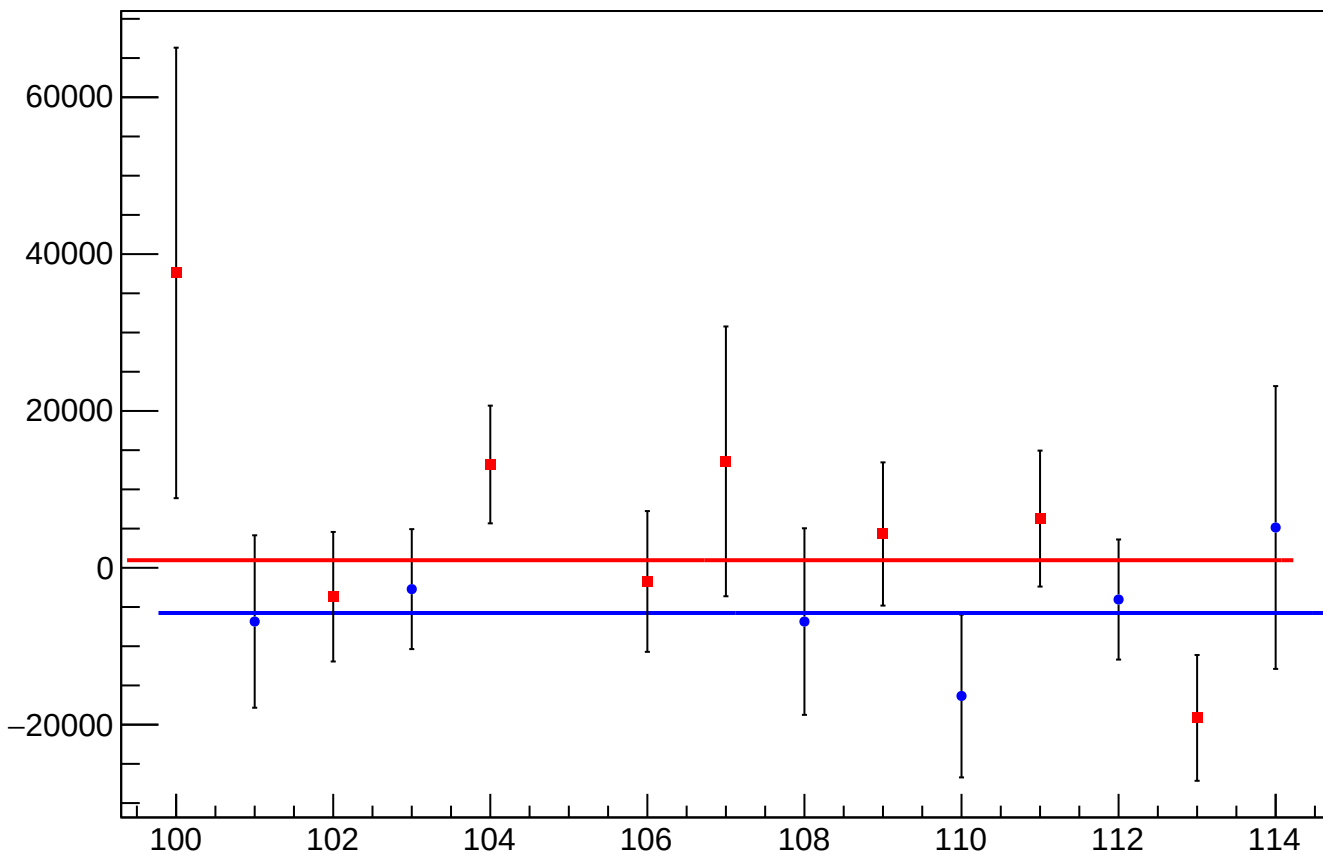
Right: 1987.433+/-0.592 χ^2/NDF : 163075.8/13

In: 2006.240+/-0.888 χ^2/NDF : 120500.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.433+/-0.592 χ^2/NDF : 163075.8/13

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

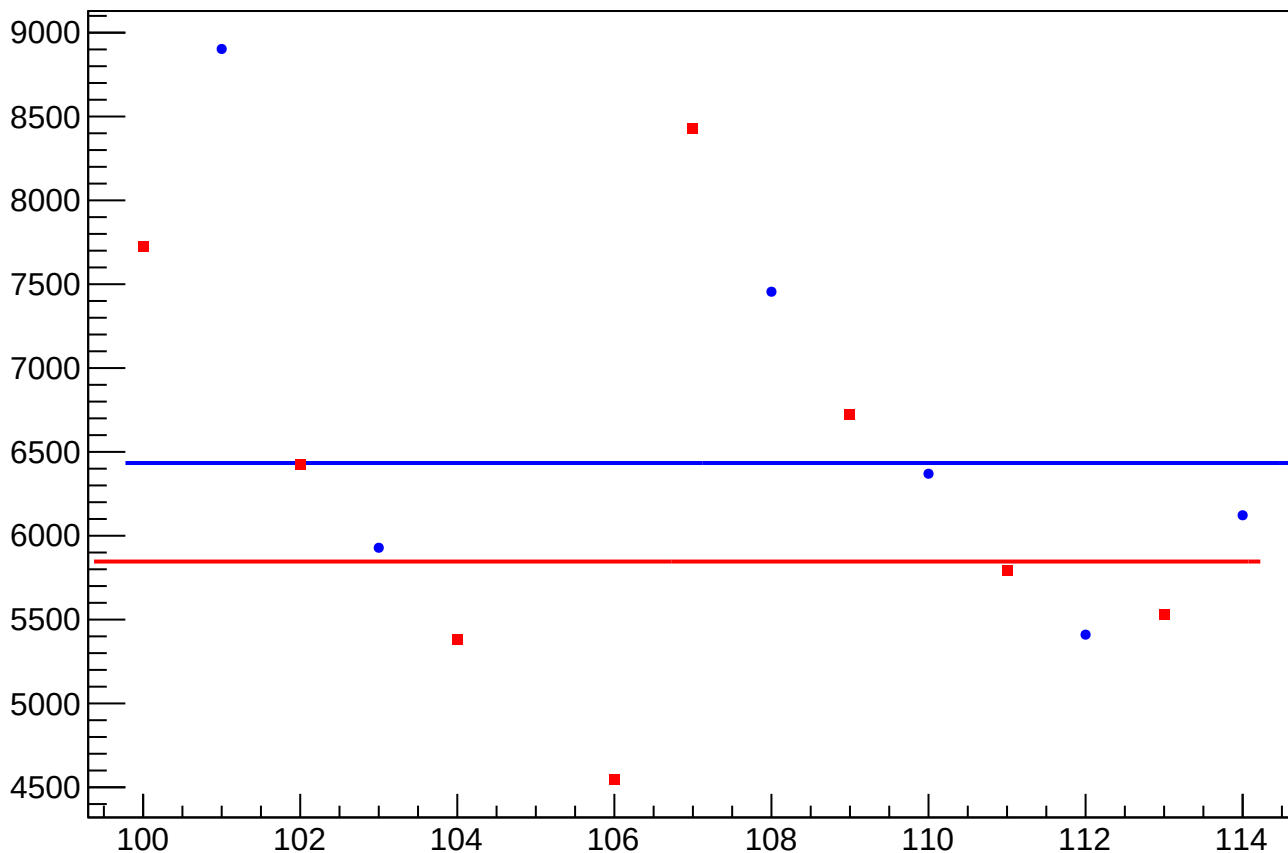
Right: -1767.305+/-2564.147 χ^2/NDF : 15.3/13

In: -5760.189+/-4021.441 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1767.305+/-2564.147 χ^2/NDF : 15.3/13

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6433.771+/-2.844 χ^2/NDF : 160760.5/5

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

Right Out: 5846.216+/-2.354 χ^2/NDF : 134954.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

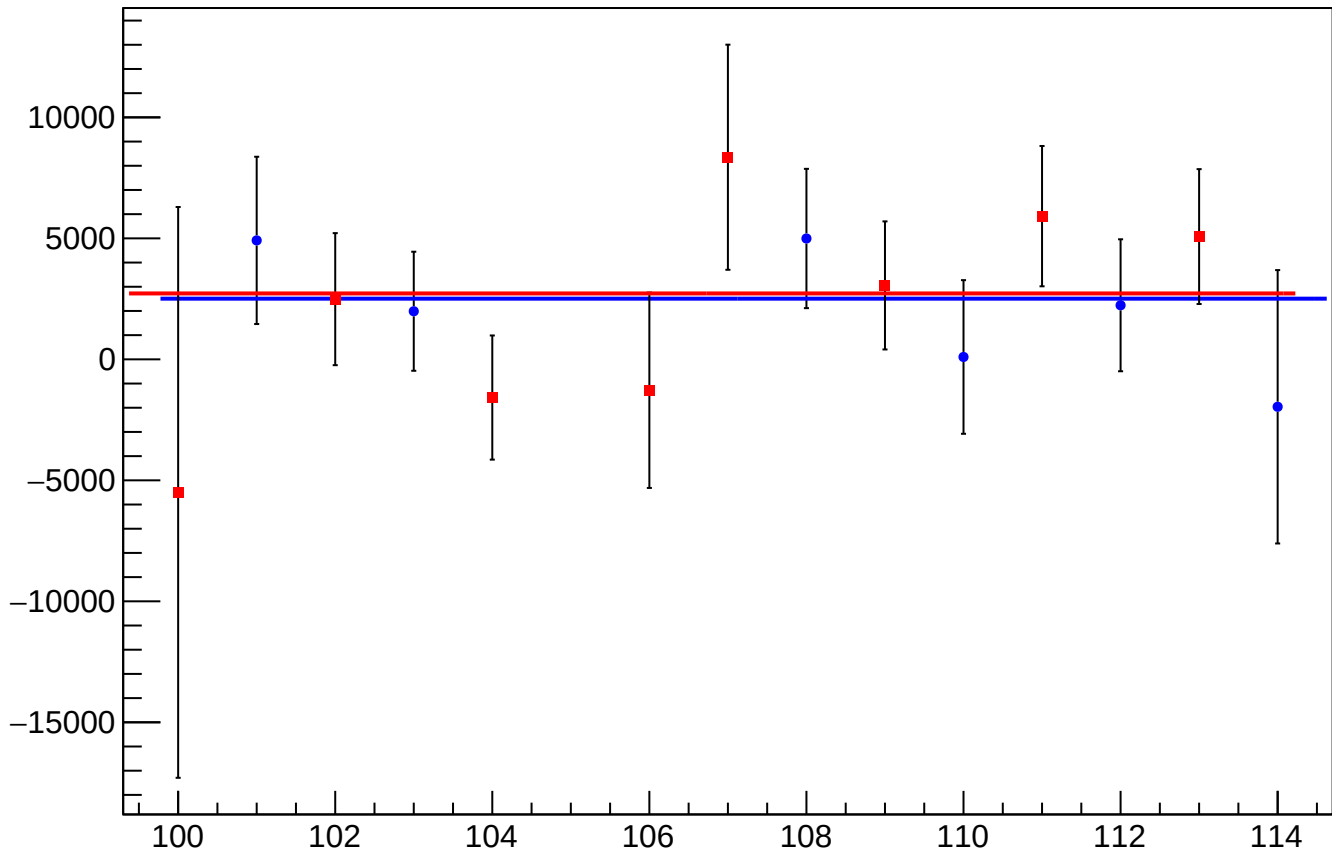
Right: 6085.091+/-1.813 χ^2/NDF : 321051.1/13

In: 6433.771+/-2.844 χ^2/NDF : 160760.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6085.091+/-1.813 χ^2/NDF : 321051.1/13

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2507.527+/-1255.257 χ^2/NDF : 2.5/5

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

Right Out: 2723.593+/-1123.986 χ^2/NDF : 7.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

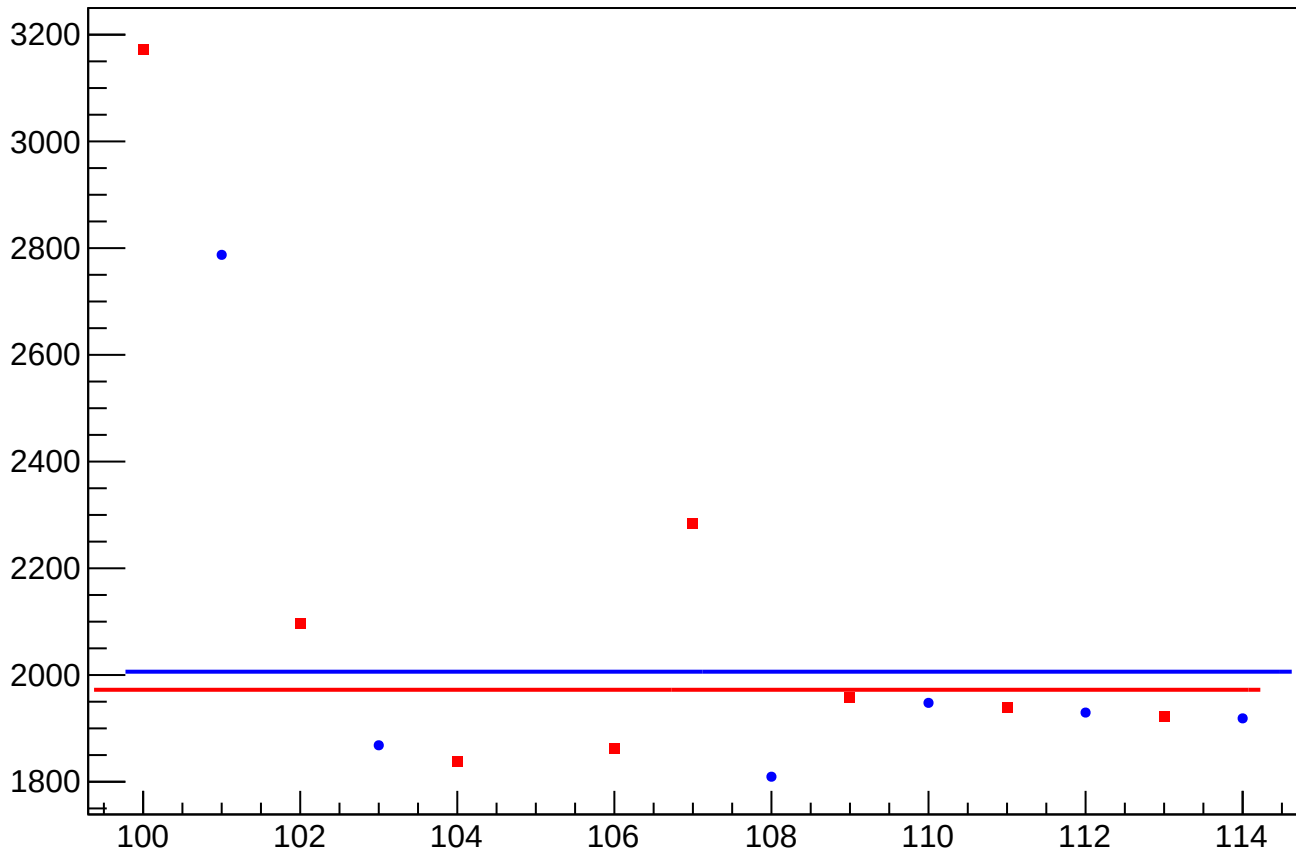
Right: 2627.445+/-837.355 χ^2/NDF : 10.2/13

In: 2507.527+/-1255.257 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2627.445+/-837.355 χ^2/NDF : 10.2/13

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

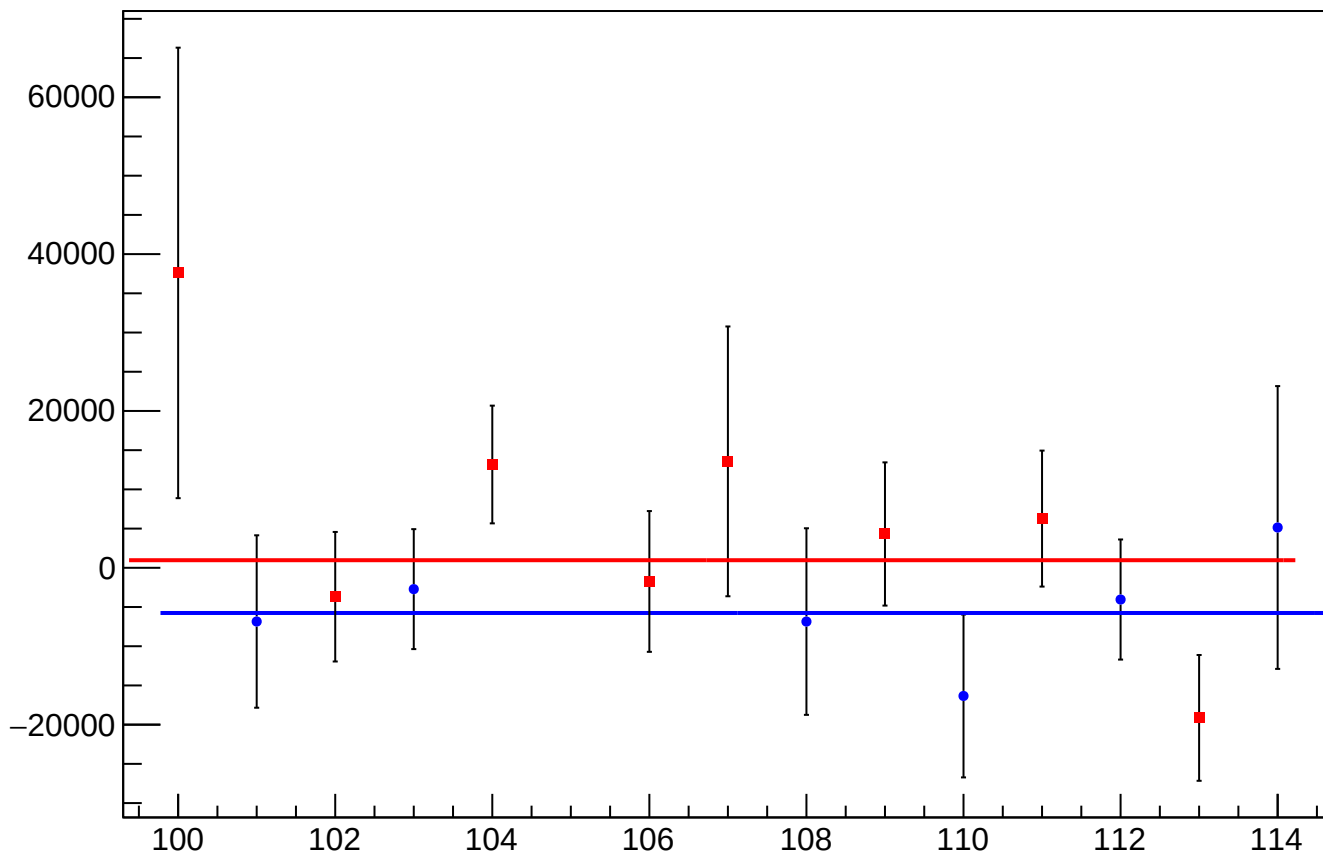
Right: 1987.433+/-0.592 χ^2/NDF : 163075.8/13

In: 2006.240+/-0.888 χ^2/NDF : 120500.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.433+/-0.592 χ^2/NDF : 163075.8/13

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

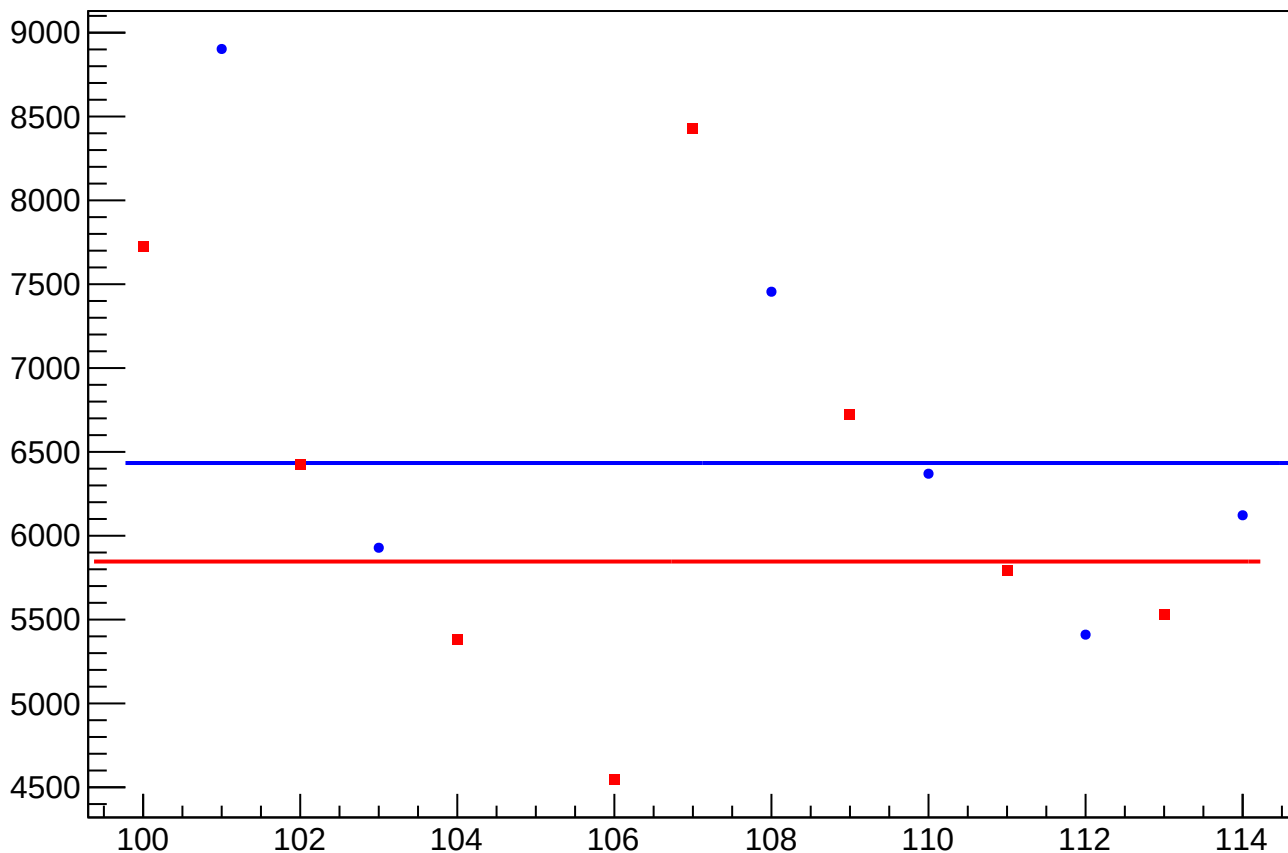
Right: -1767.305+/-2564.147 χ^2/NDF : 15.3/13

In: -5760.189+/-4021.441 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1767.305+/-2564.147 χ^2/NDF : 15.3/13

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6433.771+/-2.844 χ^2/NDF : 160760.5/5

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

Right Out: 5846.216+/-2.354 χ^2/NDF : 134954.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

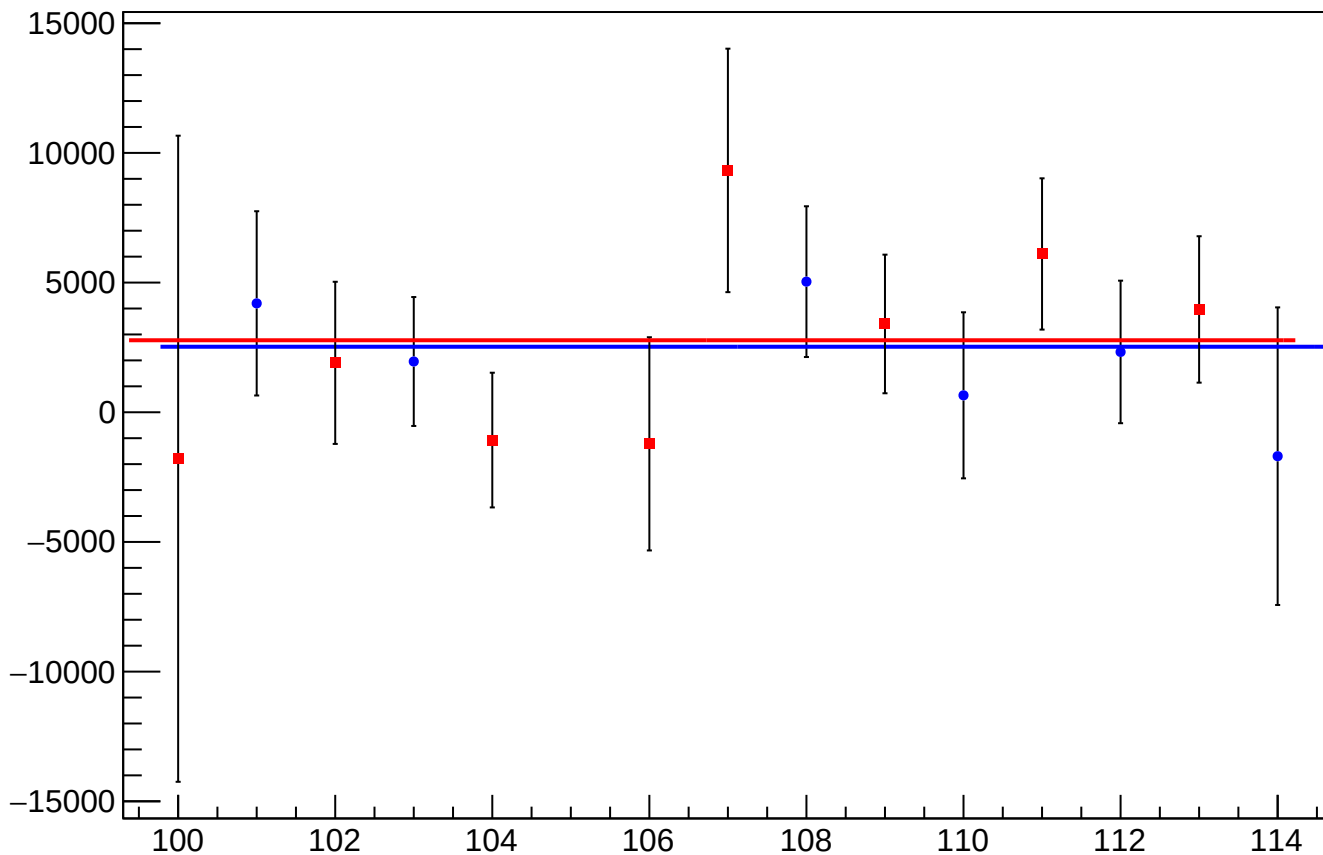
Right: 6085.091+/-1.813 χ^2/NDF : 321051.1/13

In: 6433.771+/-2.844 χ^2/NDF : 160760.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6085.091+/-1.813 χ^2/NDF : 321051.1/13

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2526.302+/-1270.141 χ^2/NDF : 1.9/5

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

Right Out: 2776.105+/-1158.758 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

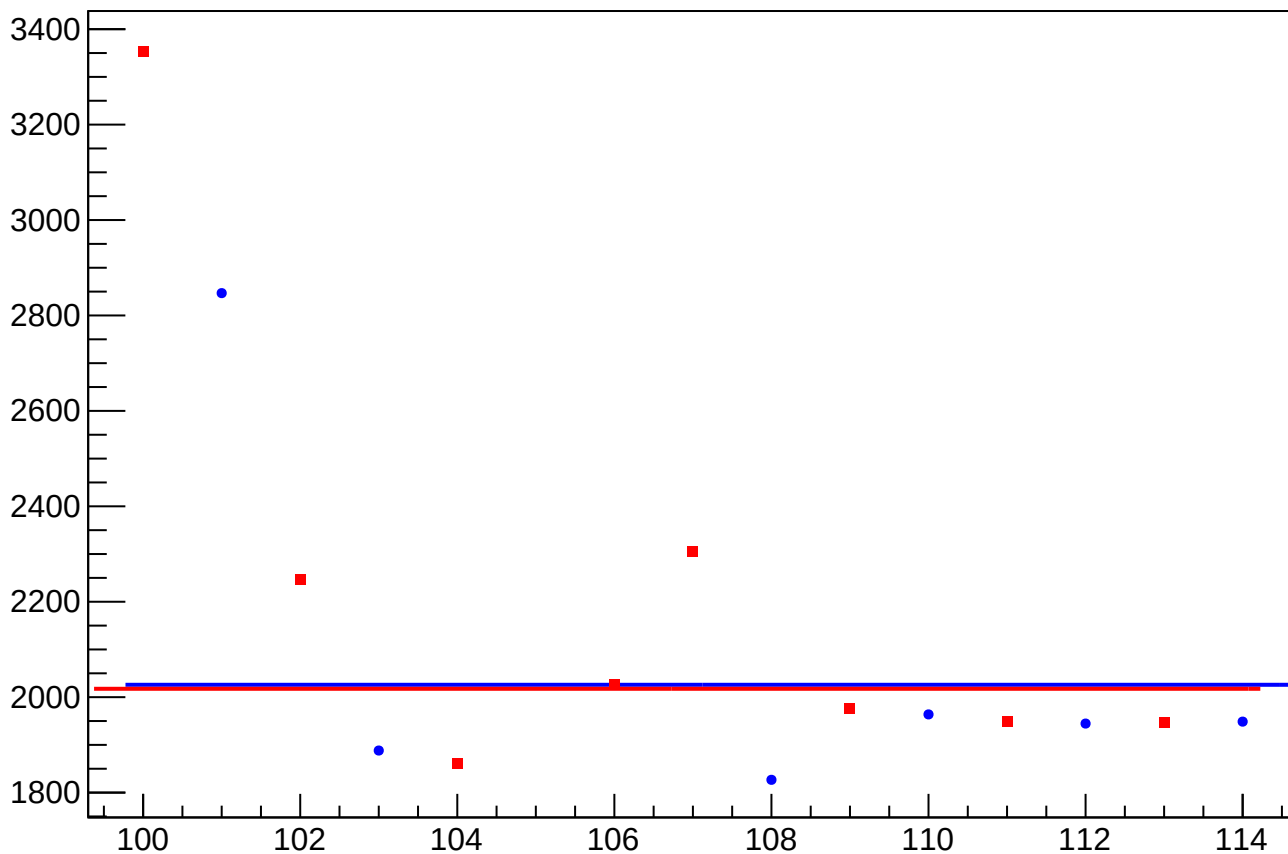
Right: 2662.635+/-856.040 χ^2/NDF : 8.8/13

In: 2526.302+/-1270.141 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2662.635+/-856.040 χ^2/NDF : 8.8/13

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

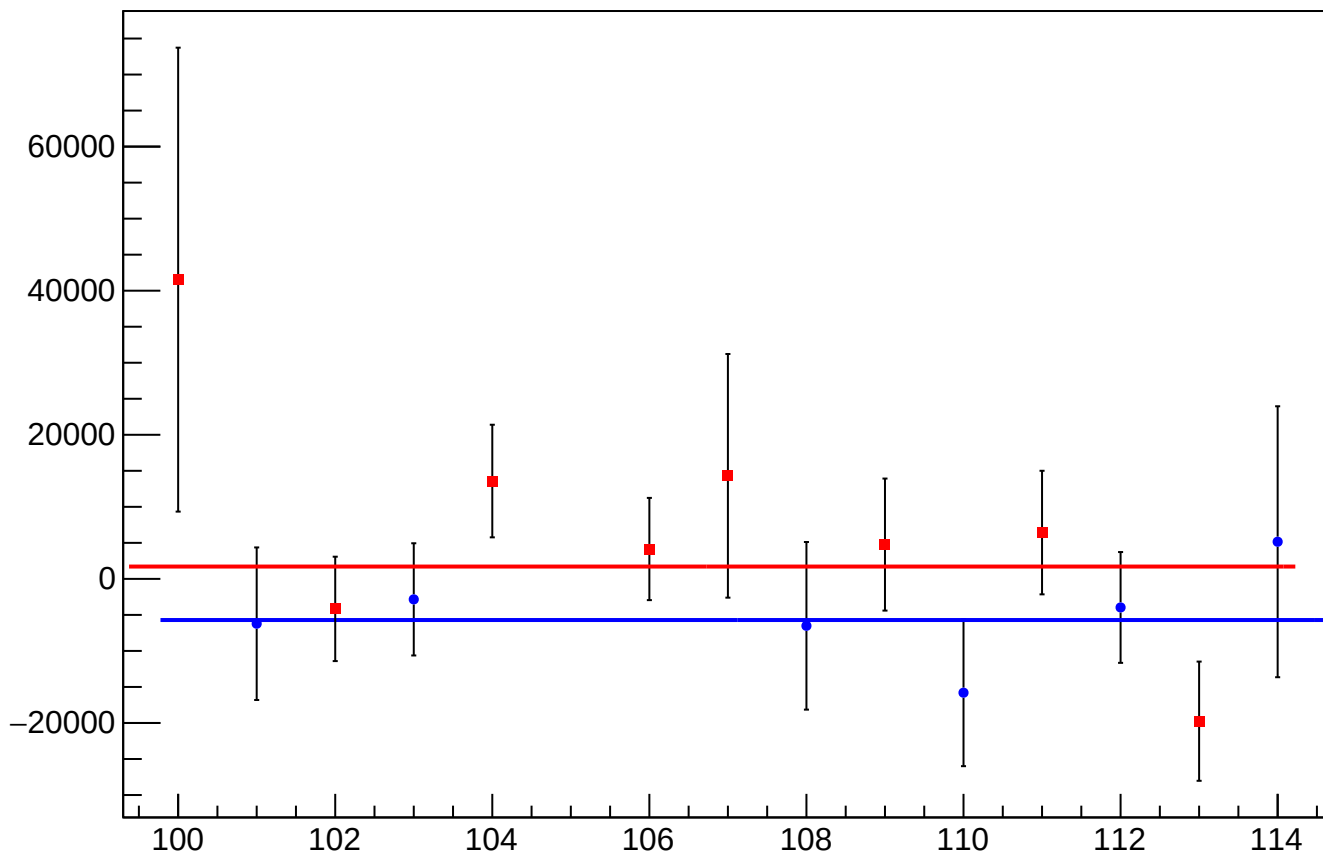
Right: 2021.364+/-0.604 χ^2/NDF : 176599.3/13

In: 2025.957+/-0.898 χ^2/NDF : 125197.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.364+/-0.604 χ^2/NDF : 176599.3/13

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

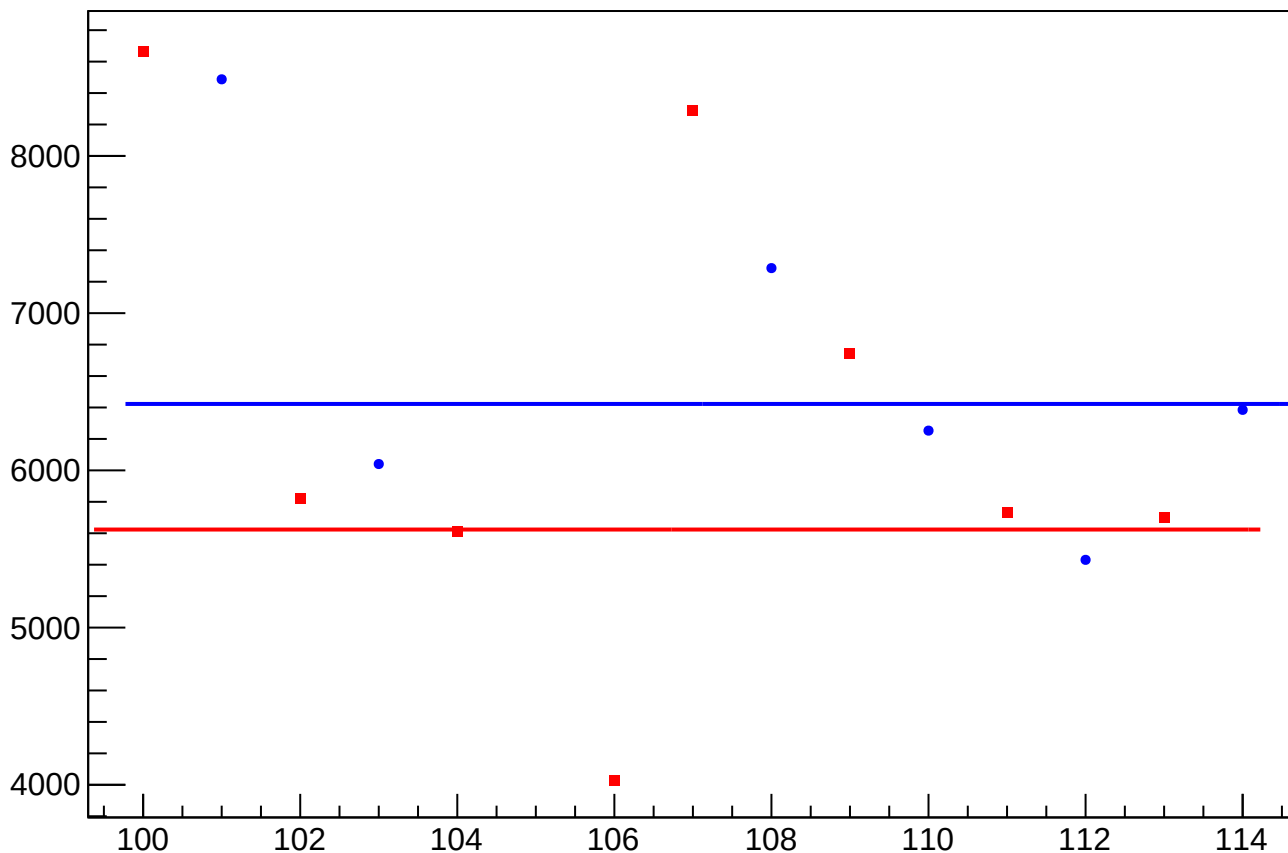
Right: -1135.321+/-2484.206 χ^2/NDF : 15.9/13

In: -5710.682+/-4010.966 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1135.321+/-2484.206 χ^2/NDF : 15.9/13

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6422.530+/-2.836 χ^2/NDF : 125746.9/5

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

Right Out: 5623.690+/-2.237 χ^2/NDF : 200292.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

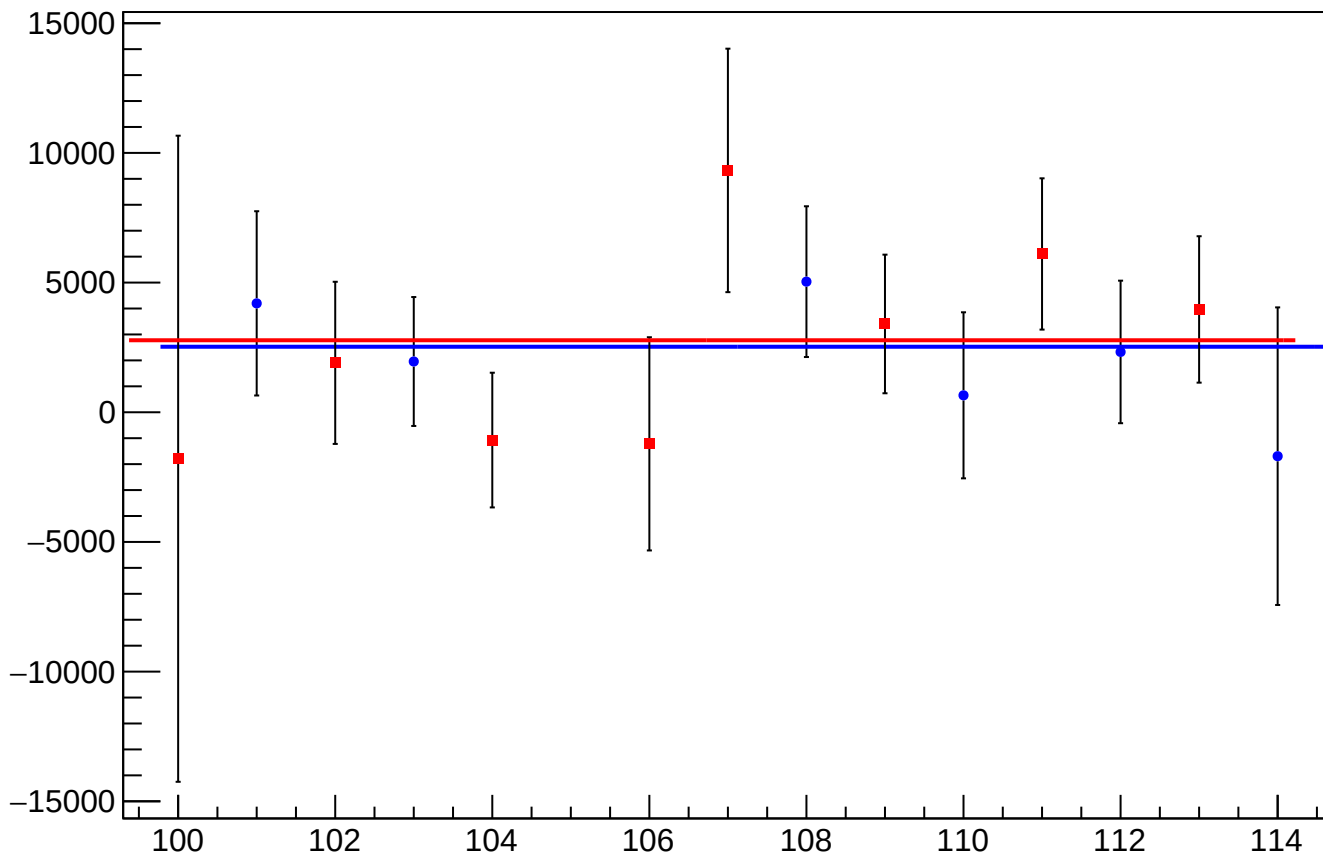
Right: 5930.124+/-1.757 χ^2/NDF : 374940.4/13

In: 6422.530+/-2.836 χ^2/NDF : 125746.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5930.124+/-1.757 χ^2/NDF : 374940.4/13

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2526.317+/-1270.142 χ^2 /NDF: 1.9/5

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

Right Out: 2776.120+/-1158.758 χ^2 /NDF: 6.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

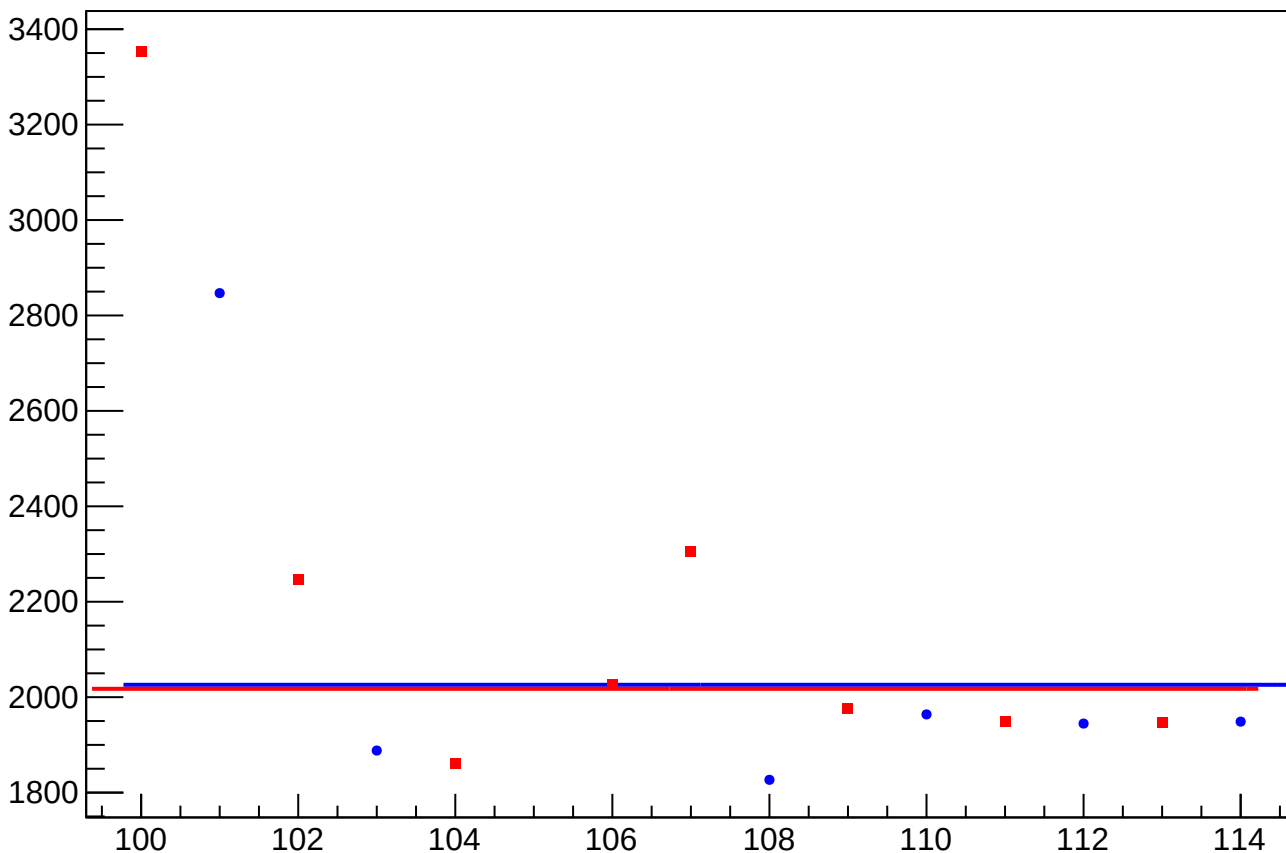
Right: 2662.650+/-856.040 χ^2 /NDF: 8.8/13

In: 2526.317+/-1270.142 χ^2 /NDF:1.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2662.650+/-856.040 χ^2 /NDF: 8.8/13

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2025.958+/-0.898 χ^2/NDF : 125196.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

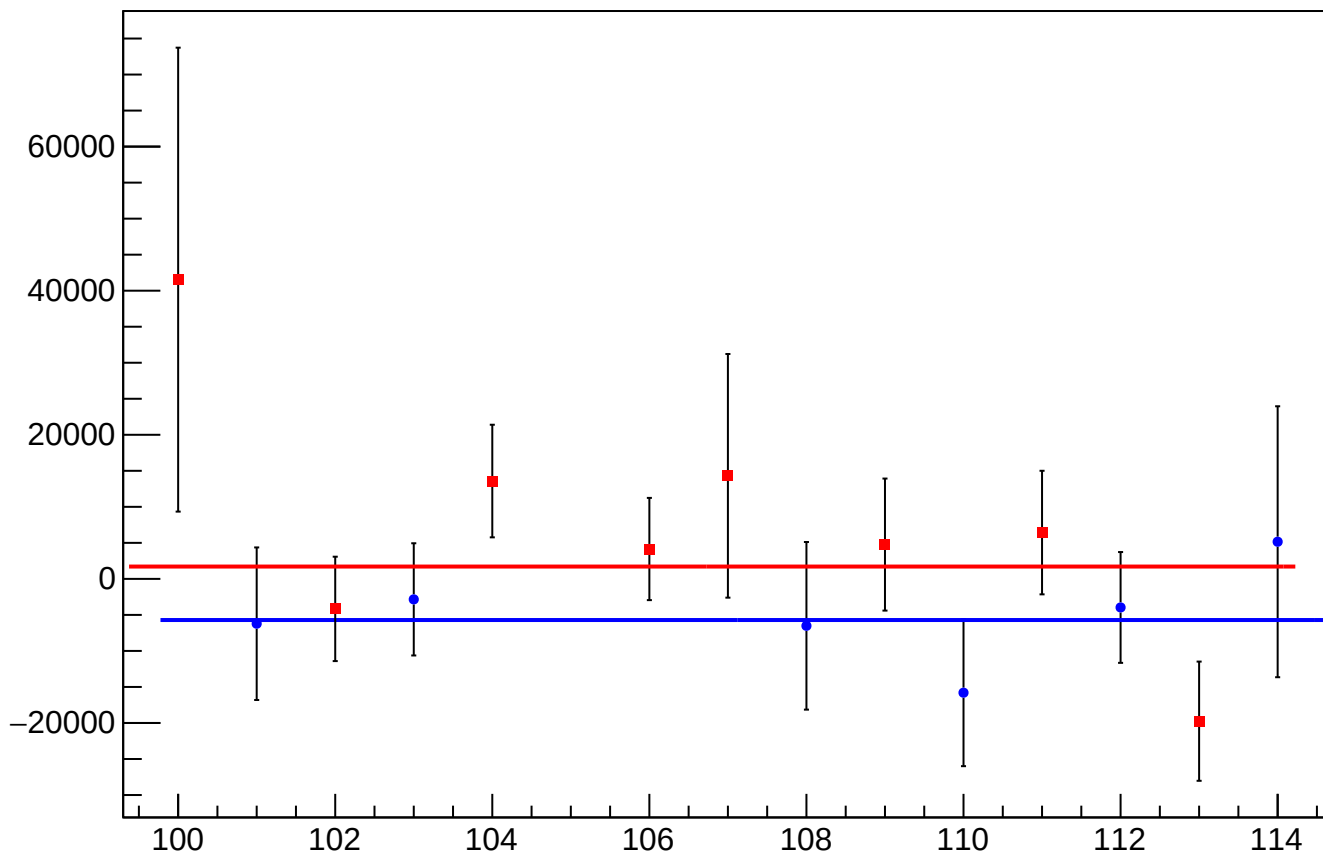
Right: 2021.364+/-0.604 χ^2/NDF : 176599.0/13

In: 2025.958+/-0.898 χ^2/NDF : 125196.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.364+/-0.604 χ^2/NDF : 176599.0/13

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

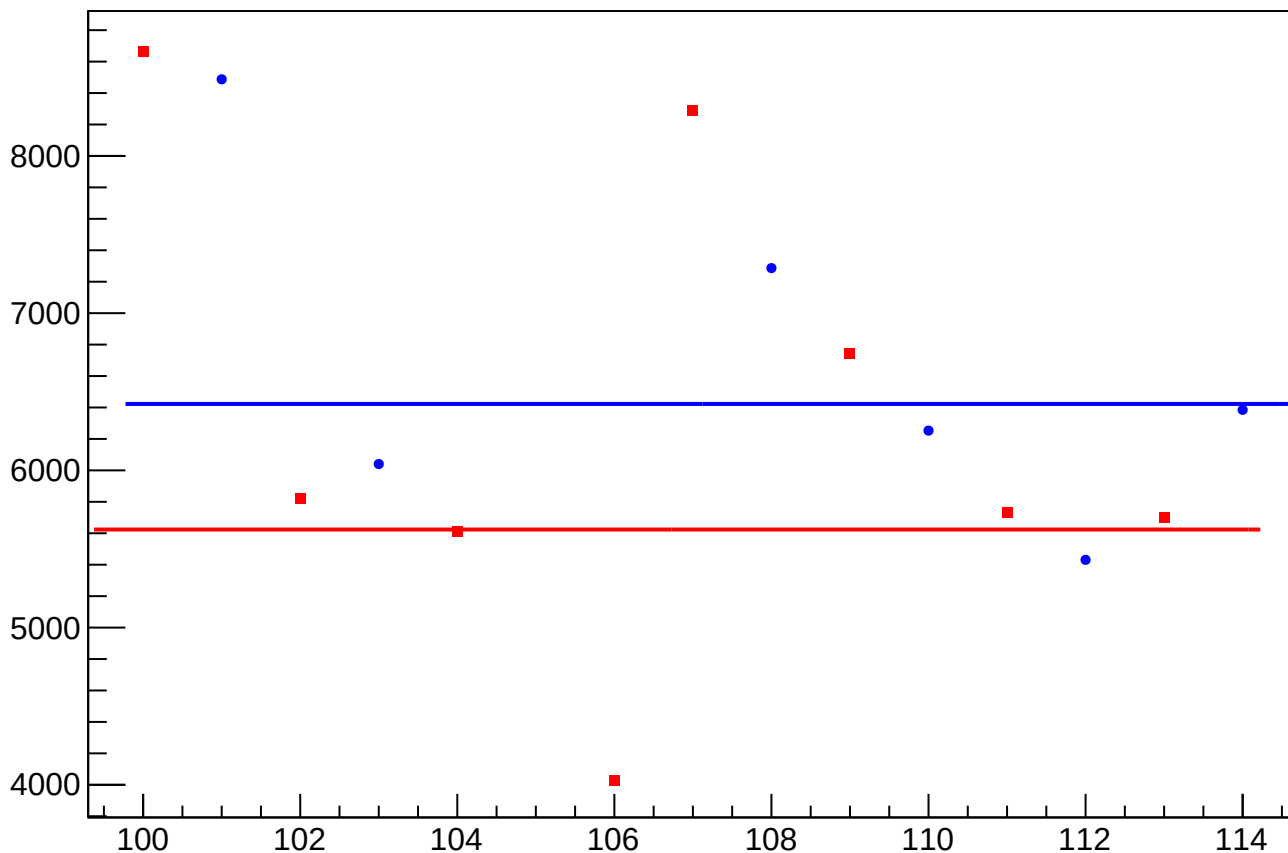
Right: -1135.316+/-2484.201 χ^2/NDF : 15.9/13

In: -5710.671+/-4010.957 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1135.316+/-2484.201 χ^2/NDF : 15.9/13

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

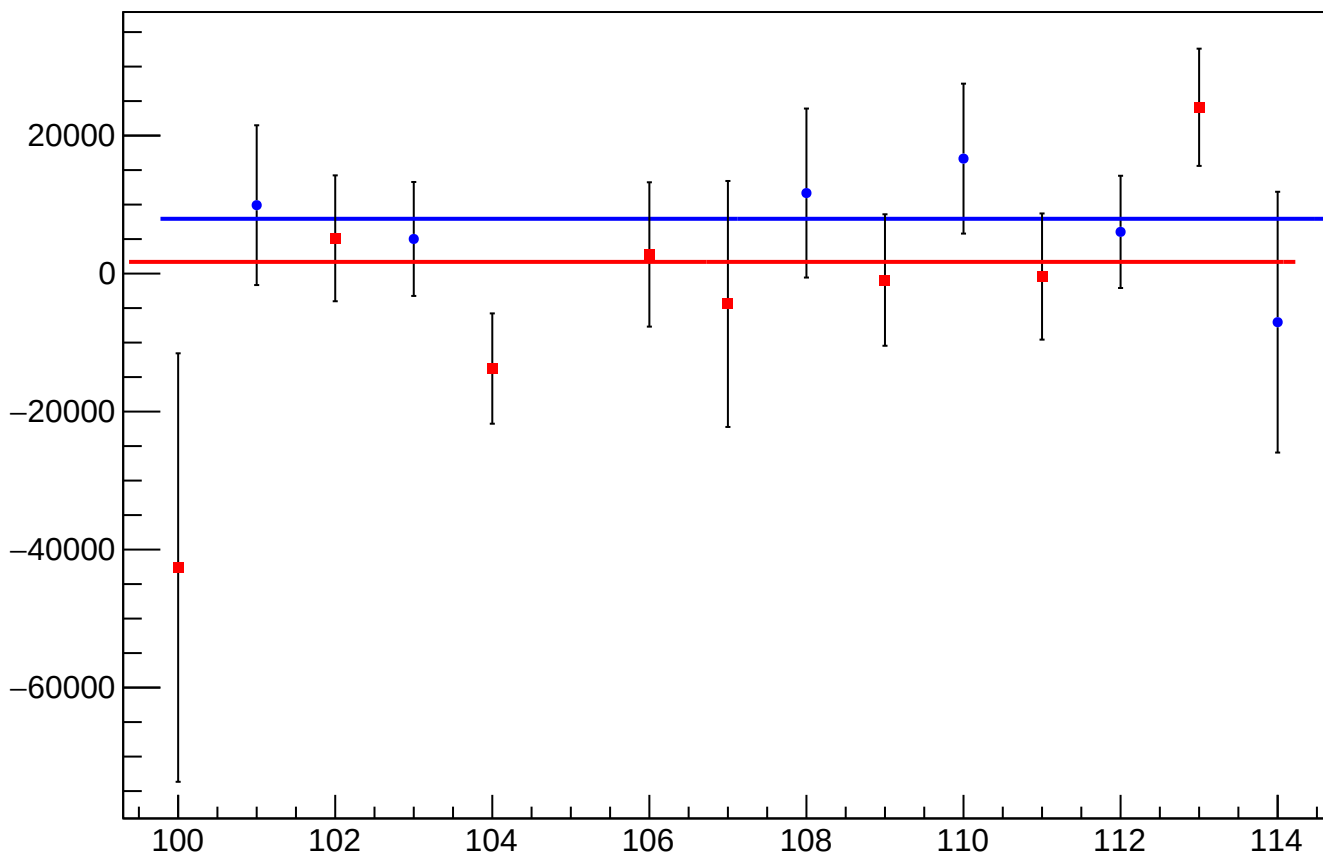
Right: 5930.112+/-1.757 χ^2/NDF : 374941.6/13

In: 6422.516+/-2.836 χ^2/NDF : 125747.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5930.112+/-1.757 χ^2/NDF : 374941.6/13

asym_atl2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

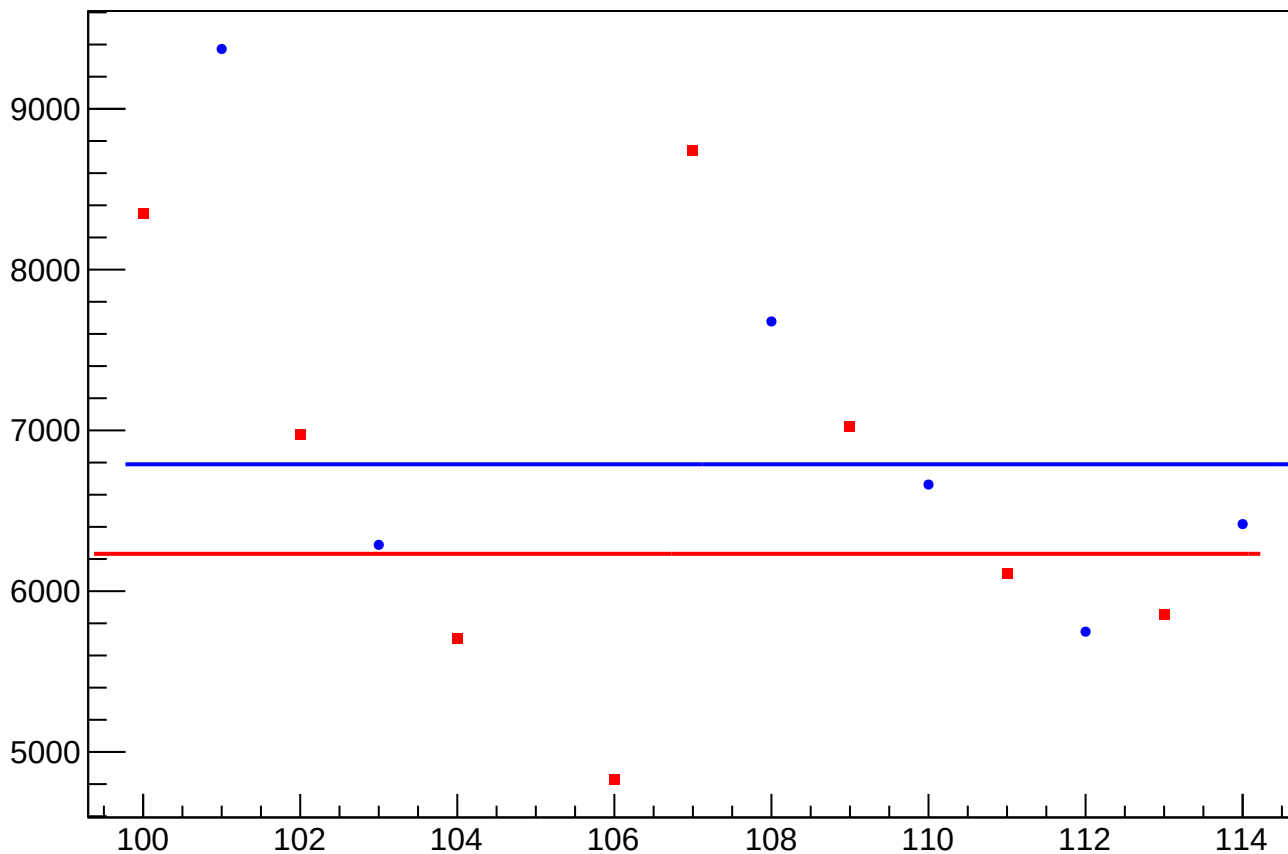
Right: 4286.213+/-2741.932 χ^2/NDF : 16.0/13

In: 7940.671+/-4257.028 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4286.213+/-2741.932 χ^2/NDF : 16.0/13

asym_atl2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

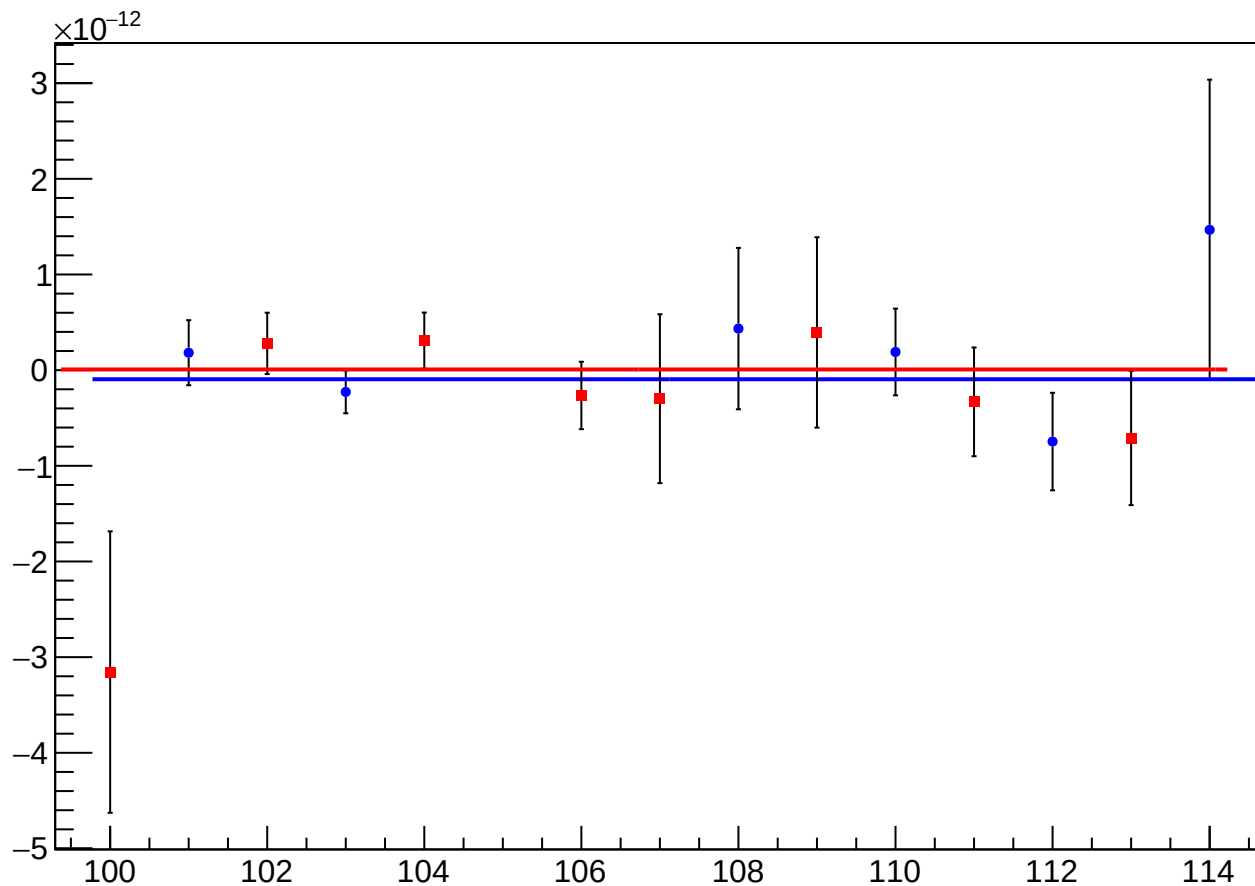
Right: 6463.382+/-1.939 χ^2/NDF : 296168.7/13

In: 6789.167+/-3.010 χ^2/NDF : 151228.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6463.382+/-1.939 χ^2/NDF : 296168.7/13

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

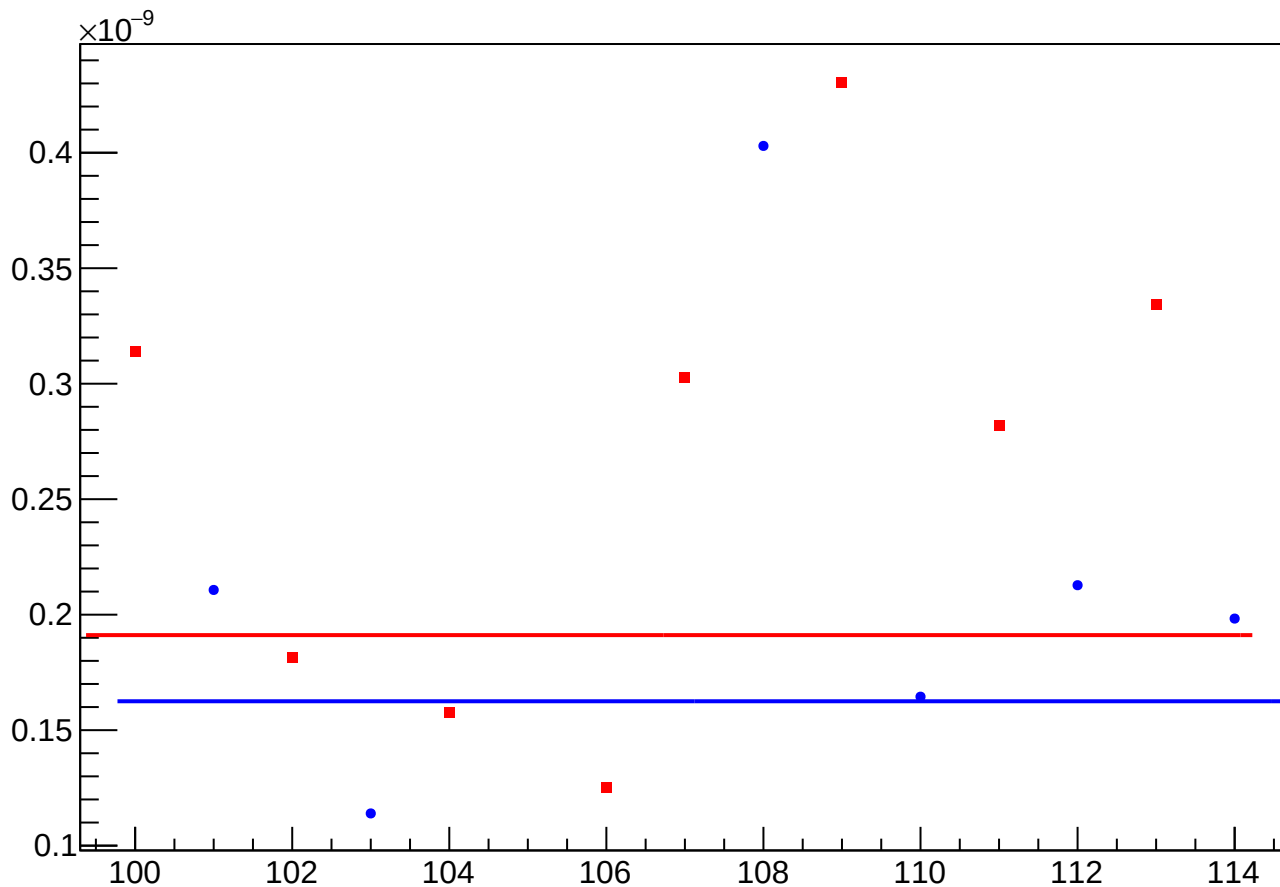
Right: -0.000+/-0.000 χ^2/NDF : 13.3/13

In: -0.000+/-0.000 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/13

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

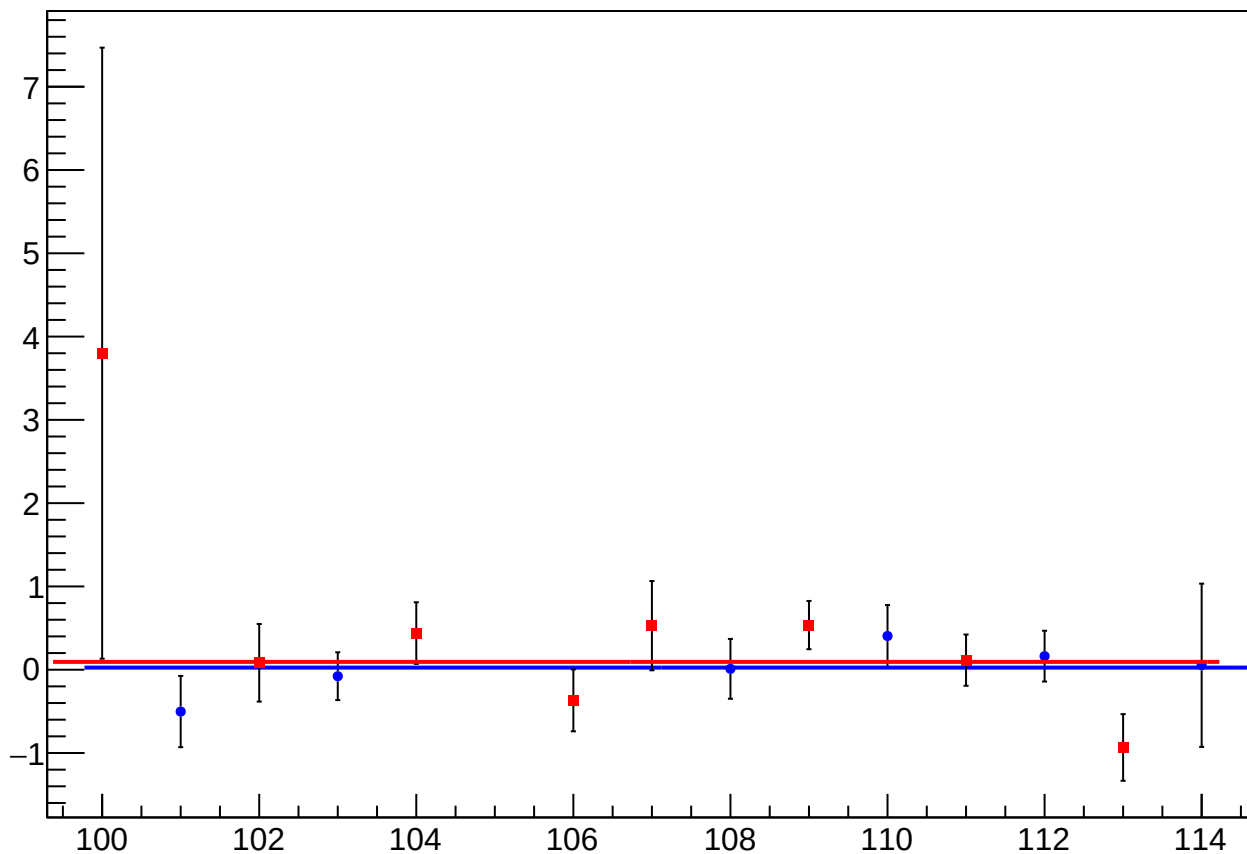
Right: 0.000+/-0.000 χ^2/NDF : 742474.8/13

In: 0.000+/-0.000 χ^2/NDF : 317554.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 742474.8/13

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

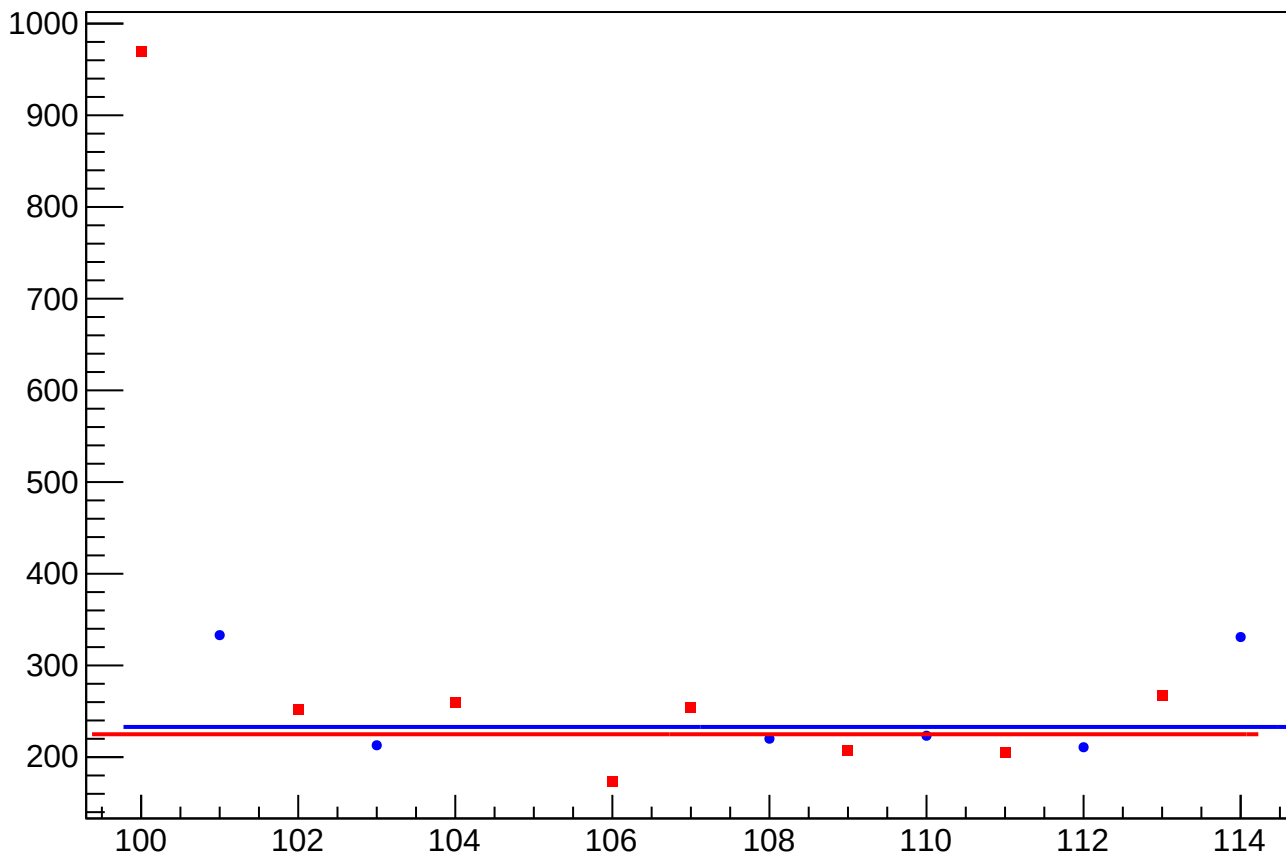
Right: 0.062+/-0.102 χ^2/NDF : 16.0/13

In: 0.025+/-0.150 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.102 χ^2/NDF : 16.0/13

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

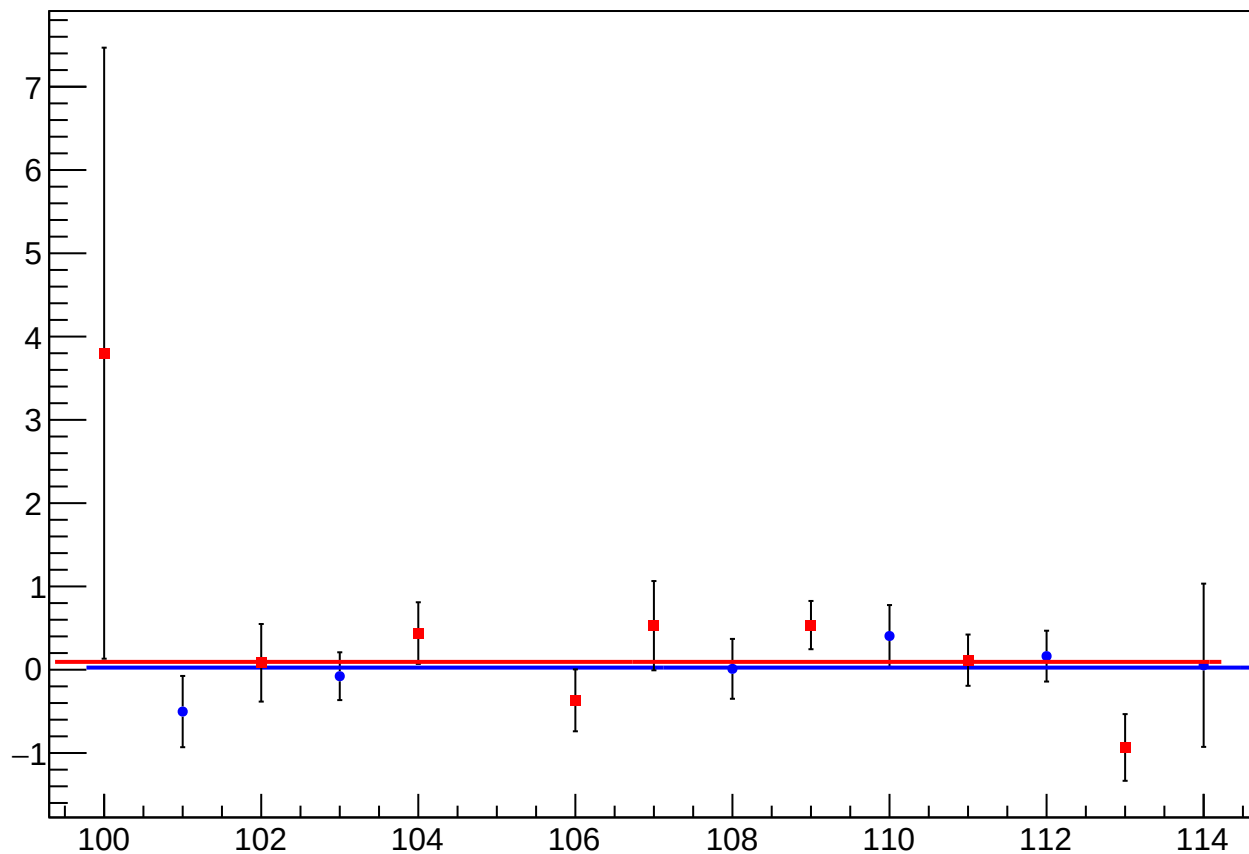
Right: 228.651+/-0.072 χ^2/NDF : 345276.5/13

In: 232.933+/-0.106 χ^2/NDF : 153672.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.651+/-0.072 χ^2/NDF : 345276.5/13

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

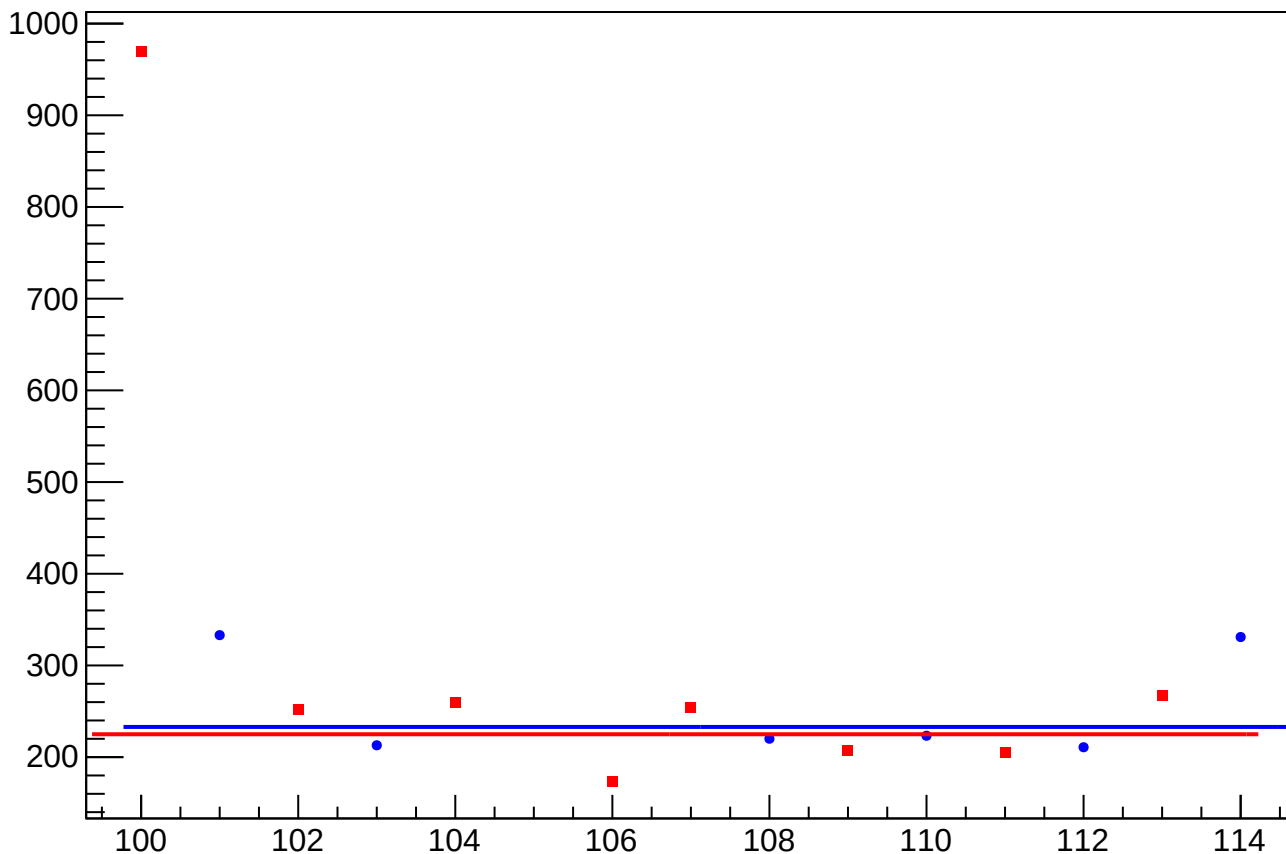
Right: 0.062+/-0.102 χ^2/NDF : 16.0/13

In: 0.025+/-0.150 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.102 χ^2/NDF : 16.0/13

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

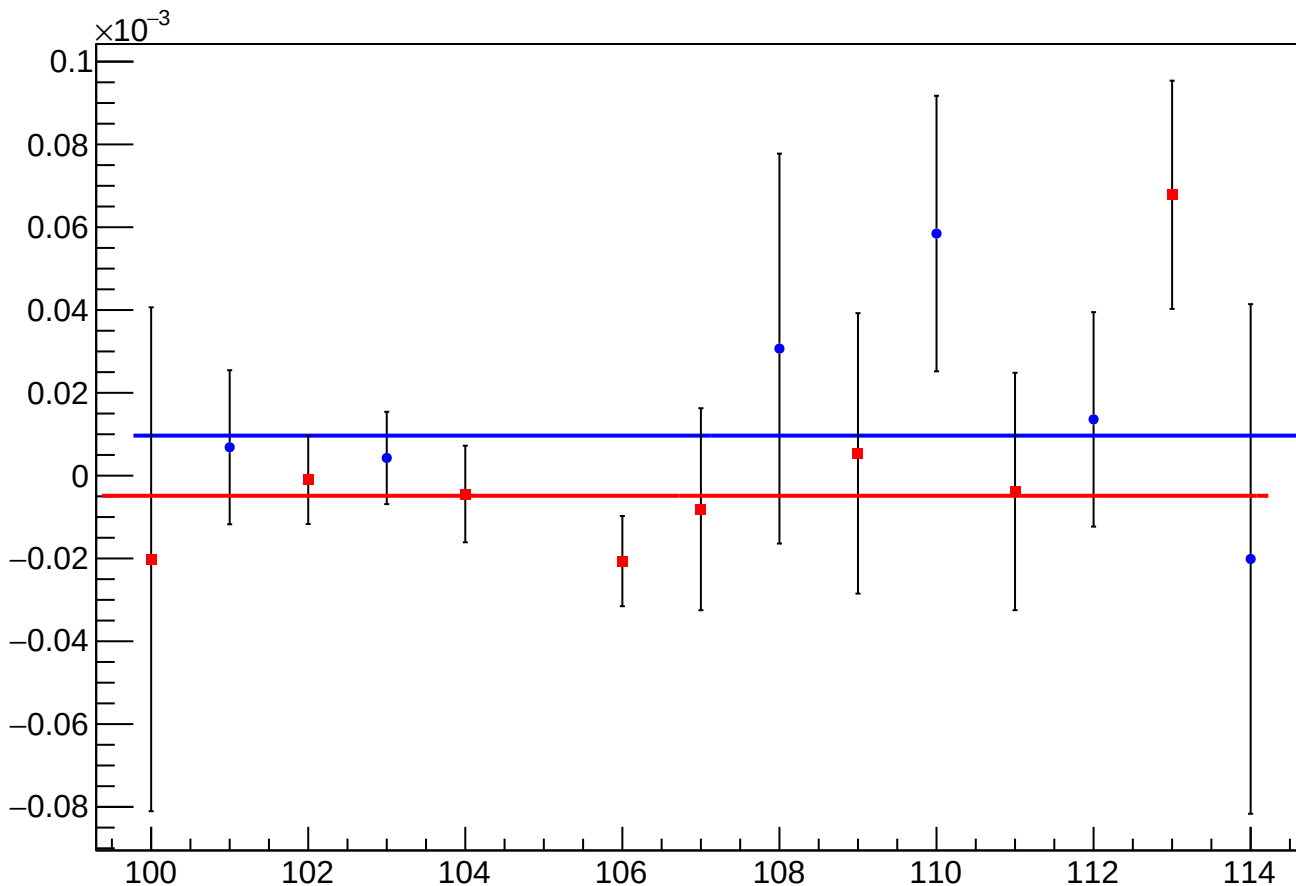
Right: 228.651+/-0.072 χ^2/NDF : 345276.5/13

In: 232.933+/-0.106 χ^2/NDF : 153672.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.651+/-0.072 χ^2/NDF : 345276.5/13

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

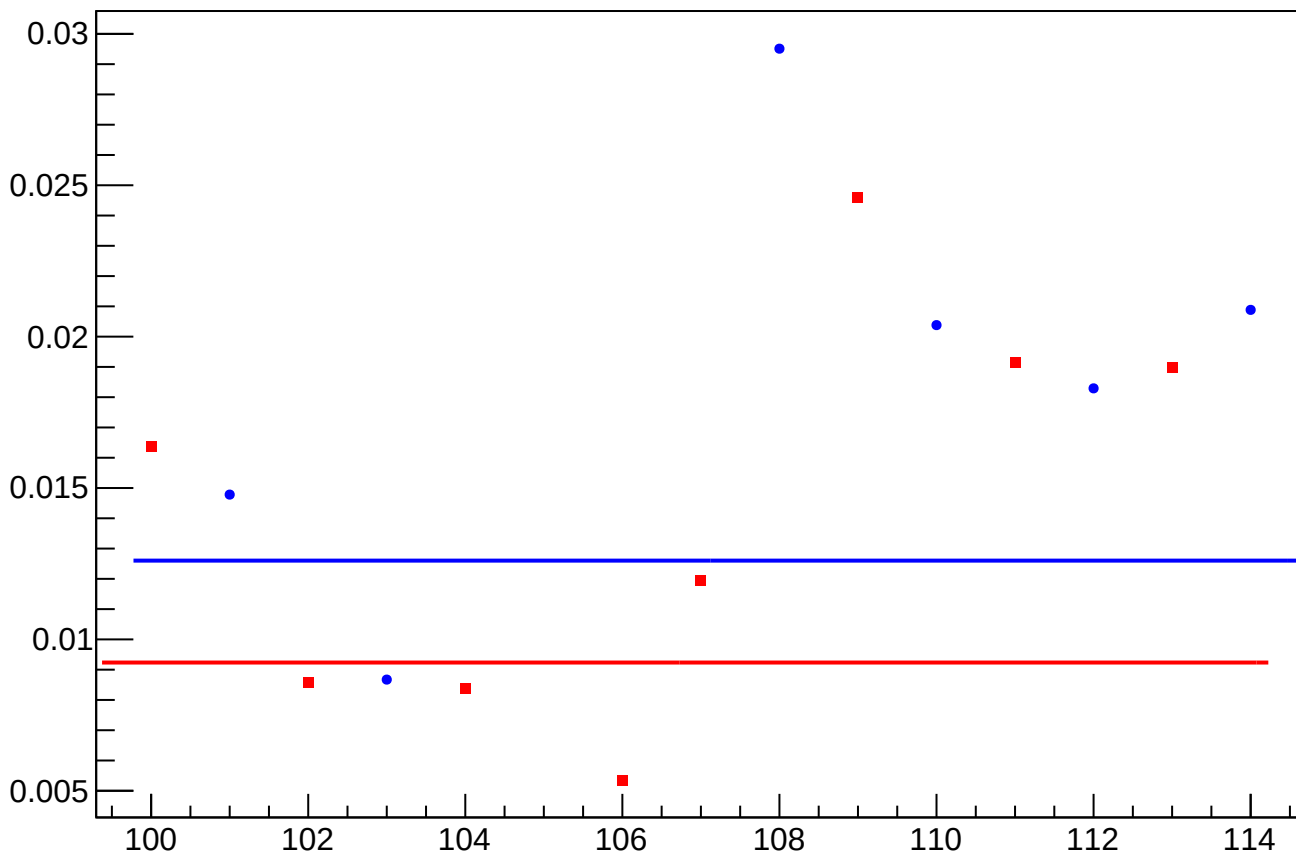
Right: -0.000+/-0.000 χ^2 /NDF: 14.2/13

In: 0.000+/-0.000 χ^2 /NDF:2.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.2/13

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

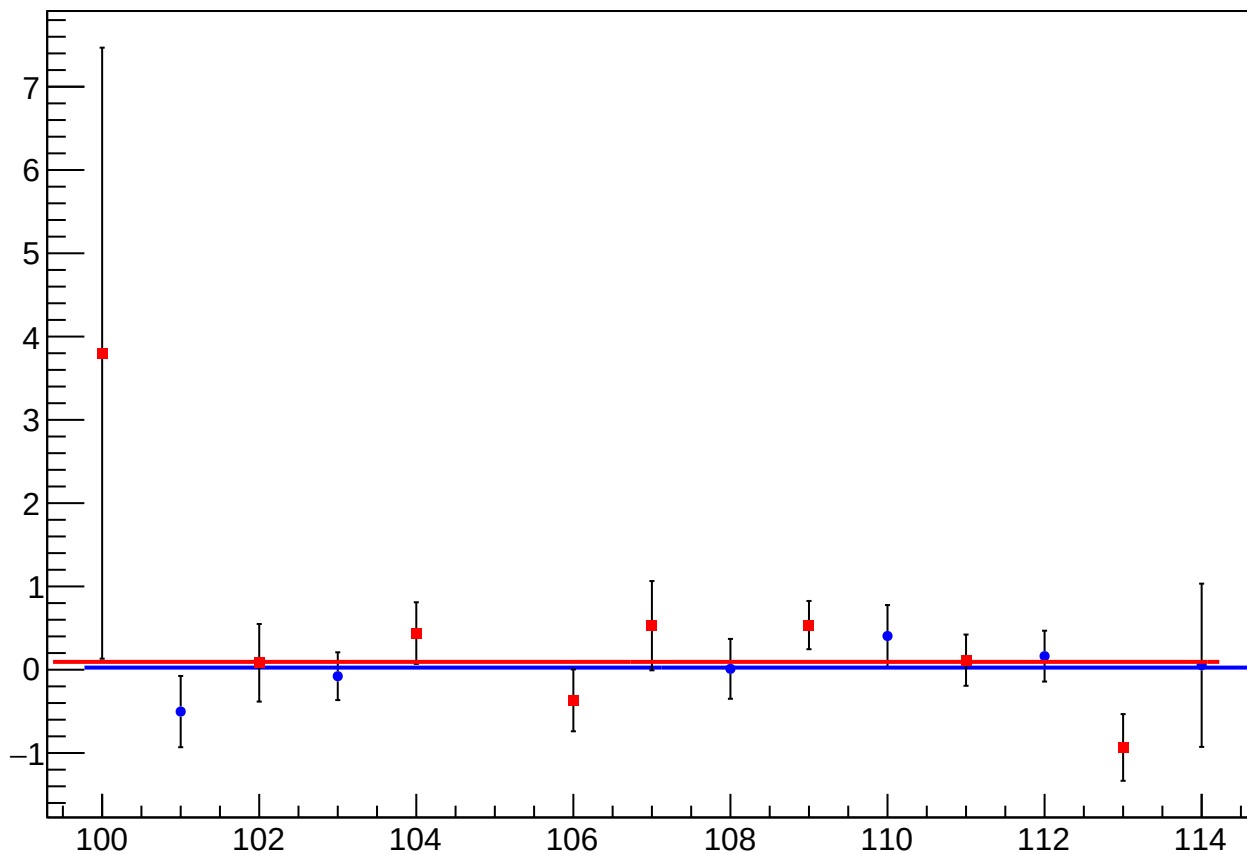
Right: 0.010+/-0.000 χ^2/NDF : 2220059.1/13

In: 0.013+/-0.000 χ^2/NDF : 776005.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2220059.1/13

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

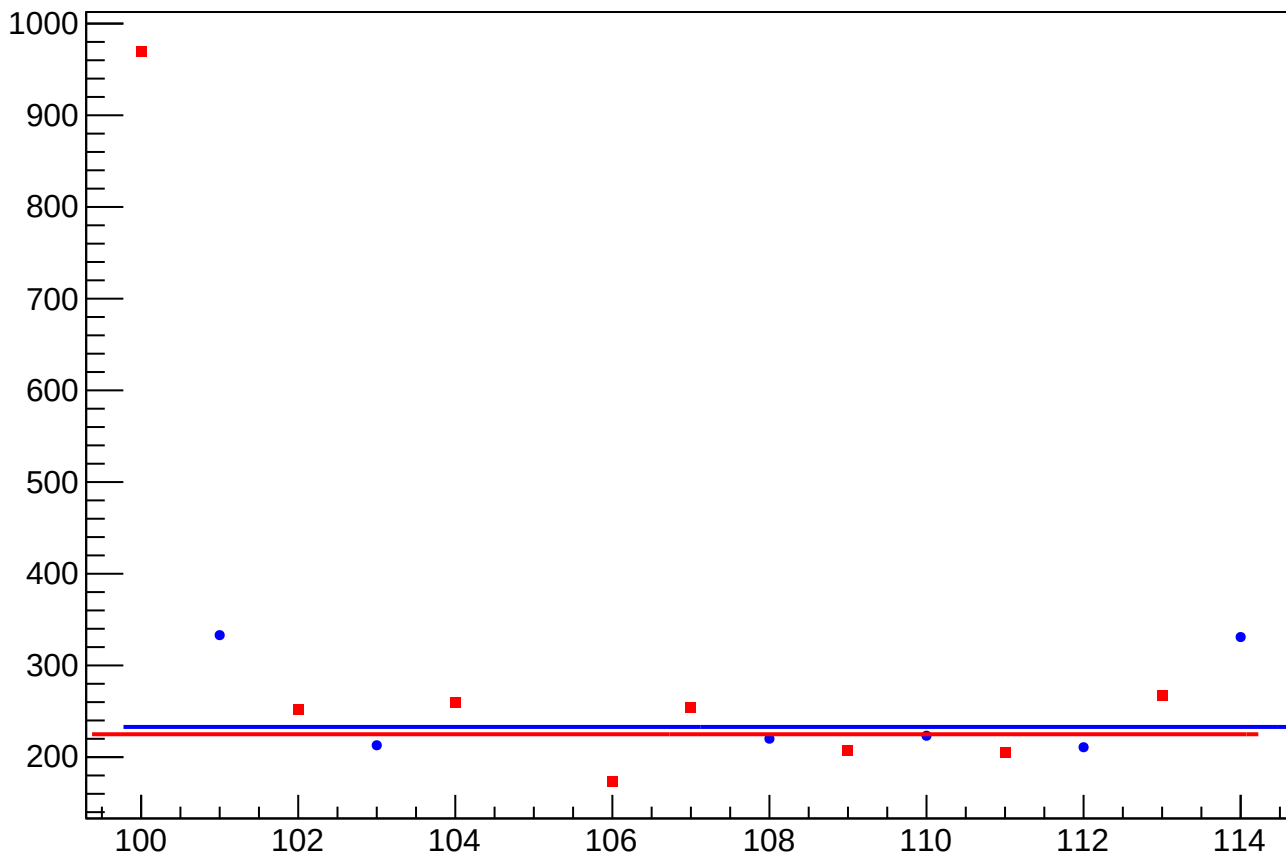
Right: 0.062 $\pm$ 0.102 χ^2 /NDF: 16.0/13

In: 0.025 $\pm$ 0.150 χ^2 /NDF:2.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.062 $\pm$ 0.102 χ^2 /NDF: 16.0/13

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

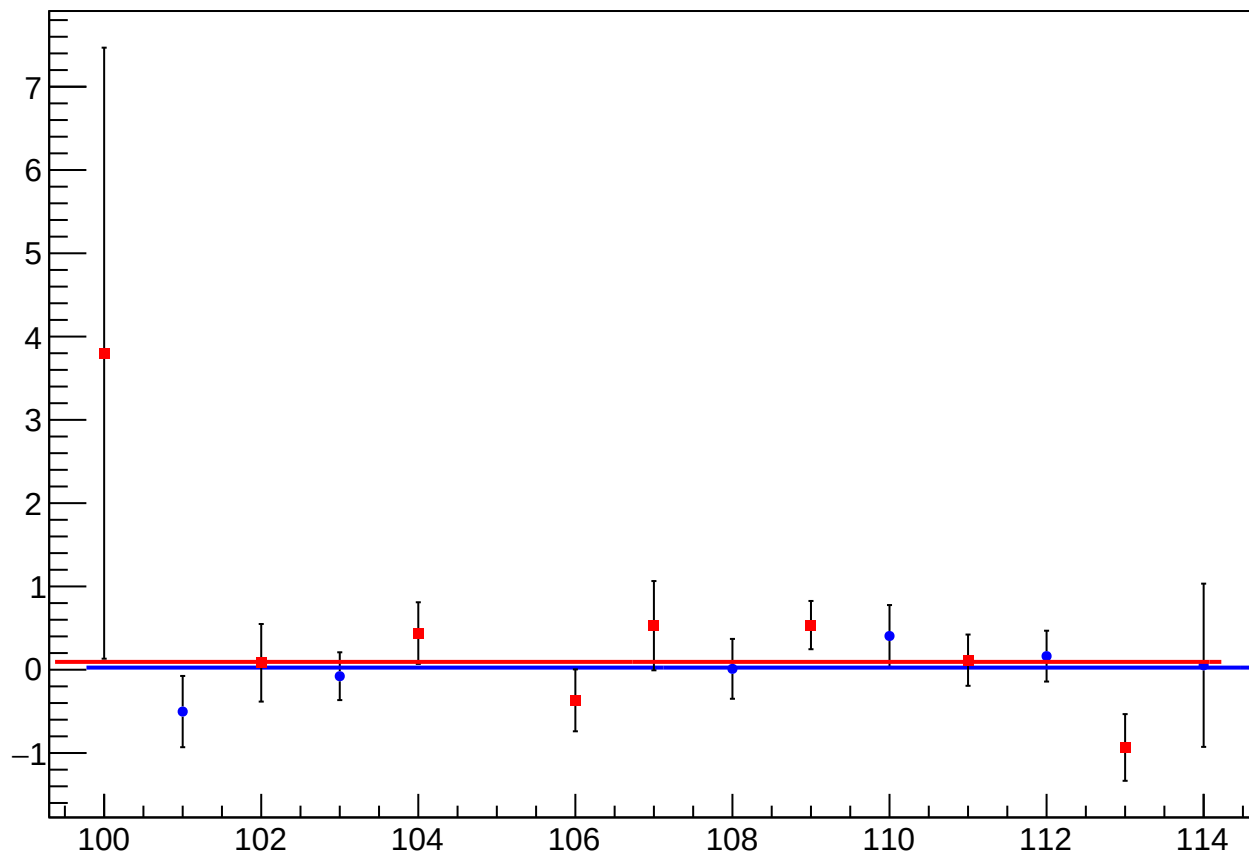
Right: 228.656+/-0.072 χ^2/NDF : 345232.6/13

In: 232.940+/-0.106 χ^2/NDF : 153639.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.656+/-0.072 χ^2/NDF : 345232.6/13

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

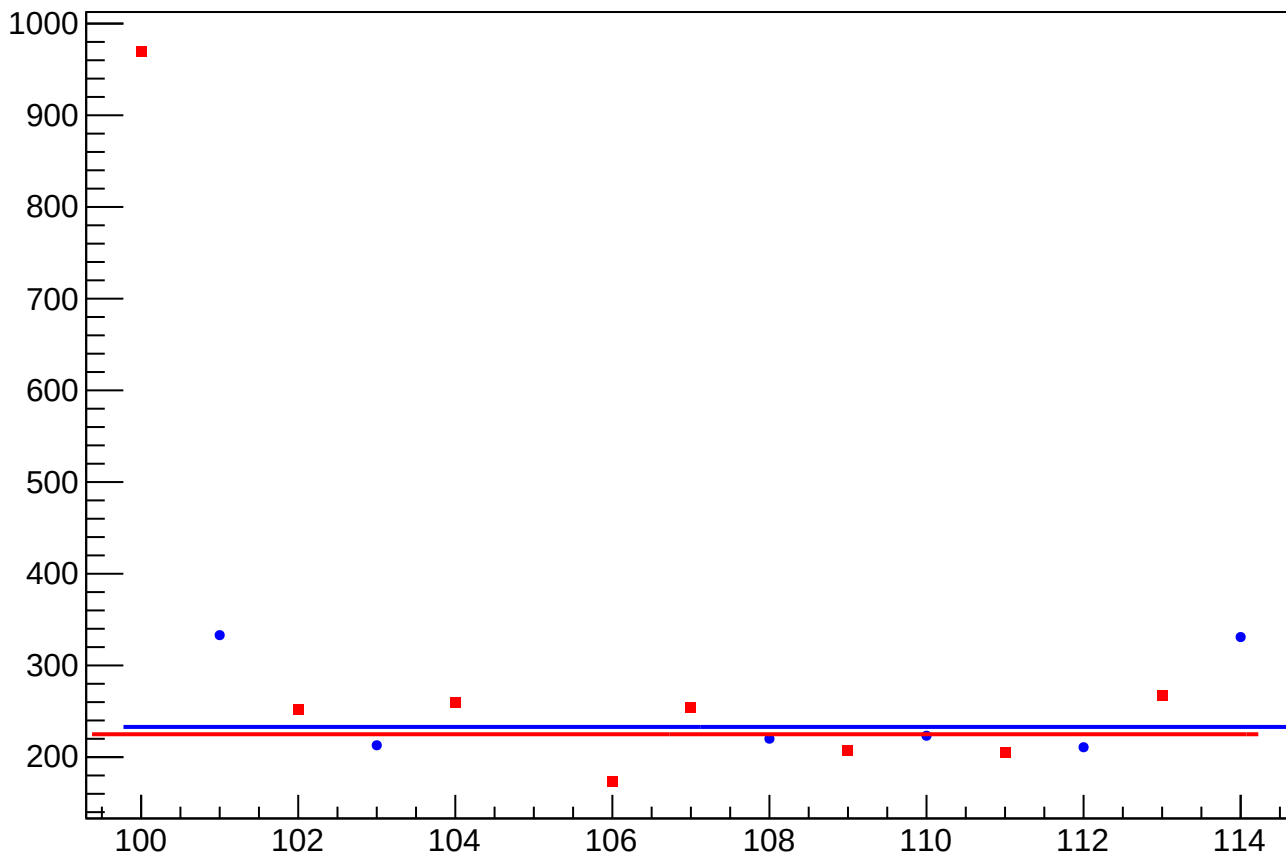
Right: 0.062 $\pm$ 0.102 χ^2/NDF : 16.0/13

In: 0.025 $\pm$ 0.150 χ^2/NDF : 2.9/5

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

All: 0.062 $\pm$ 0.102 χ^2/NDF : 16.0/13

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

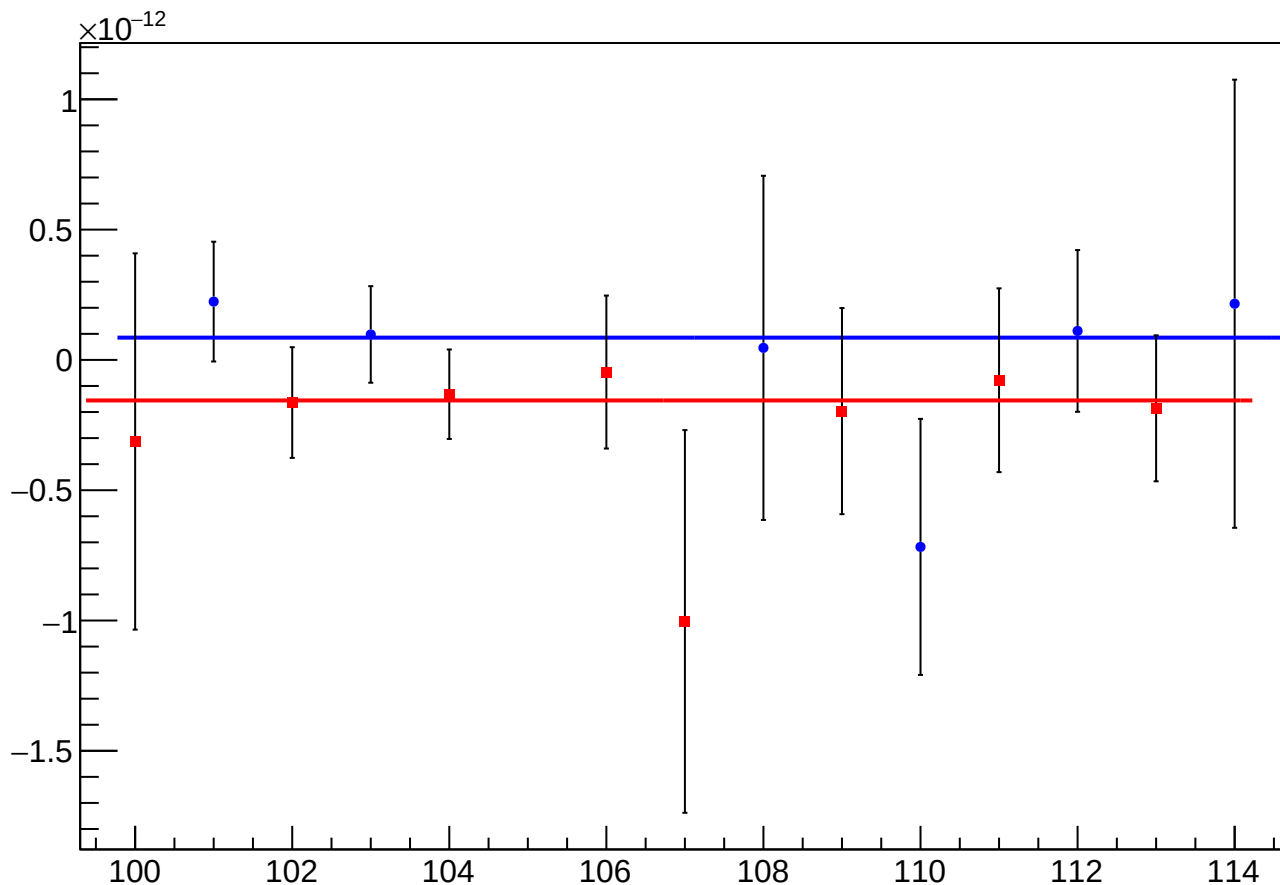
Right: 228.656+/-0.072 χ^2/NDF : 345232.6/13

In: 232.940+/-0.106 χ^2/NDF : 153639.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.656+/-0.072 χ^2/NDF : 345232.6/13

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

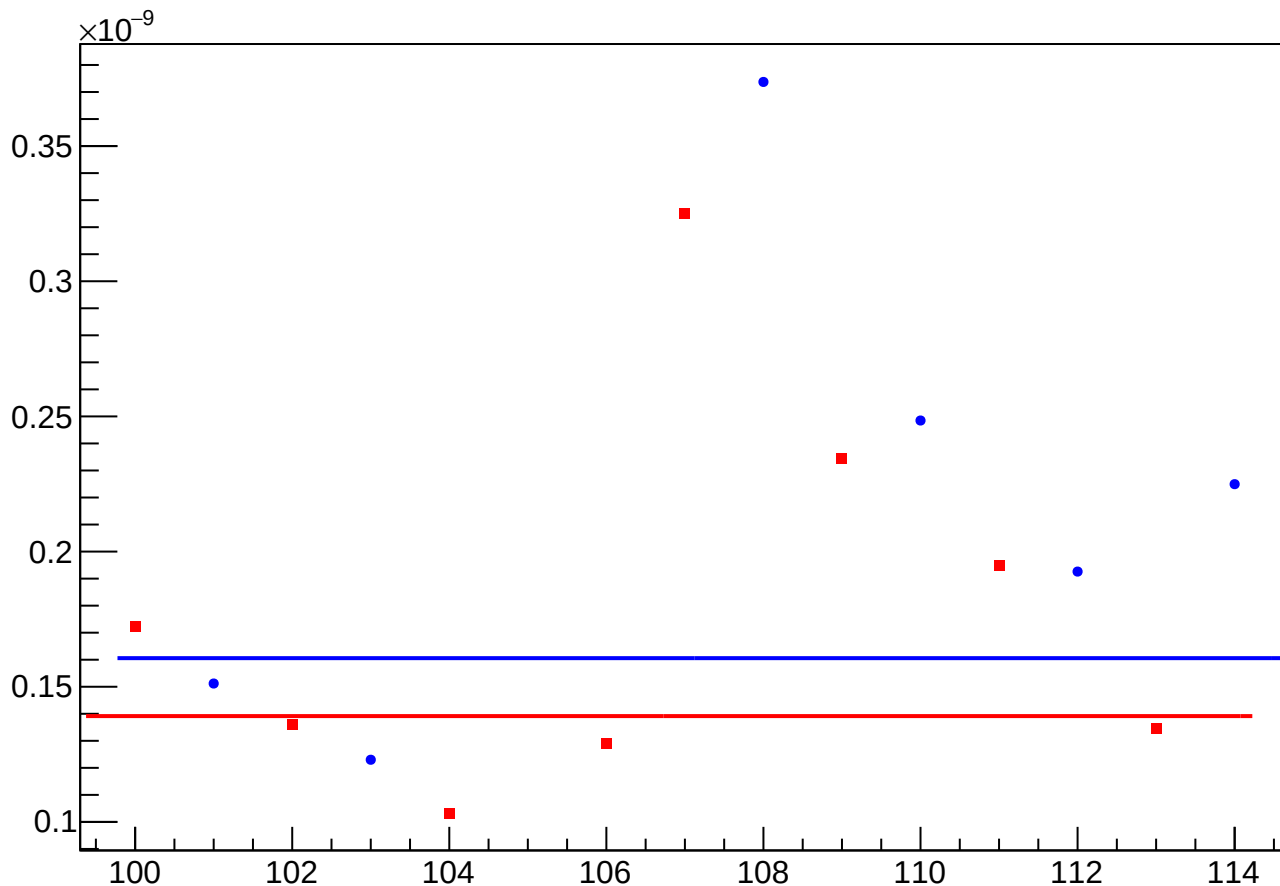
Right: -0.000+/-0.000 χ^2/NDF : 7.0/13

In: 0.000+/-0.000 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/13

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

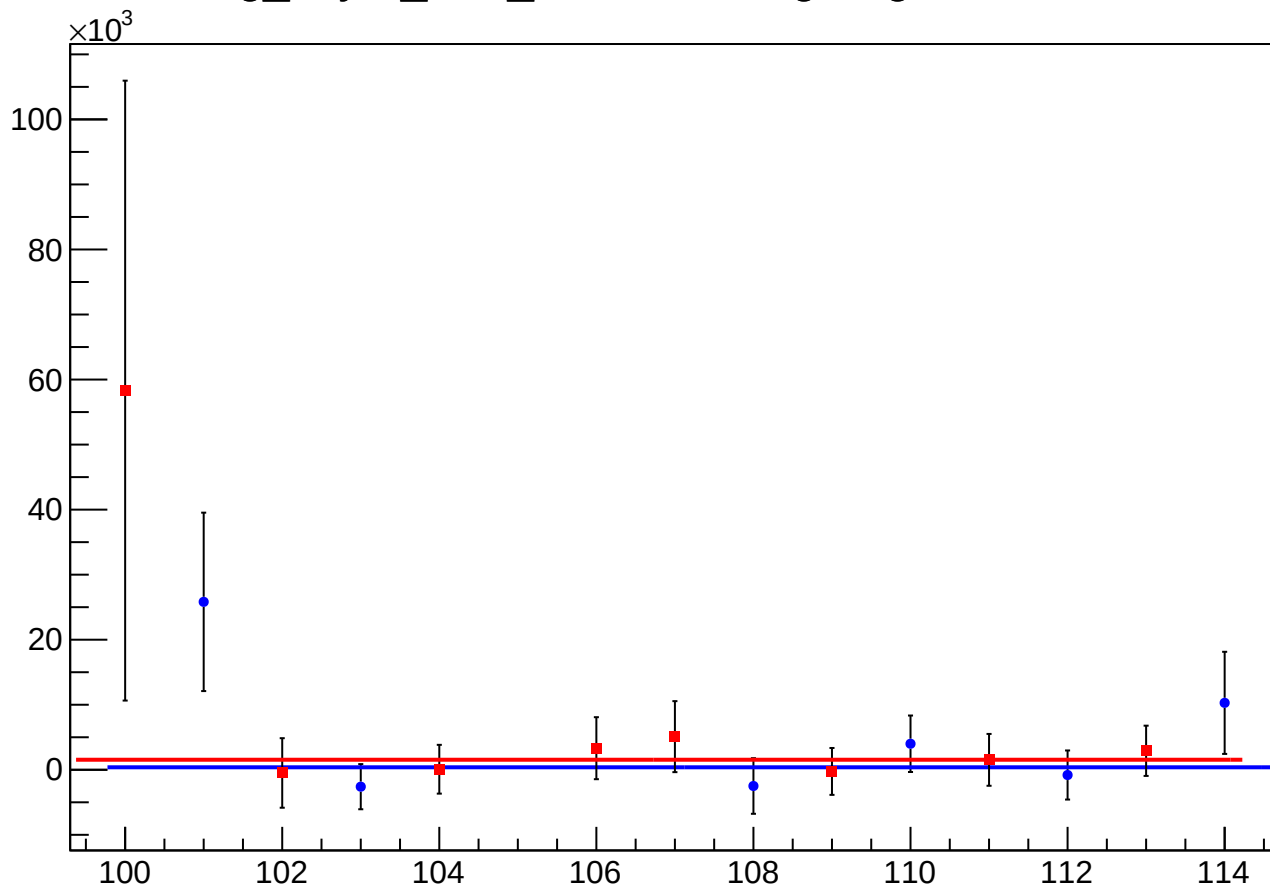
Right: 0.000+/-0.000 χ^2/NDF : 816553.5/13

In: 0.000+/-0.000 χ^2/NDF : 390571.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 816553.5/13

reg_asym_atr1_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

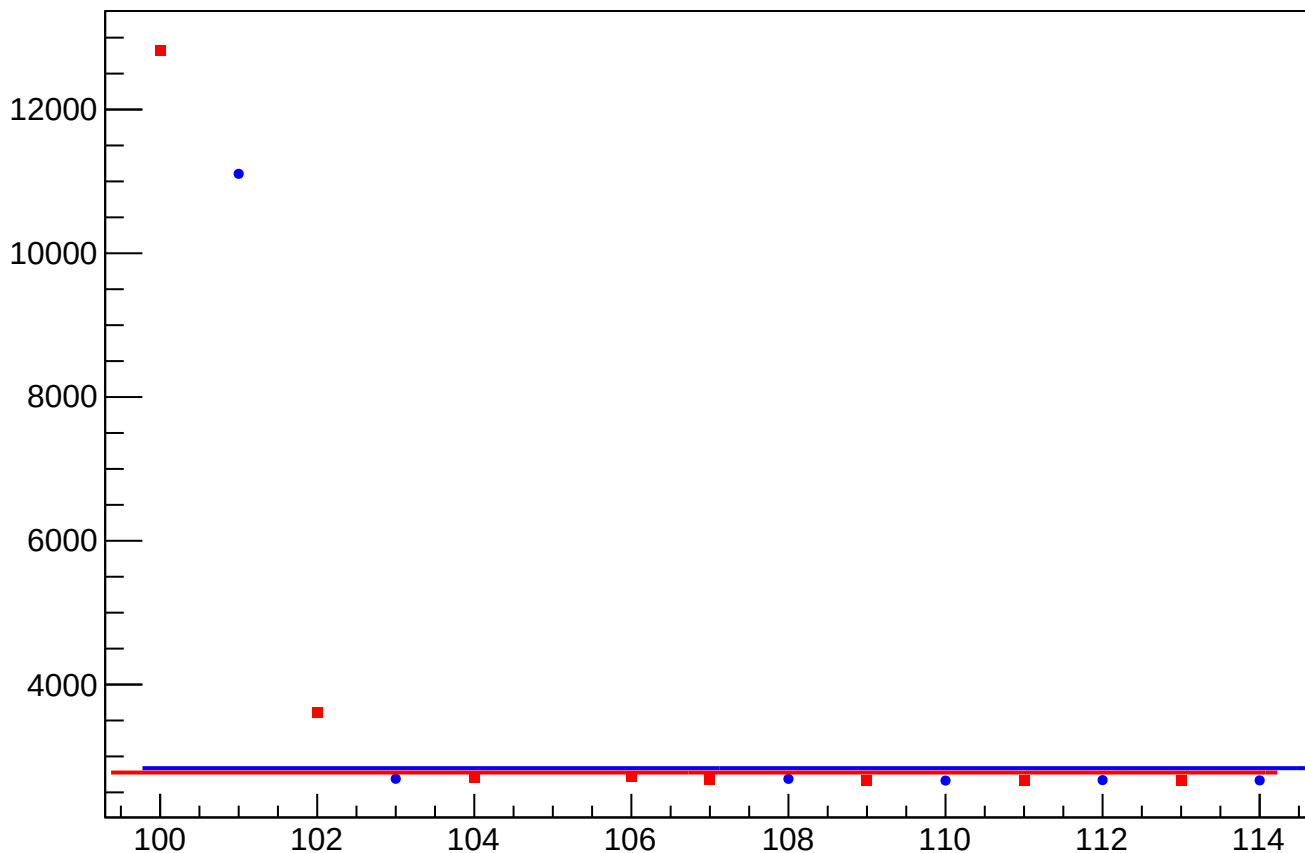
Right: 1056.744 ± 1218.520 χ^2/NDF : 9.9/13

In: 381.695 ± 1881.426 χ^2/NDF : 7.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1056.744 ± 1218.520 χ^2/NDF : 9.9/13

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2836.596+/-1.330 χ^2/NDF : 740905.2/5

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

Right Out: 2775.833+/-1.131 χ^2/NDF : 143826.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

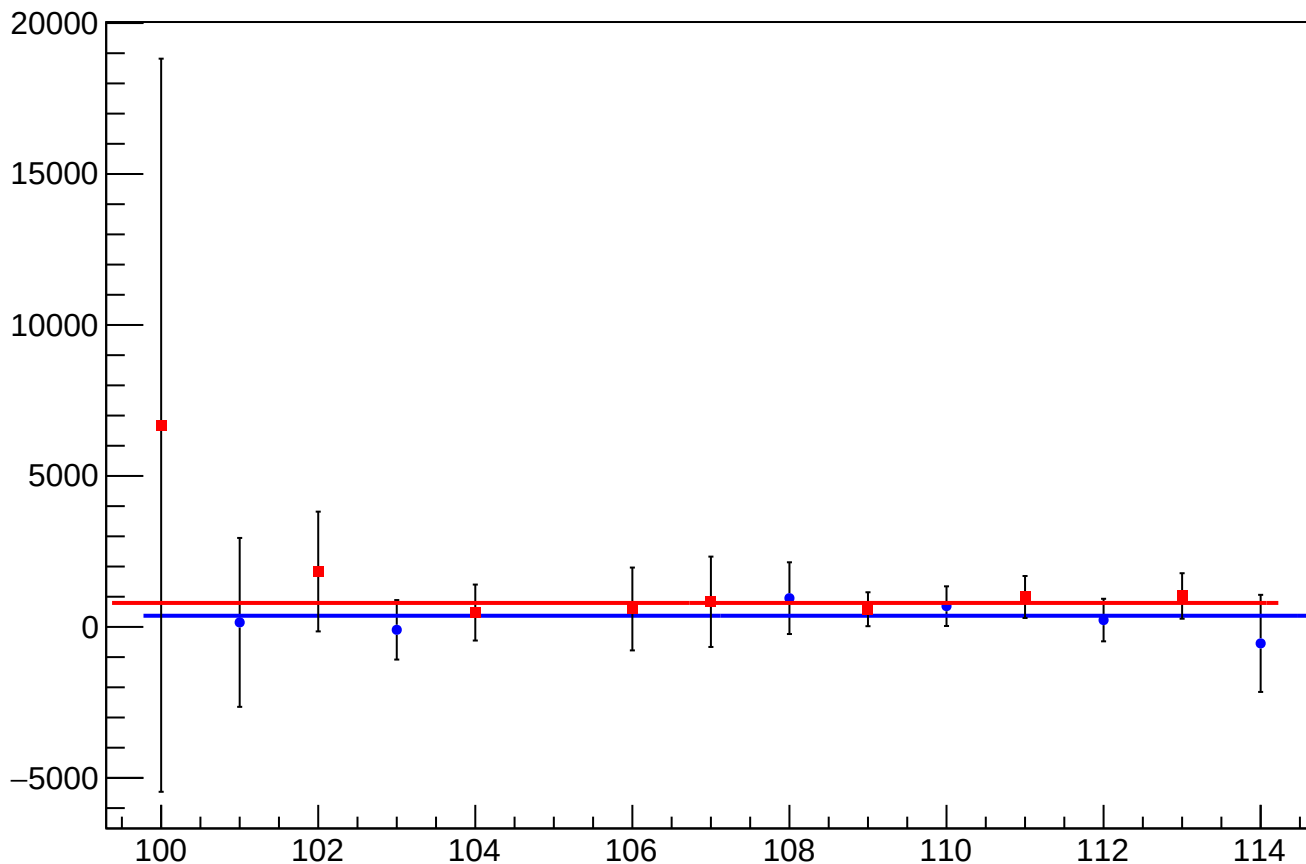
Right: 2801.321+/-0.862 χ^2/NDF : 885942.7/13

In: 2836.596+/-1.330 χ^2/NDF : 740905.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2801.321+/-0.862 χ^2/NDF : 885942.7/13

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

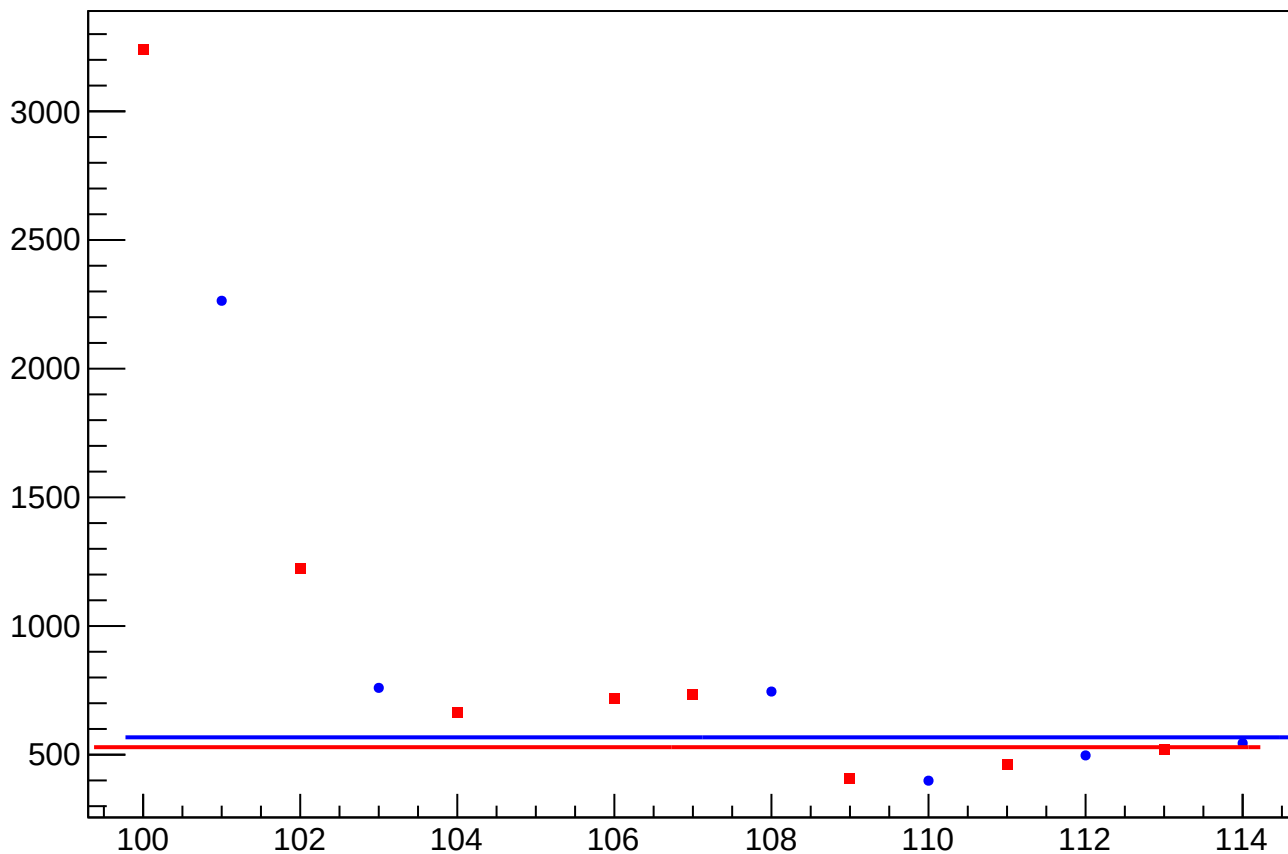
Right: 619.474+/-250.099 χ^2/NDF : 2.7/13

In: 369.968+/-389.666 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.474+/-250.099 χ^2/NDF : 2.7/13

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

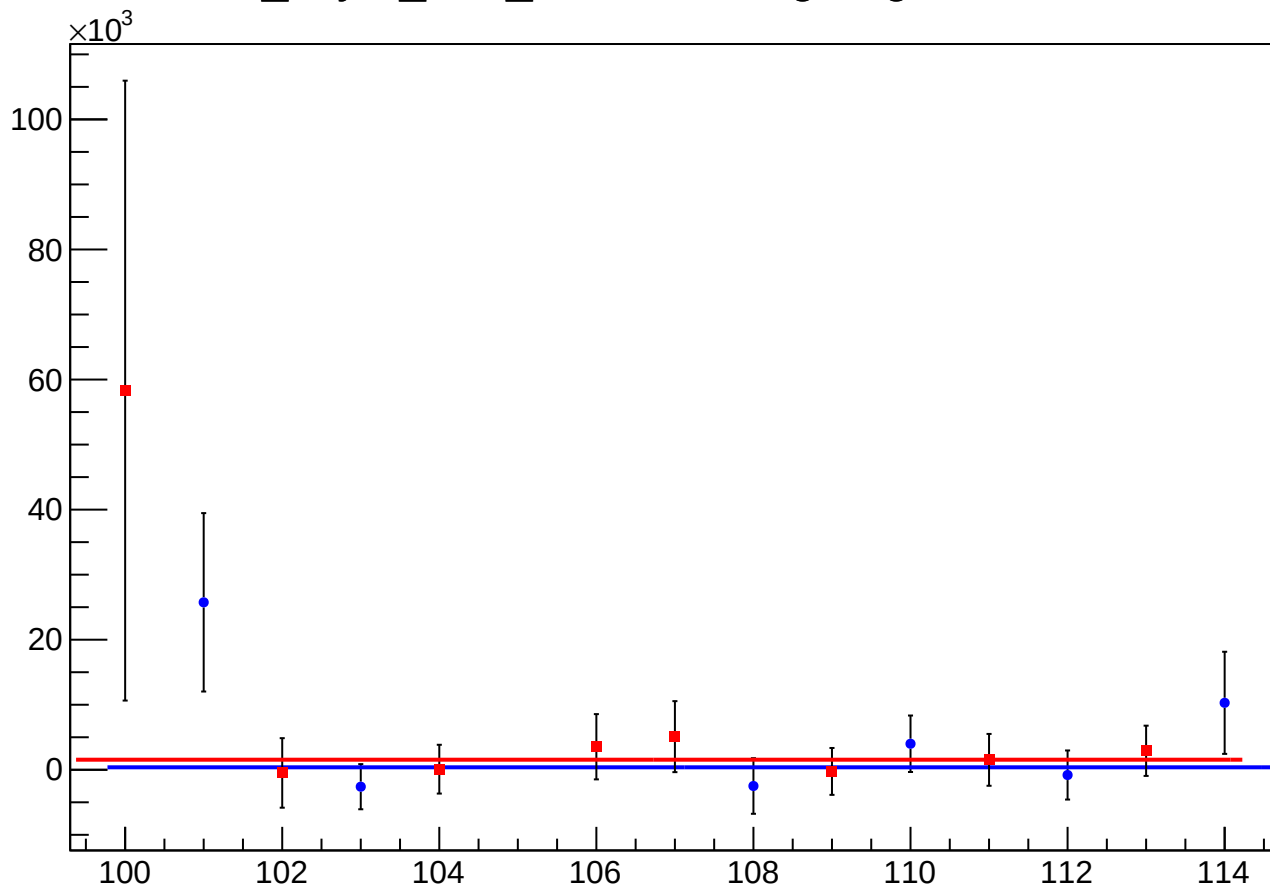
Right: 544.991+/-0.177 χ^2/NDF : 1597109.5/13

In: 567.528+/-0.276 χ^2/NDF : 1008467.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.991+/-0.177 χ^2/NDF : 1597109.5/13

cor_asym_atr1_mean vs Slug, Sign Corrected



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

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

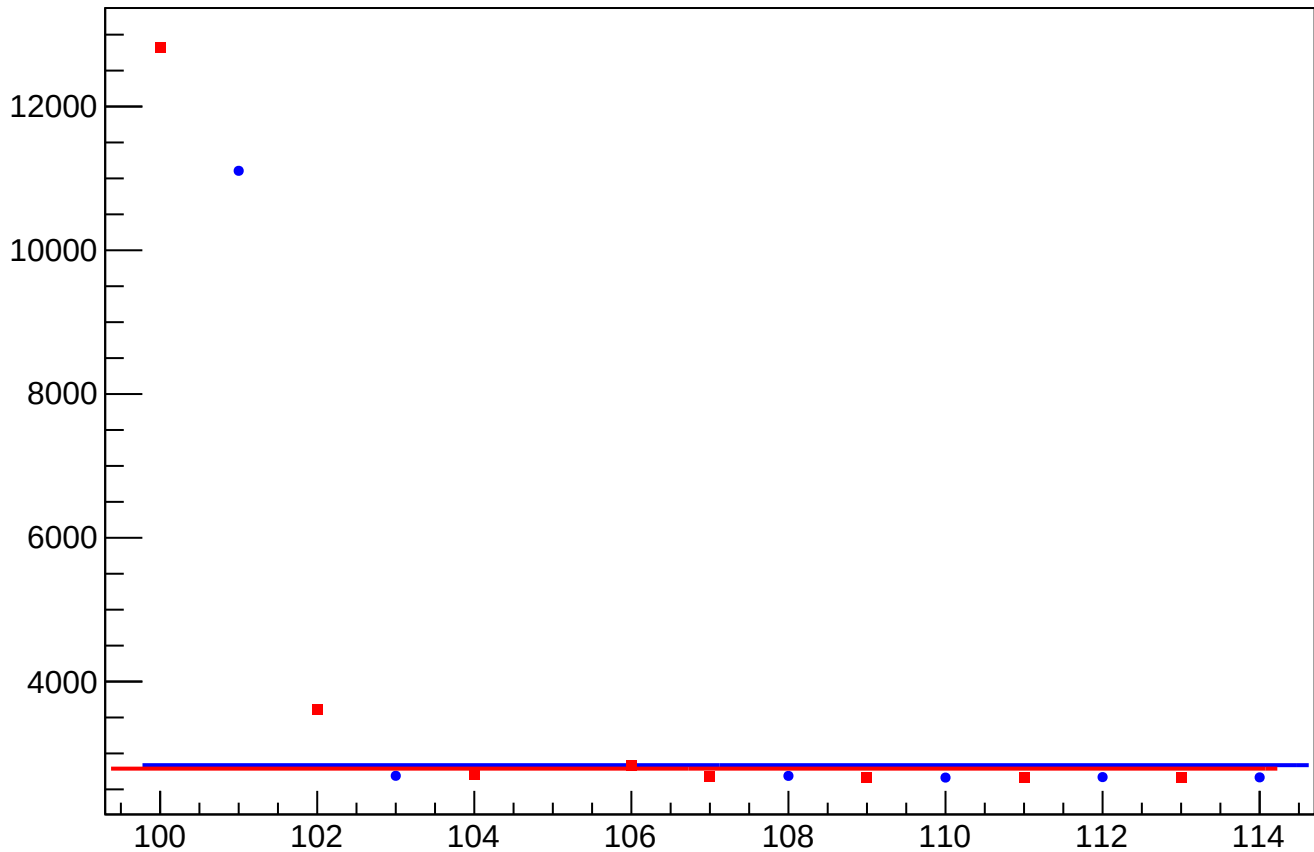
Right: 1055.775 $\pm$ 1222.412 χ^2/NDF : 9.9/13

In: 379.939 $\pm$ 1881.427 χ^2/NDF : 7.0/5

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

All: 1055.775 $\pm$ 1222.412 χ^2/NDF : 9.9/13

cor_asym_atr1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

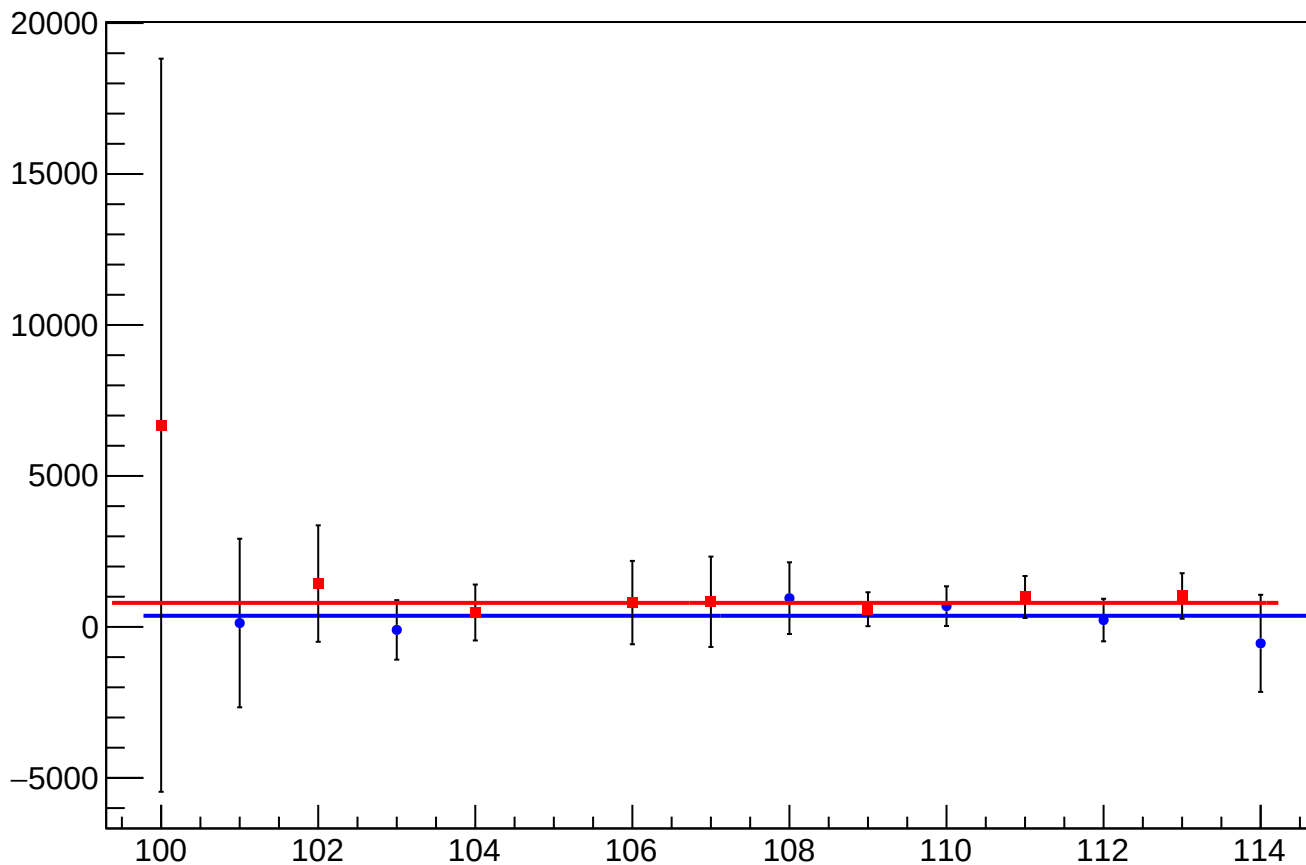
Right: 2808.804+/-0.864 χ^2/NDF : 885416.7/13

In: 2836.596+/-1.330 χ^2/NDF : 740904.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.804+/-0.864 χ^2/NDF : 885416.7/13

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 369.351+/-389.633 χ^2/NDF : 1.1/5

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

Right Out: 796.620+/-325.983 χ^2/NDF : 0.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

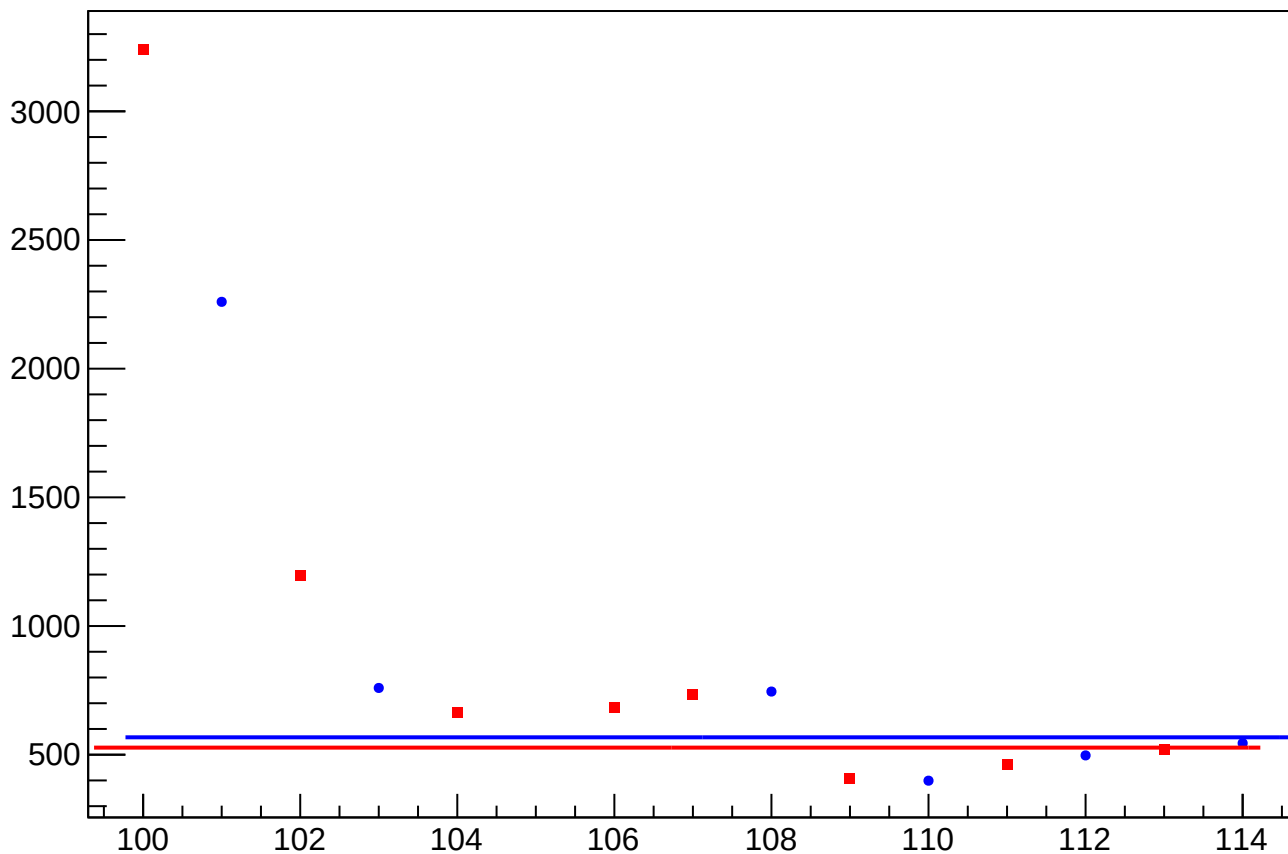
Right: 620.691+/-250.020 χ^2/NDF : 2.6/13

In: 369.351+/-389.633 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.691+/-250.020 χ^2/NDF : 2.6/13

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 567.557+/-0.276 χ^2/NDF : 1007458.4/5

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

Right Out: 527.526+/-0.231 χ^2/NDF : 560436.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

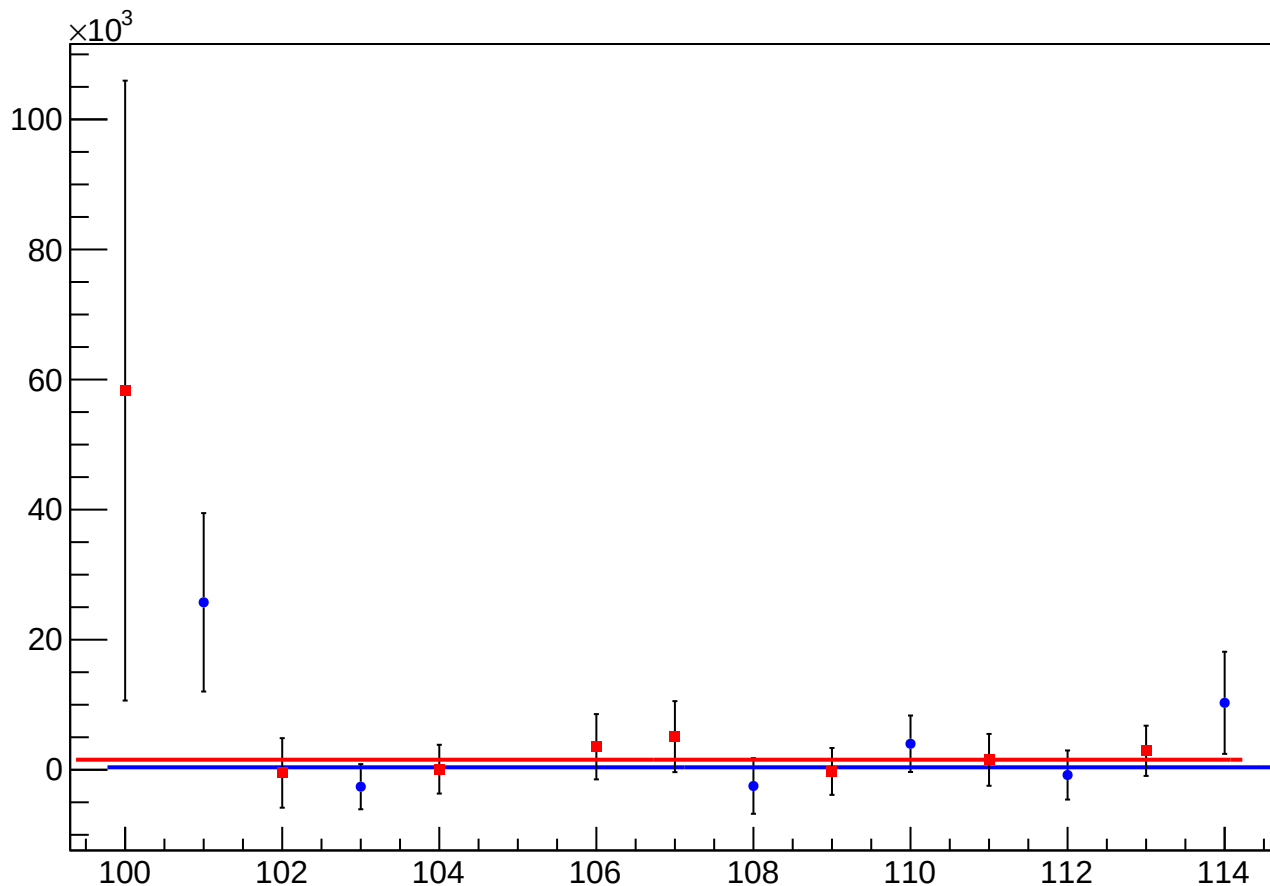
Right: 544.009+/-0.177 χ^2/NDF : 1580313.2/13

In: 567.557+/-0.276 χ^2/NDF : 1007458.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.009+/-0.177 χ^2/NDF : 1580313.2/13

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

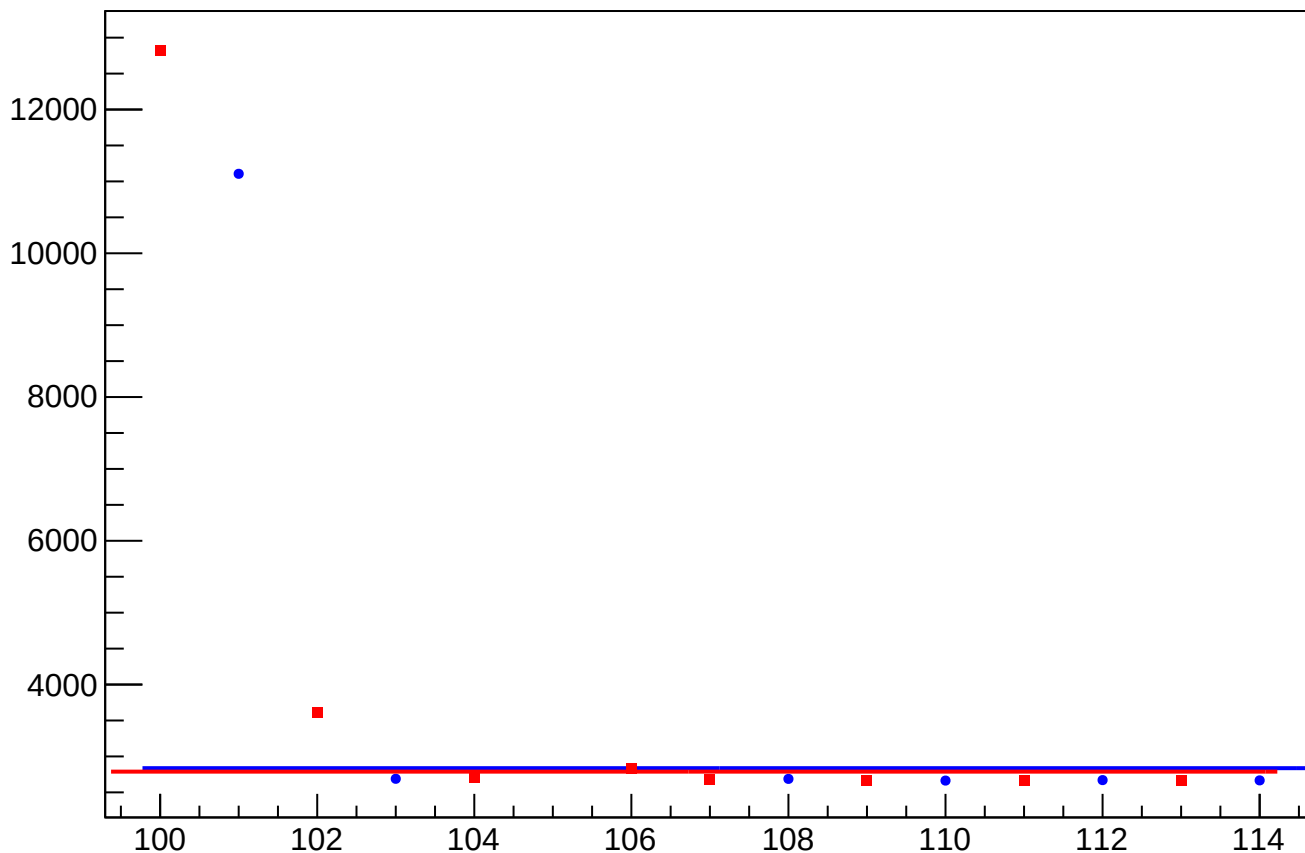
Right: 1055.775+/-1222.412 χ^2/NDF : 9.9/13

In: 379.939+/-1881.427 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1055.775+/-1222.412 χ^2/NDF : 9.9/13

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

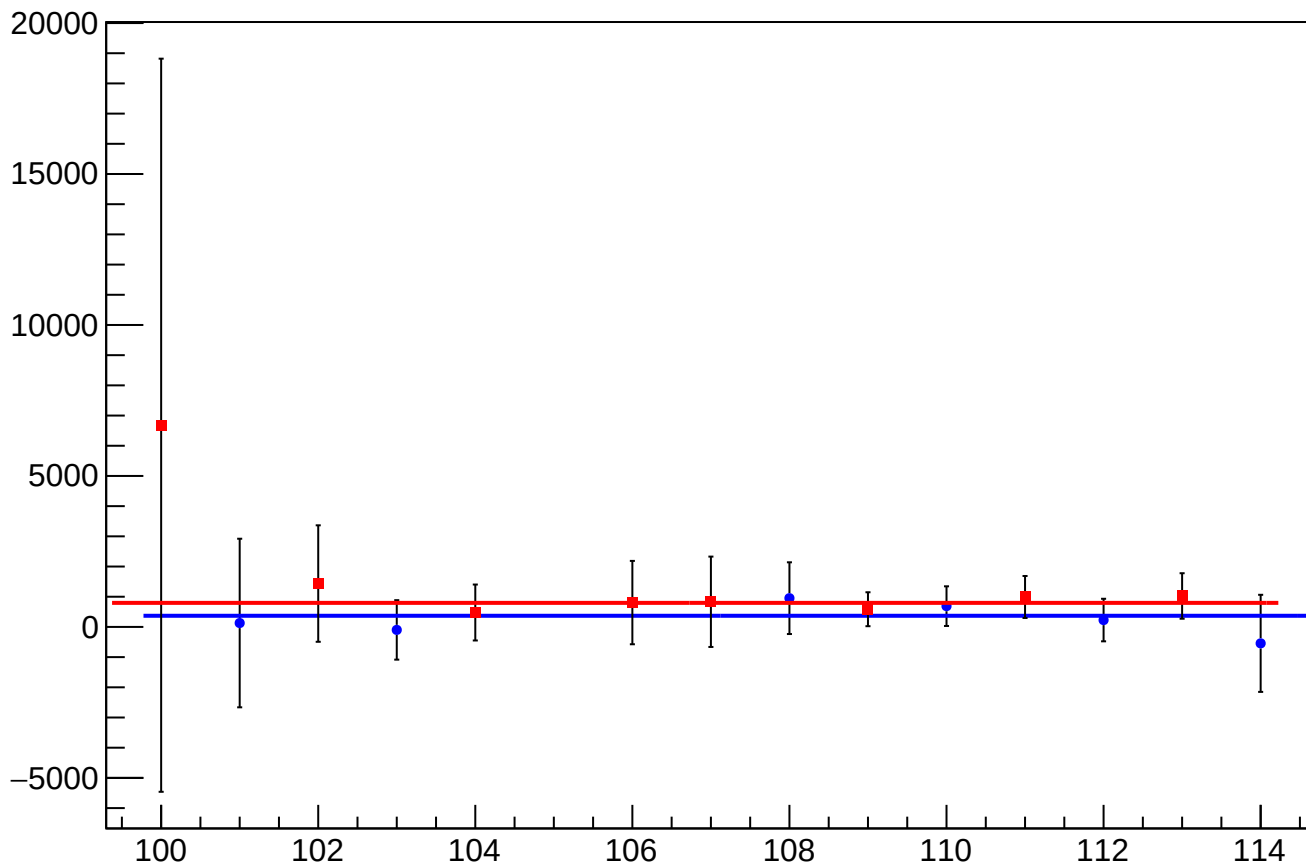
Right: 2808.804+/-0.864 χ^2/NDF : 885416.7/13

In: 2836.596+/-1.330 χ^2/NDF : 740904.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.804+/-0.864 χ^2/NDF : 885416.7/13

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 369.351+/-389.633 χ^2/NDF : 1.1/5

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

Right Out: 796.620+/-325.983 χ^2/NDF : 0.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

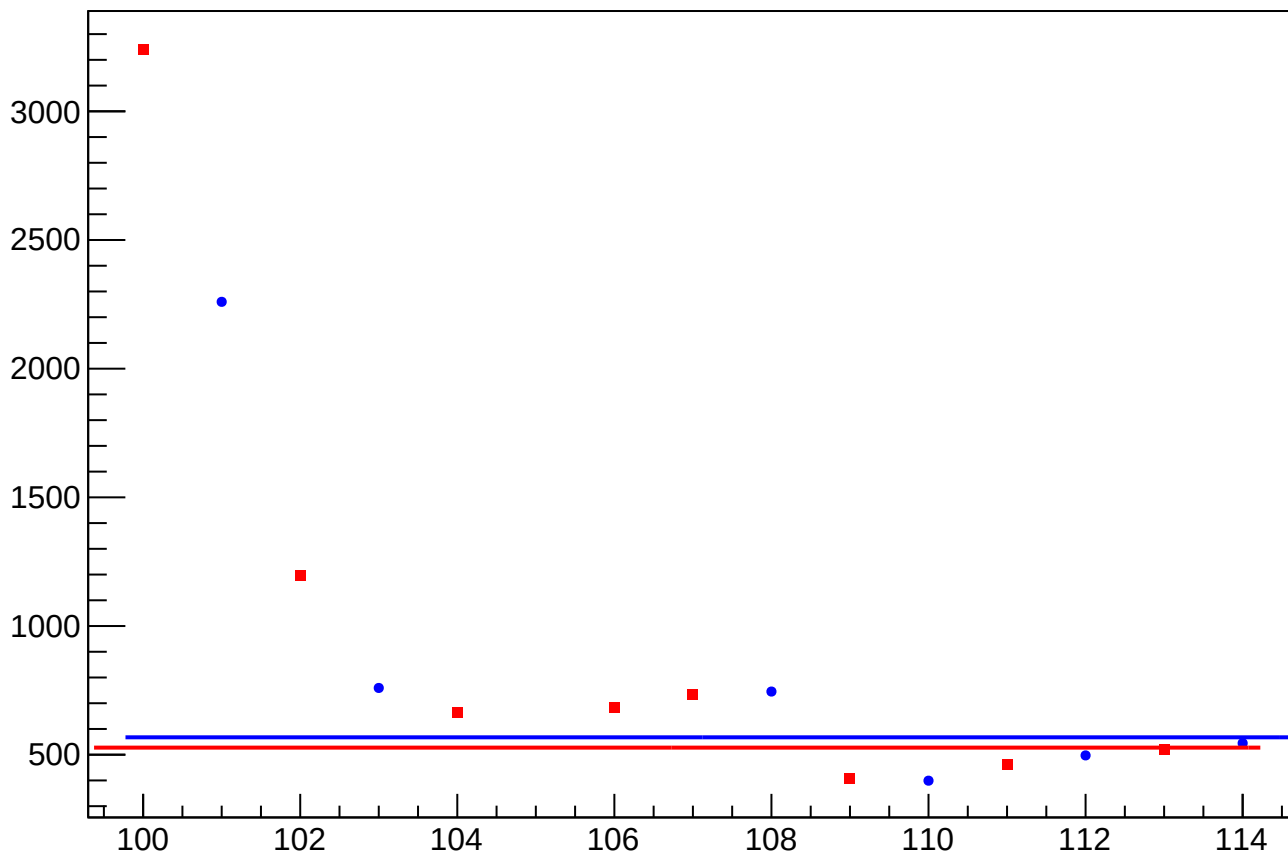
Right: 620.691+/-250.020 χ^2/NDF : 2.6/13

In: 369.351+/-389.633 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.691+/-250.020 χ^2/NDF : 2.6/13

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 567.557+/-0.276 χ^2/NDF : 1007458.4/5

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

Right Out: 527.526+/-0.231 χ^2/NDF : 560436.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

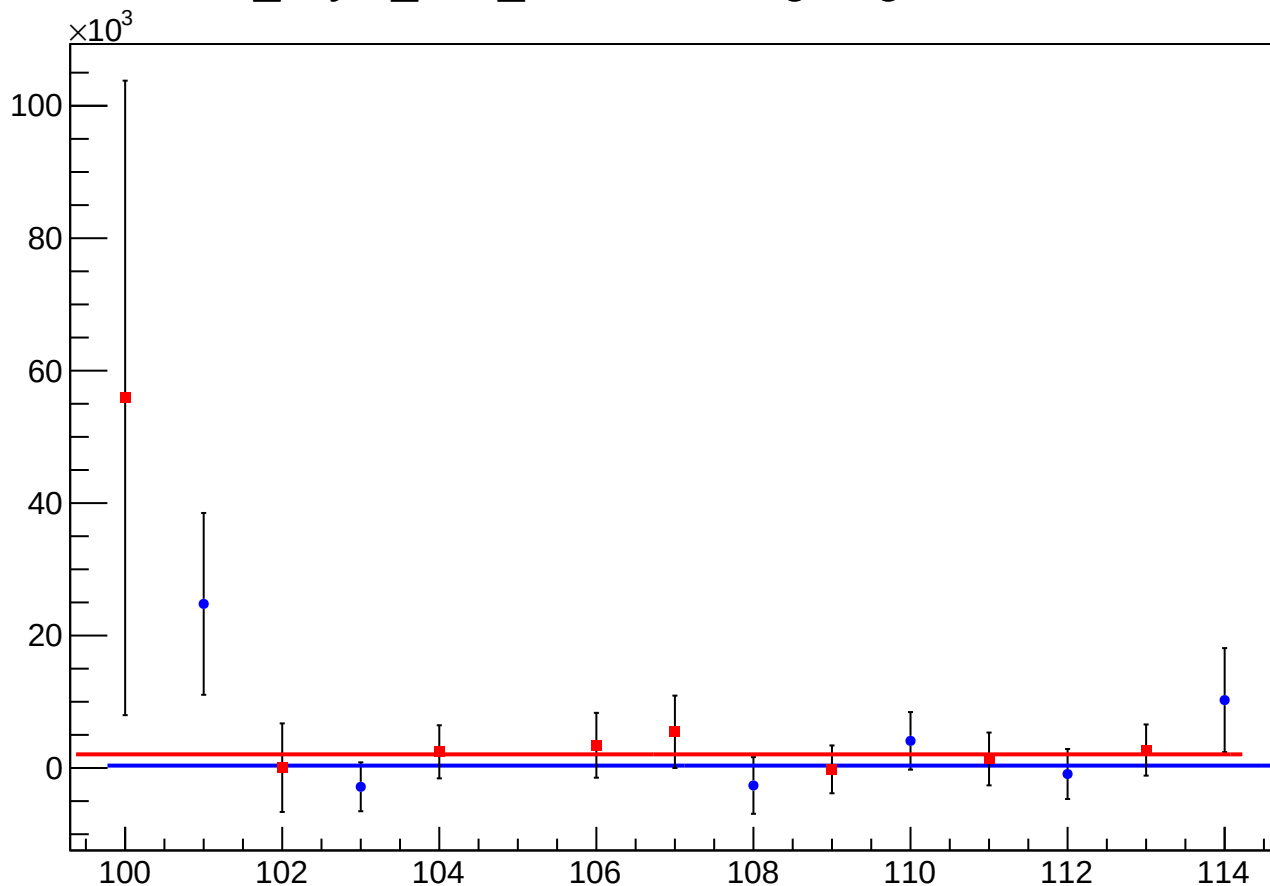
Right: 544.009+/-0.177 χ^2/NDF : 1580313.2/13

In: 567.557+/-0.276 χ^2/NDF : 1007458.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.009+/-0.177 χ^2/NDF : 1580313.2/13

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 360.978 ± 1915.034 $\chi^2/\text{NDF}: 6.8/5$

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

Right Out: 2058.853 ± 1651.286 $\chi^2/\text{NDF}: 2.3/7$

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

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

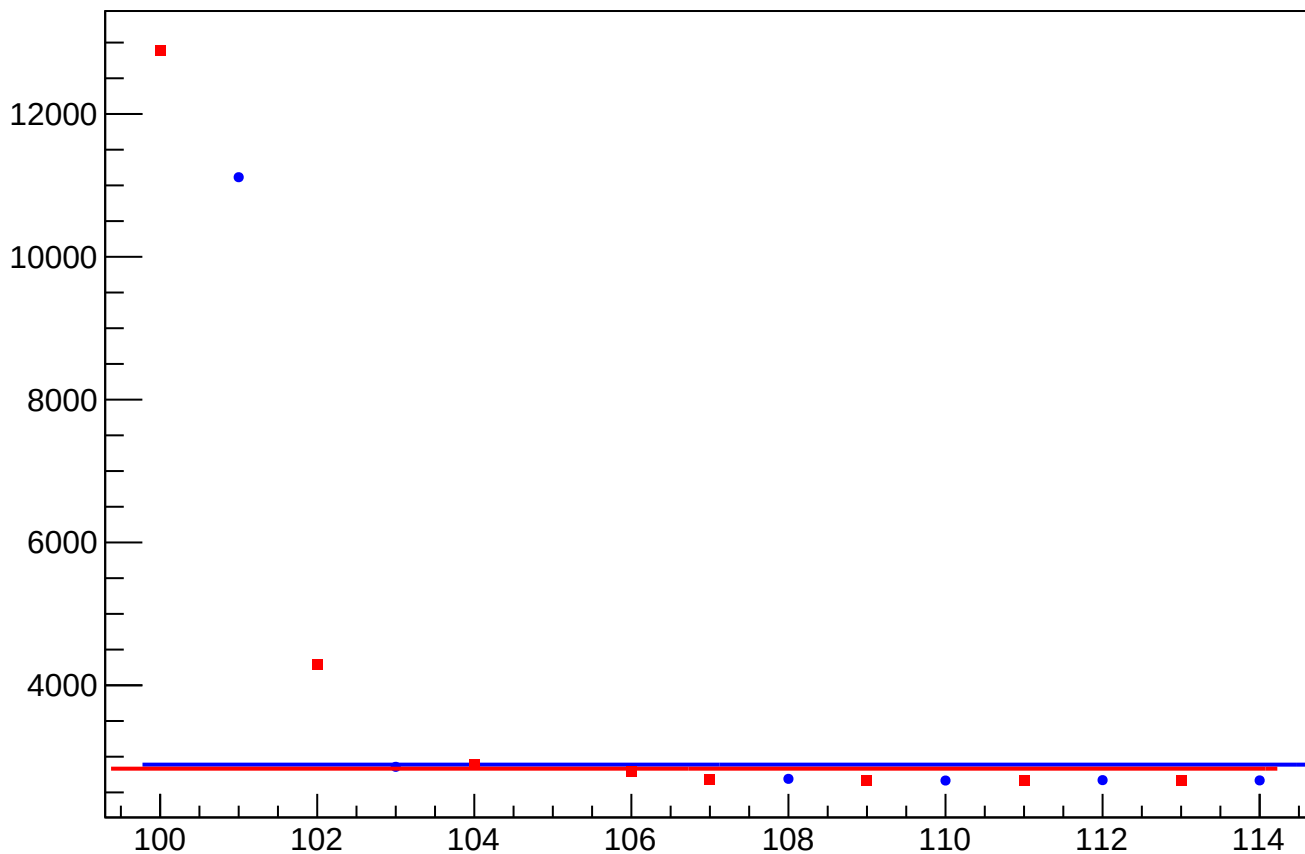
Right: 1334.799 ± 1250.573 $\chi^2/\text{NDF}: 9.6/13$

In: 360.978 ± 1915.034 $\chi^2/\text{NDF}: 6.8/5$

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

All: 1334.799 ± 1250.573 $\chi^2/\text{NDF}: 9.6/13$

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

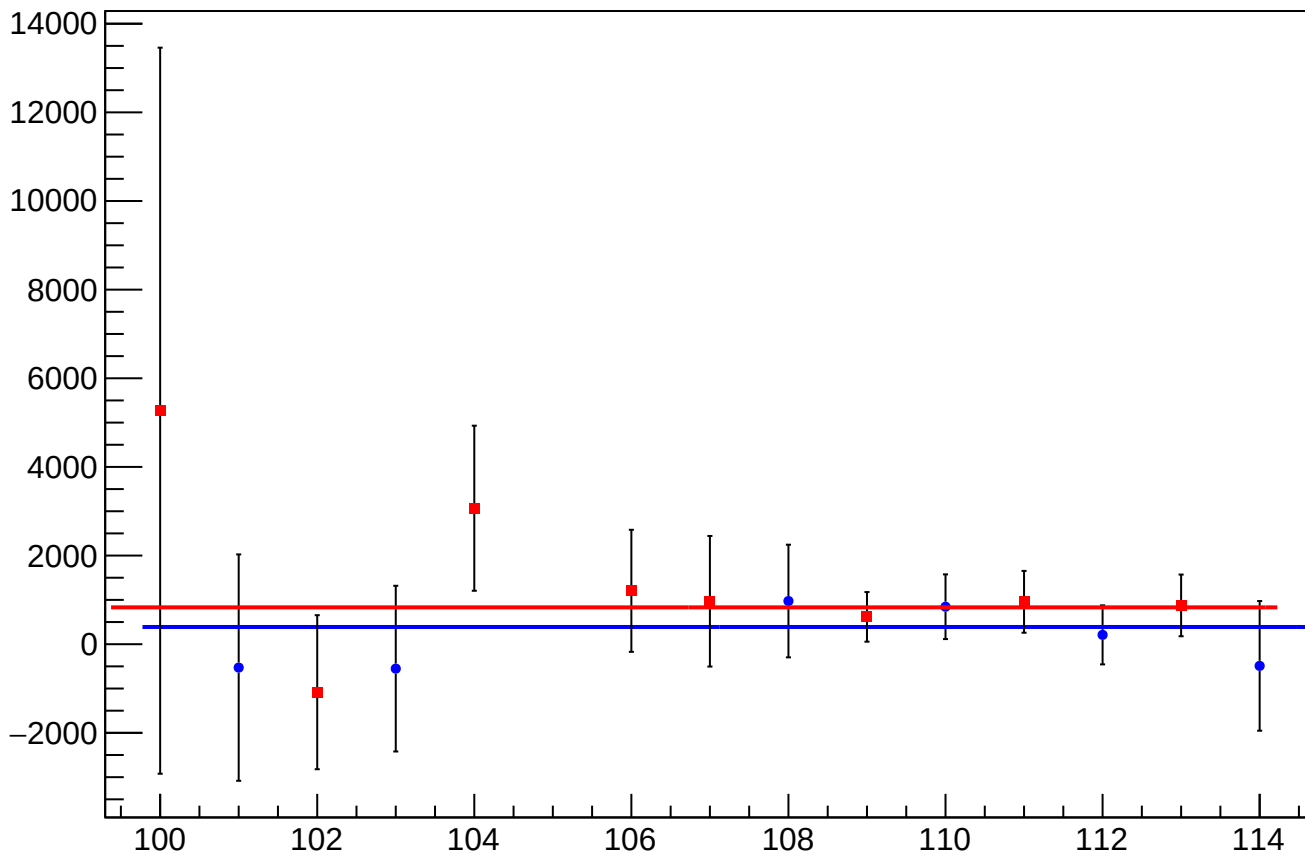
Right: 2856.463+/-0.884 χ^2/NDF : 934223.5/13

In: 2888.755+/-1.354 χ^2/NDF : 736031.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2856.463+/-0.884 χ^2/NDF : 934223.5/13

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

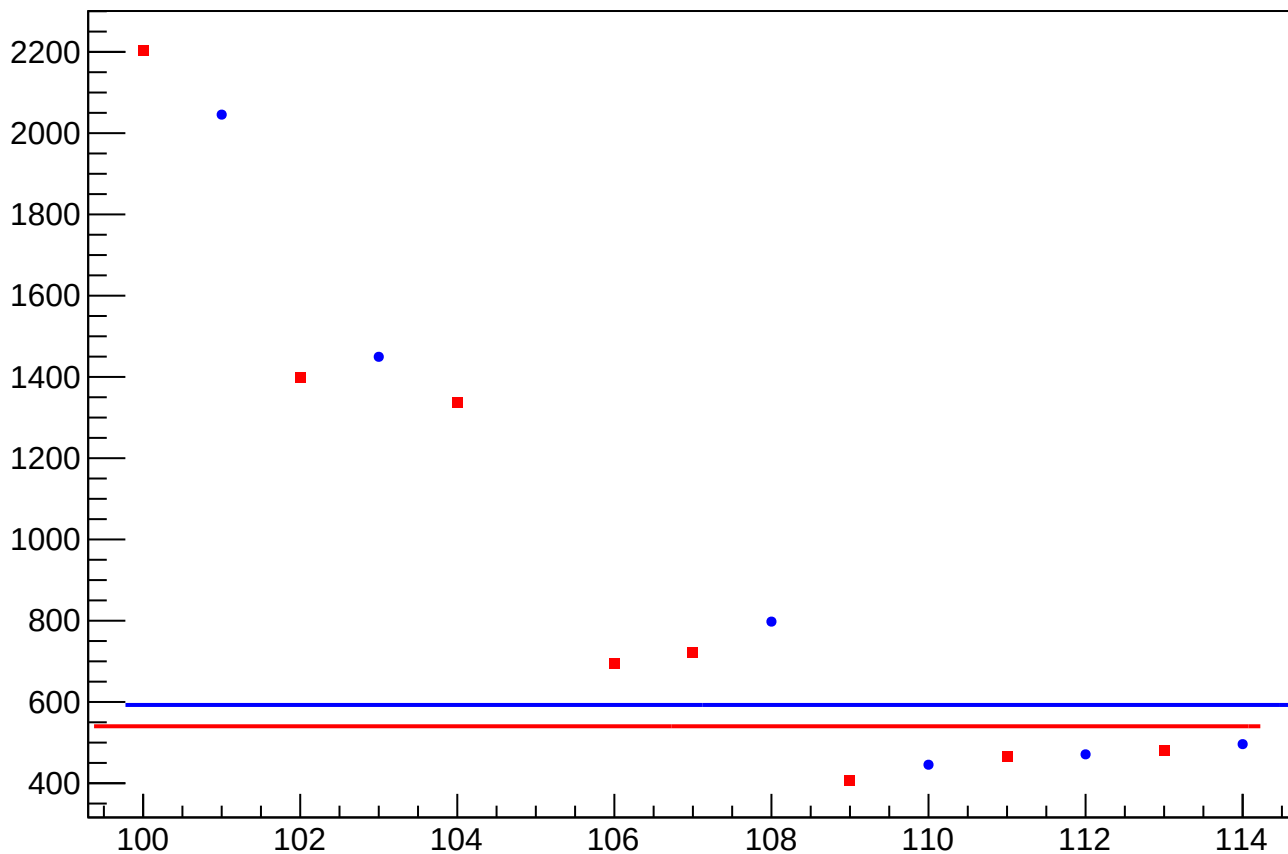
Right: 659.758+/-261.816 χ^2/NDF : 5.3/13

In: 388.502+/-420.530 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.758+/-261.816 χ^2/NDF : 5.3/13

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

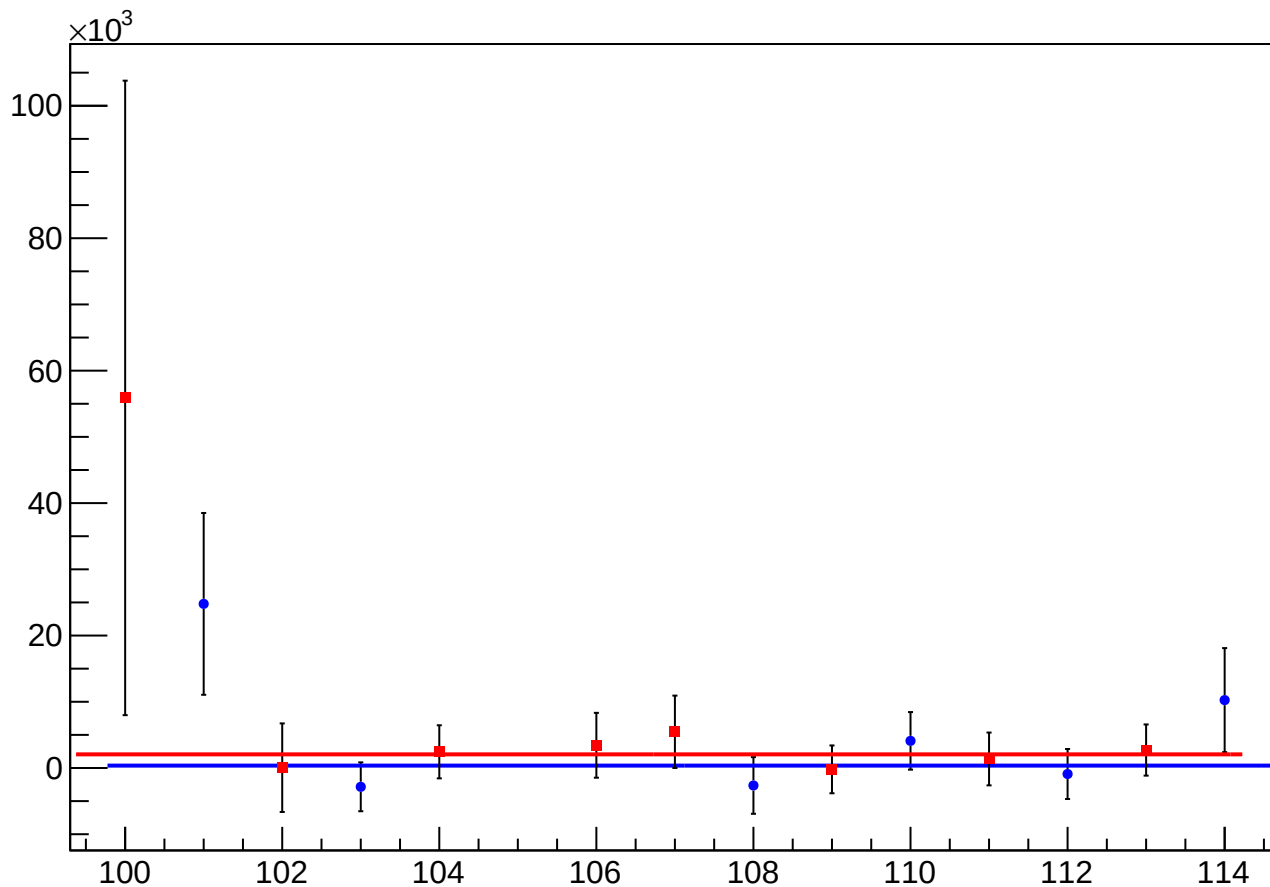
Right: 560.541+/-0.185 χ^2/NDF : 2438248.1/13

In: 592.684+/-0.297 χ^2/NDF : 1275967.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.541+/-0.185 χ^2/NDF : 2438248.1/13

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

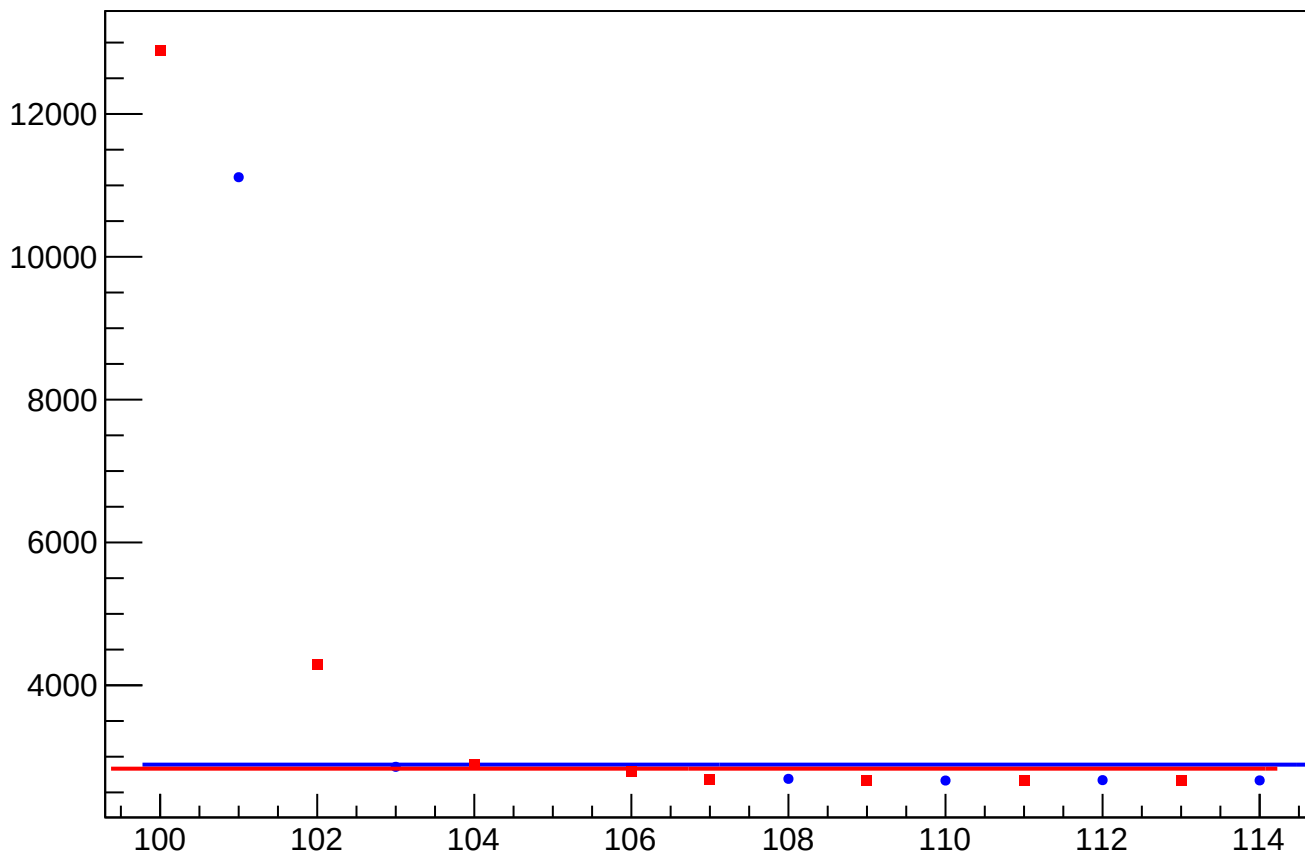
Right: 1334.797+/-1250.573 χ^2/NDF : 9.6/13

In: 360.978+/-1915.034 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.797+/-1250.573 χ^2/NDF : 9.6/13

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

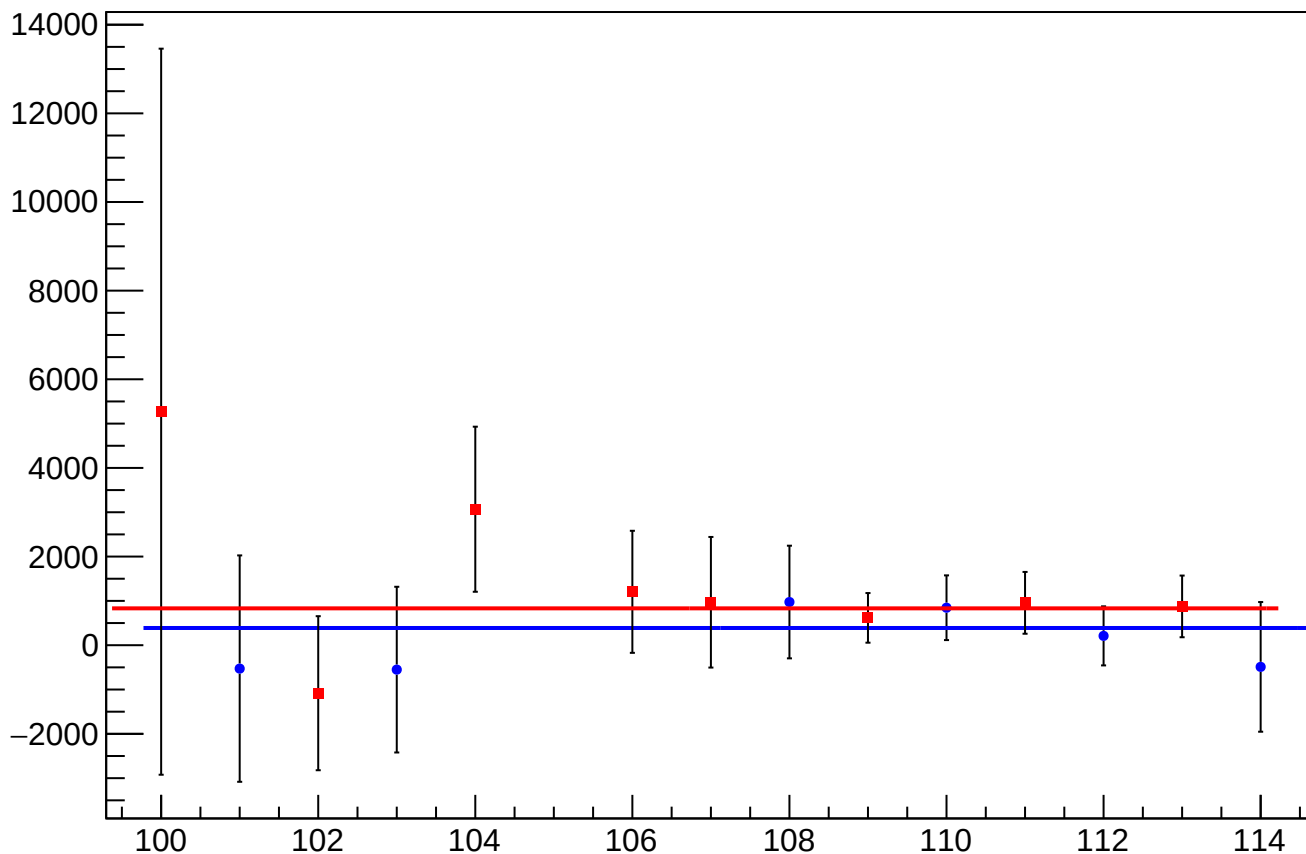
Right: 2856.463+/-0.884 χ^2/NDF : 934223.3/13

In: 2888.755+/-1.354 χ^2/NDF : 736031.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2856.463+/-0.884 χ^2/NDF : 934223.3/13

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.506+/-420.531 χ^2/NDF : 1.4/5

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

Right Out: 831.450+/-334.568 χ^2/NDF : 3.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

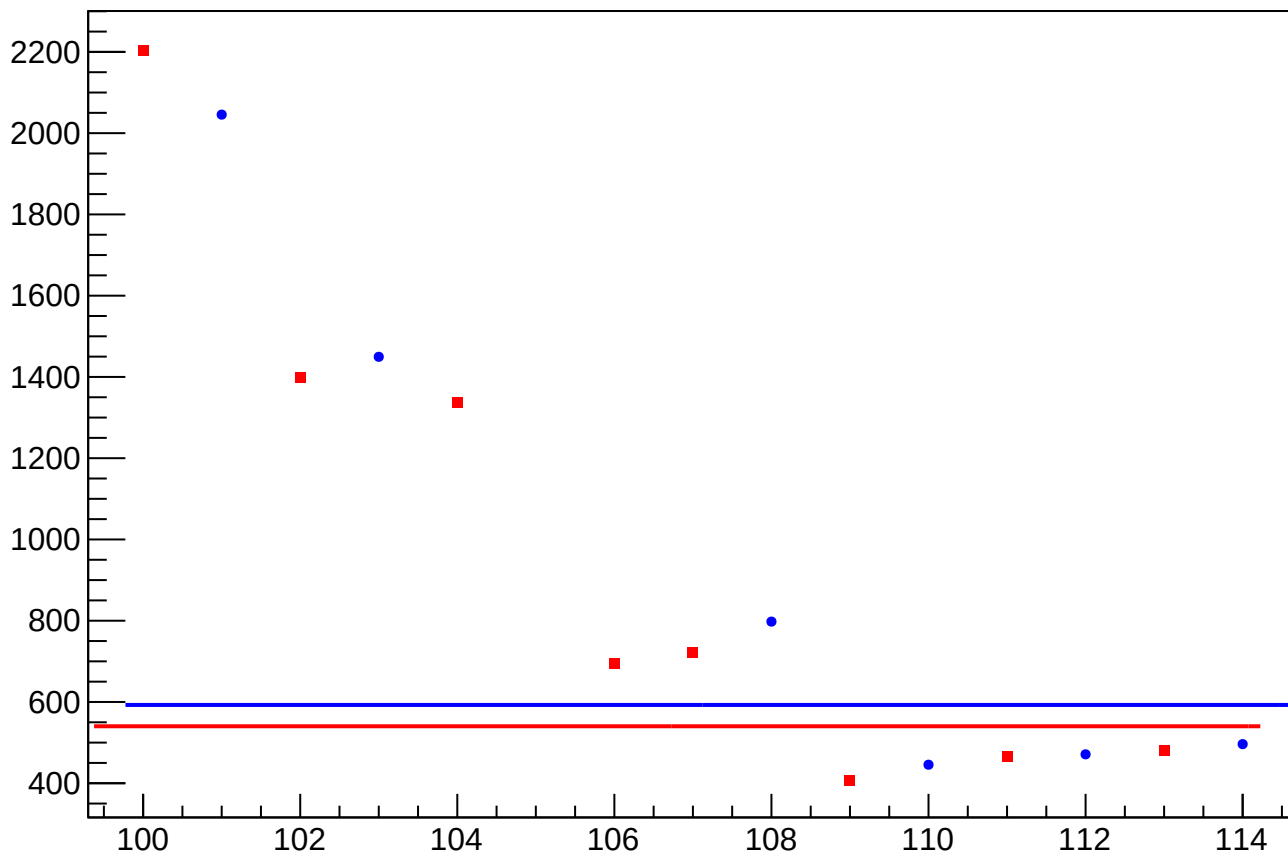
Right: 659.759+/-261.817 χ^2/NDF : 5.3/13

In: 388.506+/-420.531 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.759+/-261.817 χ^2/NDF : 5.3/13

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

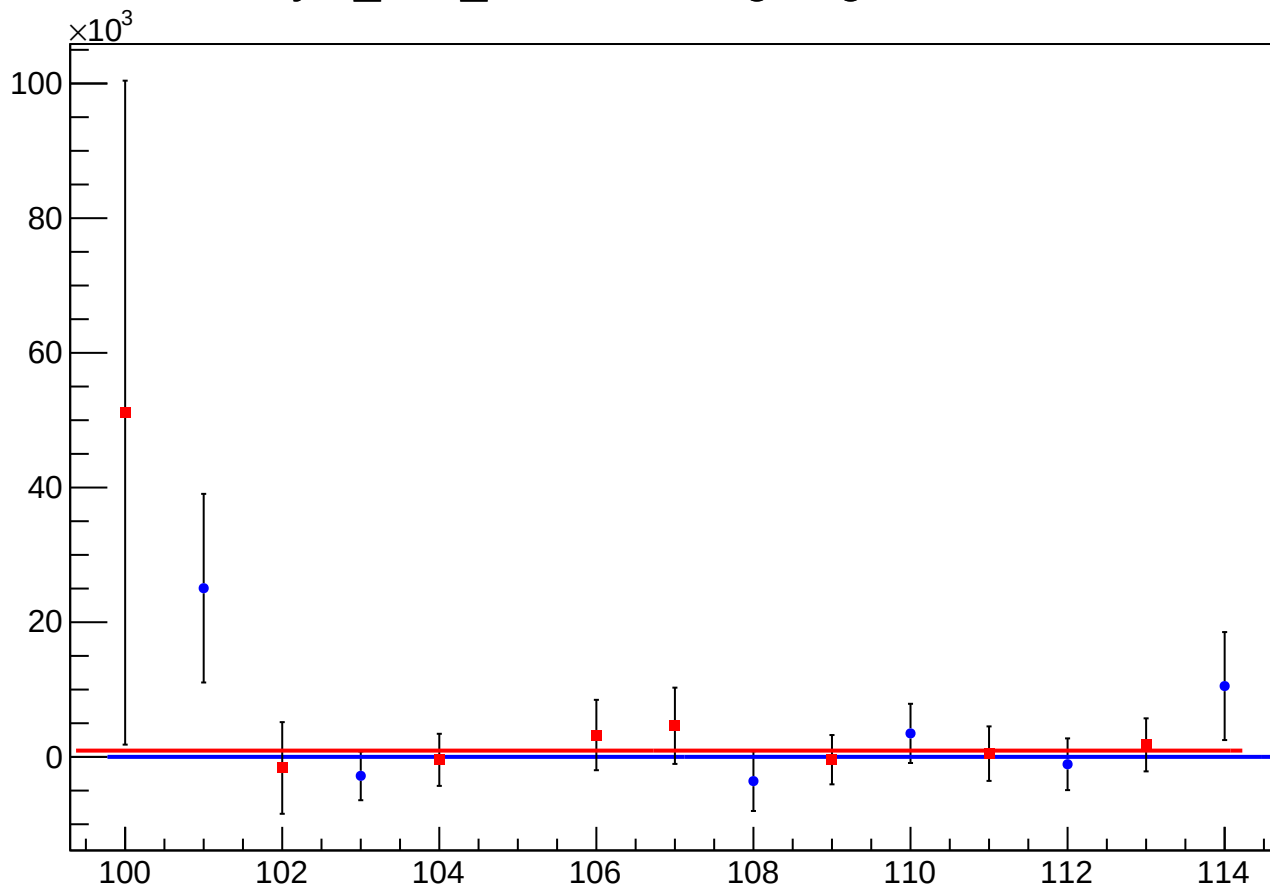
Right: 560.542+/-0.185 χ^2/NDF : 2438236.5/13

In: 592.686+/-0.297 χ^2/NDF : 1275959.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.542+/-0.185 χ^2/NDF : 2438236.5/13

asym_atr1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

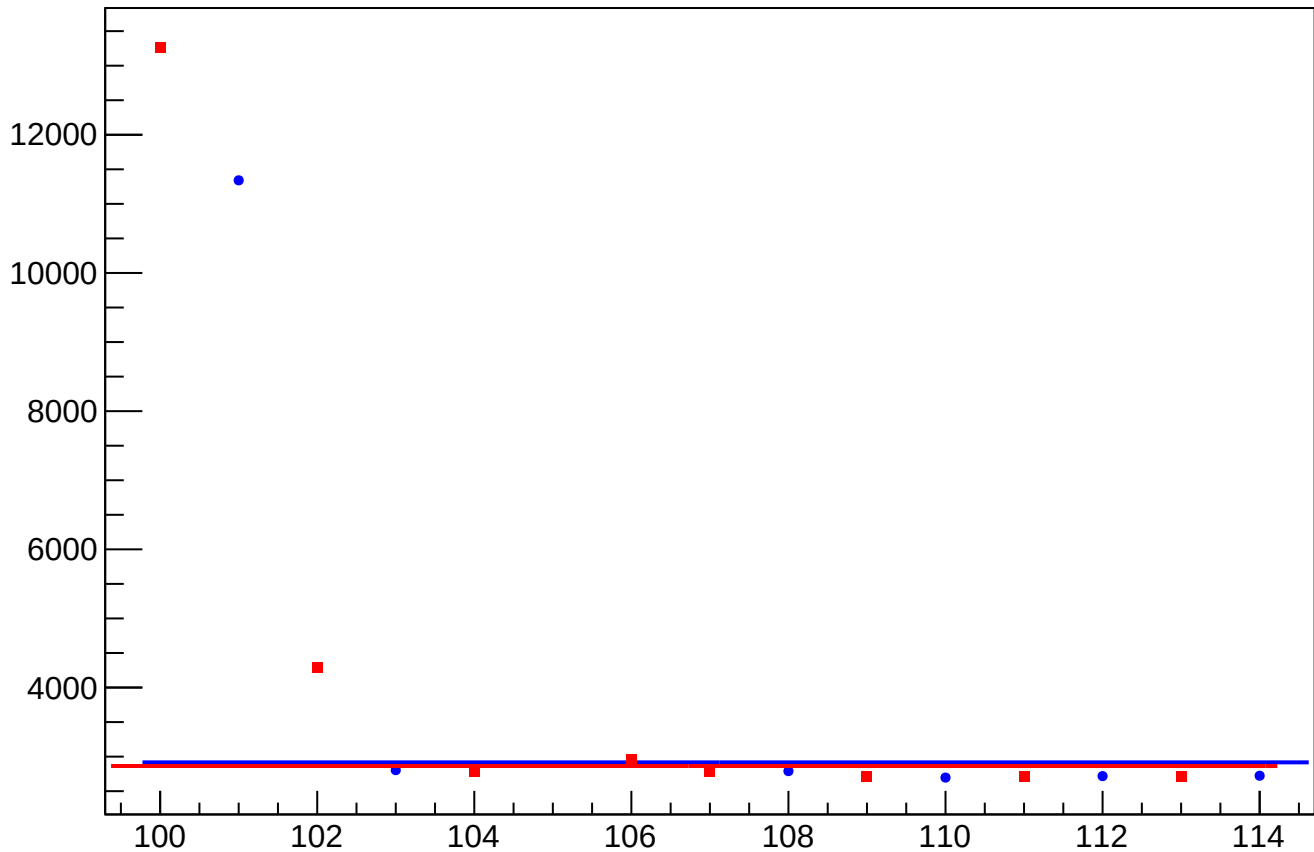
Right: 537.682+/-1265.799 χ^2/NDF : 9.1/13

In: 5.631+/-1934.255 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.682+/-1265.799 χ^2/NDF : 9.1/13

asym_atr1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

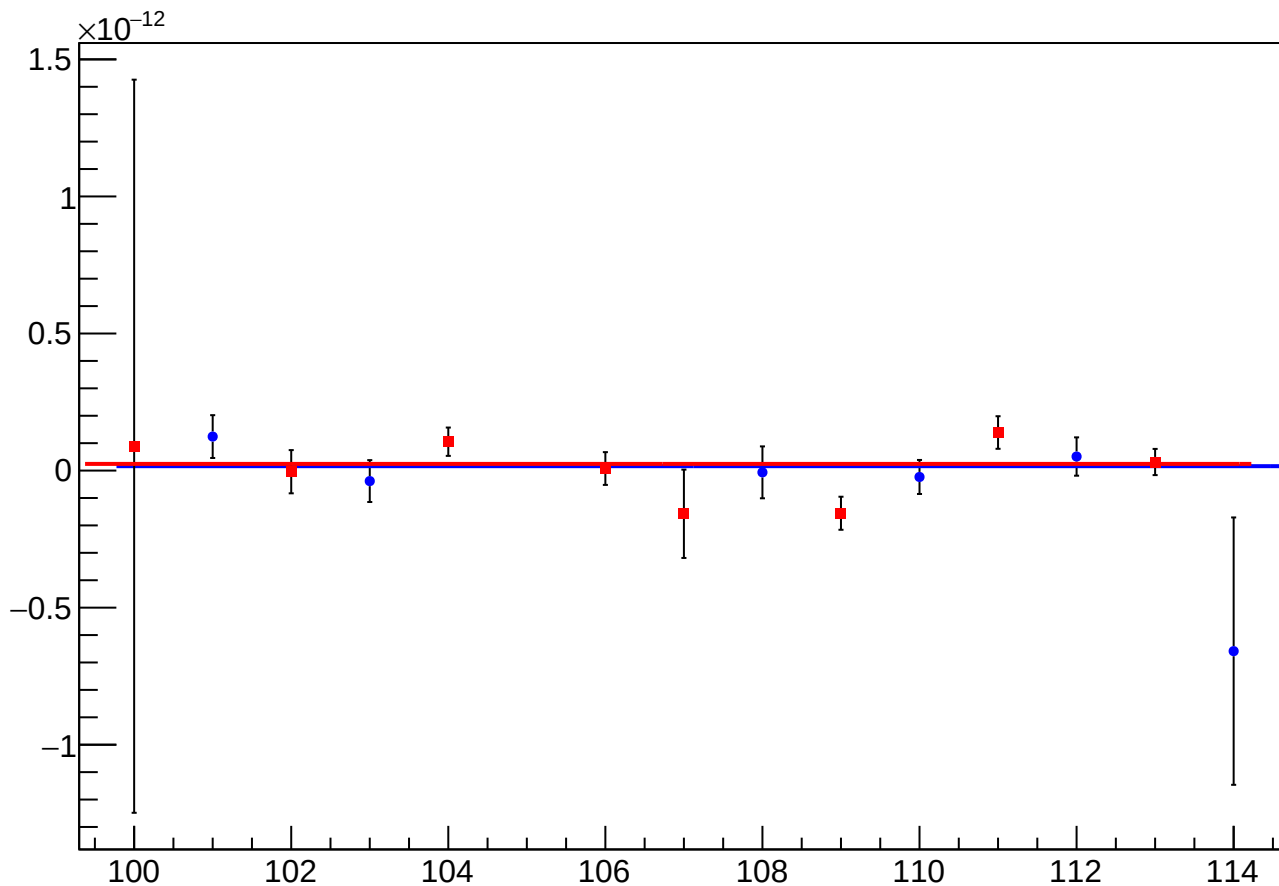
Right: 2886.938+/-0.895 χ^2/NDF : 928169.9/13

In: 2917.097+/-1.368 χ^2/NDF : 738648.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2886.938+/-0.895 χ^2/NDF : 928169.9/13

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 16.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

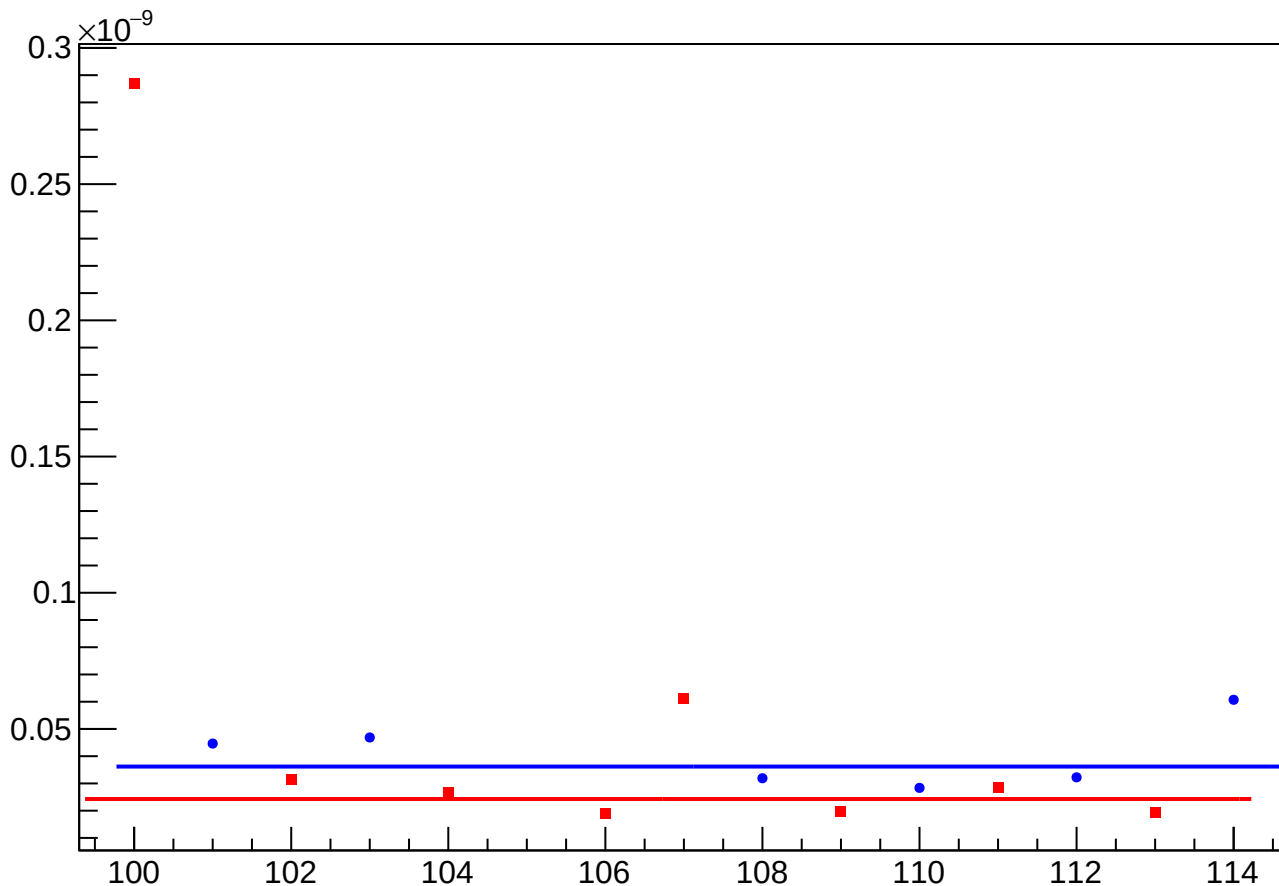
Right: 0.000+/-0.000 χ^2/NDF : 21.7/13

In: 0.000+/-0.000 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.7/13

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 109767.4/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 261877.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

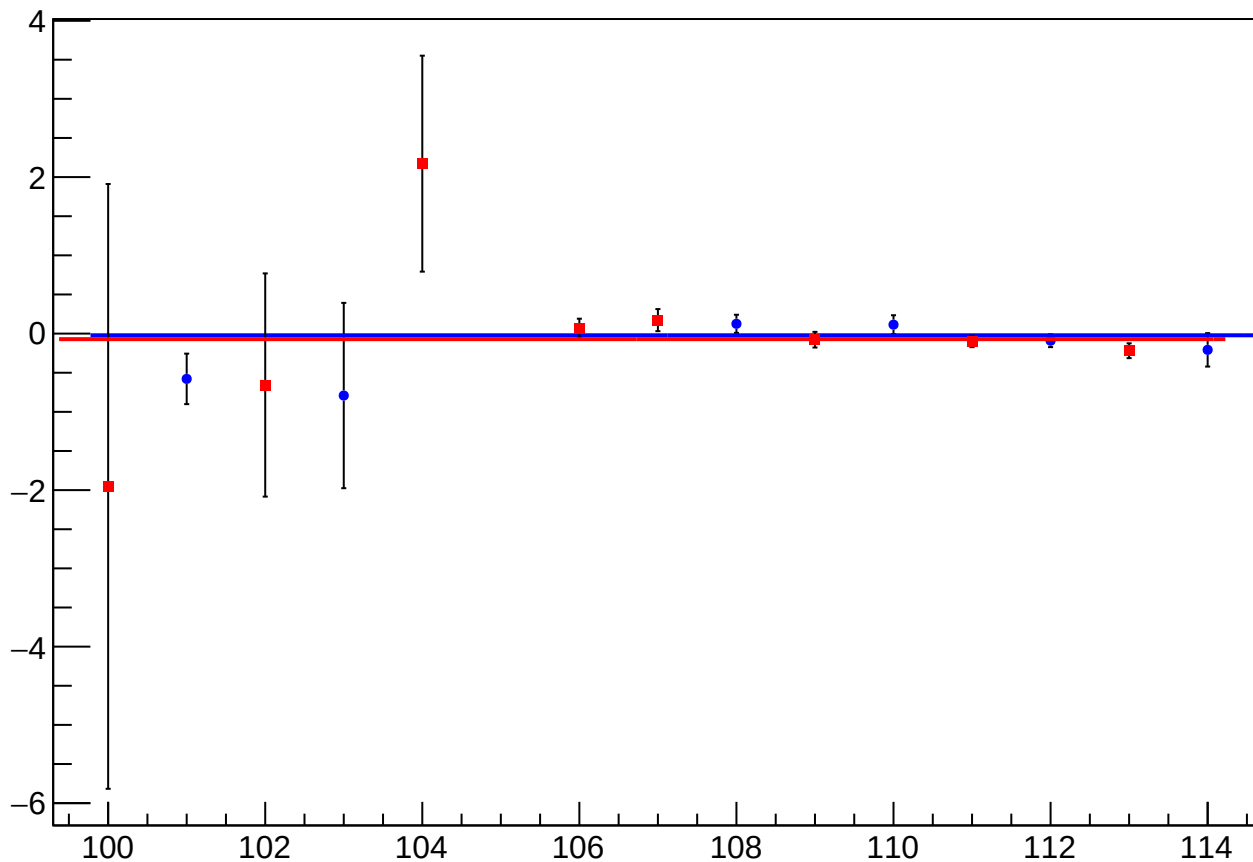
Right: 0.000+/-0.000 χ^2/NDF : 545206.4/13

In: 0.000+/-0.000 χ^2/NDF : 109767.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 545206.4/13

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

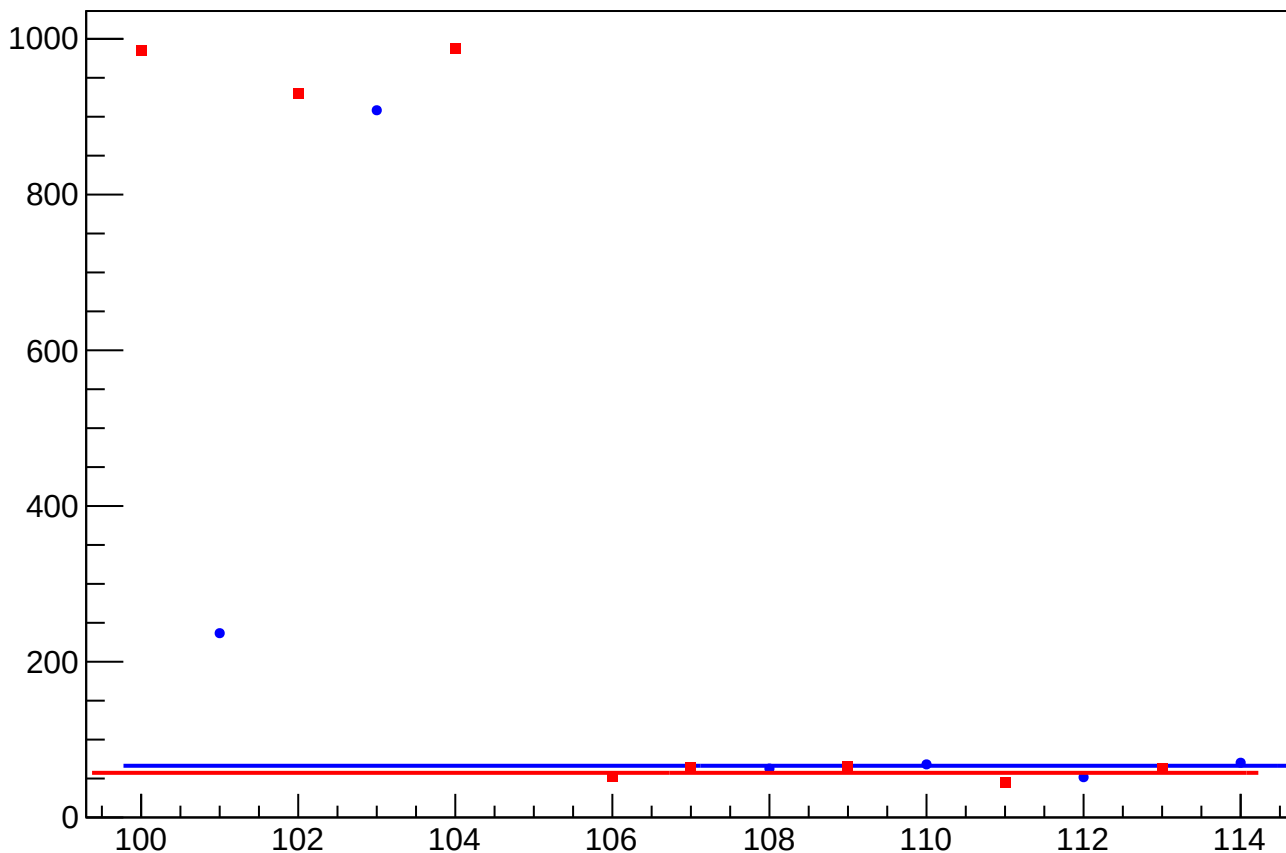
Right: -0.052 ± 0.034 χ^2/NDF : 18.2/13

In: -0.021 ± 0.056 χ^2/NDF : 7.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.034 χ^2/NDF : 18.2/13

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

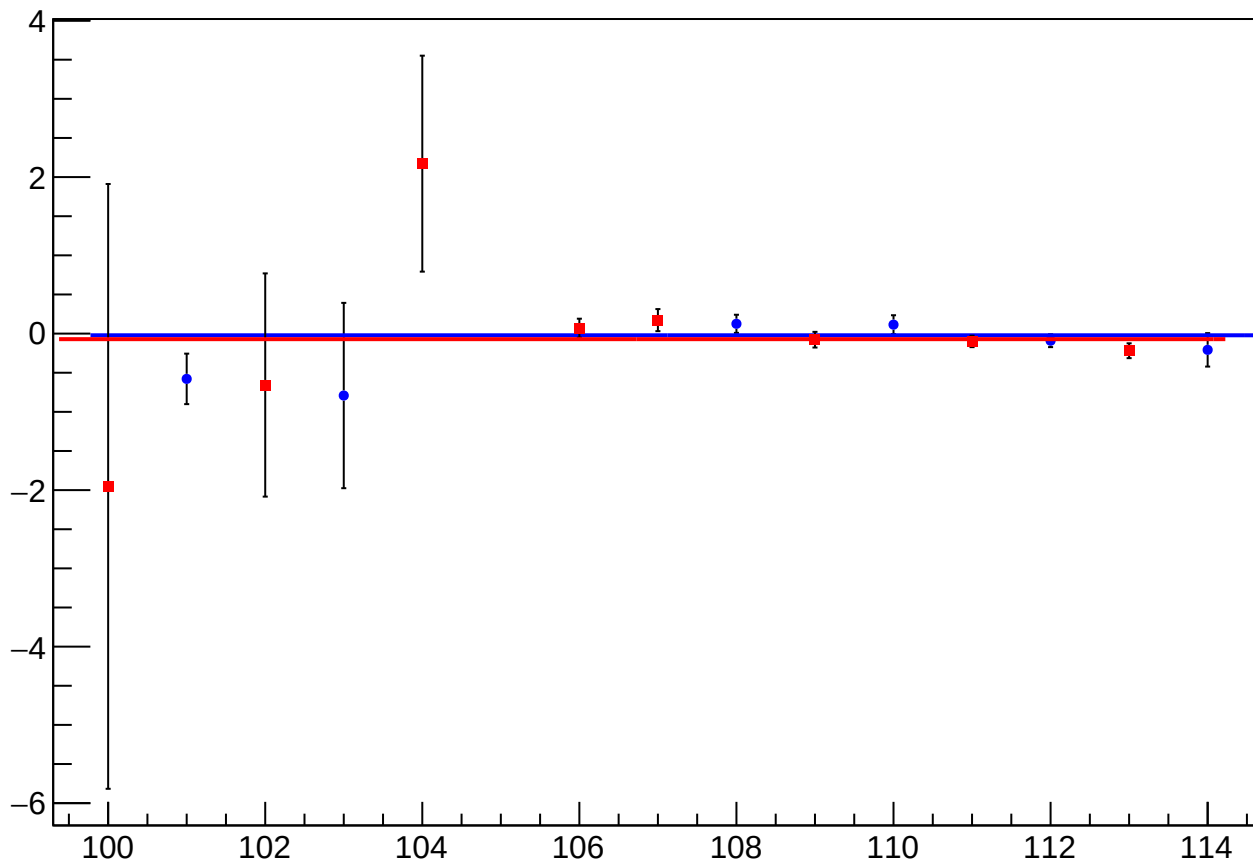
Right: 60.802+/-0.024 χ^2/NDF : 3533425.0/13

In: 66.384+/-0.039 χ^2/NDF : 1635494.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533425.0/13

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

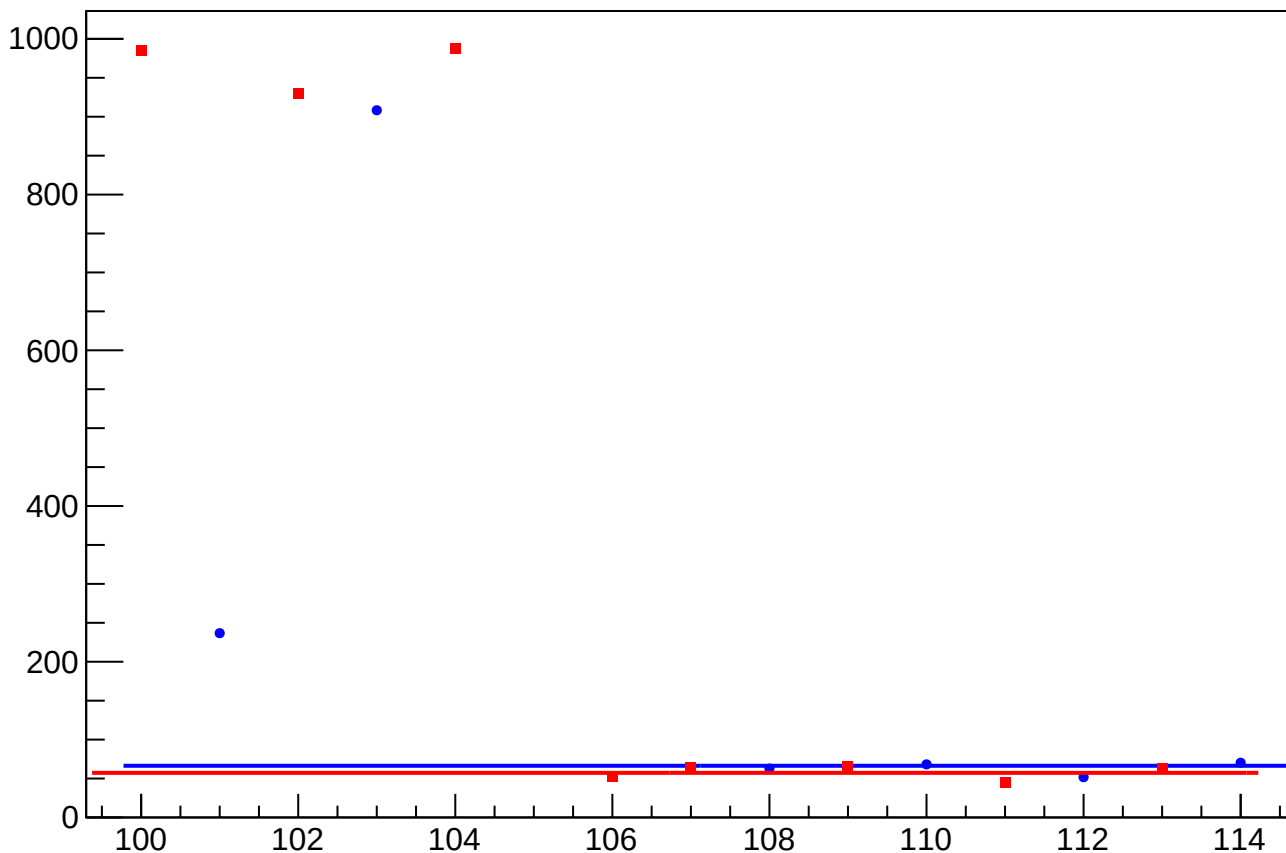
Right: -0.052+/-0.034 χ^2/NDF : 18.2/13

In: -0.021+/-0.056 χ^2/NDF :7.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.034 χ^2/NDF : 18.2/13

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

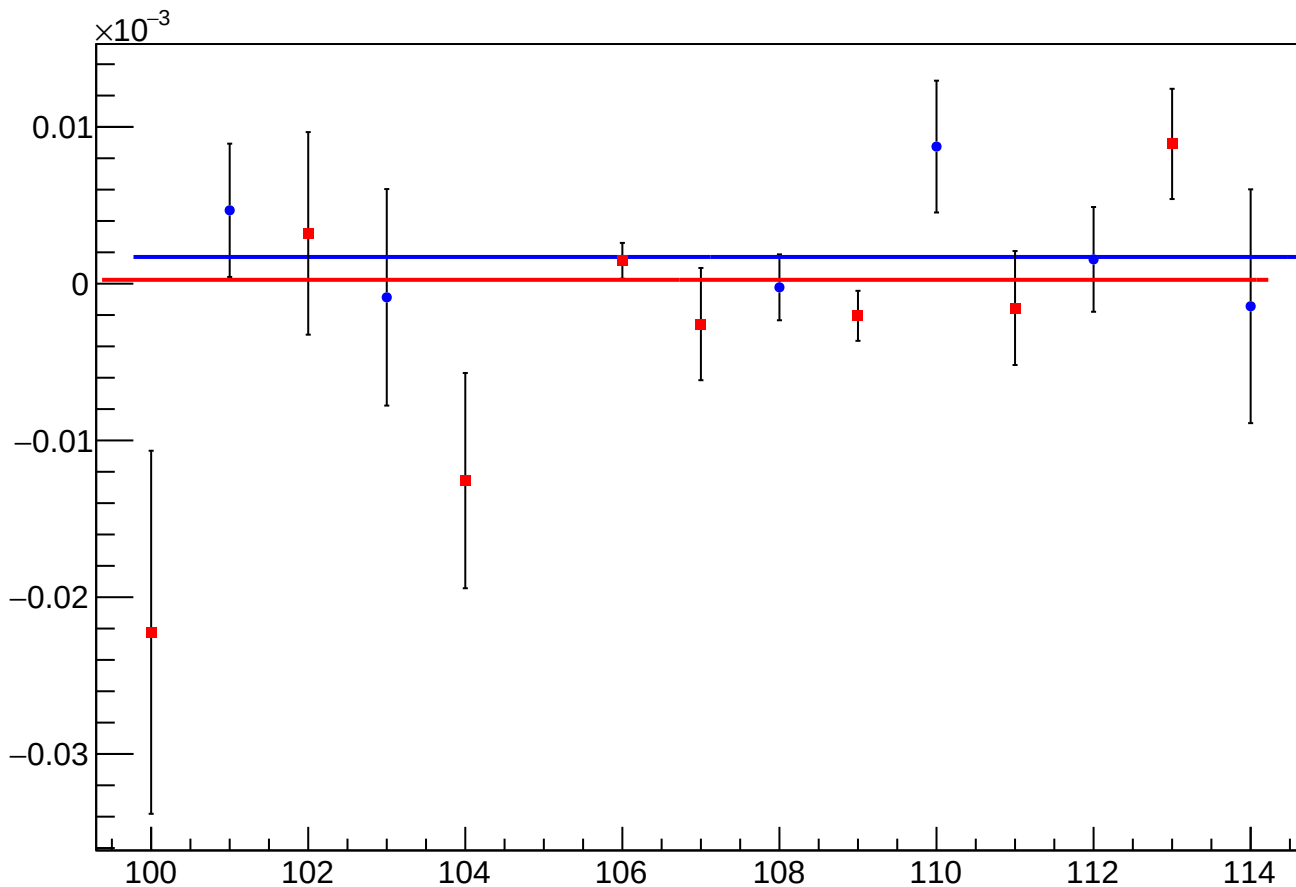
Right: 60.802+/-0.024 χ^2/NDF : 3533425.0/13

In: 66.384+/-0.039 χ^2/NDF : 1635494.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533425.0/13

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 17.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

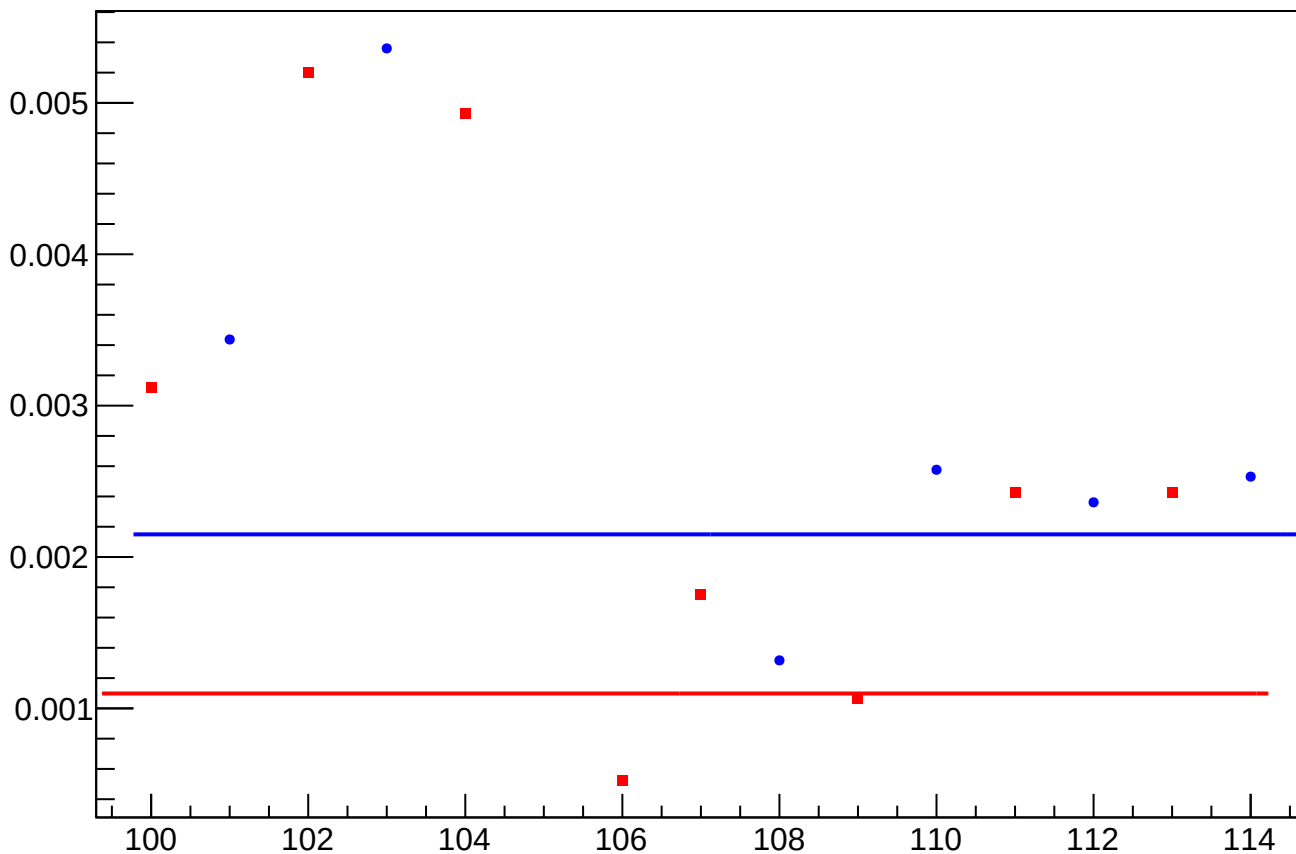
Right: 0.000+/-0.000 χ^2/NDF : 22.8/13

In: 0.000+/-0.000 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/13

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 963200.8/5

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2616364.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

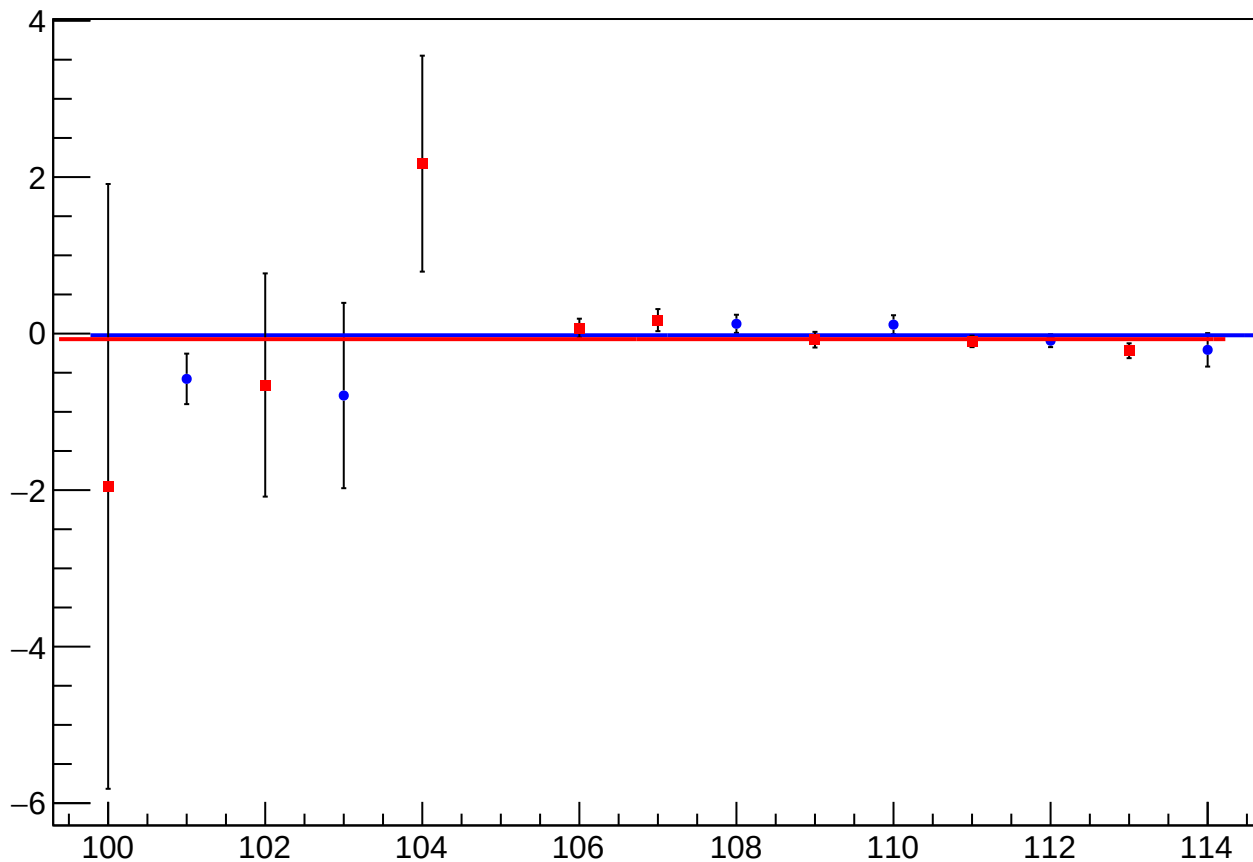
Right: 0.001+/-0.000 χ^2/NDF : 4359398.9/13

In: 0.002+/-0.000 χ^2/NDF :963200.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4359398.9/13

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

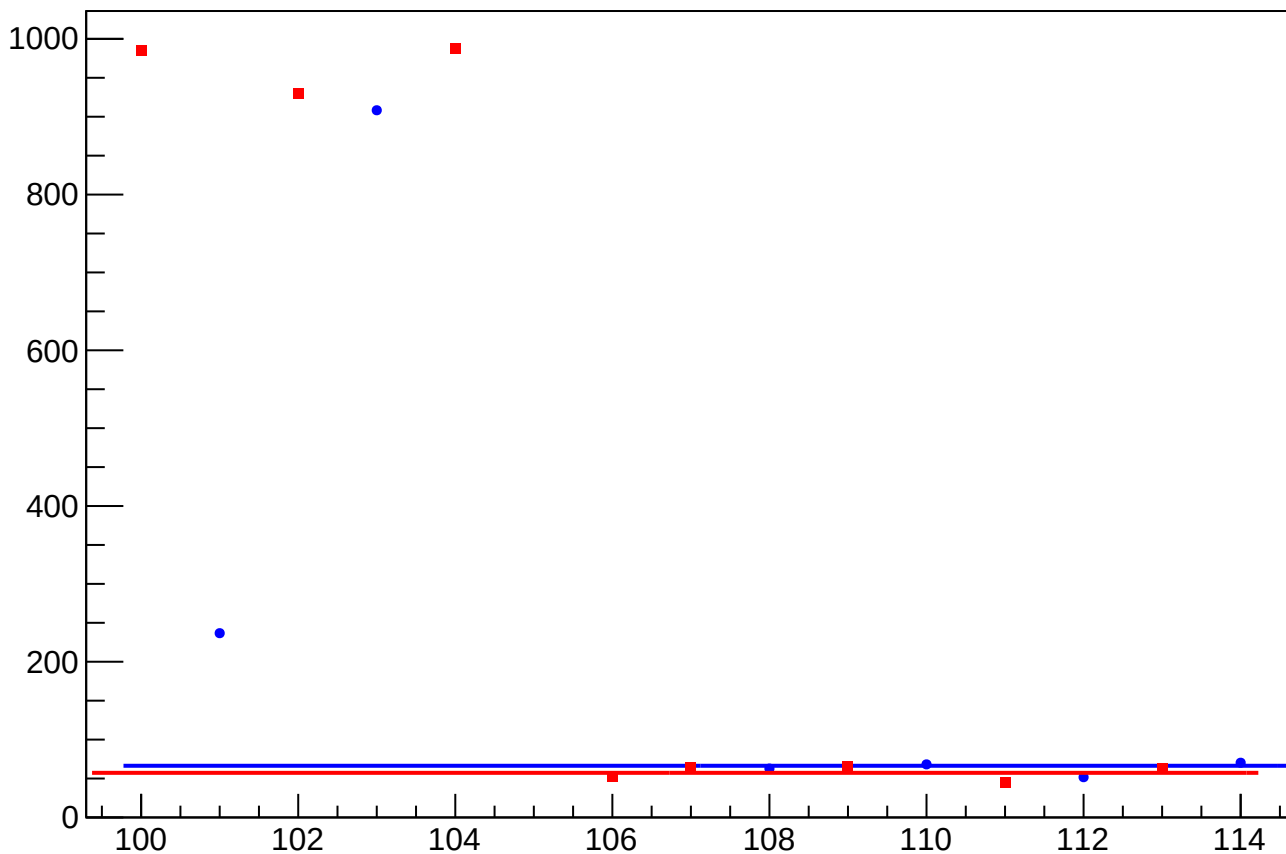
Right: -0.052+/-0.034 χ^2/NDF : 18.2/13

In: -0.021+/-0.056 χ^2/NDF :7.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.034 χ^2/NDF : 18.2/13

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

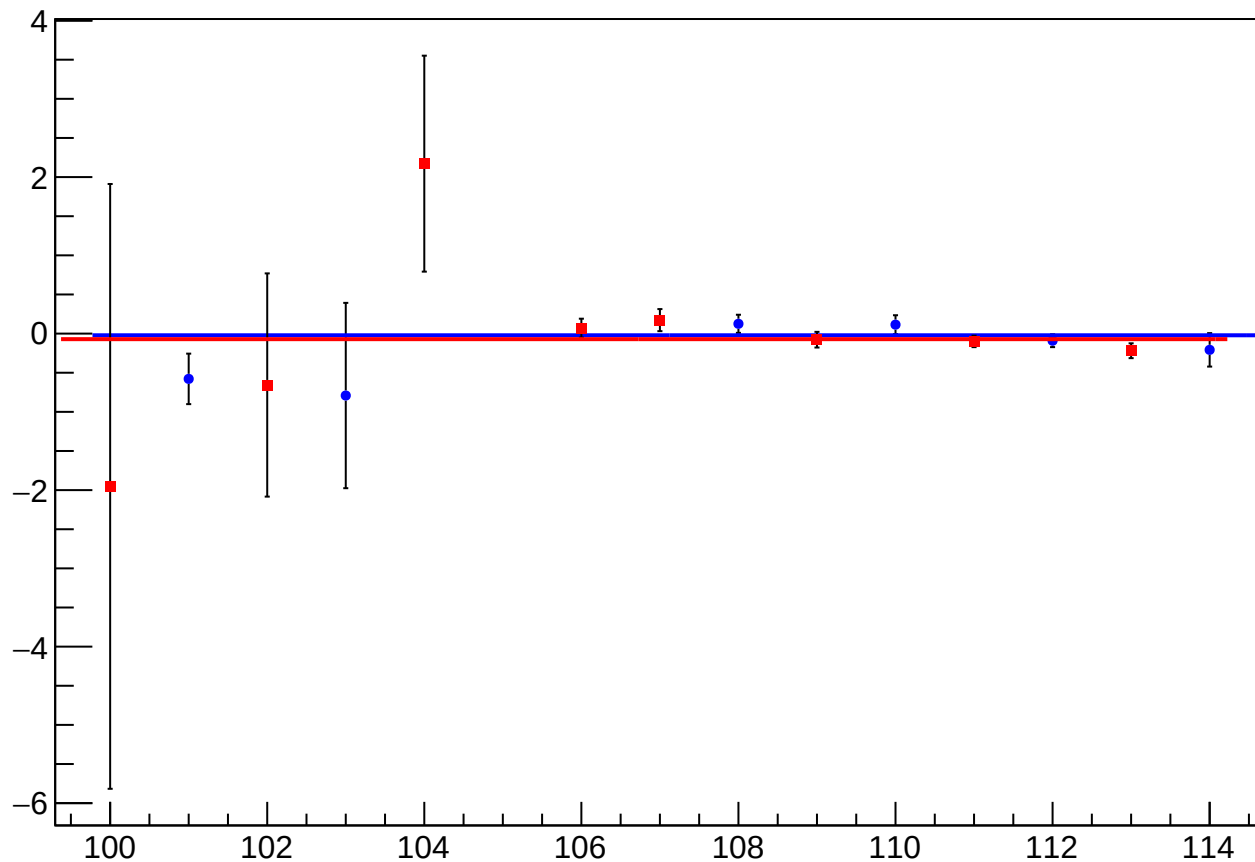
Right: 60.802+/-0.024 χ^2/NDF : 3533429.7/13

In: 66.384+/-0.039 χ^2/NDF : 1635496.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533429.7/13

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

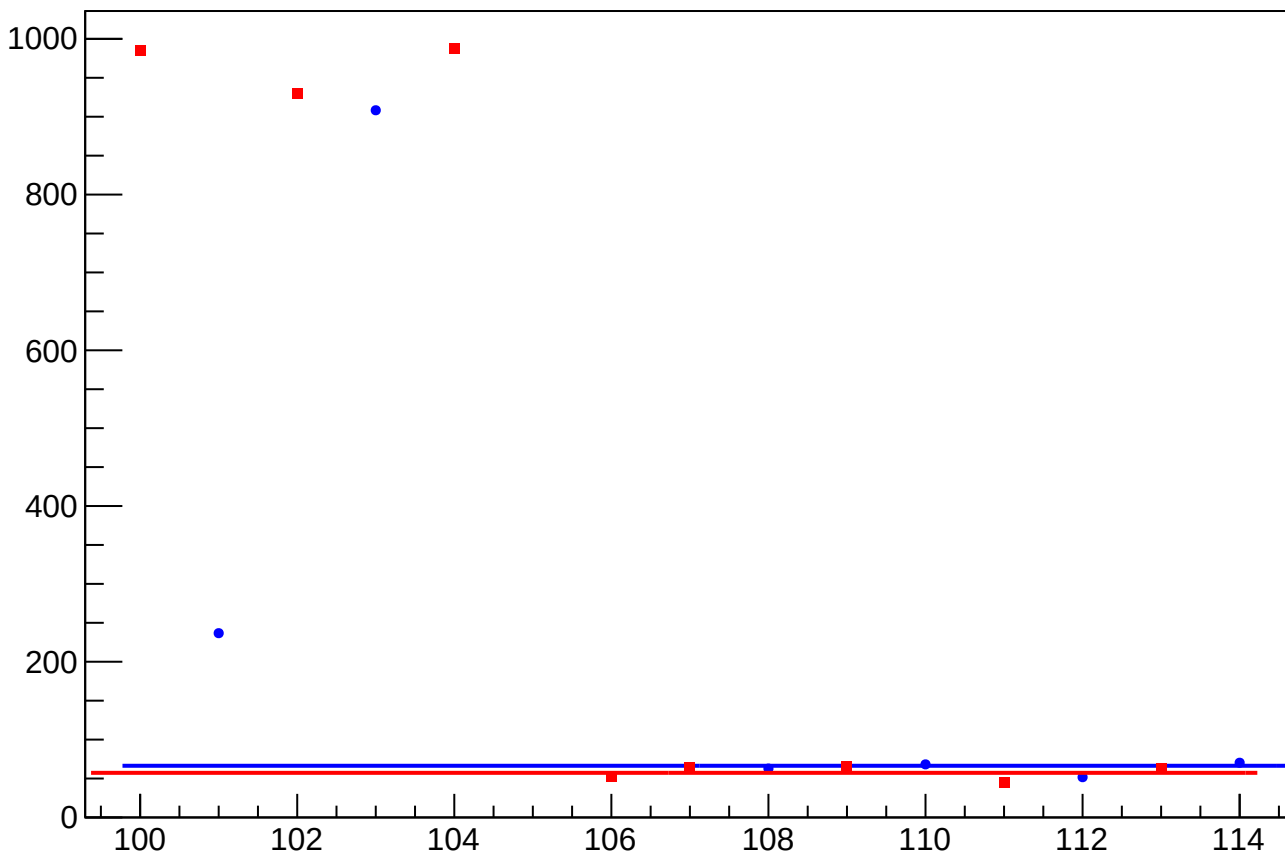
Right: -0.052+/-0.034 χ^2/NDF : 18.2/13

In: -0.021+/-0.056 χ^2/NDF :7.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.034 χ^2/NDF : 18.2/13

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

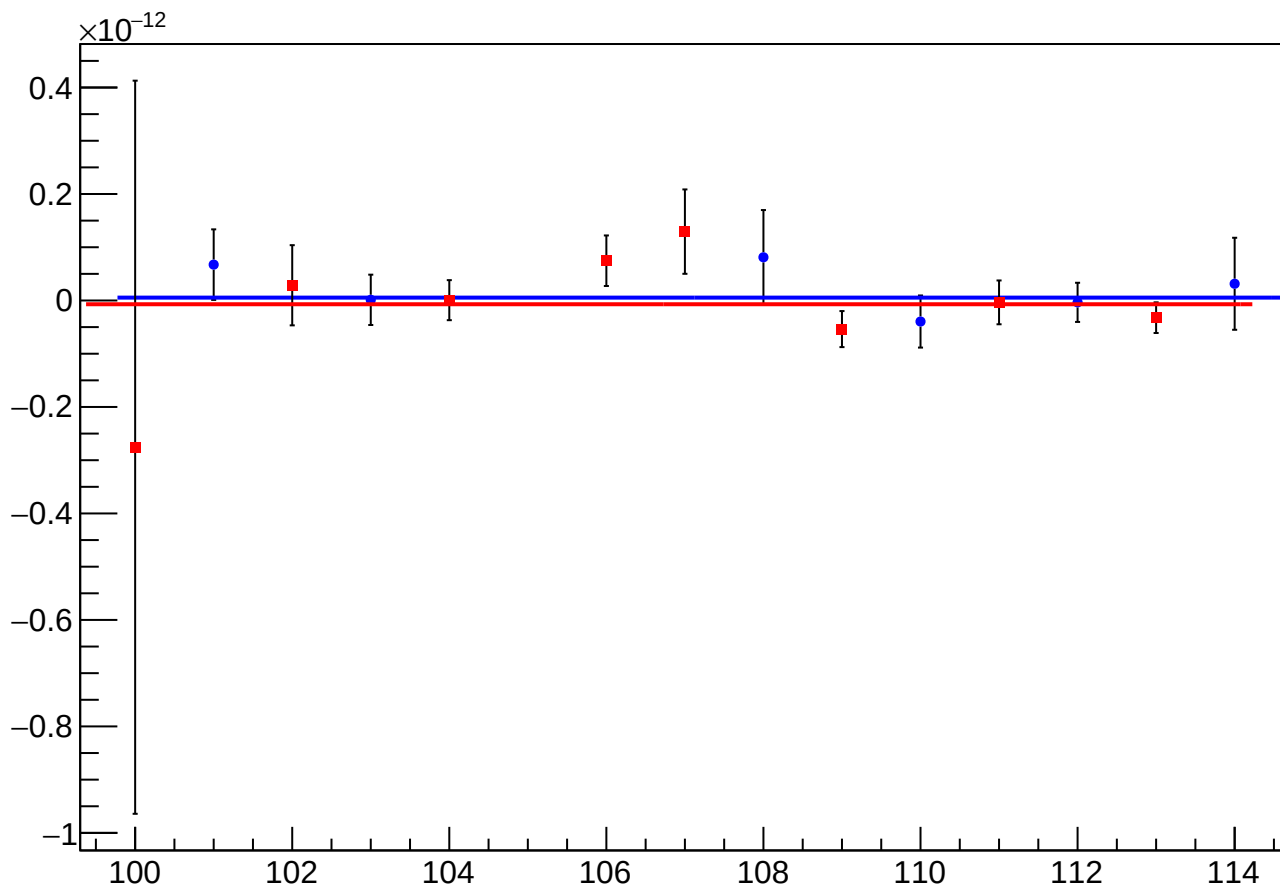
Right: 60.802+/-0.024 χ^2/NDF : 3533429.7/13

In: 66.384+/-0.039 χ^2/NDF : 1635496.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.802+/-0.024 χ^2/NDF : 3533429.7/13

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 9.0/7

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

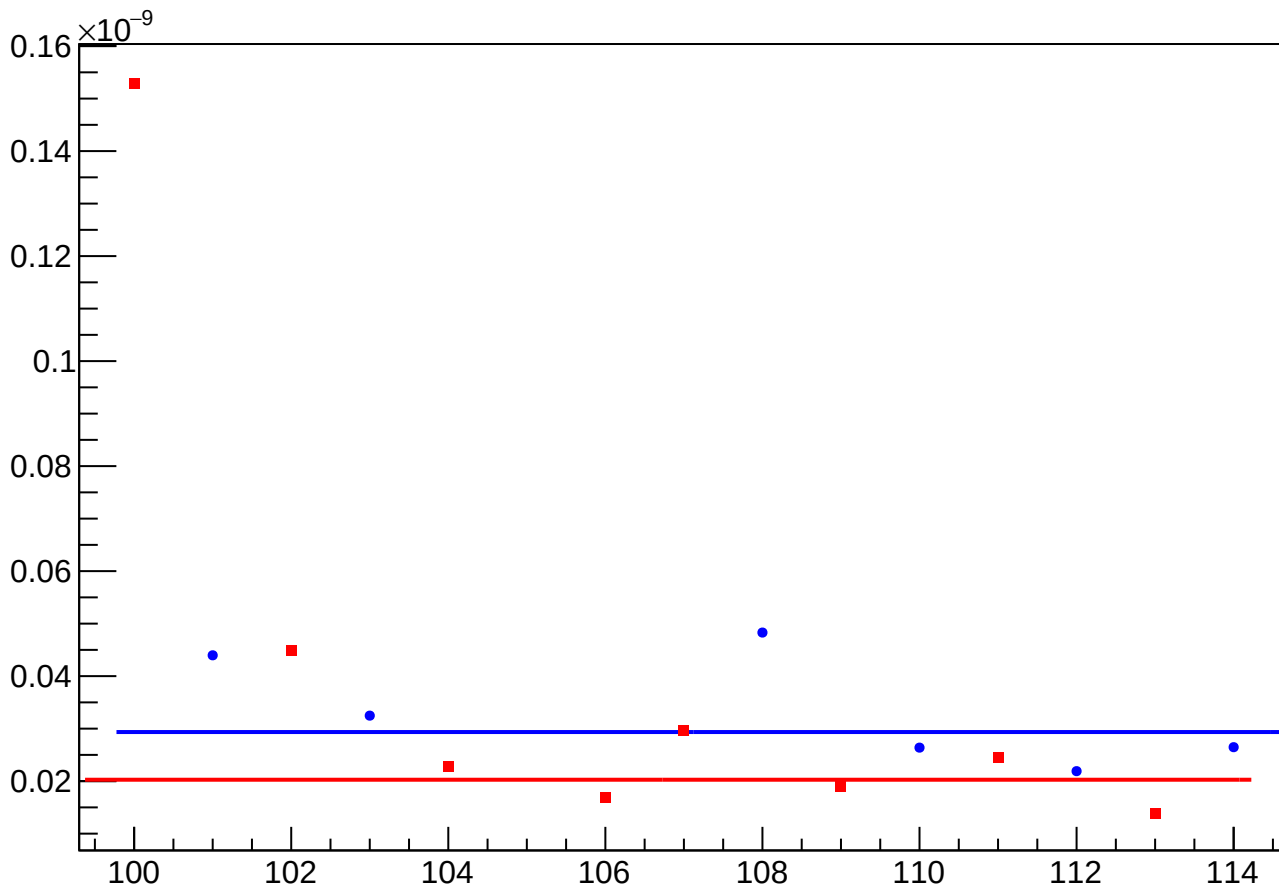
Right: -0.000+/-0.000 χ^2 /NDF: 11.8/13

In: 0.000+/-0.000 χ^2 /NDF: 2.6/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.8/13

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

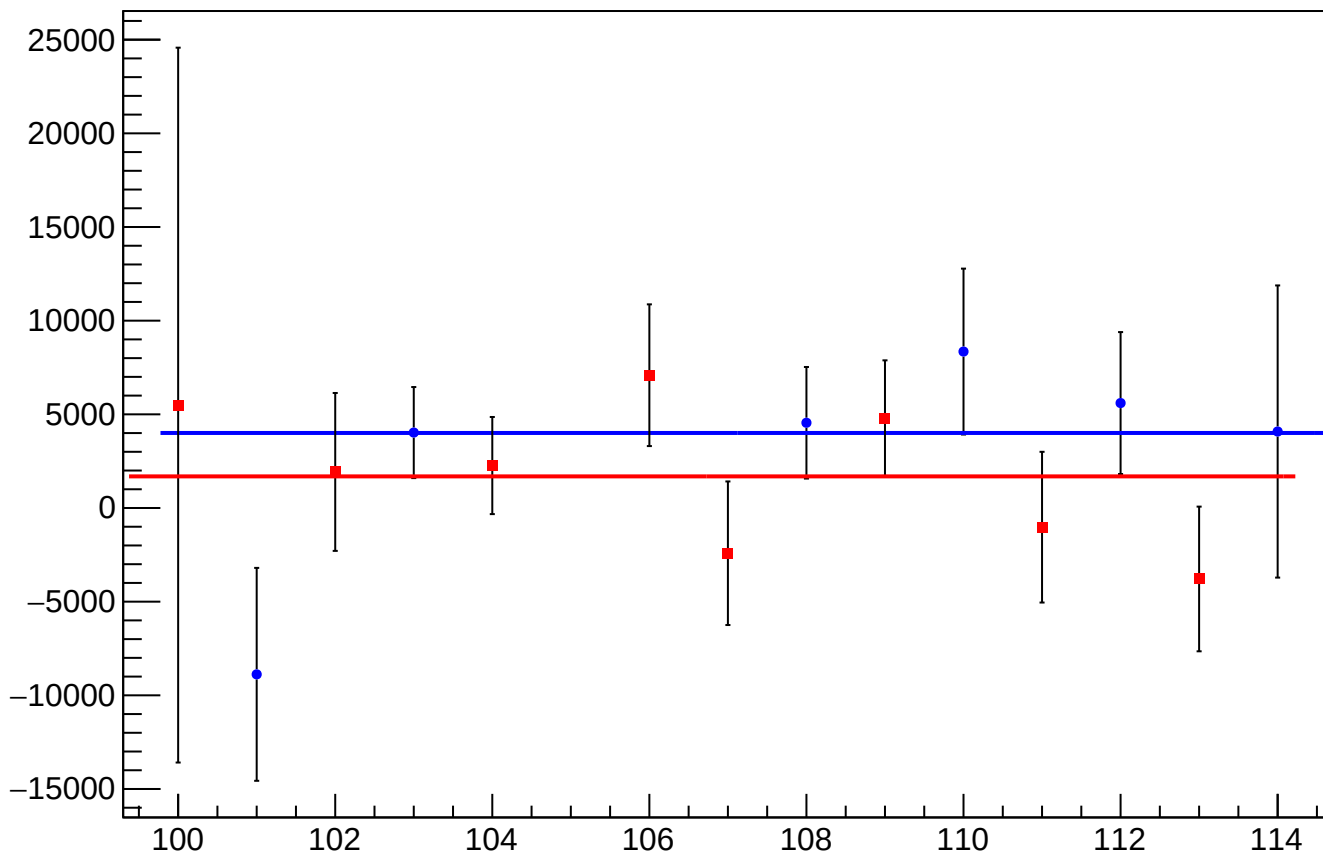
Right: 0.000+/-0.000 χ^2/NDF : 980191.2/13

In: 0.000+/-0.000 χ^2/NDF : 288909.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 980191.2/13

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4005.768 $\pm$ 1490.447 χ^2 /NDF: 6.3/5

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

Right Out: 1687.659 $\pm$ 1313.343 χ^2 /NDF: 6.8/7

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

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

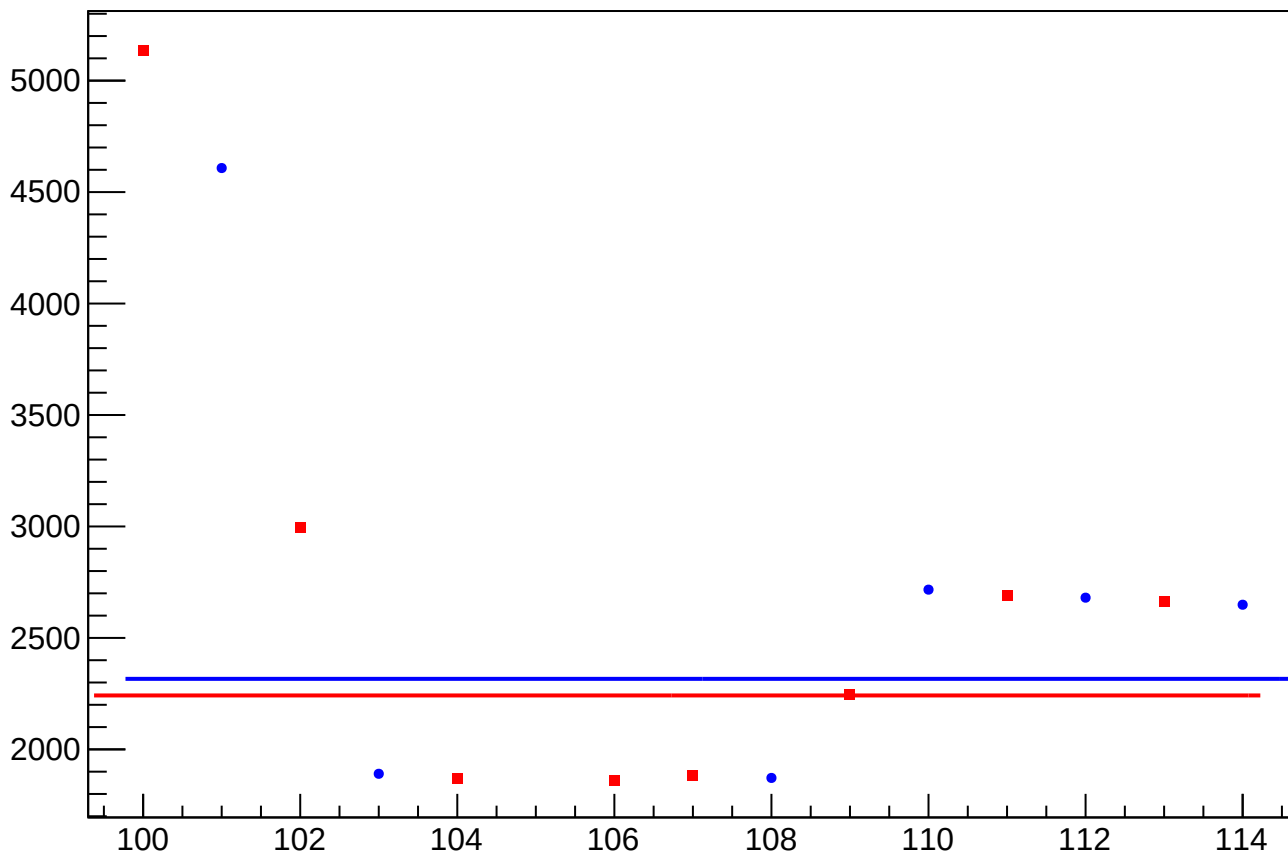
Right: 2700.870 $\pm$ 985.370 χ^2 /NDF: 14.4/13

In: 4005.768 $\pm$ 1490.447 χ^2 /NDF:6.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2700.870 $\pm$ 985.370 χ^2 /NDF: 14.4/13

reg_asym_atr2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

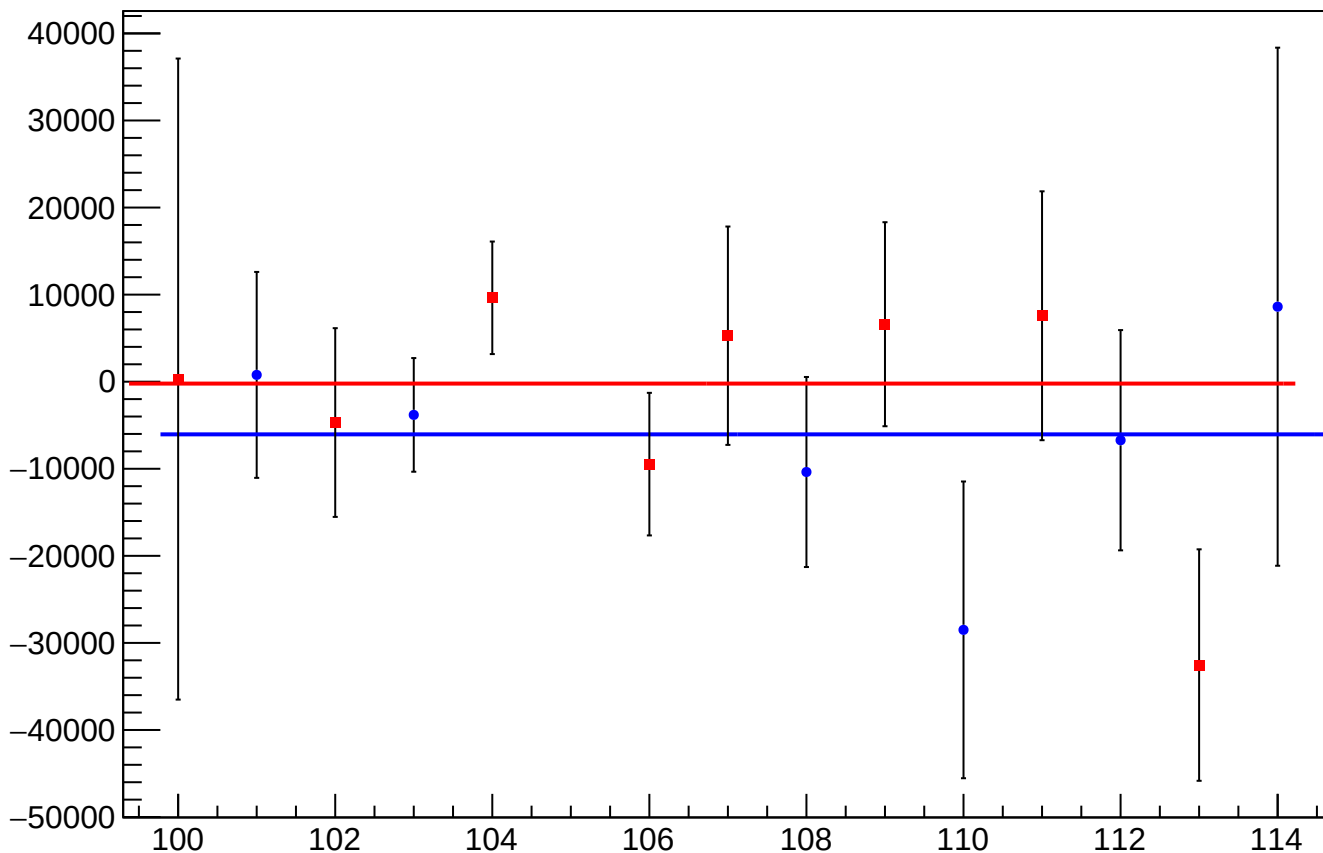
Right: 2274.471+/-0.697 χ^2/NDF : 710896.8/13

In: 2316.375+/-1.054 χ^2/NDF :469613.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2274.471+/-0.697 χ^2/NDF : 710896.8/13

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

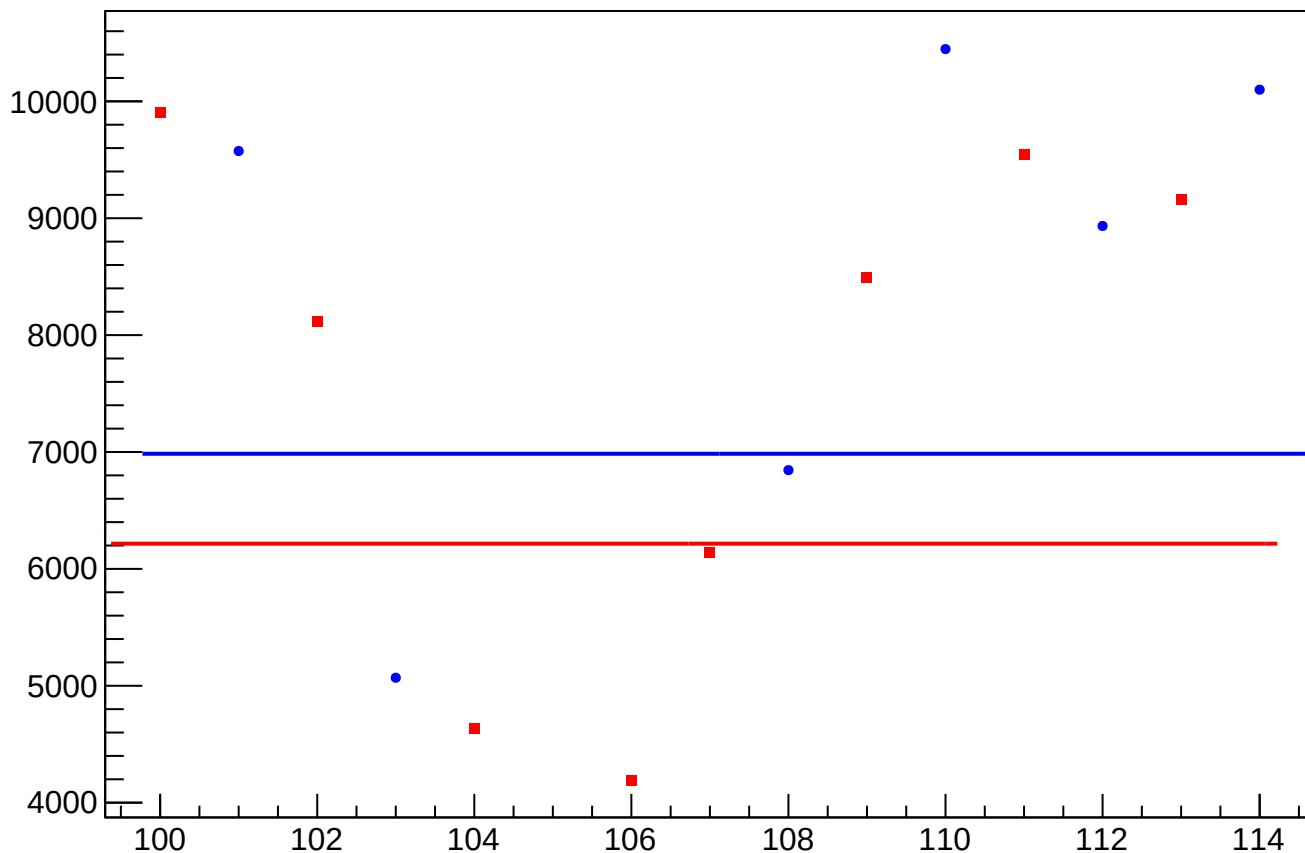
Right: -2596.039+/-2861.228 χ^2/NDF : 14.1/13

In: -6047.935+/-4479.329 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2596.039+/-2861.228 χ^2/NDF : 14.1/13

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

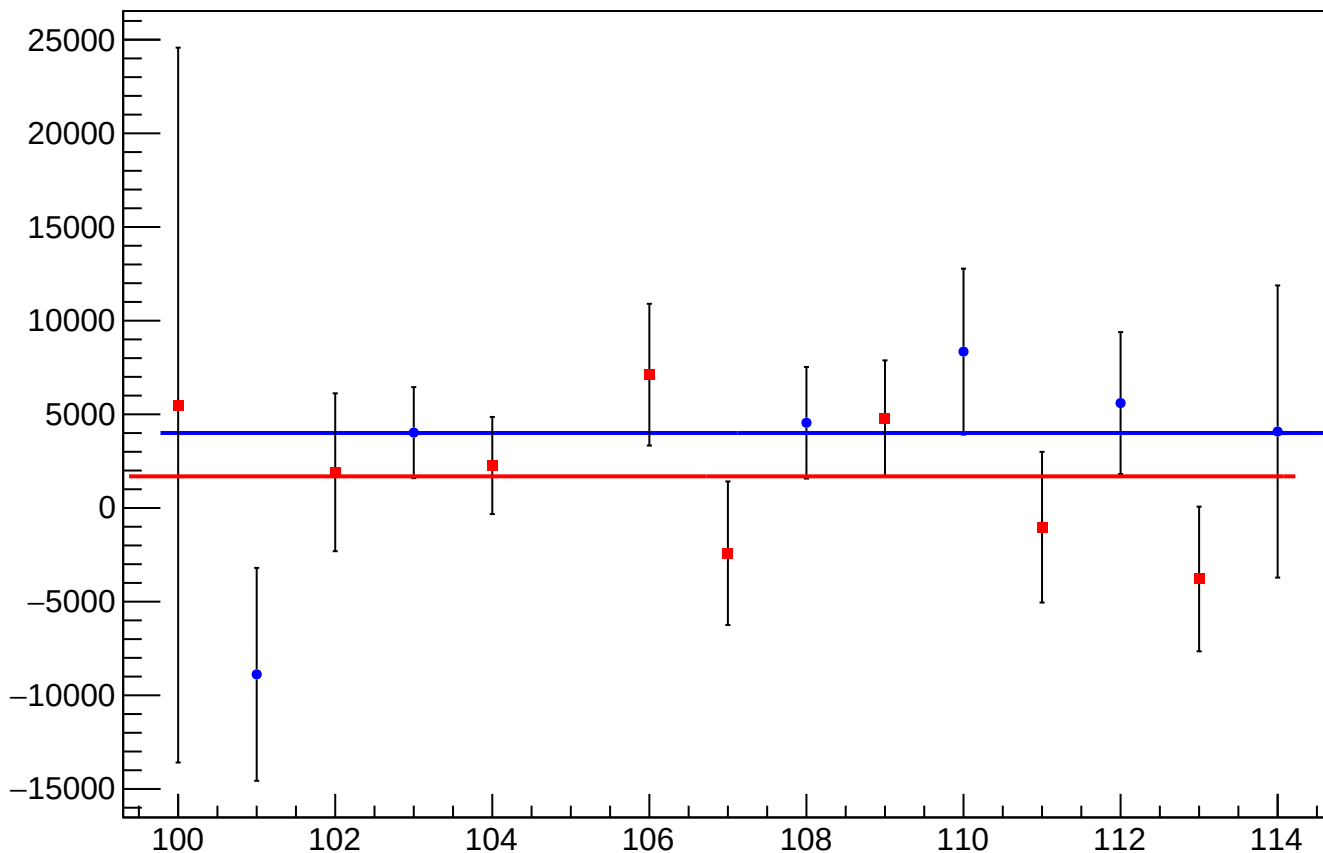
Right: 6529.600+/-2.023 χ^2/NDF : 1062044.8/13

In: 6984.894+/-3.167 χ^2/NDF : 420576.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6529.600+/-2.023 χ^2/NDF : 1062044.8/13

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4004.410 $\pm$ 1490.448 χ^2/NDF : 6.3/5

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

Right Out: 1689.154 $\pm$ 1313.364 χ^2/NDF : 6.8/7

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

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

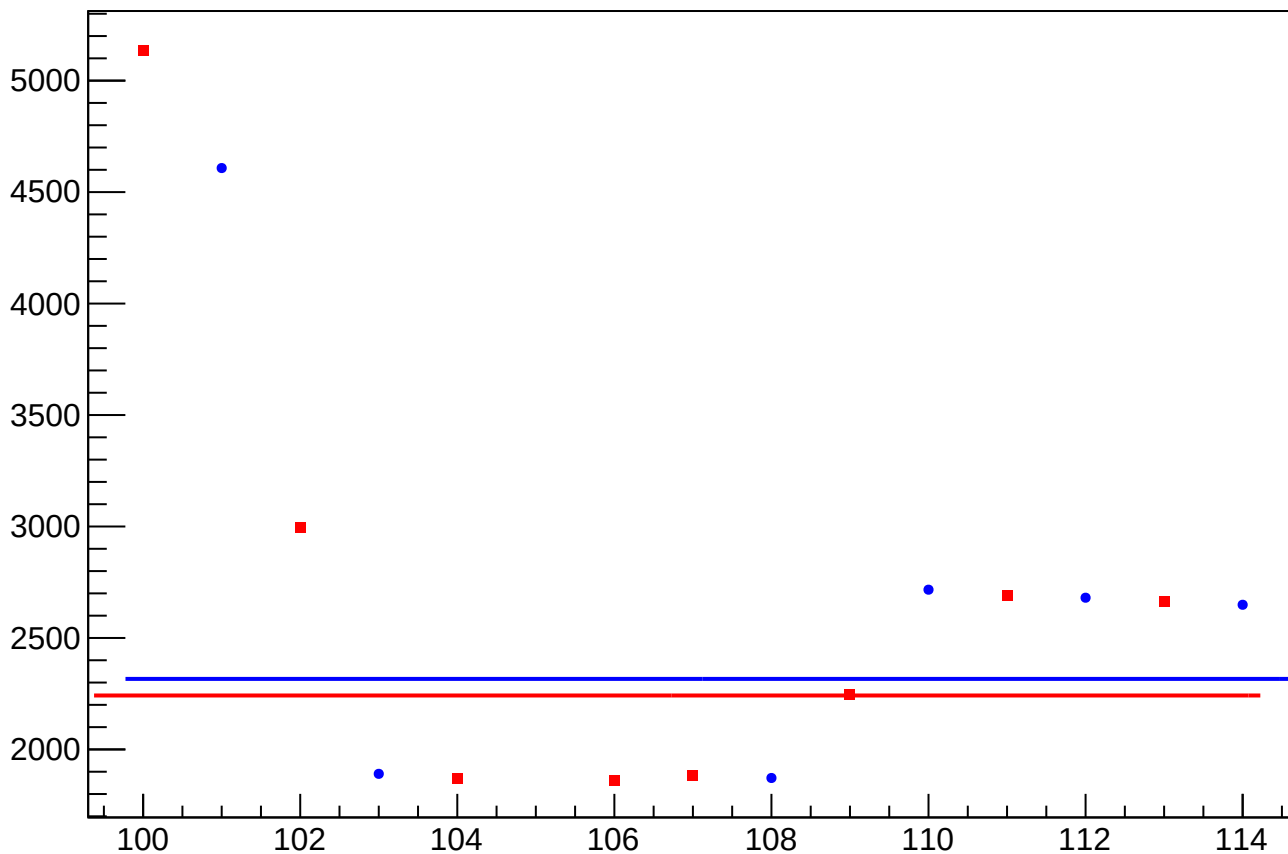
Right: 2701.136 $\pm$ 985.380 χ^2/NDF : 14.5/13

In: 4004.410 $\pm$ 1490.448 χ^2/NDF : 6.3/5

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

All: 2701.136 $\pm$ 985.380 χ^2/NDF : 14.5/13

cor_asym_atr2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

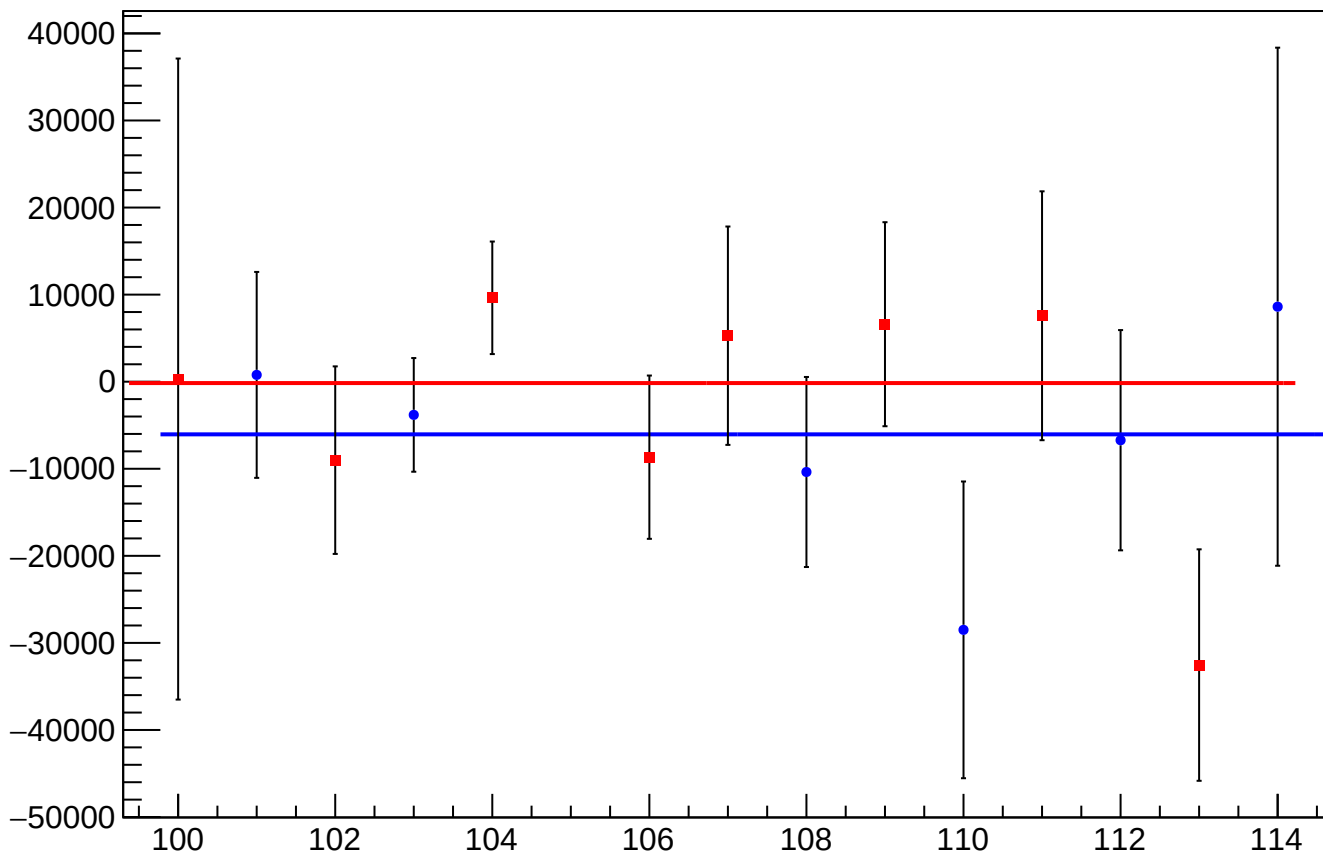
Right: 2274.496+/-0.697 χ^2/NDF : 710860.1/13

In: 2316.377+/-1.054 χ^2/NDF : 469611.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.496+/-0.697 χ^2/NDF : 710860.1/13

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

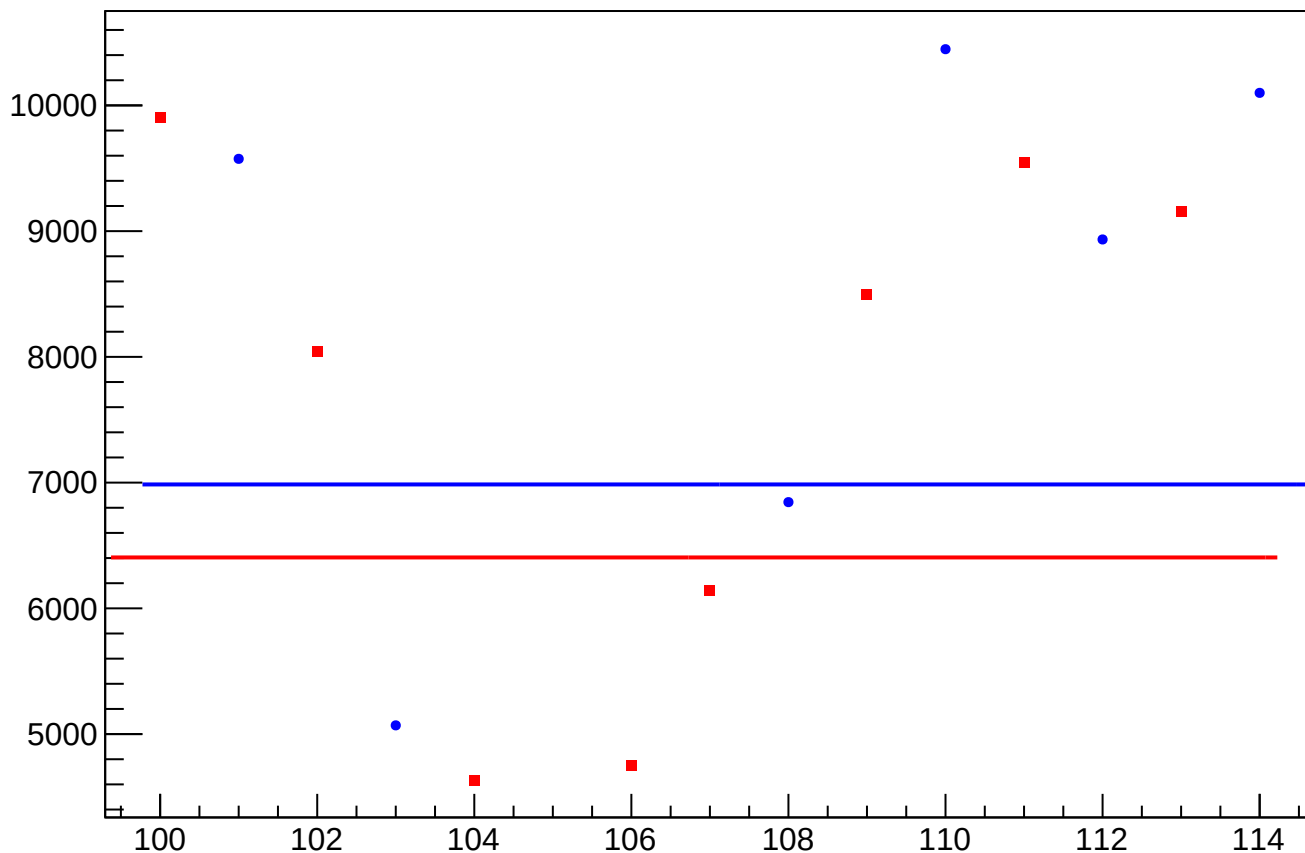
Right: -2630.255+/-2902.396 χ^2/NDF : 14.1/13

In: -6047.894+/-4479.604 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2630.255+/-2902.396 χ^2/NDF : 14.1/13

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

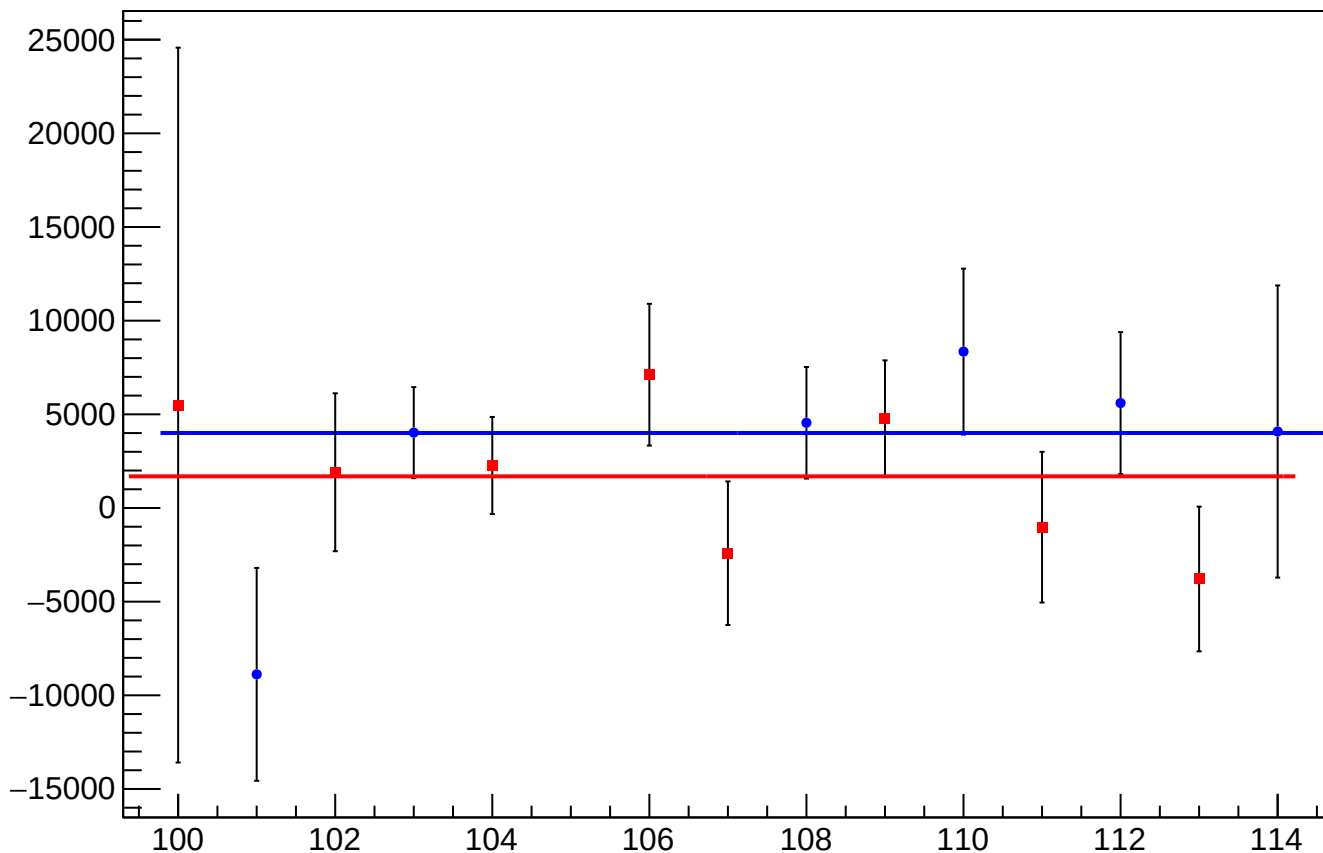
Right: 6648.588+/-2.052 χ^2/NDF : 964502.3/13

In: 6985.465+/-3.168 χ^2/NDF : 420400.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6648.588+/-2.052 χ^2/NDF : 964502.3/13

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

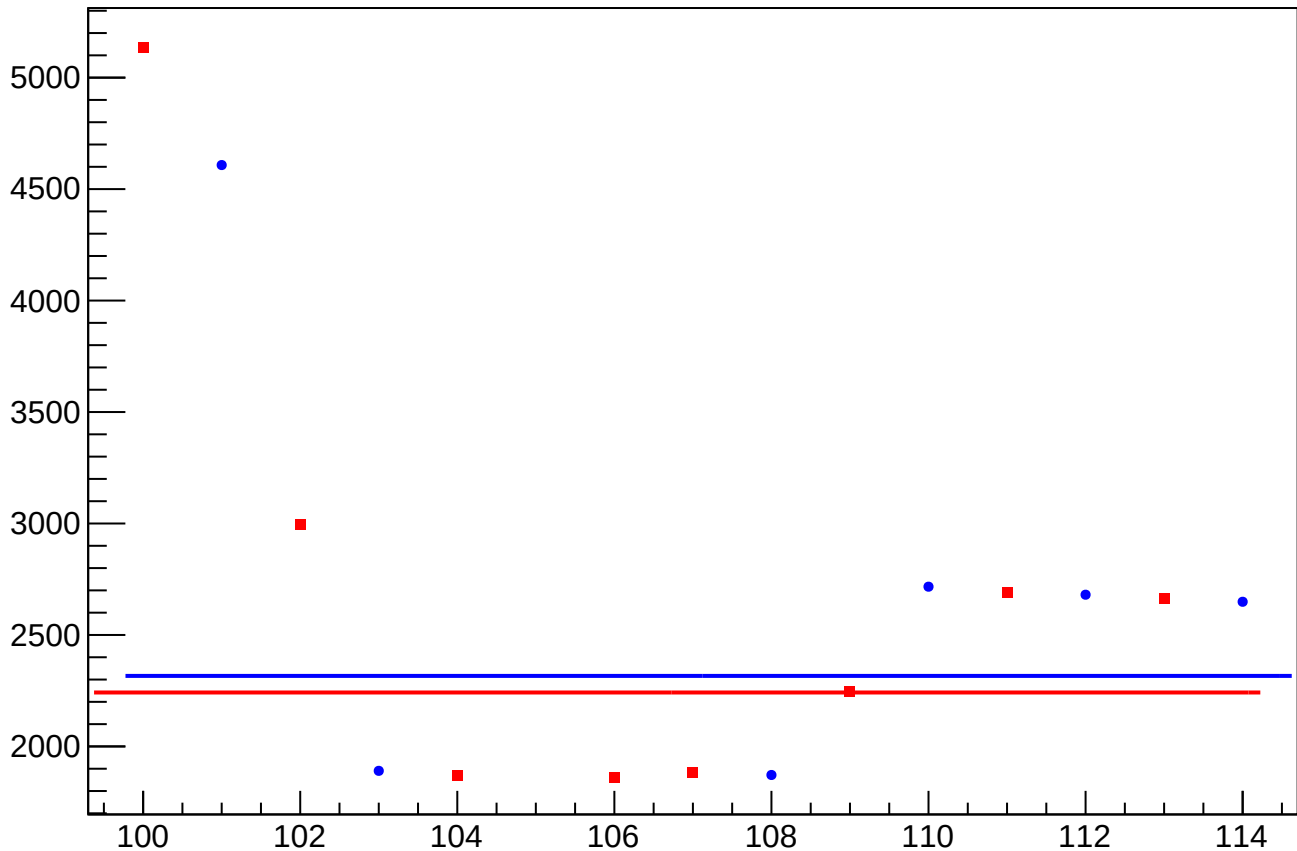
Right: 2701.136+/-985.380 χ^2/NDF : 14.5/13

In: 4004.410+/-1490.448 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.136+/-985.380 χ^2/NDF : 14.5/13

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

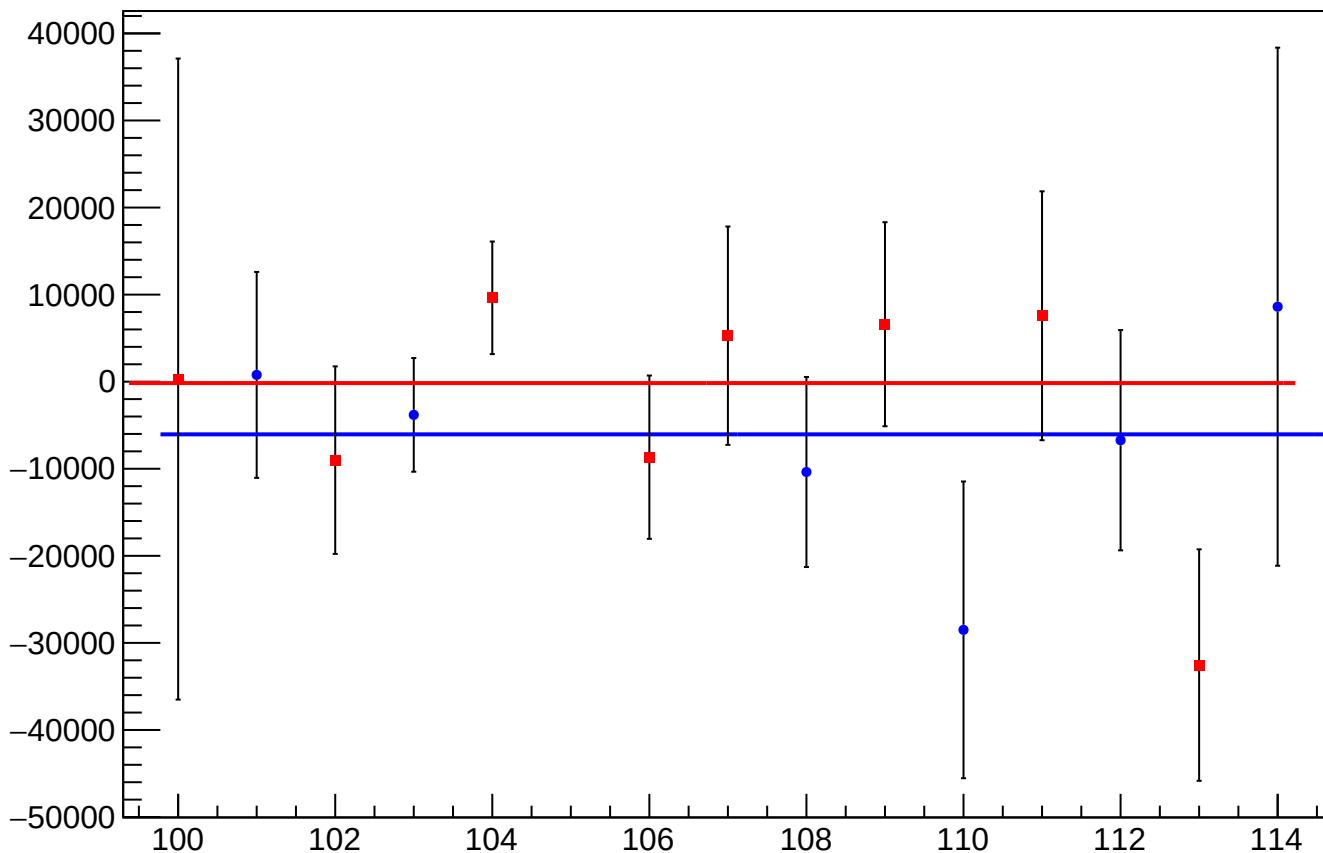
Right: 2274.496+/-0.697 χ^2/NDF : 710860.1/13

In: 2316.377+/-1.054 χ^2/NDF : 469611.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.496+/-0.697 χ^2/NDF : 710860.1/13

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

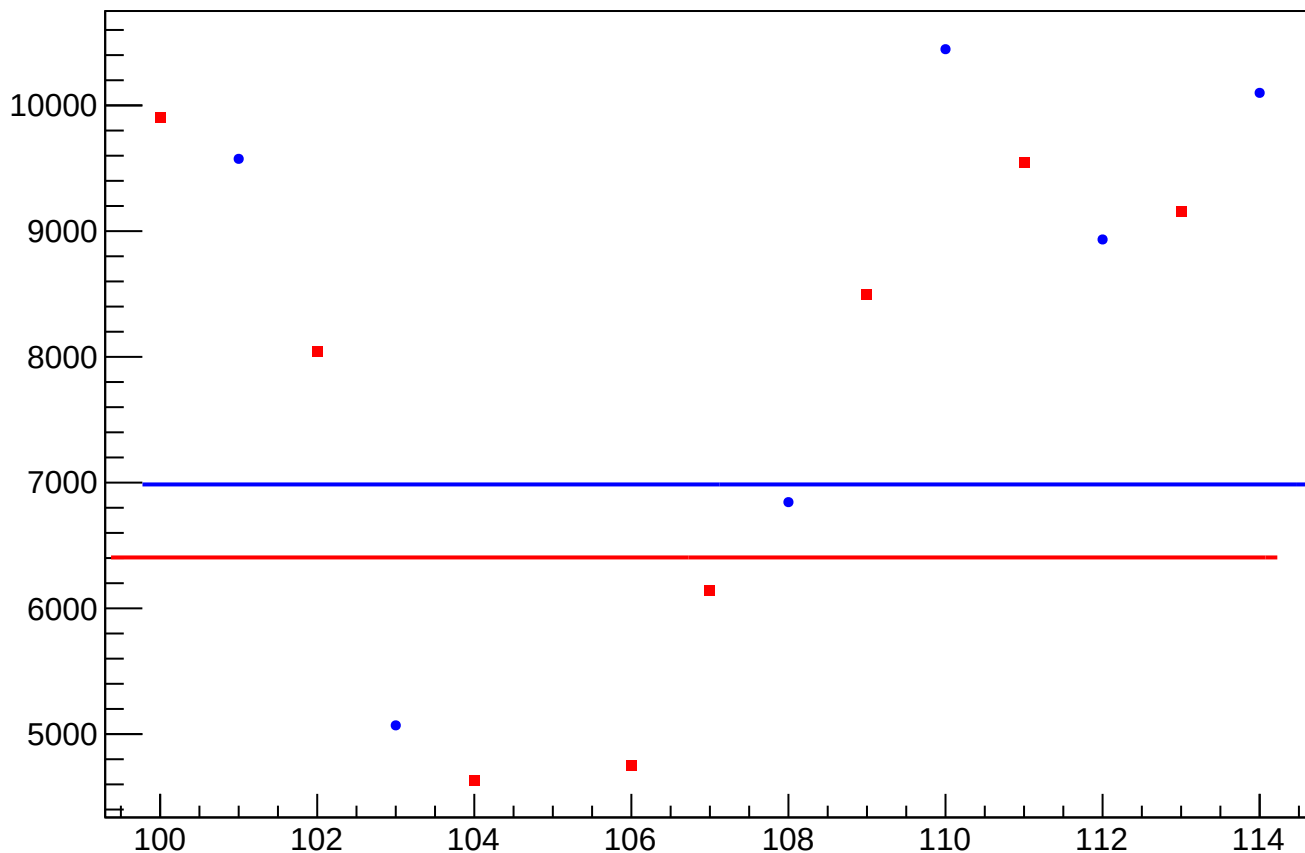
Right: -2630.255+/-2902.396 χ^2/NDF : 14.1/13

In: -6047.894+/-4479.604 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2630.255+/-2902.396 χ^2/NDF : 14.1/13

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

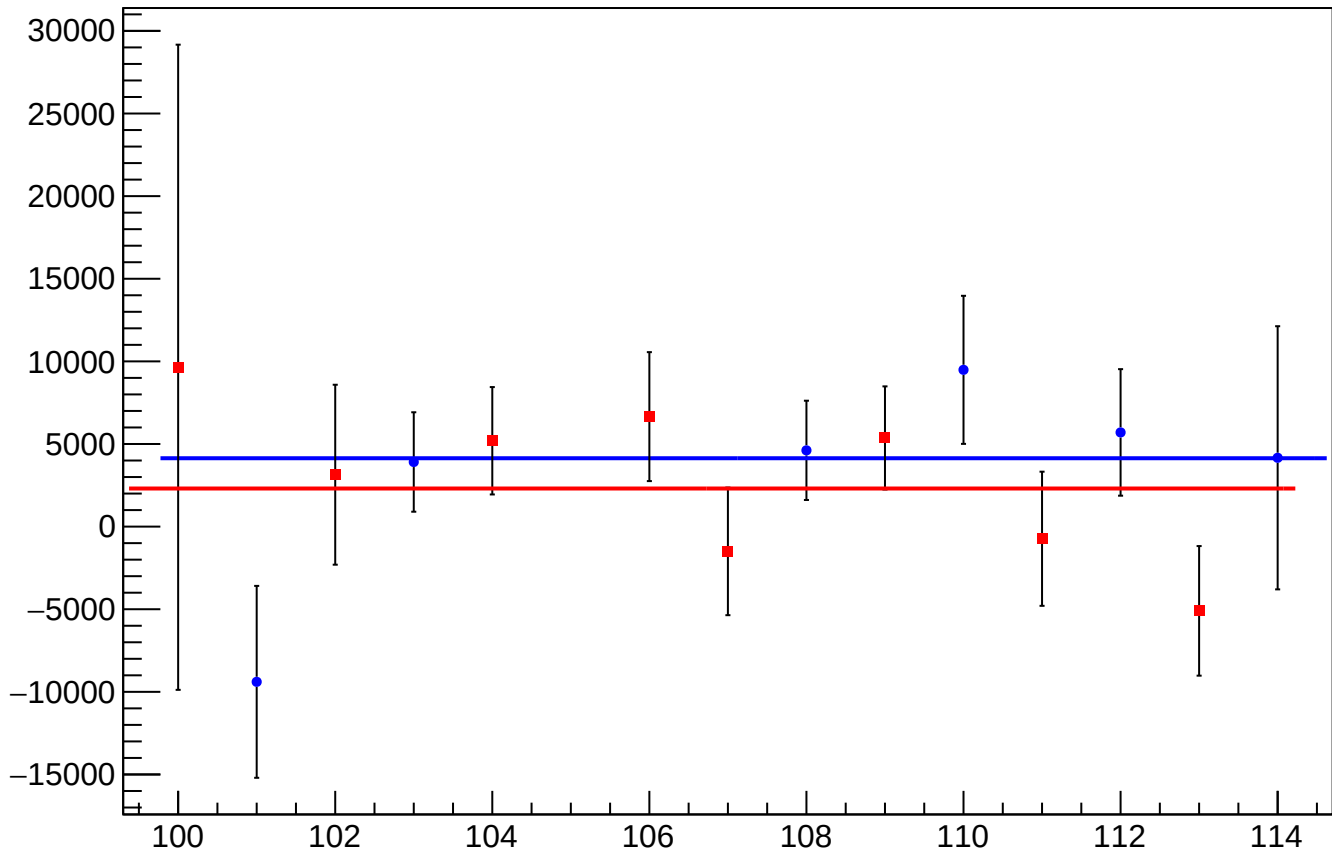
Right: 6648.588+/-2.052 χ^2/NDF : 964502.3/13

In: 6985.465+/-3.168 χ^2/NDF : 420400.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6648.588+/-2.052 χ^2/NDF : 964502.3/13

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

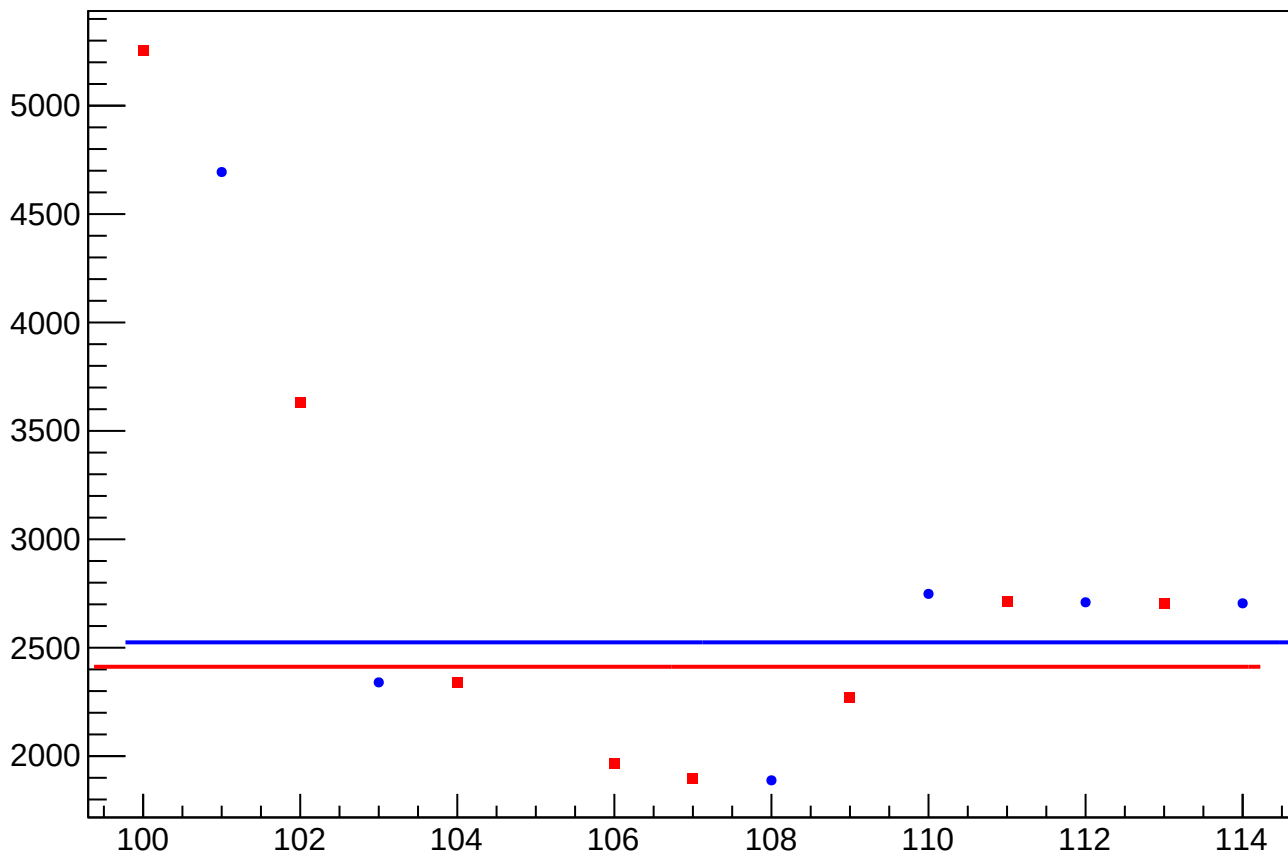
Right: 3109.478+/-1067.885 χ^2/NDF : 16.0/13

In: 4137.916+/-1612.299 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.478+/-1067.885 χ^2/NDF : 16.0/13

dit_asym_atr2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

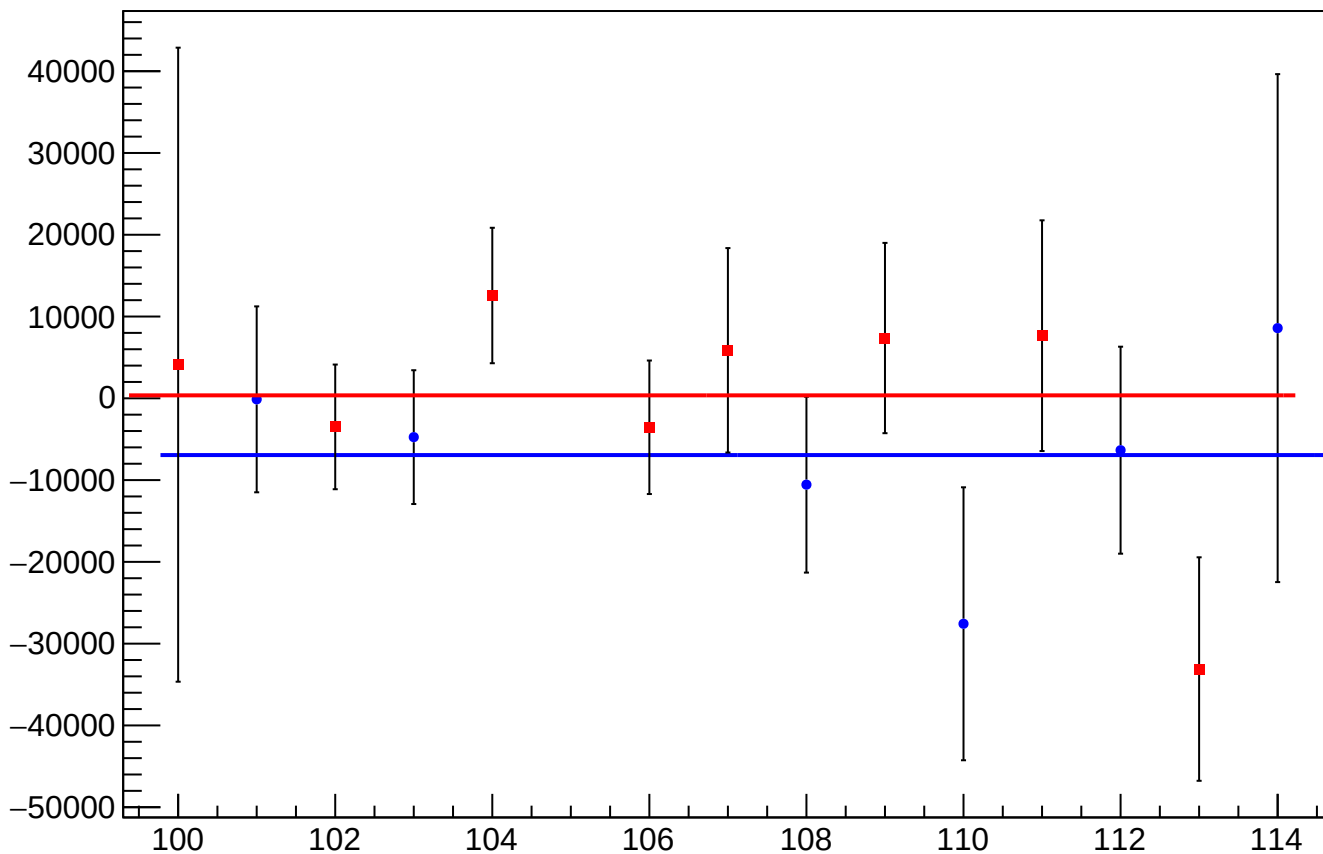
Right: 2461.468+/-0.755 χ^2/NDF : 624458.4/13

In: 2524.743+/-1.140 χ^2/NDF : 387024.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.468+/-0.755 χ^2/NDF : 624458.4/13

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

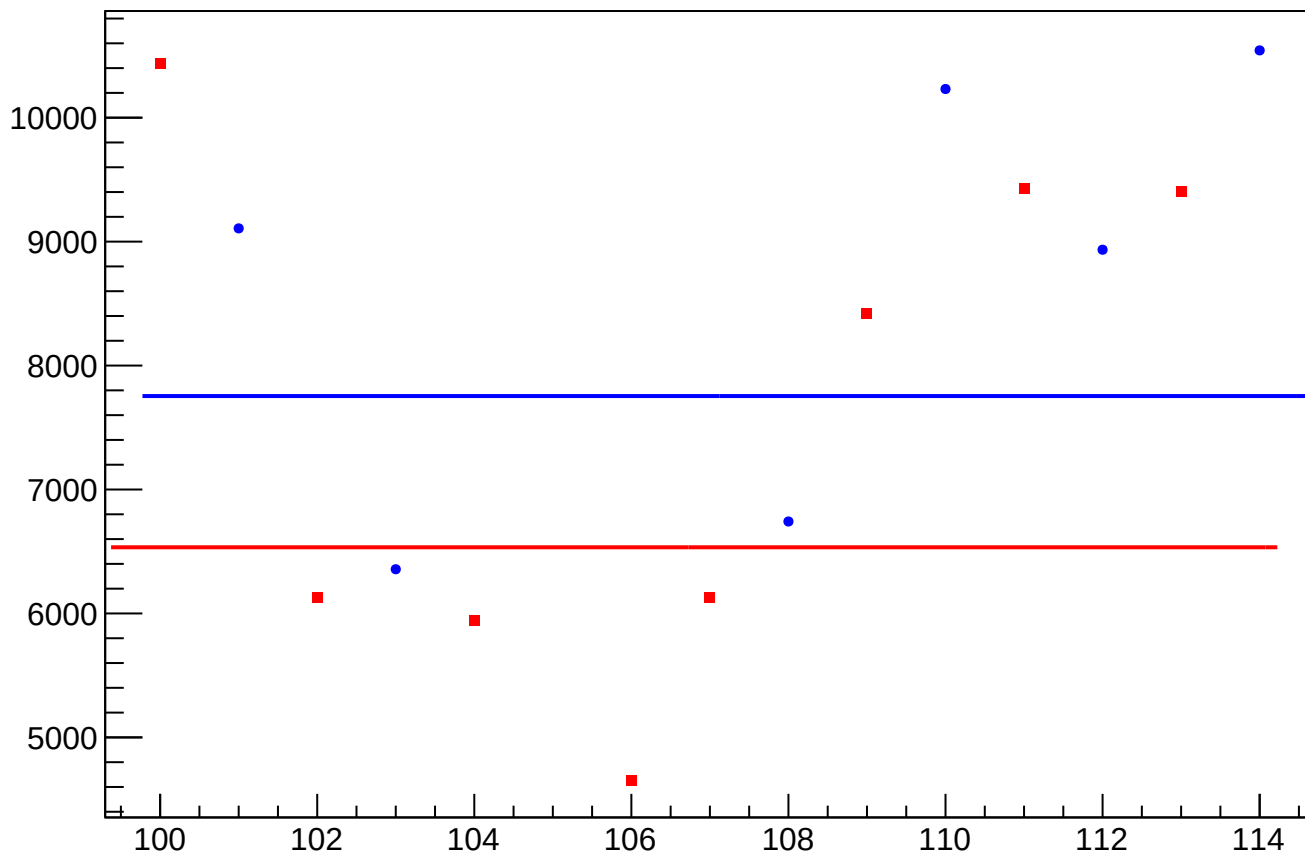
Right: -2344.648+/-2963.923 χ^2/NDF : 13.2/13

In: -6939.819+/-4868.036 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2344.648+/-2963.923 χ^2/NDF : 13.2/13

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7754.058 ± 3.442 $\chi^2/\text{NDF}: 181992.3/5$

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

Right Out: 6533.825 ± 2.642 $\chi^2/\text{NDF}: 369366.9/7$

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

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

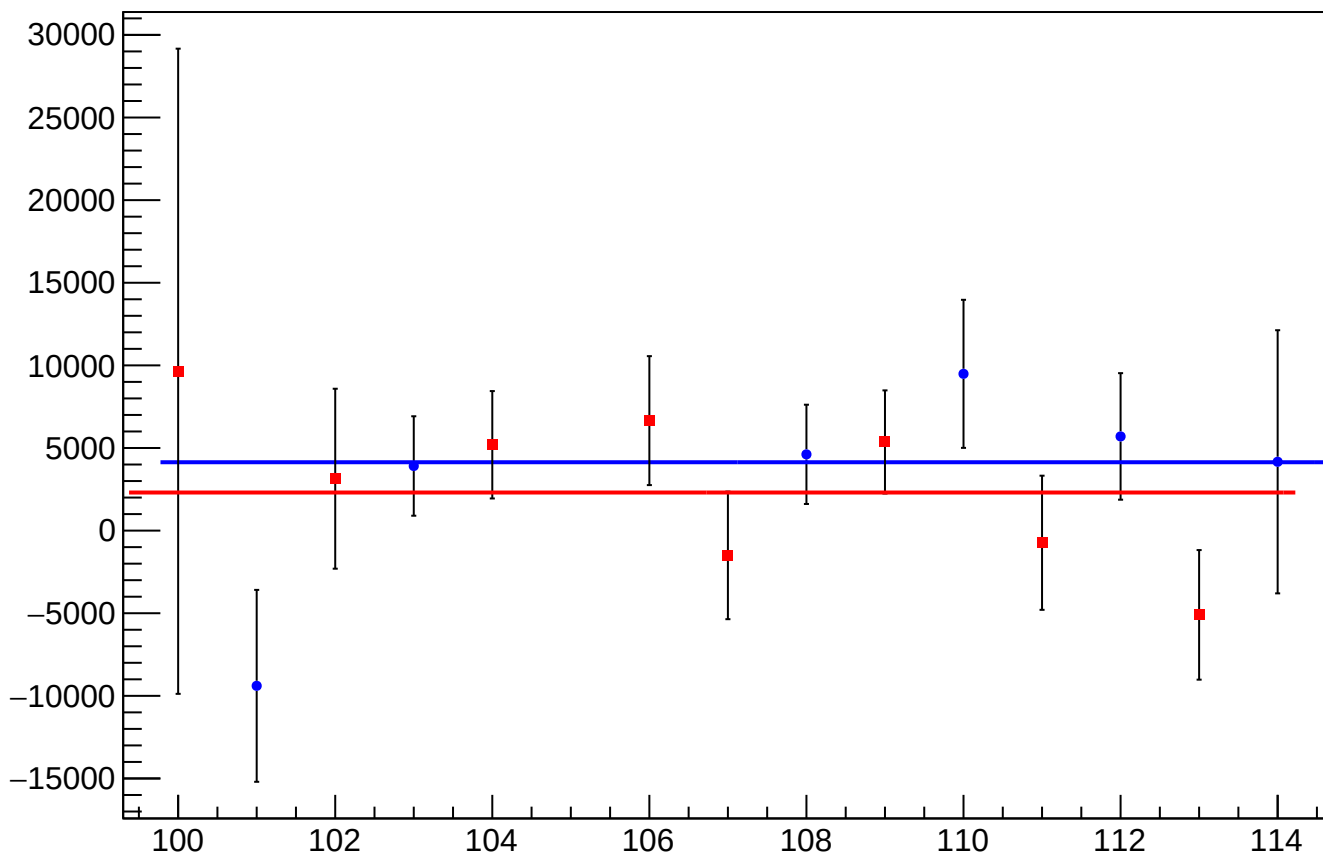
Right: 6986.169 ± 2.096 $\chi^2/\text{NDF}: 630438.6/13$

In: 7754.058 ± 3.442 $\chi^2/\text{NDF}: 181992.3/5$

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

All: 6986.169 ± 2.096 $\chi^2/\text{NDF}: 630438.6/13$

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4137.917+/-1612.299 χ^2/NDF : 7.1/5

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

Right Out: 2305.710+/-1425.355 χ^2/NDF : 8.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

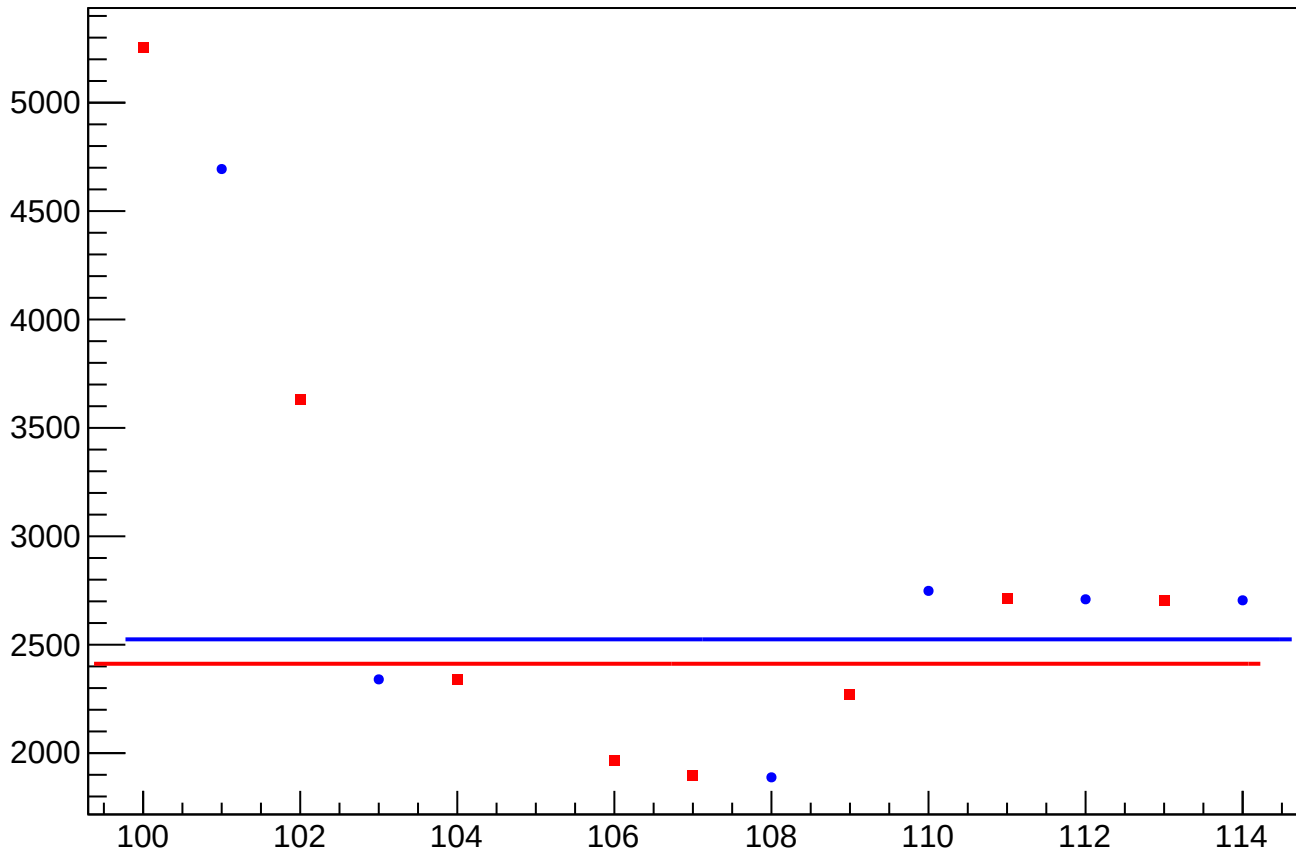
Right: 3109.481+/-1067.885 χ^2/NDF : 16.0/13

In: 4137.917+/-1612.299 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.481+/-1067.885 χ^2/NDF : 16.0/13

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

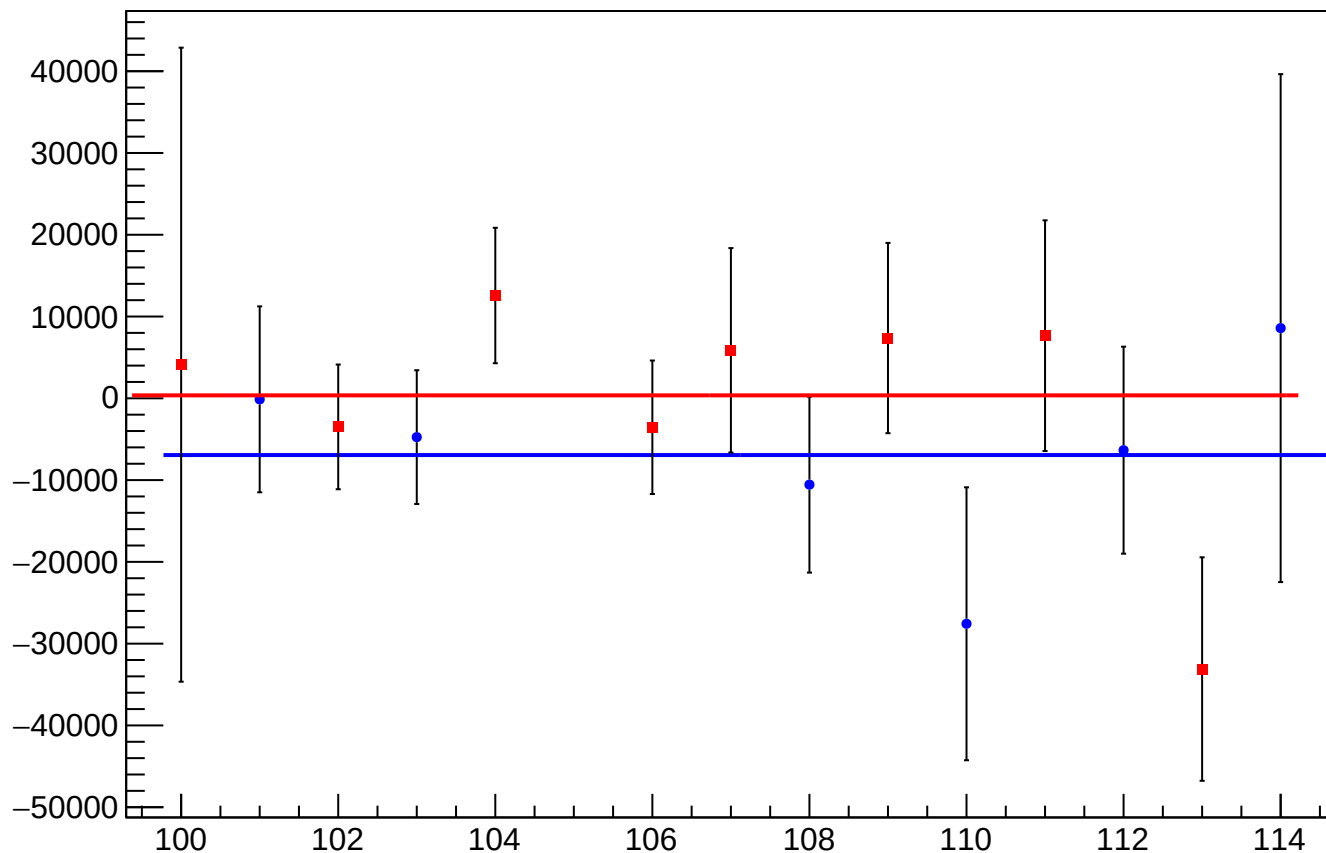
Right: 2461.467+/-0.755 χ^2/NDF : 624458.2/13

In: 2524.742+/-1.140 χ^2/NDF : 387025.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.467+/-0.755 χ^2/NDF : 624458.2/13

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

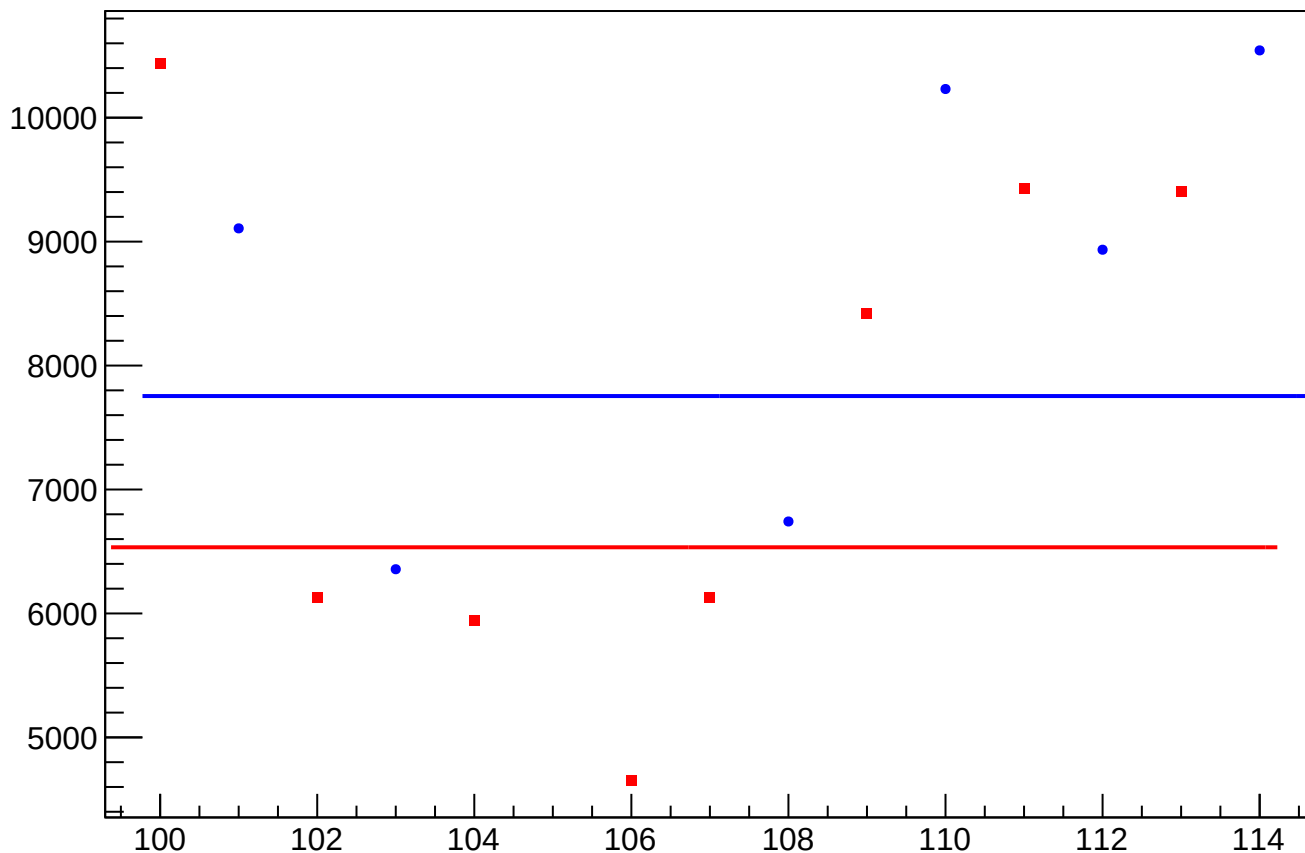
Right: -2344.644+/-2963.920 χ^2/NDF : 13.2/13

In: -6939.824+/-4868.033 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2344.644+/-2963.920 χ^2/NDF : 13.2/13

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7754.056 ± 3.442 $\chi^2/\text{NDF}: 181990.5/5$

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

Right Out: 6533.816 ± 2.642 $\chi^2/\text{NDF}: 369367.1/7$

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

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

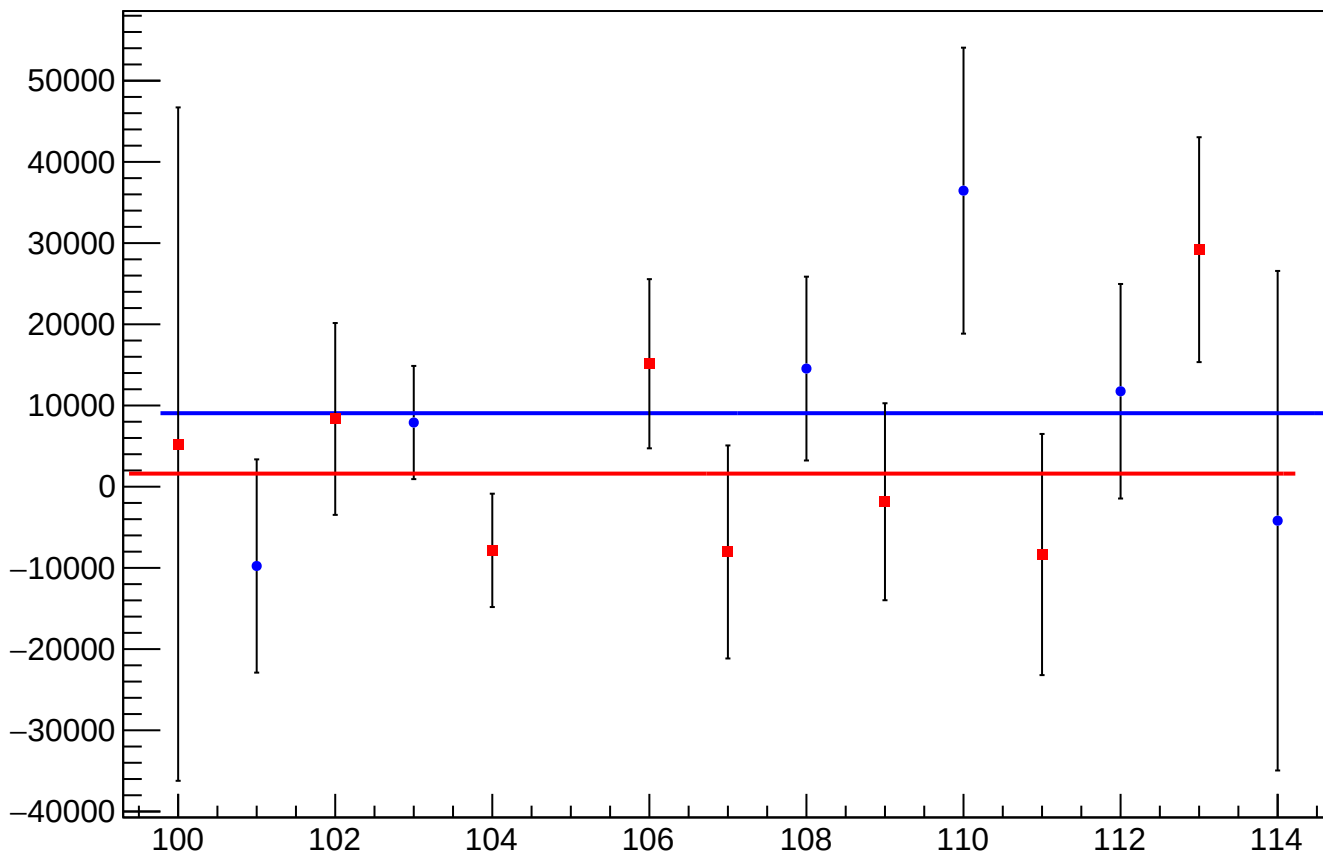
Right: 6986.162 ± 2.096 $\chi^2/\text{NDF}: 630438.0/13$

In: 7754.056 ± 3.442 $\chi^2/\text{NDF}: 181990.5/5$

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

All: 6986.162 ± 2.096 $\chi^2/\text{NDF}: 630438.0/13$

asym_atr2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

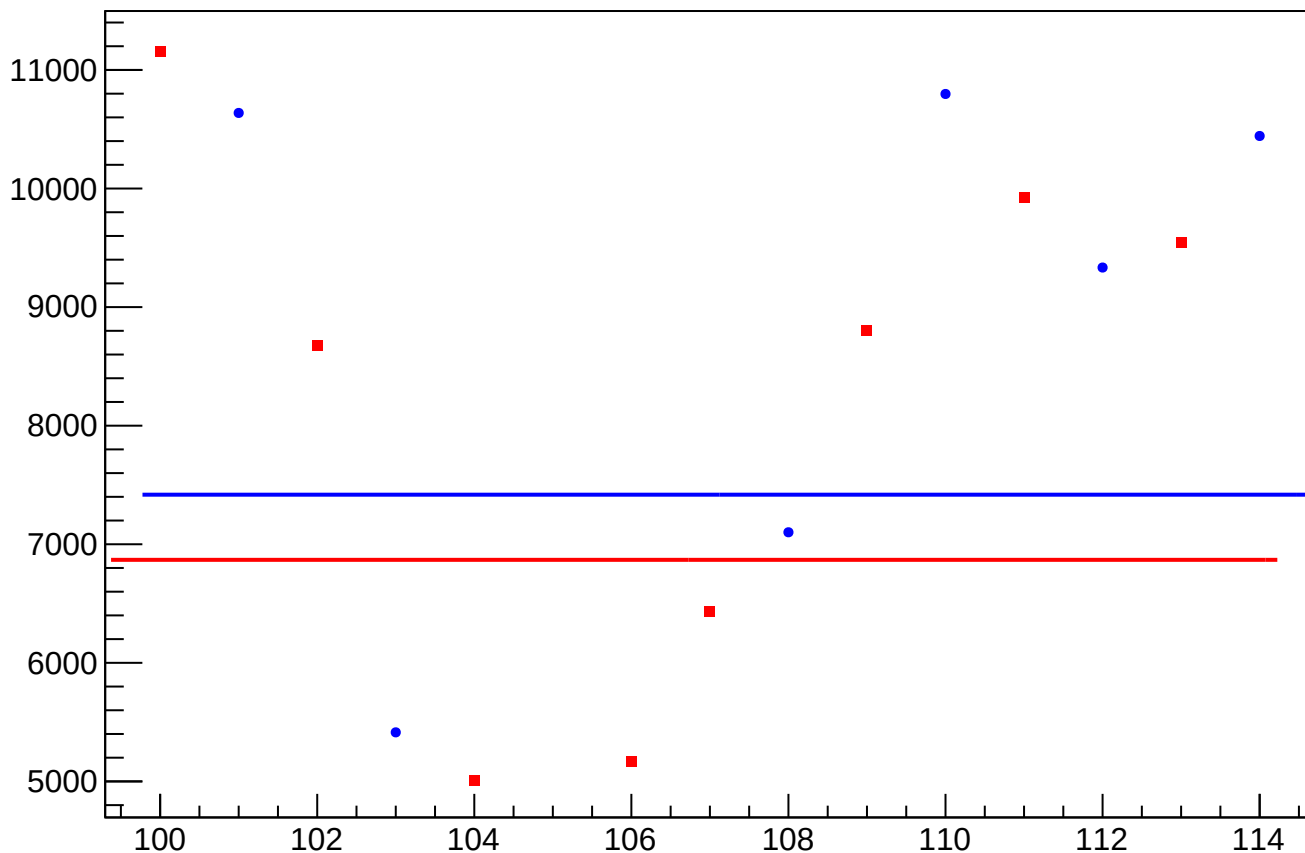
Right: 4772.633+/-3100.133 χ^2/NDF : 15.3/13

In: 9052.110+/-4756.283 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4772.633+/-3100.133 χ^2/NDF : 15.3/13

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7418.031+/-3.363 χ^2/NDF : 422252.7/5

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

Right Out: 6868.605+/-2.890 χ^2/NDF : 475394.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

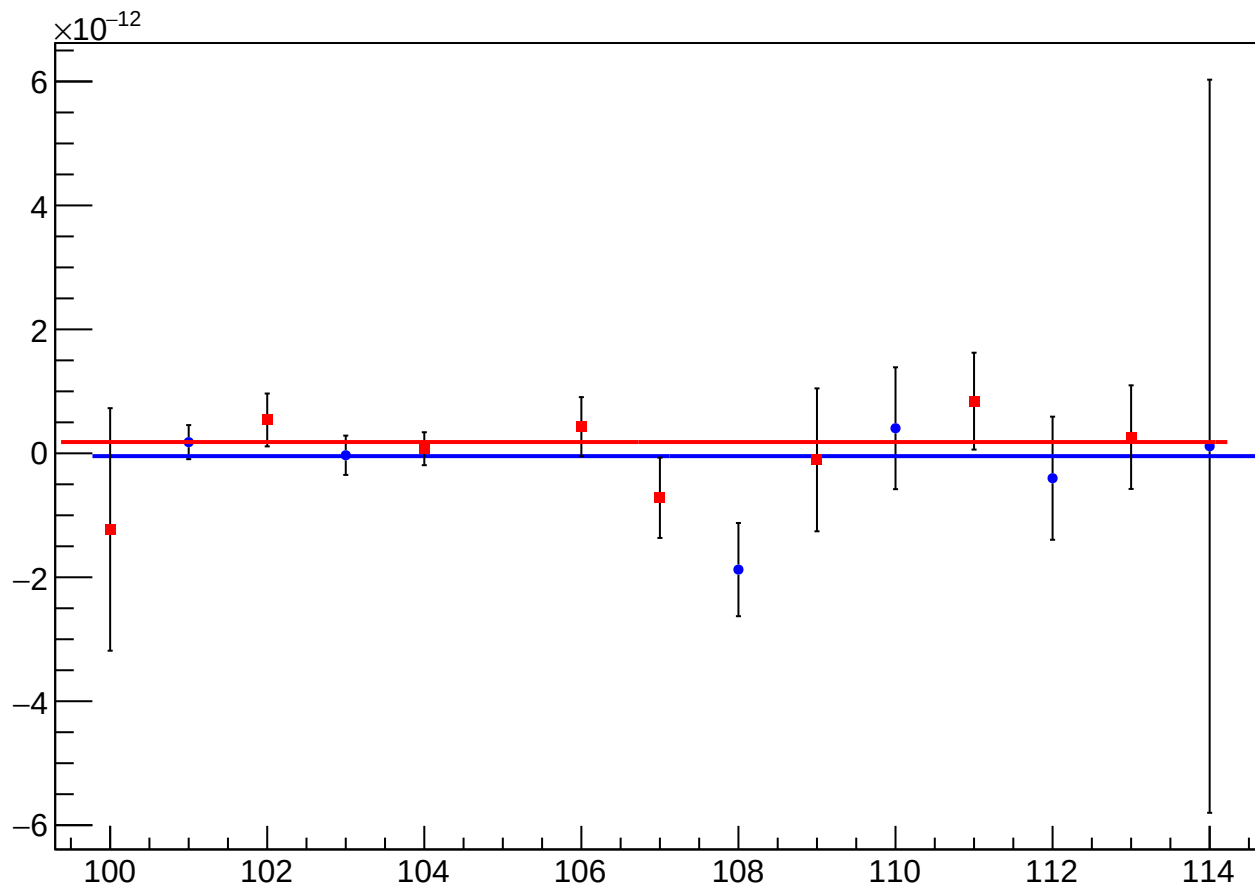
Right: 7102.015+/-2.192 χ^2/NDF : 912997.4/13

In: 7418.031+/-3.363 χ^2/NDF : 422252.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7102.015+/-2.192 χ^2/NDF : 912997.4/13

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

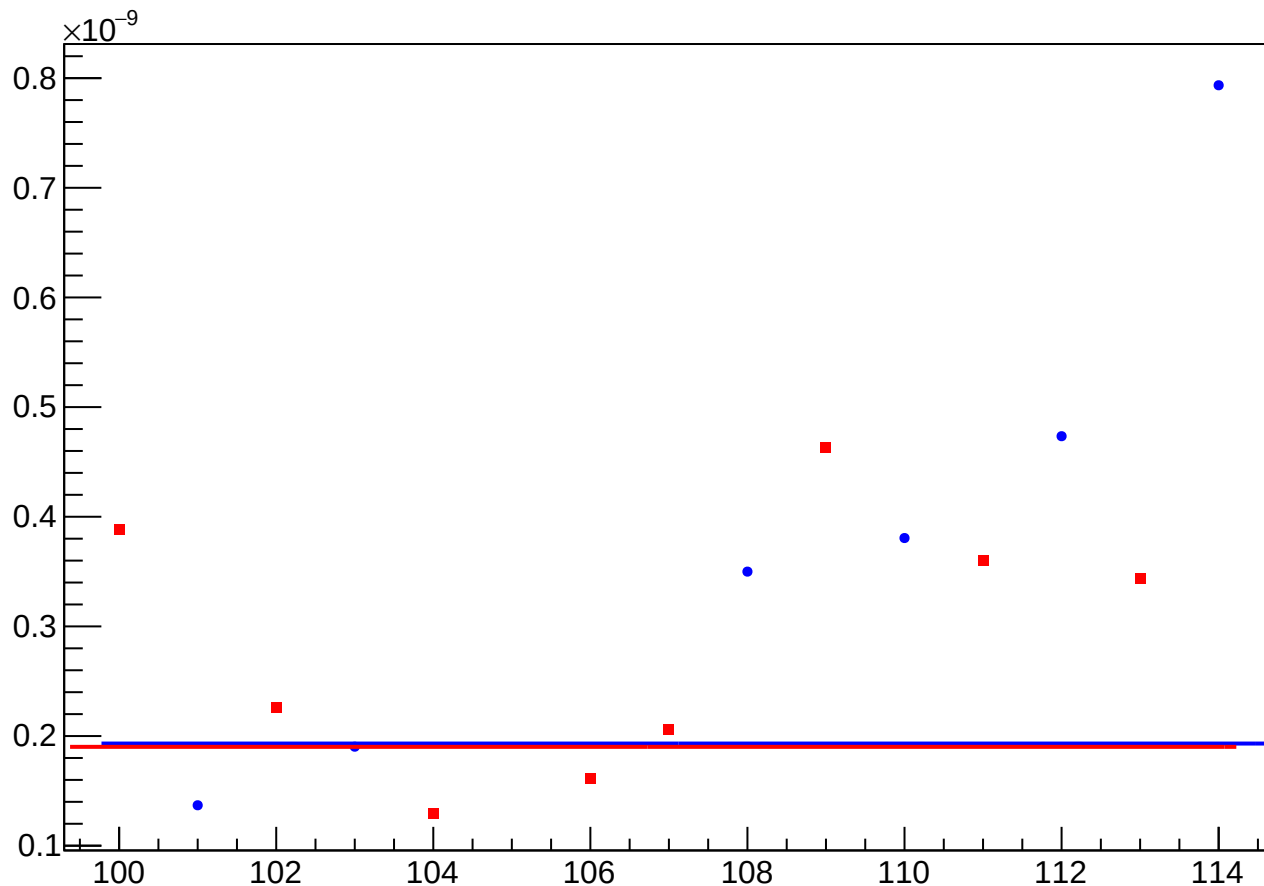
Right: 0.000+/-0.000 χ^2/NDF : 12.0/13

In: -0.000+/-0.000 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.0/13

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

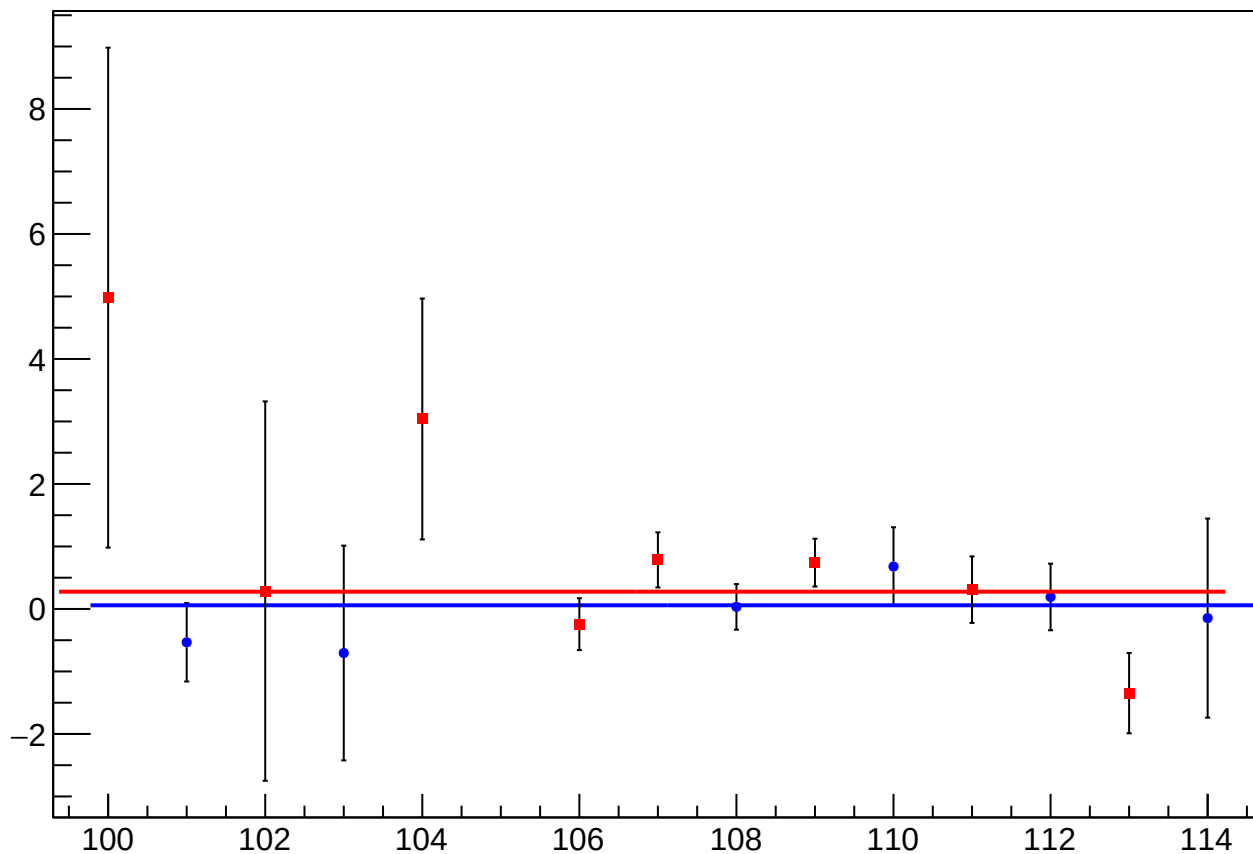
Right: 0.000+/-0.000 χ^2/NDF : 846490.0/13

In: 0.000+/-0.000 χ^2/NDF : 423462.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 846490.0/13

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

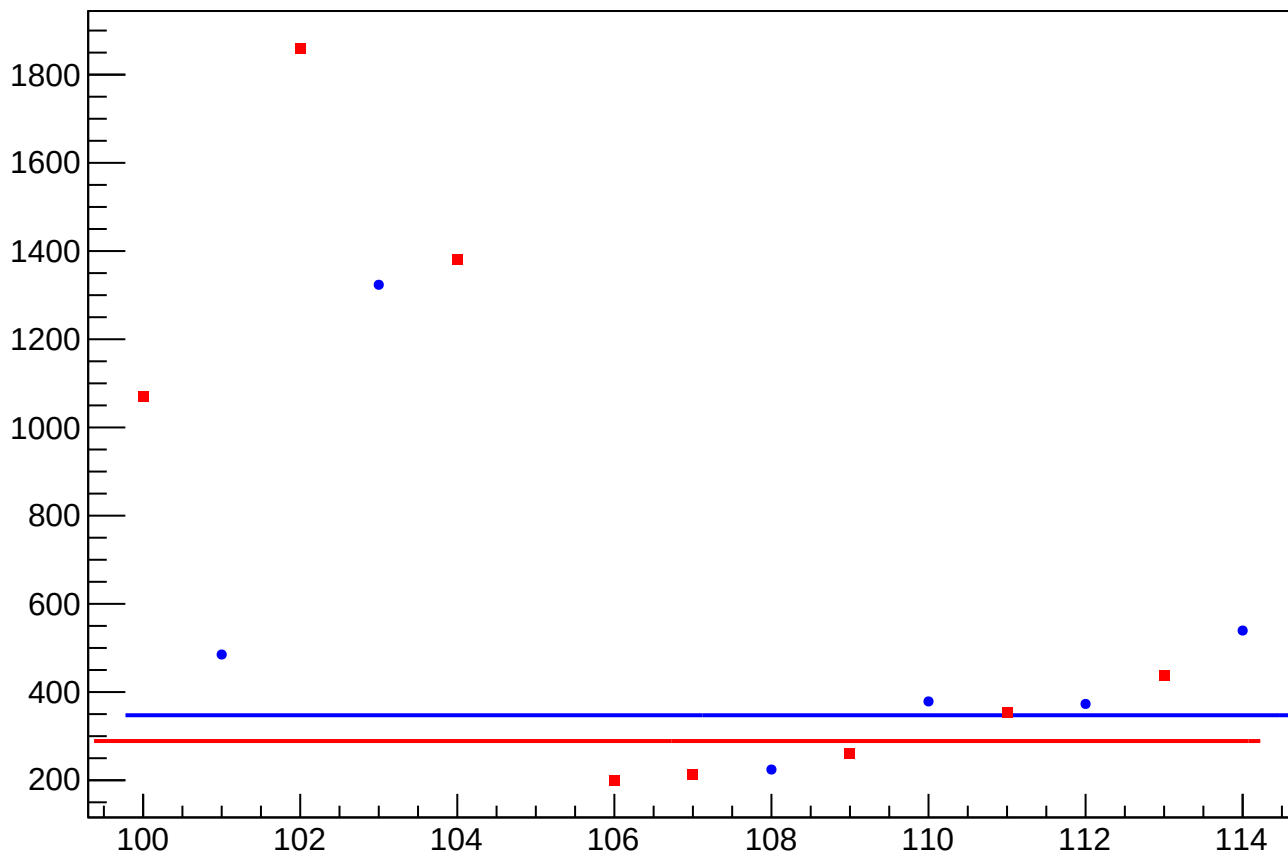
Right: 0.187+/-0.156 χ^2/NDF : 16.8/13

In: 0.059+/-0.244 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.187+/-0.156 χ^2/NDF : 16.8/13

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

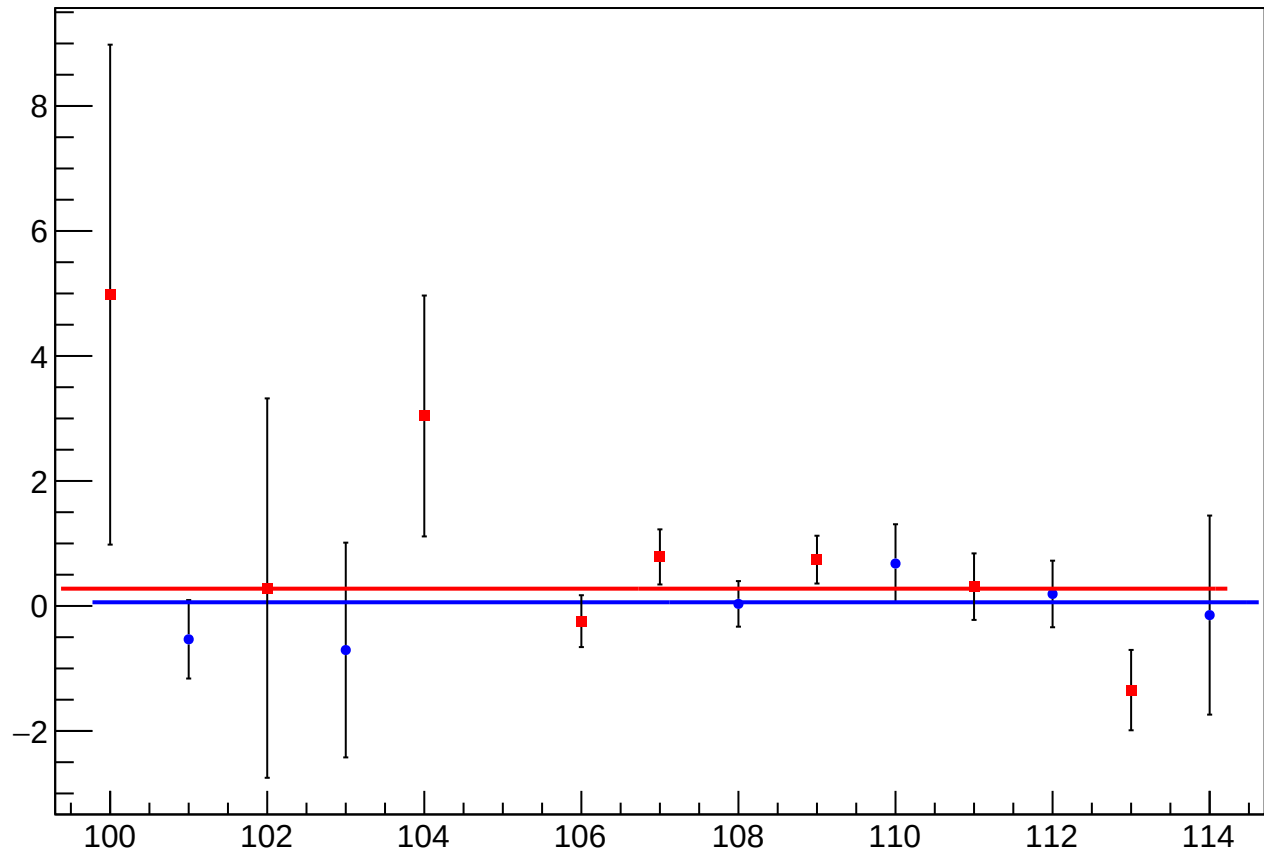
Right: 312.950+/-0.110 χ^2/NDF : 2629498.9/13

In: 347.426+/-0.172 χ^2/NDF : 1008416.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.950+/-0.110 χ^2/NDF : 2629498.9/13

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

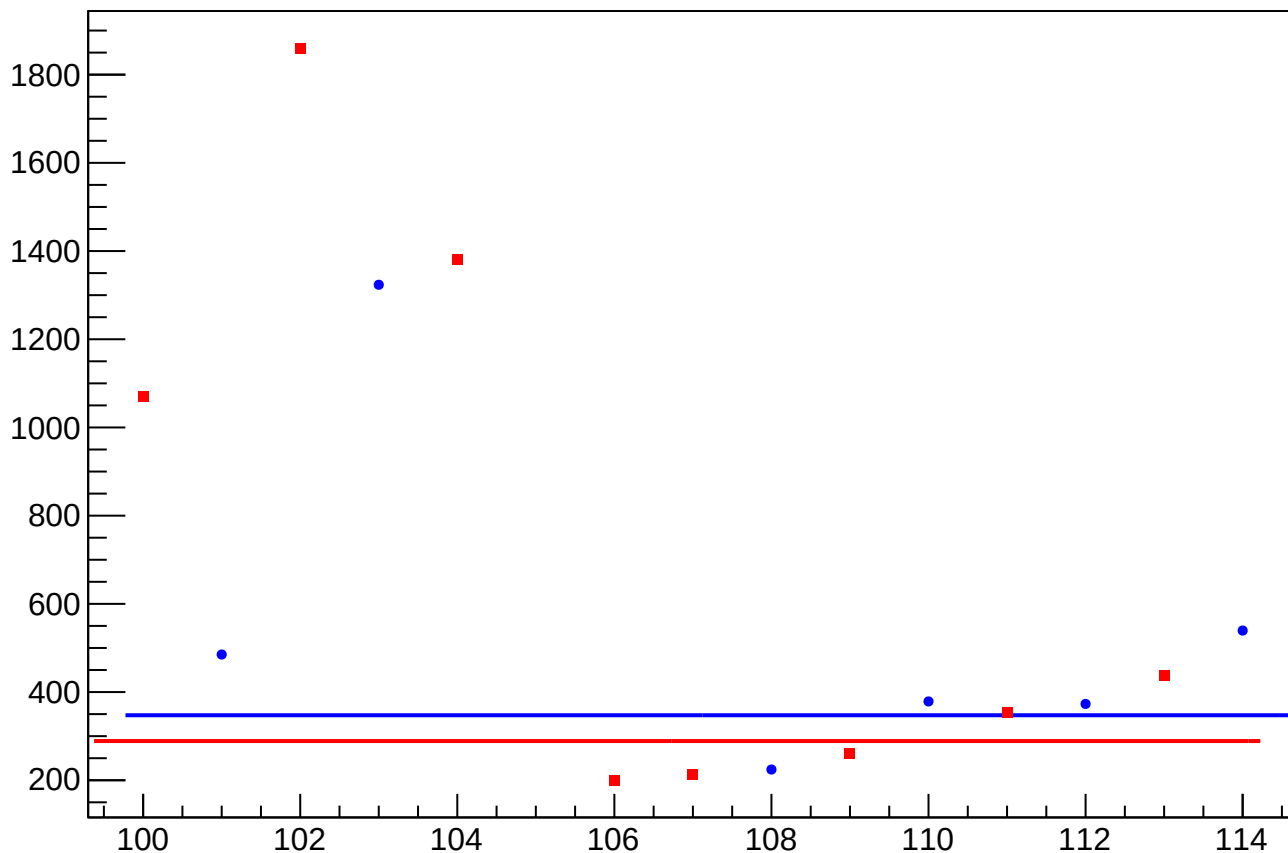
Right: 0.187+/-0.156 χ^2/NDF : 16.8/13

In: 0.059+/-0.244 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.187+/-0.156 χ^2/NDF : 16.8/13

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

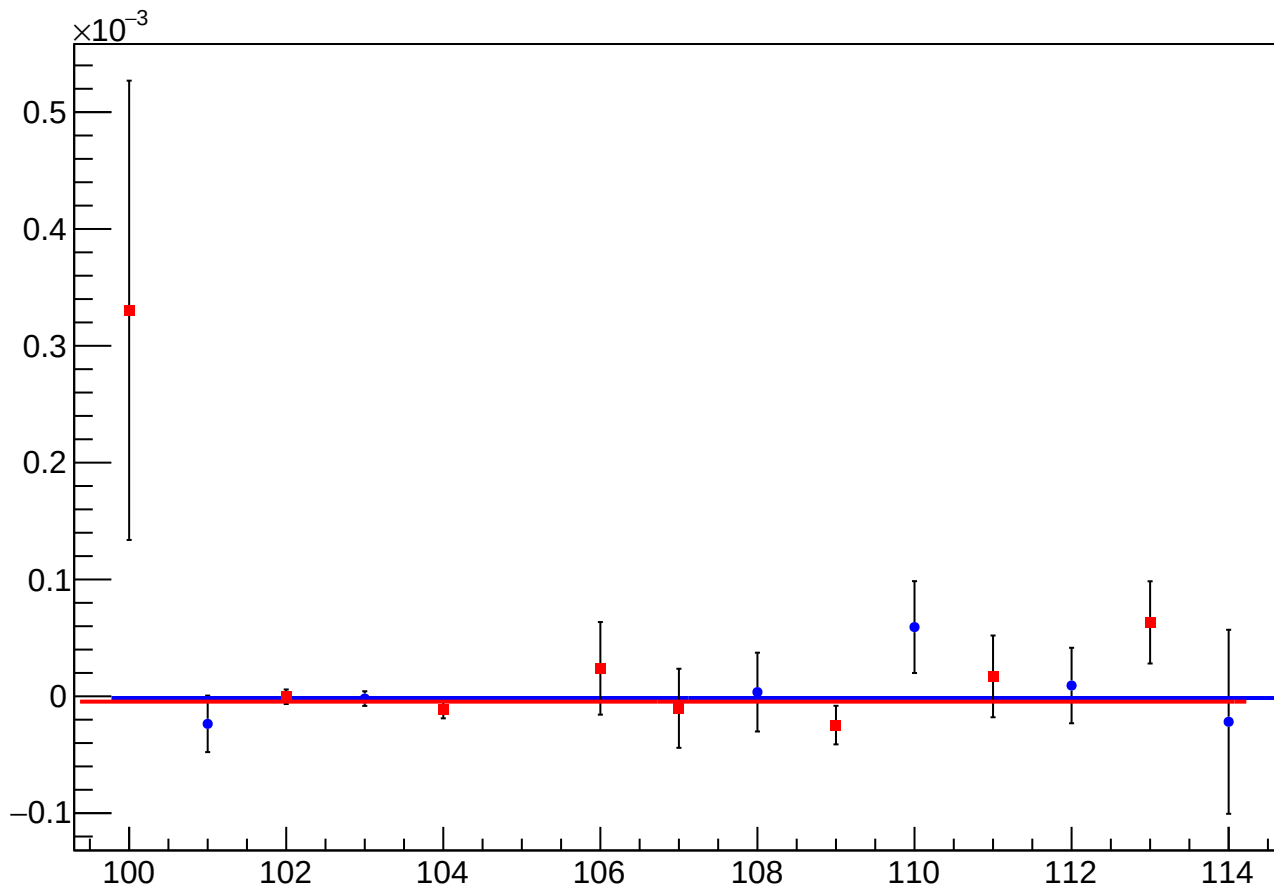
Right: 312.950+/-0.110 χ^2/NDF : 2629498.9/13

In: 347.426+/-0.172 χ^2/NDF : 1008416.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.950+/-0.110 χ^2/NDF : 2629498.9/13

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

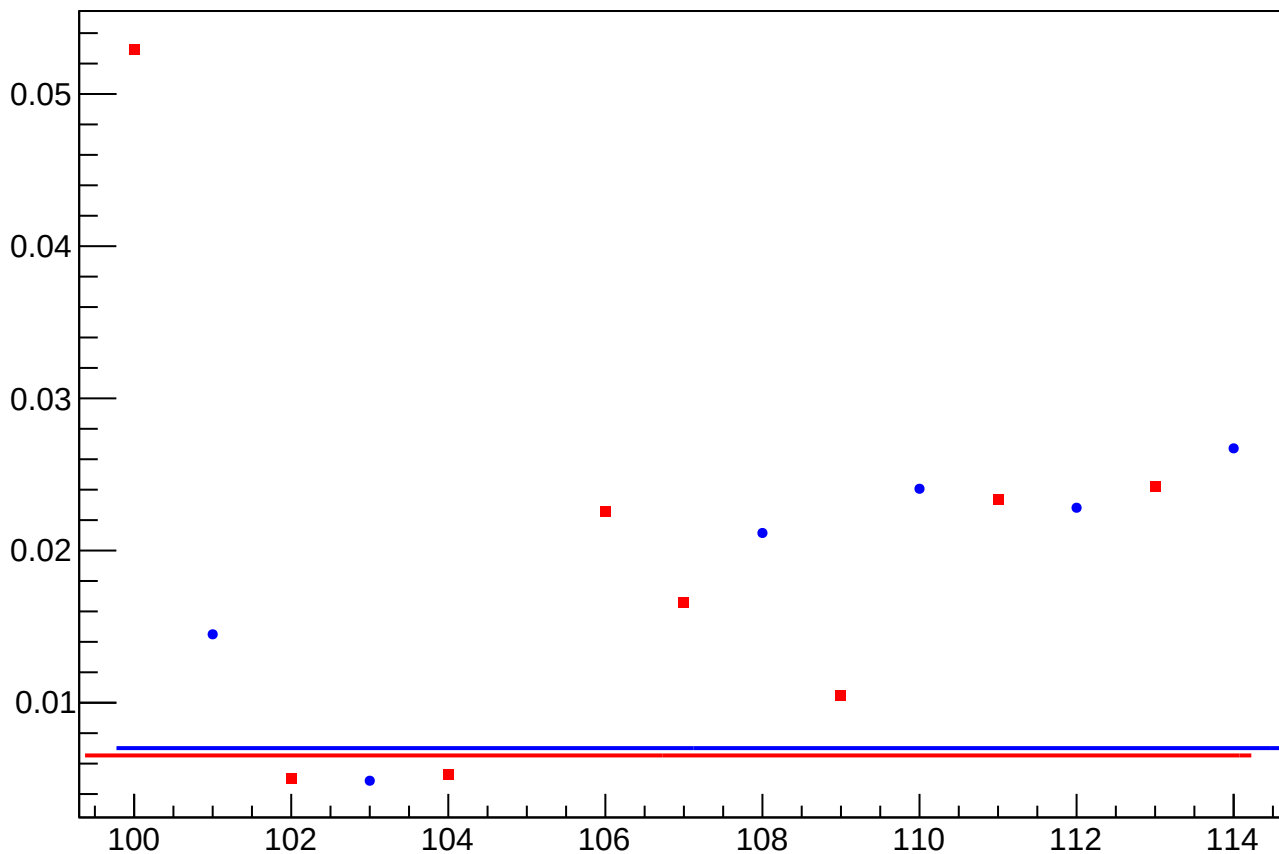
Right: -0.000+/-0.000 χ^2/NDF : 14.0/13

In: -0.000+/-0.000 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.0/13

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

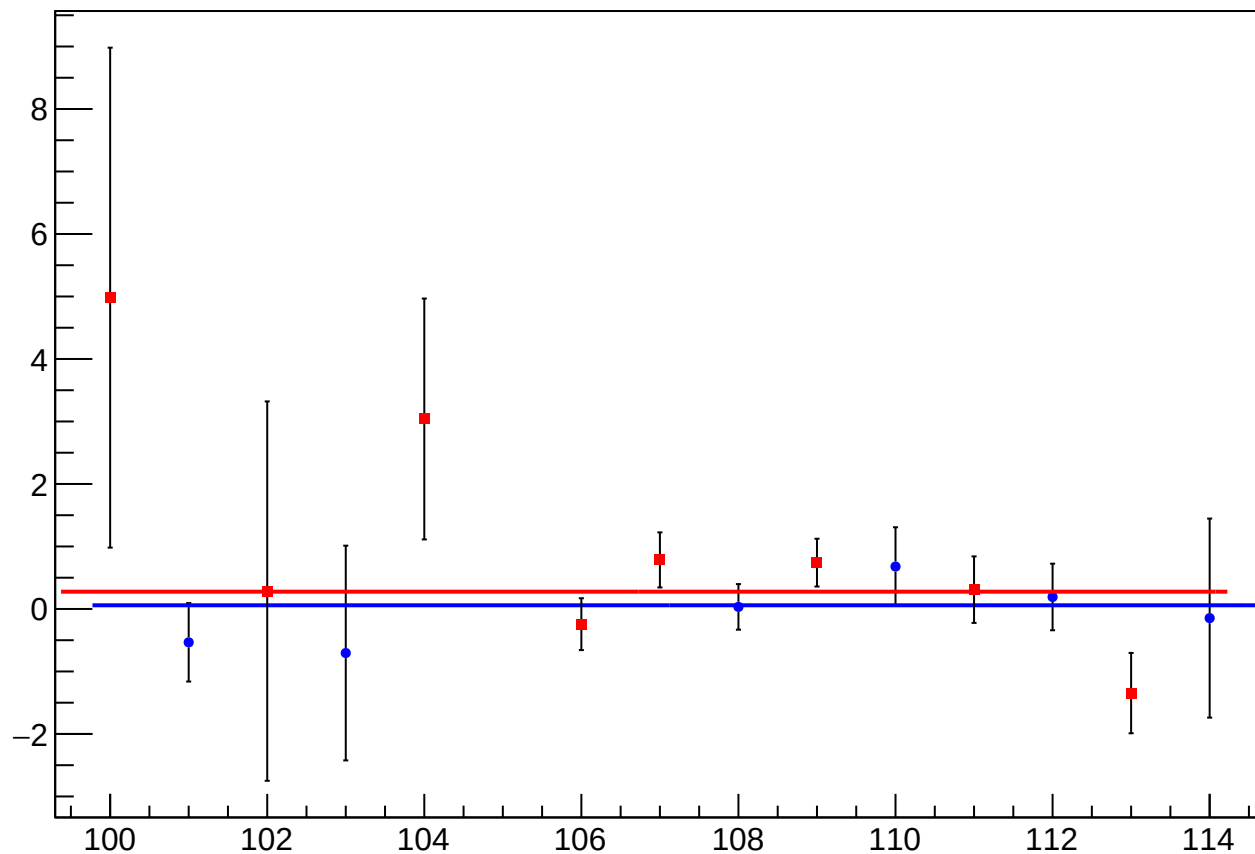
Right: 0.007+/-0.000 χ^2/NDF : 3641657.3/13

In: 0.007+/-0.000 χ^2/NDF :1755704.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3641657.3/13

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

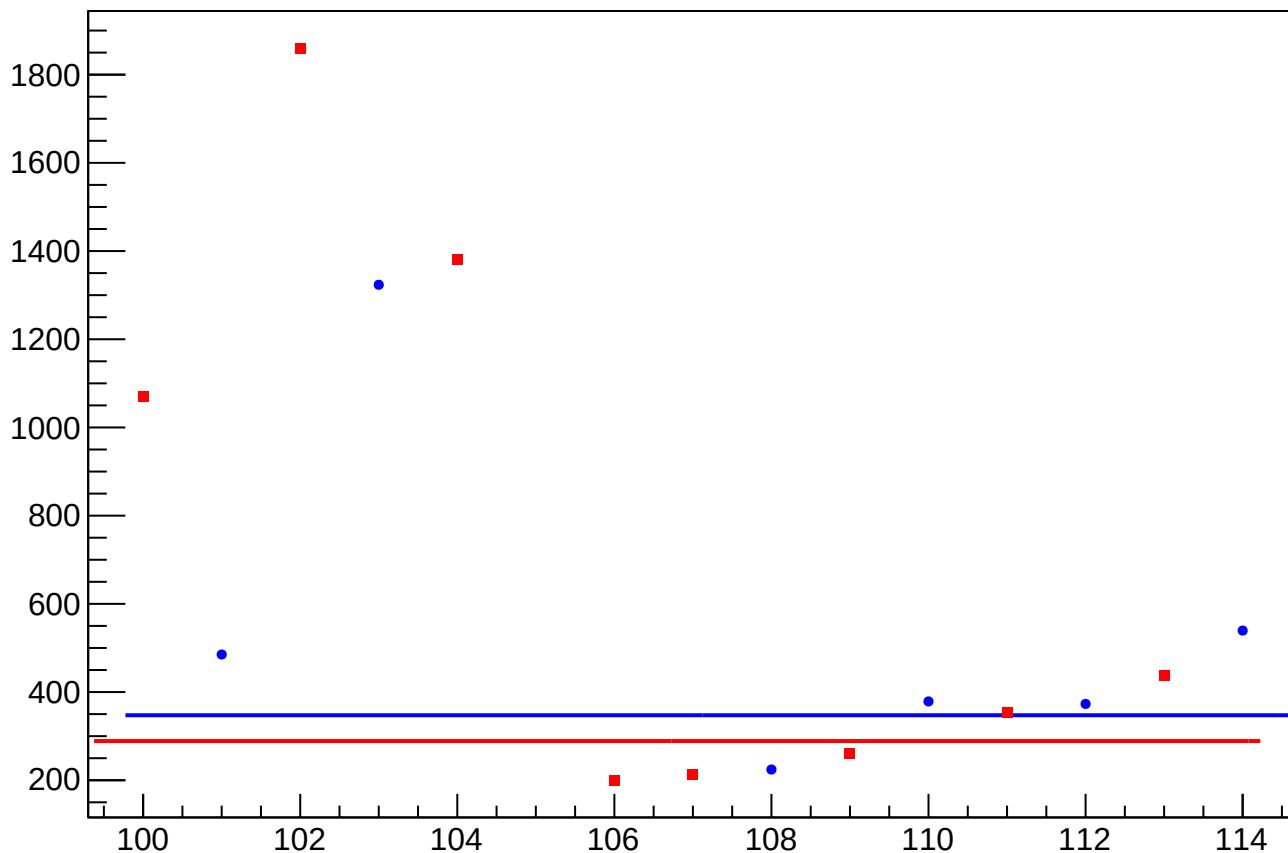
Right: 0.187+/-0.156 χ^2/NDF : 16.8/13

In: 0.059+/-0.244 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.187+/-0.156 χ^2/NDF : 16.8/13

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

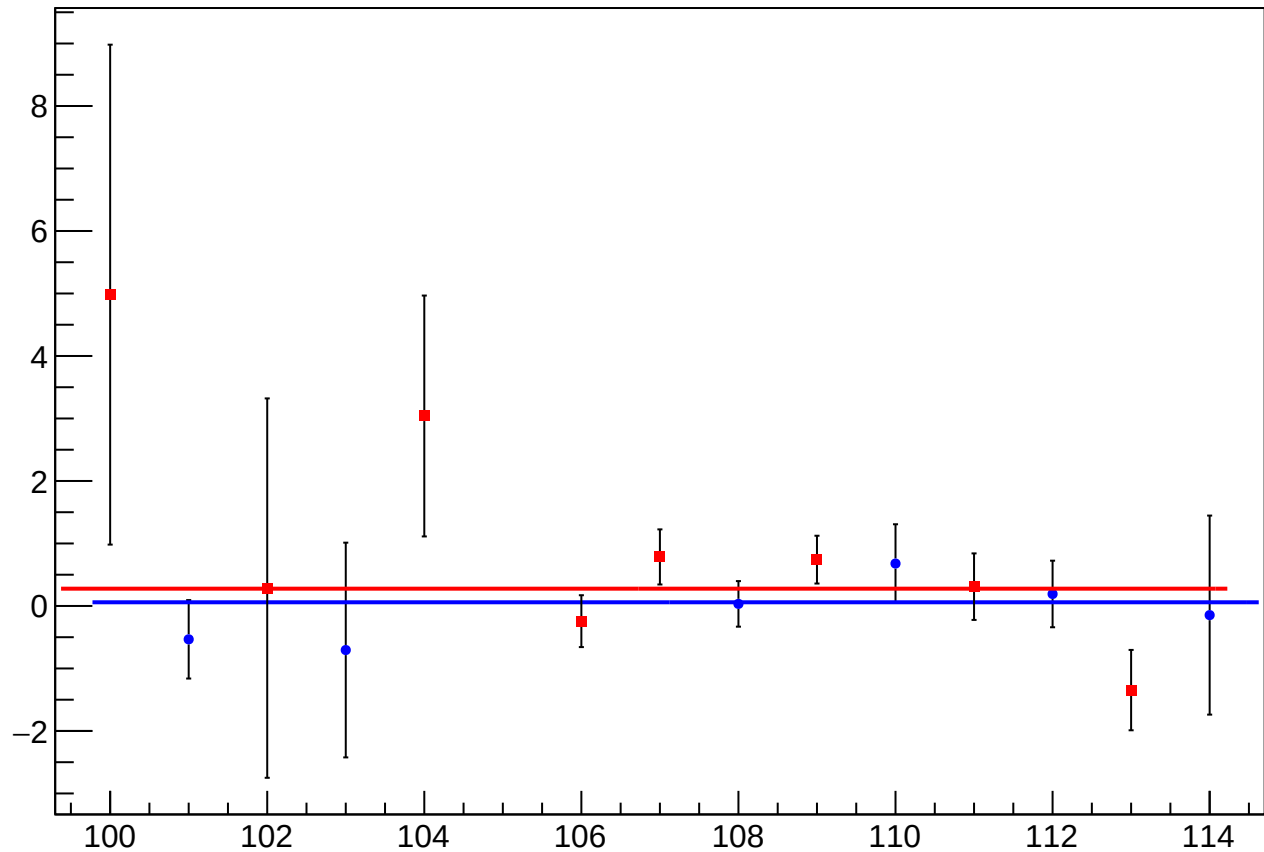
Right: 312.949+/-0.110 χ^2/NDF : 2629517.8/13

In: 347.423+/-0.172 χ^2/NDF : 1008442.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.949+/-0.110 χ^2/NDF : 2629517.8/13

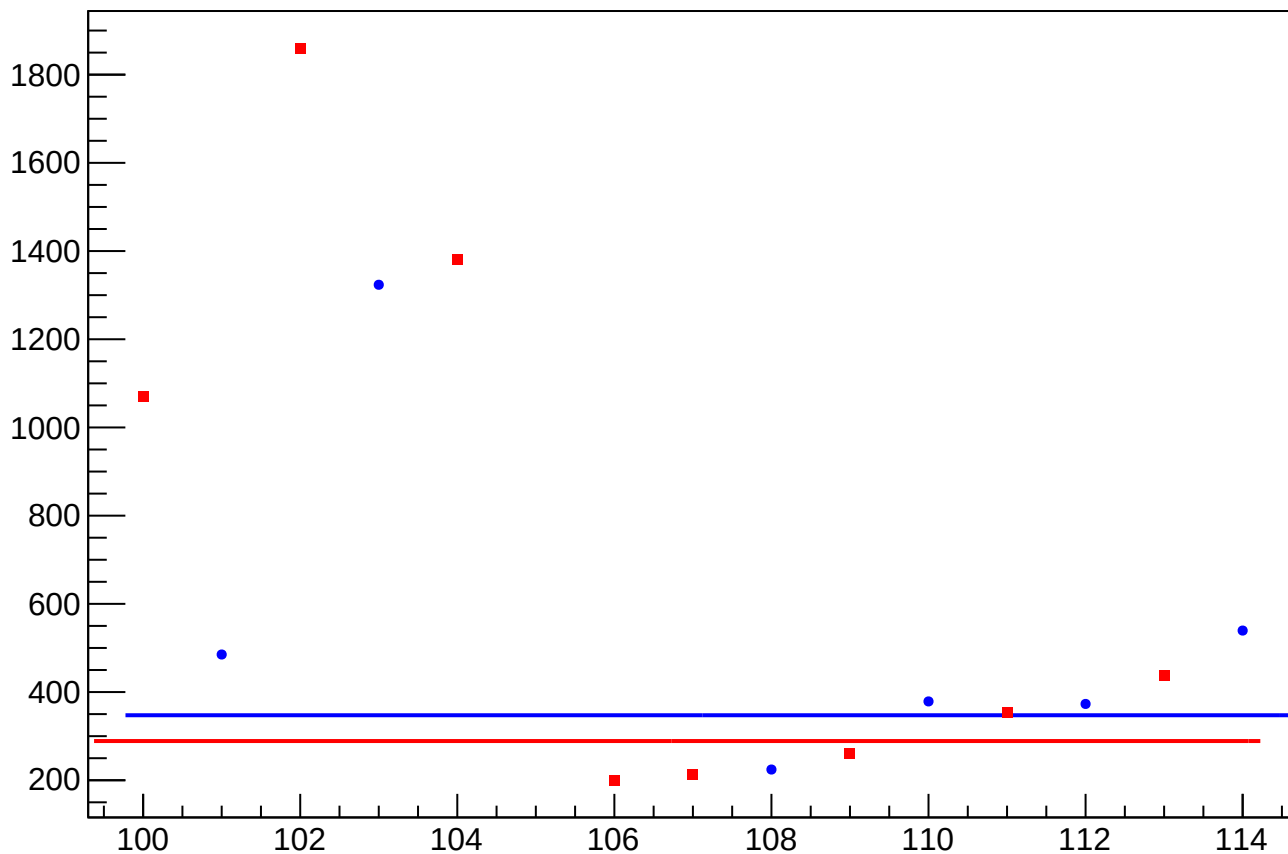
asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.187+/-0.156 χ^2/NDF : 16.8/13
 In: 0.059+/-0.244 χ^2/NDF : 2.1/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.187+/-0.156 χ^2/NDF : 16.8/13

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

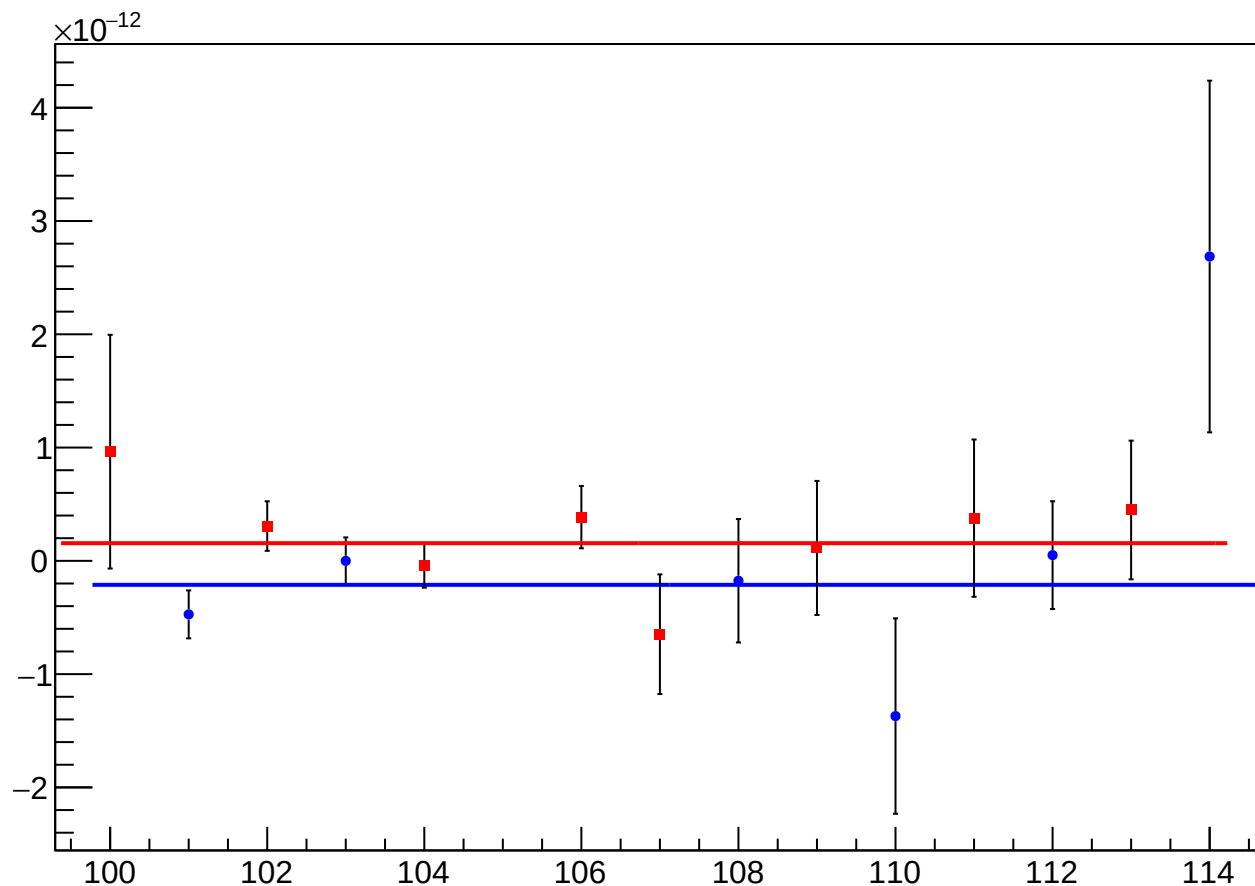
Right: 312.949+/-0.110 χ^2/NDF : 2629517.8/13

In: 347.423+/-0.172 χ^2/NDF : 1008442.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.949+/-0.110 χ^2/NDF : 2629517.8/13

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

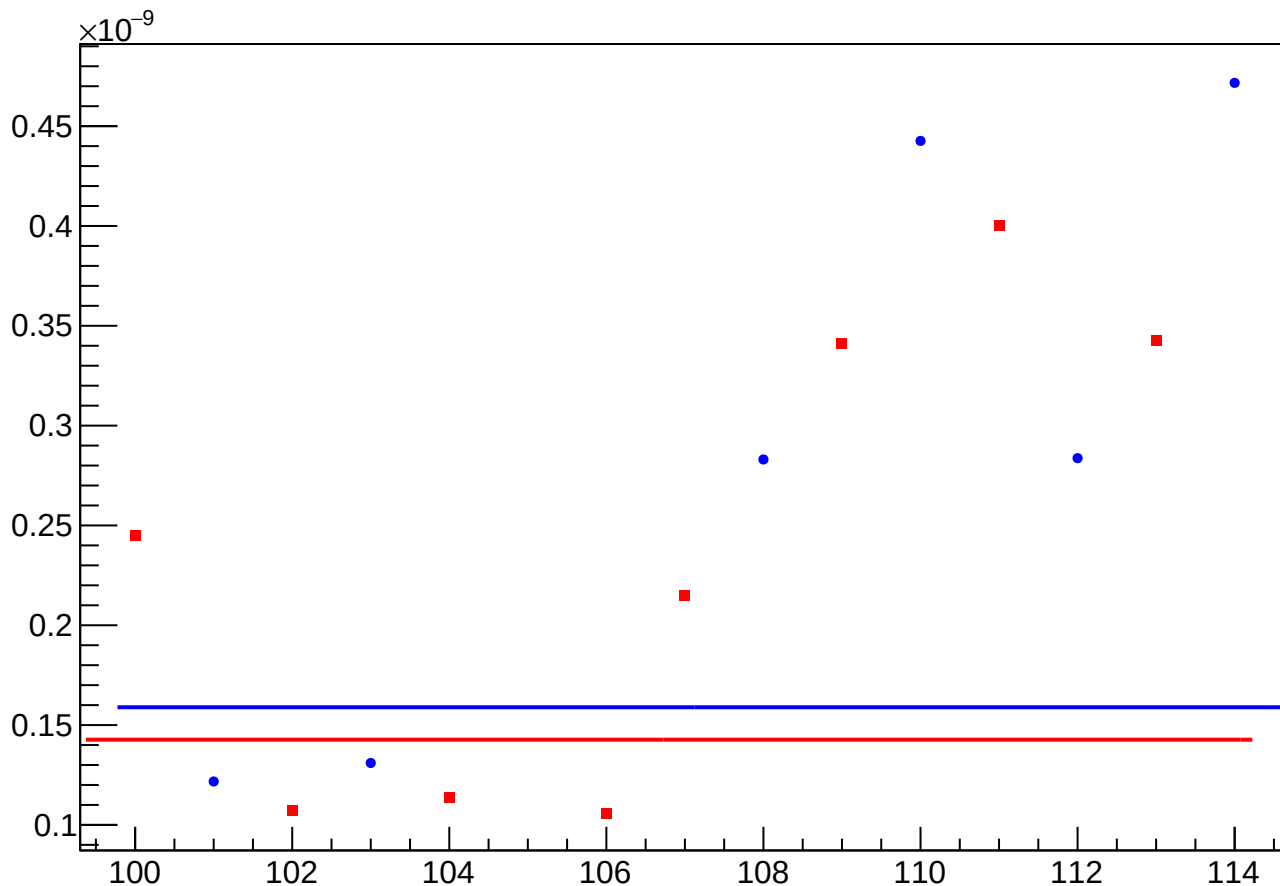
Right: -0.000+/-0.000 χ^2 /NDF: 17.9/13

In: -0.000+/-0.000 χ^2 /NDF:8.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.9/13

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

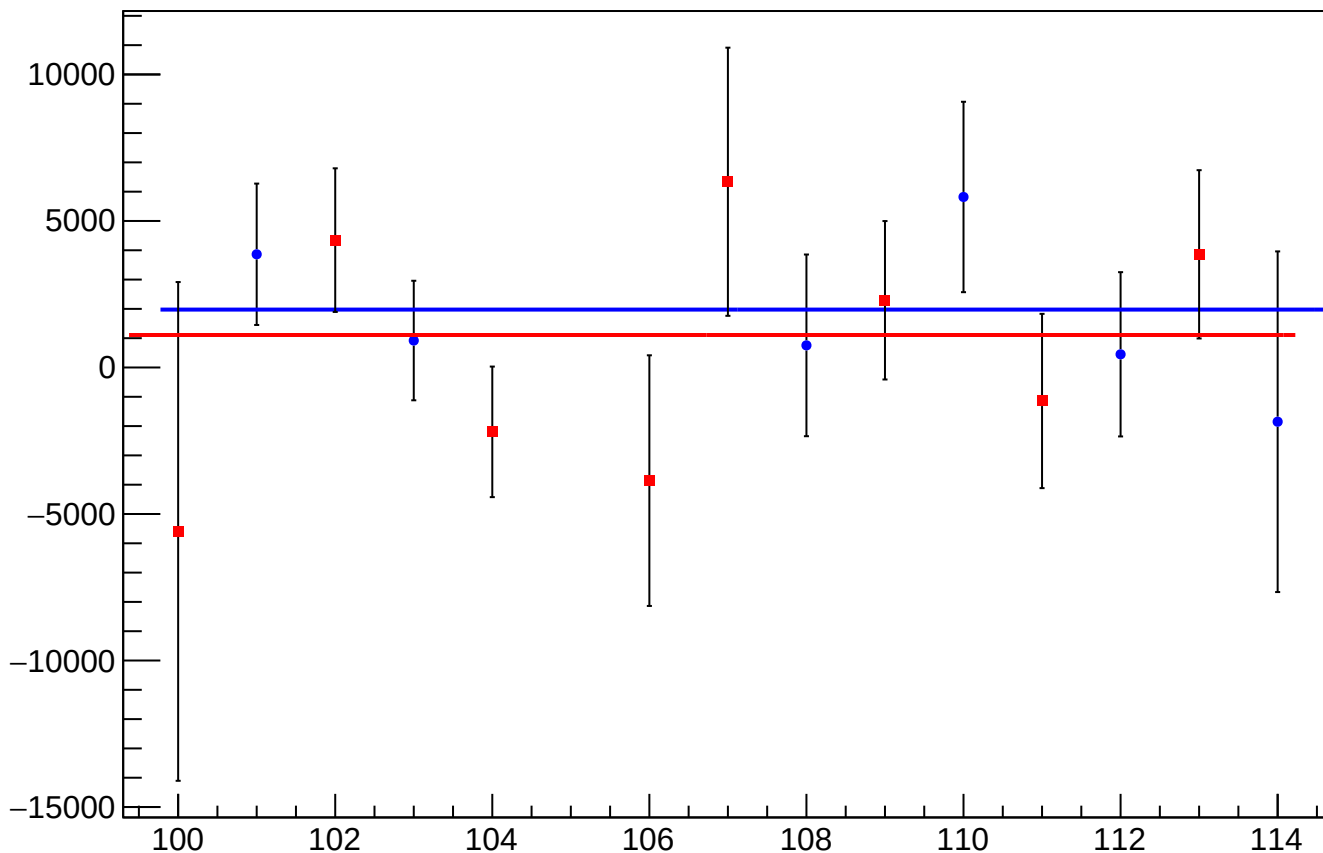
Right: 0.000+/-0.000 χ^2/NDF : 1556625.3/13

In: 0.000+/-0.000 χ^2/NDF : 637003.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1556625.3/13

reg_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

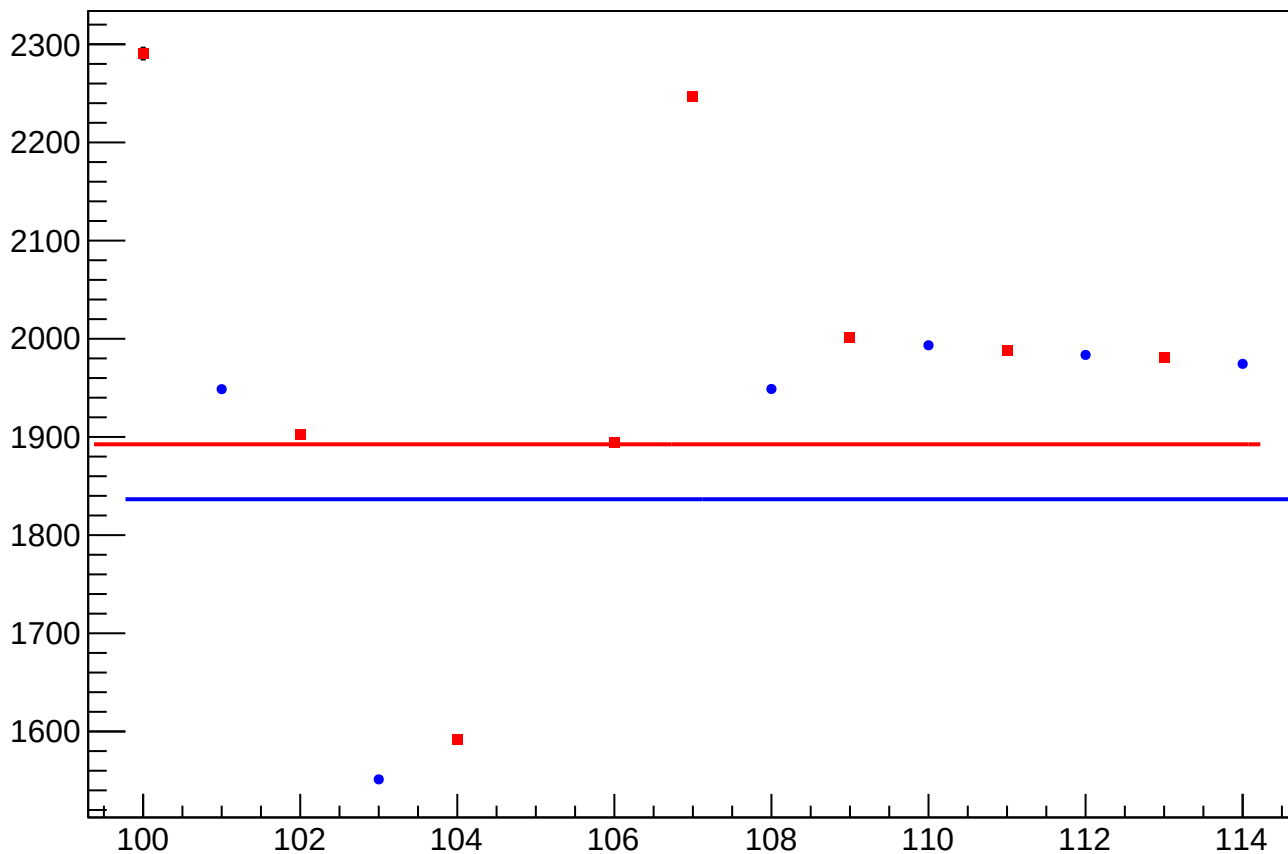
Right: 1518.899+/-784.888 χ^2/NDF : 12.4/13

In: 1975.914+/-1141.180 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.899+/-784.888 χ^2/NDF : 12.4/13

reg_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

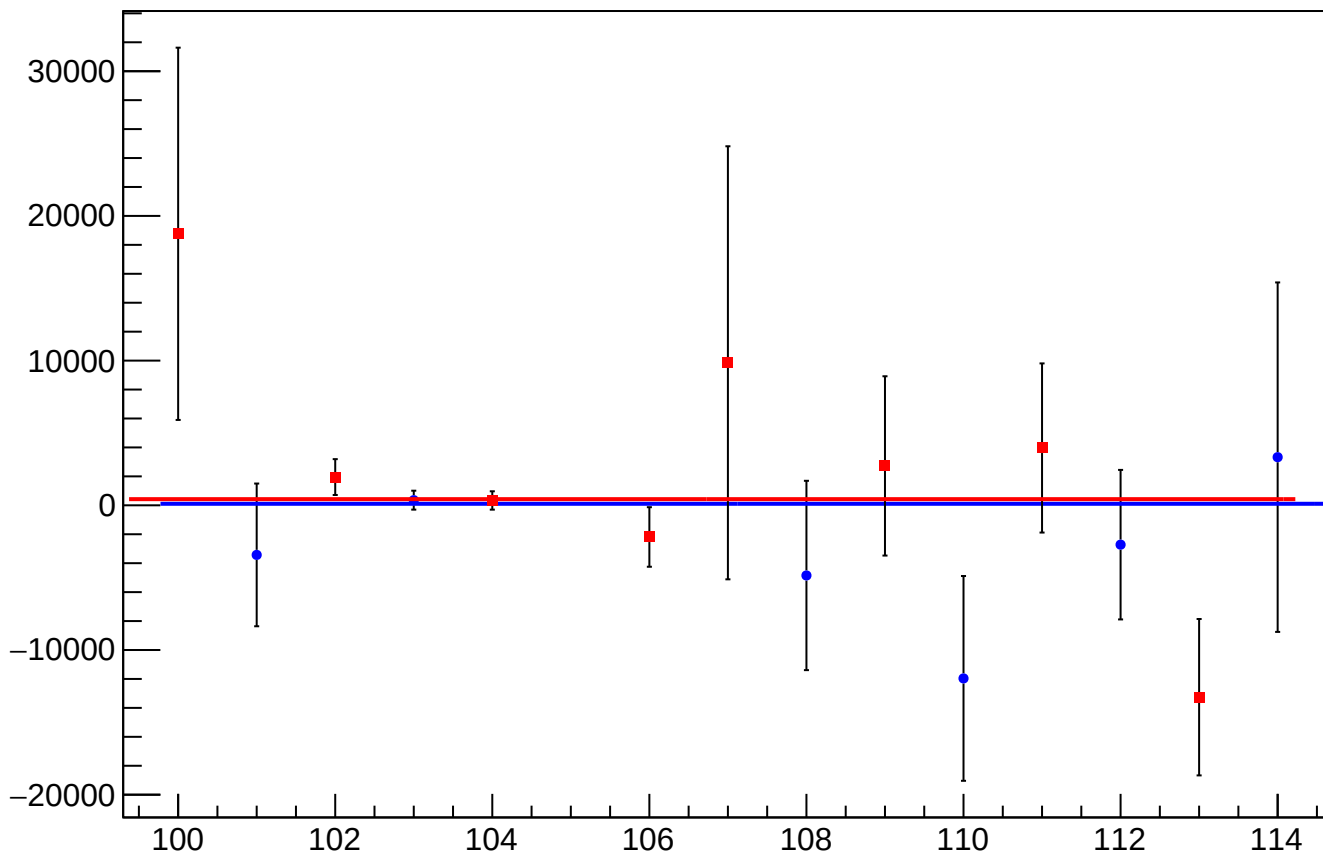
Right: 1866.399 $\pm$ 0.551 χ^2 /NDF: 120050.2/13

In: 1836.547 $\pm$ 0.807 χ^2 /NDF: 57385.7/5

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

All: 1866.399 $\pm$ 0.551 χ^2 /NDF: 120050.2/13

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

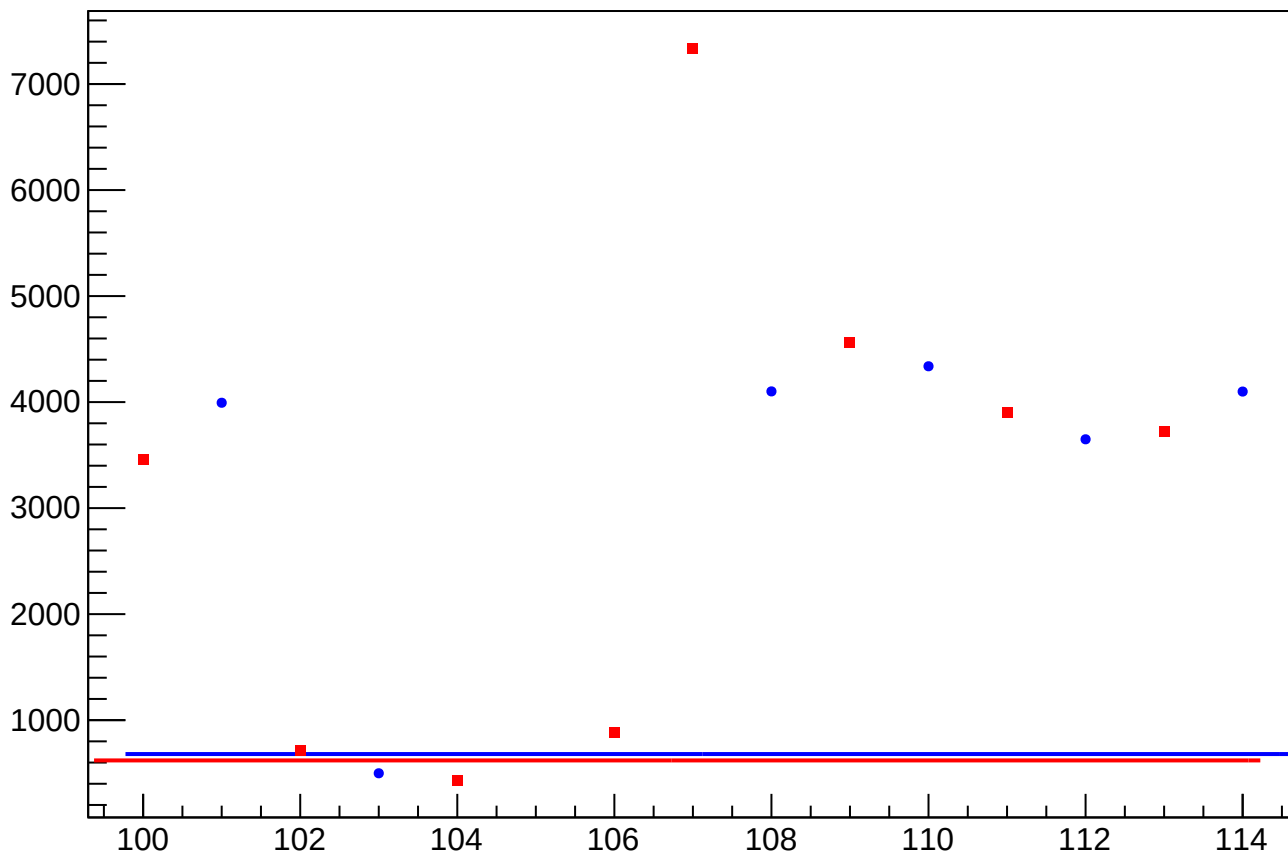
Right: 292.645+/-410.257 χ^2/NDF : 17.2/13

In: 105.465+/-636.689 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.645+/-410.257 χ^2/NDF : 17.2/13

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

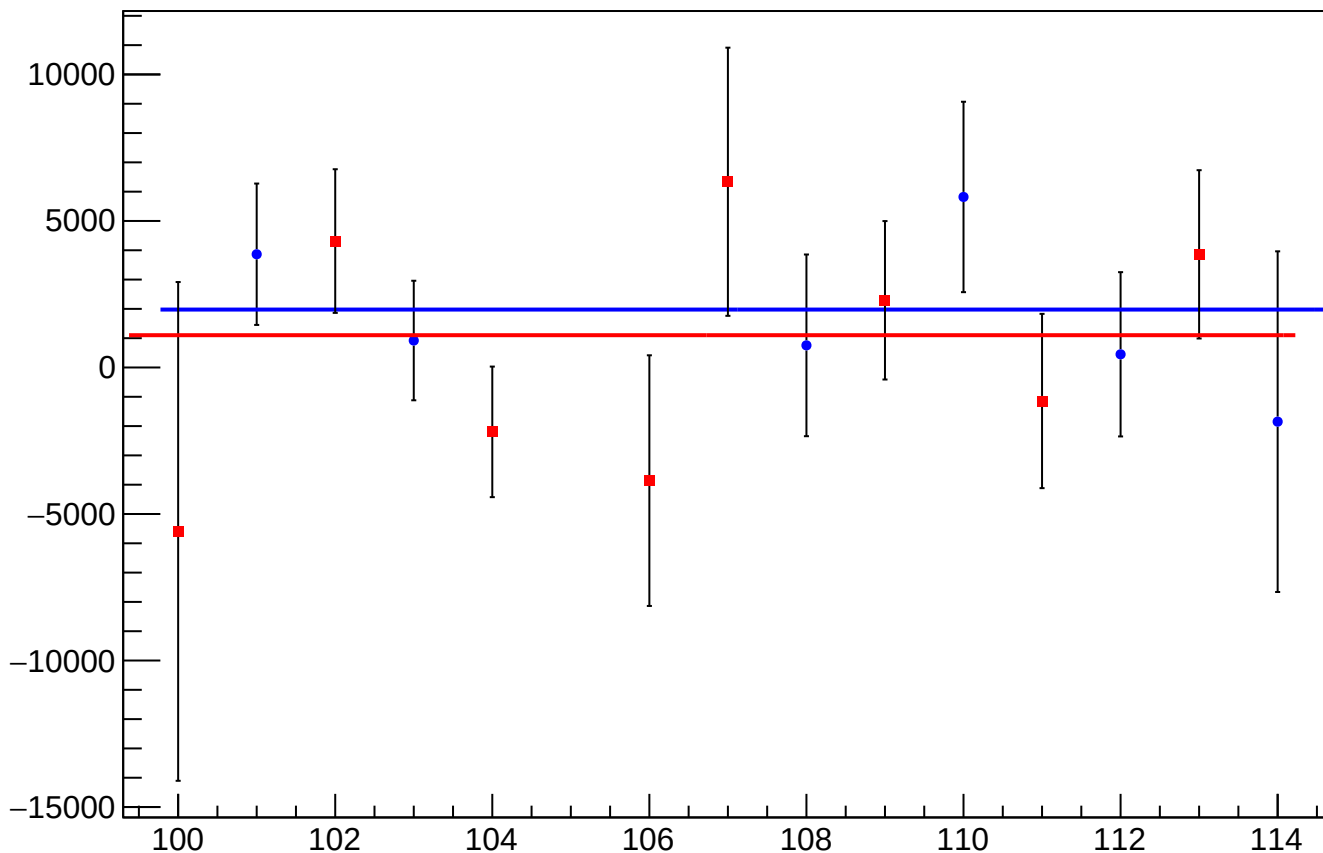
Right: 645.074+/-0.290 χ^2/NDF : 5798793.6/13

In: 680.212+/-0.450 χ^2/NDF : 2958493.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.074+/-0.290 χ^2/NDF : 5798793.6/13

cor_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

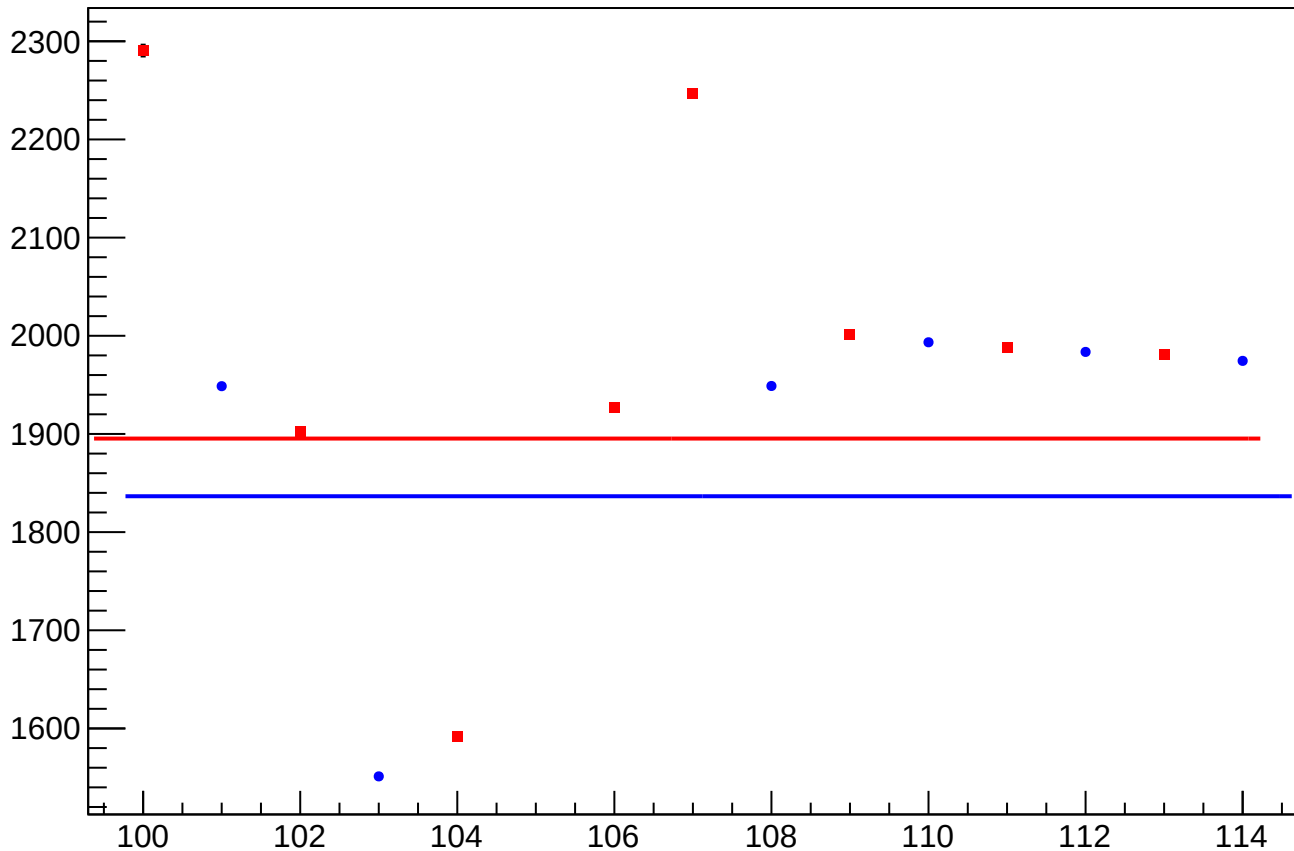
Right: 1515.582+/-784.898 χ^2/NDF : 12.3/13

In: 1976.438+/-1141.180 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.582+/-784.898 χ^2/NDF : 12.3/13

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1836.546+/-0.807 χ^2/NDF : 57386.0/5

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

Right Out: 1895.302+/-0.755 χ^2/NDF : 60264.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

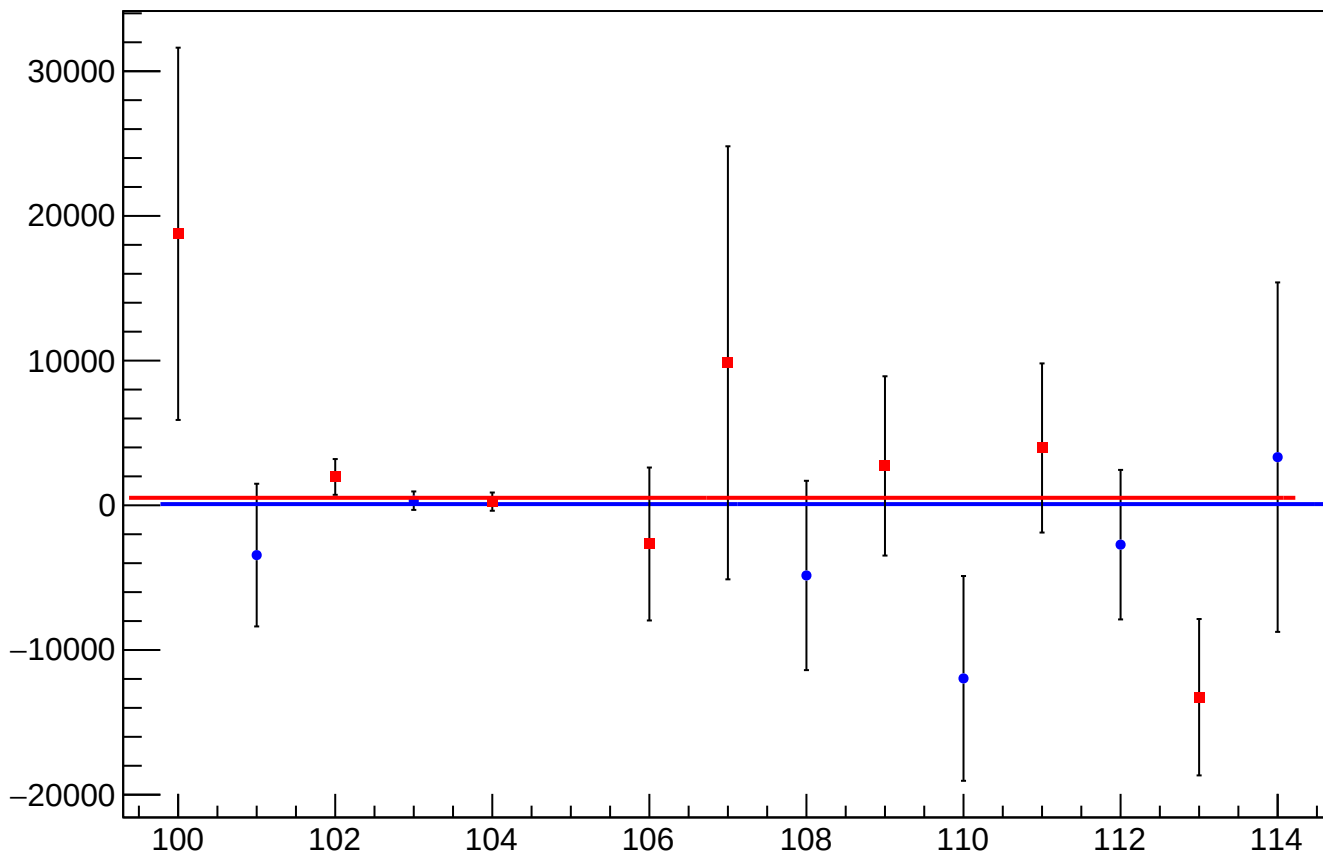
Right: 1867.857+/-0.552 χ^2/NDF : 120475.7/13

In: 1836.546+/-0.807 χ^2/NDF : 57386.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.857+/-0.552 χ^2/NDF : 120475.7/13

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

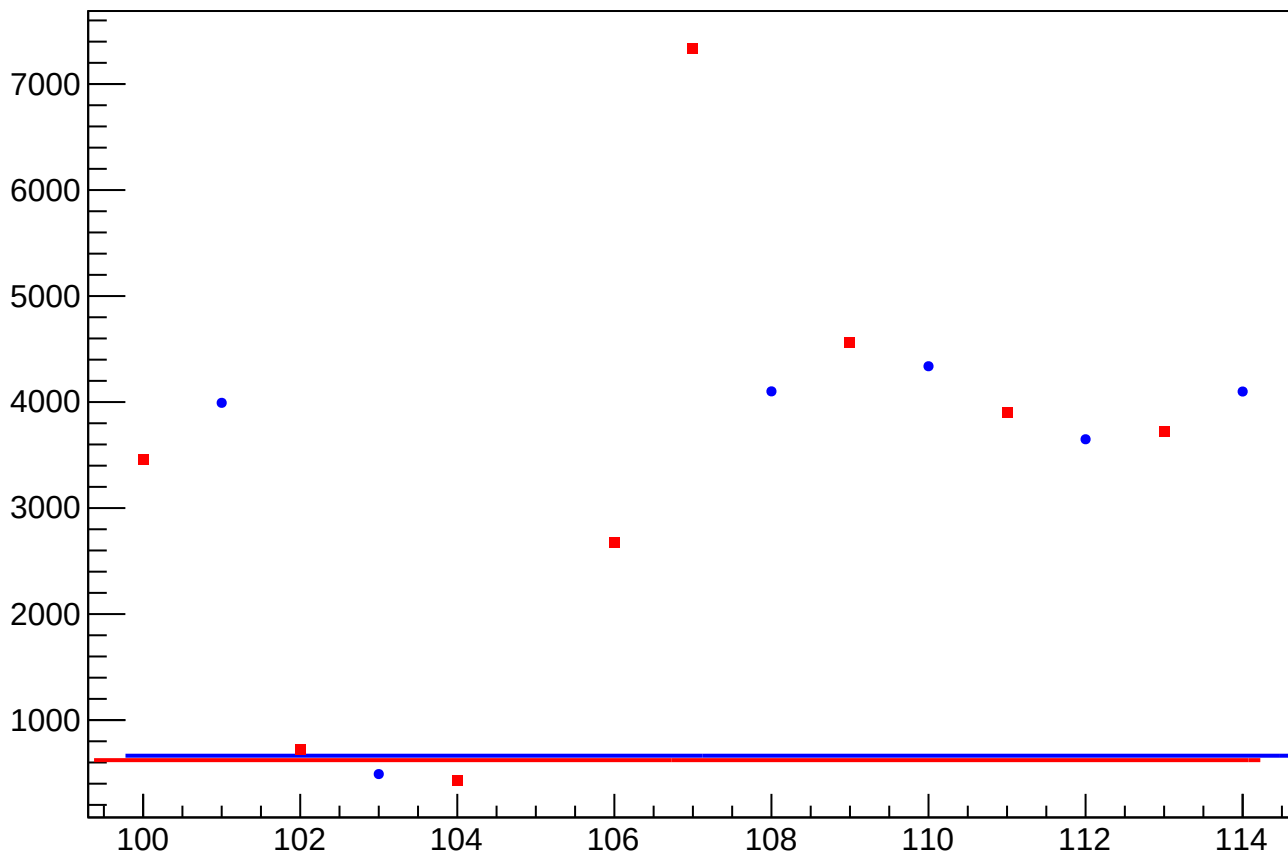
Right: 327.652+/-411.743 χ^2/NDF : 16.0/13

In: 83.398+/-621.493 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.652+/-411.743 χ^2/NDF : 16.0/13

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

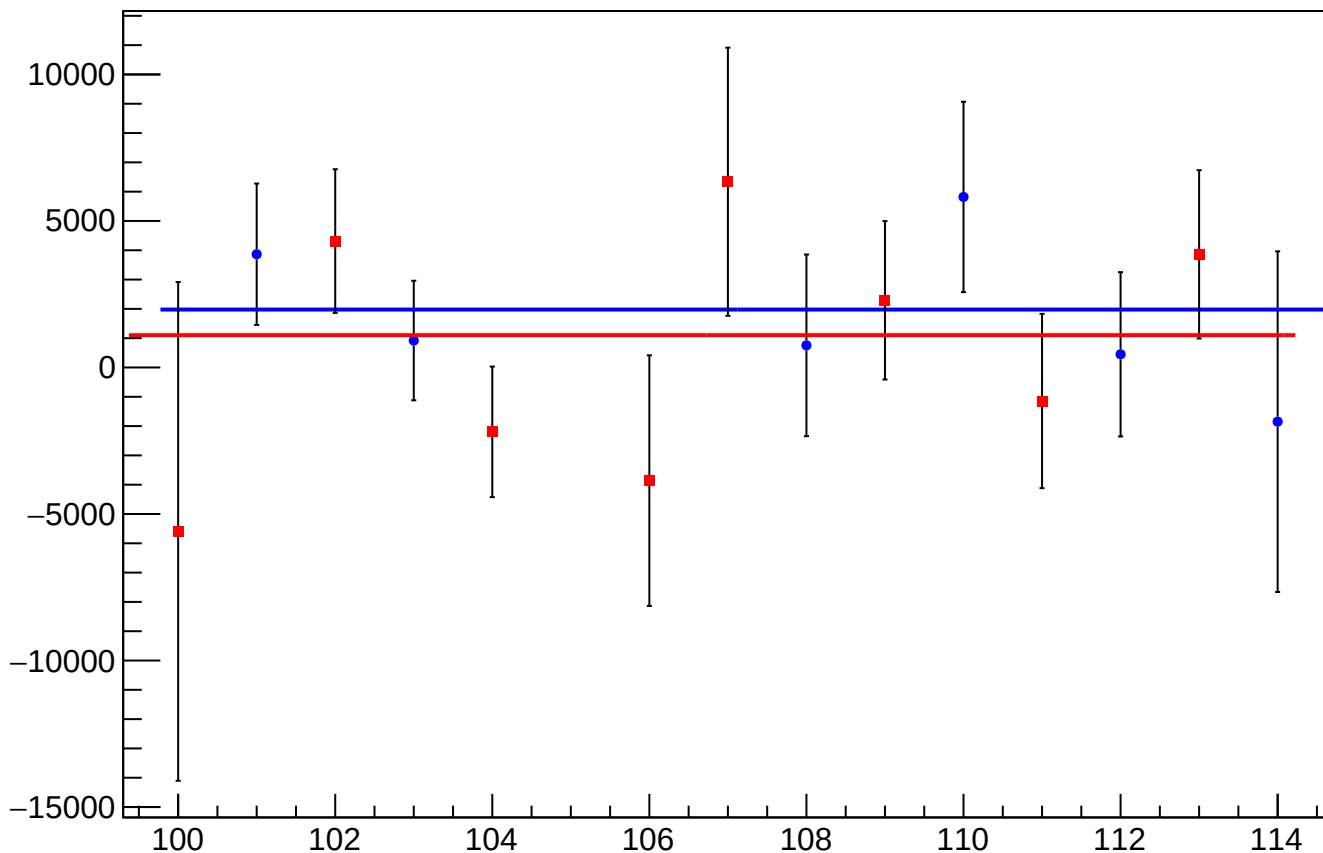
Right: 640.429+/-0.291 χ^2/NDF : 6088875.9/13

In: 663.931+/-0.439 χ^2/NDF : 2979906.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.429+/-0.291 χ^2/NDF : 6088875.9/13

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

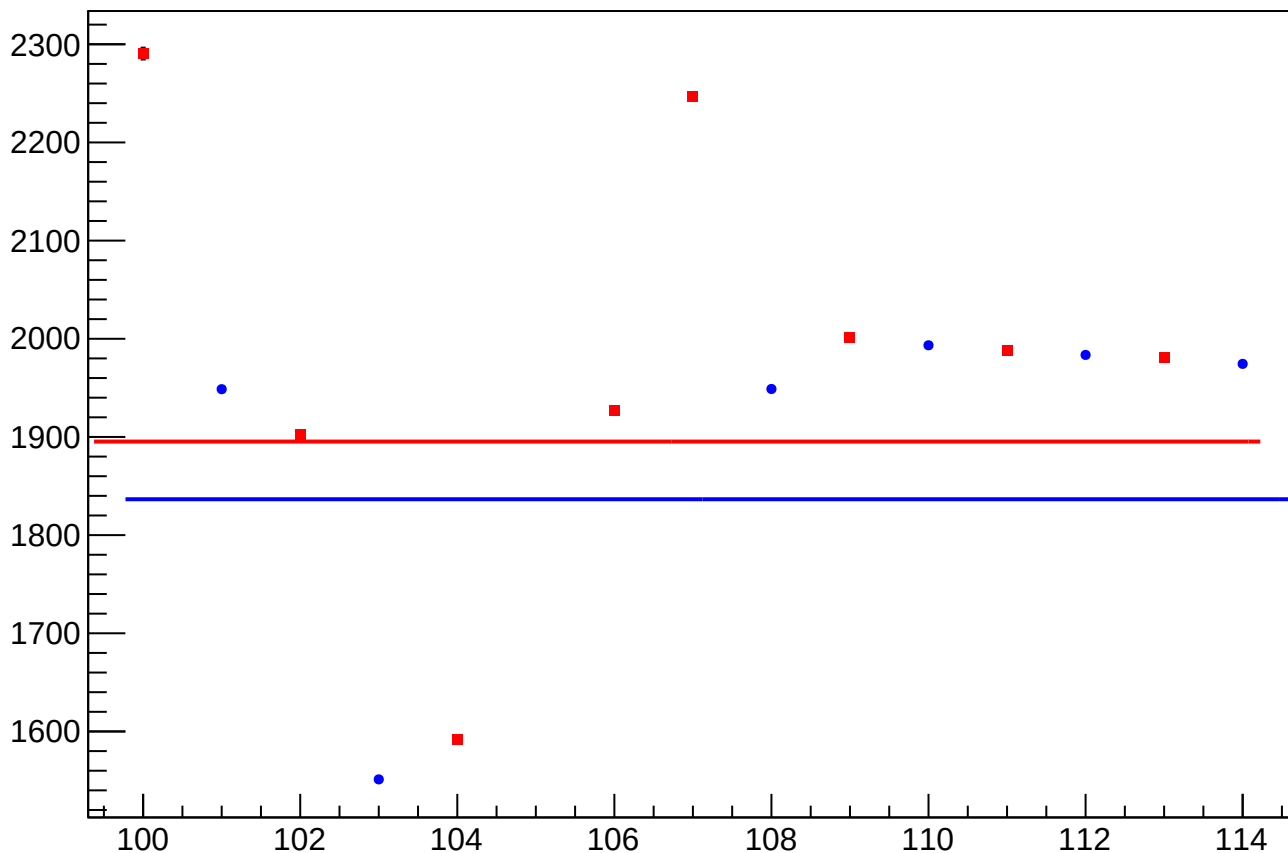
Right: 1515.582+/-784.898 χ^2/NDF : 12.3/13

In: 1976.438+/-1141.180 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.582+/-784.898 χ^2/NDF : 12.3/13

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1836.546+/-0.807 χ^2/NDF : 57386.0/5

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

Right Out: 1895.302+/-0.755 χ^2/NDF : 60264.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

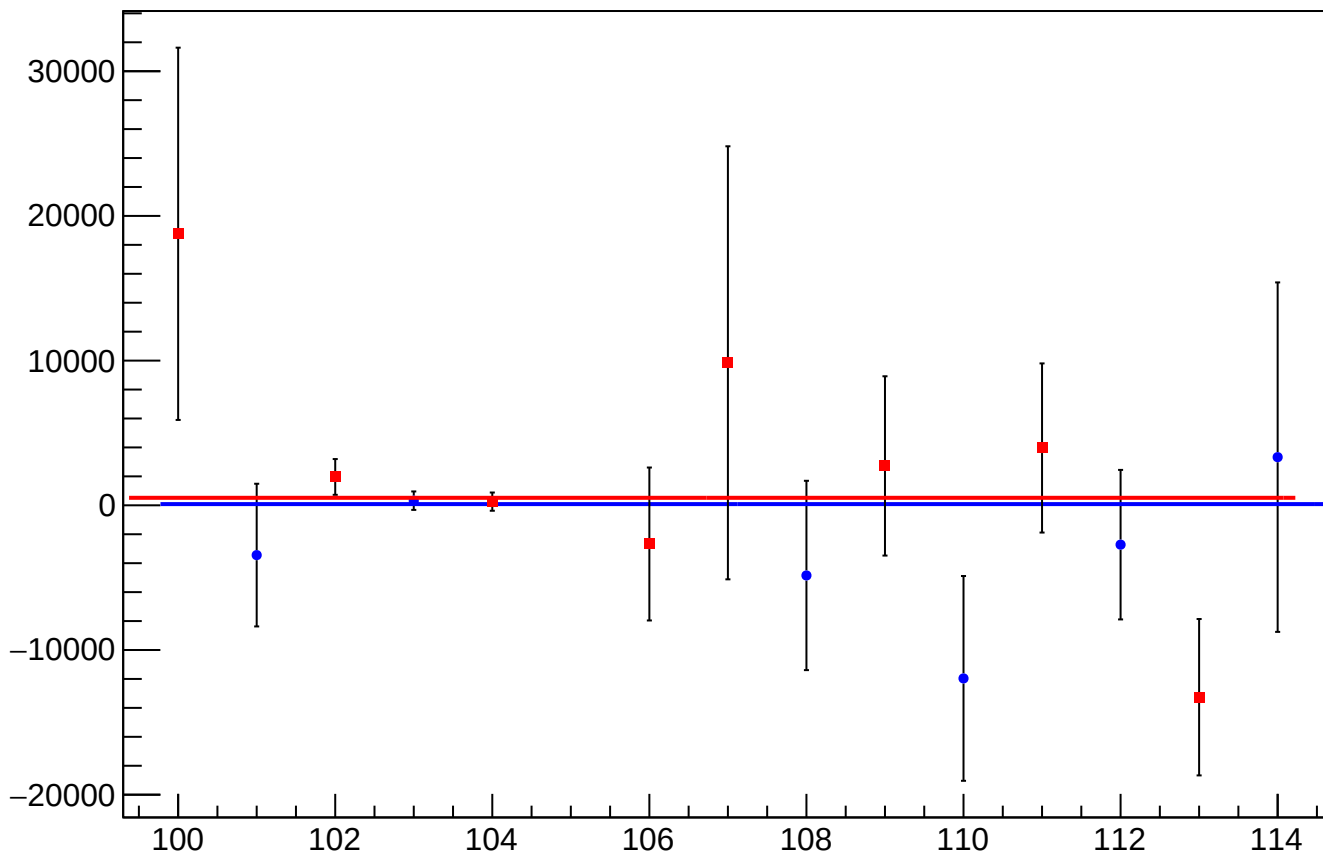
Right: 1867.857+/-0.552 χ^2/NDF : 120475.7/13

In: 1836.546+/-0.807 χ^2/NDF : 57386.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.857+/-0.552 χ^2/NDF : 120475.7/13

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

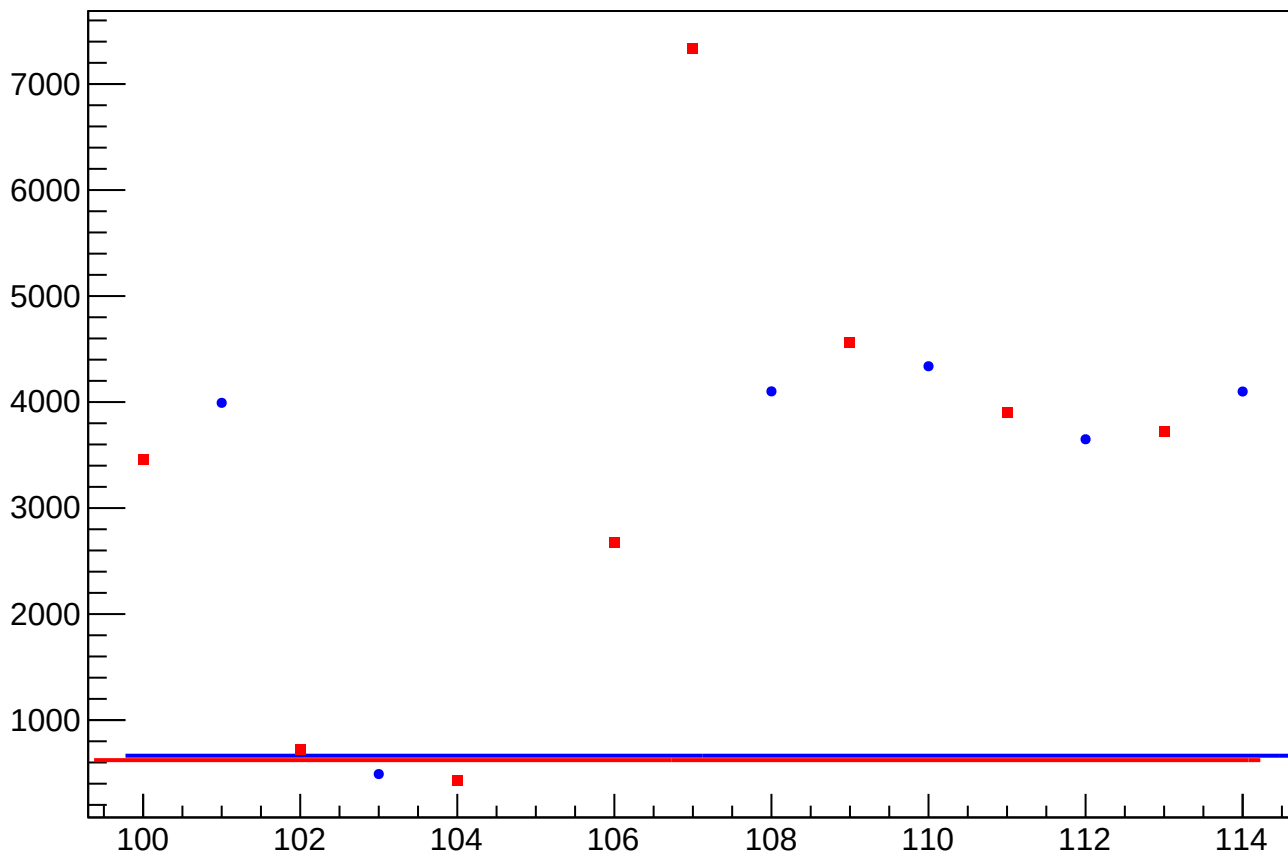
Right: 327.652+/-411.743 χ^2/NDF : 16.0/13

In: 83.398+/-621.493 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.652+/-411.743 χ^2/NDF : 16.0/13

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

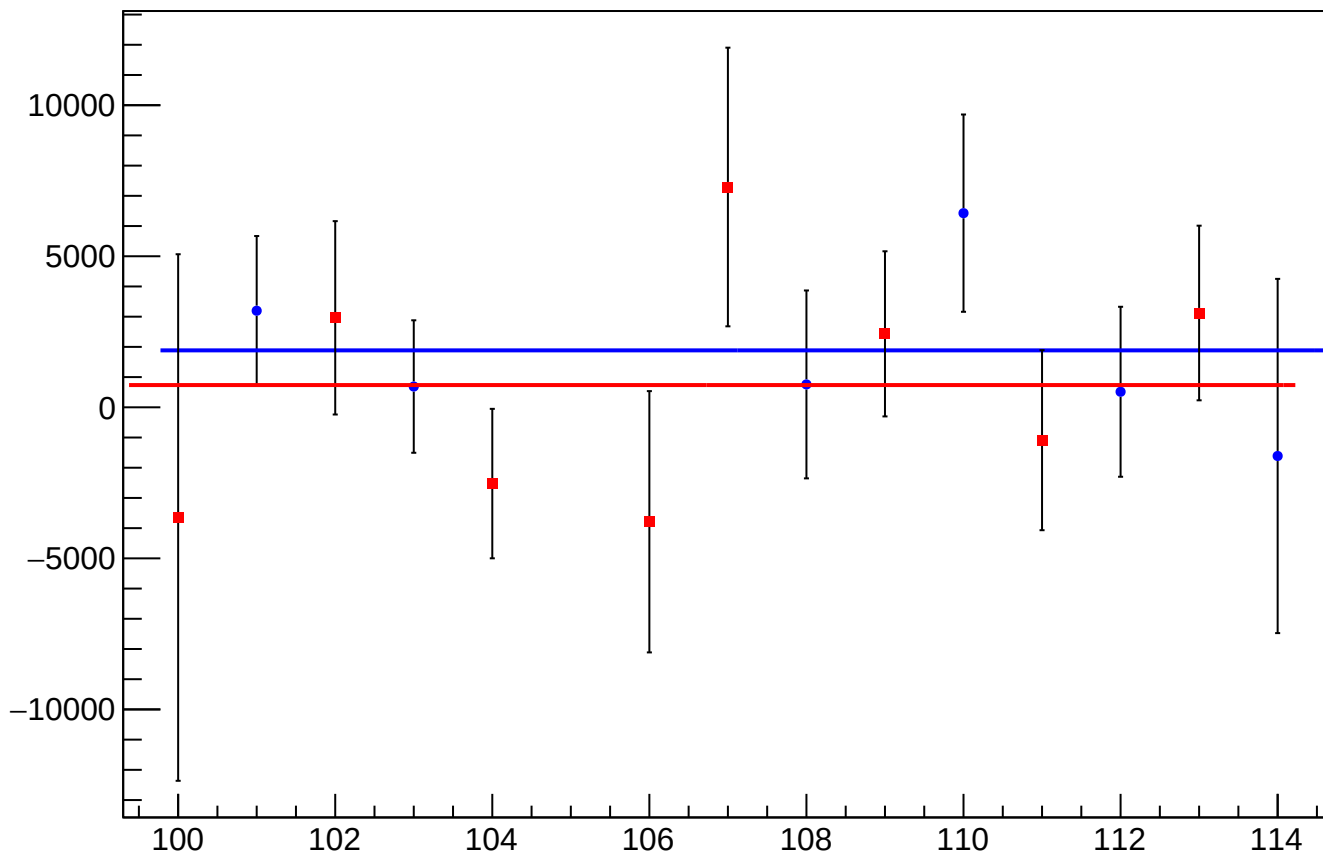
Right: 640.429+/-0.291 χ^2/NDF : 6088875.9/13

In: 663.931+/-0.439 χ^2/NDF : 2979906.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.429+/-0.291 χ^2/NDF : 6088875.9/13

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

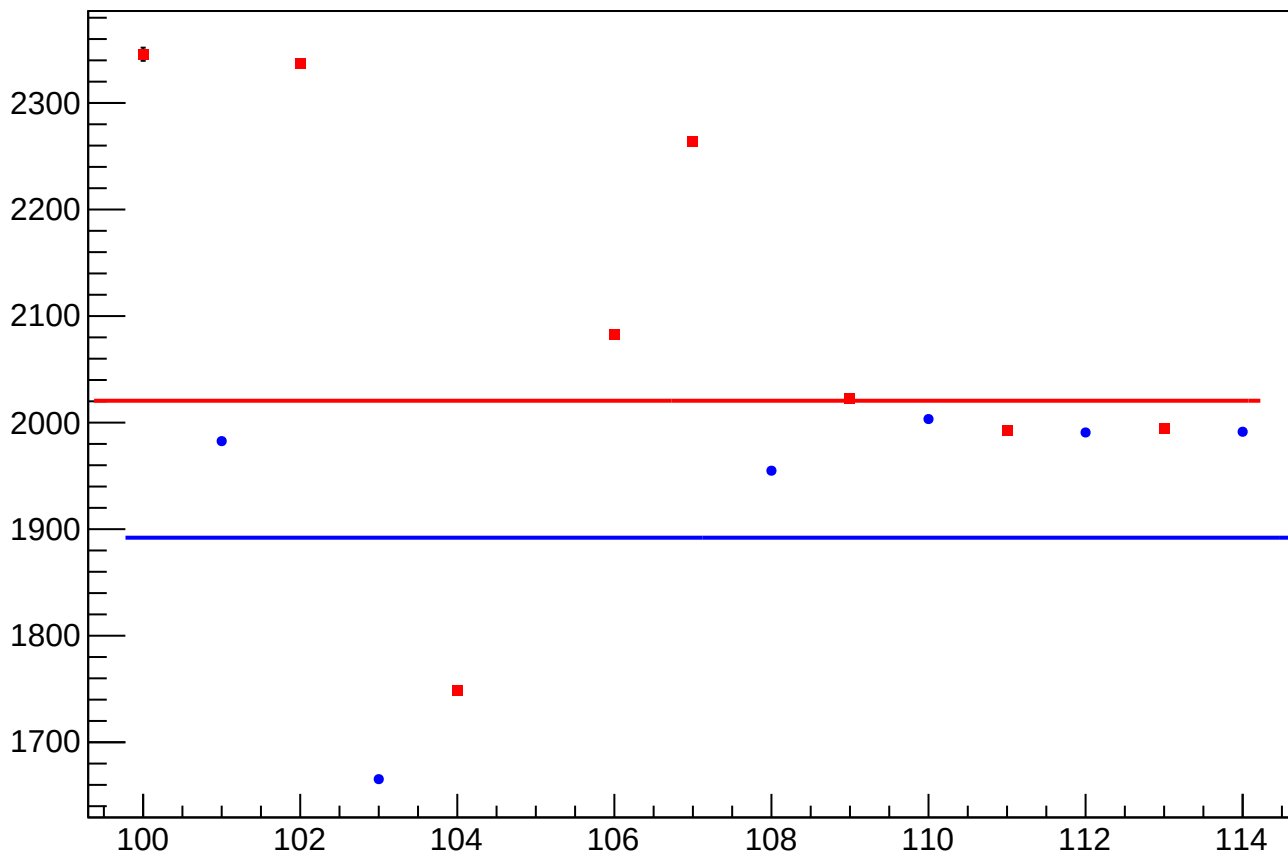
Right: 1303.975+/-826.195 χ^2/NDF : 10.8/13

In: 1884.781+/-1175.183 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.975+/-826.195 χ^2/NDF : 10.8/13

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

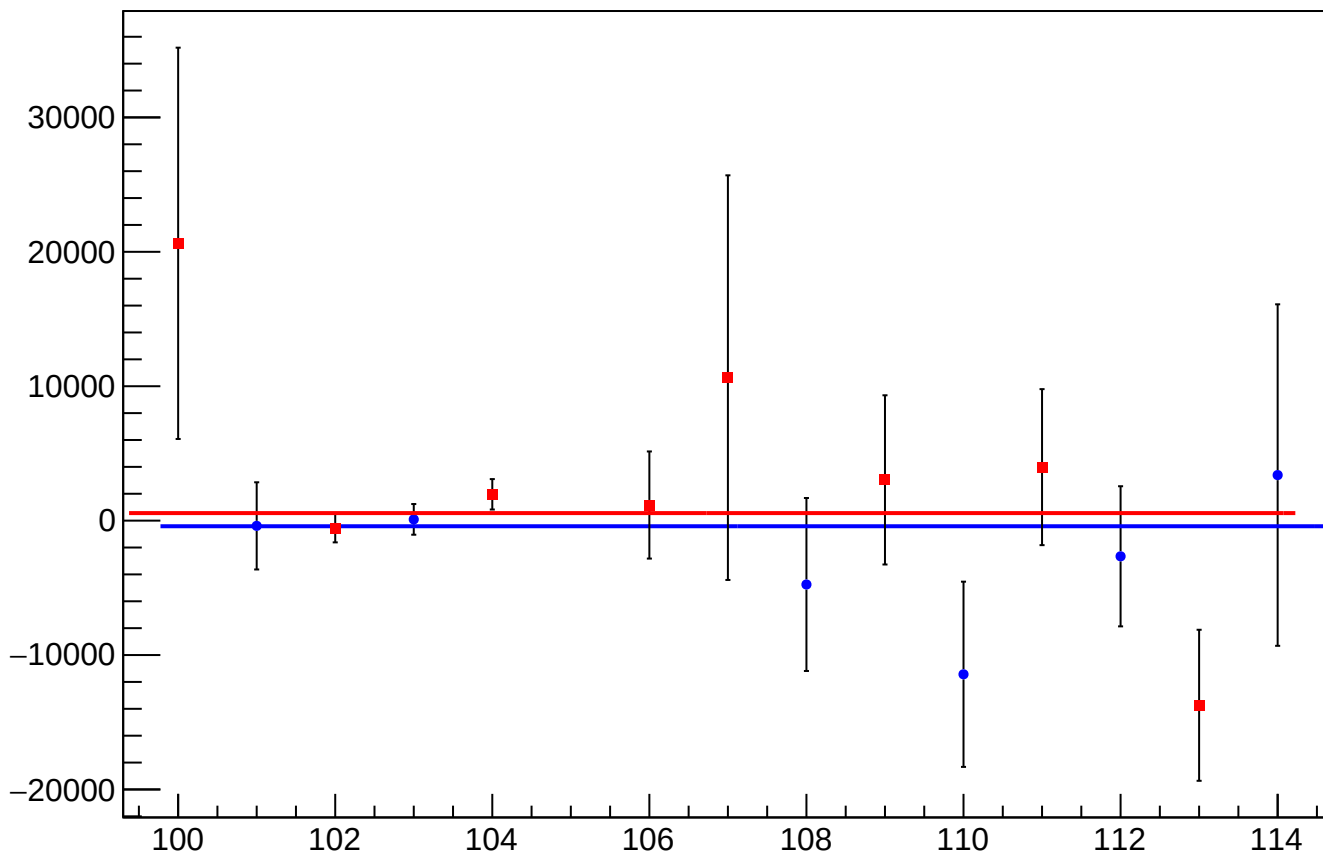
Right: 1957.458 $\pm$ 0.582 χ^2 /NDF: 95329.5/13

In: 1891.997 $\pm$ 0.831 χ^2 /NDF:30229.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1957.458 $\pm$ 0.582 χ^2 /NDF: 95329.5/13

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -417.455 $\pm$ 1025.419 χ^2/NDF : 3.5/5

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

Right Out: 561.497 $\pm$ 741.040 χ^2/NDF : 12.0/7

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

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

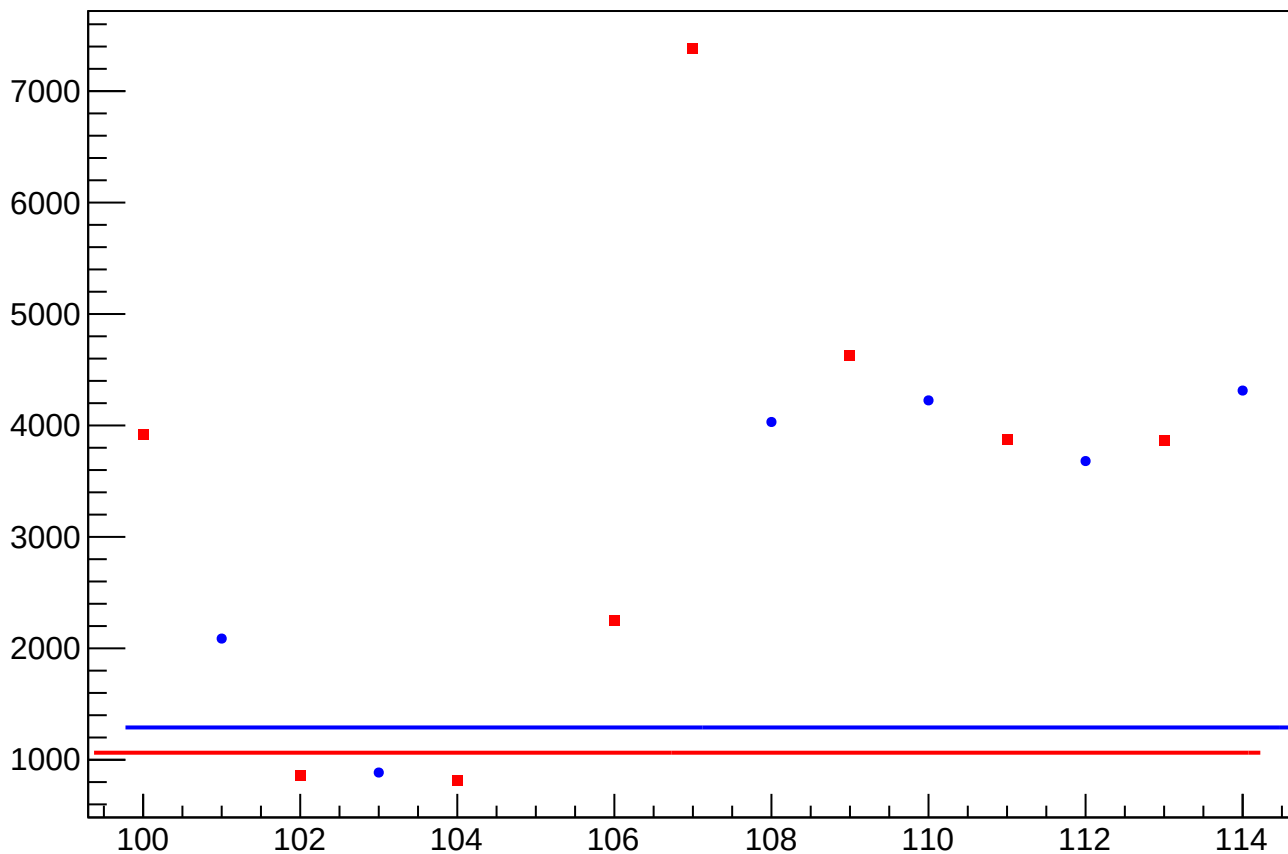
Right: 225.639 $\pm$ 600.618 χ^2/NDF : 16.1/13

In: -417.455 $\pm$ 1025.419 χ^2/NDF :3.5/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 225.639 $\pm$ 600.618 χ^2/NDF : 16.1/13

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1290.149+/-0.725 χ^2/NDF : 1631763.6/5

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

Right Out: 1063.643+/-0.524 χ^2/NDF : 2390653.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

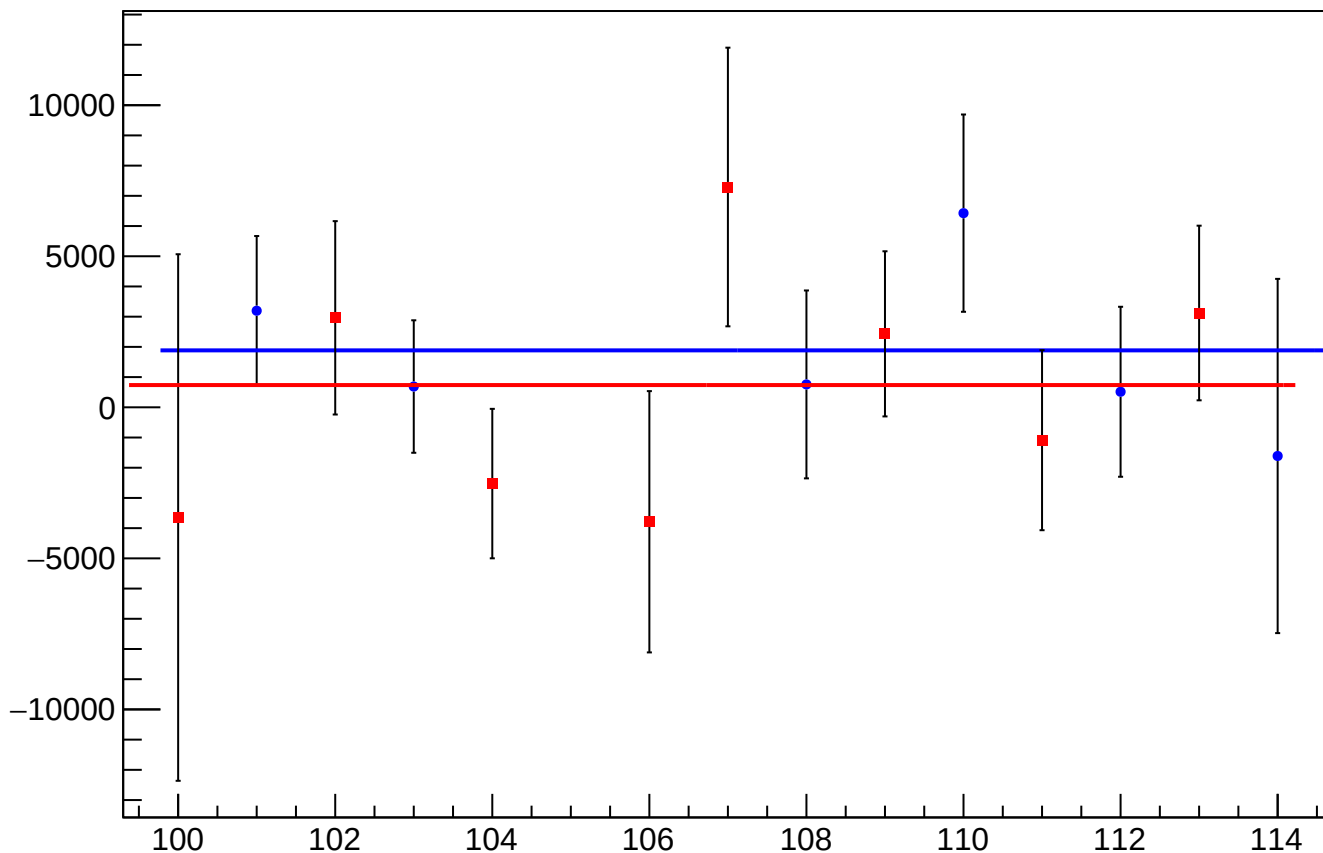
Right: 1141.353+/-0.425 χ^2/NDF : 4086523.0/13

In: 1290.149+/-0.725 χ^2/NDF : 1631763.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.353+/-0.425 χ^2/NDF : 4086523.0/13

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

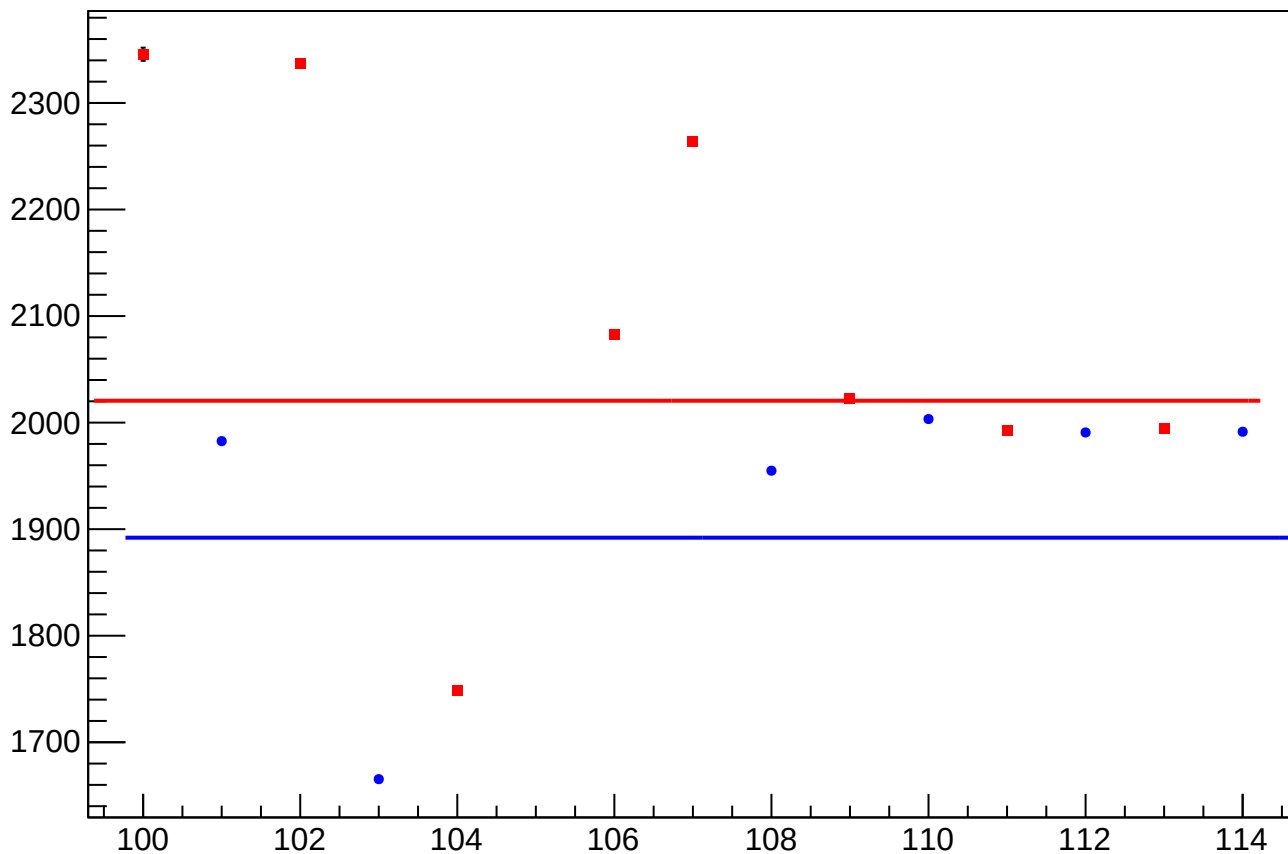
Right: 1303.976+/-826.195 χ^2/NDF : 10.8/13

In: 1884.784+/-1175.183 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.976+/-826.195 χ^2/NDF : 10.8/13

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

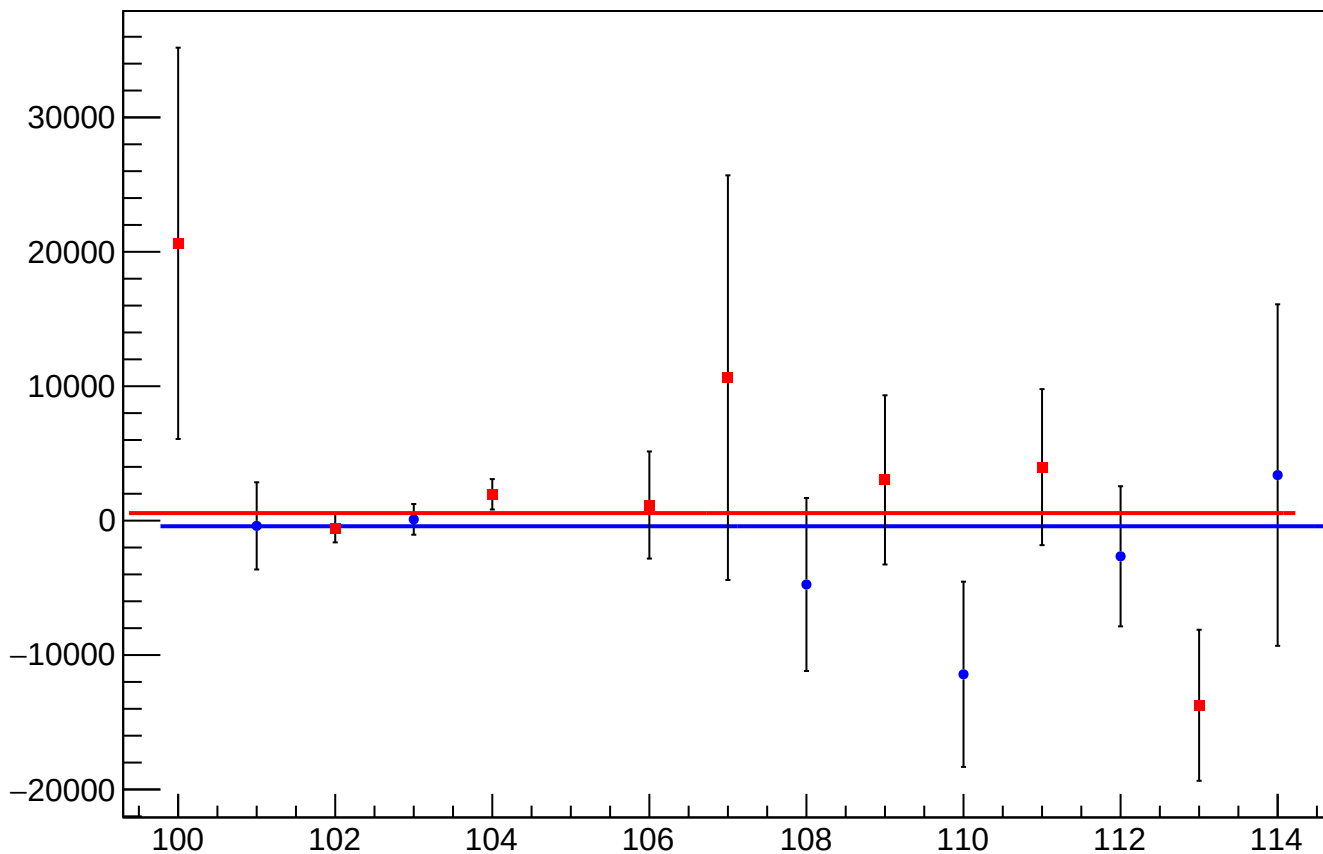
Right: 1957.457 $\pm$ 0.582 χ^2 /NDF: 95330.2/13

In: 1891.996 $\pm$ 0.831 χ^2 /NDF:30230.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1957.457 $\pm$ 0.582 χ^2 /NDF: 95330.2/13

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

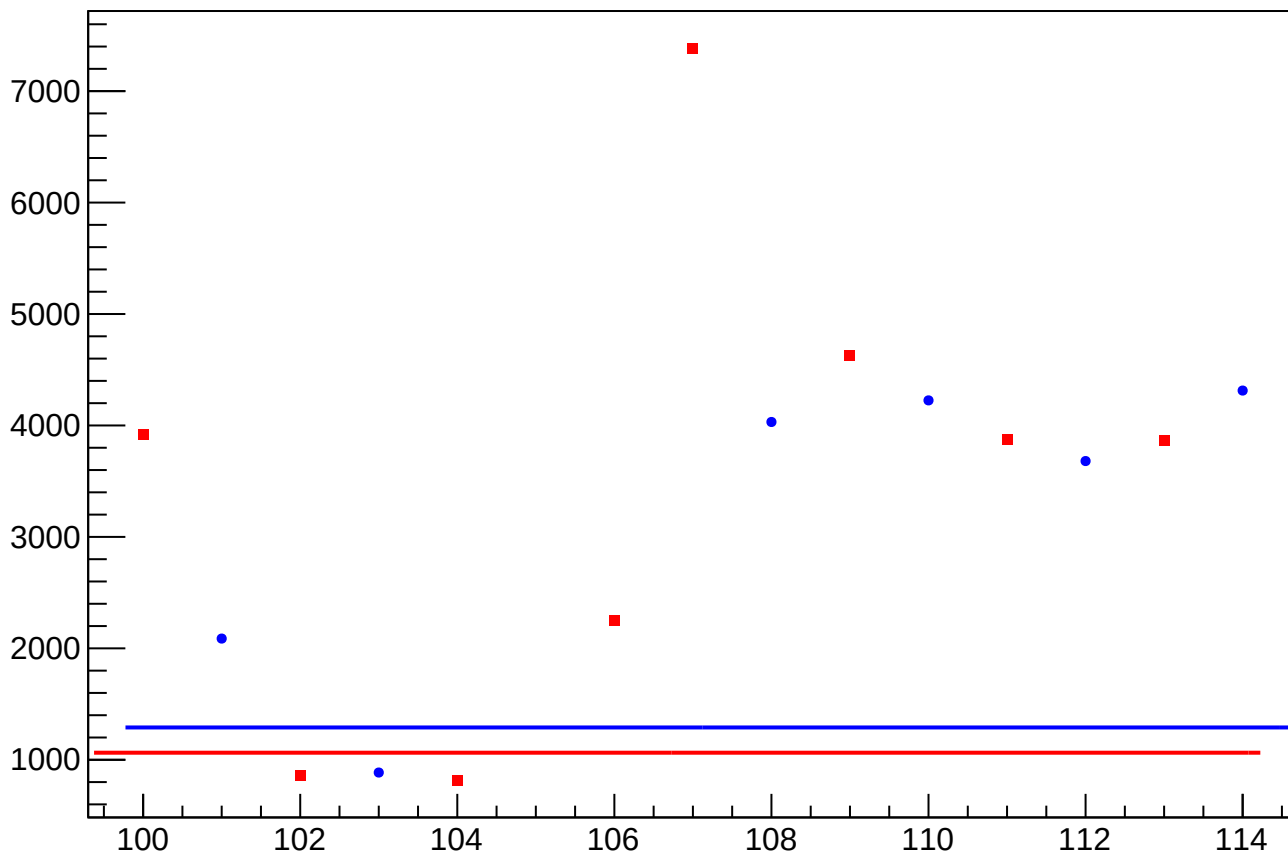
Right: 225.640+/-600.613 χ^2/NDF : 16.1/13

In: -417.448+/-1025.411 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.640+/-600.613 χ^2/NDF : 16.1/13

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

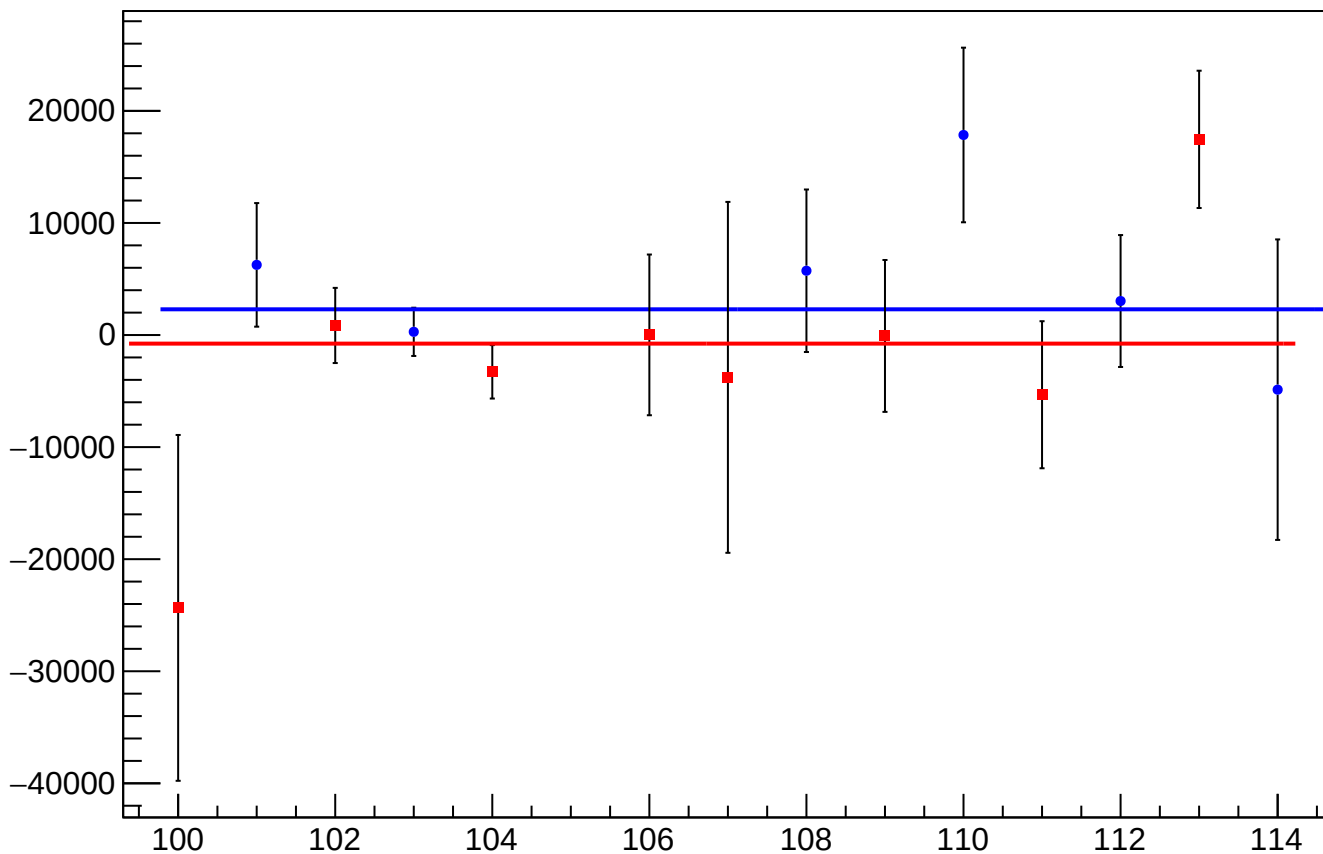
Right: 1141.342+/-0.425 χ^2/NDF : 4086539.2/13

In: 1290.137+/-0.725 χ^2/NDF : 1631770.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.342+/-0.425 χ^2/NDF : 4086539.2/13

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

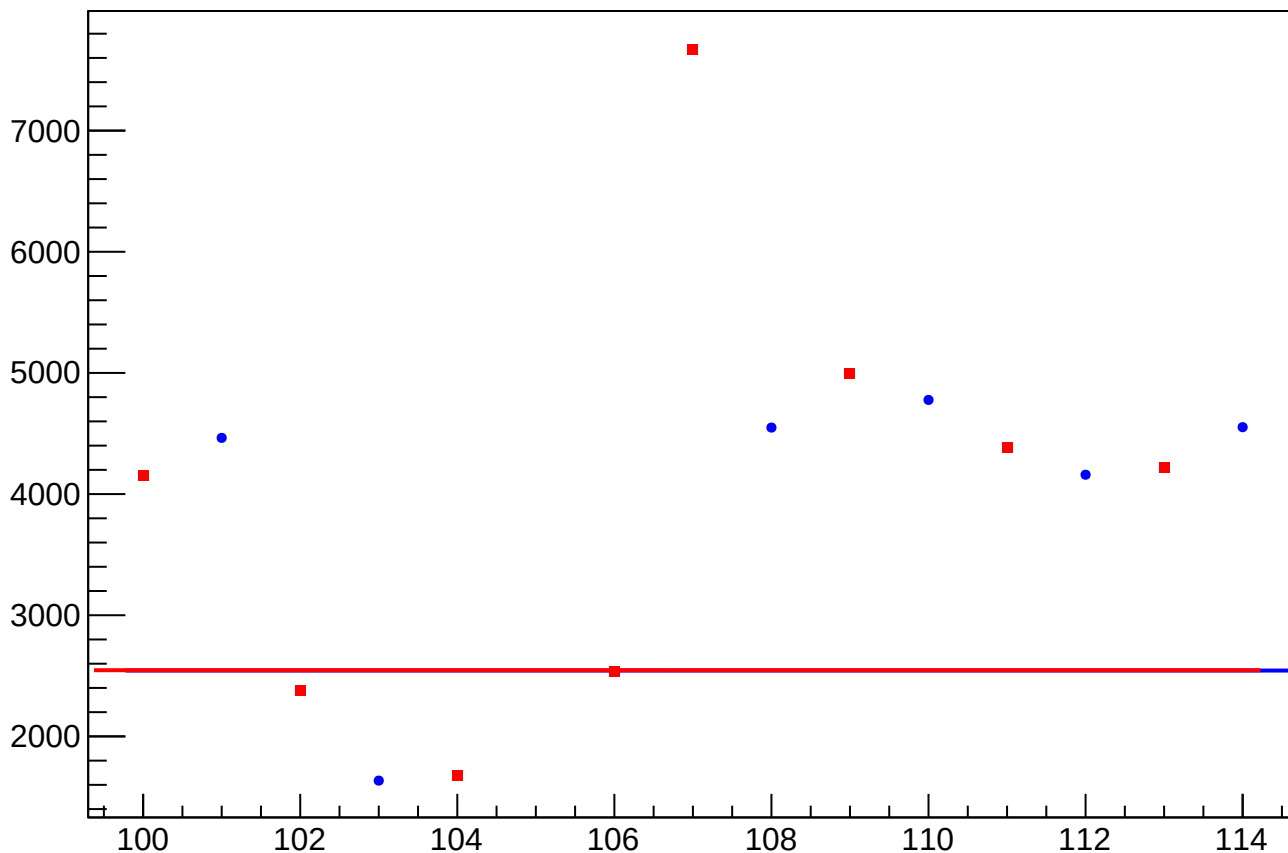
Right: 662.012+/-1210.224 χ^2/NDF : 20.6/13

In: 2295.269+/-1771.833 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.012+/-1210.224 χ^2/NDF : 20.6/13

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

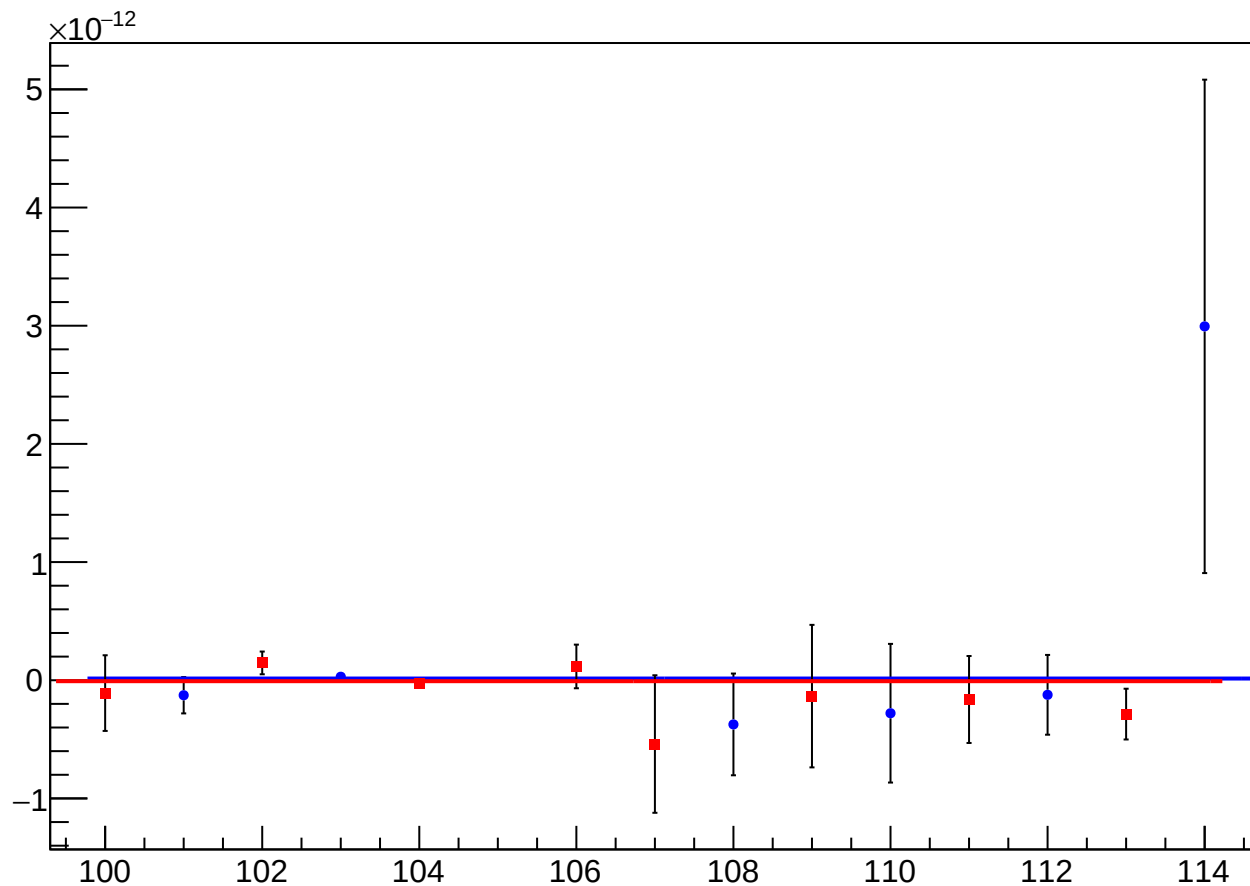
Right: 2544.978+/-0.843 χ^2/NDF : 2189198.6/13

In: 2543.426+/-1.253 χ^2/NDF : 1111886.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2544.978+/-0.843 χ^2/NDF : 2189198.6/13

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

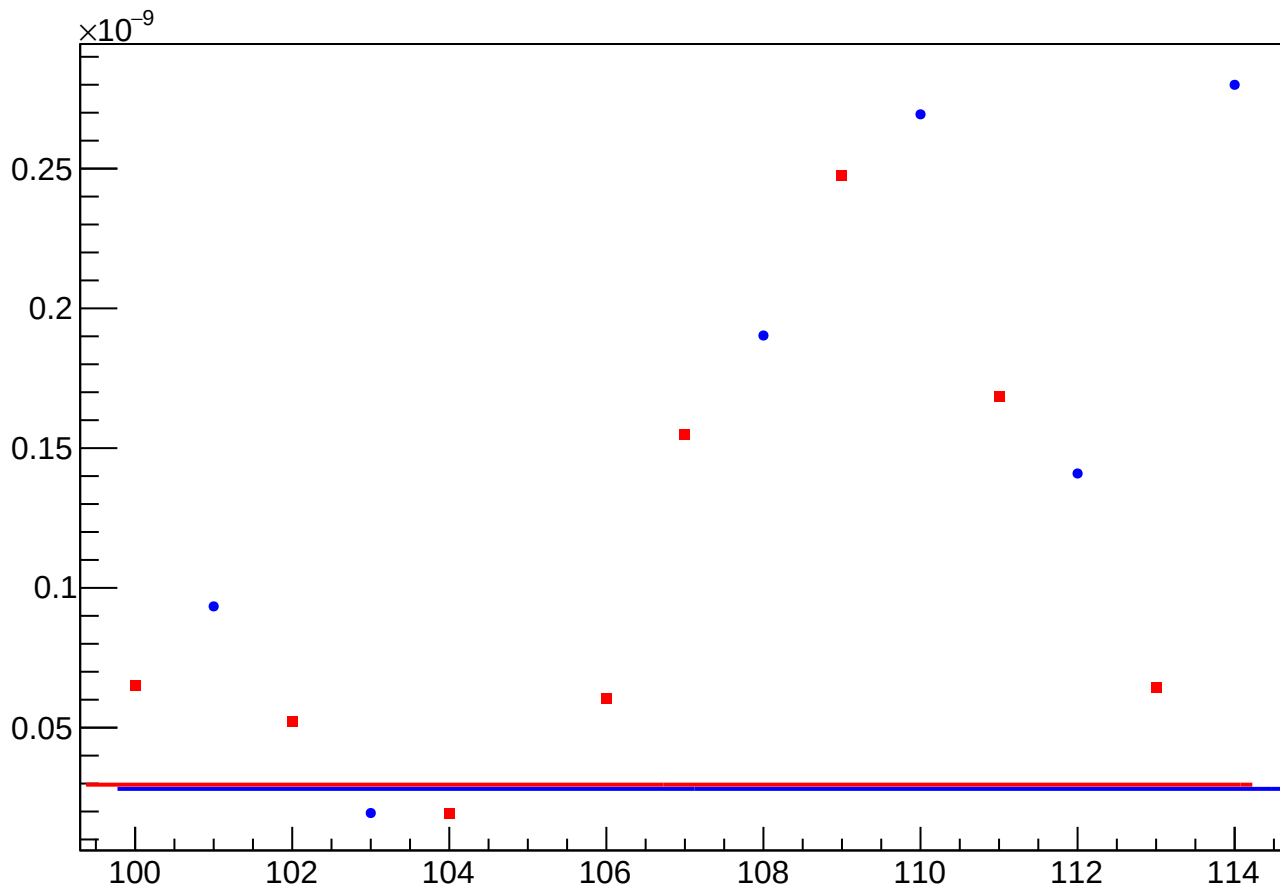
Right: 0.000+/-0.000 χ^2/NDF : 10.5/13

In: 0.000+/-0.000 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/13

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

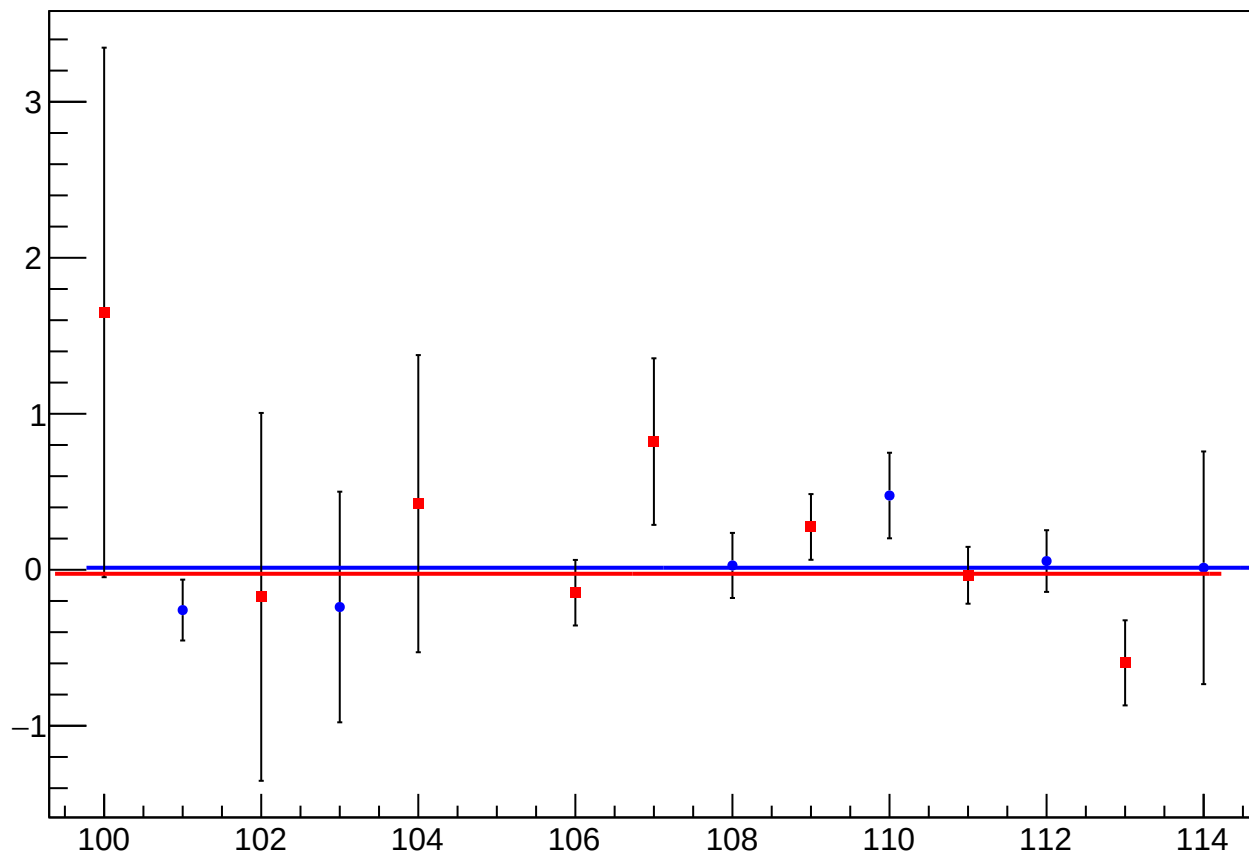
Right: 0.000+/-0.000 χ^2/NDF : 2346500.8/13

In: 0.000+/-0.000 χ^2/NDF : 1328507.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2346500.8/13

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

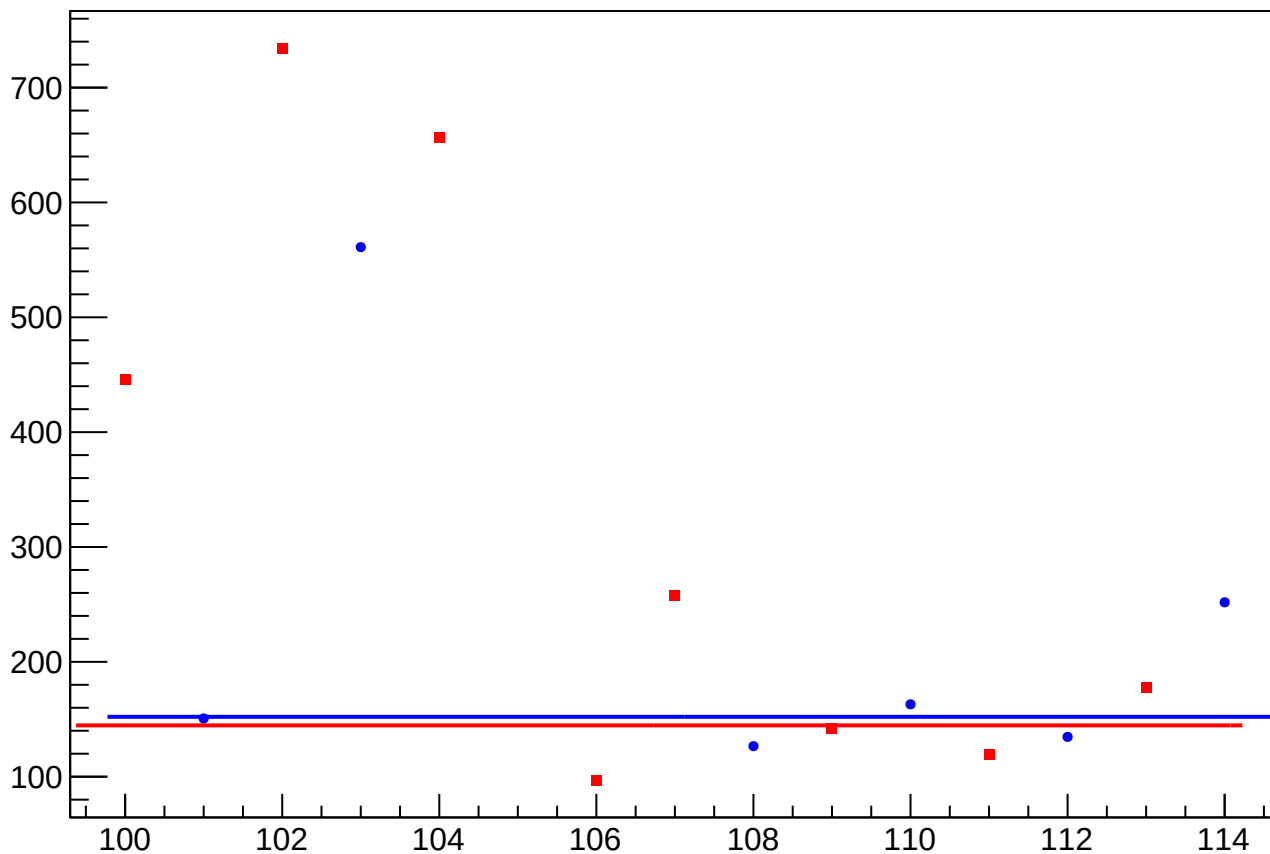
Right: -0.007 $\pm$ 0.073 χ^2 /NDF: 15.5/13

In: 0.013 $\pm$ 0.104 χ^2 /NDF:5.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.073 χ^2 /NDF: 15.5/13

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

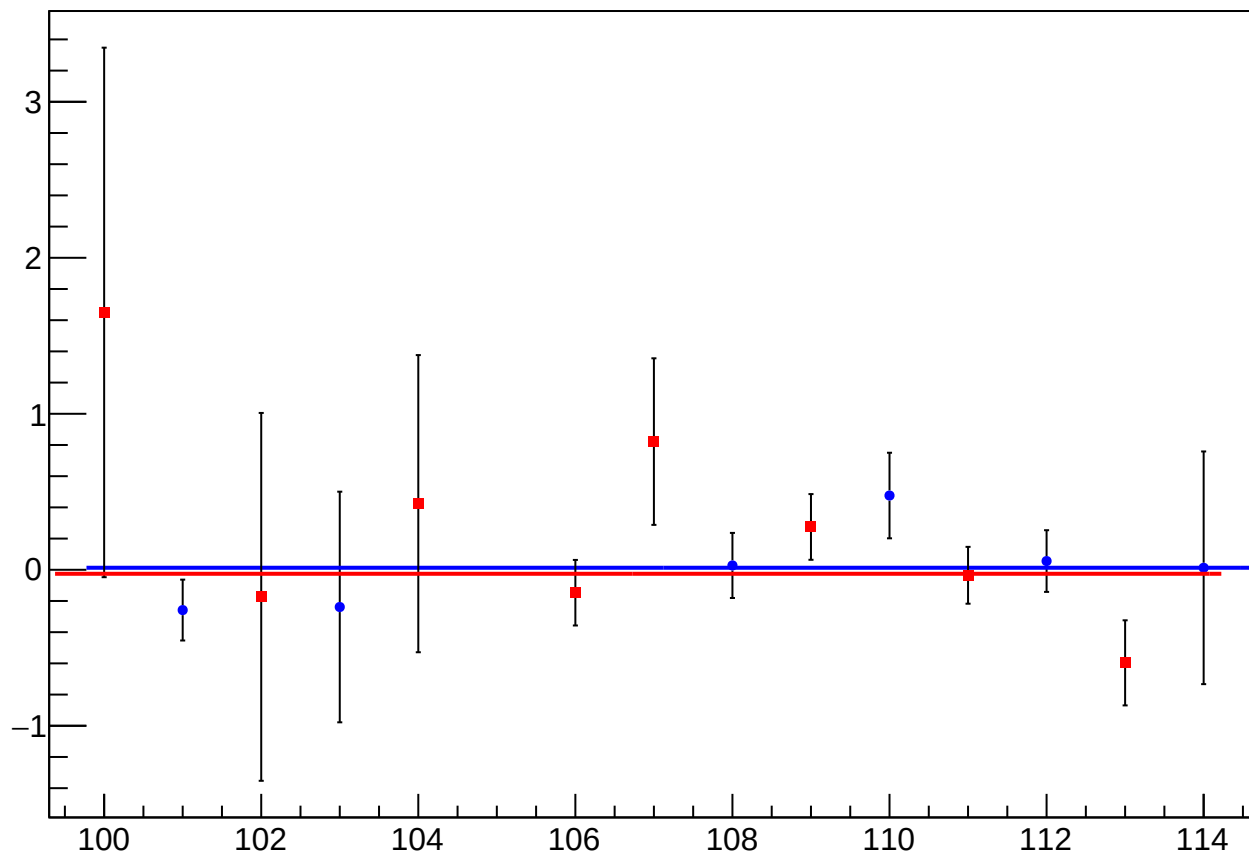
Right: 148.348+/-0.052 χ^2/NDF : 2105885.7/13

In: 152.133+/-0.074 χ^2/NDF : 696667.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.348+/-0.052 χ^2/NDF : 2105885.7/13

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.104 χ^2/NDF : 5.0/5

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

Right Out: -0.026+/-0.103 χ^2/NDF : 10.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

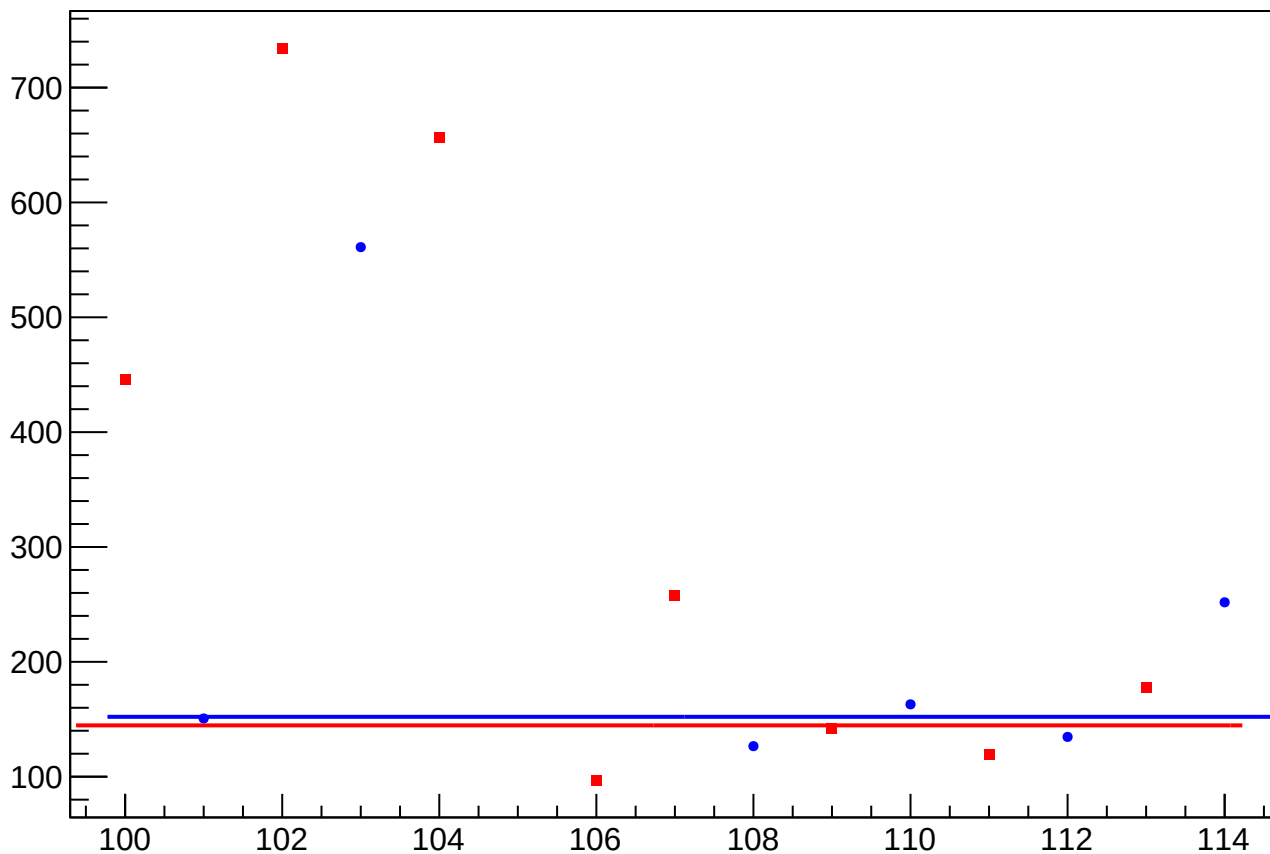
Right: -0.007+/-0.073 χ^2/NDF : 15.5/13

In: 0.013+/-0.104 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.073 χ^2/NDF : 15.5/13

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

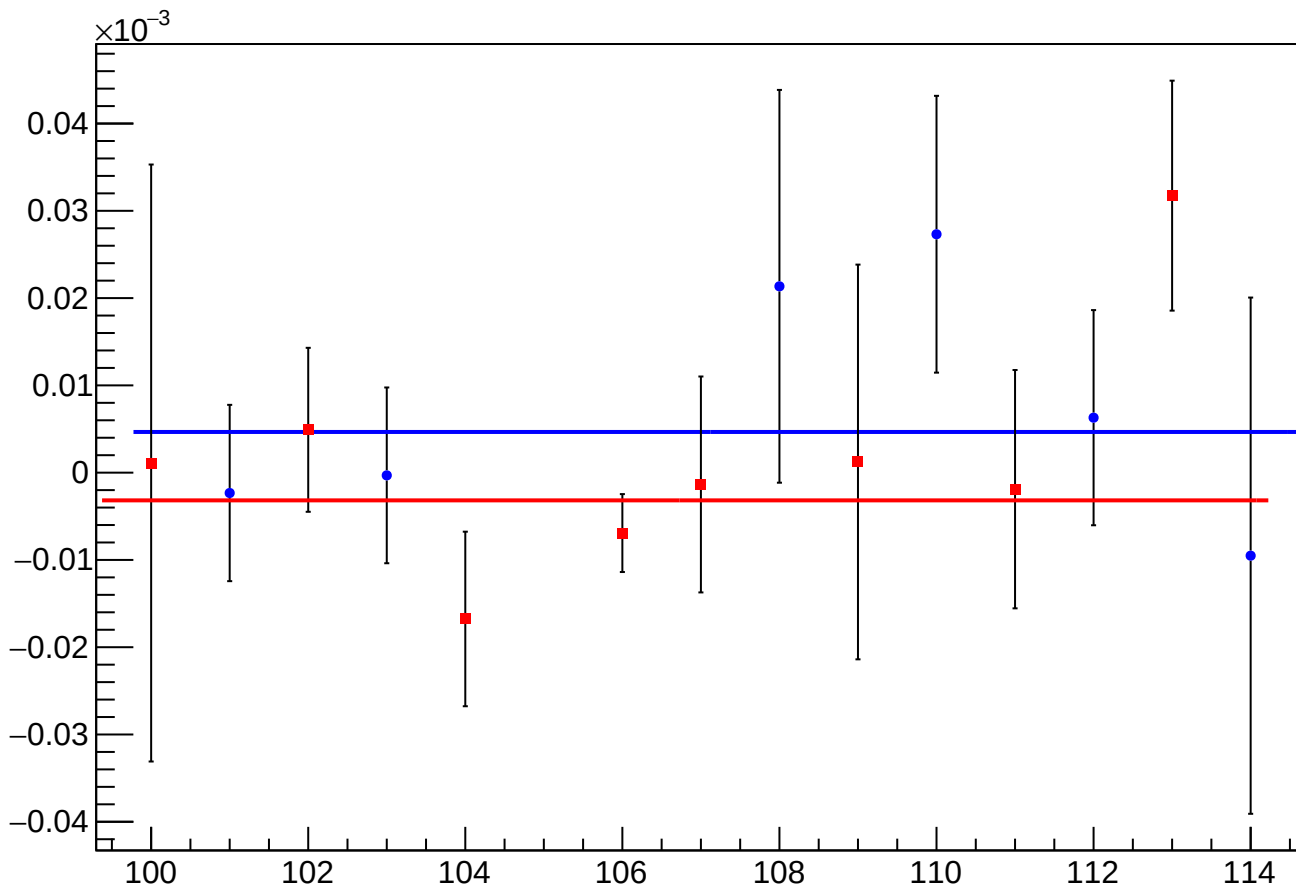
Right: 148.348+/-0.052 χ^2/NDF : 2105885.7/13

In: 152.133+/-0.074 χ^2/NDF : 696667.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.348+/-0.052 χ^2/NDF : 2105885.7/13

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

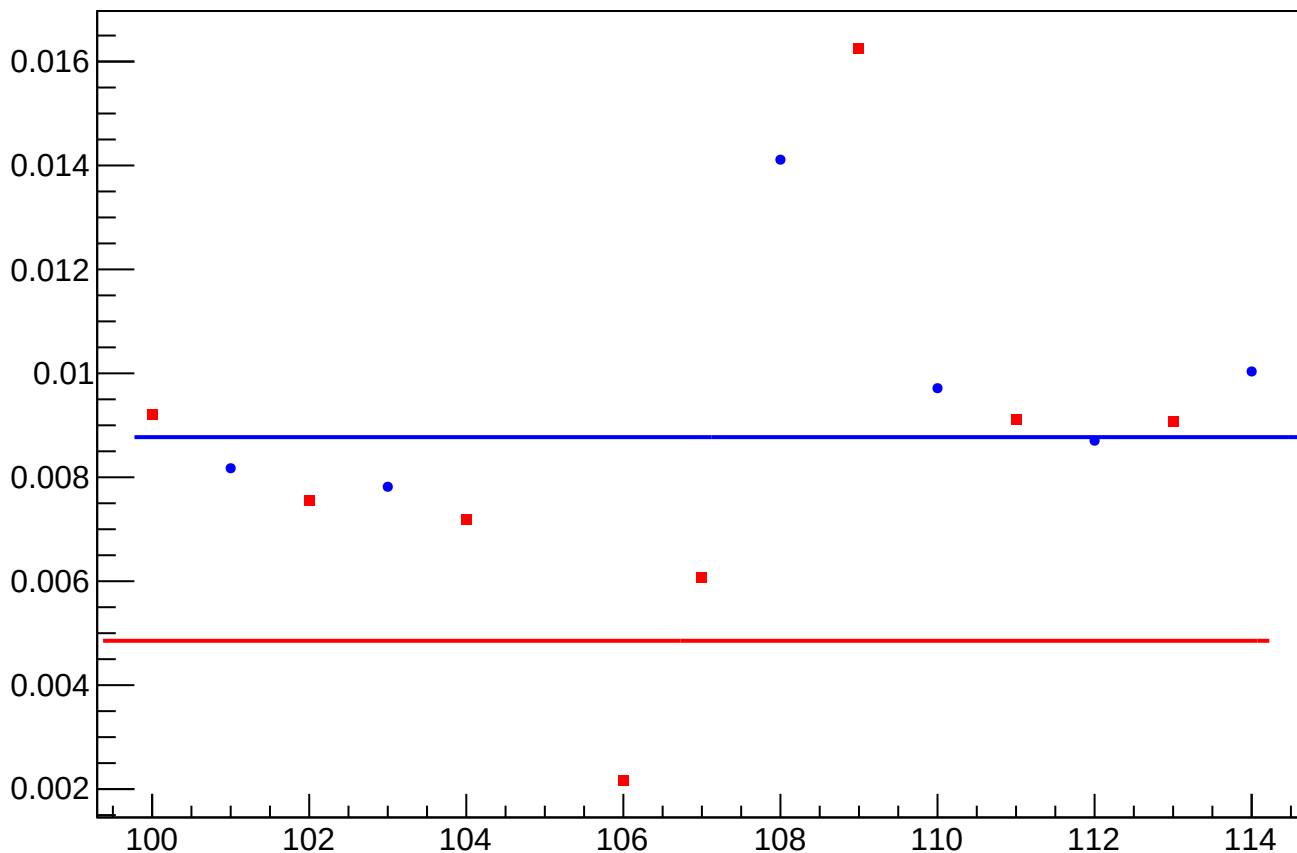
Right: -0.000+/-0.000 χ^2/NDF : 15.5/13

In: 0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/13

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 148374.8/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1960686.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

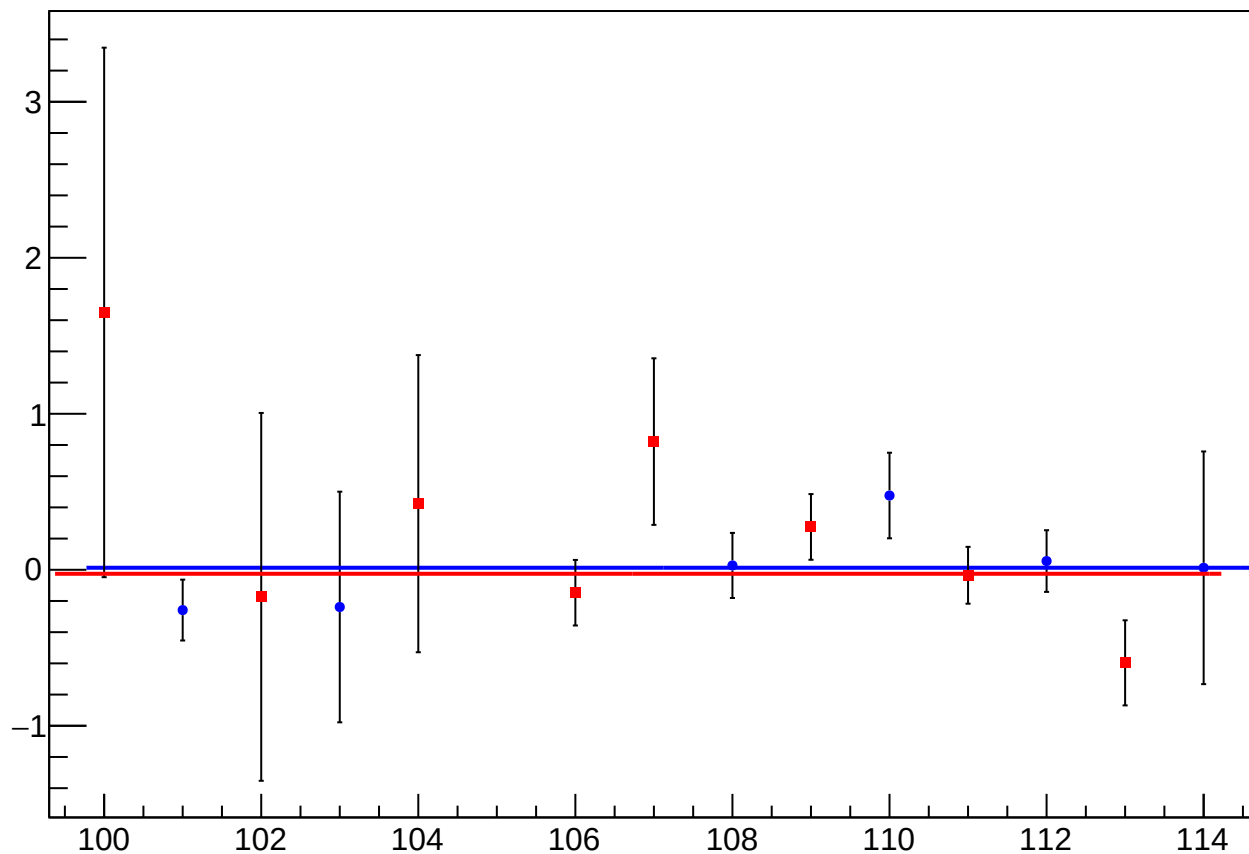
Right: 0.006+/-0.000 χ^2/NDF : 2860655.6/13

In: 0.009+/-0.000 χ^2/NDF : 148374.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2860655.6/13

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

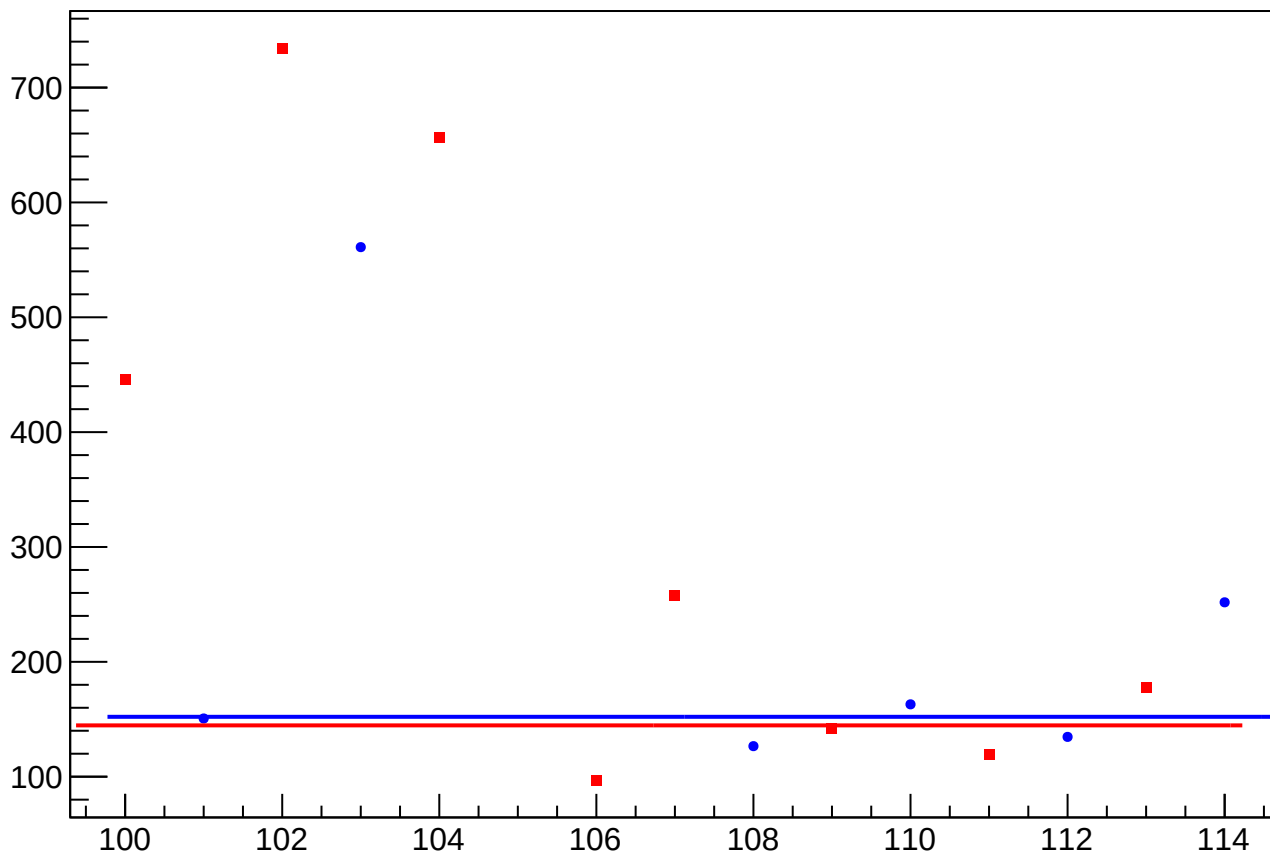
Right: -0.007 $\pm$ 0.073 χ^2 /NDF: 15.5/13

In: 0.013 $\pm$ 0.104 χ^2 /NDF:5.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.073 χ^2 /NDF: 15.5/13

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

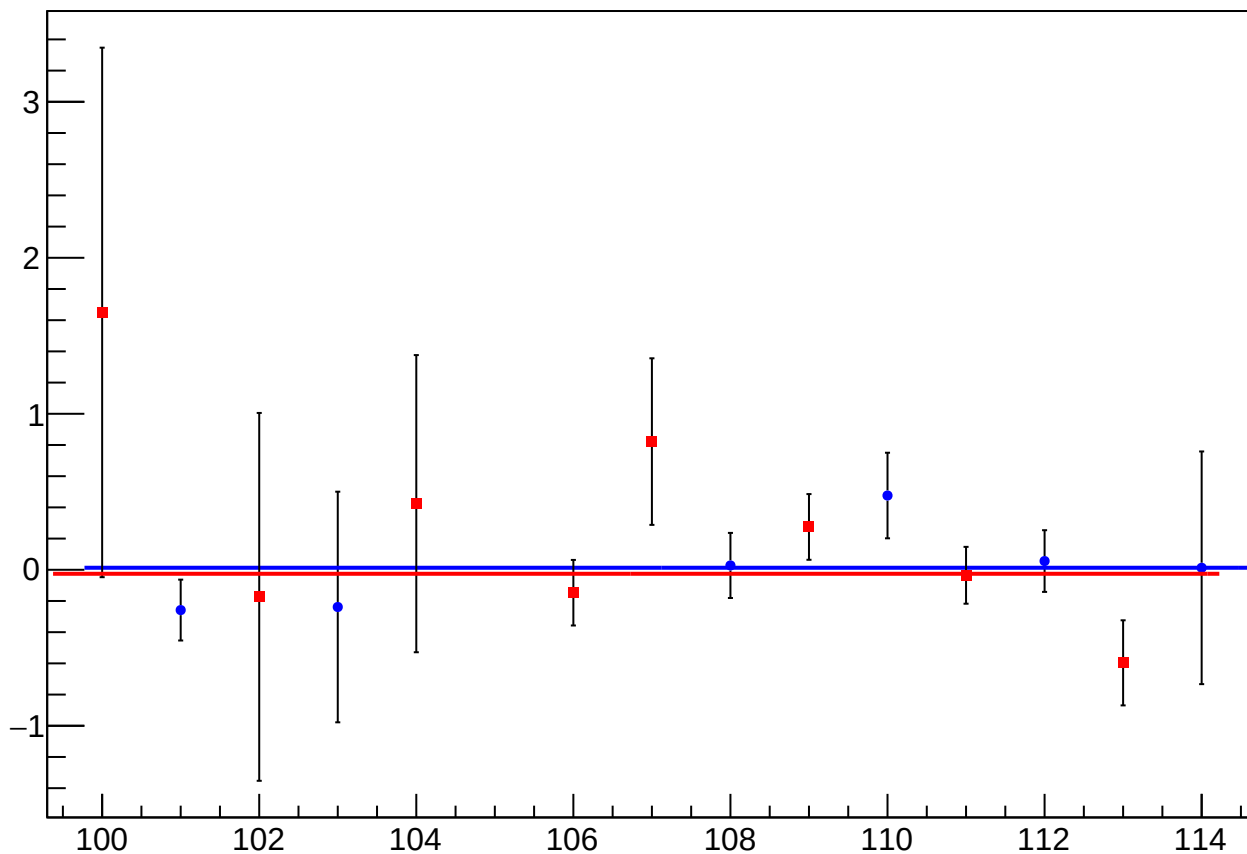
Right: 148.350+/-0.052 χ^2/NDF : 2105832.4/13

In: 152.136+/-0.074 χ^2/NDF : 696637.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.350+/-0.052 χ^2/NDF : 2105832.4/13

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

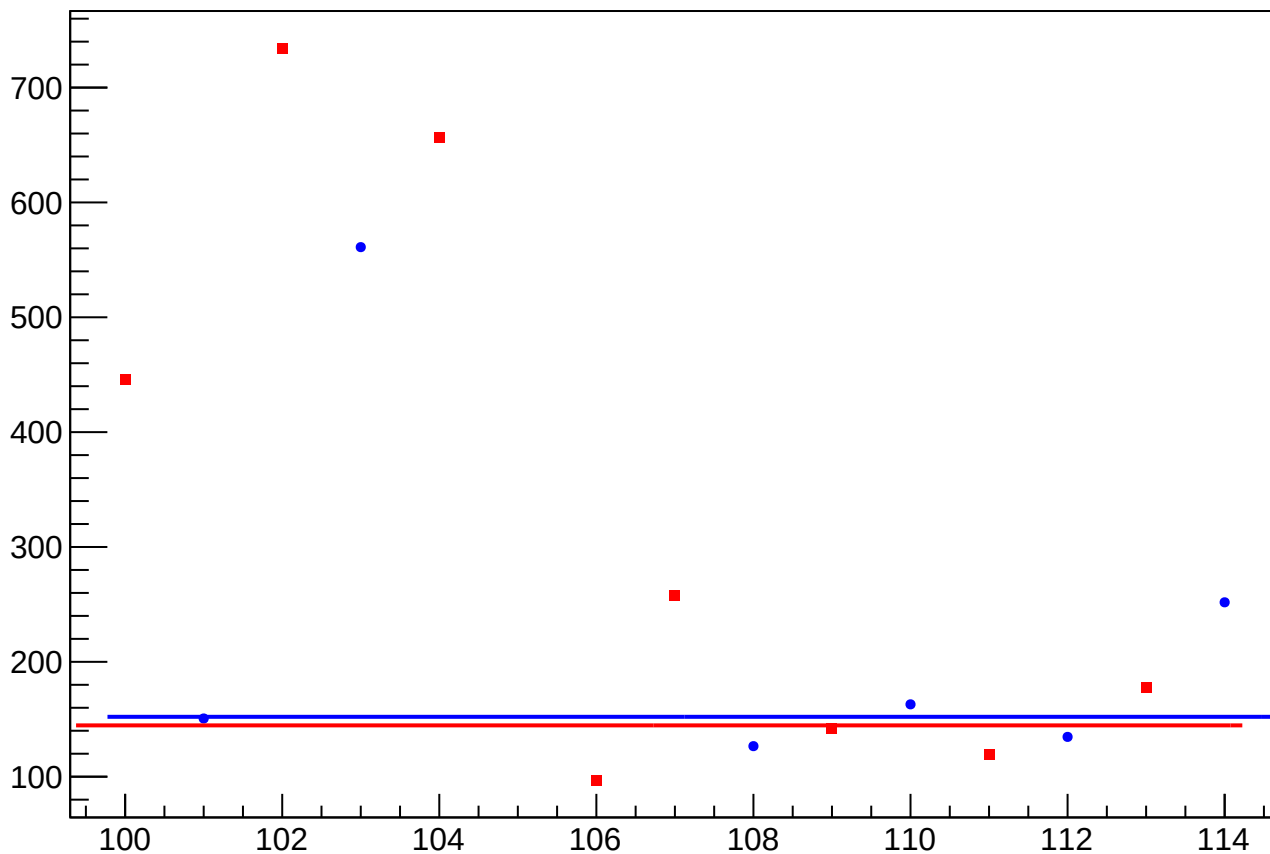
Right: -0.007 $\pm$ 0.073 χ^2 /NDF: 15.5/13

In: 0.013 $\pm$ 0.104 χ^2 /NDF:5.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.073 χ^2 /NDF: 15.5/13

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

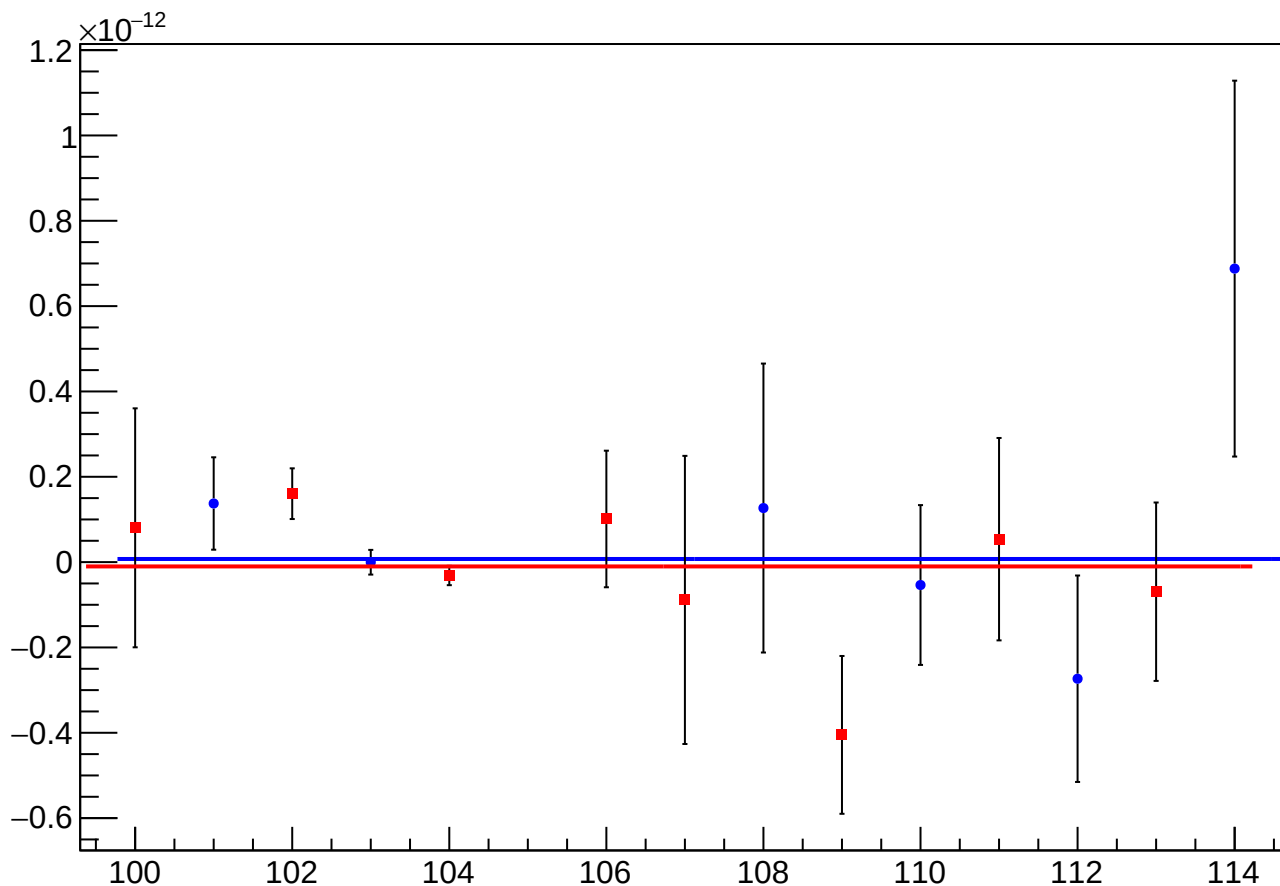
Right: 148.350+/-0.052 χ^2/NDF : 2105832.4/13

In: 152.136+/-0.074 χ^2/NDF : 696637.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.350+/-0.052 χ^2/NDF : 2105832.4/13

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 14.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

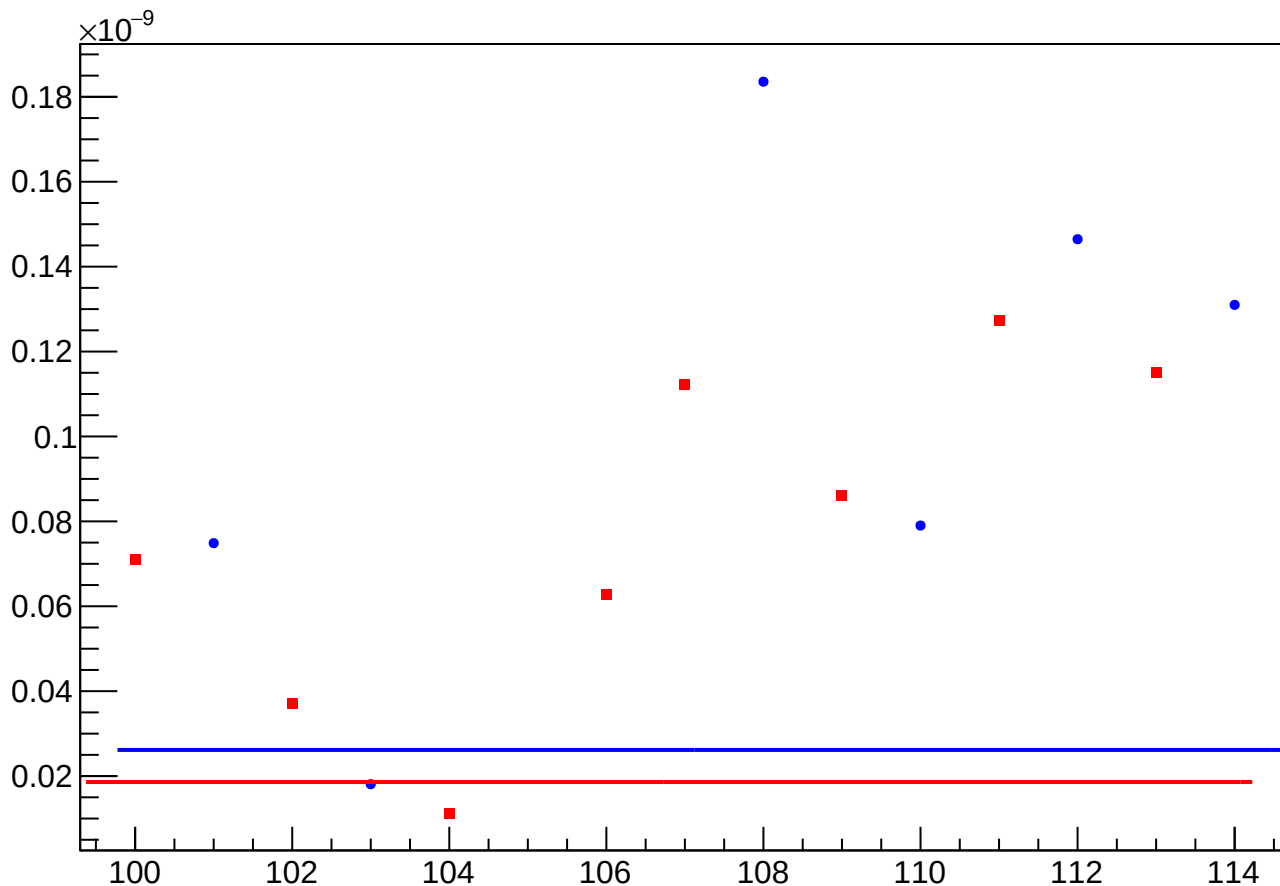
Right: -0.000+/-0.000 χ^2/NDF : 20.2/13

In: 0.000+/-0.000 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/13

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

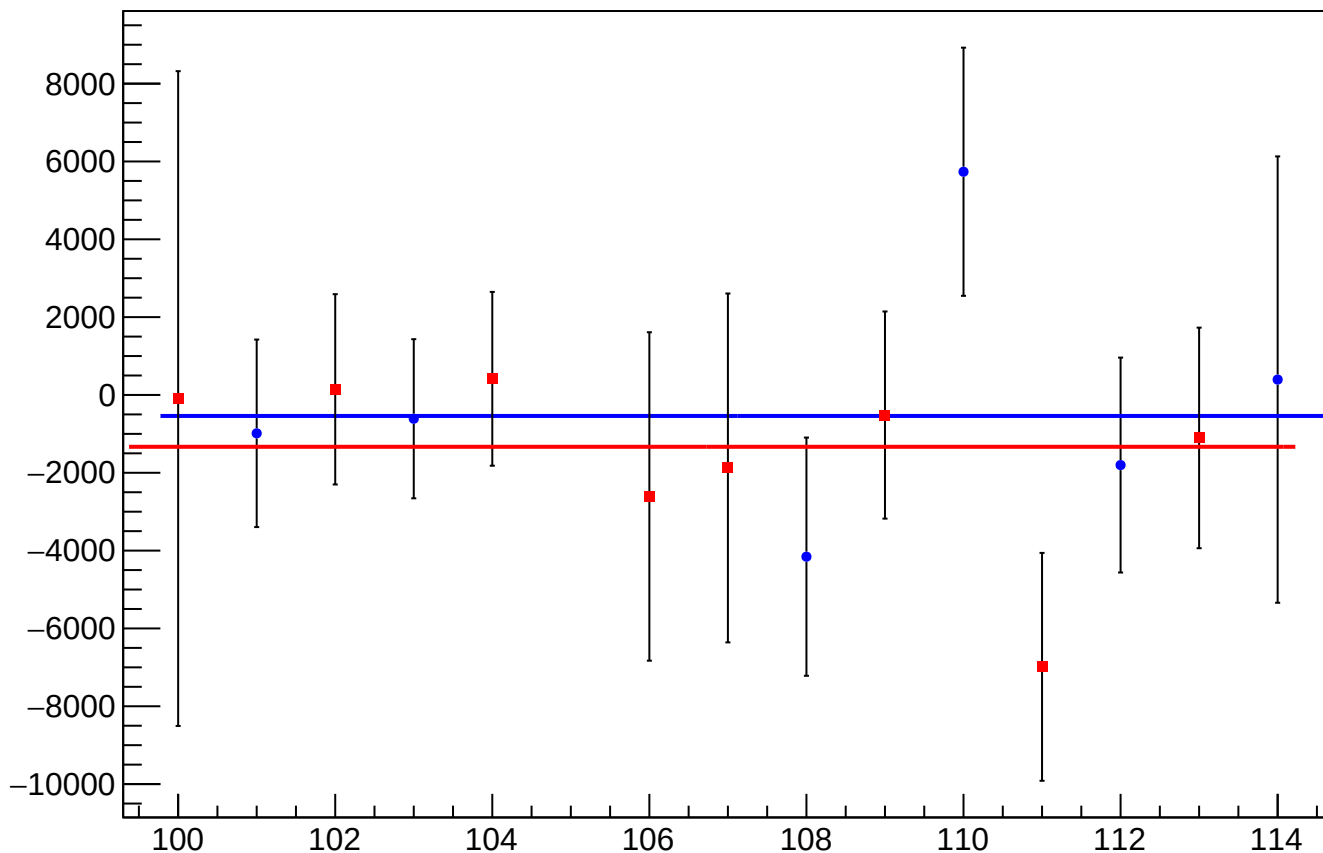
Right: 0.000+/-0.000 χ^2/NDF : 3754929.6/13

In: 0.000+/-0.000 χ^2/NDF : 1759374.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3754929.6/13

reg_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

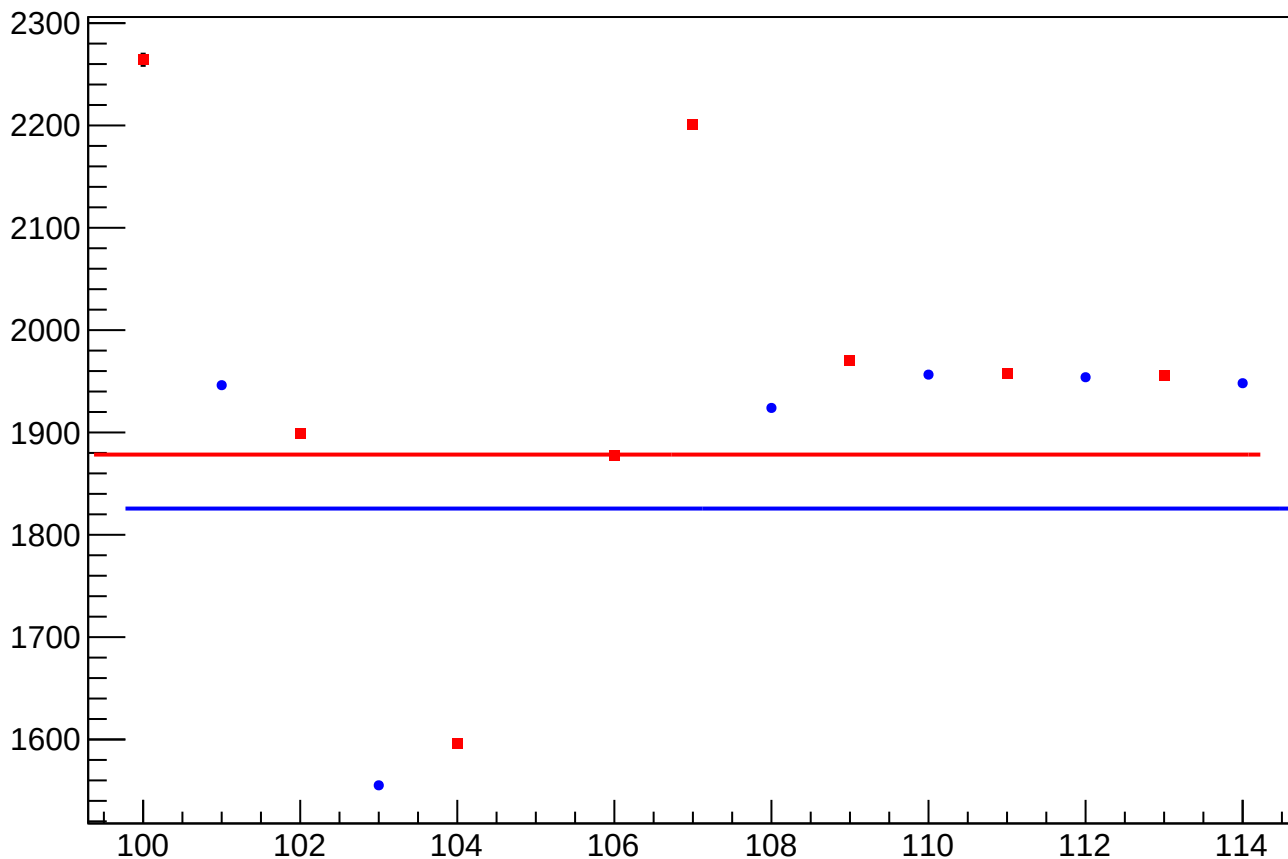
Right: -957.935+/-778.936 χ^2/NDF : 10.7/13

In: -539.554+/-1133.647 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -957.935+/-778.936 χ^2/NDF : 10.7/13

reg_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

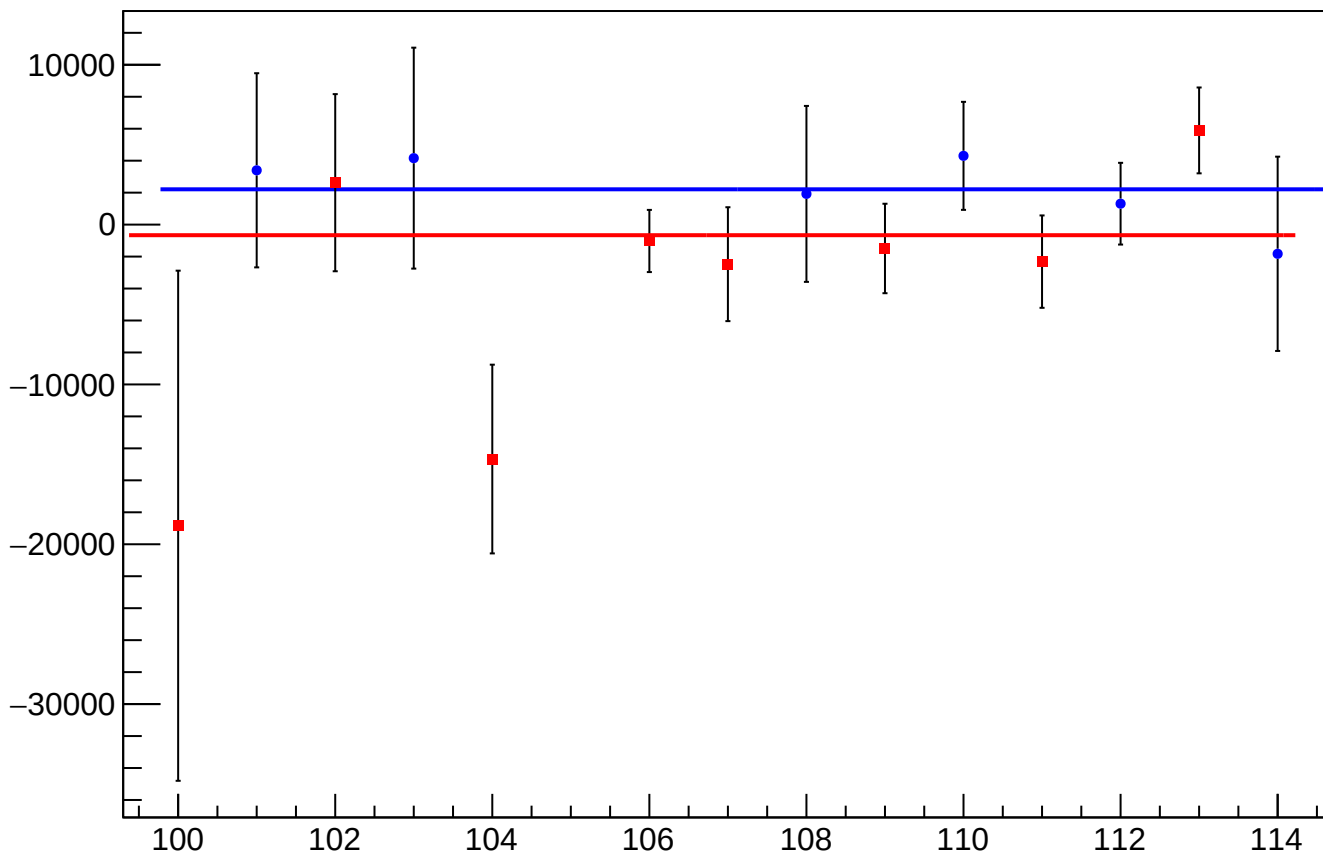
Right: 1853.829 $\pm$ 0.547 χ^2 /NDF: 105017.0/13

In: 1825.645 $\pm$ 0.802 χ^2 /NDF:50665.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1853.829 $\pm$ 0.547 χ^2 /NDF: 105017.0/13

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

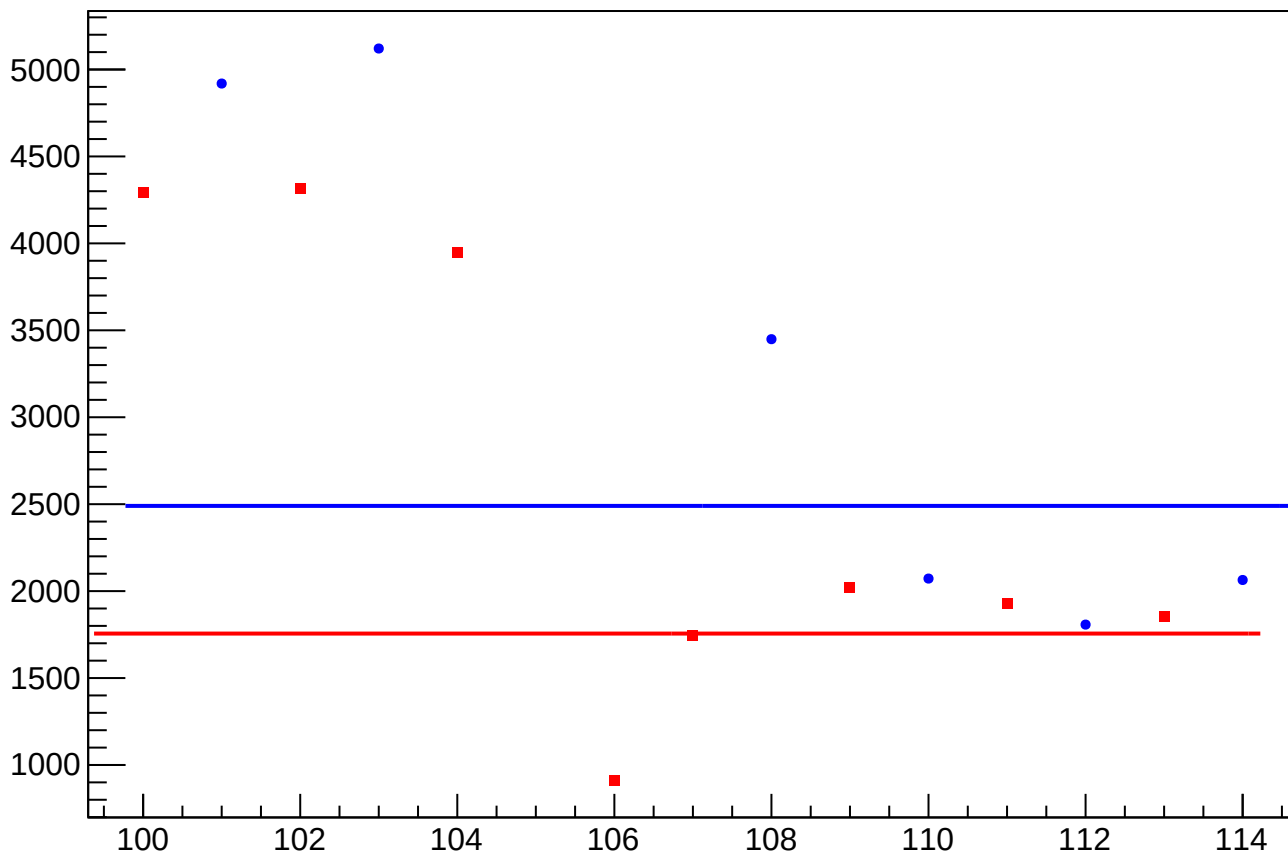
Right: 213.389+/-935.389 χ^2/NDF : 17.0/13

In: 2208.812+/-1693.702 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.389+/-935.389 χ^2/NDF : 17.0/13

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2490.139+/-1.198 χ^2/NDF : 853183.1/5

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

Right Out: 1755.824+/-0.793 χ^2/NDF : 1157747.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

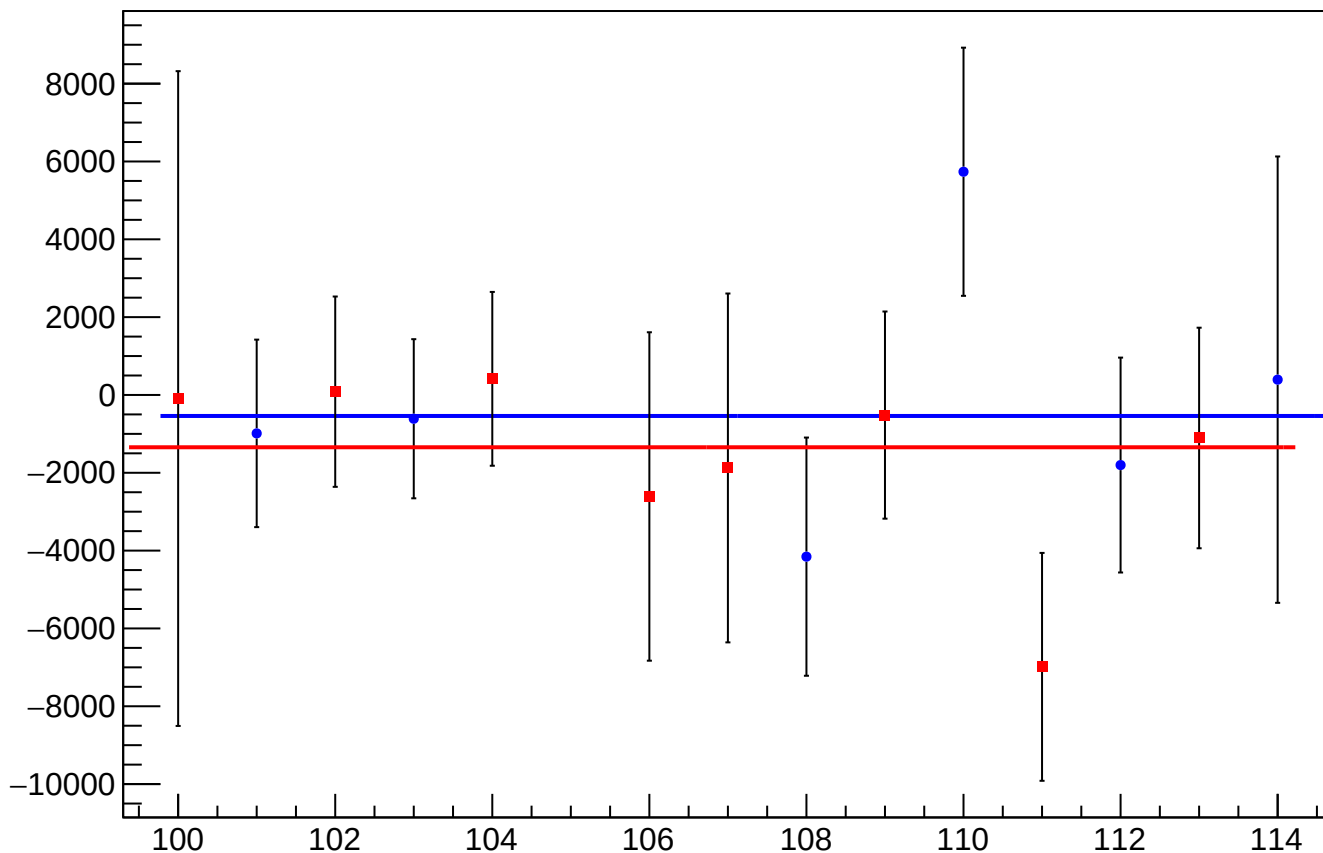
Right: 1979.796+/-0.661 χ^2/NDF : 2272207.3/13

In: 2490.139+/-1.198 χ^2/NDF : 853183.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1979.796+/-0.661 χ^2/NDF : 2272207.3/13

cor_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

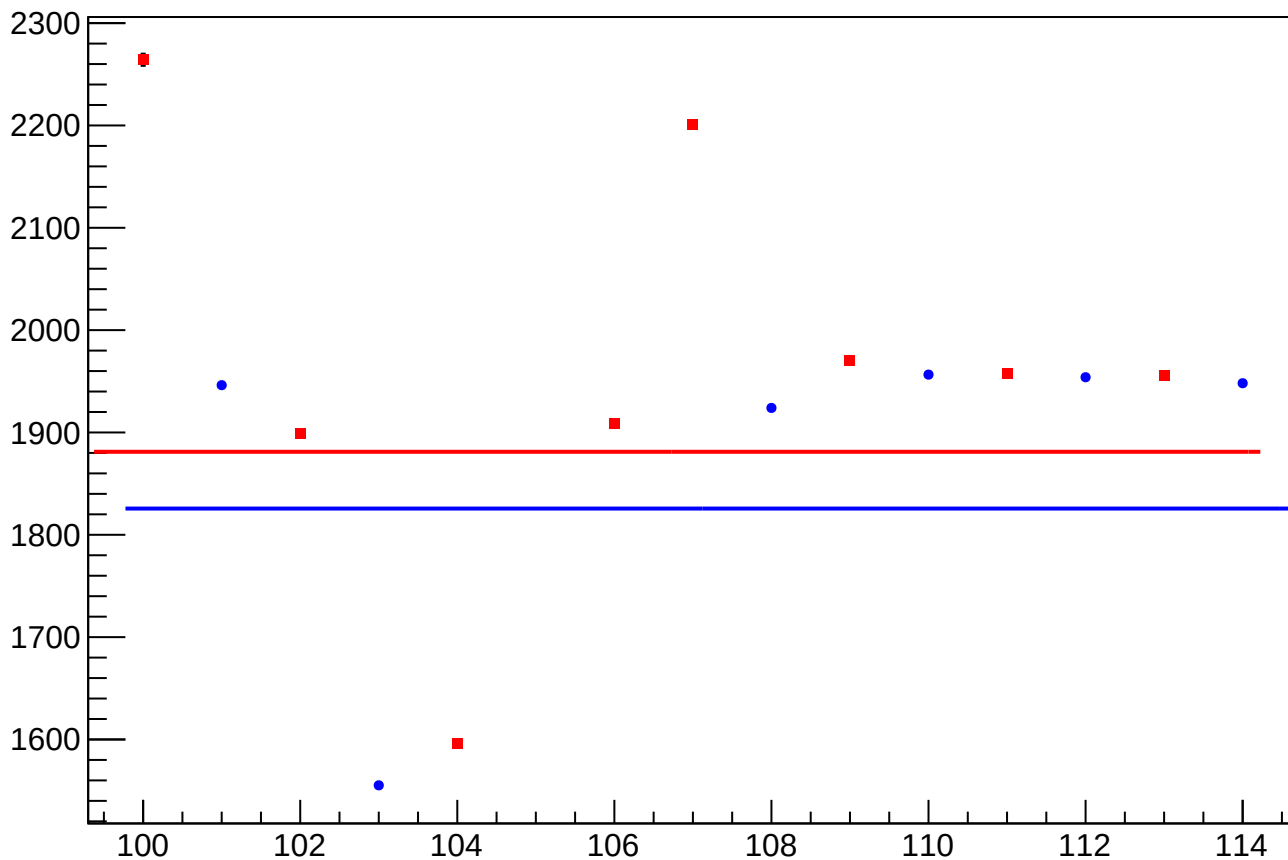
Right: -964.491+/-778.948 χ^2/NDF : 10.7/13

In: -539.834+/-1133.648 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.491+/-778.948 χ^2/NDF : 10.7/13

cor_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

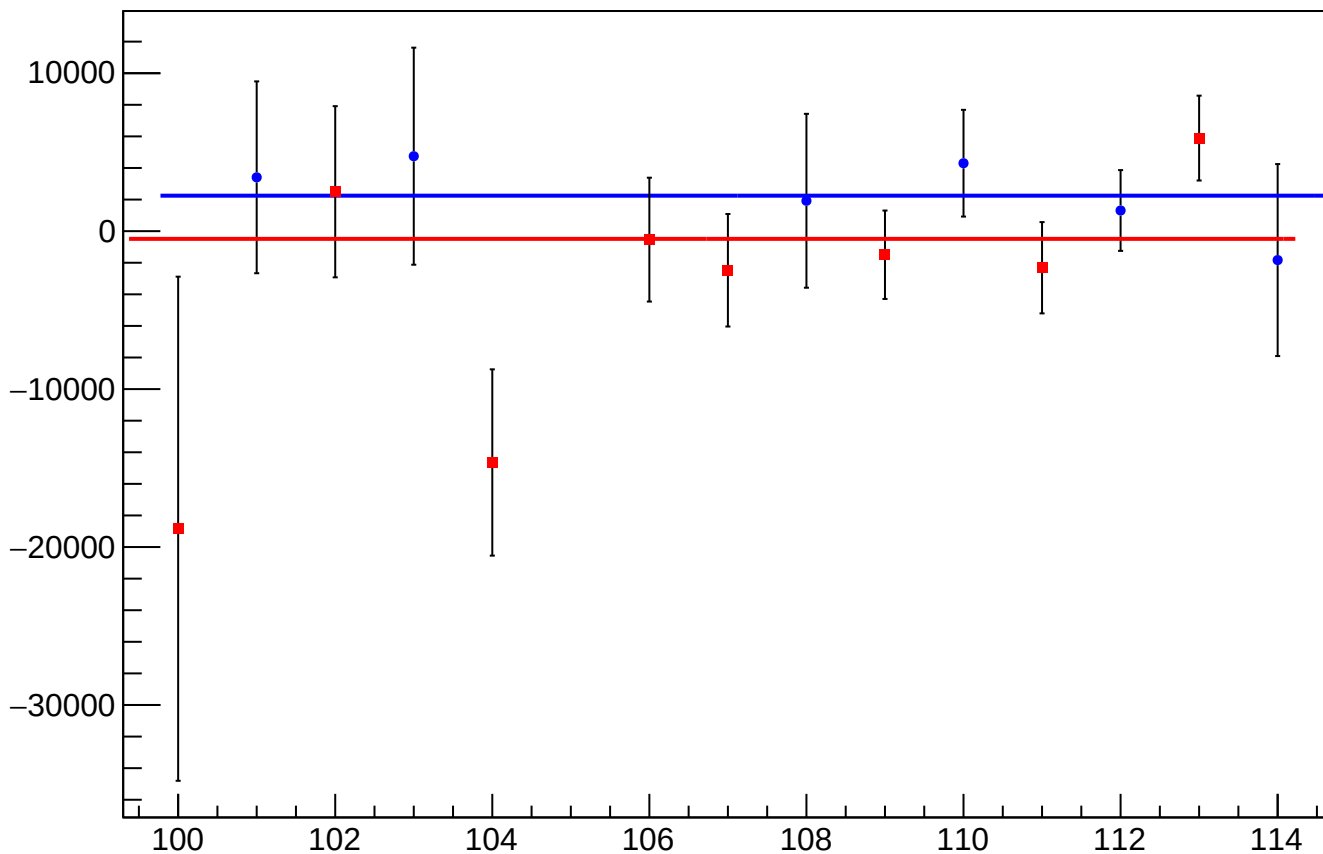
Right: 1855.252+/-0.547 χ^2/NDF : 105390.0/13

In: 1825.644+/-0.802 χ^2/NDF : 50665.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.252+/-0.547 χ^2/NDF : 105390.0/13

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

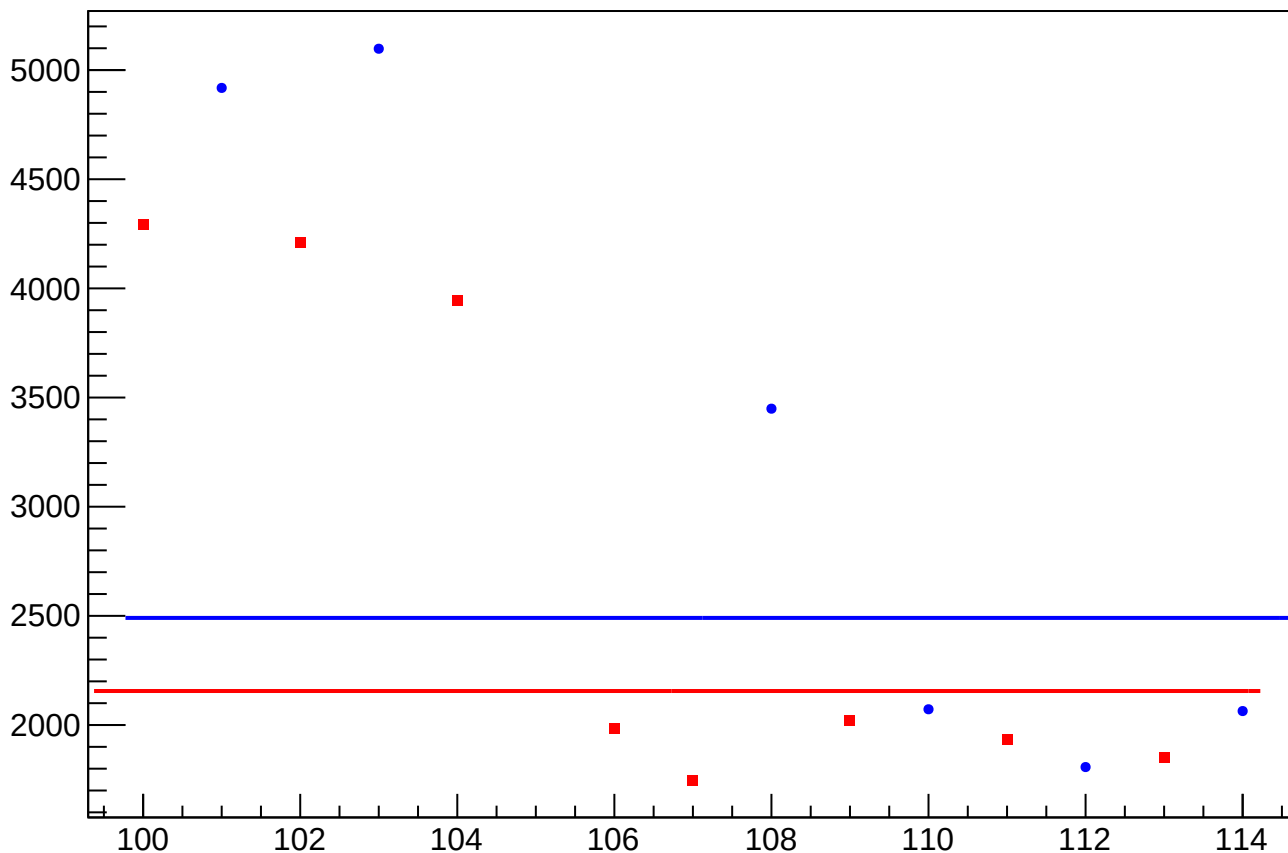
Right: 520.988+/-1028.456 χ^2/NDF : 16.6/13

In: 2246.413+/-1693.053 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.988+/-1028.456 χ^2/NDF : 16.6/13

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

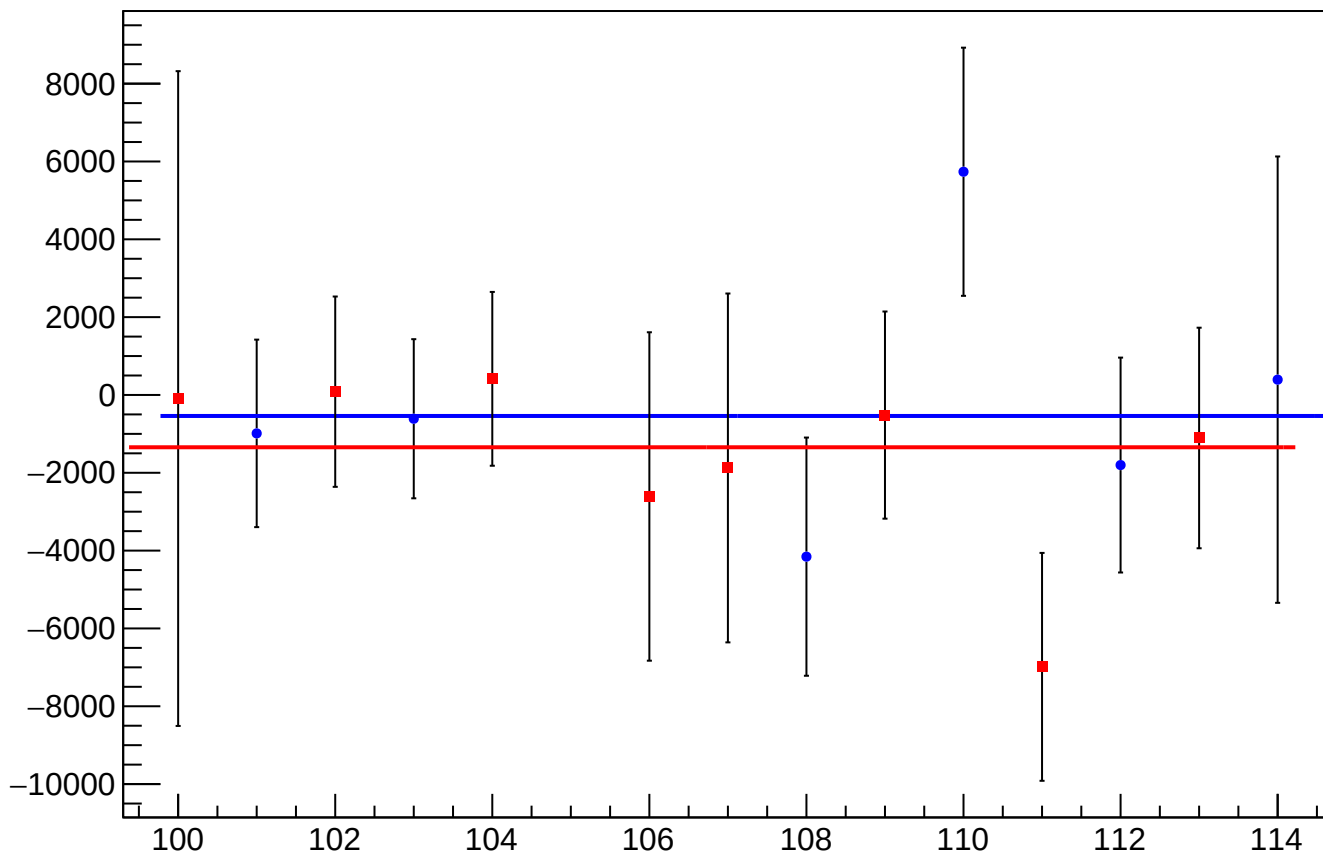
Right: 2279.325+/-0.727 χ^2/NDF : 1479903.5/13

In: 2490.610+/-1.197 χ^2/NDF : 851448.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2279.325+/-0.727 χ^2/NDF : 1479903.5/13

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

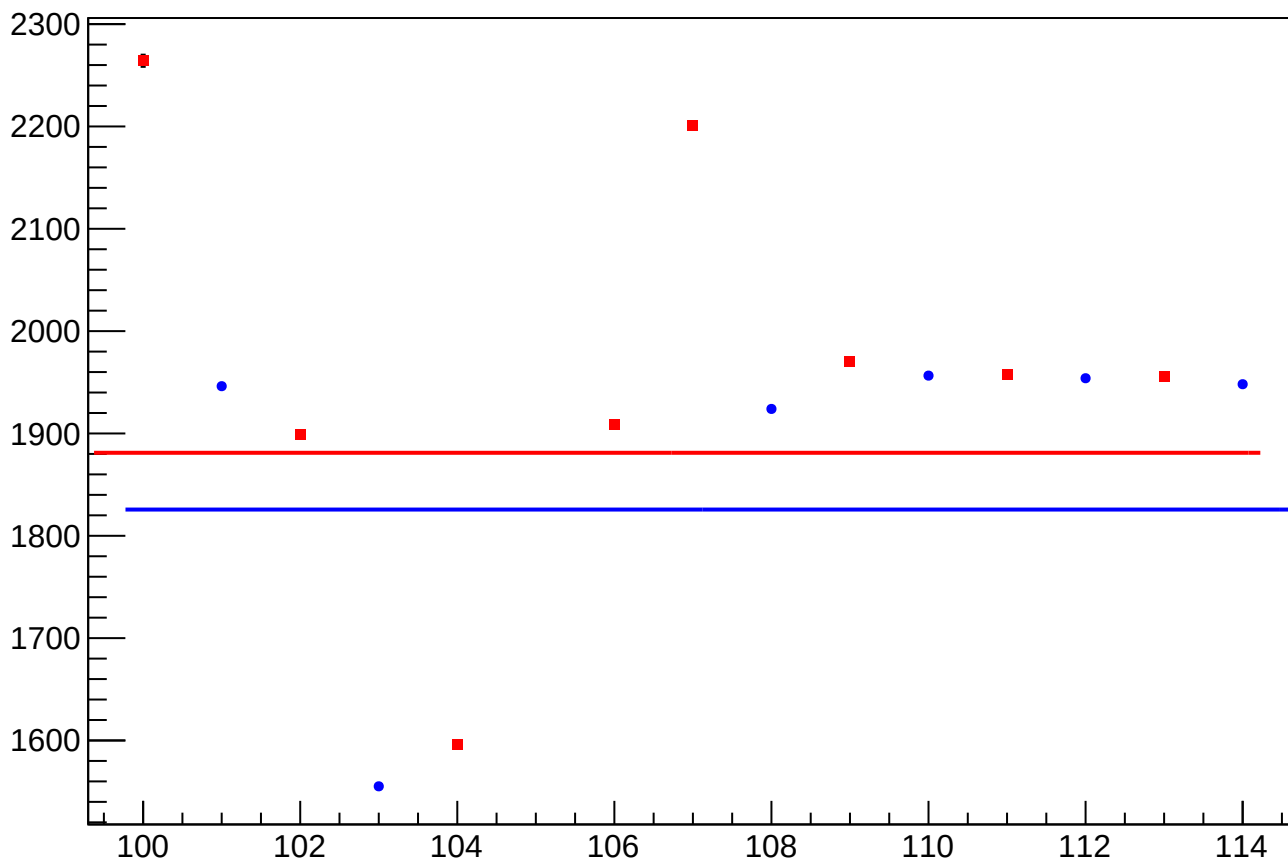
Right: -964.491+/-778.948 χ^2/NDF : 10.7/13

In: -539.834+/-1133.648 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.491+/-778.948 χ^2/NDF : 10.7/13

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

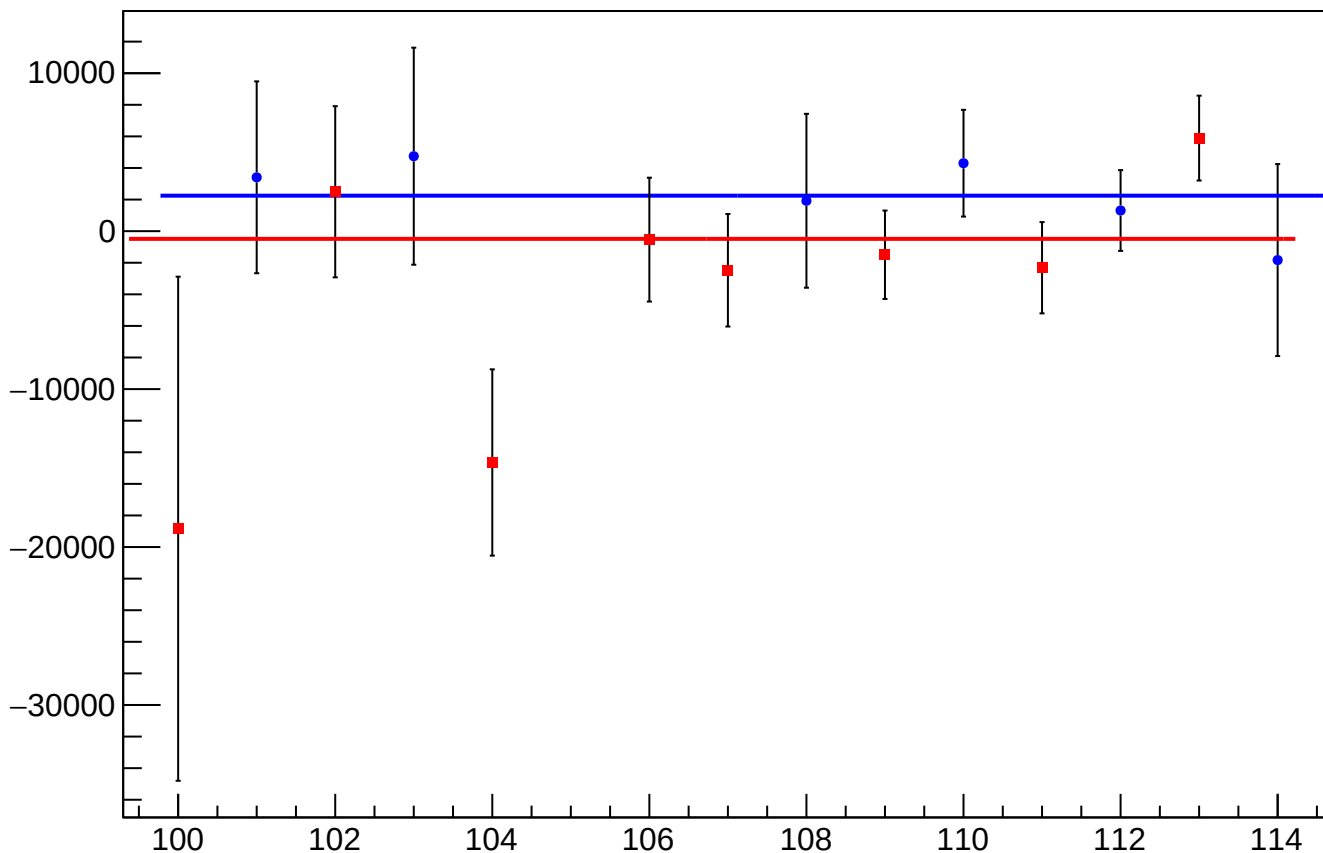
Right: 1855.252+/-0.547 χ^2/NDF : 105390.0/13

In: 1825.644+/-0.802 χ^2/NDF : 50665.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.252+/-0.547 χ^2/NDF : 105390.0/13

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

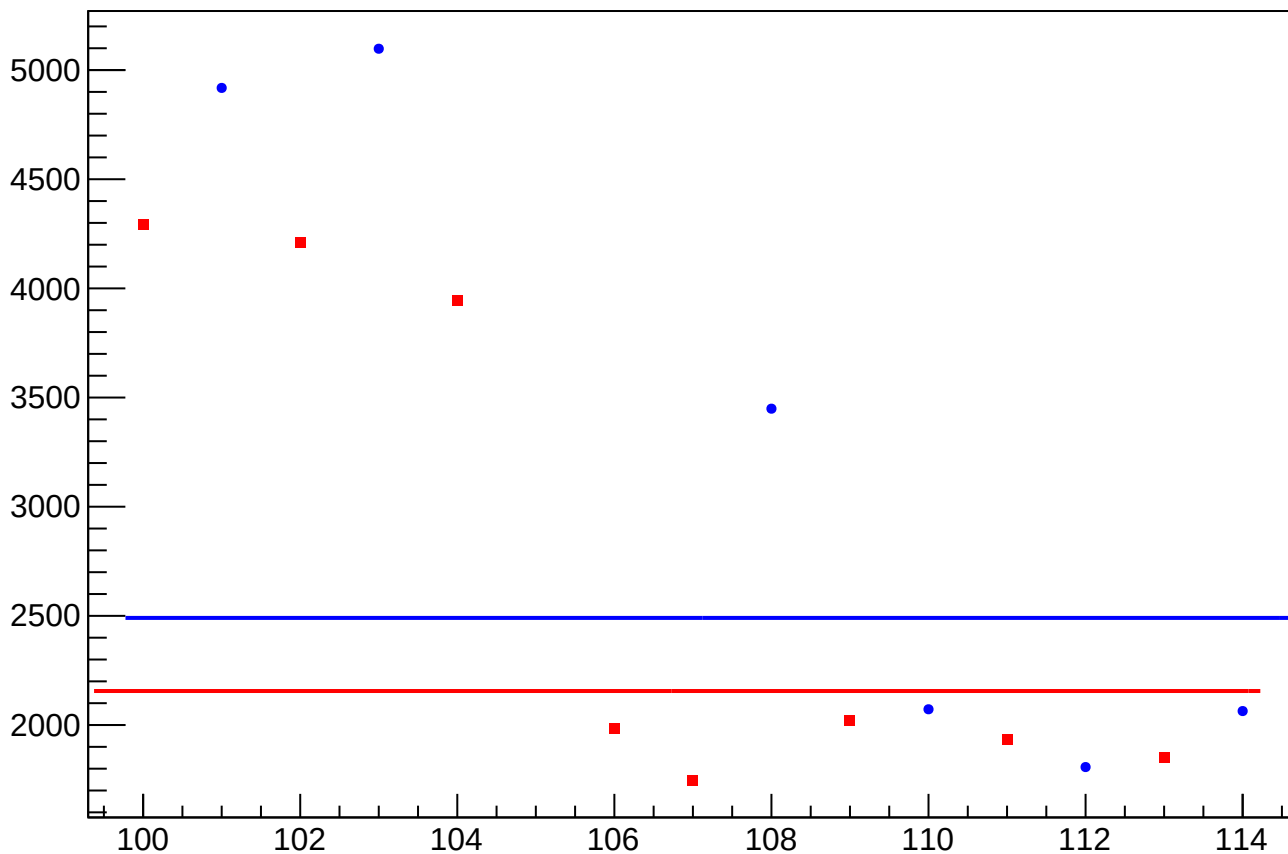
Right: 520.988+/-1028.456 χ^2/NDF : 16.6/13

In: 2246.413+/-1693.053 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.988+/-1028.456 χ^2/NDF : 16.6/13

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

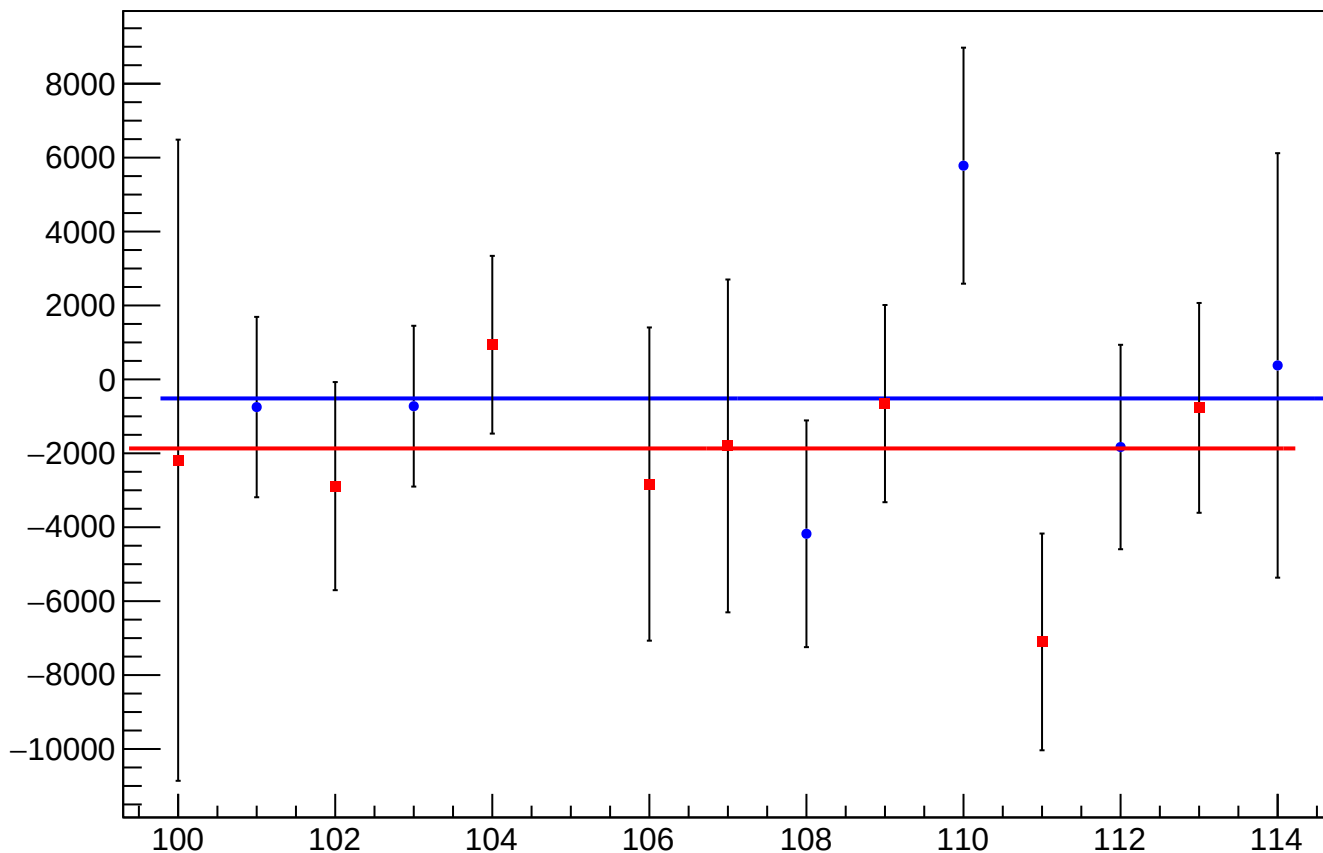
Right: 2279.325+/-0.727 χ^2/NDF : 1479903.5/13

In: 2490.610+/-1.197 χ^2/NDF : 851448.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2279.325+/-0.727 χ^2/NDF : 1479903.5/13

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

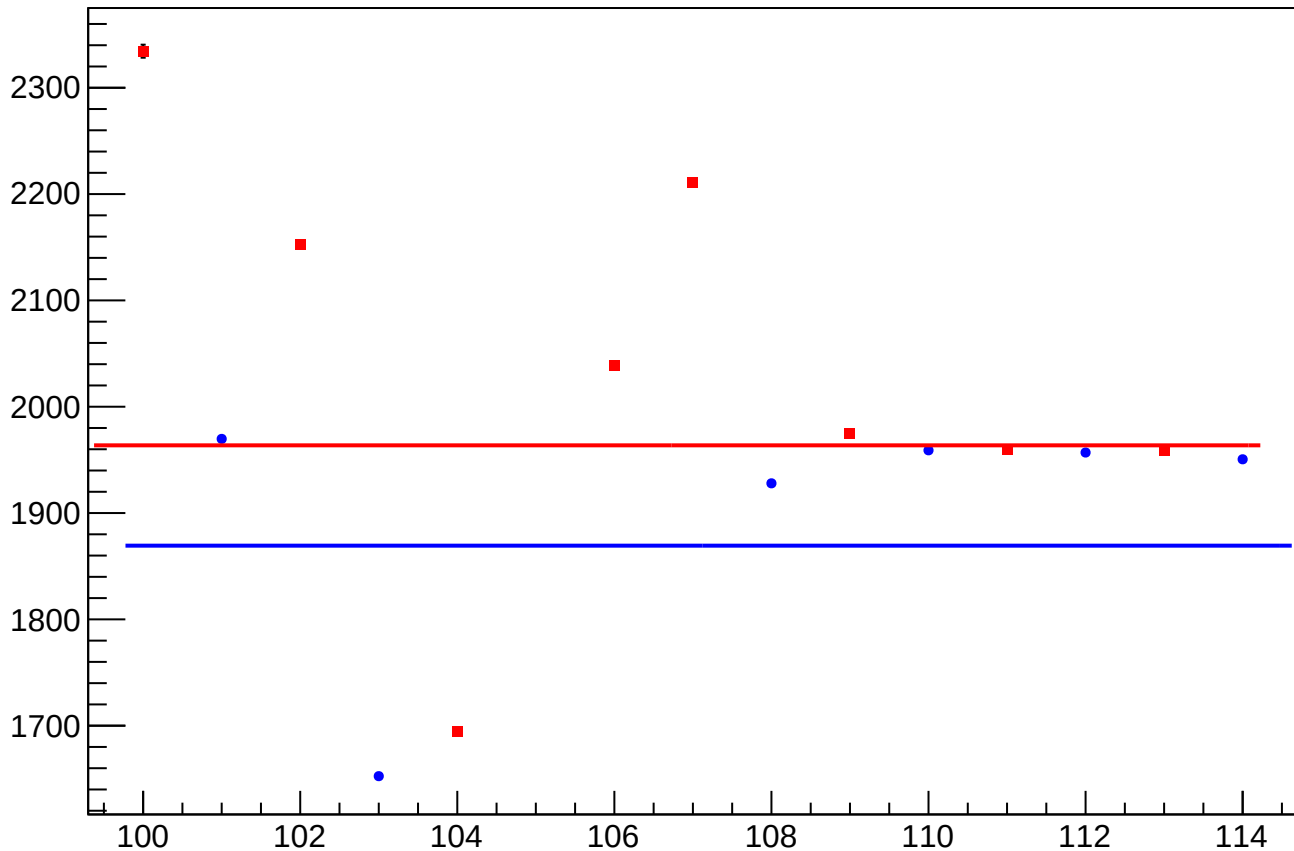
Right: -1215.294+/-804.991 χ^2/NDF : 11.4/13

In: -515.186+/-1158.738 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1215.294+/-804.991 χ^2/NDF : 11.4/13

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

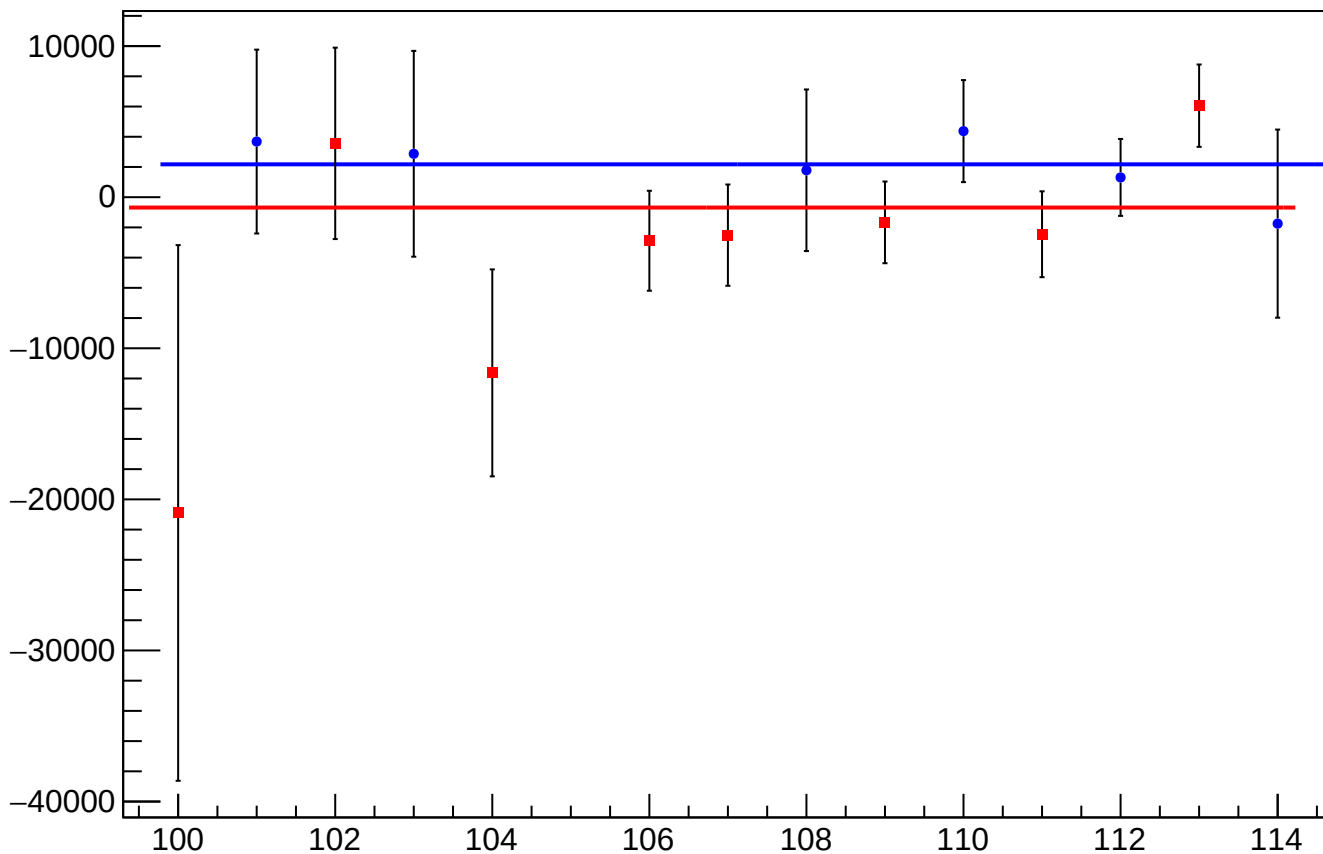
Right: 1918.468+/-0.567 χ^2/NDF : 79318.1/13

In: 1869.322+/-0.819 χ^2/NDF : 27969.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.468+/-0.567 χ^2/NDF : 79318.1/13

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2174.912 $\pm$ 1687.280 χ^2 /NDF: 1.0/5

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

Right Out: -686.367 $\pm$ 1264.725 χ^2 /NDF: 11.7/7

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

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

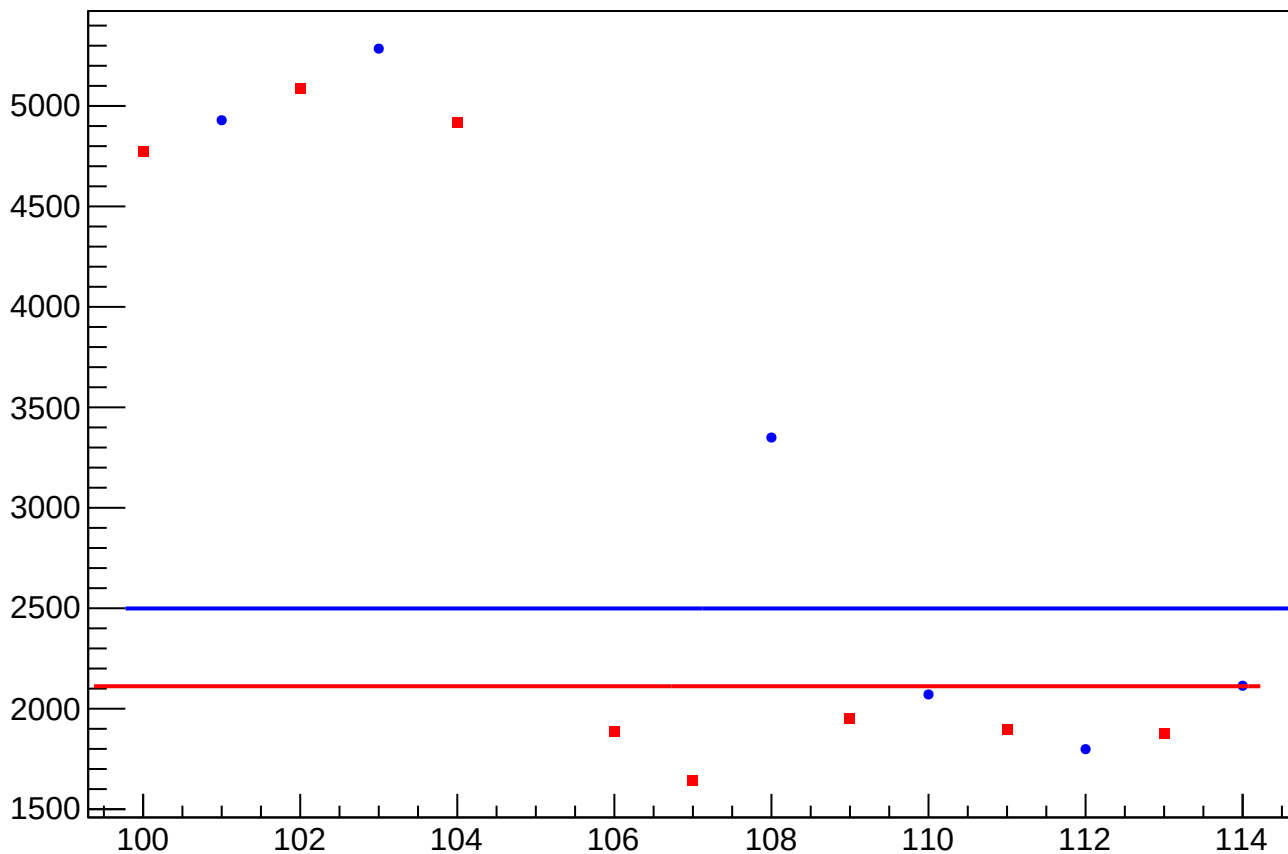
Right: 342.928 $\pm$ 1011.992 χ^2 /NDF: 14.5/13

In: 2174.912 $\pm$ 1687.280 χ^2 /NDF:1.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 342.928 $\pm$ 1011.992 χ^2 /NDF: 14.5/13

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

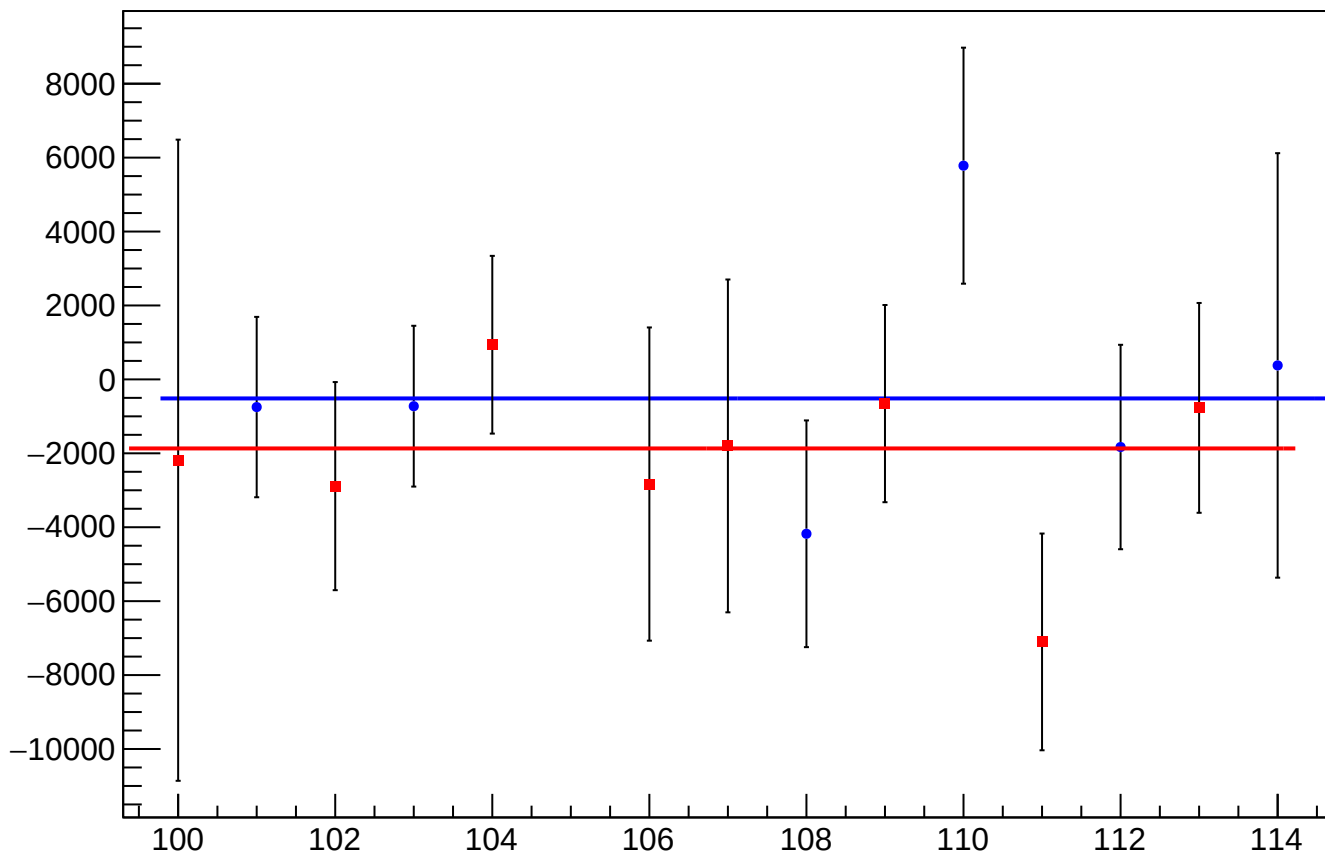
Right: 2251.140+/-0.716 χ^2/NDF : 1866264.3/13

In: 2499.027+/-1.193 χ^2/NDF :895270.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2251.140+/-0.716 χ^2/NDF : 1866264.3/13

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

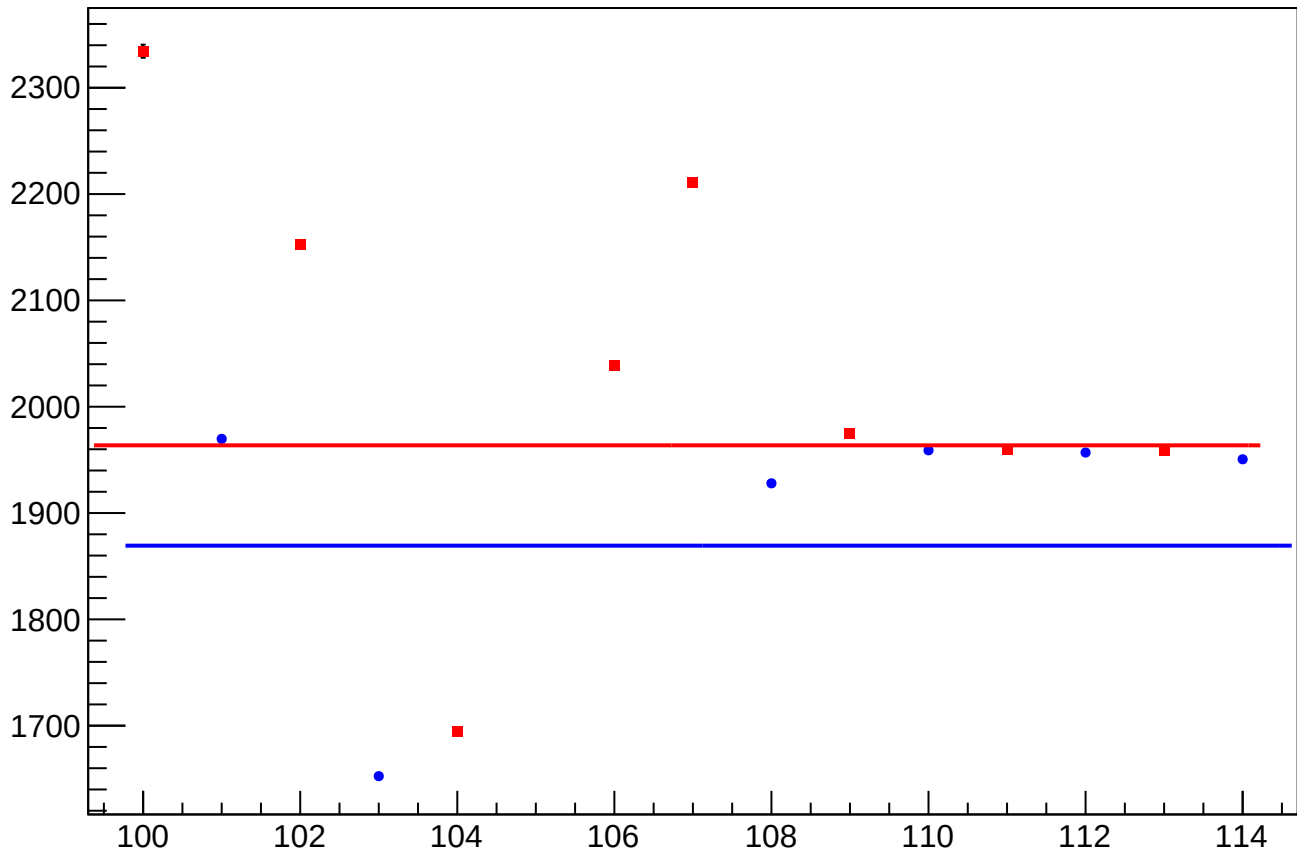
Right: -1215.303+/-804.990 χ^2/NDF : 11.4/13

In: -515.195+/-1158.737 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1215.303+/-804.990 χ^2/NDF : 11.4/13

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

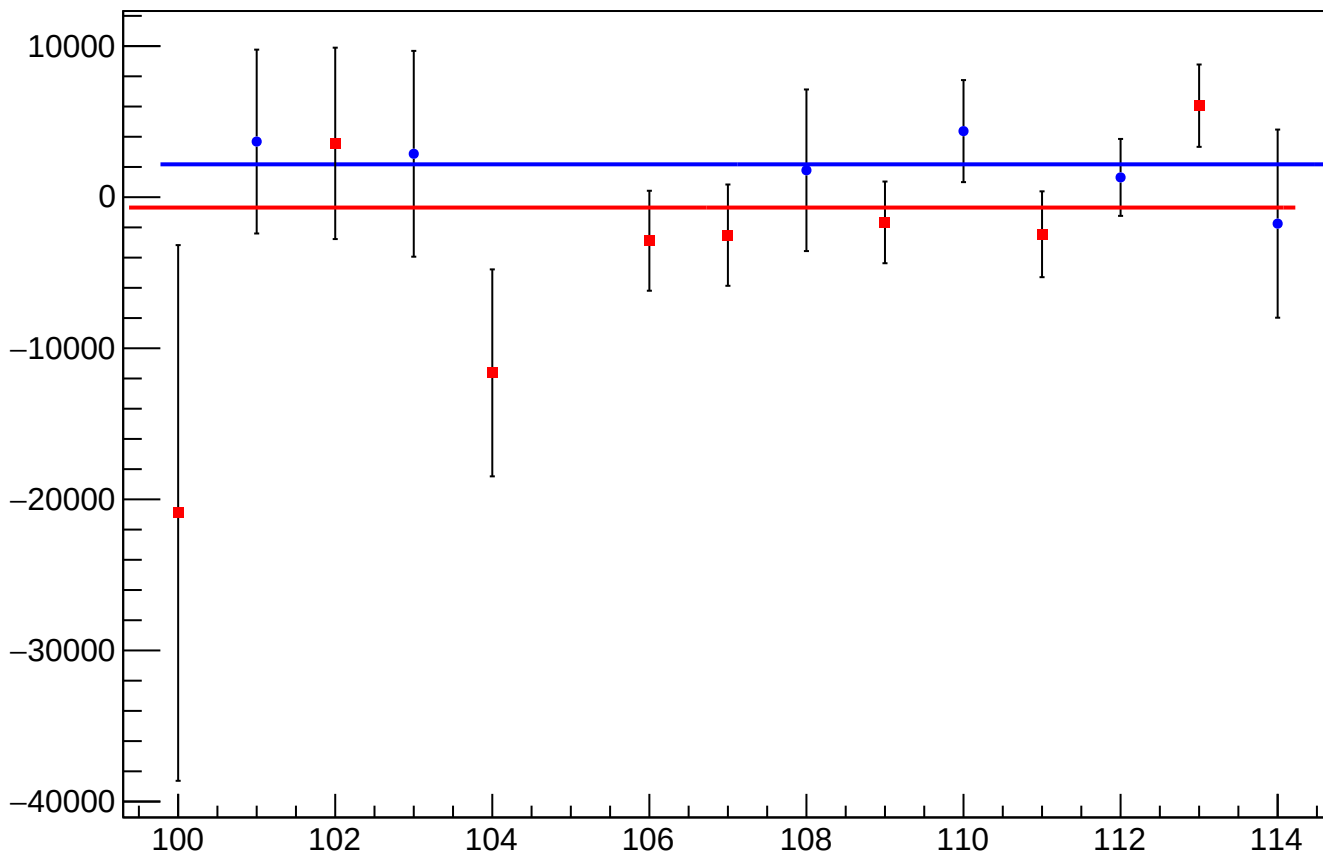
Right: 1918.468+/-0.567 χ^2/NDF : 79318.6/13

In: 1869.322+/-0.819 χ^2/NDF : 27969.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.468+/-0.567 χ^2/NDF : 79318.6/13

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

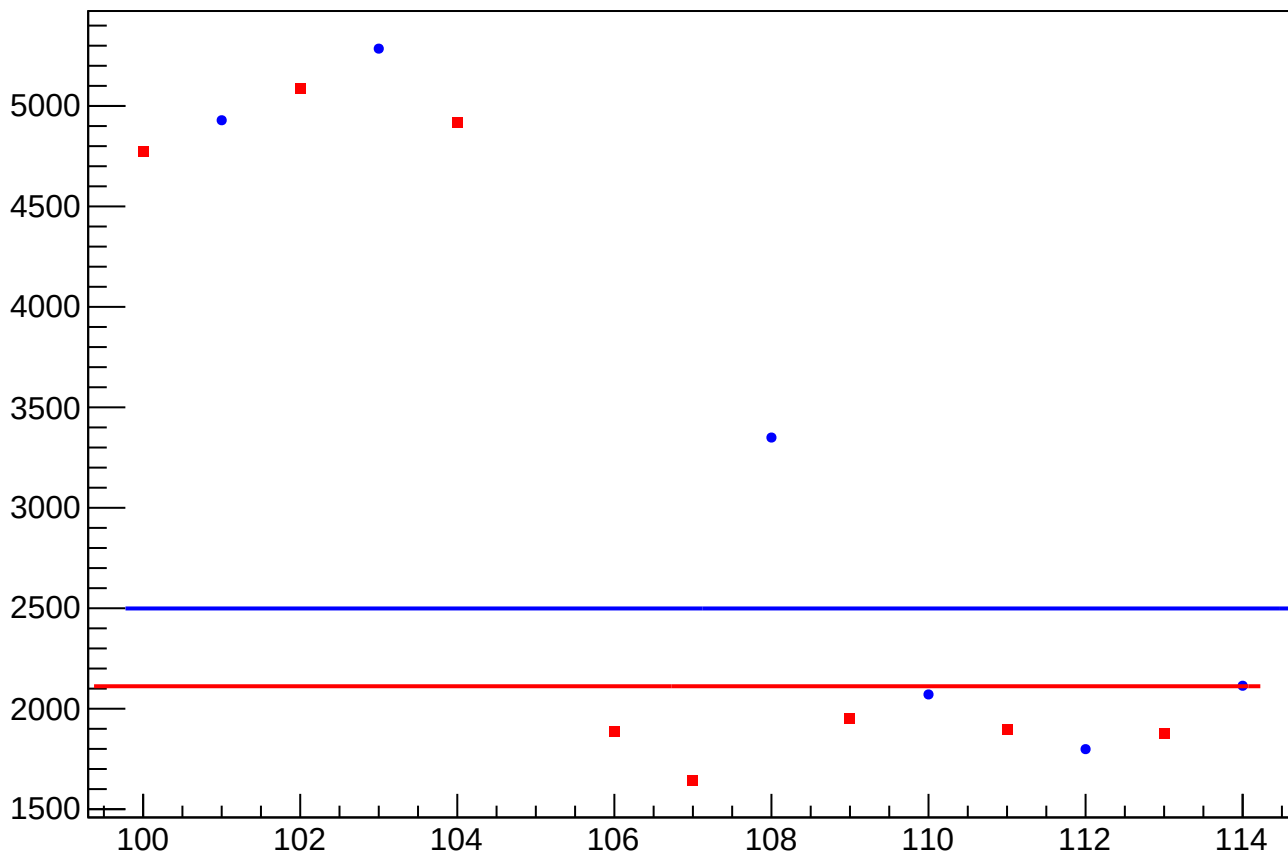
Right: 342.925+/-1011.988 χ^2/NDF : 14.5/13

In: 2174.899+/-1687.273 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.925+/-1011.988 χ^2/NDF : 14.5/13

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2499.016+/-1.193 χ^2/NDF : 895275.3/5

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

Right Out: 2111.858+/-0.894 χ^2/NDF : 903577.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

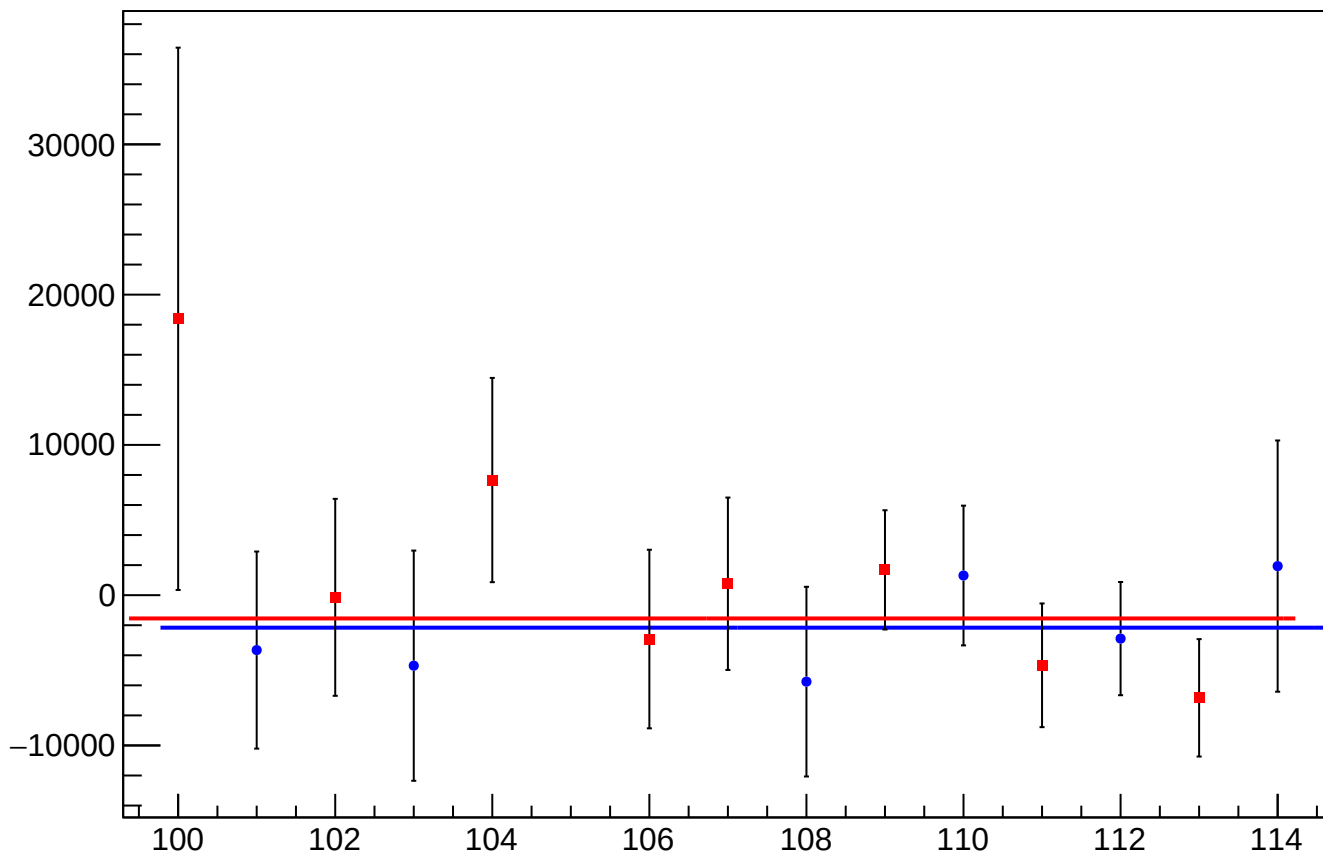
Right: 2251.132+/-0.716 χ^2/NDF : 1866273.5/13

In: 2499.016+/-1.193 χ^2/NDF :895275.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2251.132+/-0.716 χ^2/NDF : 1866273.5/13

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

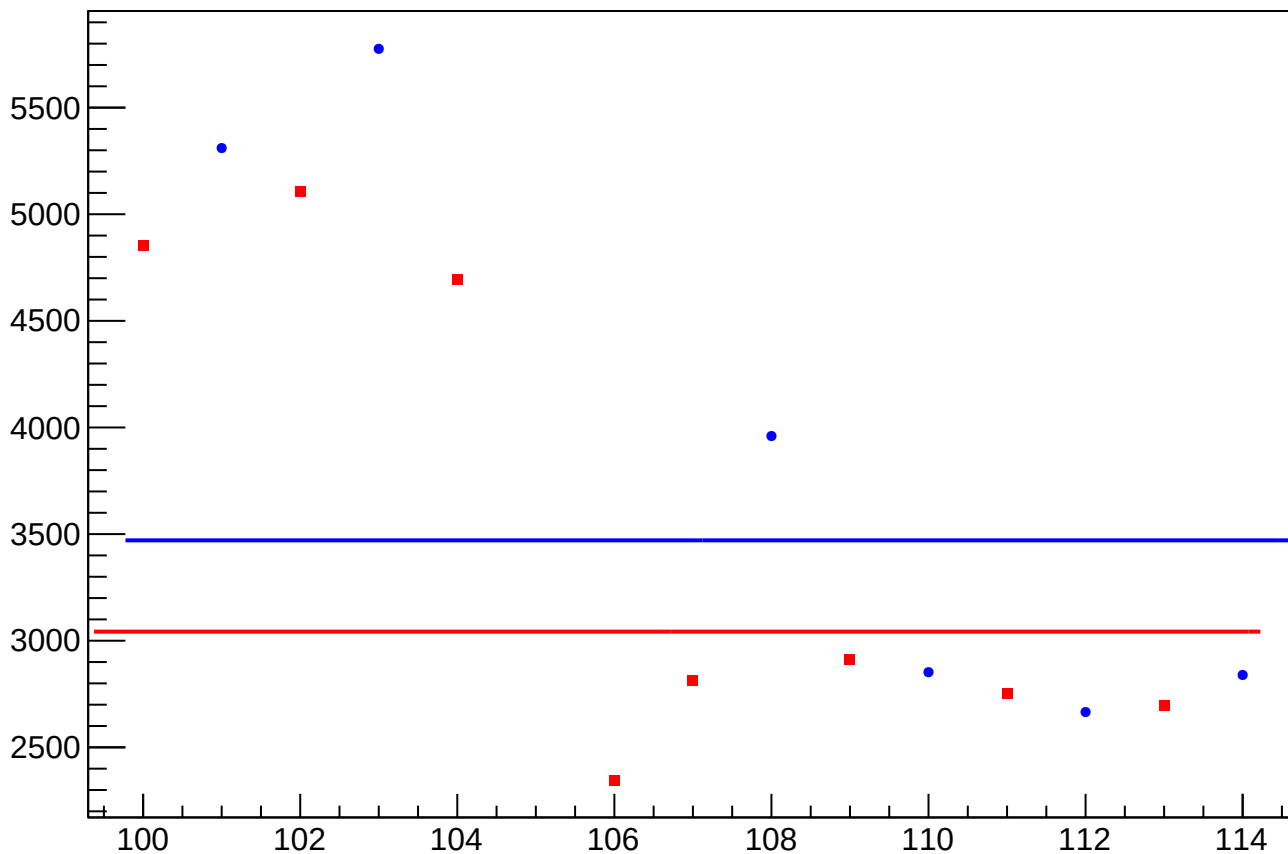
Right: -1793.661 $\pm$ 1426.857 χ^2 /NDF: 7.7/13

In: -2162.202 $\pm$ 2256.510 χ^2 /NDF: 1.3/5

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

All: -1793.661 $\pm$ 1426.857 χ^2 /NDF: 7.7/13

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3470.703+/-1.596 χ^2/NDF : 488569.9/5

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

Right Out: 3042.622+/-1.259 χ^2/NDF : 415508.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

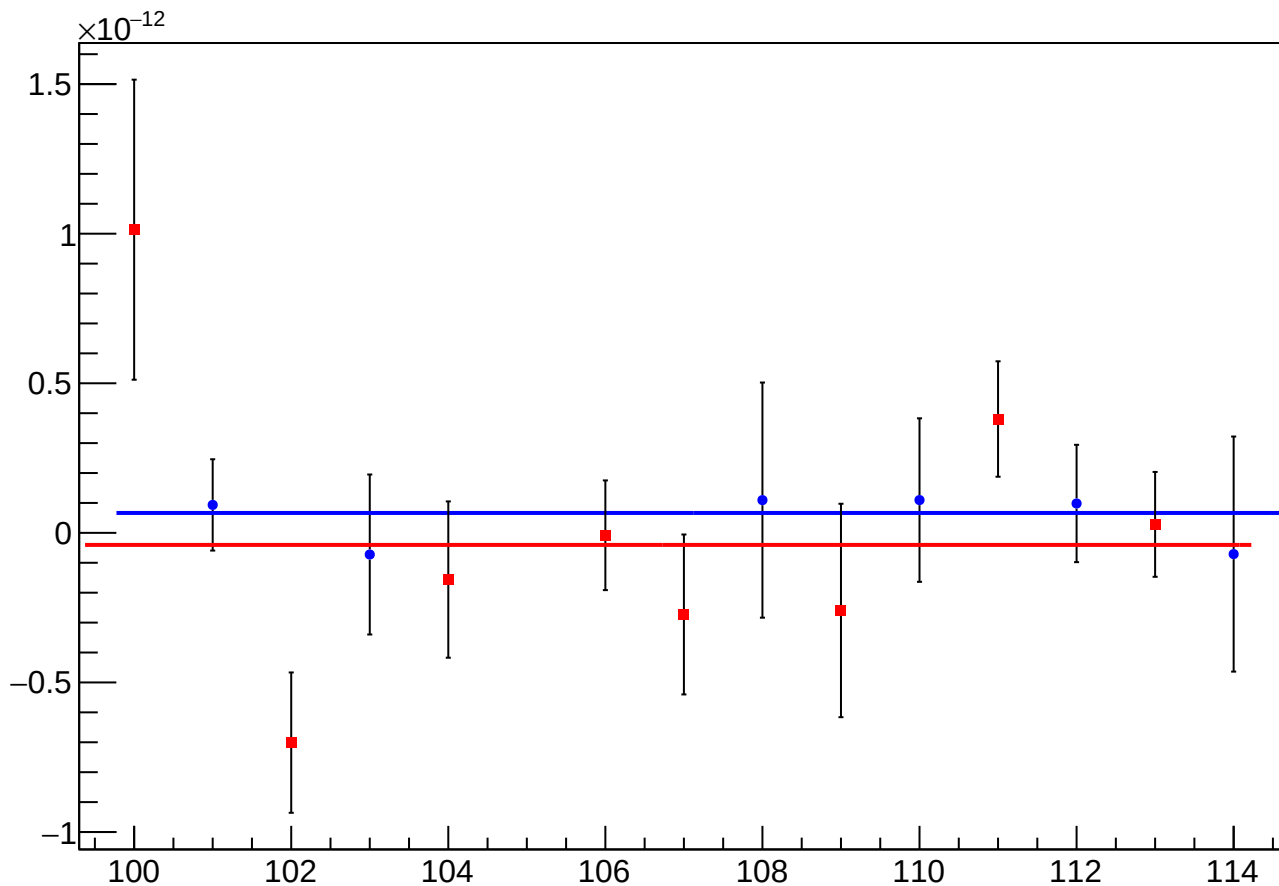
Right: 3206.865+/-0.988 χ^2/NDF : 948441.6/13

In: 3470.703+/-1.596 χ^2/NDF : 488569.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3206.865+/-0.988 χ^2/NDF : 948441.6/13

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/5

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

Right Out: -0.000+/-0.000 χ^2/NDF : 18.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

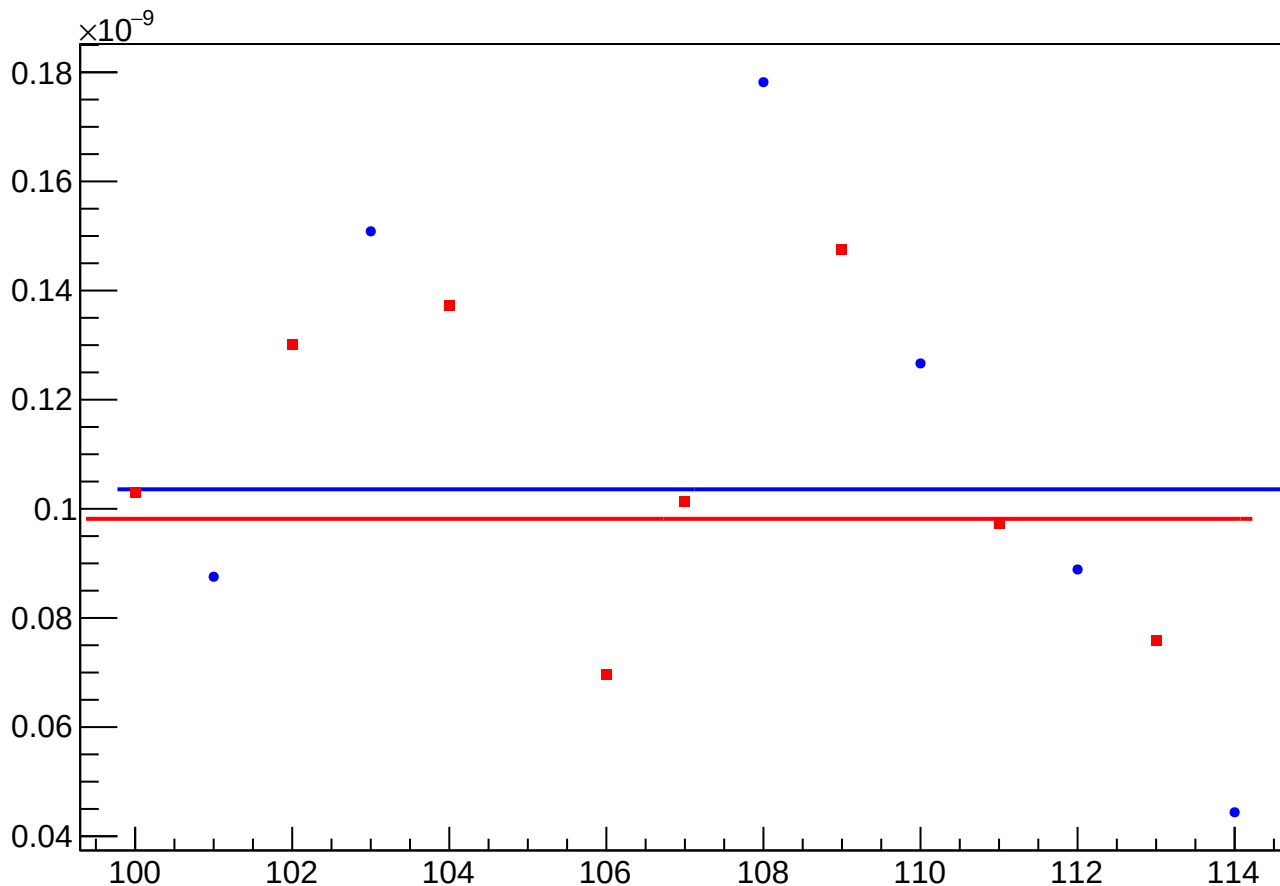
Right: 0.000+/-0.000 χ^2/NDF : 19.8/13

In: 0.000+/-0.000 χ^2/NDF : 0.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/13

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

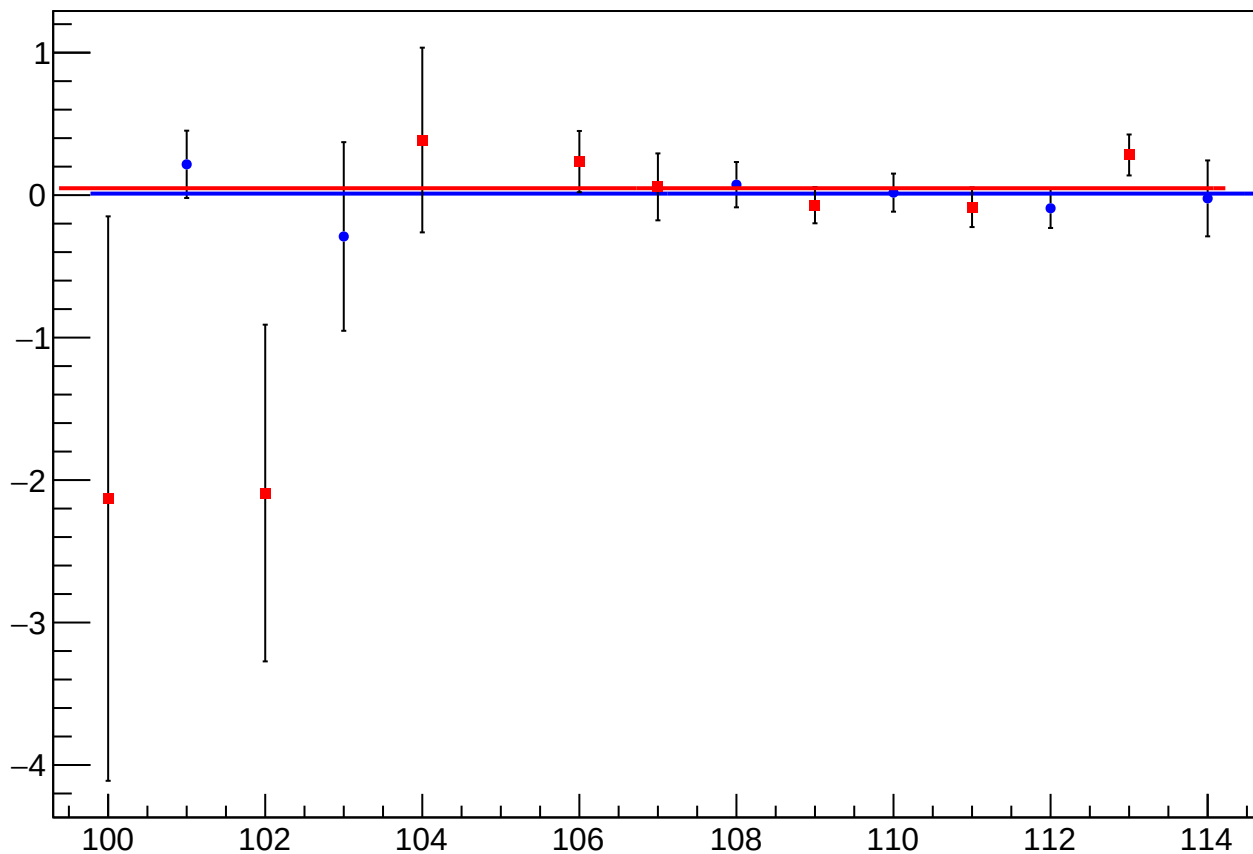
Right: 0.000+/-0.000 χ^2/NDF : 432764.1/13

In: 0.000+/-0.000 χ^2/NDF : 227525.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 432764.1/13

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.074 χ^2/NDF : 1.7/5

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

Right Out: 0.048+/-0.070 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

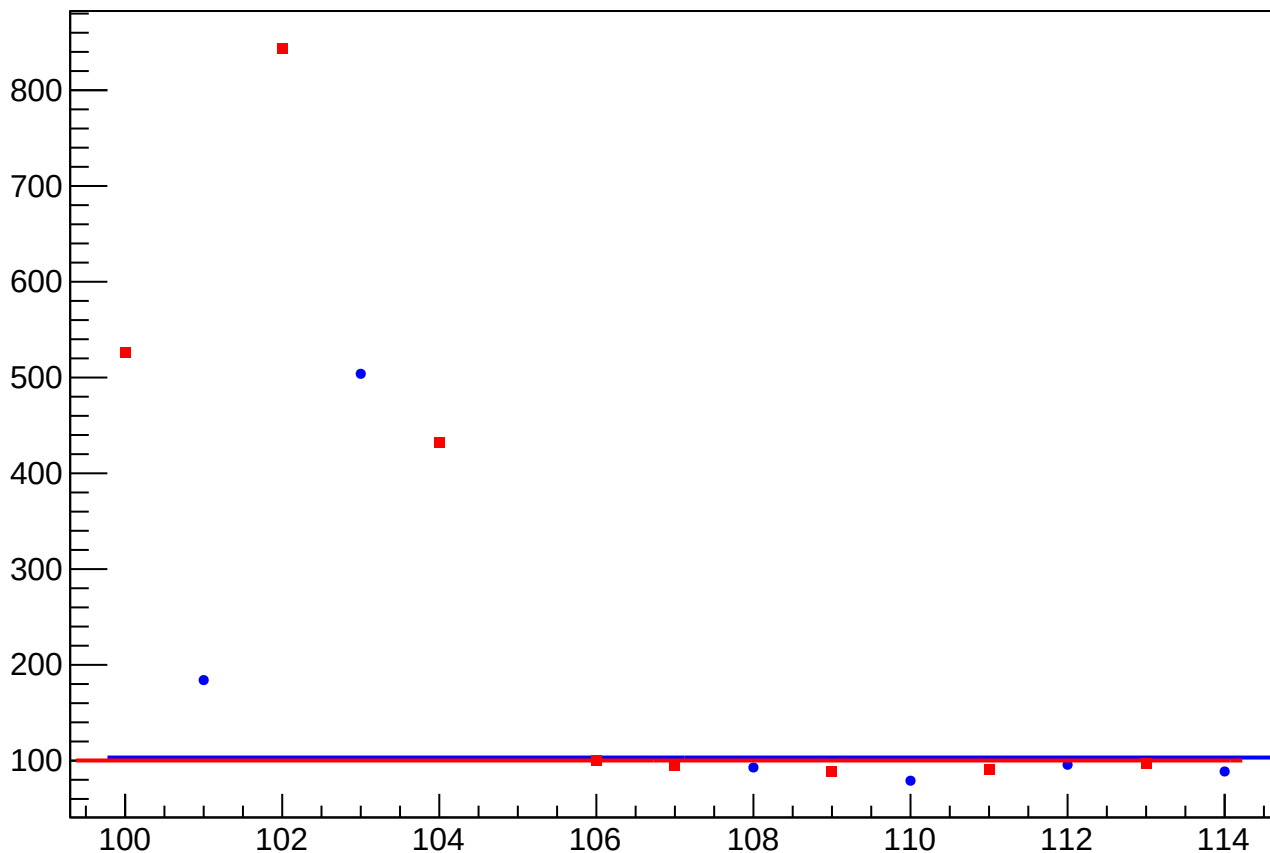
Right: 0.031+/-0.051 χ^2/NDF : 11.8/13

In: 0.011+/-0.074 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.051 χ^2/NDF : 11.8/13

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

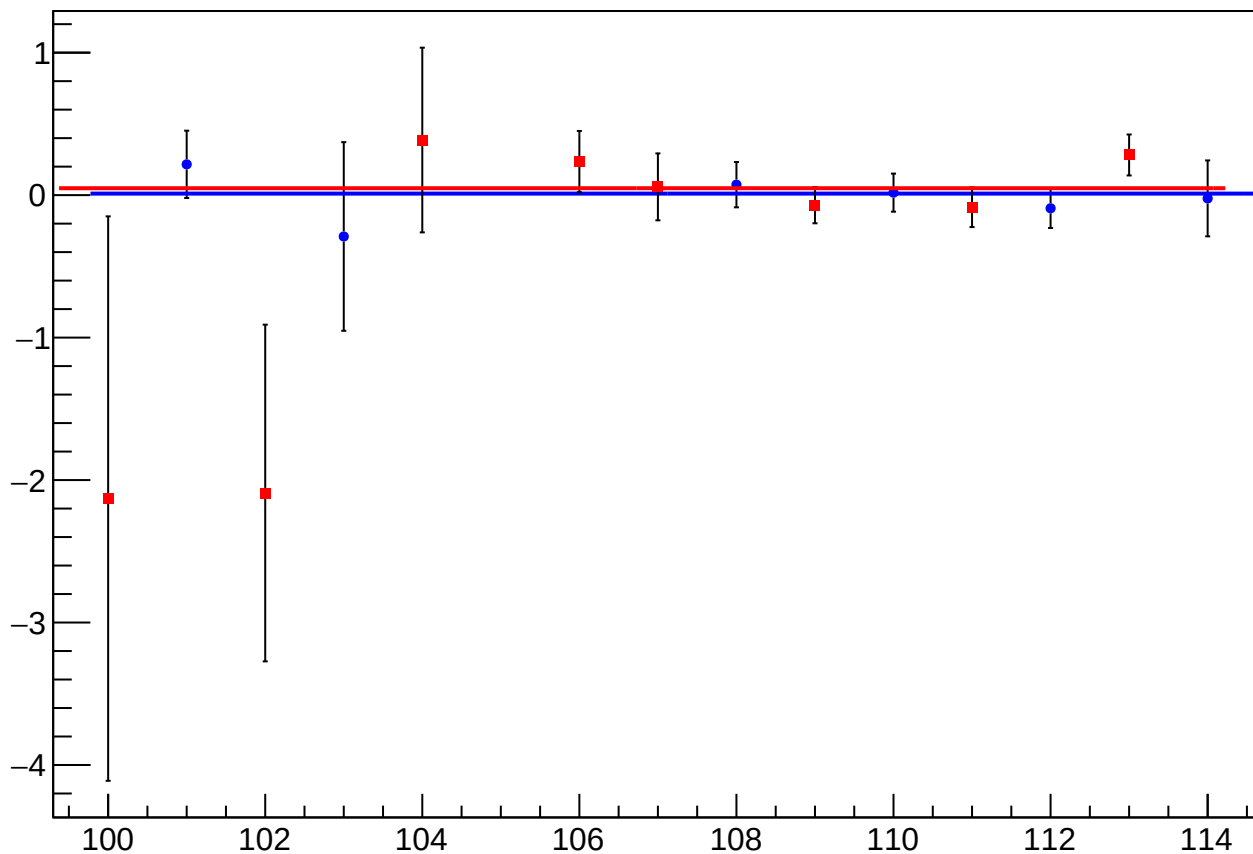
Right: 101.611+/-0.036 χ^2/NDF : 2490604.8/13

In: 103.240+/-0.052 χ^2/NDF : 1052692.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.611+/-0.036 χ^2/NDF : 2490604.8/13

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.074 χ^2/NDF : 1.7/5

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

Right Out: 0.048+/-0.070 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

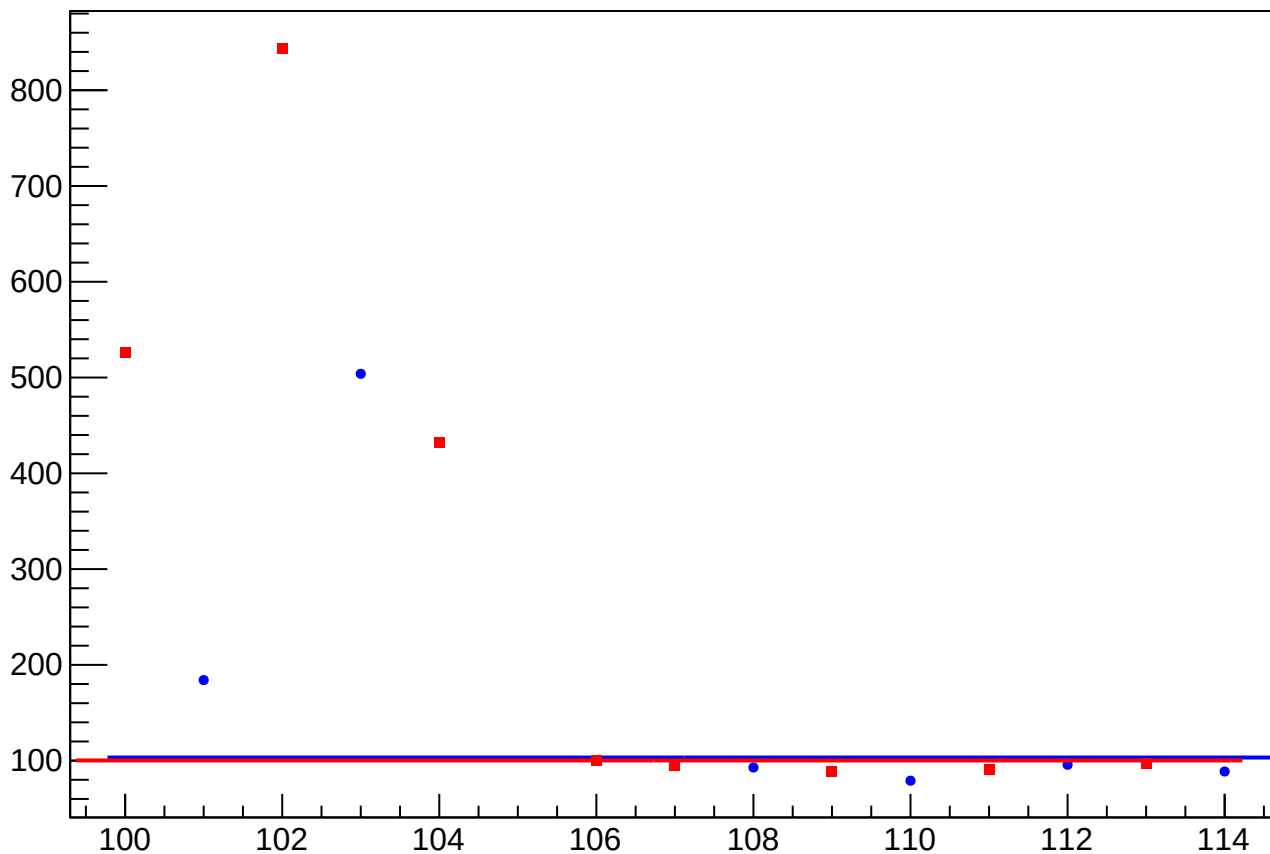
Right: 0.031+/-0.051 χ^2/NDF : 11.8/13

In: 0.011+/-0.074 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.051 χ^2/NDF : 11.8/13

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

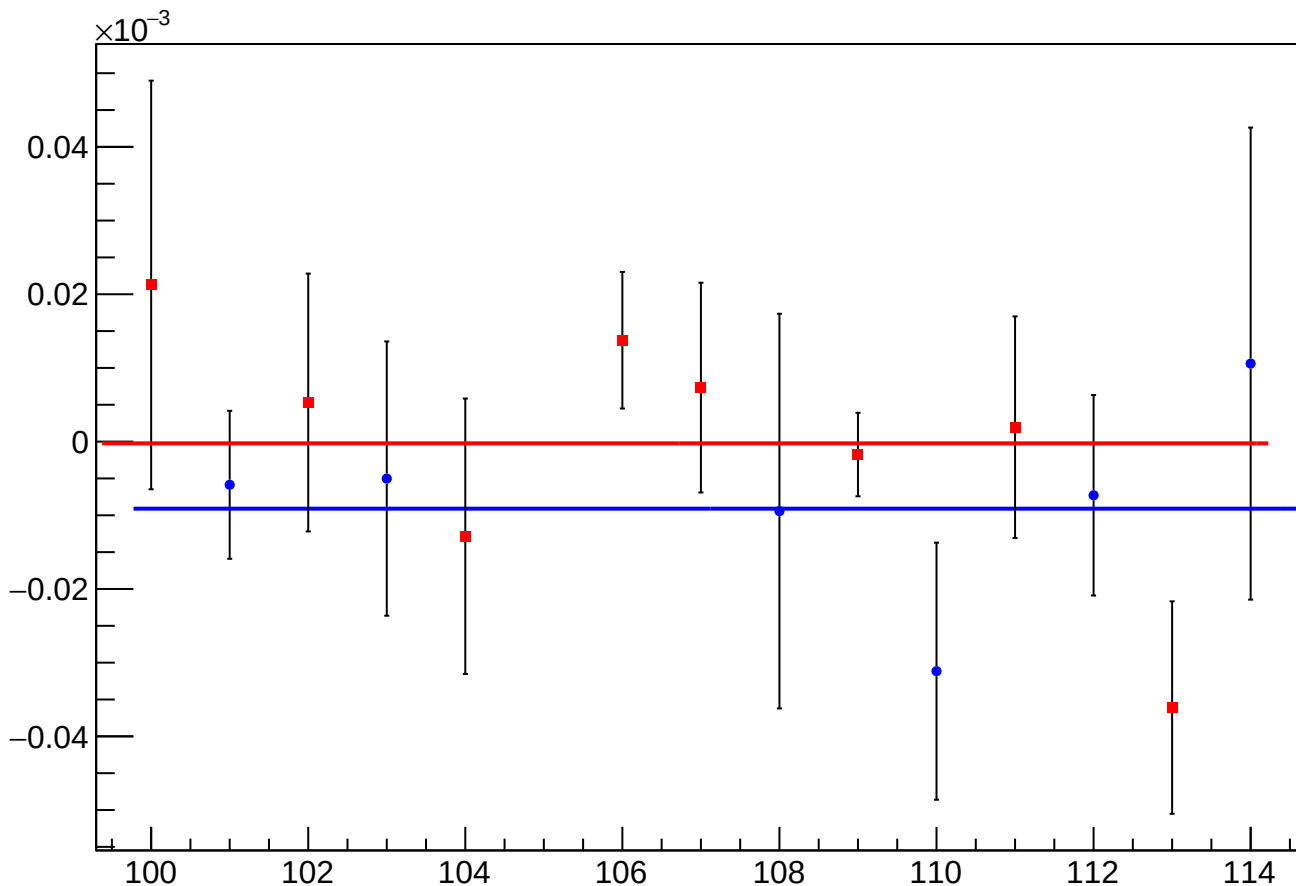
Right: 101.611+/-0.036 χ^2/NDF : 2490604.8/13

In: 103.240+/-0.052 χ^2/NDF : 1052692.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.611+/-0.036 χ^2/NDF : 2490604.8/13

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

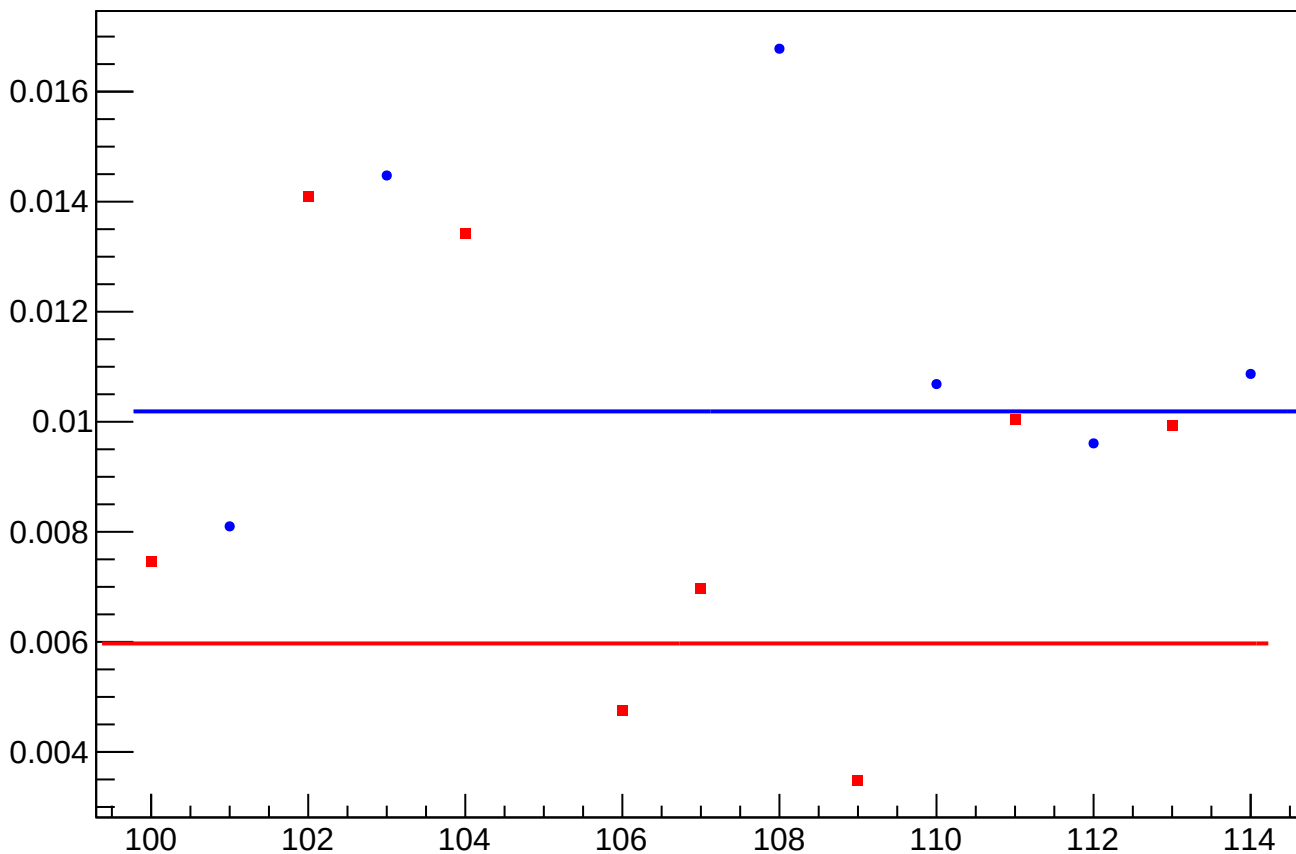
Right: -0.000+/-0.000 χ^2/NDF : 13.5/13

In: -0.000+/-0.000 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/13

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

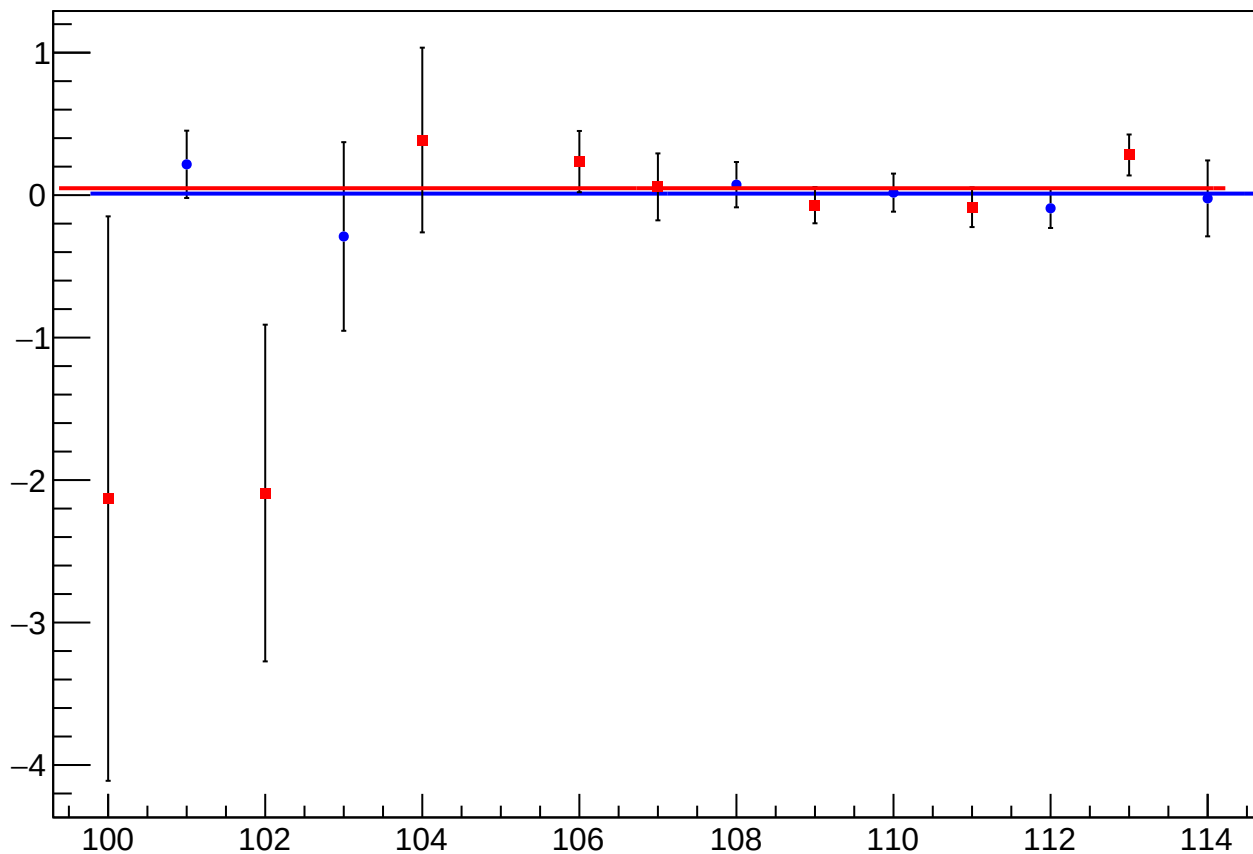
Right: 0.007+/-0.000 χ^2/NDF : 2423067.2/13

In: 0.010+/-0.000 χ^2/NDF : 320017.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2423067.2/13

asym_atl_dd_eigen_dit_vs_slug, Sign Corrected



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

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

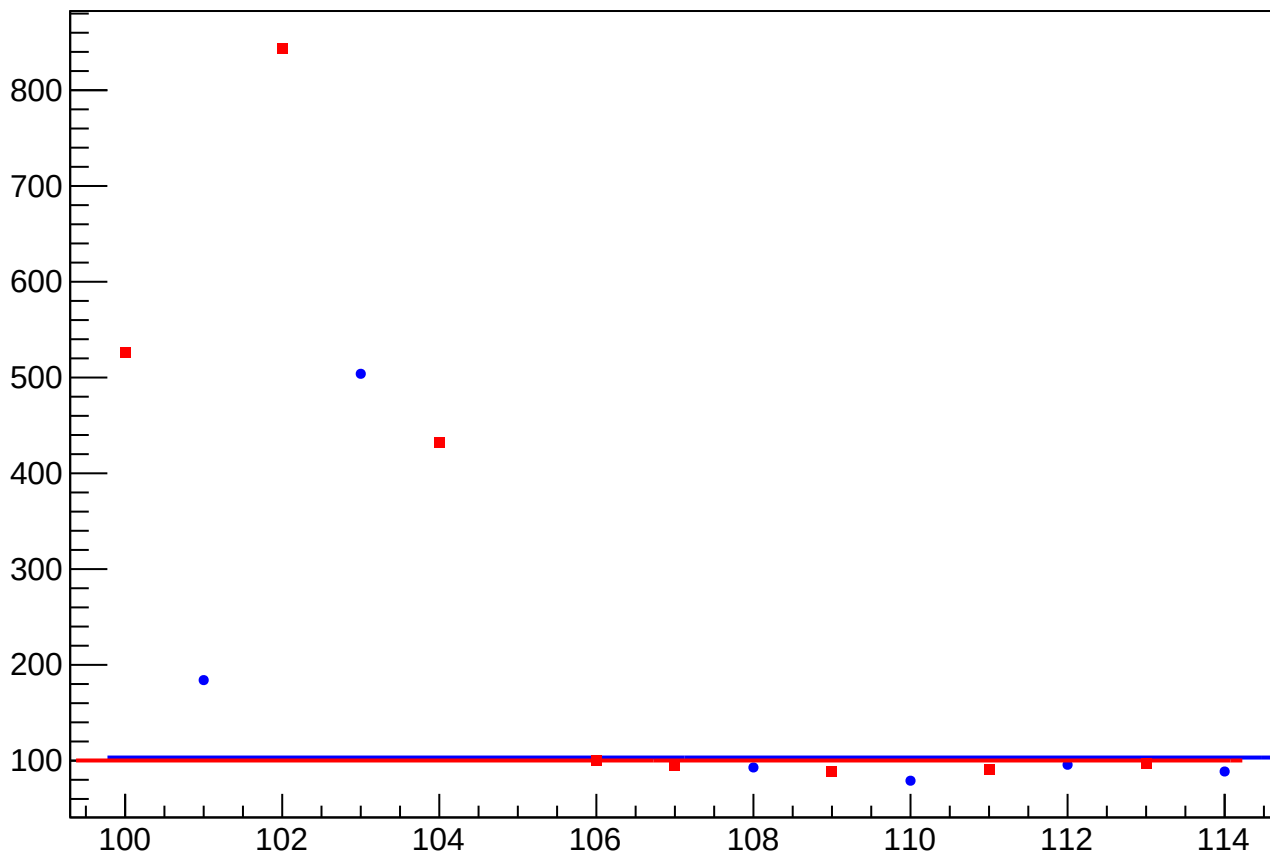
Right: 0.031 $\pm$ 0.051 χ^2 /NDF: 11.8/13

In: 0.011 $\pm$ 0.074 χ^2 /NDF:1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.031 $\pm$ 0.051 χ^2 /NDF: 11.8/13

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

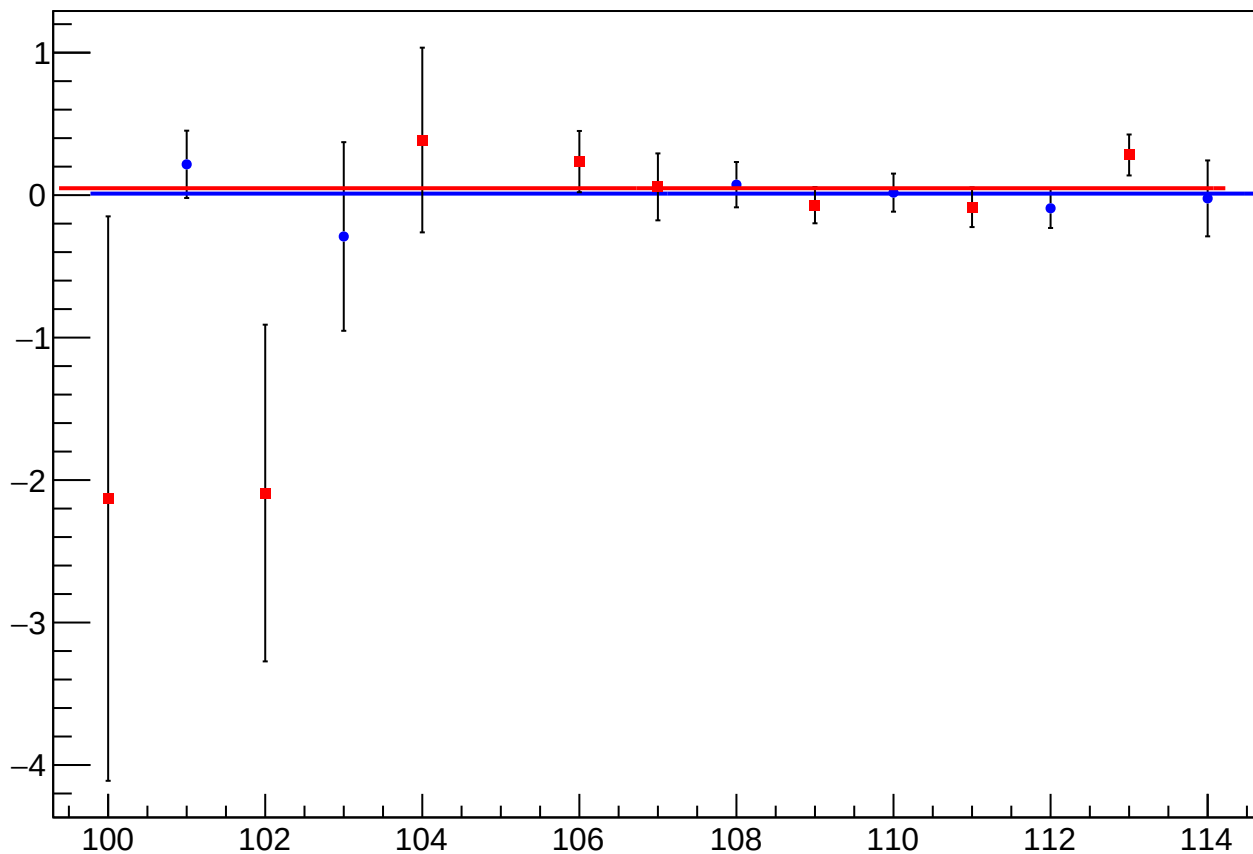
Right: 101.614+/-0.036 χ^2/NDF : 2490543.5/13

In: 103.243+/-0.052 χ^2/NDF : 1052649.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.614+/-0.036 χ^2/NDF : 2490543.5/13

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.074 χ^2/NDF : 1.7/5

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

Right Out: 0.048+/-0.070 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

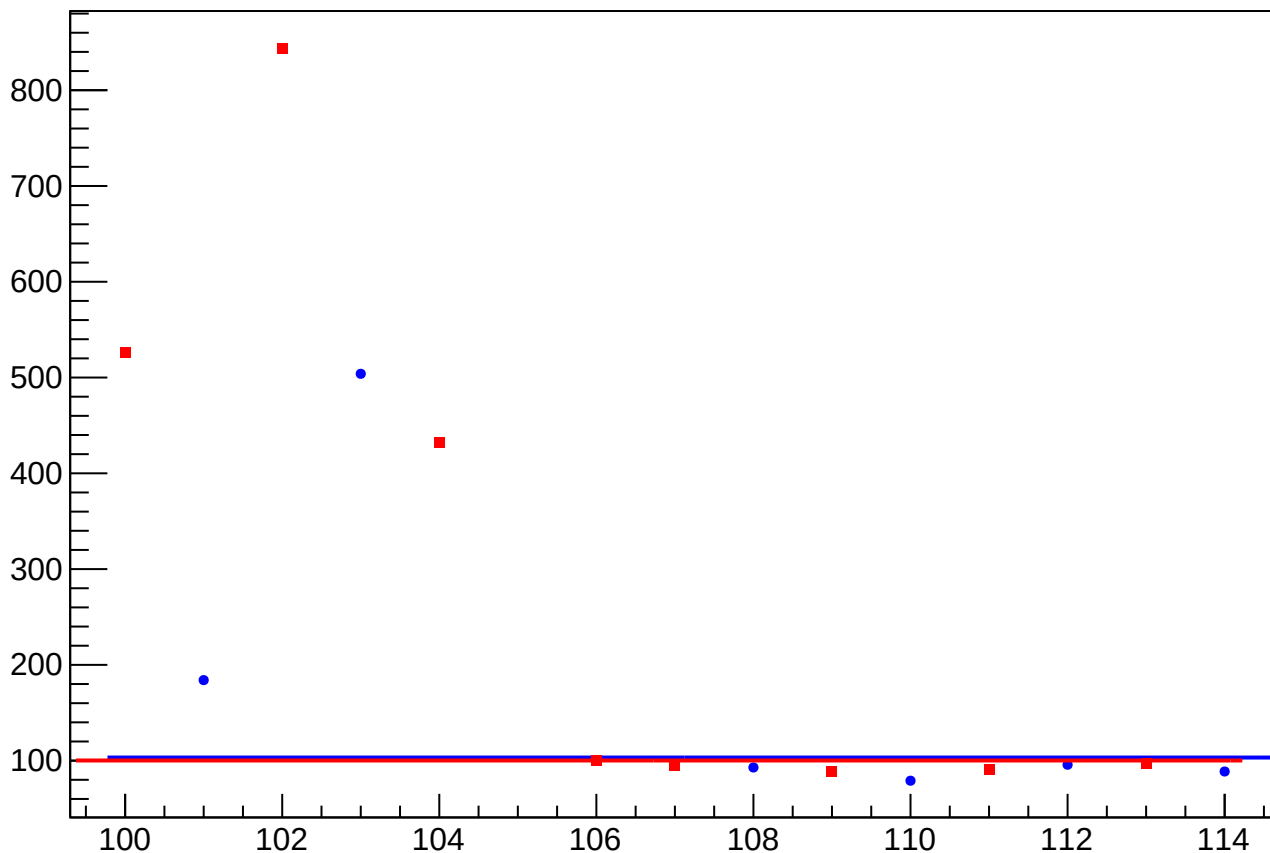
Right: 0.031+/-0.051 χ^2/NDF : 11.8/13

In: 0.011+/-0.074 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.051 χ^2/NDF : 11.8/13

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

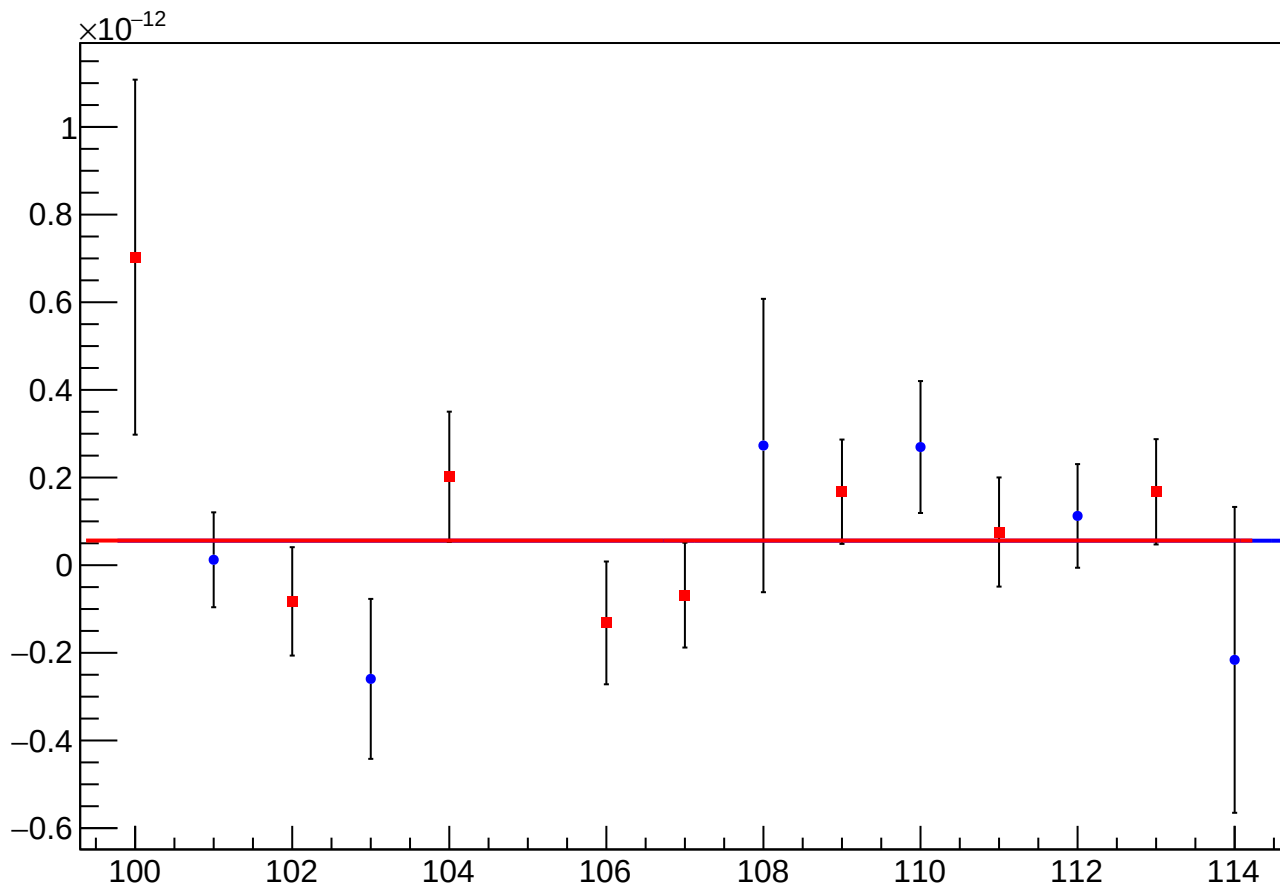
Right: 101.614+/-0.036 χ^2/NDF : 2490543.5/13

In: 103.243+/-0.052 χ^2/NDF : 1052649.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.614+/-0.036 χ^2/NDF : 2490543.5/13

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 9.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

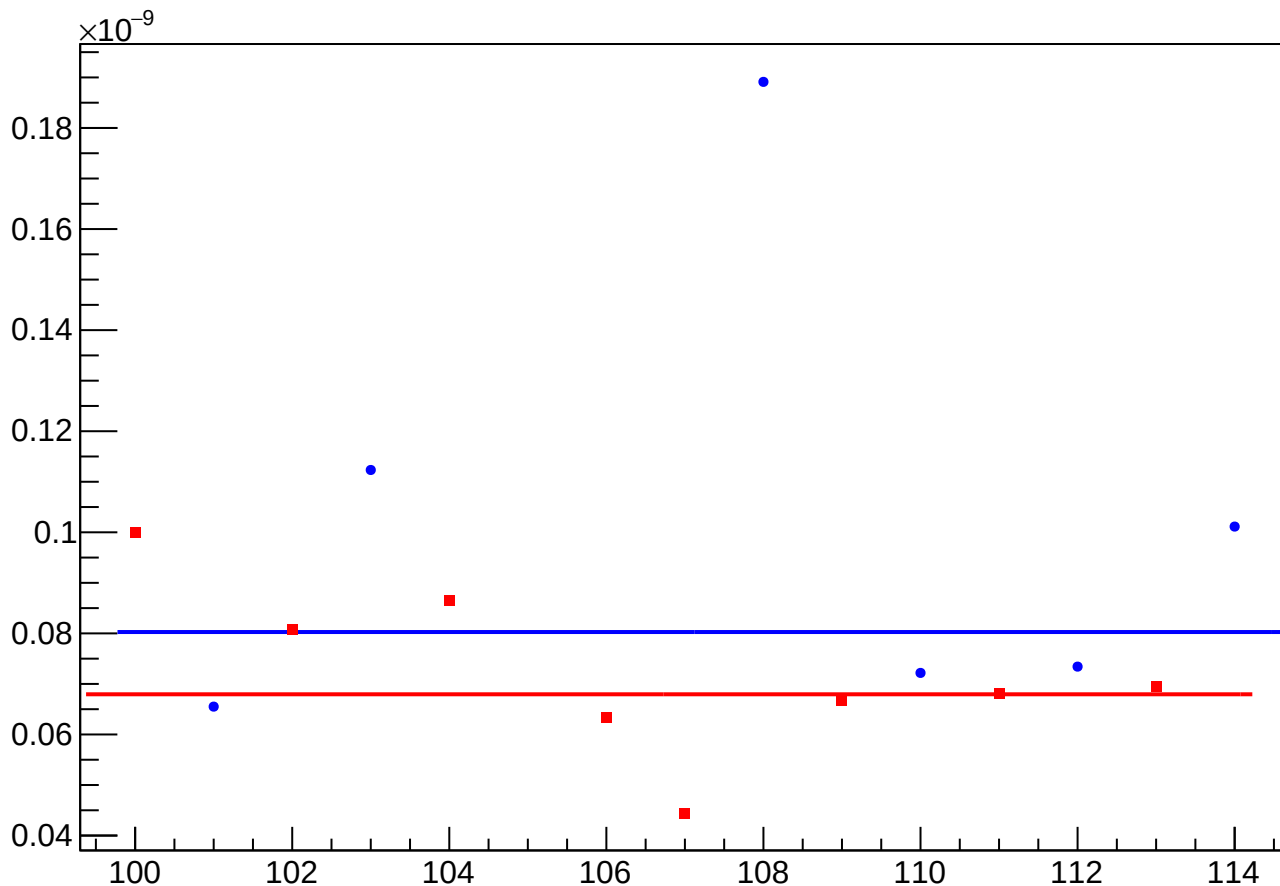
Right: 0.000+/-0.000 χ^2/NDF : 15.8/13

In: 0.000+/-0.000 χ^2/NDF : 6.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/13

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

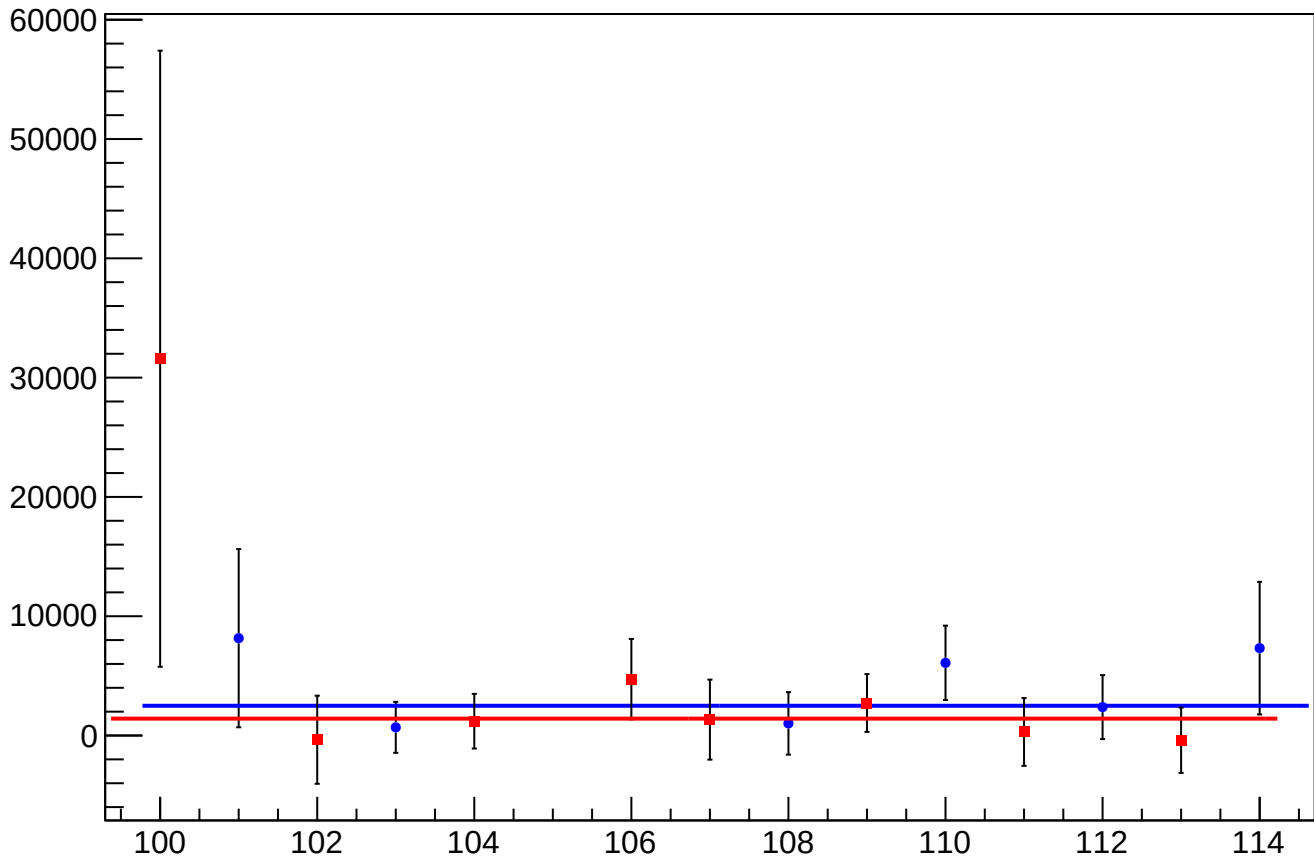
Right: 0.000+/-0.000 χ^2/NDF : 523479.9/13

In: 0.000+/-0.000 χ^2/NDF : 330060.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 523479.9/13

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2494.103+/-1233.307 χ^2/NDF : 3.7/5

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

Right Out: 1417.411+/-1072.056 χ^2/NDF : 3.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

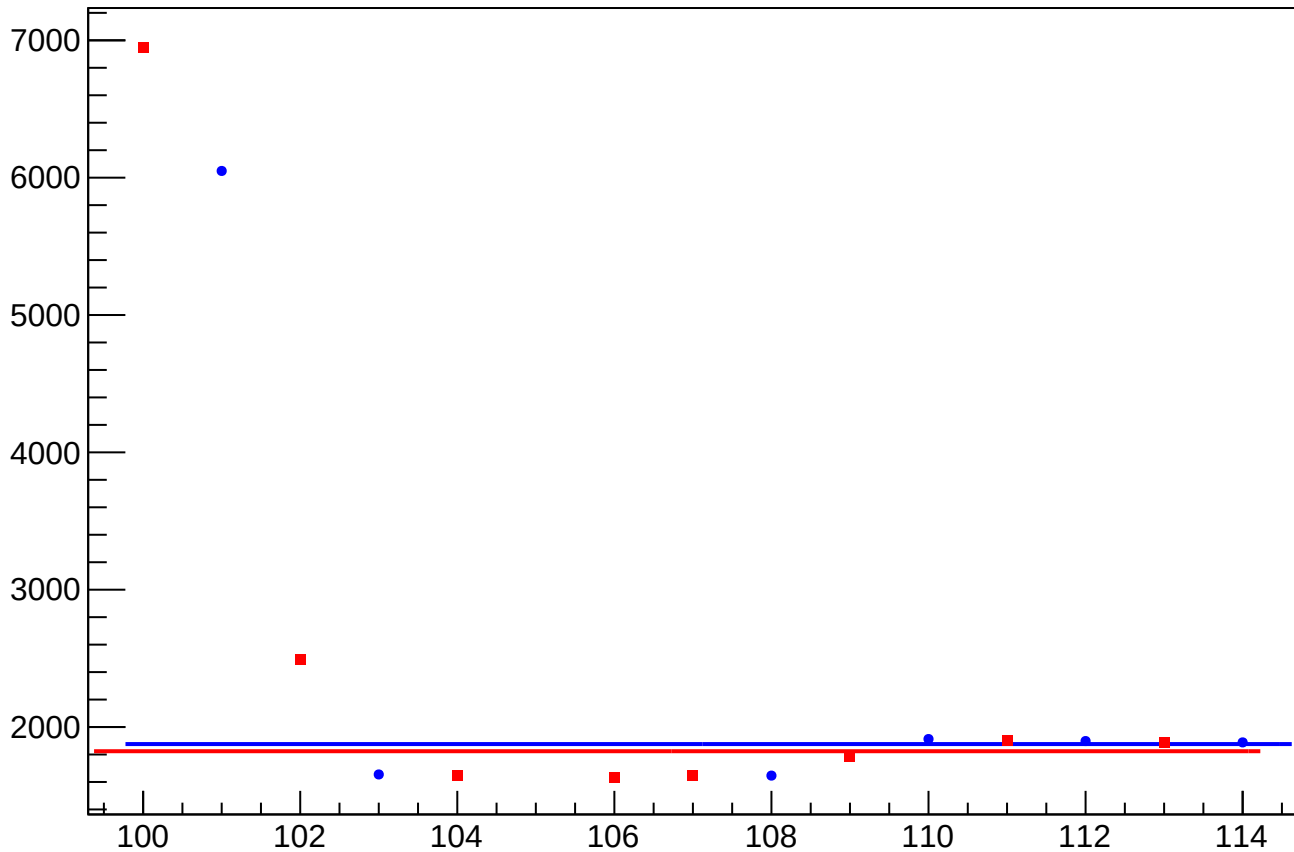
Right: 1880.814+/-809.105 χ^2/NDF : 7.6/13

In: 2494.103+/-1233.307 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.814+/-809.105 χ^2/NDF : 7.6/13

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1875.996+/-0.872 χ^2/NDF : 661618.6/5

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

Right Out: 1823.919+/-0.752 χ^2/NDF : 171538.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

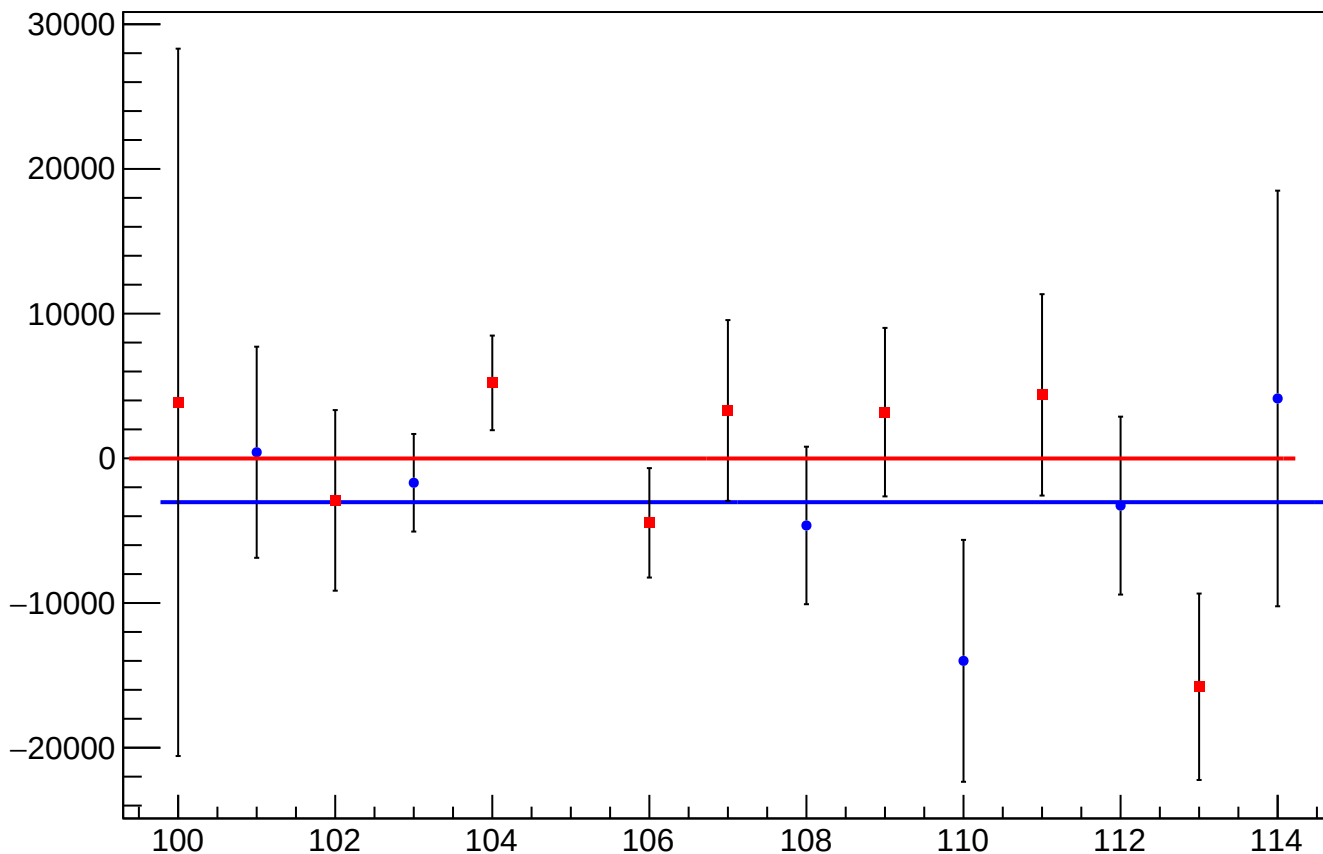
Right: 1846.132+/-0.570 χ^2/NDF : 835201.6/13

In: 1875.996+/-0.872 χ^2/NDF : 661618.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.132+/-0.570 χ^2/NDF : 835201.6/13

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3031.137+/-2318.372 χ^2/NDF : 2.4/5

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

Right Out: -11.474+/-1854.686 χ^2/NDF : 11.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

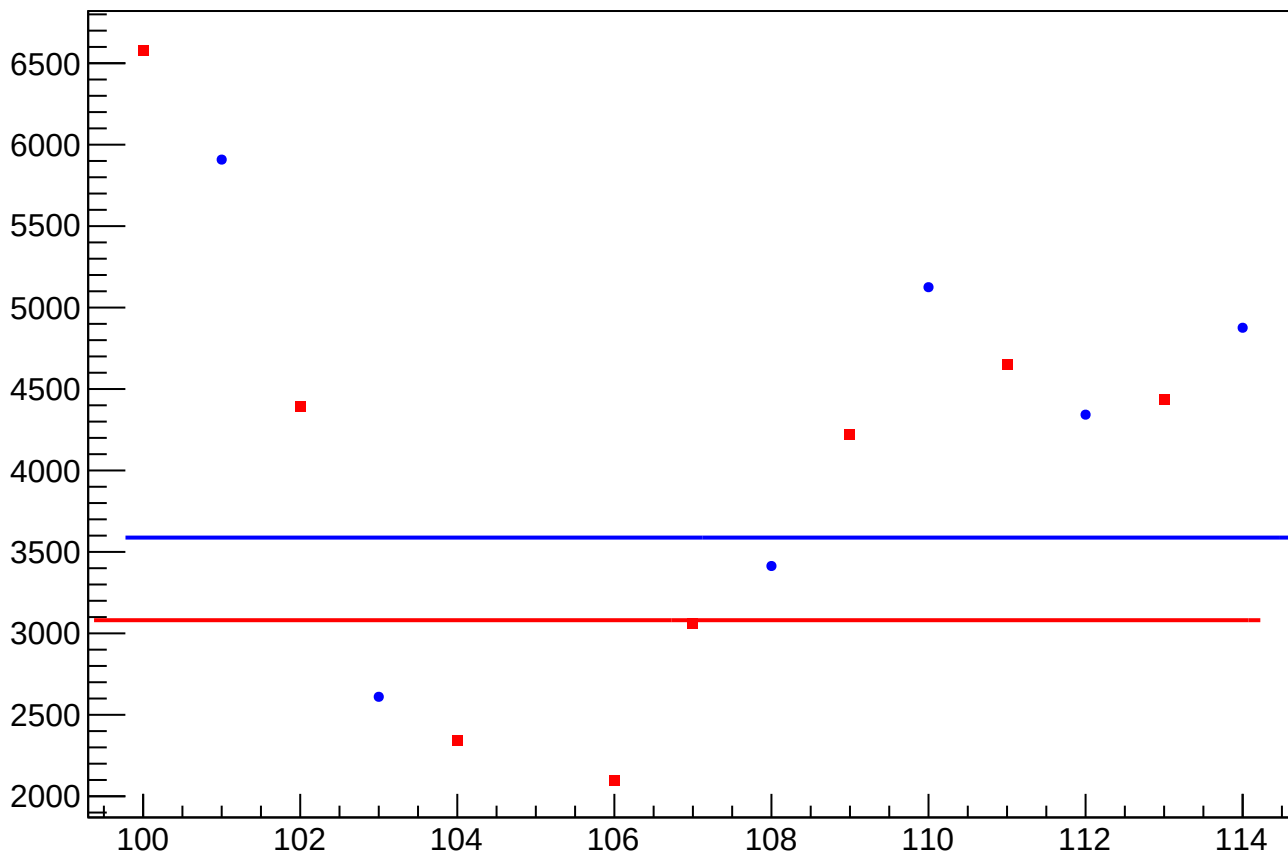
Right: -1189.870+/-1448.270 χ^2/NDF : 14.6/13

In: -3031.137+/-2318.372 χ^2/NDF : 2.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1189.870+/-1448.270 χ^2/NDF : 14.6/13

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

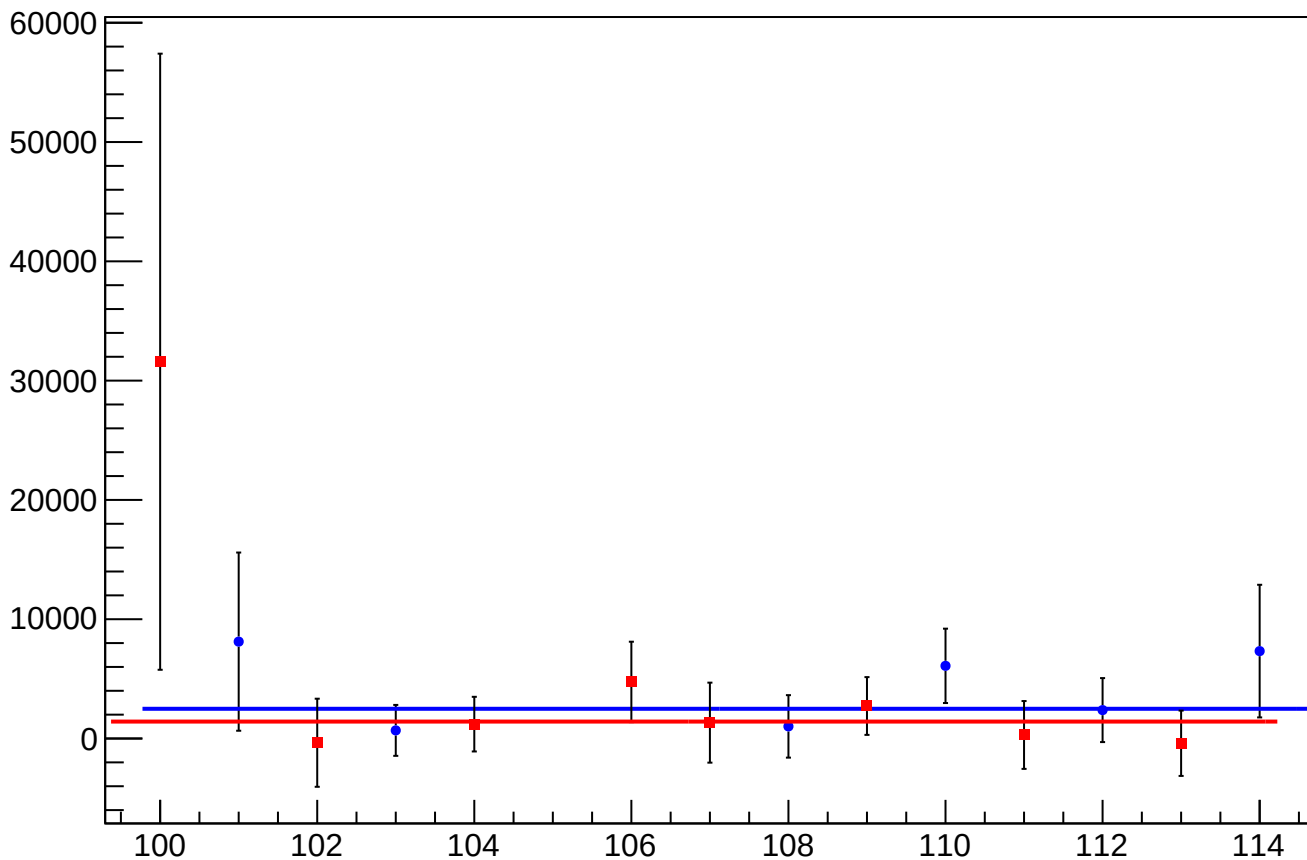
Right: 3278.734+/-1.024 χ^2/NDF : 1178579.8/13

In: 3587.980+/-1.639 χ^2/NDF : 486160.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3278.734+/-1.024 χ^2/NDF : 1178579.8/13

cor_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

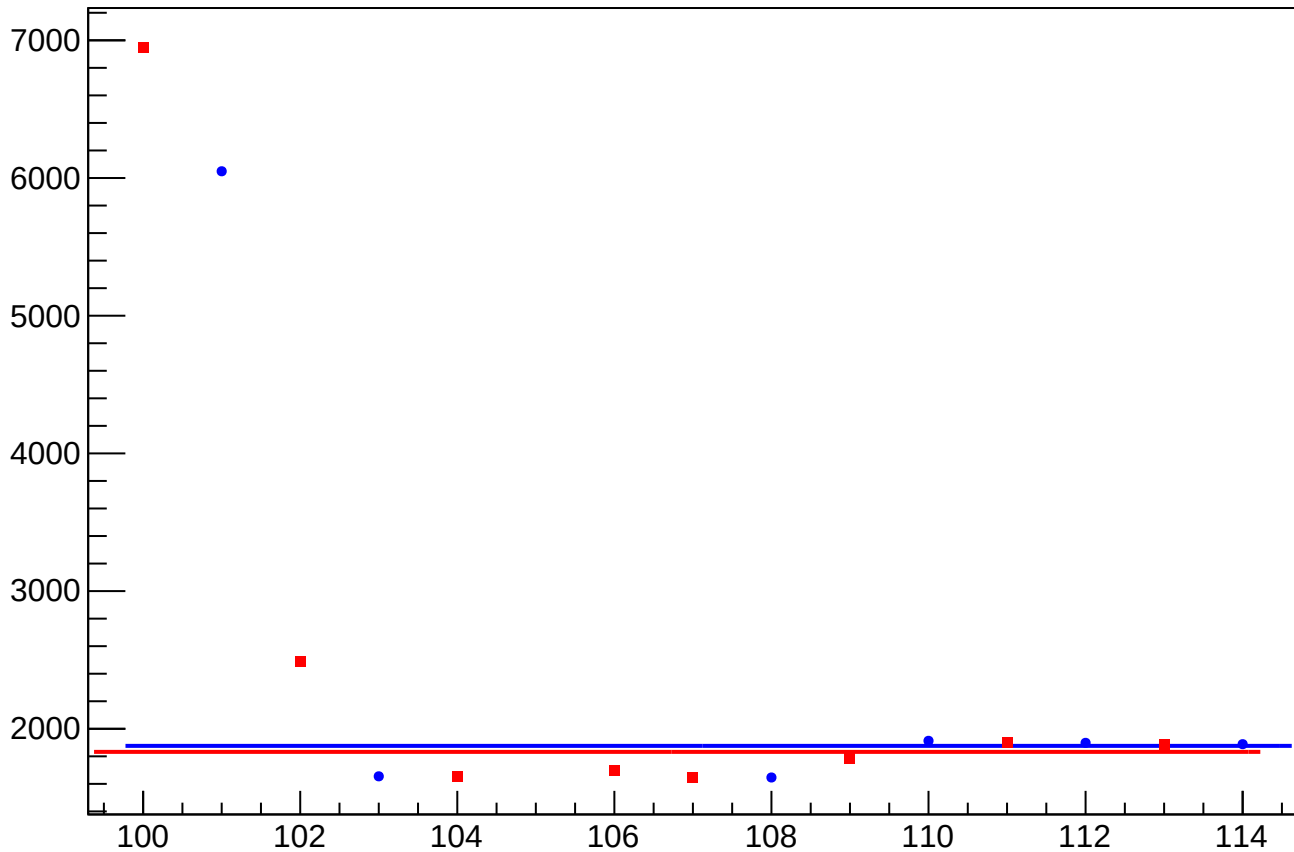
Right: 1881.582+/-809.111 χ^2/NDF : 7.6/13

In: 2492.219+/-1233.309 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.582+/-809.111 χ^2/NDF : 7.6/13

cor_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

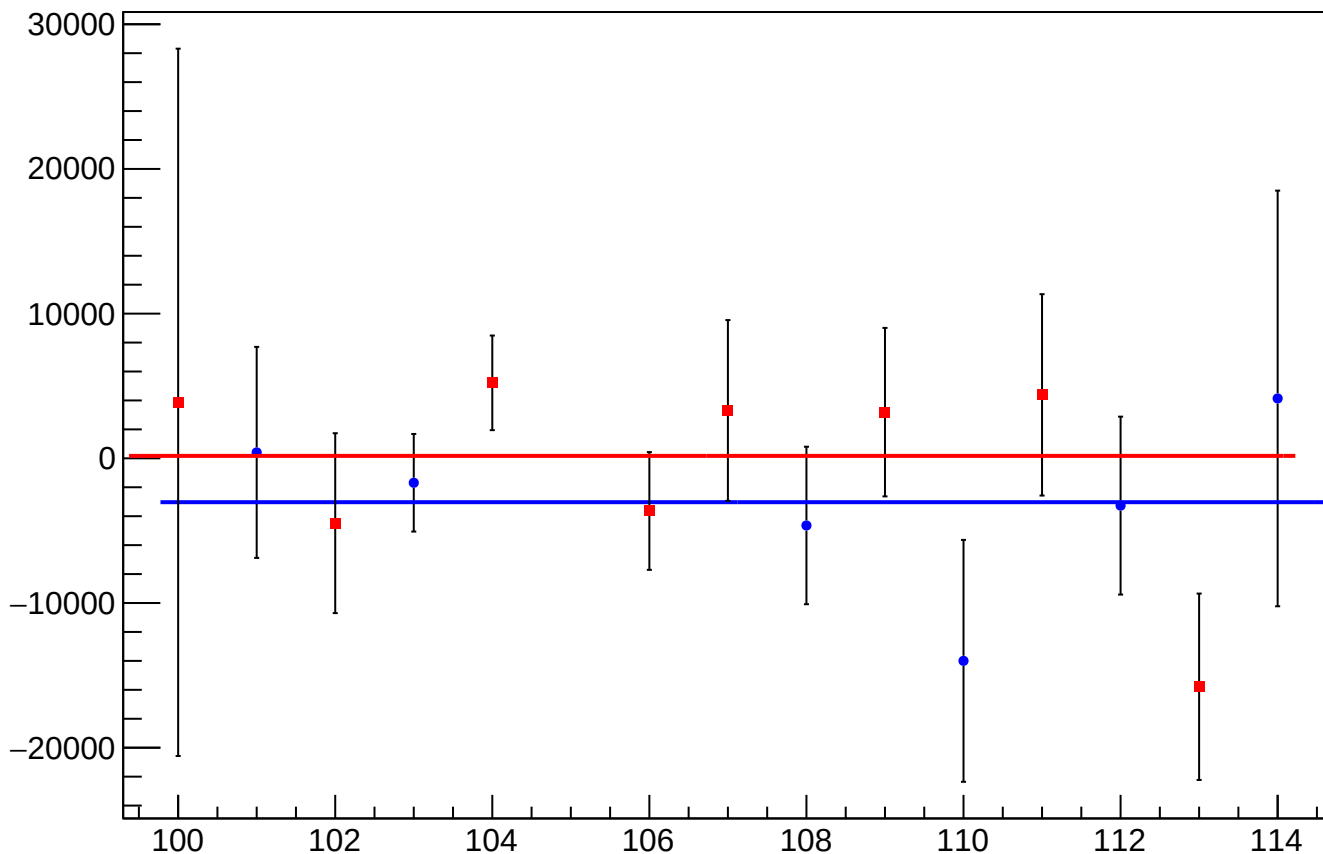
Right: 1851.071 $\pm$ 0.571 χ^2/NDF : 830097.9/13

In: 1875.997 $\pm$ 0.872 χ^2/NDF : 661617.9/5

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

All: 1851.071 $\pm$ 0.571 χ^2/NDF : 830097.9/13

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

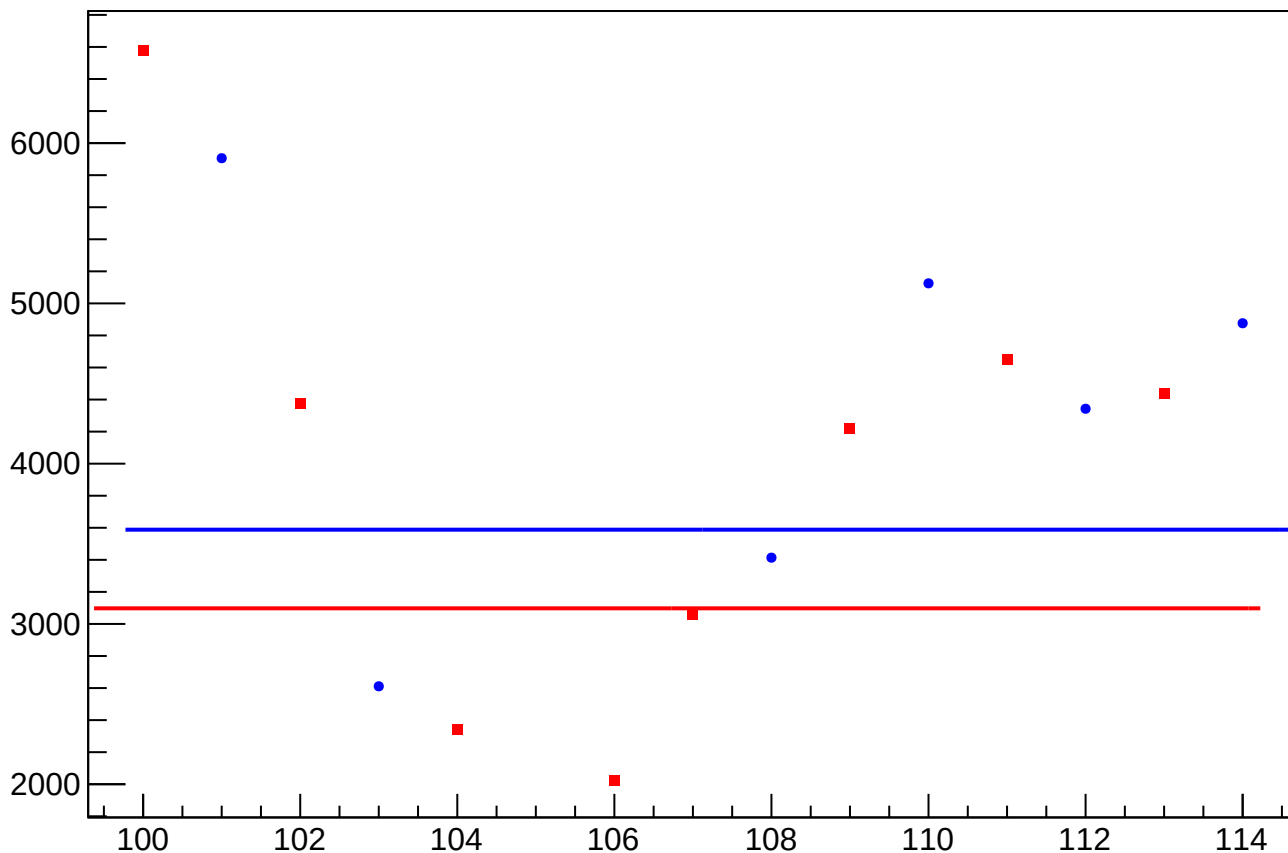
Right: -1105.182+/-1462.658 χ^2 /NDF: 14.5/13

In: -3031.966+/-2318.379 χ^2 /NDF: 2.4/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1105.182+/-1462.658 χ^2 /NDF: 14.5/13

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

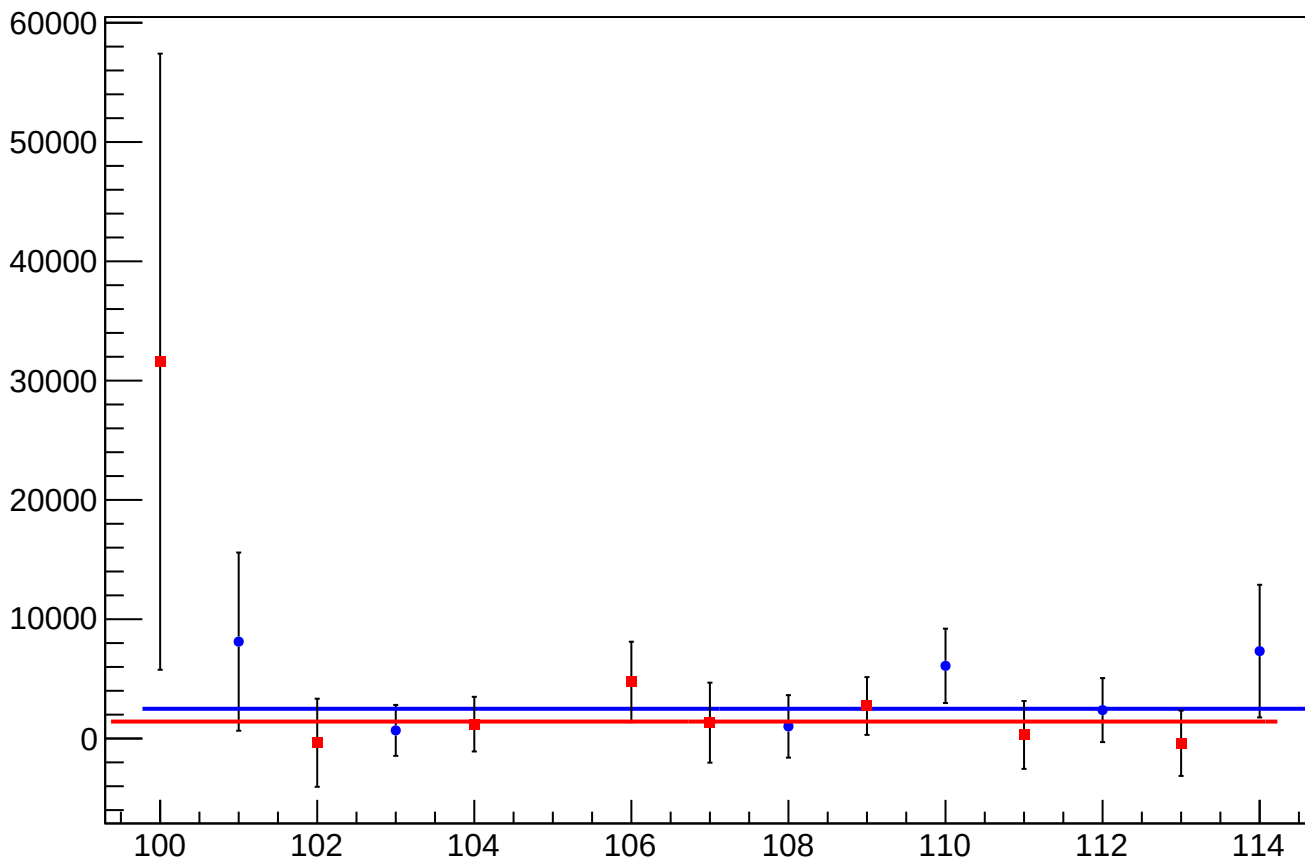
Right: 3292.803+/-1.034 χ^2/NDF : 1170977.0/13

In: 3588.173+/-1.639 χ^2/NDF : 485733.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3292.803+/-1.034 χ^2/NDF : 1170977.0/13

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

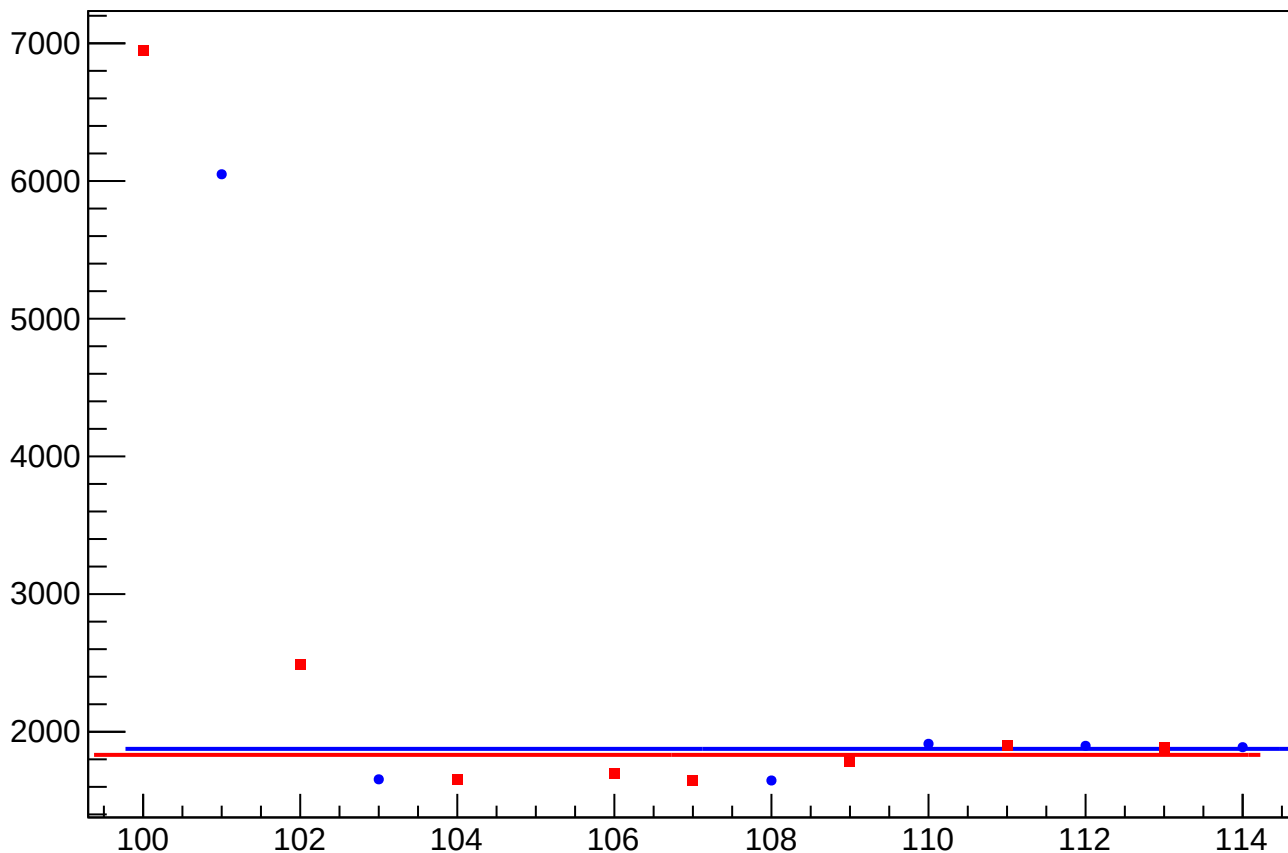
Right: 1881.582+/-809.111 χ^2/NDF : 7.6/13

In: 2492.219+/-1233.309 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.582+/-809.111 χ^2/NDF : 7.6/13

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1875.997+/-0.872 χ^2/NDF : 661617.9/5

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

Right Out: 1832.371+/-0.755 χ^2/NDF : 167050.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

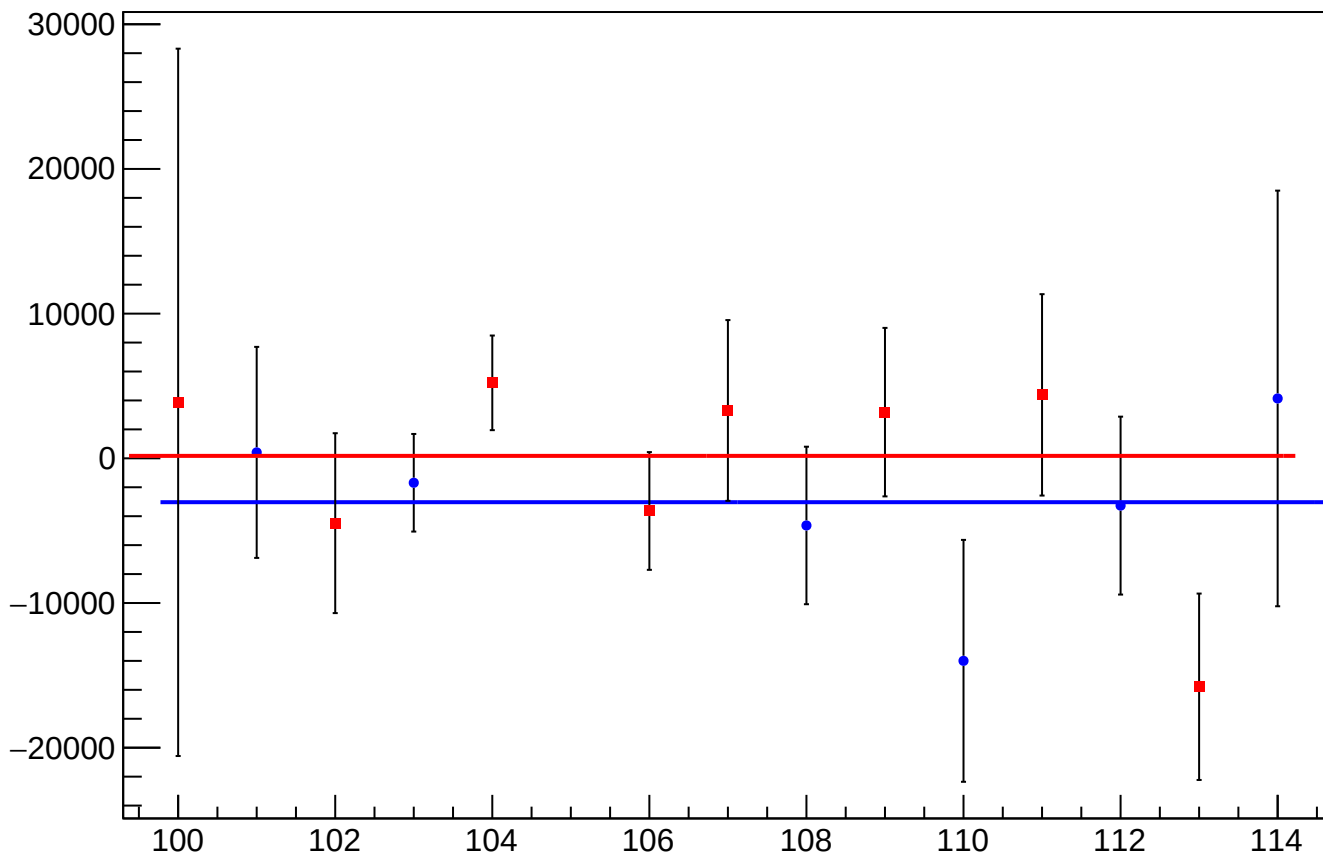
Right: 1851.071+/-0.571 χ^2/NDF : 830097.9/13

In: 1875.997+/-0.872 χ^2/NDF : 661617.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.071+/-0.571 χ^2/NDF : 830097.9/13

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

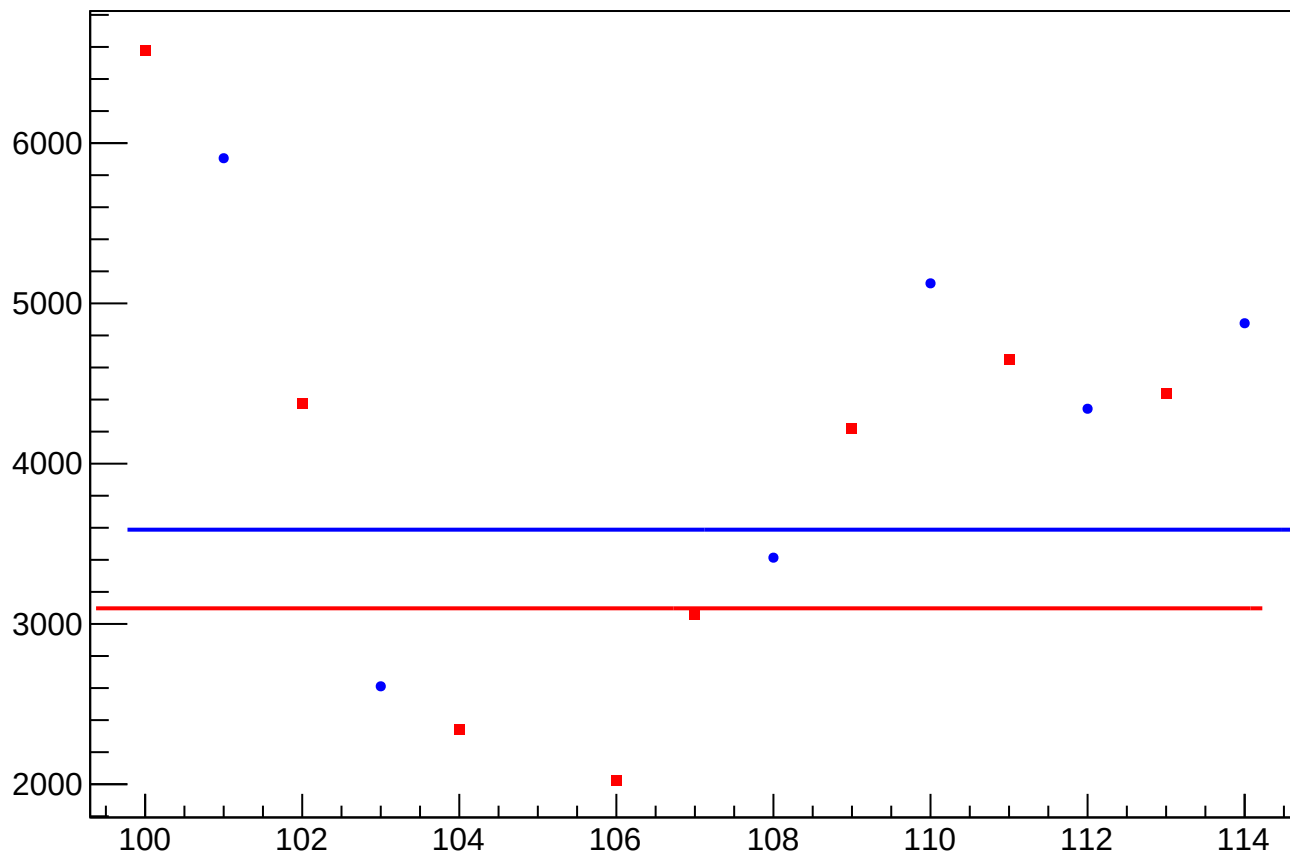
Right: -1105.182+/-1462.658 χ^2 /NDF: 14.5/13

In: -3031.966+/-2318.379 χ^2 /NDF: 2.4/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1105.182+/-1462.658 χ^2 /NDF: 14.5/13

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

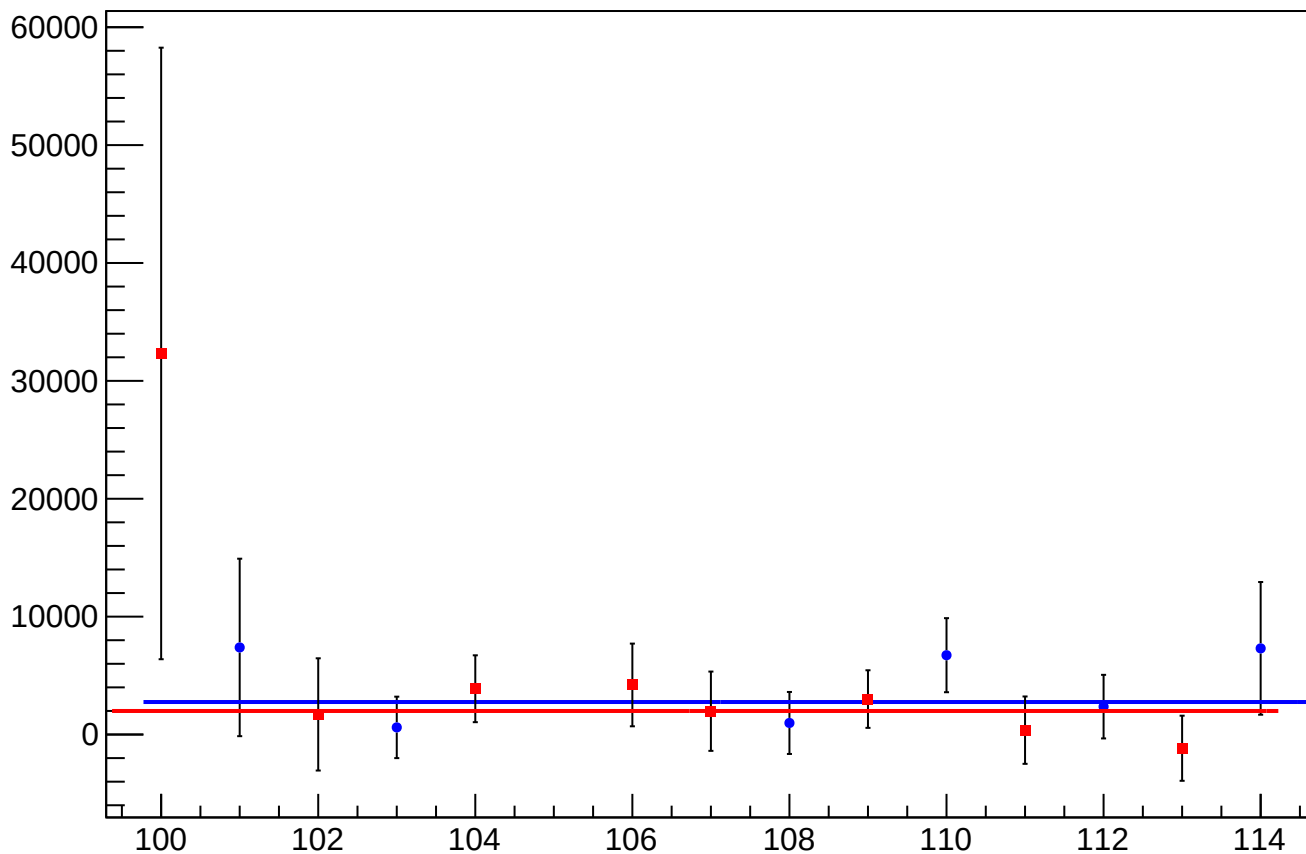
Right: 3292.803+/-1.034 χ^2/NDF : 1170977.0/13

In: 3588.173+/-1.639 χ^2/NDF : 485733.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3292.803+/-1.034 χ^2/NDF : 1170977.0/13

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2757.758+/-1313.267 χ^2/NDF : 3.8/5

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

Right Out: 1997.012+/-1146.433 χ^2/NDF : 4.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

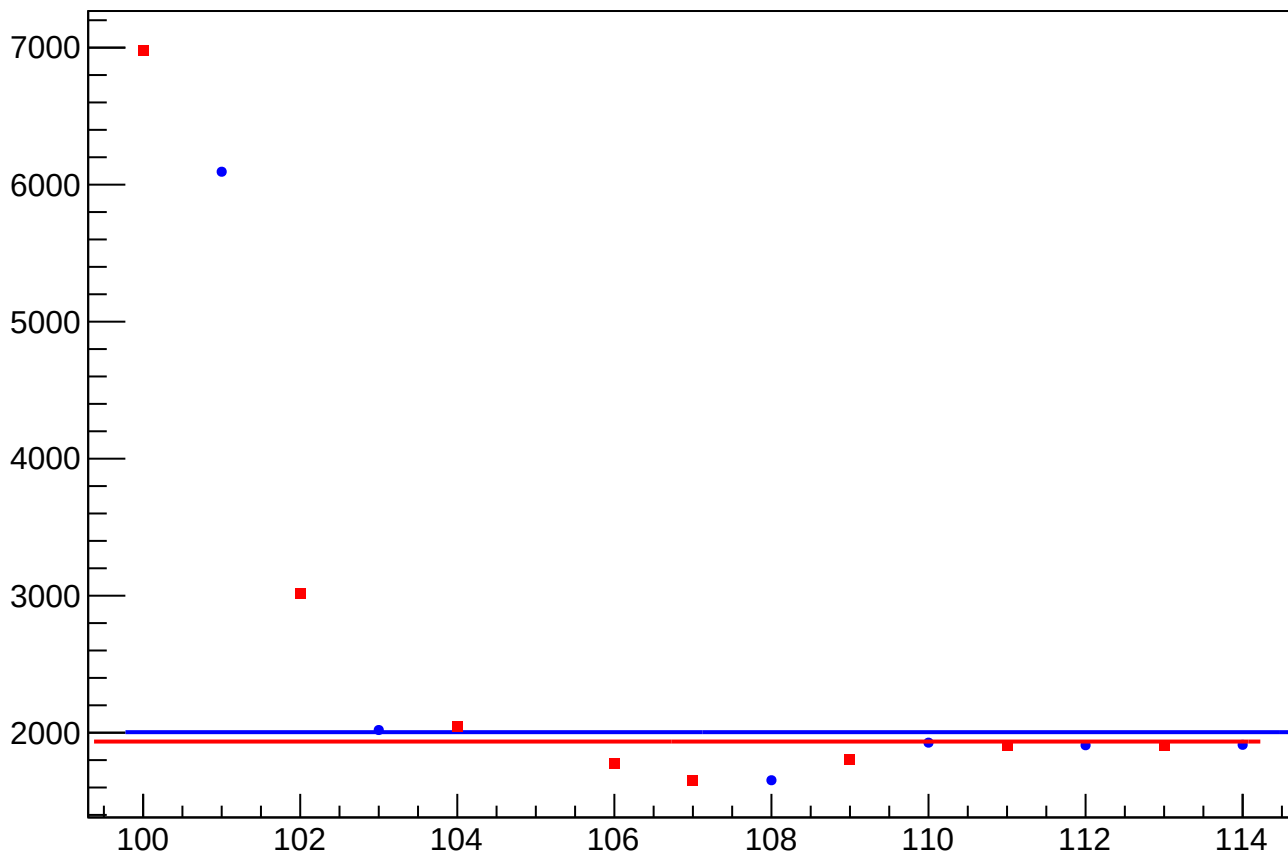
Right: 2326.022+/-863.650 χ^2/NDF : 8.0/13

In: 2757.758+/-1313.267 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2326.022+/-863.650 χ^2/NDF : 8.0/13

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

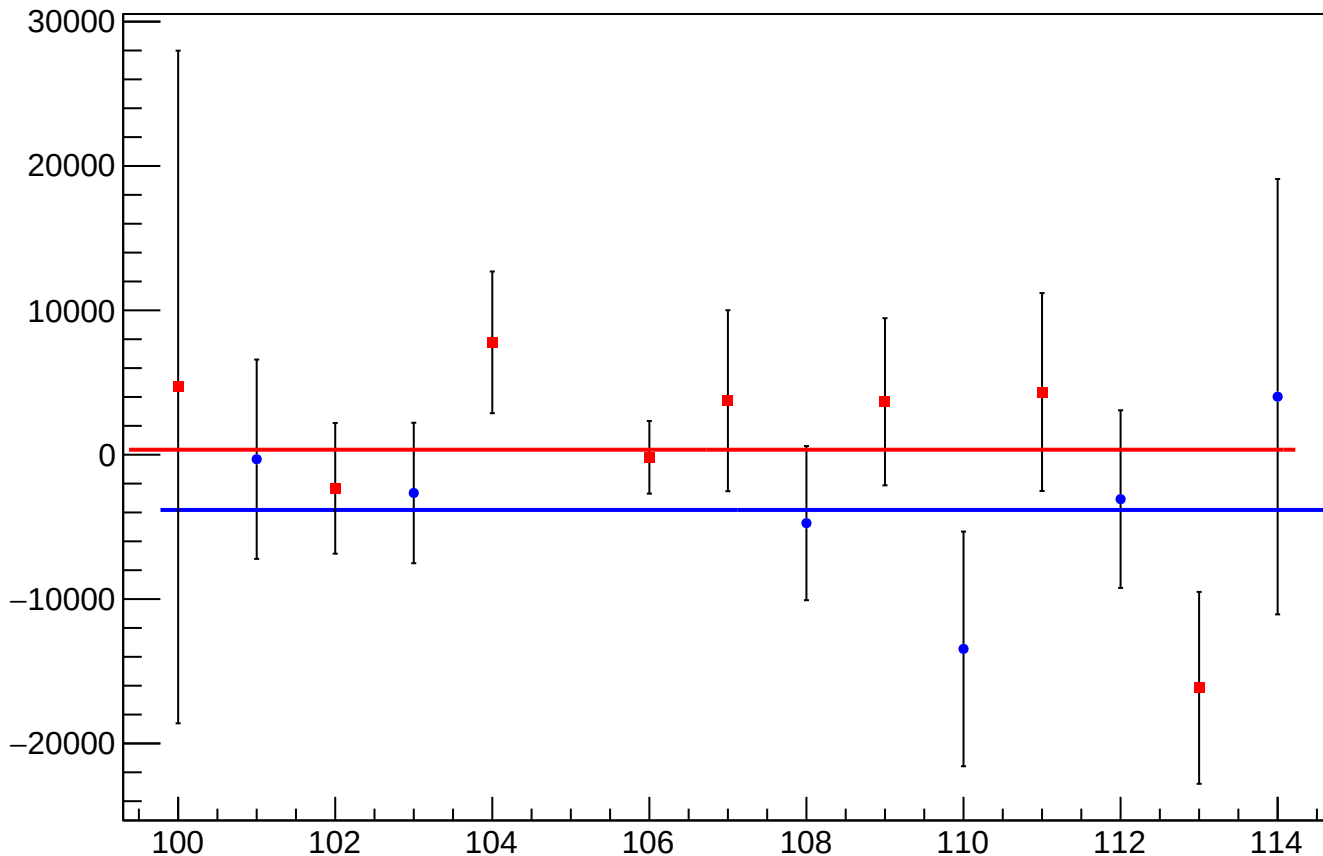
Right: 1964.977+/-0.610 χ^2/NDF : 840731.4/13

In: 2003.919+/-0.929 χ^2/NDF : 630463.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.977+/-0.610 χ^2/NDF : 840731.4/13

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

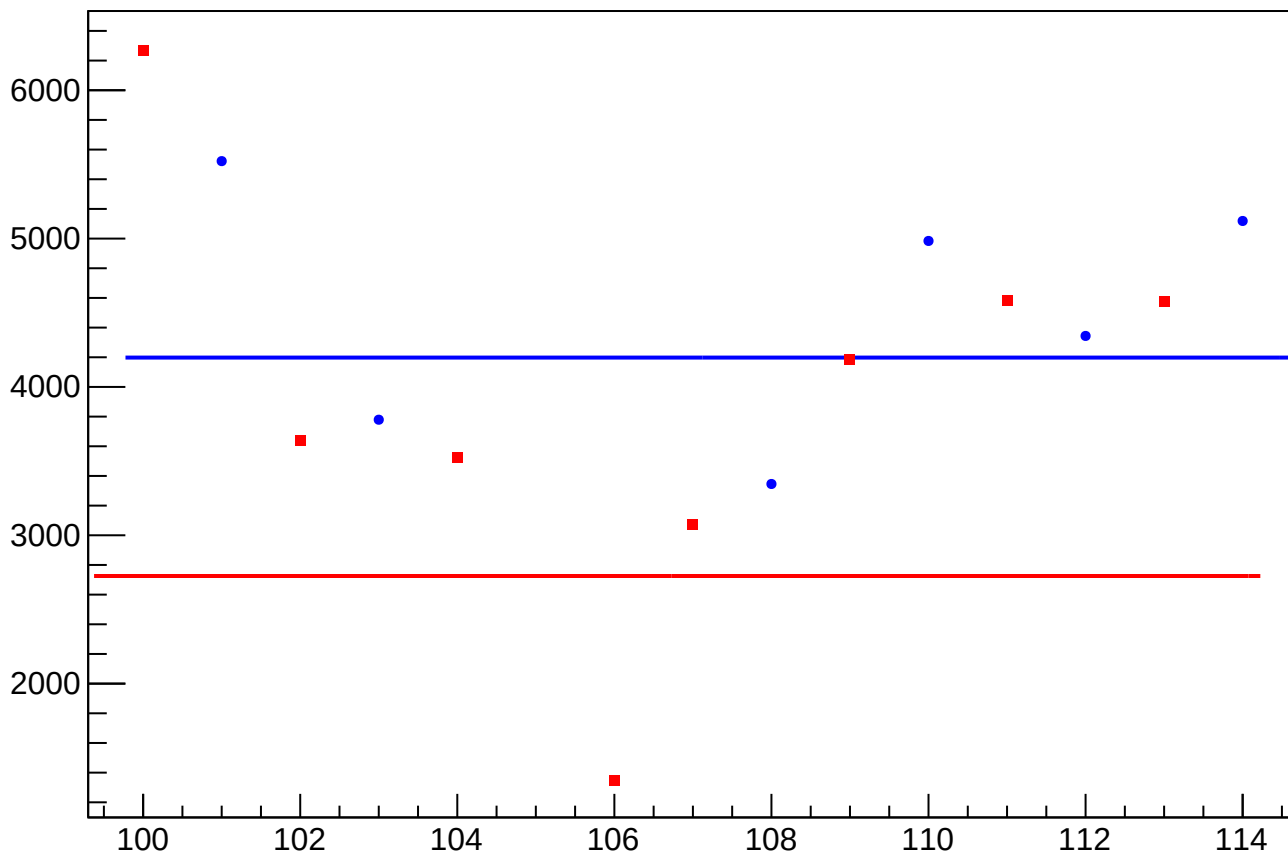
Right: -872.975+/-1423.442 χ^2/NDF : 13.7/13

In: -3826.034+/-2633.019 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.975+/-1423.442 χ^2/NDF : 13.7/13

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

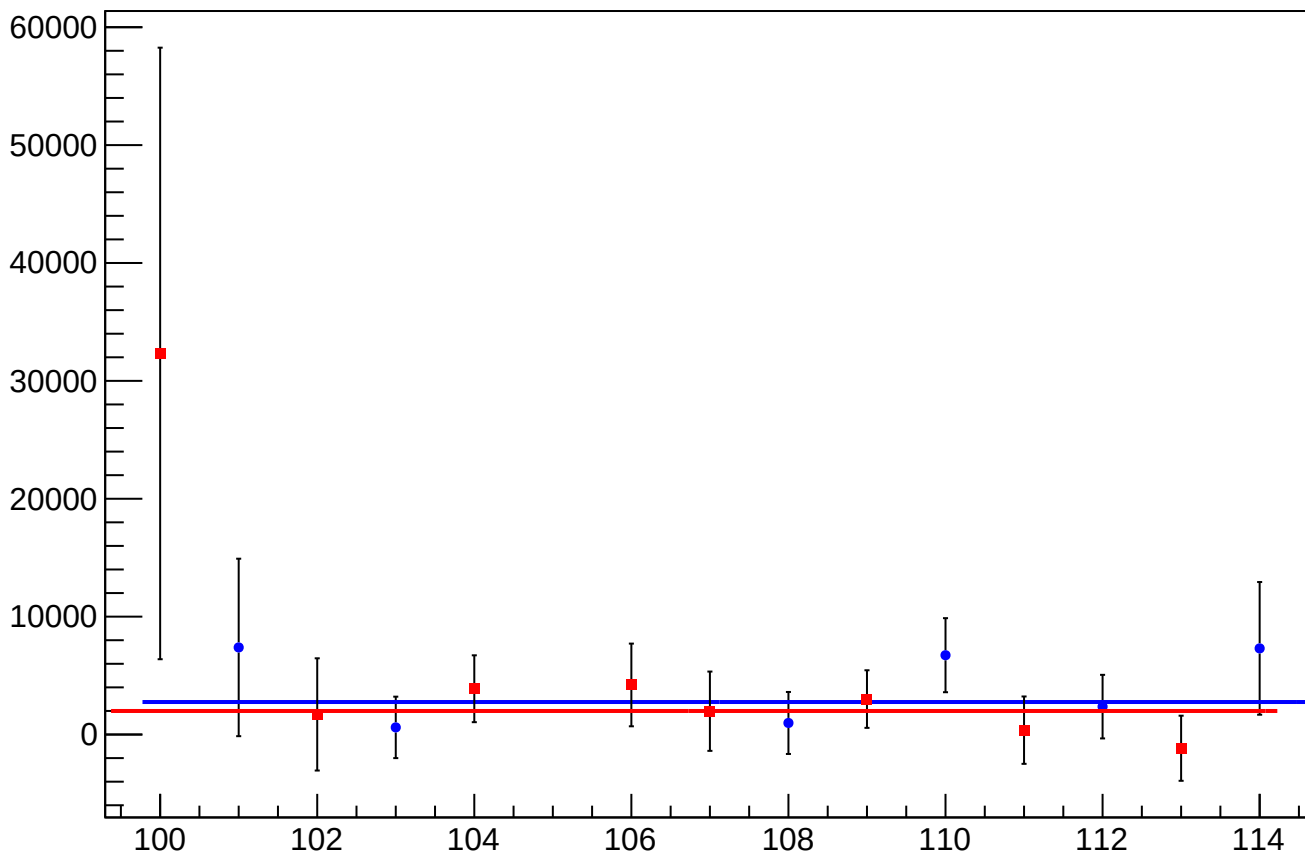
Right: 3155.849+/-1.007 χ^2/NDF : 1824099.6/13

In: 4197.906+/-1.862 χ^2/NDF : 166625.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.849+/-1.007 χ^2/NDF : 1824099.6/13

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

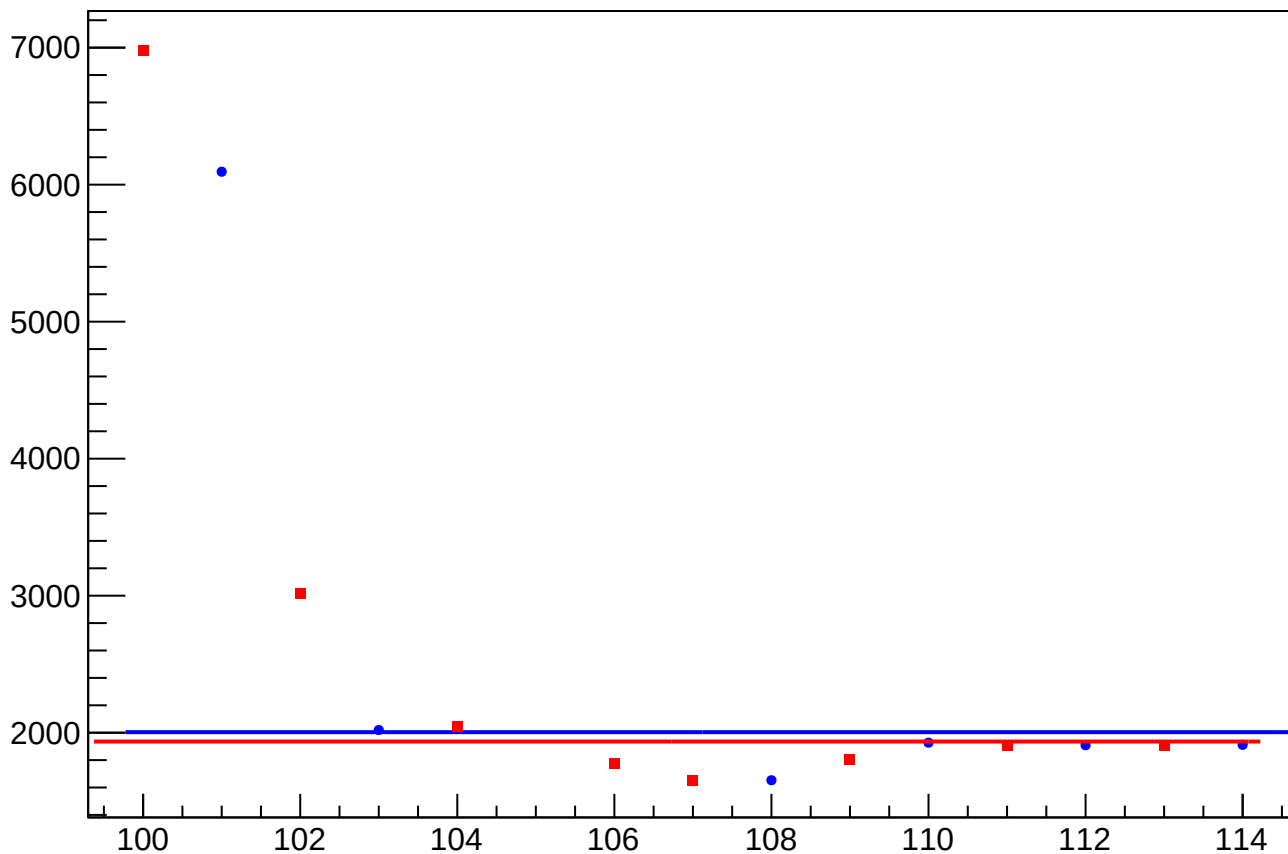
Right: 2326.026+/-863.650 χ^2/NDF : 8.0/13

In: 2757.763+/-1313.267 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2326.026+/-863.650 χ^2/NDF : 8.0/13

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2003.919+/-0.929 χ^2/NDF : 630463.3/5

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

Right Out: 1935.427+/-0.809 χ^2/NDF : 207174.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

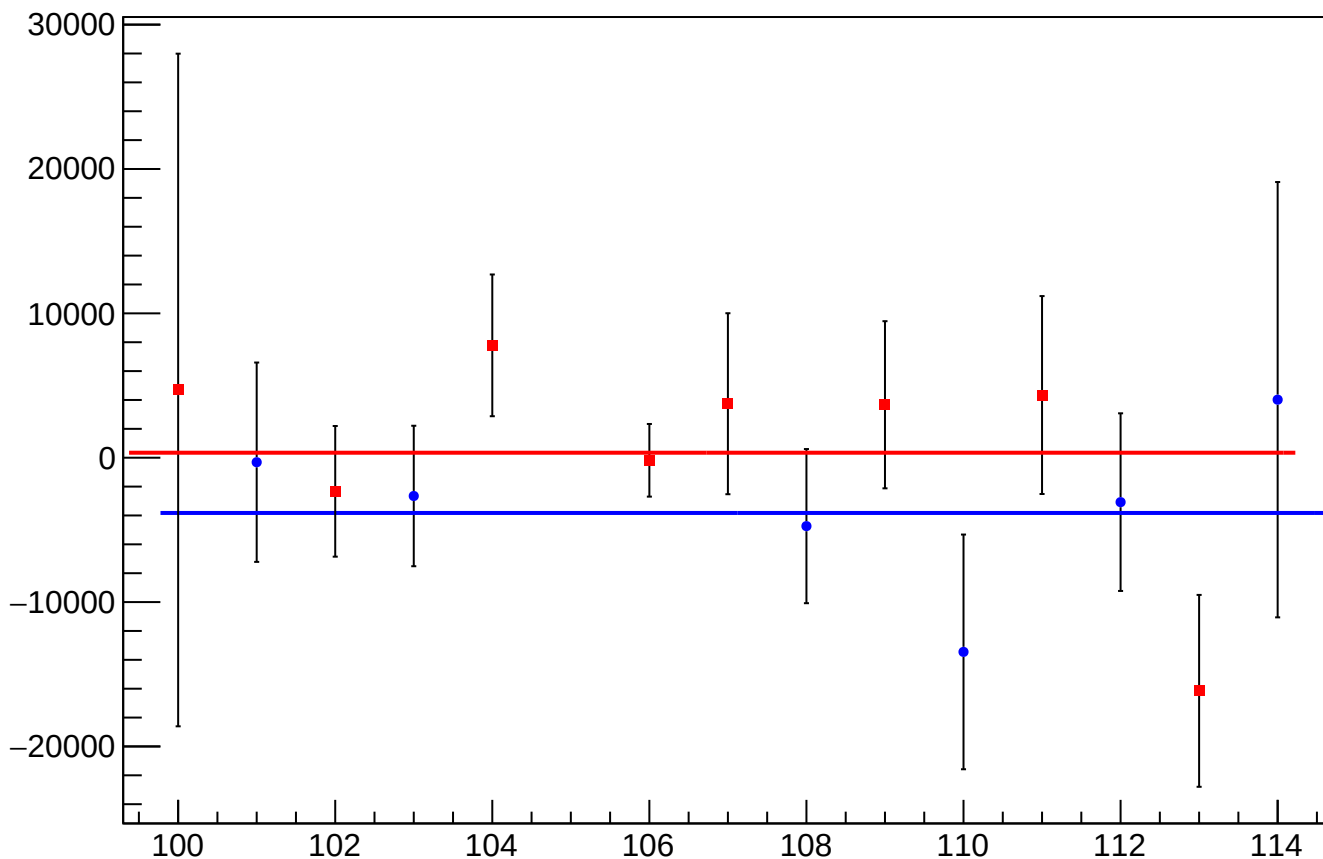
Right: 1964.977+/-0.610 χ^2/NDF : 840731.0/13

In: 2003.919+/-0.929 χ^2/NDF : 630463.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.977+/-0.610 χ^2/NDF : 840731.0/13

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

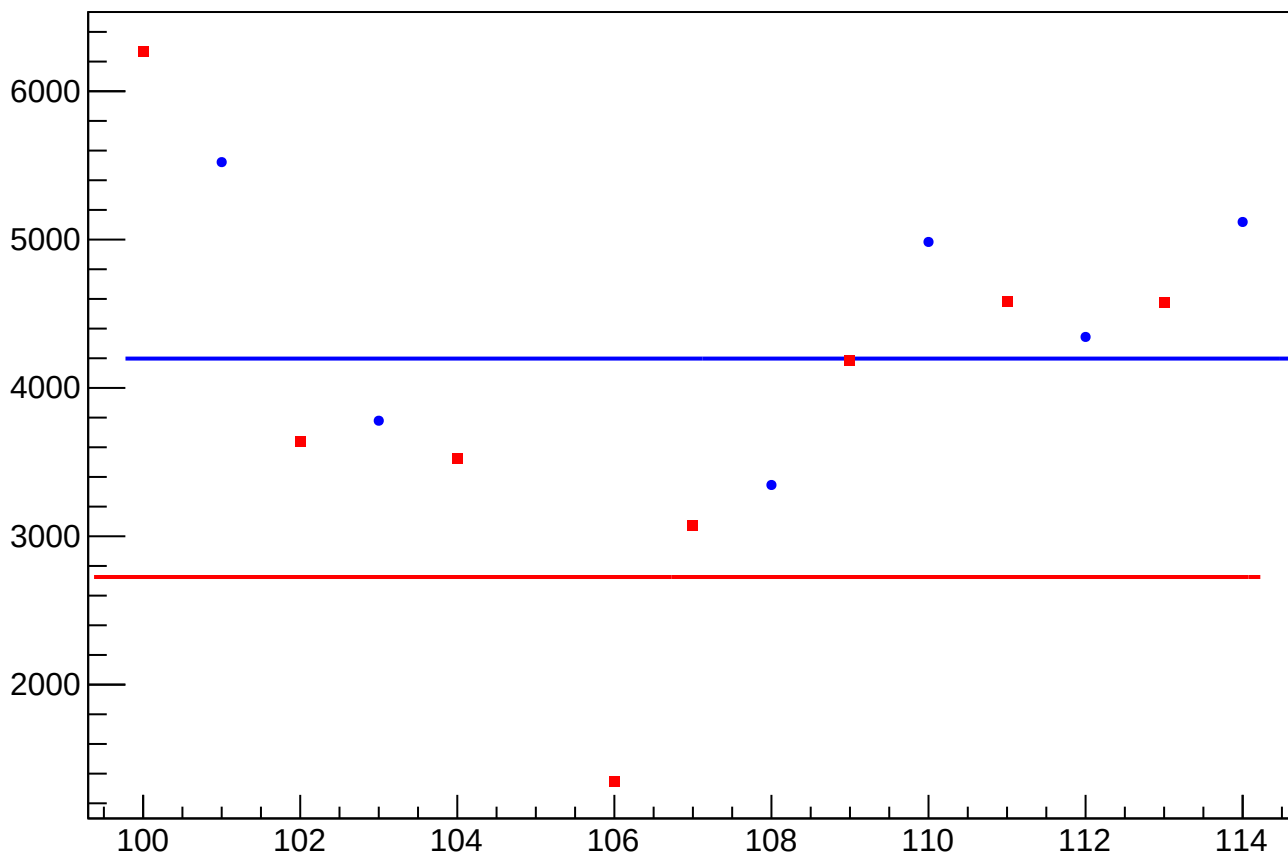
Right: -872.975+/-1423.439 χ^2/NDF : 13.7/13

In: -3826.034+/-2633.017 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.975+/-1423.439 χ^2/NDF : 13.7/13

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

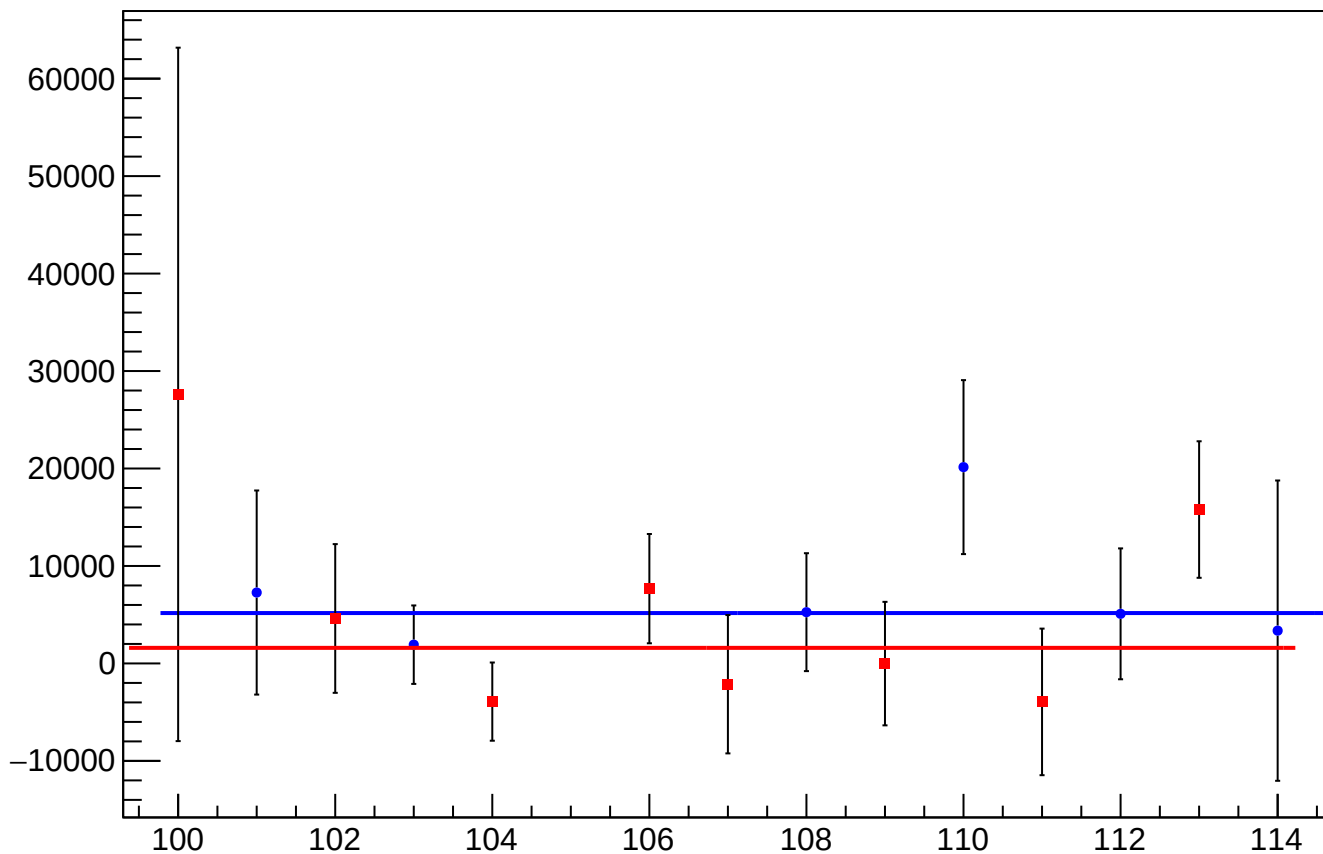
Right: 3155.843+/-1.007 χ^2/NDF : 1824105.8/13

In: 4197.904+/-1.862 χ^2/NDF : 166623.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.843+/-1.007 χ^2/NDF : 1824105.8/13

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

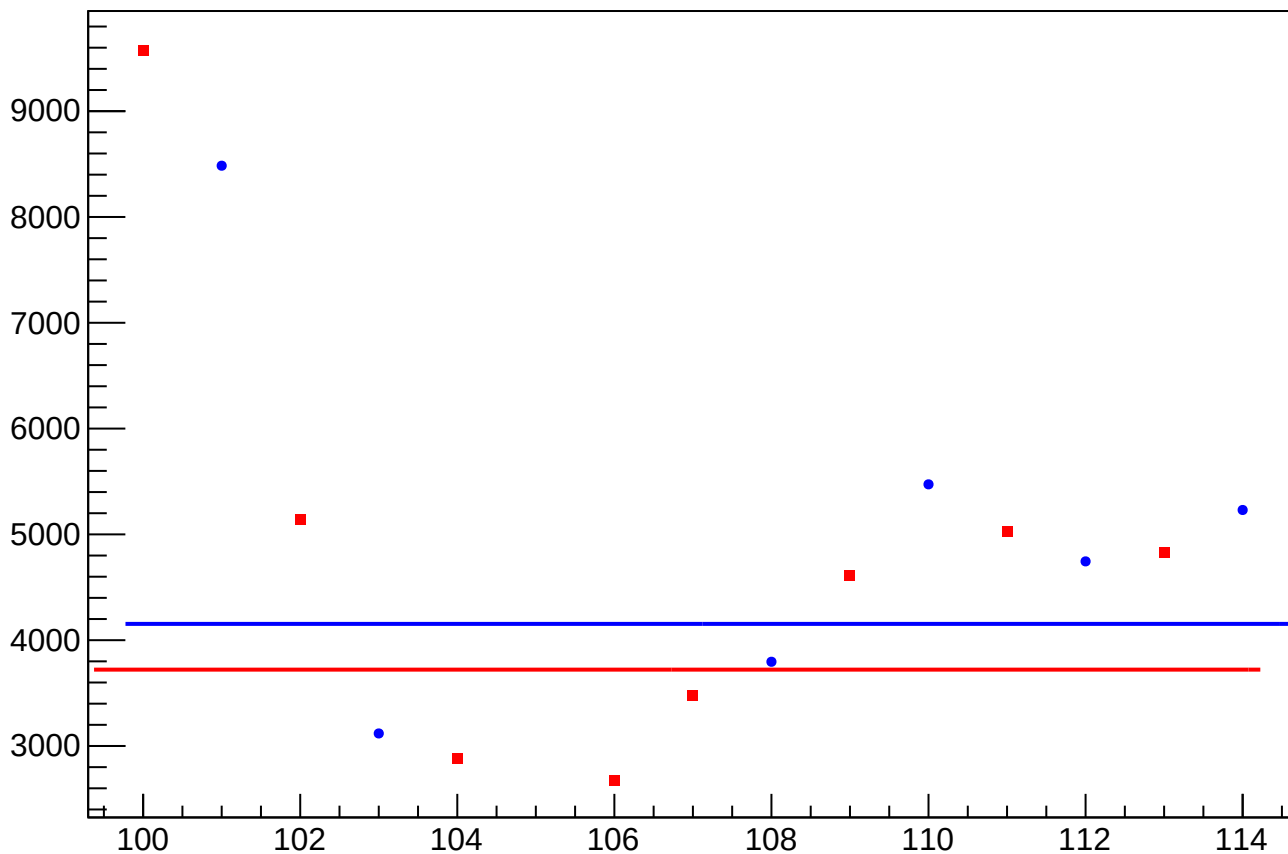
Right: 3073.609+/-1735.895 χ^2/NDF : 13.3/13

In: 5169.191+/-2700.488 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3073.609+/-1735.895 χ^2/NDF : 13.3/13

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

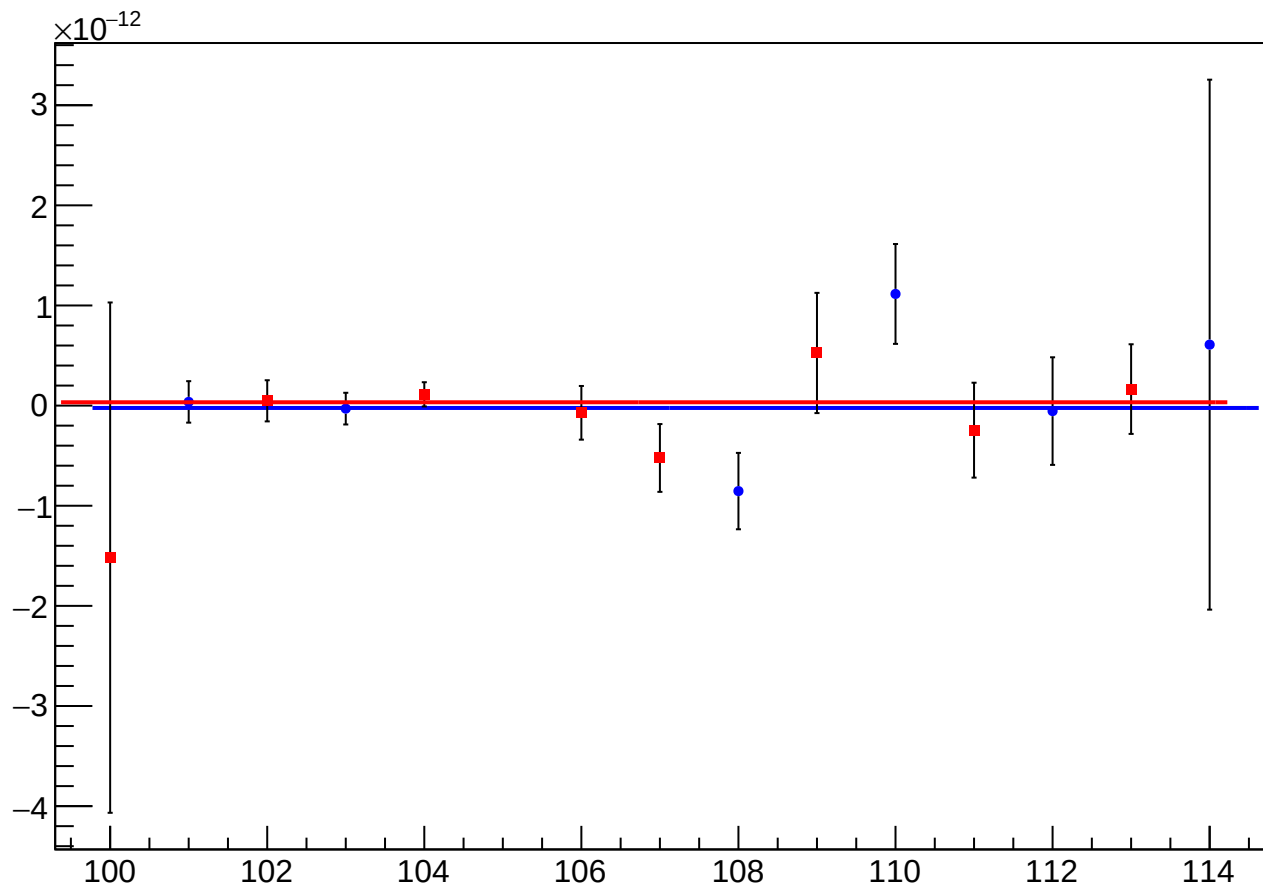
Right: 3897.018+/-1.216 χ^2/NDF : 1026556.4/13

In: 4154.029+/-1.910 χ^2/NDF : 550428.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3897.018+/-1.216 χ^2/NDF : 1026556.4/13

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

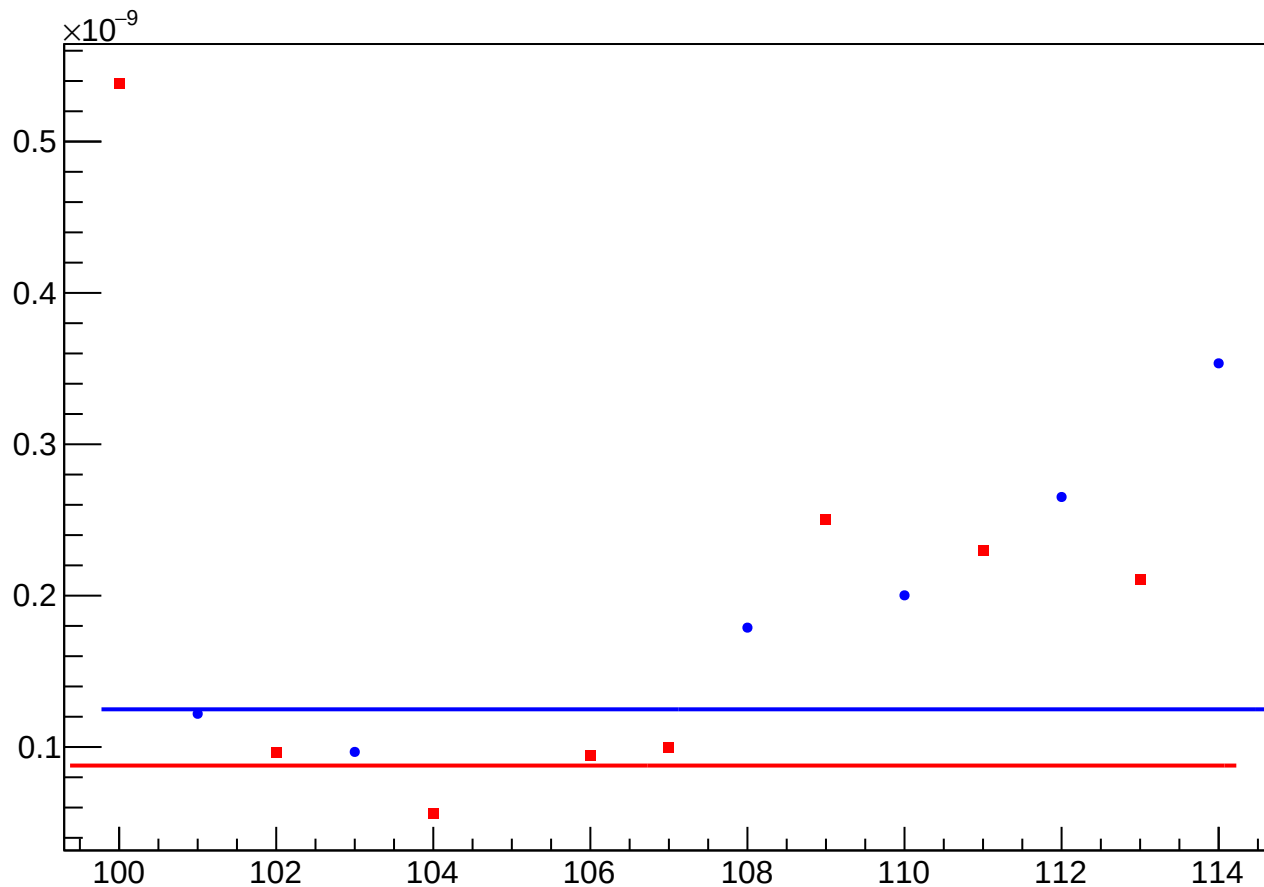
Right: 0.000+/-0.000 χ^2/NDF : 15.0/13

In: -0.000+/-0.000 χ^2/NDF : 10.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/13

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

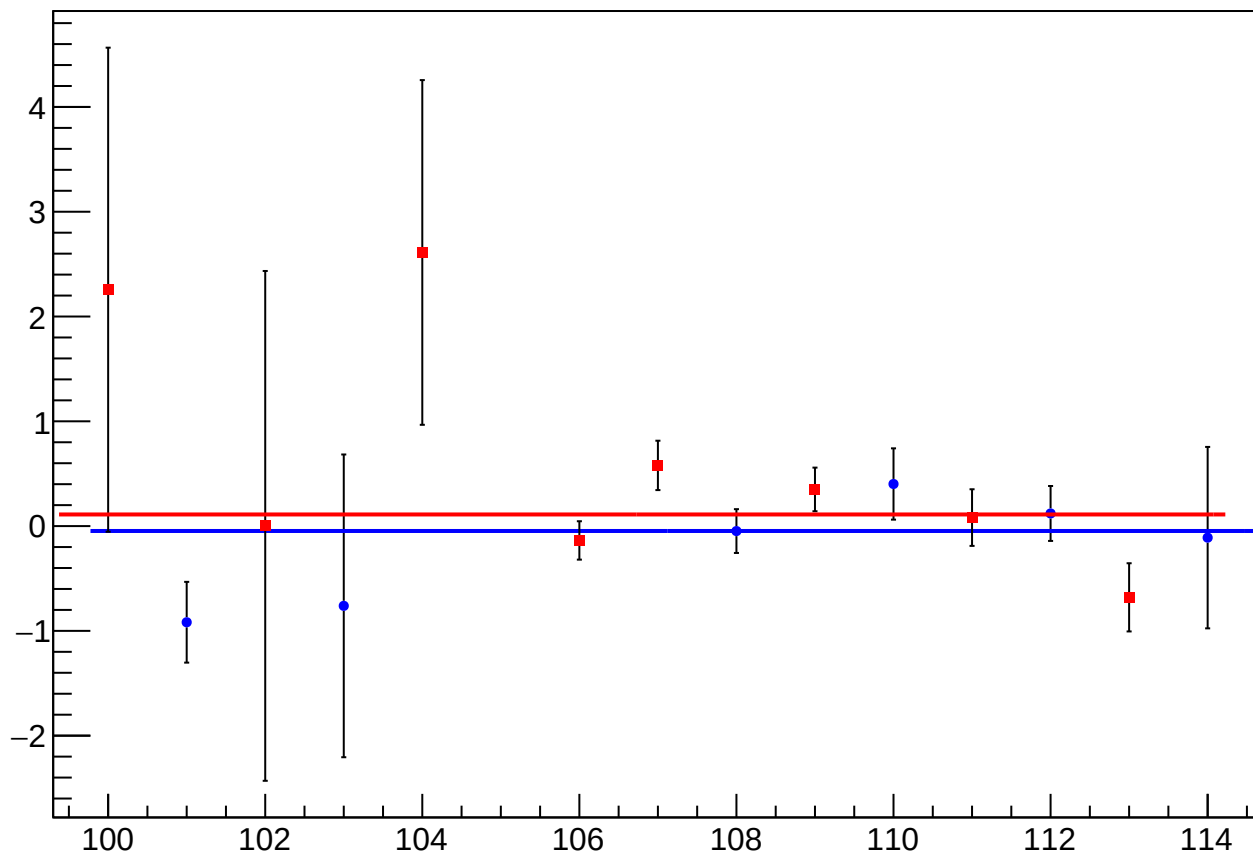
Right: 0.000+/-0.000 χ^2/NDF : 1118567.9/13

In: 0.000+/-0.000 χ^2/NDF : 300523.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1118567.9/13

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

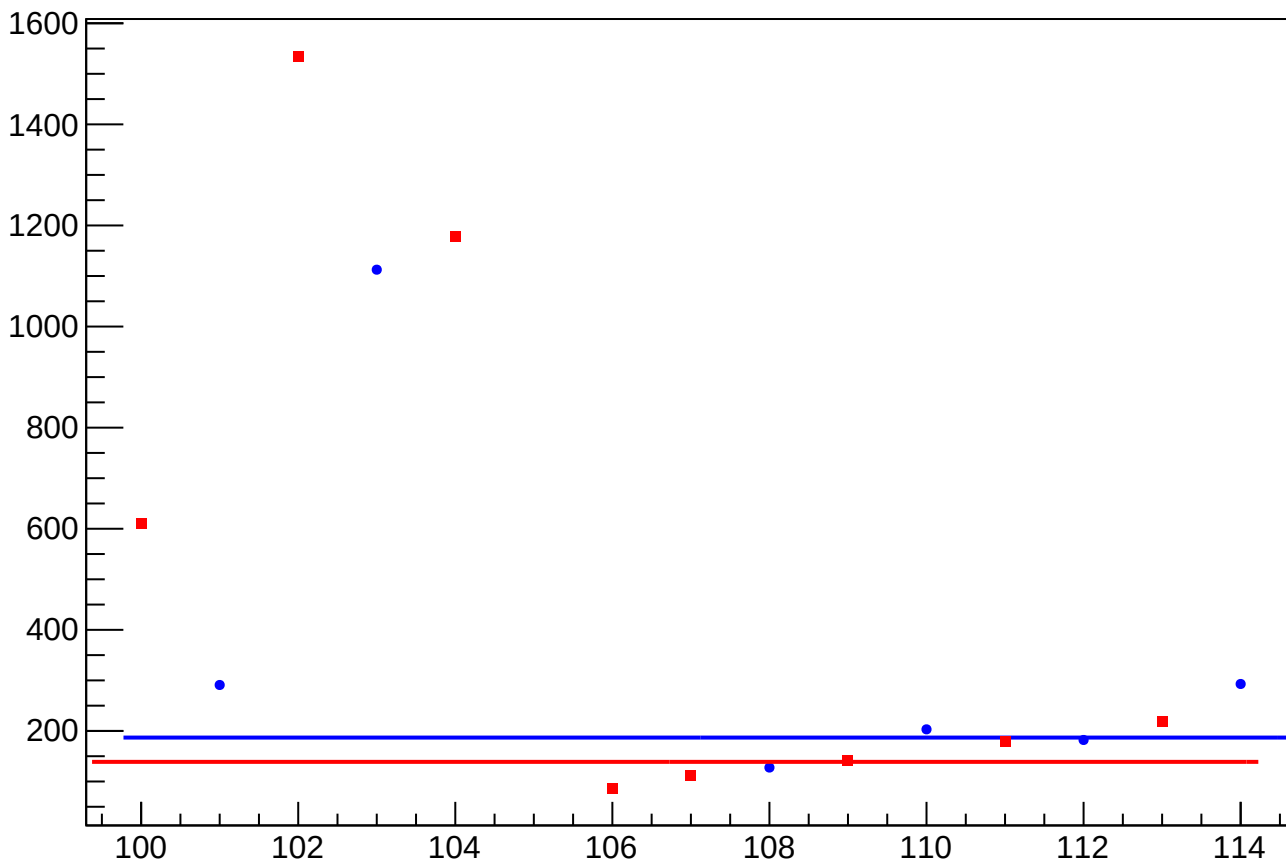
Right: 0.053 ± 0.082 χ^2/NDF : 24.6/13

In: -0.047 ± 0.135 χ^2/NDF : 7.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.053 ± 0.082 χ^2/NDF : 24.6/13

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.886+/-0.096 χ^2/NDF : 1163094.4/5

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

Right Out: 138.832+/-0.073 χ^2/NDF : 1897574.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

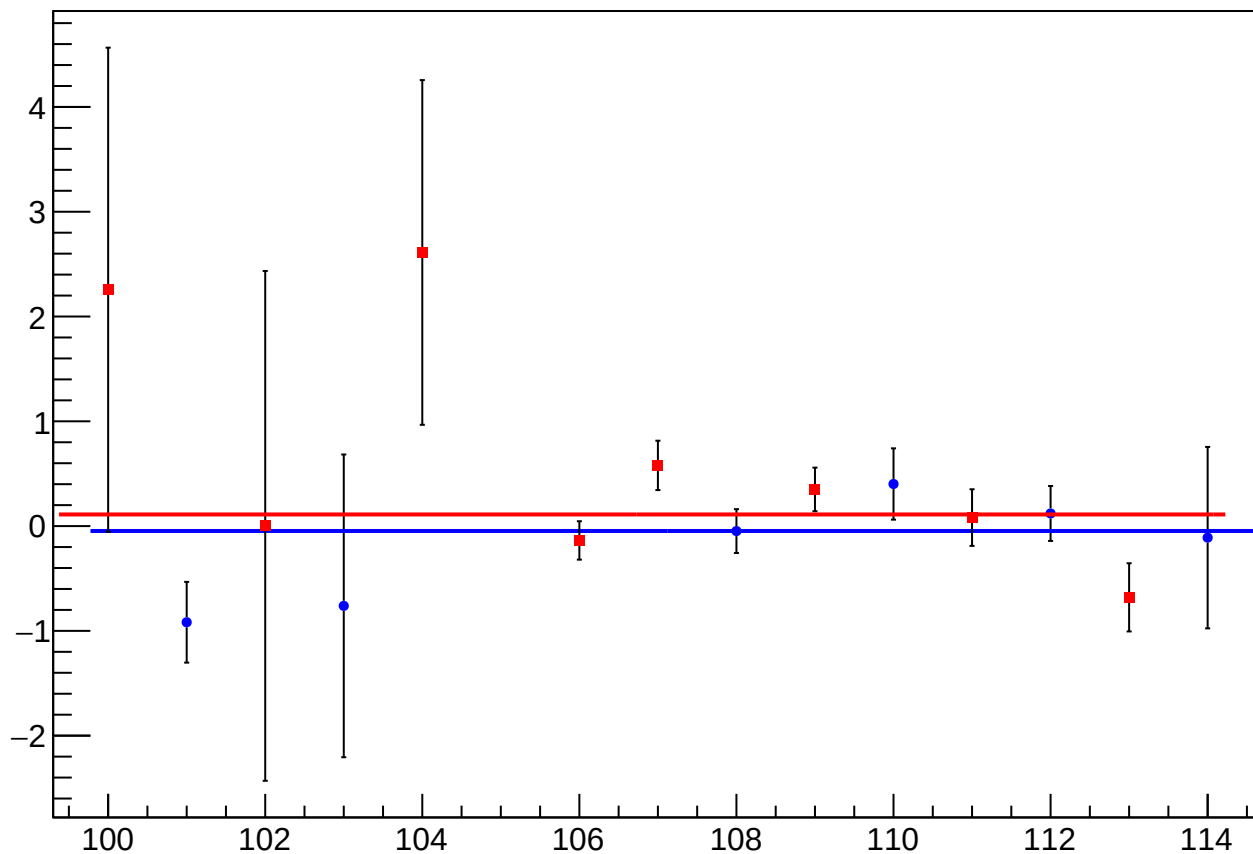
Right: 156.403+/-0.058 χ^2/NDF : 3220721.2/13

In: 186.886+/-0.096 χ^2/NDF : 1163094.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.403+/-0.058 χ^2/NDF : 3220721.2/13

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

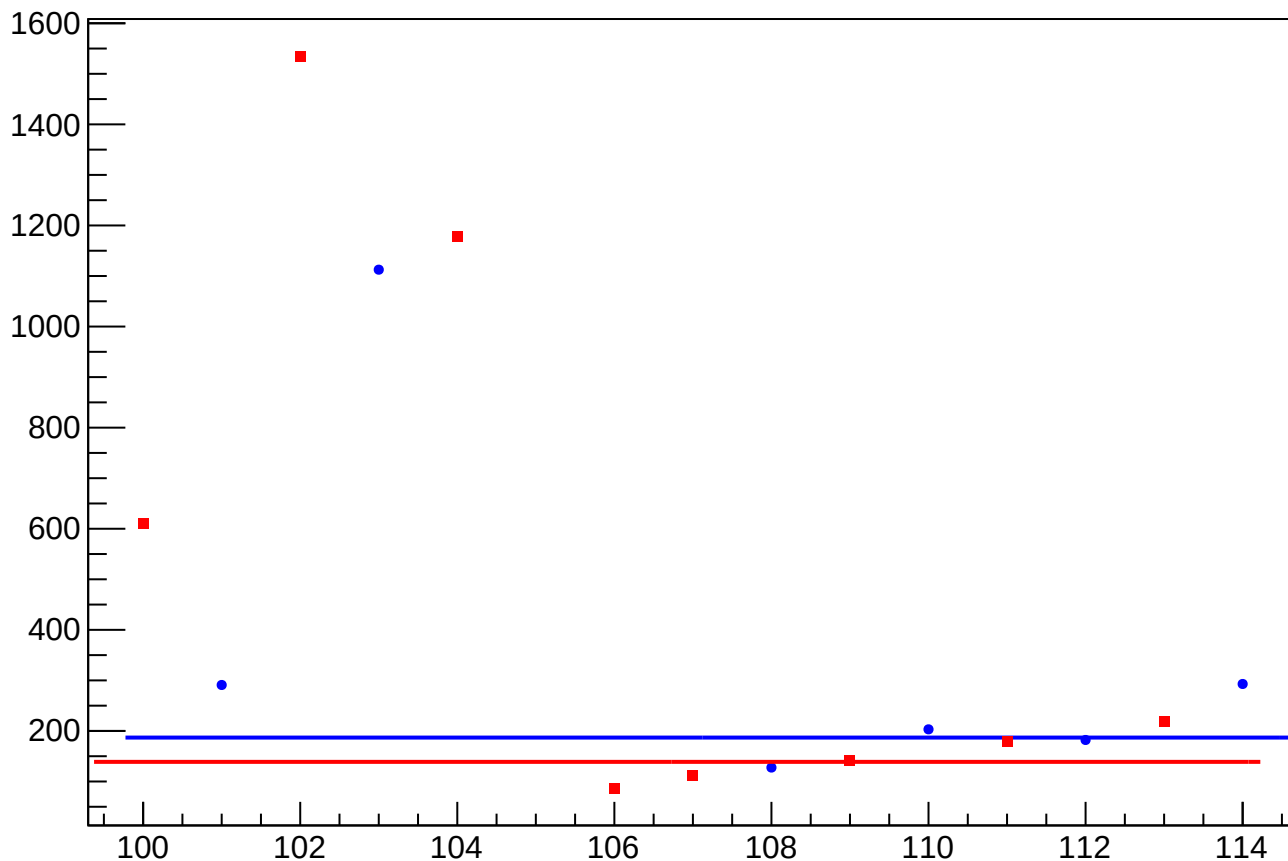
Right: 0.053 ± 0.082 χ^2/NDF : 24.6/13

In: -0.047 ± 0.135 χ^2/NDF : 7.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.053 ± 0.082 χ^2/NDF : 24.6/13

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.886+/-0.096 χ^2/NDF : 1163094.4/5

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

Right Out: 138.832+/-0.073 χ^2/NDF : 1897574.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

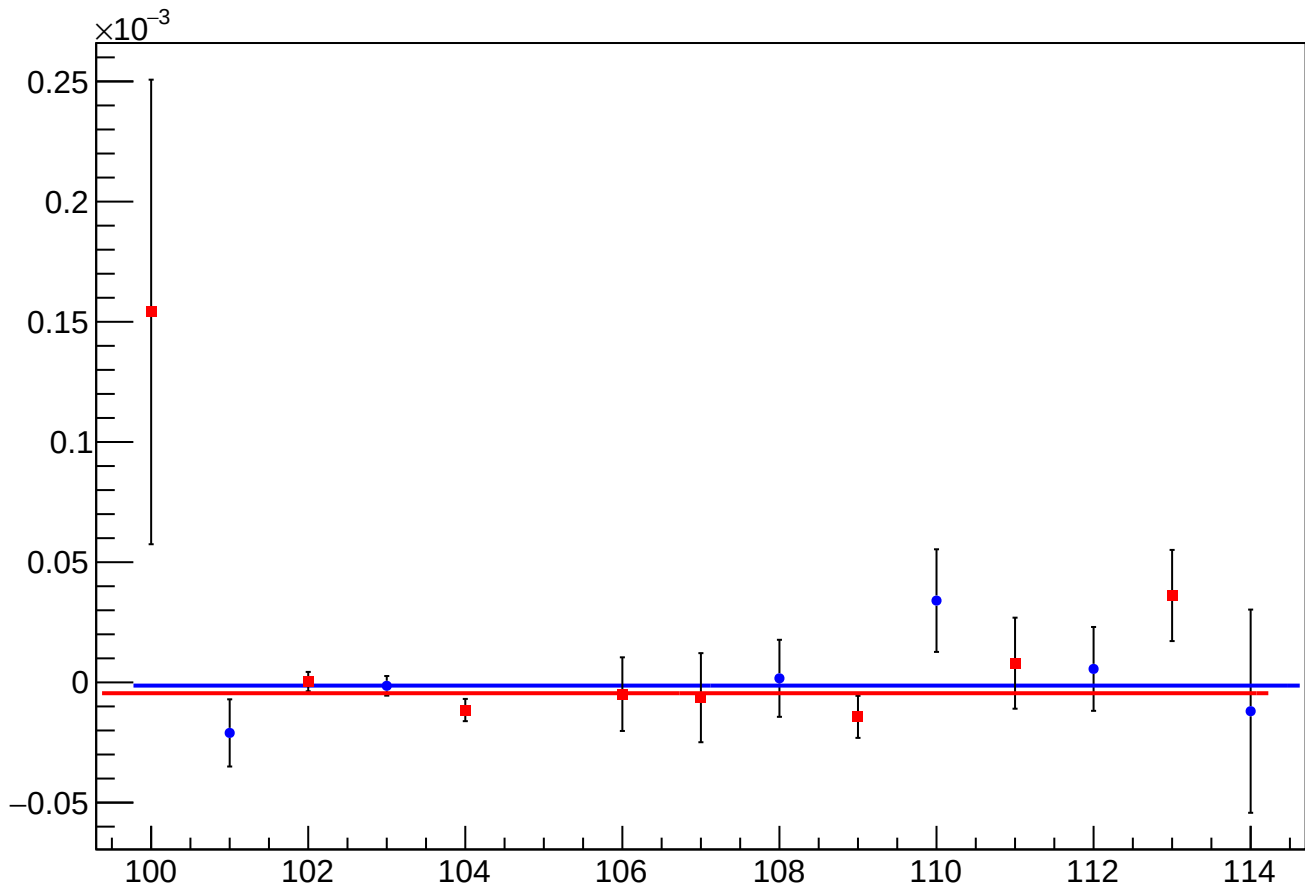
Right: 156.403+/-0.058 χ^2/NDF : 3220721.2/13

In: 186.886+/-0.096 χ^2/NDF : 1163094.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.403+/-0.058 χ^2/NDF : 3220721.2/13

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

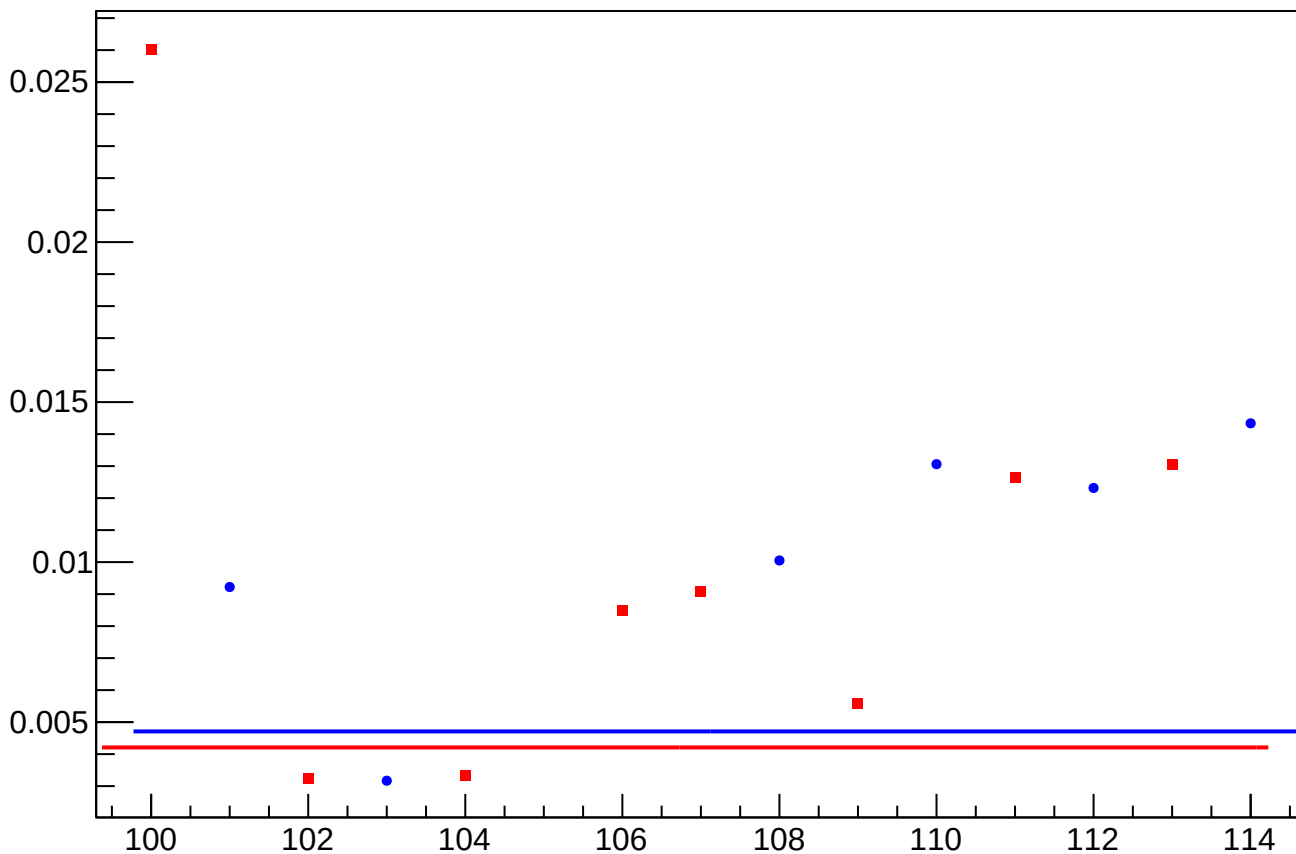
Right: -0.000+/-0.000 χ^2/NDF : 18.2/13

In: -0.000+/-0.000 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/13

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

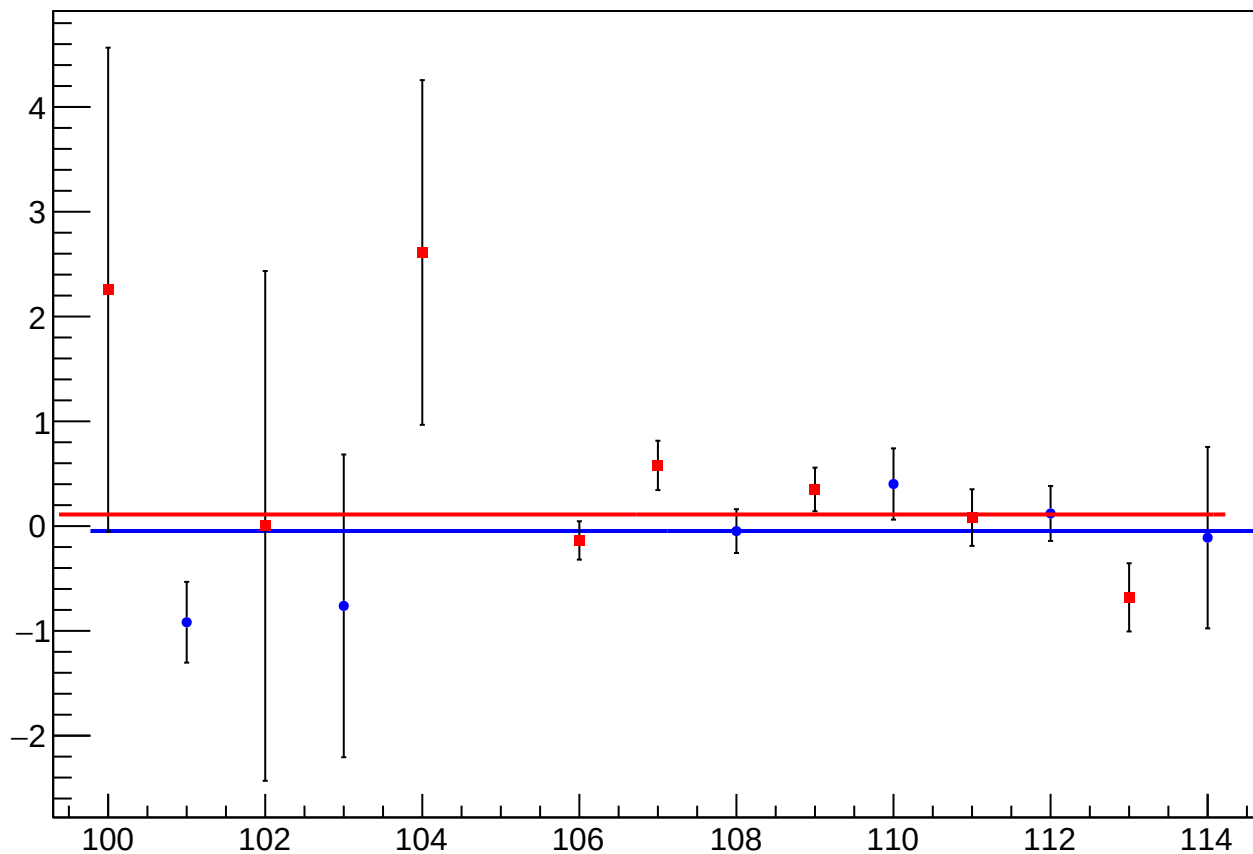
Right: 0.004+/-0.000 χ^2/NDF : 2997066.4/13

In: 0.005+/-0.000 χ^2/NDF : 1506660.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2997066.4/13

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

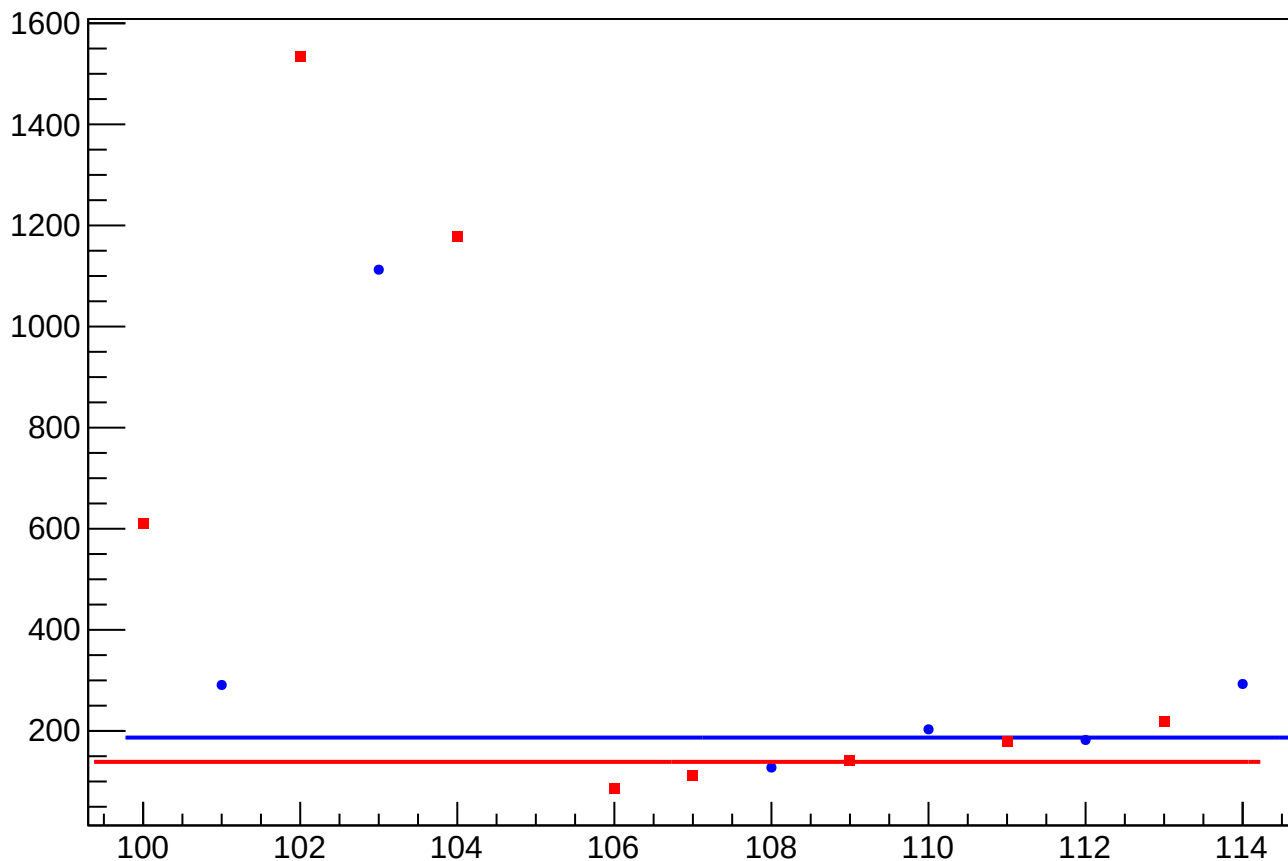
Right: 0.053 $\pm$ 0.082 χ^2 /NDF: 24.6/13

In: -0.047 $\pm$ 0.135 χ^2 /NDF:7.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.082 χ^2 /NDF: 24.6/13

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

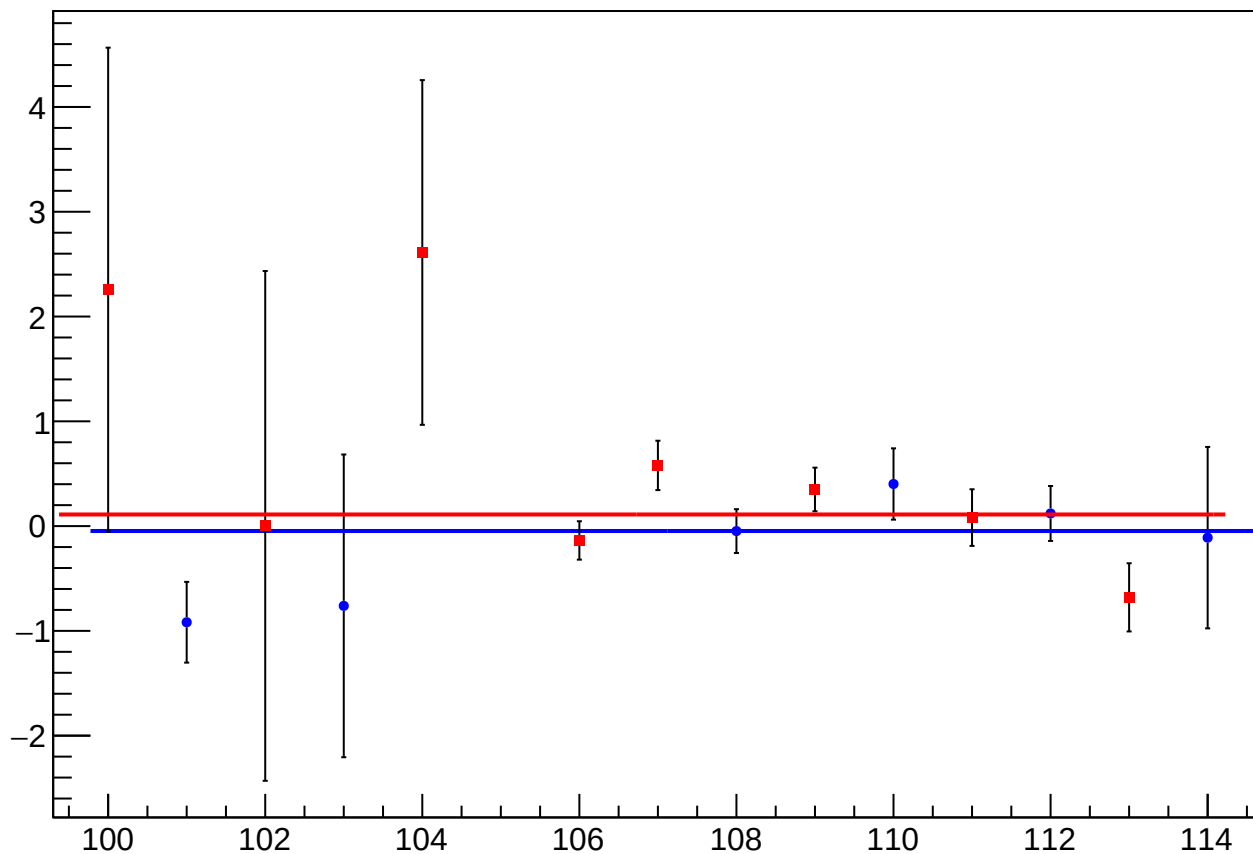
Right: 156.404 $\pm$ 0.058 χ^2 /NDF: 3220729.8/13

In: 186.887 $\pm$ 0.096 χ^2 /NDF:1163099.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.404 $\pm$ 0.058 χ^2 /NDF: 3220729.8/13

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.135 $\chi^2/\text{NDF}: 7.5/5$

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

Right Out: 0.111 ± 0.103 $\chi^2/\text{NDF}: 16.2/7$

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

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

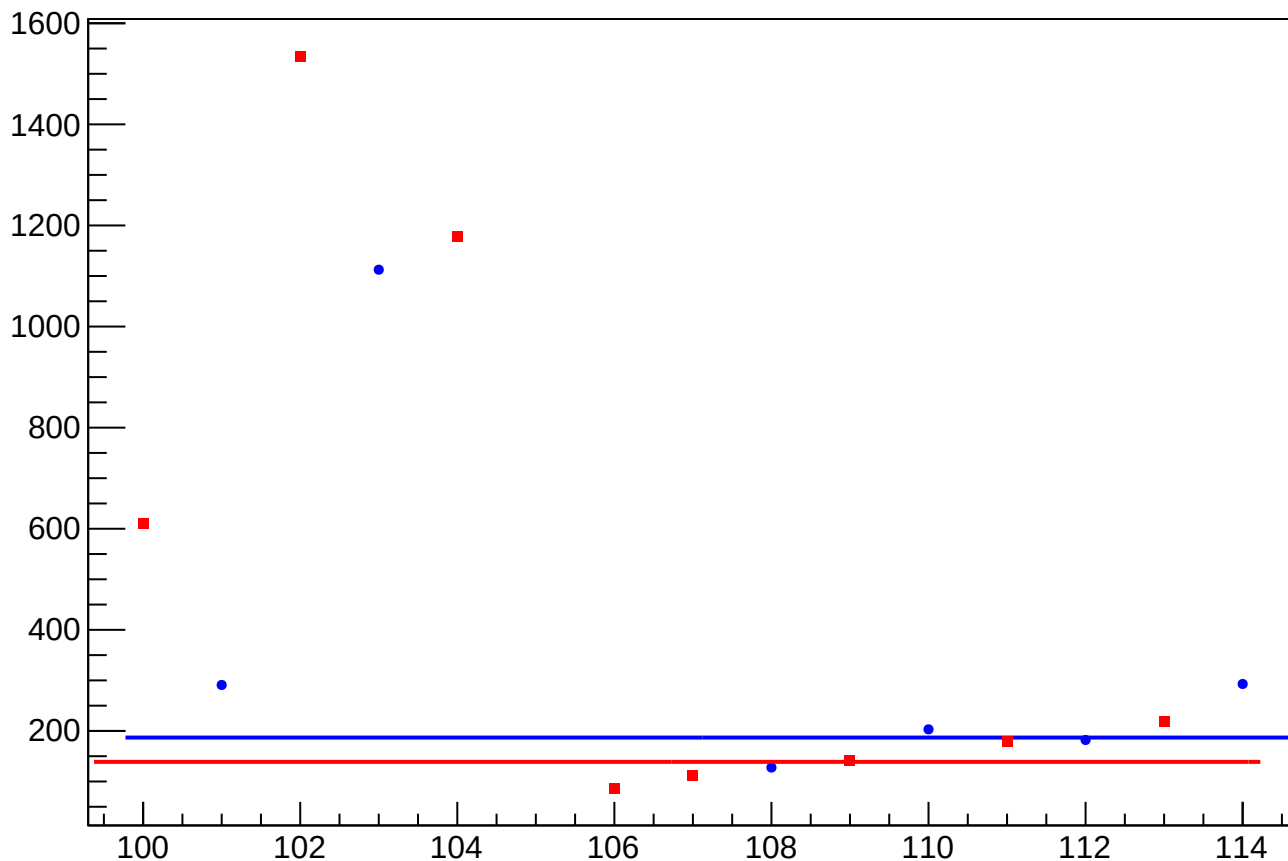
Right: 0.053 ± 0.082 $\chi^2/\text{NDF}: 24.6/13$

In: -0.047 ± 0.135 $\chi^2/\text{NDF}: 7.5/5$

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

All: 0.053 ± 0.082 $\chi^2/\text{NDF}: 24.6/13$

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.887+/-0.096 χ^2/NDF : 1163099.6/5

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

Right Out: 138.833+/-0.073 χ^2/NDF : 1897575.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

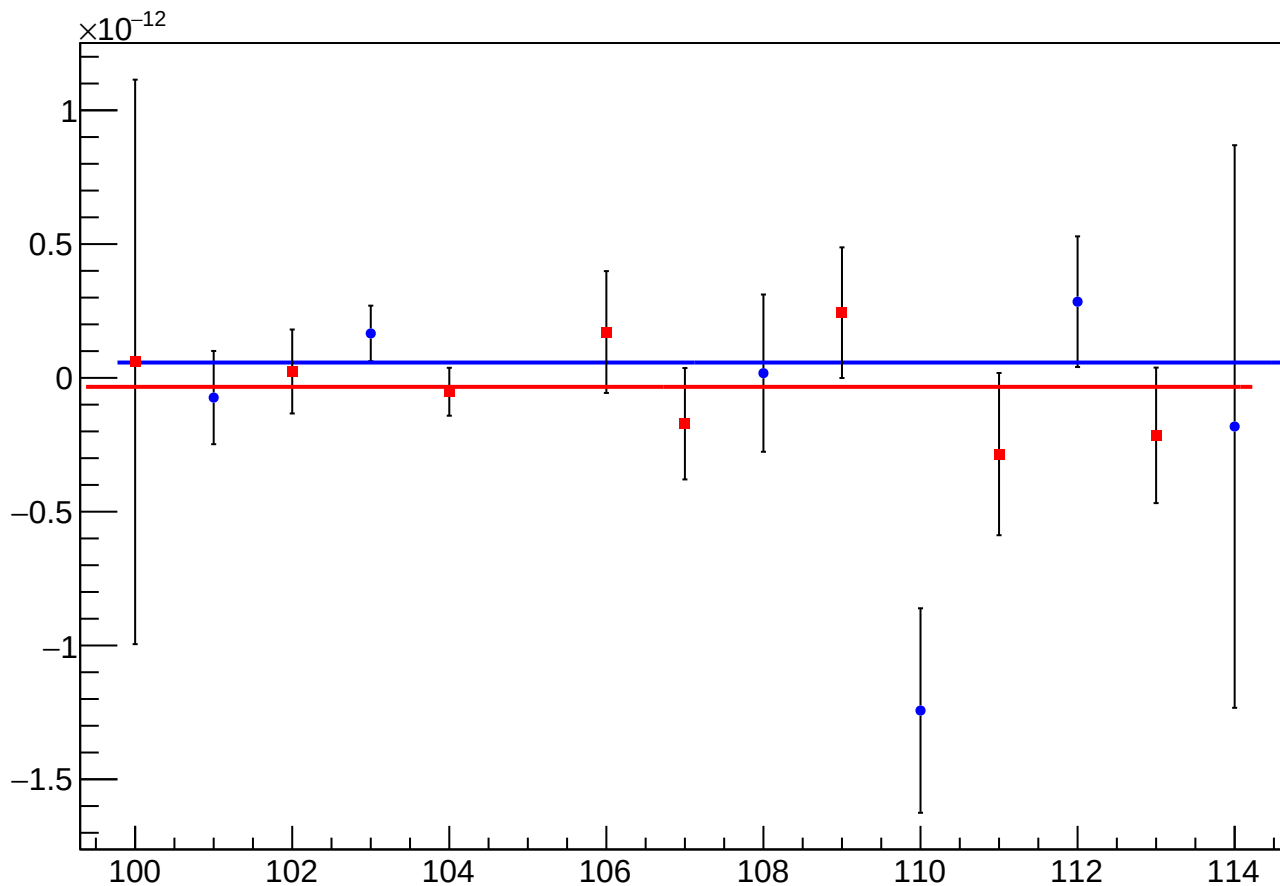
Right: 156.404+/-0.058 χ^2/NDF : 3220729.8/13

In: 186.887+/-0.096 χ^2/NDF : 1163099.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.404+/-0.058 χ^2/NDF : 3220729.8/13

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

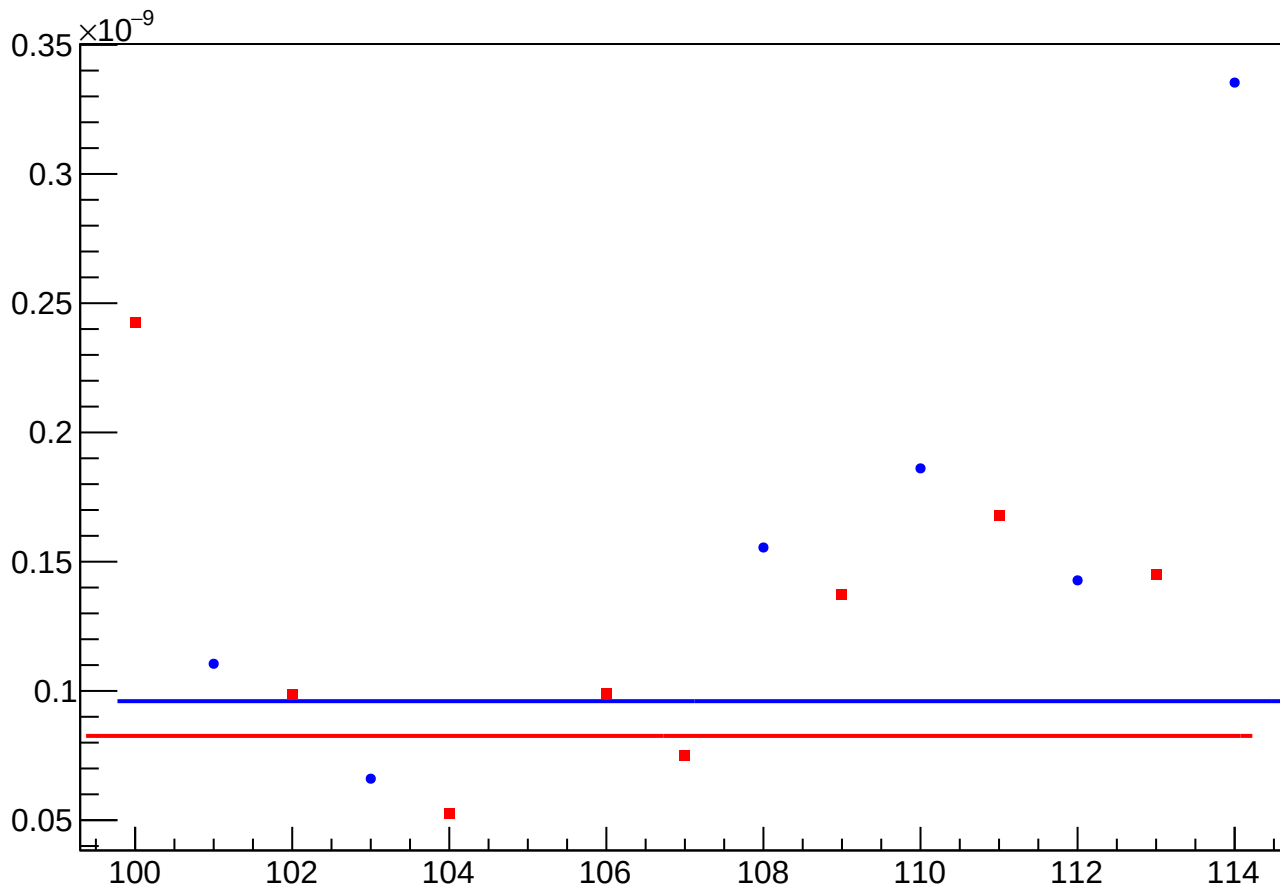
Right: 0.000+/-0.000 χ^2/NDF : 18.9/13

In: 0.000+/-0.000 χ^2/NDF : 14.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.9/13

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

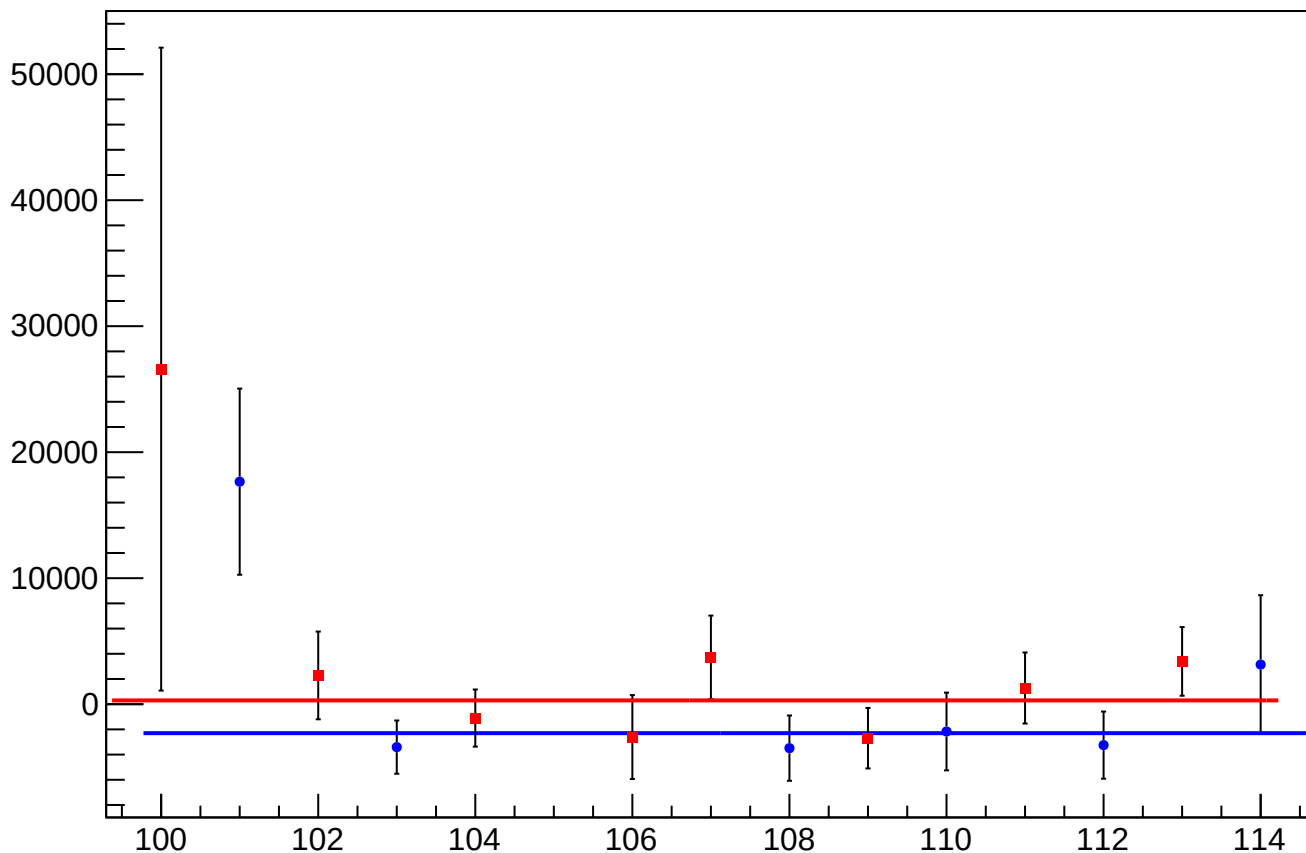
Right: 0.000+/-0.000 χ^2/NDF : 1271933.2/13

In: 0.000+/-0.000 χ^2/NDF : 550621.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1271933.2/13

reg_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

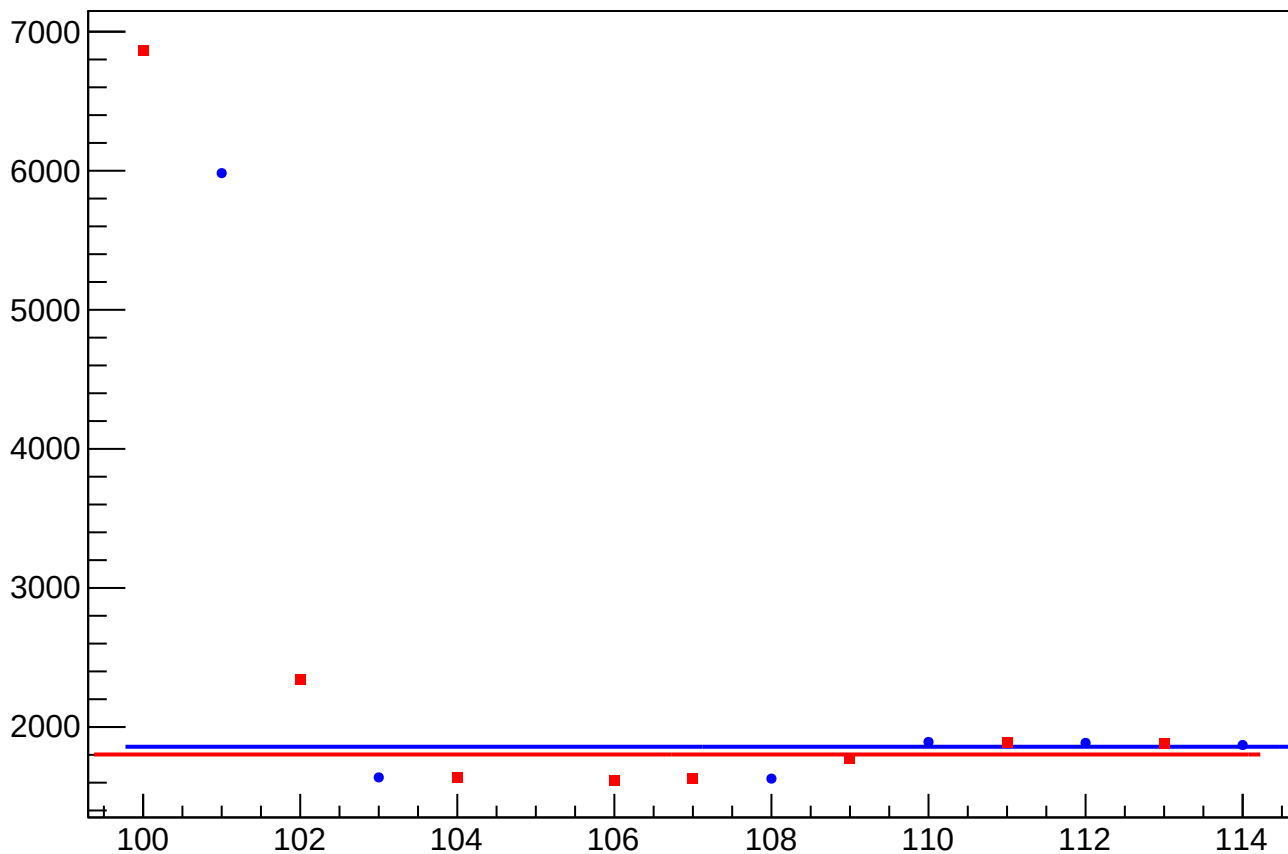
Right: -814.480+/-799.788 χ^2/NDF : 18.0/13

In: -2299.883+/-1221.595 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -814.480+/-799.788 χ^2/NDF : 18.0/13

reg_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

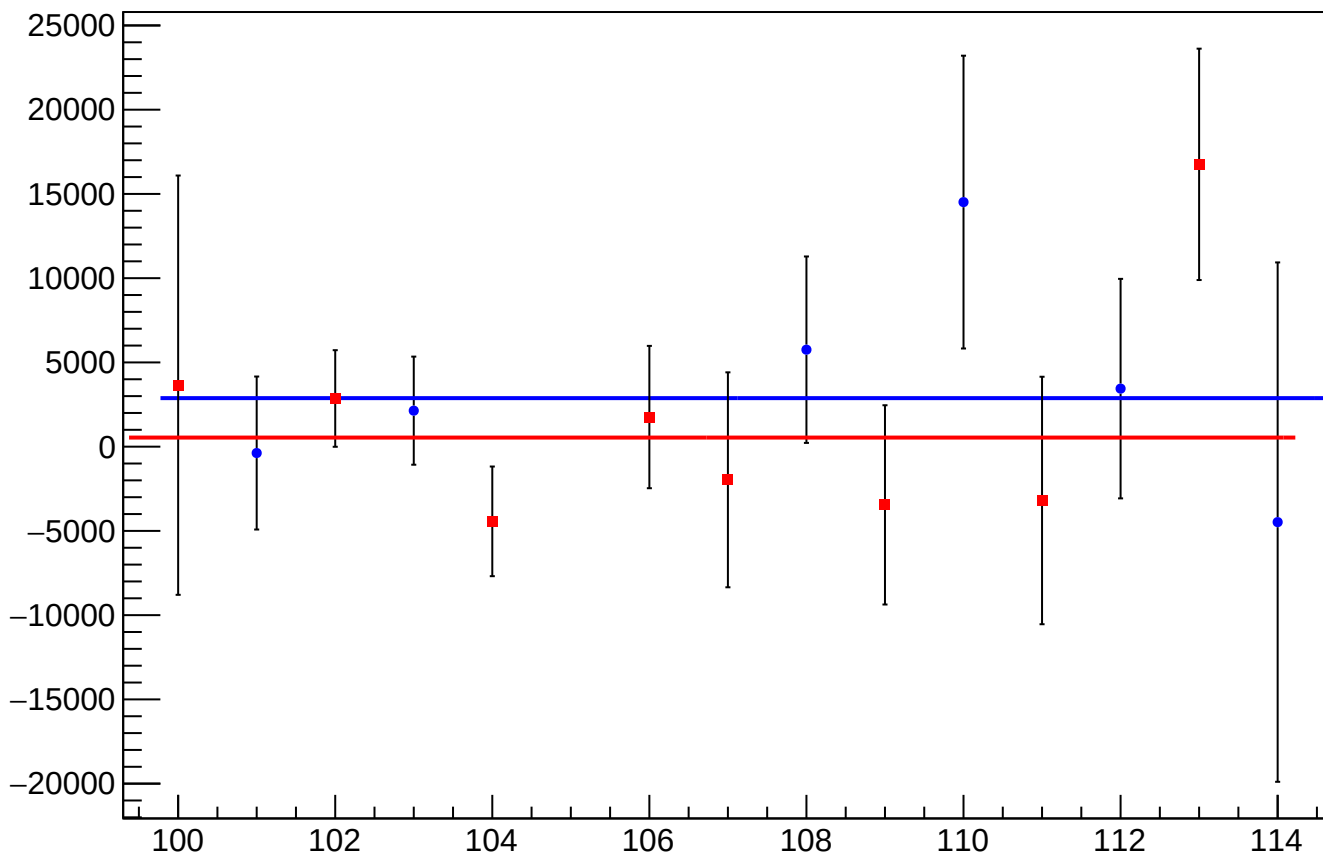
Right: 1826.226+/-0.563 χ^2/NDF : 818537.0/13

In: 1858.190+/-0.864 χ^2/NDF : 661447.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1826.226+/-0.563 χ^2/NDF : 818537.0/13

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

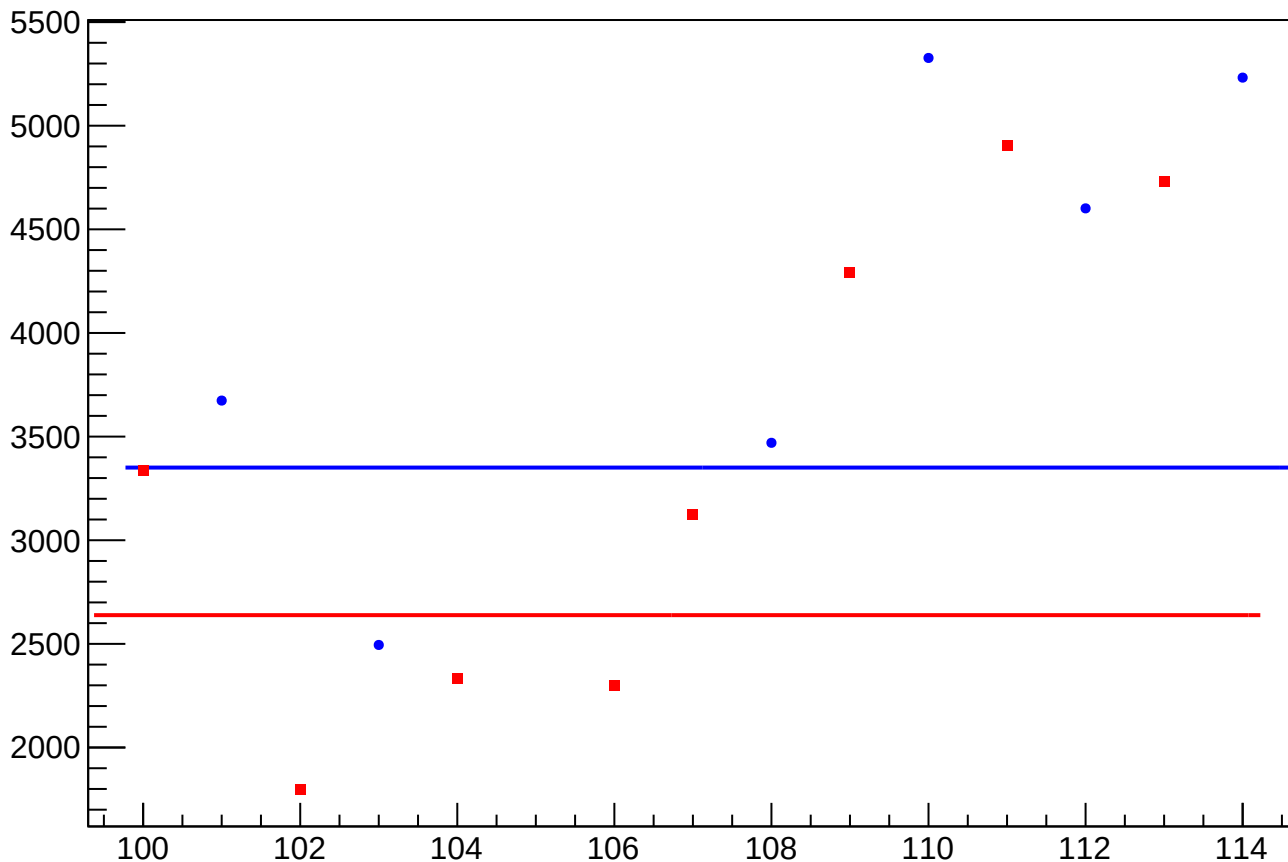
Right: 1408.636+/-1300.880 χ^2 /NDF: 13.2/13

In: 2880.479+/-2135.086 χ^2 /NDF:2.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1408.636+/-1300.880 χ^2 /NDF: 13.2/13

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3350.577+/-1.510 χ^2/NDF : 360346.0/5

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

Right Out: 2638.586+/-1.160 χ^2/NDF : 753243.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

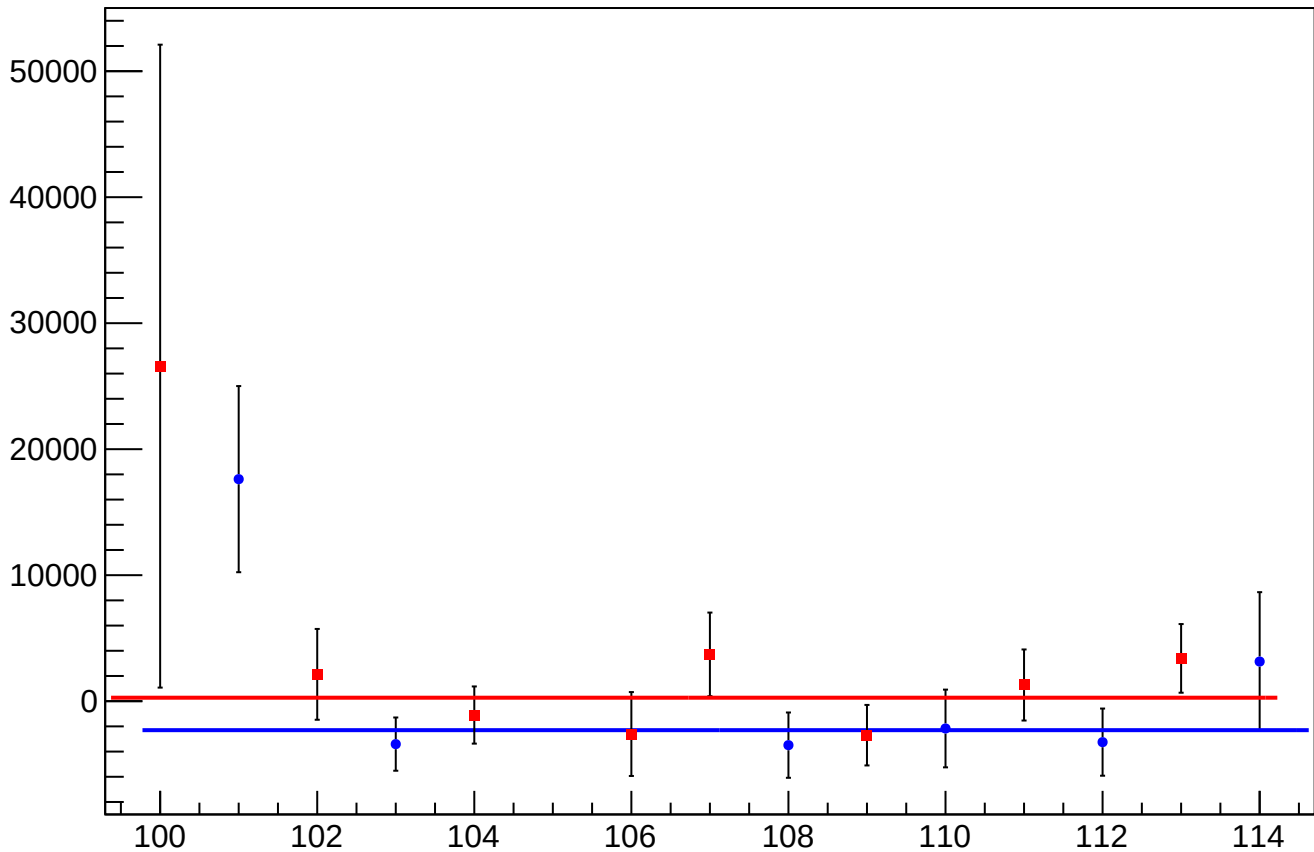
Right: 2902.899+/-0.920 χ^2/NDF : 1253431.7/13

In: 3350.577+/-1.510 χ^2/NDF : 360346.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2902.899+/-0.920 χ^2/NDF : 1253431.7/13

cor_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

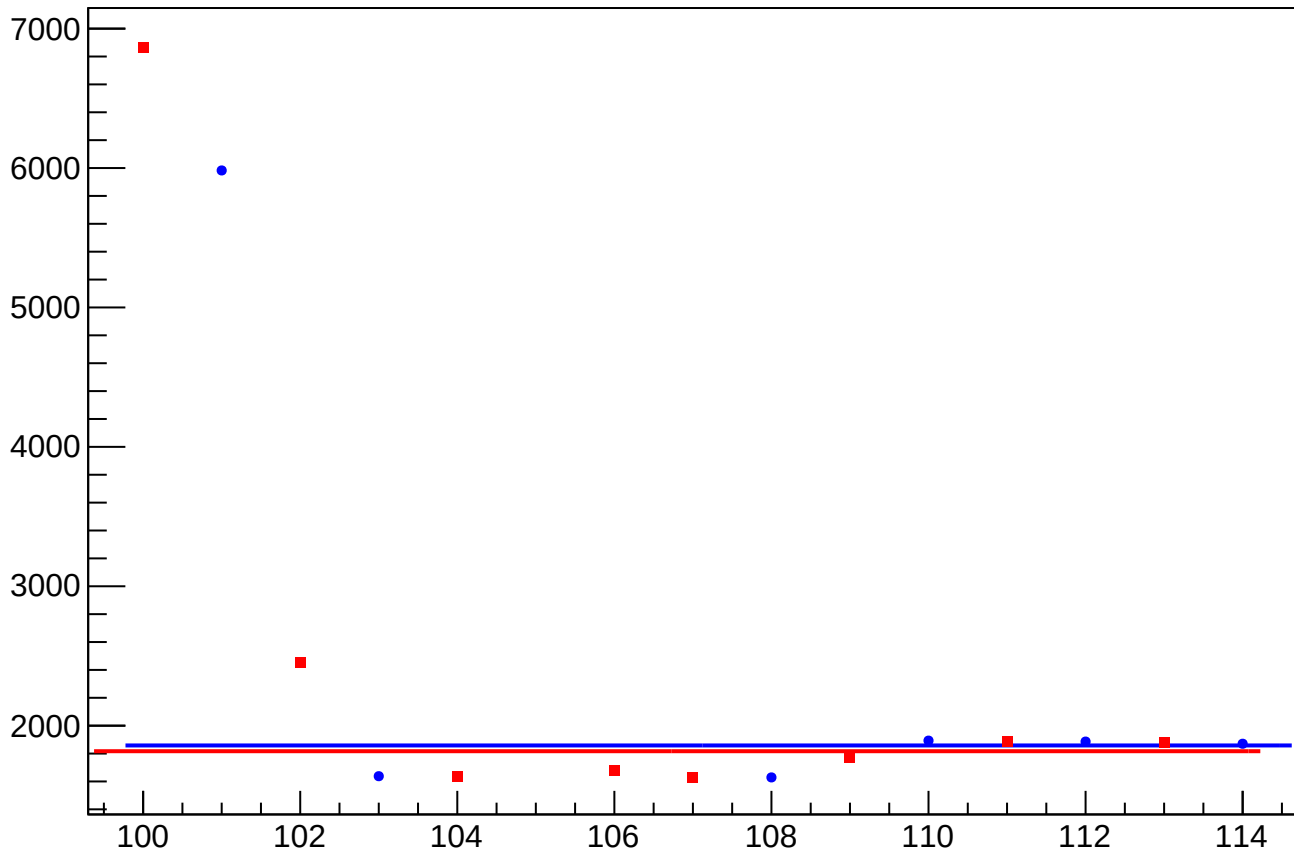
Right: -832.379+/-801.186 χ^2 /NDF: 17.9/13

In: -2300.571+/-1221.595 χ^2 /NDF:8.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -832.379+/-801.186 χ^2 /NDF: 17.9/13

cor_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

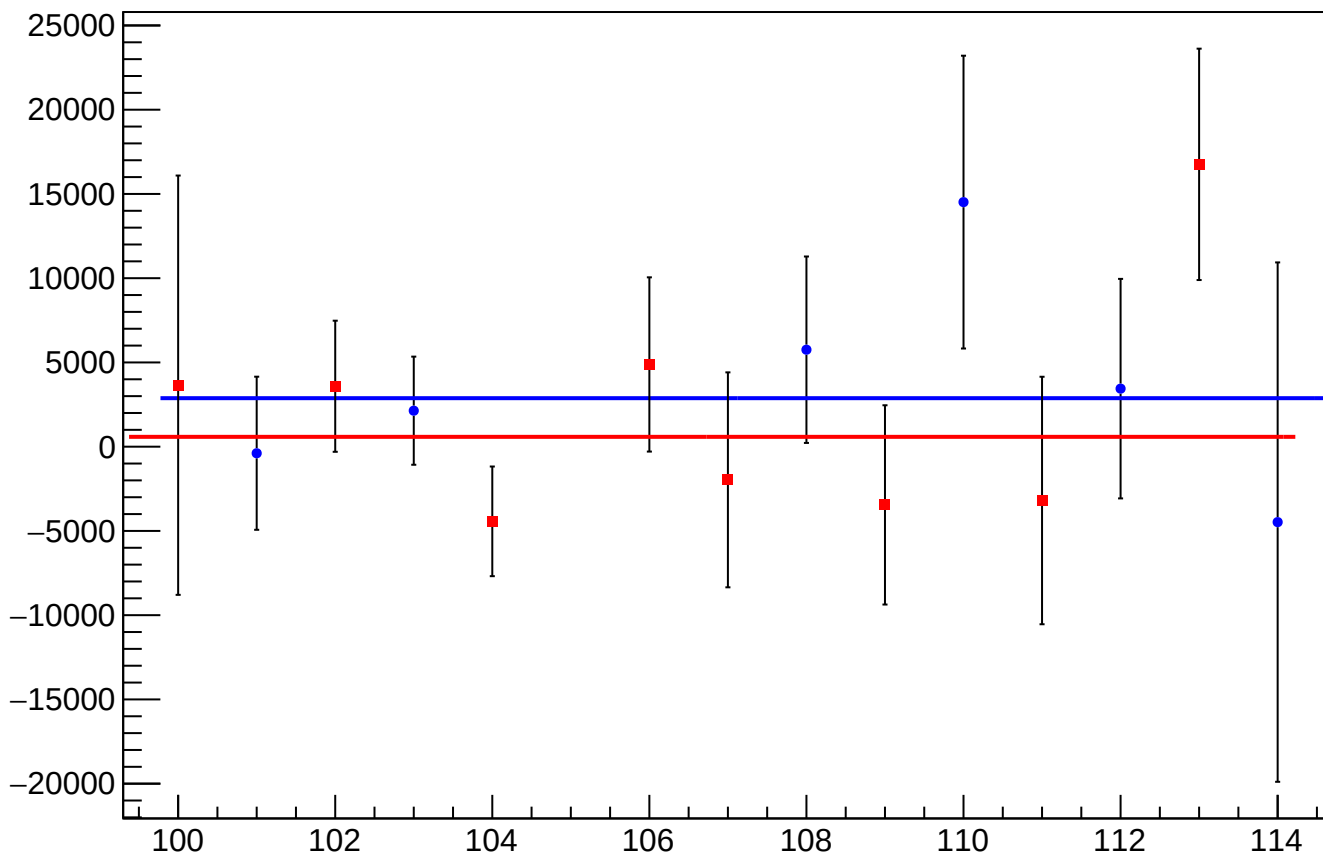
Right: 1834.580+/-0.565 χ^2/NDF : 829980.1/13

In: 1858.190+/-0.864 χ^2/NDF : 661447.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.580+/-0.565 χ^2/NDF : 829980.1/13

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

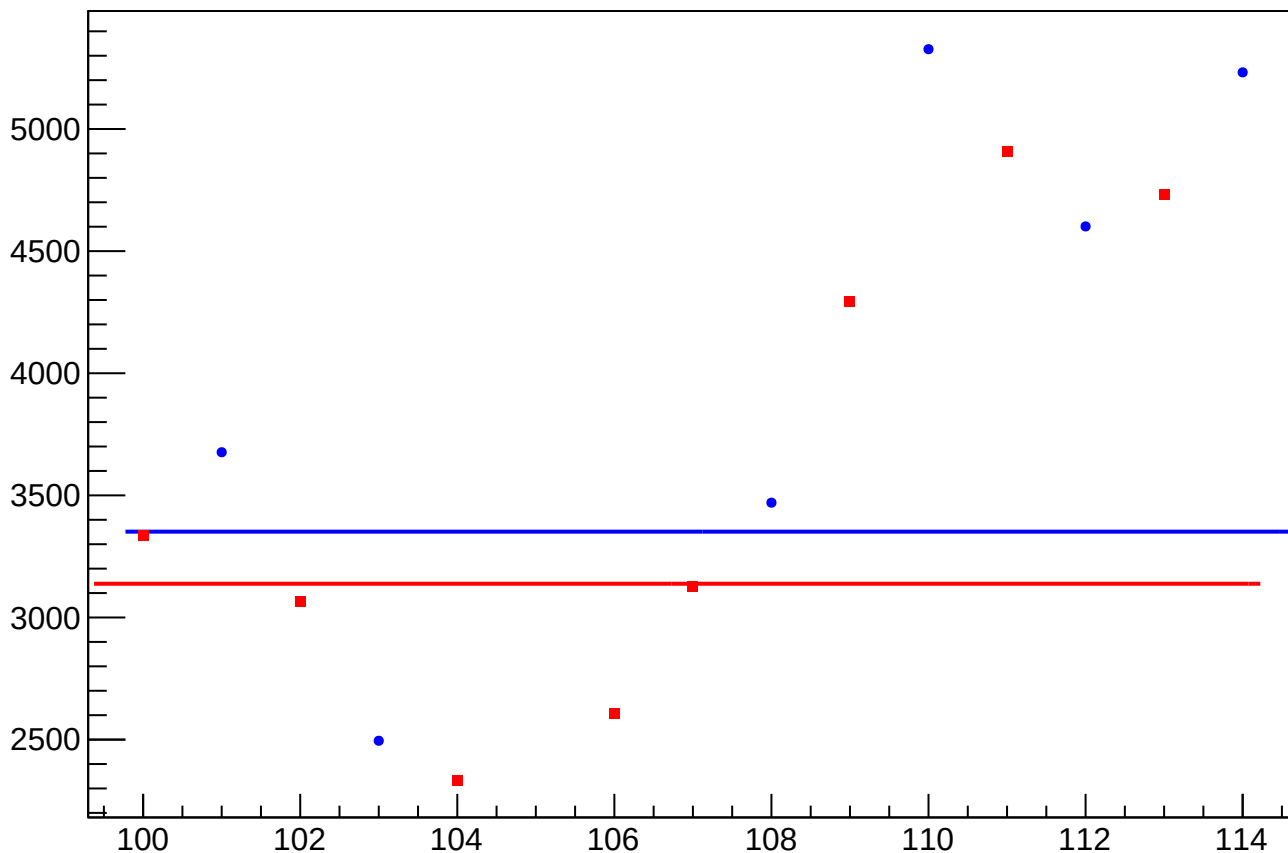
Right: 1558.218+/-1391.371 χ^2/NDF : 13.7/13

In: 2878.814+/-2135.608 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.218+/-1391.371 χ^2/NDF : 13.7/13

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

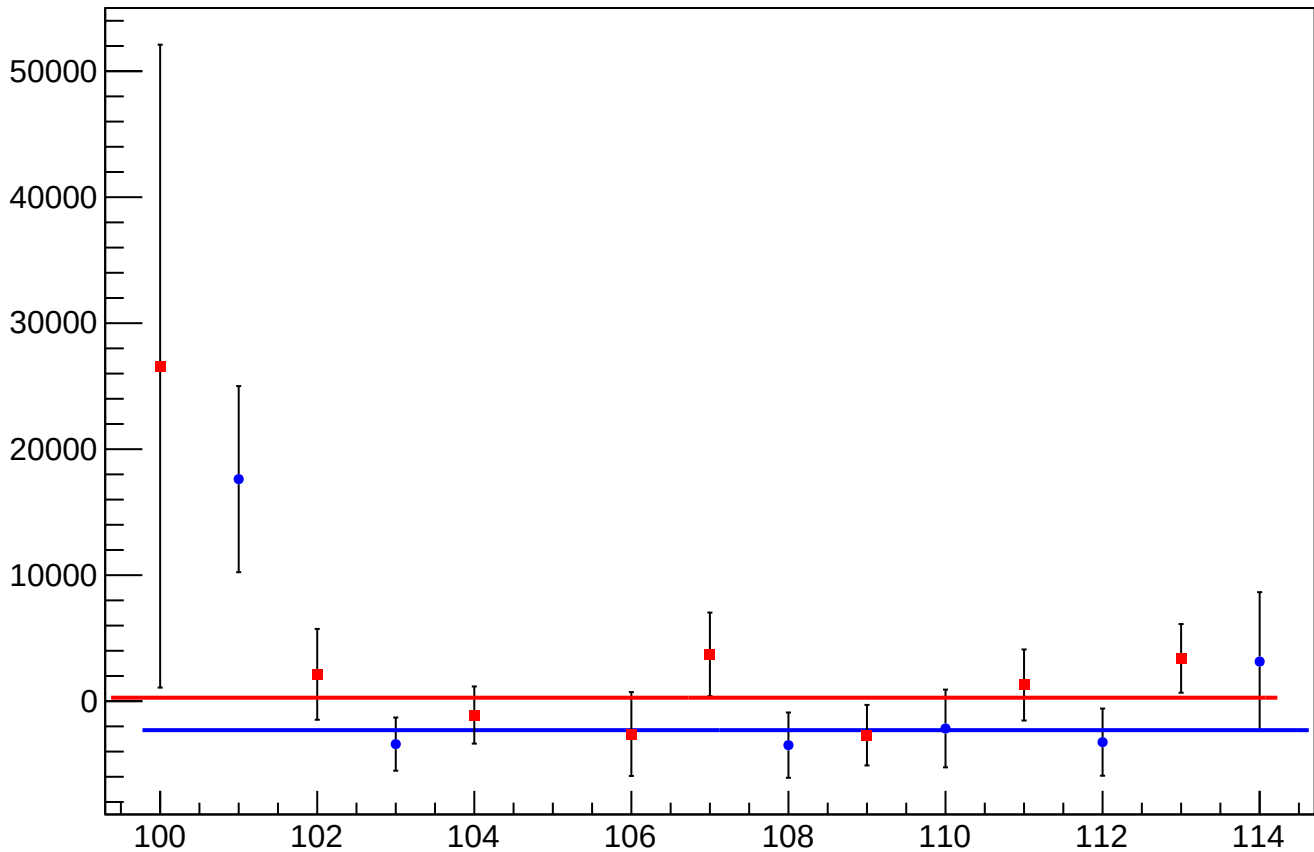
Right: 3228.681+/-0.984 χ^2/NDF : 815878.1/13

In: 3351.438+/-1.510 χ^2/NDF : 360299.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3228.681+/-0.984 χ^2/NDF : 815878.1/13

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

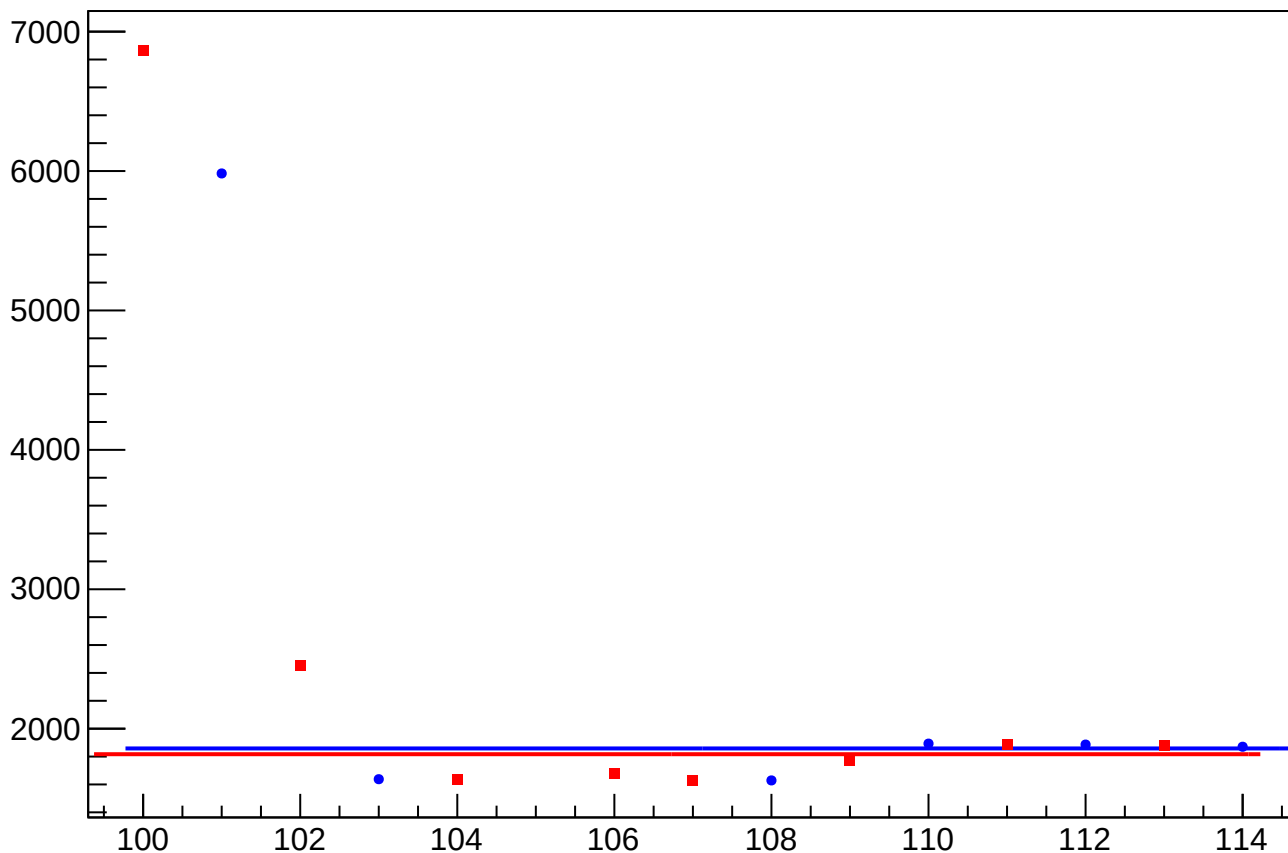
Right: -832.379+/-801.186 χ^2/NDF : 17.9/13

In: -2300.571+/-1221.595 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -832.379+/-801.186 χ^2/NDF : 17.9/13

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

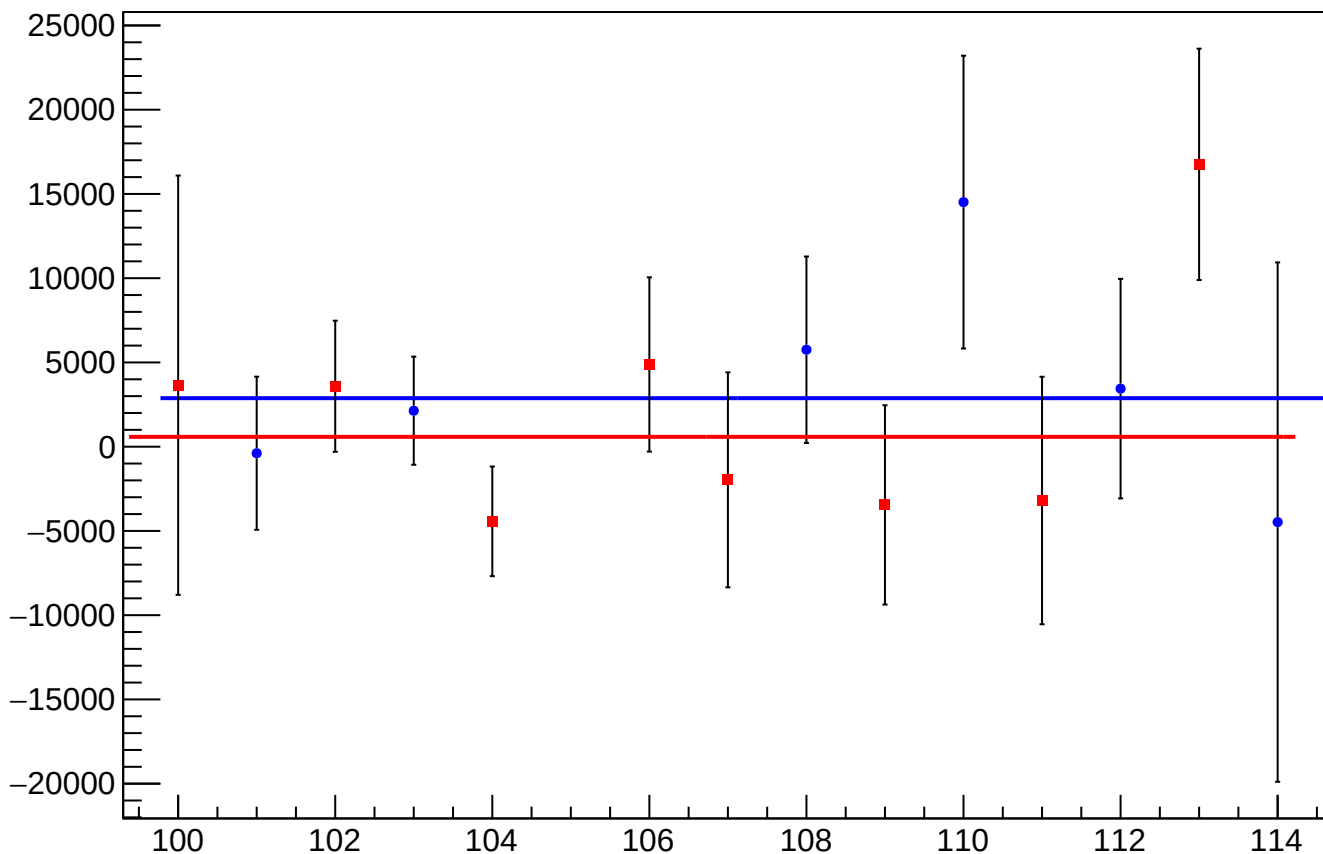
Right: 1834.580+/-0.565 χ^2/NDF : 829980.1/13

In: 1858.190+/-0.864 χ^2/NDF : 661447.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.580+/-0.565 χ^2/NDF : 829980.1/13

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

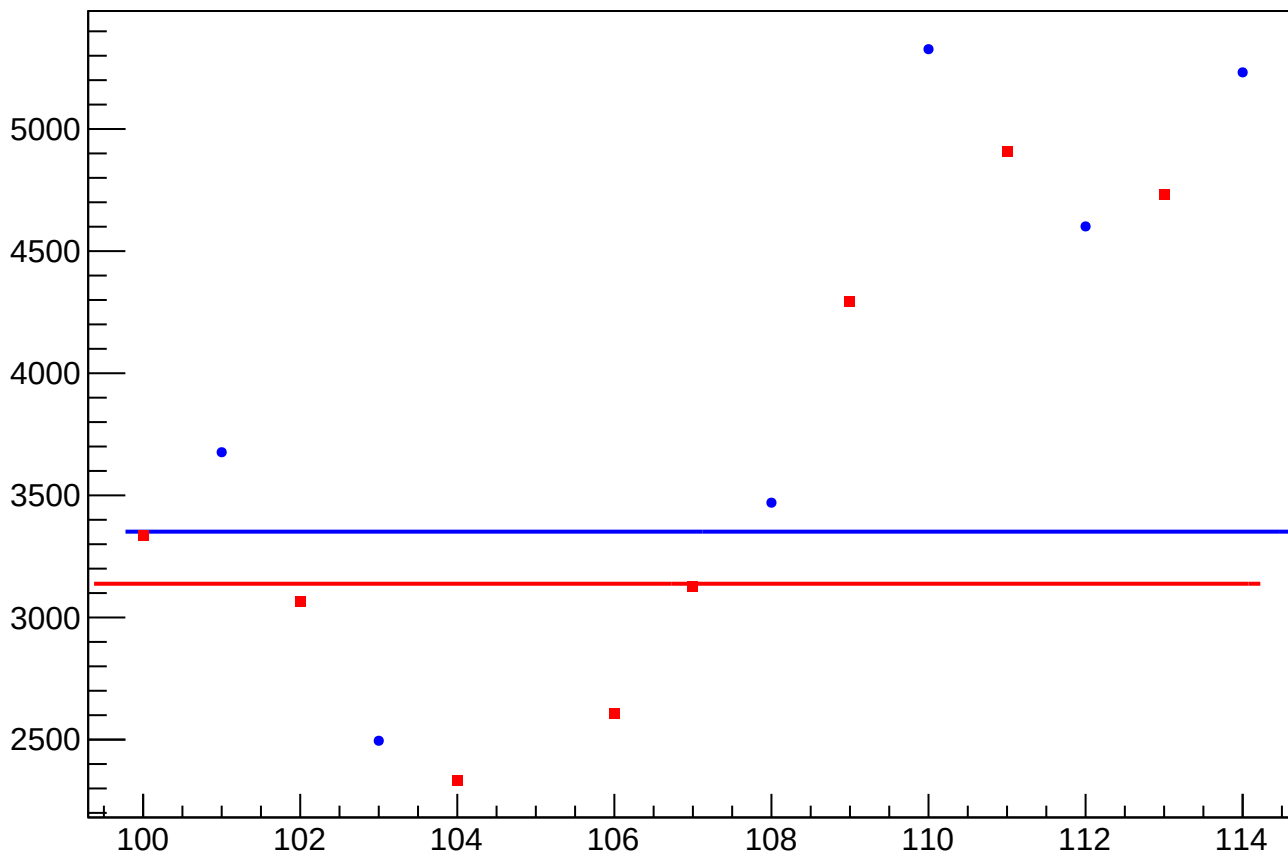
Right: 1558.218+/-1391.371 χ^2/NDF : 13.7/13

In: 2878.814+/-2135.608 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.218+/-1391.371 χ^2/NDF : 13.7/13

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

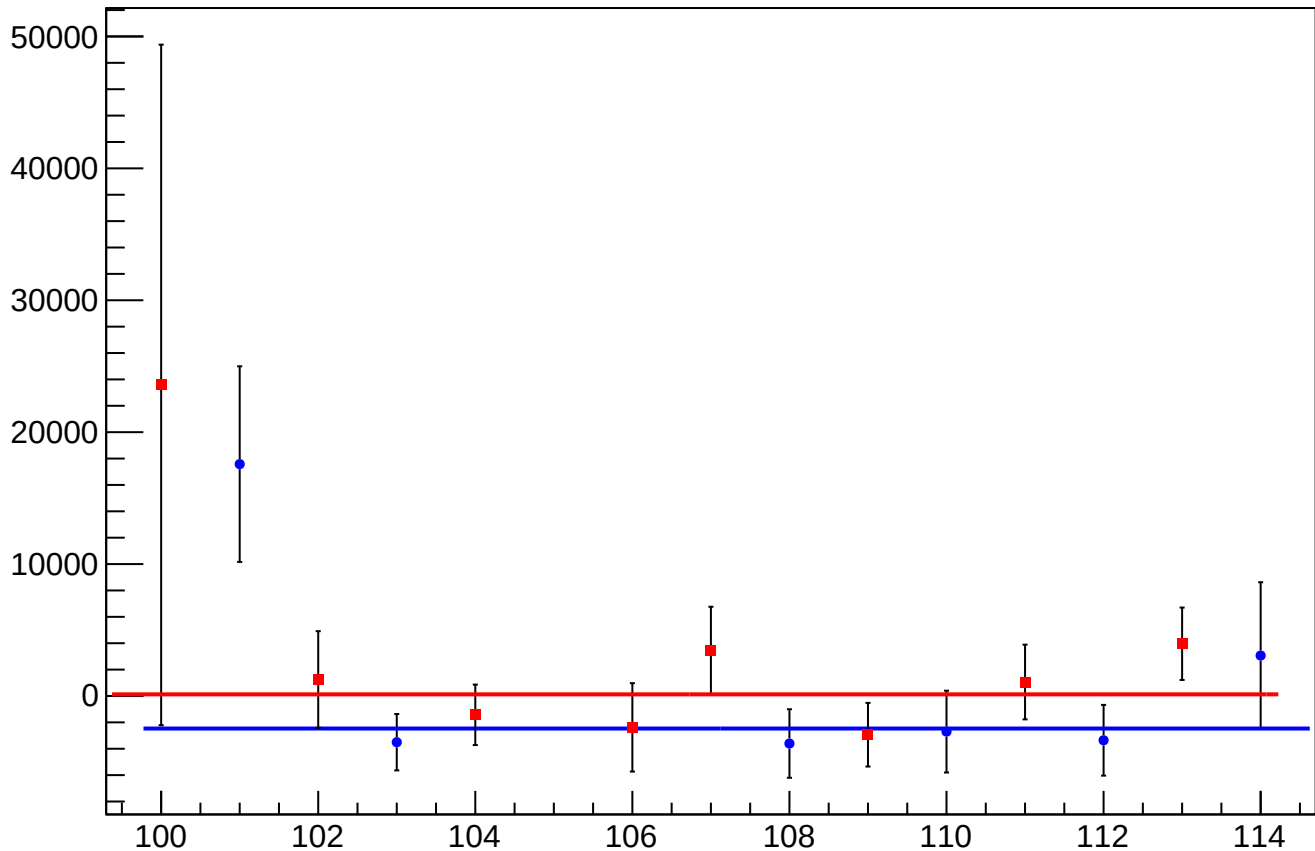
Right: 3228.681+/-0.984 χ^2/NDF : 815878.1/13

In: 3351.438+/-1.510 χ^2/NDF : 360299.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3228.681+/-0.984 χ^2/NDF : 815878.1/13

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2466.569 $\pm$ 1230.306 χ^2/NDF : 8.8/5

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

Right Out: 123.866 $\pm$ 1069.251 χ^2/NDF : 6.6/7

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

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

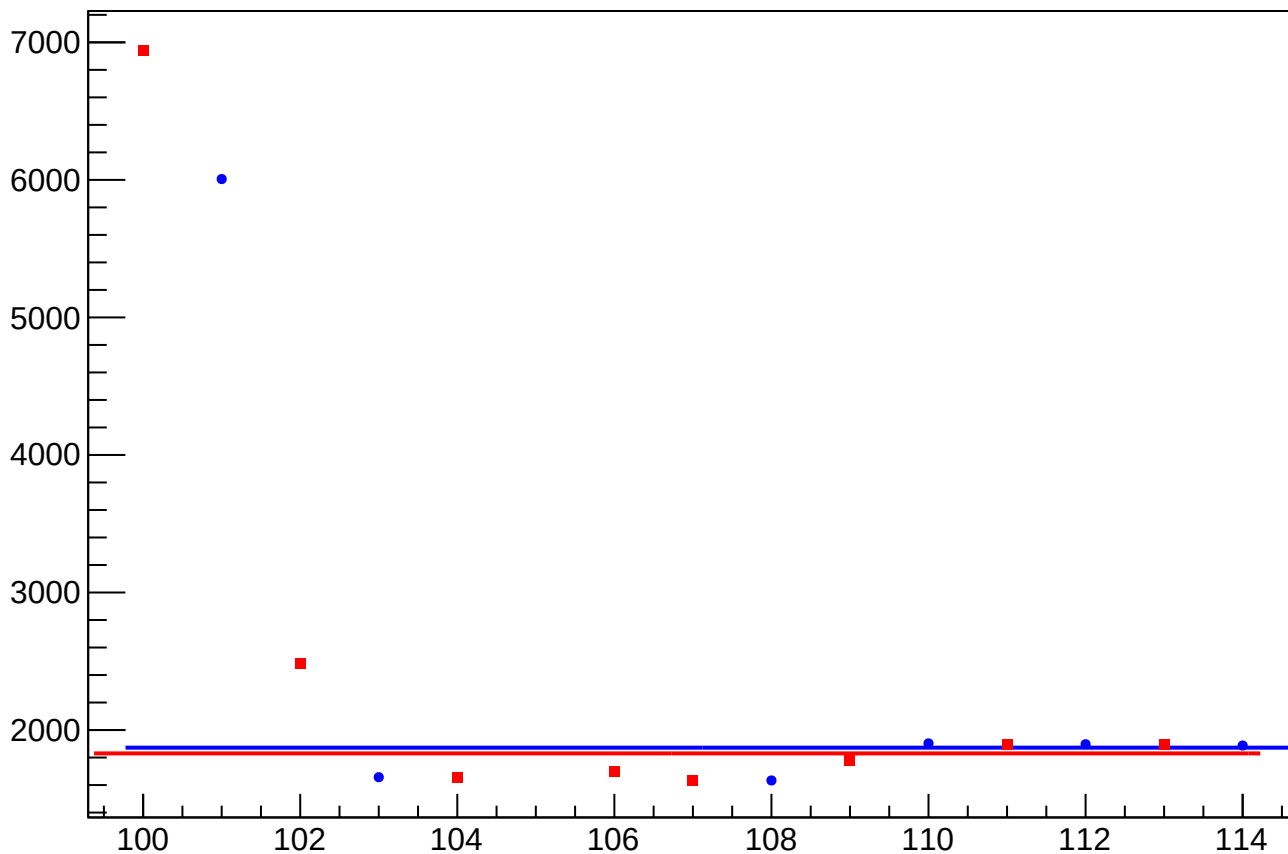
Right: -990.809 $\pm$ 807.051 χ^2/NDF : 18.0/13

In: -2466.569 $\pm$ 1230.306 χ^2/NDF : 8.8/5

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

All: -990.809 $\pm$ 807.051 χ^2/NDF : 18.0/13

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

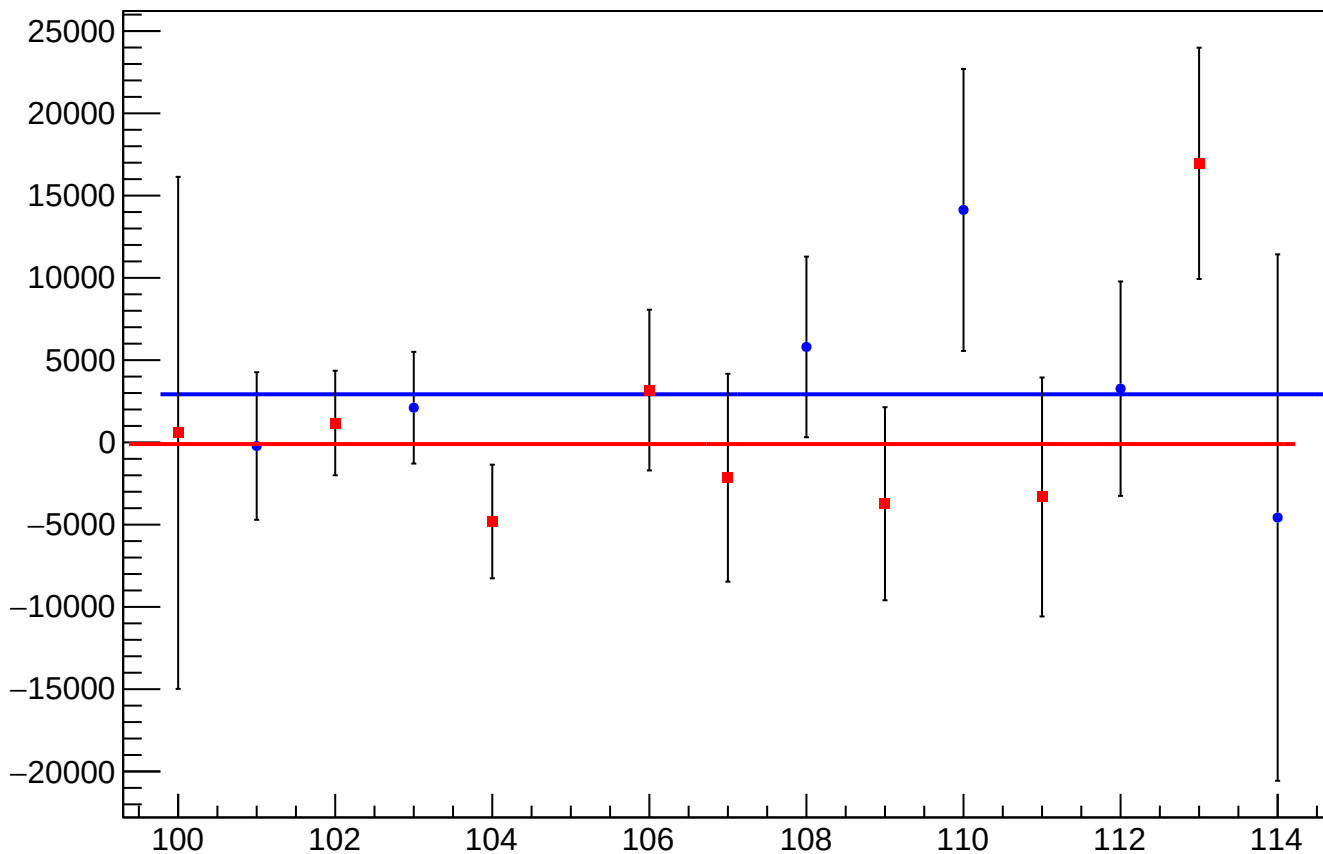
Right: 1848.077+/-0.570 χ^2/NDF : 827440.9/13

In: 1871.924+/-0.870 χ^2/NDF : 658913.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.077+/-0.570 χ^2/NDF : 827440.9/13

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

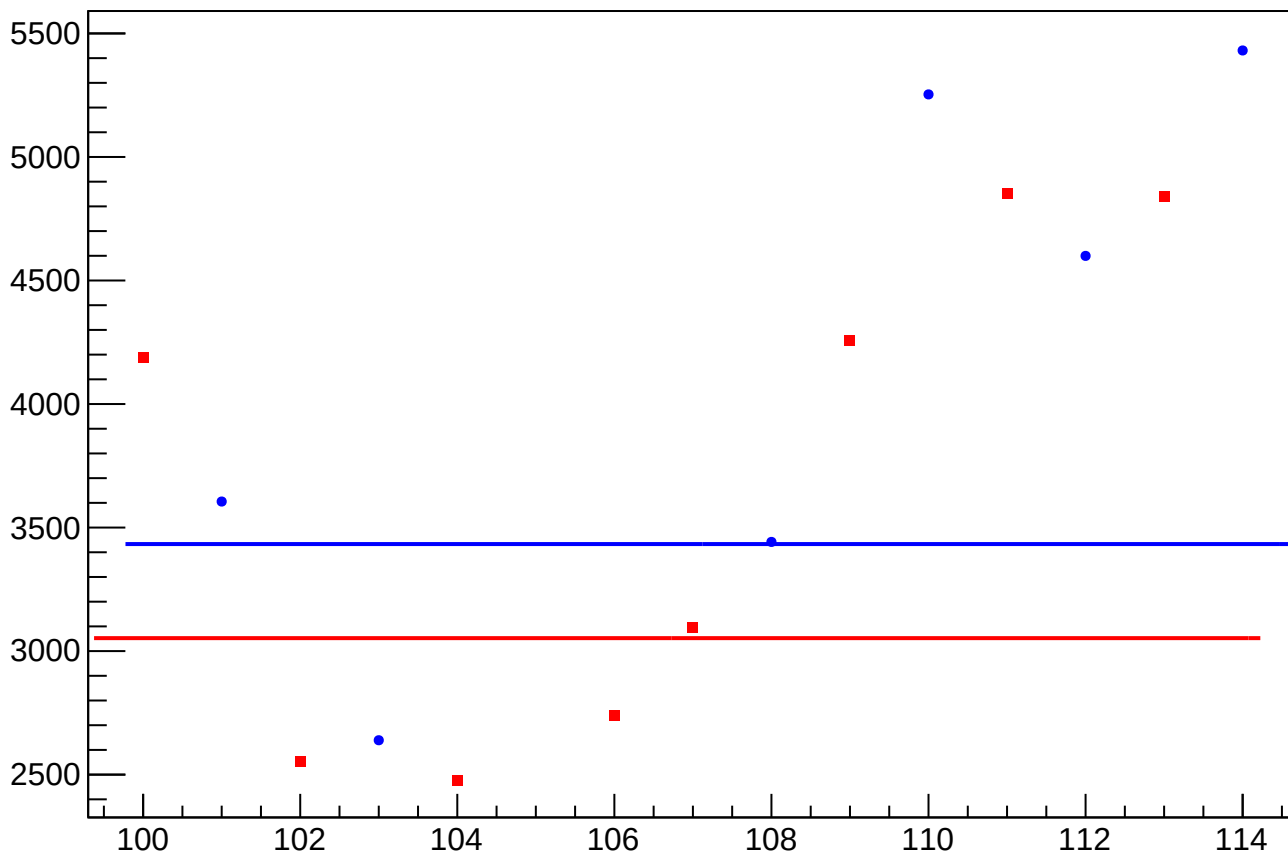
Right: 1094.339+/-1369.550 χ^2 /NDF: 13.0/13

In: 2923.218+/-2178.293 χ^2 /NDF:2.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1094.339+/-1369.550 χ^2 /NDF: 13.0/13

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3433.220+/-1.540 χ^2/NDF : 297885.5/5

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

Right Out: 3052.443+/-1.245 χ^2/NDF : 460444.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

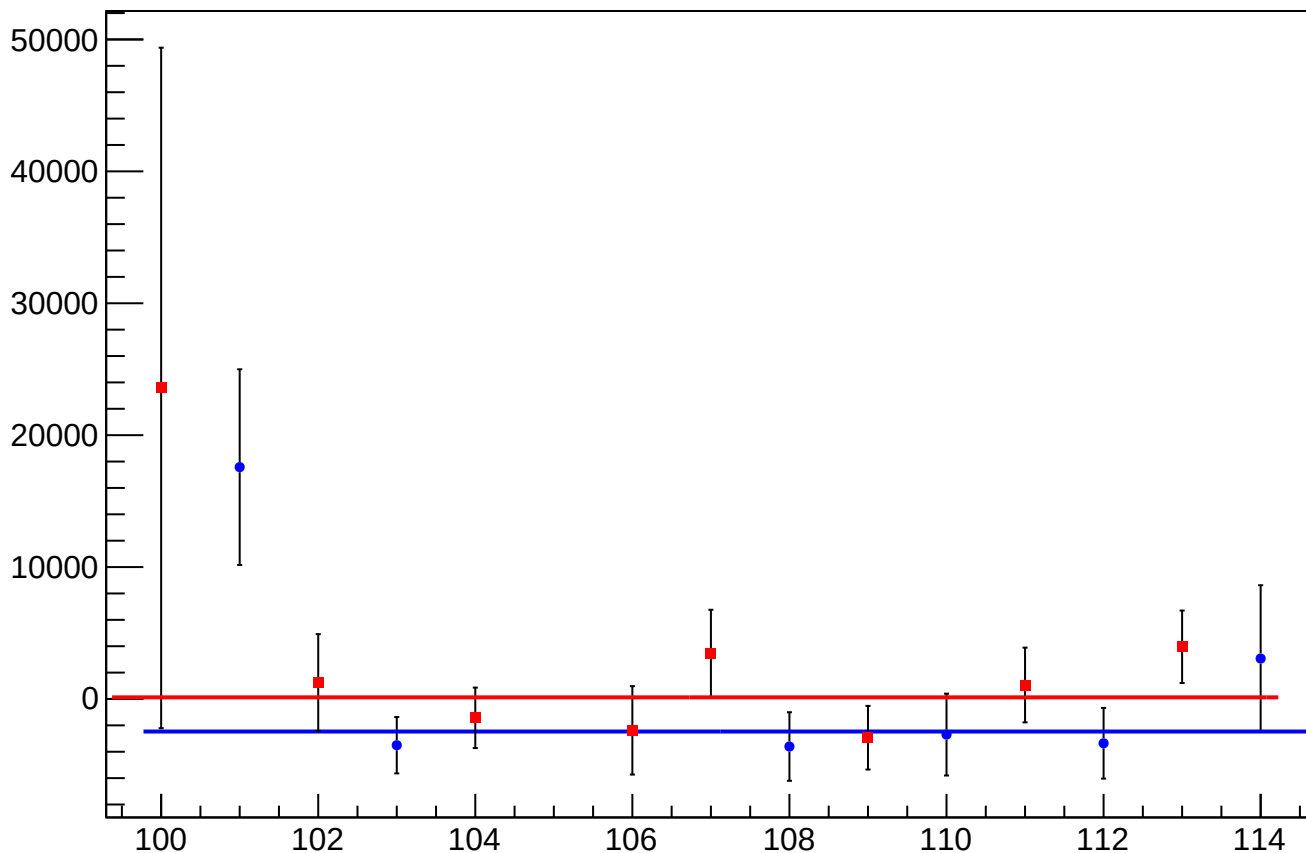
Right: 3202.963+/-0.968 χ^2/NDF : 795285.9/13

In: 3433.220+/-1.540 χ^2/NDF : 297885.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.963+/-0.968 χ^2/NDF : 795285.9/13

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2466.572+/-1230.306 χ^2/NDF : 8.8/5

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

Right Out: 123.861+/-1069.251 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

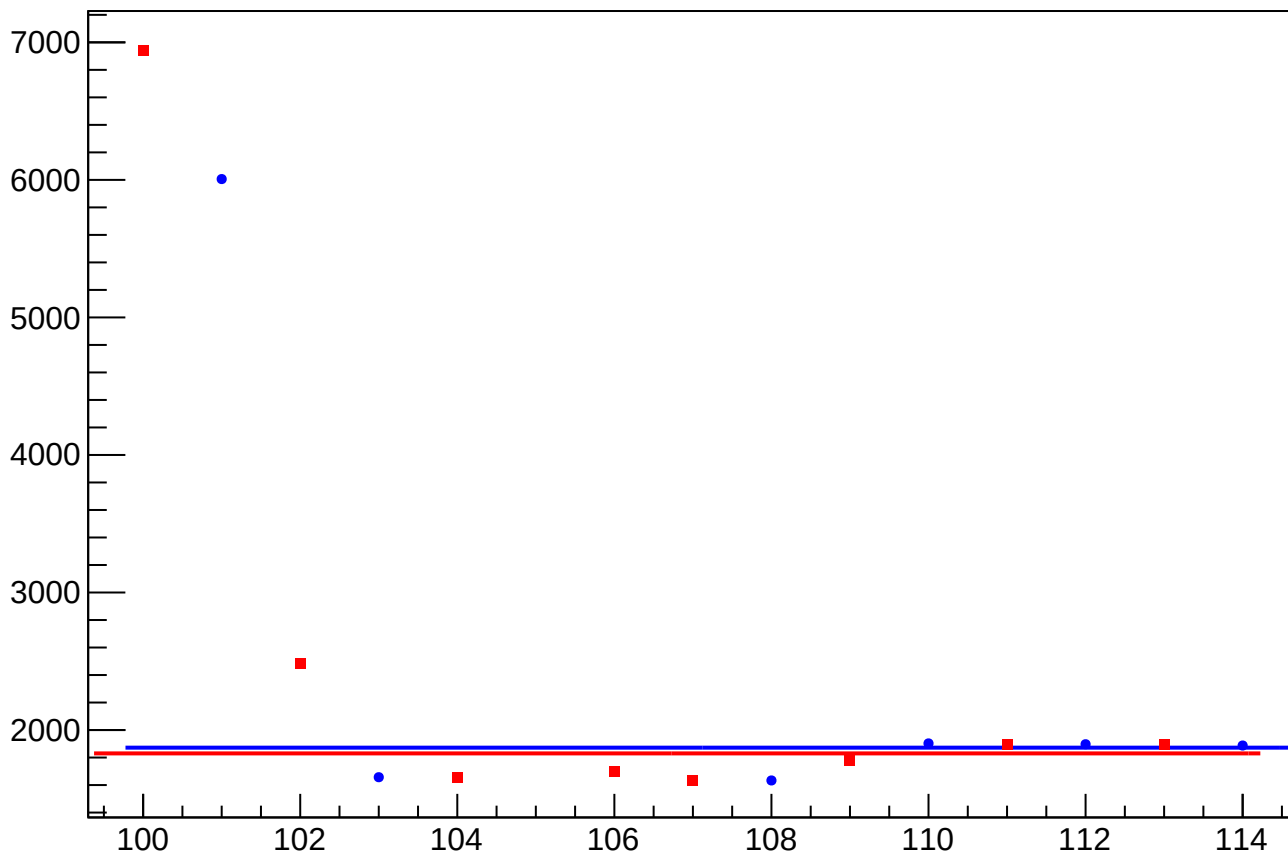
Right: -990.813+/-807.051 χ^2/NDF : 18.0/13

In: -2466.572+/-1230.306 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -990.813+/-807.051 χ^2/NDF : 18.0/13

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

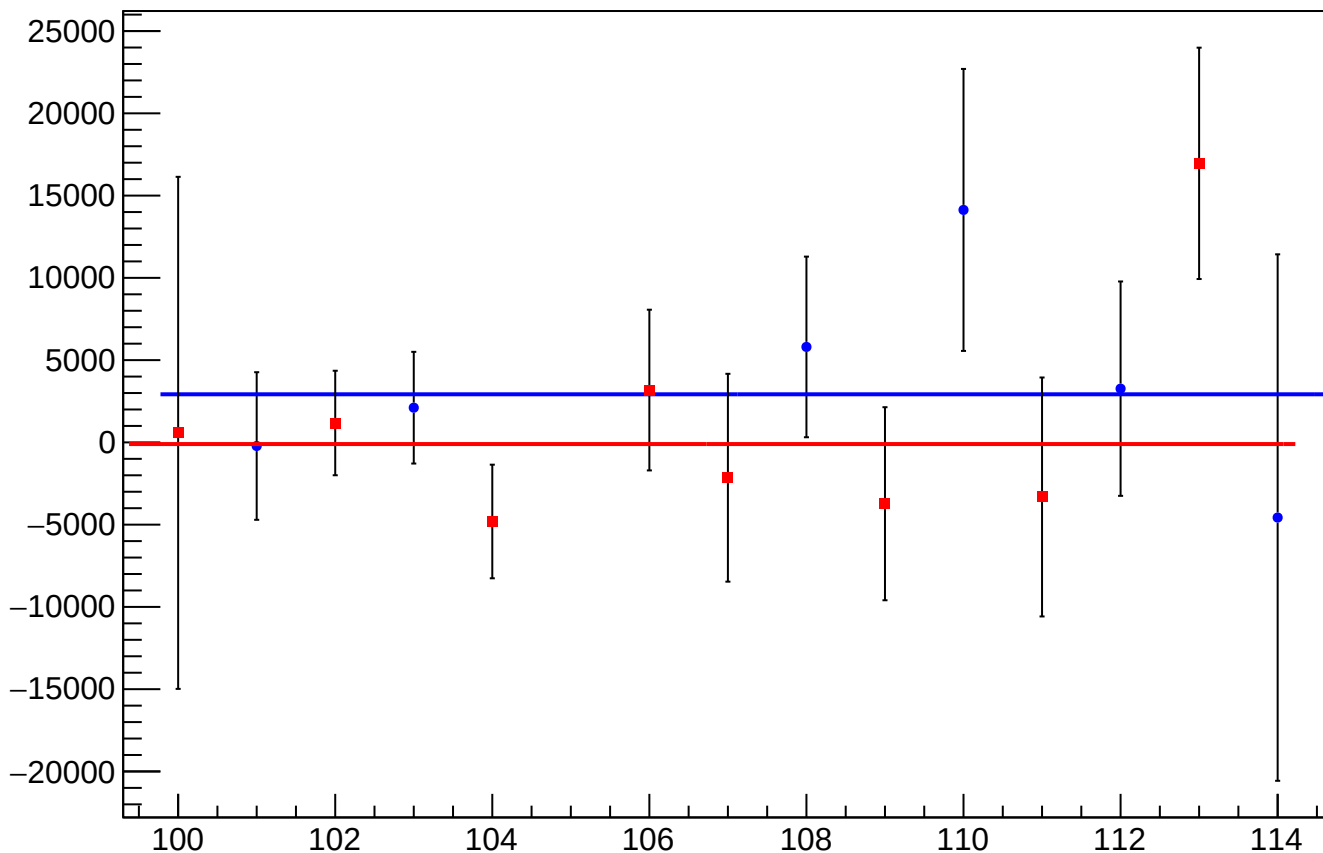
Right: 1848.077+/-0.570 χ^2/NDF : 827440.9/13

In: 1871.924+/-0.870 χ^2/NDF : 658913.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.077+/-0.570 χ^2/NDF : 827440.9/13

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

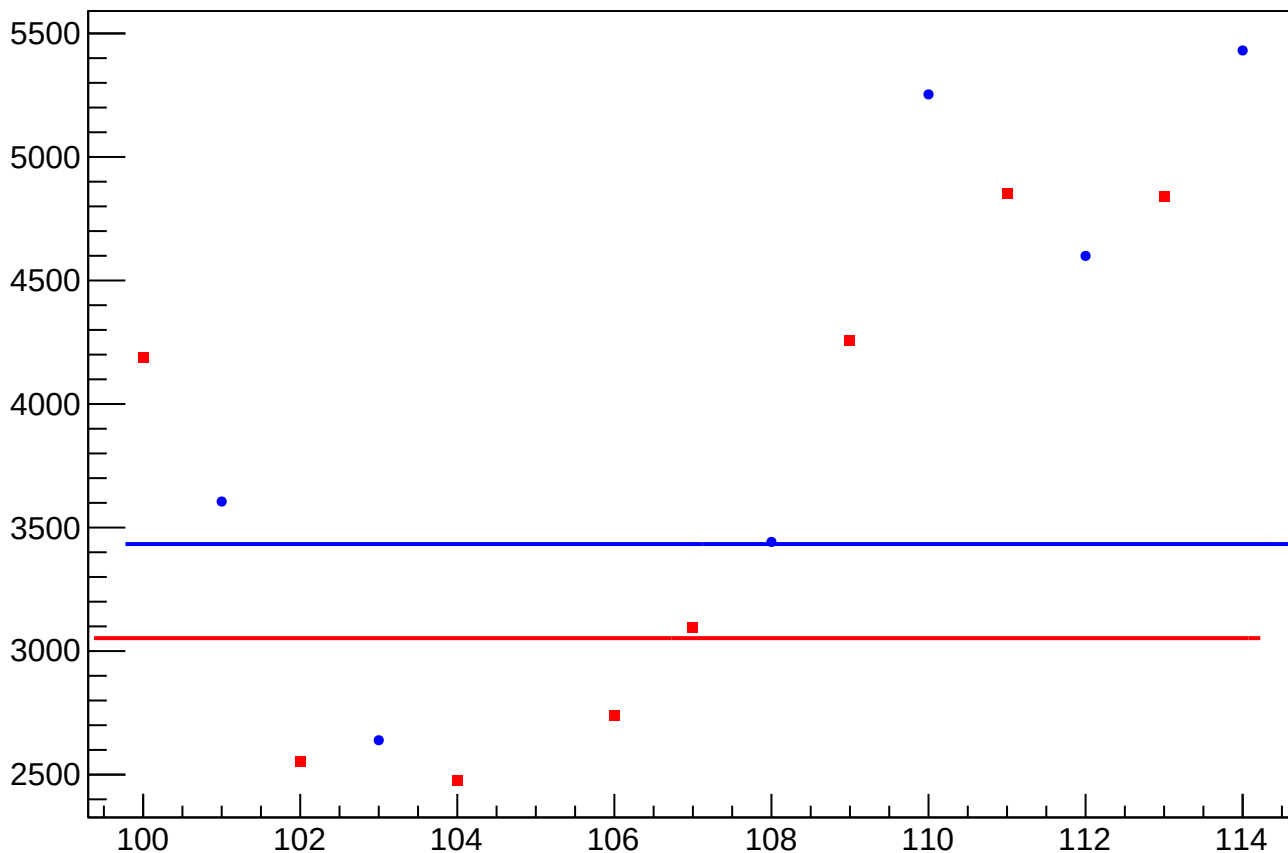
Right: 1094.339+/-1369.549 χ^2/NDF : 13.0/13

In: 2923.222+/-2178.292 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.339+/-1369.549 χ^2/NDF : 13.0/13

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3433.219+/-1.540 χ^2/NDF : 297883.8/5

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

Right Out: 3052.440+/-1.245 χ^2/NDF : 460442.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

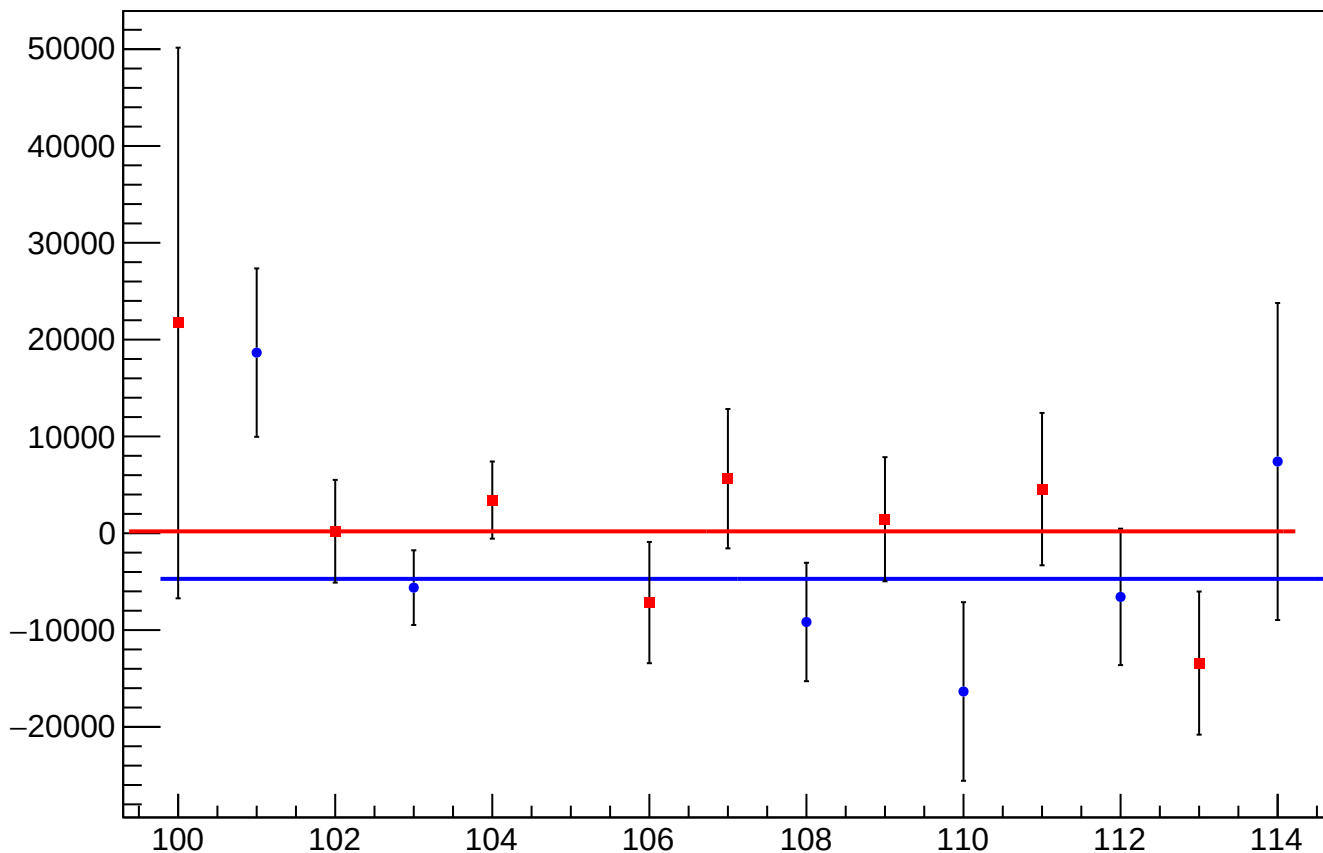
Right: 3202.961+/-0.968 χ^2/NDF : 795282.7/13

In: 3433.219+/-1.540 χ^2/NDF : 297883.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.961+/-0.968 χ^2/NDF : 795282.7/13

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

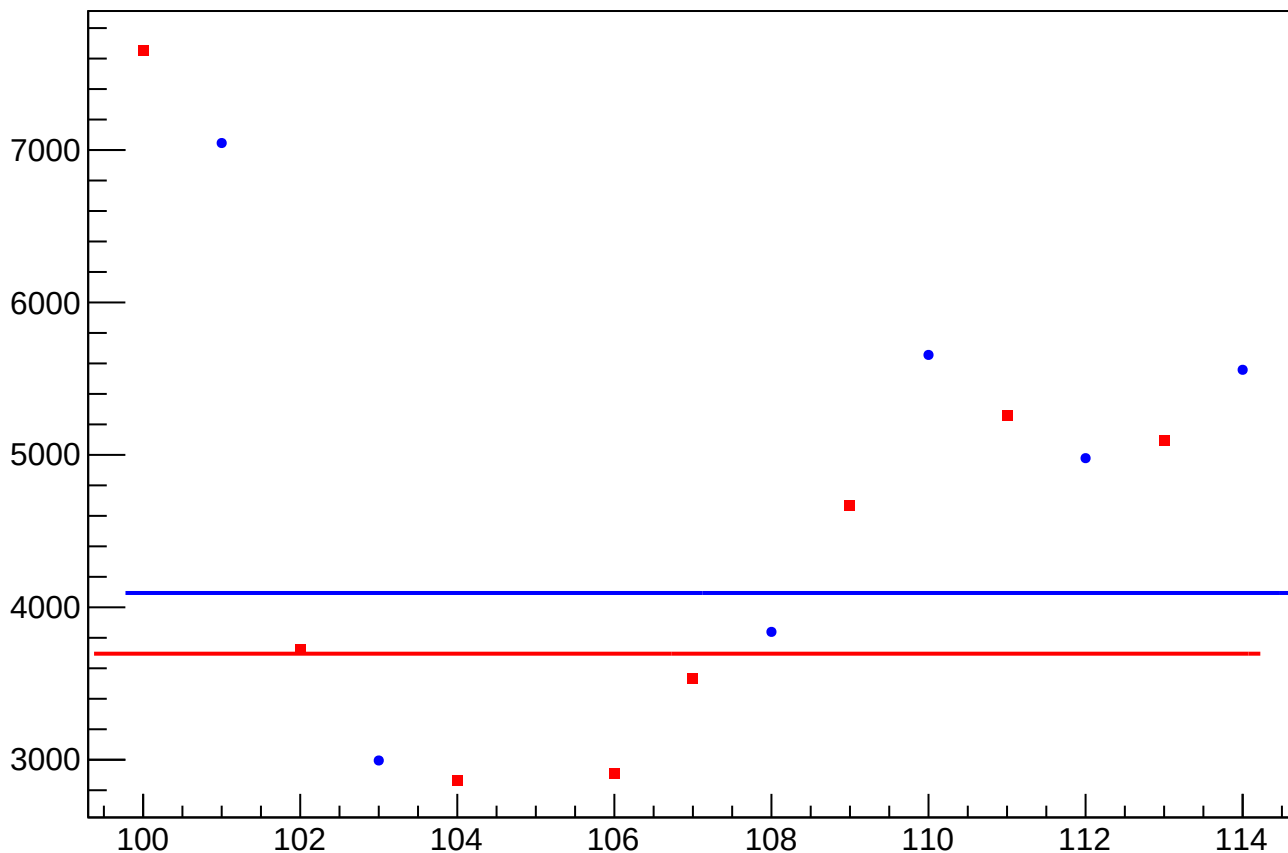
Right: -1828.028+/-1699.777 χ^2/NDF : 18.9/13

In: -4710.359+/-2646.486 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1828.028+/-1699.777 χ^2/NDF : 18.9/13

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

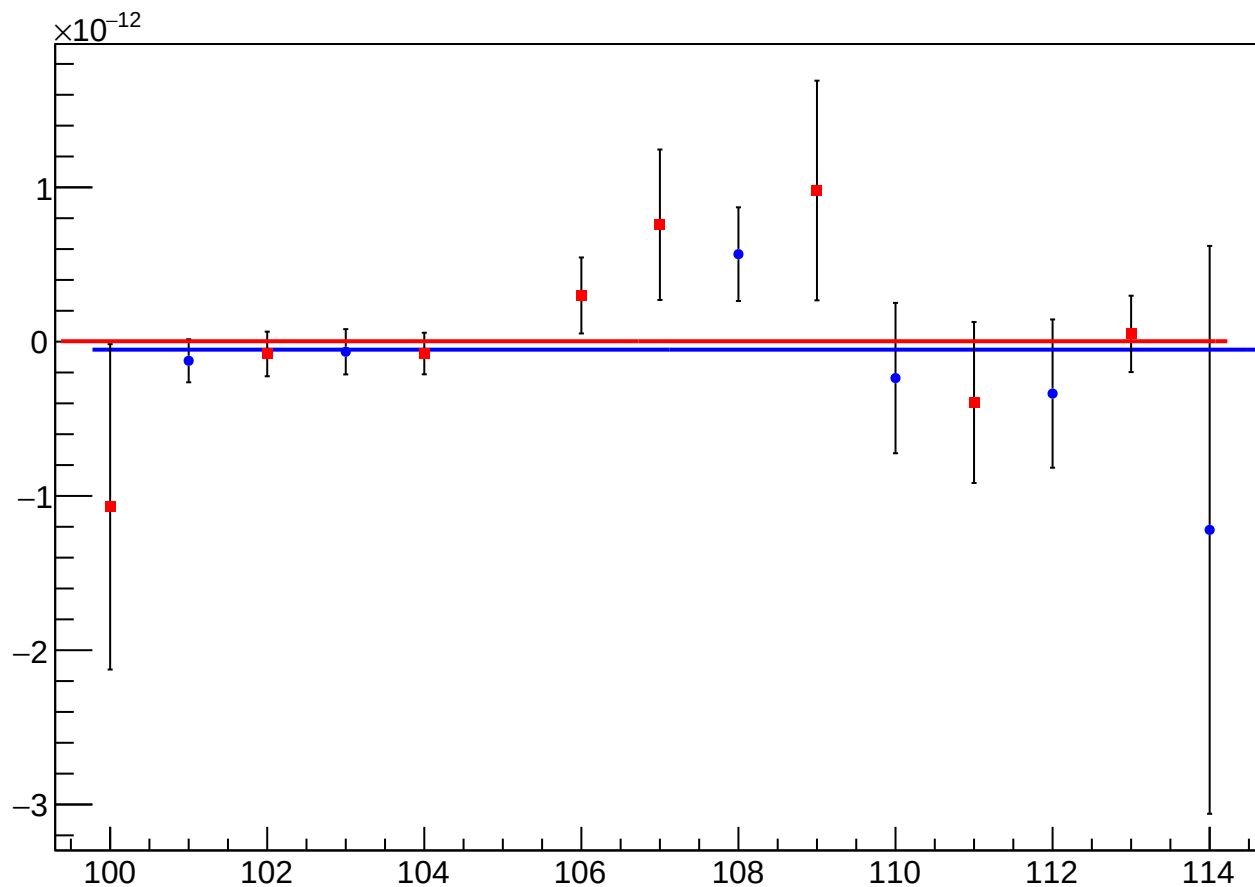
Right: 3857.168+/-1.191 χ^2/NDF : 890687.9/13

In: 4094.089+/-1.871 χ^2/NDF : 501041.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3857.168+/-1.191 χ^2/NDF : 890687.9/13

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

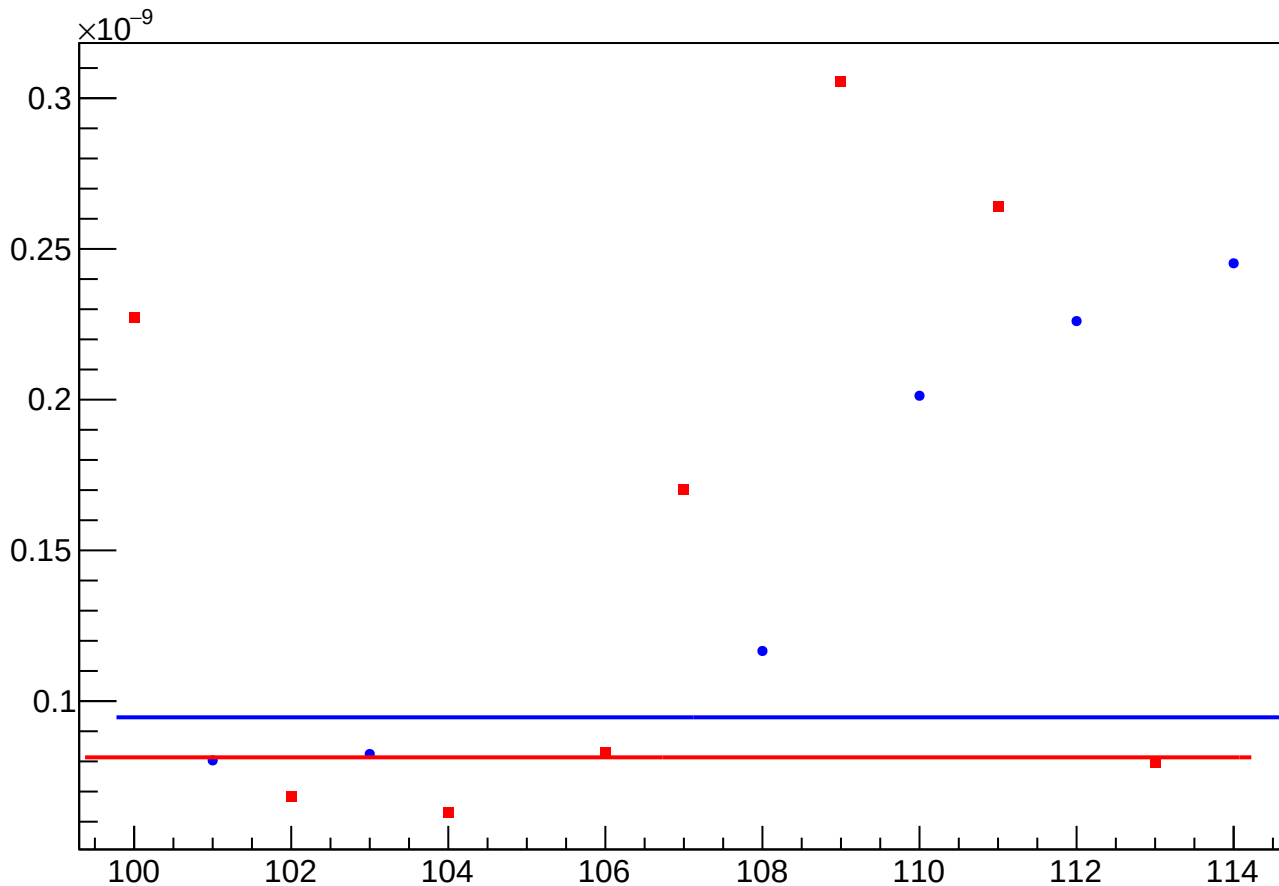
Right: -0.000+/-0.000 χ^2 /NDF: 13.6/13

In: -0.000+/-0.000 χ^2 /NDF:5.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.6/13

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 304199.8/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 601524.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

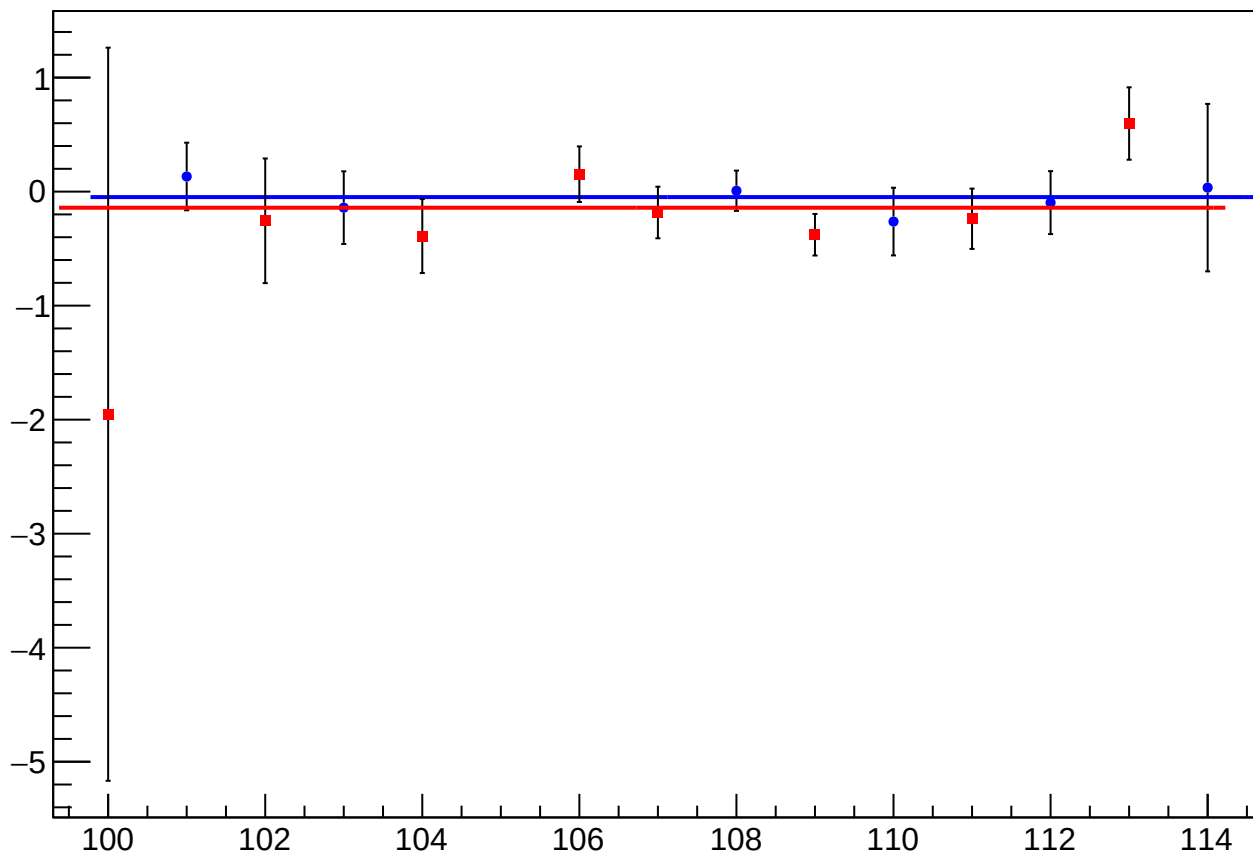
Right: 0.000+/-0.000 χ^2/NDF : 928722.5/13

In: 0.000+/-0.000 χ^2/NDF : 304199.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 928722.5/13

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

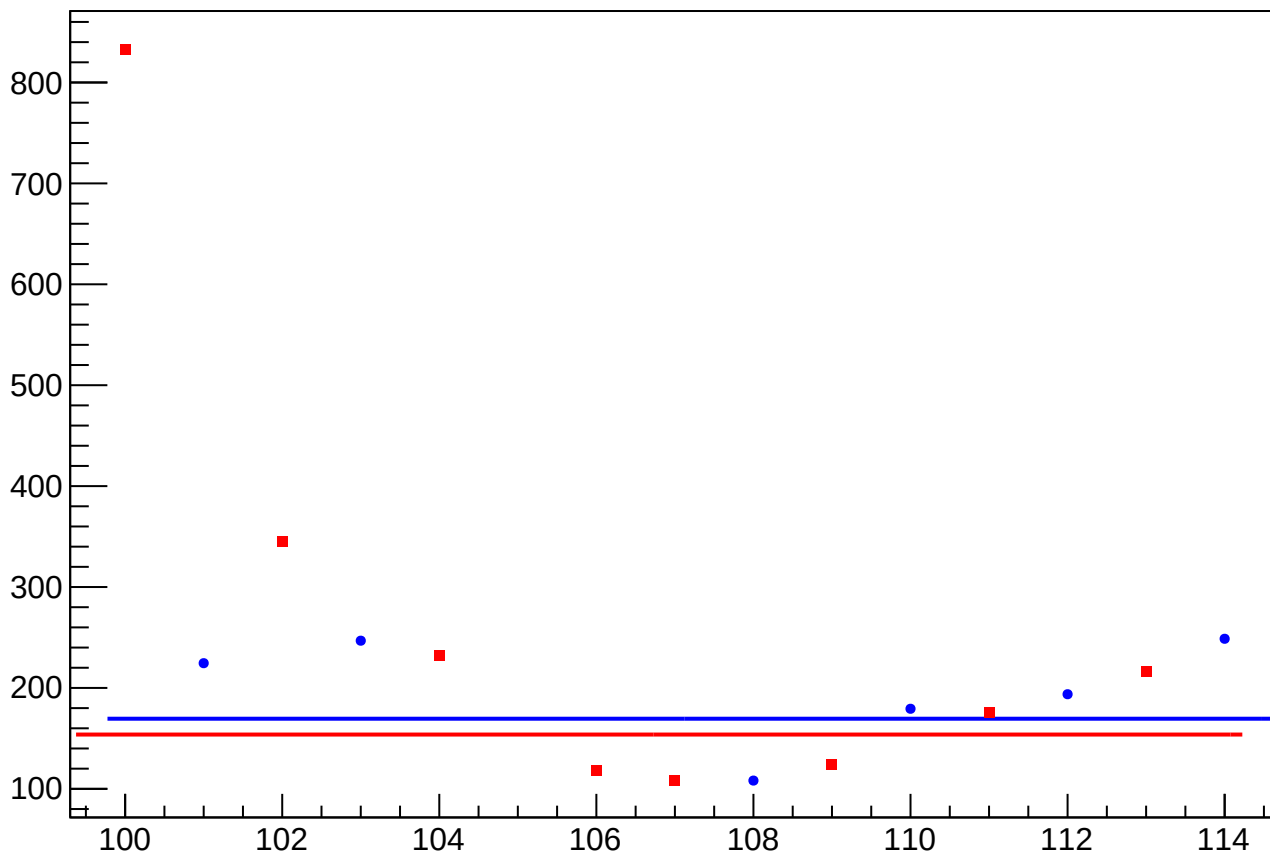
Right: -0.101 ± 0.074 χ^2/NDF : 11.2/13

In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.074 χ^2/NDF : 11.2/13

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

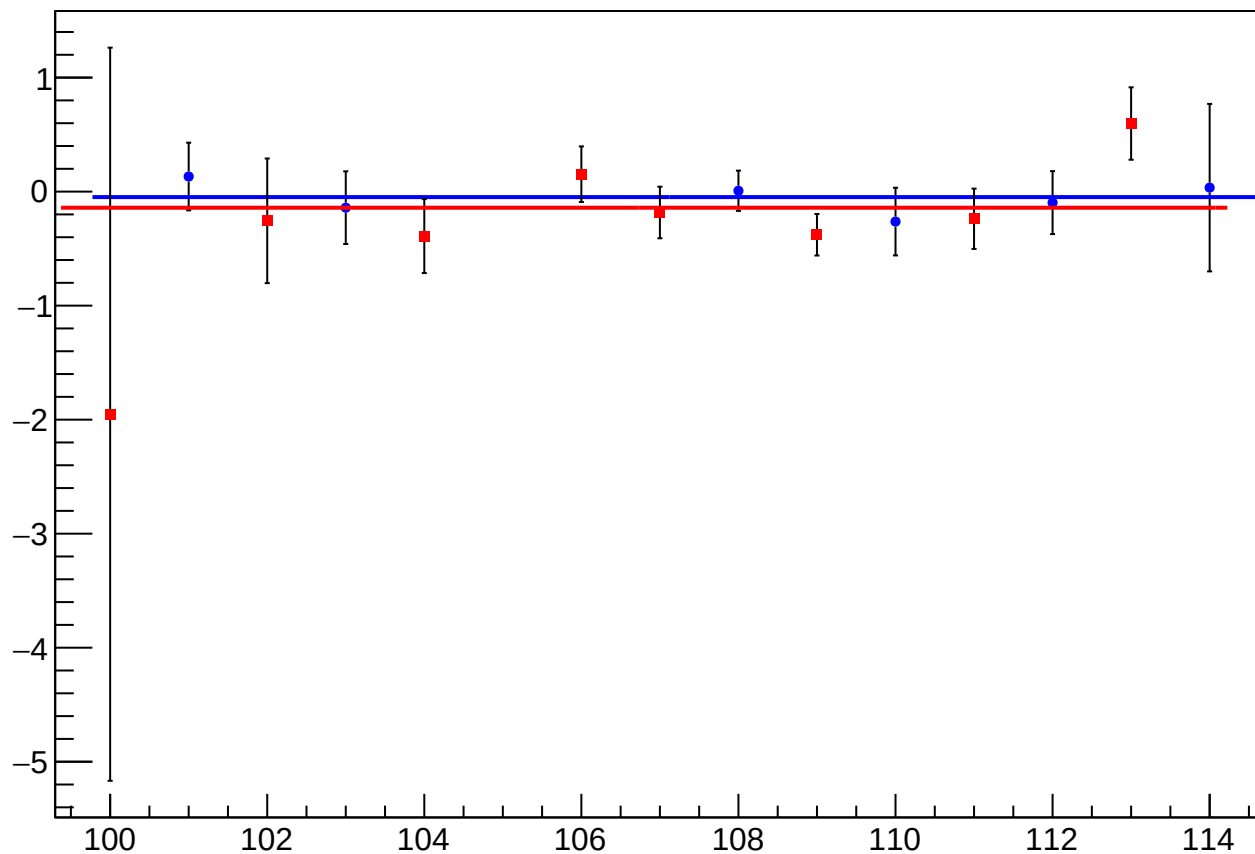
Right: 160.616+/-0.052 χ^2/NDF : 1210412.9/13

In: 169.491+/-0.079 χ^2/NDF :468312.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 160.616+/-0.052 χ^2/NDF : 1210412.9/13

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

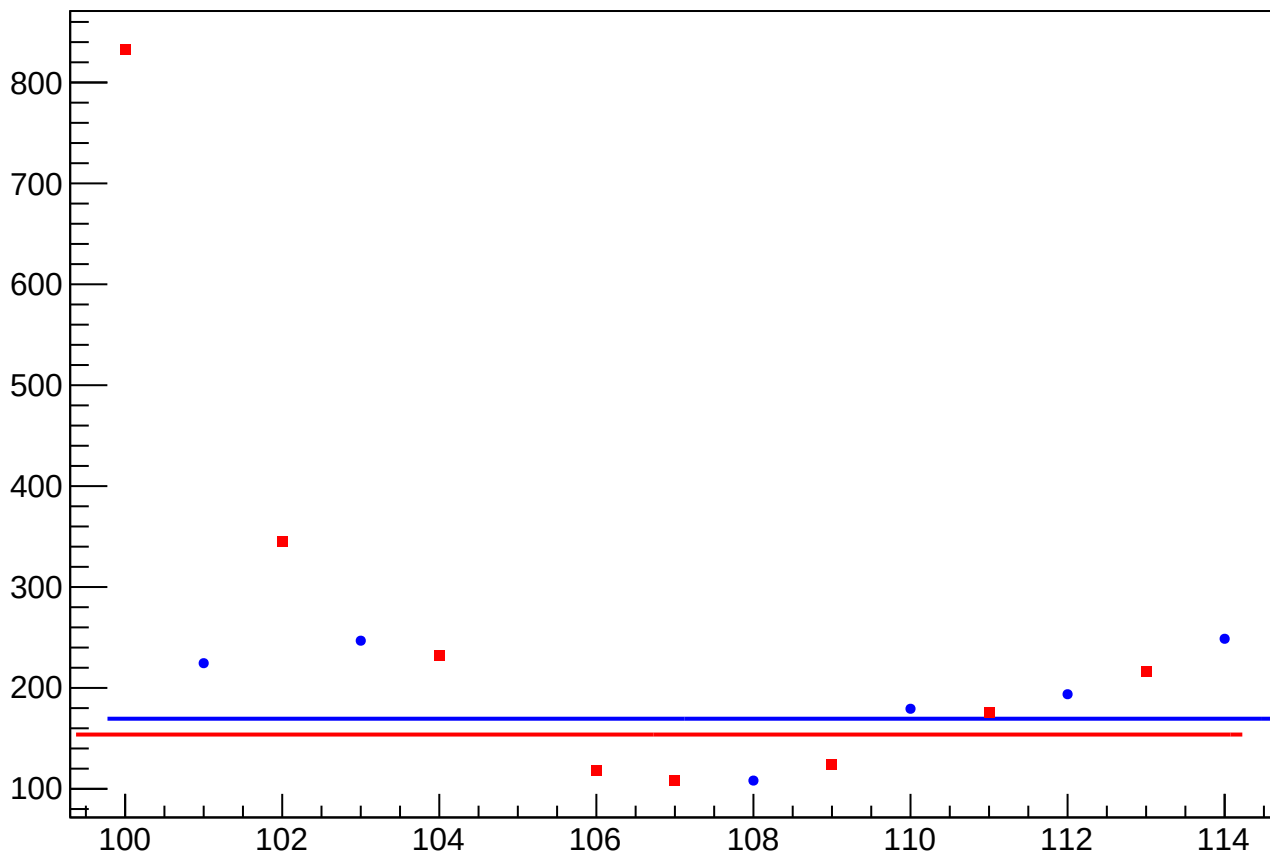
Right: -0.101 ± 0.074 χ^2/NDF : 11.2/13

In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.074 χ^2/NDF : 11.2/13

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

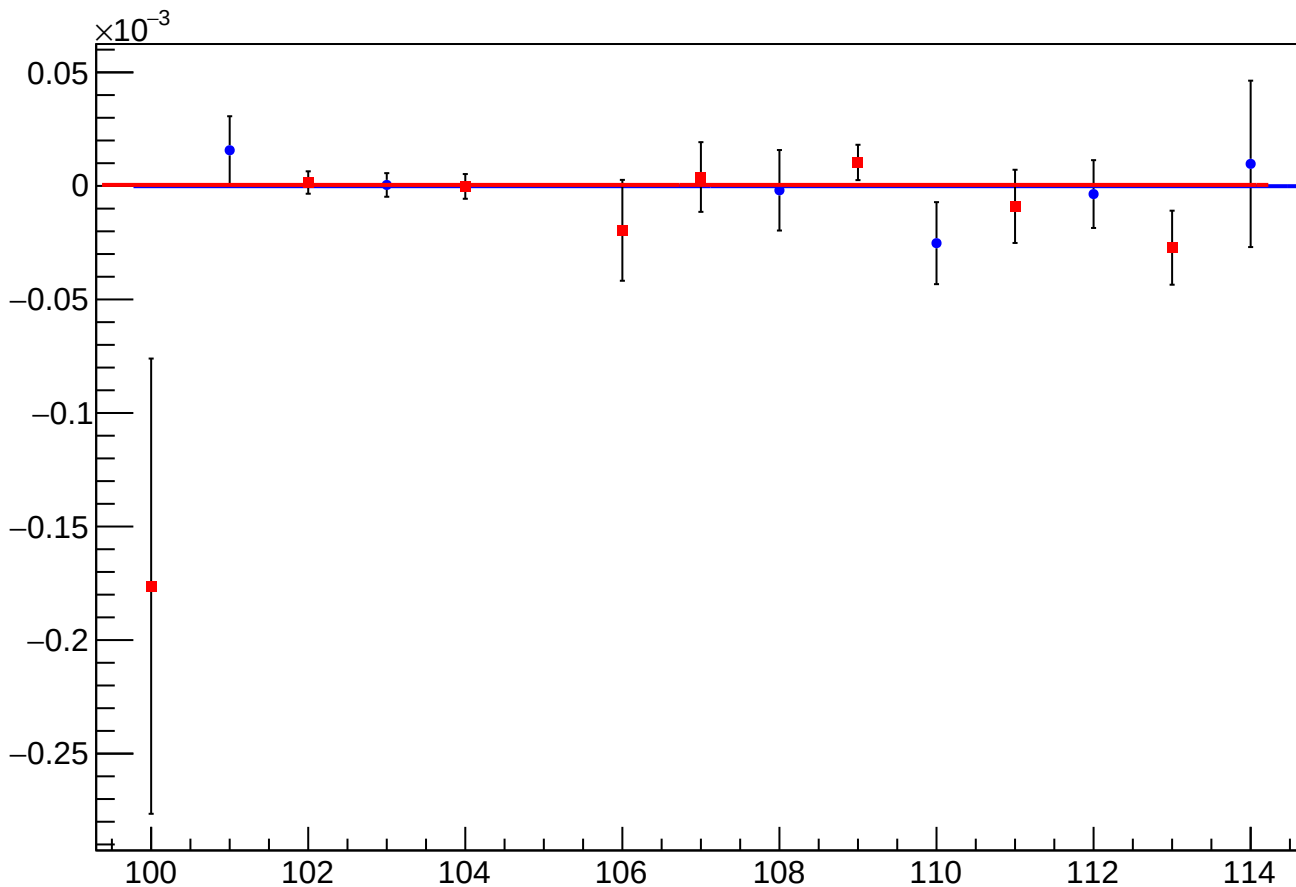
Right: 160.616+/-0.052 χ^2/NDF : 1210412.9/13

In: 169.491+/-0.079 χ^2/NDF : 468312.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.616+/-0.052 χ^2/NDF : 1210412.9/13

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 8.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

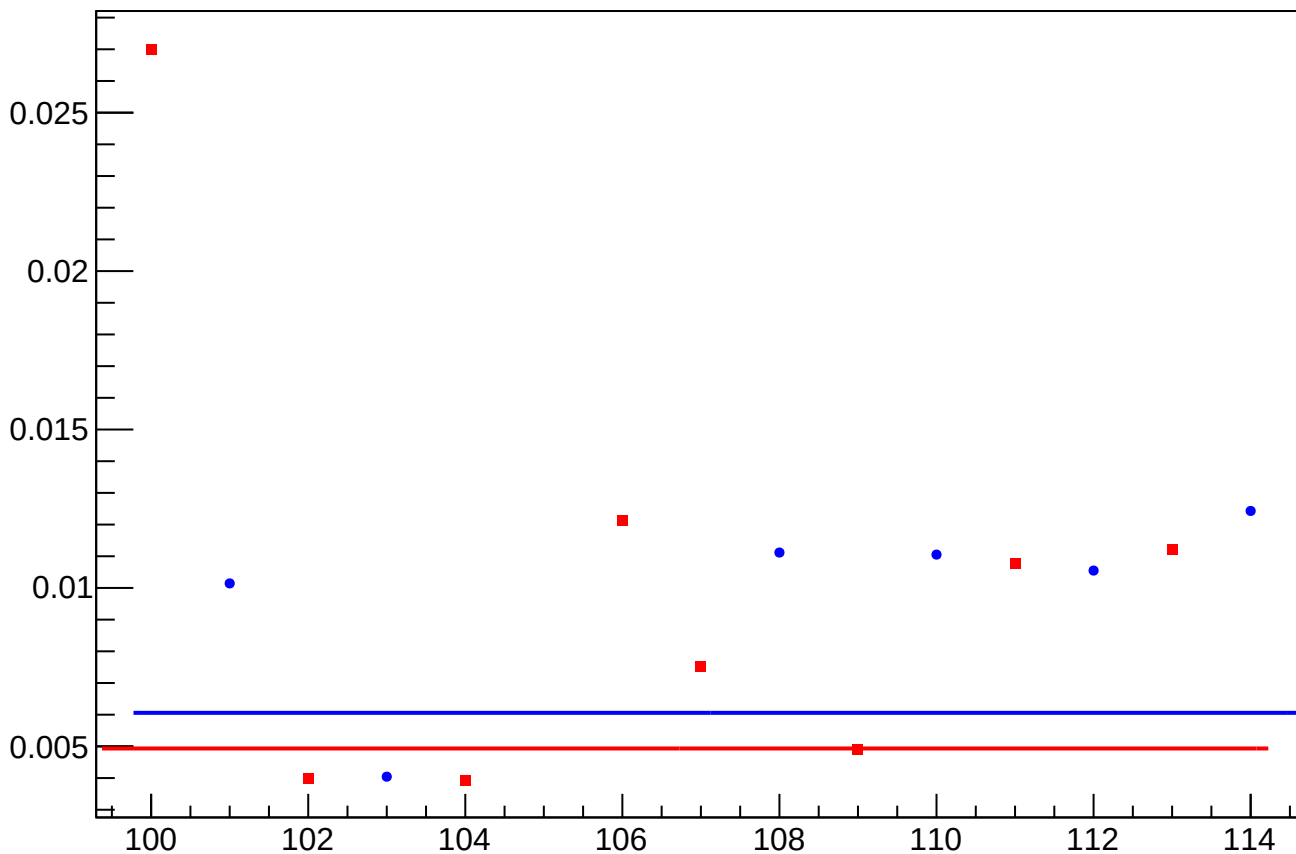
Right: 0.000+/-0.000 χ^2 /NDF: 12.1/13

In: -0.000+/-0.000 χ^2 /NDF:3.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 12.1/13

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1006220.2/5

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1067568.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

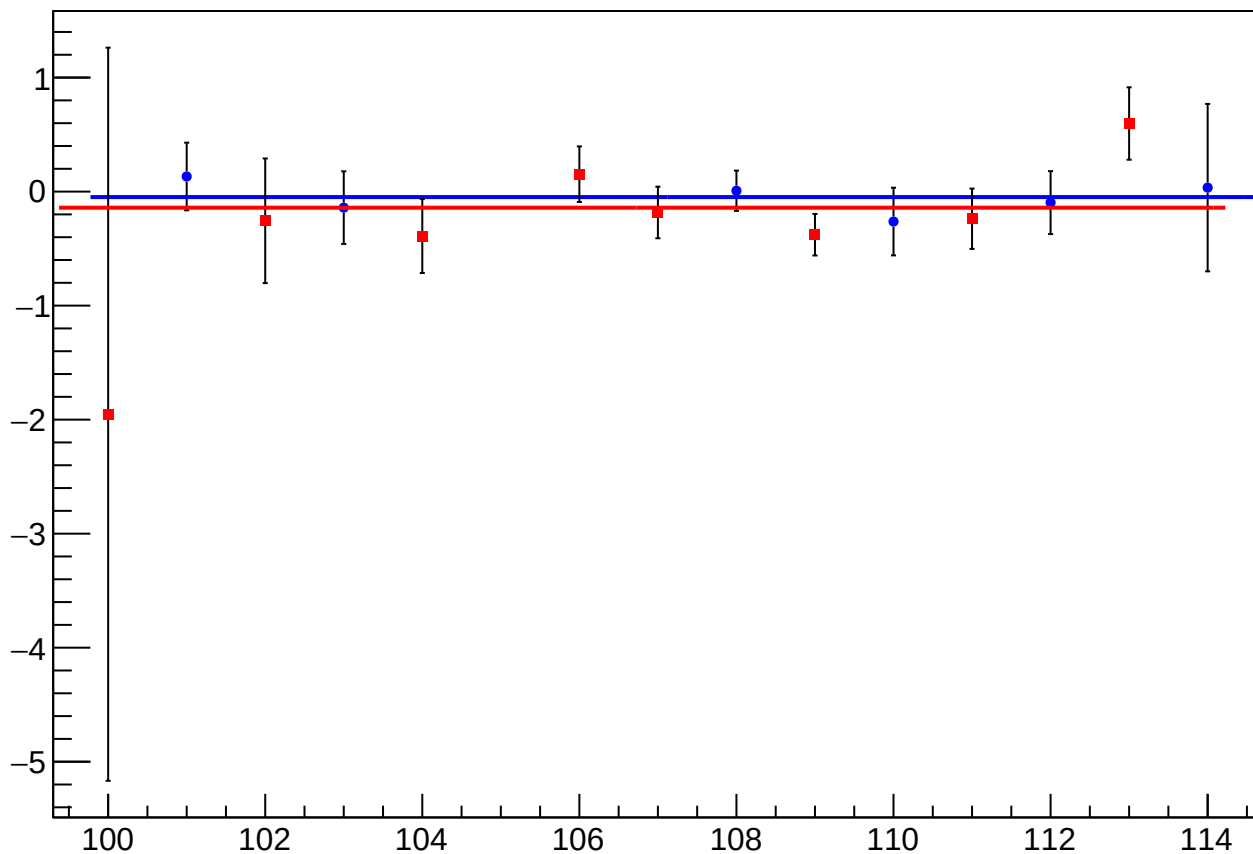
Right: 0.005+/-0.000 χ^2/NDF : 2163048.3/13

In: 0.006+/-0.000 χ^2/NDF : 1006220.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2163048.3/13

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

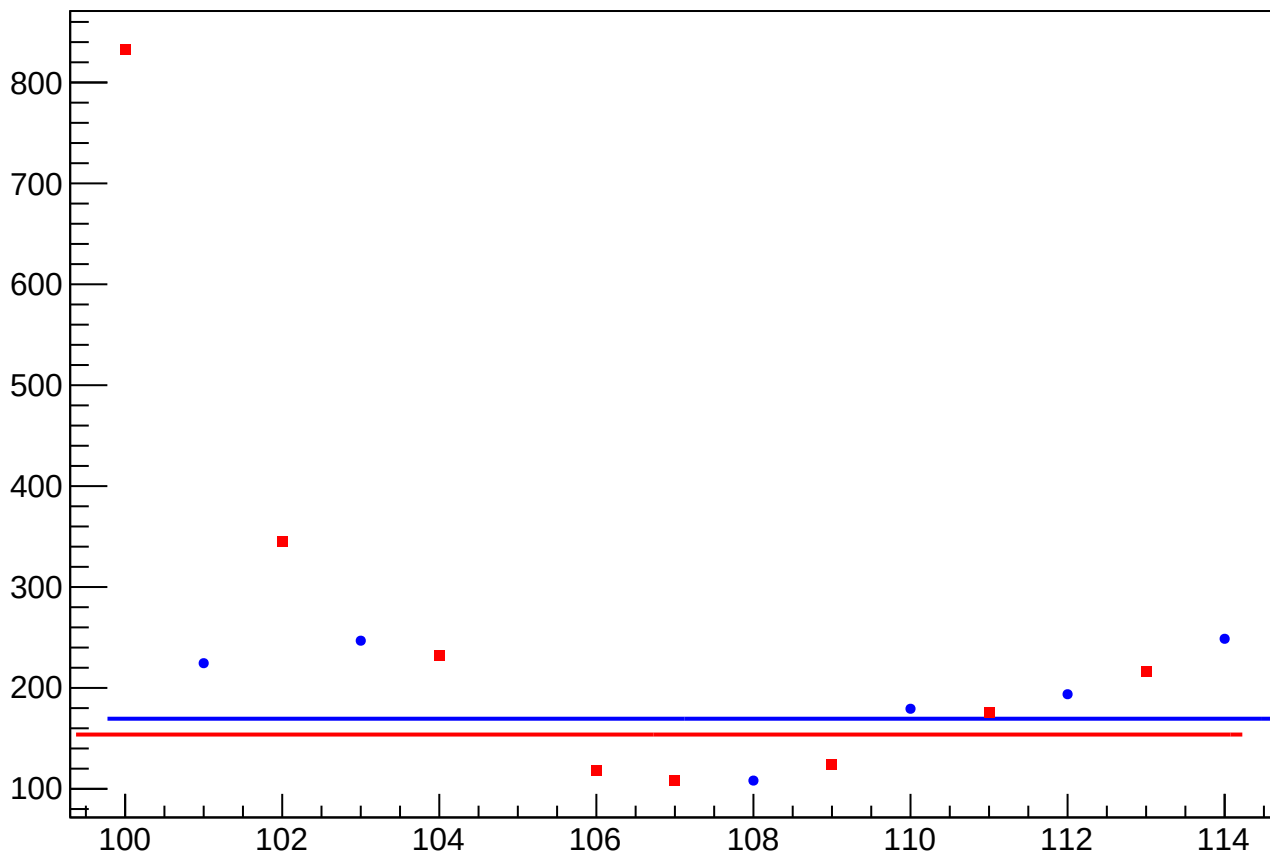
Right: -0.101 ± 0.074 χ^2/NDF : 11.2/13

In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.074 χ^2/NDF : 11.2/13

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

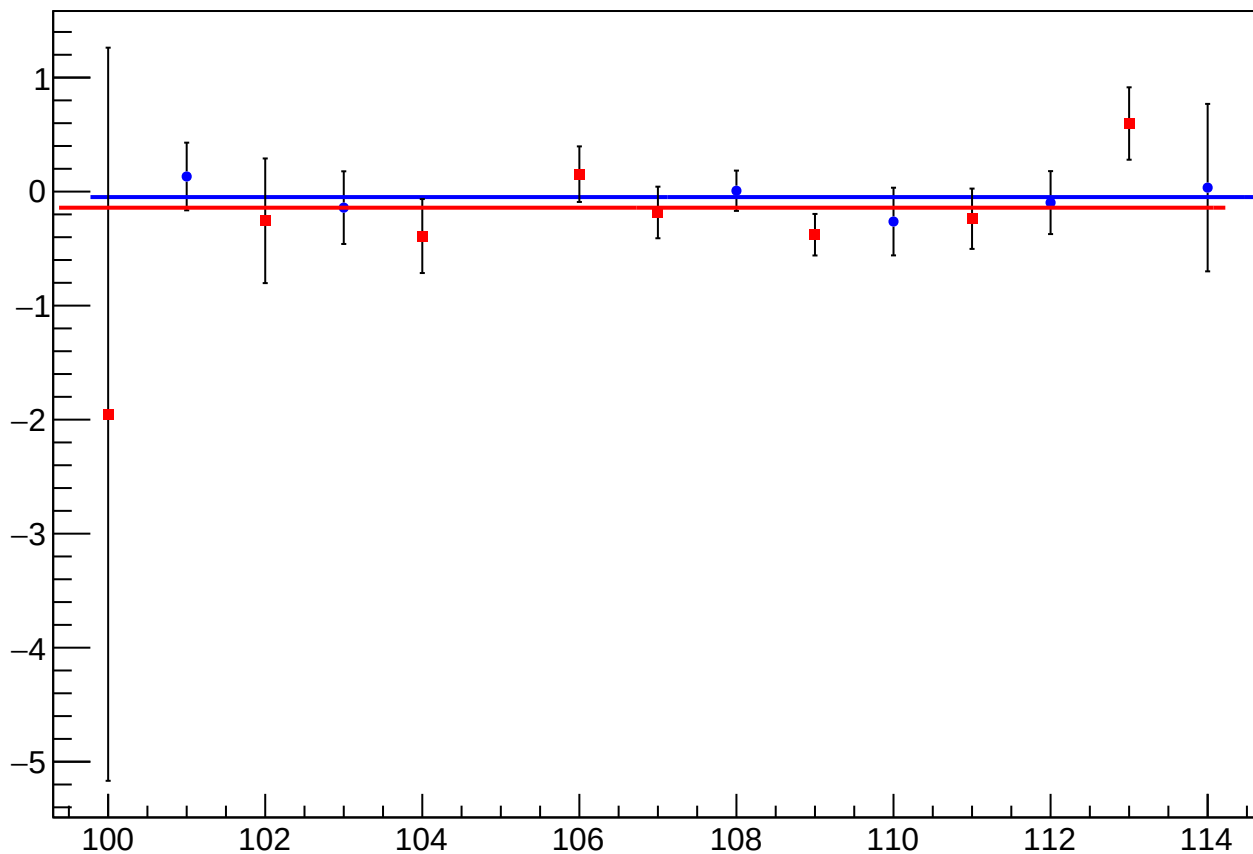
Right: 160.615+/-0.052 χ^2/NDF : 1210458.4/13

In: 169.487+/-0.079 χ^2/NDF :468364.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 160.615+/-0.052 χ^2/NDF : 1210458.4/13

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

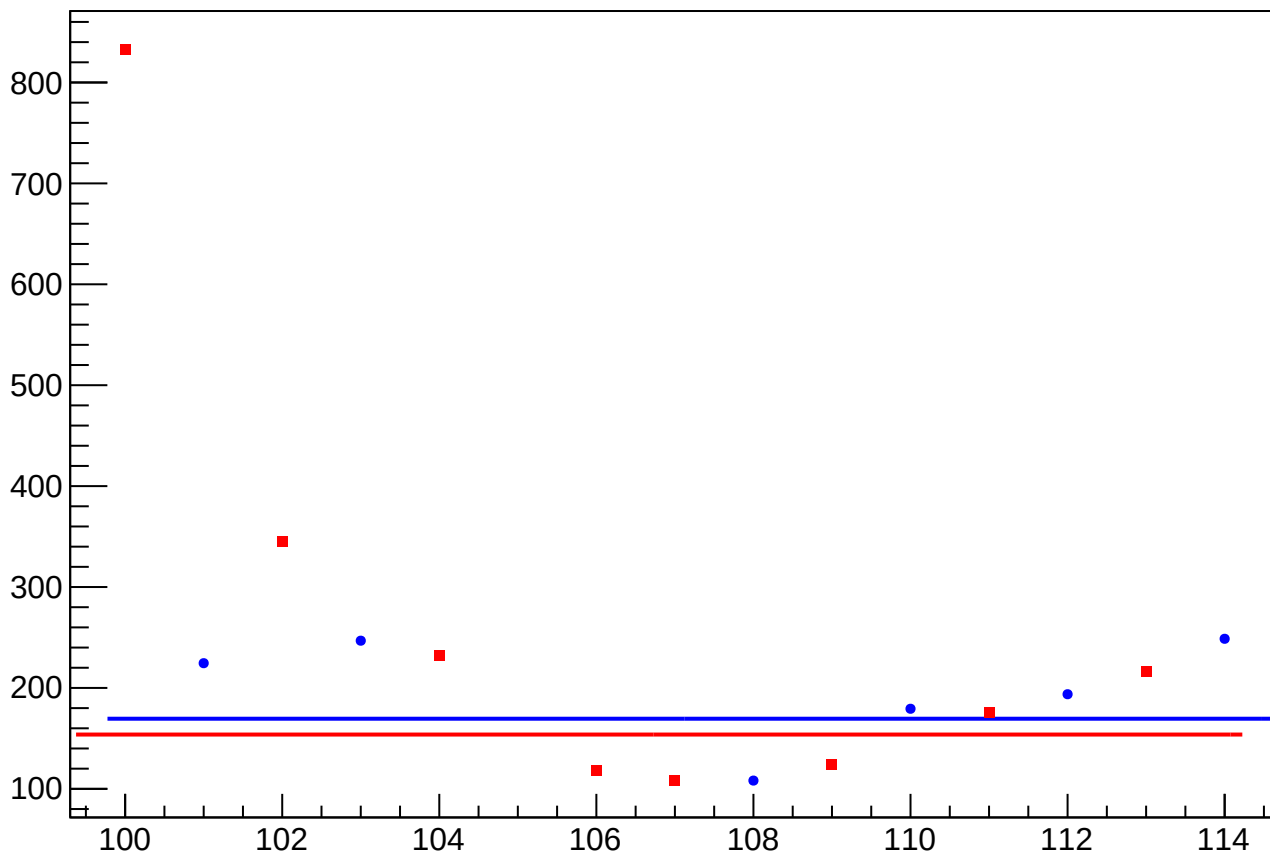
Right: -0.101 ± 0.074 χ^2/NDF : 11.2/13

In: -0.048 ± 0.112 χ^2/NDF : 1.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.074 χ^2/NDF : 11.2/13

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

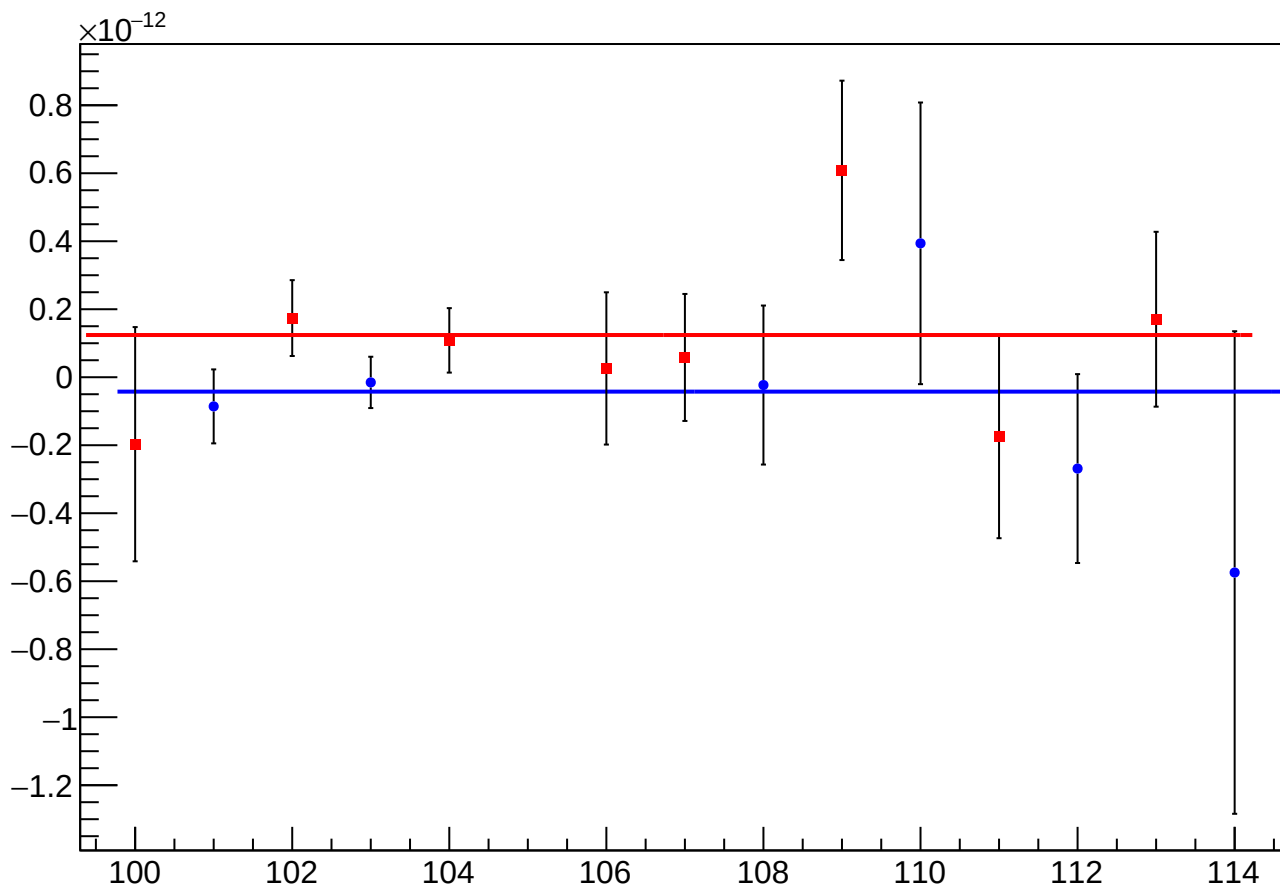
Right: 160.615+/-0.052 χ^2/NDF : 1210458.4/13

In: 169.487+/-0.079 χ^2/NDF :468364.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 160.615+/-0.052 χ^2/NDF : 1210458.4/13

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

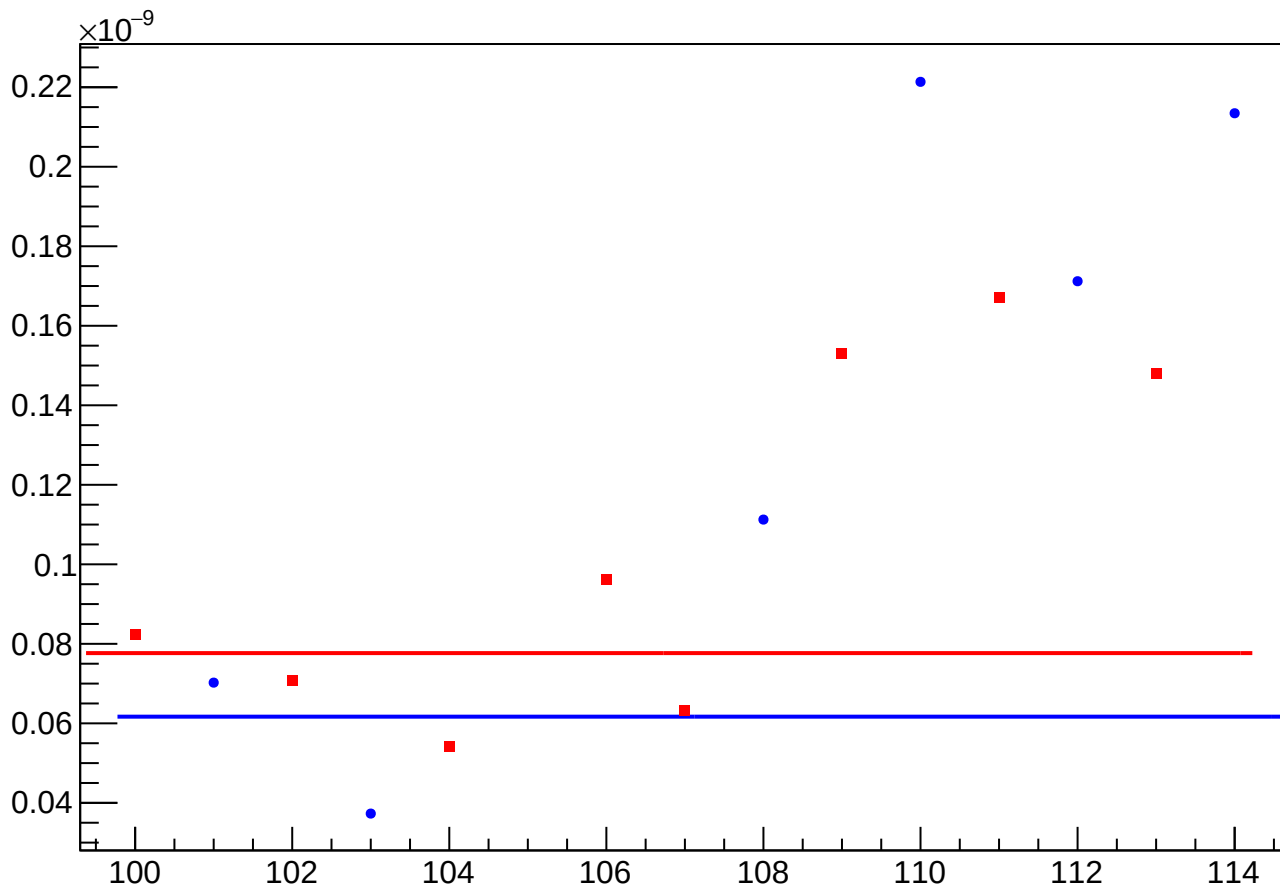
Right: 0.000+/-0.000 χ^2/NDF : 12.5/13

In: -0.000+/-0.000 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.5/13

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

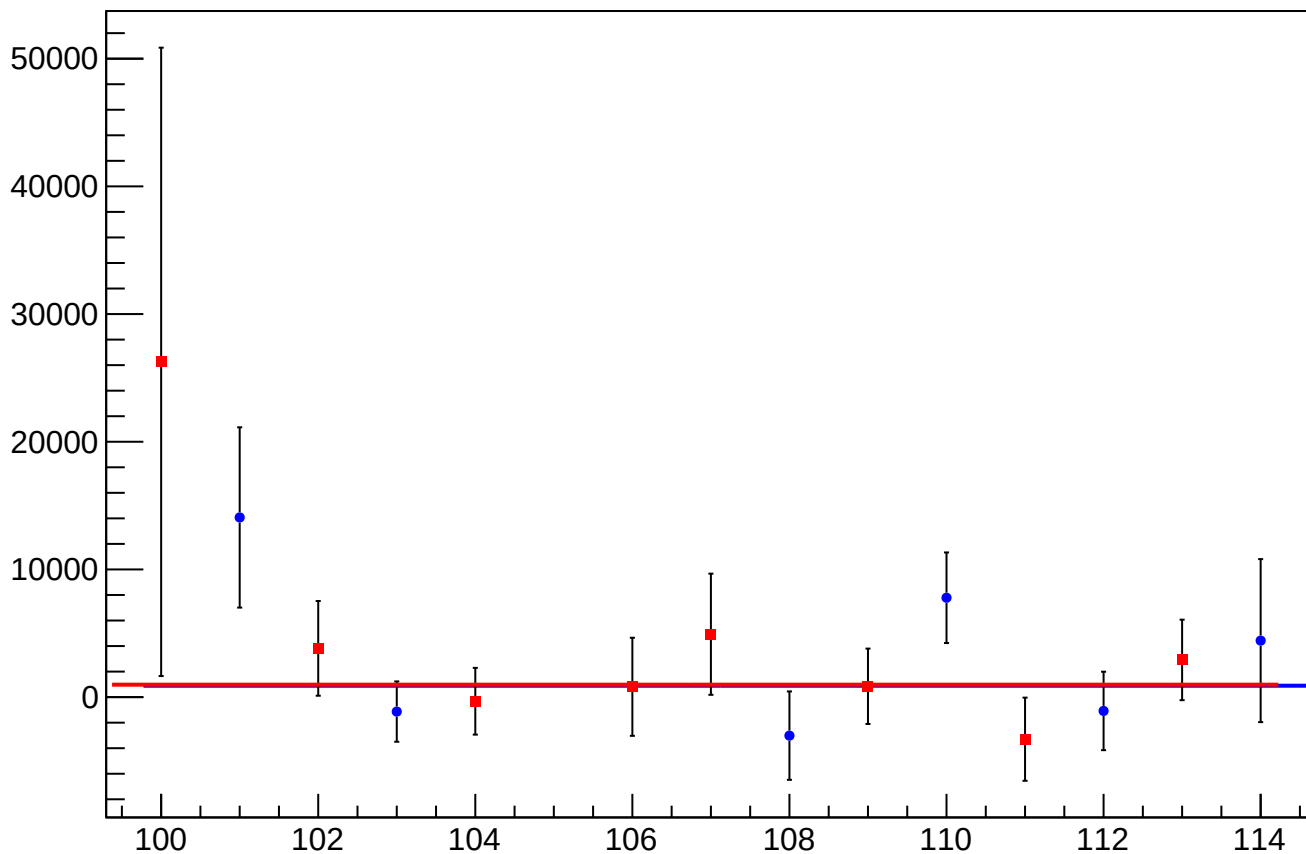
Right: 0.000+/-0.000 χ^2/NDF : 1733893.4/13

In: 0.000+/-0.000 χ^2/NDF : 1010560.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1733893.4/13

reg_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

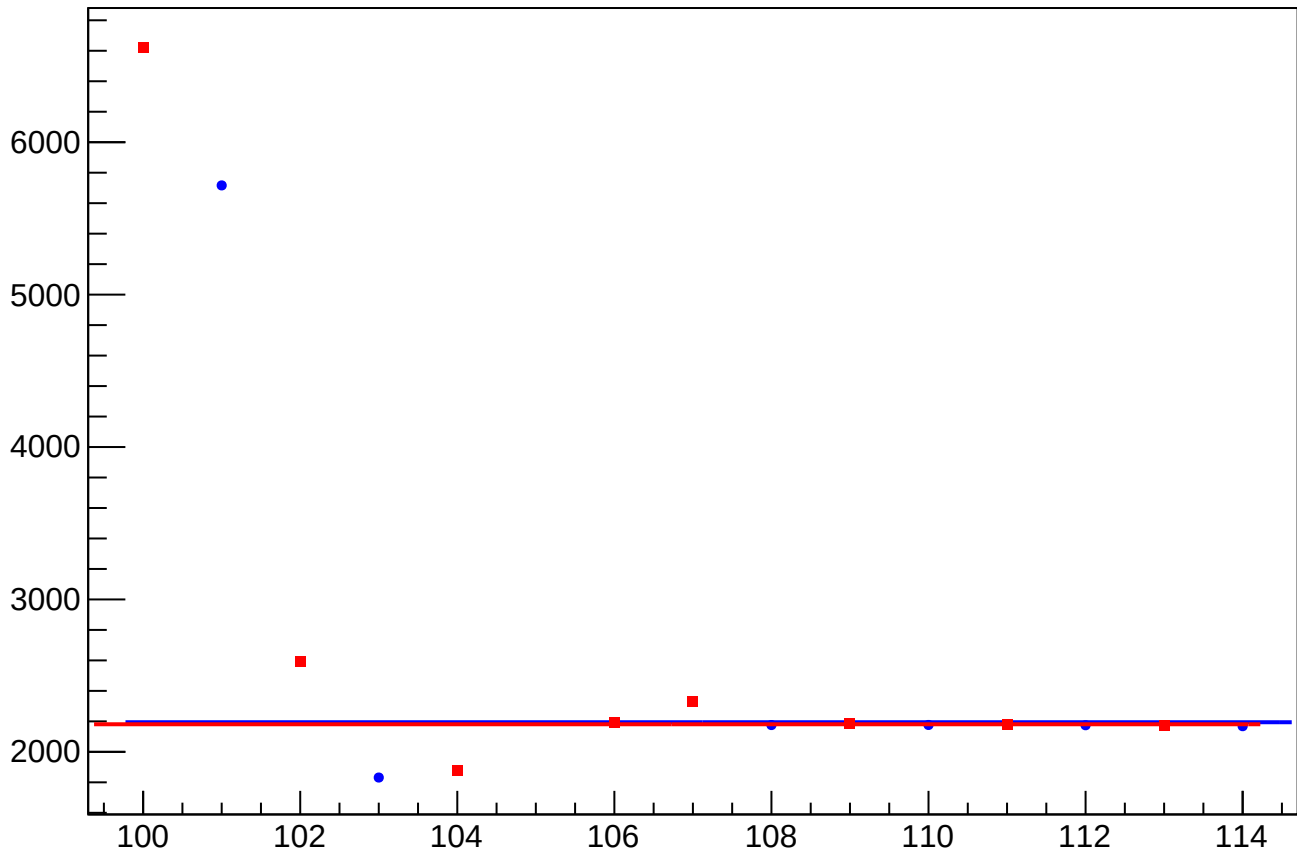
Right: 940.497+/-938.568 χ^2/NDF : 14.7/13

In: 894.122+/-1424.862 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.497+/-938.568 χ^2/NDF : 14.7/13

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2194.285+/-1.008 χ^2/NDF : 545270.5/5

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

Right Out: 2181.010+/-0.882 χ^2/NDF : 118460.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

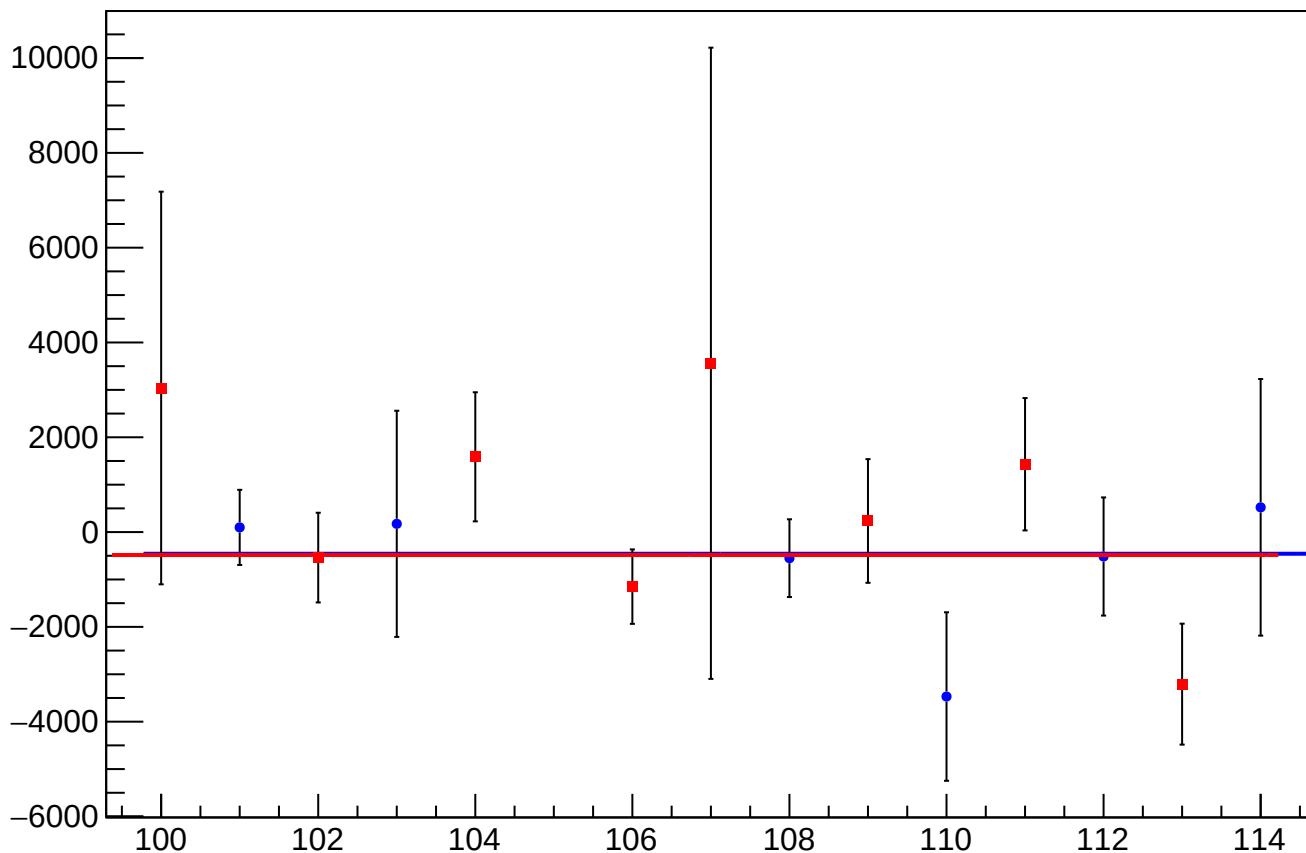
Right: 2186.770+/-0.664 χ^2/NDF : 663828.9/13

In: 2194.285+/-1.008 χ^2/NDF : 545270.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.770+/-0.664 χ^2/NDF : 663828.9/13

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

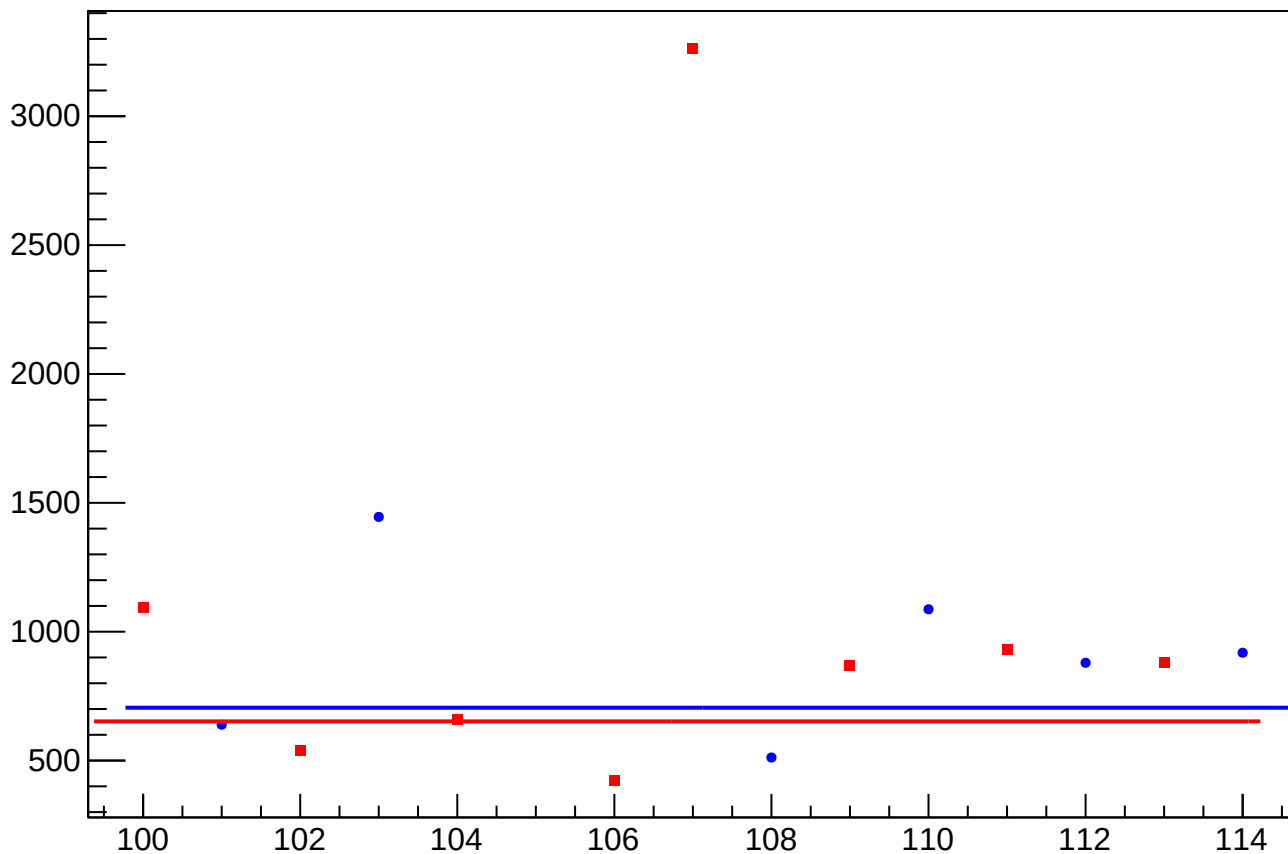
Right: -471.283+/-325.757 χ^2 /NDF: 14.5/13

In: -457.110+/-479.451 χ^2 /NDF:3.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -471.283+/-325.757 χ^2 /NDF: 14.5/13

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

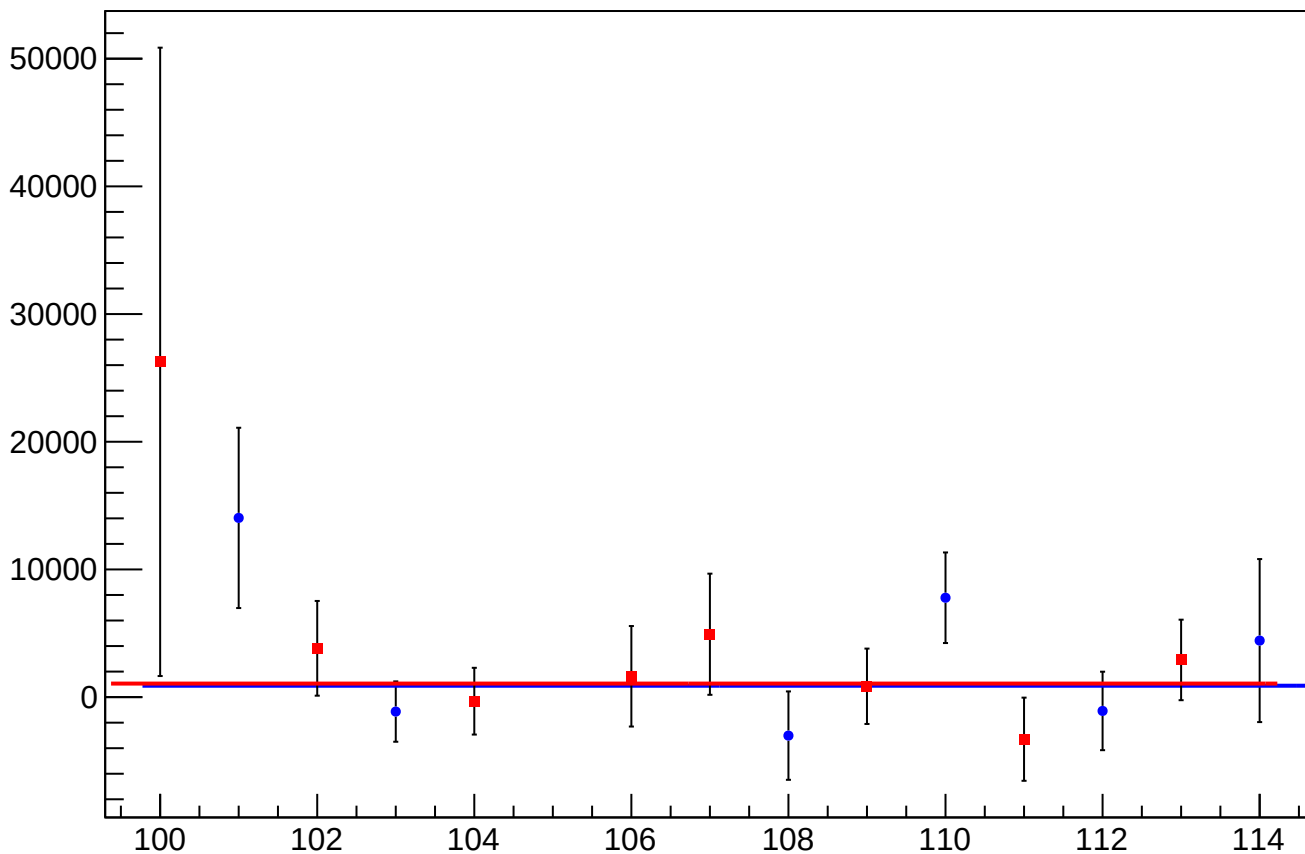
Right: 676.532+/-0.230 χ^2/NDF : 1203201.3/13

In: 705.087+/-0.339 χ^2/NDF : 461191.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.532+/-0.230 χ^2/NDF : 1203201.3/13

cor_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

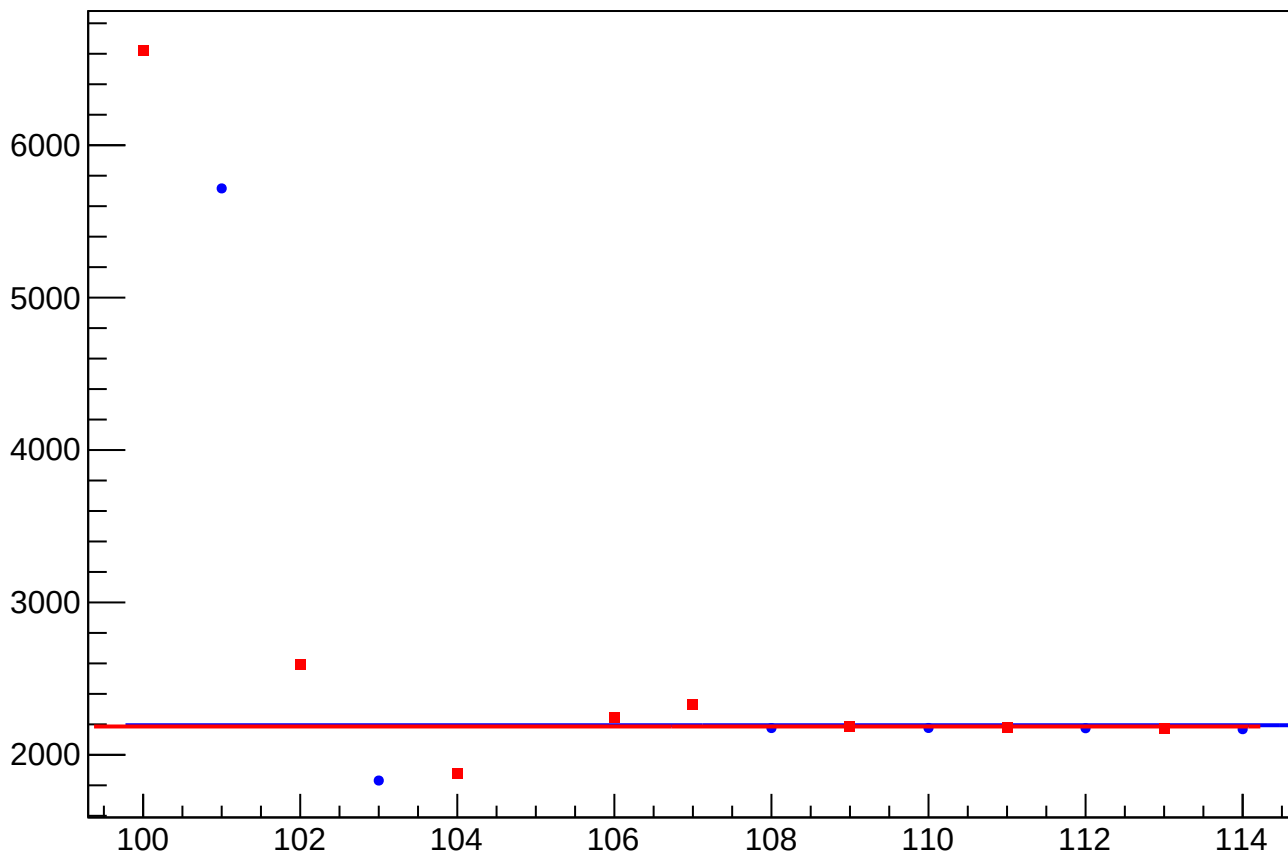
Right: 988.002+/-939.910 χ^2/NDF : 14.7/13

In: 893.290+/-1424.863 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.002+/-939.910 χ^2/NDF : 14.7/13

cor_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

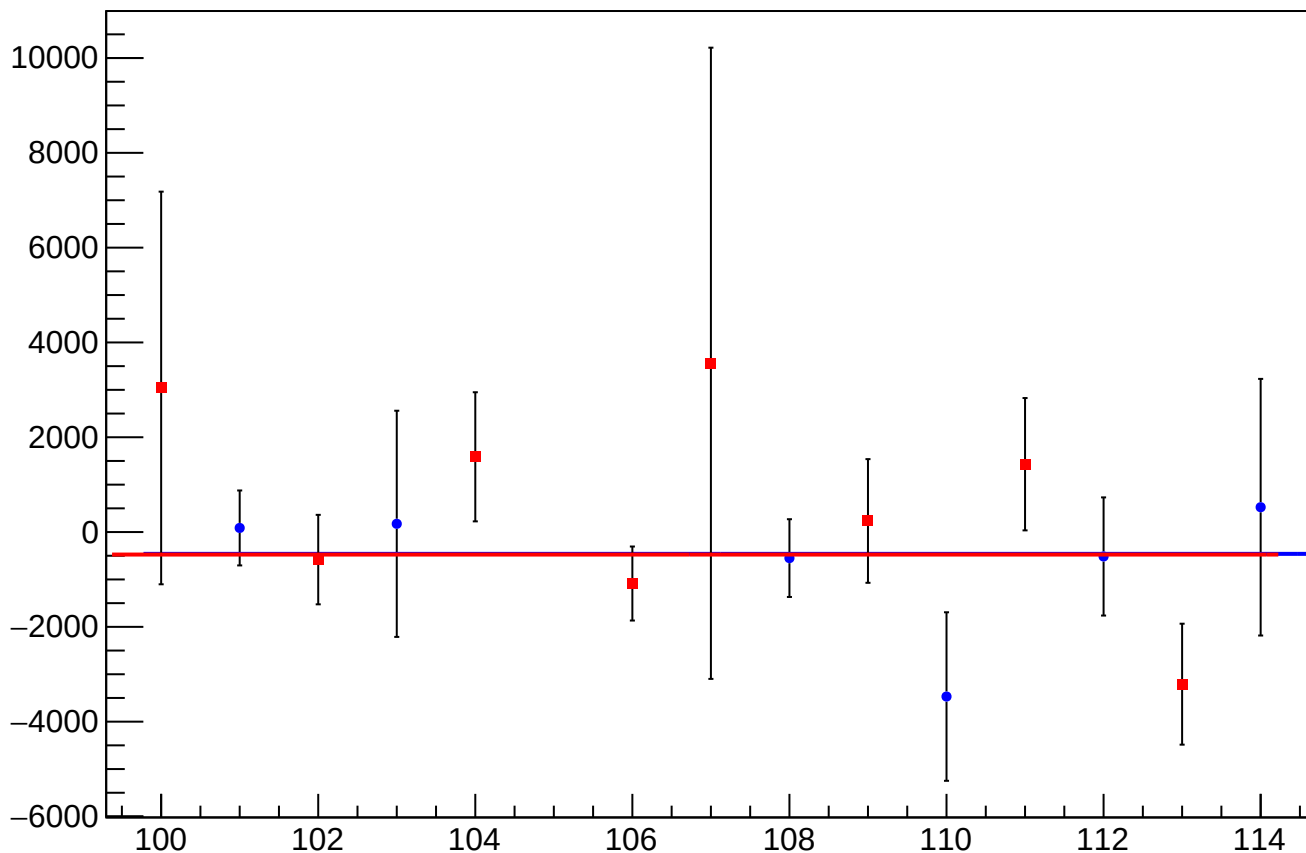
Right: 2189.648+/-0.665 χ^2/NDF : 664218.5/13

In: 2194.284+/-1.008 χ^2/NDF : 545270.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.648+/-0.665 χ^2/NDF : 664218.5/13

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

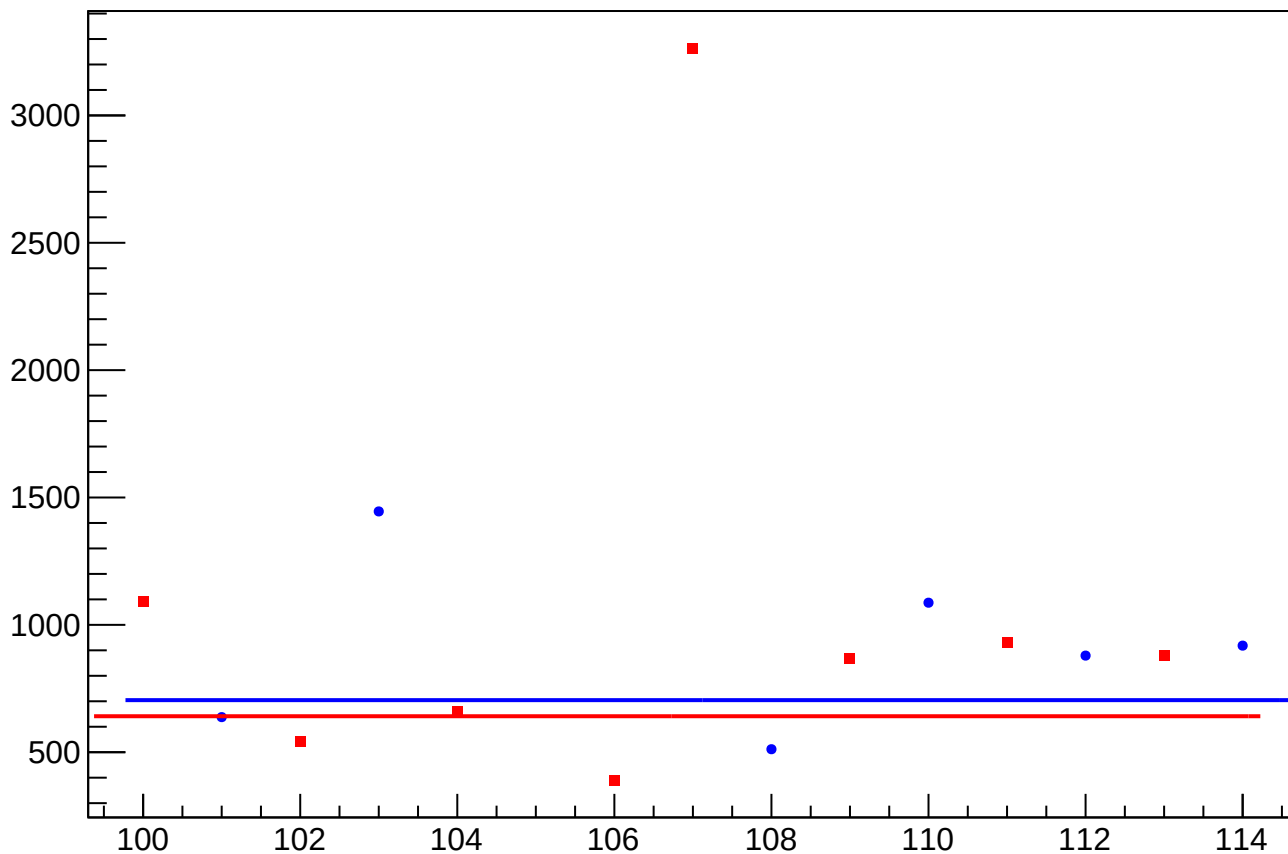
Right: -468.037+/-325.198 χ^2 /NDF: 14.3/13

In: -460.190+/-478.998 χ^2 /NDF:3.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -468.037+/-325.198 χ^2 /NDF: 14.3/13

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

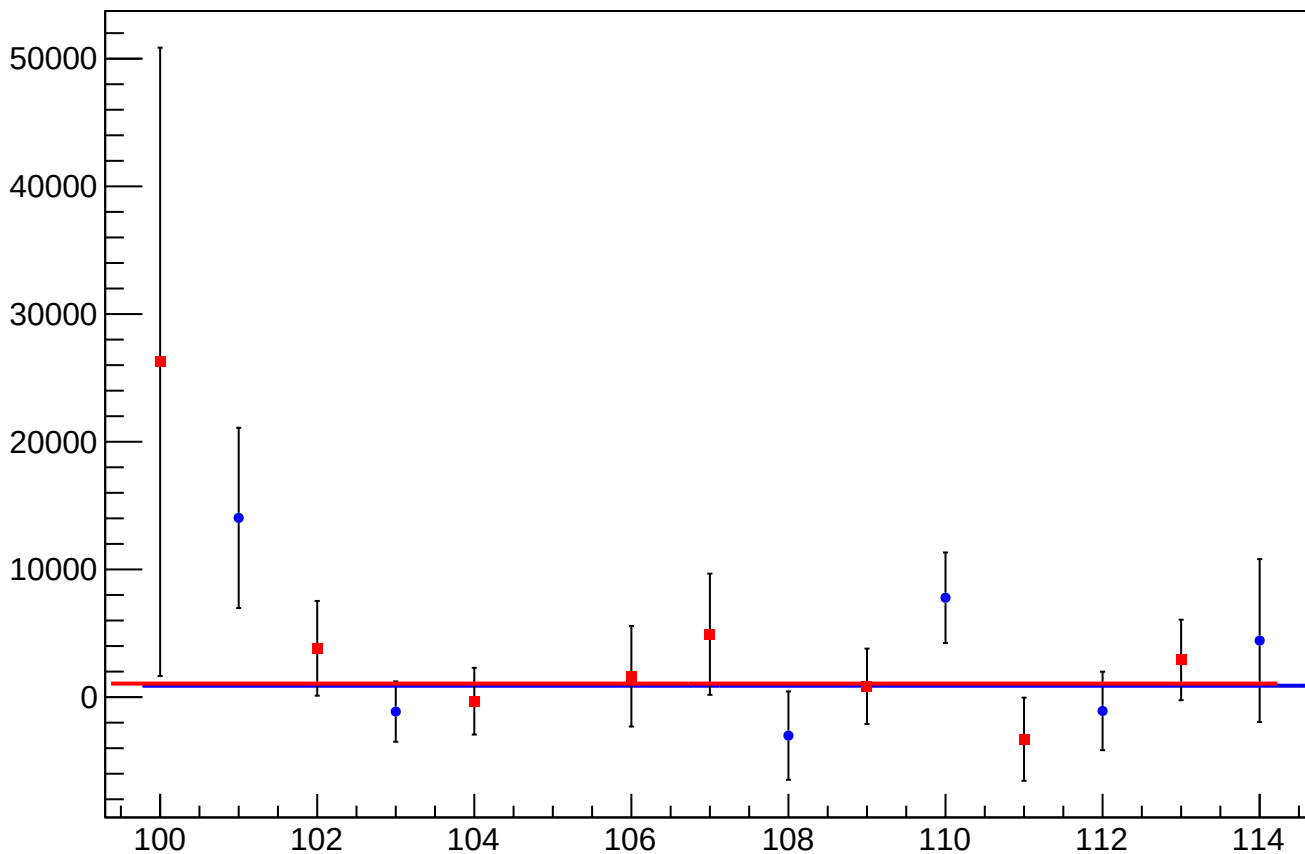
Right: 670.375+/-0.230 χ^2/NDF : 1262785.5/13

In: 704.430+/-0.339 χ^2/NDF : 461905.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.375+/-0.230 χ^2/NDF : 1262785.5/13

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

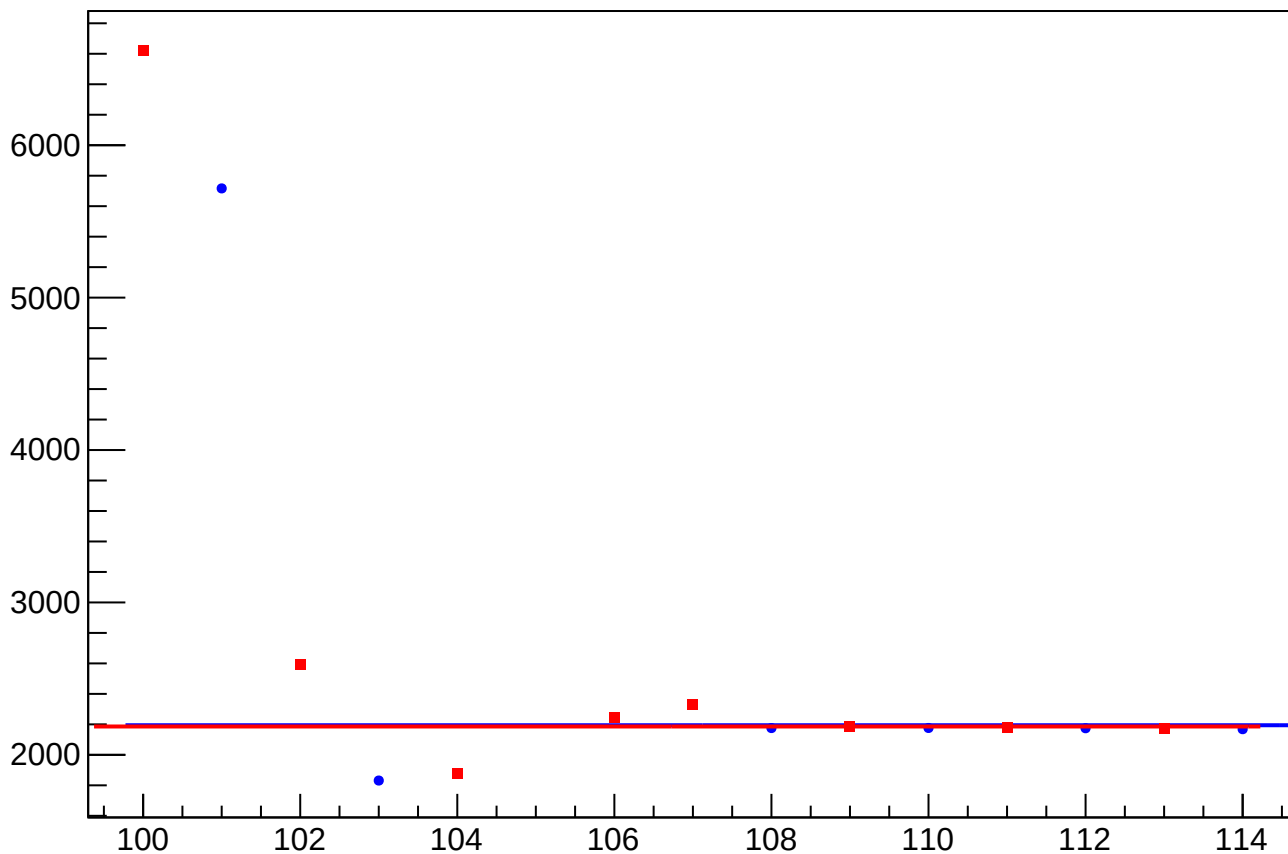
Right: 988.002+/-939.910 χ^2/NDF : 14.7/13

In: 893.290+/-1424.863 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.002+/-939.910 χ^2/NDF : 14.7/13

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

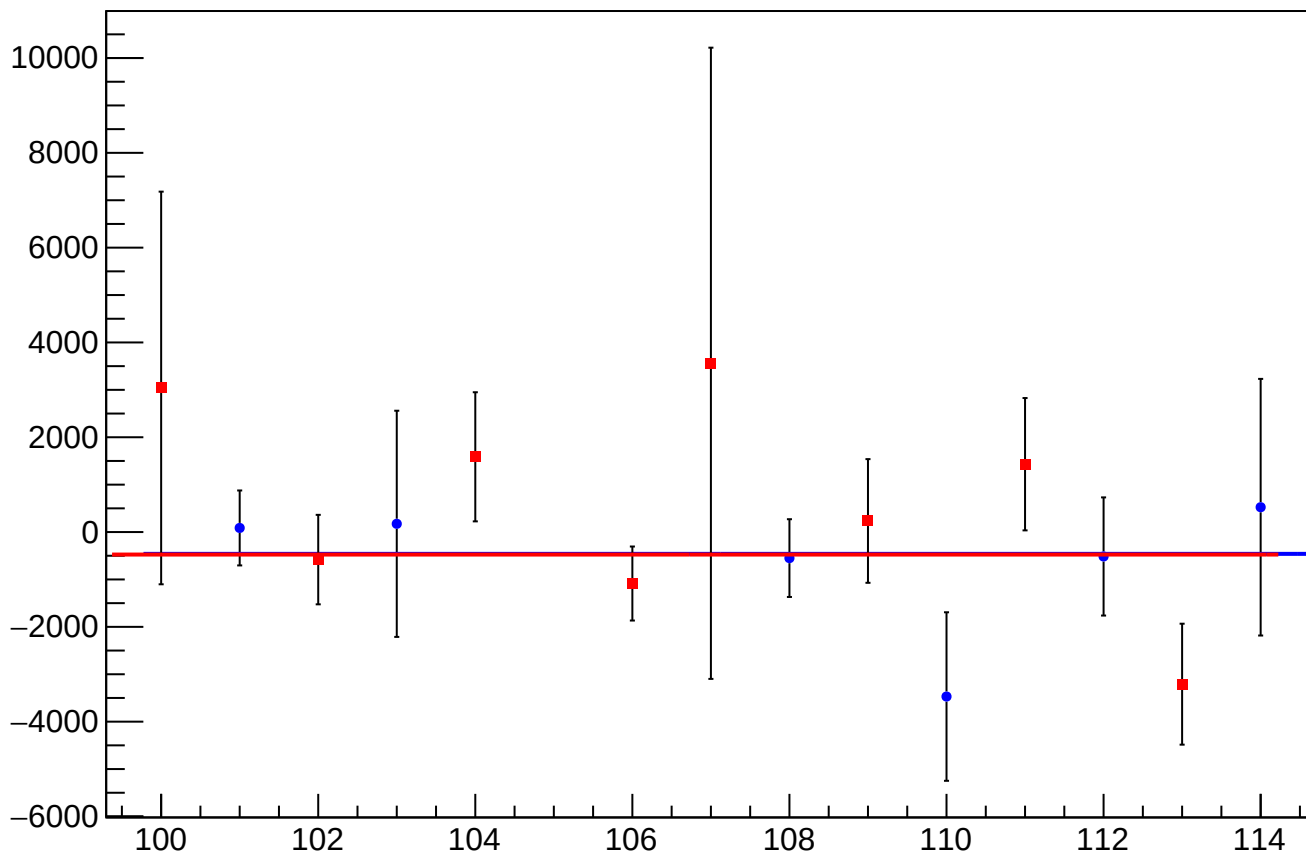
Right: 2189.648+/-0.665 χ^2/NDF : 664218.5/13

In: 2194.284+/-1.008 χ^2/NDF : 545270.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.648+/-0.665 χ^2/NDF : 664218.5/13

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

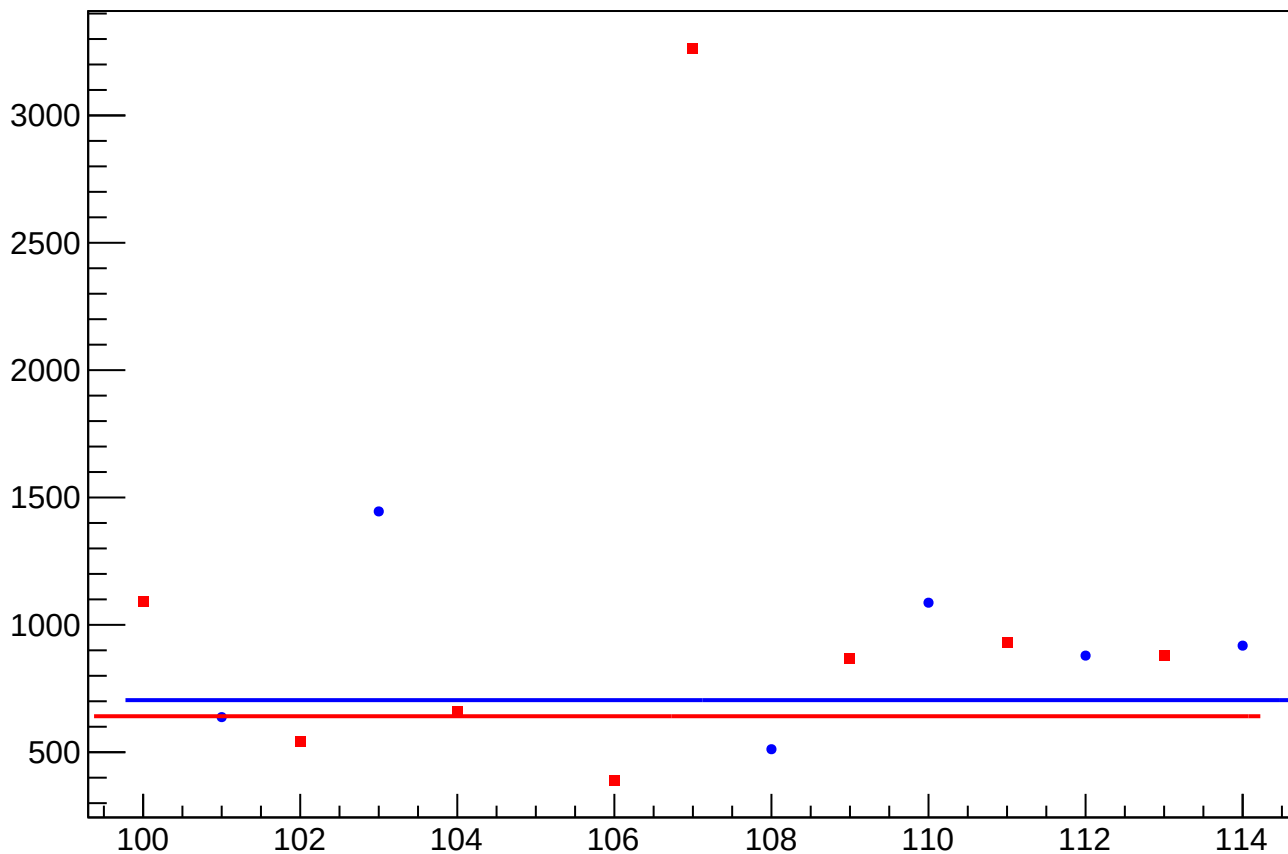
Right: -468.037+/-325.198 χ^2 /NDF: 14.3/13

In: -460.190+/-478.998 χ^2 /NDF:3.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -468.037+/-325.198 χ^2 /NDF: 14.3/13

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

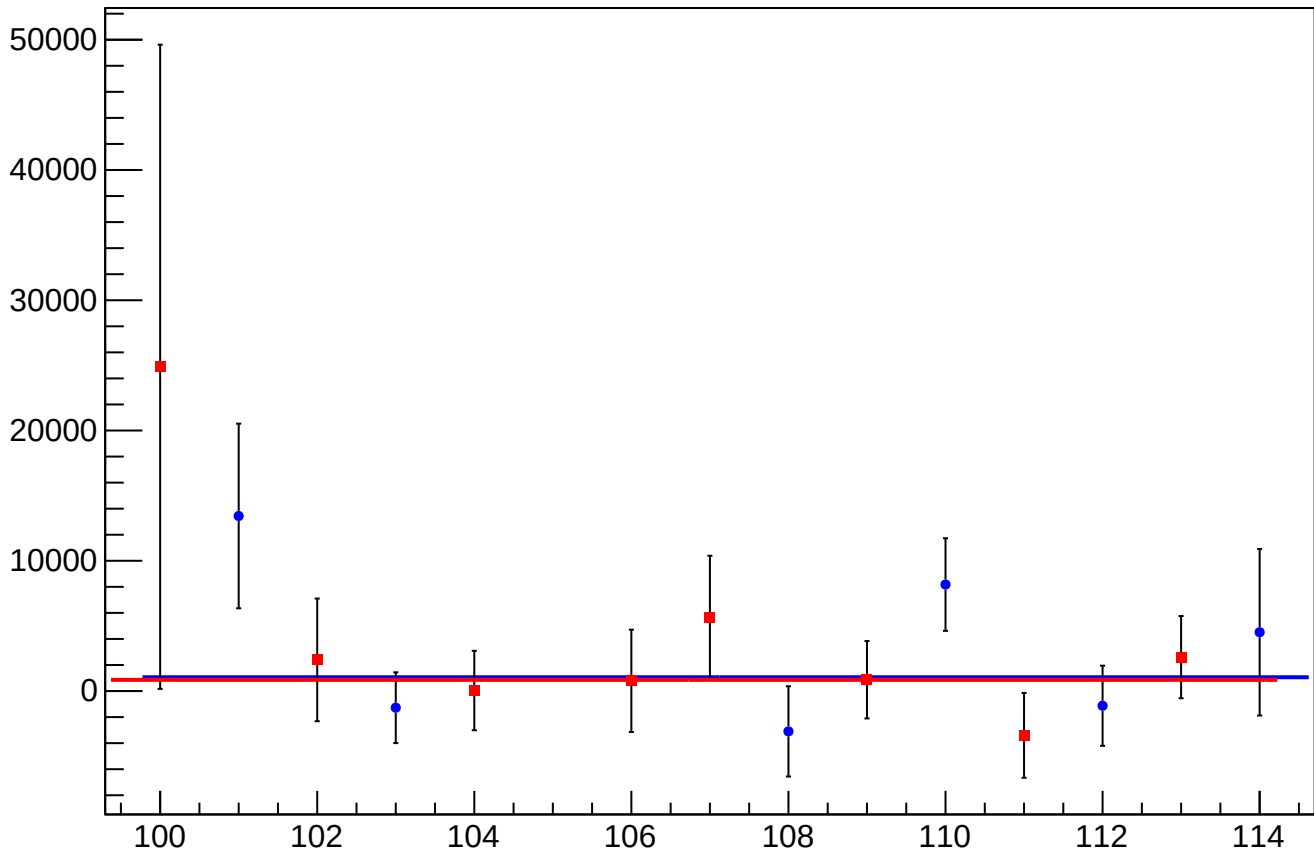
Right: 670.375+/-0.230 χ^2/NDF : 1262785.5/13

In: 704.430+/-0.339 χ^2/NDF : 461905.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.375+/-0.230 χ^2/NDF : 1262785.5/13

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

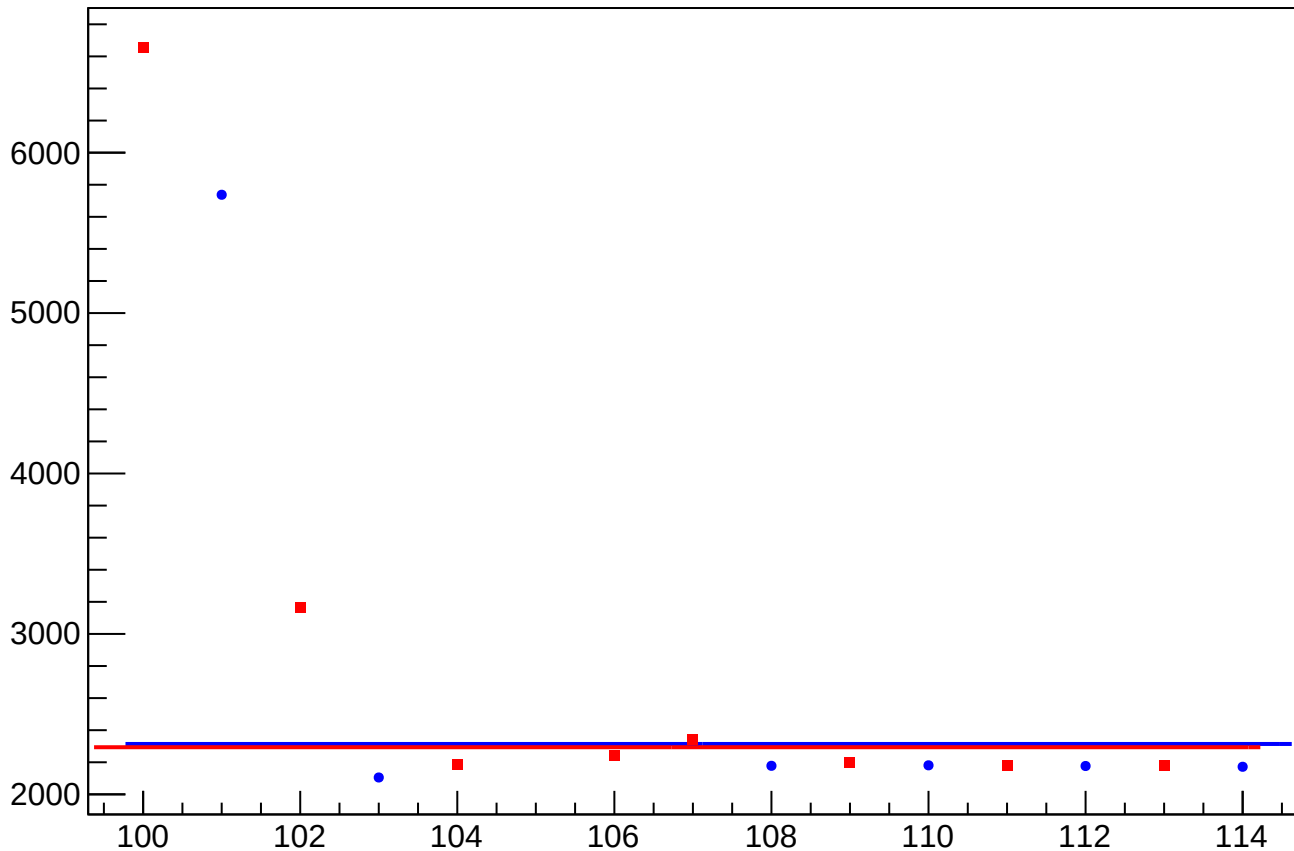
Right: 946.664+/-990.666 χ^2/NDF : 14.2/13

In: 1058.999+/-1494.064 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.664+/-990.666 χ^2/NDF : 14.2/13

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

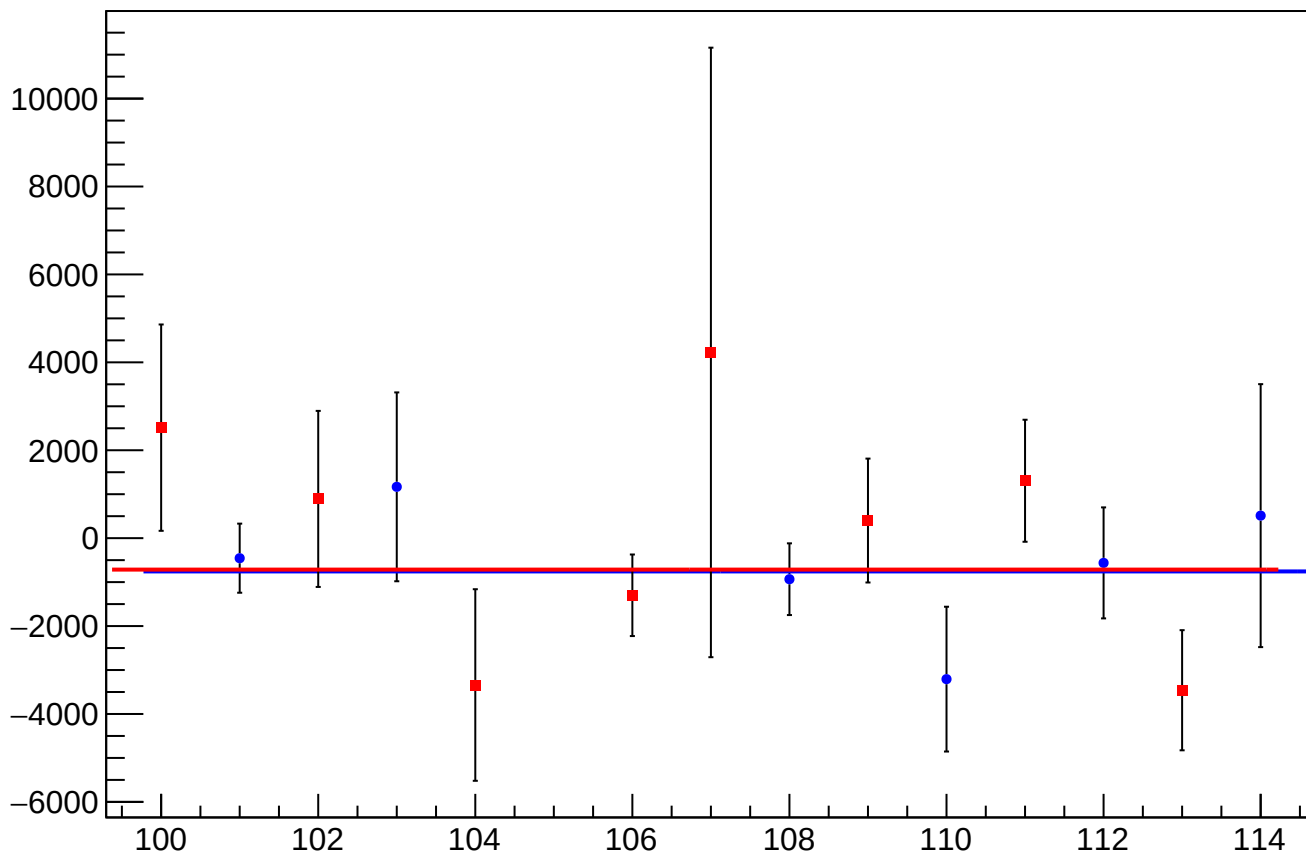
Right: 2302.700+/-0.701 χ^2/NDF : 630502.0/13

In: 2314.107+/-1.056 χ^2/NDF : 489492.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.700+/-0.701 χ^2/NDF : 630502.0/13

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

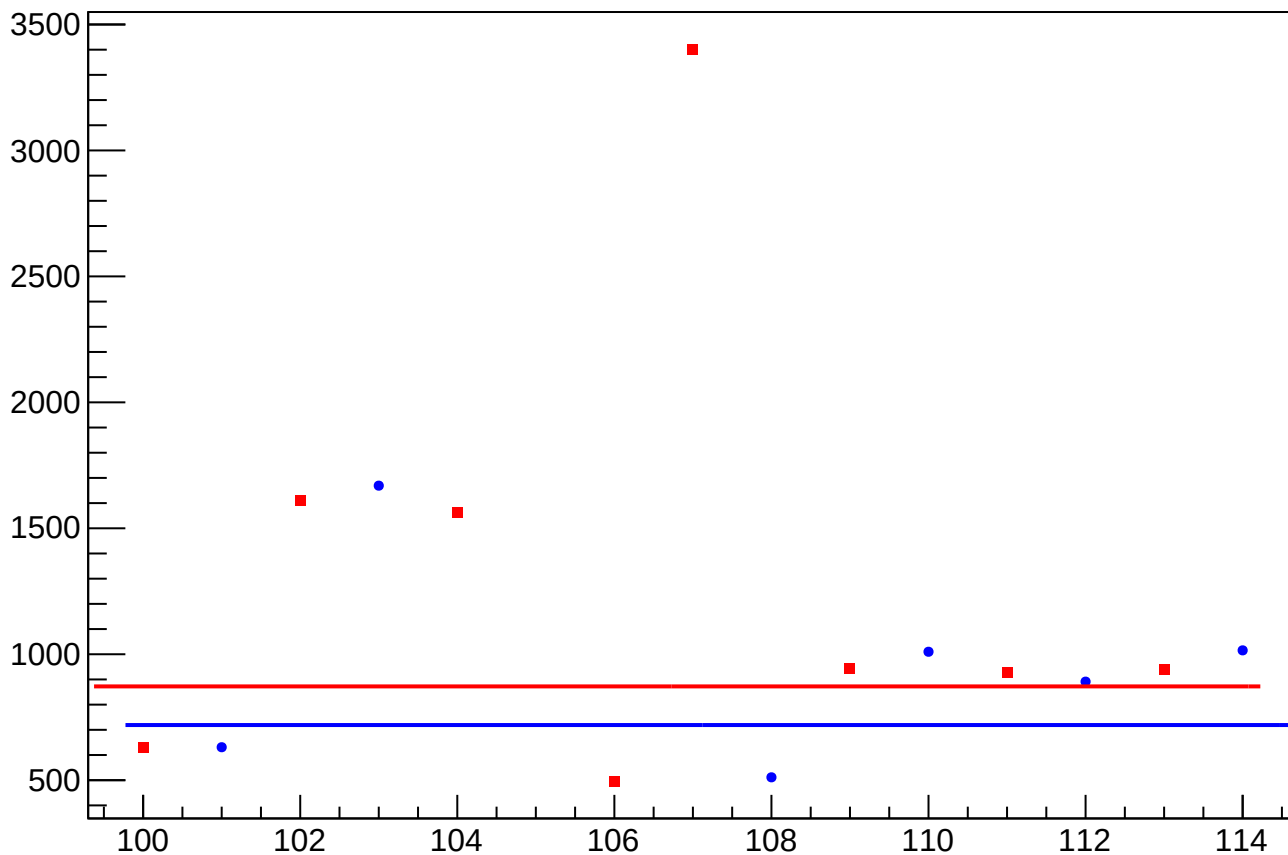
Right: -738.971+/-357.421 χ^2/NDF : 15.1/13

In: -756.948+/-474.280 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -738.971+/-357.421 χ^2/NDF : 15.1/13

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.981+/-0.335 χ^2/NDF : 665198.7/5

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

Right Out: 872.355+/-0.384 χ^2/NDF : 1104027.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

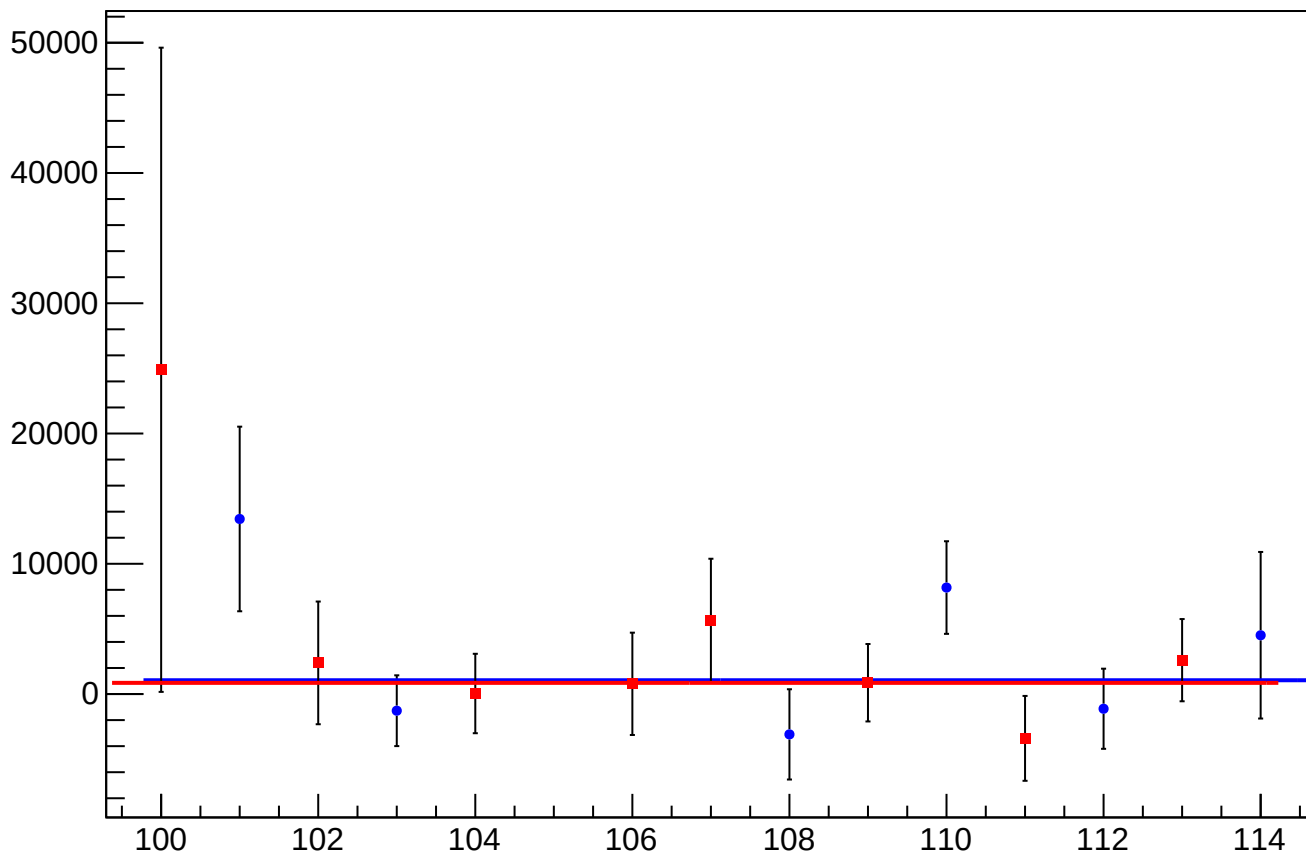
Right: 785.250+/-0.253 χ^2/NDF : 1859595.1/13

In: 718.981+/-0.335 χ^2/NDF : 665198.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.250+/-0.253 χ^2/NDF : 1859595.1/13

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1058.995+/-1494.063 χ^2/NDF : 10.0/5

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

Right Out: 858.519+/-1323.430 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

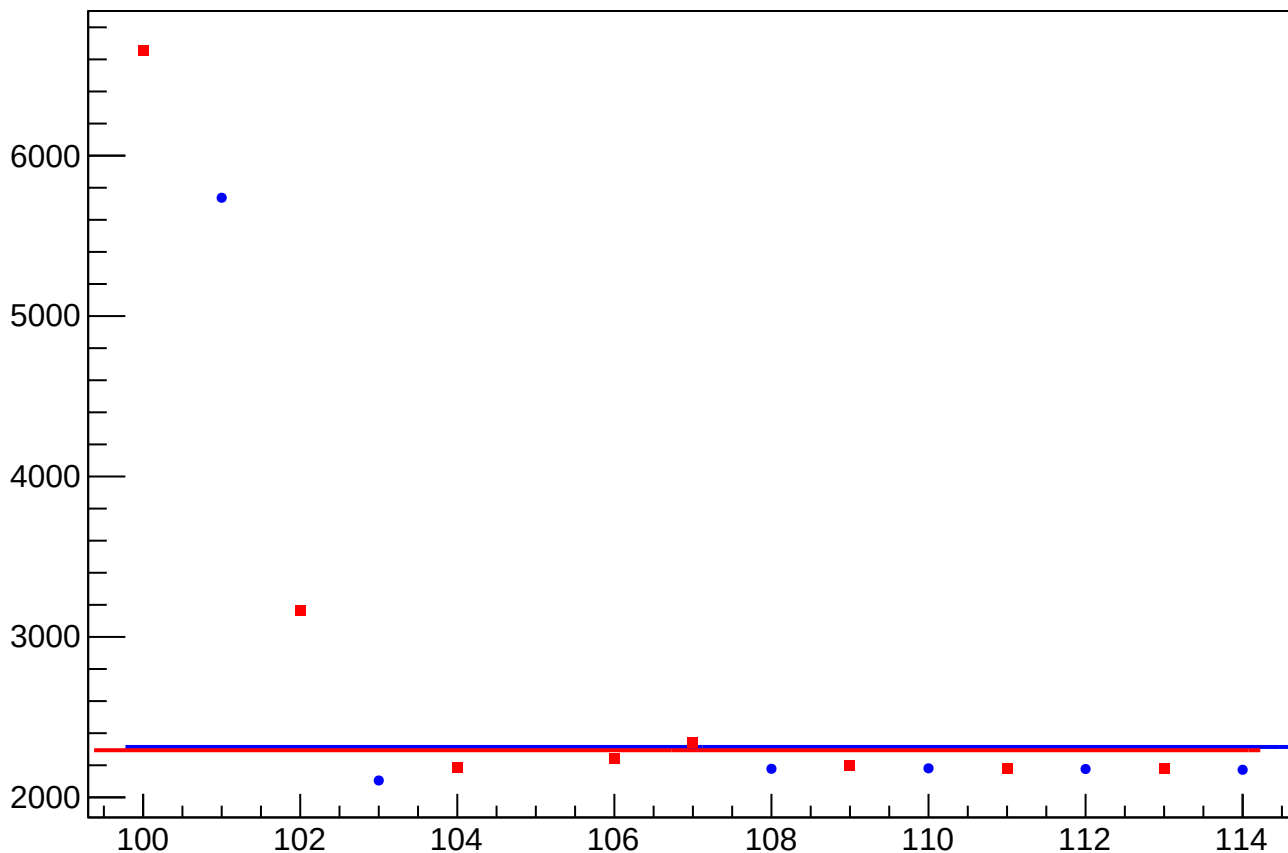
Right: 946.660+/-990.666 χ^2/NDF : 14.2/13

In: 1058.995+/-1494.063 χ^2/NDF :10.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 946.660+/-990.666 χ^2/NDF : 14.2/13

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2314.106+/-1.056 χ^2/NDF : 489493.3/5

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

Right Out: 2293.749+/-0.936 χ^2/NDF : 140800.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

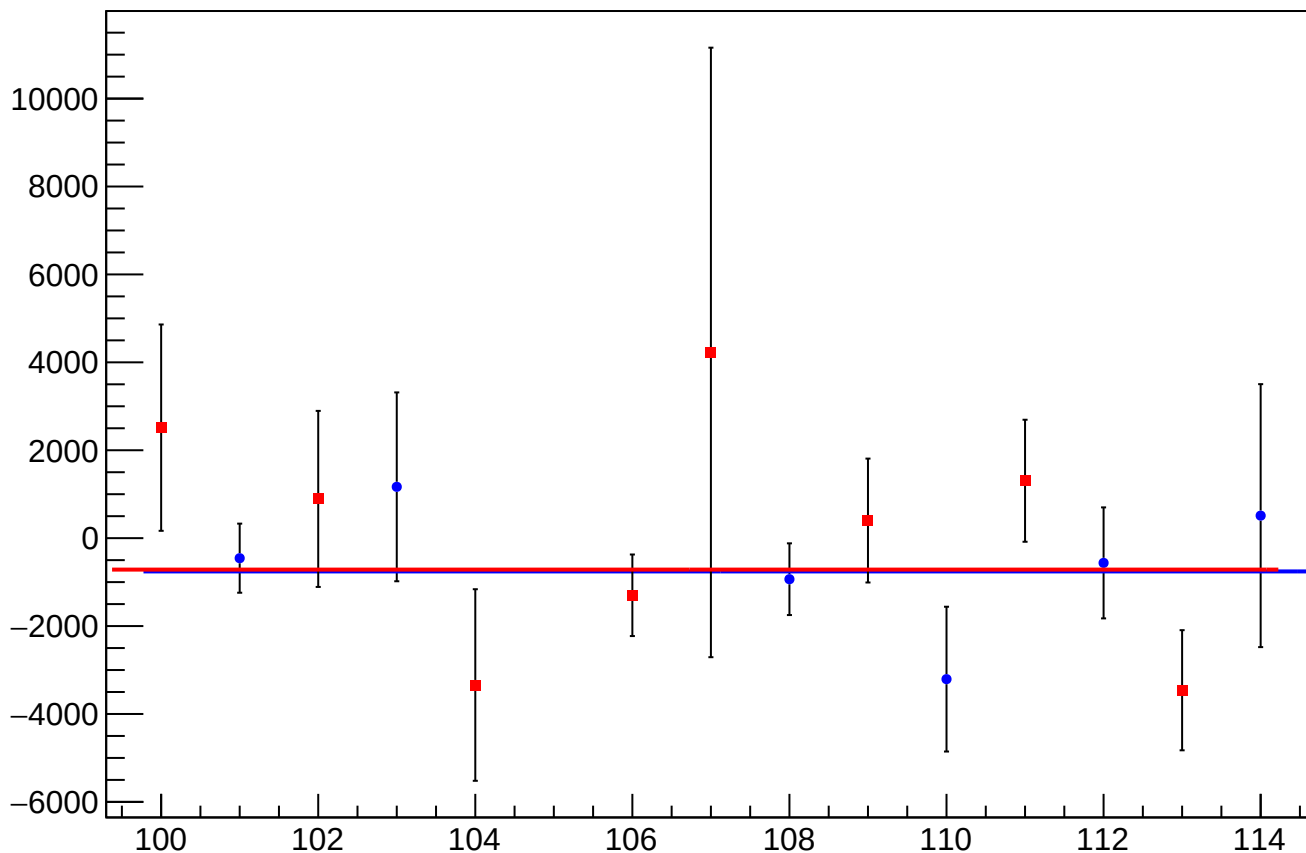
Right: 2302.699+/-0.701 χ^2/NDF : 630502.0/13

In: 2314.106+/-1.056 χ^2/NDF : 489493.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.699+/-0.701 χ^2/NDF : 630502.0/13

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

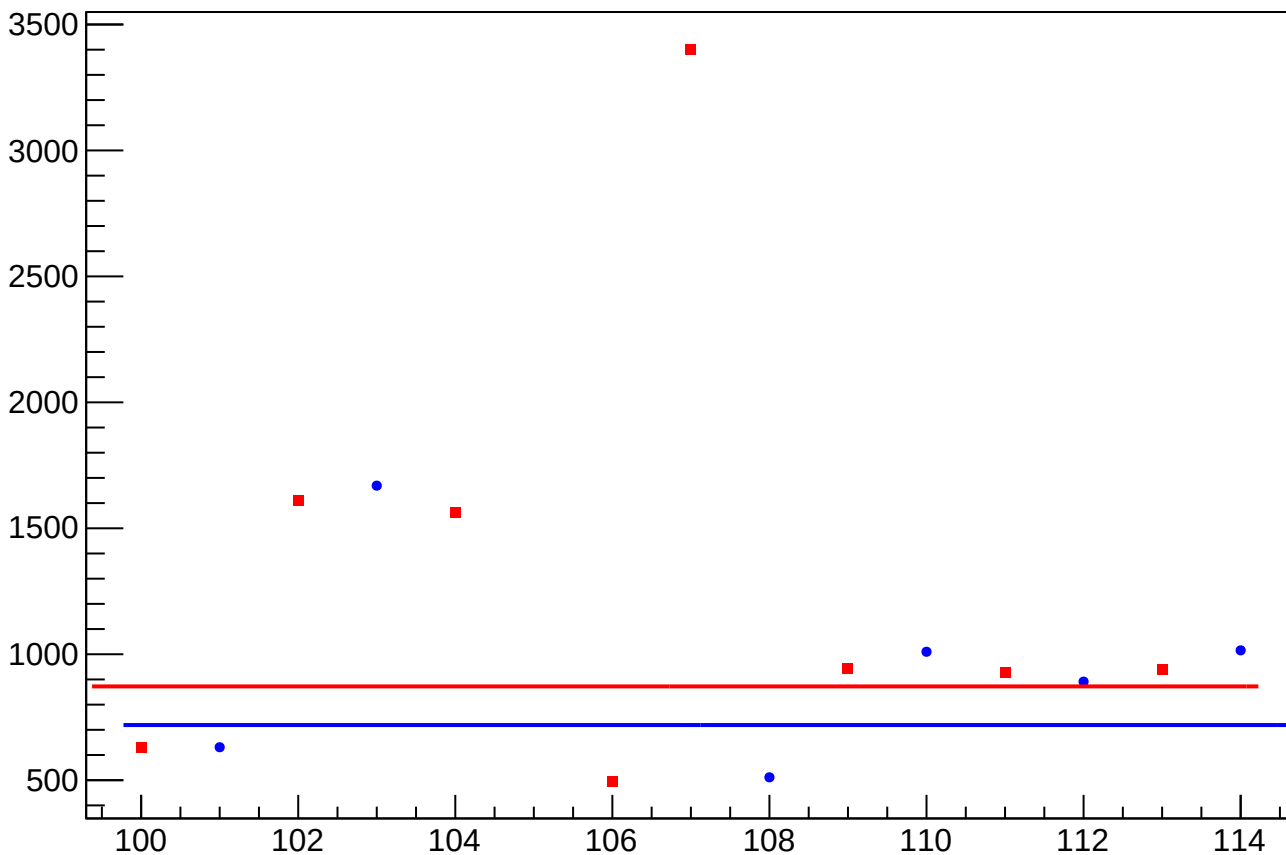
Right: -738.971+/-357.421 χ^2/NDF : 15.1/13

In: -756.947+/-474.279 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -738.971+/-357.421 χ^2/NDF : 15.1/13

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.980+/-0.335 χ^2/NDF : 665201.8/5

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

Right Out: 872.354+/-0.384 χ^2/NDF : 1104032.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

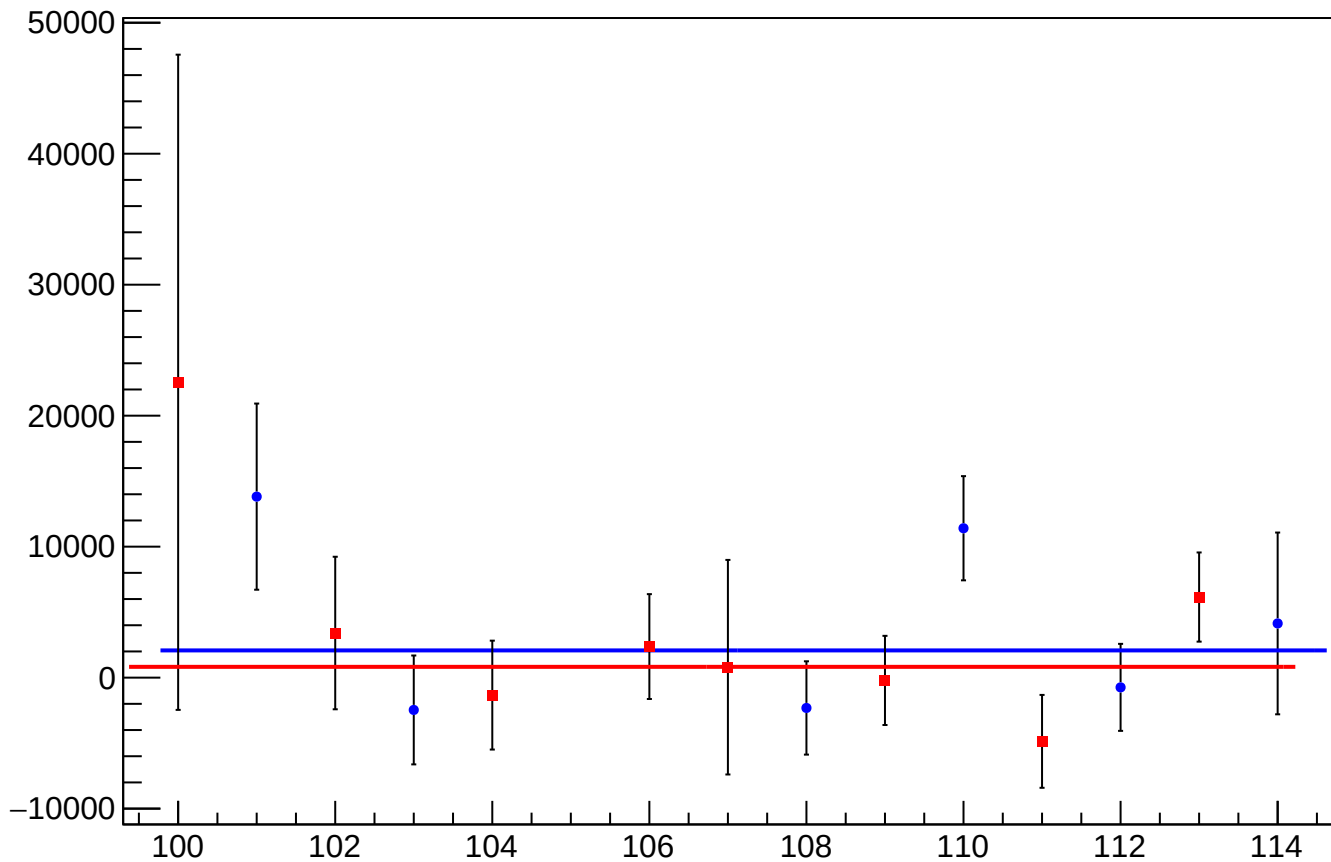
Right: 785.249+/-0.253 χ^2/NDF : 1859603.5/13

In: 718.980+/-0.335 χ^2/NDF : 665201.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.249+/-0.253 χ^2/NDF : 1859603.5/13

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

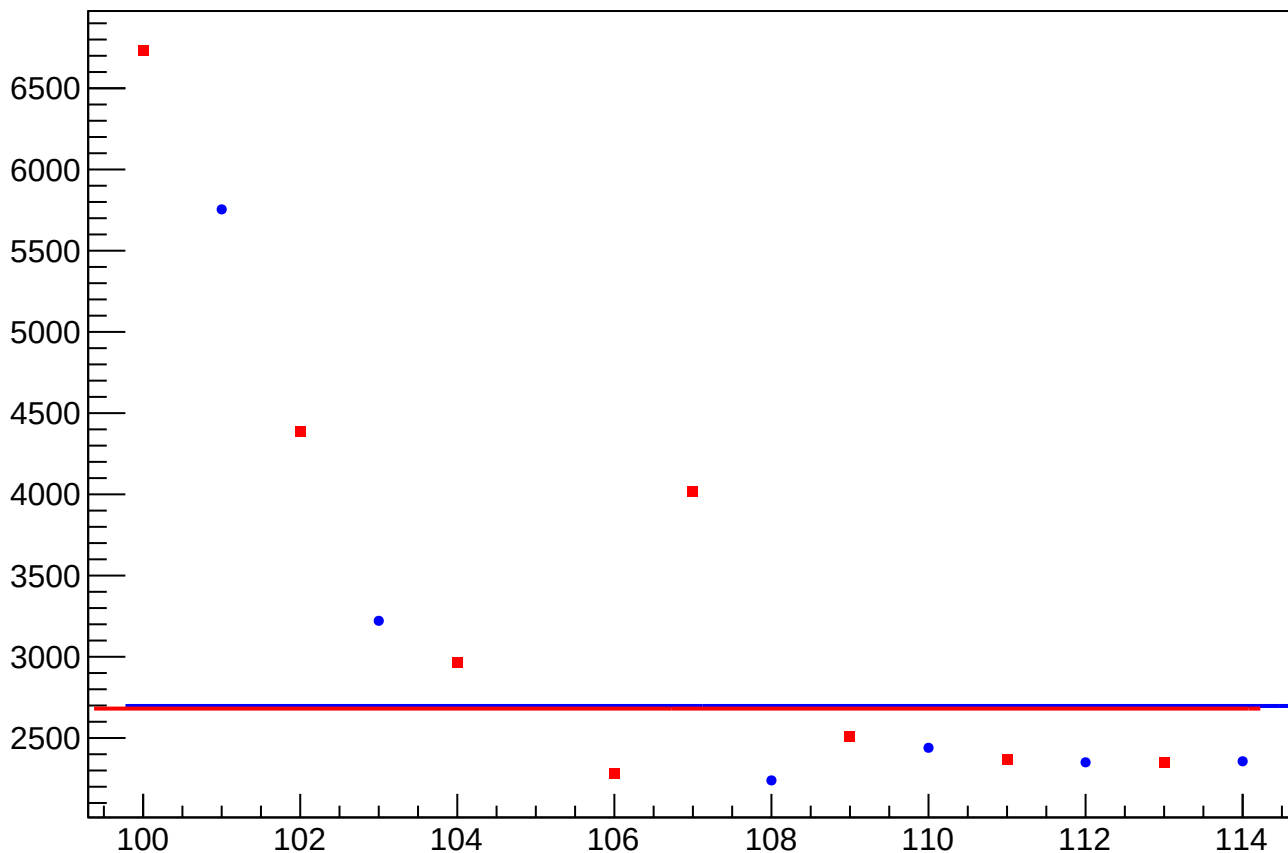
Right: 1378.506+/-1155.007 χ^2/NDF : 18.5/13

In: 2078.670+/-1737.794 χ^2/NDF : 11.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.506+/-1155.007 χ^2/NDF : 18.5/13

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

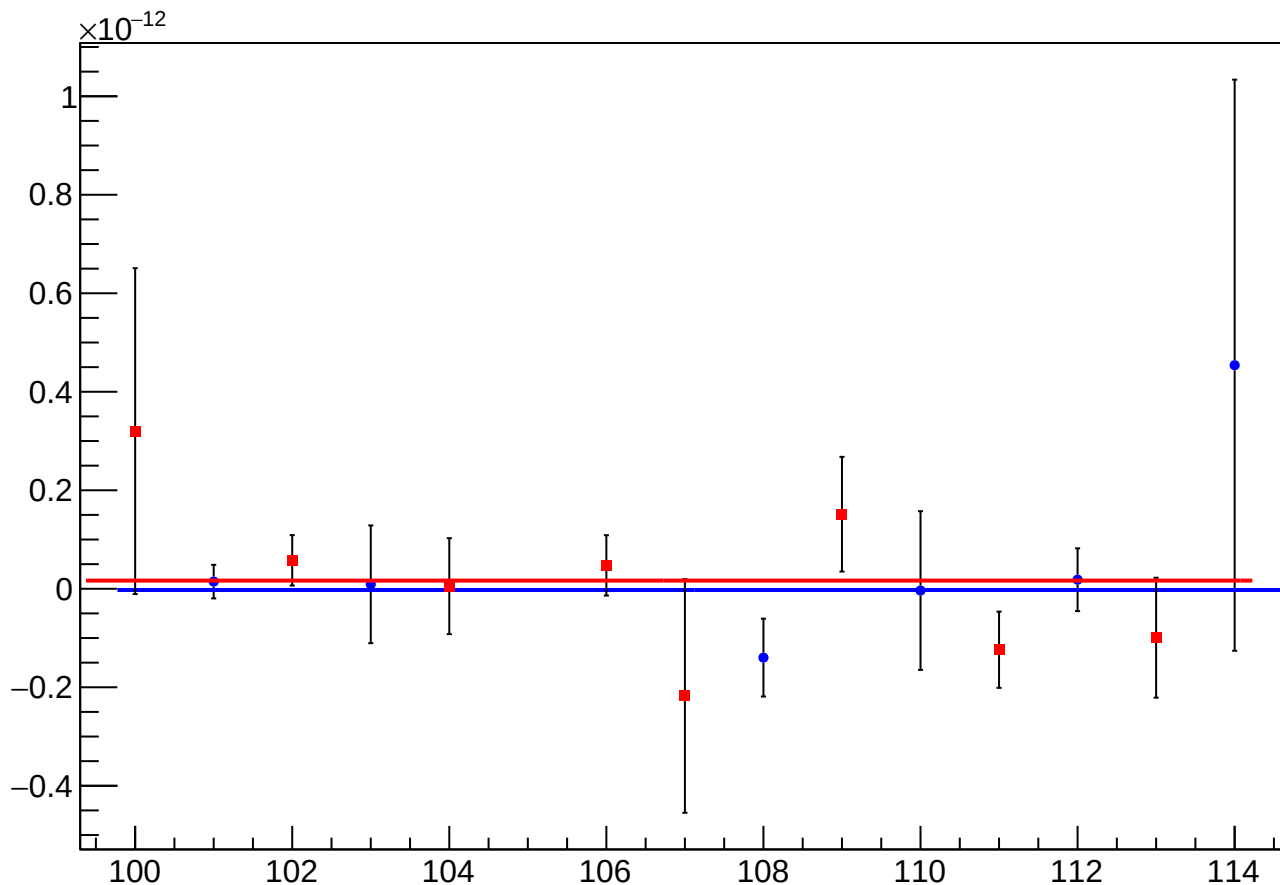
Right: 2688.215+/-0.817 χ^2/NDF : 816003.0/13

In: 2697.185+/-1.229 χ^2/NDF : 470109.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2688.215+/-0.817 χ^2/NDF : 816003.0/13

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

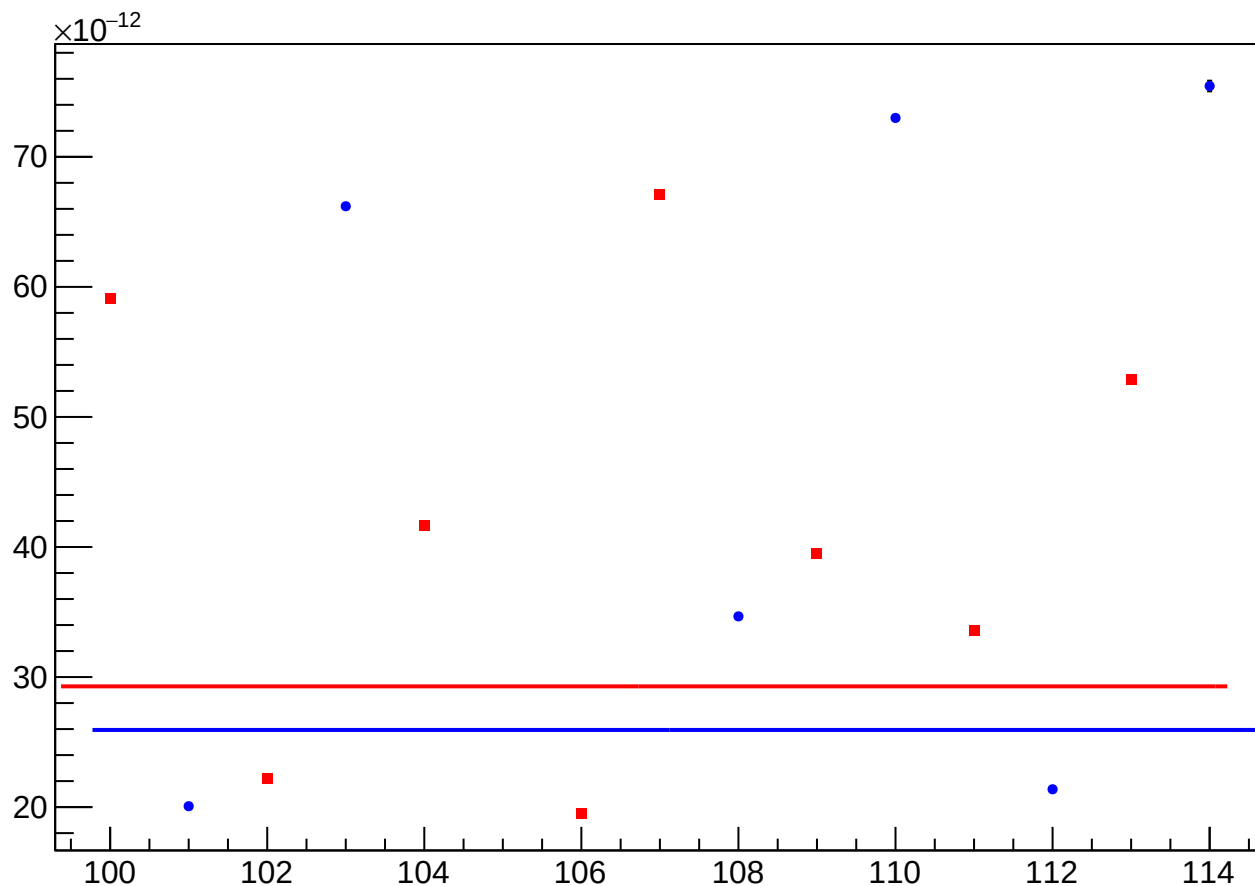
Right: 0.000+/-0.000 χ^2/NDF : 12.5/13

In: -0.000+/-0.000 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.5/13

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

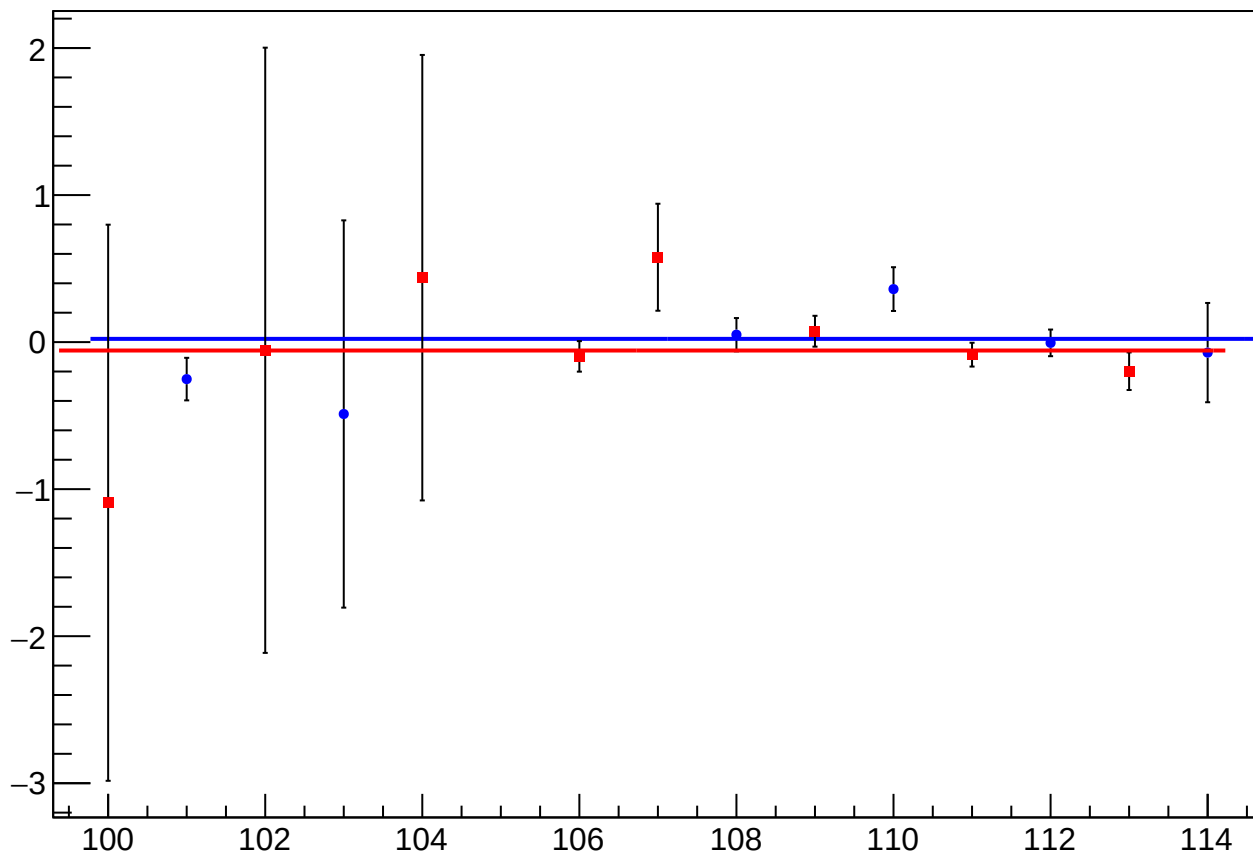
Right: 0.000+/-0.000 χ^2/NDF : 804782.0/13

In: 0.000+/-0.000 χ^2/NDF : 506004.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 804782.0/13

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.058 χ^2/NDF : 9.1/5

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

Right Out: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

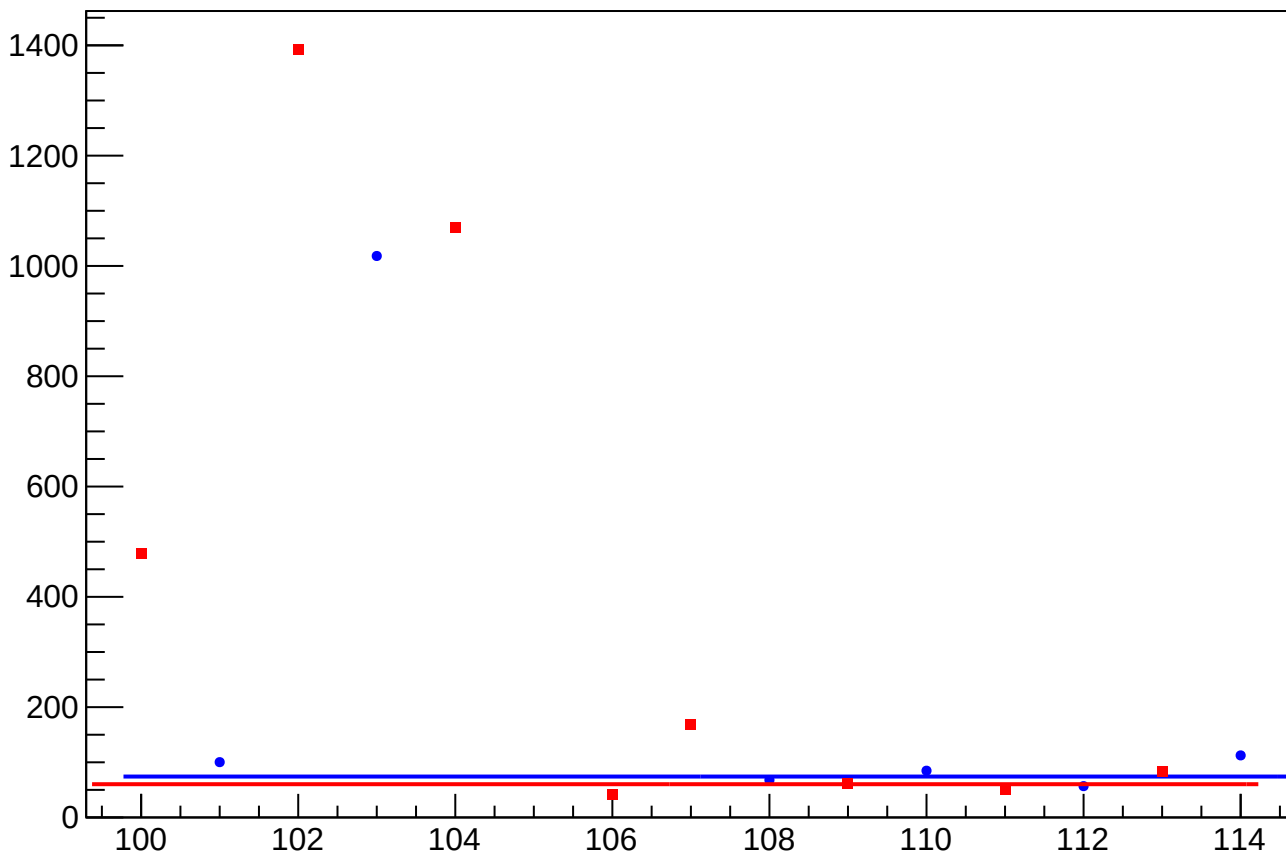
Right: -0.023+/-0.038 χ^2/NDF : 16.7/13

In: 0.022+/-0.058 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/13

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.171+/-0.041 χ^2/NDF : 1208470.4/5

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

Right Out: 60.297+/-0.035 χ^2/NDF : 2159212.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

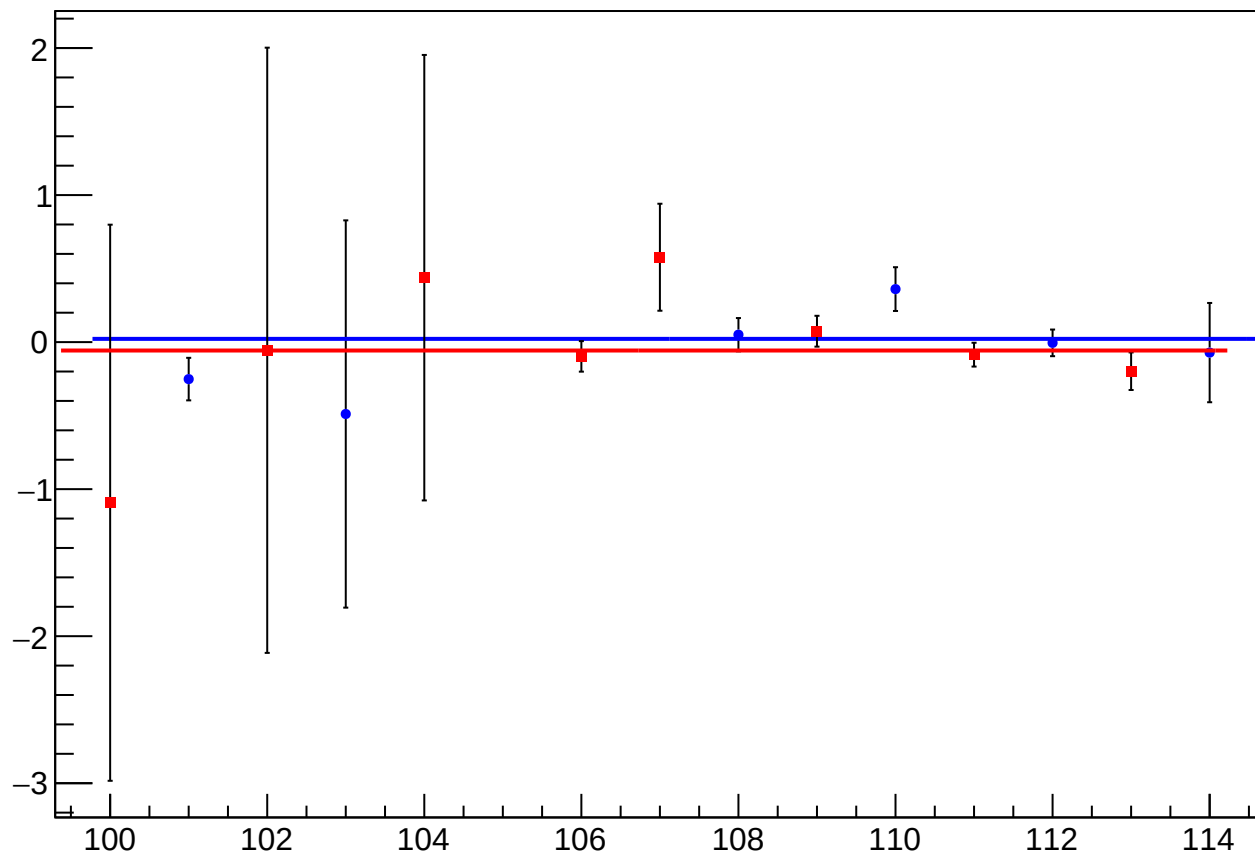
Right: 66.218+/-0.027 χ^2/NDF : 3434390.8/13

In: 74.171+/-0.041 χ^2/NDF : 1208470.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.218+/-0.027 χ^2/NDF : 3434390.8/13

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.058 χ^2/NDF : 9.1/5

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

Right Out: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

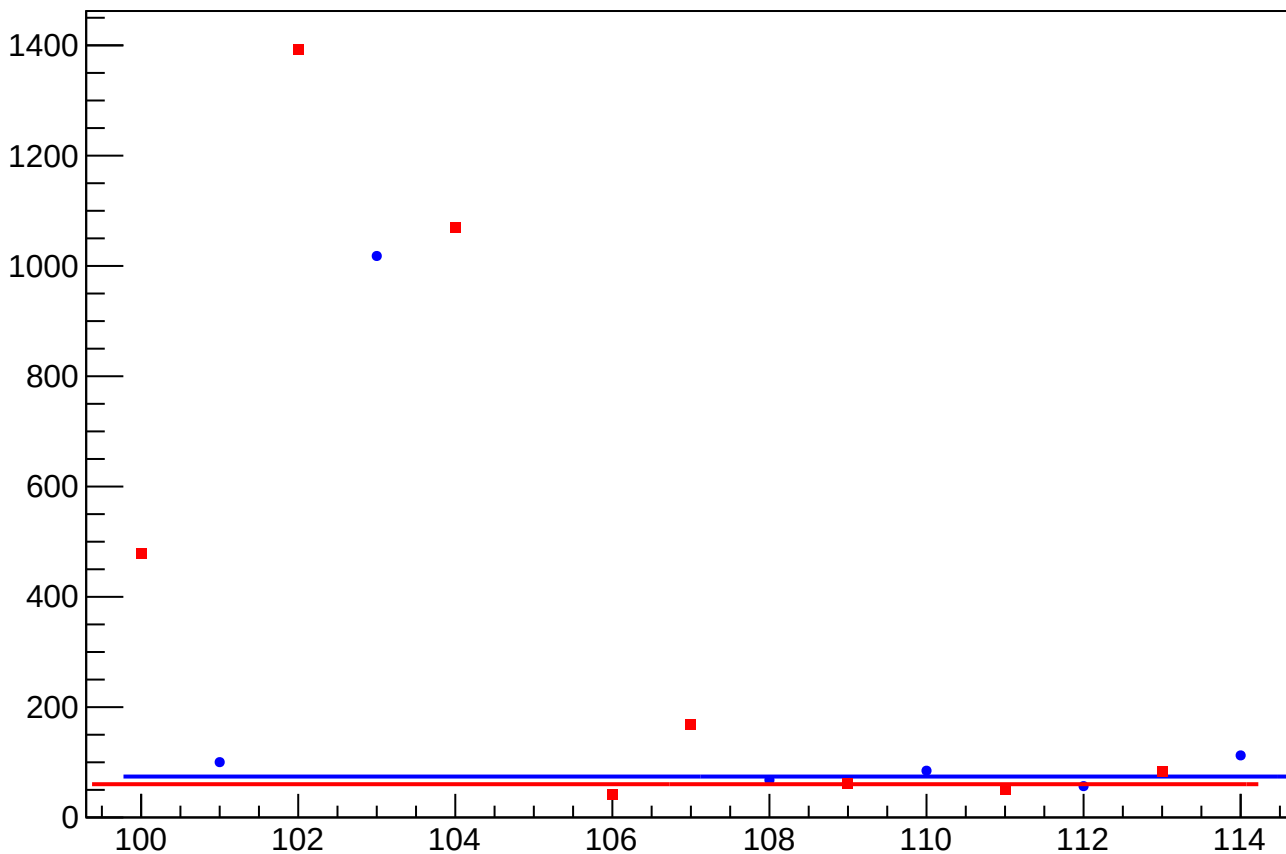
Right: -0.023+/-0.038 χ^2/NDF : 16.7/13

In: 0.022+/-0.058 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/13

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.171+/-0.041 χ^2/NDF : 1208470.4/5

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

Right Out: 60.297+/-0.035 χ^2/NDF : 2159212.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

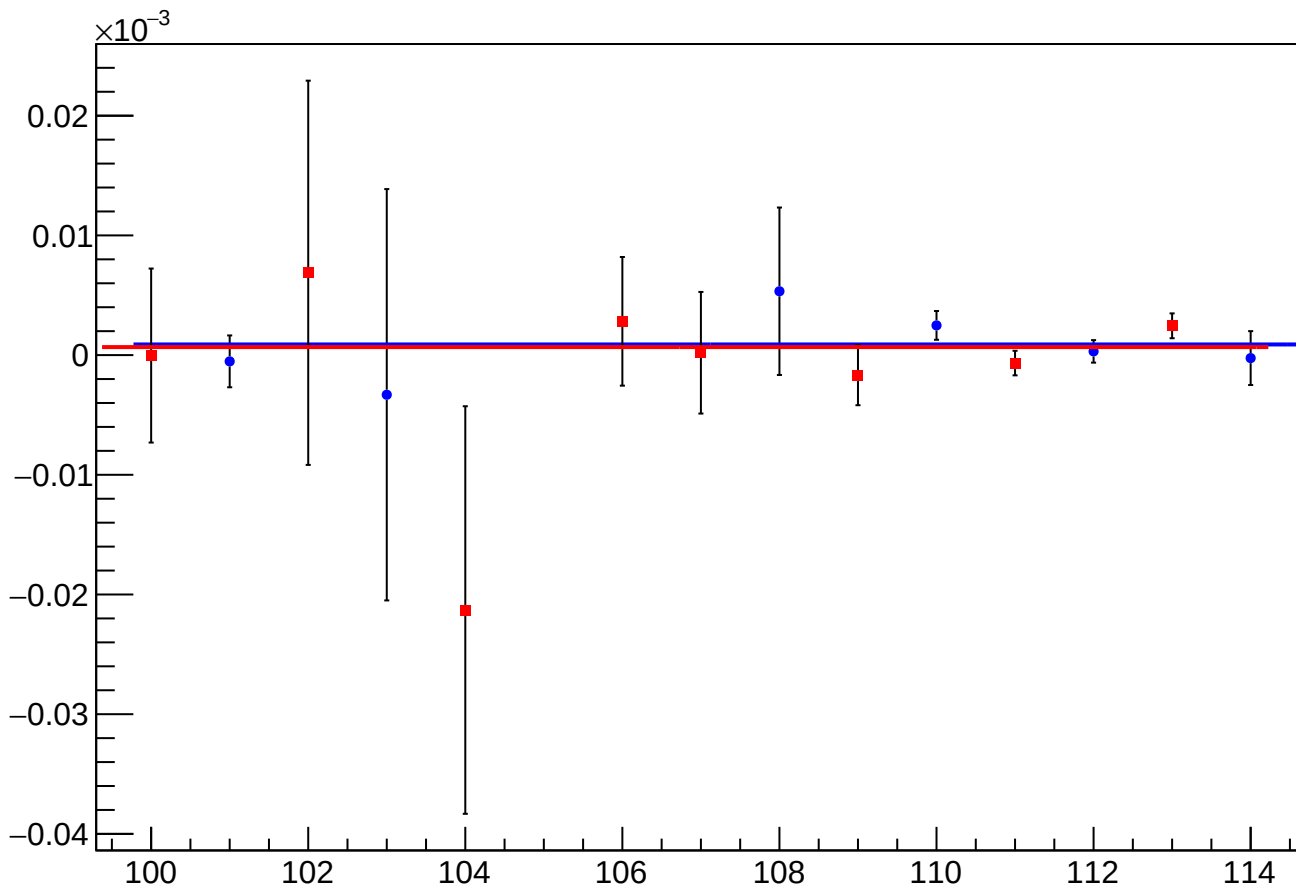
Right: 66.218+/-0.027 χ^2/NDF : 3434390.8/13

In: 74.171+/-0.041 χ^2/NDF : 1208470.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.218+/-0.027 χ^2/NDF : 3434390.8/13

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 7.5/7

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

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

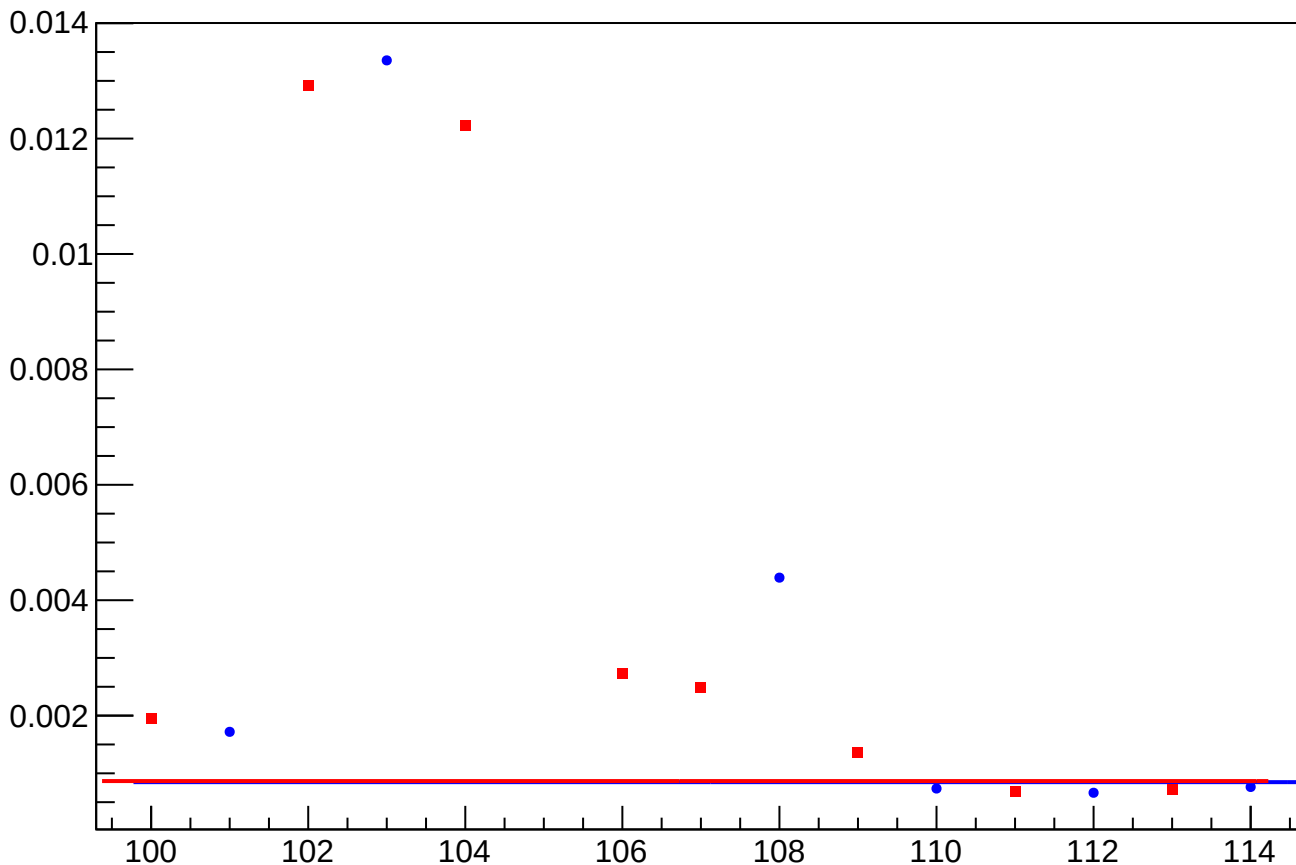
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/13

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

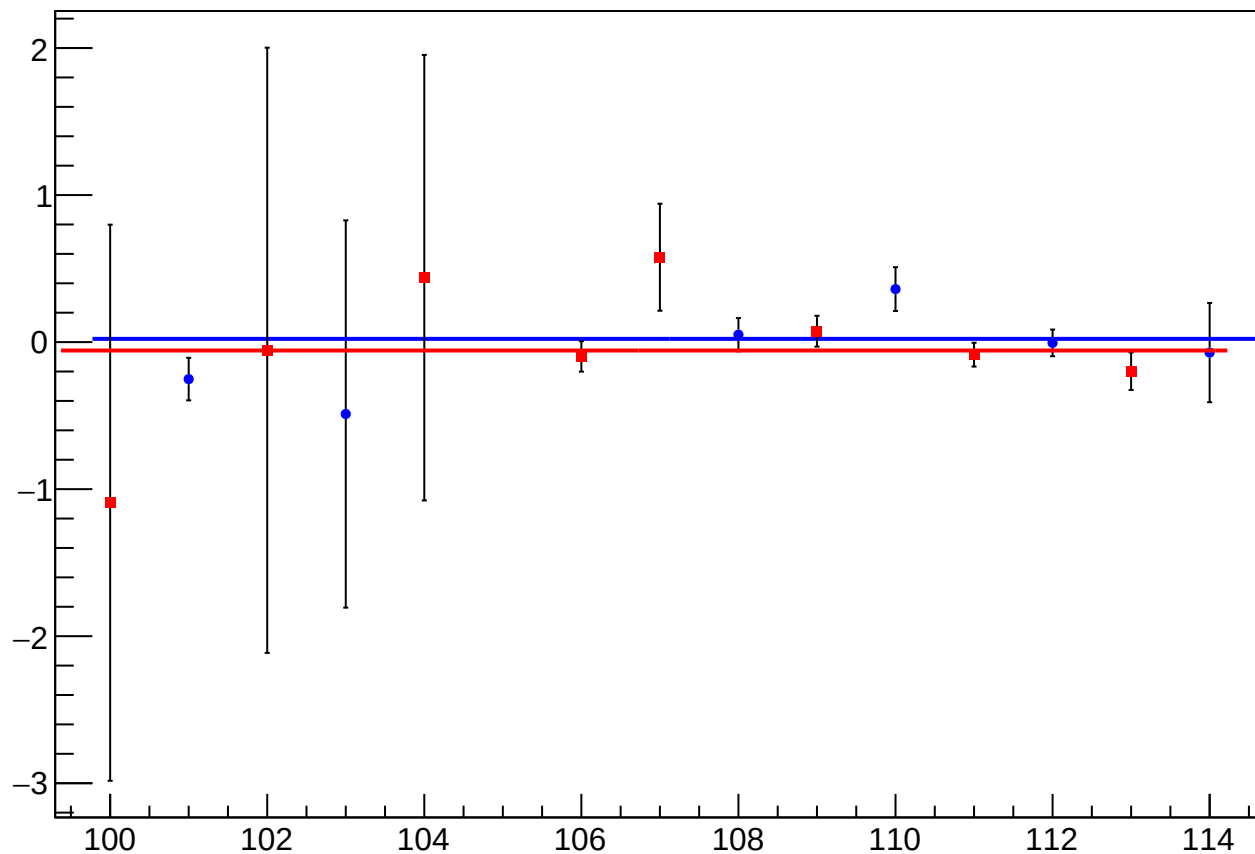
Right: 0.001+/-0.000 χ^2/NDF : 4685139.7/13

In: 0.001+/-0.000 χ^2/NDF : 1993615.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4685139.7/13

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.058 χ^2/NDF : 9.1/5

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

Right Out: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

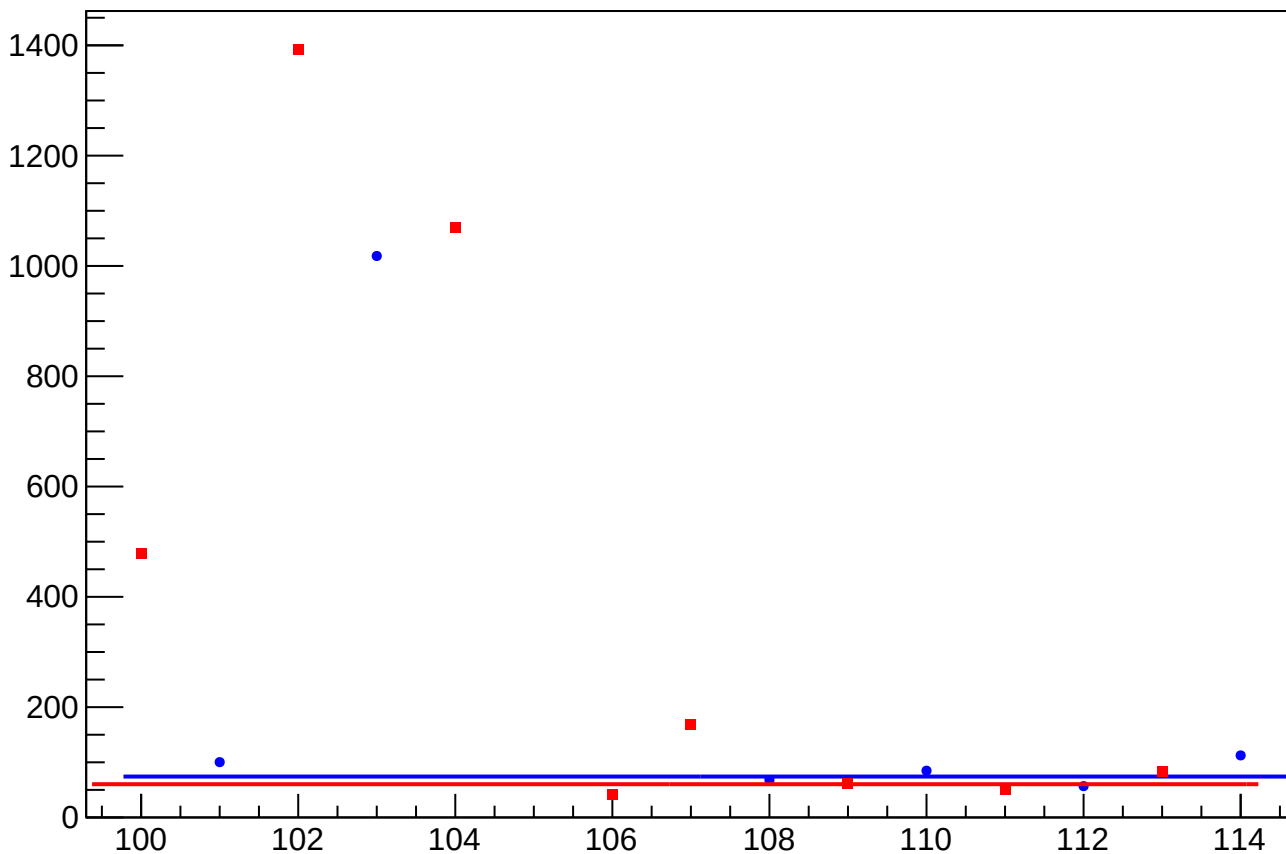
Right: -0.023+/-0.038 χ^2/NDF : 16.7/13

In: 0.022+/-0.058 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/13

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

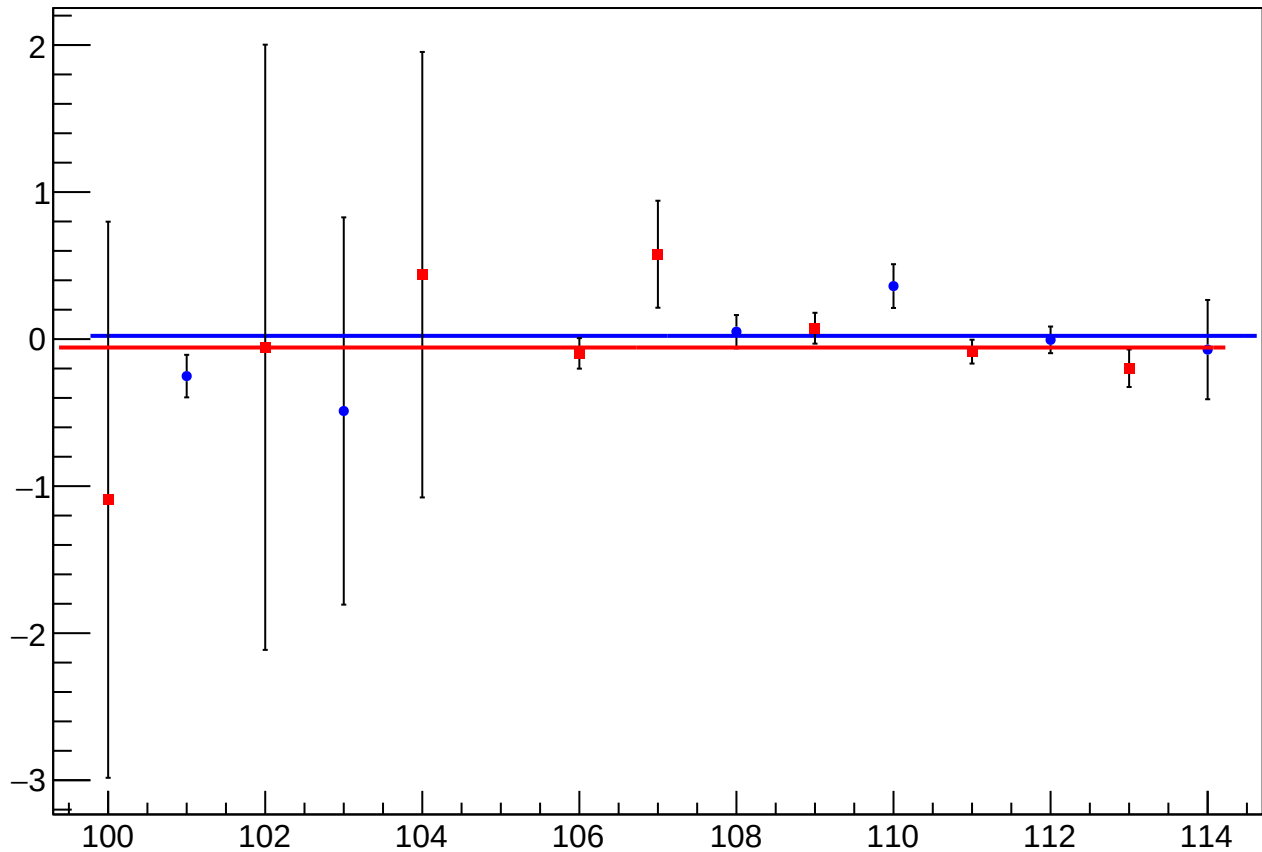
Right: 66.217 $\pm$ 0.027 χ^2 /NDF: 3434430.3/13

In: 74.172 $\pm$ 0.041 χ^2 /NDF: 1208462.7/5

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

All: 66.217 $\pm$ 0.027 χ^2 /NDF: 3434430.3/13

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.058 χ^2/NDF : 9.1/5

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

Right Out: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

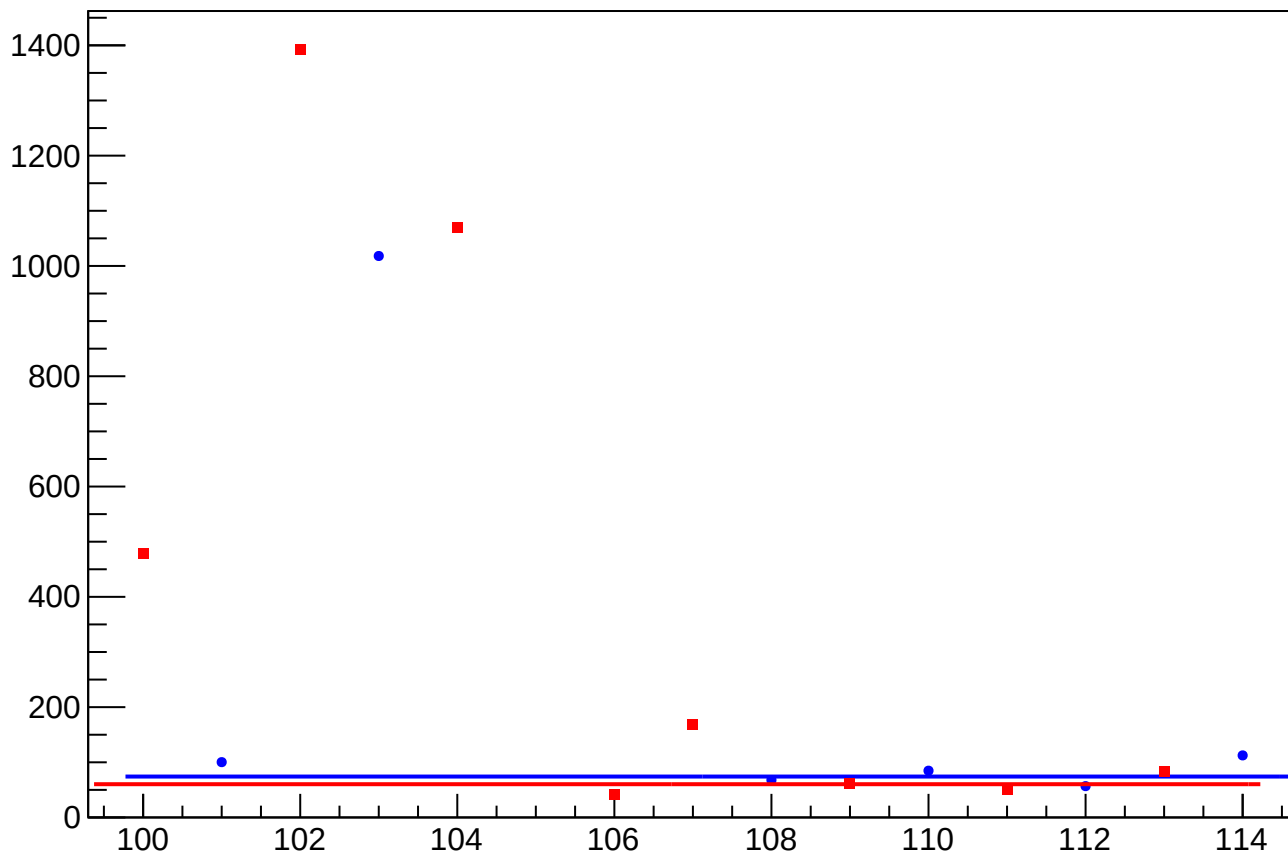
Right: -0.023+/-0.038 χ^2/NDF : 16.7/13

In: 0.022+/-0.058 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/13

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

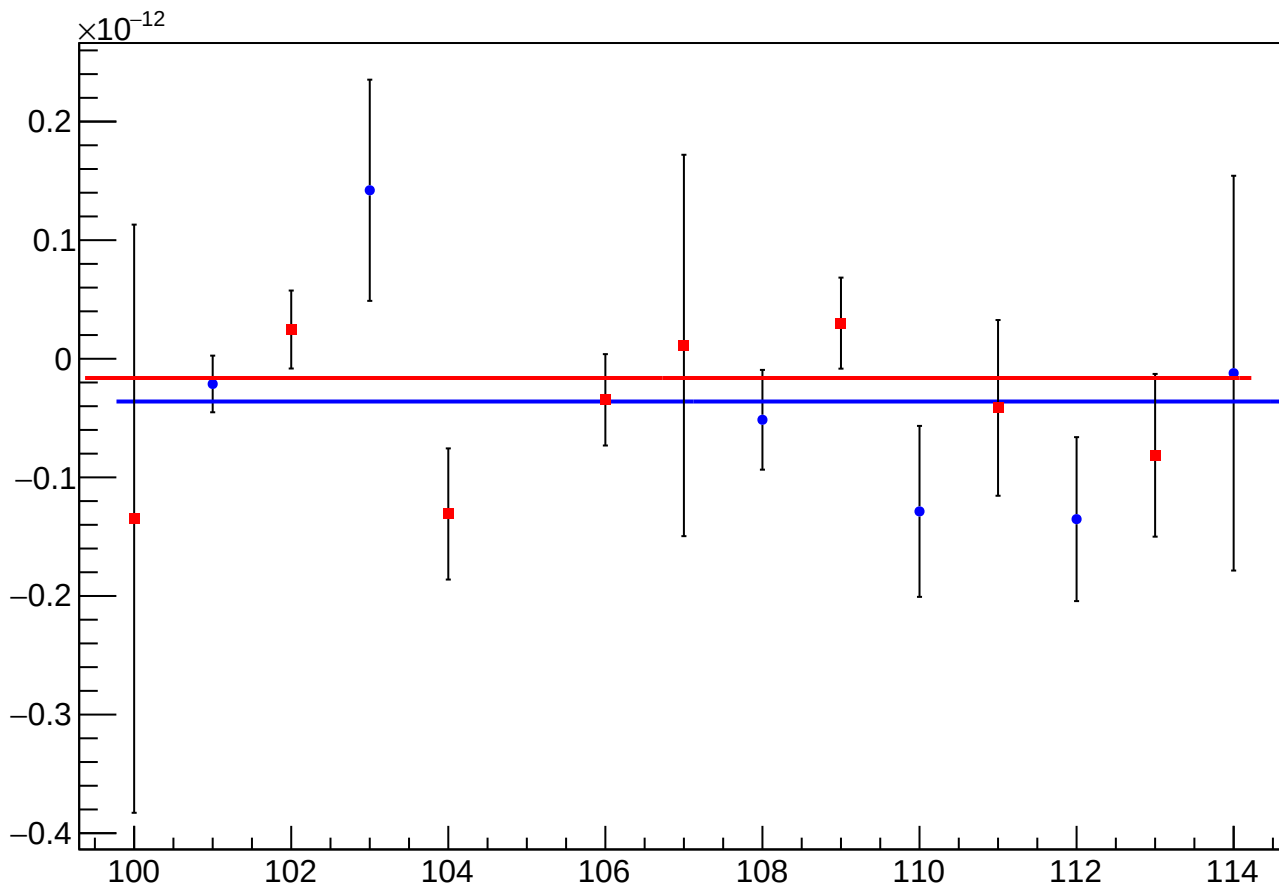
Right: 66.217 $\pm$ 0.027 χ^2 /NDF: 3434430.3/13

In: 74.172 $\pm$ 0.041 χ^2 /NDF:1208462.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.217 $\pm$ 0.027 χ^2 /NDF: 3434430.3/13

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

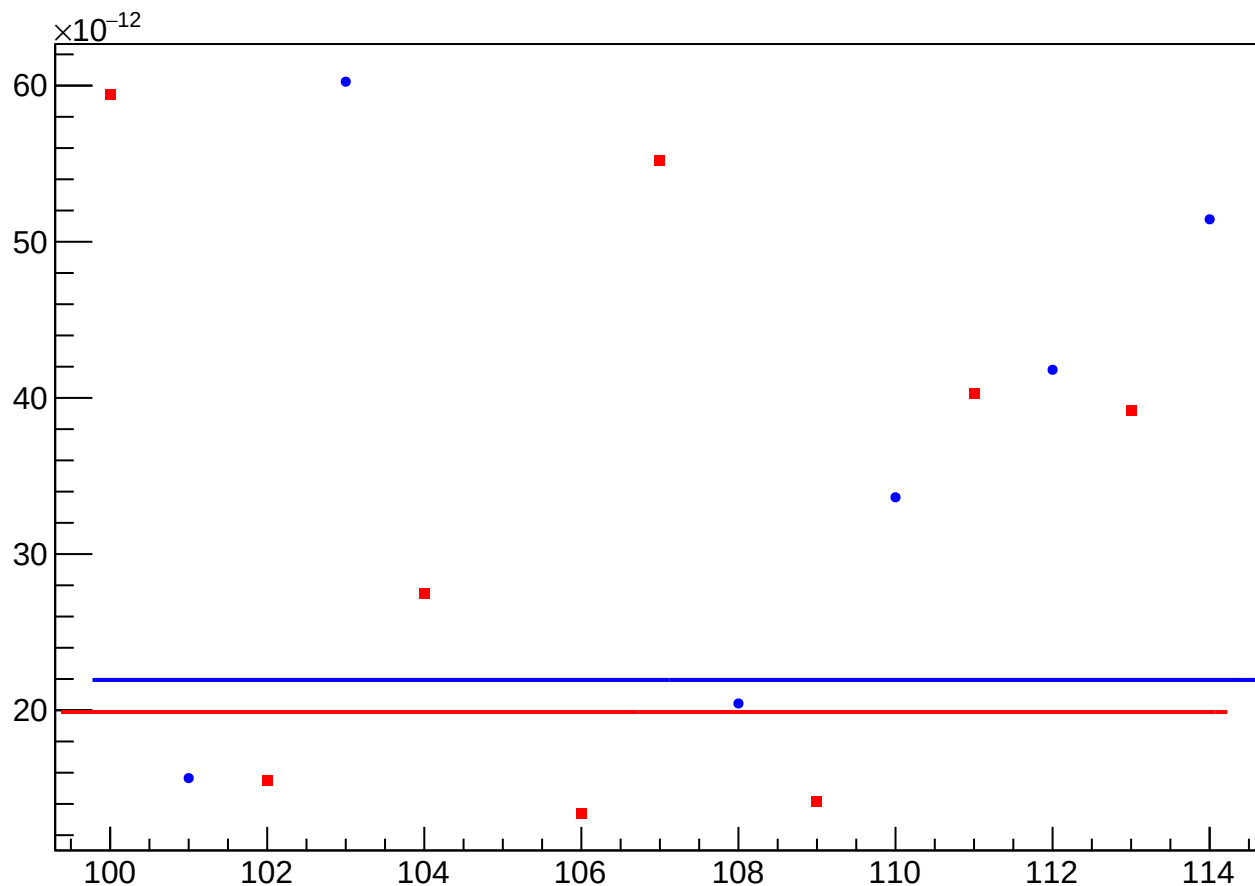
Right: -0.000+/-0.000 χ^2 /NDF: 17.3/13

In: -0.000+/-0.000 χ^2 /NDF:7.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.3/13

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

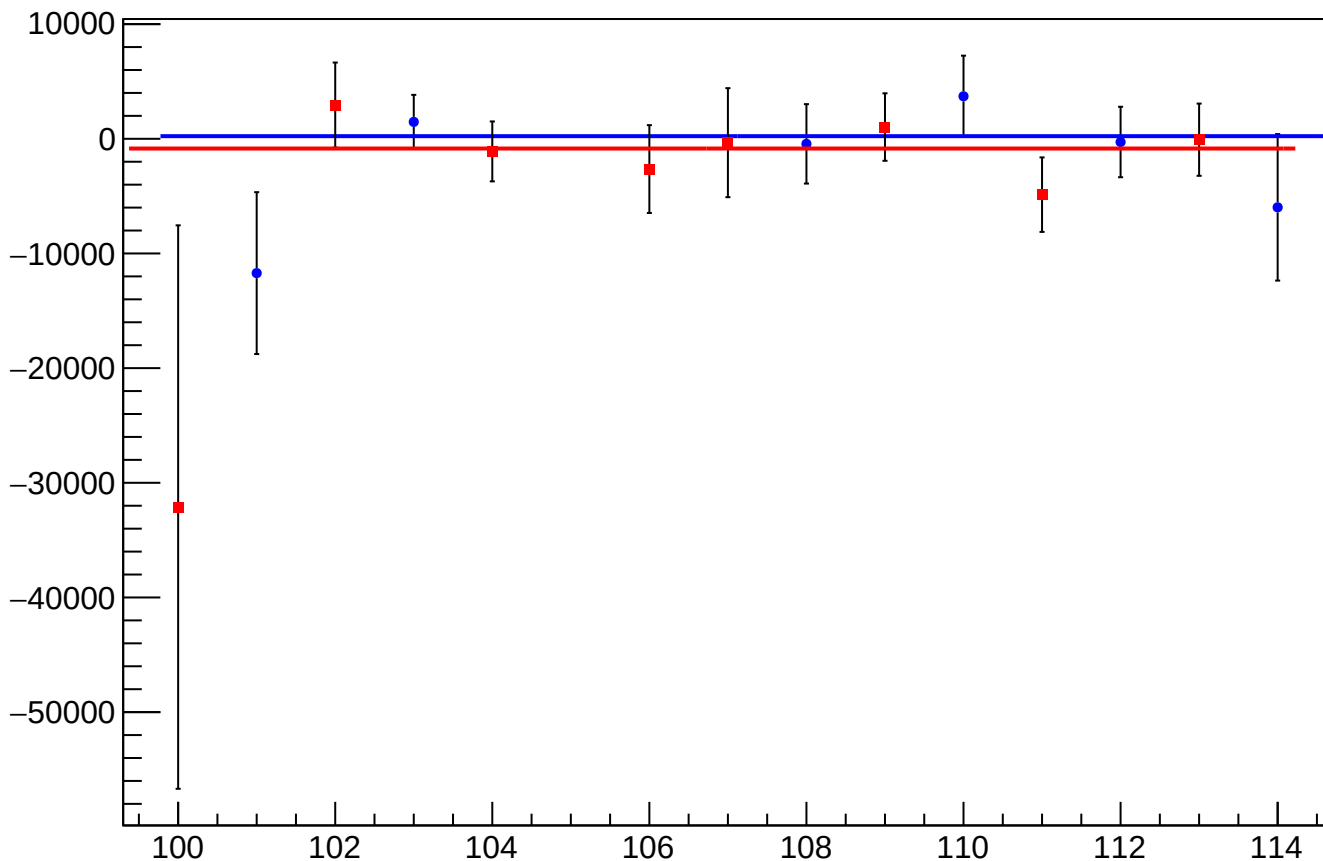
Right: 0.000+/-0.000 χ^2/NDF : 1403528.1/13

In: 0.000+/-0.000 χ^2/NDF : 759389.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1403528.1/13

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 228.667+/-1423.577 χ^2/NDF : 5.1/5

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

Right Out: -848.700+/-1246.036 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

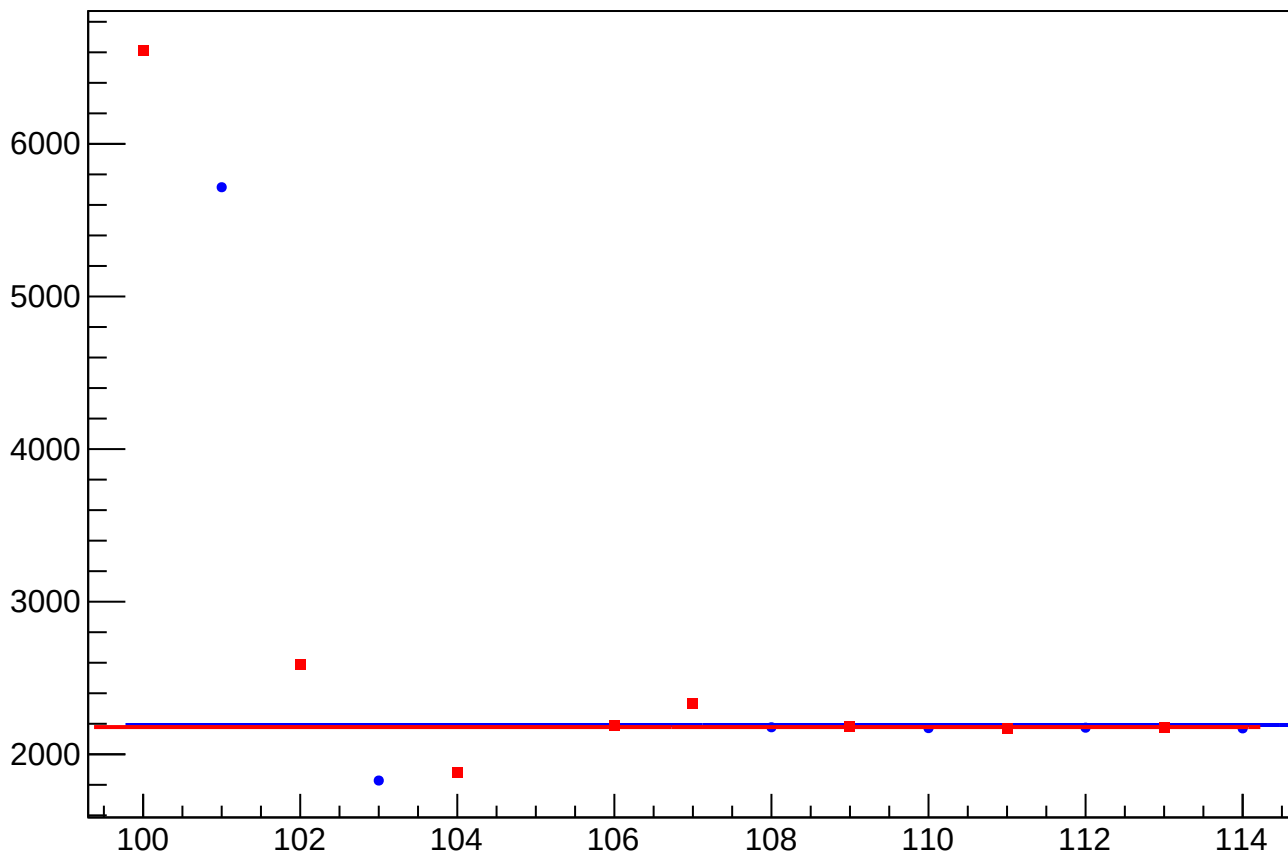
Right: -381.351+/-937.605 χ^2/NDF : 10.3/13

In: 228.667+/-1423.577 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.351+/-937.605 χ^2/NDF : 10.3/13

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2192.068+/-1.007 χ^2/NDF : 546290.0/5

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

Right Out: 2178.461+/-0.881 χ^2/NDF : 118325.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

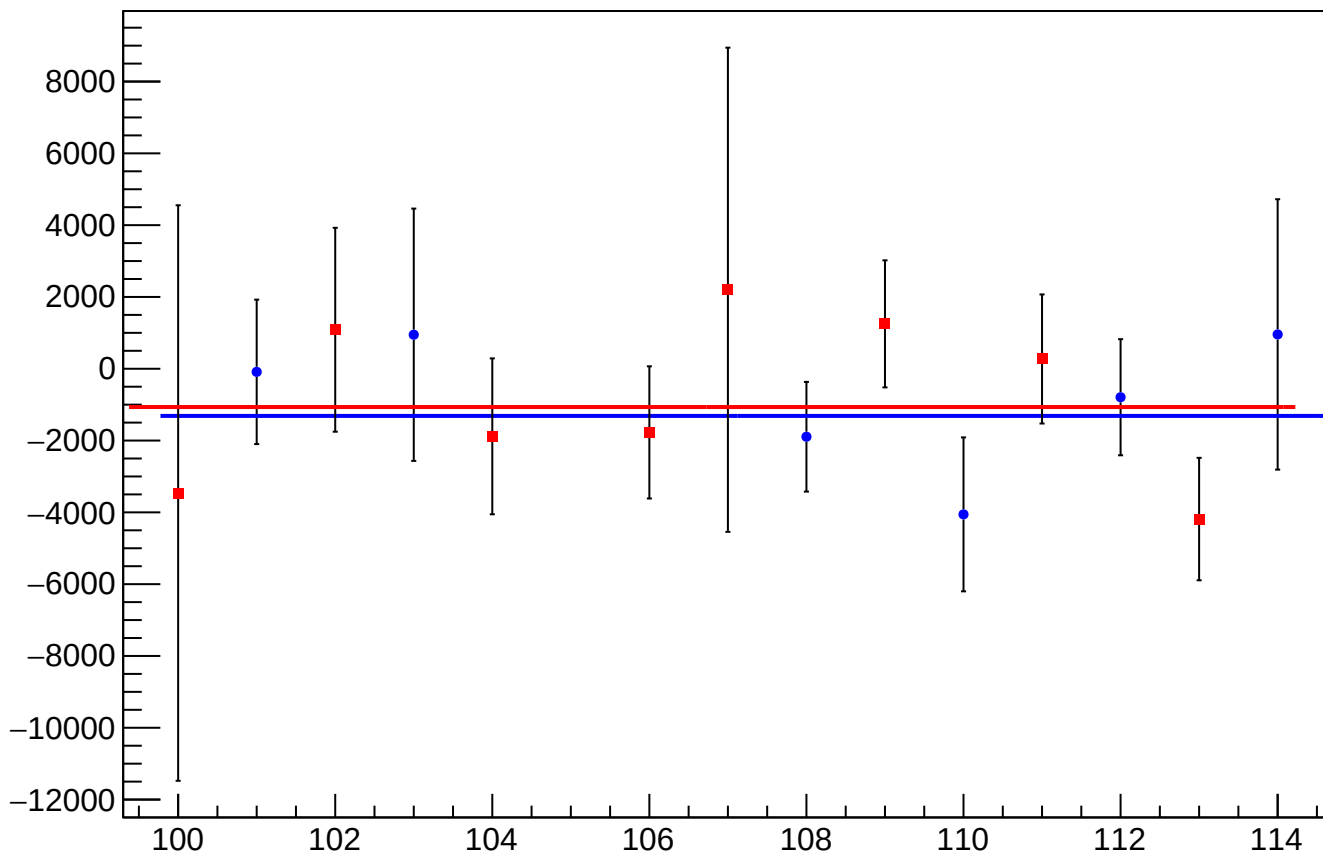
Right: 2184.364+/-0.663 χ^2/NDF : 664719.1/13

In: 2192.068+/-1.007 χ^2/NDF : 546290.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.364+/-0.663 χ^2/NDF : 664719.1/13

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



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

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

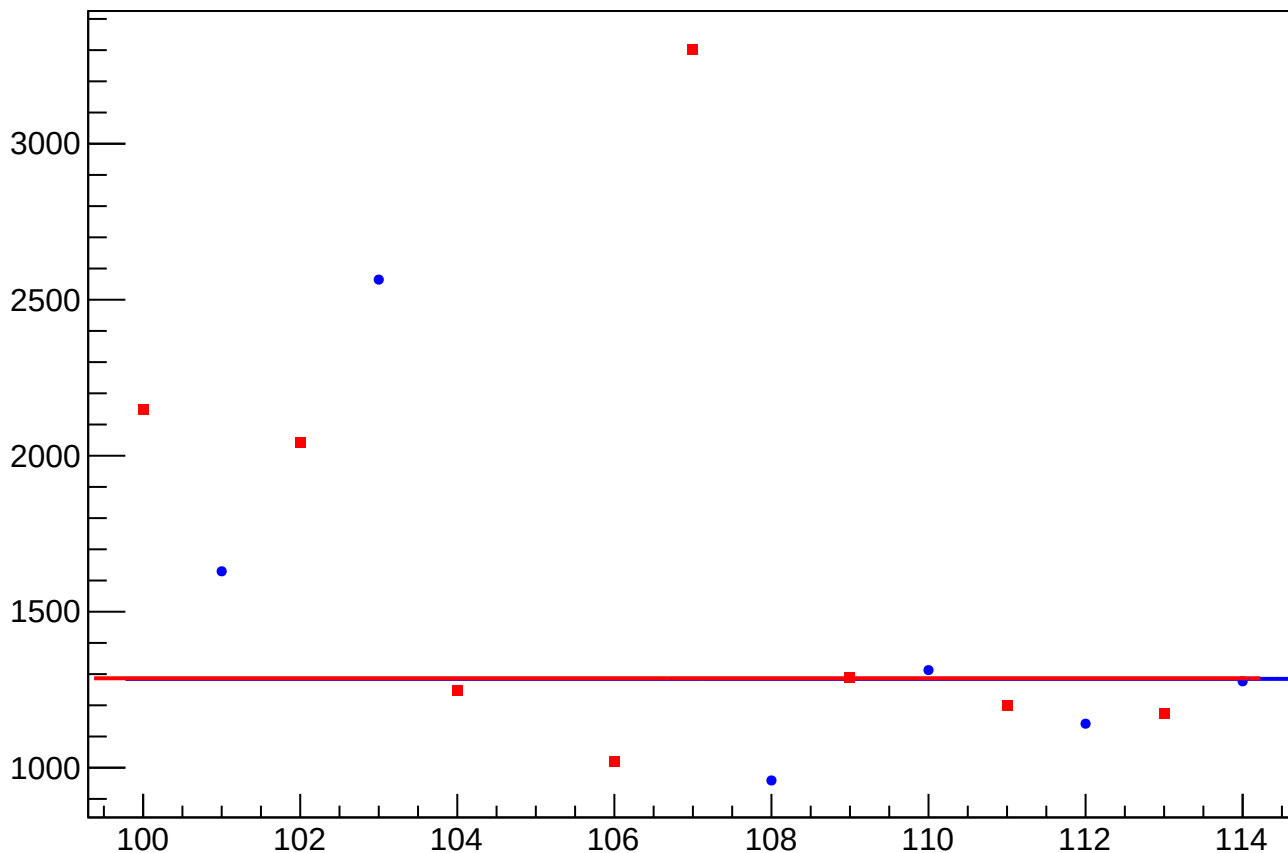
Right: -1181.038 $\pm$ 570.908 χ^2 /NDF: 9.9/13

In: -1313.504 $\pm$ 837.187 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1181.038 $\pm$ 570.908 χ^2 /NDF: 9.9/13

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

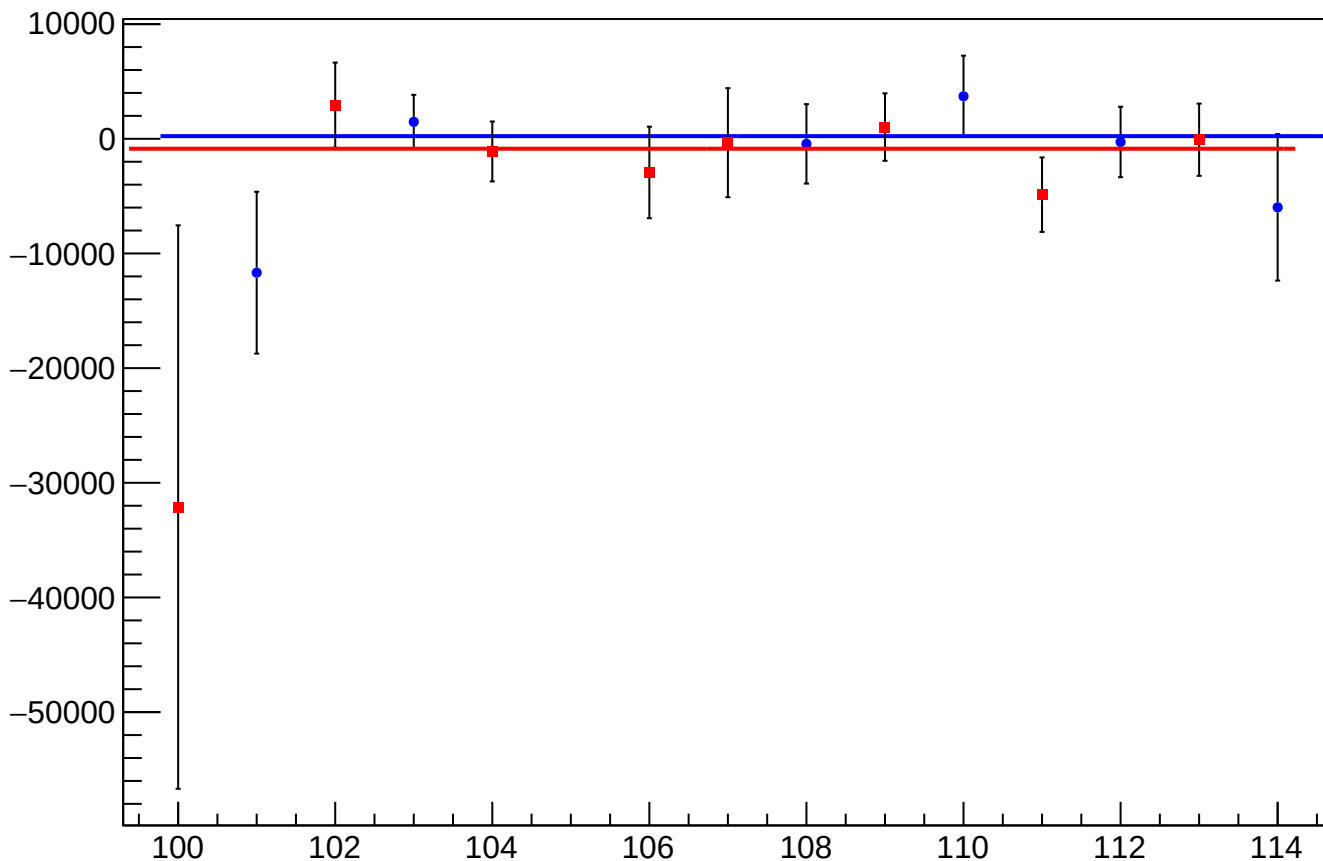
Right: 1285.779+/-0.404 χ^2/NDF : 830982.9/13

In: 1284.736+/-0.592 χ^2/NDF : 430953.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.779+/-0.404 χ^2/NDF : 830982.9/13

cor_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

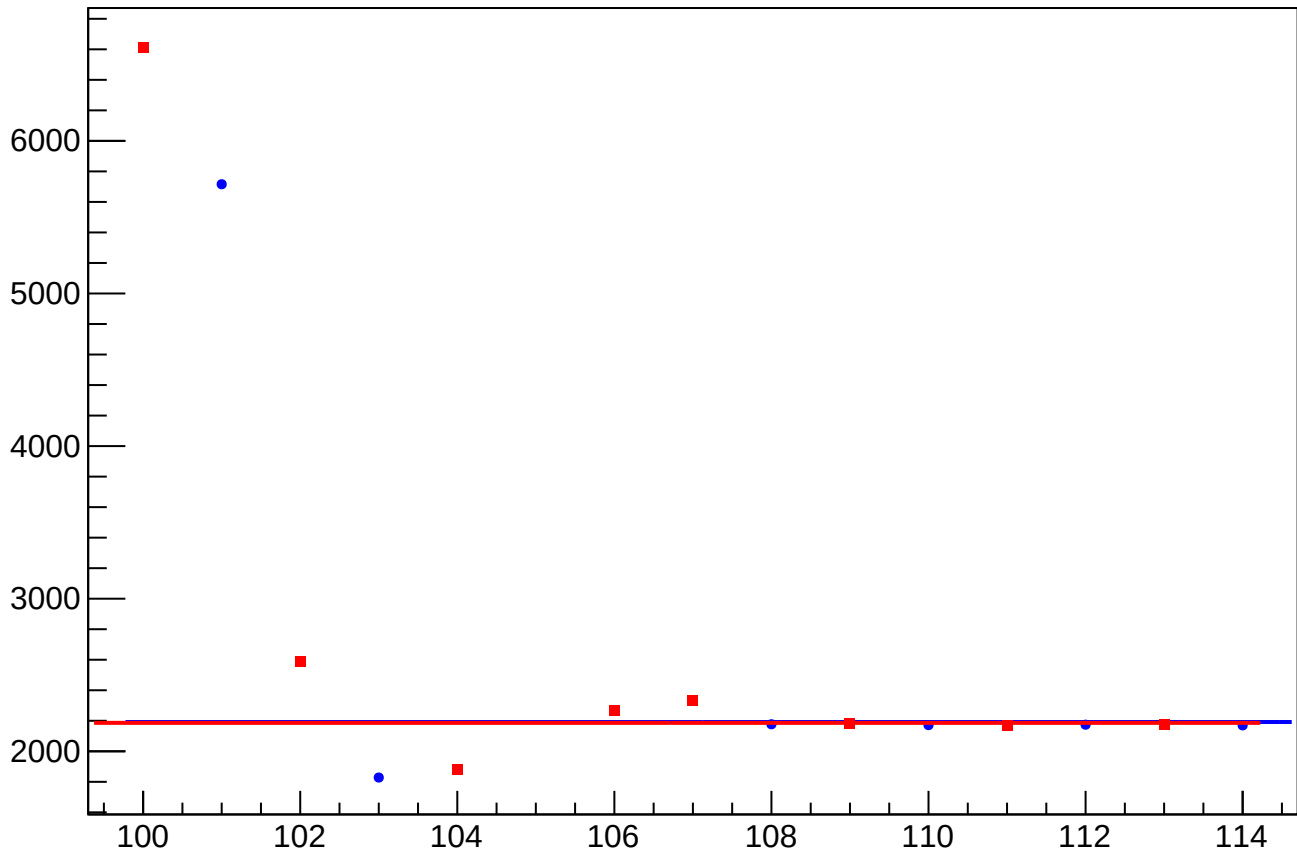
Right: -386.649+/-939.829 χ^2/NDF : 10.4/13

In: 231.281+/-1423.578 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.649+/-939.829 χ^2/NDF : 10.4/13

cor_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

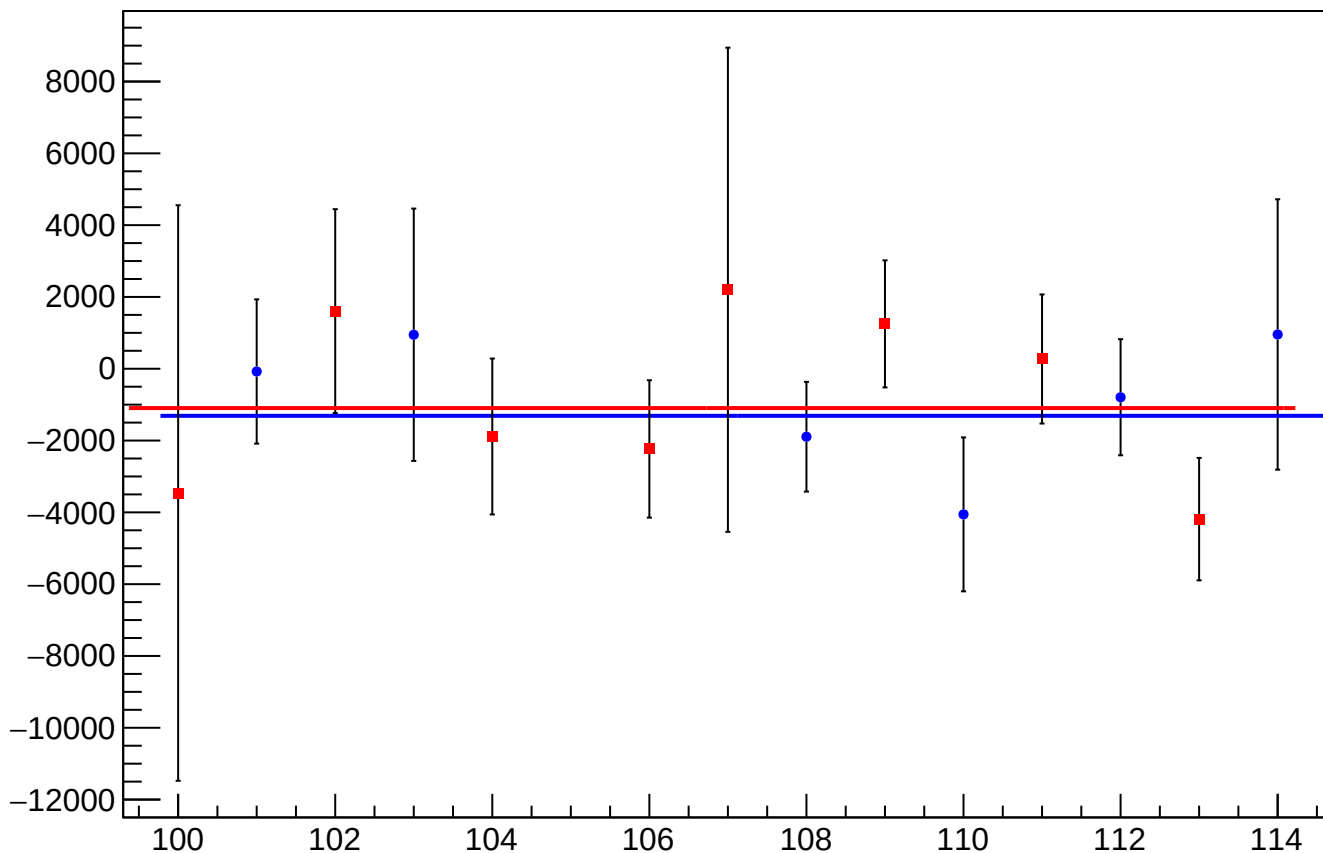
Right: 2188.891+/-0.665 χ^2/NDF : 665574.2/13

In: 2192.069+/-1.007 χ^2/NDF : 546289.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.891+/-0.665 χ^2/NDF : 665574.2/13

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

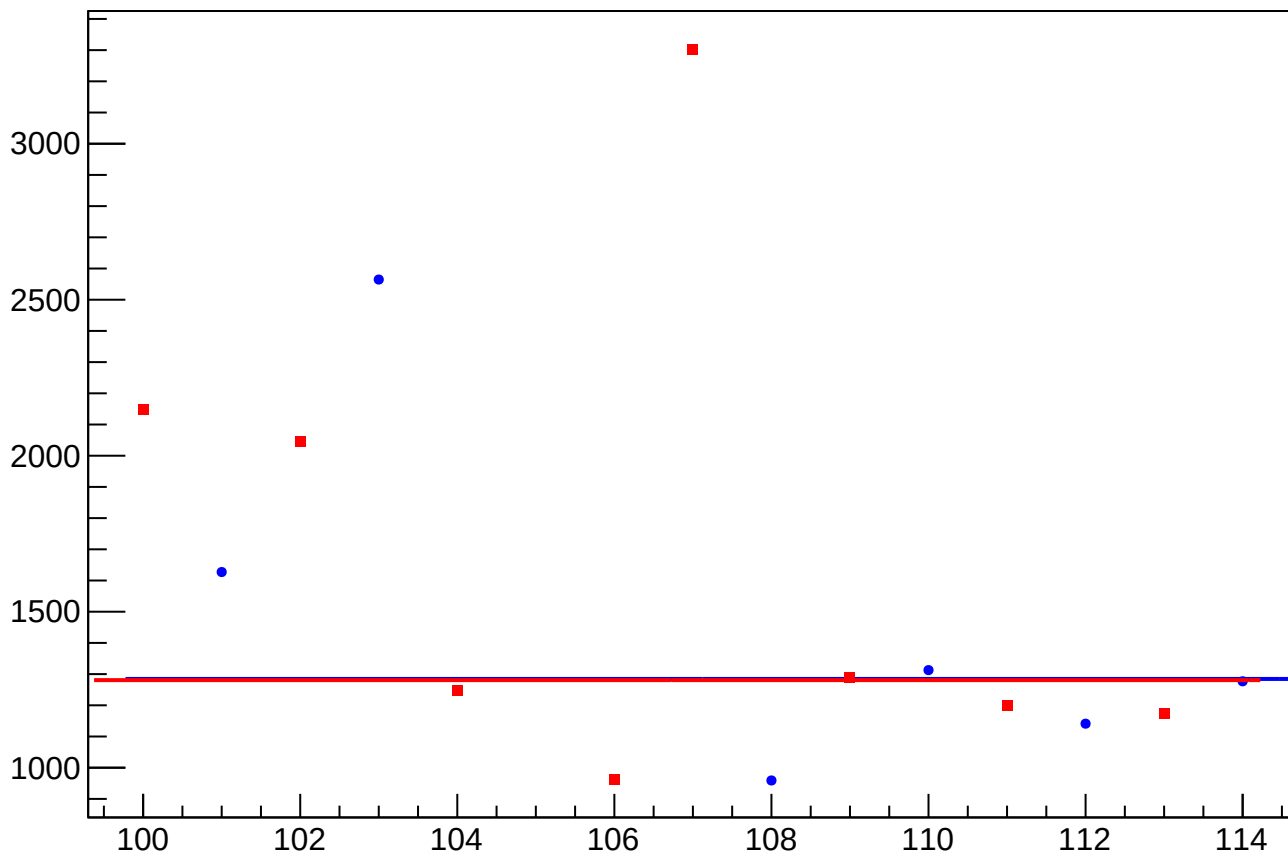
Right: -1196.393+/-572.872 χ^2/NDF : 10.4/13

In: -1311.155+/-836.970 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1196.393+/-572.872 χ^2/NDF : 10.4/13

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1284.487+/-0.592 χ^2/NDF : 430362.0/5

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

Right Out: 1280.708+/-0.556 χ^2/NDF : 417108.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

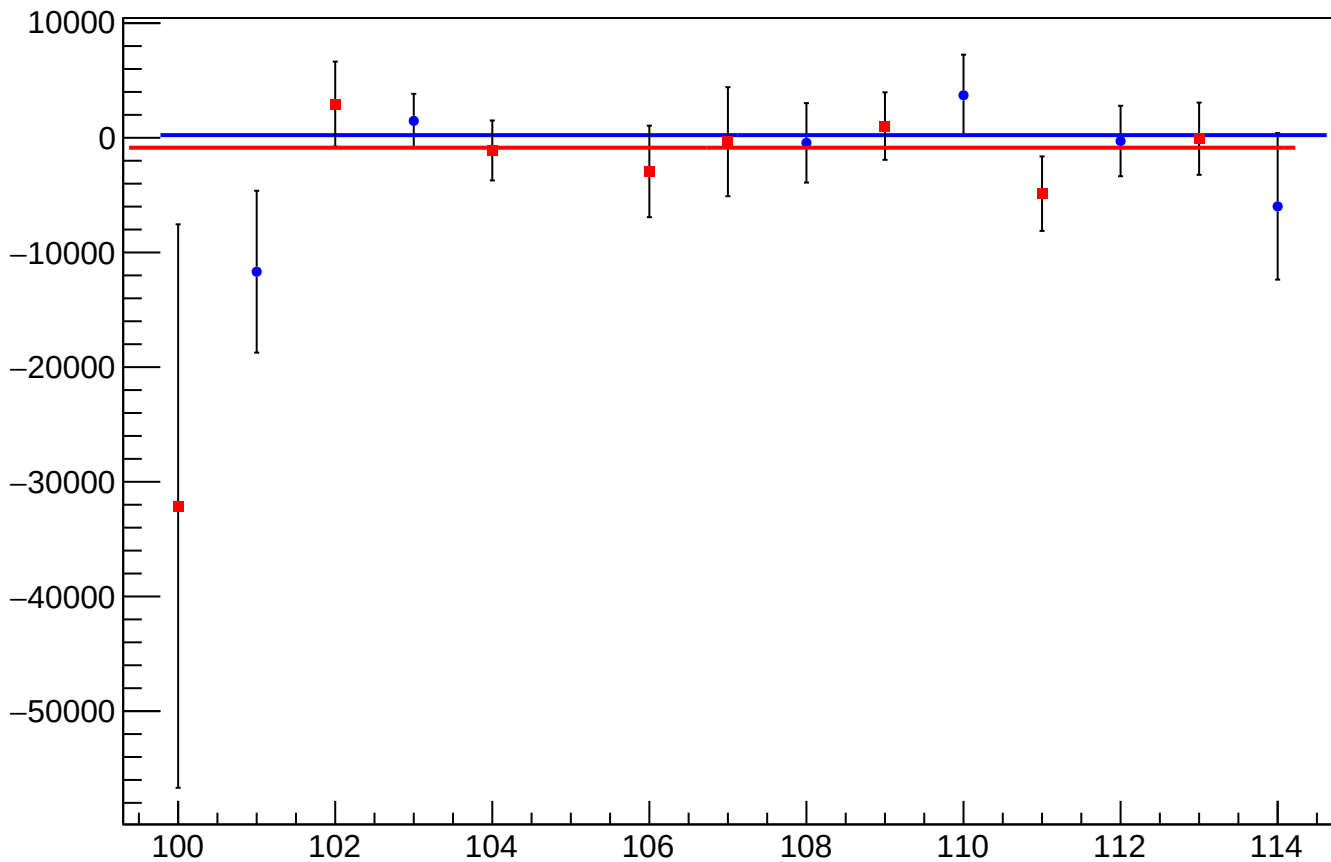
Right: 1282.478+/-0.405 χ^2/NDF : 847492.3/13

In: 1284.487+/-0.592 χ^2/NDF : 430362.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.478+/-0.405 χ^2/NDF : 847492.3/13

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

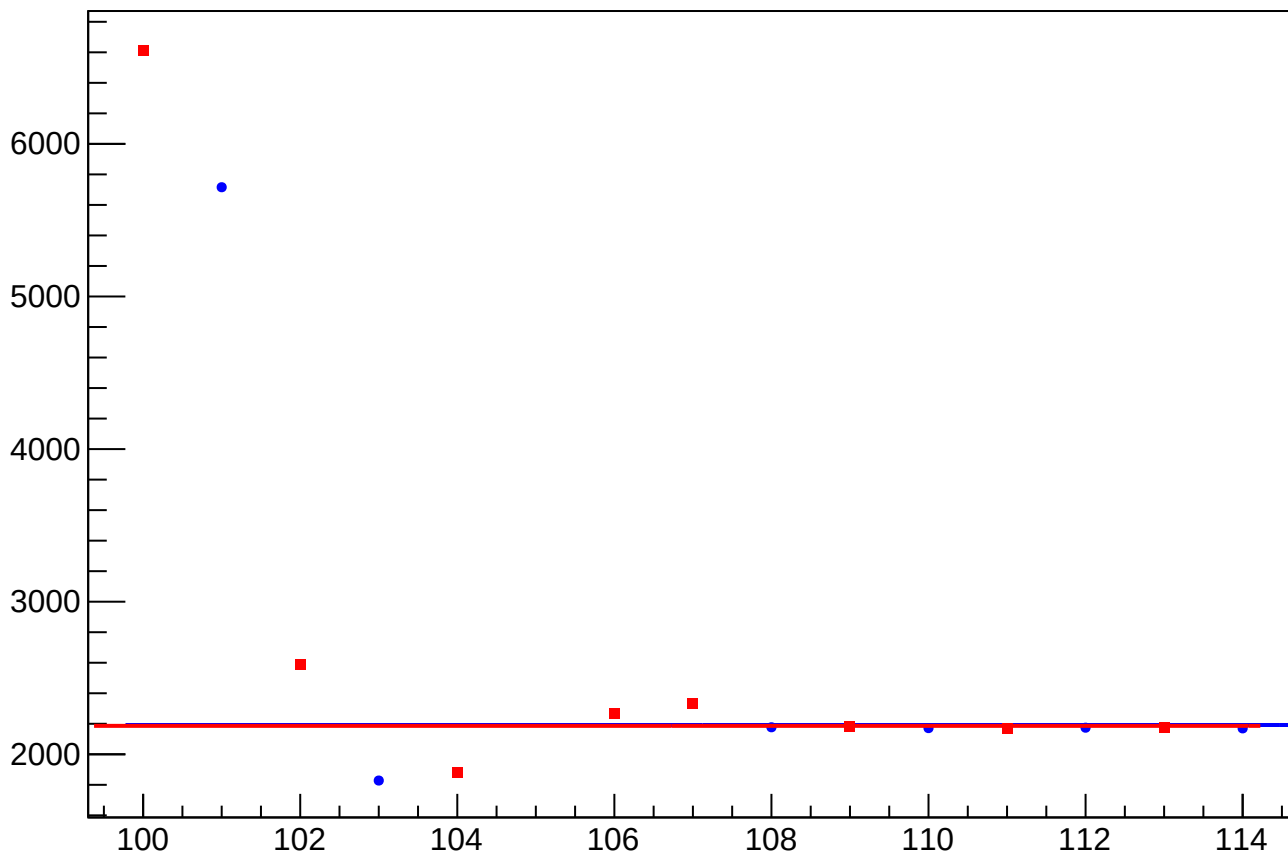
Right: -386.649+/-939.829 χ^2/NDF : 10.4/13

In: 231.281+/-1423.578 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.649+/-939.829 χ^2/NDF : 10.4/13

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

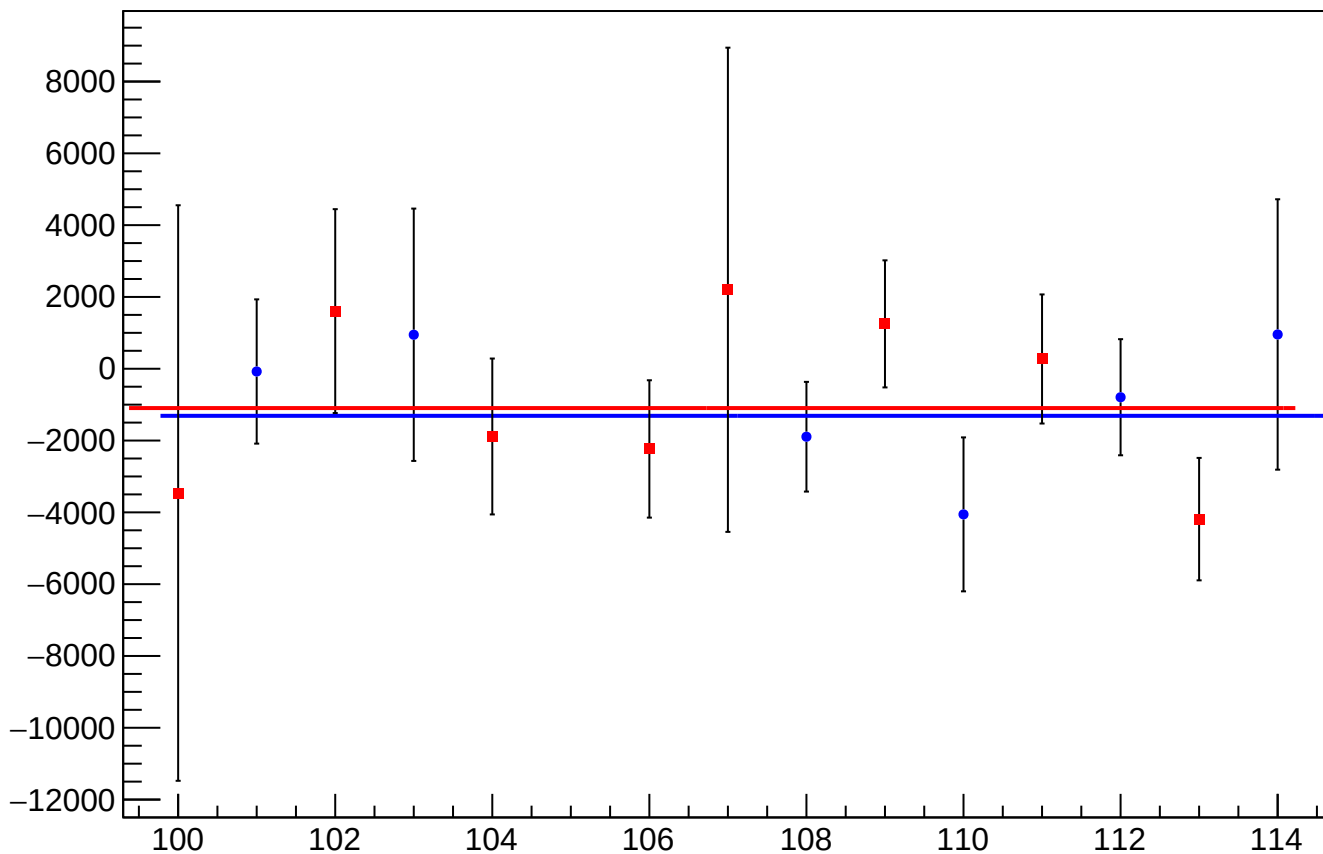
Right: 2188.891+/-0.665 χ^2/NDF : 665574.2/13

In: 2192.069+/-1.007 χ^2/NDF : 546289.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.891+/-0.665 χ^2/NDF : 665574.2/13

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

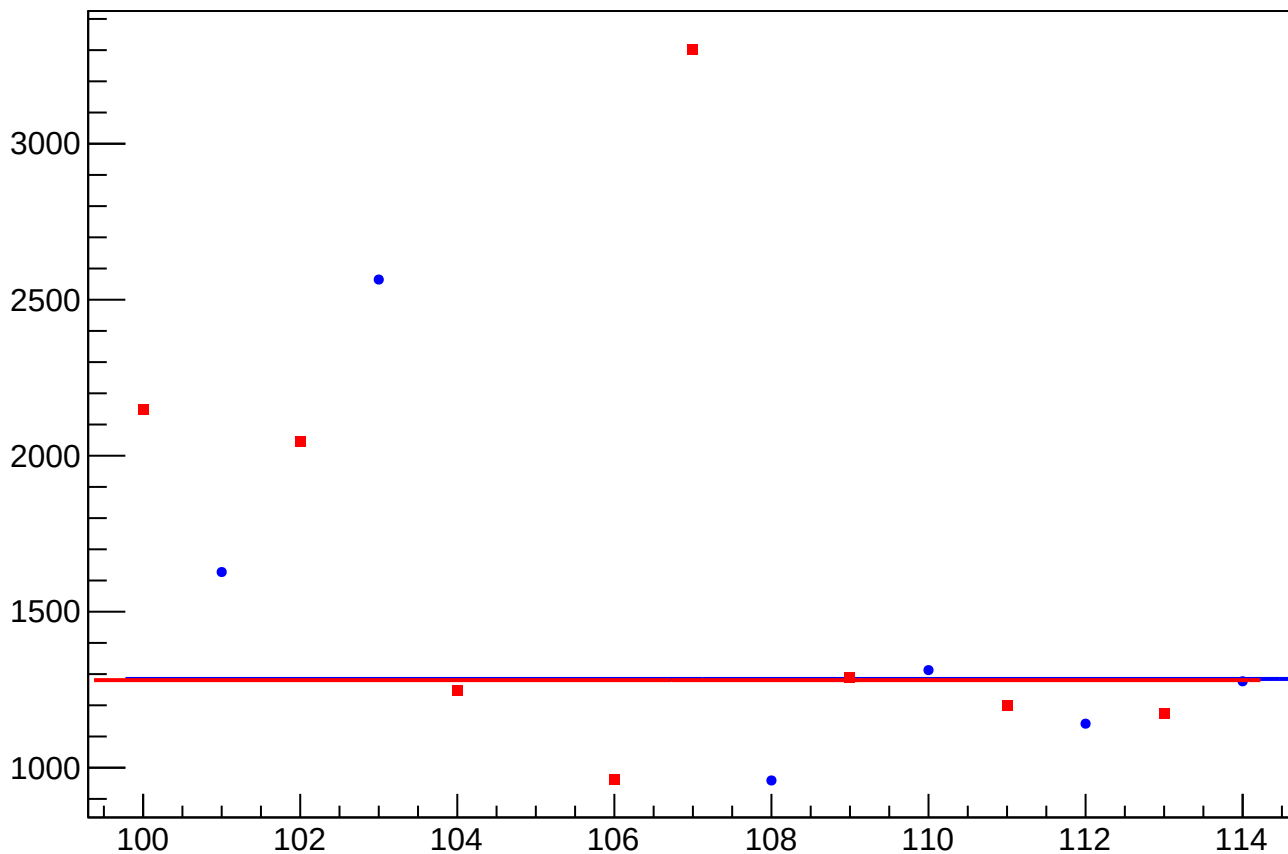
Right: -1196.393+/-572.872 χ^2/NDF : 10.4/13

In: -1311.155+/-836.970 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1196.393+/-572.872 χ^2/NDF : 10.4/13

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1284.487+/-0.592 χ^2/NDF : 430362.0/5

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

Right Out: 1280.708+/-0.556 χ^2/NDF : 417108.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

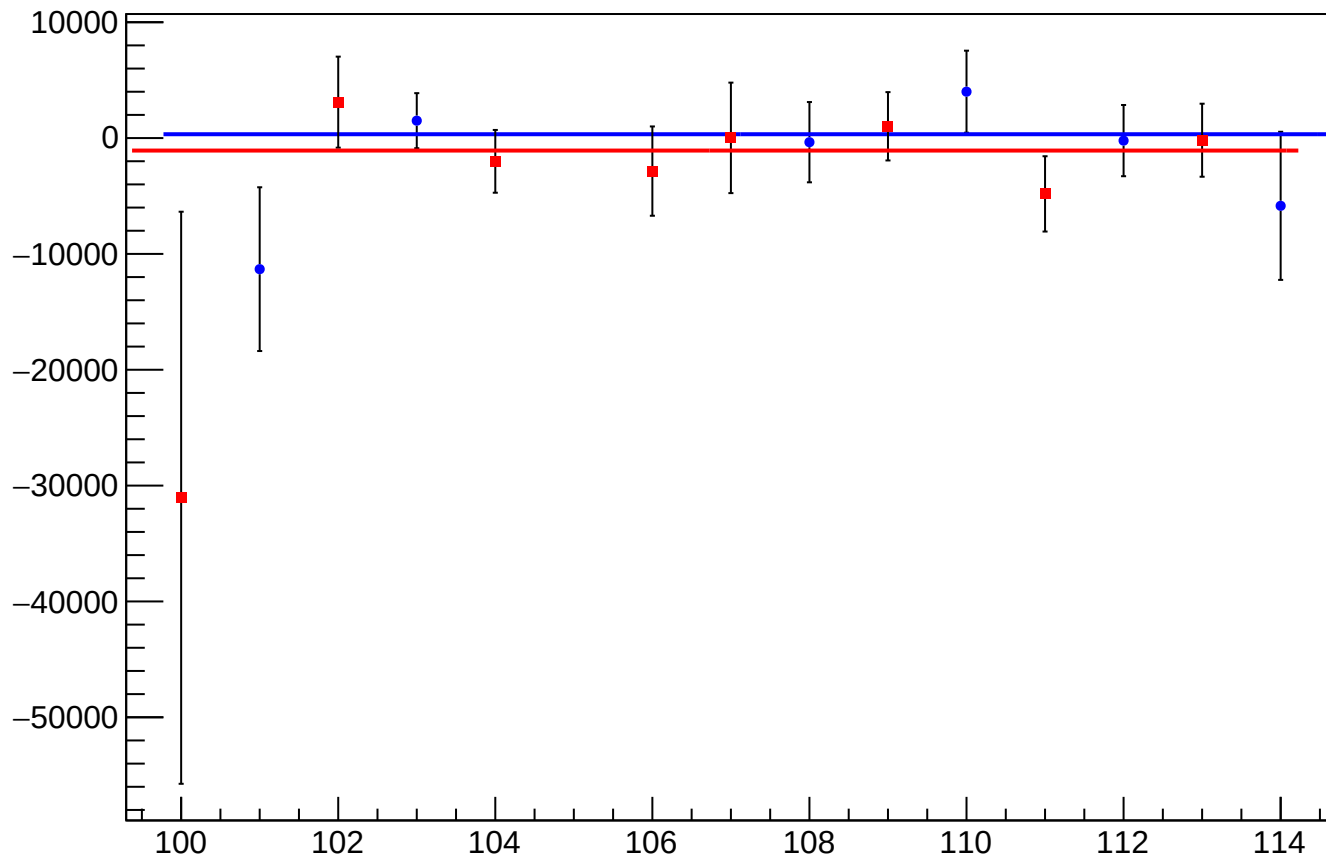
Right: 1282.478+/-0.405 χ^2/NDF : 847492.3/13

In: 1284.487+/-0.592 χ^2/NDF : 430362.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.478+/-0.405 χ^2/NDF : 847492.3/13

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 331.602+/-1428.018 χ^2/NDF : 5.0/5

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

Right Out: -1078.023+/-1265.675 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

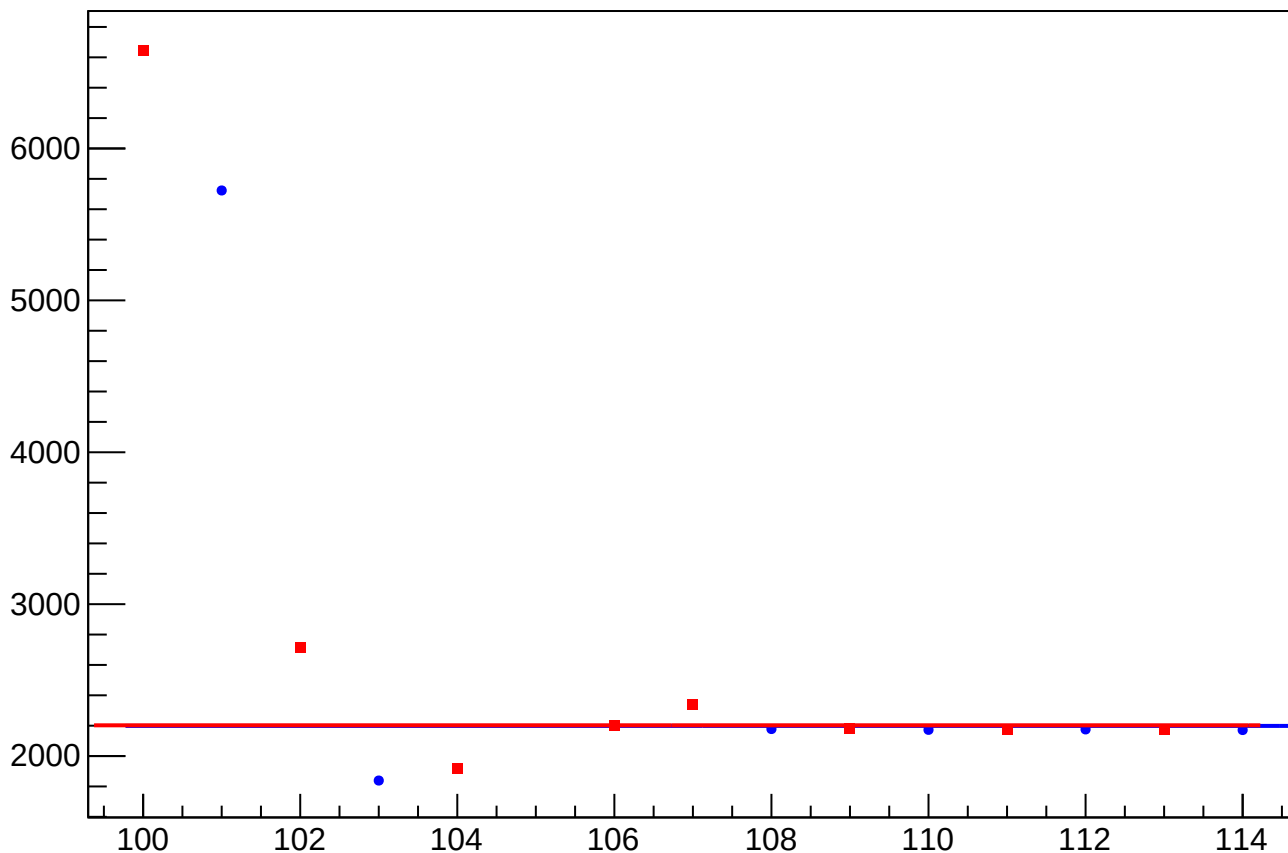
Right: -457.858+/-947.187 χ^2/NDF : 10.5/13

In: 331.602+/-1428.018 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.858+/-947.187 χ^2/NDF : 10.5/13

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

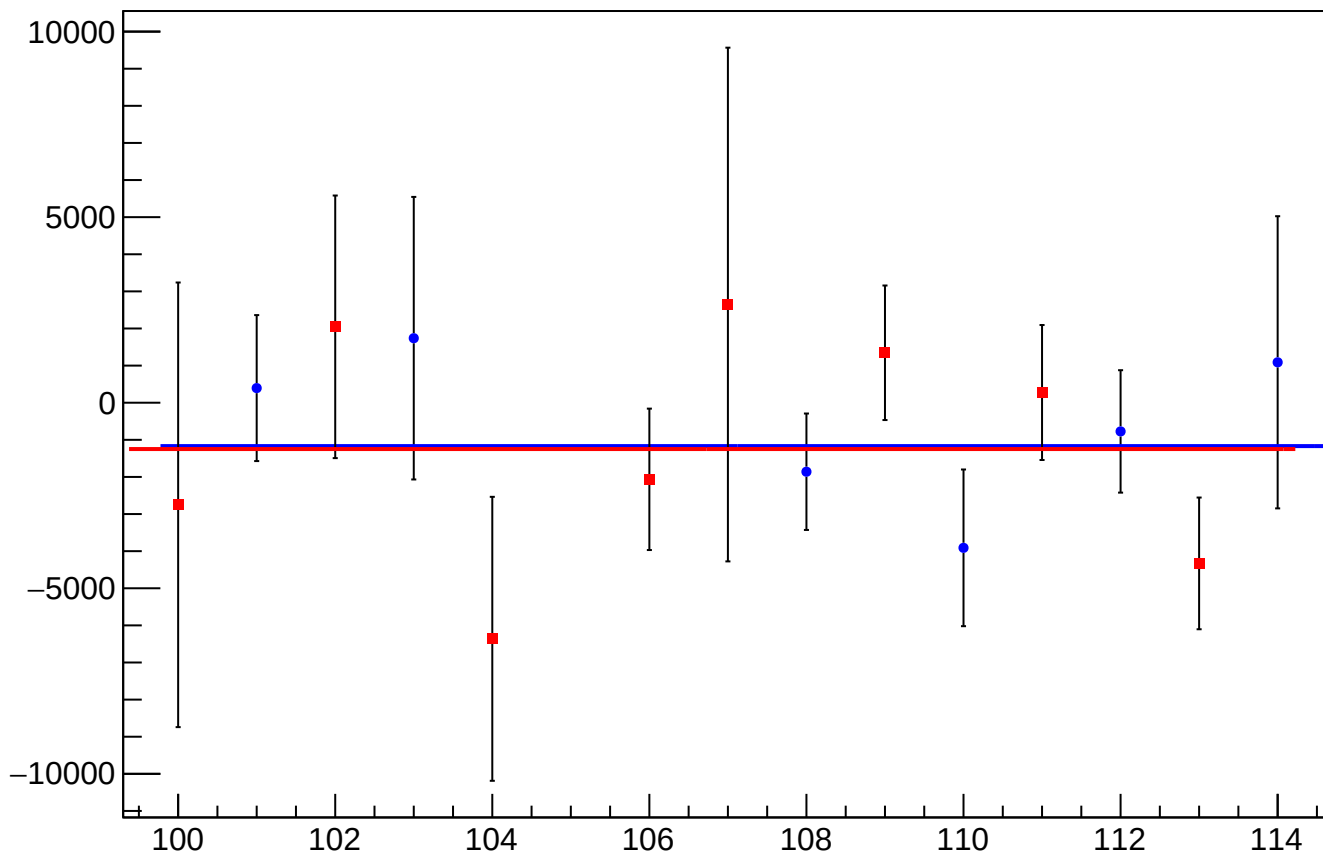
Right: 2200.749+/-0.670 χ^2/NDF : 665828.8/13

In: 2198.561+/-1.010 χ^2/NDF : 543575.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2200.749+/-0.670 χ^2/NDF : 665828.8/13

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

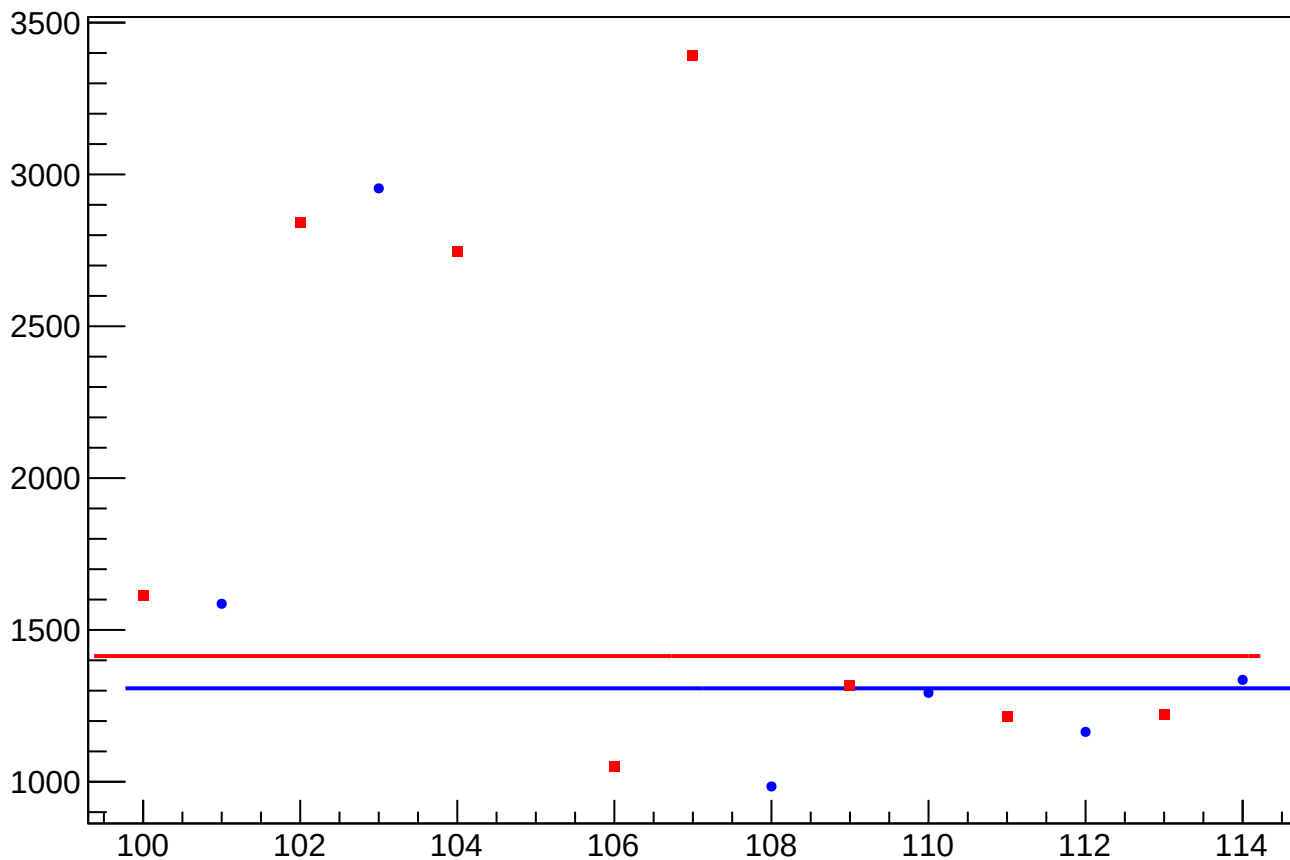
Right: -1208.772+/-598.977 χ^2/NDF : 12.5/13

In: -1168.964+/-848.057 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1208.772+/-598.977 χ^2/NDF : 12.5/13

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1307.738+/-0.600 χ^2/NDF : 514365.3/5

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

Right Out: 1413.918+/-0.598 χ^2/NDF : 861125.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

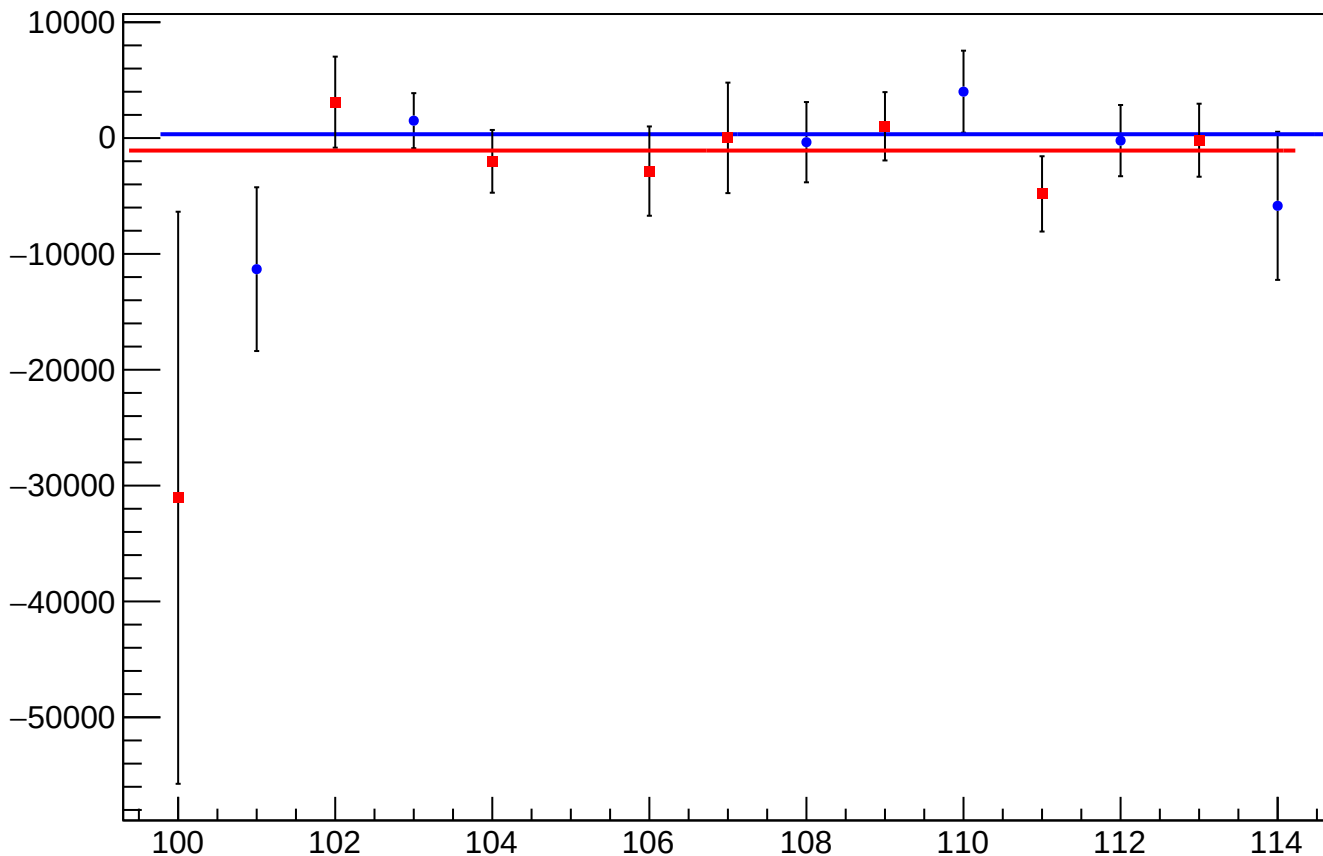
Right: 1360.950+/-0.424 χ^2/NDF : 1391202.3/13

In: 1307.738+/-0.600 χ^2/NDF : 514365.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.950+/-0.424 χ^2/NDF : 1391202.3/13

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 331.600+/-1428.018 χ^2/NDF : 5.0/5

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

Right Out: -1078.025+/-1265.675 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

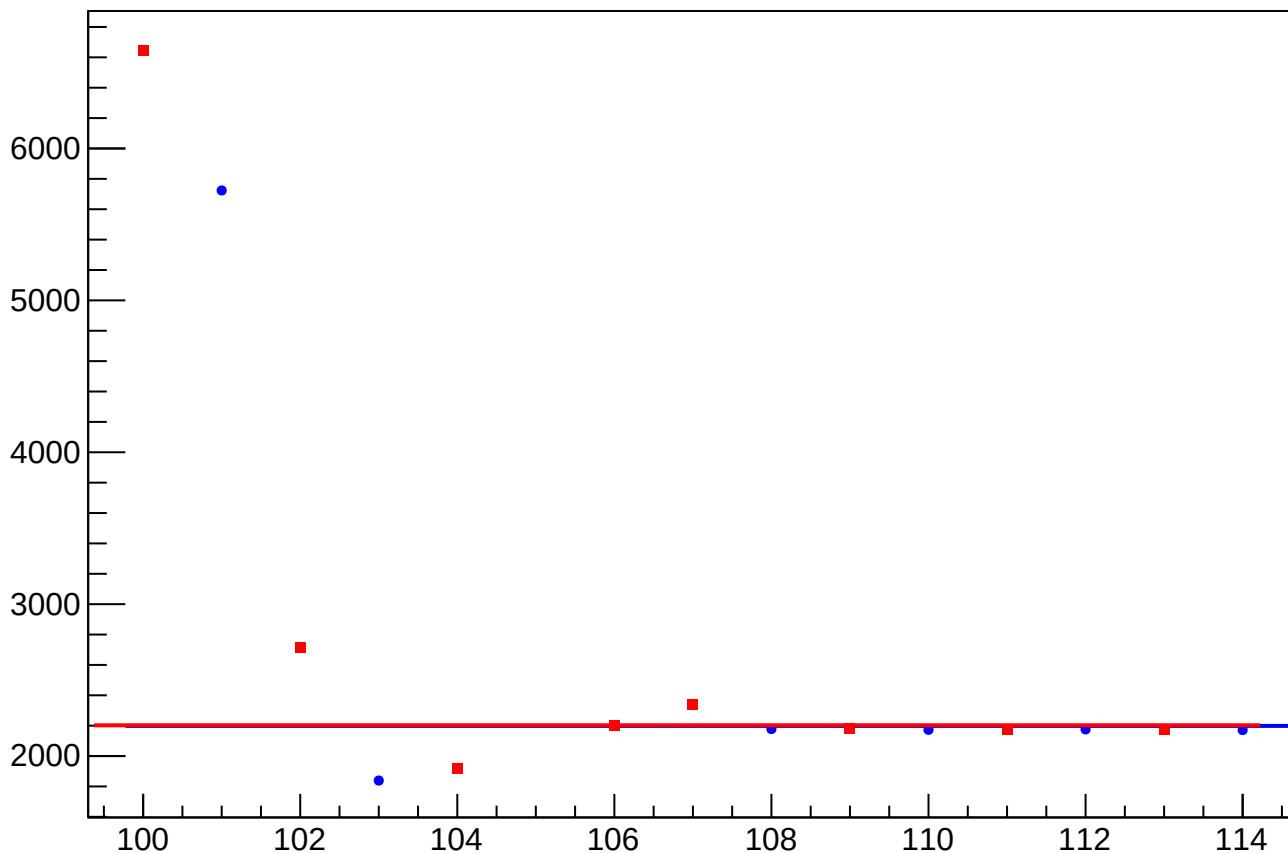
Right: -457.860+/-947.187 χ^2/NDF : 10.5/13

In: 331.600+/-1428.018 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.860+/-947.187 χ^2/NDF : 10.5/13

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2198.561+/-1.010 χ^2/NDF : 543575.3/5

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

Right Out: 2202.467+/-0.895 χ^2/NDF : 122245.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

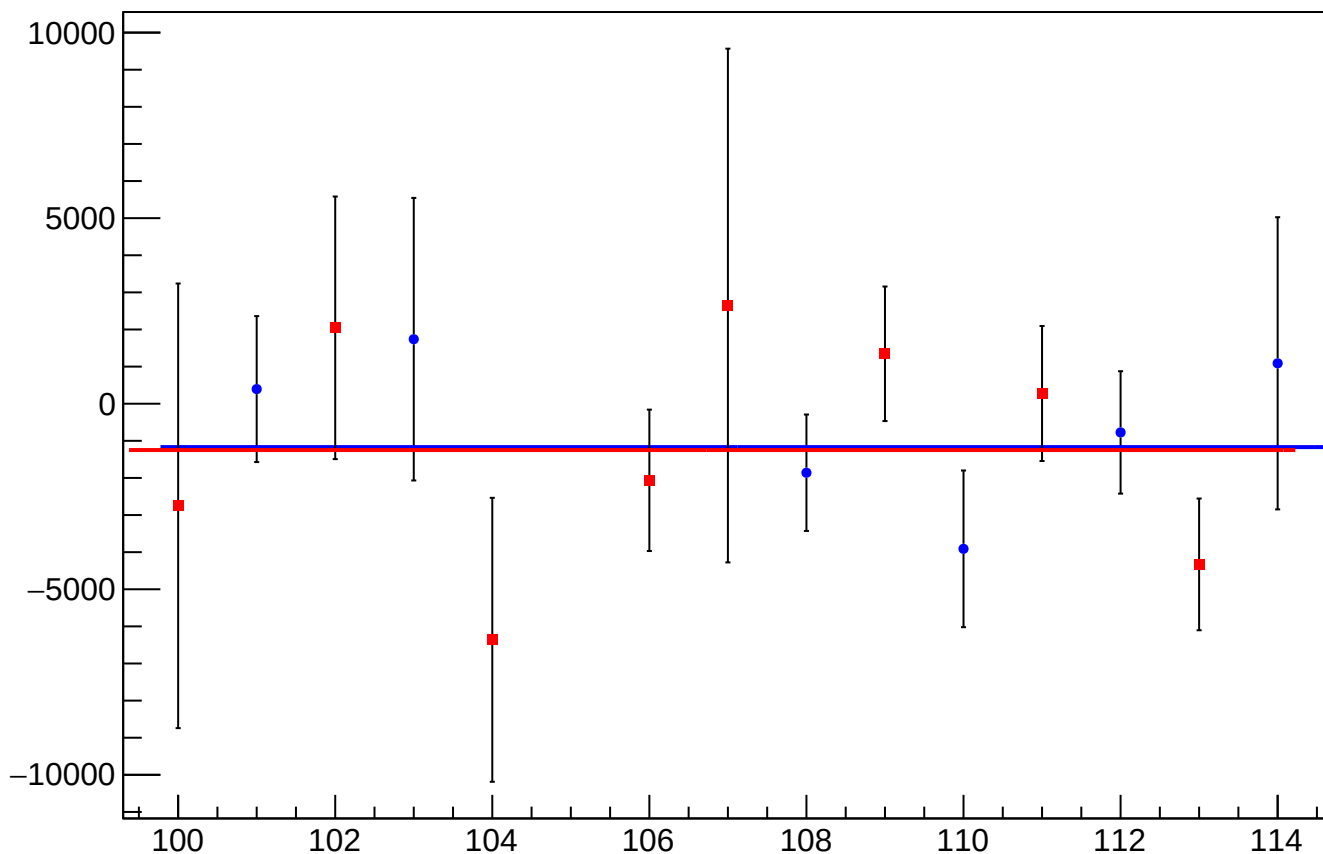
Right: 2200.748+/-0.670 χ^2/NDF : 665828.9/13

In: 2198.561+/-1.010 χ^2/NDF : 543575.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2200.748+/-0.670 χ^2/NDF : 665828.9/13

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1168.966+/-848.057 χ^2/NDF : 3.5/5

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

Right Out: -1248.393+/-846.108 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

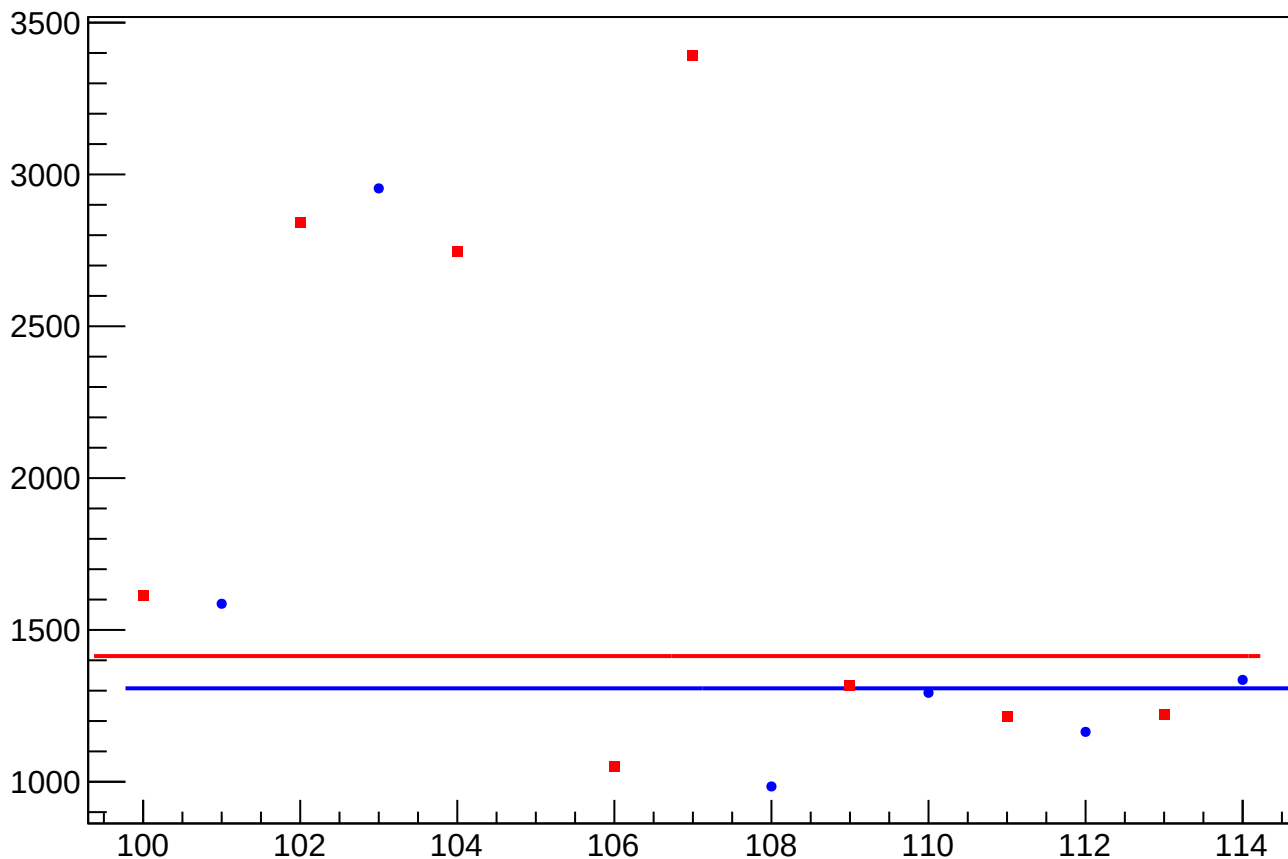
Right: -1208.771+/-598.976 χ^2/NDF : 12.5/13

In: -1168.966+/-848.057 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1208.771+/-598.976 χ^2/NDF : 12.5/13

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

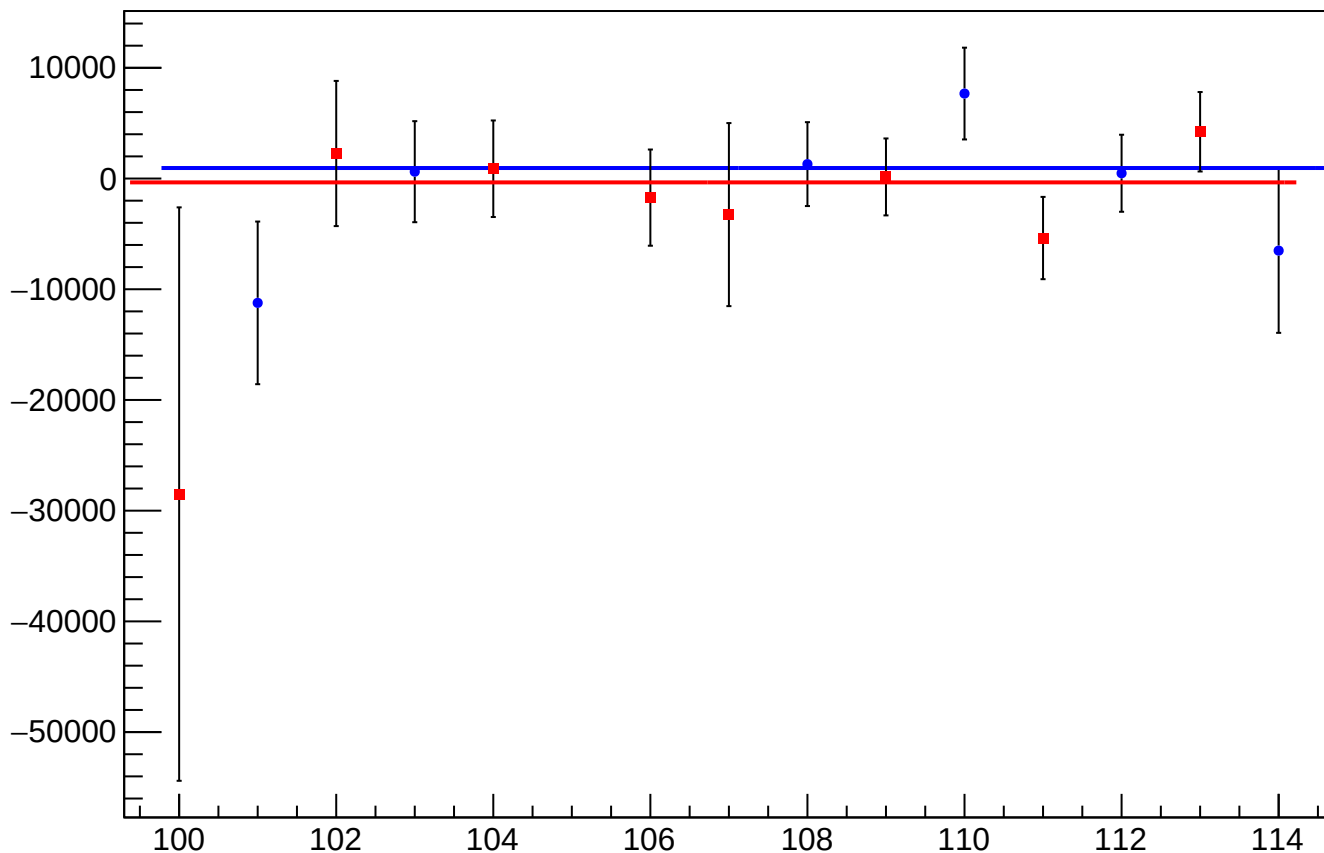
Right: 1360.949+/-0.424 χ^2/NDF : 1391207.7/13

In: 1307.737+/-0.600 χ^2/NDF : 514368.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.949+/-0.424 χ^2/NDF : 1391207.7/13

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 950.020+/-1840.567 χ^2/NDF : 6.4/5

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

Right Out: -347.922+/-1626.886 χ^2/NDF : 5.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

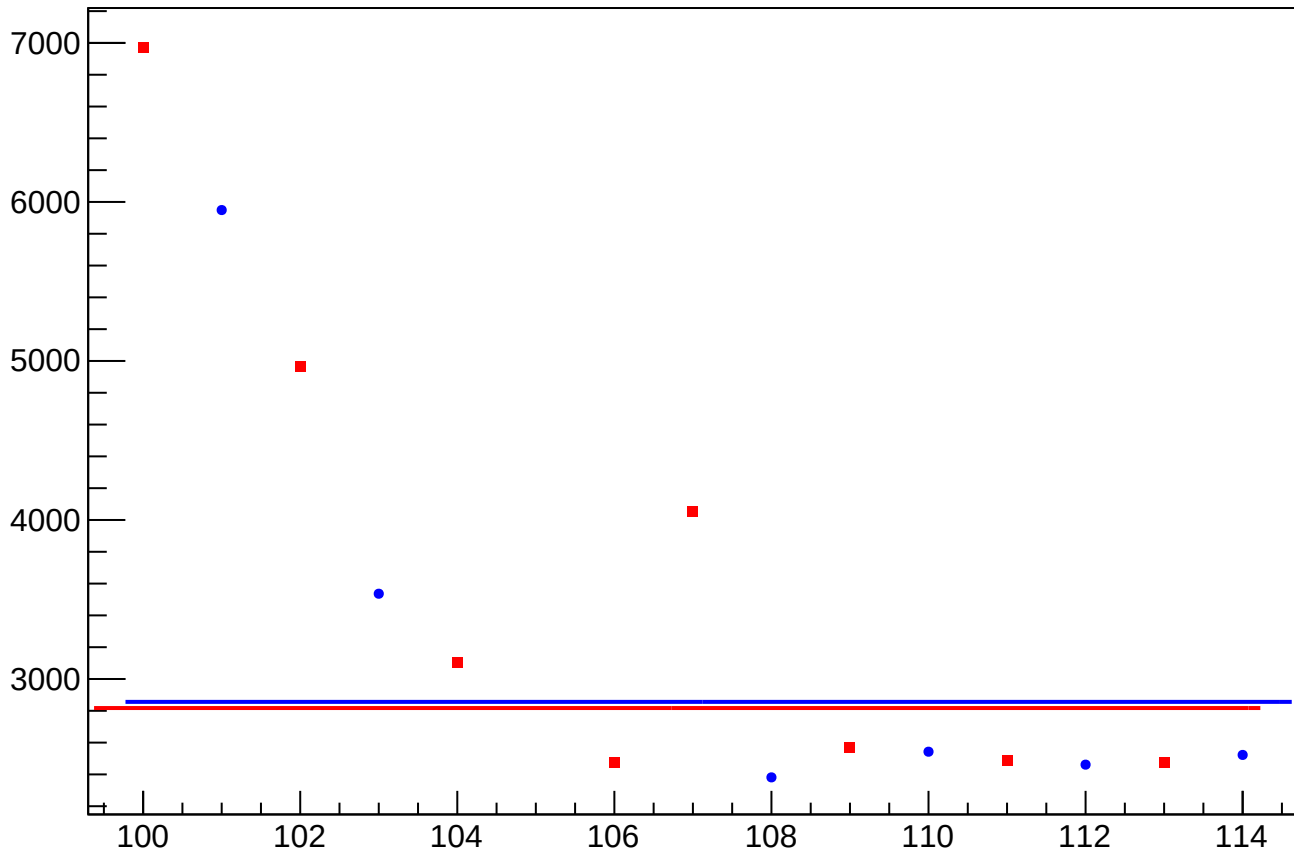
Right: 221.366+/-1218.962 χ^2/NDF : 11.8/13

In: 950.020+/-1840.567 χ^2/NDF : 6.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.366+/-1218.962 χ^2/NDF : 11.8/13

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

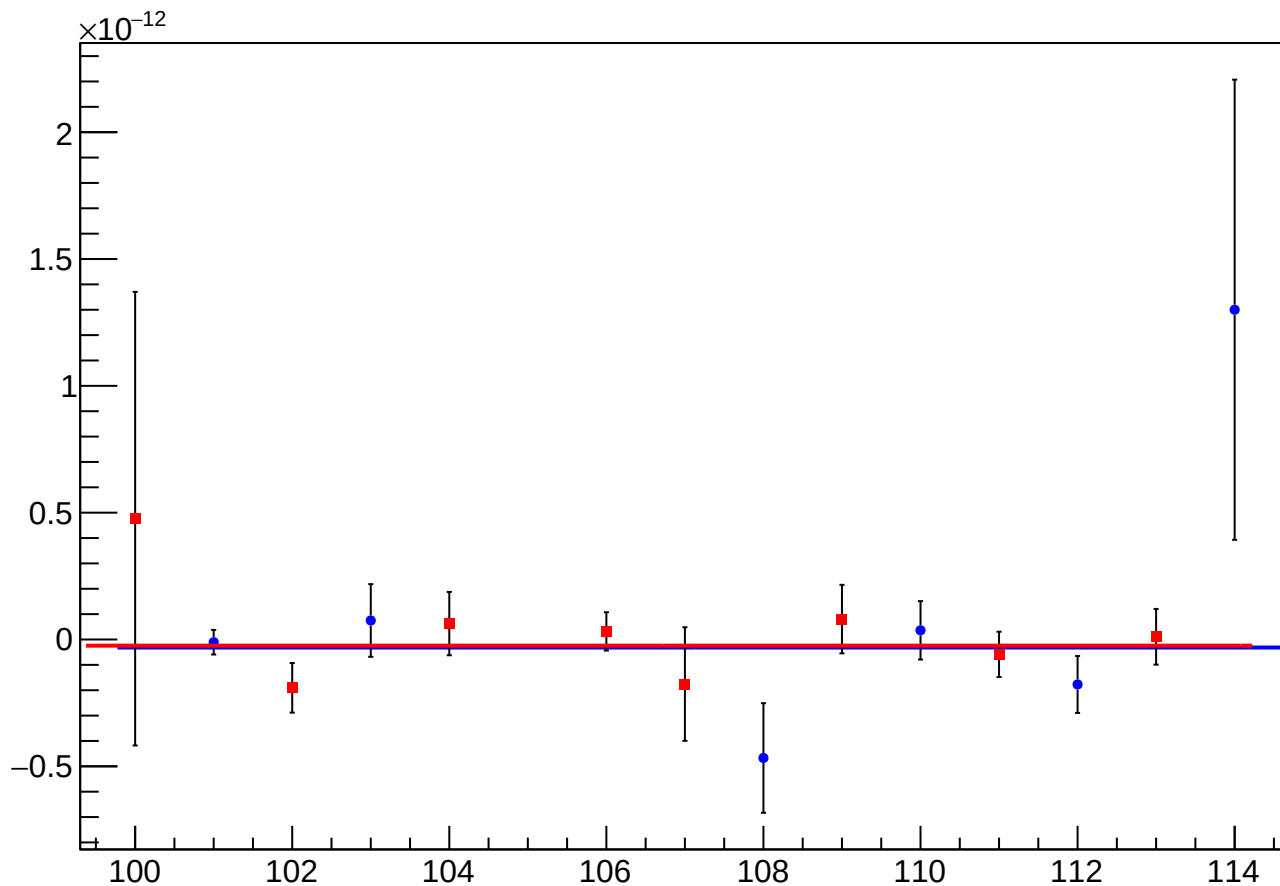
Right: 2834.372+/-0.862 χ^2/NDF : 848955.3/13

In: 2856.137+/-1.301 χ^2/NDF : 471634.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2834.372+/-0.862 χ^2/NDF : 848955.3/13

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

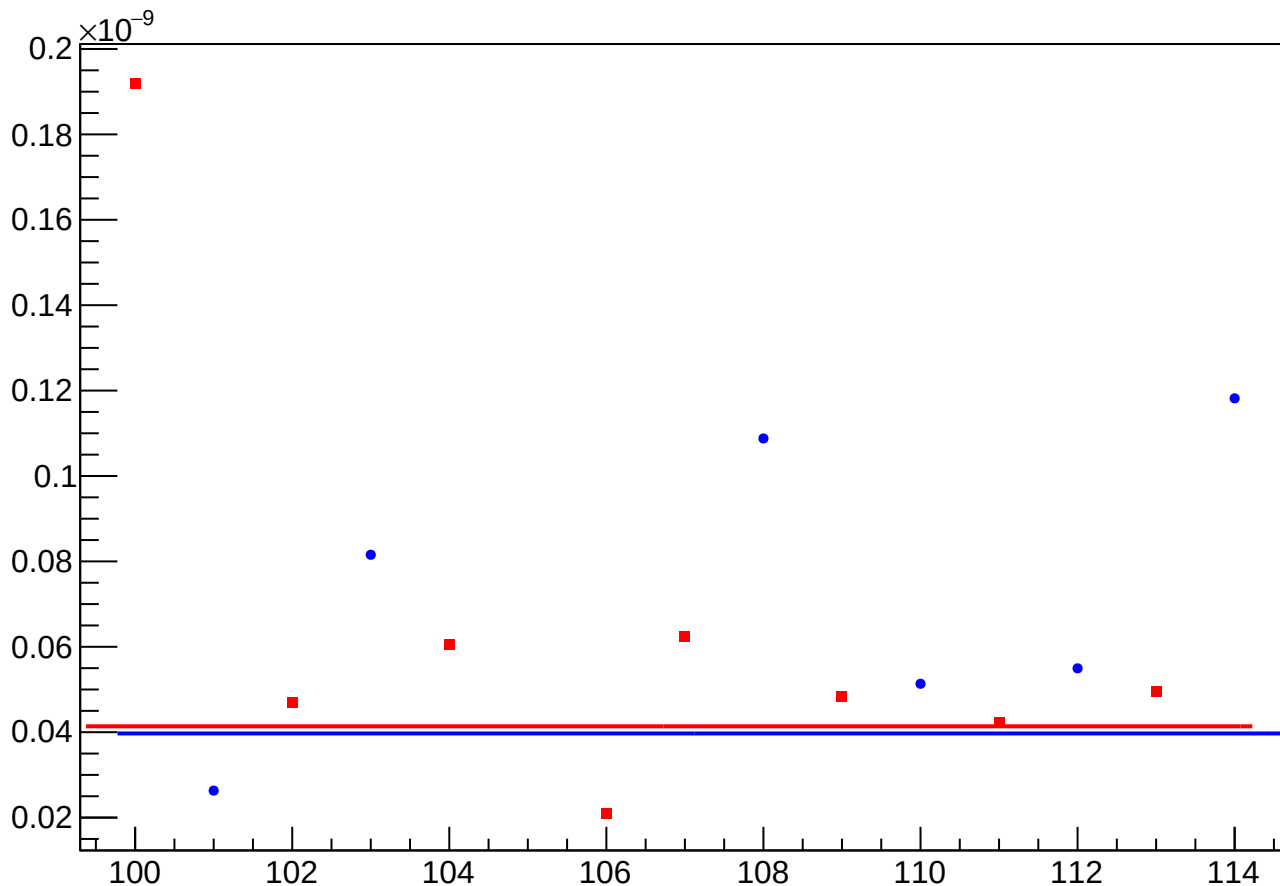
Right: -0.000+/-0.000 χ^2/NDF : 14.6/13

In: -0.000+/-0.000 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.6/13

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

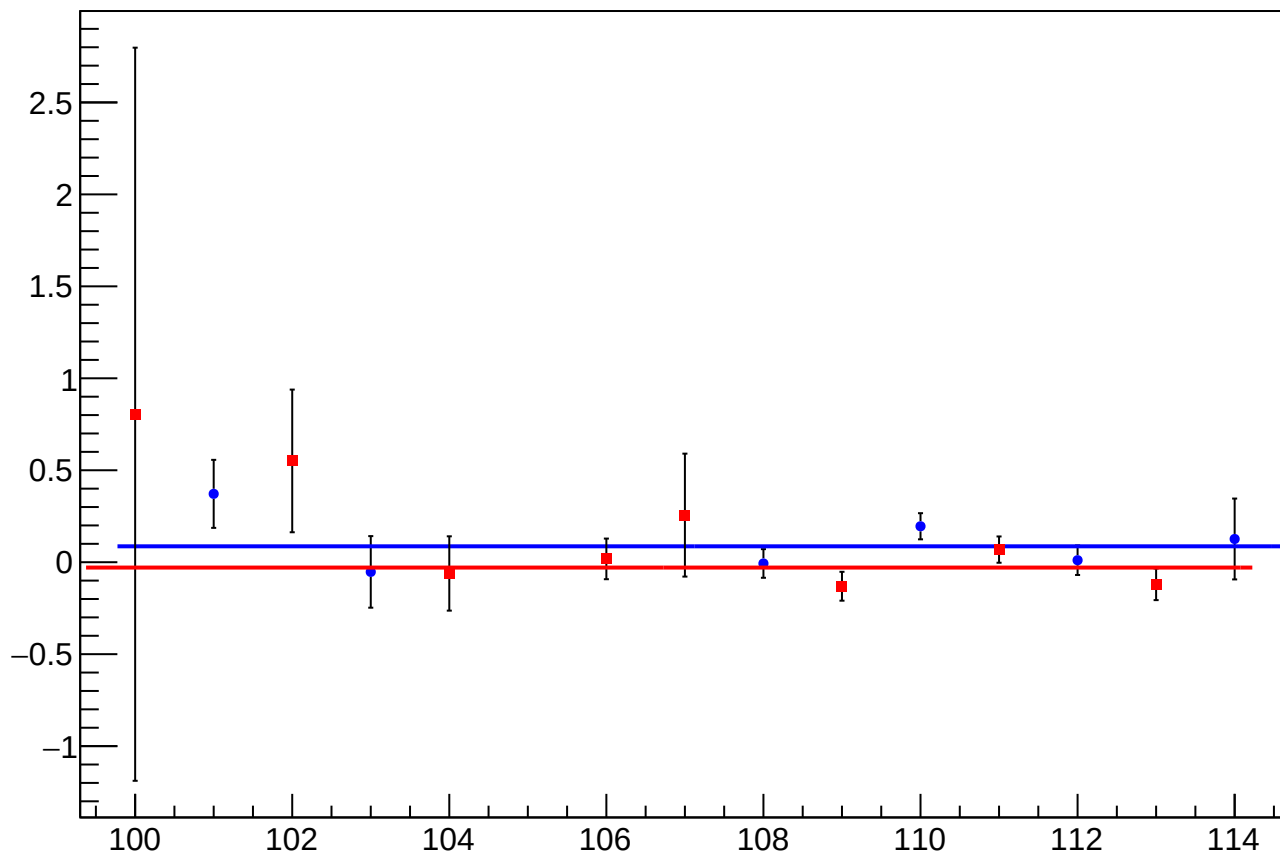
Right: 0.000+/-0.000 χ^2/NDF : 893251.0/13

In: 0.000+/-0.000 χ^2/NDF : 600156.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 893251.0/13

asym_at1_dd_dit_vs_Slug, Sign Corrected



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

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

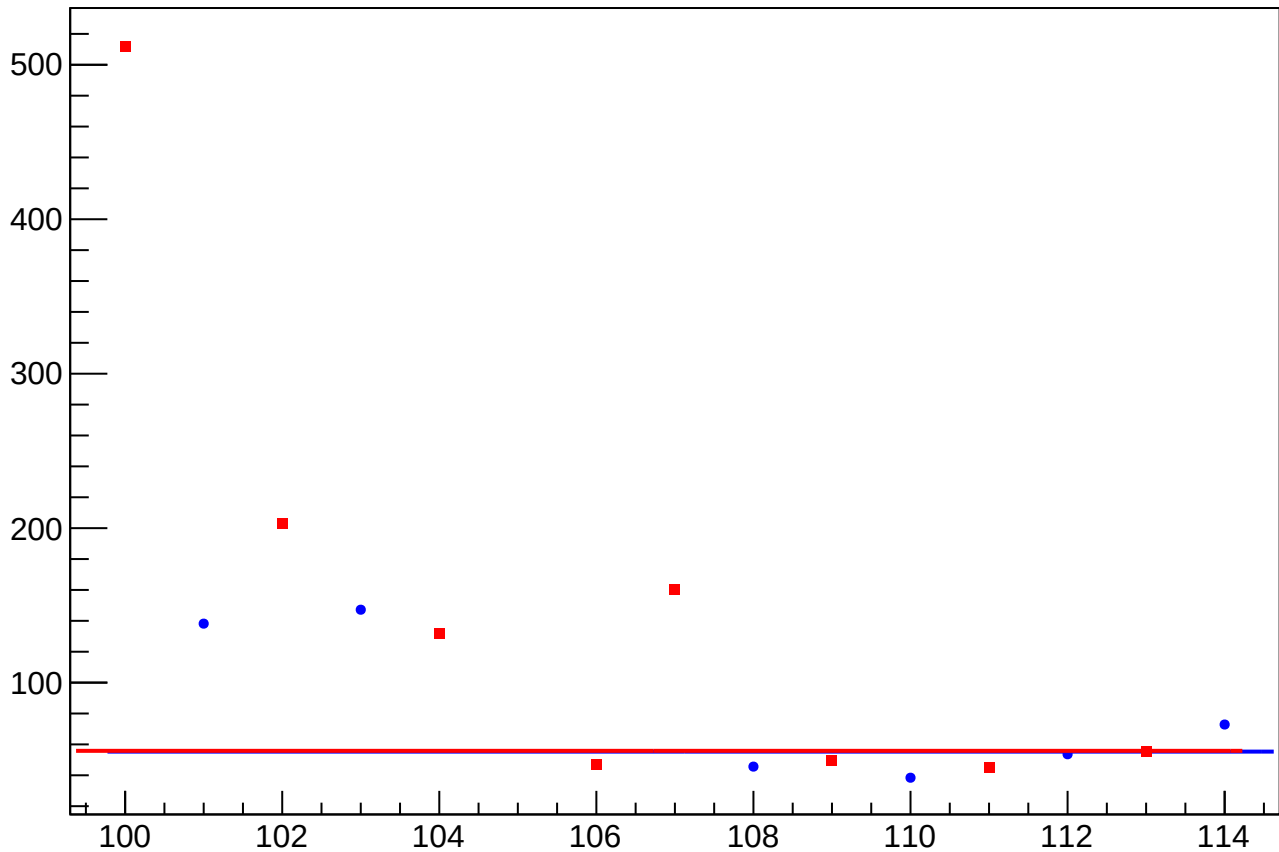
Right: 0.028 $\pm$ 0.029 χ^2 /NDF: 19.6/13

In: 0.086 $\pm$ 0.041 χ^2 /NDF:7.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.029 χ^2 /NDF: 19.6/13

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

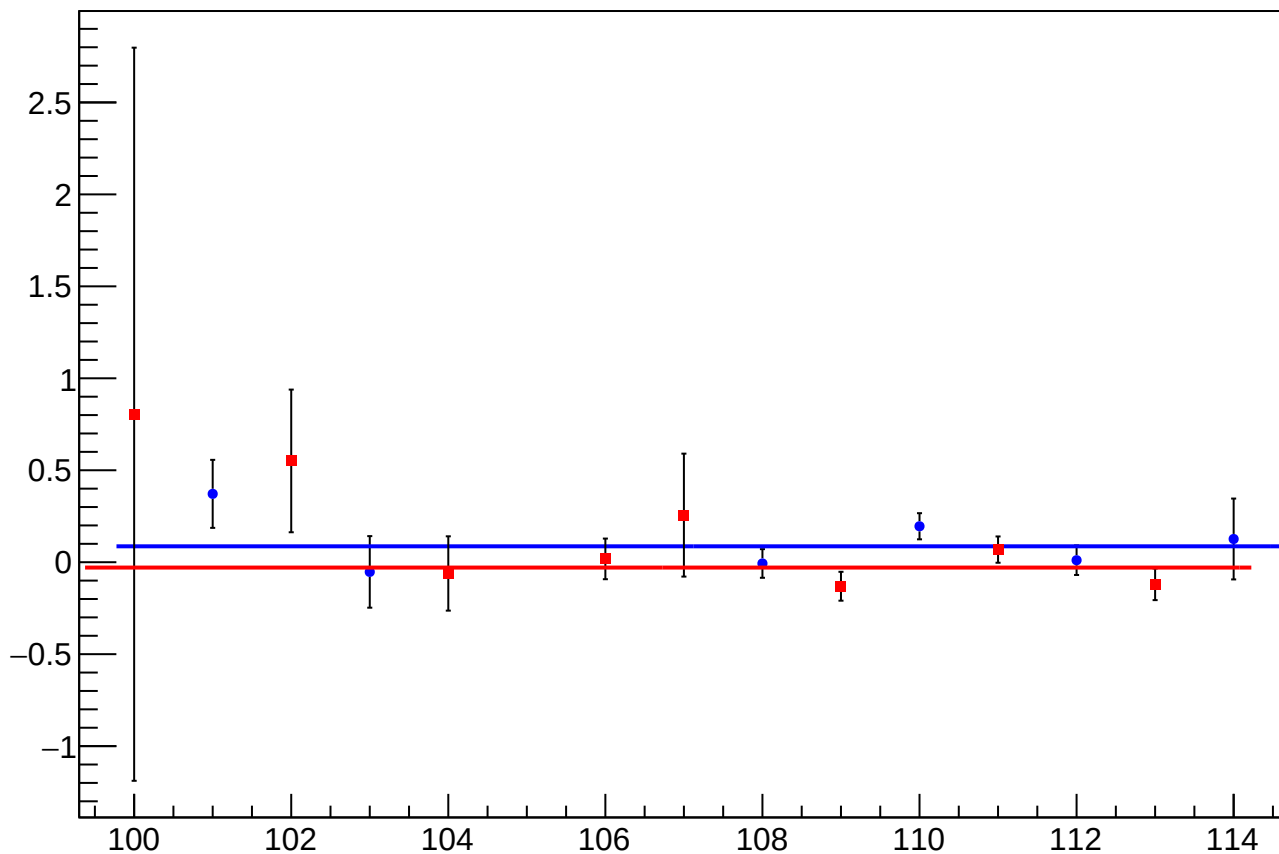
Right: 55.586+/-0.020 χ^2/NDF : 1949009.1/13

In: 55.333+/-0.029 χ^2/NDF : 1005024.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1949009.1/13

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

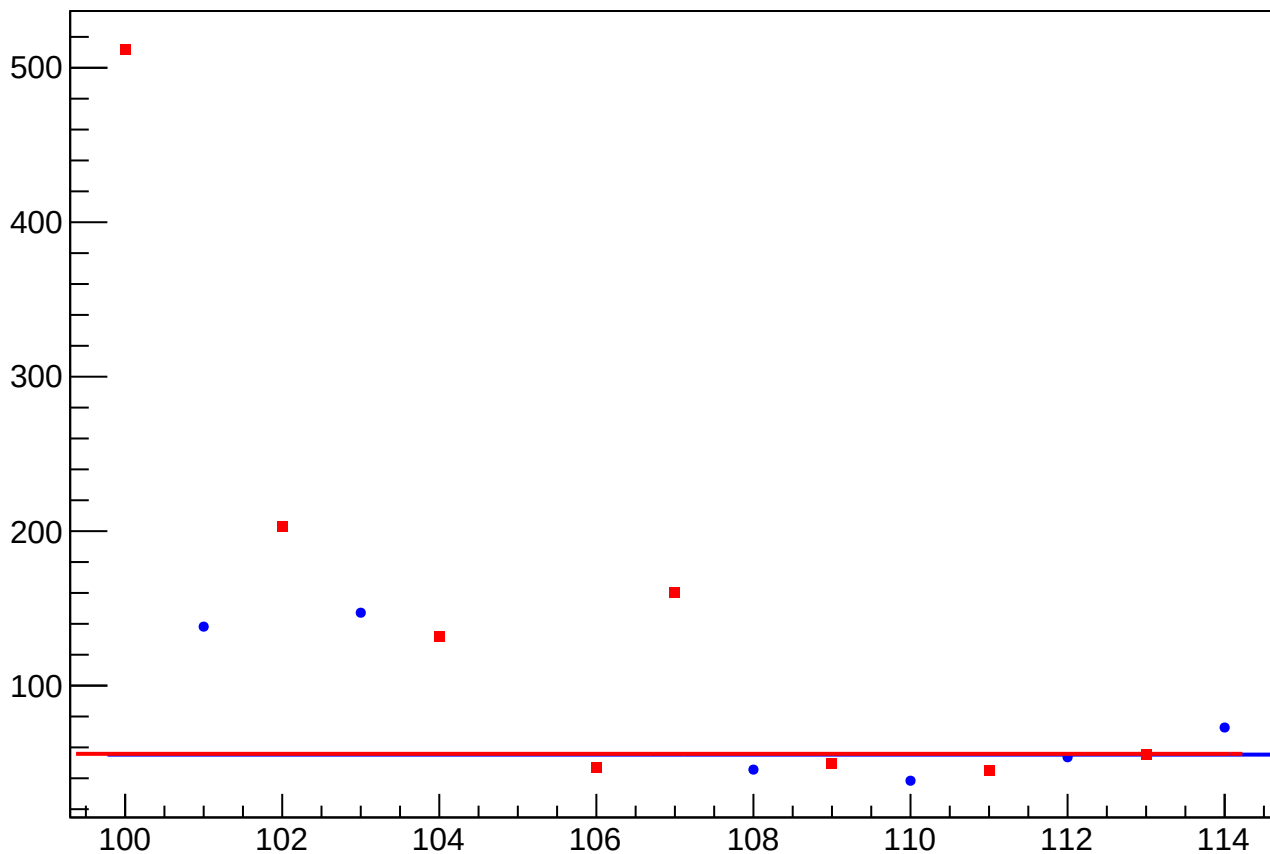
Right: 0.028 $\pm$ 0.029 χ^2 /NDF: 19.6/13

In: 0.086 $\pm$ 0.041 χ^2 /NDF:7.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.029 χ^2 /NDF: 19.6/13

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

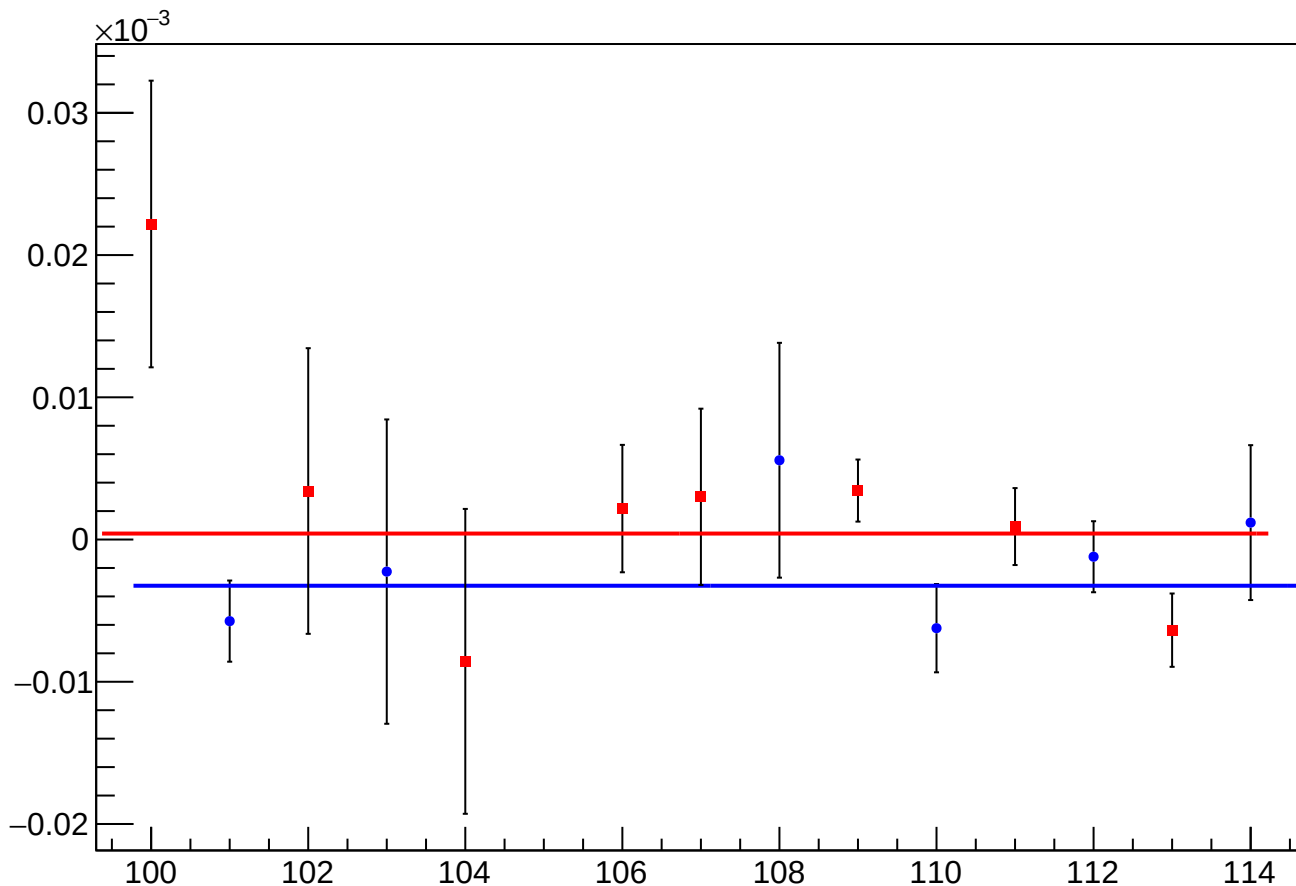
Right: 55.586+/-0.020 χ^2/NDF : 1949009.1/13

In: 55.333+/-0.029 χ^2/NDF : 1005024.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1949009.1/13

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

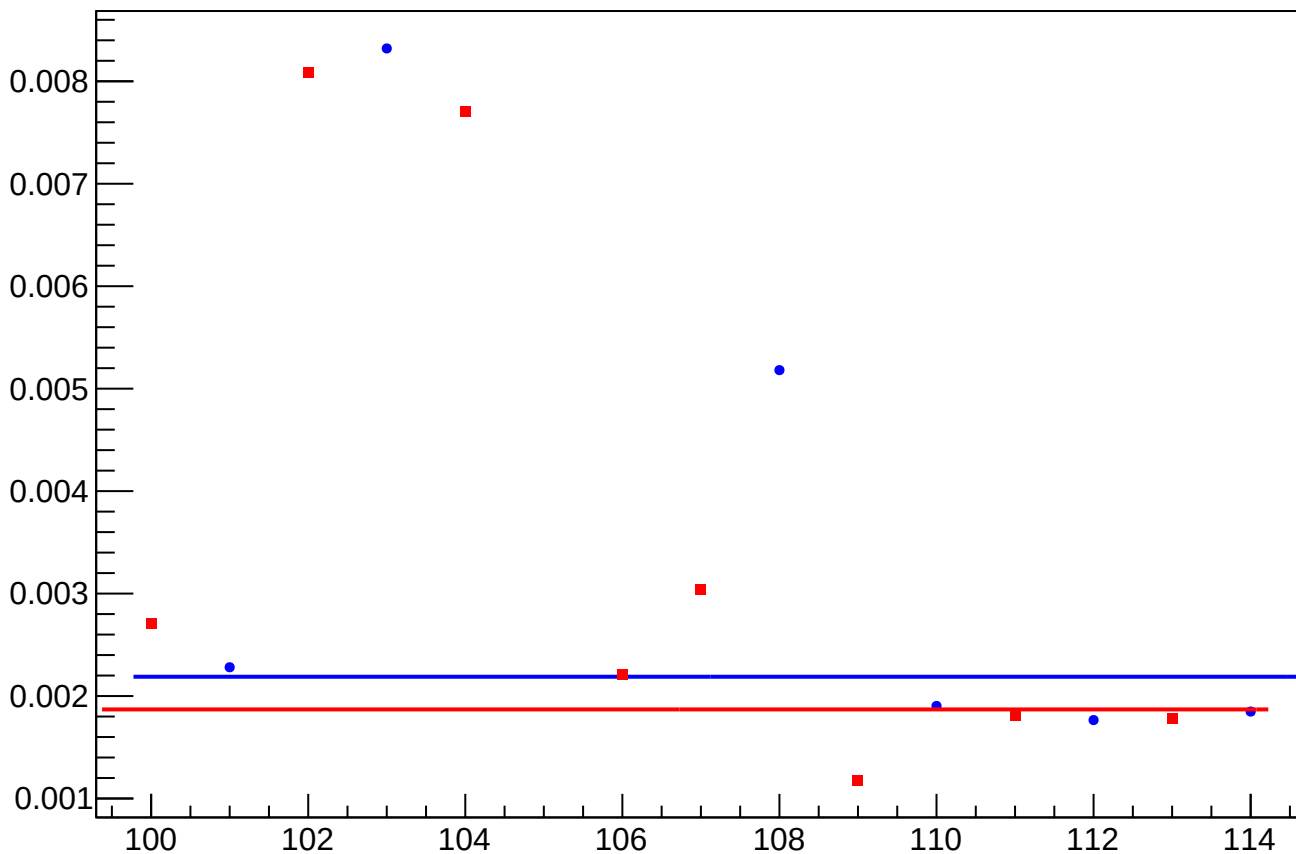
Right: -0.000+/-0.000 χ^2/NDF : 22.3/13

In: -0.000+/-0.000 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/13

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1003906.1/5

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1662492.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

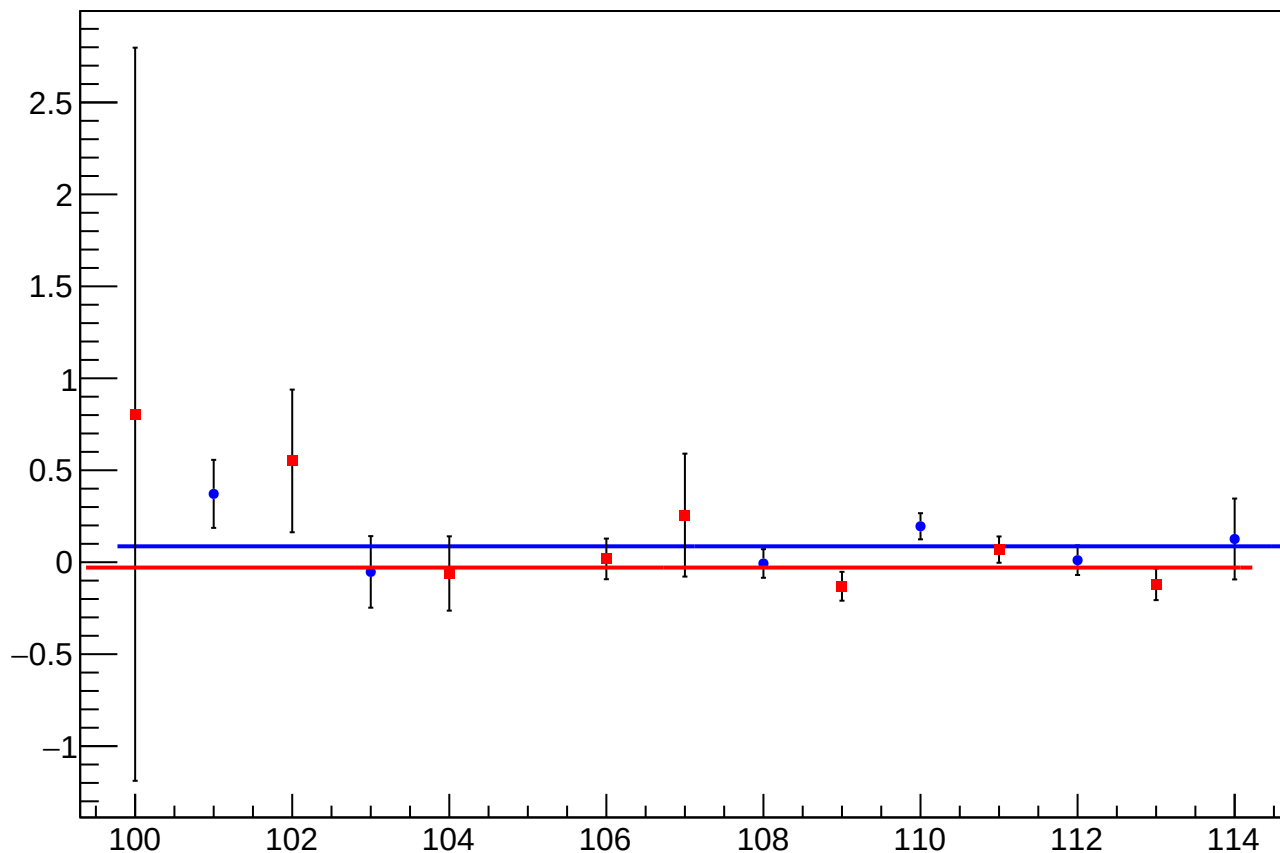
Right: 0.002+/-0.000 χ^2/NDF : 2718390.1/13

In: 0.002+/-0.000 χ^2/NDF : 1003906.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2718390.1/13

asym_at1_dd_eigen_dit_vs_slug, Sign Corrected



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

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

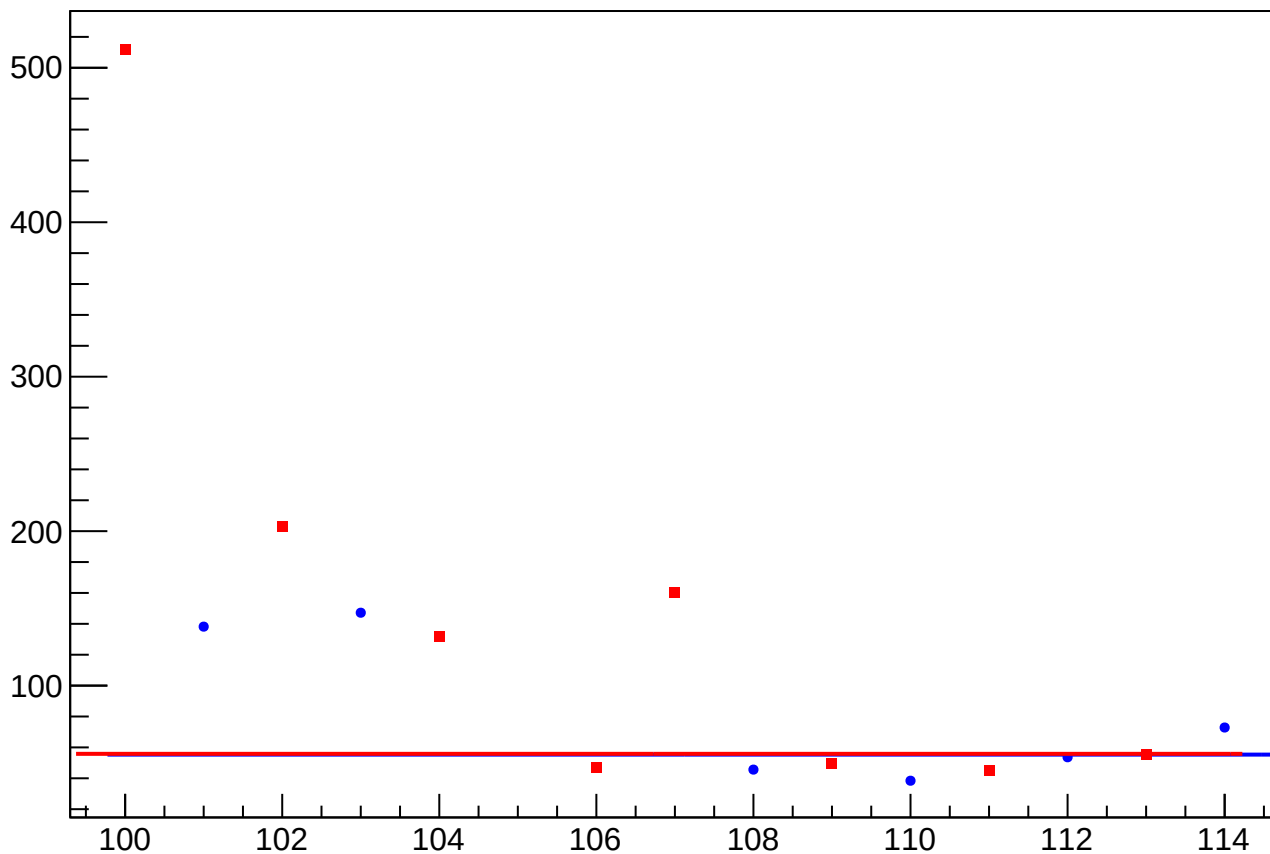
Right: 0.028 $\pm$ 0.029 χ^2 /NDF: 19.6/13

In: 0.086 $\pm$ 0.041 χ^2 /NDF:7.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.029 χ^2 /NDF: 19.6/13

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

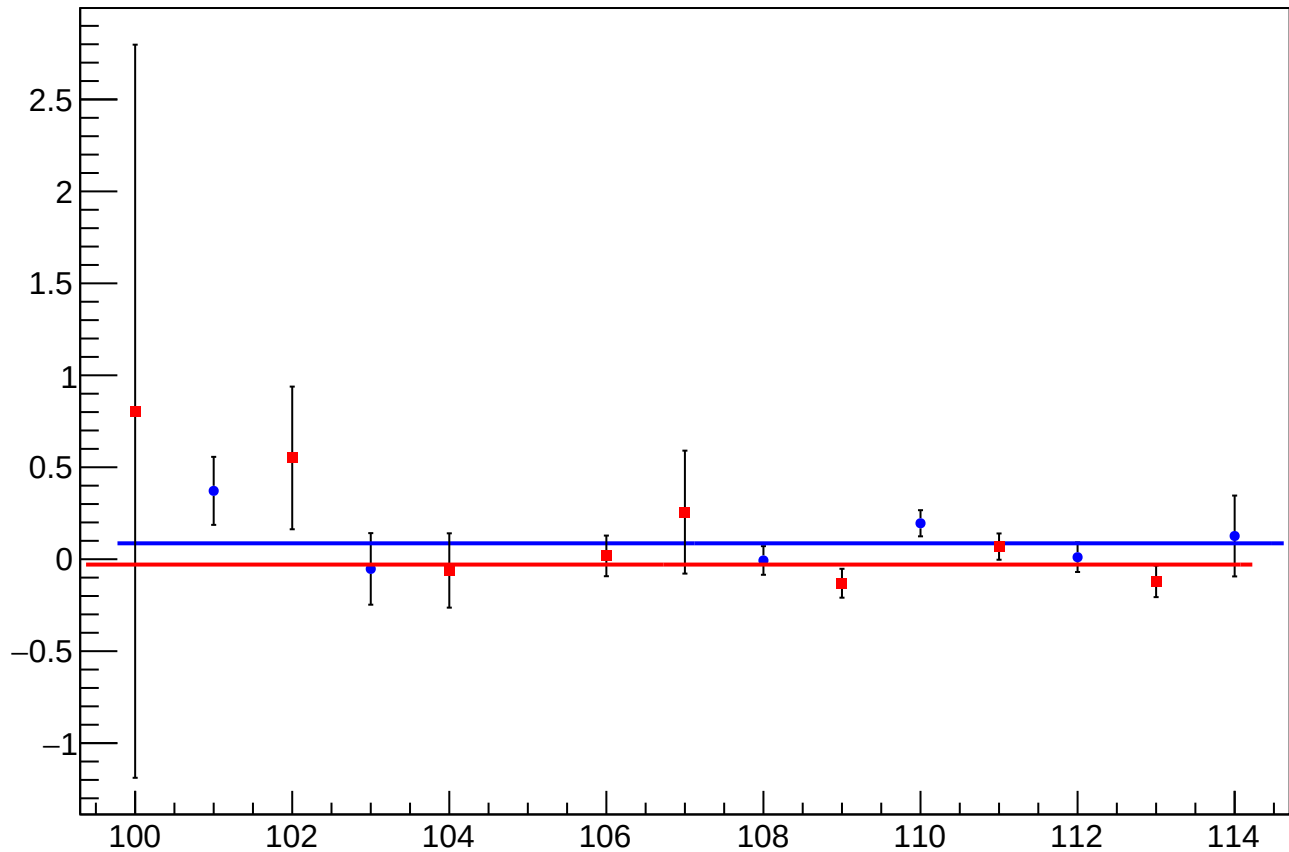
Right: 55.586+/-0.020 χ^2/NDF : 1948941.1/13

In: 55.333+/-0.029 χ^2/NDF : 1004992.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1948941.1/13

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.086+/-0.041 χ^2/NDF : 7.6/5

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

Right Out: -0.029+/-0.040 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

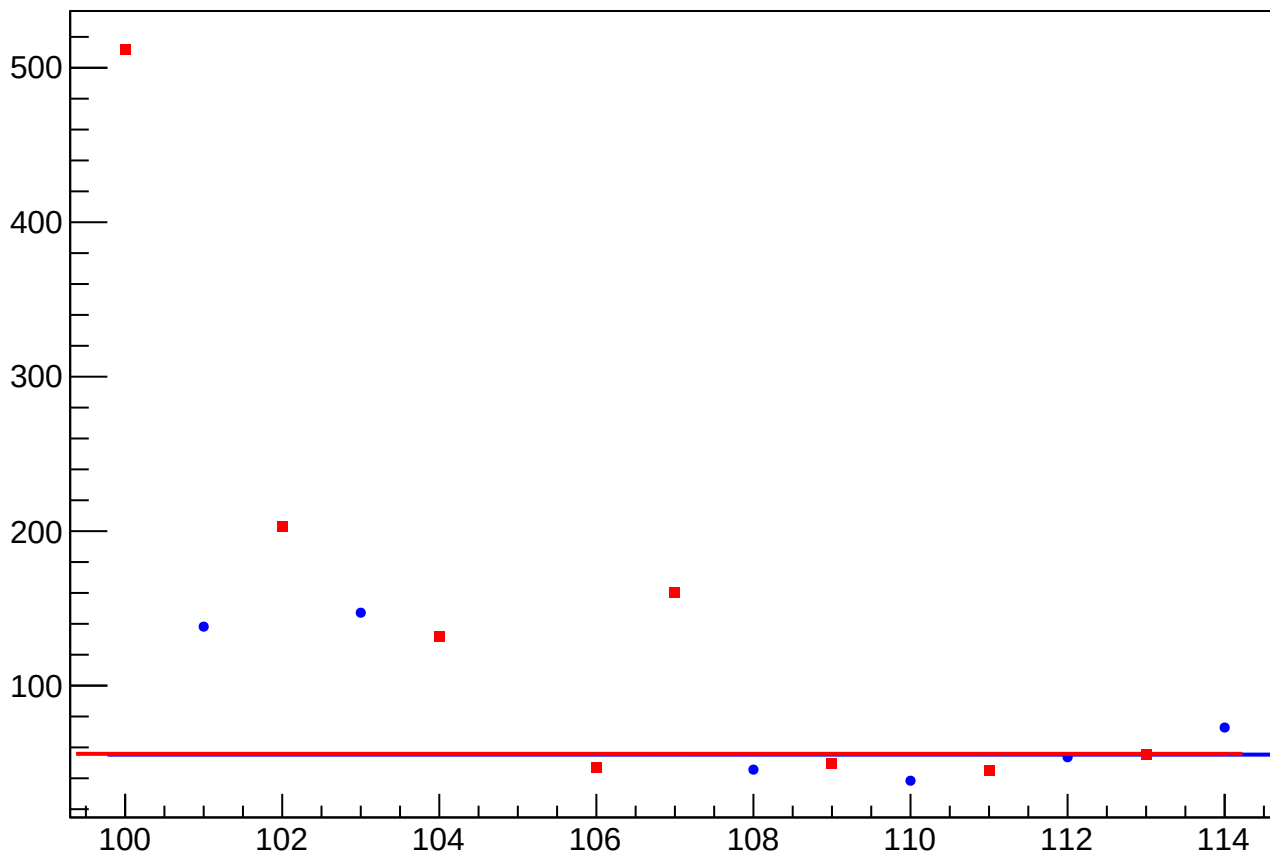
Right: 0.028+/-0.029 χ^2/NDF : 19.6/13

In: 0.086+/-0.041 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.029 χ^2/NDF : 19.6/13

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

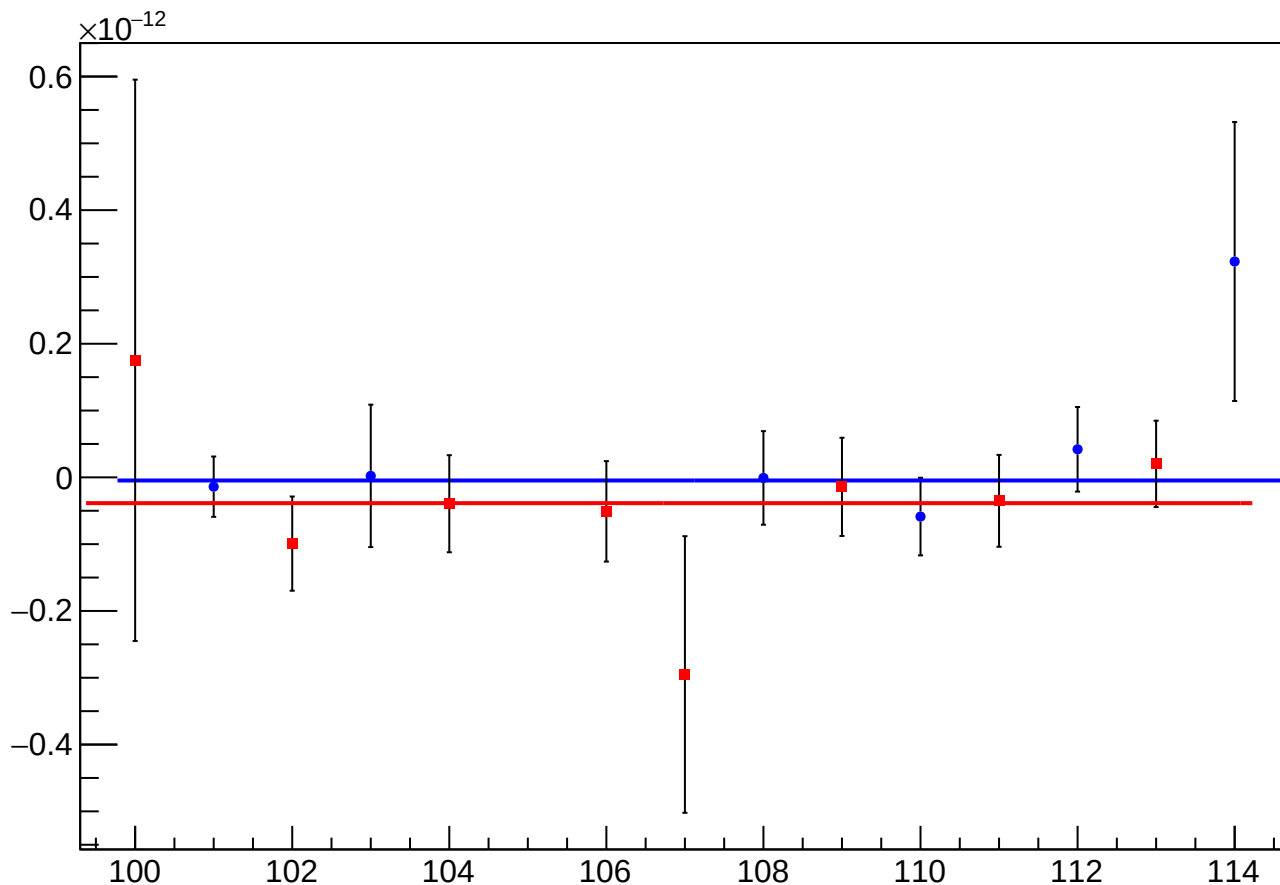
Right: 55.586+/-0.020 χ^2/NDF : 1948941.1/13

In: 55.333+/-0.029 χ^2/NDF : 1004992.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.586+/-0.020 χ^2/NDF : 1948941.1/13

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.9/5

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

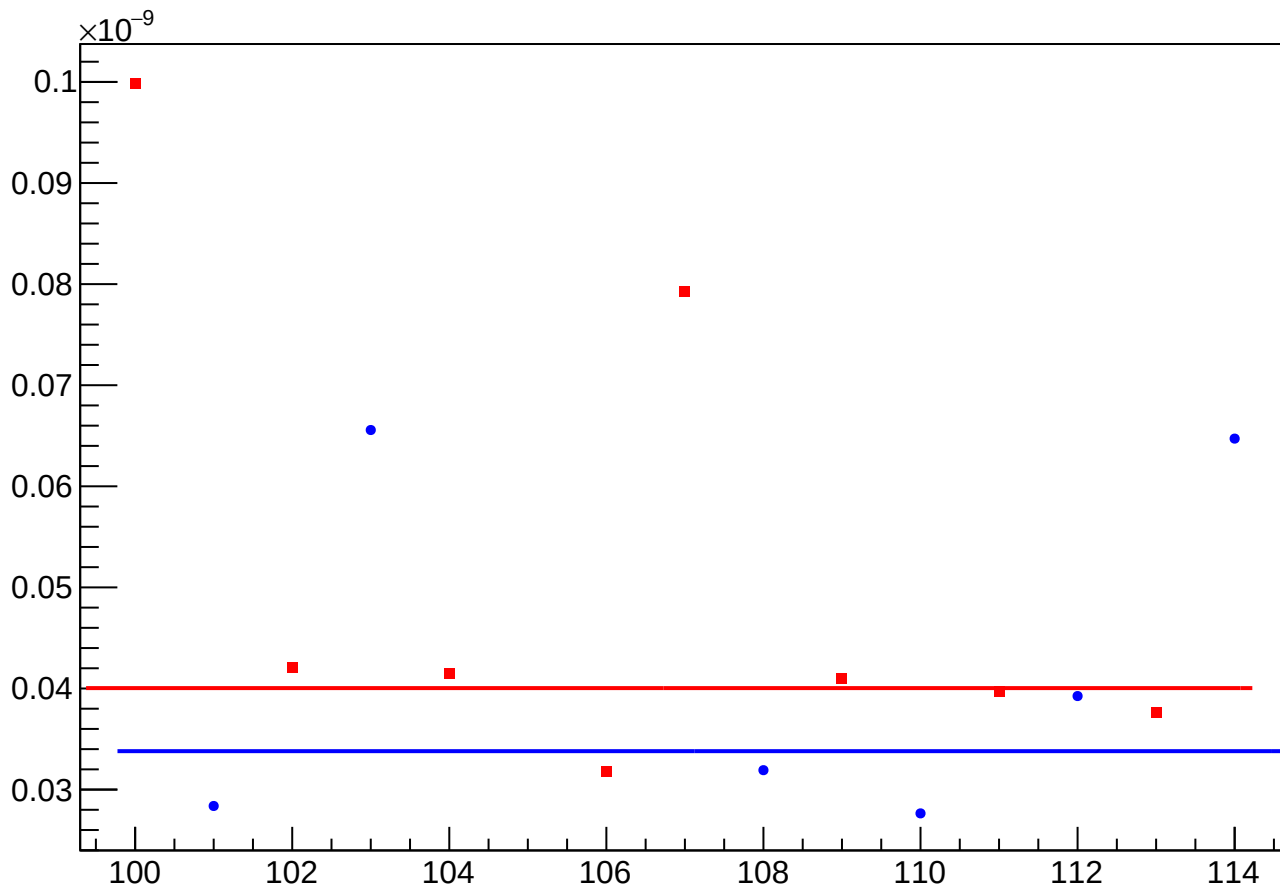
Right: -0.000+/-0.000 χ^2 /NDF: 8.2/13

In: -0.000+/-0.000 χ^2 /NDF:3.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.2/13

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 289054.8/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 142434.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

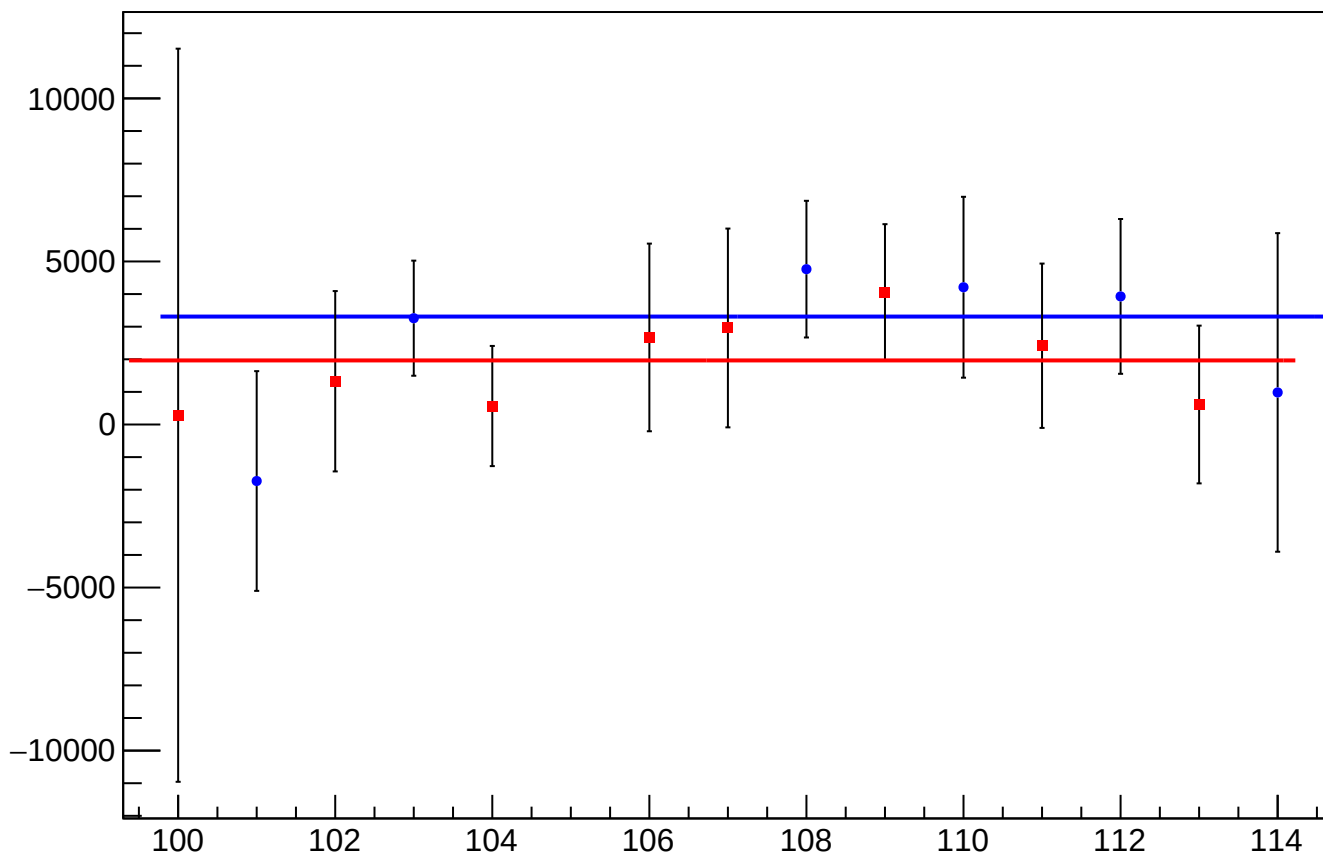
Right: 0.000+/-0.000 χ^2/NDF : 481638.6/13

In: 0.000+/-0.000 χ^2/NDF : 289054.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 481638.6/13

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3310.041+/-1006.924 χ^2/NDF : 3.1/5

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

Right Out: 1964.994+/-905.954 χ^2/NDF : 2.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

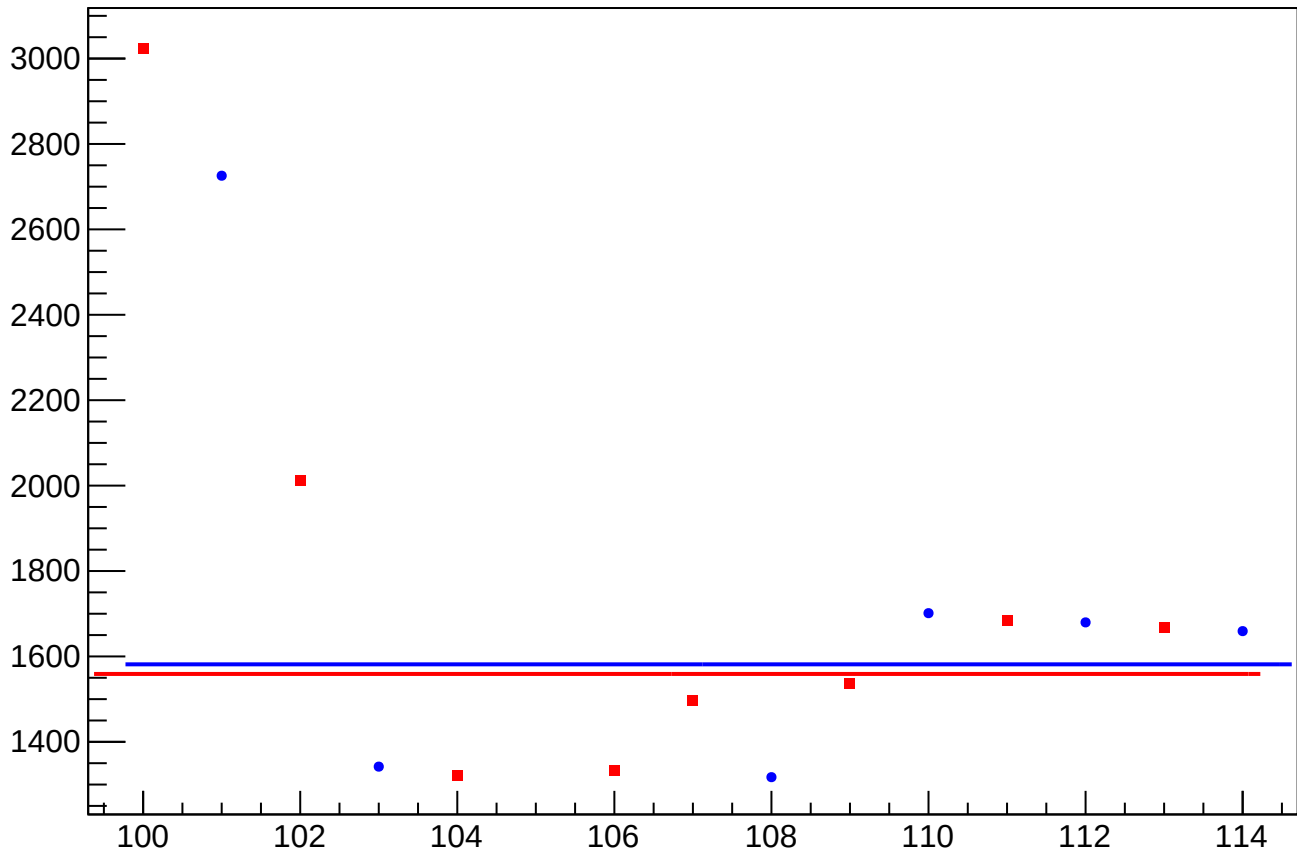
Right: 2566.717+/-673.482 χ^2/NDF : 6.3/13

In: 3310.041+/-1006.924 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2566.717+/-673.482 χ^2/NDF : 6.3/13

reg_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

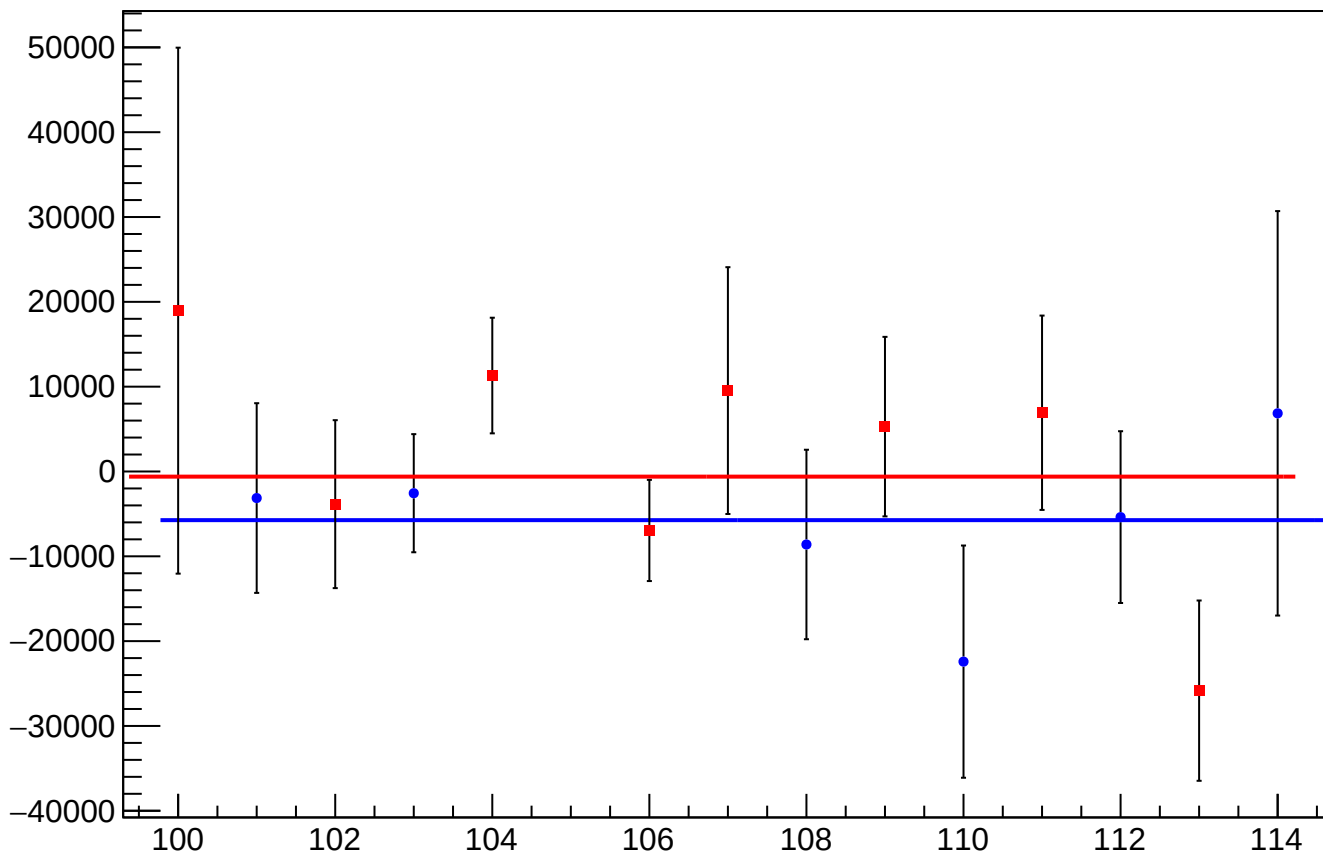
Right: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

In: 1581.493+/-0.712 χ^2/NDF :306965.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

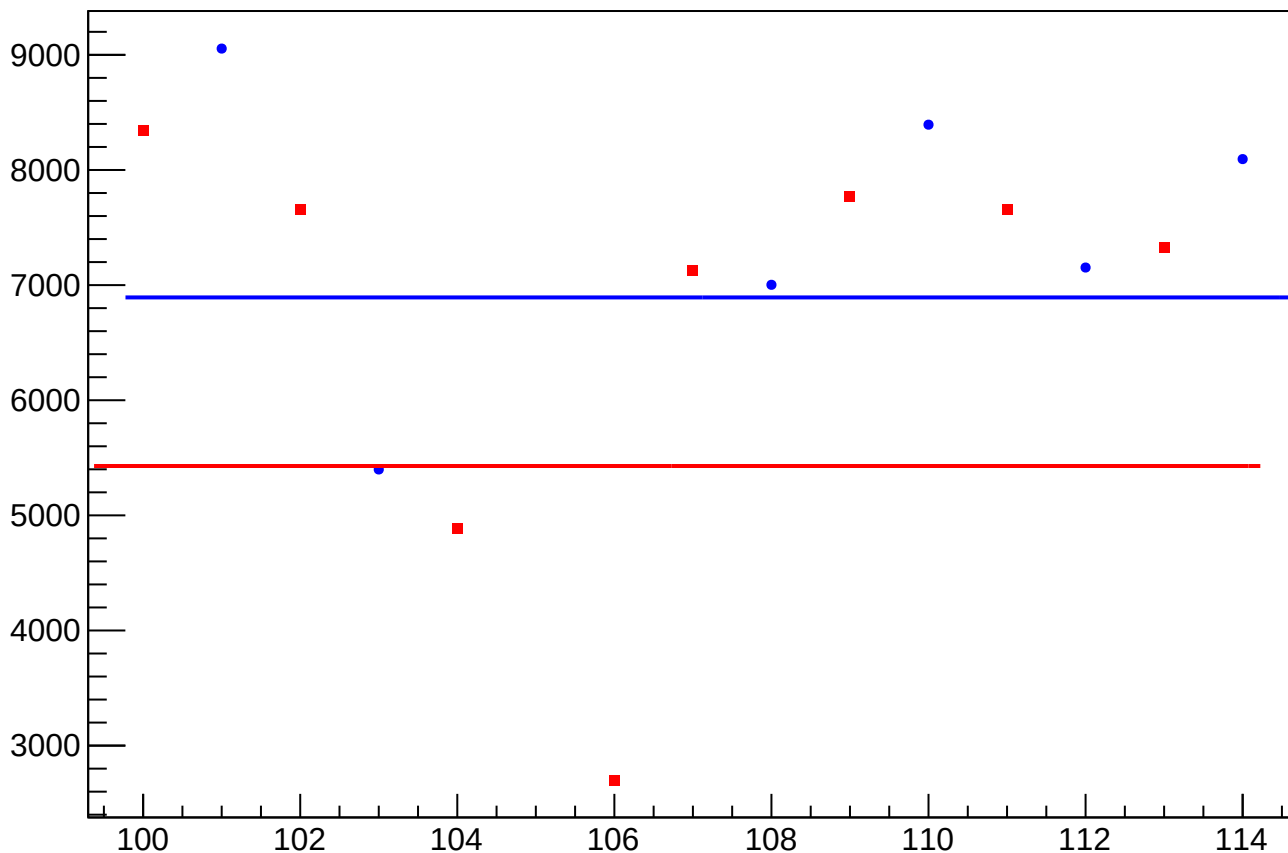
Right: -2505.416+/-2630.813 χ^2 /NDF: 14.5/13

In: -5737.169+/-4324.042 χ^2 /NDF:2.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2505.416+/-2630.813 χ^2 /NDF: 14.5/13

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

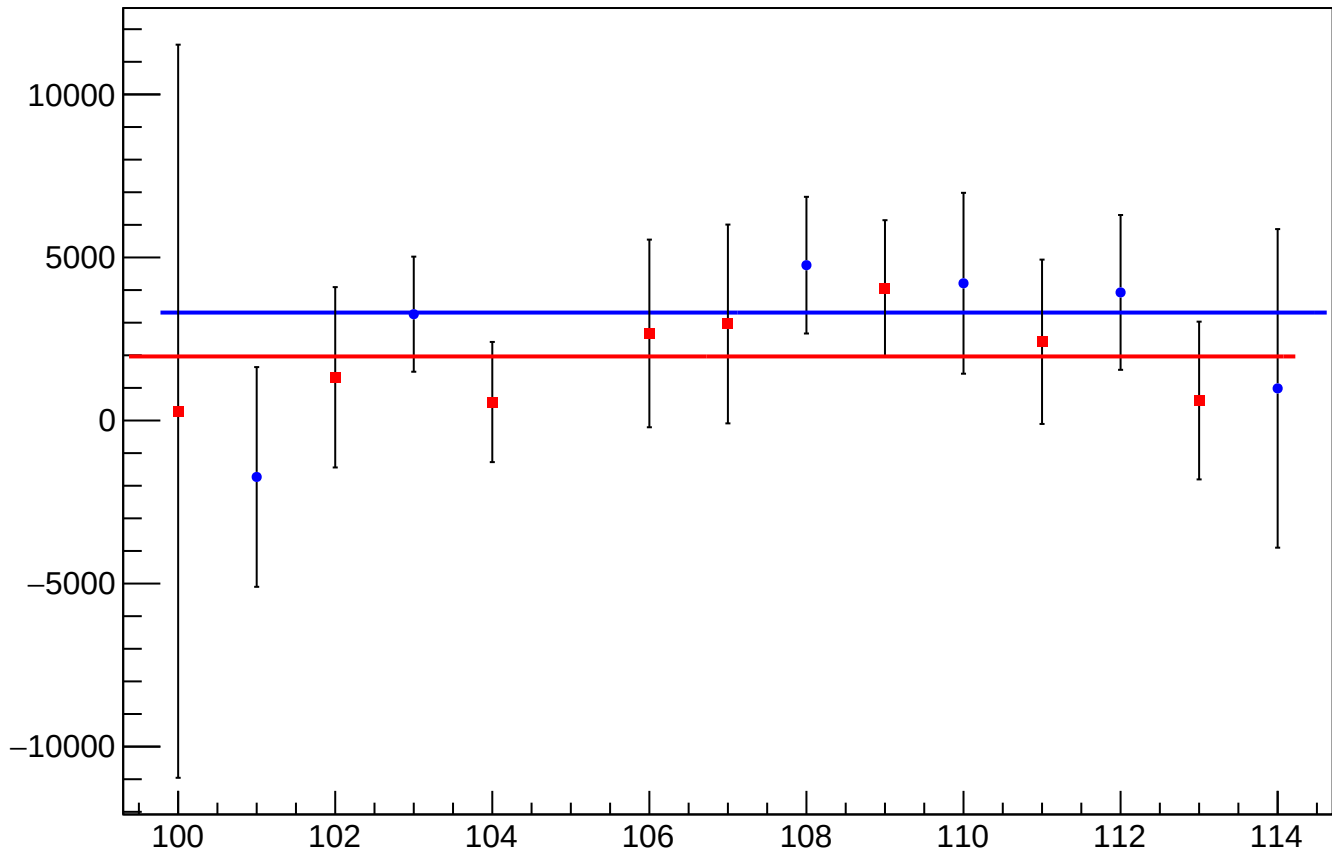
Right: 5970.771+/-1.860 χ^2/NDF : 1156689.8/13

In: 6893.065+/-3.058 χ^2/NDF : 197466.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5970.771+/-1.860 χ^2/NDF : 1156689.8/13

cor_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

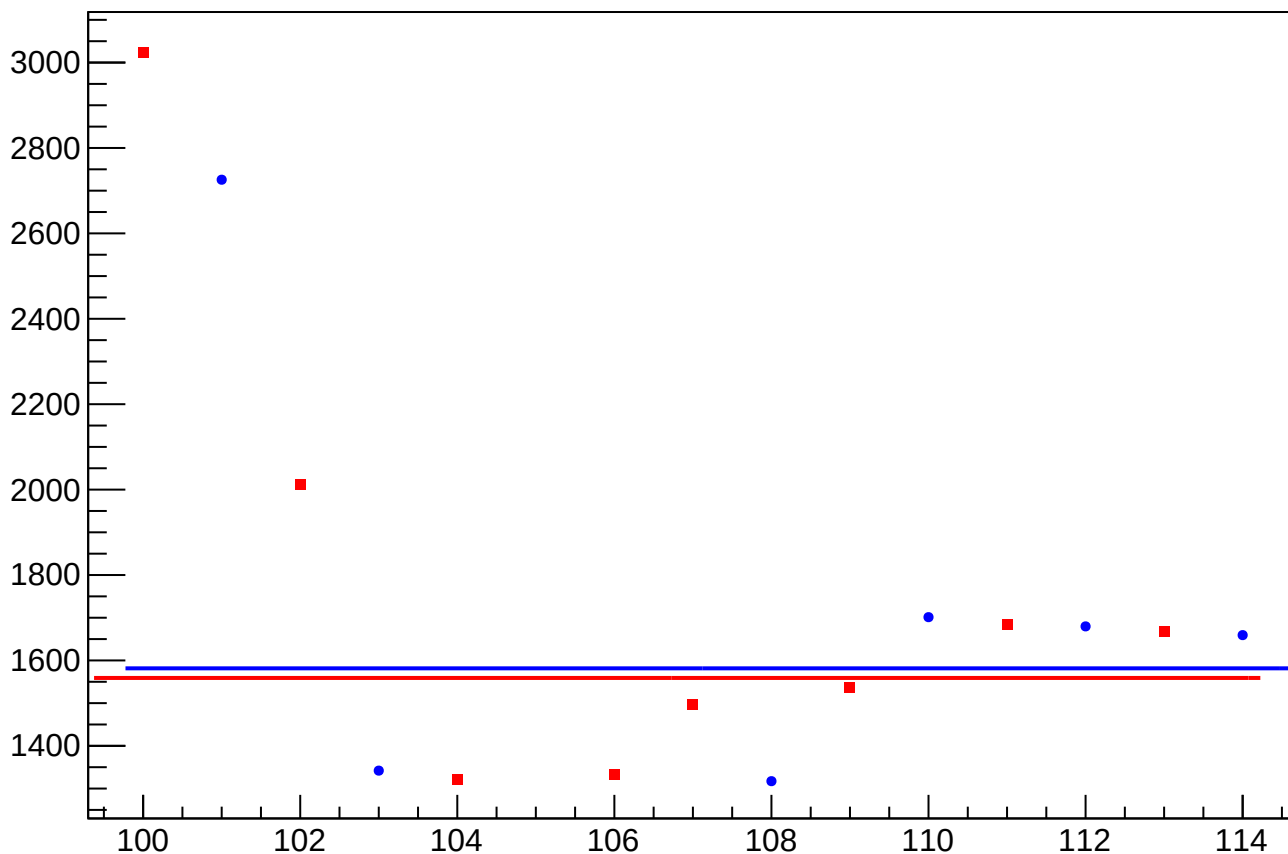
Right: 2566.627+/-673.482 χ^2/NDF : 6.3/13

In: 3310.233+/-1006.924 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2566.627+/-673.482 χ^2/NDF : 6.3/13

cor_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

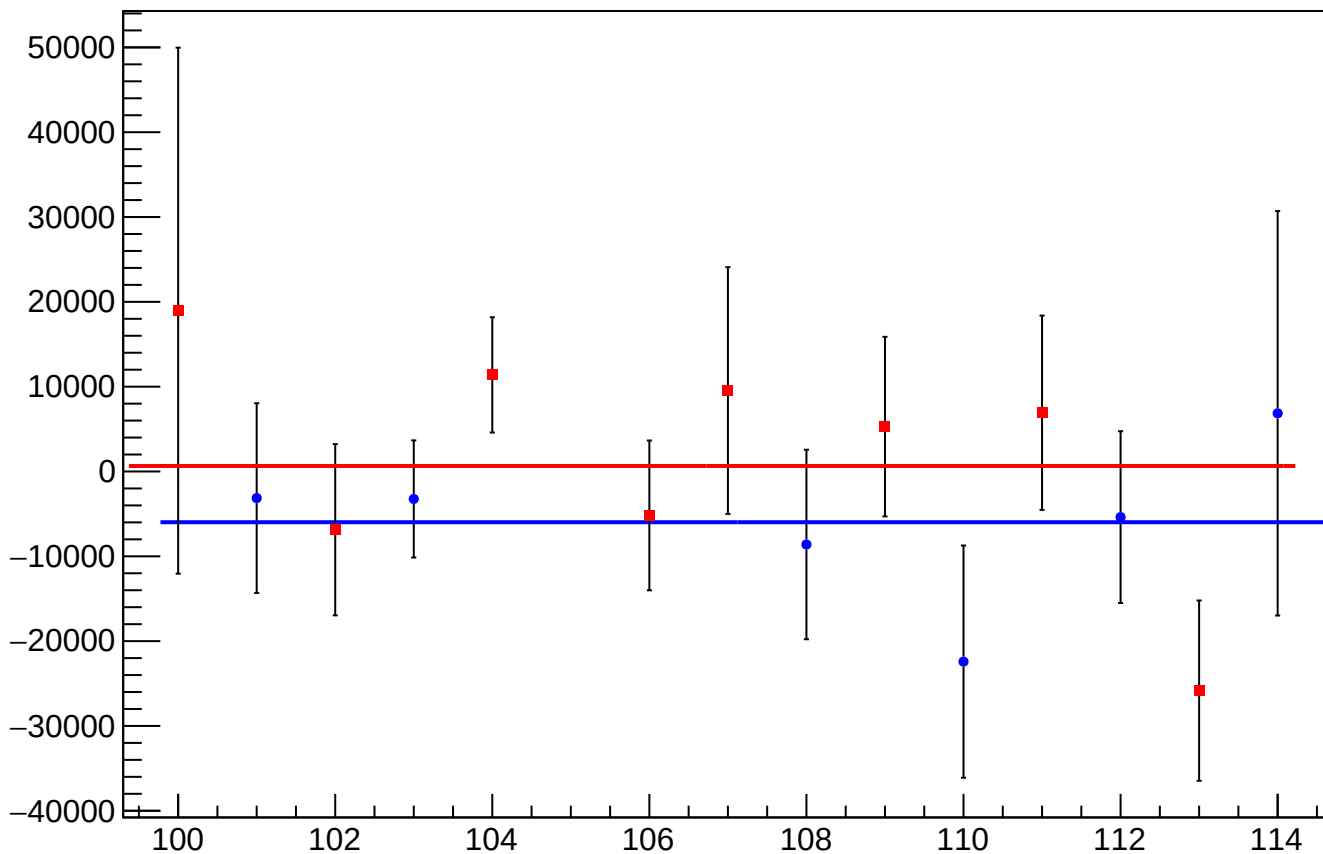
Right: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

In: 1581.493+/-0.712 χ^2/NDF : 306965.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

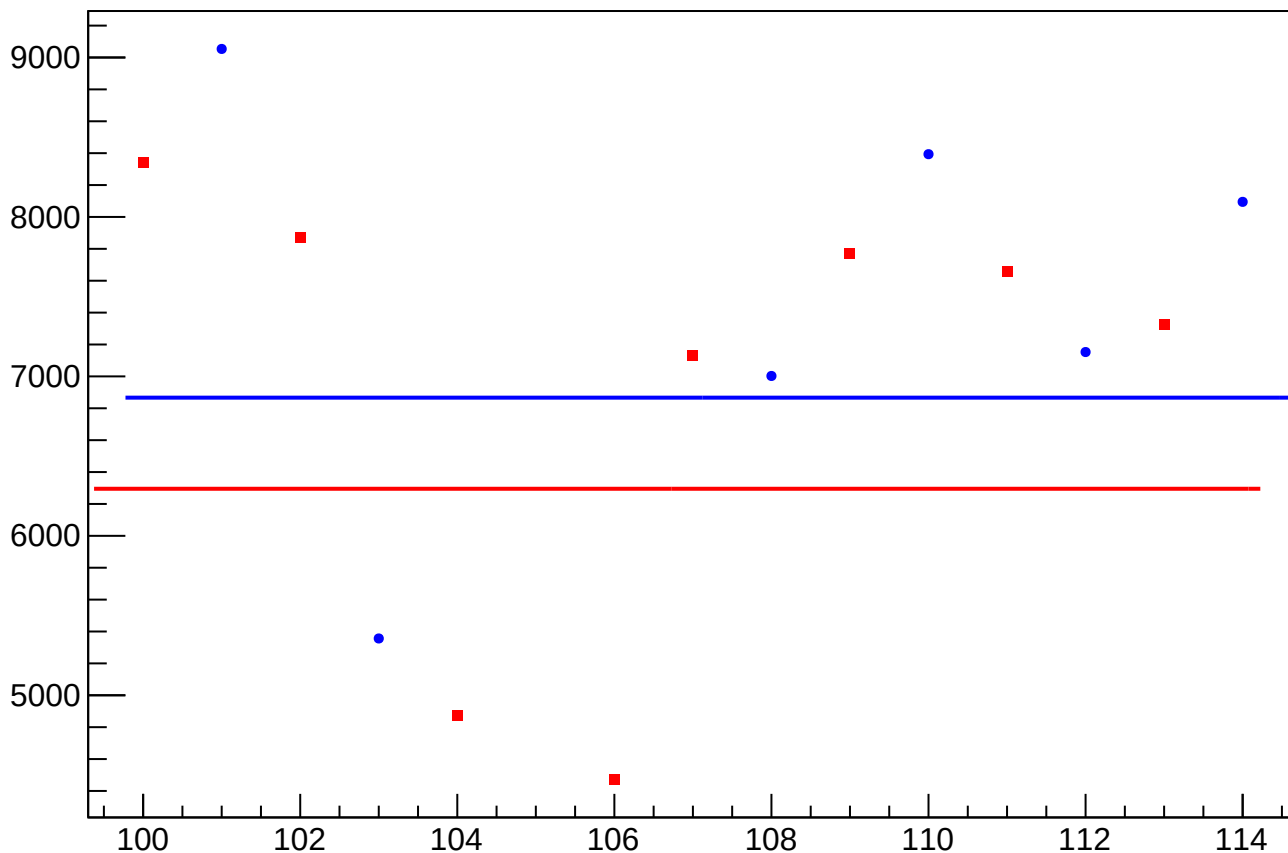
Right: -2113.144+/-2781.092 χ^2/NDF : 14.3/13

In: -5981.118+/-4309.745 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2113.144+/-2781.092 χ^2/NDF : 14.3/13

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

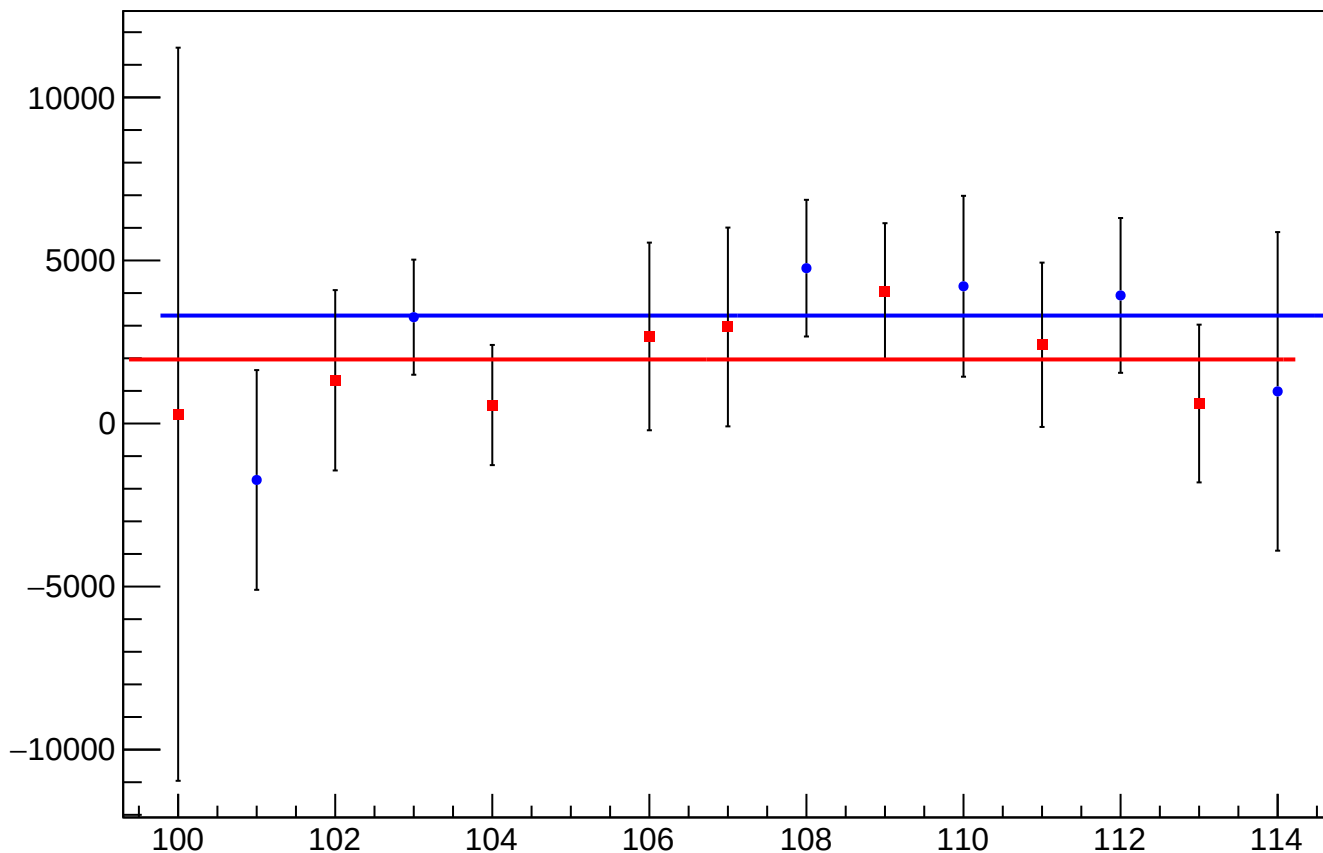
Right: 6533.171+/-1.967 χ^2/NDF : 547928.4/13

In: 6866.672+/-3.047 χ^2/NDF : 204310.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6533.171+/-1.967 χ^2/NDF : 547928.4/13

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

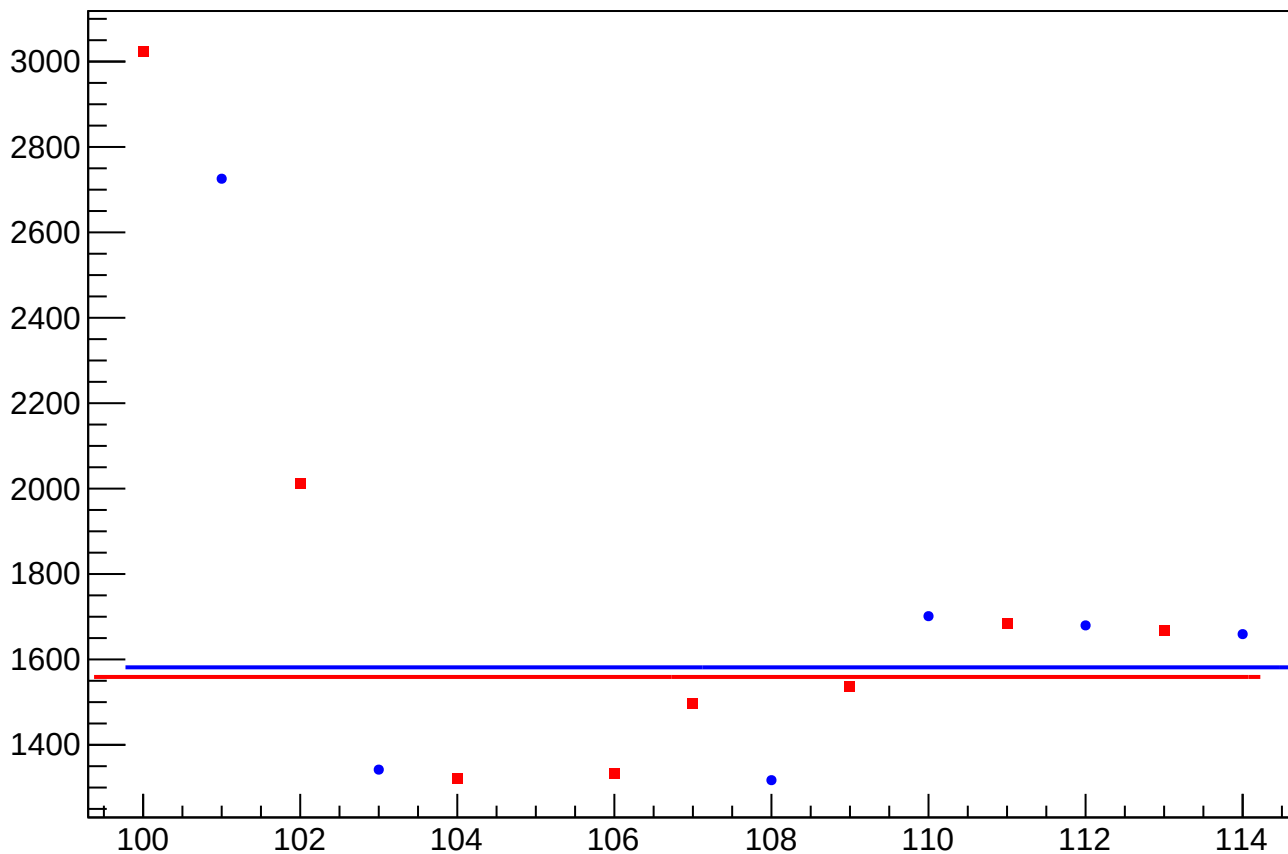
Right: 2566.627+/-673.482 χ^2/NDF : 6.3/13

In: 3310.233+/-1006.924 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2566.627+/-673.482 χ^2/NDF : 6.3/13

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

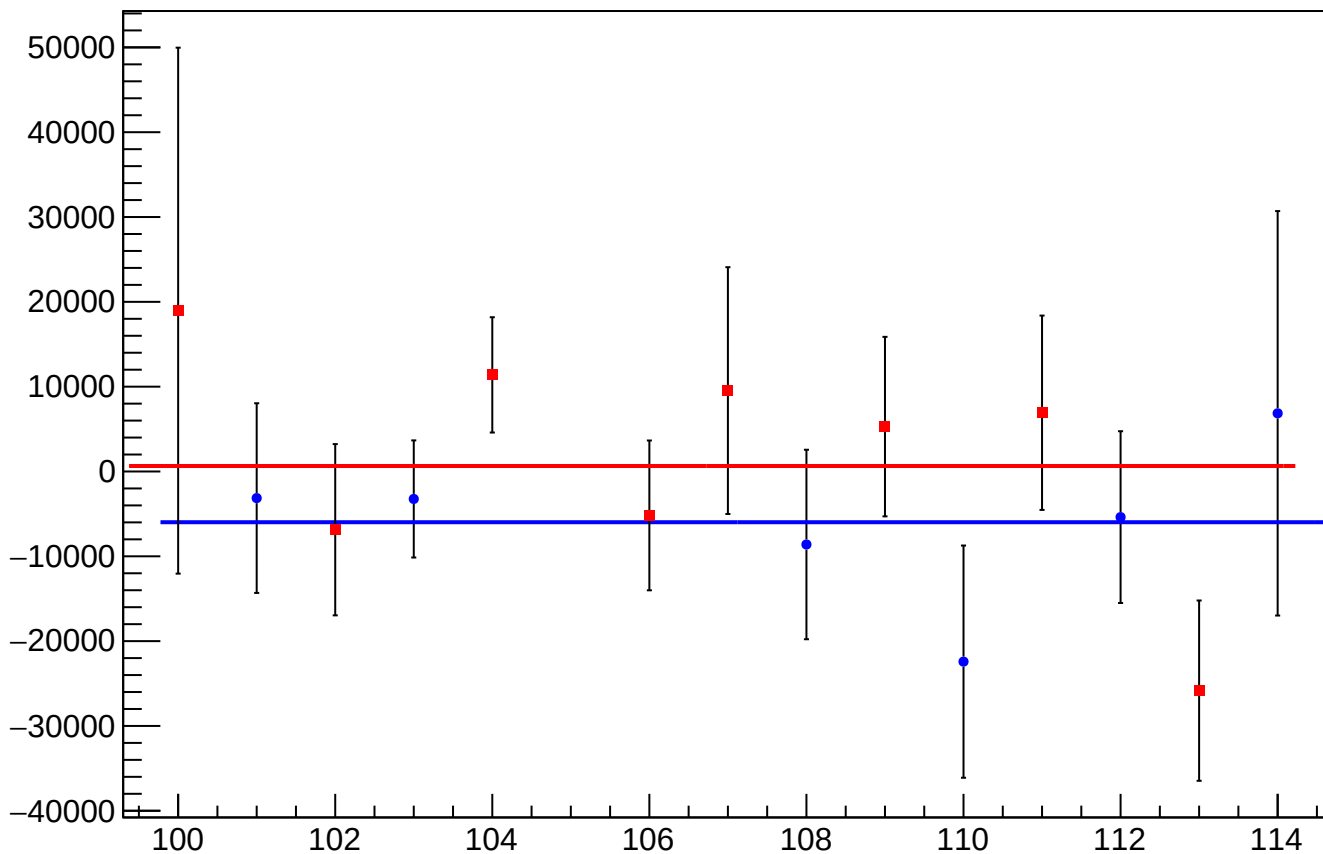
Right: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

In: 1581.493+/-0.712 χ^2/NDF :306965.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1569.054+/-0.476 χ^2/NDF : 451317.0/13

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

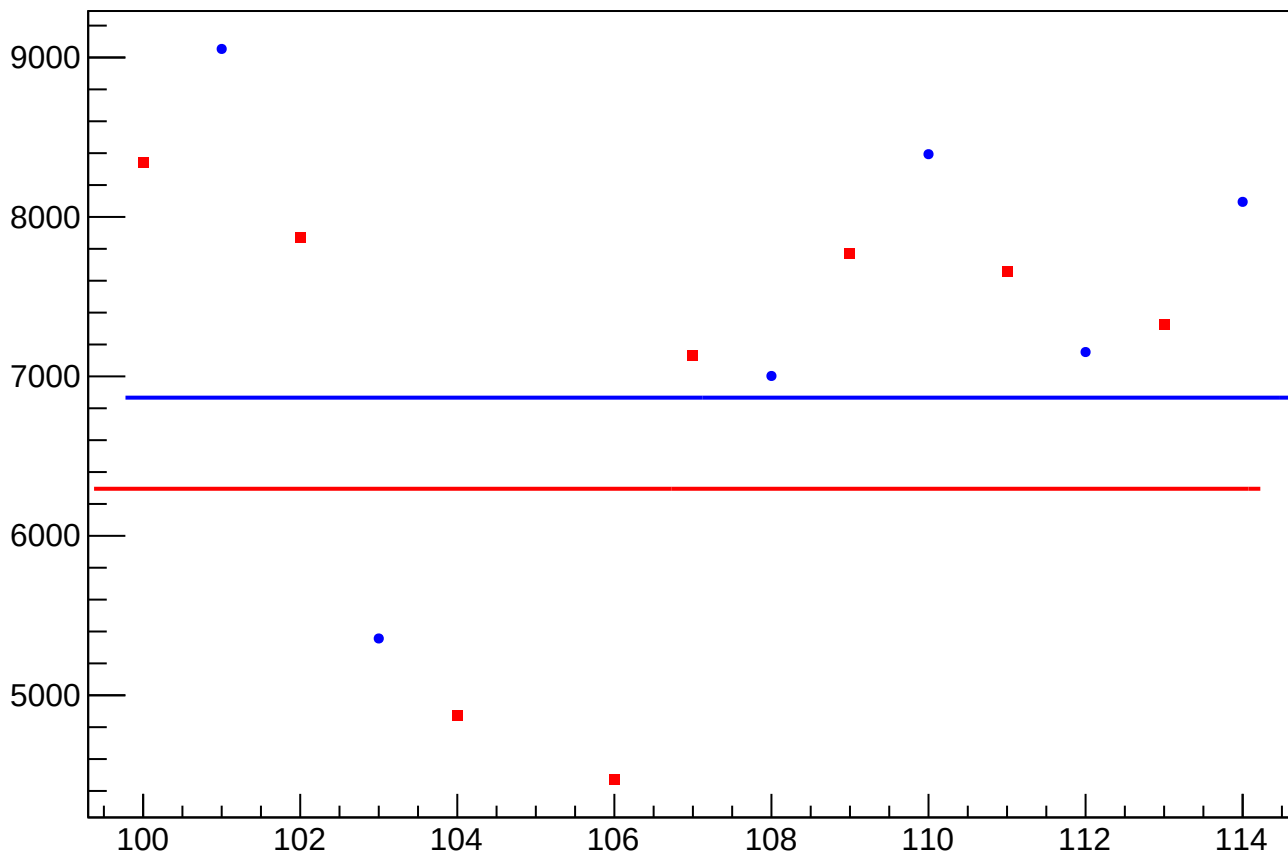
Right: -2113.144+/-2781.092 χ^2 /NDF: 14.3/13

In: -5981.118+/-4309.745 χ^2 /NDF: 2.0/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2113.144+/-2781.092 χ^2 /NDF: 14.3/13

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

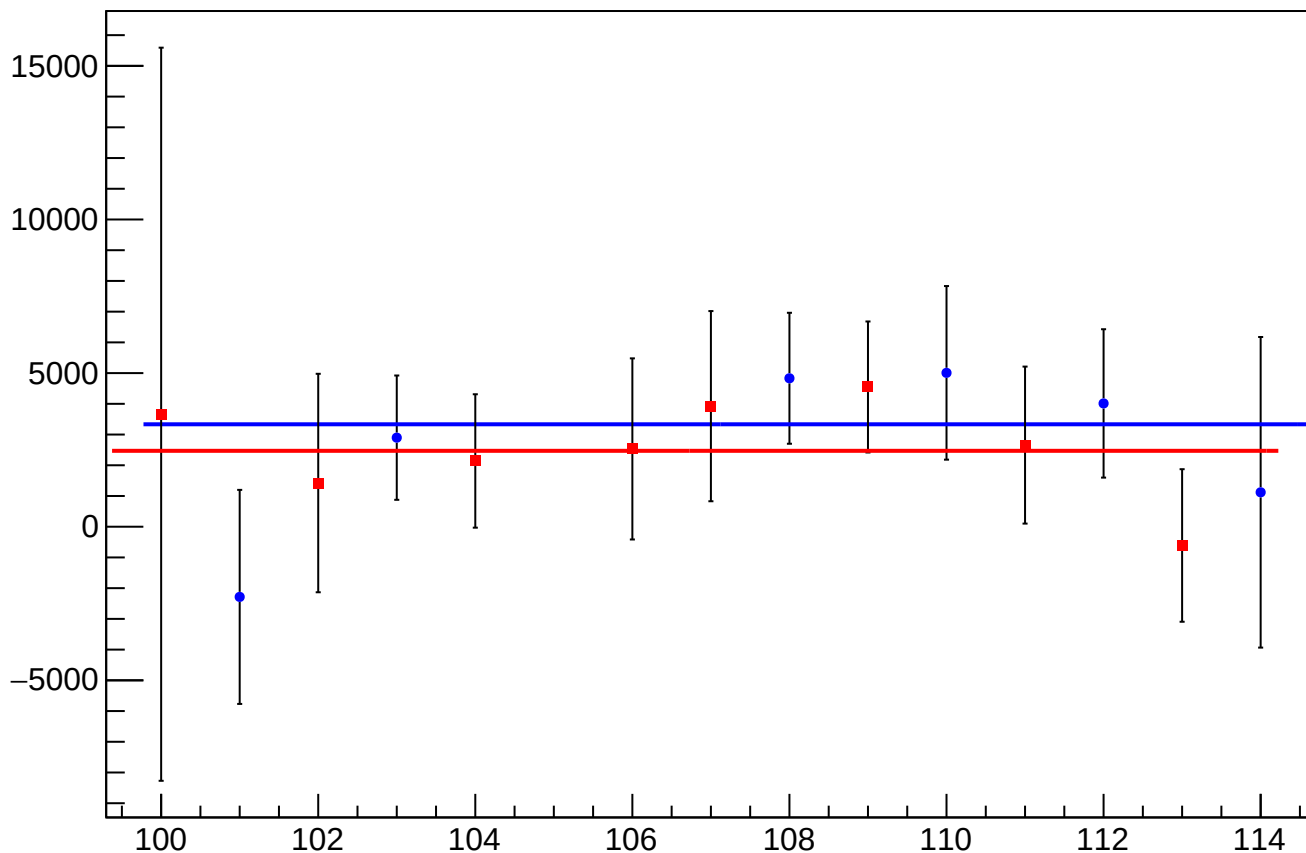
Right: 6533.171+/-1.967 χ^2/NDF : 547928.4/13

In: 6866.672+/-3.047 χ^2/NDF :204310.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6533.171+/-1.967 χ^2/NDF : 547928.4/13

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3333.867+/-1064.330 χ^2/NDF : 3.8/5

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

Right Out: 2470.350+/-974.458 χ^2/NDF : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

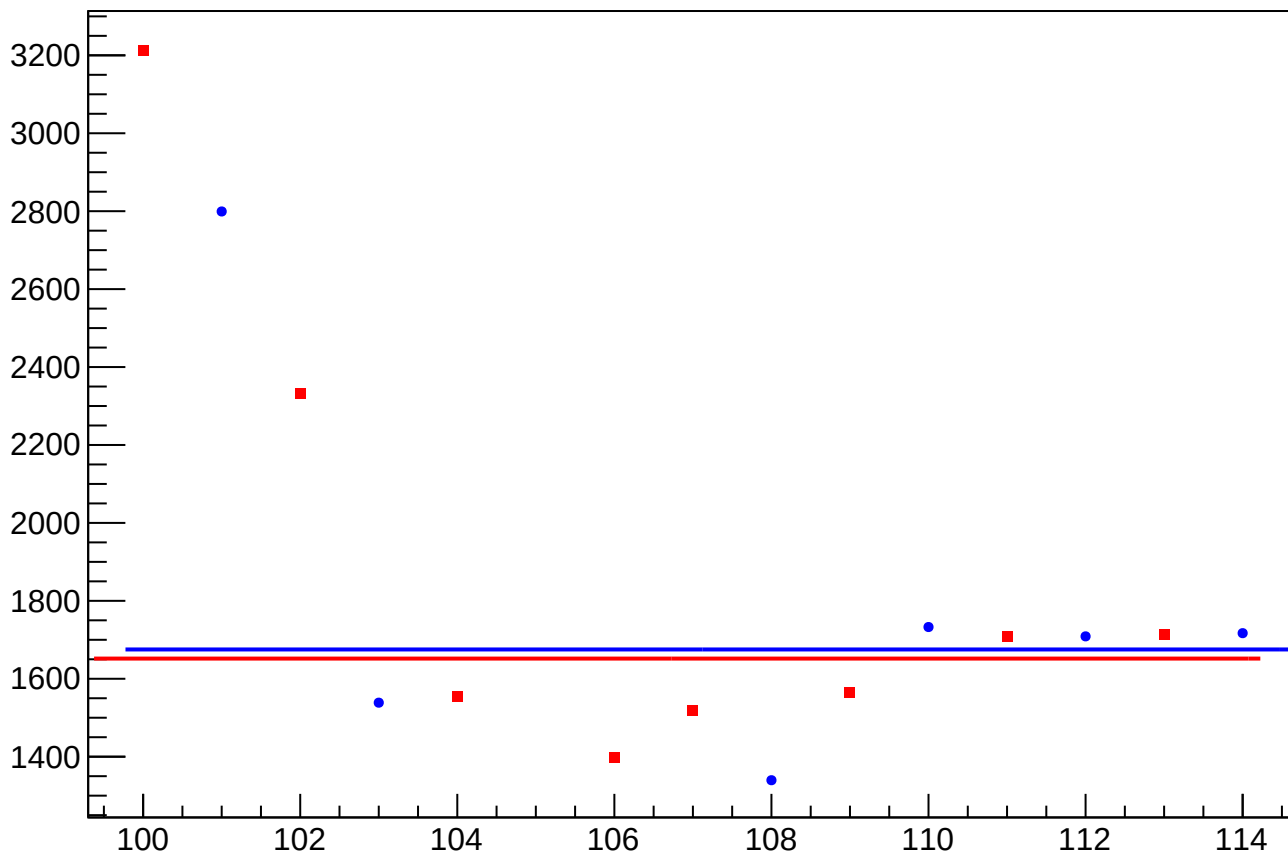
Right: 2864.118+/-718.722 χ^2/NDF : 7.0/13

In: 3333.867+/-1064.330 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2864.118+/-718.722 χ^2/NDF : 7.0/13

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

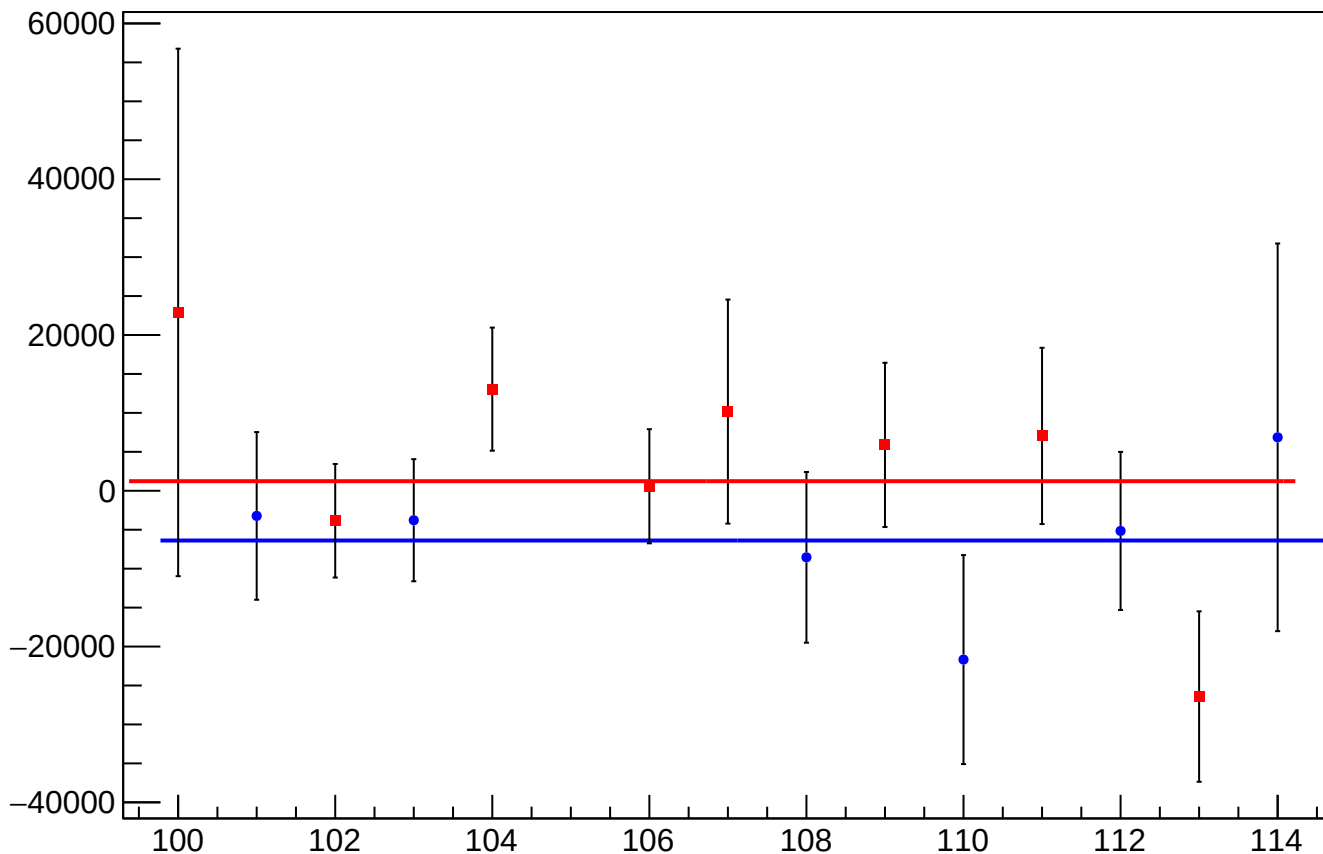
Right: 1662.466+/-0.508 χ^2/NDF : 404286.5/13

In: 1675.211+/-0.753 χ^2/NDF : 268292.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.466+/-0.508 χ^2/NDF : 404286.5/13

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

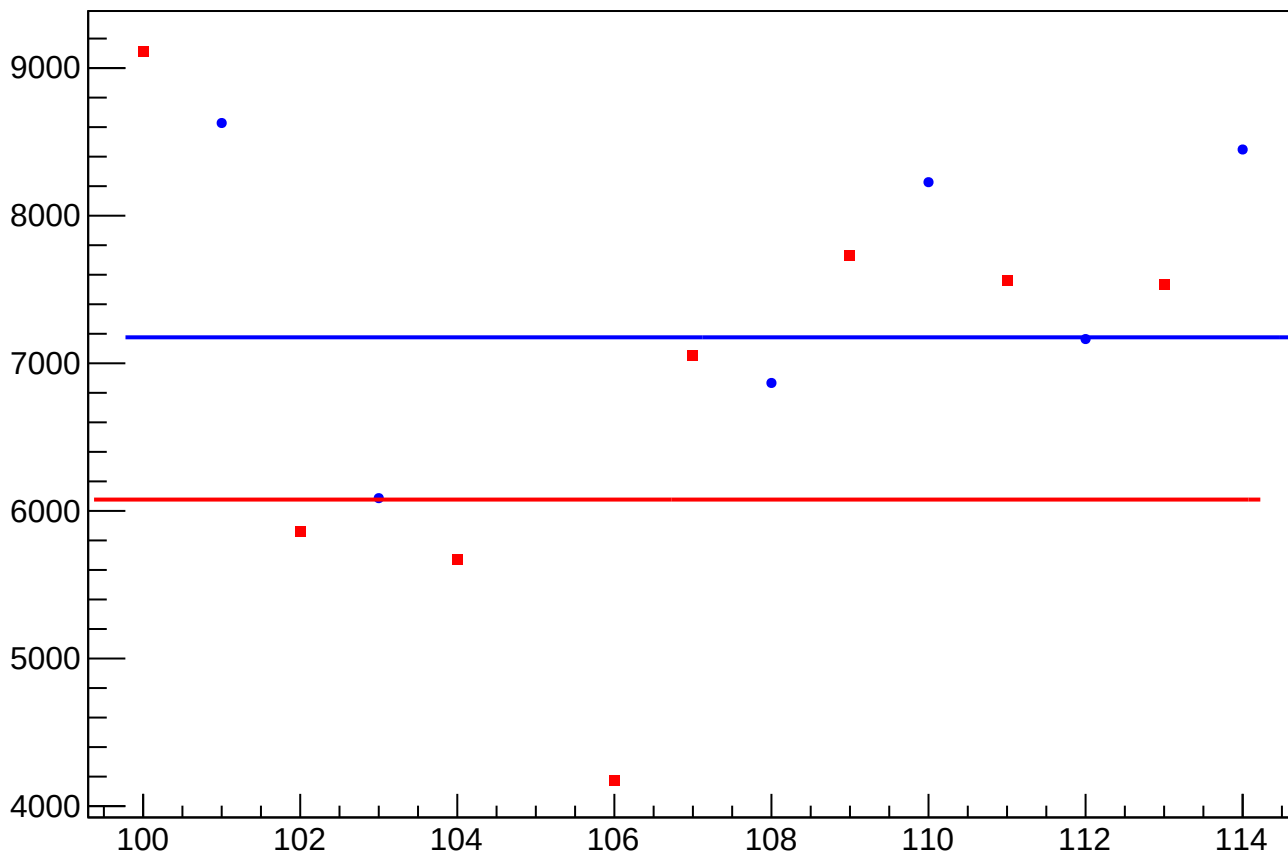
Right: -1607.749+/-2727.534 χ^2/NDF : 14.0/13

In: -6383.848+/-4467.305 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1607.749+/-2727.534 χ^2/NDF : 14.0/13

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7176.038+/-3.159 χ^2/NDF : 94103.7/5

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

Right Out: 6076.841+/-2.435 χ^2/NDF : 286001.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

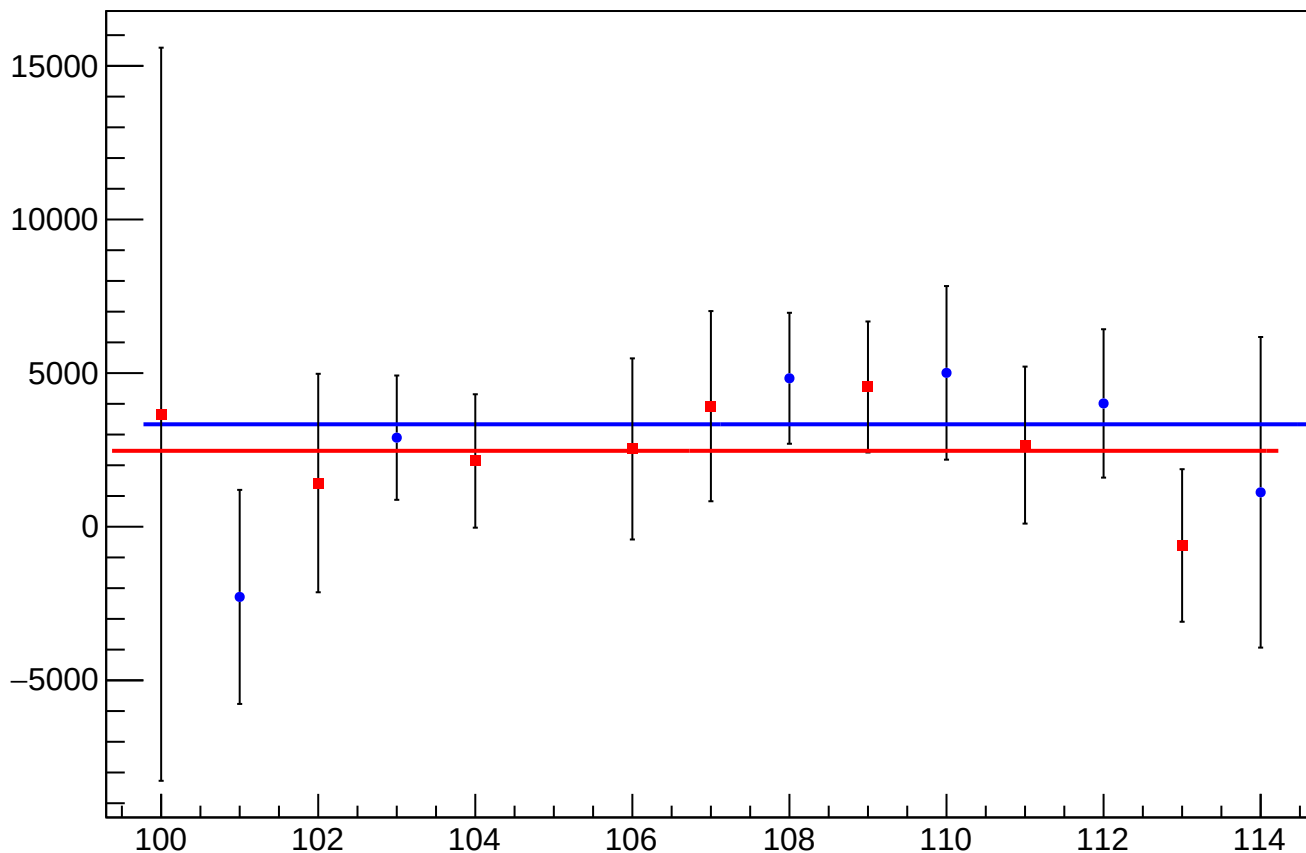
Right: 6486.597+/-1.929 χ^2/NDF : 456052.3/13

In: 7176.038+/-3.159 χ^2/NDF : 94103.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.597+/-1.929 χ^2/NDF : 456052.3/13

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3333.877 $\pm$ 1064.330 χ^2 /NDF: 3.8/5

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

Right Out: 2470.360 $\pm$ 974.458 χ^2 /NDF: 2.8/7

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

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

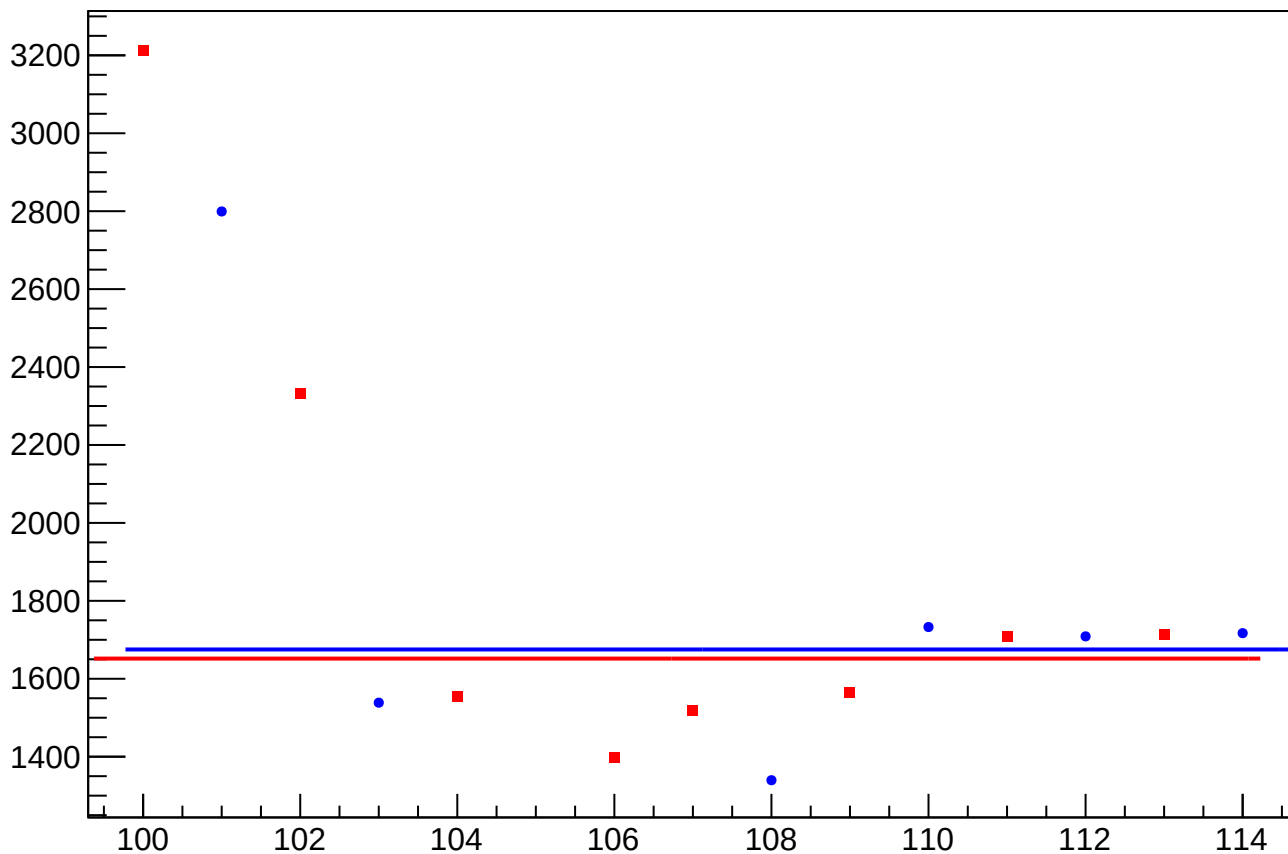
Right: 2864.127 $\pm$ 718.722 χ^2 /NDF: 7.0/13

In: 3333.877 $\pm$ 1064.330 χ^2 /NDF:3.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2864.127 $\pm$ 718.722 χ^2 /NDF: 7.0/13

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1675.212+/-0.753 χ^2/NDF : 268291.8/5

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

Right Out: 1651.800+/-0.688 χ^2/NDF : 135467.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

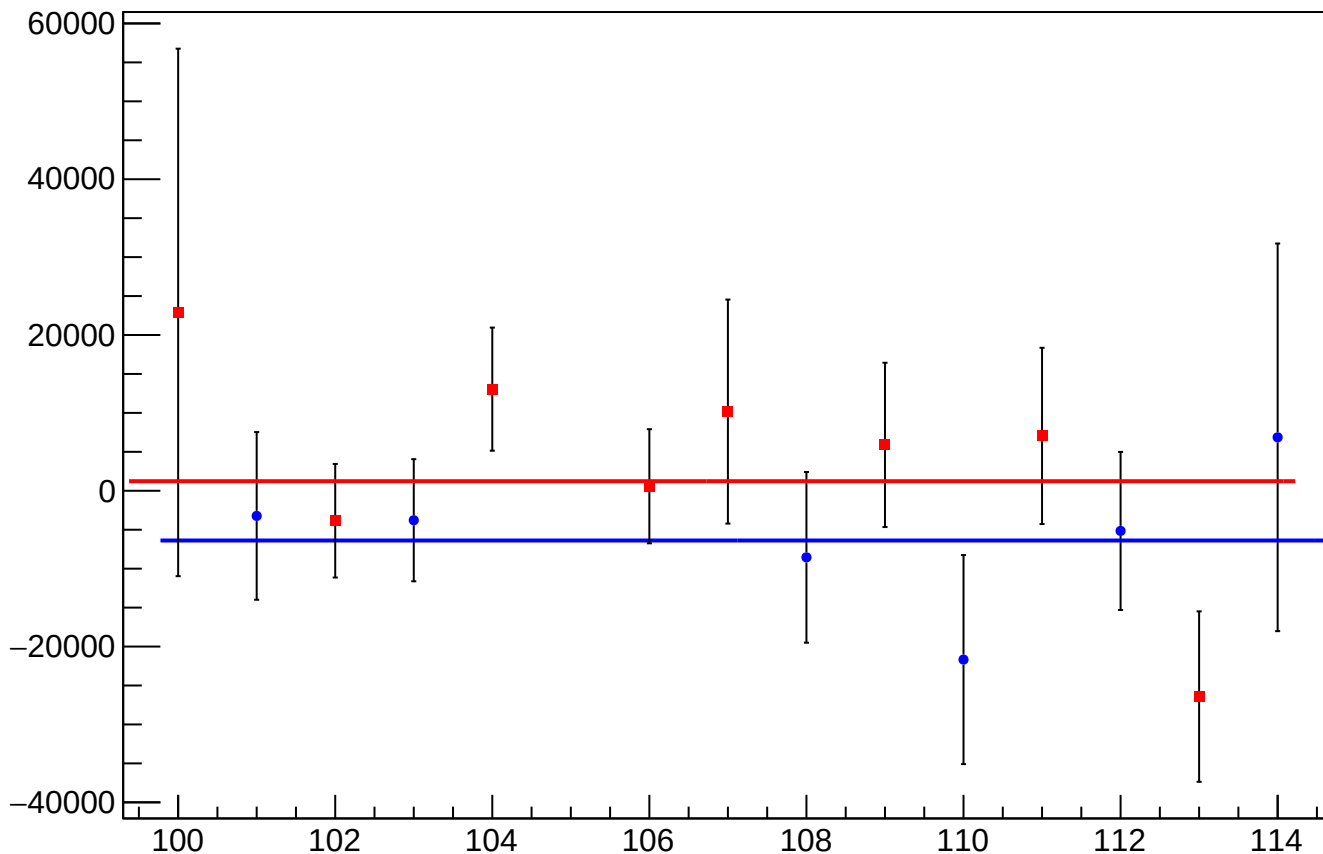
Right: 1662.466+/-0.508 χ^2/NDF : 404286.0/13

In: 1675.212+/-0.753 χ^2/NDF : 268291.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.466+/-0.508 χ^2/NDF : 404286.0/13

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

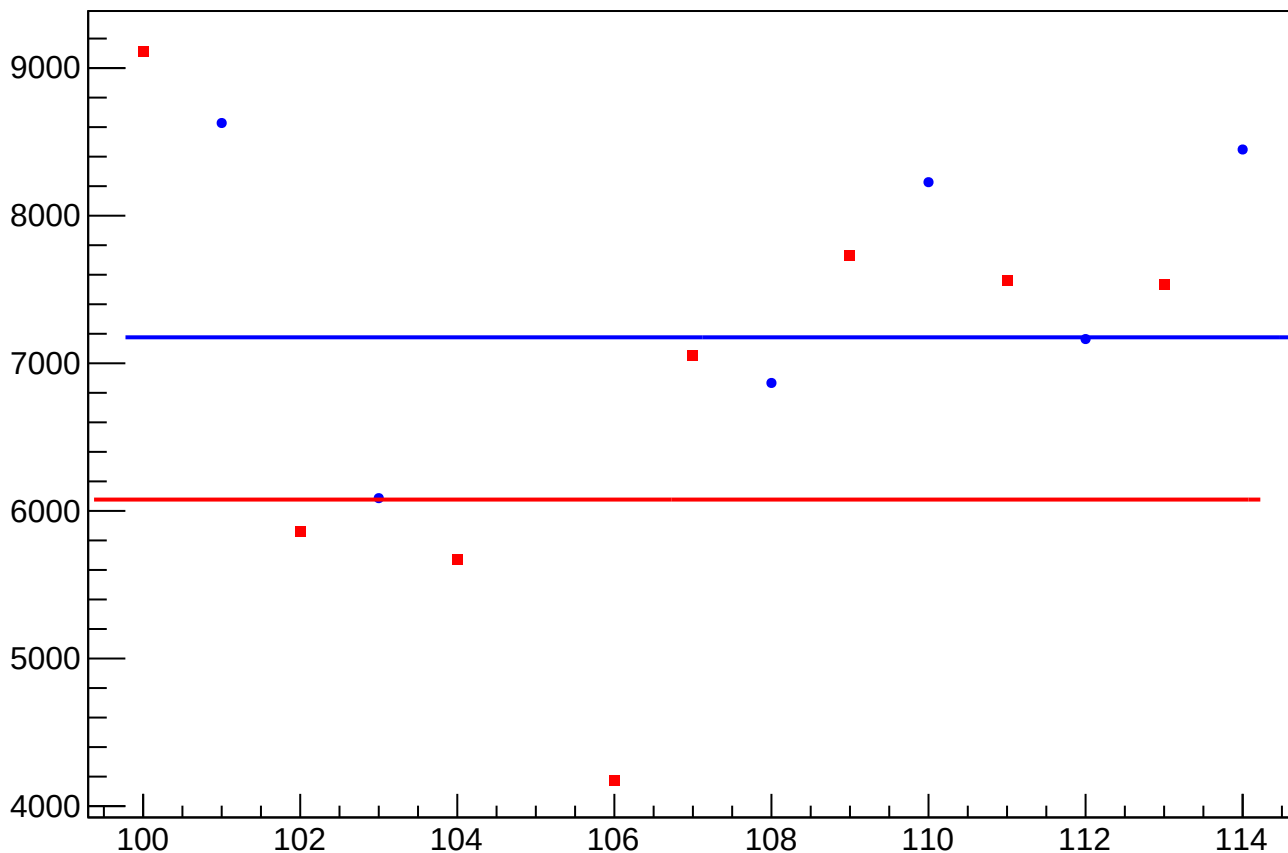
Right: -1607.742+/-2727.530 χ^2/NDF : 14.0/13

In: -6383.846+/-4467.299 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1607.742+/-2727.530 χ^2/NDF : 14.0/13

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

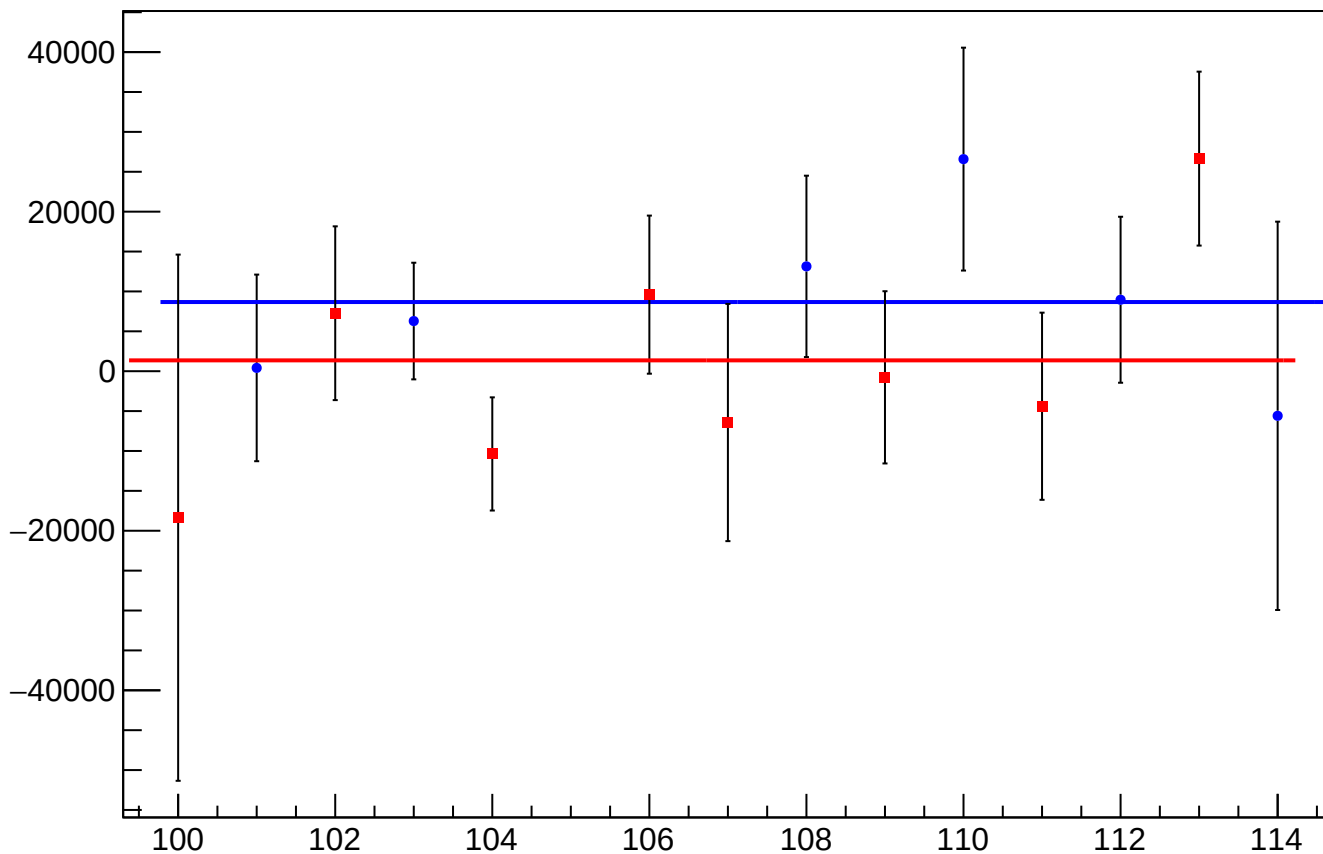
Right: 6486.587+/-1.929 χ^2/NDF : 456051.7/13

In: 7176.030+/-3.159 χ^2/NDF : 94102.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.587+/-1.929 χ^2/NDF : 456051.7/13

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 8670.694+/-4480.772 χ^2/NDF : 2.7/5

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

Right Out: 1358.363+/-3829.515 χ^2/NDF : 10.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

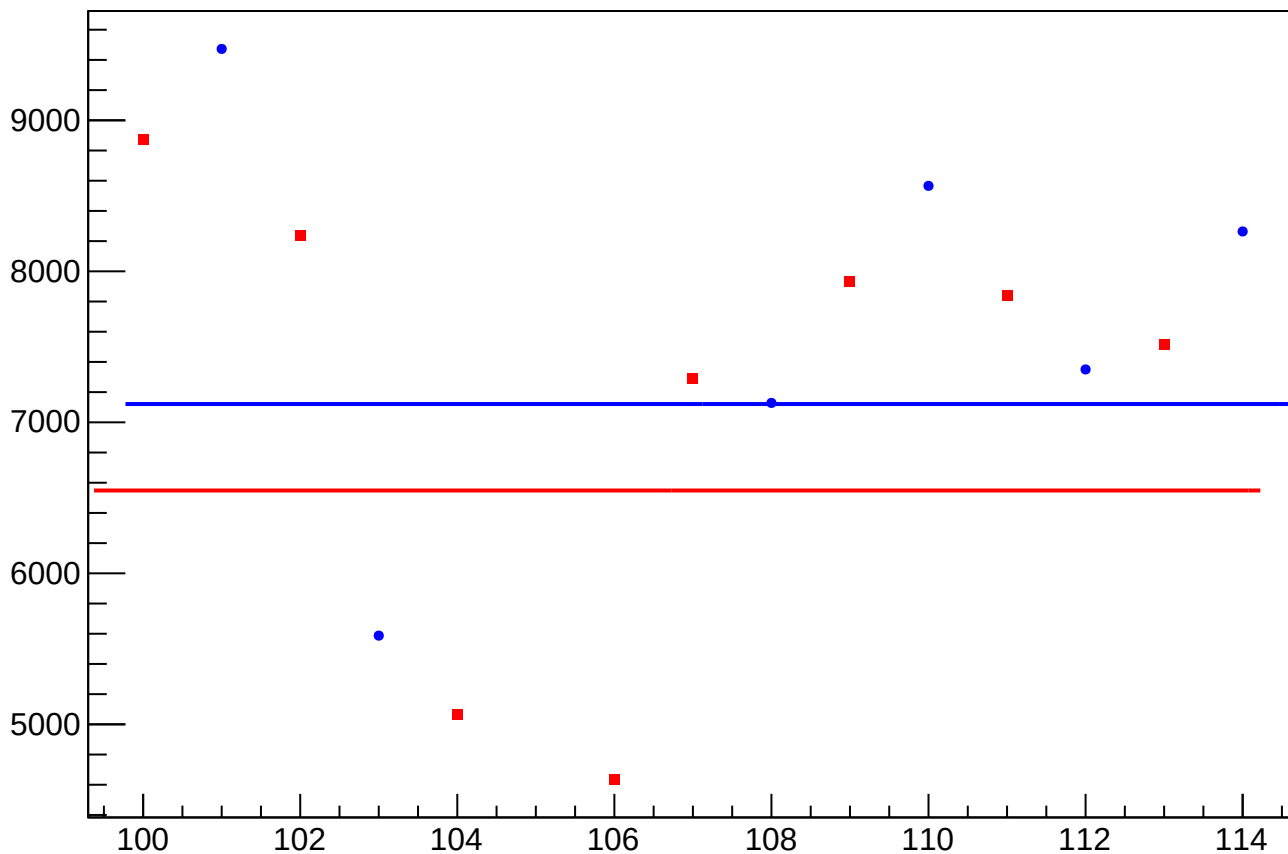
Right: 4444.977+/-2911.160 χ^2/NDF : 14.3/13

In: 8670.694+/-4480.772 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4444.977+/-2911.160 χ^2/NDF : 14.3/13

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

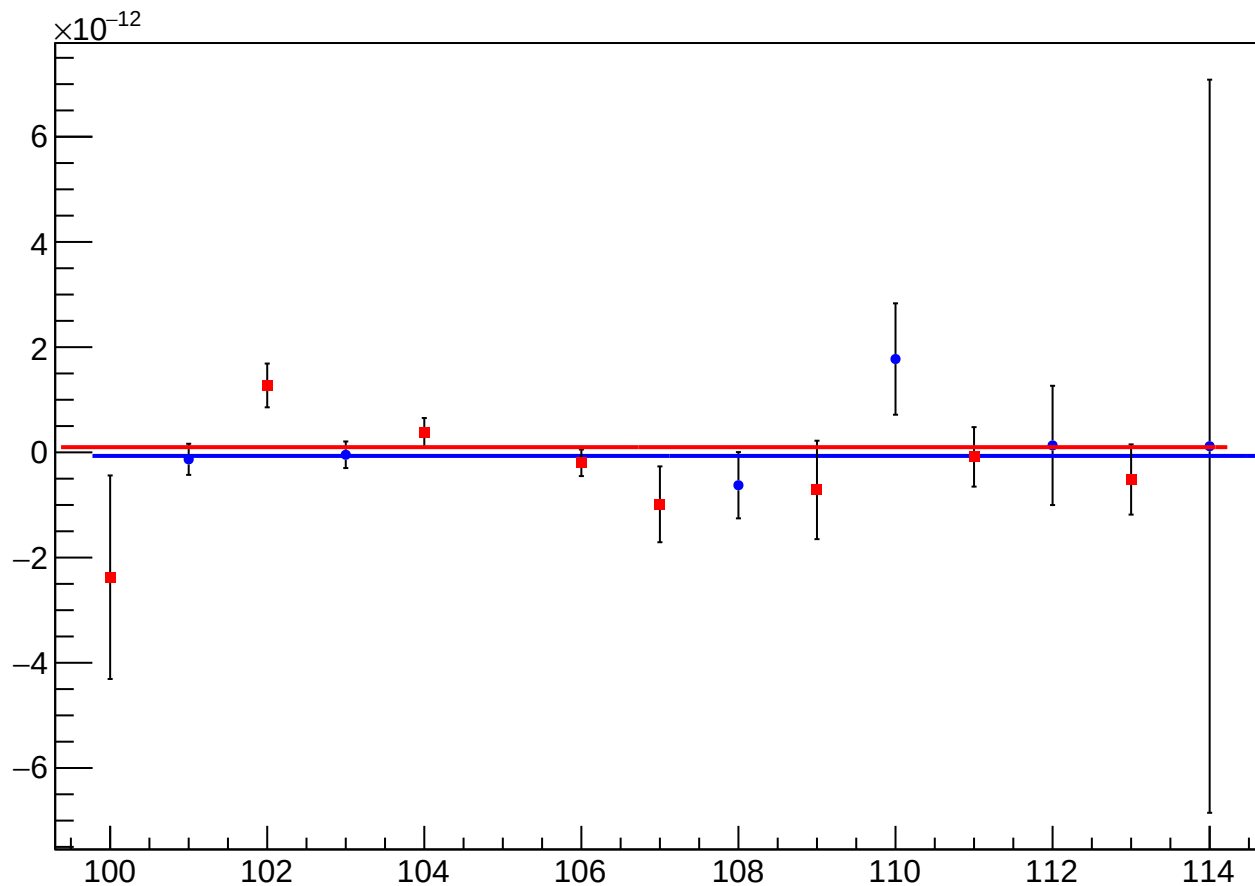
Right: 6790.198+/-2.058 χ^2/NDF : 512675.3/13

In: 7121.097+/-3.168 χ^2/NDF : 195640.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6790.198+/-2.058 χ^2/NDF : 512675.3/13

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

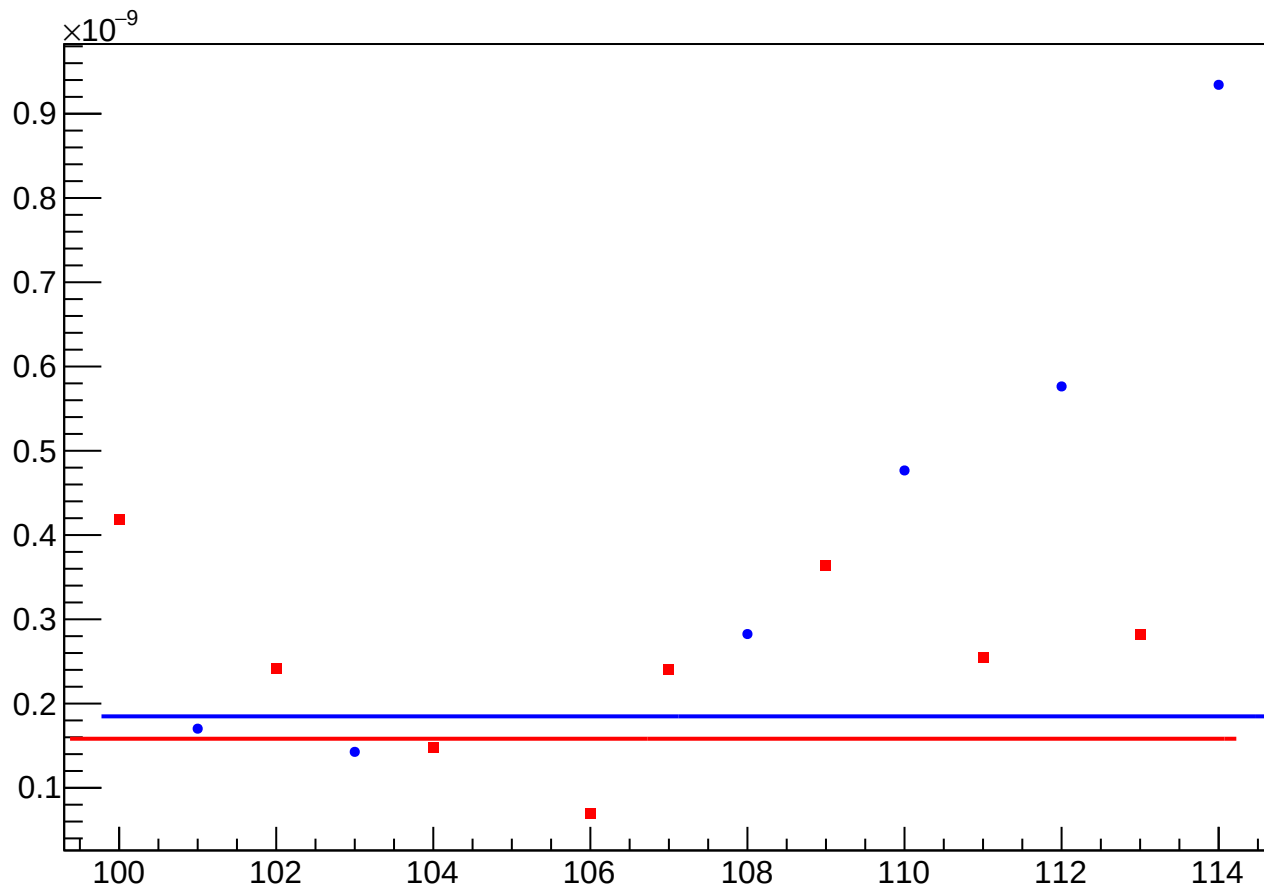
Right: 0.000+/-0.000 χ^2/NDF : 20.3/13

In: -0.000+/-0.000 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/13

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 522225.7/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 615993.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

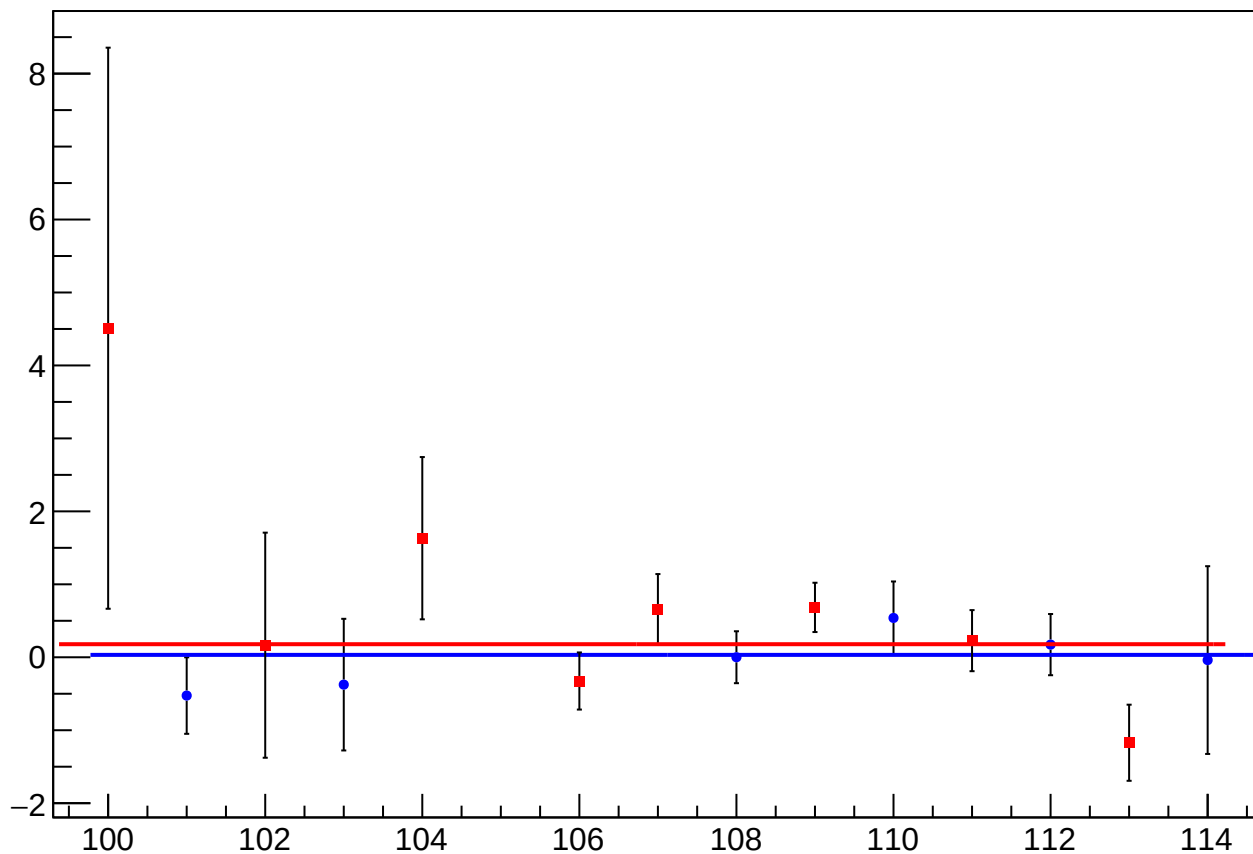
Right: 0.000+/-0.000 χ^2/NDF : 1163766.3/13

In: 0.000+/-0.000 χ^2/NDF : 522225.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1163766.3/13

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

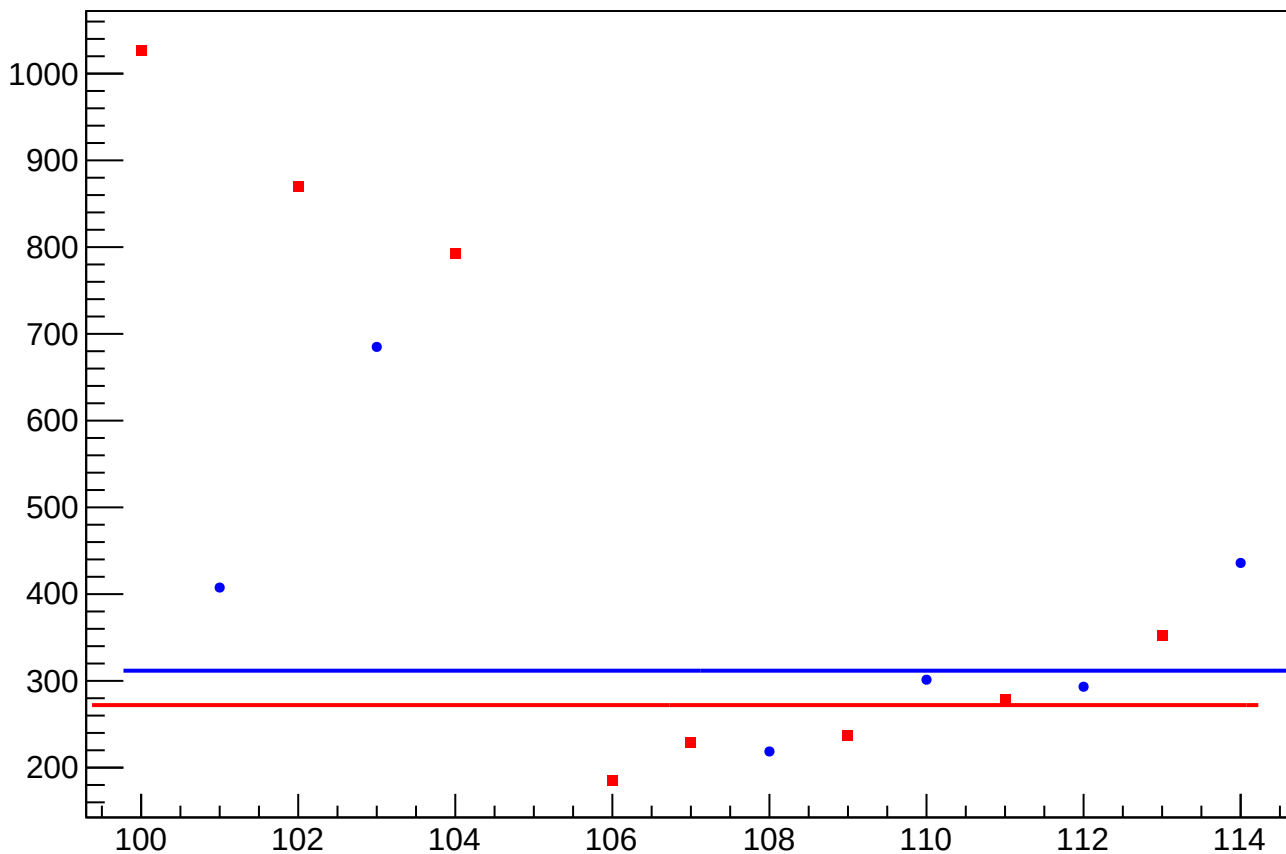
Right: 0.116+/-0.137 χ^2/NDF : 17.4/13

In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.137 χ^2/NDF : 17.4/13

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

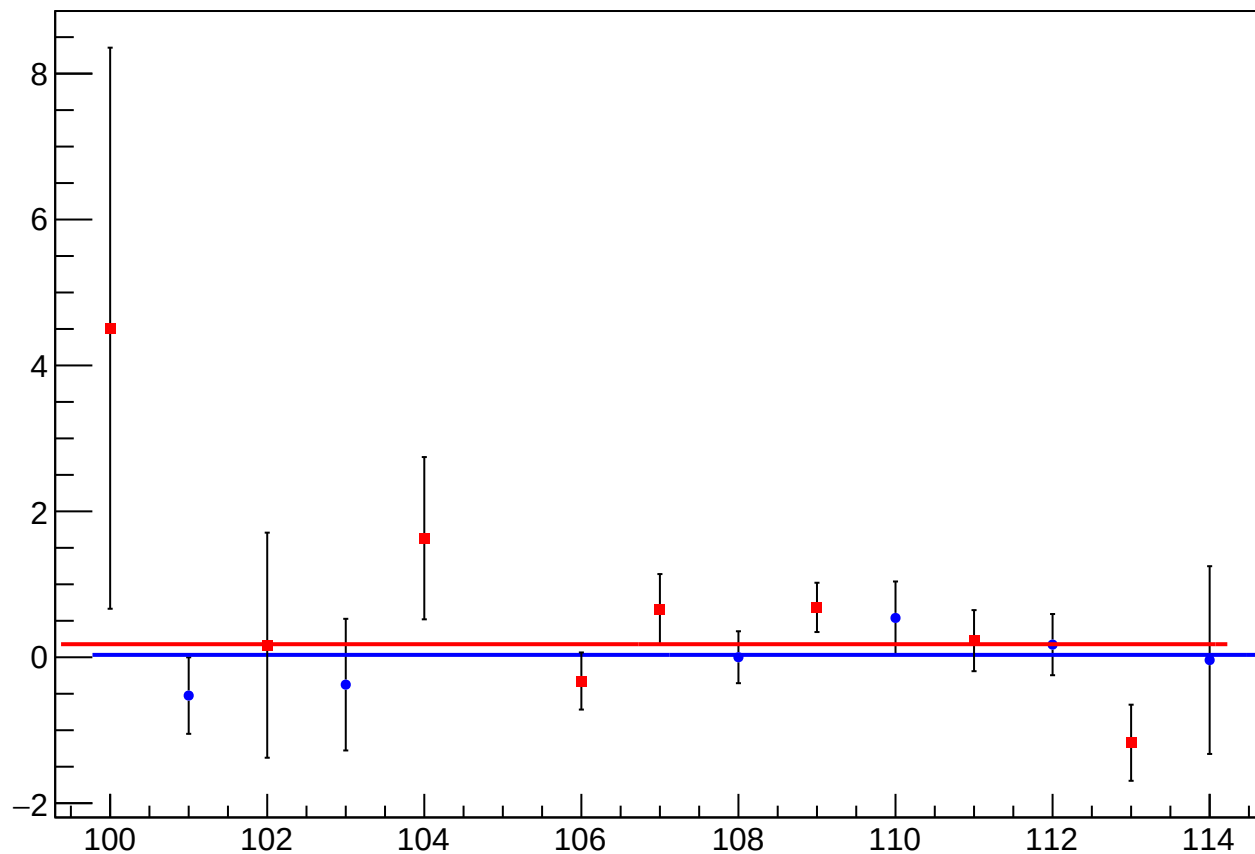
Right: 289.212+/-0.097 χ^2/NDF : 1610140.1/13

In: 311.753+/-0.147 χ^2/NDF :569388.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 289.212+/-0.097 χ^2/NDF : 1610140.1/13

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.208 χ^2/NDF : 2.5/5

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

Right Out: 0.179 $\pm$ 0.182 χ^2/NDF : 14.6/7

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

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

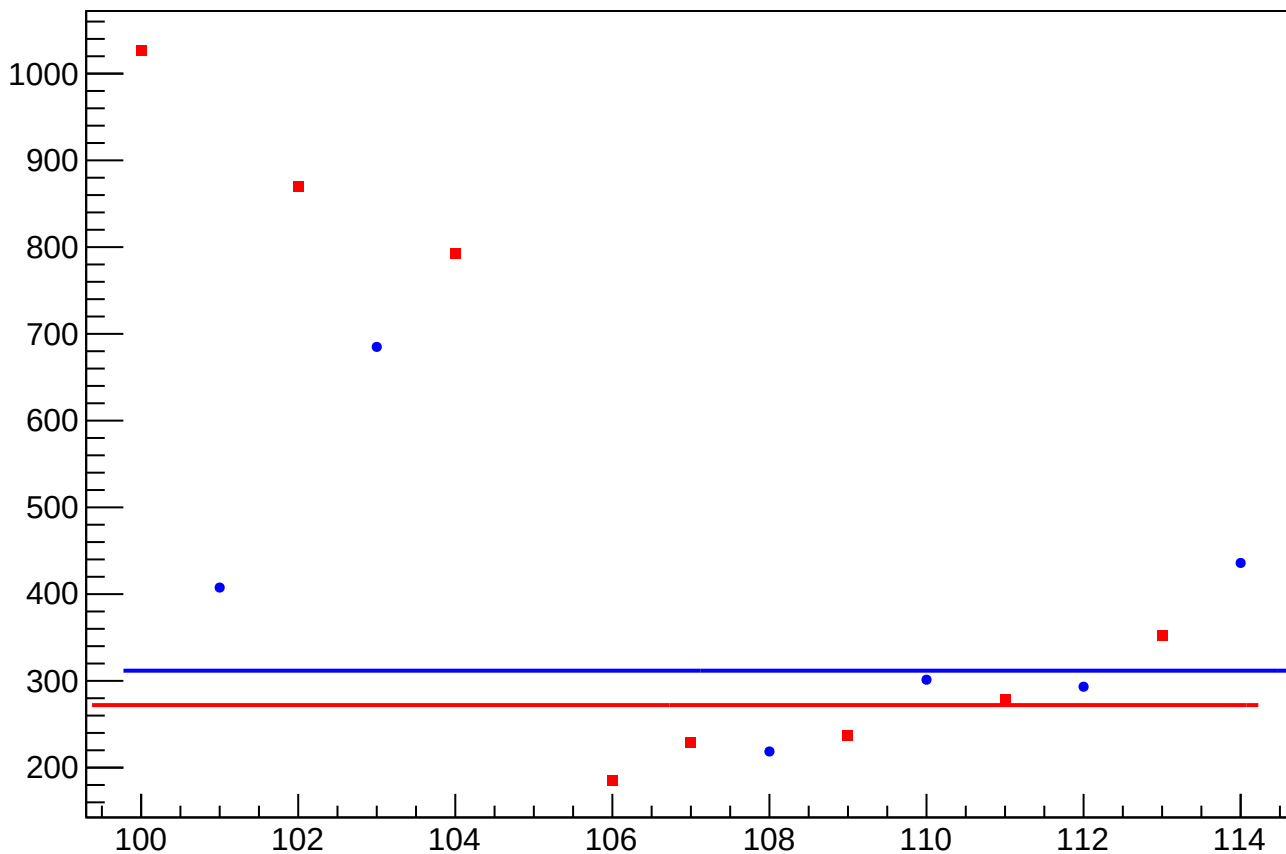
Right: 0.116 $\pm$ 0.137 χ^2/NDF : 17.4/13

In: 0.033 $\pm$ 0.208 χ^2/NDF : 2.5/5

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

All: 0.116 $\pm$ 0.137 χ^2/NDF : 17.4/13

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

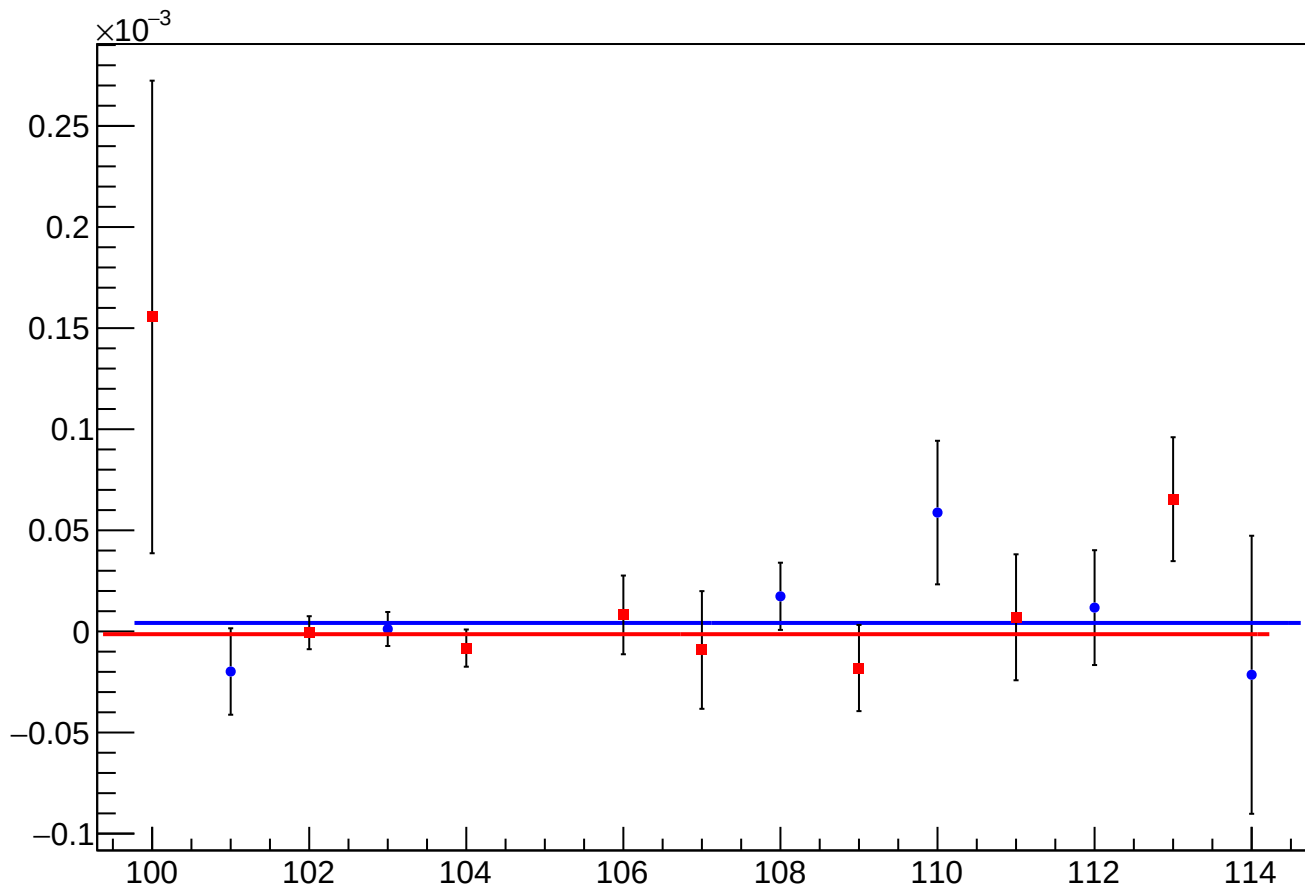
Right: 289.212+/-0.097 χ^2/NDF : 1610140.1/13

In: 311.753+/-0.147 χ^2/NDF : 569388.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.212+/-0.097 χ^2/NDF : 1610140.1/13

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 8.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

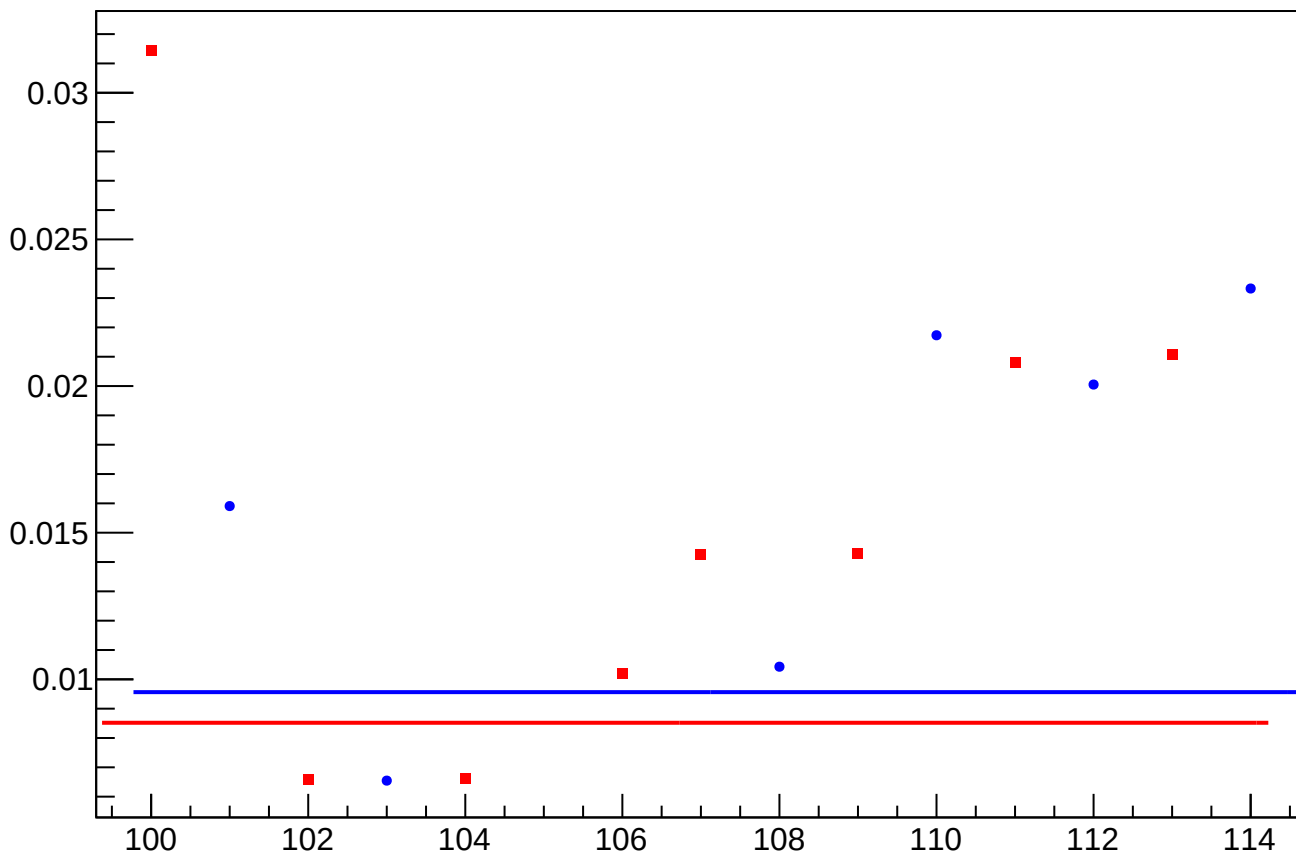
Right: 0.000+/-0.000 χ^2/NDF : 13.1/13

In: 0.000+/-0.000 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/13

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

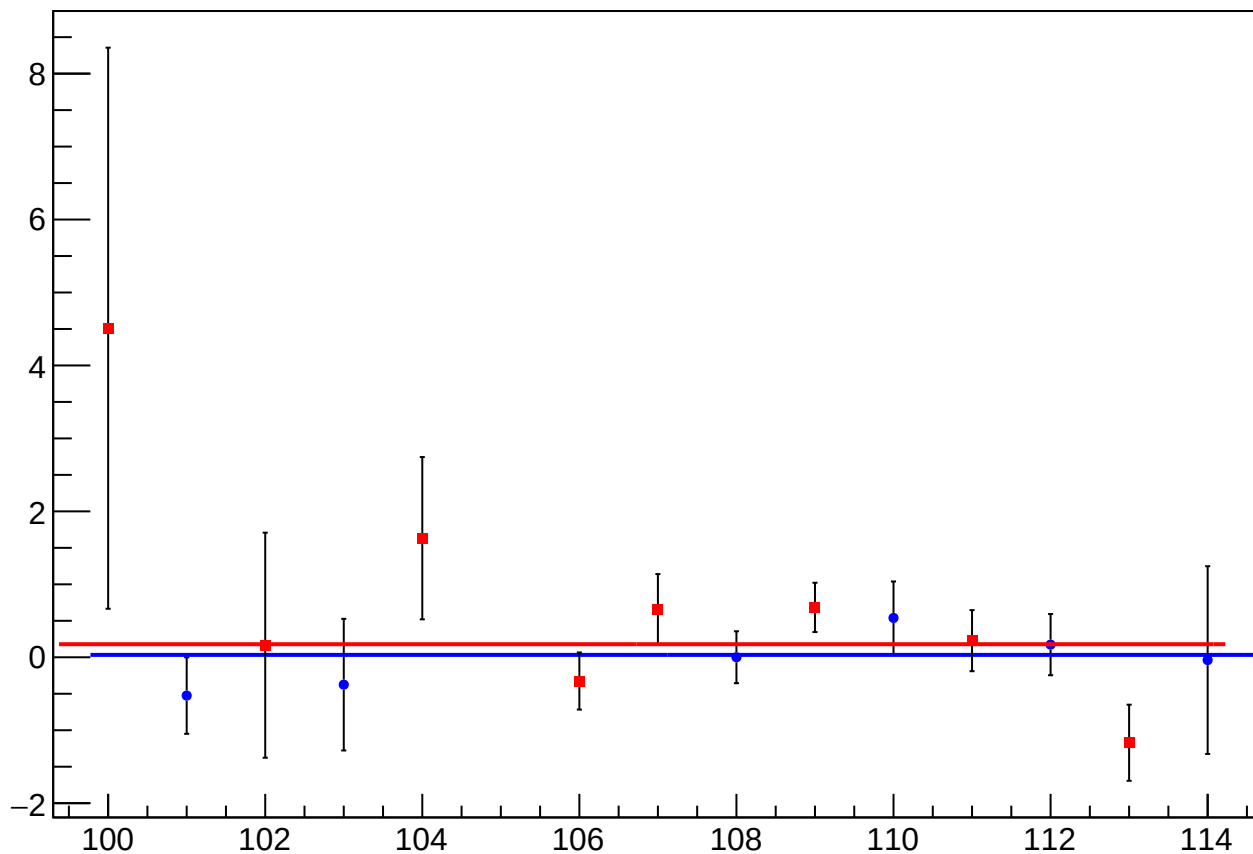
Right: 0.009+/-0.000 χ^2/NDF : 2219287.6/13

In: 0.010+/-0.000 χ^2/NDF : 1026611.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 2219287.6/13

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

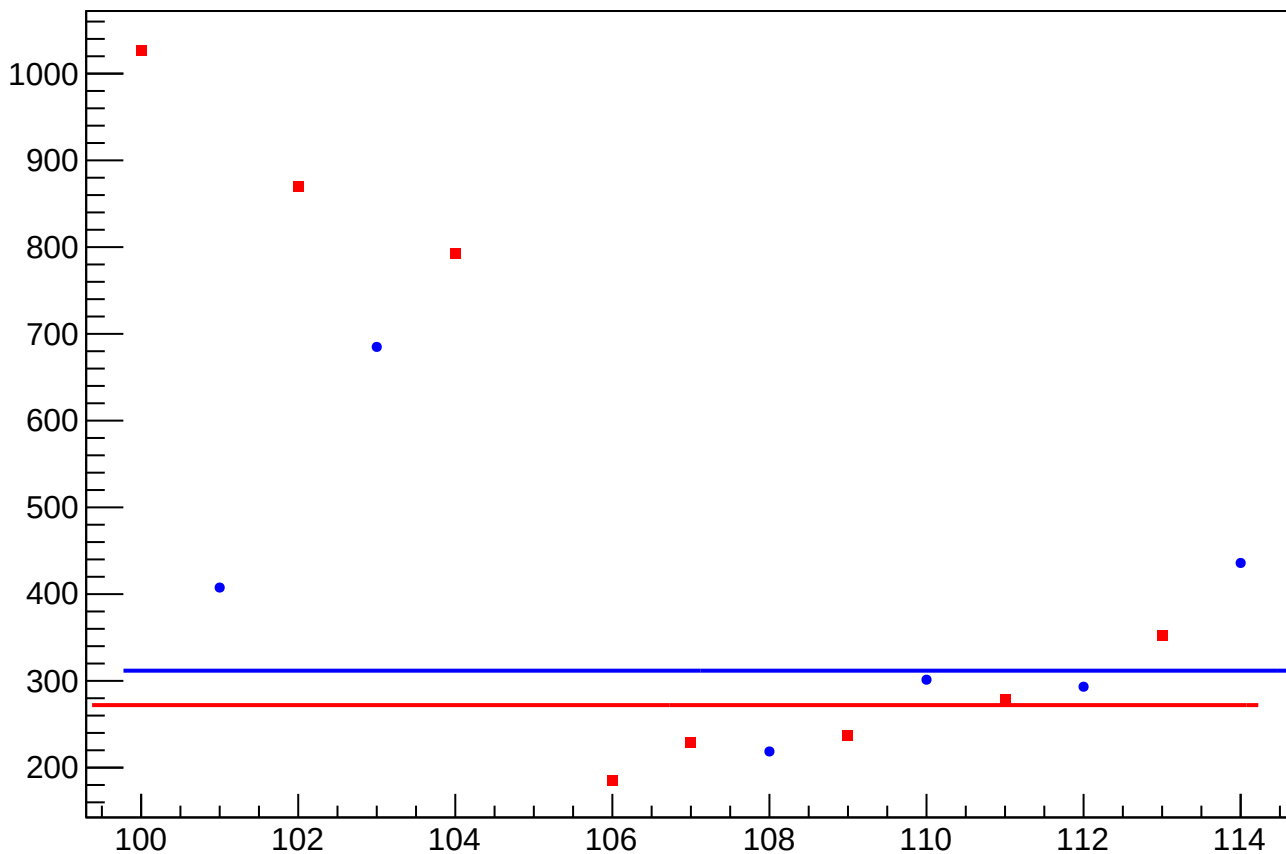
Right: 0.116+/-0.137 χ^2/NDF : 17.4/13

In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.137 χ^2/NDF : 17.4/13

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

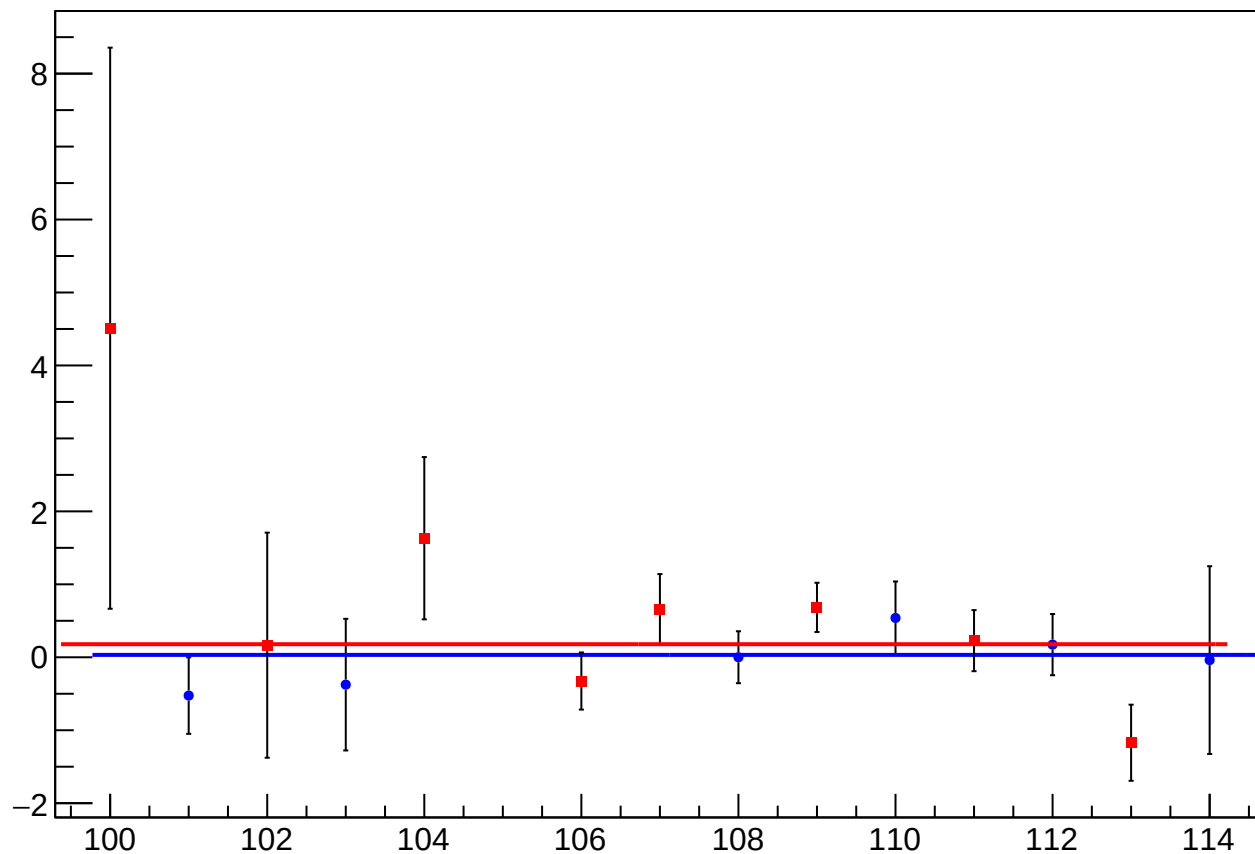
Right: 289.215+/-0.097 χ^2/NDF : 1610110.7/13

In: 311.758+/-0.147 χ^2/NDF :569358.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 289.215+/-0.097 χ^2/NDF : 1610110.7/13

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

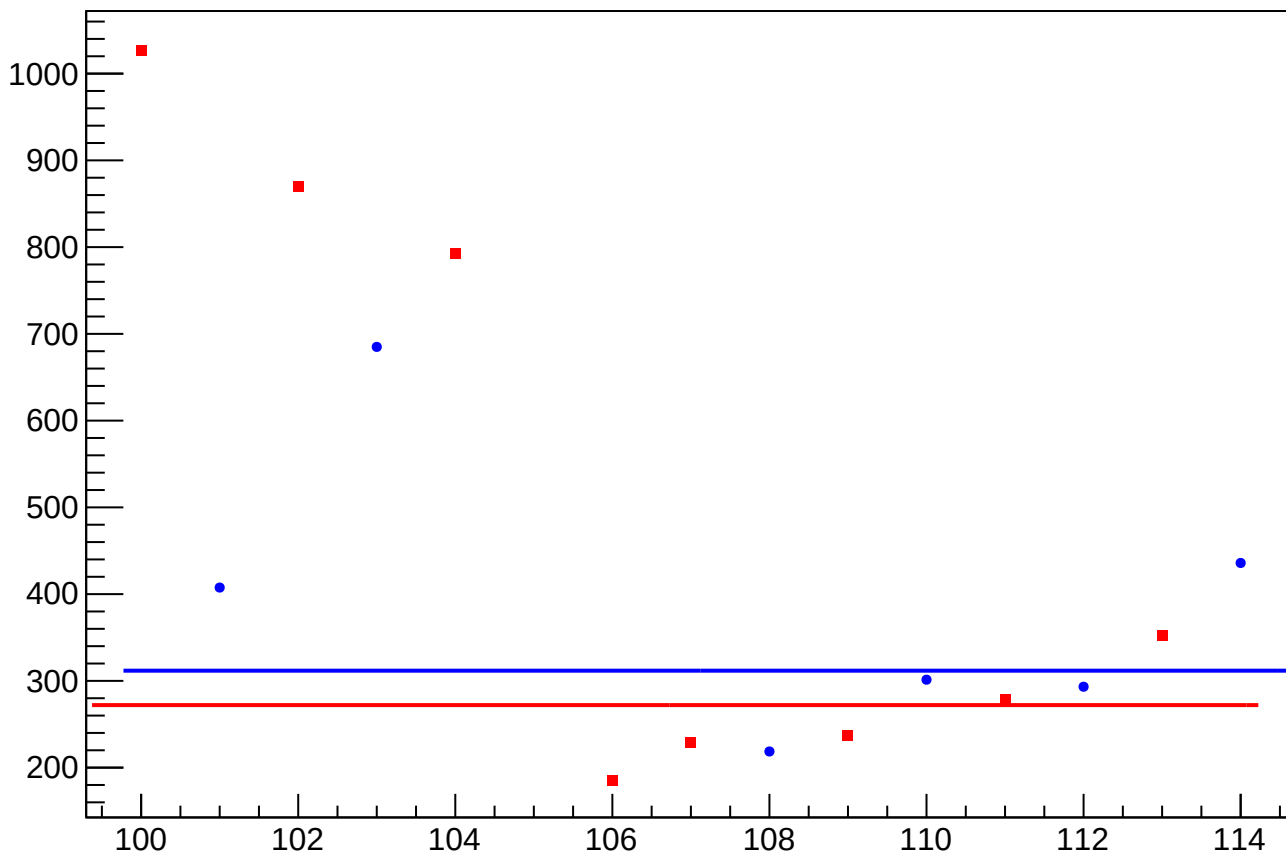
Right: 0.116+/-0.137 χ^2/NDF : 17.4/13

In: 0.033+/-0.208 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.137 χ^2/NDF : 17.4/13

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

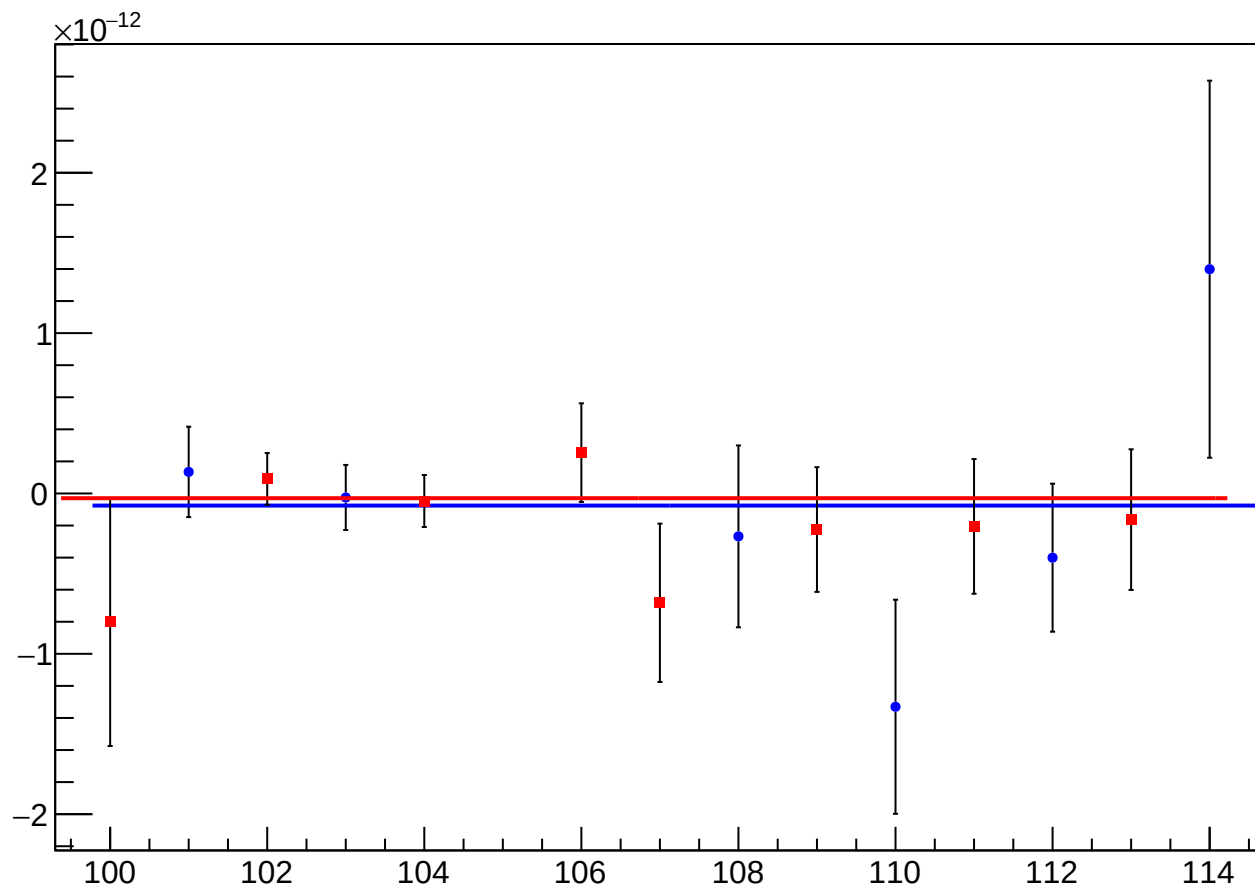
Right: 289.215+/-0.097 χ^2/NDF : 1610110.7/13

In: 311.758+/-0.147 χ^2/NDF : 569358.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.215+/-0.097 χ^2/NDF : 1610110.7/13

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

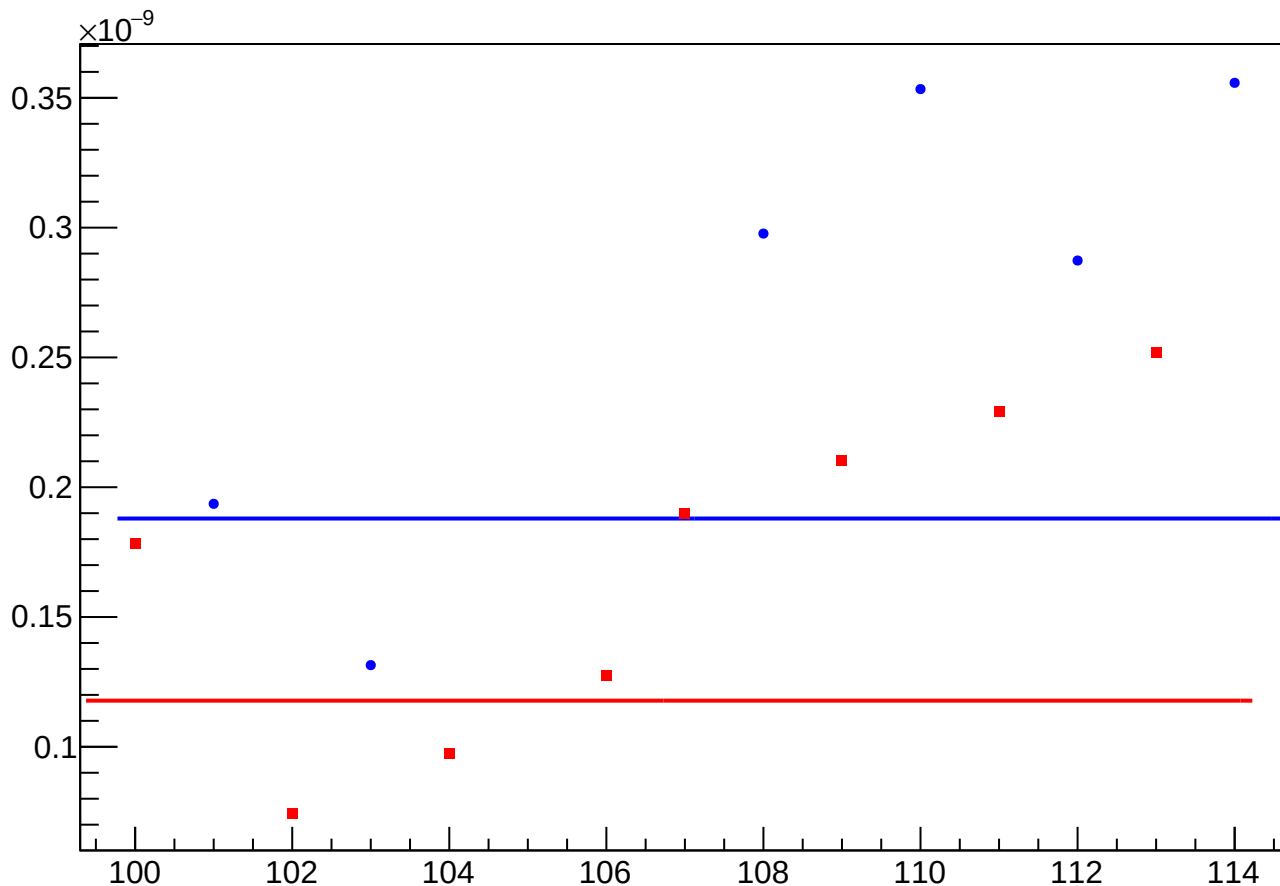
Right: -0.000+/-0.000 χ^2/NDF : 11.1/13

In: -0.000+/-0.000 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/13

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

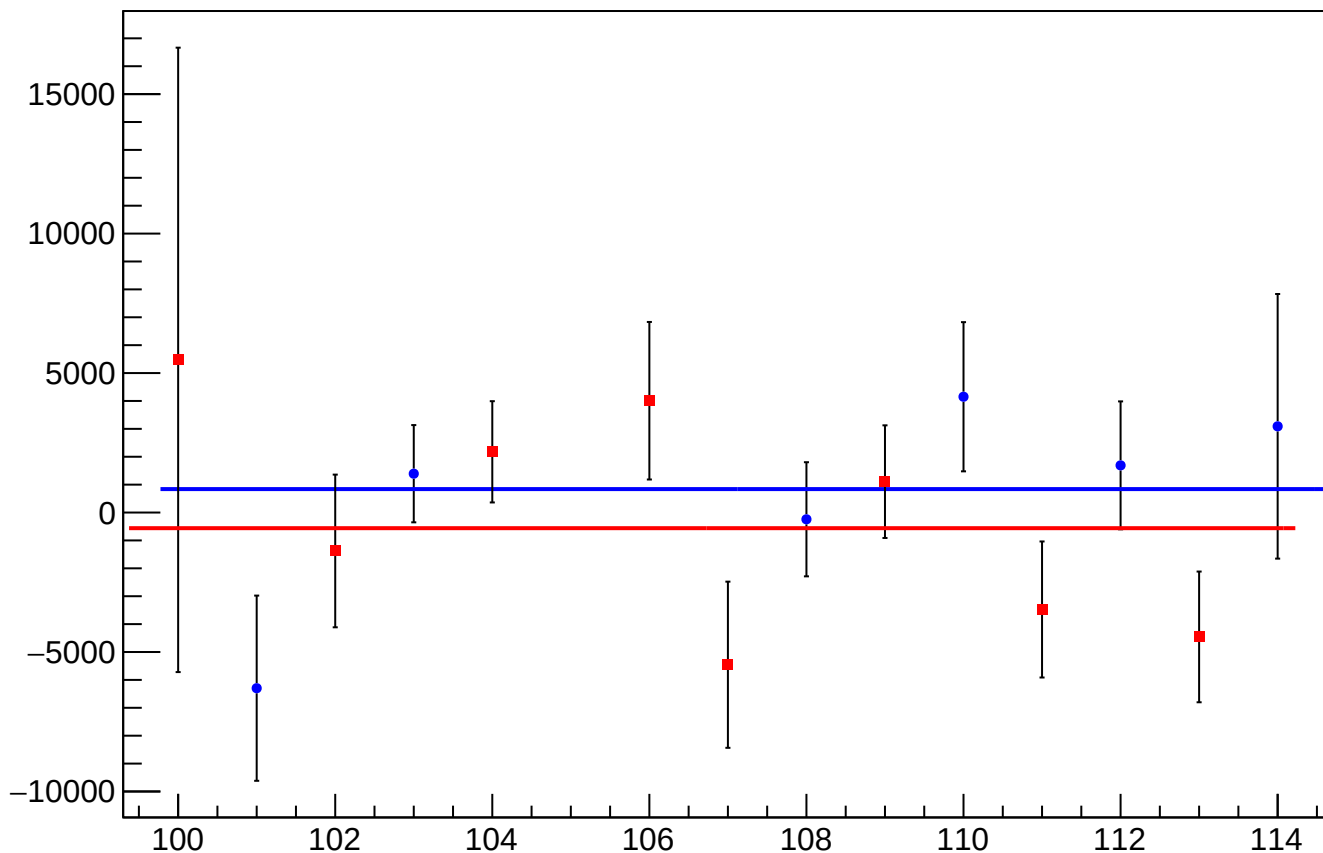
Right: 0.000+/-0.000 χ^2/NDF : 1489022.1/13

In: 0.000+/-0.000 χ^2/NDF : 487172.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1489022.1/13

reg_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

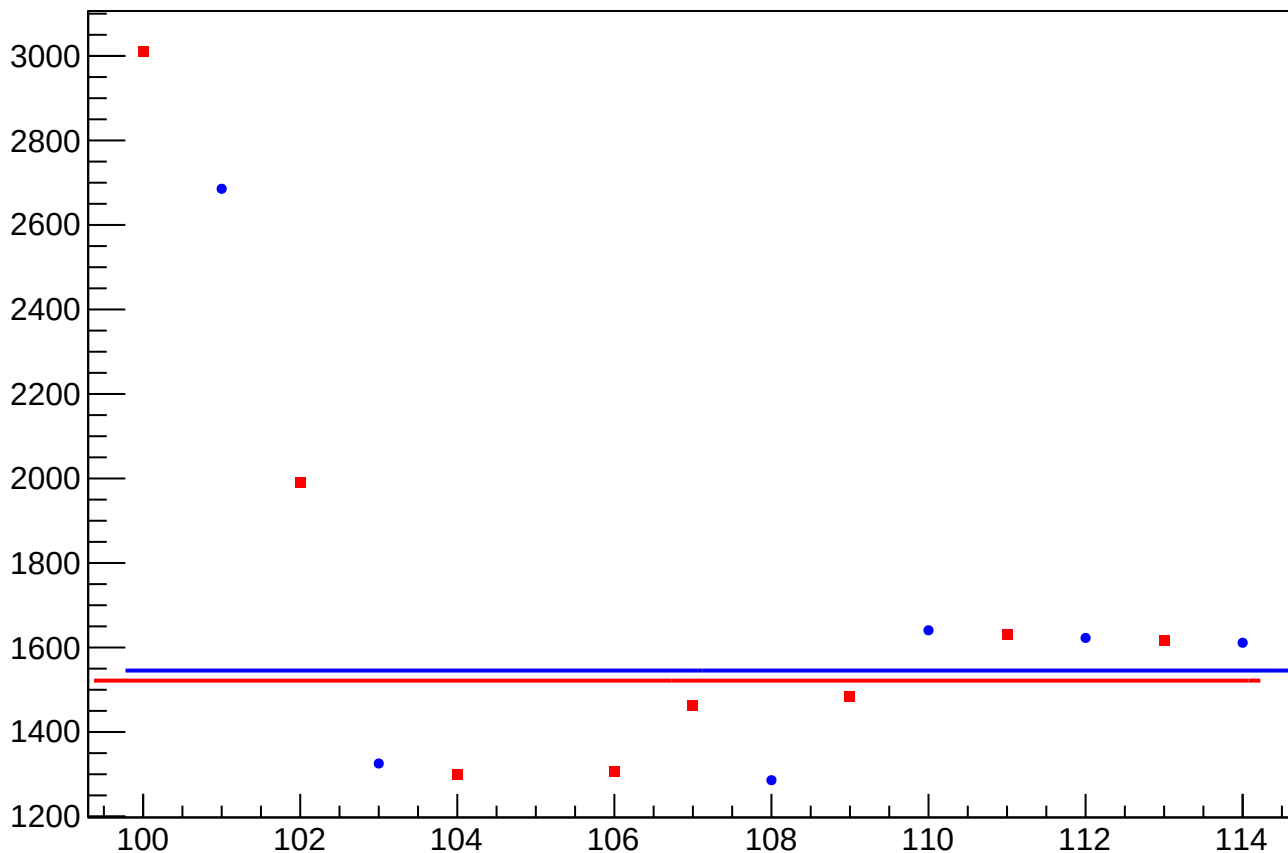
Right: 65.547+/-657.670 χ^2/NDF : 20.9/13

In: 840.594+/-983.791 χ^2/NDF :6.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65.547+/-657.670 χ^2/NDF : 20.9/13

reg_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

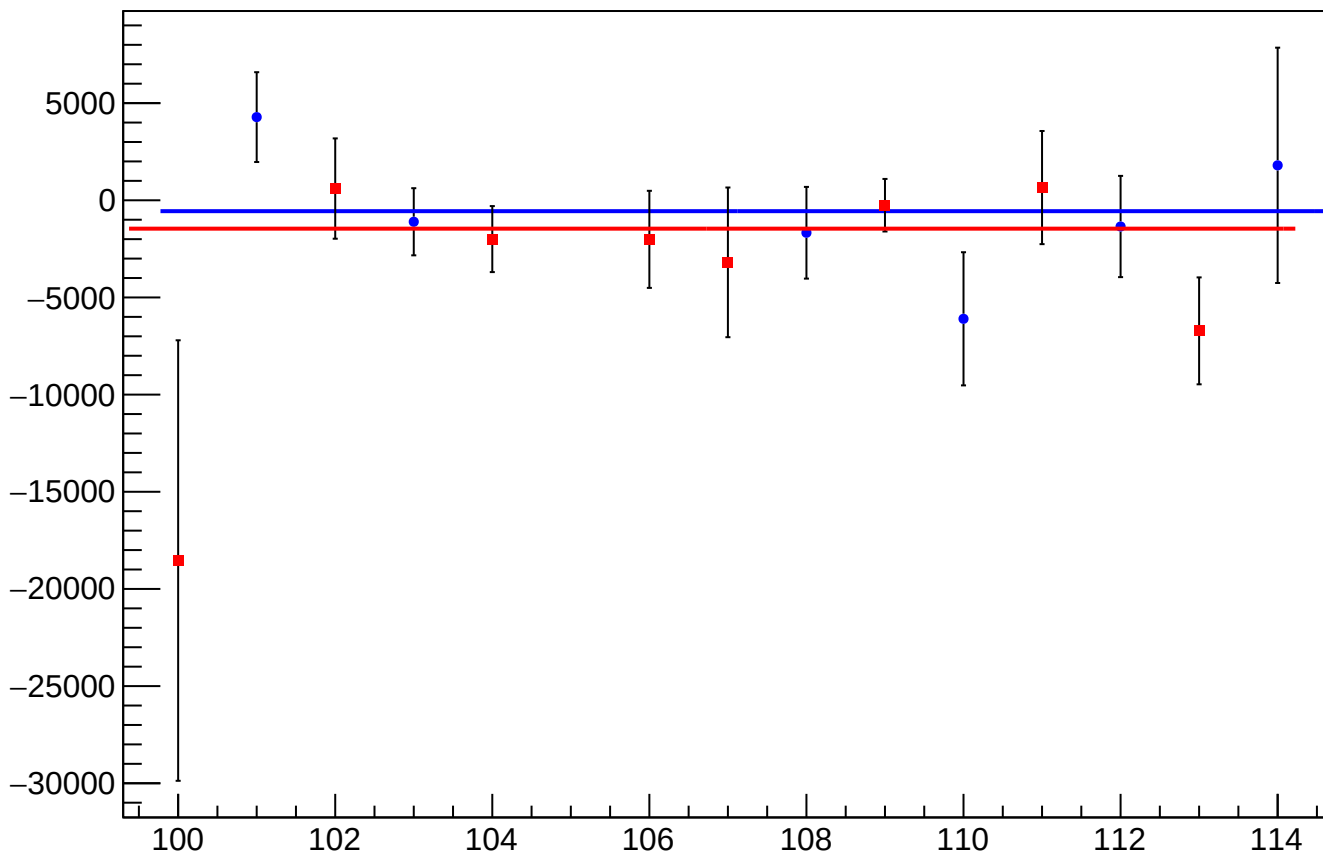
Right: 1532.292 $\pm$ 0.465 χ^2 /NDF: 449690.8/13

In: 1545.442 $\pm$ 0.696 χ^2 /NDF:305119.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1532.292 $\pm$ 0.465 χ^2 /NDF: 449690.8/13

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

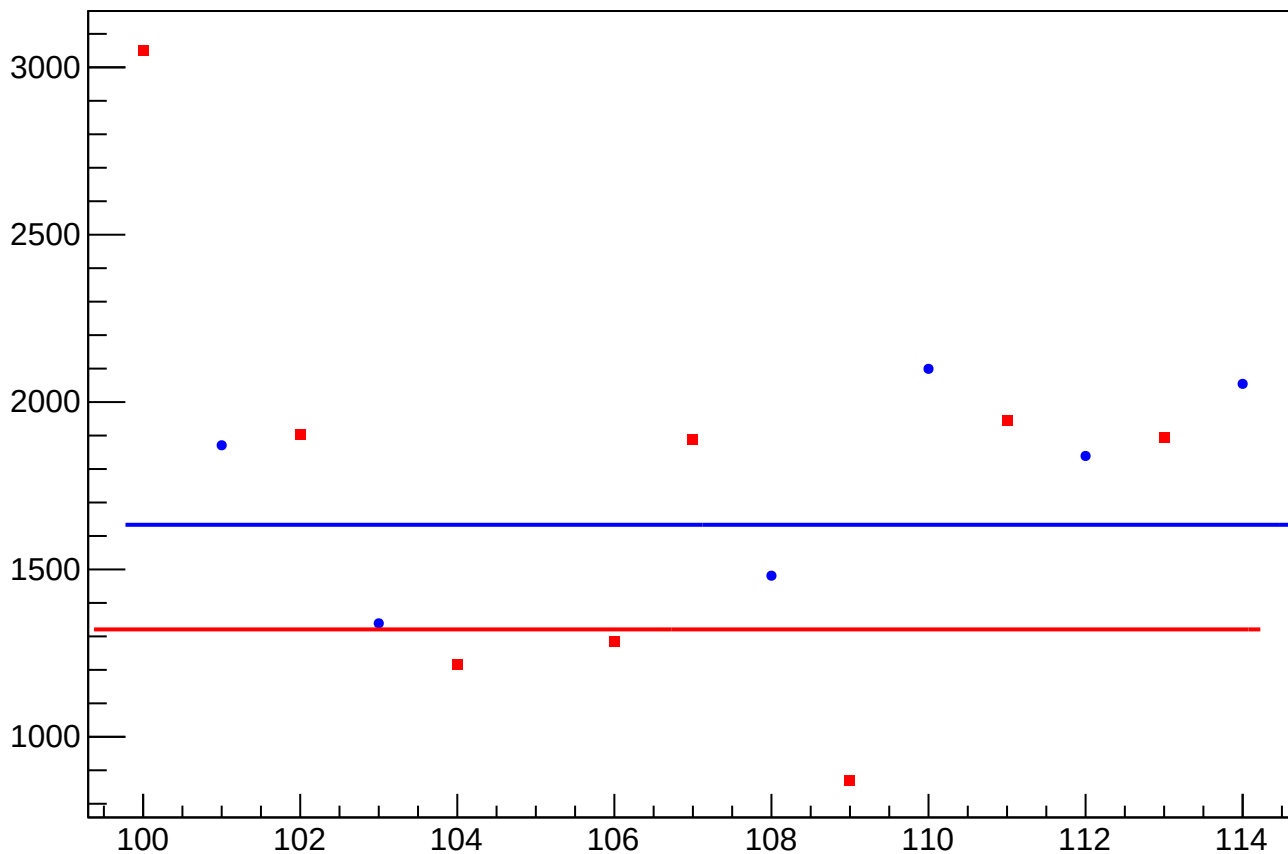
Right: -1112.272+/-633.617 χ^2/NDF : 16.3/13

In: -559.688+/-1019.746 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1112.272+/-633.617 χ^2/NDF : 16.3/13

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1633.412+/-0.721 χ^2/NDF : 146648.6/5

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

Right Out: 1320.863+/-0.572 χ^2/NDF : 601538.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

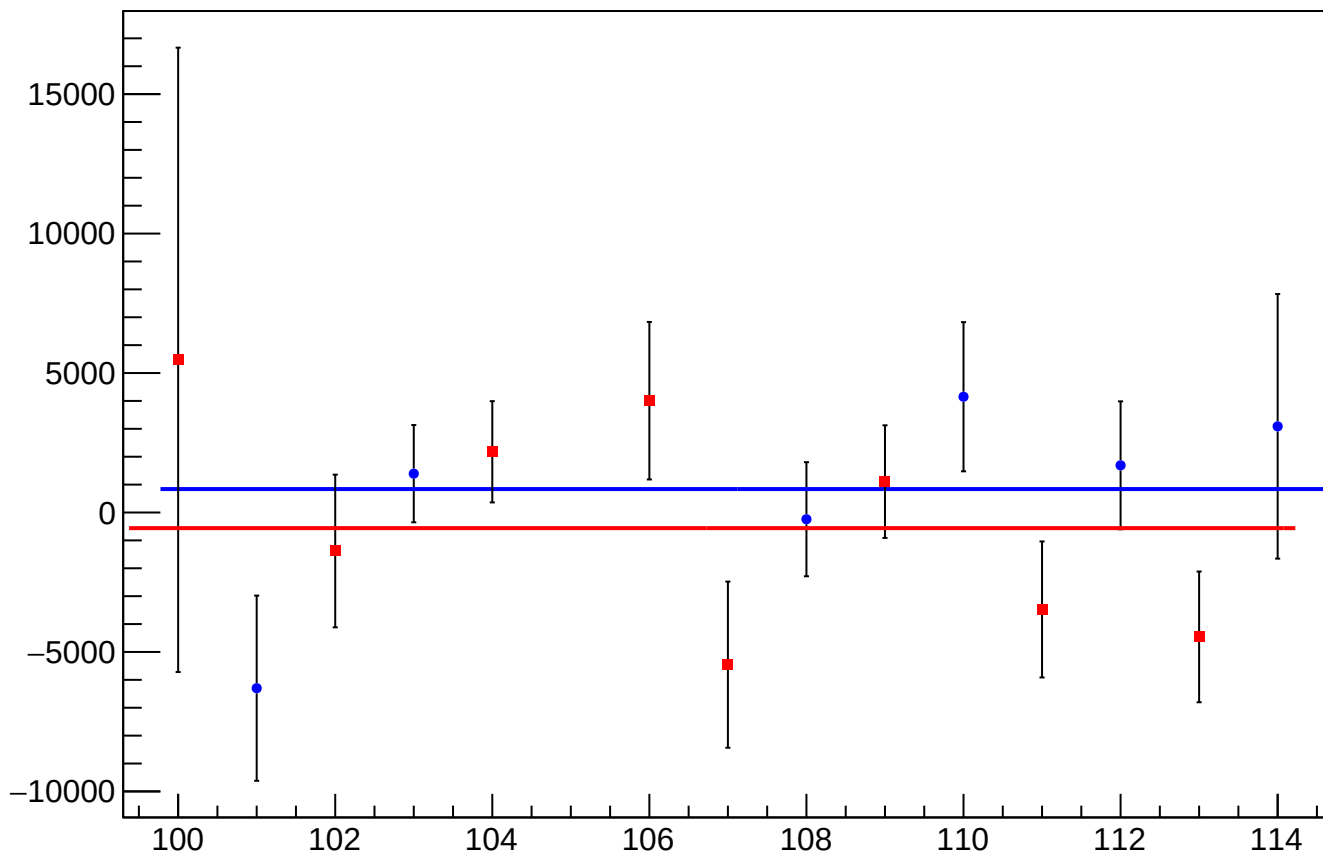
Right: 1441.530+/-0.448 χ^2/NDF : 863532.6/13

In: 1633.412+/-0.721 χ^2/NDF : 146648.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1441.530+/-0.448 χ^2/NDF : 863532.6/13

cor_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

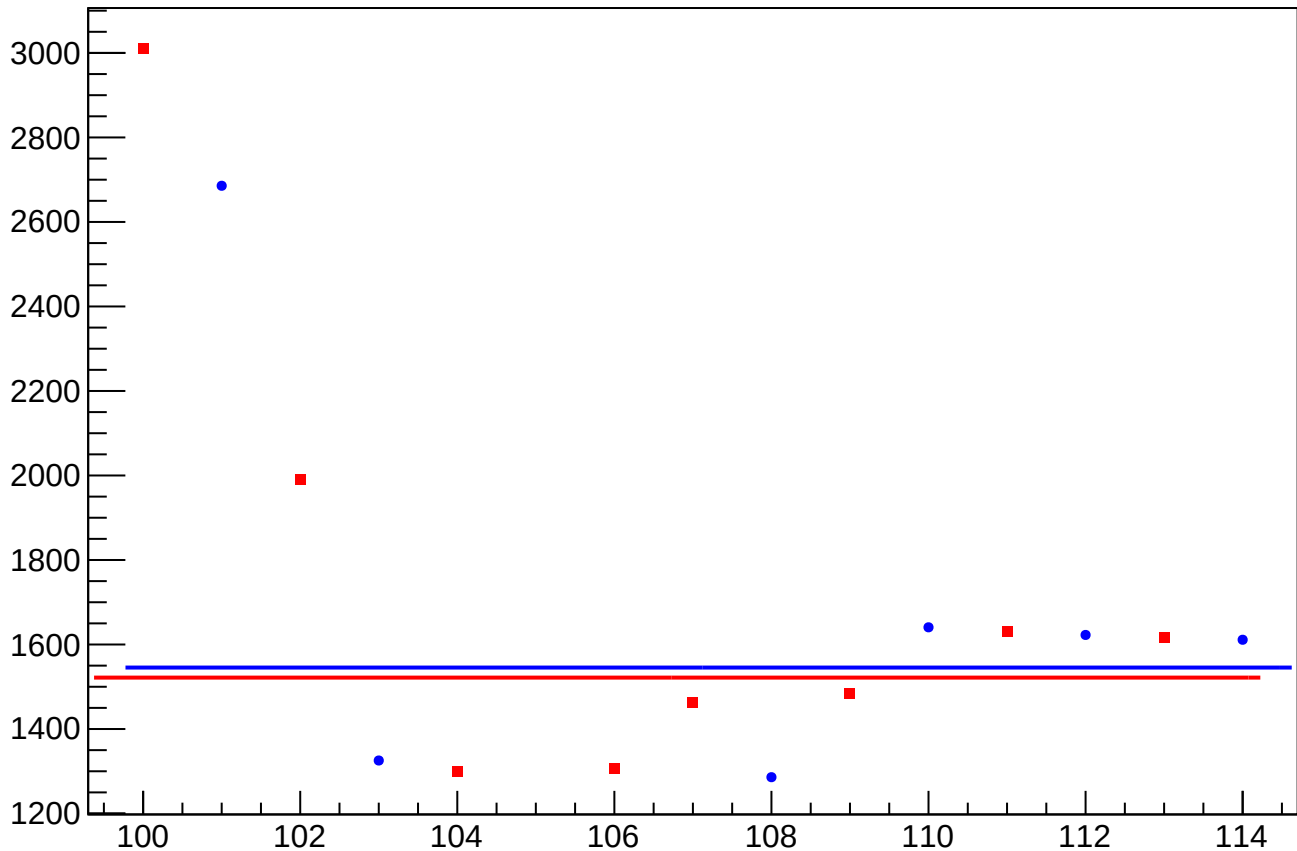
Right: 65.083+/-657.670 χ^2/NDF : 20.9/13

In: 840.226+/-983.792 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.083+/-657.670 χ^2/NDF : 20.9/13

cor_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

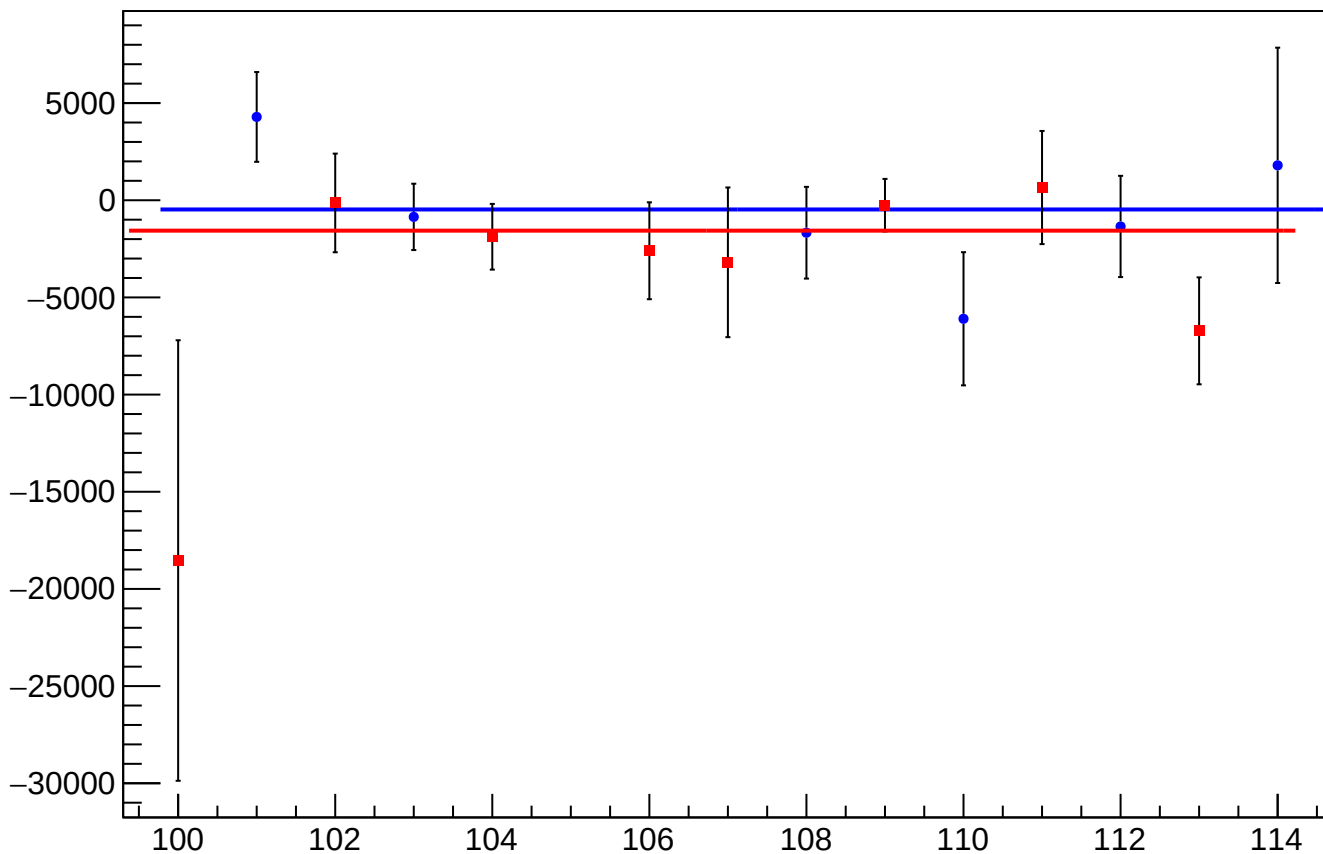
Right: 1532.291+/-0.465 χ^2/NDF : 449690.7/13

In: 1545.441+/-0.696 χ^2/NDF : 305119.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.291+/-0.465 χ^2/NDF : 449690.7/13

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

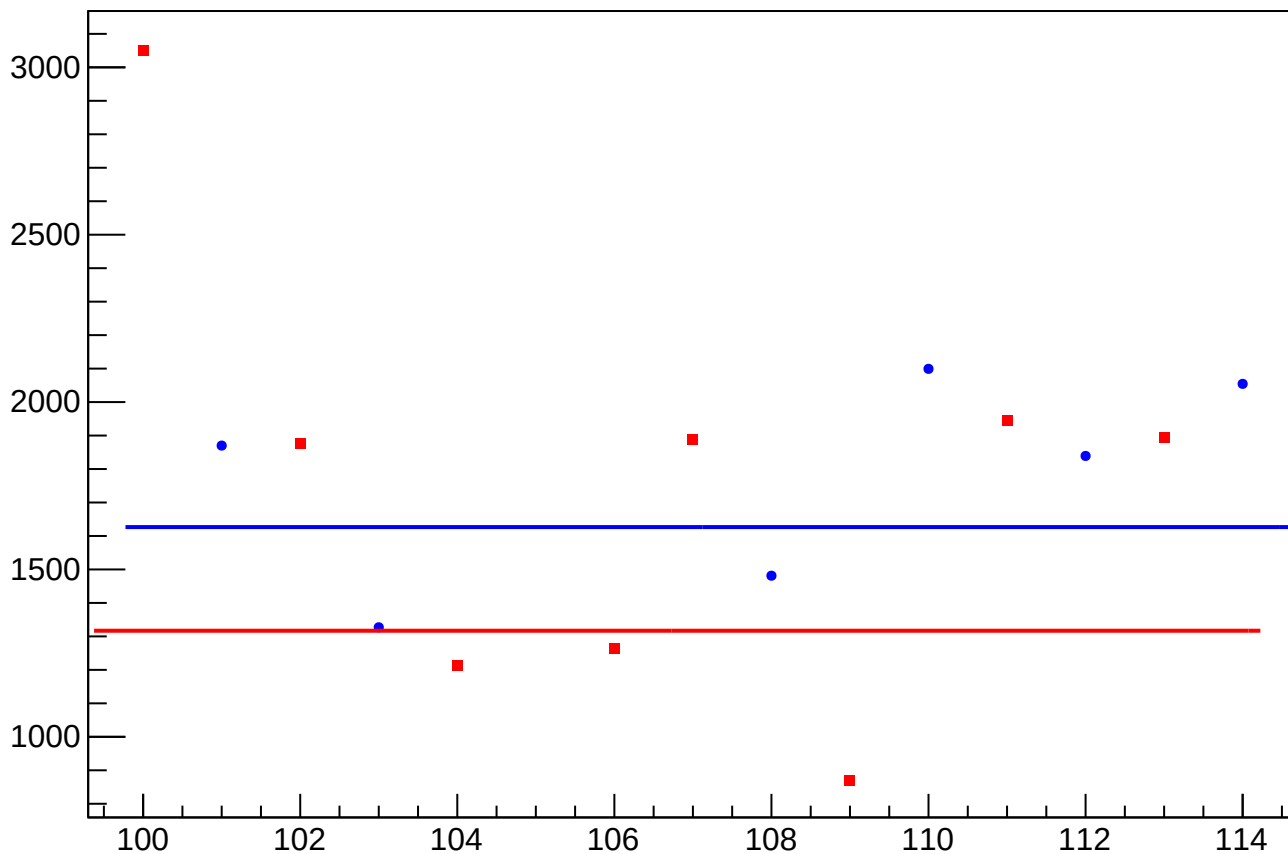
Right: -1142.674+/-631.410 χ^2/NDF : 16.2/13

In: -474.073+/-1015.259 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1142.674+/-631.410 χ^2/NDF : 16.2/13

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1626.565+/-0.718 χ^2/NDF : 152714.9/5

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

Right Out: 1316.927+/-0.570 χ^2/NDF : 595745.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

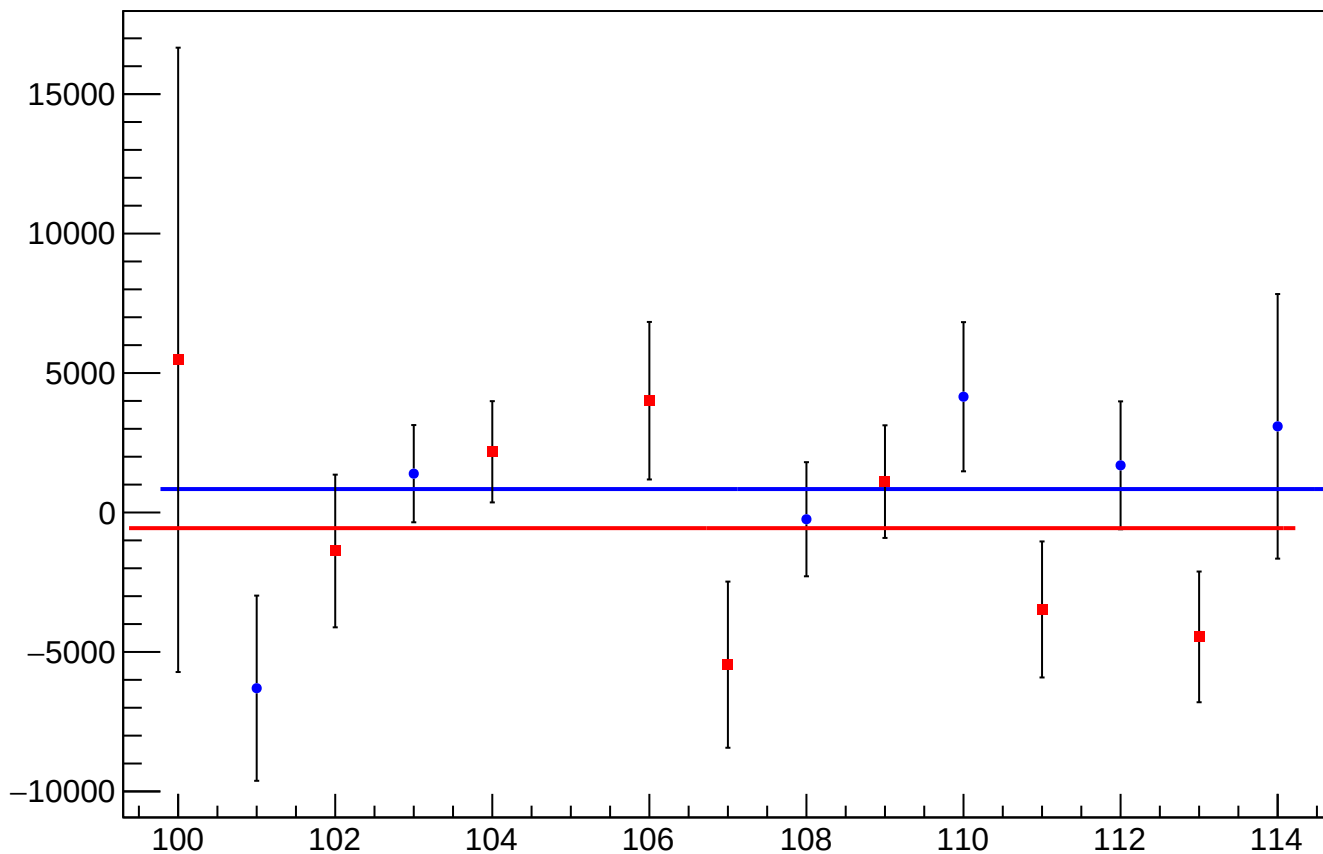
Right: 1436.690+/-0.446 χ^2/NDF : 862537.2/13

In: 1626.565+/-0.718 χ^2/NDF :152714.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1436.690+/-0.446 χ^2/NDF : 862537.2/13

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

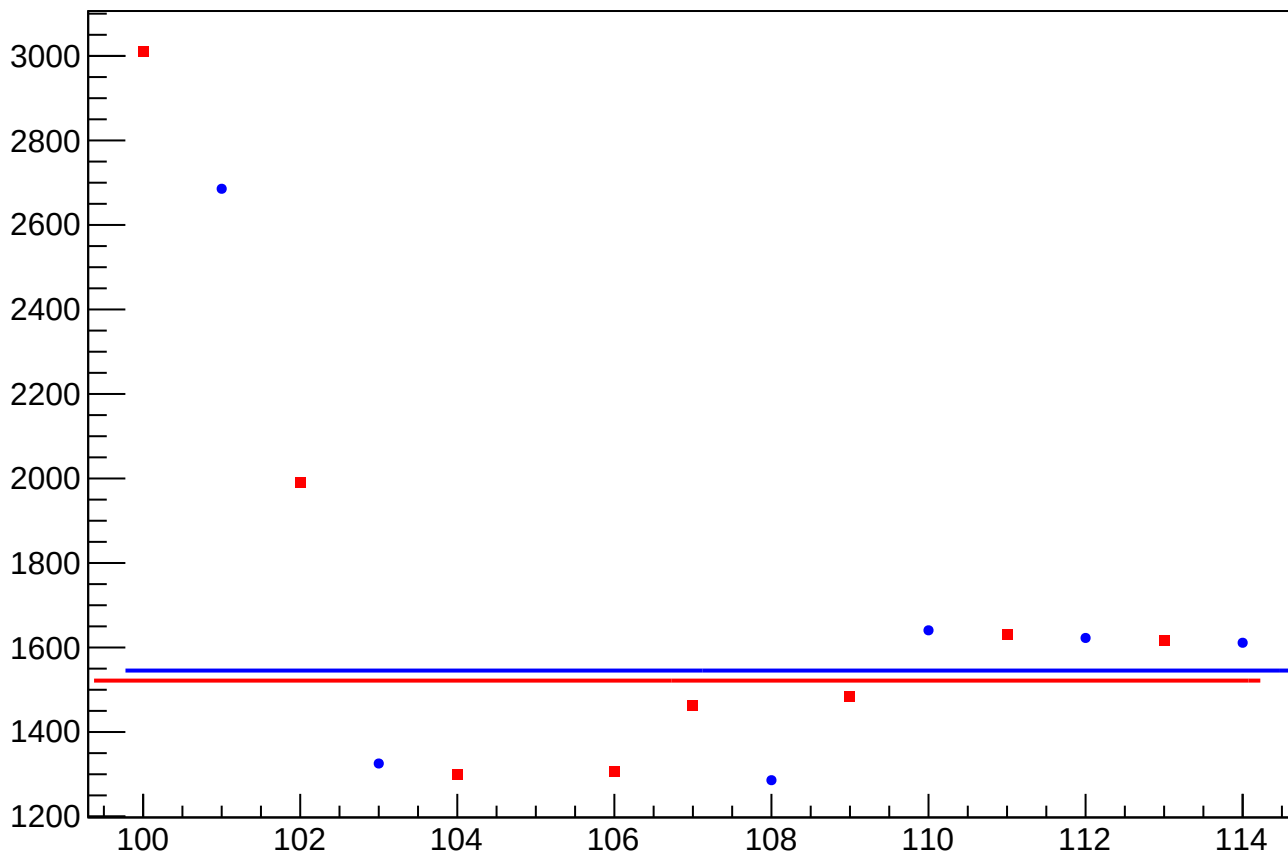
Right: 65.083+/-657.670 χ^2/NDF : 20.9/13

In: 840.226+/-983.792 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.083+/-657.670 χ^2/NDF : 20.9/13

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

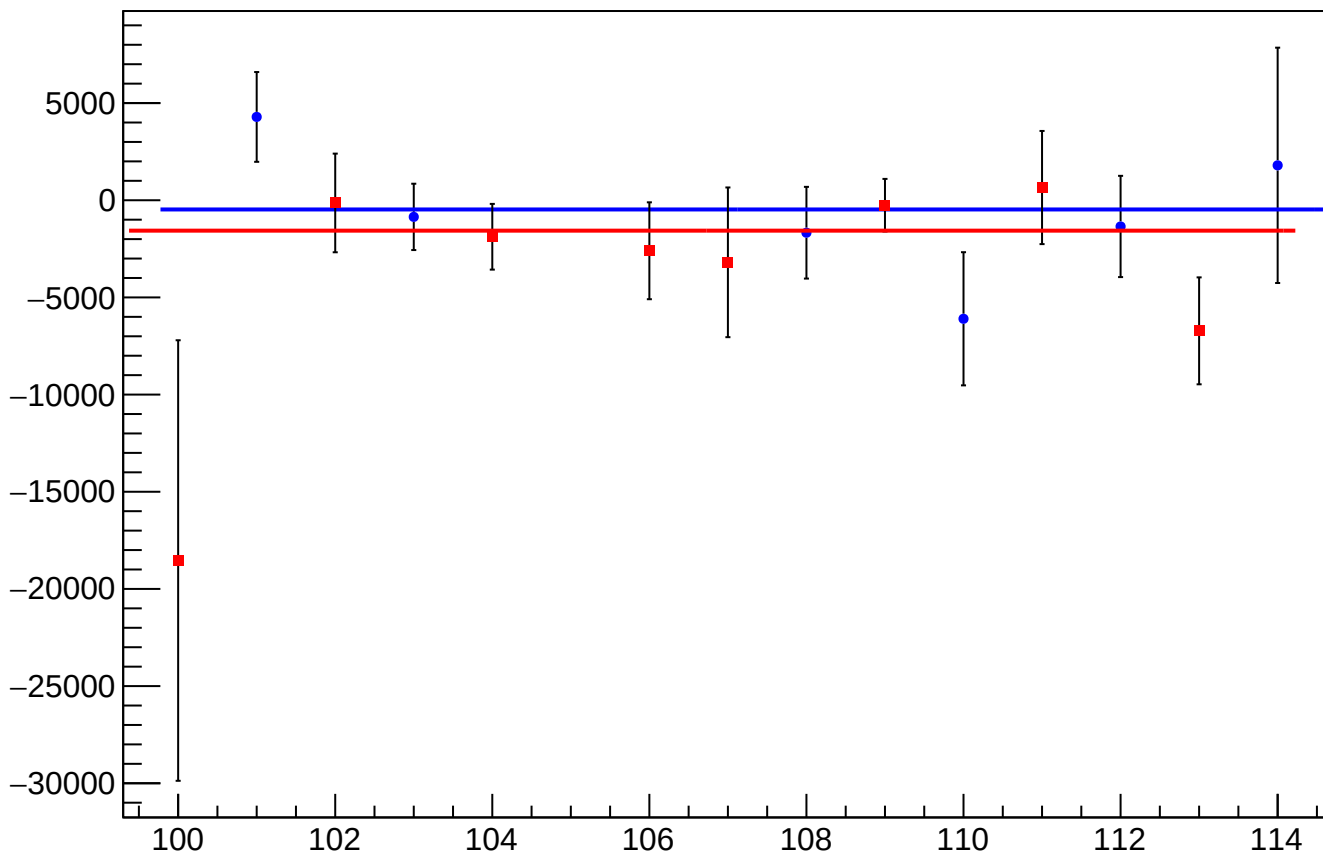
Right: 1532.291+/-0.465 χ^2/NDF : 449690.7/13

In: 1545.441+/-0.696 χ^2/NDF : 305119.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.291+/-0.465 χ^2/NDF : 449690.7/13

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

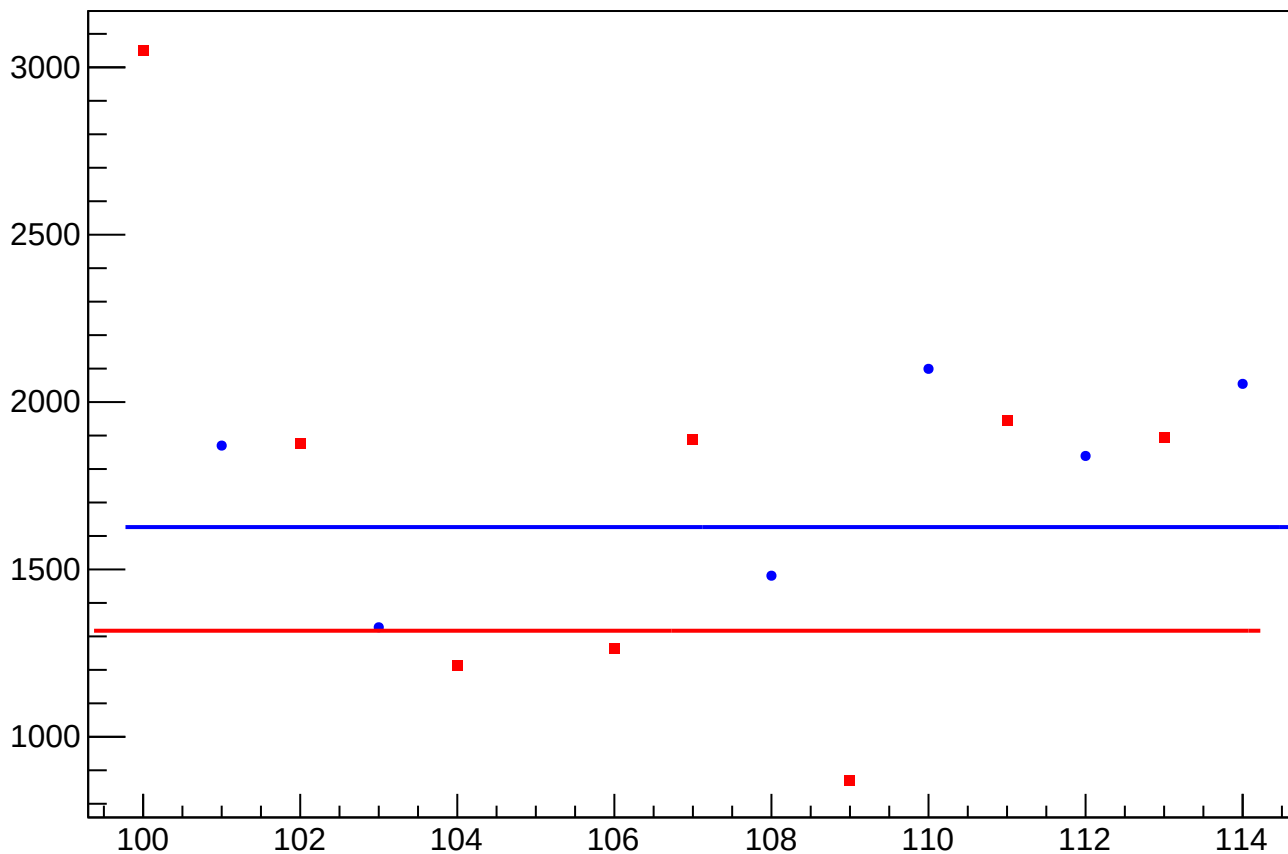
Right: -1142.674+/-631.410 χ^2/NDF : 16.2/13

In: -474.073+/-1015.259 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1142.674+/-631.410 χ^2/NDF : 16.2/13

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1626.565+/-0.718 χ^2/NDF : 152714.9/5

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

Right Out: 1316.927+/-0.570 χ^2/NDF : 595745.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

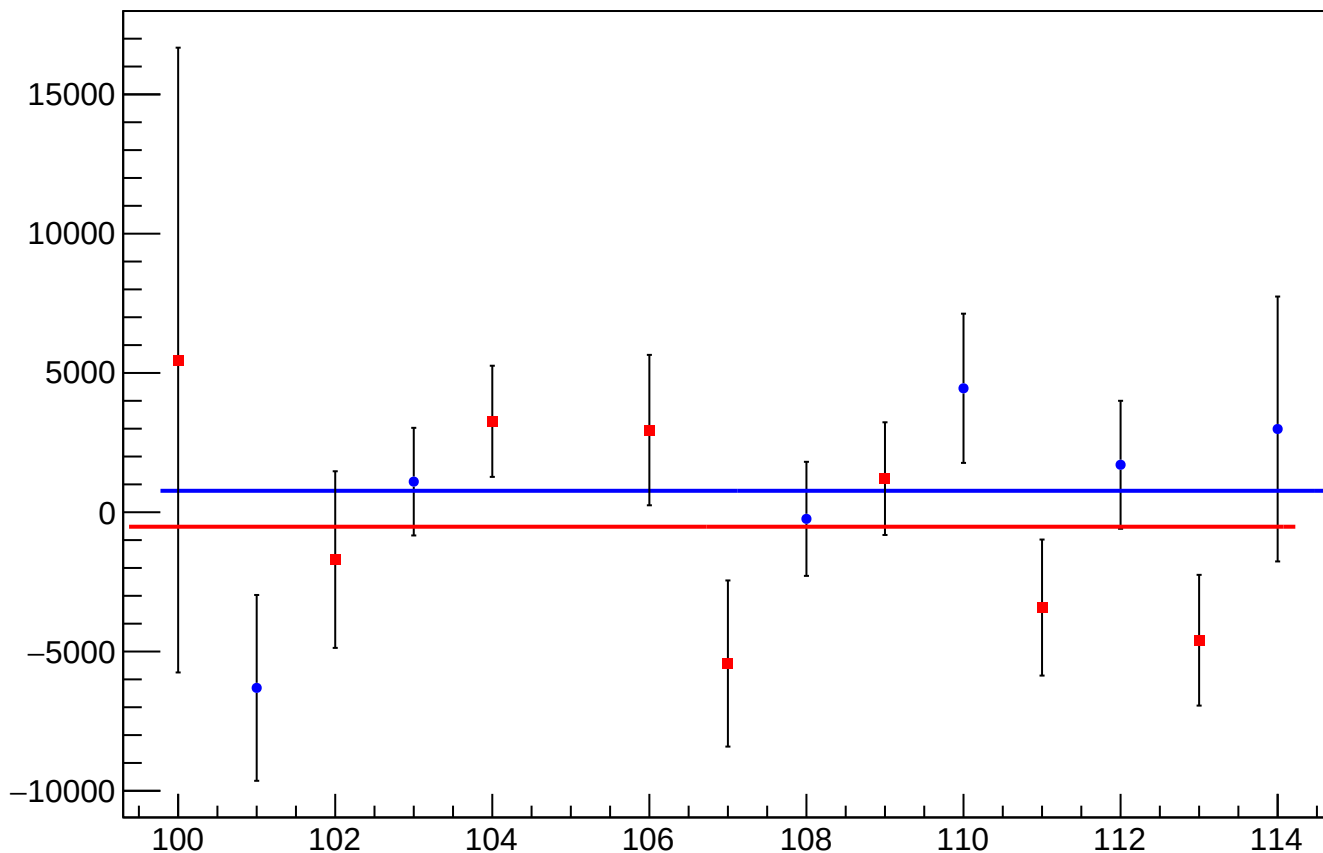
Right: 1436.690+/-0.446 χ^2/NDF : 862537.2/13

In: 1626.565+/-0.718 χ^2/NDF : 152714.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1436.690+/-0.446 χ^2/NDF : 862537.2/13

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 769.830+/-1015.519 χ^2/NDF : 7.0/5

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

Right Out: -519.758+/-912.113 χ^2/NDF : 13.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

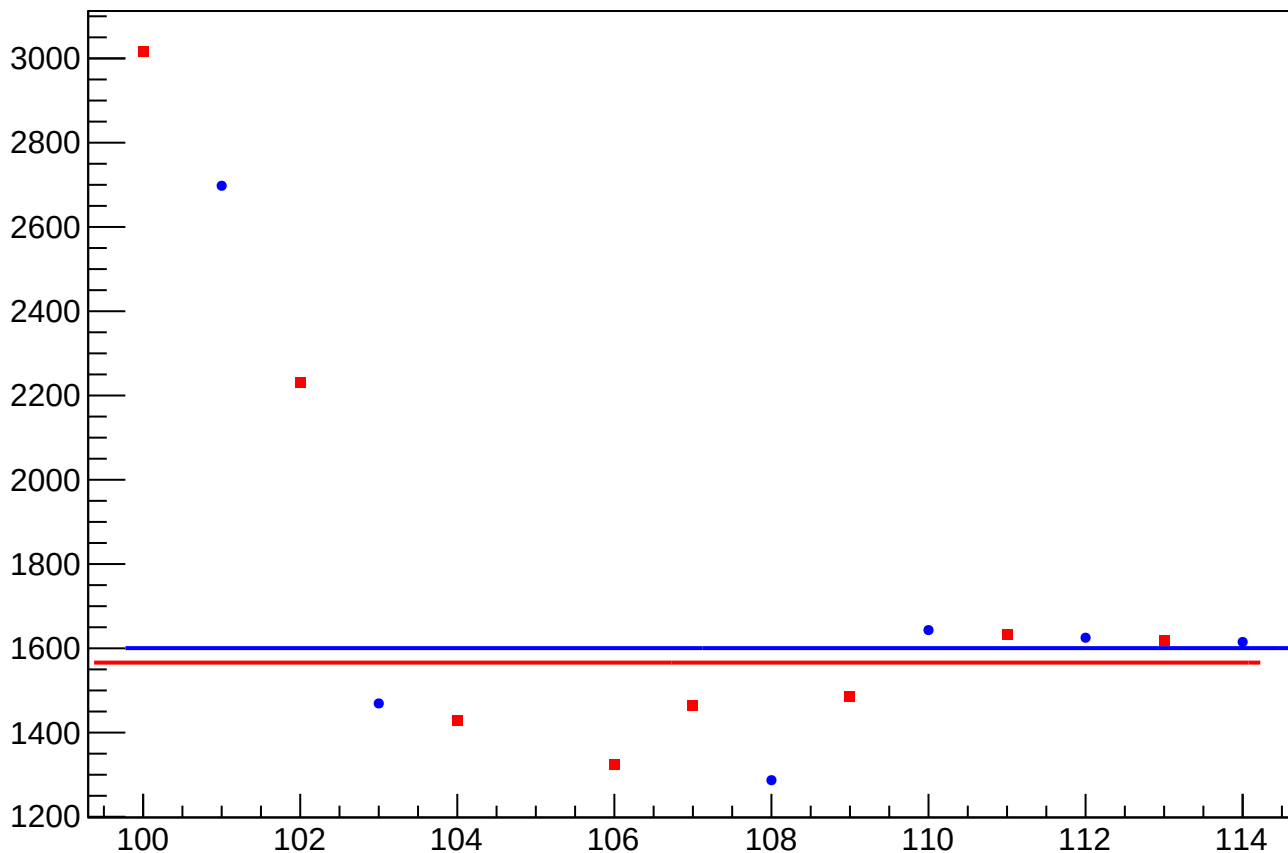
Right: 56.055+/-678.584 χ^2/NDF : 21.5/13

In: 769.830+/-1015.519 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.055+/-678.584 χ^2/NDF : 21.5/13

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1600.458+/-0.718 χ^2/NDF : 273329.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

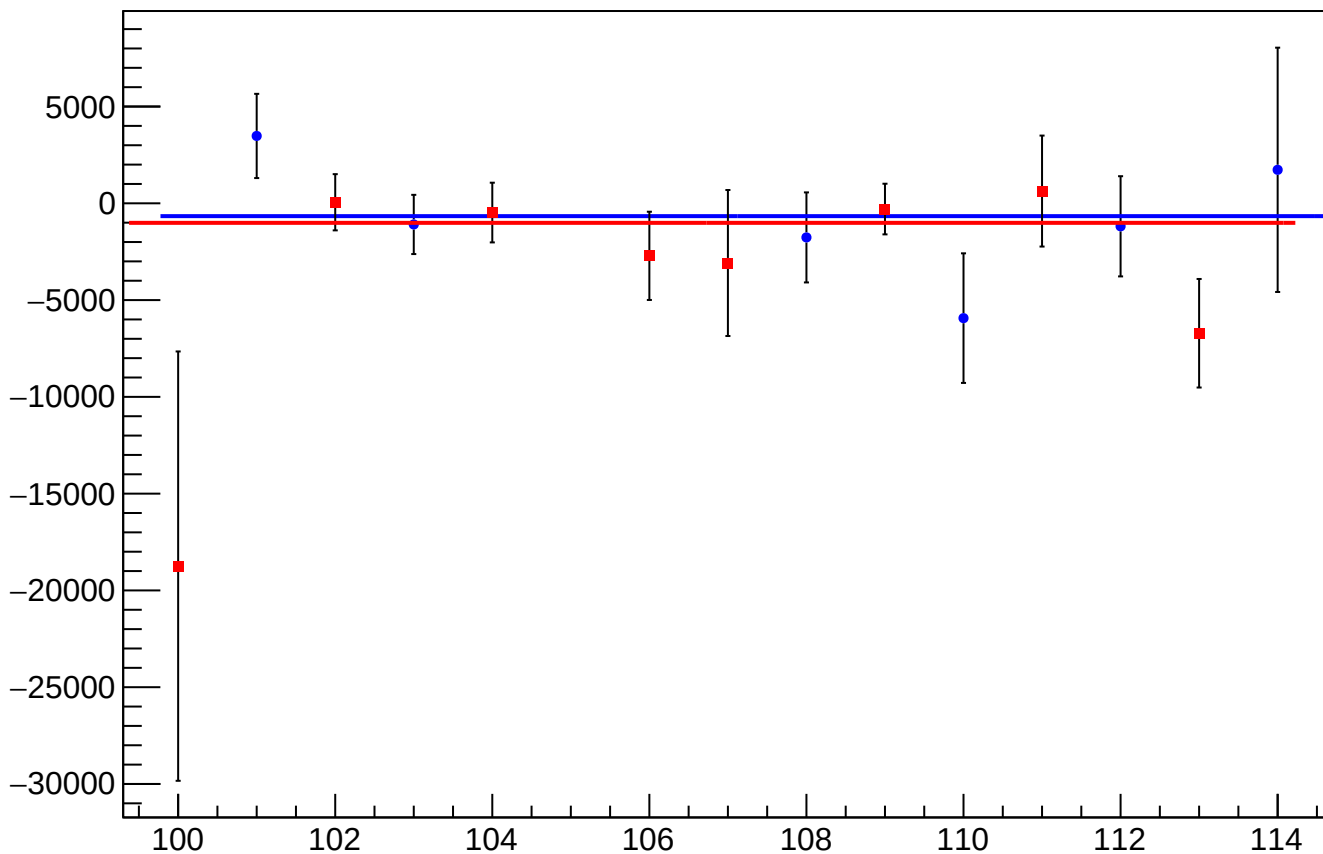
Right: 1581.444+/-0.480 χ^2/NDF : 428972.9/13

In: 1600.458+/-0.718 χ^2/NDF : 273329.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.444+/-0.480 χ^2/NDF : 428972.9/13

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

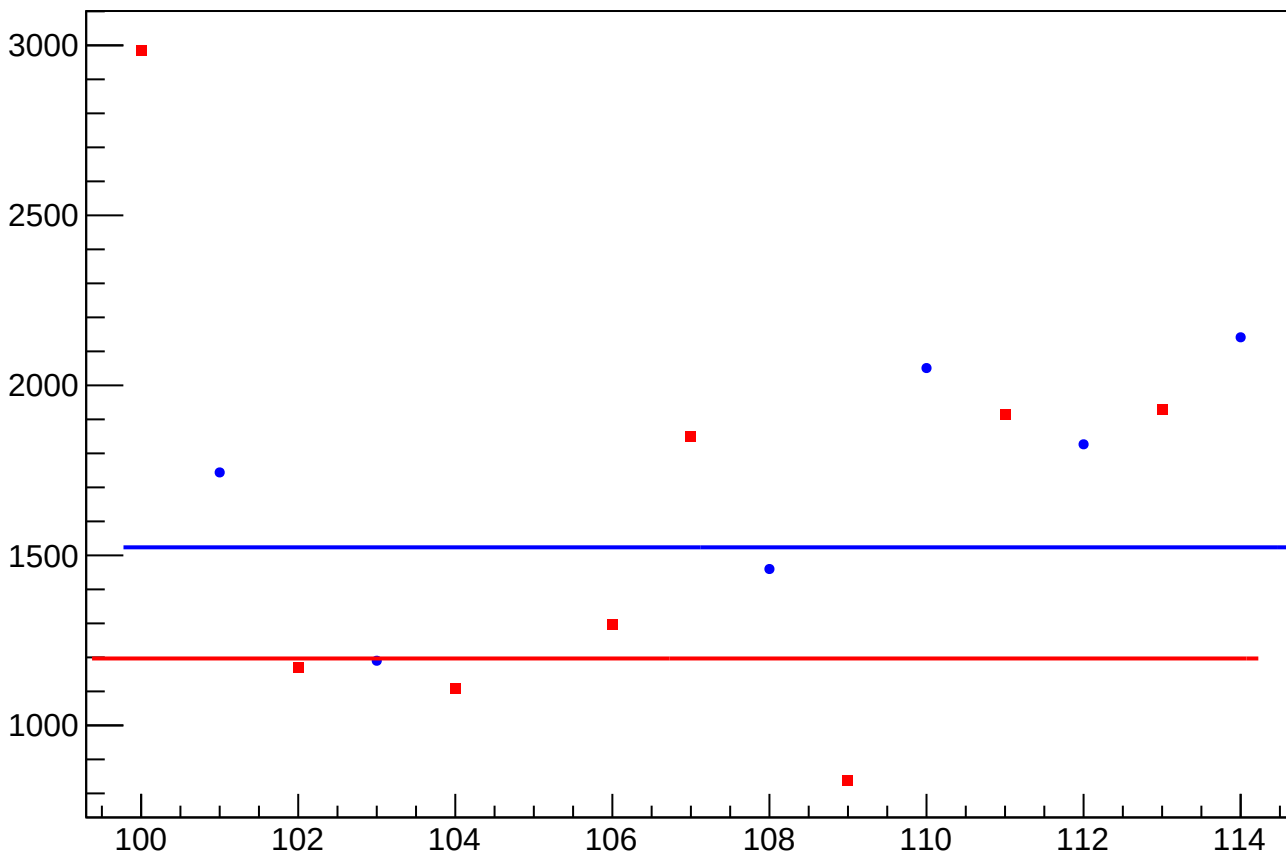
Right: -886.991+/-569.306 χ^2/NDF : 15.5/13

In: -662.701+/-959.136 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -886.991+/-569.306 χ^2/NDF : 15.5/13

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

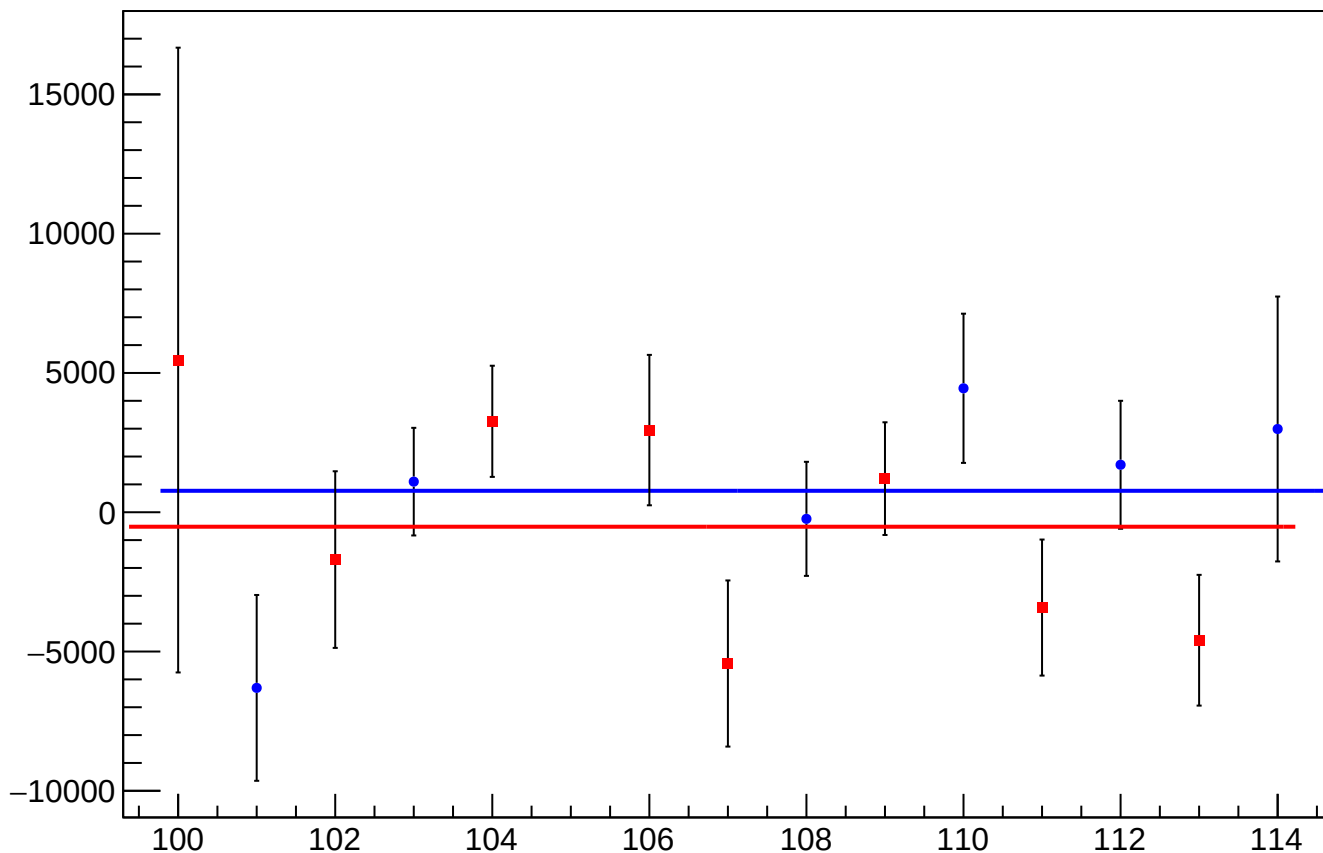
Right: 1311.981+/-0.403 χ^2/NDF : 899071.8/13

In: 1523.703+/-0.678 χ^2/NDF : 213252.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.981+/-0.403 χ^2/NDF : 899071.8/13

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 769.823+/-1015.519 χ^2/NDF : 7.0/5

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

Right Out: -519.758+/-912.113 χ^2/NDF : 13.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

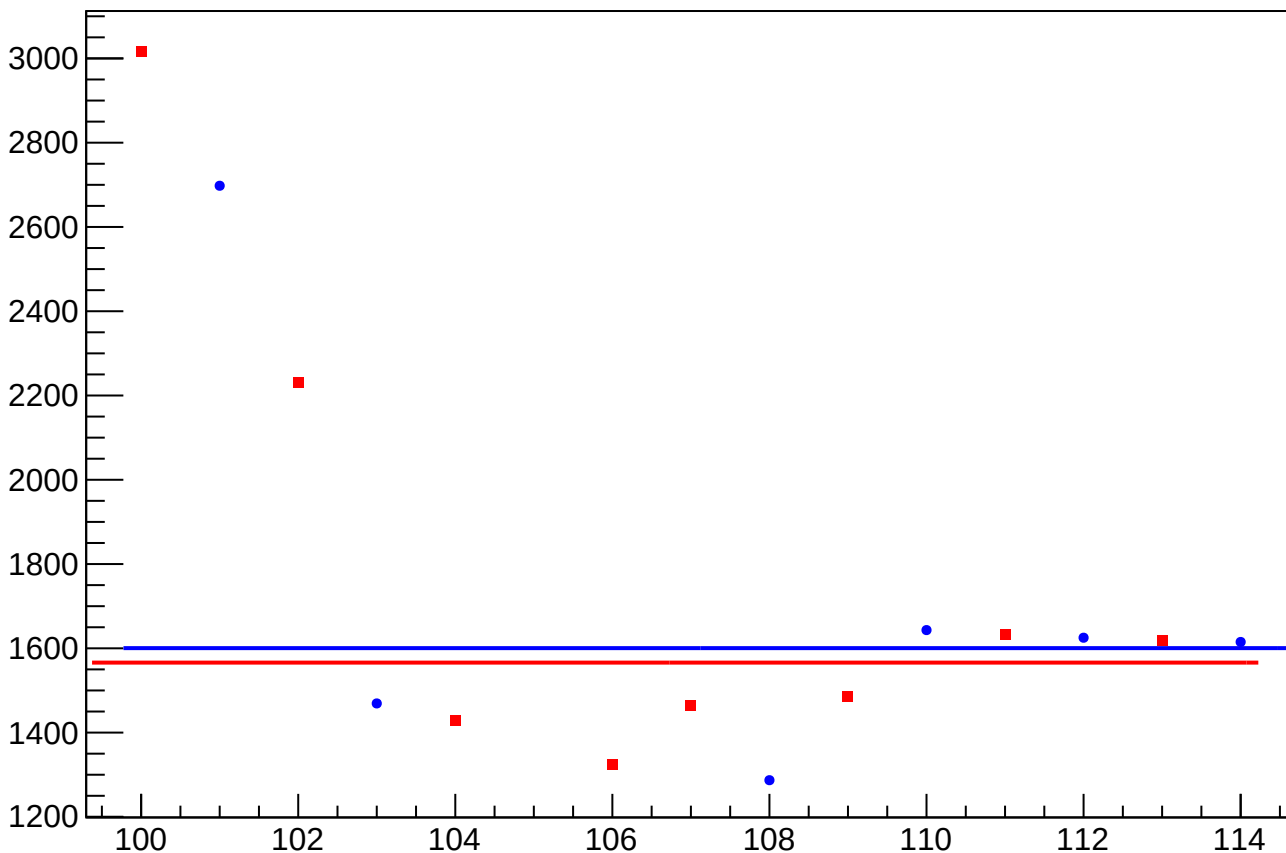
Right: 56.053+/-678.584 χ^2/NDF : 21.5/13

In: 769.823+/-1015.519 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.053+/-678.584 χ^2/NDF : 21.5/13

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

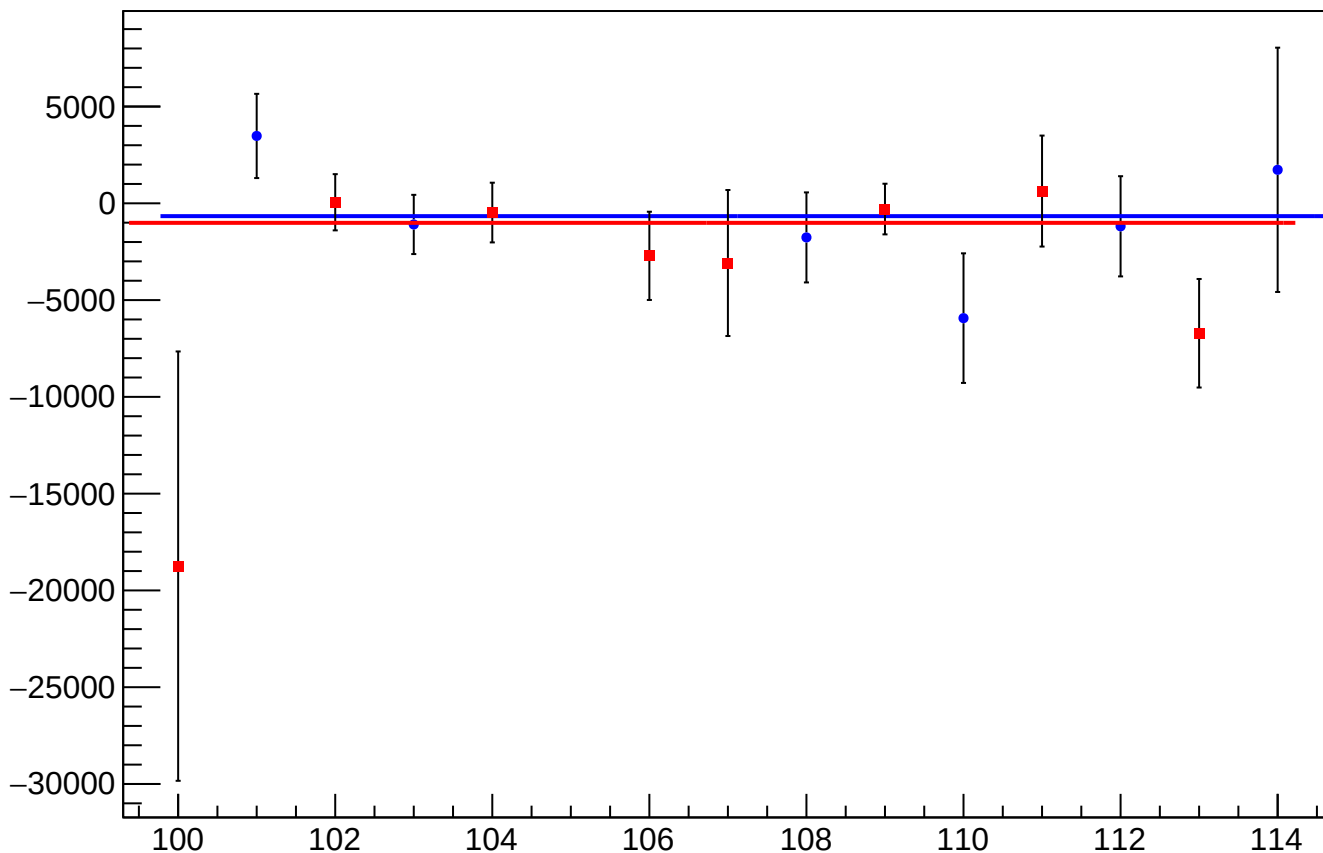
Right: 1581.444+/-0.480 χ^2/NDF : 428972.7/13

In: 1600.459+/-0.718 χ^2/NDF : 273329.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.444+/-0.480 χ^2/NDF : 428972.7/13

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

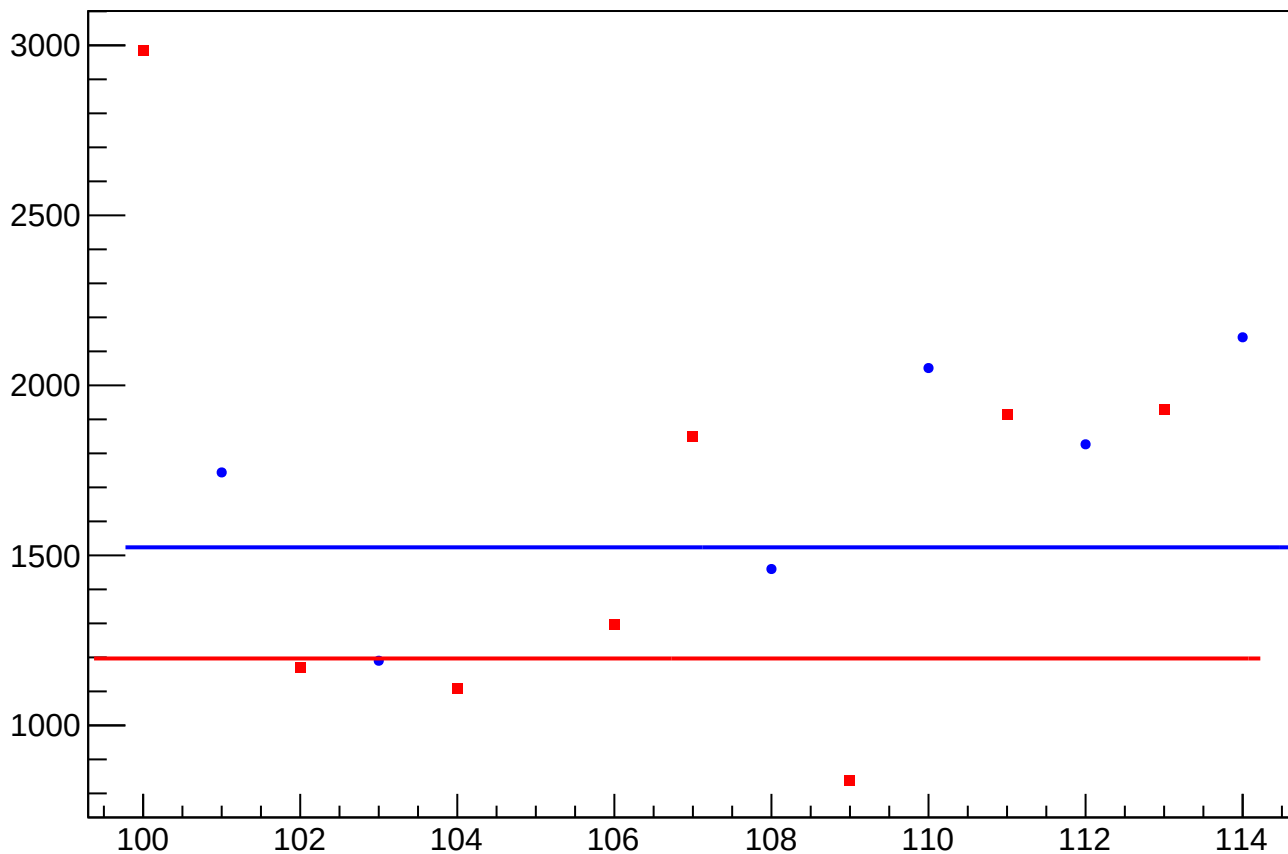
Right: -886.993+/-569.306 χ^2/NDF : 15.5/13

In: -662.701+/-959.134 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -886.993+/-569.306 χ^2/NDF : 15.5/13

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

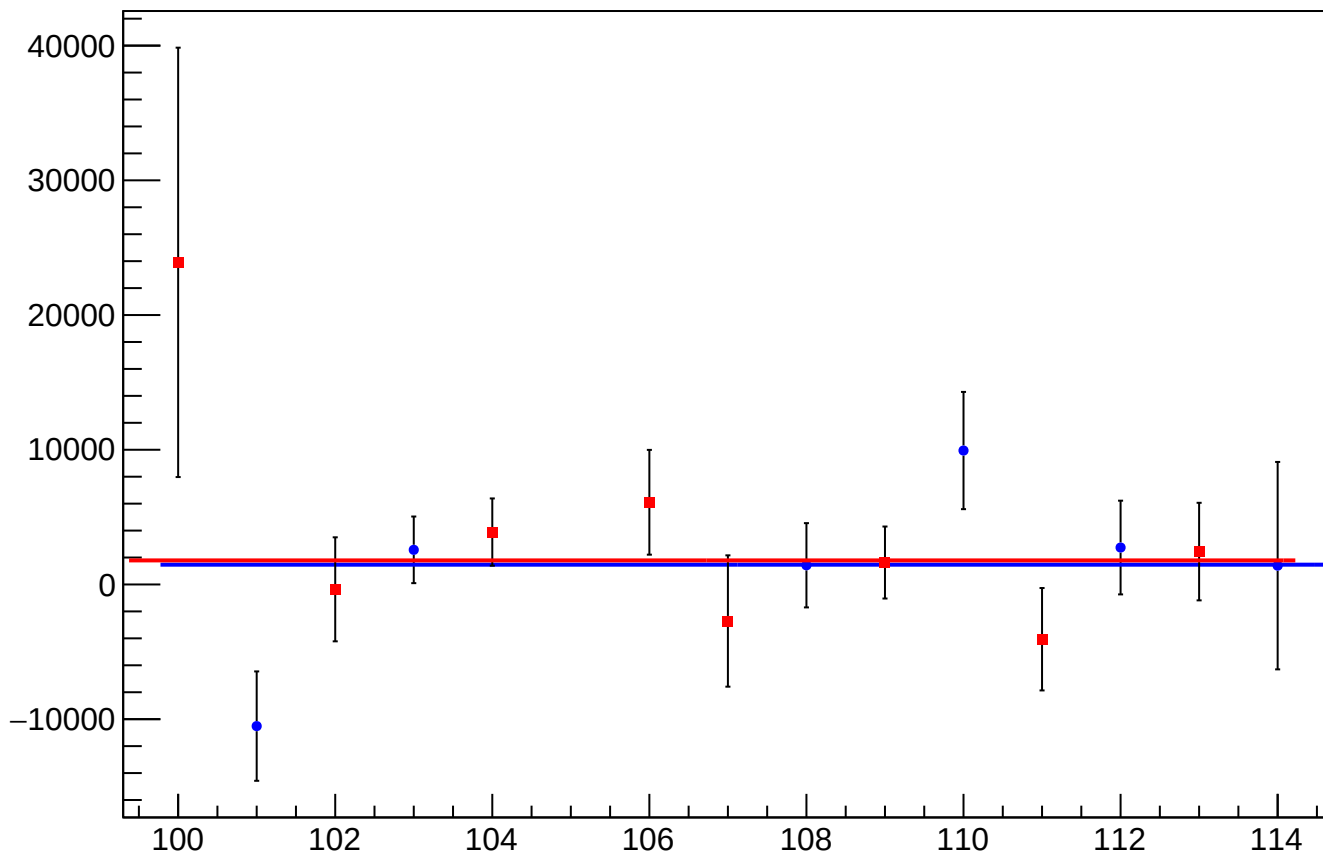
Right: 1311.984+/-0.403 χ^2/NDF : 899045.7/13

In: 1523.700+/-0.678 χ^2/NDF : 213249.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.984+/-0.403 χ^2/NDF : 899045.7/13

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1469.127+/-1445.304 χ^2/NDF : 12.8/5

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

Right Out: 1786.247+/-1264.508 χ^2/NDF : 7.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

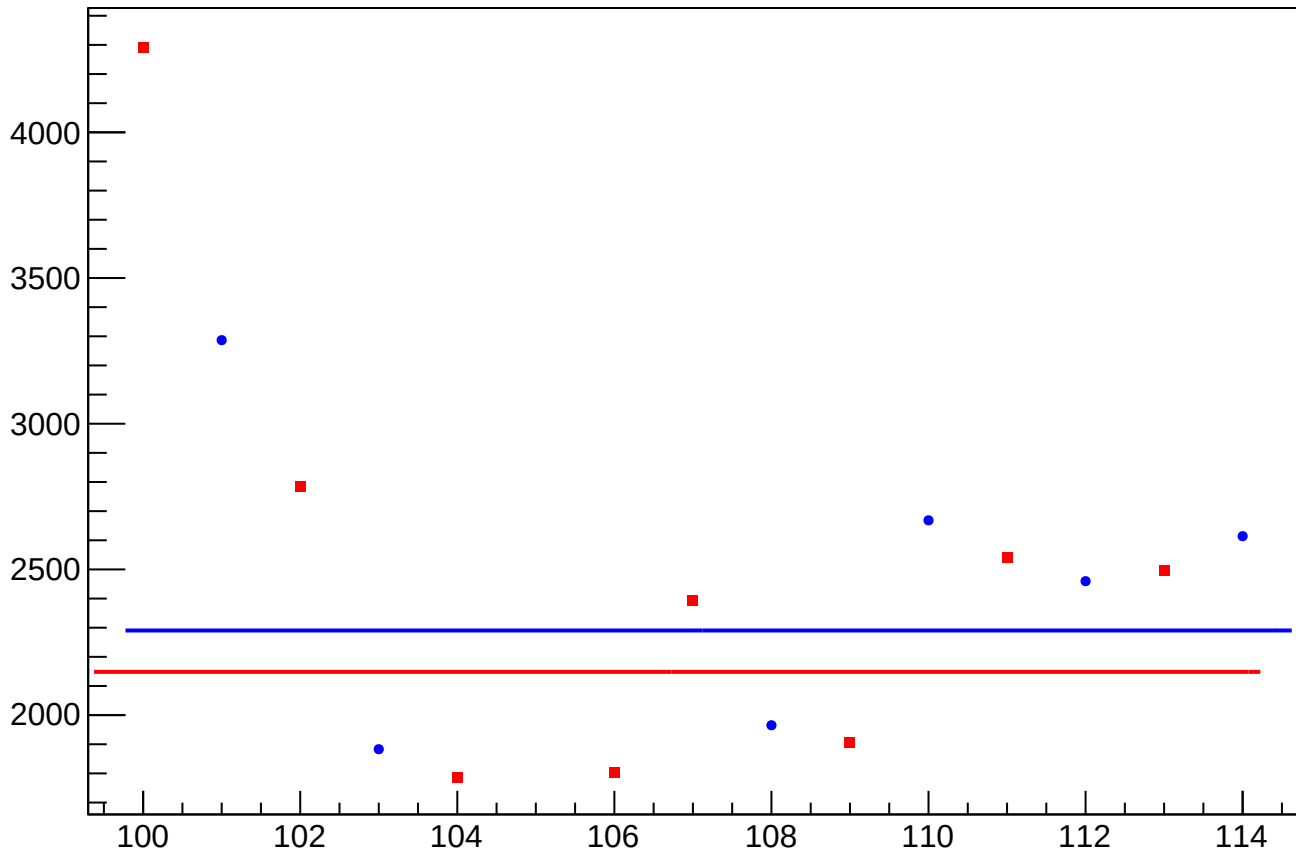
Right: 1648.751+/-951.683 χ^2/NDF : 20.3/13

In: 1469.127+/-1445.304 χ^2/NDF : 12.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1648.751+/-951.683 χ^2/NDF : 20.3/13

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

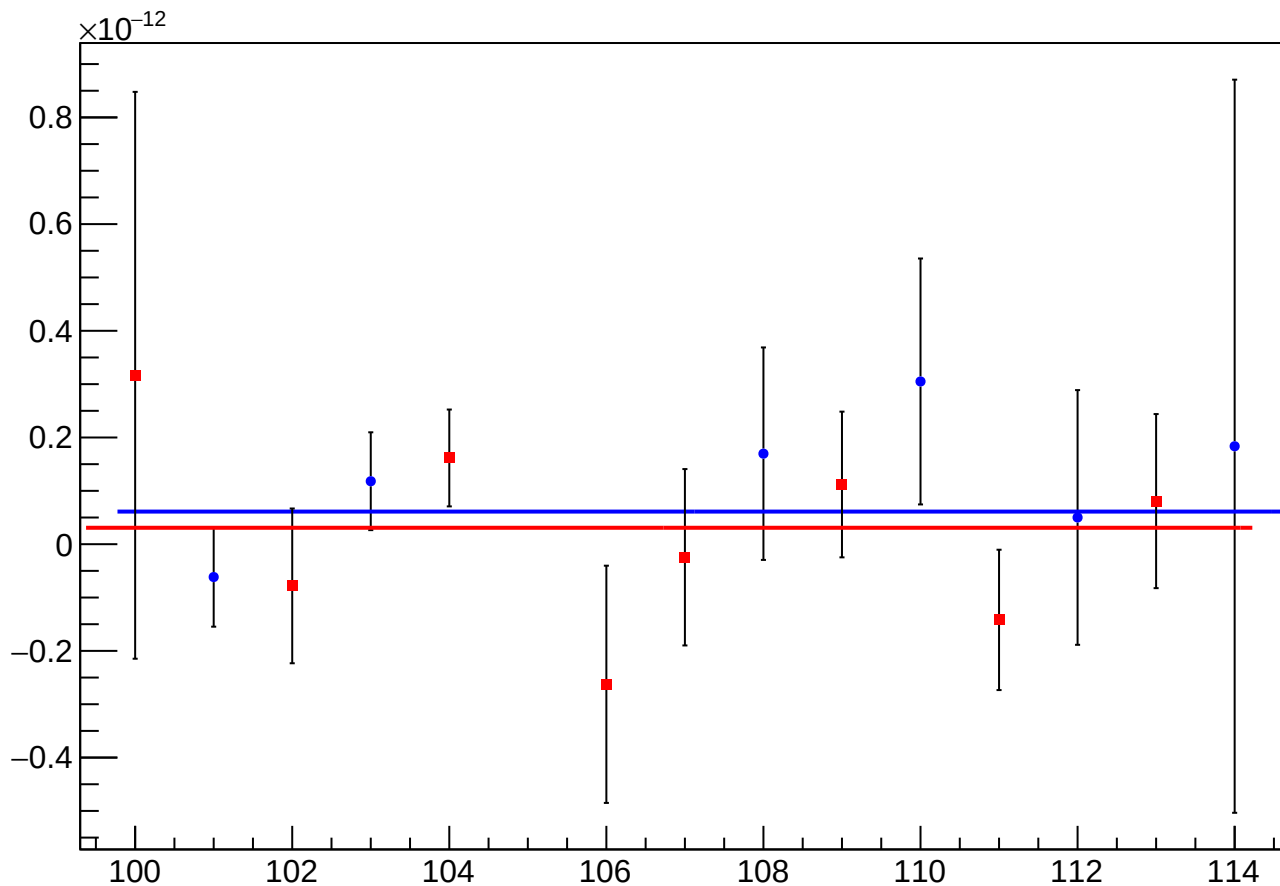
Right: 2210.040+/-0.673 χ^2/NDF : 439960.6/13

In: 2290.466+/-1.022 χ^2/NDF : 219669.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2210.040+/-0.673 χ^2/NDF : 439960.6/13

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

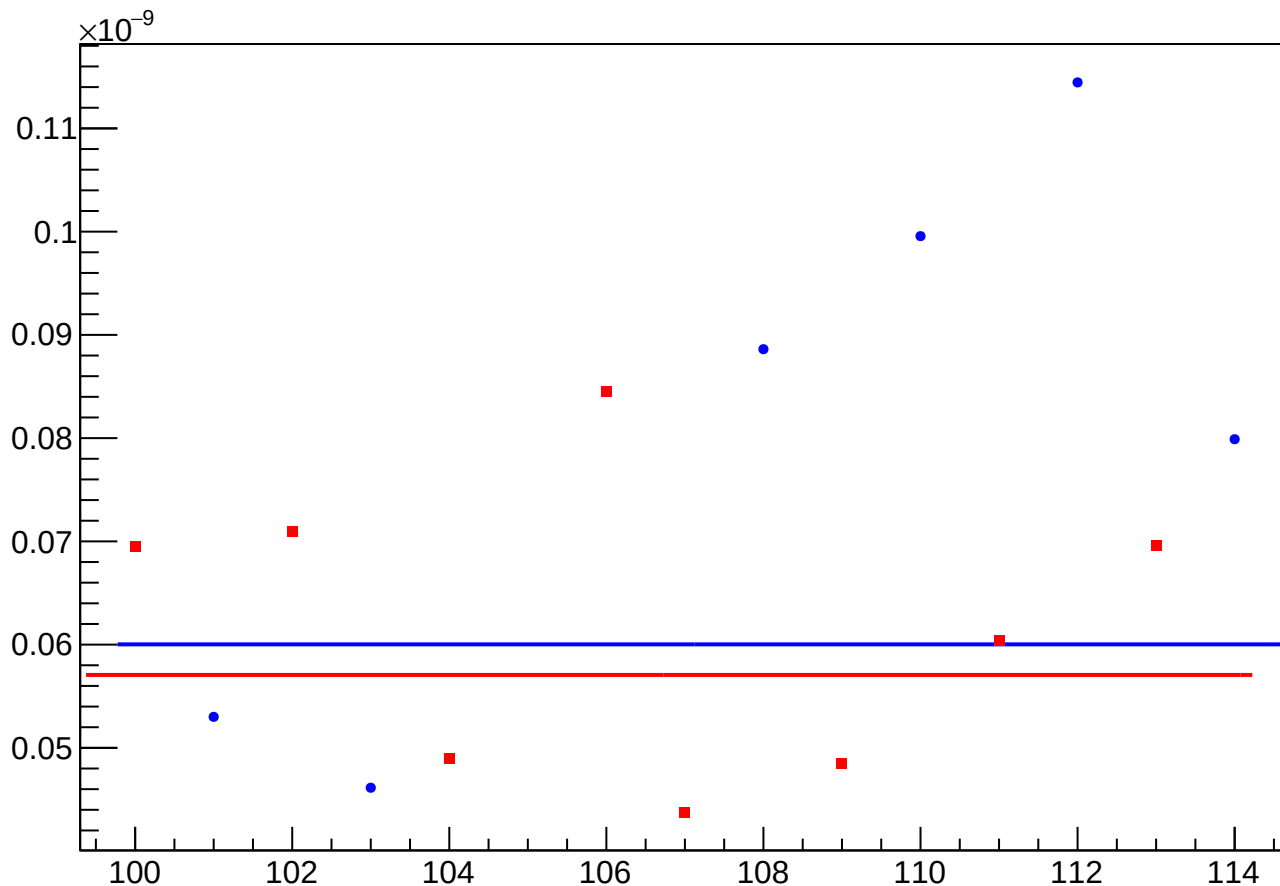
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/13

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

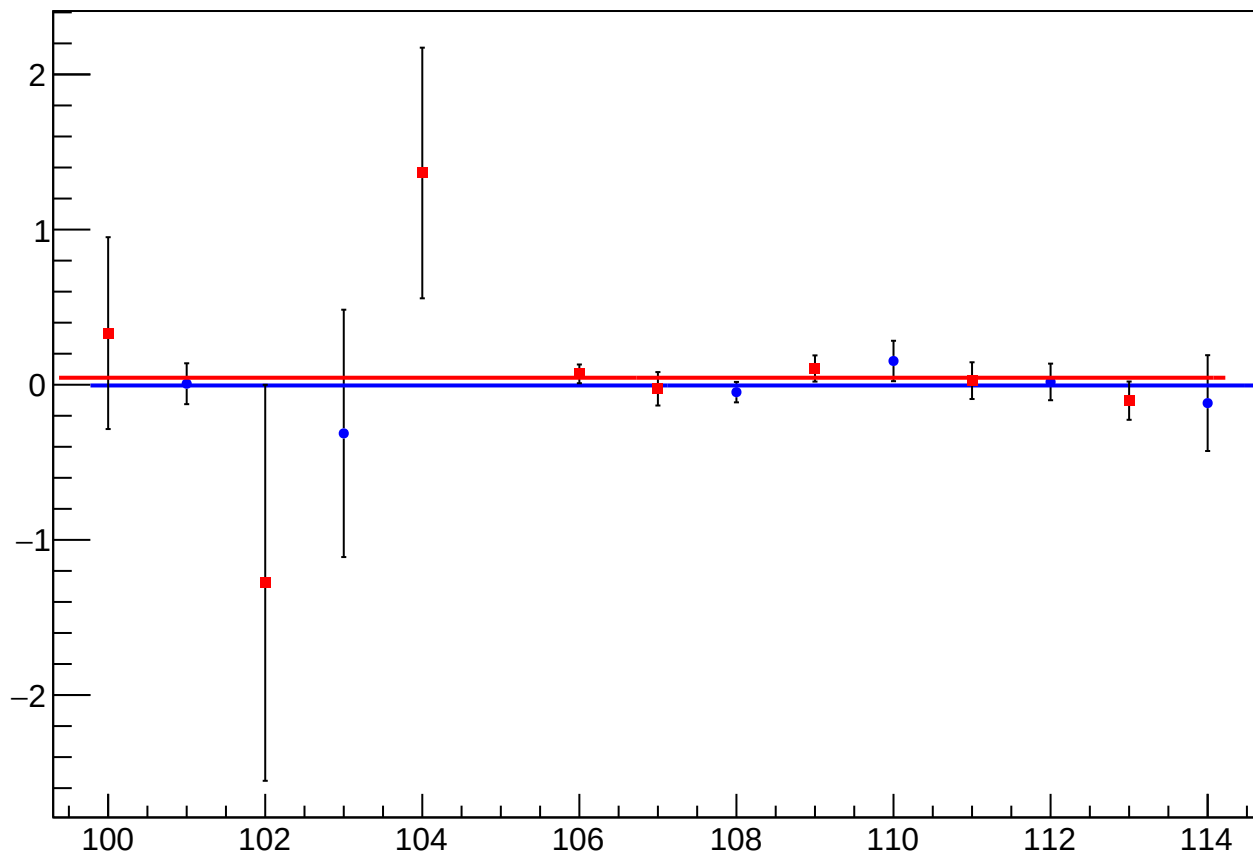
Right: 0.000+/-0.000 χ^2/NDF : 365639.6/13

In: 0.000+/-0.000 χ^2/NDF : 262945.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 365639.6/13

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

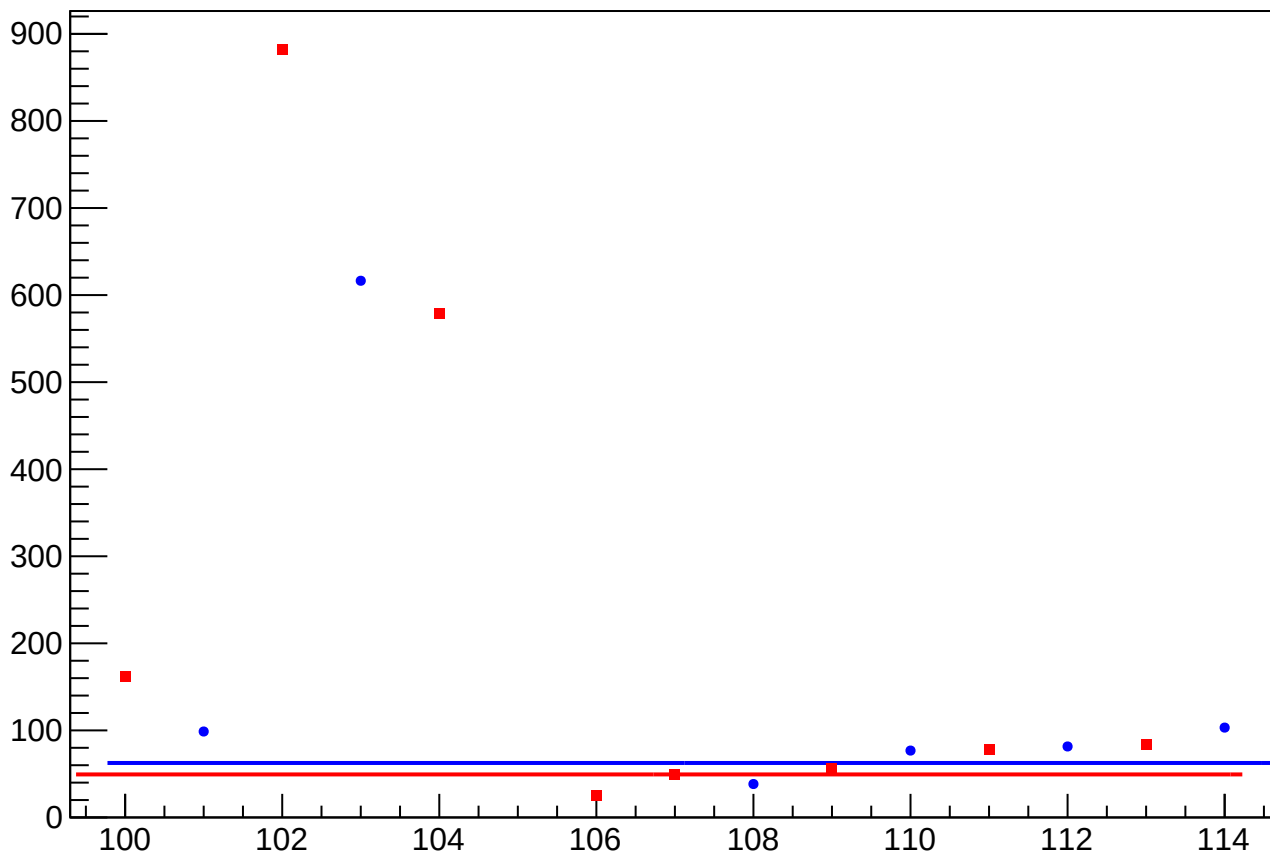
Right: 0.025 $\pm$ 0.031 χ^2 /NDF: 9.4/13

In: -0.005 $\pm$ 0.048 χ^2 /NDF:2.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.031 χ^2 /NDF: 9.4/13

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

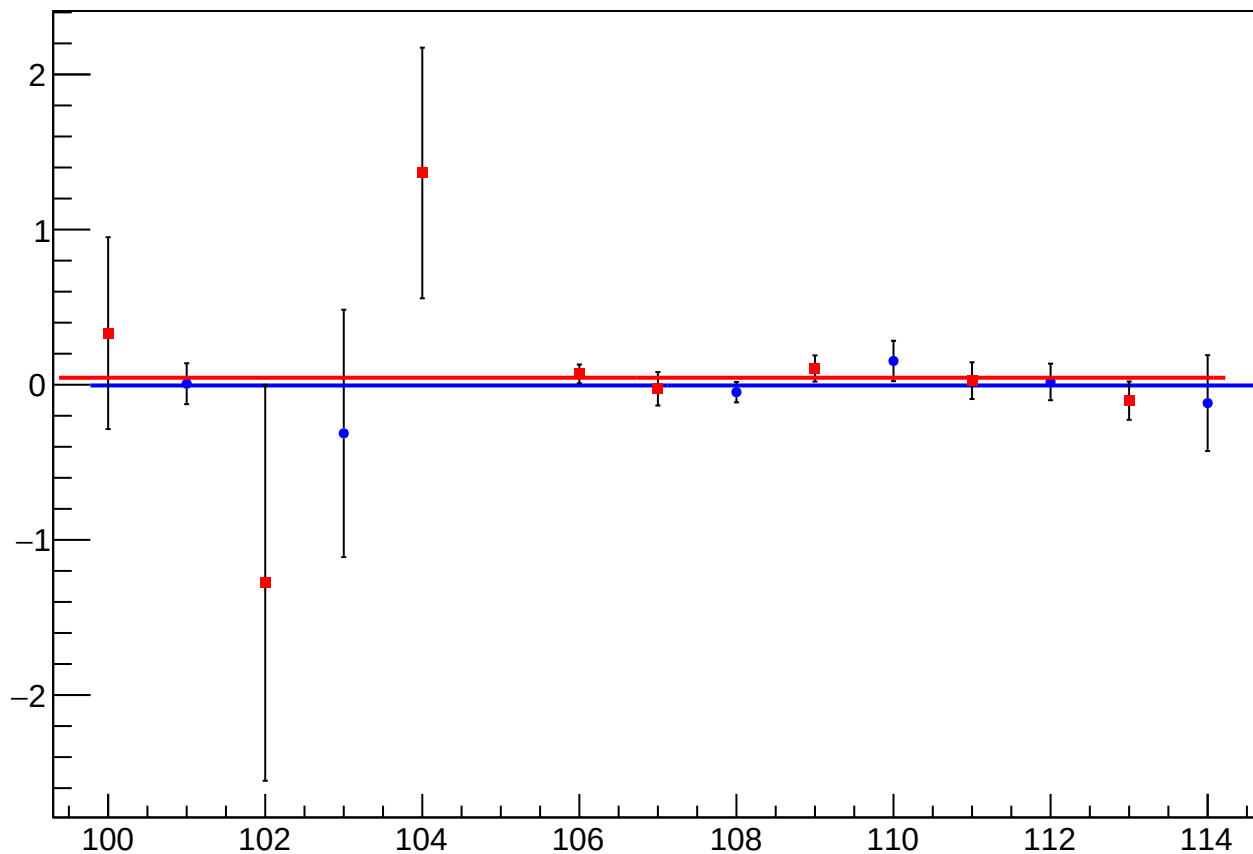
Right: 54.706+/-0.022 χ^2/NDF : 3970695.0/13

In: 62.582+/-0.034 χ^2/NDF : 1496206.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.706+/-0.022 χ^2/NDF : 3970695.0/13

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

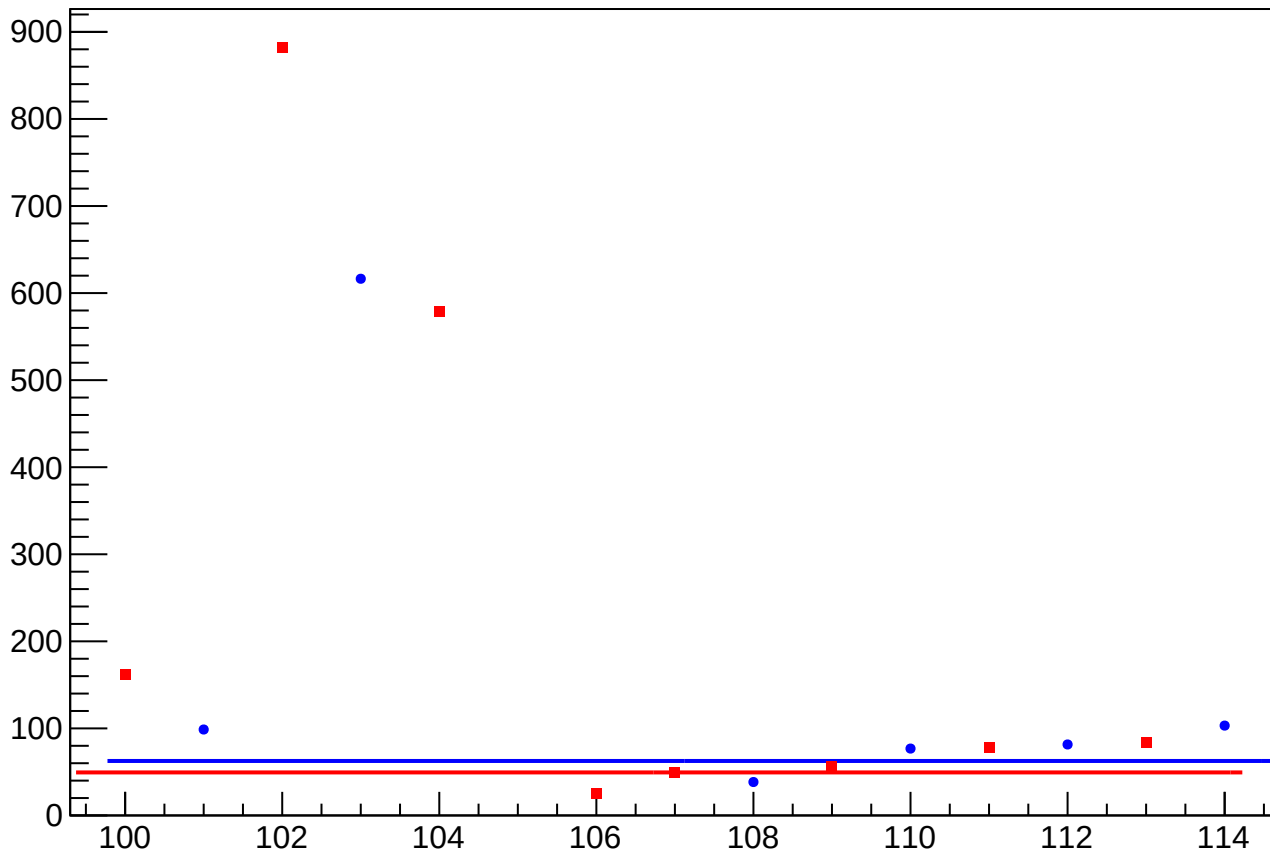
Right: 0.025+/-0.031 χ^2 /NDF: 9.4/13

In: -0.005+/-0.048 χ^2 /NDF:2.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.025+/-0.031 χ^2 /NDF: 9.4/13

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

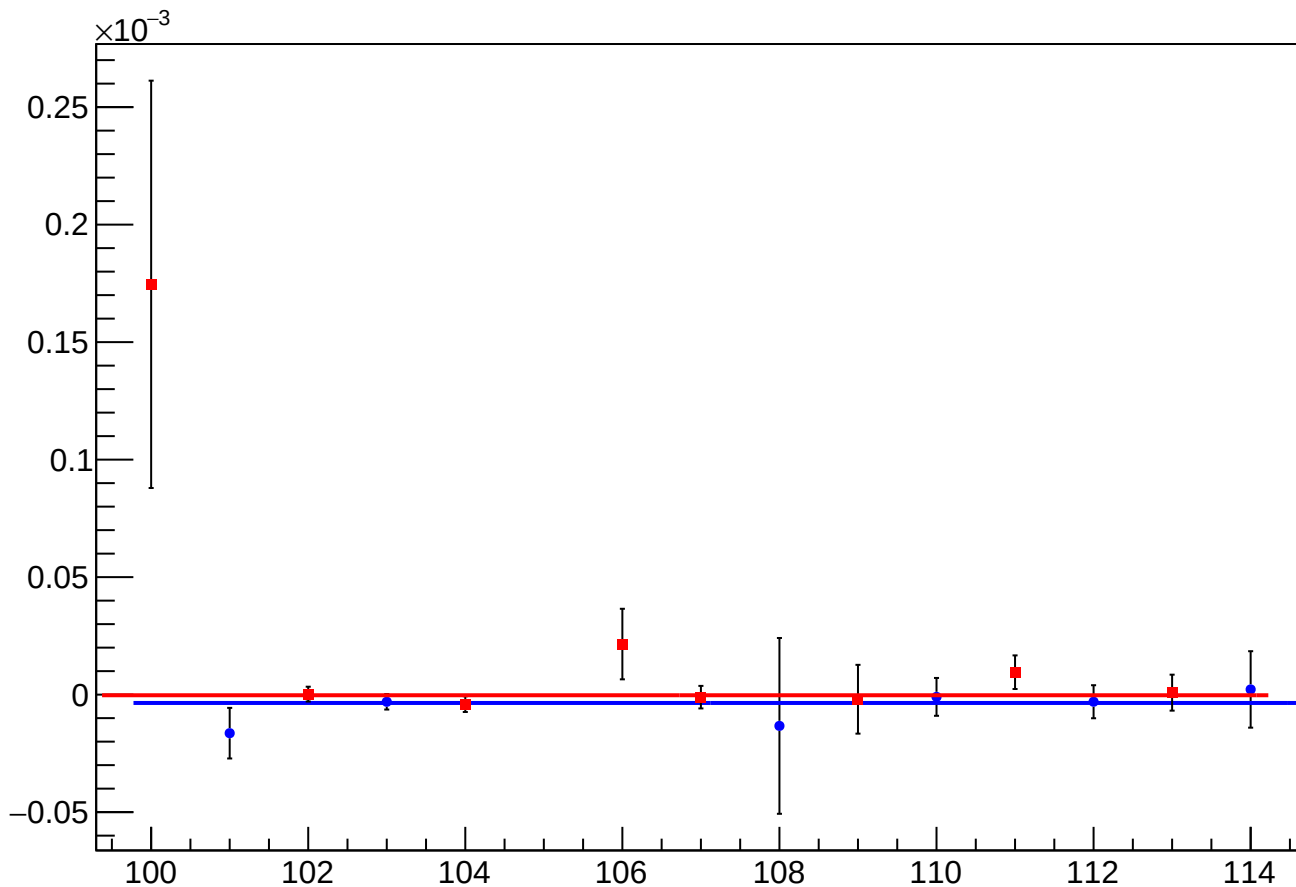
Right: 54.706 $\pm$ 0.022 χ^2 /NDF: 3970695.0/13

In: 62.582 $\pm$ 0.034 χ^2 /NDF:1496206.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.706 $\pm$ 0.022 χ^2 /NDF: 3970695.0/13

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

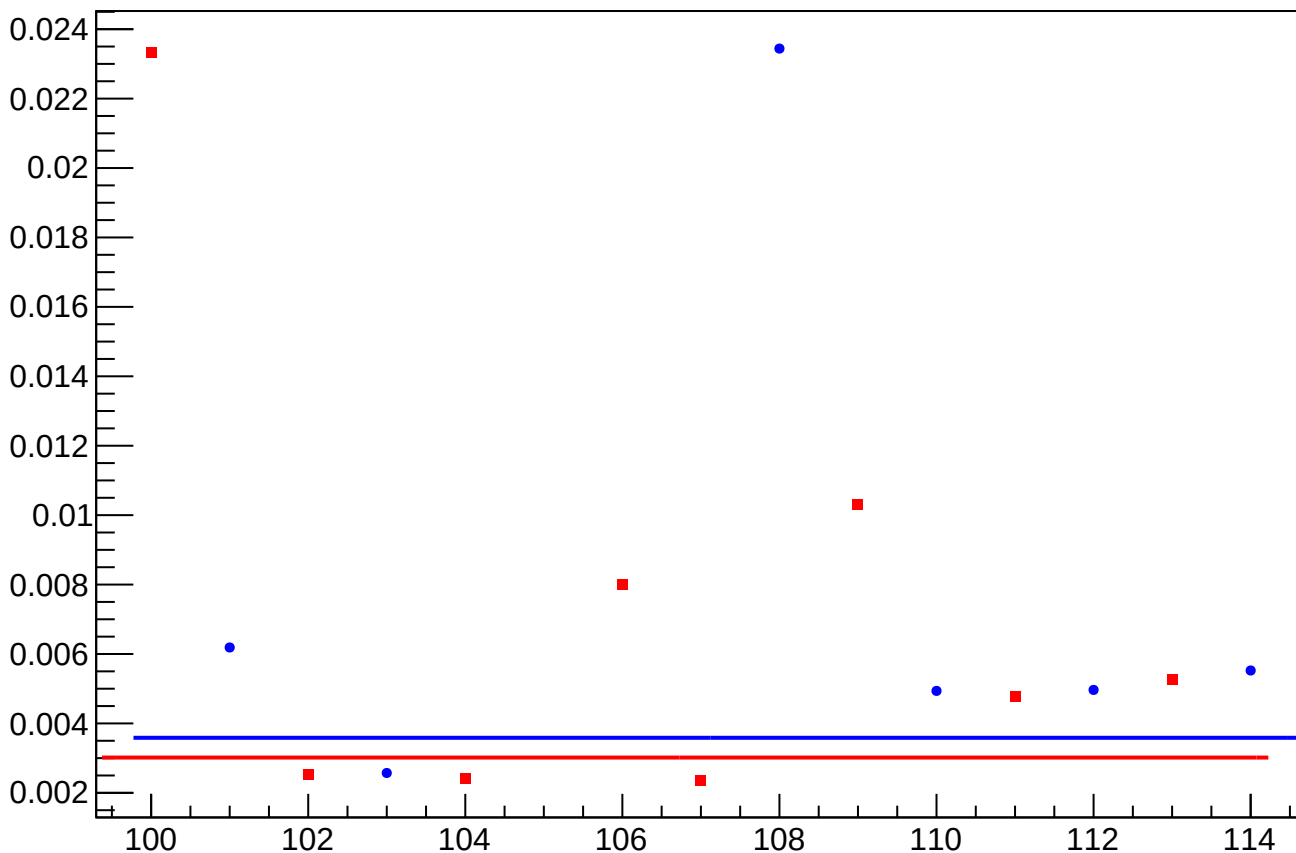
Right: -0.000+/-0.000 χ^2/NDF : 12.2/13

In: -0.000+/-0.000 χ^2/NDF :1.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.2/13

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

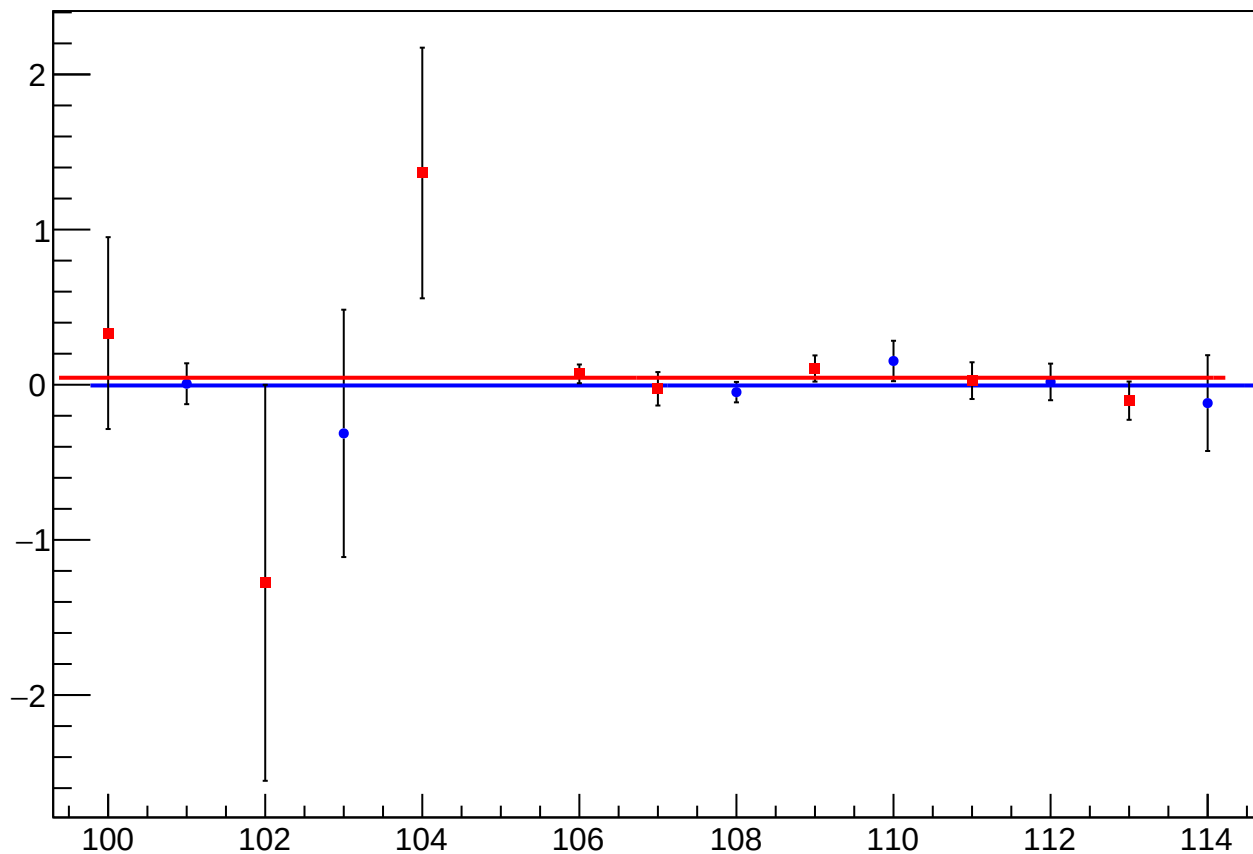
Right: 0.003+/-0.000 χ^2/NDF : 2362929.5/13

In: 0.004+/-0.000 χ^2/NDF :1029829.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2362929.5/13

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

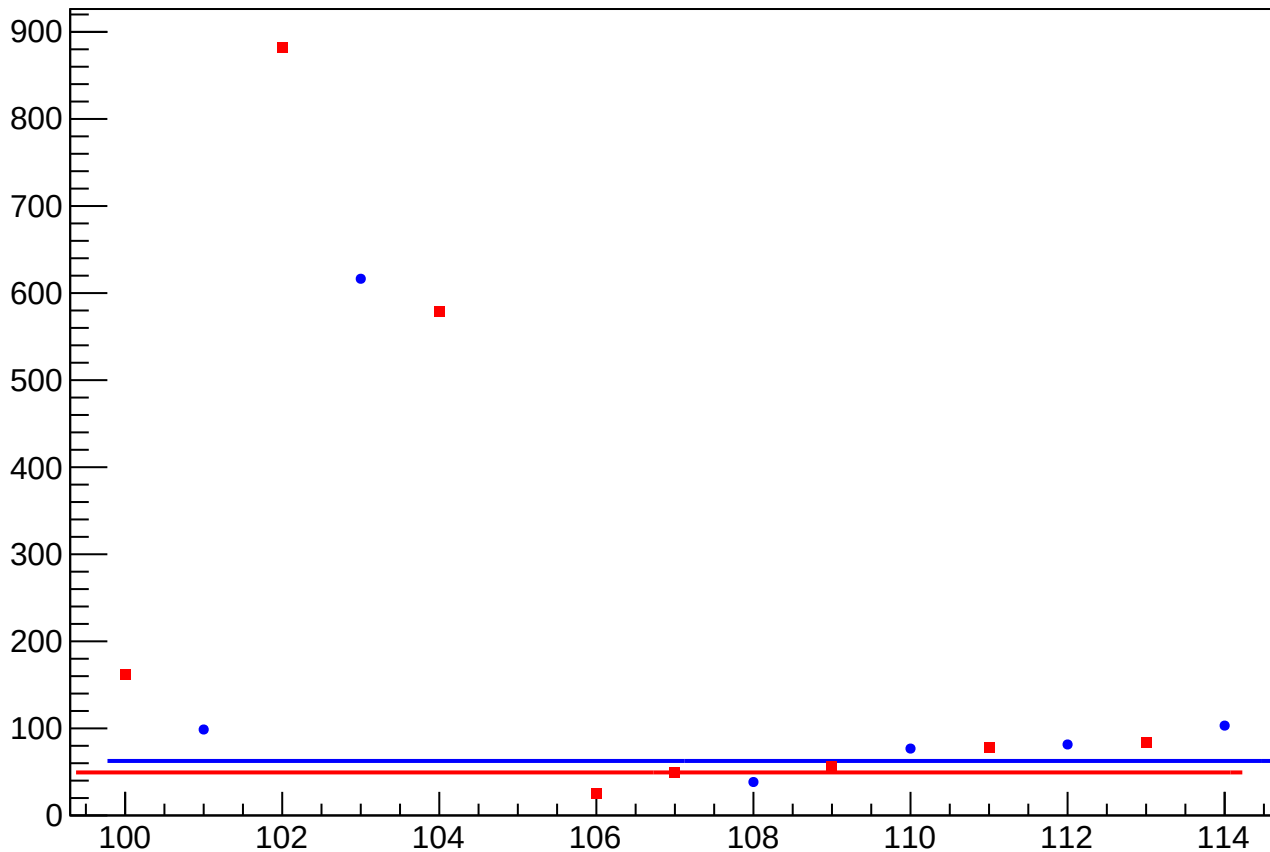
Right: 0.025+/-0.031 χ^2/NDF : 9.4/13

In: -0.005+/-0.048 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.031 χ^2/NDF : 9.4/13

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

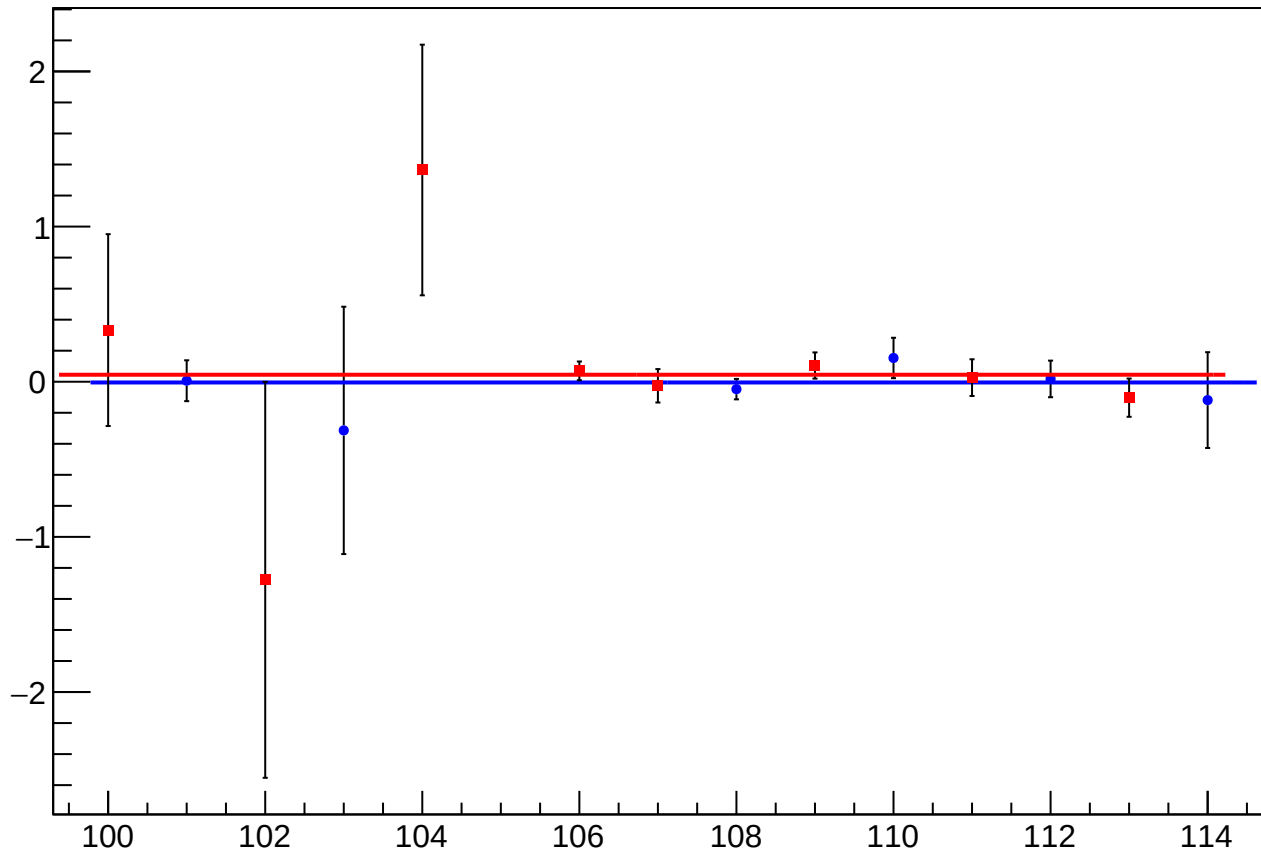
Right: 54.707+/-0.022 χ^2/NDF : 3970870.3/13

In: 62.603+/-0.034 χ^2/NDF : 1495597.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.707+/-0.022 χ^2/NDF : 3970870.3/13

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

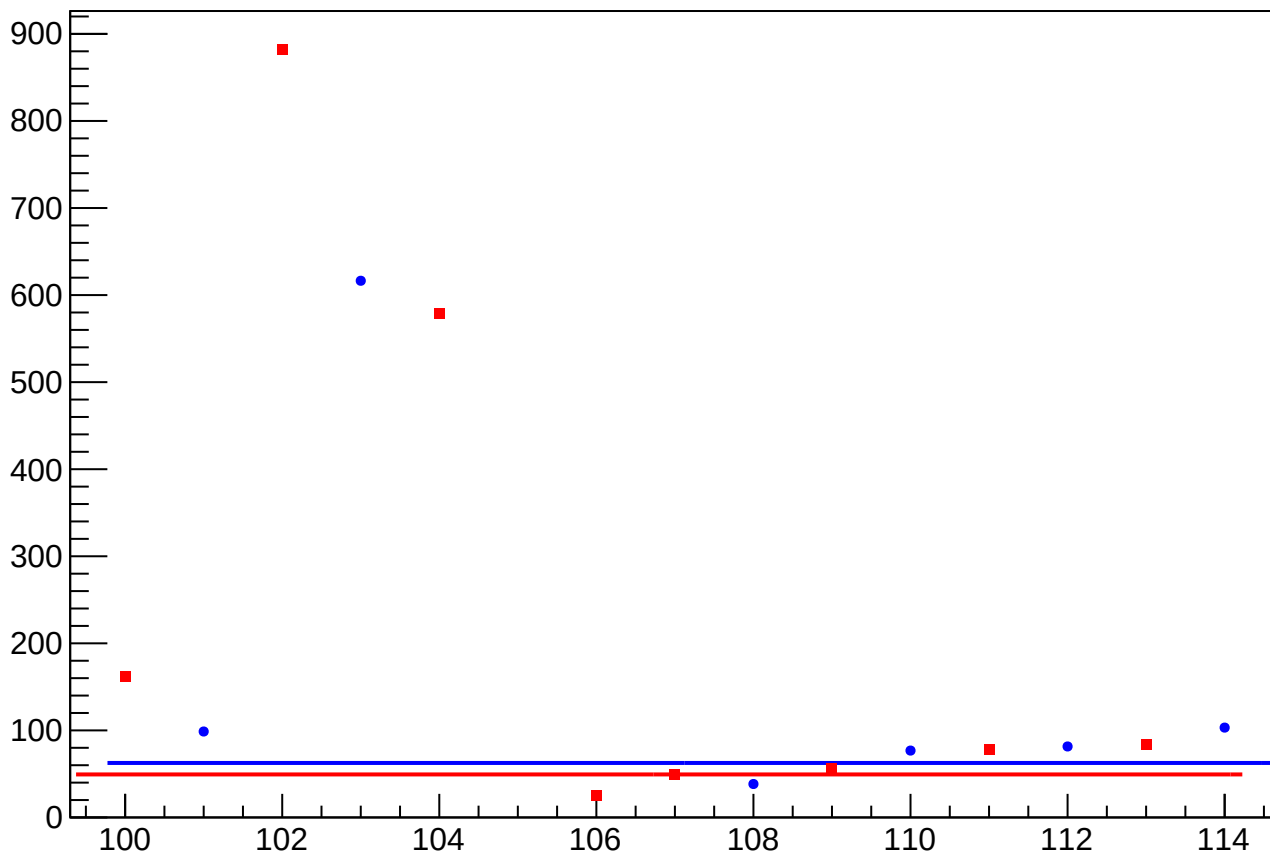
Right: 0.025+/-0.031 χ^2/NDF : 9.4/13

In: -0.005+/-0.048 χ^2/NDF :2.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.031 χ^2/NDF : 9.4/13

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

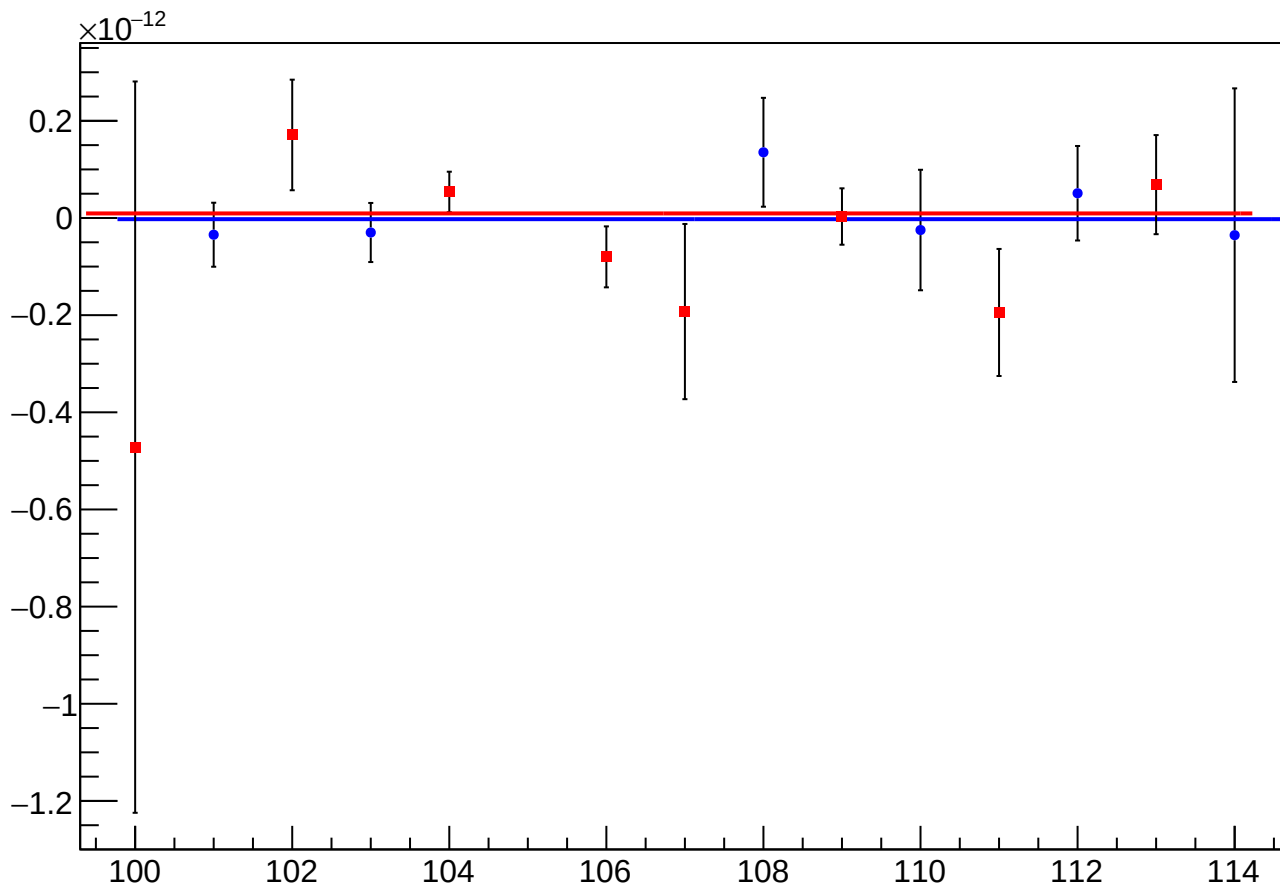
Right: 54.707+/-0.022 χ^2/NDF : 3970870.3/13

In: 62.603+/-0.034 χ^2/NDF : 1495597.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.707+/-0.022 χ^2/NDF : 3970870.3/13

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.3/5

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

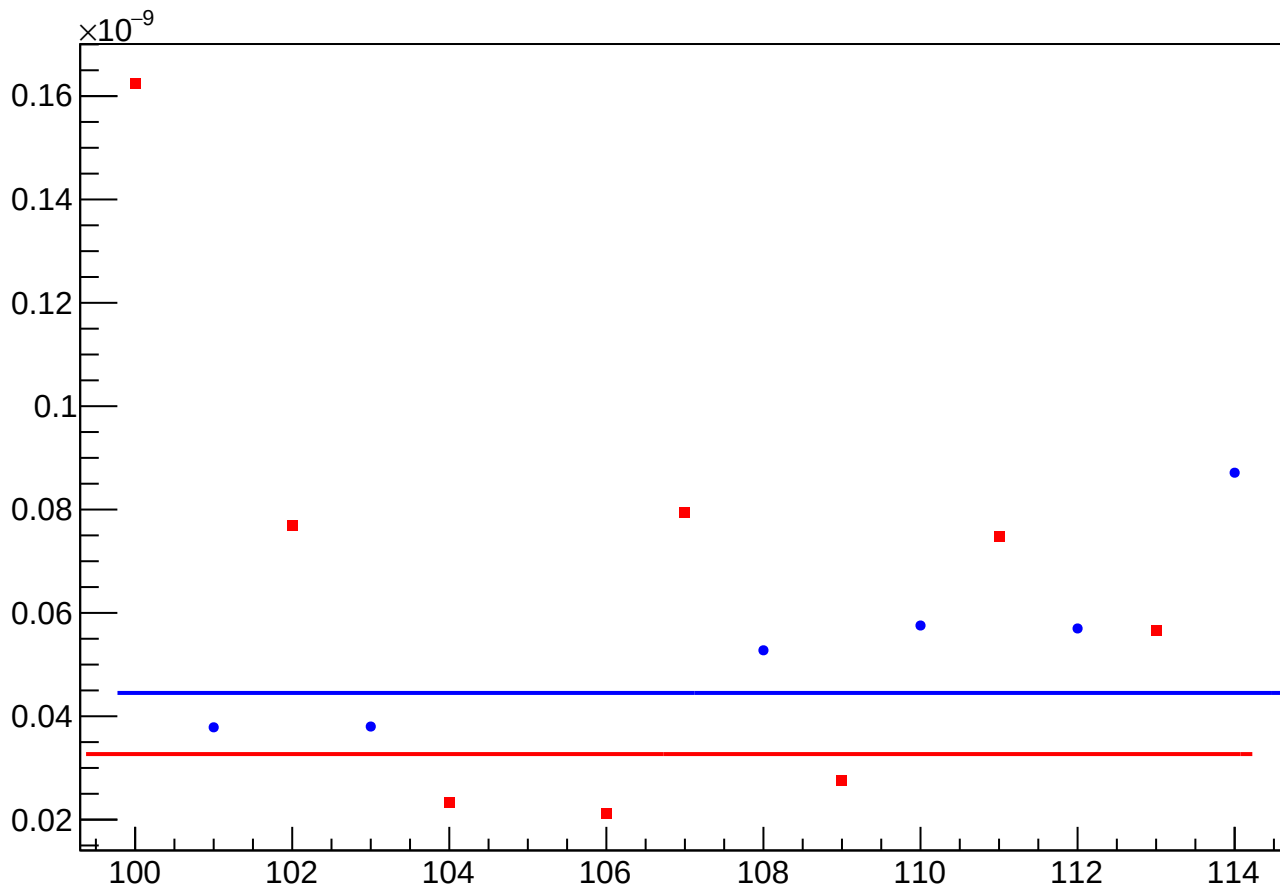
Right: 0.000+/-0.000 χ^2 /NDF: 12.0/13

In: -0.000+/-0.000 χ^2 /NDF:2.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 12.0/13

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

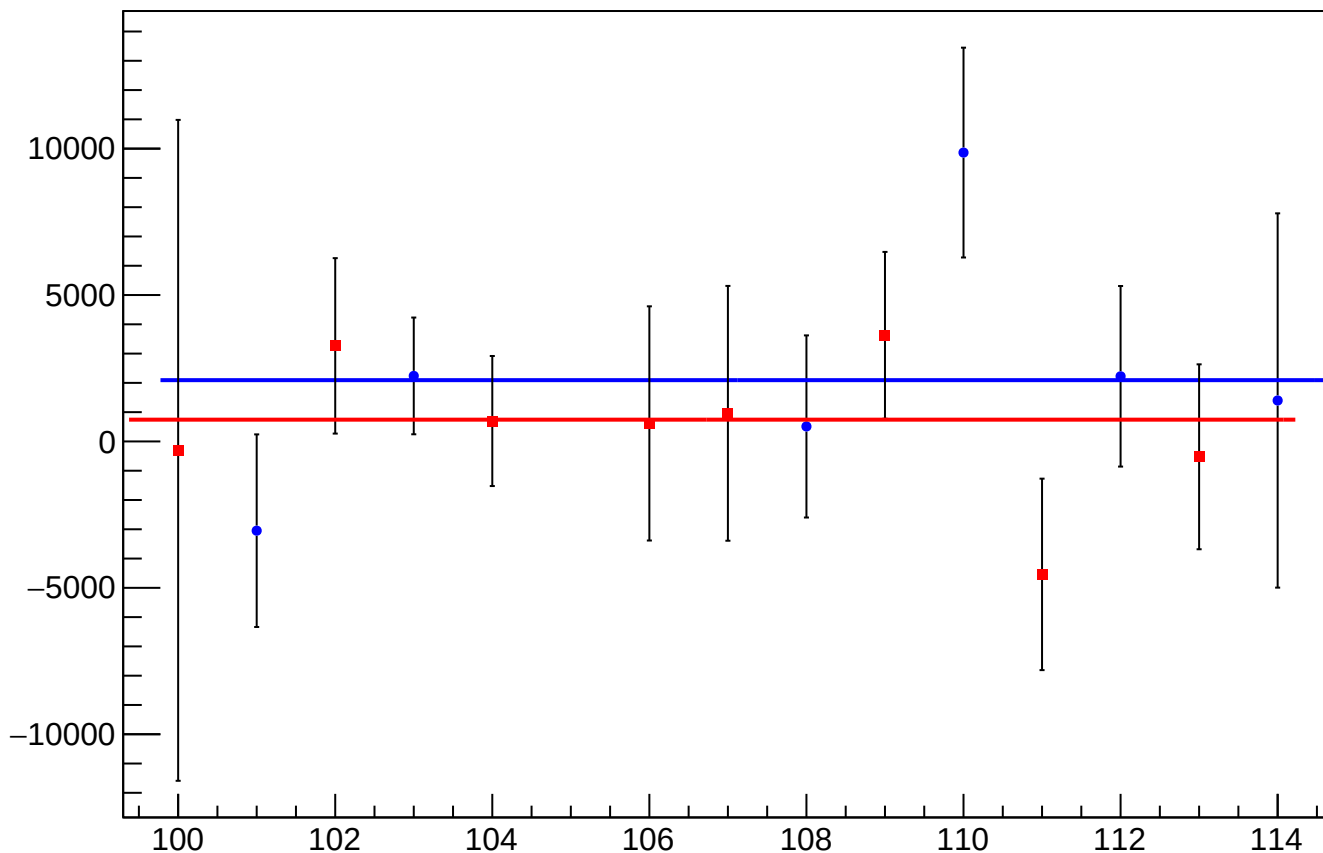
Right: 0.000+/-0.000 χ^2/NDF : 1284659.3/13

In: 0.000+/-0.000 χ^2/NDF : 148866.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1284659.3/13

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

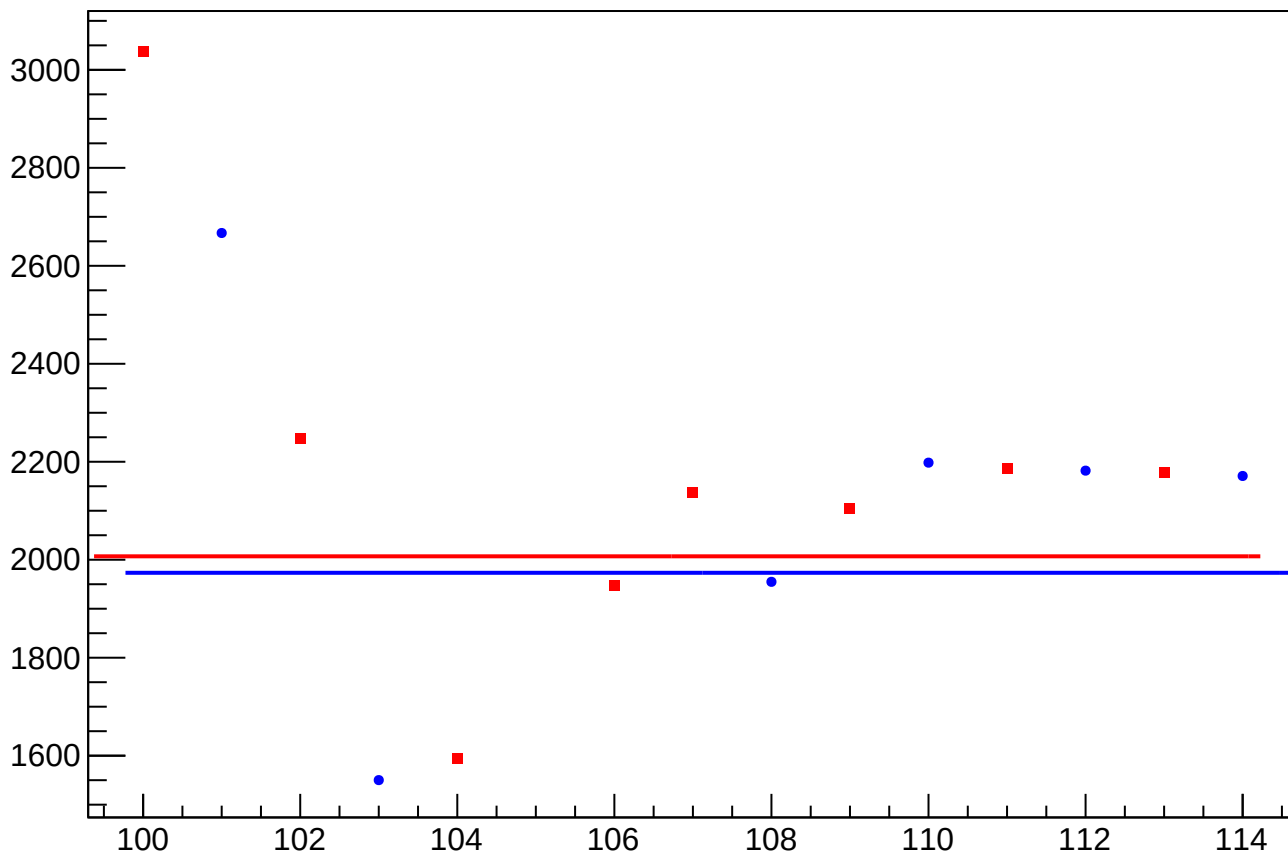
Right: 1370.652+/-842.304 χ^2/NDF : 12.6/13

In: 2092.841+/-1235.555 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.652+/-842.304 χ^2/NDF : 12.6/13

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1973.349+/-0.874 χ^2/NDF : 198096.7/5

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

Right Out: 2006.980+/-0.809 χ^2/NDF : 114809.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

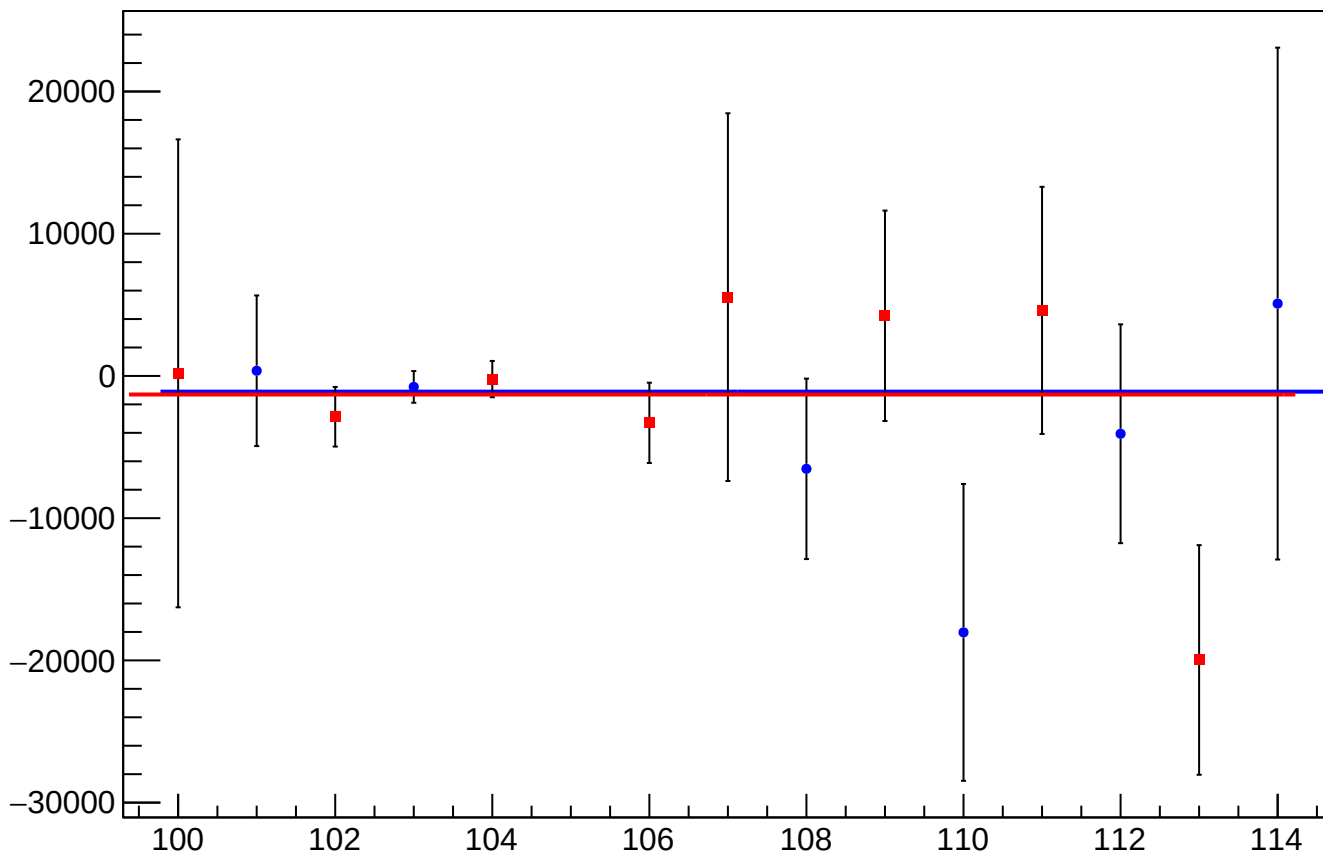
Right: 1991.452+/-0.594 χ^2/NDF : 313704.2/13

In: 1973.349+/-0.874 χ^2/NDF : 198096.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.452+/-0.594 χ^2/NDF : 313704.2/13

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1104.310+/-1057.076 χ^2/NDF : 3.8/5

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

Right Out: -1304.623+/-988.119 χ^2/NDF : 8.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

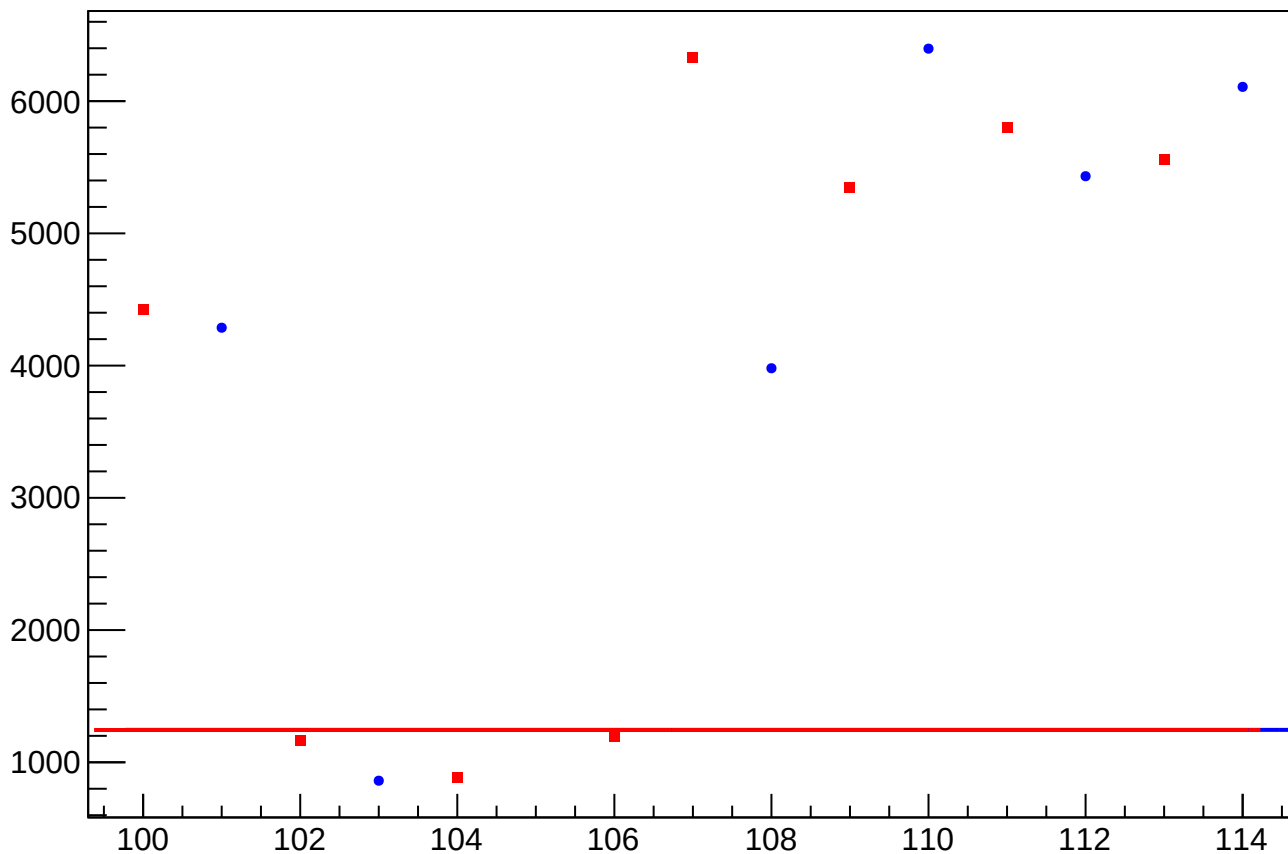
Right: -1211.213+/-721.853 χ^2/NDF : 12.2/13

In: -1104.310+/-1057.076 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1211.213+/-721.853 χ^2/NDF : 12.2/13

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

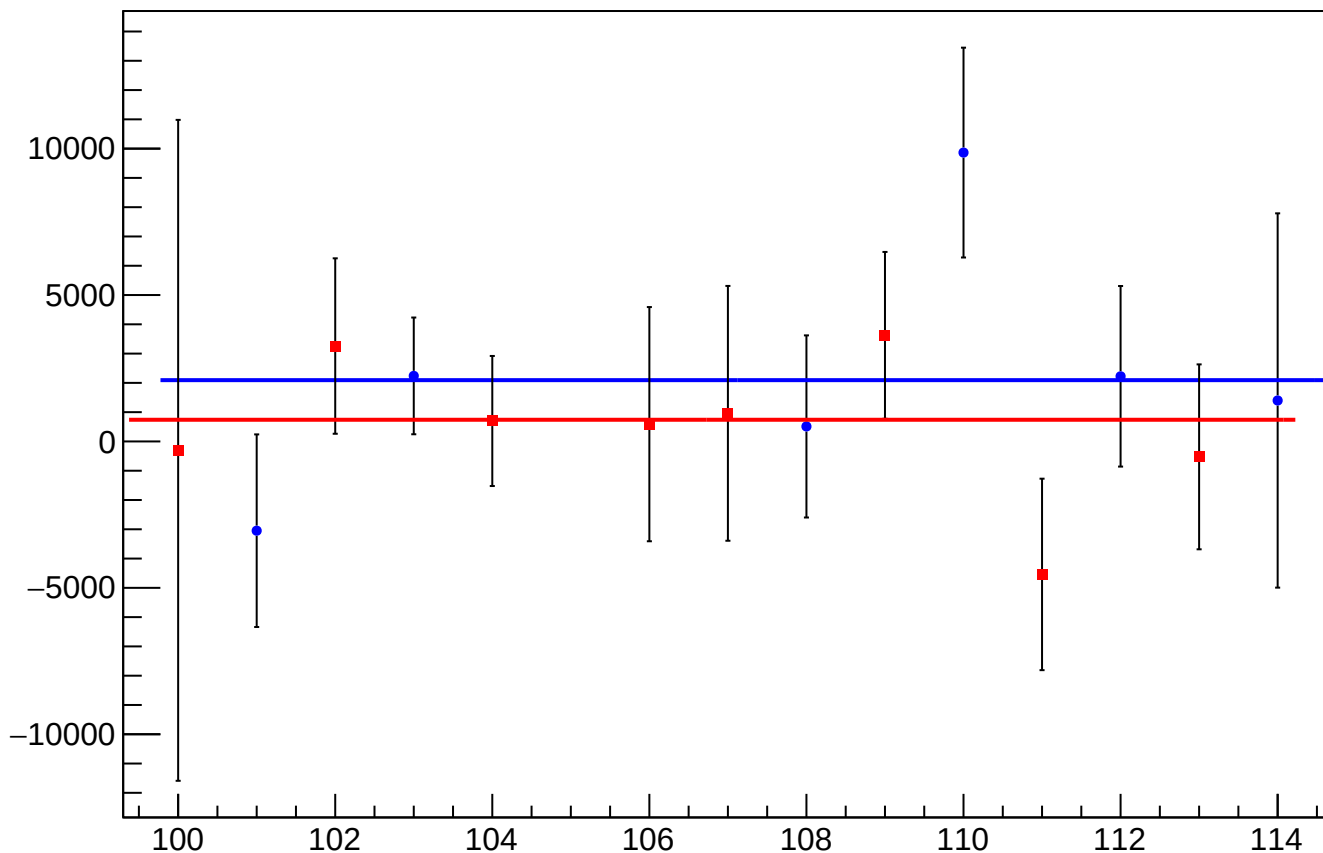
Right: 1244.702+/-0.510 χ^2/NDF : 4779743.8/13

In: 1245.259+/-0.747 χ^2/NDF :2495509.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1244.702+/-0.510 χ^2/NDF : 4779743.8/13

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

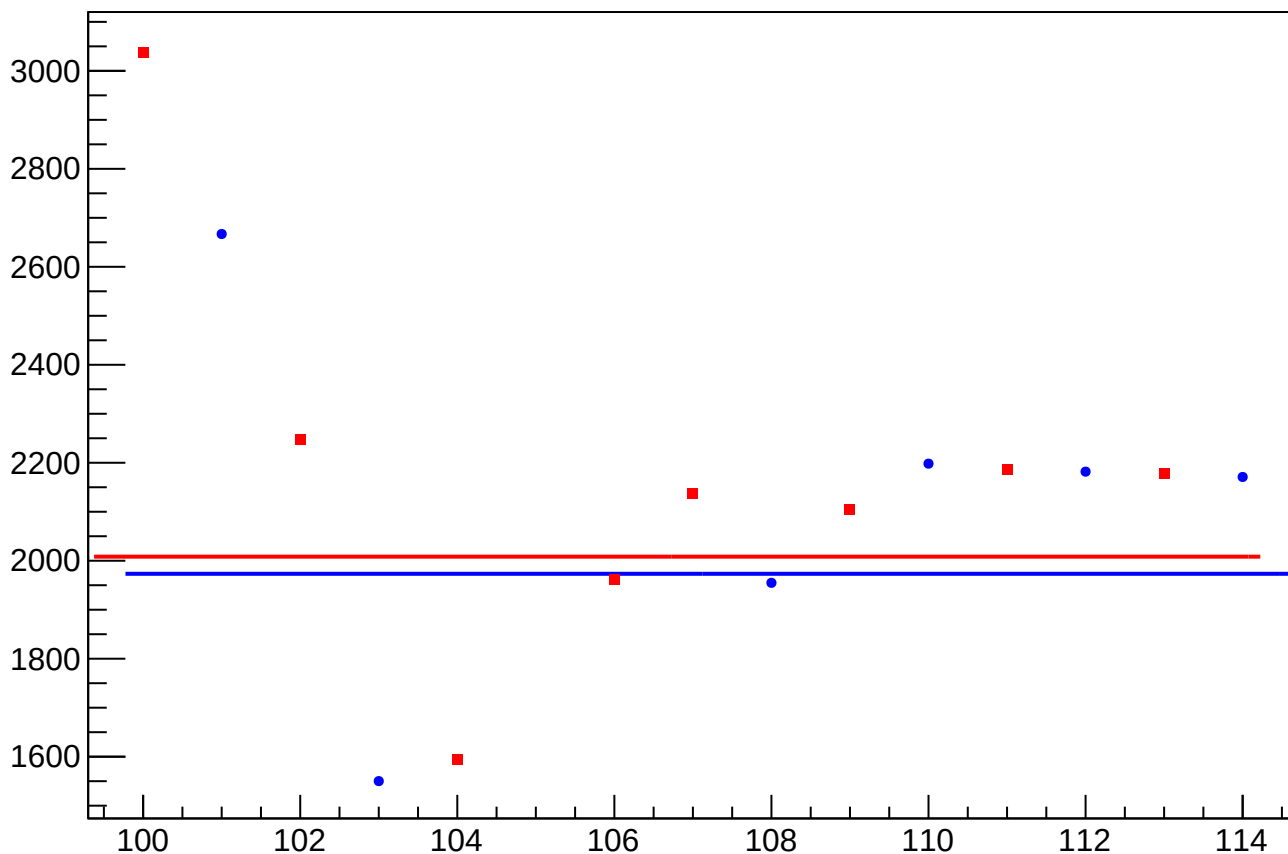
Right: 1369.039+/-842.305 χ^2 /NDF: 12.6/13

In: 2093.083+/-1235.555 χ^2 /NDF:7.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1369.039+/-842.305 χ^2 /NDF: 12.6/13

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

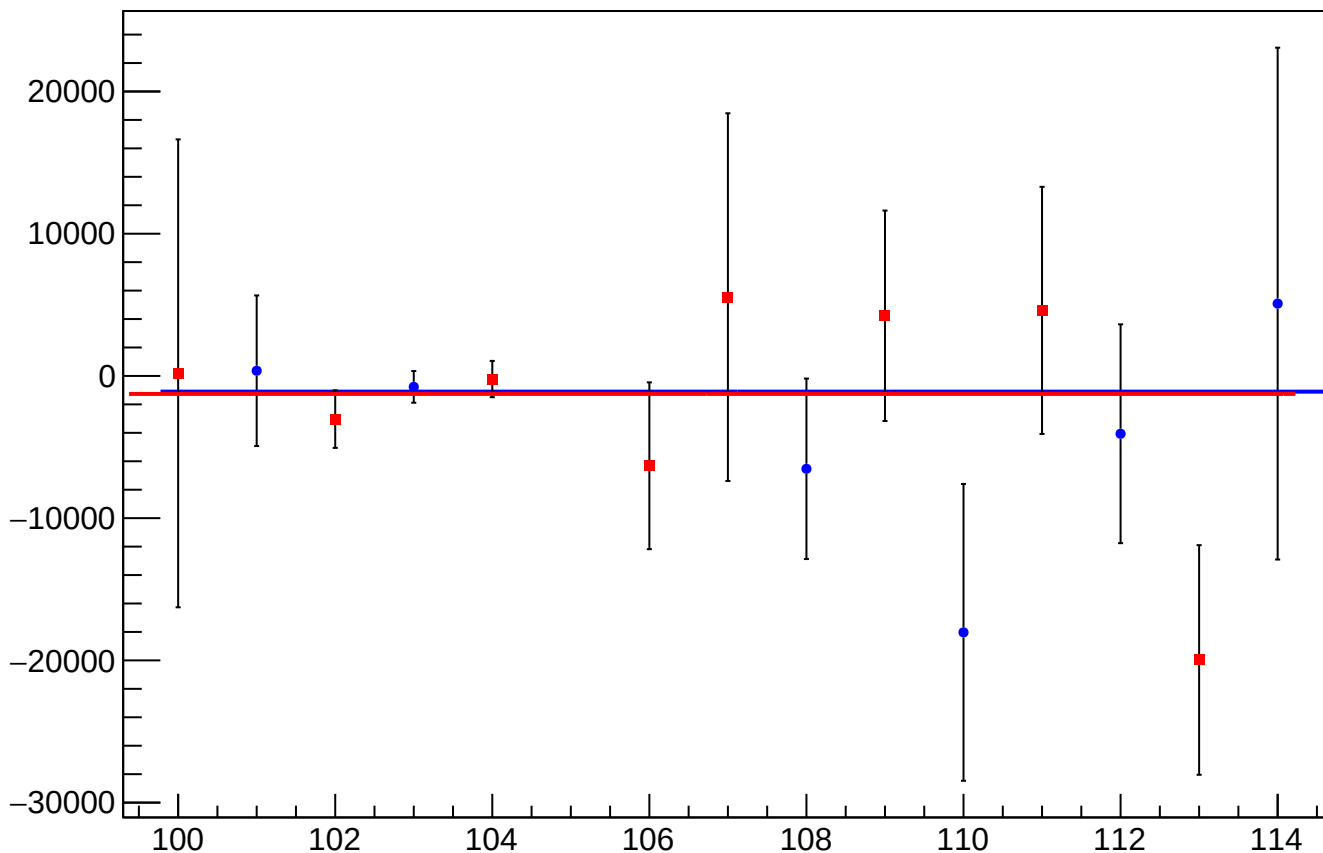
Right: 1992.166+/-0.594 χ^2/NDF : 313558.3/13

In: 1973.349+/-0.874 χ^2/NDF : 198096.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.166+/-0.594 χ^2/NDF : 313558.3/13

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

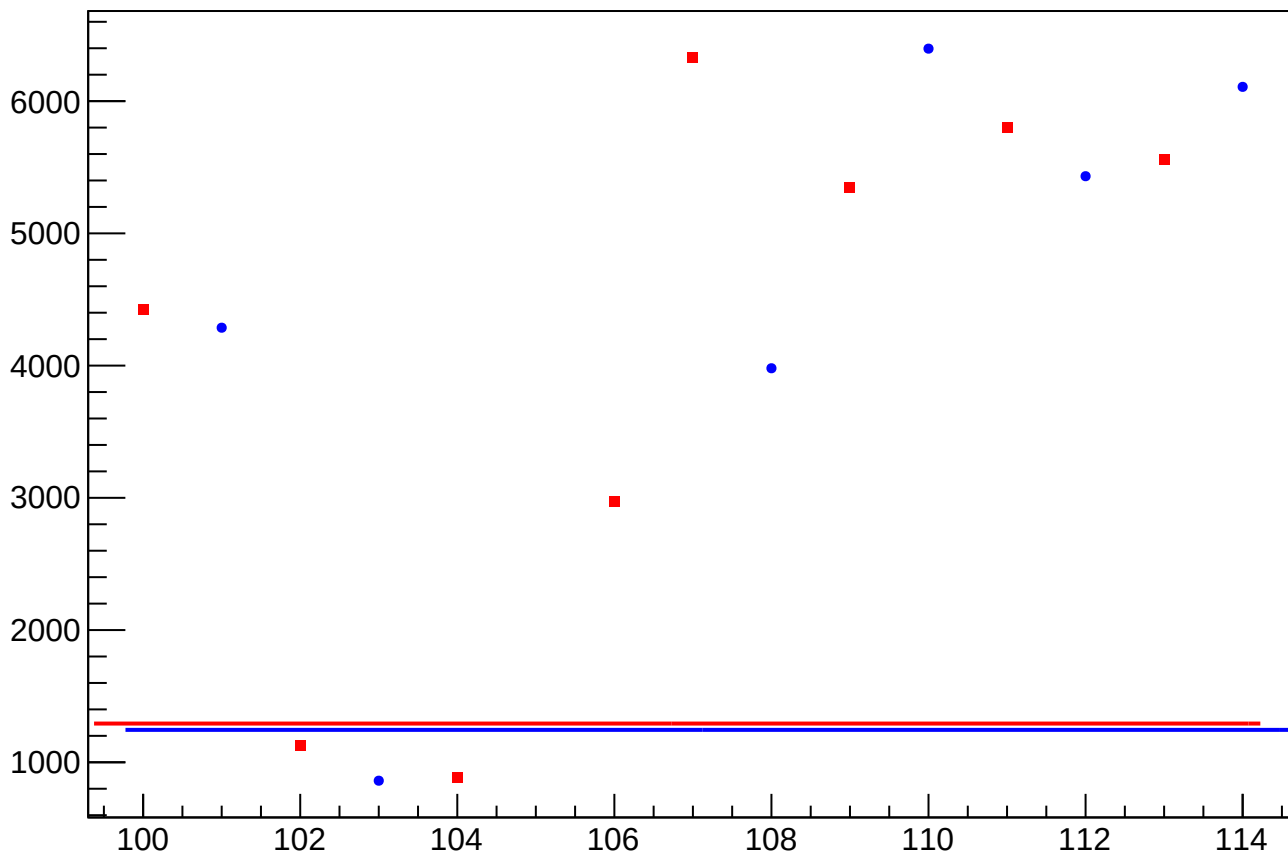
Right: -1186.206+/-737.293 χ^2/NDF : 12.7/13

In: -1103.702+/-1057.005 χ^2/NDF :3.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1186.206+/-737.293 χ^2/NDF : 12.7/13

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1245.157+/-0.747 χ^2/NDF : 2495614.2/5

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

Right Out: 1292.933+/-0.728 χ^2/NDF : 2455739.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

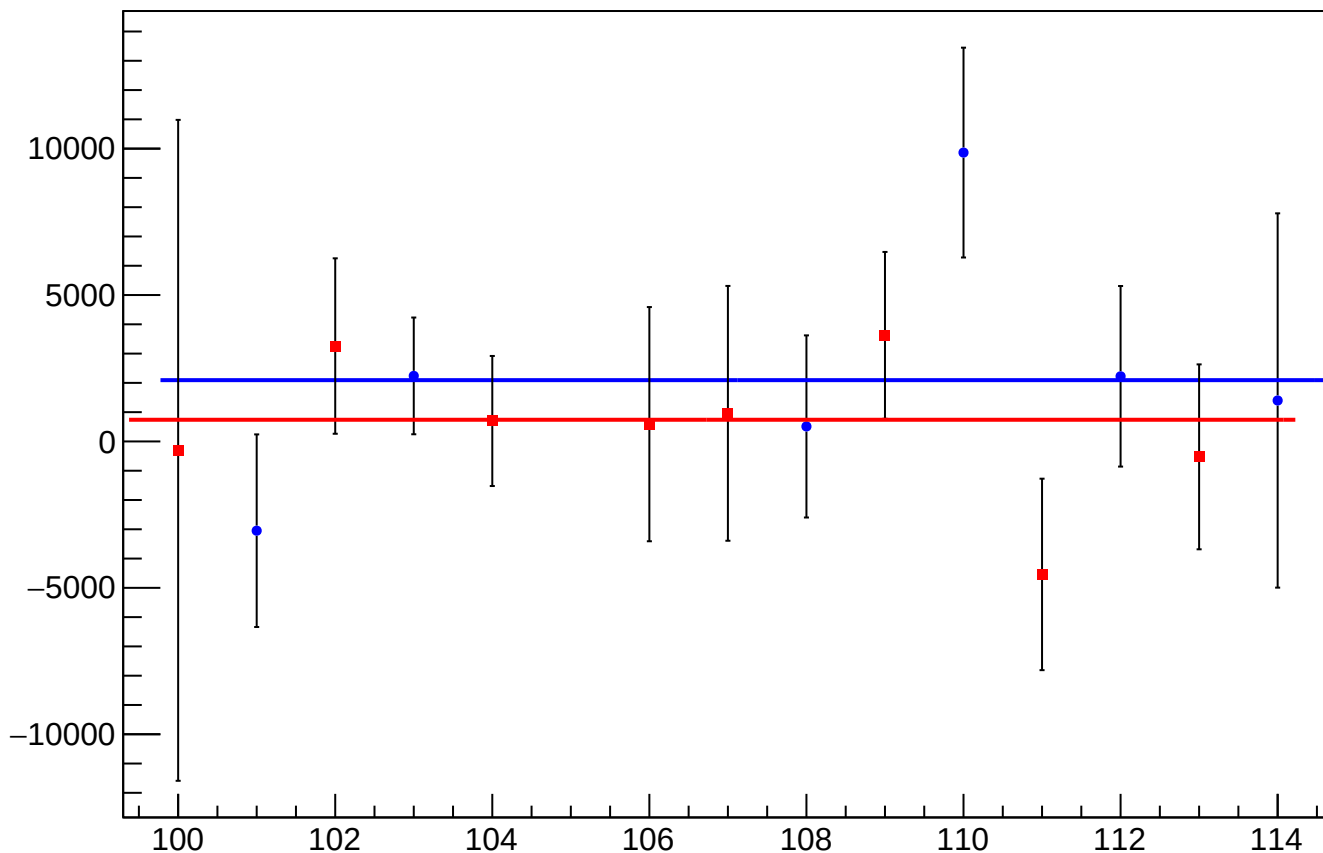
Right: 1269.687+/-0.521 χ^2/NDF : 4953451.9/13

In: 1245.157+/-0.747 χ^2/NDF : 2495614.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.687+/-0.521 χ^2/NDF : 4953451.9/13

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

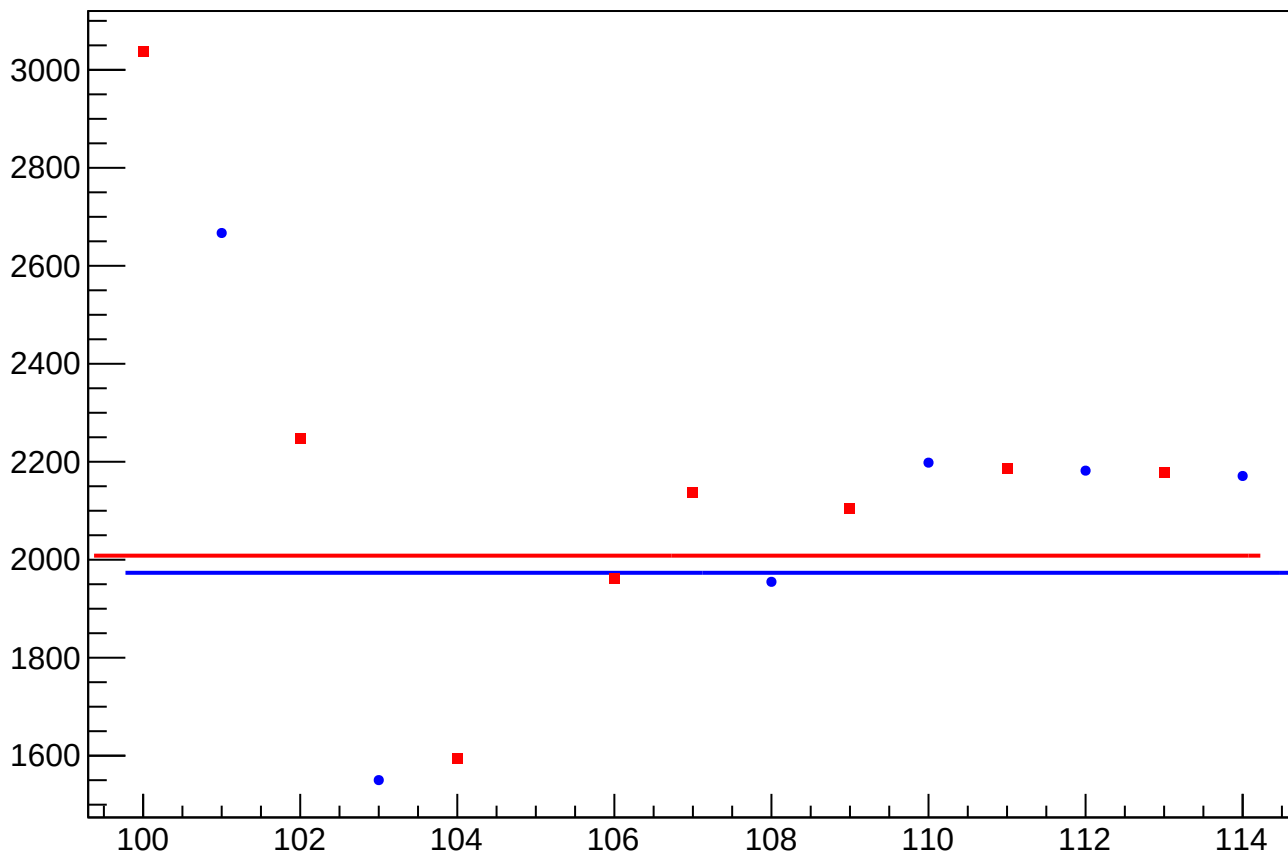
Right: 1369.039+/-842.305 χ^2/NDF : 12.6/13

In: 2093.083+/-1235.555 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.039+/-842.305 χ^2/NDF : 12.6/13

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

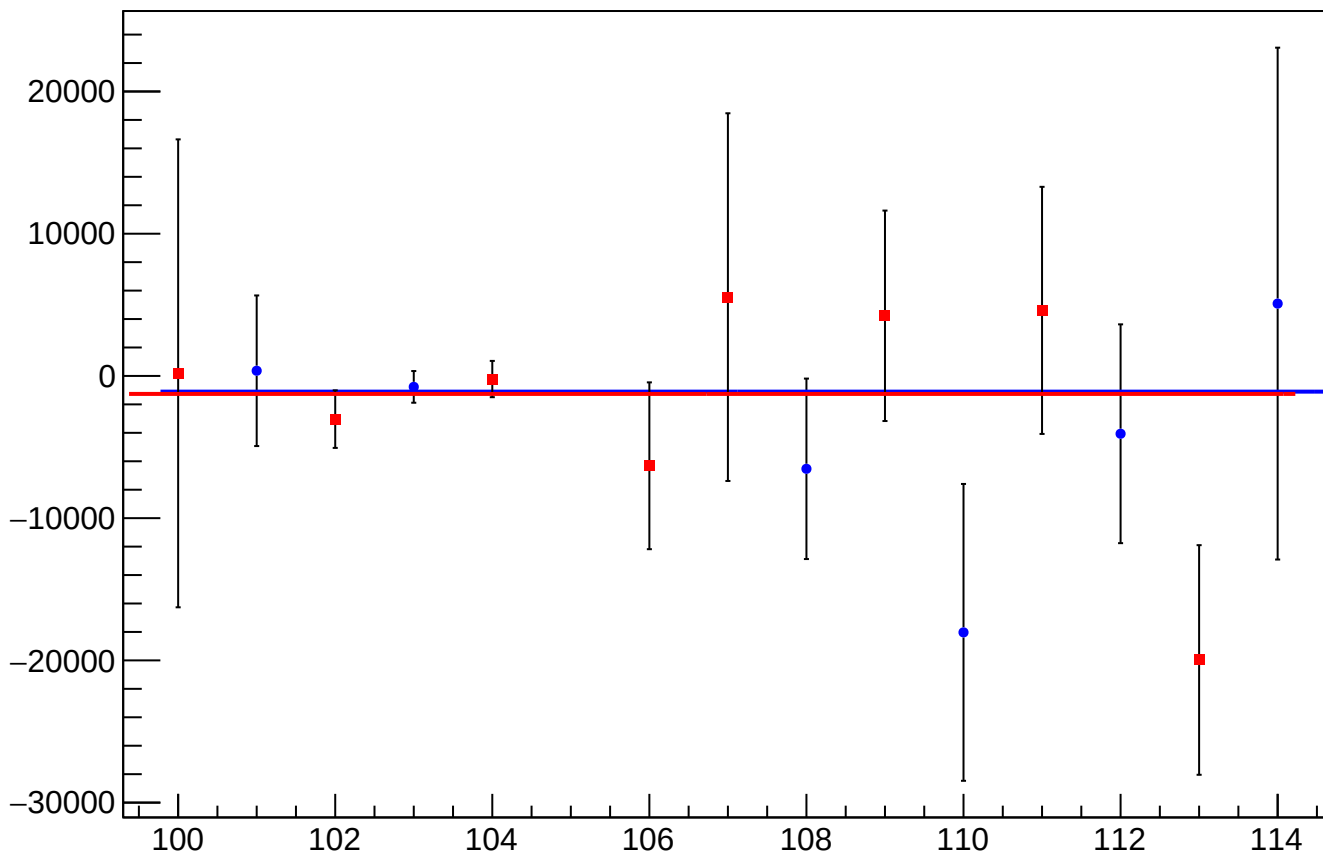
Right: 1992.166+/-0.594 χ^2/NDF : 313558.3/13

In: 1973.349+/-0.874 χ^2/NDF : 198096.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.166+/-0.594 χ^2/NDF : 313558.3/13

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

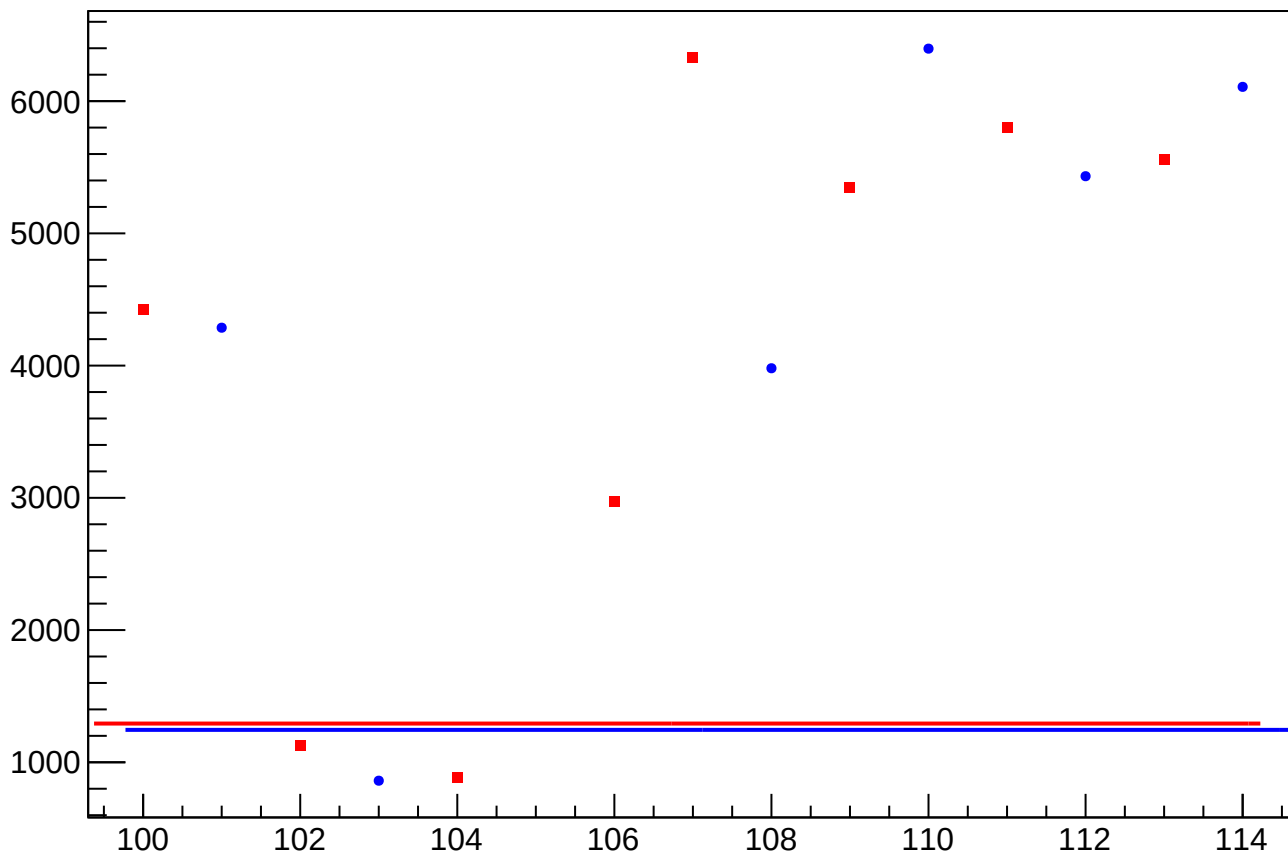
Right: -1186.206+/-737.293 χ^2/NDF : 12.7/13

In: -1103.702+/-1057.005 χ^2/NDF :3.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1186.206+/-737.293 χ^2/NDF : 12.7/13

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1245.157+/-0.747 χ^2/NDF : 2495614.2/5

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

Right Out: 1292.933+/-0.728 χ^2/NDF : 2455739.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

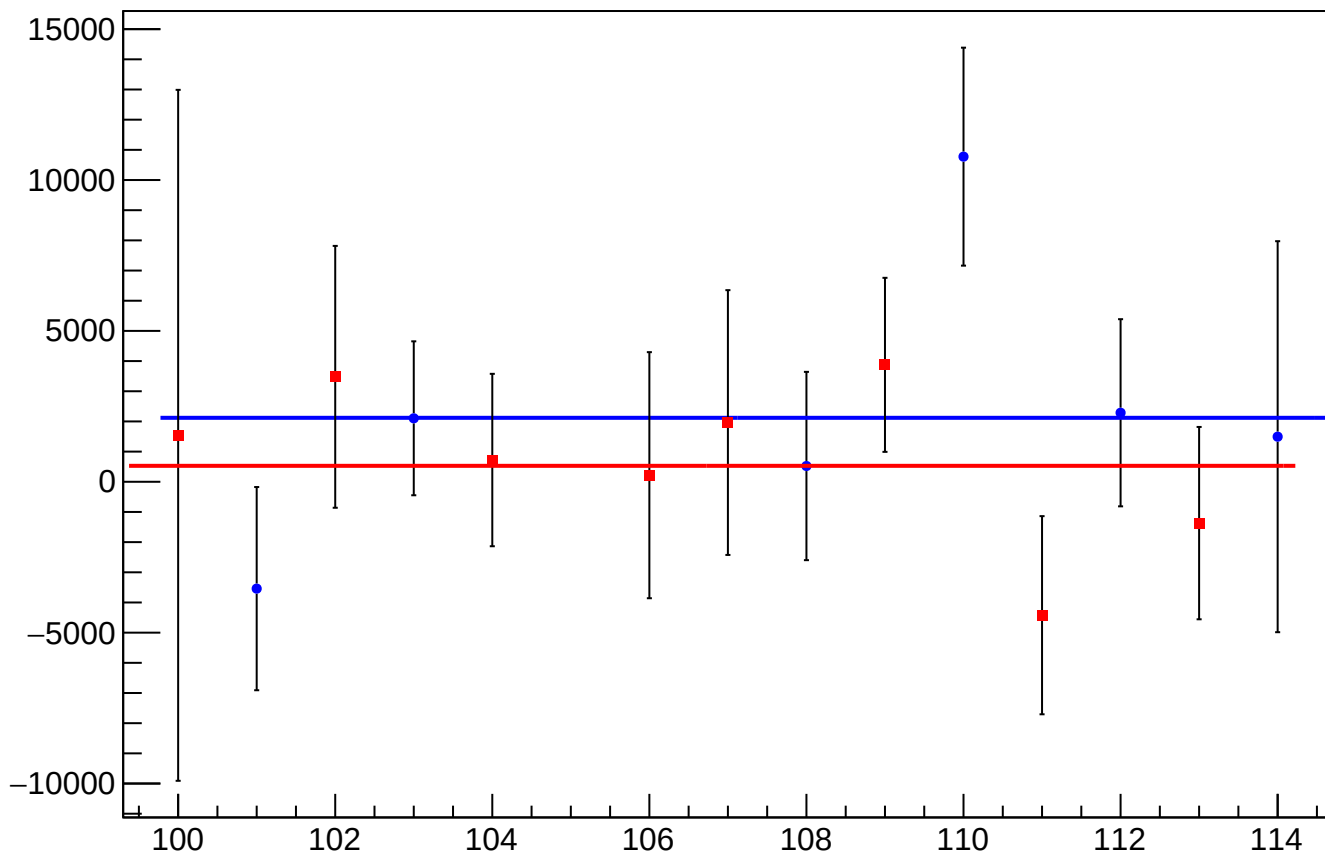
Right: 1269.687+/-0.521 χ^2/NDF : 4953451.9/13

In: 1245.157+/-0.747 χ^2/NDF : 2495614.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.687+/-0.521 χ^2/NDF : 4953451.9/13

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2120.067+/-1349.522 χ^2/NDF : 8.8/5

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

Right Out: 528.654+/-1283.712 χ^2/NDF : 4.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

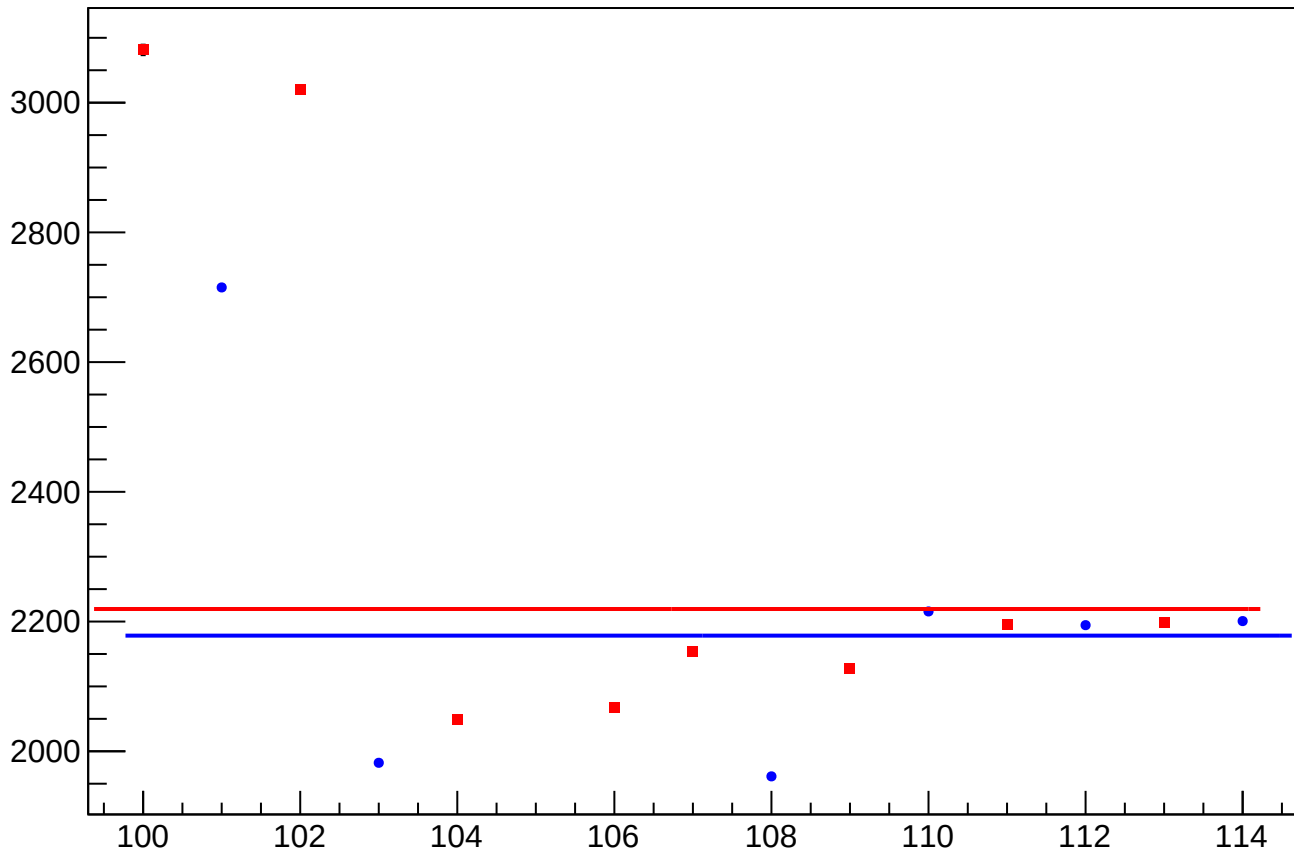
Right: 1284.612+/-930.117 χ^2/NDF : 14.1/13

In: 2120.067+/-1349.522 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.612+/-930.117 χ^2/NDF : 14.1/13

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

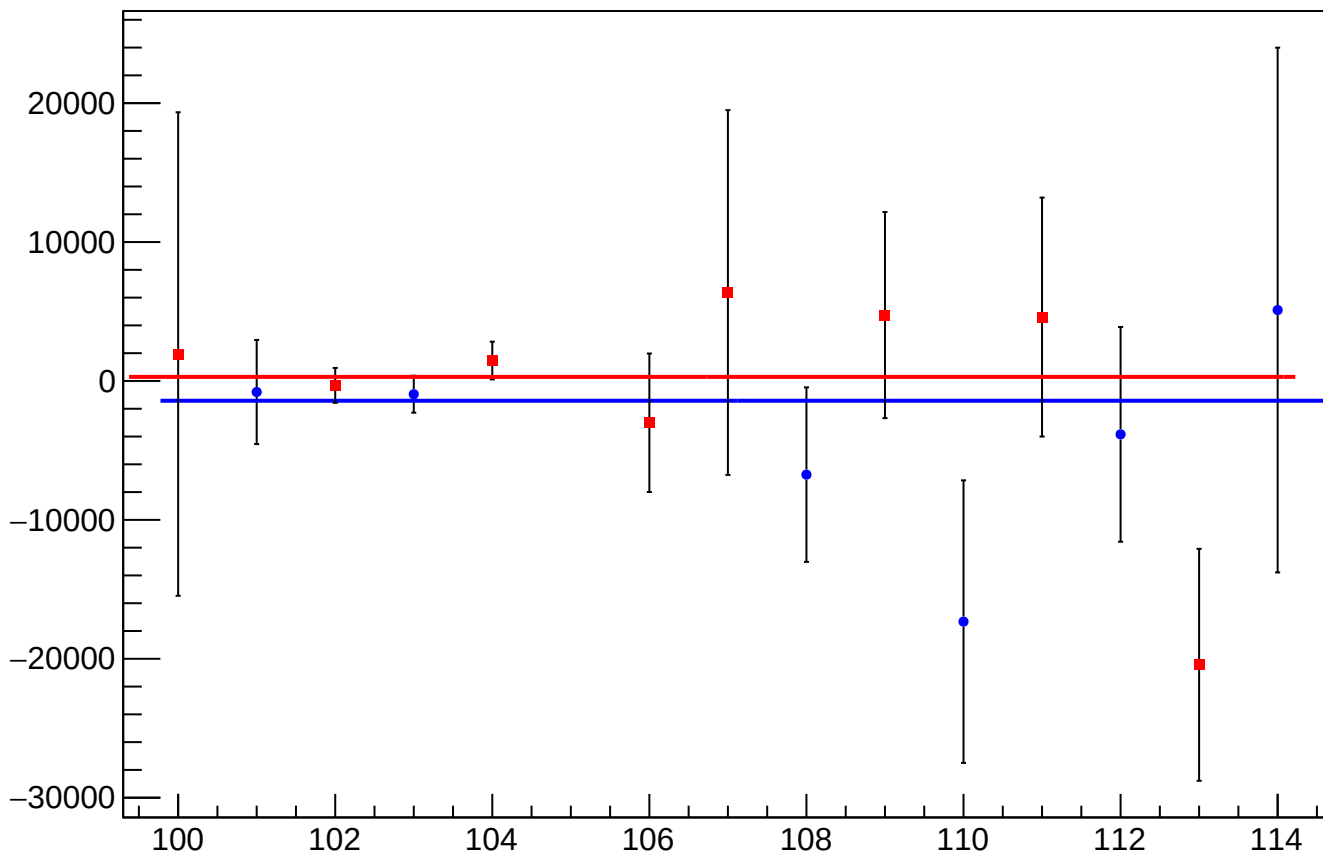
Right: 2199.903+/-0.657 χ^2/NDF : 165862.9/13

In: 2178.301+/-0.954 χ^2/NDF : 72618.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.903+/-0.657 χ^2/NDF : 165862.9/13

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1423.568+/-1203.269 χ^2/NDF : 3.5/5

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

Right Out: 293.966+/-886.146 χ^2/NDF : 8.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

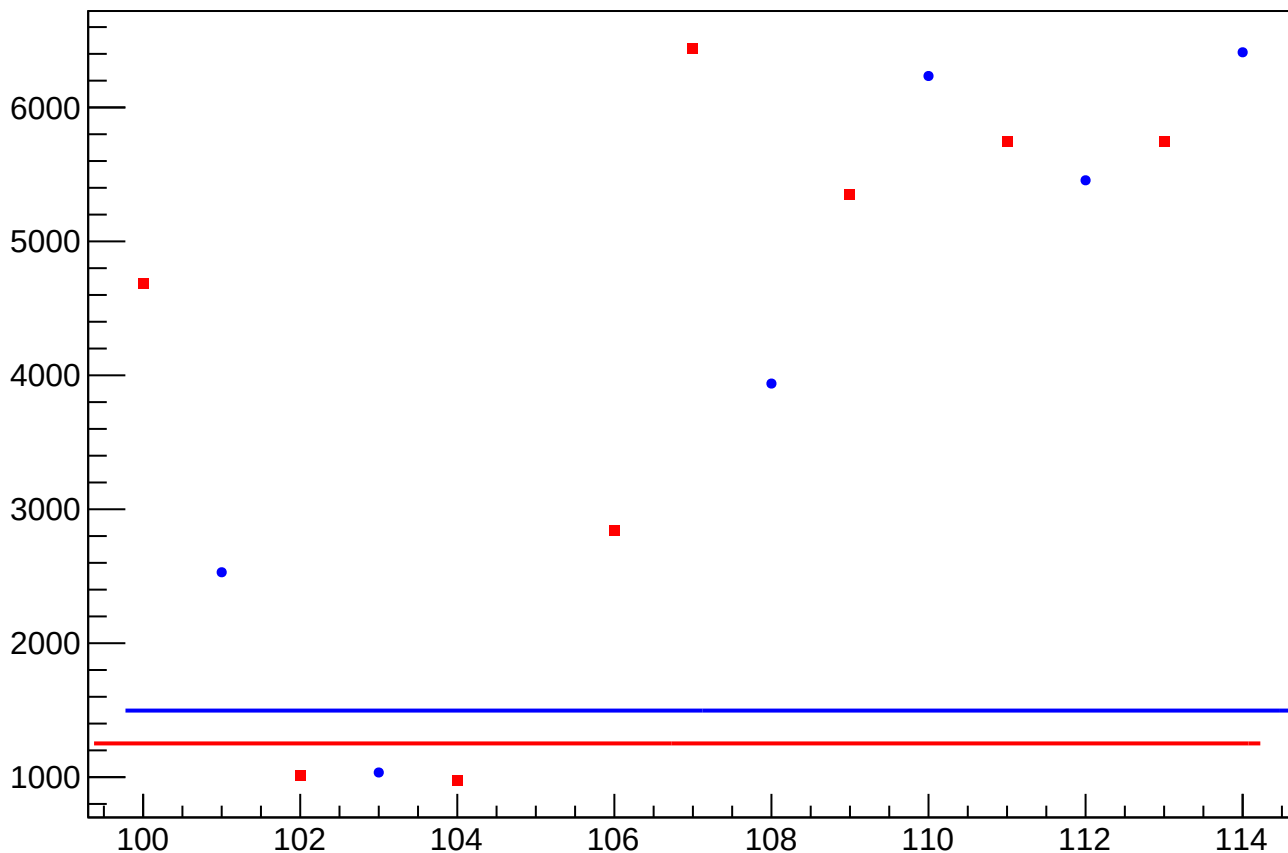
Right: -309.991+/-713.531 χ^2/NDF : 13.3/13

In: -1423.568+/-1203.269 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.991+/-713.531 χ^2/NDF : 13.3/13

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

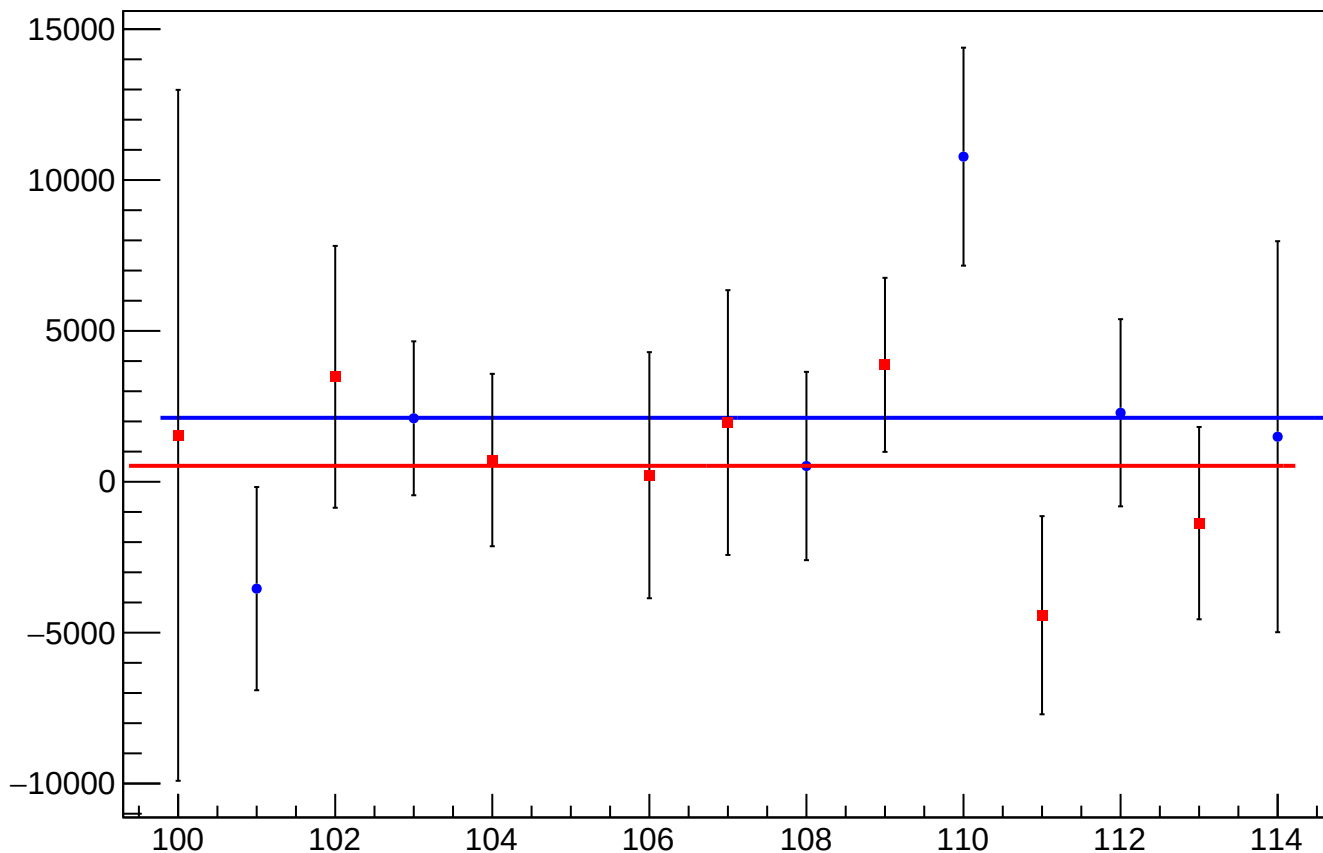
Right: 1338.057+/-0.505 χ^2/NDF : 4331310.6/13

In: 1497.063+/-0.851 χ^2/NDF : 1789410.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.057+/-0.505 χ^2/NDF : 4331310.6/13

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

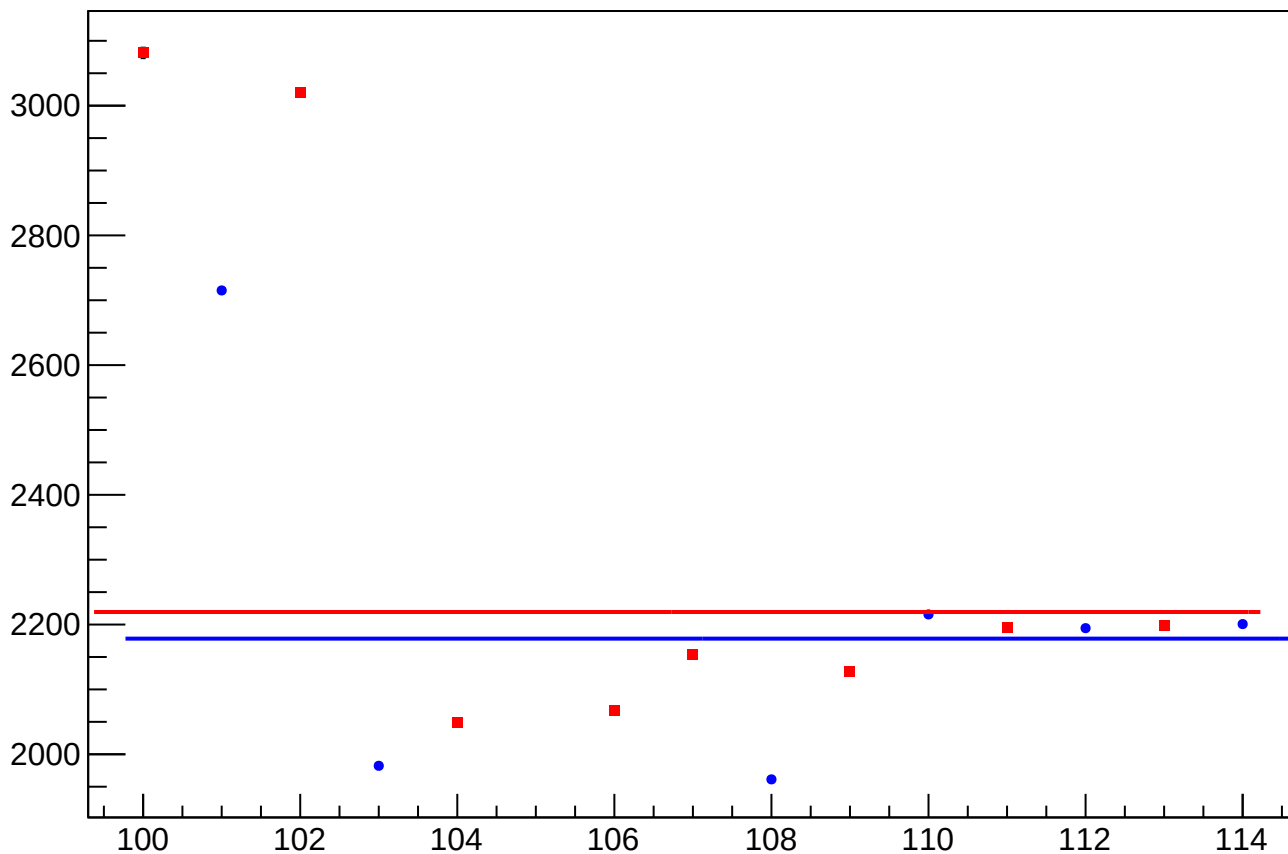
Right: 1284.612+/-930.117 χ^2/NDF : 14.1/13

In: 2120.061+/-1349.521 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.612+/-930.117 χ^2/NDF : 14.1/13

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2178.299+/-0.954 χ^2/NDF : 72619.0/5

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

Right Out: 2219.347+/-0.905 χ^2/NDF : 92270.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

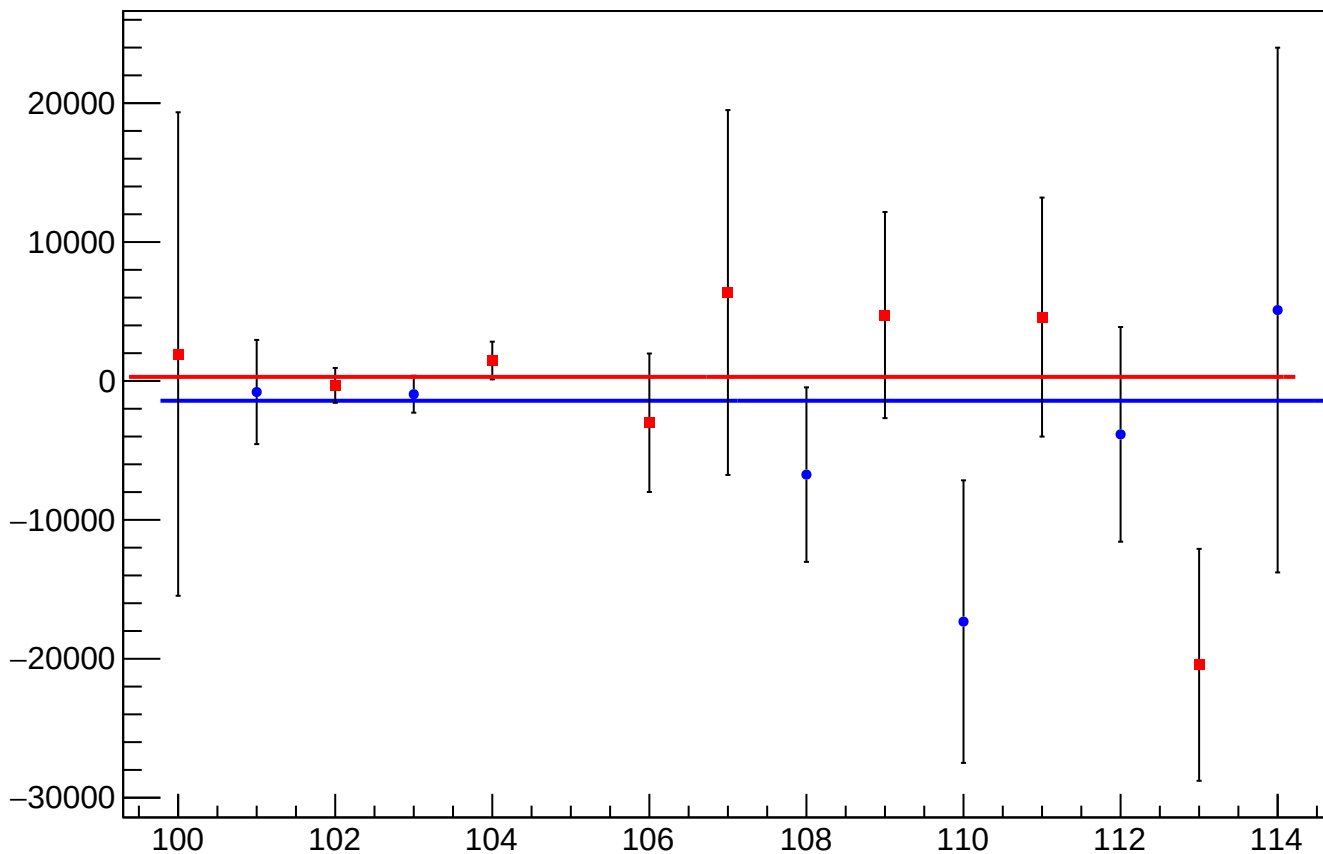
Right: 2199.901+/-0.657 χ^2/NDF : 165863.0/13

In: 2178.299+/-0.954 χ^2/NDF : 72619.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.901+/-0.657 χ^2/NDF : 165863.0/13

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1423.574+/-1203.269 χ^2/NDF : 3.5/5

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

Right Out: 293.960+/-886.146 χ^2/NDF : 8.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

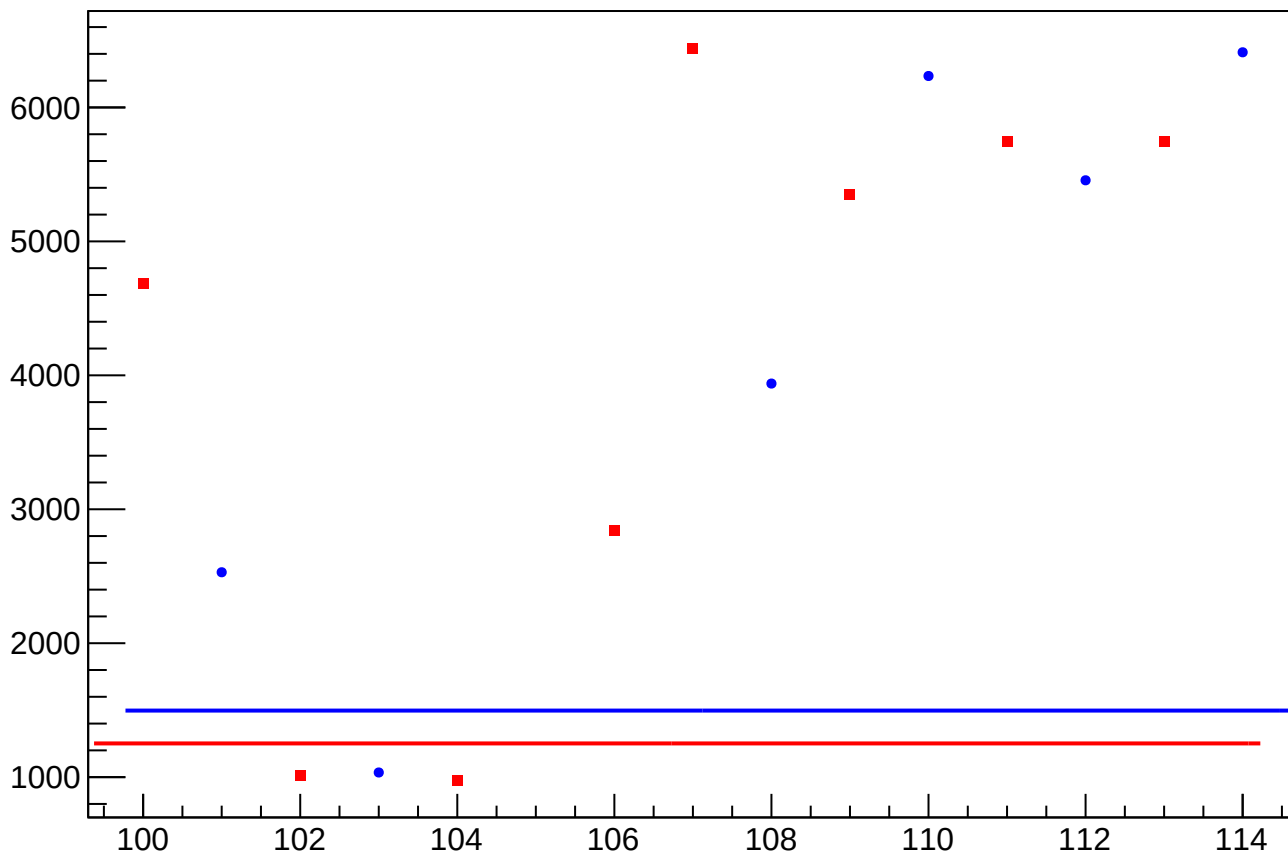
Right: -309.996+/-713.531 χ^2/NDF : 13.3/13

In: -1423.574+/-1203.269 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.996+/-713.531 χ^2/NDF : 13.3/13

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

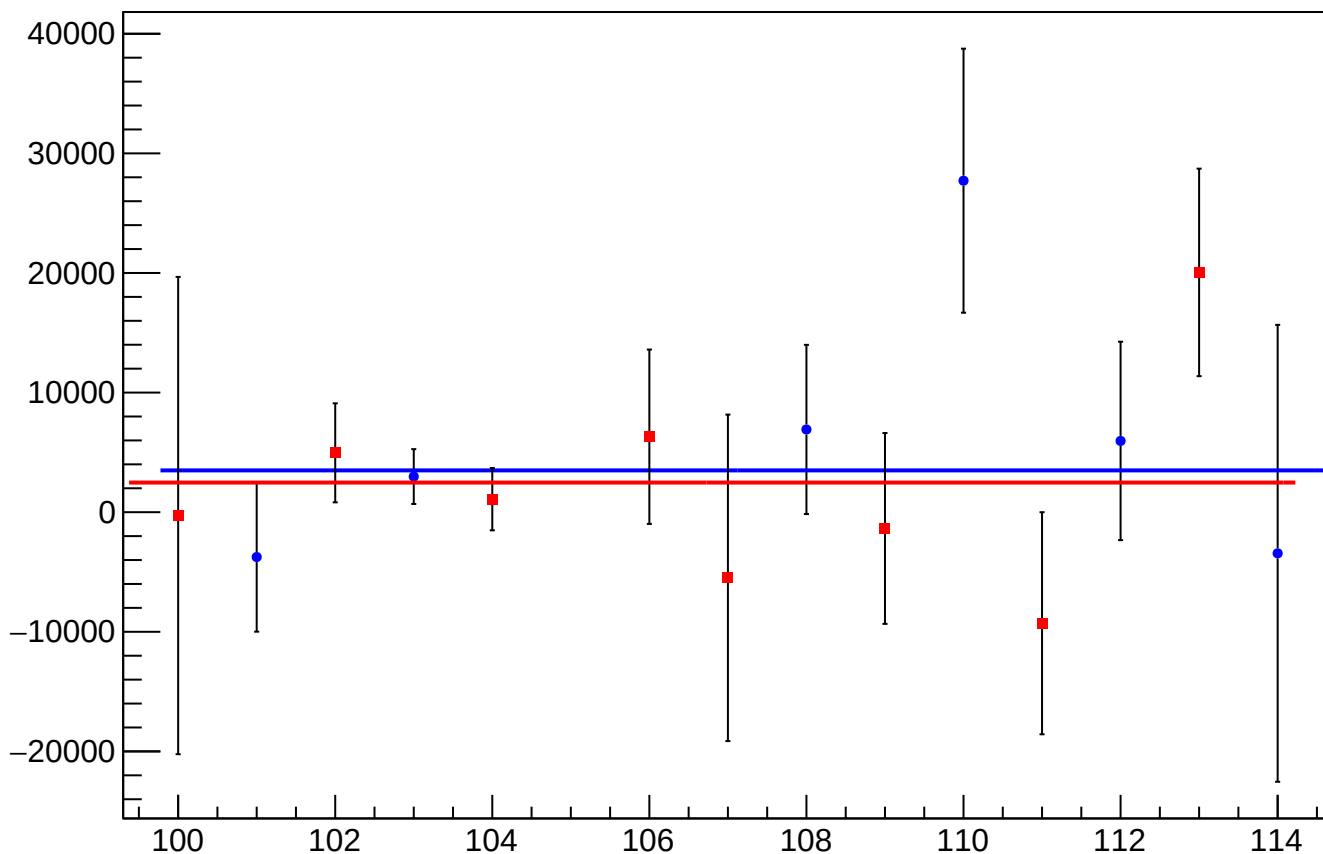
Right: 1338.056+/-0.505 χ^2/NDF : 4331308.8/13

In: 1497.062+/-0.851 χ^2/NDF : 1789410.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.056+/-0.505 χ^2/NDF : 4331308.8/13

asym_atl1r2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

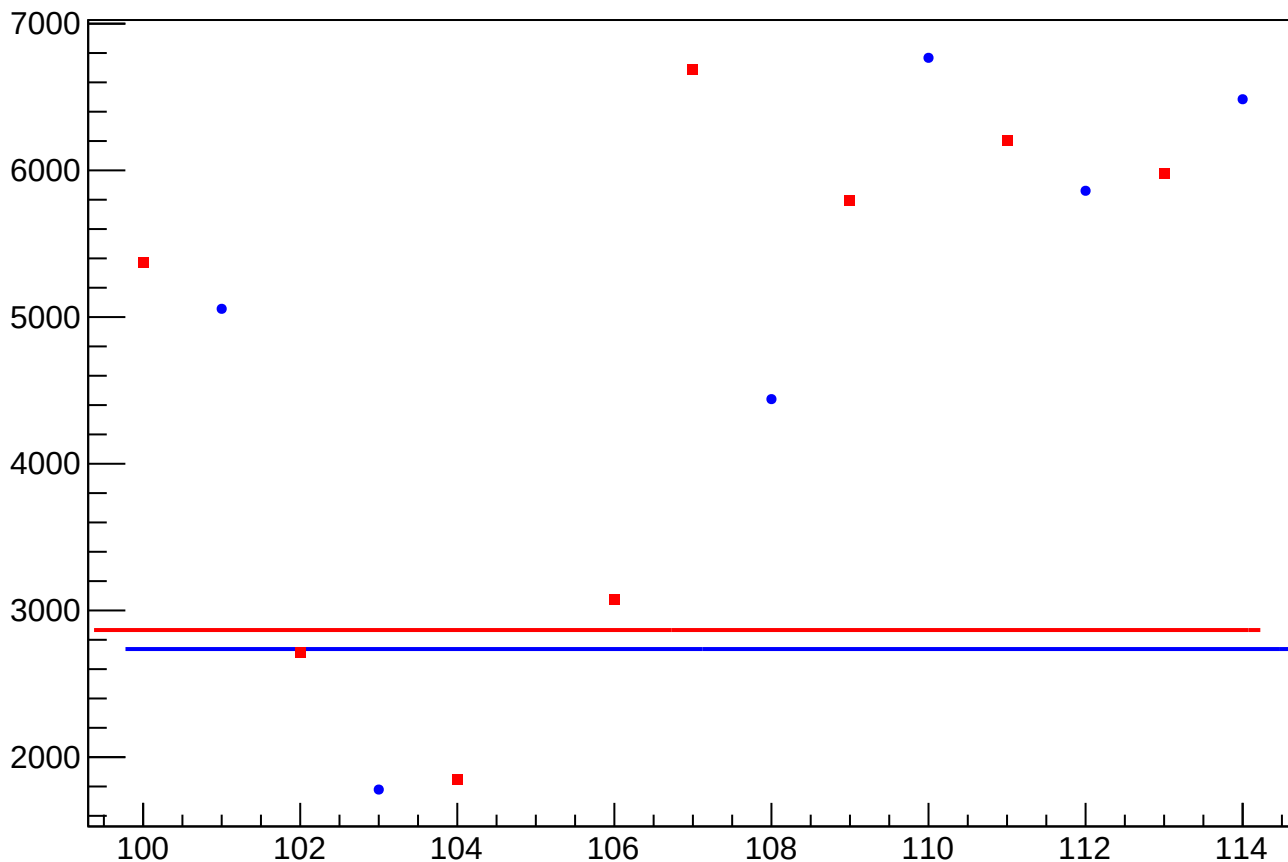
Right: 2975.084+/-1367.976 χ^2/NDF : 14.0/13

In: 3494.409+/-1955.468 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2975.084+/-1367.976 χ^2/NDF : 14.0/13

asym_atl1r2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

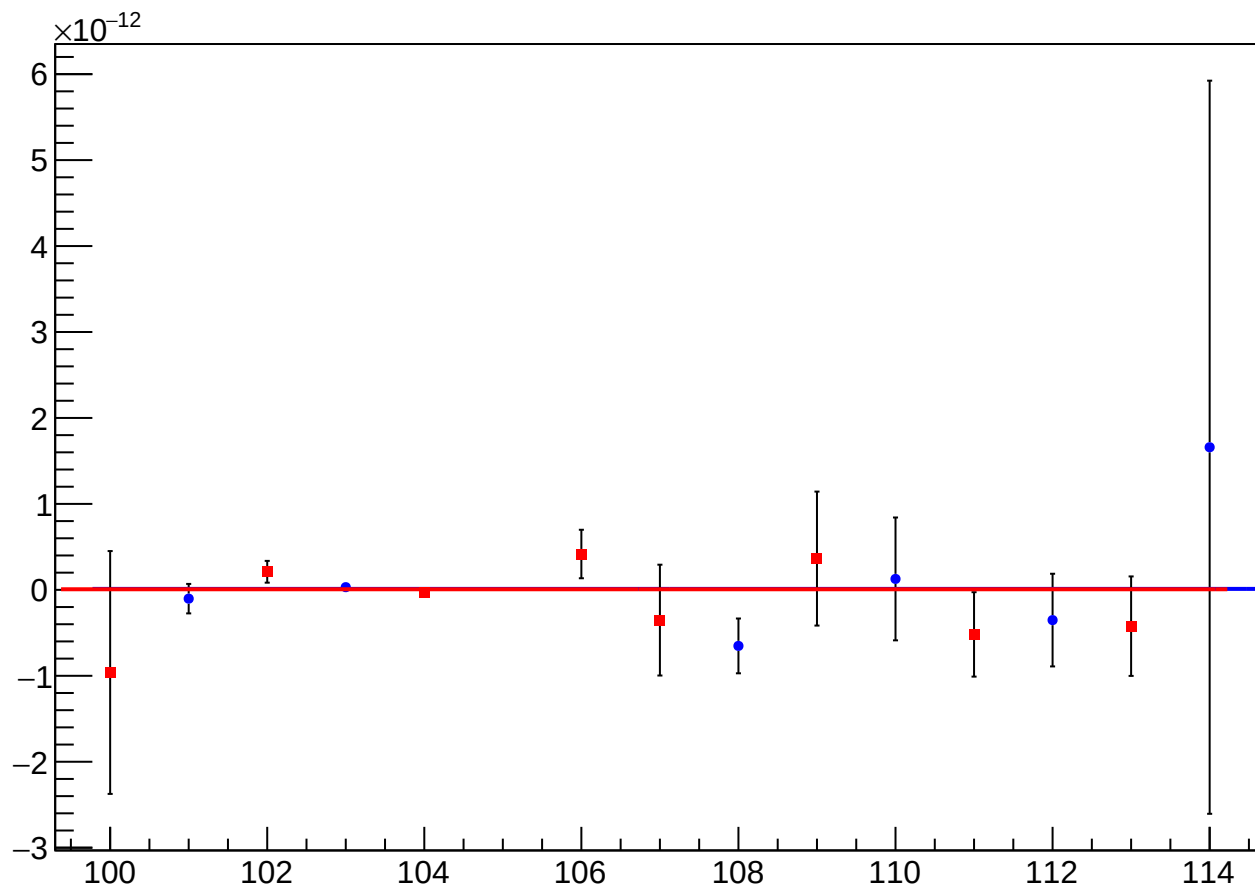
Right: 2804.105+/-0.960 χ^2/NDF : 2655907.0/13

In: 2736.951+/-1.383 χ^2/NDF : 1368896.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.105+/-0.960 χ^2/NDF : 2655907.0/13

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 7.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

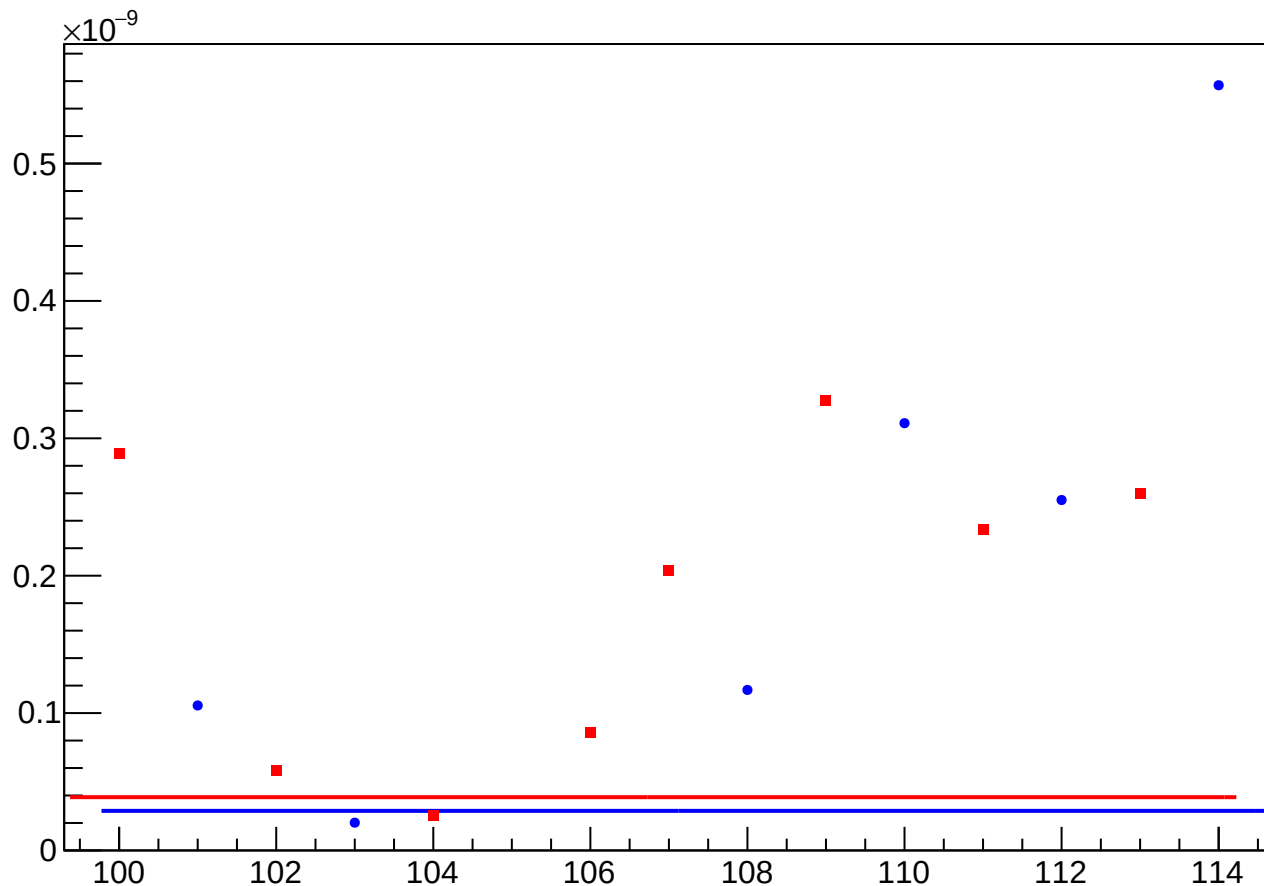
Right: 0.000+/-0.000 χ^2/NDF : 13.6/13

In: 0.000+/-0.000 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.6/13

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1330727.4/5

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1289940.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

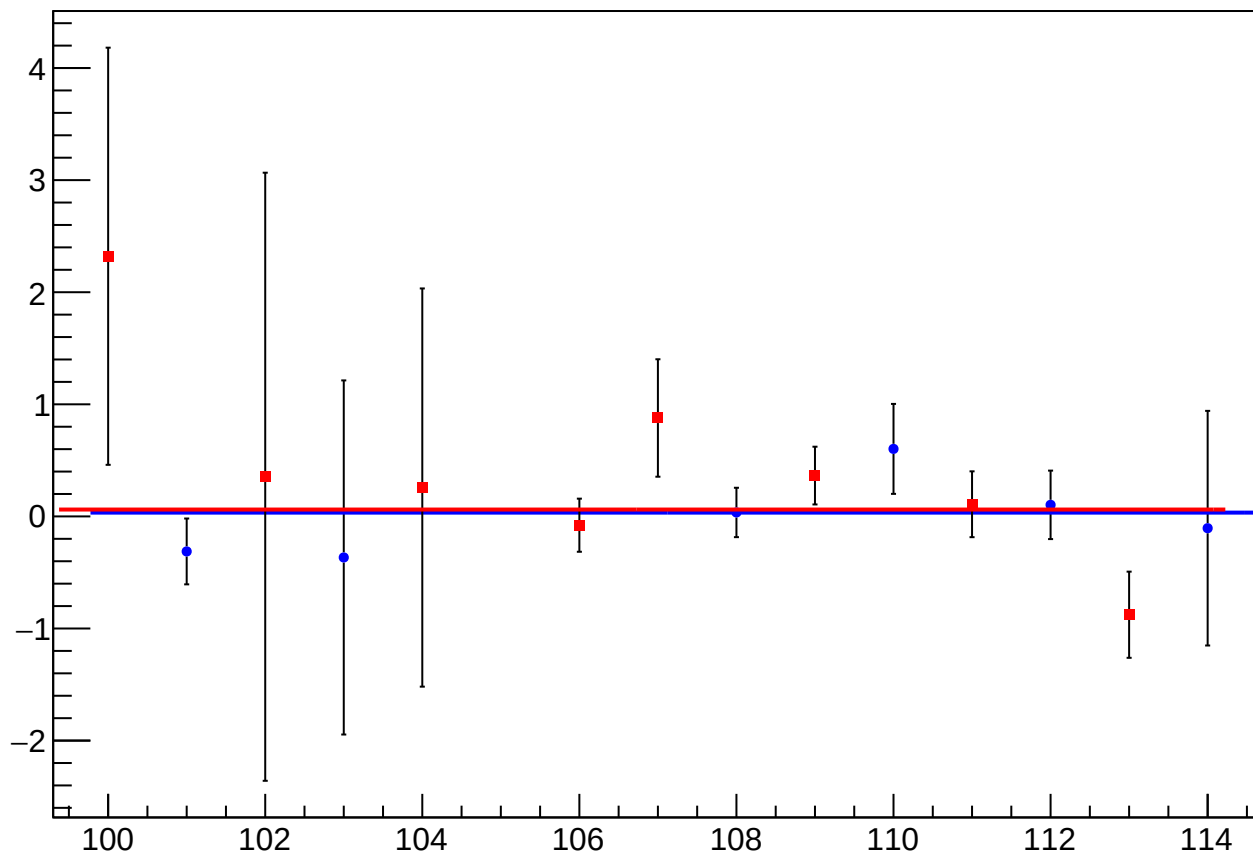
Right: 0.000+/-0.000 χ^2/NDF : 2669623.3/13

In: 0.000+/-0.000 χ^2/NDF : 1330727.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2669623.3/13

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

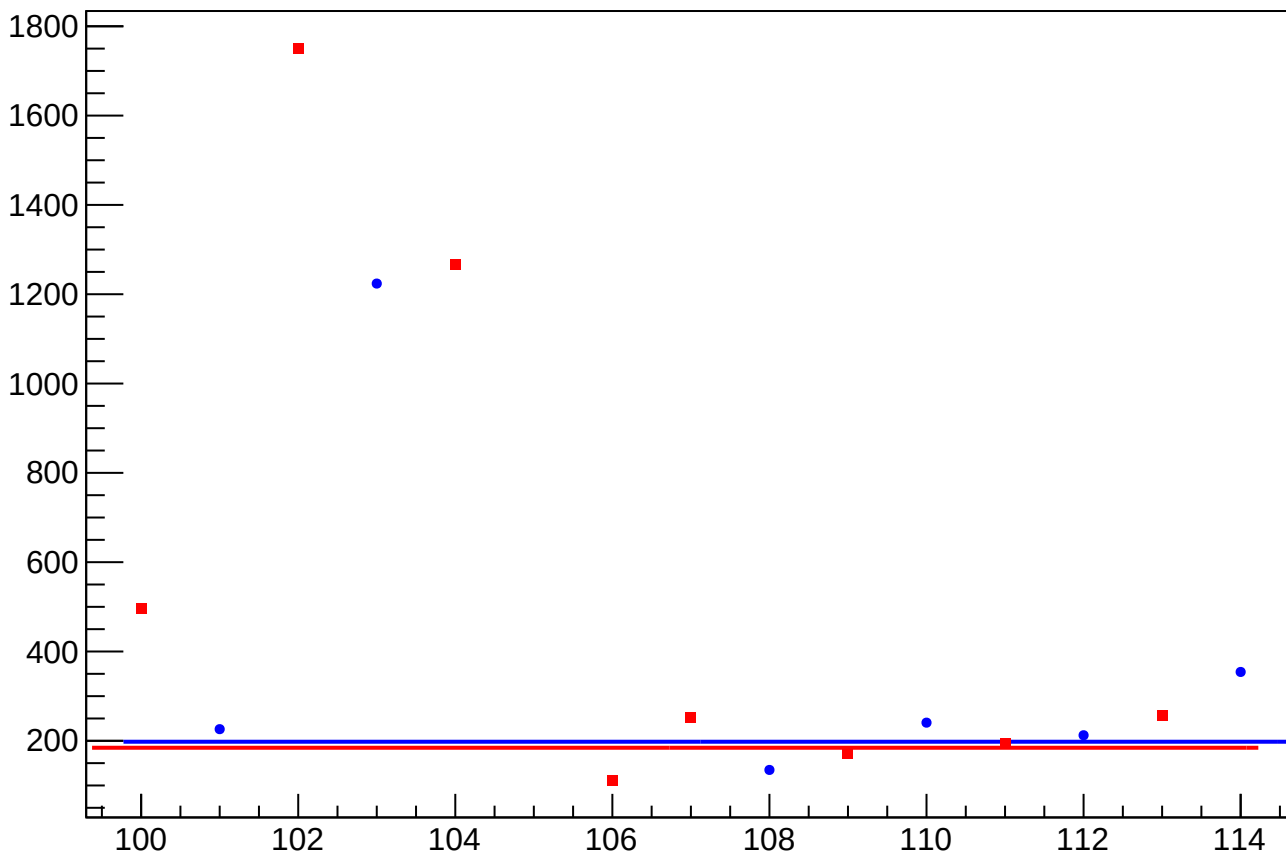
Right: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

In: 0.034 $\pm$ 0.141 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

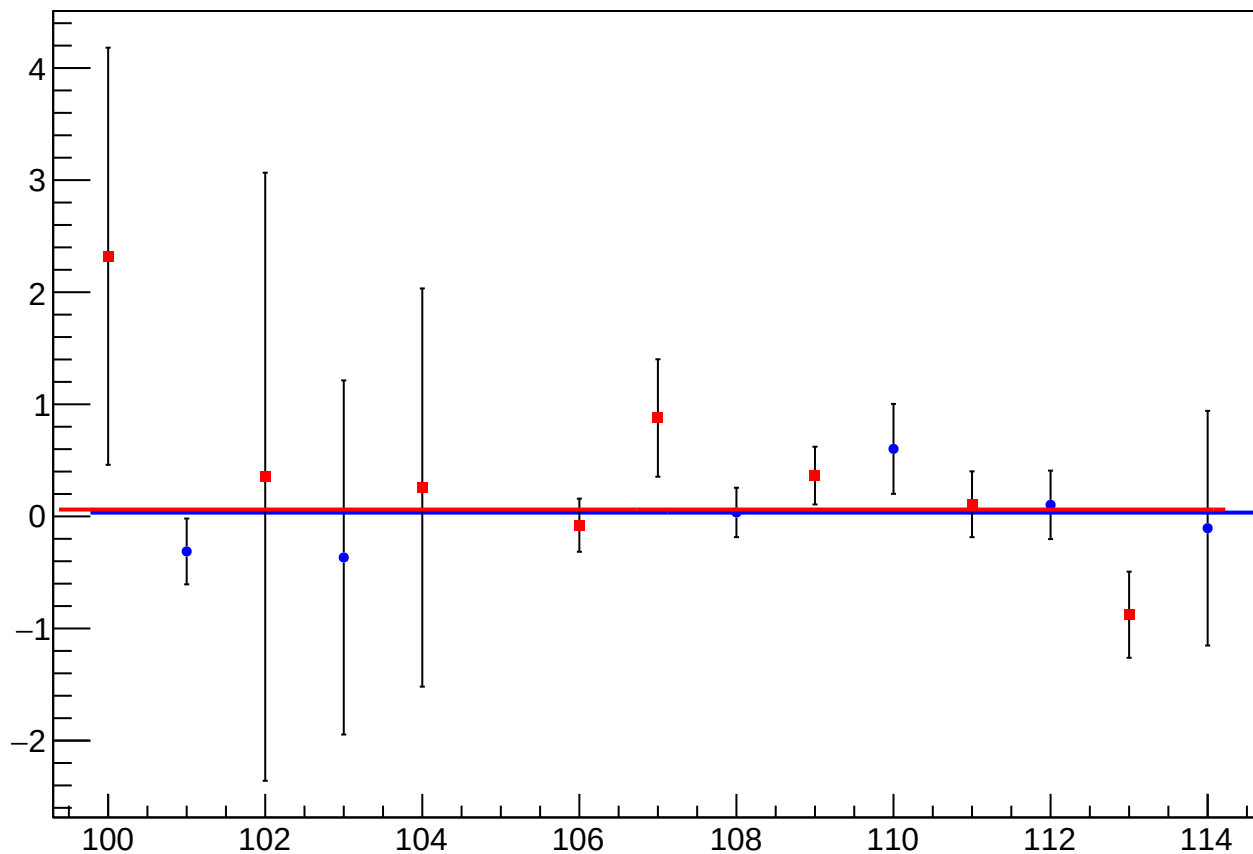
Right: 190.878+/-0.069 χ^2/NDF : 2878589.3/13

In: 197.946+/-0.100 χ^2/NDF : 1098243.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.878+/-0.069 χ^2/NDF : 2878589.3/13

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

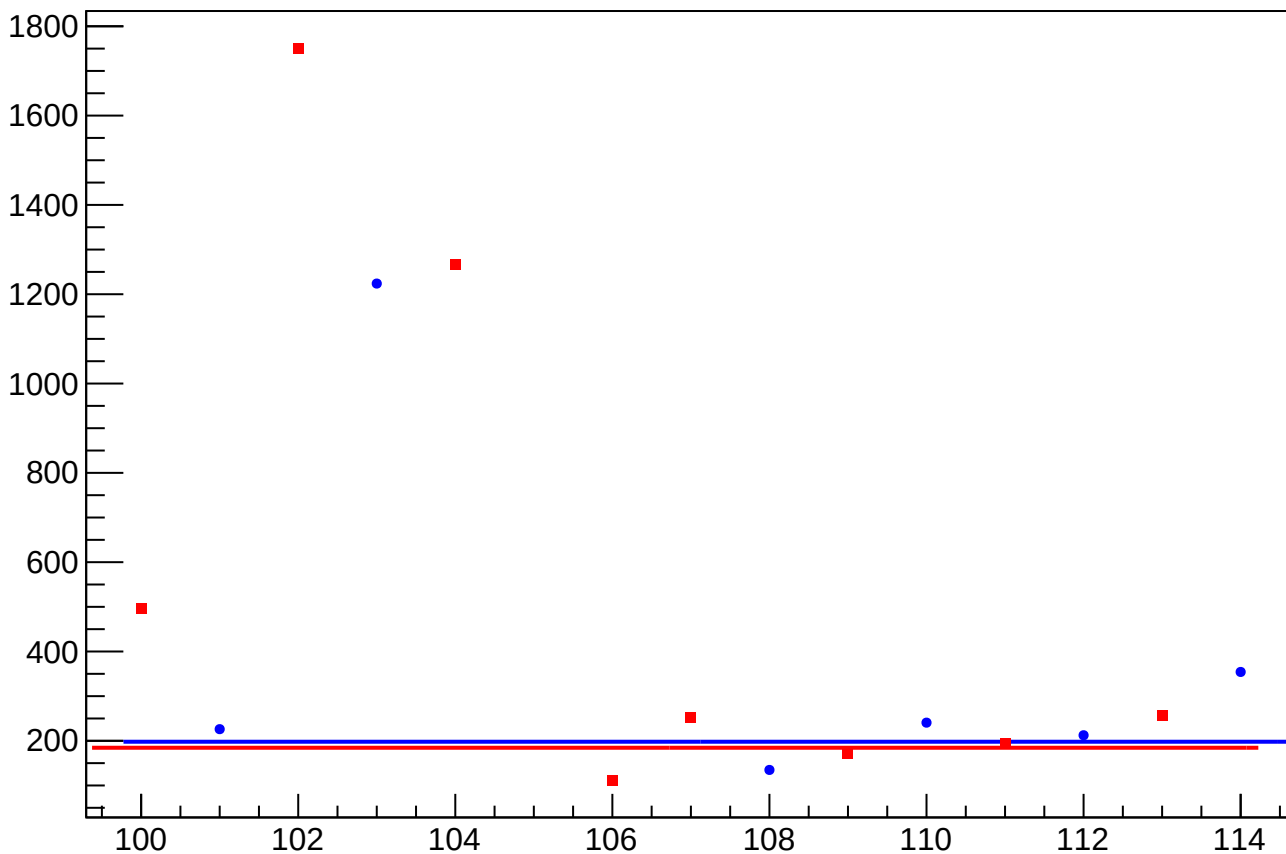
Right: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

In: 0.034 $\pm$ 0.141 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

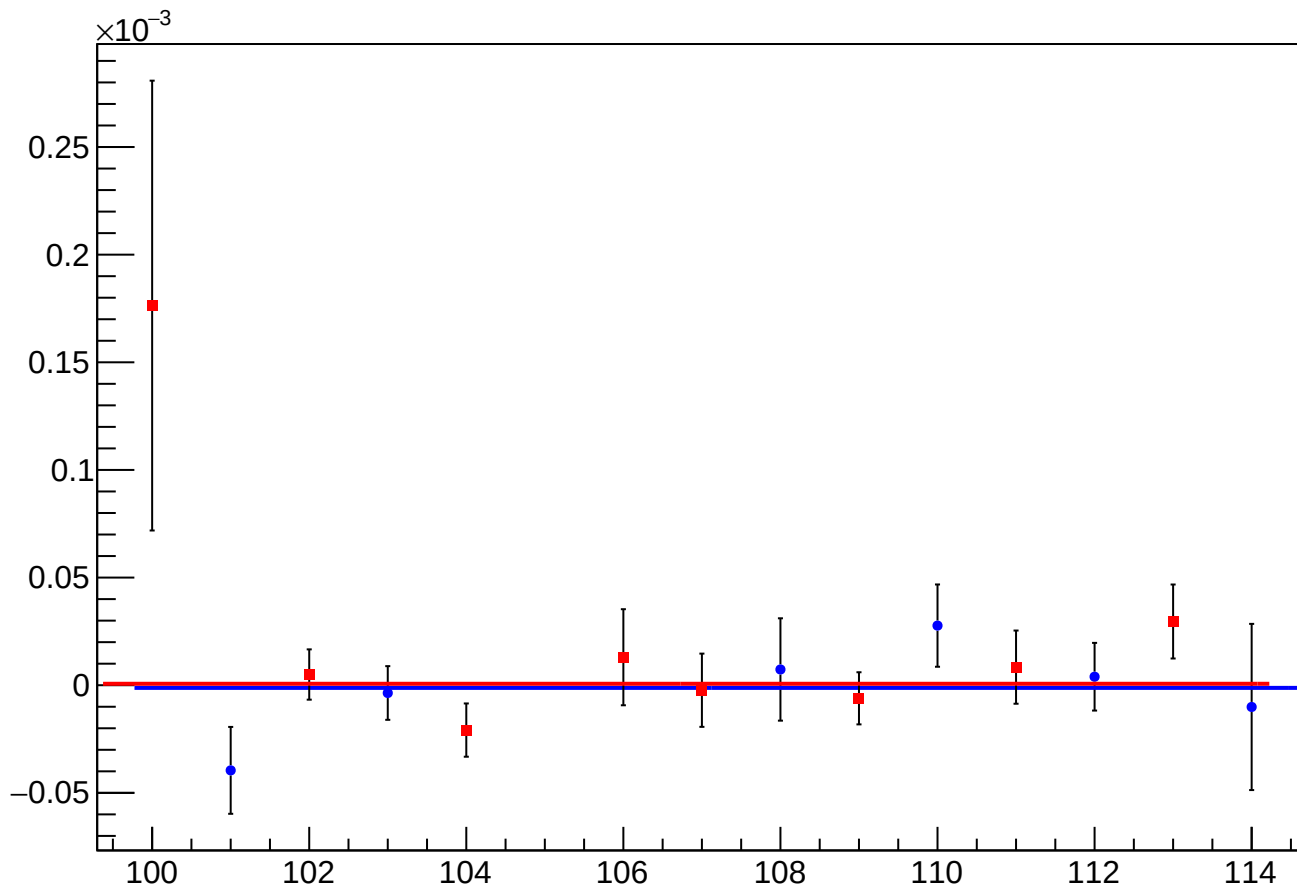
Right: 190.878+/-0.069 χ^2/NDF : 2878589.3/13

In: 197.946+/-0.100 χ^2/NDF : 1098243.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.878+/-0.069 χ^2/NDF : 2878589.3/13

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

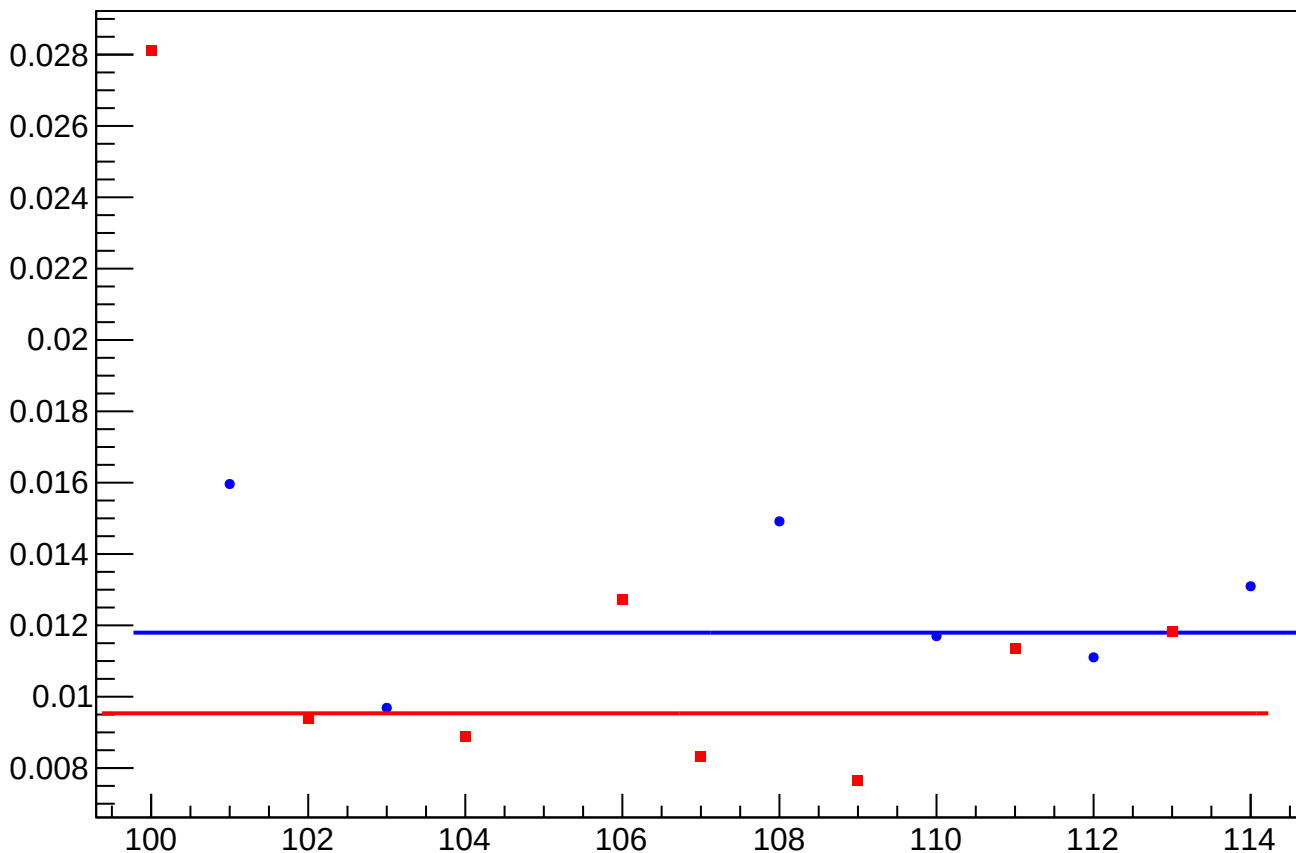
Right: -0.000+/-0.000 χ^2/NDF : 15.9/13

In: -0.000+/-0.000 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/13

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 183063.3/5

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

Right Out: 0.010+/-0.000 χ^2/NDF : 226848.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

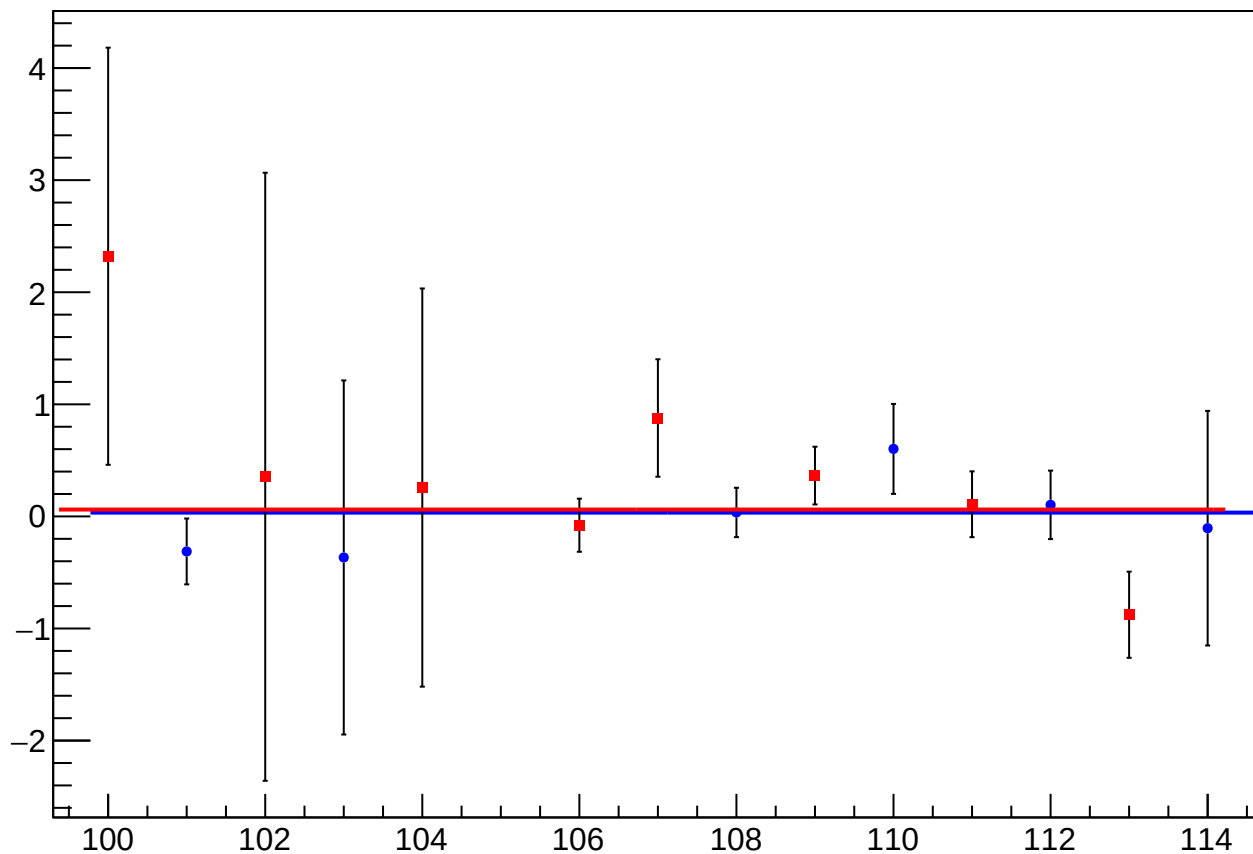
Right: 0.010+/-0.000 χ^2/NDF : 529581.9/13

In: 0.012+/-0.000 χ^2/NDF : 183063.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 529581.9/13

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

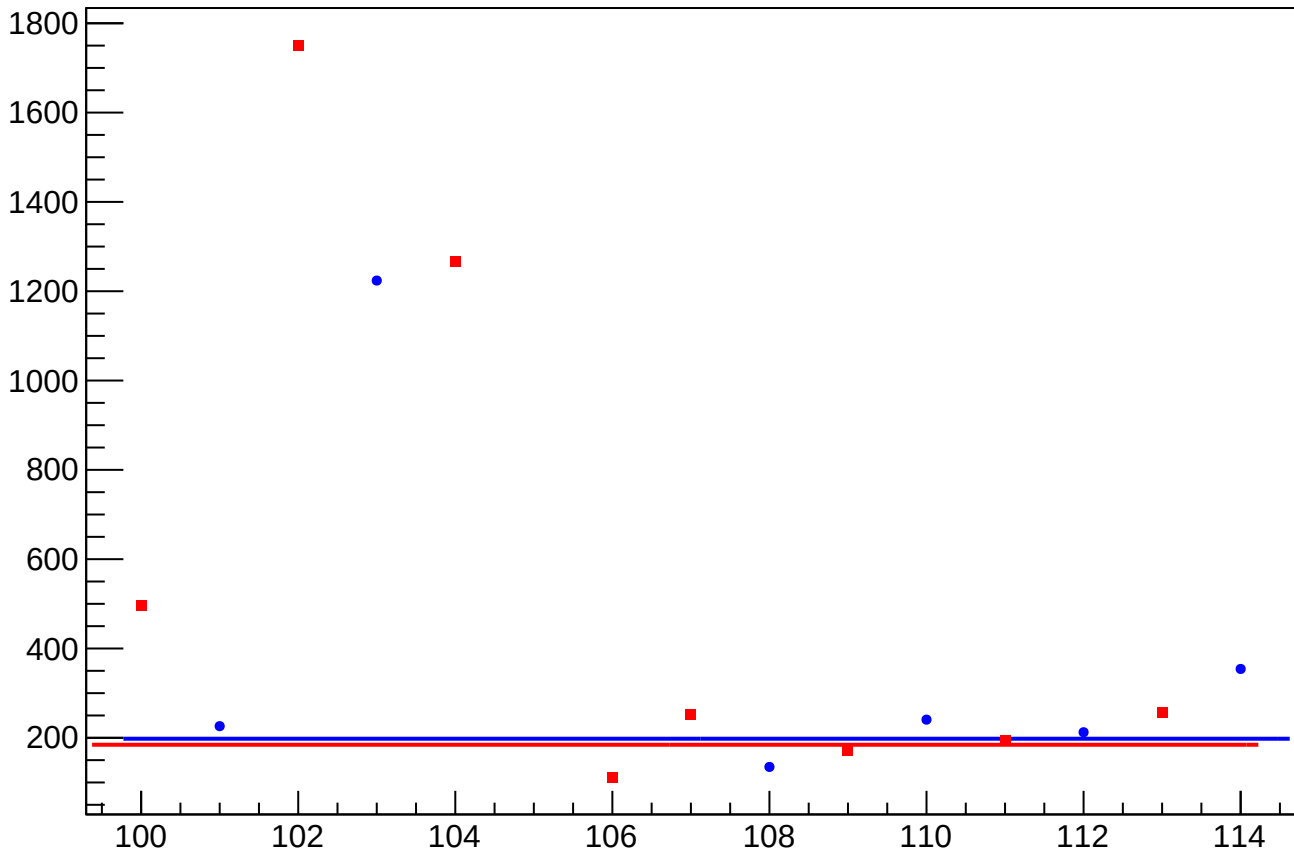
Right: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

In: 0.034 $\pm$ 0.141 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

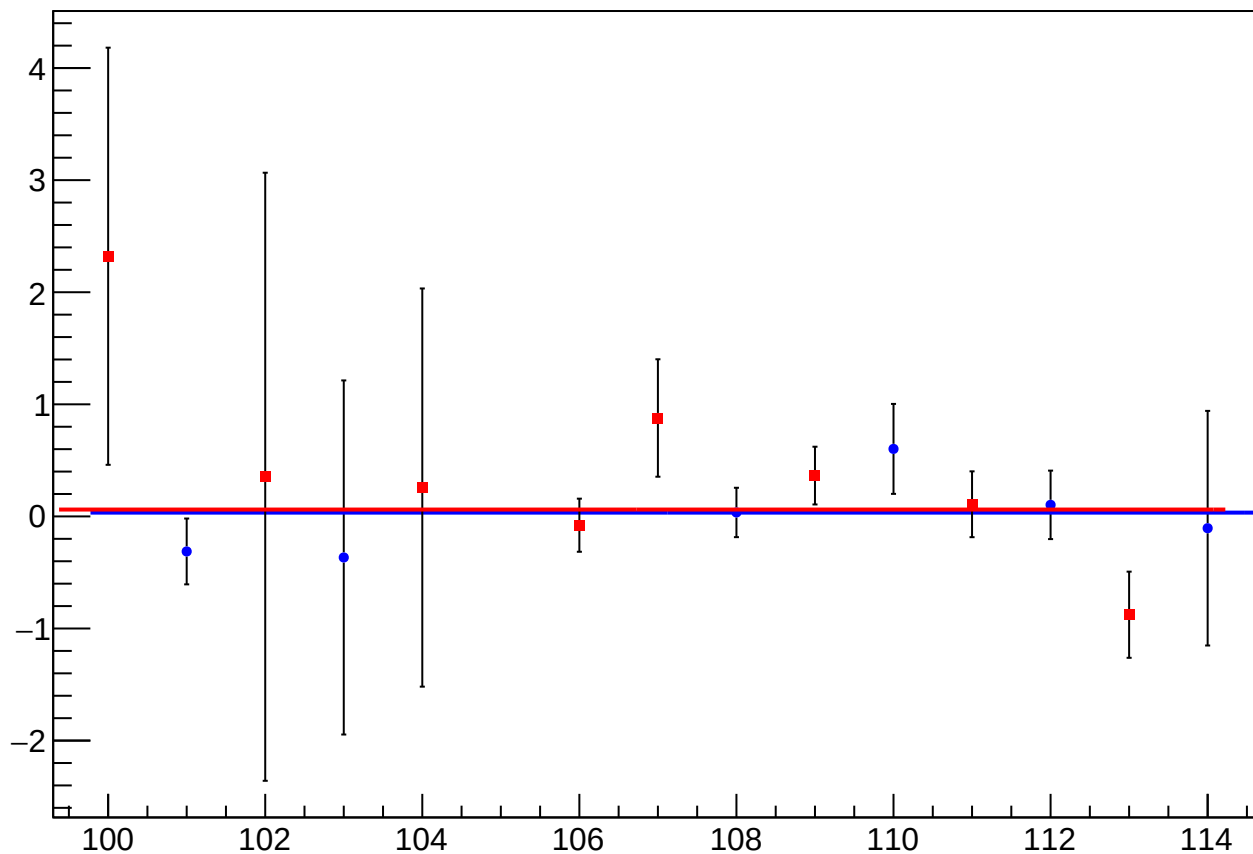
Right: 190.877+/-0.069 χ^2/NDF : 2878622.9/13

In: 197.946+/-0.100 χ^2/NDF : 1098248.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.877+/-0.069 χ^2/NDF : 2878622.9/13

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

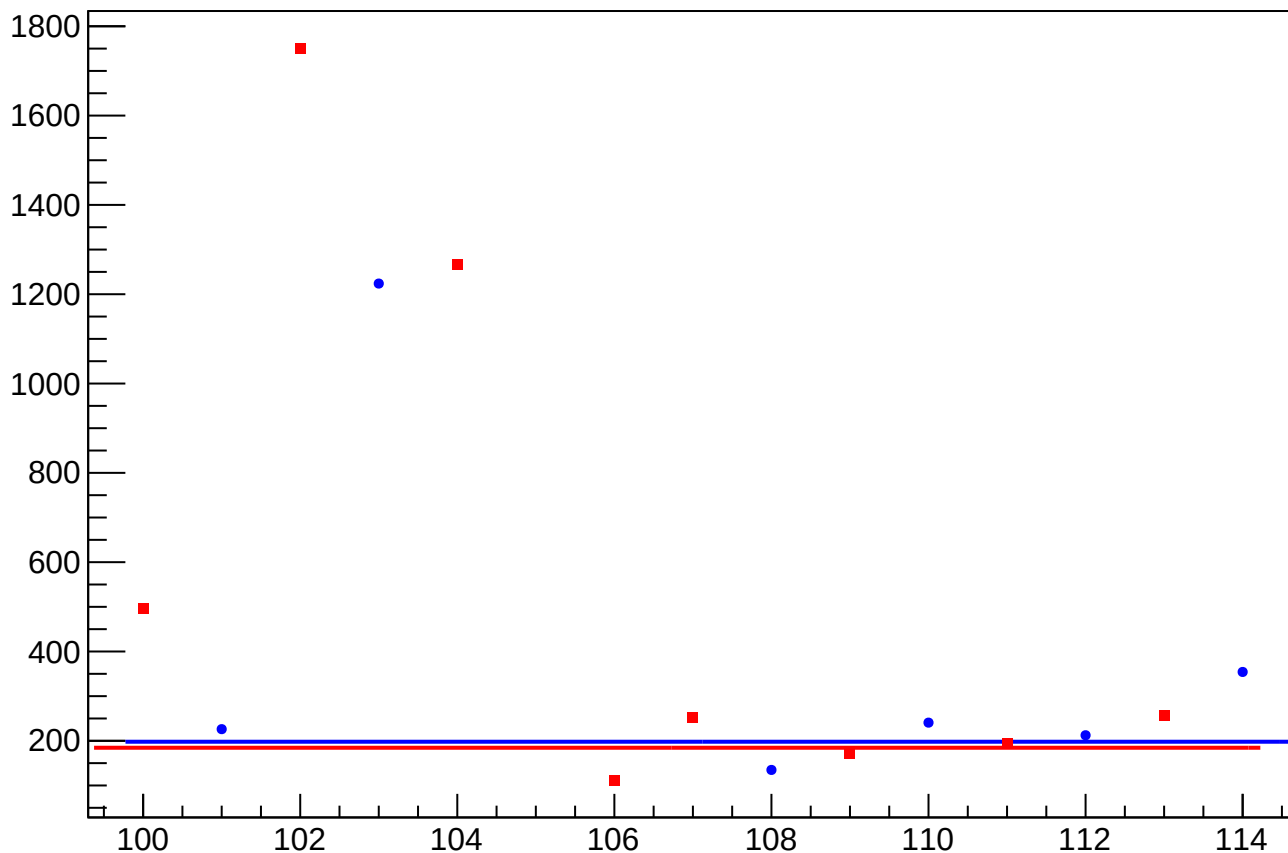
Right: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

In: 0.034 $\pm$ 0.141 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.097 χ^2 /NDF: 15.2/13

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

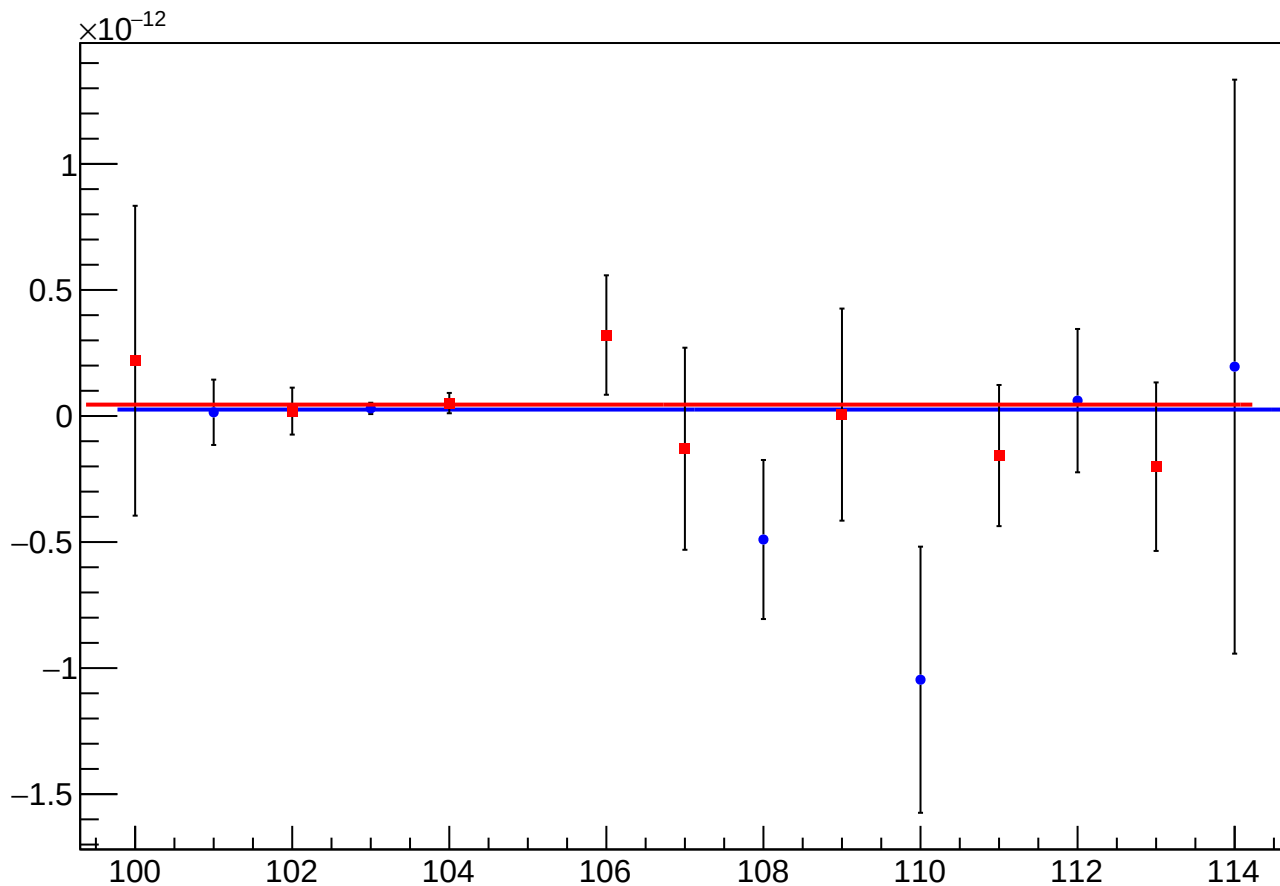
Right: 190.877+/-0.069 χ^2/NDF : 2878622.9/13

In: 197.946+/-0.100 χ^2/NDF : 1098248.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.877+/-0.069 χ^2/NDF : 2878622.9/13

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

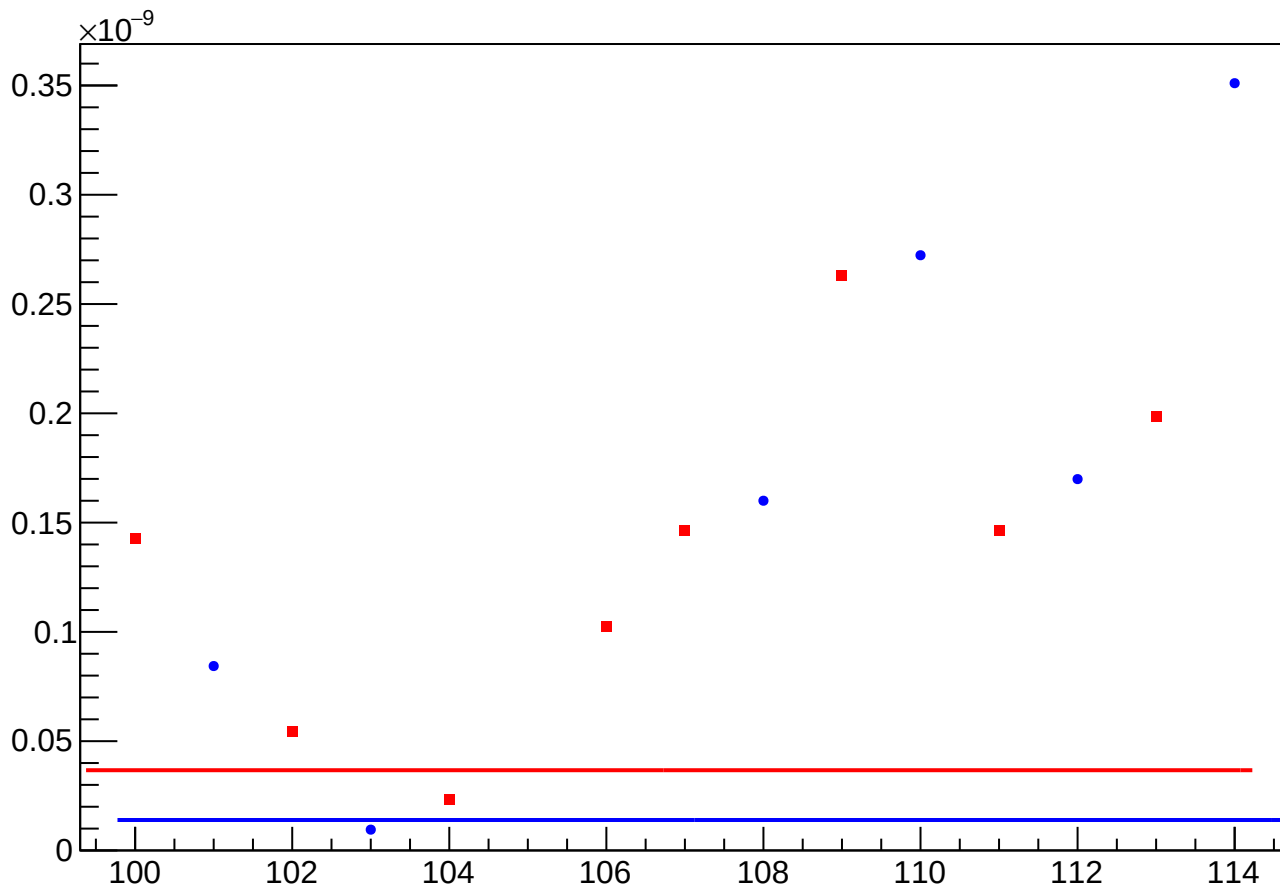
Right: 0.000+/-0.000 χ^2/NDF : 9.9/13

In: 0.000+/-0.000 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.9/13

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

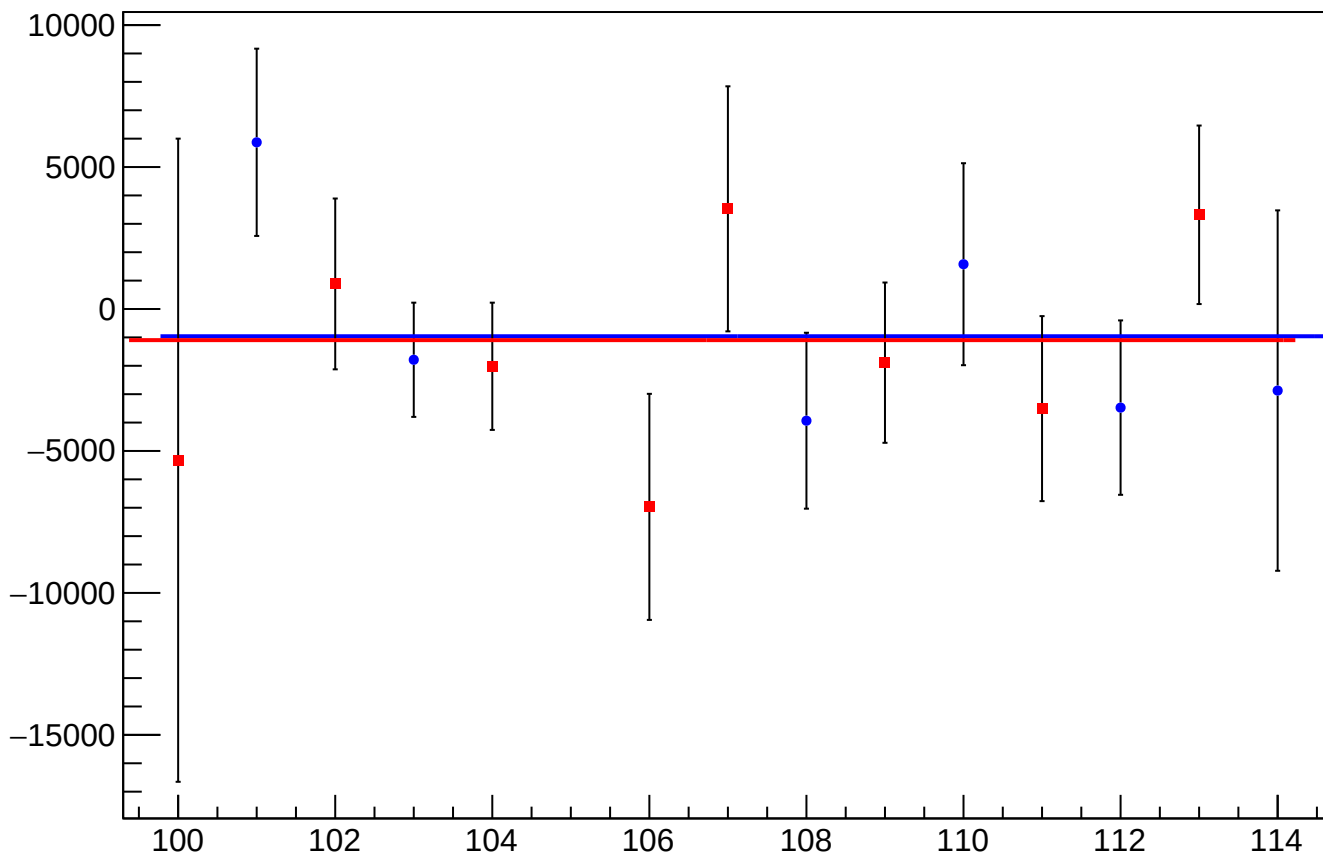
Right: 0.000+/-0.000 χ^2/NDF : 4961824.6/13

In: 0.000+/-0.000 χ^2/NDF : 2353765.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4961824.6/13

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

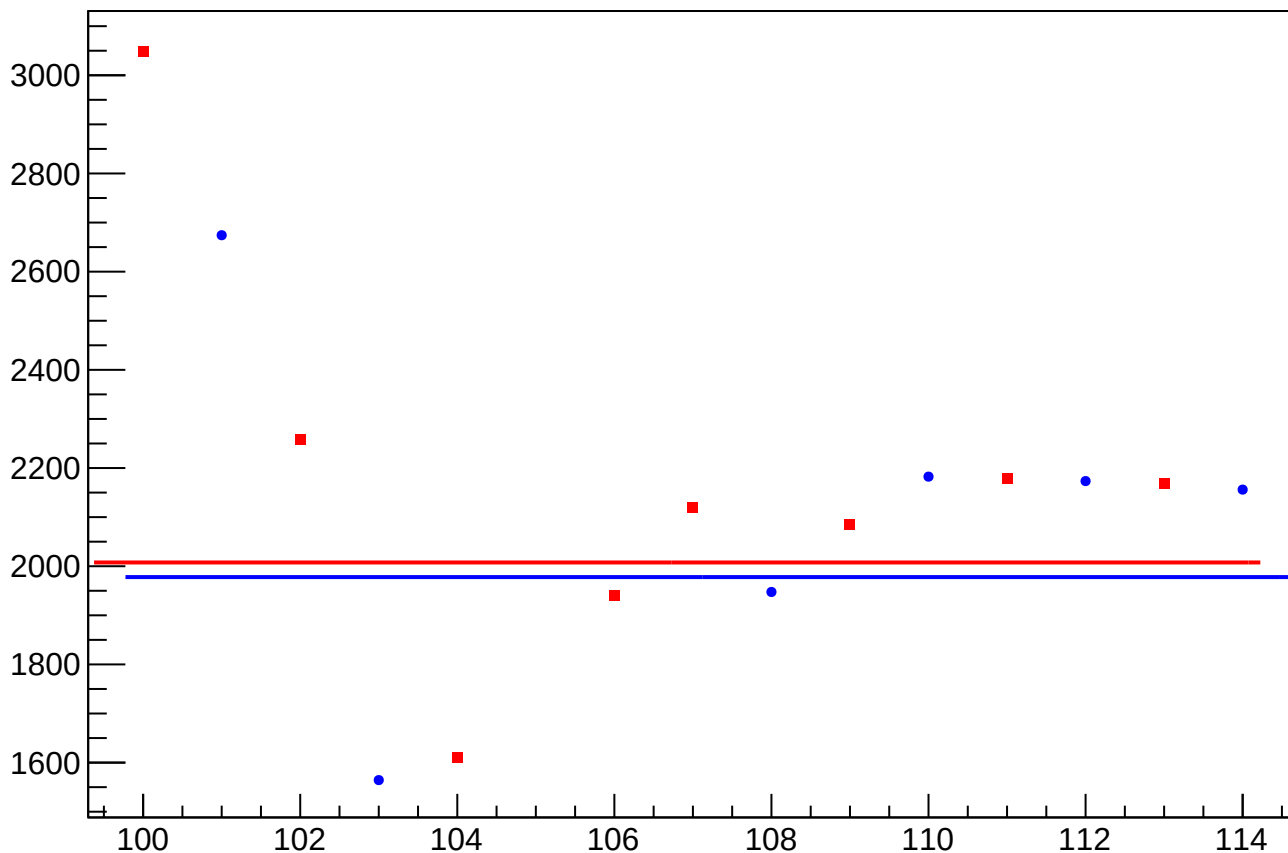
Right: -1033.075+/-842.698 χ^2/NDF : 13.3/13

In: -959.792+/-1237.411 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1033.075+/-842.698 χ^2/NDF : 13.3/13

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1977.885+/-0.875 χ^2/NDF : 190160.9/5

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

Right Out: 2007.651+/-0.809 χ^2/NDF : 108022.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

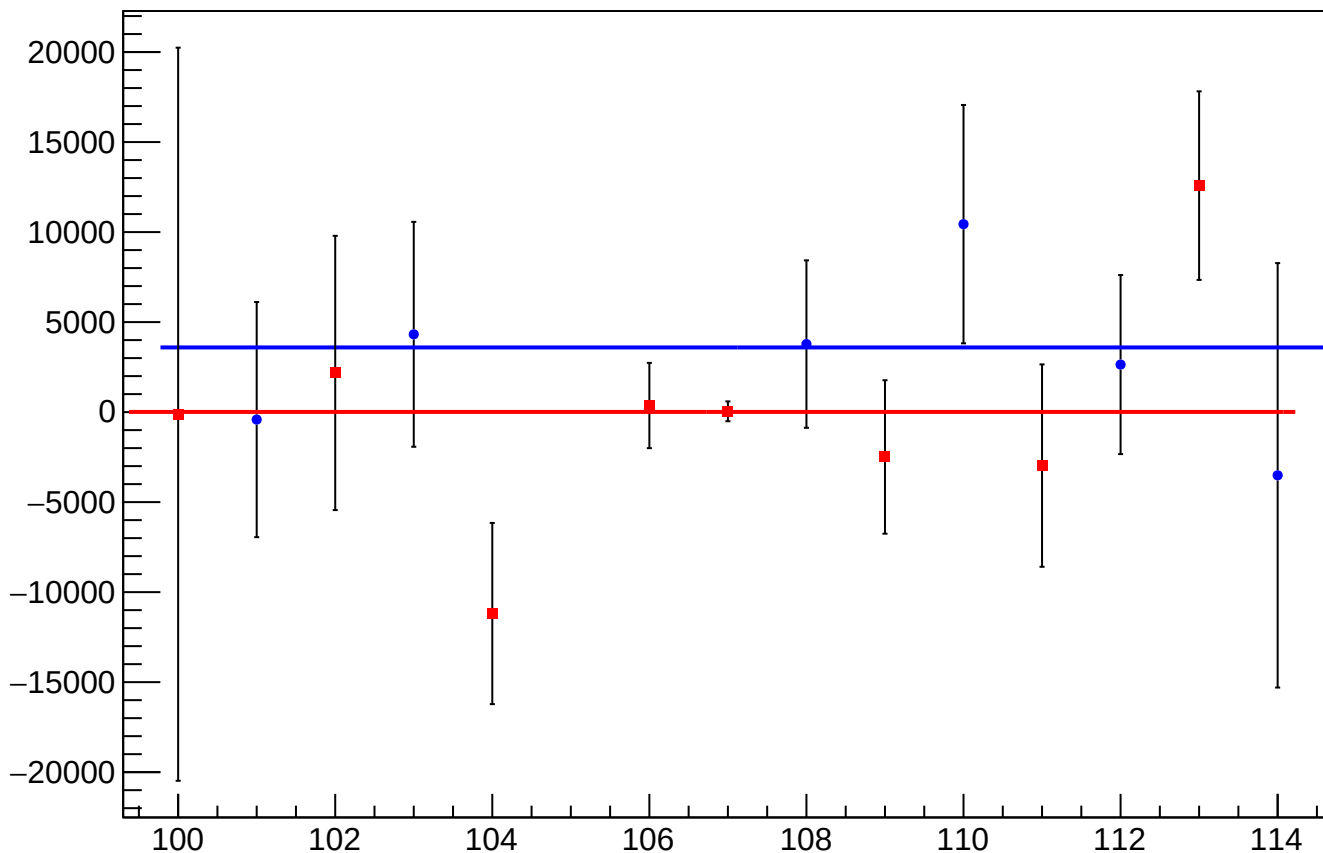
Right: 1993.937+/-0.594 χ^2/NDF : 298807.8/13

In: 1977.885+/-0.875 χ^2/NDF : 190160.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.937+/-0.594 χ^2/NDF : 298807.8/13

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



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

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

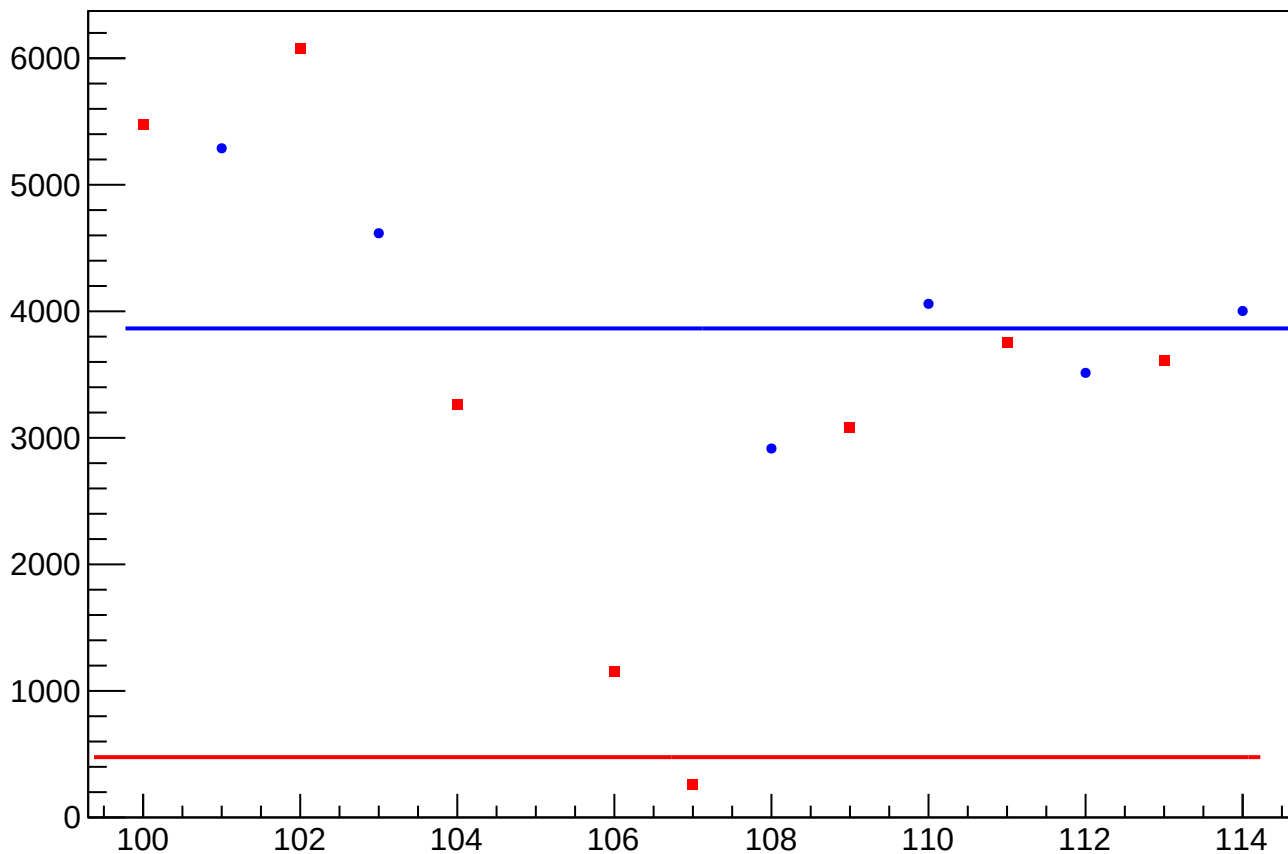
Right: 164.954 $\pm$ 511.160 χ^2 /NDF: 15.3/13

In: 3592.608 $\pm$ 2456.301 χ^2 /NDF:1.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.954 $\pm$ 511.160 χ^2 /NDF: 15.3/13

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3864.827+/-1.737 χ^2/NDF : 219305.0/5

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

Right Out: 476.698+/-0.370 χ^2/NDF : 4420388.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

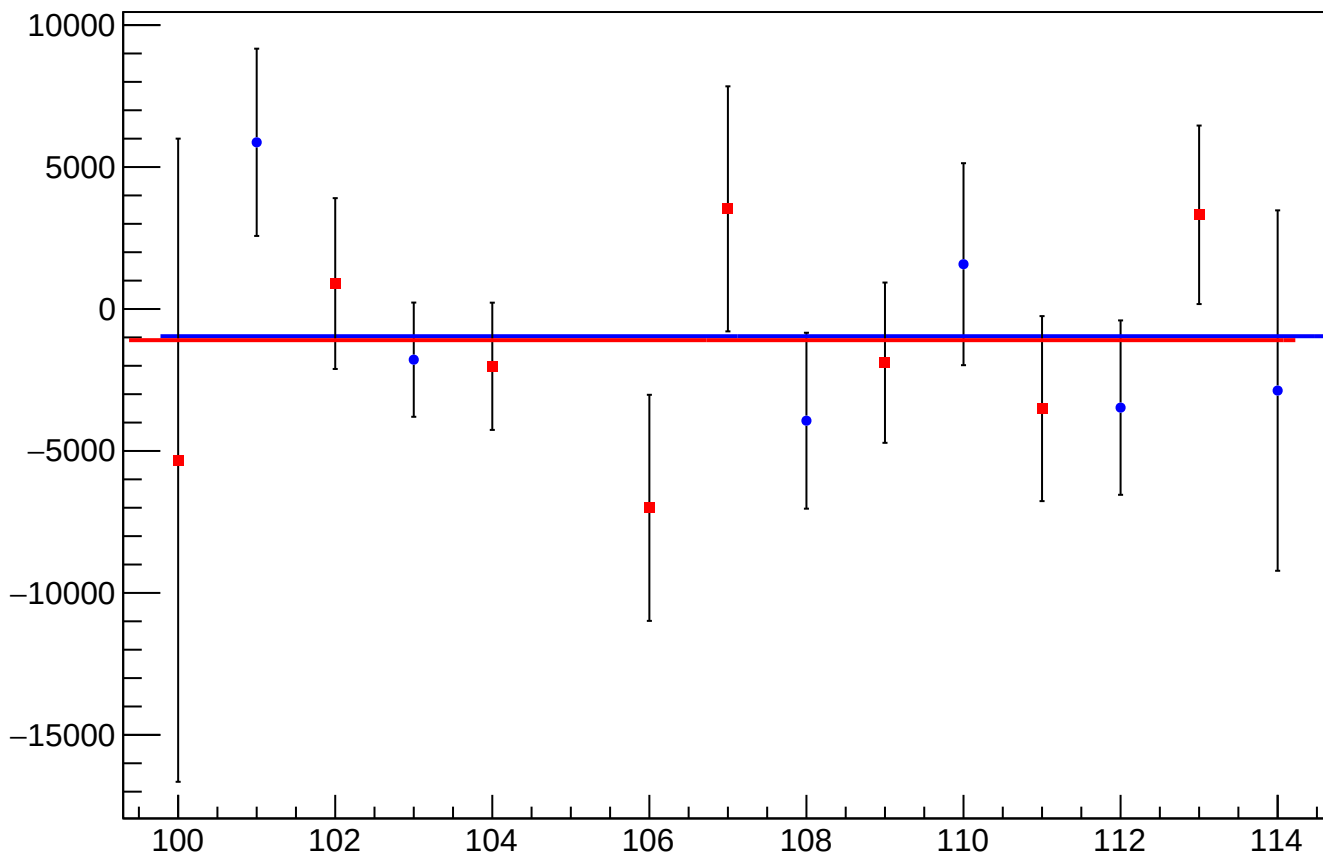
Right: 623.425+/-0.361 χ^2/NDF : 8280180.3/13

In: 3864.827+/-1.737 χ^2/NDF : 219305.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.425+/-0.361 χ^2/NDF : 8280180.3/13

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

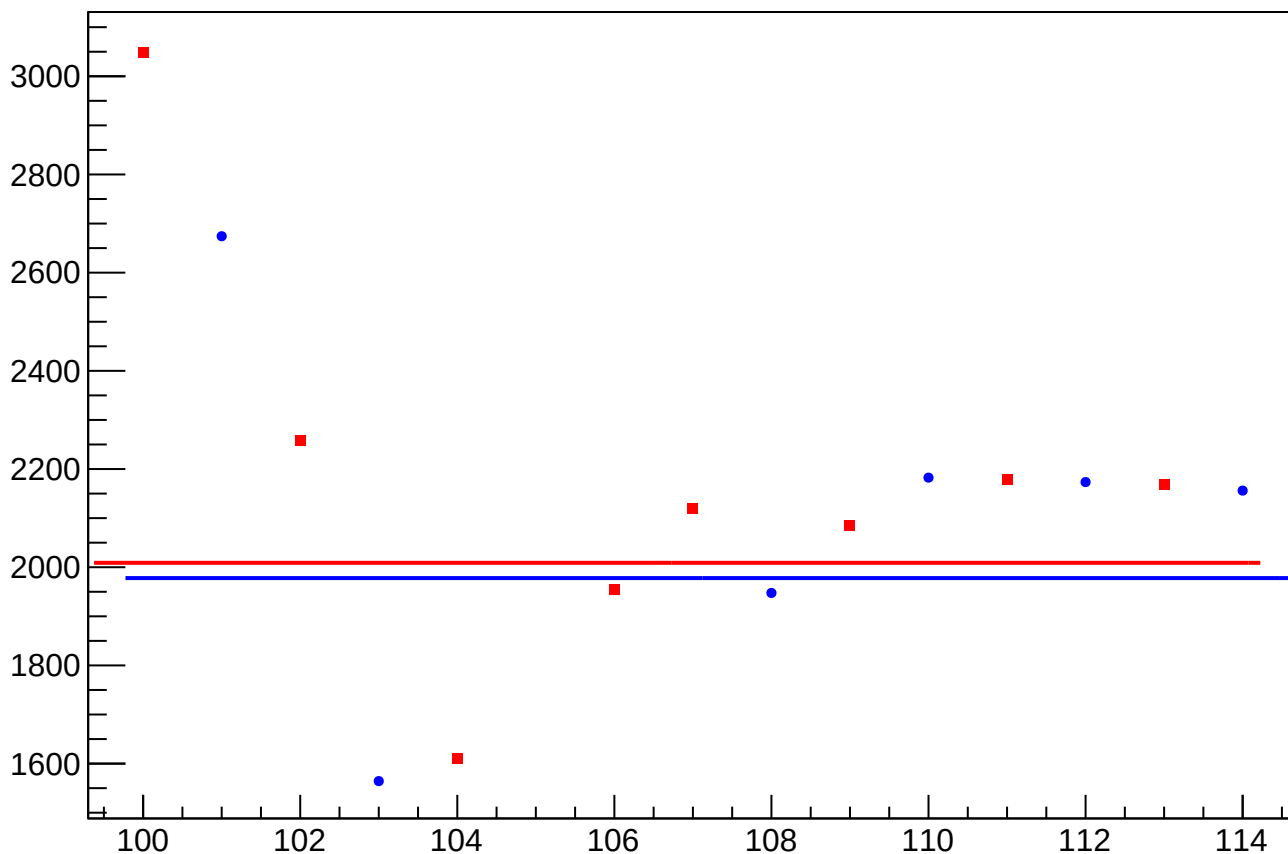
Right: -1032.895+/-842.701 χ^2/NDF : 13.4/13

In: -958.257+/-1237.412 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1032.895+/-842.701 χ^2/NDF : 13.4/13

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1977.886+/-0.875 χ^2/NDF : 190159.5/5

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

Right Out: 2009.002+/-0.809 χ^2/NDF : 107778.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

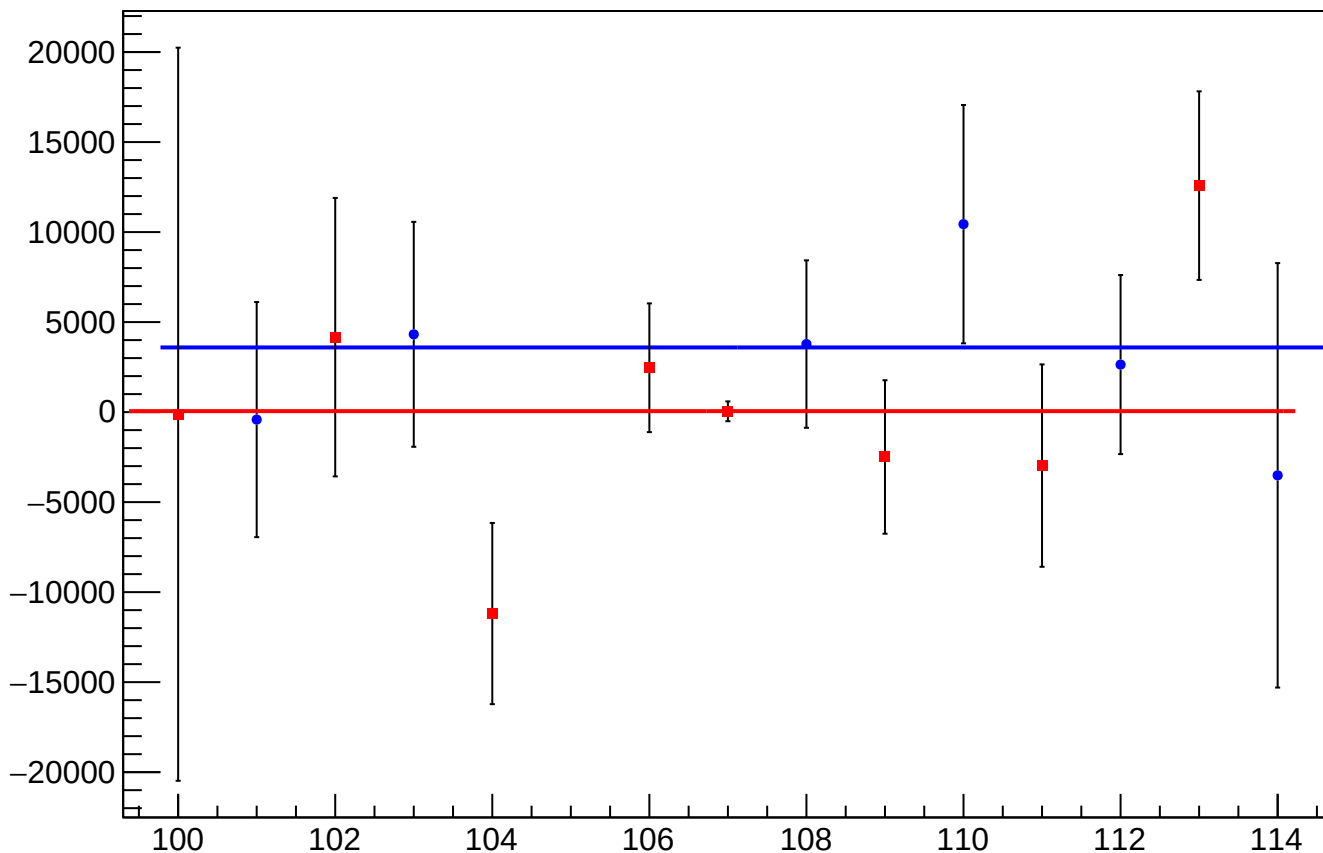
Right: 1994.657+/-0.594 χ^2/NDF : 298619.8/13

In: 1977.886+/-0.875 χ^2/NDF : 190159.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.657+/-0.594 χ^2/NDF : 298619.8/13

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



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

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

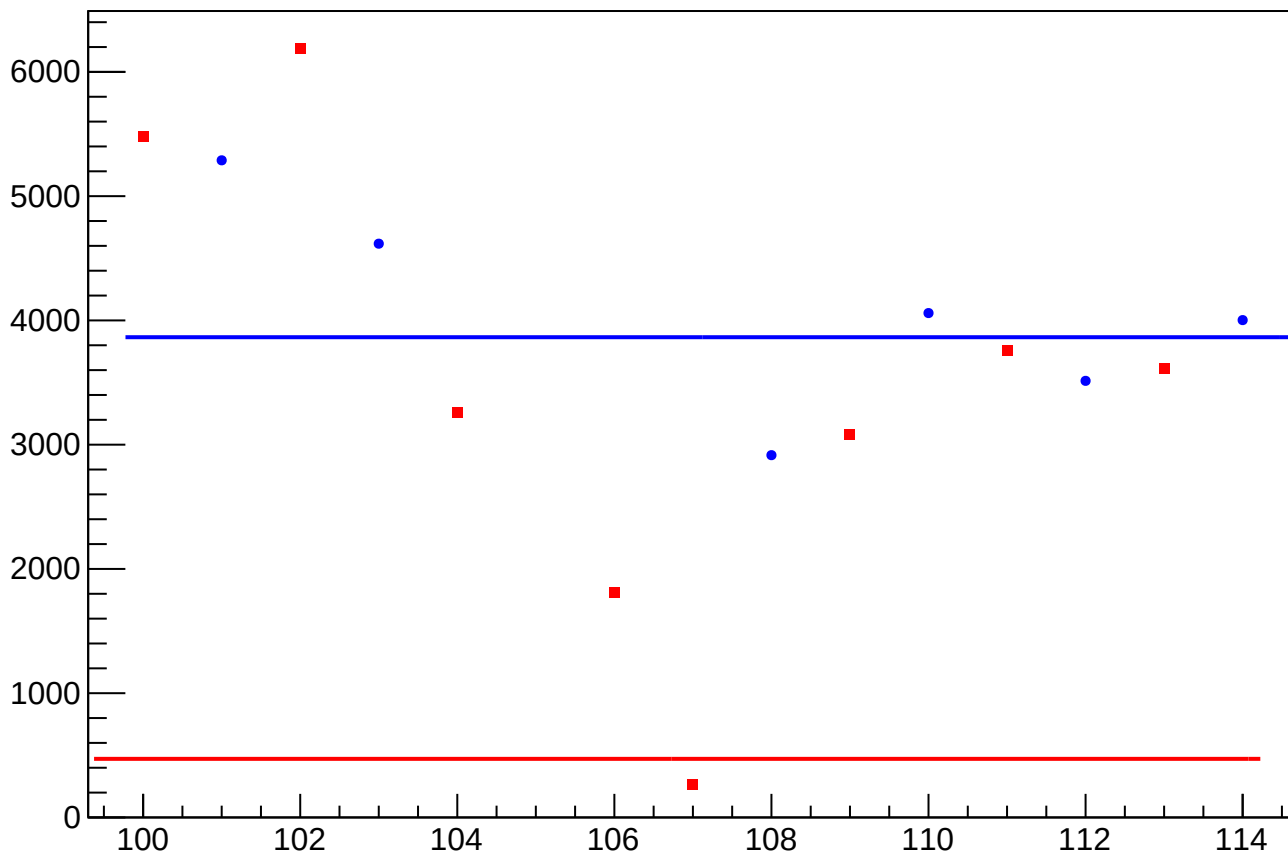
Right: 211.588 $\pm$ 517.977 χ^2 /NDF: 15.9/13

In: 3592.599 $\pm$ 2456.327 χ^2 /NDF:1.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 211.588 $\pm$ 517.977 χ^2 /NDF: 15.9/13

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

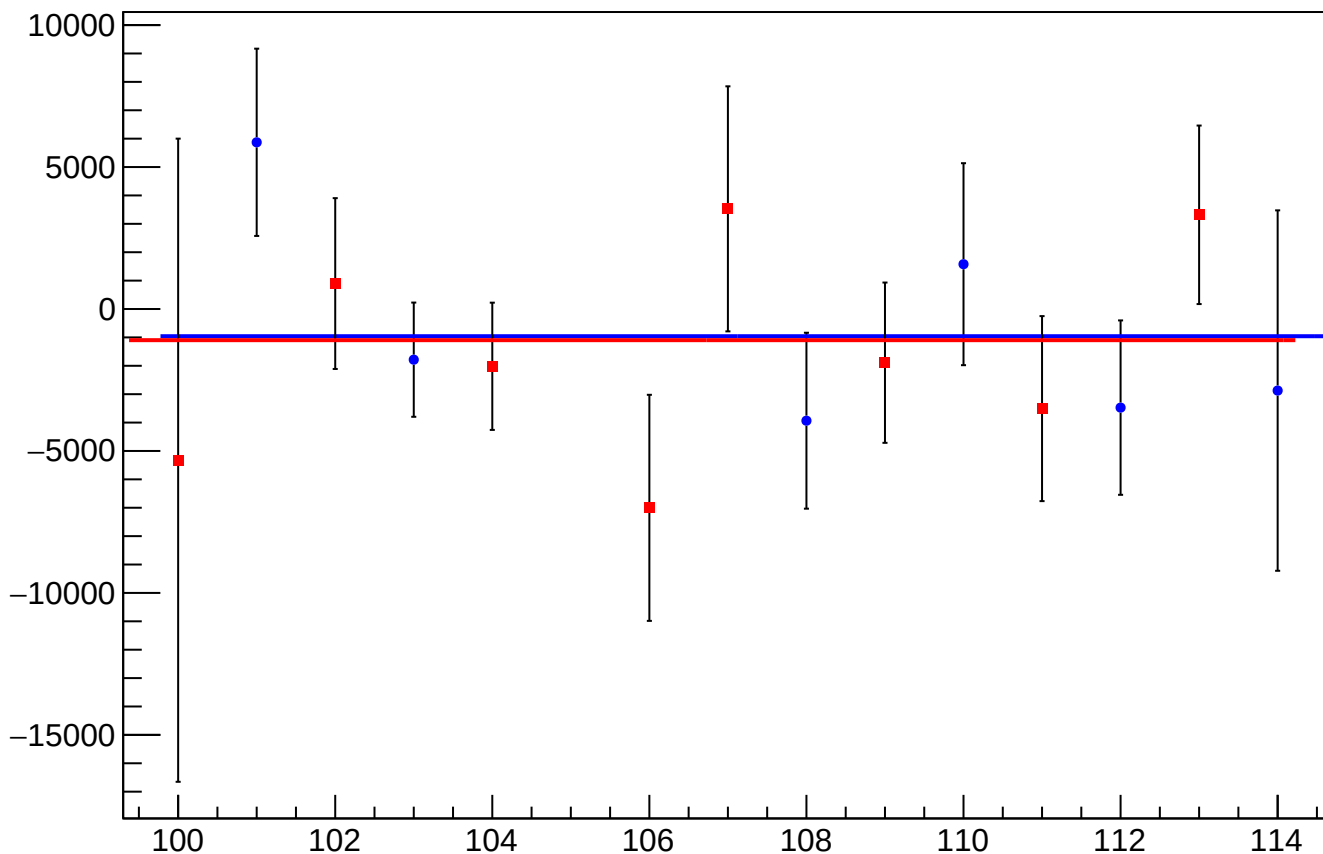
Right: 622.503+/-0.366 χ^2/NDF : 8409040.7/13

In: 3864.851+/-1.737 χ^2/NDF : 219327.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.503+/-0.366 χ^2/NDF : 8409040.7/13

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

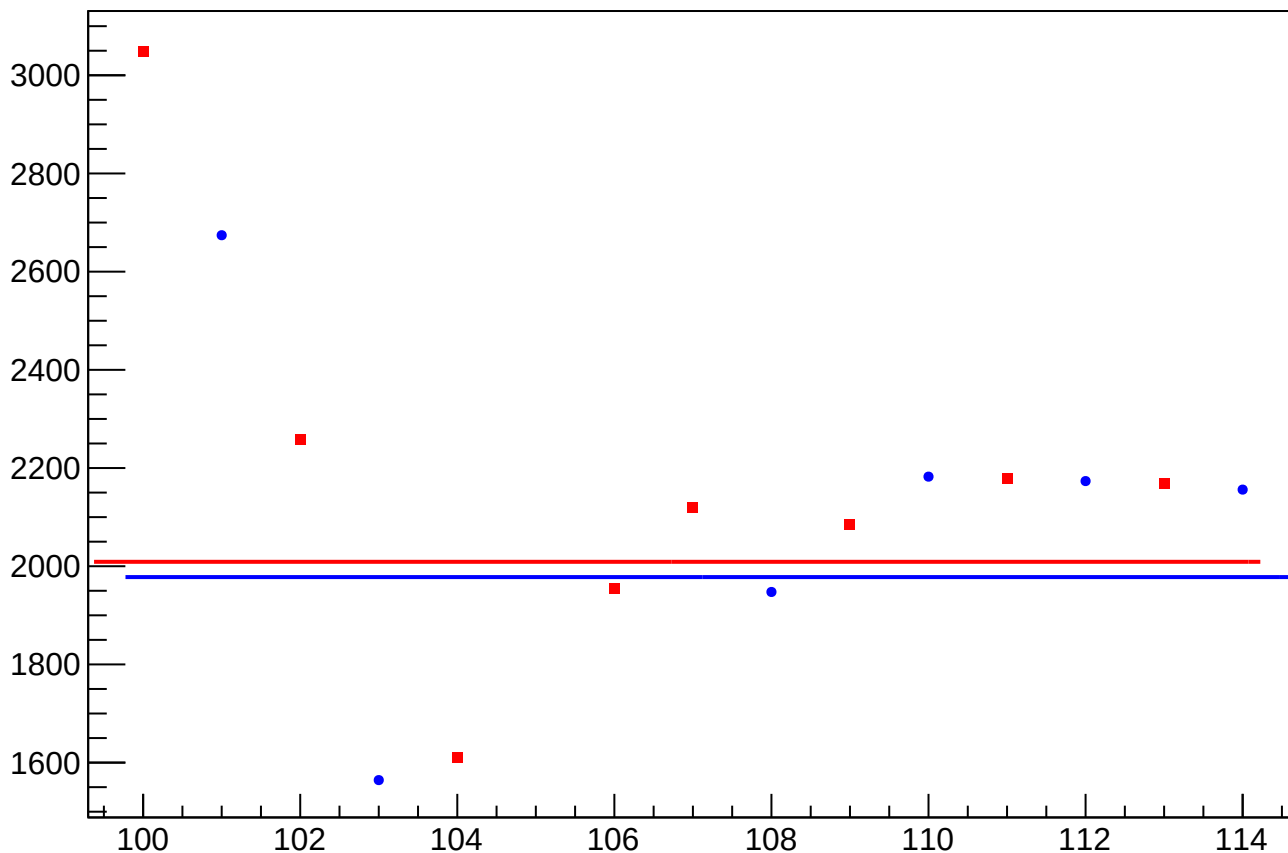
Right: -1032.895+/-842.701 χ^2/NDF : 13.4/13

In: -958.257+/-1237.412 χ^2/NDF :6.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1032.895+/-842.701 χ^2/NDF : 13.4/13

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1977.886+/-0.875 χ^2/NDF : 190159.5/5

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

Right Out: 2009.002+/-0.809 χ^2/NDF : 107778.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

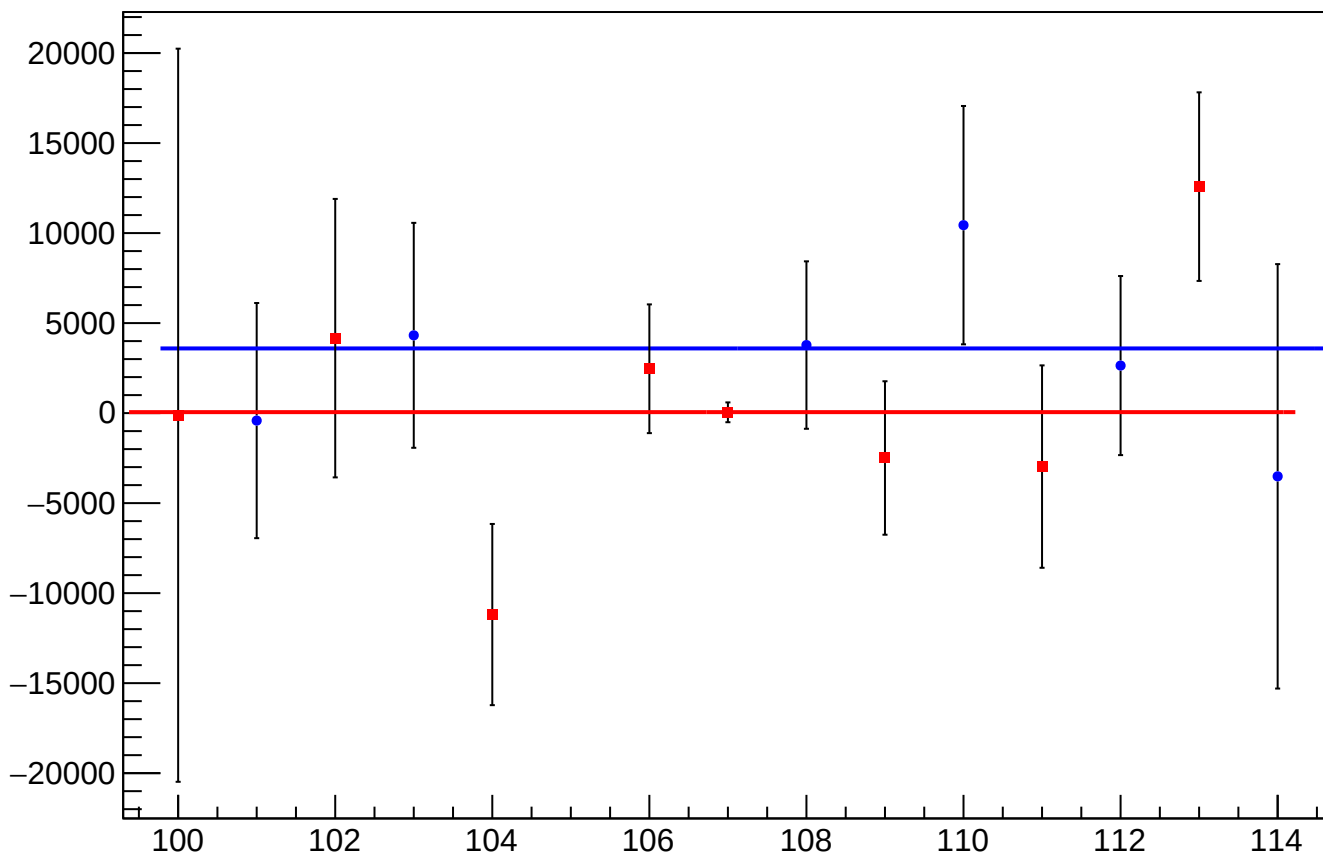
Right: 1994.657+/-0.594 χ^2/NDF : 298619.8/13

In: 1977.886+/-0.875 χ^2/NDF : 190159.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.657+/-0.594 χ^2/NDF : 298619.8/13

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

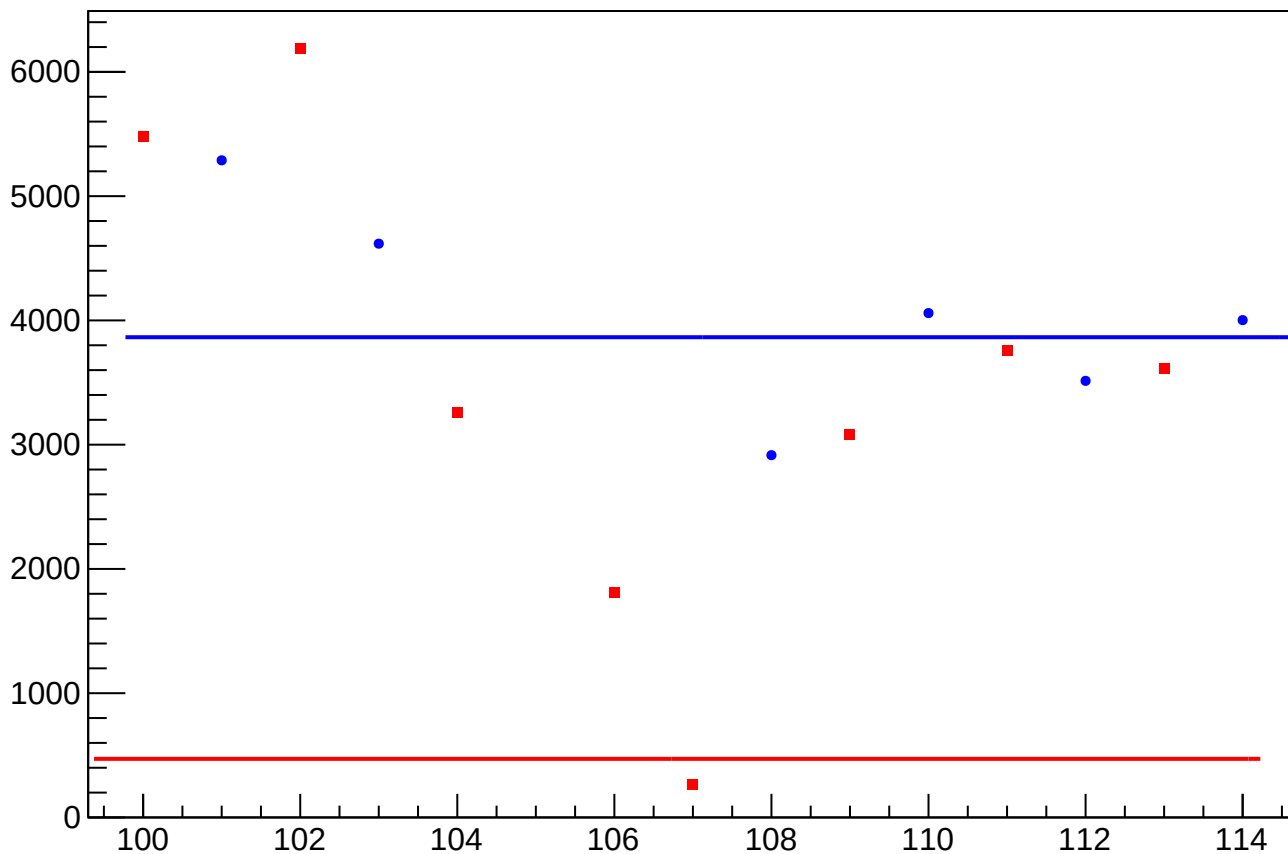
Right: 211.588+/-517.977 χ^2/NDF : 15.9/13

In: 3592.599+/-2456.327 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.588+/-517.977 χ^2/NDF : 15.9/13

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

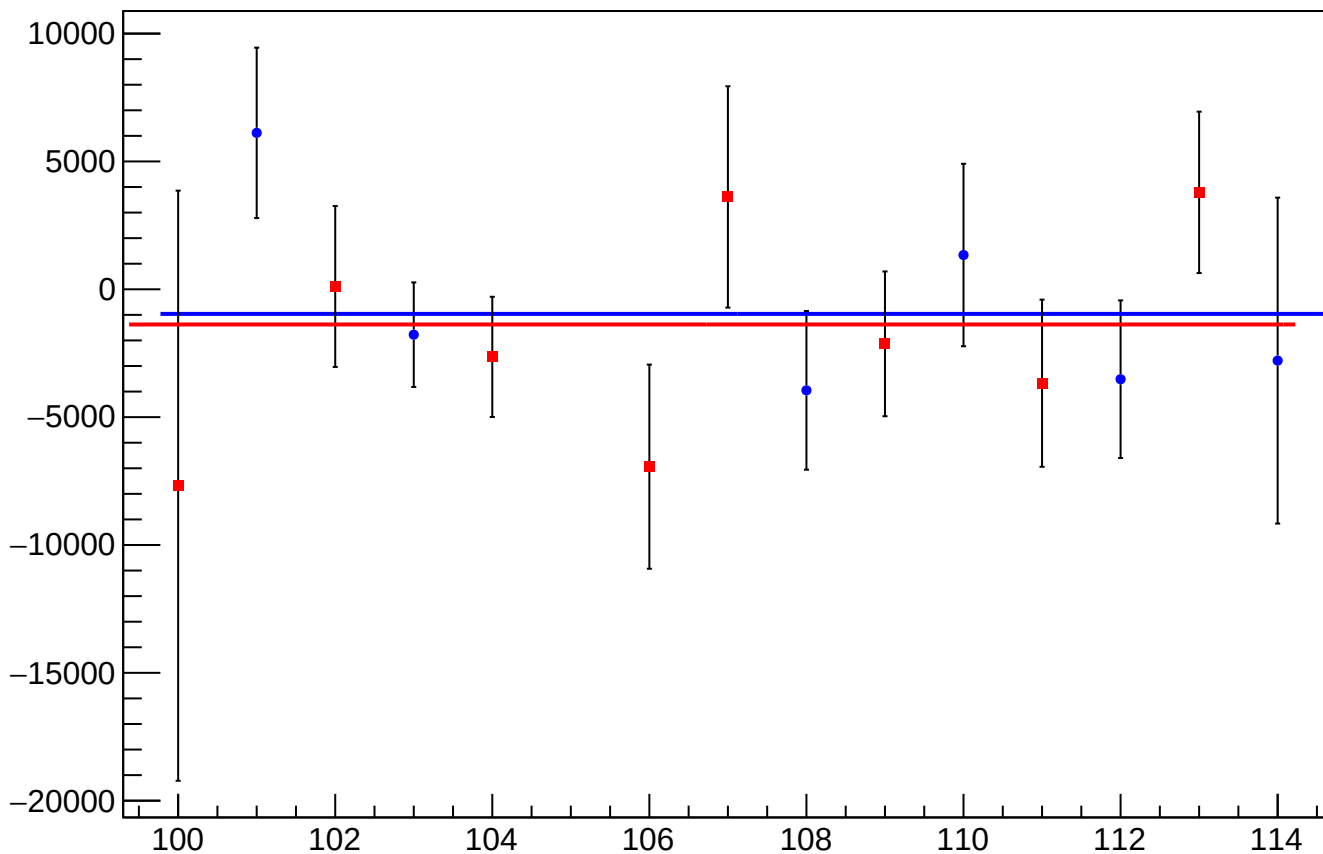
Right: 622.503+/-0.366 χ^2/NDF : 8409040.7/13

In: 3864.851+/-1.737 χ^2/NDF : 219327.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.503+/-0.366 χ^2/NDF : 8409040.7/13

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

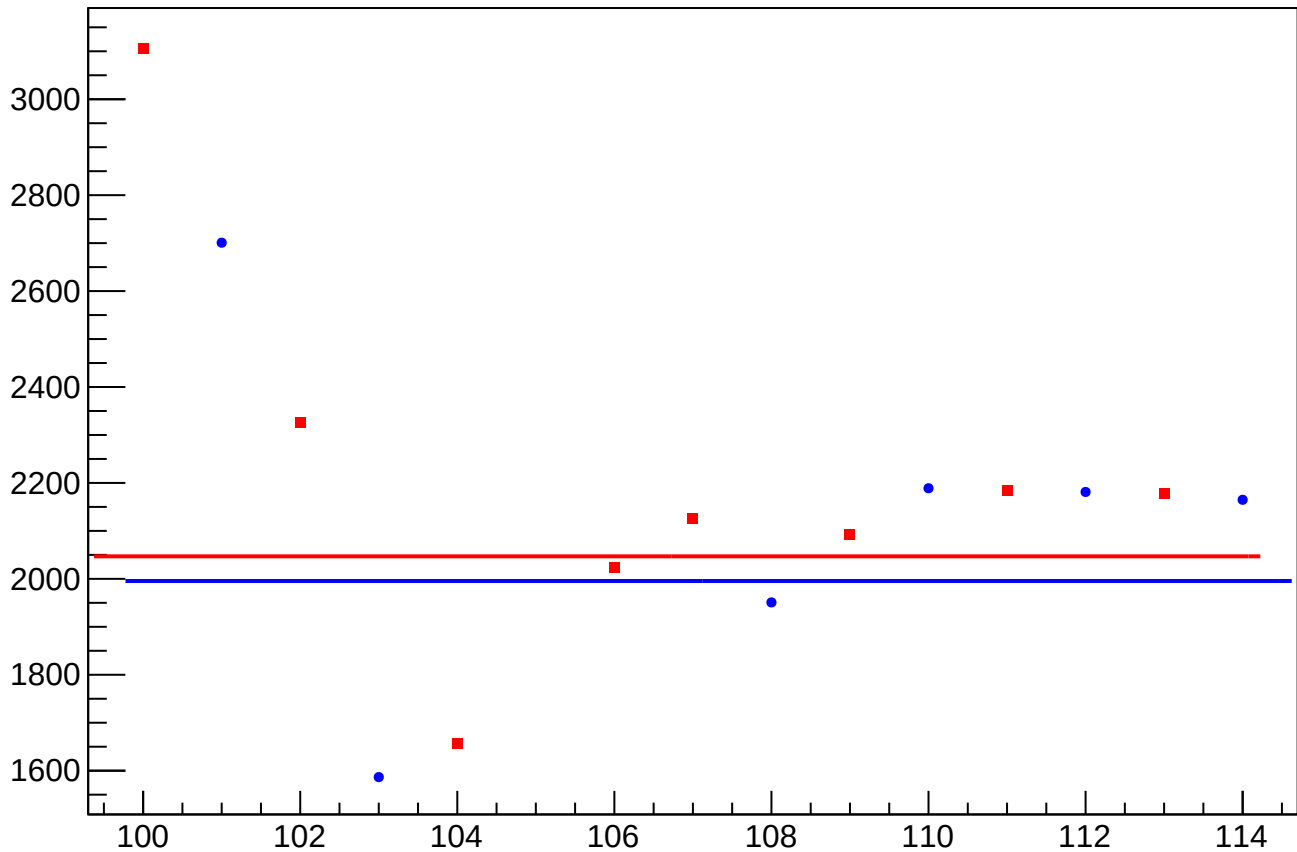
Right: -1181.676+/-855.616 χ^2/NDF : 14.2/13

In: -962.143+/-1248.465 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1181.676+/-855.616 χ^2/NDF : 14.2/13

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

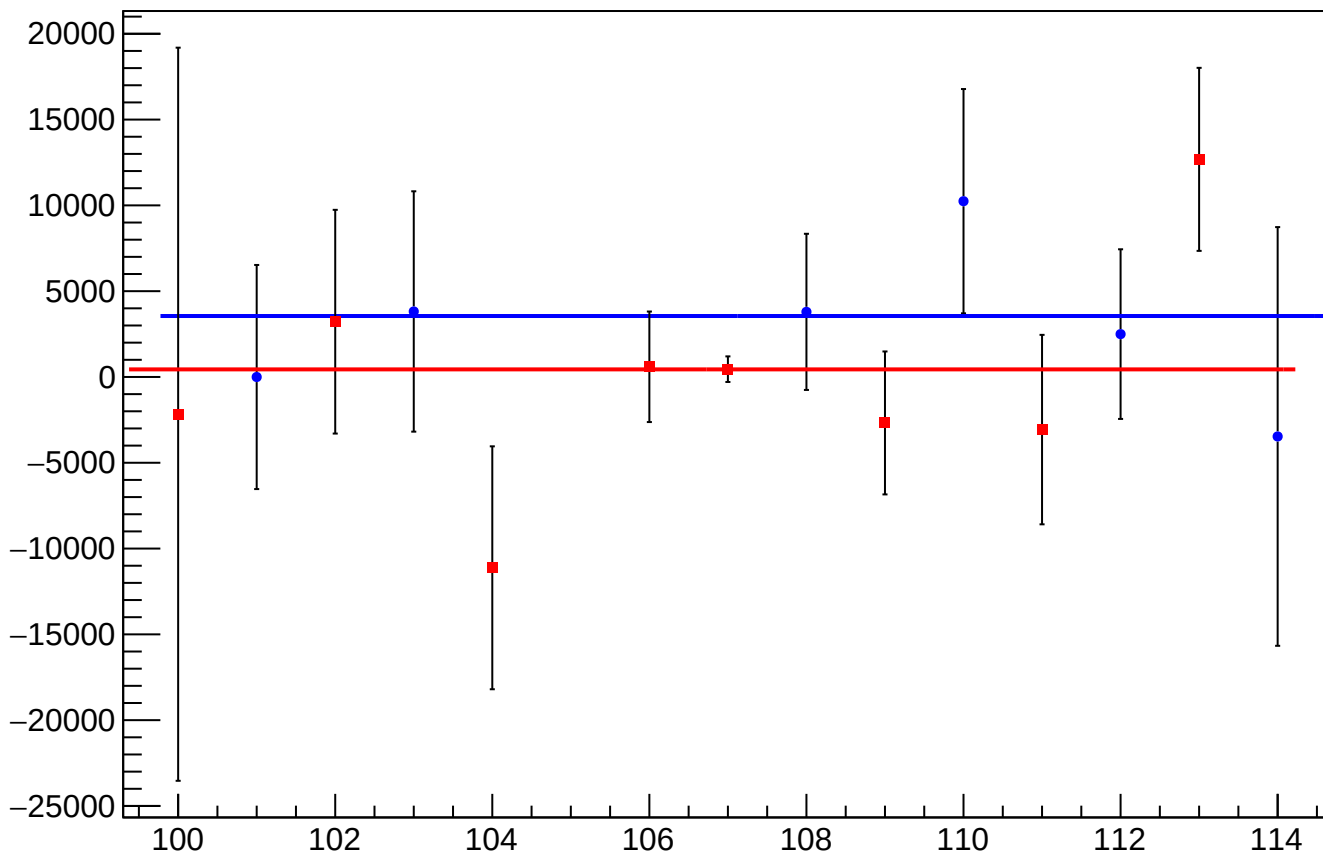
Right: 2022.841+/-0.604 χ^2/NDF : 282157.3/13

In: 1995.515+/-0.883 χ^2/NDF : 184592.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.841+/-0.604 χ^2/NDF : 282157.3/13

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

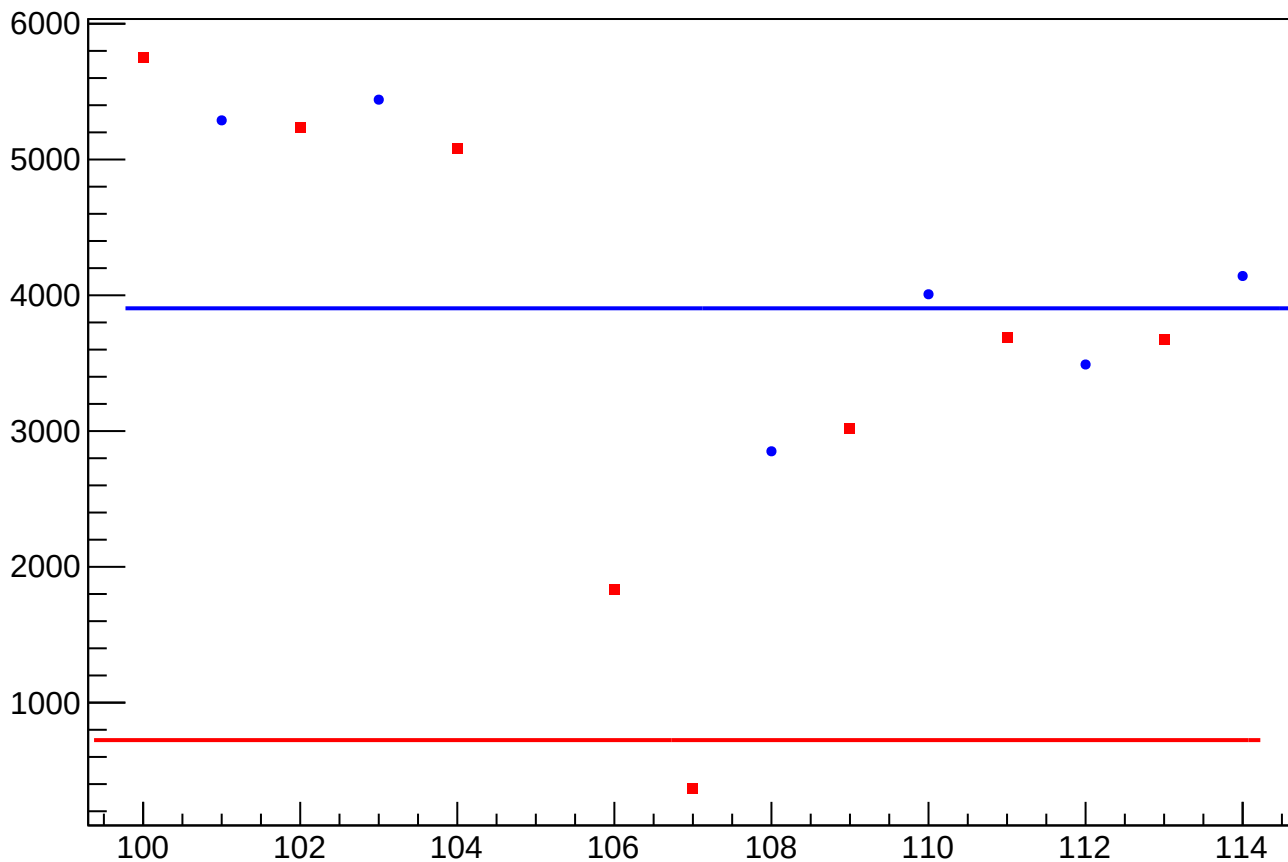
Right: 669.798+/-669.769 χ^2/NDF : 12.3/13

In: 3552.473+/-2475.478 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.798+/-669.769 χ^2/NDF : 12.3/13

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

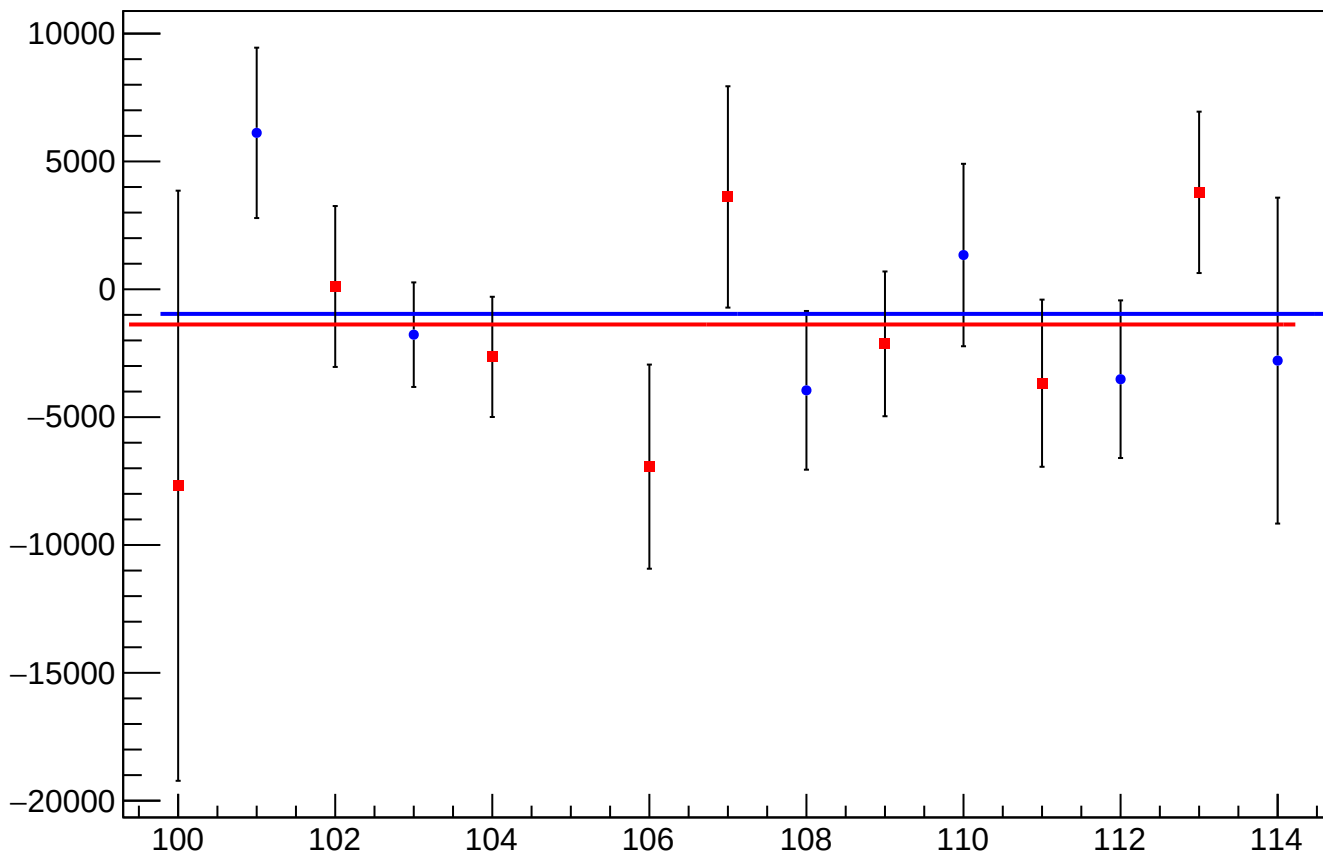
Right: 956.733+/-0.474 χ^2/NDF : 7685562.8/13

In: 3904.214+/-1.750 χ^2/NDF : 308538.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.733+/-0.474 χ^2/NDF : 7685562.8/13

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

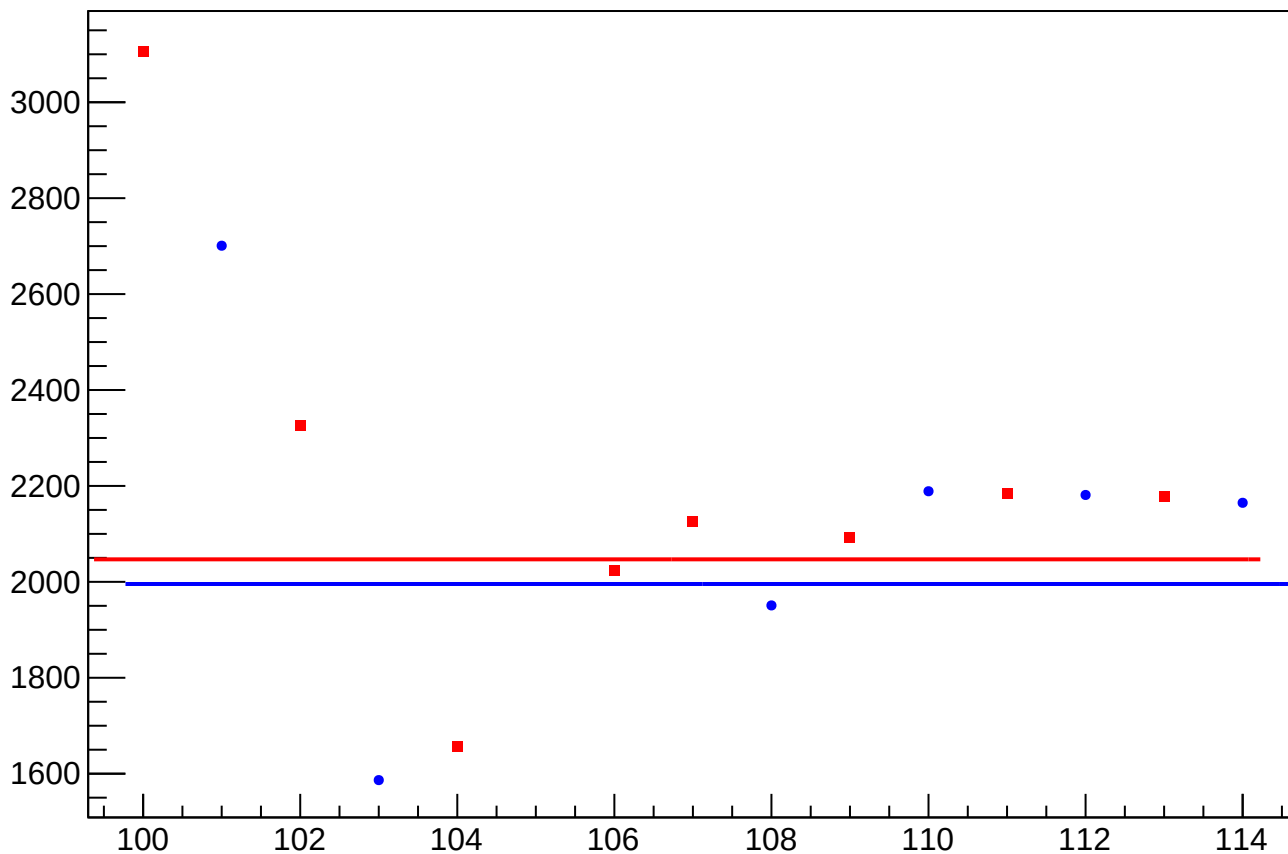
Right: -1181.681+/-855.616 χ^2/NDF : 14.2/13

In: -962.143+/-1248.465 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1181.681+/-855.616 χ^2/NDF : 14.2/13

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1995.515+/-0.883 χ^2/NDF : 184592.3/5

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

Right Out: 2046.931+/-0.829 χ^2/NDF : 95761.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

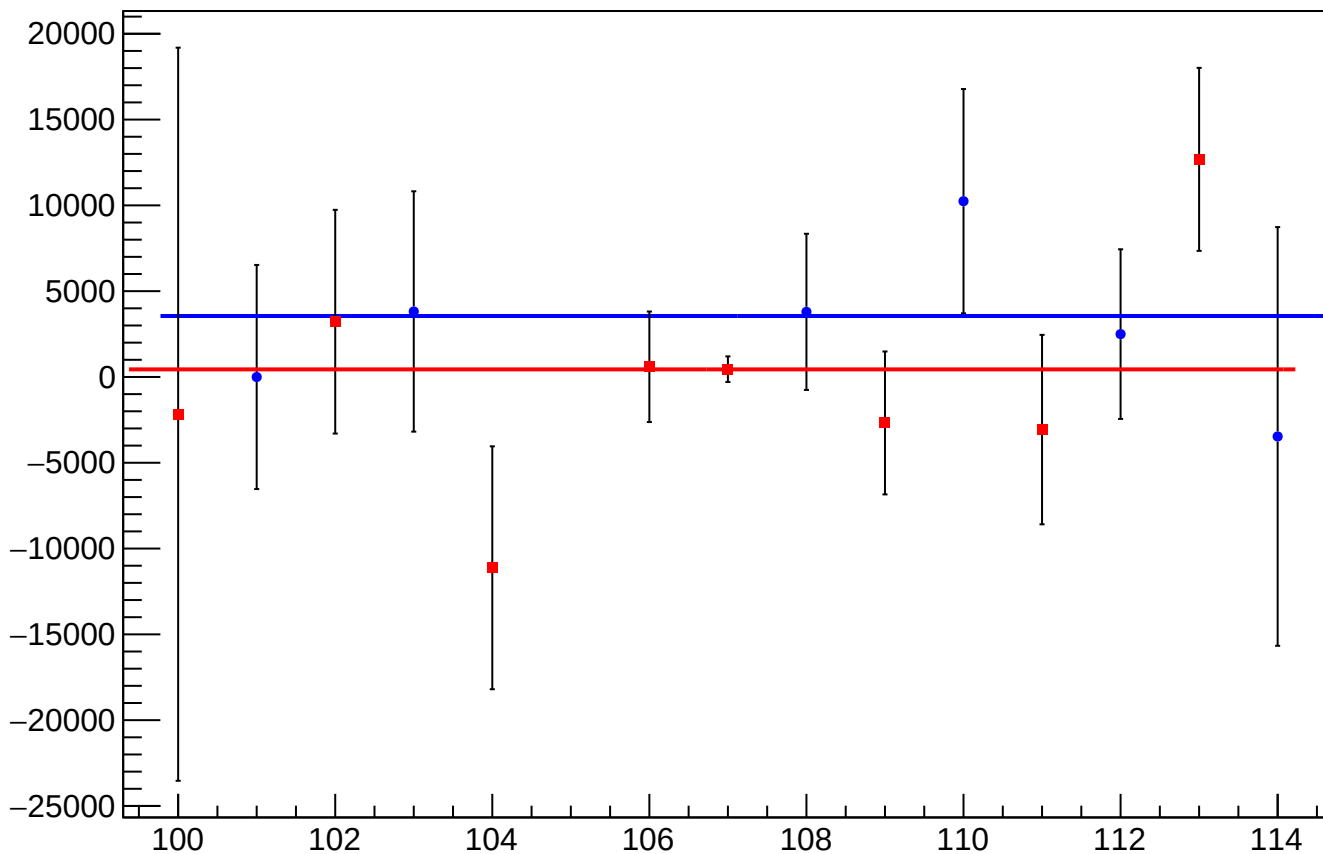
Right: 2022.842+/-0.604 χ^2/NDF : 282157.0/13

In: 1995.515+/-0.883 χ^2/NDF : 184592.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.842+/-0.604 χ^2/NDF : 282157.0/13

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

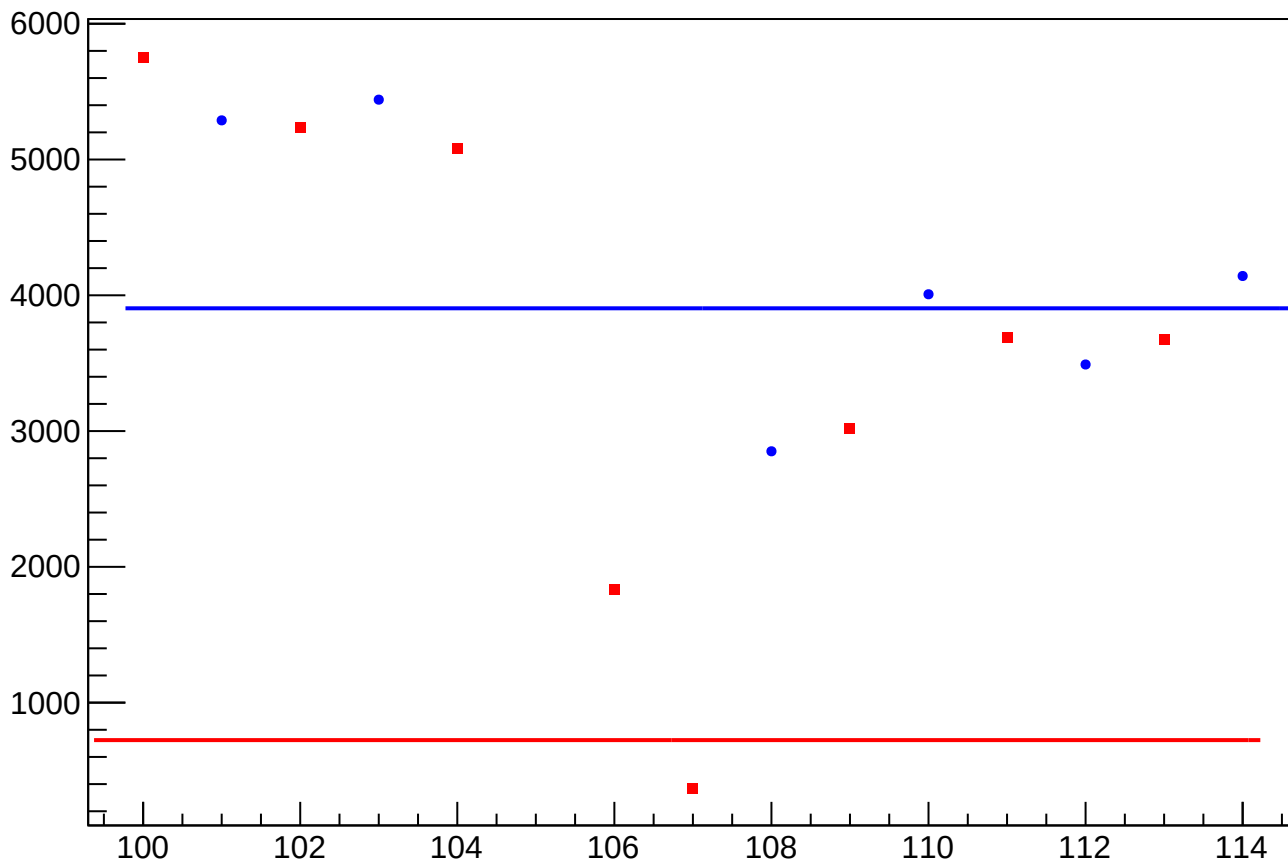
Right: 669.812+/-669.781 χ^2/NDF : 12.3/13

In: 3552.473+/-2475.477 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.812+/-669.781 χ^2/NDF : 12.3/13

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

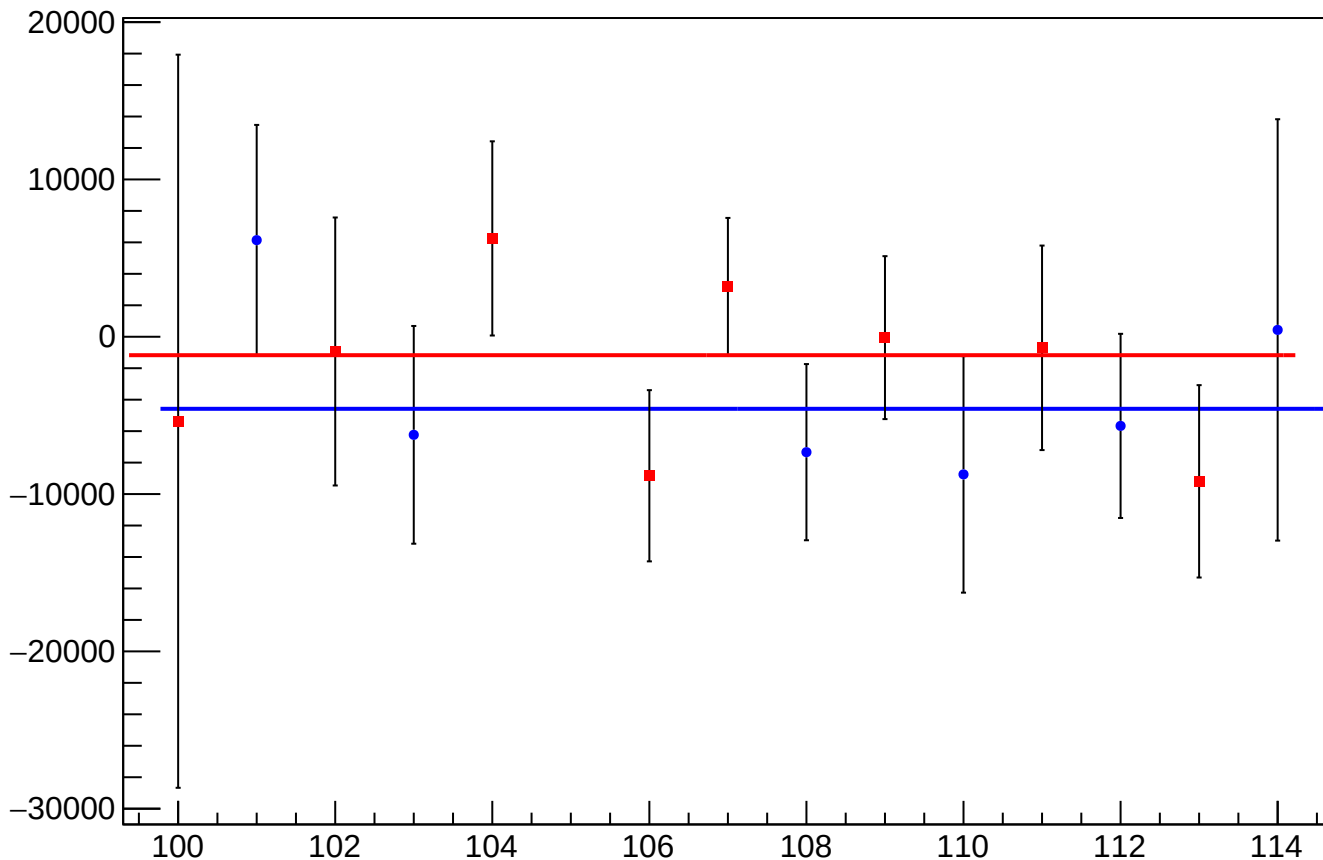
Right: 956.760+/-0.474 χ^2/NDF : 7685470.4/13

In: 3904.211+/-1.750 χ^2/NDF : 308537.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.760+/-0.474 χ^2/NDF : 7685470.4/13

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -4580.357+/-2841.346 χ^2/NDF : 2.9/5

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

Right Out: -1172.056+/-2151.595 χ^2/NDF : 6.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

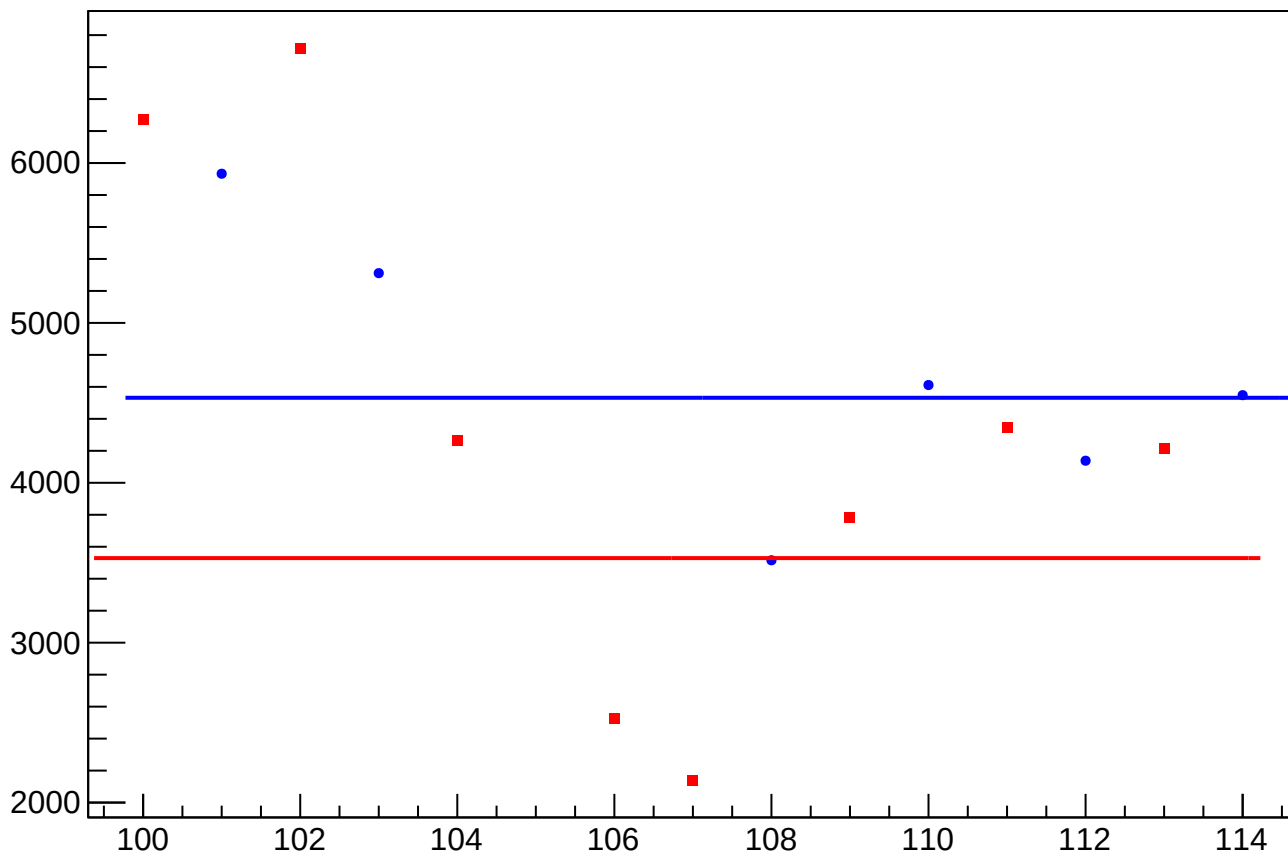
Right: -2414.183+/-1715.292 χ^2/NDF : 10.1/13

In: -4580.357+/-2841.346 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2414.183+/-1715.292 χ^2/NDF : 10.1/13

asym_atl1r2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

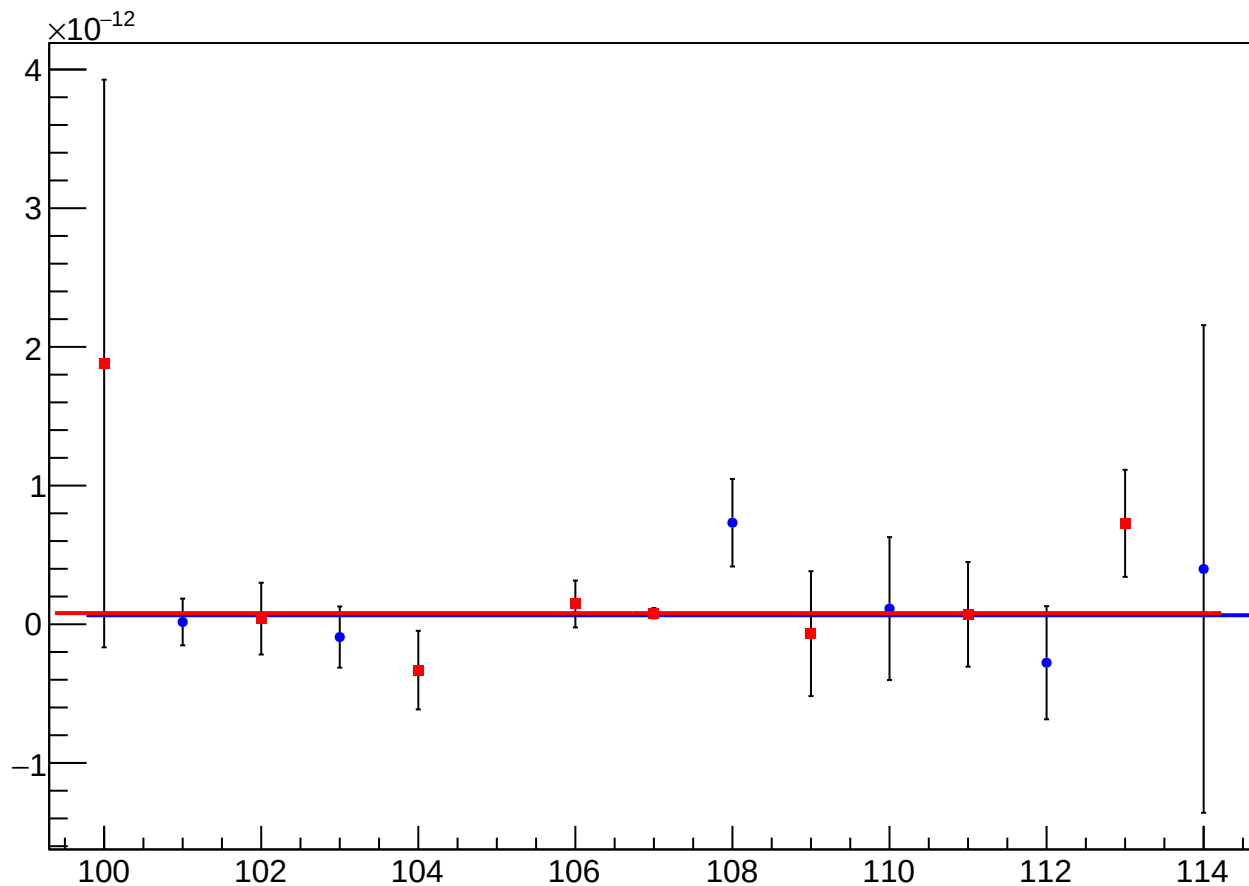
Right: 3885.613+/-1.198 χ^2/NDF : 1019998.6/13

In: 4531.761+/-2.009 χ^2/NDF : 173752.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3885.613+/-1.198 χ^2/NDF : 1019998.6/13

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

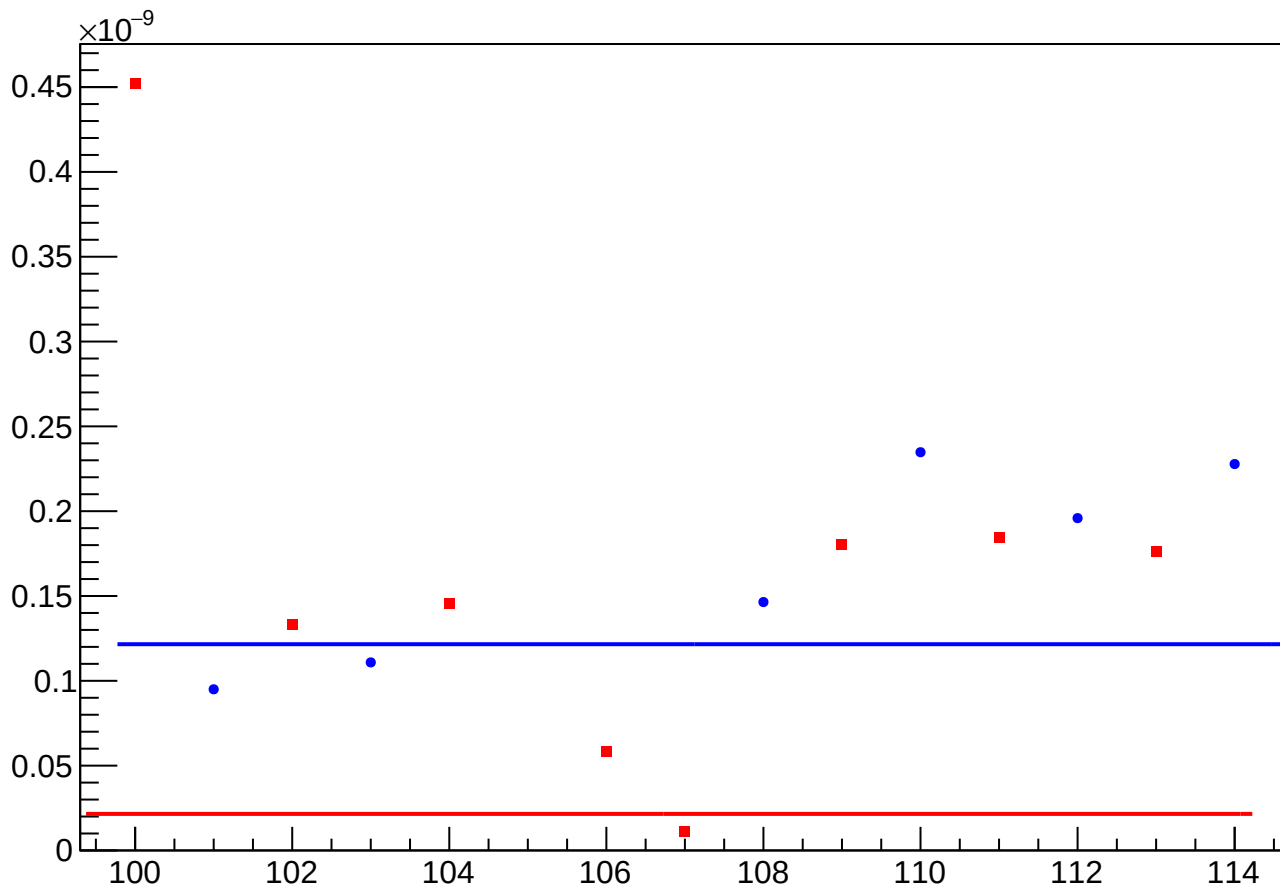
Right: 0.000+/-0.000 χ^2 /NDF: 11.8/13

In: 0.000+/-0.000 χ^2 /NDF: 5.8/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.8/13

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

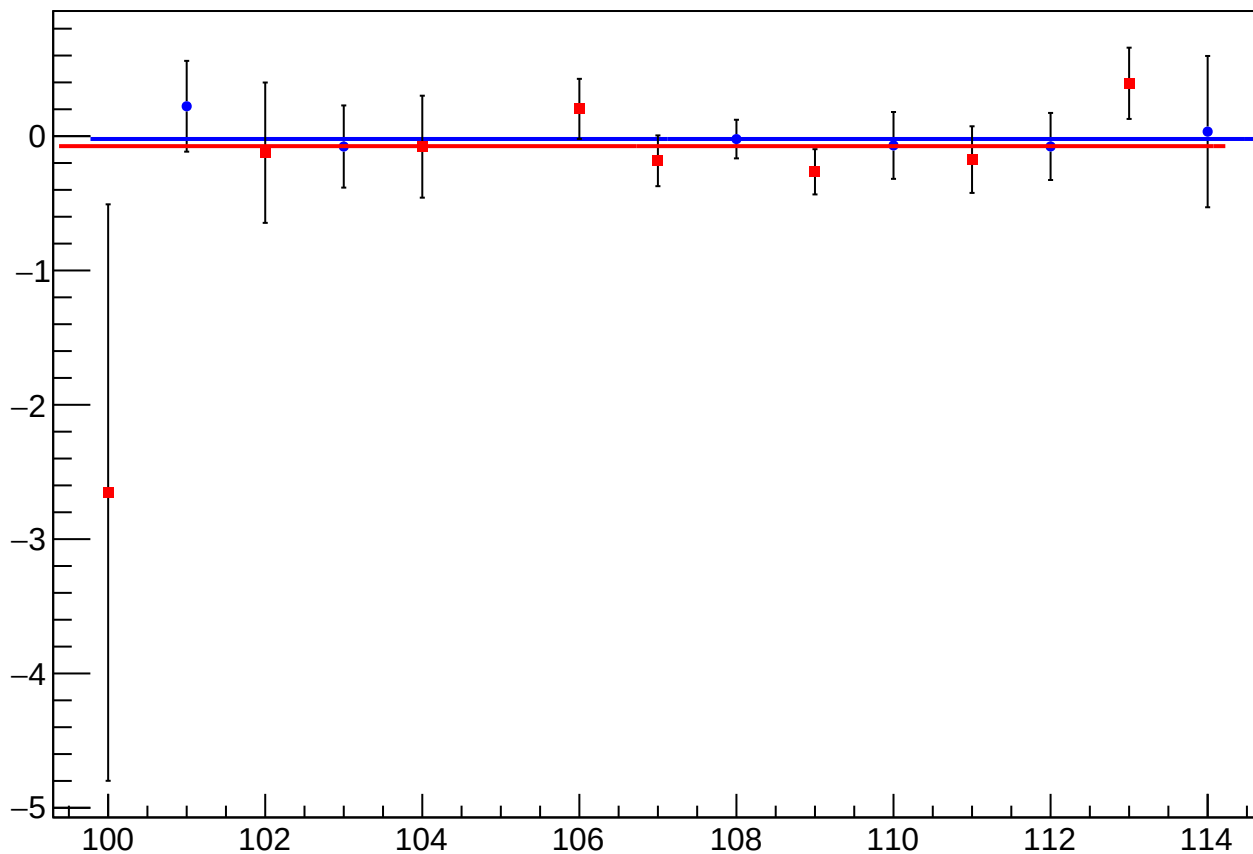
Right: 0.000+/-0.000 χ^2/NDF : 3662010.7/13

In: 0.000+/-0.000 χ^2/NDF : 237071.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3662010.7/13

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

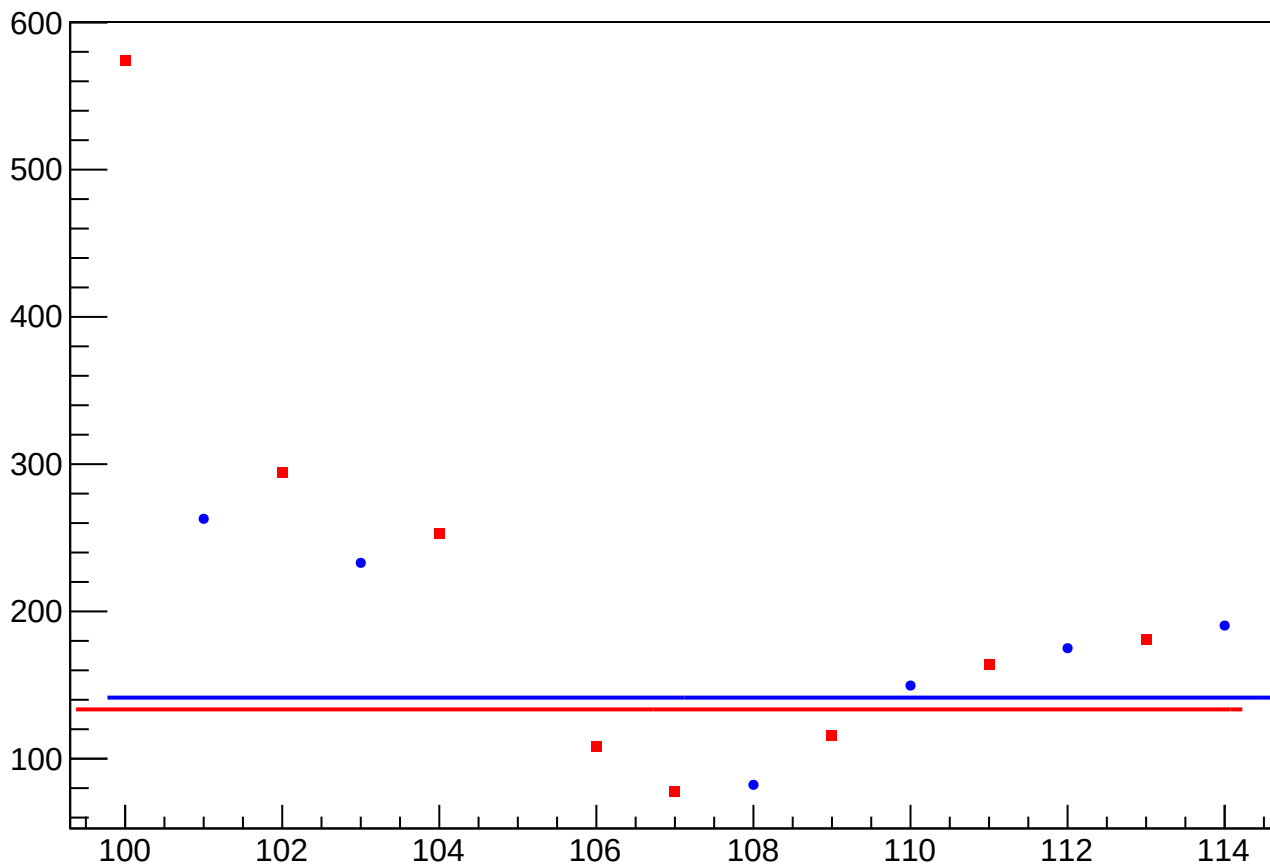
Right: -0.050 ± 0.066 χ^2/NDF : 8.7/13

In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.066 χ^2/NDF : 8.7/13

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.472+/-0.070 χ^2/NDF : 830113.4/5

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

Right Out: 133.467+/-0.063 χ^2/NDF : 790611.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

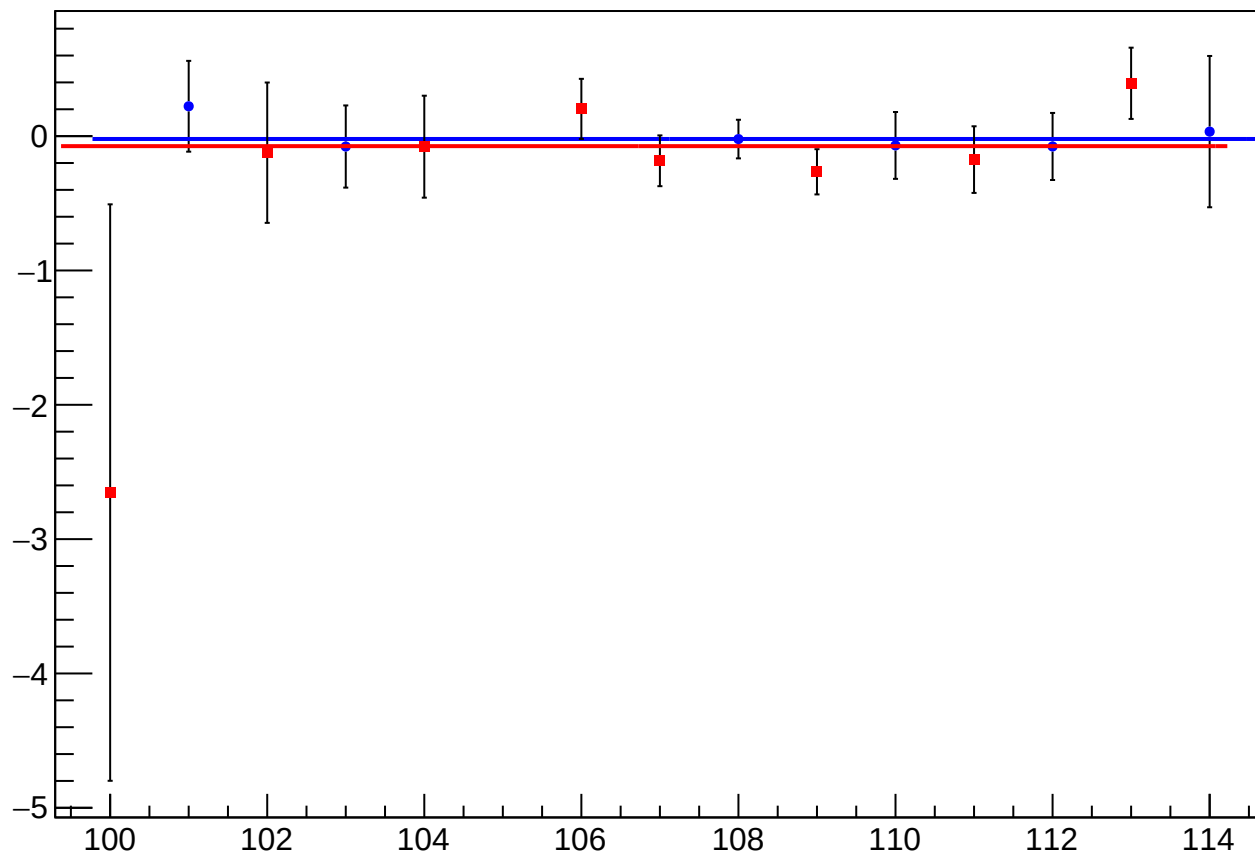
Right: 137.094+/-0.047 χ^2/NDF : 1627957.5/13

In: 141.472+/-0.070 χ^2/NDF :830113.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.094+/-0.047 χ^2/NDF : 1627957.5/13

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

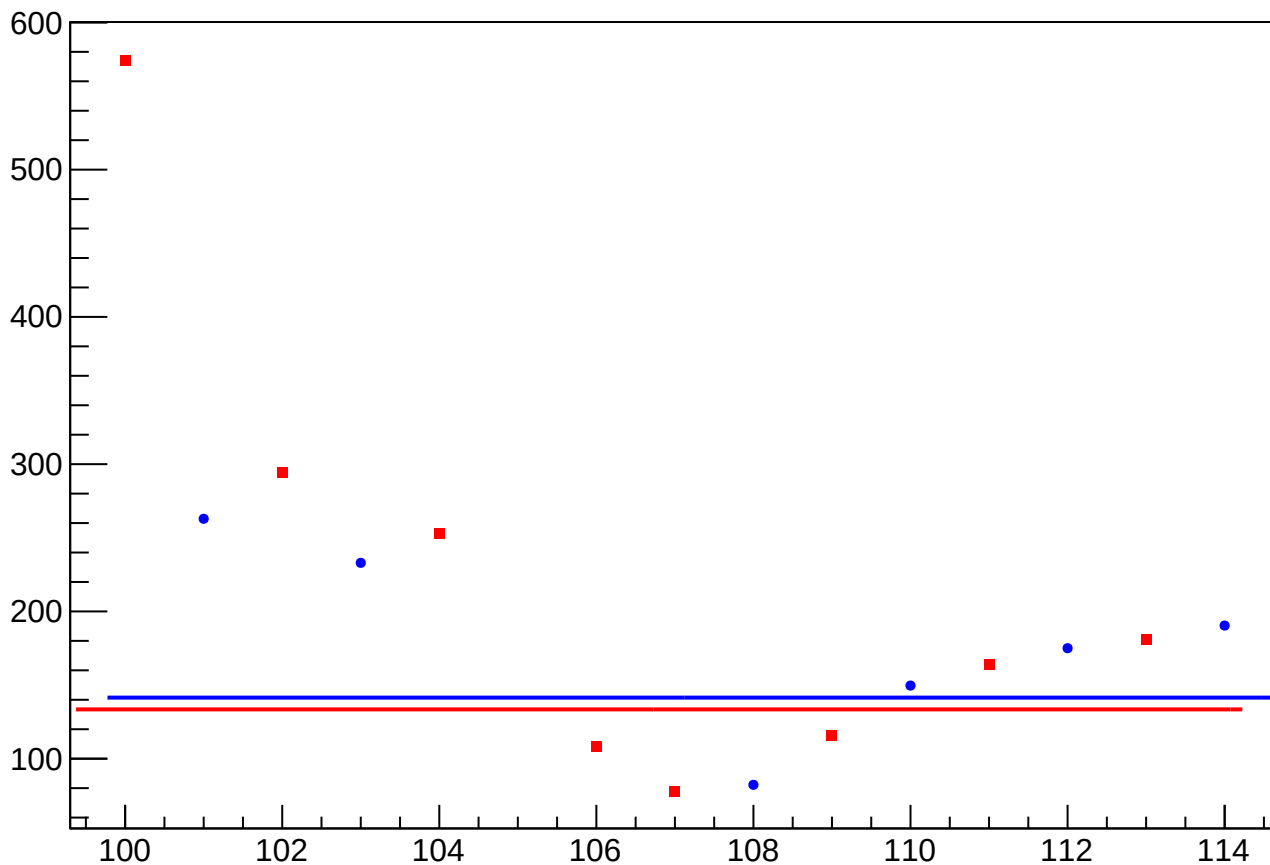
Right: -0.050 ± 0.066 χ^2/NDF : 8.7/13

In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.066 χ^2/NDF : 8.7/13

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.472+/-0.070 χ^2/NDF : 830113.4/5

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

Right Out: 133.467+/-0.063 χ^2/NDF : 790611.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

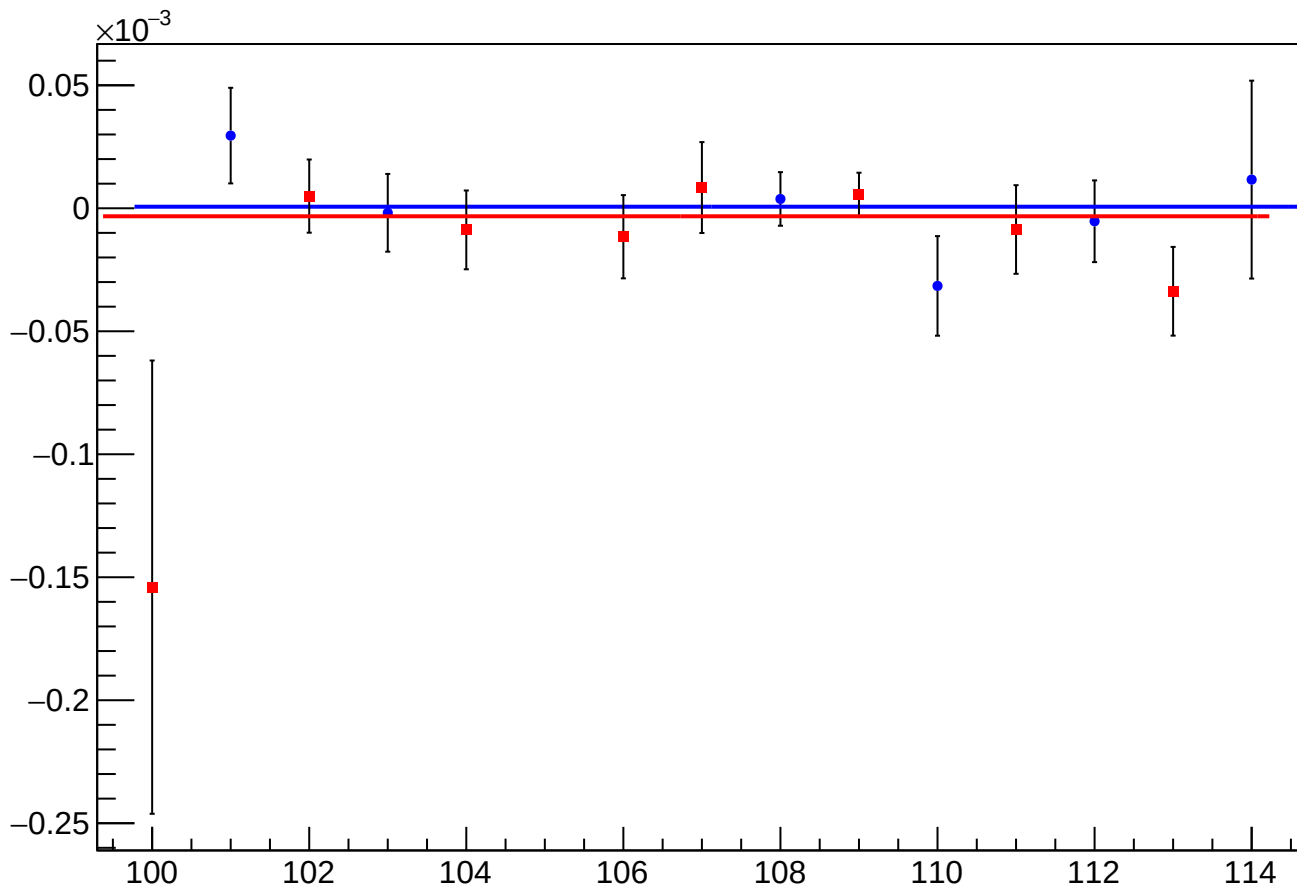
Right: 137.094+/-0.047 χ^2/NDF : 1627957.5/13

In: 141.472+/-0.070 χ^2/NDF : 830113.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.094+/-0.047 χ^2/NDF : 1627957.5/13

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

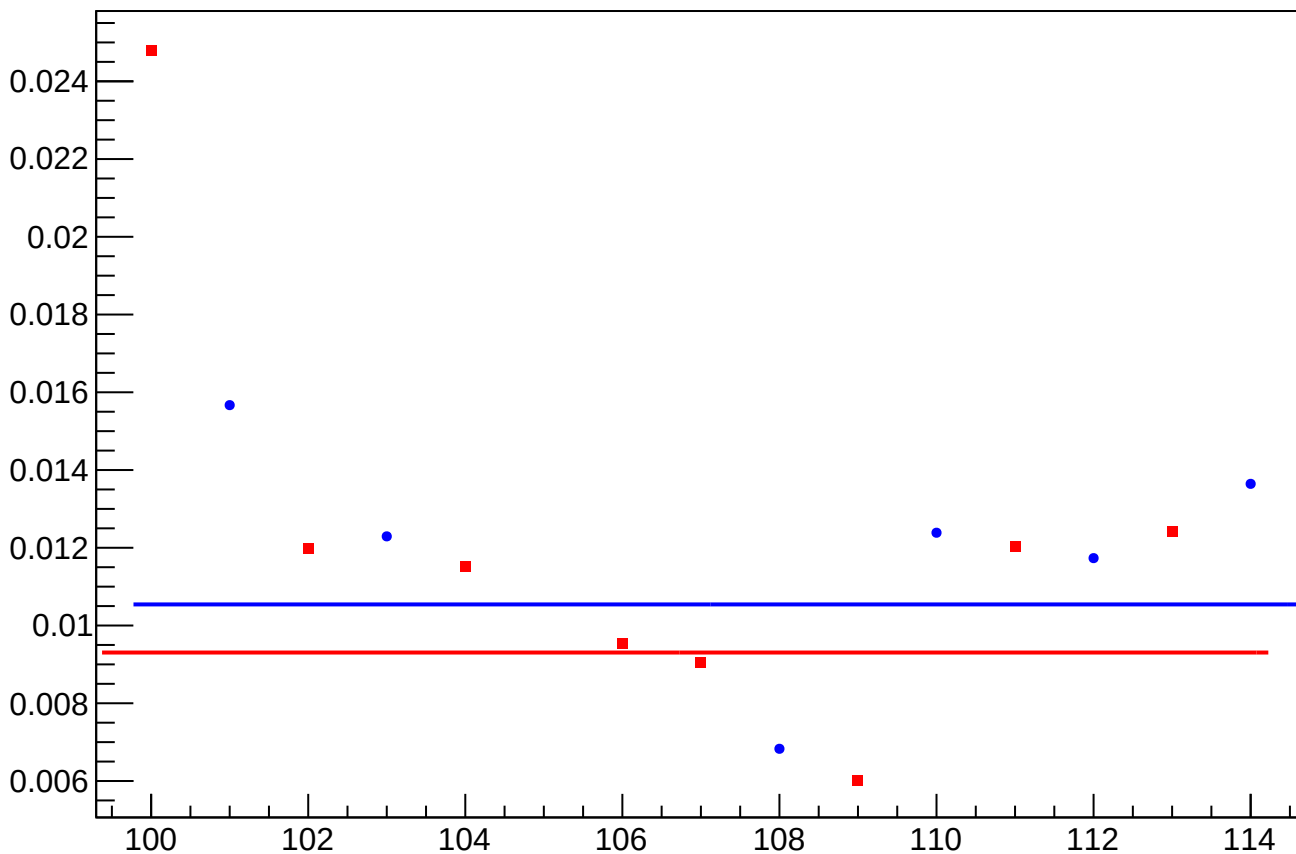
Right: -0.000+/-0.000 χ^2/NDF : 12.9/13

In: 0.000+/-0.000 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.9/13

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

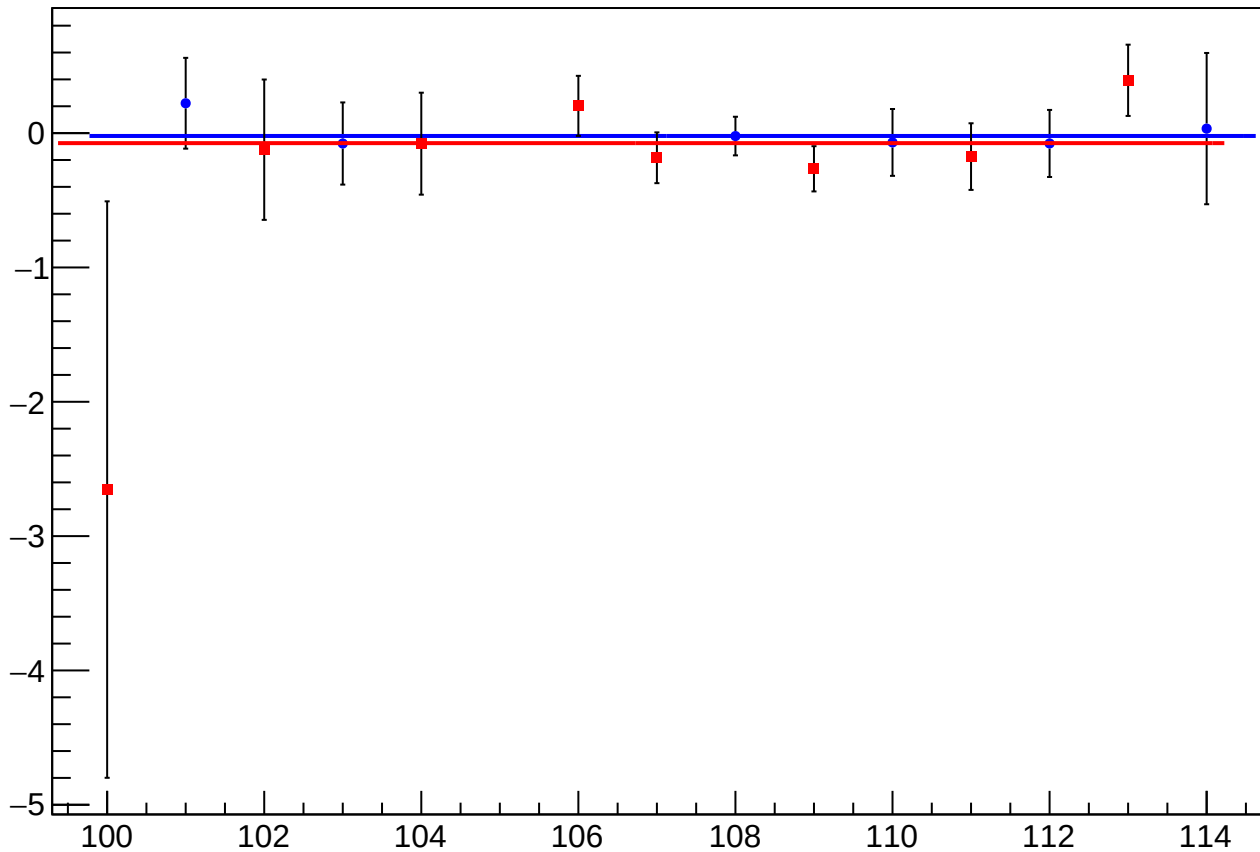
Right: 0.010+/-0.000 χ^2/NDF : 1008329.0/13

In: 0.011+/-0.000 χ^2/NDF :435074.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1008329.0/13

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

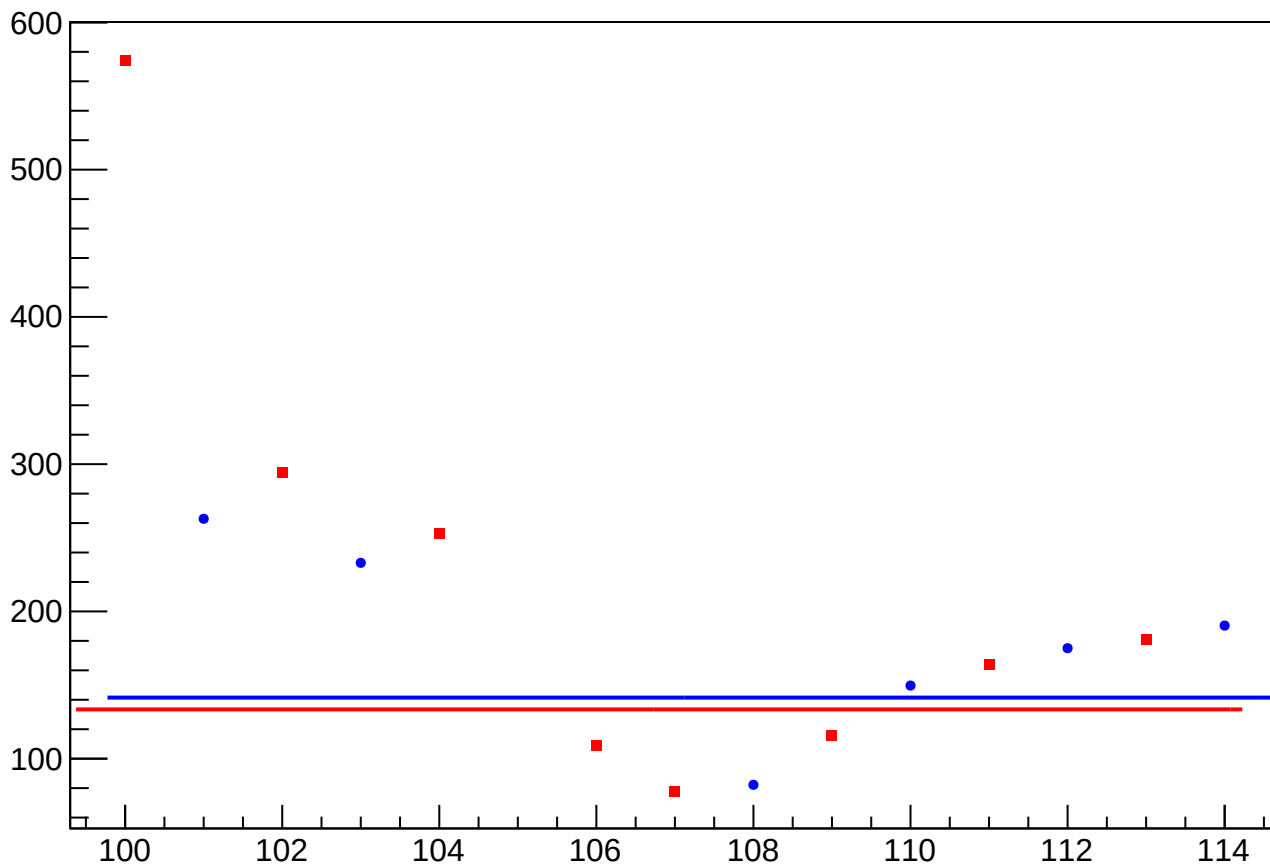
Right: -0.050 ± 0.066 χ^2/NDF : 8.7/13

In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.066 χ^2/NDF : 8.7/13

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.472+/-0.070 χ^2/NDF : 830115.0/5

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

Right Out: 133.467+/-0.063 χ^2/NDF : 790638.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

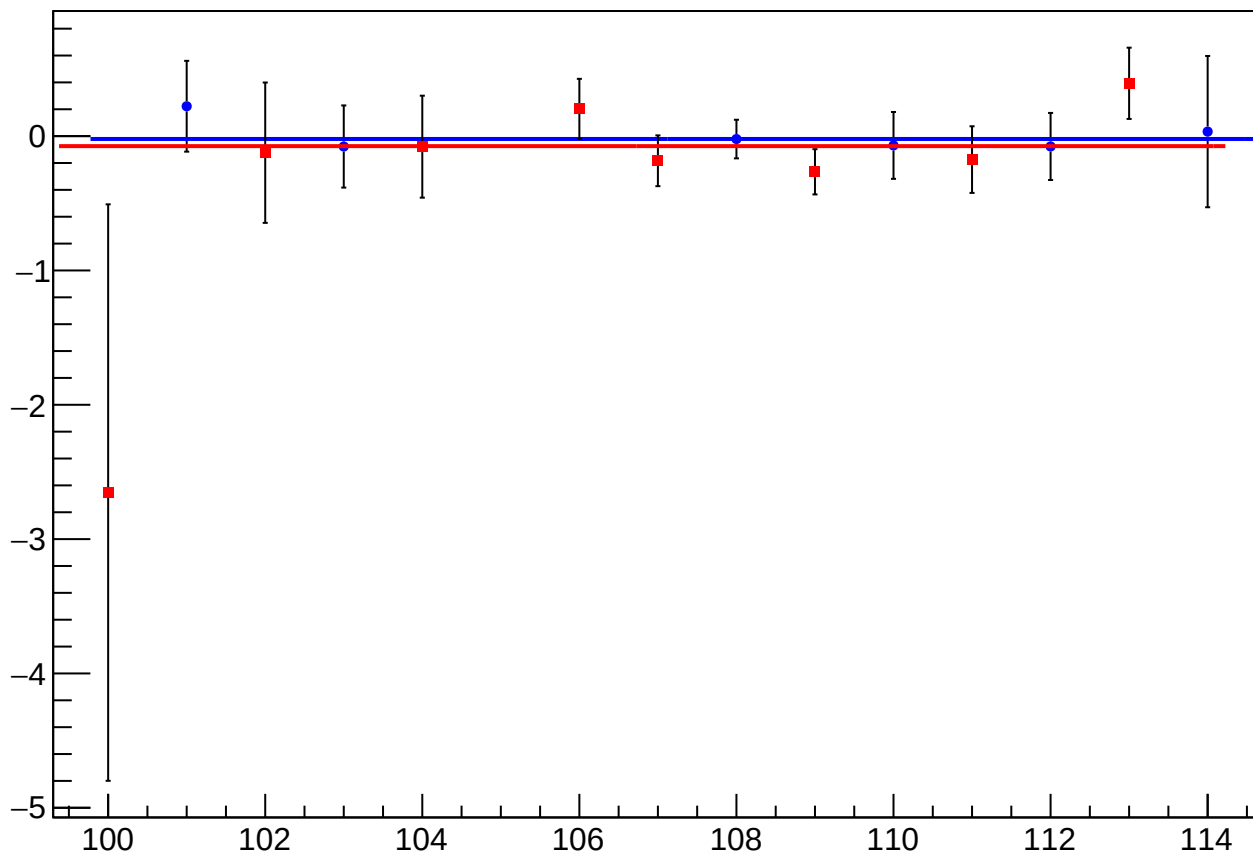
Right: 137.094+/-0.047 χ^2/NDF : 1627986.6/13

In: 141.472+/-0.070 χ^2/NDF :830115.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.094+/-0.047 χ^2/NDF : 1627986.6/13

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

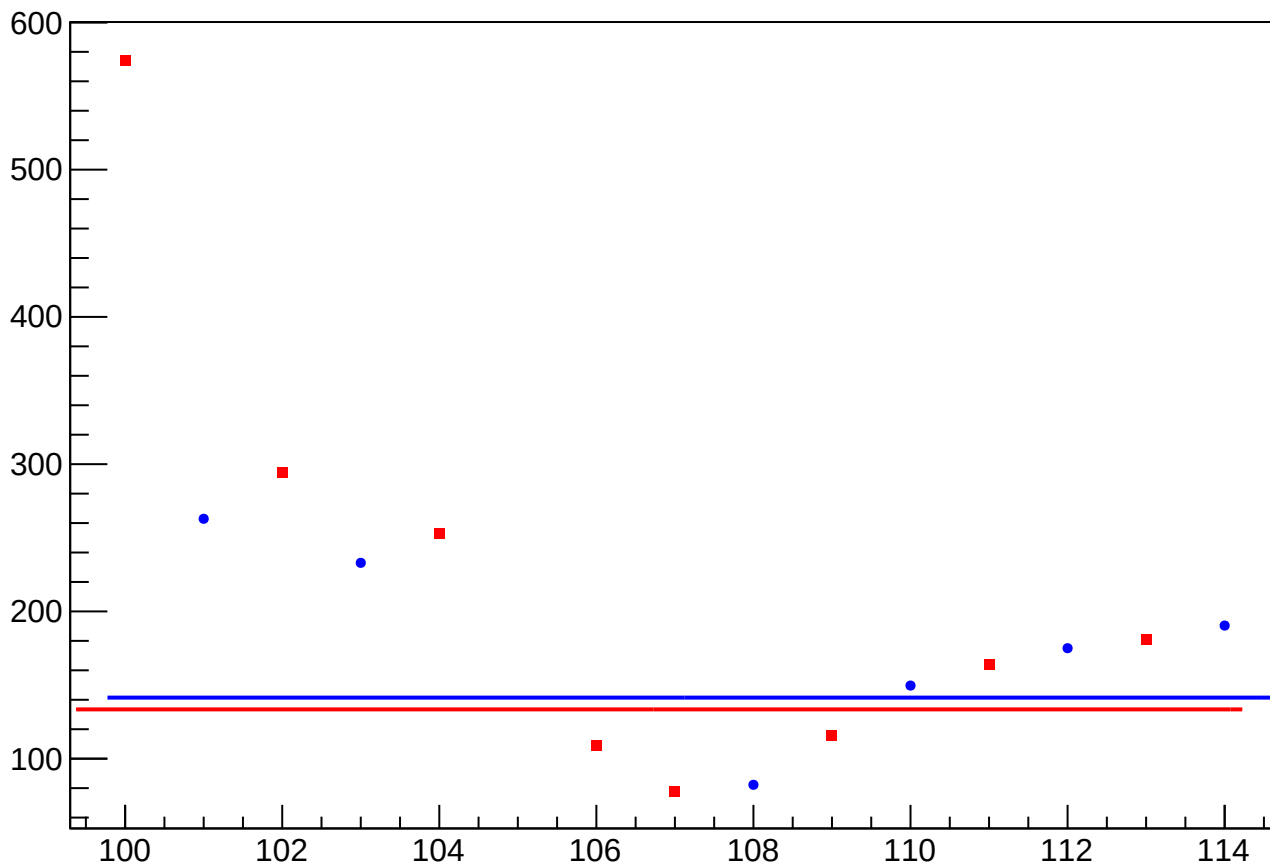
Right: -0.050 ± 0.066 χ^2/NDF : 8.7/13

In: -0.021 ± 0.098 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.066 χ^2/NDF : 8.7/13

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.472+/-0.070 χ^2/NDF : 830115.0/5

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

Right Out: 133.467+/-0.063 χ^2/NDF : 790638.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

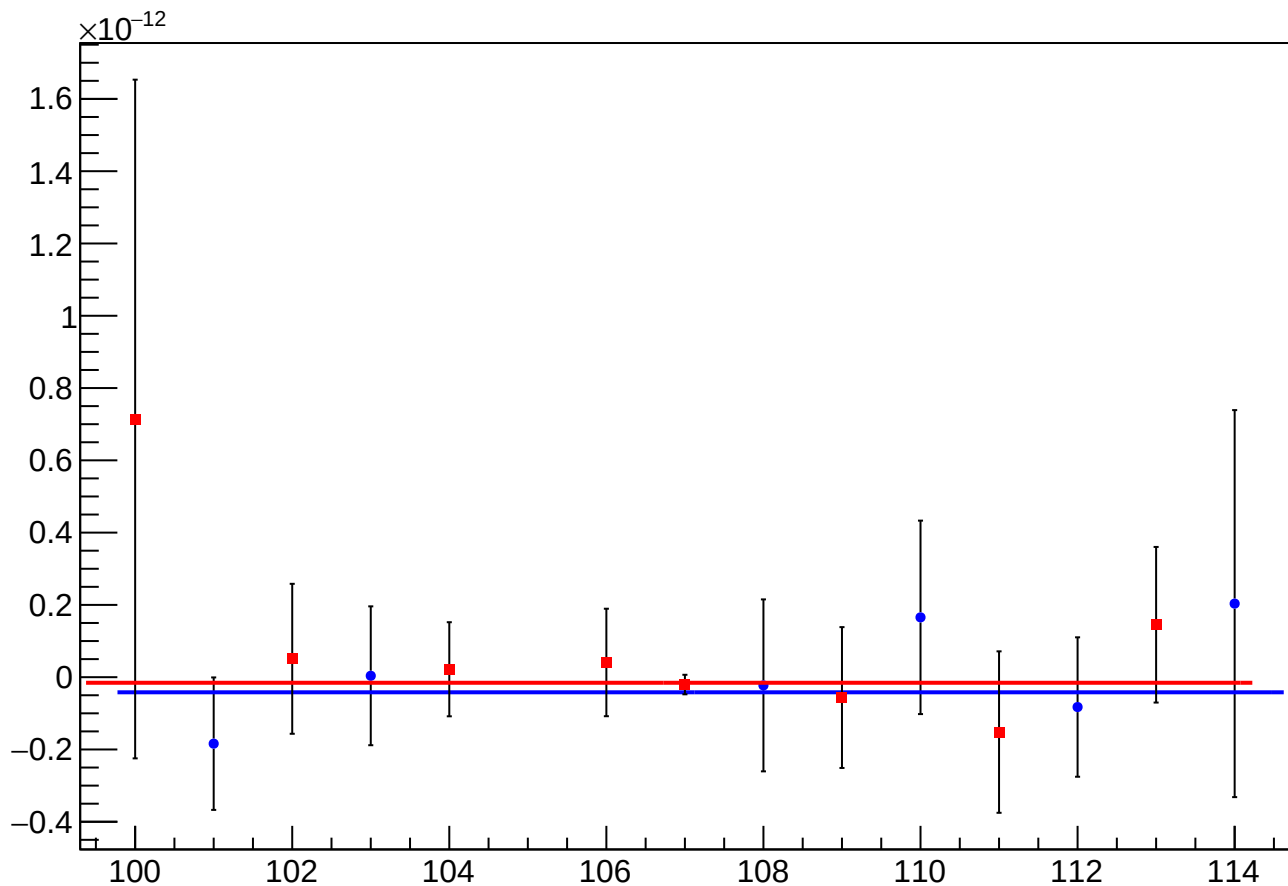
Right: 137.094+/-0.047 χ^2/NDF : 1627986.6/13

In: 141.472+/-0.070 χ^2/NDF : 830115.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.094+/-0.047 χ^2/NDF : 1627986.6/13

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/5

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

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

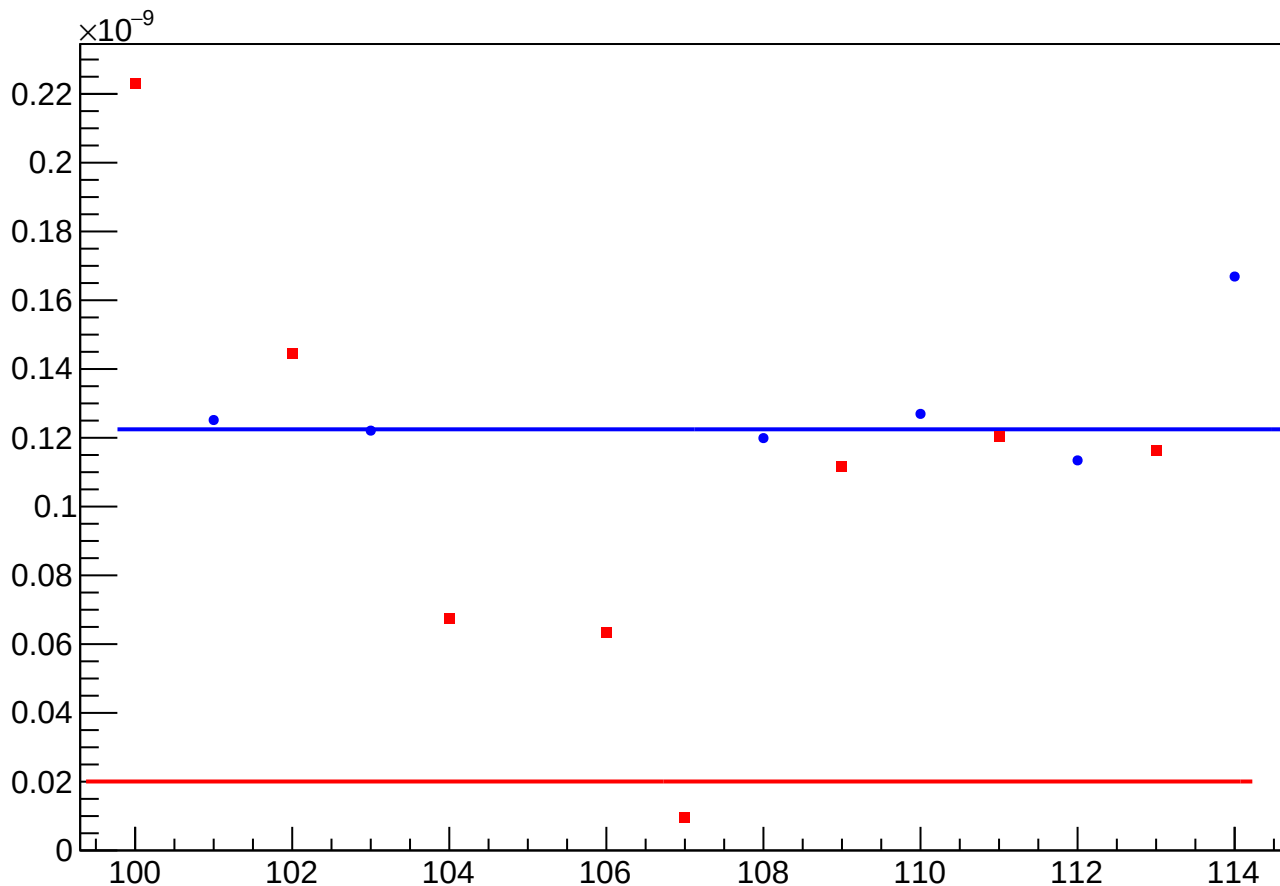
Right: -0.000+/-0.000 χ^2/NDF : 3.5/13

In: -0.000+/-0.000 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/13

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

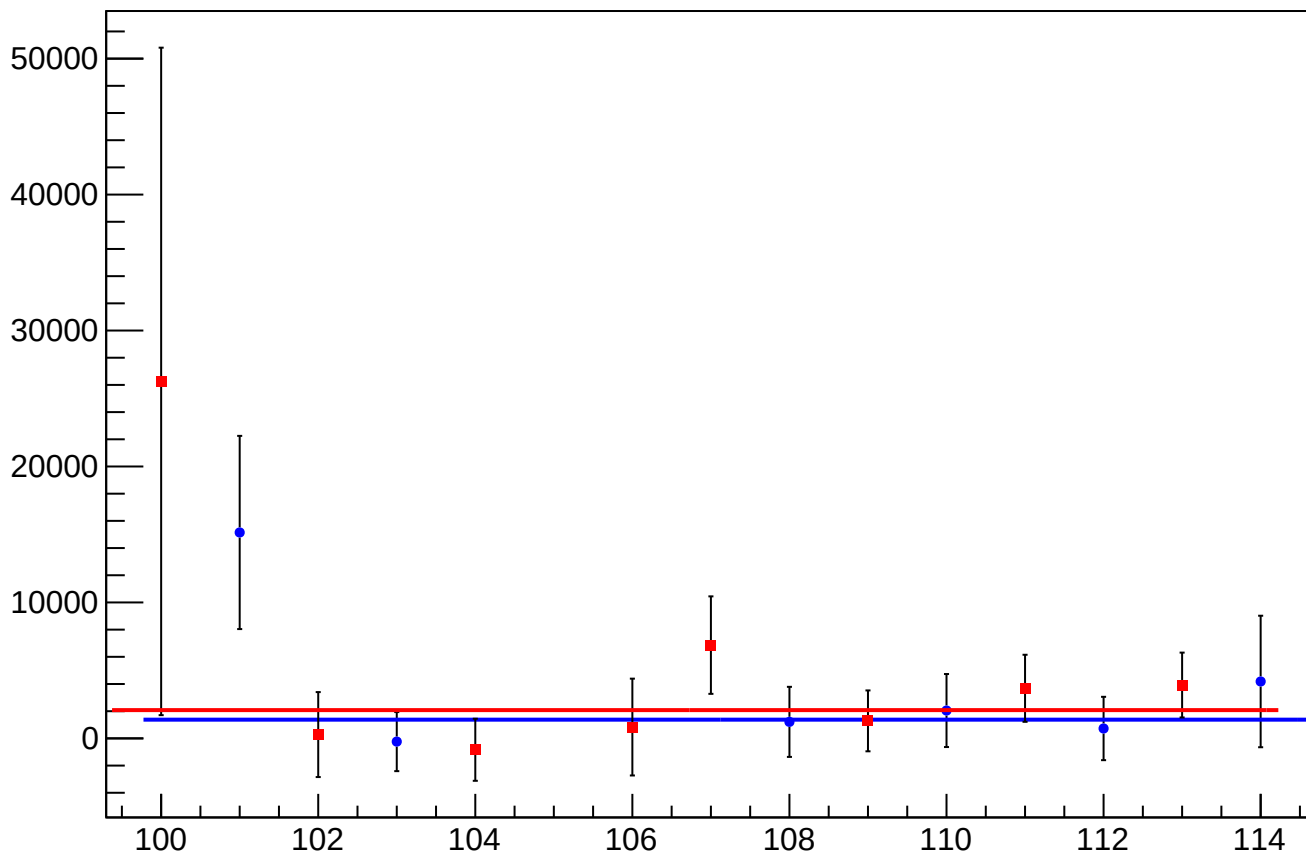
Right: 0.000+/-0.000 χ^2/NDF : 5133132.8/13

In: 0.000+/-0.000 χ^2/NDF : 19393.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5133132.8/13

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

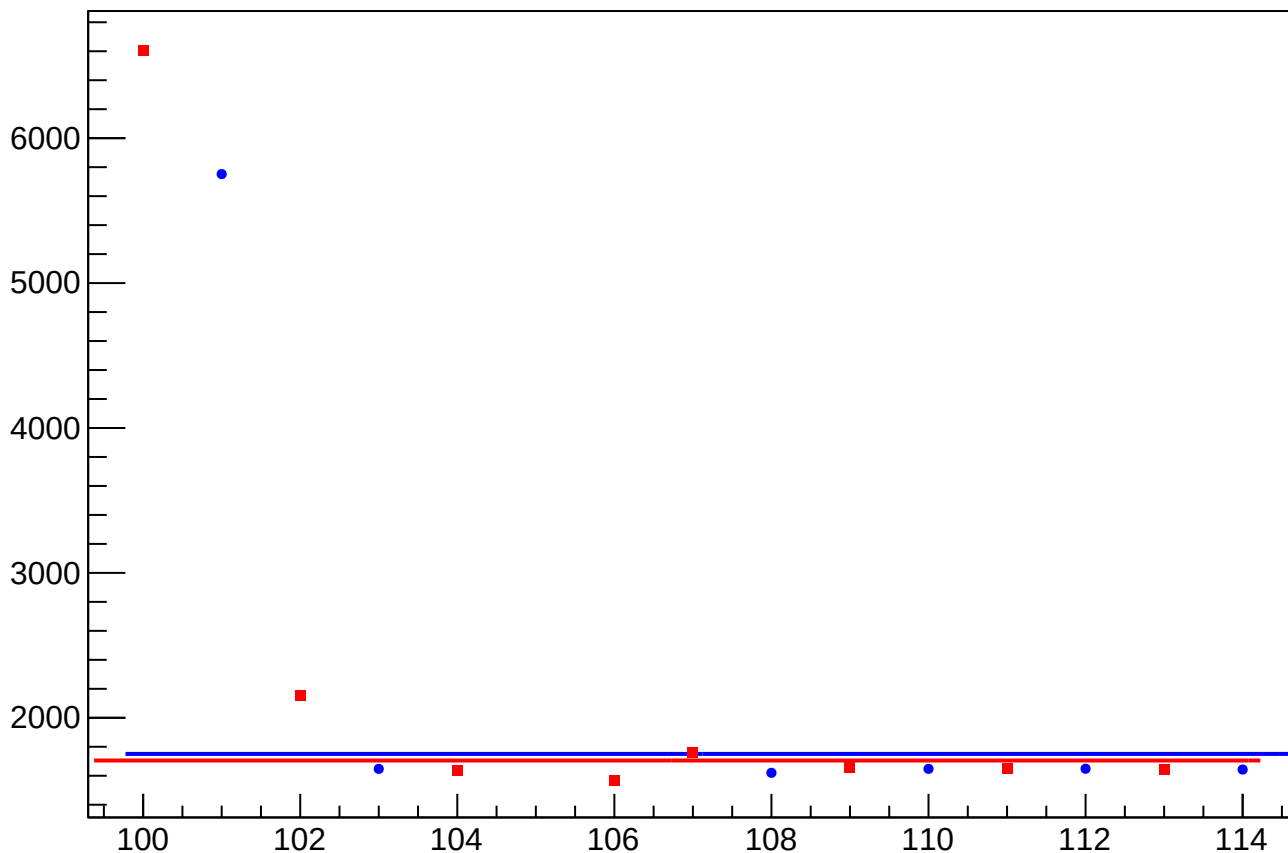
Right: 1778.057+/-758.026 χ^2/NDF : 11.0/13

In: 1377.449+/-1156.354 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.057+/-758.026 χ^2/NDF : 11.0/13

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.707+/-0.818 χ^2/NDF : 651679.8/5

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

Right Out: 1705.279+/-0.698 χ^2/NDF : 131051.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

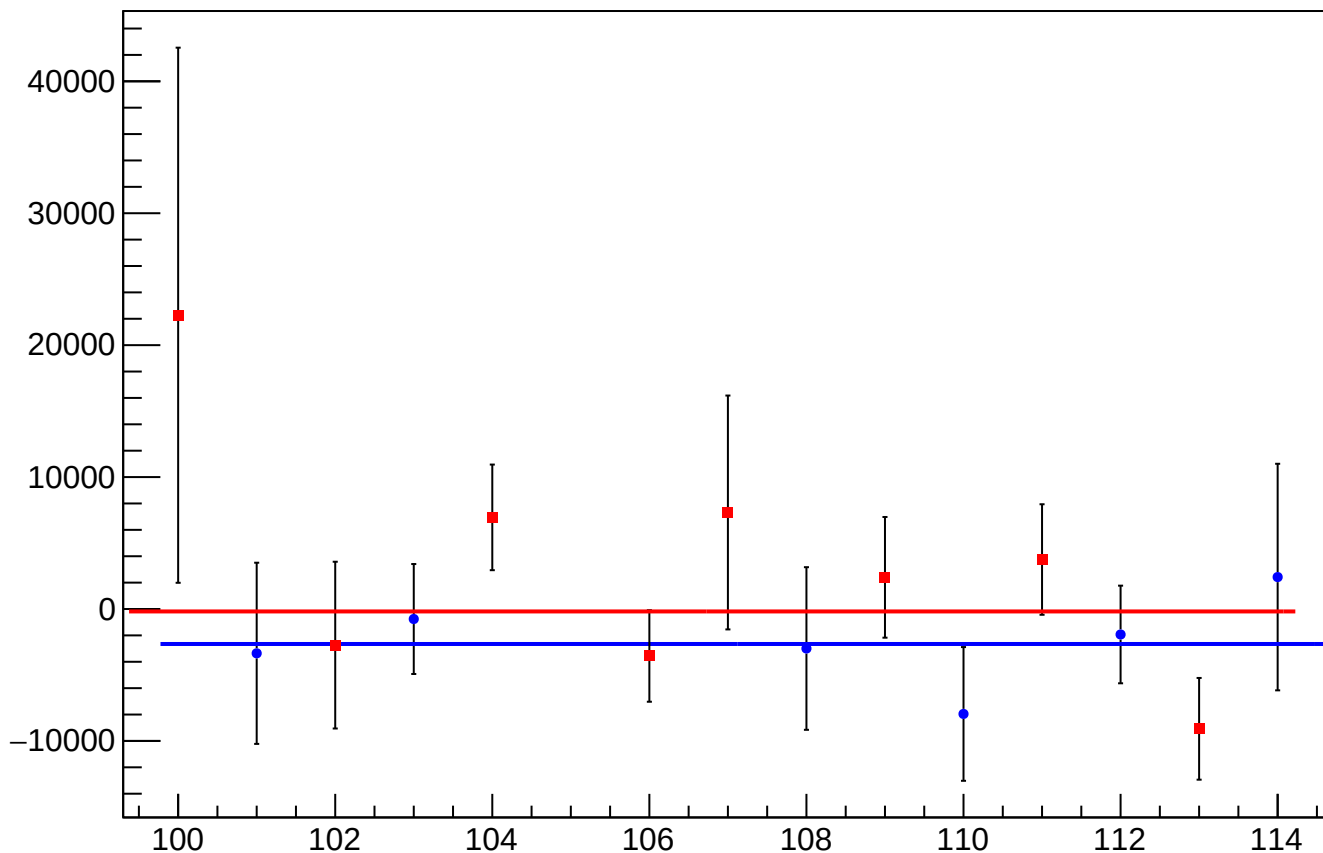
Right: 1724.420+/-0.531 χ^2/NDF : 784517.2/13

In: 1750.707+/-0.818 χ^2/NDF : 651679.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.420+/-0.531 χ^2/NDF : 784517.2/13

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

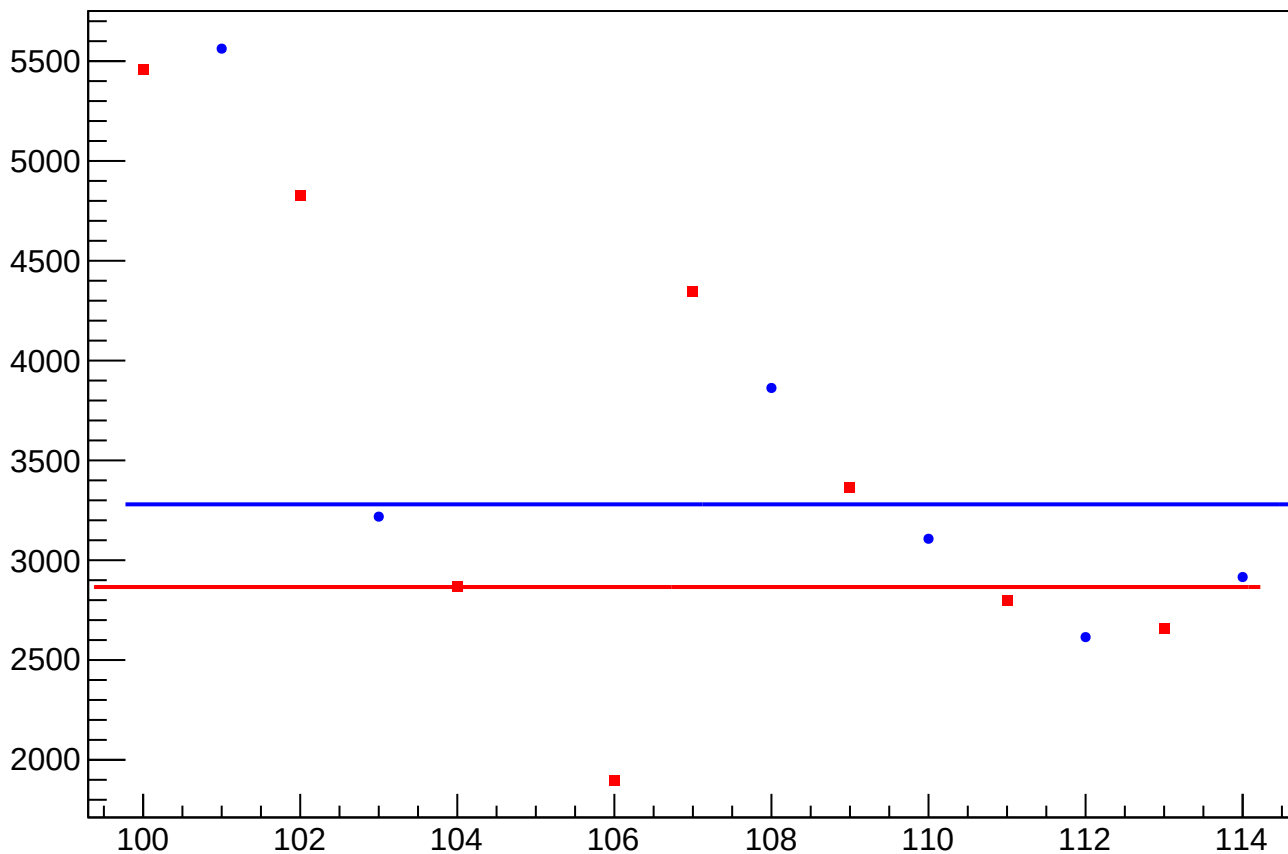
Right: -1151.340+/-1303.701 χ^2/NDF : 15.3/13

In: -2651.497+/-2082.368 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1151.340+/-1303.701 χ^2/NDF : 15.3/13

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

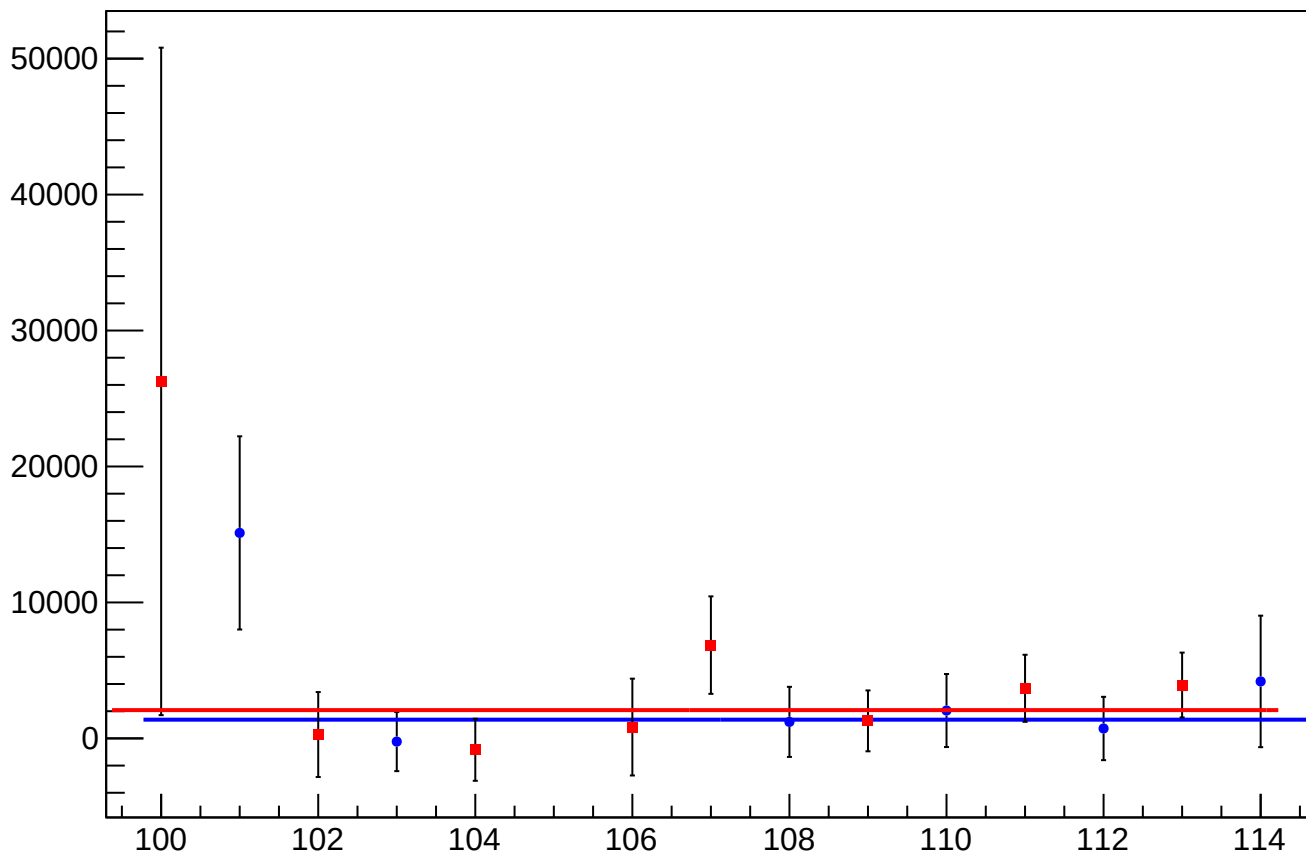
Right: 3028.091+/-0.922 χ^2/NDF : 824949.6/13

In: 3279.892+/-1.472 χ^2/NDF : 309836.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3028.091+/-0.922 χ^2/NDF : 824949.6/13

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

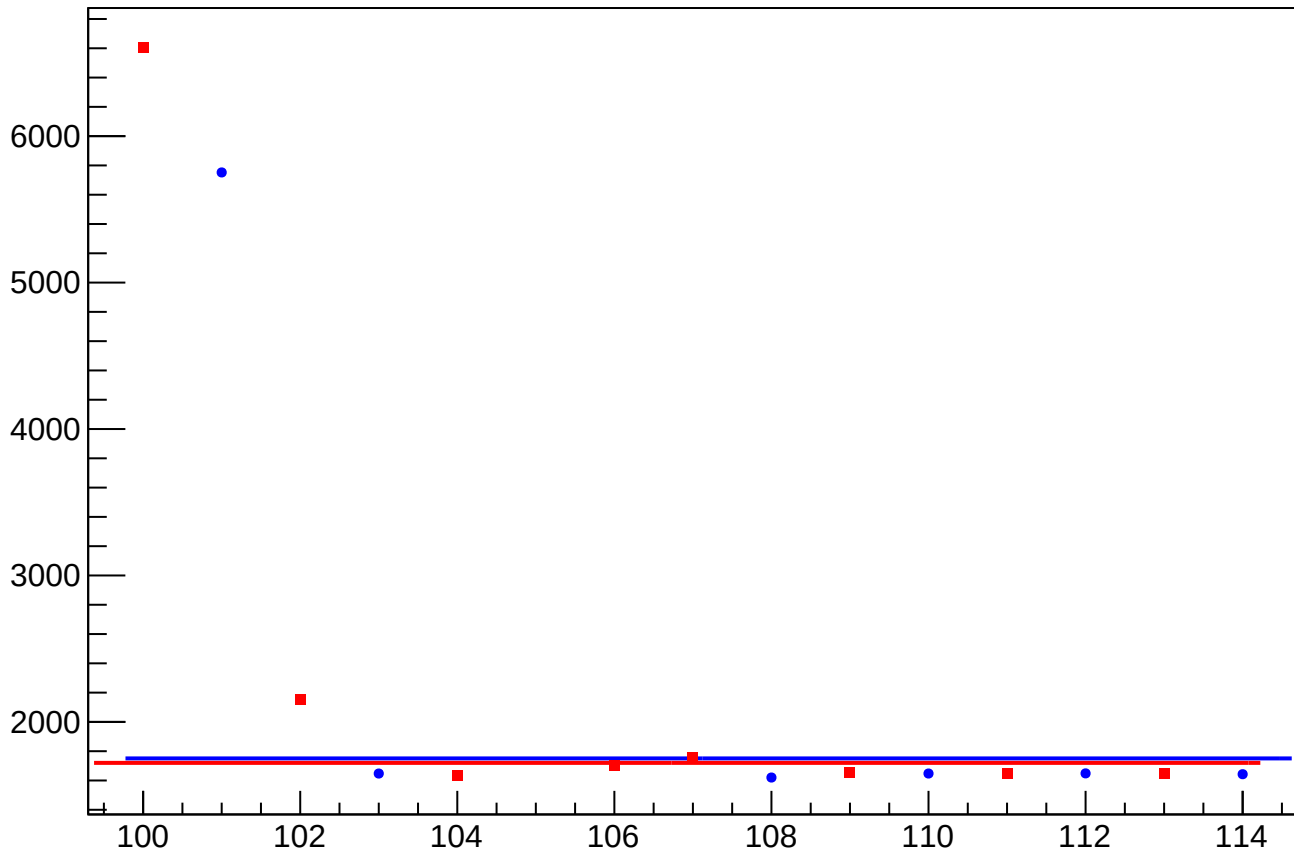
Right: 1777.928+/-758.026 χ^2/NDF : 11.0/13

In: 1376.830+/-1156.354 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.928+/-758.026 χ^2/NDF : 11.0/13

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.705+/-0.818 χ^2/NDF : 651680.0/5

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

Right Out: 1720.273+/-0.704 χ^2/NDF : 126282.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

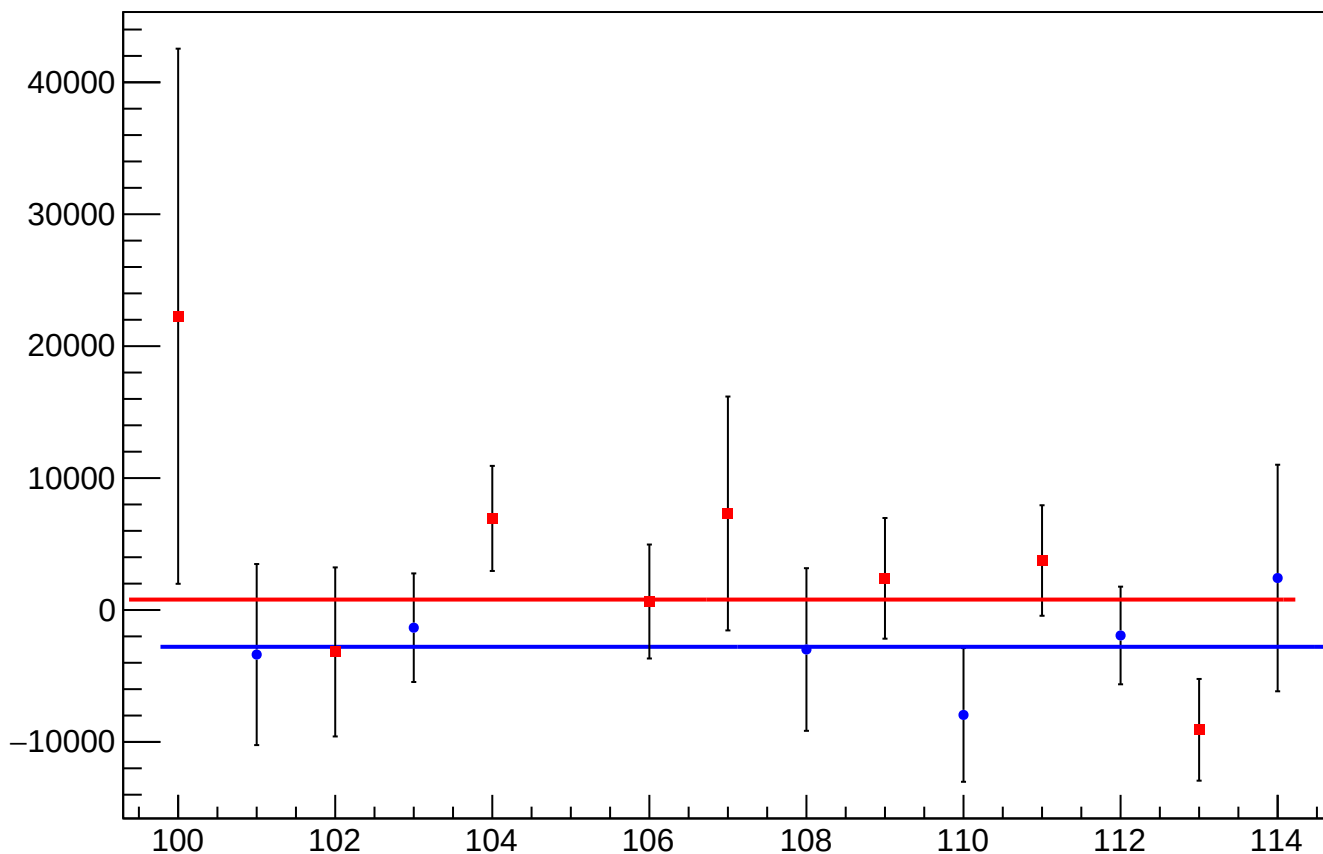
Right: 1733.220+/-0.533 χ^2/NDF : 778758.4/13

In: 1750.705+/-0.818 χ^2/NDF : 651680.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.220+/-0.533 χ^2/NDF : 778758.4/13

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2789.552+/-2075.641 χ^2/NDF : 1.6/5

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

Right Out: 791.082+/-1745.456 χ^2/NDF : 11.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

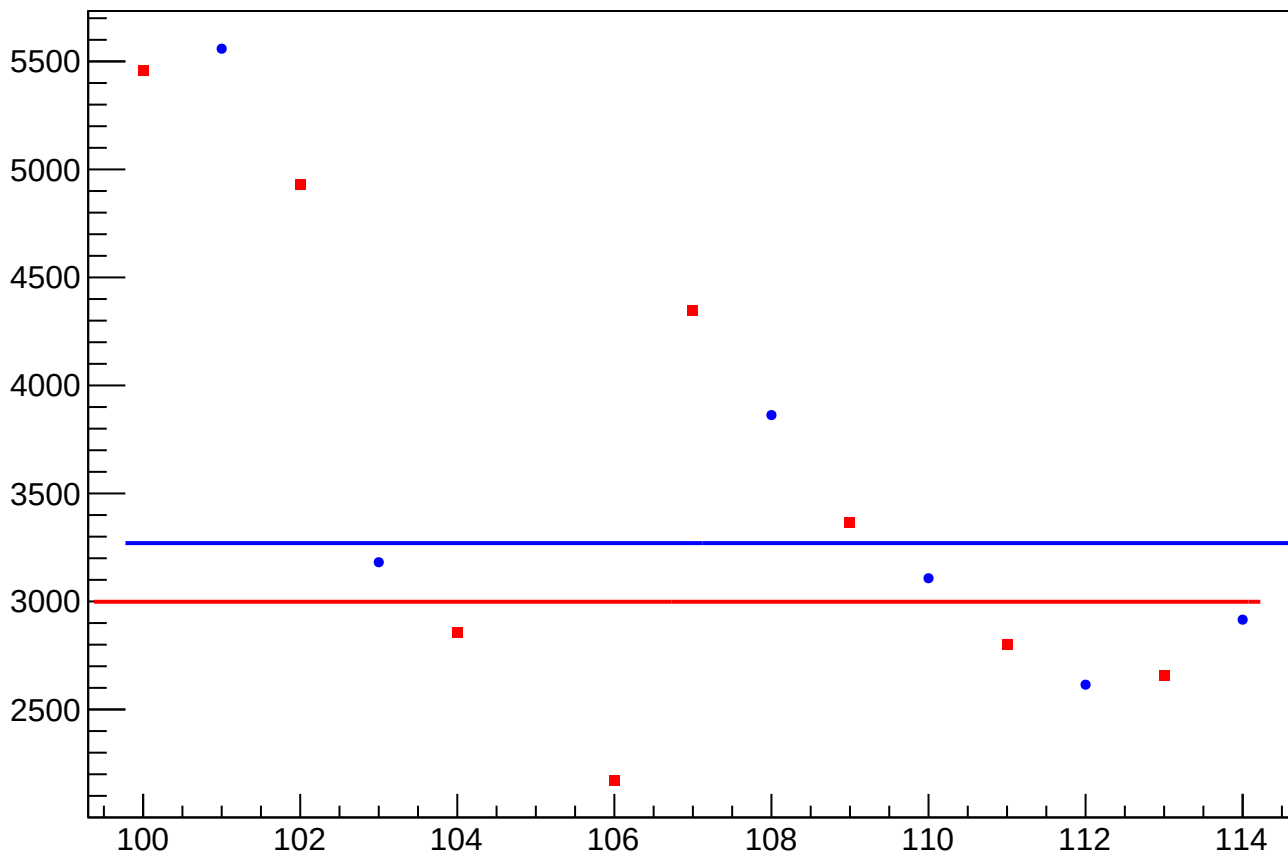
Right: -692.122+/-1335.896 χ^2/NDF : 15.0/13

In: -2789.552+/-2075.641 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -692.122+/-1335.896 χ^2/NDF : 15.0/13

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

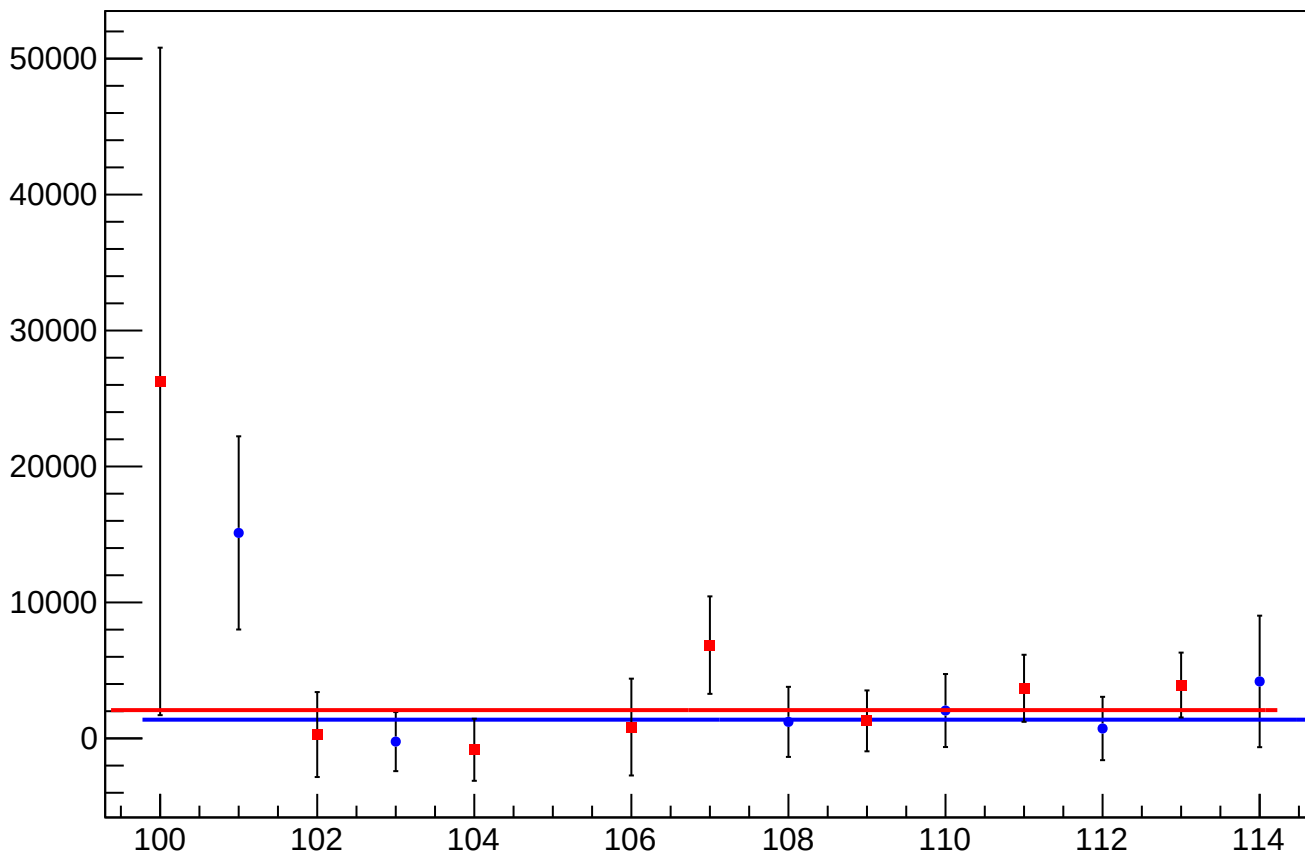
Right: 3111.063+/-0.945 χ^2/NDF : 695912.3/13

In: 3270.079+/-1.468 χ^2/NDF : 310049.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.063+/-0.945 χ^2/NDF : 695912.3/13

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

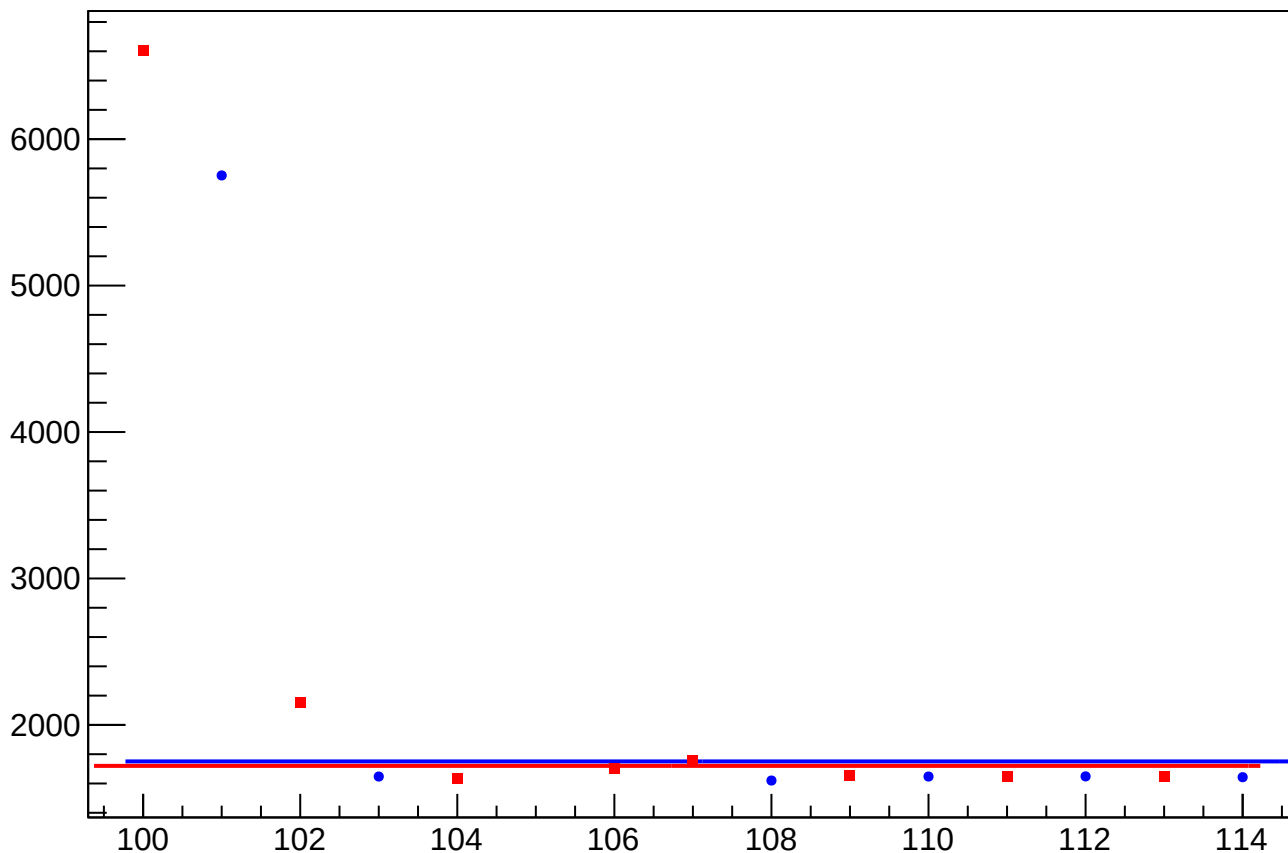
Right: 1777.928+/-758.026 χ^2/NDF : 11.0/13

In: 1376.830+/-1156.354 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.928+/-758.026 χ^2/NDF : 11.0/13

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1750.705+/-0.818 χ^2/NDF : 651680.0/5

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

Right Out: 1720.273+/-0.704 χ^2/NDF : 126282.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

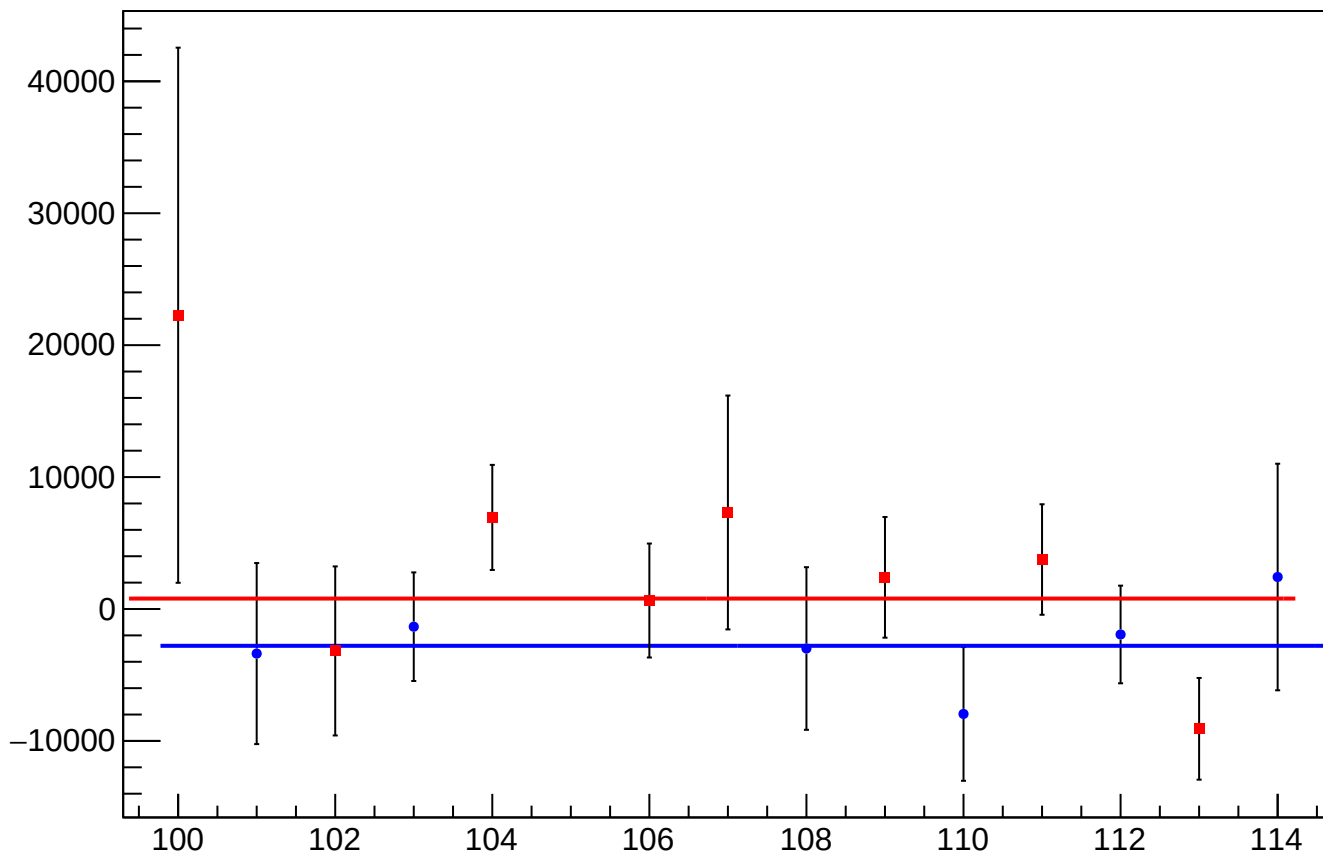
Right: 1733.220+/-0.533 χ^2/NDF : 778758.4/13

In: 1750.705+/-0.818 χ^2/NDF : 651680.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.220+/-0.533 χ^2/NDF : 778758.4/13

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2789.552+/-2075.641 χ^2/NDF : 1.6/5

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

Right Out: 791.082+/-1745.456 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

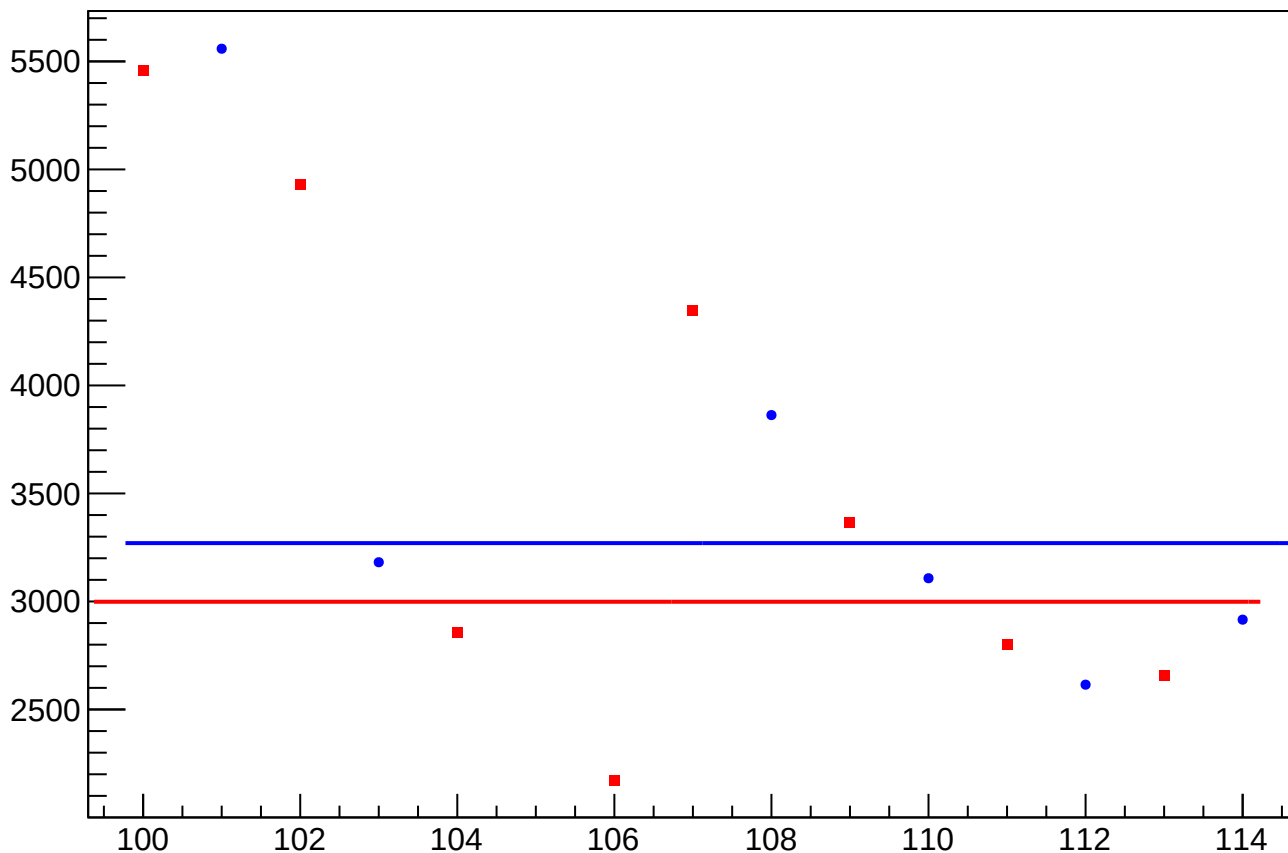
Right: -692.122+/-1335.896 χ^2/NDF : 15.0/13

In: -2789.552+/-2075.641 χ^2/NDF :1.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -692.122+/-1335.896 χ^2/NDF : 15.0/13

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

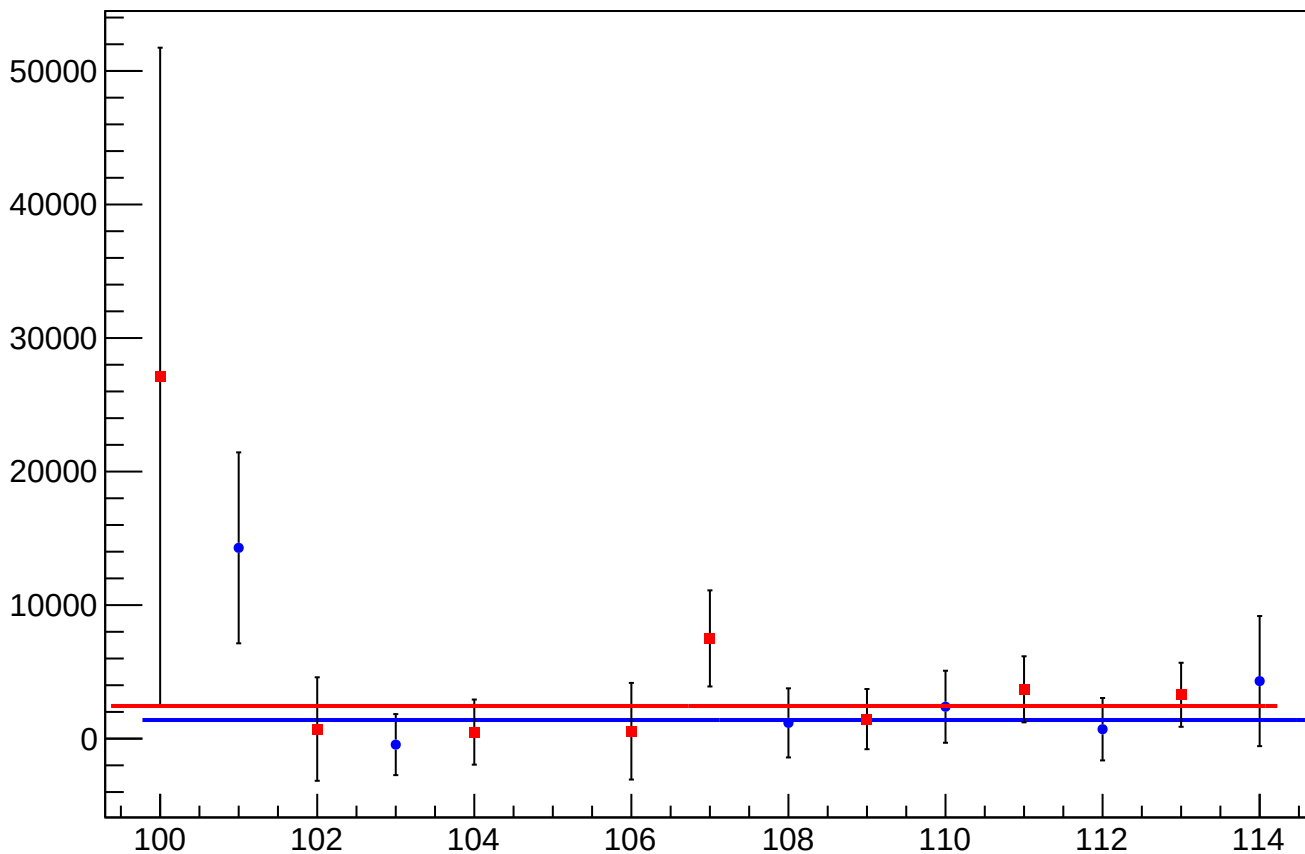
Right: 3111.063+/-0.945 χ^2/NDF : 695912.3/13

In: 3270.079+/-1.468 χ^2/NDF : 310049.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.063+/-0.945 χ^2/NDF : 695912.3/13

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1394.532+/-1175.991 χ^2/NDF : 4.5/5

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

Right Out: 2445.288+/-1040.113 χ^2/NDF : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

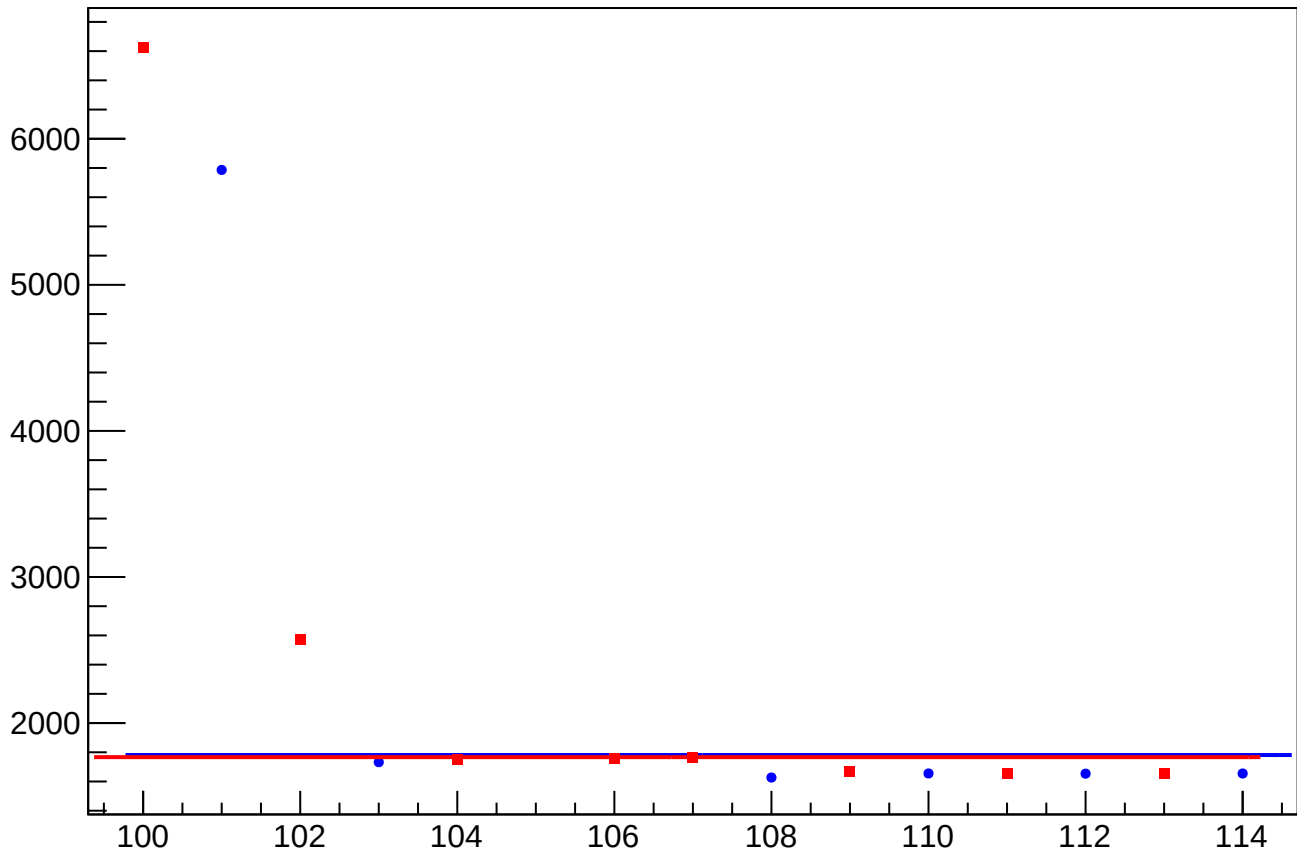
Right: 1984.095+/-779.103 χ^2/NDF : 9.6/13

In: 1394.532+/-1175.991 χ^2/NDF :4.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1984.095+/-779.103 χ^2/NDF : 9.6/13

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

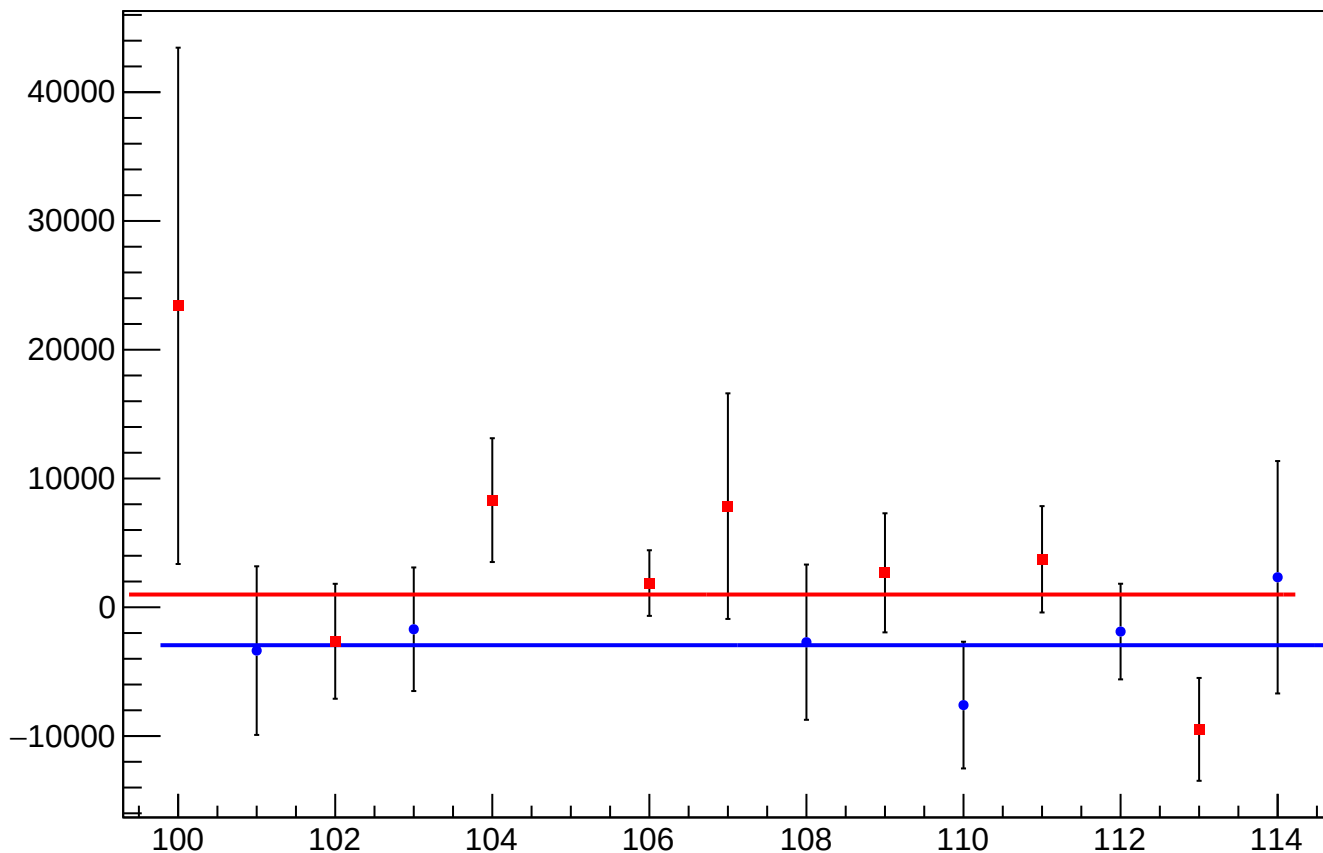
Right: 1773.055+/-0.549 χ^2/NDF : 824949.1/13

In: 1781.204+/-0.832 χ^2/NDF : 647356.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1773.055+/-0.549 χ^2/NDF : 824949.1/13

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

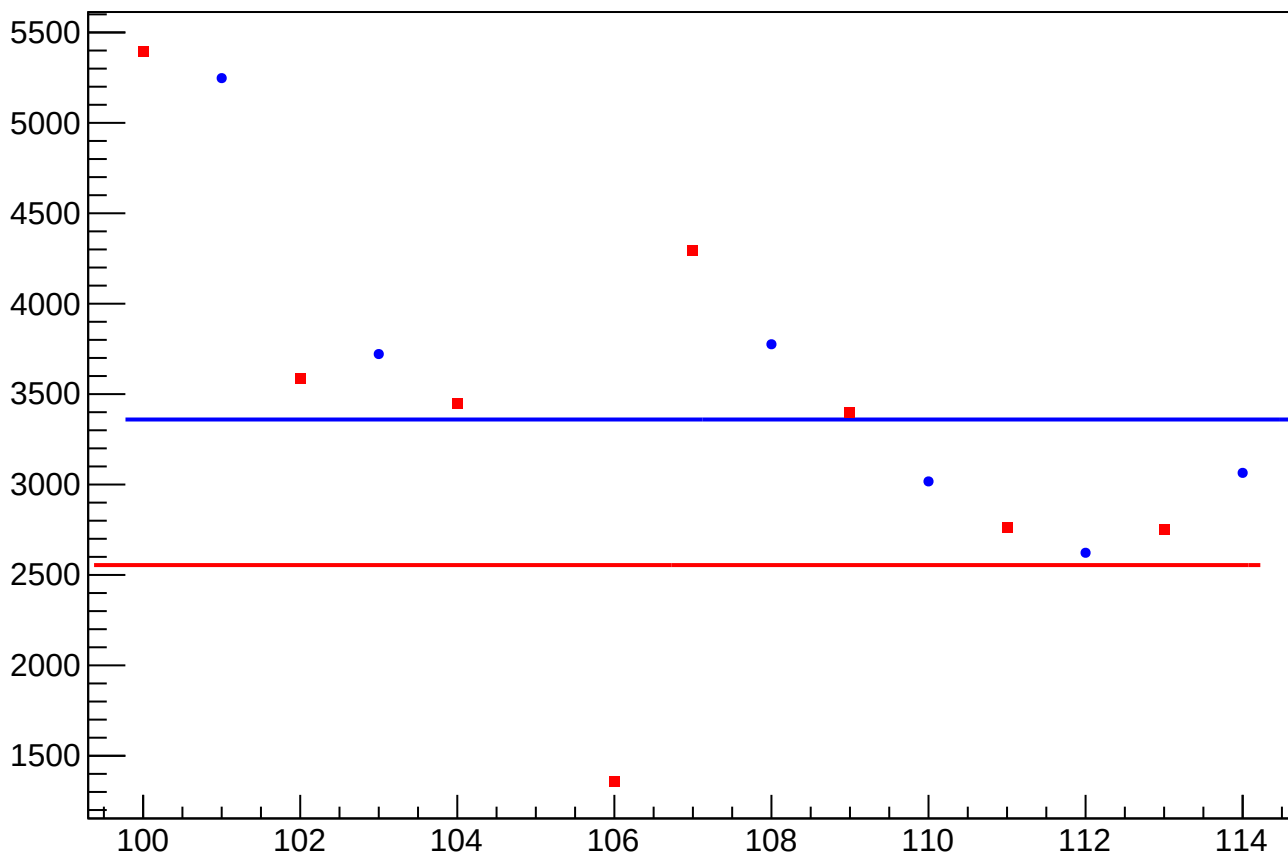
Right: -341.566+/-1238.988 χ^2/NDF : 16.1/13

In: -2945.859+/-2130.214 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.566+/-1238.988 χ^2/NDF : 16.1/13

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

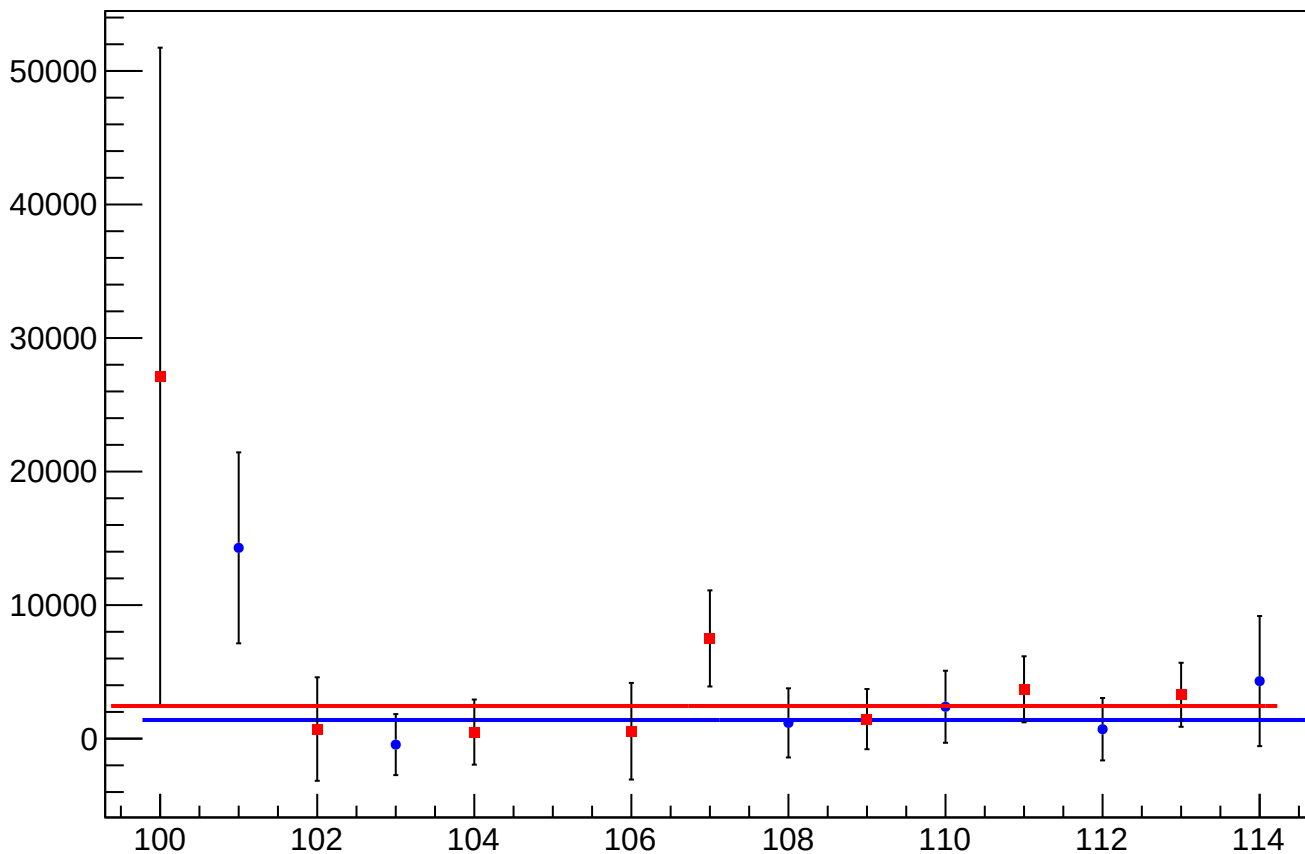
Right: 2826.901+/-0.876 χ^2/NDF : 1280079.6/13

In: 3359.599+/-1.506 χ^2/NDF : 277735.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2826.901+/-0.876 χ^2/NDF : 1280079.6/13

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1394.543+/-1175.991 χ^2/NDF : 4.5/5

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

Right Out: 2445.294+/-1040.113 χ^2/NDF : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

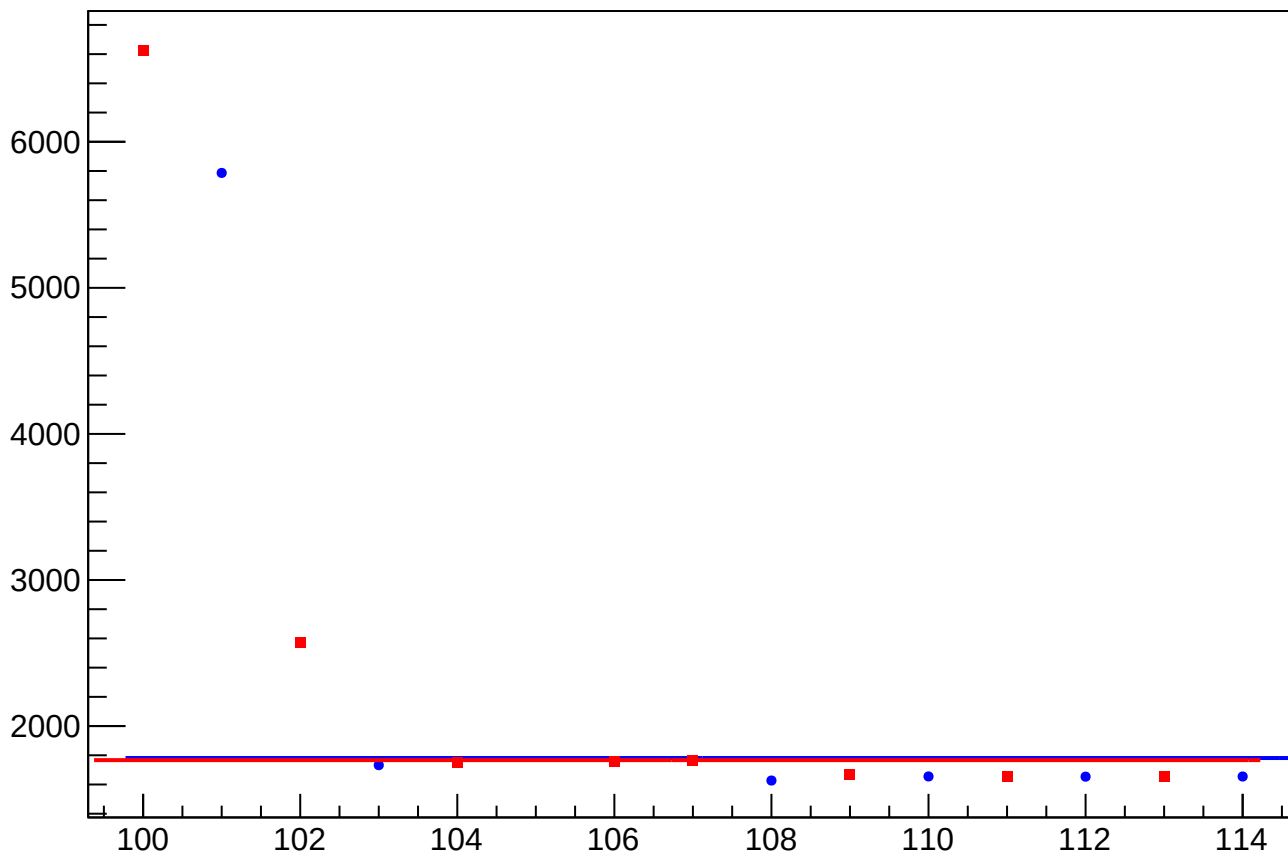
Right: 1984.103+/-779.102 χ^2/NDF : 9.6/13

In: 1394.543+/-1175.991 χ^2/NDF :4.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1984.103+/-779.102 χ^2/NDF : 9.6/13

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1781.204+/-0.832 χ^2/NDF : 647356.0/5

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

Right Out: 1766.763+/-0.731 χ^2/NDF : 177422.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

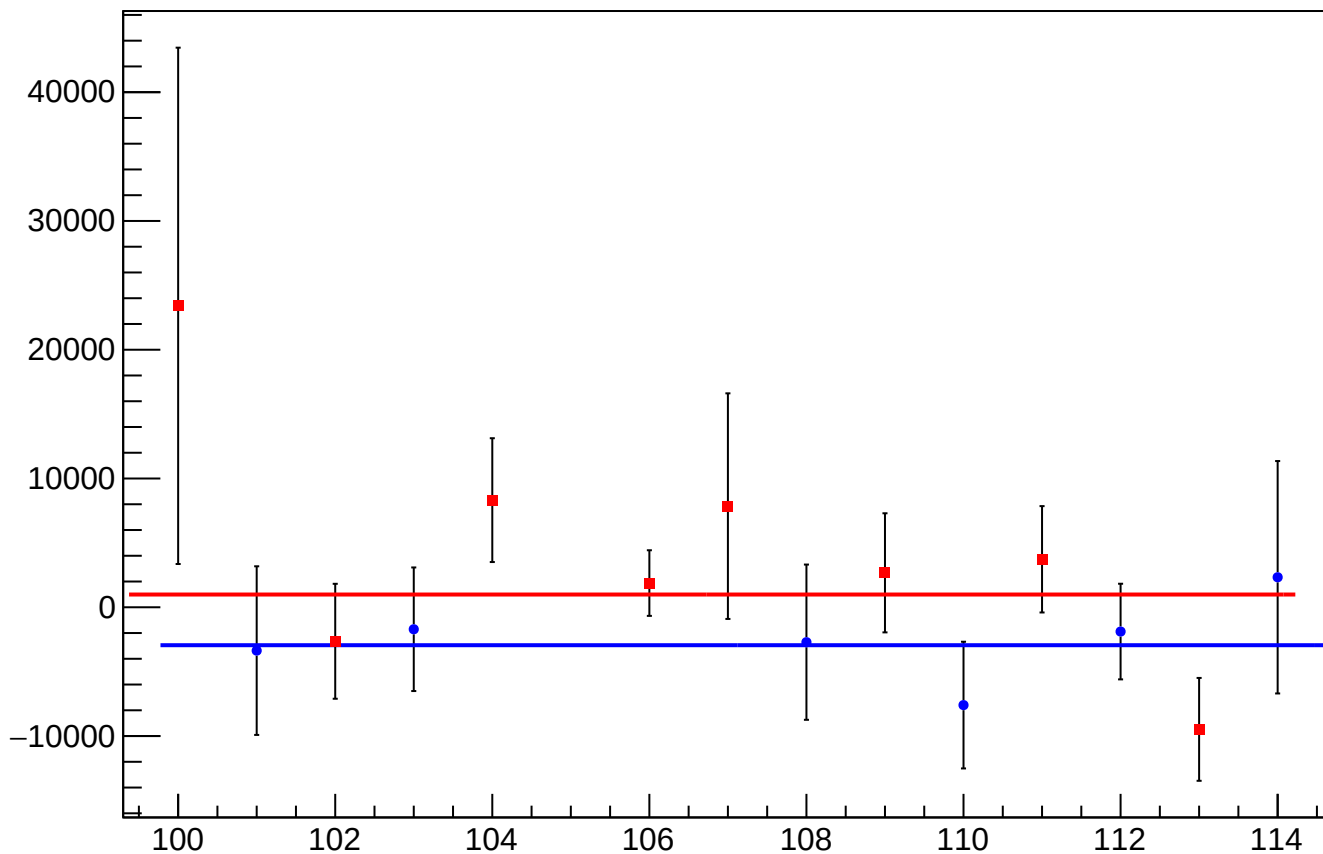
Right: 1773.054+/-0.549 χ^2/NDF : 824949.0/13

In: 1781.204+/-0.832 χ^2/NDF : 647356.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1773.054+/-0.549 χ^2/NDF : 824949.0/13

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

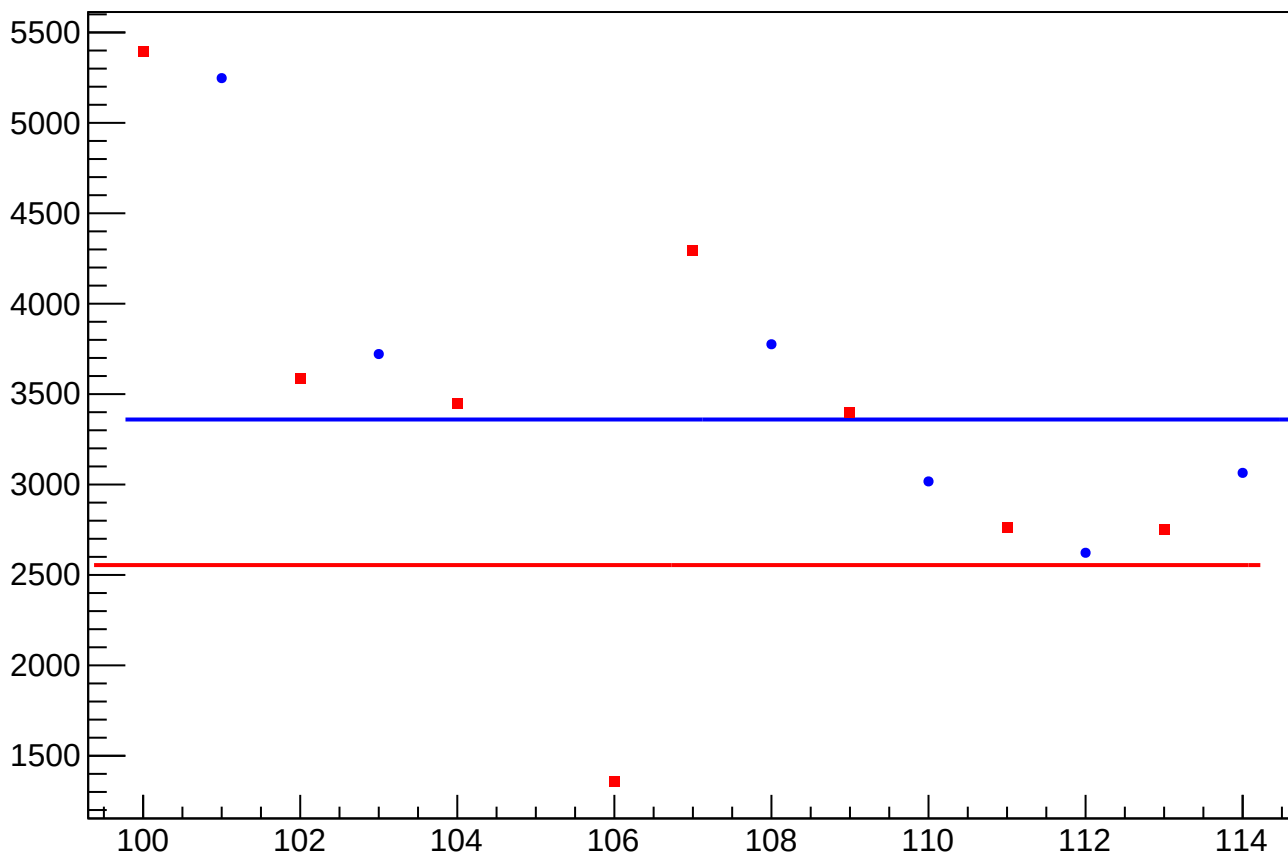
Right: -341.561+/-1238.983 χ^2/NDF : 16.1/13

In: -2945.850+/-2130.208 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.561+/-1238.983 χ^2/NDF : 16.1/13

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3359.590+/-1.506 χ^2/NDF : 277737.4/5

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

Right Out: 2554.554+/-1.077 χ^2/NDF : 813350.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

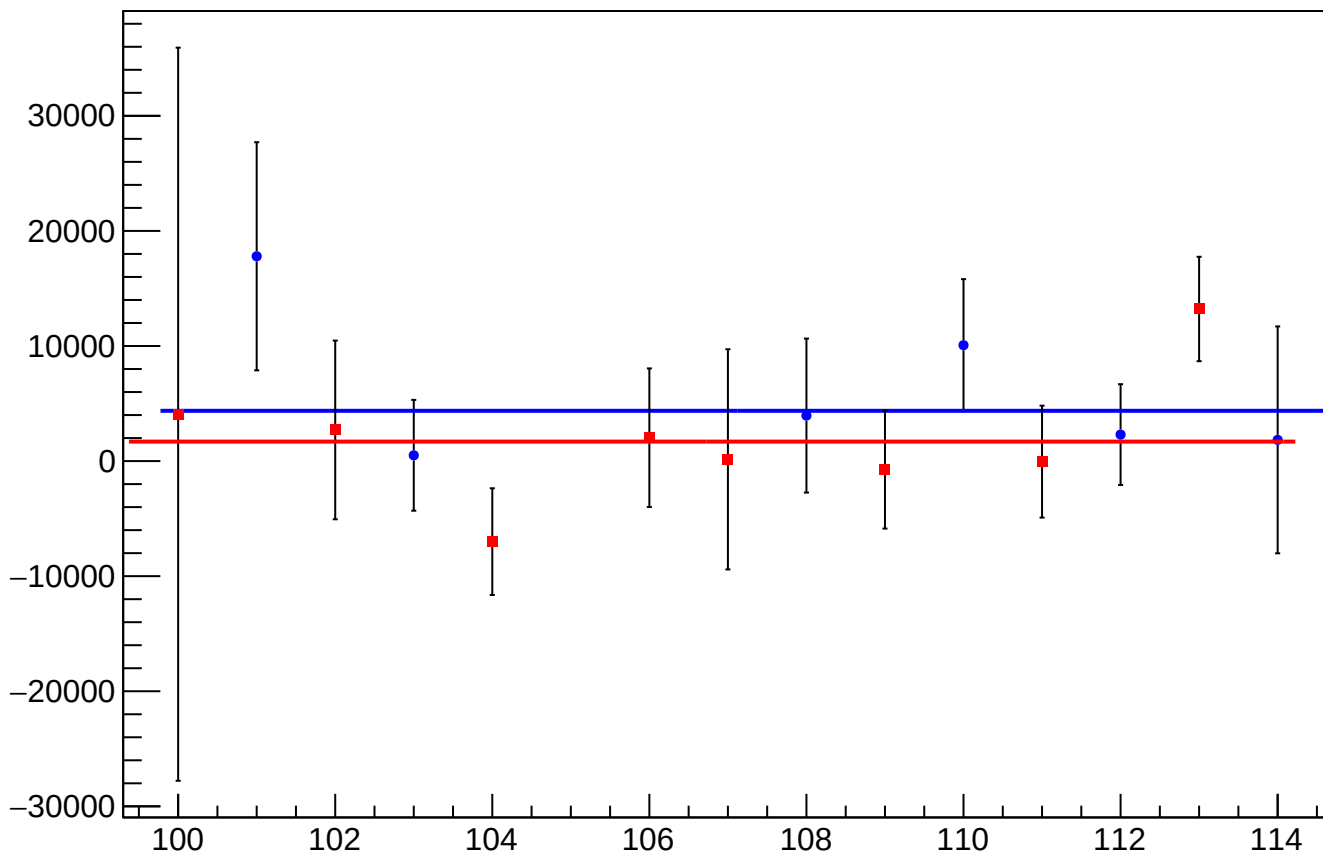
Right: 2826.888+/-0.876 χ^2/NDF : 1280097.8/13

In: 3359.590+/-1.506 χ^2/NDF : 277737.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2826.888+/-0.876 χ^2/NDF : 1280097.8/13

asym_atr1l2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

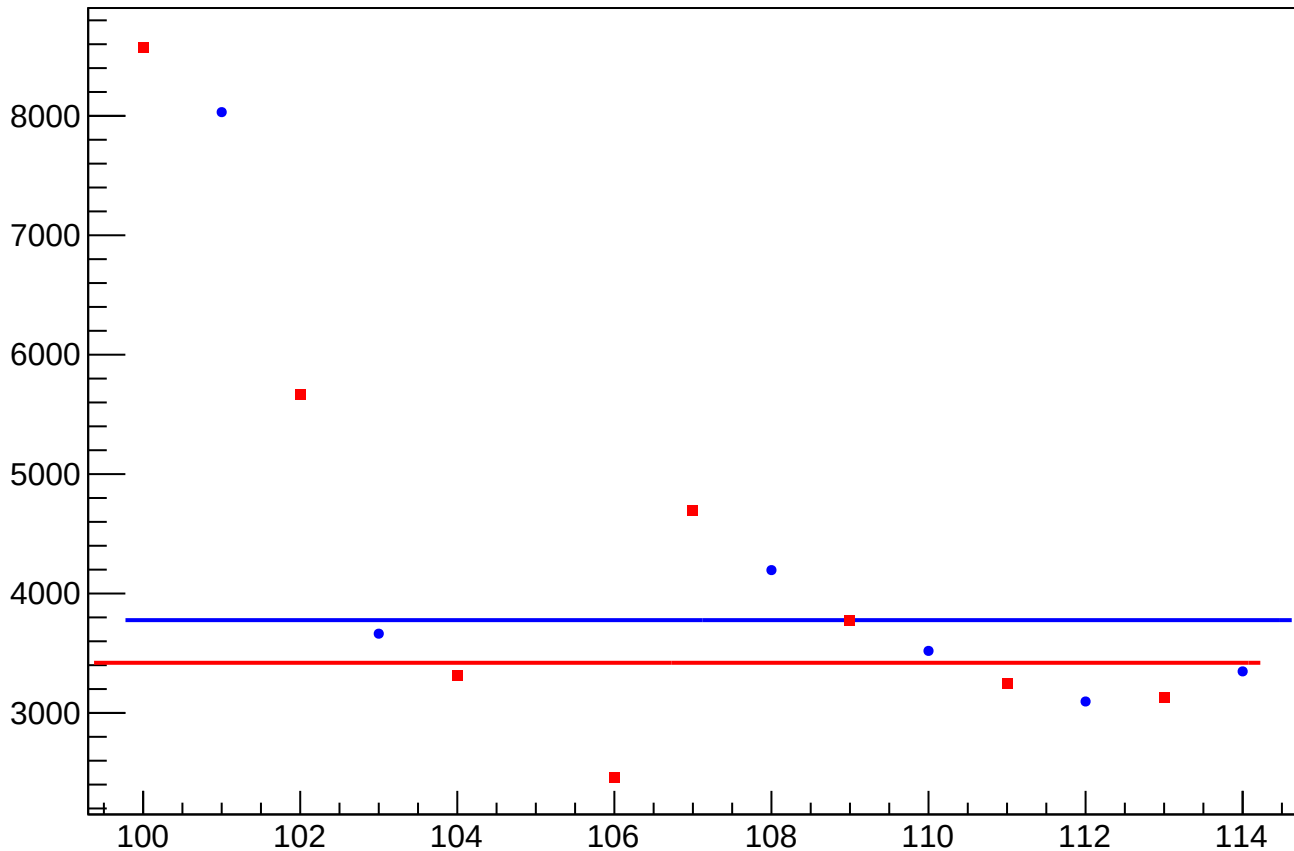
Right: 2819.567+/-1580.682 χ^2/NDF : 14.8/13

In: 4369.280+/-2436.281 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.567+/-1580.682 χ^2/NDF : 14.8/13

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3777.105+/-1.723 χ^2/NDF : 433583.2/5

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

Right Out: 3419.958+/-1.416 χ^2/NDF : 358980.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

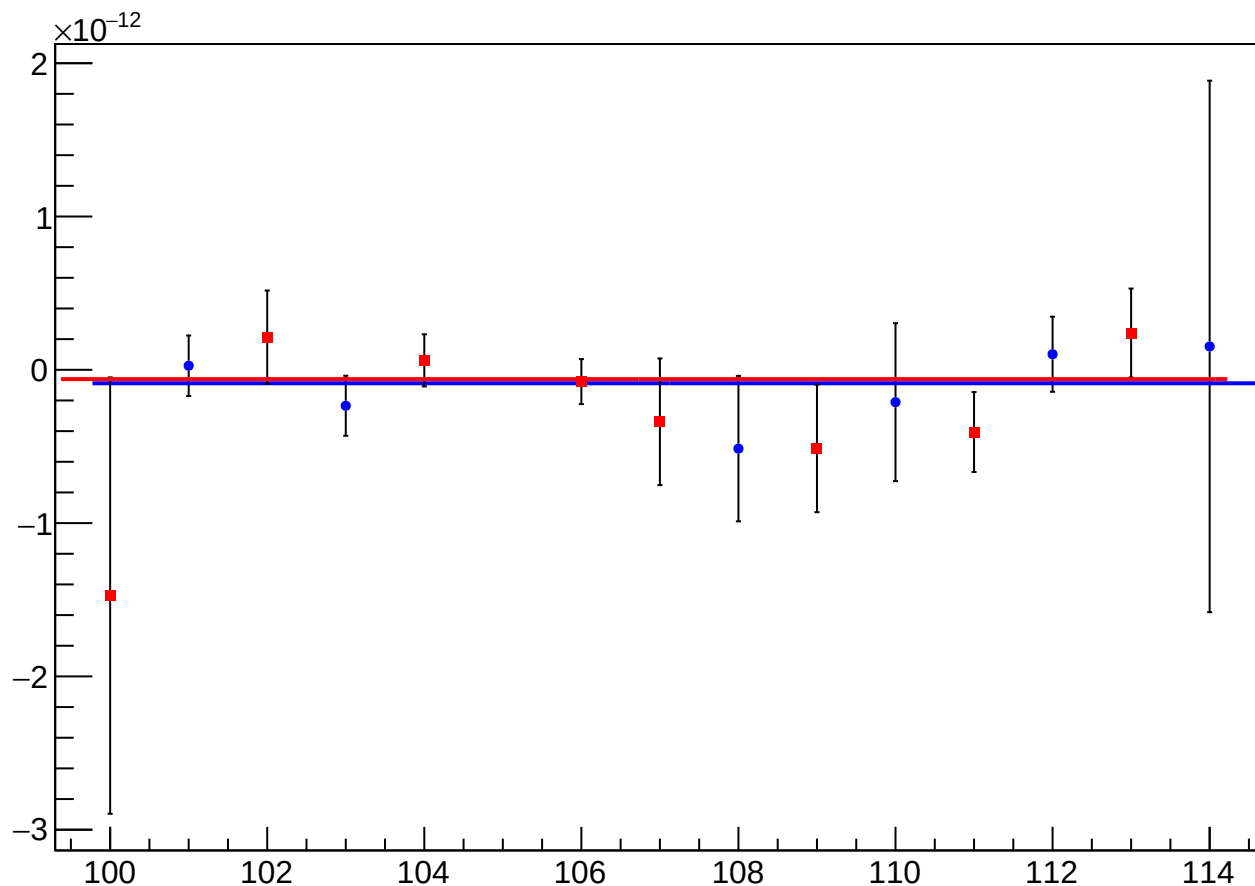
Right: 3564.007+/-1.094 χ^2/NDF : 818208.6/13

In: 3777.105+/-1.723 χ^2/NDF : 433583.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3564.007+/-1.094 χ^2/NDF : 818208.6/13

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

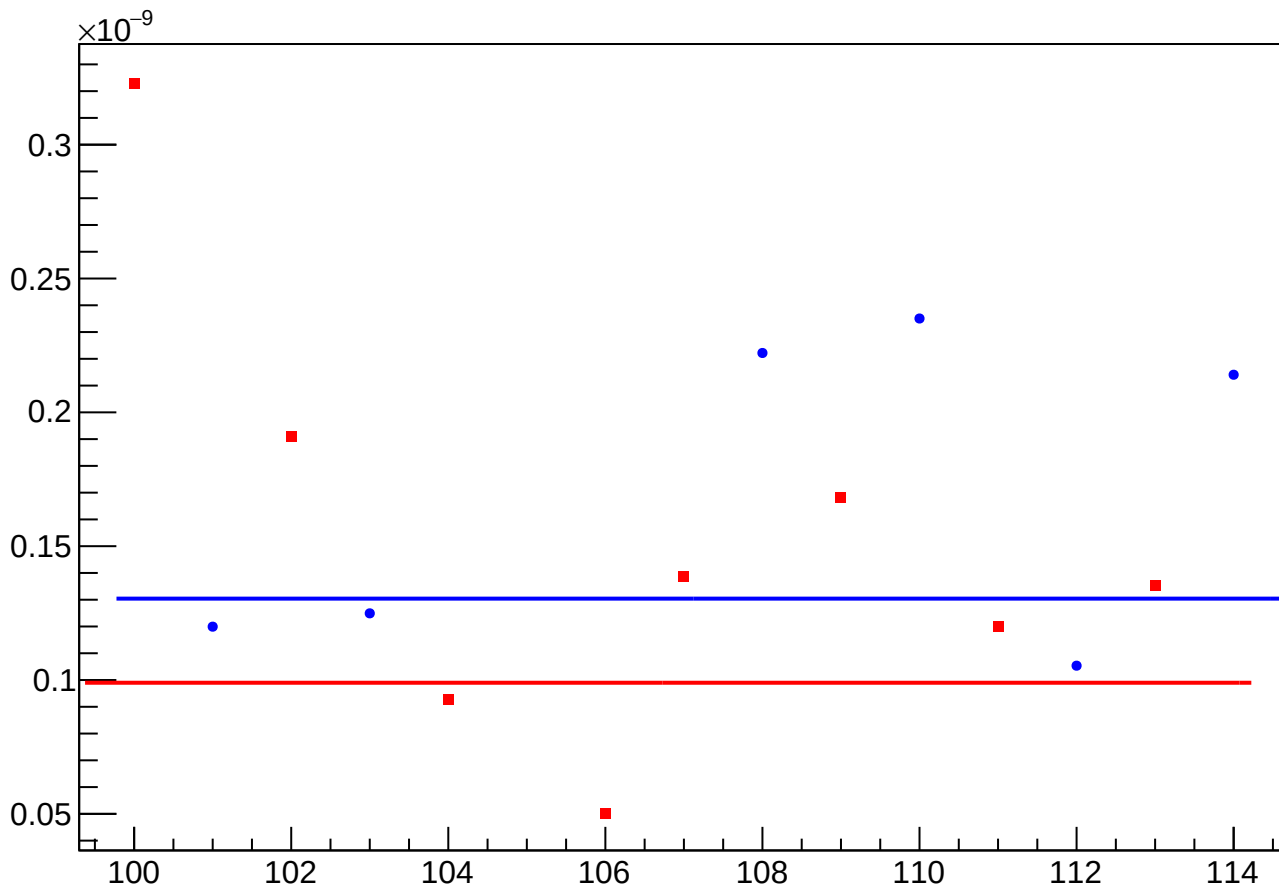
Right: -0.000+/-0.000 χ^2 /NDF: 9.2/13

In: -0.000+/-0.000 χ^2 /NDF:2.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.2/13

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

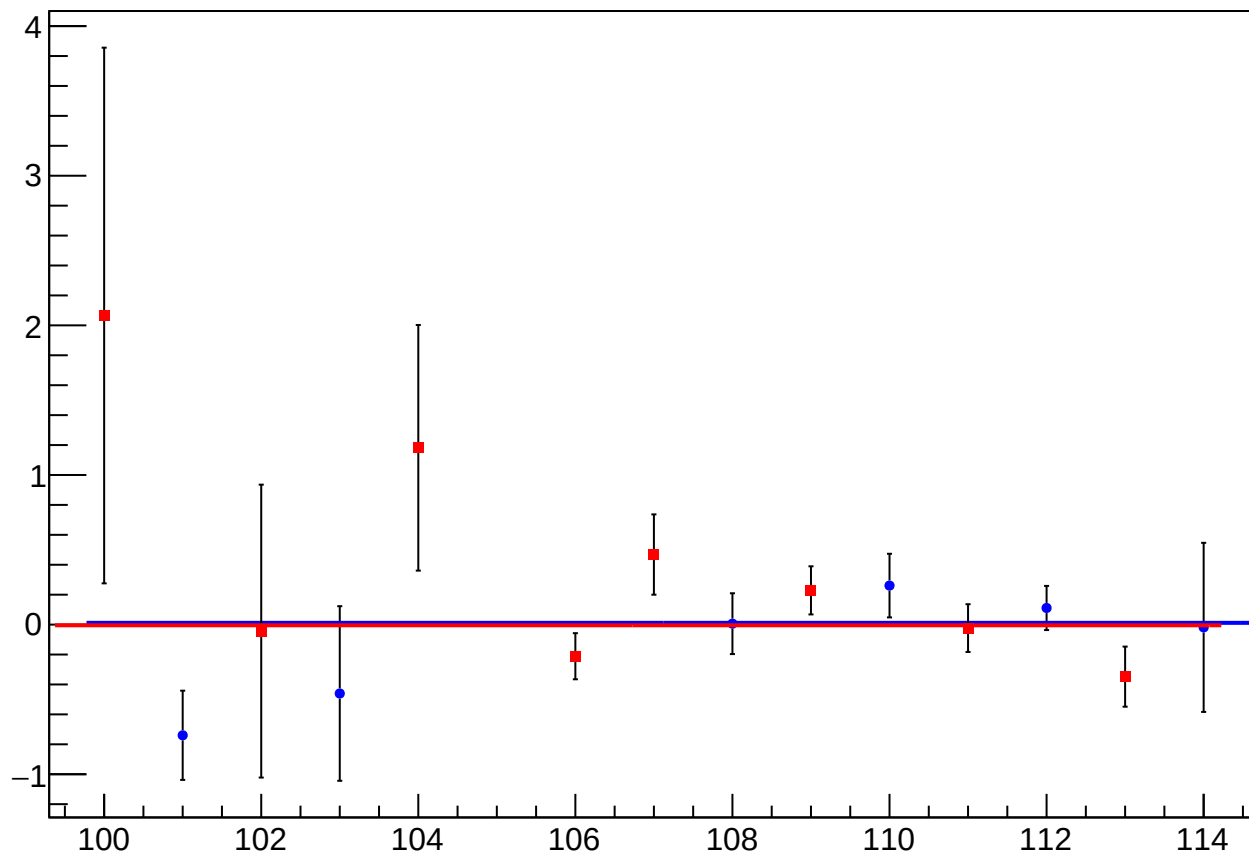
Right: 0.000+/-0.000 χ^2/NDF : 860023.7/13

In: 0.000+/-0.000 χ^2/NDF : 190095.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 860023.7/13

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

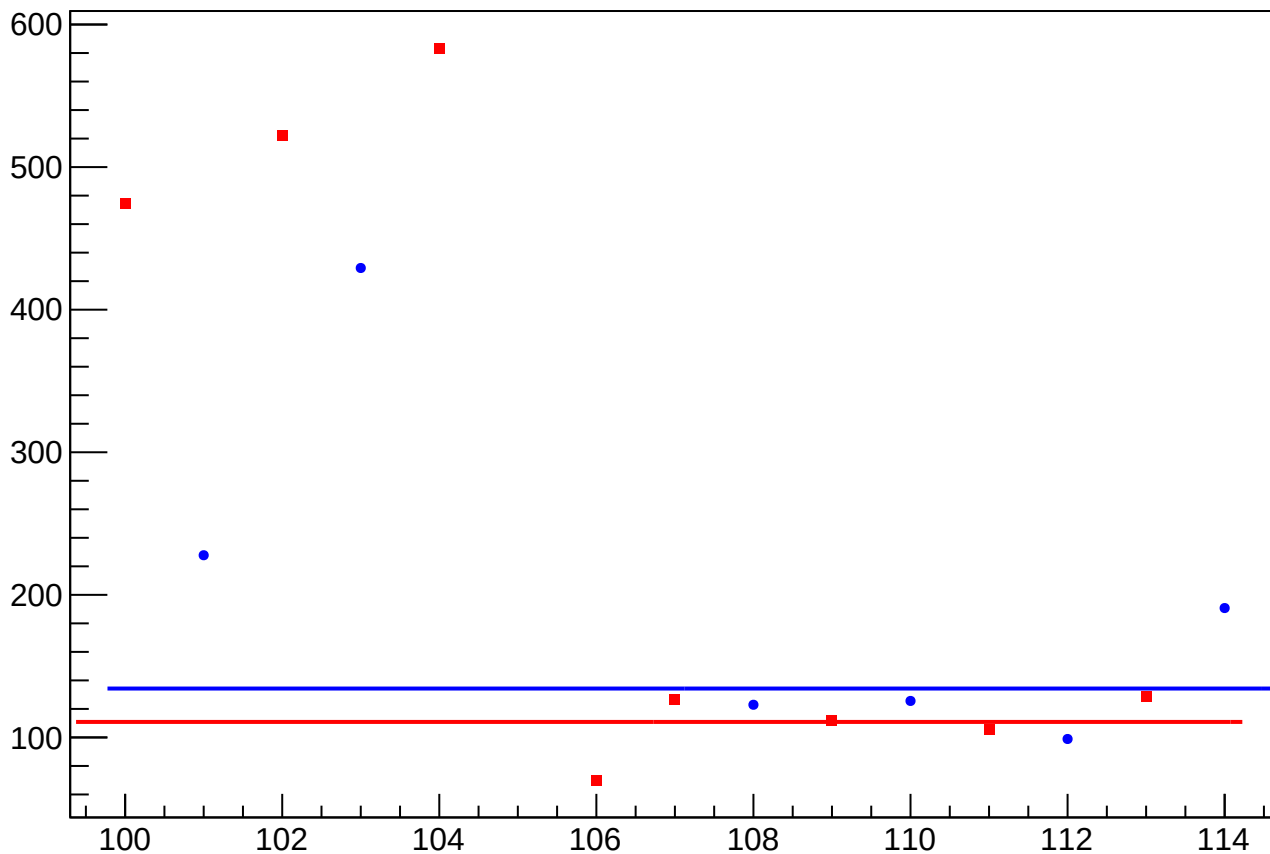
Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

In: 0.012 $\pm$ 0.095 χ^2 /NDF:8.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

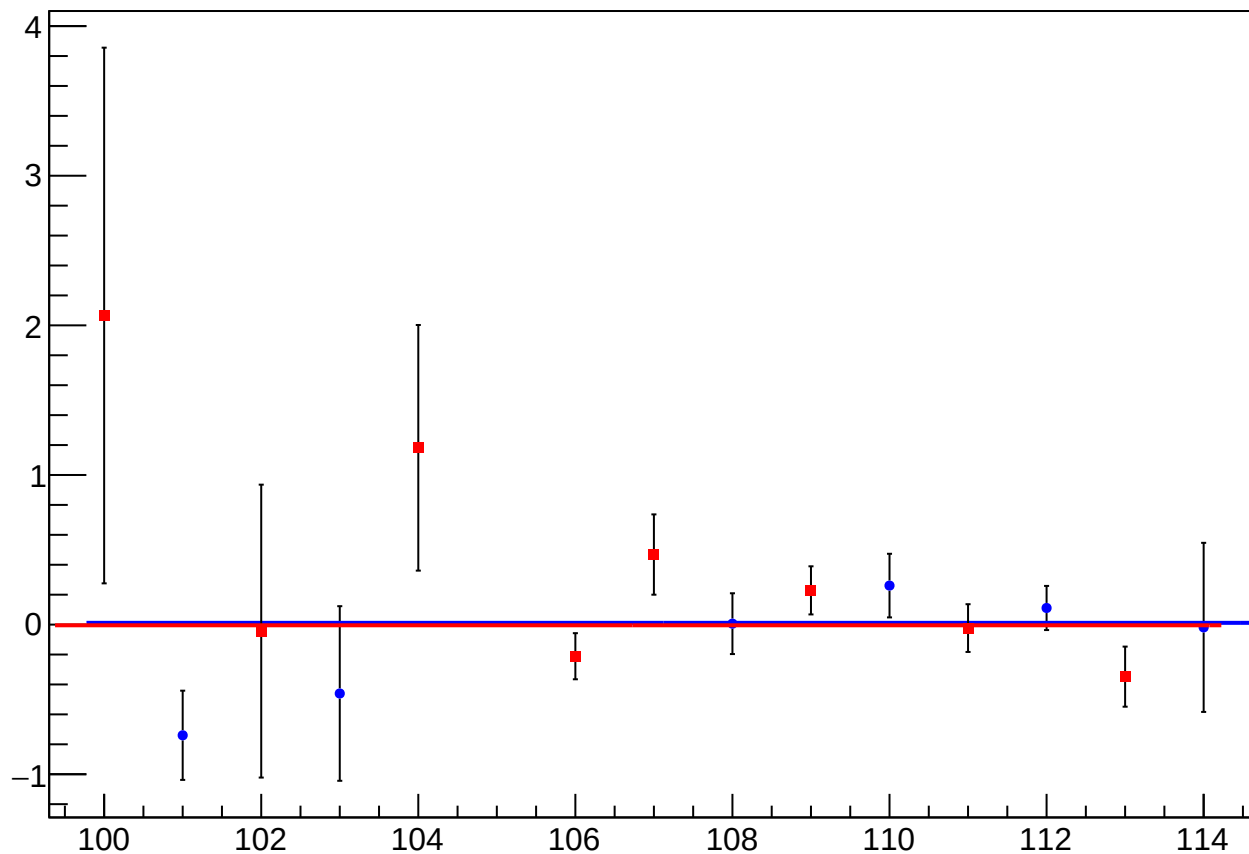
Right: 120.344+/-0.043 χ^2/NDF : 2189605.6/13

In: 134.293+/-0.068 χ^2/NDF : 852338.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.344+/-0.043 χ^2/NDF : 2189605.6/13

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

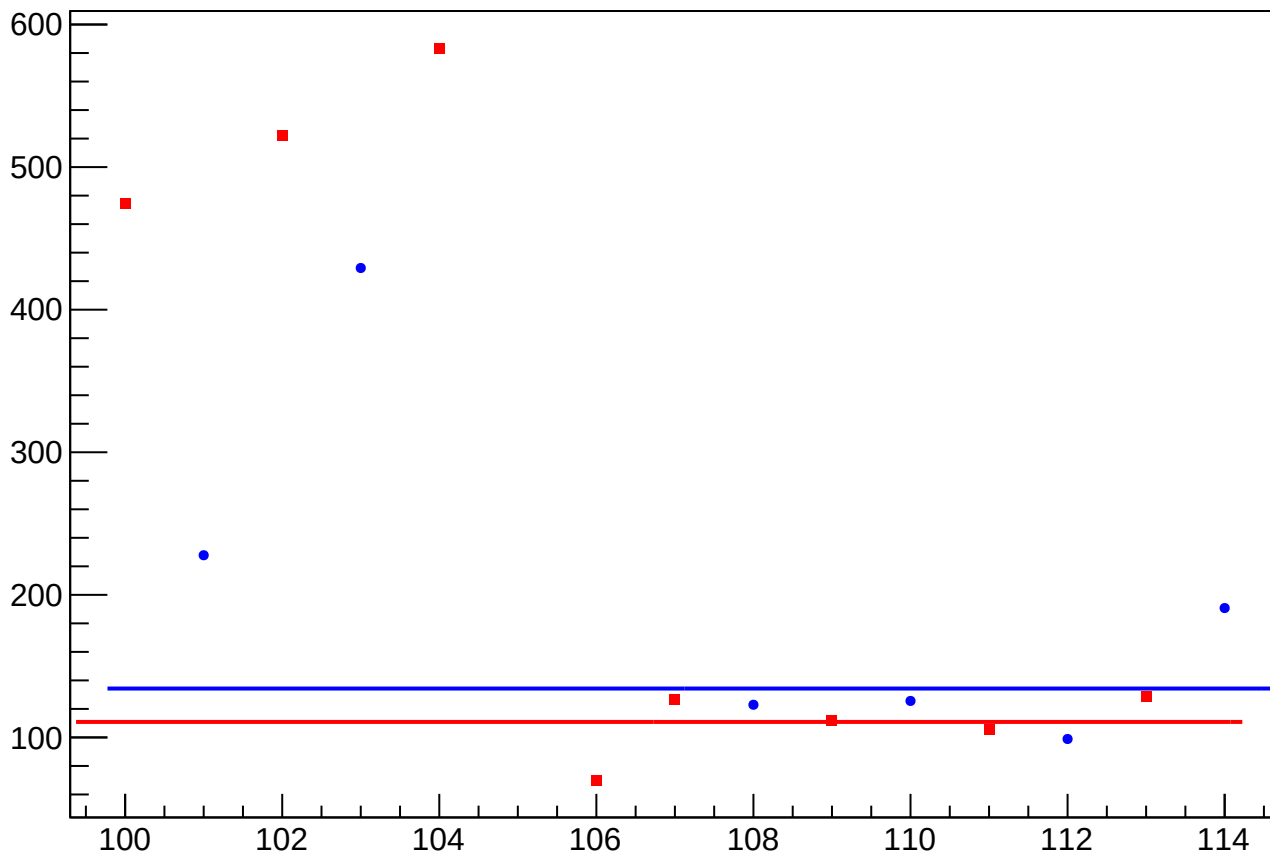
Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

In: 0.012 $\pm$ 0.095 χ^2 /NDF:8.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

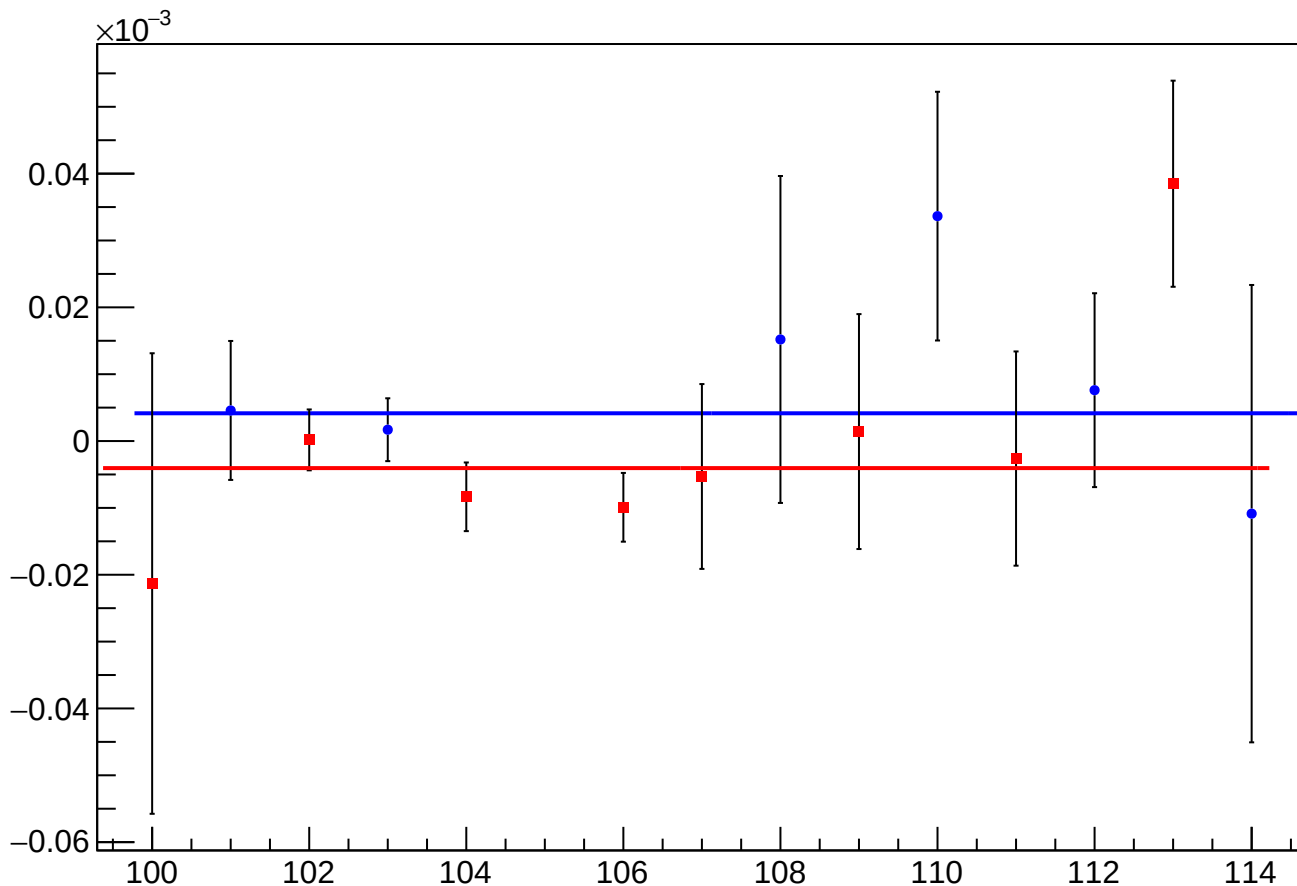
Right: 120.344+/-0.043 χ^2/NDF : 2189605.6/13

In: 134.293+/-0.068 χ^2/NDF : 852338.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.344+/-0.043 χ^2/NDF : 2189605.6/13

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

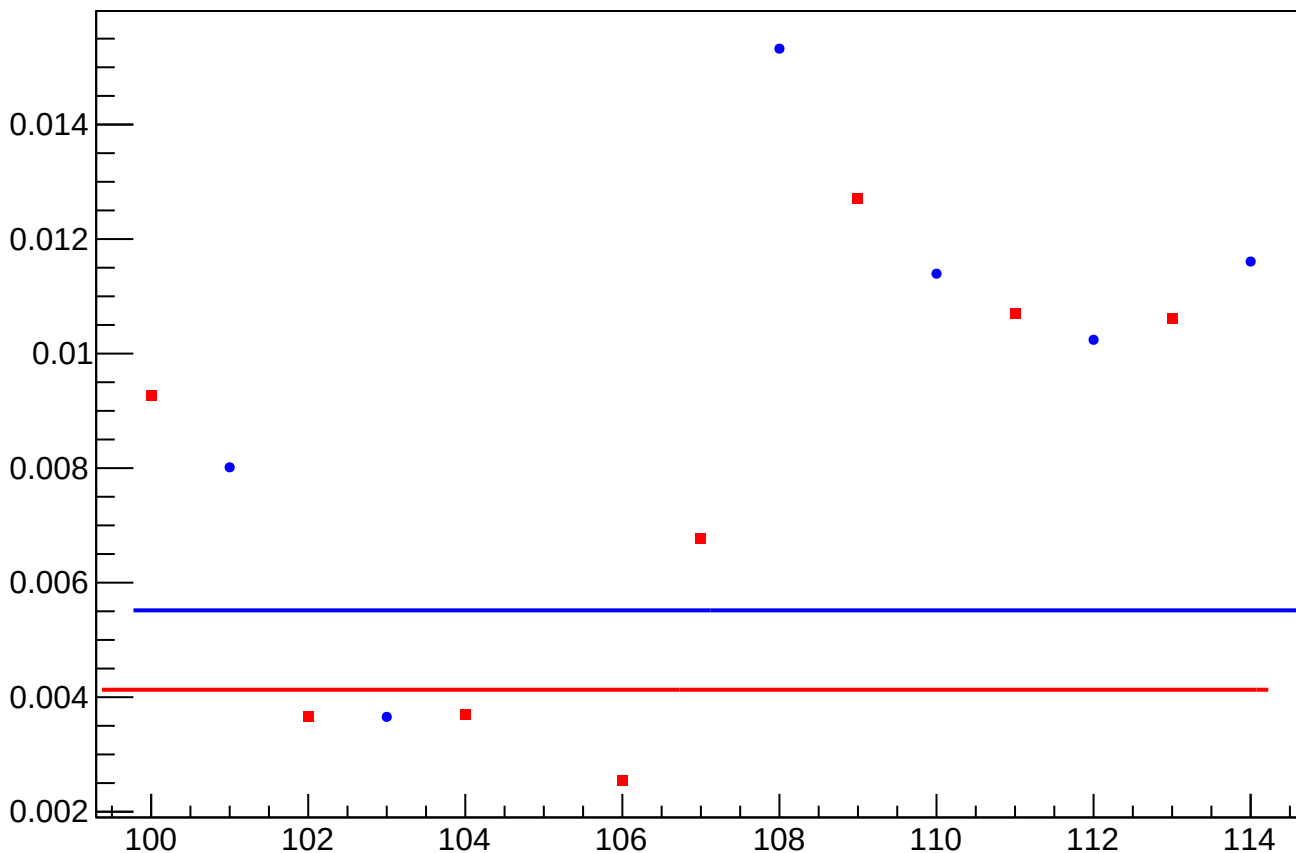
Right: -0.000+/-0.000 χ^2/NDF : 17.1/13

In: 0.000+/-0.000 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.1/13

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

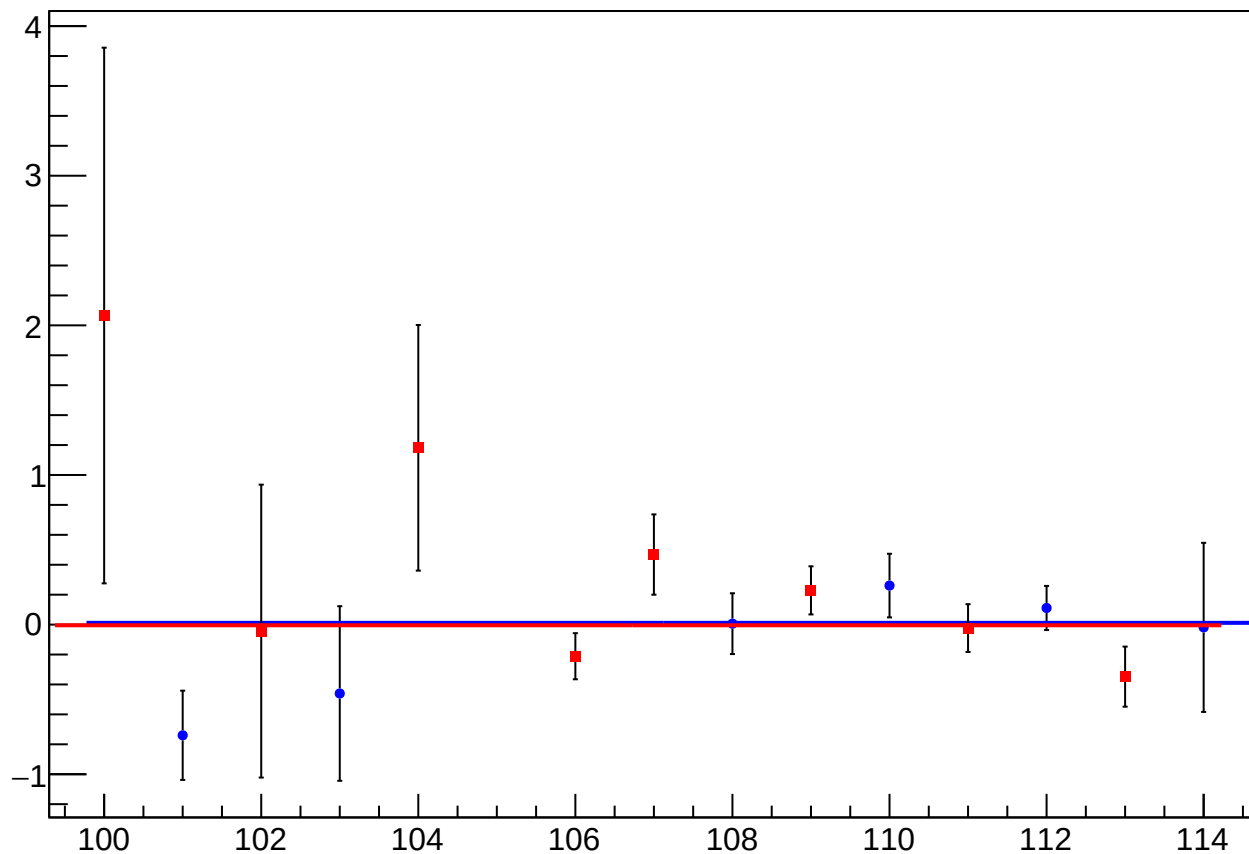
Right: 0.005+/-0.000 χ^2/NDF : 2907156.4/13

In: 0.006+/-0.000 χ^2/NDF : 1225962.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2907156.4/13

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

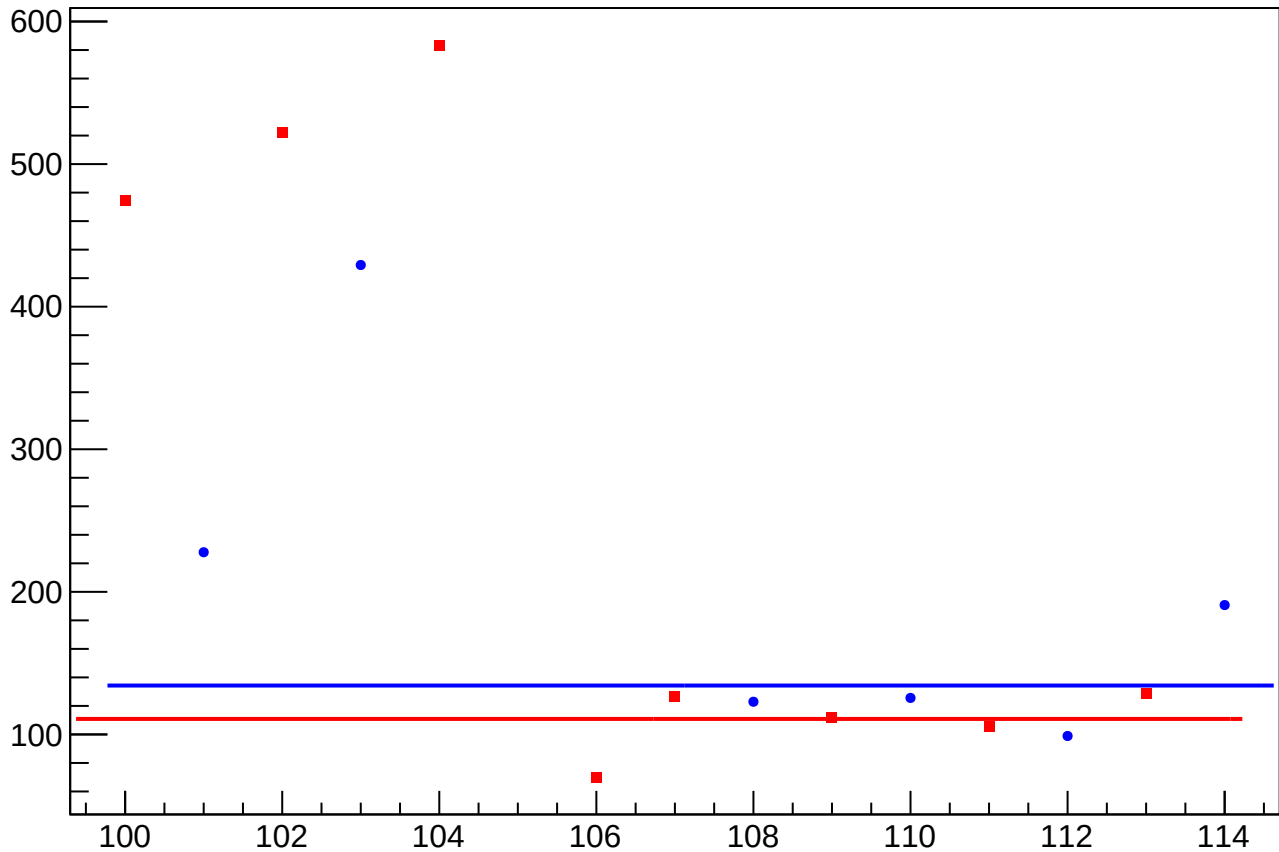
Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

In: 0.012 $\pm$ 0.095 χ^2 /NDF:8.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

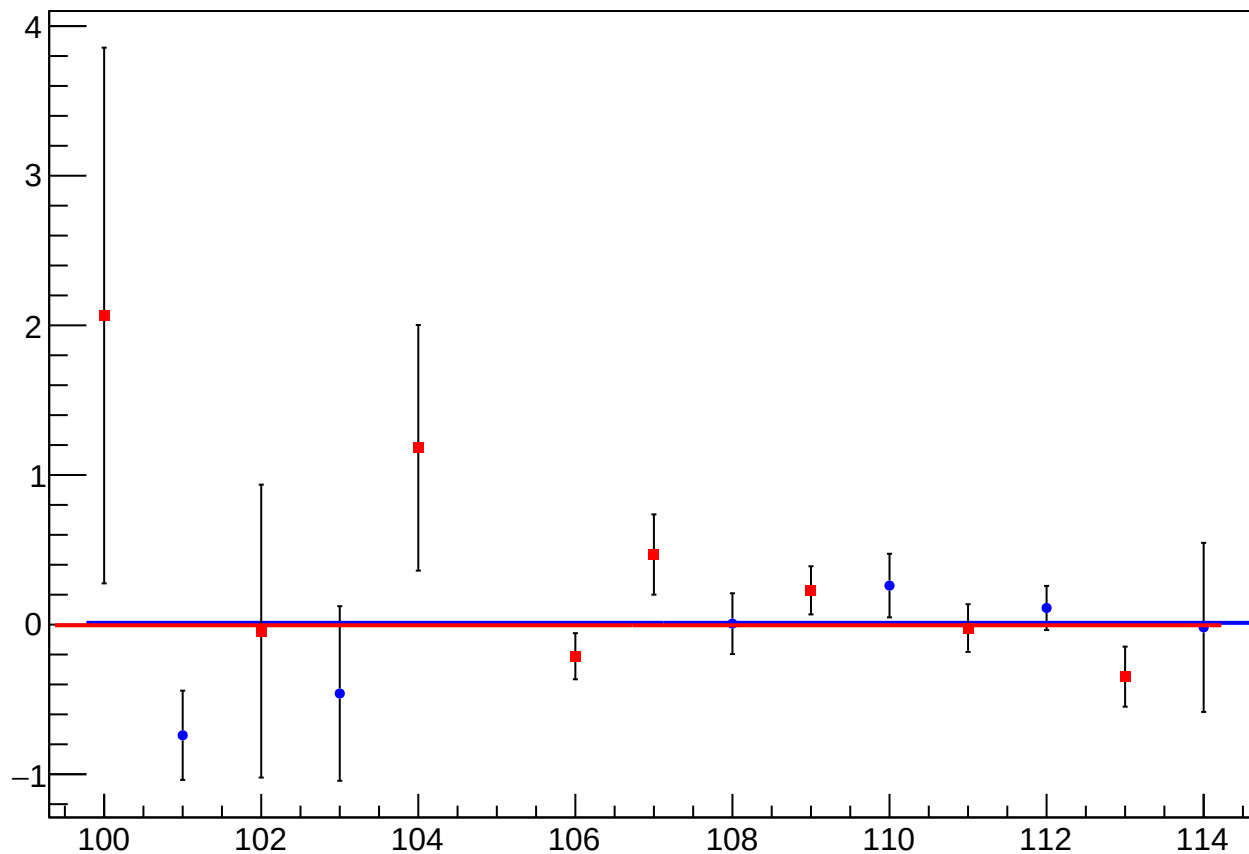
Right: 120.347+/-0.043 χ^2/NDF : 2189543.5/13

In: 134.299+/-0.068 χ^2/NDF :852273.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 120.347+/-0.043 χ^2/NDF : 2189543.5/13

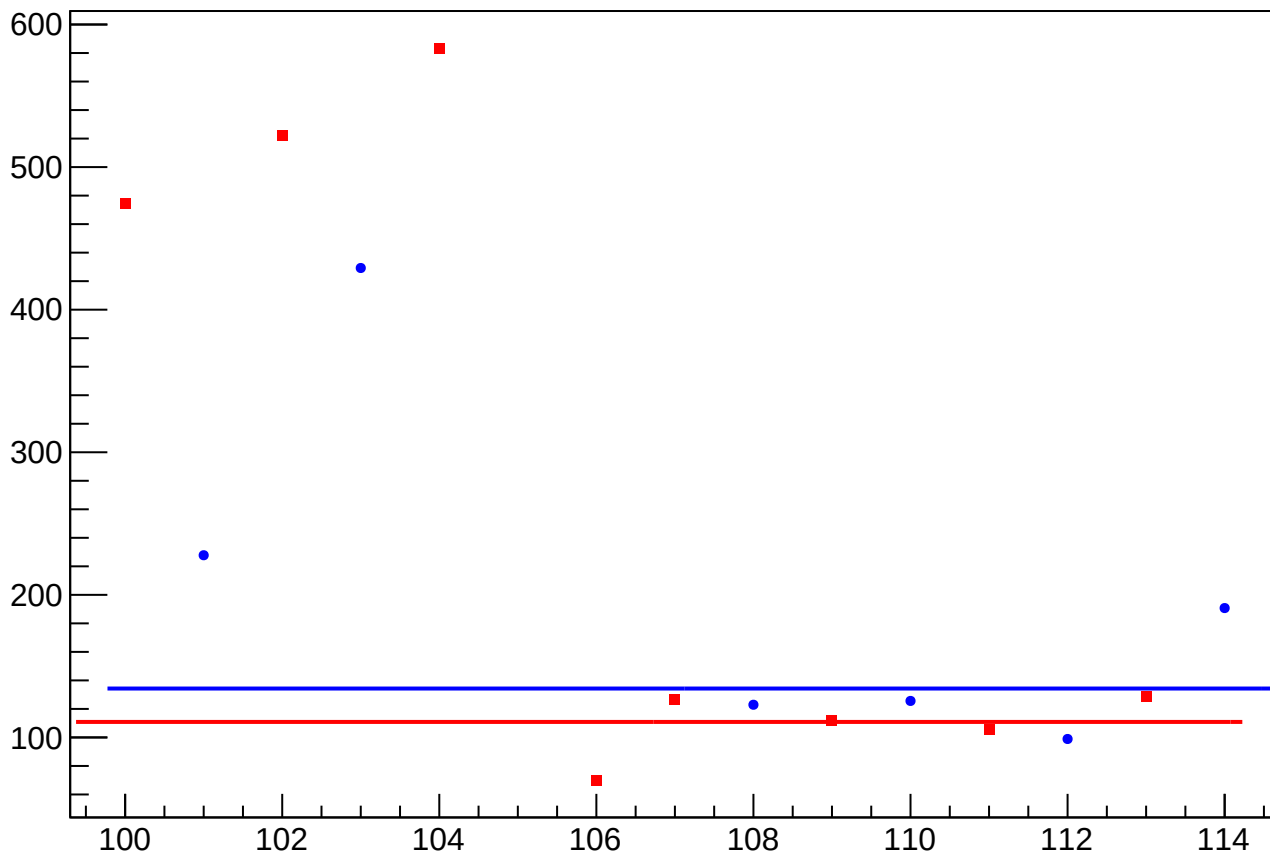
asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13
 In: 0.012 $\pm$ 0.095 χ^2 /NDF:8.8/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/13

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

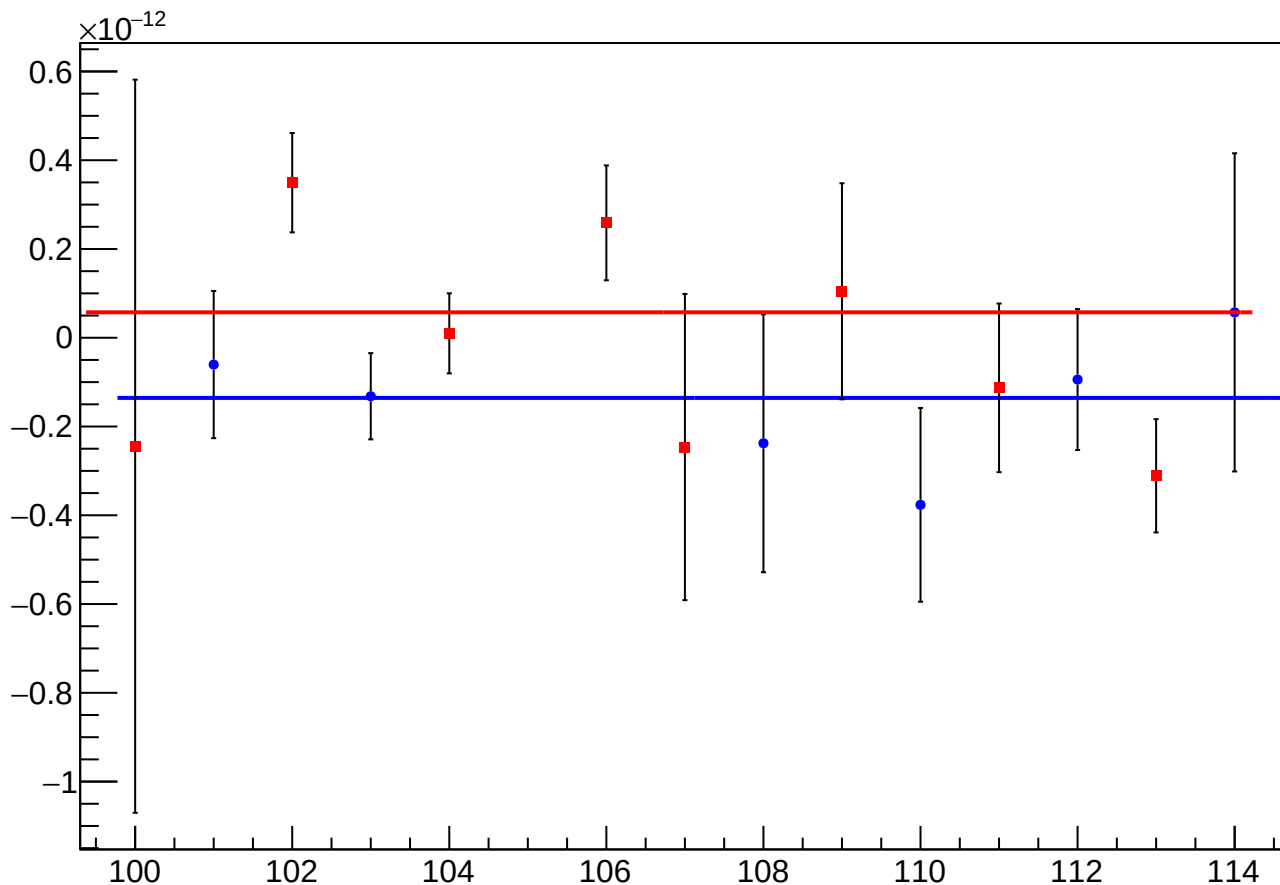
Right: 120.347+/-0.043 χ^2/NDF : 2189543.5/13

In: 134.299+/-0.068 χ^2/NDF : 852273.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.347+/-0.043 χ^2/NDF : 2189543.5/13

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

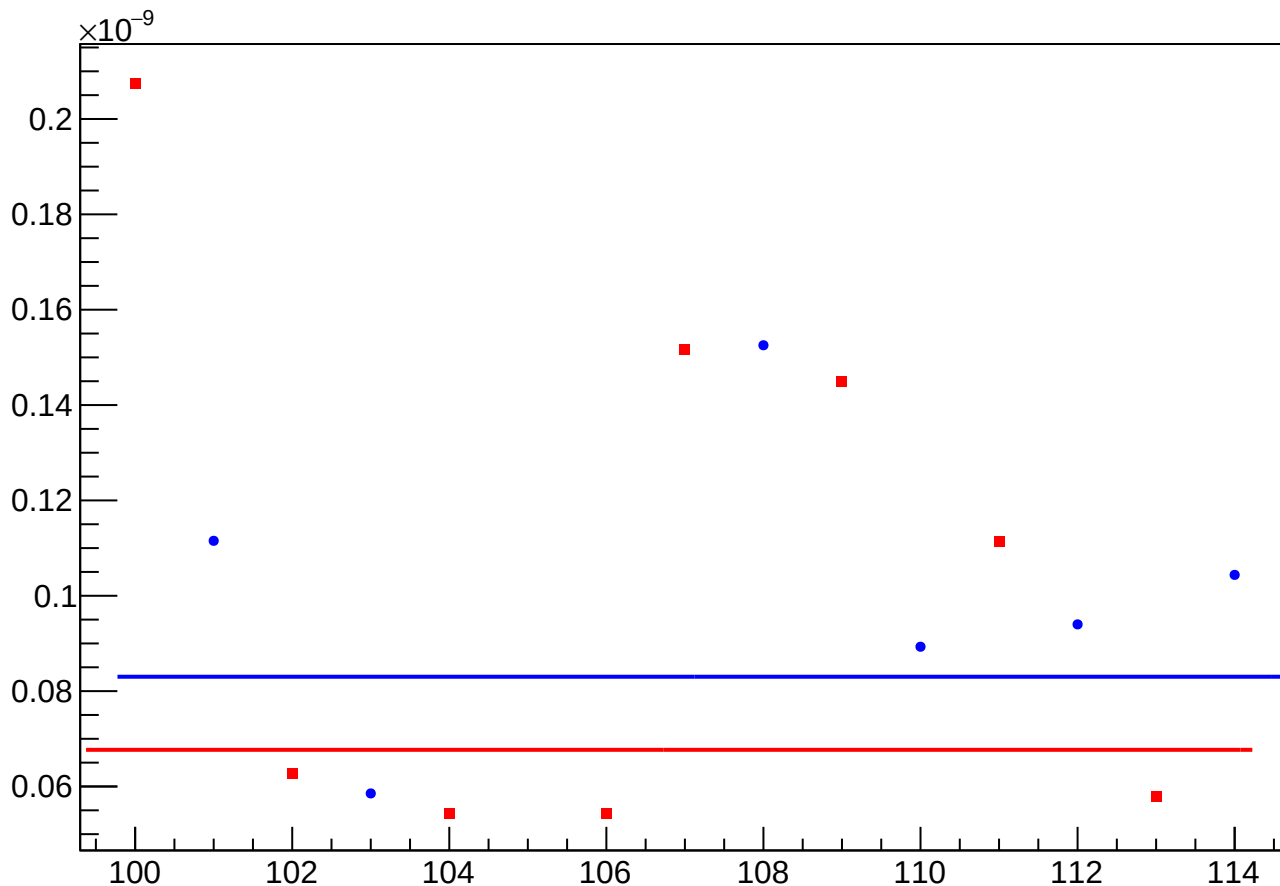
Right: -0.000+/-0.000 χ^2/NDF : 26.7/13

In: -0.000+/-0.000 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.7/13

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

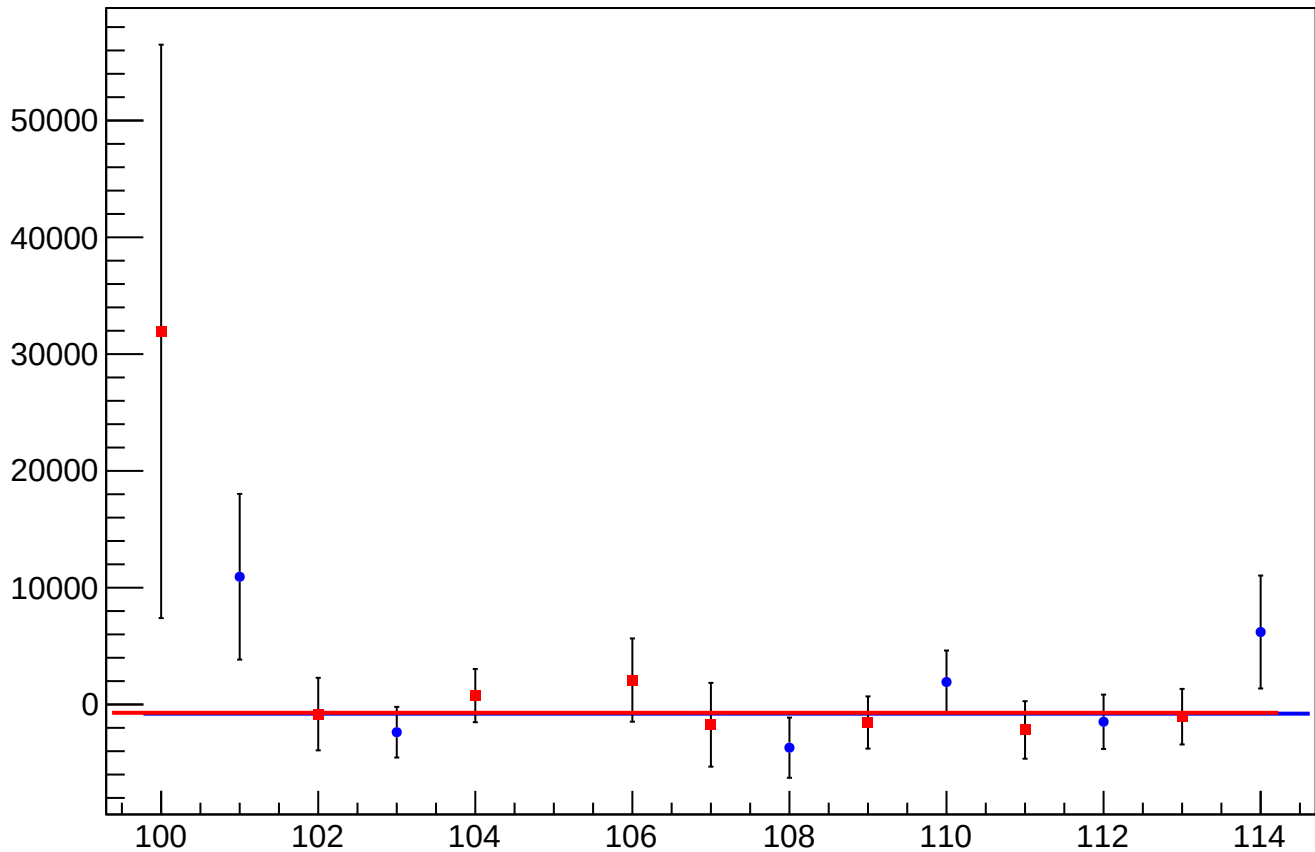
Right: 0.000+/-0.000 χ^2/NDF : 948323.6/13

In: 0.000+/-0.000 χ^2/NDF : 318907.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 948323.6/13

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

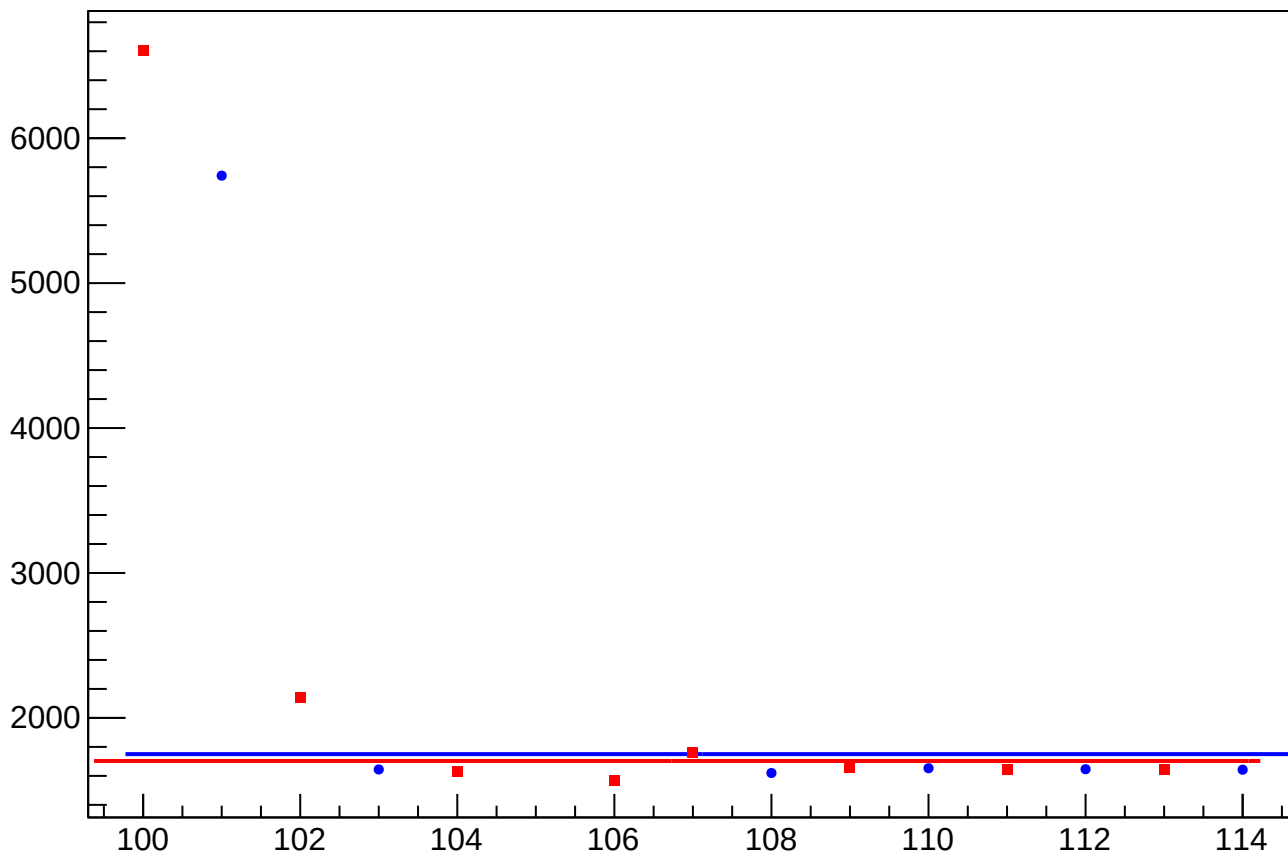
Right: -743.284+/-757.136 χ^2/NDF : 11.1/13

In: -785.253+/-1155.901 χ^2/NDF : 7.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.284+/-757.136 χ^2/NDF : 11.1/13

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

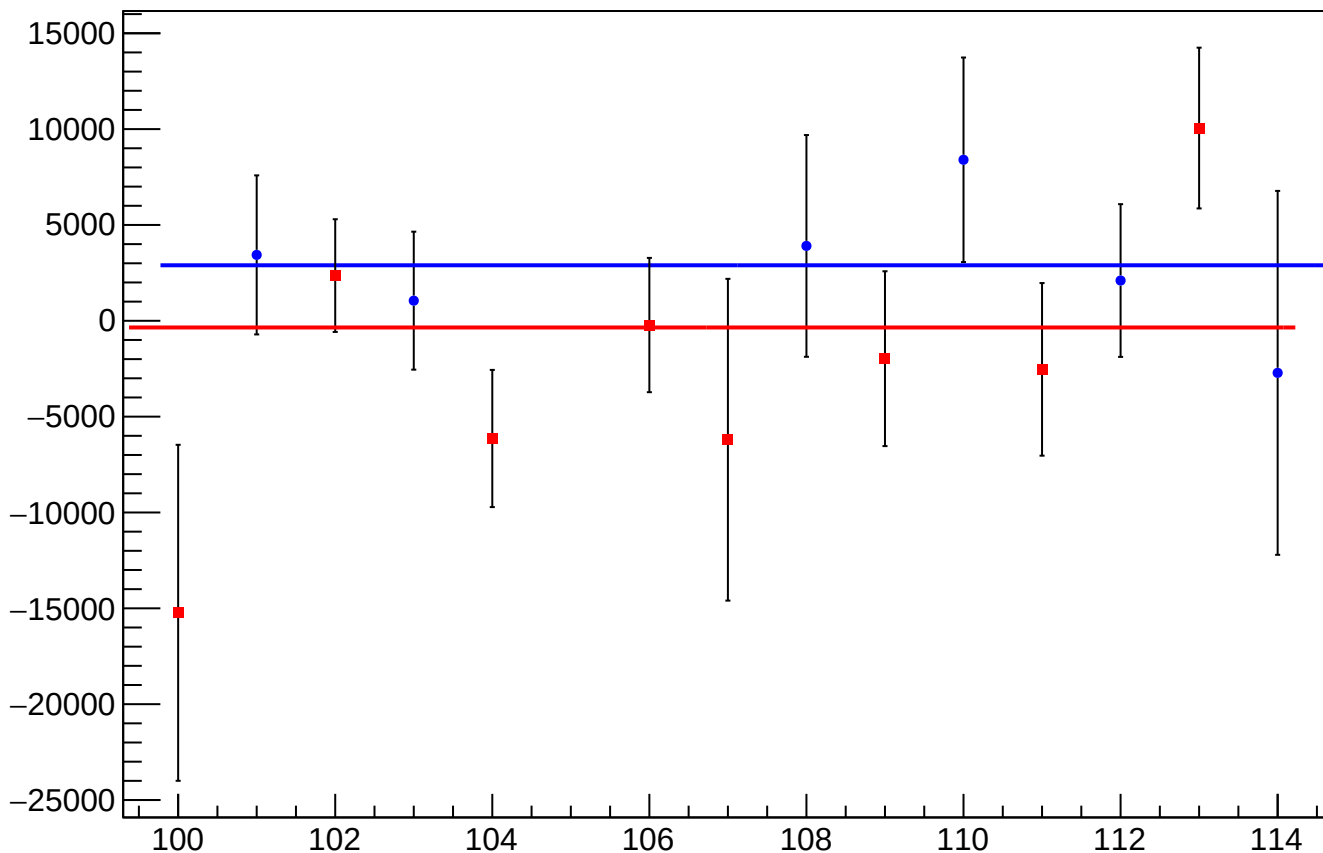
Right: 1722.726+/-0.530 χ^2/NDF : 782652.7/13

In: 1750.174+/-0.817 χ^2/NDF : 650818.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.726+/-0.530 χ^2/NDF : 782652.7/13

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2896.228+/-1908.902 χ^2/NDF : 1.8/5

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

Right Out: -348.602+/-1479.637 χ^2/NDF : 13.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

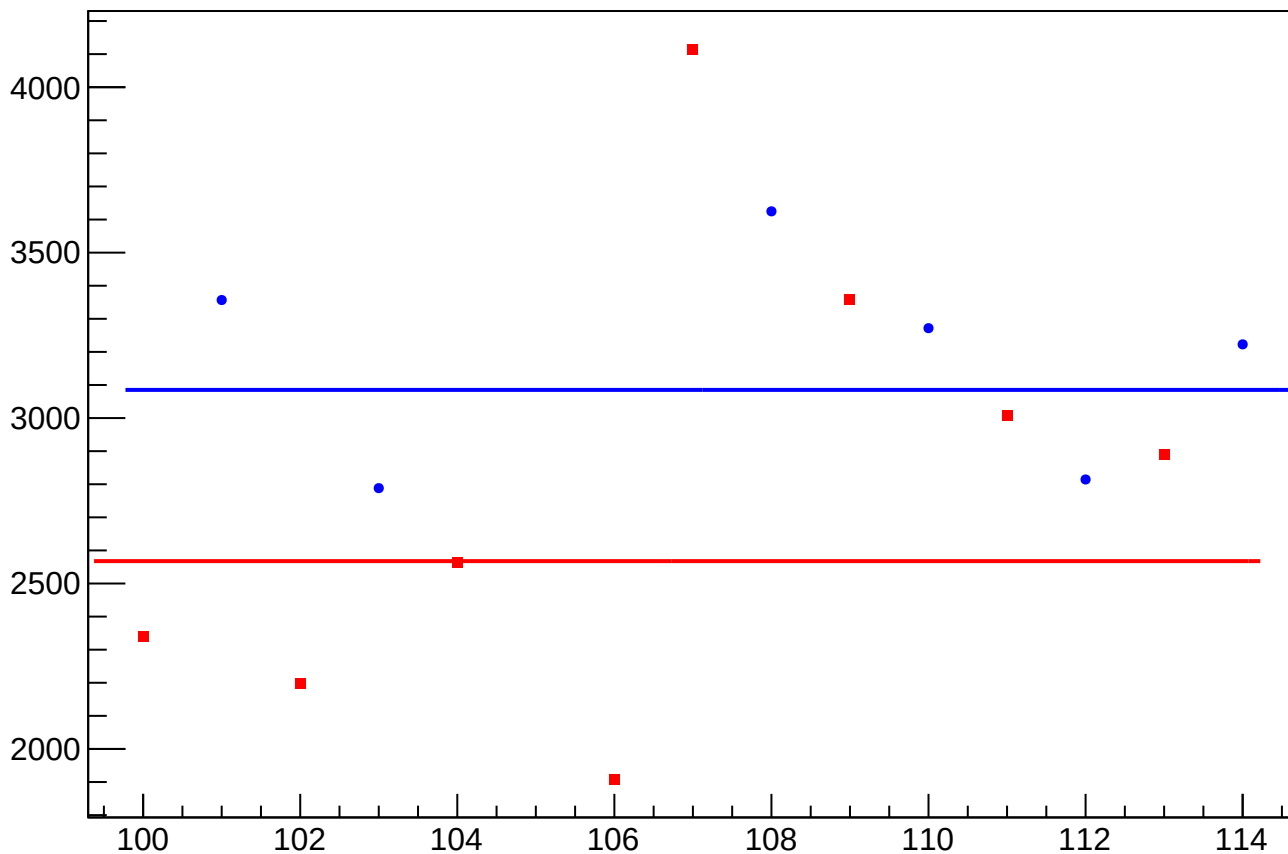
Right: 869.246+/-1169.457 χ^2/NDF : 16.9/13

In: 2896.228+/-1908.902 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.246+/-1169.457 χ^2/NDF : 16.9/13

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

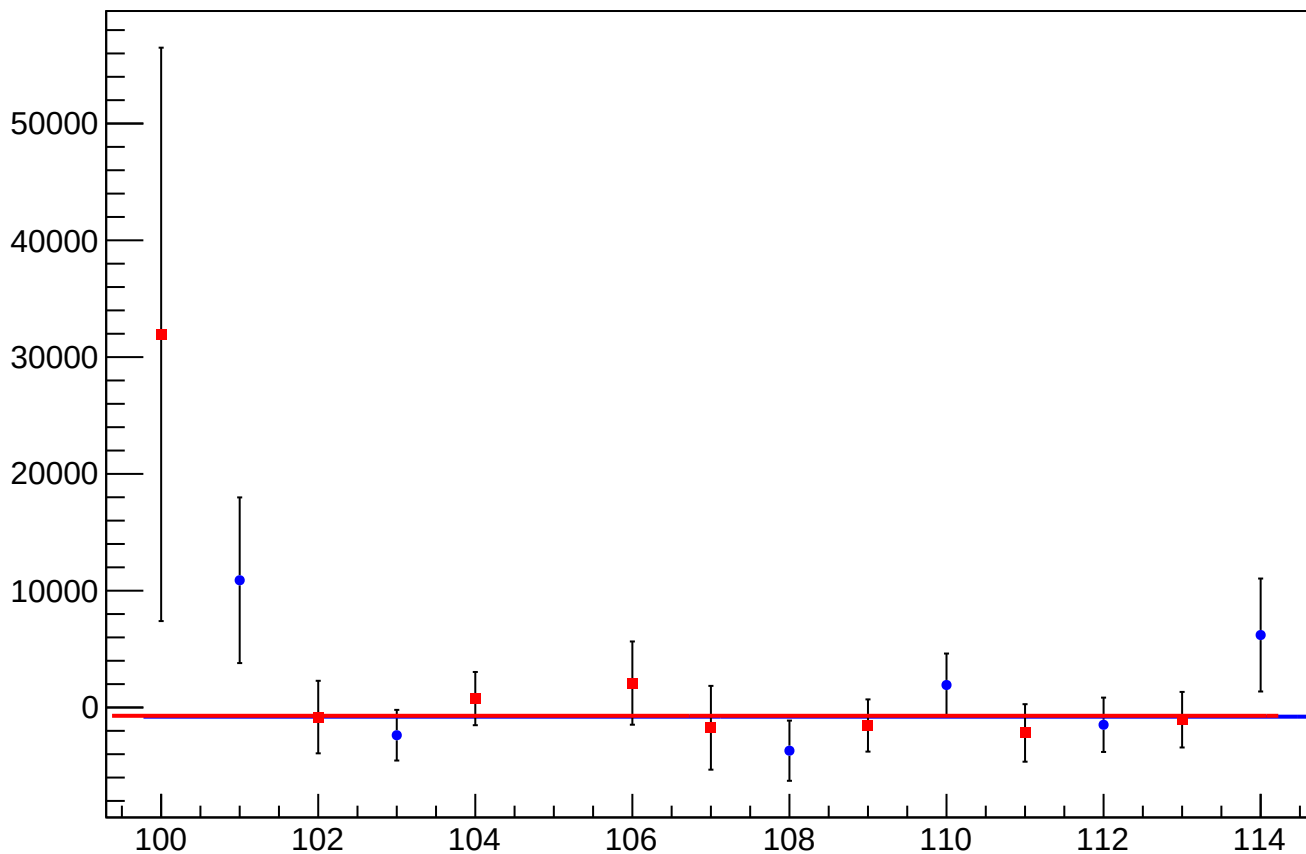
Right: 2761.886+/-0.827 χ^2/NDF : 406882.9/13

In: 3085.168+/-1.350 χ^2/NDF : 51695.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2761.886+/-0.827 χ^2/NDF : 406882.9/13

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

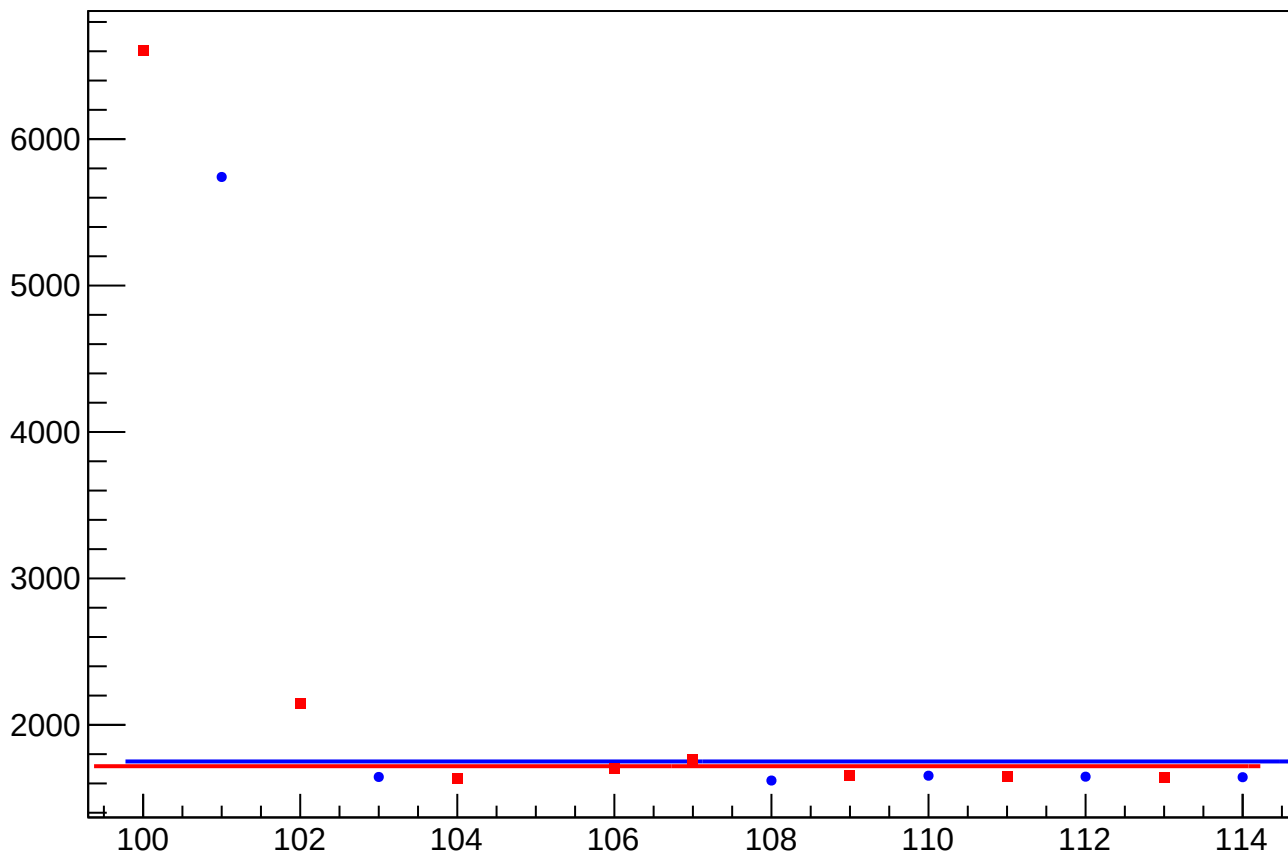
Right: -743.673+/-757.136 χ^2/NDF : 11.1/13

In: -786.379+/-1155.902 χ^2/NDF : 7.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.673+/-757.136 χ^2/NDF : 11.1/13

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

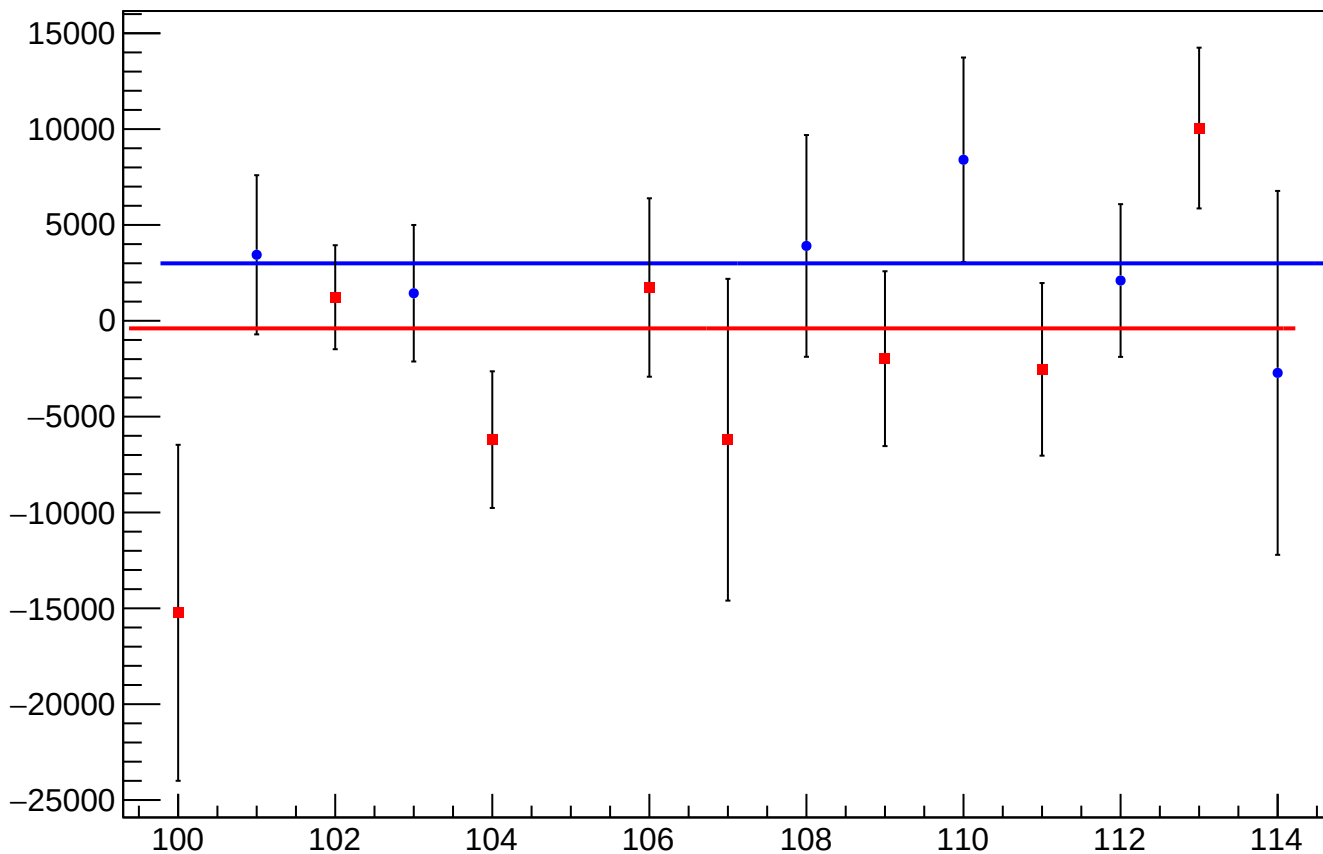
Right: 1731.489+/-0.533 χ^2/NDF : 777060.5/13

In: 1750.173+/-0.817 χ^2/NDF : 650818.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.489+/-0.533 χ^2/NDF : 777060.5/13

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2996.684+/-1903.521 χ^2/NDF : 1.7/5

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

Right Out: -396.068+/-1503.771 χ^2/NDF : 13.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

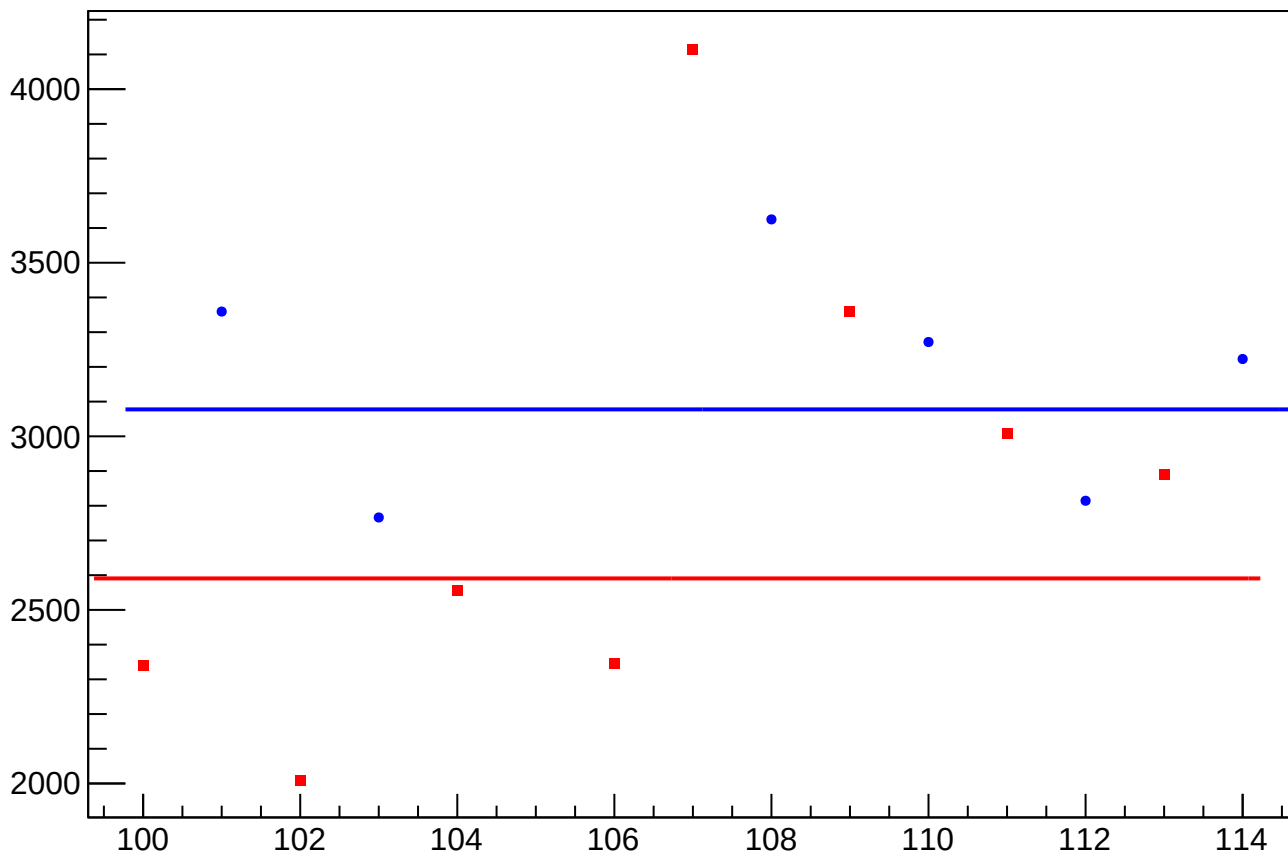
Right: 907.668+/-1179.985 χ^2/NDF : 16.7/13

In: 2996.684+/-1903.521 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.668+/-1179.985 χ^2/NDF : 16.7/13

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

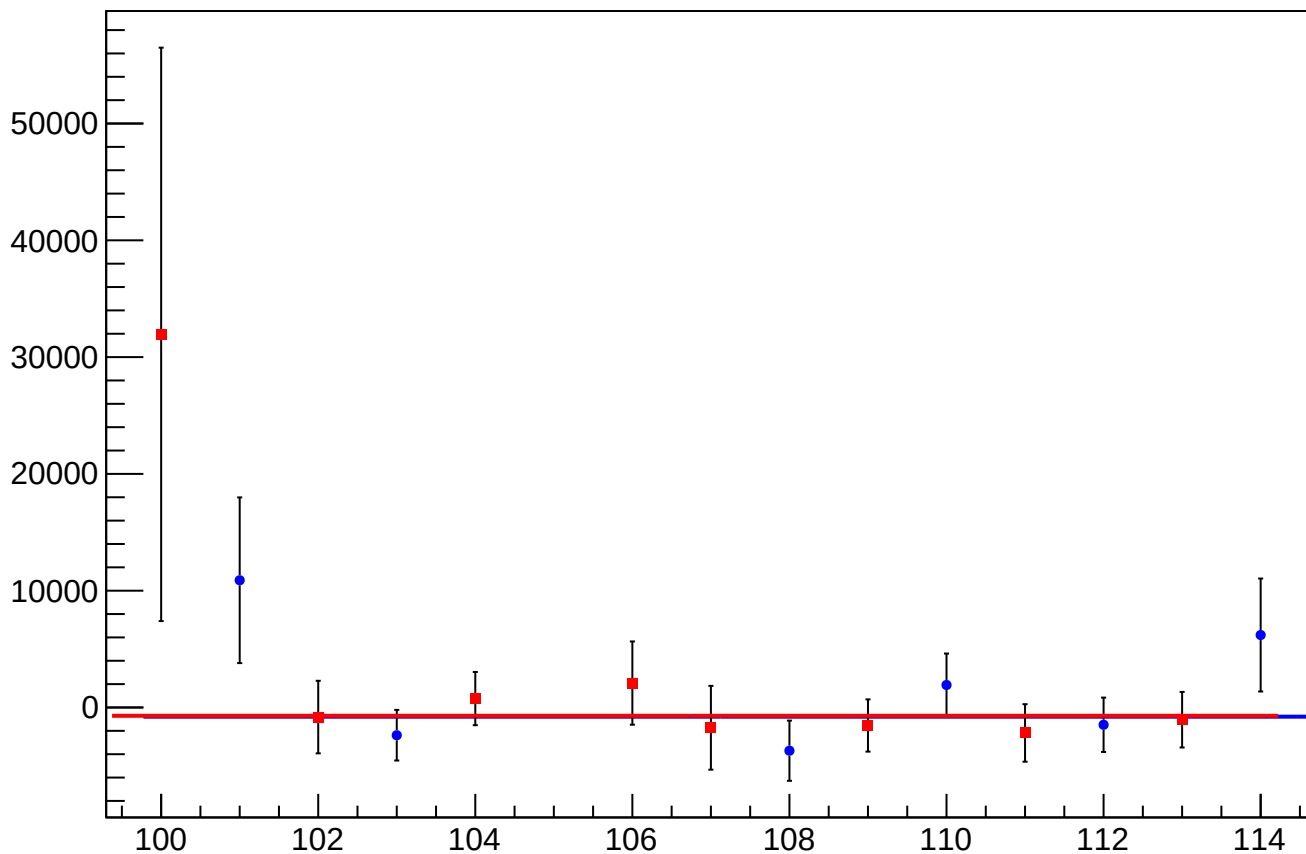
Right: 2777.789+/-0.834 χ^2/NDF : 383802.3/13

In: 3077.583+/-1.346 χ^2/NDF : 54237.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2777.789+/-0.834 χ^2/NDF : 383802.3/13

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

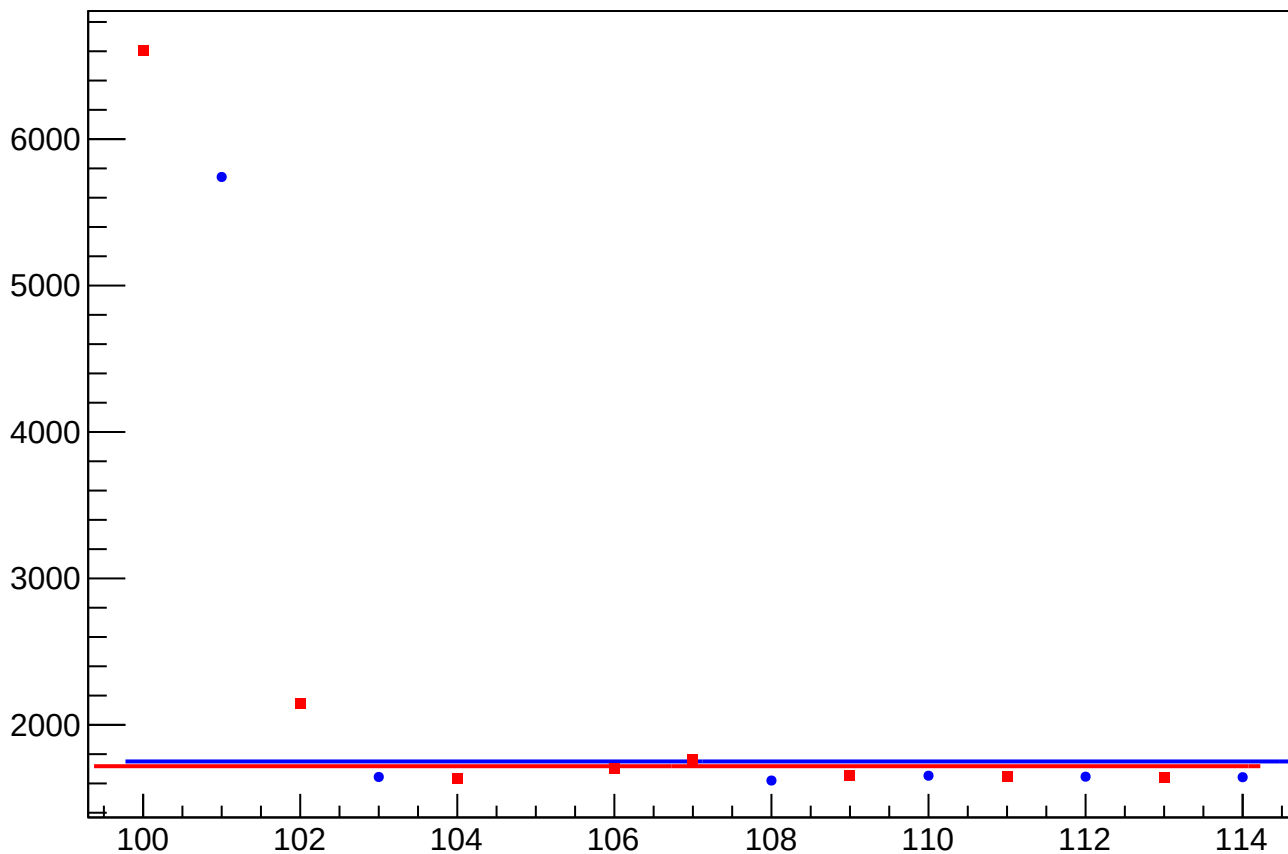
Right: -743.673+/-757.136 χ^2/NDF : 11.1/13

In: -786.379+/-1155.902 χ^2/NDF : 7.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.673+/-757.136 χ^2/NDF : 11.1/13

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

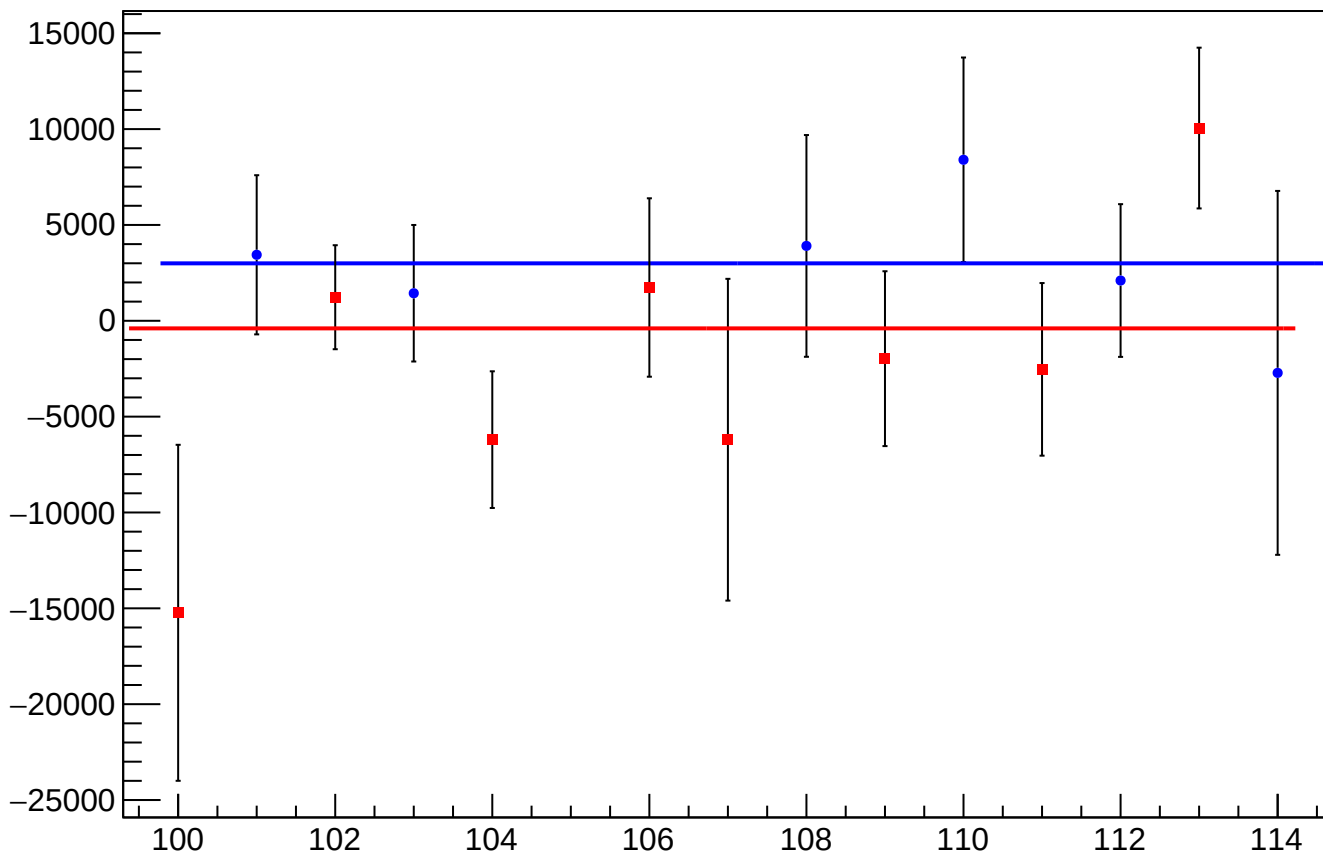
Right: 1731.489+/-0.533 χ^2/NDF : 777060.5/13

In: 1750.173+/-0.817 χ^2/NDF : 650818.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.489+/-0.533 χ^2/NDF : 777060.5/13

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2996.684+/-1903.521 χ^2/NDF : 1.7/5

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

Right Out: -396.068+/-1503.771 χ^2/NDF : 13.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

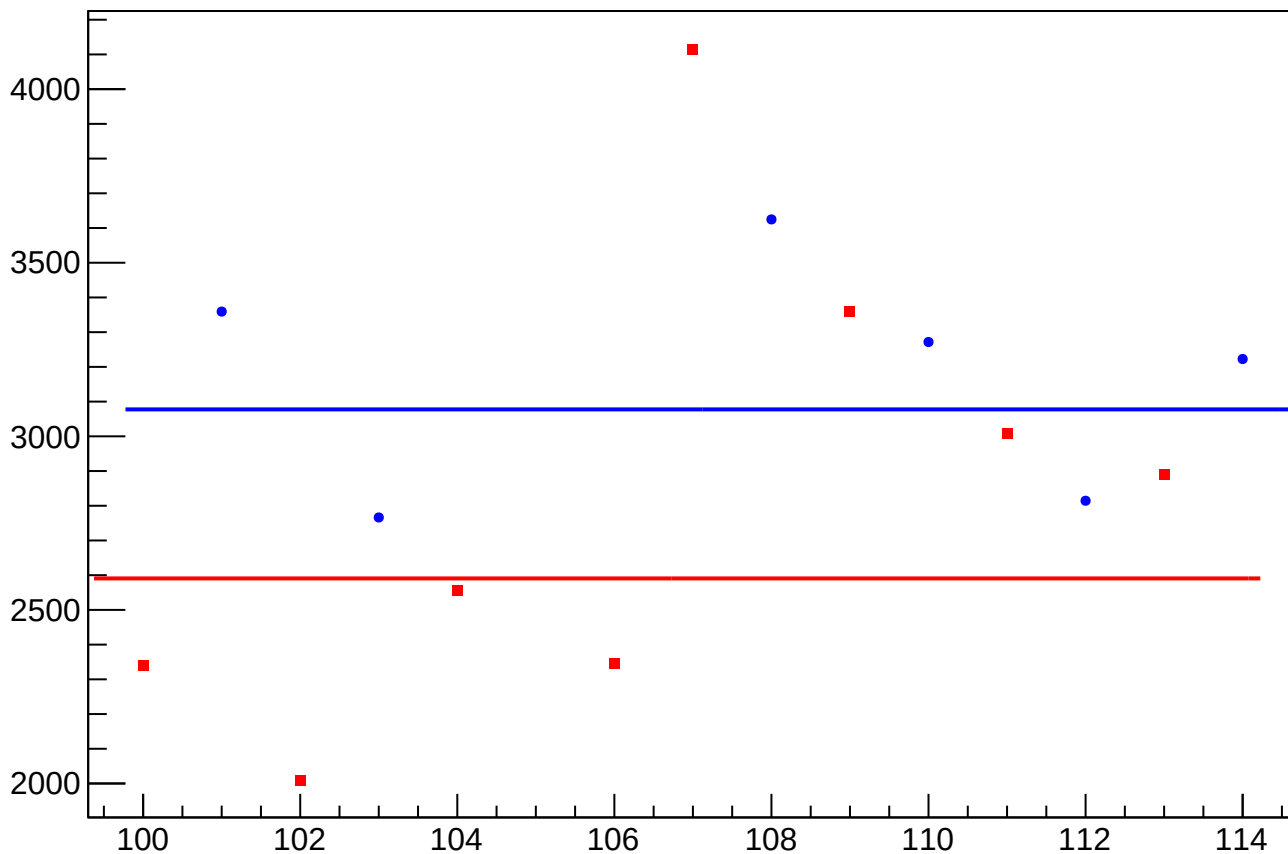
Right: 907.668+/-1179.985 χ^2/NDF : 16.7/13

In: 2996.684+/-1903.521 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.668+/-1179.985 χ^2/NDF : 16.7/13

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

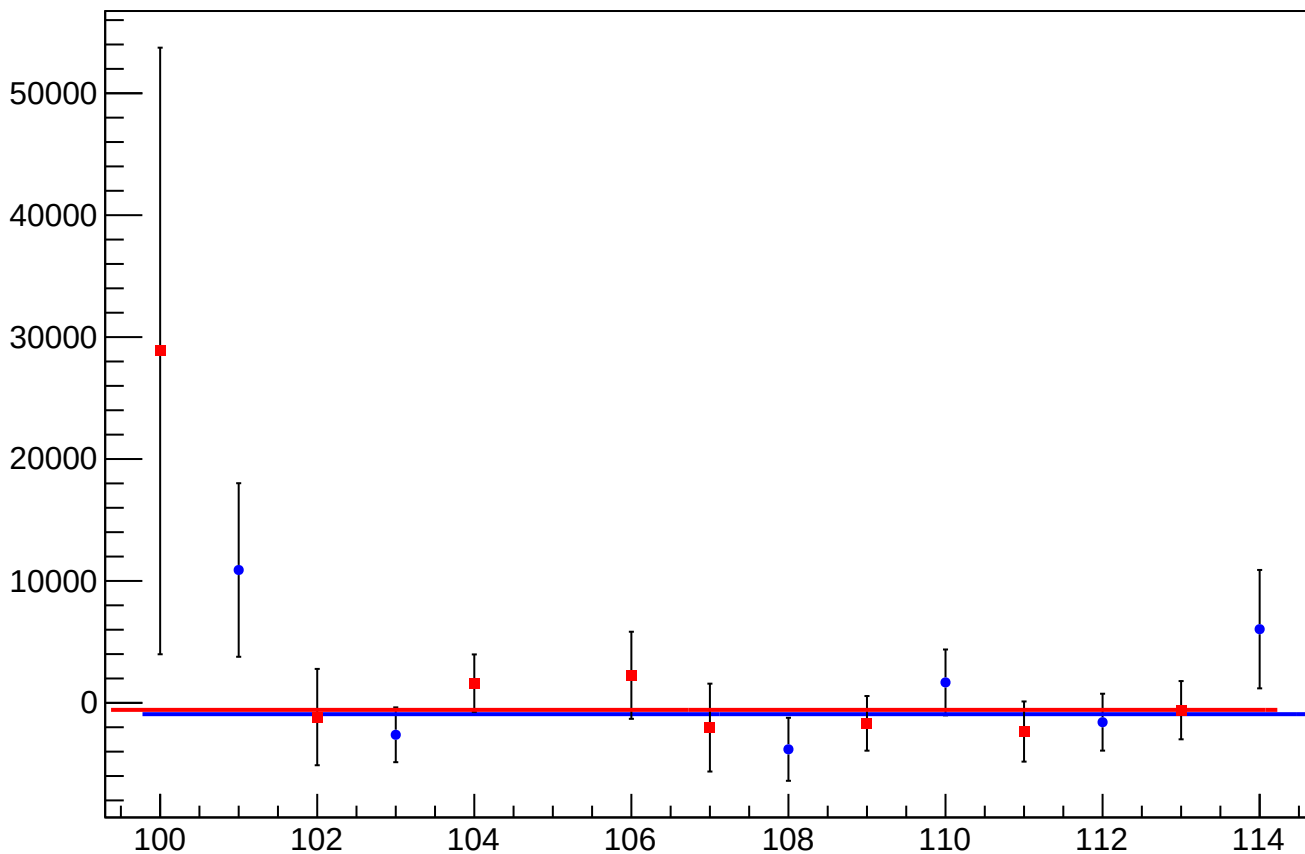
Right: 2777.789+/-0.834 χ^2/NDF : 383802.3/13

In: 3077.583+/-1.346 χ^2/NDF : 54237.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2777.789+/-0.834 χ^2/NDF : 383802.3/13

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -927.737+/-1169.899 χ^2/NDF : 7.6/5

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

Right Out: -574.541+/-1031.299 χ^2/NDF : 3.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

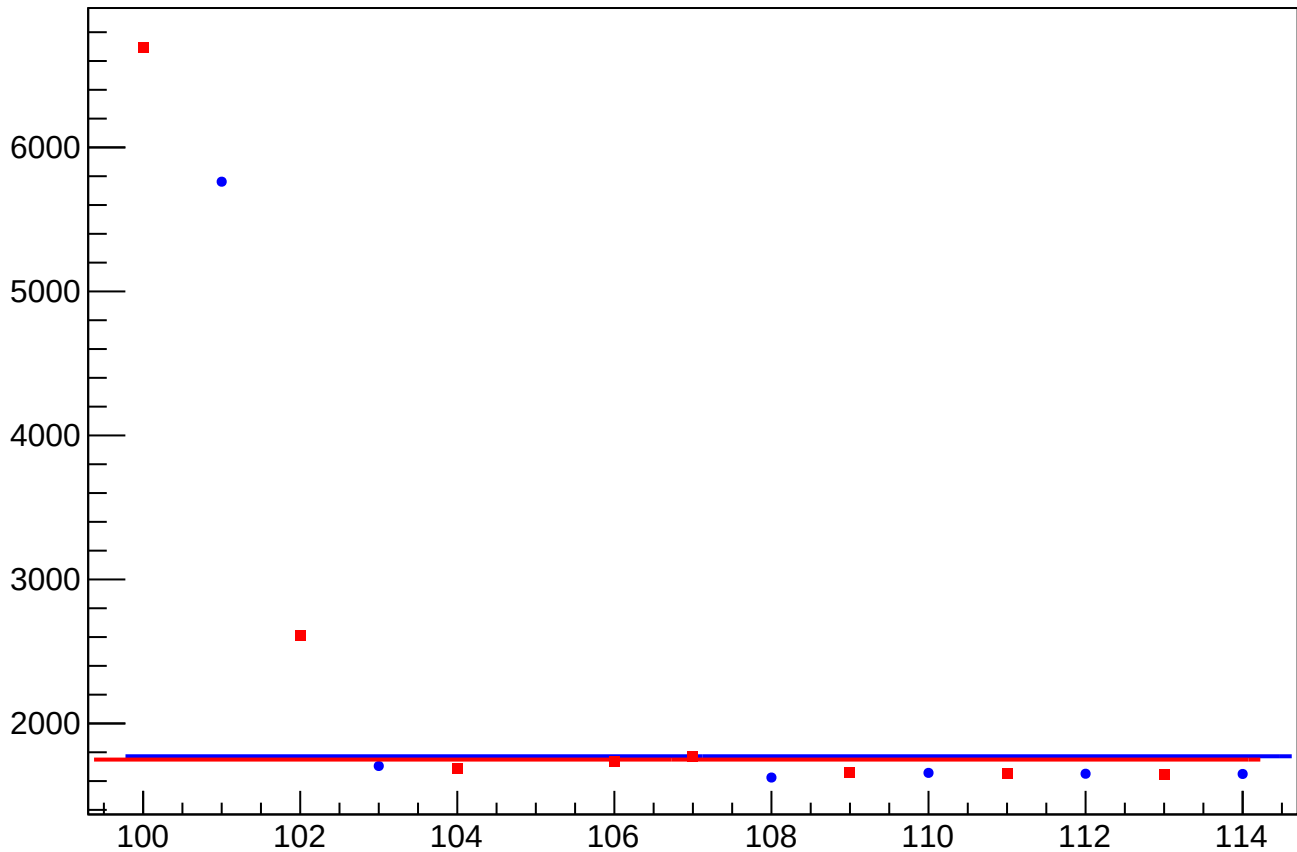
Right: -728.988+/-773.624 χ^2/NDF : 11.5/13

In: -927.737+/-1169.899 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -728.988+/-773.624 χ^2/NDF : 11.5/13

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

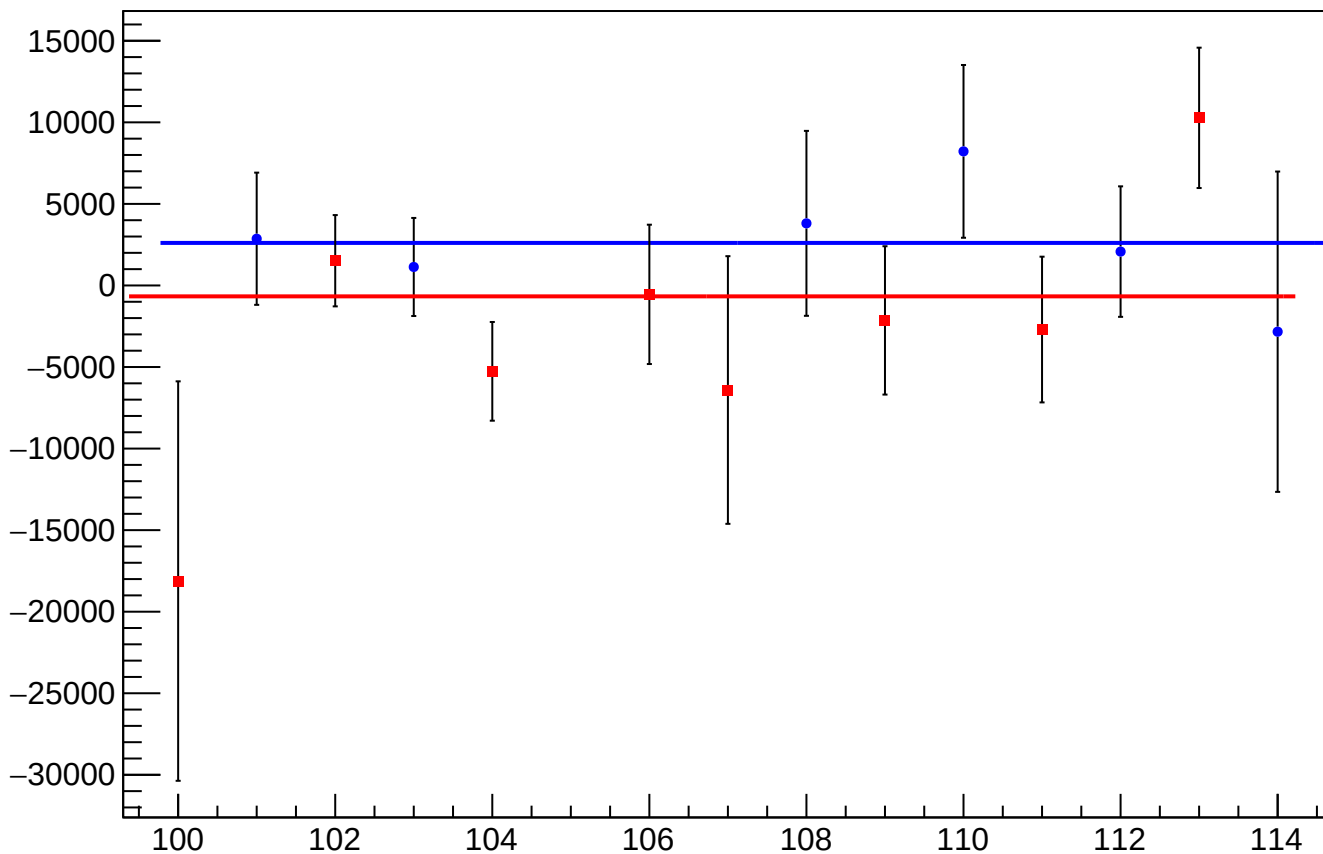
Right: 1759.212+/-0.545 χ^2/NDF : 833816.5/13

In: 1772.198+/-0.827 χ^2/NDF : 646951.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.212+/-0.545 χ^2/NDF : 833816.5/13

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



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

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

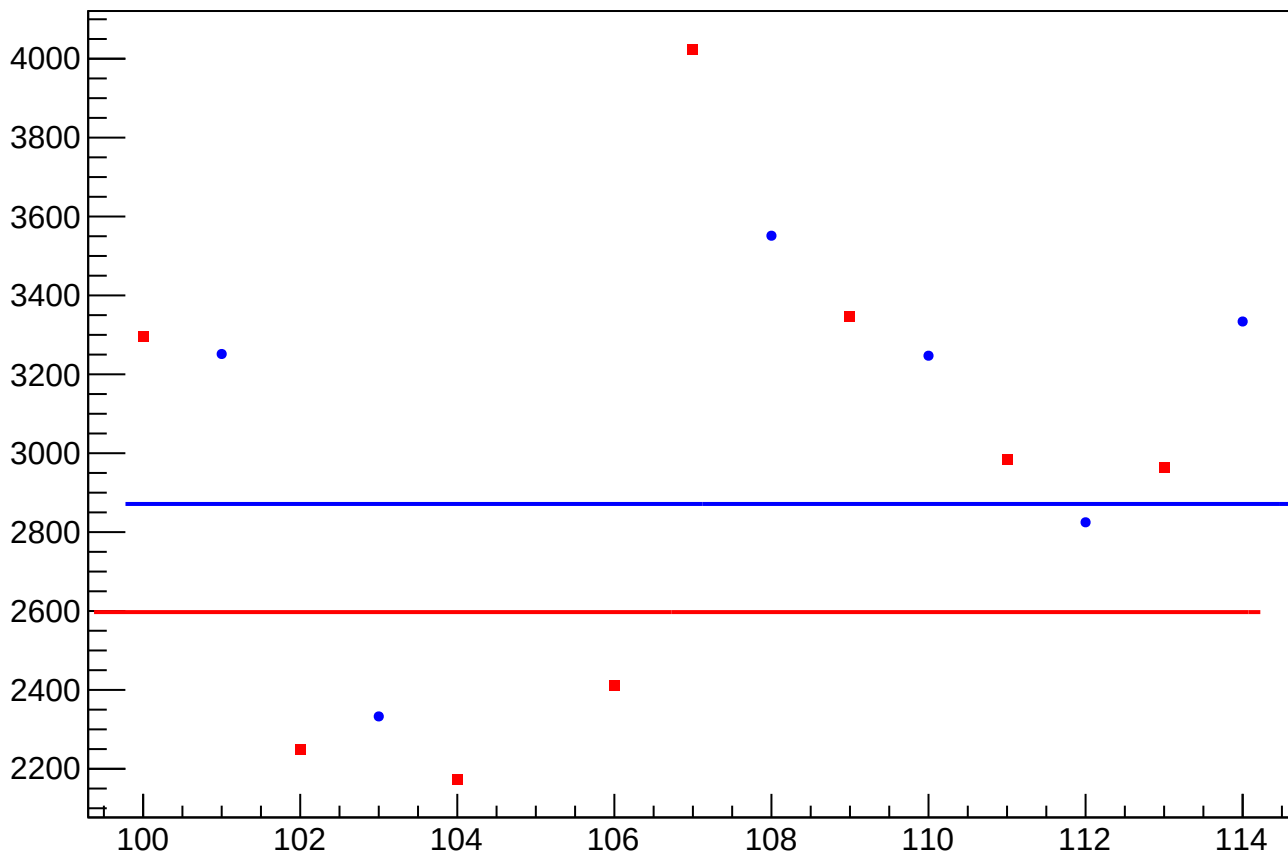
Right: 644.152 $\pm$ 1134.480 χ^2 /NDF: 16.0/13

In: 2608.503 $\pm$ 1792.642 χ^2 /NDF:1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 644.152 $\pm$ 1134.480 χ^2 /NDF: 16.0/13

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2871.379+/-1.268 χ^2/NDF : 125338.8/5

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

Right Out: 2597.270+/-1.036 χ^2/NDF : 225192.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

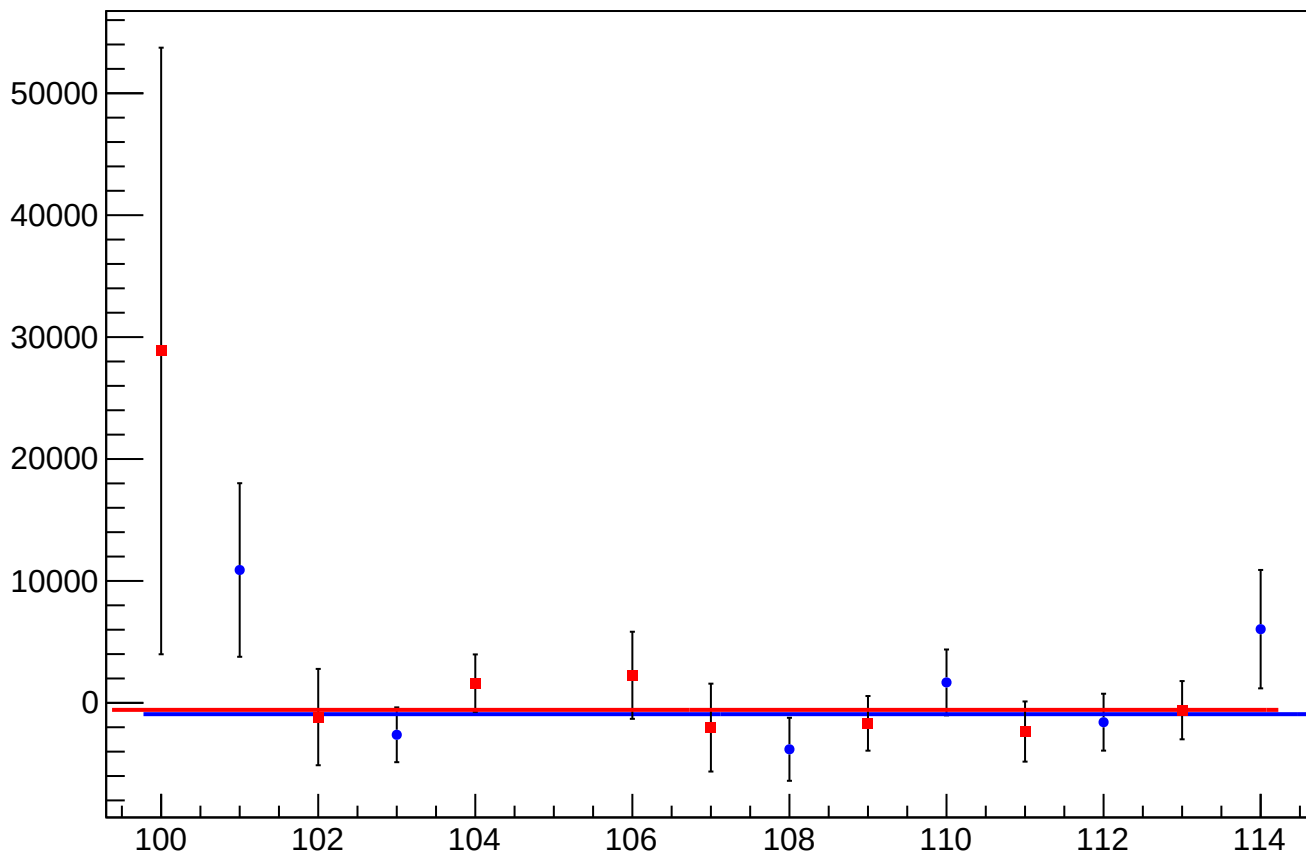
Right: 2707.052+/-0.802 χ^2/NDF : 378564.4/13

In: 2871.379+/-1.268 χ^2/NDF : 125338.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2707.052+/-0.802 χ^2/NDF : 378564.4/13

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

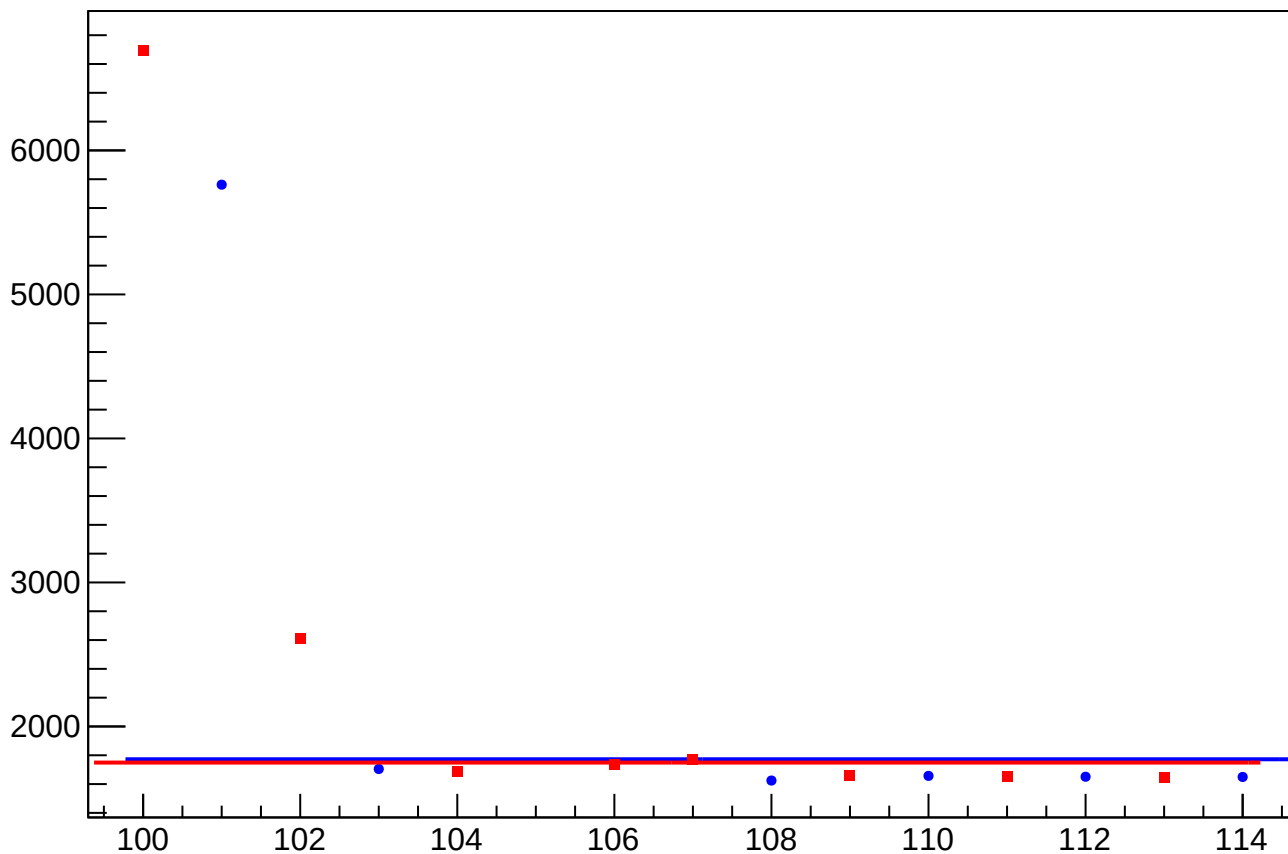
Right: -728.996+/-773.624 χ^2/NDF : 11.5/13

In: -927.745+/-1169.900 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -728.996+/-773.624 χ^2/NDF : 11.5/13

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

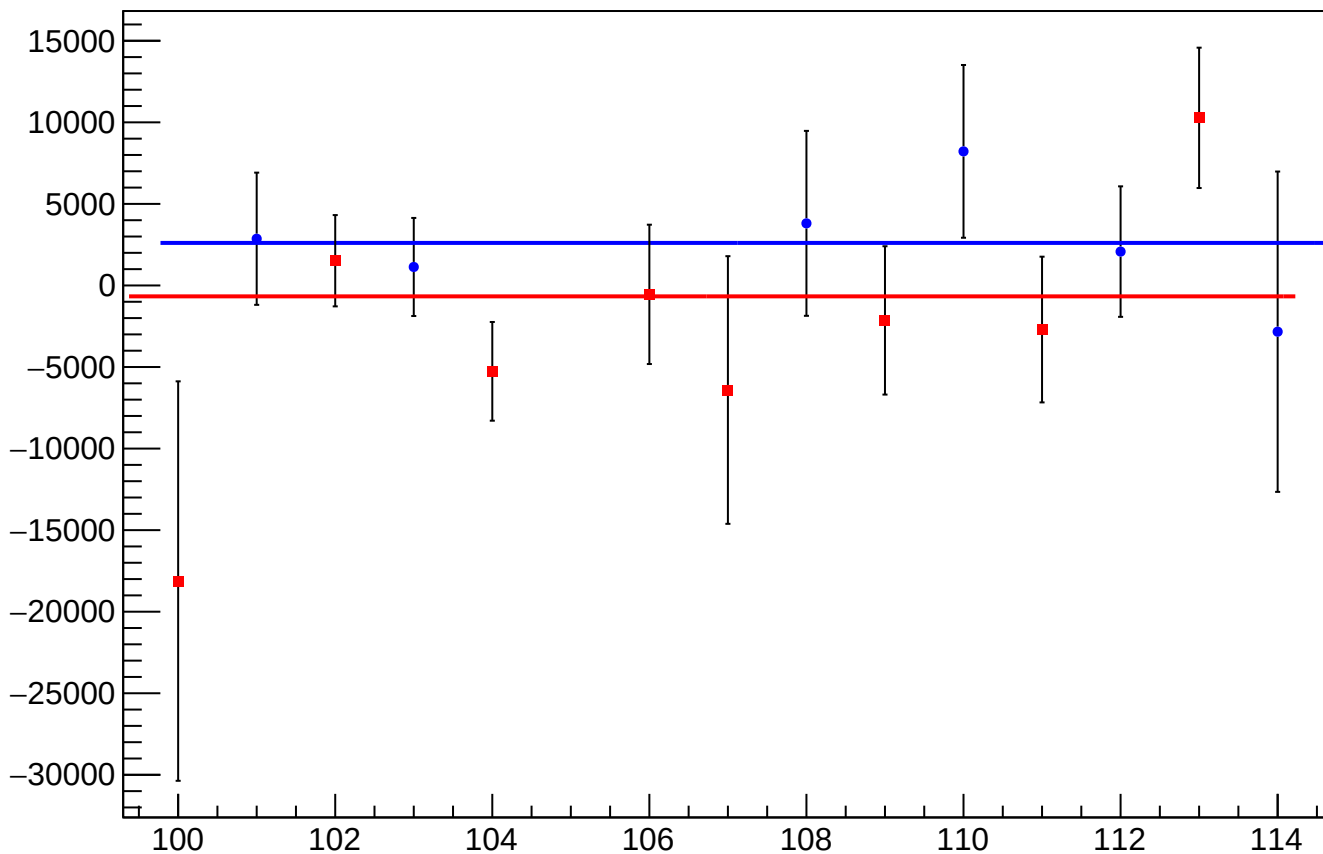
Right: 1759.212+/-0.545 χ^2/NDF : 833816.5/13

In: 1772.198+/-0.827 χ^2/NDF : 646951.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.212+/-0.545 χ^2/NDF : 833816.5/13

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

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

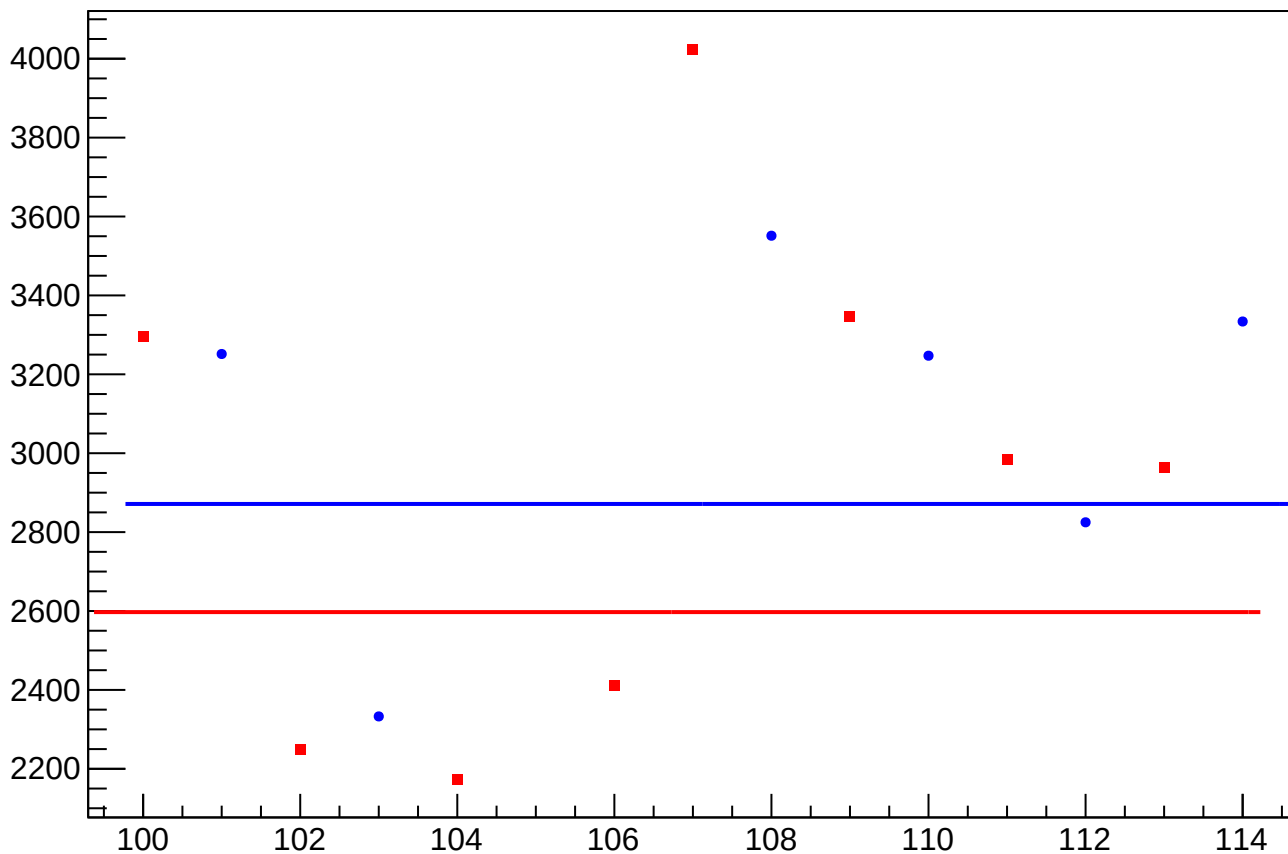
Right: 644.152 $\pm$ 1134.479 χ^2 /NDF: 16.0/13

In: 2608.502 $\pm$ 1792.640 χ^2 /NDF:1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 644.152 $\pm$ 1134.479 χ^2 /NDF: 16.0/13

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2871.376+/-1.268 χ^2/NDF : 125336.4/5

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

Right Out: 2597.269+/-1.036 χ^2/NDF : 225188.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

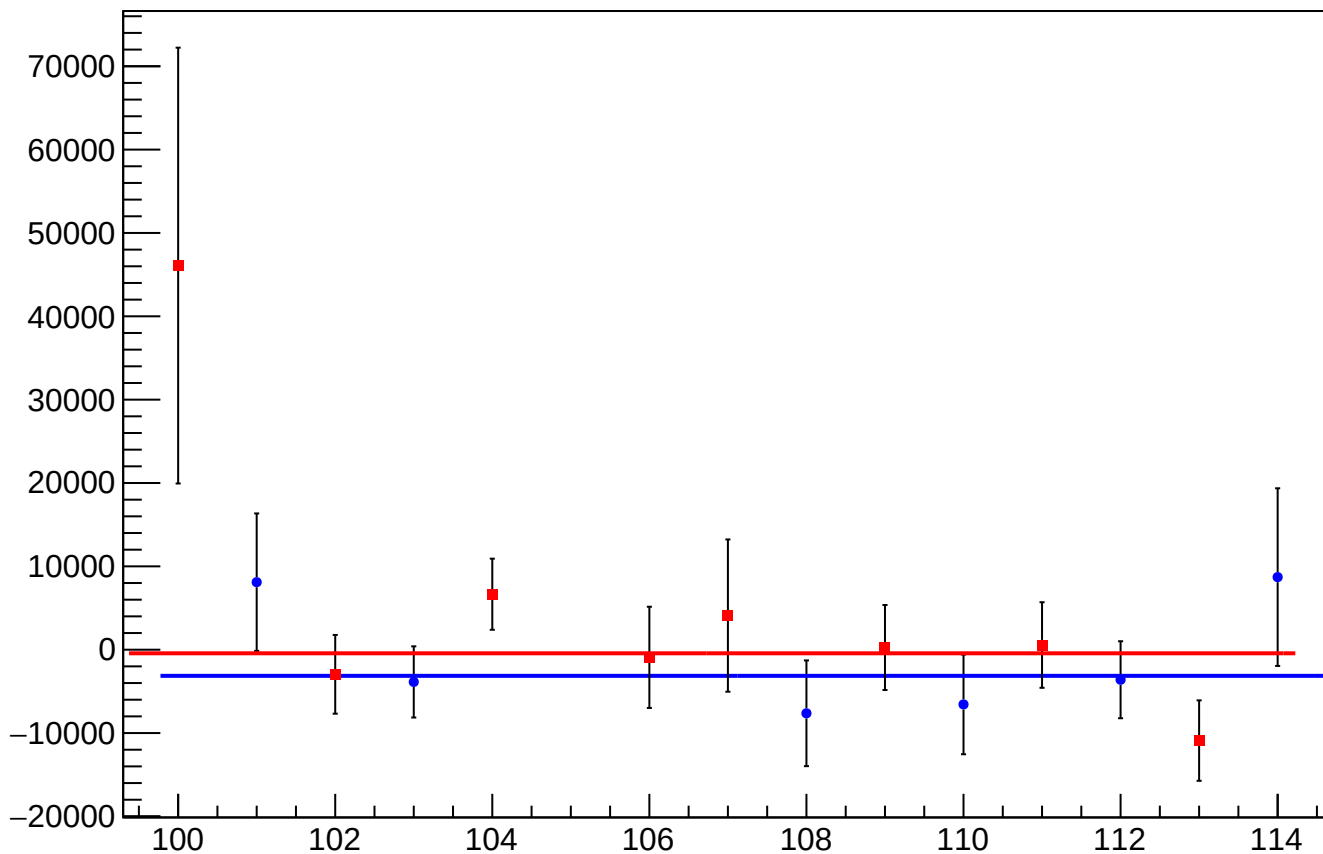
Right: 2707.050+/-0.802 χ^2/NDF : 378558.3/13

In: 2871.376+/-1.268 χ^2/NDF : 125336.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2707.050+/-0.802 χ^2/NDF : 378558.3/13

asym_atr1l2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

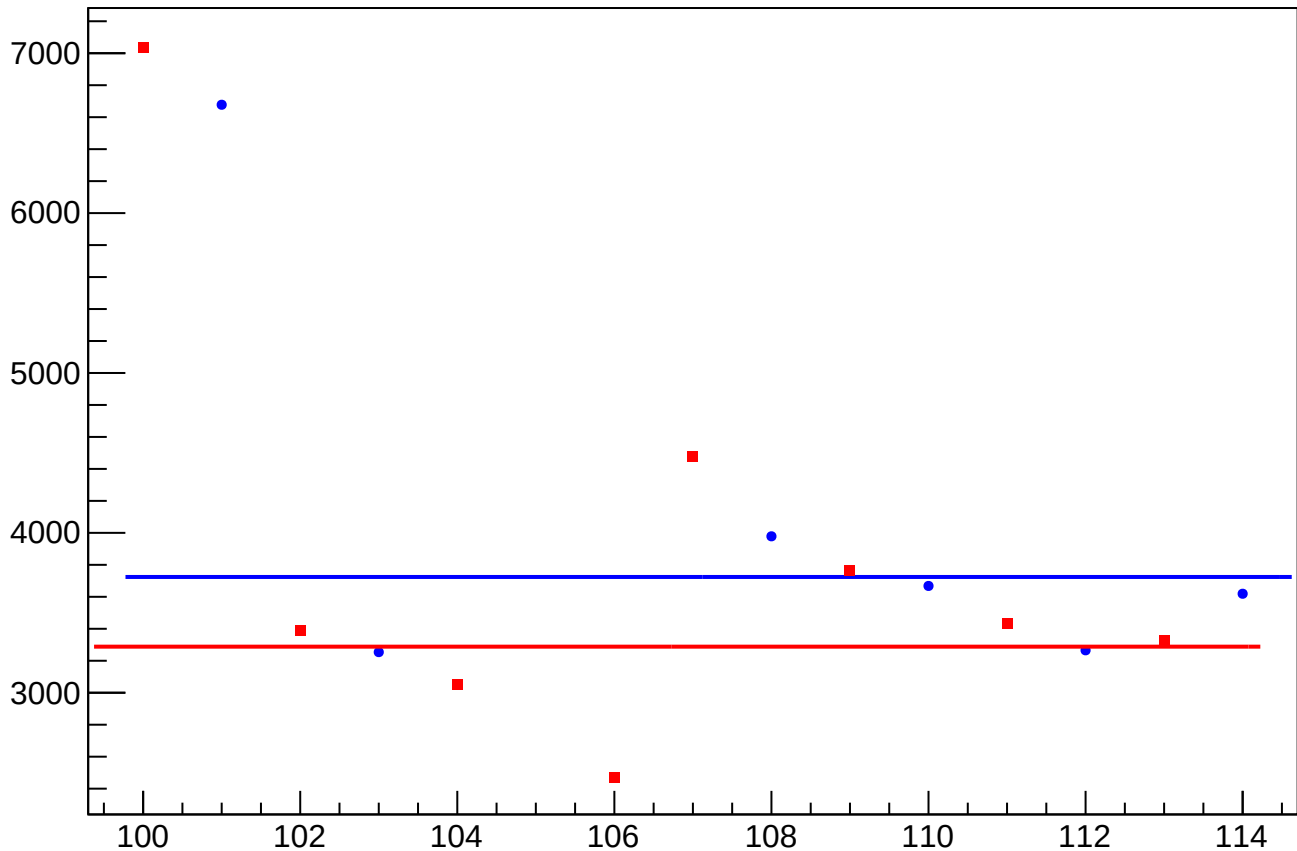
Right: -1530.702+/-1511.457 χ^2/NDF : 16.0/13

In: -3135.510+/-2369.982 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1530.702+/-1511.457 χ^2/NDF : 16.0/13

asym_atr1l2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

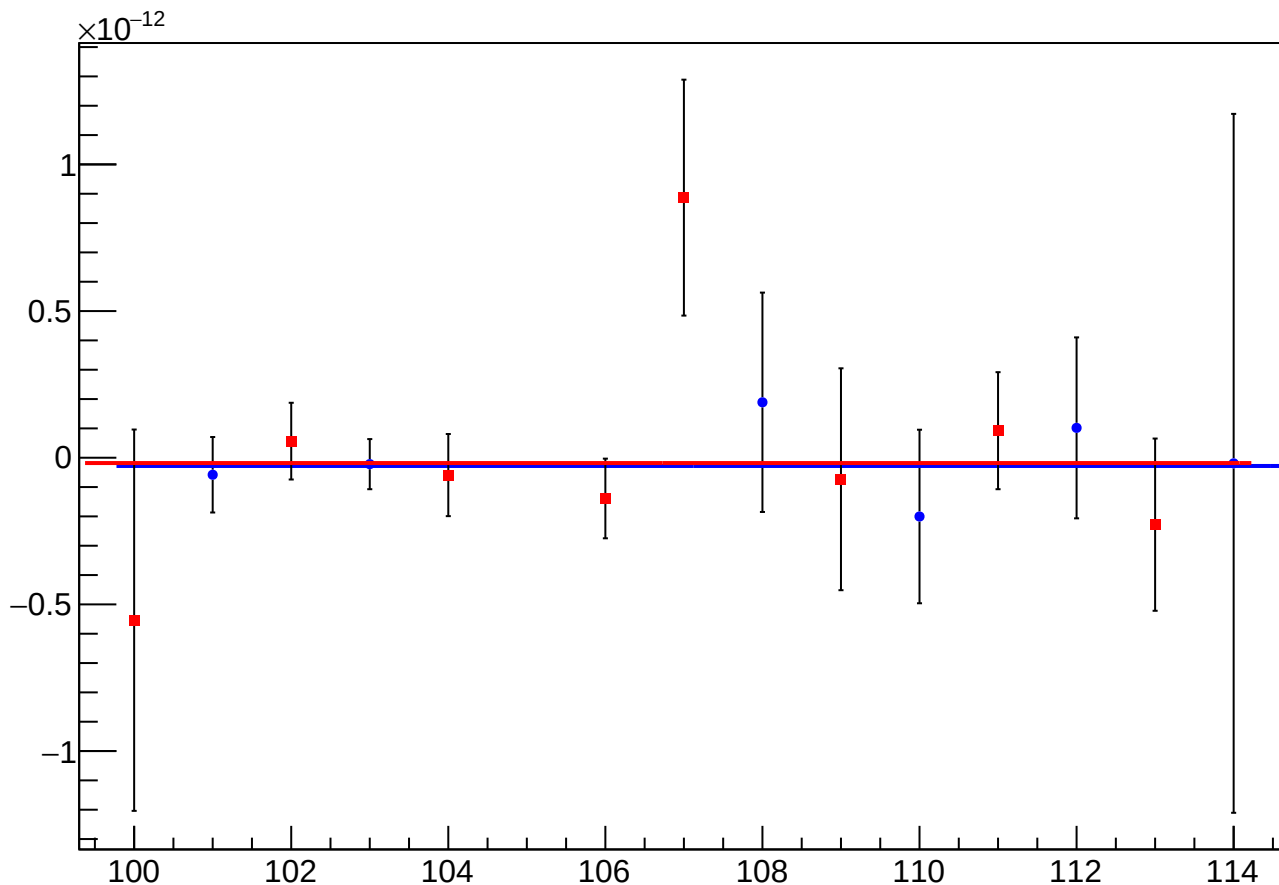
Right: 3458.675+/-1.048 χ^2/NDF : 506097.6/13

In: 3724.095+/-1.676 χ^2/NDF : 304193.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3458.675+/-1.048 χ^2/NDF : 506097.6/13

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

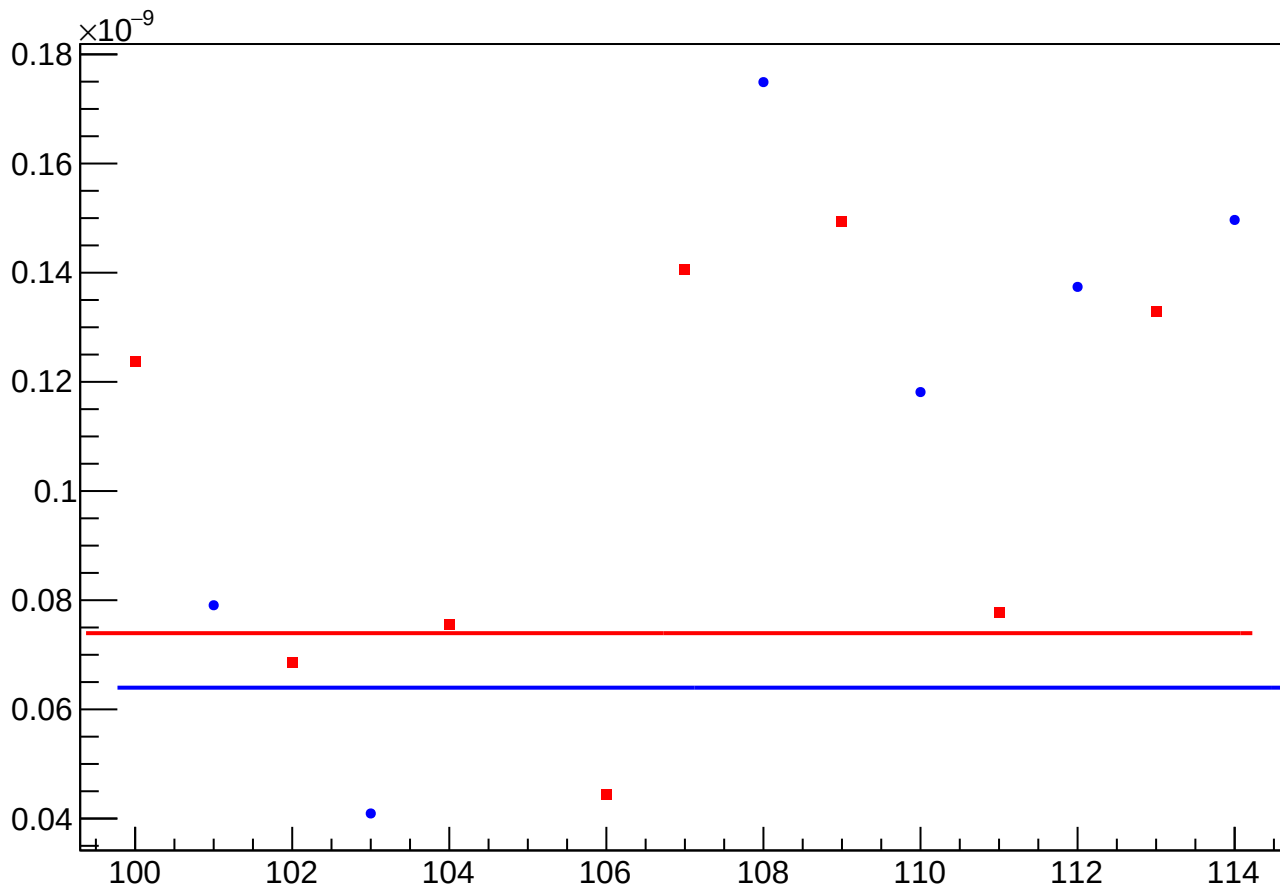
Right: -0.000+/-0.000 χ^2 /NDF: 8.7/13

In: -0.000+/-0.000 χ^2 /NDF:0.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.7/13

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

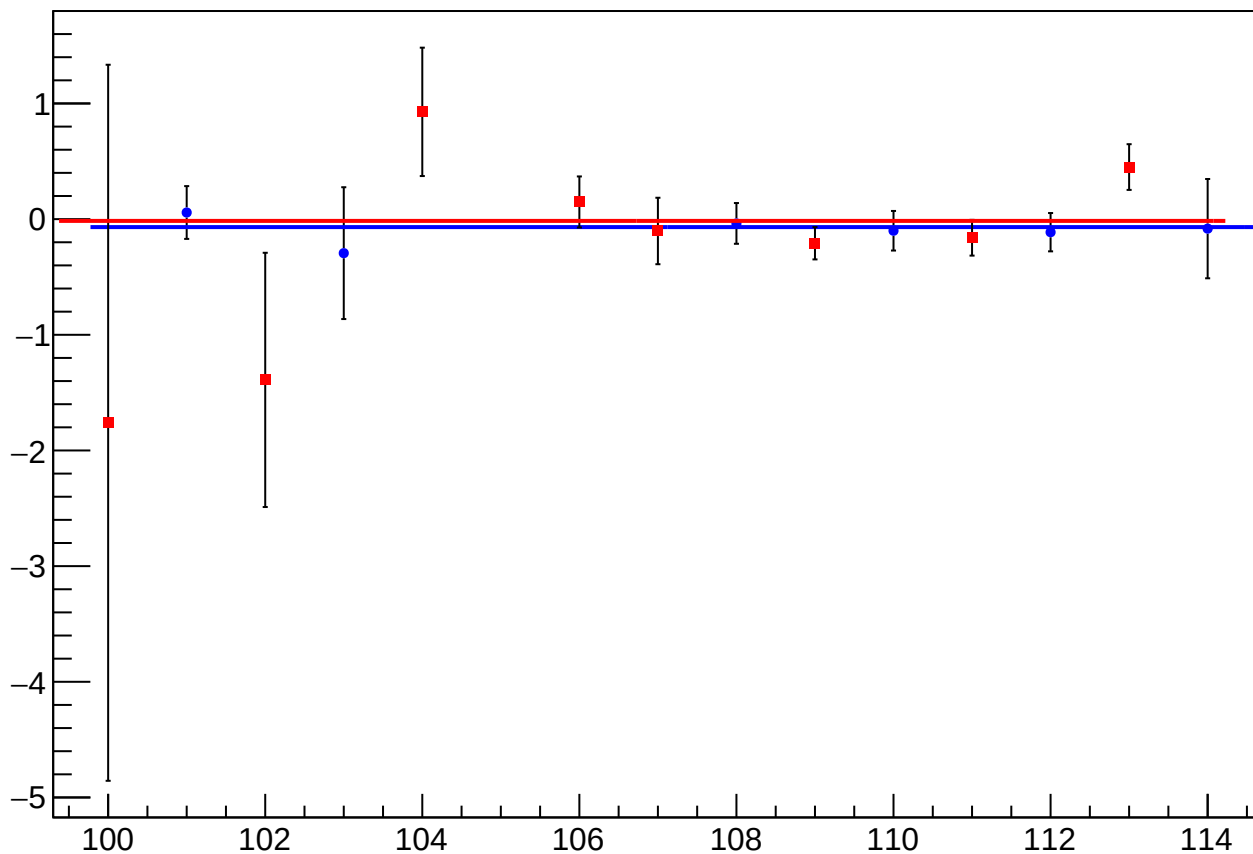
Right: 0.000+/-0.000 χ^2/NDF : 887447.5/13

In: 0.000+/-0.000 χ^2/NDF : 539732.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 887447.5/13

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

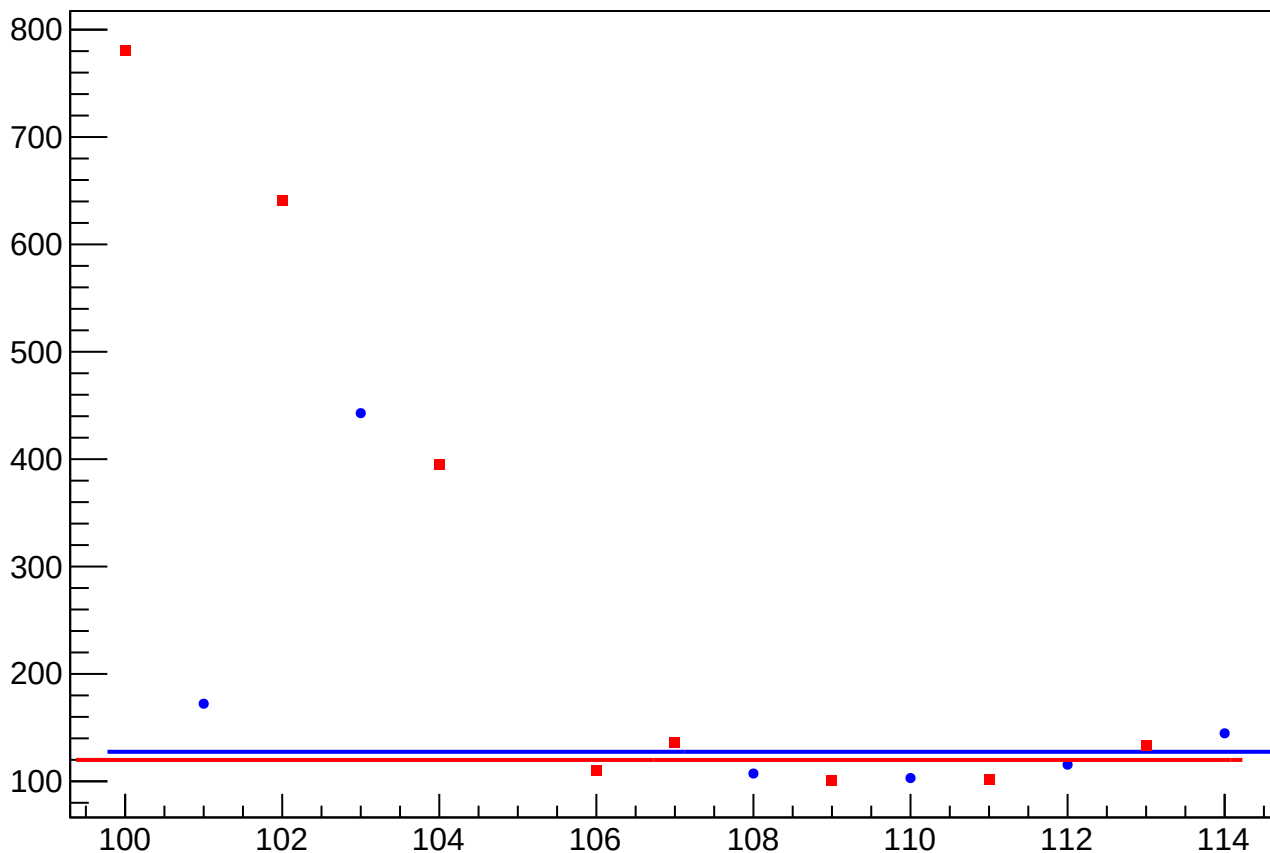
Right: -0.040 ± 0.059 χ^2/NDF : 14.6/13

In: -0.069 ± 0.088 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.059 χ^2/NDF : 14.6/13

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.497+/-0.062 χ^2/NDF : 770539.0/5

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

Right Out: 119.918+/-0.057 χ^2/NDF : 1117471.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

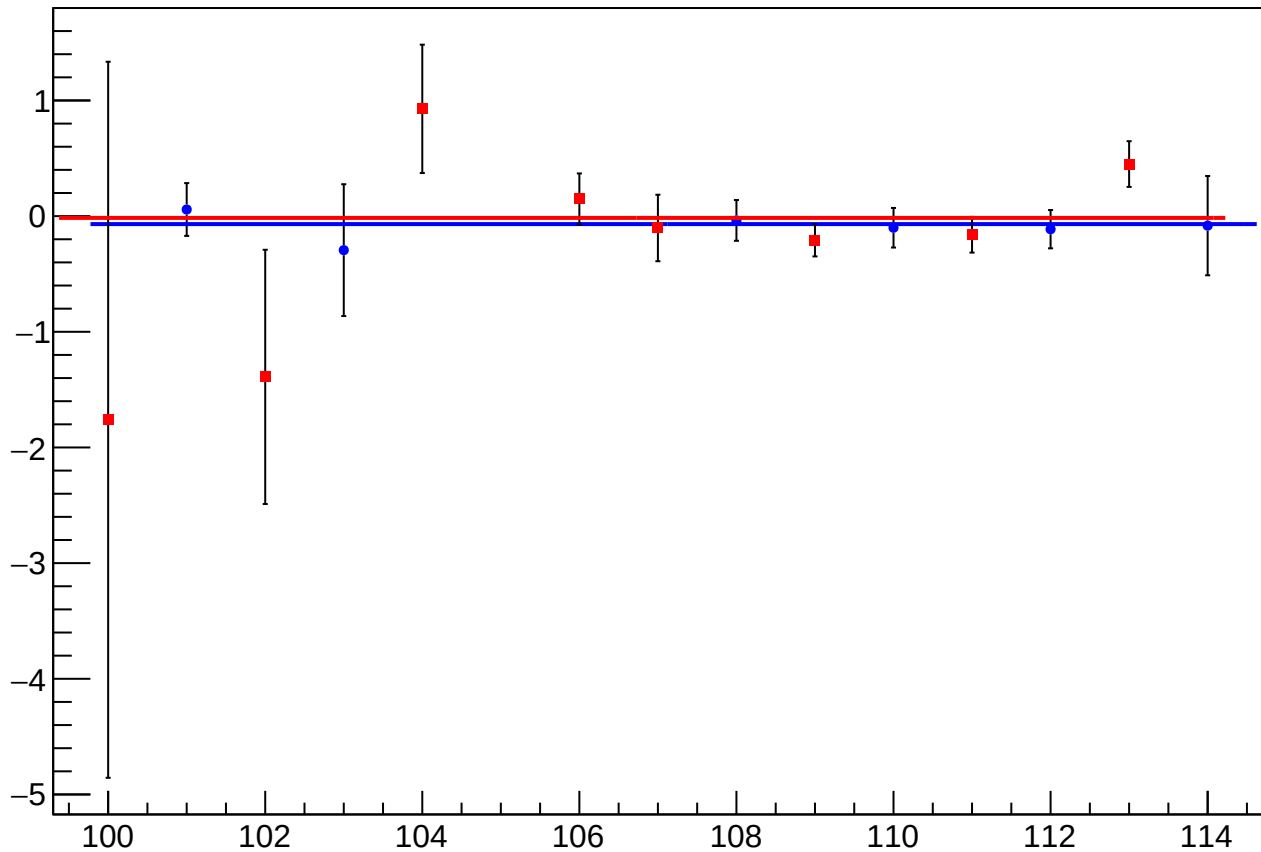
Right: 123.377+/-0.042 χ^2/NDF : 1896162.1/13

In: 127.497+/-0.062 χ^2/NDF : 770539.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.377+/-0.042 χ^2/NDF : 1896162.1/13

asym_atr12_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

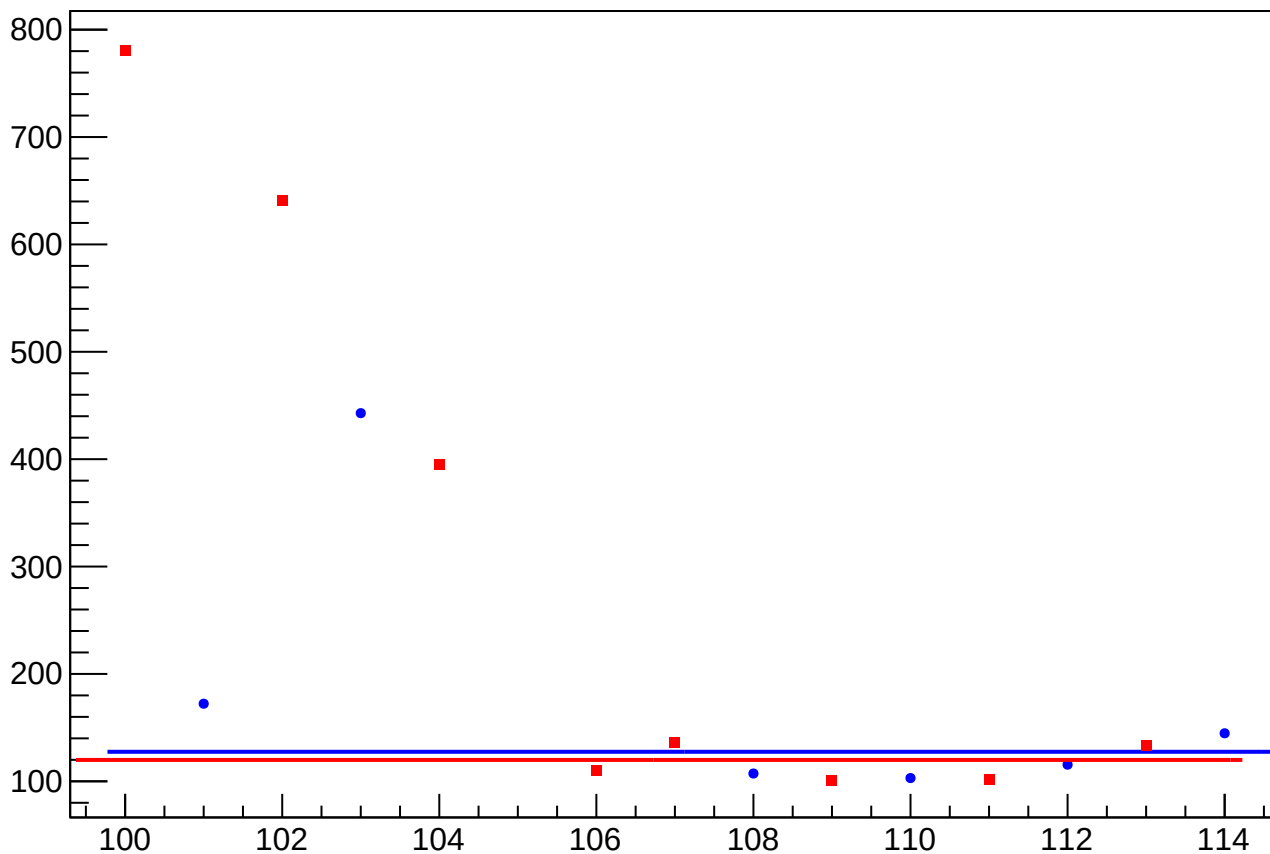
Right: -0.040 ± 0.059 χ^2/NDF : 14.6/13

In: -0.069 ± 0.088 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.059 χ^2/NDF : 14.6/13

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.497+/-0.062 χ^2/NDF : 770539.0/5

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

Right Out: 119.918+/-0.057 χ^2/NDF : 1117471.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

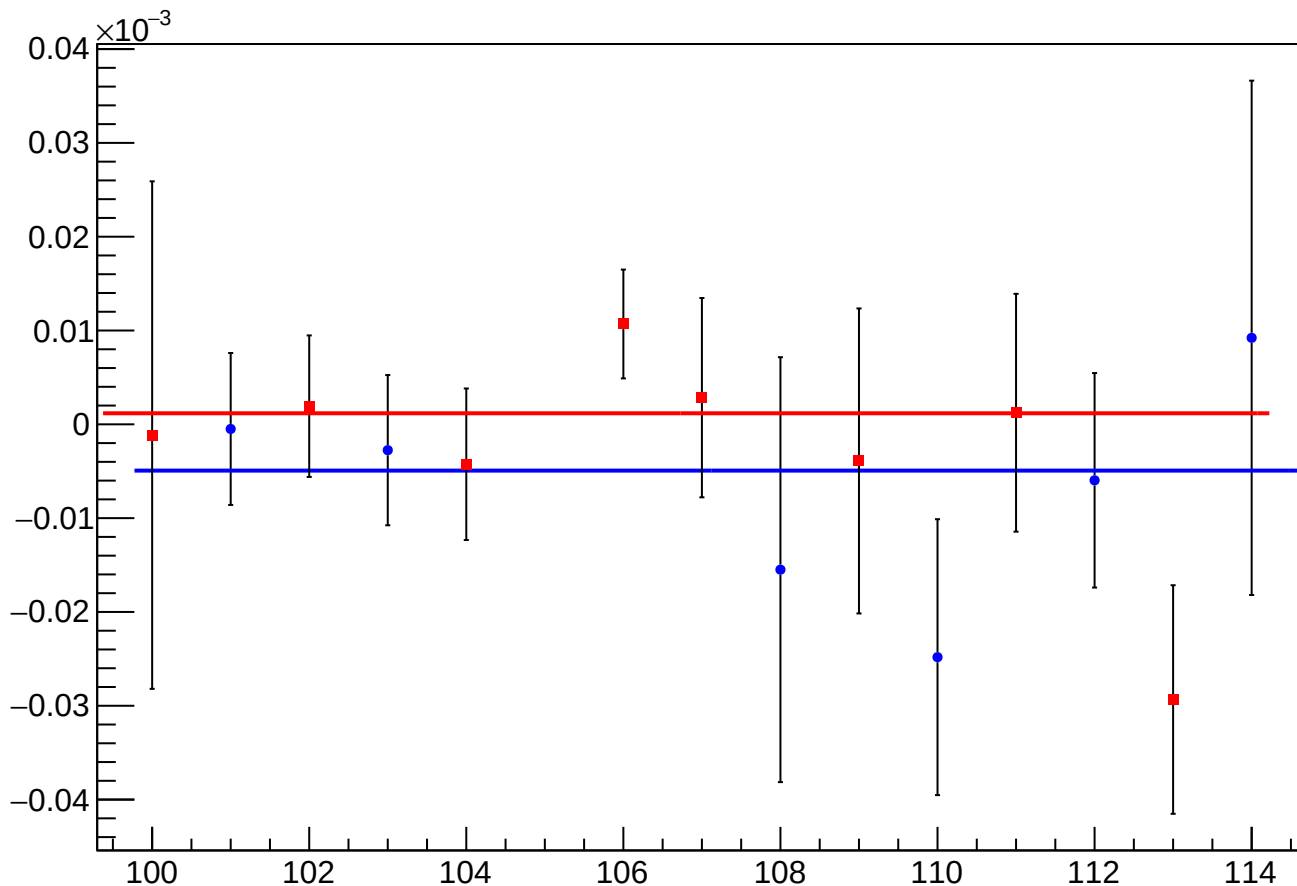
Right: 123.377+/-0.042 χ^2/NDF : 1896162.1/13

In: 127.497+/-0.062 χ^2/NDF : 770539.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.377+/-0.042 χ^2/NDF : 1896162.1/13

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

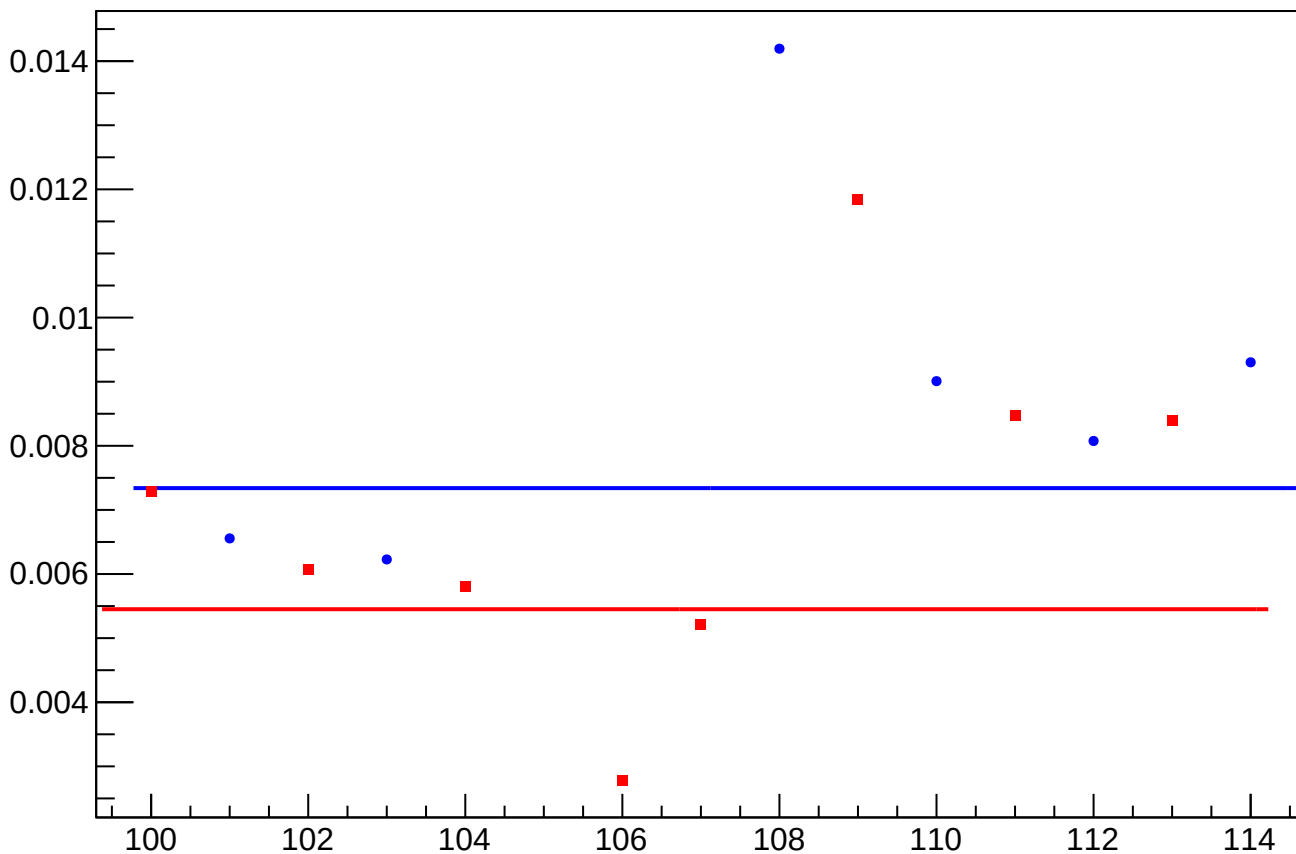
Right: -0.000+/-0.000 χ^2/NDF : 13.4/13

In: -0.000+/-0.000 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.4/13

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

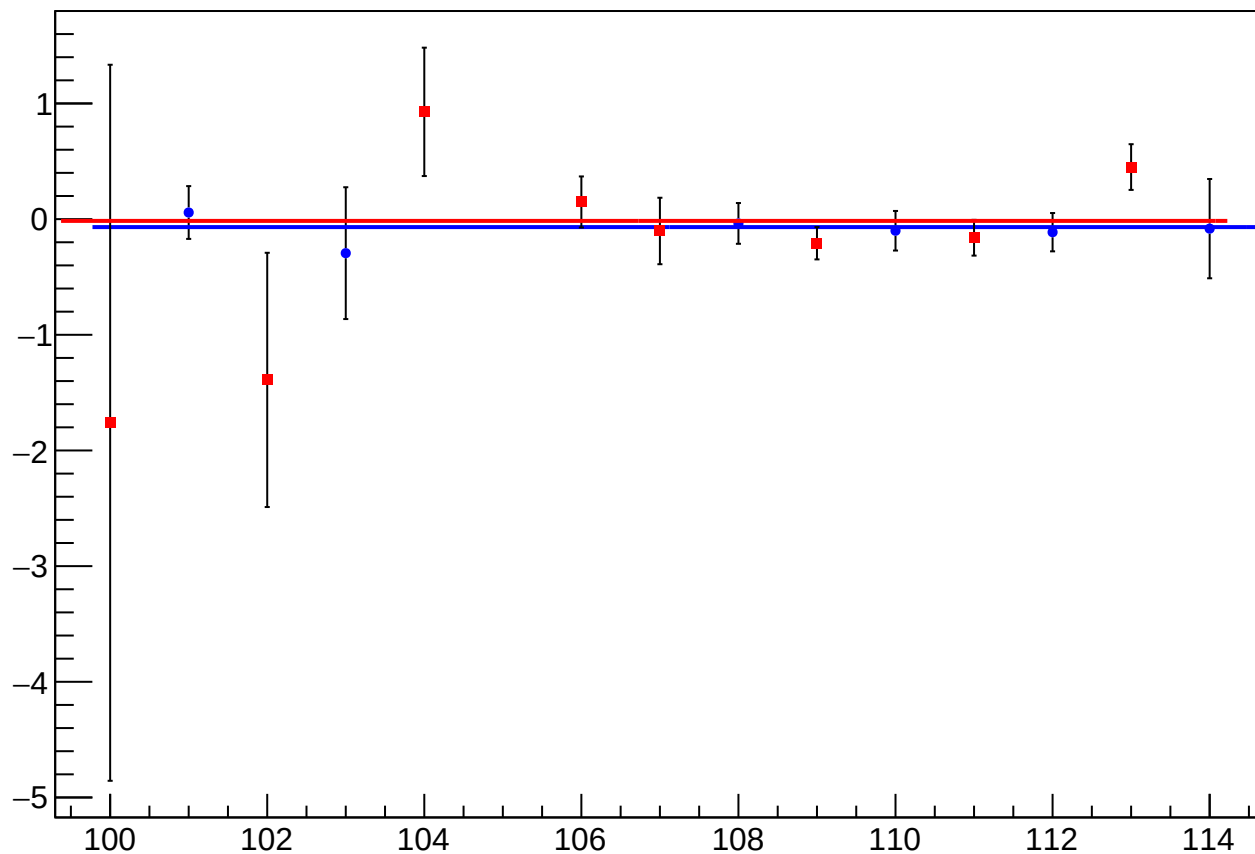
Right: 0.006+/-0.000 χ^2/NDF : 1494394.9/13

In: 0.007+/-0.000 χ^2/NDF :284824.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1494394.9/13

asym_atr12_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

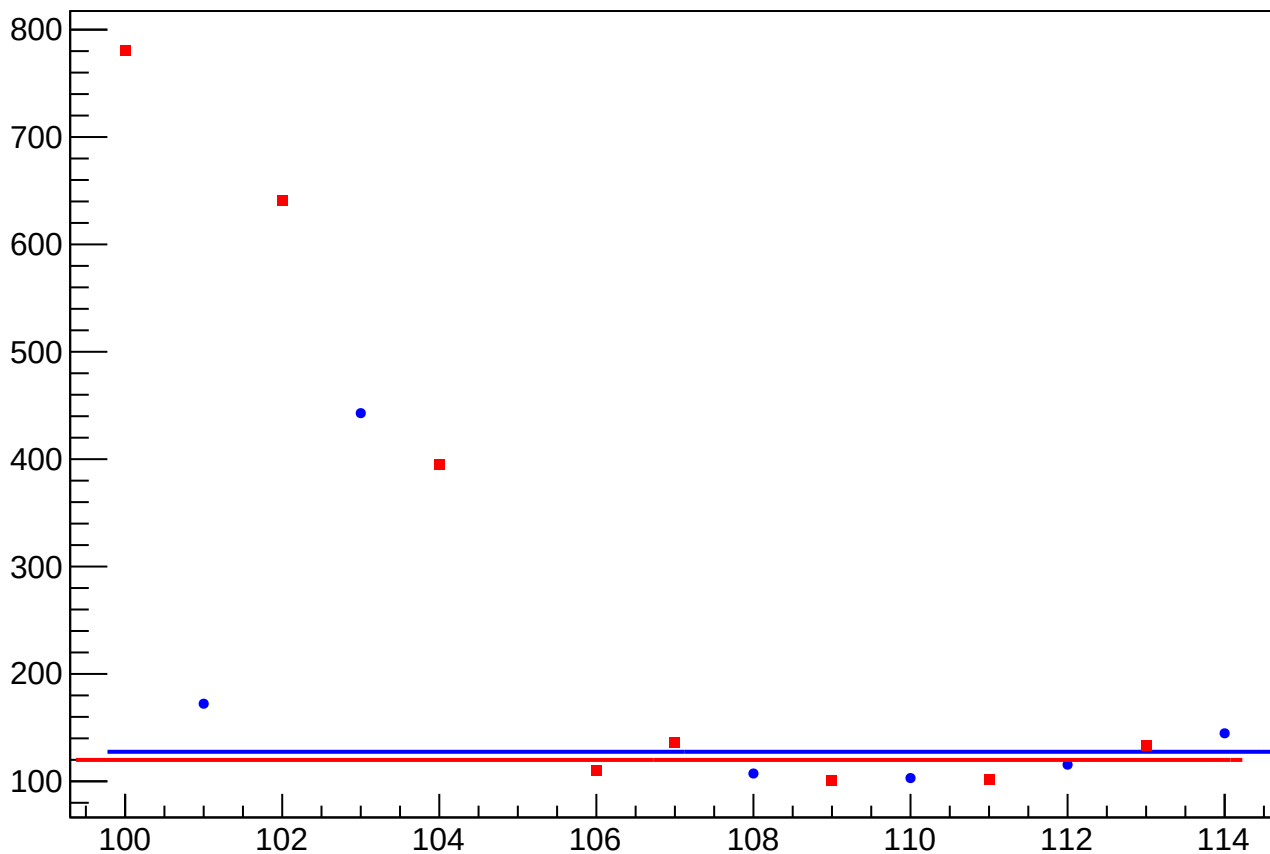
Right: -0.040 ± 0.059 χ^2/NDF : 14.6/13

In: -0.069 ± 0.088 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.059 χ^2/NDF : 14.6/13

asym_atr1l2_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 127.501+/-0.062 χ^2/NDF : 770486.0/5

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

Right Out: 119.920+/-0.057 χ^2/NDF : 1117444.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

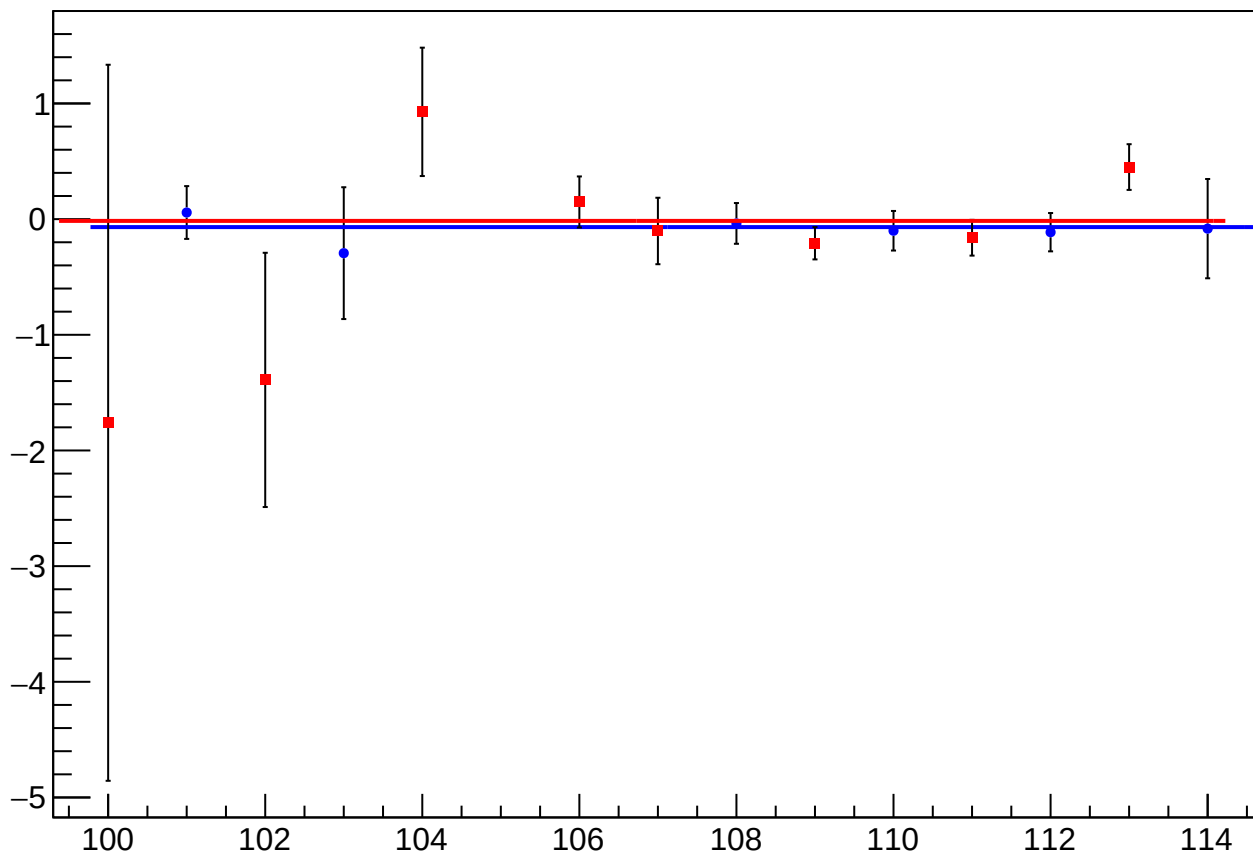
Right: 123.379+/-0.042 χ^2/NDF : 1896084.8/13

In: 127.501+/-0.062 χ^2/NDF : 770486.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.379+/-0.042 χ^2/NDF : 1896084.8/13

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.069 ± 0.088 $\chi^2/\text{NDF}: 0.6/5$

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

Right Out: -0.015 ± 0.080 $\chi^2/\text{NDF}: 13.8/7$

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

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

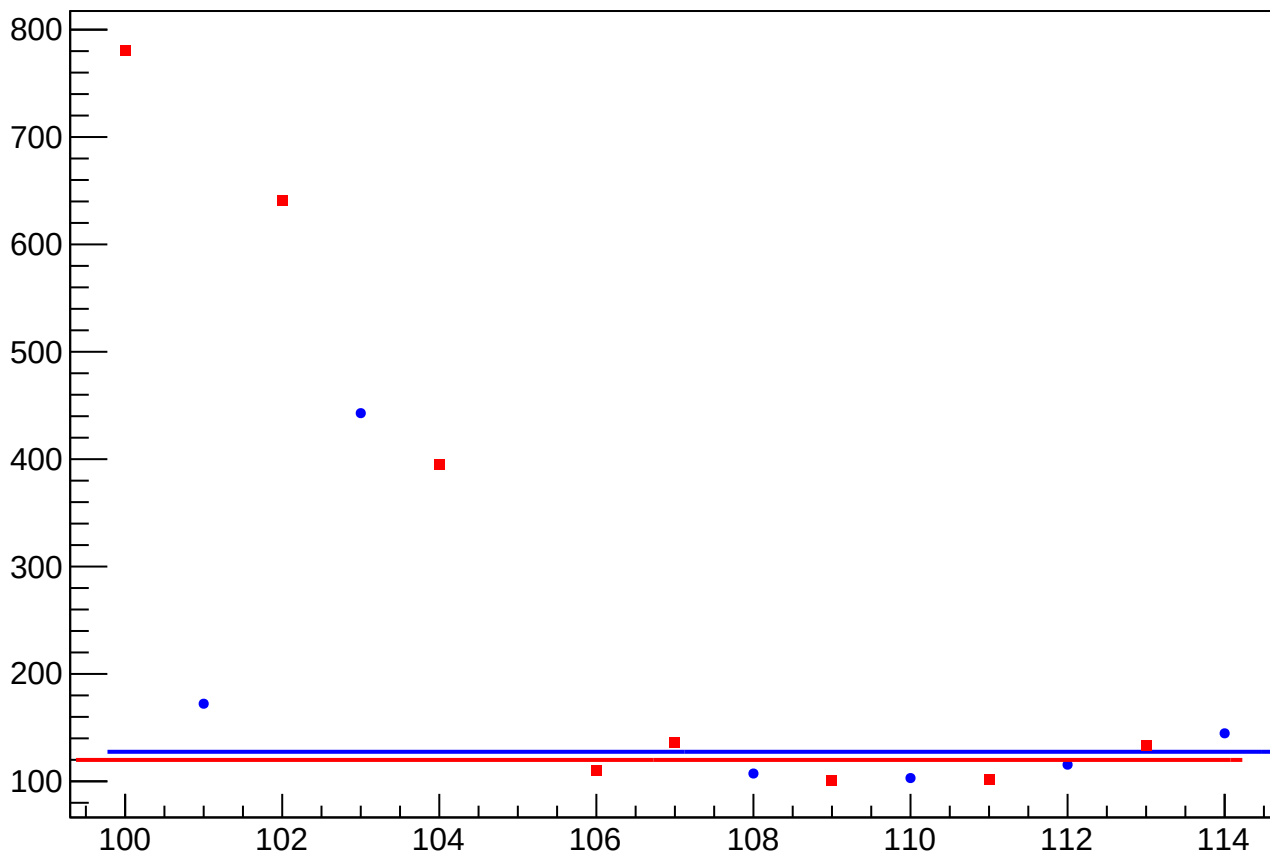
Right: -0.040 ± 0.059 $\chi^2/\text{NDF}: 14.6/13$

In: -0.069 ± 0.088 $\chi^2/\text{NDF}: 0.6/5$

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

All: -0.040 ± 0.059 $\chi^2/\text{NDF}: 14.6/13$

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.501+/-0.062 χ^2/NDF : 770486.0/5

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

Right Out: 119.920+/-0.057 χ^2/NDF : 1117444.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

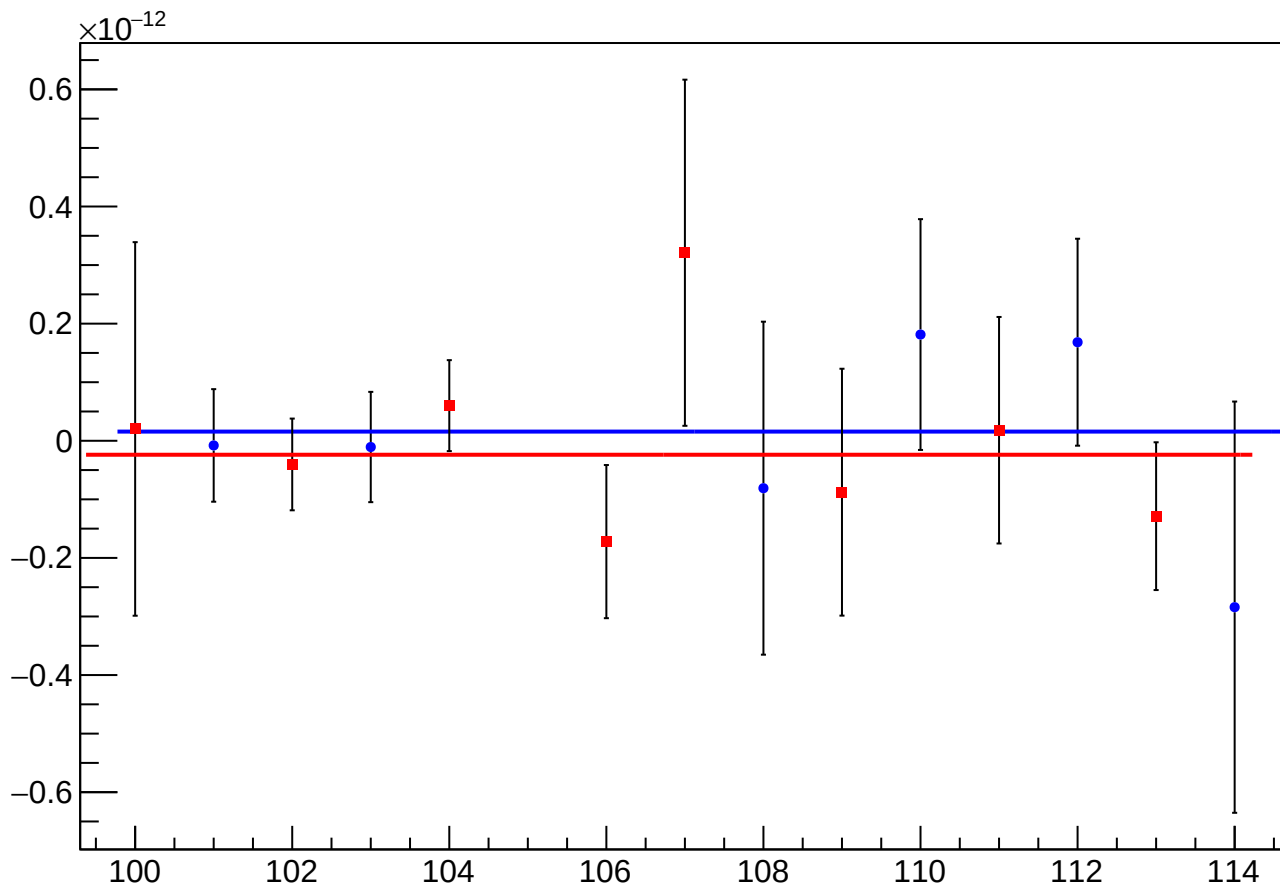
Right: 123.379+/-0.042 χ^2/NDF : 1896084.8/13

In: 127.501+/-0.062 χ^2/NDF : 770486.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.379+/-0.042 χ^2/NDF : 1896084.8/13

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

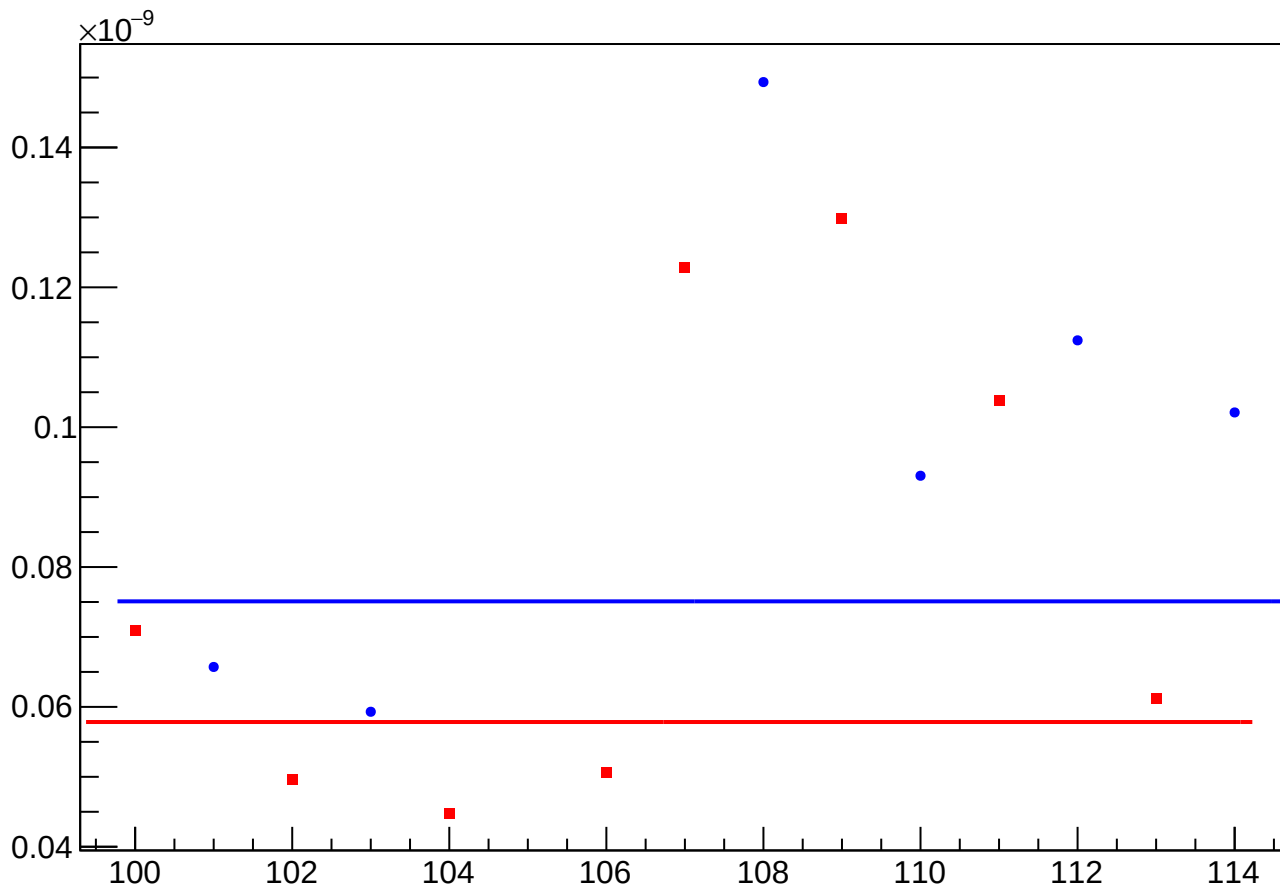
Right: -0.000+/-0.000 χ^2/NDF : 7.4/13

In: 0.000+/-0.000 χ^2/NDF : 2.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.4/13

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

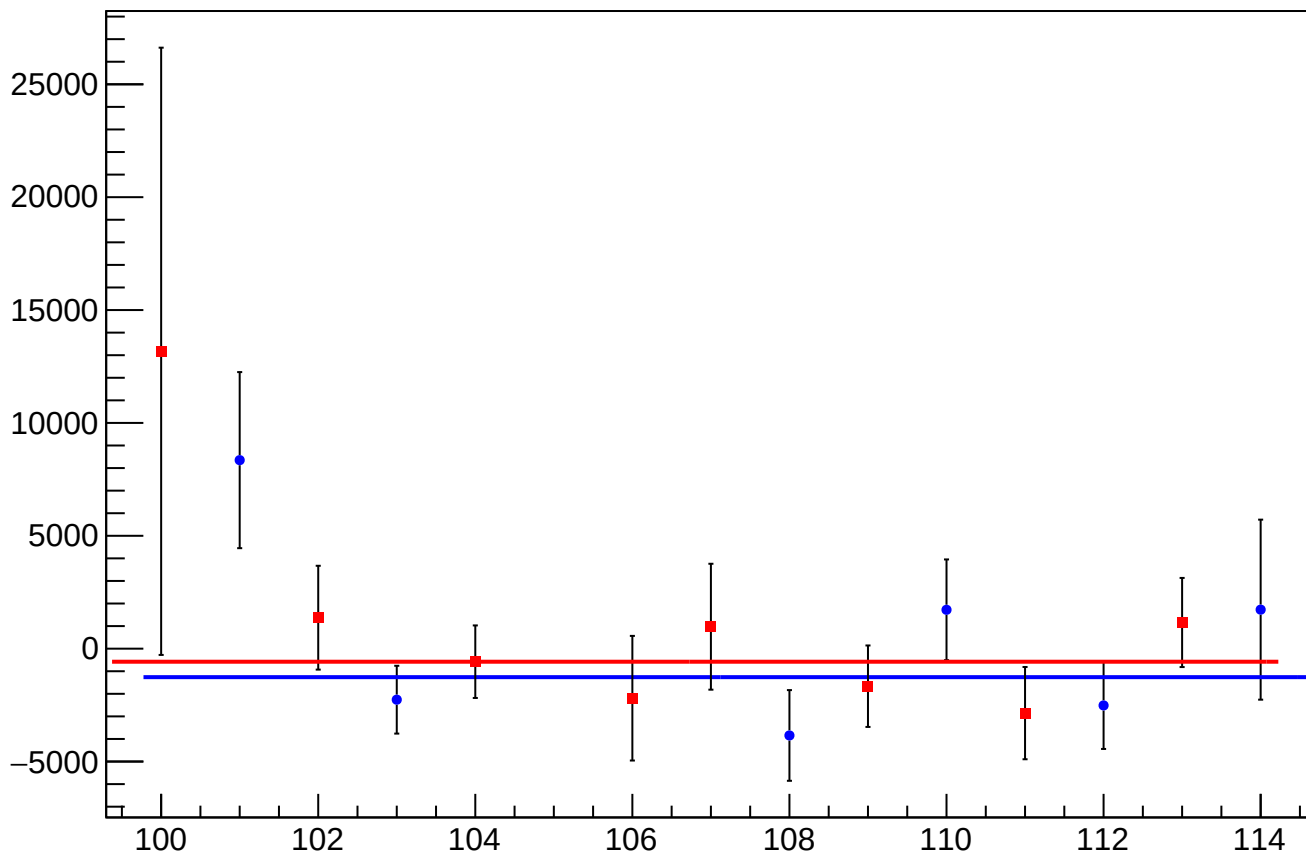
Right: 0.000+/-0.000 χ^2/NDF : 976258.4/13

In: 0.000+/-0.000 χ^2/NDF : 329486.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 976258.4/13

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

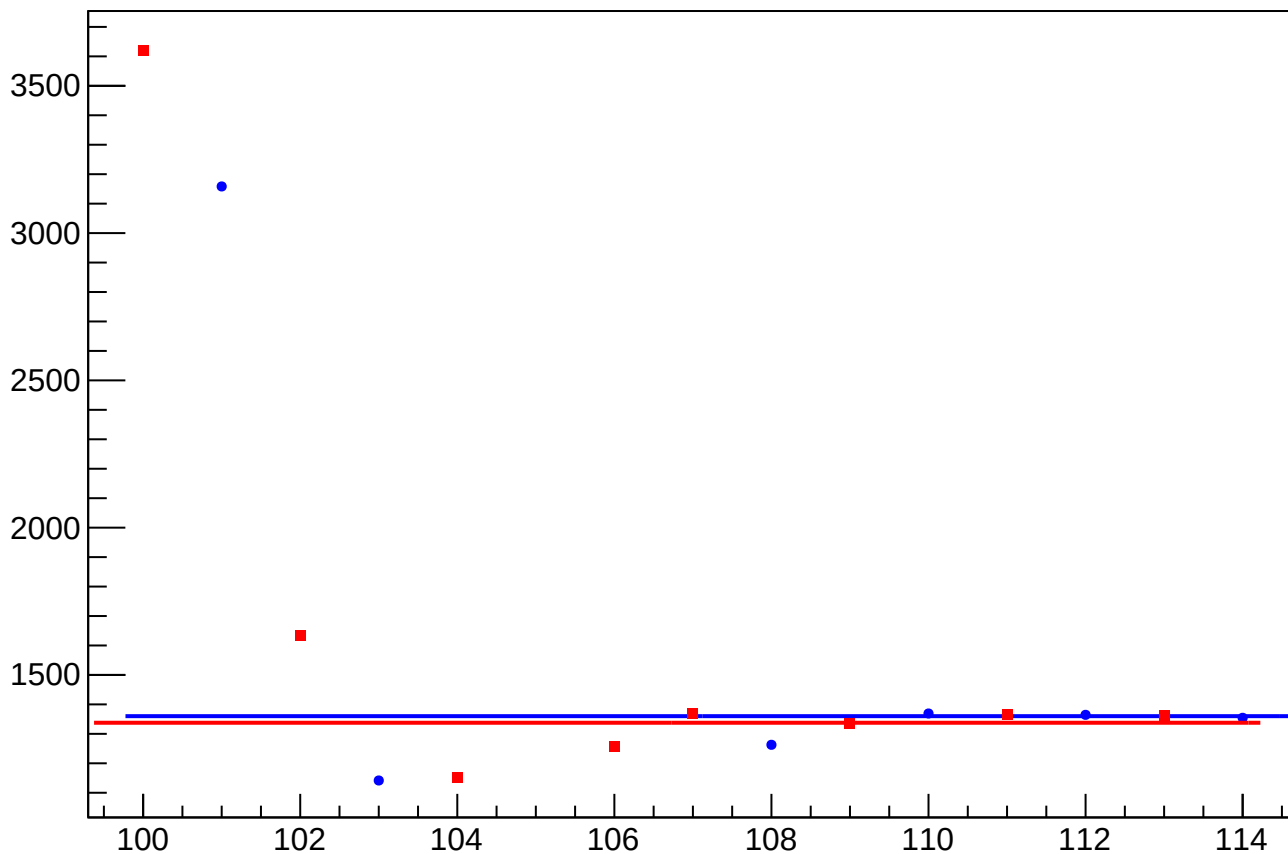
Right: -878.721+/-583.767 χ^2/NDF : 16.1/13

In: -1261.965+/-880.623 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.721+/-583.767 χ^2/NDF : 16.1/13

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

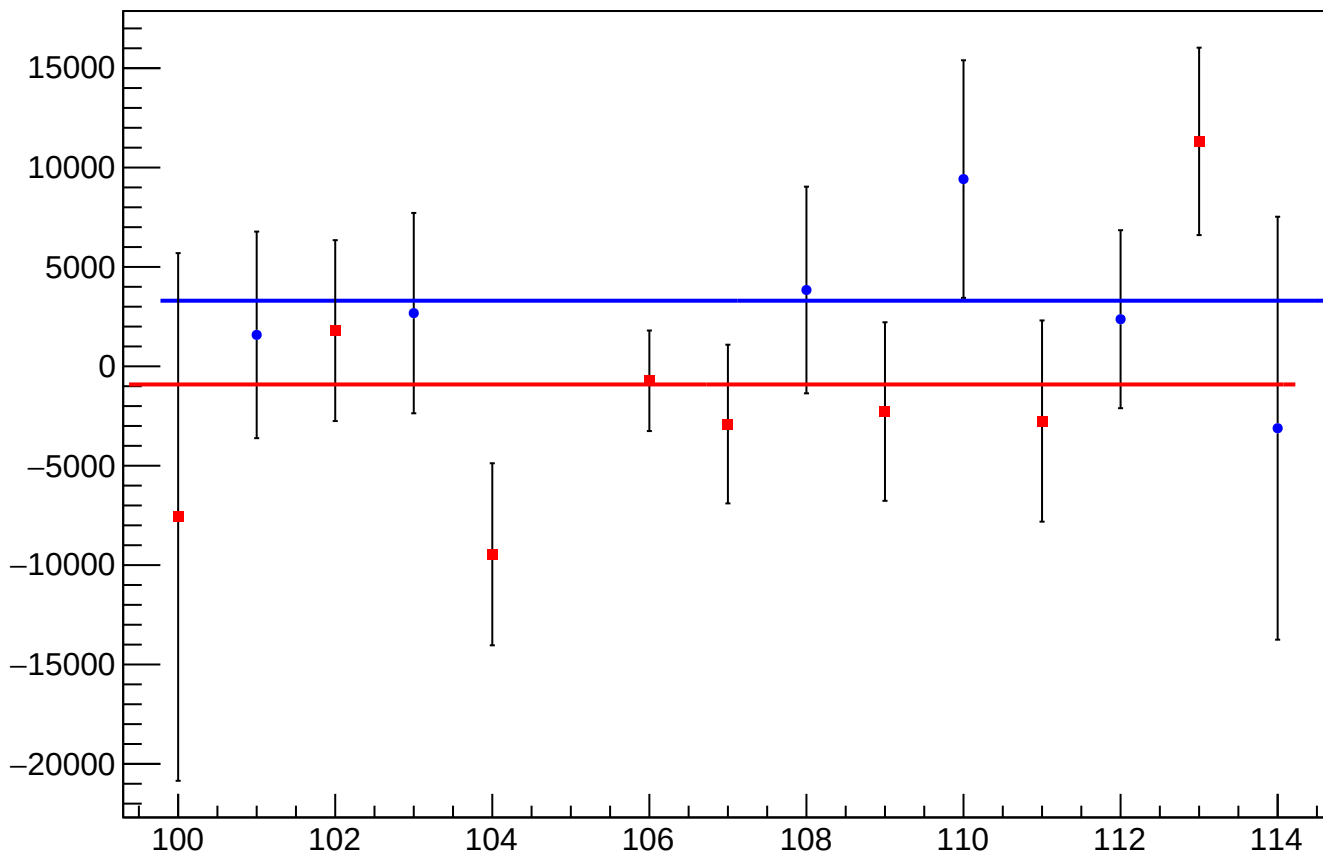
Right: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

In: 1360.030+/-0.623 χ^2/NDF : 472257.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 3300.817+/-2235.388 χ^2/NDF : 1.6/5

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

Right Out: -911.596+/-1483.479 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

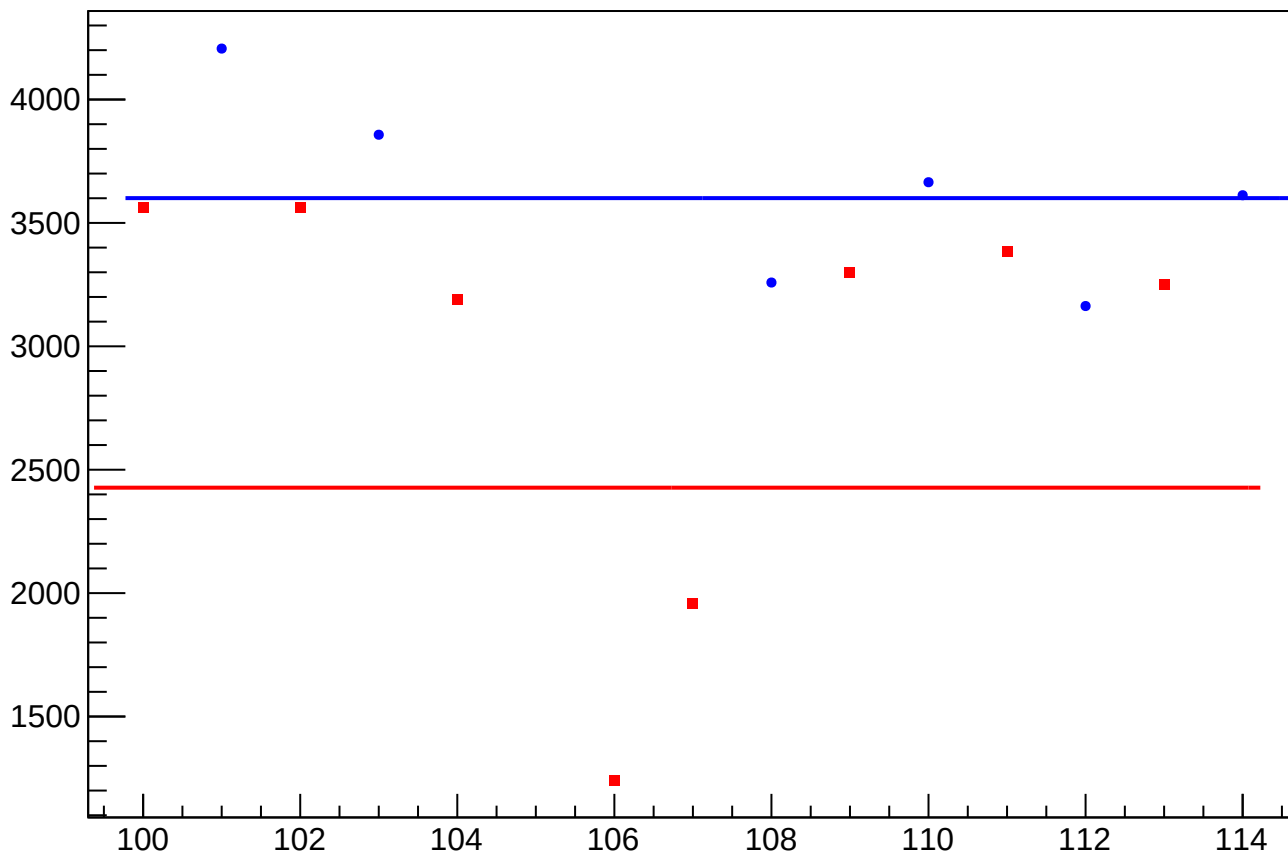
Right: 376.362+/-1236.057 χ^2/NDF : 15.4/13

In: 3300.817+/-2235.388 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.362+/-1236.057 χ^2/NDF : 15.4/13

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

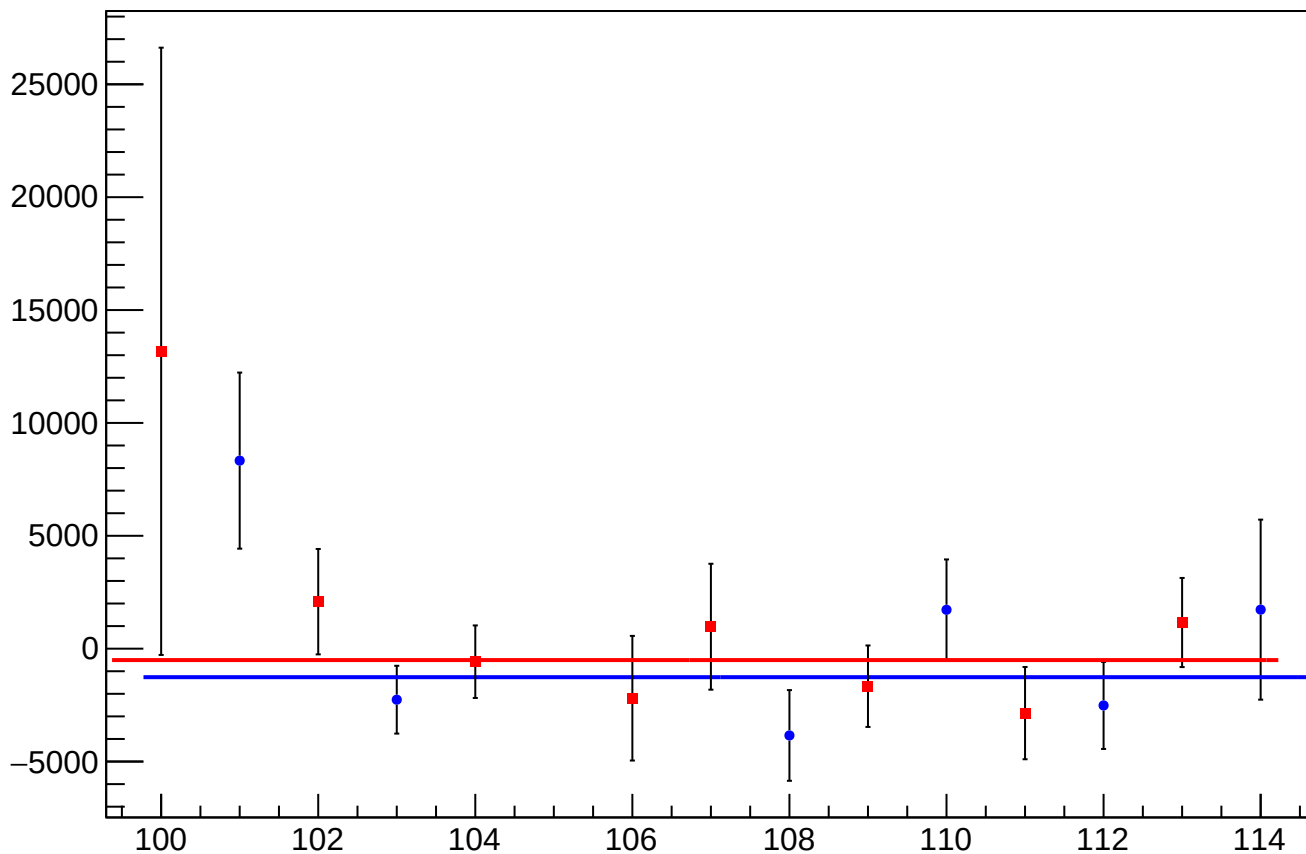
Right: 2785.980+/-0.874 χ^2/NDF : 1312069.1/13

In: 3600.475+/-1.581 χ^2/NDF : 60353.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2785.980+/-0.874 χ^2/NDF : 1312069.1/13

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

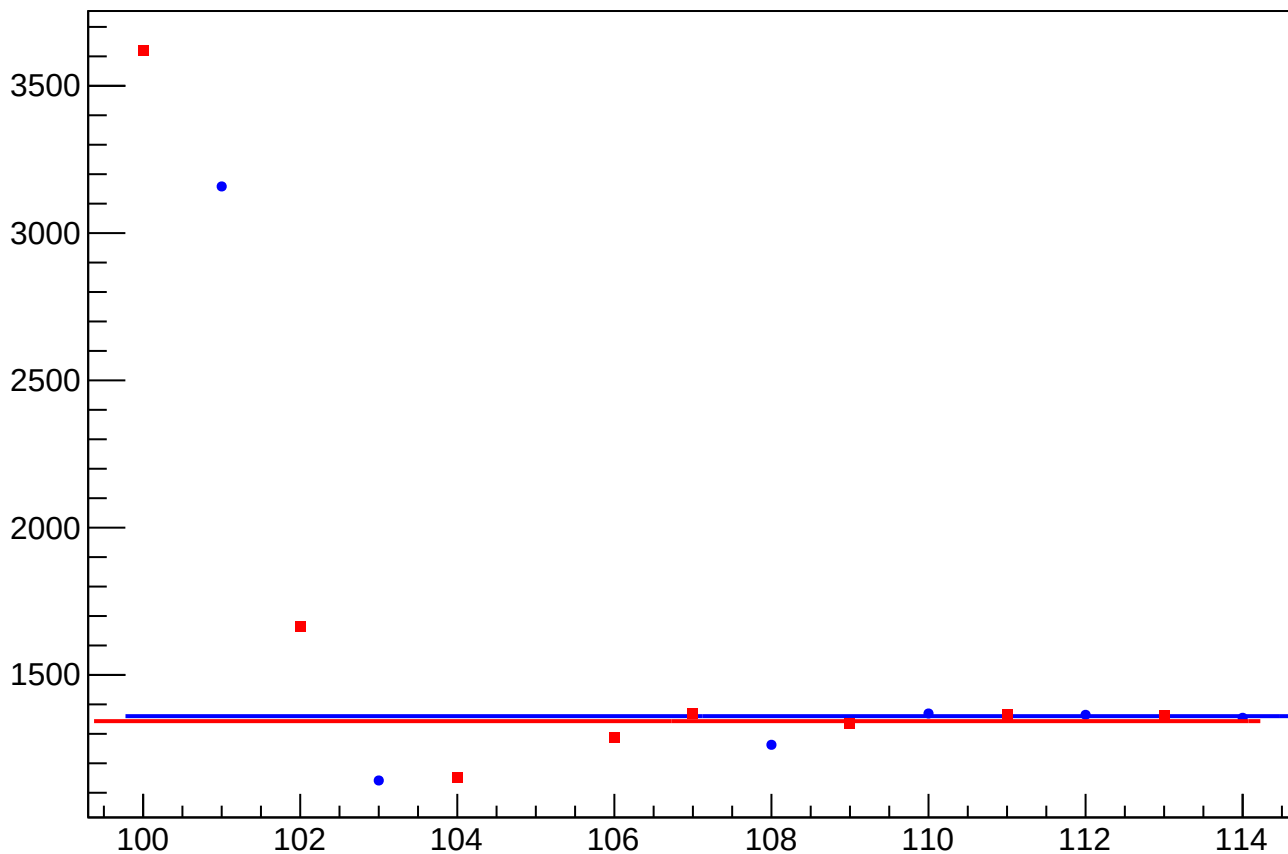
Right: -839.057+/-584.322 χ^2/NDF : 16.7/13

In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.057+/-584.322 χ^2/NDF : 16.7/13

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

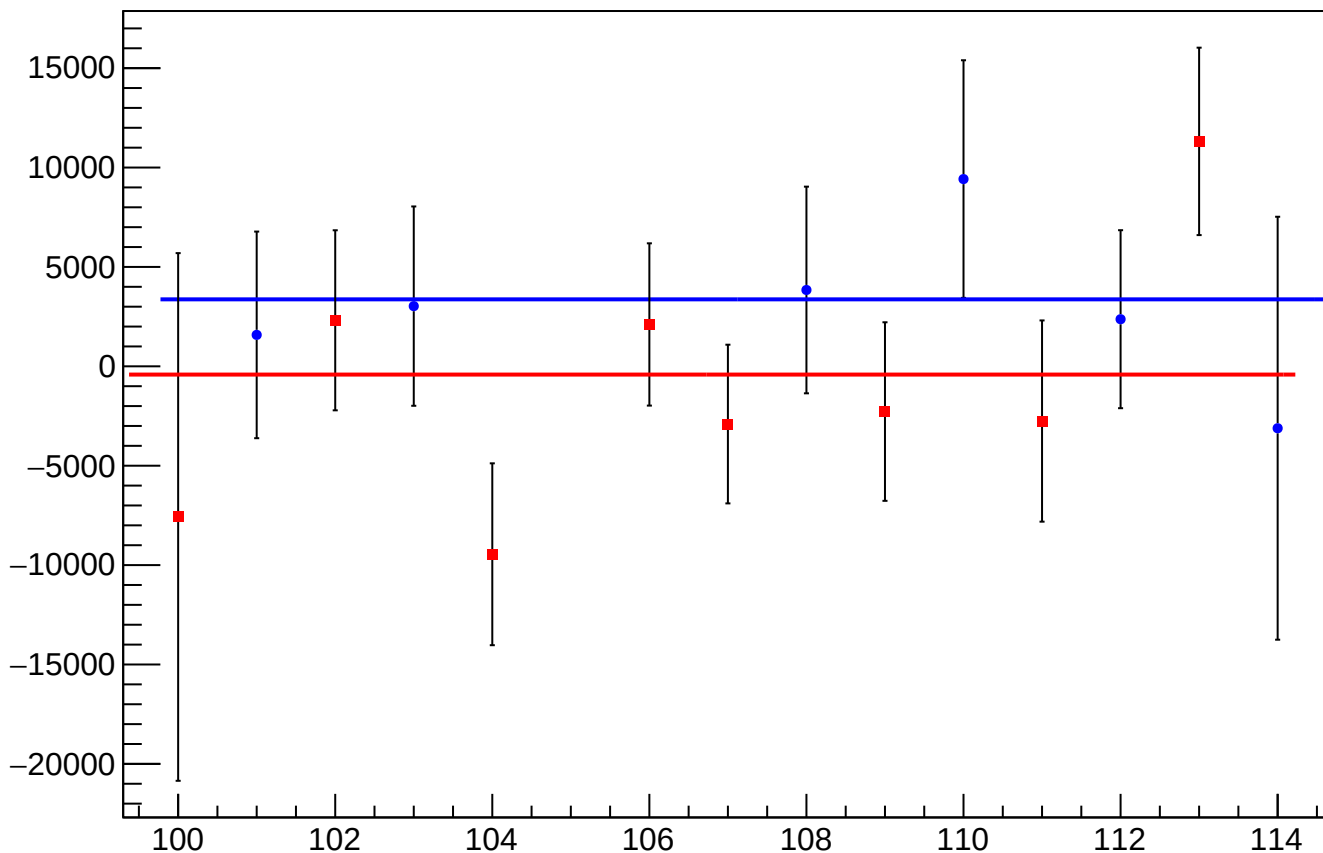
Right: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

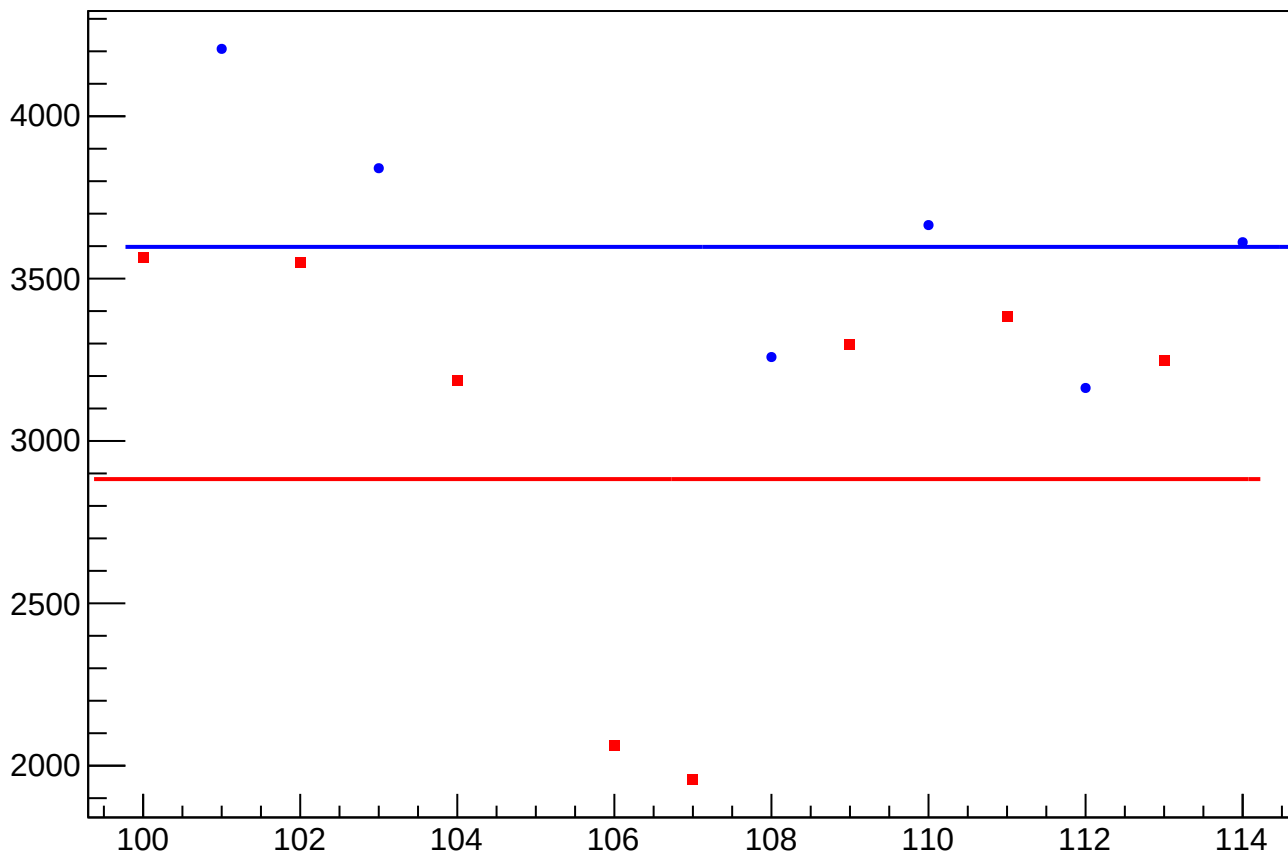
Right: 941.953+/-1337.378 χ^2/NDF : 15.3/13

In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.953+/-1337.378 χ^2/NDF : 15.3/13

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

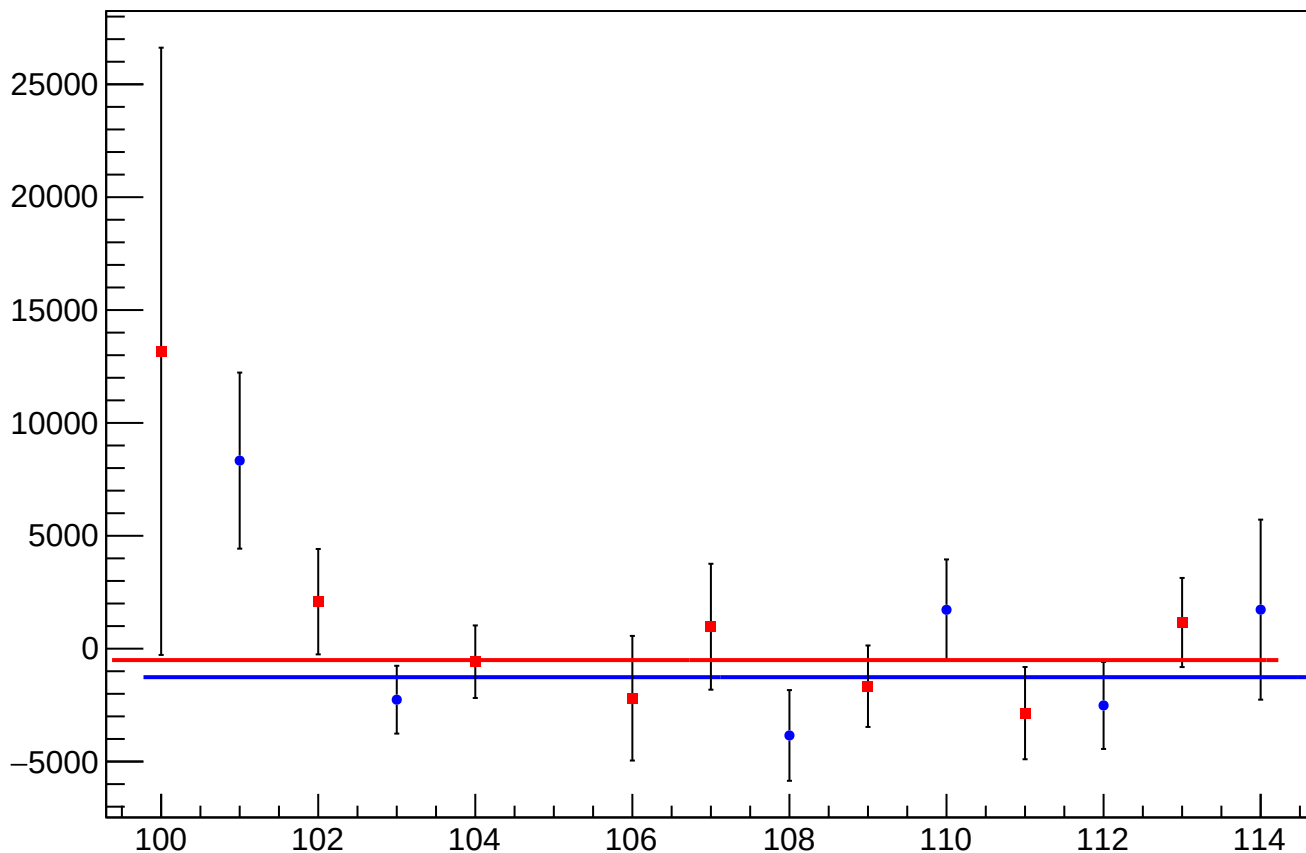
Right: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

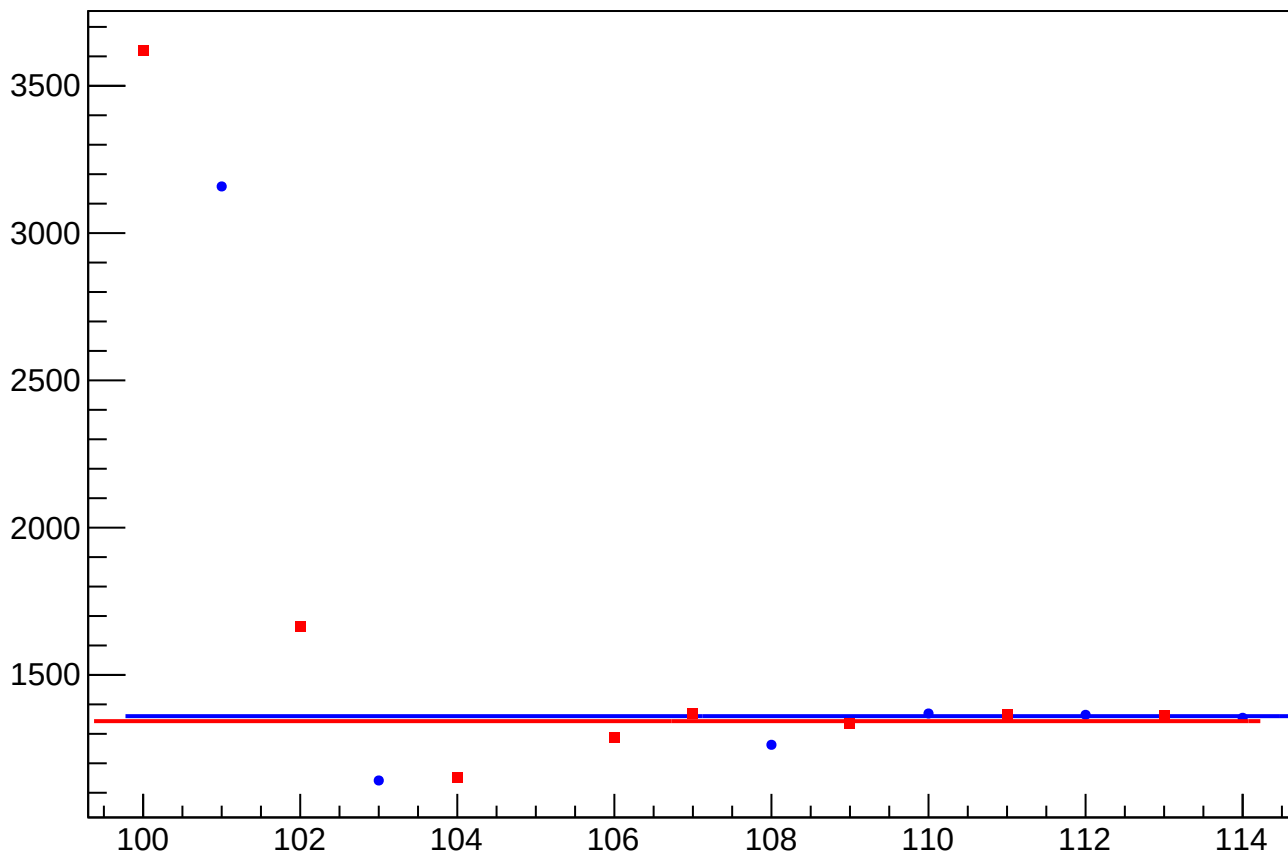
Right: -839.057+/-584.322 χ^2/NDF : 16.7/13

In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.057+/-584.322 χ^2/NDF : 16.7/13

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

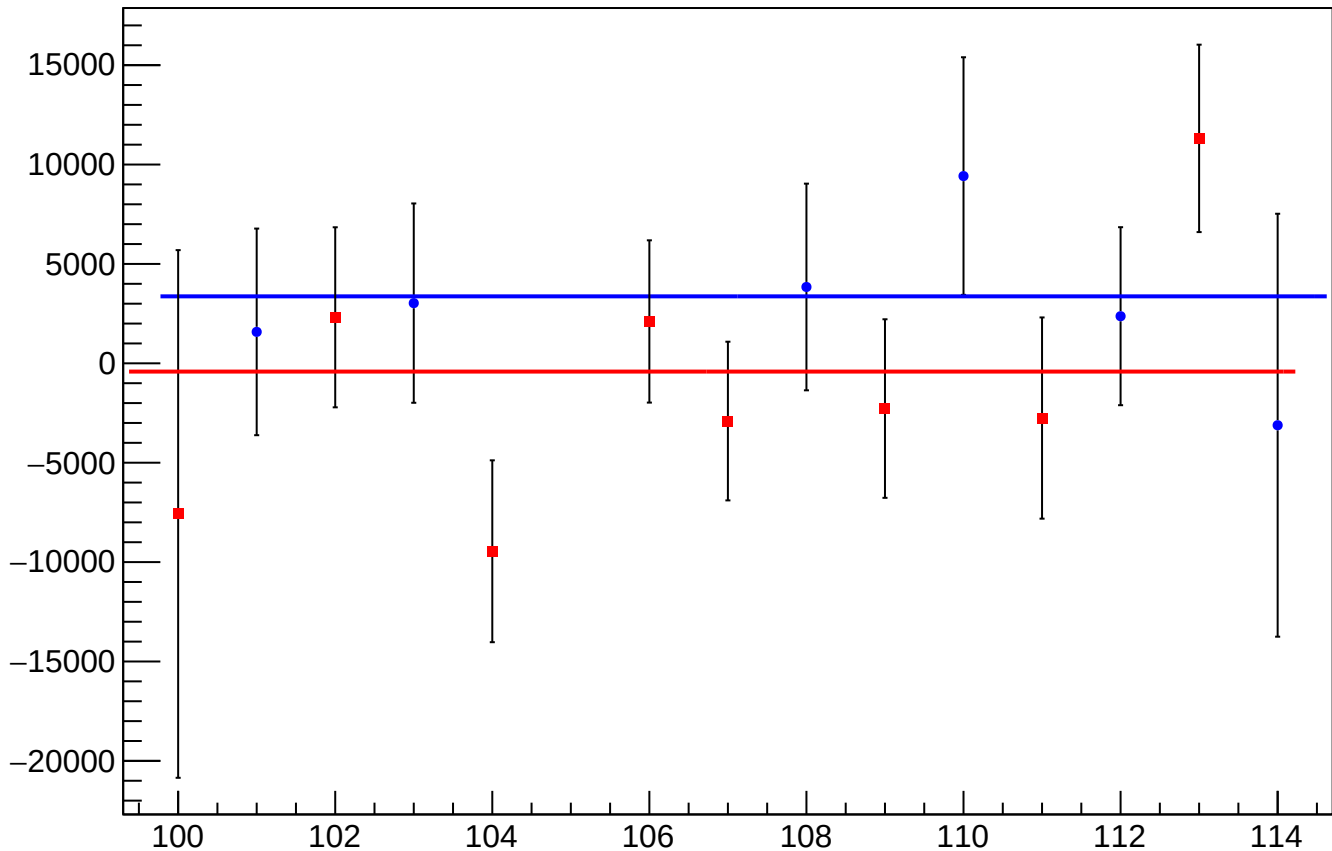
Right: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

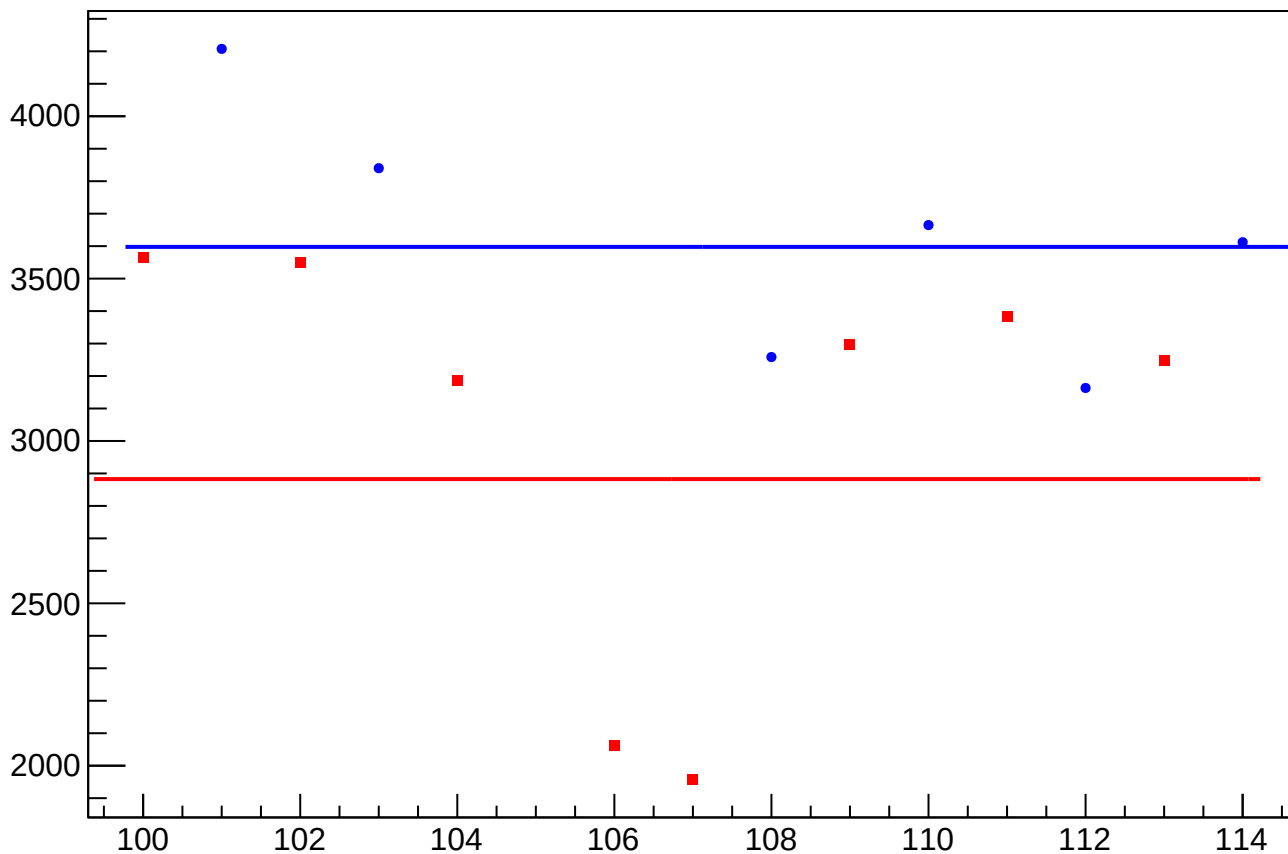
Right: 941.953+/-1337.378 χ^2/NDF : 15.3/13

In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.953+/-1337.378 χ^2/NDF : 15.3/13

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

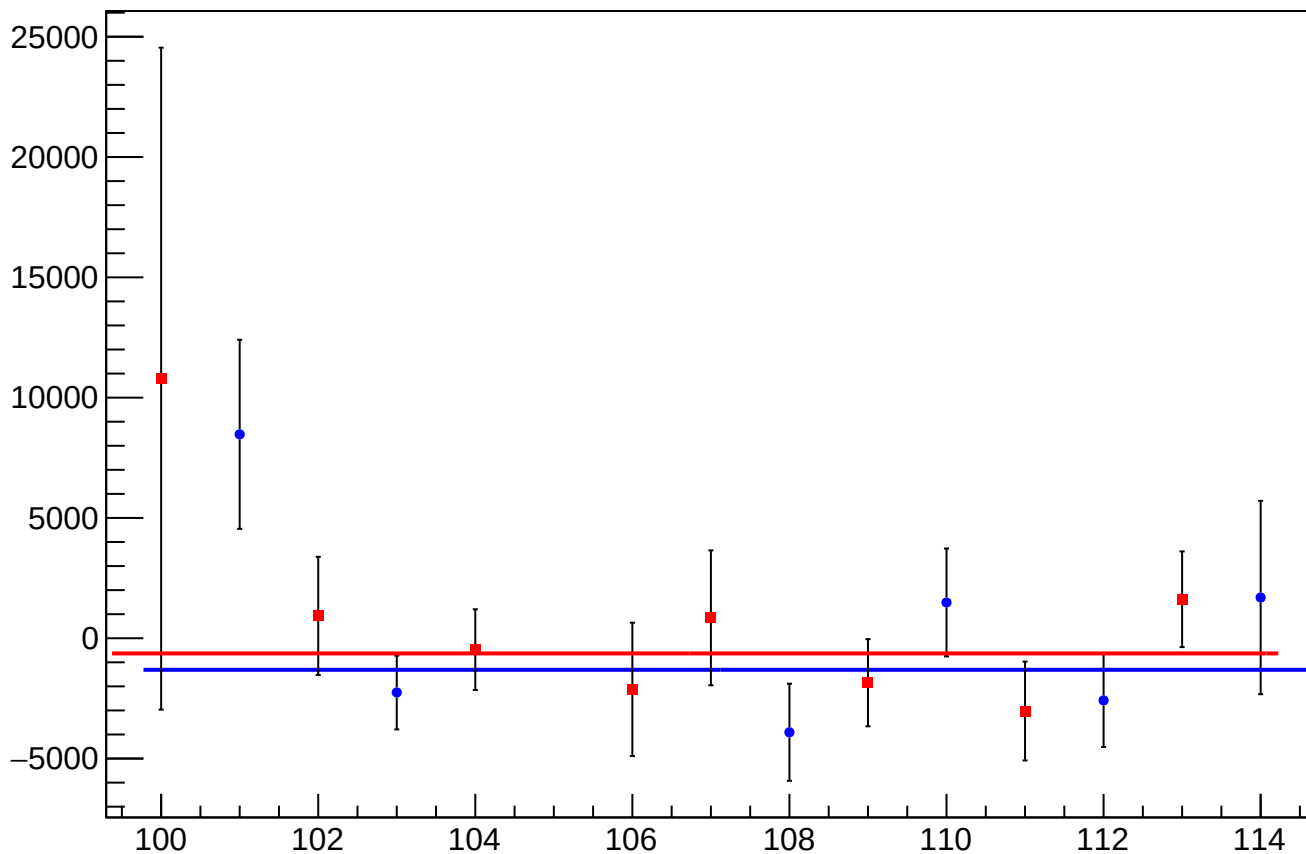
Right: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1311.104+/-890.196 χ^2/NDF : 10.8/5

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

Right Out: -630.333+/-795.893 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

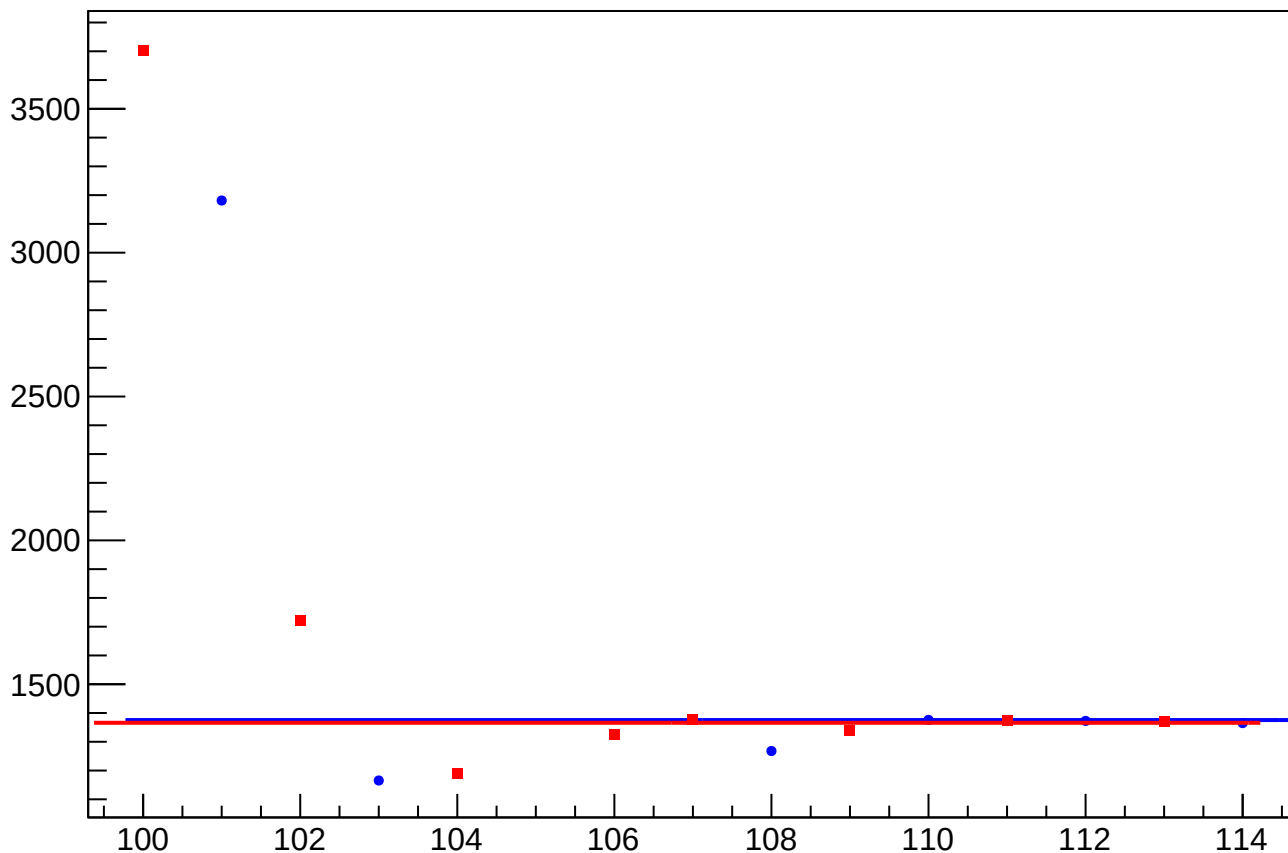
Right: -932.762+/-593.330 χ^2/NDF : 15.9/13

In: -1311.104+/-890.196 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -932.762+/-593.330 χ^2/NDF : 15.9/13

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

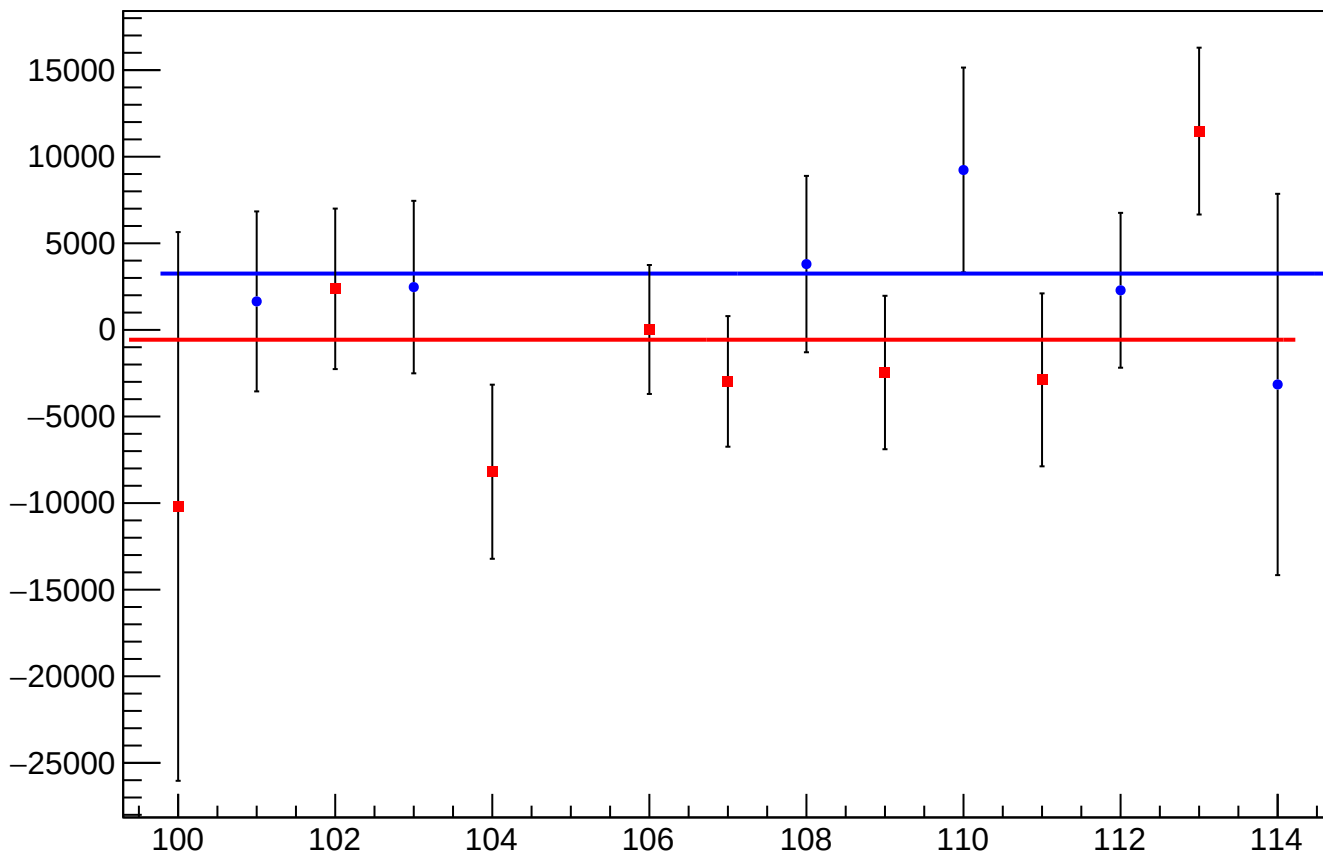
Right: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

In: 1375.457+/-0.629 χ^2/NDF : 465638.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

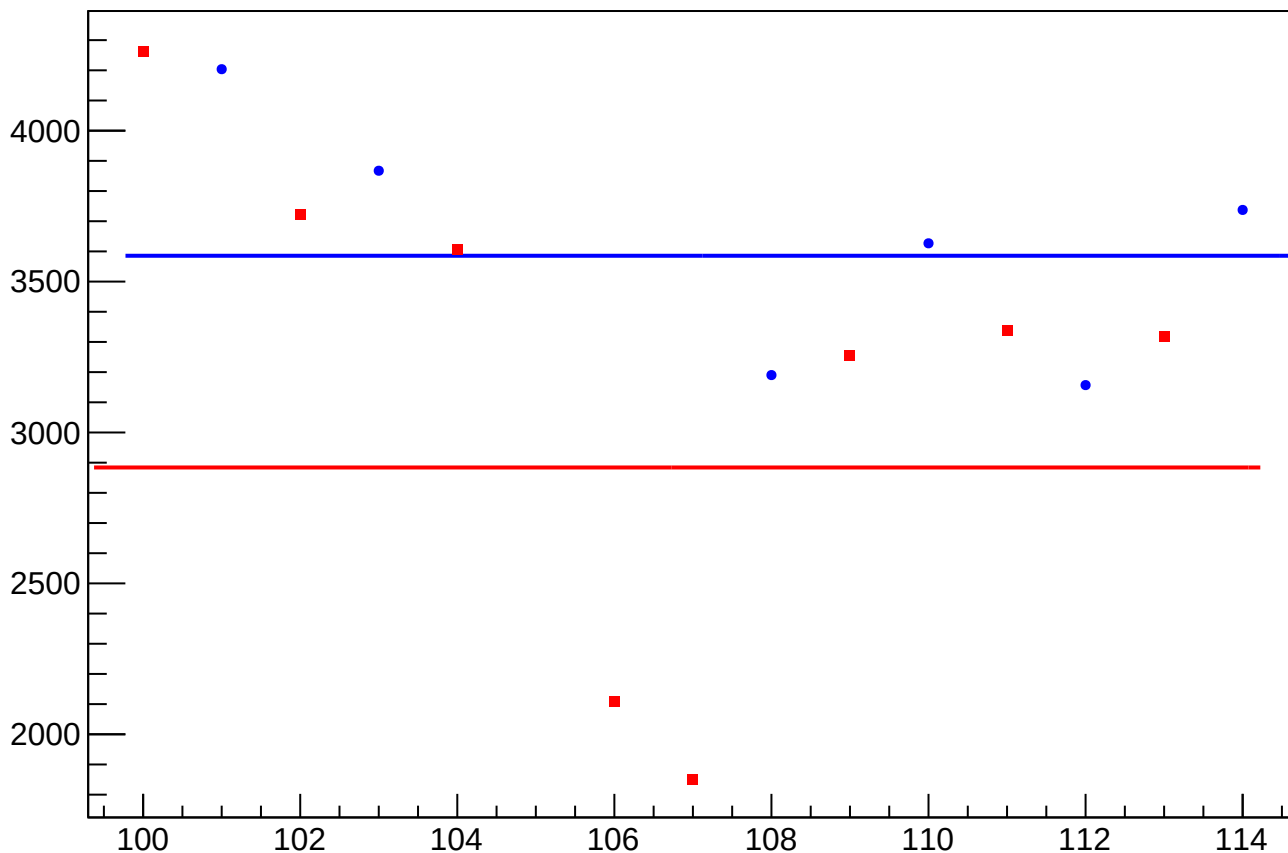
Right: 792.554+/-1325.041 χ^2/NDF : 13.6/13

In: 3252.026+/-2220.632 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.554+/-1325.041 χ^2/NDF : 13.6/13

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

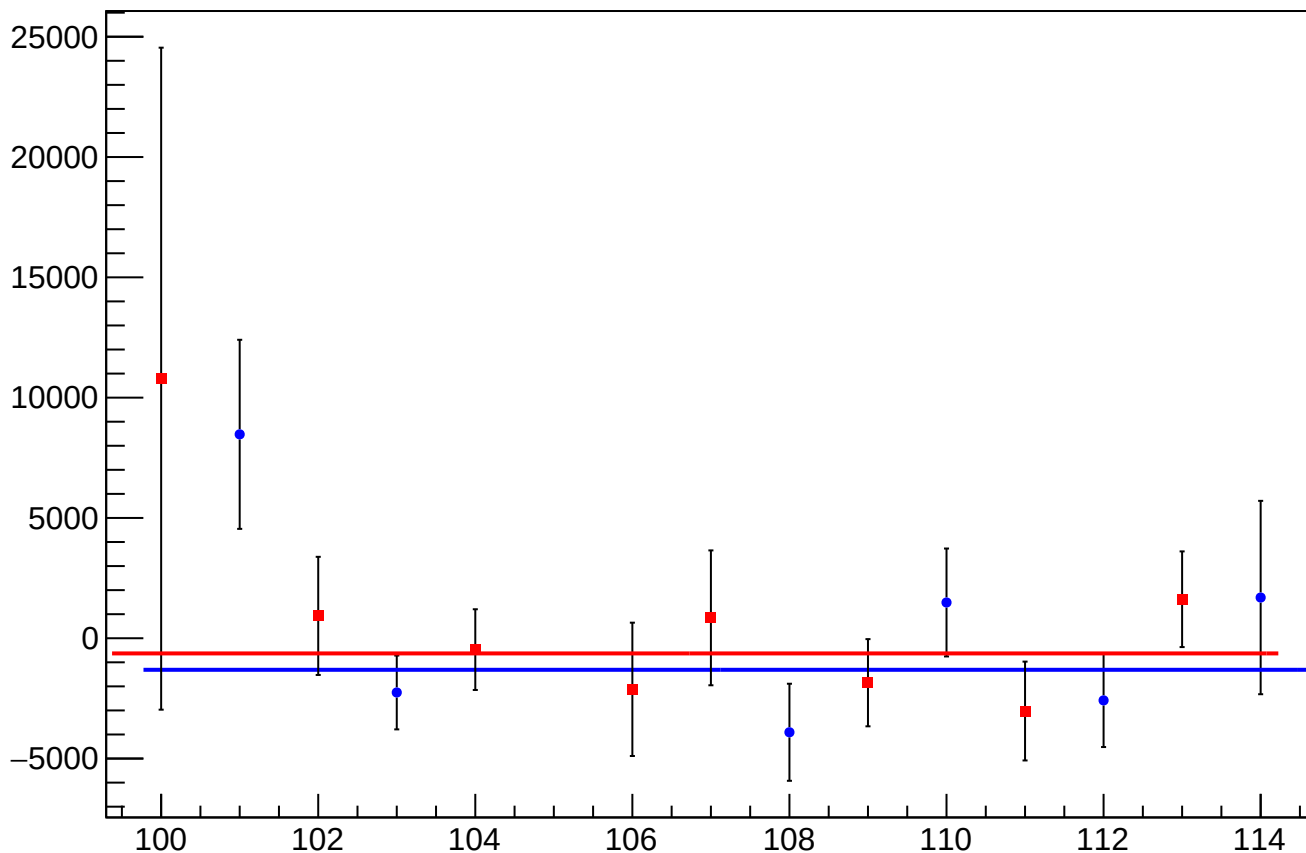
Right: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

In: 3585.578+/-1.570 χ^2/NDF : 65617.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1311.111+/-890.196 χ^2/NDF : 10.8/5

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

Right Out: -630.343+/-795.893 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

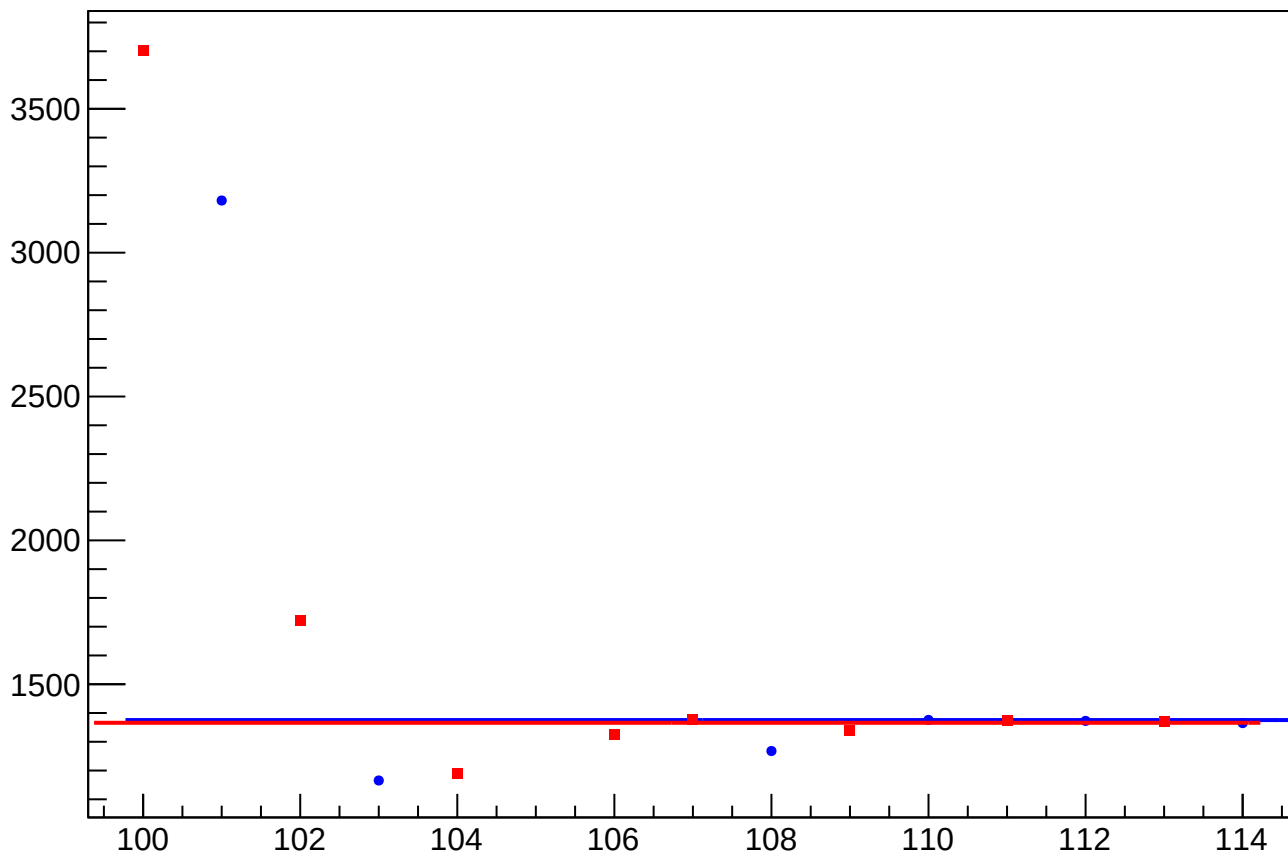
Right: -932.770+/-593.330 χ^2/NDF : 15.9/13

In: -1311.111+/-890.196 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -932.770+/-593.330 χ^2/NDF : 15.9/13

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1375.457+/-0.629 χ^2/NDF : 465639.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

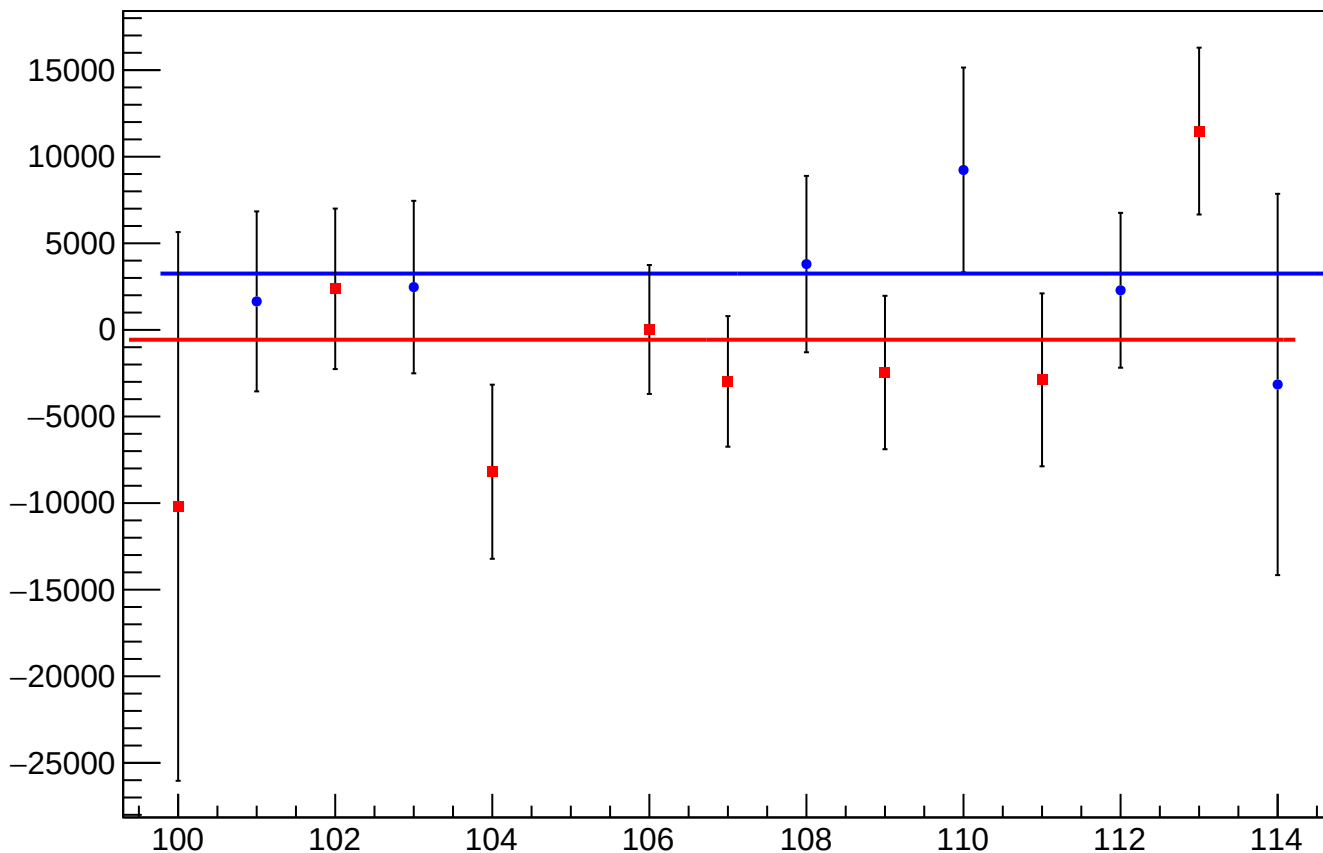
Right: 1370.187+/-0.419 χ^2/NDF : 588253.1/13

In: 1375.457+/-0.629 χ^2/NDF : 465639.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.1/13

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

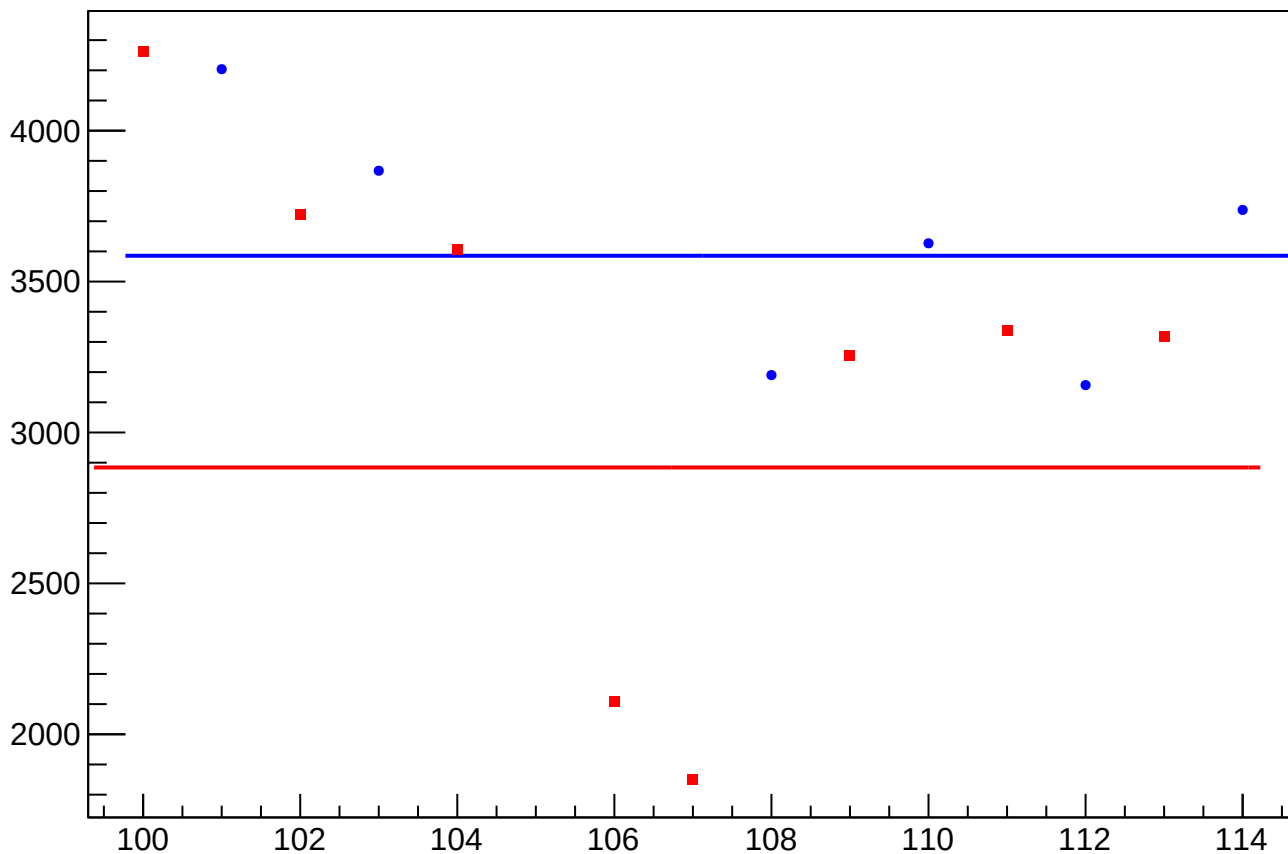
Right: 792.550+/-1325.039 χ^2/NDF : 13.6/13

In: 3252.024+/-2220.628 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.550+/-1325.039 χ^2/NDF : 13.6/13

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3585.572+/-1.570 χ^2/NDF : 65618.8/5

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

Right Out: 2884.060+/-1.168 χ^2/NDF : 406310.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

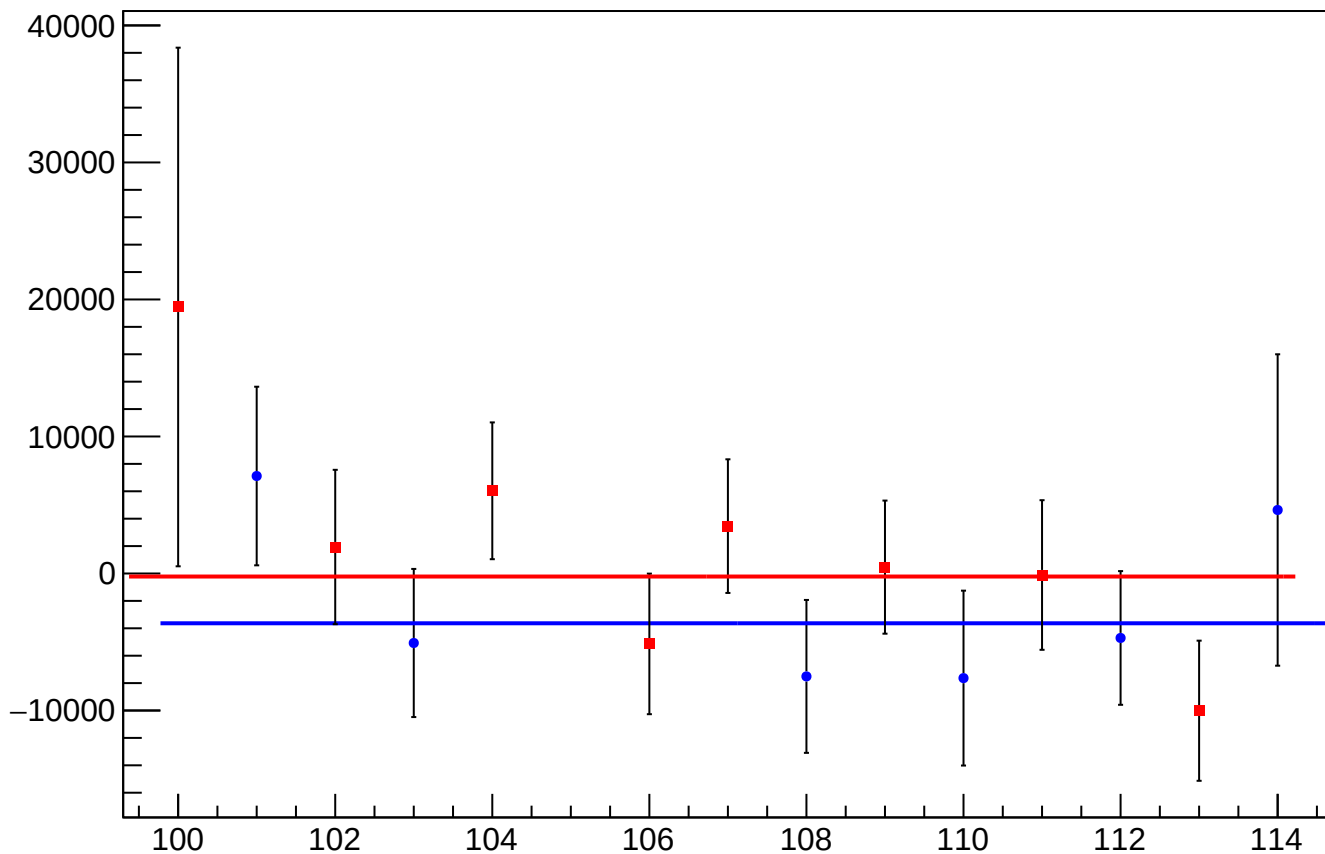
Right: 3133.831+/-0.937 χ^2/NDF : 600458.9/13

In: 3585.572+/-1.570 χ^2/NDF : 65618.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.831+/-0.937 χ^2/NDF : 600458.9/13

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

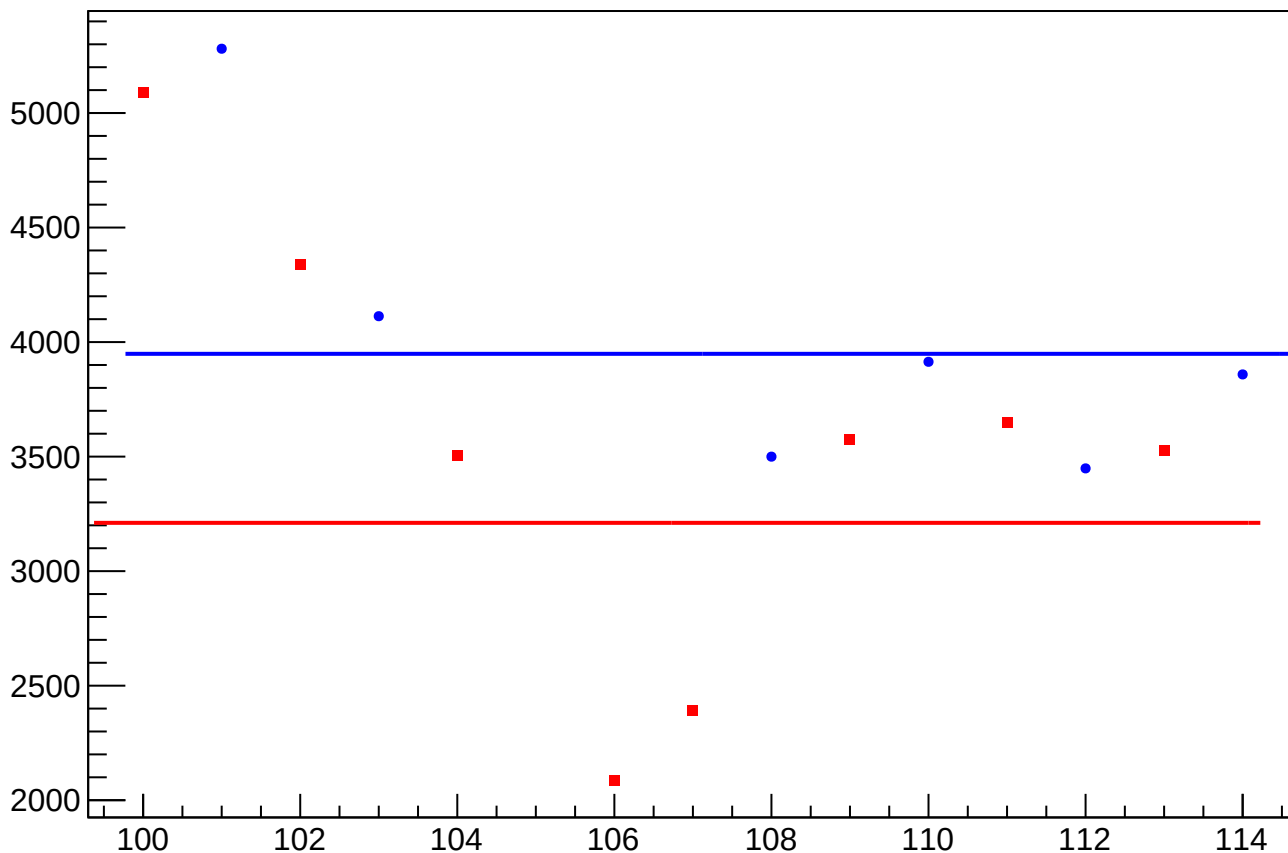
Right: -1515.860+/-1519.956 χ^2/NDF : 13.4/13

In: -3633.662+/-2467.984 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1515.860+/-1519.956 χ^2/NDF : 13.4/13

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

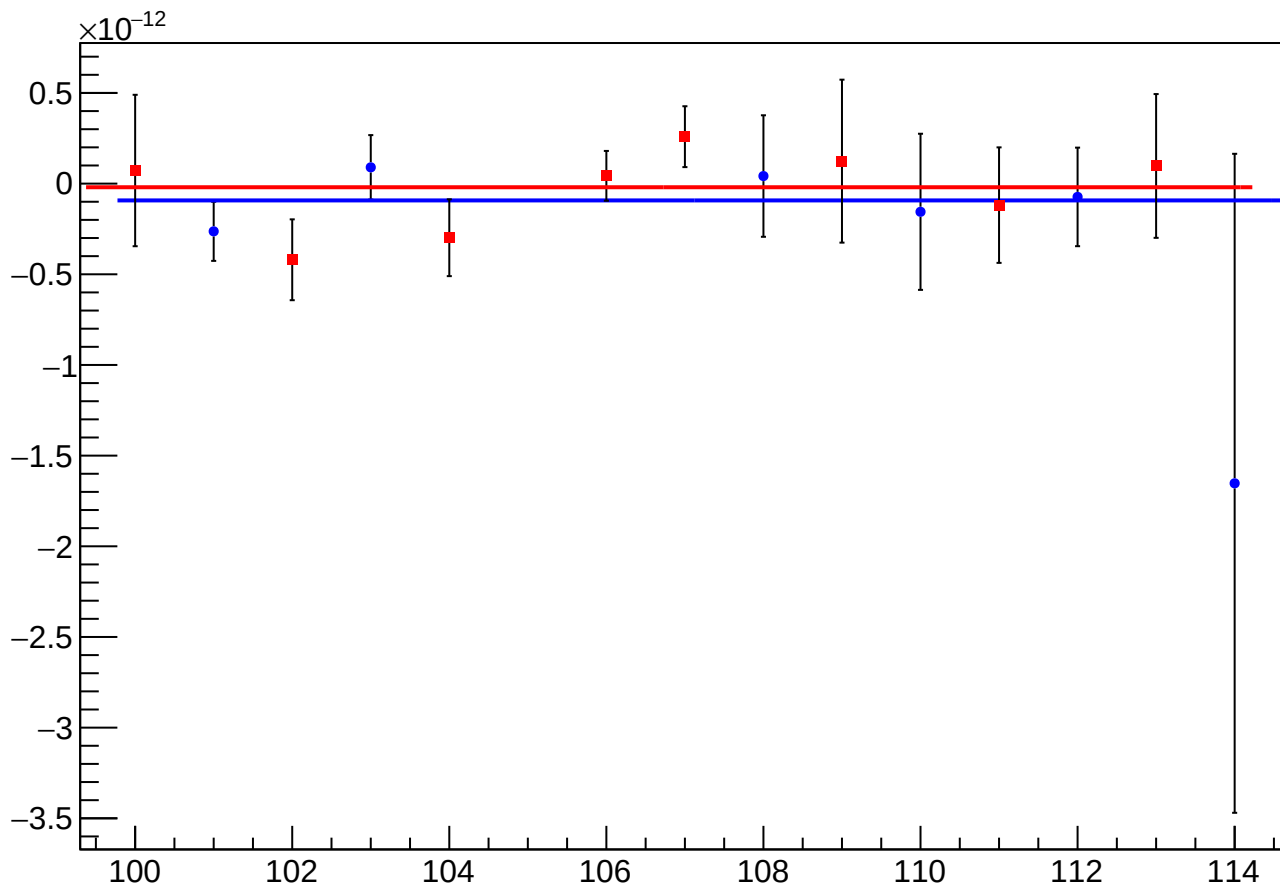
Right: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

In: 3948.725+/-1.745 χ^2/NDF : 119507.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

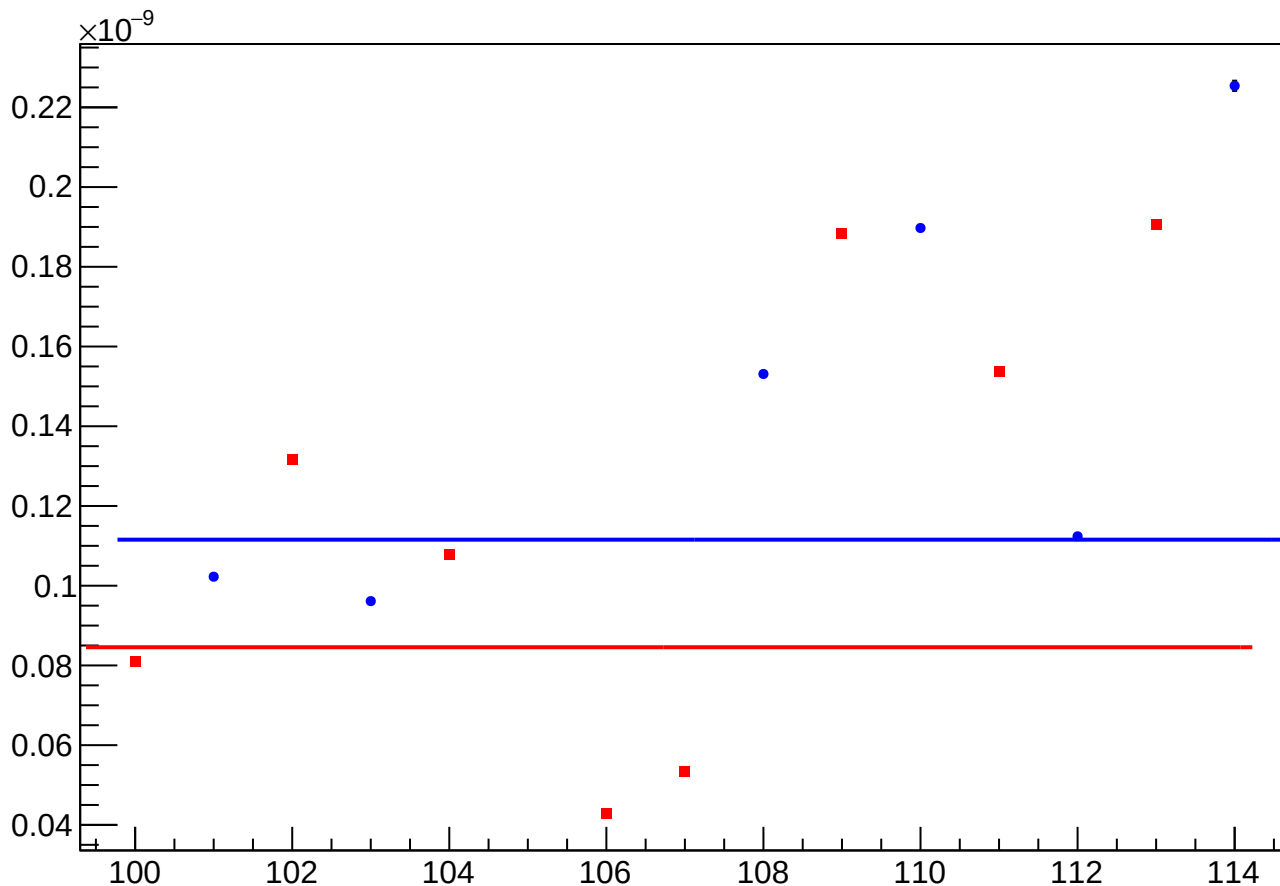
Right: -0.000+/-0.000 χ^2 /NDF: 11.6/13

In: -0.000+/-0.000 χ^2 /NDF:3.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/13

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

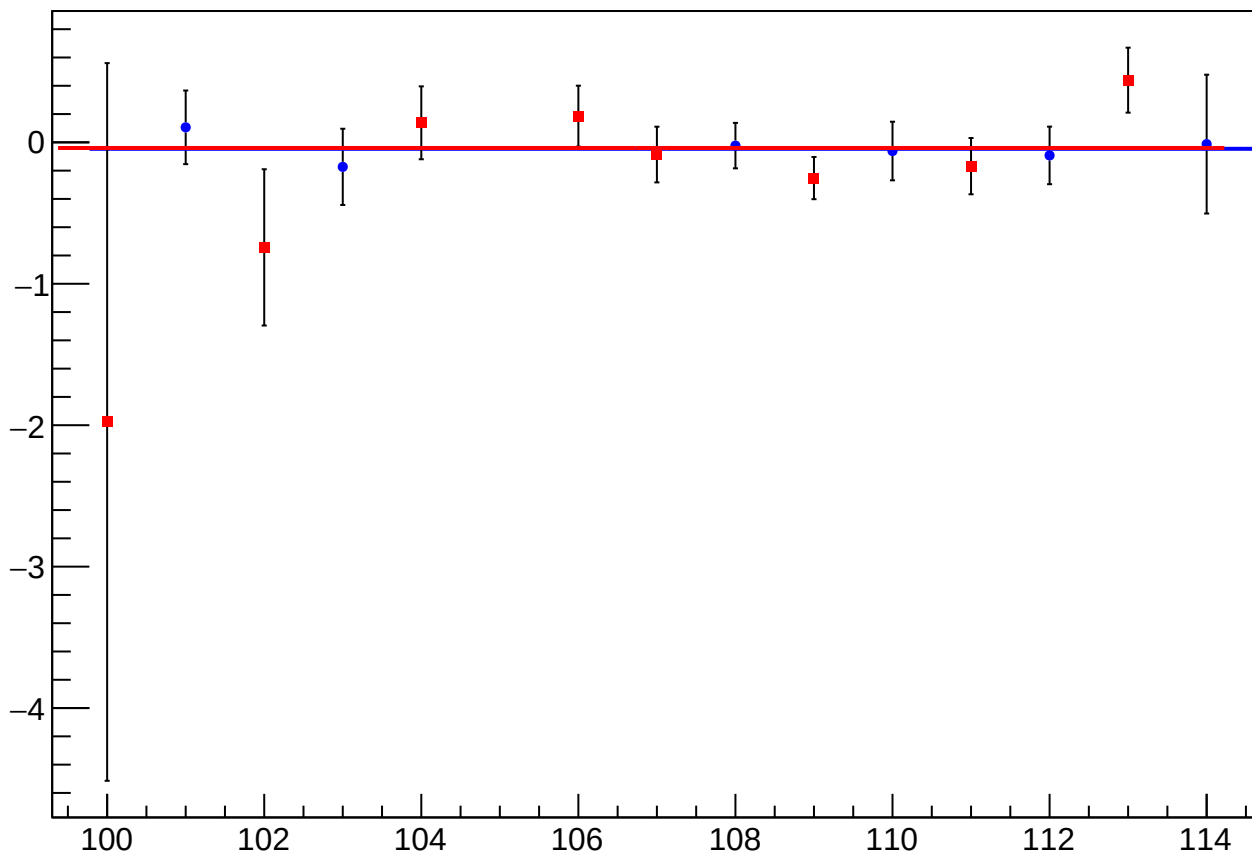
Right: 0.000+/-0.000 χ^2/NDF : 924478.5/13

In: 0.000+/-0.000 χ^2/NDF : 126180.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 924478.5/13

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

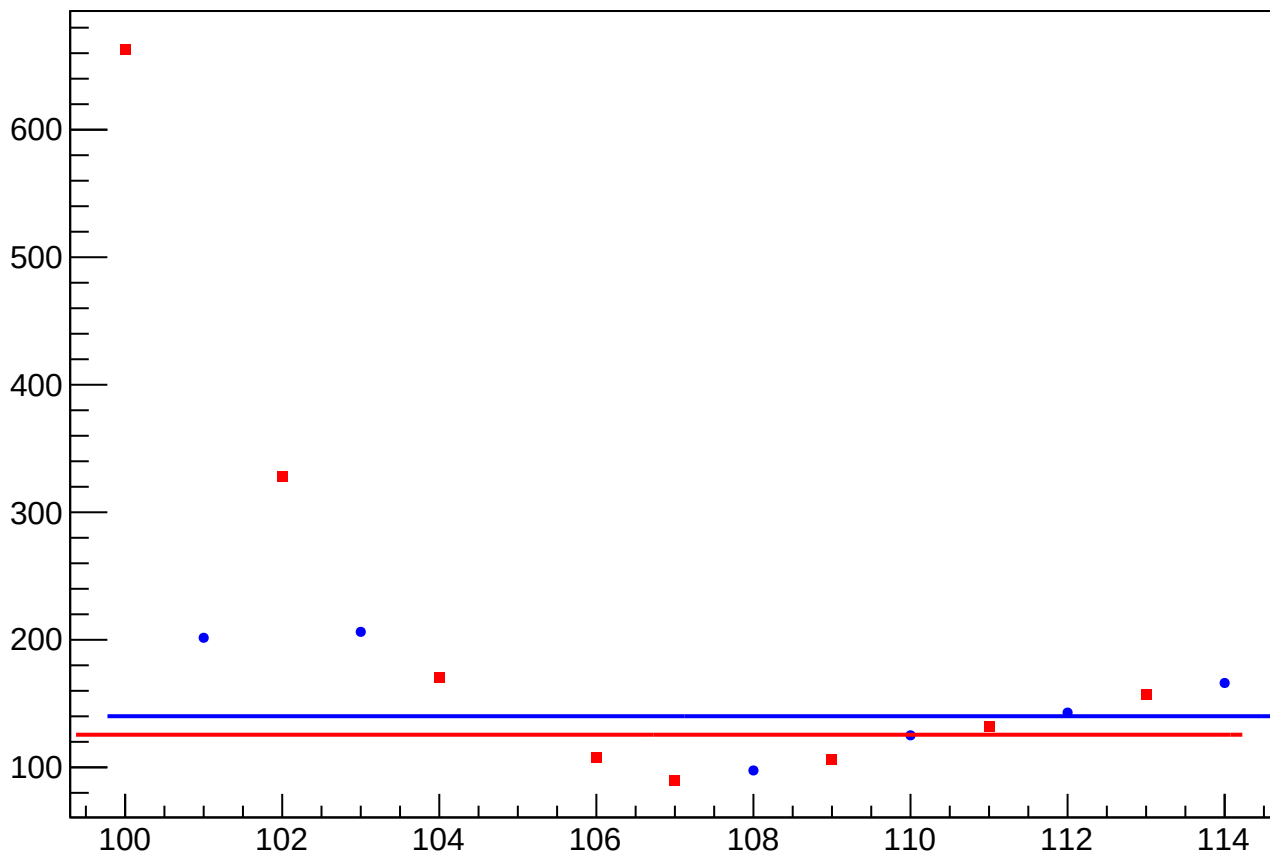
Right: -0.042 ± 0.060 $\chi^2/\text{NDF}: 11.3/13$

In: -0.046 ± 0.092 $\chi^2/\text{NDF}: 0.6/5$

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

All: -0.042 ± 0.060 $\chi^2/\text{NDF}: 11.3/13$

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

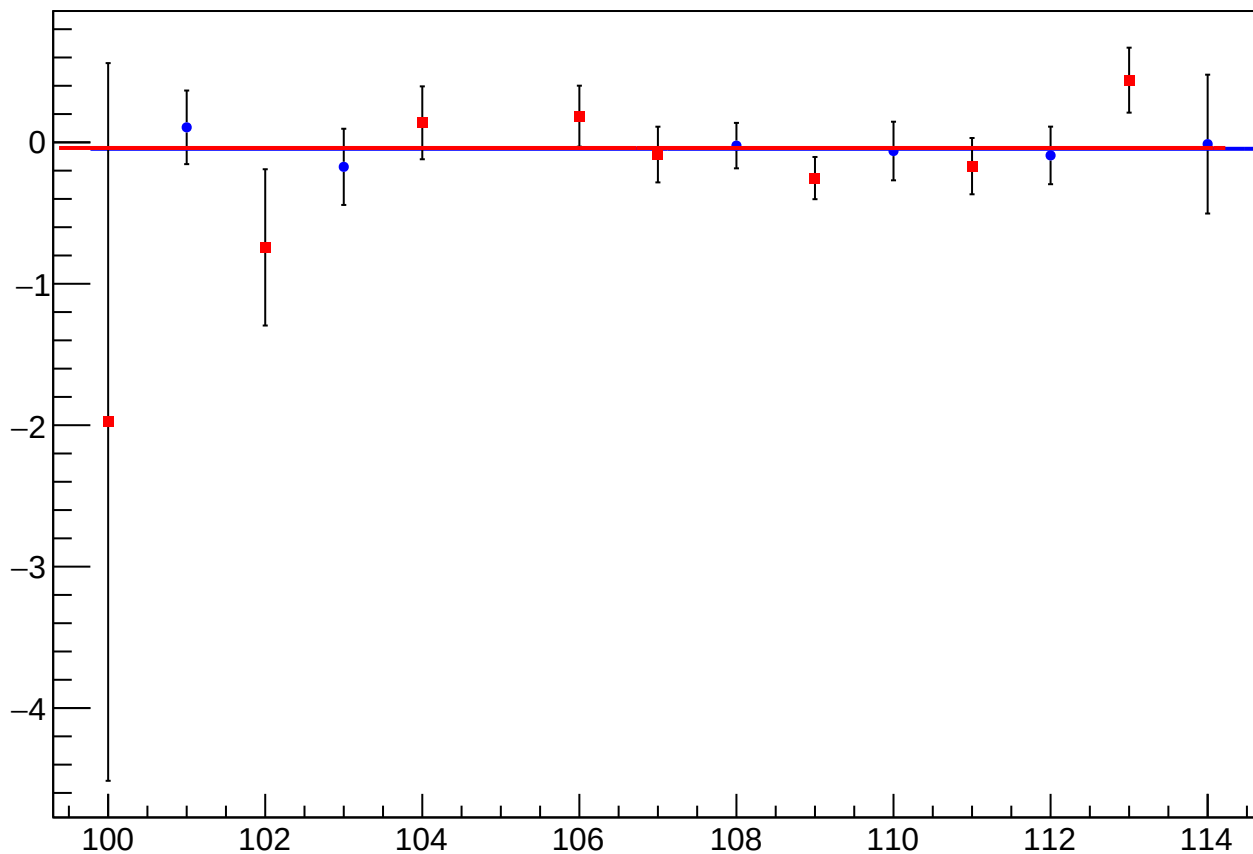
Right: 131.877+/-0.043 χ^2/NDF : 990196.8/13

In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

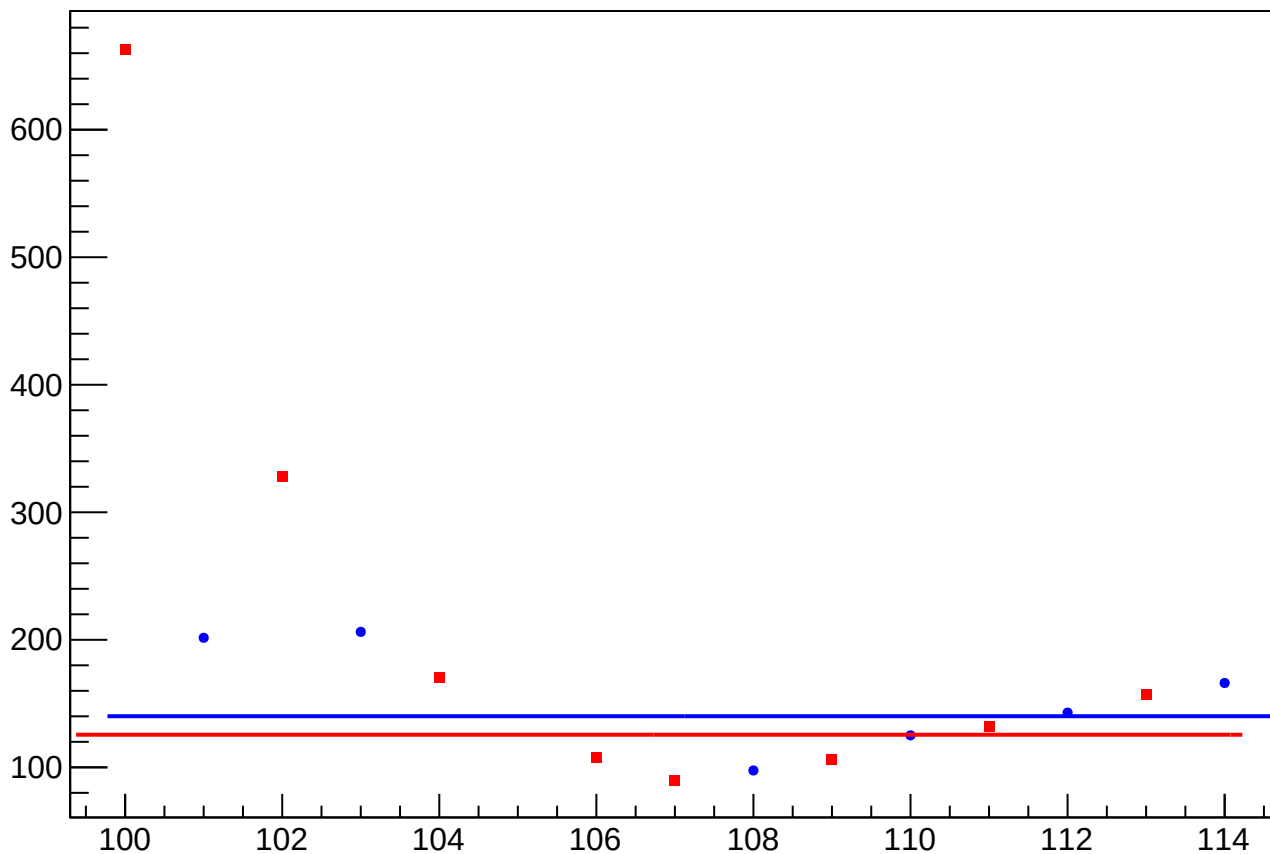
Right: -0.042+/-0.060 χ^2/NDF : 11.3/13

In: -0.046+/-0.092 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.060 χ^2/NDF : 11.3/13

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

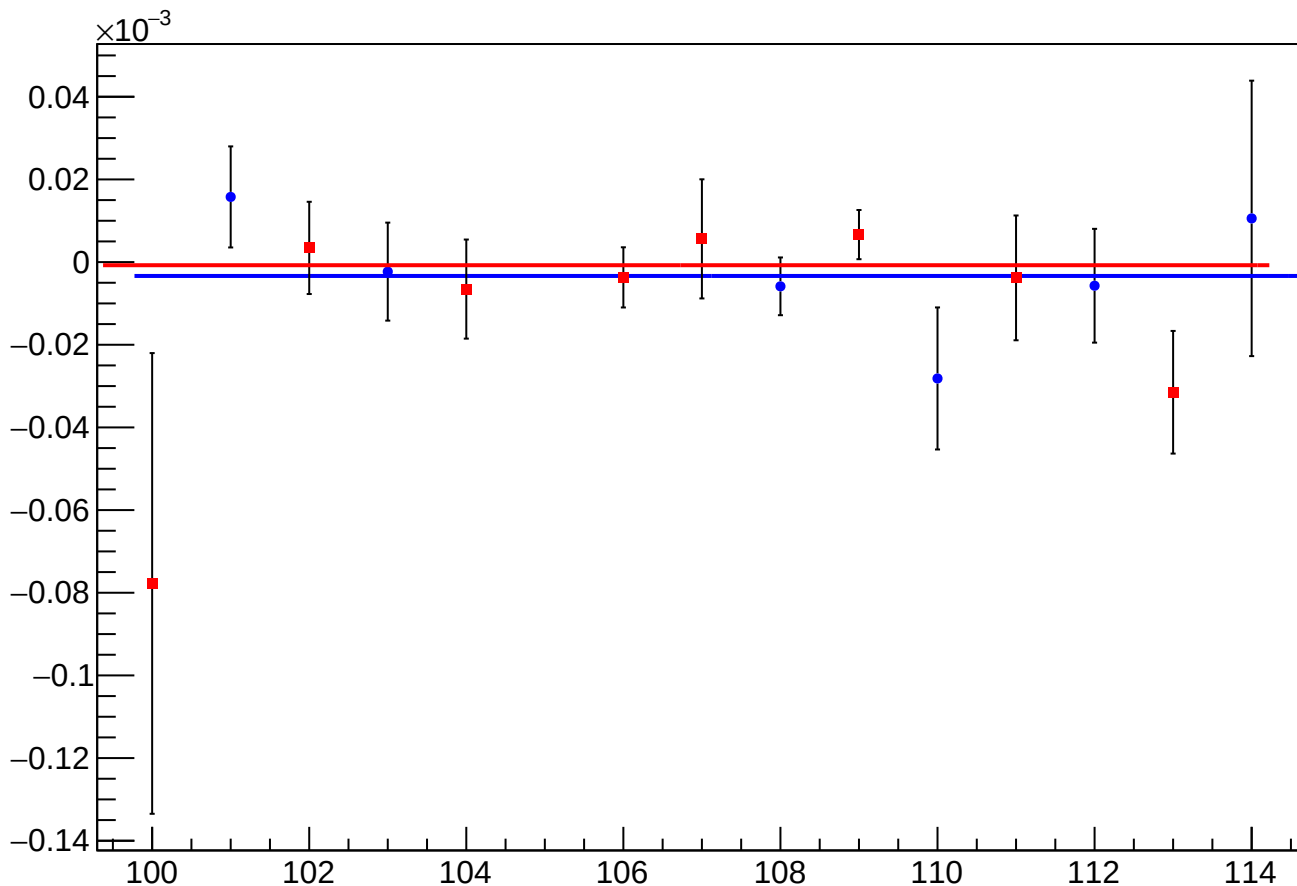
Right: 131.877+/-0.043 χ^2/NDF : 990196.8/13

In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

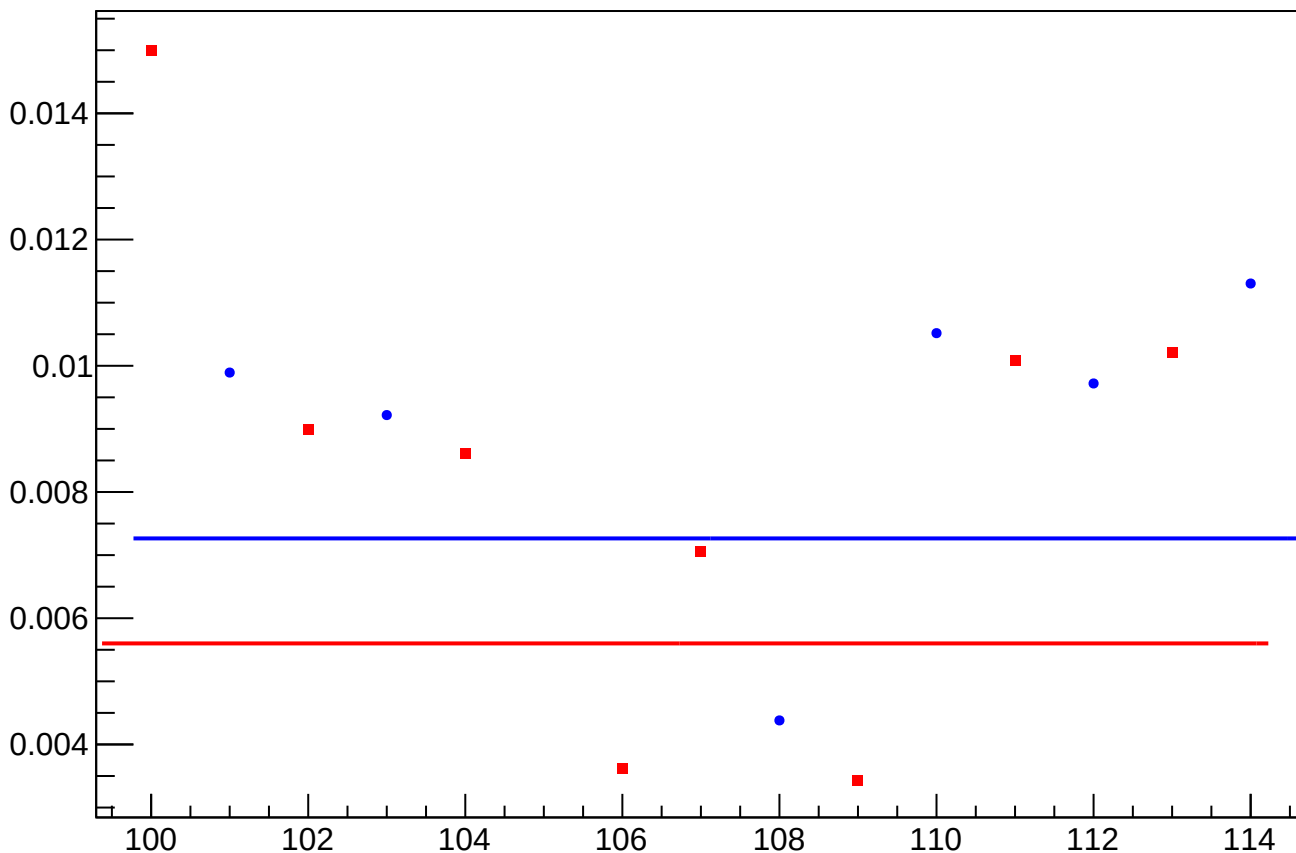
Right: -0.000+/-0.000 χ^2/NDF : 13.6/13

In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/13

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

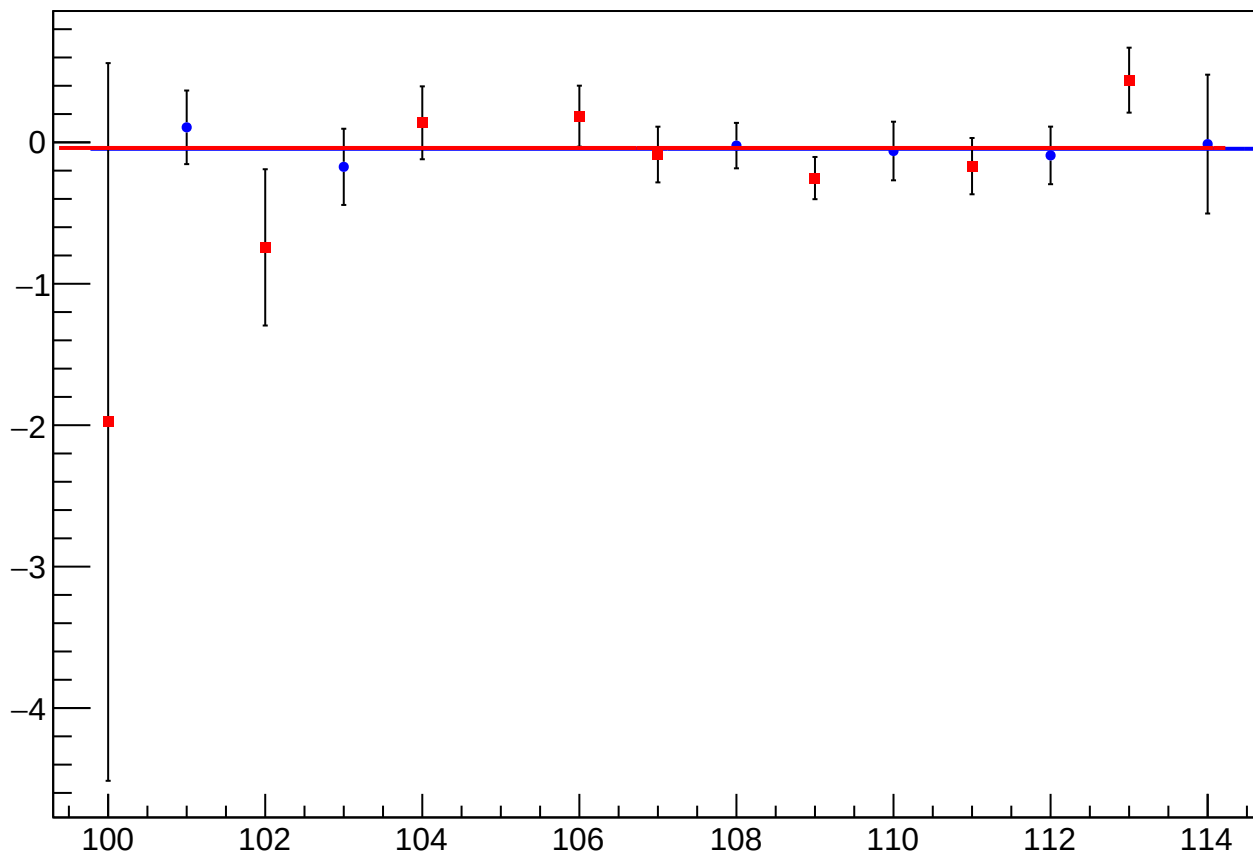
Right: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

In: 0.007+/-0.000 χ^2/NDF :652407.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

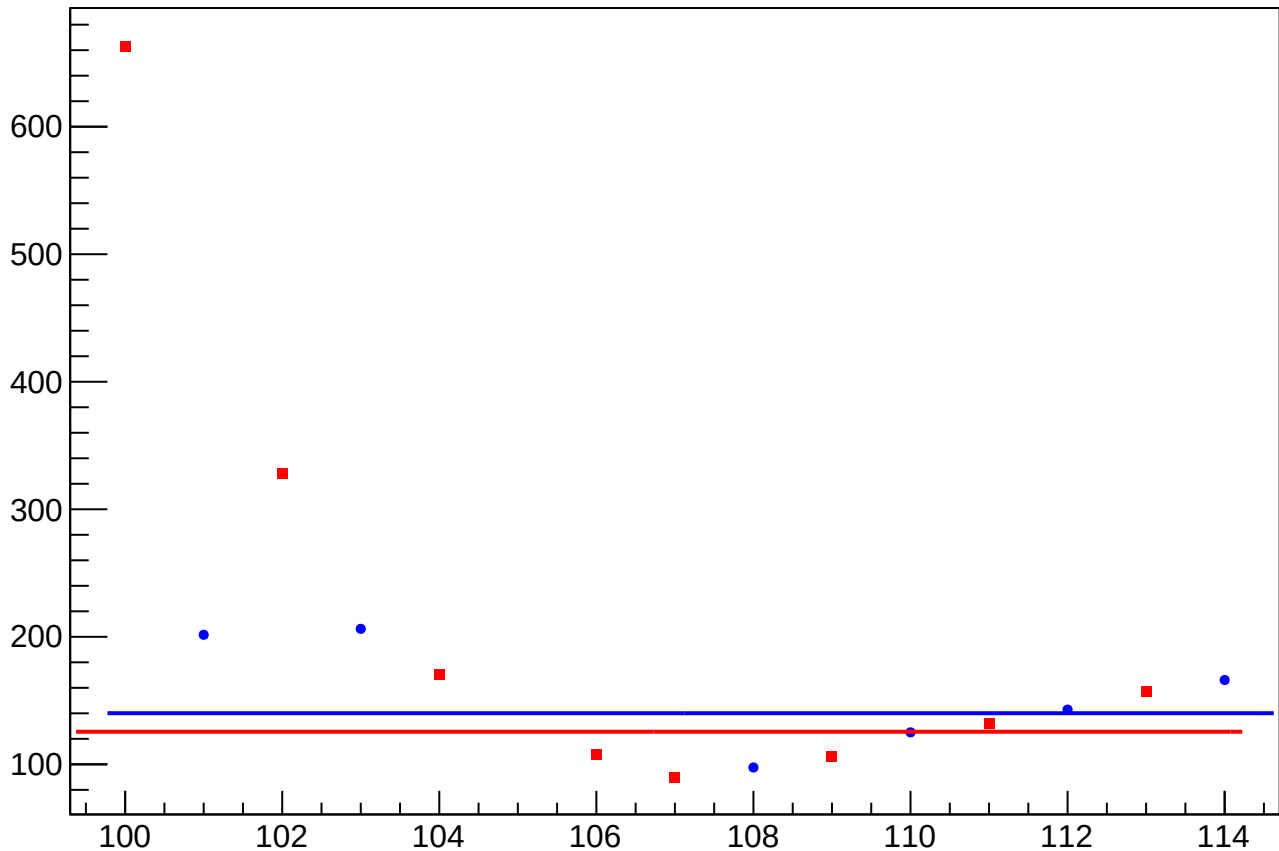
Right: -0.042 ± 0.060 χ^2/NDF : 11.3/13

In: -0.046 ± 0.092 χ^2/NDF : 0.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.042 ± 0.060 χ^2/NDF : 11.3/13

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

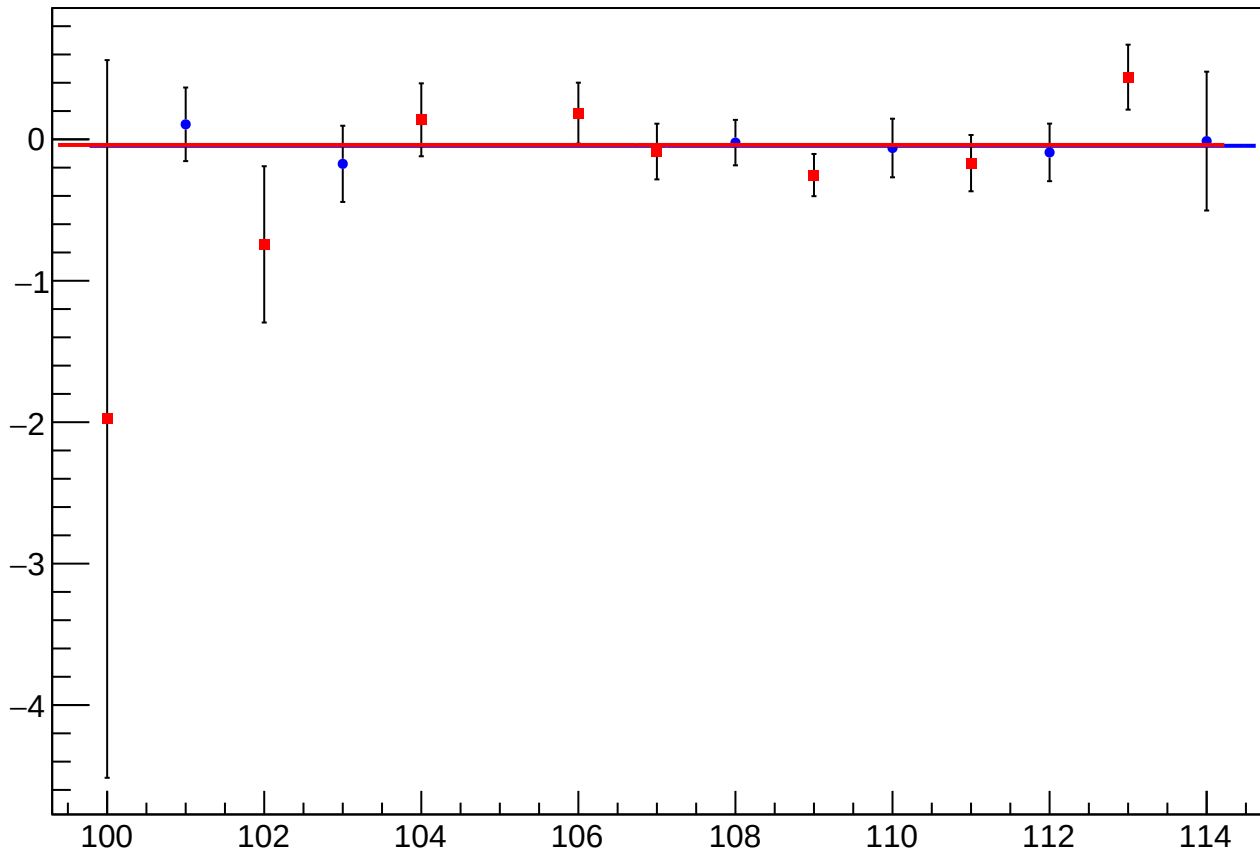
Right: 131.879+/-0.043 χ^2/NDF : 990107.2/13

In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

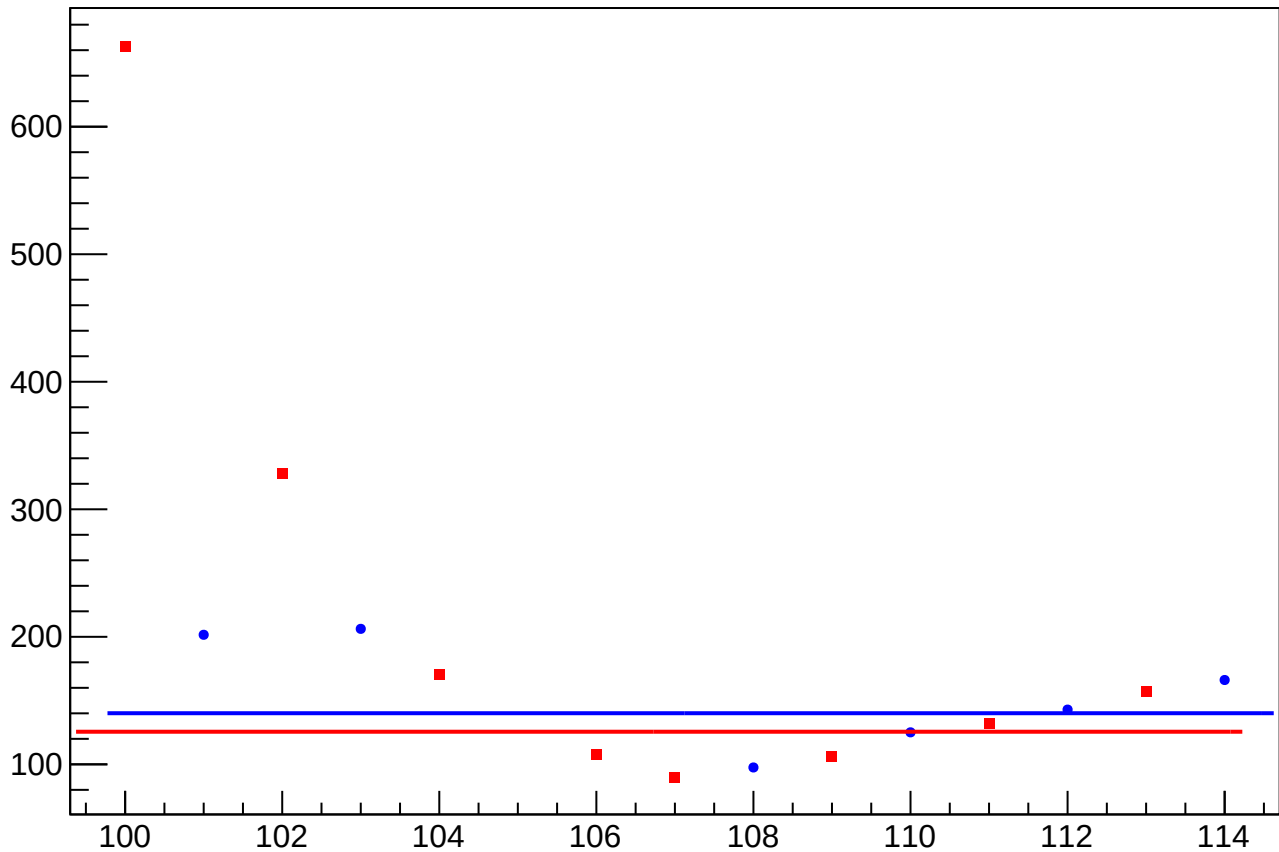
Right: -0.042+/-0.060 χ^2 /NDF: 11.3/13

In: -0.046+/-0.092 χ^2 /NDF:0.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.042+/-0.060 χ^2 /NDF: 11.3/13

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

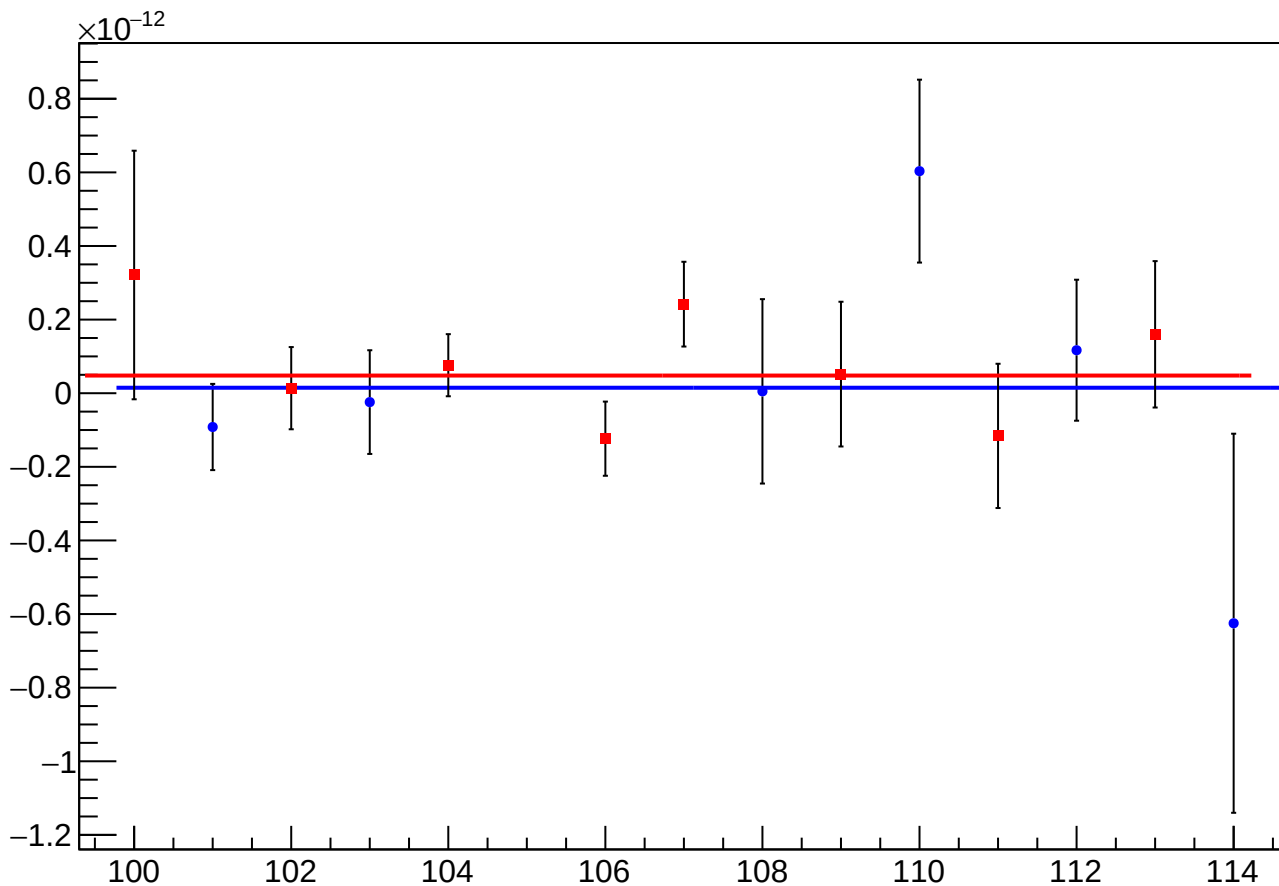
Right: 131.879+/-0.043 χ^2/NDF : 990107.2/13

In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

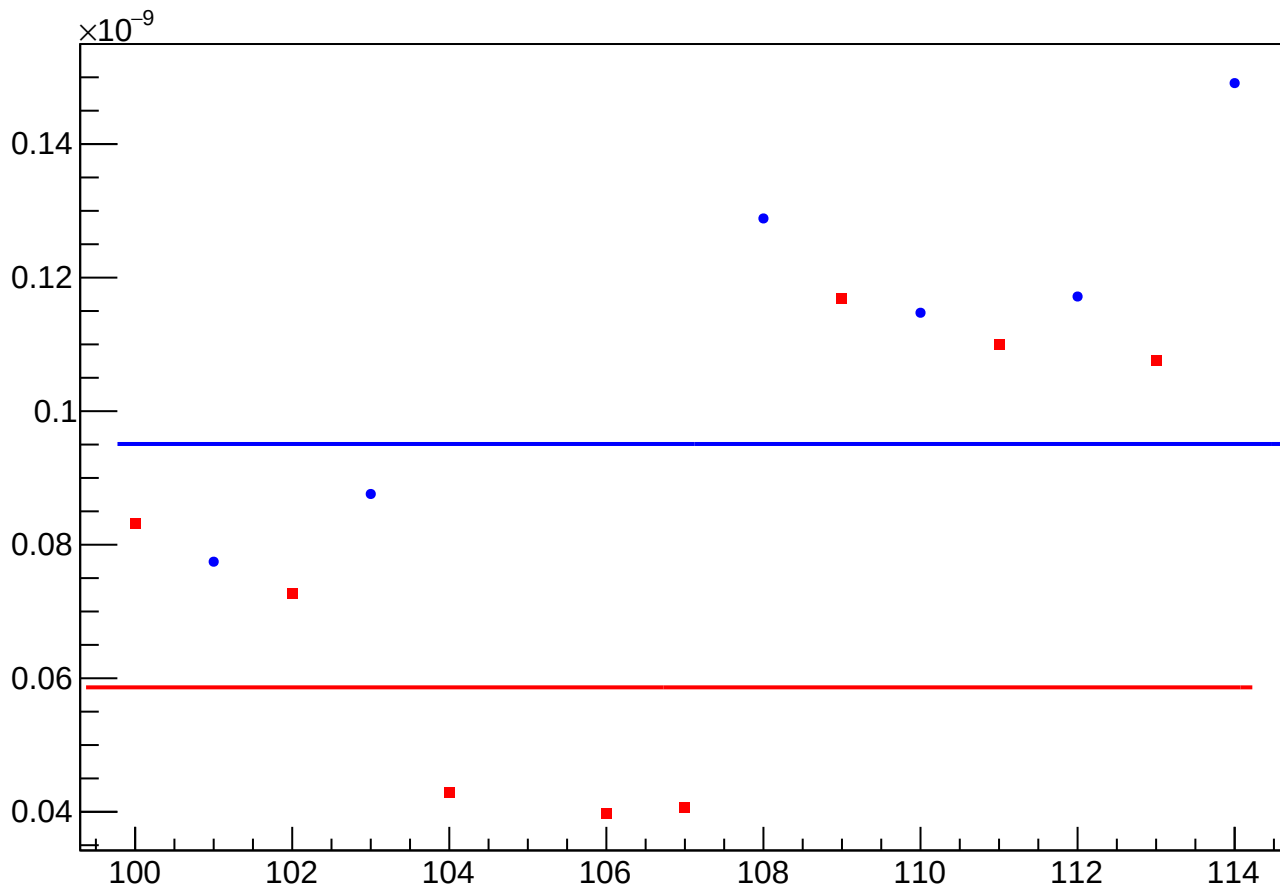
Right: 0.000+/-0.000 χ^2/NDF : 16.1/13

In: 0.000+/-0.000 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/13

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

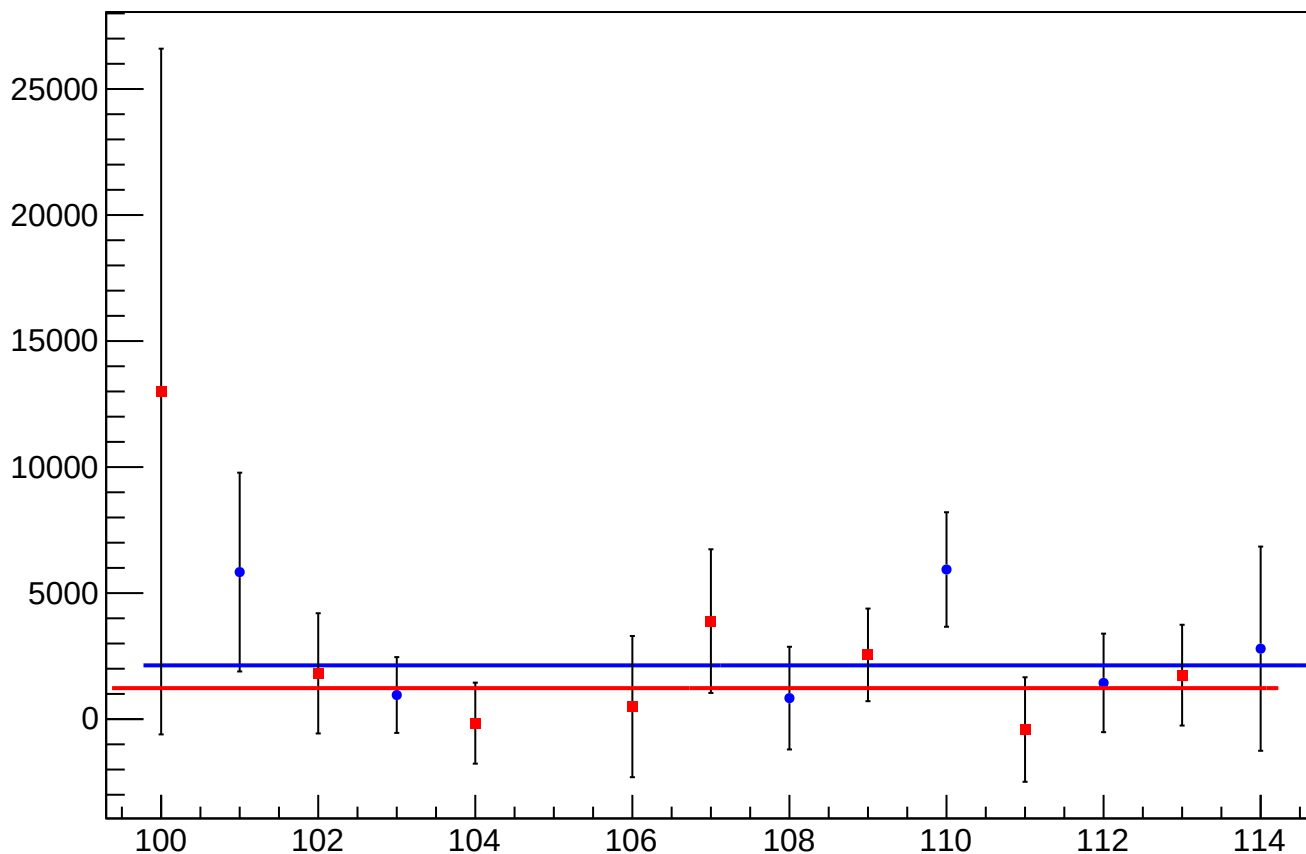
Right: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

In: 0.000+/-0.000 χ^2/NDF : 148447.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

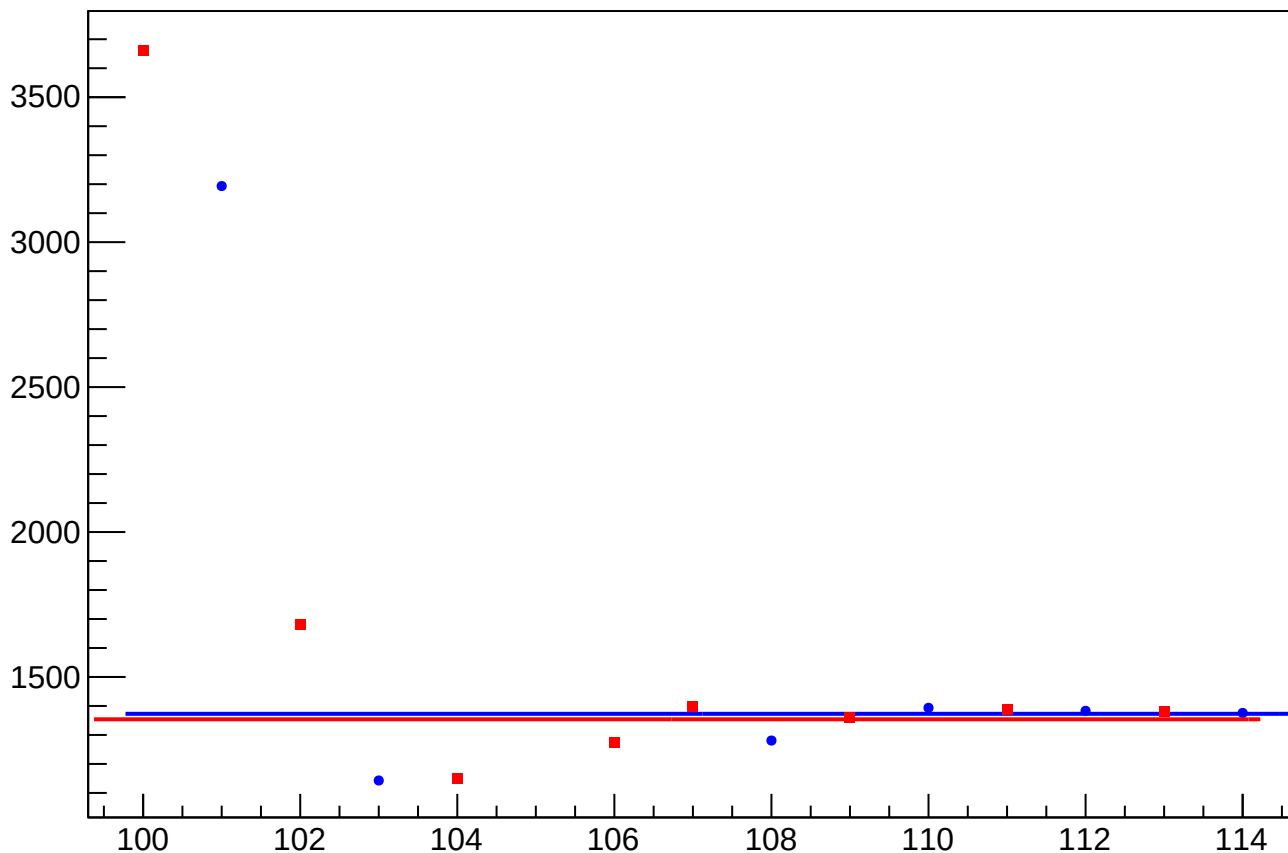
Right: 1629.093+/-591.126 χ^2/NDF : 9.1/13

In: 2133.363+/-889.483 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.093+/-591.126 χ^2/NDF : 9.1/13

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1372.946+/-0.629 χ^2/NDF : 477427.5/5

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

Right Out: 1354.006+/-0.556 χ^2/NDF : 130350.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

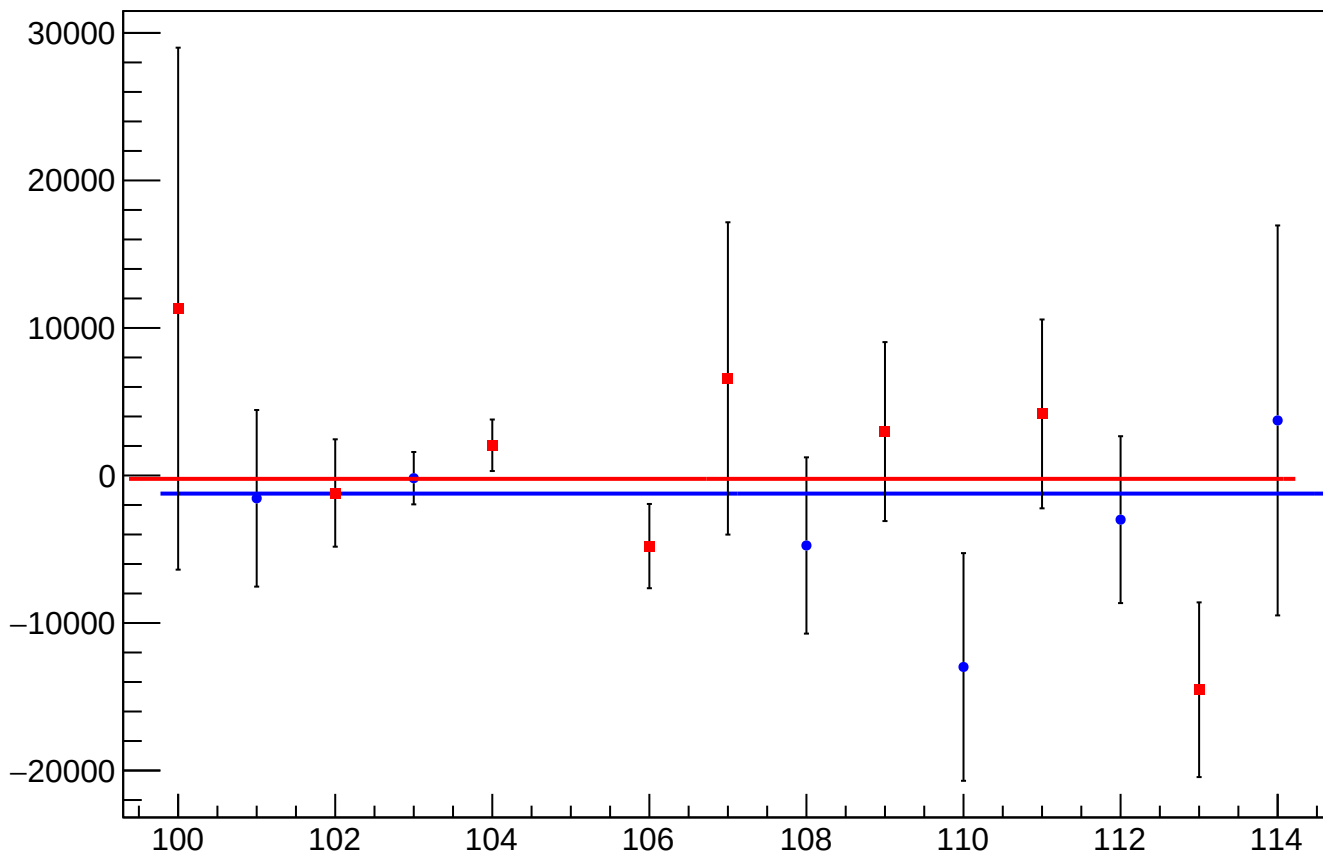
Right: 1362.307+/-0.416 χ^2/NDF : 608287.5/13

In: 1372.946+/-0.629 χ^2/NDF : 477427.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.307+/-0.416 χ^2/NDF : 608287.5/13

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



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: -1227.889+/-1530.380 χ^2 /NDF: 11.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

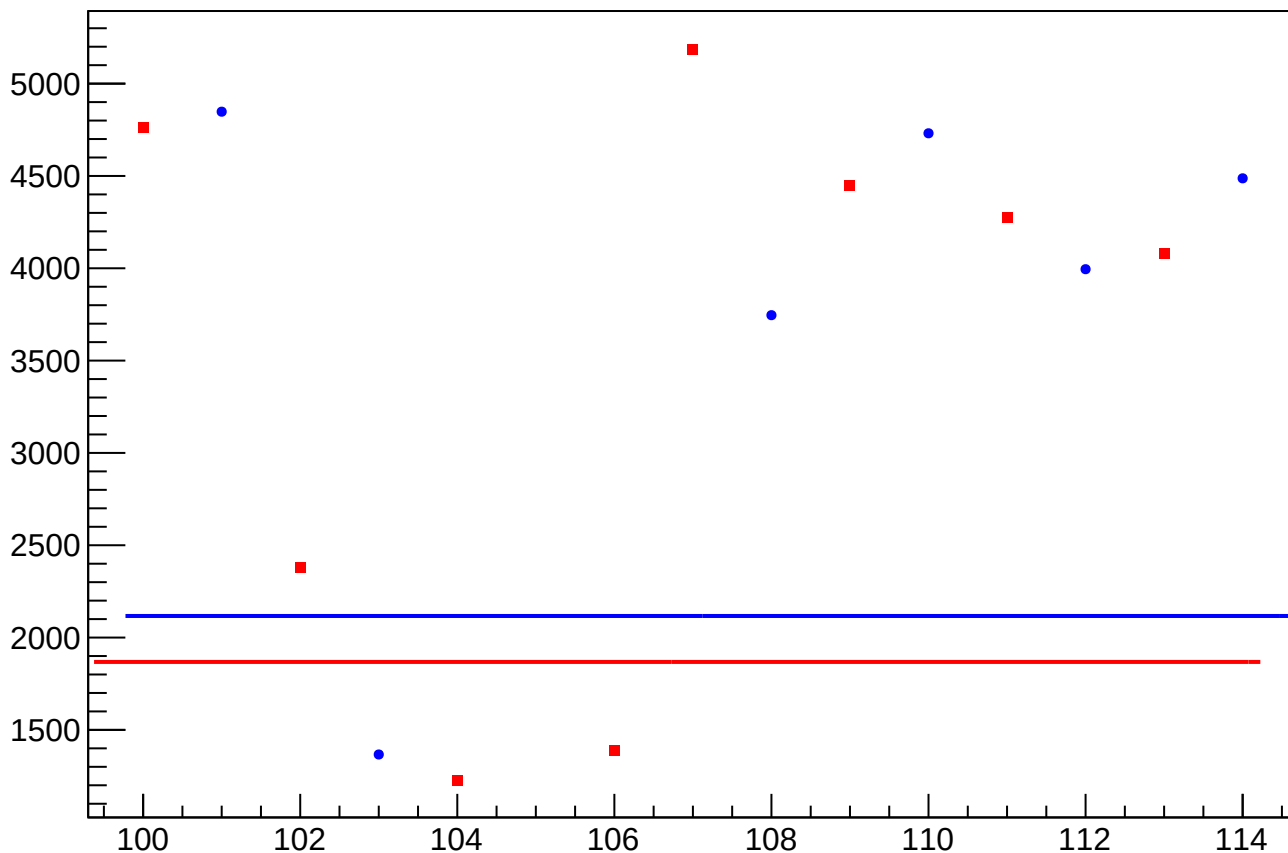
Right: -636.896+/-978.111 χ^2 /NDF: 15.2/13

In: -1227.889+/-1530.380 χ^2 /NDF:3.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -636.896+/-978.111 χ^2 /NDF: 15.2/13

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2116.939+/-1.082 χ^2/NDF : 1436438.2/5

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

Right Out: 1868.044+/-0.899 χ^2/NDF : 1541040.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

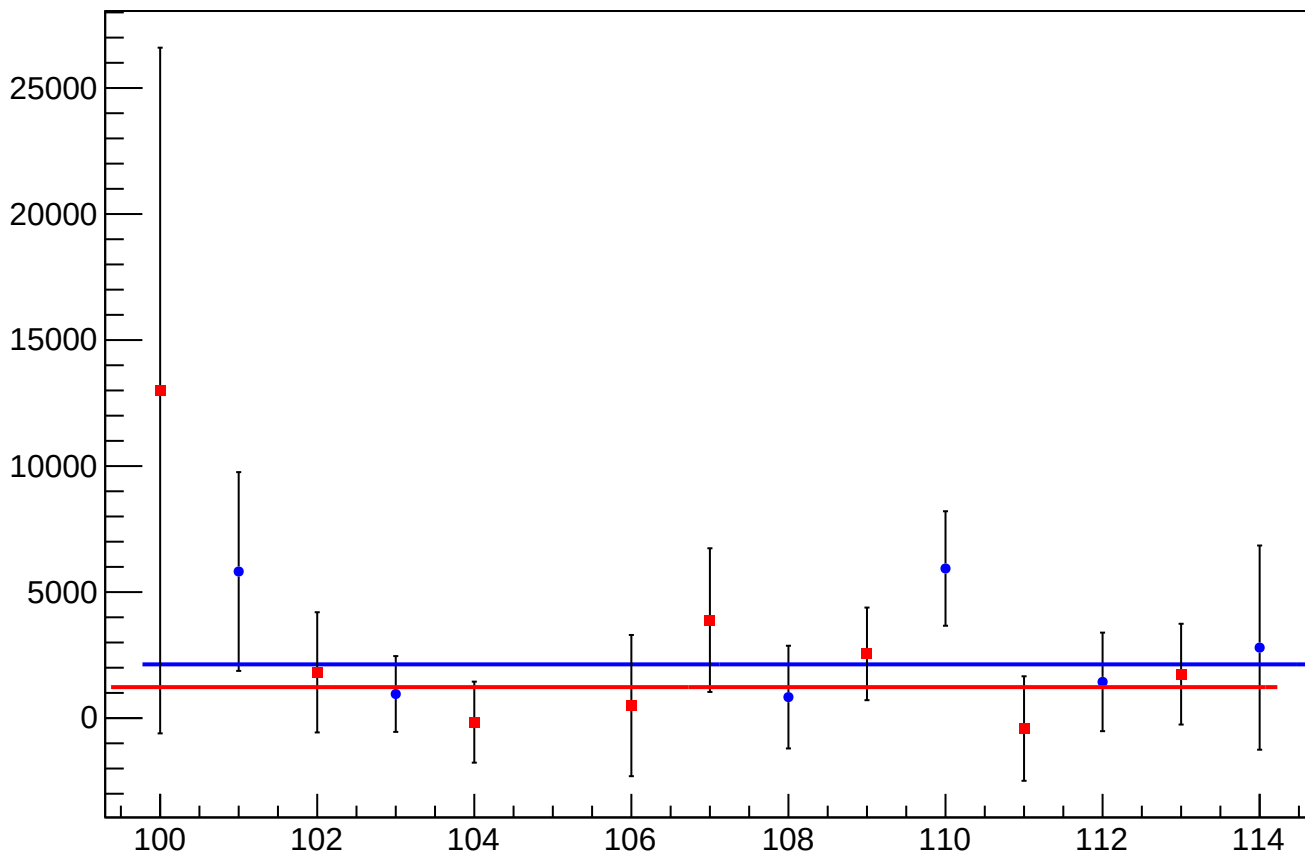
Right: 1969.714+/-0.692 χ^2/NDF : 3008770.1/13

In: 2116.939+/-1.082 χ^2/NDF : 1436438.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.714+/-0.692 χ^2/NDF : 3008770.1/13

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

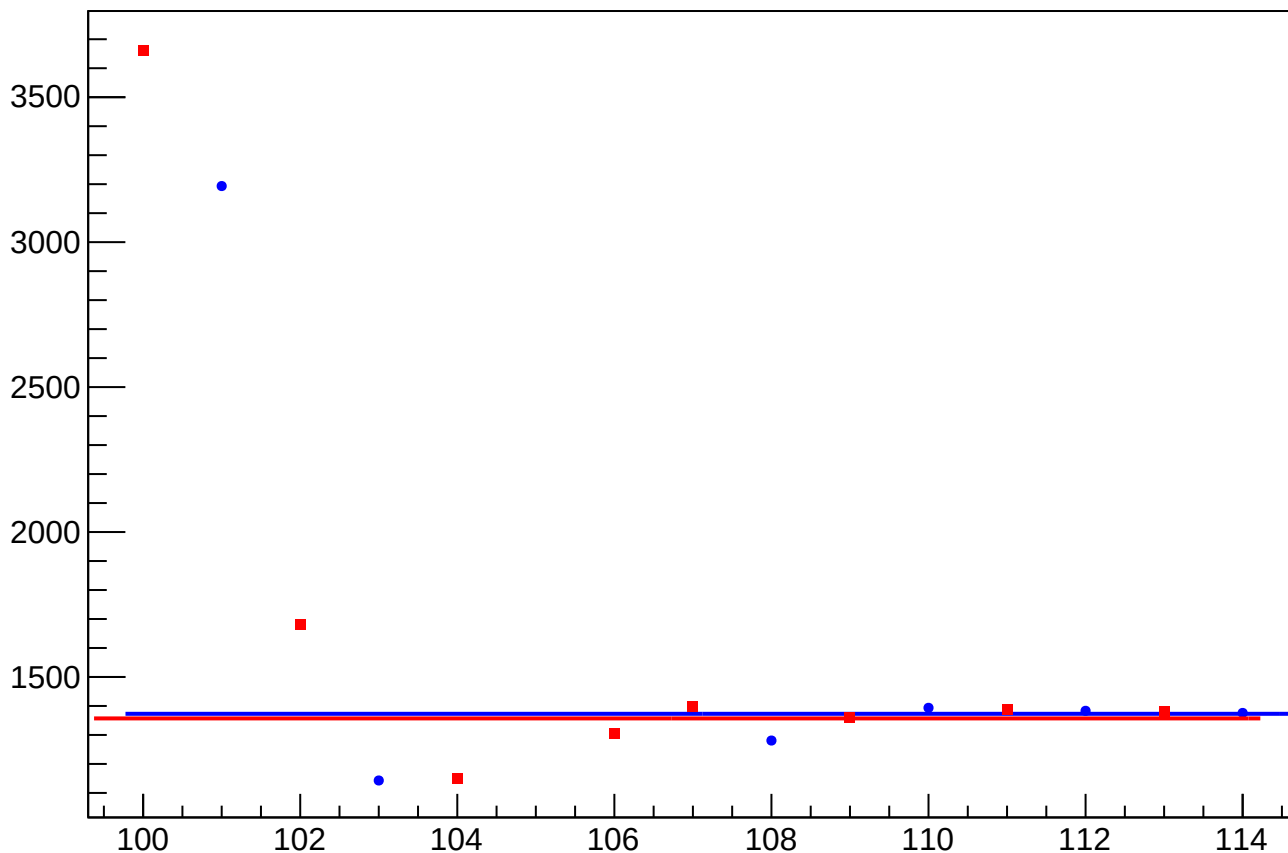
Right: 1628.559+/-591.126 χ^2/NDF : 9.1/13

In: 2132.659+/-889.483 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.559+/-591.126 χ^2/NDF : 9.1/13

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1372.946+/-0.629 χ^2/NDF : 477429.2/5

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

Right Out: 1357.030+/-0.557 χ^2/NDF : 129115.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

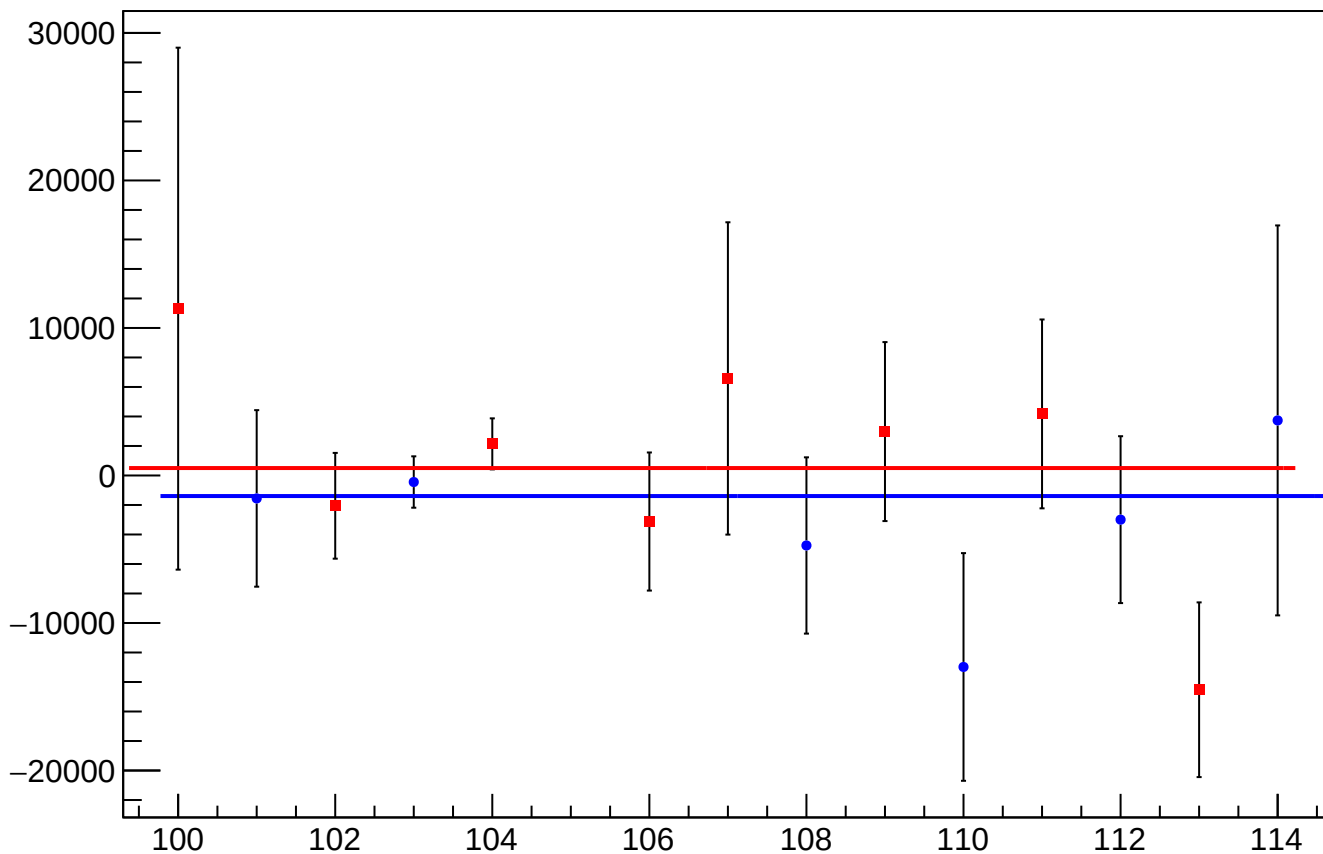
Right: 1364.021+/-0.417 χ^2/NDF : 606903.4/13

In: 1372.946+/-0.629 χ^2/NDF : 477429.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.021+/-0.417 χ^2/NDF : 606903.4/13

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

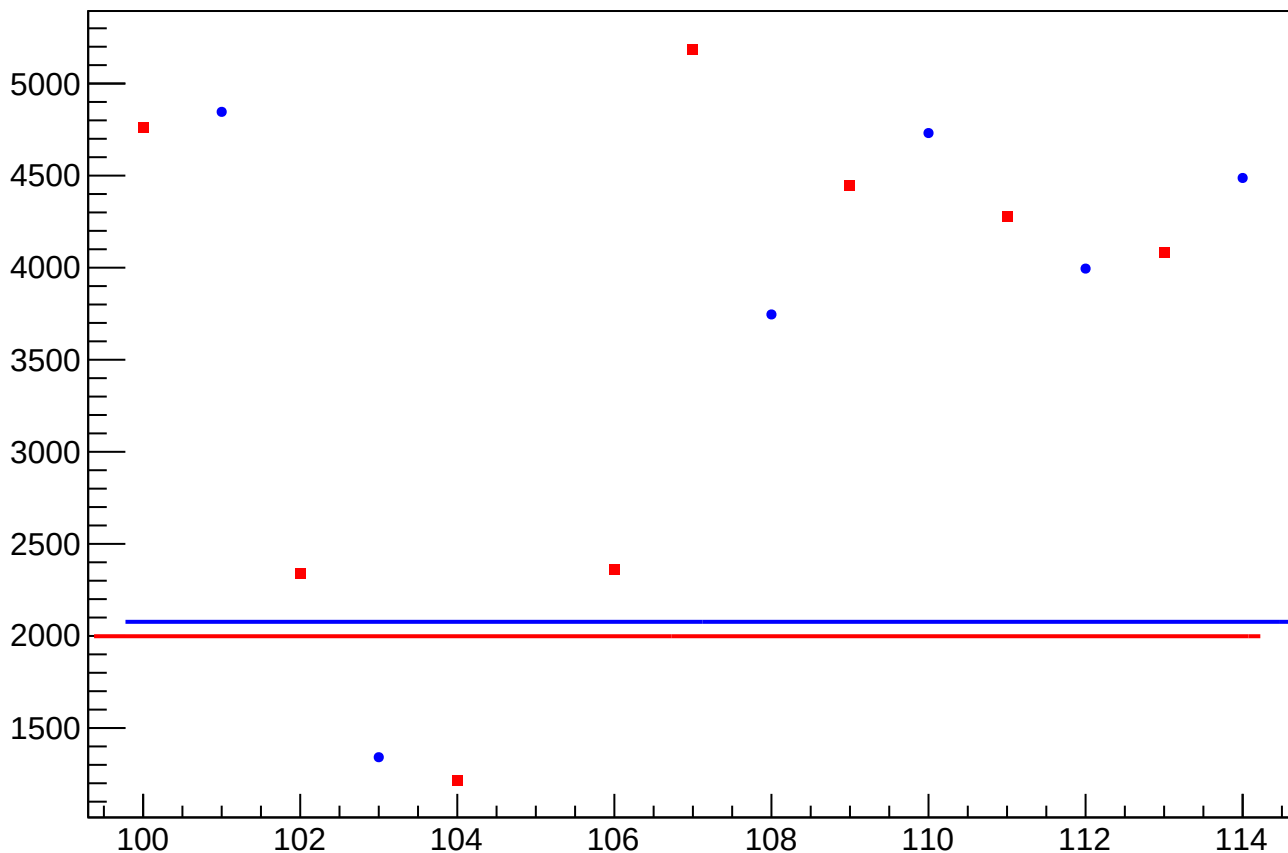
Right: -339.354+/-1005.411 χ^2/NDF : 13.6/13

In: -1394.280+/-1508.541 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.354+/-1005.411 χ^2/NDF : 13.6/13

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

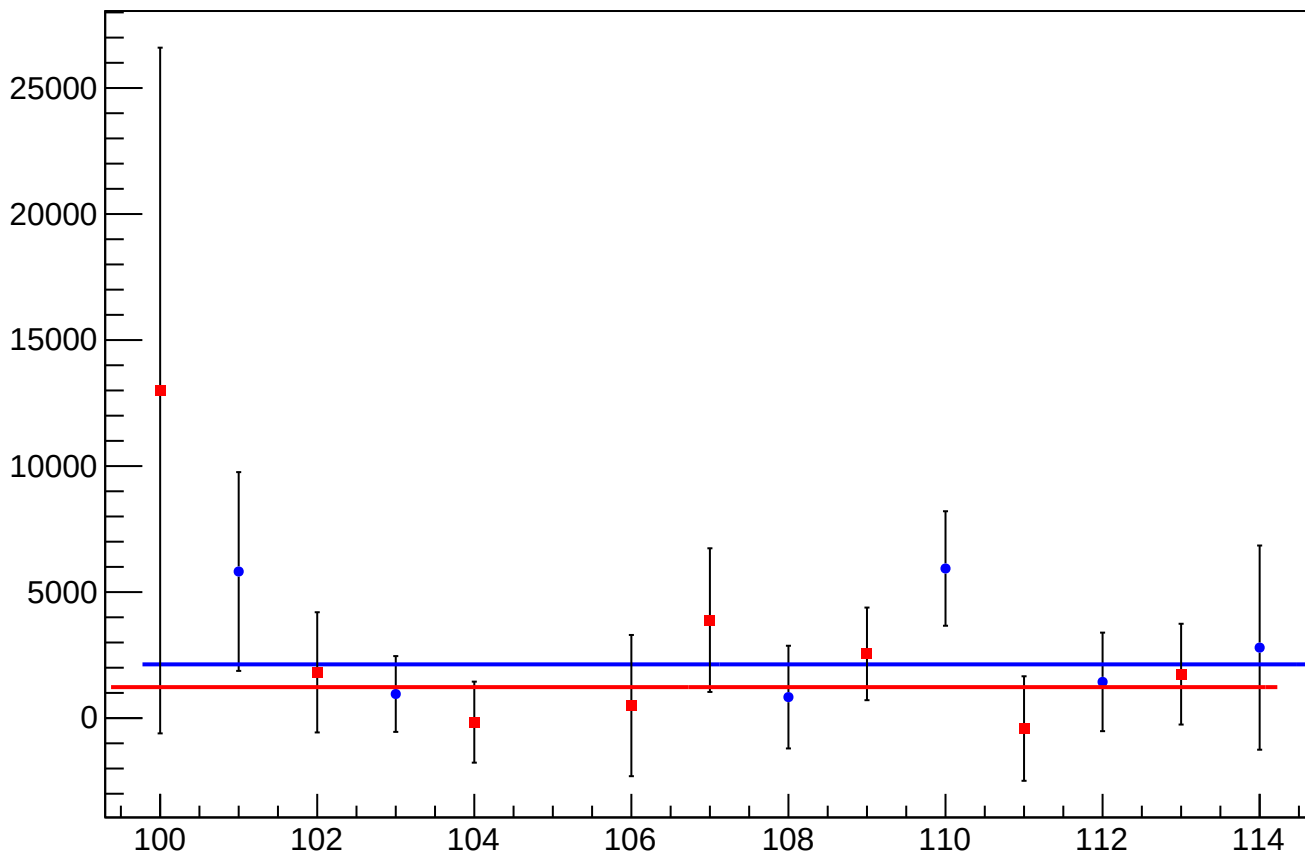
Right: 2033.244+/-0.711 χ^2/NDF : 2975009.9/13

In: 2076.770+/-1.067 χ^2/NDF : 1474178.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2033.244+/-0.711 χ^2/NDF : 2975009.9/13

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

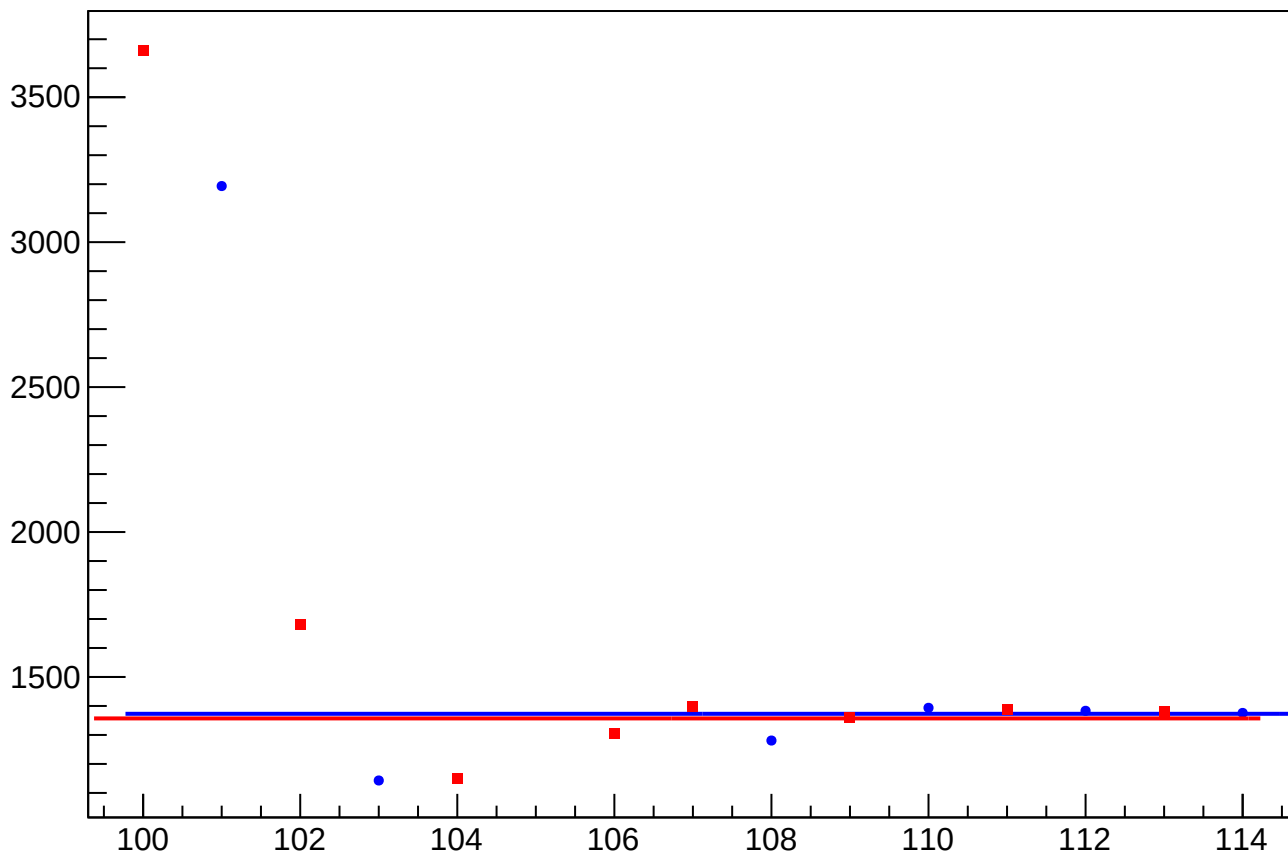
Right: 1628.559+/-591.126 χ^2/NDF : 9.1/13

In: 2132.659+/-889.483 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.559+/-591.126 χ^2/NDF : 9.1/13

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1372.946+/-0.629 χ^2/NDF : 477429.2/5

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

Right Out: 1357.030+/-0.557 χ^2/NDF : 129115.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

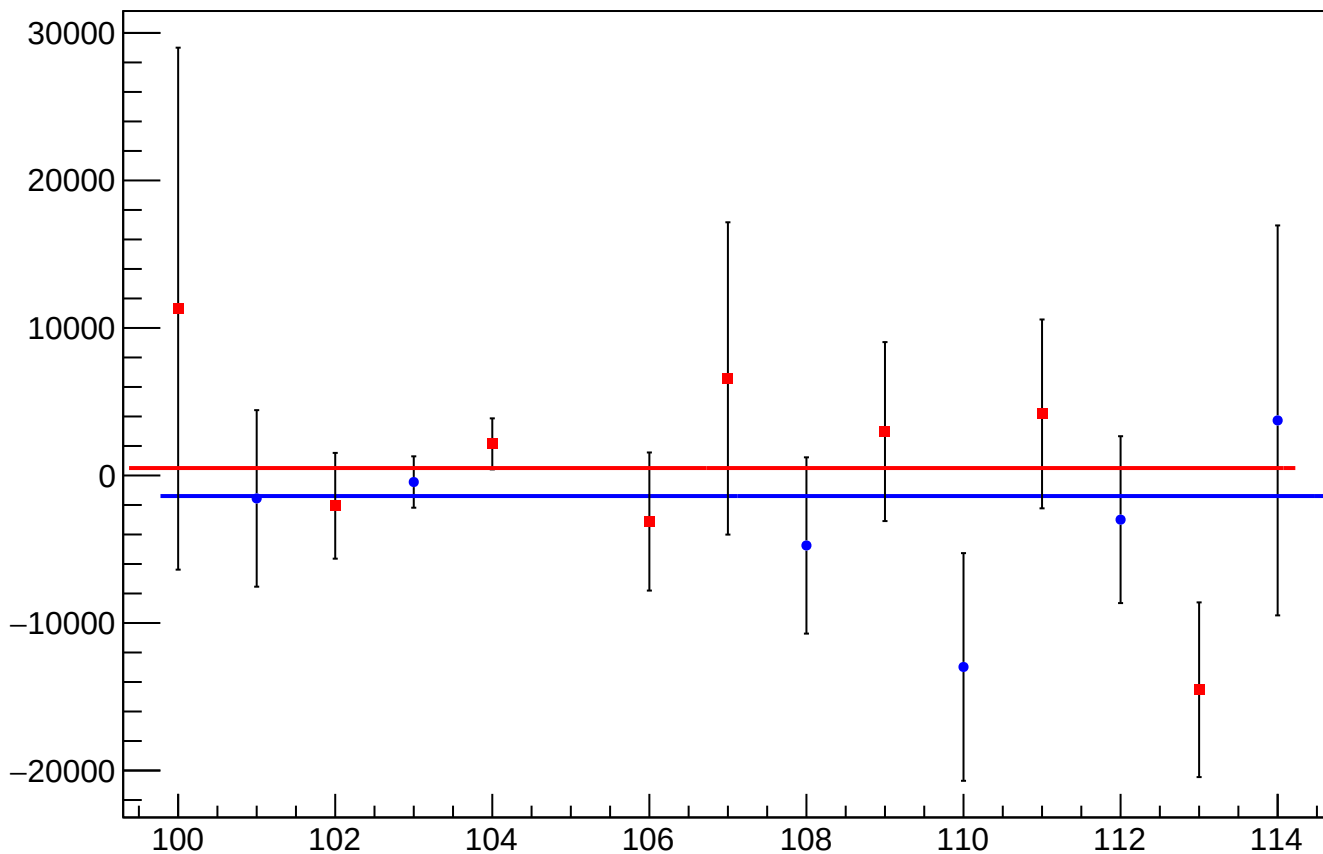
Right: 1364.021+/-0.417 χ^2/NDF : 606903.4/13

In: 1372.946+/-0.629 χ^2/NDF : 477429.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.021+/-0.417 χ^2/NDF : 606903.4/13

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

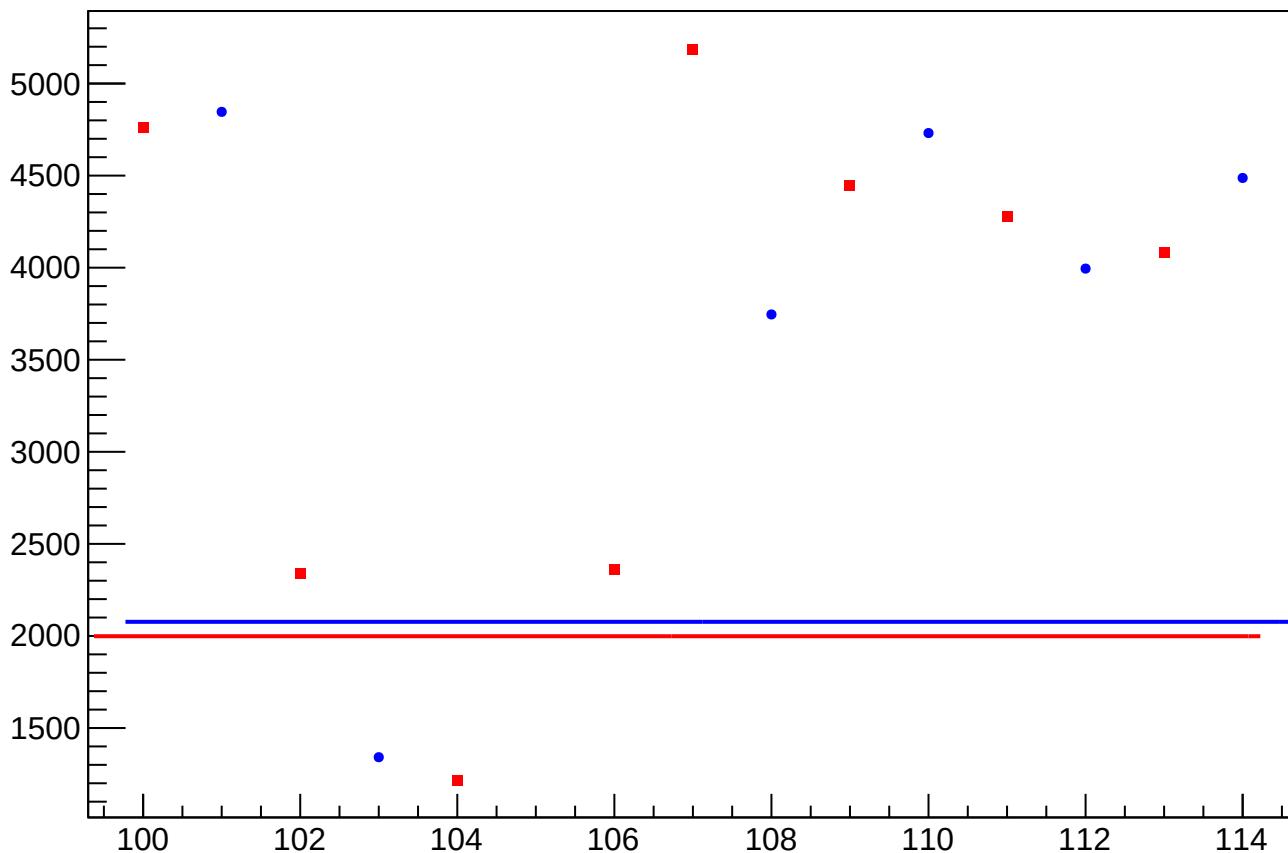
Right: -339.354+/-1005.411 χ^2/NDF : 13.6/13

In: -1394.280+/-1508.541 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.354+/-1005.411 χ^2/NDF : 13.6/13

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

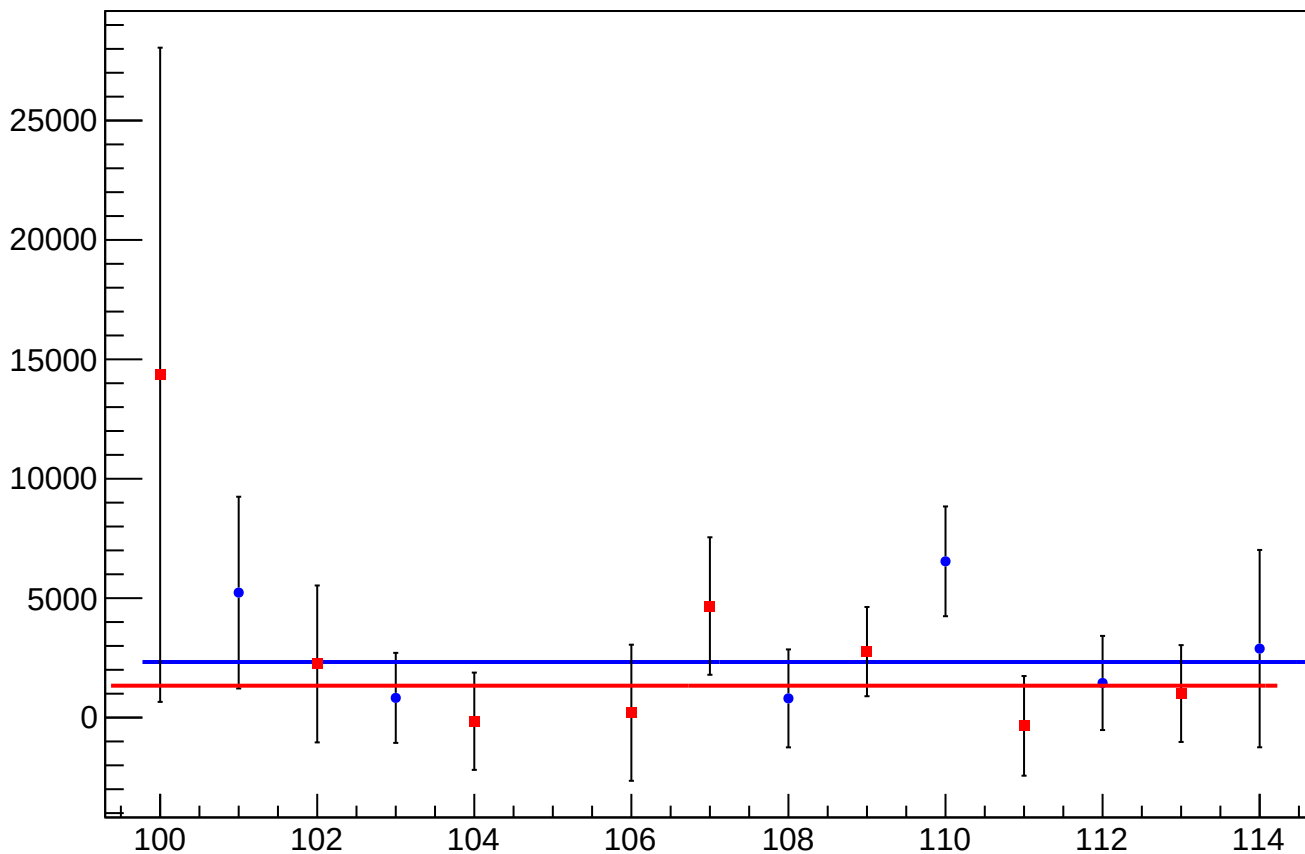
Right: 2033.244+/-0.711 χ^2/NDF : 2975009.9/13

In: 2076.770+/-1.067 χ^2/NDF : 1474178.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2033.244+/-0.711 χ^2/NDF : 2975009.9/13

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

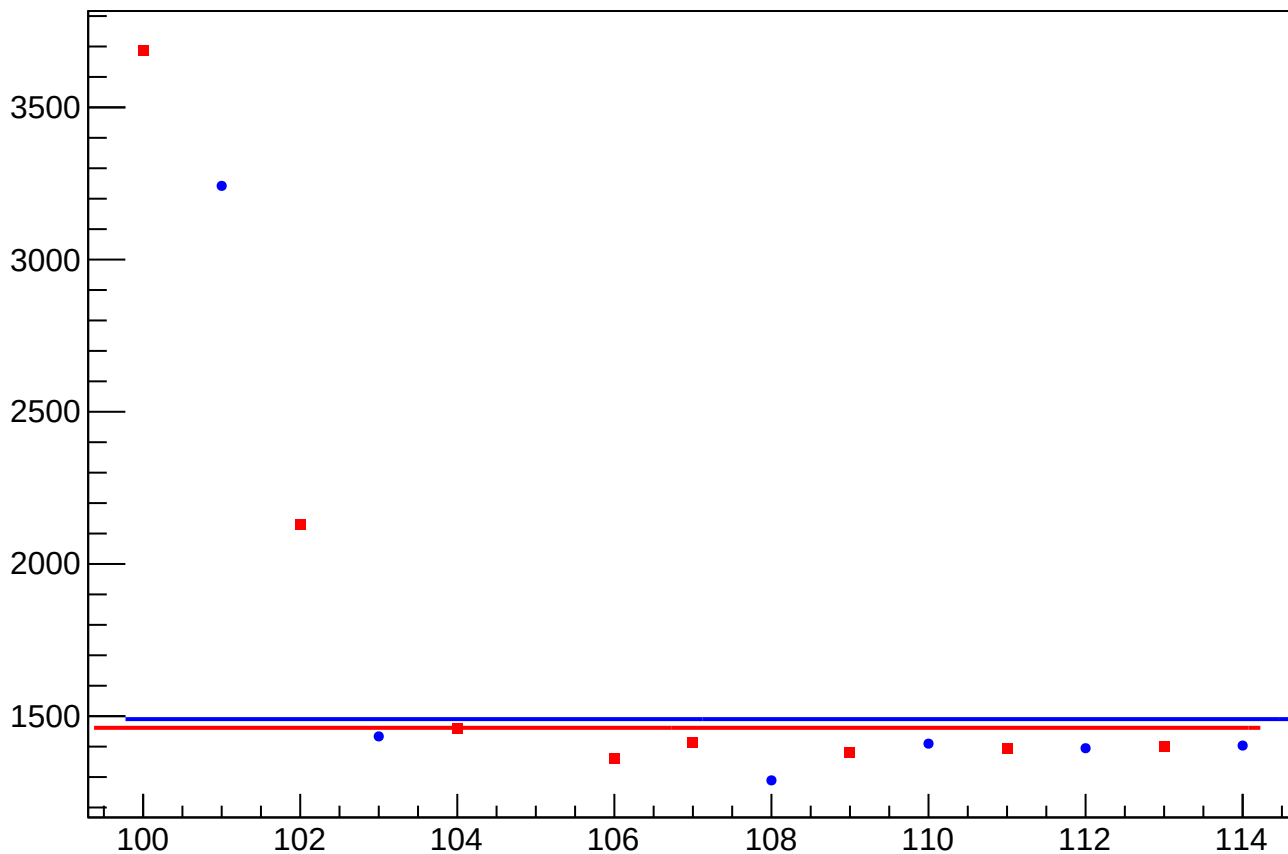
Right: 1778.927+/-641.626 χ^2/NDF : 10.2/13

In: 2327.190+/-959.324 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.927+/-641.626 χ^2/NDF : 10.2/13

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

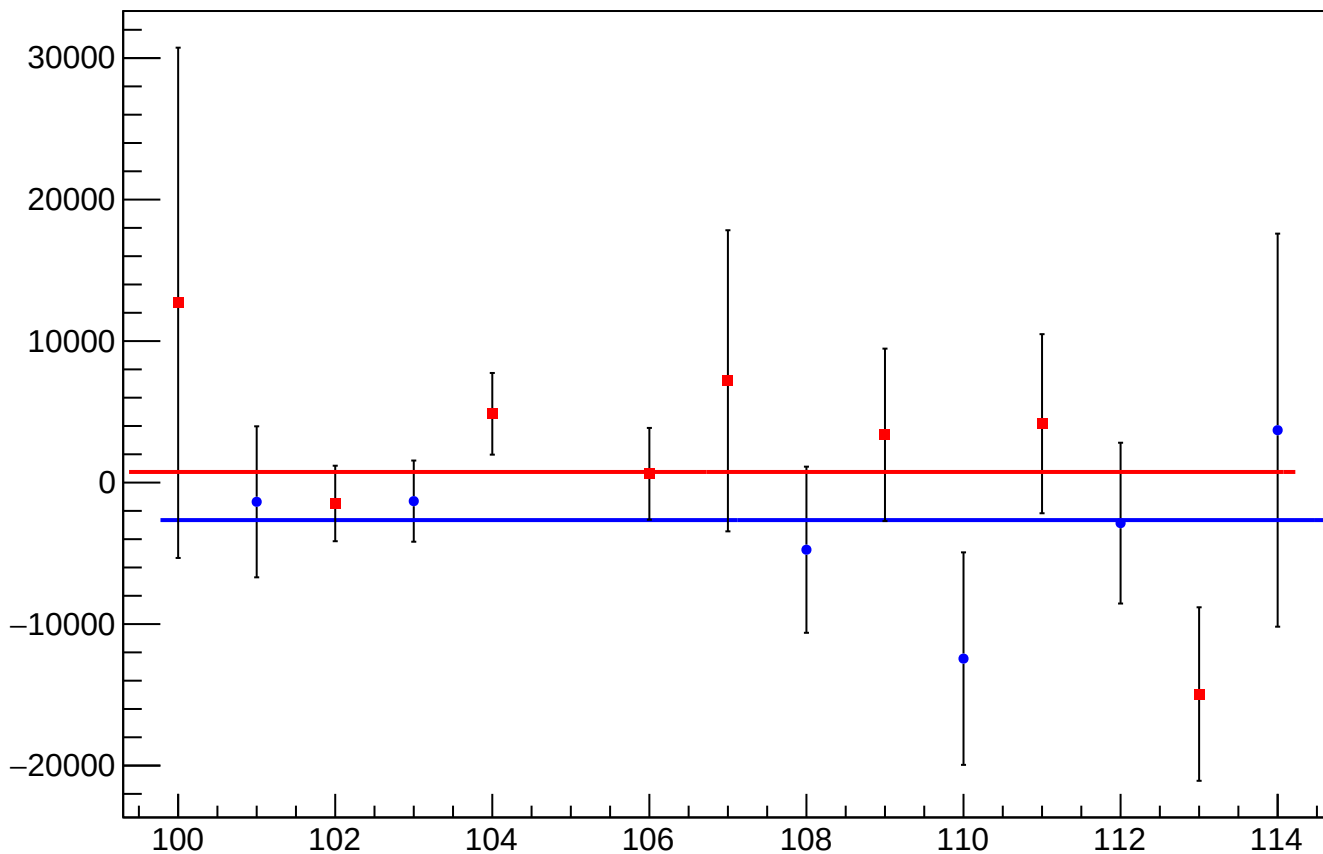
Right: 1474.505+/-0.453 χ^2/NDF : 557921.2/13

In: 1490.309+/-0.678 χ^2/NDF : 410075.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1474.505+/-0.453 χ^2/NDF : 557921.2/13

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

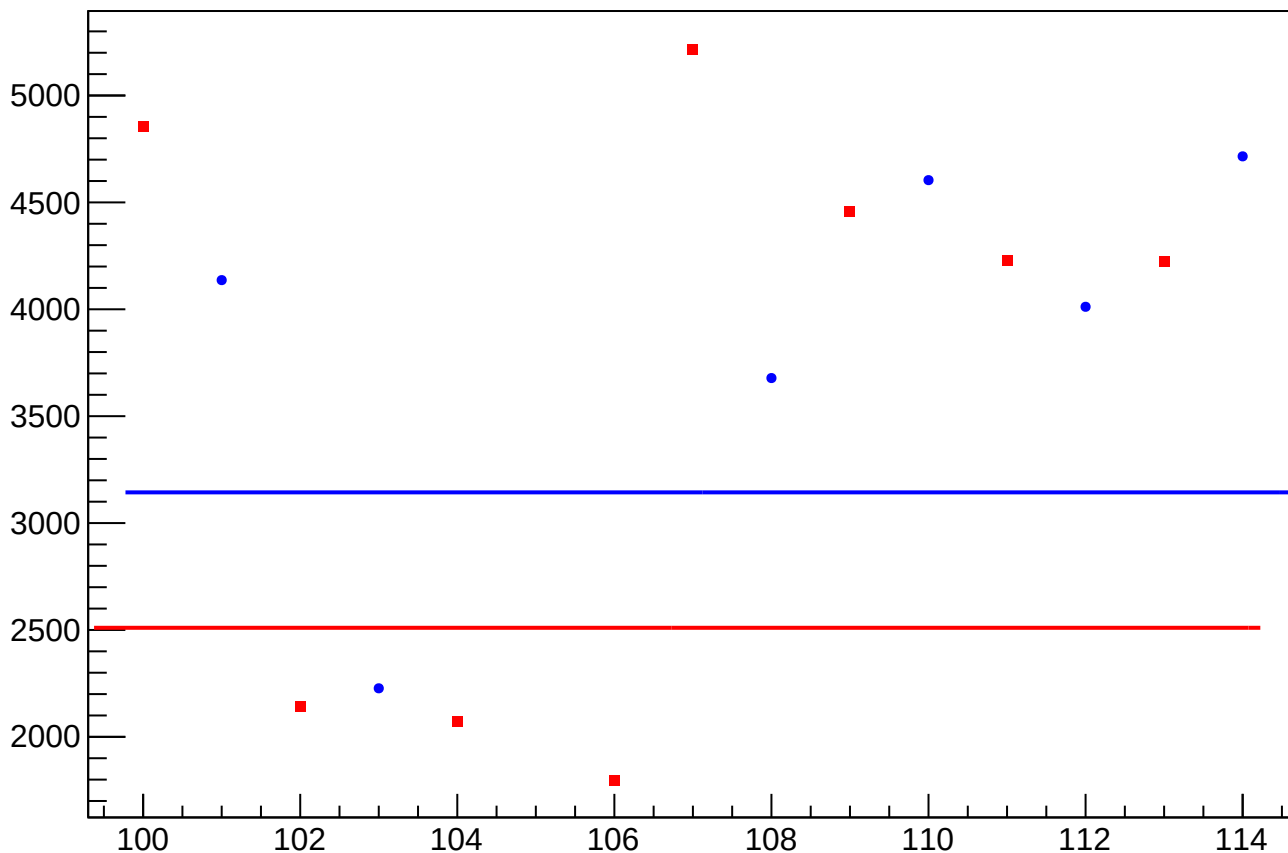
Right: -437.681+/-1207.898 χ^2/NDF : 14.7/13

In: -2650.571+/-2043.467 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.681+/-1207.898 χ^2/NDF : 14.7/13

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

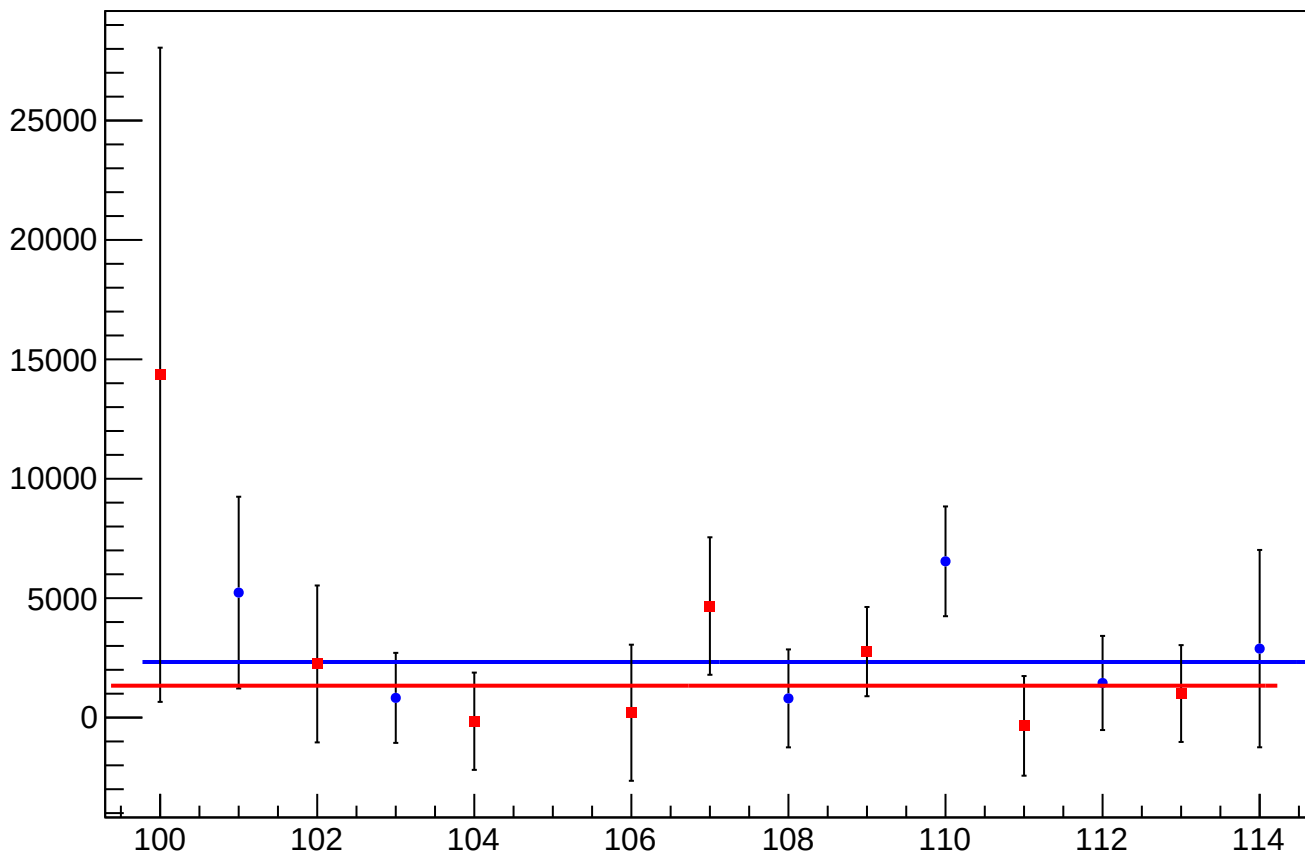
Right: 2731.488+/-0.854 χ^2/NDF : 1413924.0/13

In: 3143.603+/-1.445 χ^2/NDF : 437821.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.488+/-0.854 χ^2/NDF : 1413924.0/13

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2327.195+/-959.324 χ^2/NDF : 5.3/5

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

Right Out: 1335.157+/-863.079 χ^2/NDF : 4.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

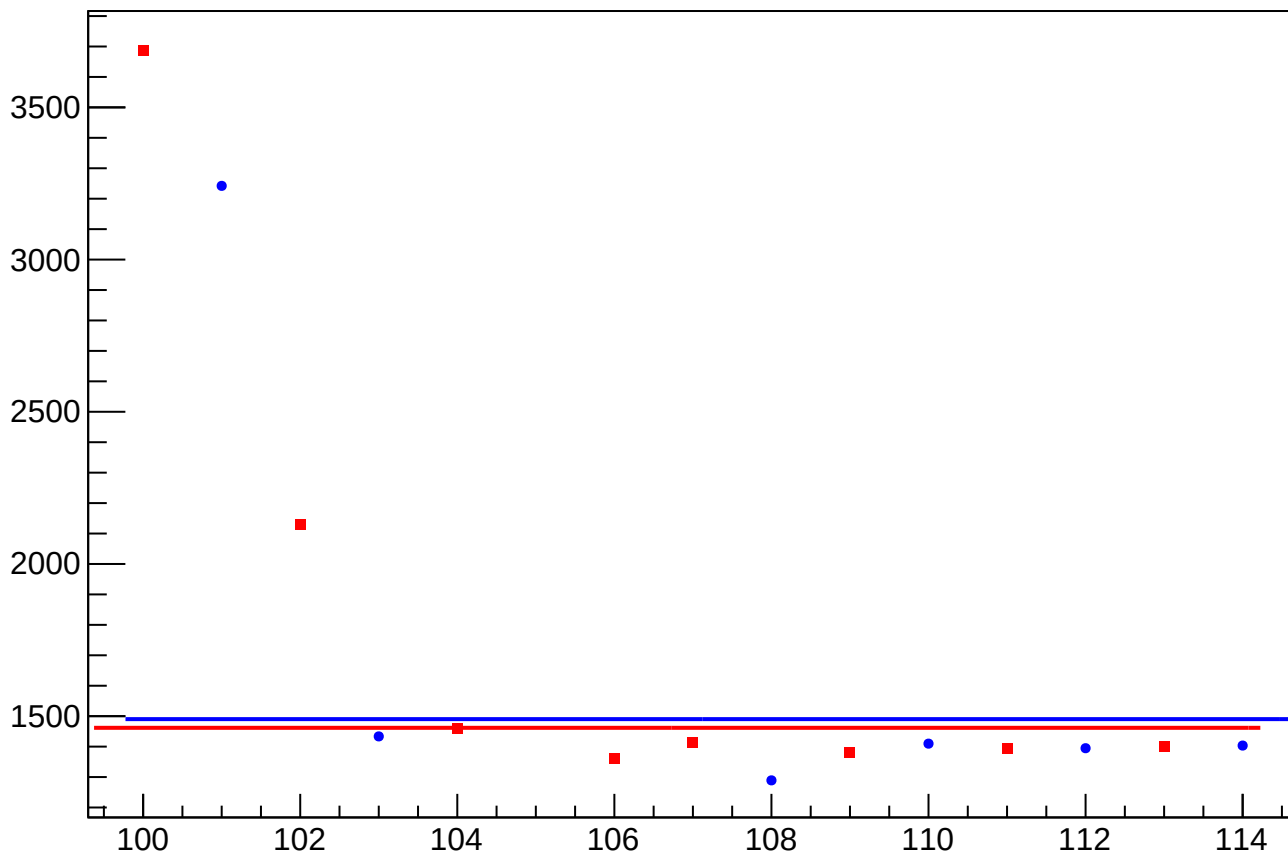
Right: 1778.930+/-641.626 χ^2/NDF : 10.2/13

In: 2327.195+/-959.324 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.930+/-641.626 χ^2/NDF : 10.2/13

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

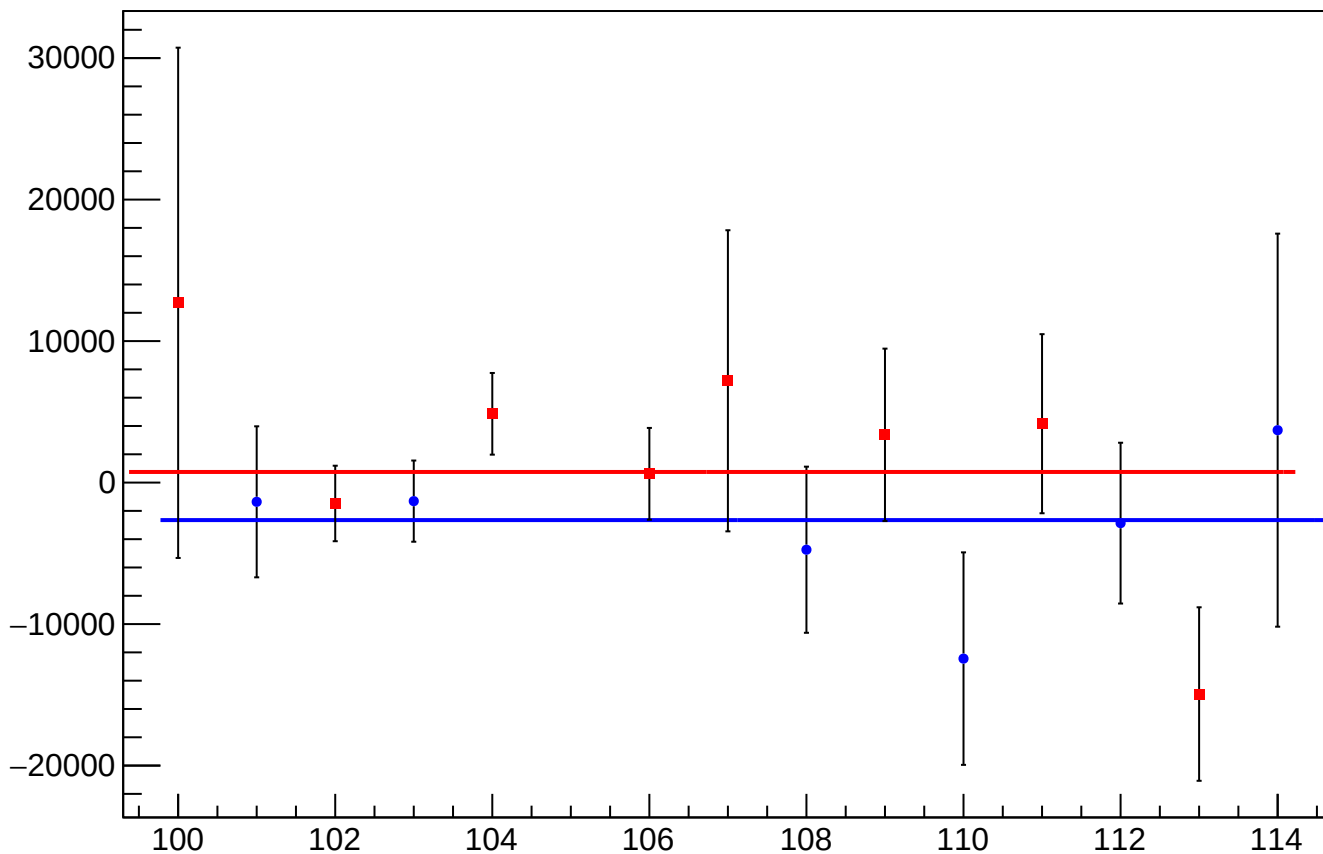
Right: 1474.504+/-0.453 χ^2/NDF : 557920.6/13

In: 1490.308+/-0.678 χ^2/NDF : 410075.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1474.504+/-0.453 χ^2/NDF : 557920.6/13

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

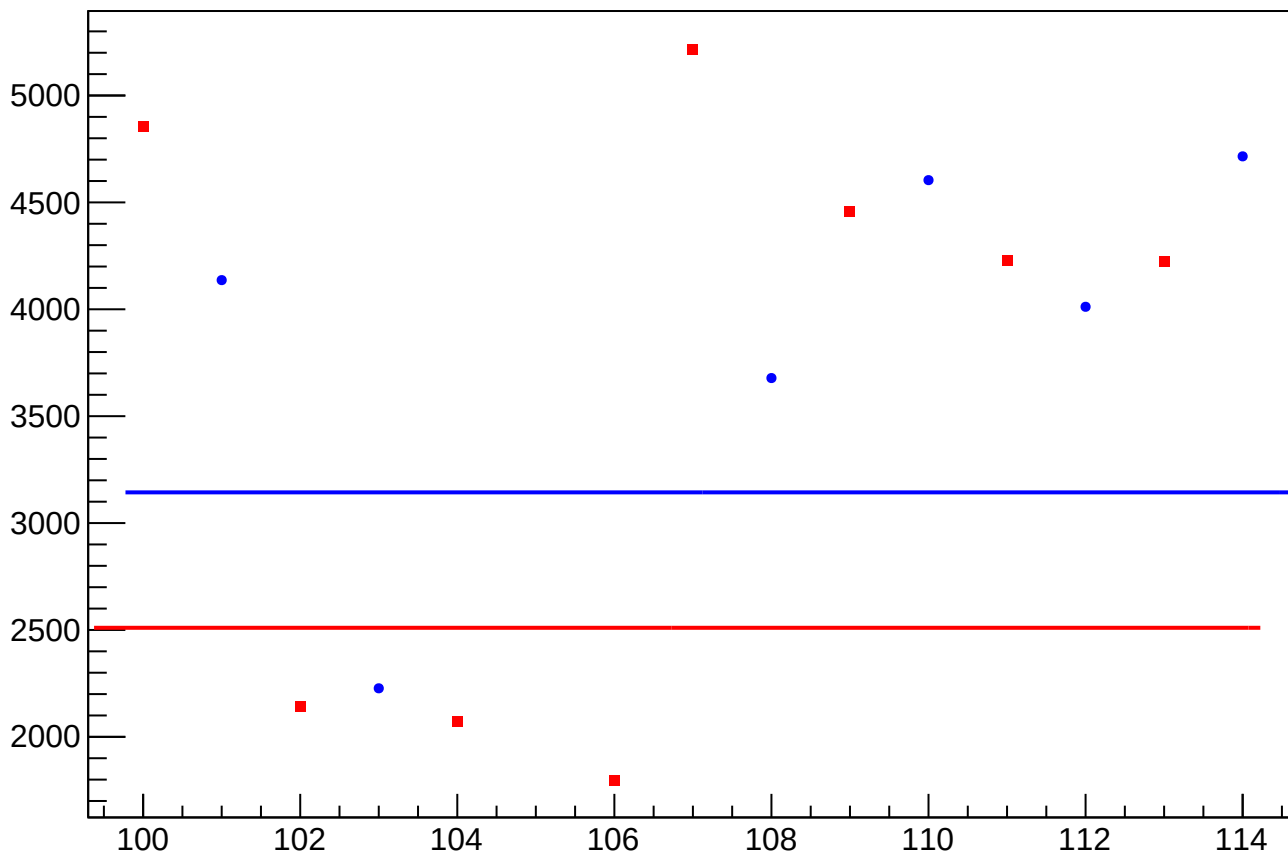
Right: -437.679+/-1207.895 χ^2/NDF : 14.7/13

In: -2650.569+/-2043.463 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.679+/-1207.895 χ^2/NDF : 14.7/13

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3143.597+/-1.445 χ^2/NDF : 437821.9/5

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

Right Out: 2510.156+/-1.059 χ^2/NDF : 851072.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

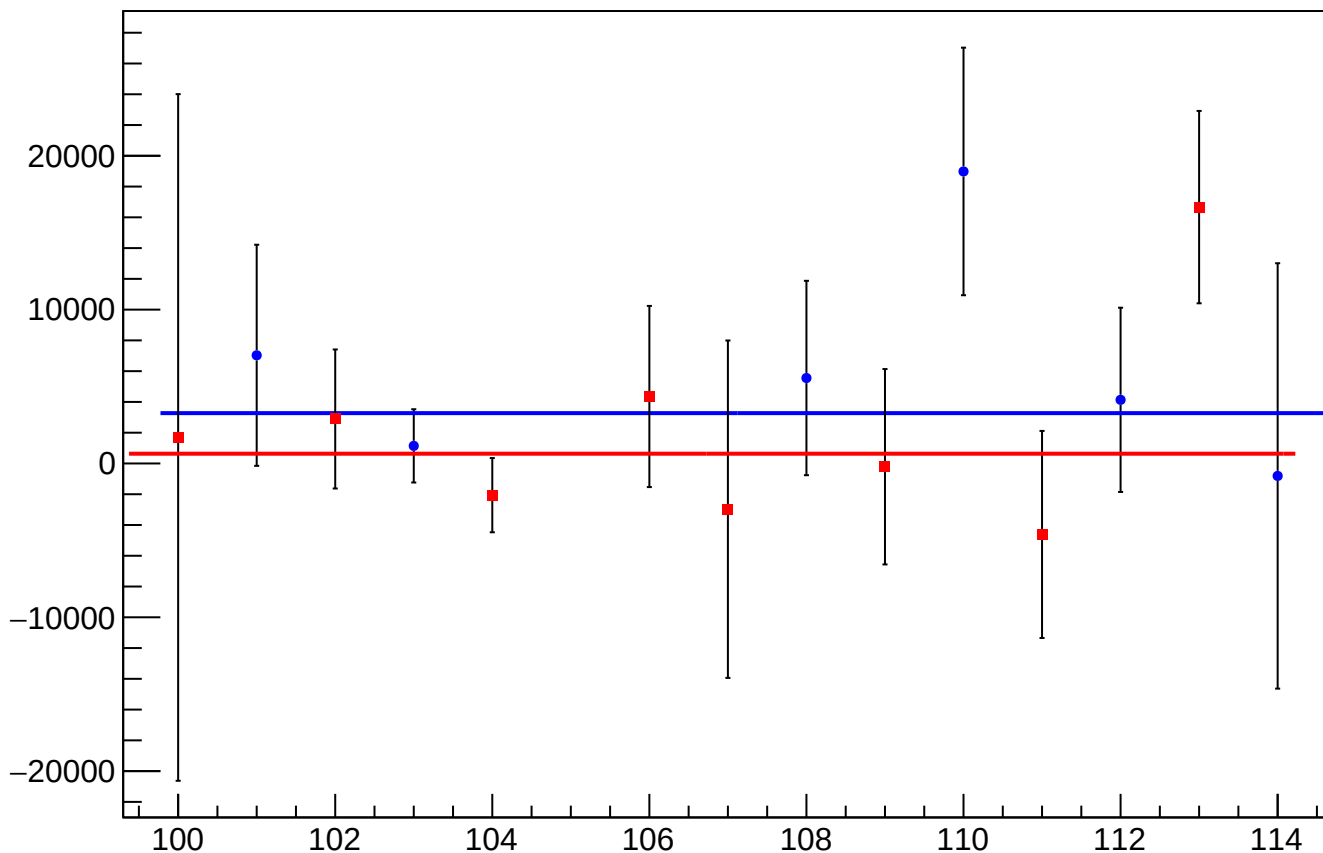
Right: 2731.481+/-0.854 χ^2/NDF : 1413926.8/13

In: 3143.597+/-1.445 χ^2/NDF : 437821.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2731.481+/-0.854 χ^2/NDF : 1413926.8/13

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

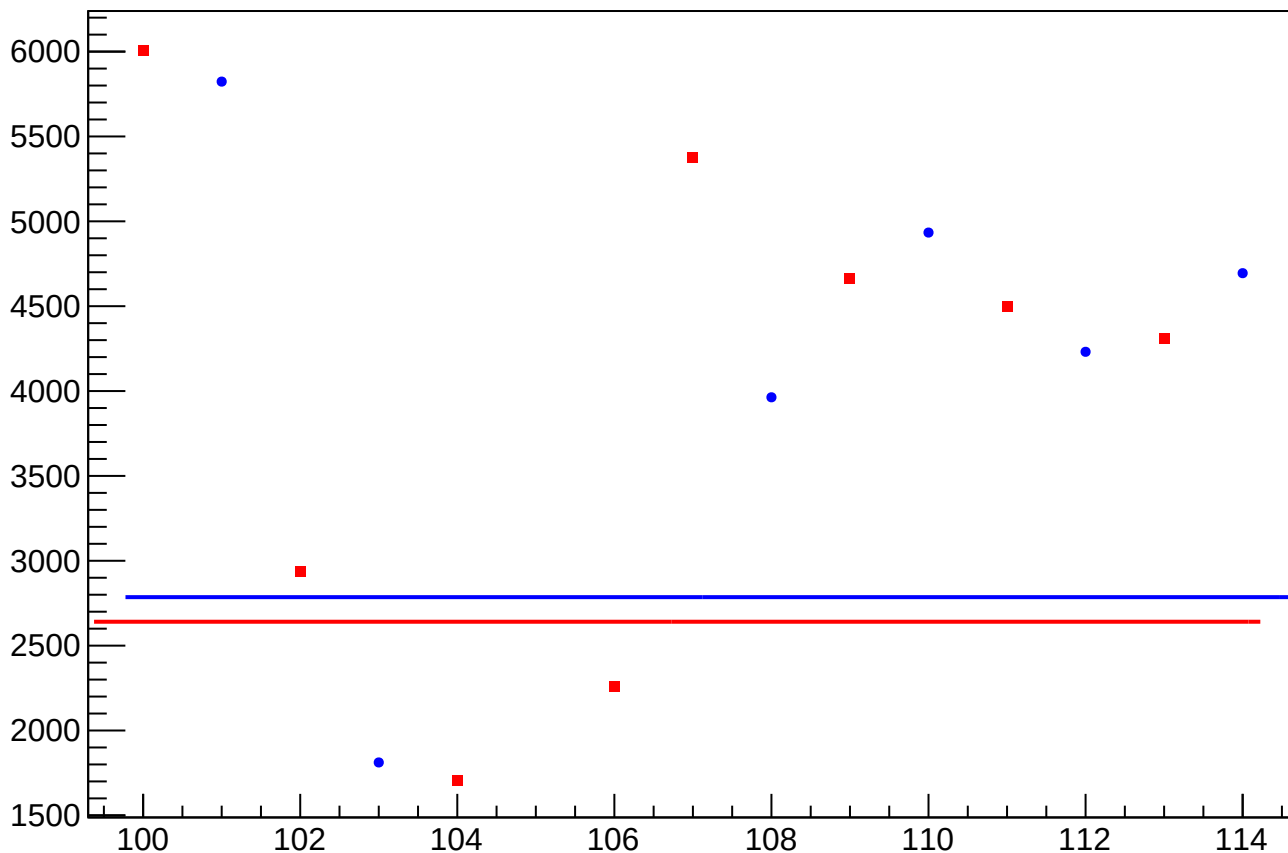
Right: 1814.708+/-1289.178 χ^2/NDF : 15.4/13

In: 3271.623+/-1926.892 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1814.708+/-1289.178 χ^2/NDF : 15.4/13

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

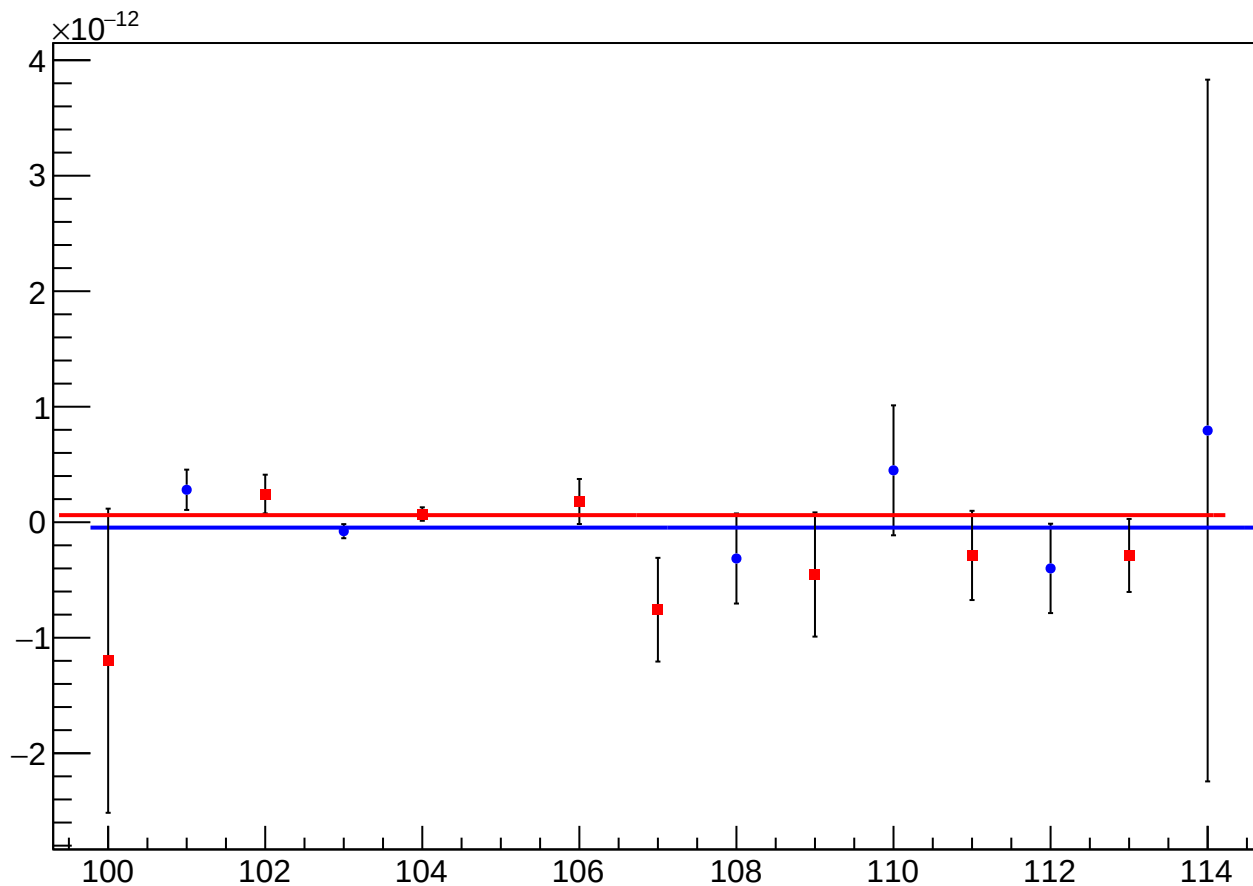
Right: 2704.068+/-0.900 χ^2/NDF : 2054154.7/13

In: 2785.724+/-1.362 χ^2/NDF : 1058531.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2704.068+/-0.900 χ^2/NDF : 2054154.7/13

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

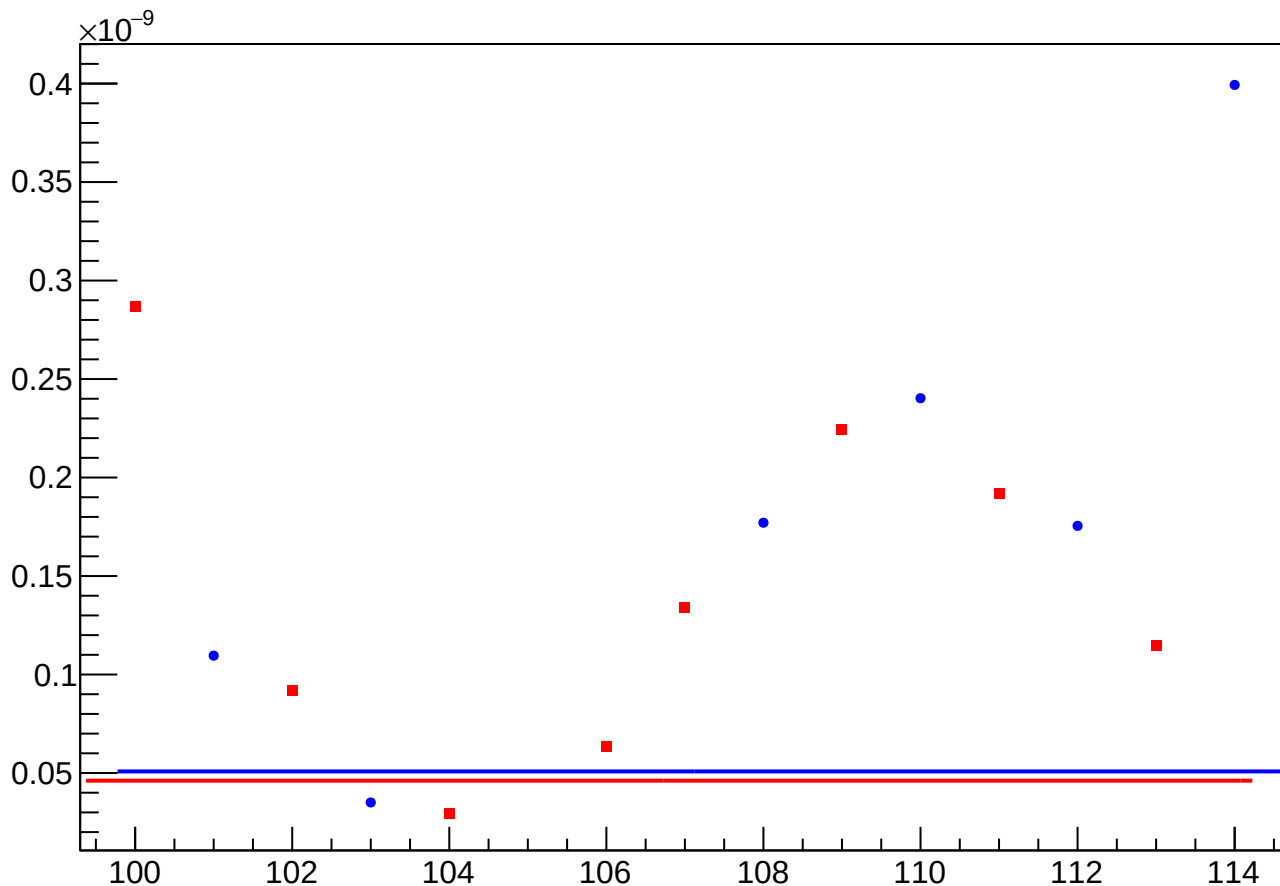
Right: 0.000+/-0.000 χ^2/NDF : 16.7/13

In: -0.000+/-0.000 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.7/13

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

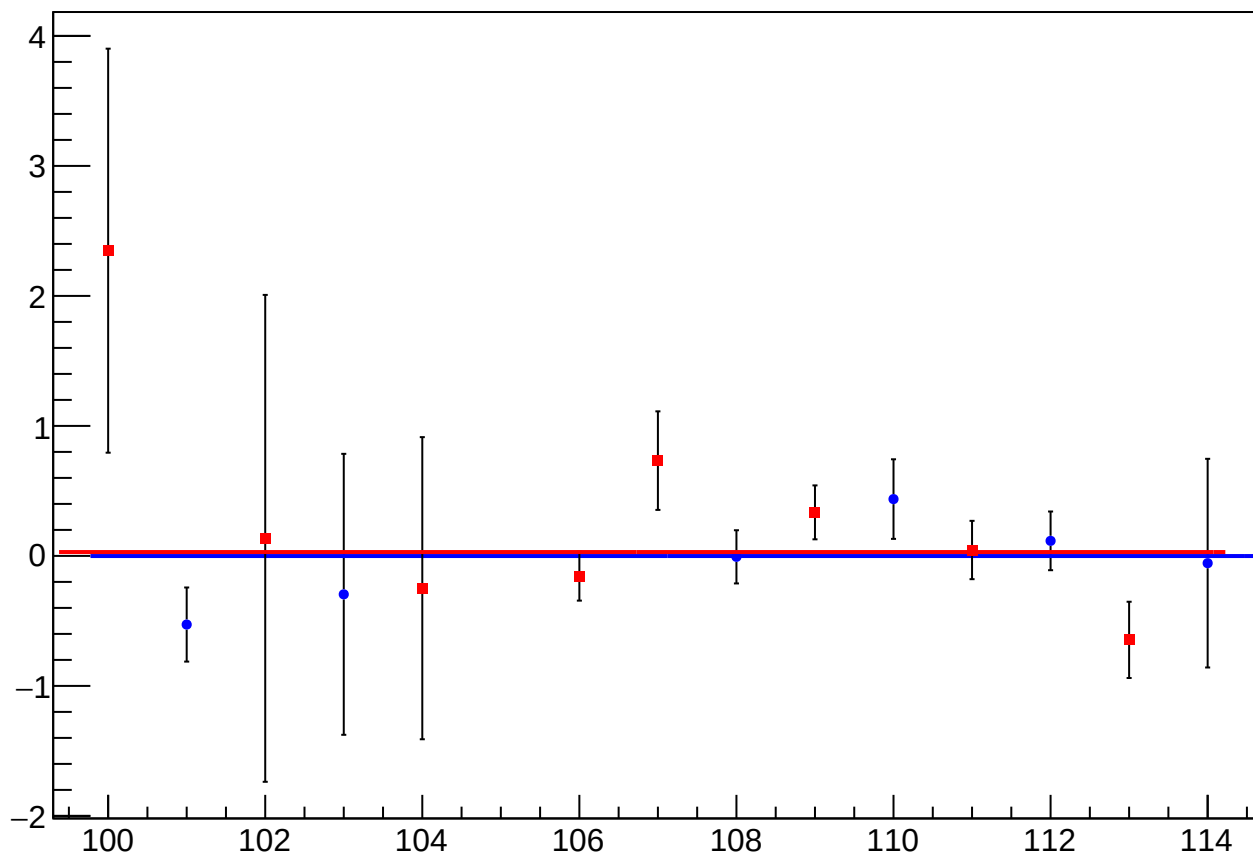
Right: 0.000+/-0.000 χ^2/NDF : 2110416.2/13

In: 0.000+/-0.000 χ^2/NDF : 1031412.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2110416.2/13

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

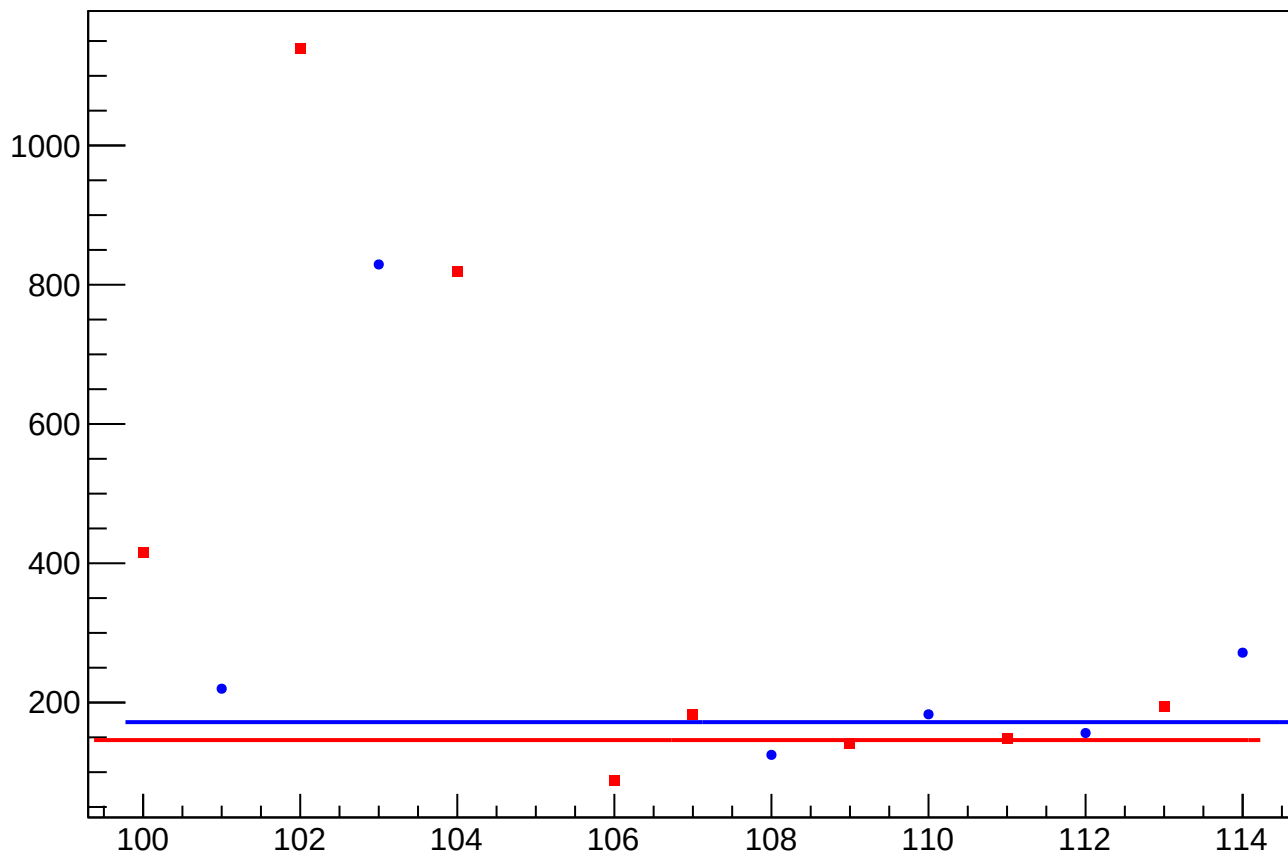
Right: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

In: -0.001 $\pm$ 0.120 χ^2 /NDF:5.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.837+/-0.085 χ^2/NDF : 945319.0/5

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

Right Out: 146.076+/-0.074 χ^2/NDF : 1558243.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

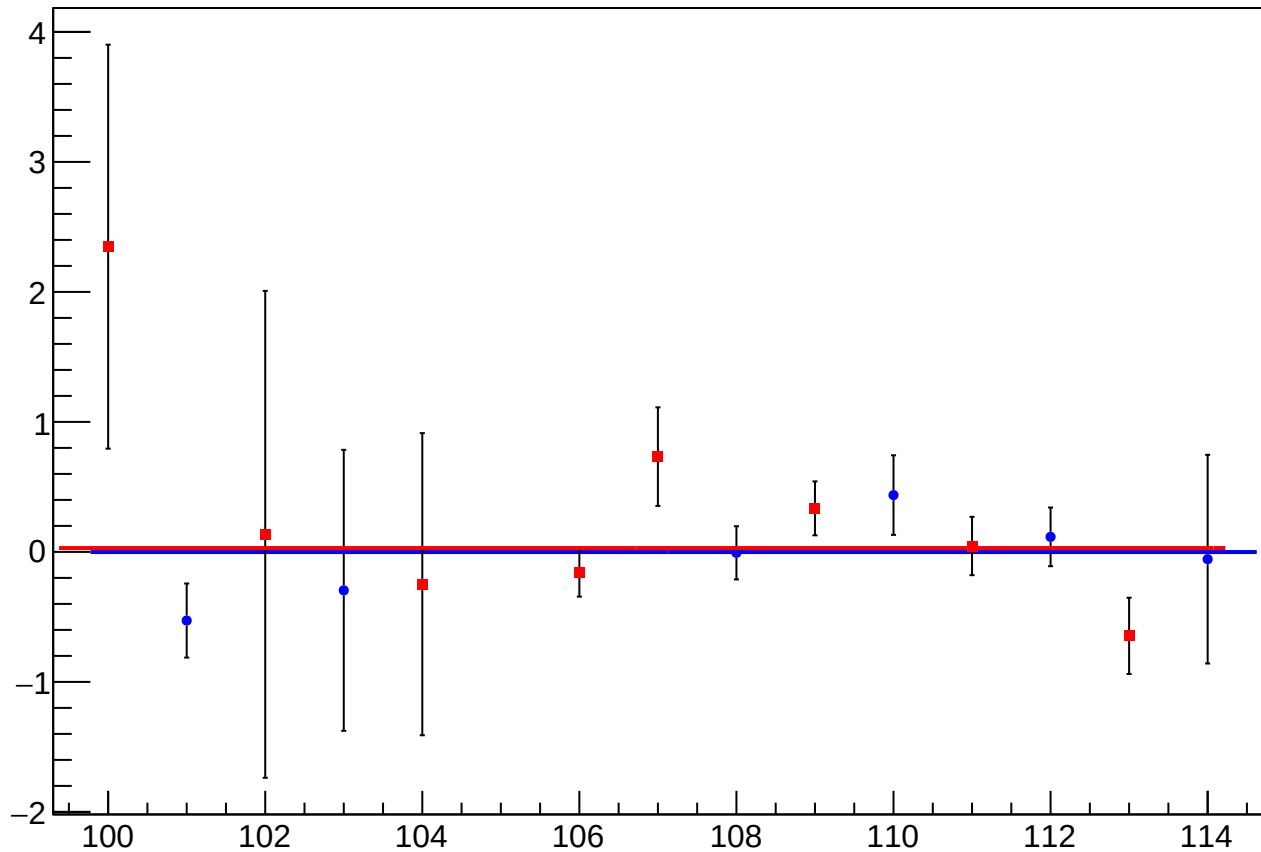
Right: 157.151+/-0.056 χ^2/NDF : 2555691.9/13

In: 171.837+/-0.085 χ^2/NDF :945319.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 157.151+/-0.056 χ^2/NDF : 2555691.9/13

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

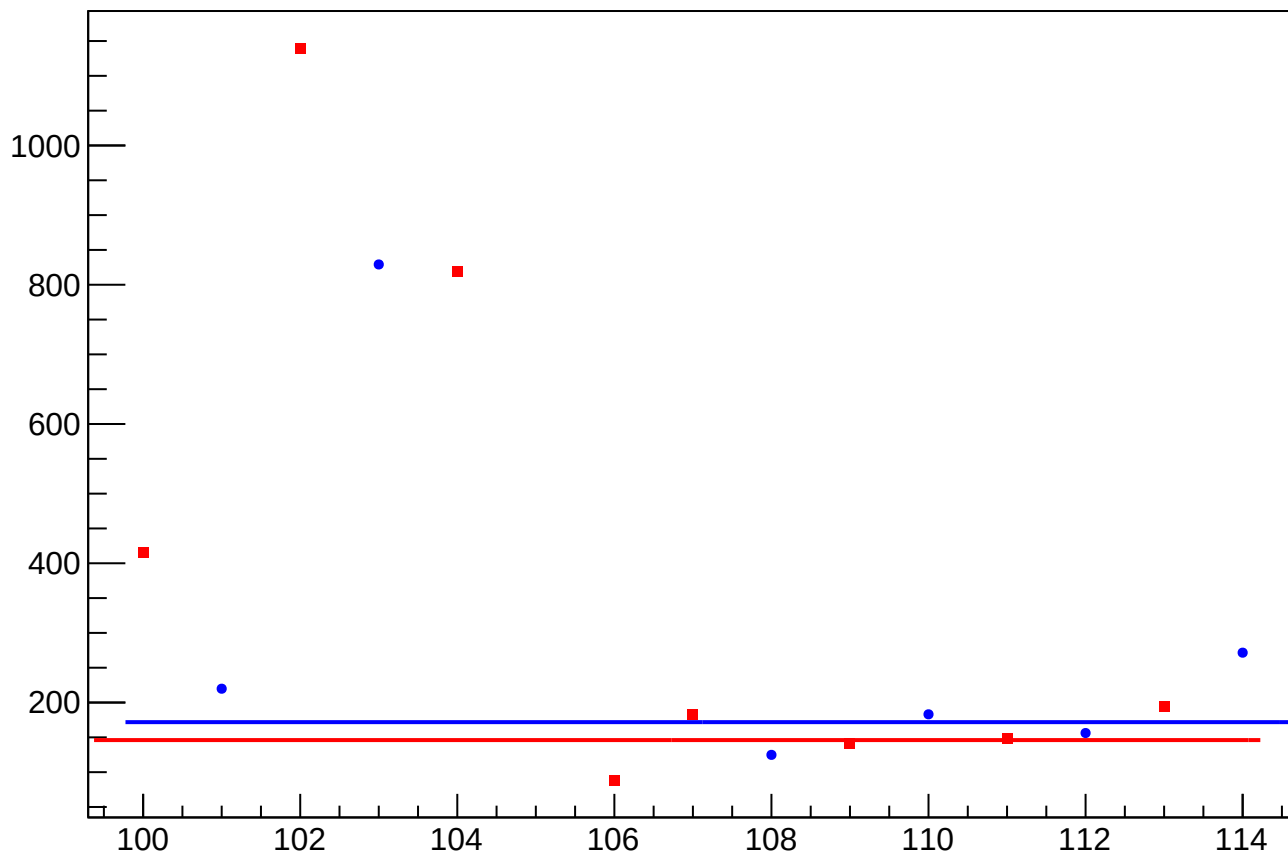
Right: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

In: -0.001 $\pm$ 0.120 χ^2 /NDF:5.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.837+/-0.085 χ^2/NDF : 945319.0/5

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

Right Out: 146.076+/-0.074 χ^2/NDF : 1558243.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

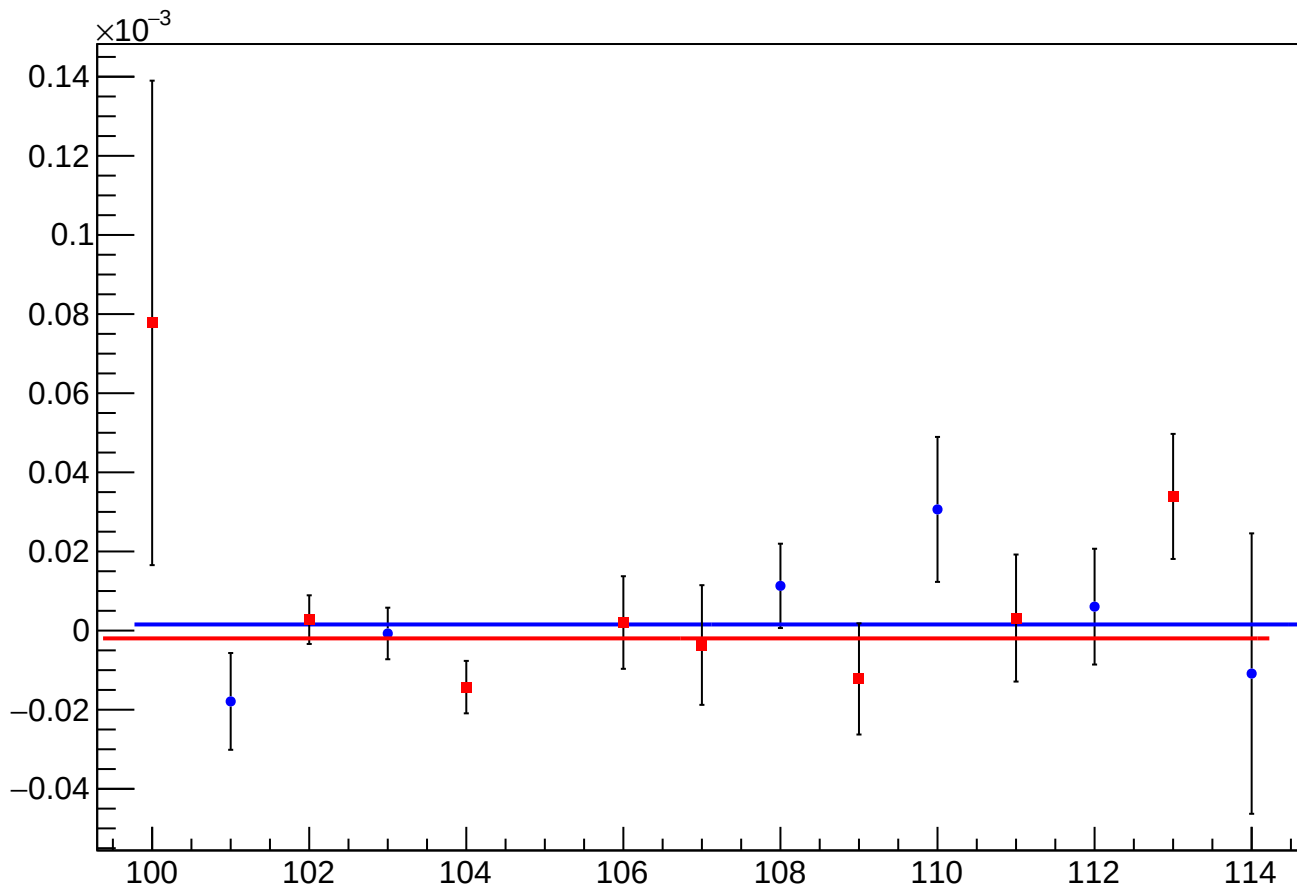
Right: 157.151+/-0.056 χ^2/NDF : 2555691.9/13

In: 171.837+/-0.085 χ^2/NDF : 945319.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.151+/-0.056 χ^2/NDF : 2555691.9/13

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

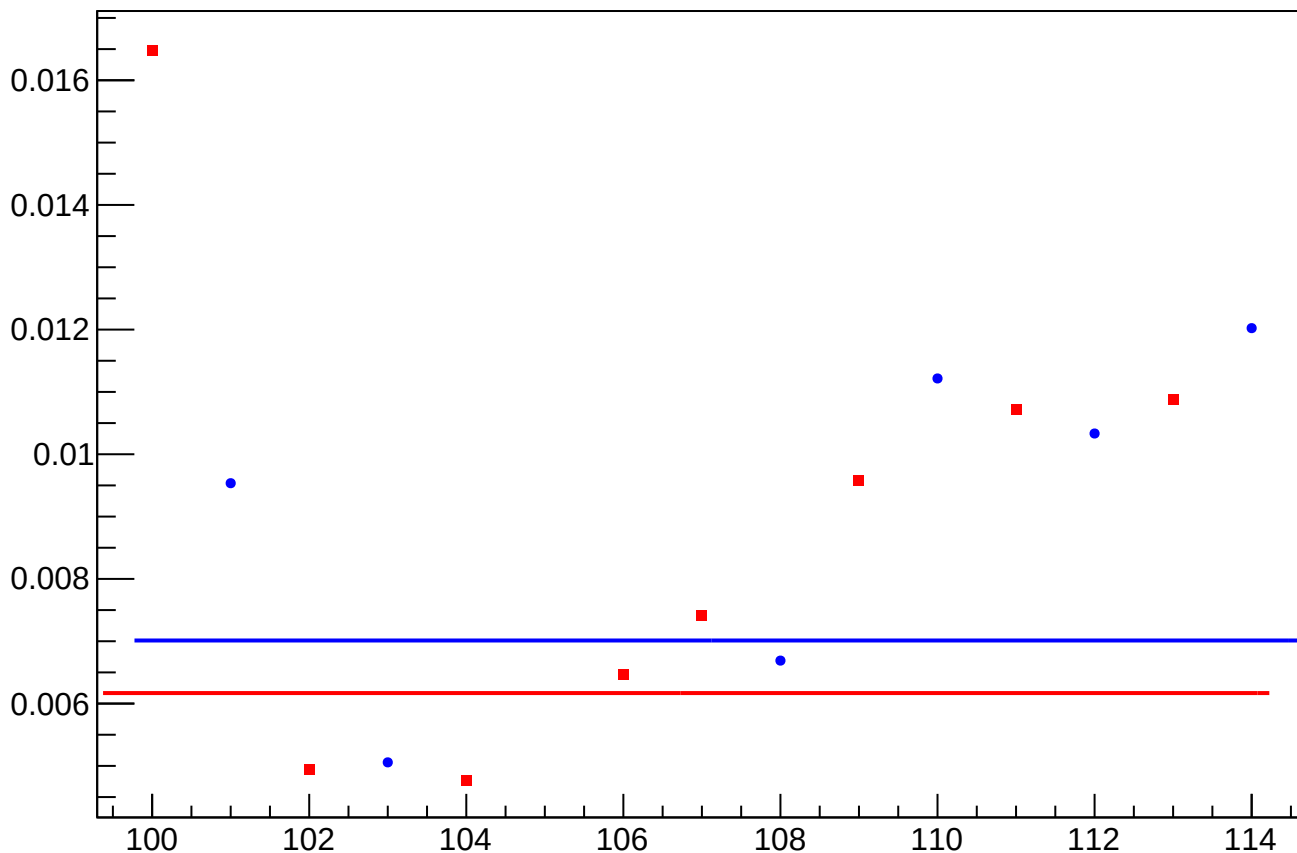
Right: -0.000+/-0.000 χ^2/NDF : 18.2/13

In: 0.000+/-0.000 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/13

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

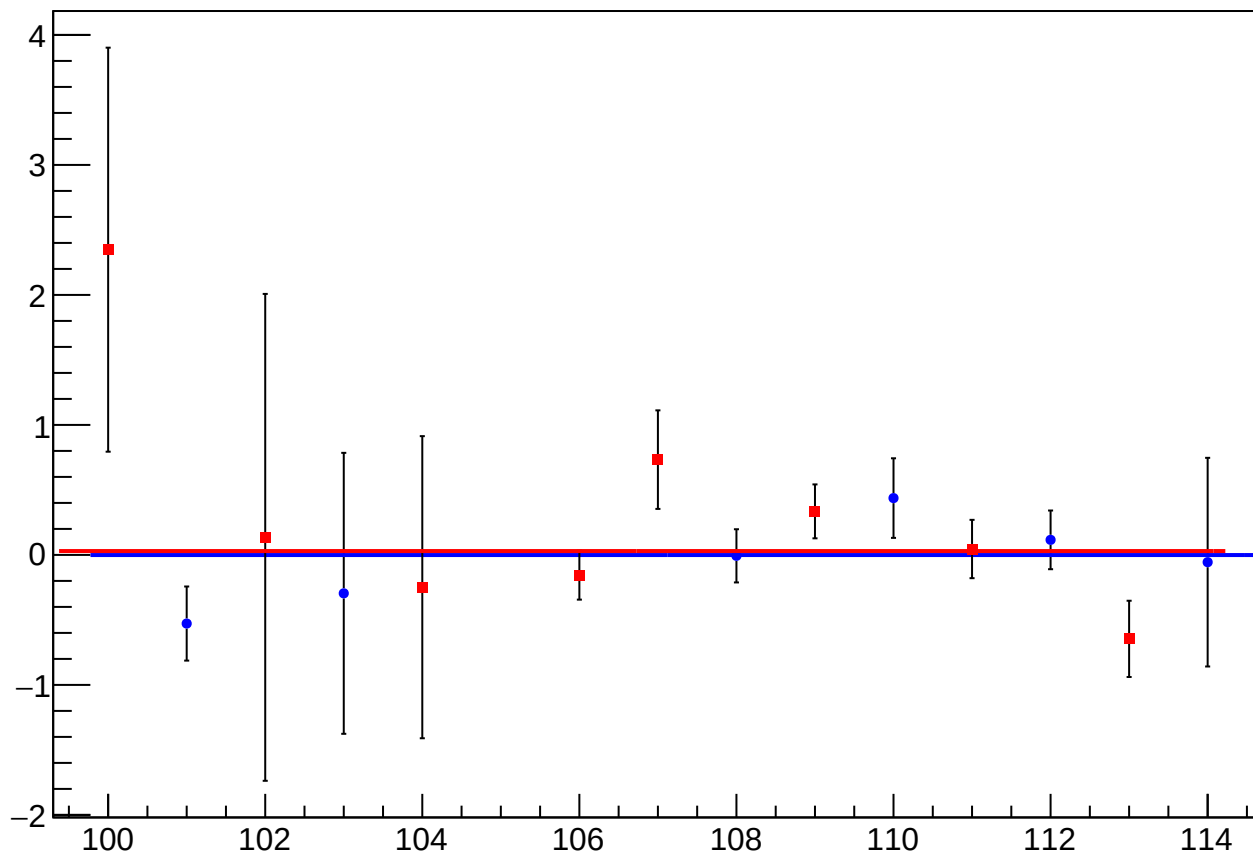
Right: 0.006+/-0.000 χ^2/NDF : 1253278.2/13

In: 0.007+/-0.000 χ^2/NDF : 515255.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1253278.2/13

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

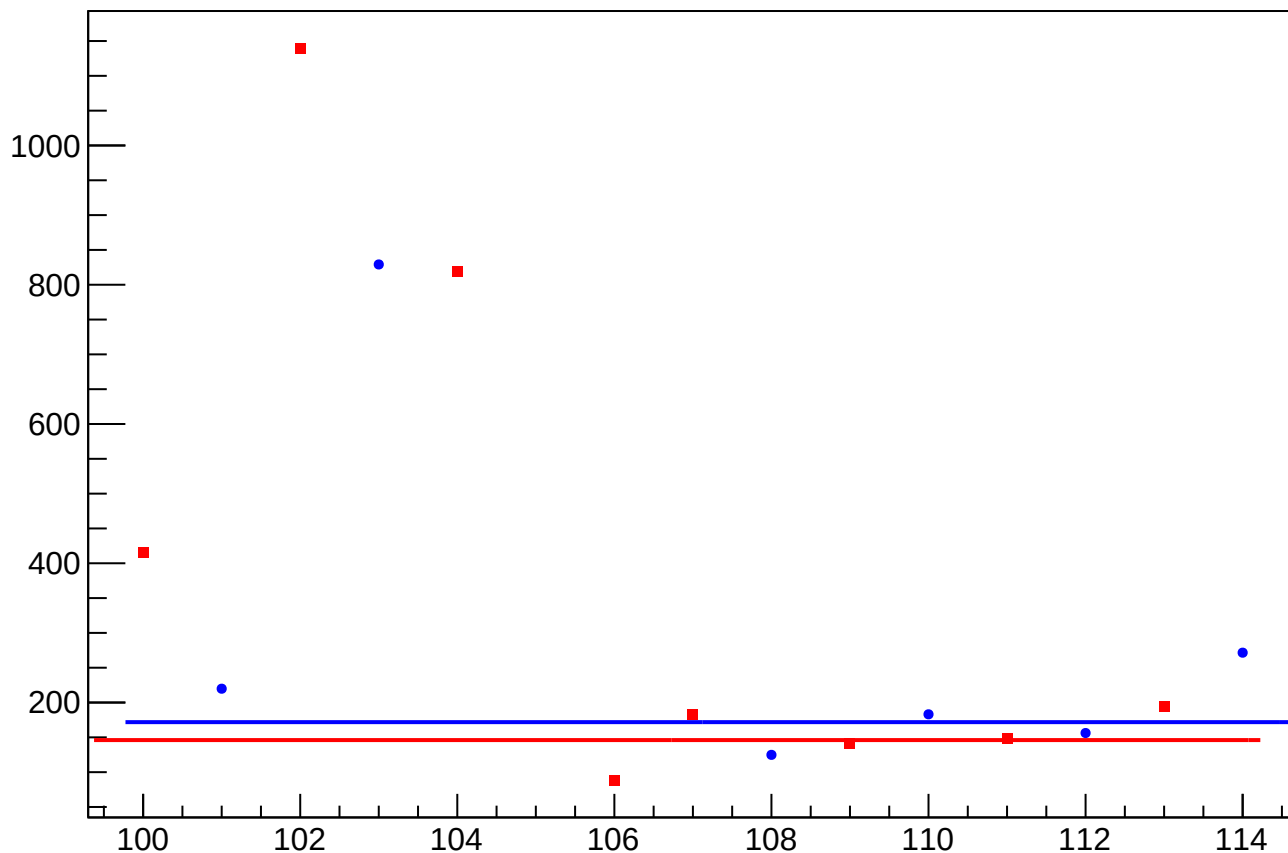
Right: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

In: -0.001 $\pm$ 0.120 χ^2 /NDF:5.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

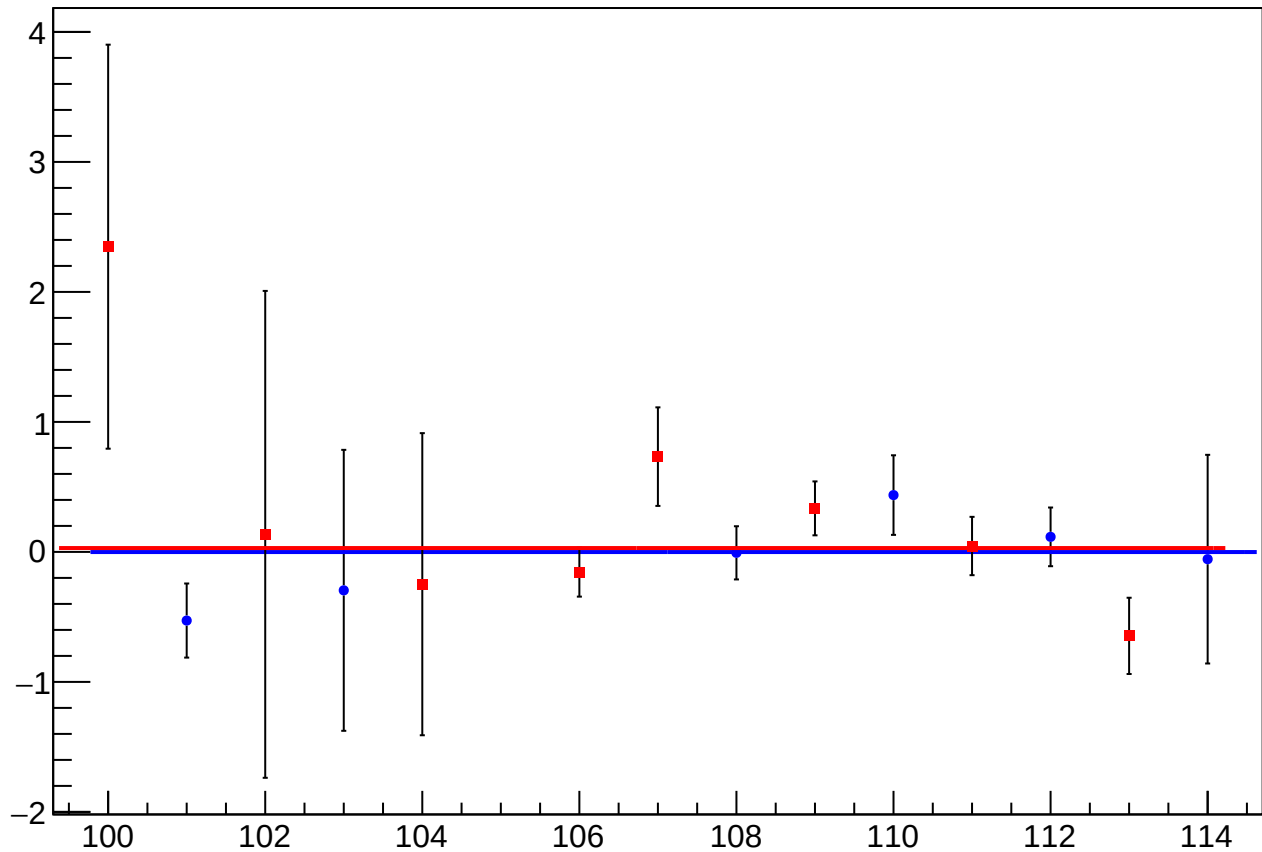
Right: 157.152+/-0.056 χ^2/NDF : 2555690.1/13

In: 171.840+/-0.085 χ^2/NDF : 945294.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.152+/-0.056 χ^2/NDF : 2555690.1/13

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

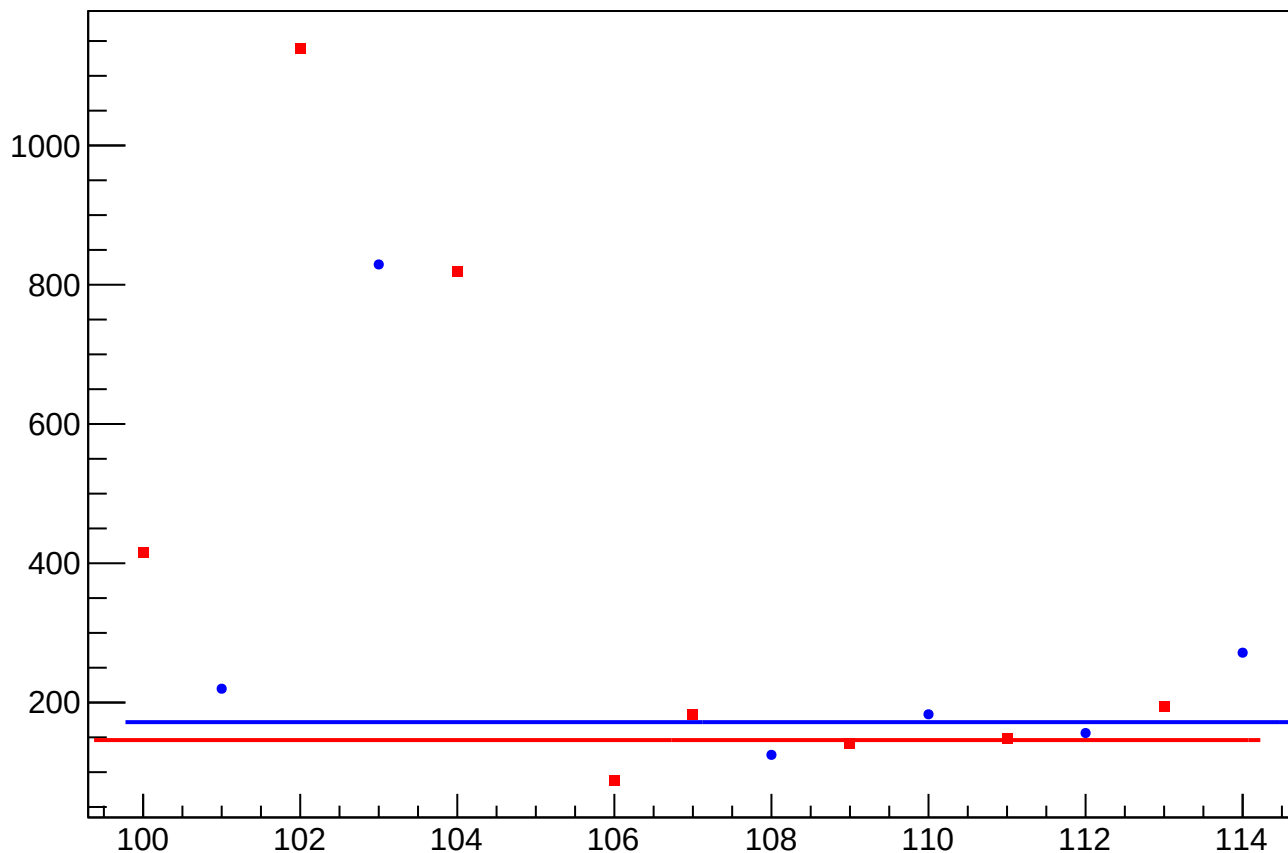
Right: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

In: -0.001 $\pm$ 0.120 χ^2 /NDF:5.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.079 χ^2 /NDF: 20.0/13

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

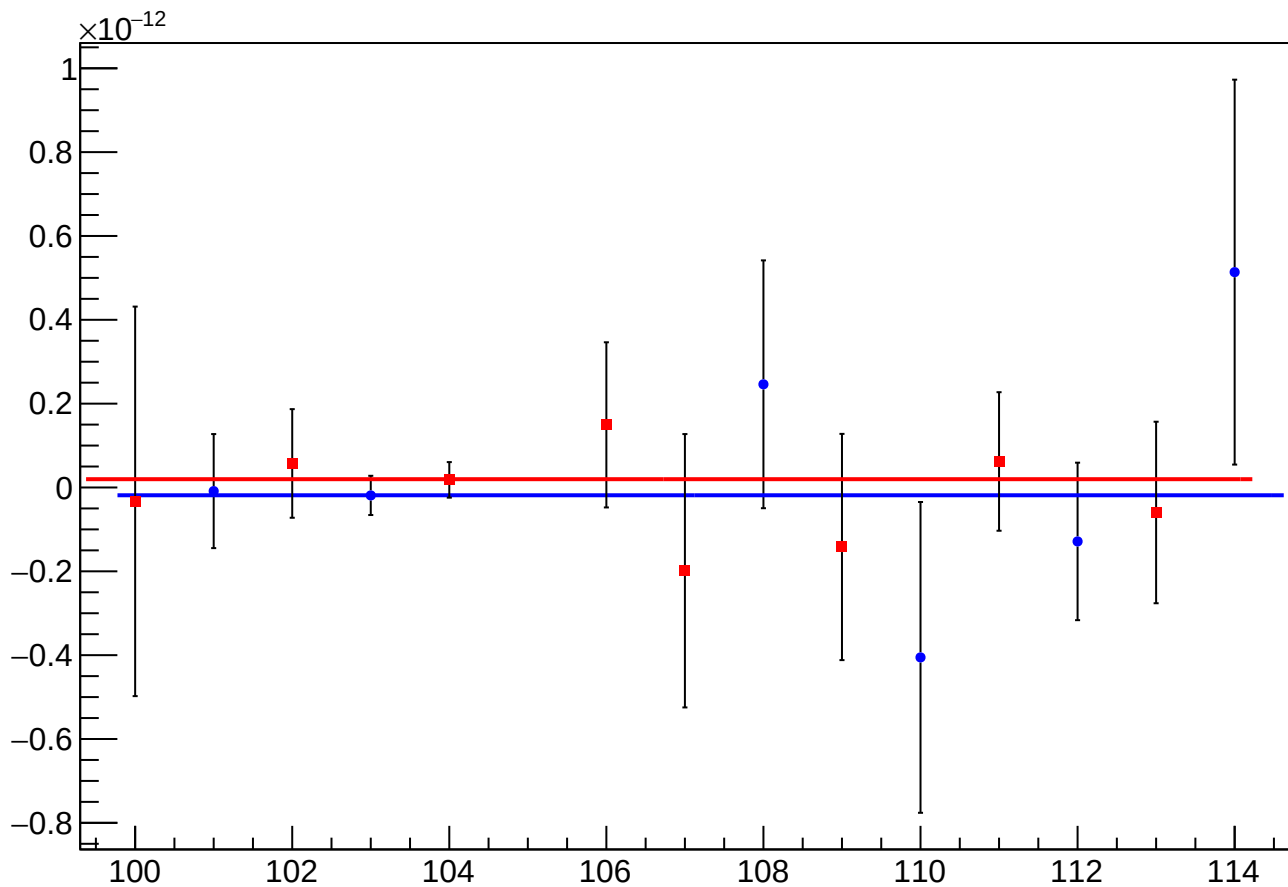
Right: 157.152+/-0.056 χ^2/NDF : 2555690.1/13

In: 171.840+/-0.085 χ^2/NDF : 945294.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.152+/-0.056 χ^2/NDF : 2555690.1/13

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

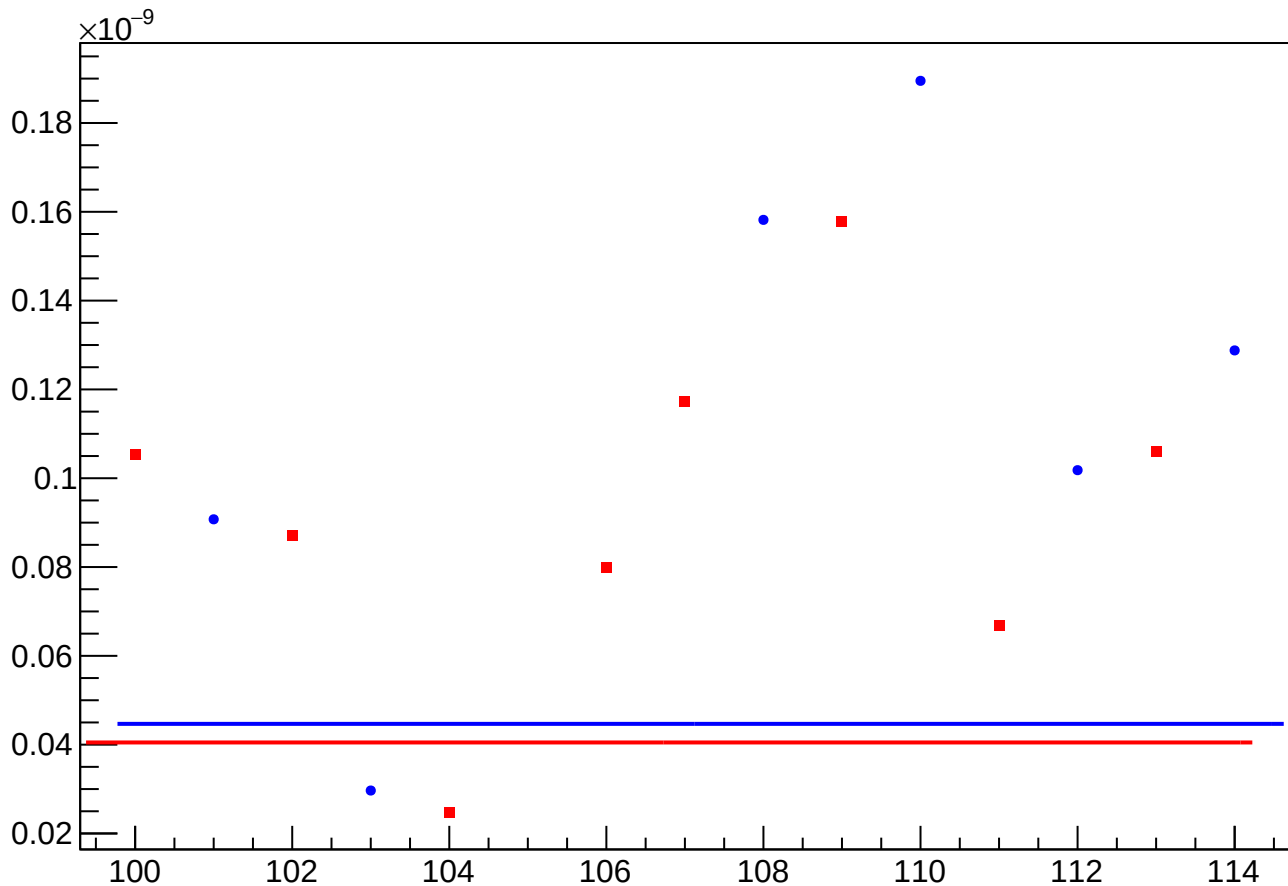
Right: 0.000+/-0.000 χ^2/NDF : 5.6/13

In: -0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.6/13

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

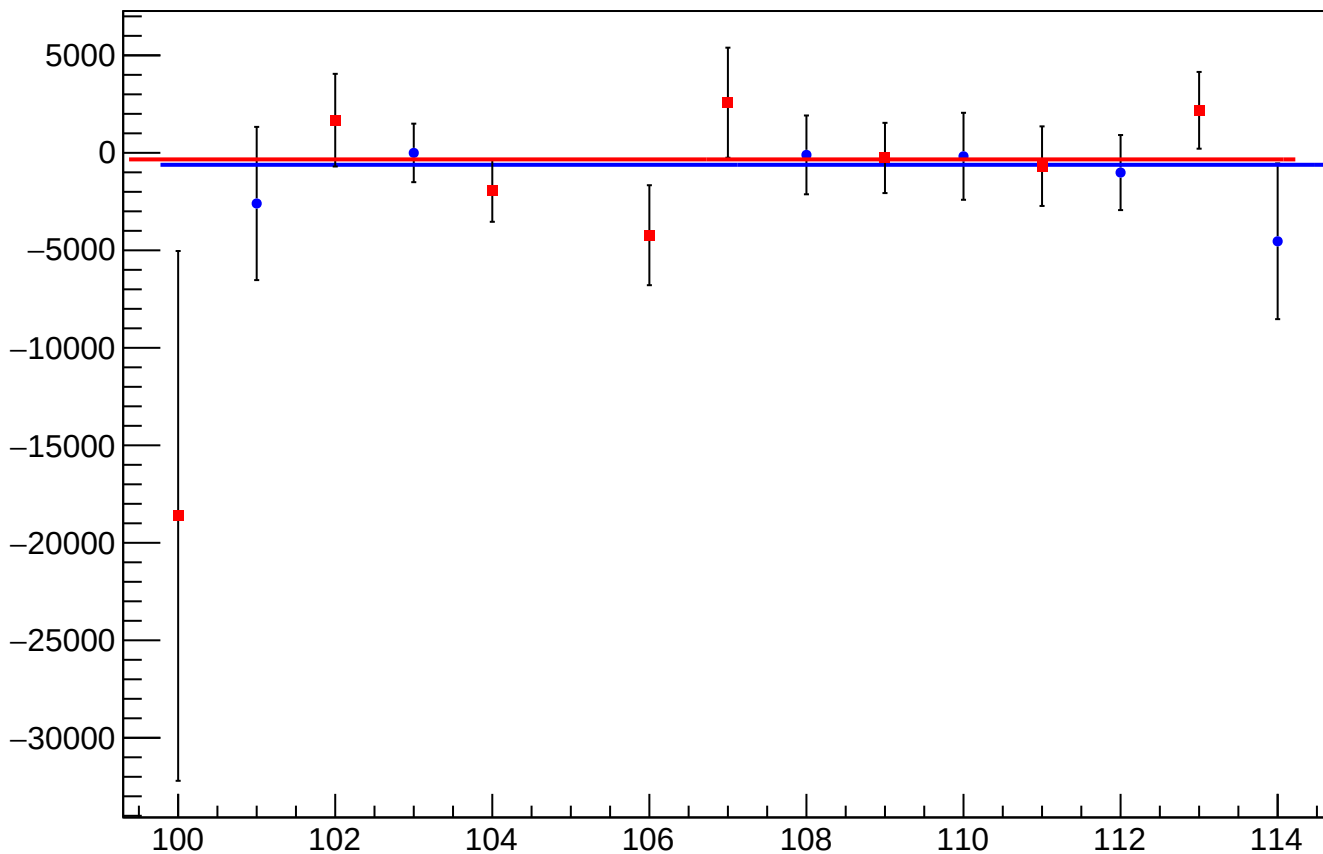
Right: 0.000+/-0.000 χ^2/NDF : 2679034.3/13

In: 0.000+/-0.000 χ^2/NDF : 1287544.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2679034.3/13

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

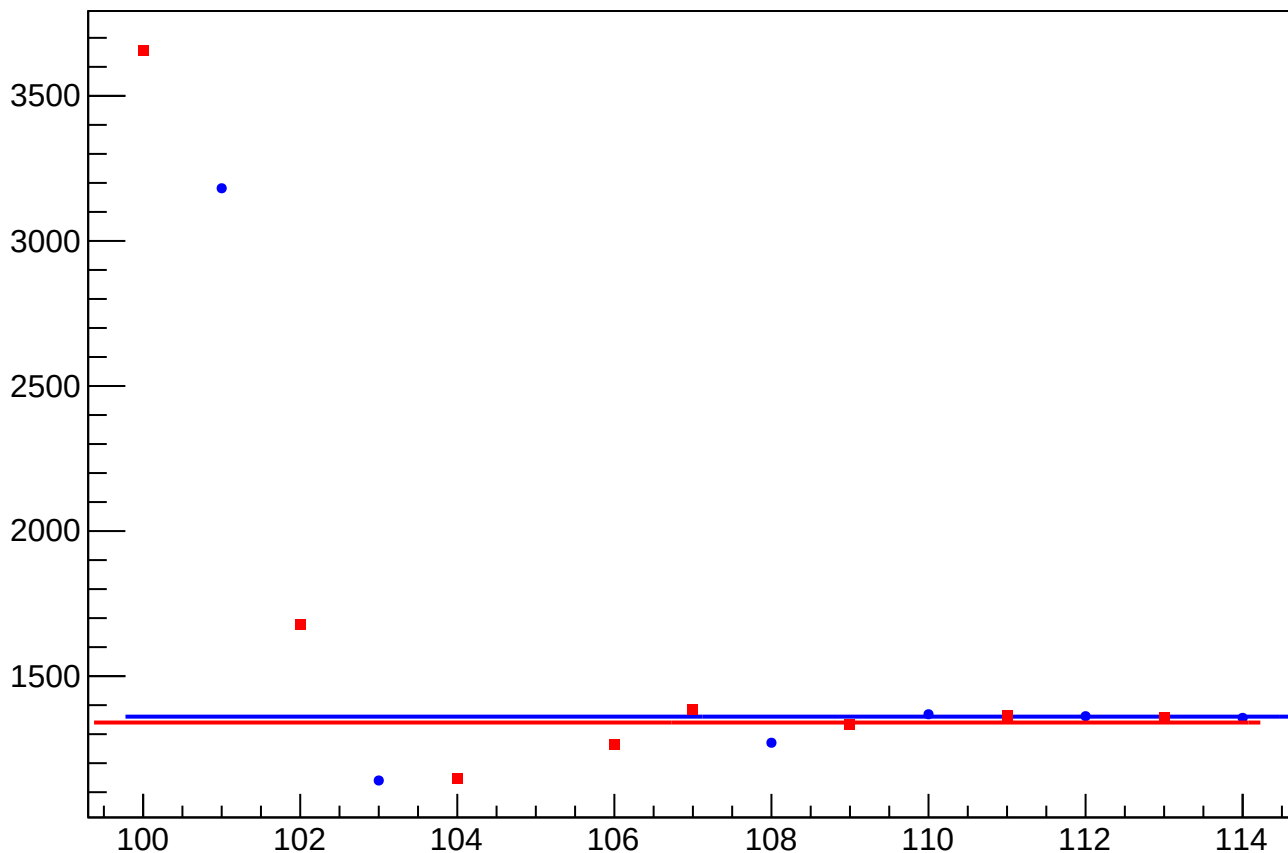
Right: -457.212+/-582.944 χ^2 /NDF: 10.1/13

In: -612.843+/-881.285 χ^2 /NDF:1.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -457.212+/-582.944 χ^2 /NDF: 10.1/13

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.402+/-0.623 χ^2/NDF : 476807.1/5

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

Right Out: 1340.093+/-0.550 χ^2/NDF : 129502.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

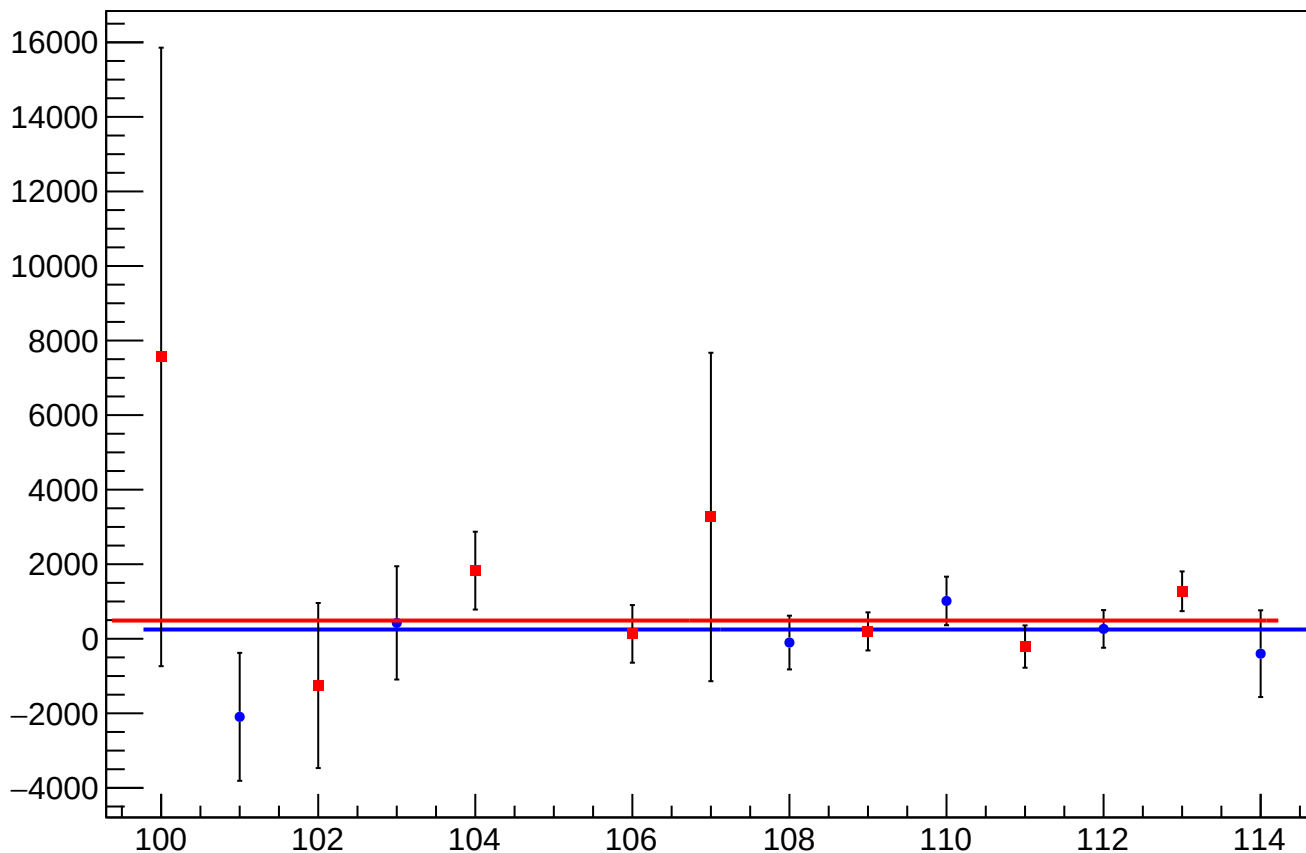
Right: 1348.979+/-0.412 χ^2/NDF : 606907.0/13

In: 1360.402+/-0.623 χ^2/NDF : 476807.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.979+/-0.412 χ^2/NDF : 606907.0/13

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 248.309+/-320.917 χ^2/NDF : 3.8/5

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

Right Out: 489.238+/-274.020 χ^2/NDF : 7.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

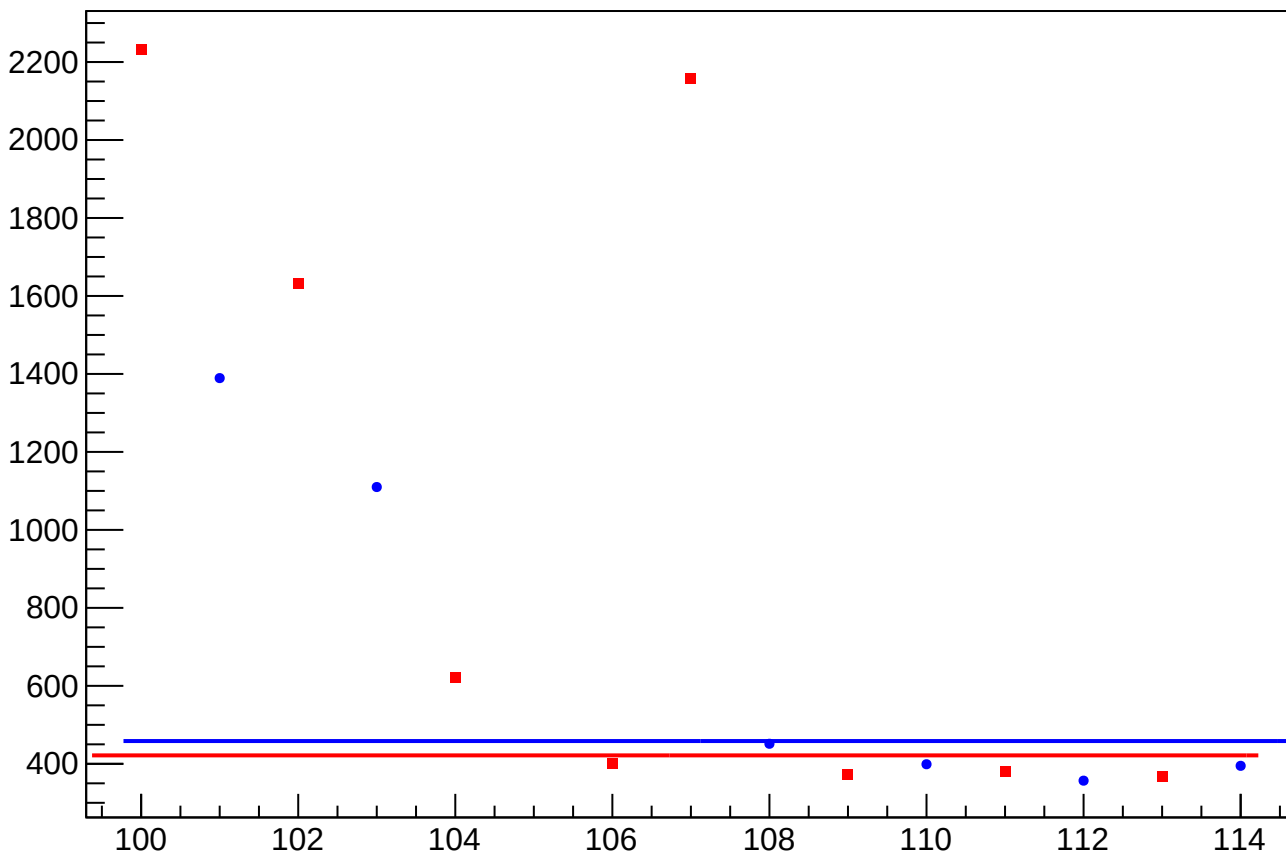
Right: 387.648+/-208.389 χ^2/NDF : 11.7/13

In: 248.309+/-320.917 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.648+/-208.389 χ^2/NDF : 11.7/13

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

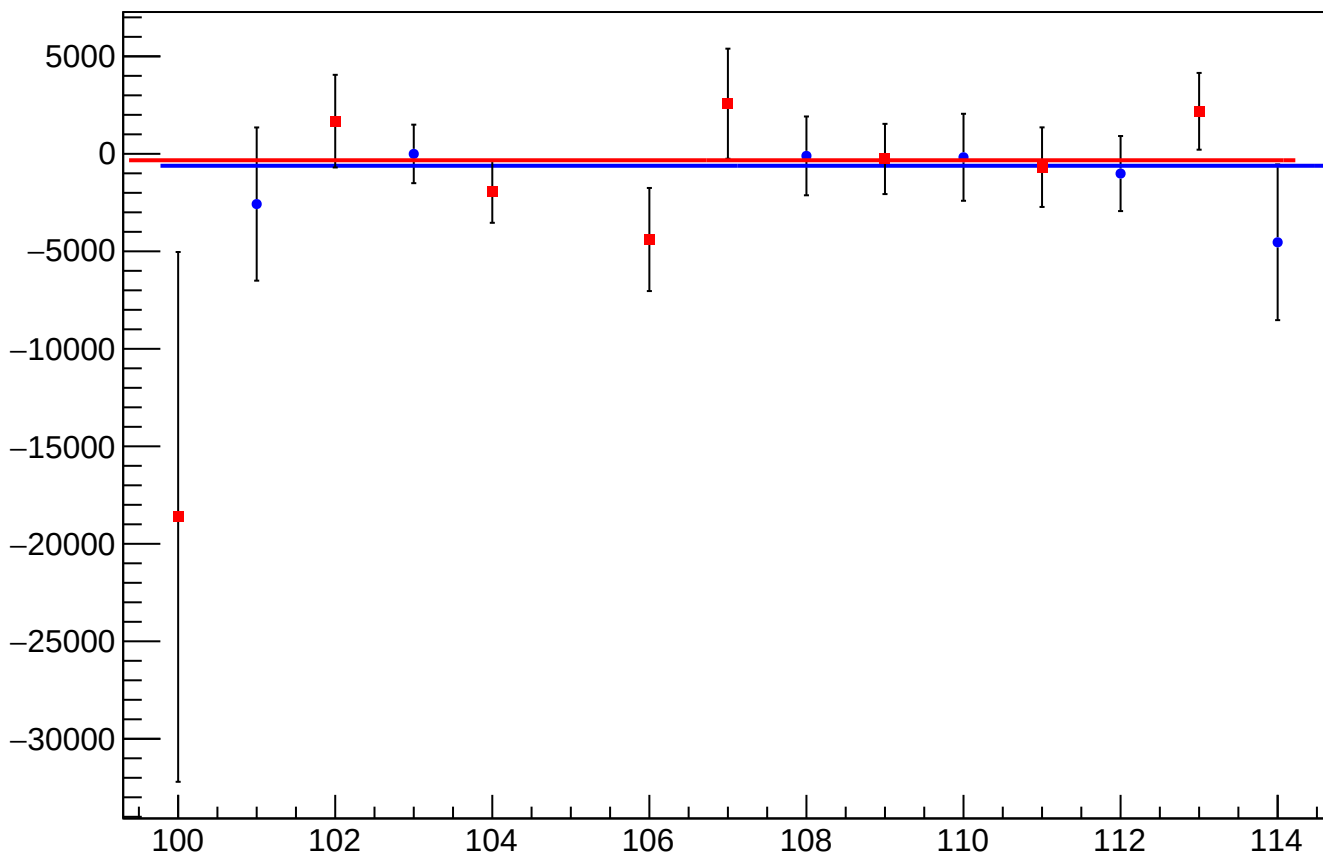
Right: 437.171+/-0.147 χ^2/NDF : 2203417.4/13

In: 458.435+/-0.227 χ^2/NDF : 1059914.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.171+/-0.147 χ^2/NDF : 2203417.4/13

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

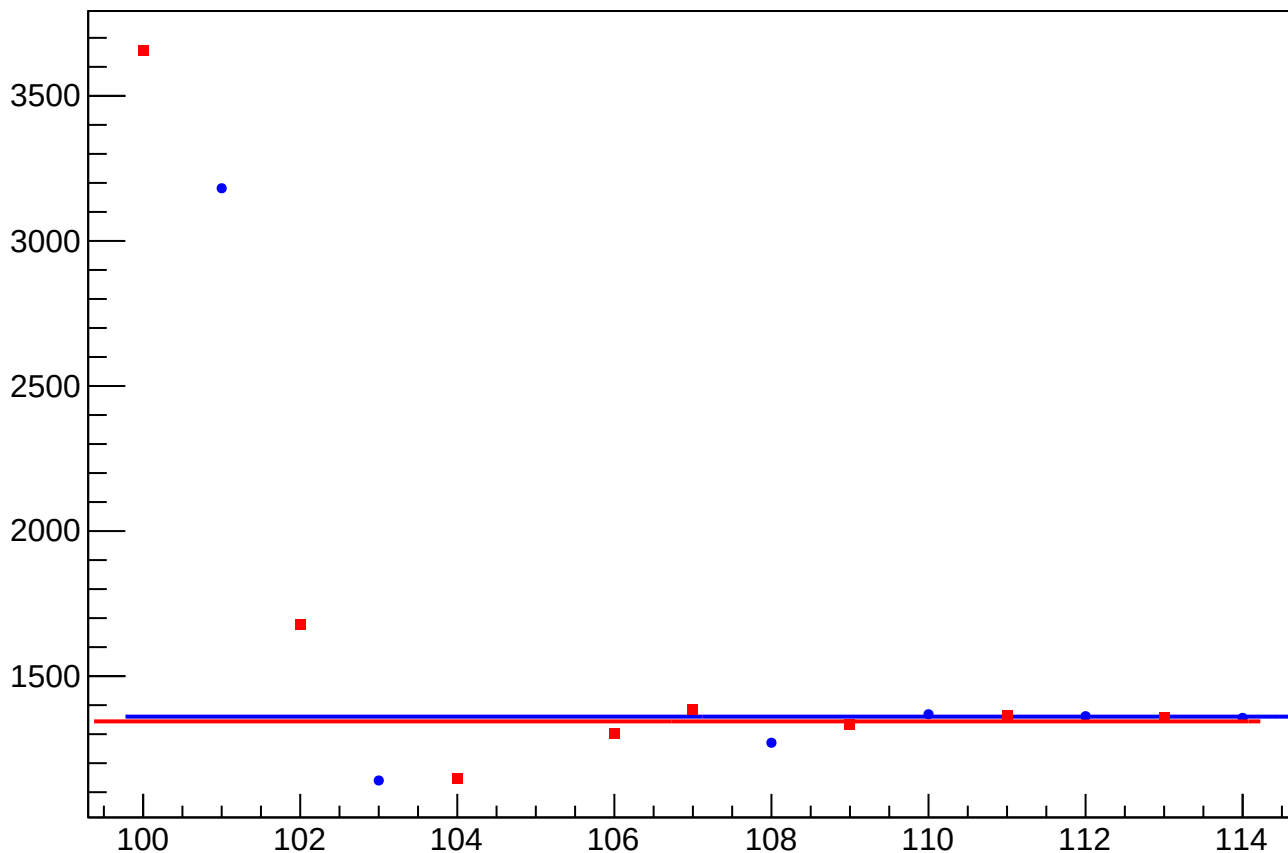
Right: -453.266+/-583.848 χ^2/NDF : 10.2/13

In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.266+/-583.848 χ^2/NDF : 10.2/13

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.402+/-0.623 χ^2/NDF : 476808.8/5

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

Right Out: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

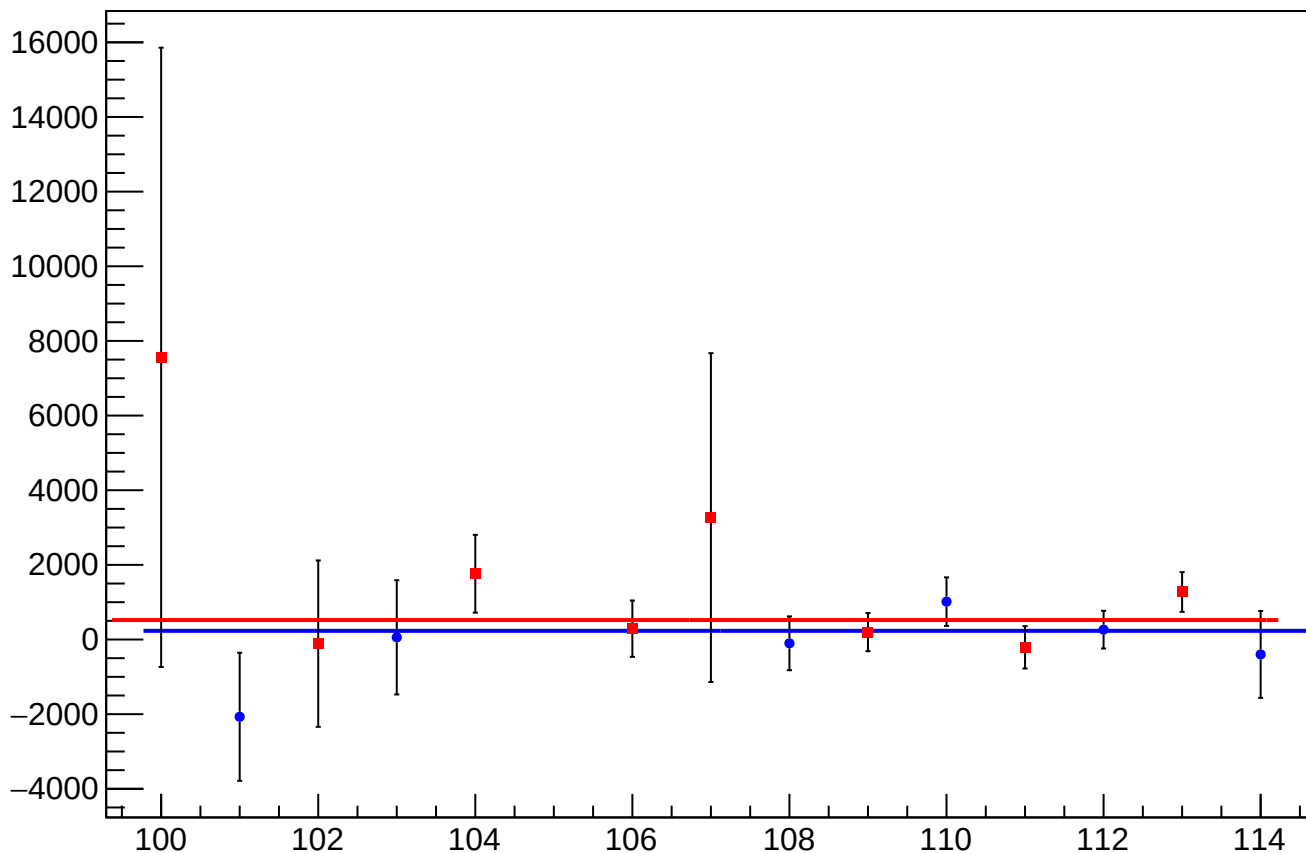
Right: 1351.234+/-0.413 χ^2/NDF : 605215.4/13

In: 1360.402+/-0.623 χ^2/NDF : 476808.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.234+/-0.413 χ^2/NDF : 605215.4/13

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

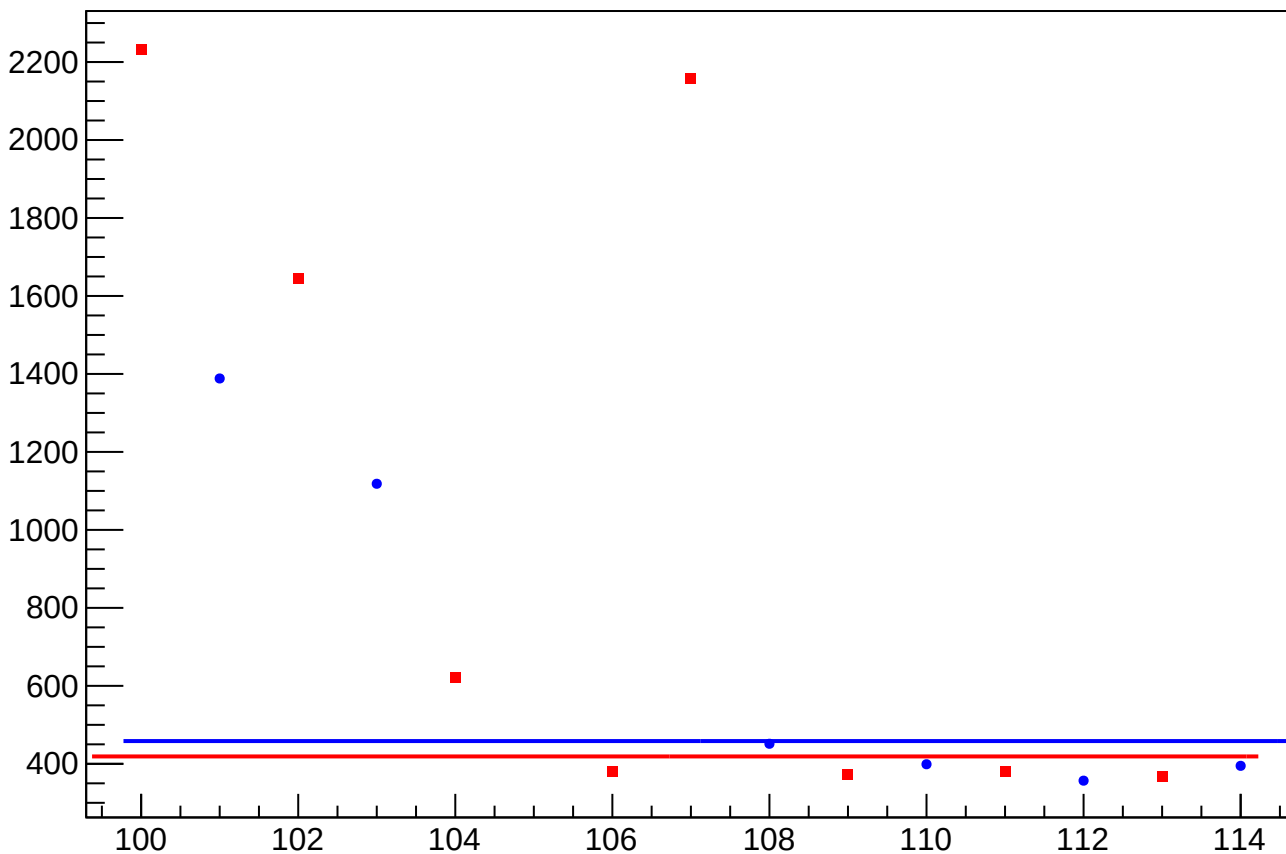
Right: 399.899+/-208.043 χ^2/NDF : 11.0/13

In: 232.773+/-321.014 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.899+/-208.043 χ^2/NDF : 11.0/13

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

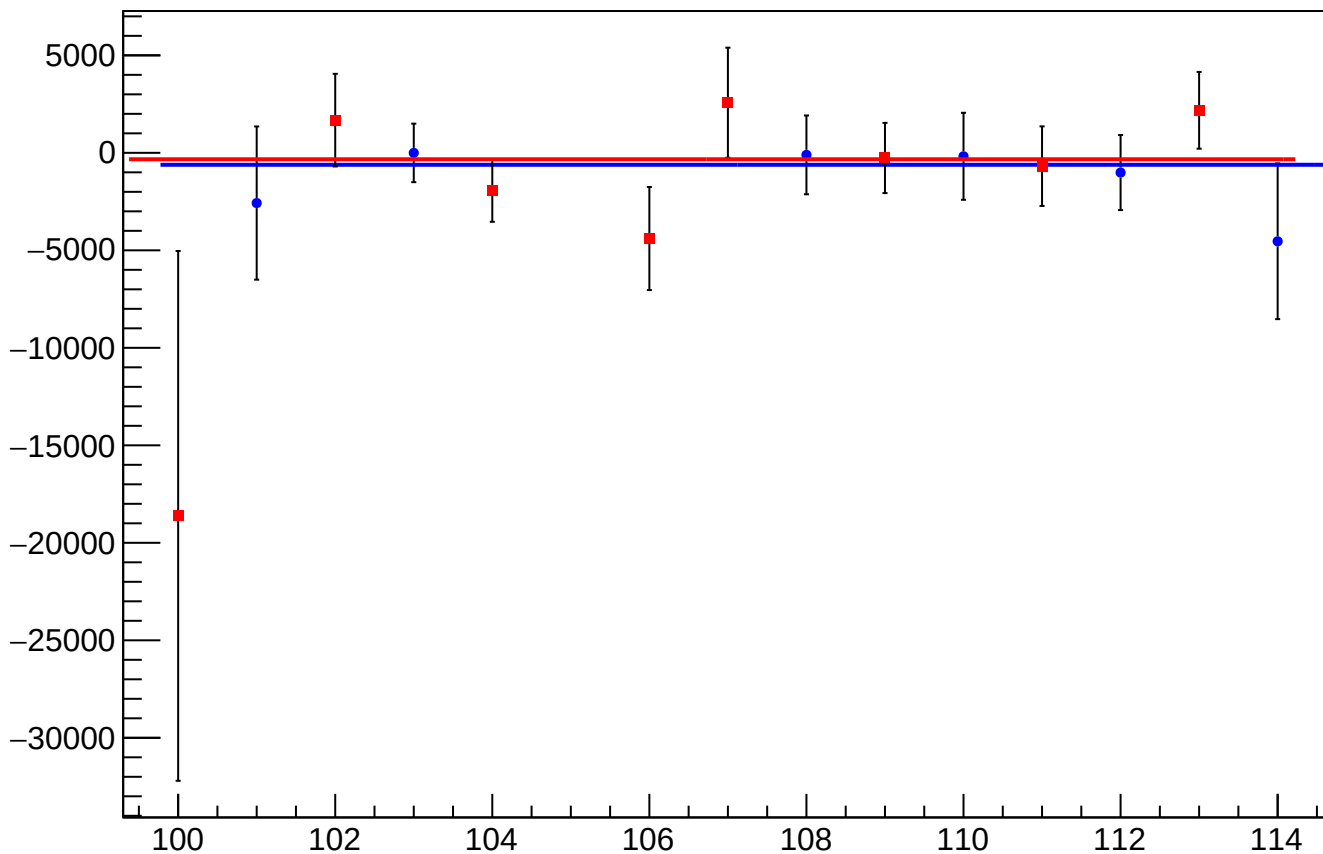
Right: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

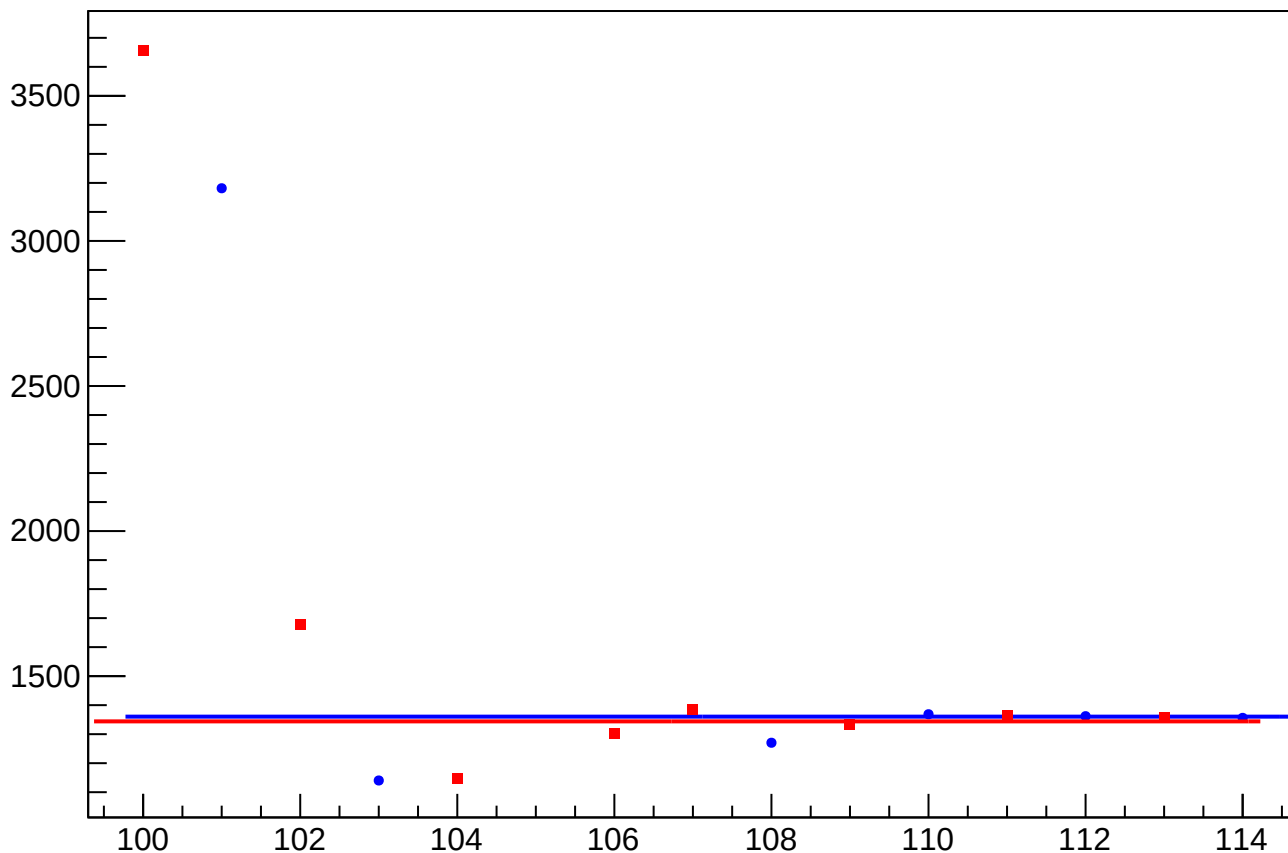
Right: -453.266+/-583.848 χ^2 /NDF: 10.2/13

In: -611.585+/-881.286 χ^2 /NDF:1.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -453.266+/-583.848 χ^2 /NDF: 10.2/13

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.402+/-0.623 χ^2/NDF : 476808.8/5

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

Right Out: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

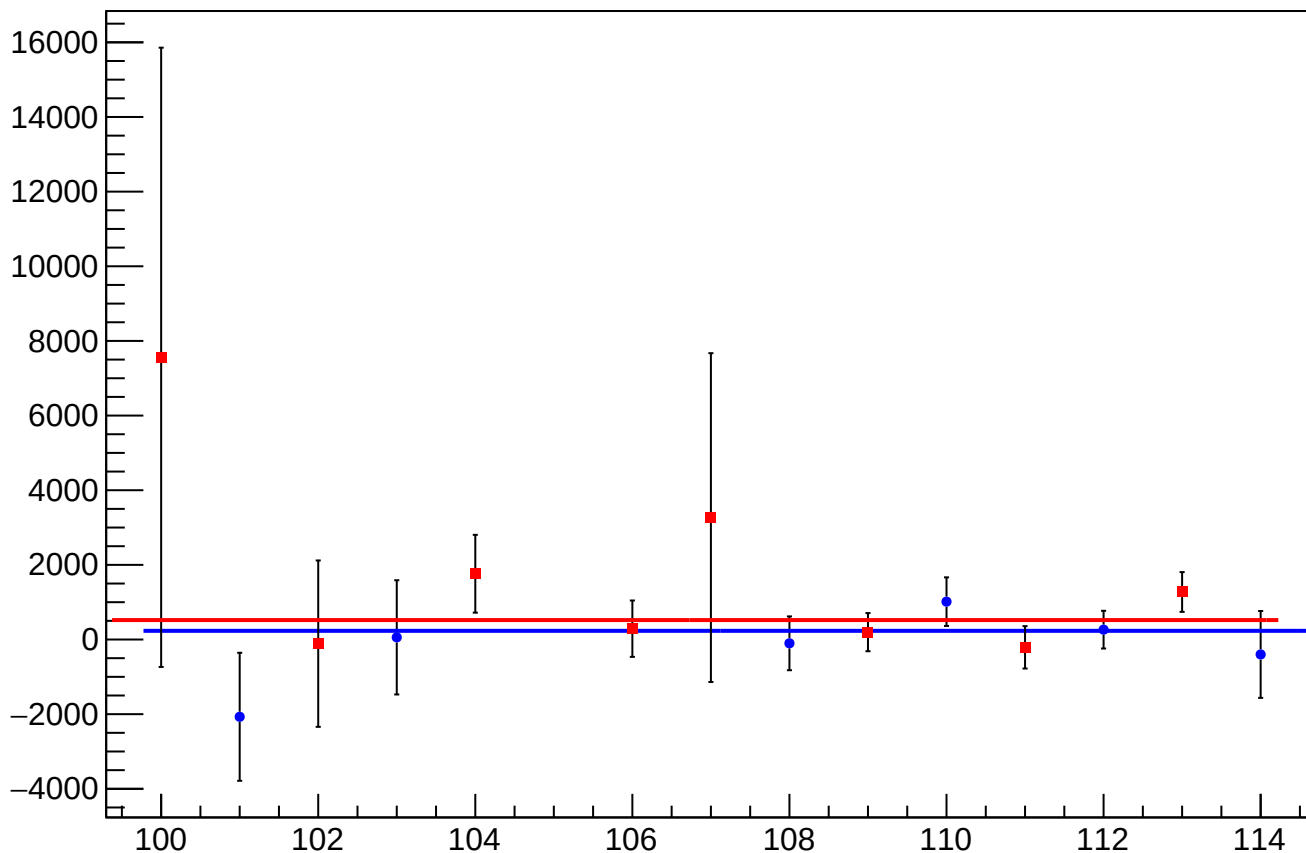
Right: 1351.234+/-0.413 χ^2/NDF : 605215.4/13

In: 1360.402+/-0.623 χ^2/NDF : 476808.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.234+/-0.413 χ^2/NDF : 605215.4/13

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

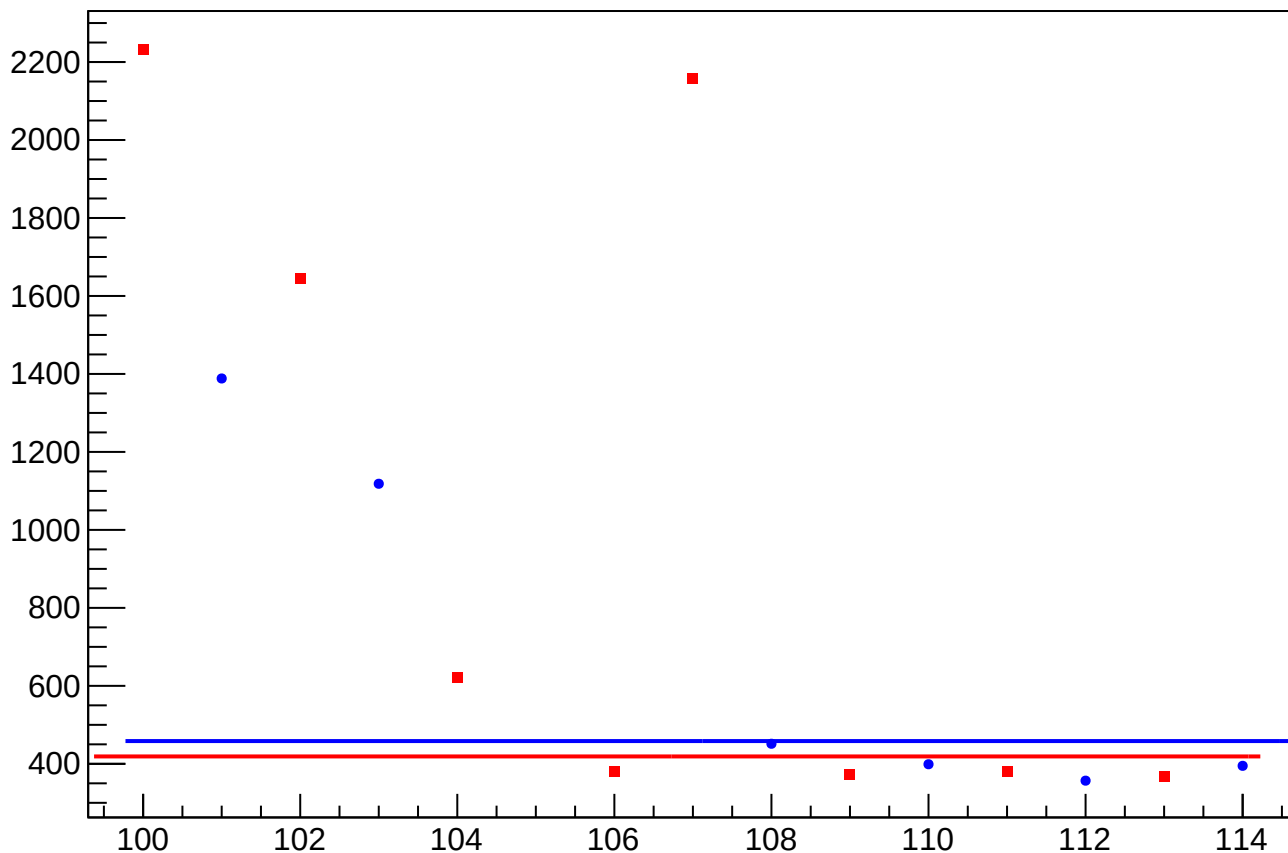
Right: 399.899+/-208.043 χ^2/NDF : 11.0/13

In: 232.773+/-321.014 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.899+/-208.043 χ^2/NDF : 11.0/13

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

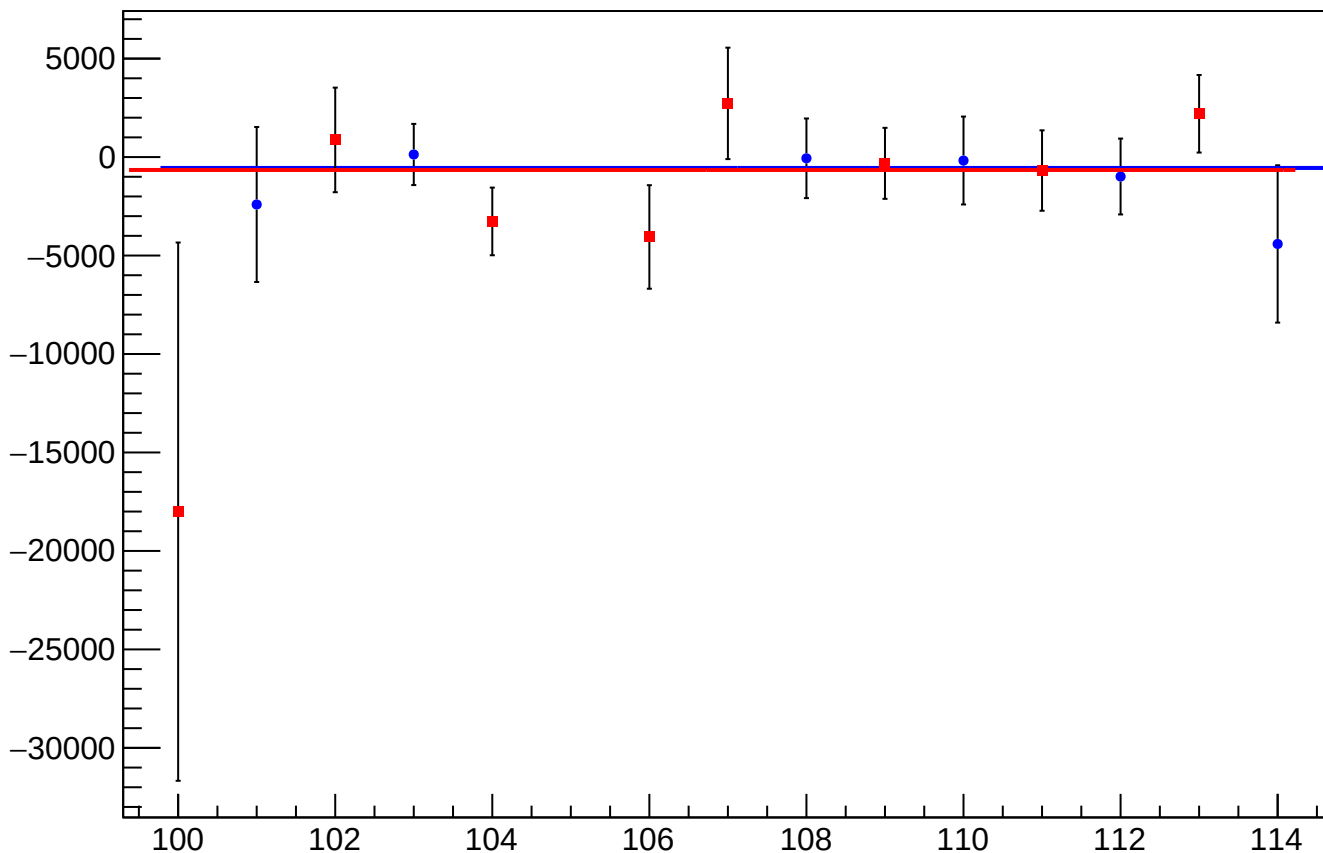
Right: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -552.167 $\pm$ 892.001 χ^2 /NDF: 1.5/5

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

Right Out: -654.622 $\pm$ 800.366 χ^2 /NDF: 9.5/7

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

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

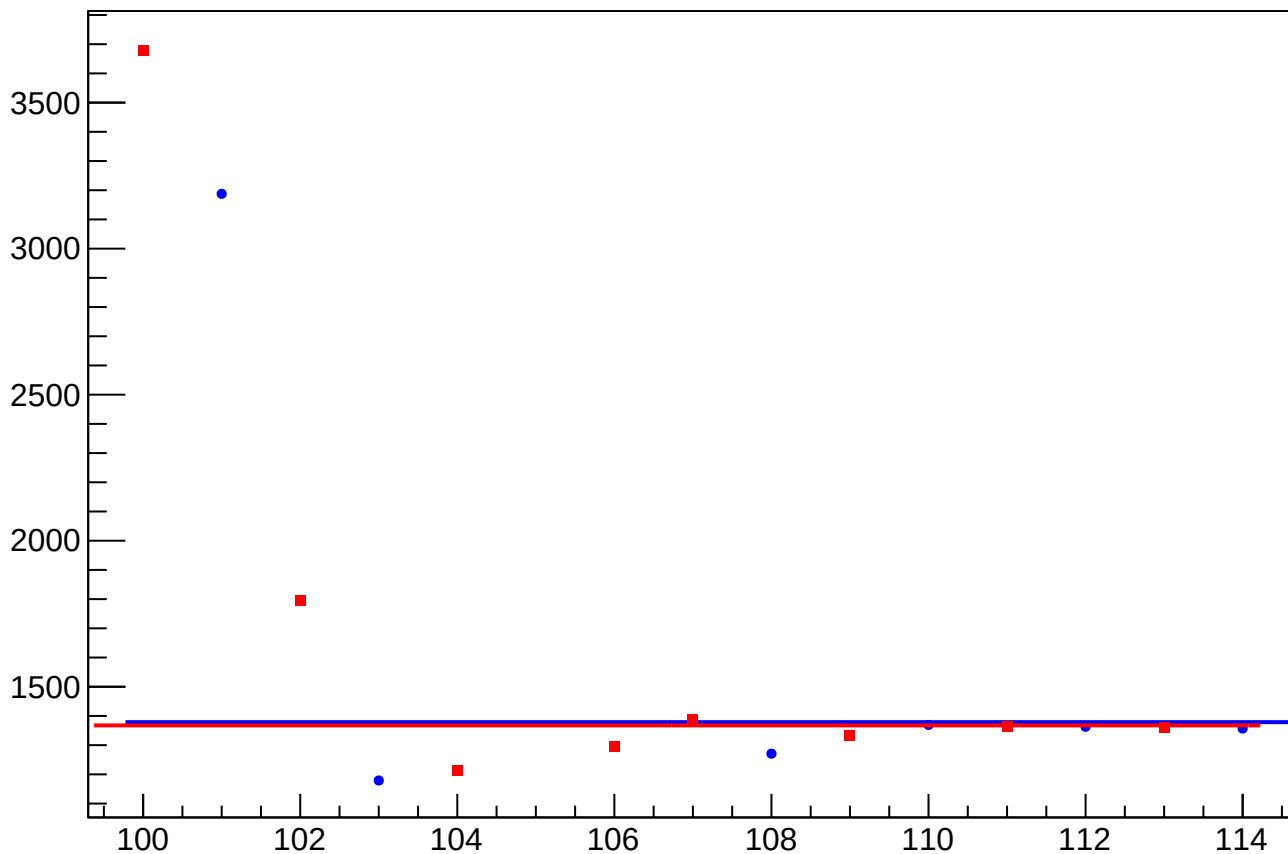
Right: -608.926 $\pm$ 595.715 χ^2 /NDF: 11.0/13

In: -552.167 $\pm$ 892.001 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -608.926 $\pm$ 595.715 χ^2 /NDF: 11.0/13

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

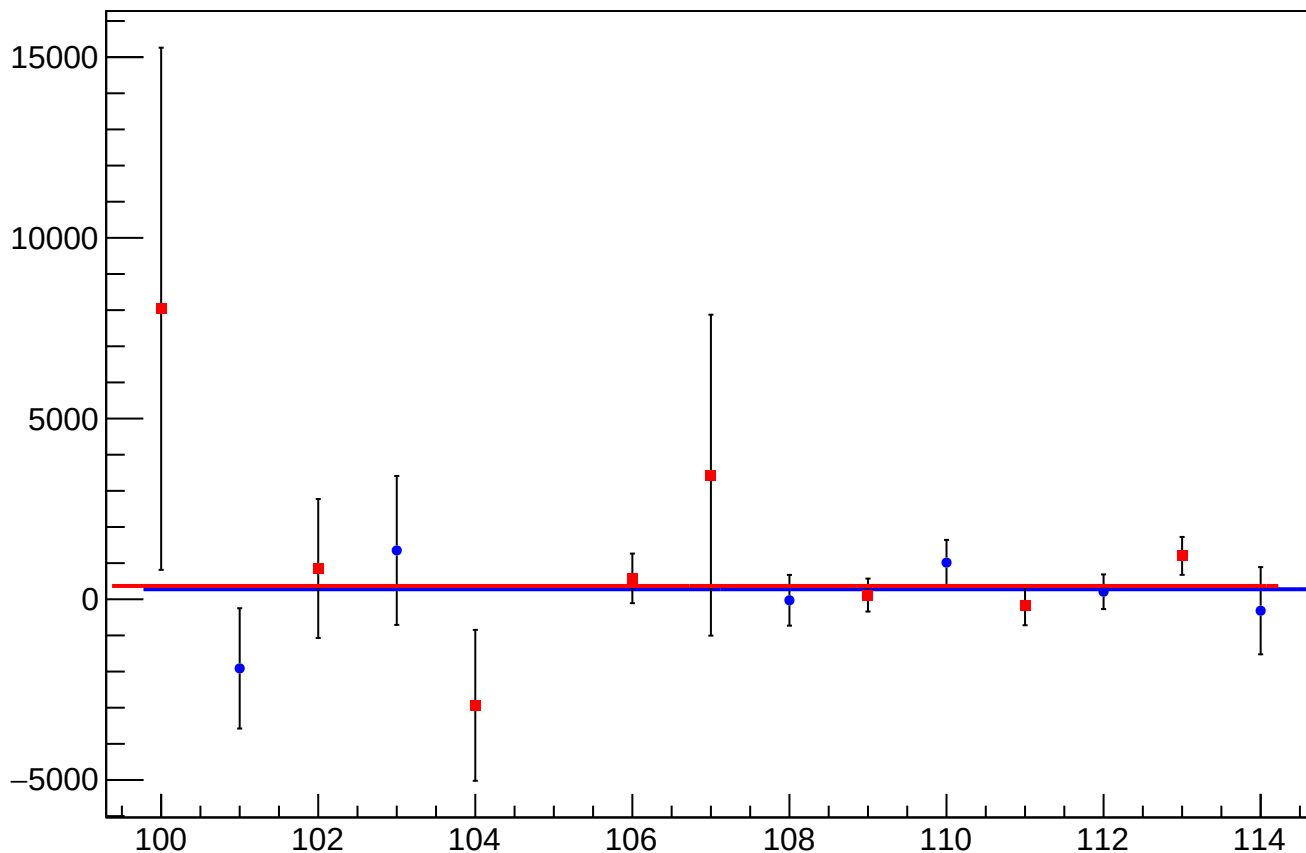
Right: 1372.581+/-0.421 χ^2/NDF : 588842.5/13

In: 1378.751+/-0.631 χ^2/NDF : 461381.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.5/13

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.332+/-313.316 χ^2/NDF : 3.8/5

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

Right Out: 368.627+/-261.399 χ^2/NDF : 8.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

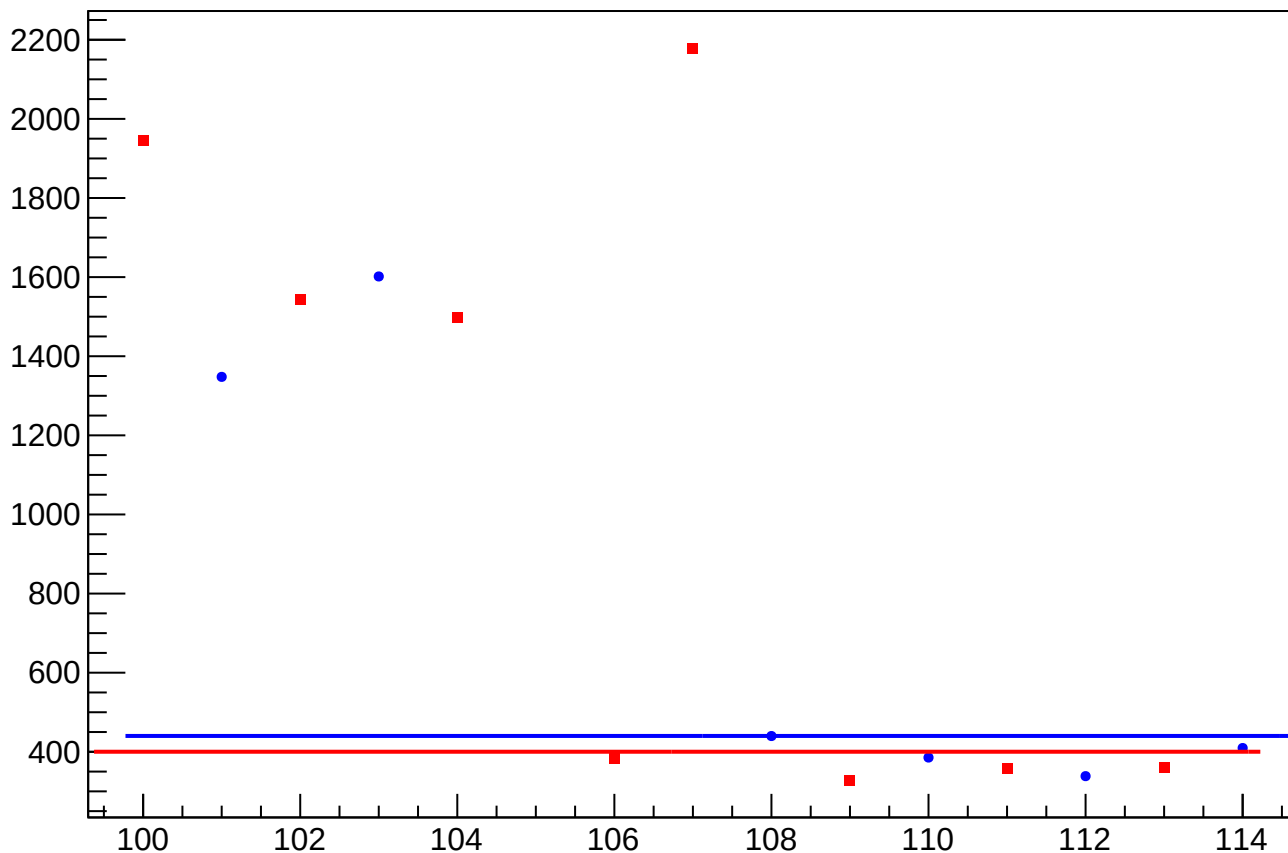
Right: 331.160+/-200.717 χ^2/NDF : 12.0/13

In: 277.332+/-313.316 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.160+/-200.717 χ^2/NDF : 12.0/13

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

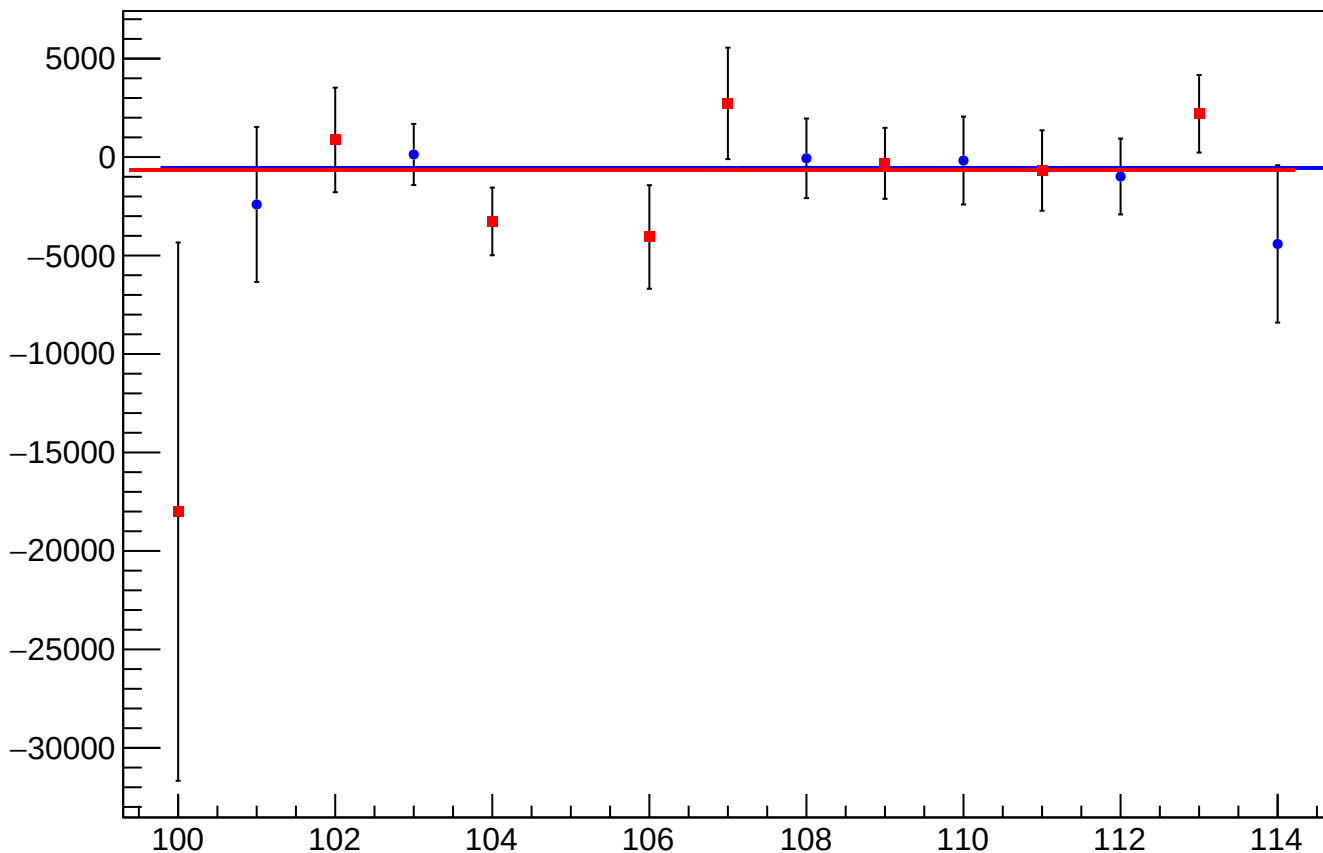
Right: 416.564+/-0.142 χ^2/NDF : 3105822.3/13

In: 440.104+/-0.222 χ^2/NDF : 1336450.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.564+/-0.142 χ^2/NDF : 3105822.3/13

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

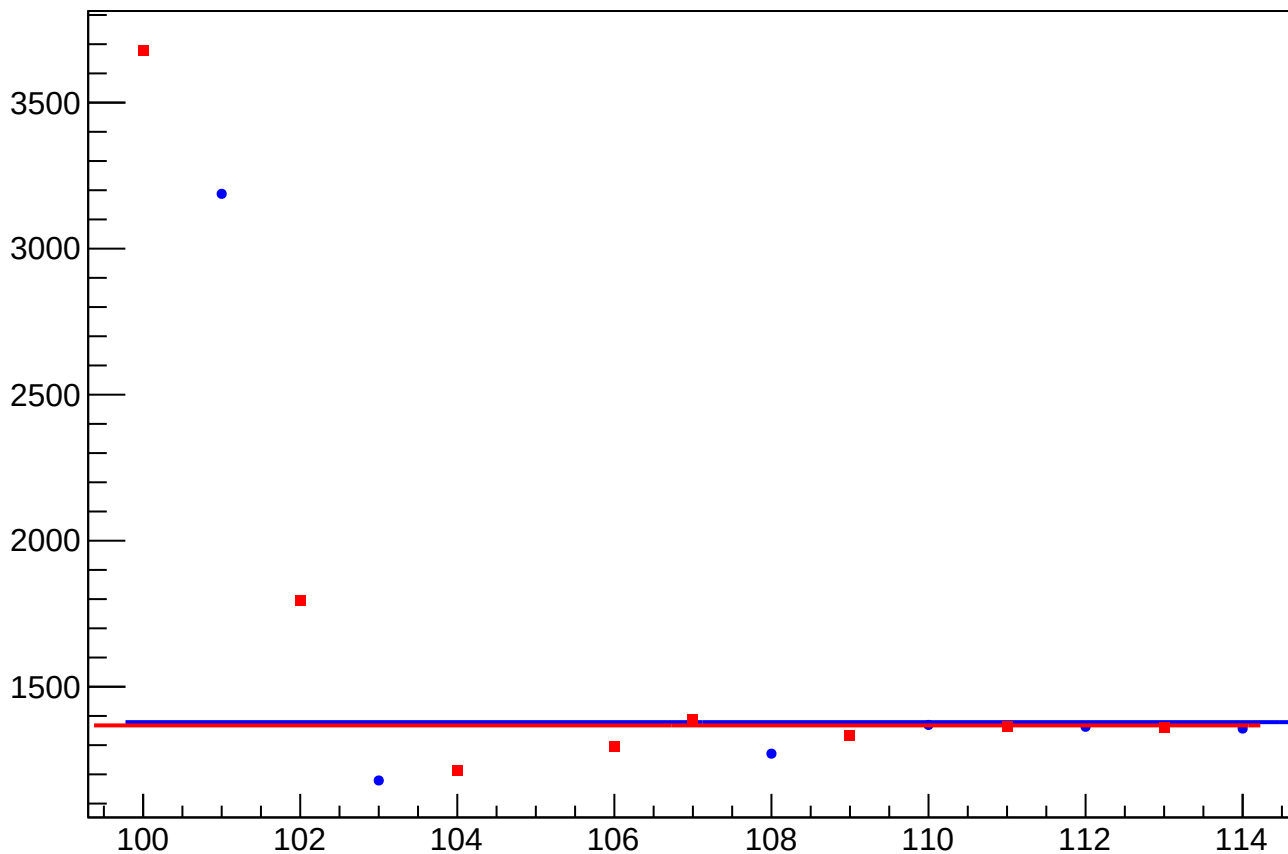
Right: -608.926+/-595.715 χ^2 /NDF: 11.0/13

In: -552.165+/-892.001 χ^2 /NDF:1.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -608.926+/-595.715 χ^2 /NDF: 11.0/13

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

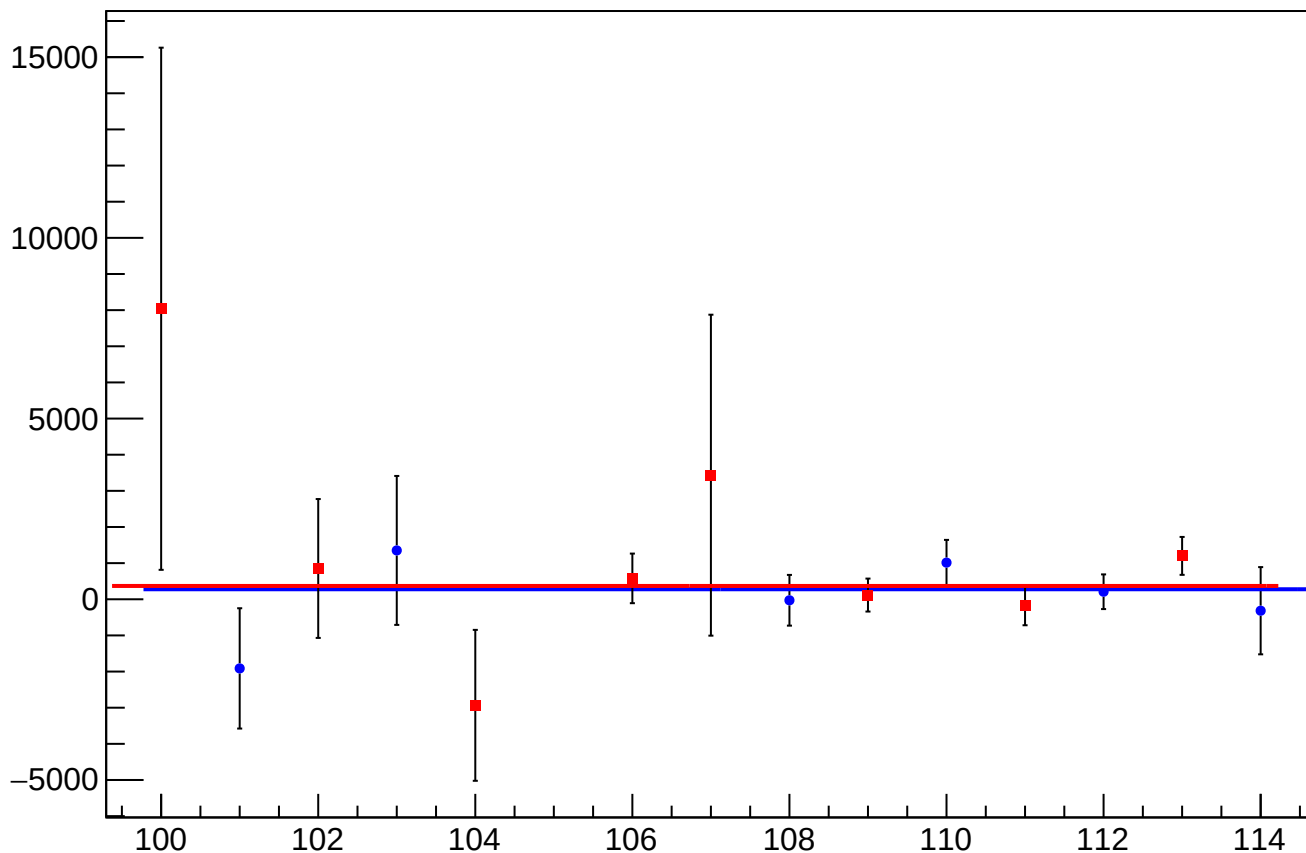
Right: 1372.581+/-0.421 χ^2/NDF : 588842.4/13

In: 1378.751+/-0.631 χ^2/NDF : 461381.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.4/13

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.332+/-313.314 χ^2/NDF : 3.8/5

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

Right Out: 368.626+/-261.398 χ^2/NDF : 8.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

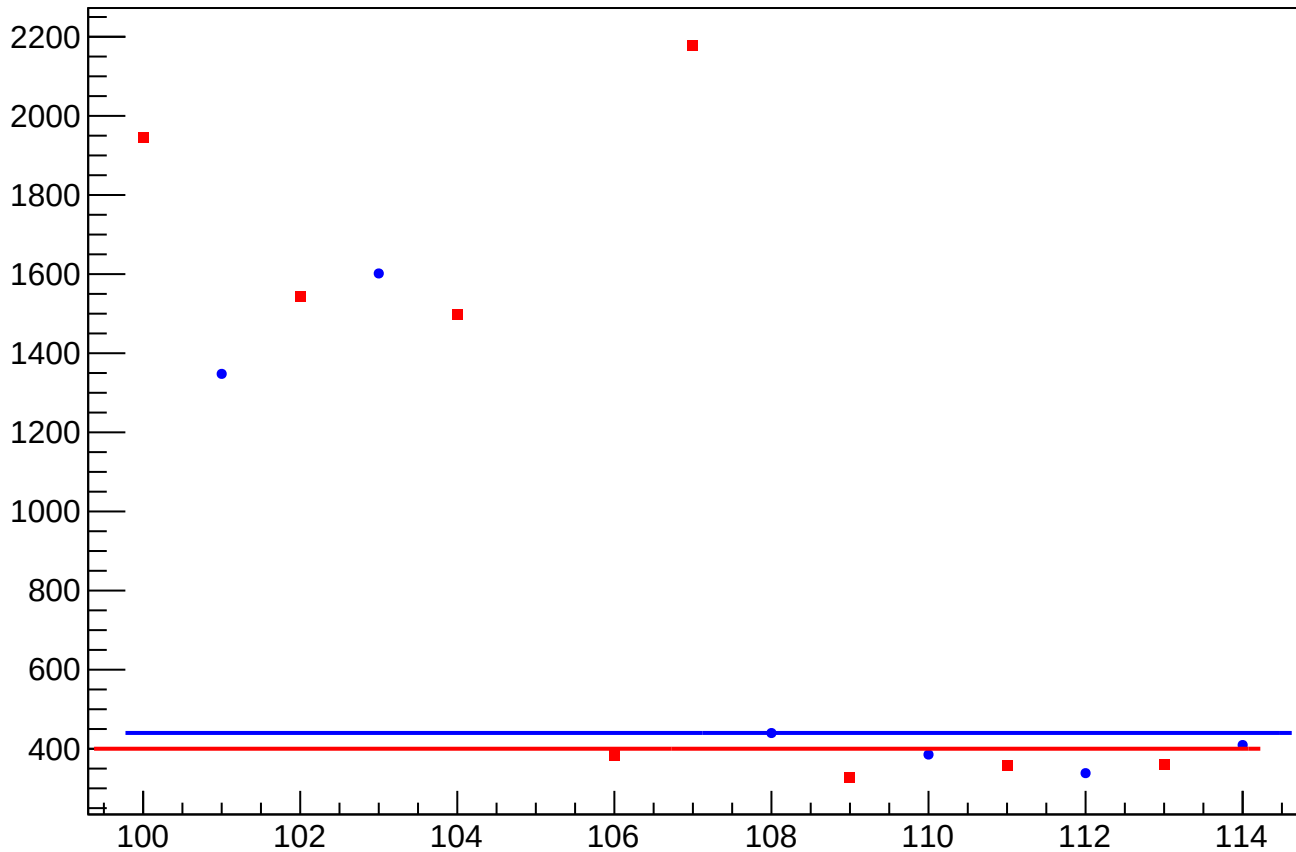
Right: 331.159+/-200.716 χ^2/NDF : 12.0/13

In: 277.332+/-313.314 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.159+/-200.716 χ^2/NDF : 12.0/13

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

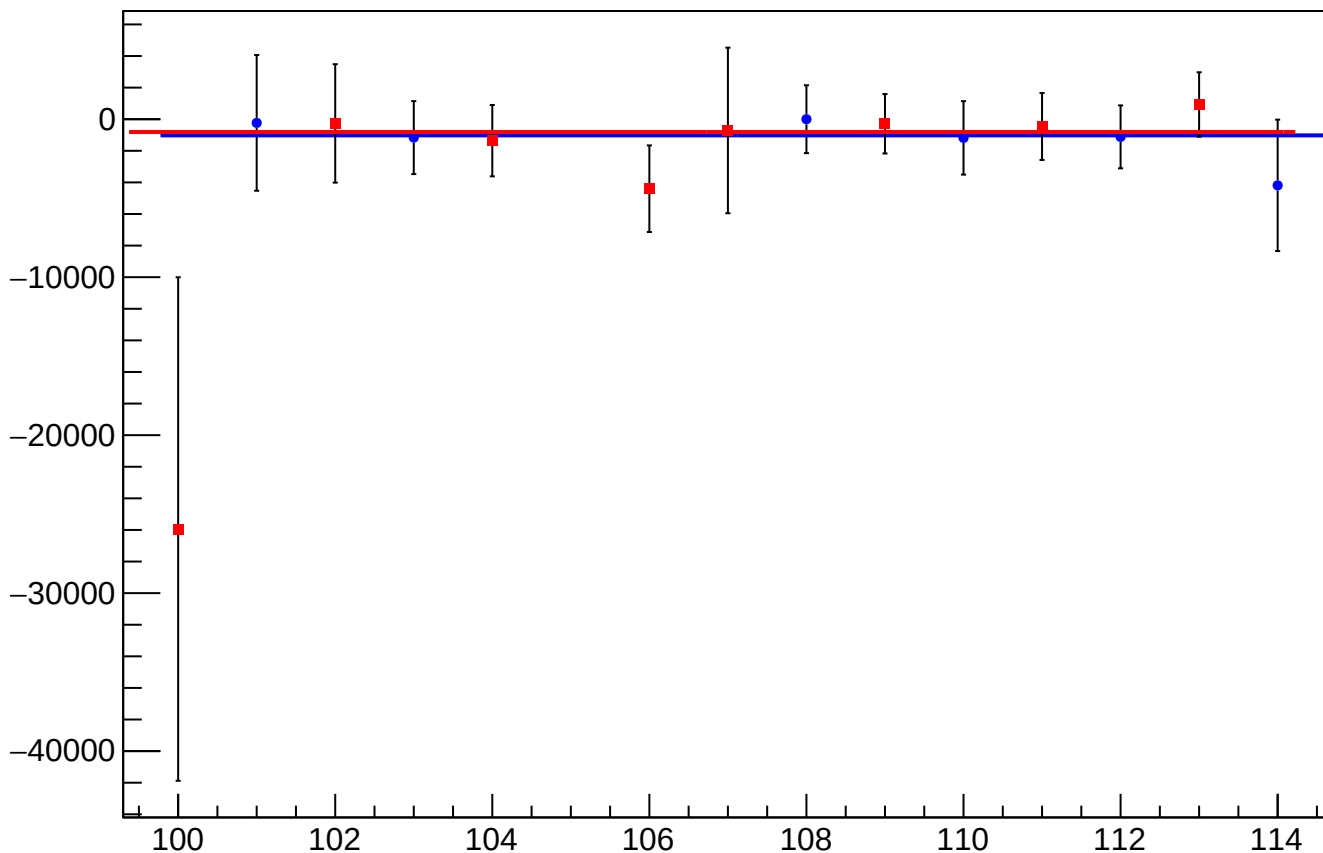
Right: 416.562+/-0.142 χ^2/NDF : 3105828.6/13

In: 440.101+/-0.222 χ^2/NDF : 1336453.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.562+/-0.142 χ^2/NDF : 3105828.6/13

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

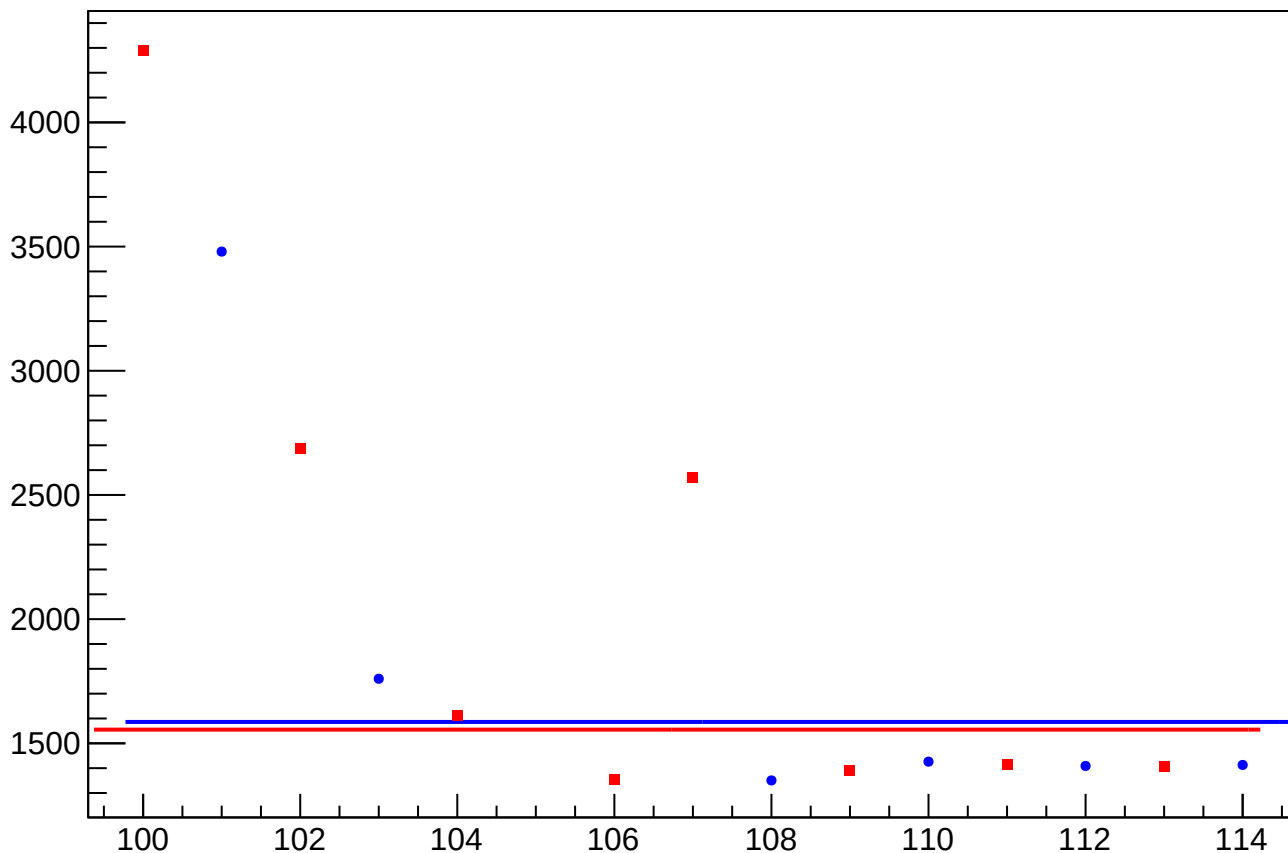
Right: -903.320+/-683.688 χ^2 /NDF: 6.0/13

In: -1021.278+/-1024.116 χ^2 /NDF: 0.8/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -903.320+/-683.688 χ^2 /NDF: 6.0/13

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

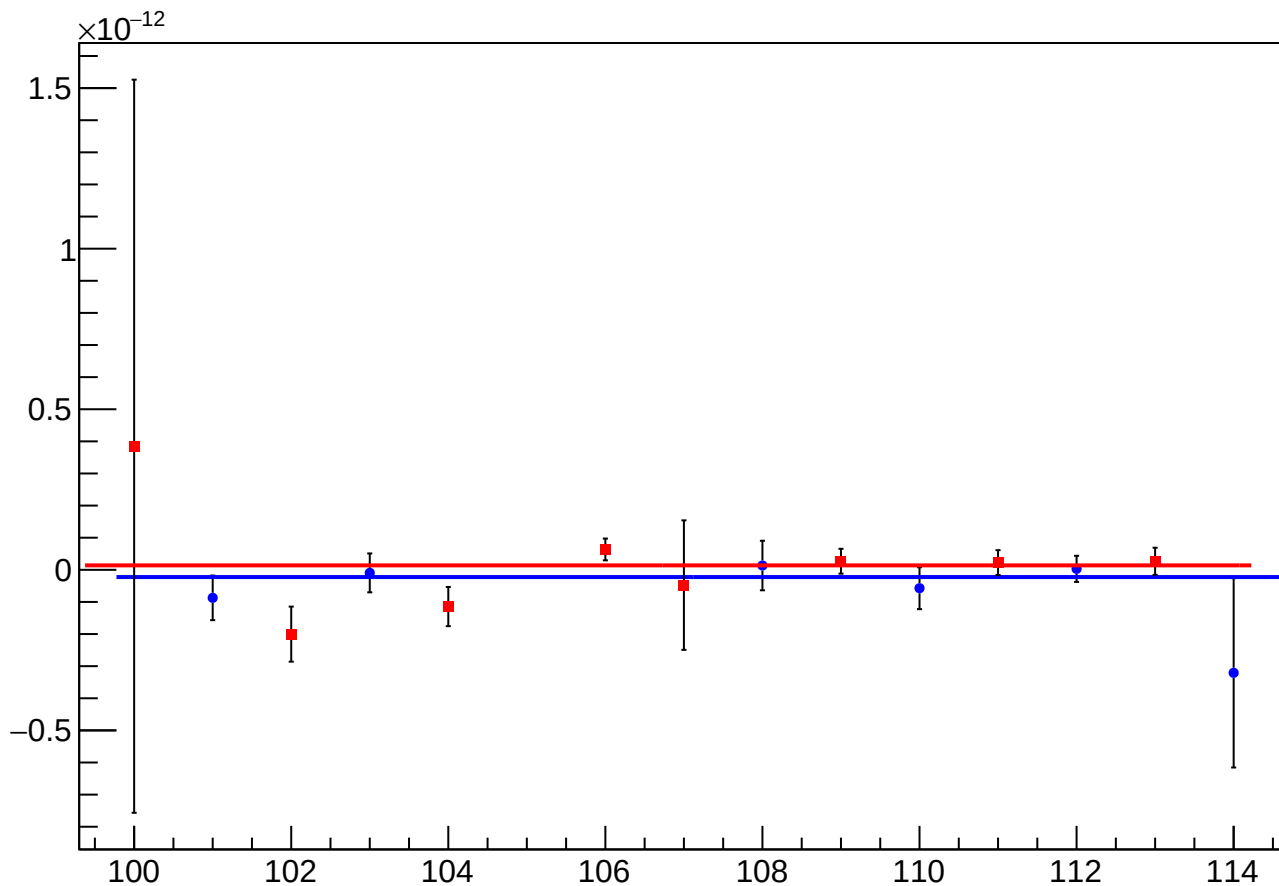
Right: 1568.950+/-0.483 χ^2/NDF : 816168.9/13

In: 1586.086+/-0.724 χ^2/NDF : 452845.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.950+/-0.483 χ^2/NDF : 816168.9/13

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

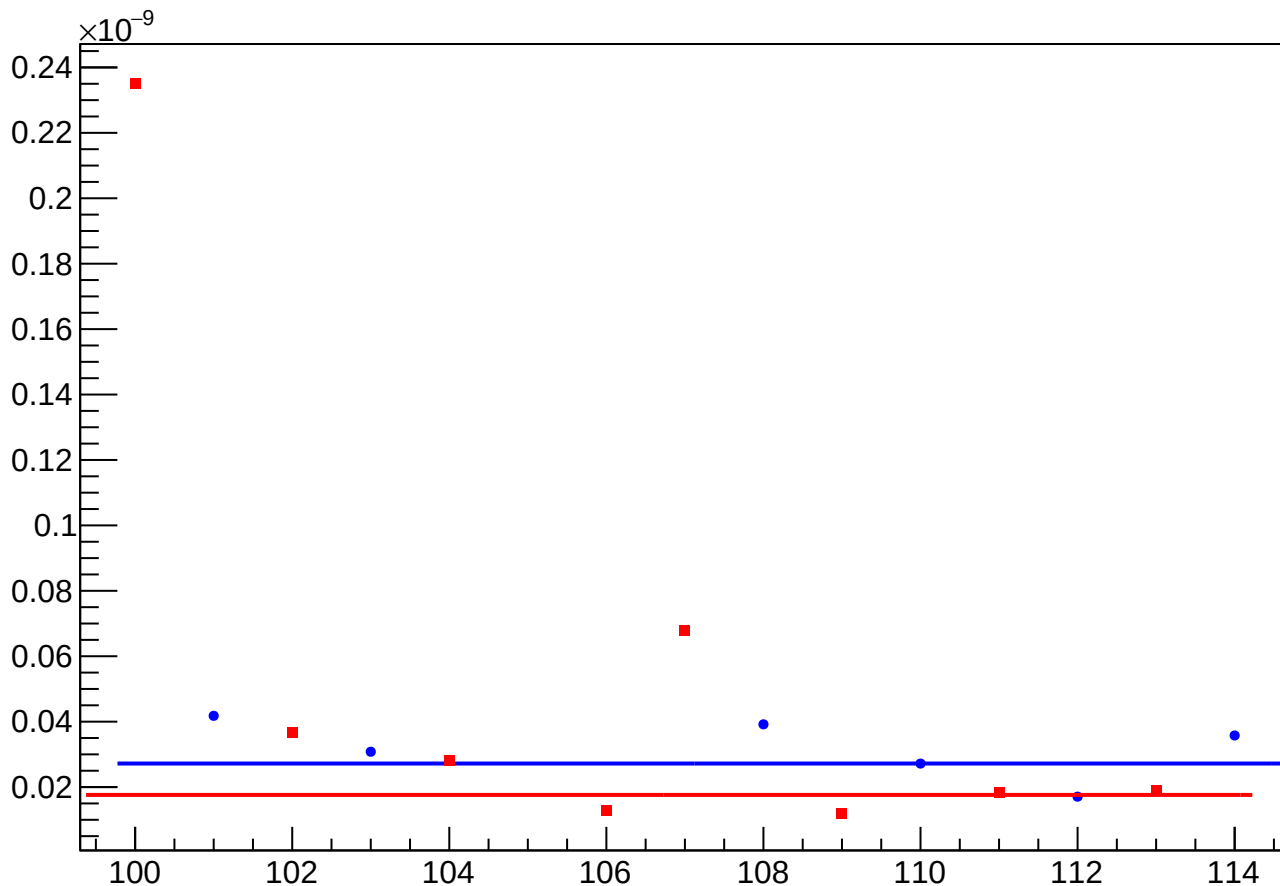
Right: 0.000+/-0.000 χ^2/NDF : 17.4/13

In: -0.000+/-0.000 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.4/13

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

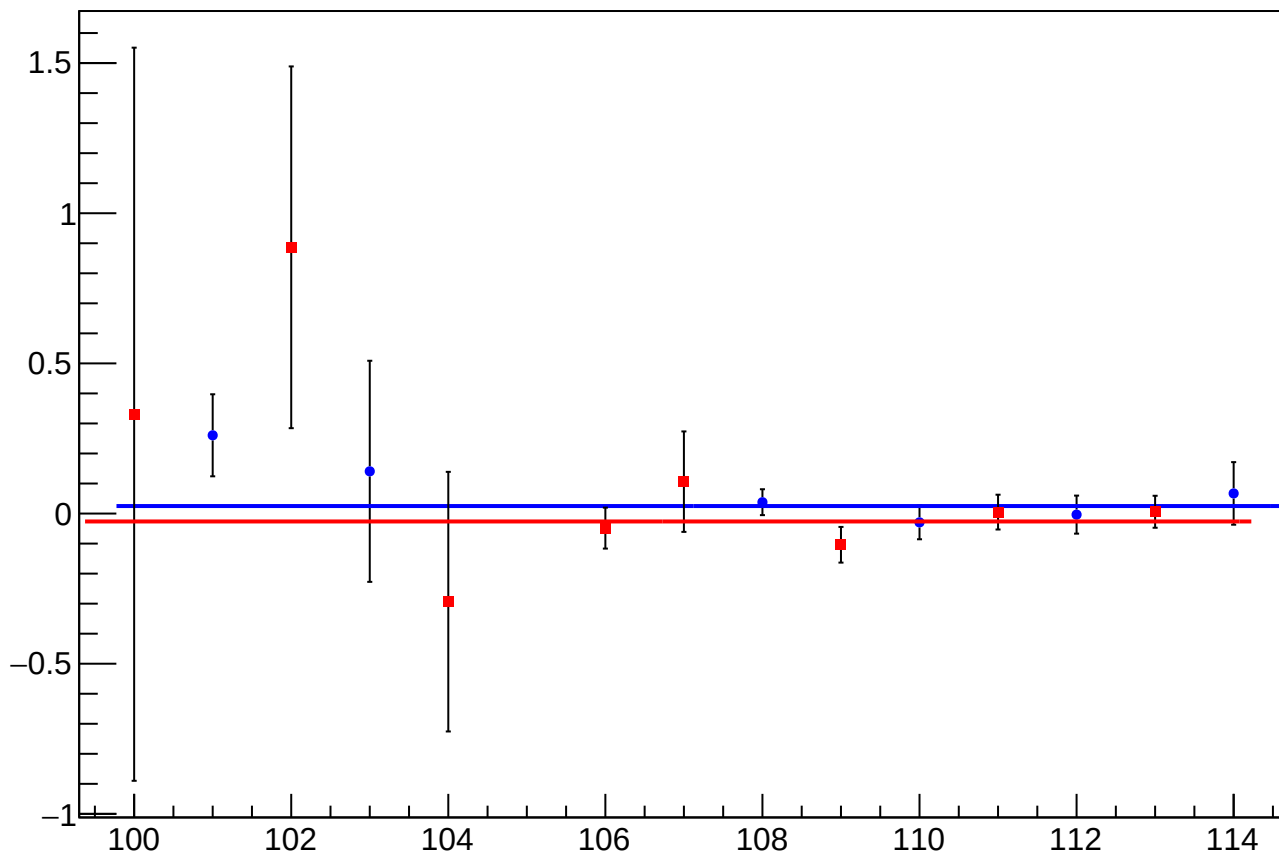
Right: 0.000+/-0.000 χ^2/NDF : 900754.0/13

In: 0.000+/-0.000 χ^2/NDF : 269135.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 900754.0/13

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

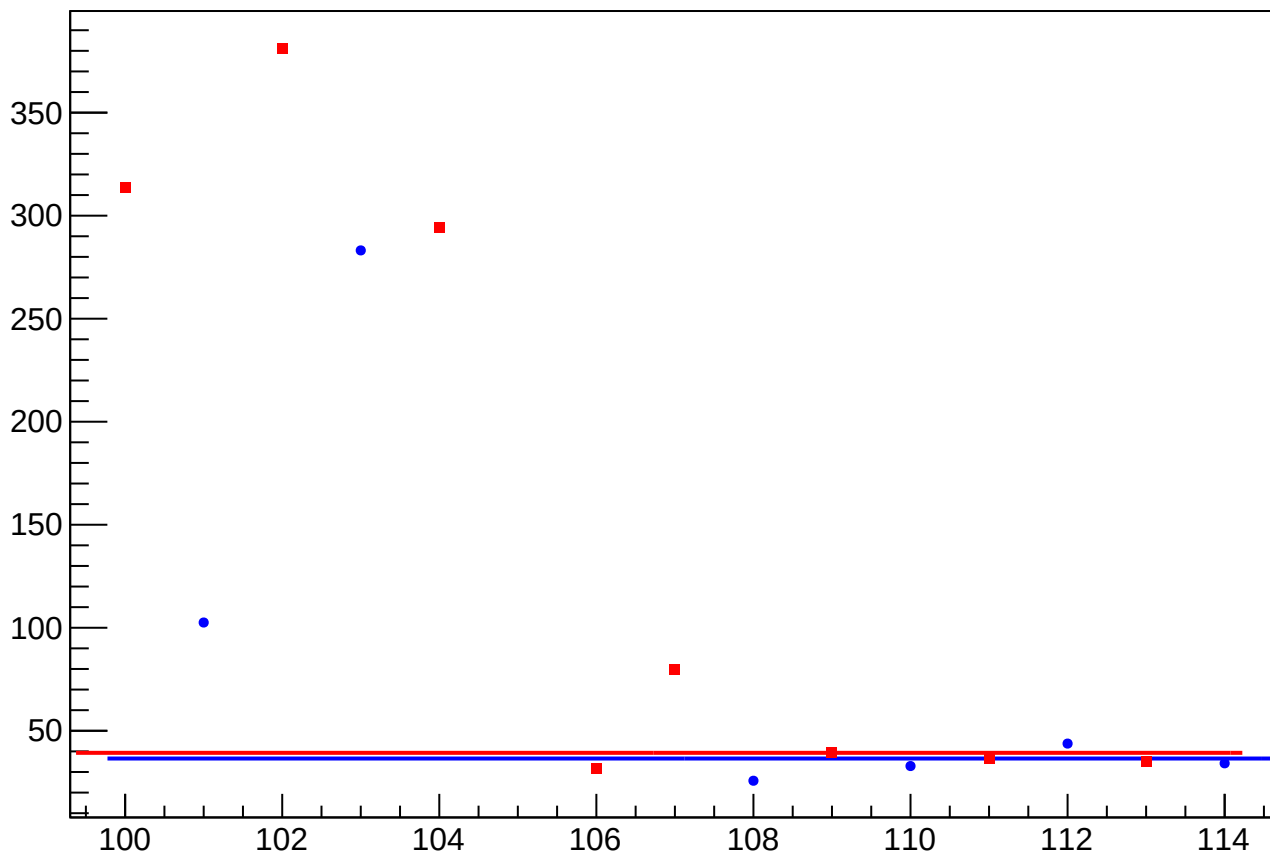
Right: -0.000 $\pm$ 0.020 χ^2 /NDF: 11.9/13

In: 0.025 $\pm$ 0.028 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.020 χ^2 /NDF: 11.9/13

asym_atl_avg_atr_avg_dd_dit_vs_slug_Sign_Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

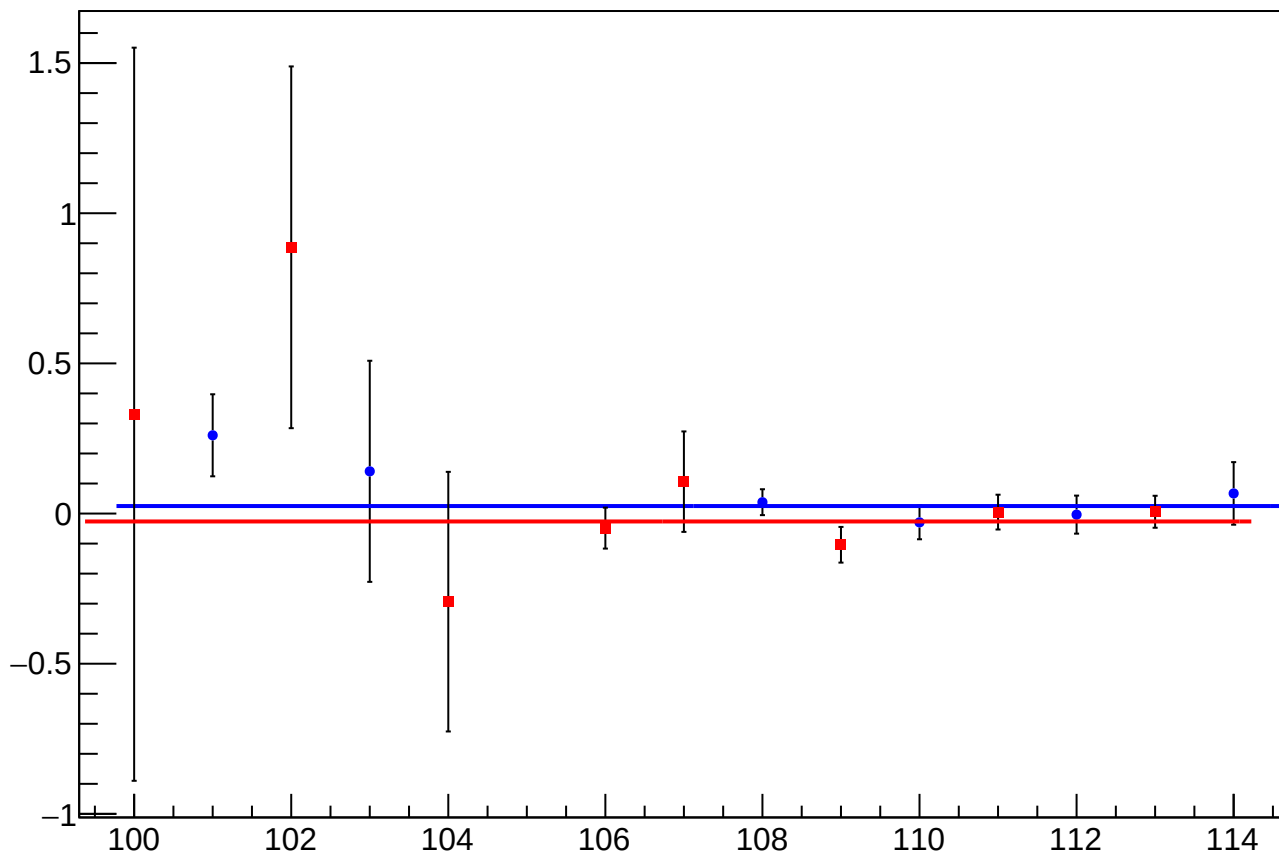
Right: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

In: 36.536+/-0.020 χ^2/NDF : 1525260.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.028 χ^2/NDF : 4.5/5

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

Right Out: -0.026+/-0.029 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

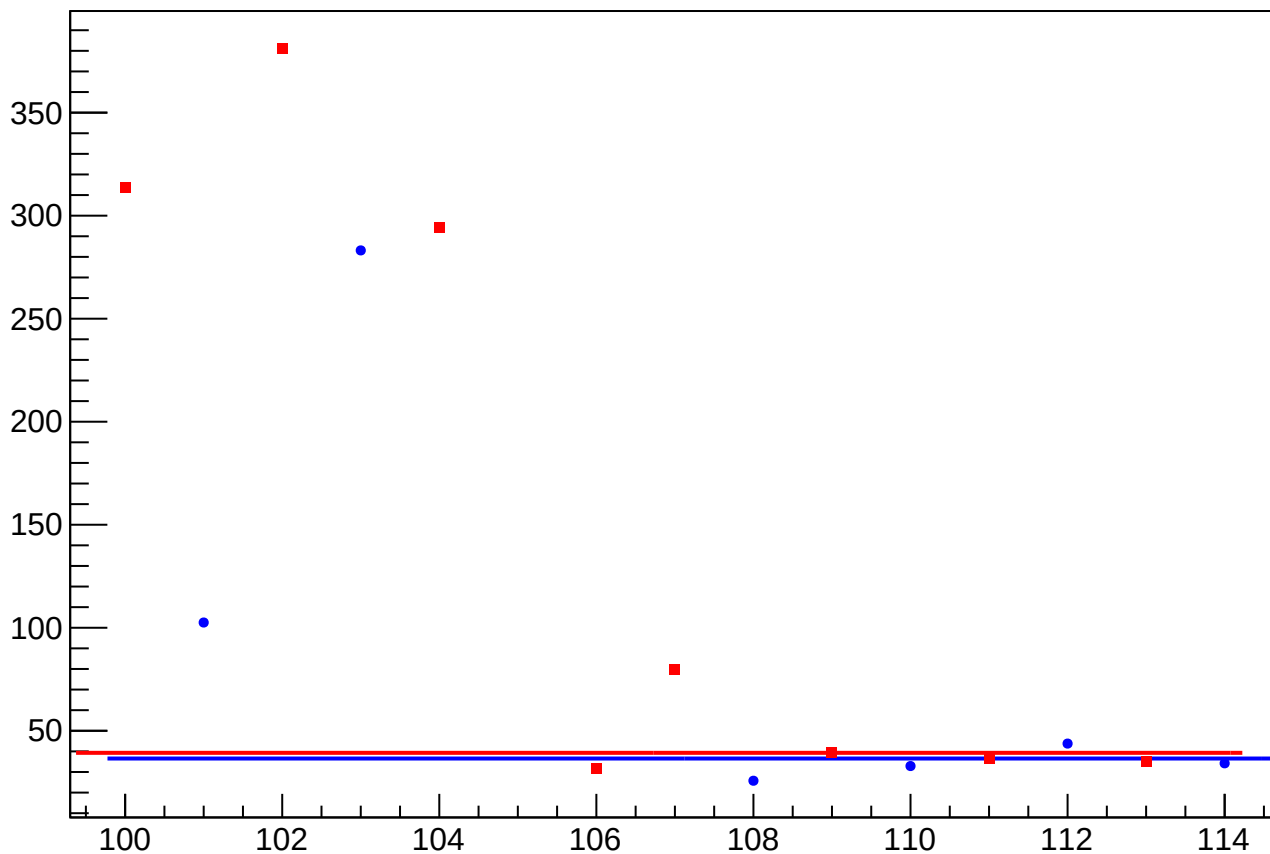
Right: -0.000+/-0.020 χ^2/NDF : 11.9/13

In: 0.025+/-0.028 χ^2/NDF :4.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.020 χ^2/NDF : 11.9/13

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

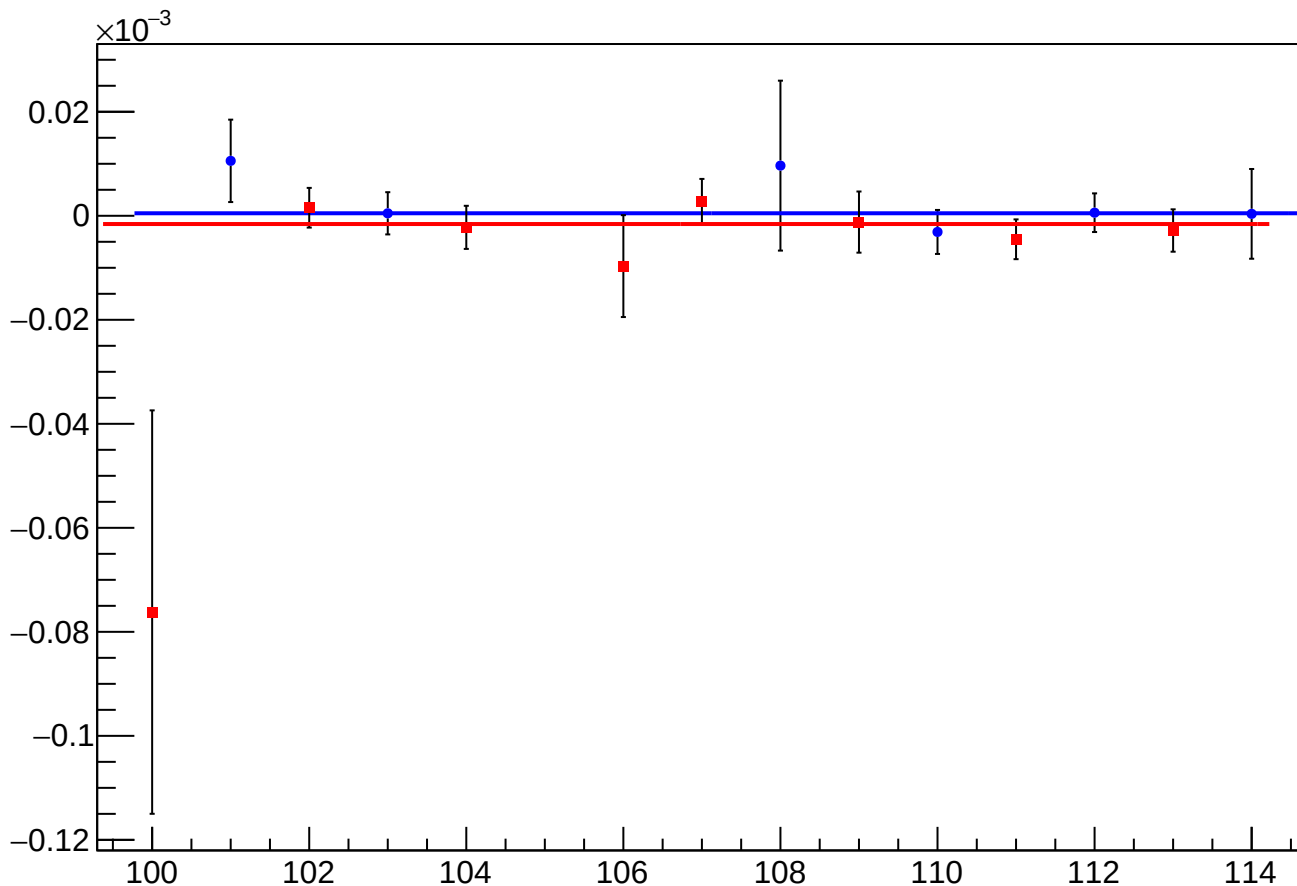
Right: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

In: 36.536+/-0.020 χ^2/NDF : 1525260.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

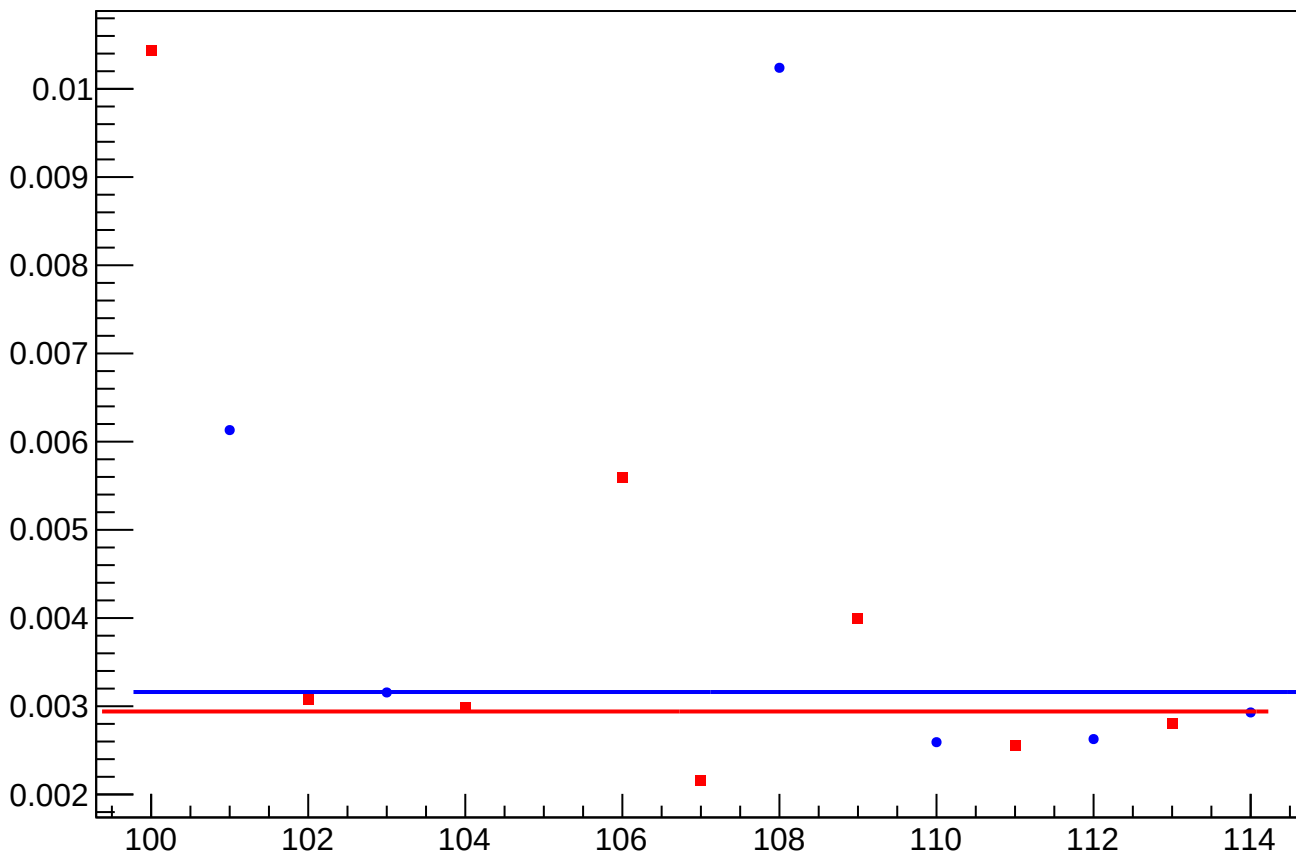
Right: -0.000 ± 0.000 χ^2/NDF : 9.9/13

In: 0.000 ± 0.000 χ^2/NDF : 2.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 9.9/13

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

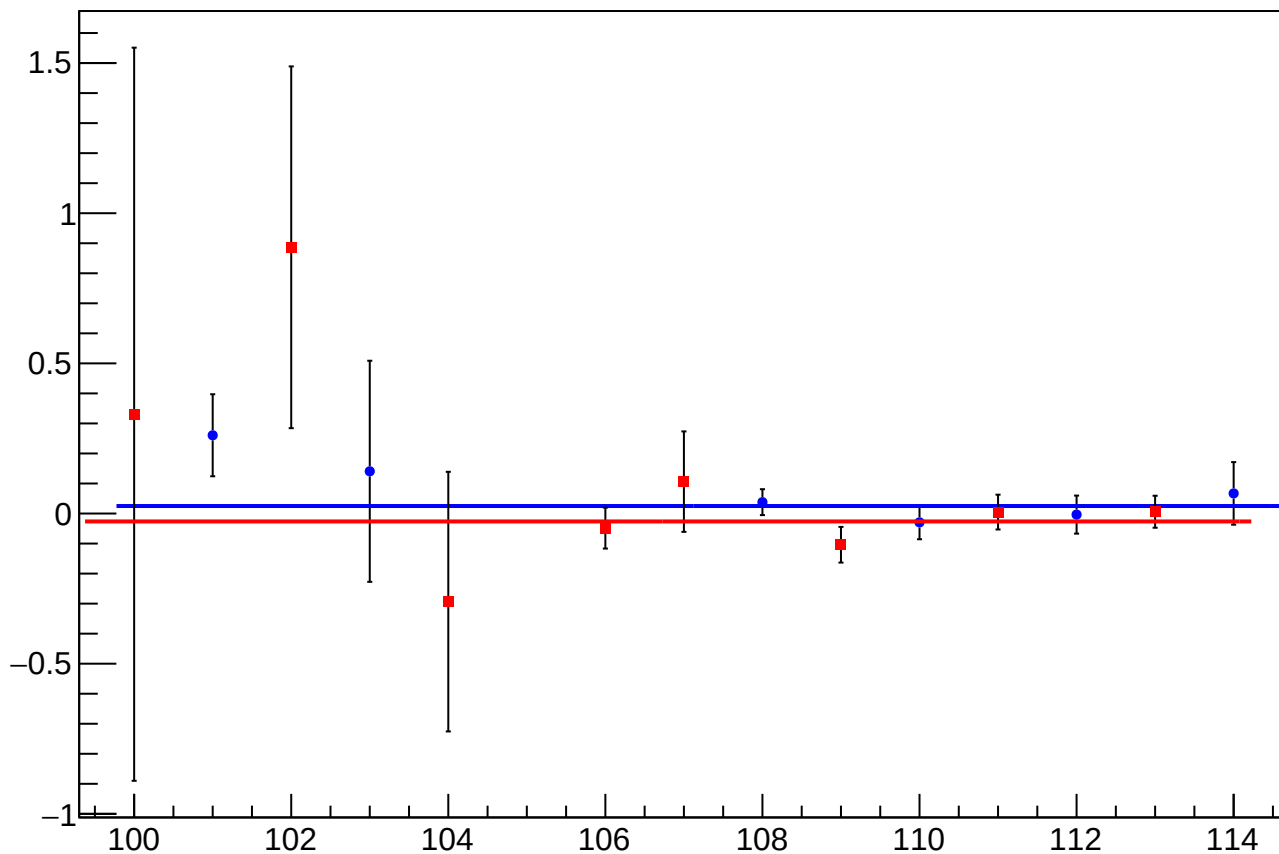
Right: 0.003+/-0.000 χ^2/NDF : 1122286.2/13

In: 0.003+/-0.000 χ^2/NDF : 735143.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1122286.2/13

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.028 χ^2/NDF : 4.5/5

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

Right Out: -0.026+/-0.029 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

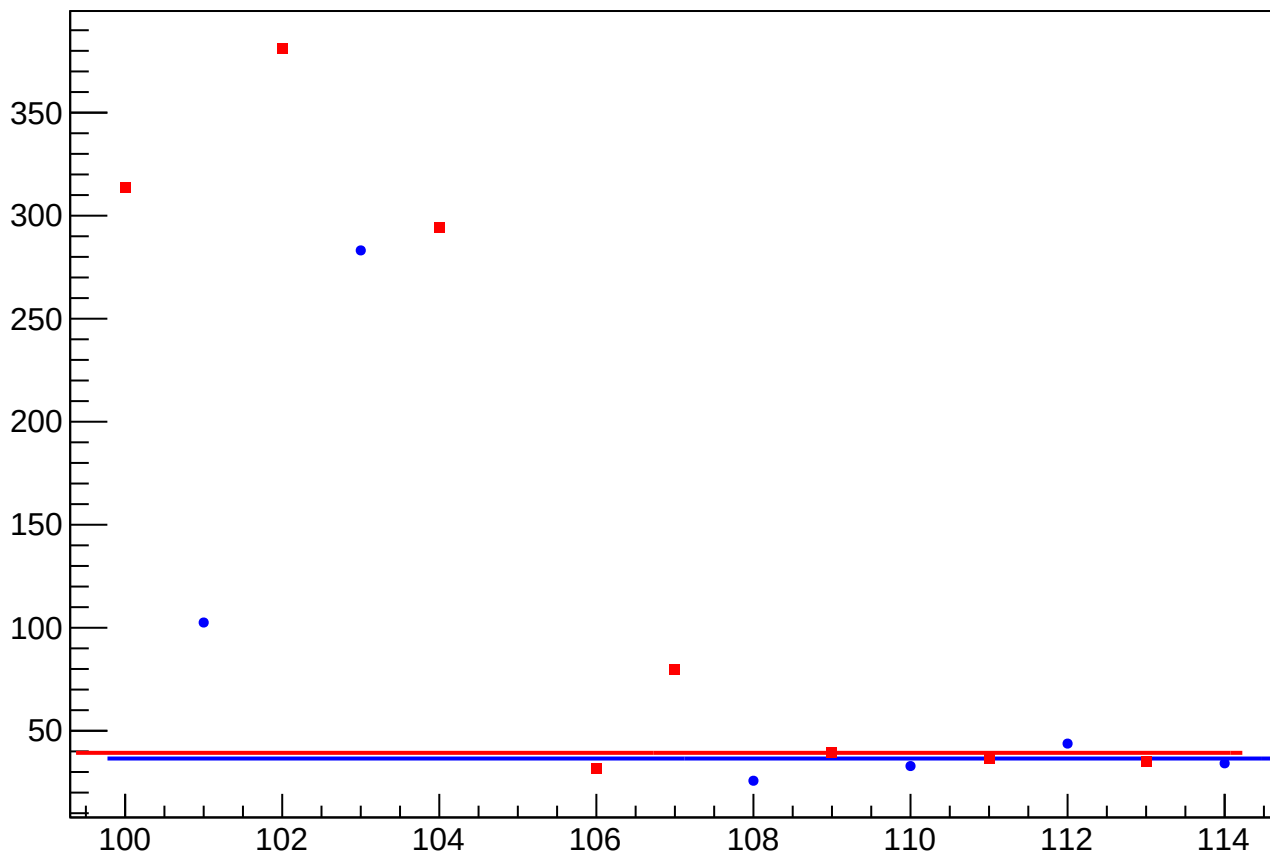
Right: -0.000+/-0.020 χ^2/NDF : 11.9/13

In: 0.025+/-0.028 χ^2/NDF :4.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.020 χ^2/NDF : 11.9/13

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

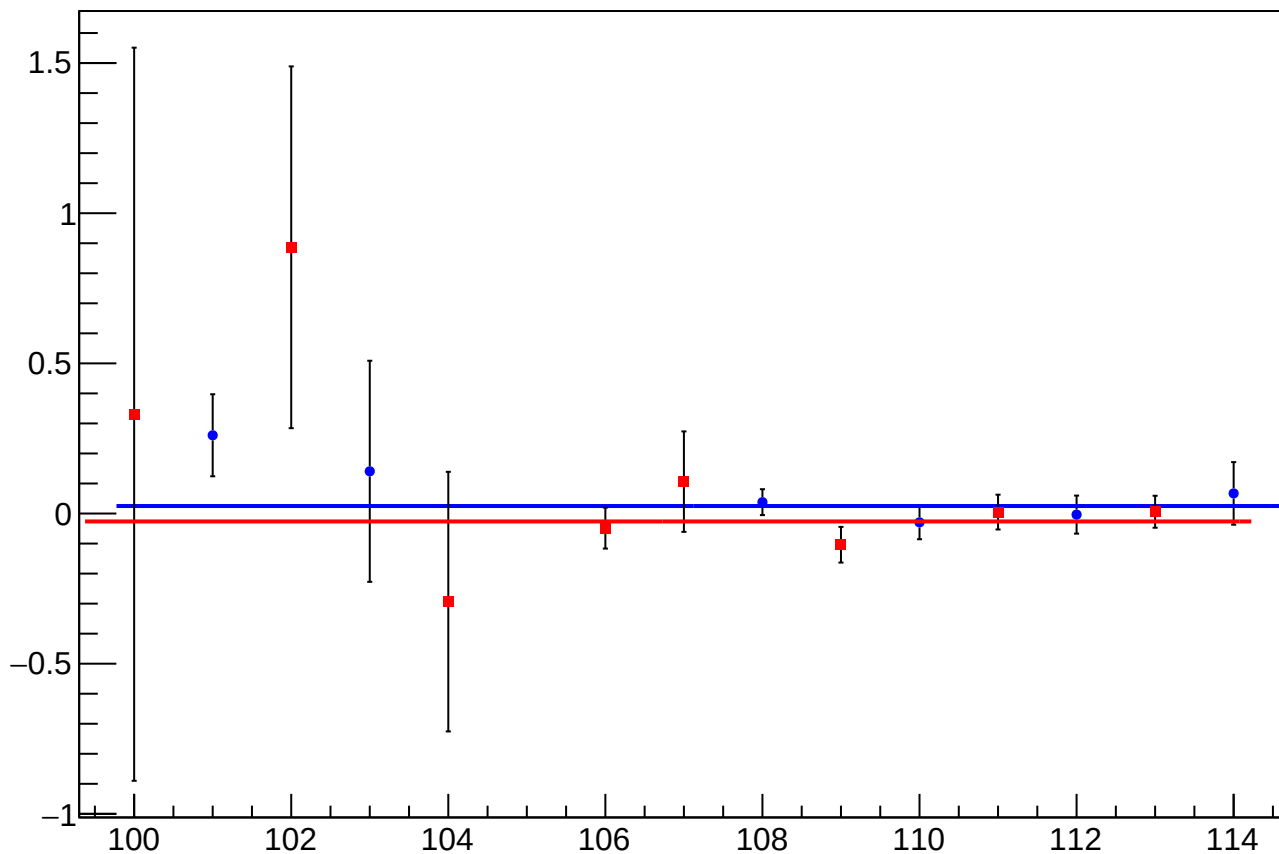
Right: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

In: 36.538+/-0.020 χ^2/NDF : 1525176.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.028 χ^2/NDF : 4.5/5

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

Right Out: -0.026+/-0.029 χ^2/NDF : 5.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

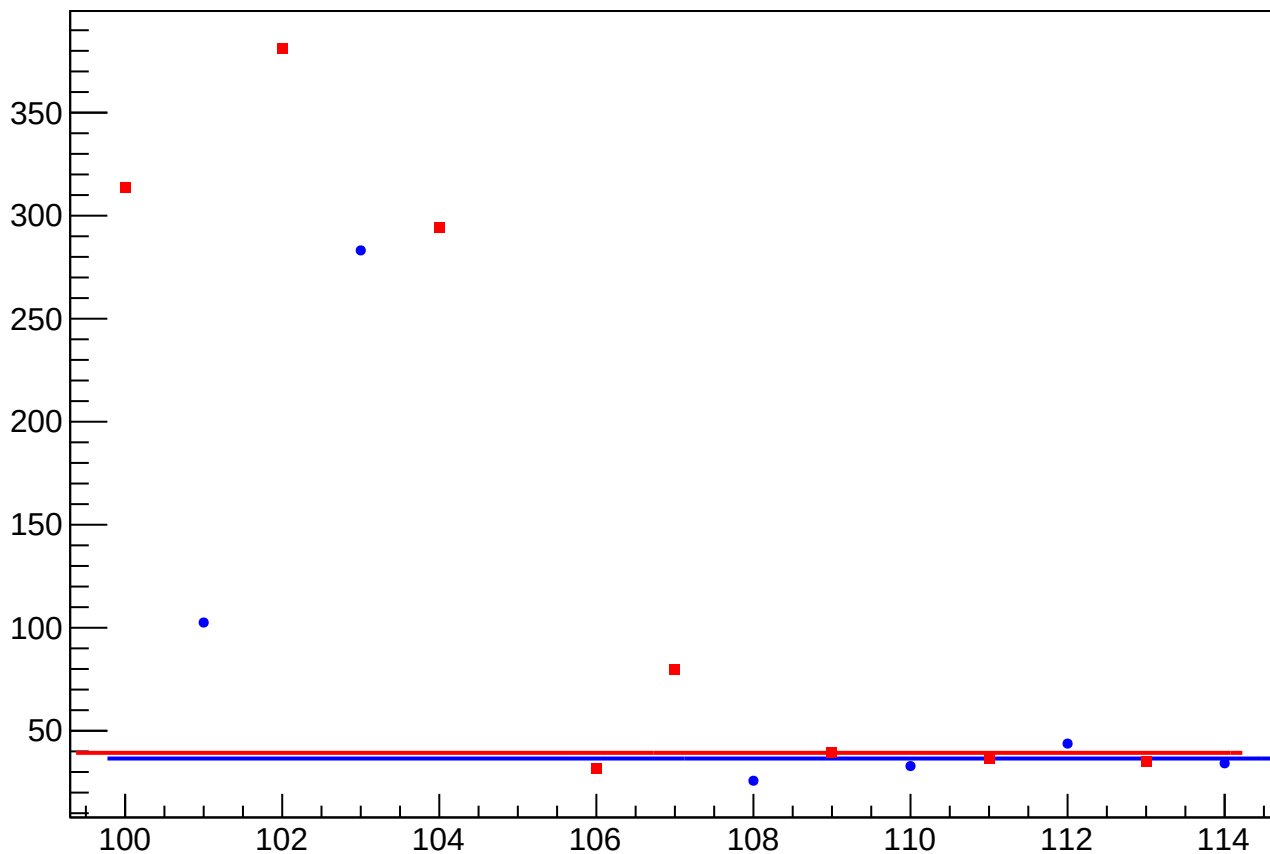
Right: -0.000+/-0.020 χ^2/NDF : 11.9/13

In: 0.025+/-0.028 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.020 χ^2/NDF : 11.9/13

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

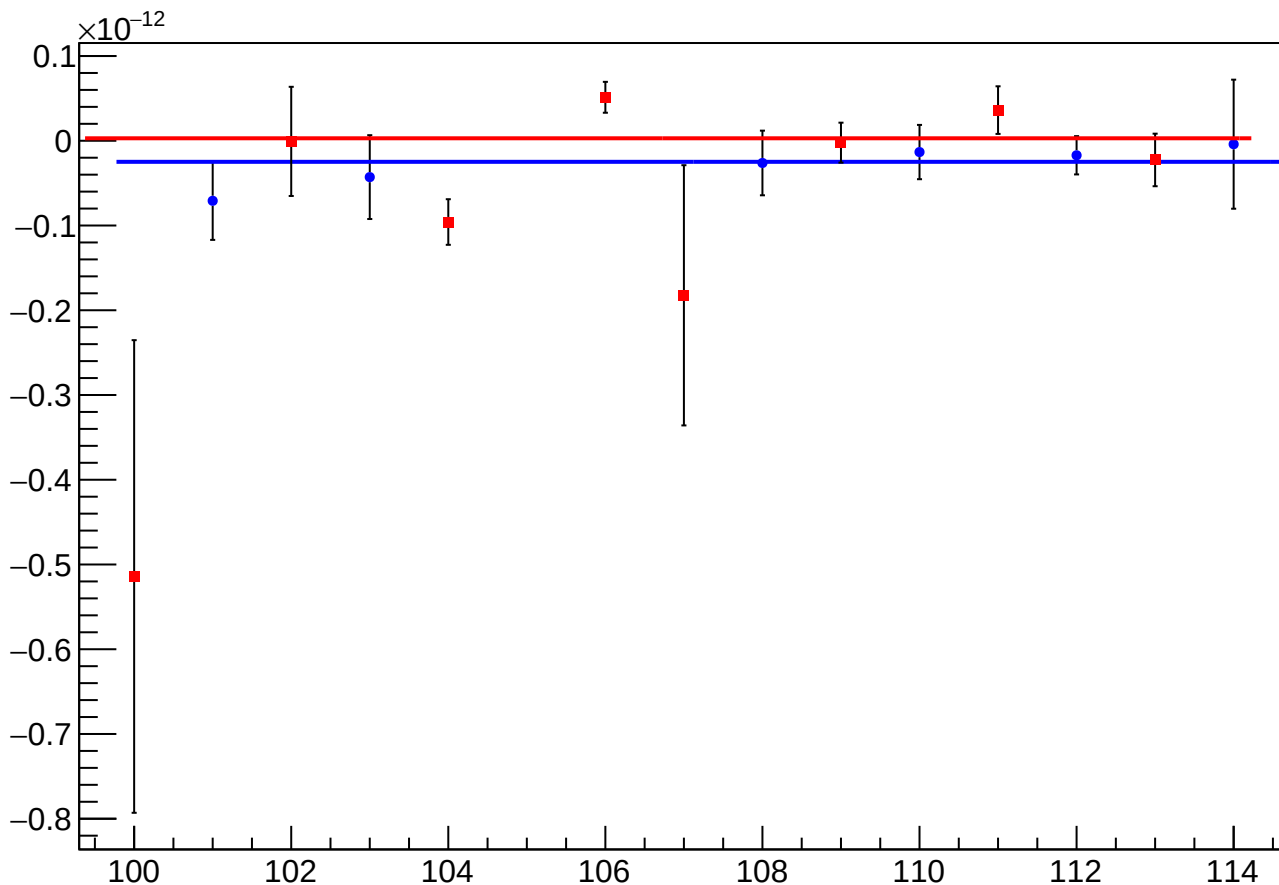
Right: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

In: 36.538+/-0.020 χ^2/NDF : 1525176.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.4/5

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 27.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

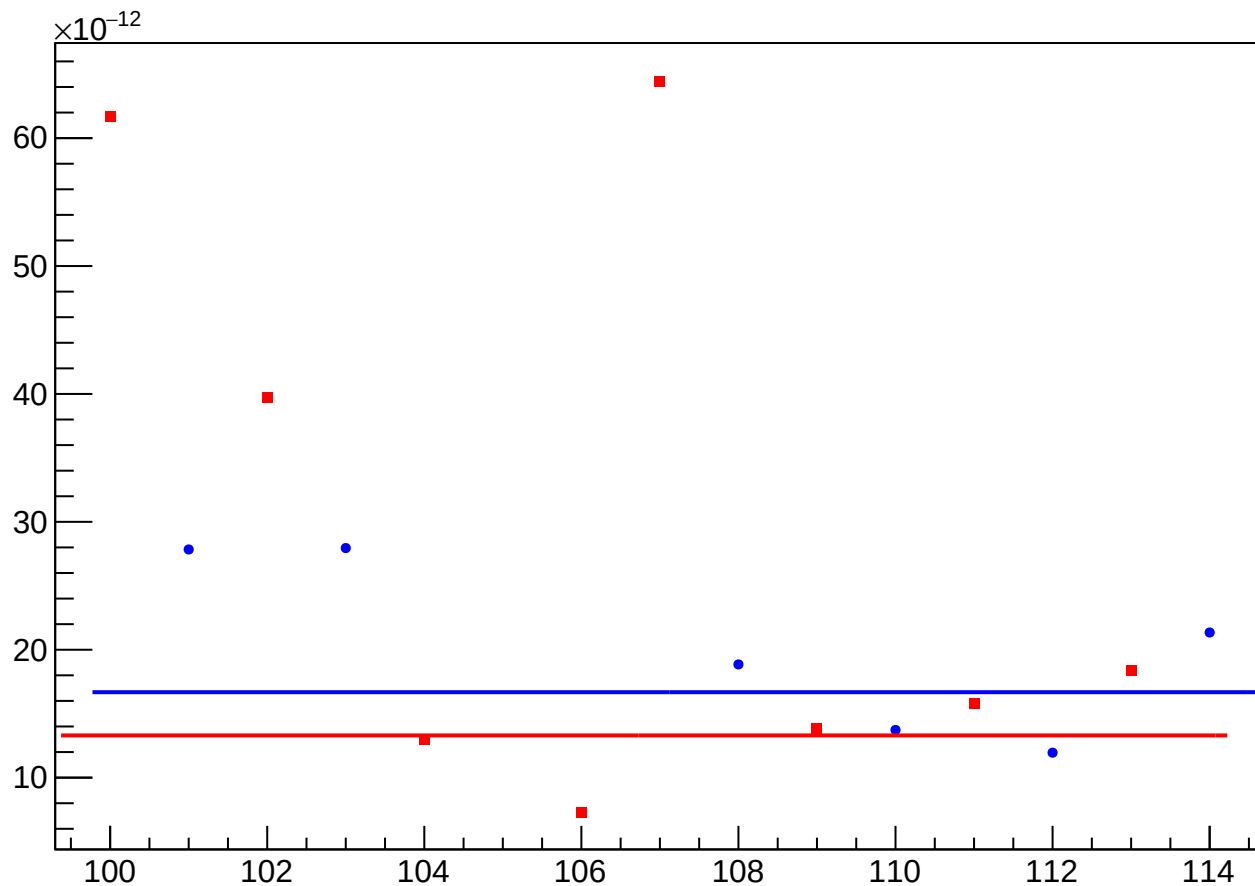
Right: -0.000+/-0.000 χ^2 /NDF: 31.4/13

In: -0.000+/-0.000 χ^2 /NDF:1.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.4/13

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

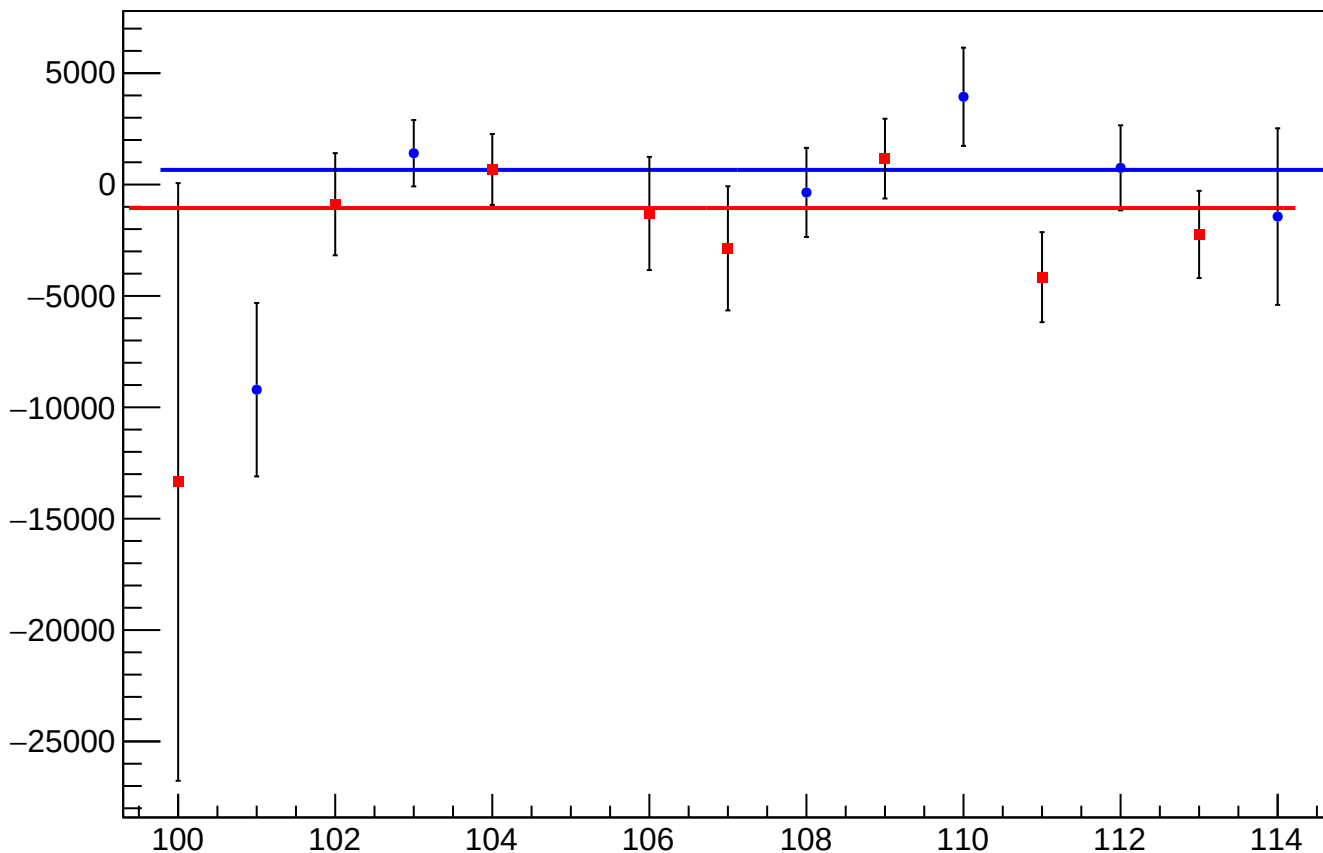
Right: 0.000+/-0.000 χ^2/NDF : 1319397.5/13

In: 0.000+/-0.000 χ^2/NDF : 339683.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319397.5/13

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

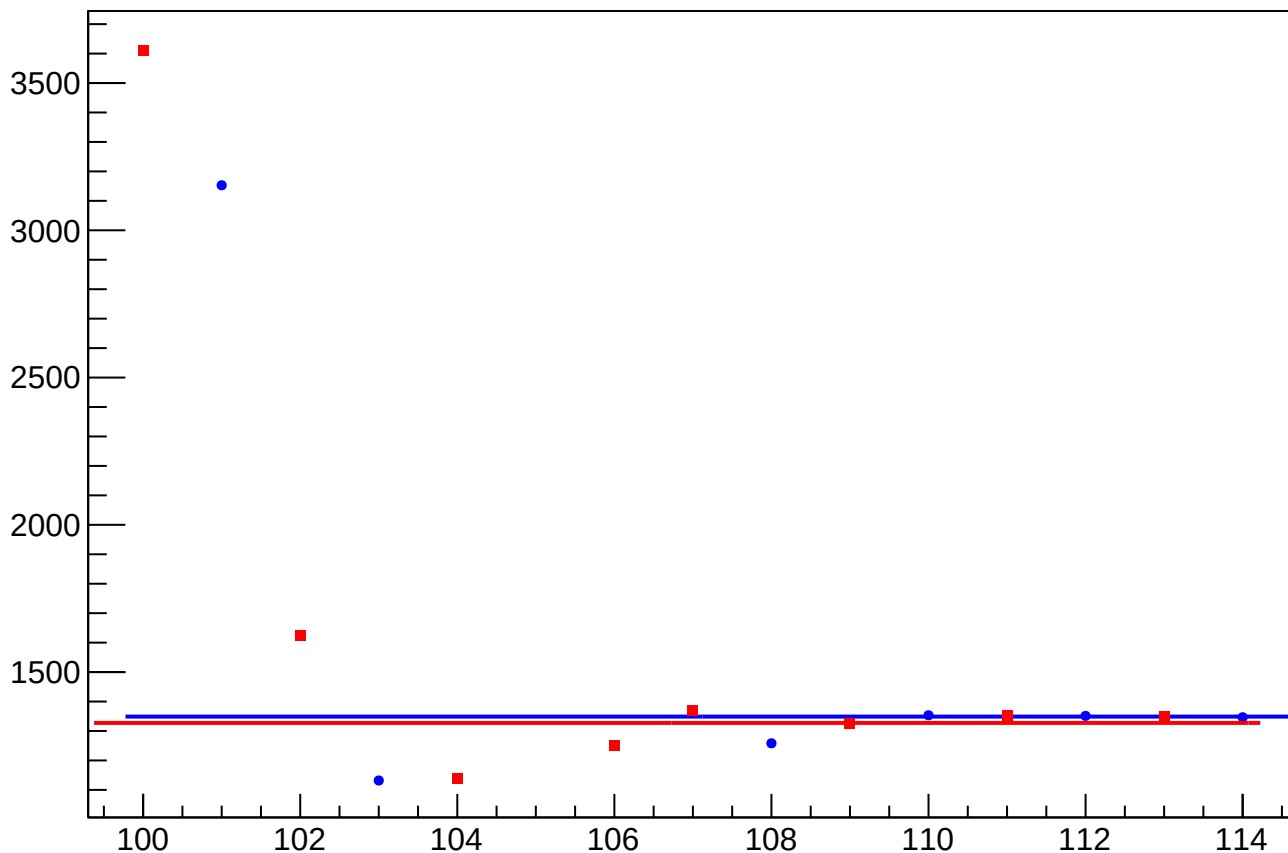
Right: -306.588+/-577.270 χ^2/NDF : 18.3/13

In: 658.551+/-873.748 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.588+/-577.270 χ^2/NDF : 18.3/13

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.860+/-0.618 χ^2/NDF : 476001.1/5

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

Right Out: 1327.452+/-0.544 χ^2/NDF : 121837.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

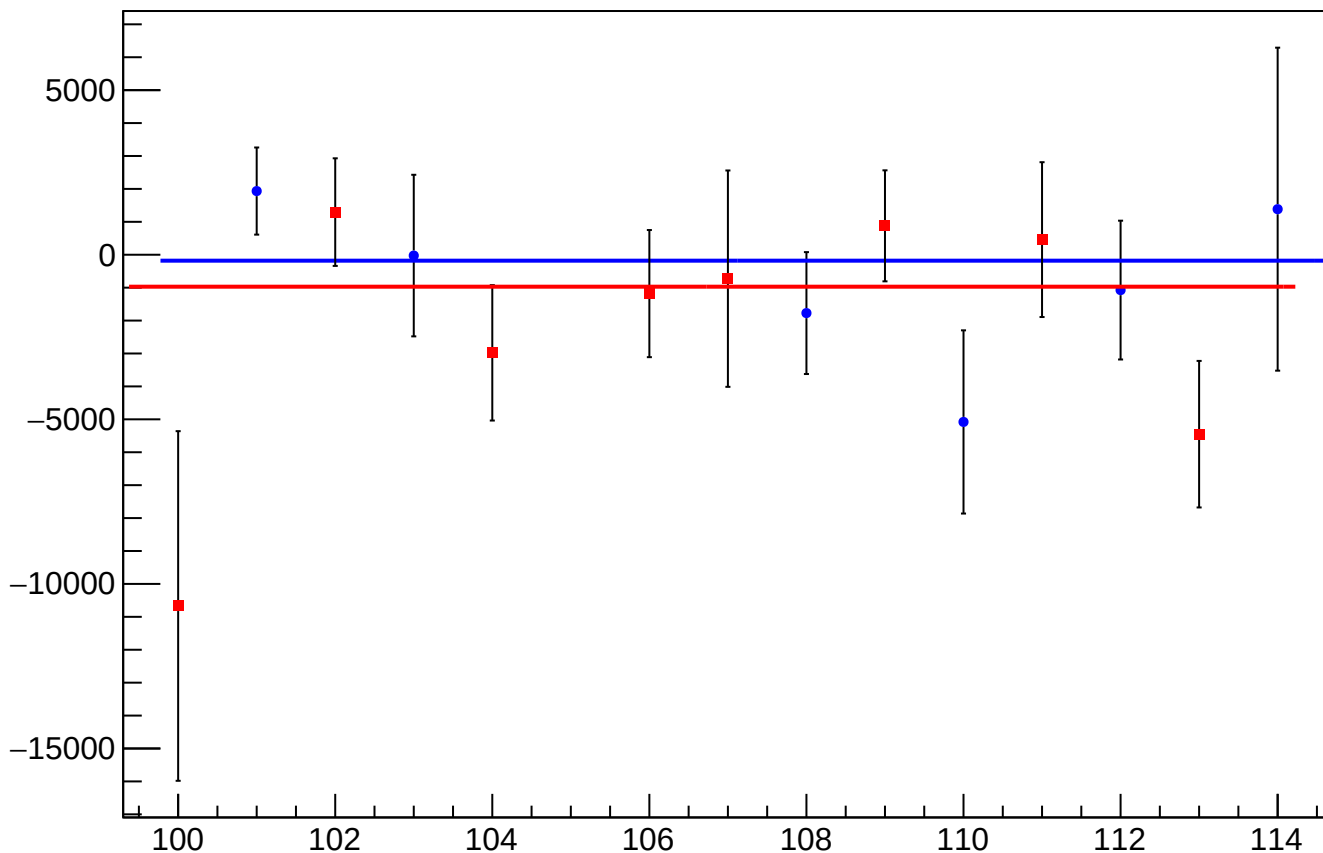
Right: 1336.797+/-0.408 χ^2/NDF : 598515.4/13

In: 1348.860+/-0.618 χ^2/NDF : 476001.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.797+/-0.408 χ^2/NDF : 598515.4/13

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

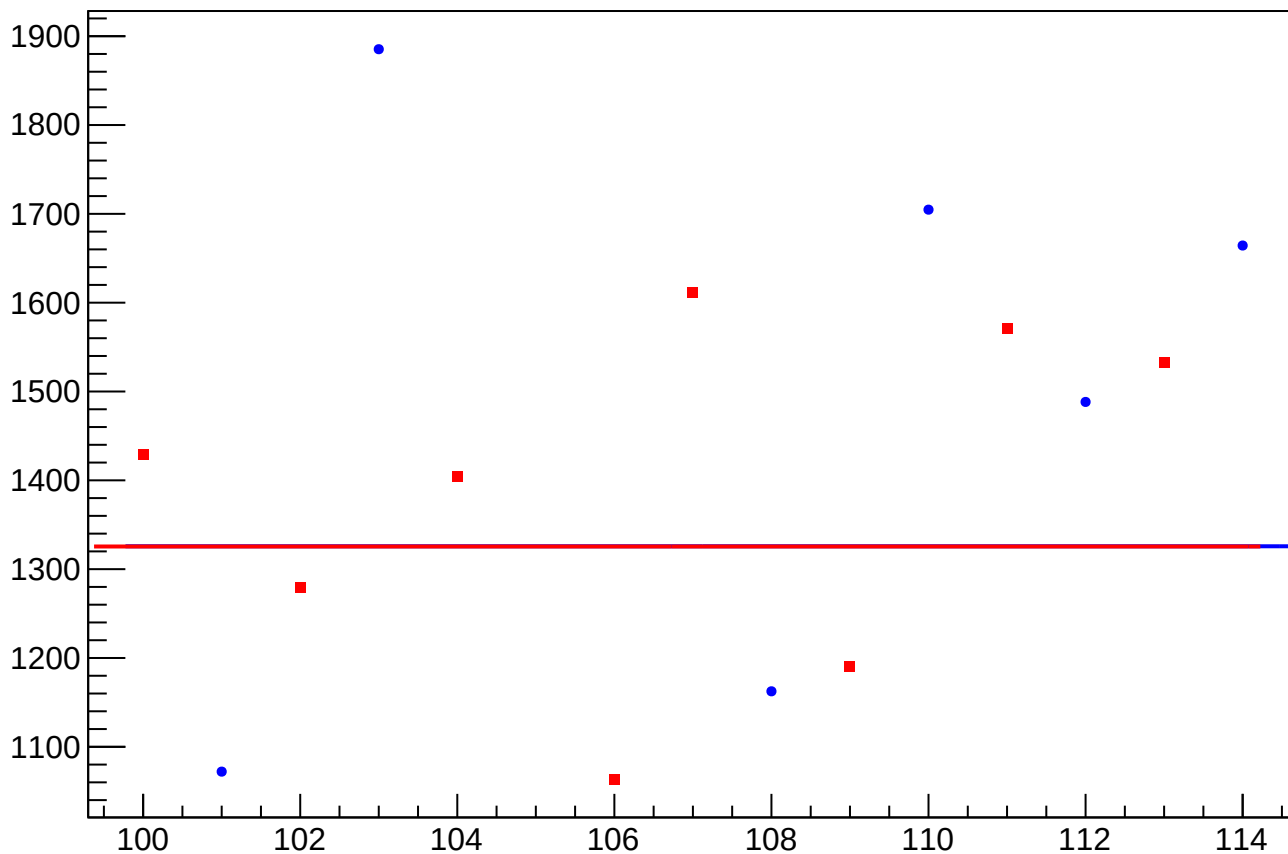
Right: -615.064+/-562.057 χ^2/NDF : 19.0/13

In: -180.333+/-837.953 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.064+/-562.057 χ^2/NDF : 19.0/13

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1325.766+/-0.593 χ^2/NDF : 251487.1/5

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

Right Out: 1325.516+/-0.536 χ^2/NDF : 109104.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

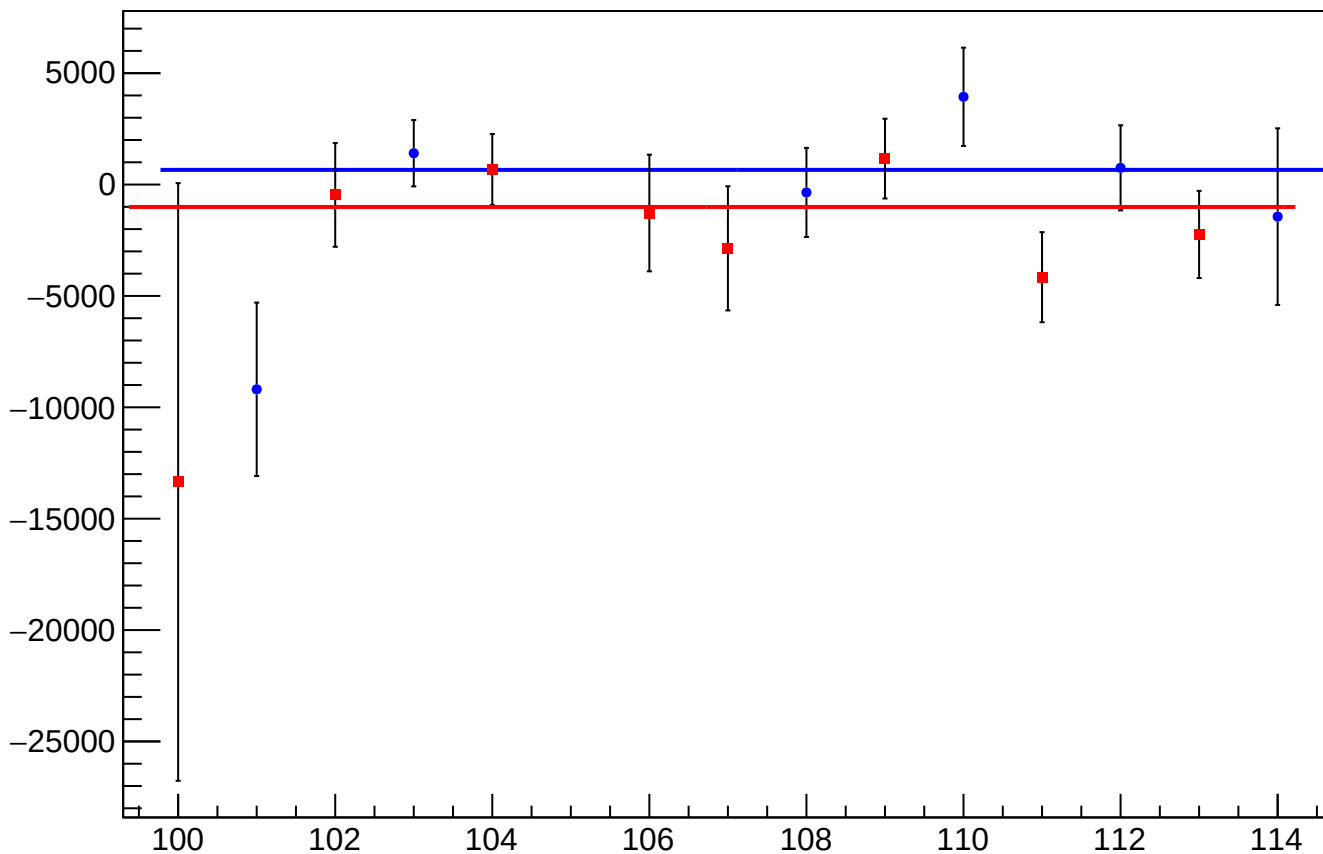
Right: 1325.629+/-0.397 χ^2/NDF : 360591.8/13

In: 1325.766+/-0.593 χ^2/NDF : 251487.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.629+/-0.397 χ^2/NDF : 360591.8/13

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

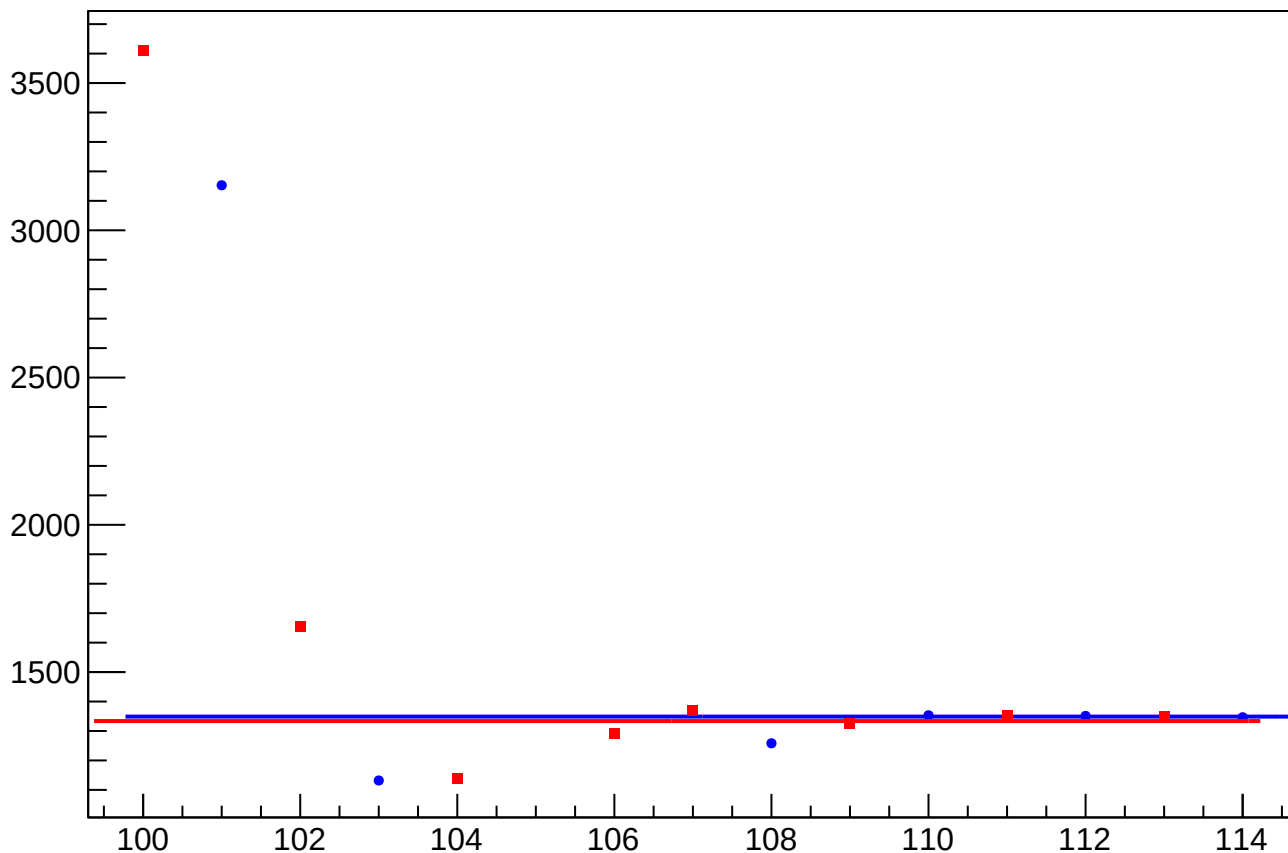
Right: -275.537+/-578.689 χ^2/NDF : 18.2/13

In: 659.316+/-873.749 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.537+/-578.689 χ^2/NDF : 18.2/13

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

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

Right Out: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

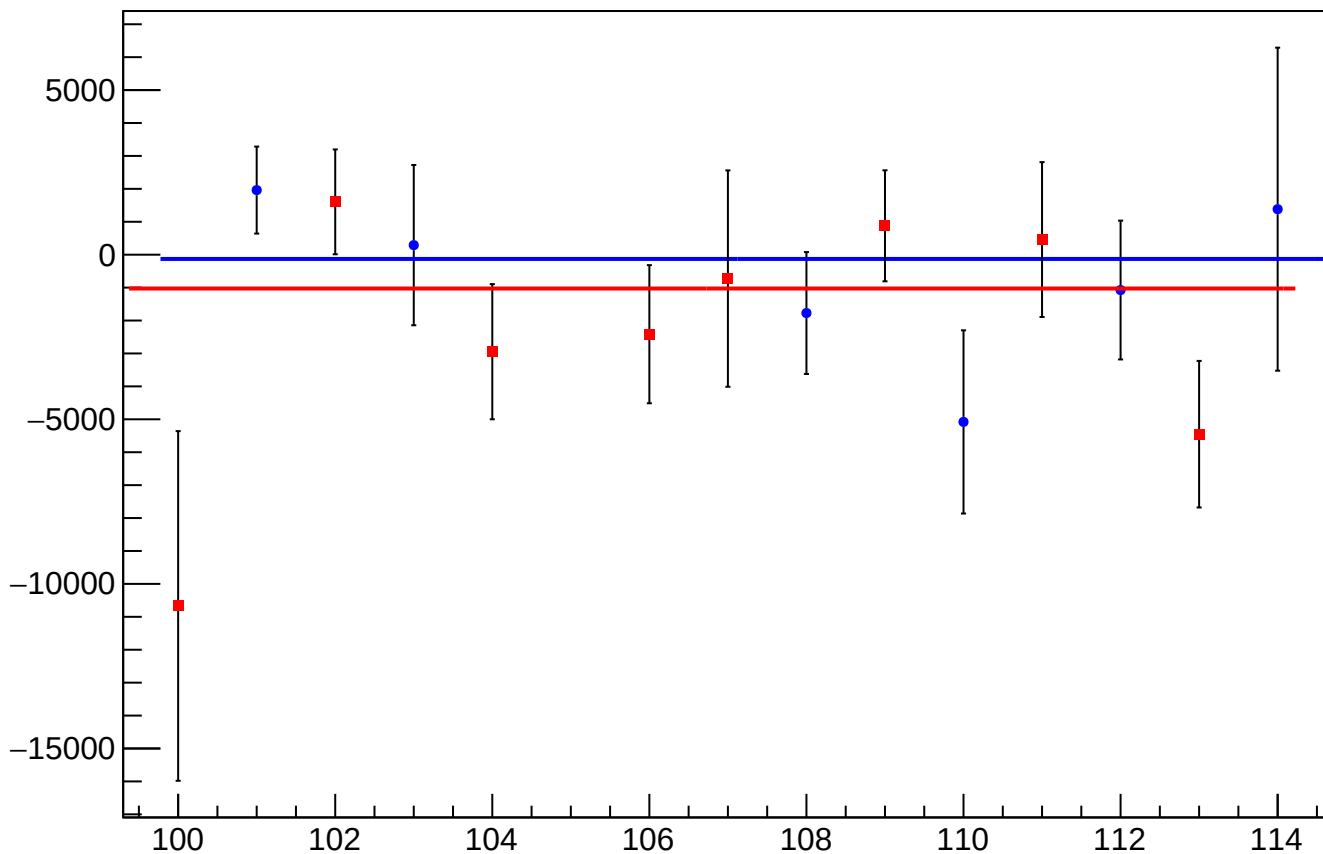
Right: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

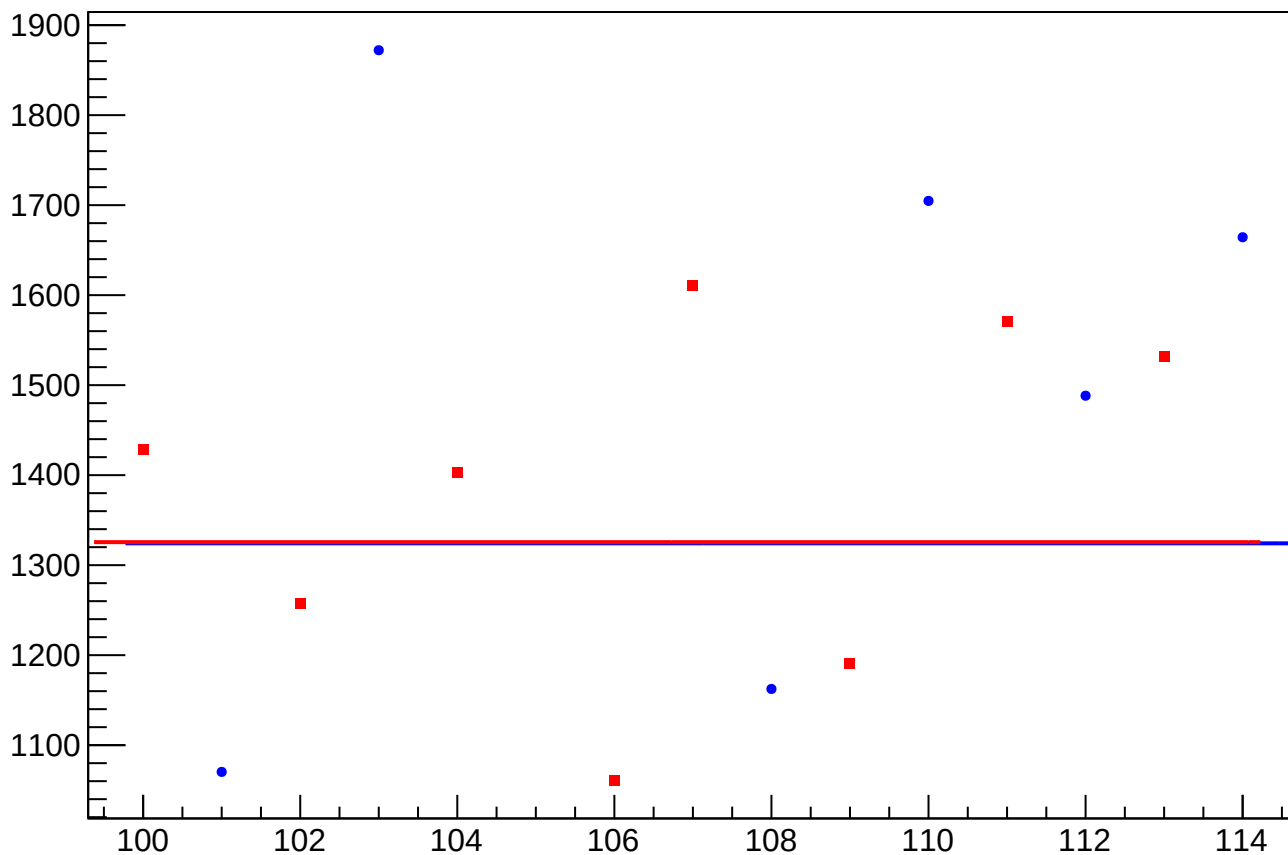
Right: -619.992+/-563.431 χ^2/NDF : 20.4/13

In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.992+/-563.431 χ^2/NDF : 20.4/13

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

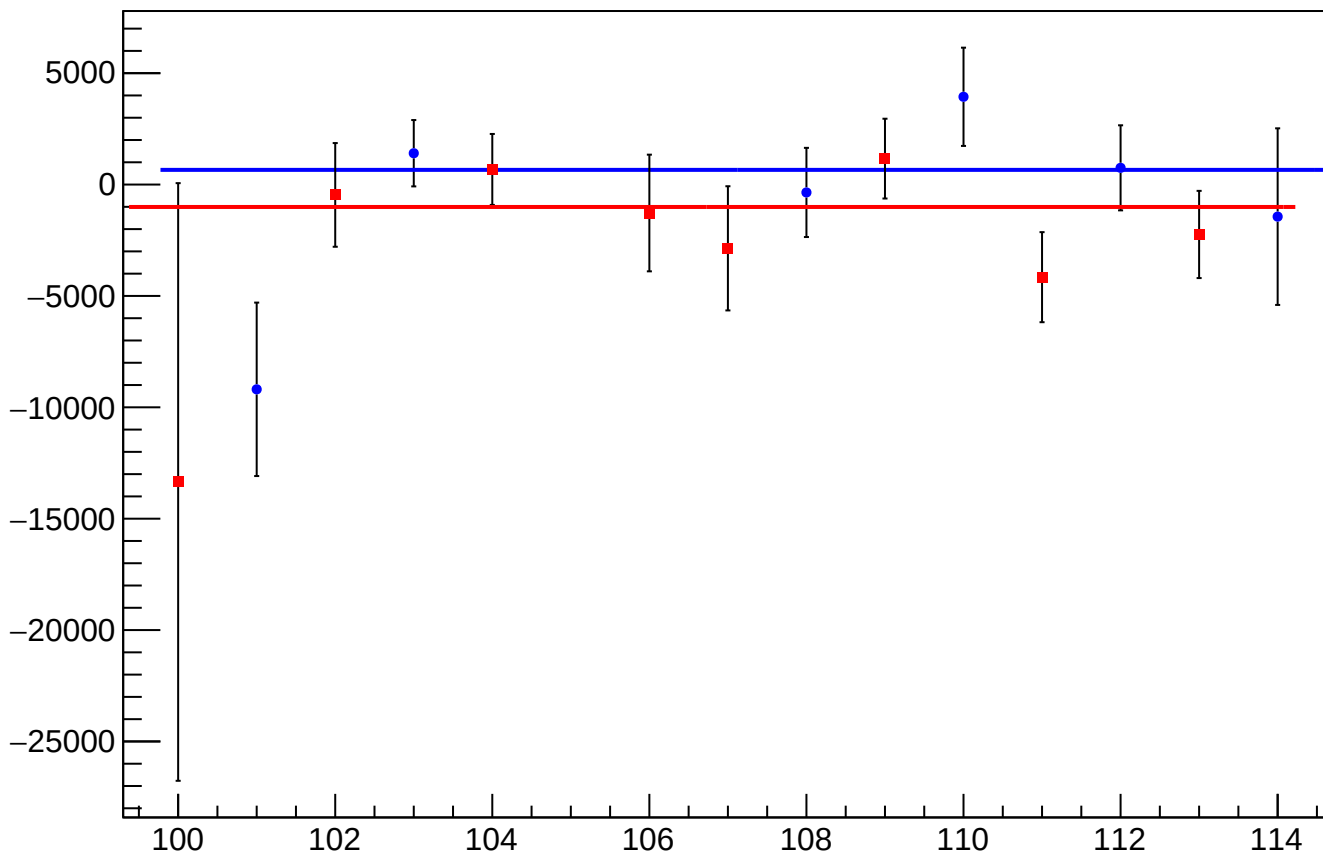
Right: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

In: 1324.251+/-0.592 χ^2/NDF :249555.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

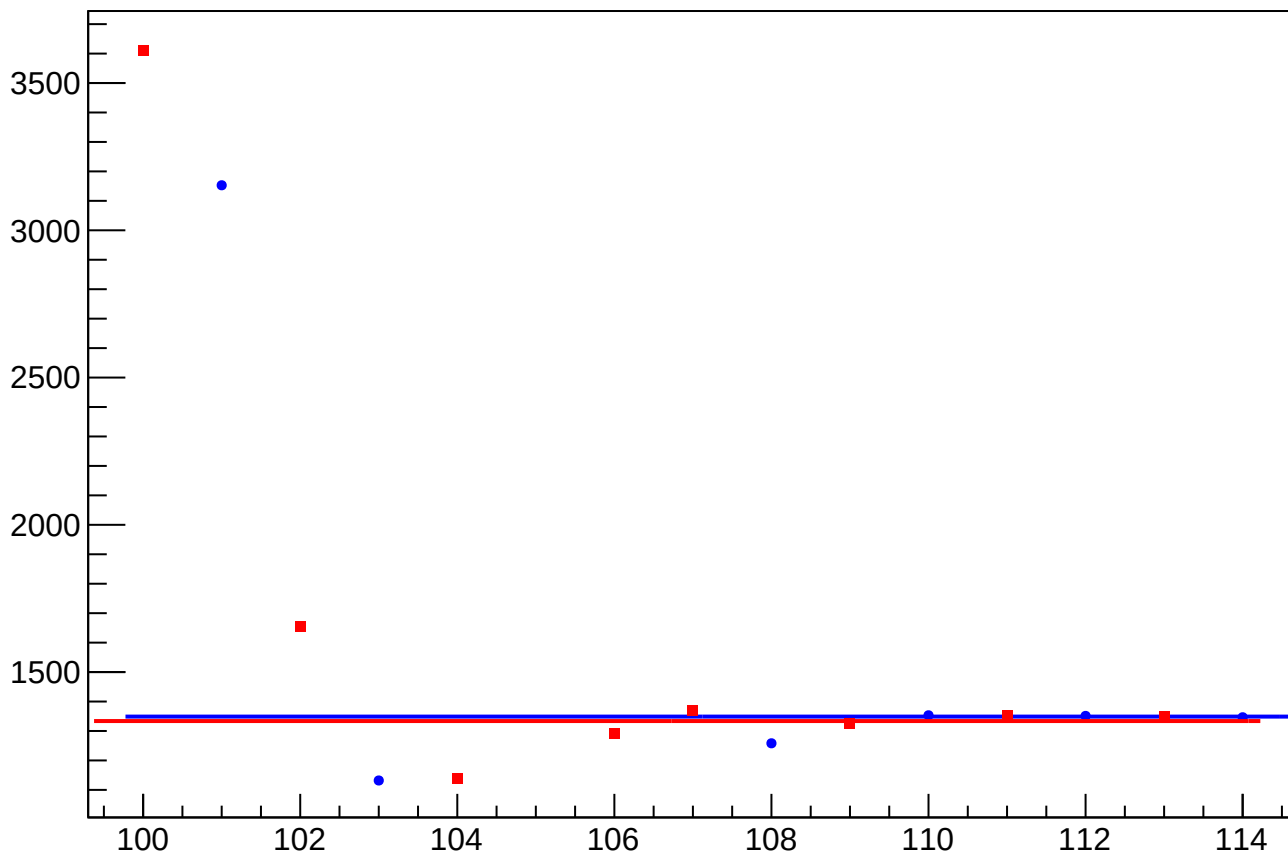
Right: -275.537+/-578.689 χ^2/NDF : 18.2/13

In: 659.316+/-873.749 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.537+/-578.689 χ^2/NDF : 18.2/13

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

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

Right Out: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

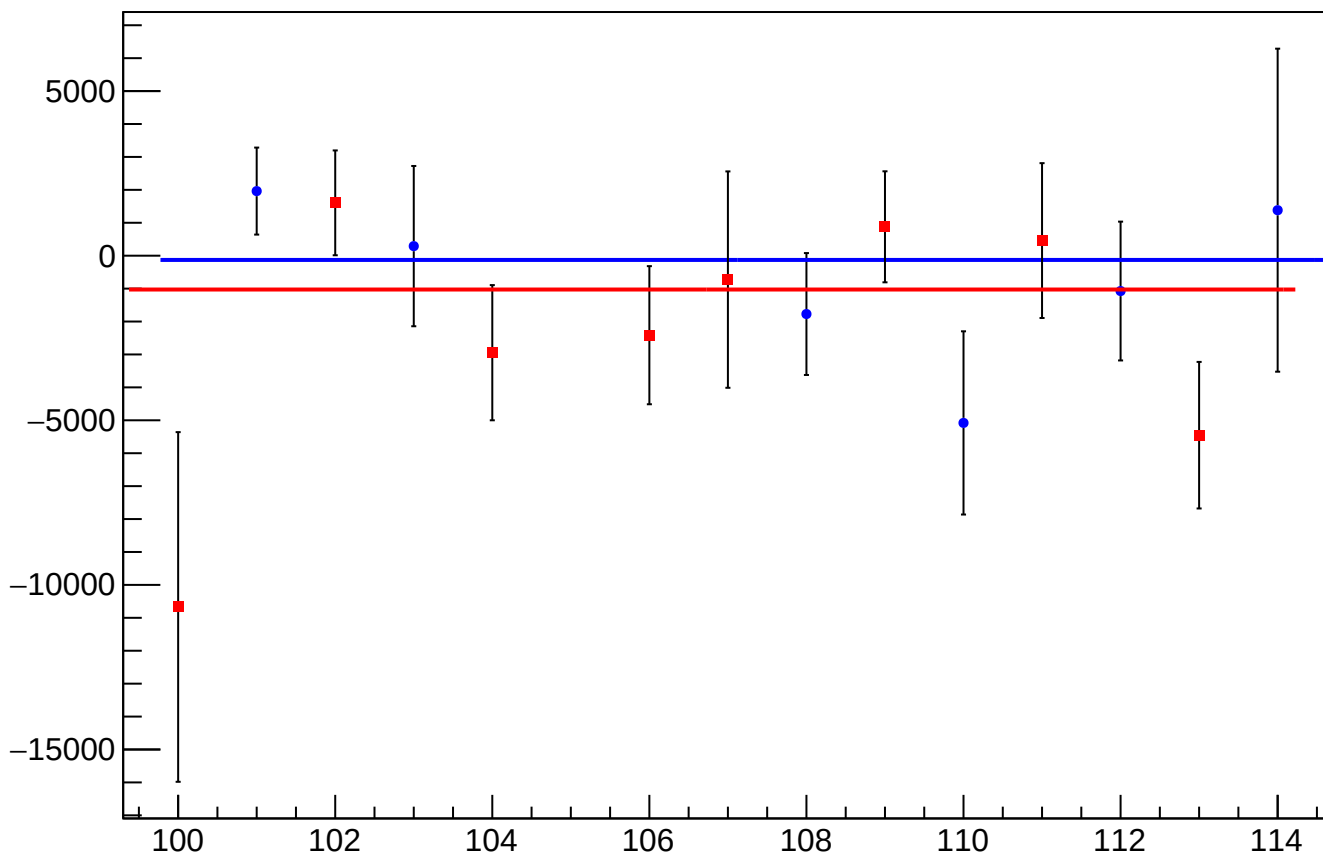
Right: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

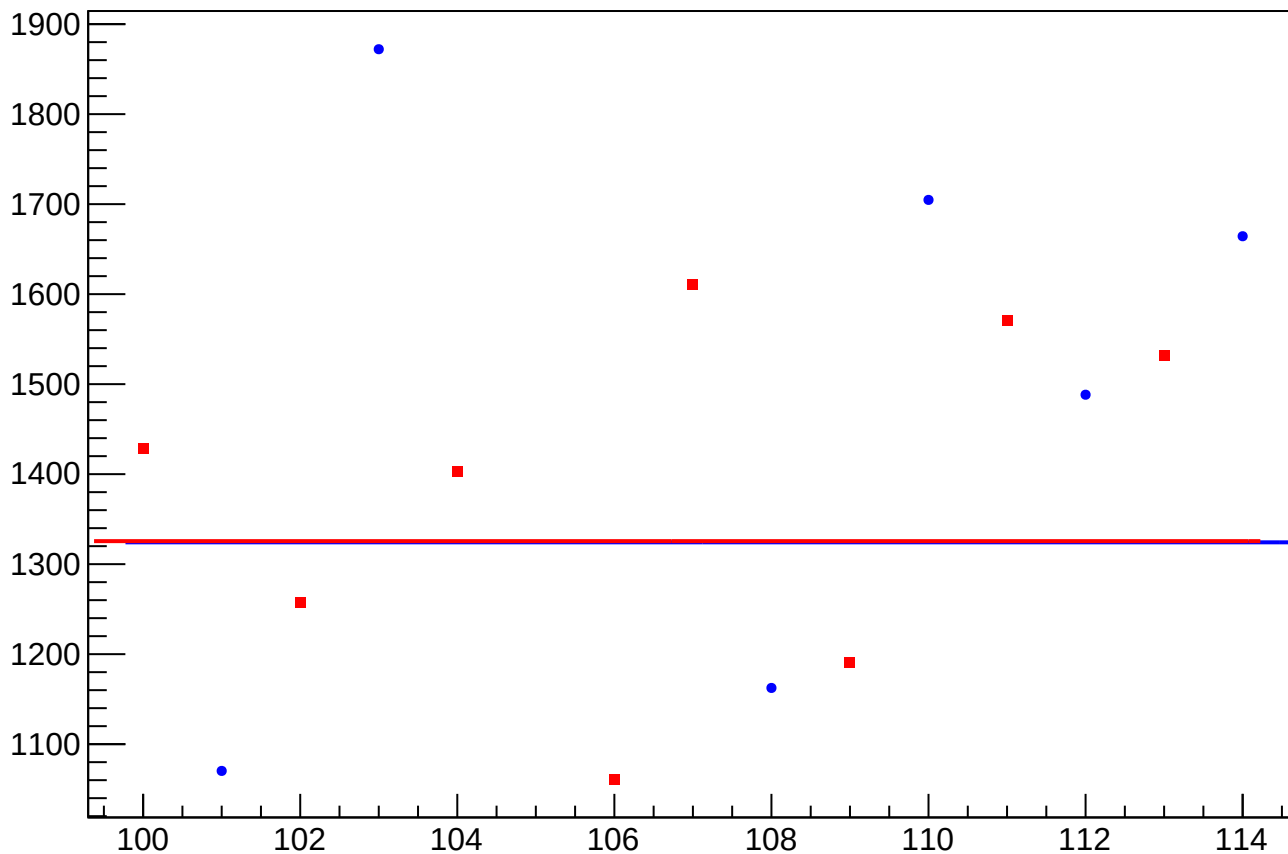
Right: -619.992+/-563.431 χ^2/NDF : 20.4/13

In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.992+/-563.431 χ^2/NDF : 20.4/13

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

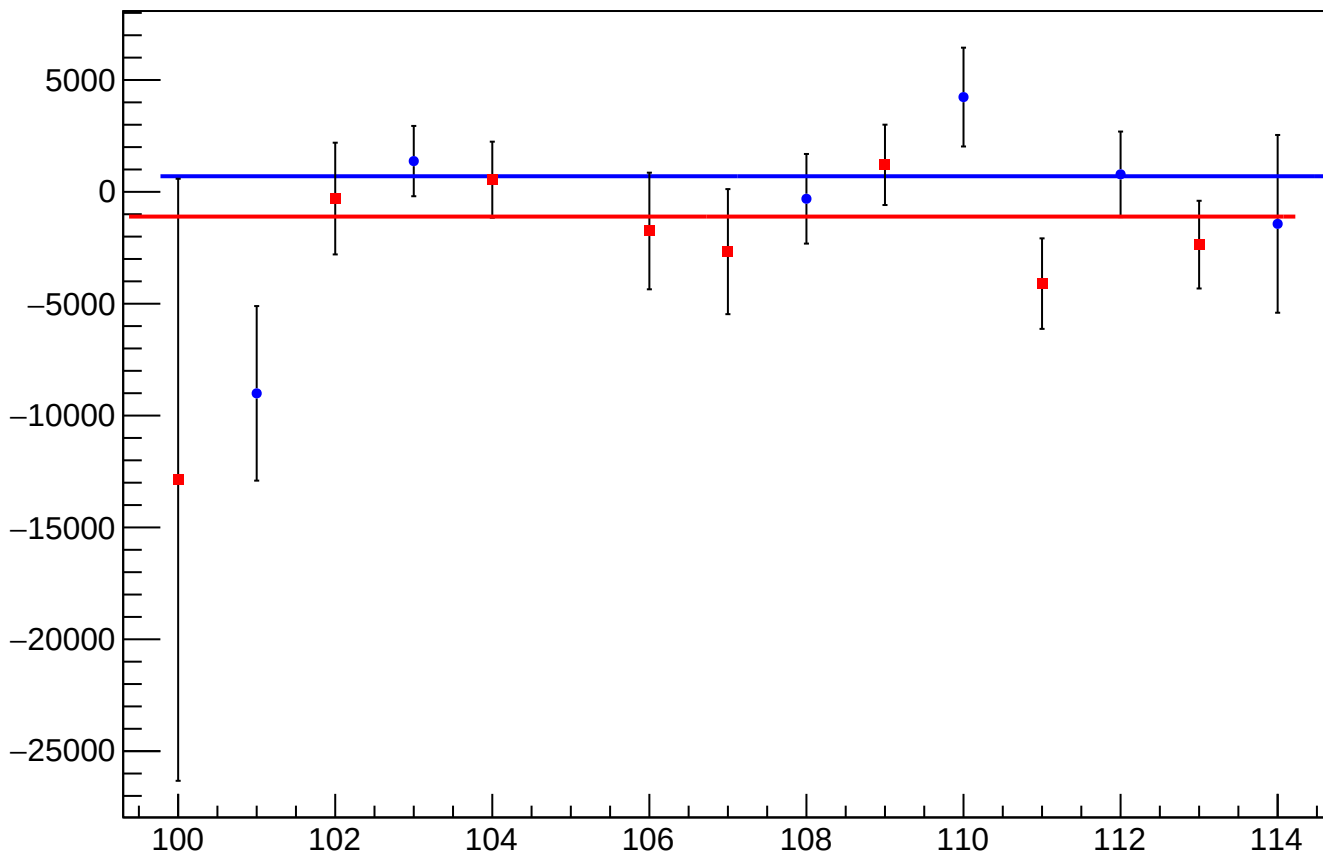
Right: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

In: 1324.251+/-0.592 χ^2/NDF :249555.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 697.774+/-890.149 χ^2/NDF : 9.5/5

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

Right Out: -1105.096+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

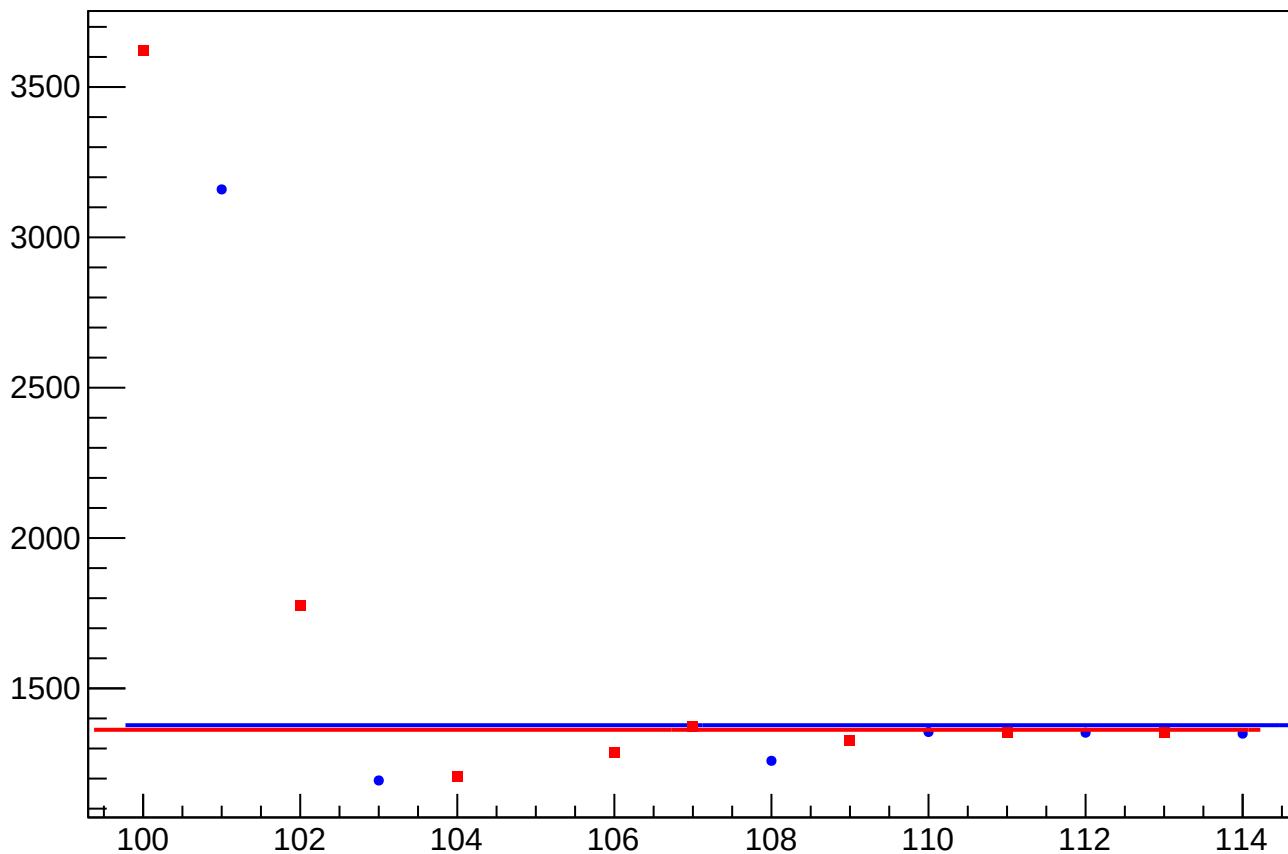
Right: -310.833+/-590.830 χ^2/NDF : 18.2/13

In: 697.774+/-890.149 χ^2/NDF :9.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -310.833+/-590.830 χ^2/NDF : 18.2/13

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1377.462+/-0.629 χ^2/NDF : 452258.0/5

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

Right Out: 1362.240+/-0.559 χ^2/NDF : 130435.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

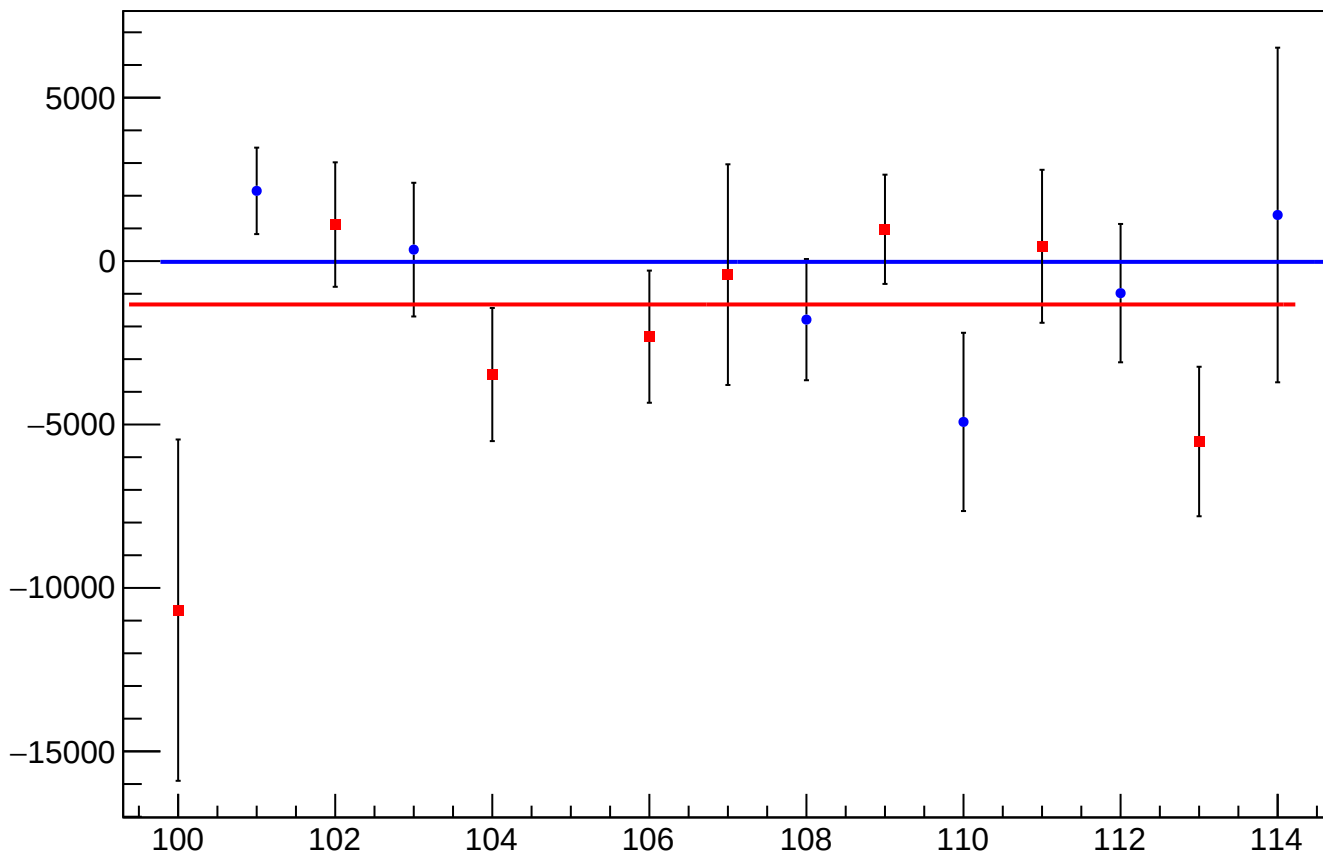
Right: 1368.946+/-0.418 χ^2/NDF : 583020.2/13

In: 1377.462+/-0.629 χ^2/NDF : 452258.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.946+/-0.418 χ^2/NDF : 583020.2/13

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -23.622+/-817.225 χ^2/NDF : 7.1/5

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

Right Out: -1327.016+/-786.238 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

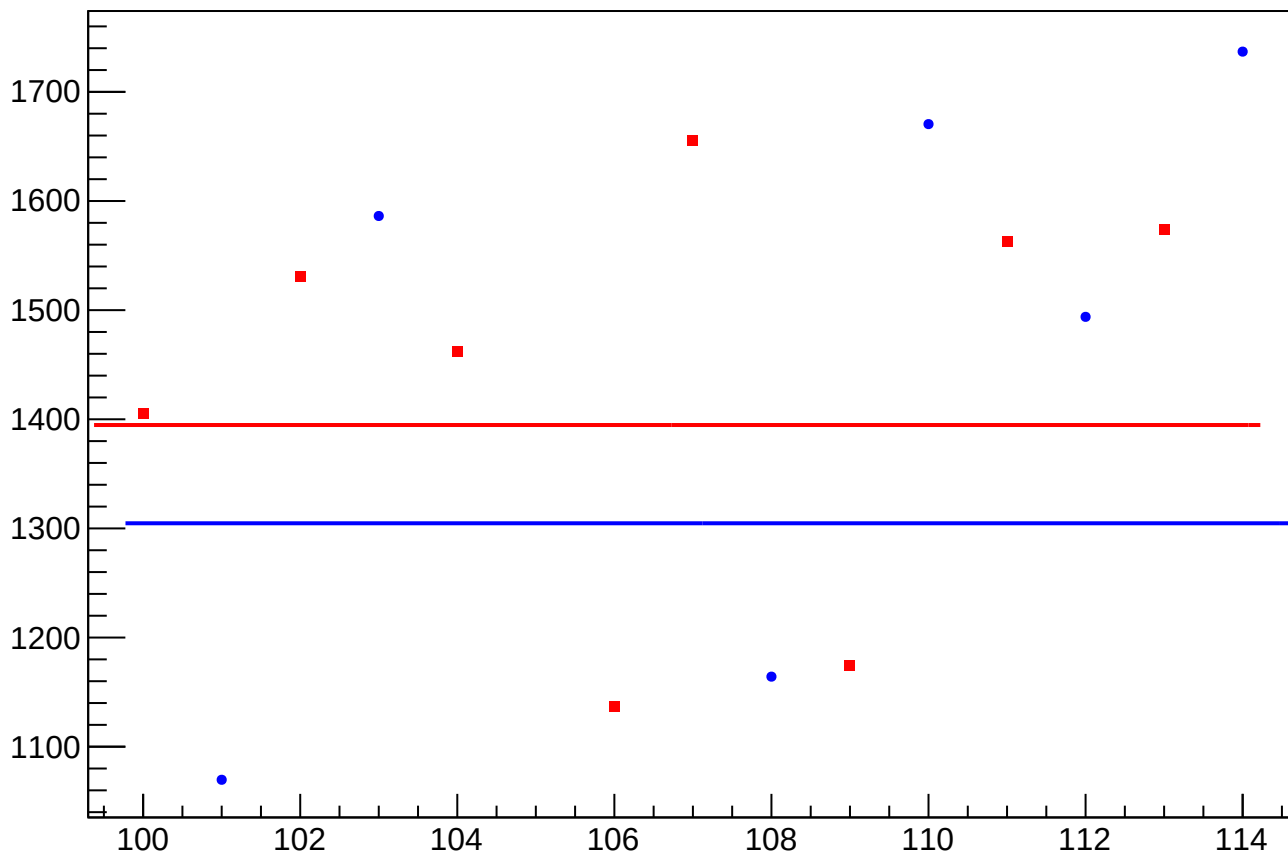
Right: -700.497+/-566.592 χ^2/NDF : 20.6/13

In: -23.622+/-817.225 χ^2/NDF :7.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -700.497+/-566.592 χ^2/NDF : 20.6/13

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

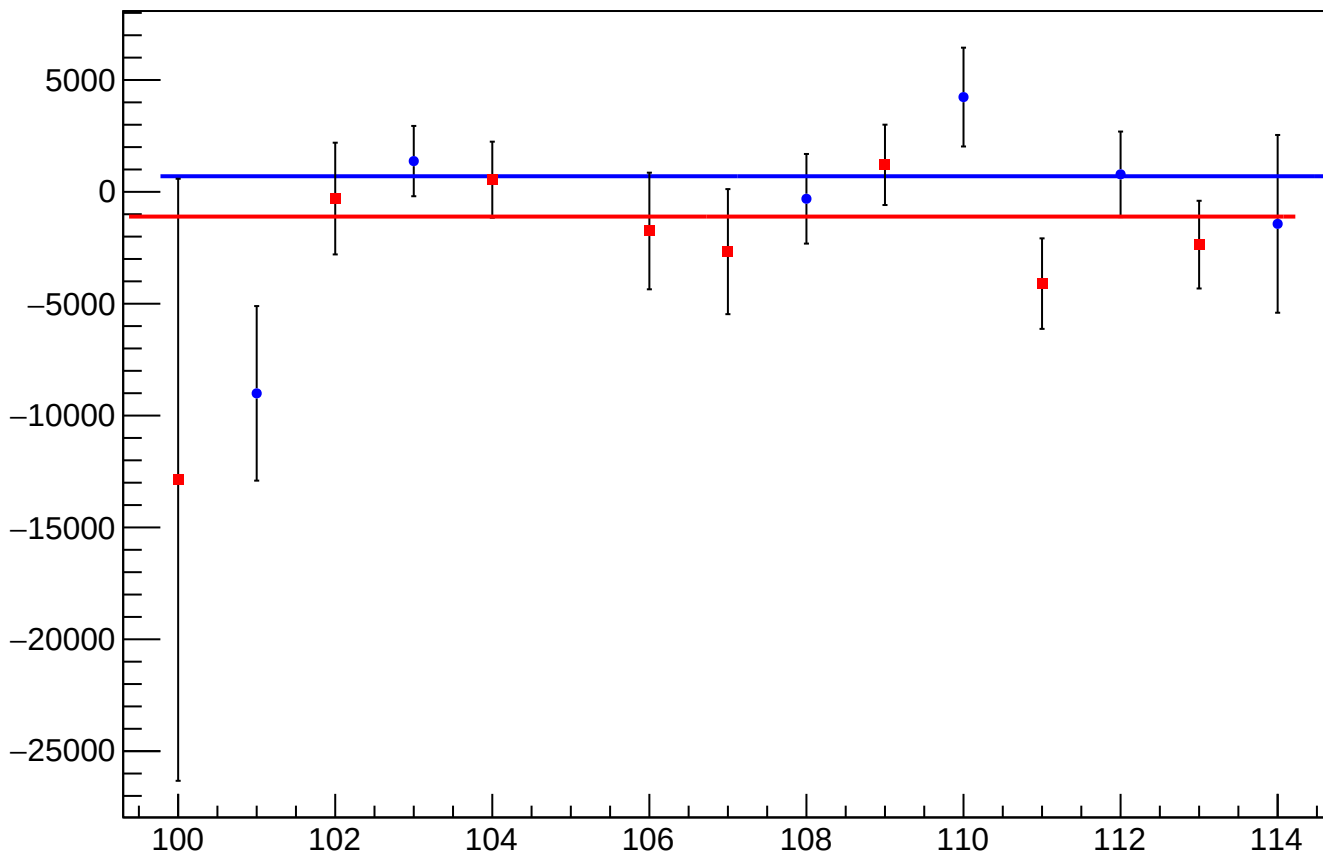
Right: 1351.468+/-0.401 χ^2/NDF : 305836.6/13

In: 1304.709+/-0.578 χ^2/NDF : 178753.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.468+/-0.401 χ^2/NDF : 305836.6/13

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 697.770+/-890.149 χ^2/NDF : 9.5/5

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

Right Out: -1105.097+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

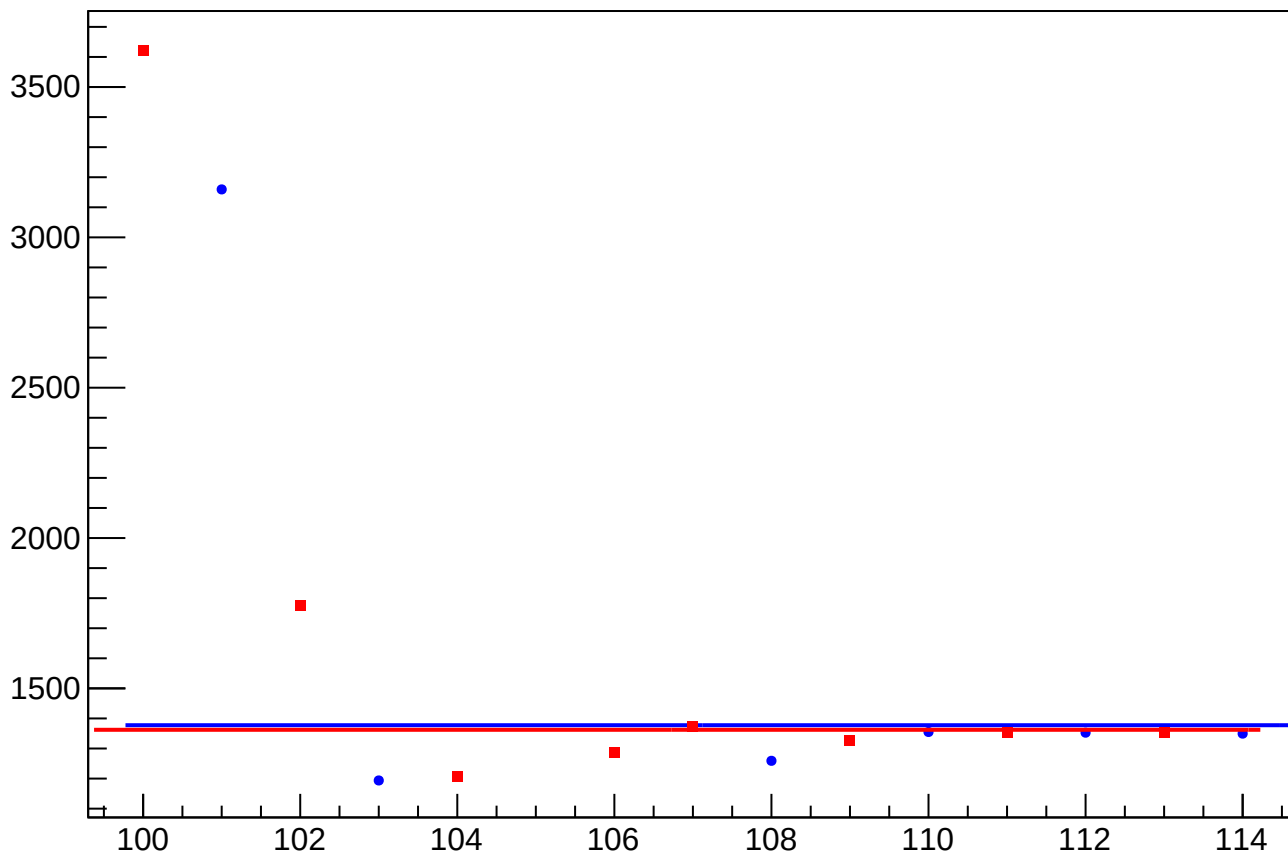
Right: -310.836+/-590.830 χ^2/NDF : 18.2/13

In: 697.770+/-890.149 χ^2/NDF :9.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -310.836+/-590.830 χ^2/NDF : 18.2/13

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1377.462+/-0.629 χ^2/NDF : 452258.3/5

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

Right Out: 1362.239+/-0.559 χ^2/NDF : 130434.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

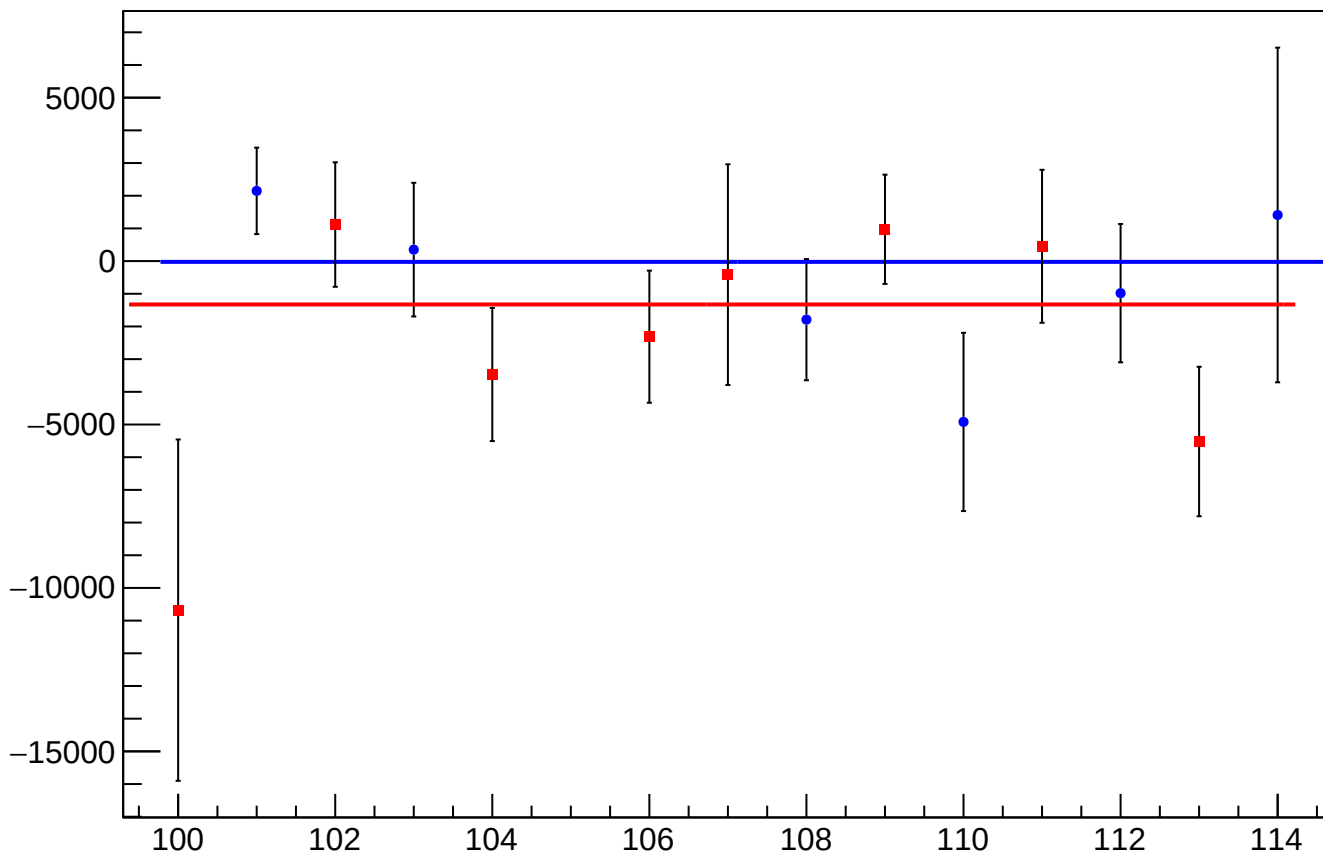
Right: 1368.945+/-0.418 χ^2/NDF : 583020.5/13

In: 1377.462+/-0.629 χ^2/NDF : 452258.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.945+/-0.418 χ^2/NDF : 583020.5/13

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

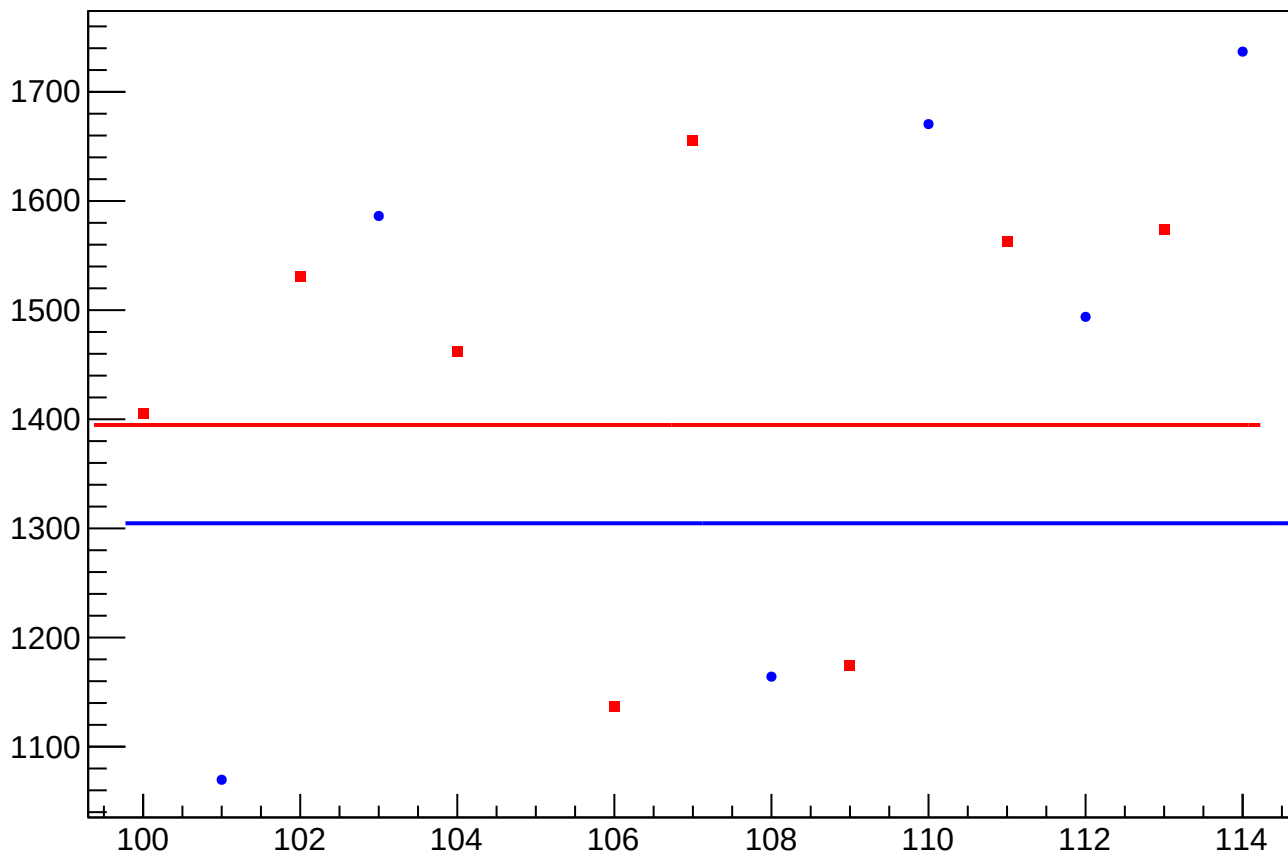
Right: -700.497+/-566.591 χ^2/NDF : 20.6/13

In: -23.621+/-817.222 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.497+/-566.591 χ^2/NDF : 20.6/13

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

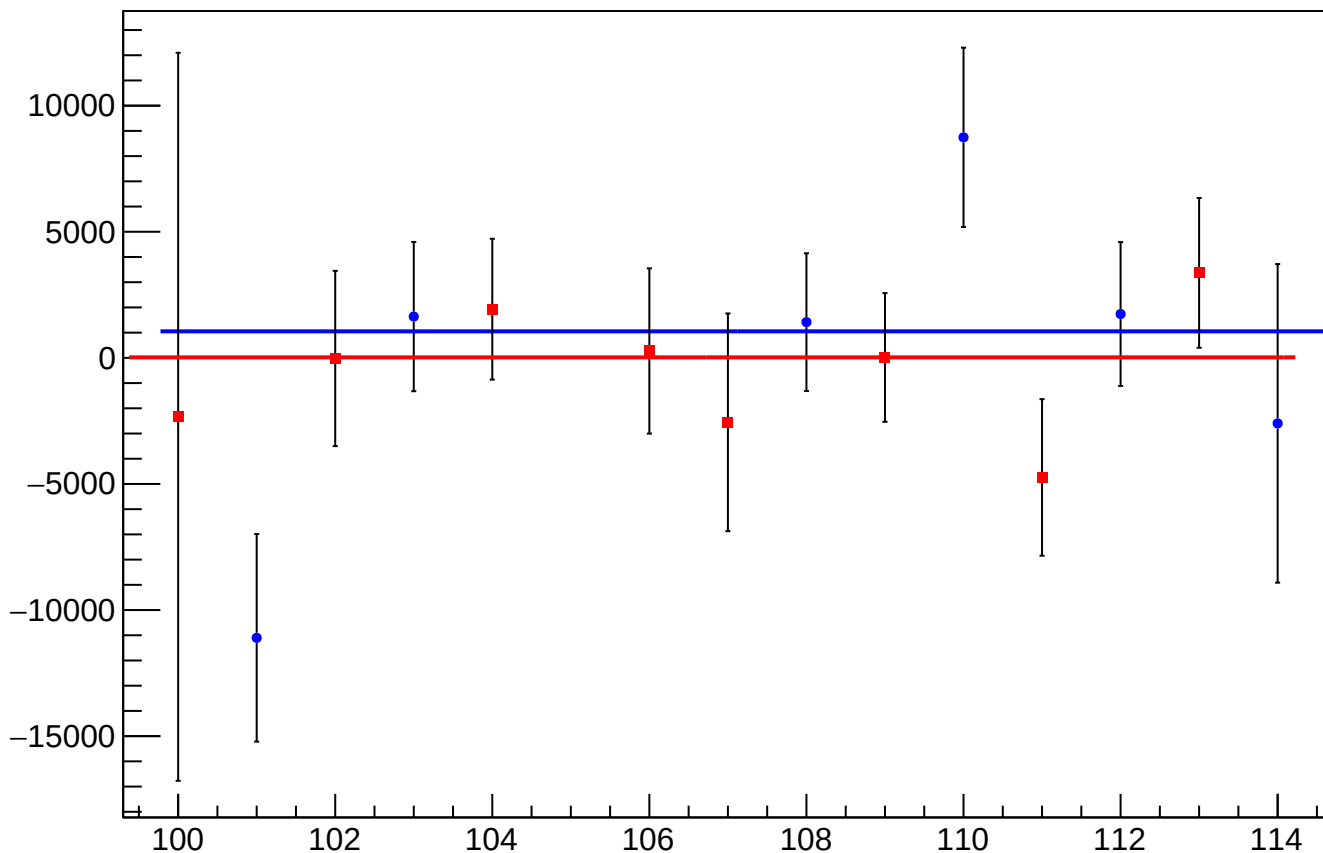
Right: 1351.465+/-0.401 χ^2/NDF : 305847.9/13

In: 1304.704+/-0.578 χ^2/NDF : 178760.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.465+/-0.401 χ^2/NDF : 305847.9/13

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

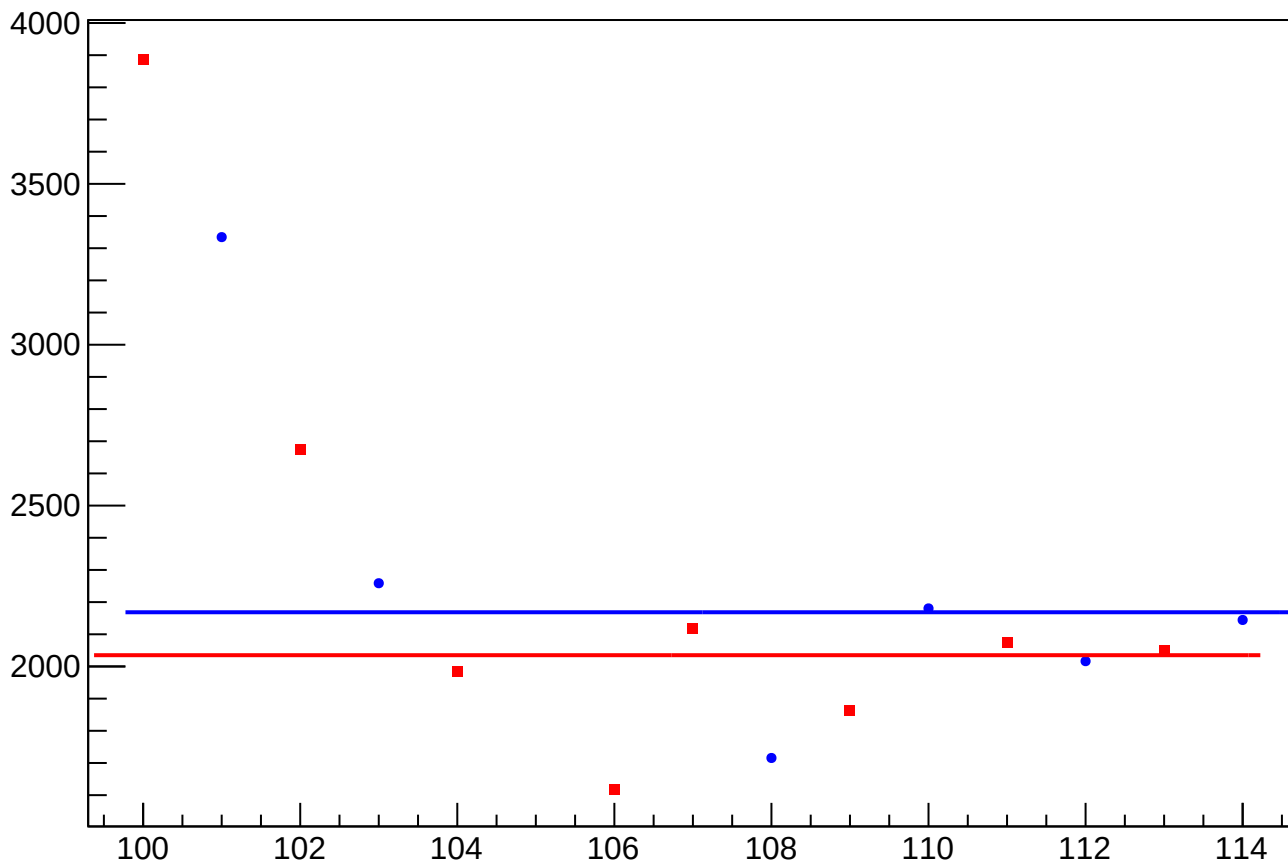
Right: 455.183+/-888.170 χ^2/NDF : 18.7/13

In: 1051.706+/-1367.861 χ^2/NDF : 13.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.183+/-888.170 χ^2/NDF : 18.7/13

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

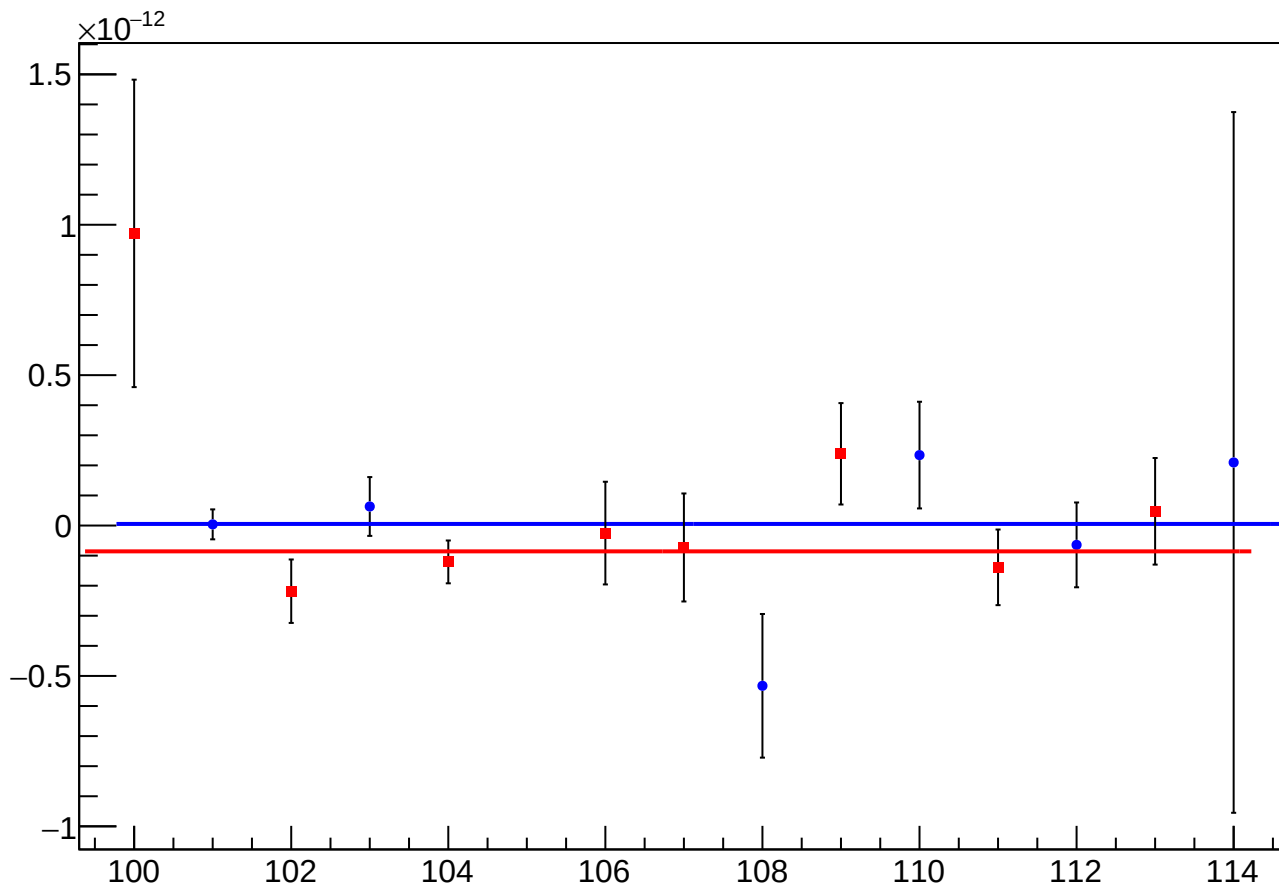
Right: 2091.277+/-0.628 χ^2/NDF : 377898.2/13

In: 2168.472+/-0.967 χ^2/NDF : 223110.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2091.277+/-0.628 χ^2/NDF : 377898.2/13

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/5

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

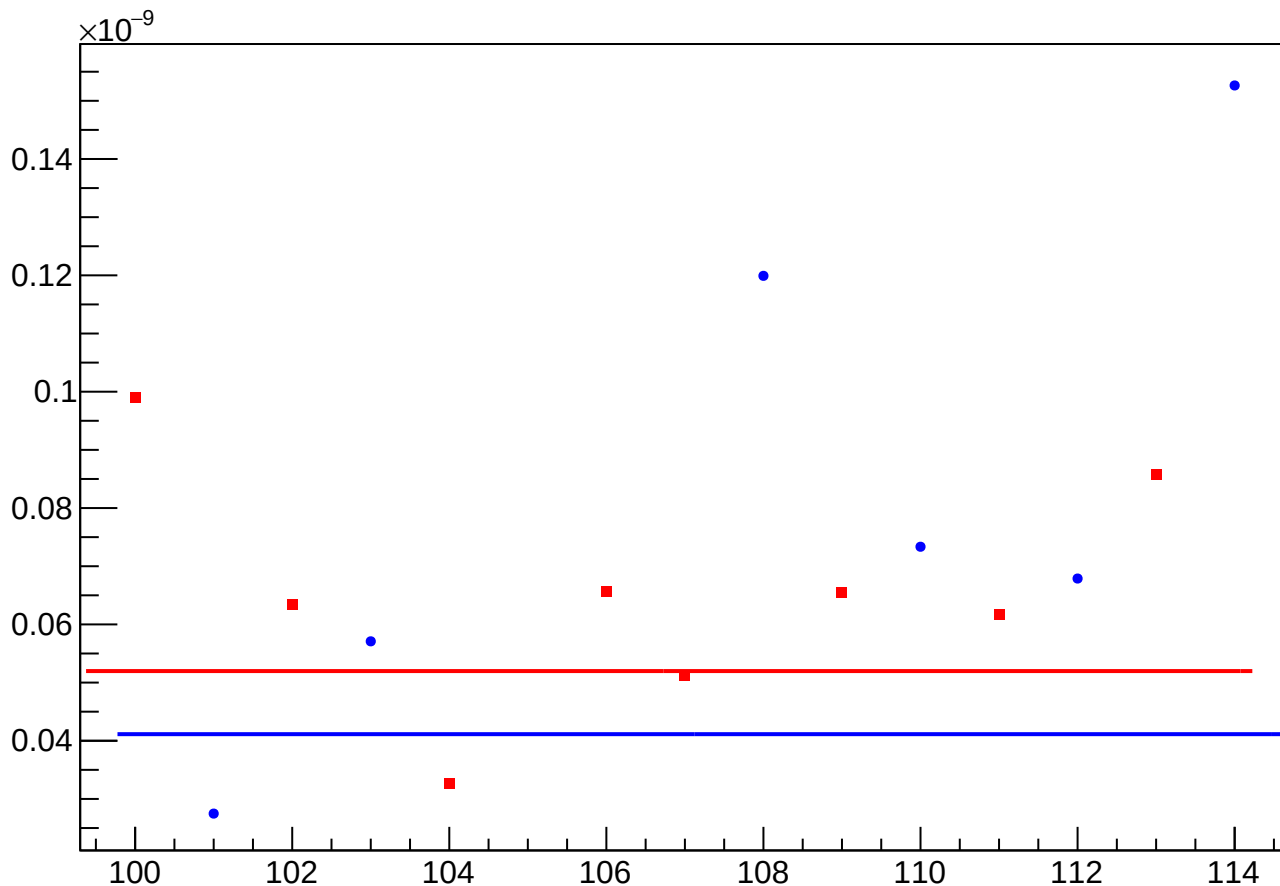
Right: -0.000+/-0.000 χ^2/NDF : 20.3/13

In: 0.000+/-0.000 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.3/13

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

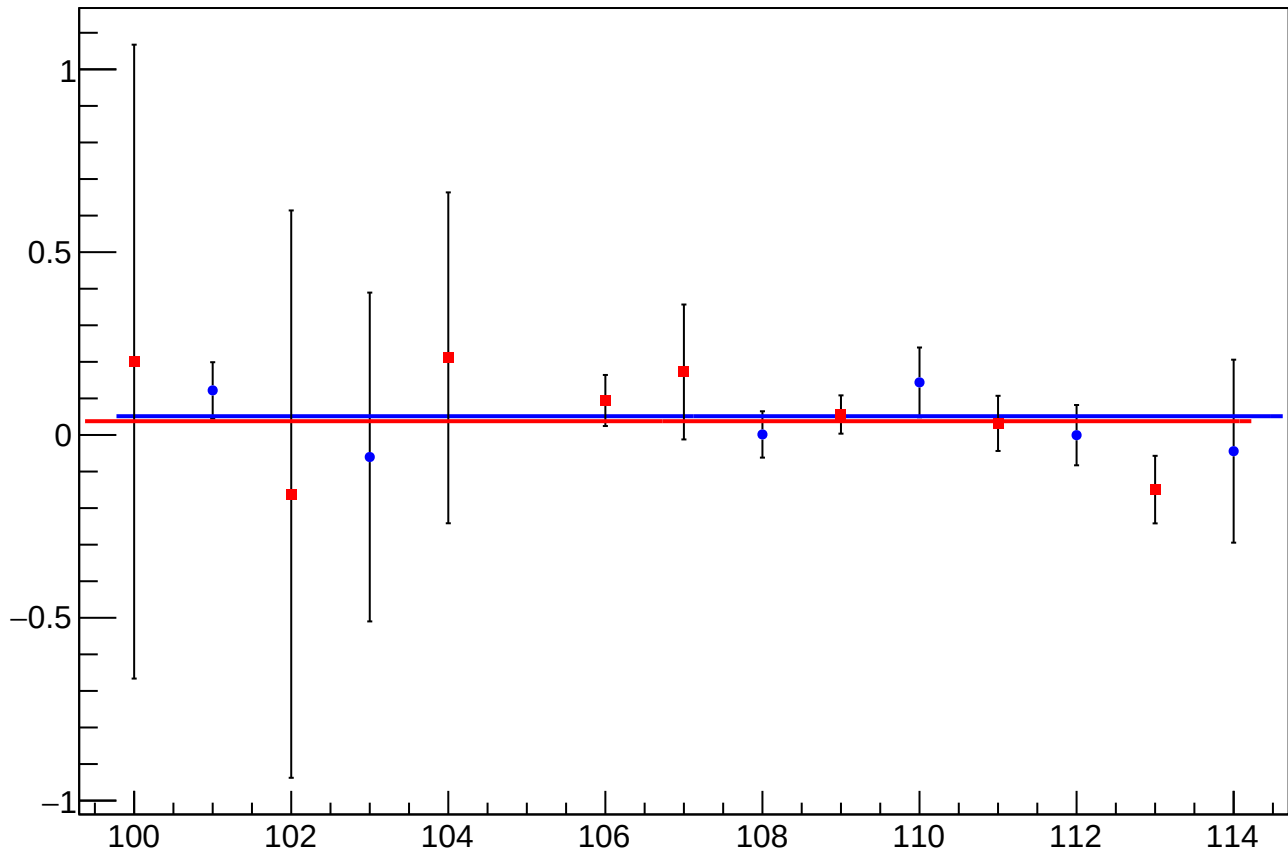
Right: 0.000+/-0.000 χ^2/NDF : 940737.4/13

In: 0.000+/-0.000 χ^2/NDF : 577565.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940737.4/13

asym_atl_dd_atr_dd_dd_dit_vs_Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

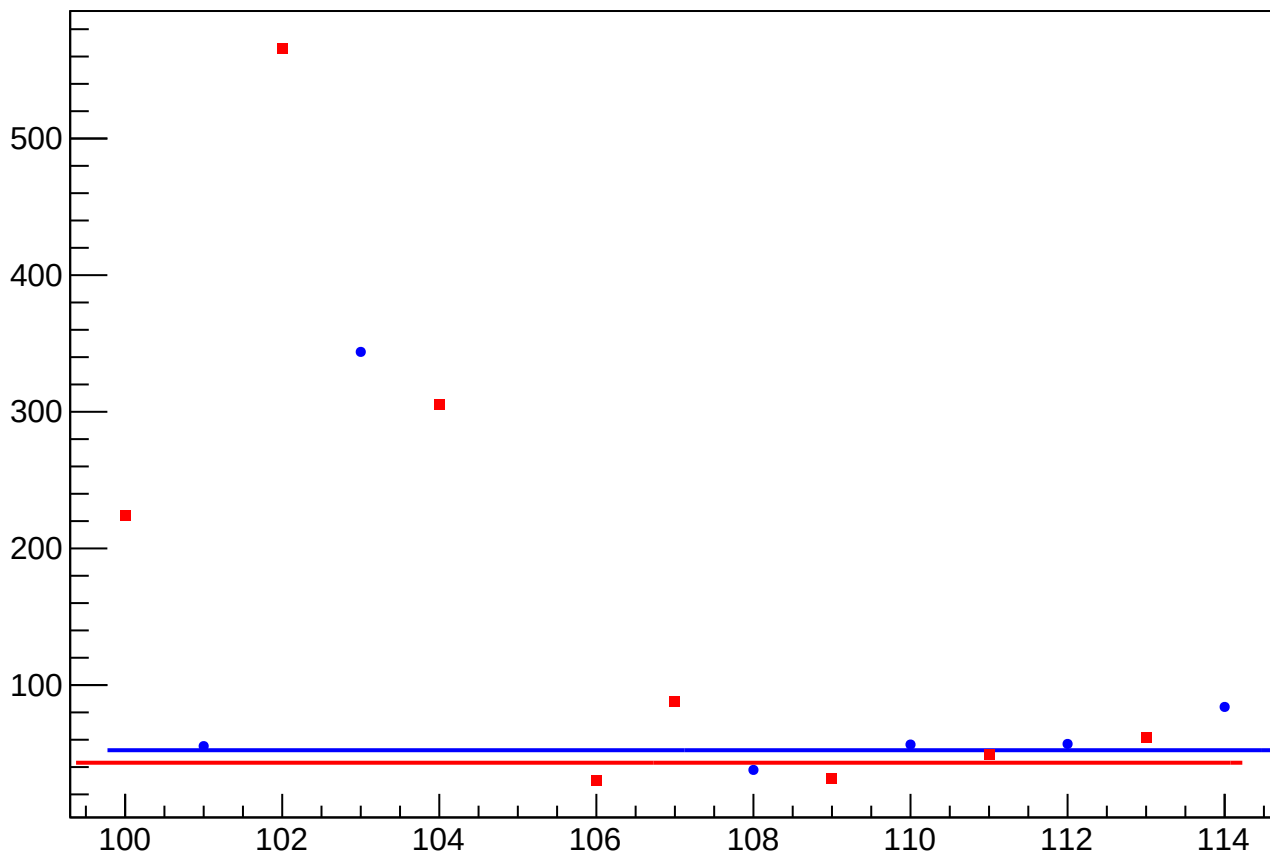
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

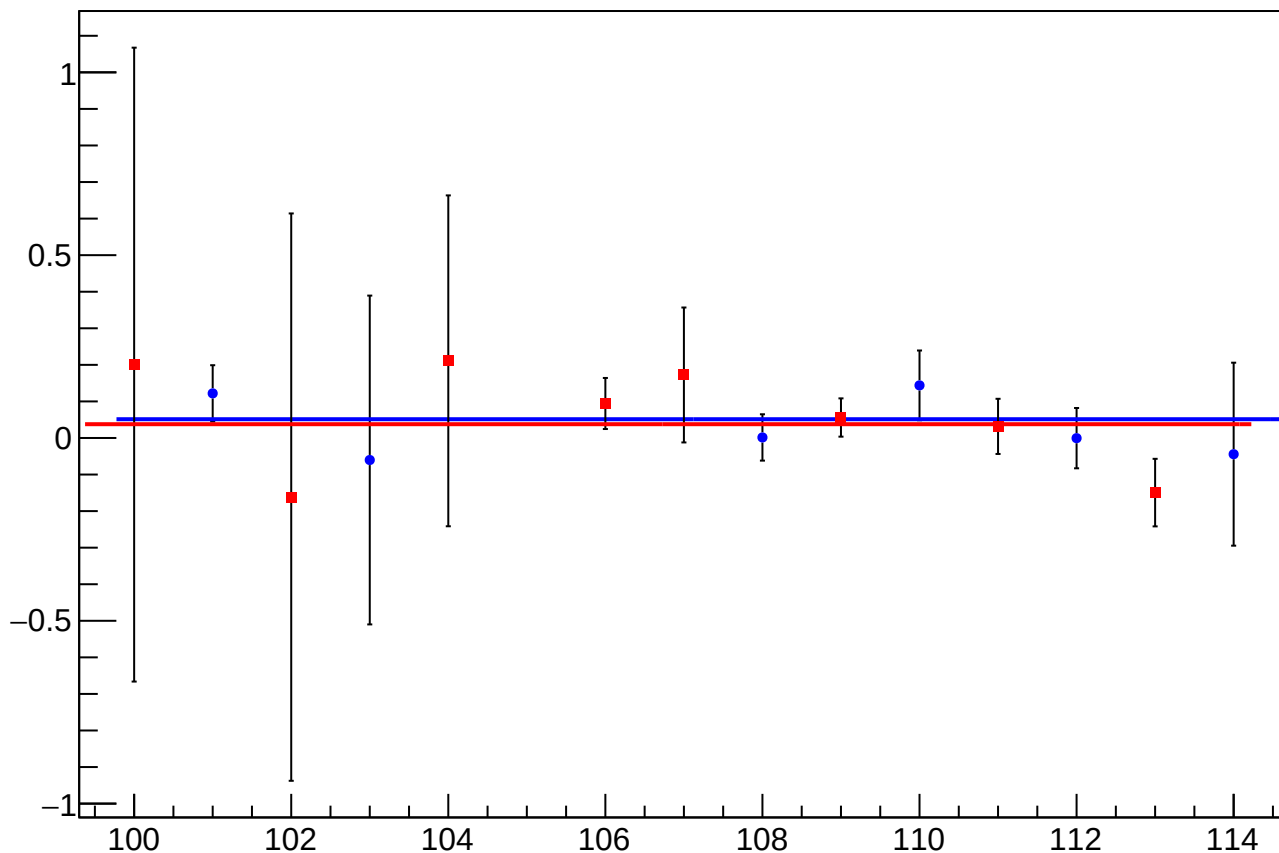
Right: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

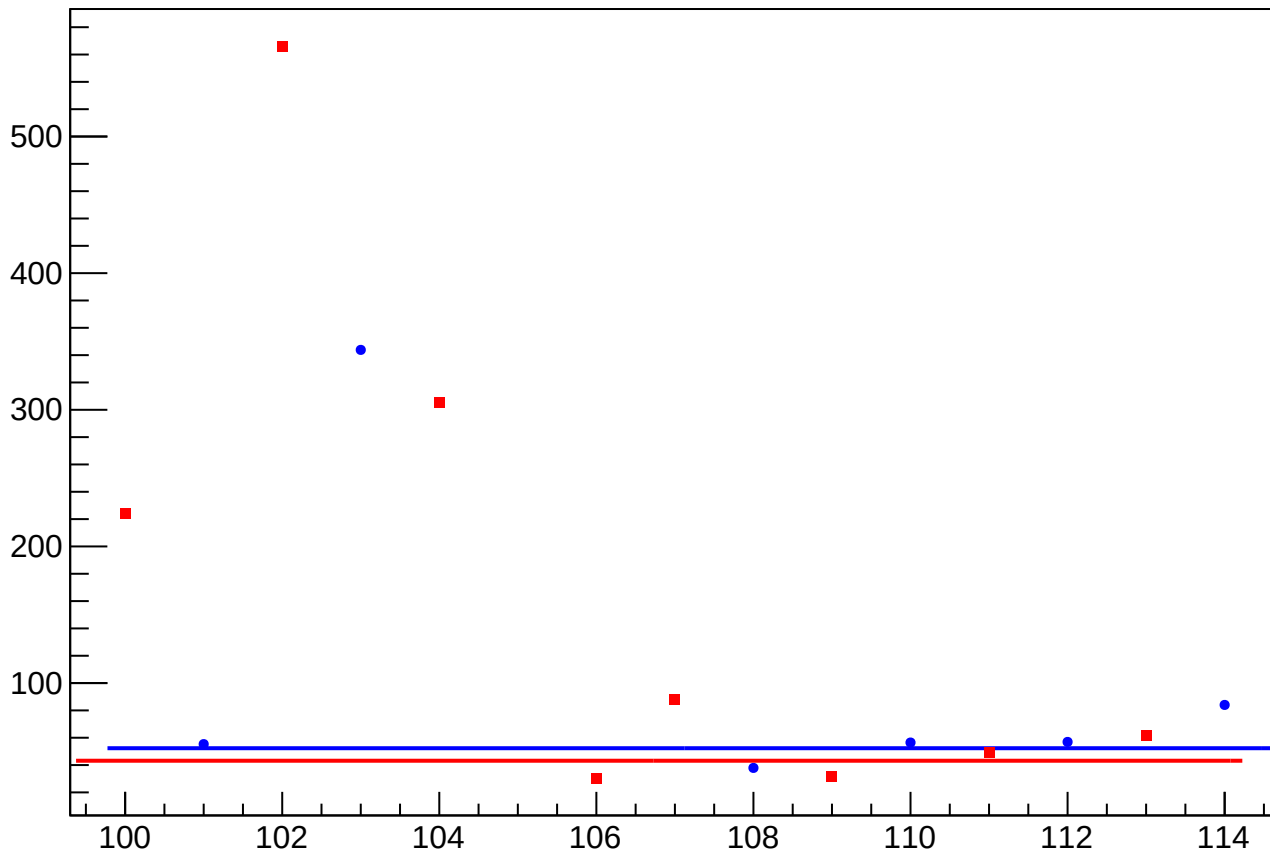
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

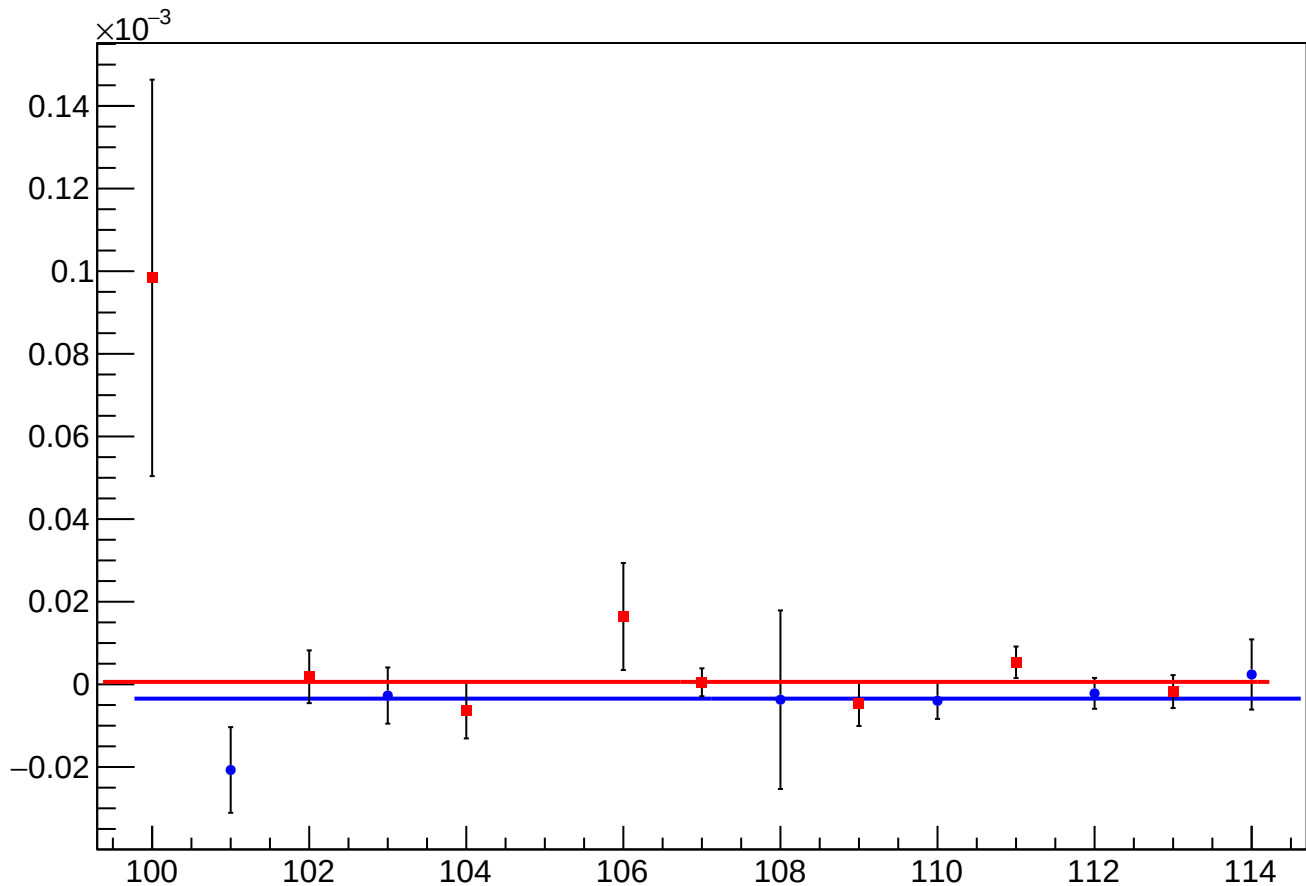
Right: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

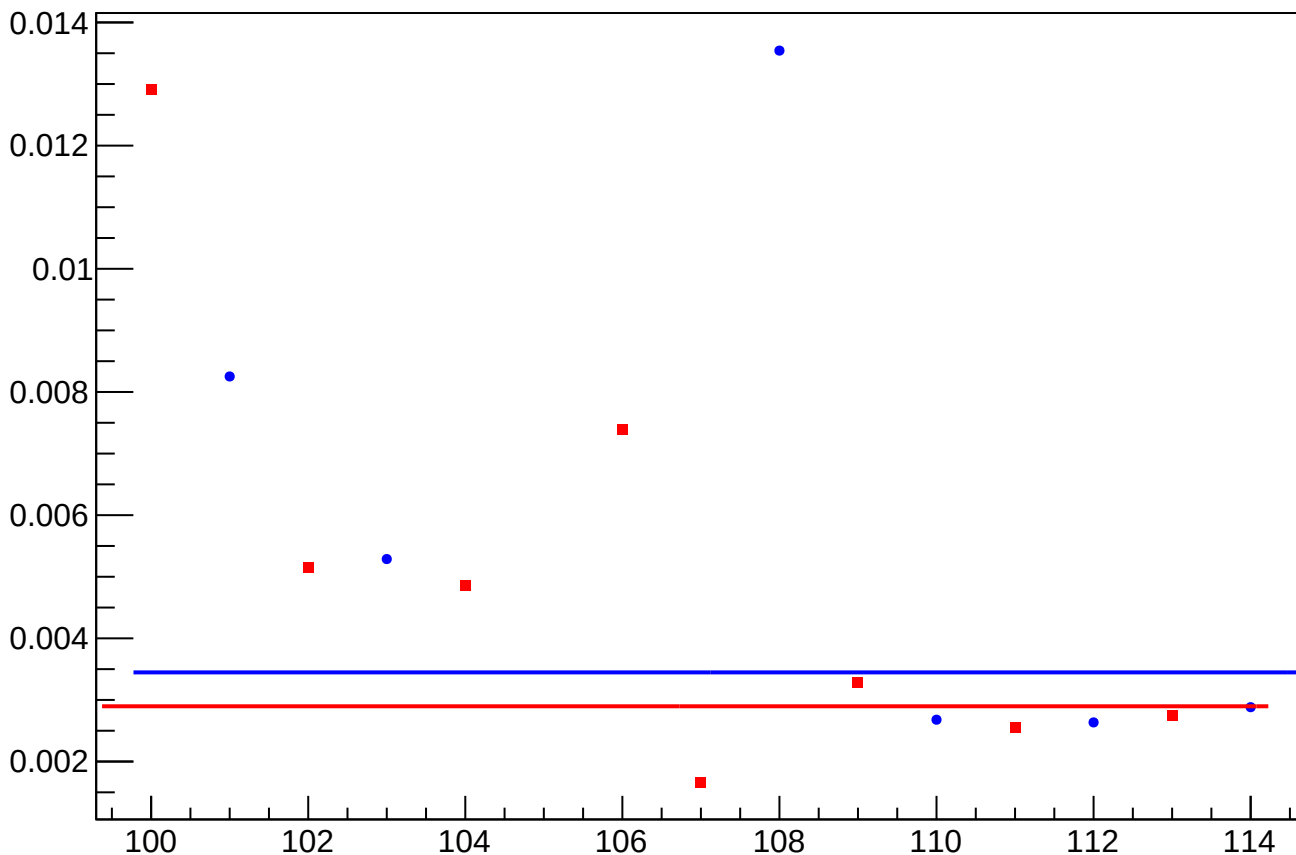
Right: -0.000 ± 0.000 χ^2/NDF : 14.8/13

In: -0.000 ± 0.000 χ^2/NDF : 3.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.8/13

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

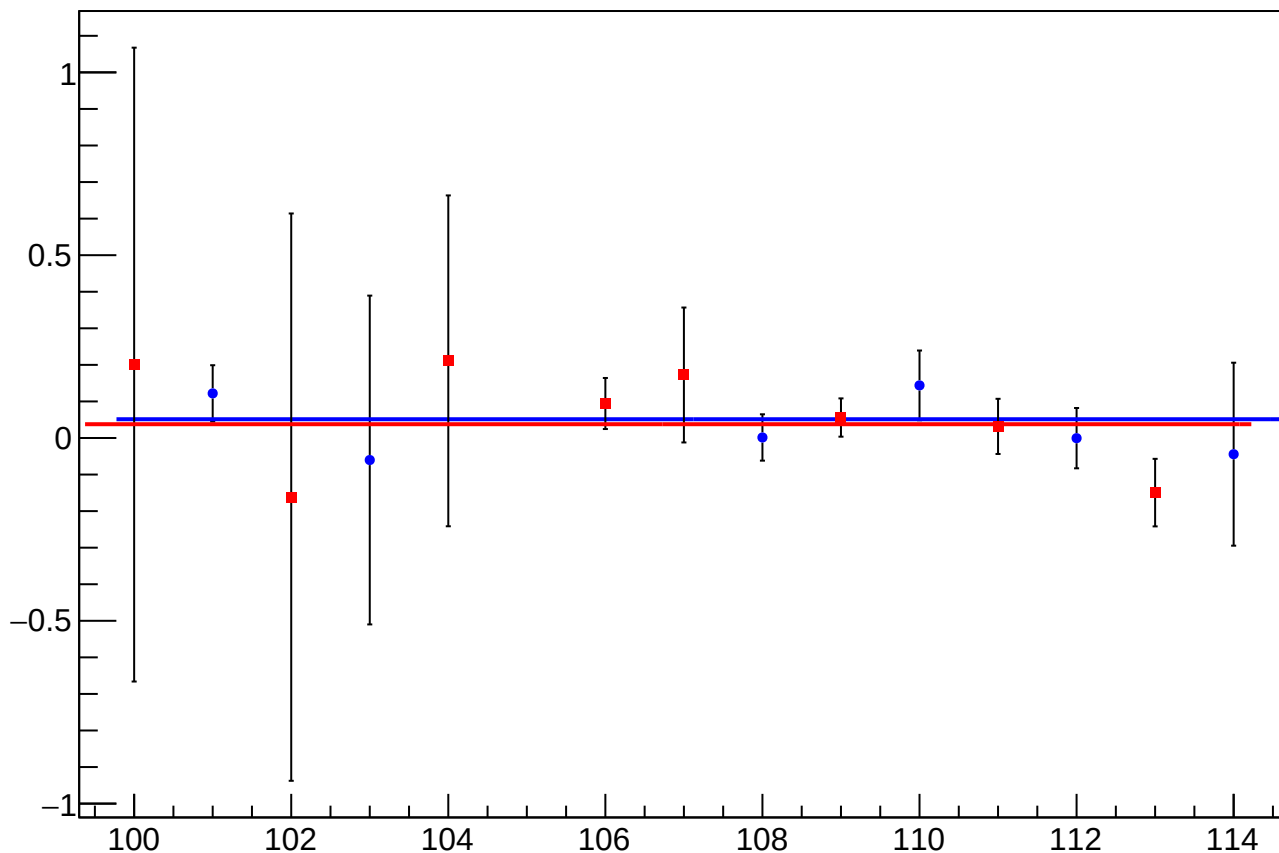
Right: 0.003+/-0.000 χ^2/NDF : 2287108.0/13

In: 0.003+/-0.000 χ^2/NDF :1177767.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2287108.0/13

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

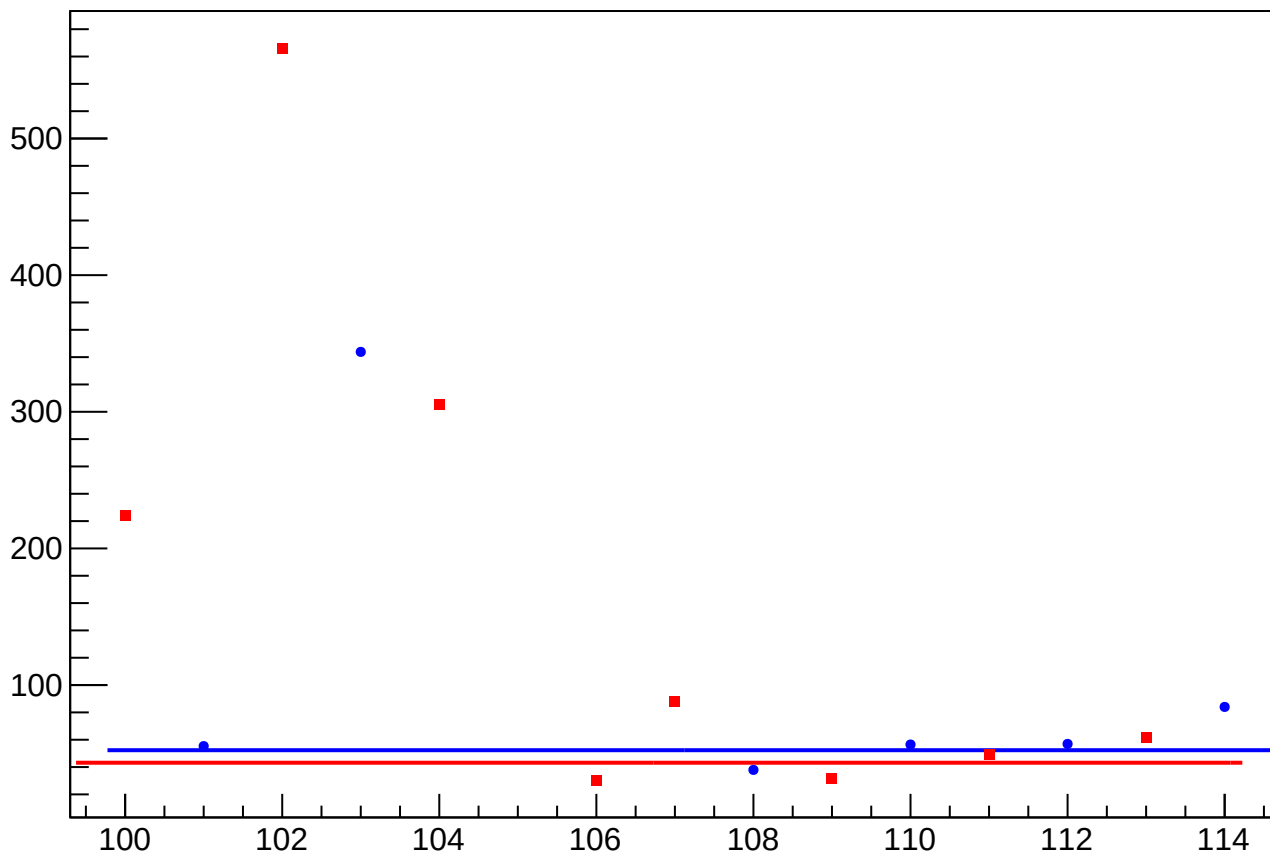
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

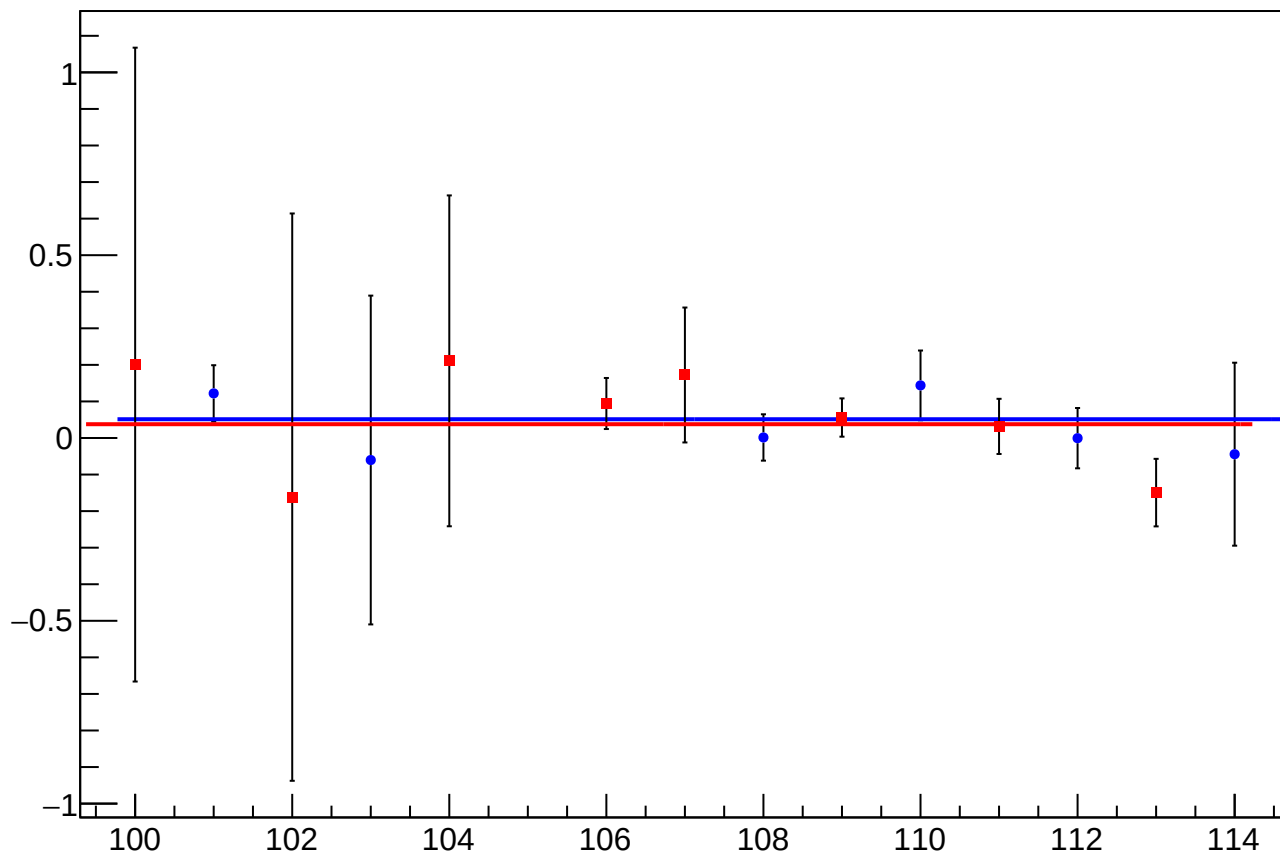
Right: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

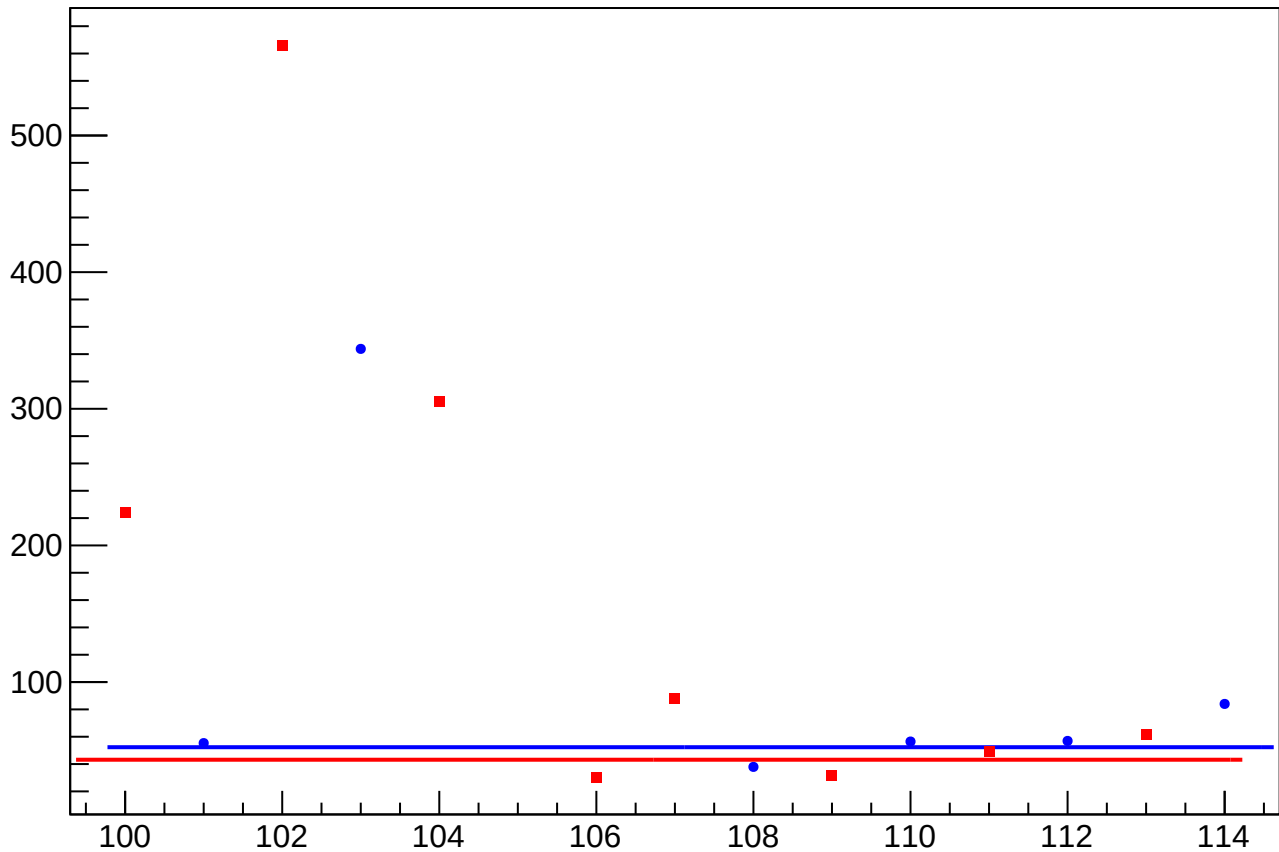
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

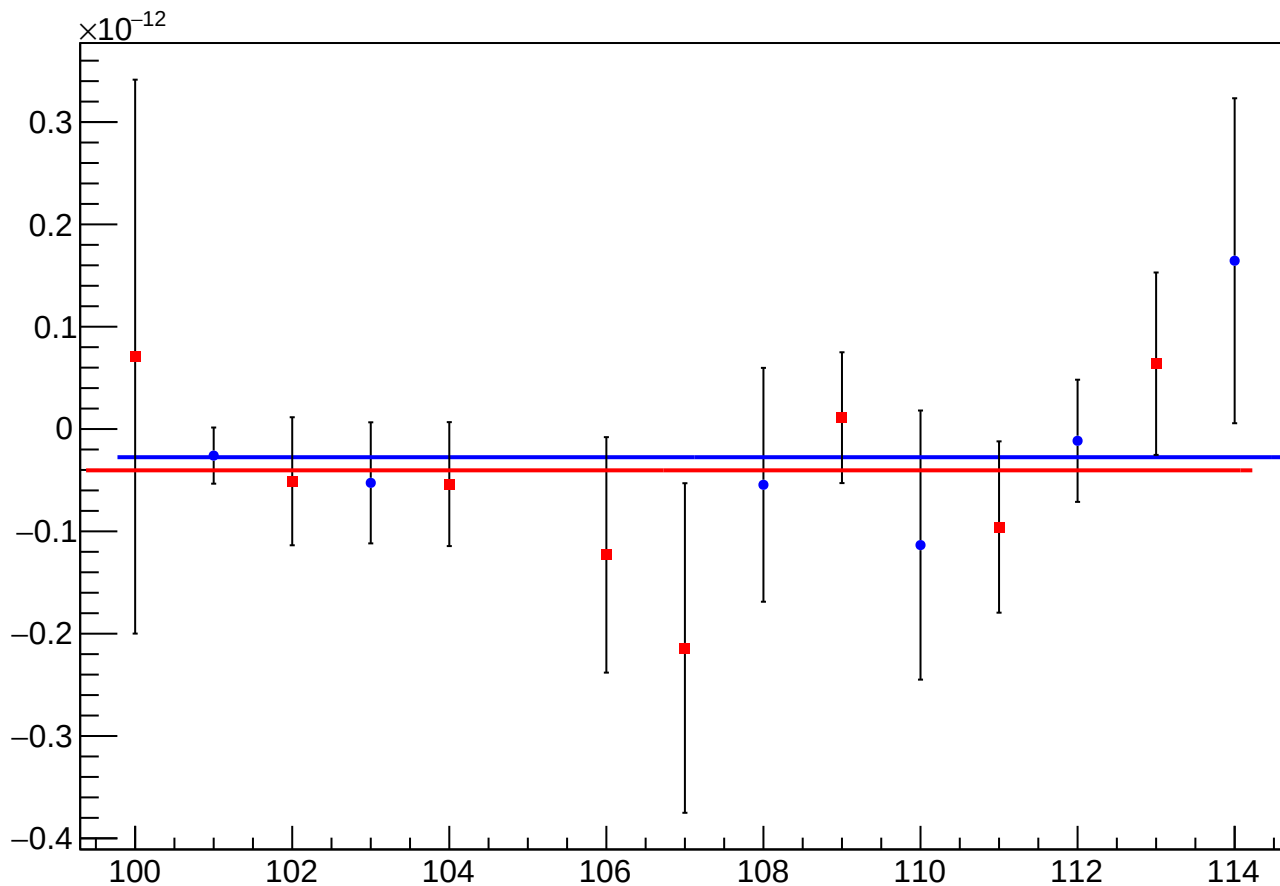
Right: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

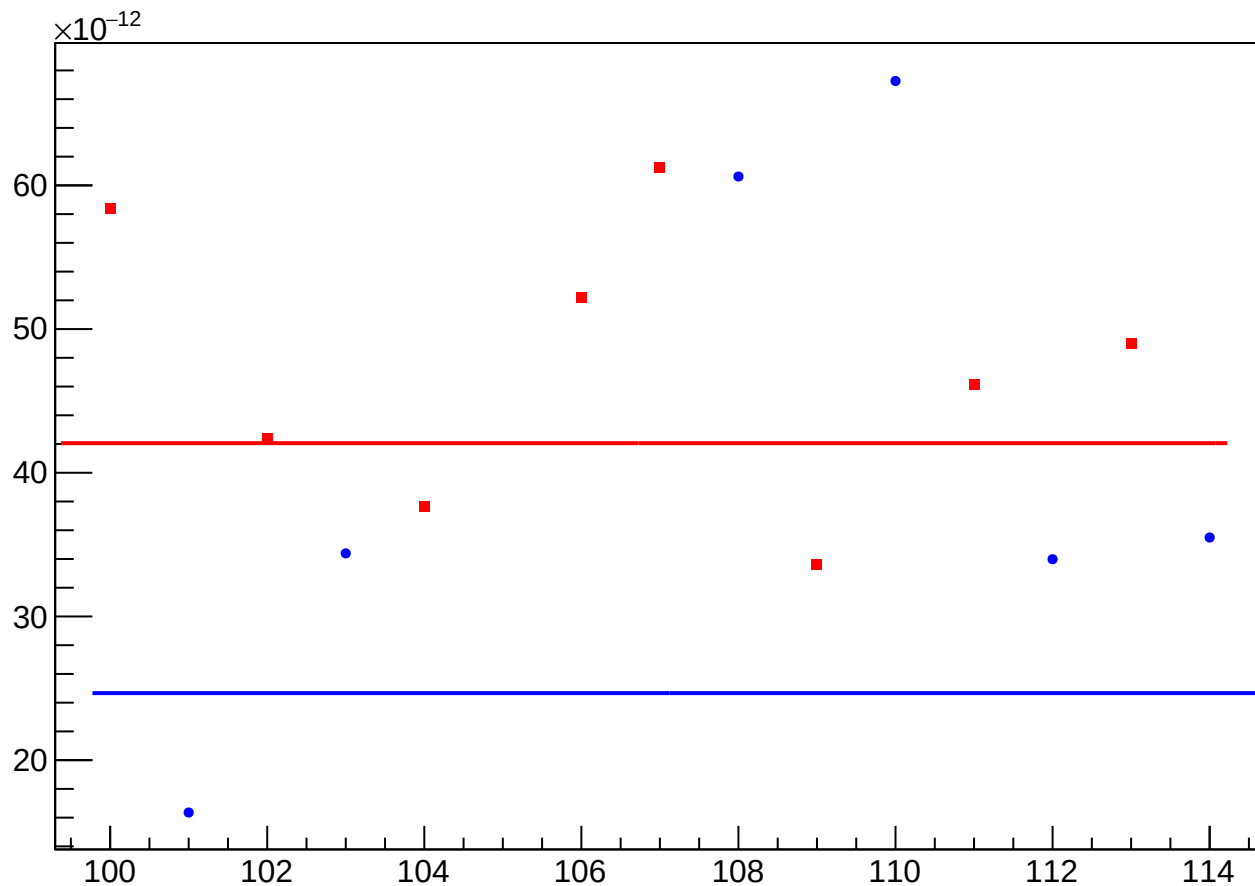
Right: -0.000+/-0.000 χ^2/NDF : 6.7/13

In: -0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/13

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

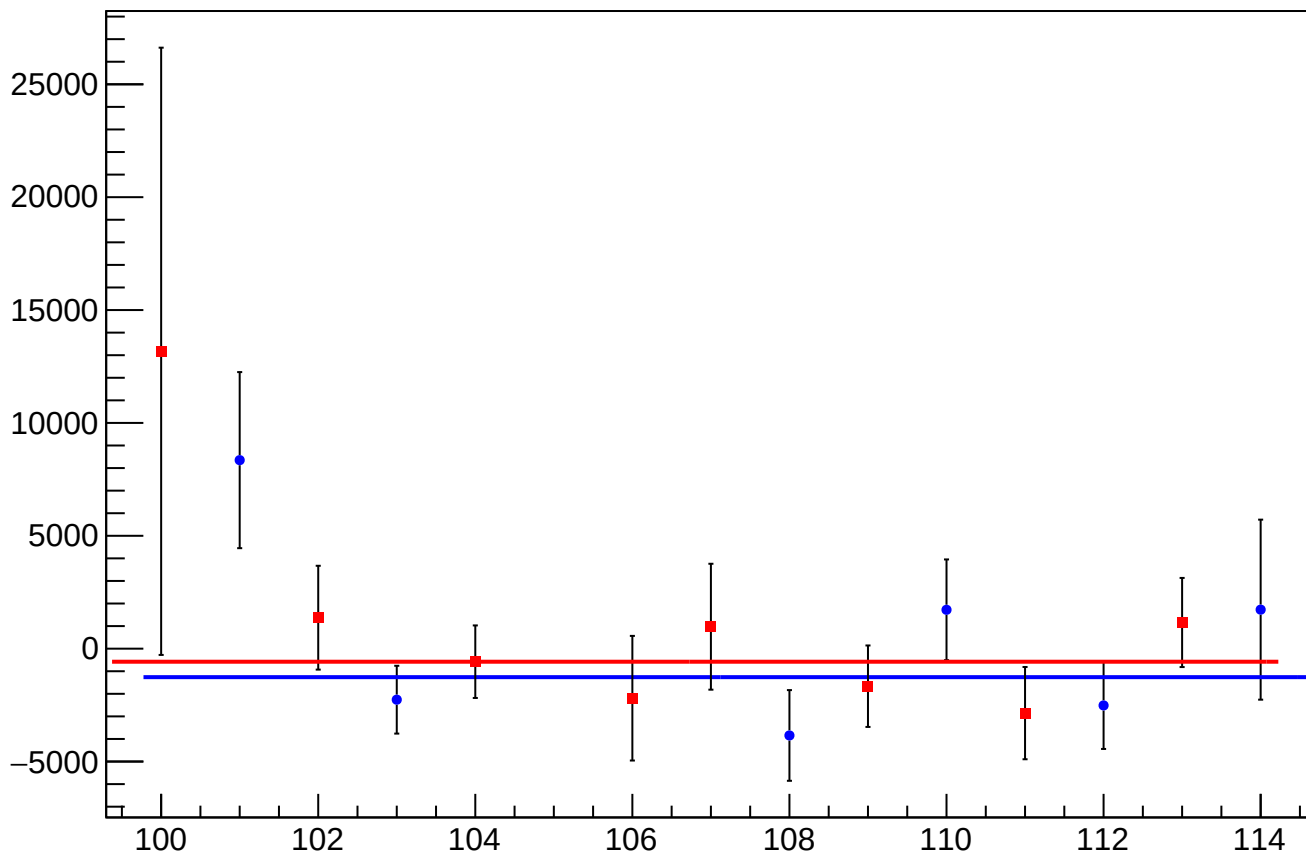
Right: 0.000+/-0.000 χ^2/NDF : 1269049.6/13

In: 0.000+/-0.000 χ^2/NDF : 703355.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1269049.6/13

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

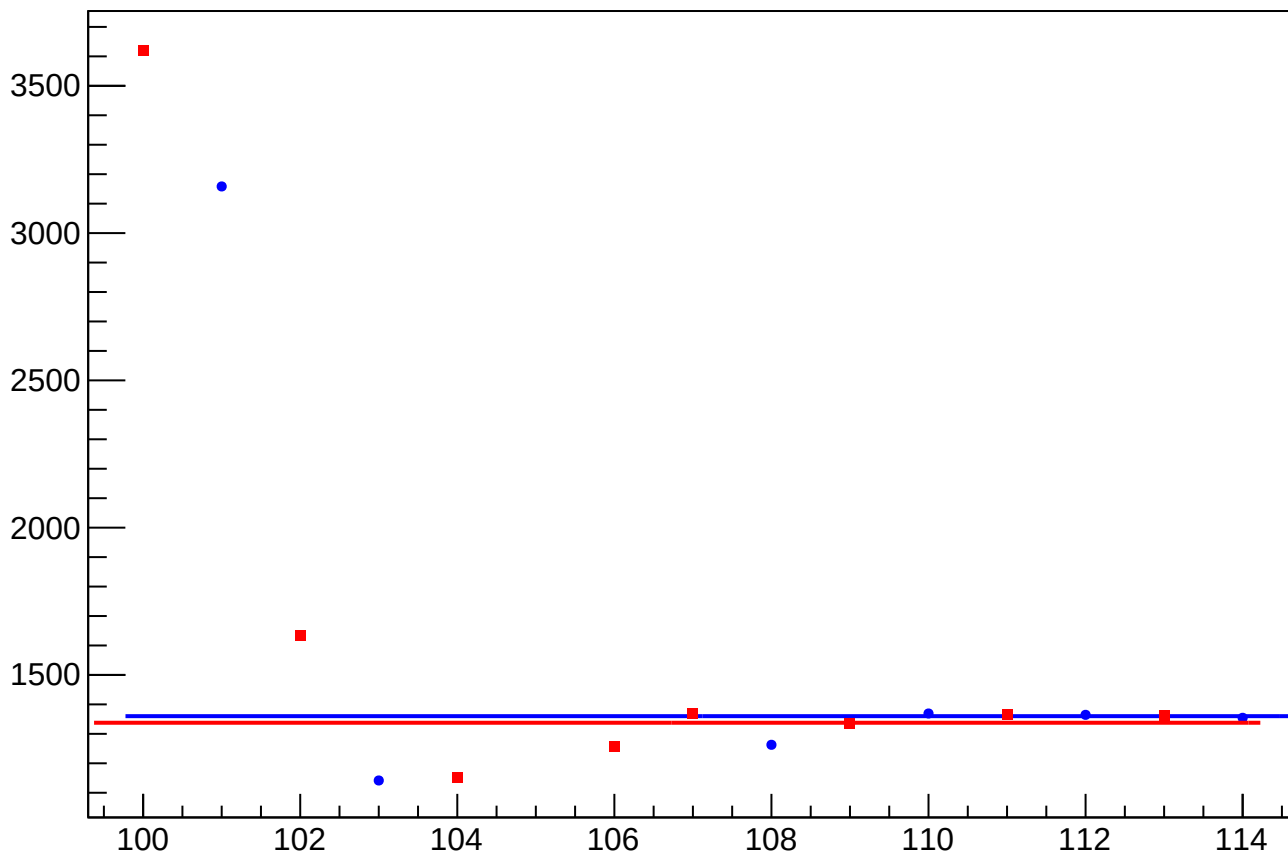
Right: -878.721+/-583.767 χ^2/NDF : 16.1/13

In: -1261.965+/-880.623 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.721+/-583.767 χ^2/NDF : 16.1/13

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

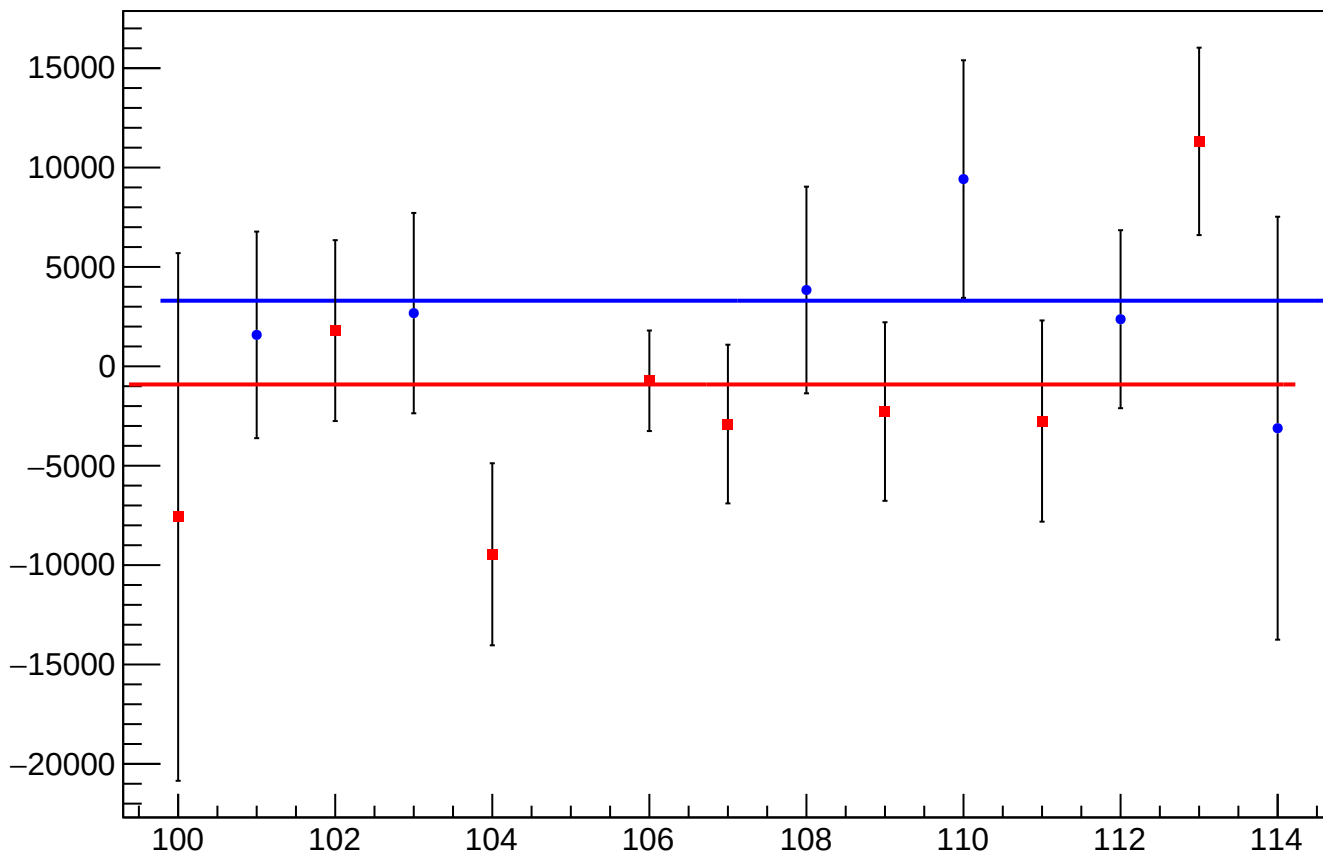
Right: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

In: 1360.030+/-0.623 χ^2/NDF : 472257.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3300.817+/-2235.388 χ^2/NDF : 1.6/5

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

Right Out: -911.596+/-1483.479 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

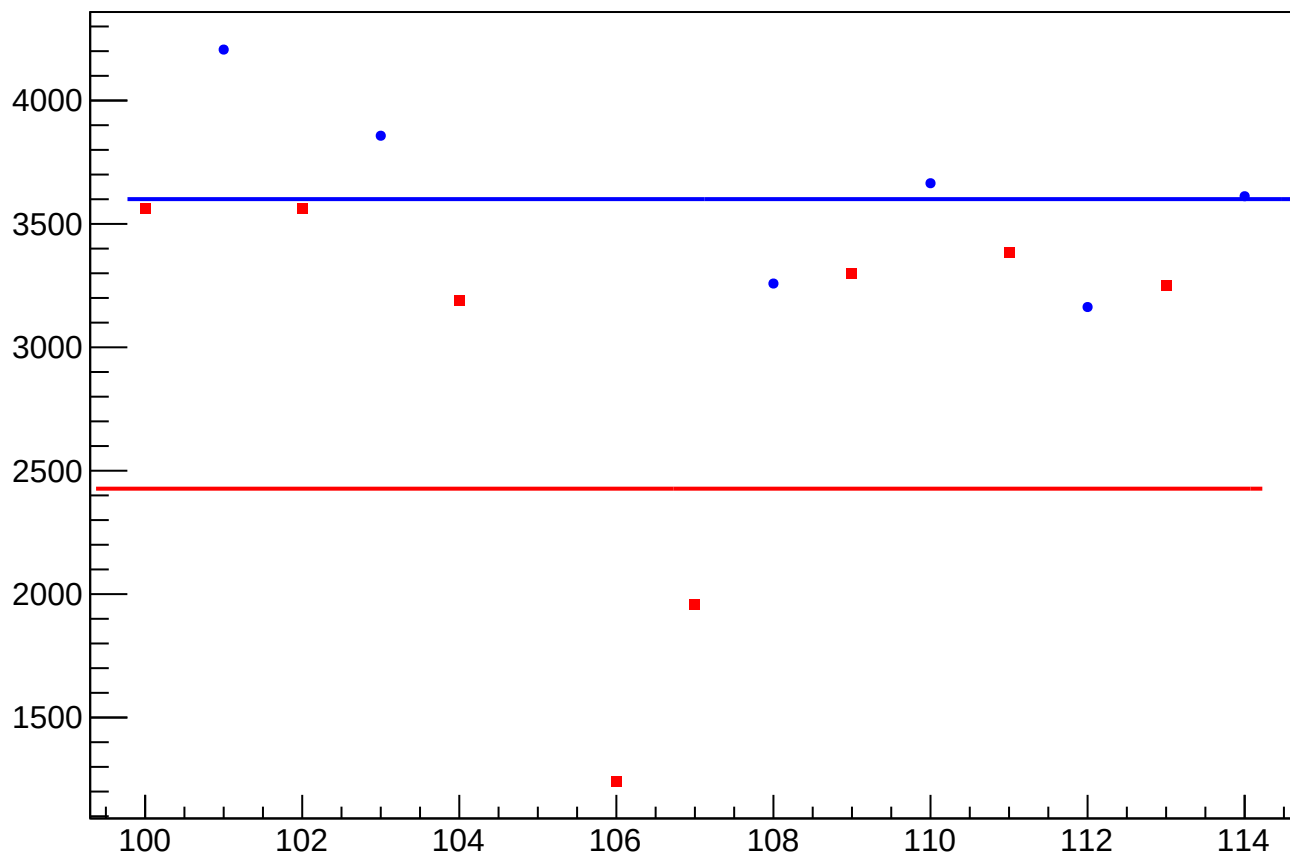
Right: 376.362+/-1236.057 χ^2/NDF : 15.4/13

In: 3300.817+/-2235.388 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.362+/-1236.057 χ^2/NDF : 15.4/13

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

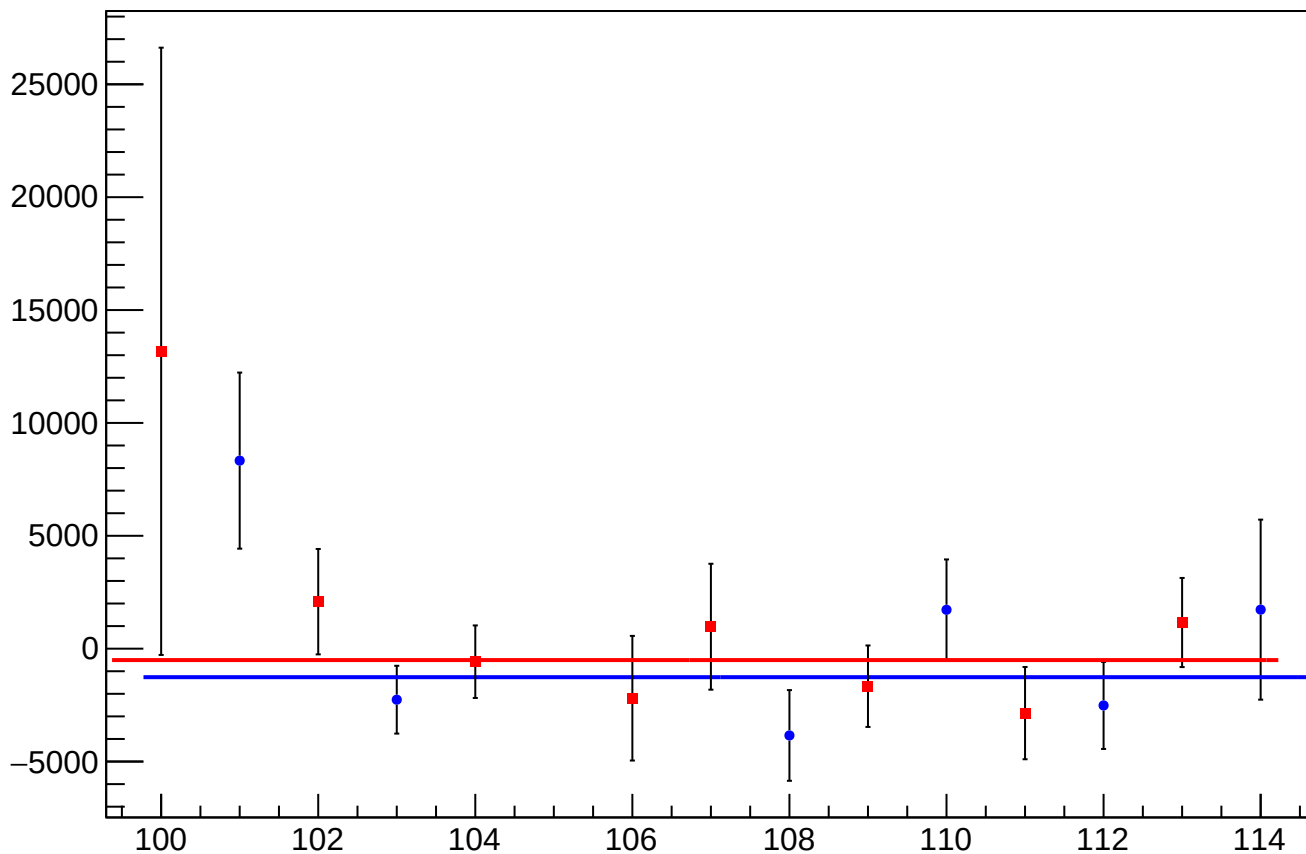
Right: 2785.980+/-0.874 χ^2 /NDF: 1312069.1/13

In: 3600.475+/-1.581 χ^2 /NDF:60353.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2785.980+/-0.874 χ^2 /NDF: 1312069.1/13

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

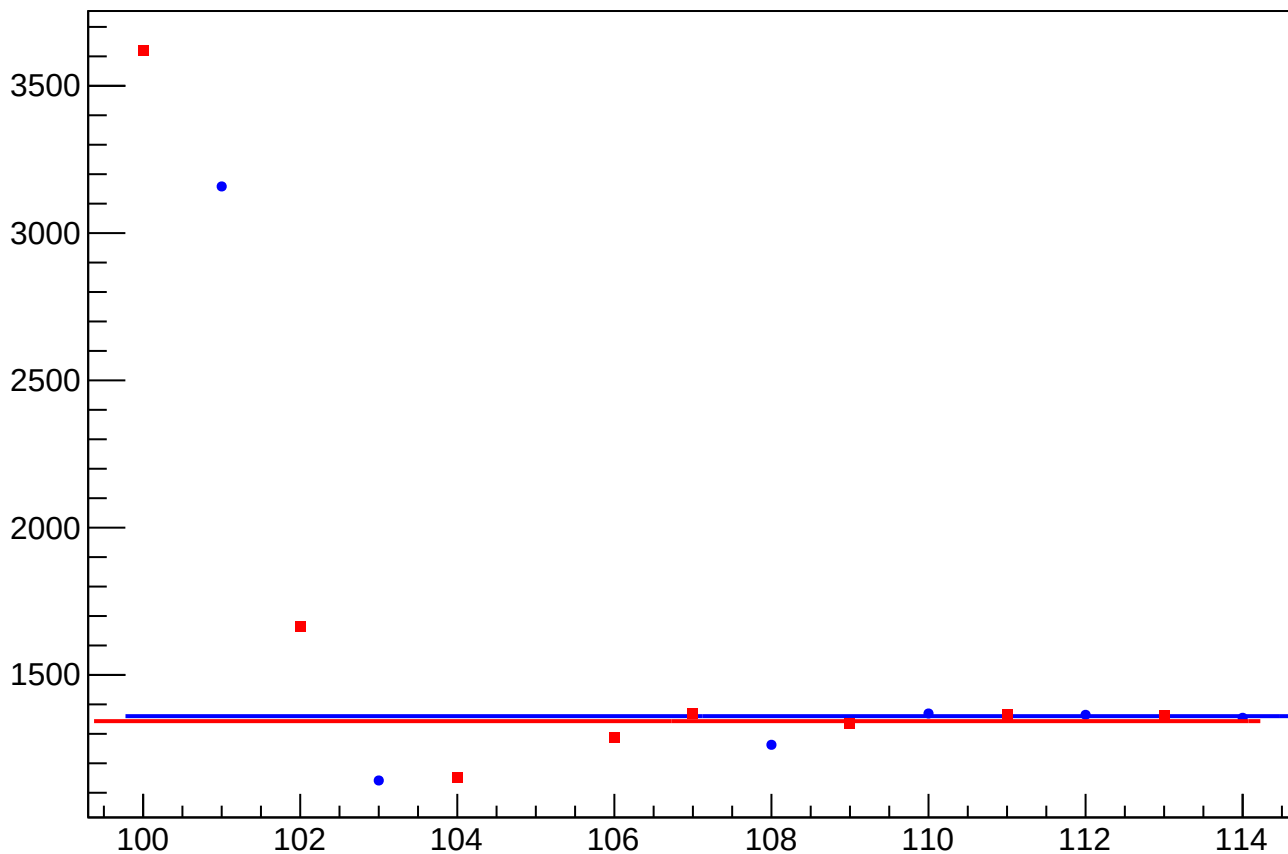
Right: -839.057+/-584.322 χ^2/NDF : 16.7/13

In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.057+/-584.322 χ^2/NDF : 16.7/13

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

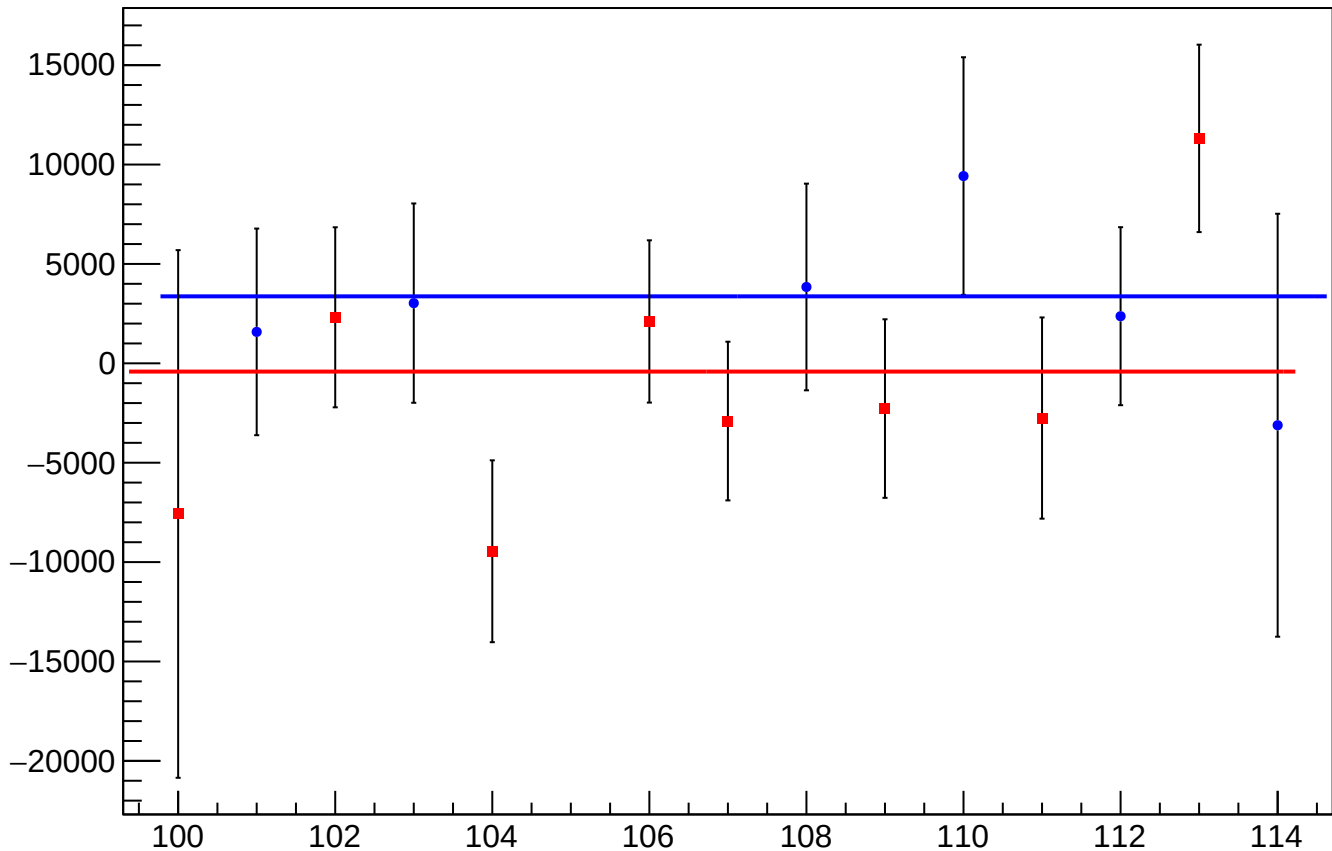
Right: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

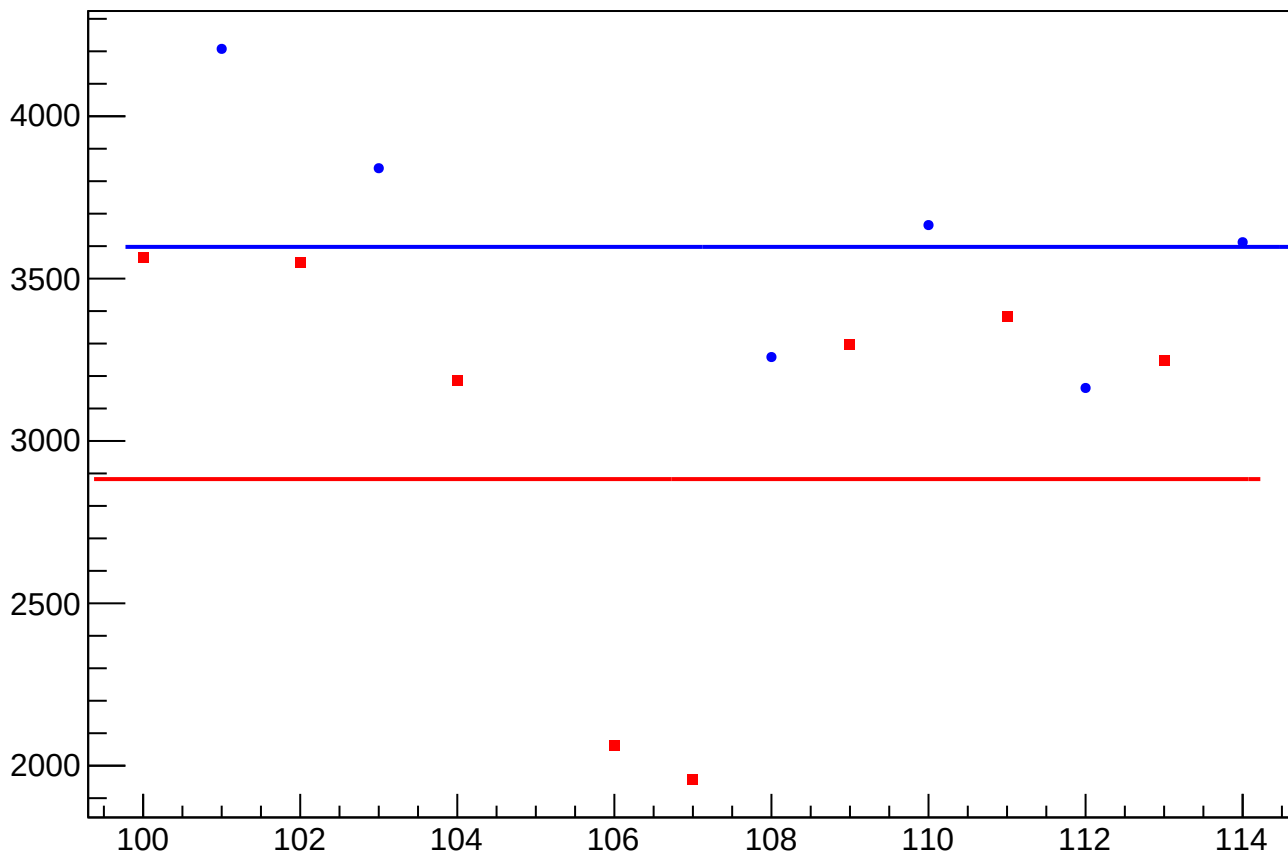
Right: 941.953+/-1337.378 χ^2/NDF : 15.3/13

In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.953+/-1337.378 χ^2/NDF : 15.3/13

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

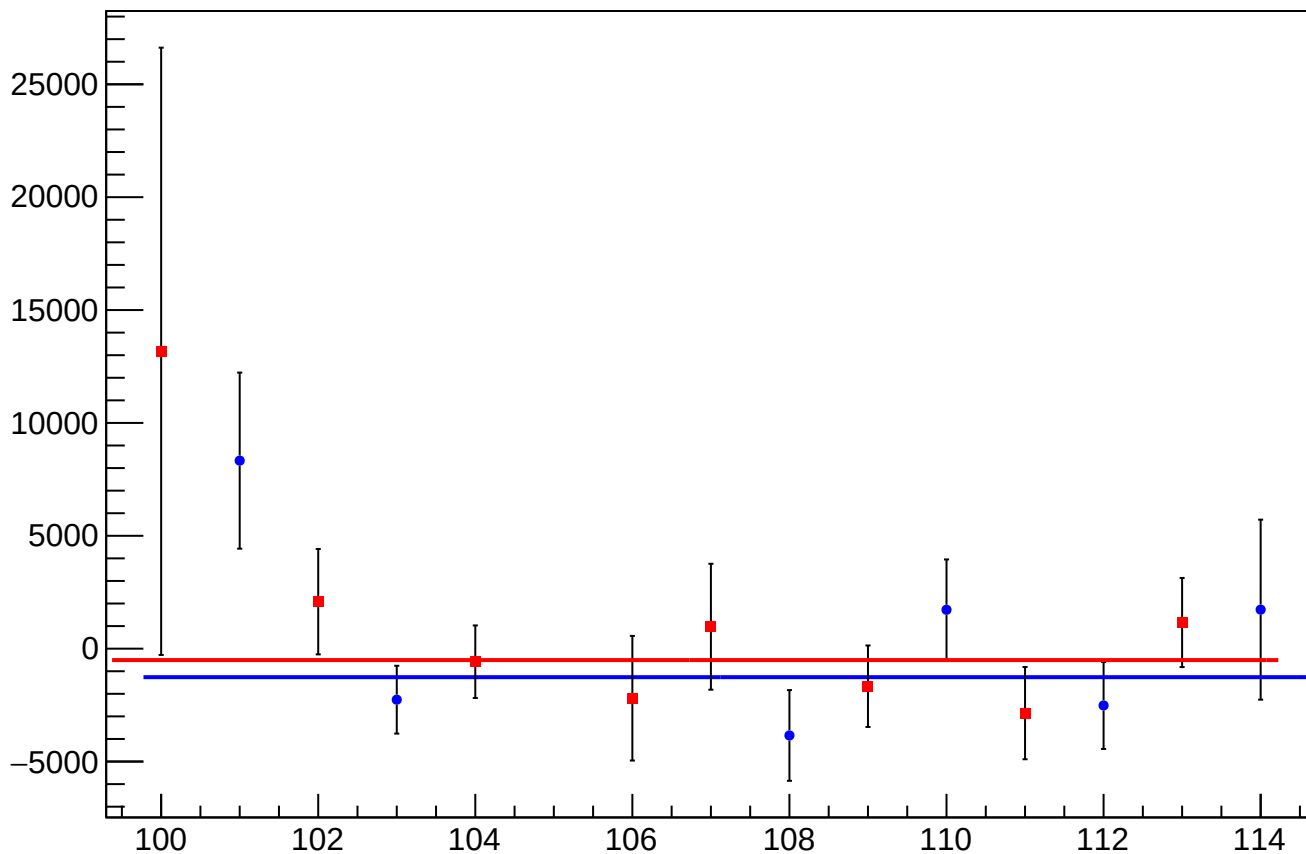
Right: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

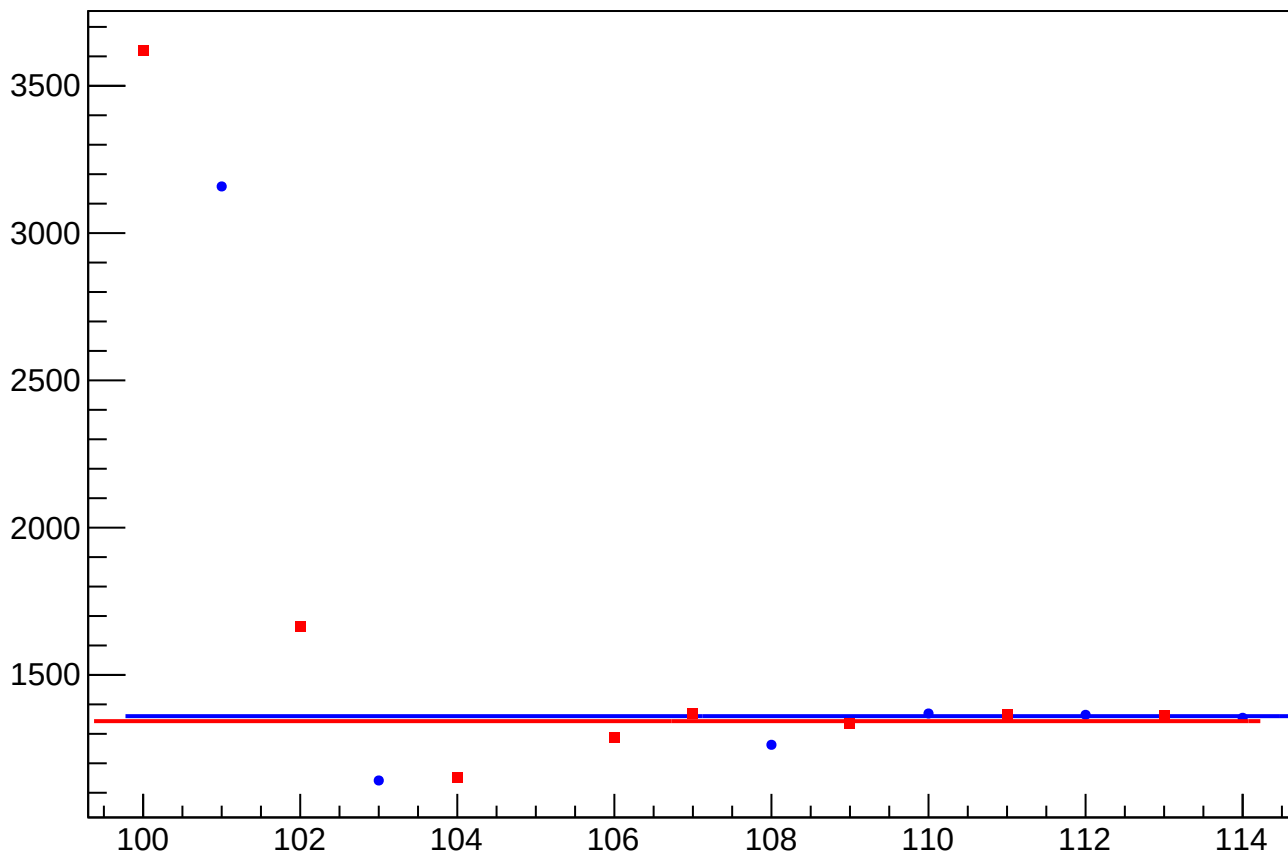
Right: -839.057+/-584.322 χ^2/NDF : 16.7/13

In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.057+/-584.322 χ^2/NDF : 16.7/13

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

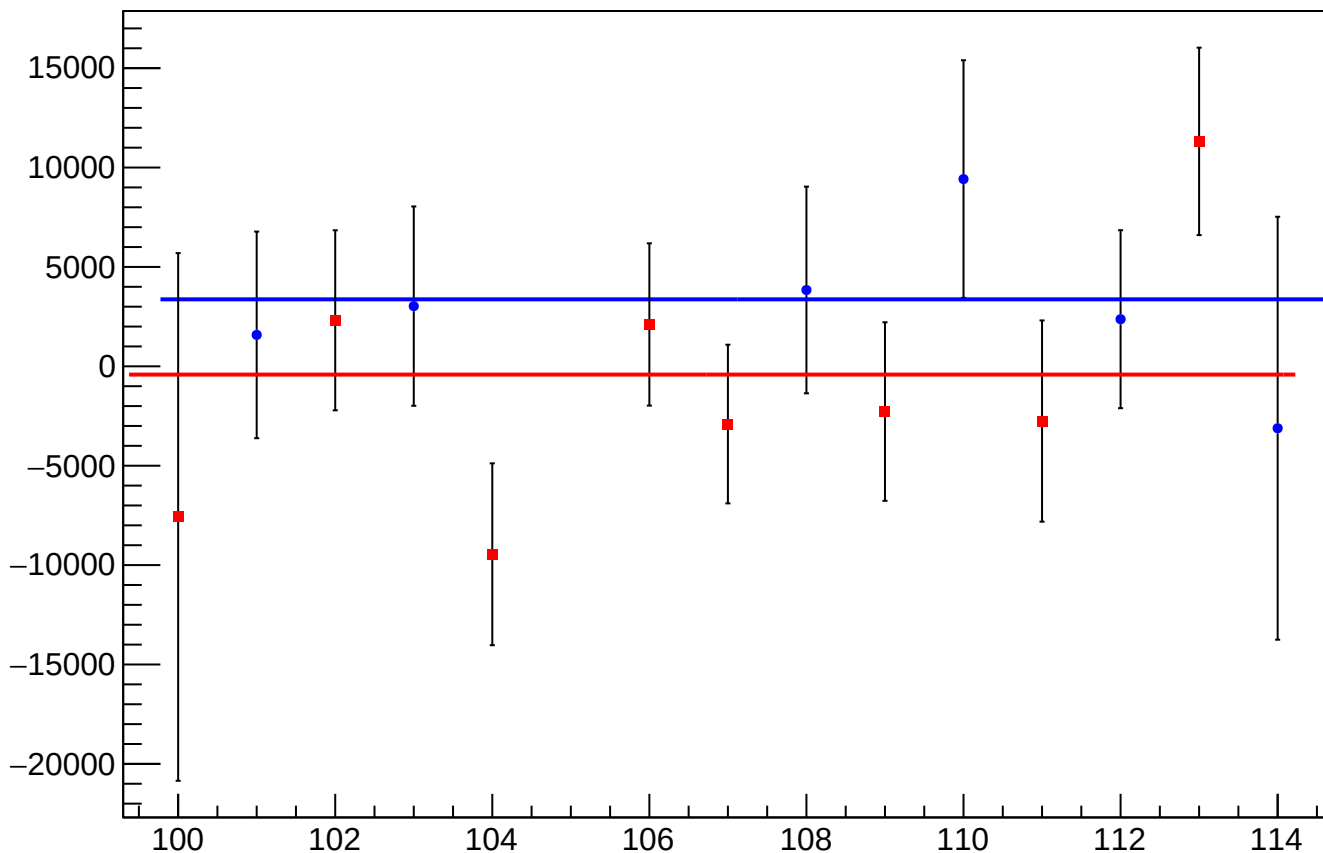
Right: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

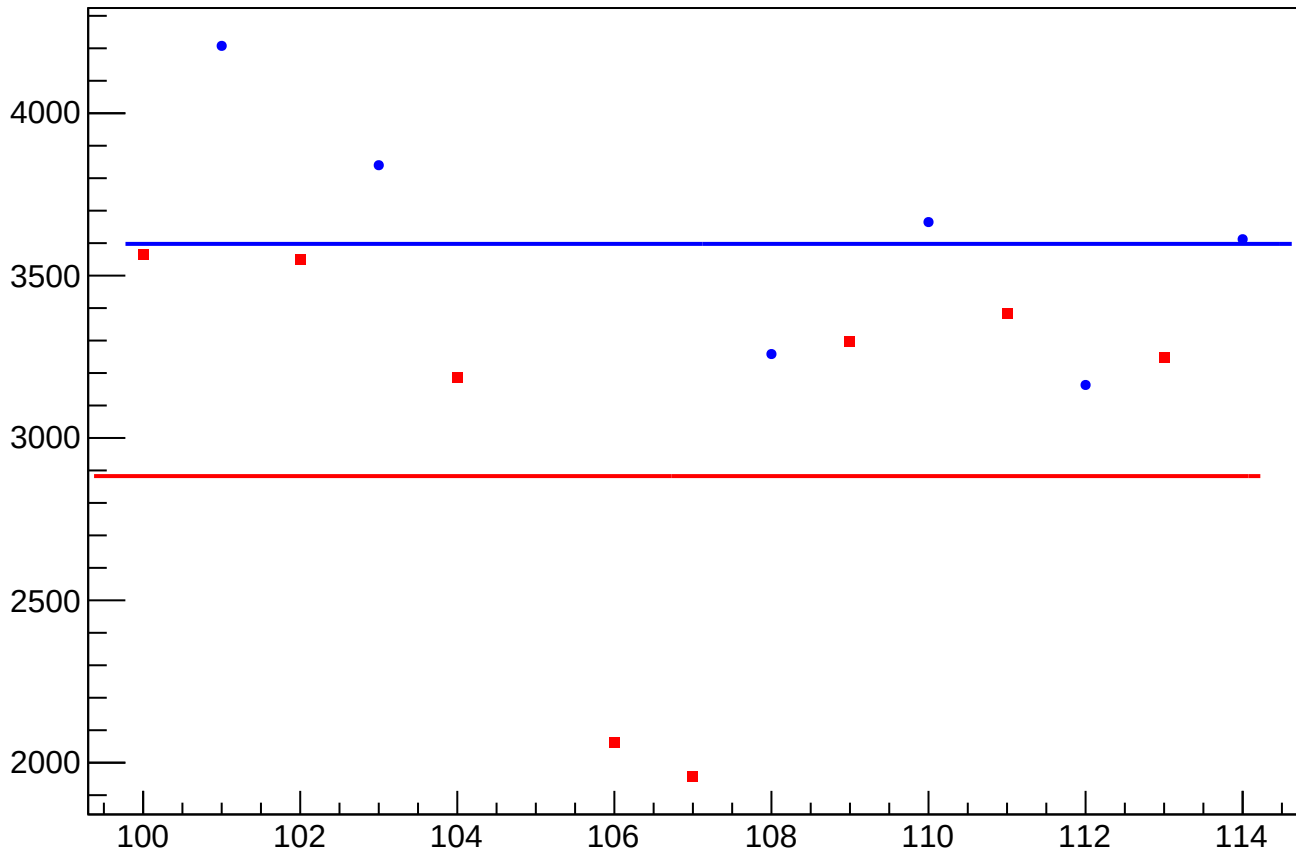
Right: 941.953+/-1337.378 χ^2/NDF : 15.3/13

In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.953+/-1337.378 χ^2/NDF : 15.3/13

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

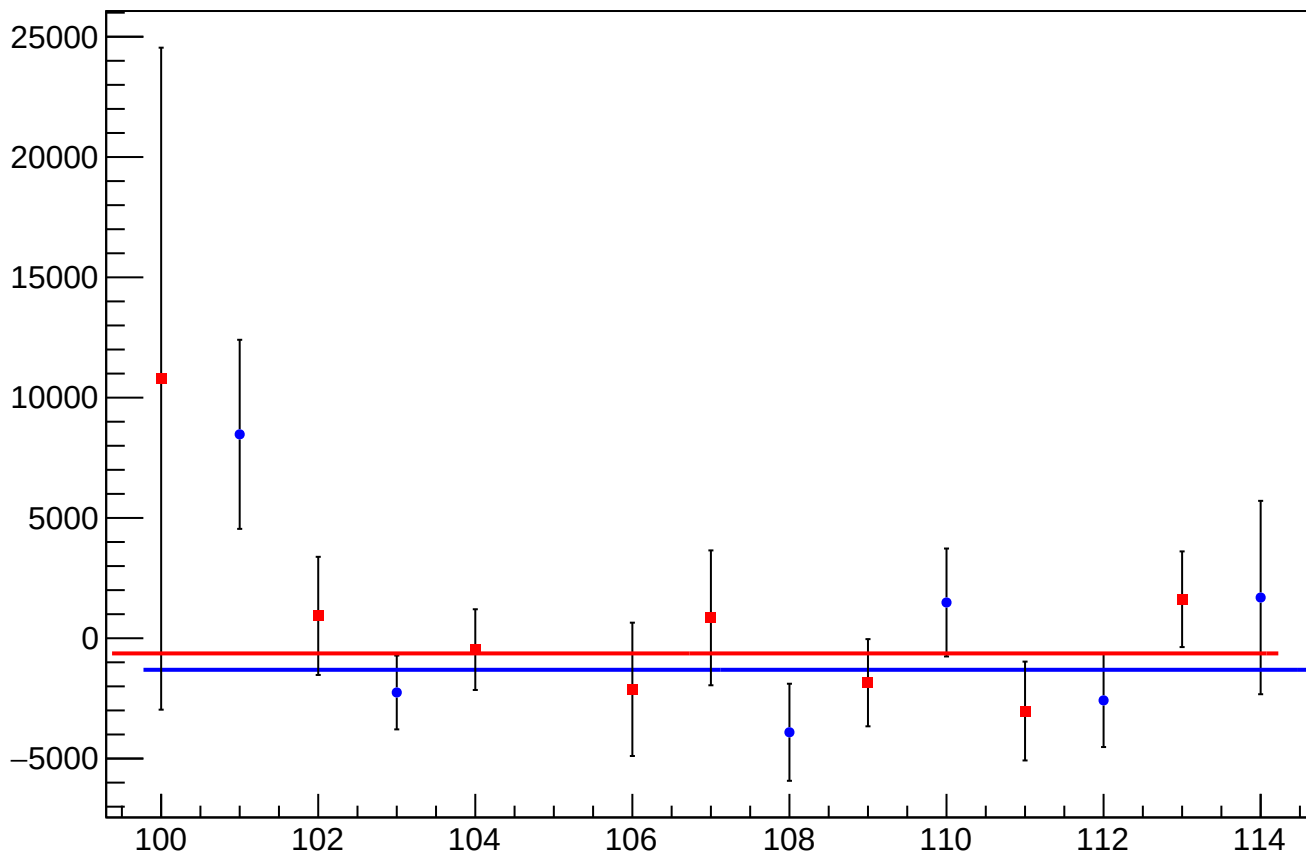
Right: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1311.104+/-890.196 χ^2/NDF : 10.8/5

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

Right Out: -630.333+/-795.893 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

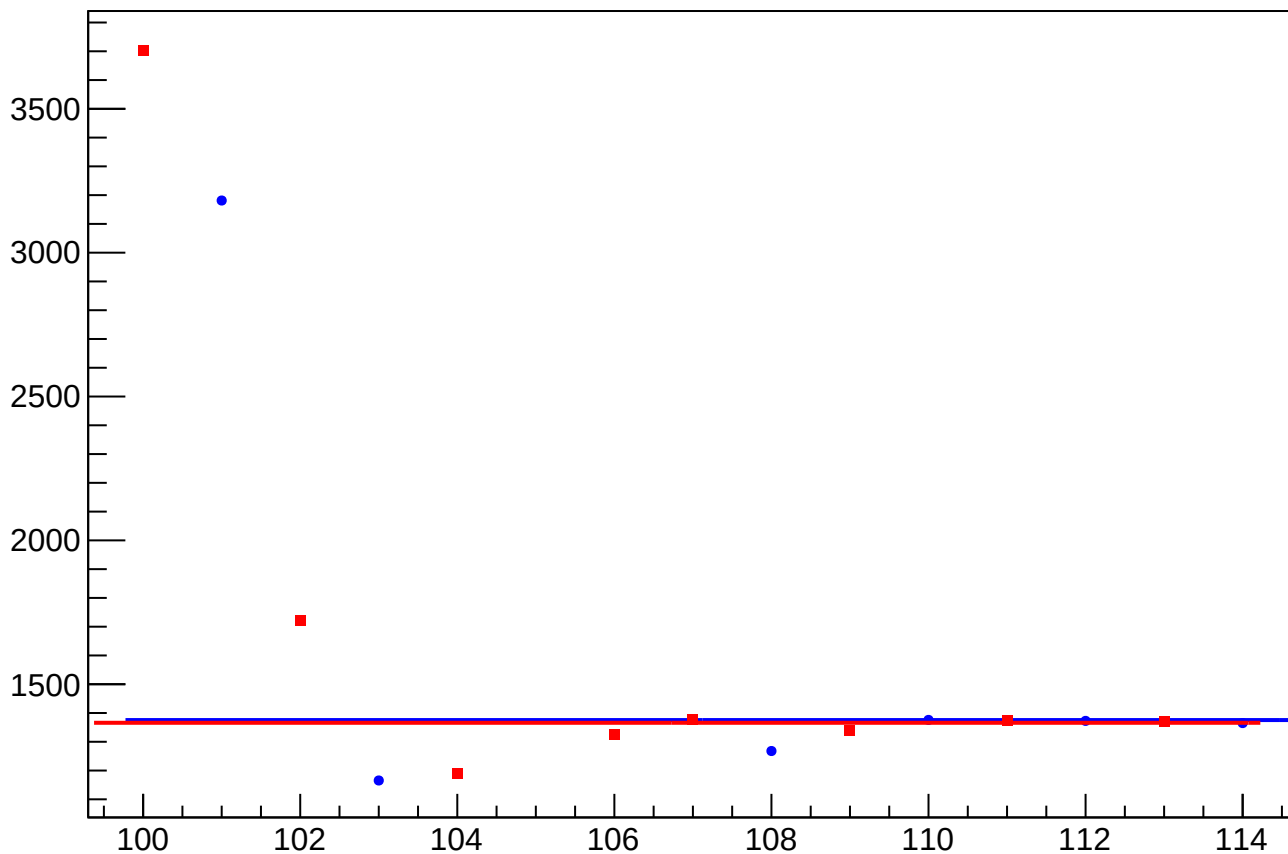
Right: -932.762+/-593.330 χ^2/NDF : 15.9/13

In: -1311.104+/-890.196 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -932.762+/-593.330 χ^2/NDF : 15.9/13

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

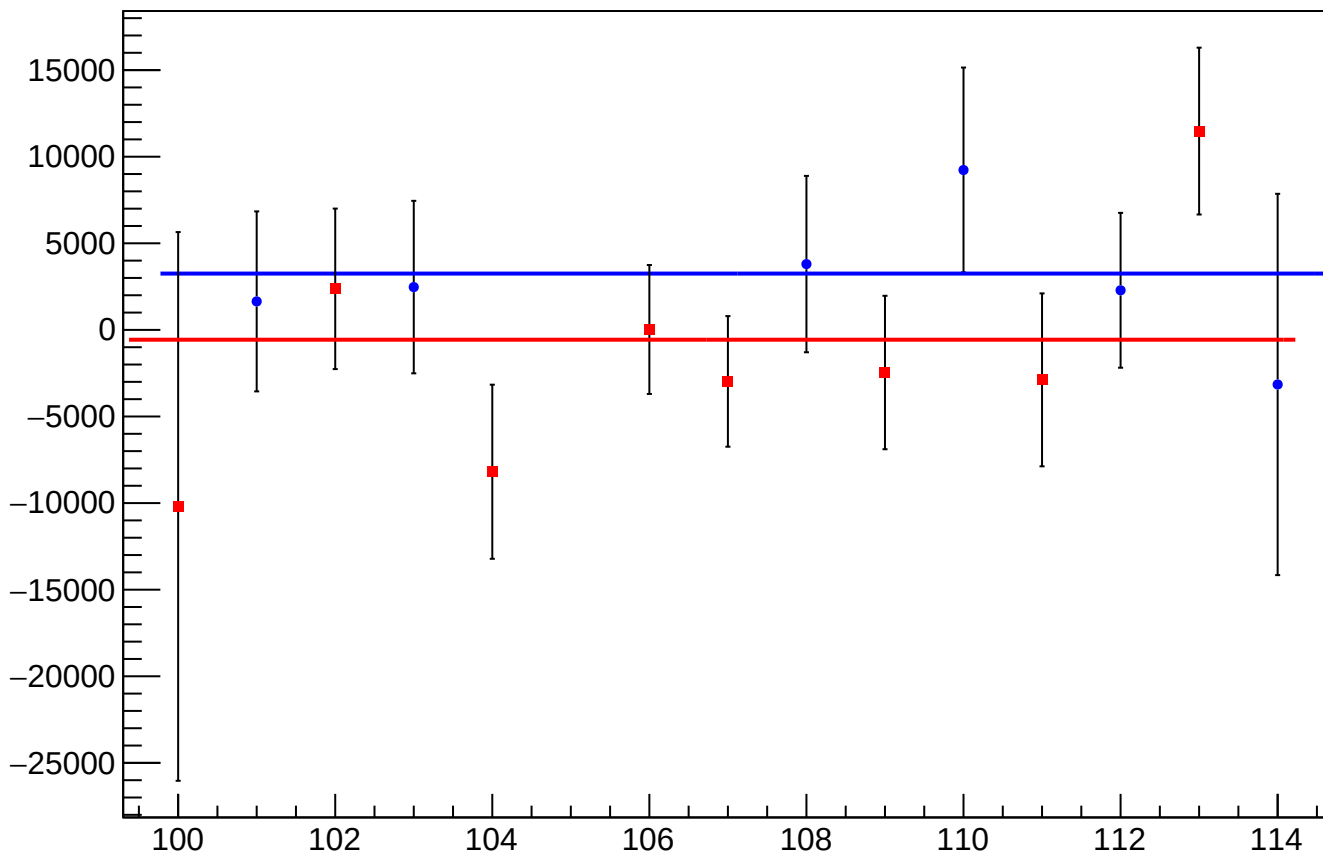
Right: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

In: 1375.457+/-0.629 χ^2/NDF : 465638.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



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

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

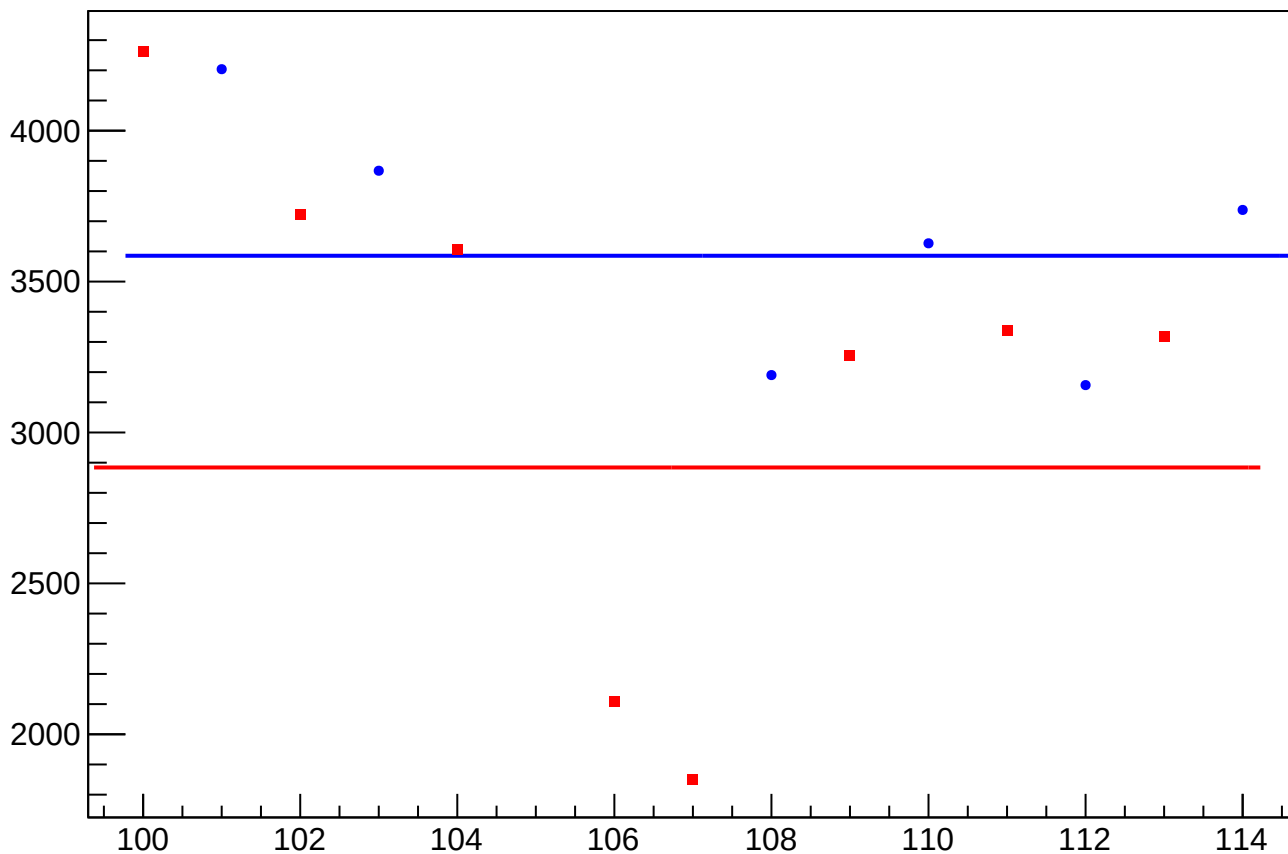
Right: 792.554 $\pm$ 1325.041 χ^2 /NDF: 13.6/13

In: 3252.026 $\pm$ 2220.632 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 792.554 $\pm$ 1325.041 χ^2 /NDF: 13.6/13

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

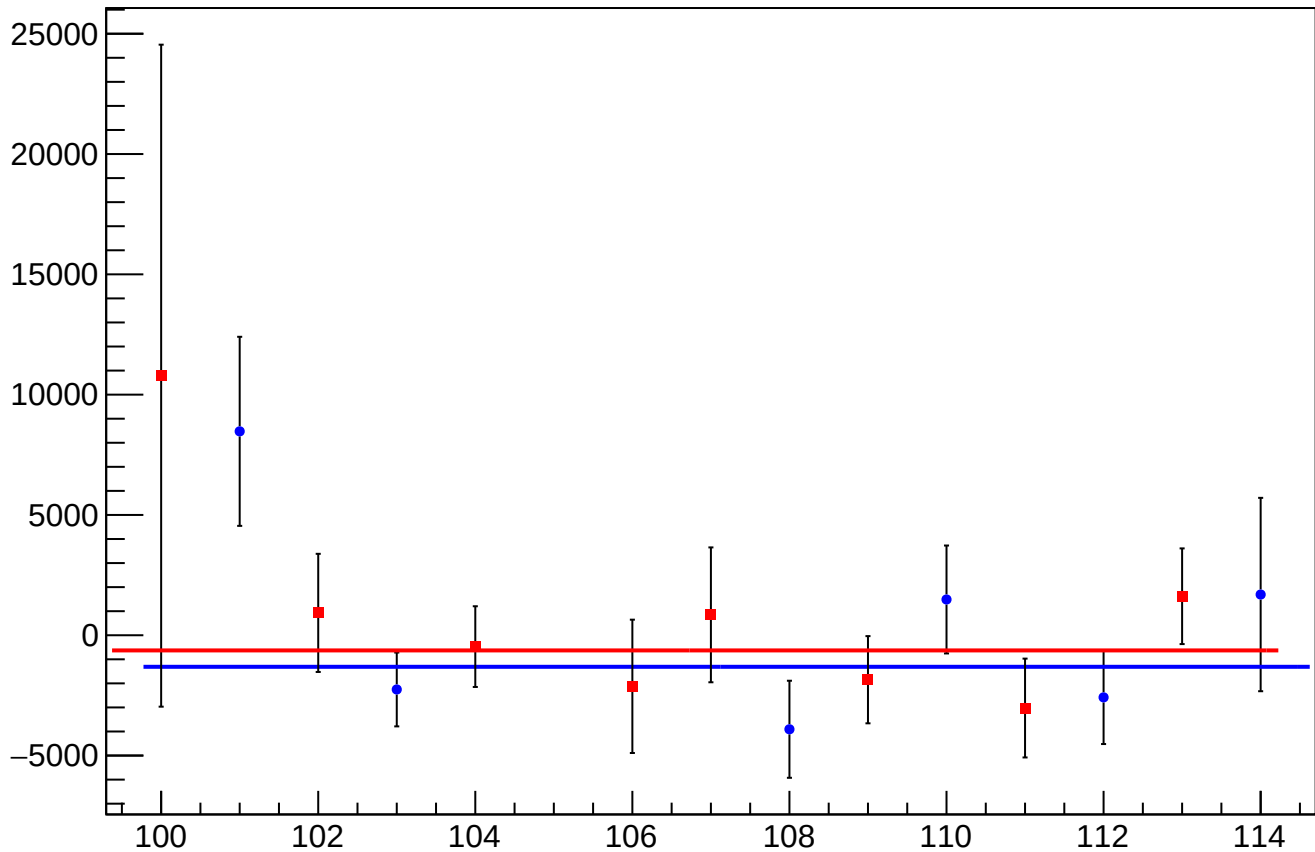
Right: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

In: 3585.578+/-1.570 χ^2/NDF : 65617.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1311.111+/-890.196 χ^2/NDF : 10.8/5

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

Right Out: -630.343+/-795.893 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

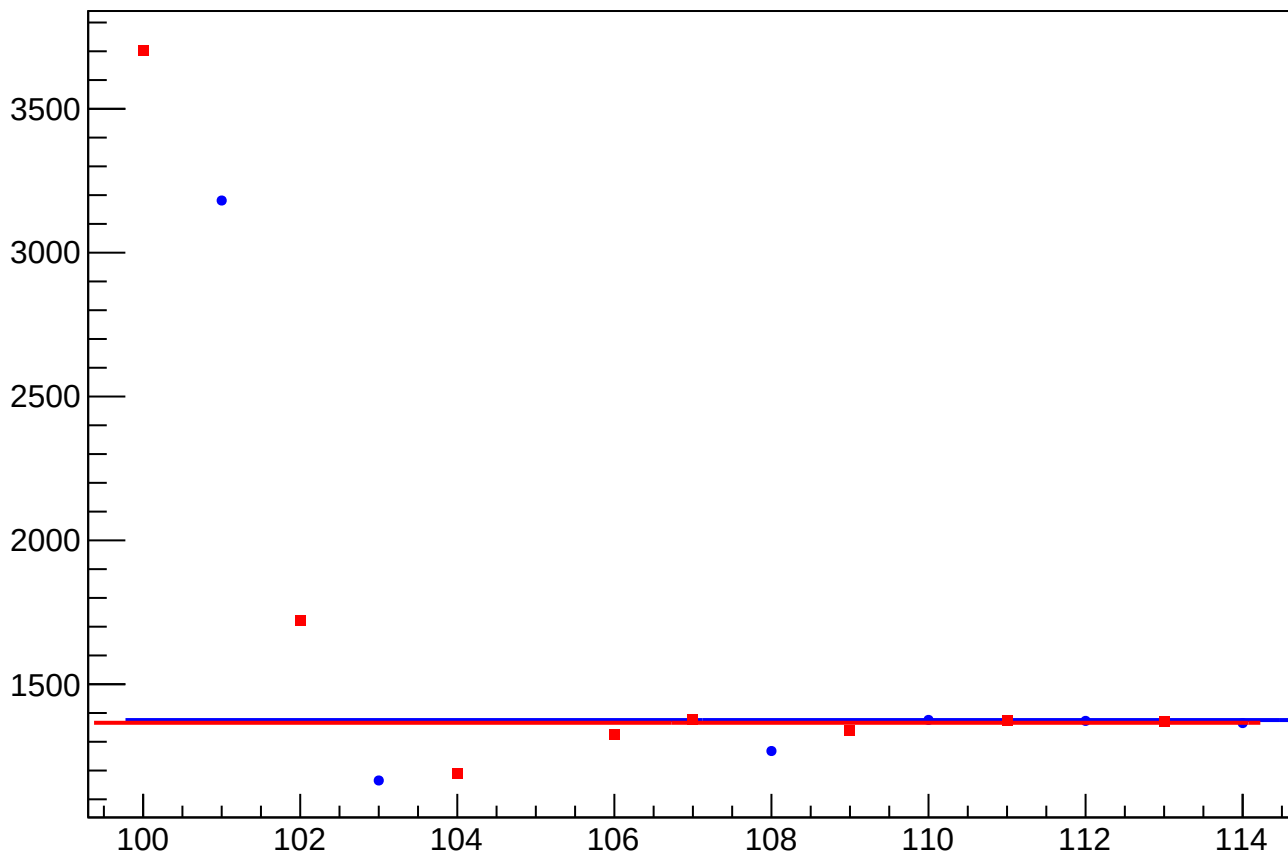
Right: -932.770+/-593.330 χ^2/NDF : 15.9/13

In: -1311.111+/-890.196 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -932.770+/-593.330 χ^2/NDF : 15.9/13

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1375.457+/-0.629 χ^2/NDF : 465639.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

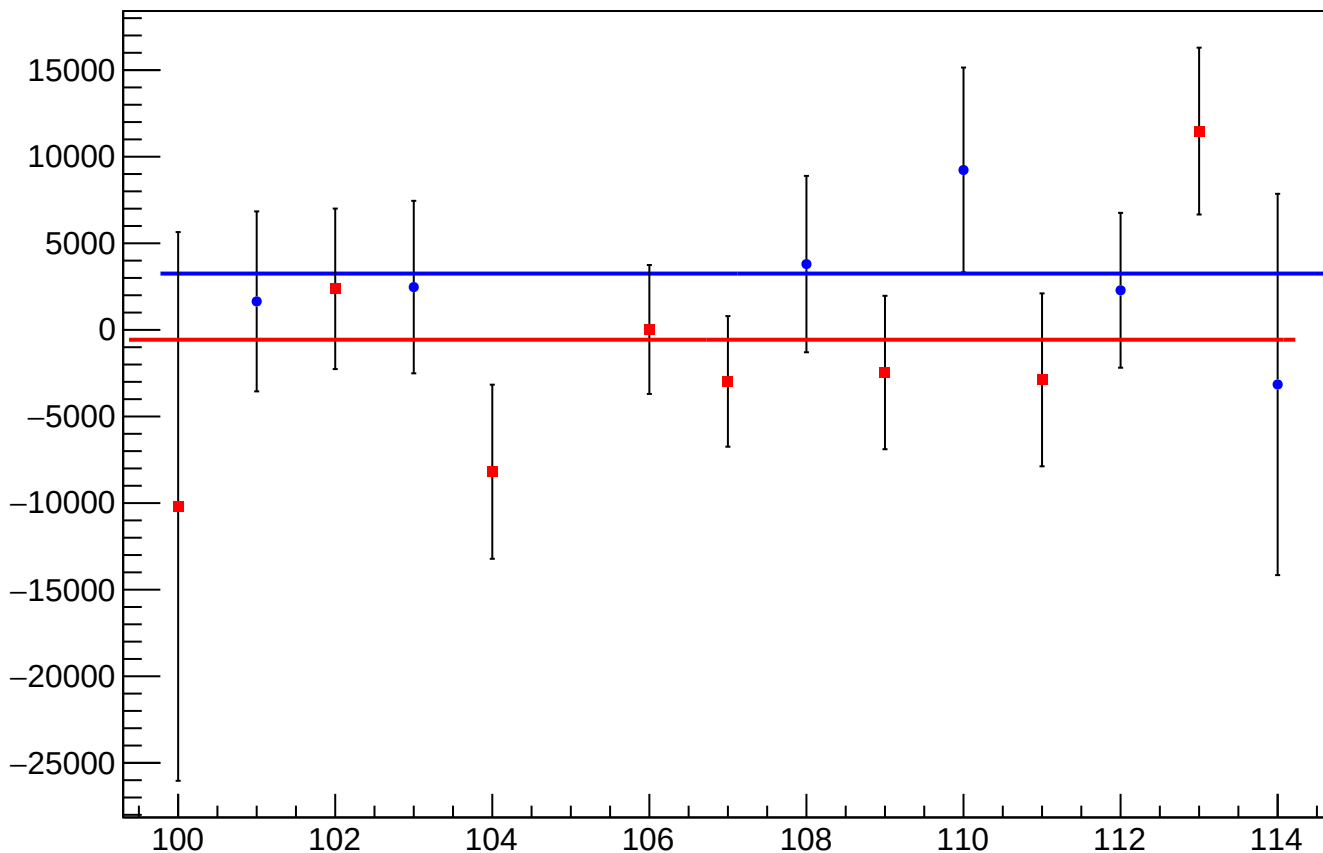
Right: 1370.187+/-0.419 χ^2/NDF : 588253.1/13

In: 1375.457+/-0.629 χ^2/NDF : 465639.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.1/13

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

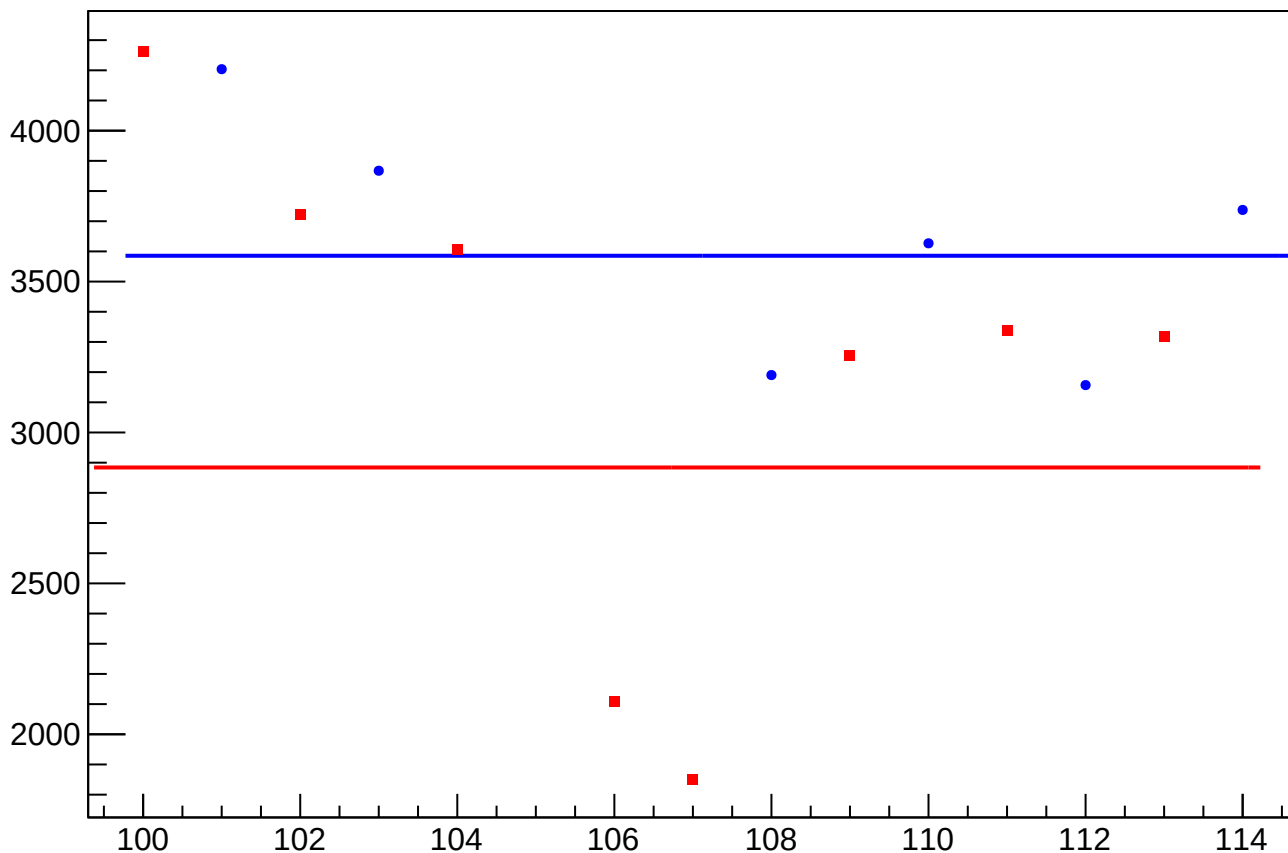
Right: 792.550+/-1325.039 χ^2/NDF : 13.6/13

In: 3252.024+/-2220.628 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.550+/-1325.039 χ^2/NDF : 13.6/13

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3585.572+/-1.570 χ^2/NDF : 65618.8/5

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

Right Out: 2884.060+/-1.168 χ^2/NDF : 406310.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

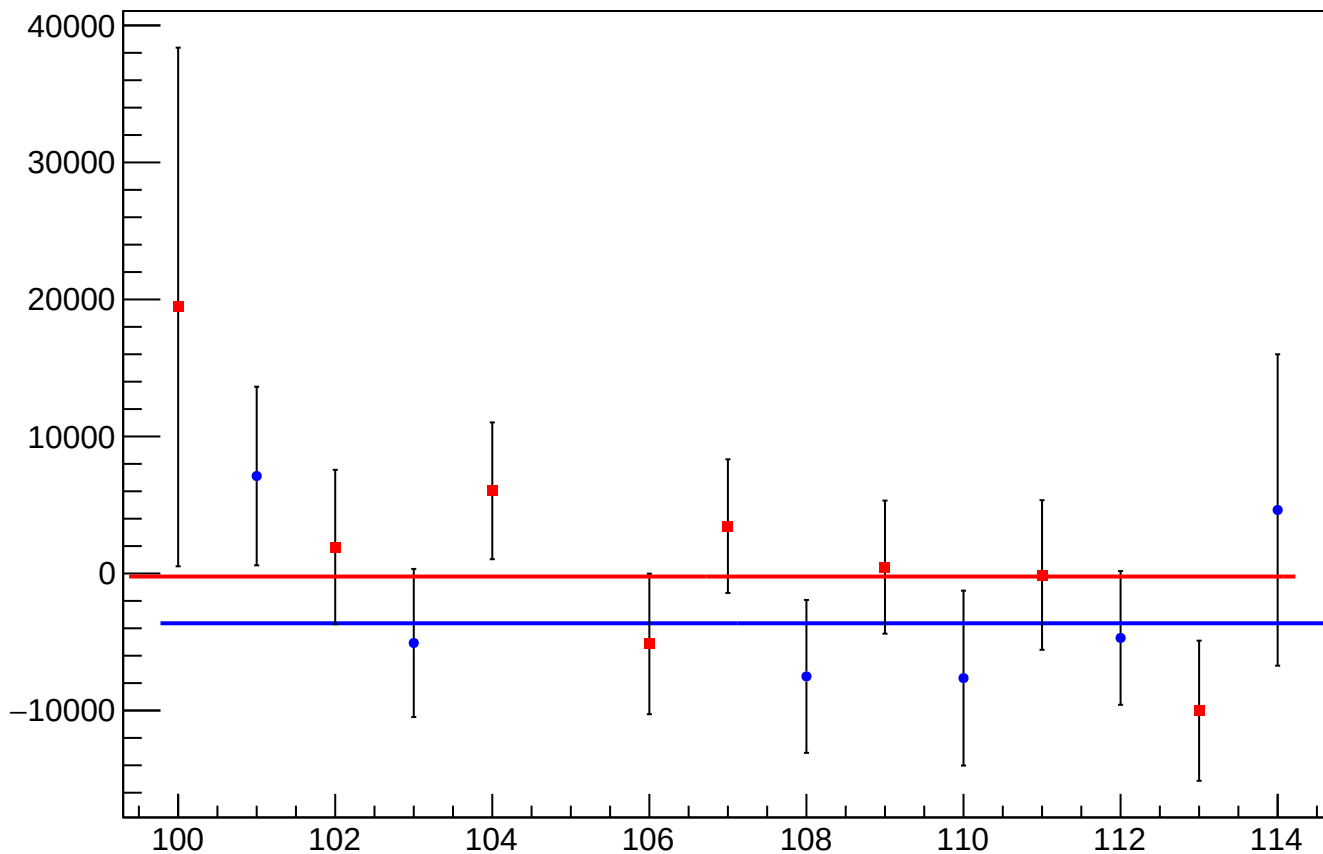
Right: 3133.831+/-0.937 χ^2/NDF : 600458.9/13

In: 3585.572+/-1.570 χ^2/NDF : 65618.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.831+/-0.937 χ^2/NDF : 600458.9/13

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

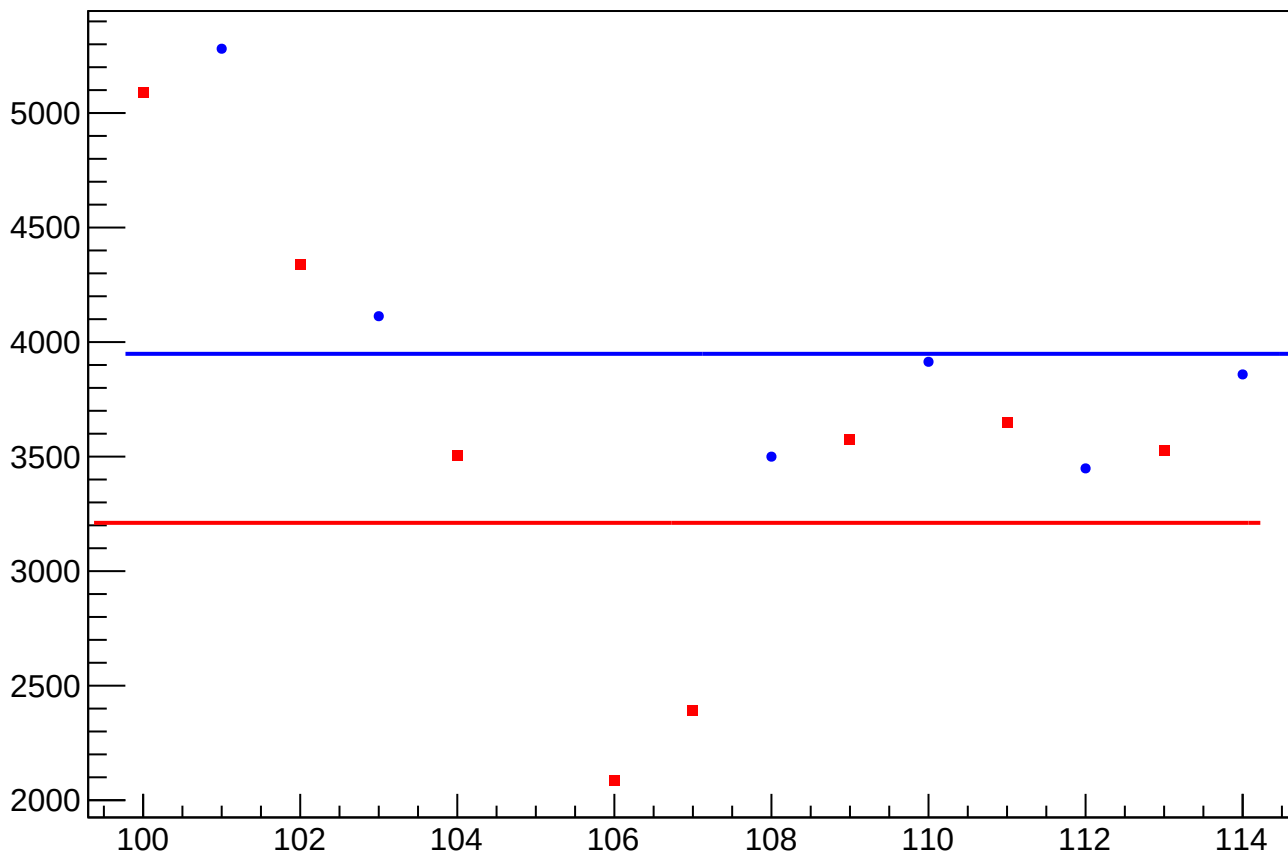
Right: -1515.860+/-1519.956 χ^2/NDF : 13.4/13

In: -3633.662+/-2467.984 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1515.860+/-1519.956 χ^2/NDF : 13.4/13

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

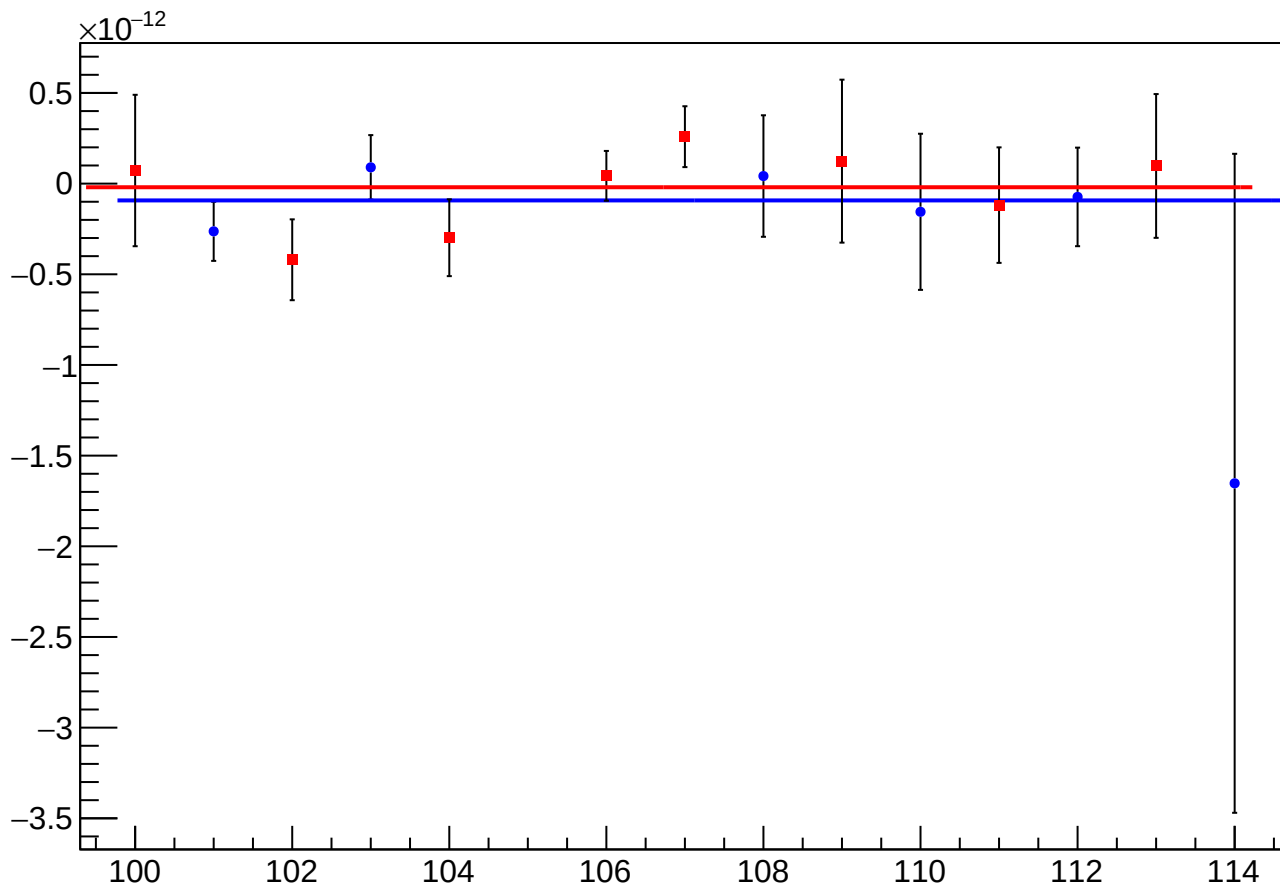
Right: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

In: 3948.725+/-1.745 χ^2/NDF : 119507.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

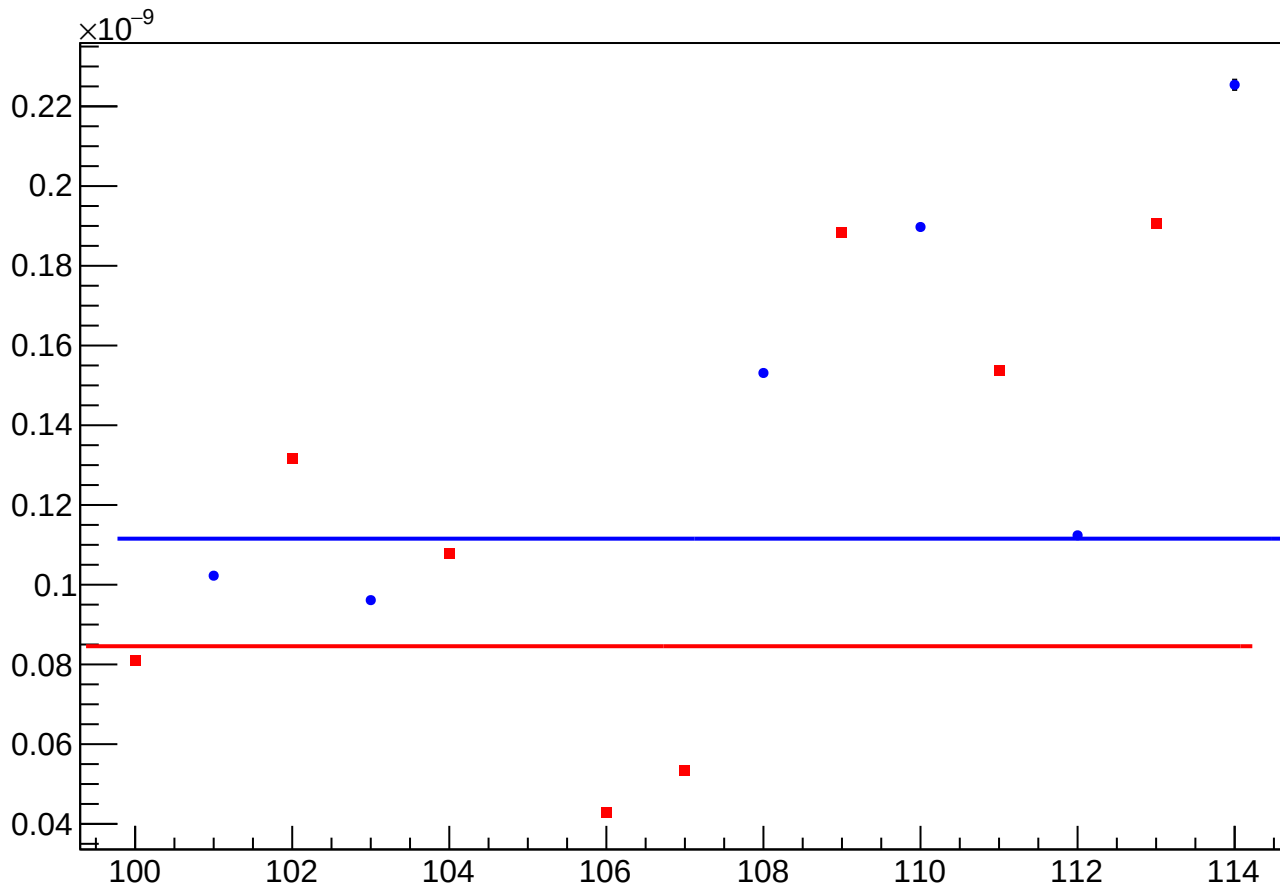
Right: -0.000+/-0.000 χ^2 /NDF: 11.6/13

In: -0.000+/-0.000 χ^2 /NDF:3.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/13

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

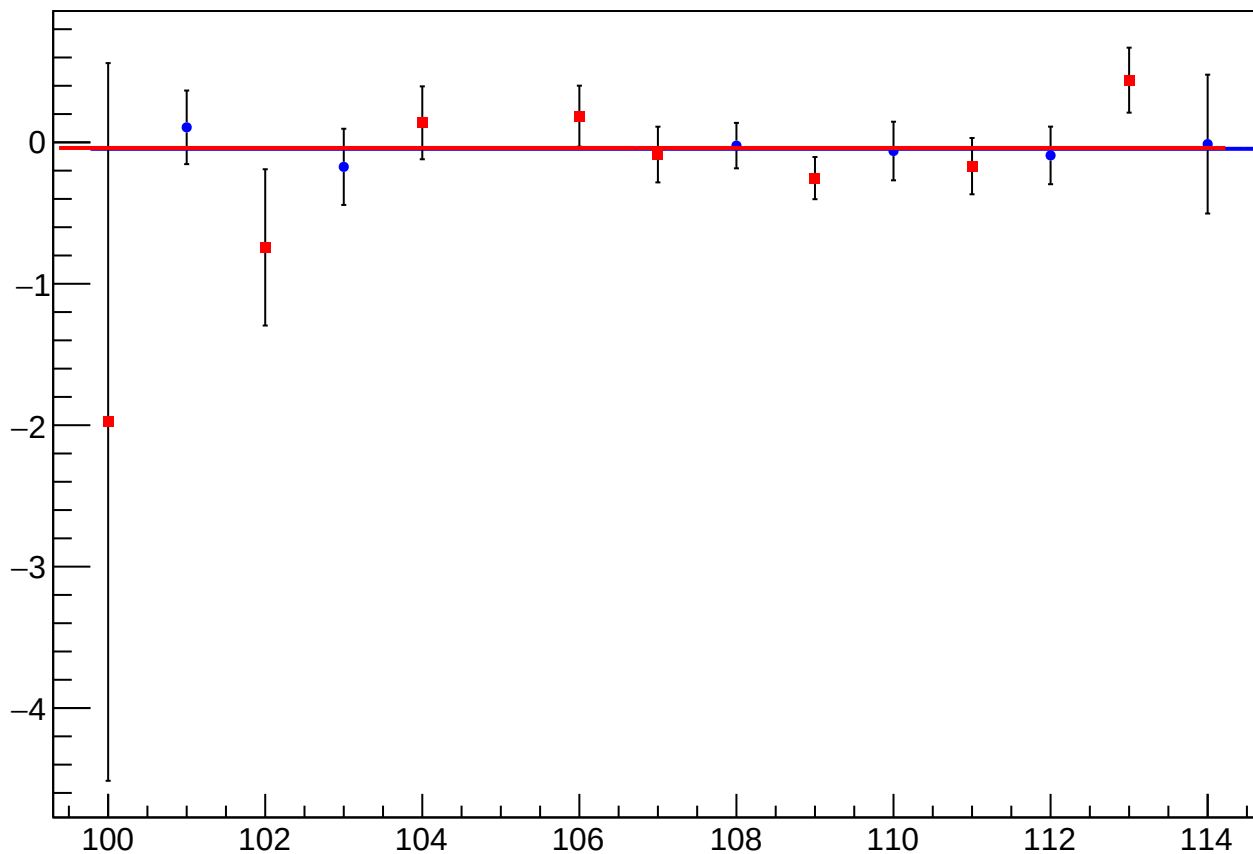
Right: 0.000+/-0.000 χ^2/NDF : 924478.5/13

In: 0.000+/-0.000 χ^2/NDF : 126180.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 924478.5/13

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

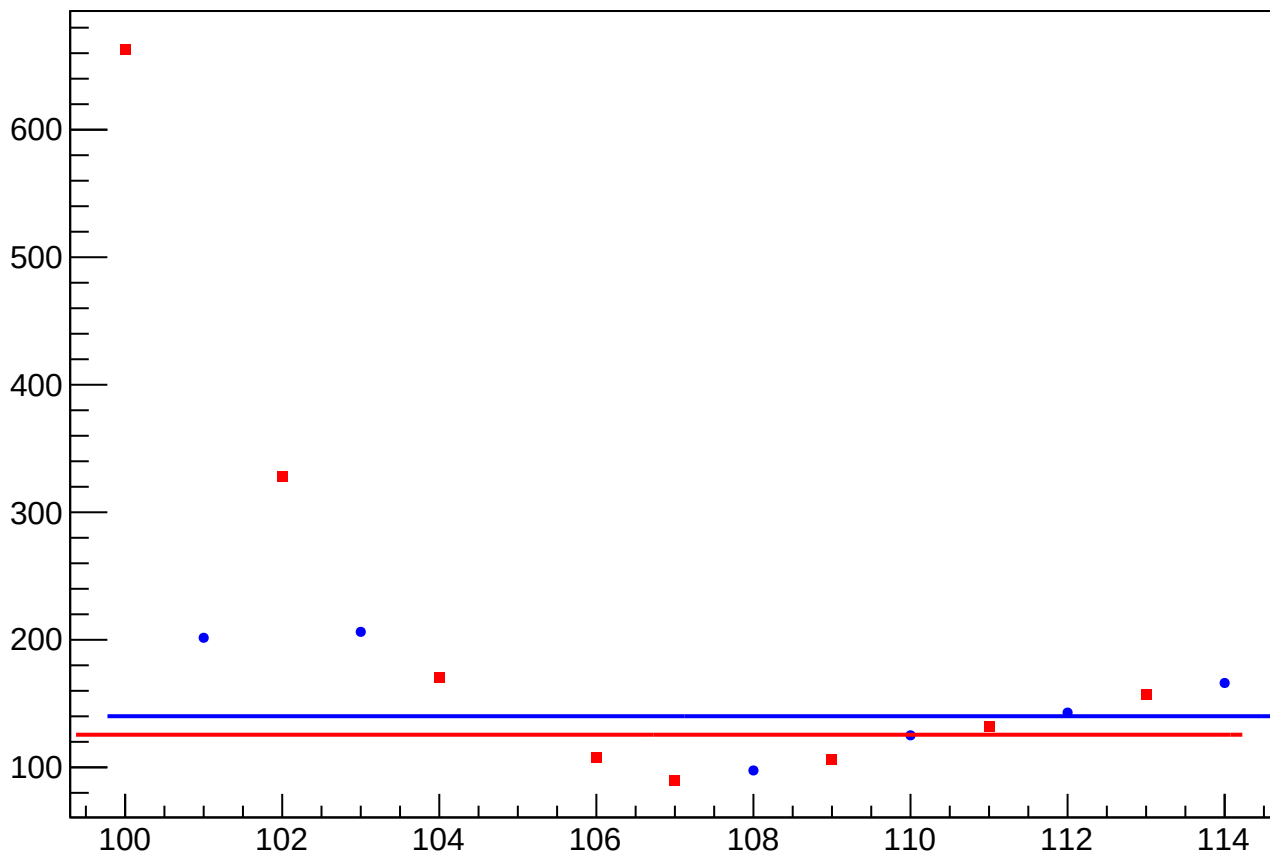
Right: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

In: -0.046 $\pm$ 0.092 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

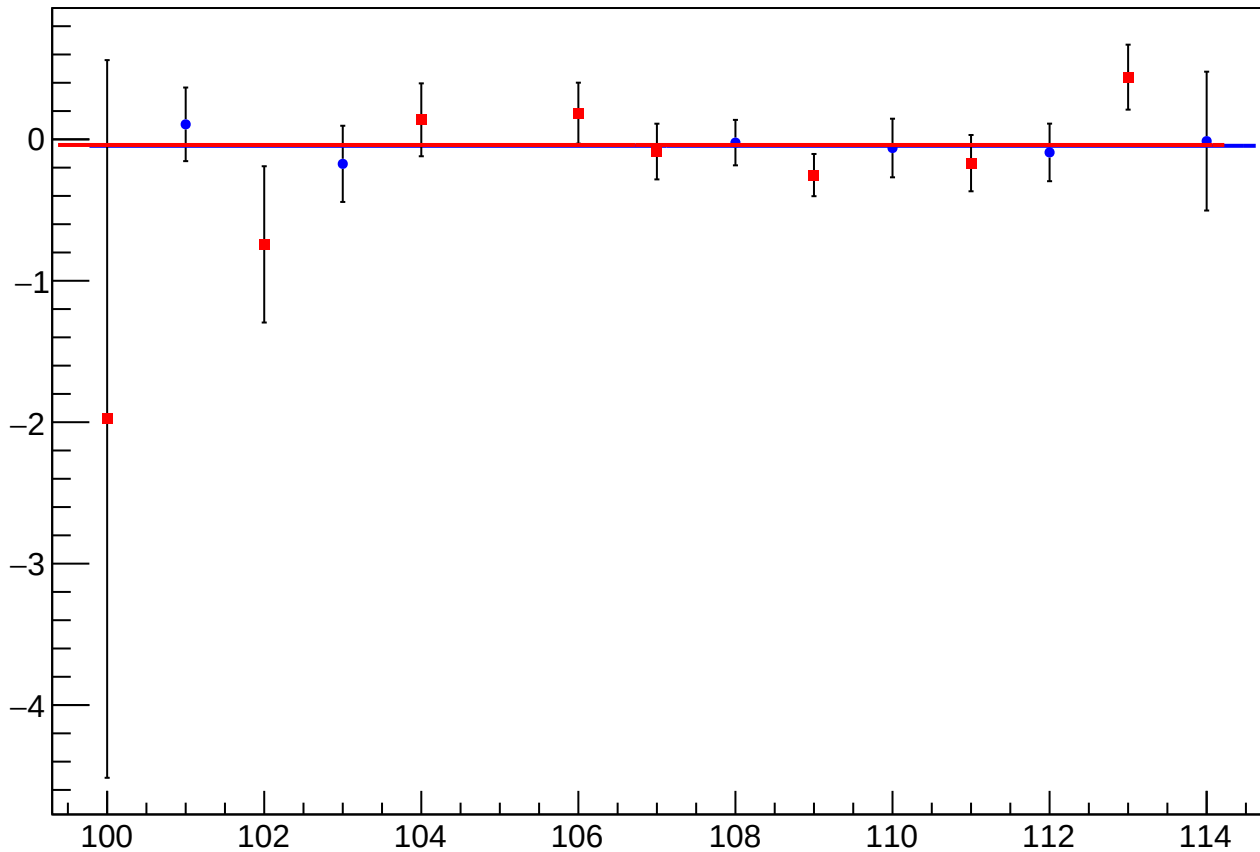
Right: 131.877+/-0.043 χ^2/NDF : 990196.8/13

In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

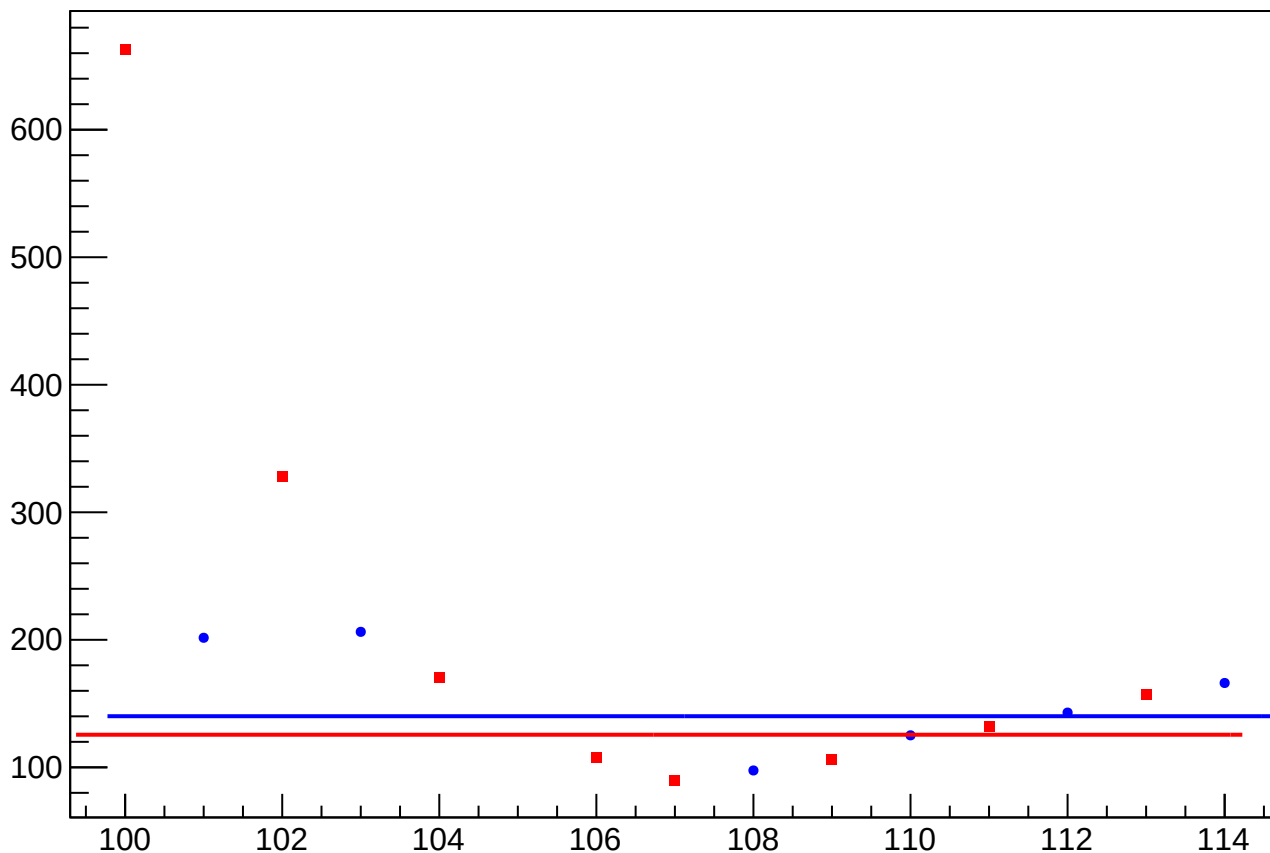
Right: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

In: -0.046 $\pm$ 0.092 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

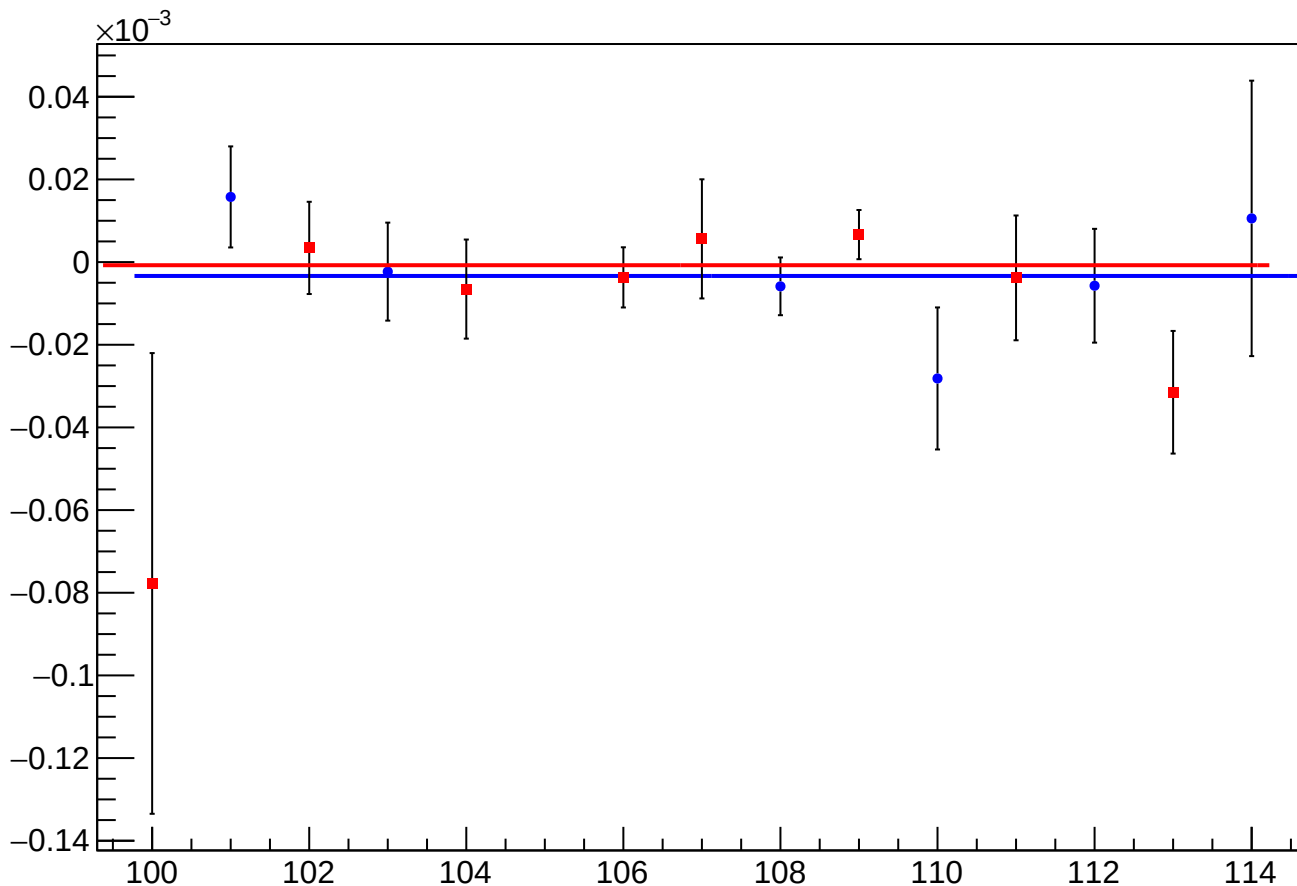
Right: 131.877+/-0.043 χ^2/NDF : 990196.8/13

In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

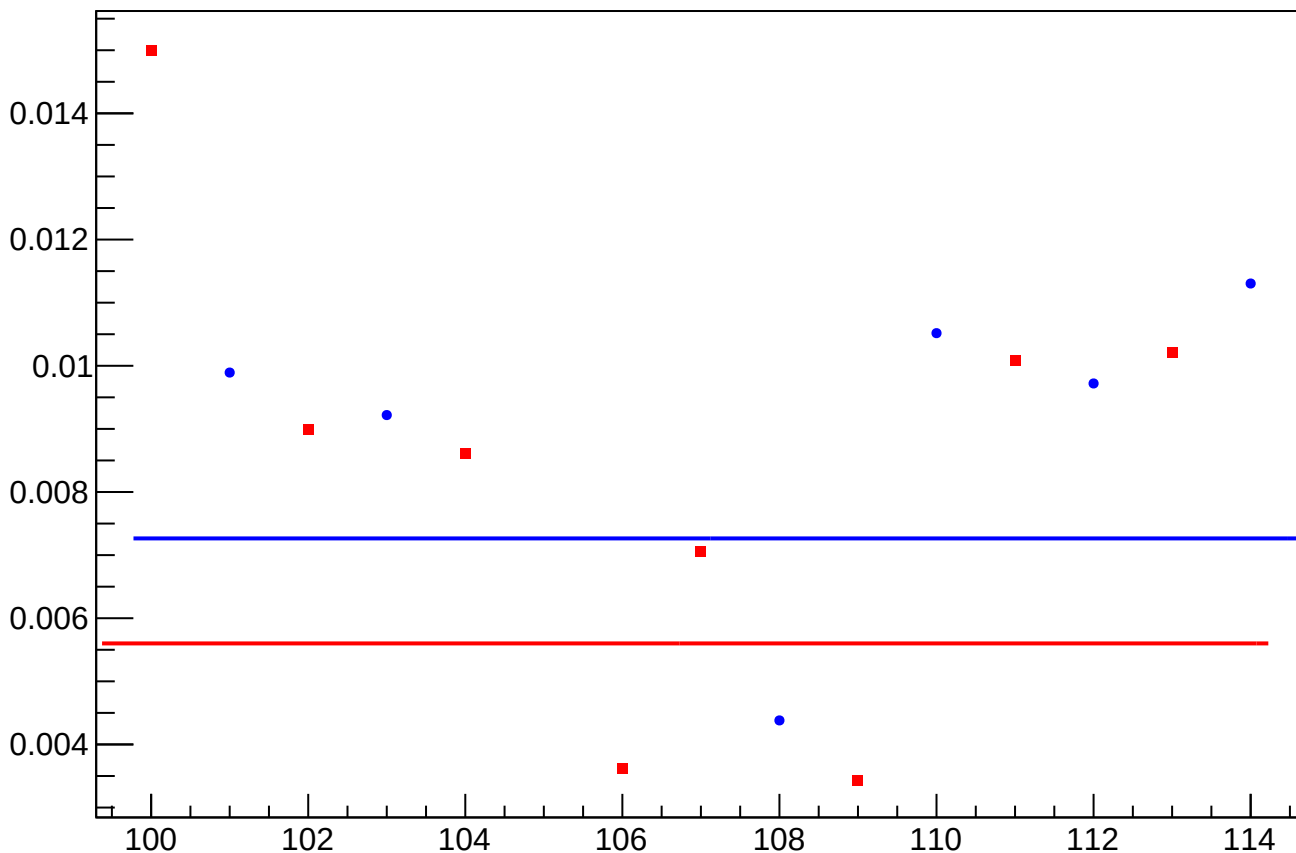
Right: -0.000+/-0.000 χ^2/NDF : 13.6/13

In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/13

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

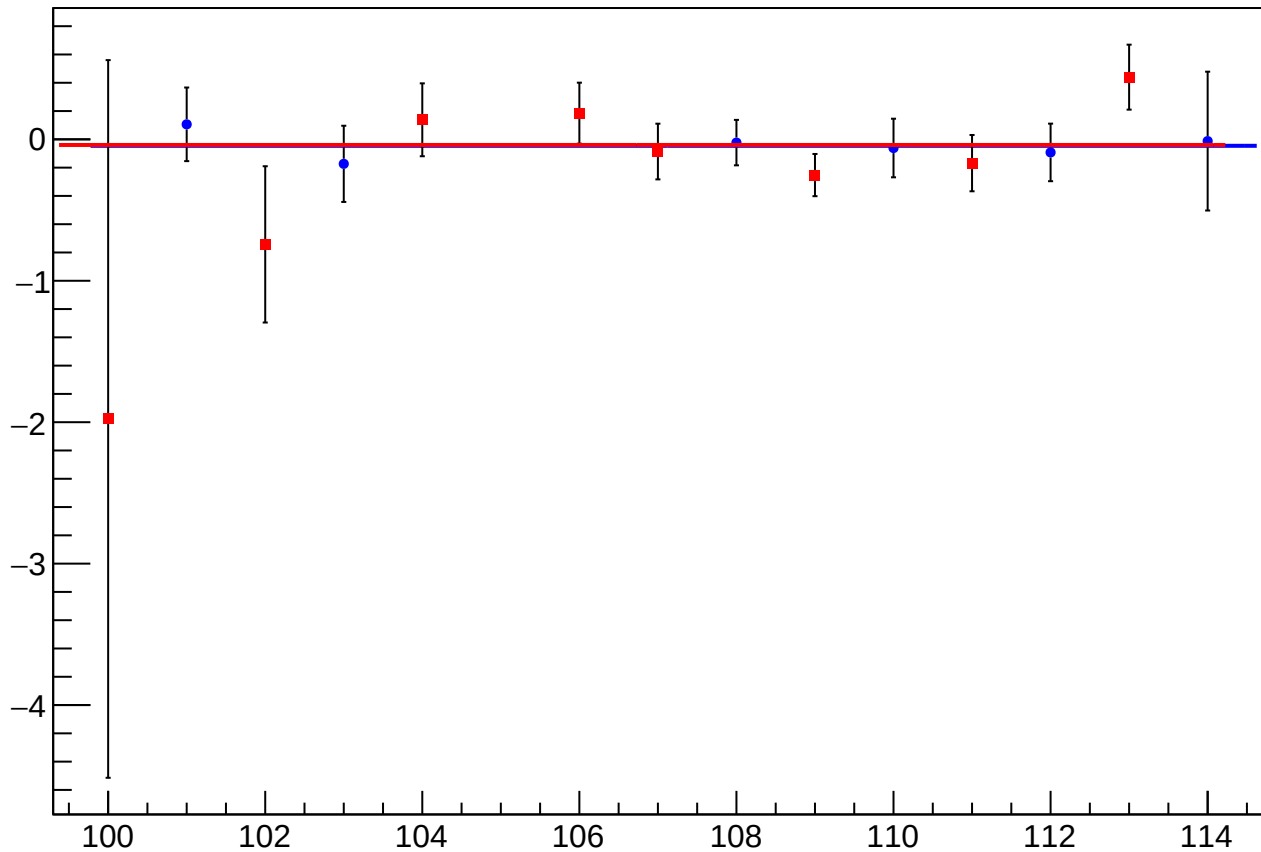
Right: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

In: 0.007+/-0.000 χ^2/NDF :652407.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

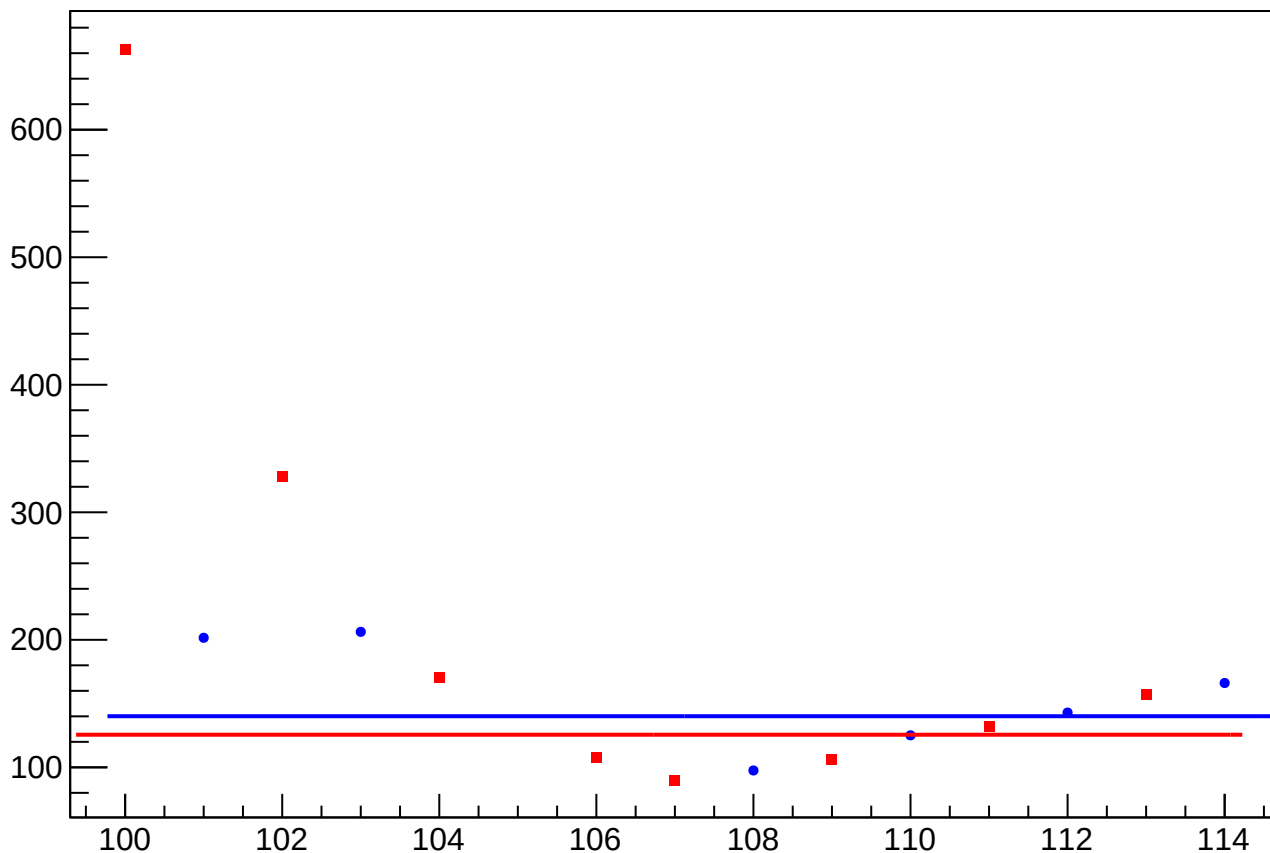
Right: -0.042+/-0.060 χ^2 /NDF: 11.3/13

In: -0.046+/-0.092 χ^2 /NDF:0.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.042+/-0.060 χ^2 /NDF: 11.3/13

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

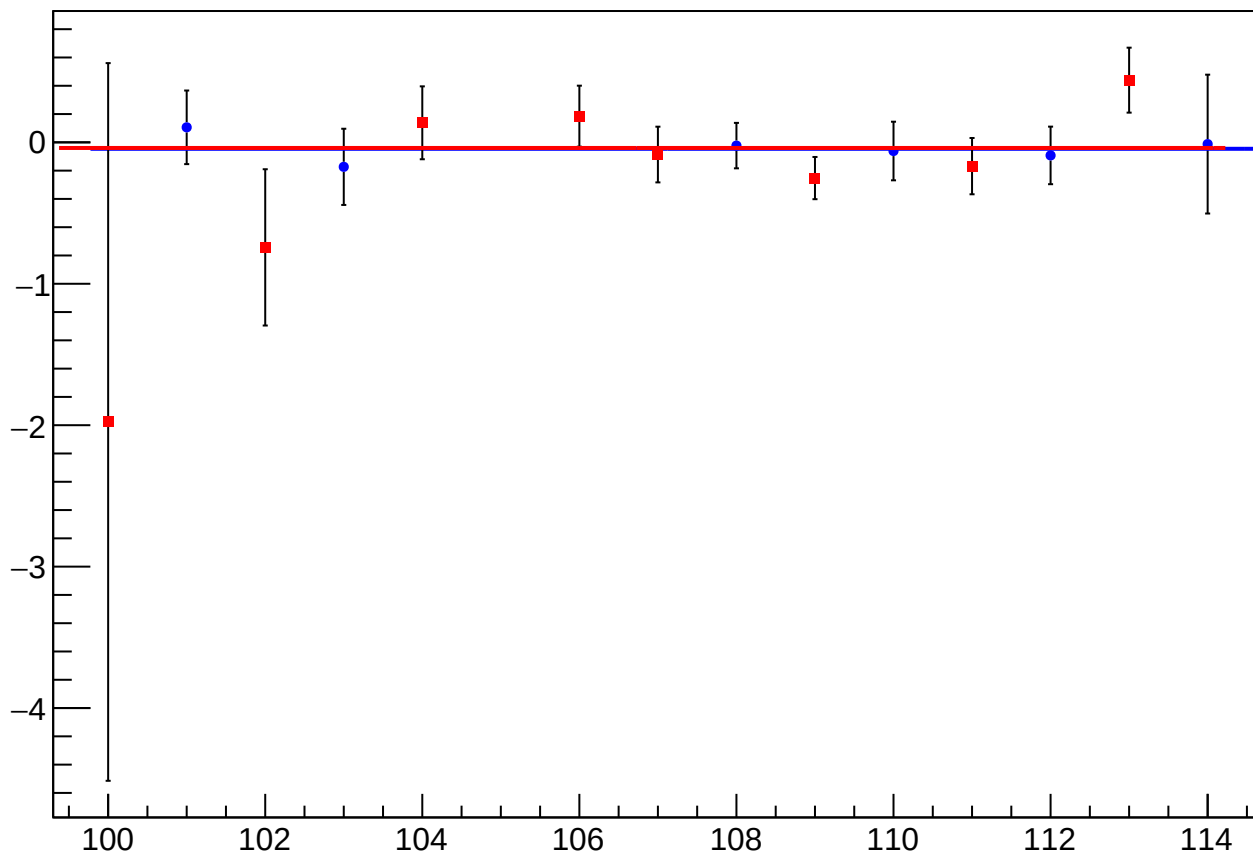
Right: 131.879+/-0.043 χ^2/NDF : 990107.2/13

In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

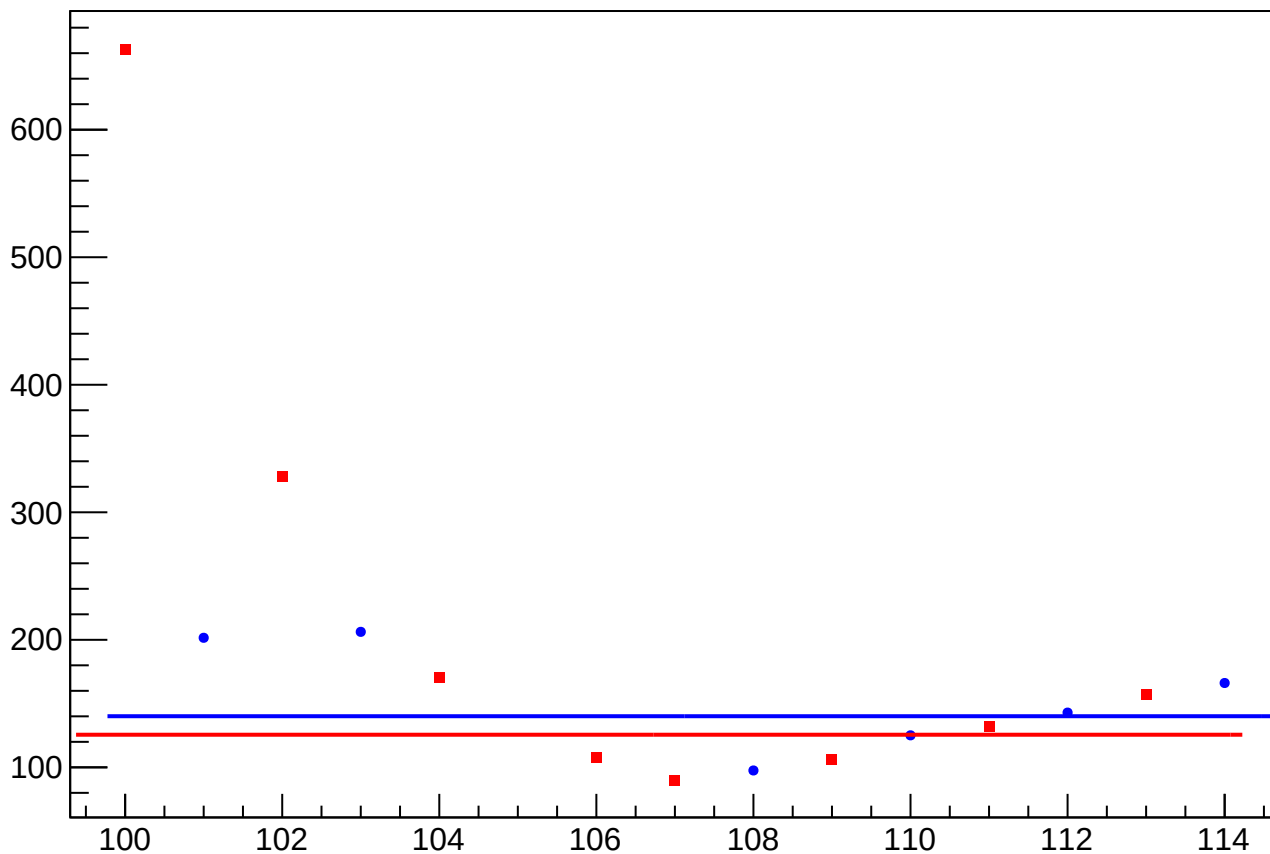
Right: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

In: -0.046 $\pm$ 0.092 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

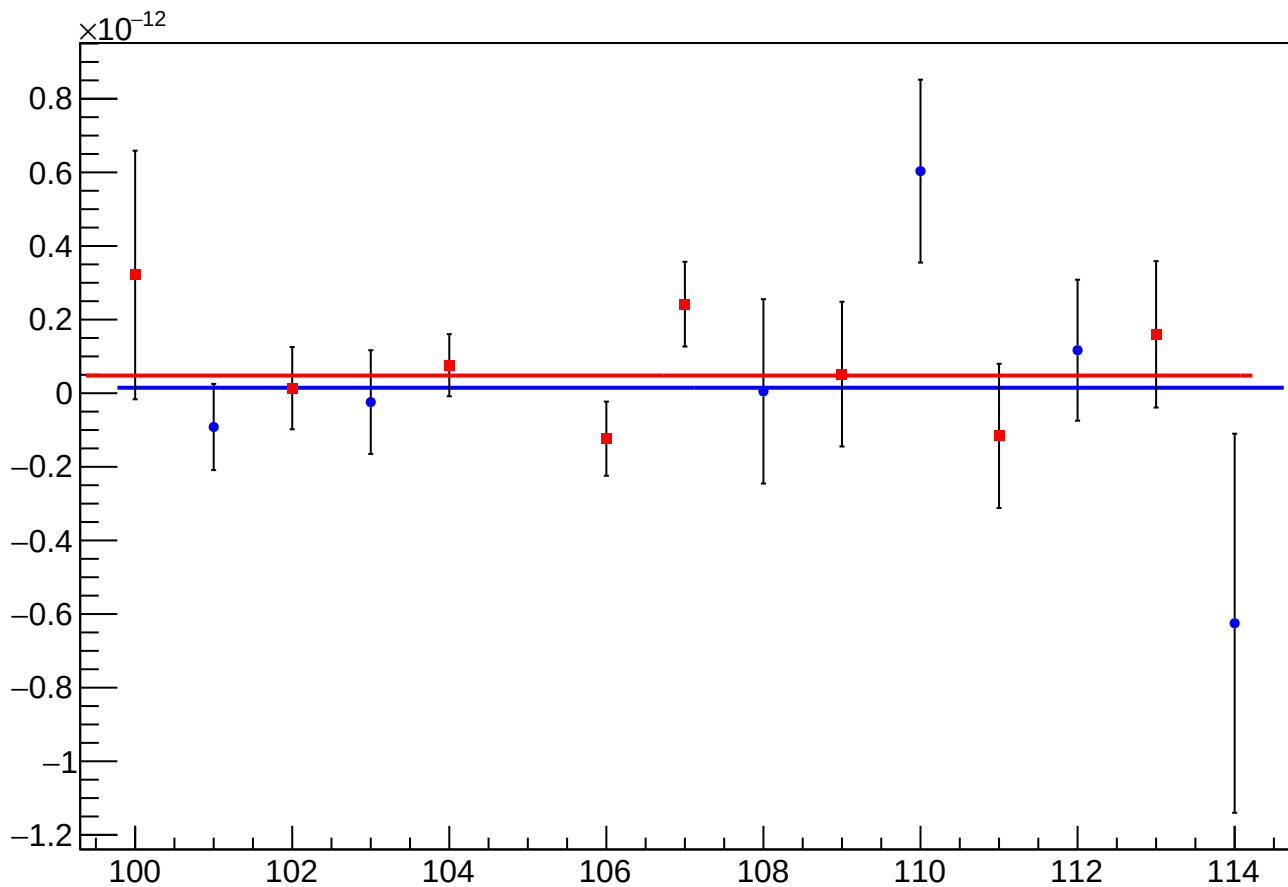
Right: 131.879+/-0.043 χ^2/NDF : 990107.2/13

In: 140.091+/-0.065 χ^2/NDF :388974.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

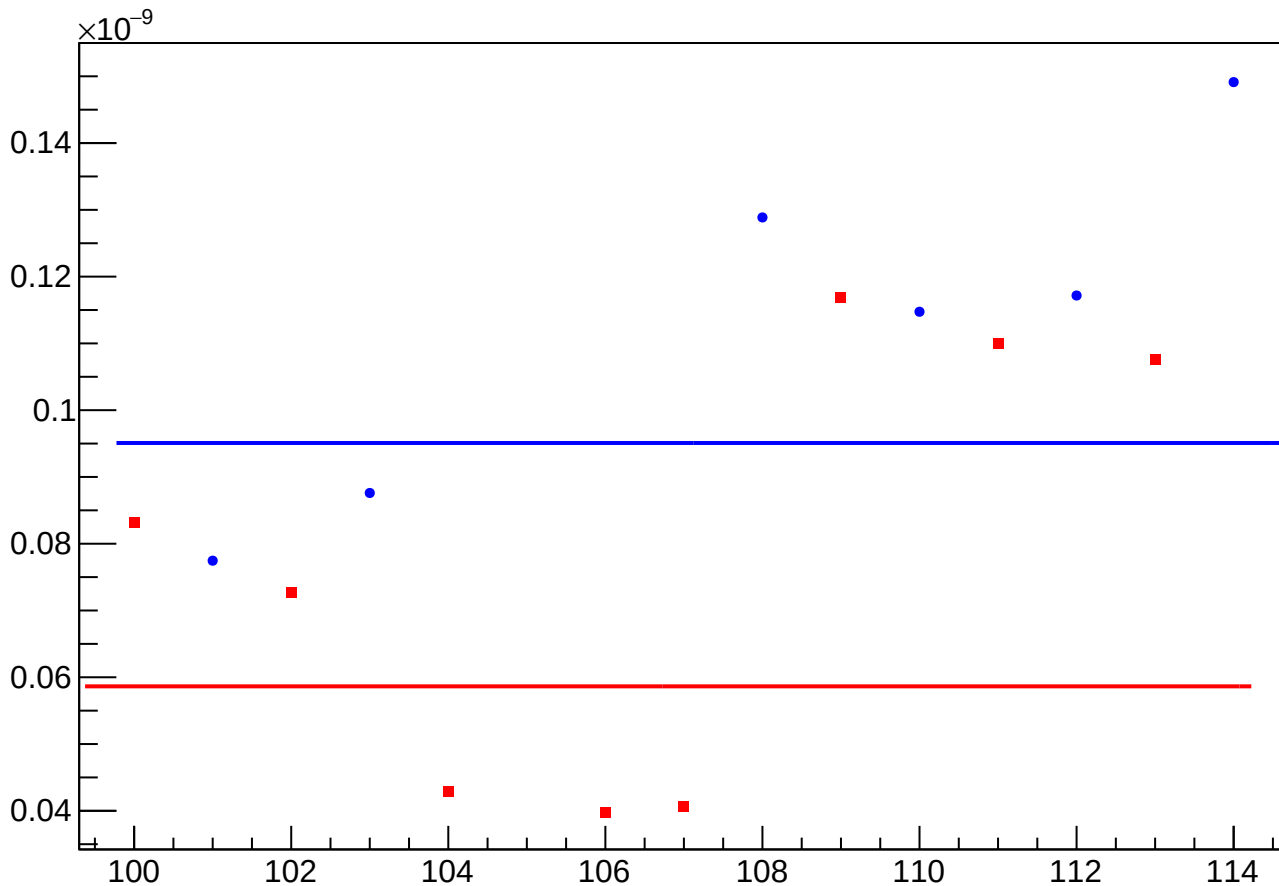
Right: 0.000+/-0.000 χ^2/NDF : 16.1/13

In: 0.000+/-0.000 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/13

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

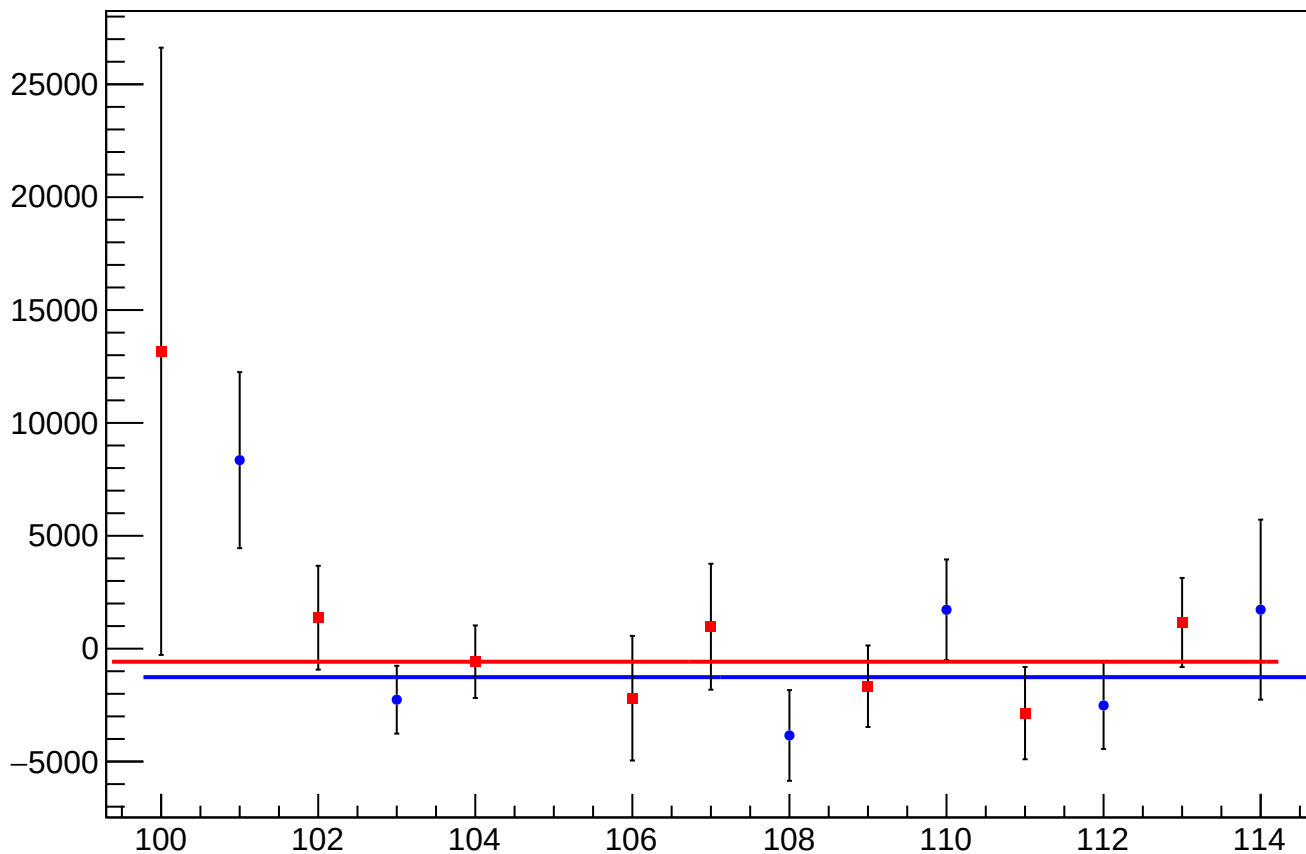
Right: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

In: 0.000+/-0.000 χ^2/NDF : 148447.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

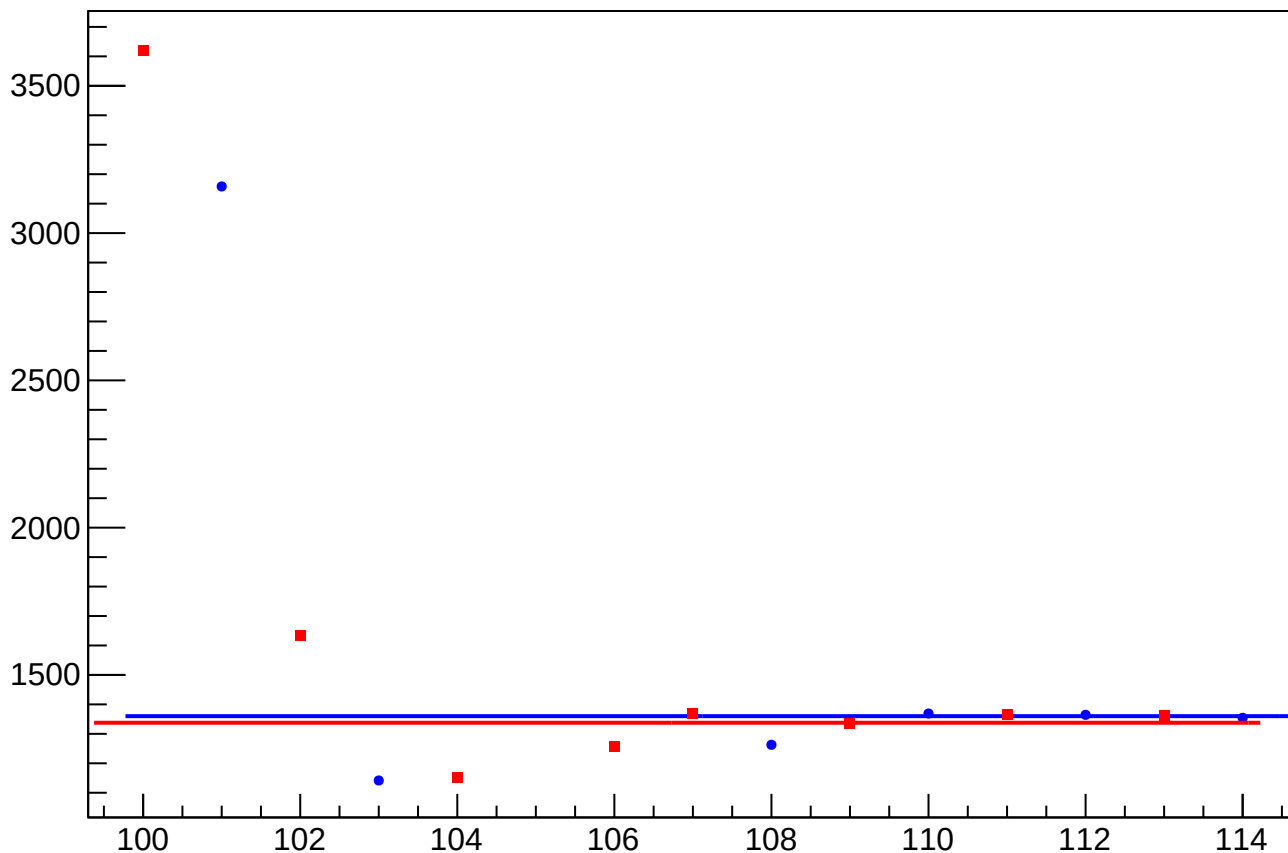
Right: -878.721+/-583.767 χ^2/NDF : 16.1/13

In: -1261.965+/-880.623 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.721+/-583.767 χ^2/NDF : 16.1/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

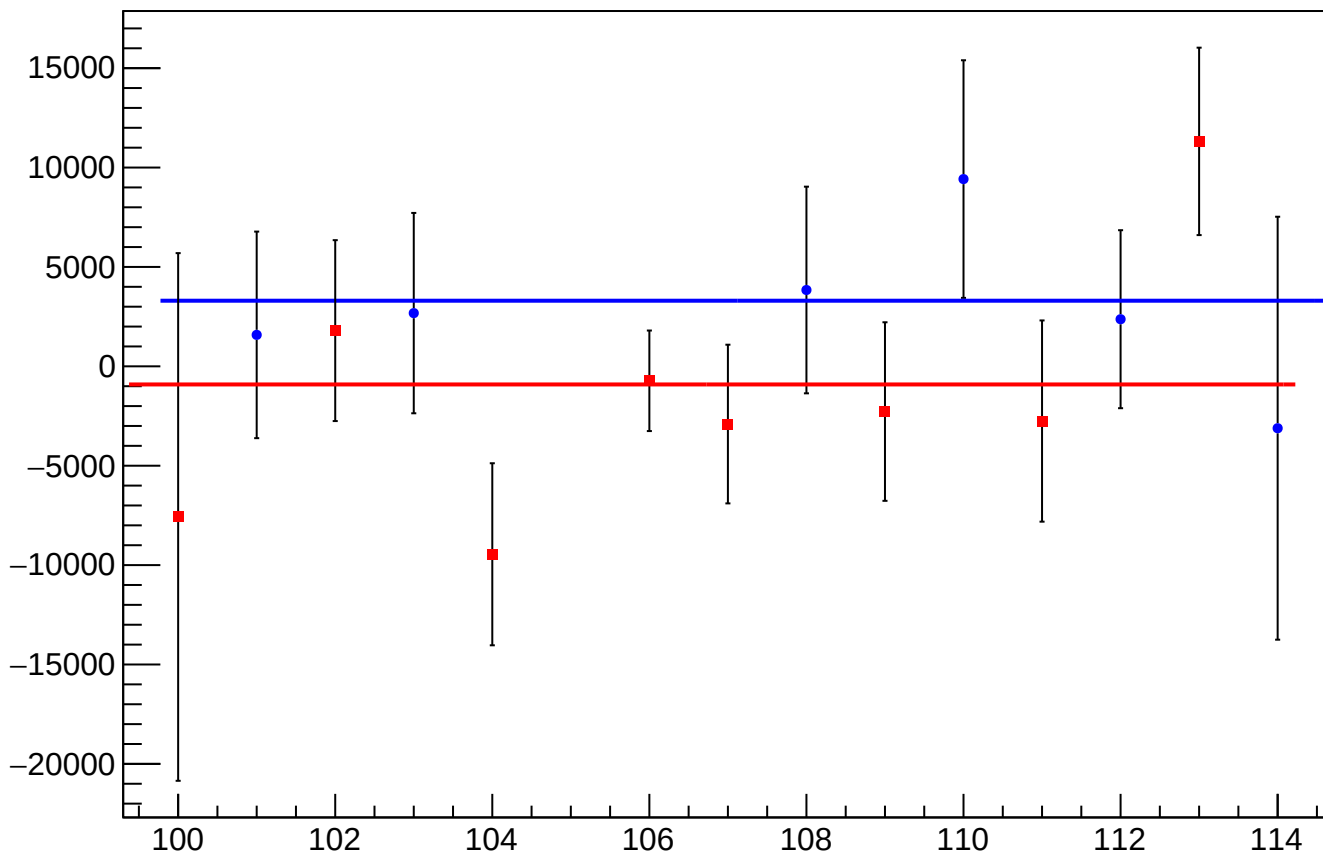
Right: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

In: 1360.030+/-0.623 χ^2/NDF : 472257.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.420+/-0.411 χ^2/NDF : 593791.2/13

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3300.817+/-2235.388 χ^2/NDF : 1.6/5

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

Right Out: -911.596+/-1483.479 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

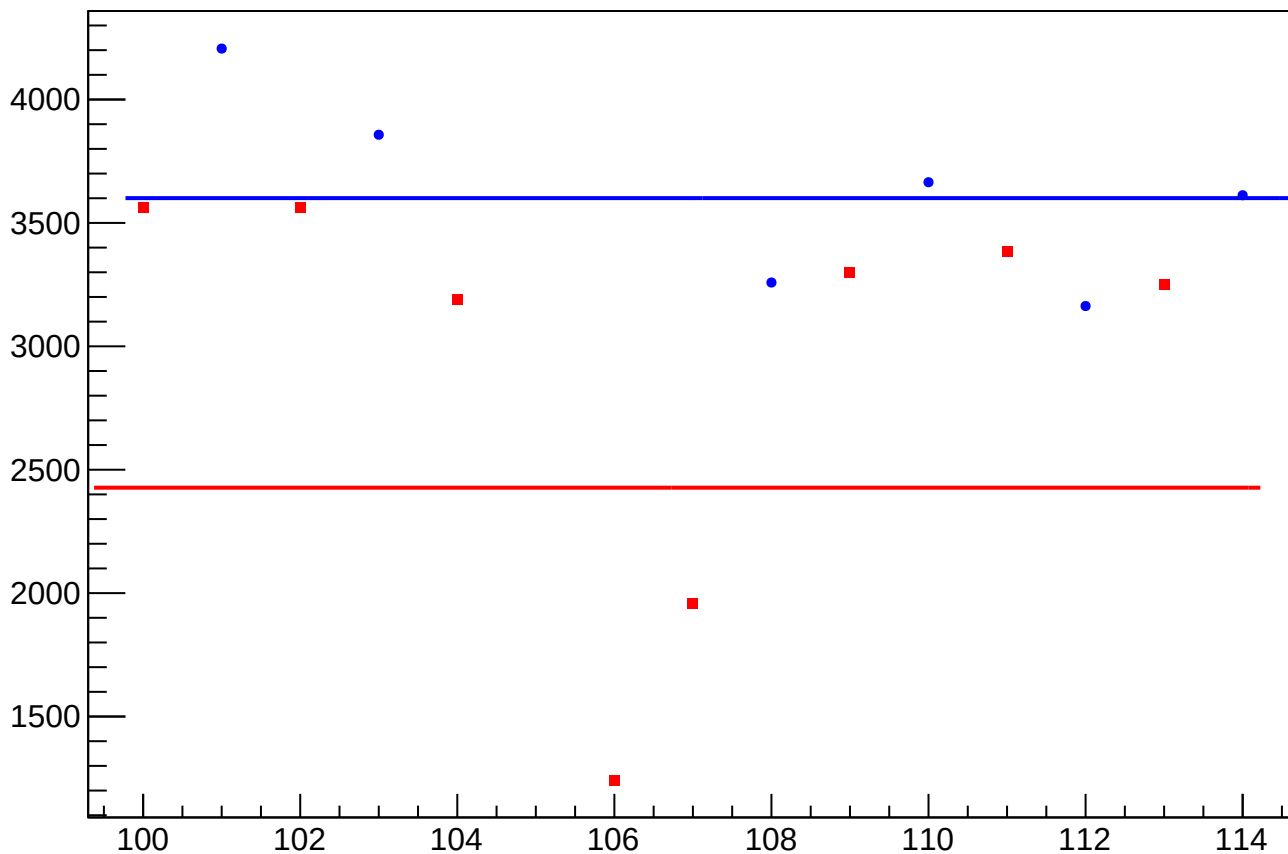
Right: 376.362+/-1236.057 χ^2/NDF : 15.4/13

In: 3300.817+/-2235.388 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.362+/-1236.057 χ^2/NDF : 15.4/13

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

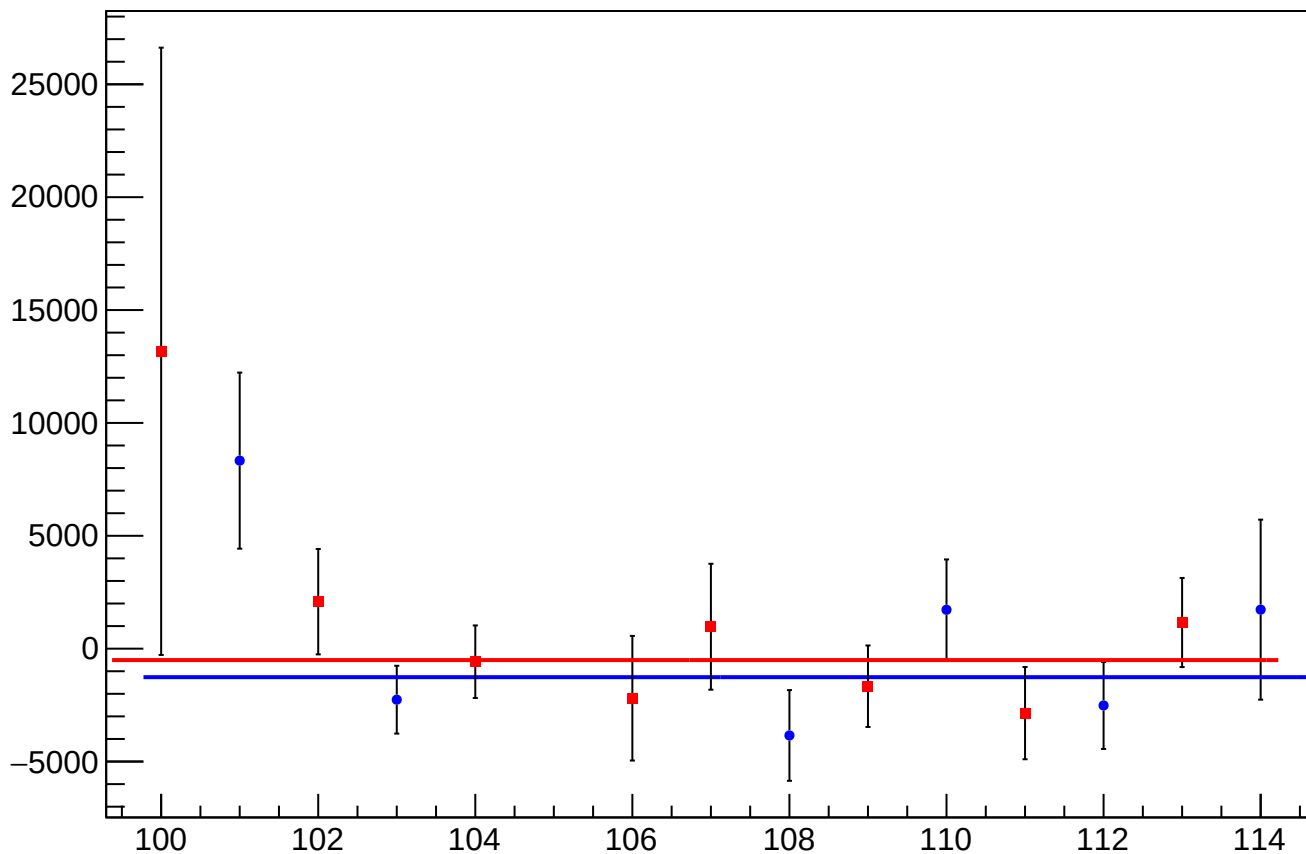
Right: 2785.980+/-0.874 χ^2 /NDF: 1312069.1/13

In: 3600.475+/-1.581 χ^2 /NDF:60353.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2785.980+/-0.874 χ^2 /NDF: 1312069.1/13

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

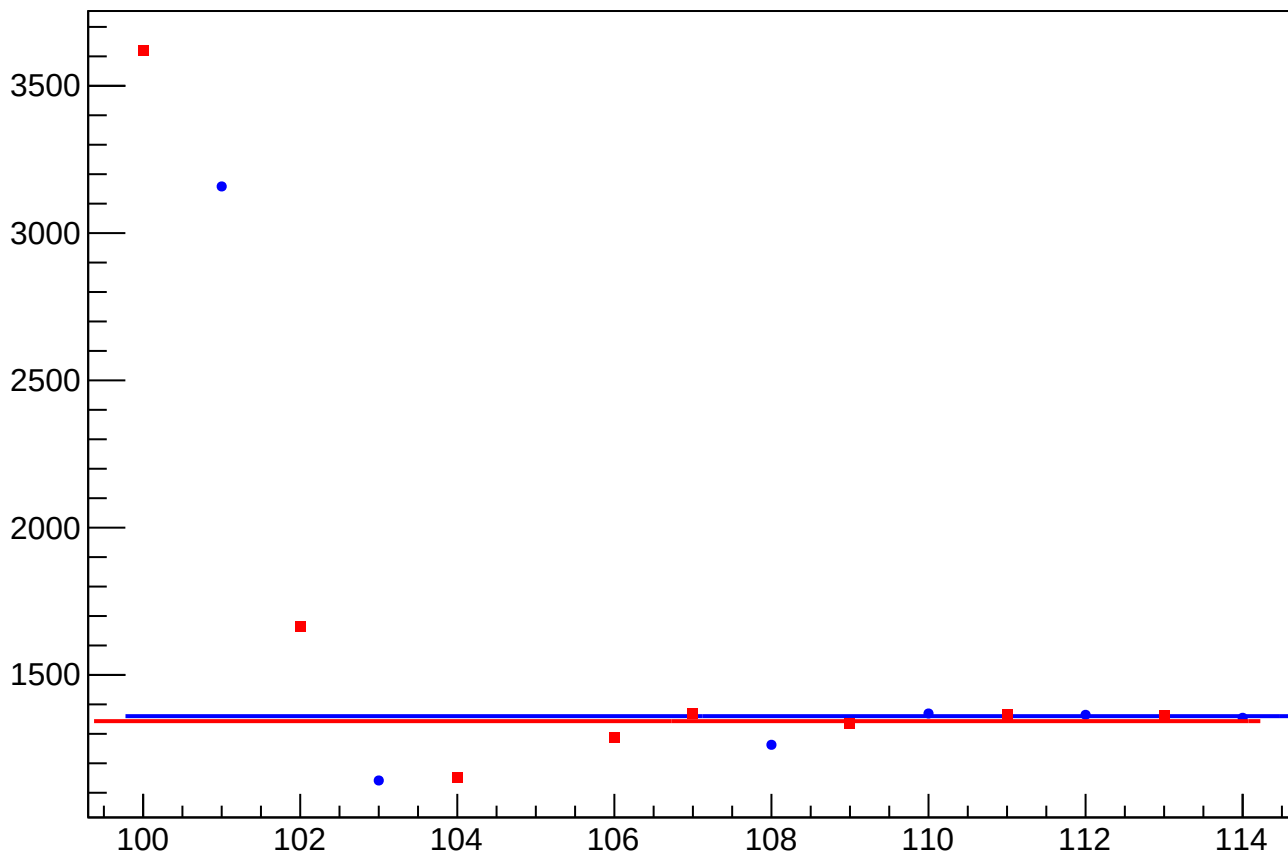
Right: -839.057+/-584.322 χ^2/NDF : 16.7/13

In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.057+/-584.322 χ^2/NDF : 16.7/13

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

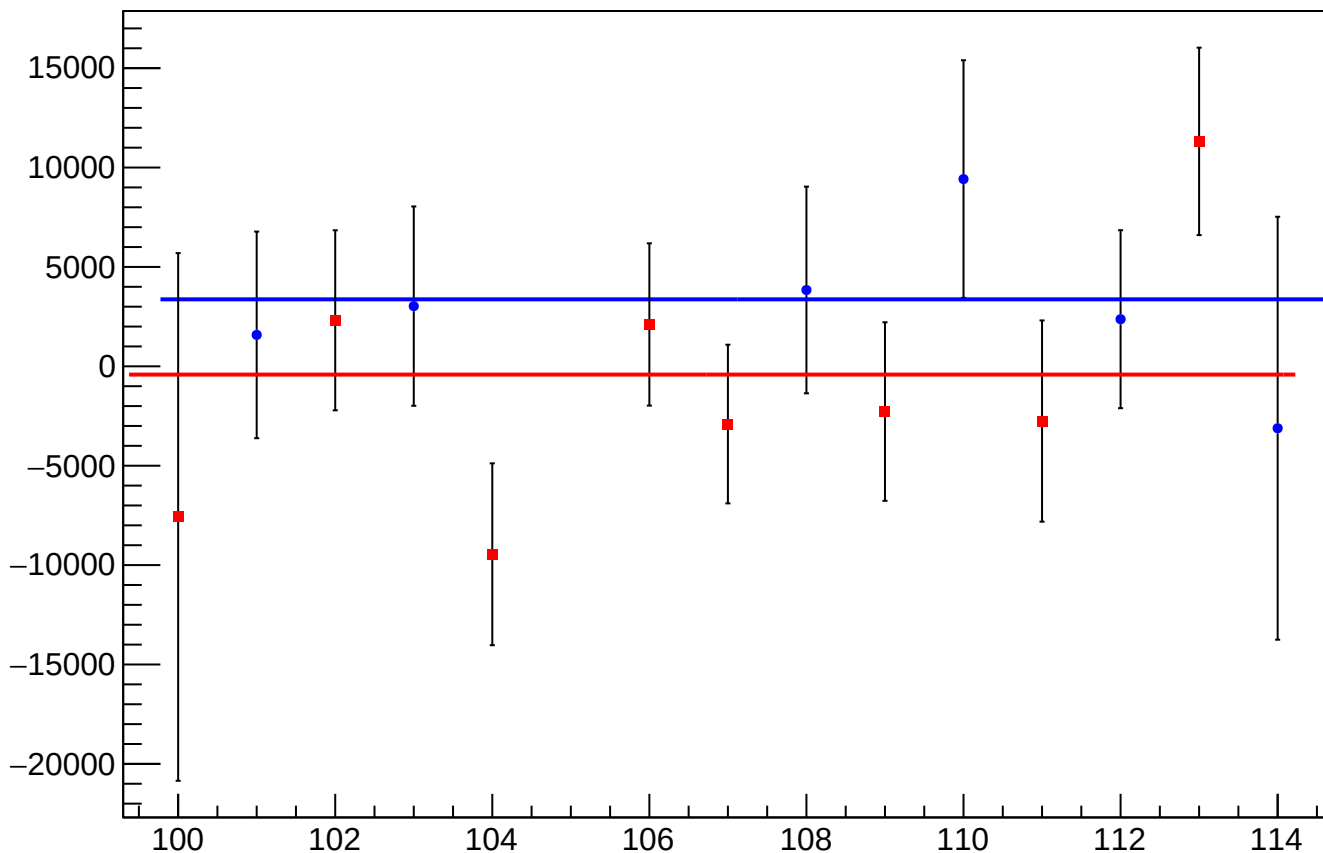
Right: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

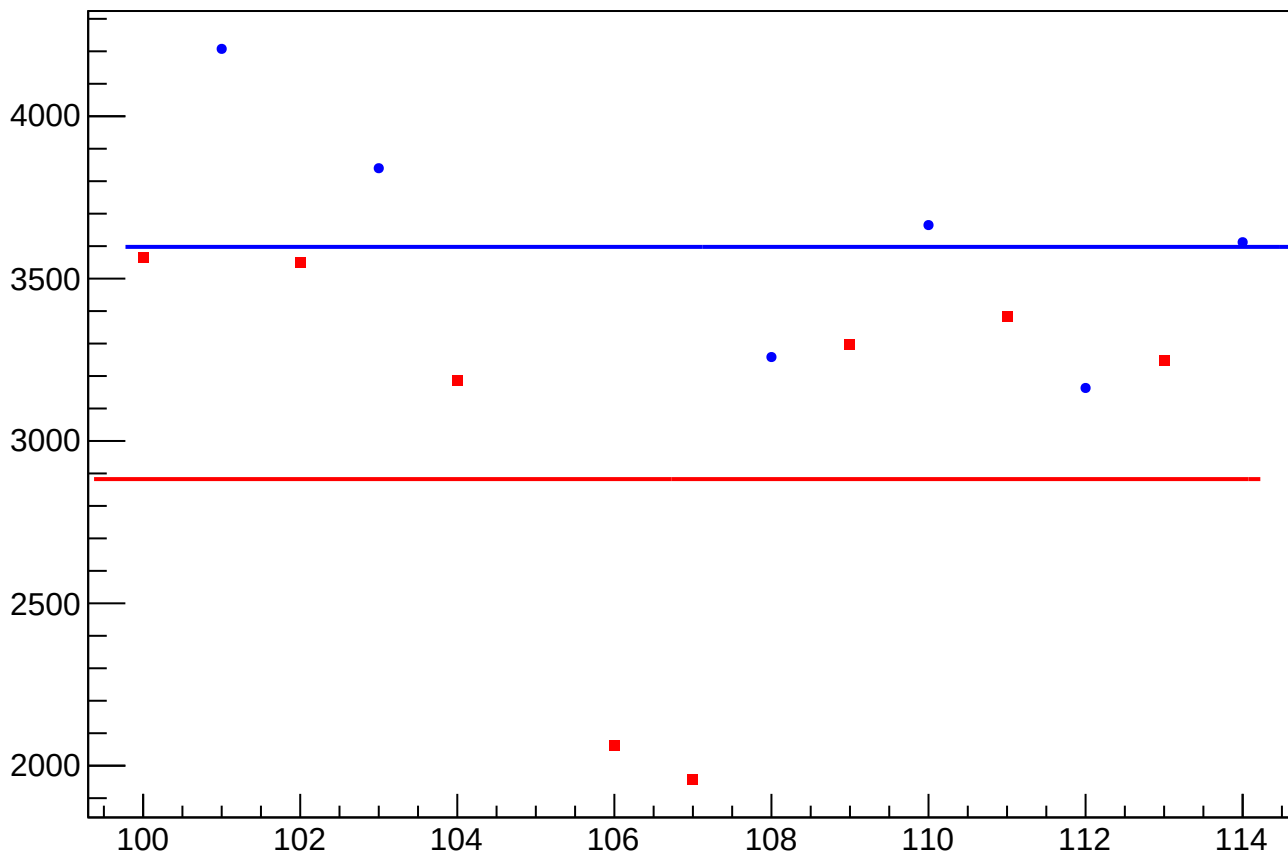
Right: 941.953+/-1337.378 χ^2/NDF : 15.3/13

In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.953+/-1337.378 χ^2/NDF : 15.3/13

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

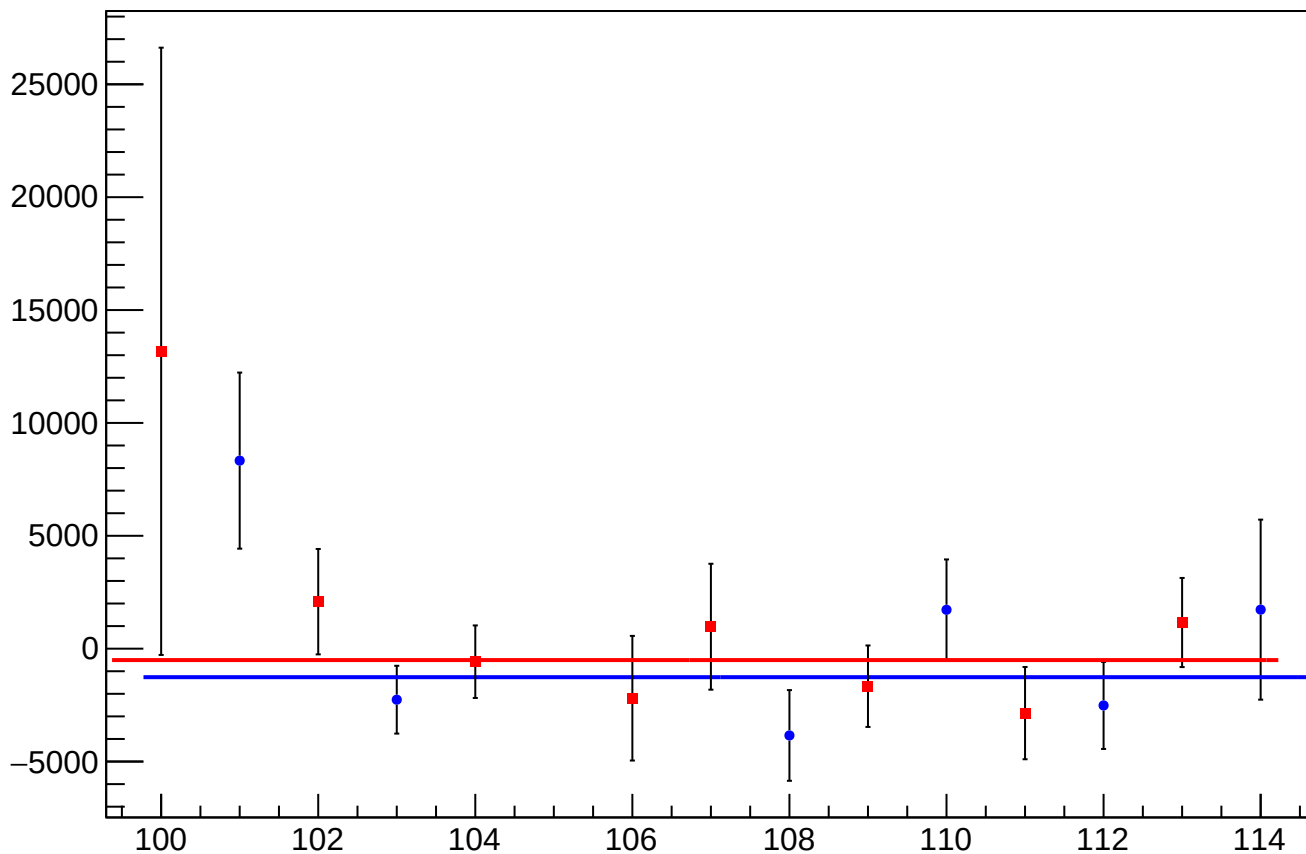
Right: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

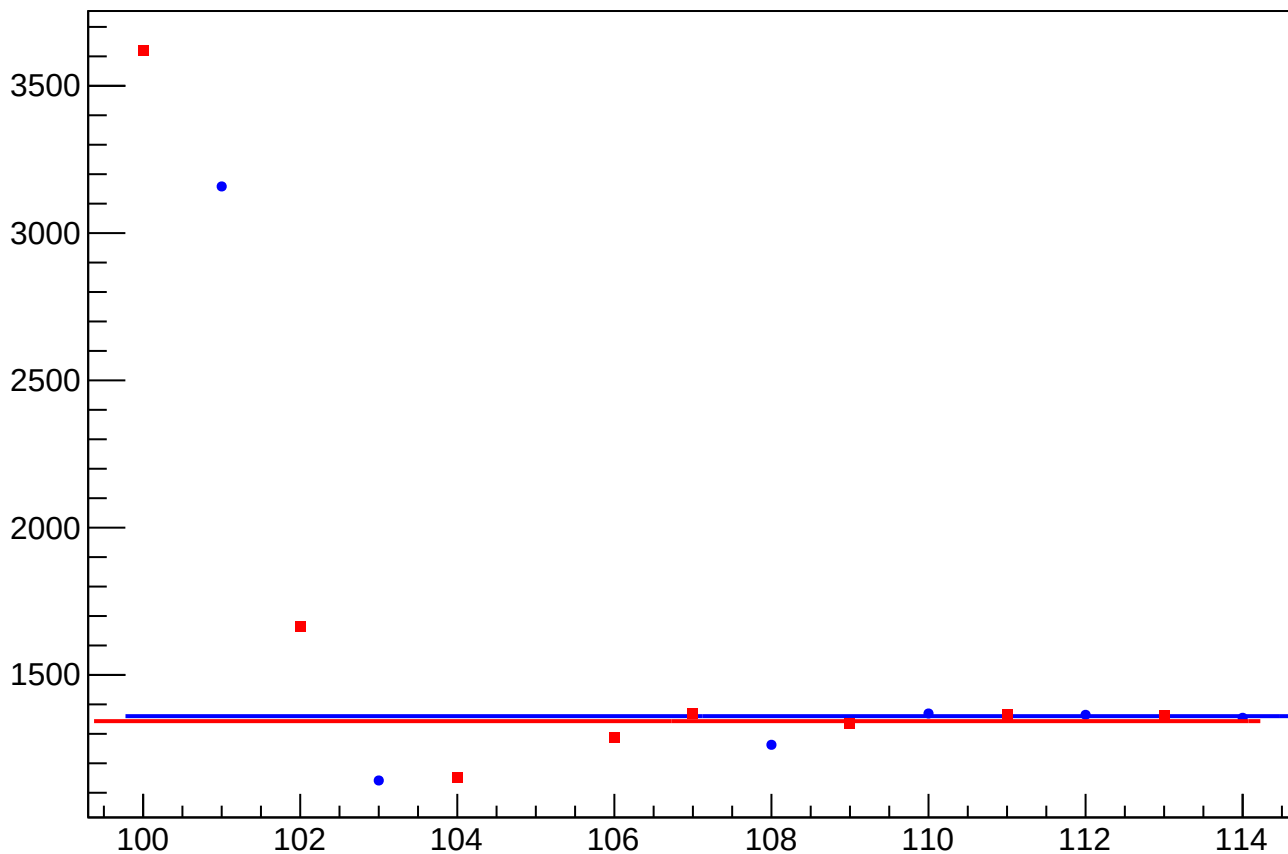
Right: -839.057+/-584.322 χ^2/NDF : 16.7/13

In: -1262.977+/-880.624 χ^2/NDF : 10.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -839.057+/-584.322 χ^2/NDF : 16.7/13

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

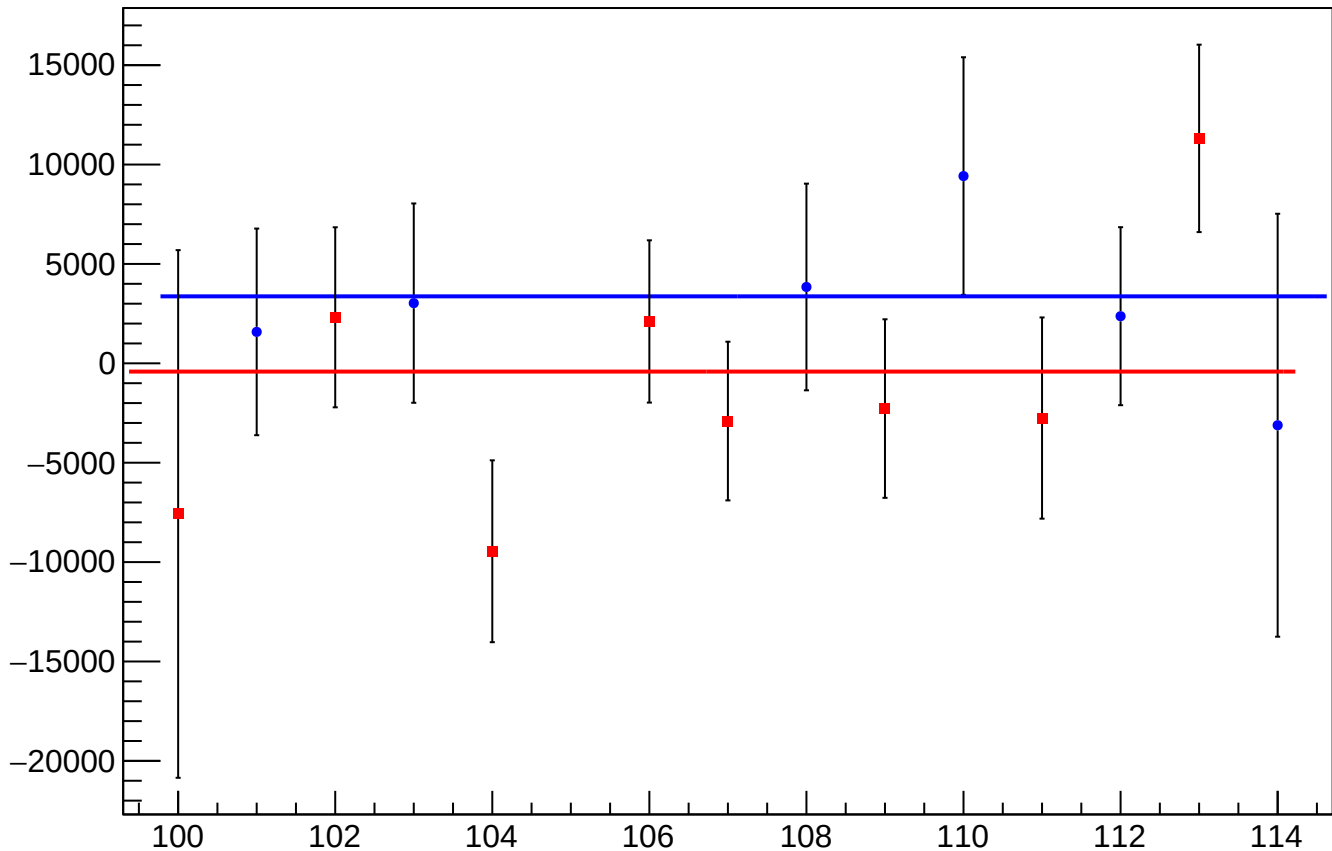
Right: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

In: 1360.030+/-0.623 χ^2/NDF : 472259.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.522+/-0.412 χ^2/NDF : 598578.8/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

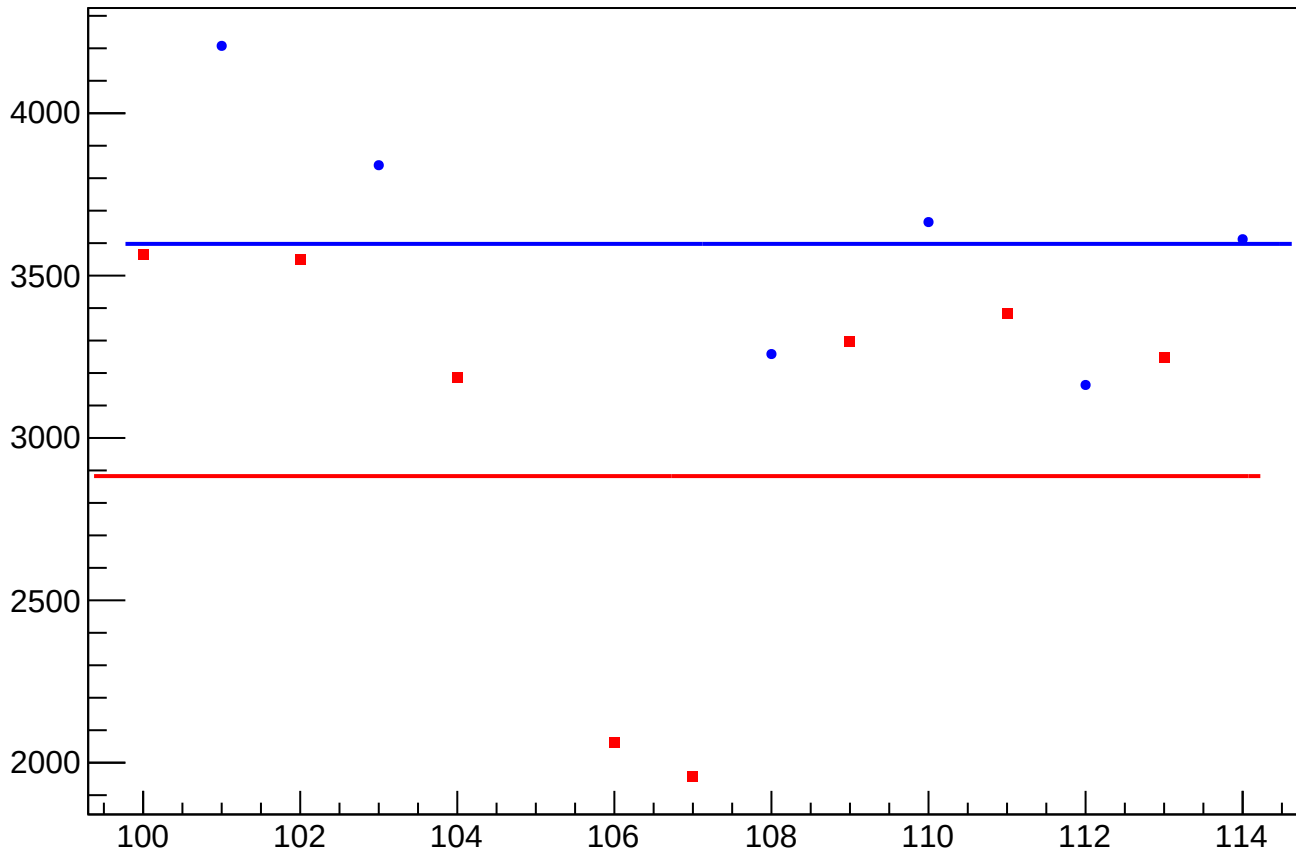
Right: 941.953+/-1337.378 χ^2/NDF : 15.3/13

In: 3369.206+/-2233.210 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.953+/-1337.378 χ^2/NDF : 15.3/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

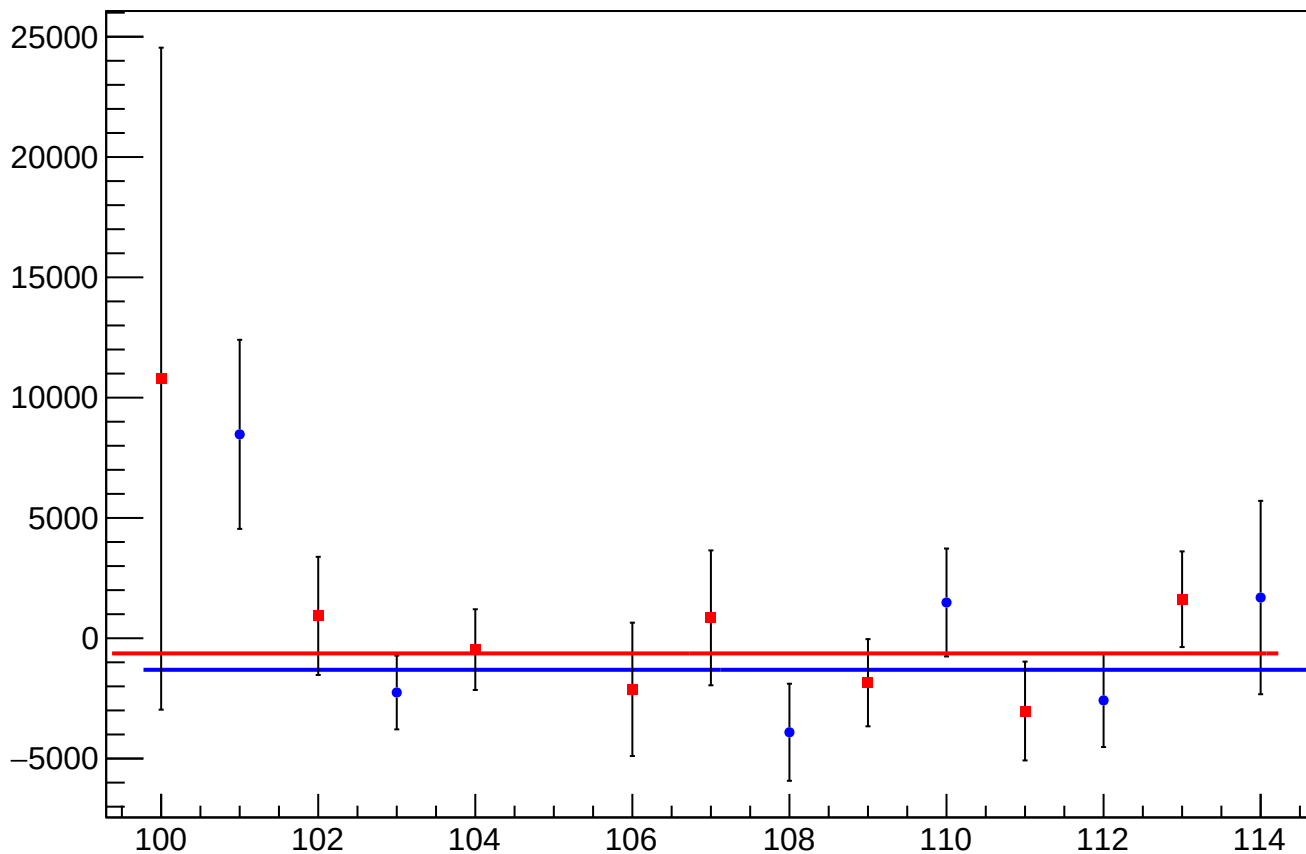
Right: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

In: 3597.705+/-1.579 χ^2/NDF : 59806.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.062+/-0.946 χ^2/NDF : 486211.8/13

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1311.104+/-890.196 χ^2/NDF : 10.8/5

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

Right Out: -630.333+/-795.893 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

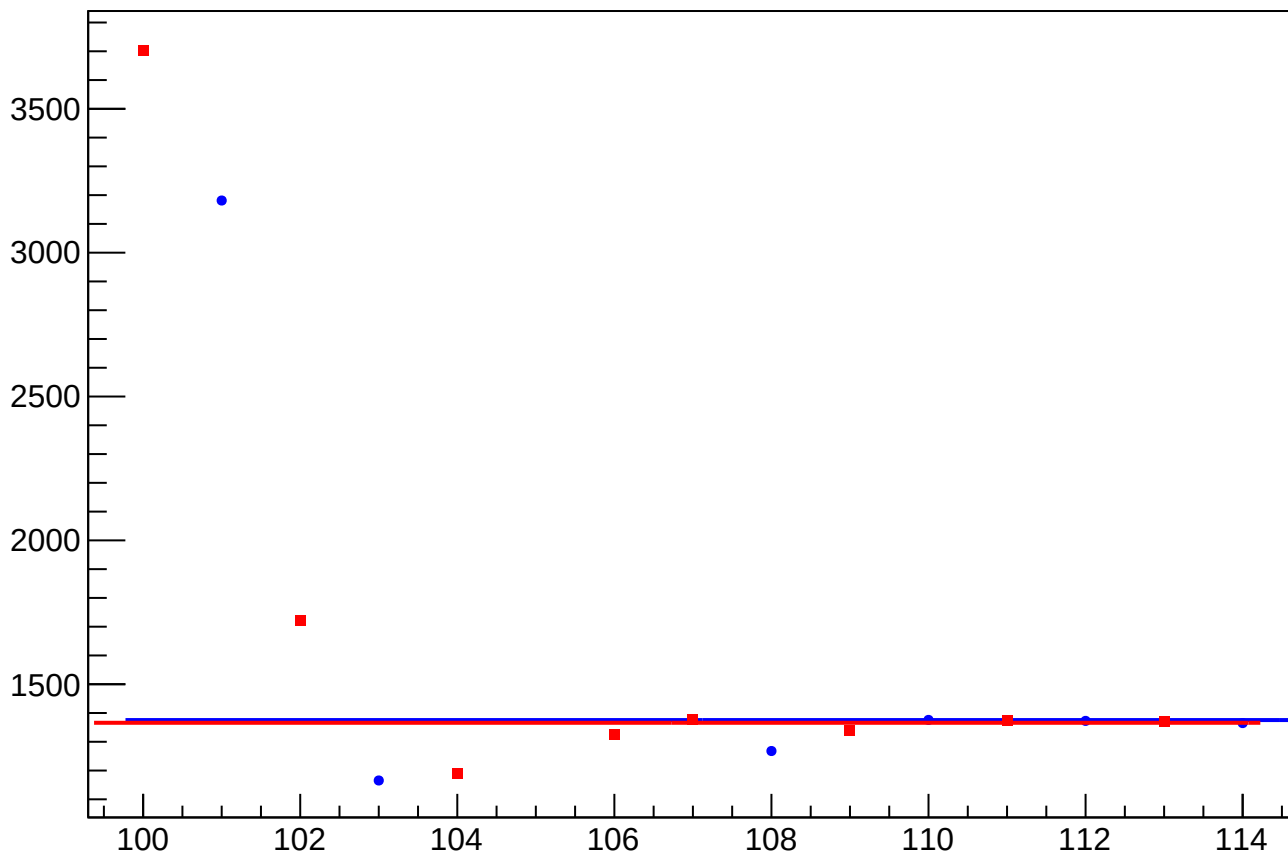
Right: -932.762+/-593.330 χ^2/NDF : 15.9/13

In: -1311.104+/-890.196 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -932.762+/-593.330 χ^2/NDF : 15.9/13

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

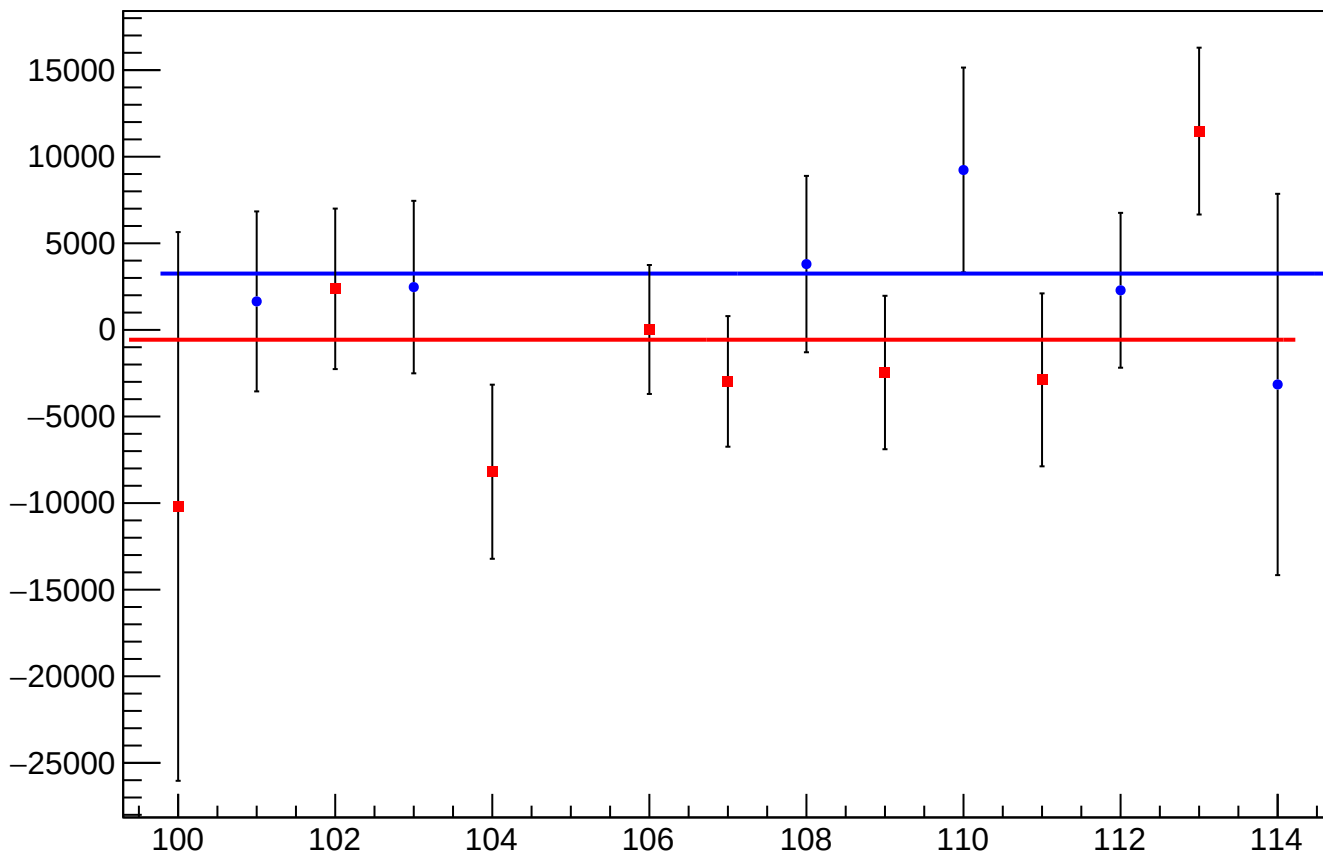
Right: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

In: 1375.457+/-0.629 χ^2/NDF : 465638.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.0/13

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

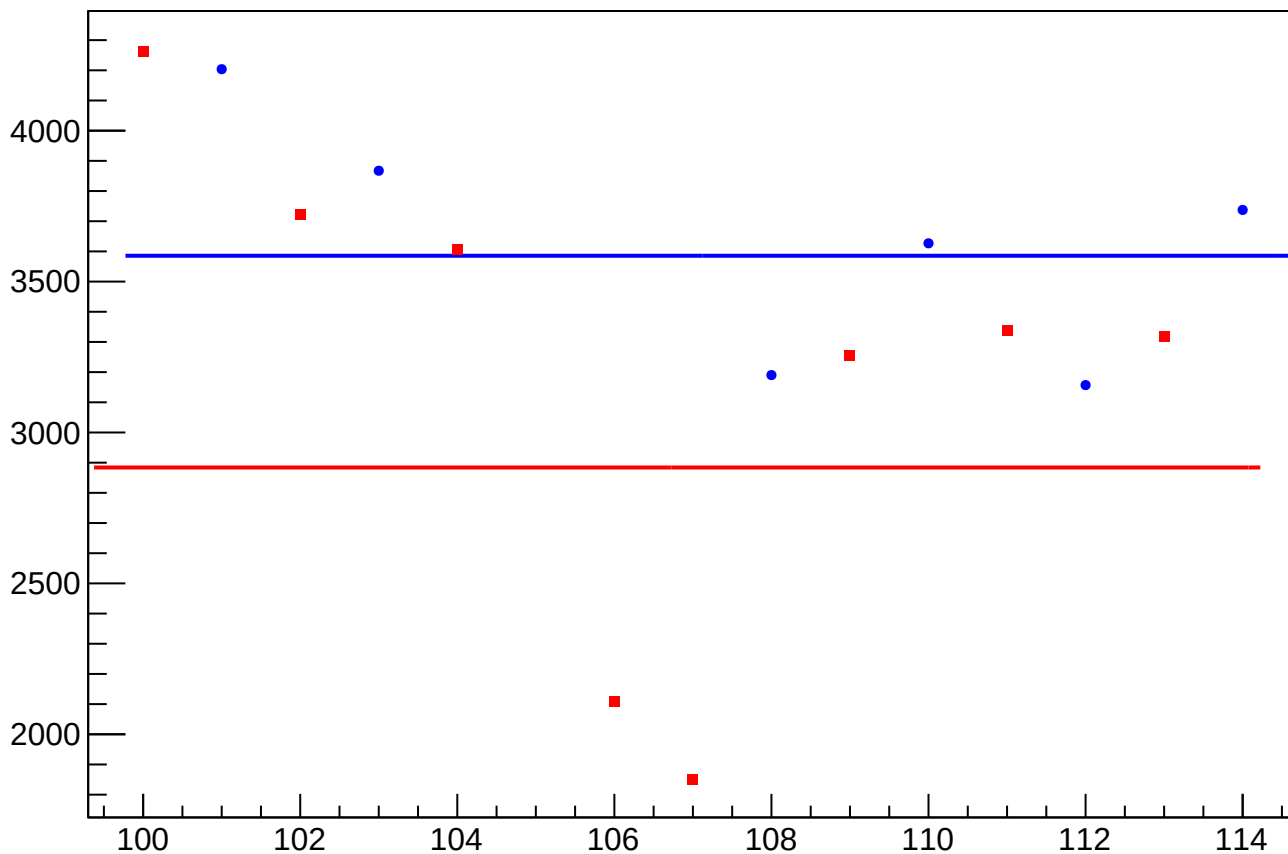
Right: 792.554+/-1325.041 χ^2/NDF : 13.6/13

In: 3252.026+/-2220.632 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.554+/-1325.041 χ^2/NDF : 13.6/13

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

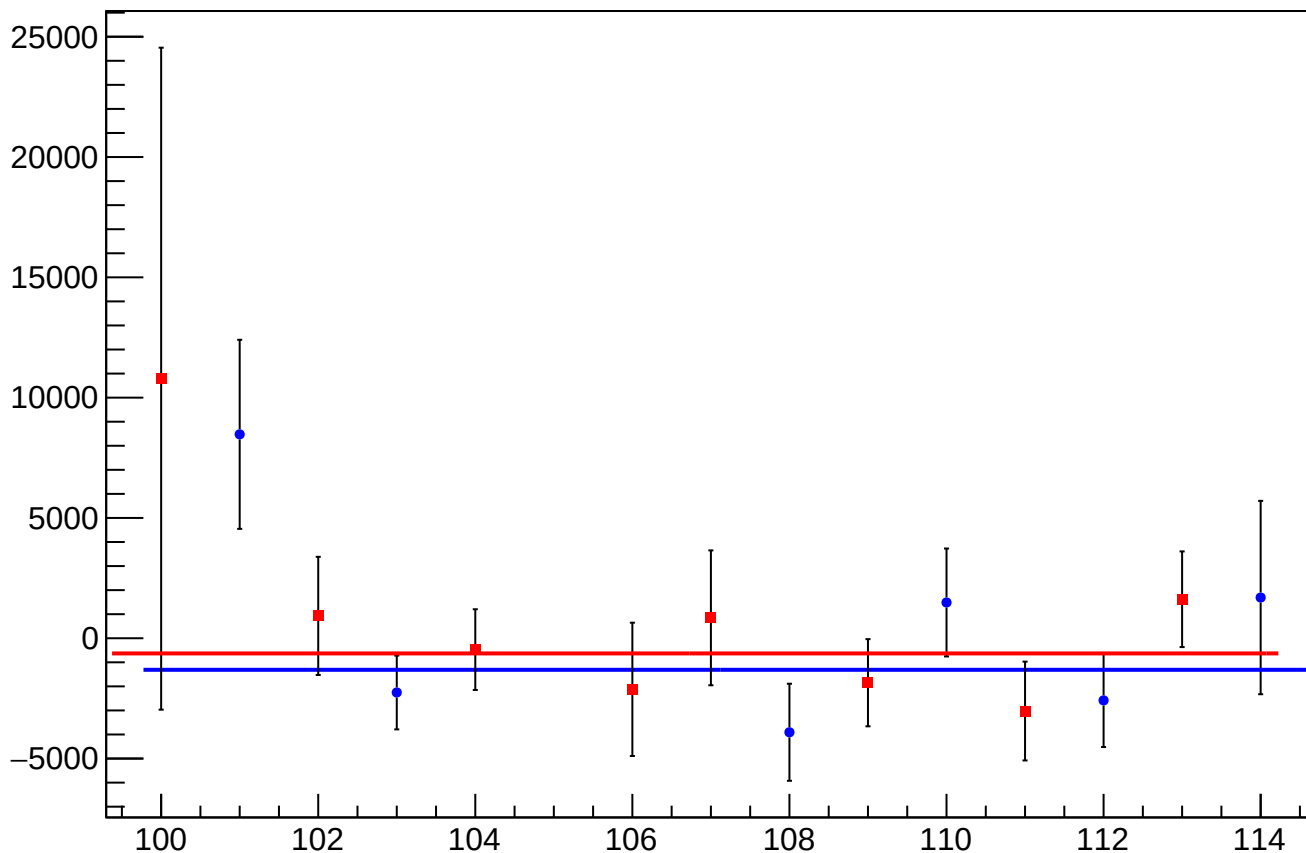
Right: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

In: 3585.578+/-1.570 χ^2/NDF : 65617.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.836+/-0.937 χ^2/NDF : 600454.9/13

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1311.111+/-890.196 χ^2/NDF : 10.8/5

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

Right Out: -630.343+/-795.893 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

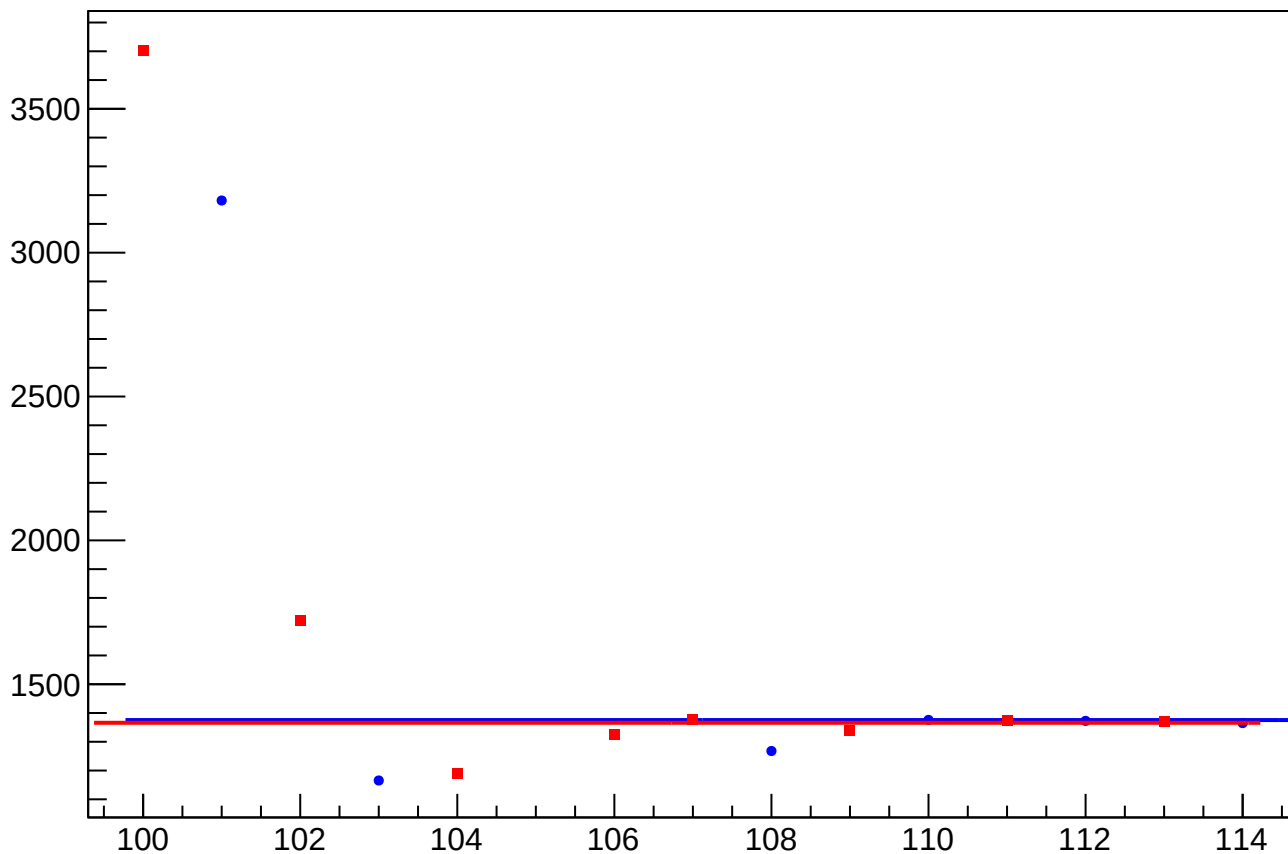
Right: -932.770+/-593.330 χ^2/NDF : 15.9/13

In: -1311.111+/-890.196 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -932.770+/-593.330 χ^2/NDF : 15.9/13

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.457+/-0.629 χ^2/NDF : 465639.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

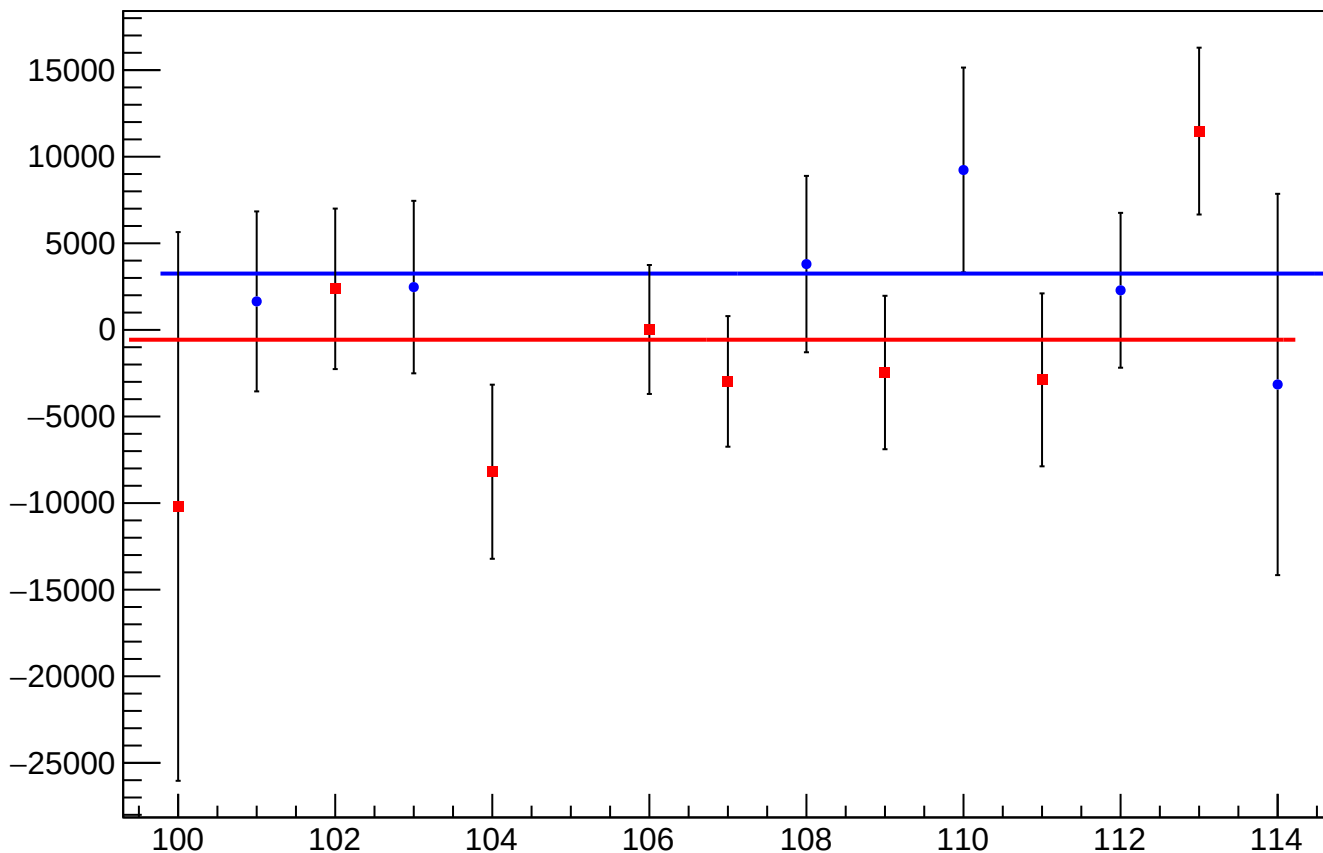
Right: 1370.187+/-0.419 χ^2/NDF : 588253.1/13

In: 1375.457+/-0.629 χ^2/NDF : 465639.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.187+/-0.419 χ^2/NDF : 588253.1/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

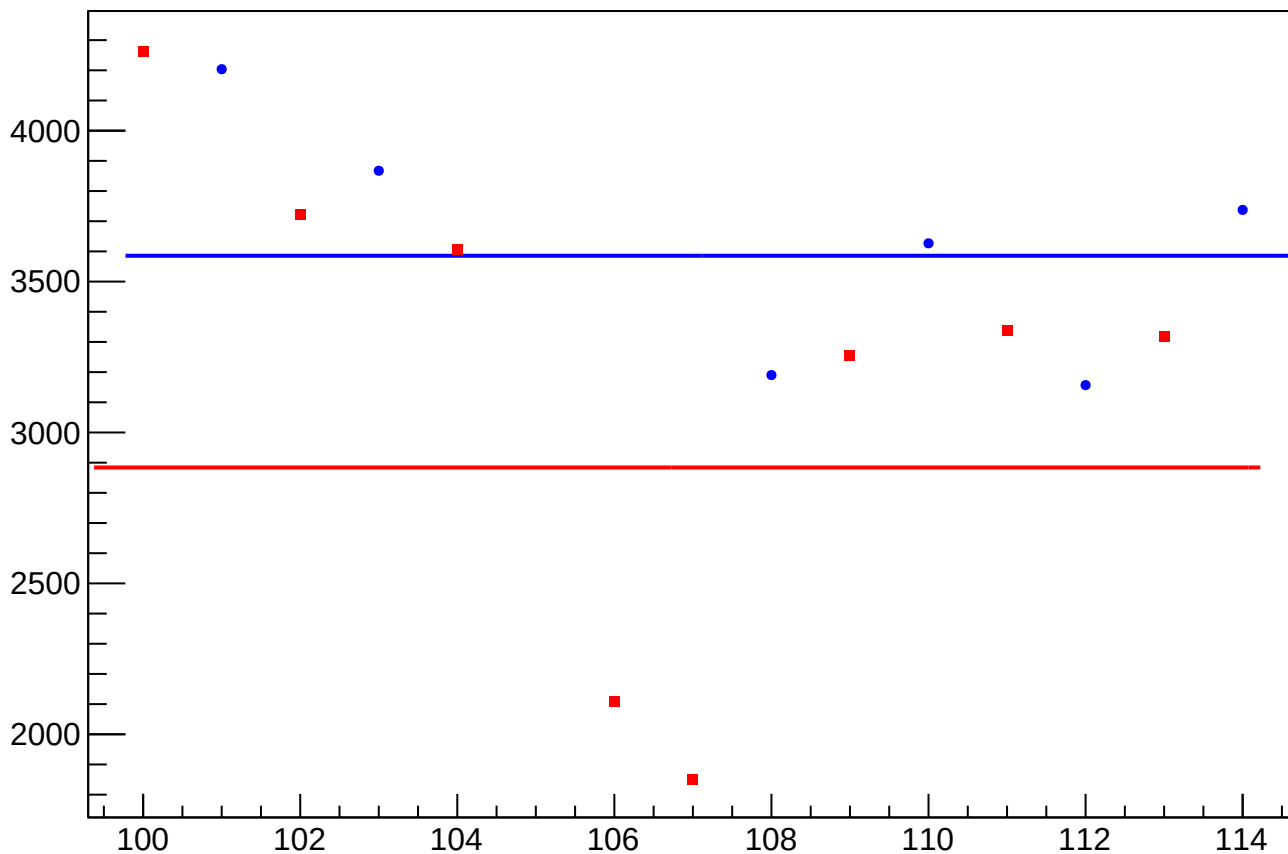
Right: 792.550+/-1325.039 χ^2/NDF : 13.6/13

In: 3252.024+/-2220.628 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.550+/-1325.039 χ^2/NDF : 13.6/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3585.572+/-1.570 χ^2/NDF : 65618.8/5

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

Right Out: 2884.060+/-1.168 χ^2/NDF : 406310.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

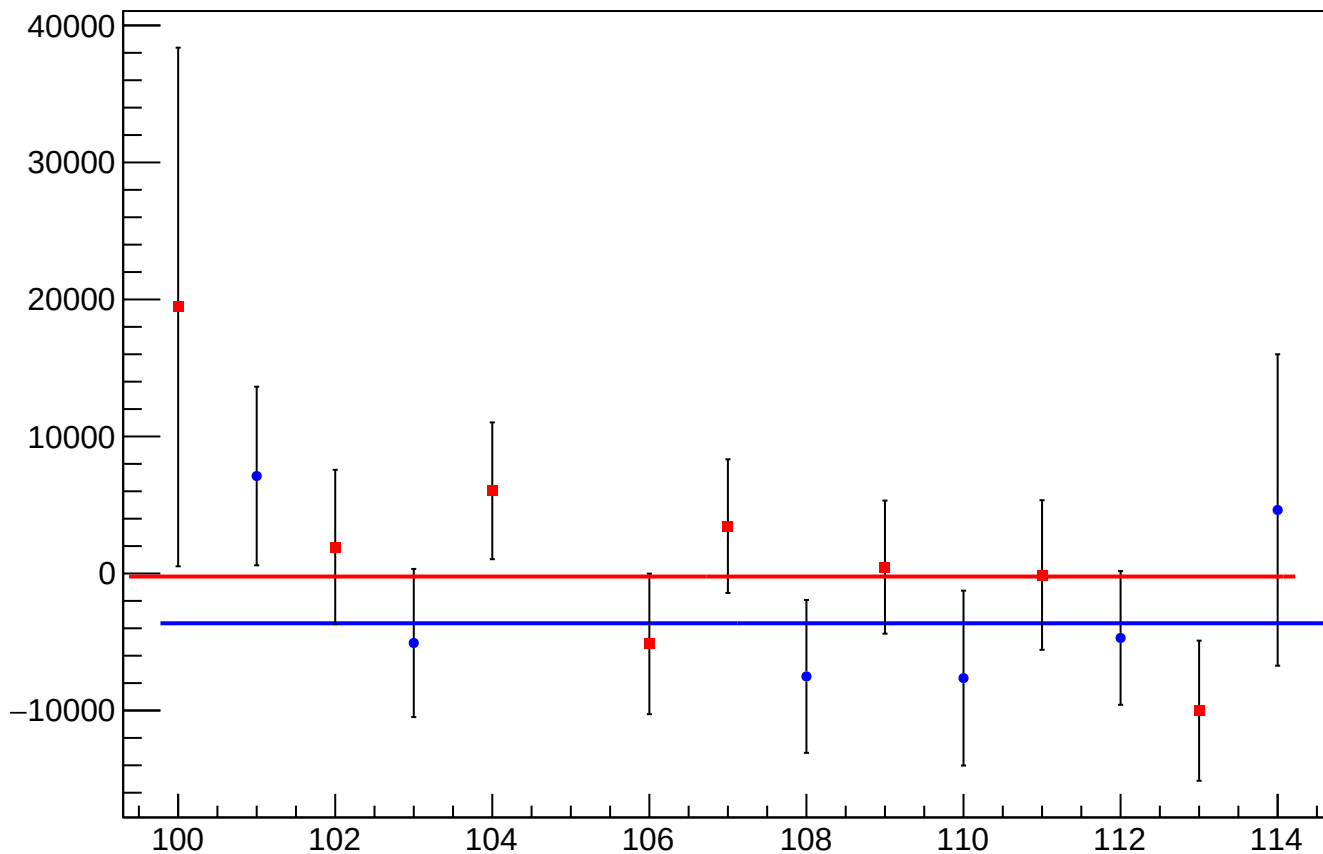
Right: 3133.831+/-0.937 χ^2/NDF : 600458.9/13

In: 3585.572+/-1.570 χ^2/NDF : 65618.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.831+/-0.937 χ^2/NDF : 600458.9/13

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

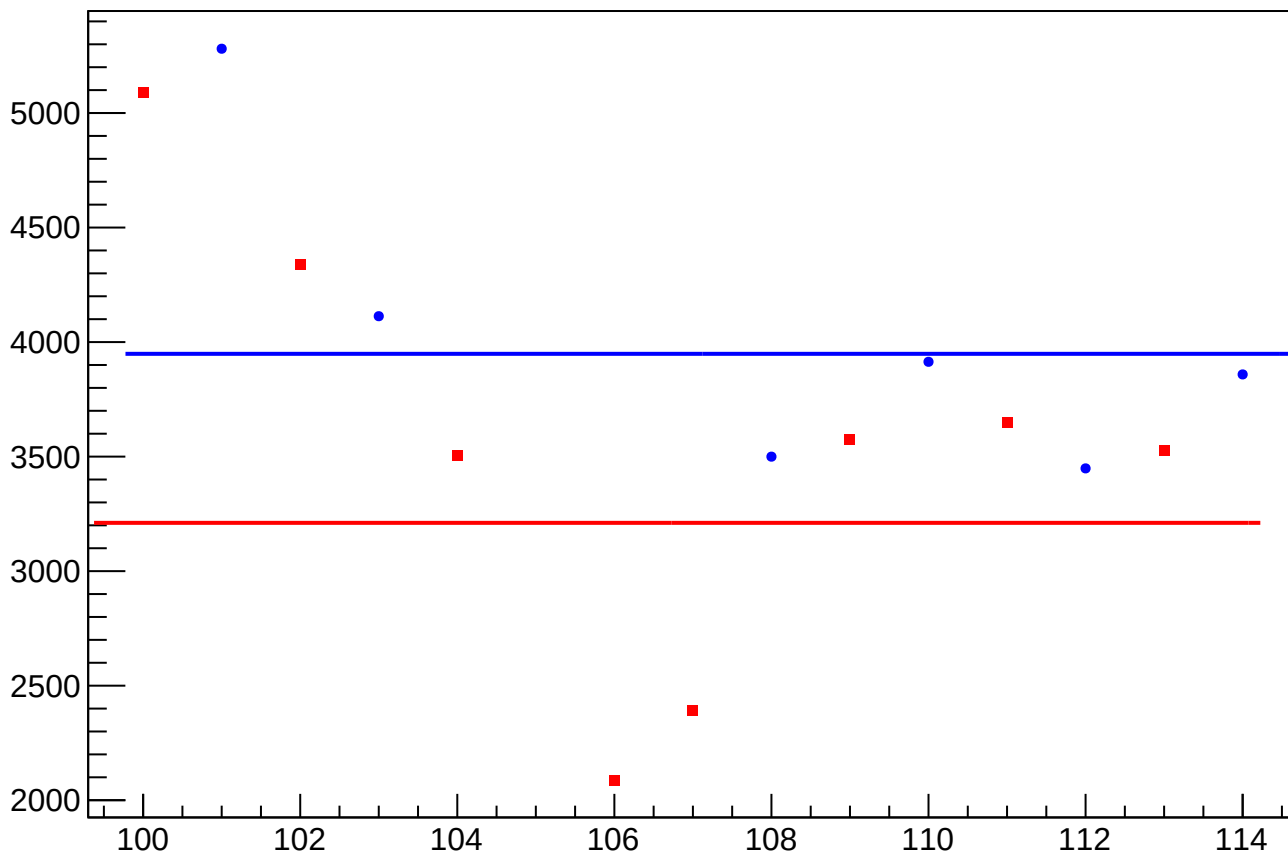
Right: -1515.860+/-1519.956 χ^2/NDF : 13.4/13

In: -3633.662+/-2467.984 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1515.860+/-1519.956 χ^2/NDF : 13.4/13

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

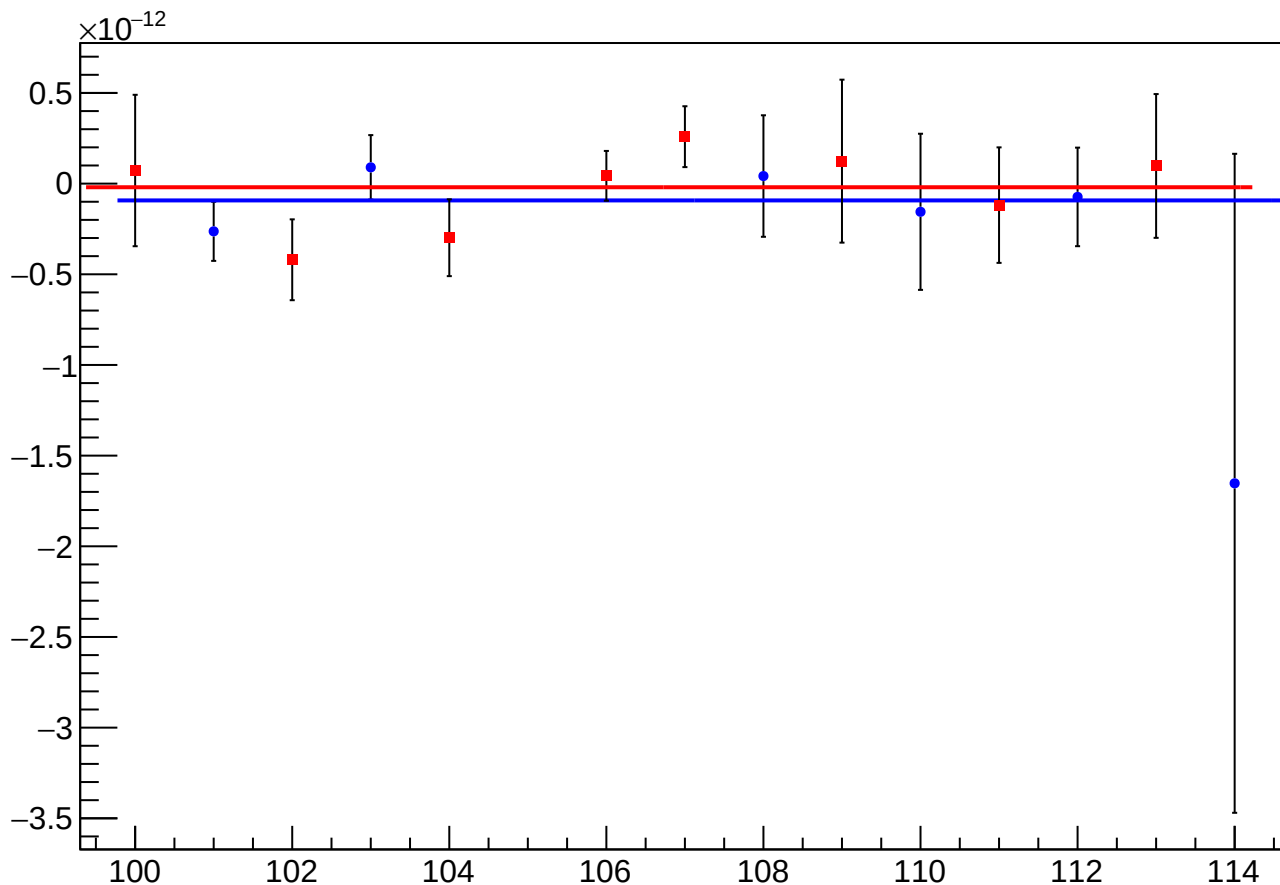
Right: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

In: 3948.725+/-1.745 χ^2/NDF : 119507.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3481.001+/-1.056 χ^2/NDF : 562471.0/13

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

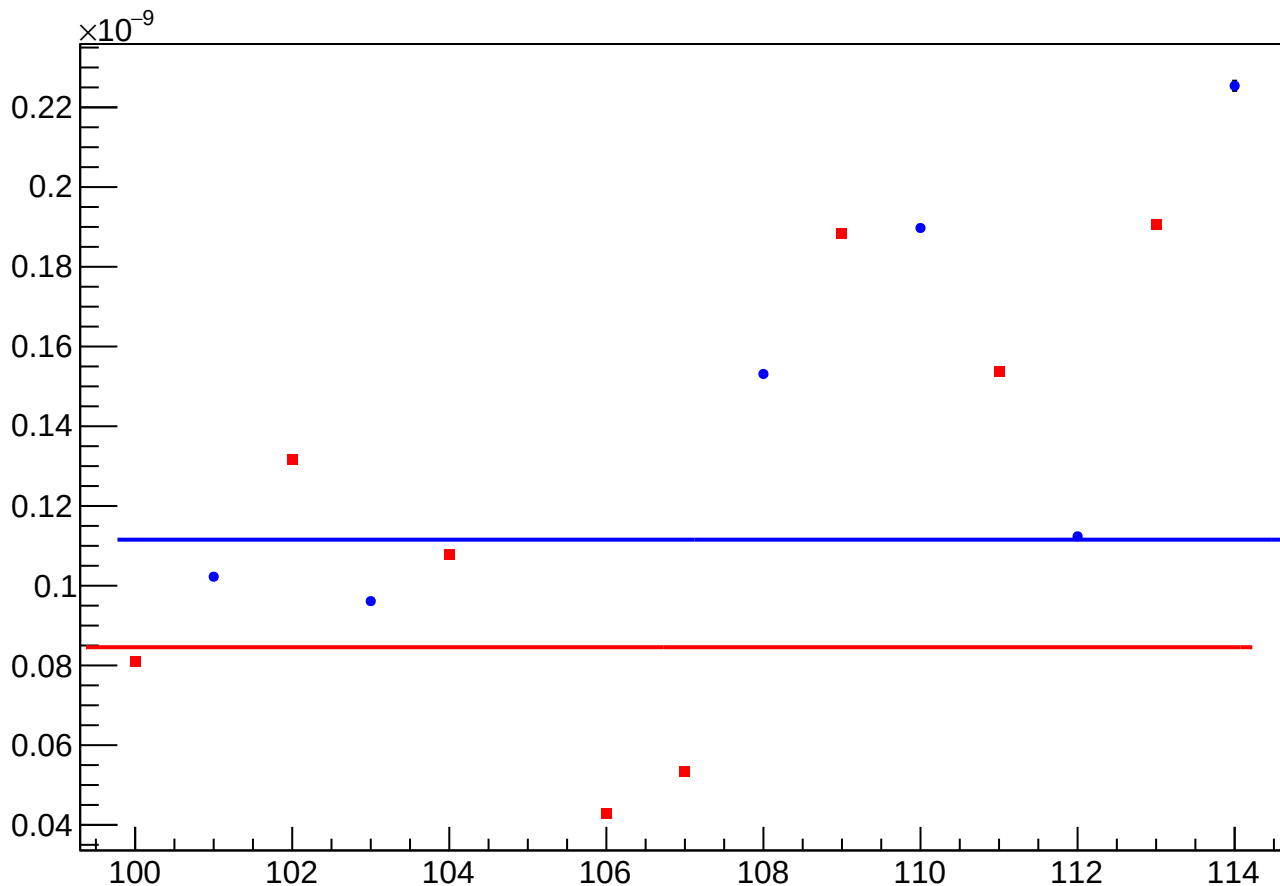
Right: -0.000+/-0.000 χ^2 /NDF: 11.6/13

In: -0.000+/-0.000 χ^2 /NDF:3.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/13

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

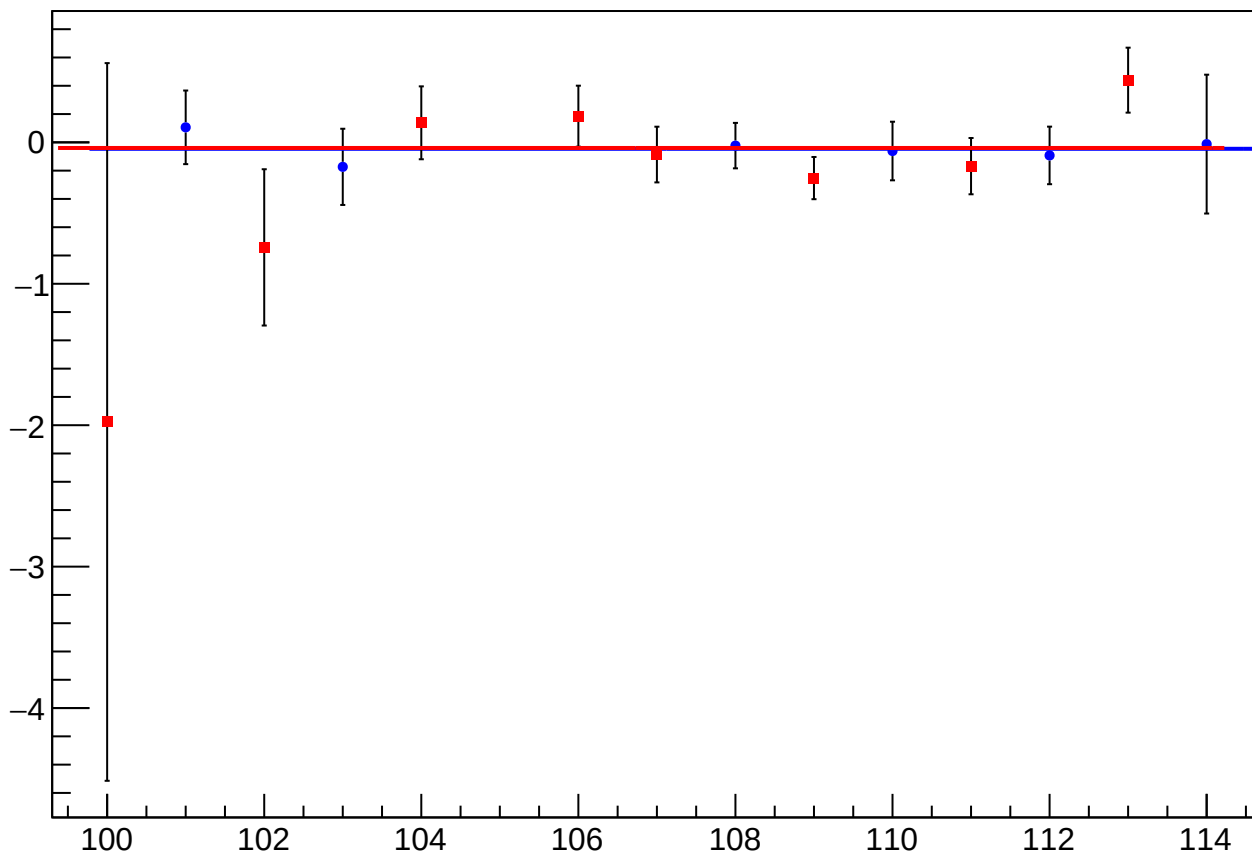
Right: 0.000+/-0.000 χ^2/NDF : 924478.5/13

In: 0.000+/-0.000 χ^2/NDF : 126180.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 924478.5/13

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

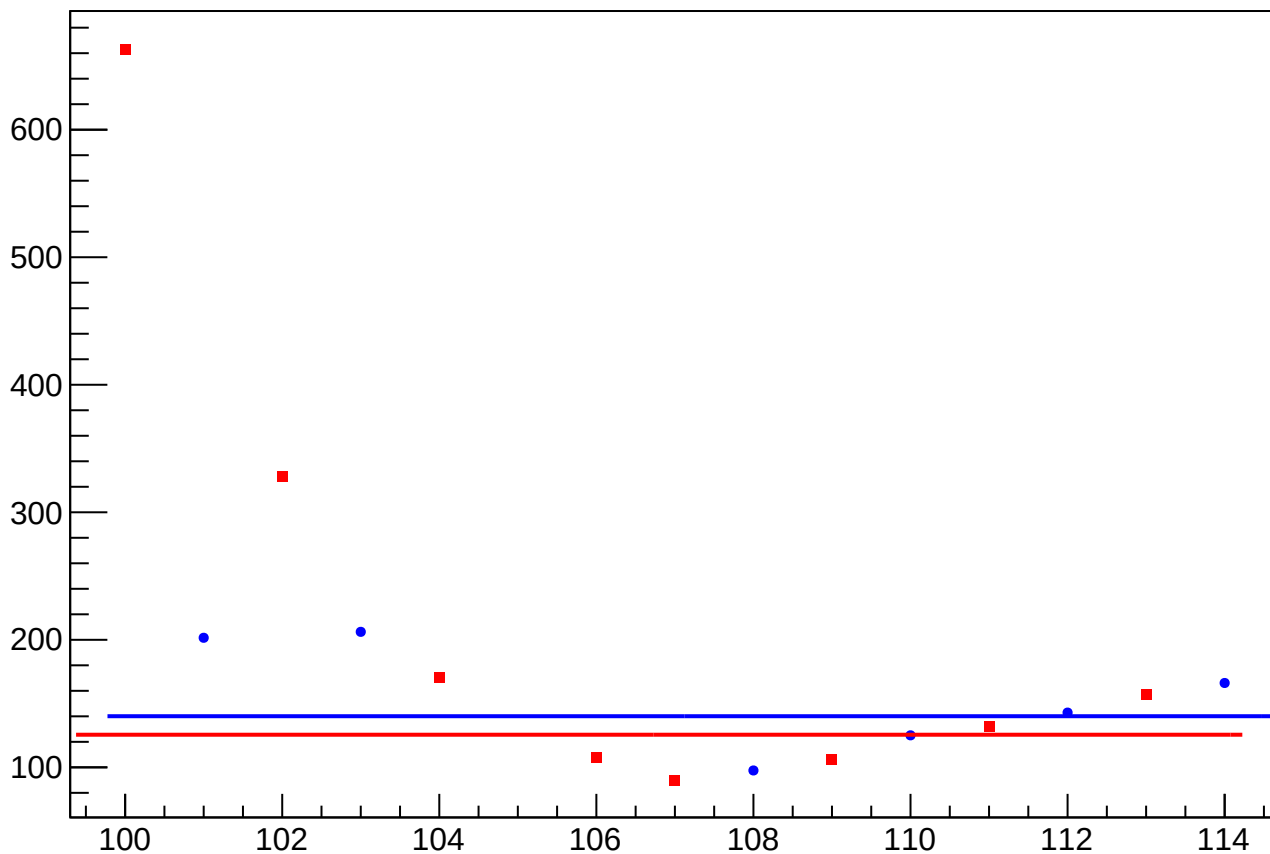
Right: -0.042+/-0.060 χ^2/NDF : 11.3/13

In: -0.046+/-0.092 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.060 χ^2/NDF : 11.3/13

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

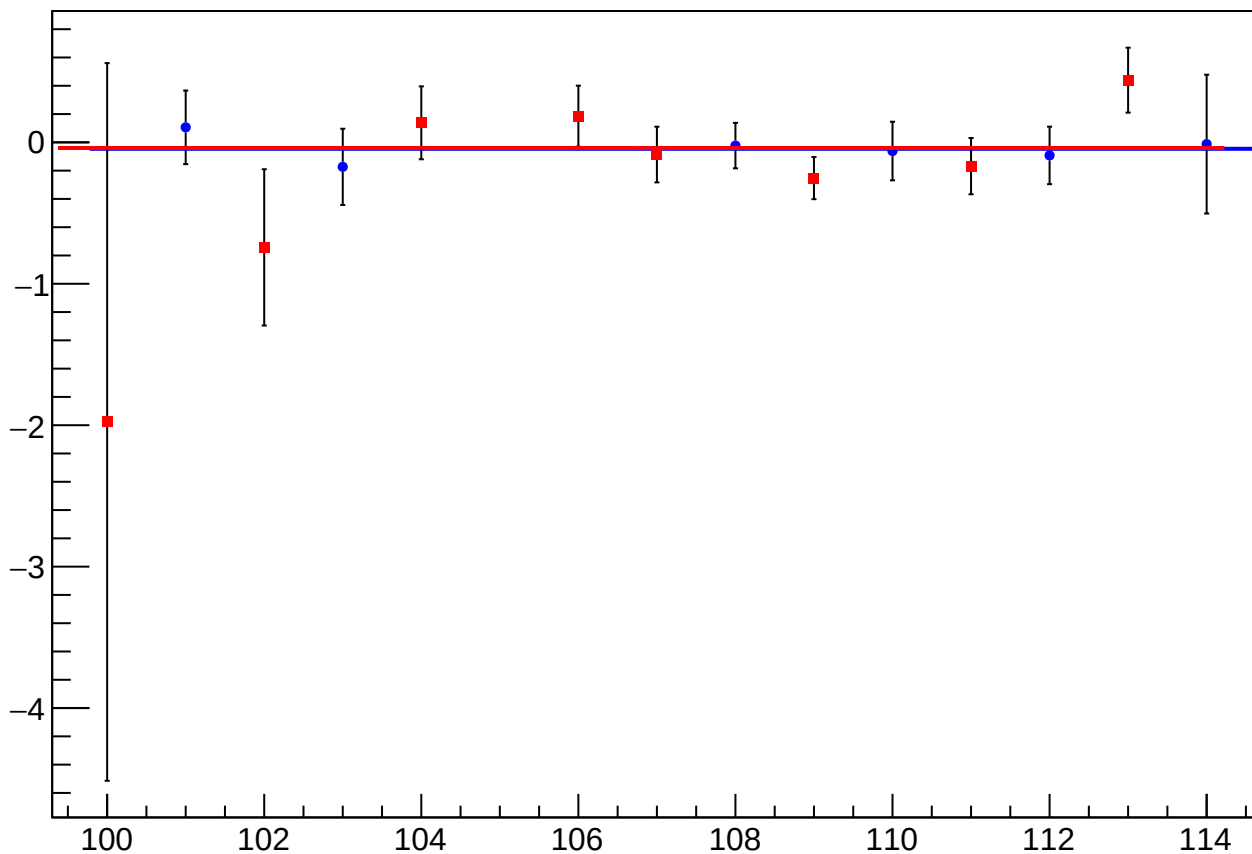
Right: 131.877+/-0.043 χ^2/NDF : 990196.8/13

In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

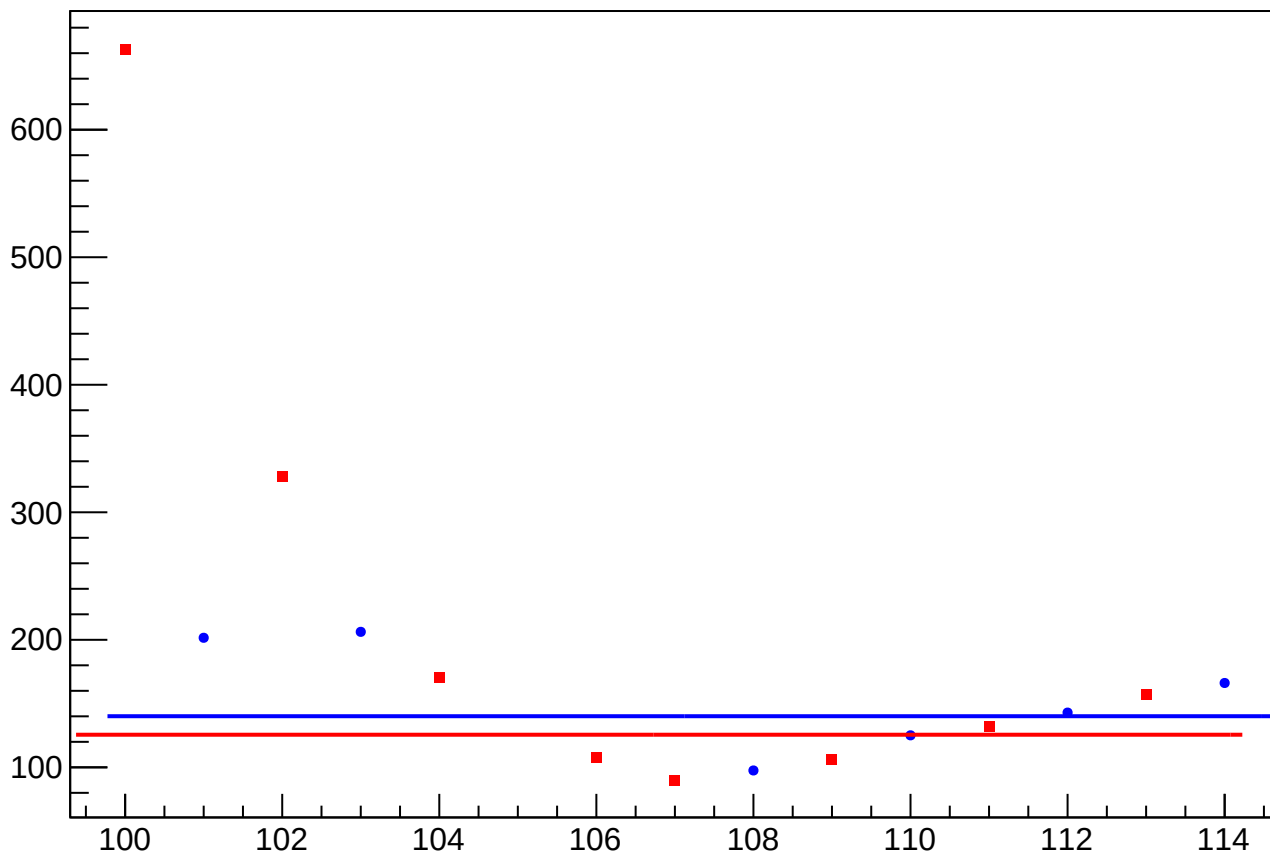
Right: -0.042+/-0.060 χ^2 /NDF: 11.3/13

In: -0.046+/-0.092 χ^2 /NDF:0.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.042+/-0.060 χ^2 /NDF: 11.3/13

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

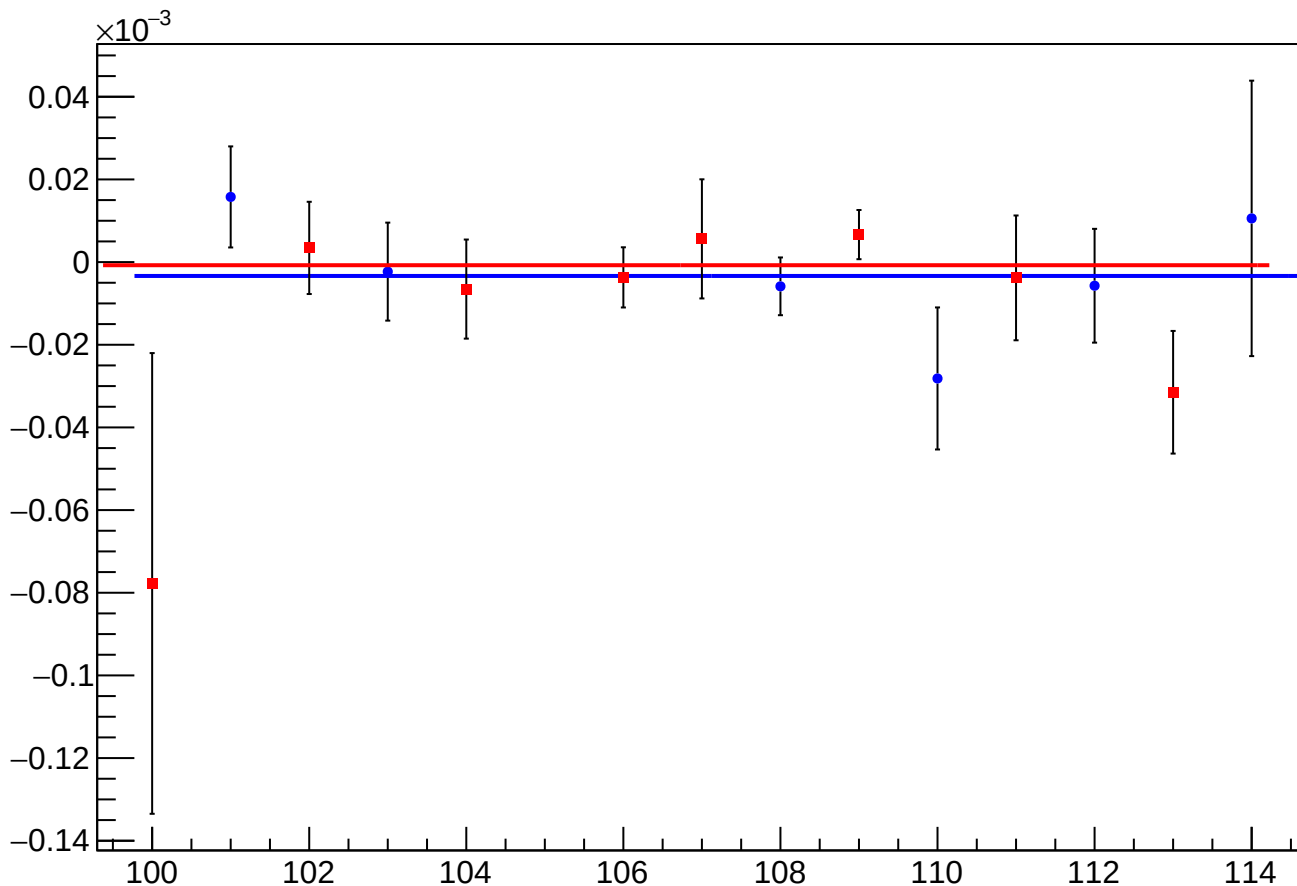
Right: 131.877+/-0.043 χ^2/NDF : 990196.8/13

In: 140.090+/-0.065 χ^2/NDF : 389015.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.877+/-0.043 χ^2/NDF : 990196.8/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

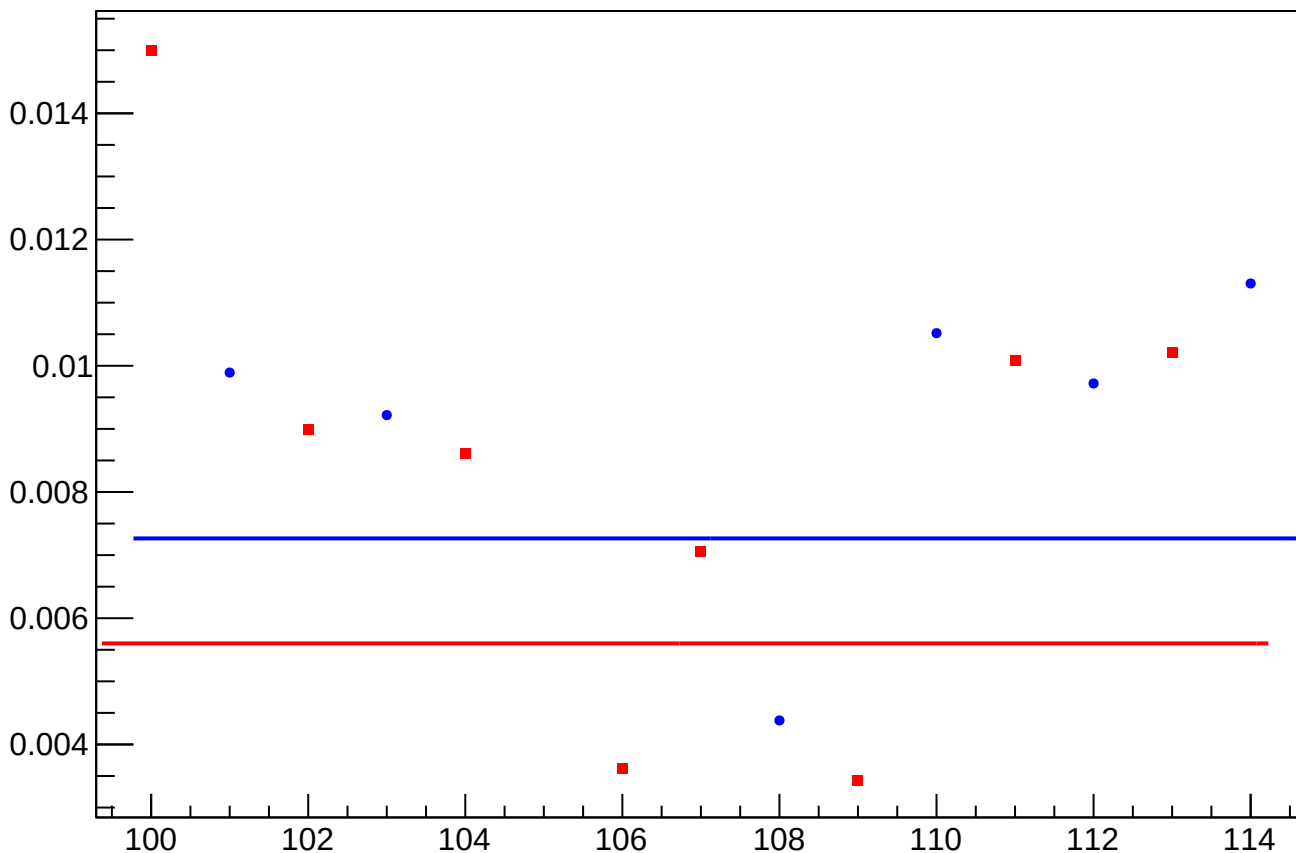
Right: -0.000+/-0.000 χ^2/NDF : 13.6/13

In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

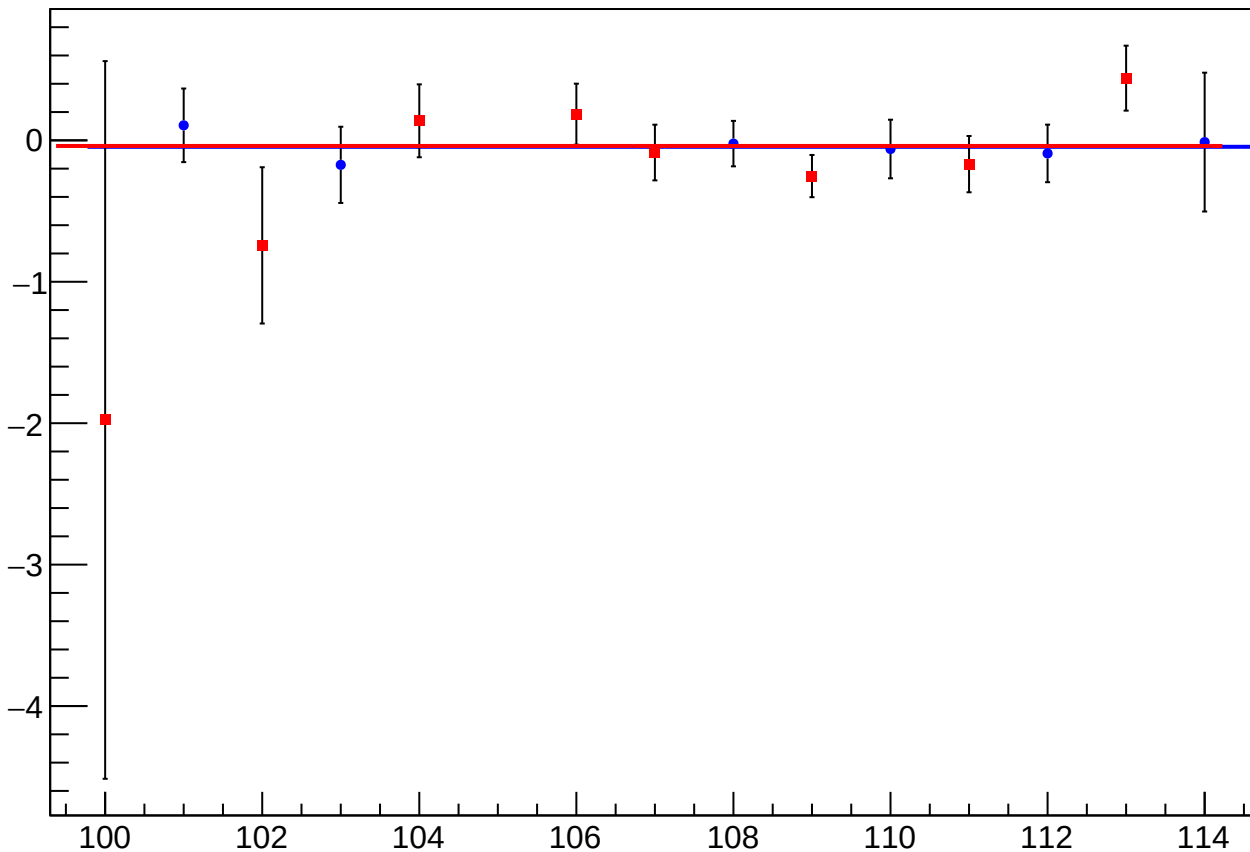
Right: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

In: 0.007+/-0.000 χ^2/NDF :652407.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1980140.7/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

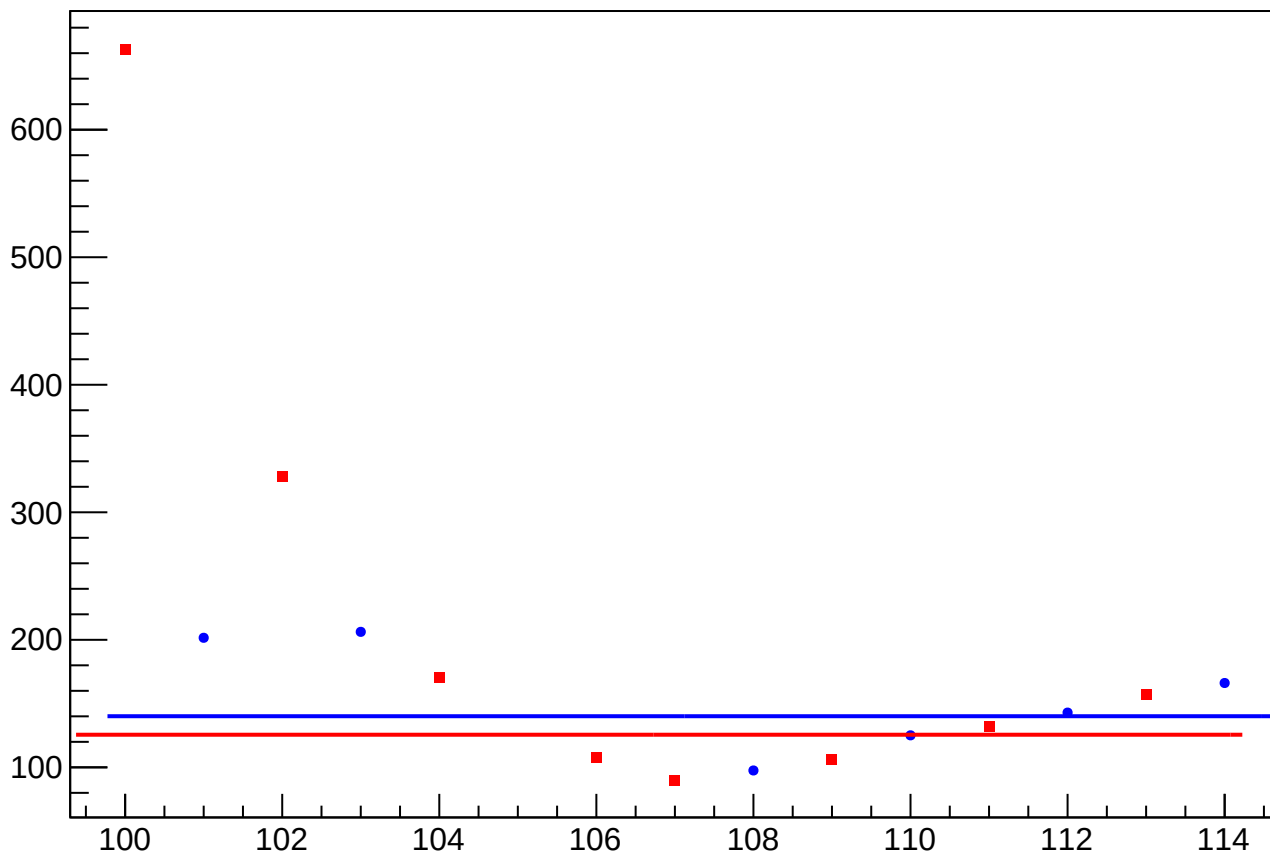
Right: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

In: -0.046 $\pm$ 0.092 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

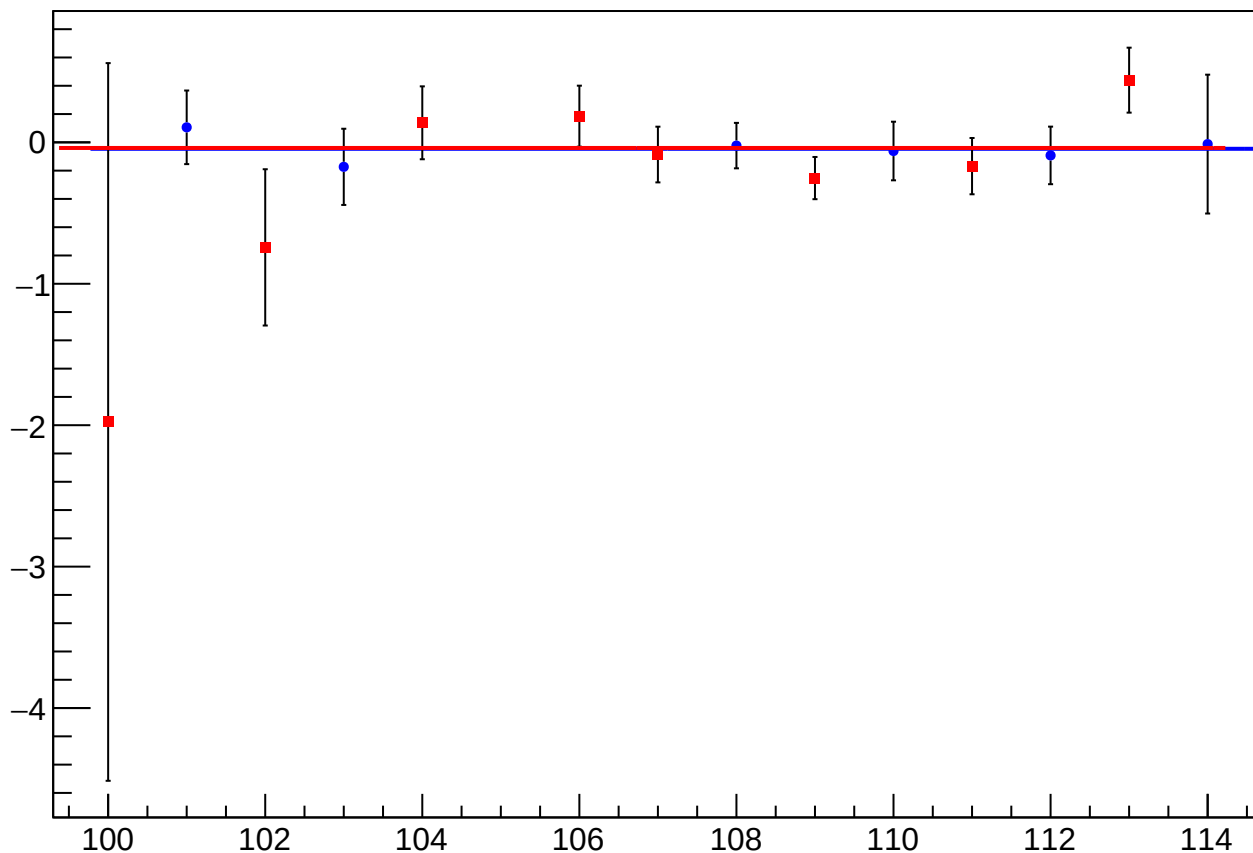
Right: 131.879+/-0.043 χ^2/NDF : 990107.2/13

In: 140.091+/-0.065 χ^2/NDF :388974.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

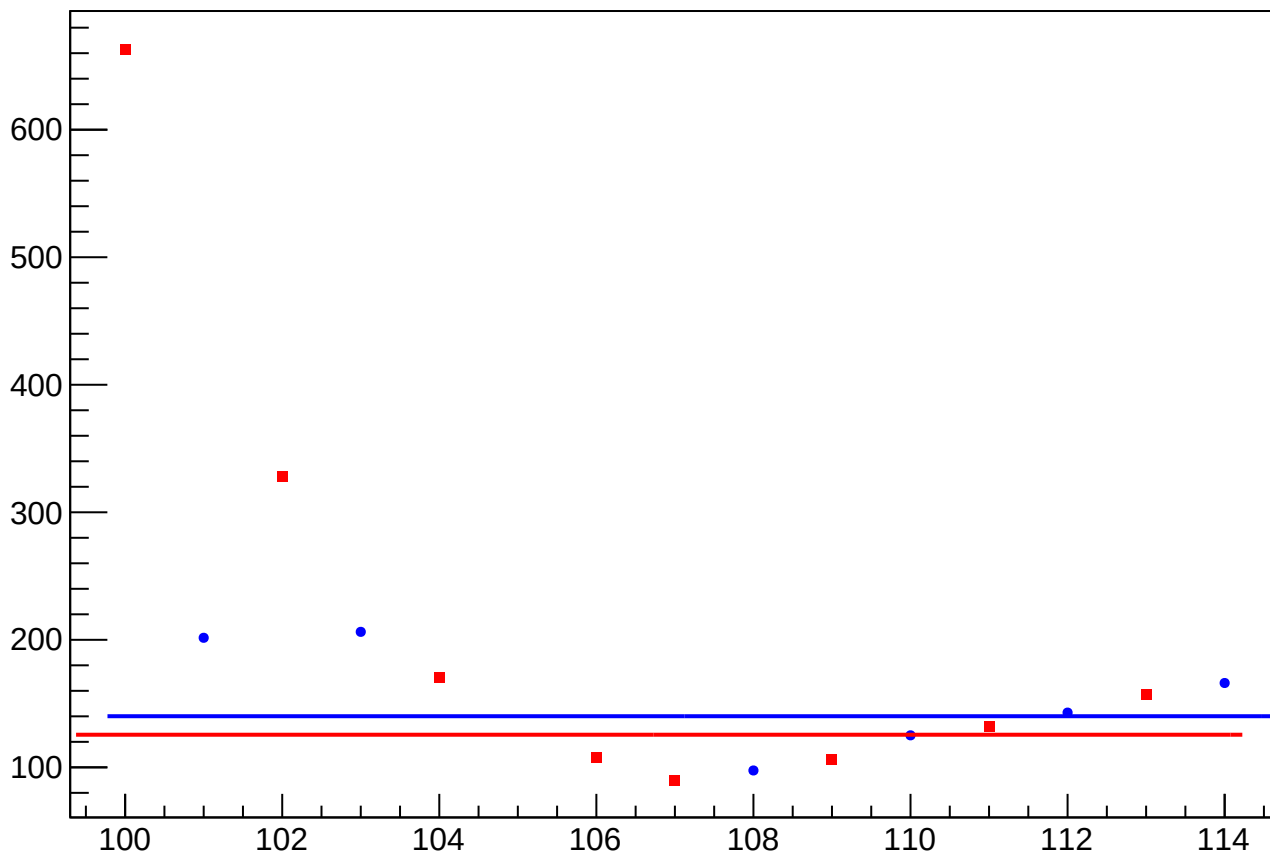
Right: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

In: -0.046 $\pm$ 0.092 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.060 χ^2 /NDF: 11.3/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

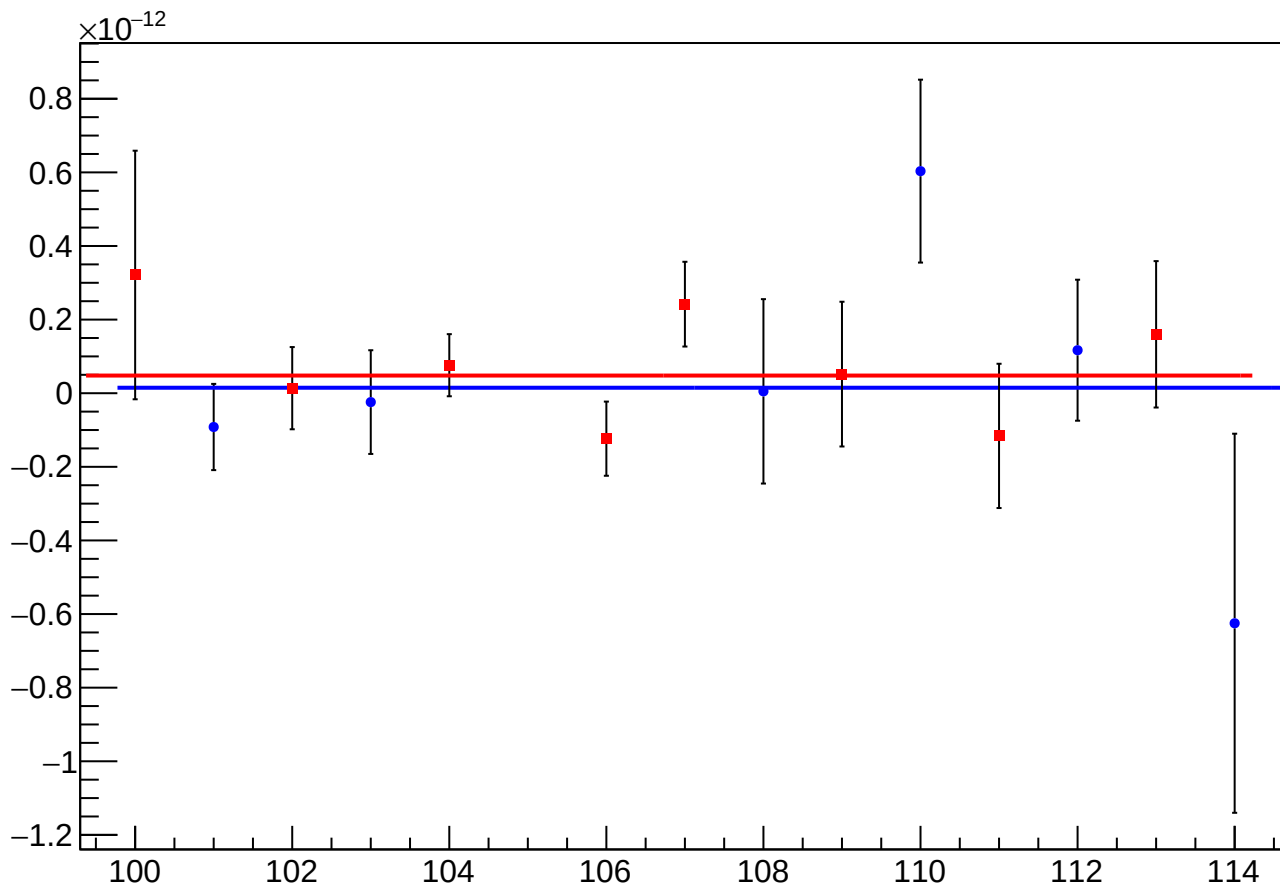
Right: 131.879+/-0.043 χ^2/NDF : 990107.2/13

In: 140.091+/-0.065 χ^2/NDF : 388974.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.879+/-0.043 χ^2/NDF : 990107.2/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

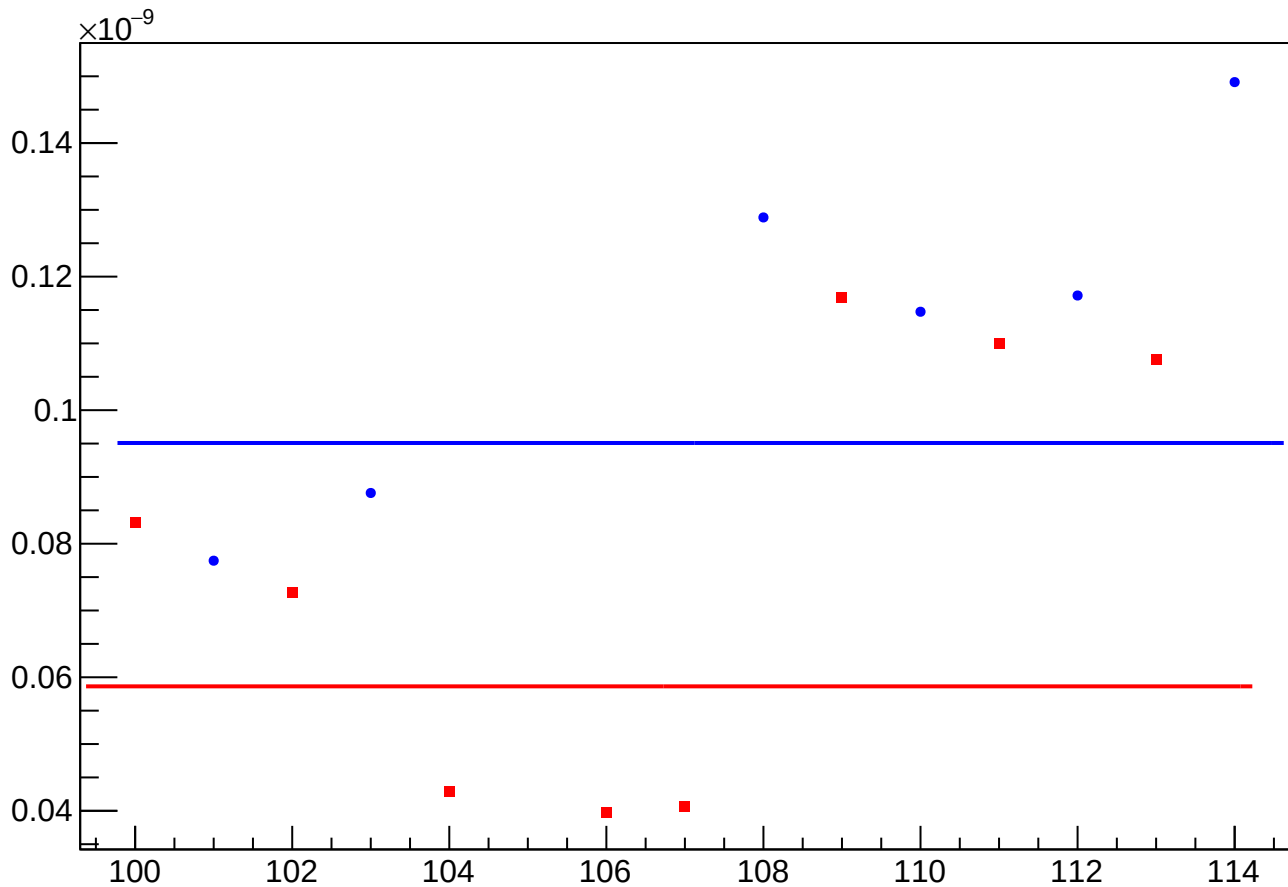
Right: 0.000+/-0.000 χ^2/NDF : 16.1/13

In: 0.000+/-0.000 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/13

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

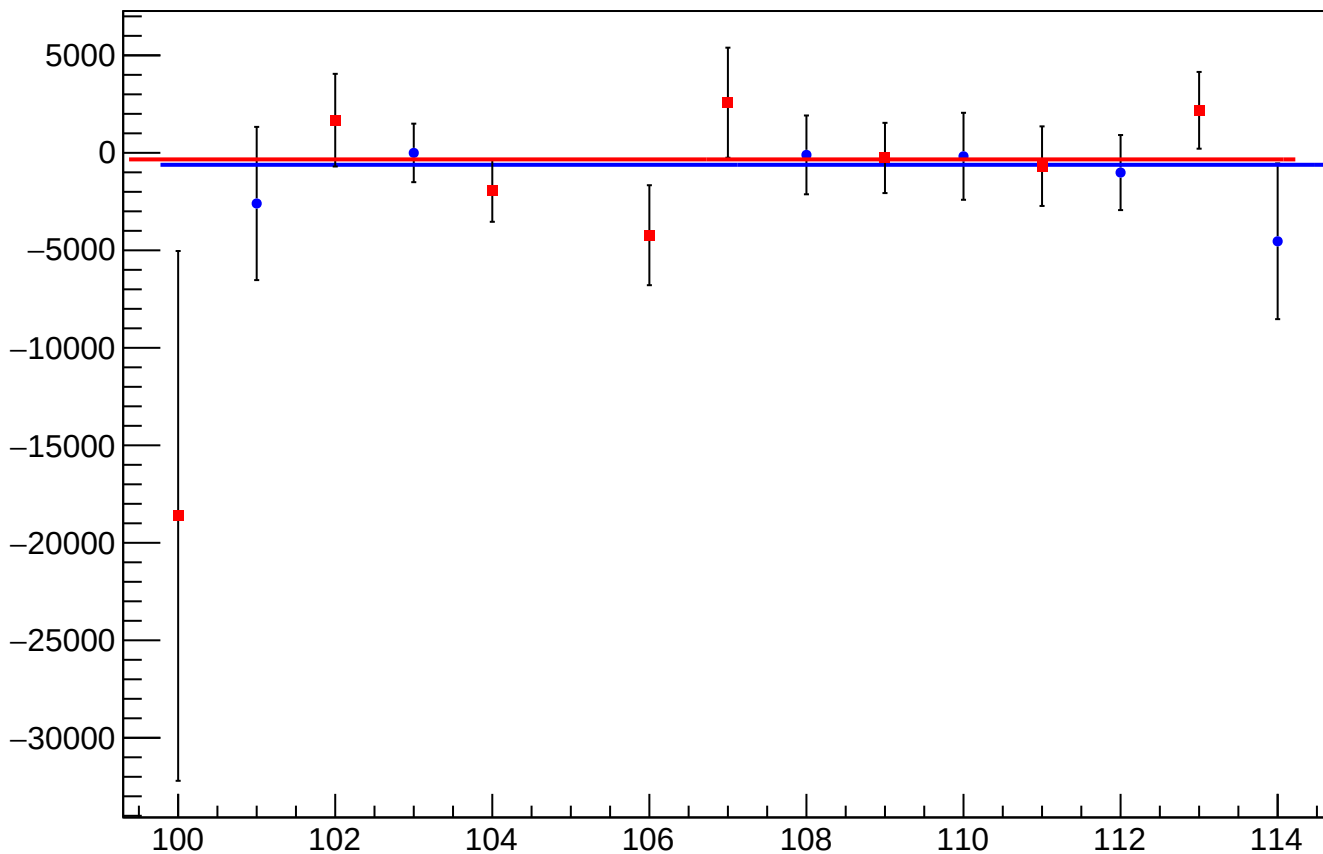
Right: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

In: 0.000+/-0.000 χ^2/NDF : 148447.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1170533.4/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

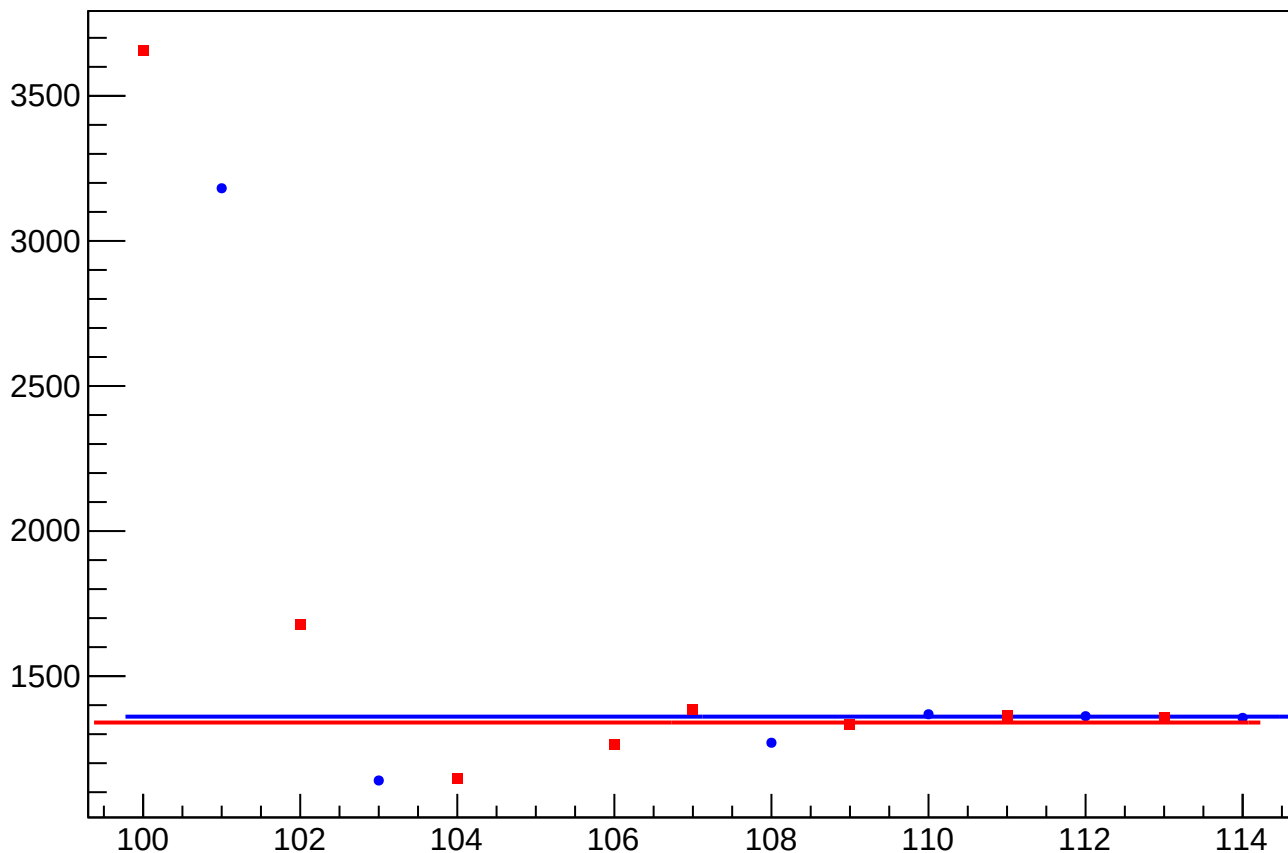
Right: -457.212+/-582.944 χ^2/NDF : 10.1/13

In: -612.843+/-881.285 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.212+/-582.944 χ^2/NDF : 10.1/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.402+/-0.623 χ^2/NDF : 476807.1/5

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

Right Out: 1340.093+/-0.550 χ^2/NDF : 129502.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

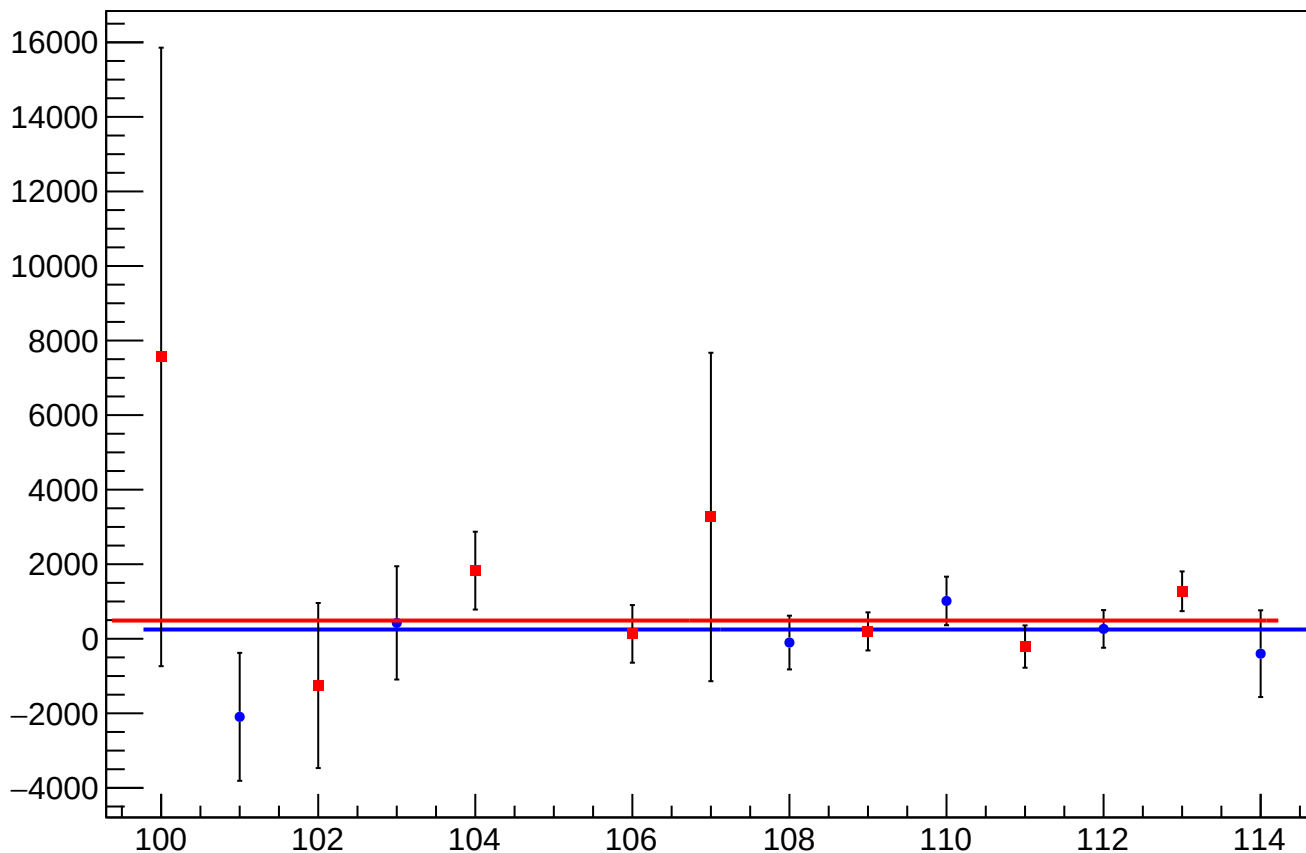
Right: 1348.979+/-0.412 χ^2/NDF : 606907.0/13

In: 1360.402+/-0.623 χ^2/NDF : 476807.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.979+/-0.412 χ^2/NDF : 606907.0/13

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 248.309+/-320.917 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.238+/-274.020 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

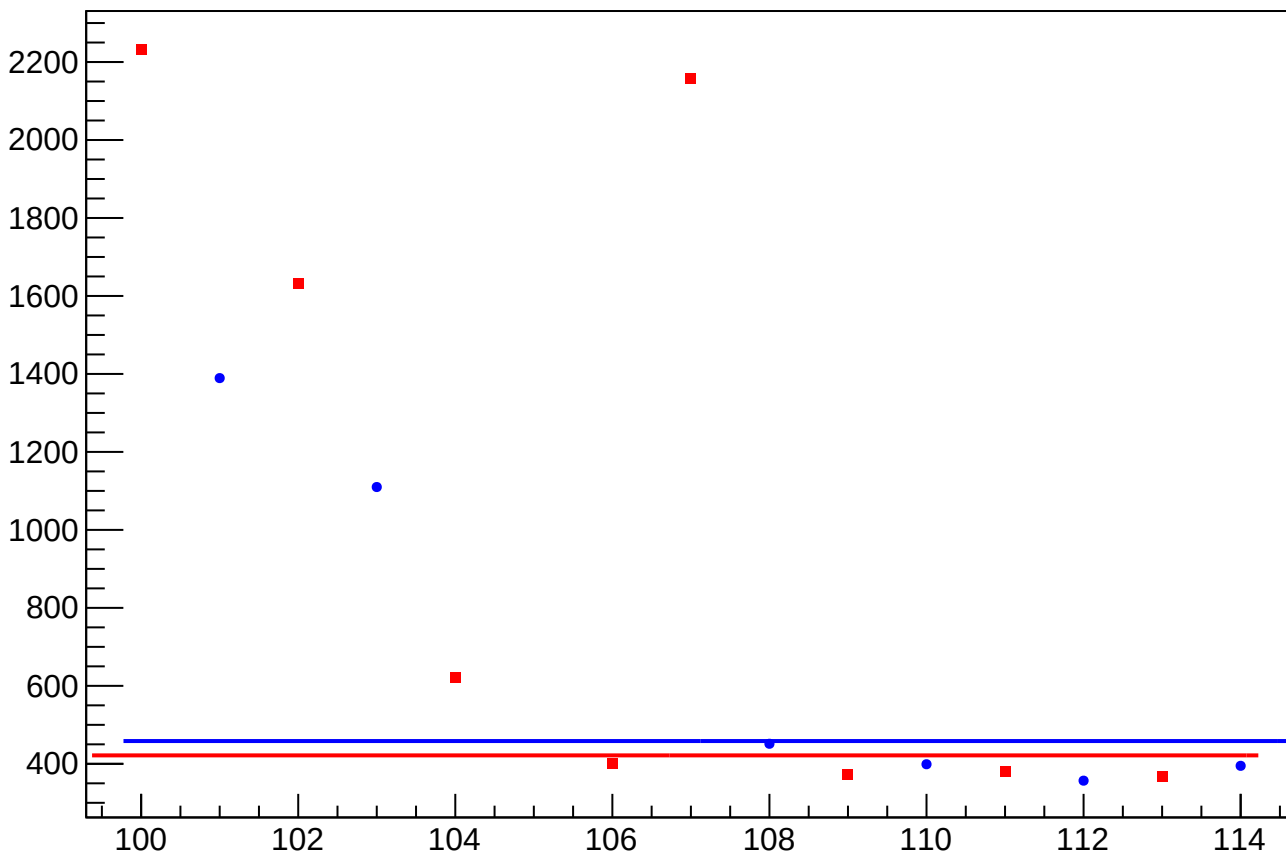
Right: 387.648+/-208.389 χ^2/NDF : 11.7/13

In: 248.309+/-320.917 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.648+/-208.389 χ^2/NDF : 11.7/13

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

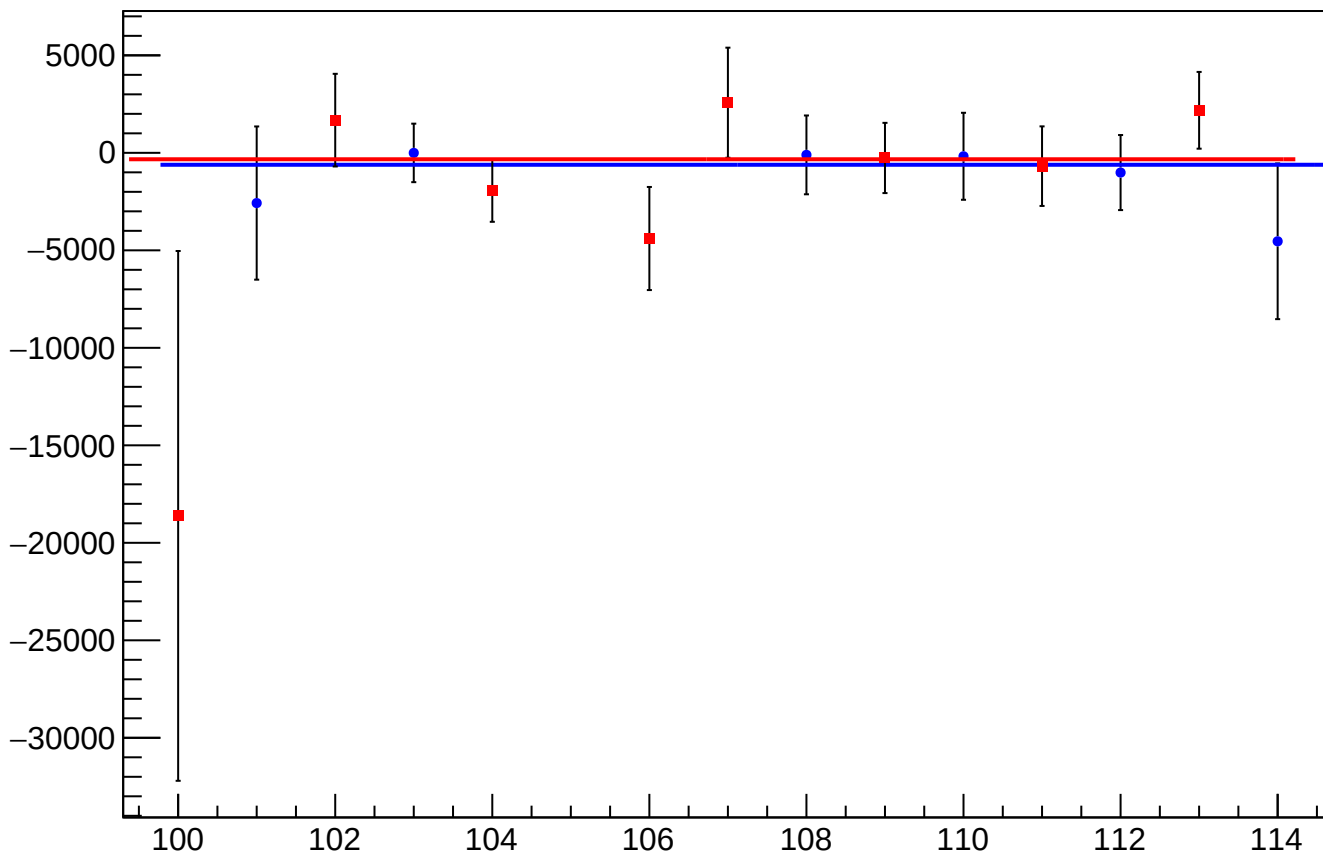
Right: 437.171+/-0.147 χ^2/NDF : 2203417.4/13

In: 458.435+/-0.227 χ^2/NDF : 1059914.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.171+/-0.147 χ^2/NDF : 2203417.4/13

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

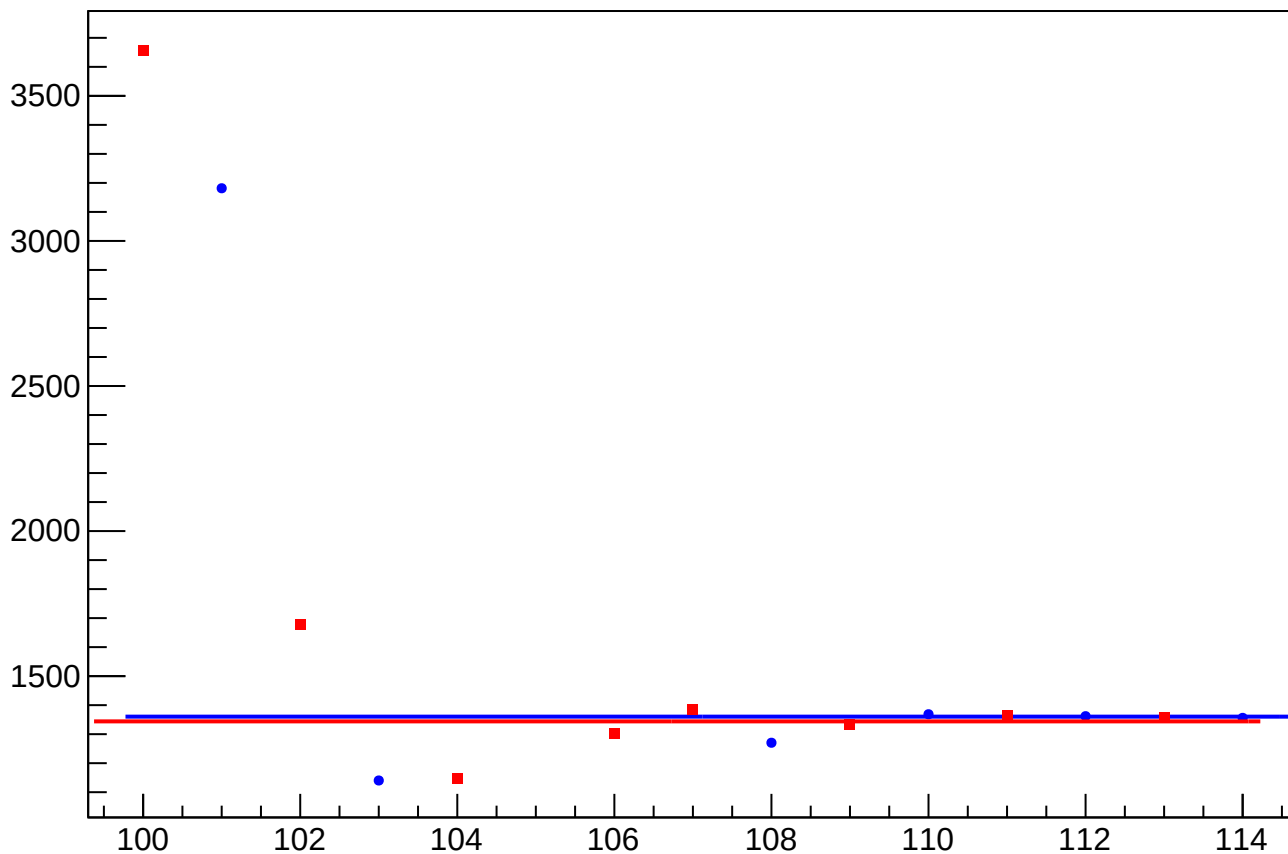
Right: -453.266+/-583.848 χ^2/NDF : 10.2/13

In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.266+/-583.848 χ^2/NDF : 10.2/13

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.402+/-0.623 χ^2/NDF : 476808.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

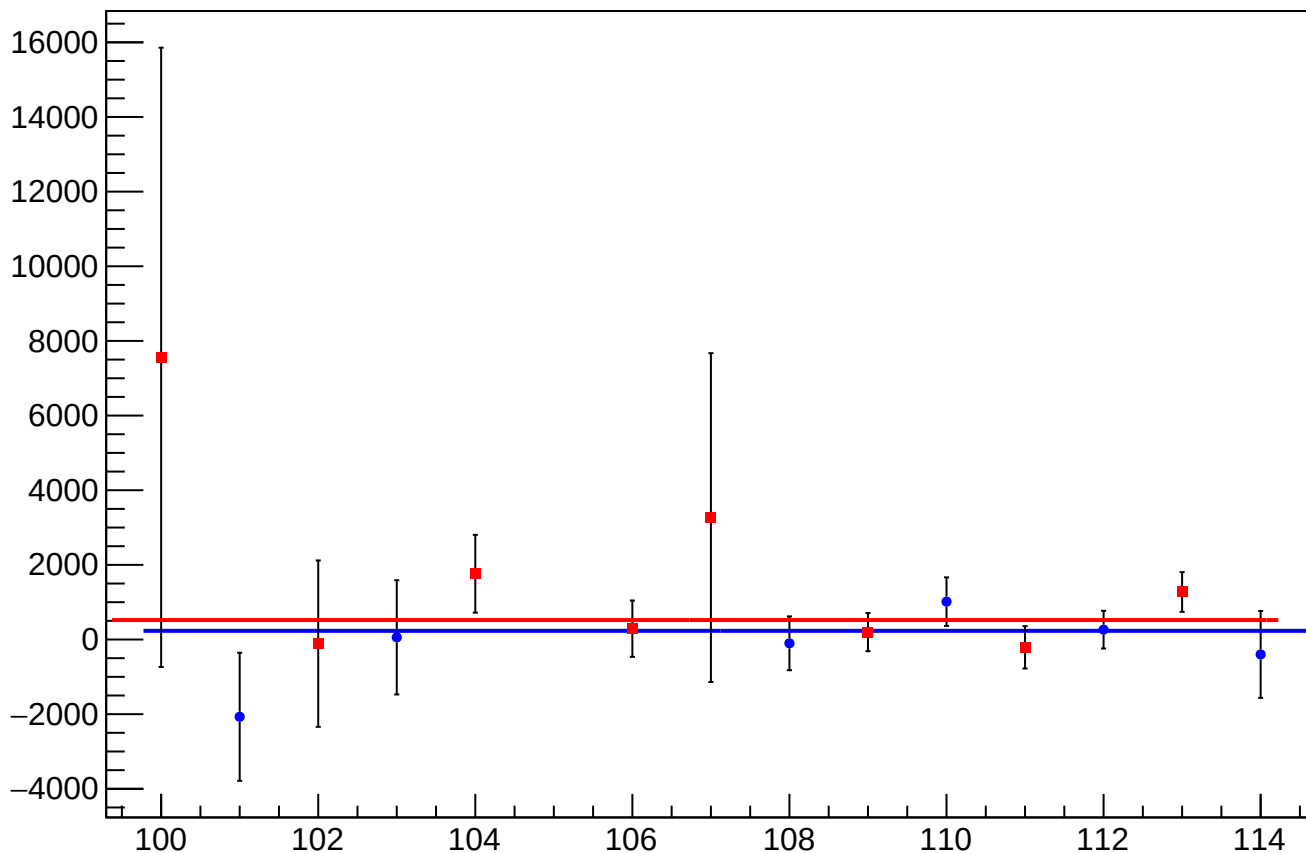
Right: 1351.234+/-0.413 χ^2/NDF : 605215.4/13

In: 1360.402+/-0.623 χ^2/NDF : 476808.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.234+/-0.413 χ^2/NDF : 605215.4/13

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

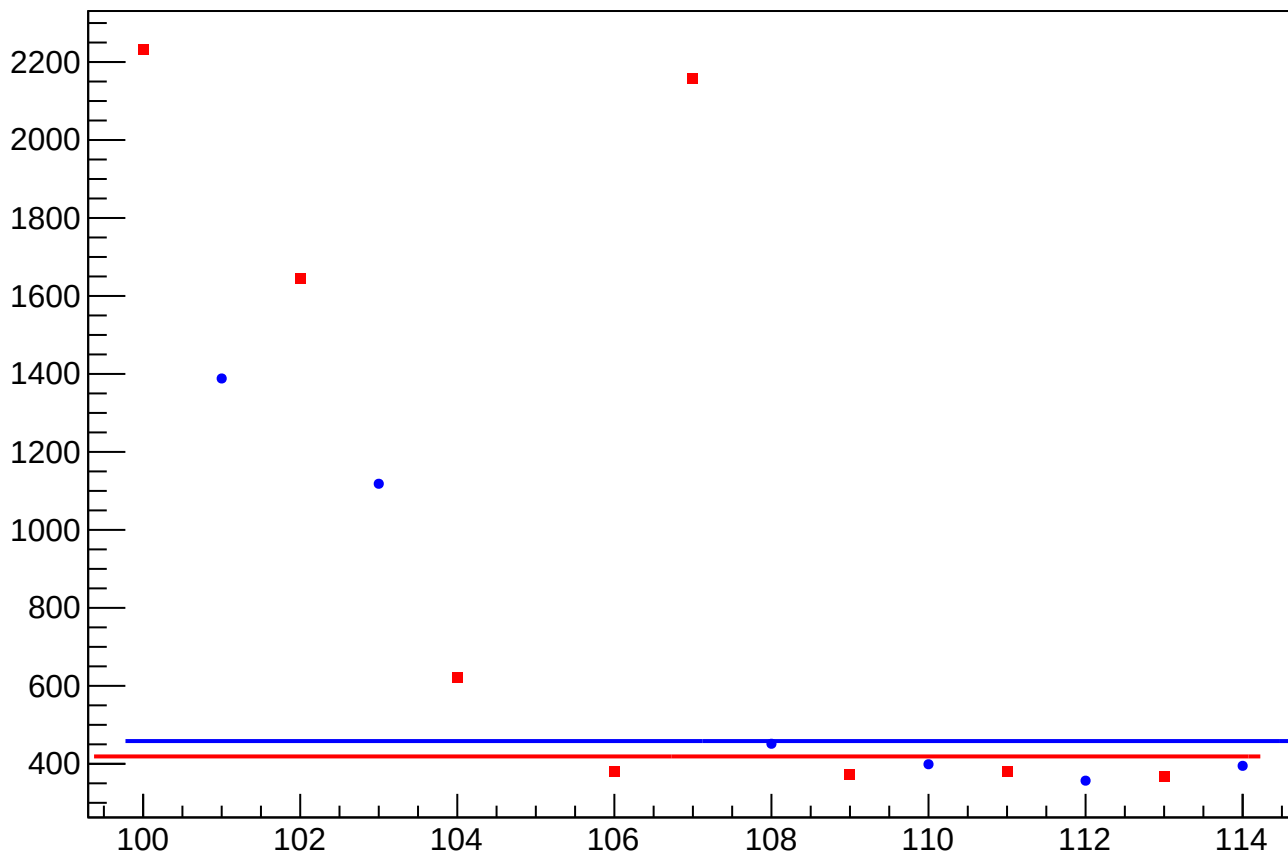
Right: 399.899+/-208.043 χ^2/NDF : 11.0/13

In: 232.773+/-321.014 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.899+/-208.043 χ^2/NDF : 11.0/13

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

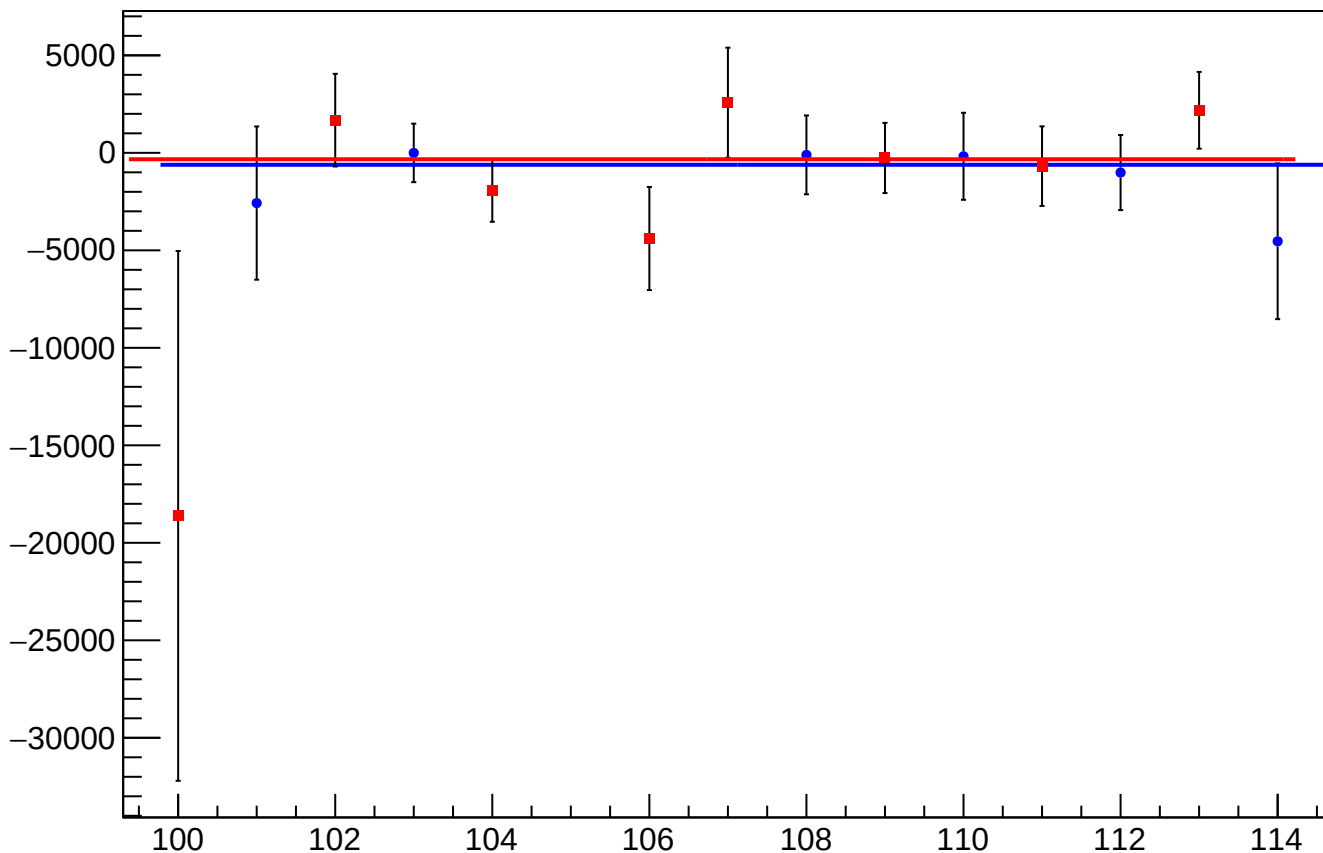
Right: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

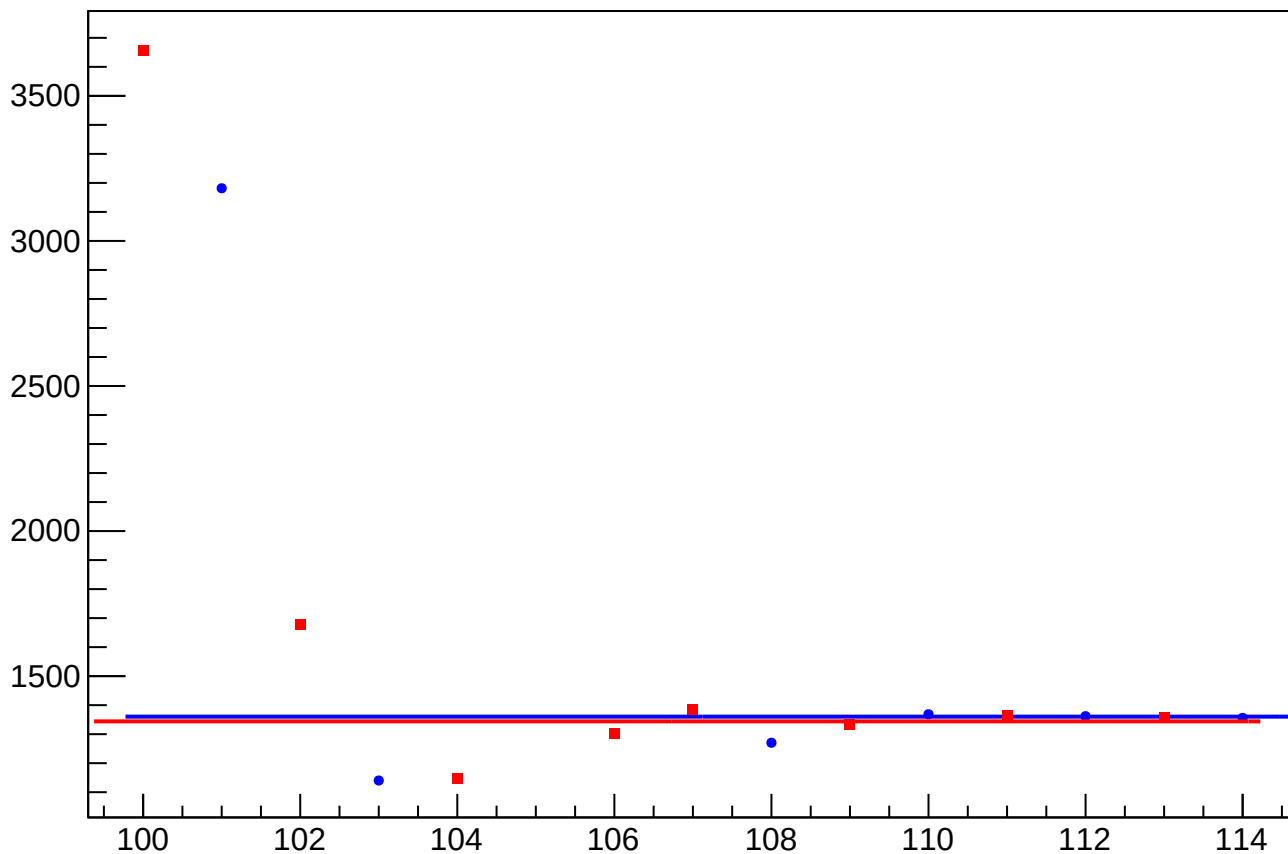
Right: -453.266+/-583.848 χ^2/NDF : 10.2/13

In: -611.585+/-881.286 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.266+/-583.848 χ^2/NDF : 10.2/13

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

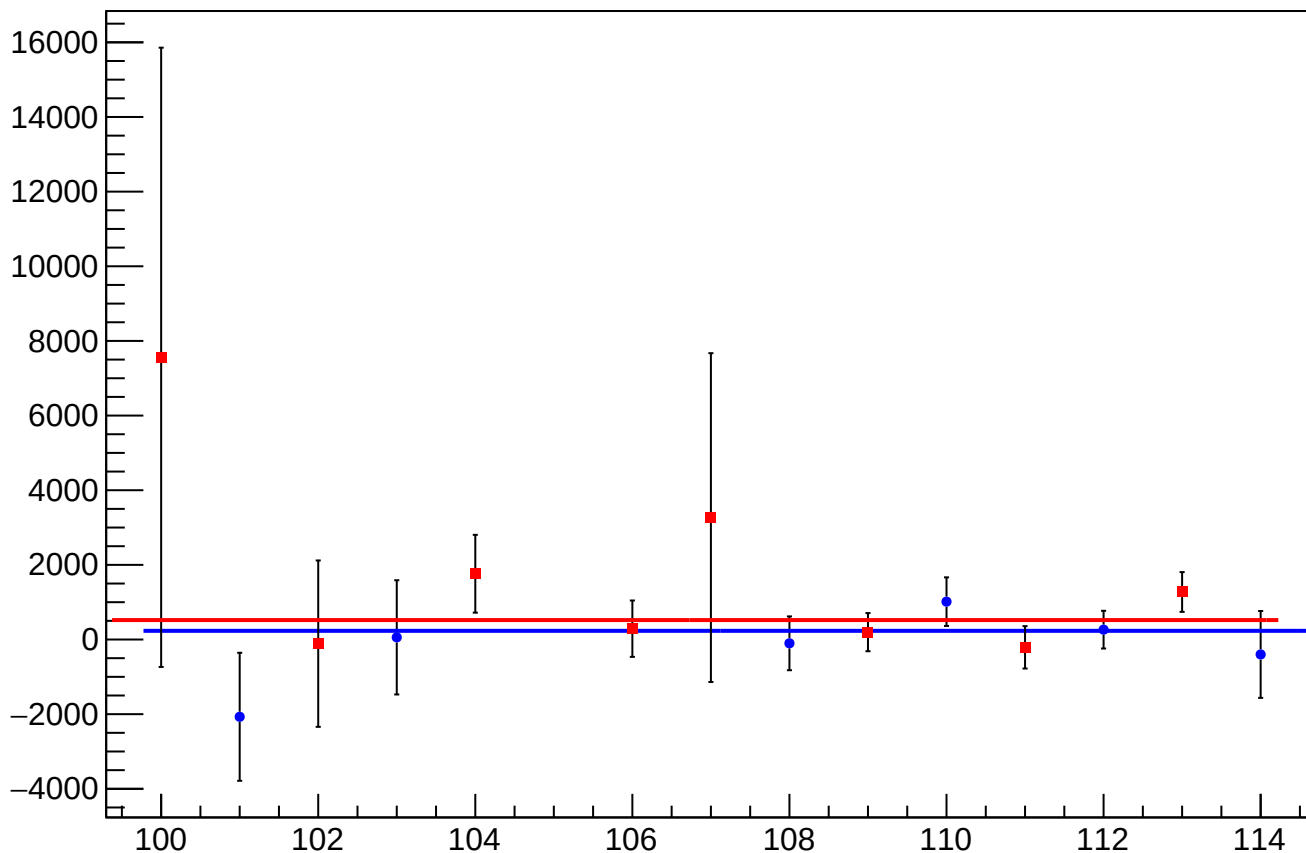
Right: 1351.234 $\pm$ 0.413 χ^2 /NDF: 605215.4/13

In: 1360.402 $\pm$ 0.623 χ^2 /NDF:476808.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1351.234 $\pm$ 0.413 χ^2 /NDF: 605215.4/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

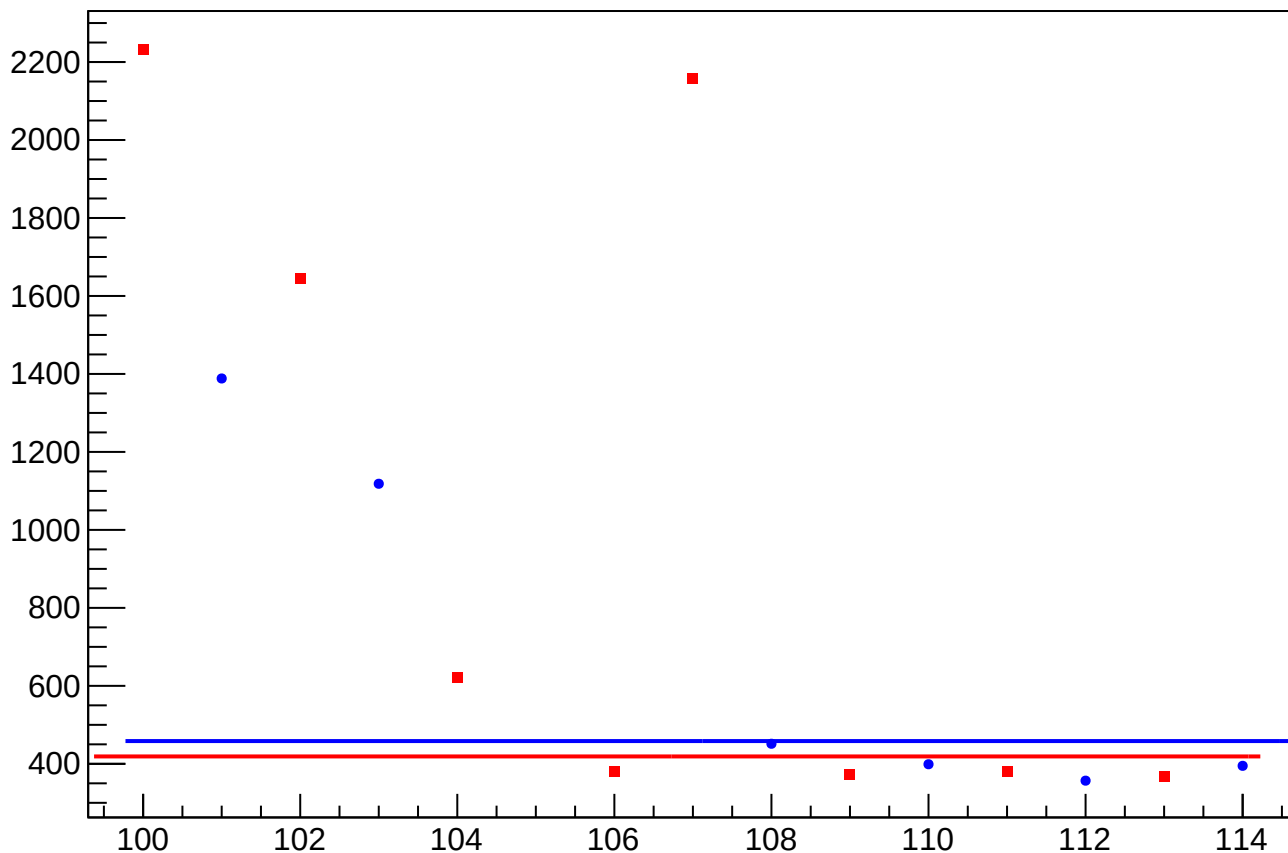
Right: 399.899+/-208.043 χ^2/NDF : 11.0/13

In: 232.773+/-321.014 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.899+/-208.043 χ^2/NDF : 11.0/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

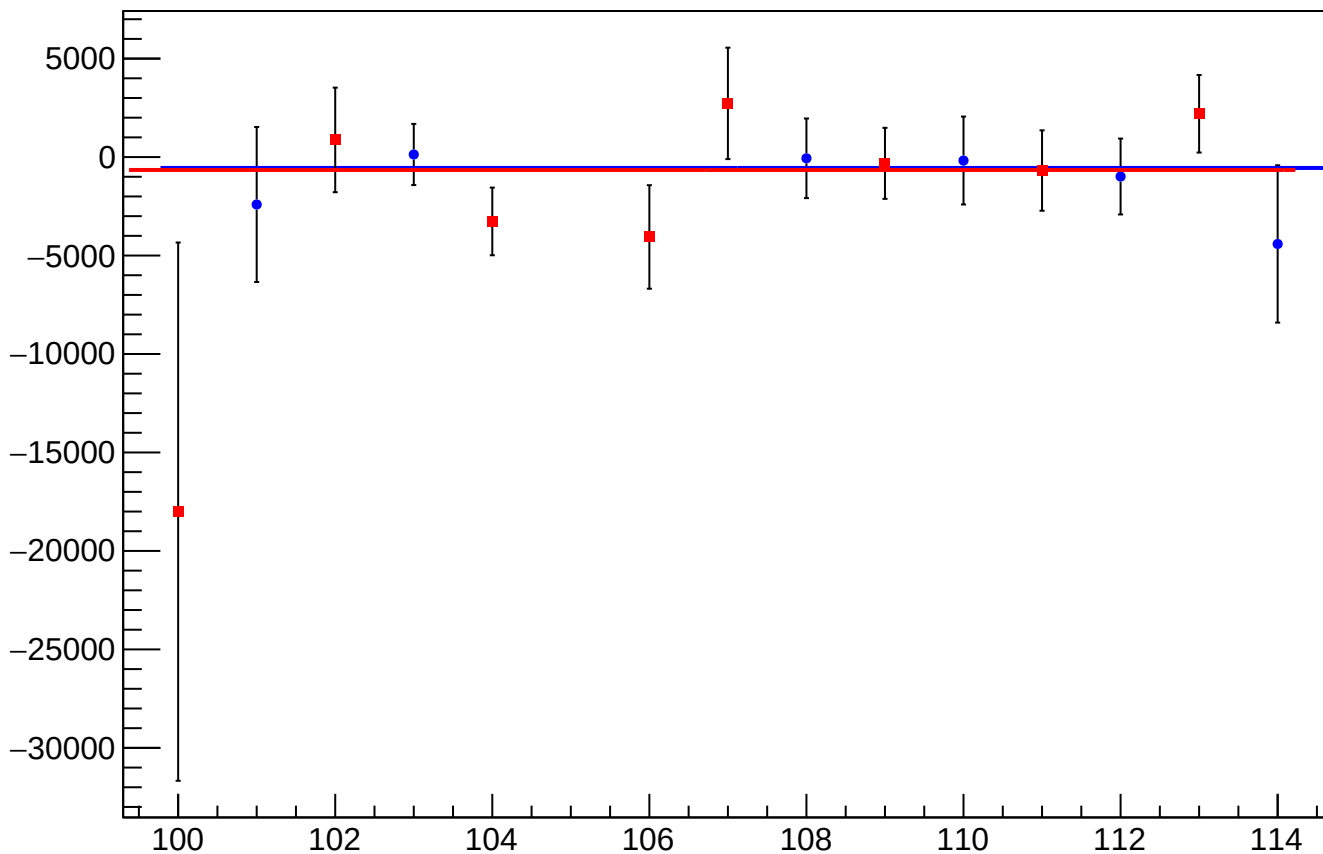
Right: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

In: 458.389+/-0.227 χ^2/NDF : 1063515.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.523+/-0.147 χ^2/NDF : 2220203.3/13

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

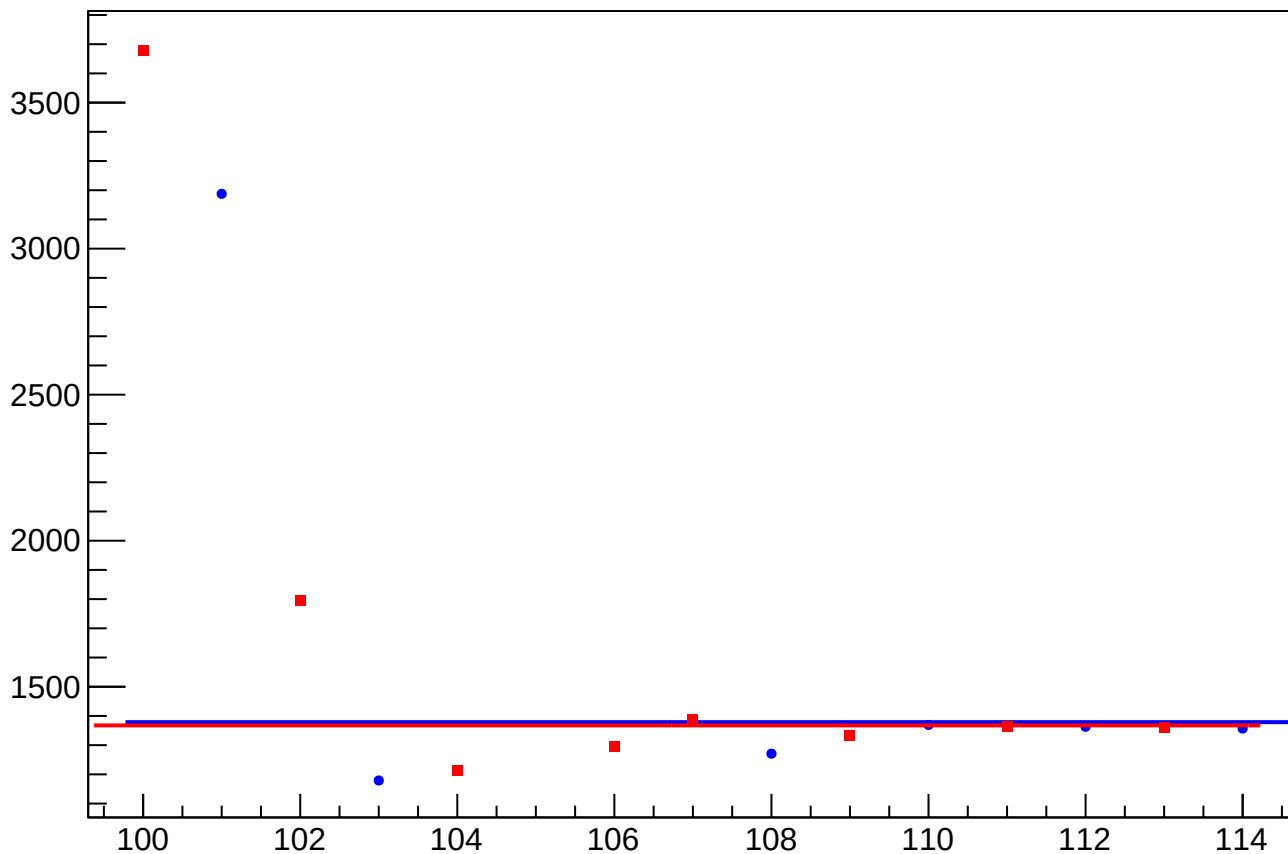
Right: -608.926+/-595.715 χ^2/NDF : 11.0/13

In: -552.167+/-892.001 χ^2/NDF :1.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -608.926+/-595.715 χ^2/NDF : 11.0/13

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

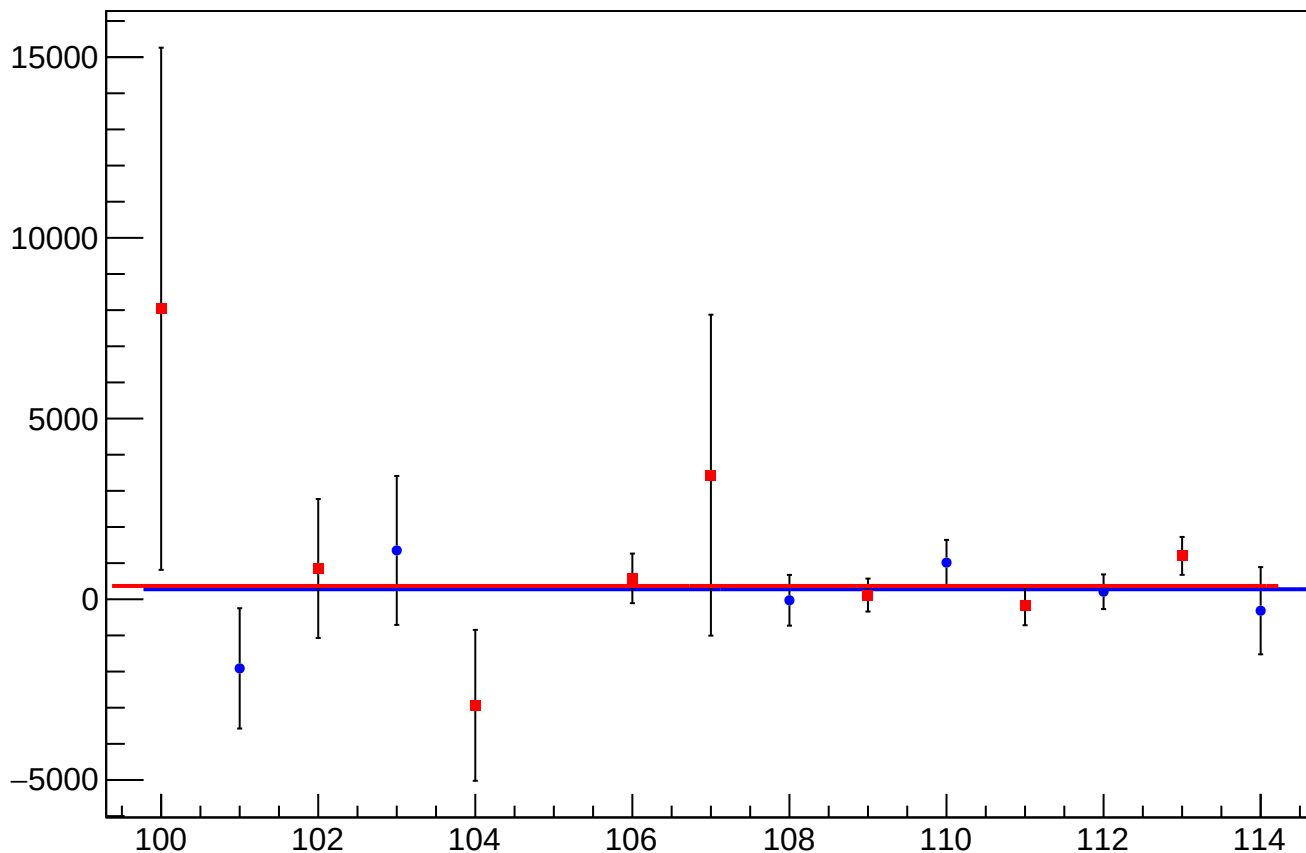
Right: 1372.581+/-0.421 χ^2/NDF : 588842.5/13

In: 1378.751+/-0.631 χ^2/NDF : 461381.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.5/13

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.332+/-313.316 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.627+/-261.399 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

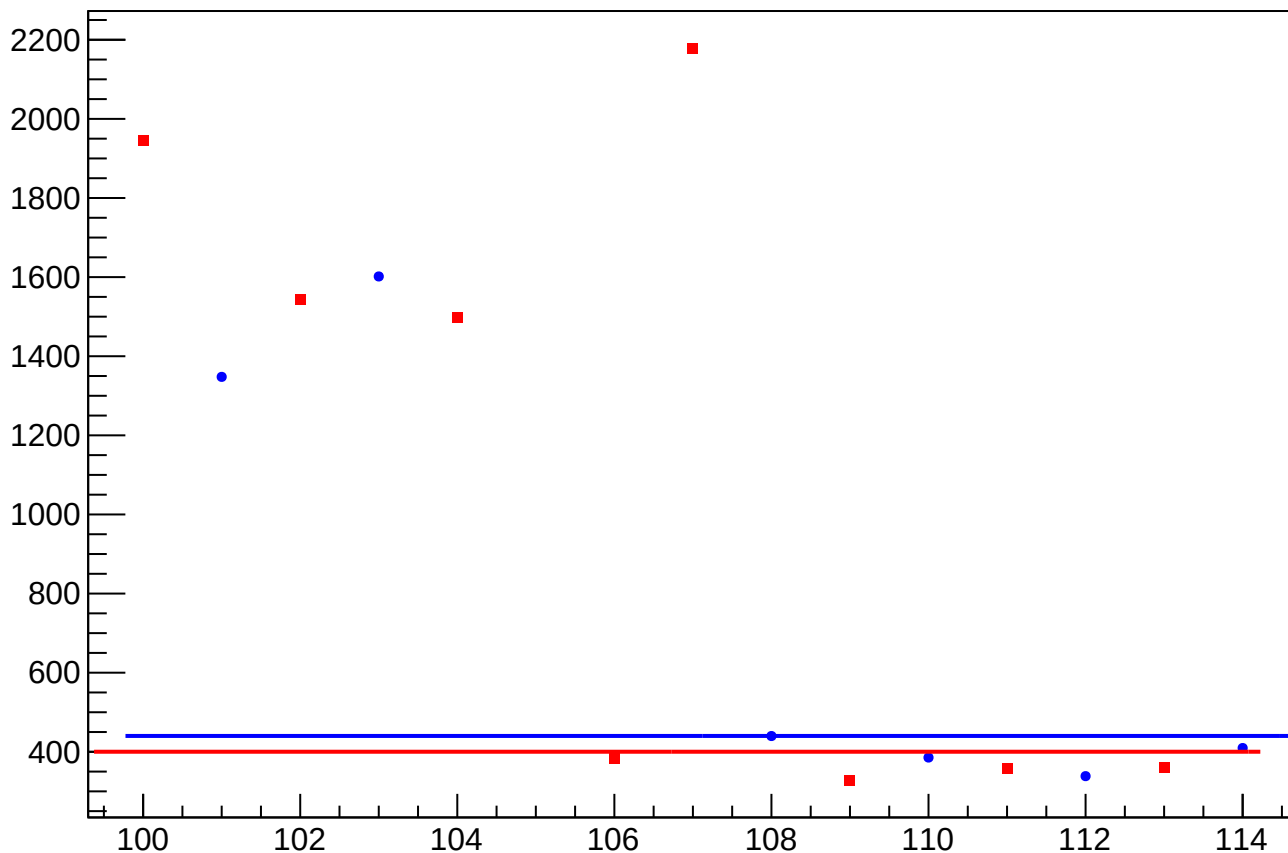
Right: 331.160+/-200.717 χ^2/NDF : 12.0/13

In: 277.332+/-313.316 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.160+/-200.717 χ^2/NDF : 12.0/13

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

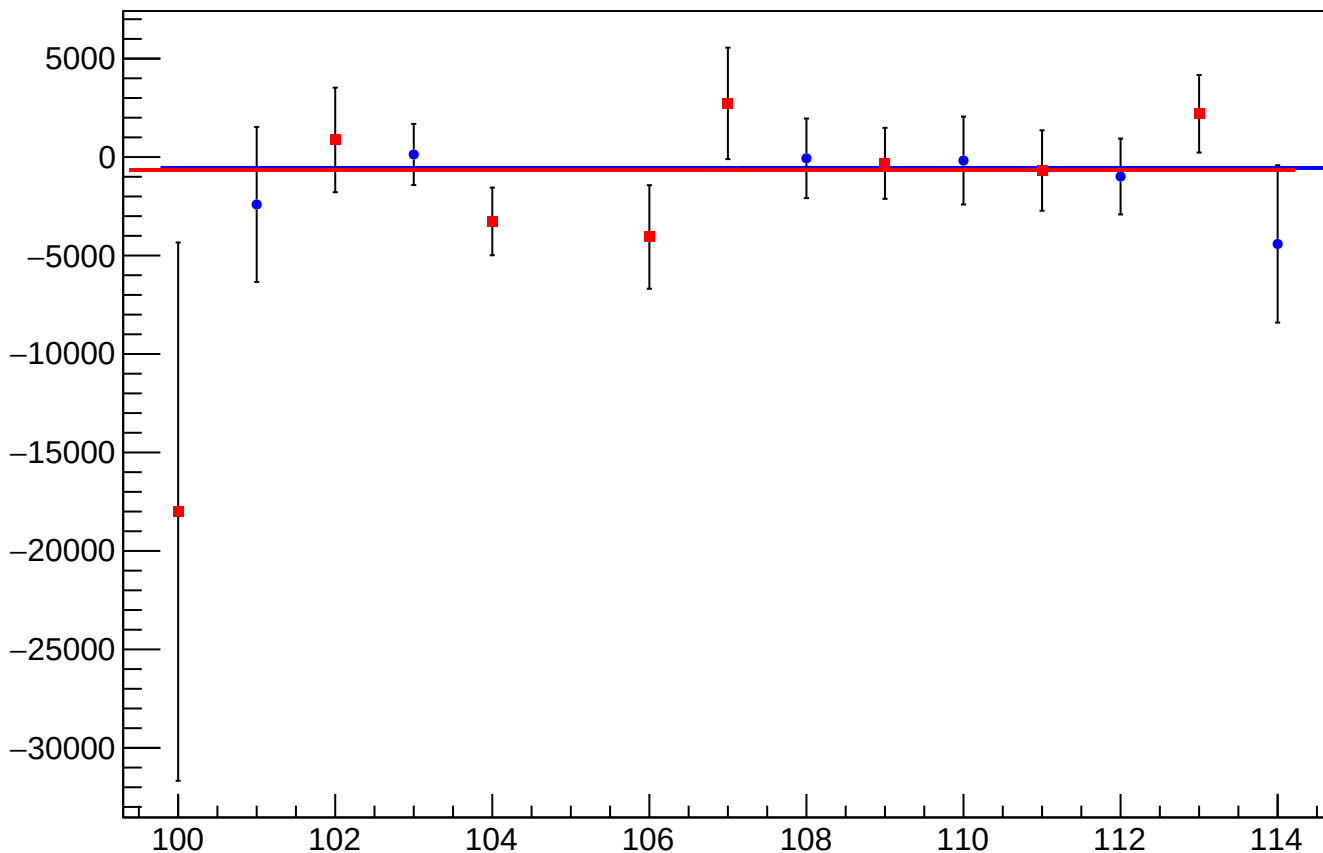
Right: 416.564+/-0.142 χ^2/NDF : 3105822.3/13

In: 440.104+/-0.222 χ^2/NDF : 1336450.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.564+/-0.142 χ^2/NDF : 3105822.3/13

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

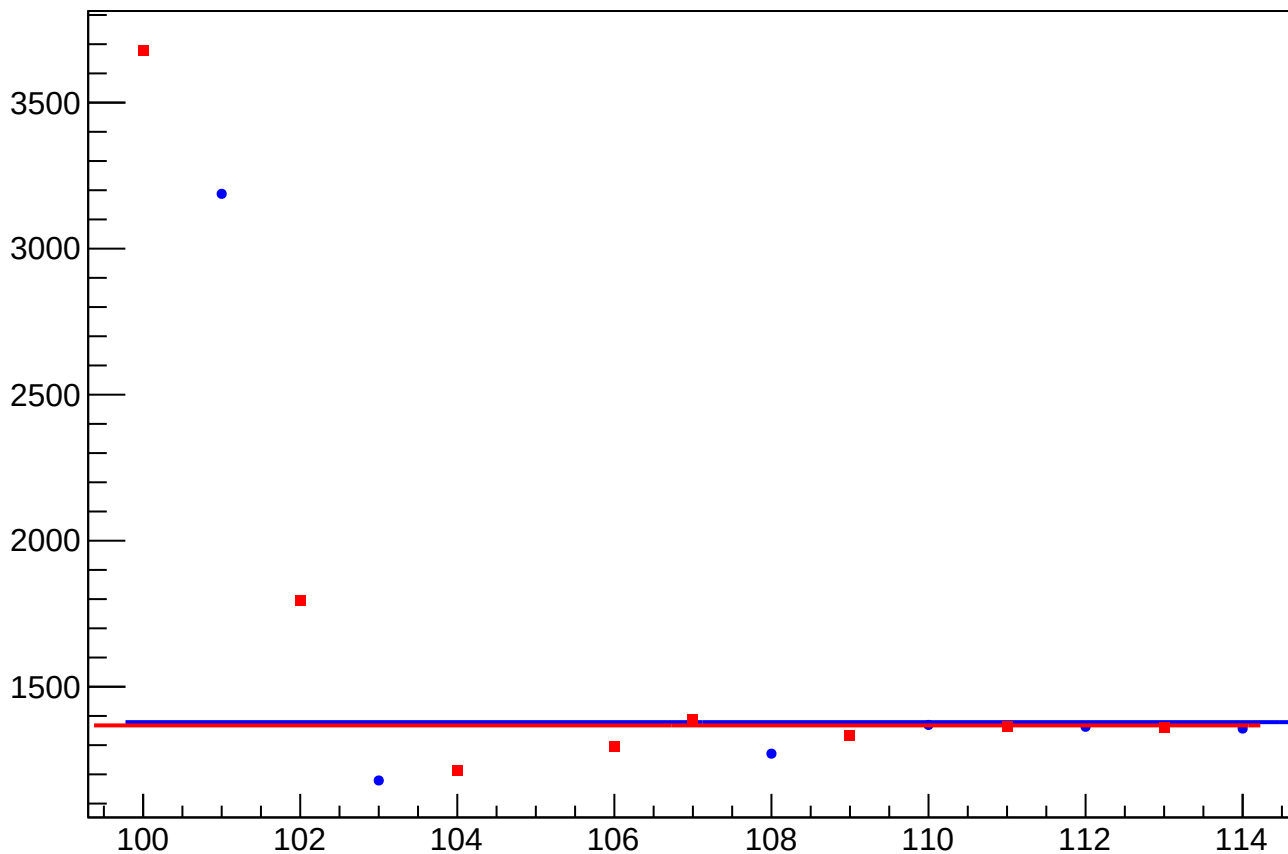
Right: -608.926+/-595.715 χ^2 /NDF: 11.0/13

In: -552.165+/-892.001 χ^2 /NDF:1.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -608.926+/-595.715 χ^2 /NDF: 11.0/13

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

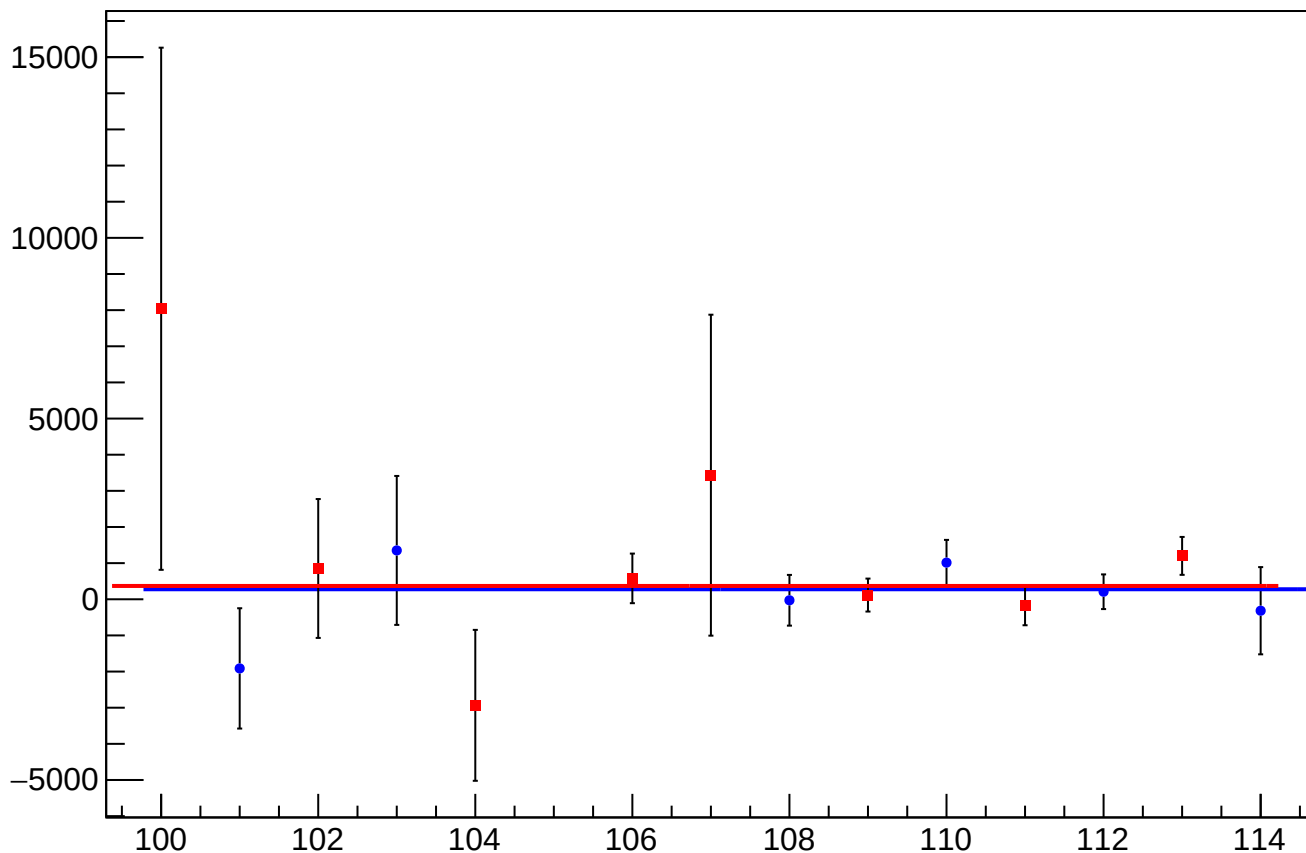
Right: 1372.581+/-0.421 χ^2/NDF : 588842.4/13

In: 1378.751+/-0.631 χ^2/NDF : 461381.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.581+/-0.421 χ^2/NDF : 588842.4/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.332+/-313.314 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.626+/-261.398 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

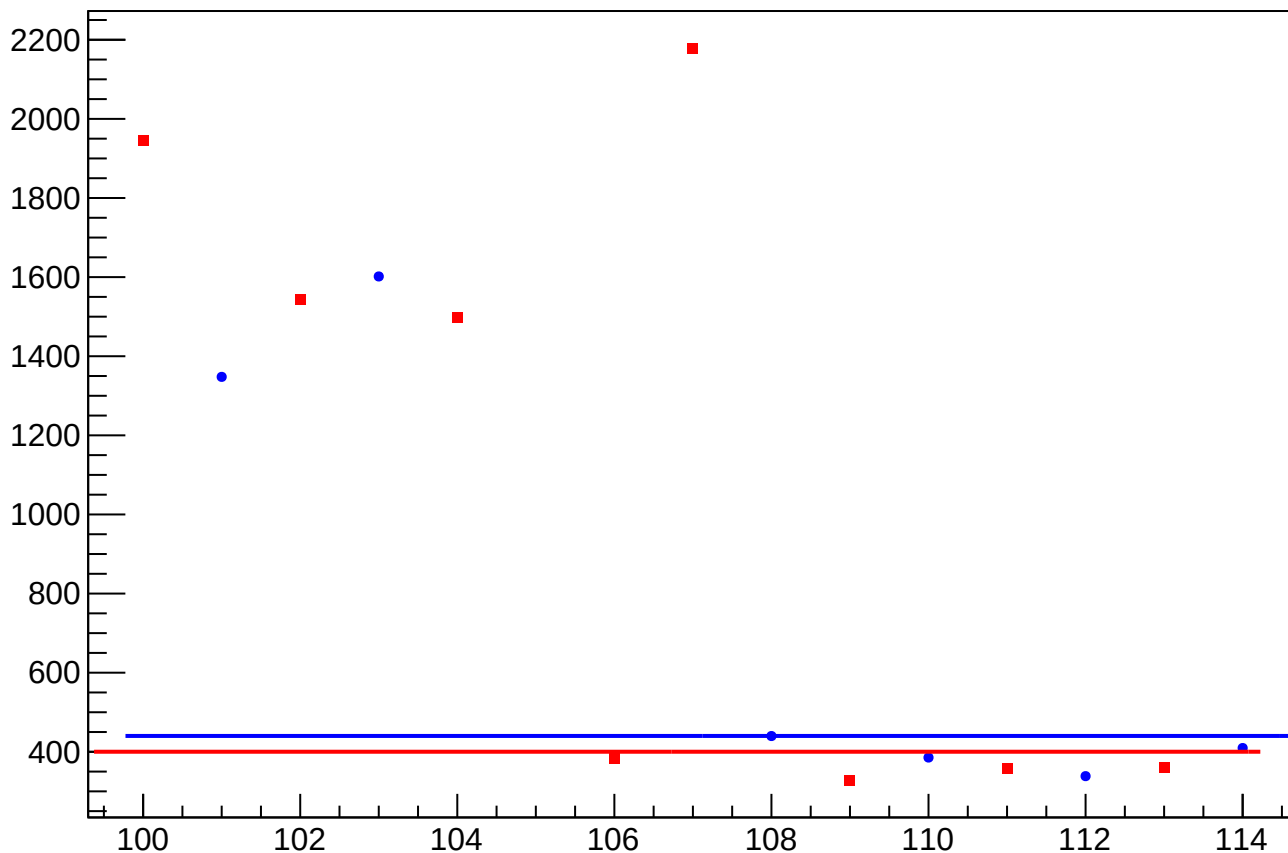
Right: 331.159+/-200.716 χ^2/NDF : 12.0/13

In: 277.332+/-313.314 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.159+/-200.716 χ^2/NDF : 12.0/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

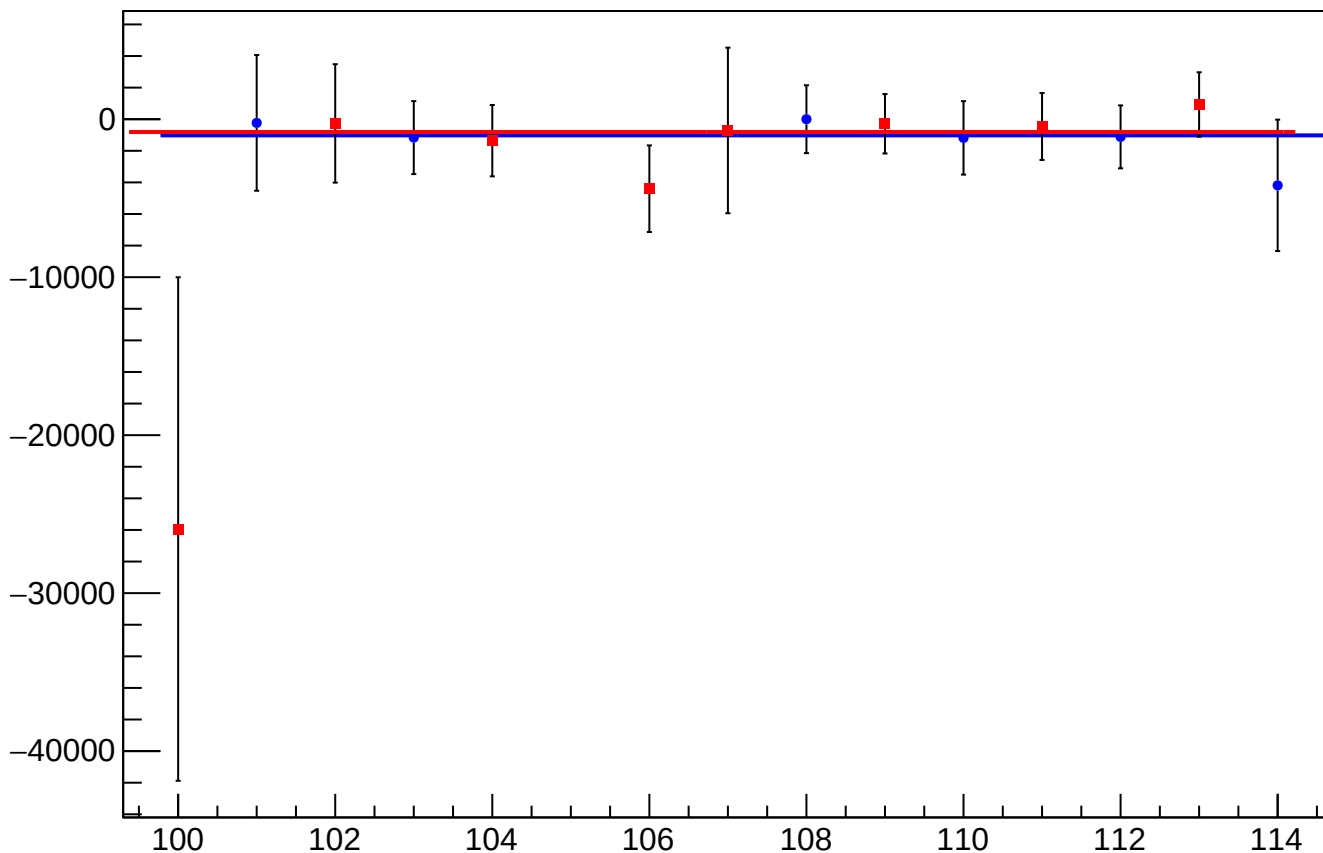
Right: 416.562+/-0.142 χ^2/NDF : 3105828.6/13

In: 440.101+/-0.222 χ^2/NDF : 1336453.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.562+/-0.142 χ^2/NDF : 3105828.6/13

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

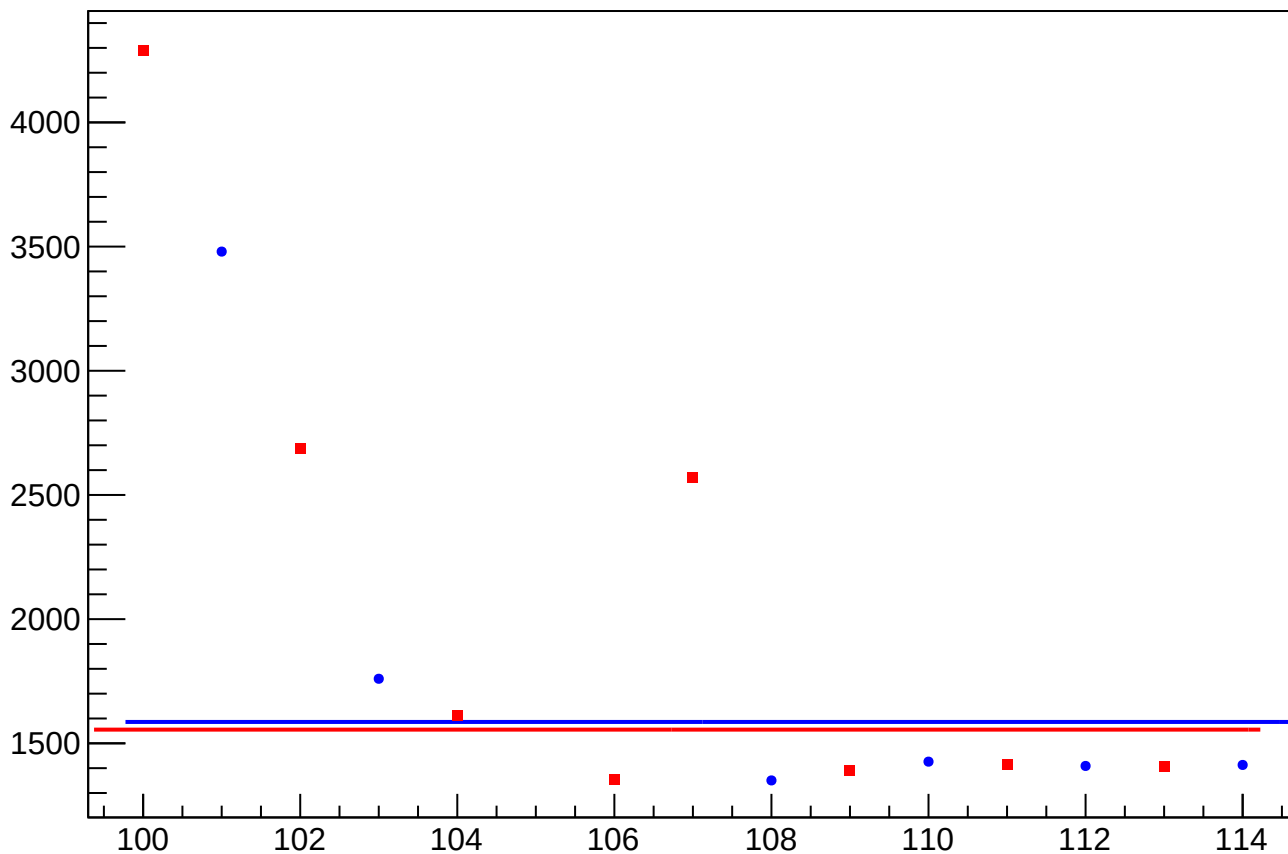
Right: -903.320+/-683.688 χ^2 /NDF: 6.0/13

In: -1021.278+/-1024.116 χ^2 /NDF: 0.8/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -903.320+/-683.688 χ^2 /NDF: 6.0/13

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

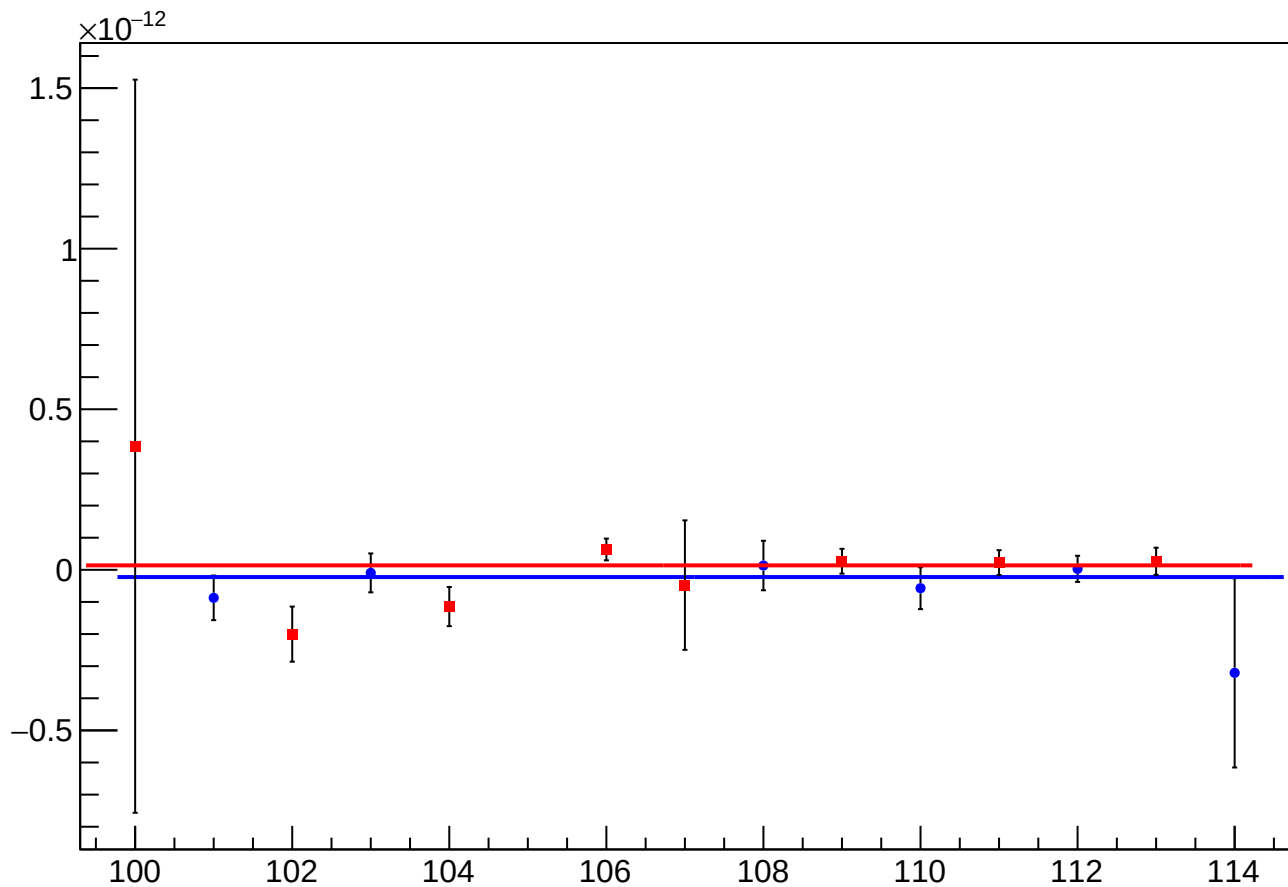
Right: 1568.950+/-0.483 χ^2/NDF : 816168.9/13

In: 1586.086+/-0.724 χ^2/NDF : 452845.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.950+/-0.483 χ^2/NDF : 816168.9/13

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_Sign_Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

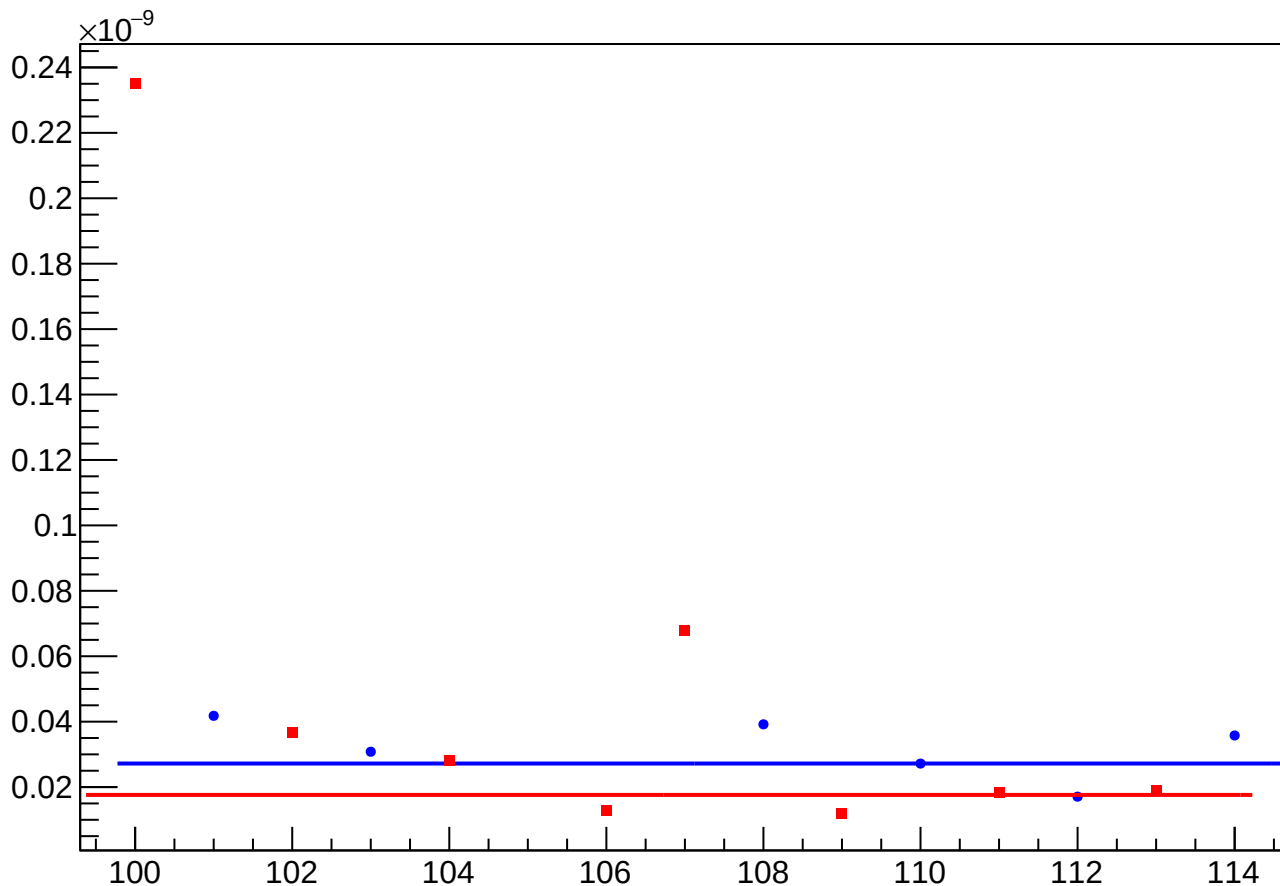
Right: 0.000+/-0.000 χ^2/NDF : 17.4/13

In: -0.000+/-0.000 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.4/13

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

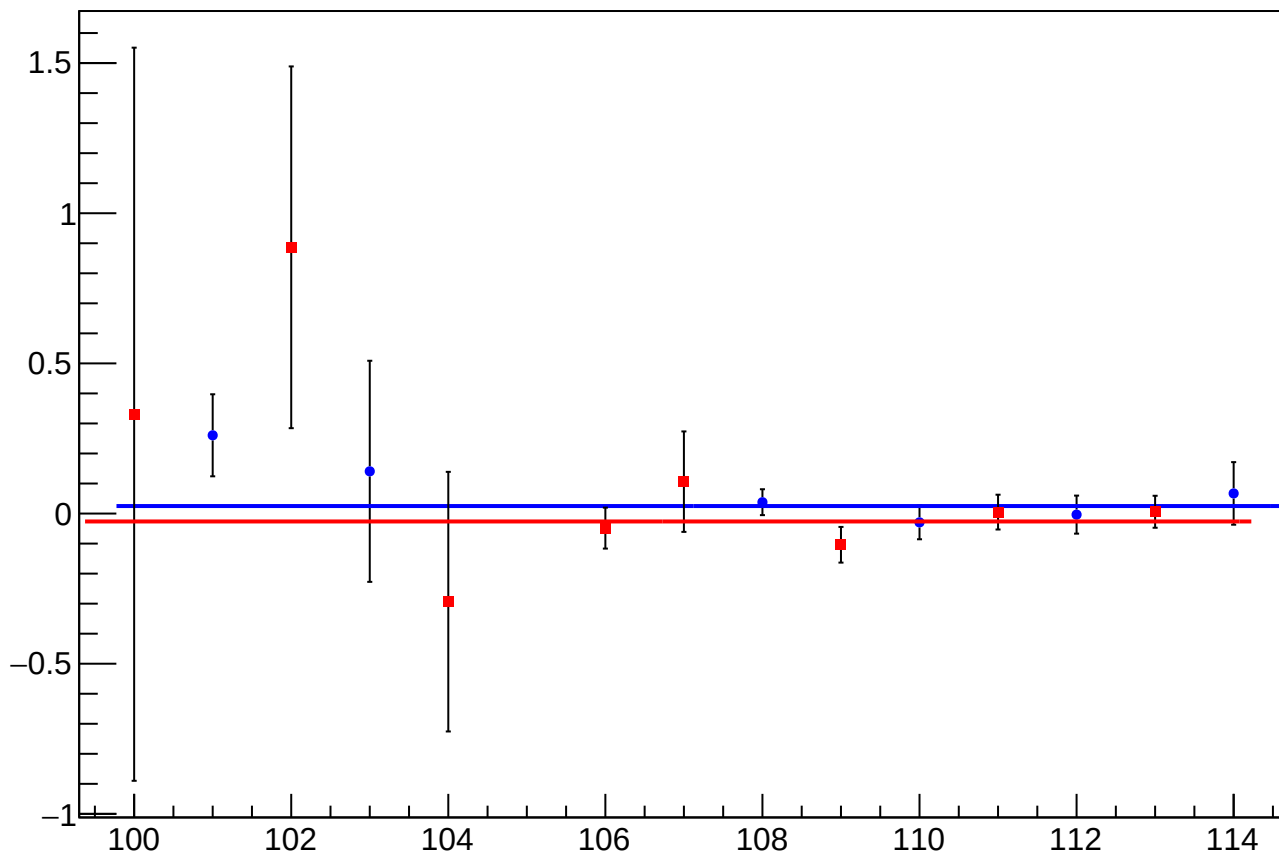
Right: 0.000+/-0.000 χ^2/NDF : 900754.0/13

In: 0.000+/-0.000 χ^2/NDF : 269135.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 900754.0/13

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

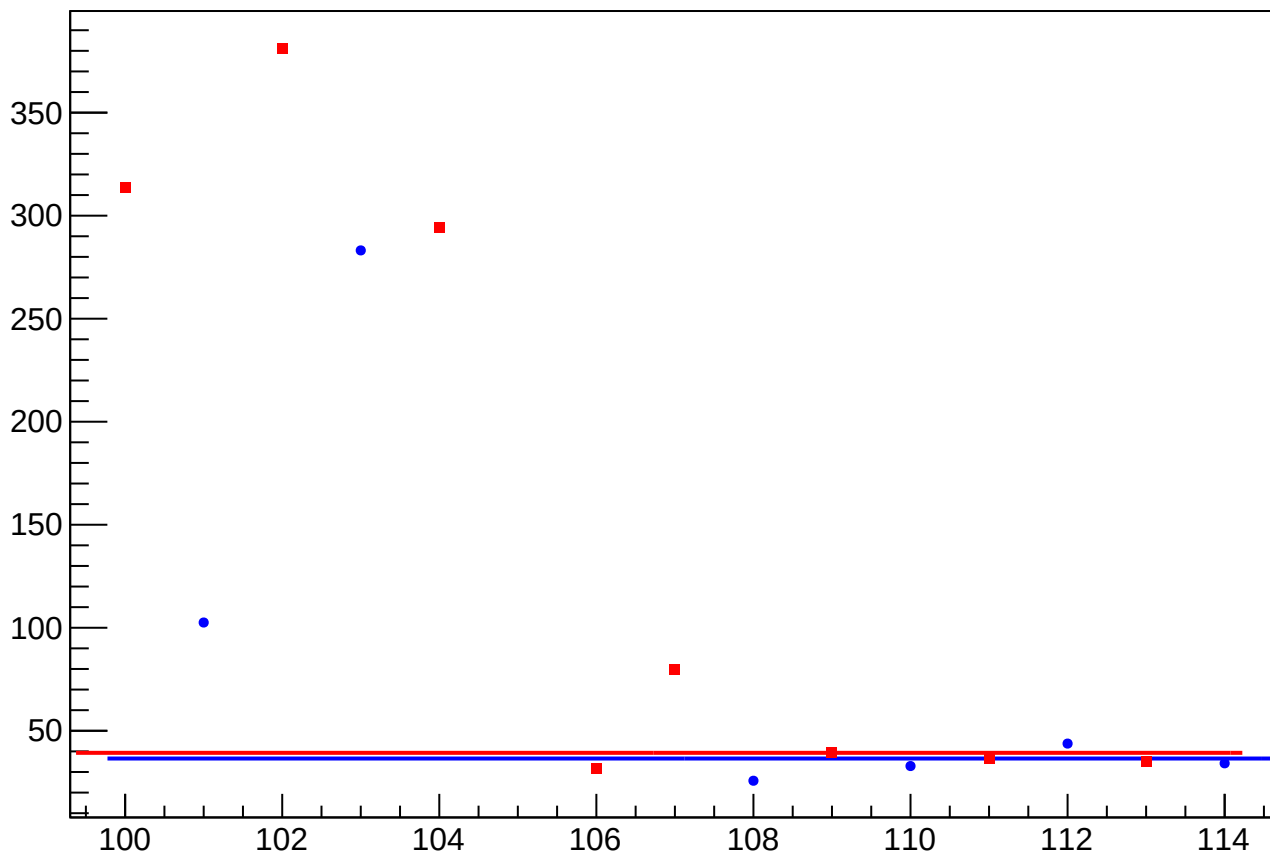
Right: -0.000 $\pm$ 0.020 χ^2 /NDF: 11.9/13

In: 0.025 $\pm$ 0.028 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.020 χ^2 /NDF: 11.9/13

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

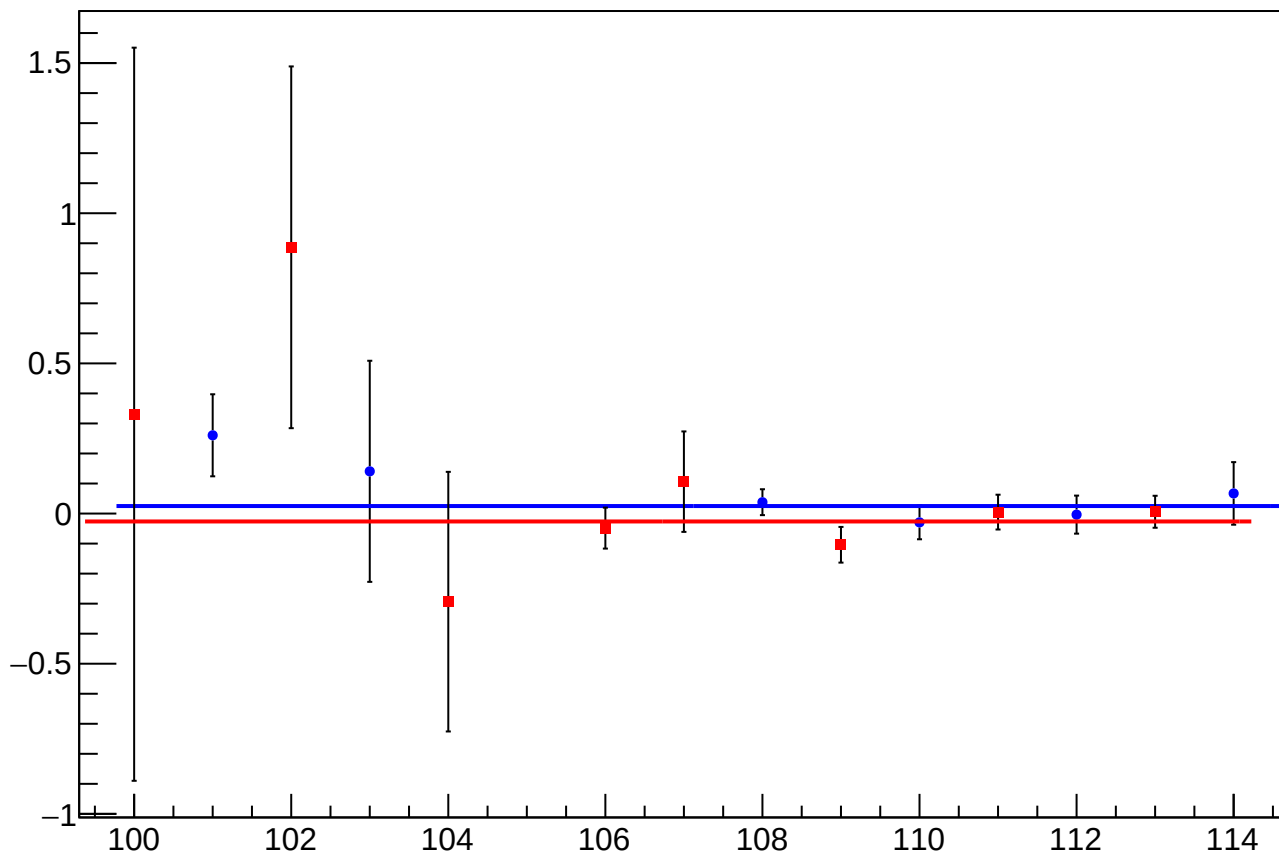
Right: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

In: 36.536+/-0.020 χ^2/NDF : 1525260.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.028 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.029 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

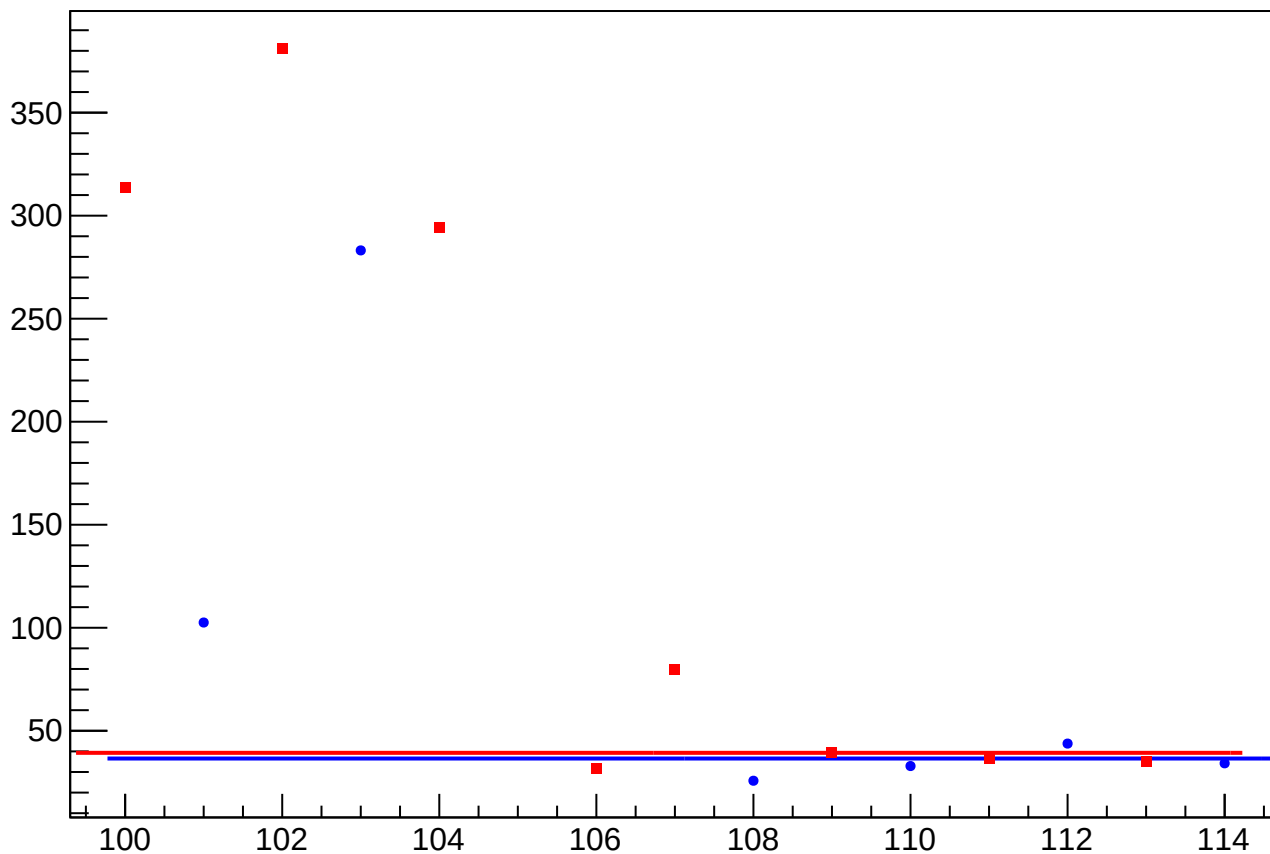
Right: -0.000+/-0.020 χ^2/NDF : 11.9/13

In: 0.025+/-0.028 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.020 χ^2/NDF : 11.9/13

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

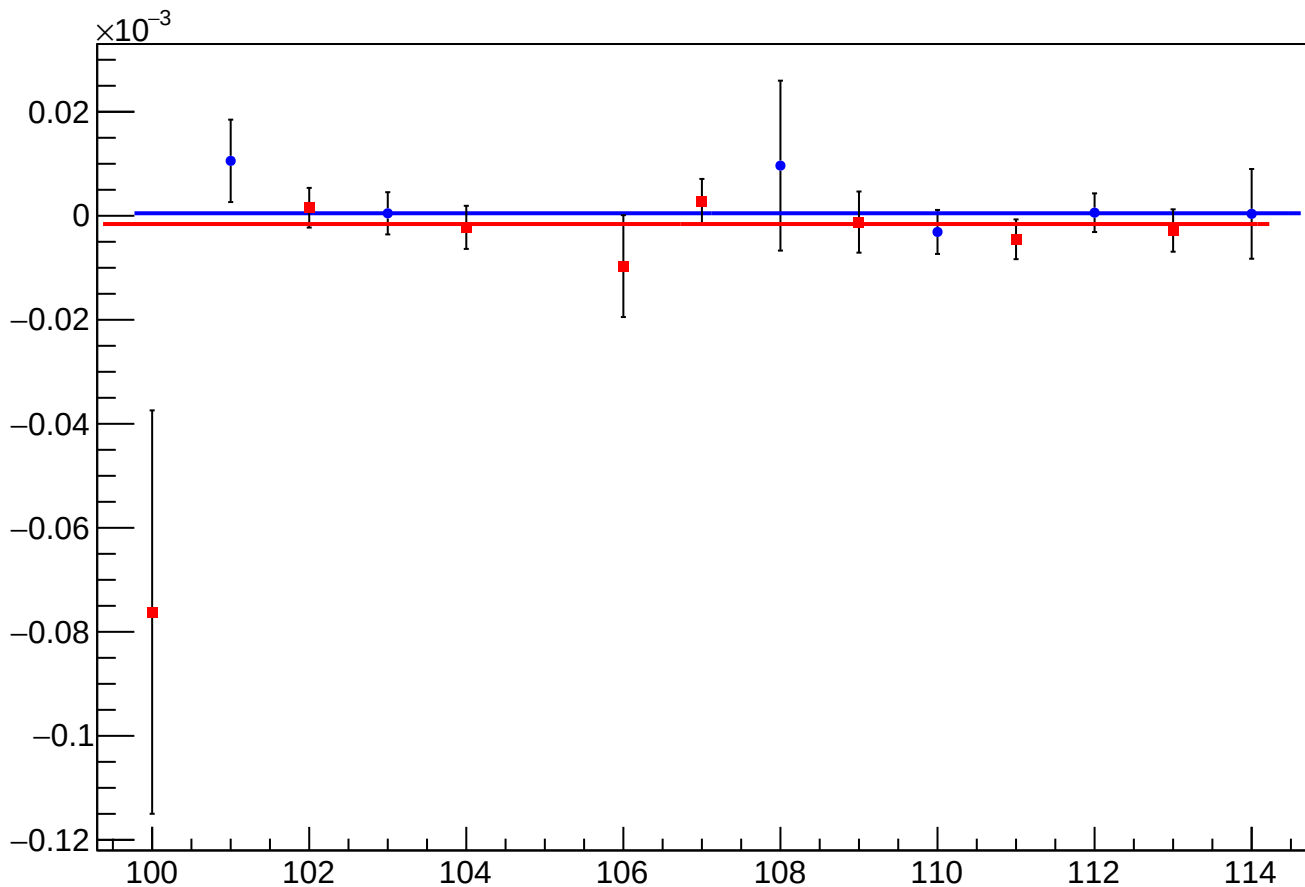
Right: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

In: 36.536+/-0.020 χ^2/NDF : 1525260.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.883+/-0.014 χ^2/NDF : 3134010.6/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

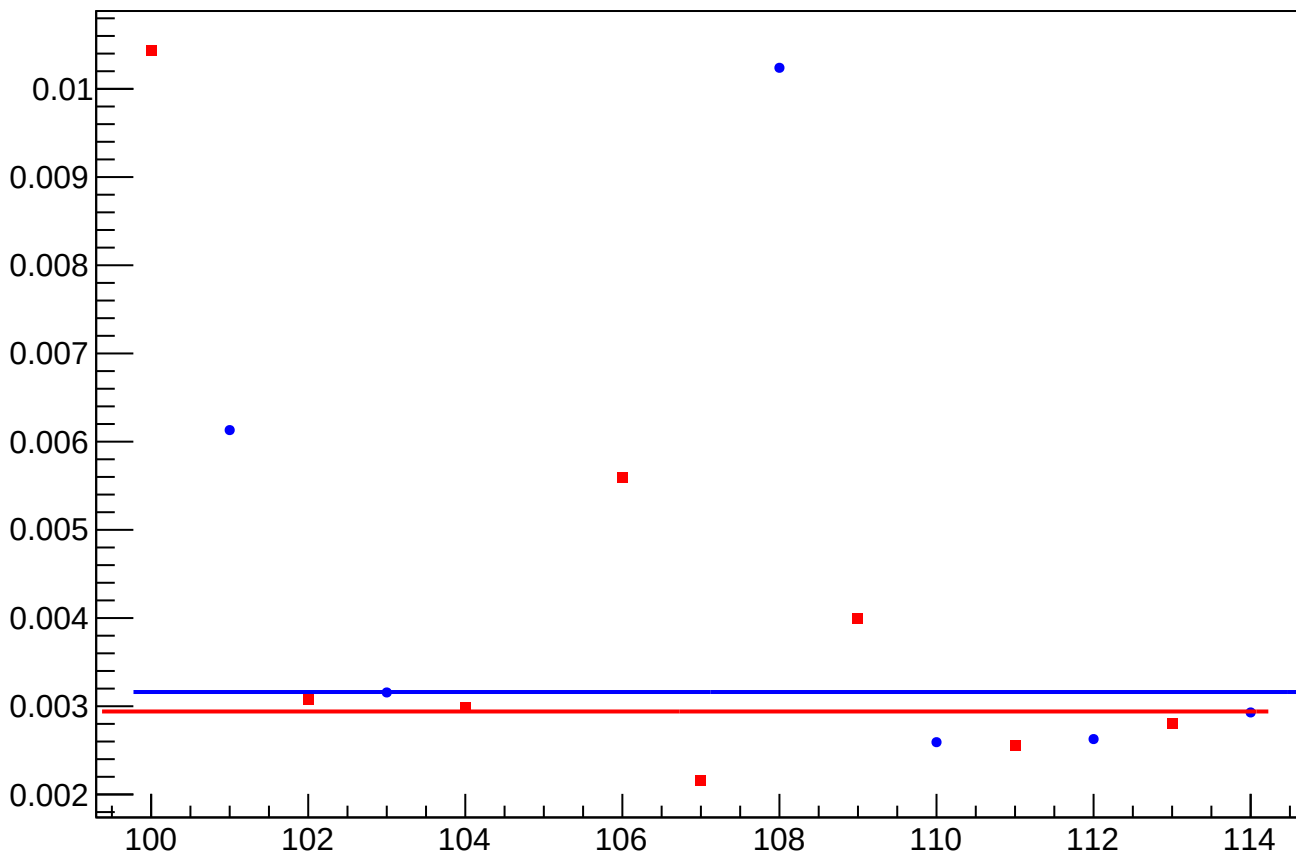
Right: -0.000+/-0.000 χ^2/NDF : 9.9/13

In: 0.000+/-0.000 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

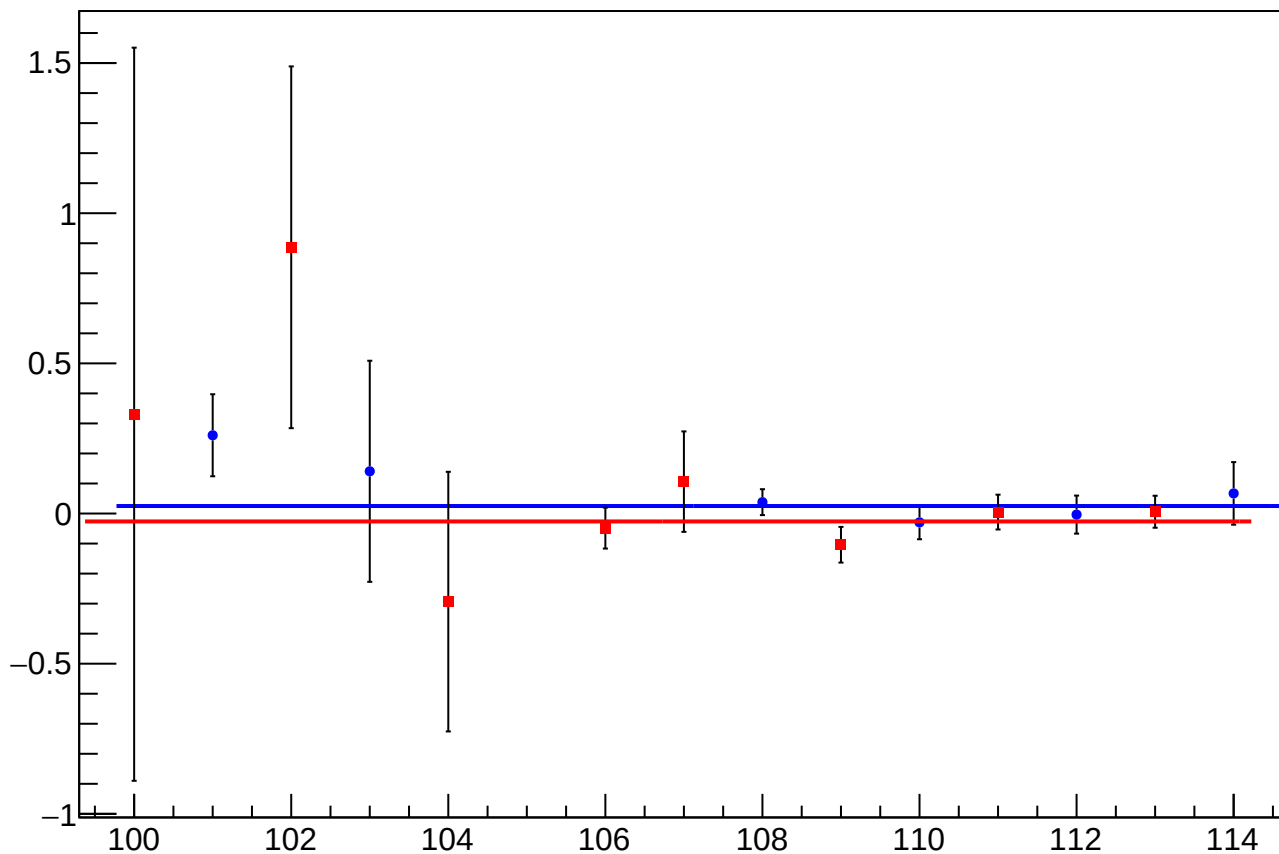
Right: 0.003+/-0.000 χ^2/NDF : 1122286.2/13

In: 0.003+/-0.000 χ^2/NDF :735143.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1122286.2/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.028 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.026+/-0.029 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

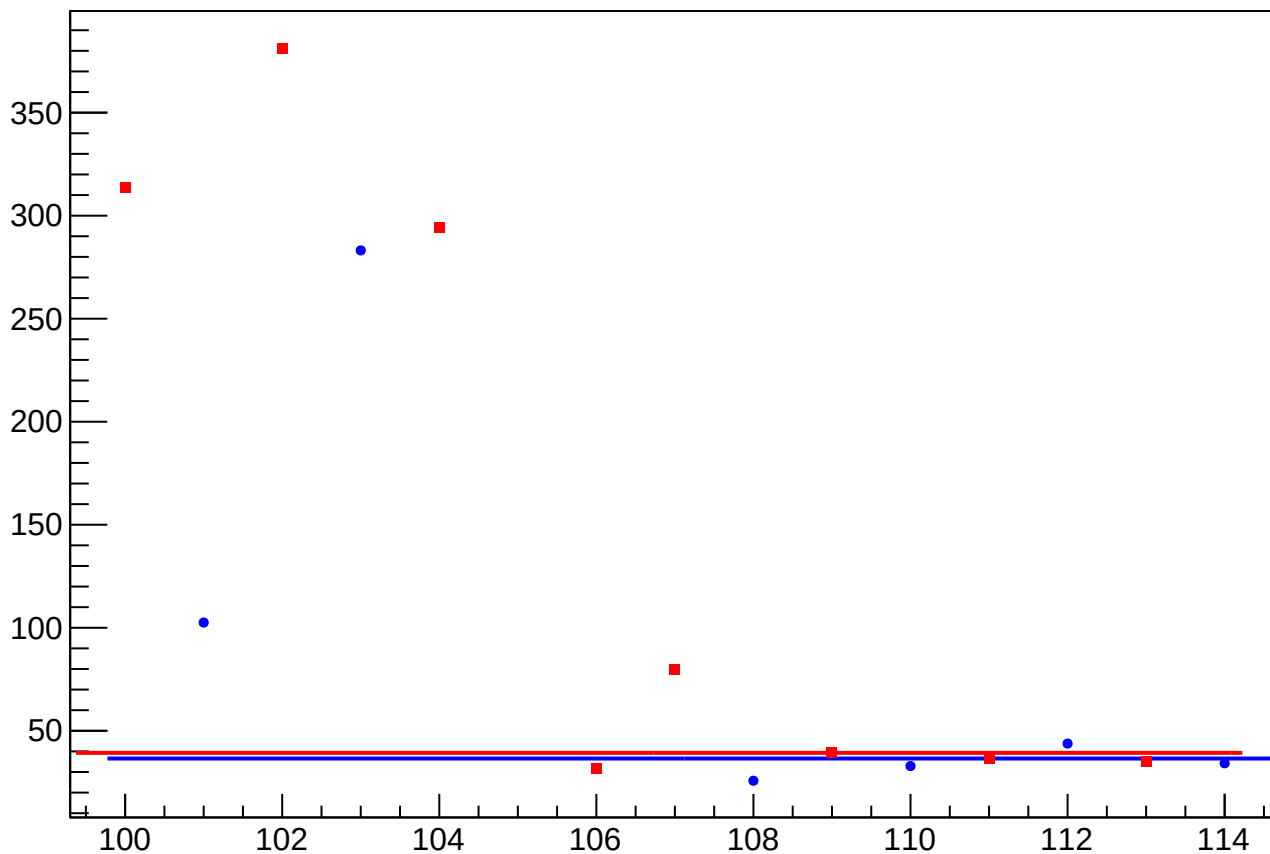
Right: -0.000+/-0.020 χ^2/NDF : 11.9/13

In: 0.025+/-0.028 χ^2/NDF :4.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.020 χ^2/NDF : 11.9/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

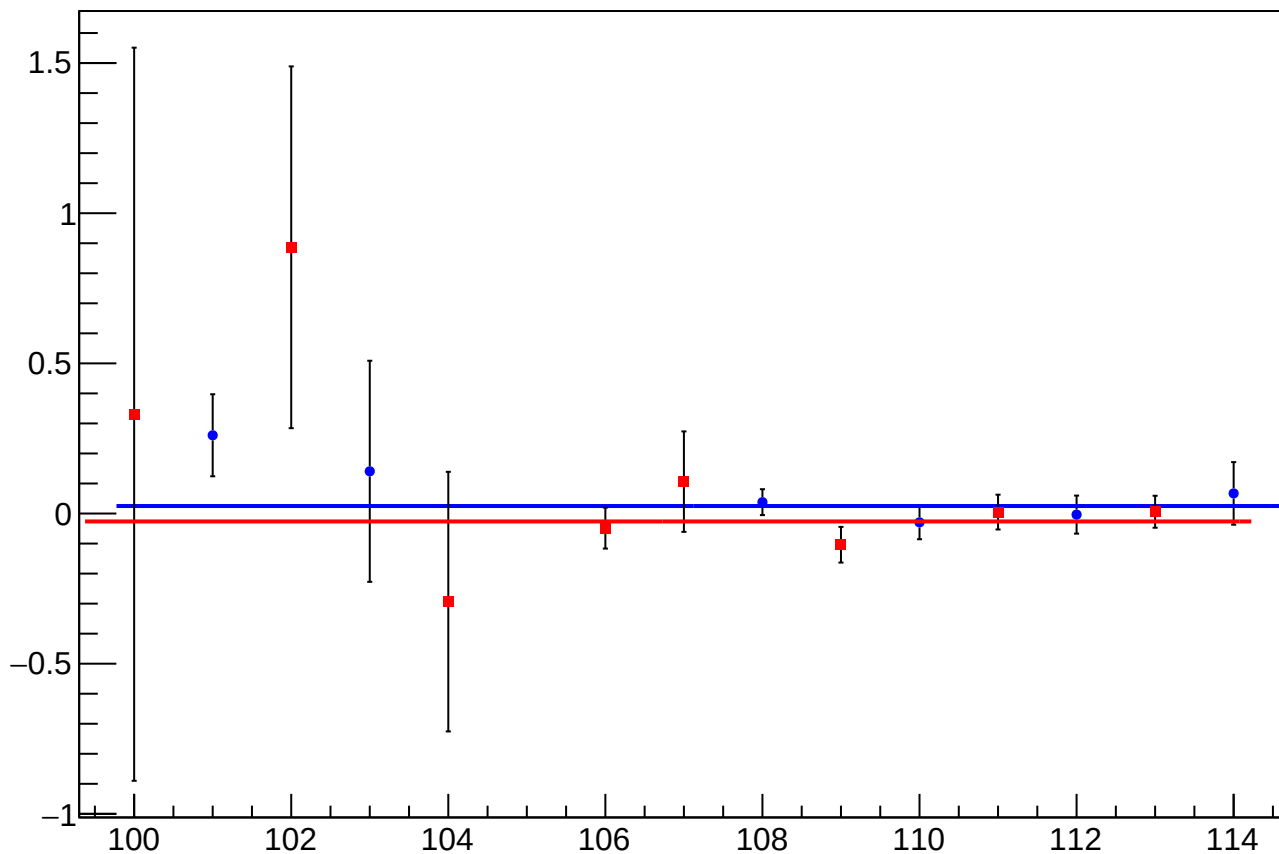
Right: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

In: 36.538+/-0.020 χ^2/NDF : 1525176.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.028 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.029 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

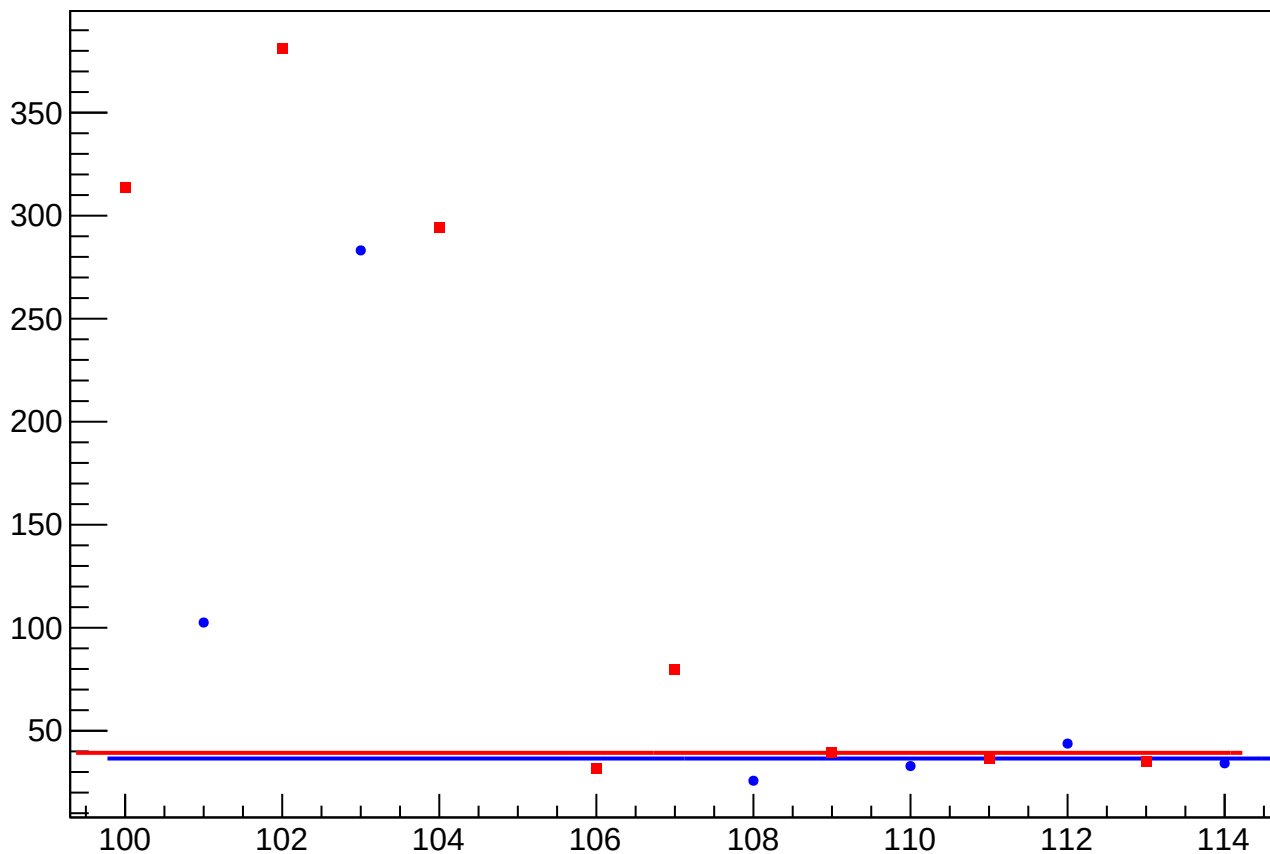
Right: -0.000+/-0.020 χ^2/NDF : 11.9/13

In: 0.025+/-0.028 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.020 χ^2/NDF : 11.9/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

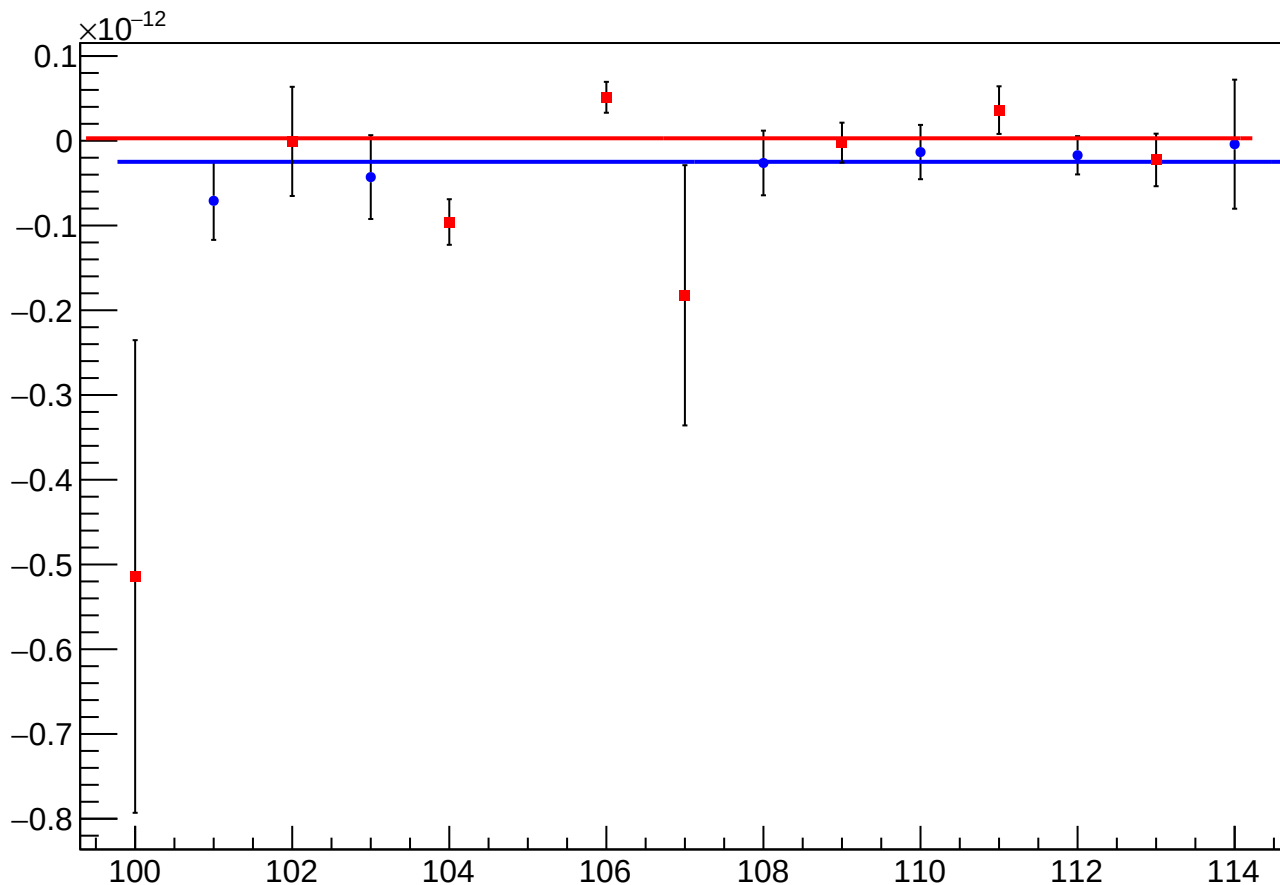
Right: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

In: 36.538+/-0.020 χ^2/NDF : 1525176.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.014 χ^2/NDF : 3133903.5/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

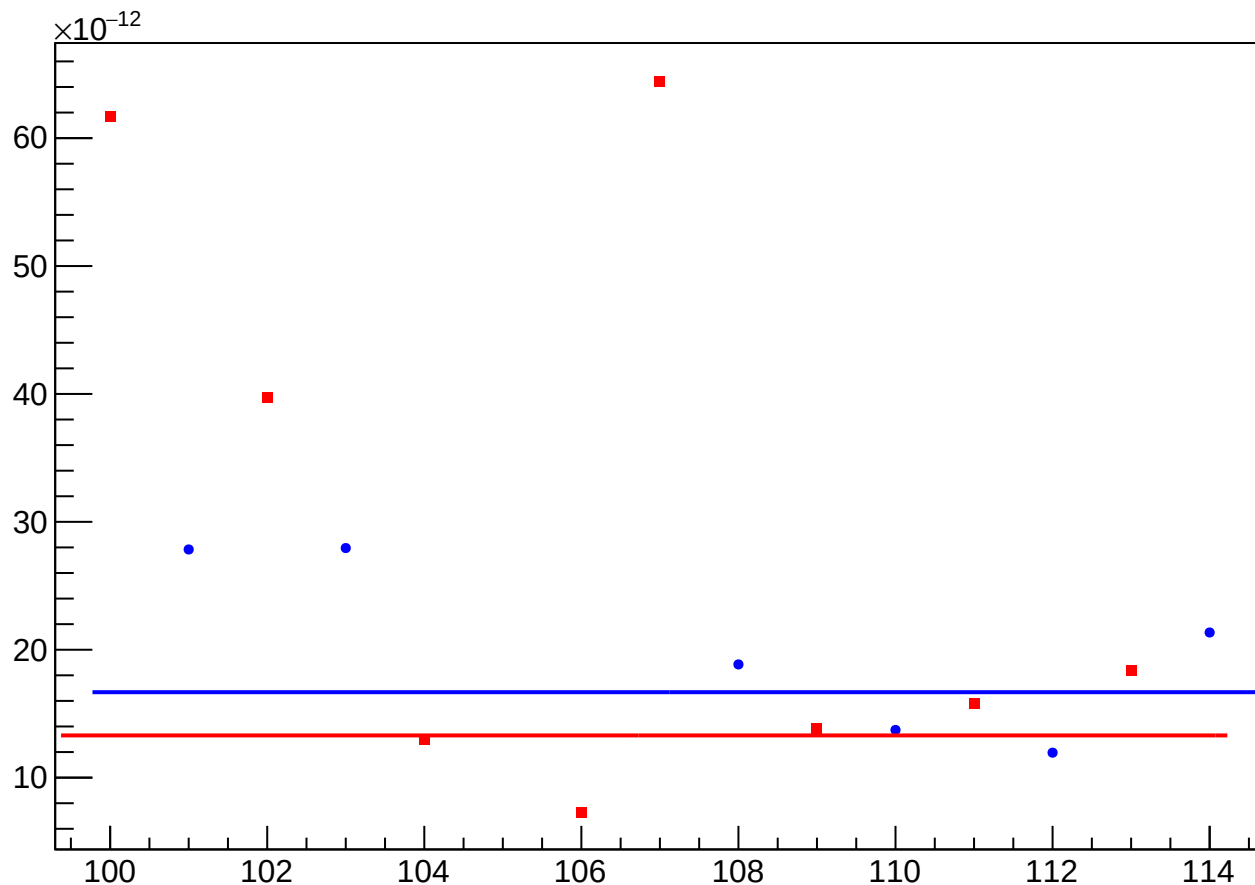
Right: -0.000+/-0.000 χ^2/NDF : 31.4/13

In: -0.000+/-0.000 χ^2/NDF :1.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/13

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

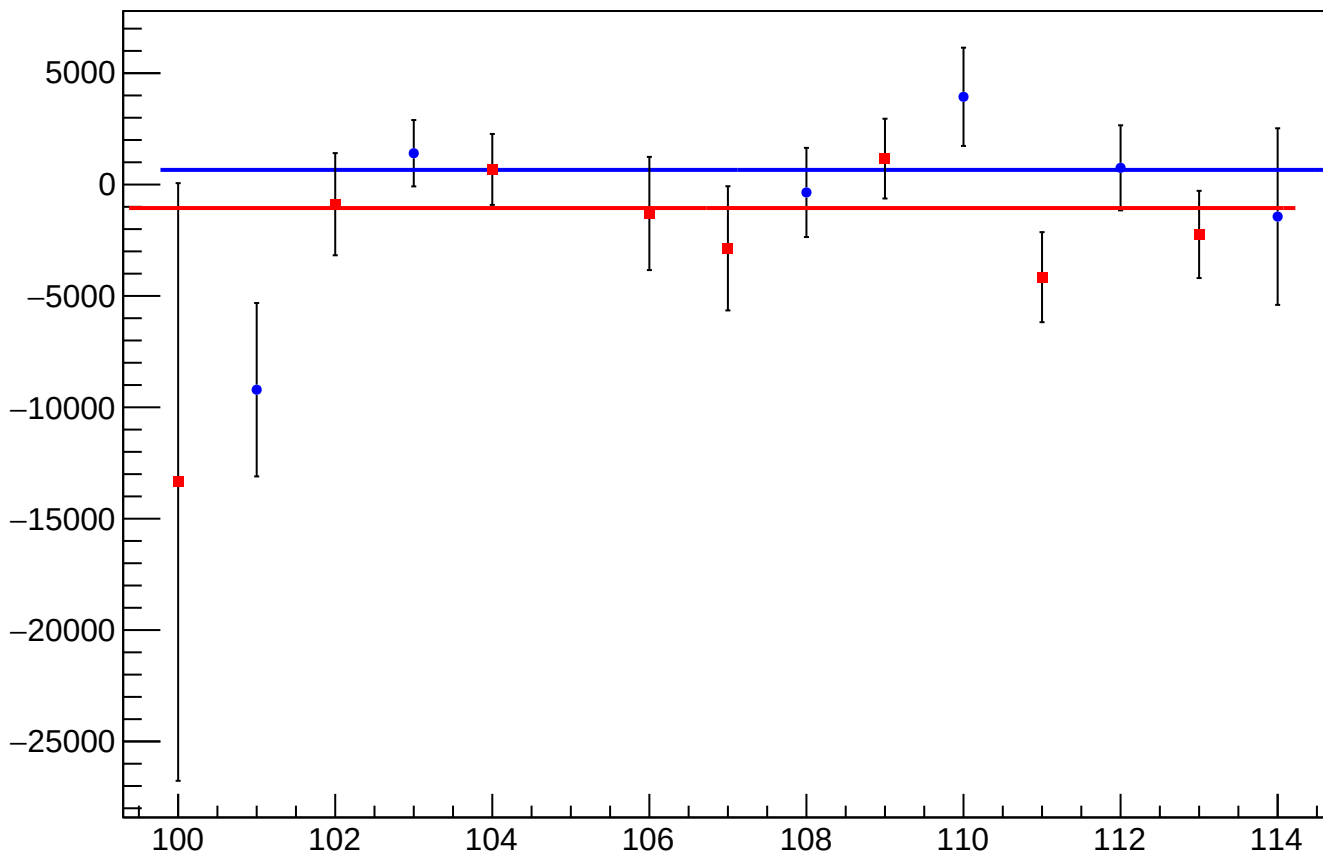
Right: 0.000+/-0.000 χ^2/NDF : 1319397.5/13

In: 0.000+/-0.000 χ^2/NDF : 339683.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319397.5/13

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

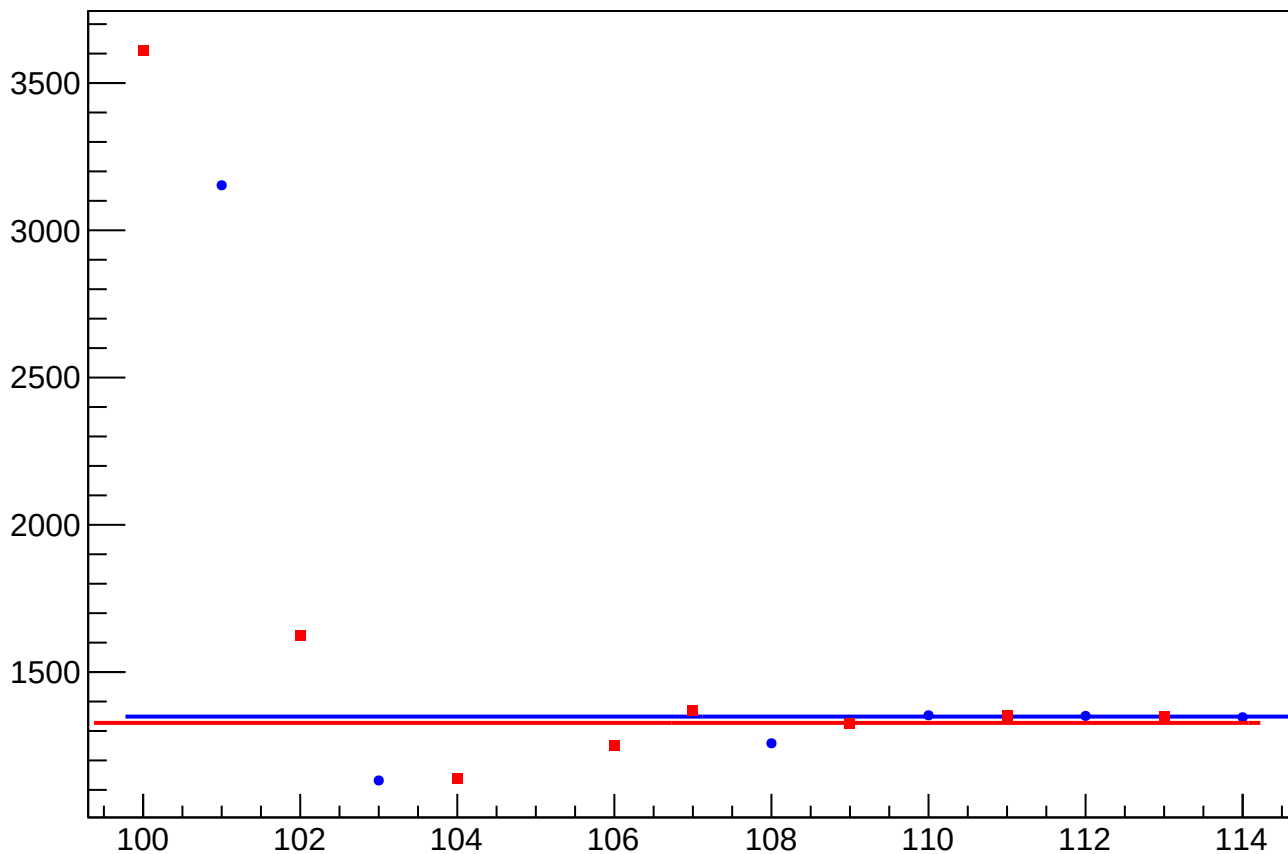
Right: -306.588+/-577.270 χ^2/NDF : 18.3/13

In: 658.551+/-873.748 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.588+/-577.270 χ^2/NDF : 18.3/13

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.860+/-0.618 χ^2/NDF : 476001.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.452+/-0.544 χ^2/NDF : 121837.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

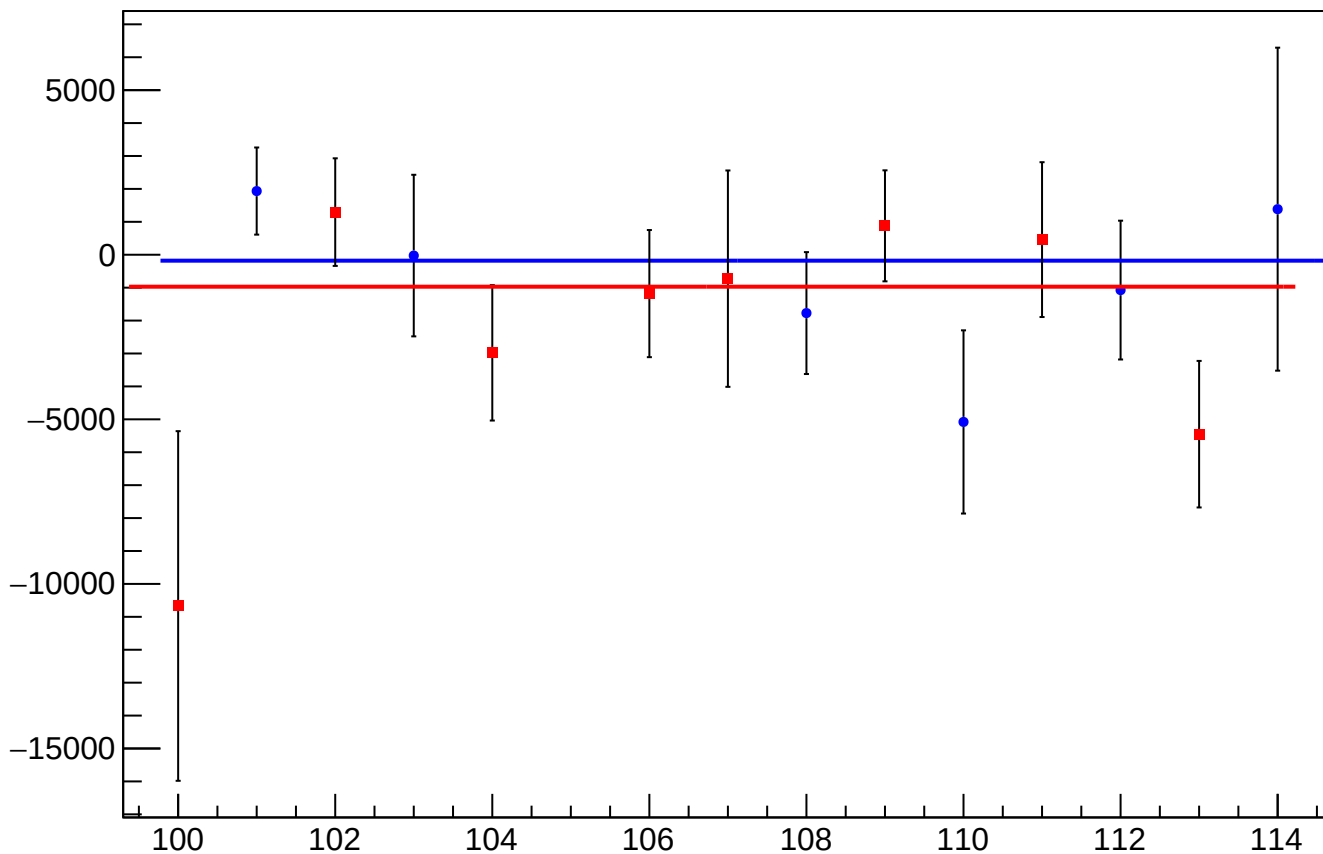
Right: 1336.797+/-0.408 χ^2/NDF : 598515.4/13

In: 1348.860+/-0.618 χ^2/NDF : 476001.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.797+/-0.408 χ^2/NDF : 598515.4/13

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

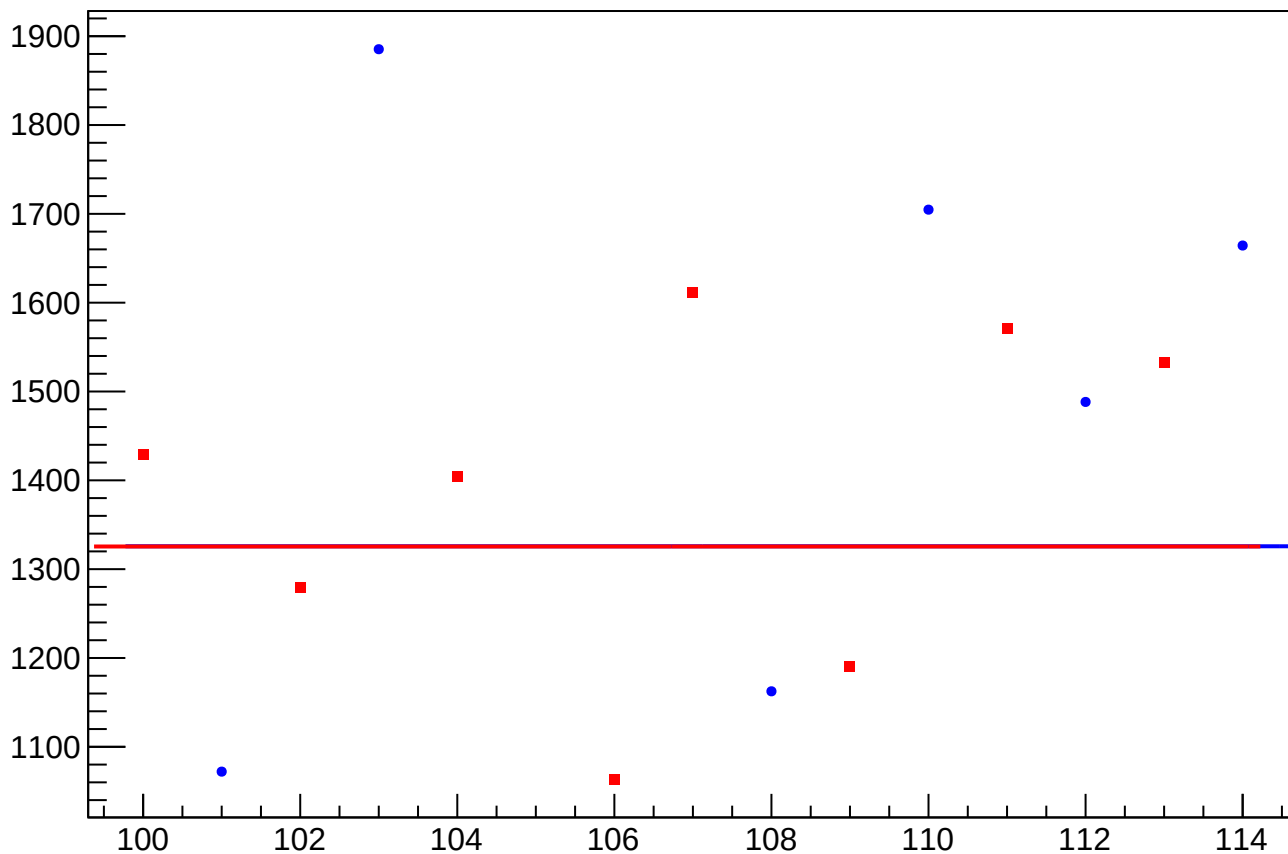
Right: -615.064+/-562.057 χ^2/NDF : 19.0/13

In: -180.333+/-837.953 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.064+/-562.057 χ^2/NDF : 19.0/13

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1325.766+/-0.593 χ^2/NDF : 251487.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.516+/-0.536 χ^2/NDF : 109104.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

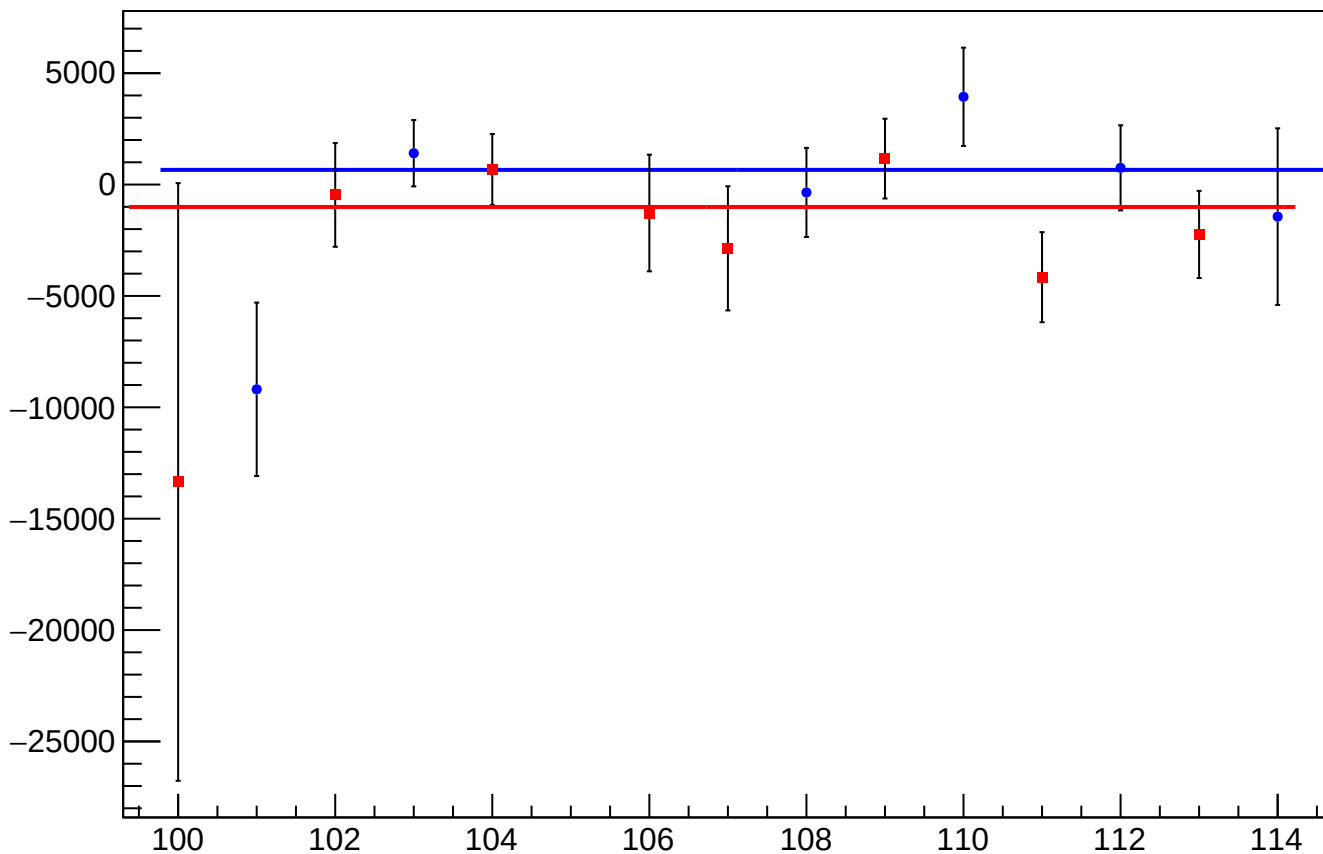
Right: 1325.629+/-0.397 χ^2/NDF : 360591.8/13

In: 1325.766+/-0.593 χ^2/NDF : 251487.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.629+/-0.397 χ^2/NDF : 360591.8/13

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

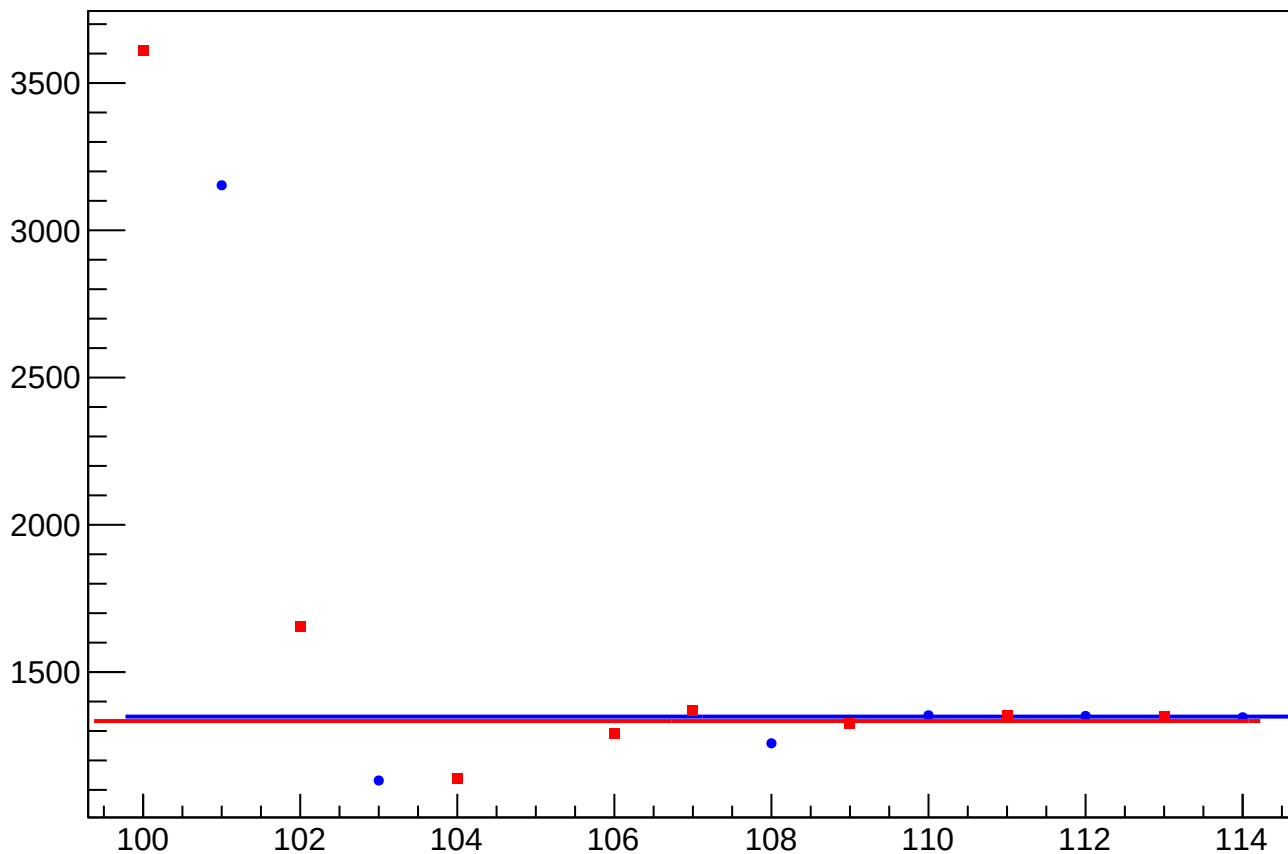
Right: -275.537+/-578.689 χ^2/NDF : 18.2/13

In: 659.316+/-873.749 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.537+/-578.689 χ^2/NDF : 18.2/13

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

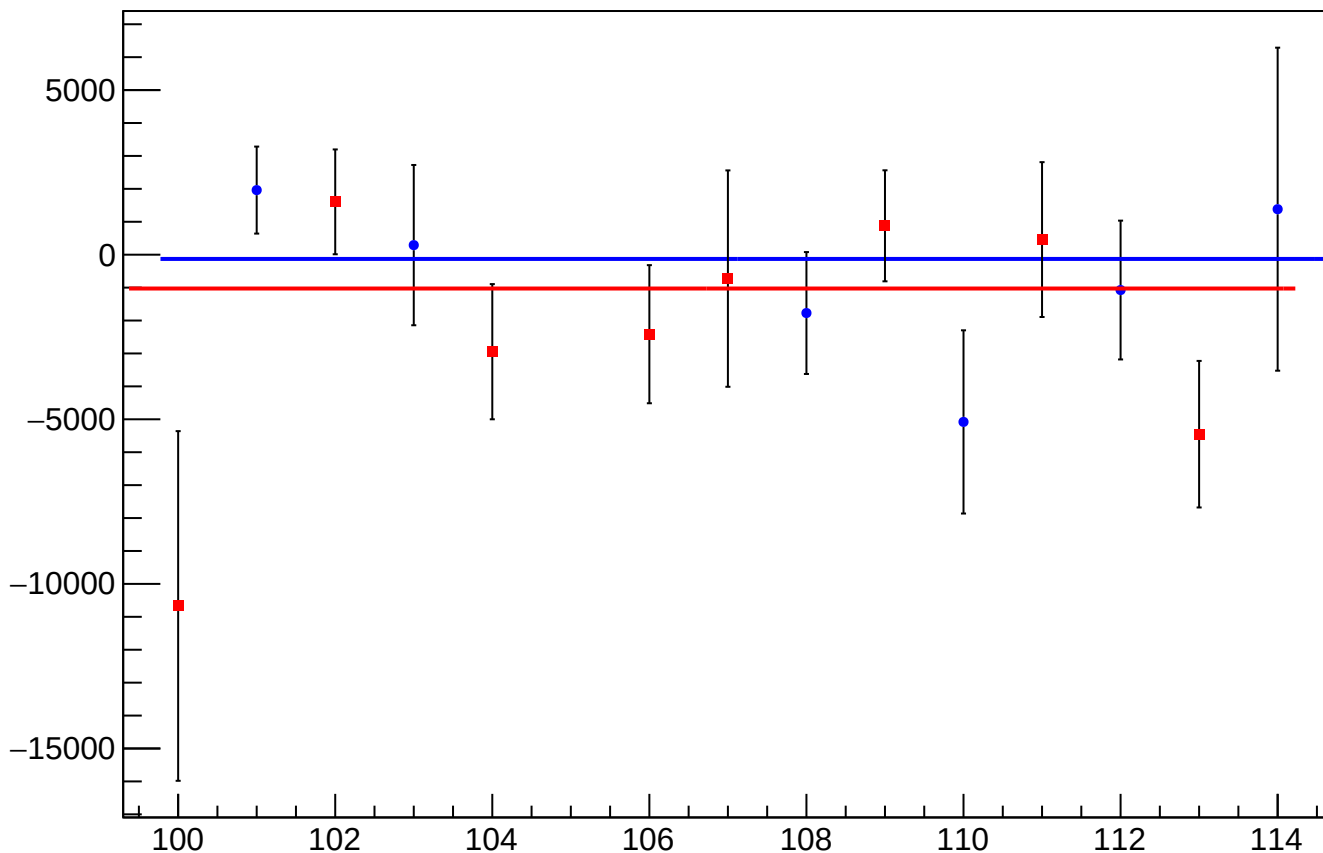
Right: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

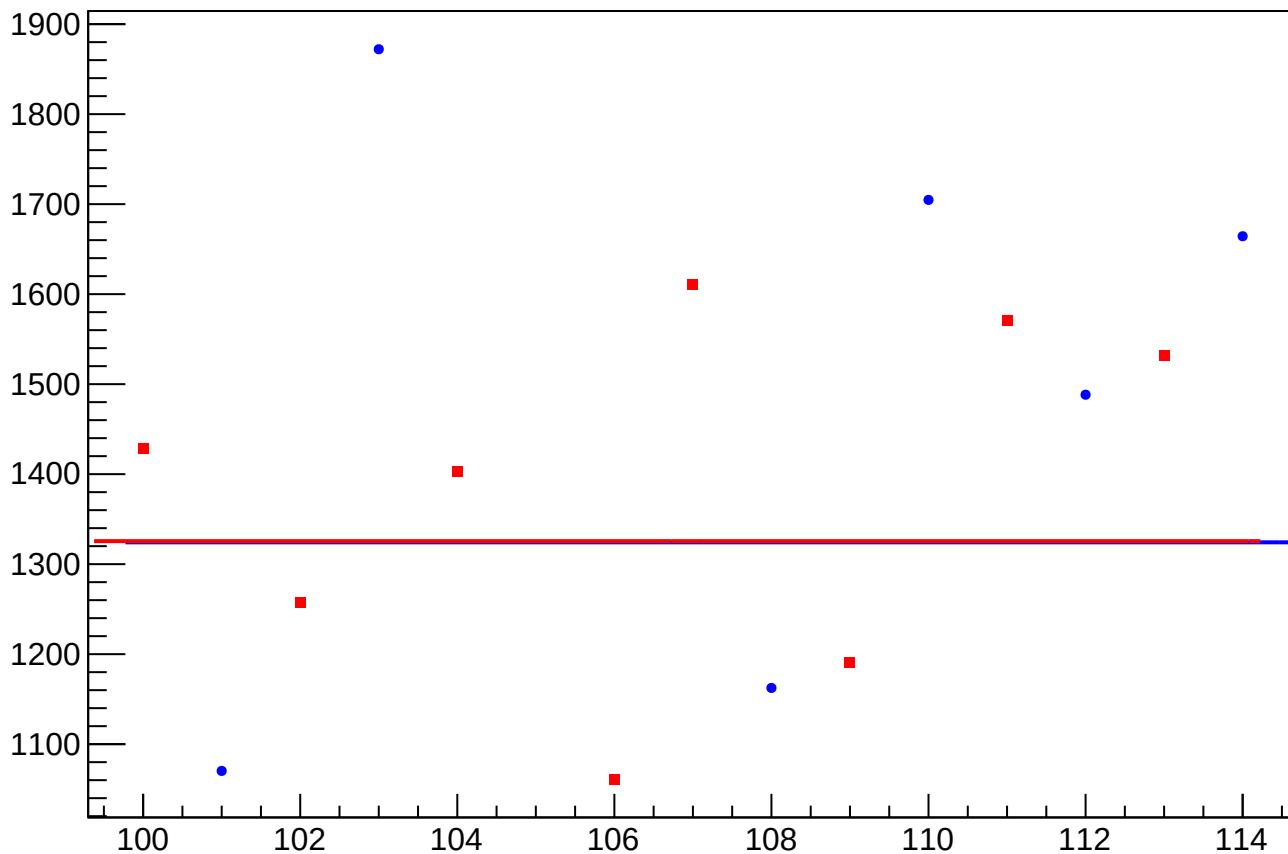
Right: -619.992+/-563.431 χ^2/NDF : 20.4/13

In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.992+/-563.431 χ^2/NDF : 20.4/13

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

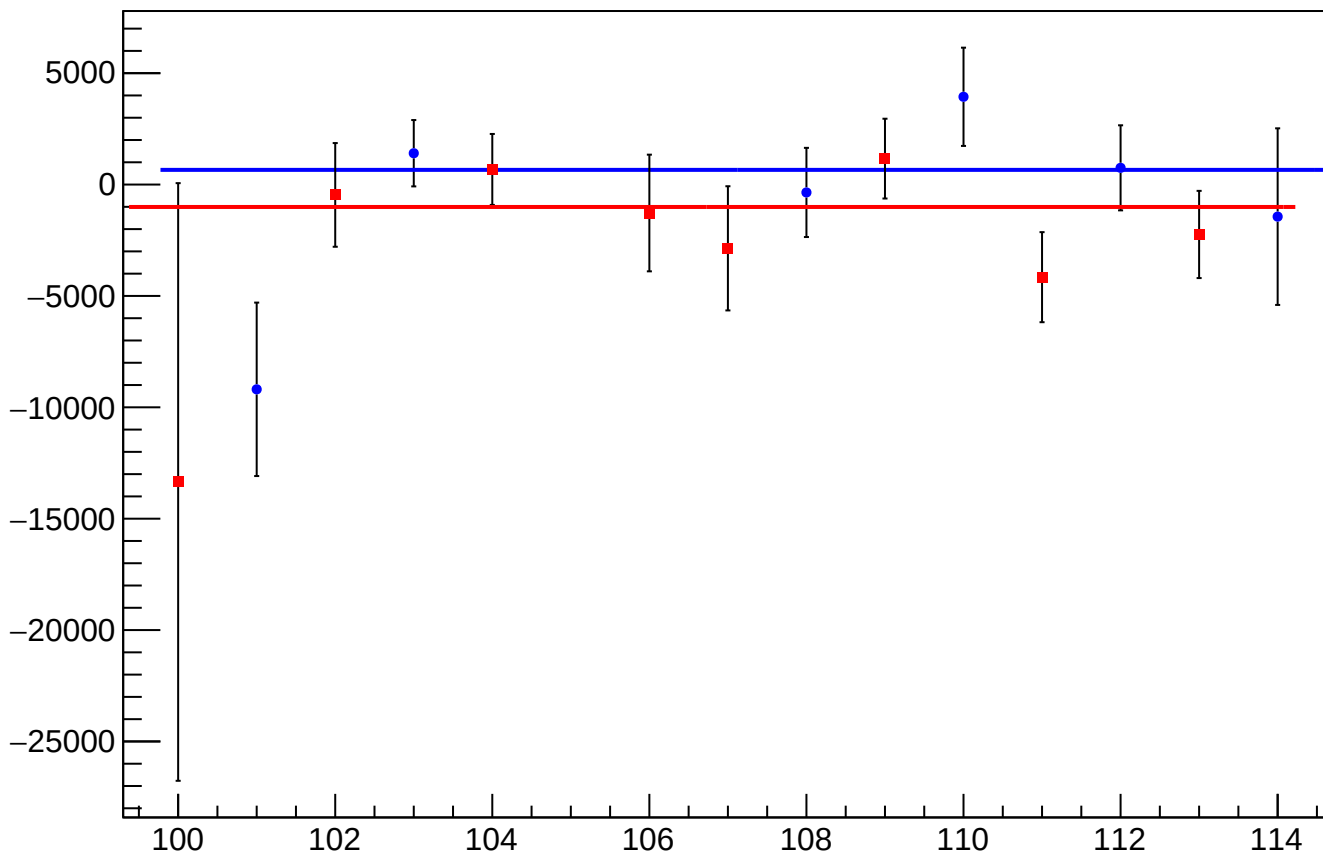
Right: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

In: 1324.251+/-0.592 χ^2/NDF : 249555.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

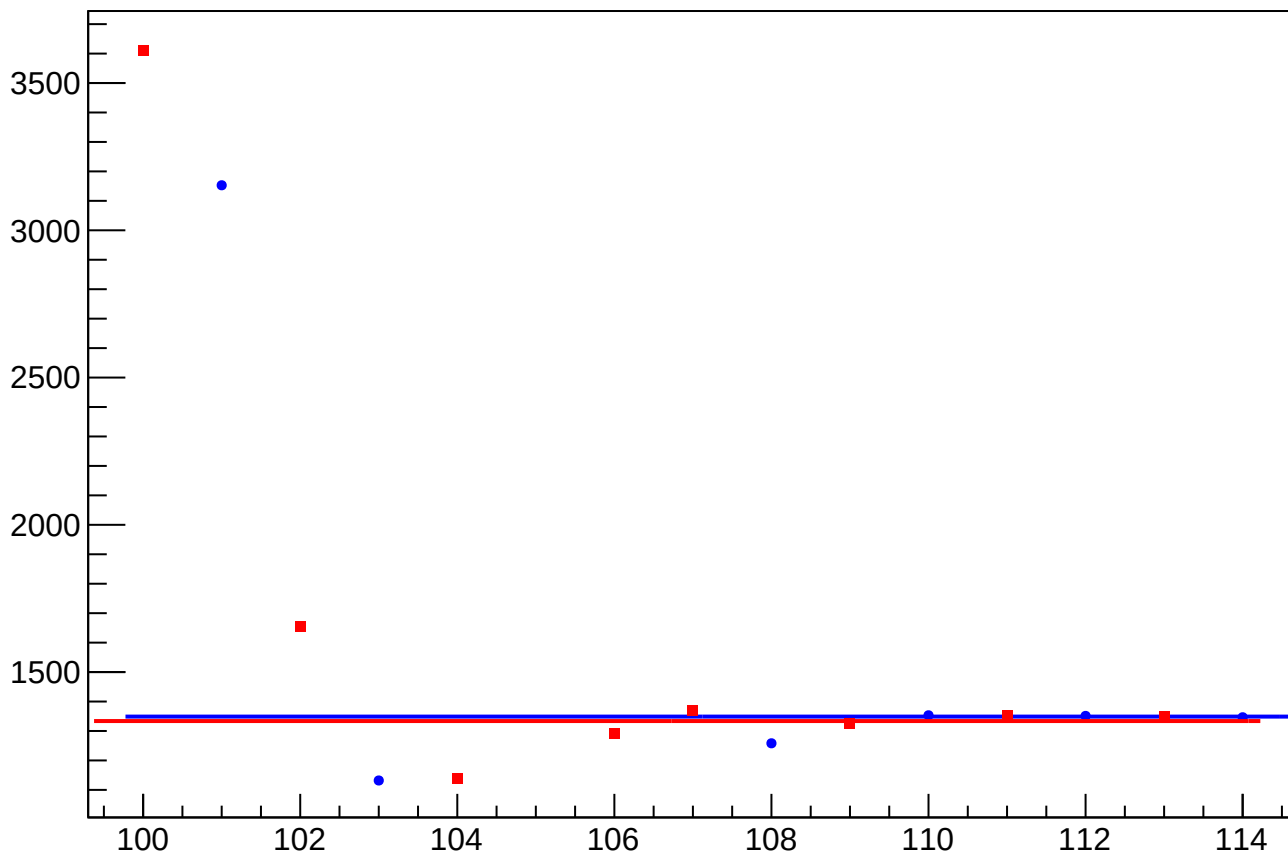
Right: -275.537+/-578.689 χ^2/NDF : 18.2/13

In: 659.316+/-873.749 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.537+/-578.689 χ^2/NDF : 18.2/13

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

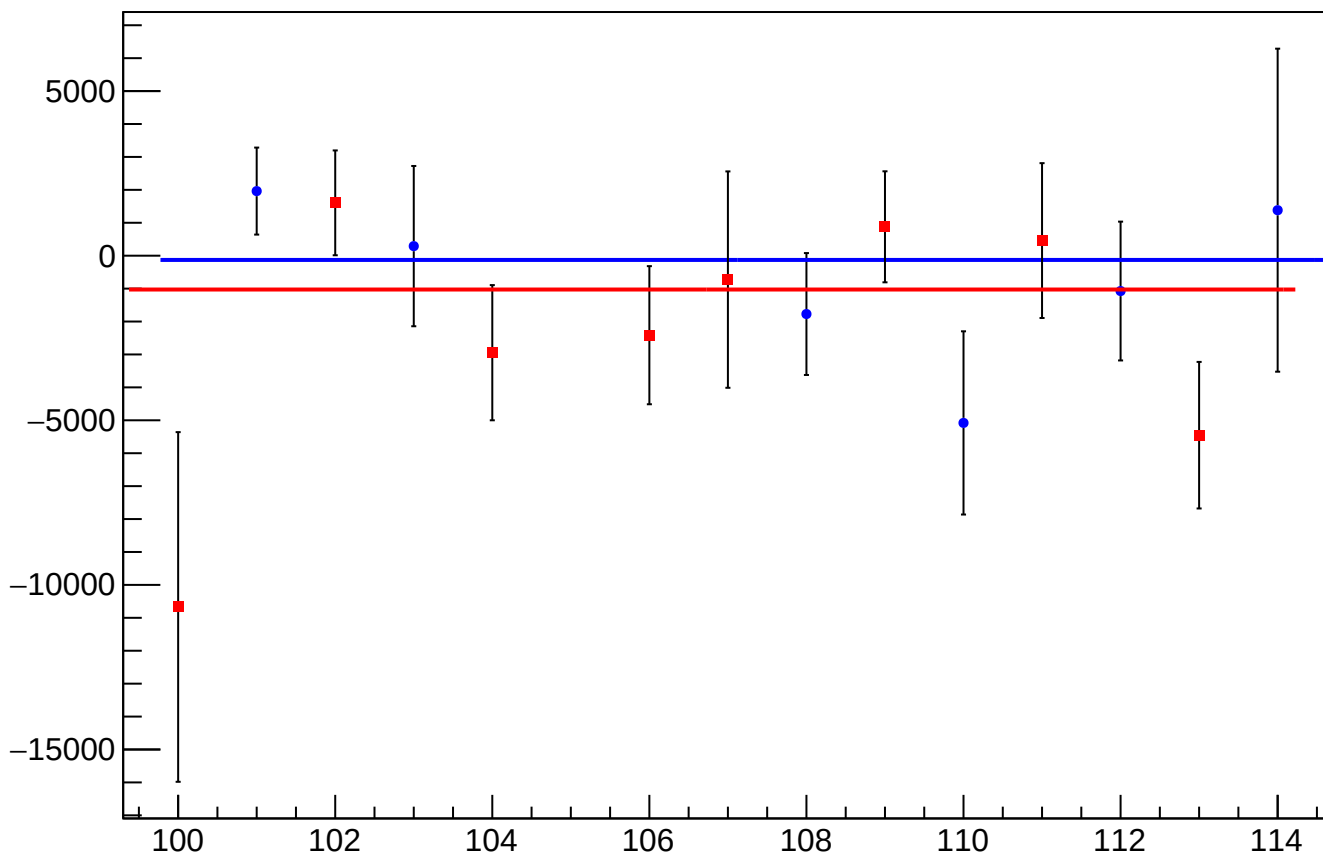
Right: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

In: 1348.859+/-0.618 χ^2/NDF : 476002.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.373+/-0.409 χ^2/NDF : 602903.4/13

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

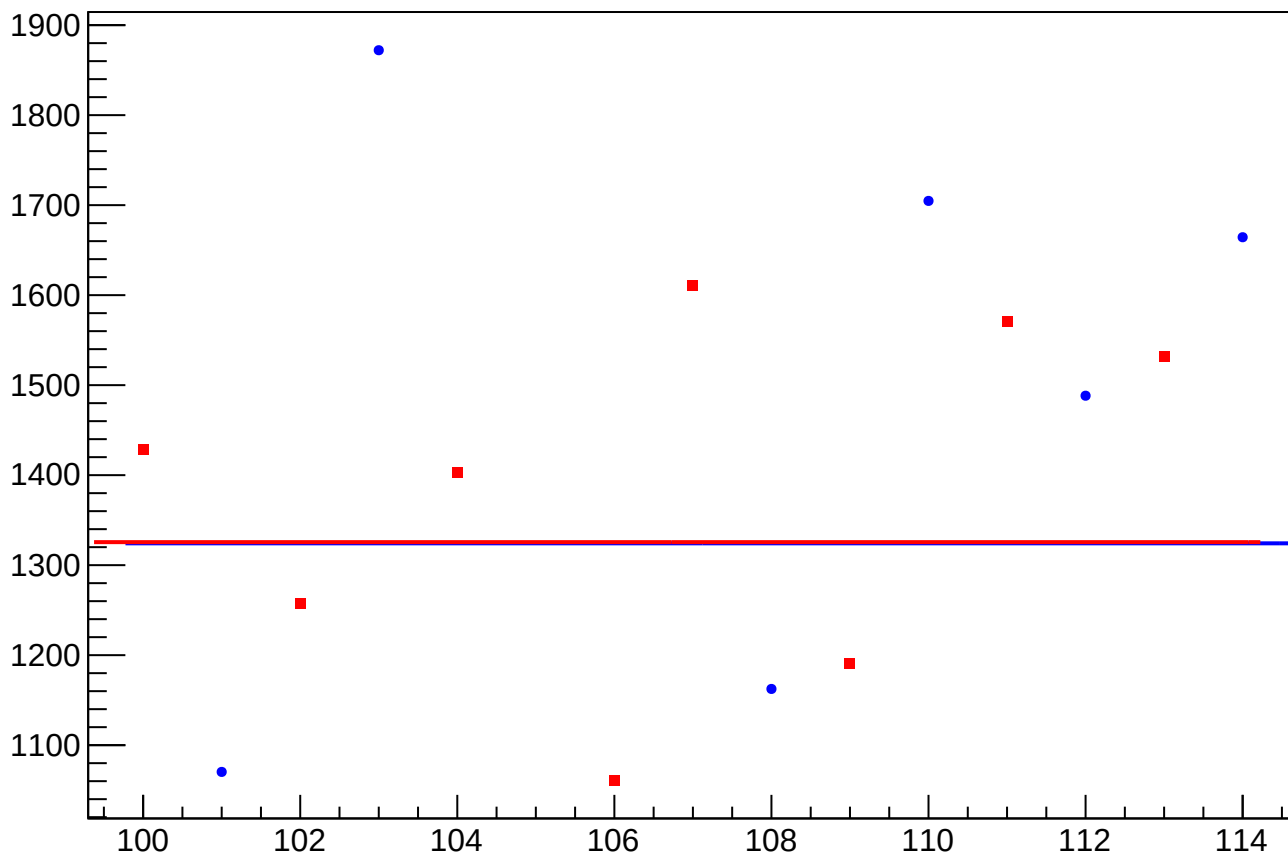
Right: -619.992+/-563.431 χ^2/NDF : 20.4/13

In: -128.886+/-836.611 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.992+/-563.431 χ^2/NDF : 20.4/13

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

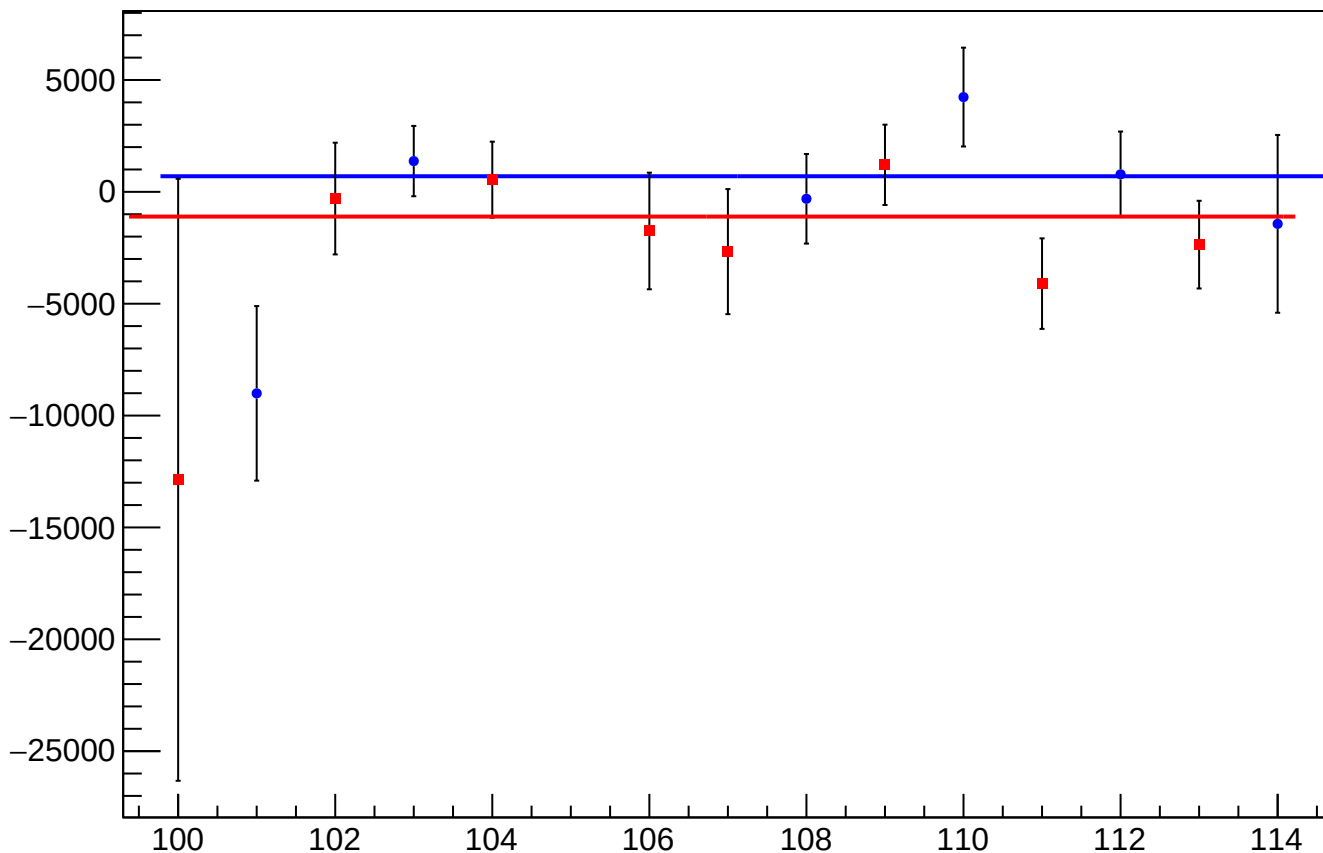
Right: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

In: 1324.251+/-0.592 χ^2/NDF : 249555.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.977+/-0.398 χ^2/NDF : 355581.9/13

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 697.774+/-890.149 χ^2/NDF : 9.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1105.096+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

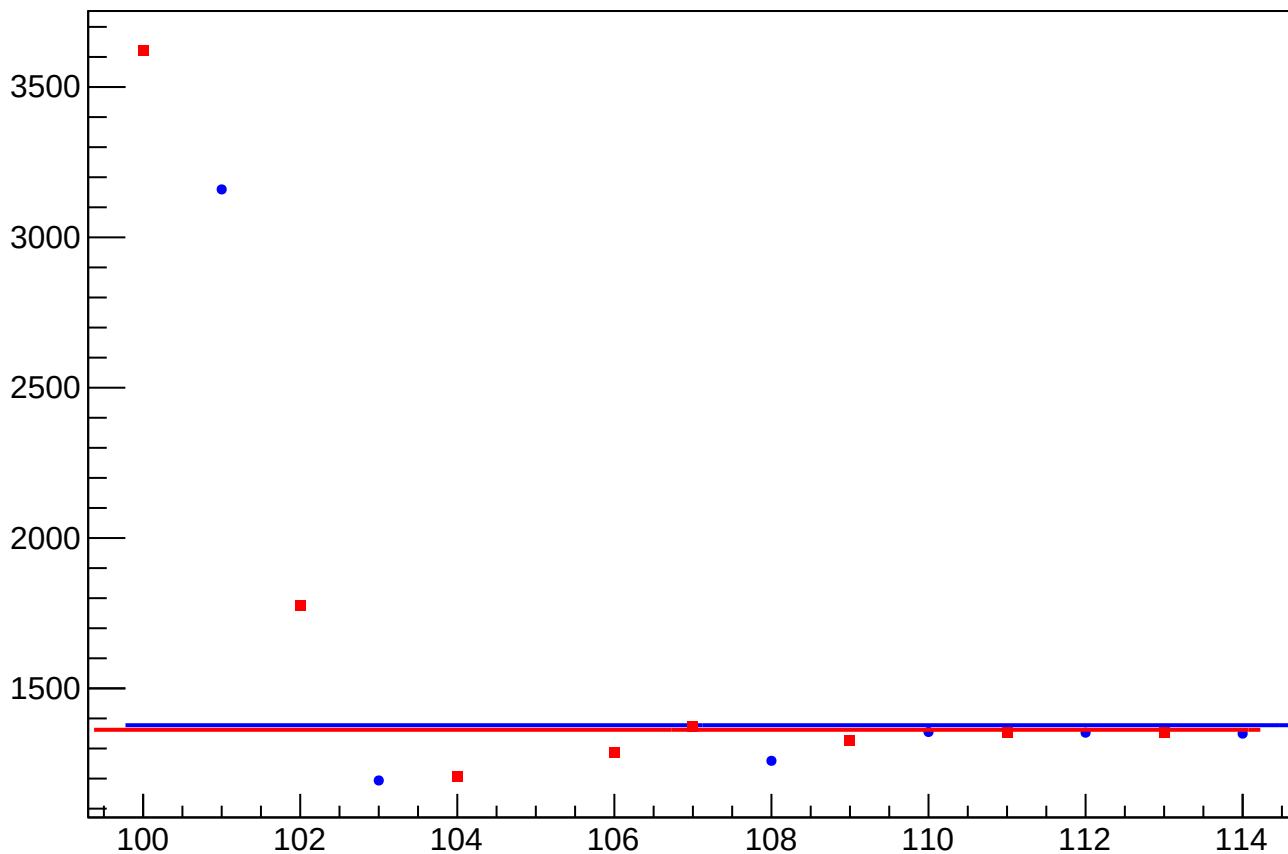
Right: -310.833+/-590.830 χ^2/NDF : 18.2/13

In: 697.774+/-890.149 χ^2/NDF : 9.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.833+/-590.830 χ^2/NDF : 18.2/13

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1377.462+/-0.629 χ^2/NDF : 452258.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.240+/-0.559 χ^2/NDF : 130435.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

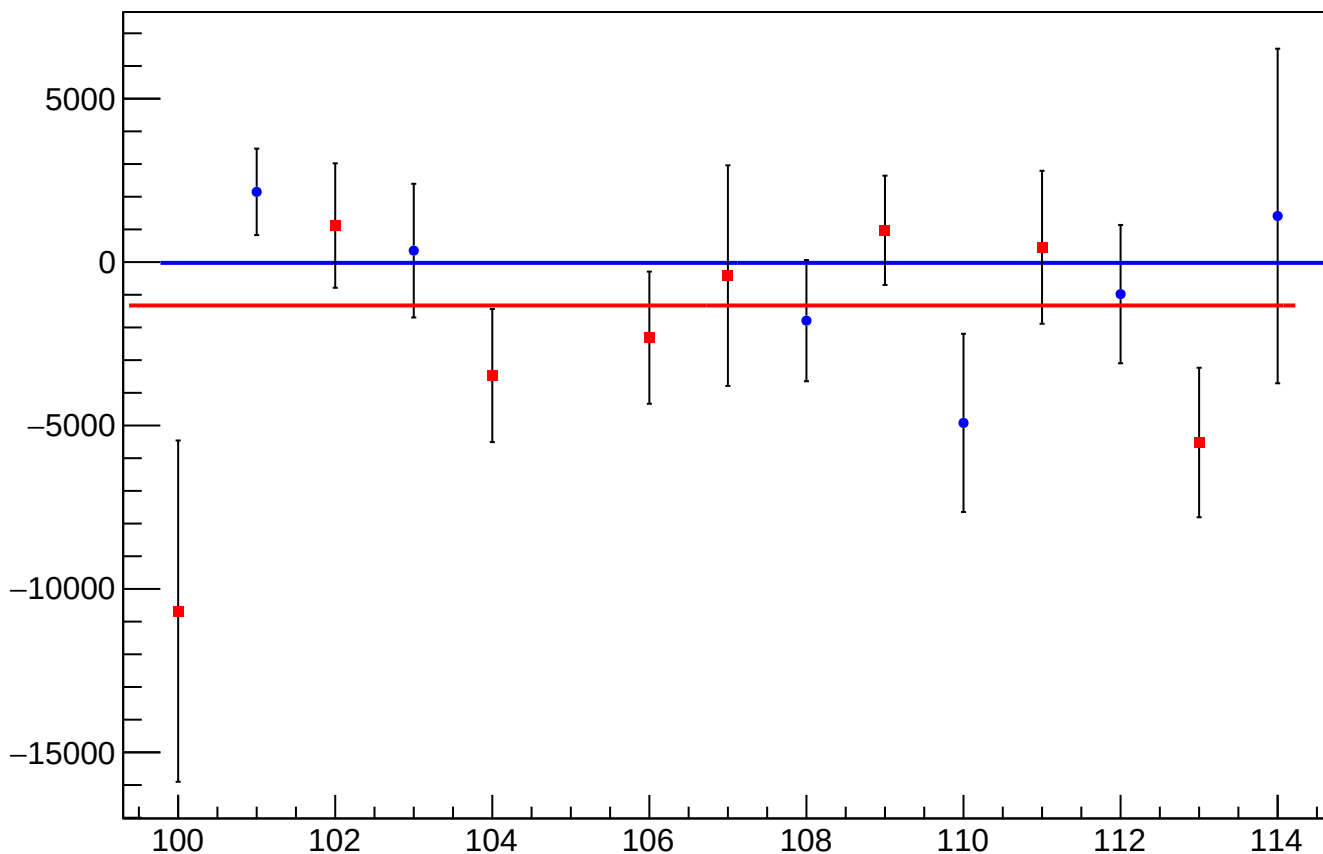
Right: 1368.946+/-0.418 χ^2/NDF : 583020.2/13

In: 1377.462+/-0.629 χ^2/NDF : 452258.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.946+/-0.418 χ^2/NDF : 583020.2/13

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -23.622 ± 817.225 $\chi^2/\text{NDF}: 7.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1327.016 ± 786.238 $\chi^2/\text{NDF}: 12.1/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

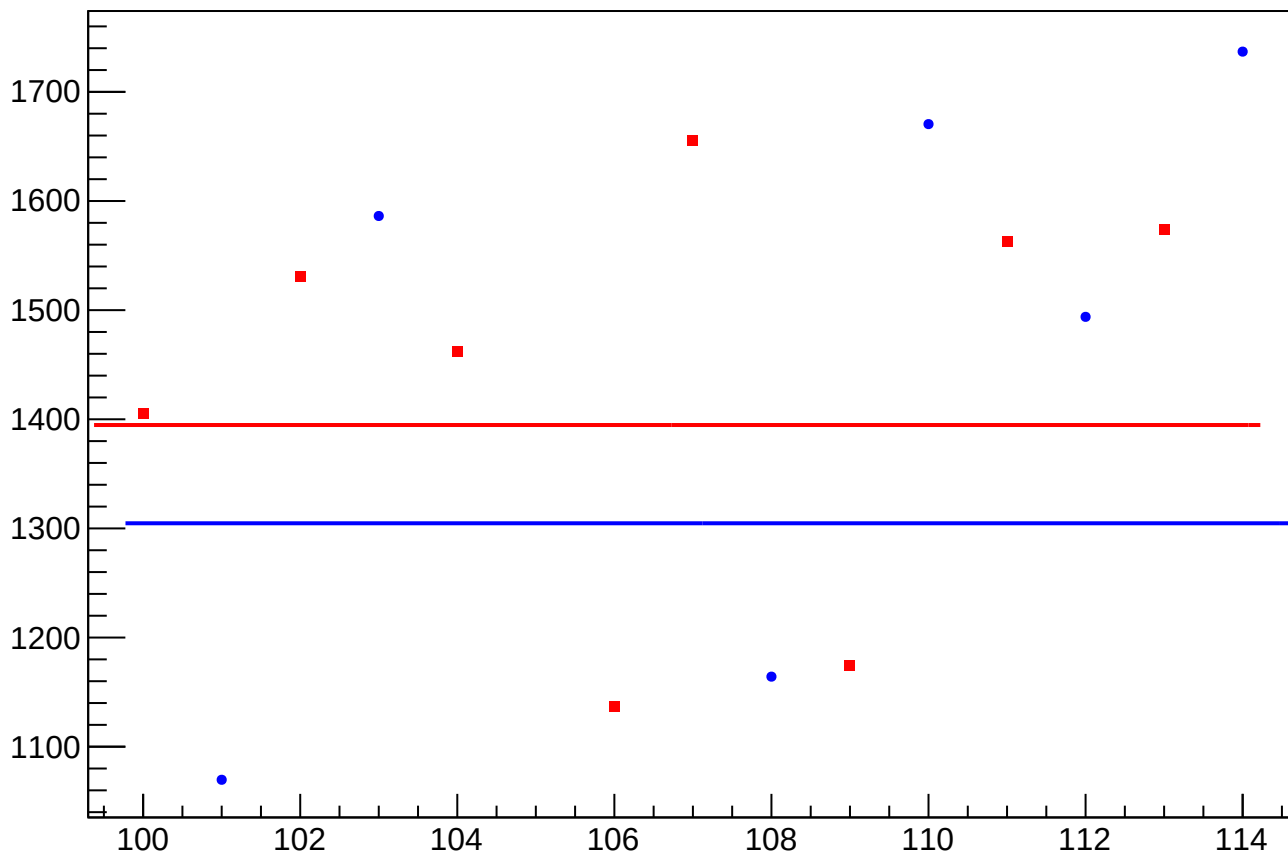
Right: -700.497 ± 566.592 $\chi^2/\text{NDF}: 20.6/13$

In: -23.622 ± 817.225 $\chi^2/\text{NDF}: 7.1/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -700.497 ± 566.592 $\chi^2/\text{NDF}: 20.6/13$

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

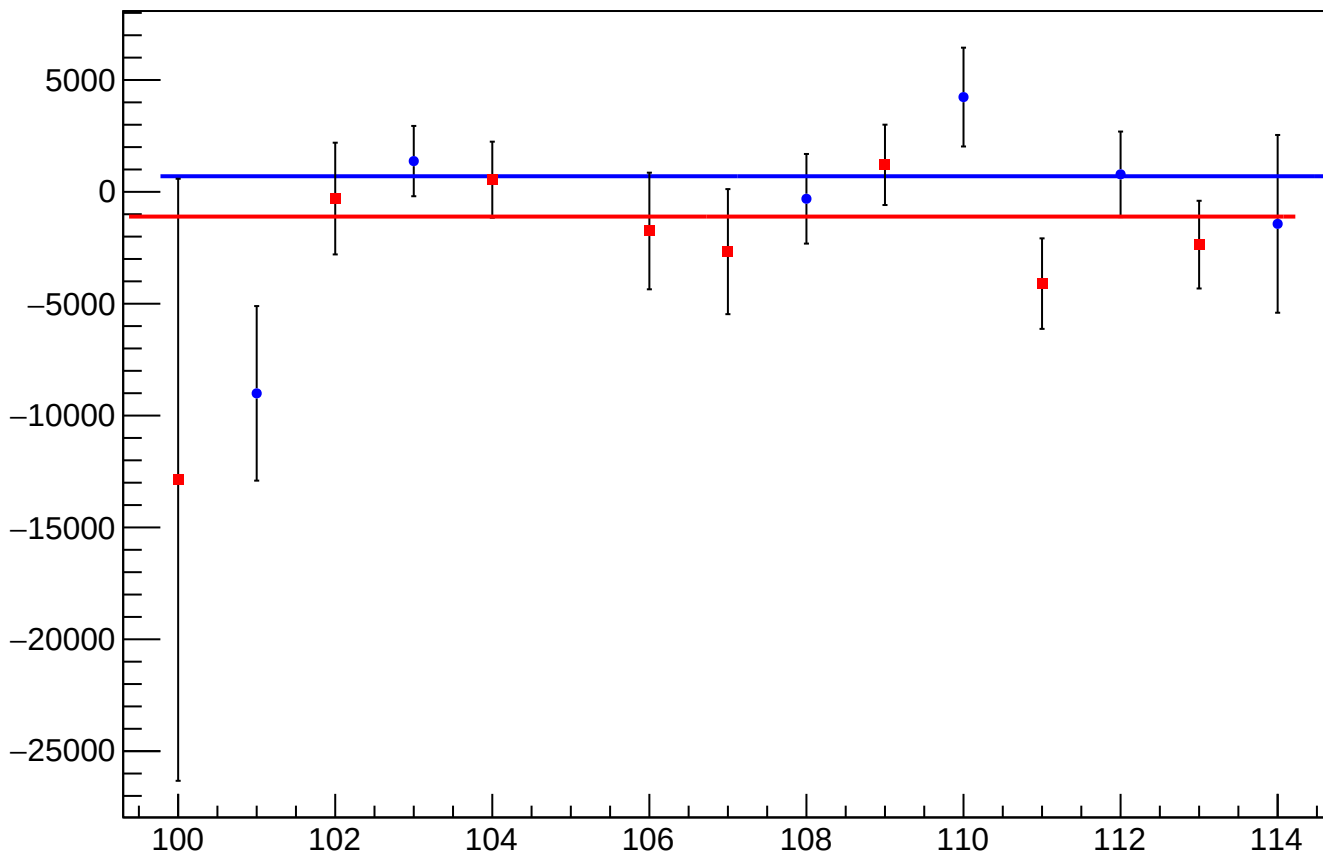
Right: 1351.468+/-0.401 χ^2/NDF : 305836.6/13

In: 1304.709+/-0.578 χ^2/NDF : 178753.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.468+/-0.401 χ^2/NDF : 305836.6/13

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 697.770+/-890.149 χ^2/NDF : 9.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1105.097+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

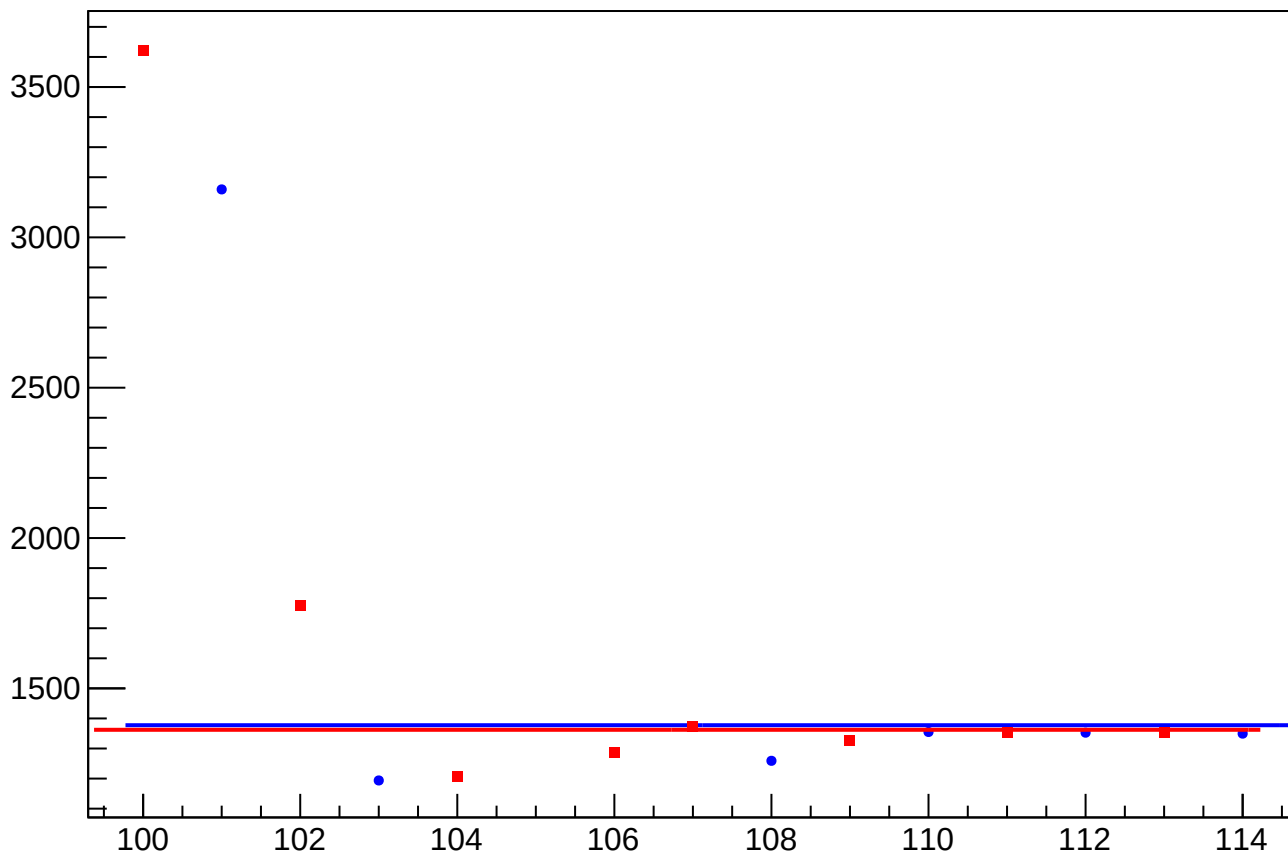
Right: -310.836+/-590.830 χ^2/NDF : 18.2/13

In: 697.770+/-890.149 χ^2/NDF : 9.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.836+/-590.830 χ^2/NDF : 18.2/13

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1377.462+/-0.629 χ^2/NDF : 452258.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.239+/-0.559 χ^2/NDF : 130434.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

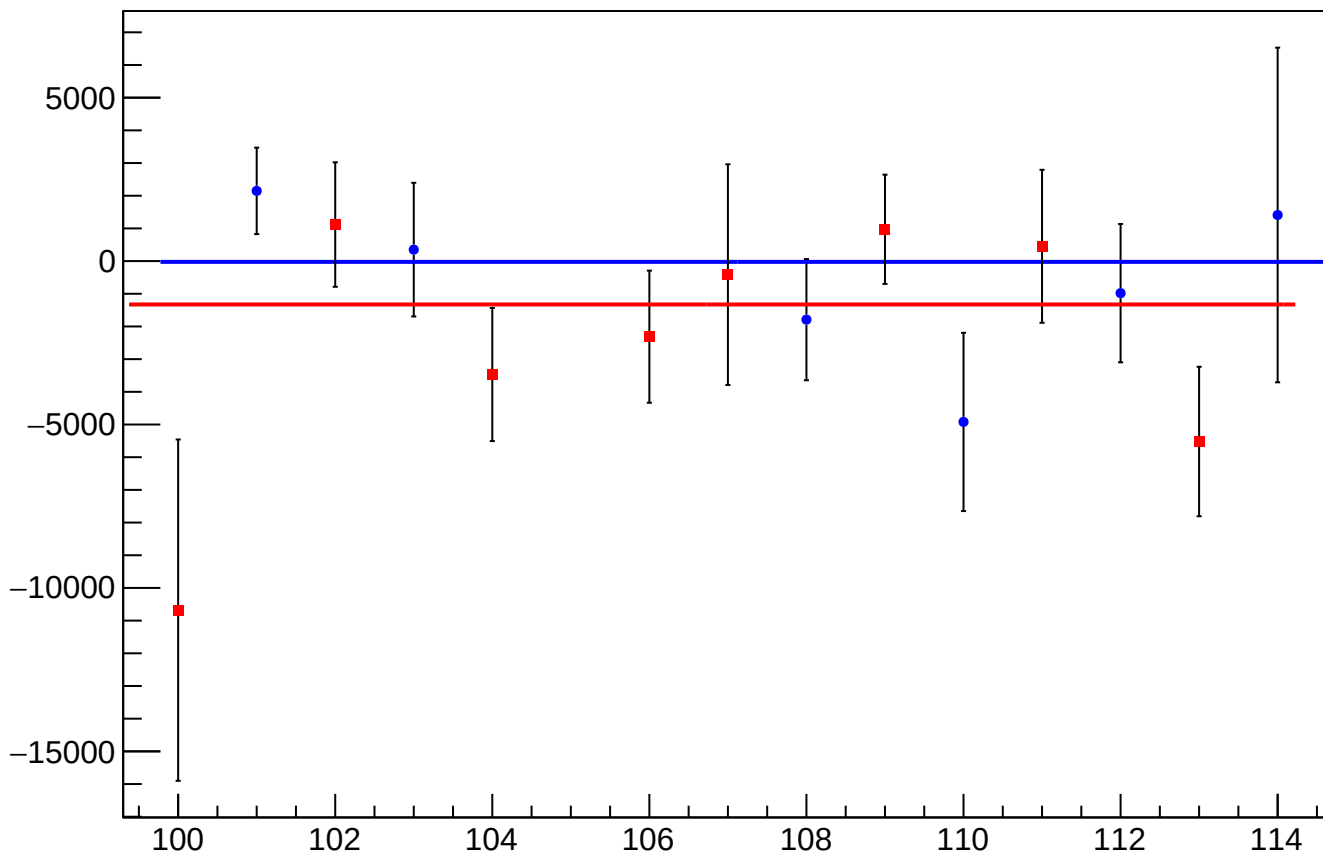
Right: 1368.945+/-0.418 χ^2/NDF : 583020.5/13

In: 1377.462+/-0.629 χ^2/NDF : 452258.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.945+/-0.418 χ^2/NDF : 583020.5/13

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

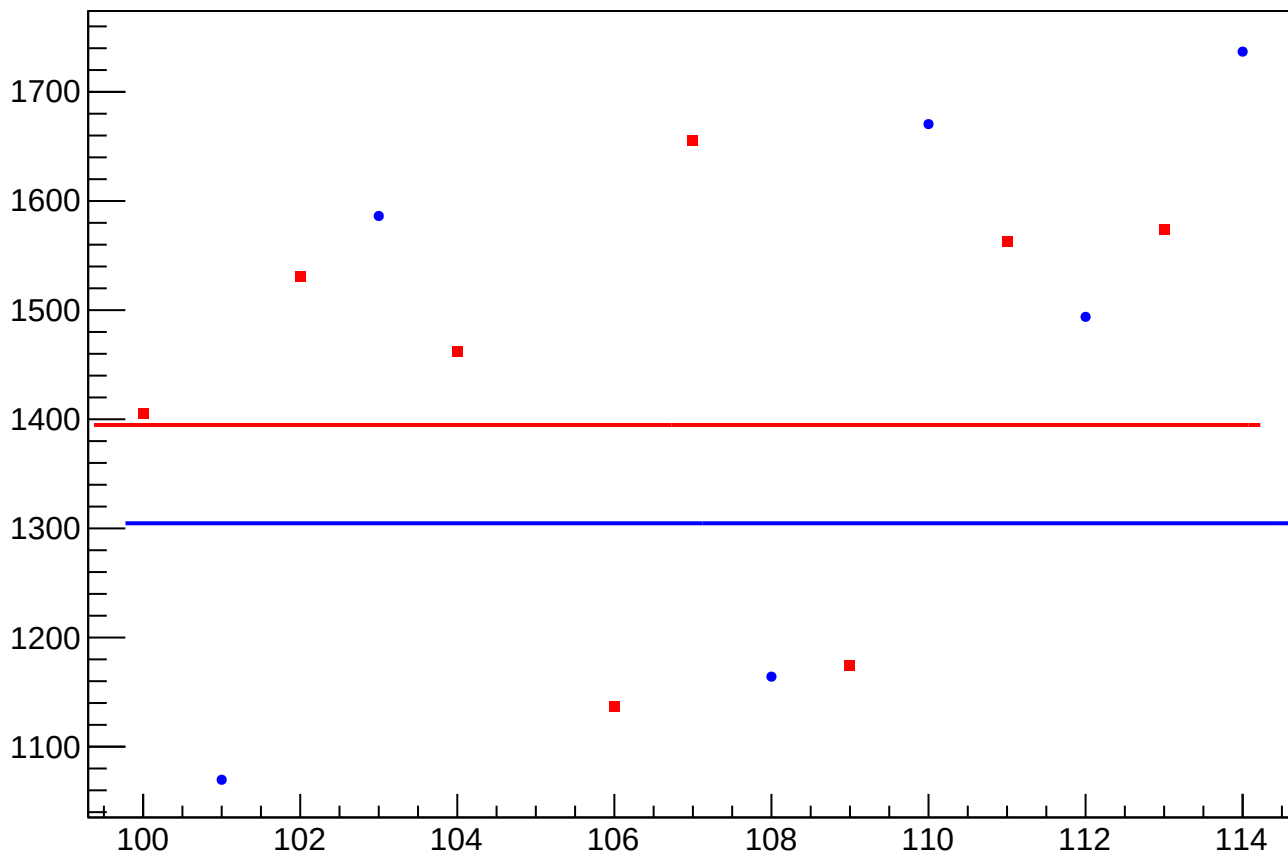
Right: -700.497+/-566.591 χ^2/NDF : 20.6/13

In: -23.621+/-817.222 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.497+/-566.591 χ^2/NDF : 20.6/13

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

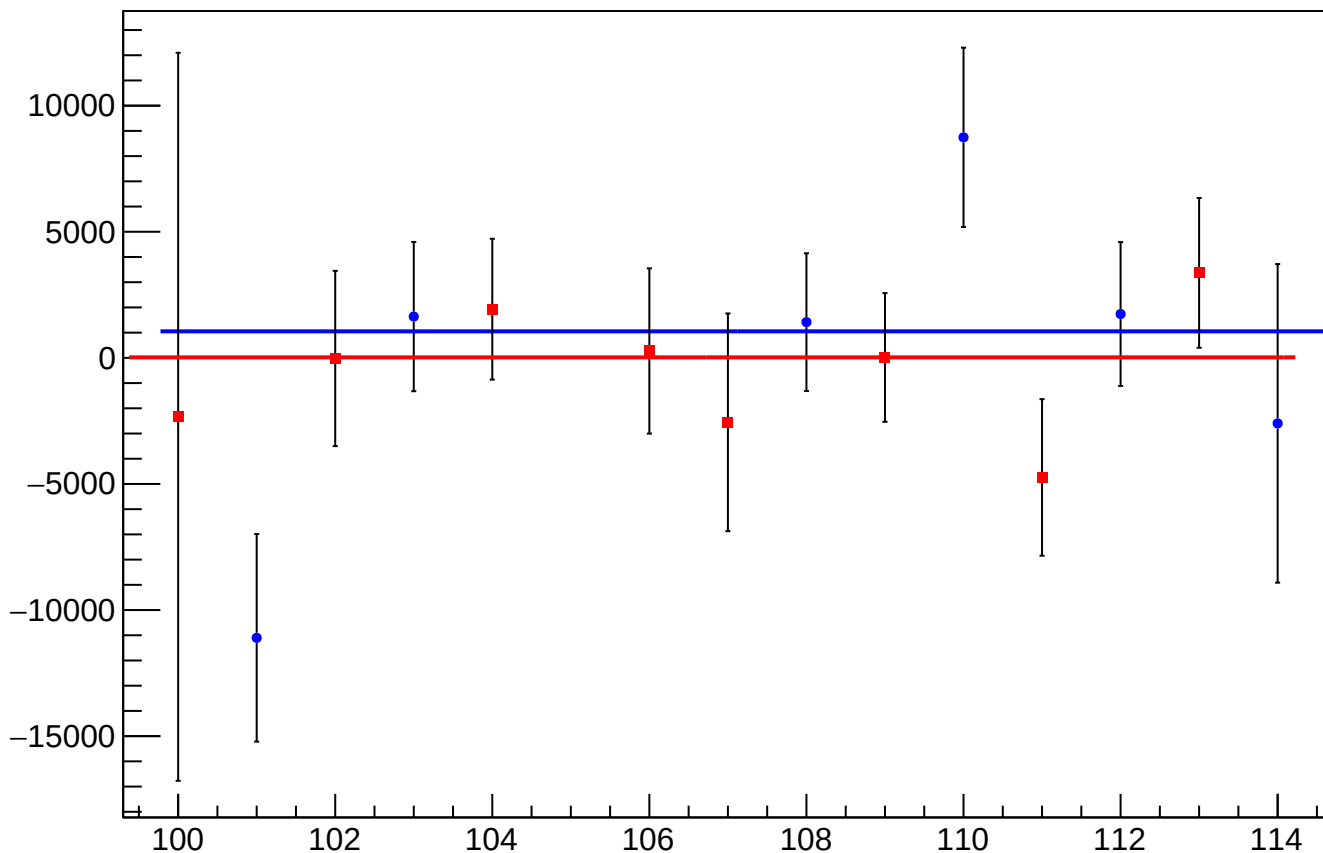
Right: 1351.465+/-0.401 χ^2/NDF : 305847.9/13

In: 1304.704+/-0.578 χ^2/NDF : 178760.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.465+/-0.401 χ^2/NDF : 305847.9/13

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

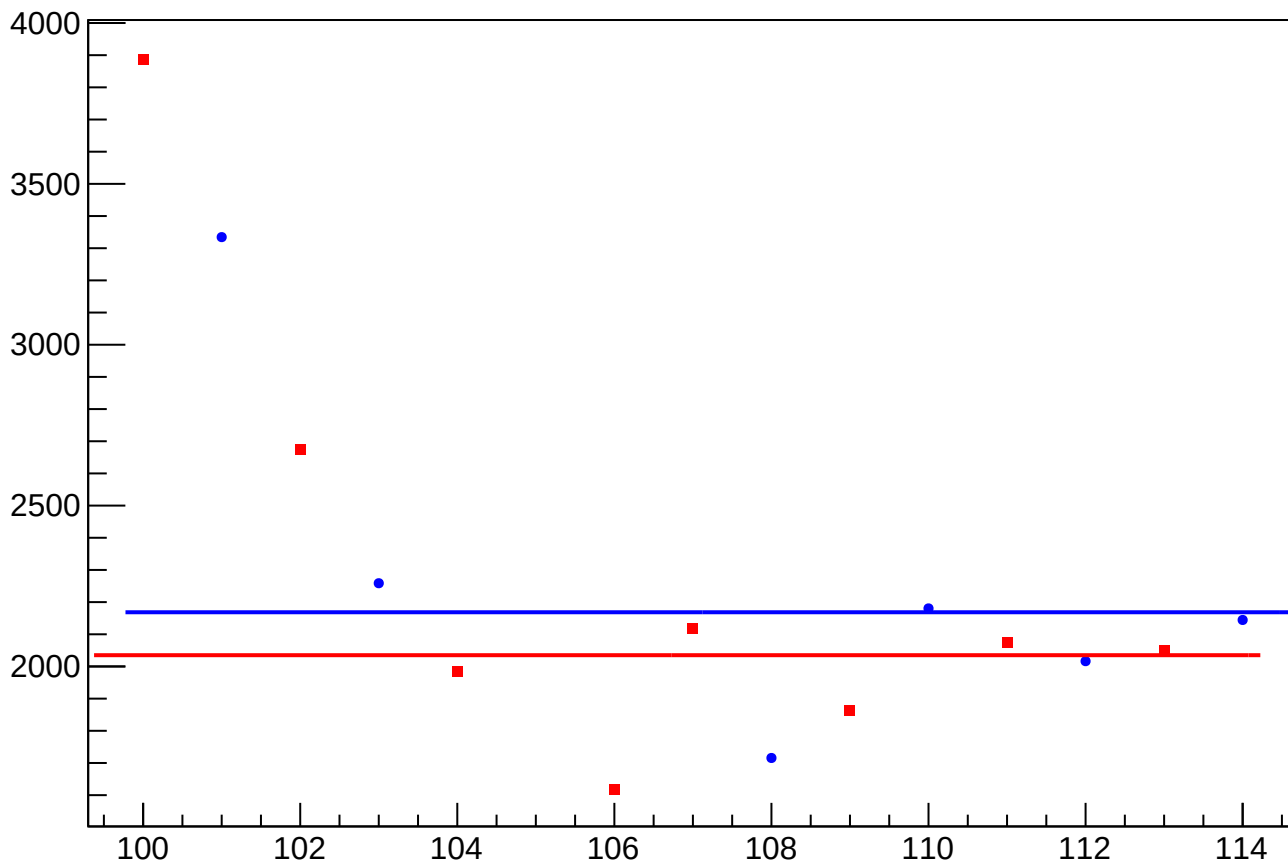
Right: 455.183+/-888.170 χ^2/NDF : 18.7/13

In: 1051.706+/-1367.861 χ^2/NDF : 13.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.183+/-888.170 χ^2/NDF : 18.7/13

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

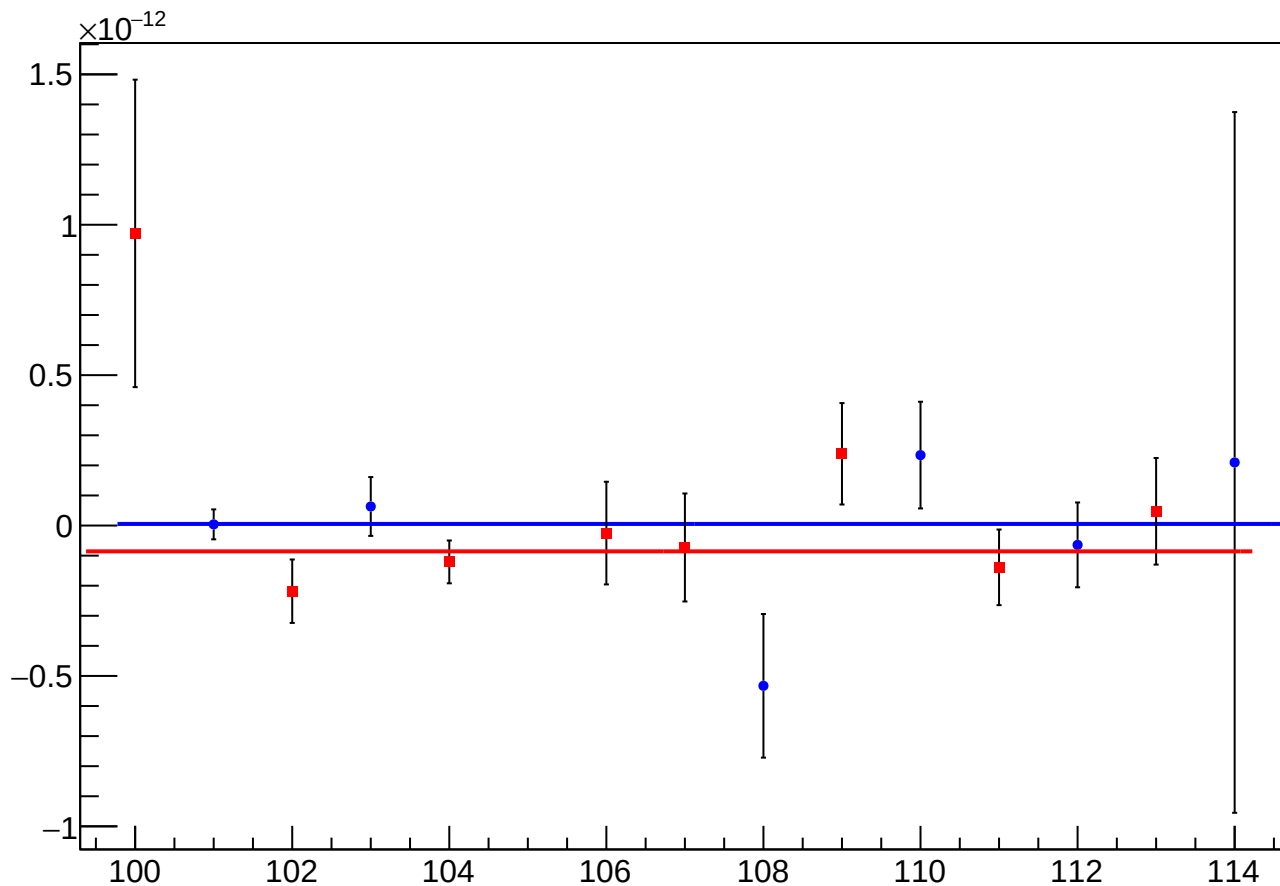
Right: 2091.277+/-0.628 χ^2/NDF : 377898.2/13

In: 2168.472+/-0.967 χ^2/NDF : 223110.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2091.277+/-0.628 χ^2/NDF : 377898.2/13

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

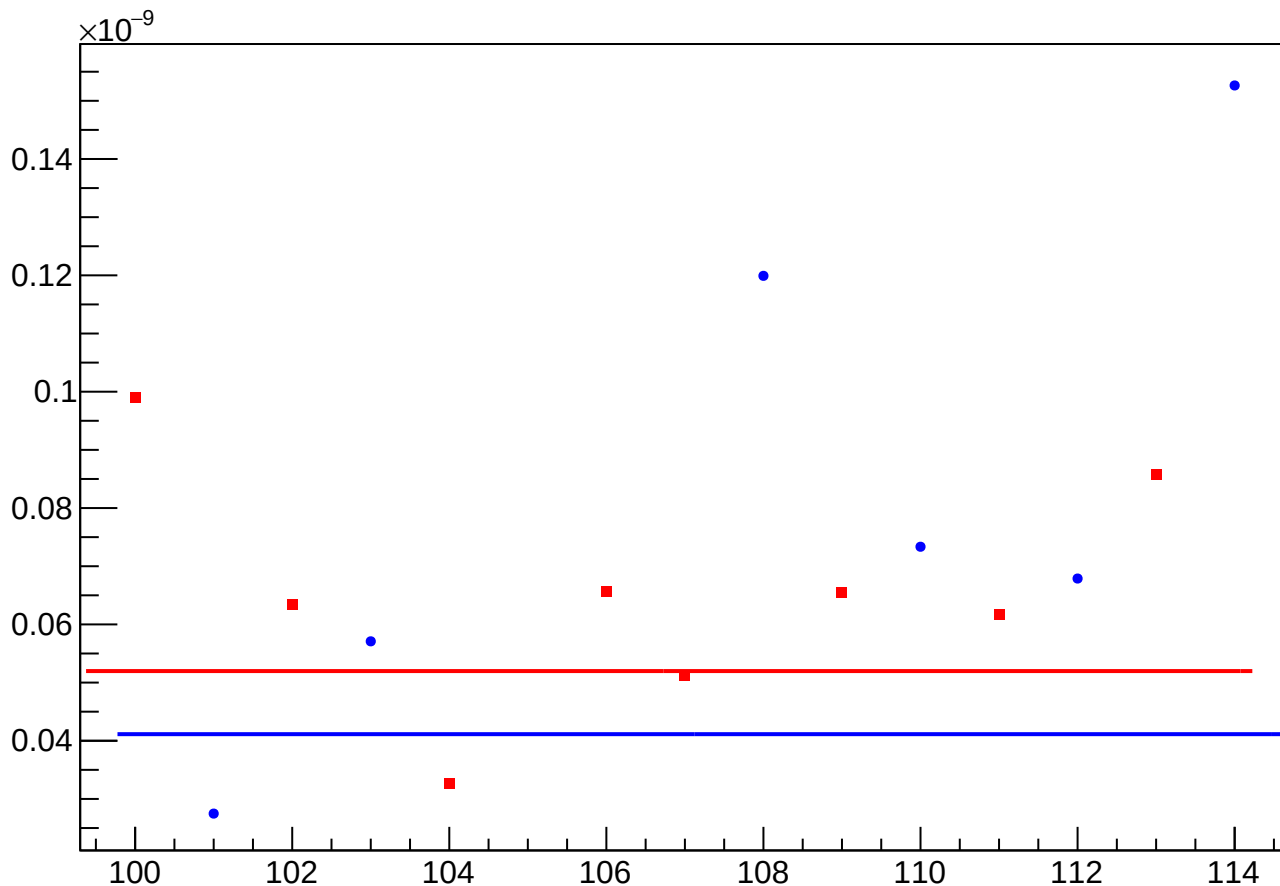
Right: -0.000+/-0.000 χ^2/NDF : 20.3/13

In: 0.000+/-0.000 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.3/13

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

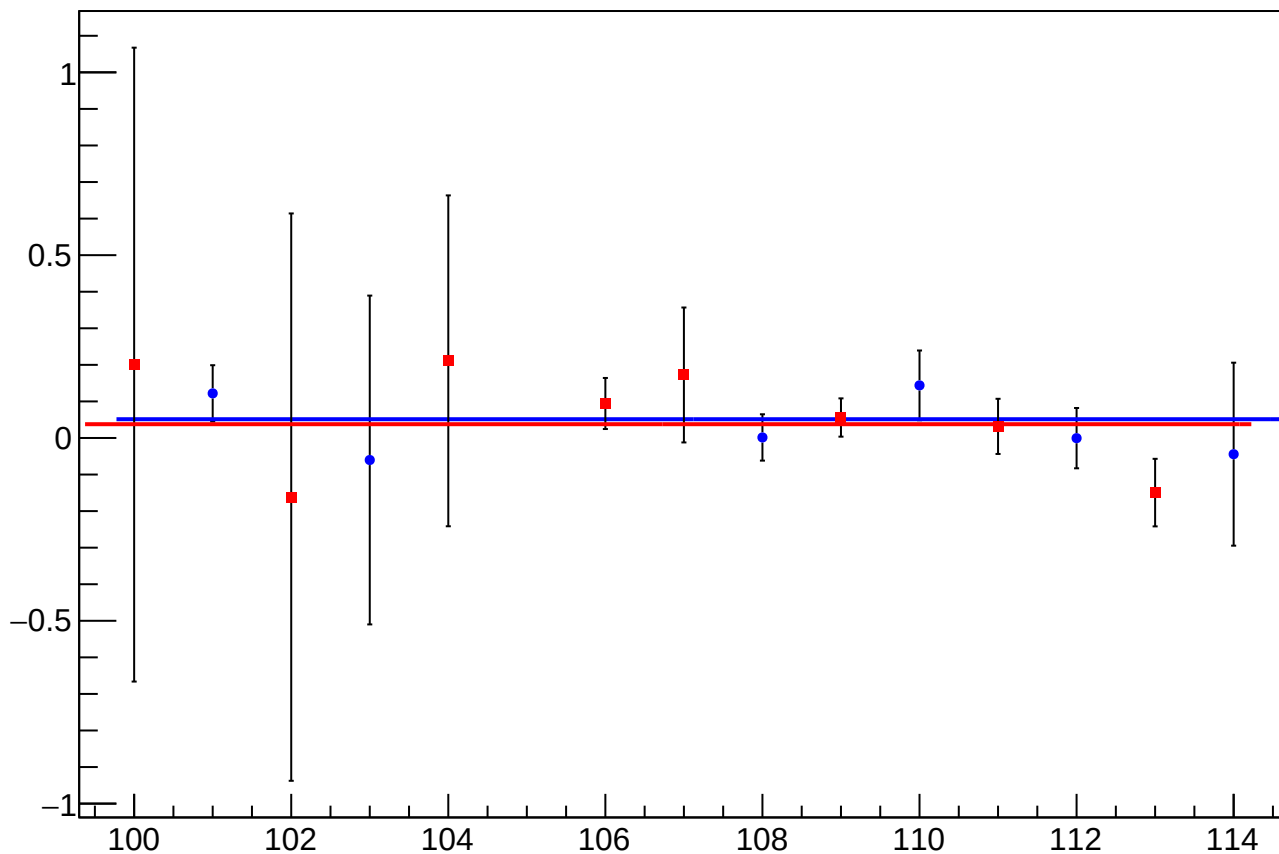
Right: 0.000+/-0.000 χ^2/NDF : 940737.4/13

In: 0.000+/-0.000 χ^2/NDF : 577565.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940737.4/13

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

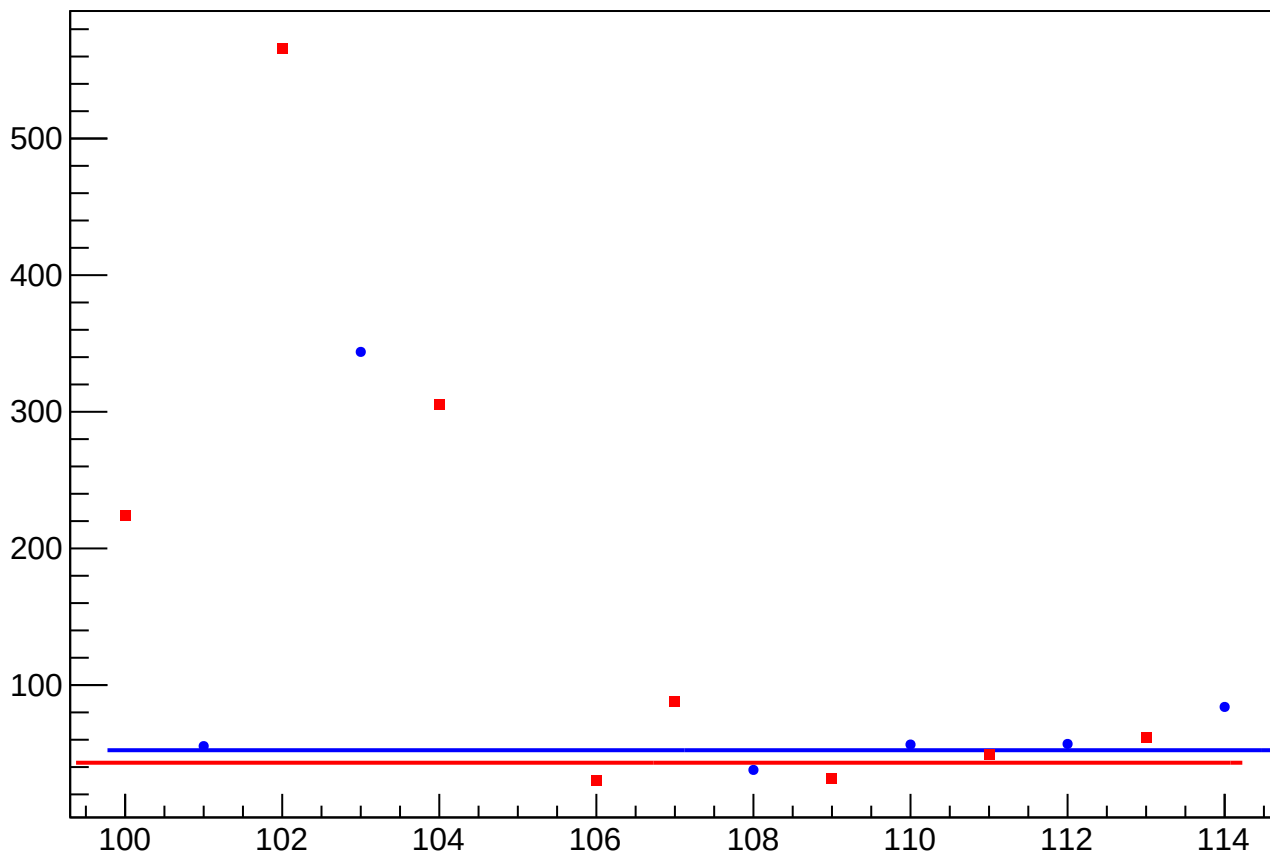
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

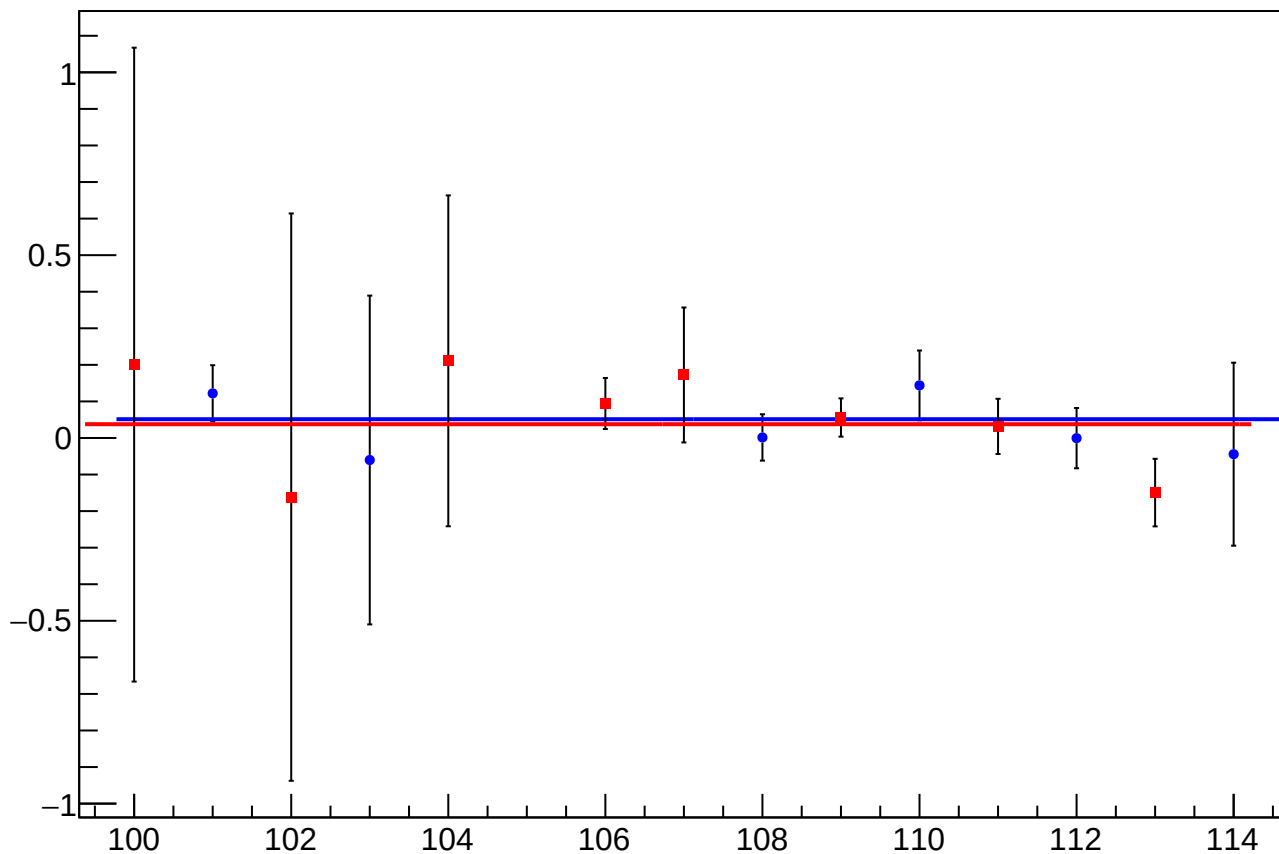
Right: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

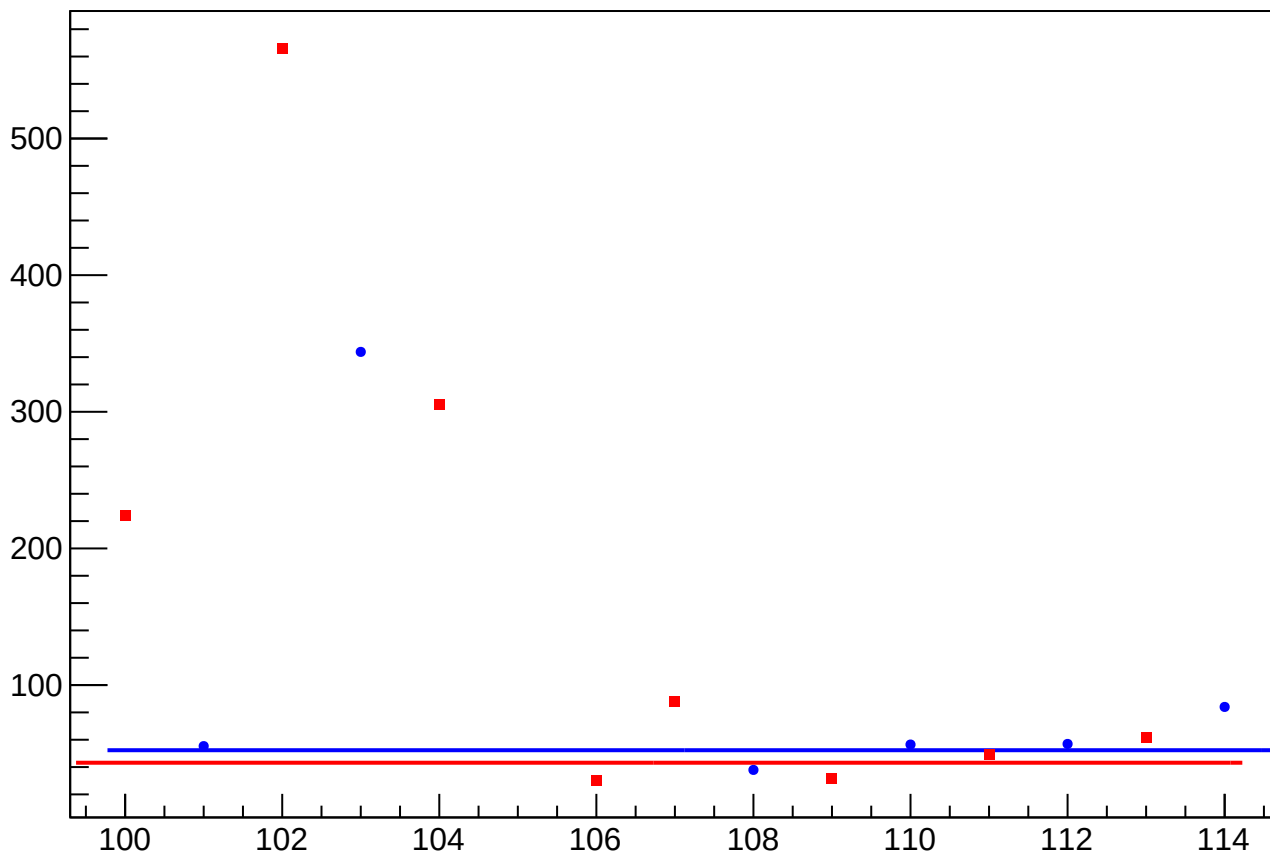
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

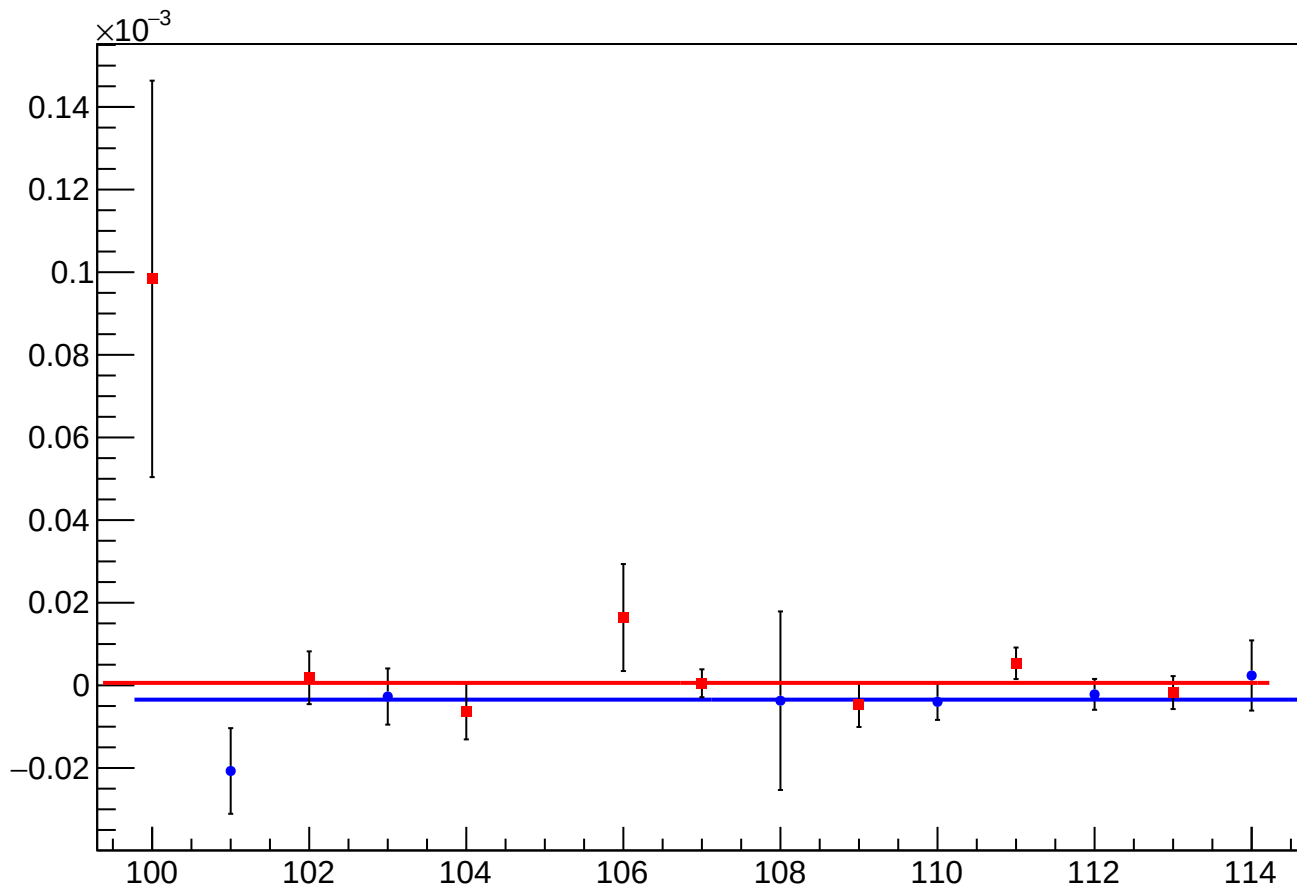
Right: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

In: 52.328+/-0.027 χ^2/NDF : 989131.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106925.3/13

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

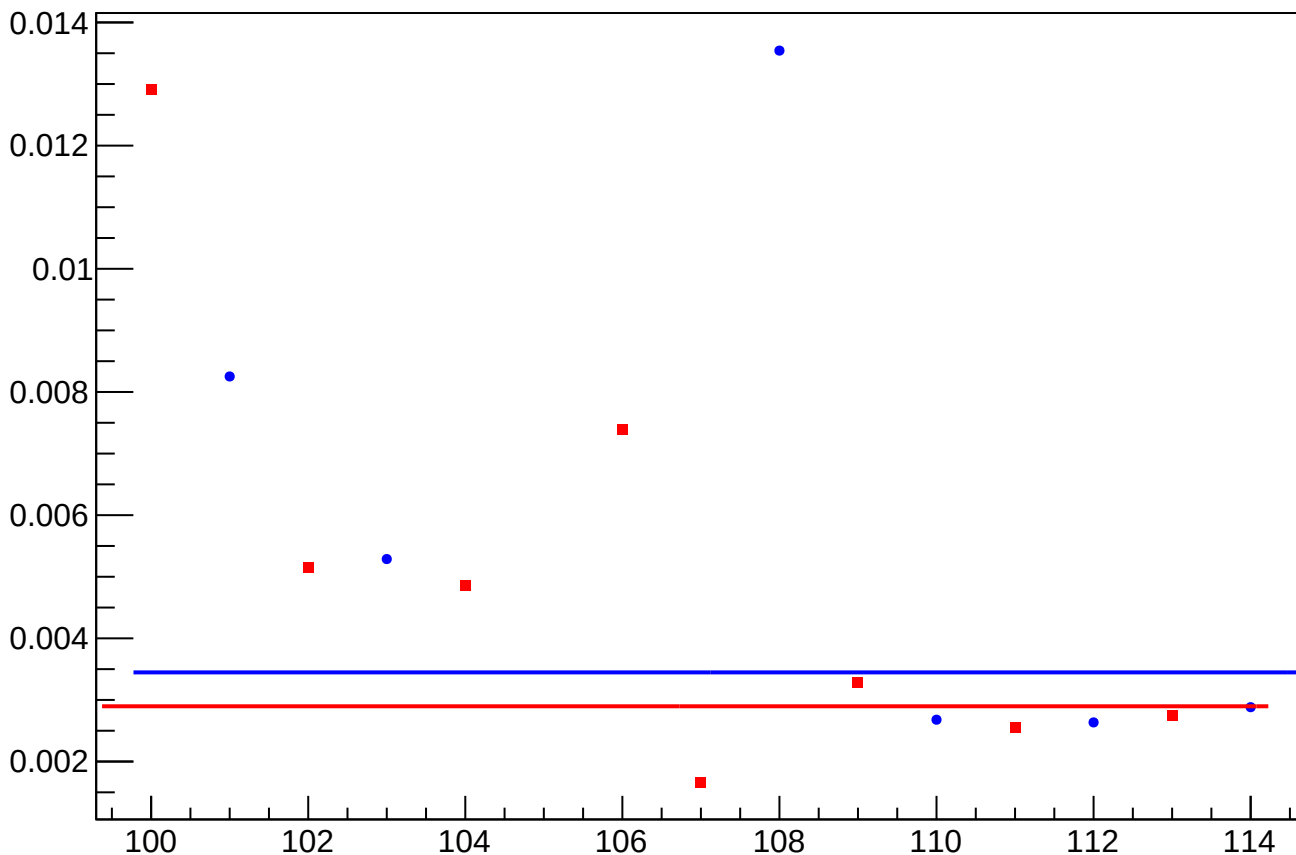
Right: -0.000+/-0.000 χ^2/NDF : 14.8/13

In: -0.000+/-0.000 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/13

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

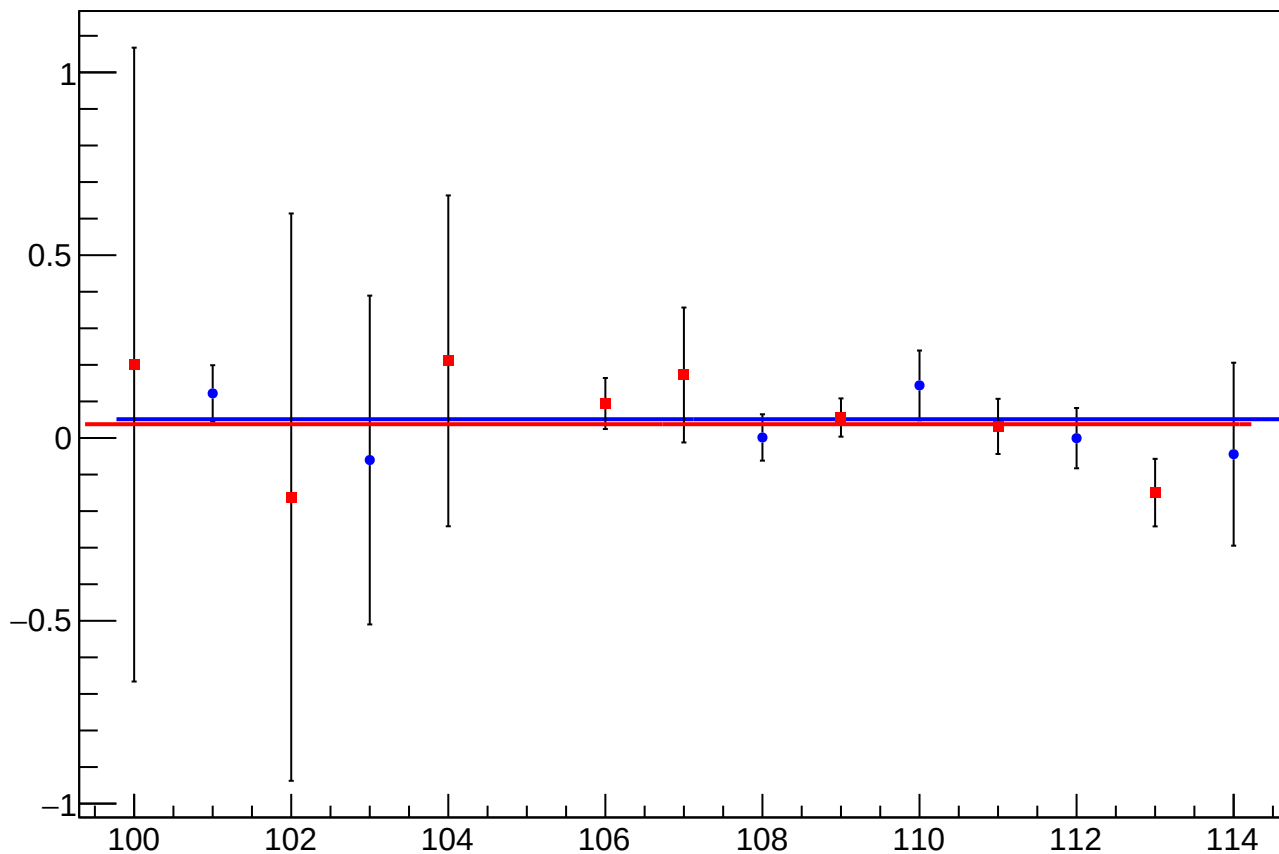
Right: 0.003+/-0.000 χ^2/NDF : 2287108.0/13

In: 0.003+/-0.000 χ^2/NDF : 1177767.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2287108.0/13

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

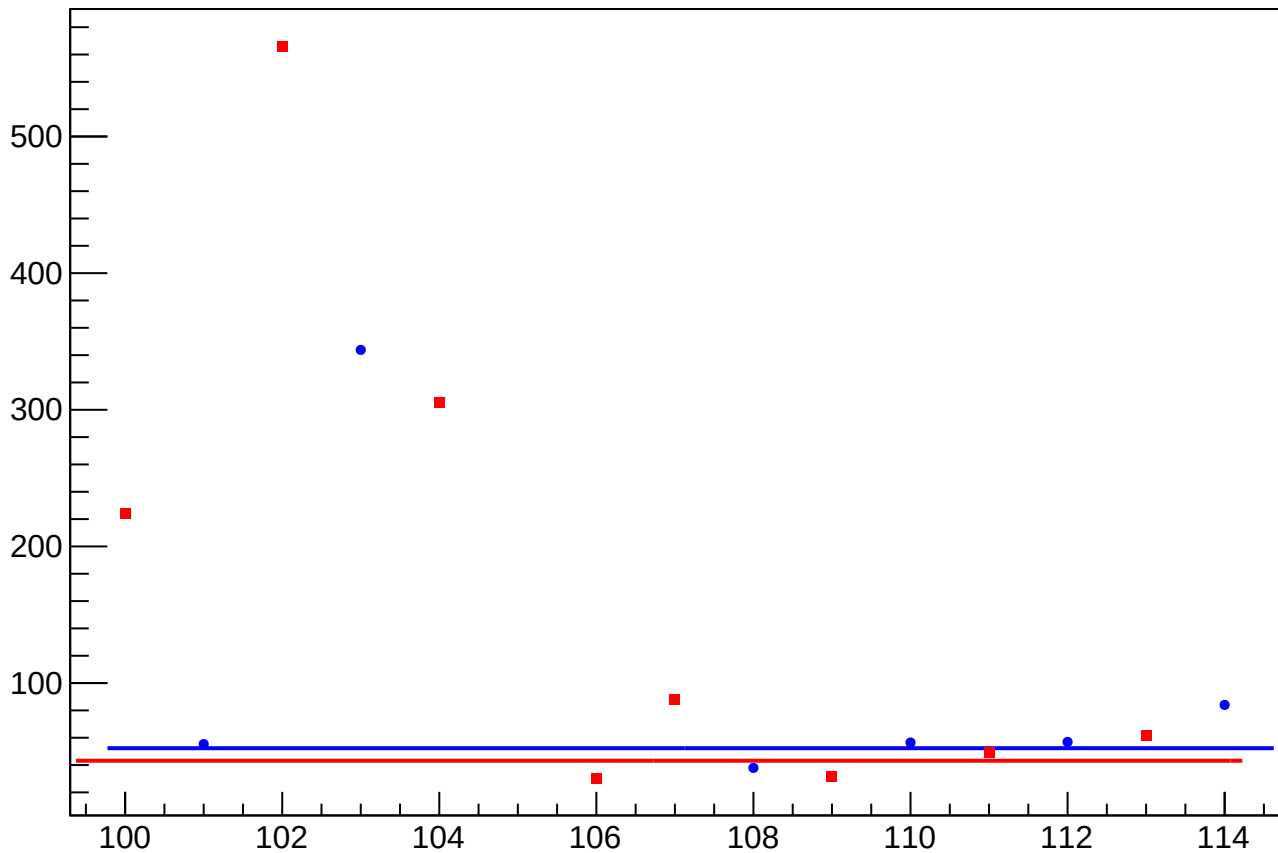
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

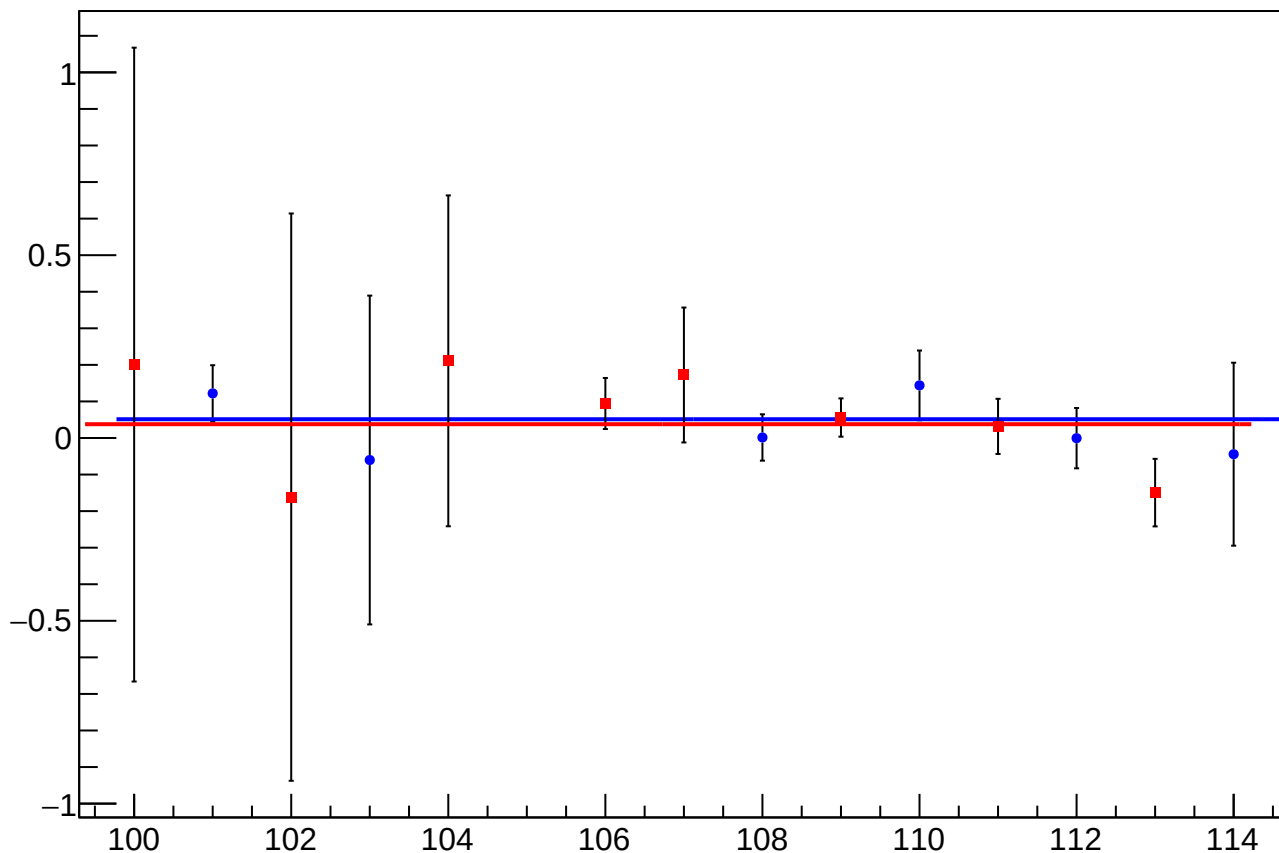
Right: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

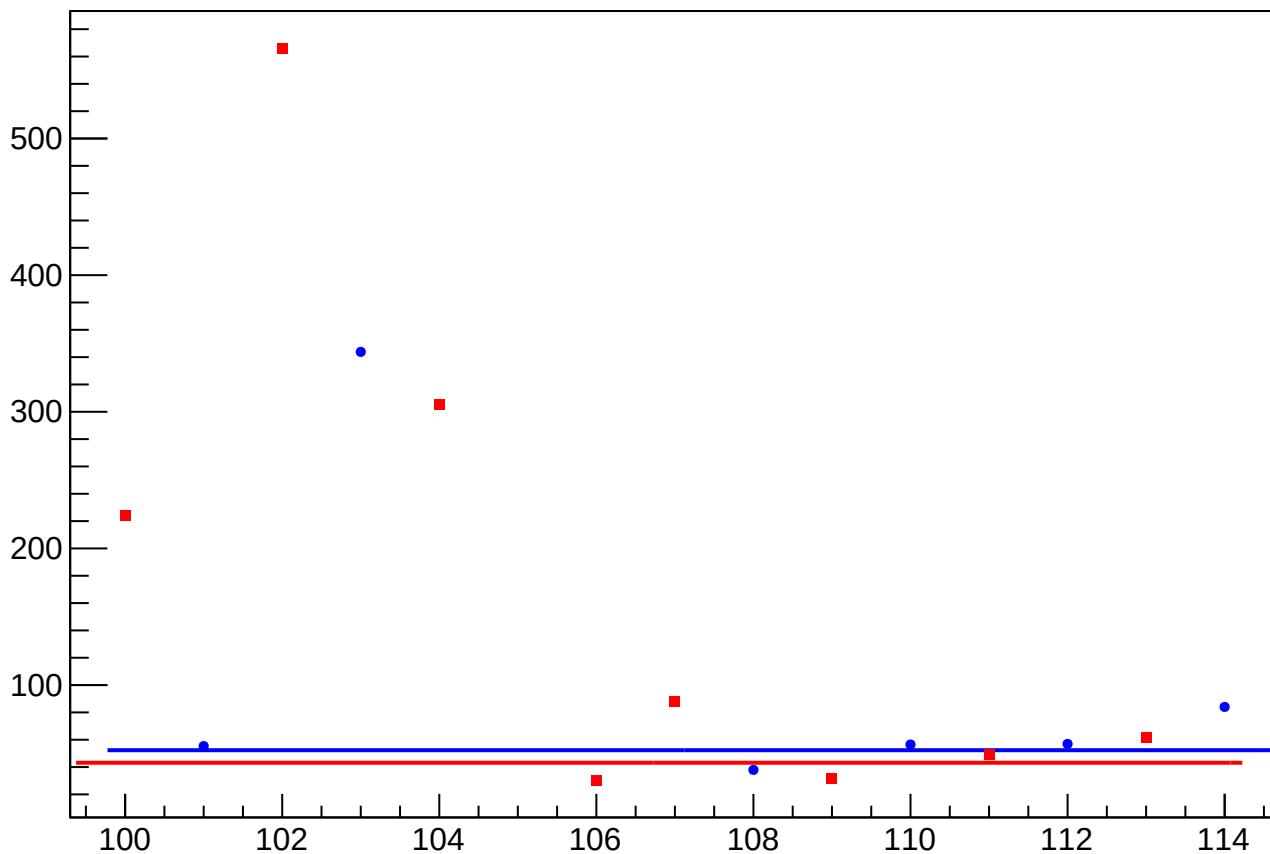
Right: 0.044+/-0.025 χ^2/NDF : 8.7/13

In: 0.051+/-0.038 χ^2/NDF :3.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.044+/-0.025 χ^2/NDF : 8.7/13

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

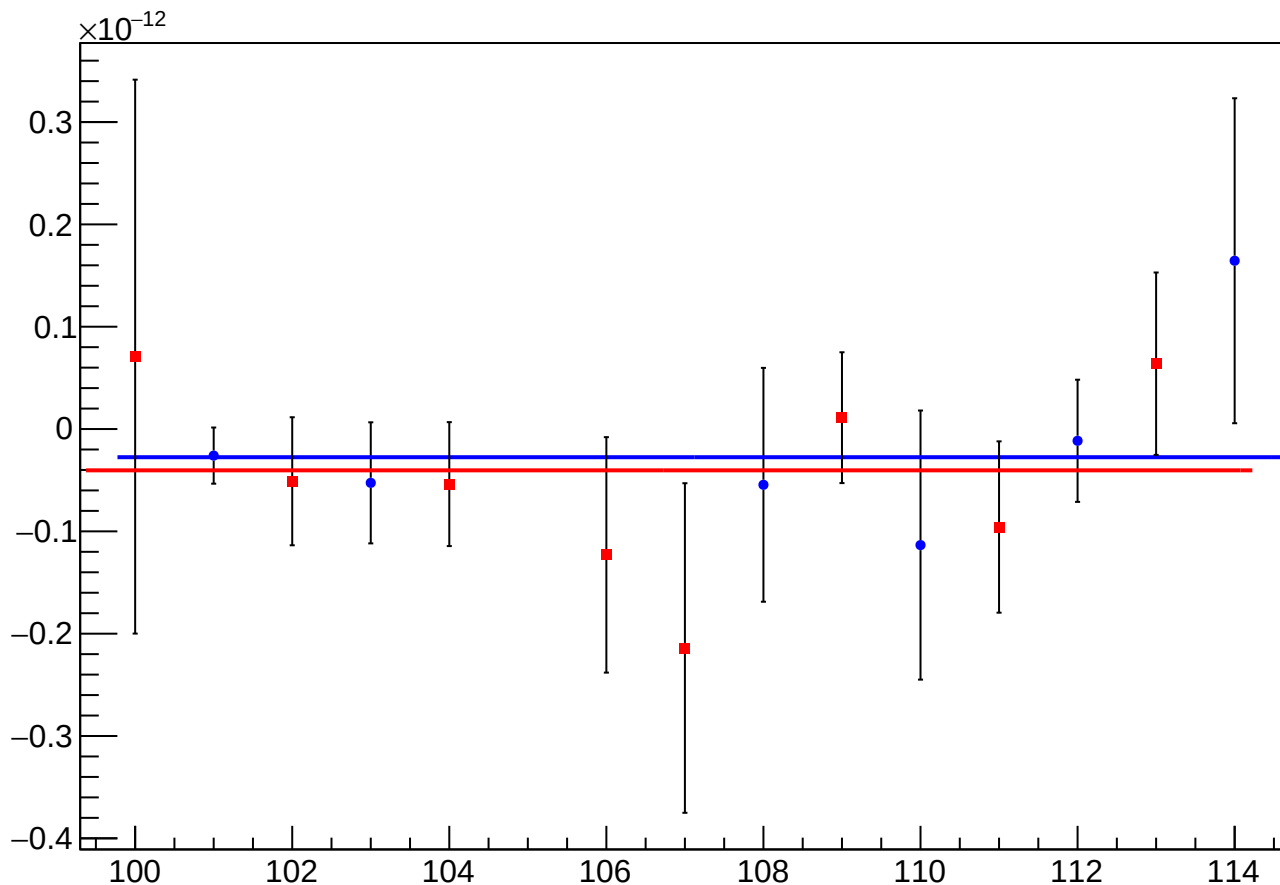
Right: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

In: 52.333+/-0.027 χ^2/NDF : 988996.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.162+/-0.018 χ^2/NDF : 3106960.4/13

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

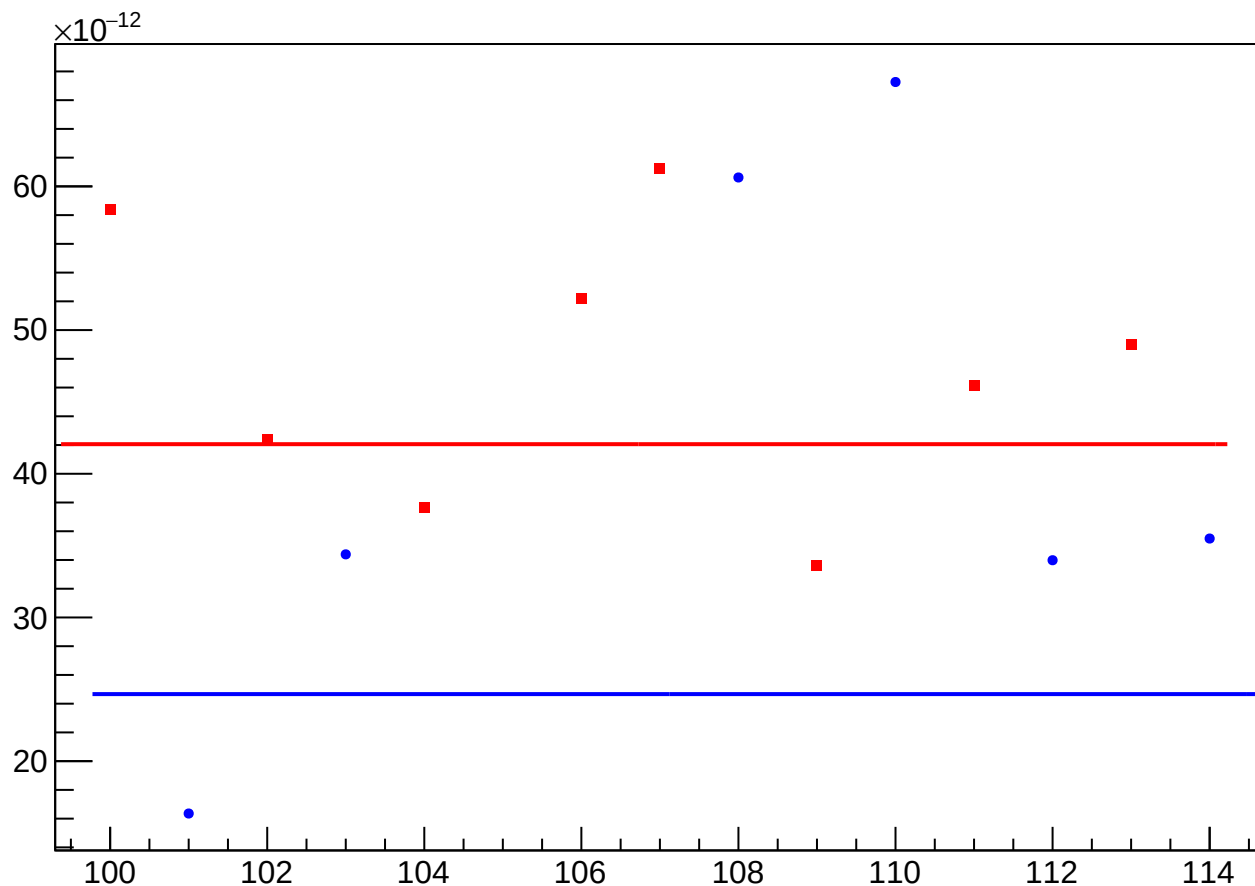
Right: -0.000+/-0.000 χ^2/NDF : 6.7/13

In: -0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/13

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

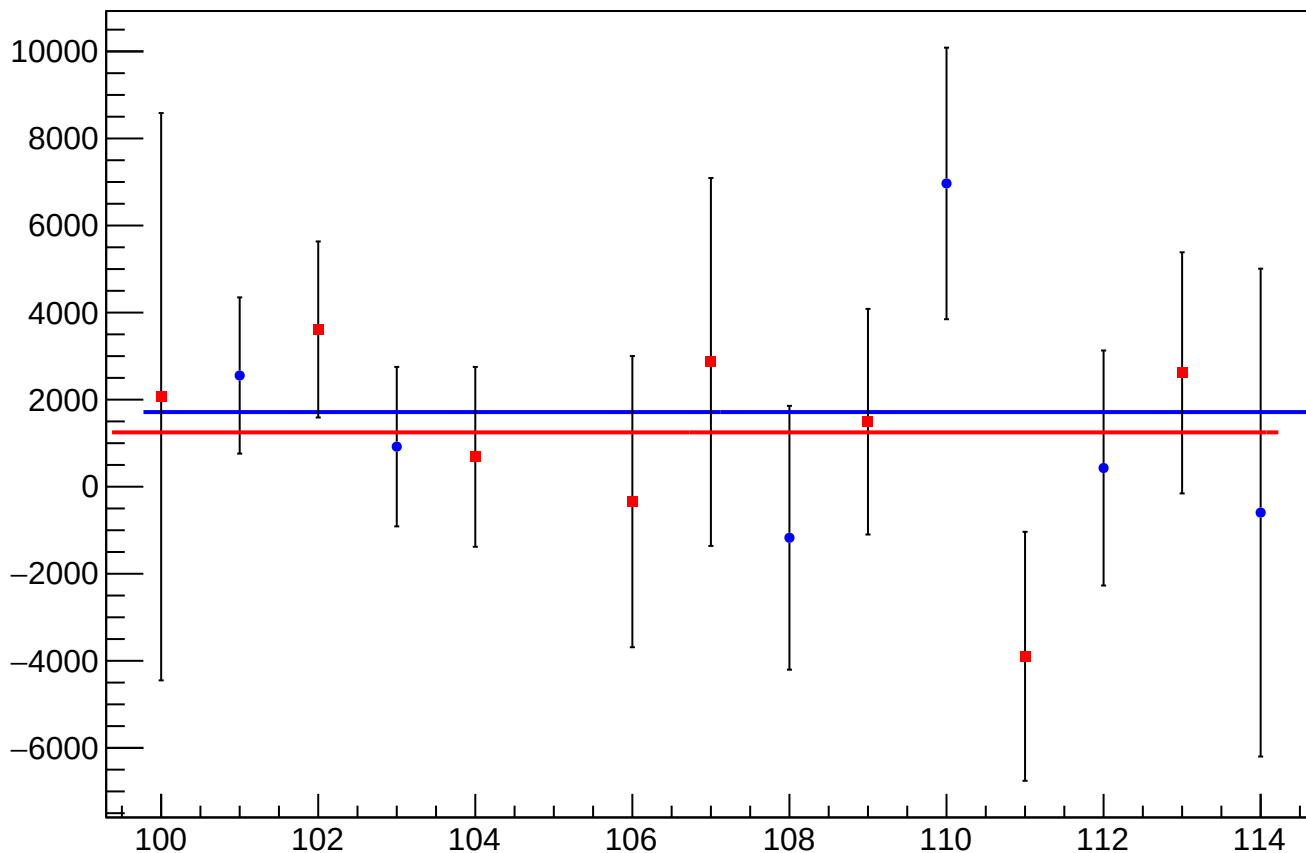
Right: 0.000+/-0.000 χ^2/NDF : 1269049.6/13

In: 0.000+/-0.000 χ^2/NDF : 703355.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1269049.6/13

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

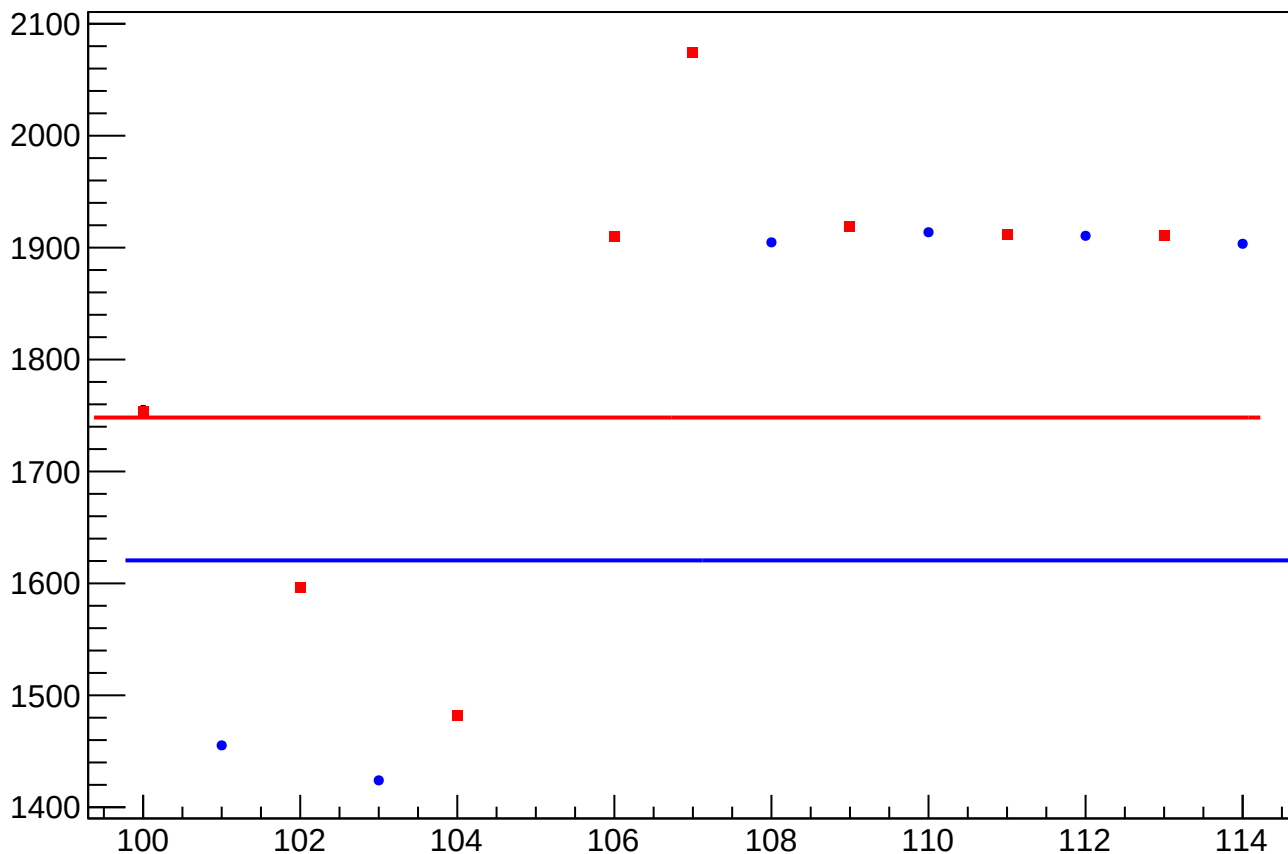
Right: 1474.344+/-700.398 χ^2/NDF : 10.0/13

In: 1714.359+/-1005.444 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1474.344+/-700.398 χ^2/NDF : 10.0/13

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

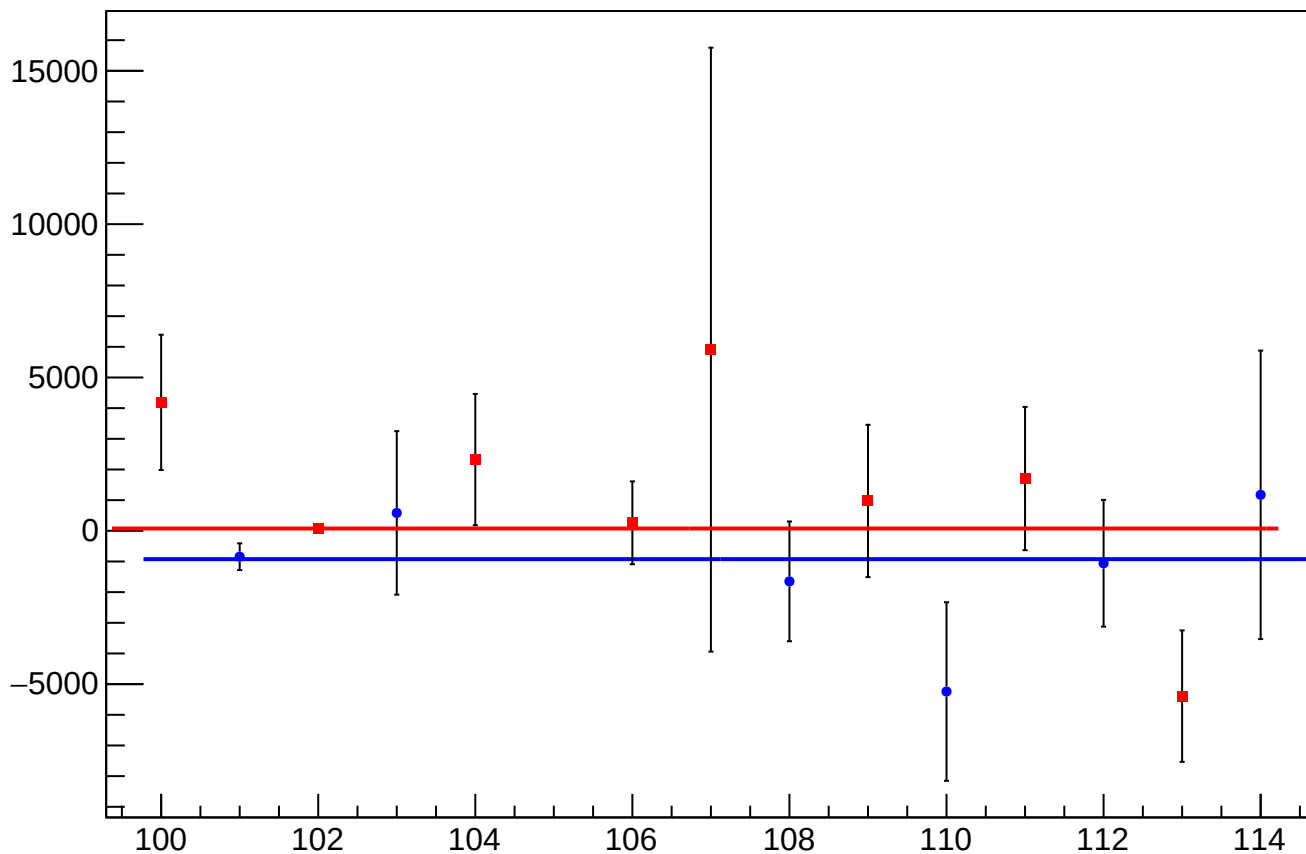
Right: 1686.252+/-0.495 χ^2/NDF : 203237.8/13

In: 1620.551+/-0.711 χ^2/NDF : 103418.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.252+/-0.495 χ^2/NDF : 203237.8/13

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -924.014+/-405.721 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.358+/-135.762 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

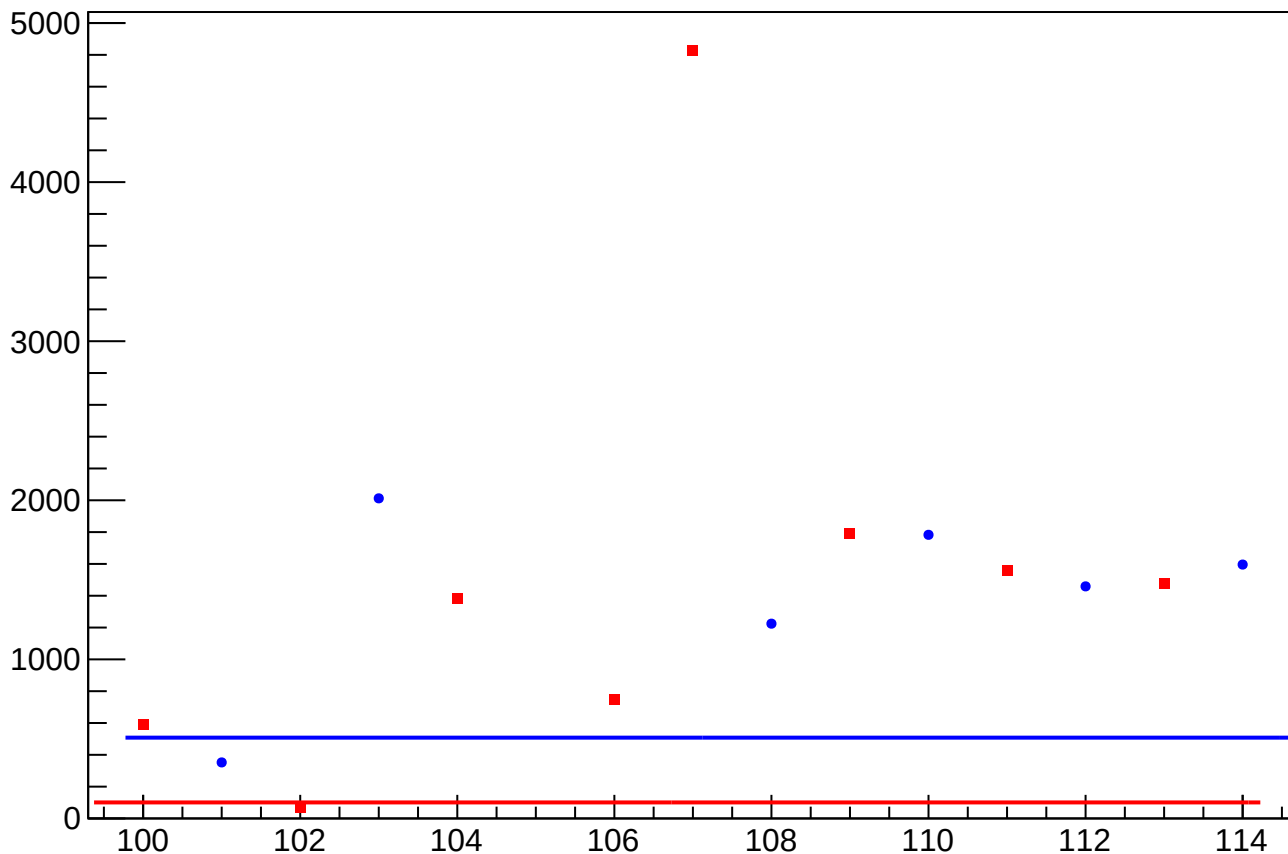
Right: -25.273+/-128.745 χ^2/NDF : 20.4/13

In: -924.014+/-405.721 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.273+/-128.745 χ^2/NDF : 20.4/13

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

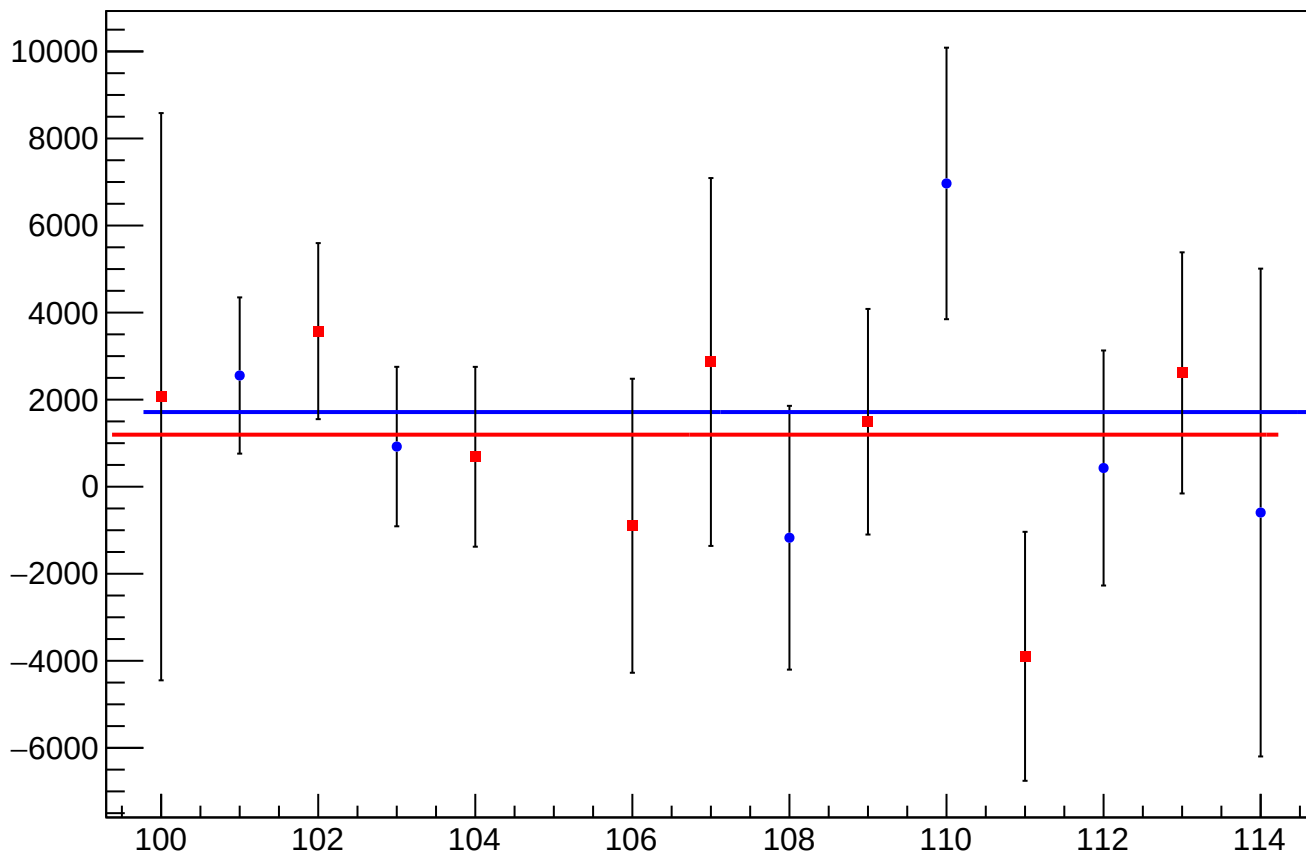
Right: 141.747+/-0.091 χ^2/NDF : 8256332.4/13

In: 507.978+/-0.287 χ^2/NDF : 2075743.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.747+/-0.091 χ^2/NDF : 8256332.4/13

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

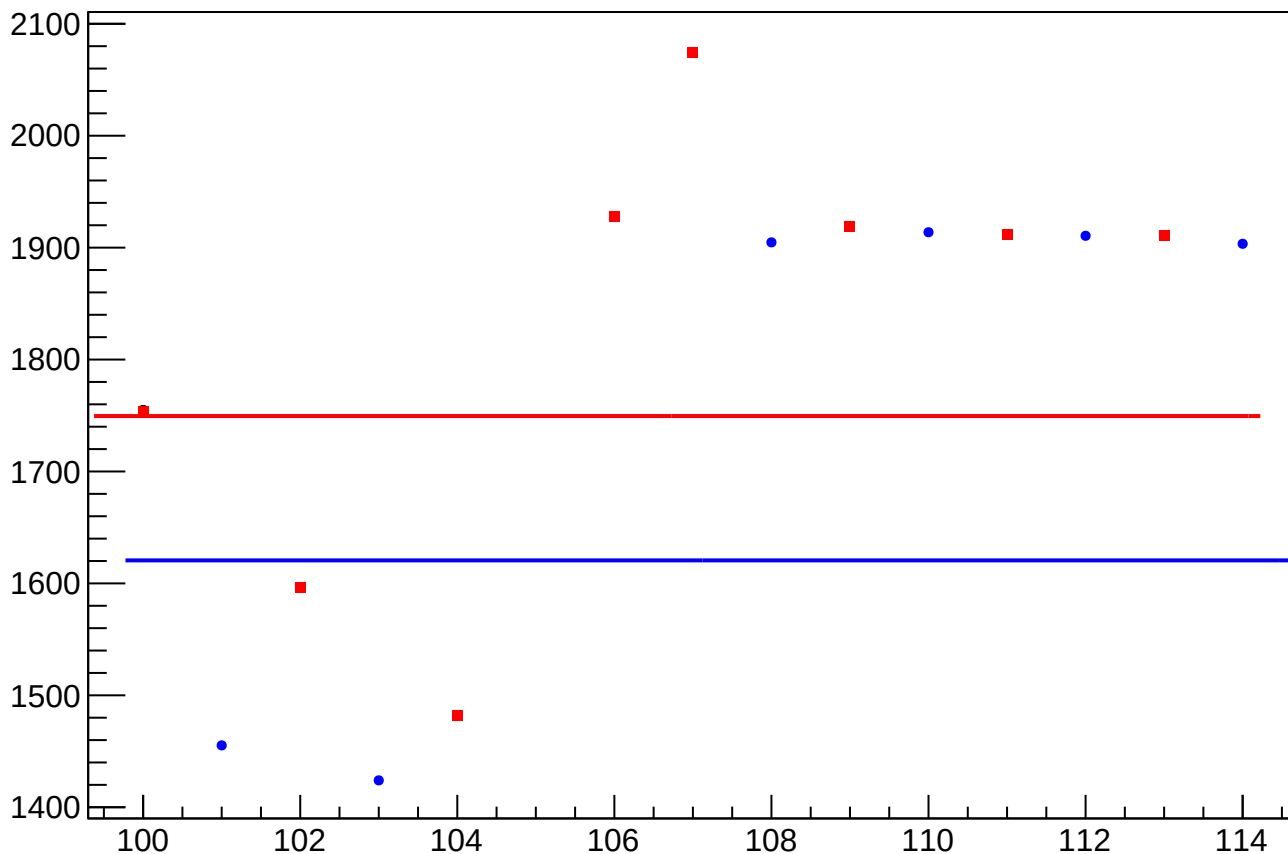
Right: 1447.646+/-700.702 χ^2/NDF : 10.1/13

In: 1714.868+/-1005.444 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1447.646+/-700.702 χ^2/NDF : 10.1/13

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

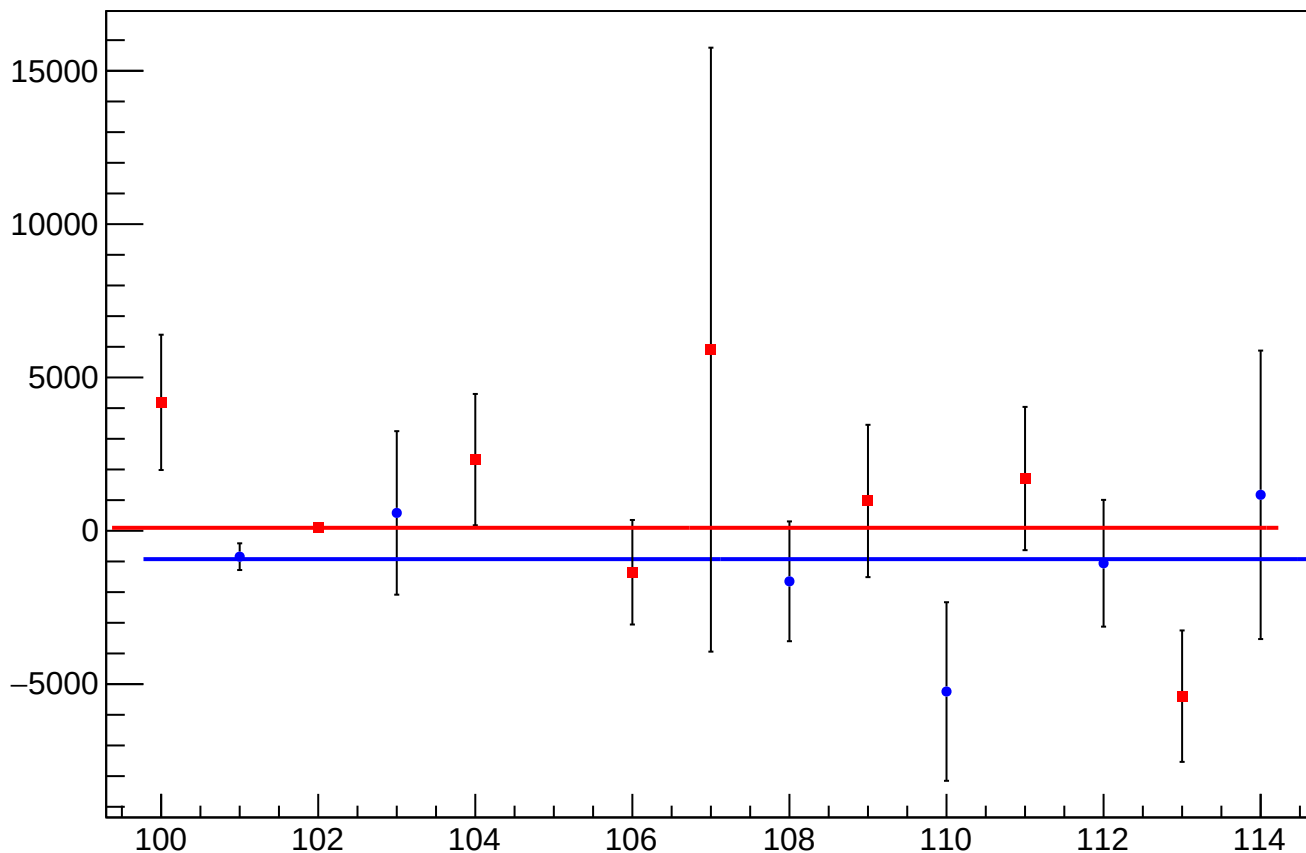
Right: 1686.881+/-0.495 χ^2/NDF : 204543.6/13

In: 1620.551+/-0.711 χ^2/NDF : 103418.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.881+/-0.495 χ^2/NDF : 204543.6/13

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -924.096+/-405.721 χ^2 /NDF: 2.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 97.771+/-148.512 χ^2 /NDF: 12.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

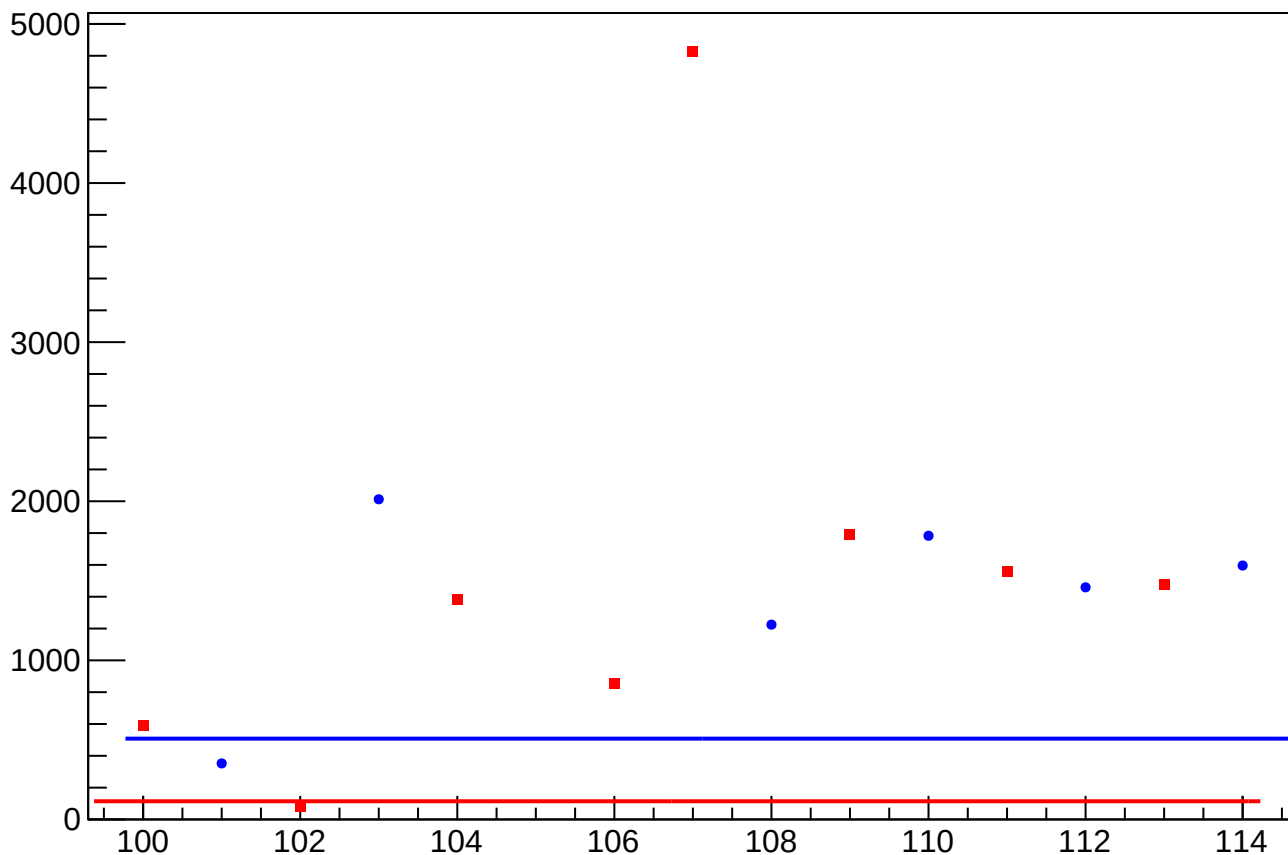
Right: -22.970+/-139.462 χ^2 /NDF: 21.2/13

In: -924.096+/-405.721 χ^2 /NDF:2.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -22.970+/-139.462 χ^2 /NDF: 21.2/13

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

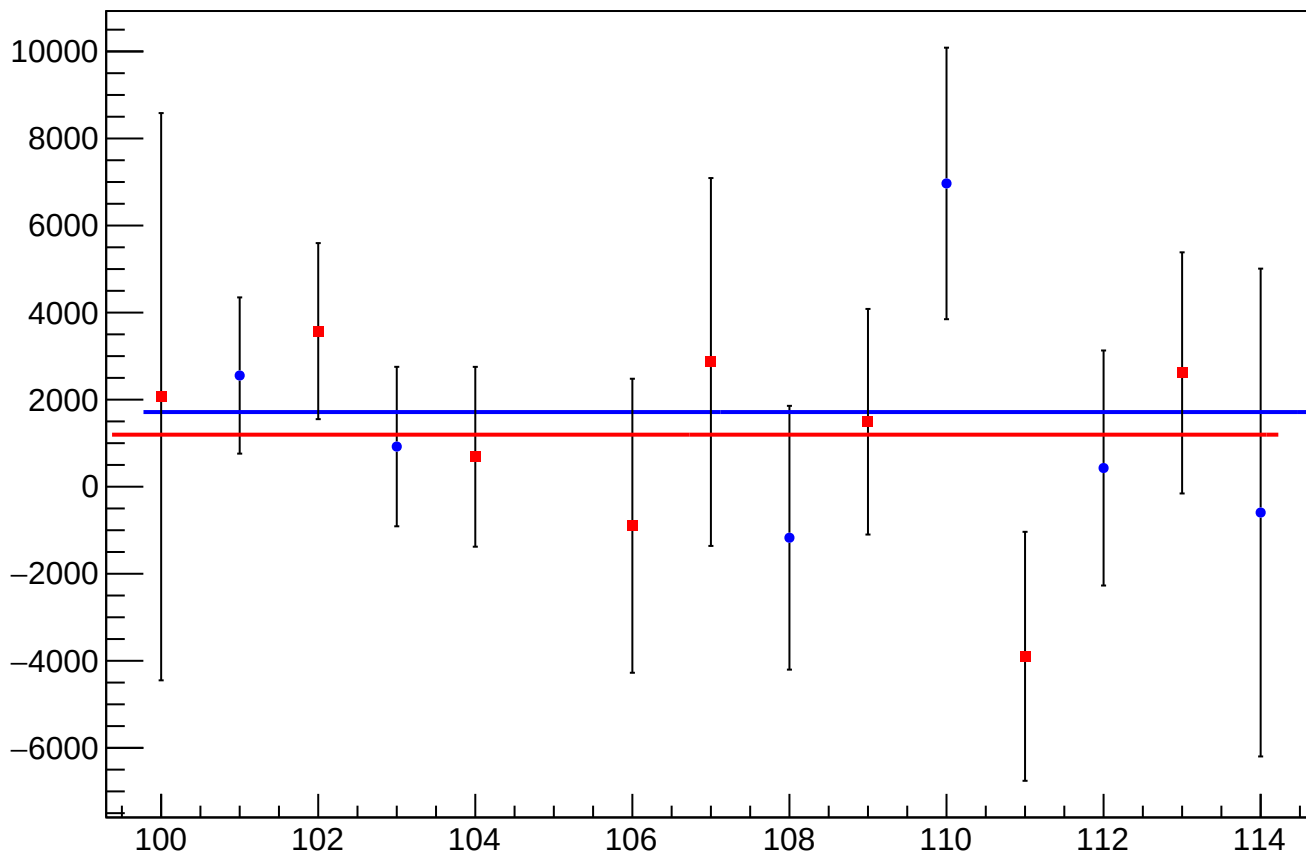
Right: 160.914+/-0.099 χ^2/NDF : 7955028.5/13

In: 507.974+/-0.287 χ^2/NDF : 2075761.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.914+/-0.099 χ^2/NDF : 7955028.5/13

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

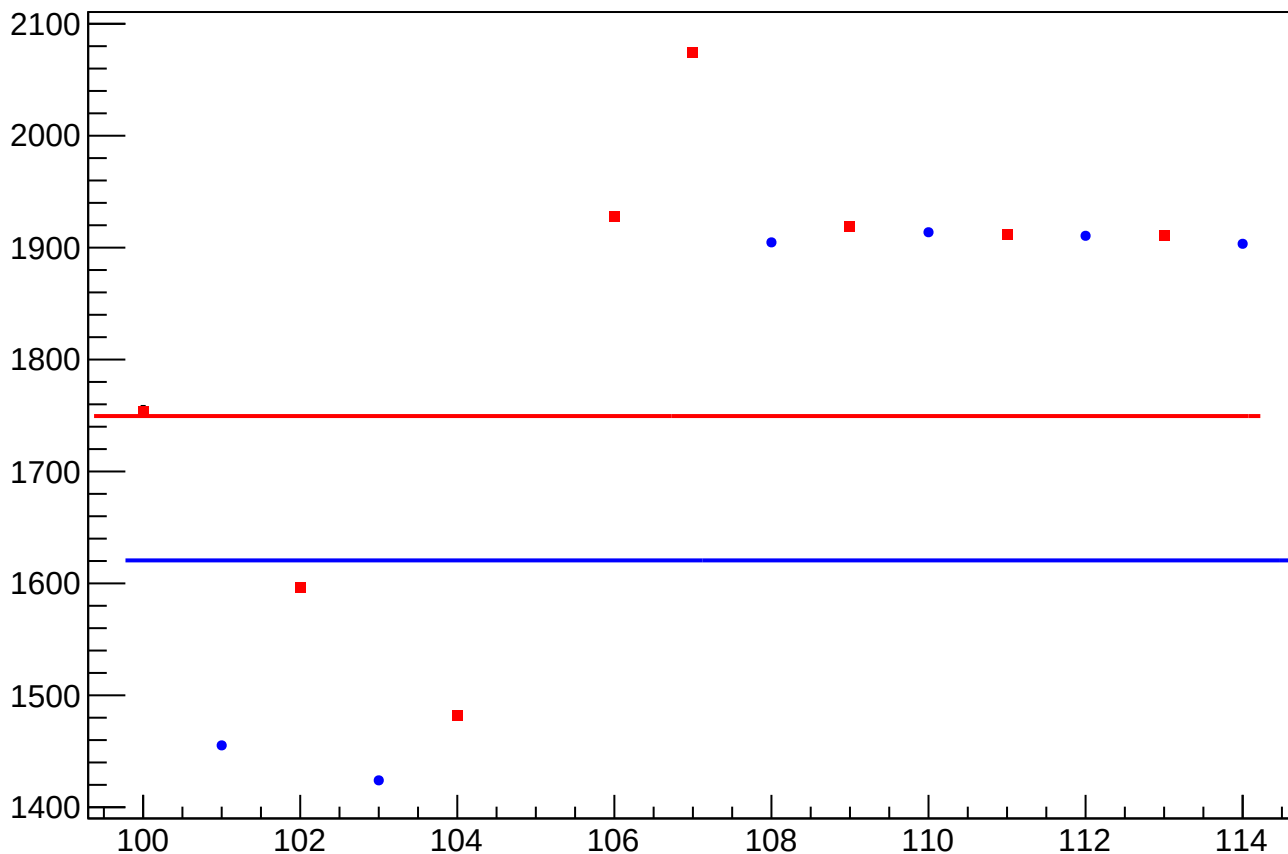
Right: 1447.646+/-700.702 χ^2/NDF : 10.1/13

In: 1714.868+/-1005.444 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1447.646+/-700.702 χ^2/NDF : 10.1/13

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

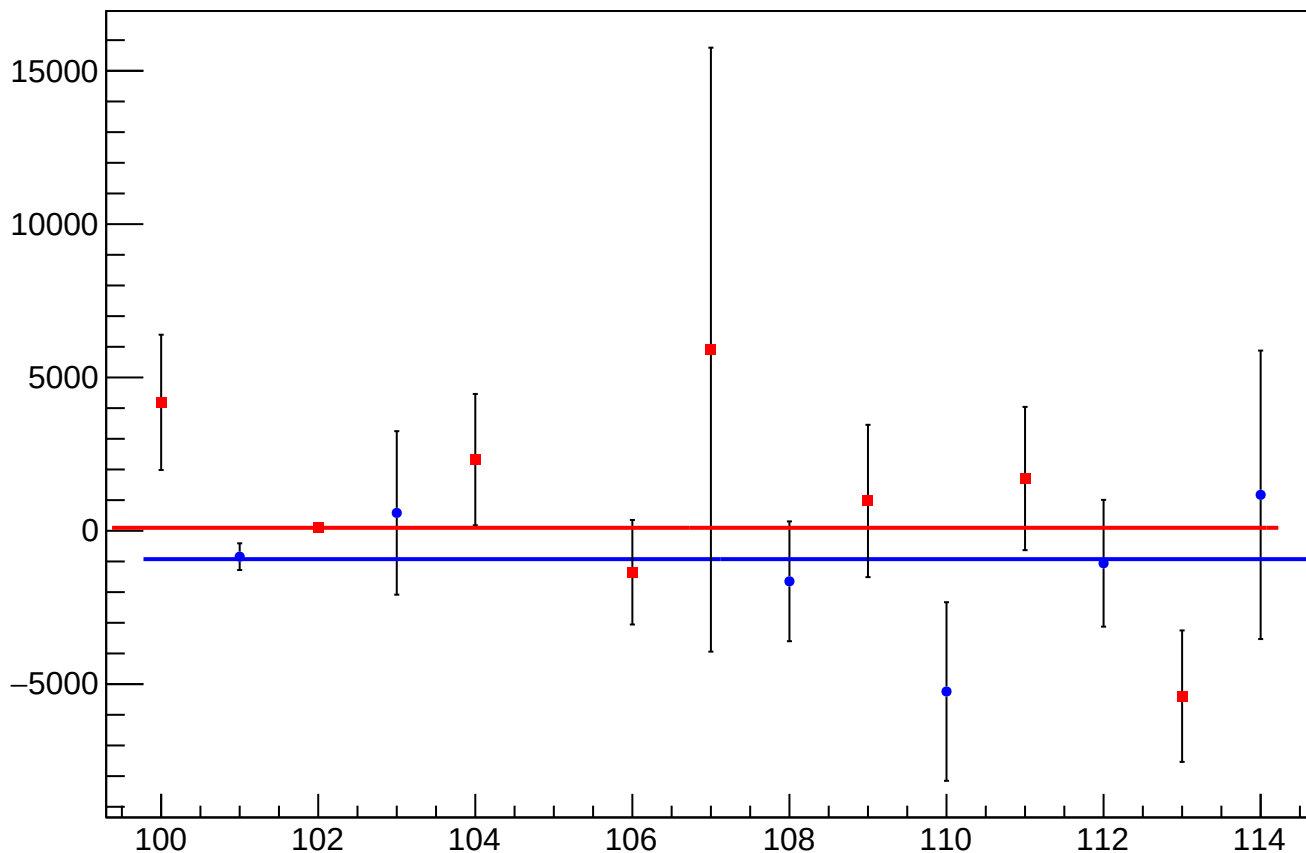
Right: 1686.881+/-0.495 χ^2/NDF : 204543.6/13

In: 1620.551+/-0.711 χ^2/NDF : 103418.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.881+/-0.495 χ^2/NDF : 204543.6/13

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -924.096+/-405.721 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.771+/-148.512 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

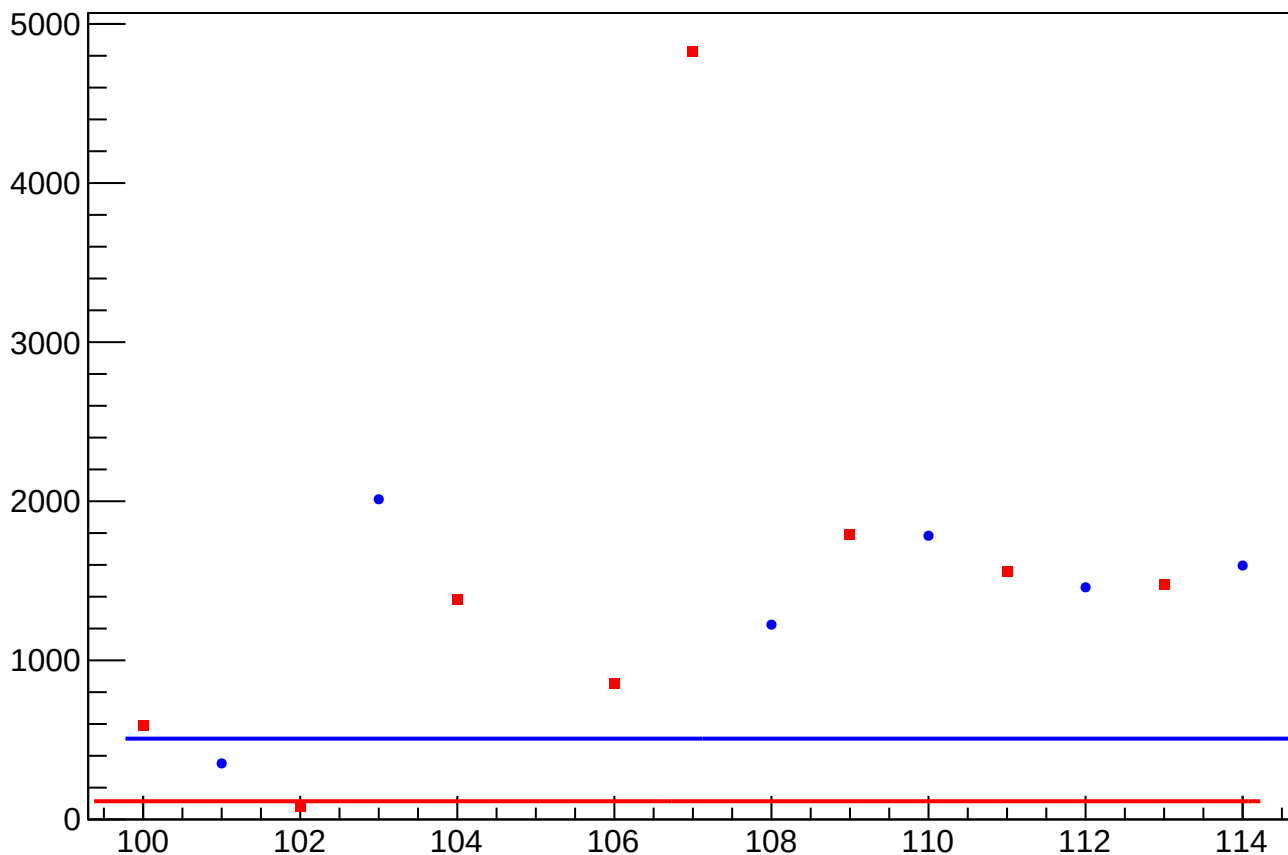
Right: -22.970+/-139.462 χ^2/NDF : 21.2/13

In: -924.096+/-405.721 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.970+/-139.462 χ^2/NDF : 21.2/13

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

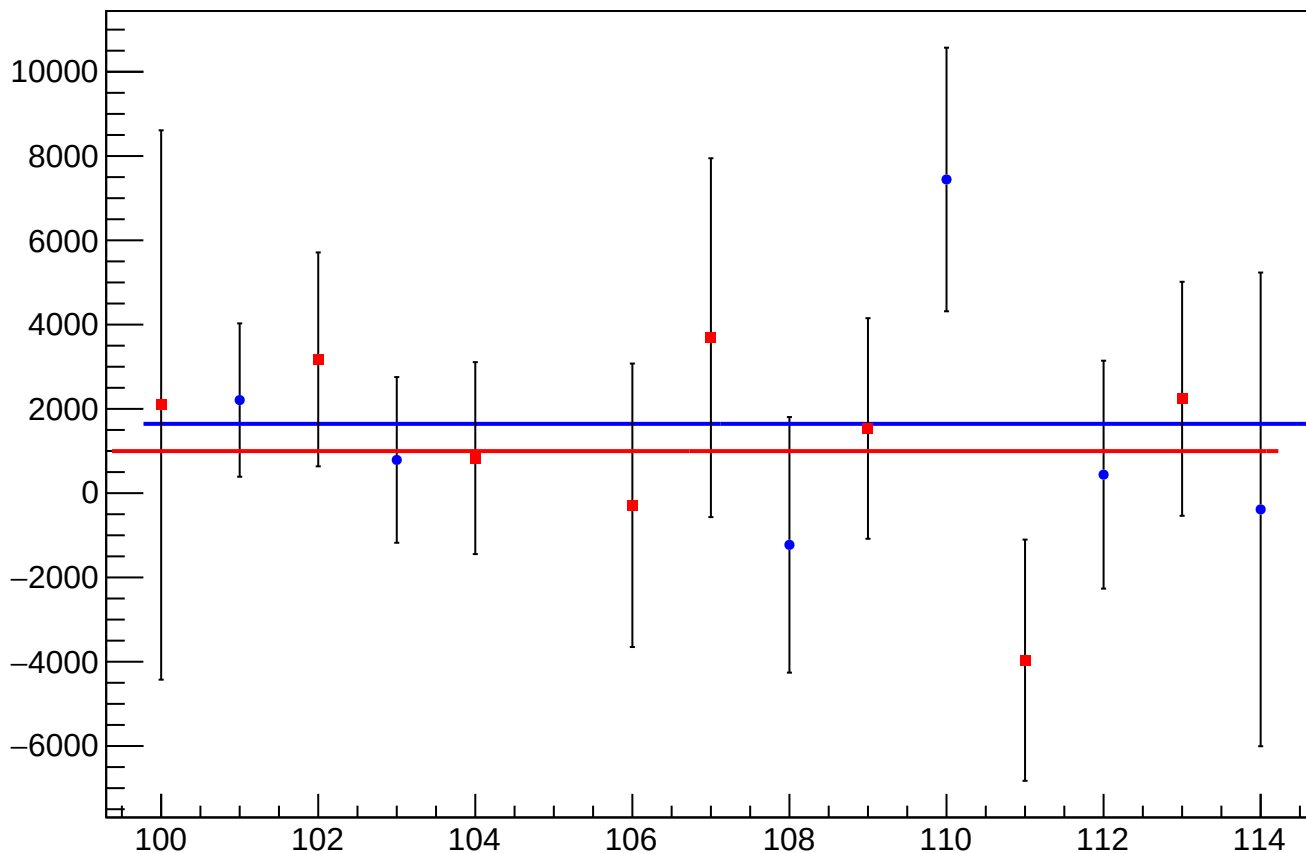
Right: 160.914+/-0.099 χ^2/NDF : 7955028.5/13

In: 507.974+/-0.287 χ^2/NDF : 2075761.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.914+/-0.099 χ^2/NDF : 7955028.5/13

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

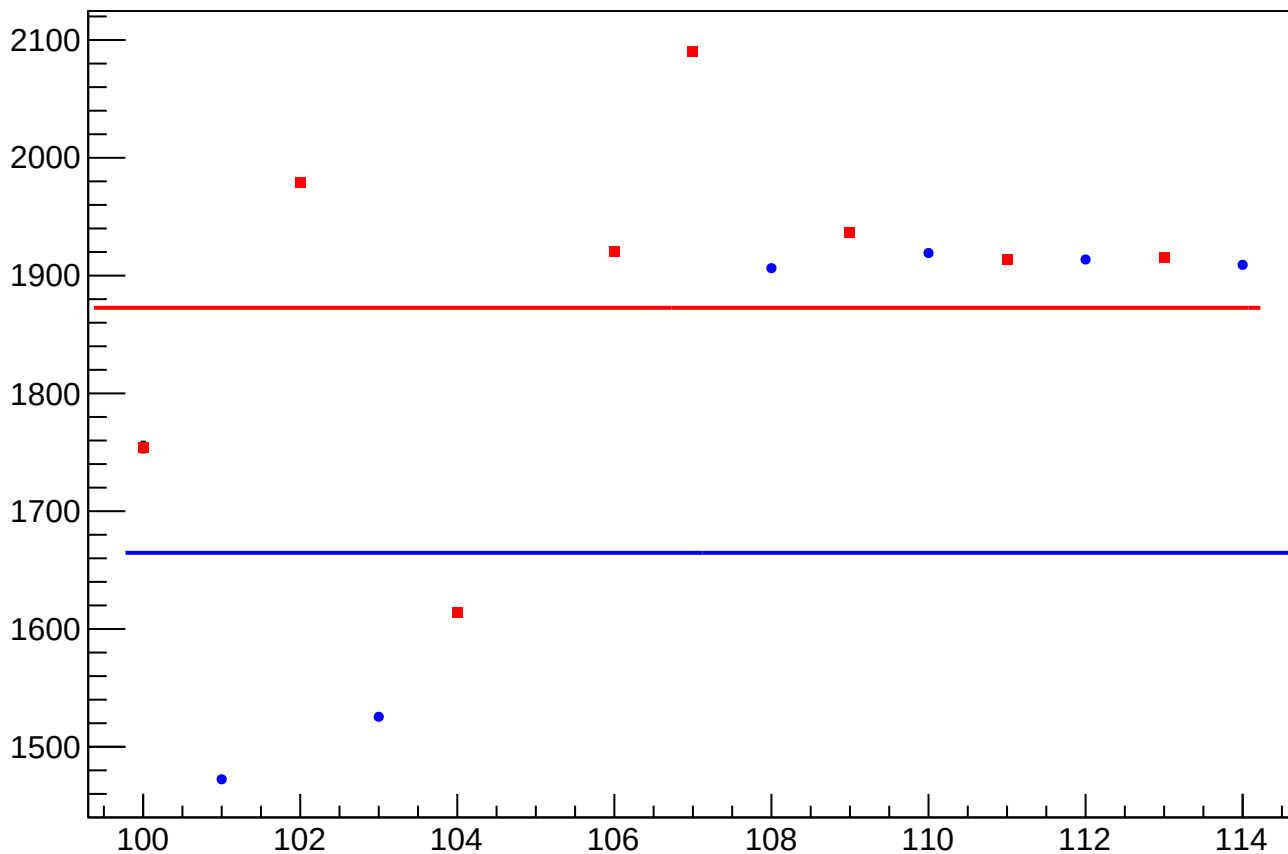
Right: 1326.293 $\pm$ 734.613 χ^2 /NDF: 9.7/13

In: 1645.042 $\pm$ 1031.370 χ^2 /NDF:4.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1326.293 $\pm$ 734.613 χ^2 /NDF: 9.7/13

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

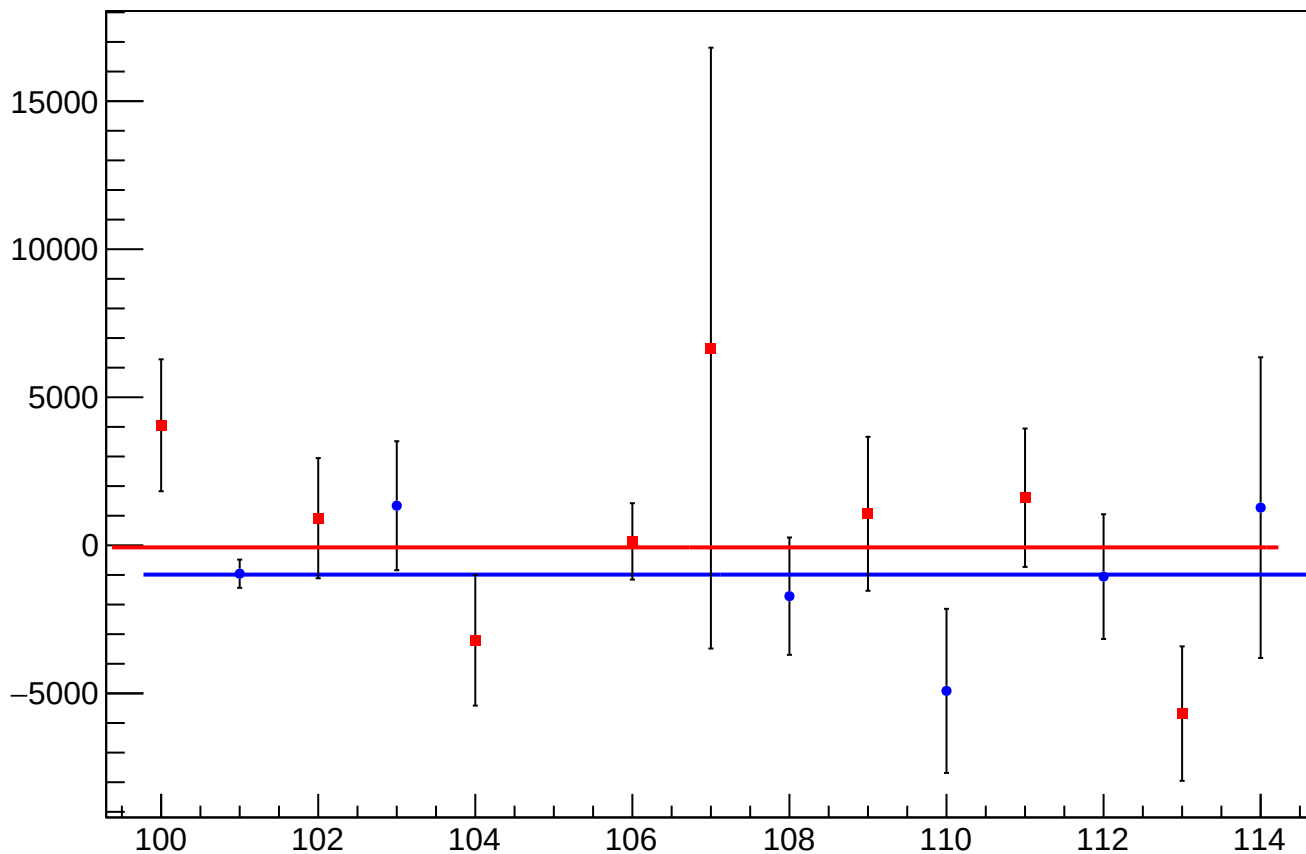
Right: 1767.139 $\pm$ 0.519 χ^2 /NDF: 156838.9/13

In: 1664.662 $\pm$ 0.729 χ^2 /NDF:79027.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1767.139 $\pm$ 0.519 χ^2 /NDF: 156838.9/13

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

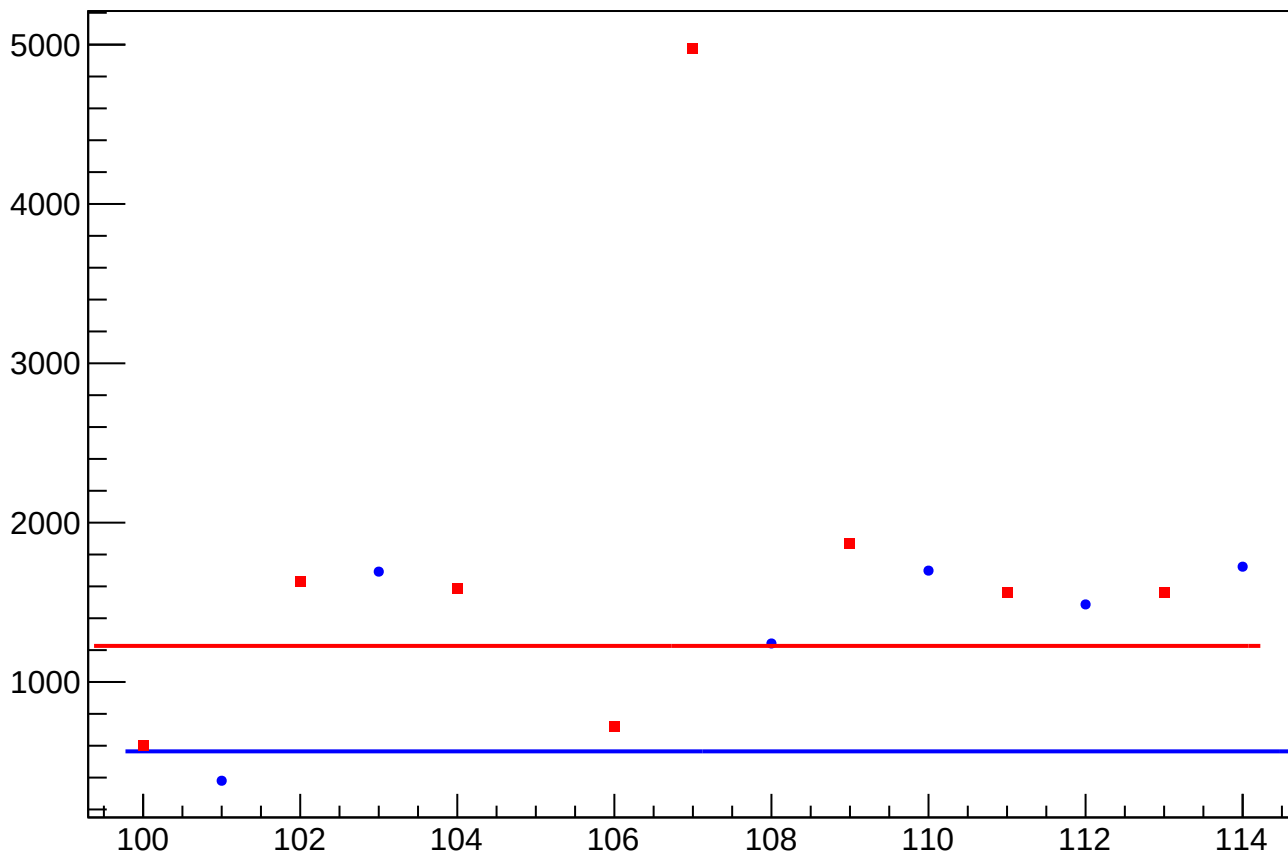
Right: -755.689+/-376.813 χ^2/NDF : 17.6/13

In: -988.828+/-436.132 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -755.689+/-376.813 χ^2/NDF : 17.6/13

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

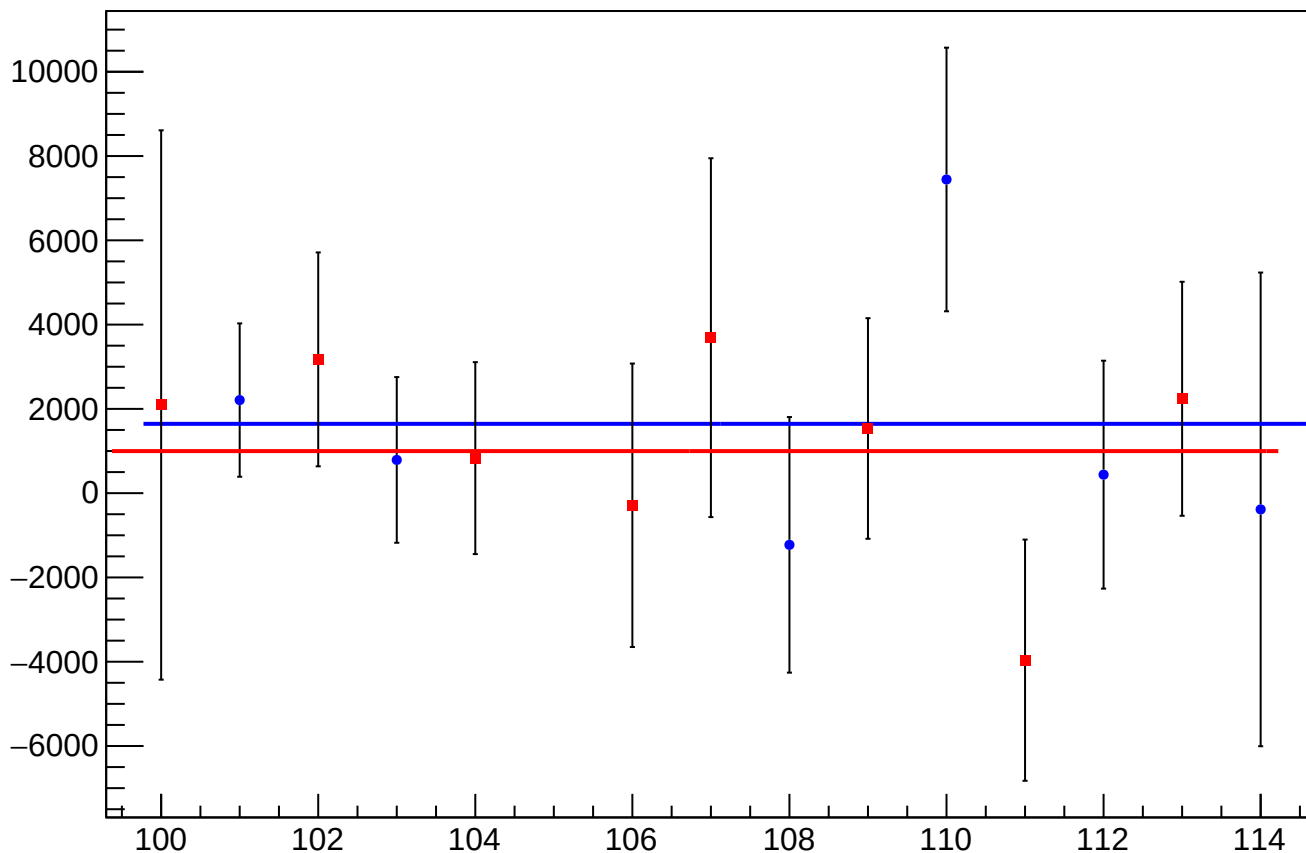
Right: 732.410+/-0.266 χ^2/NDF : 4136168.5/13

In: 564.614+/-0.308 χ^2/NDF : 1891938.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.410+/-0.266 χ^2/NDF : 4136168.5/13

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1645.038+/-1031.370 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 998.057+/-1046.596 χ^2/NDF : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

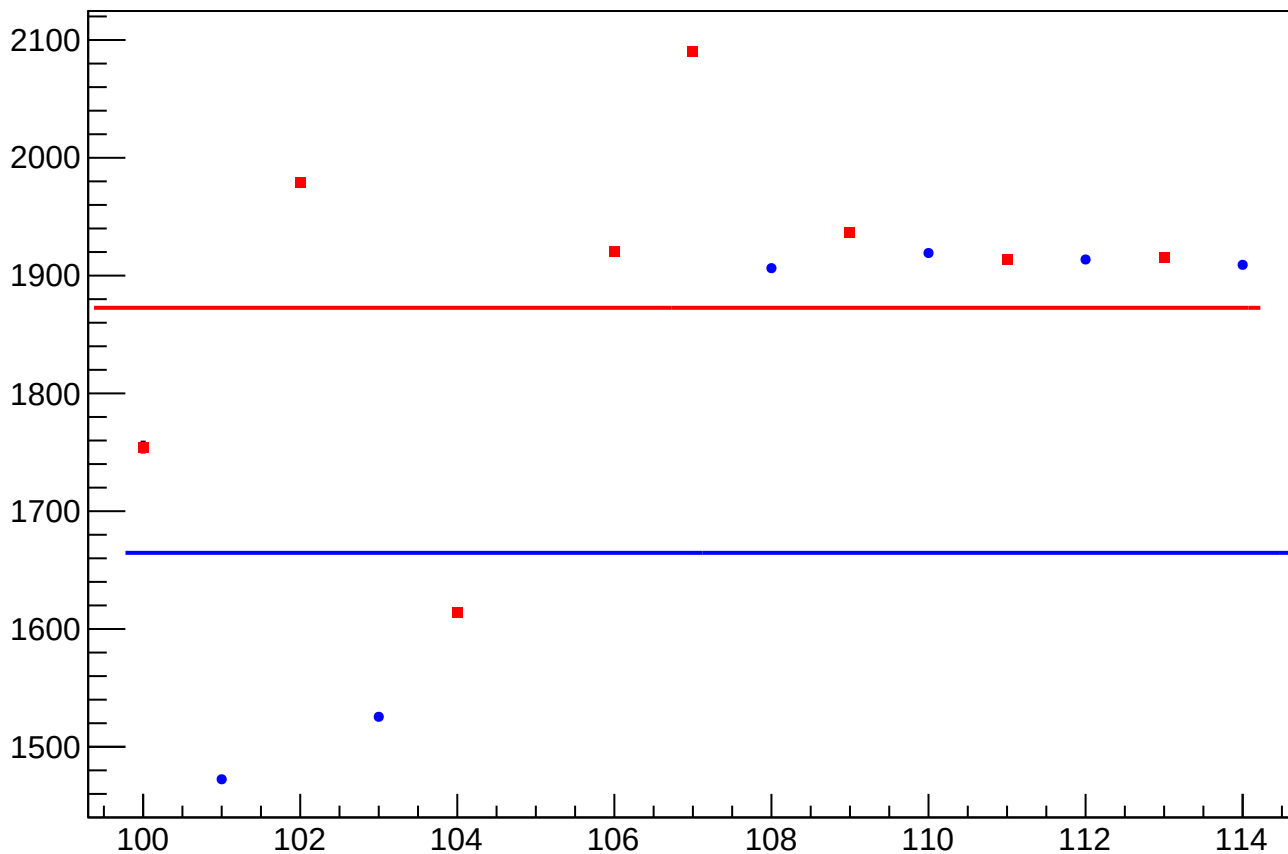
Right: 1326.288+/-734.613 χ^2/NDF : 9.7/13

In: 1645.038+/-1031.370 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.288+/-734.613 χ^2/NDF : 9.7/13

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1664.661+/-0.729 χ^2/NDF : 79028.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.664+/-0.740 χ^2/NDF : 37734.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

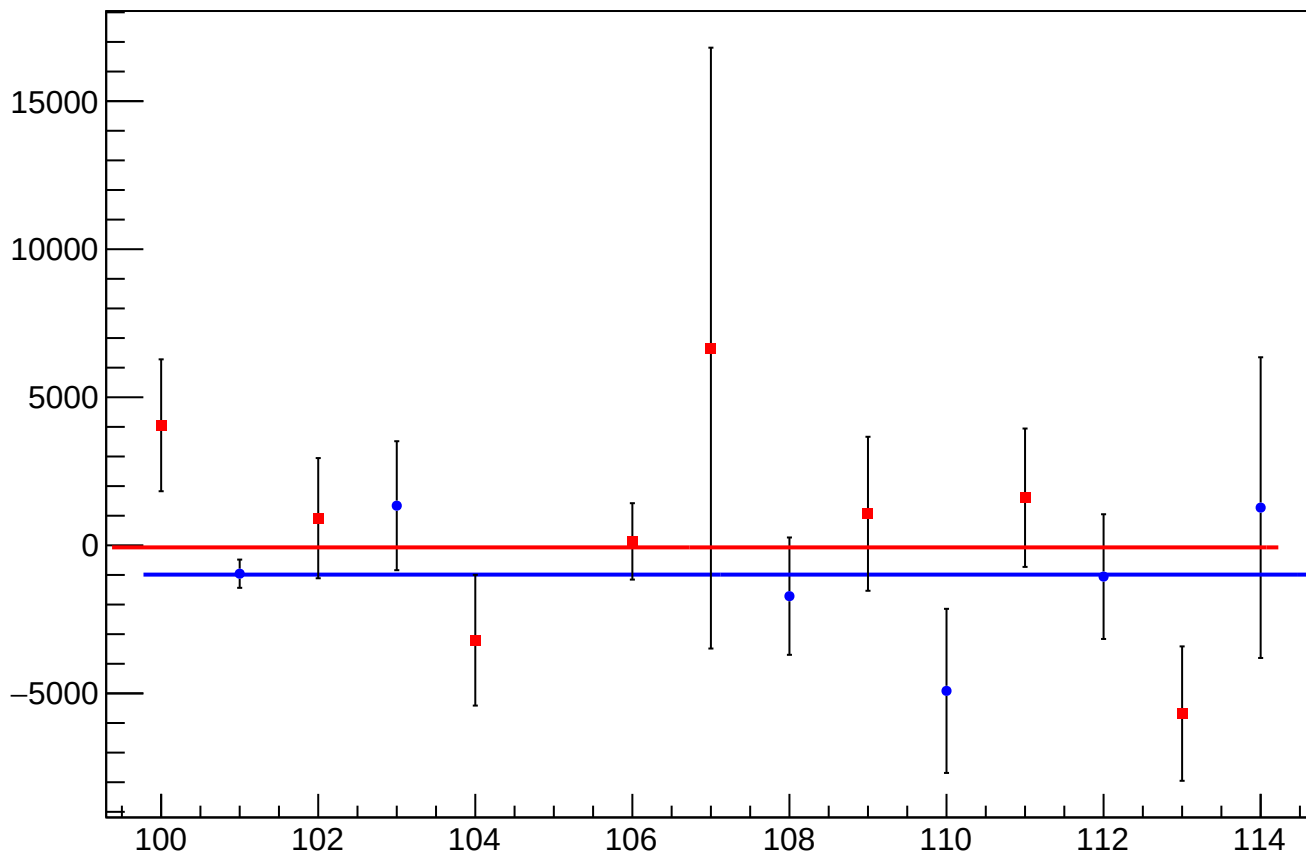
Right: 1767.138+/-0.519 χ^2/NDF : 156840.1/13

In: 1664.661+/-0.729 χ^2/NDF : 79028.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1767.138+/-0.519 χ^2/NDF : 156840.1/13

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -988.831+/-436.133 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.232+/-748.372 χ^2/NDF : 13.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

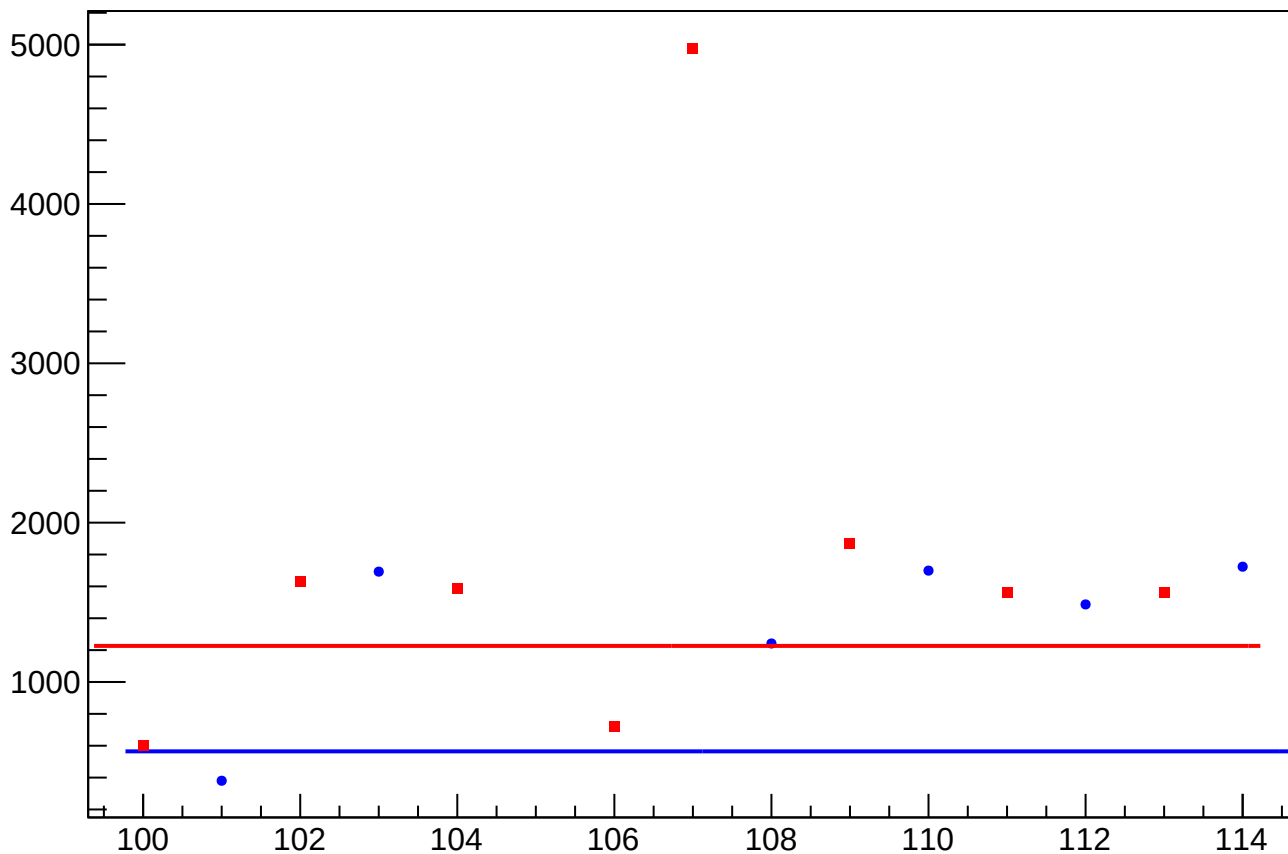
Right: -755.691+/-376.814 χ^2/NDF : 17.6/13

In: -988.831+/-436.133 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -755.691+/-376.814 χ^2/NDF : 17.6/13

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

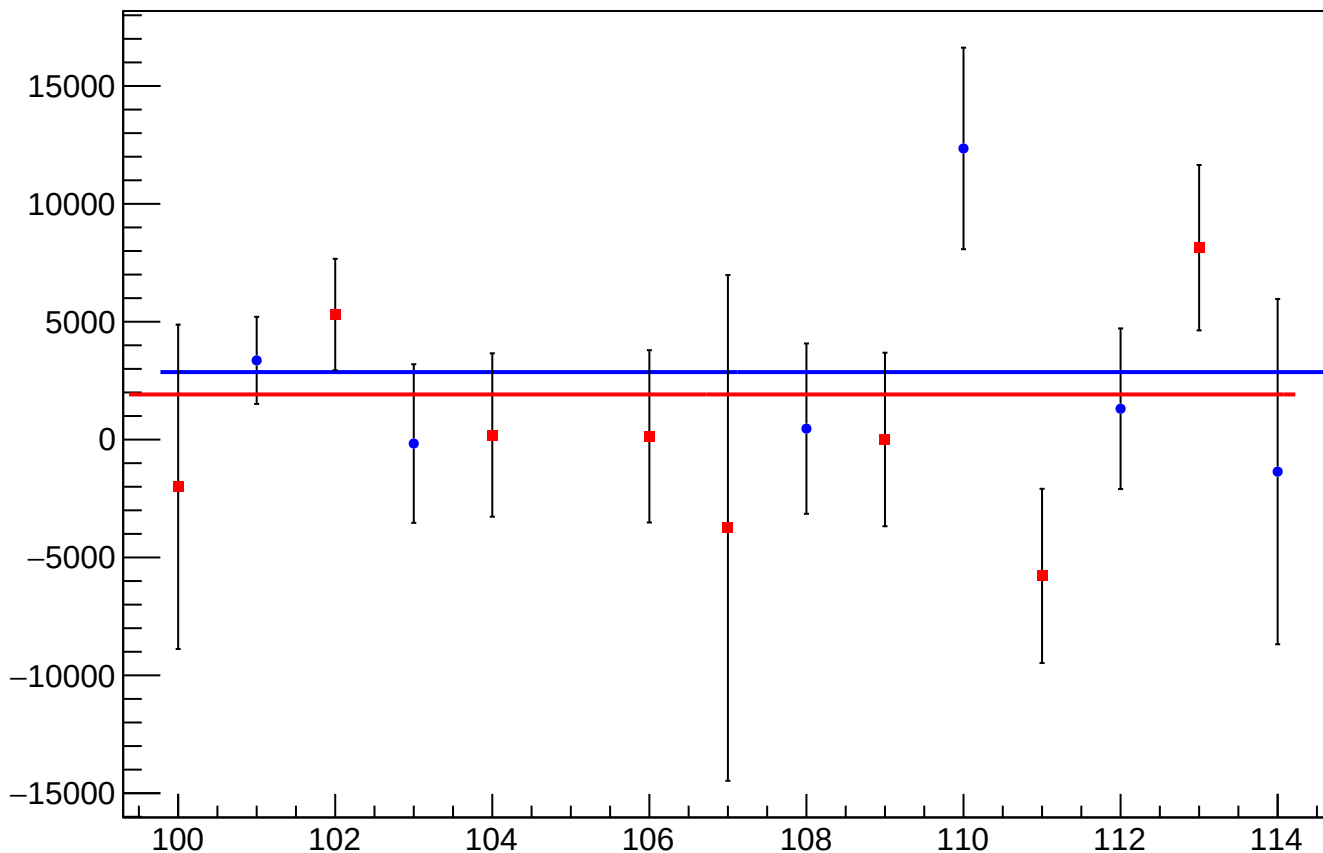
Right: 732.412+/-0.266 χ^2/NDF : 4136163.3/13

In: 564.616+/-0.308 χ^2/NDF : 1891936.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.412+/-0.266 χ^2/NDF : 4136163.3/13

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2863.882+/-1272.805 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1915.555+/-1296.205 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

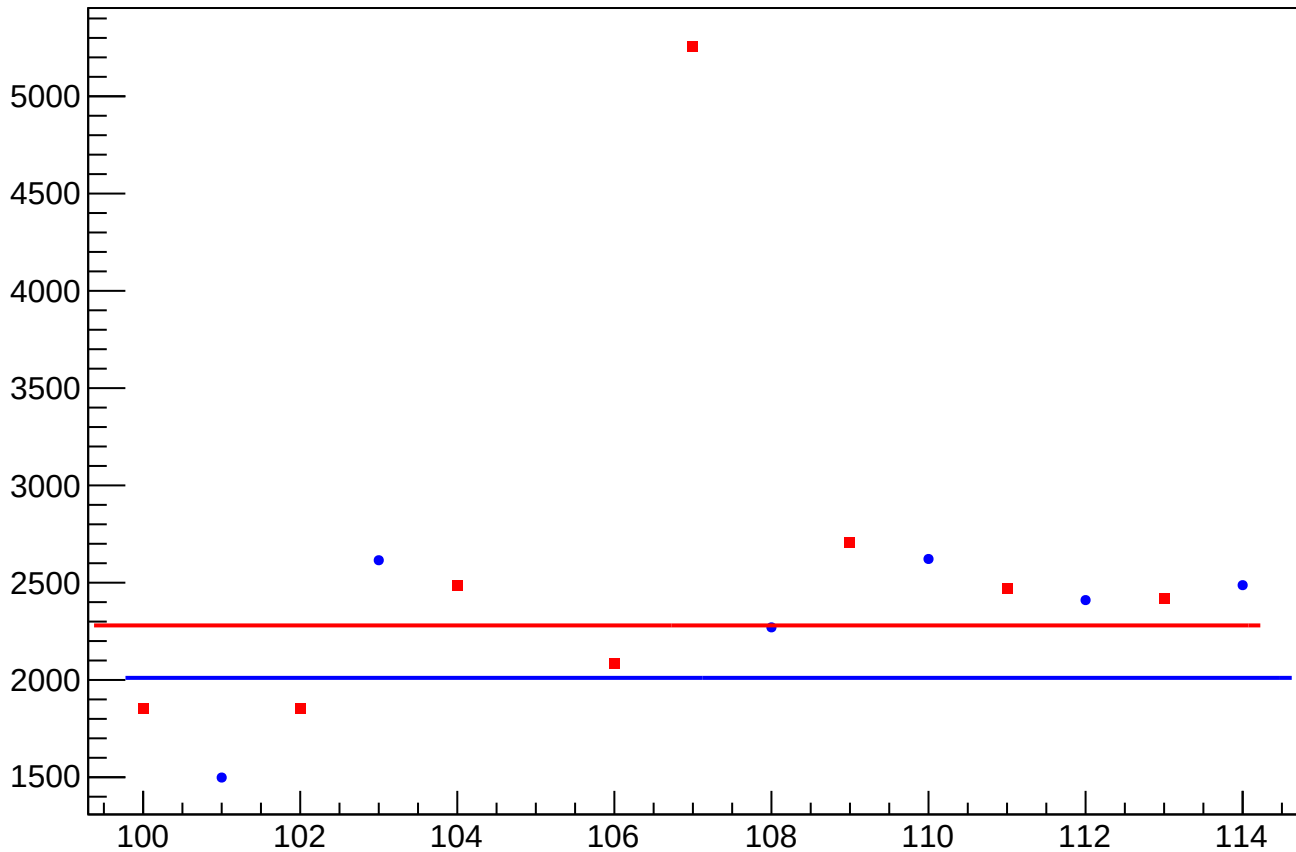
Right: 2398.355+/-908.169 χ^2/NDF : 18.0/13

In: 2863.882+/-1272.805 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2398.355+/-908.169 χ^2/NDF : 18.0/13

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

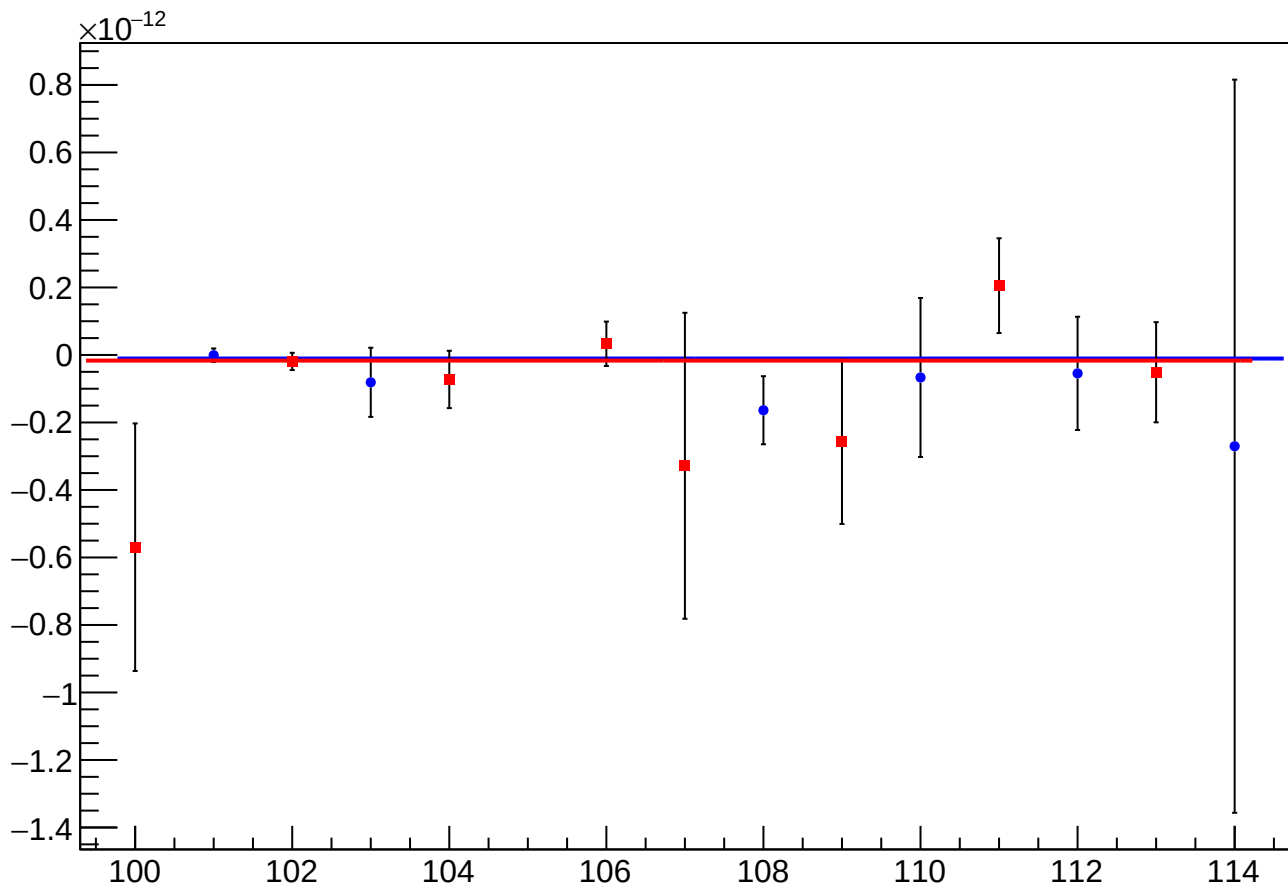
Right: 2143.113+/-0.642 χ^2/NDF : 624209.9/13

In: 2010.796+/-0.900 χ^2/NDF : 305510.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.113+/-0.642 χ^2/NDF : 624209.9/13

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

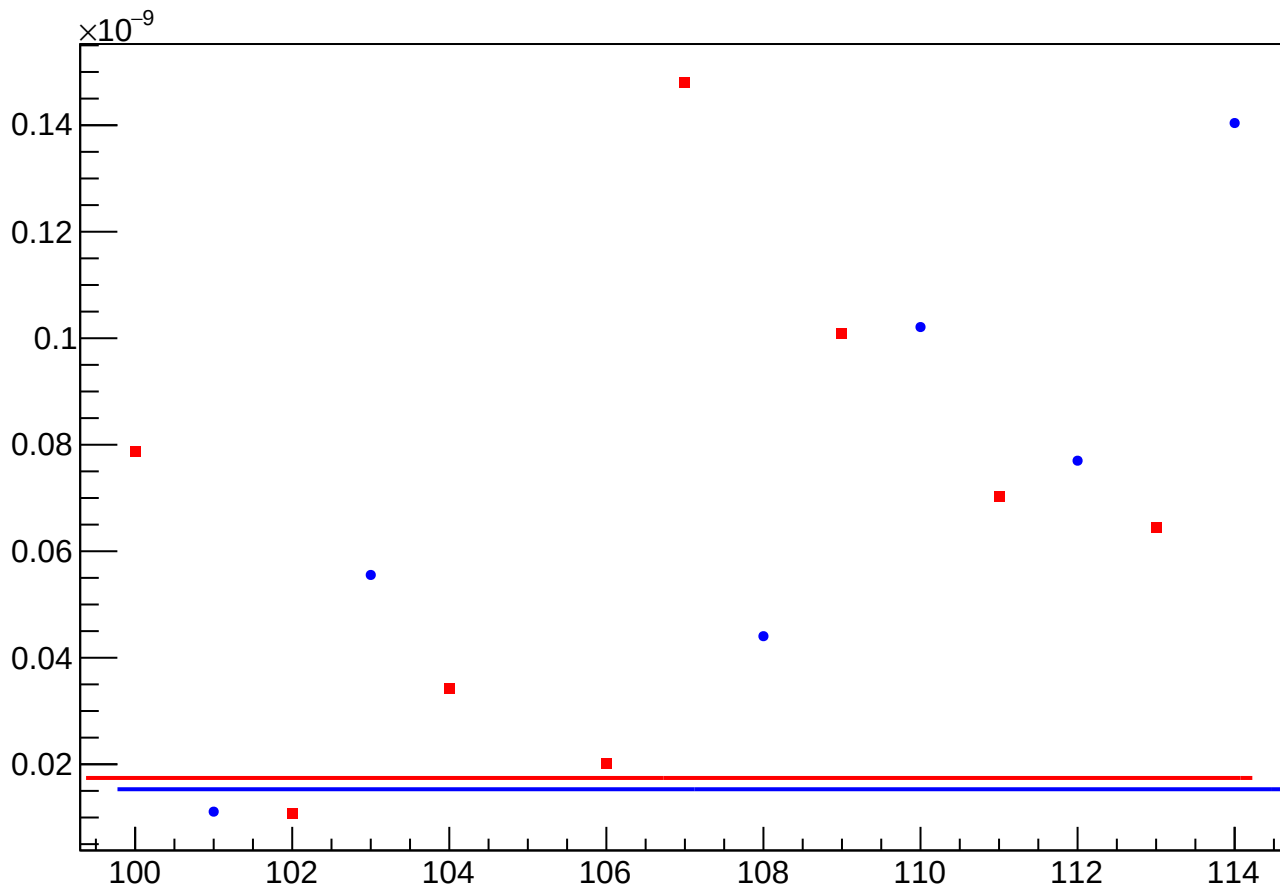
Right: -0.000+/-0.000 χ^2/NDF : 10.5/13

In: -0.000+/-0.000 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/13

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

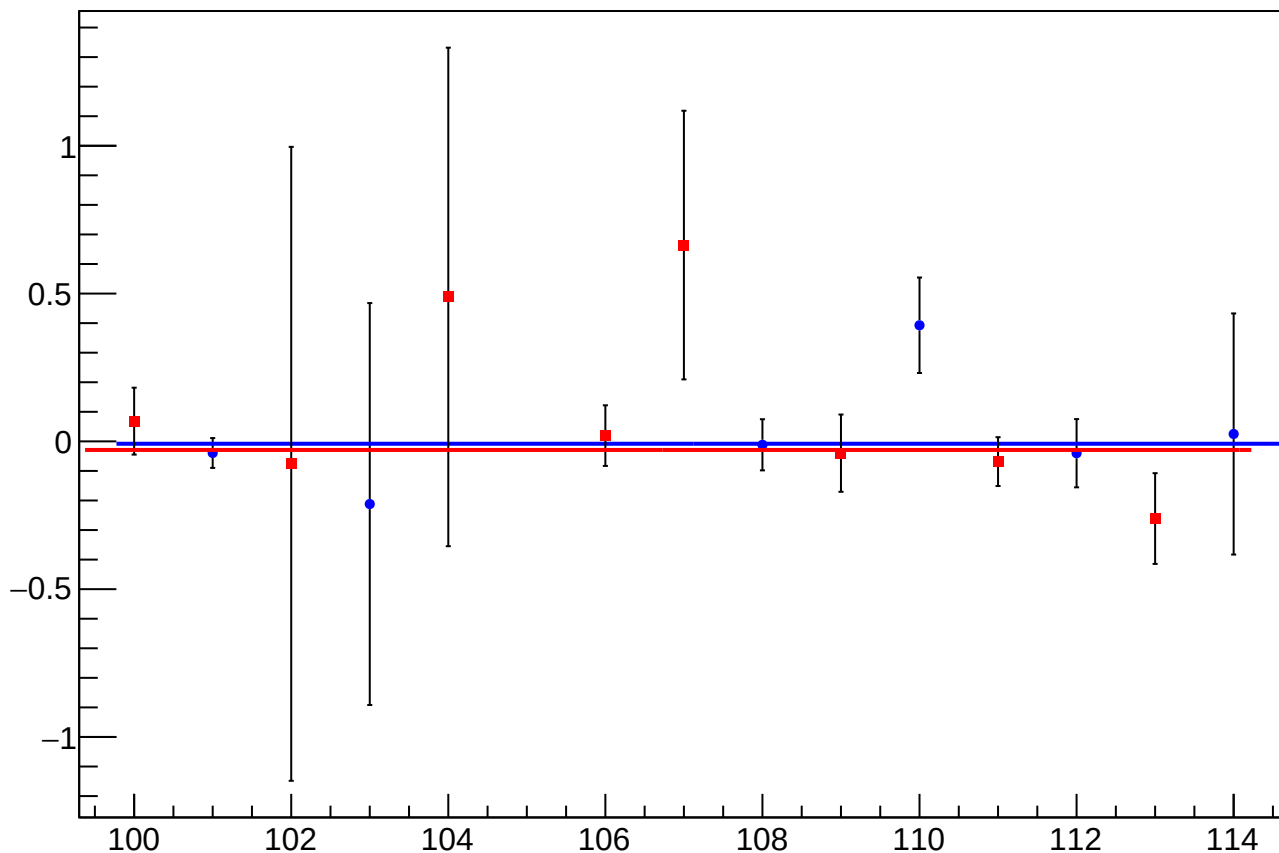
Right: 0.000+/-0.000 χ^2/NDF : 2299771.6/13

In: 0.000+/-0.000 χ^2/NDF : 1128076.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2299771.6/13

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.039 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.029+/-0.048 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

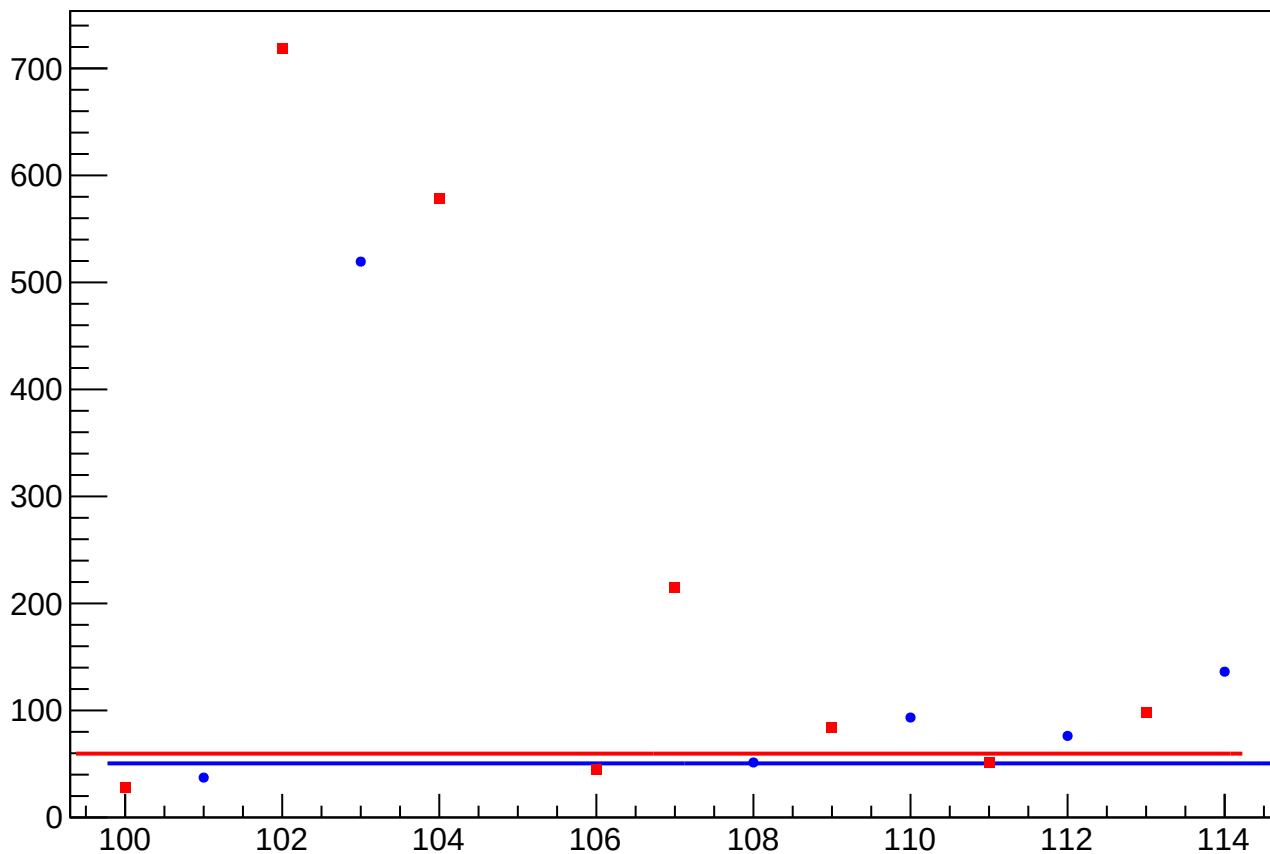
Right: -0.016+/-0.030 χ^2/NDF : 13.0/13

In: -0.008+/-0.039 χ^2/NDF :6.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.030 χ^2/NDF : 13.0/13

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

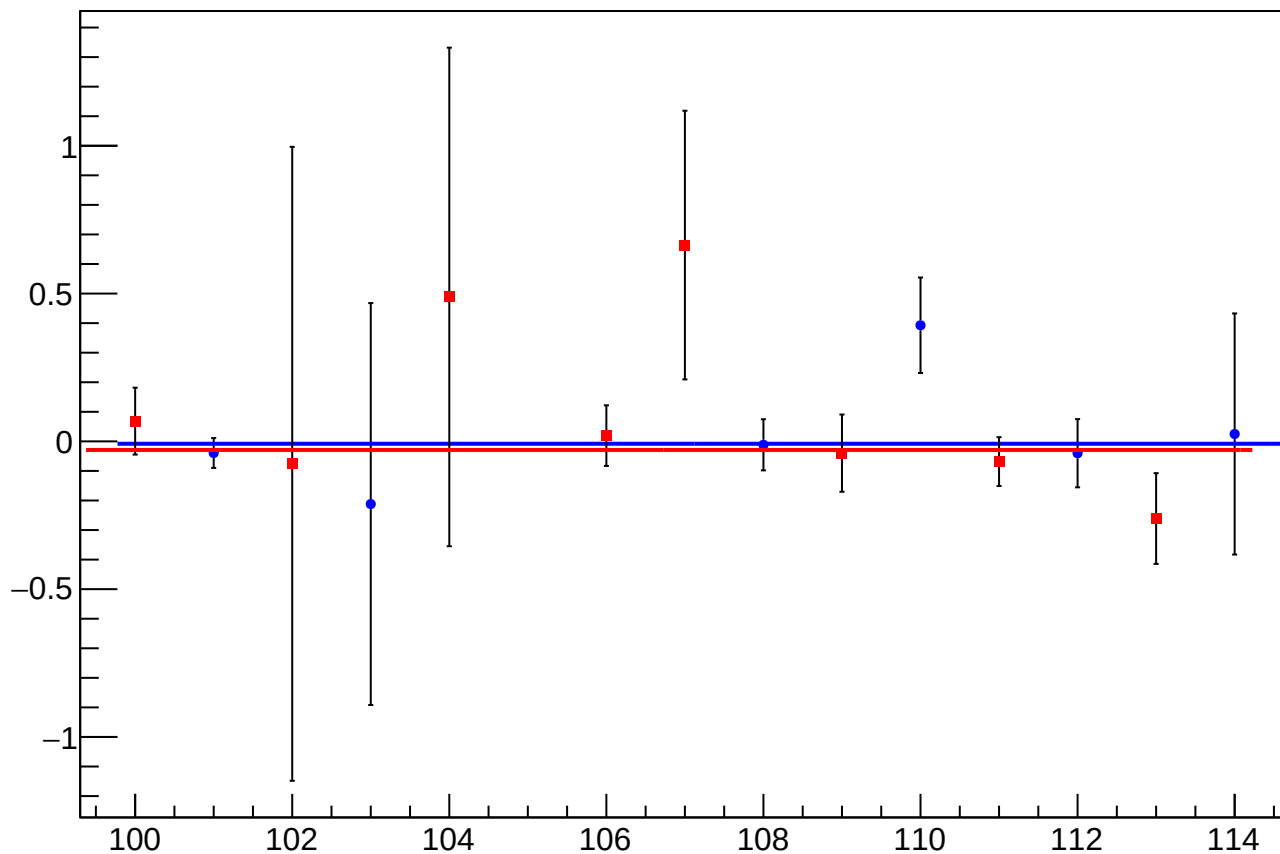
Right: 54.154+/-0.022 χ^2/NDF : 3621855.6/13

In: 50.526+/-0.028 χ^2/NDF : 1418244.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.154+/-0.022 χ^2/NDF : 3621855.6/13

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.039 χ^2/NDF : 6.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.048 χ^2/NDF : 6.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

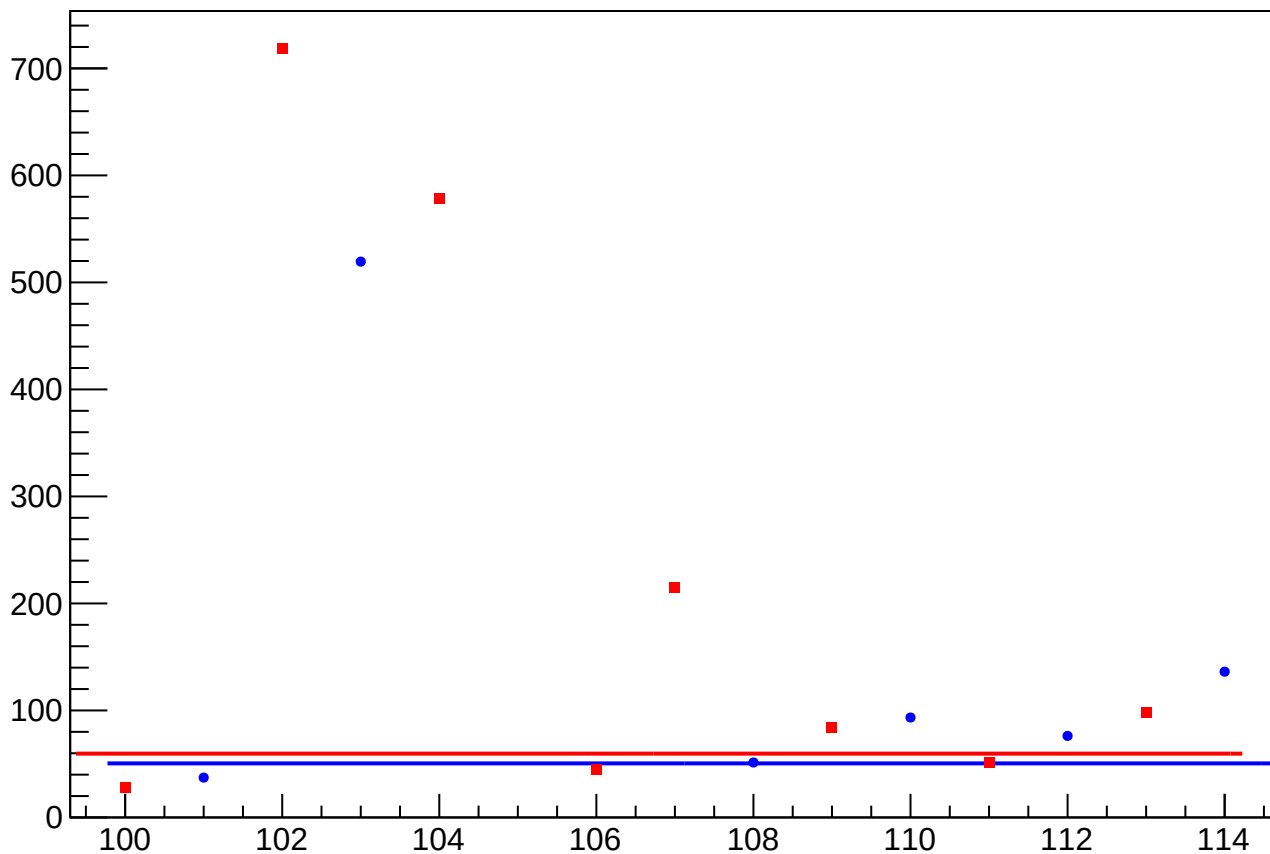
Right: -0.016 ± 0.030 χ^2/NDF : 13.0/13

In: -0.008 ± 0.039 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.030 χ^2/NDF : 13.0/13

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

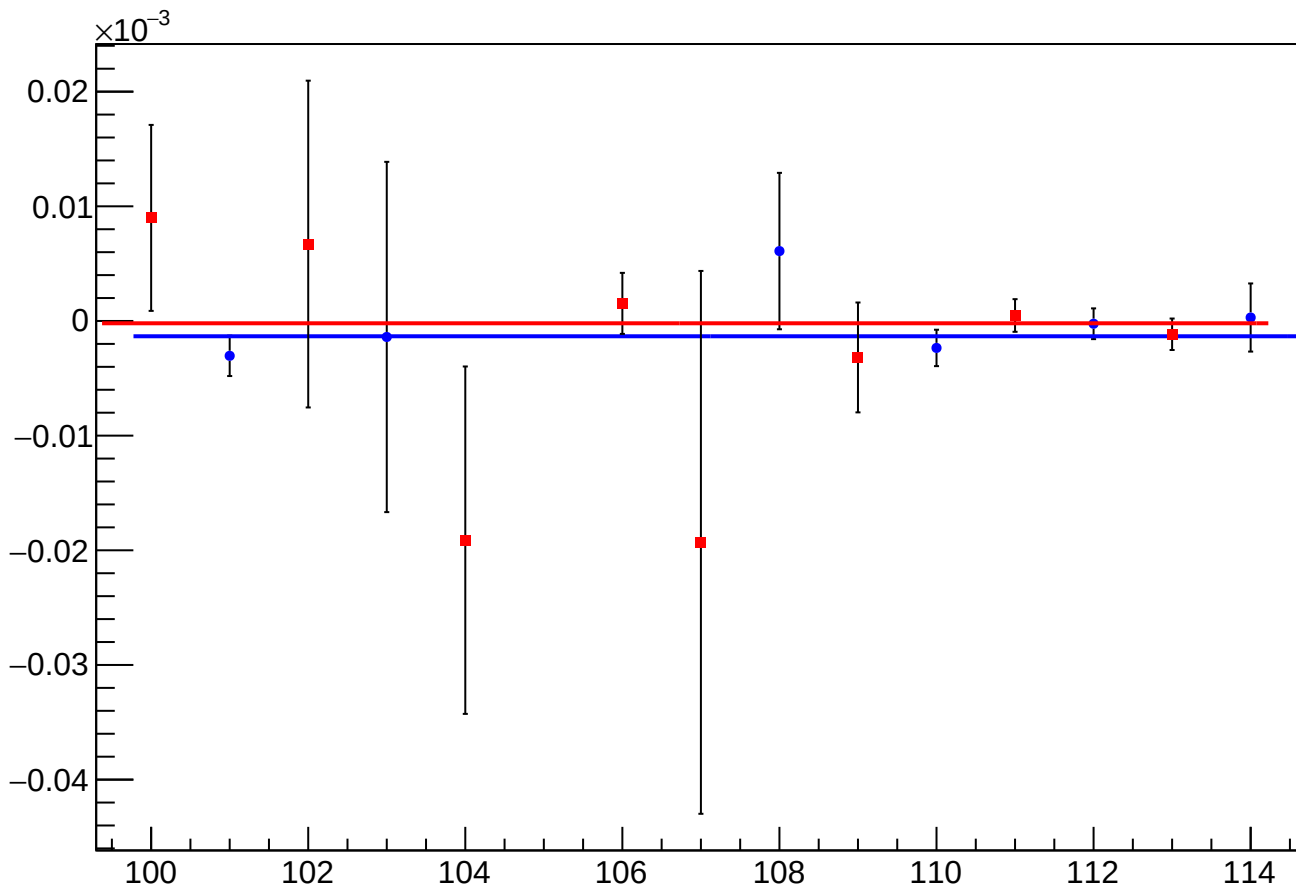
Right: 54.154+/-0.022 χ^2/NDF : 3621855.6/13

In: 50.526+/-0.028 χ^2/NDF : 1418244.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.154+/-0.022 χ^2/NDF : 3621855.6/13

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

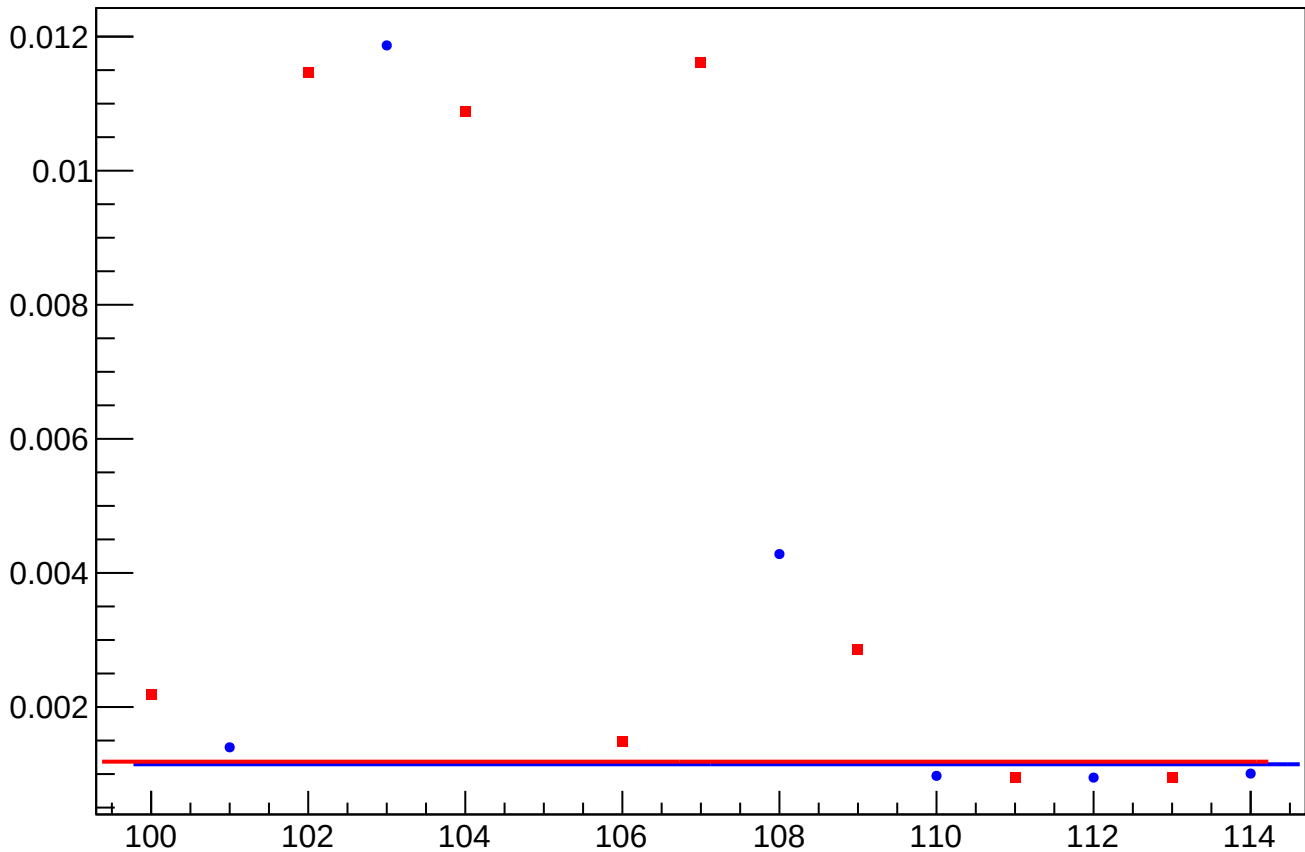
Right: -0.000+/-0.000 χ^2/NDF : 9.6/13

In: -0.000+/-0.000 χ^2/NDF :3.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/13

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

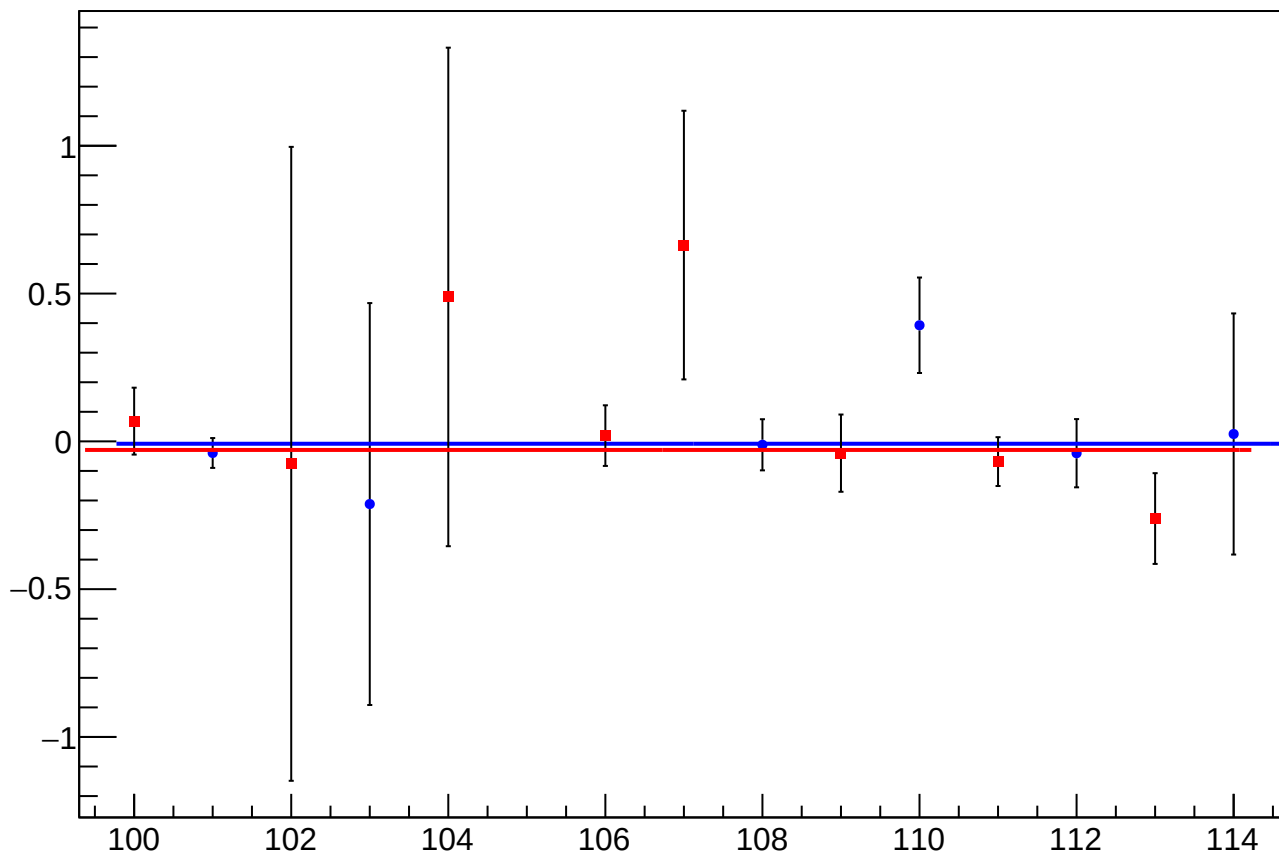
Right: 0.001+/-0.000 χ^2/NDF : 4187331.2/13

In: 0.001+/-0.000 χ^2/NDF :1521446.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4187331.2/13

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.039 χ^2 /NDF: 6.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.029+/-0.048 χ^2 /NDF: 6.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

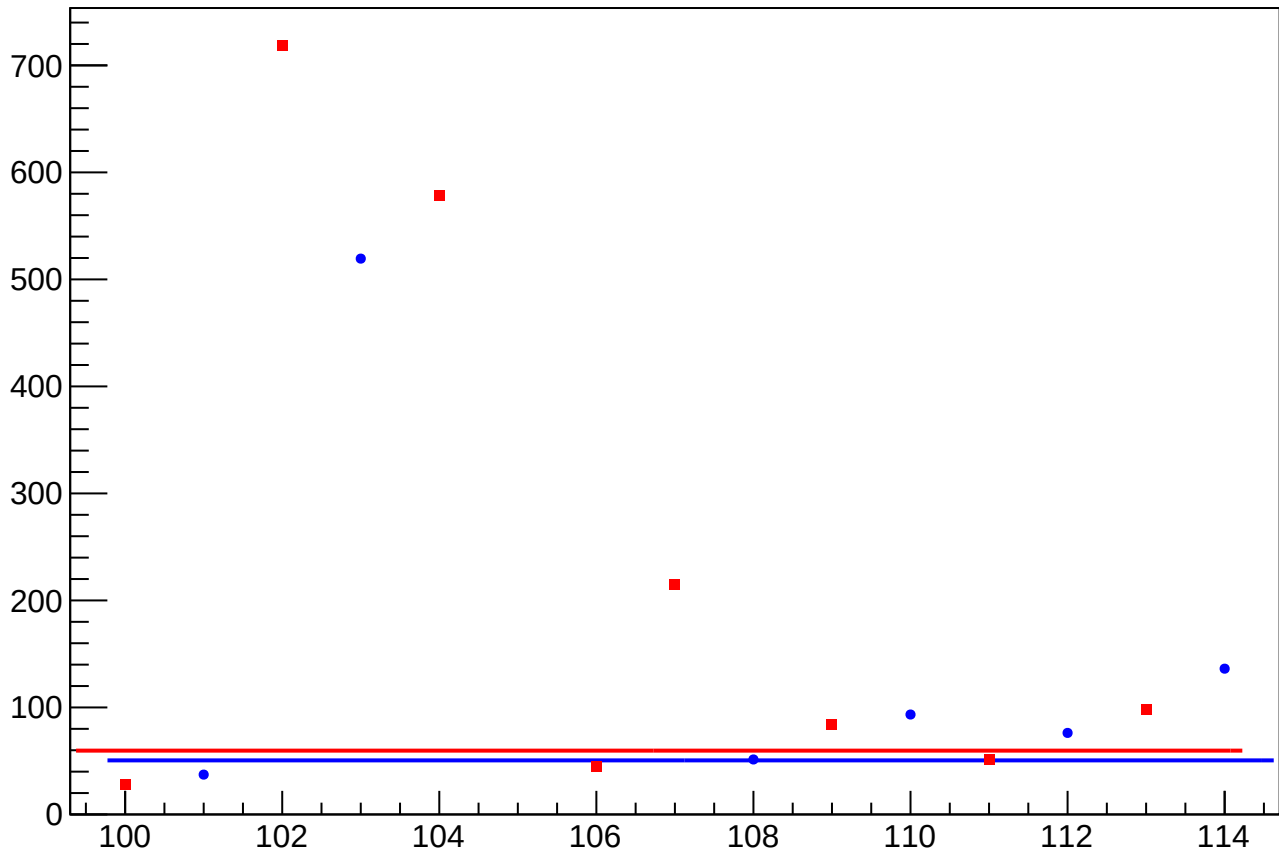
Right: -0.016+/-0.030 χ^2 /NDF: 13.0/13

In: -0.008+/-0.039 χ^2 /NDF:6.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.016+/-0.030 χ^2 /NDF: 13.0/13

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

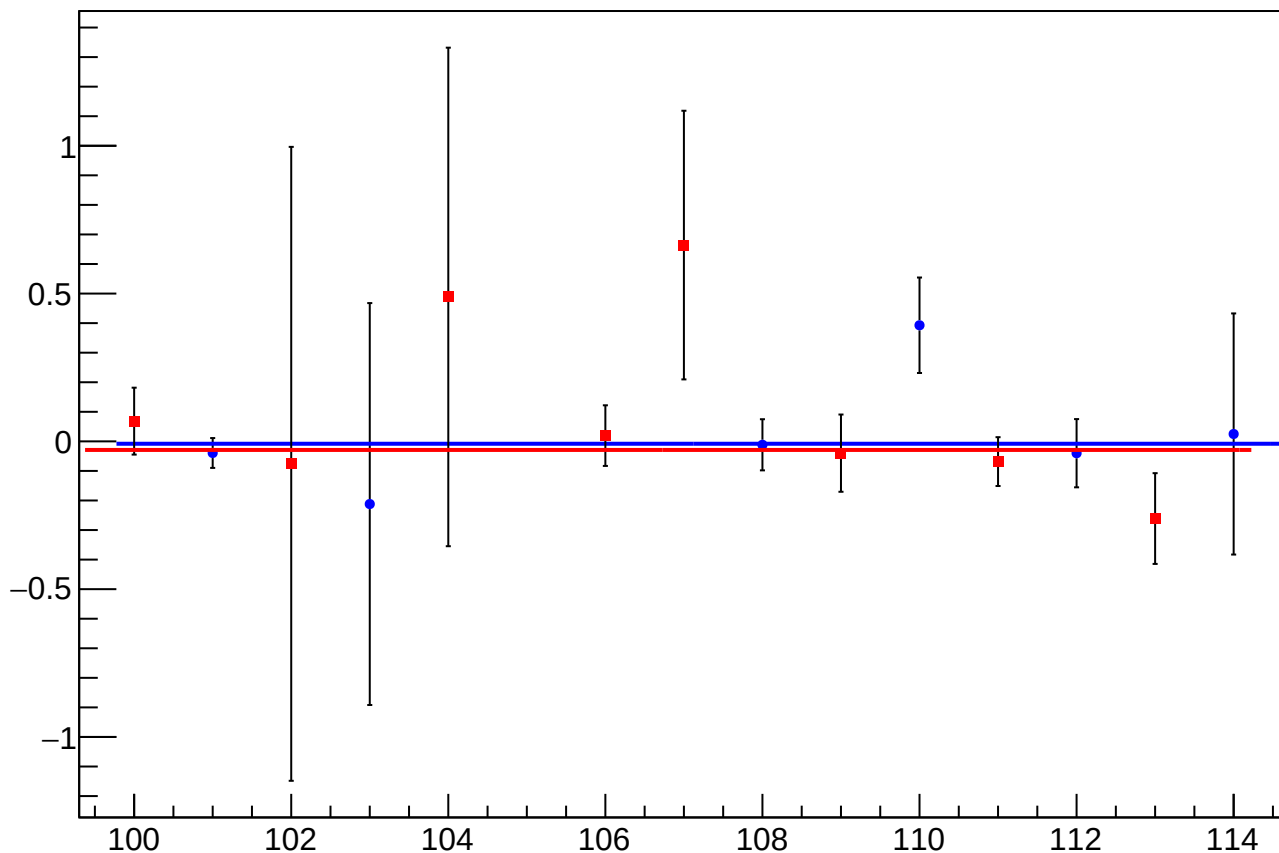
Right: 54.155+/-0.022 χ^2/NDF : 3621826.0/13

In: 50.527+/-0.028 χ^2/NDF : 1418230.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.155+/-0.022 χ^2/NDF : 3621826.0/13

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.039 χ^2/NDF : 6.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.048 χ^2/NDF : 6.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

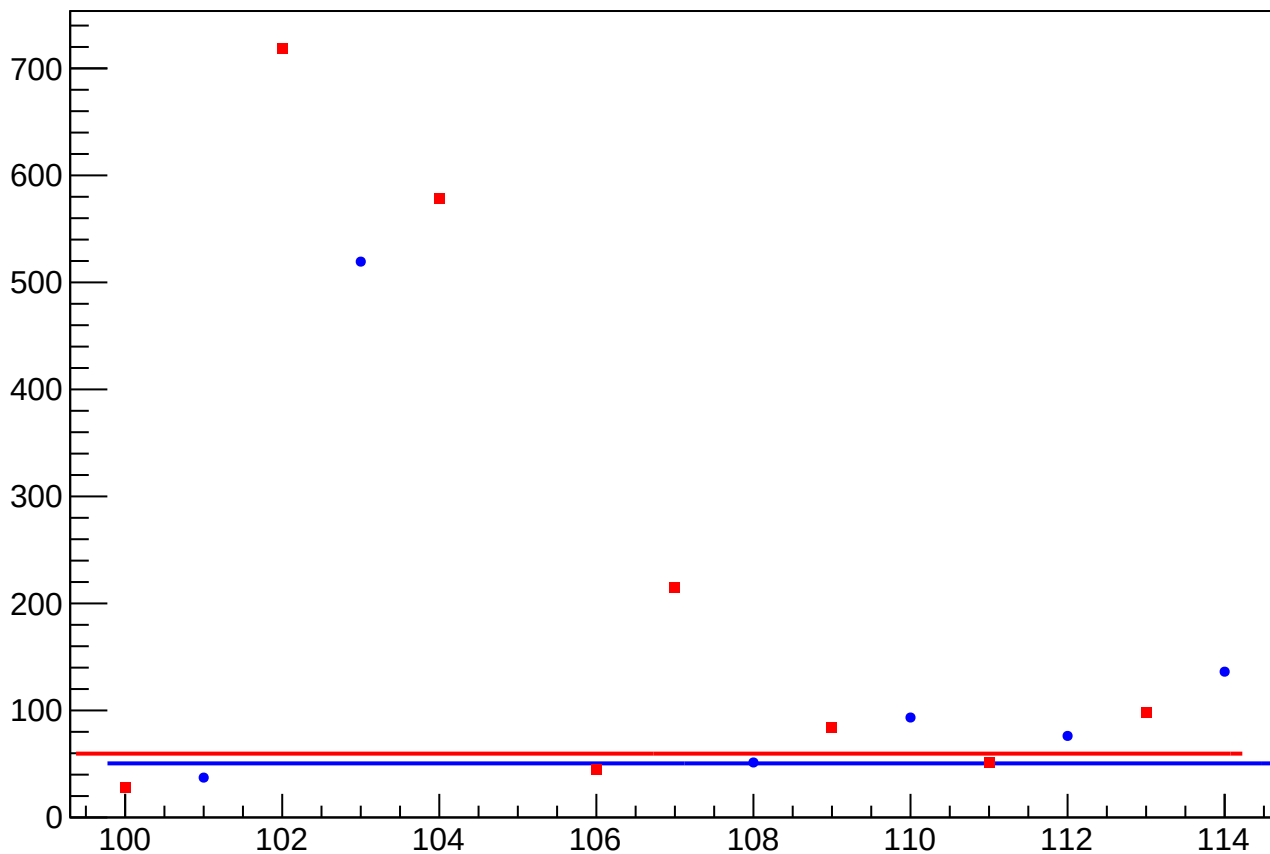
Right: -0.016 ± 0.030 χ^2/NDF : 13.0/13

In: -0.008 ± 0.039 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.030 χ^2/NDF : 13.0/13

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

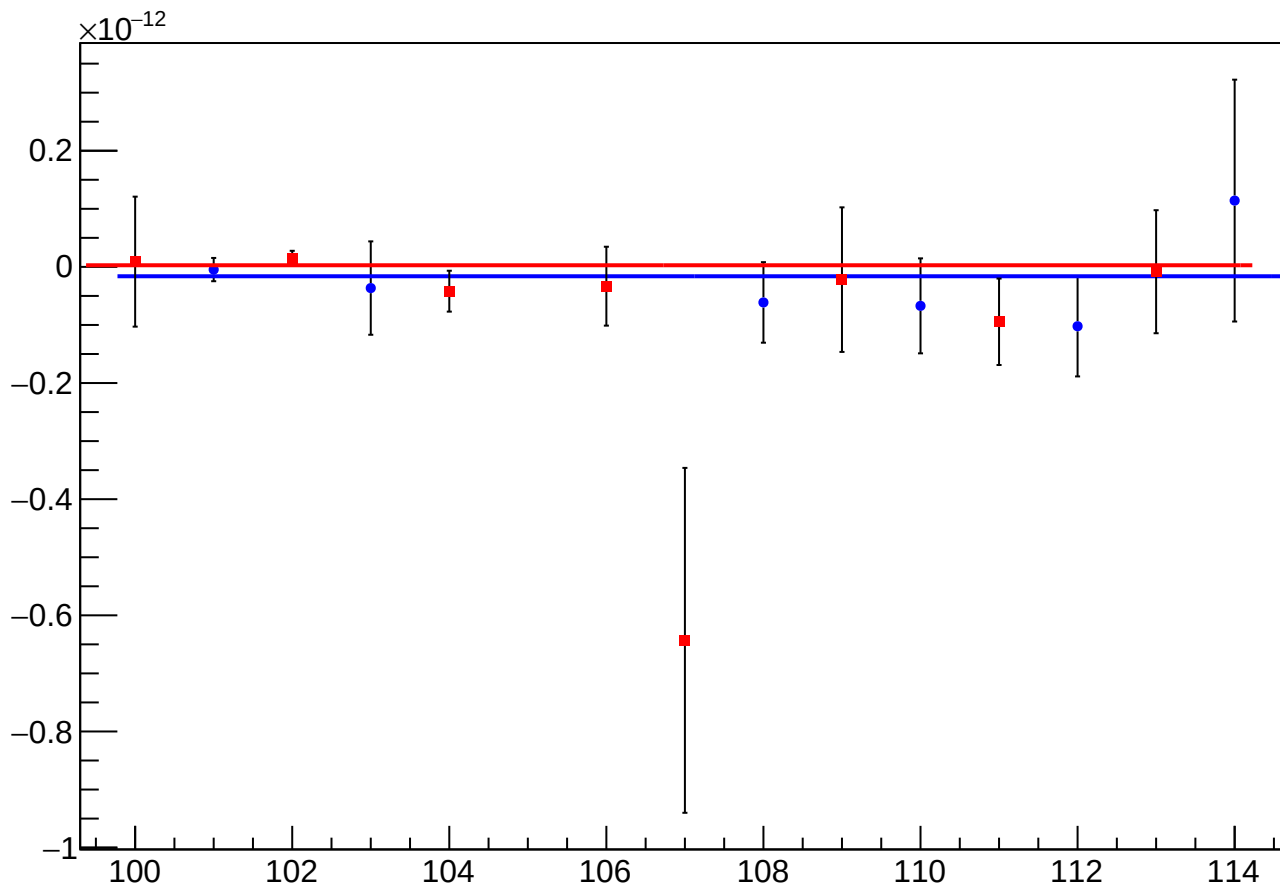
Right: 54.155+/-0.022 χ^2/NDF : 3621826.0/13

In: 50.527+/-0.028 χ^2/NDF :1418230.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.155+/-0.022 χ^2/NDF : 3621826.0/13

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

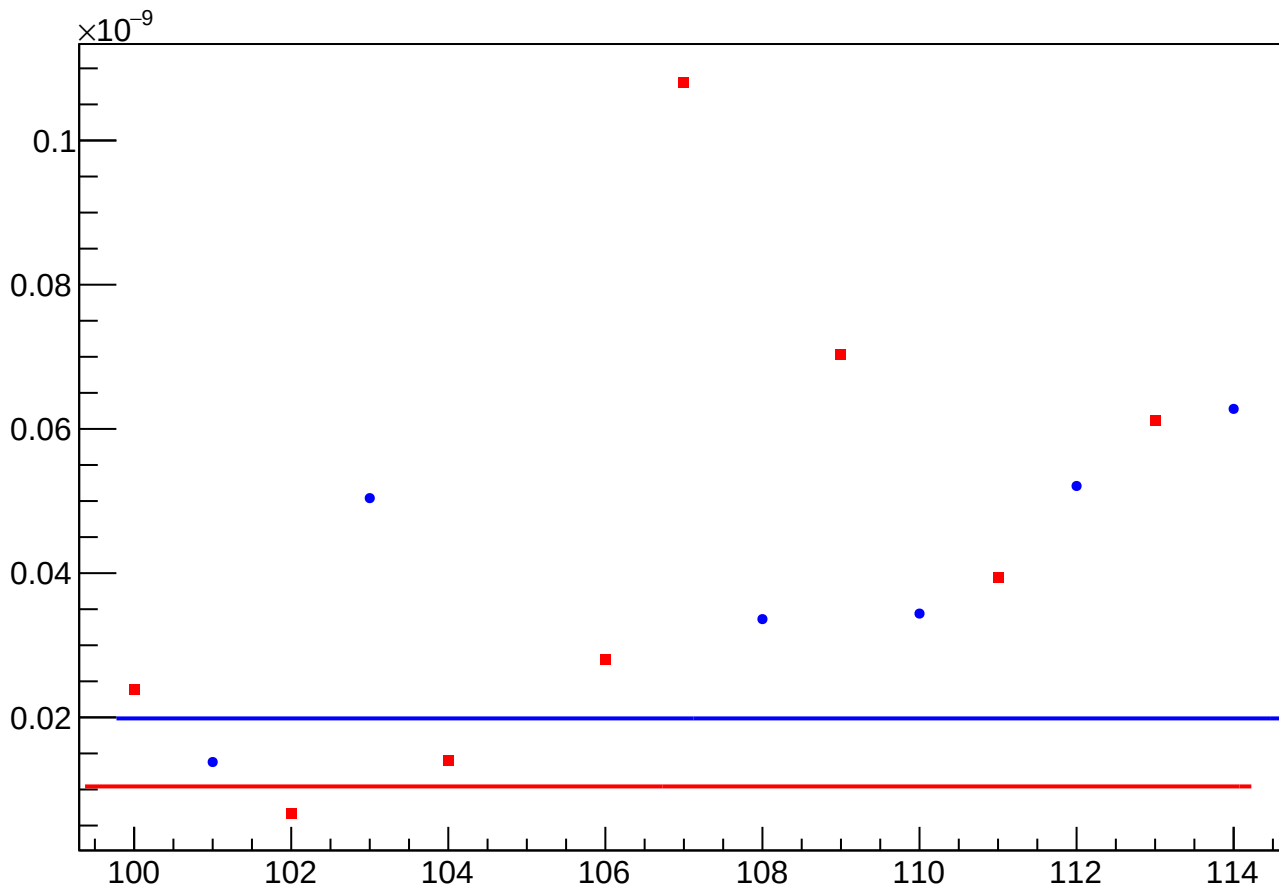
Right: -0.000+/-0.000 χ^2 /NDF: 12.6/13

In: -0.000+/-0.000 χ^2 /NDF:2.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.6/13

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

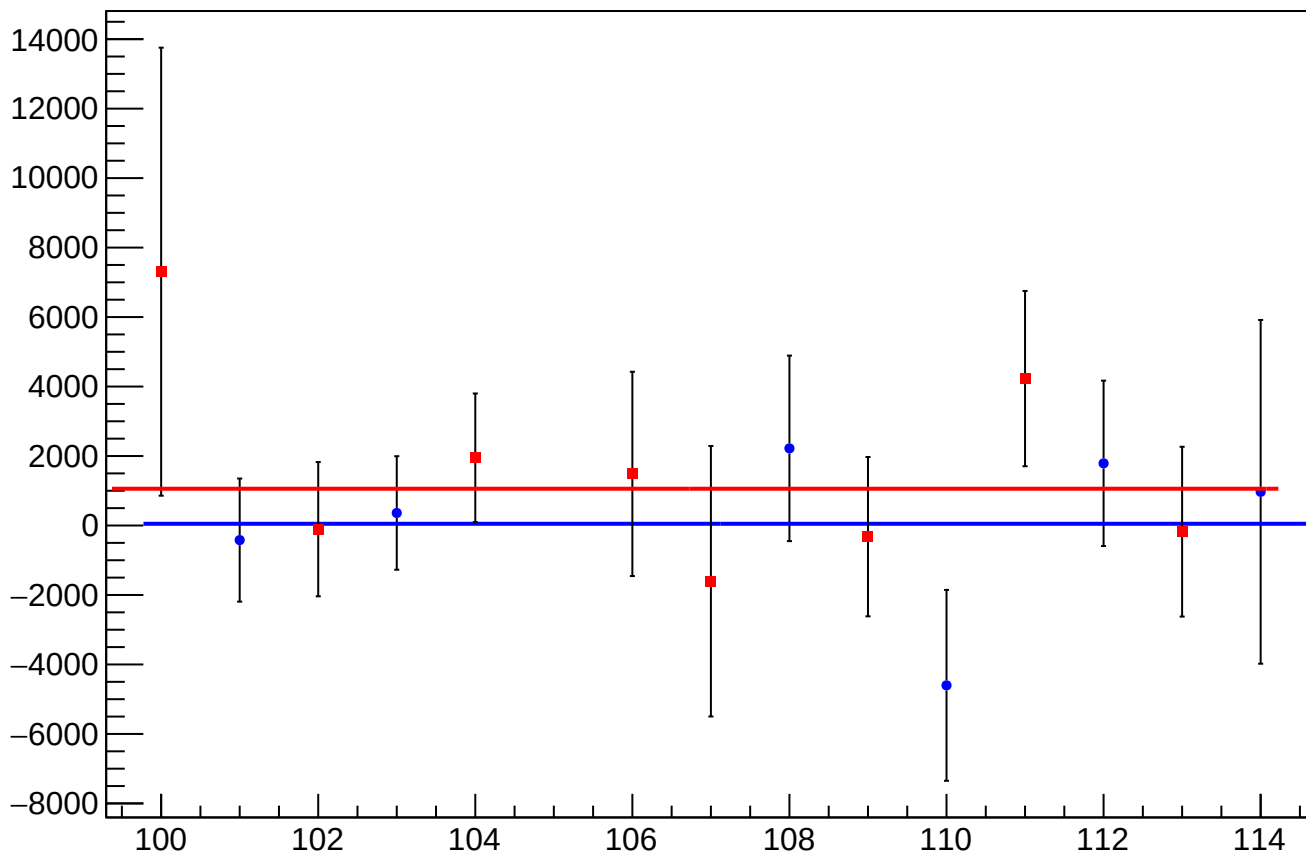
Right: 0.000+/-0.000 χ^2/NDF : 3164562.1/13

In: 0.000+/-0.000 χ^2/NDF : 976090.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3164562.1/13

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

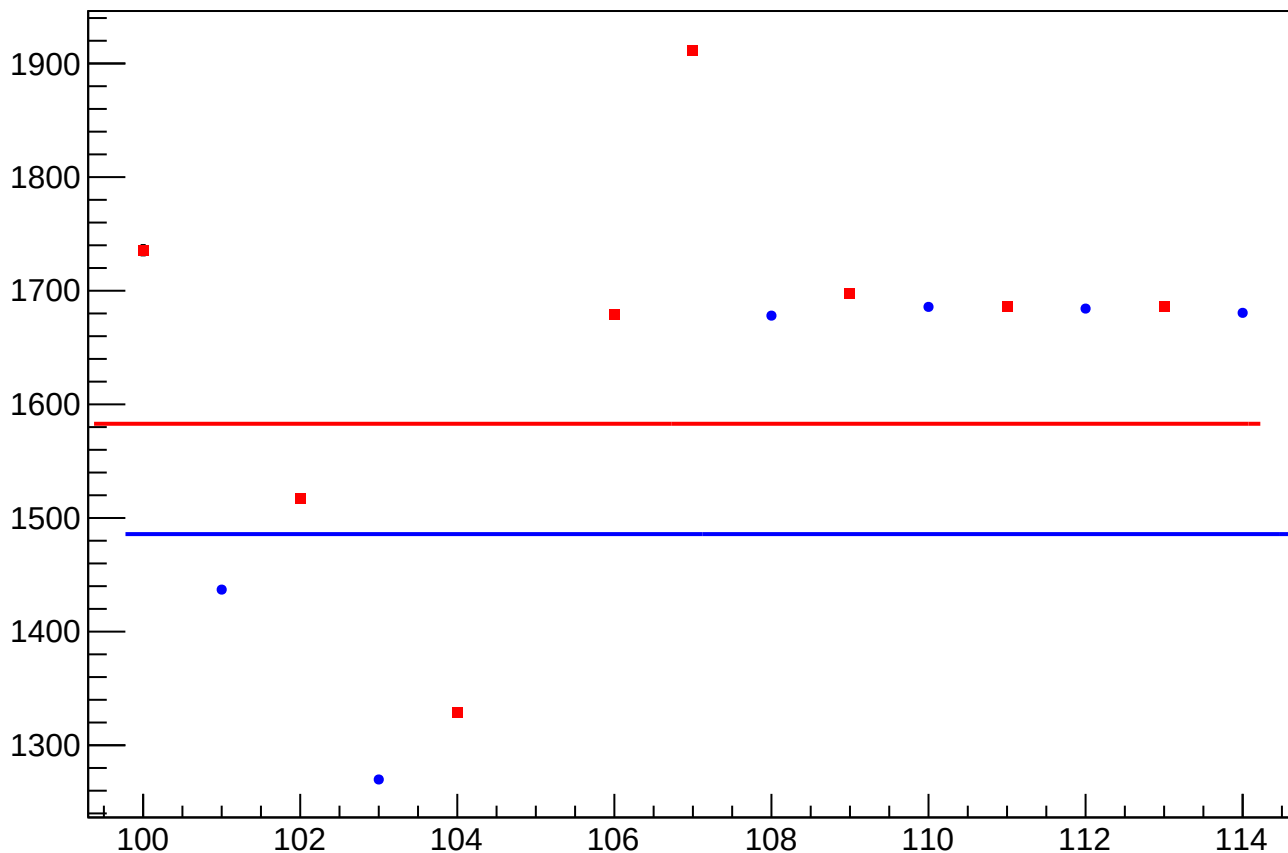
Right: 574.312+/-637.163 χ^2/NDF : 9.0/13

In: 49.955+/-919.322 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.312+/-637.163 χ^2/NDF : 9.0/13

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

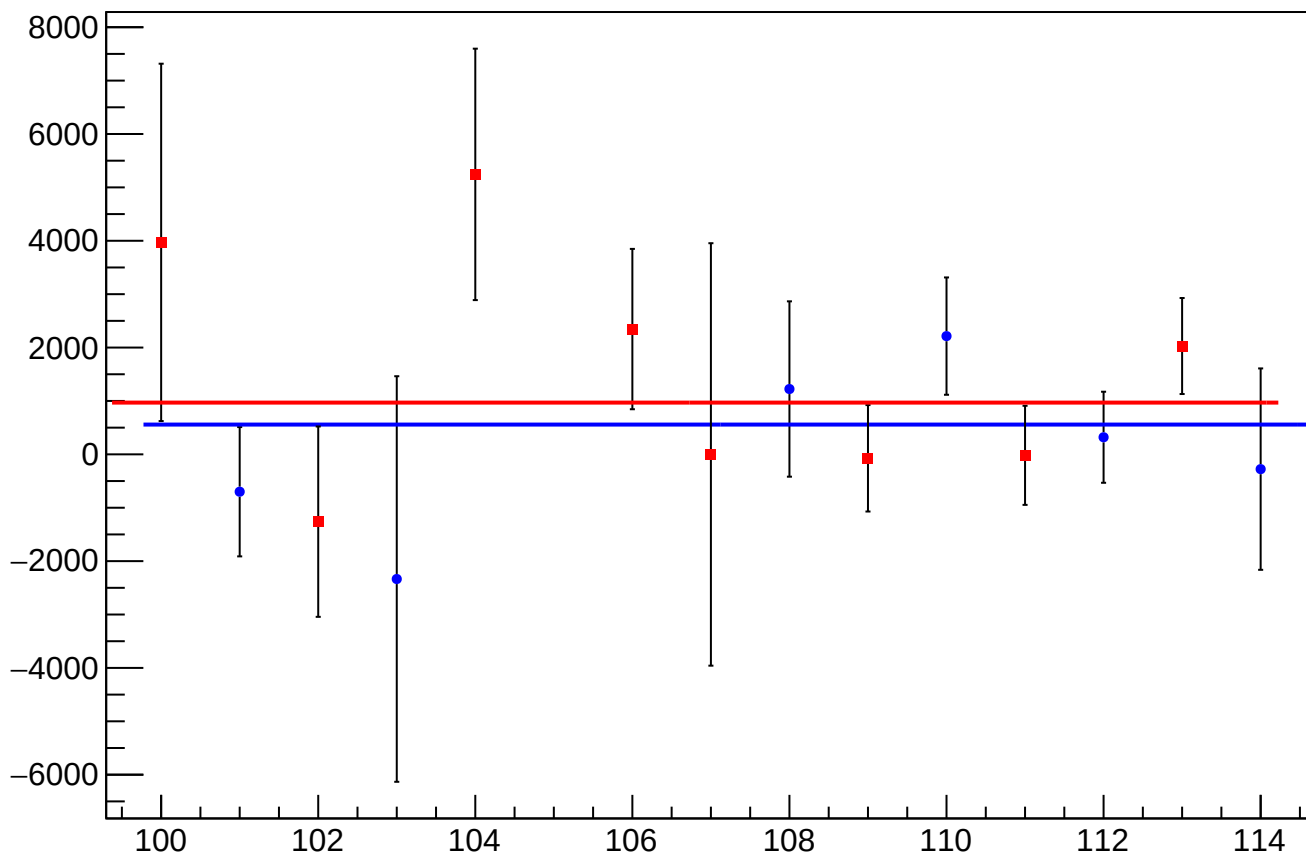
Right: 1536.278+/-0.451 χ^2/NDF : 155542.5/13

In: 1485.821+/-0.650 χ^2/NDF : 74435.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.278+/-0.451 χ^2/NDF : 155542.5/13

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 557.652+/-526.555 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 969.170+/-471.597 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

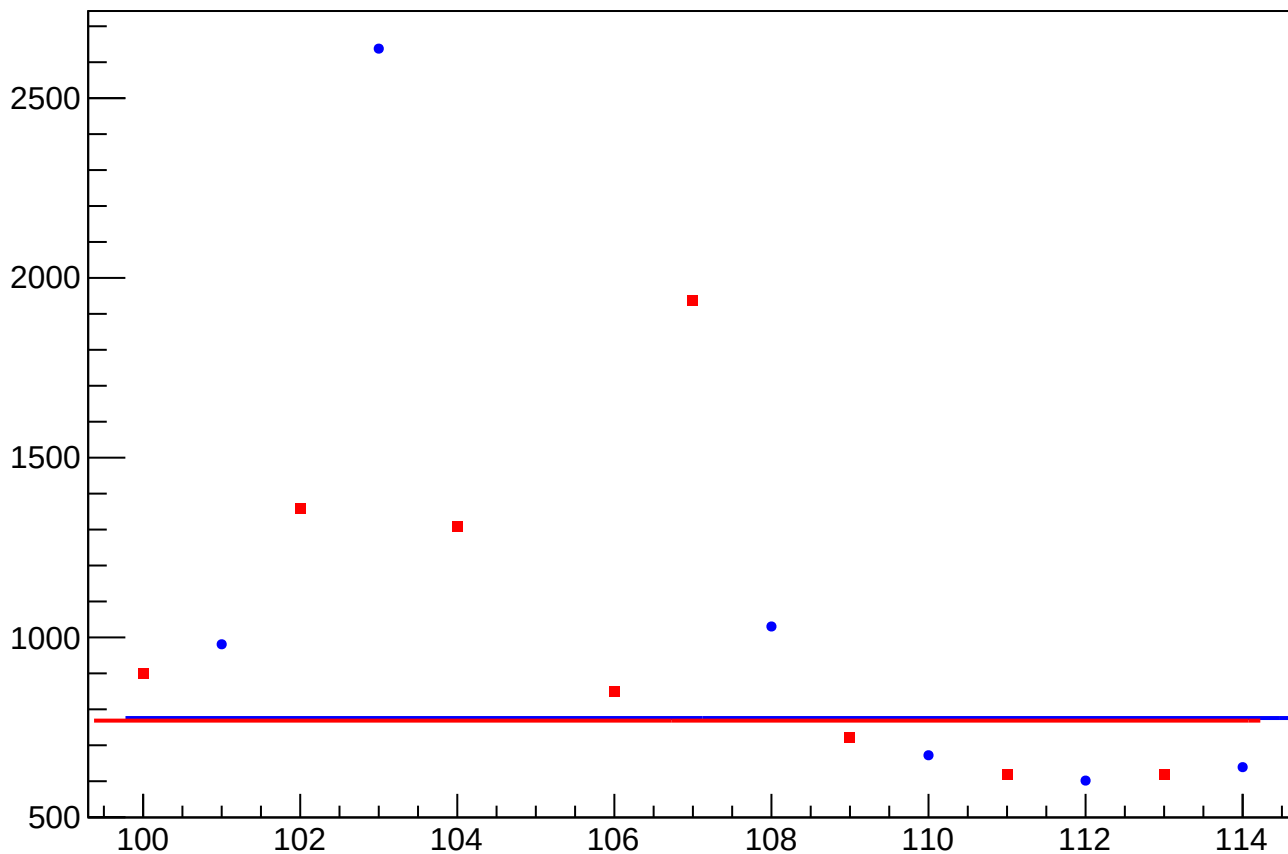
Right: 786.001+/-351.298 χ^2/NDF : 14.9/13

In: 557.652+/-526.555 χ^2/NDF :4.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 786.001+/-351.298 χ^2/NDF : 14.9/13

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 775.770+/-0.372 χ^2/NDF : 697681.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 768.590+/-0.333 χ^2/NDF : 620311.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

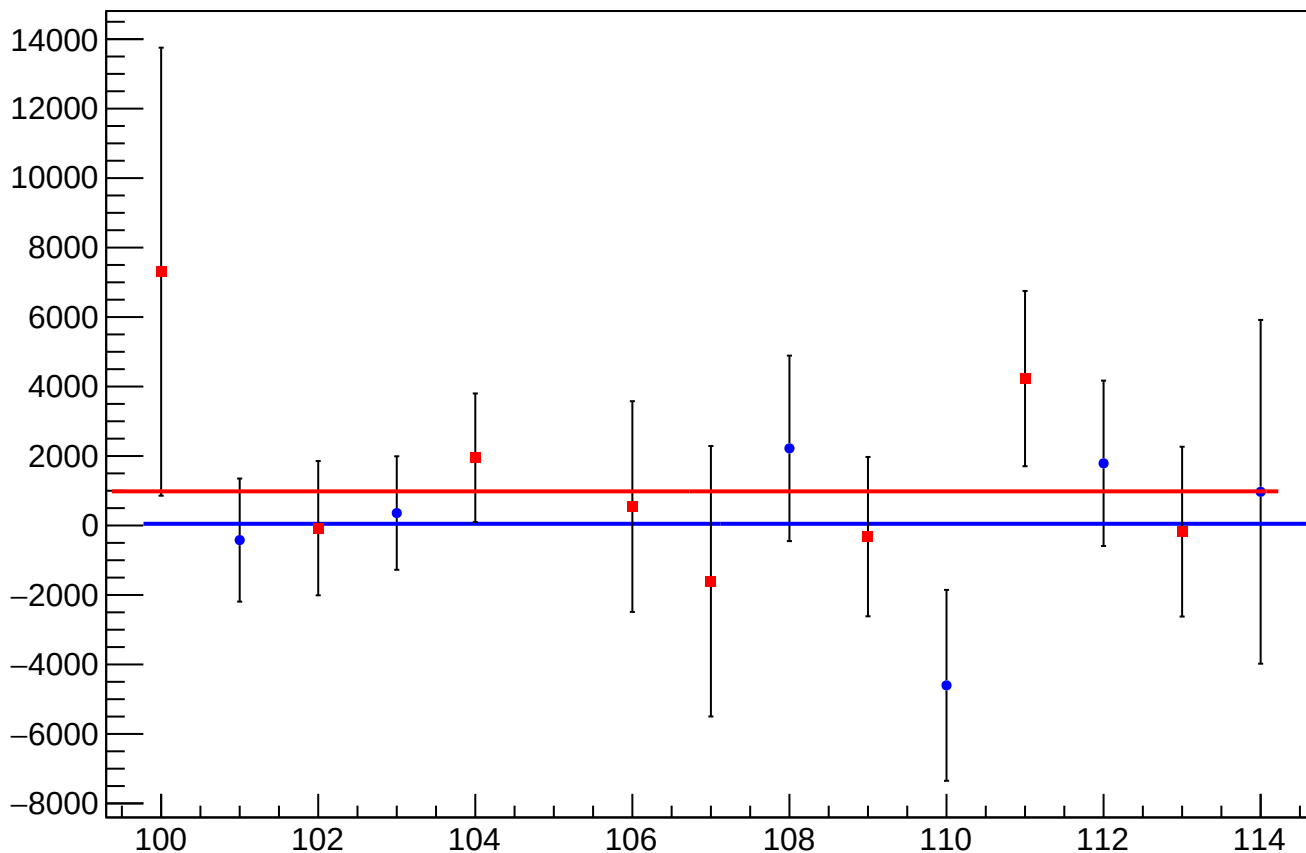
Right: 771.786+/-0.248 χ^2/NDF : 1318198.7/13

In: 775.770+/-0.372 χ^2/NDF : 697681.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.786+/-0.248 χ^2/NDF : 1318198.7/13

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

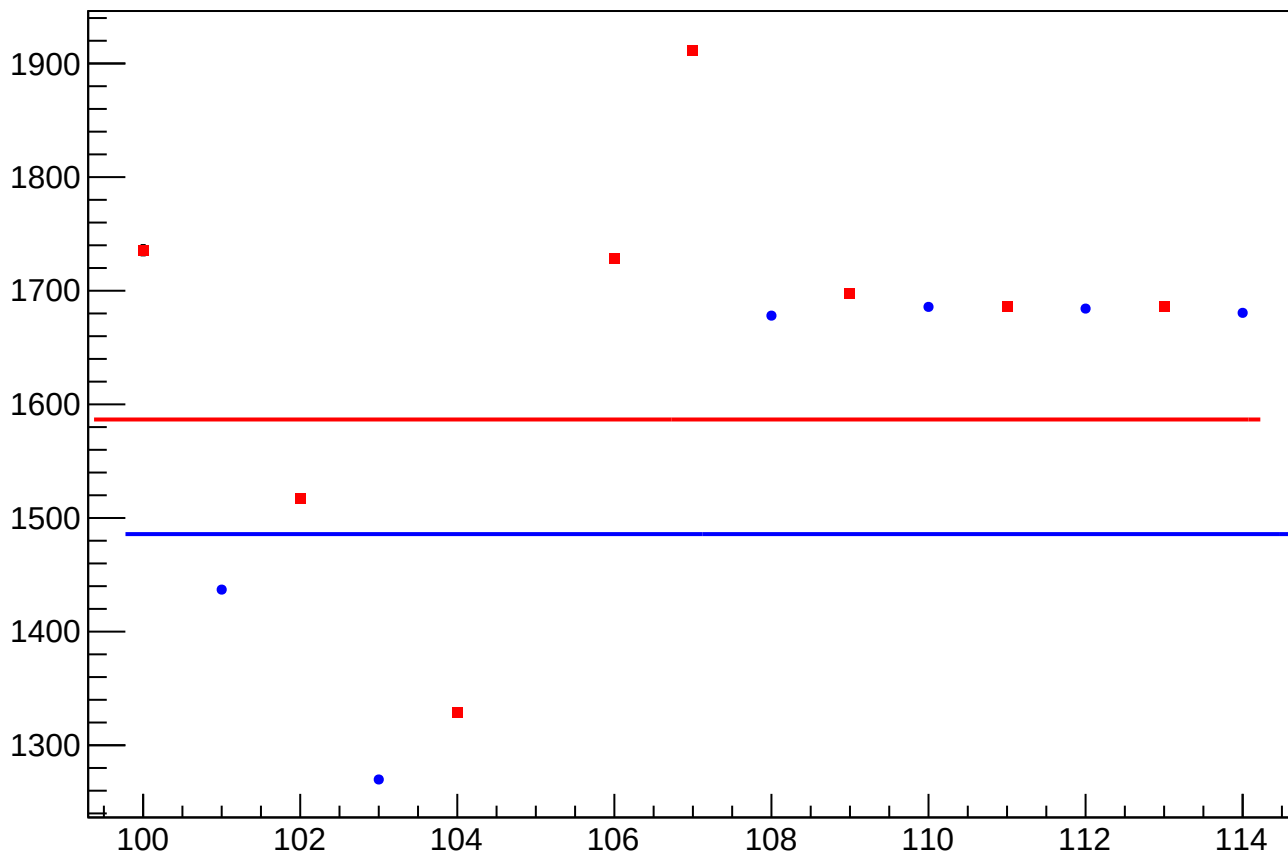
Right: 533.087+/-638.071 χ^2/NDF : 8.9/13

In: 49.105+/-919.322 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.087+/-638.071 χ^2/NDF : 8.9/13

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1485.822+/-0.650 χ^2/NDF : 74435.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.687+/-0.627 χ^2/NDF : 71952.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

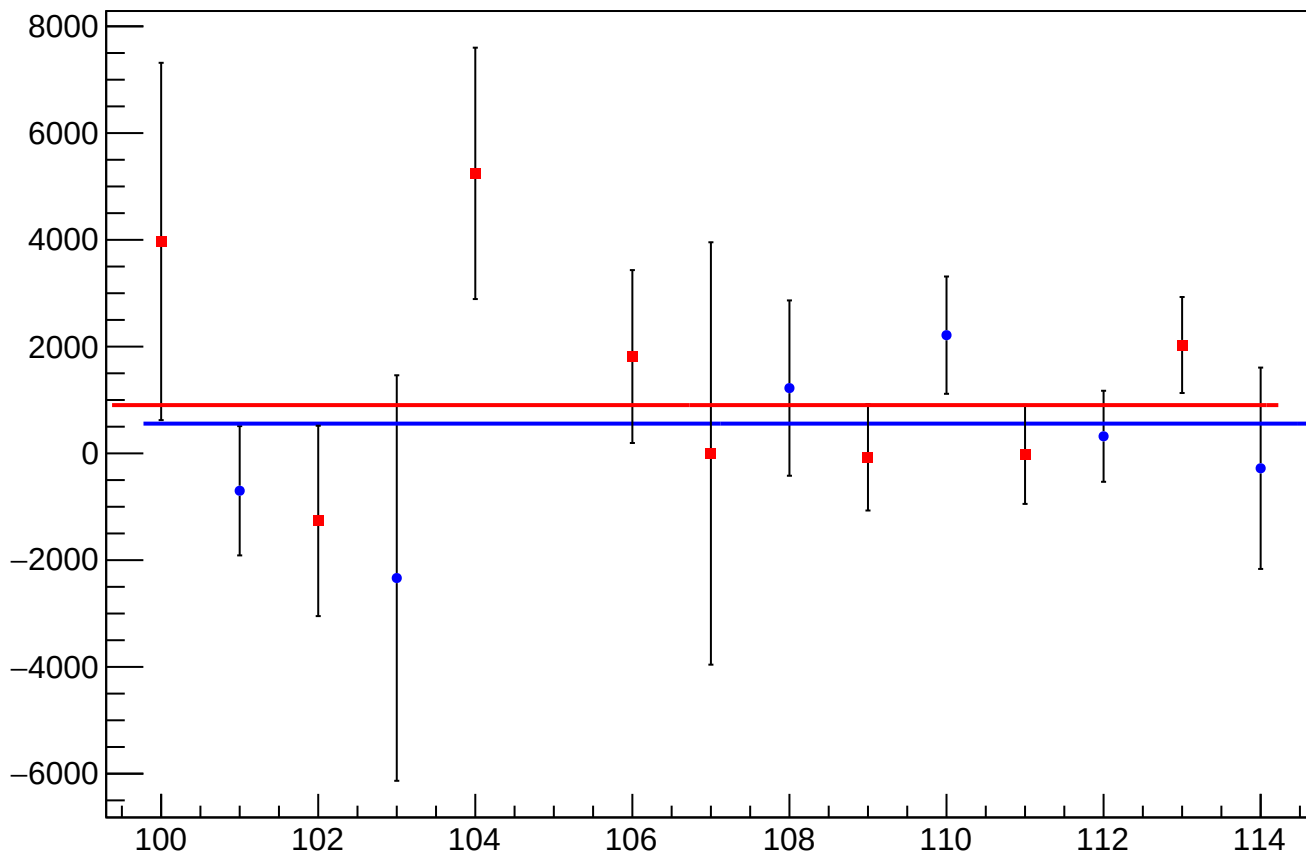
Right: 1538.097+/-0.451 χ^2/NDF : 158865.5/13

In: 1485.822+/-0.650 χ^2/NDF : 74435.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.097+/-0.451 χ^2/NDF : 158865.5/13

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

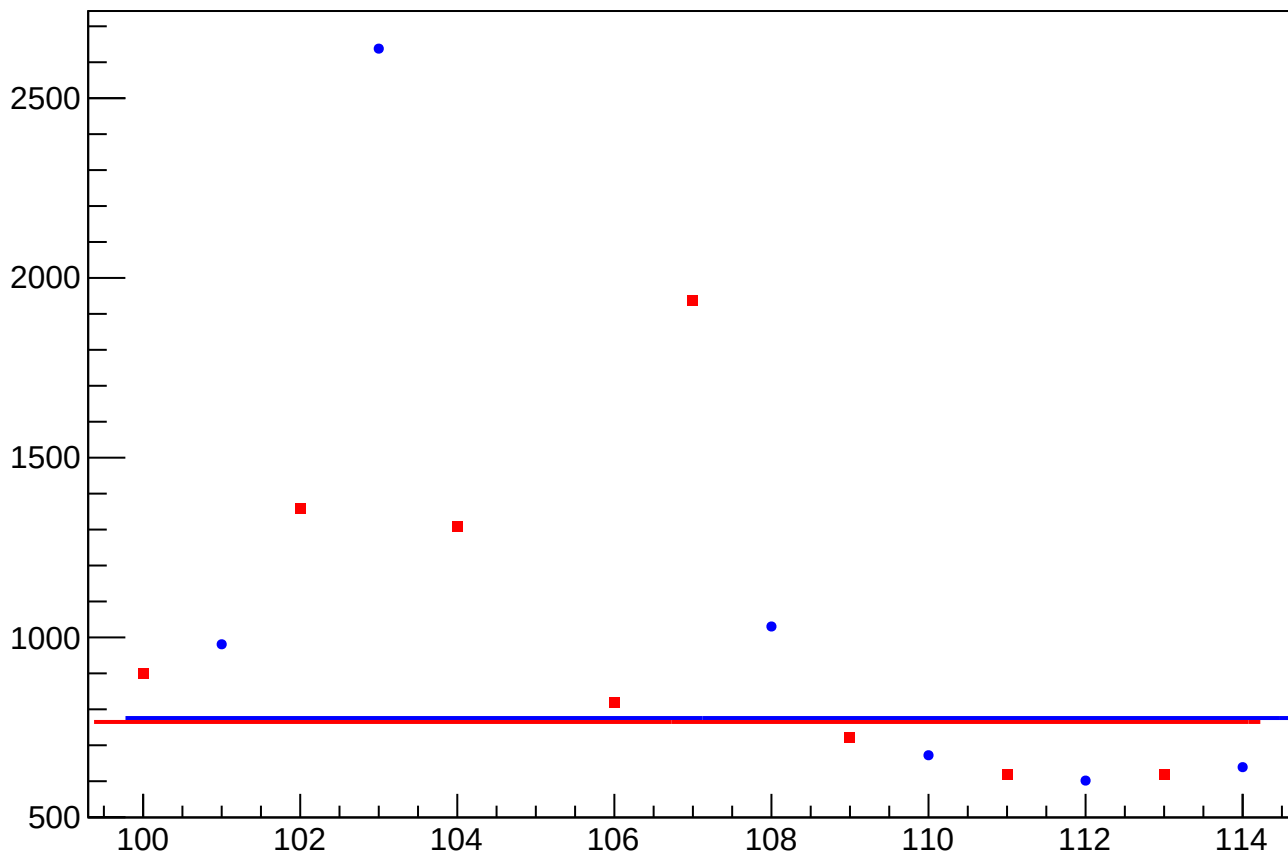
Right: 748.783+/-352.655 χ^2/NDF : 14.2/13

In: 557.478+/-526.546 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.783+/-352.655 χ^2/NDF : 14.2/13

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

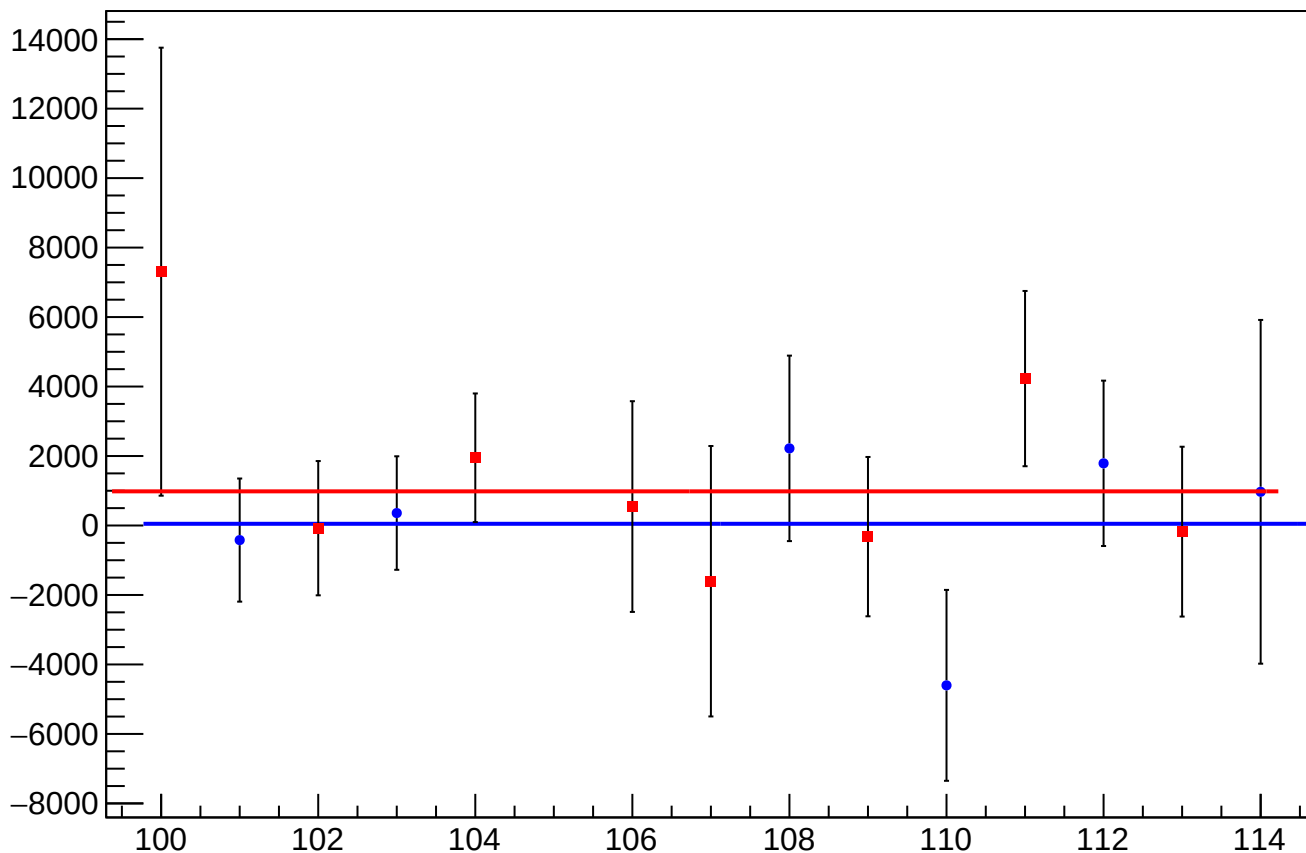
Right: 769.737+/-0.249 χ^2/NDF : 1314644.7/13

In: 775.753+/-0.372 χ^2/NDF : 697697.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.737+/-0.249 χ^2/NDF : 1314644.7/13

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

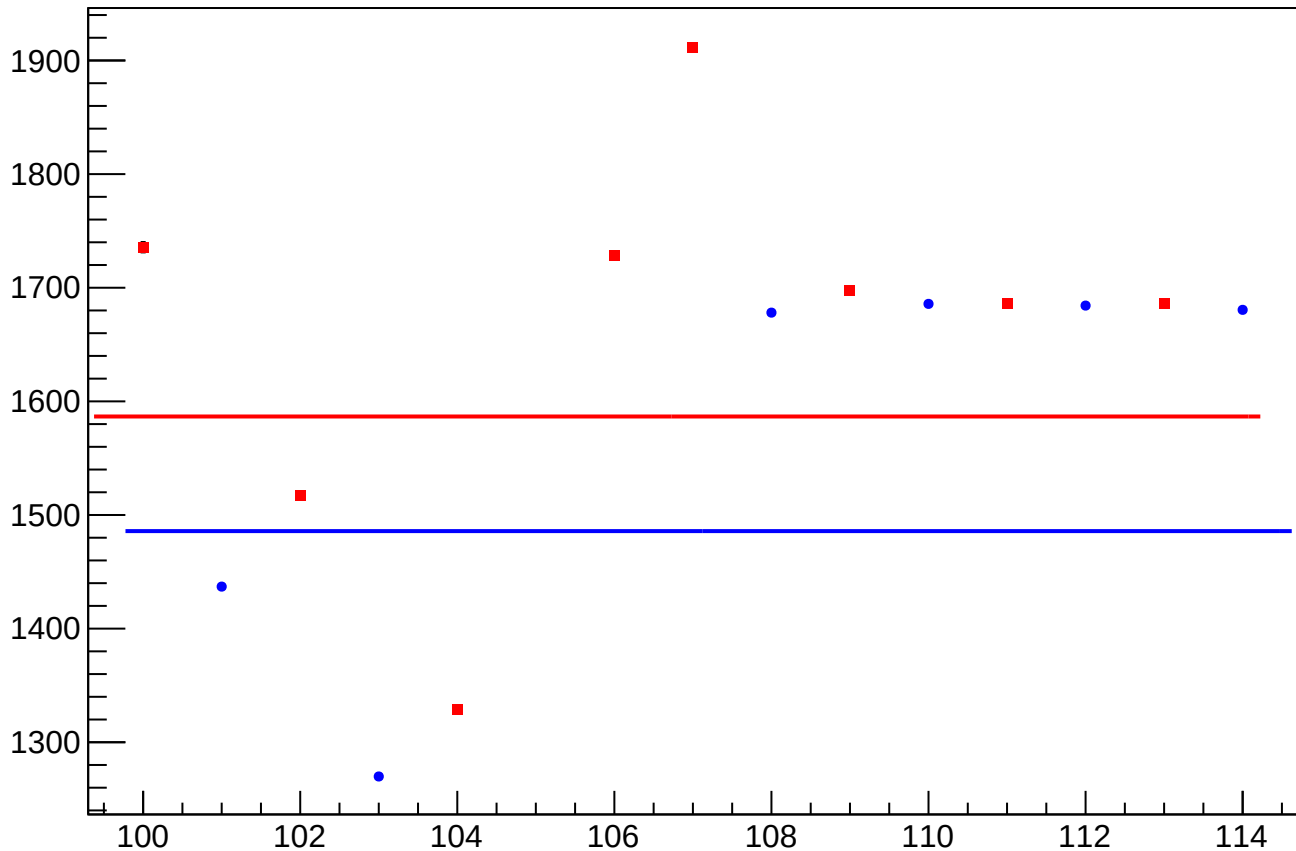
Right: 533.087+/-638.071 χ^2/NDF : 8.9/13

In: 49.105+/-919.322 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.087+/-638.071 χ^2/NDF : 8.9/13

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1485.822+/-0.650 χ^2/NDF : 74435.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.687+/-0.627 χ^2/NDF : 71952.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

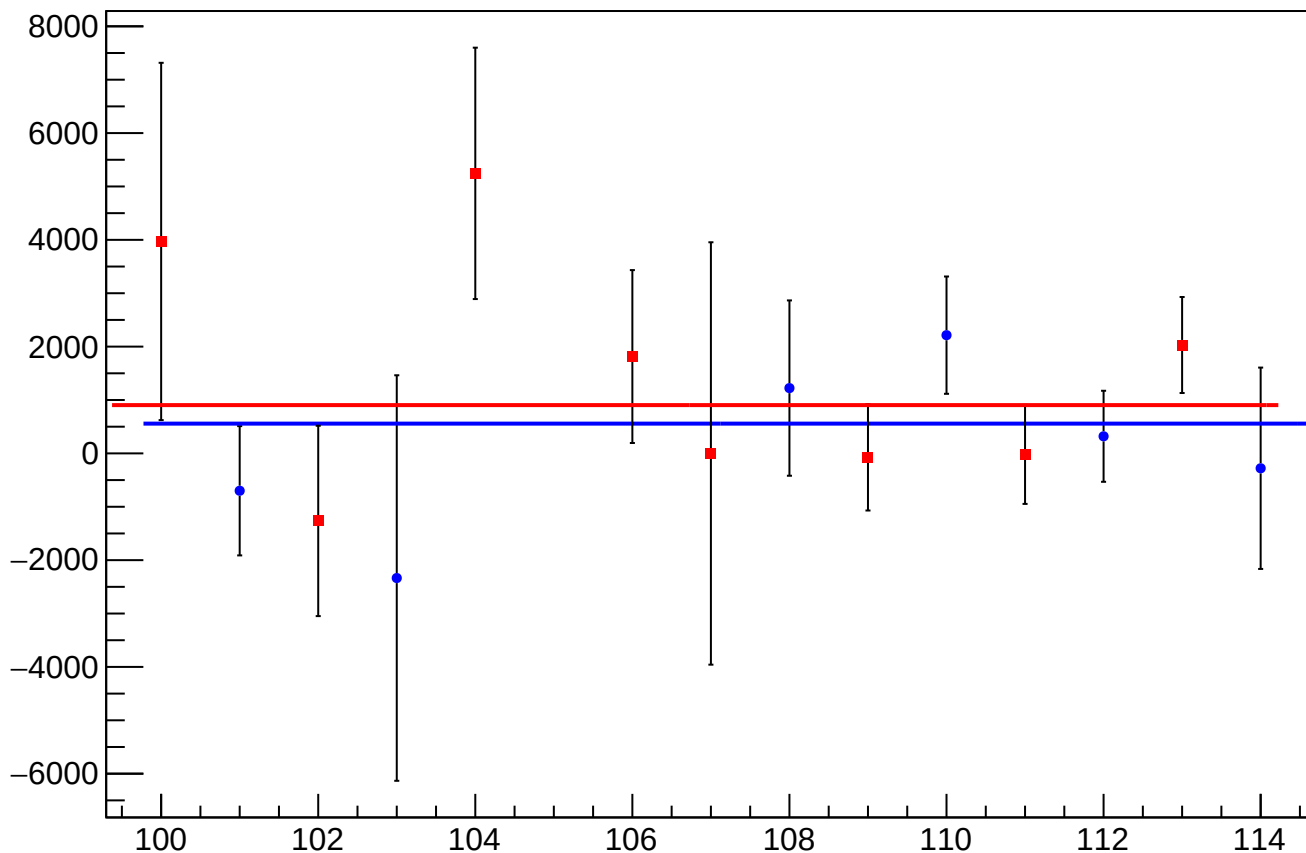
Right: 1538.097+/-0.451 χ^2/NDF : 158865.5/13

In: 1485.822+/-0.650 χ^2/NDF : 74435.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.097+/-0.451 χ^2/NDF : 158865.5/13

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

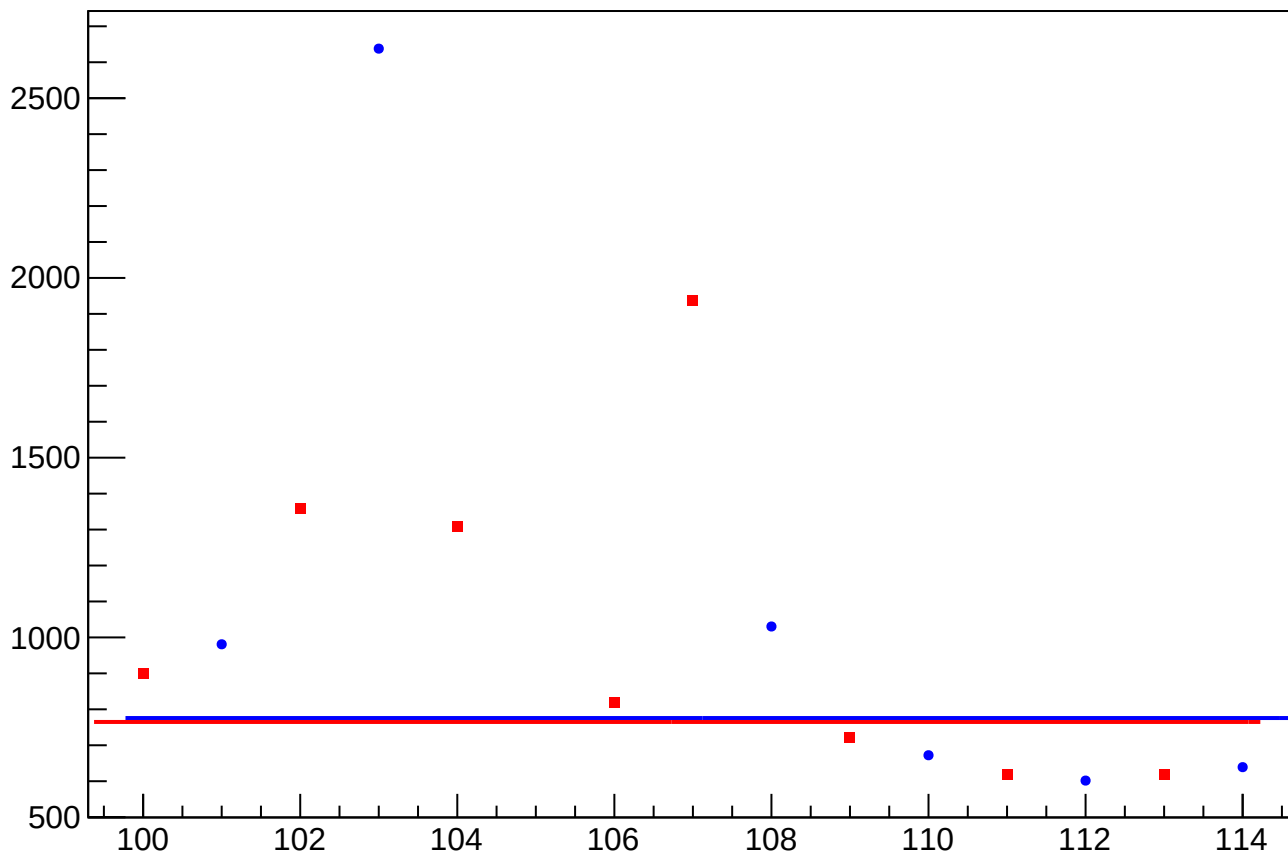
Right: 748.783+/-352.655 χ^2/NDF : 14.2/13

In: 557.478+/-526.546 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.783+/-352.655 χ^2/NDF : 14.2/13

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

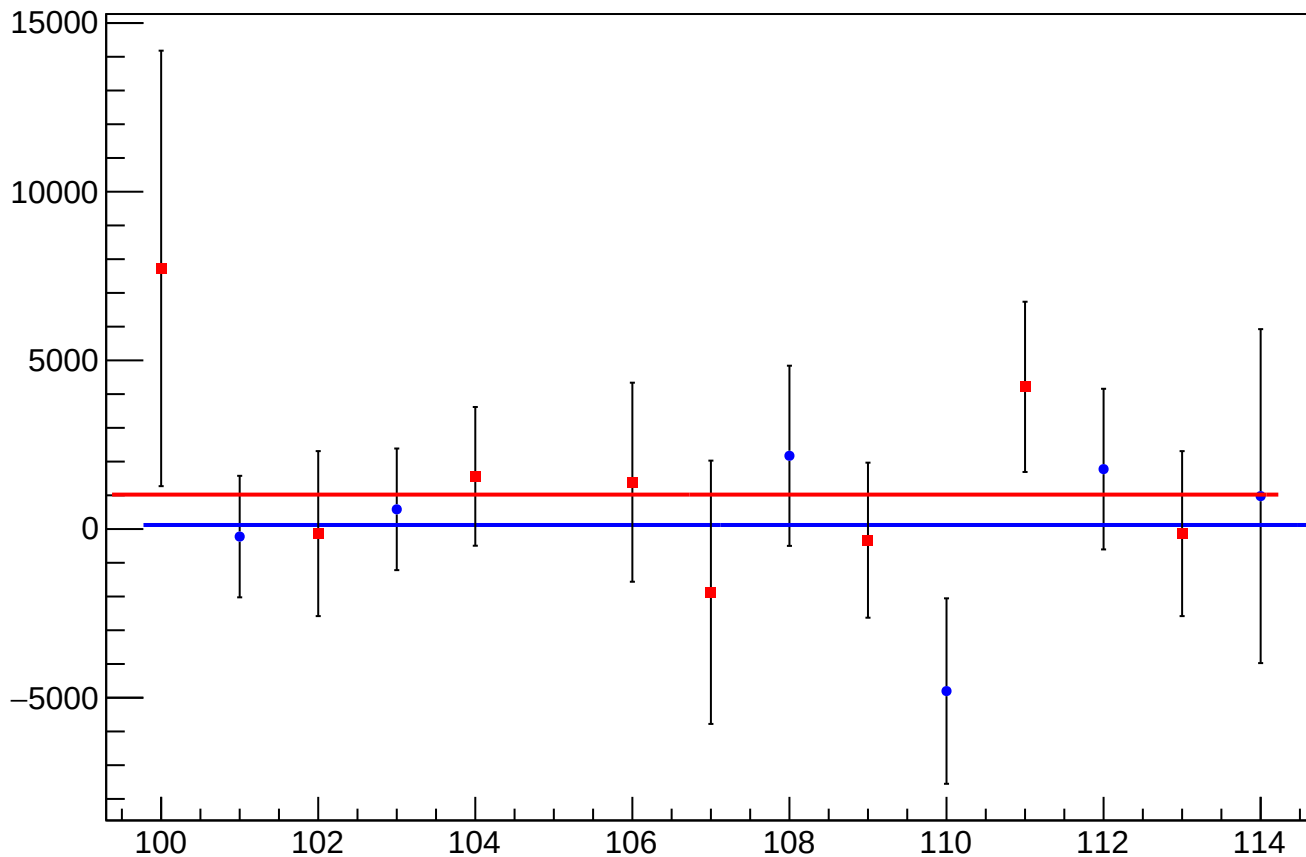
Right: 769.737+/-0.249 χ^2/NDF : 1314644.7/13

In: 775.753+/-0.372 χ^2/NDF : 697697.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.737+/-0.249 χ^2/NDF : 1314644.7/13

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

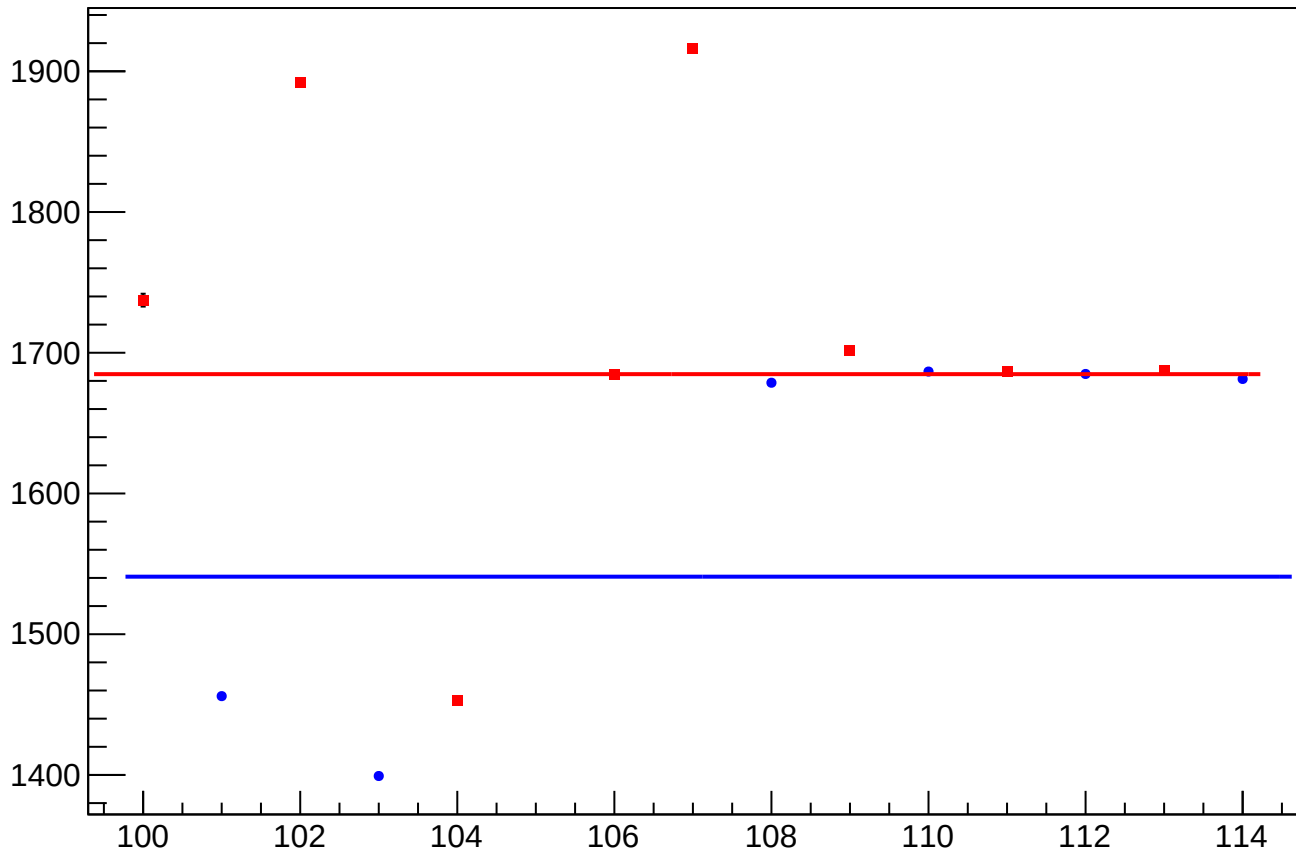
Right: 574.141+/-670.007 χ^2/NDF : 9.0/13

In: 120.626+/-950.995 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.141+/-670.007 χ^2/NDF : 9.0/13

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

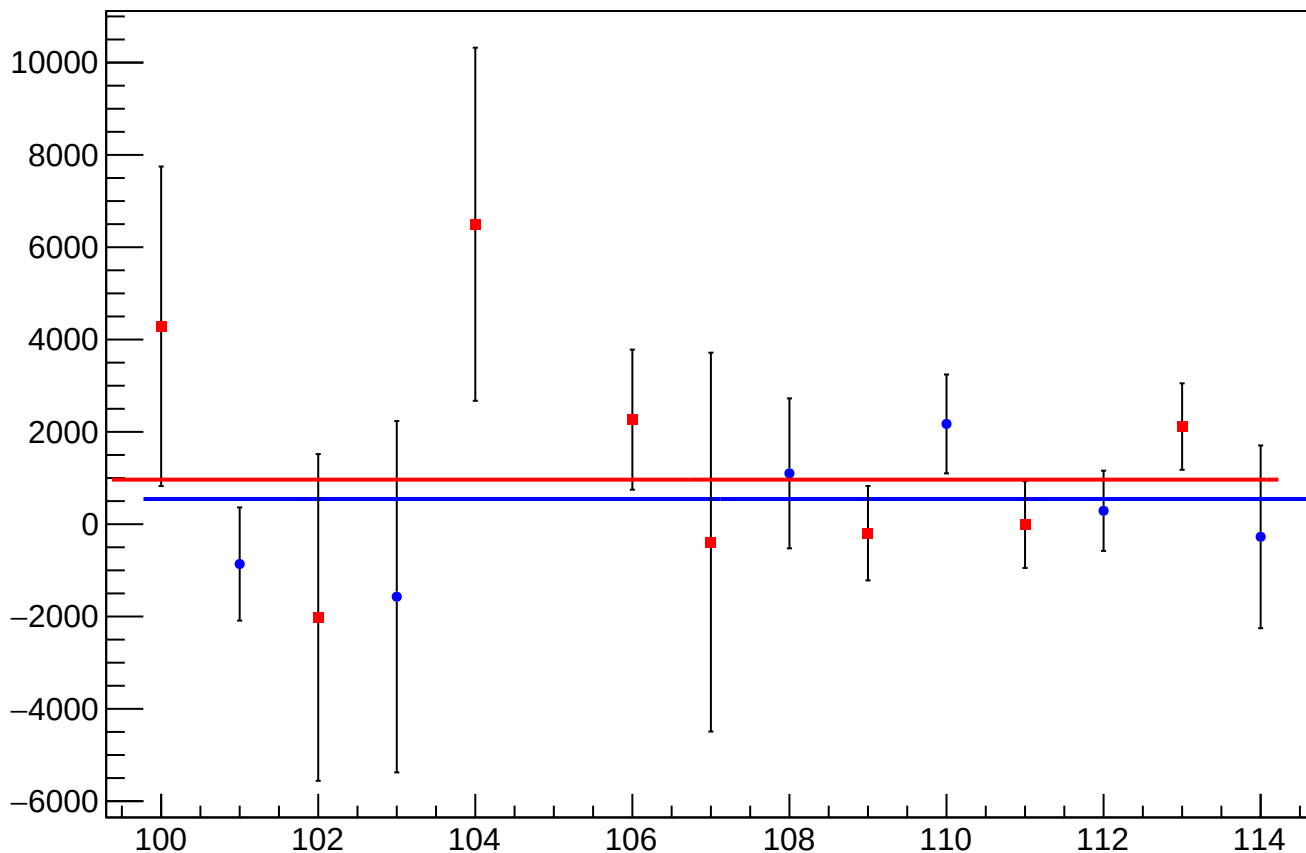
Right: 1613.367+/-0.474 χ^2/NDF : 106795.0/13

In: 1540.891+/-0.672 χ^2/NDF : 36665.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.367+/-0.474 χ^2/NDF : 106795.0/13

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 545.606+/-529.715 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 965.521+/-502.975 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

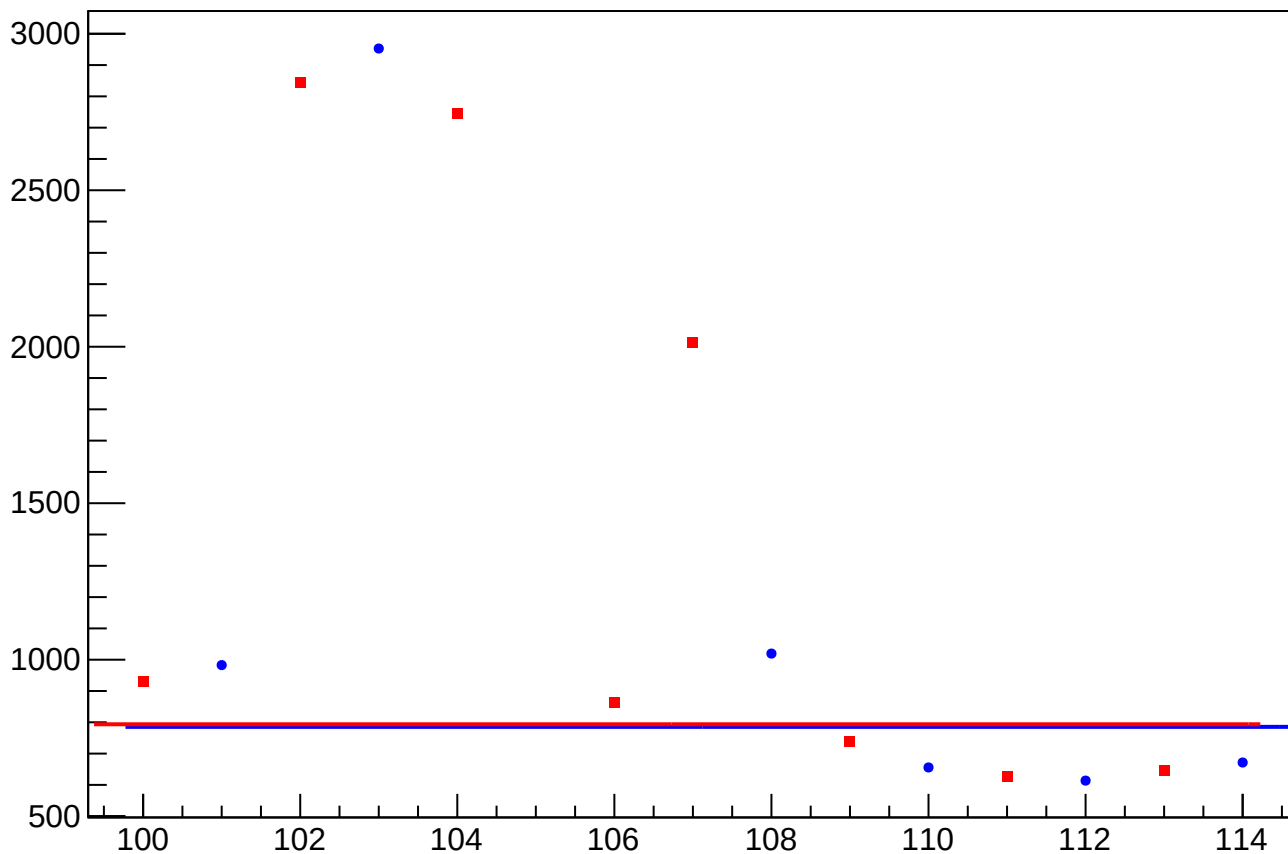
Right: 766.429+/-364.744 χ^2/NDF : 13.1/13

In: 545.606+/-529.715 χ^2/NDF :4.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 766.429+/-364.744 χ^2/NDF : 13.1/13

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 785.441 $\pm$ 0.375 χ^2 /NDF: 856134.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 793.690 $\pm$ 0.356 χ^2 /NDF: 1494359.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

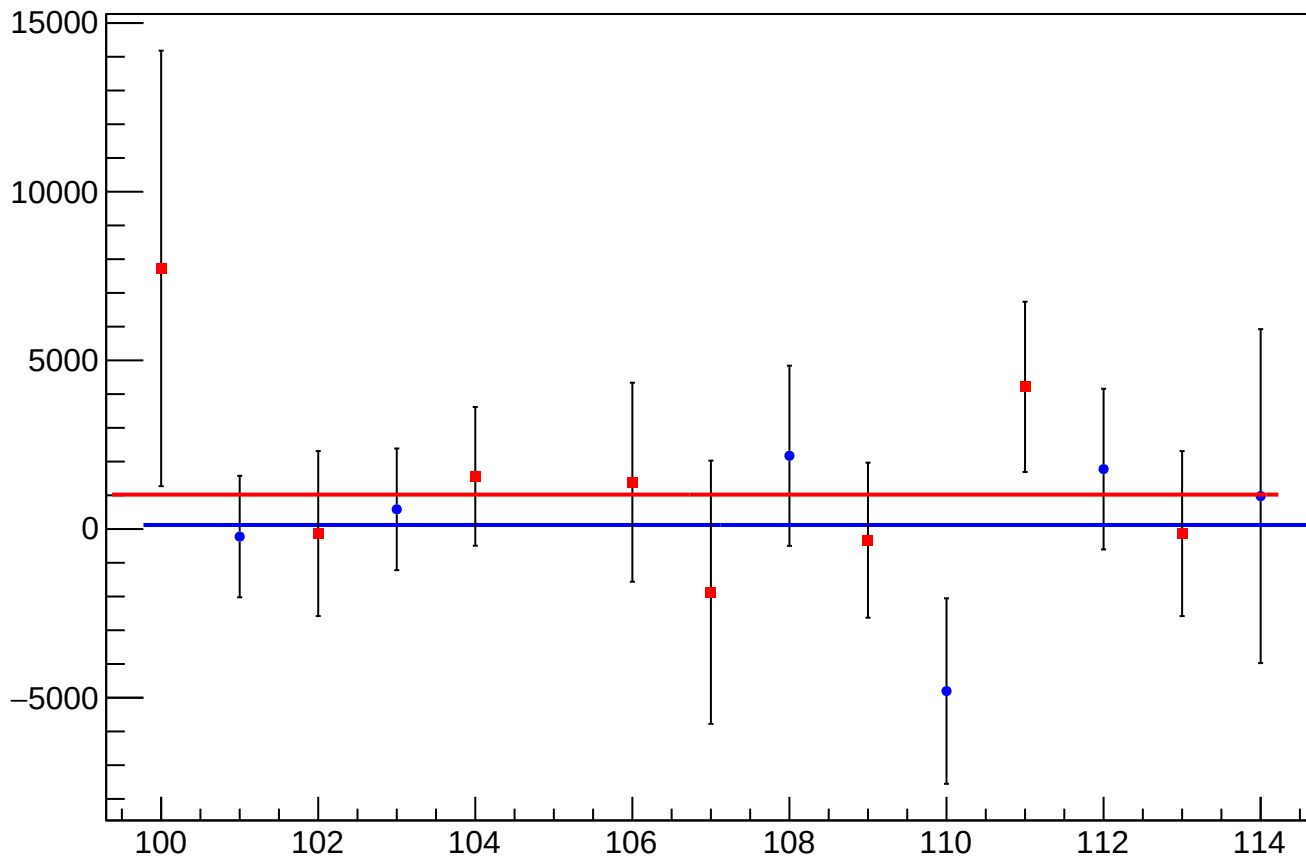
Right: 789.779 $\pm$ 0.258 χ^2 /NDF: 2350749.3/13

In: 785.441 $\pm$ 0.375 χ^2 /NDF:856134.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 789.779 $\pm$ 0.258 χ^2 /NDF: 2350749.3/13

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

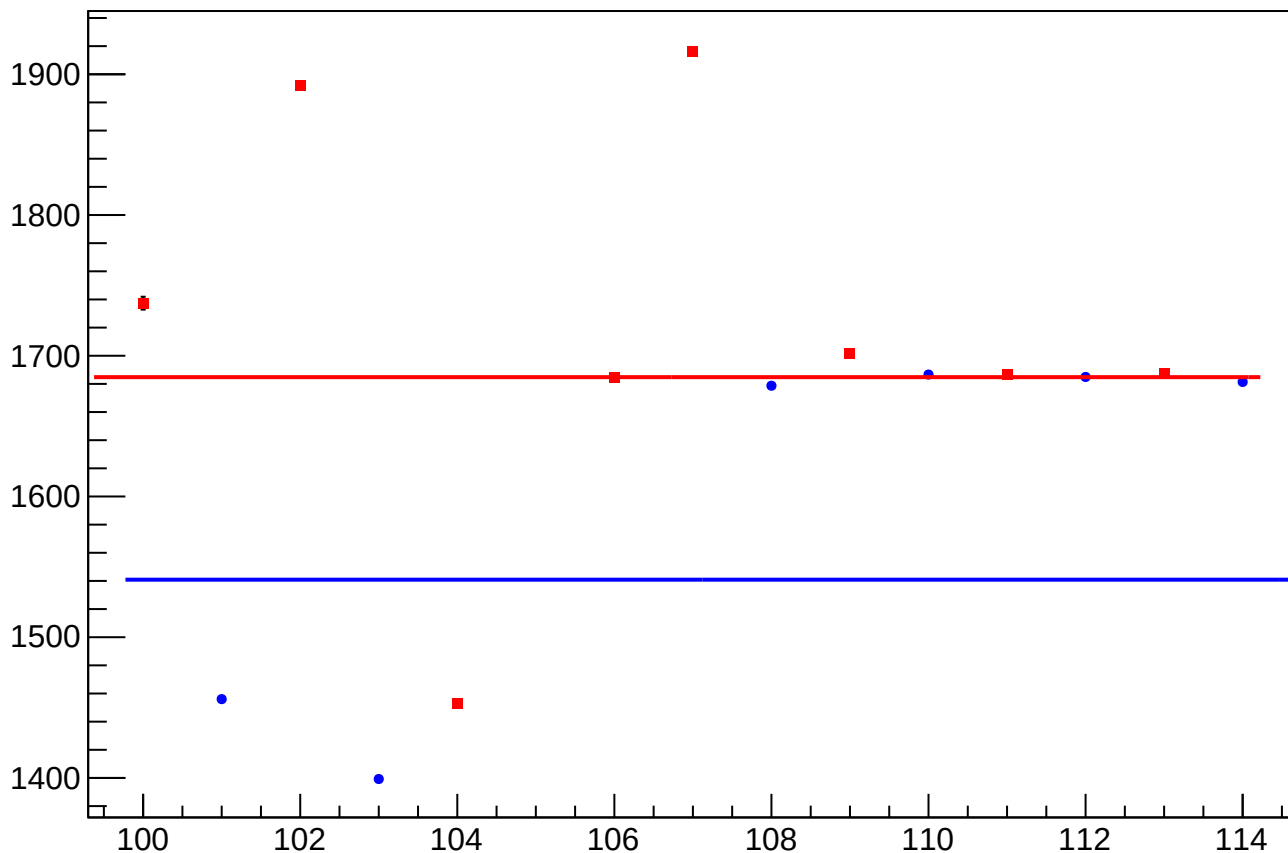
Right: 574.143 $\pm$ 670.007 χ^2/NDF : 9.0/13

In: 120.629 $\pm$ 950.994 χ^2/NDF : 4.4/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 574.143 $\pm$ 670.007 χ^2/NDF : 9.0/13

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

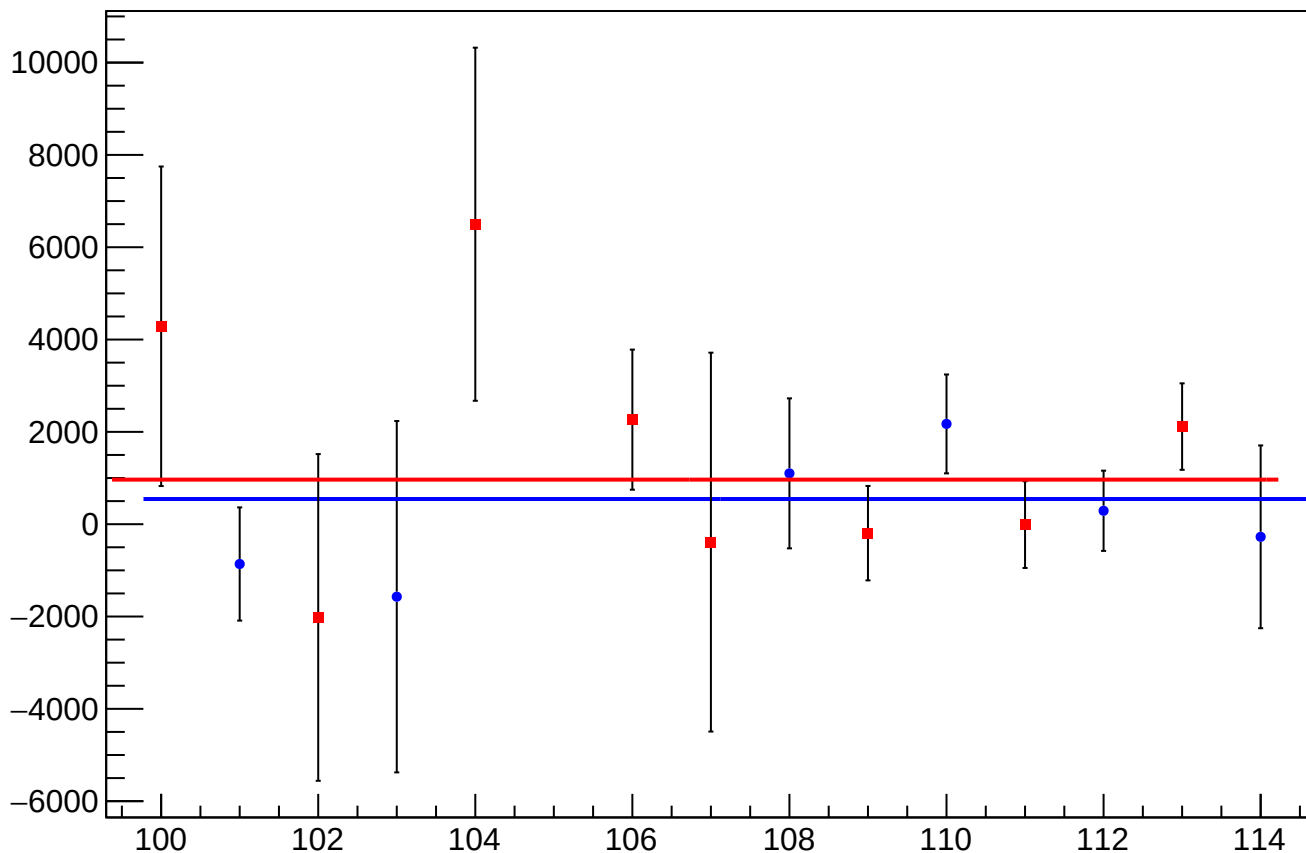
Right: 1613.366+/-0.474 χ^2/NDF : 106795.8/13

In: 1540.890+/-0.672 χ^2/NDF : 36666.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.366+/-0.474 χ^2/NDF : 106795.8/13

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 545.606+/-529.715 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 965.519+/-502.975 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

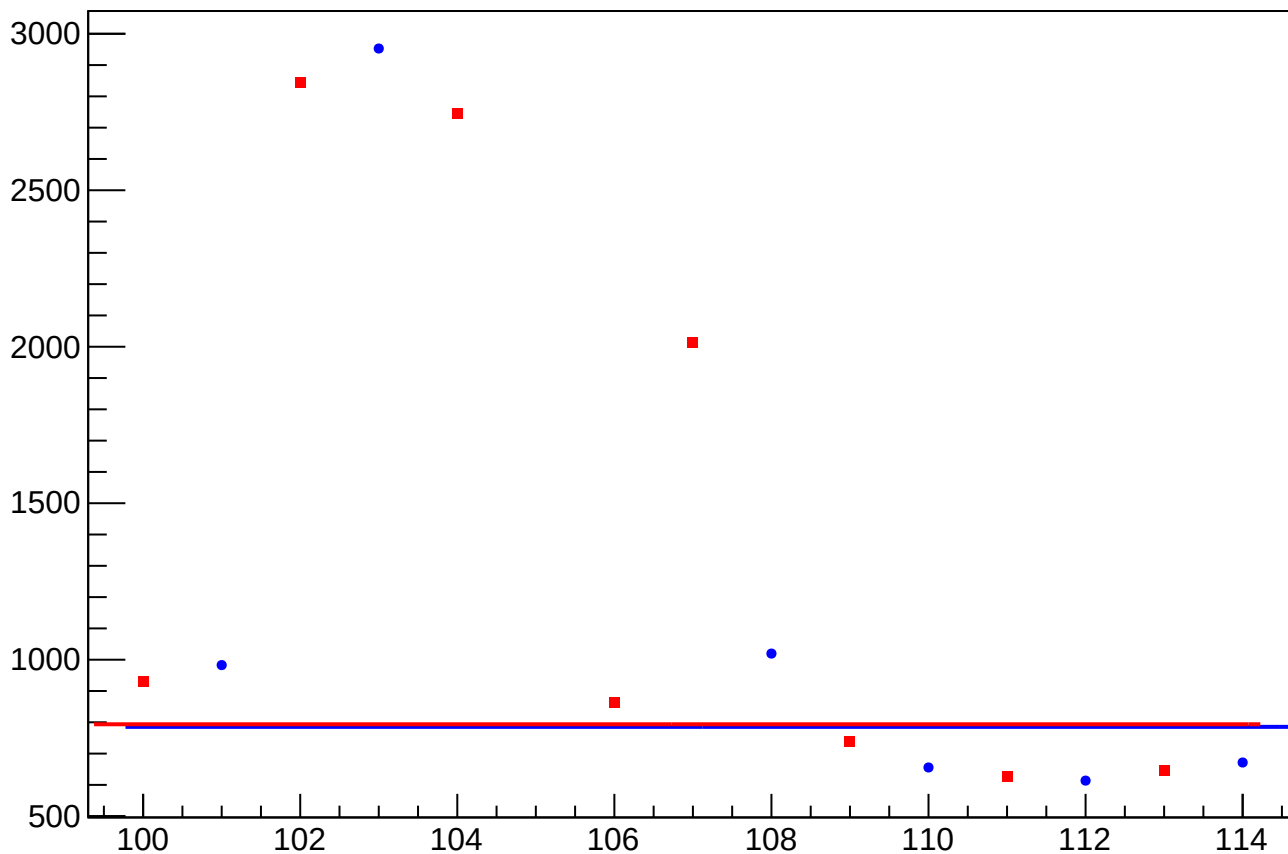
Right: 766.429+/-364.744 χ^2/NDF : 13.1/13

In: 545.606+/-529.715 χ^2/NDF :4.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 766.429+/-364.744 χ^2/NDF : 13.1/13

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 785.441+/-0.375 χ^2/NDF : 856132.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.690+/-0.356 χ^2/NDF : 1494361.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

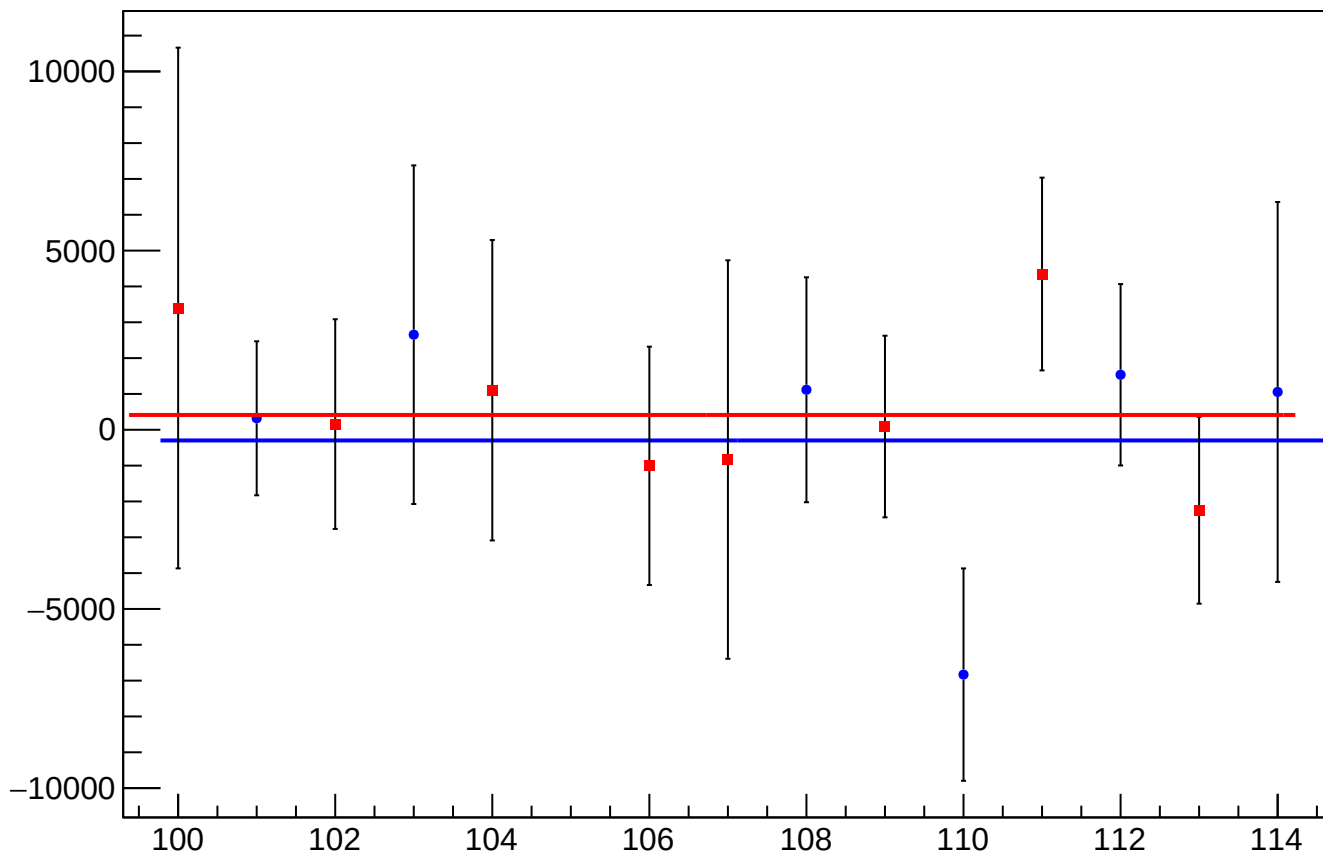
Right: 789.779+/-0.258 χ^2/NDF : 2350749.2/13

In: 785.441+/-0.375 χ^2/NDF : 856132.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.779+/-0.258 χ^2/NDF : 2350749.2/13

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

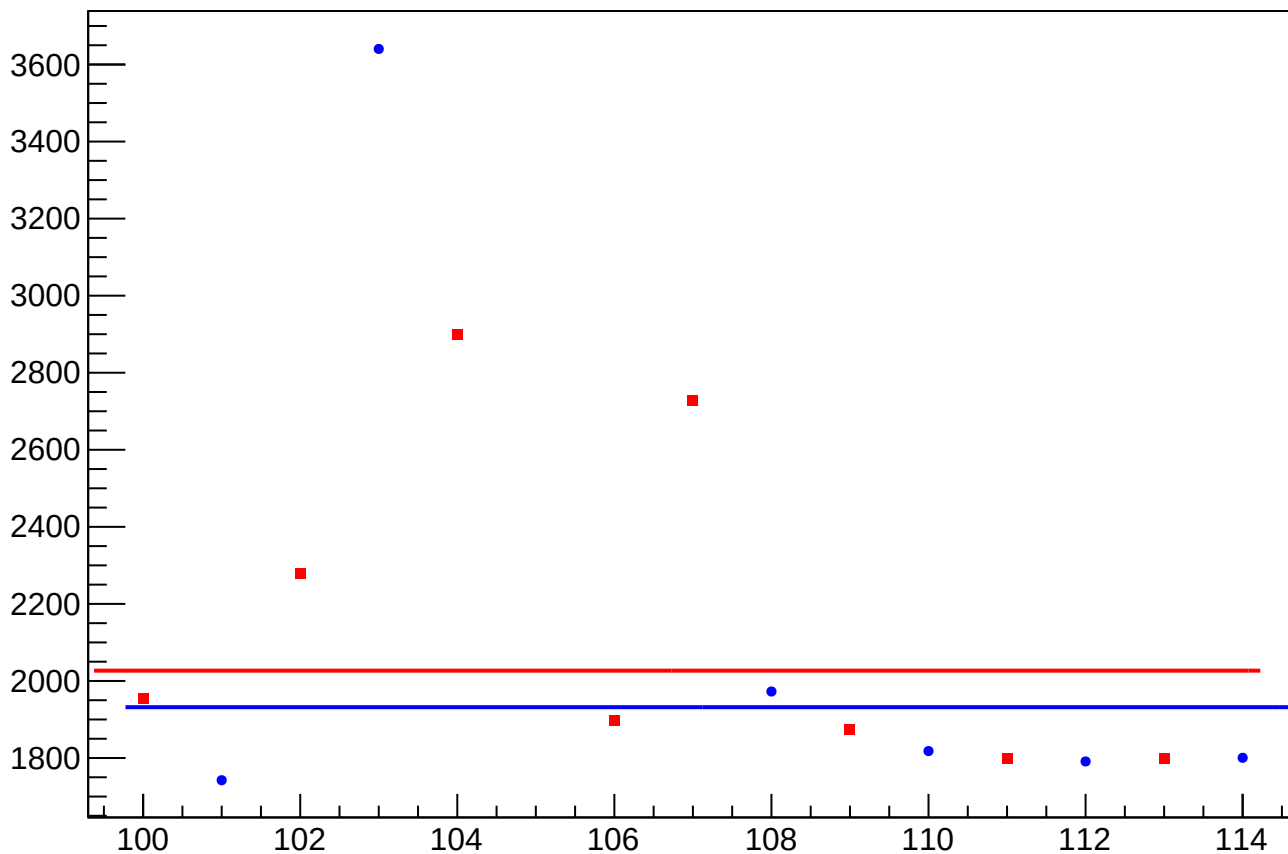
Right: 79.656+/-837.750 χ^2/NDF : 9.9/13

In: -298.183+/-1223.130 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.656+/-837.750 χ^2/NDF : 9.9/13

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1931.913+/-0.865 χ^2/NDF : 287771.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2026.723+/-0.813 χ^2/NDF : 173460.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

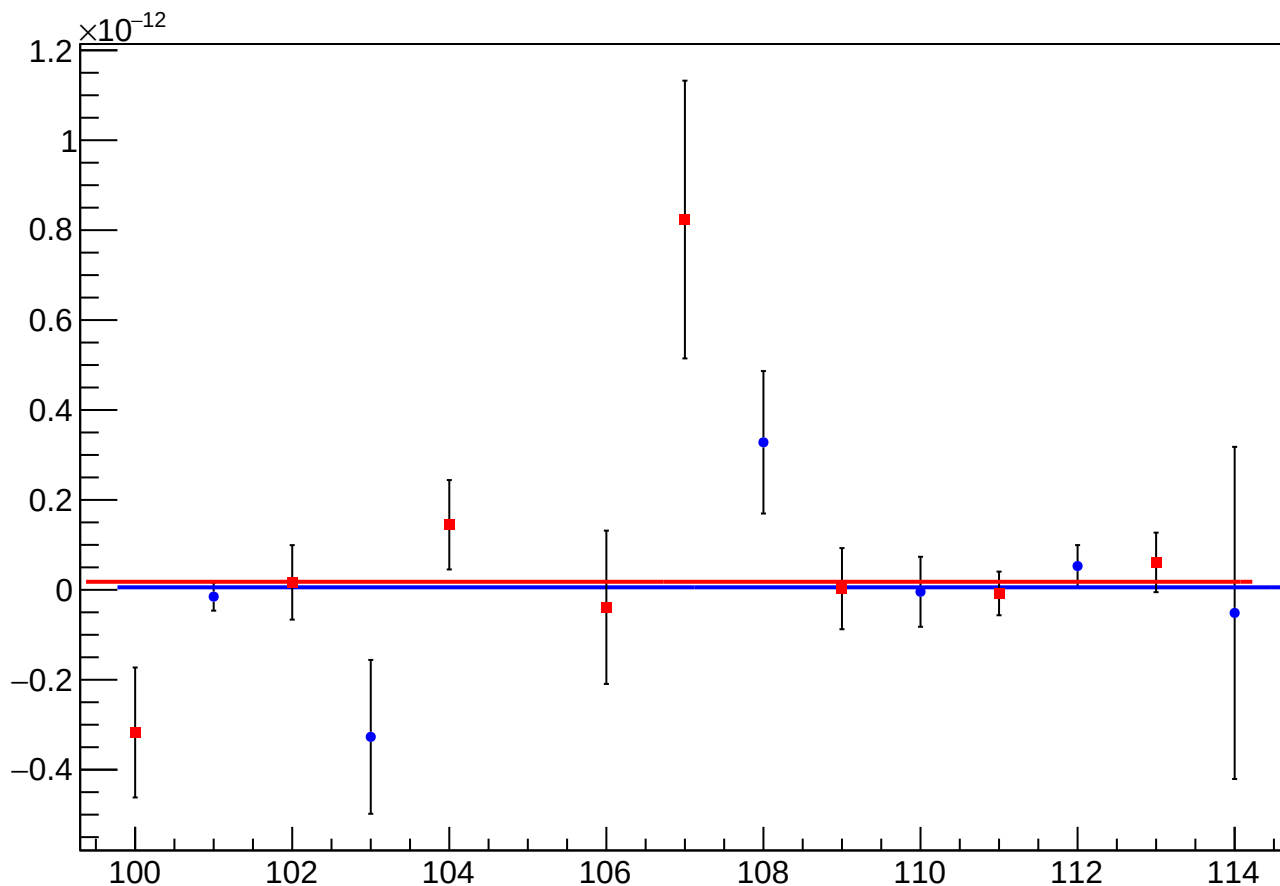
Right: 1982.246+/-0.592 χ^2/NDF : 467611.1/13

In: 1931.913+/-0.865 χ^2/NDF : 287771.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.246+/-0.592 χ^2/NDF : 467611.1/13

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

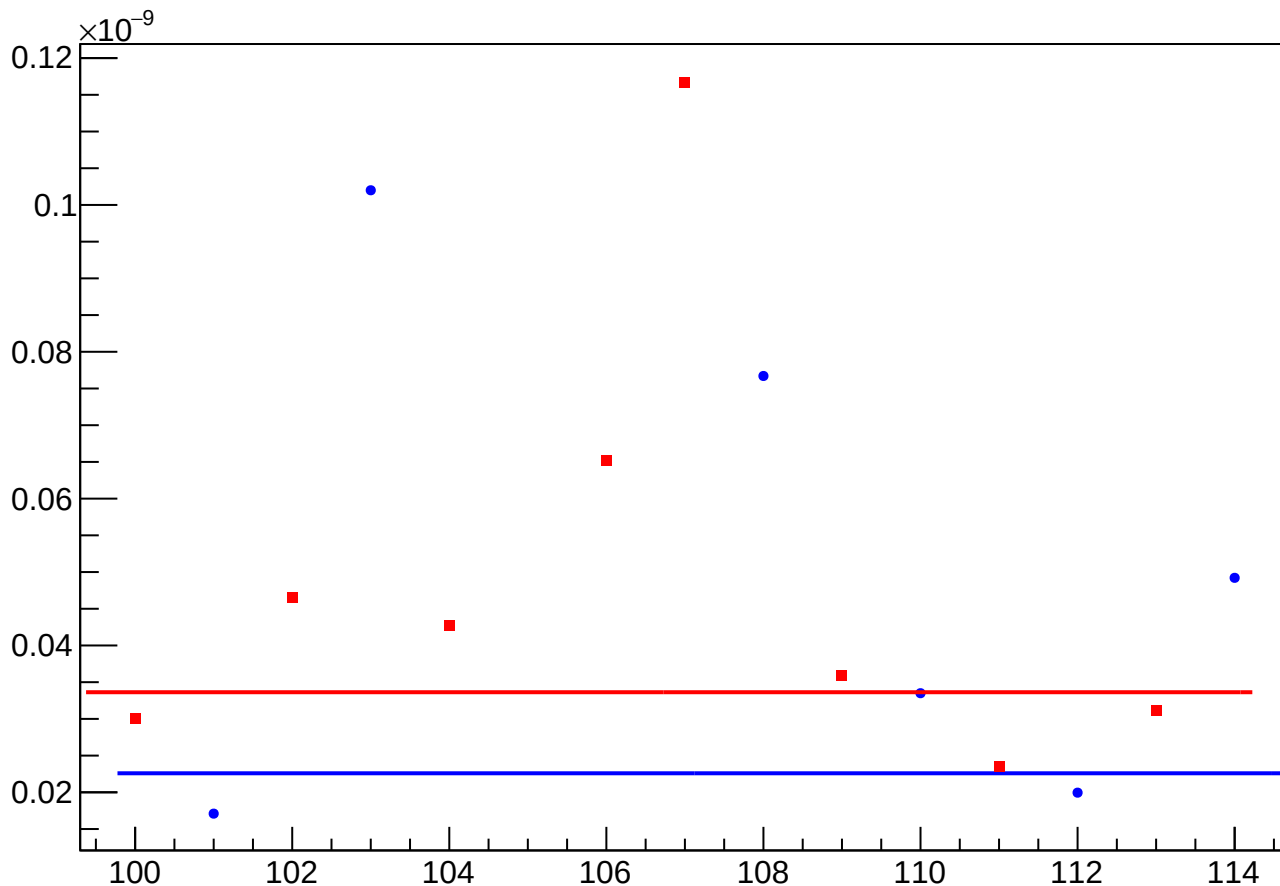
Right: 0.000+/-0.000 χ^2/NDF : 24.2/13

In: 0.000+/-0.000 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.2/13

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

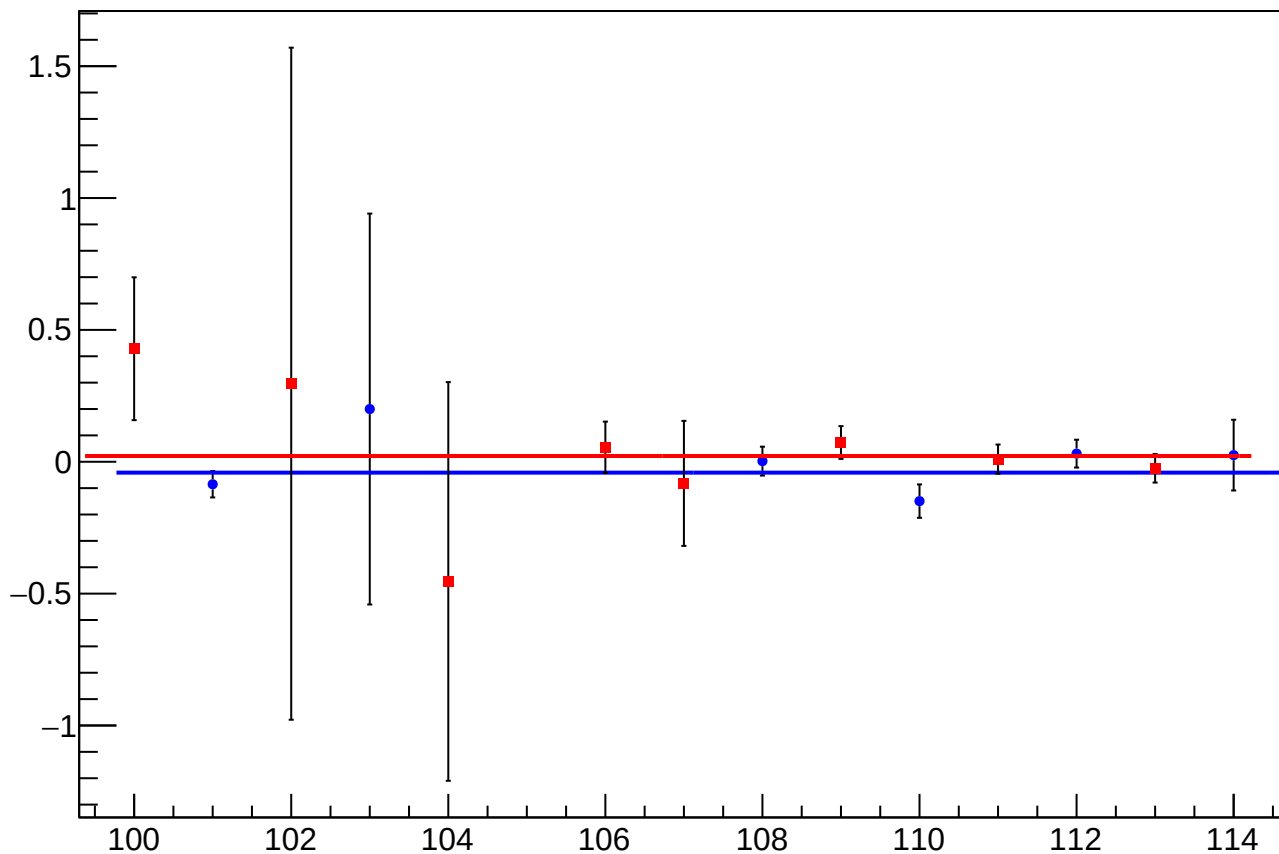
Right: 0.000+/-0.000 χ^2/NDF : 1318578.2/13

In: 0.000+/-0.000 χ^2/NDF : 782229.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1318578.2/13

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.027 χ^2 /NDF: 6.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.031 χ^2 /NDF: 4.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

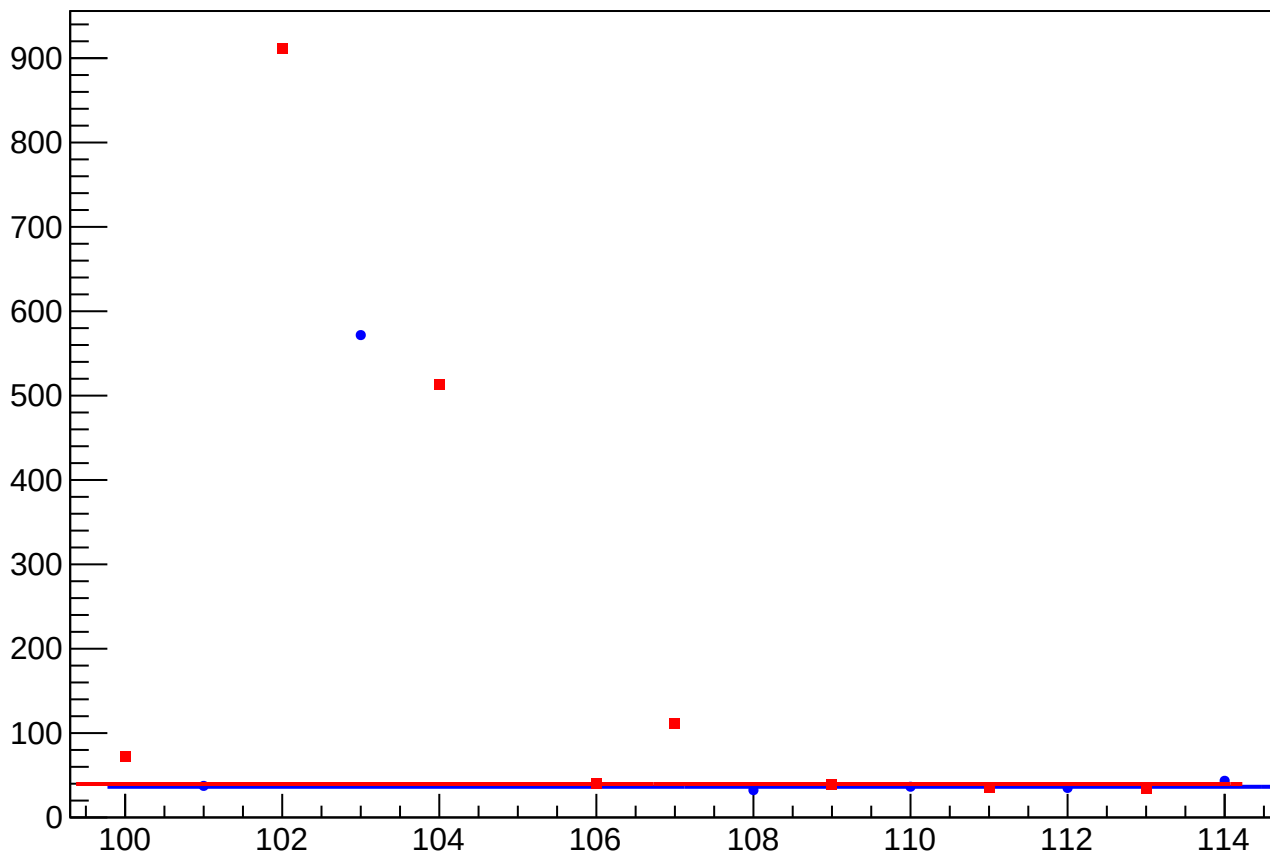
Right: -0.014 $\pm$ 0.020 χ^2 /NDF: 13.4/13

In: -0.041 $\pm$ 0.027 χ^2 /NDF:6.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.020 χ^2 /NDF: 13.4/13

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

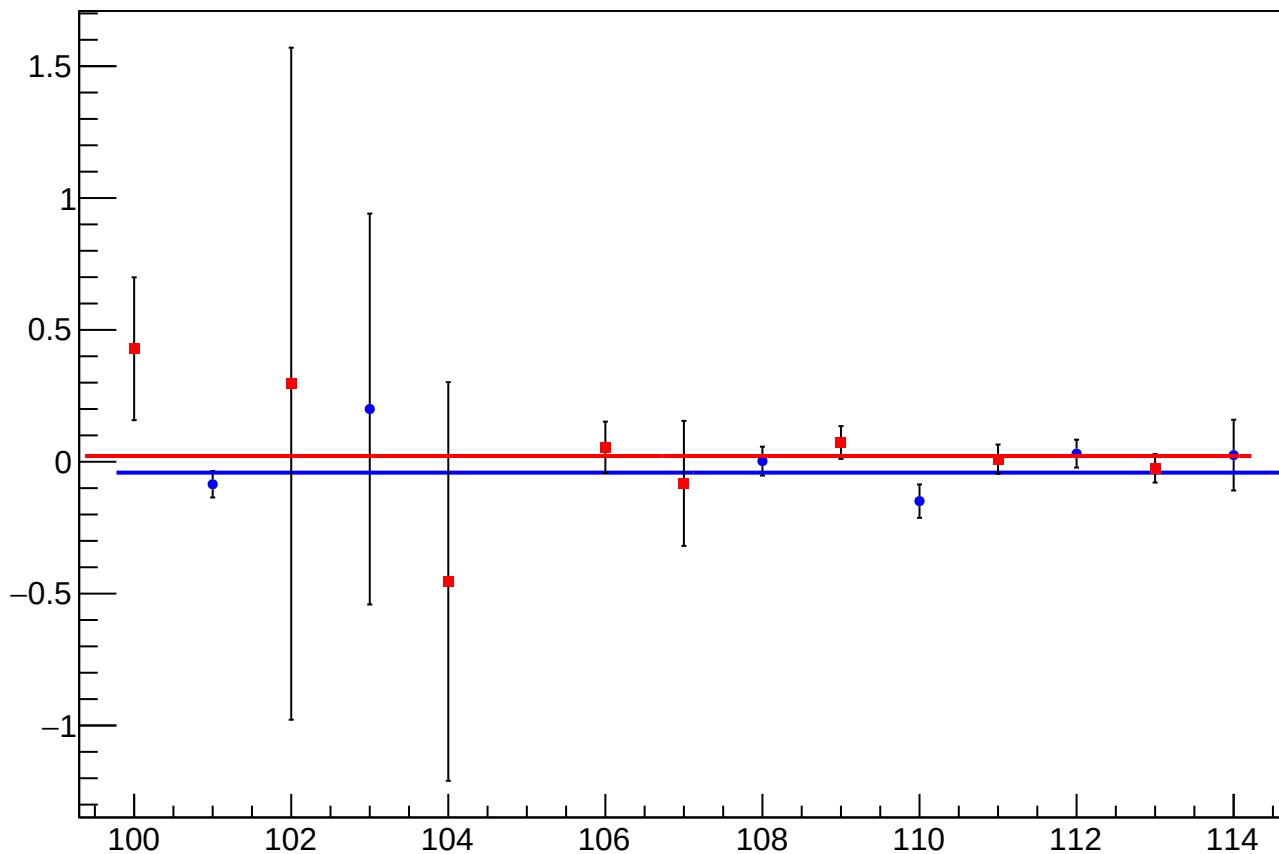
Right: 37.779+/-0.014 χ^2/NDF : 3038348.1/13

In: 36.354+/-0.019 χ^2/NDF : 1062203.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.779+/-0.014 χ^2/NDF : 3038348.1/13

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

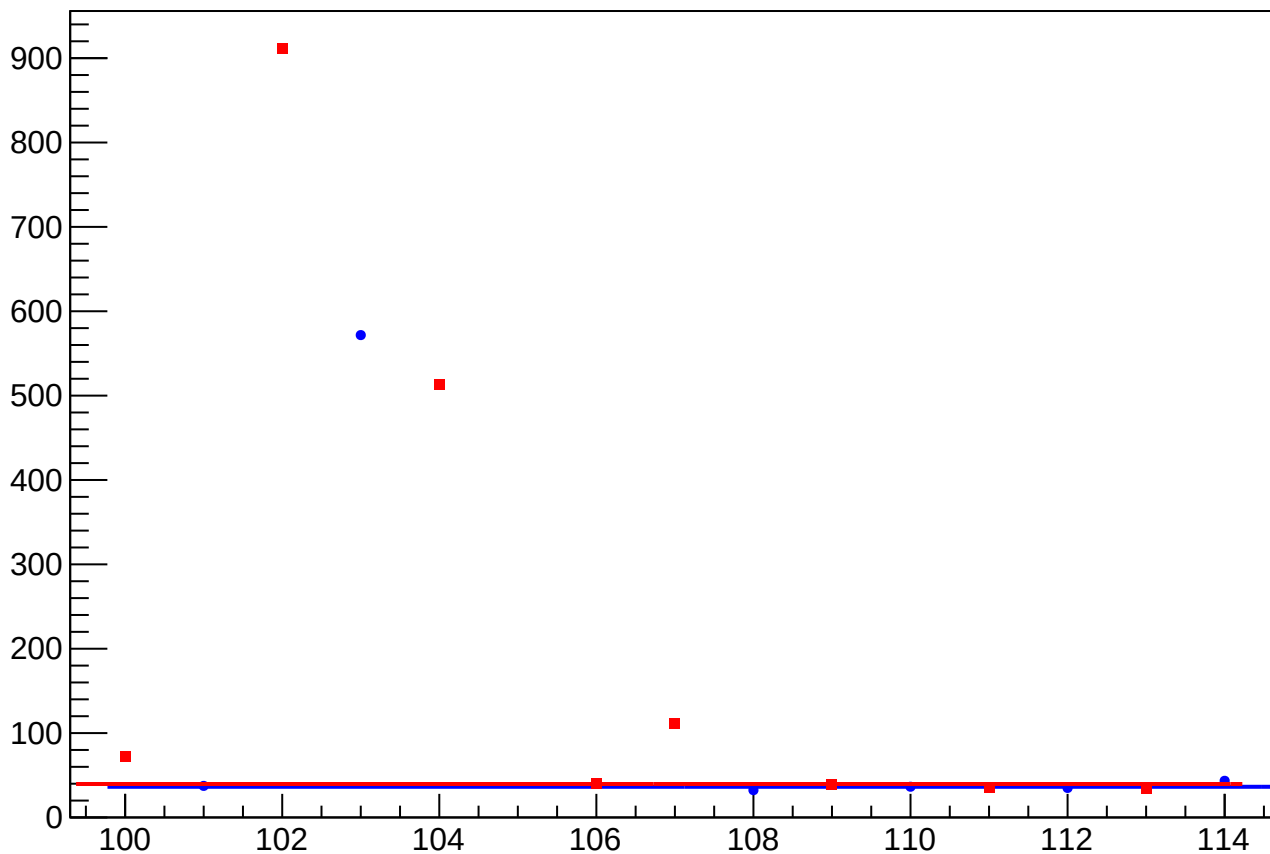
Right: -0.014+/-0.020 χ^2/NDF : 13.4/13

In: -0.041+/-0.027 χ^2/NDF : 6.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.020 χ^2/NDF : 13.4/13

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

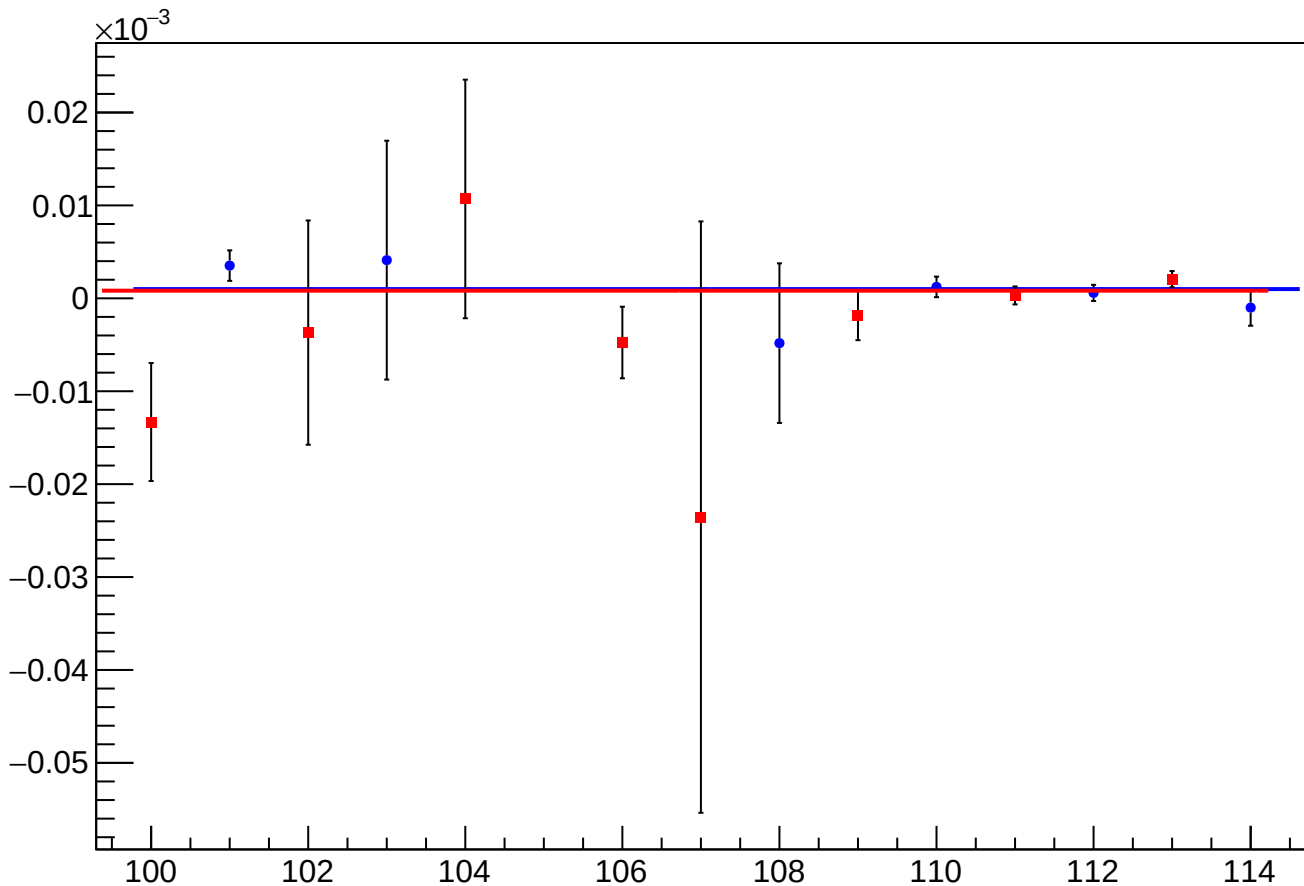
Right: 37.779+/-0.014 χ^2/NDF : 3038348.1/13

In: 36.354+/-0.019 χ^2/NDF : 1062203.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.779+/-0.014 χ^2/NDF : 3038348.1/13

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

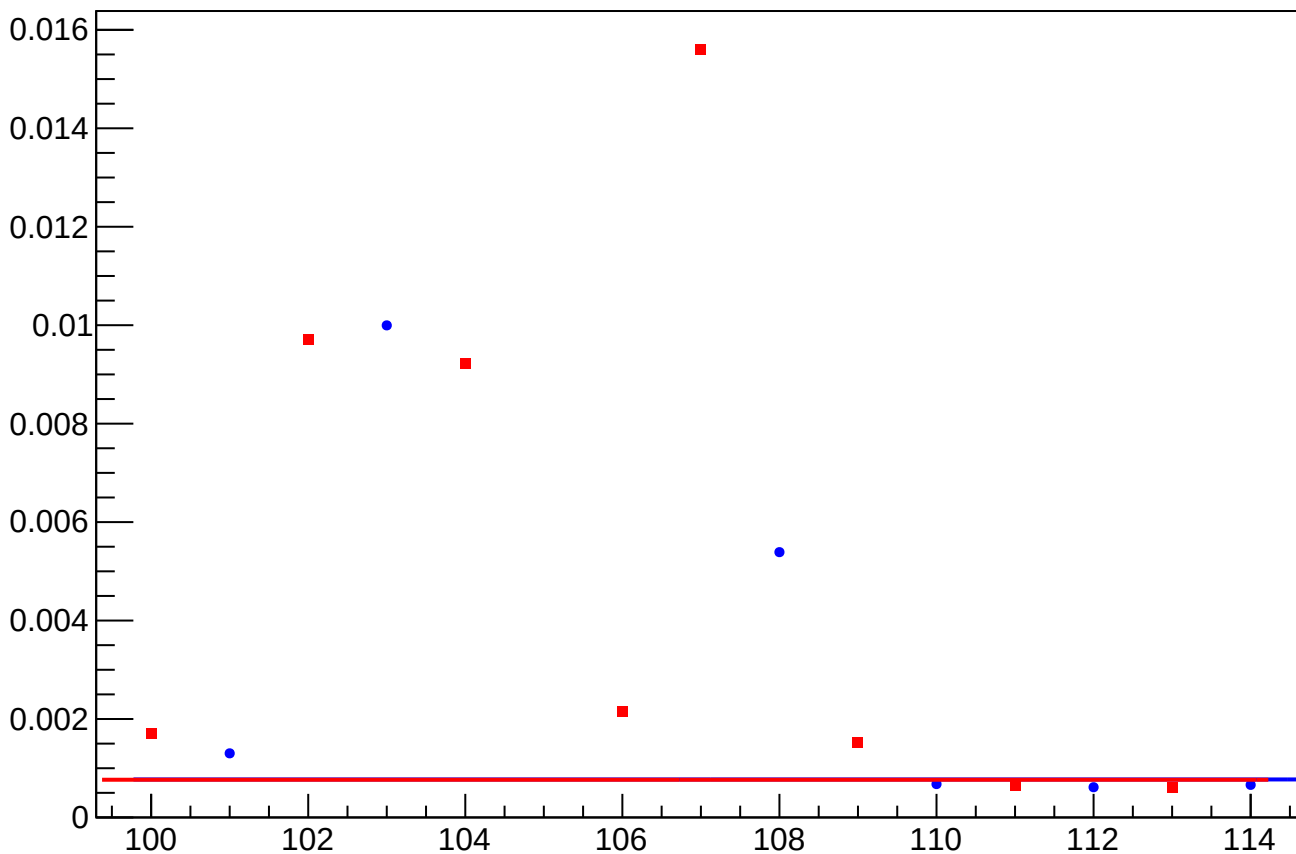
Right: 0.000+/-0.000 χ^2/NDF : 15.9/13

In: 0.000+/-0.000 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/13

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

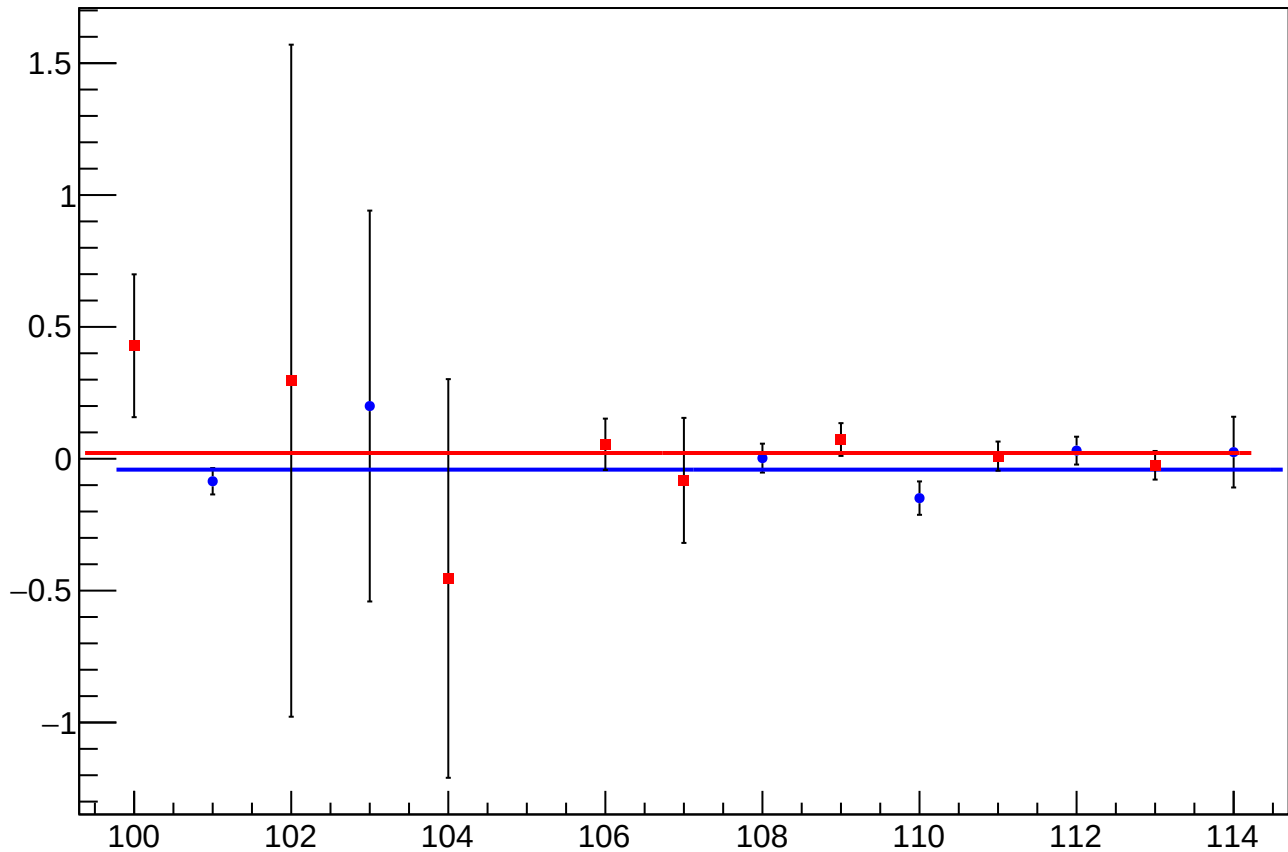
Right: 0.001+/-0.000 χ^2/NDF : 4878709.9/13

In: 0.001+/-0.000 χ^2/NDF : 1904378.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4878709.9/13

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.027 χ^2 /NDF: 6.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.031 χ^2 /NDF: 4.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

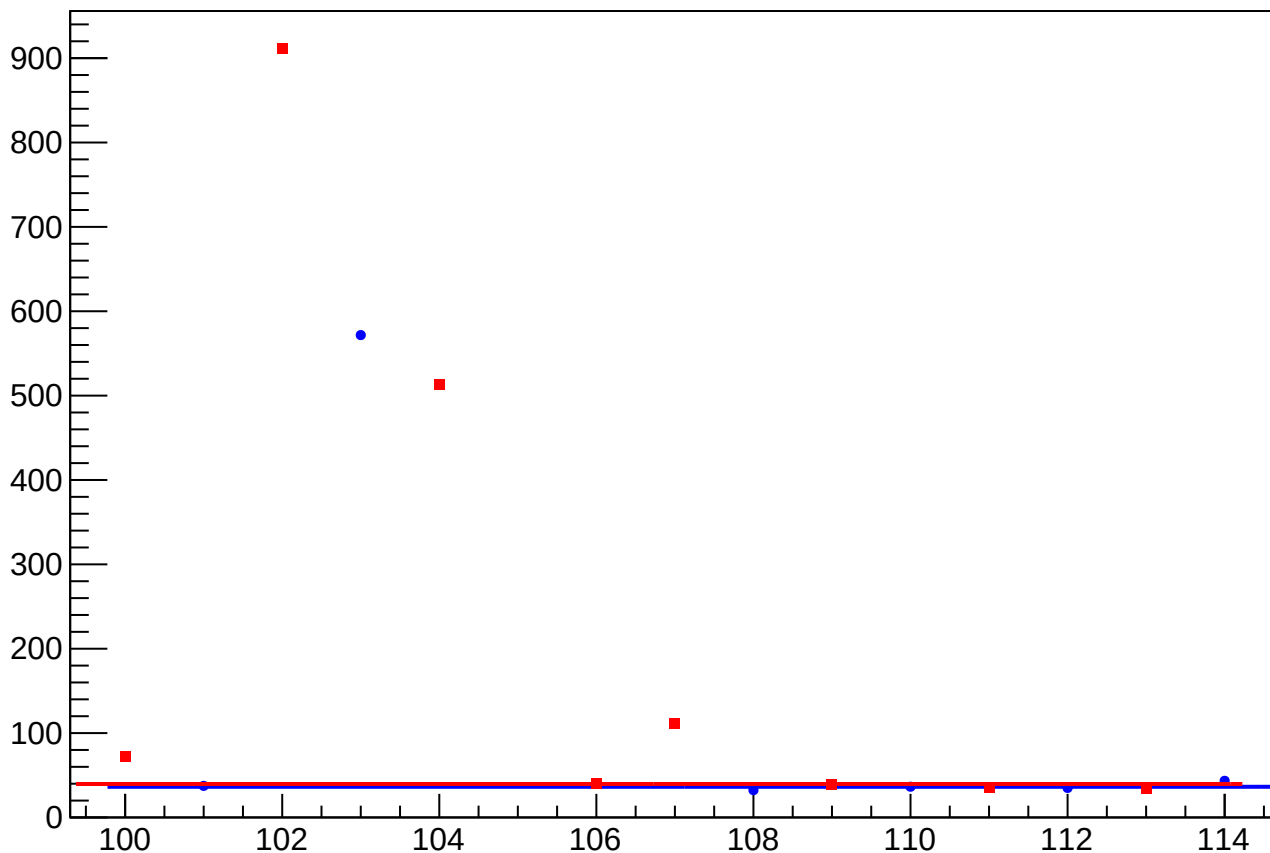
Right: -0.014 $\pm$ 0.020 χ^2 /NDF: 13.4/13

In: -0.041 $\pm$ 0.027 χ^2 /NDF:6.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.020 χ^2 /NDF: 13.4/13

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

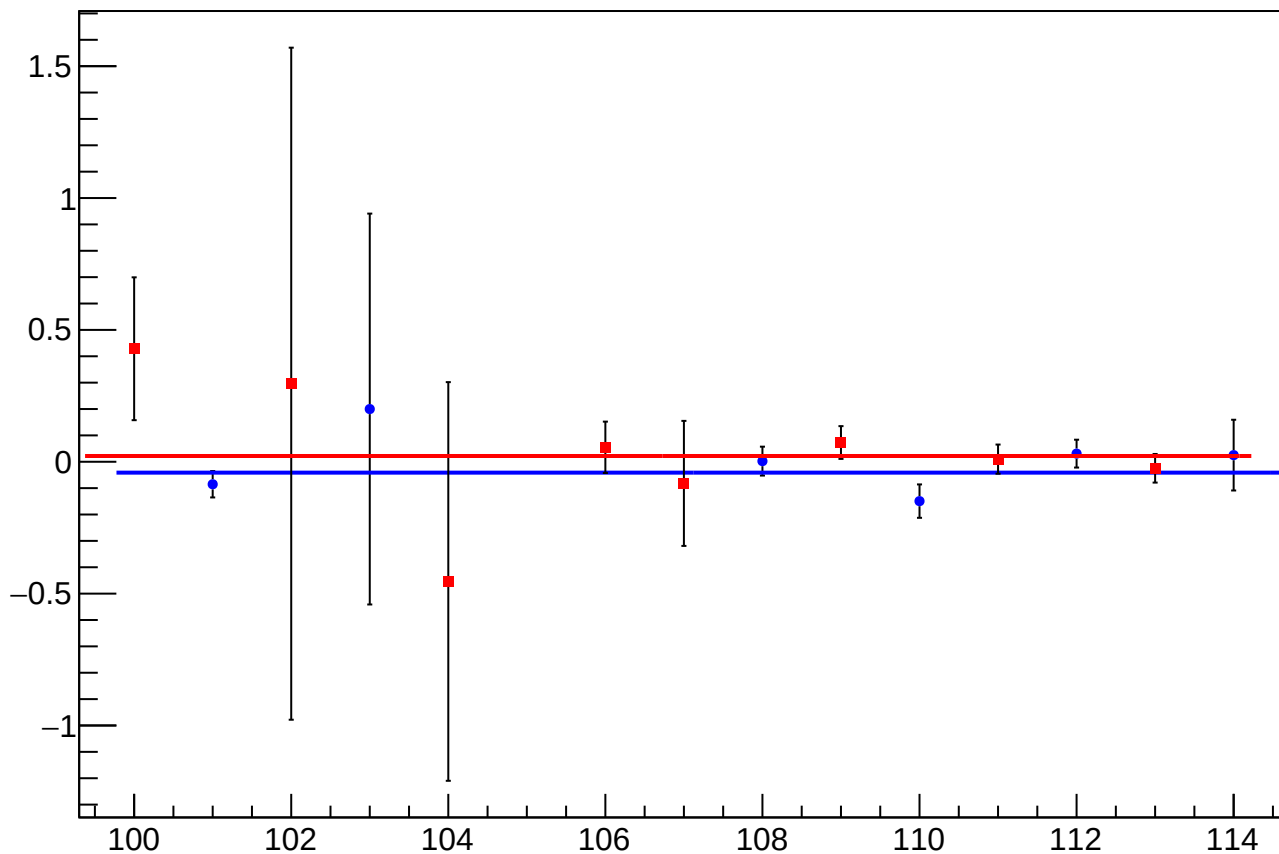
Right: 37.780+/-0.014 χ^2/NDF : 3038335.8/13

In: 36.354+/-0.019 χ^2/NDF : 1062196.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.780+/-0.014 χ^2/NDF : 3038335.8/13

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.027 χ^2 /NDF: 6.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.031 χ^2 /NDF: 4.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

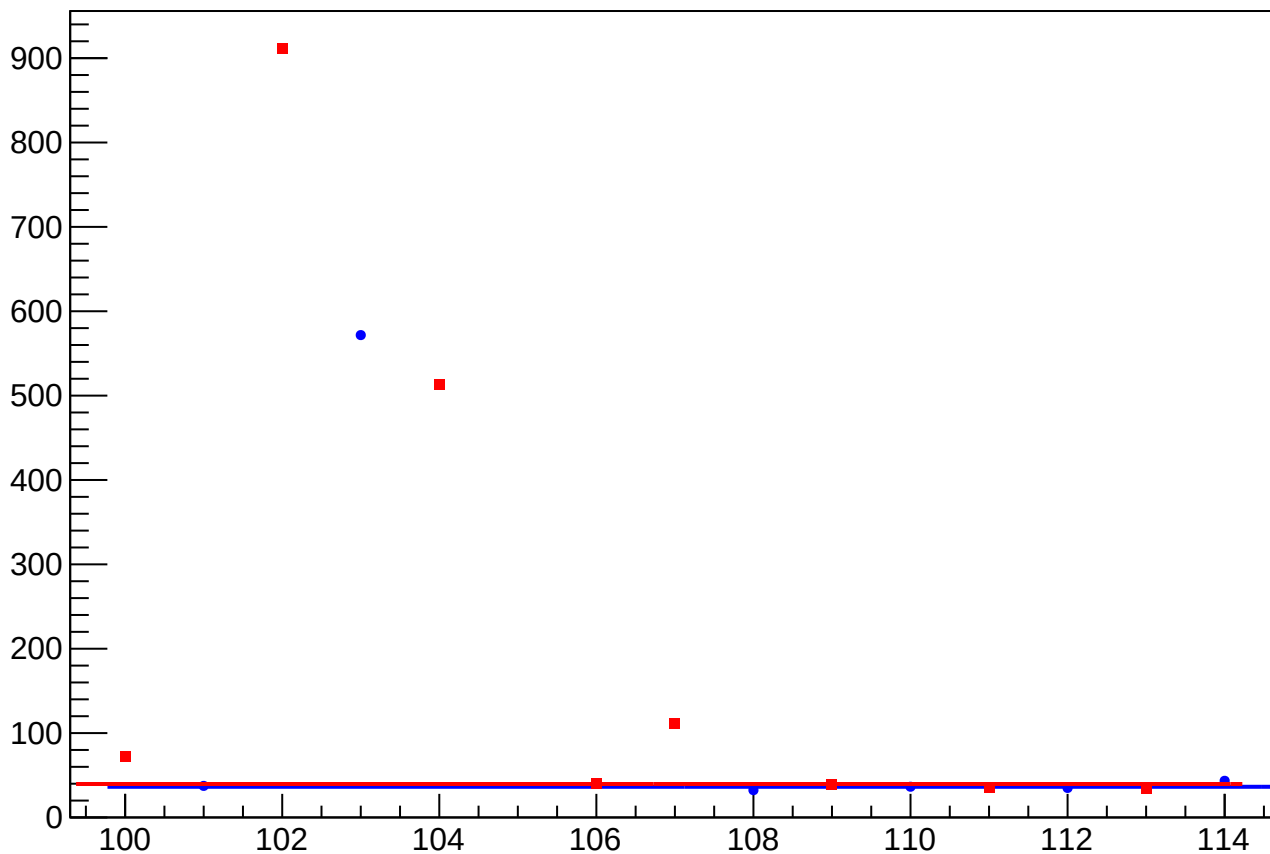
Right: -0.014 $\pm$ 0.020 χ^2 /NDF: 13.4/13

In: -0.041 $\pm$ 0.027 χ^2 /NDF:6.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.020 χ^2 /NDF: 13.4/13

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

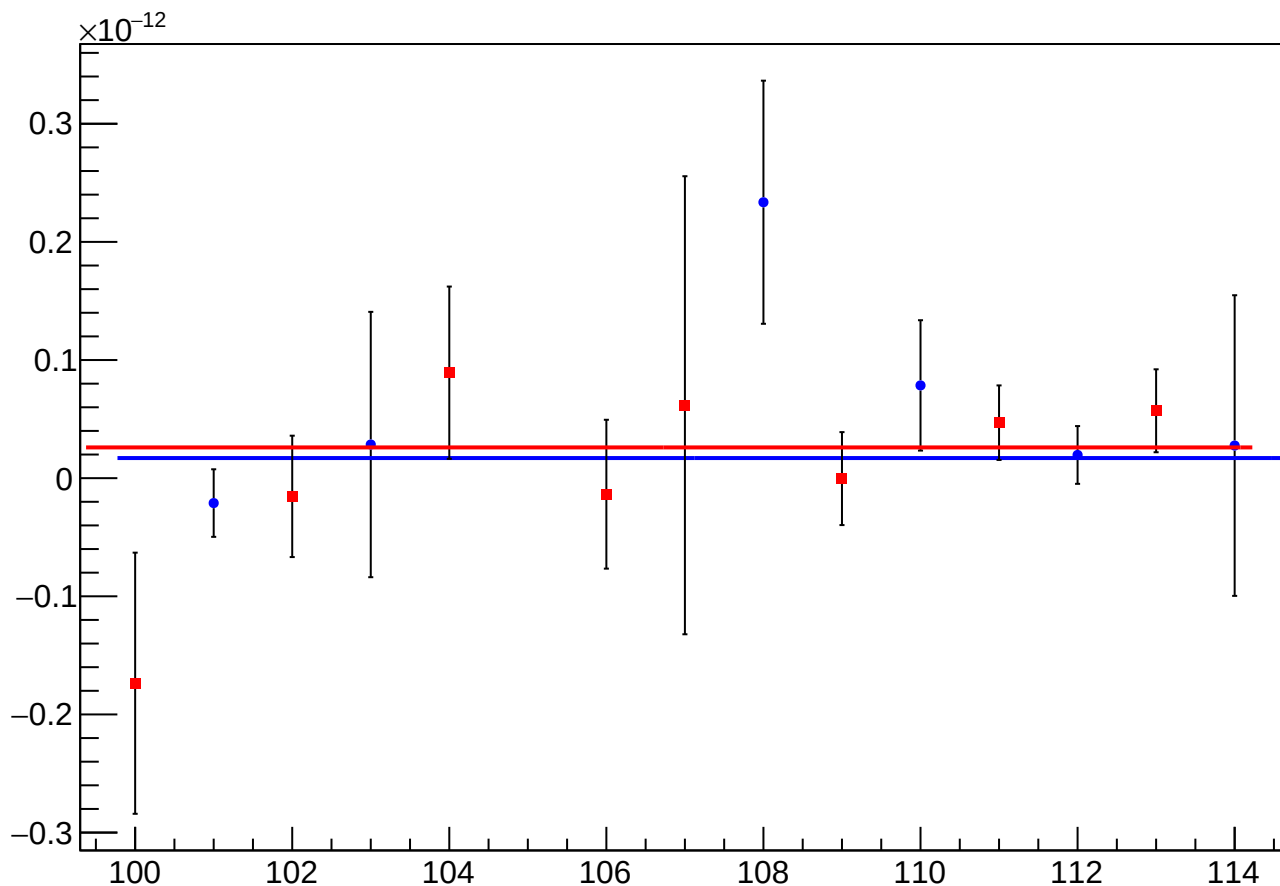
Right: 37.780+/-0.014 χ^2/NDF : 3038335.8/13

In: 36.354+/-0.019 χ^2/NDF : 1062196.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.780+/-0.014 χ^2/NDF : 3038335.8/13

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

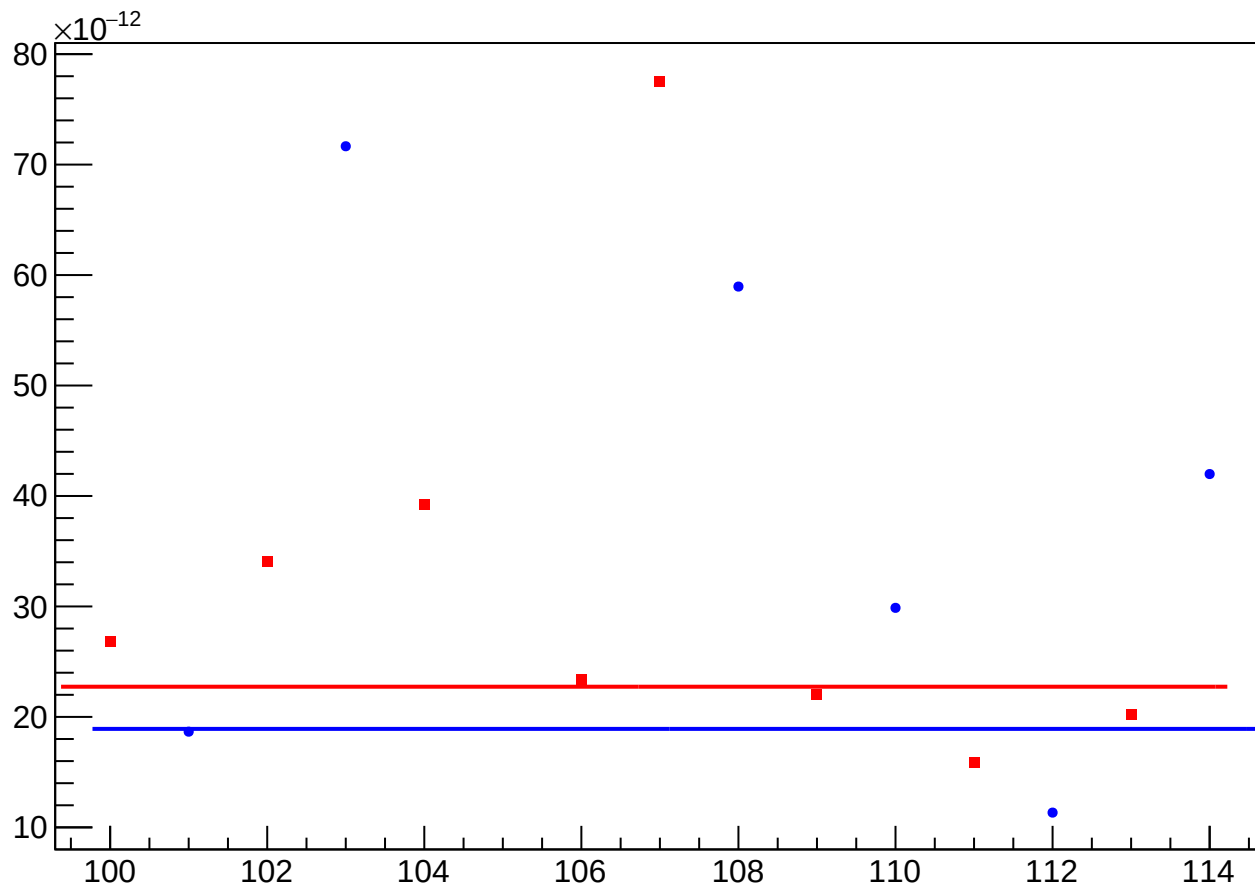
Right: 0.000+/-0.000 χ^2/NDF : 14.4/13

In: 0.000+/-0.000 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/13

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

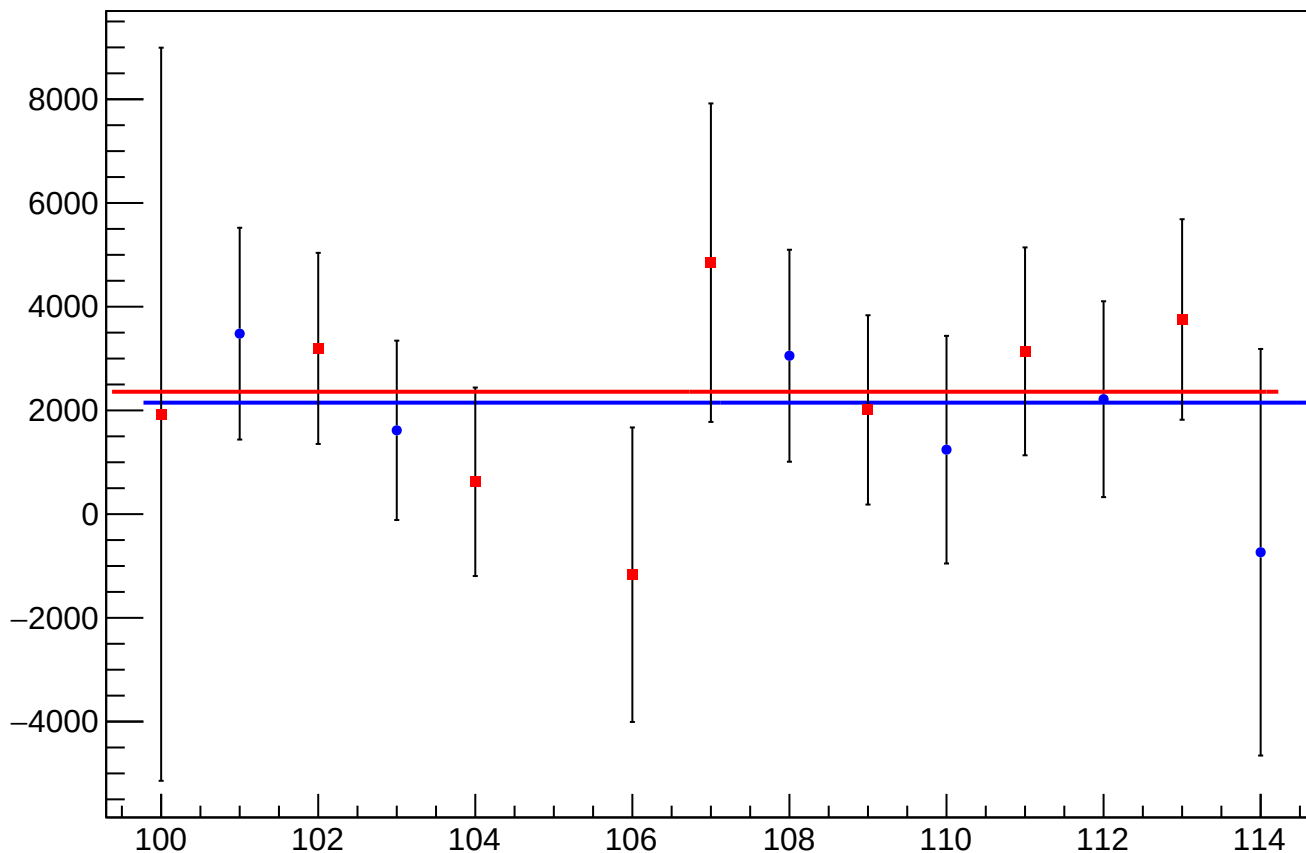
Right: 0.000+/-0.000 χ^2/NDF : 1598954.9/13

In: 0.000+/-0.000 χ^2/NDF : 1081038.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1598954.9/13

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2149.611+/-855.406 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2360.007+/-775.208 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

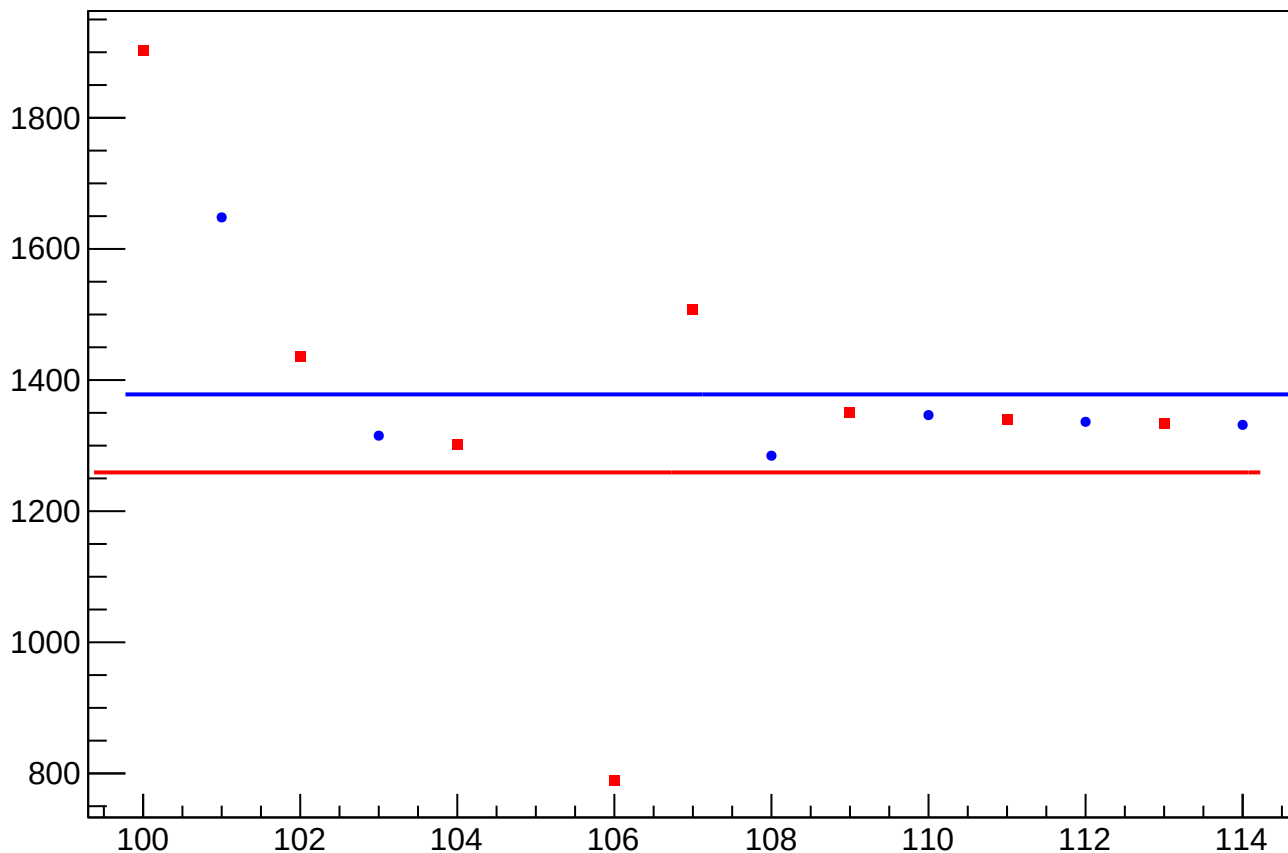
Right: 2265.132+/-574.420 χ^2/NDF : 5.5/13

In: 2149.611+/-855.406 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.132+/-574.420 χ^2/NDF : 5.5/13

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1378.140+/-0.605 χ^2/NDF : 43473.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1259.149+/-0.512 χ^2/NDF : 222306.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

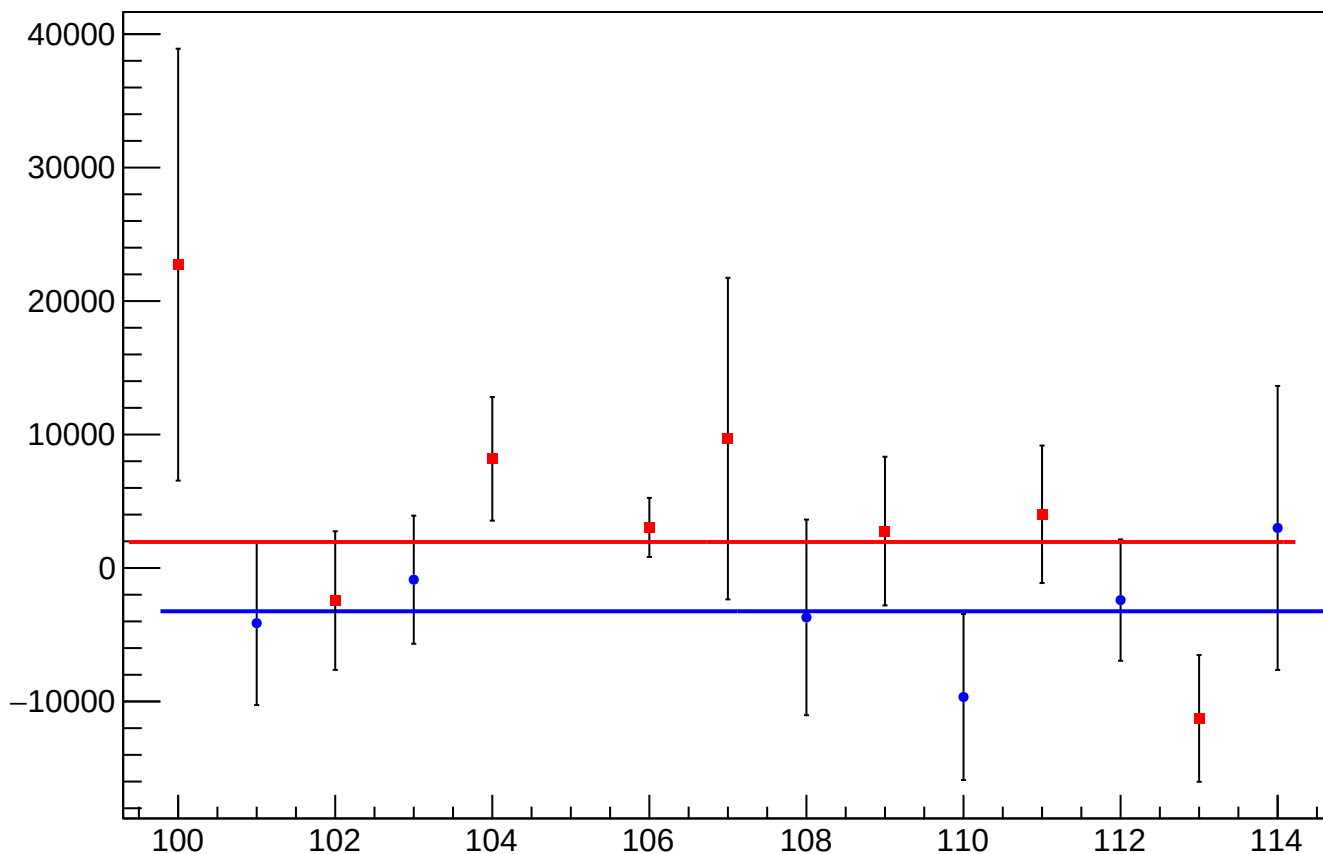
Right: 1308.821+/-0.391 χ^2/NDF : 288324.5/13

In: 1378.140+/-0.605 χ^2/NDF : 43473.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.821+/-0.391 χ^2/NDF : 288324.5/13

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

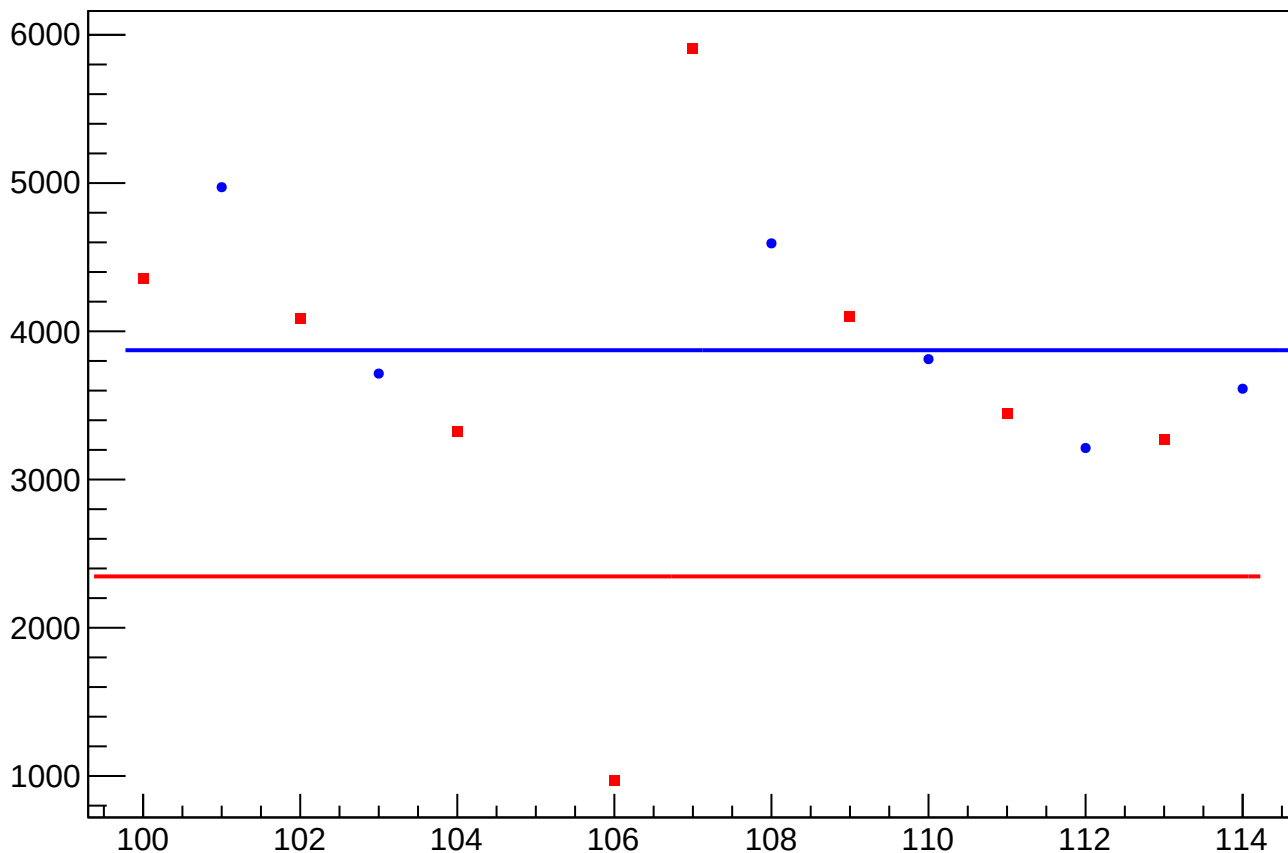
Right: 426.379+/-1308.296 χ^2/NDF : 17.7/13

In: -3241.555+/-2414.004 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.379+/-1308.296 χ^2/NDF : 17.7/13

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

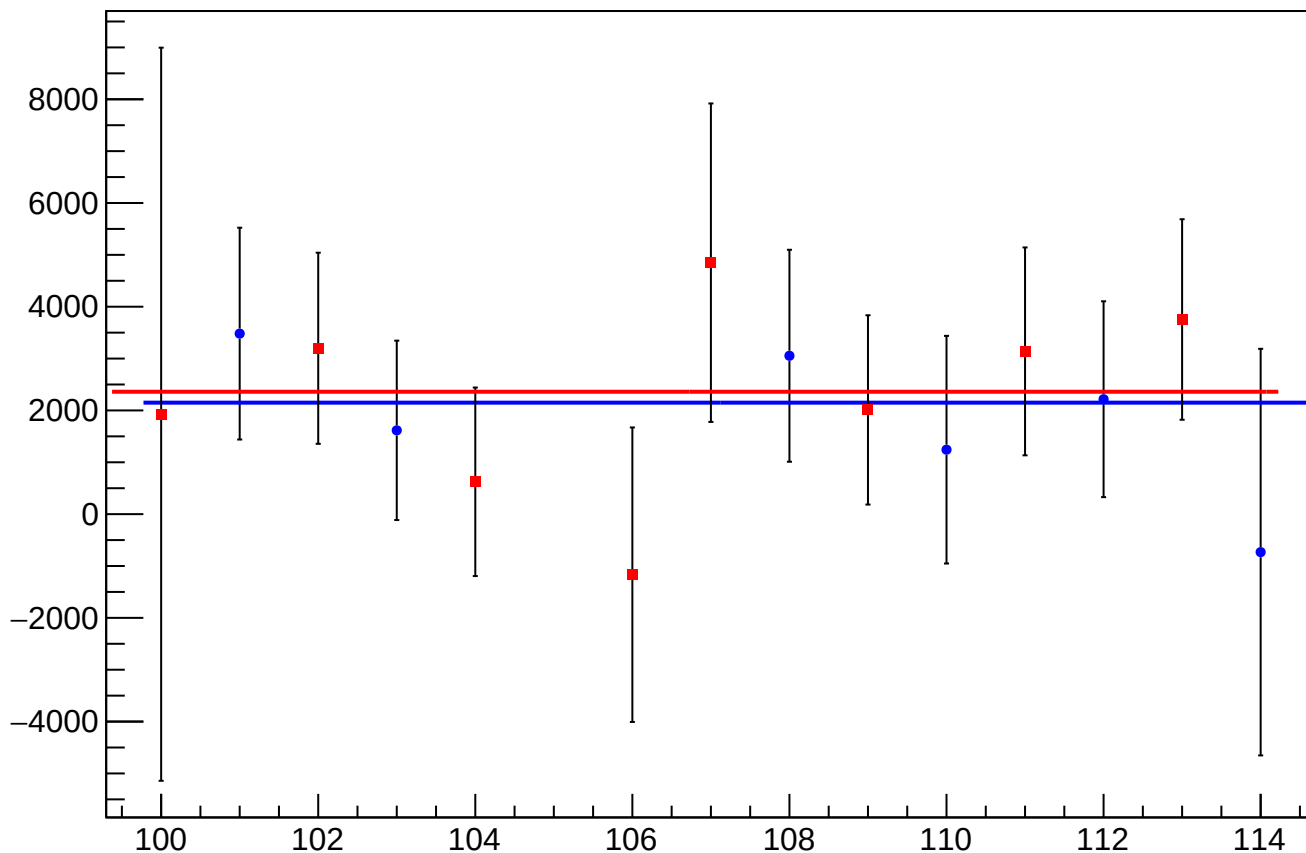
Right: 2794.662+/-0.925 χ^2/NDF : 2350288.2/13

In: 3872.421+/-1.707 χ^2/NDF : 129151.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2794.662+/-0.925 χ^2/NDF : 2350288.2/13

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2149.903+/-855.406 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2360.513+/-775.219 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

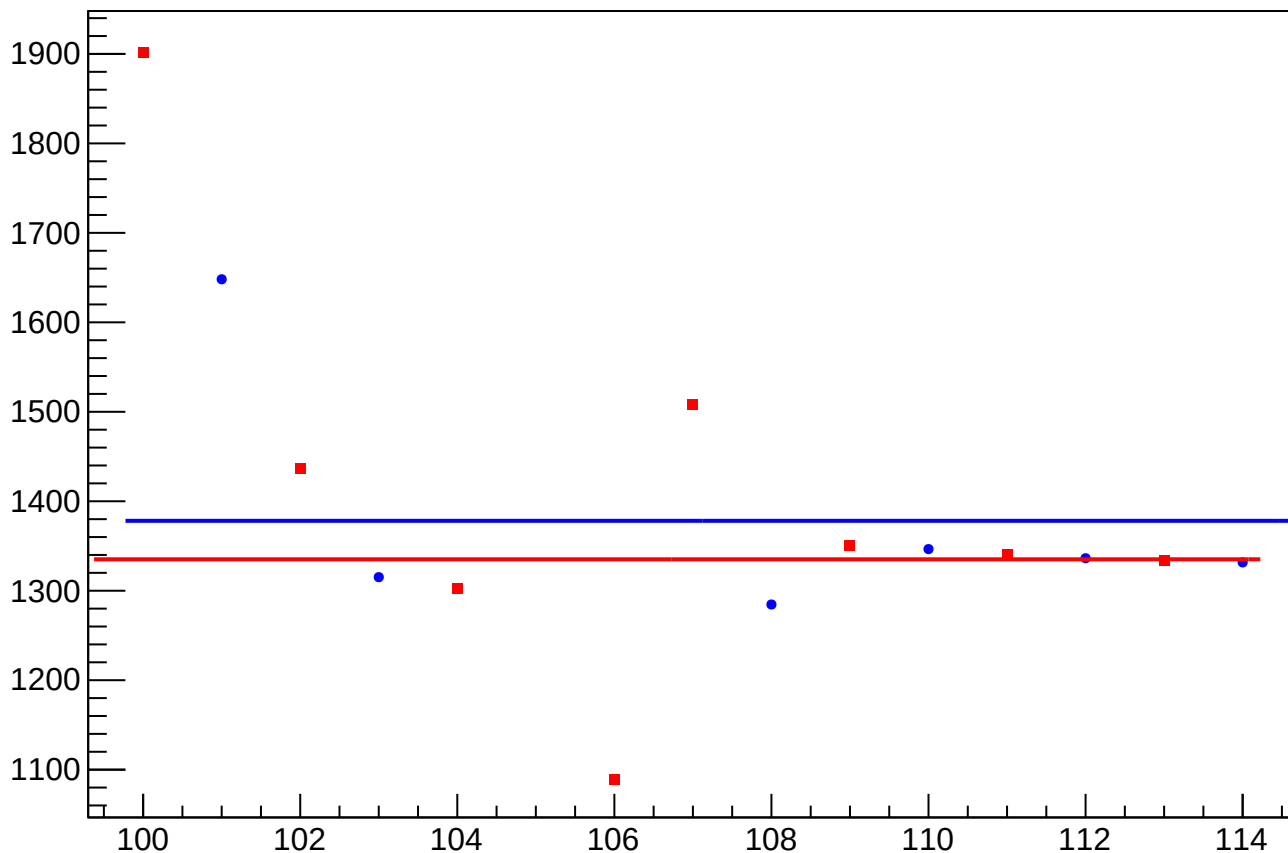
Right: 2265.540+/-574.425 χ^2/NDF : 5.5/13

In: 2149.903+/-855.406 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.540+/-574.425 χ^2/NDF : 5.5/13

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

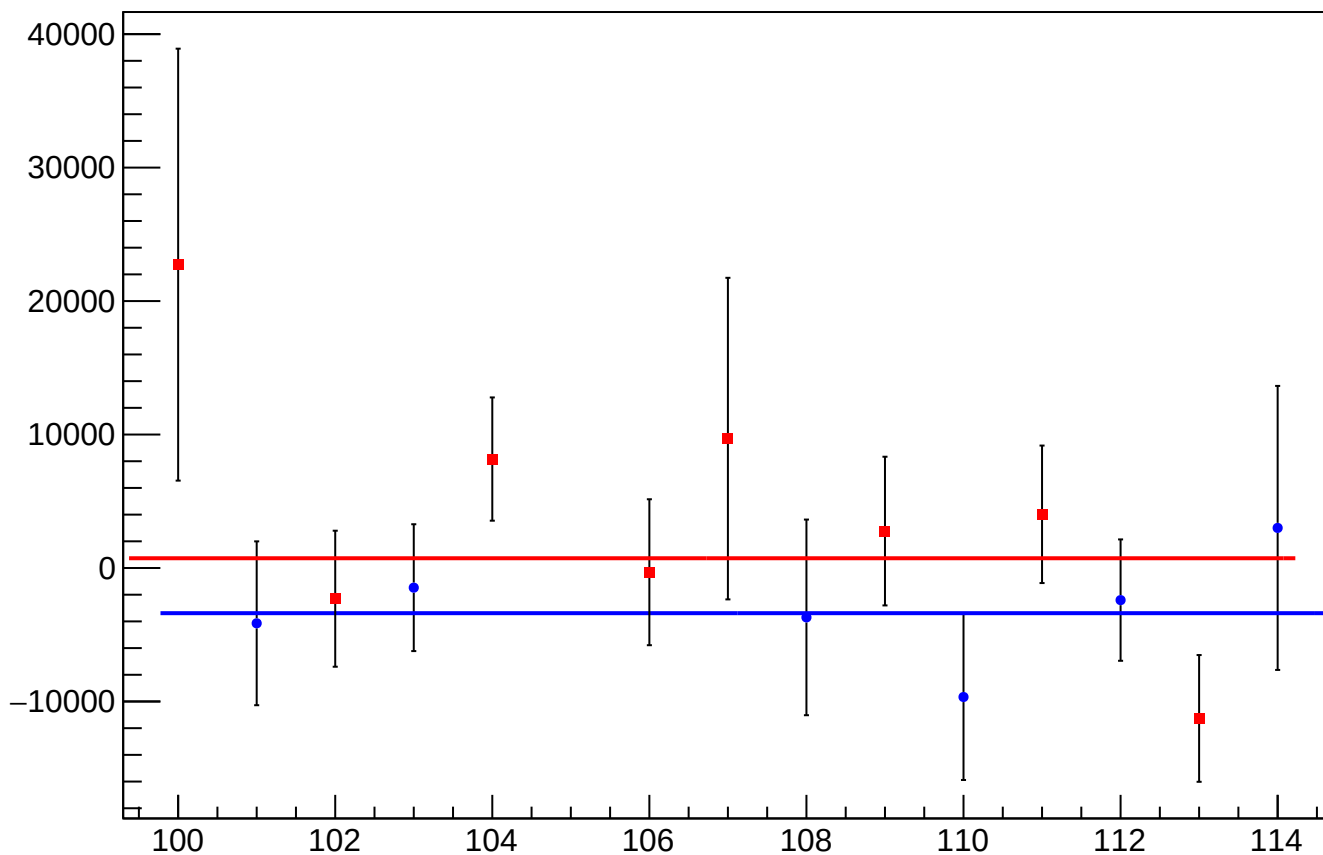
Right: 1353.918+/-0.400 χ^2/NDF : 99581.7/13

In: 1378.139+/-0.605 χ^2/NDF : 43473.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.918+/-0.400 χ^2/NDF : 99581.7/13

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

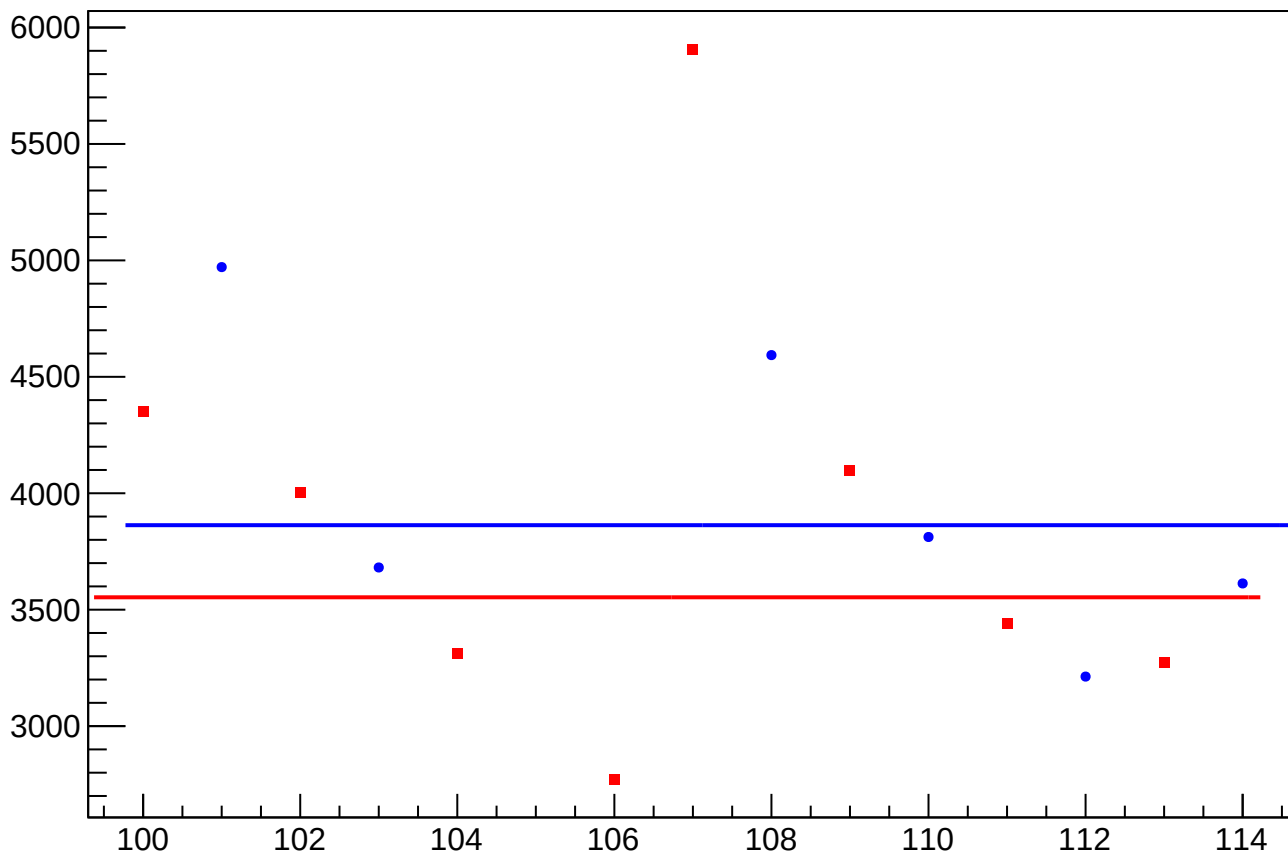
Right: -973.797+/-1549.763 χ^2/NDF : 15.6/13

In: -3384.188+/-2407.648 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -973.797+/-1549.763 χ^2/NDF : 15.6/13

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

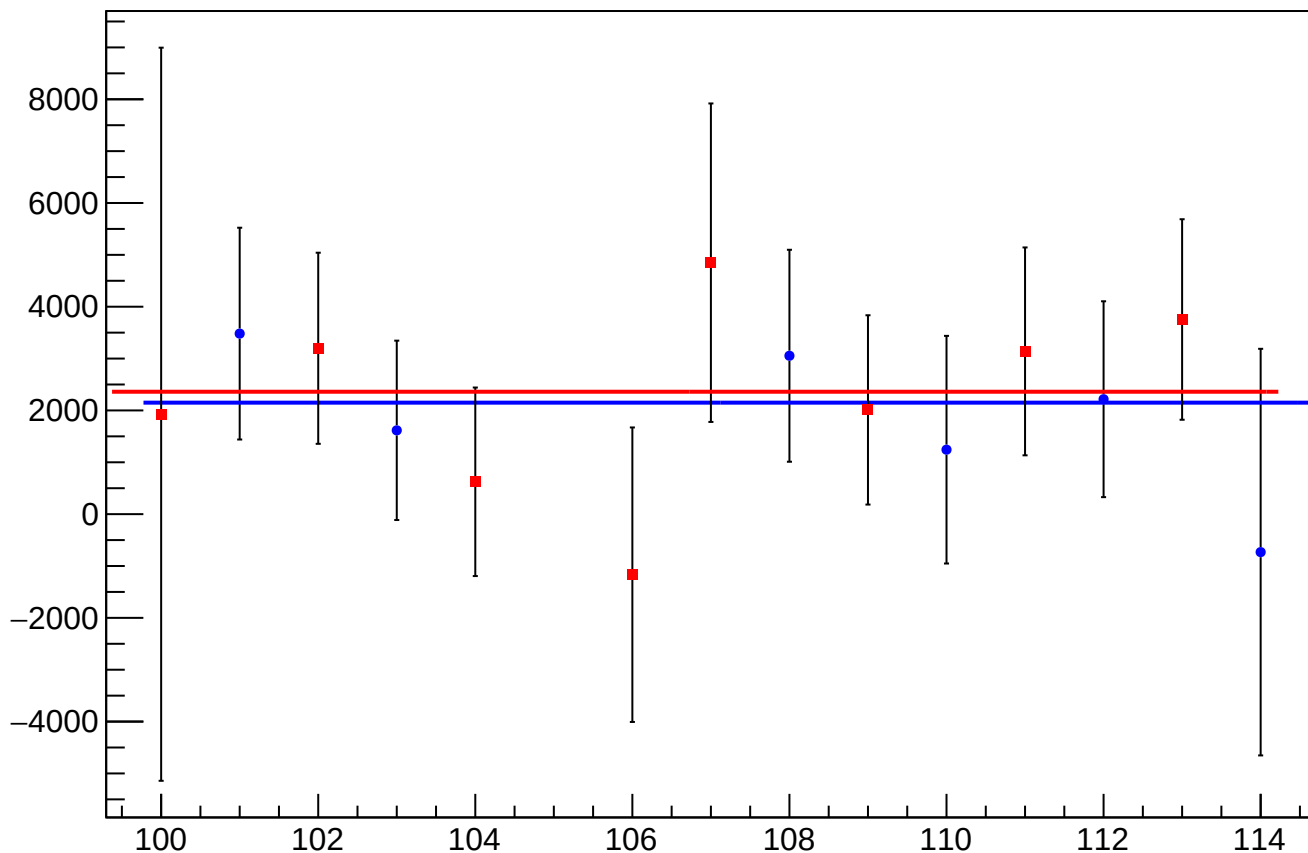
Right: 3681.522+/-1.096 χ^2/NDF : 320023.2/13

In: 3862.898+/-1.702 χ^2/NDF : 130107.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3681.522+/-1.096 χ^2/NDF : 320023.2/13

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2149.903+/-855.406 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2360.513+/-775.219 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

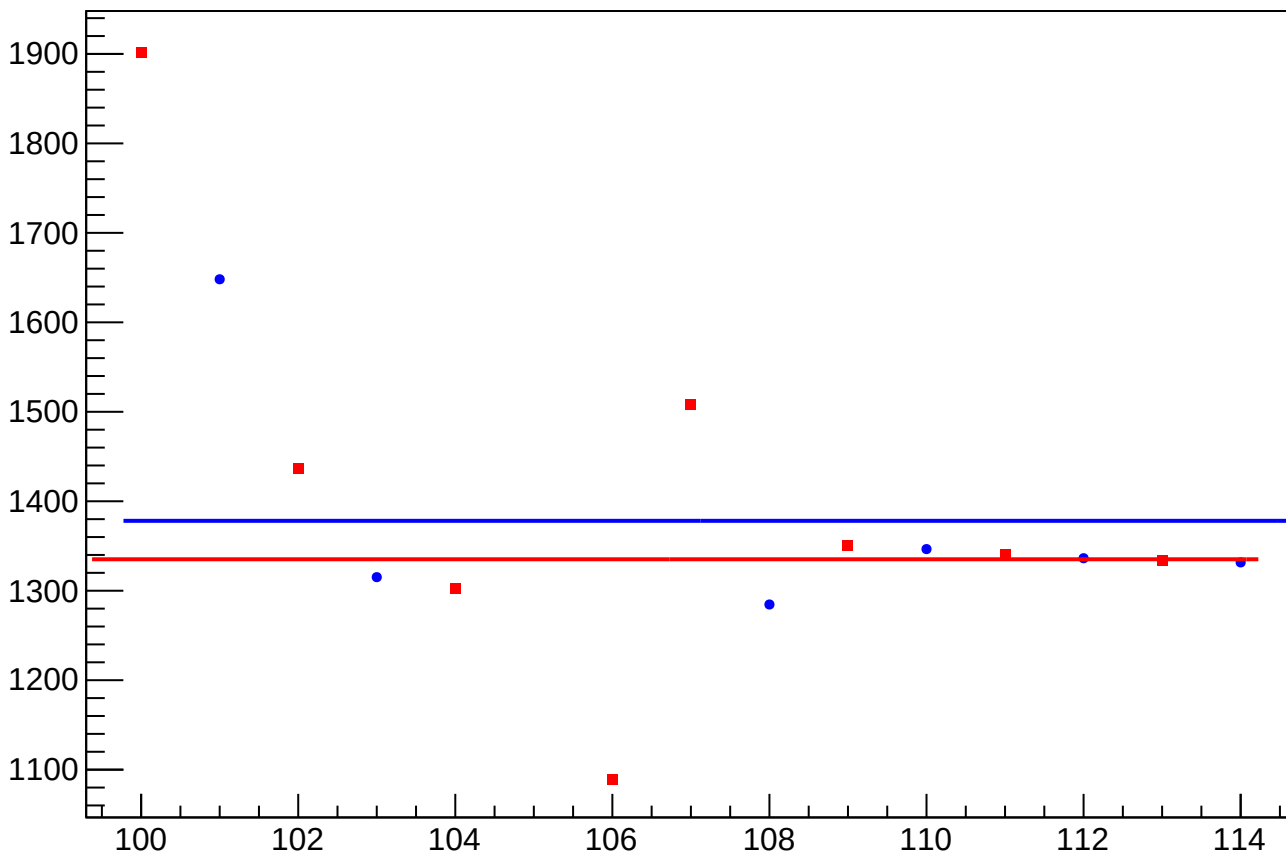
Right: 2265.540+/-574.425 χ^2/NDF : 5.5/13

In: 2149.903+/-855.406 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.540+/-574.425 χ^2/NDF : 5.5/13

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

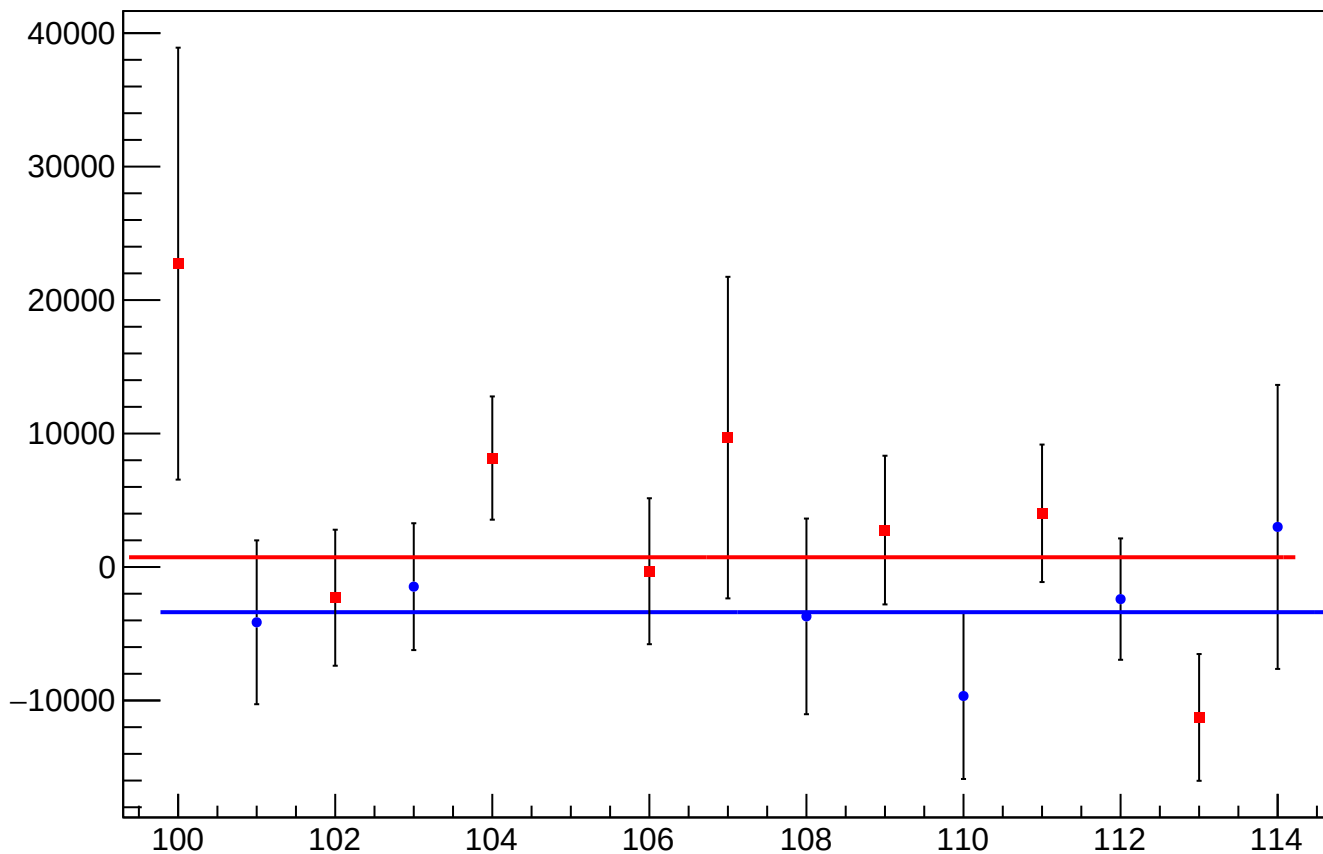
Right: 1353.918+/-0.400 χ^2/NDF : 99581.7/13

In: 1378.139+/-0.605 χ^2/NDF : 43473.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.918+/-0.400 χ^2/NDF : 99581.7/13

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

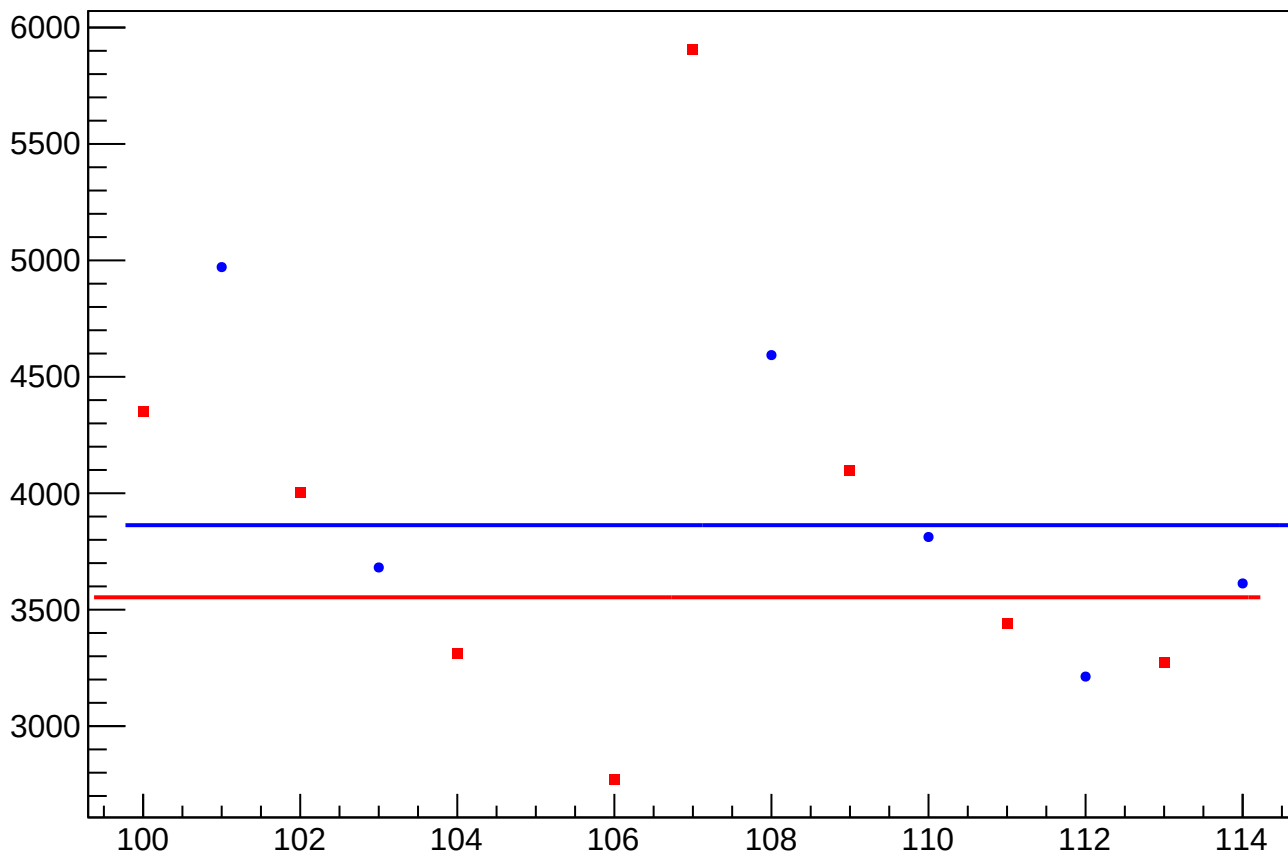
Right: -973.797+/-1549.763 χ^2/NDF : 15.6/13

In: -3384.188+/-2407.648 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -973.797+/-1549.763 χ^2/NDF : 15.6/13

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

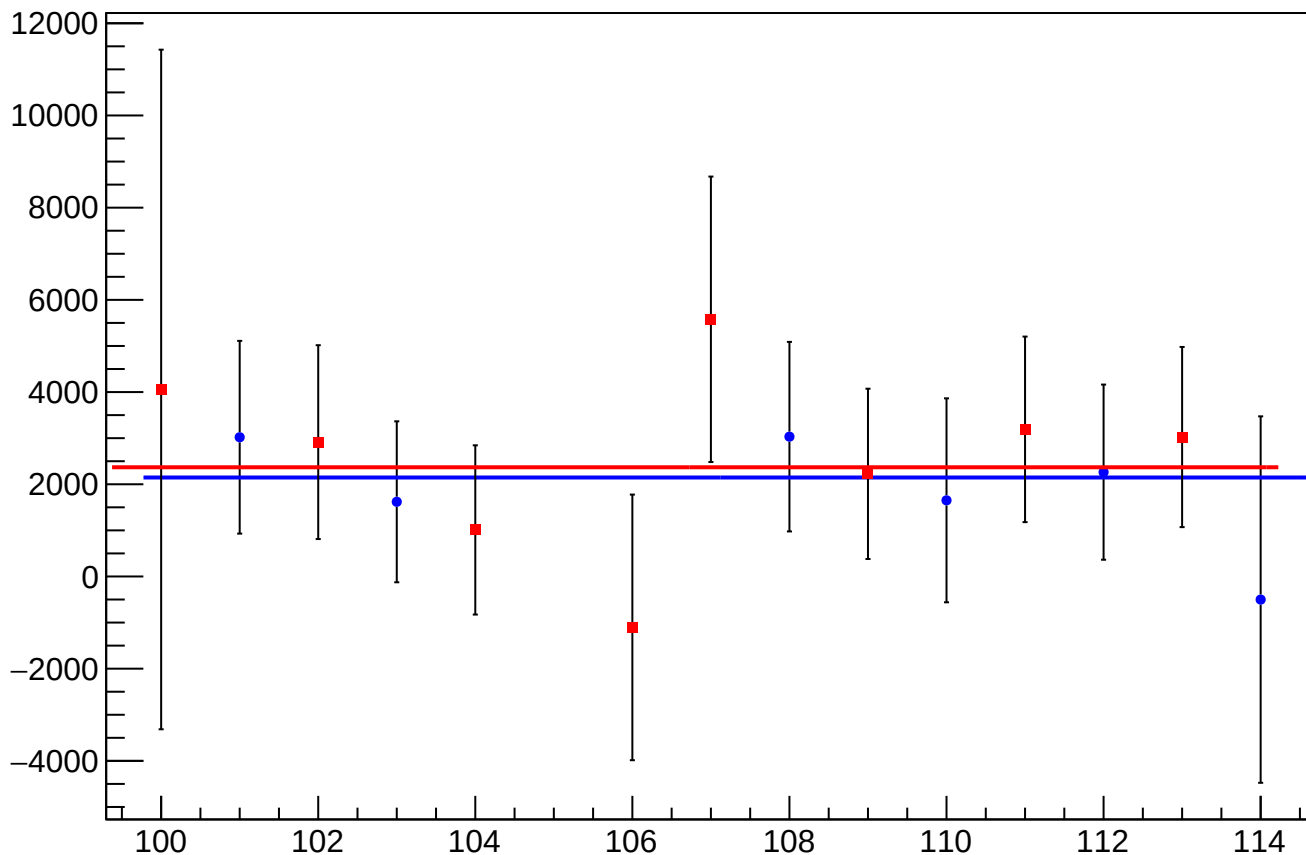
Right: 3681.522+/-1.096 χ^2/NDF : 320023.2/13

In: 3862.898+/-1.702 χ^2/NDF : 130107.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3681.522+/-1.096 χ^2/NDF : 320023.2/13

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2146.726+/-864.404 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2368.870+/-798.549 χ^2/NDF : 3.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

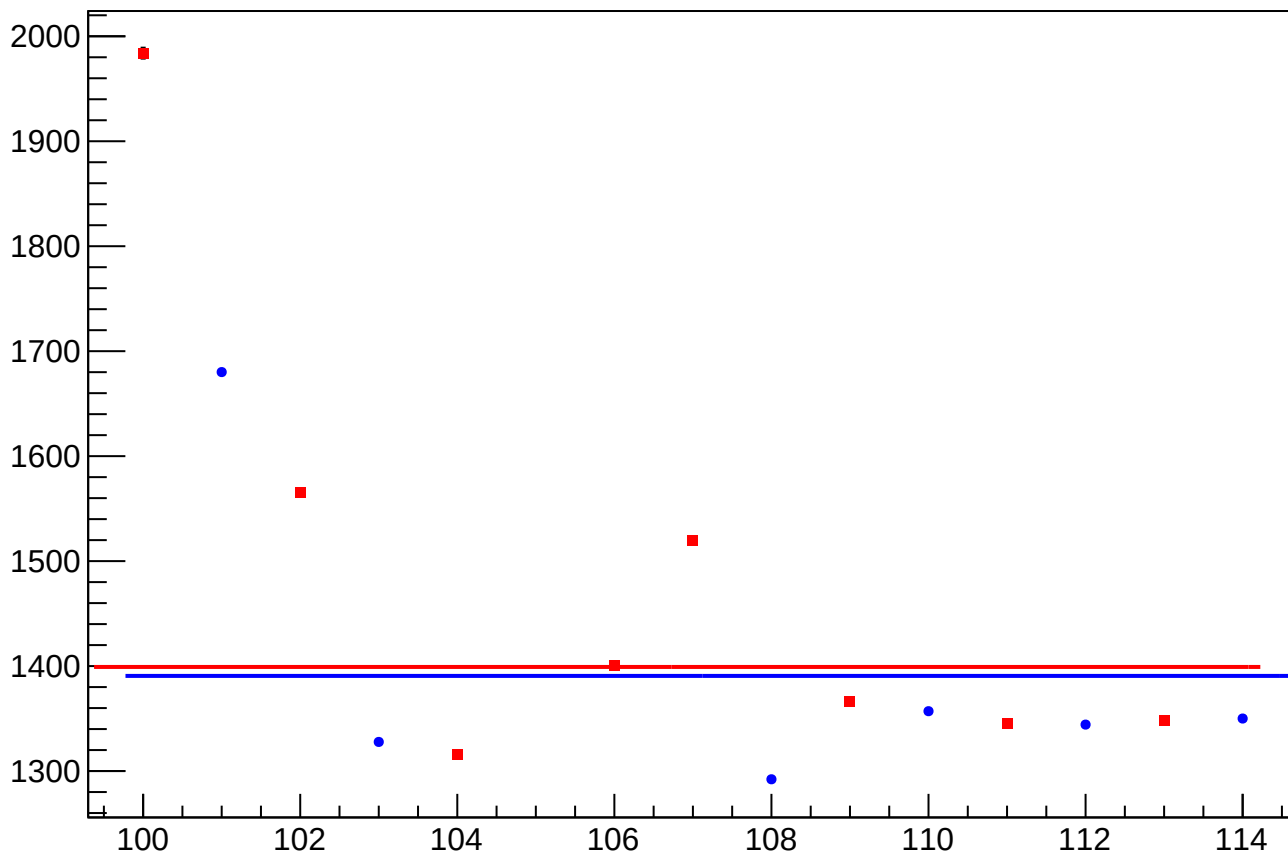
Right: 2266.581+/-586.561 χ^2/NDF : 4.5/13

In: 2146.726+/-864.404 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2266.581+/-586.561 χ^2/NDF : 4.5/13

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1390.641+/-0.611 χ^2/NDF : 47390.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.176+/-0.561 χ^2/NDF : 35679.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

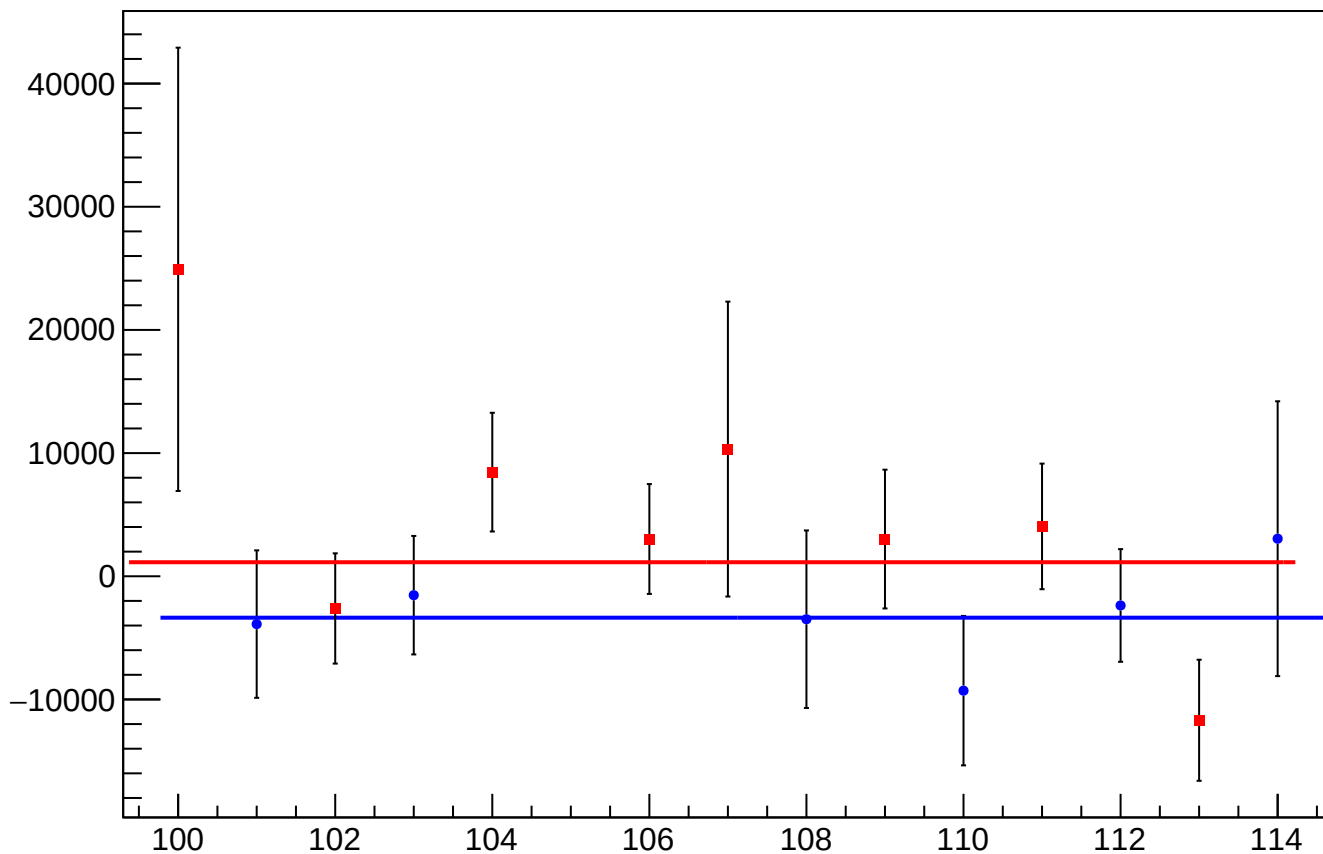
Right: 1395.272+/-0.413 χ^2/NDF : 83175.0/13

In: 1390.641+/-0.611 χ^2/NDF : 47390.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.272+/-0.413 χ^2/NDF : 83175.0/13

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

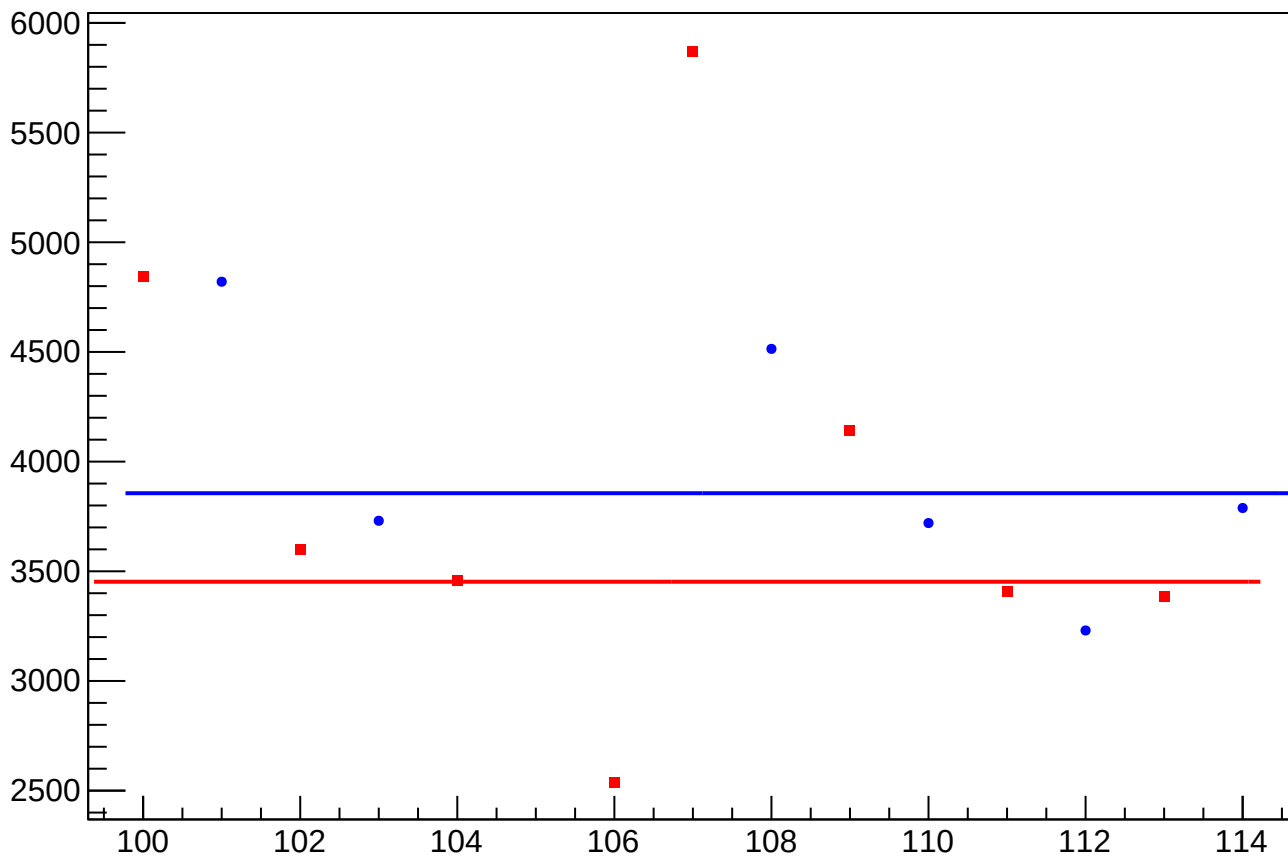
Right: -641.947+/-1510.815 χ^2/NDF : 16.4/13

In: -3362.588+/-2401.530 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.947+/-1510.815 χ^2/NDF : 16.4/13

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

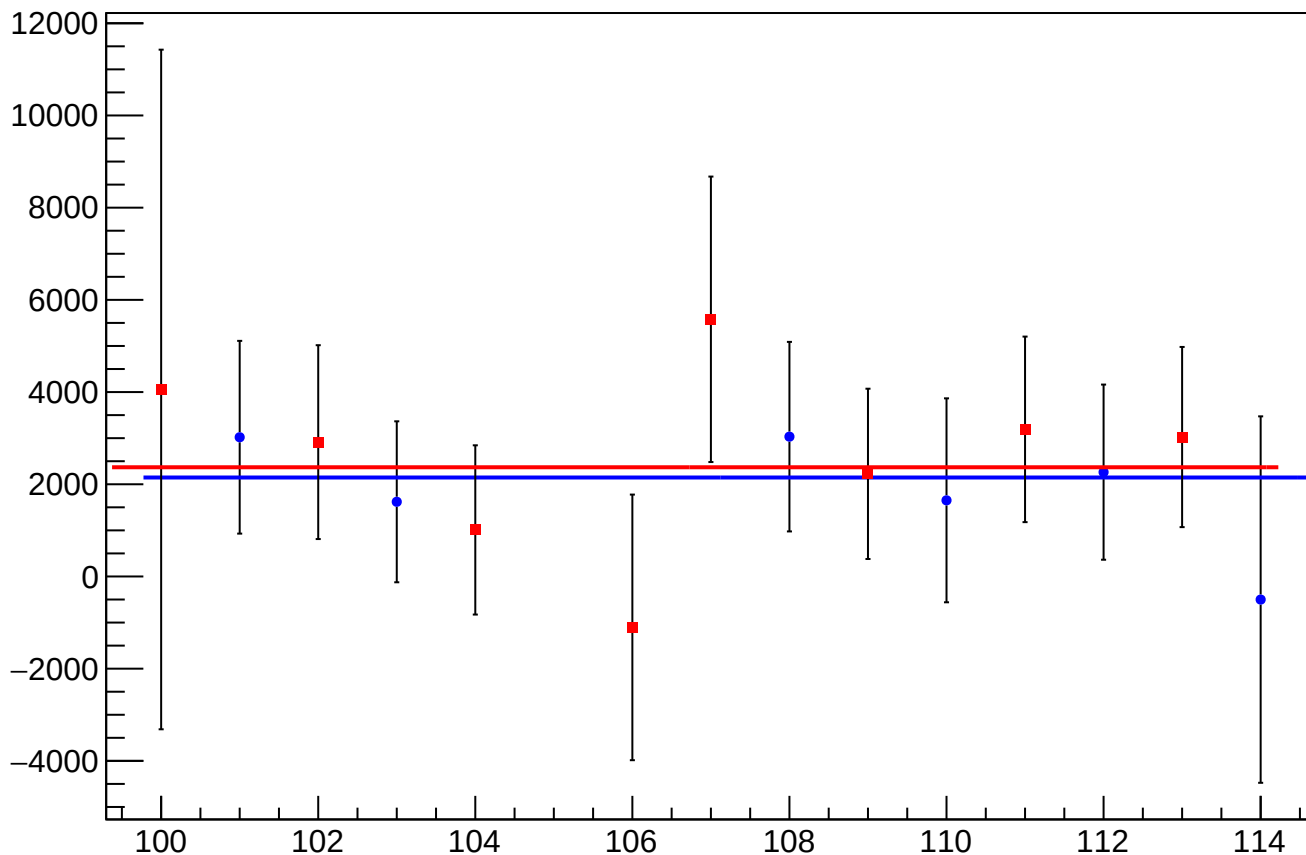
Right: 3612.081+/-1.068 χ^2/NDF : 352707.0/13

In: 3855.890+/-1.698 χ^2/NDF : 108421.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3612.081+/-1.068 χ^2/NDF : 352707.0/13

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2146.734+/-864.404 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2368.875+/-798.548 χ^2/NDF : 3.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

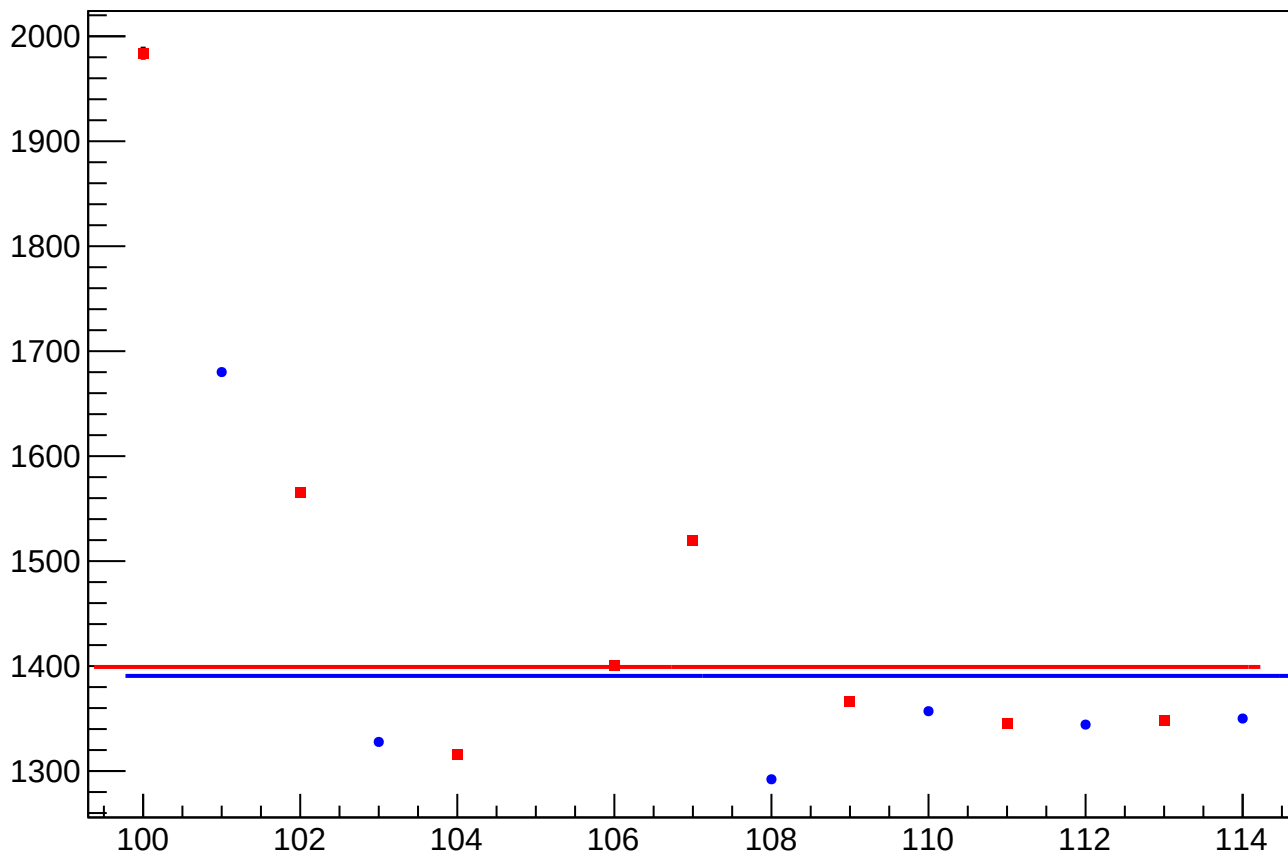
Right: 2266.588+/-586.561 χ^2/NDF : 4.5/13

In: 2146.734+/-864.404 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2266.588+/-586.561 χ^2/NDF : 4.5/13

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1390.641+/-0.611 χ^2/NDF : 47389.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.176+/-0.561 χ^2/NDF : 35679.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

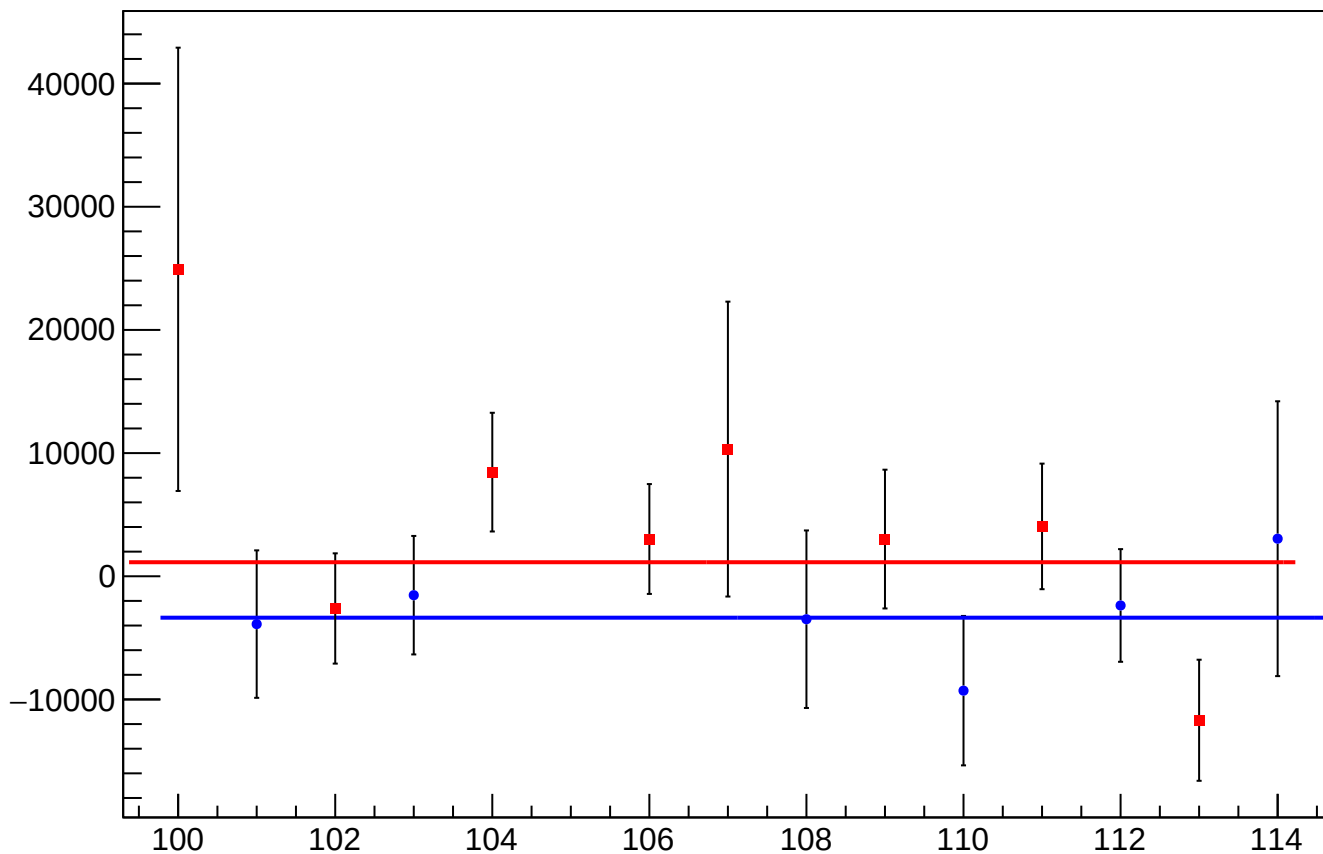
Right: 1395.272+/-0.413 χ^2/NDF : 83174.9/13

In: 1390.641+/-0.611 χ^2/NDF : 47389.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.272+/-0.413 χ^2/NDF : 83174.9/13

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

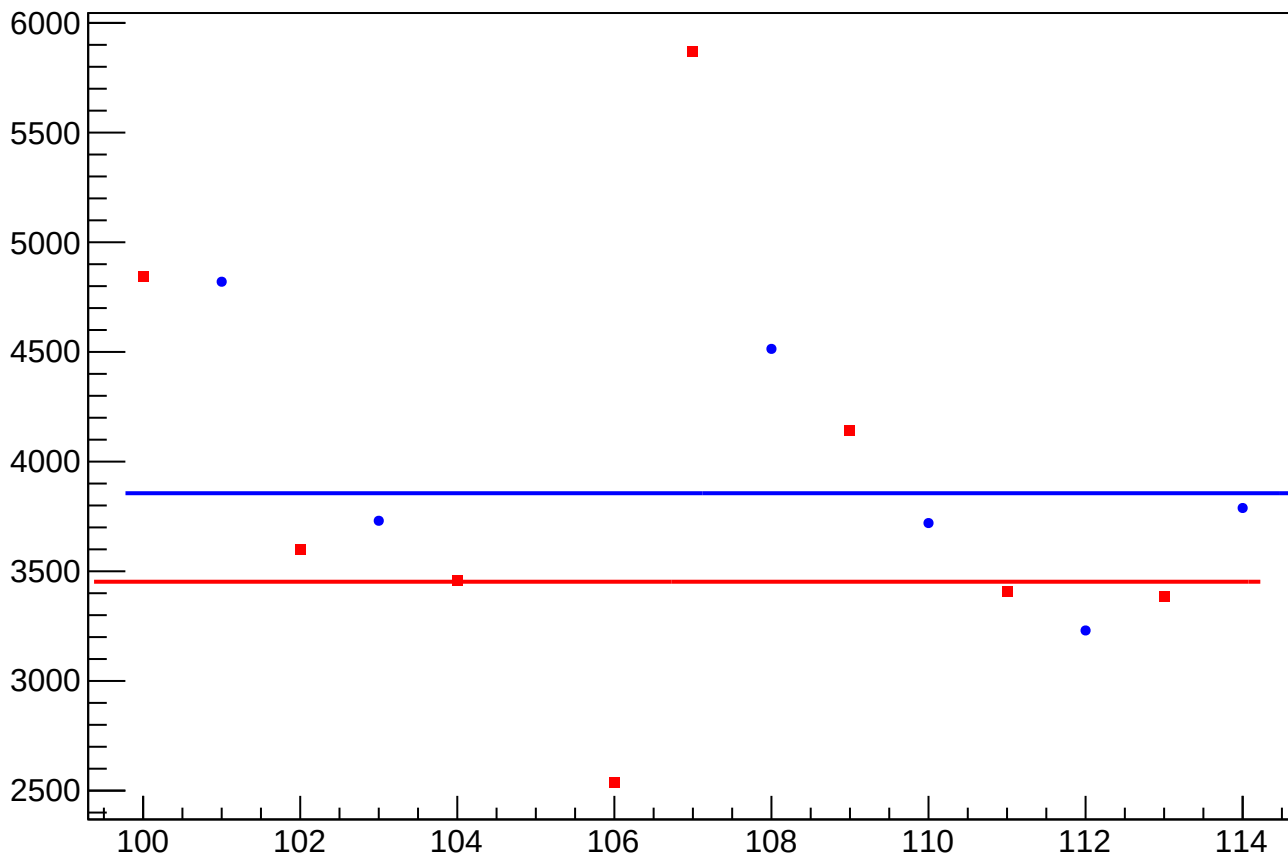
Right: -641.945+/-1510.812 χ^2/NDF : 16.4/13

In: -3362.582+/-2401.525 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.945+/-1510.812 χ^2/NDF : 16.4/13

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3855.882+/-1.698 χ^2/NDF : 108422.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3452.378+/-1.374 χ^2/NDF : 210169.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

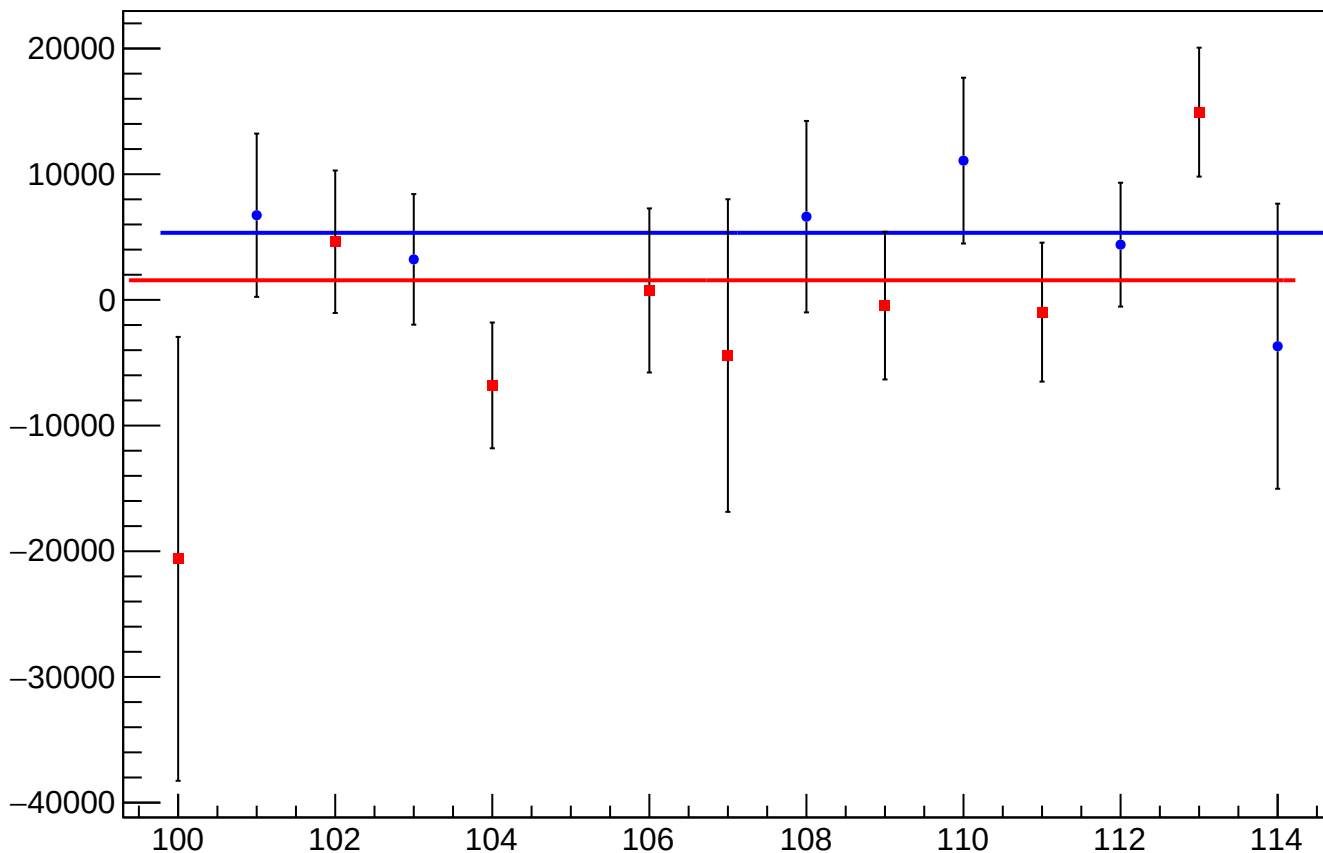
Right: 3612.074+/-1.068 χ^2/NDF : 352707.1/13

In: 3855.882+/-1.698 χ^2/NDF : 108422.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3612.074+/-1.068 χ^2/NDF : 352707.1/13

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 5337.338+/-2582.471 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.794+/-2214.394 χ^2/NDF : 12.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

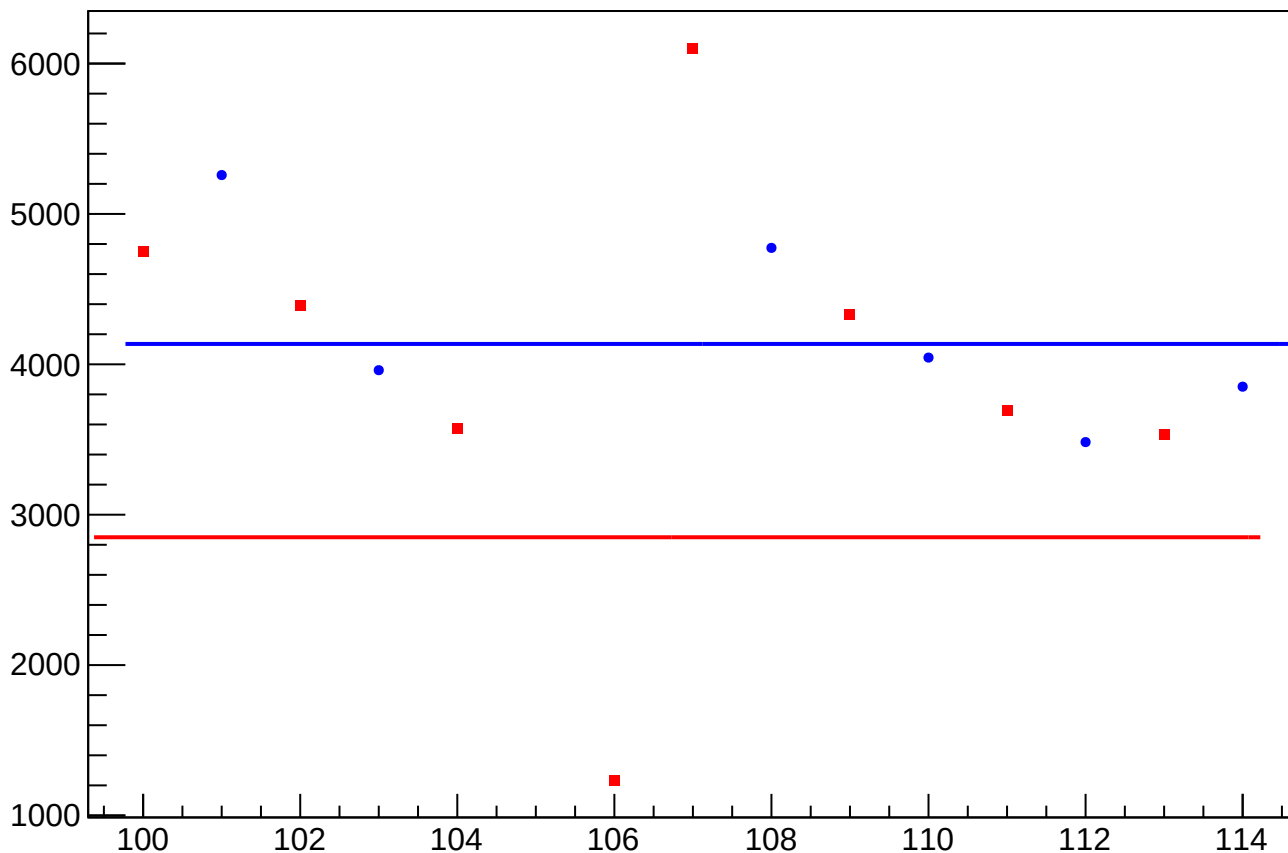
Right: 3159.825+/-1681.021 χ^2/NDF : 14.9/13

In: 5337.338+/-2582.471 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3159.825+/-1681.021 χ^2/NDF : 14.9/13

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4135.513+/-1.826 χ^2/NDF : 112851.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2850.017+/-1.282 χ^2/NDF : 1206360.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

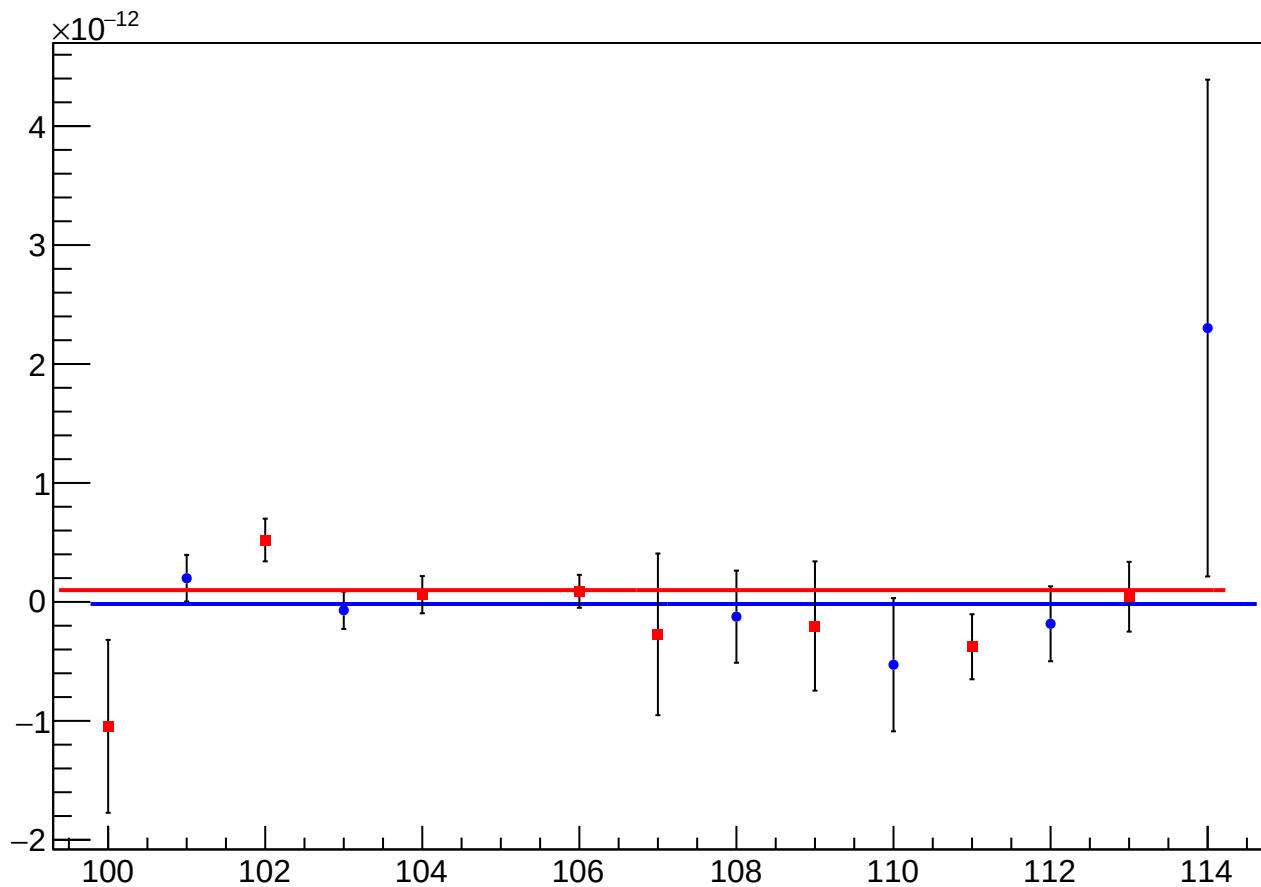
Right: 3274.280+/-1.049 χ^2/NDF : 1651226.0/13

In: 4135.513+/-1.826 χ^2/NDF : 112851.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3274.280+/-1.049 χ^2/NDF : 1651226.0/13

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

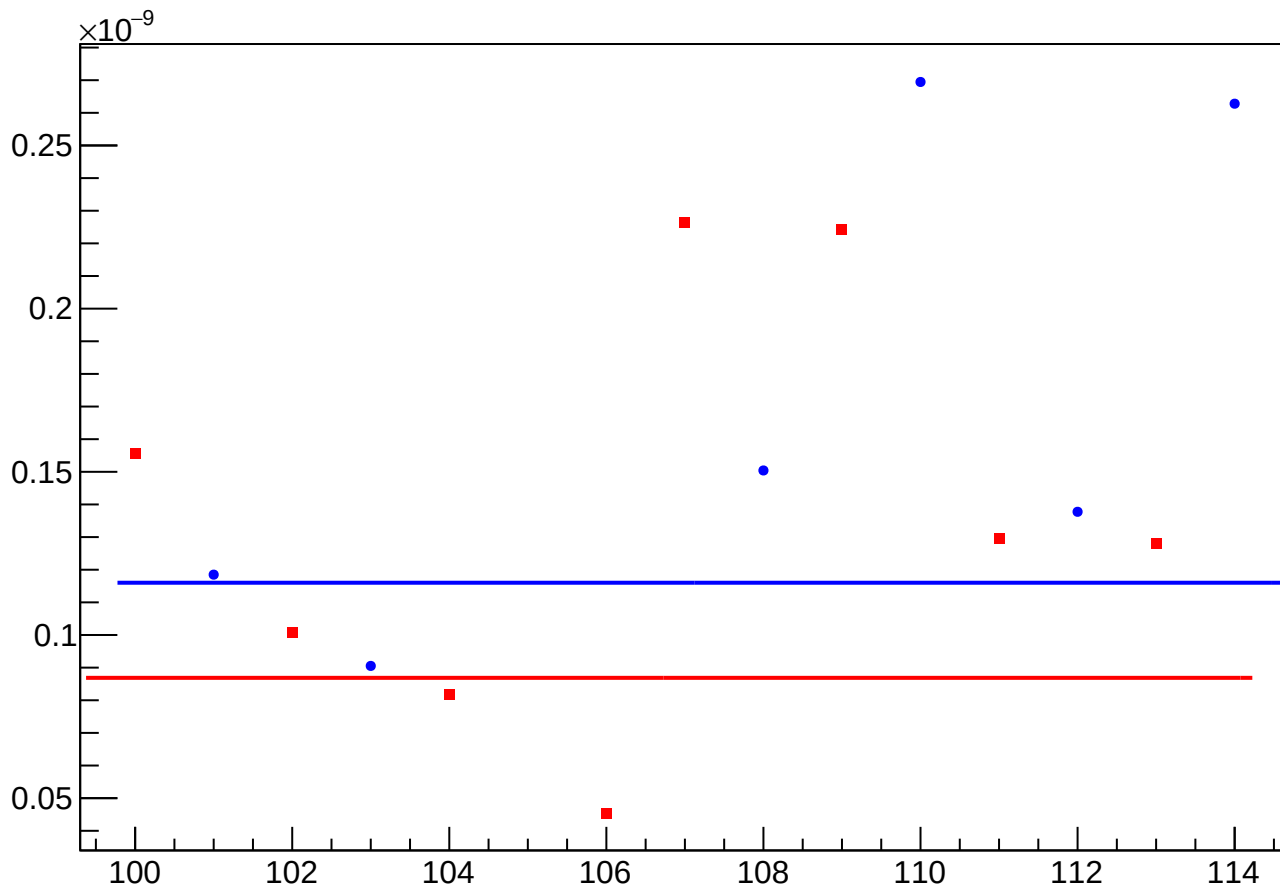
Right: 0.000+/-0.000 χ^2/NDF : 16.2/13

In: -0.000+/-0.000 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/13

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 238484.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 512377.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

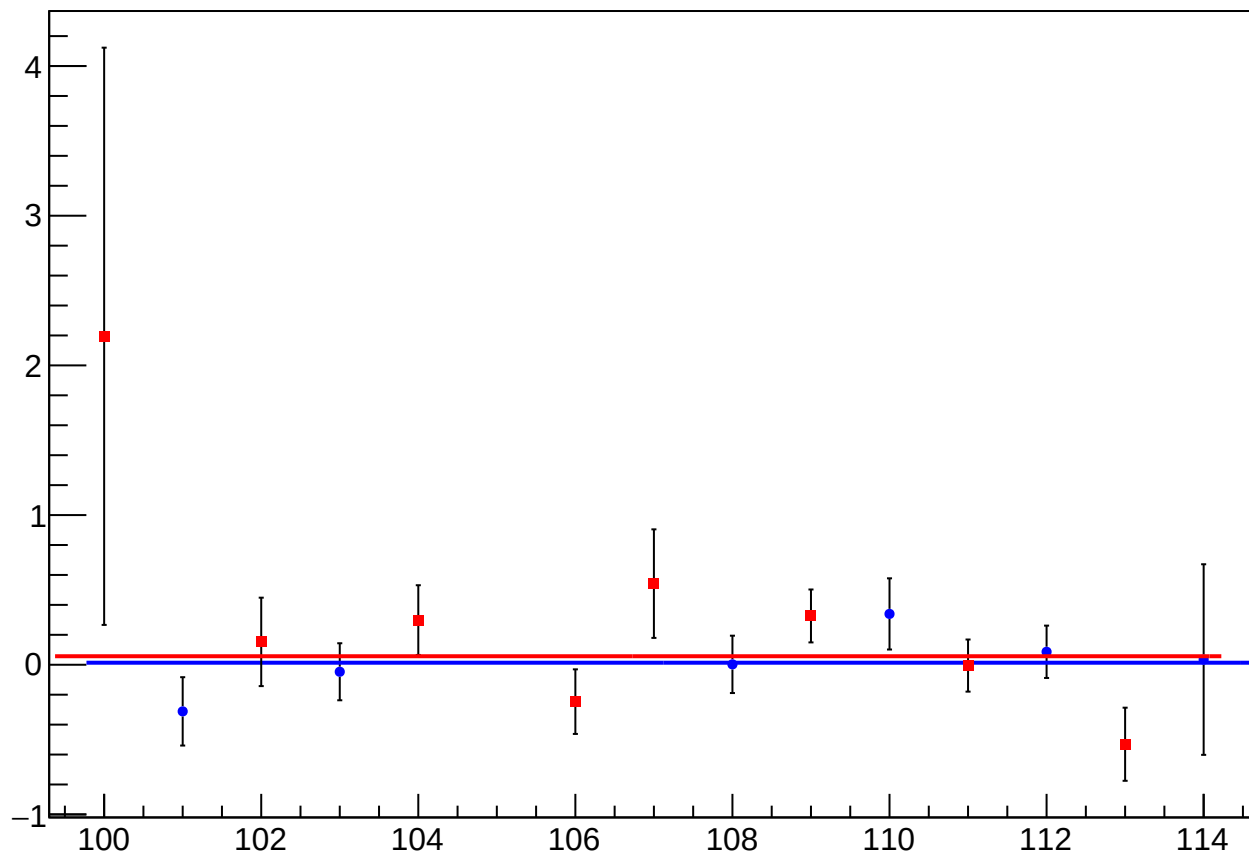
Right: 0.000+/-0.000 χ^2/NDF : 845696.7/13

In: 0.000+/-0.000 χ^2/NDF : 238484.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 845696.7/13

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.089 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.057+/-0.084 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

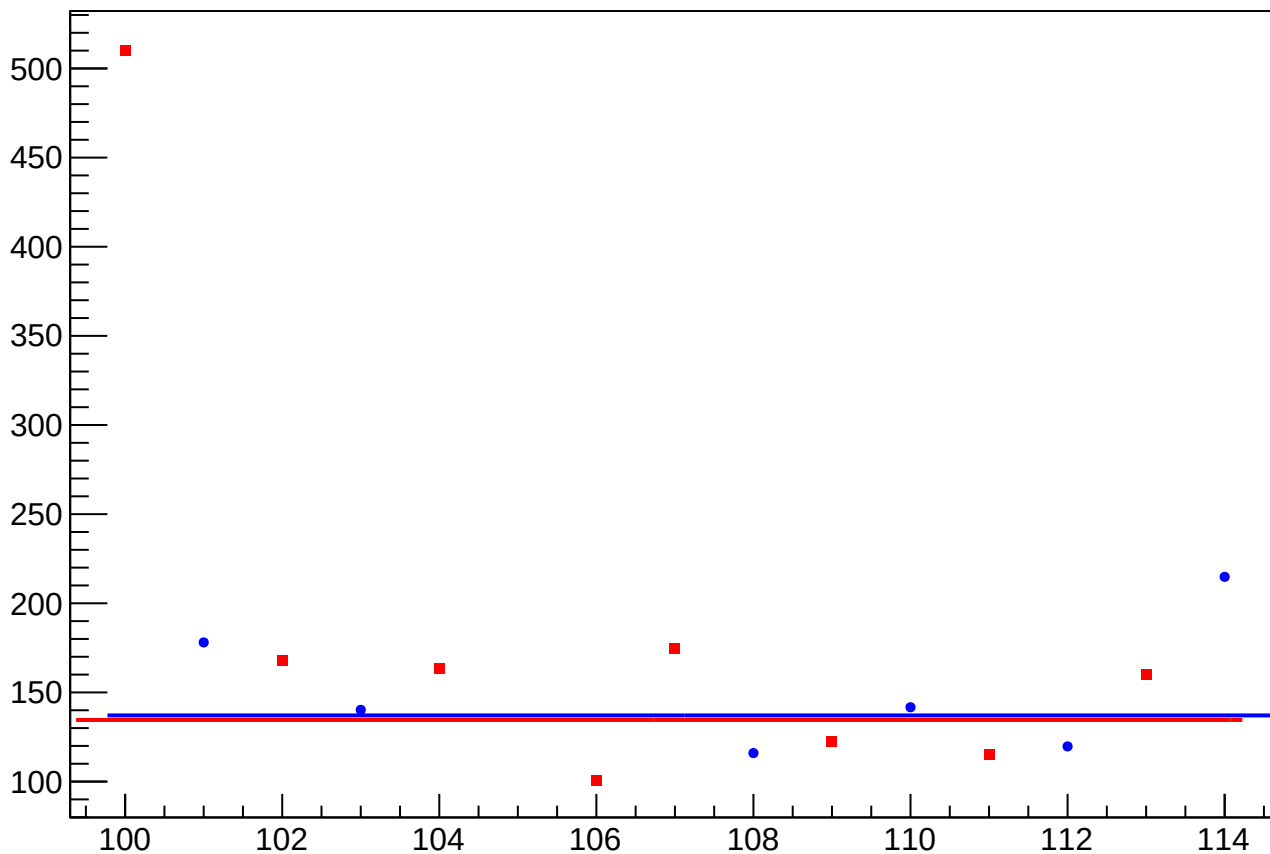
Right: 0.036+/-0.061 χ^2/NDF : 18.7/13

In: 0.014+/-0.089 χ^2/NDF :4.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.061 χ^2/NDF : 18.7/13

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.101+/-0.063 χ^2/NDF : 139482.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.555+/-0.060 χ^2/NDF : 261477.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

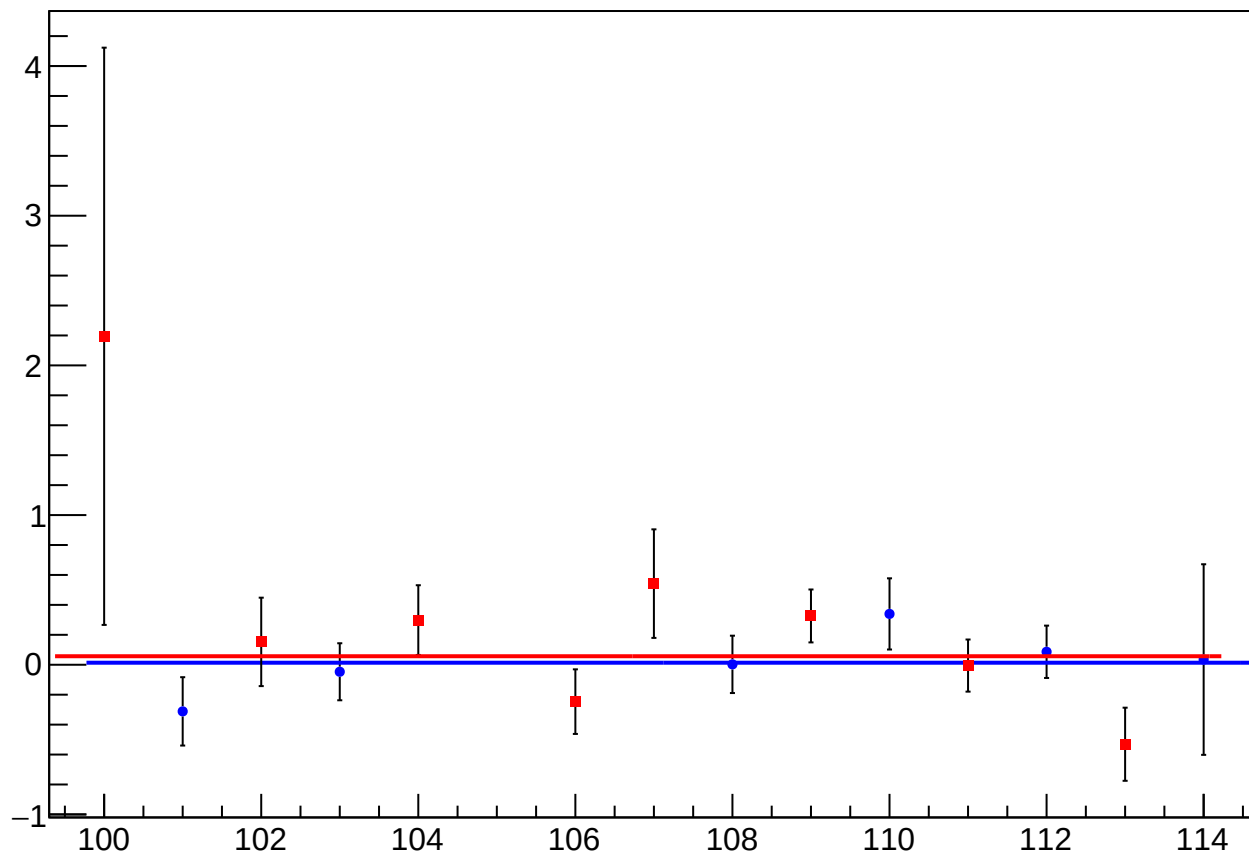
Right: 135.761+/-0.043 χ^2/NDF : 401825.9/13

In: 137.101+/-0.063 χ^2/NDF : 139482.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.761+/-0.043 χ^2/NDF : 401825.9/13

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.089 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.084 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

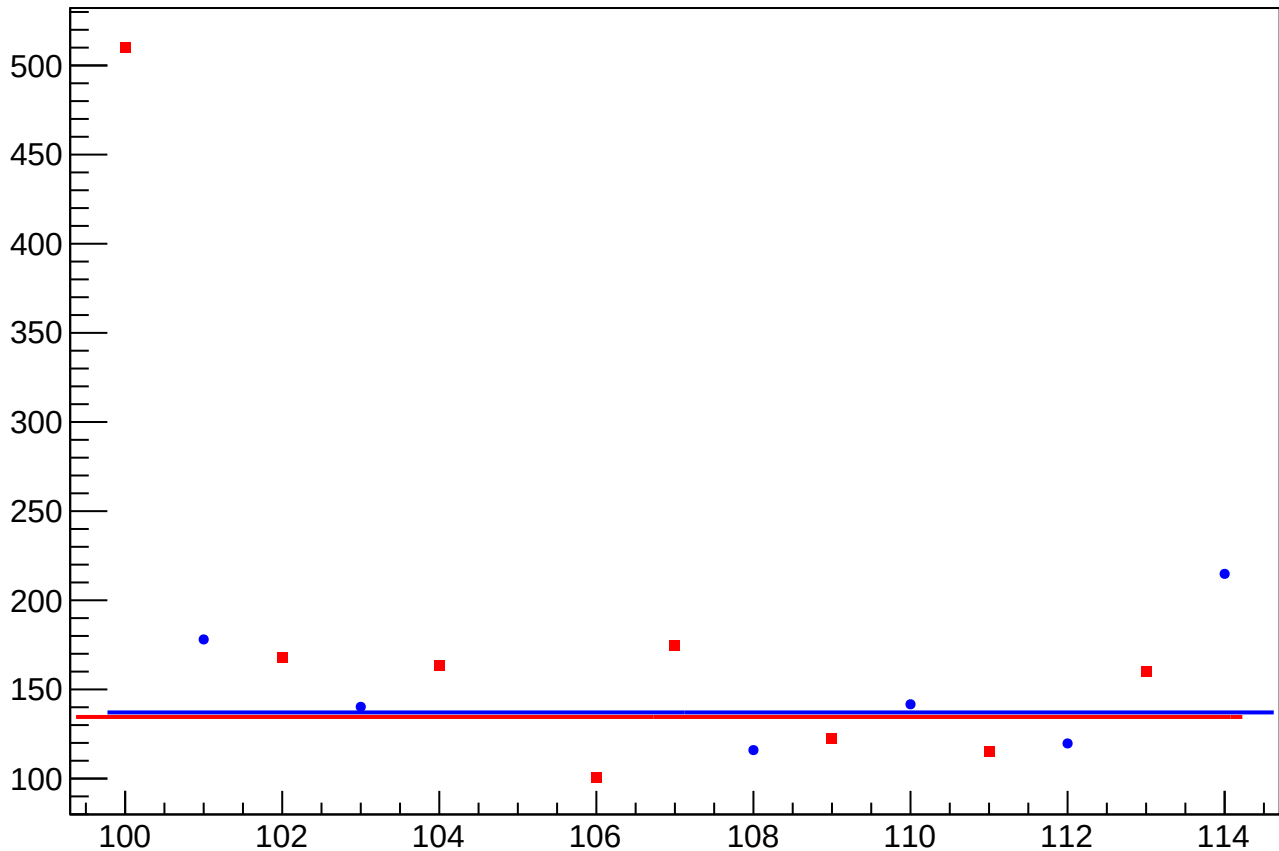
Right: 0.036+/-0.061 χ^2/NDF : 18.7/13

In: 0.014+/-0.089 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.061 χ^2/NDF : 18.7/13

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.101+/-0.063 χ^2/NDF : 139482.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.555+/-0.060 χ^2/NDF : 261477.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

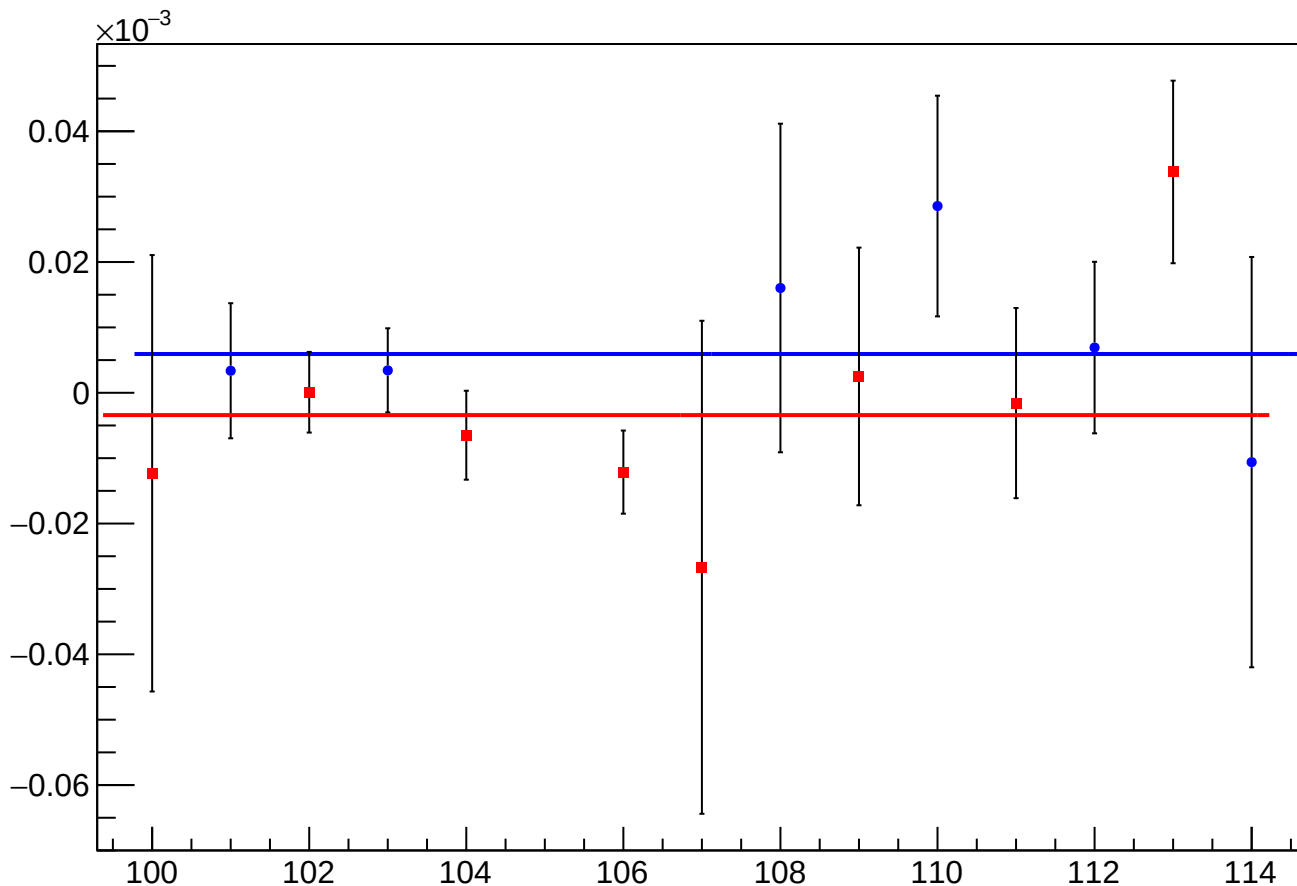
Right: 135.761+/-0.043 χ^2/NDF : 401825.9/13

In: 137.101+/-0.063 χ^2/NDF : 139482.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.761+/-0.043 χ^2/NDF : 401825.9/13

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

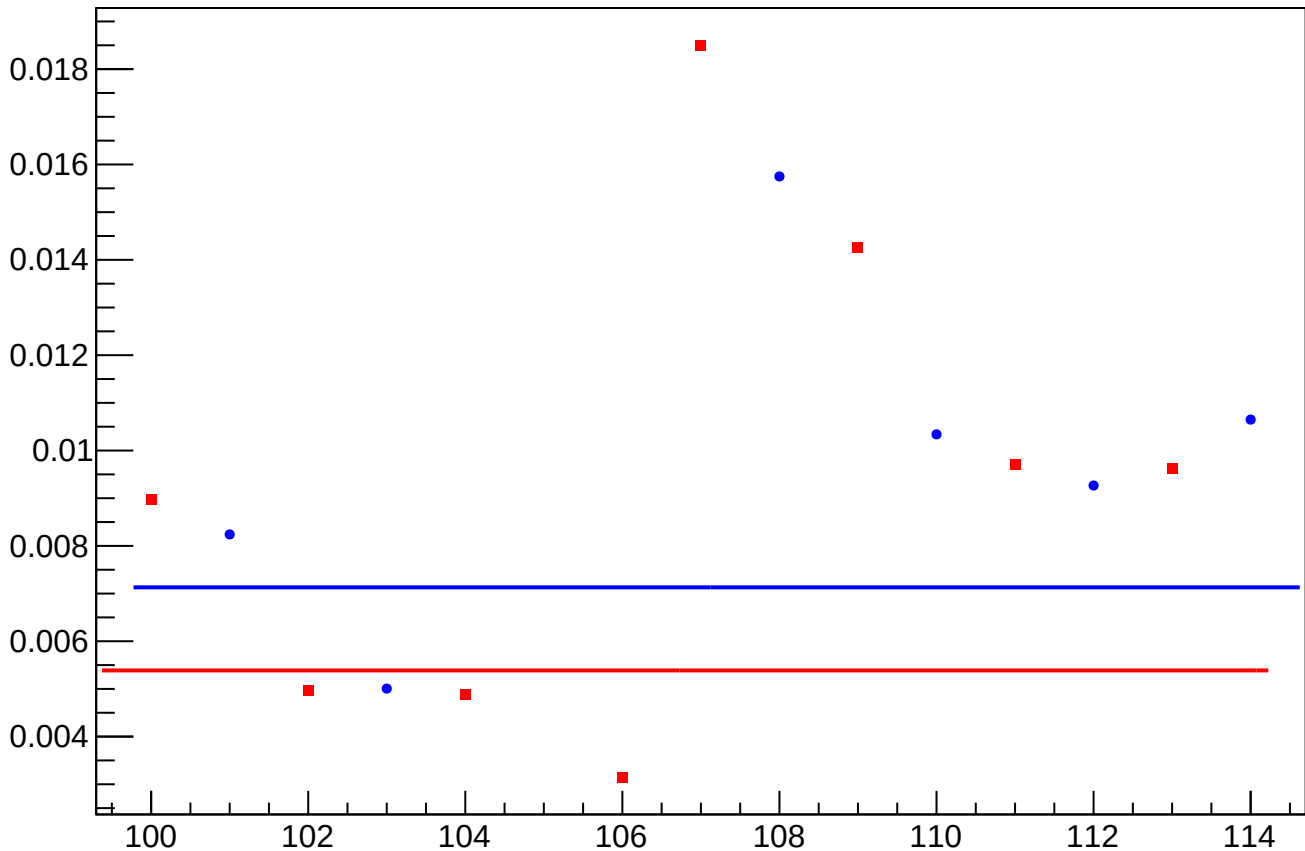
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/13

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

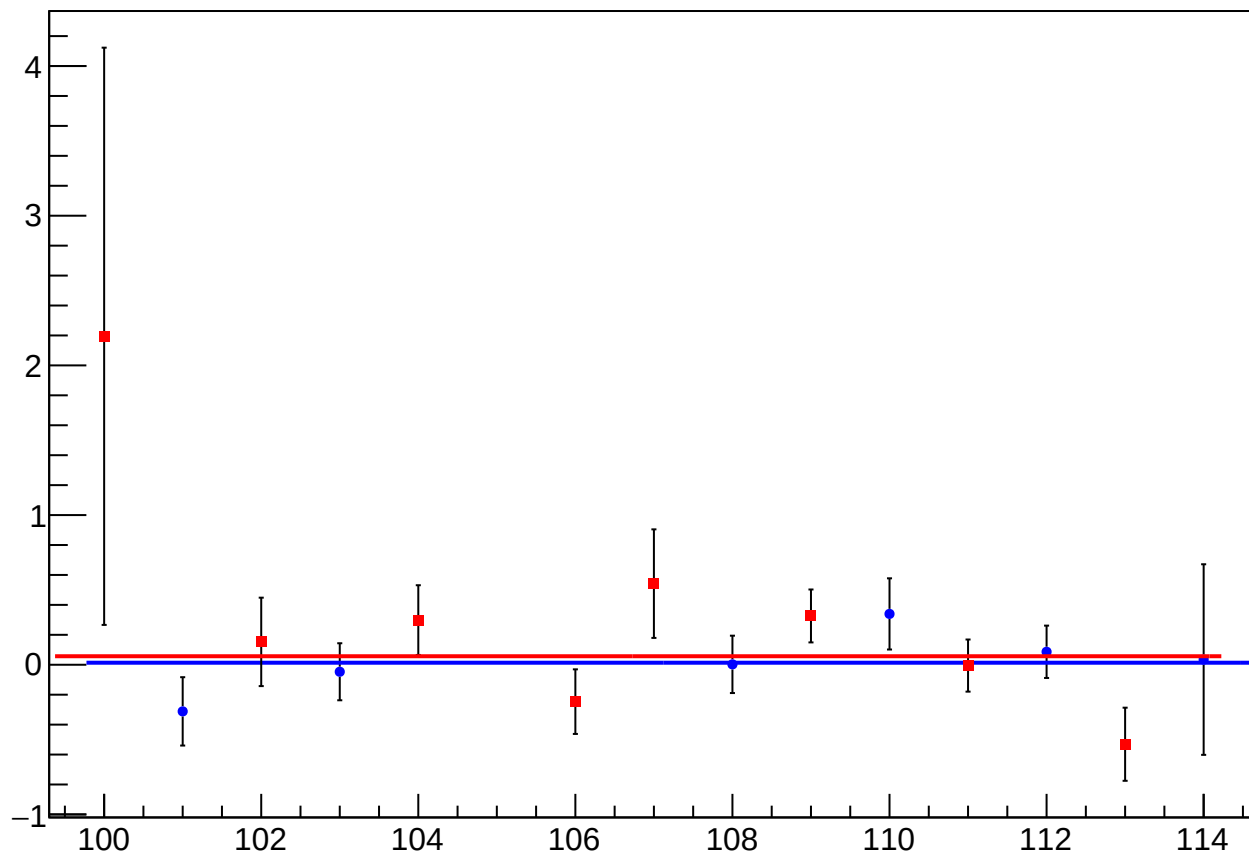
Right: 0.006+/-0.000 χ^2/NDF : 2108567.5/13

In: 0.007+/-0.000 χ^2/NDF :626664.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2108567.5/13

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.089 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.057+/-0.084 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

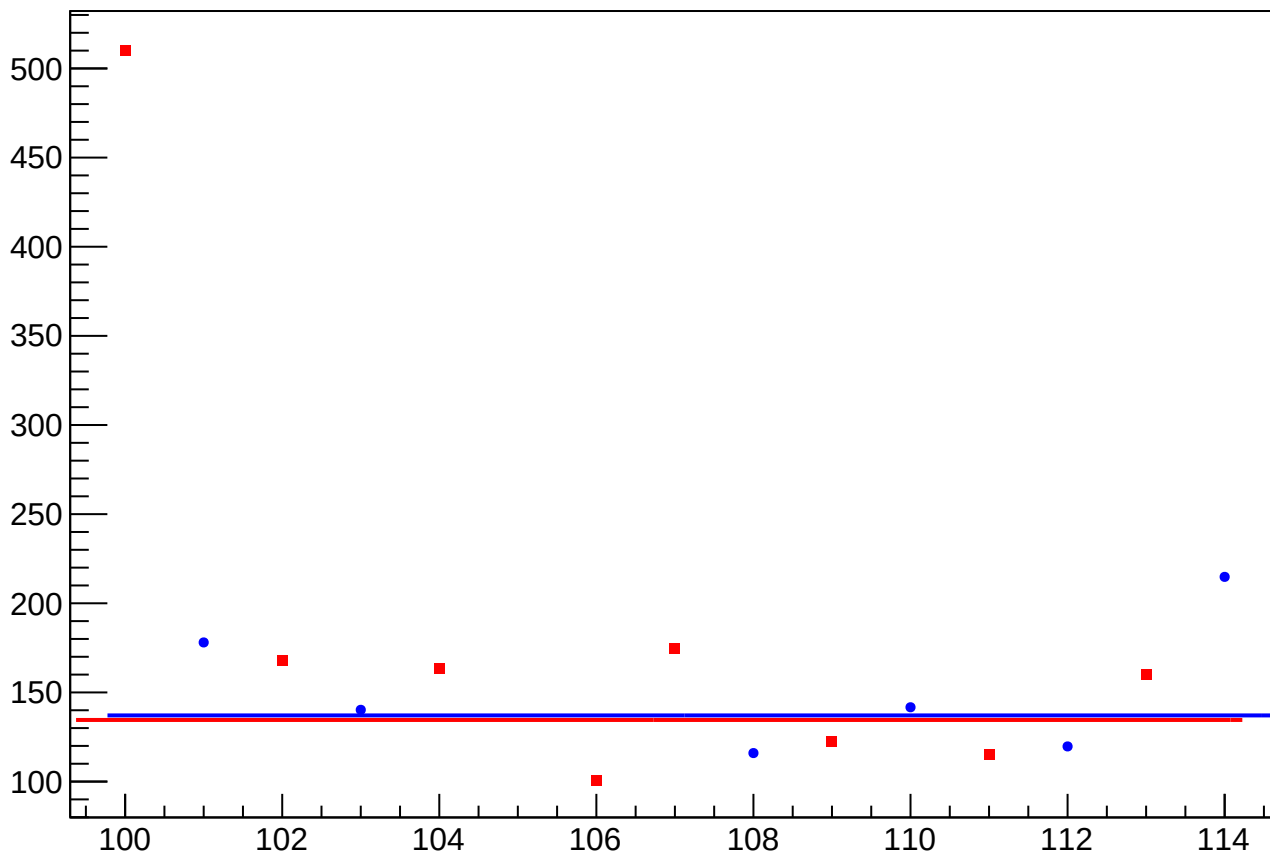
Right: 0.036+/-0.061 χ^2/NDF : 18.7/13

In: 0.014+/-0.089 χ^2/NDF :4.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.061 χ^2/NDF : 18.7/13

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.106+/-0.063 χ^2/NDF : 139441.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.556+/-0.060 χ^2/NDF : 261462.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

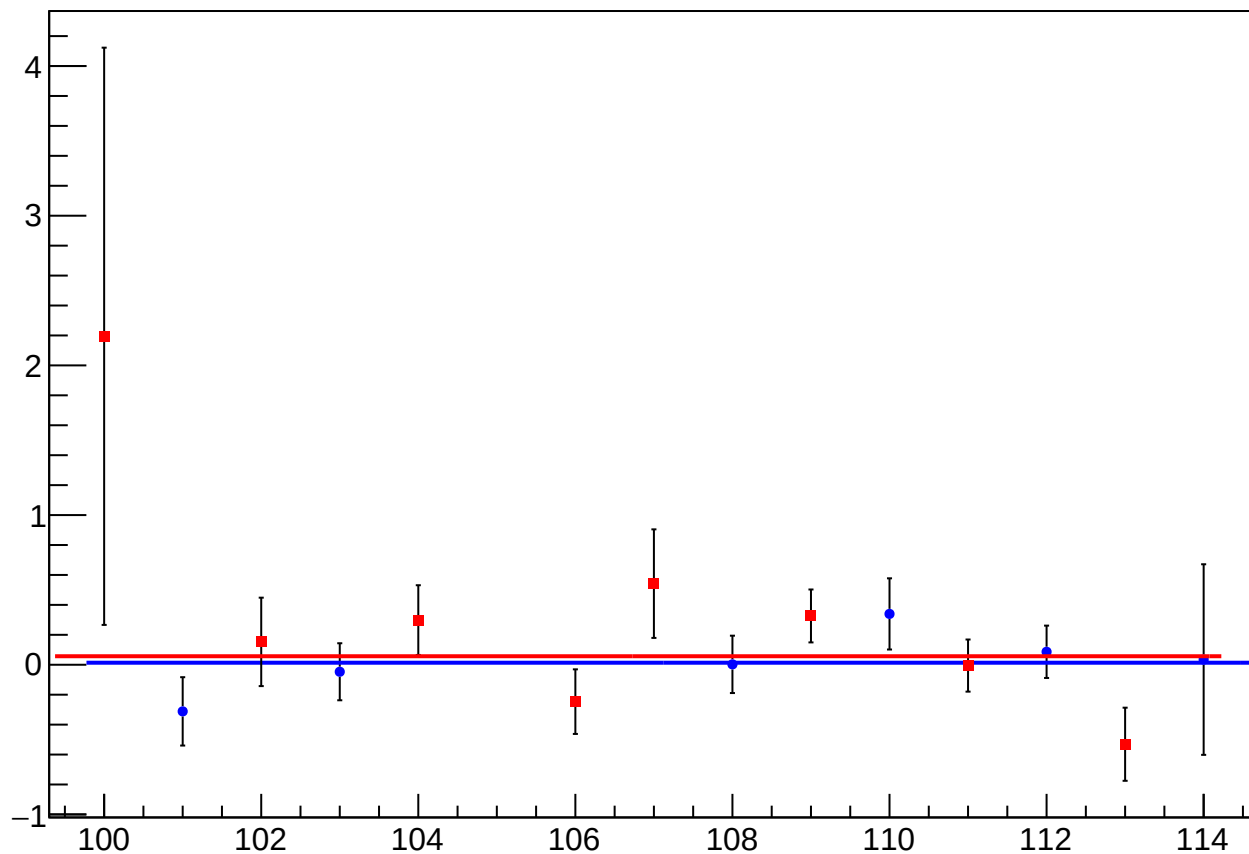
Right: 135.763+/-0.043 χ^2/NDF : 401771.7/13

In: 137.106+/-0.063 χ^2/NDF : 139441.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.763+/-0.043 χ^2/NDF : 401771.7/13

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.089 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.057+/-0.084 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

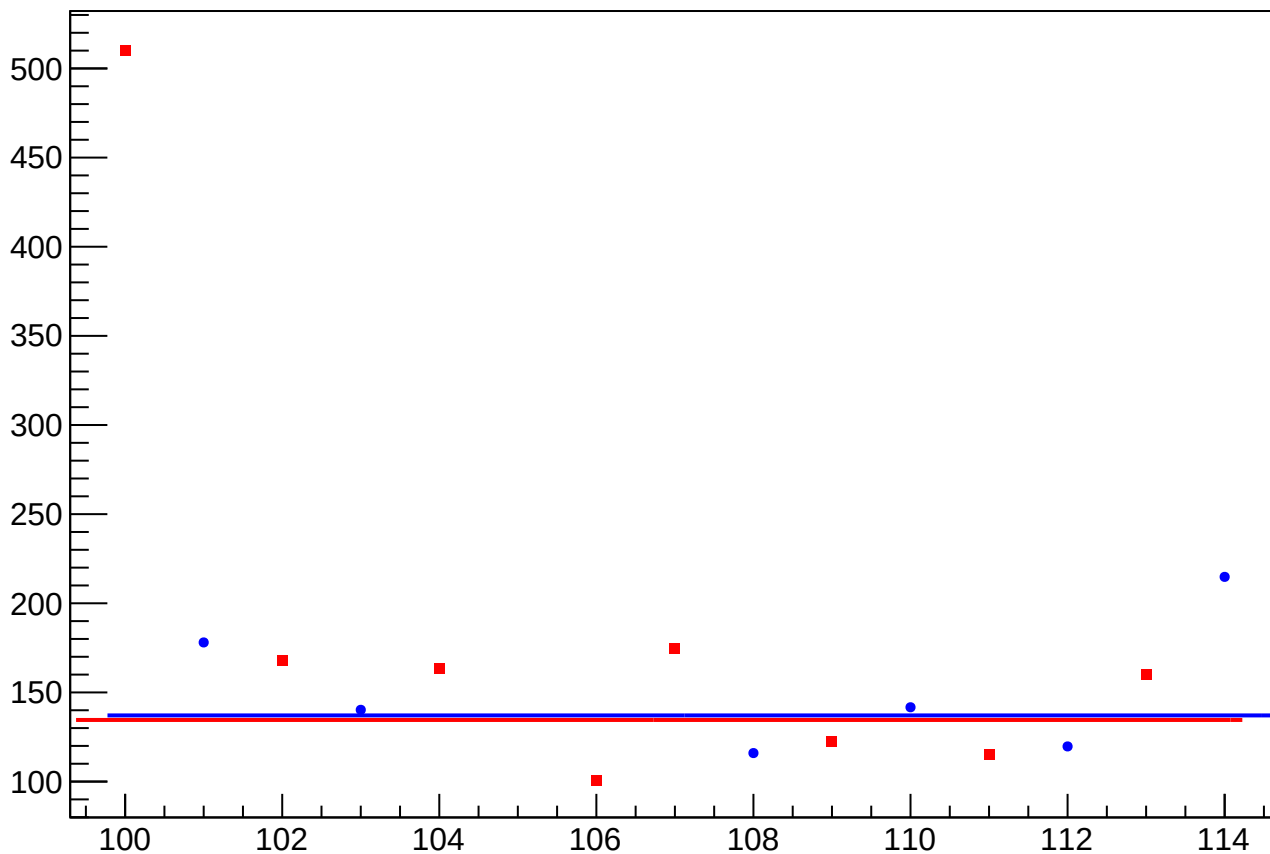
Right: 0.036+/-0.061 χ^2/NDF : 18.7/13

In: 0.014+/-0.089 χ^2/NDF :4.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.061 χ^2/NDF : 18.7/13

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.106+/-0.063 χ^2/NDF : 139441.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.556+/-0.060 χ^2/NDF : 261462.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

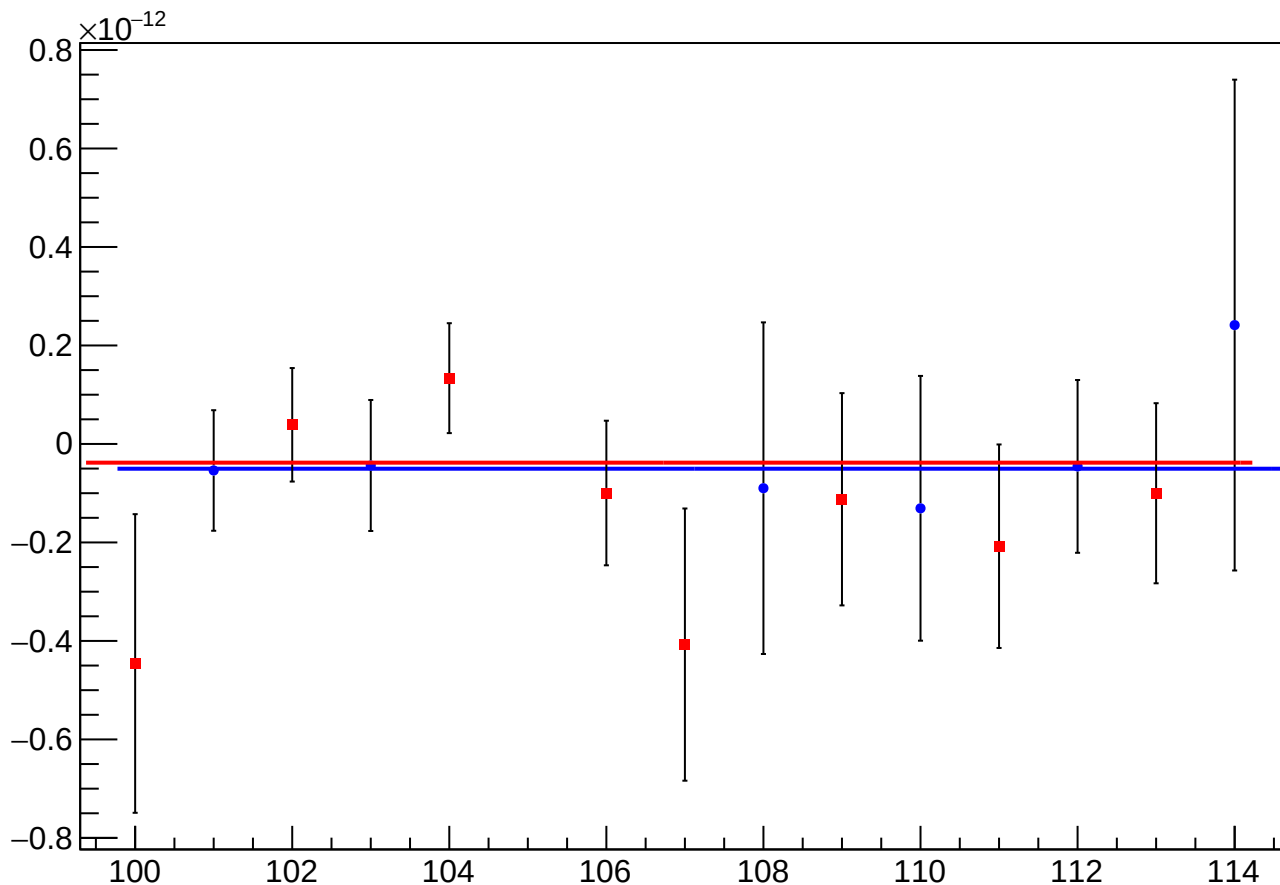
Right: 135.763+/-0.043 χ^2/NDF : 401771.7/13

In: 137.106+/-0.063 χ^2/NDF : 139441.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.763+/-0.043 χ^2/NDF : 401771.7/13

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

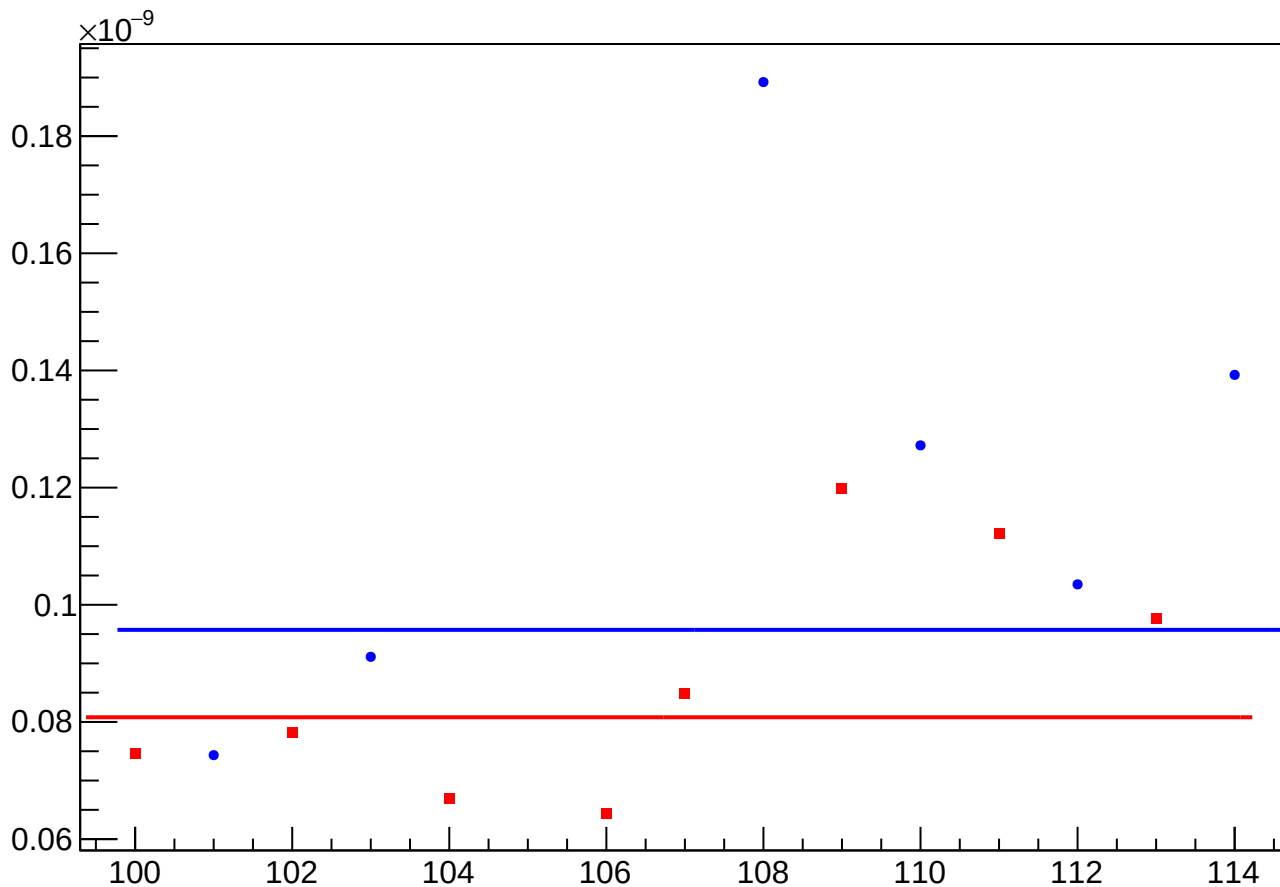
Right: -0.000+/-0.000 χ^2/NDF : 8.0/13

In: -0.000+/-0.000 χ^2/NDF : 0.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.0/13

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

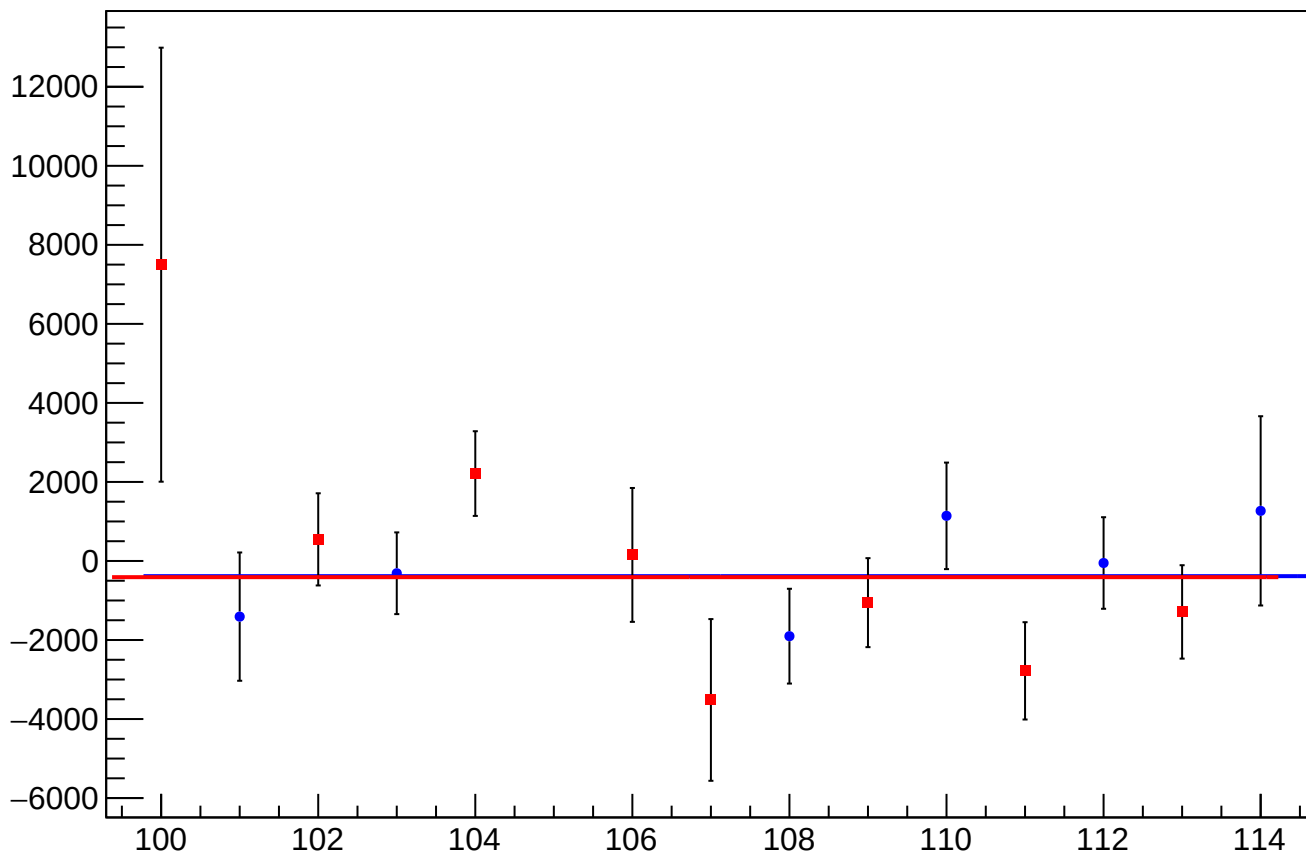
Right: 0.000+/-0.000 χ^2/NDF : 501705.0/13

In: 0.000+/-0.000 χ^2/NDF : 264306.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 501705.0/13

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

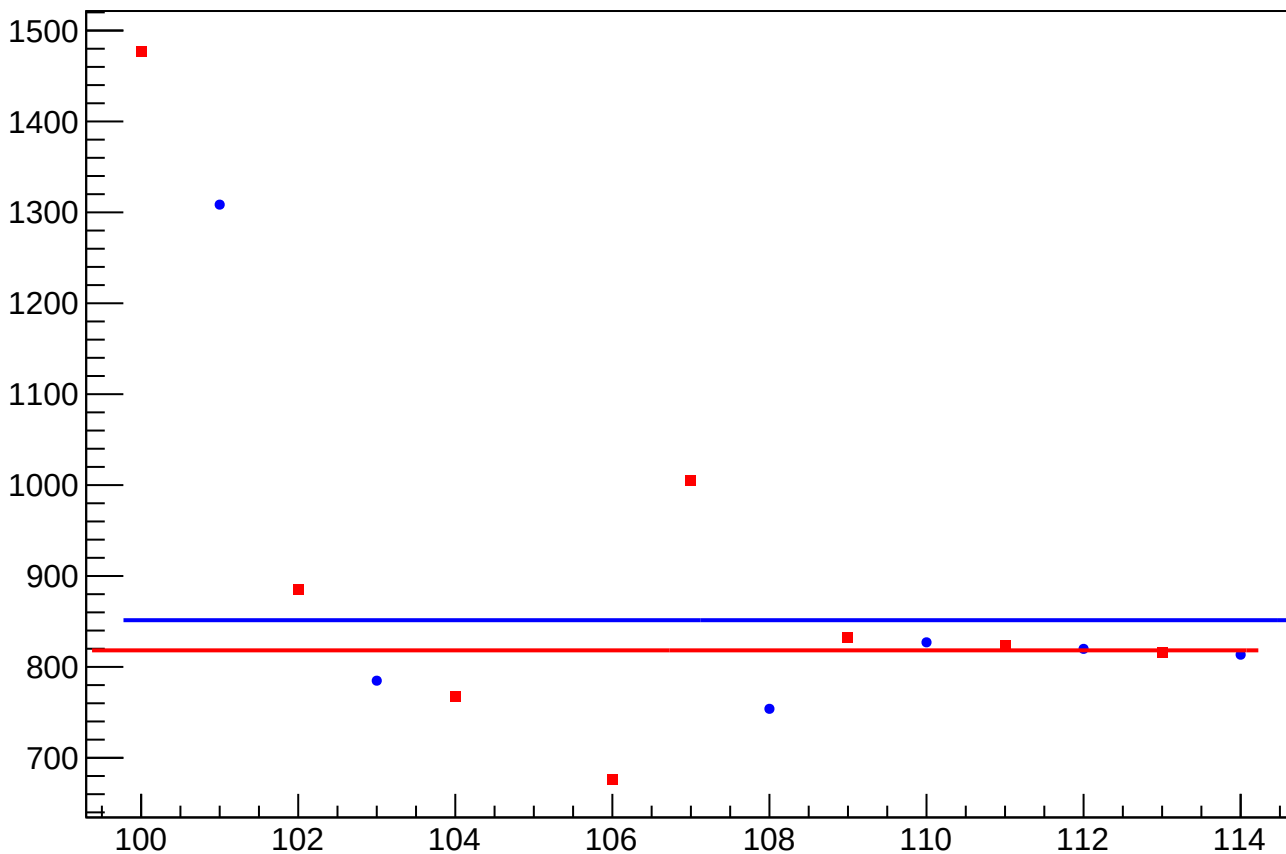
Right: -398.408+/-356.461 χ^2 /NDF: 19.6/13

In: -384.143+/-536.099 χ^2 /NDF:3.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -398.408+/-356.461 χ^2 /NDF: 19.6/13

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

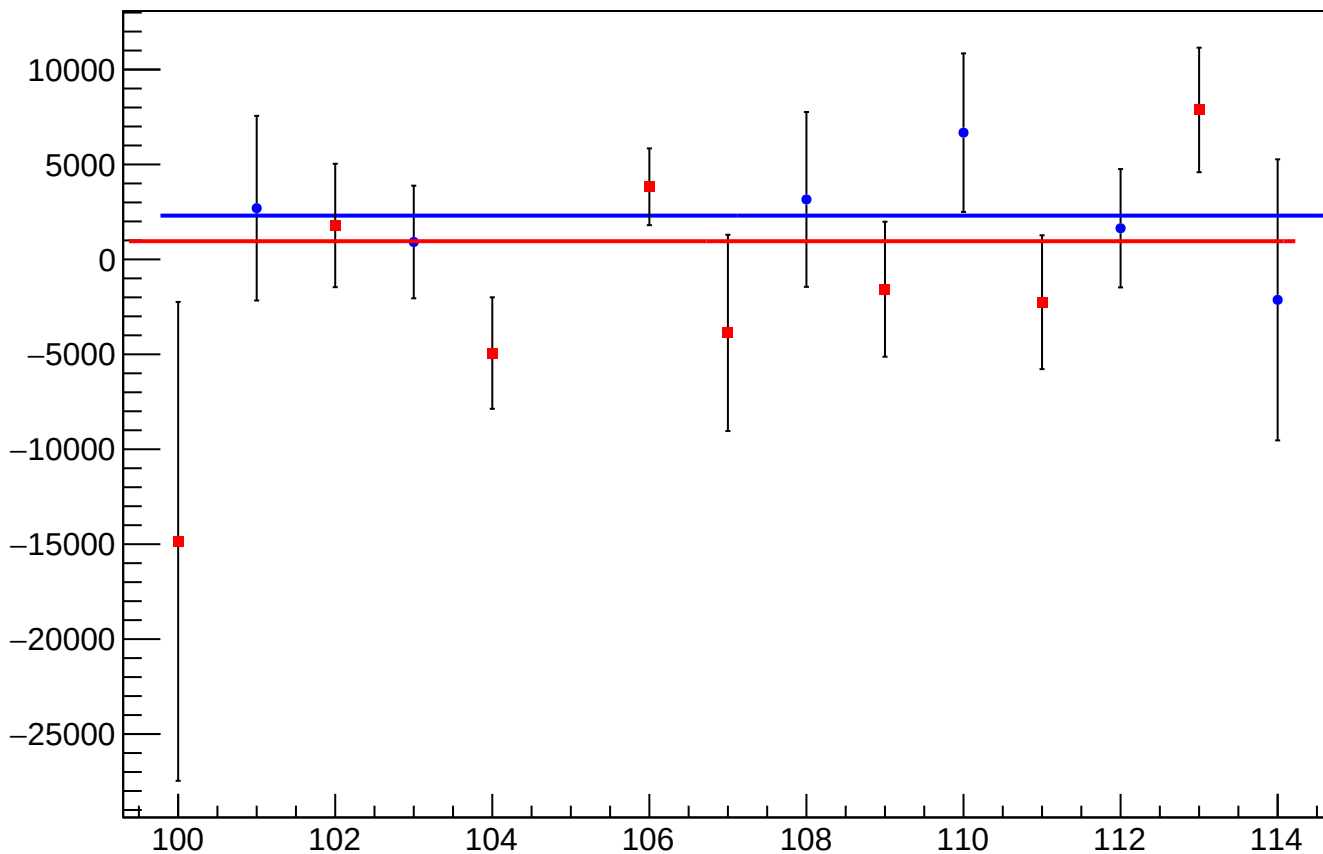
Right: 832.439+/-0.248 χ^2/NDF : 267943.4/13

In: 851.385+/-0.379 χ^2/NDF : 182722.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.439+/-0.248 χ^2/NDF : 267943.4/13

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2306.026+/-1618.581 χ^2/NDF : 1.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.796+/-1153.458 χ^2/NDF : 14.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

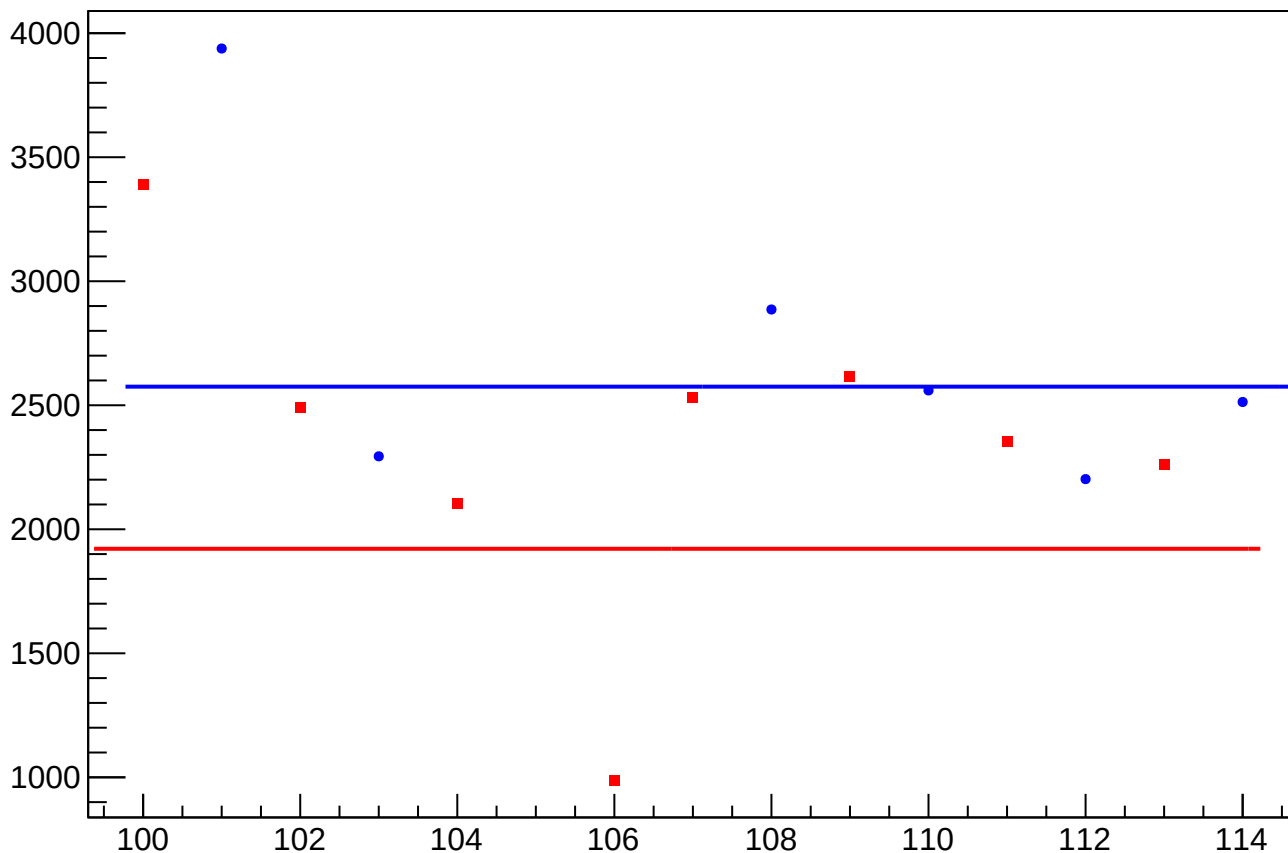
Right: 1411.885+/-939.340 χ^2/NDF : 16.5/13

In: 2306.026+/-1618.581 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.885+/-939.340 χ^2/NDF : 16.5/13

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

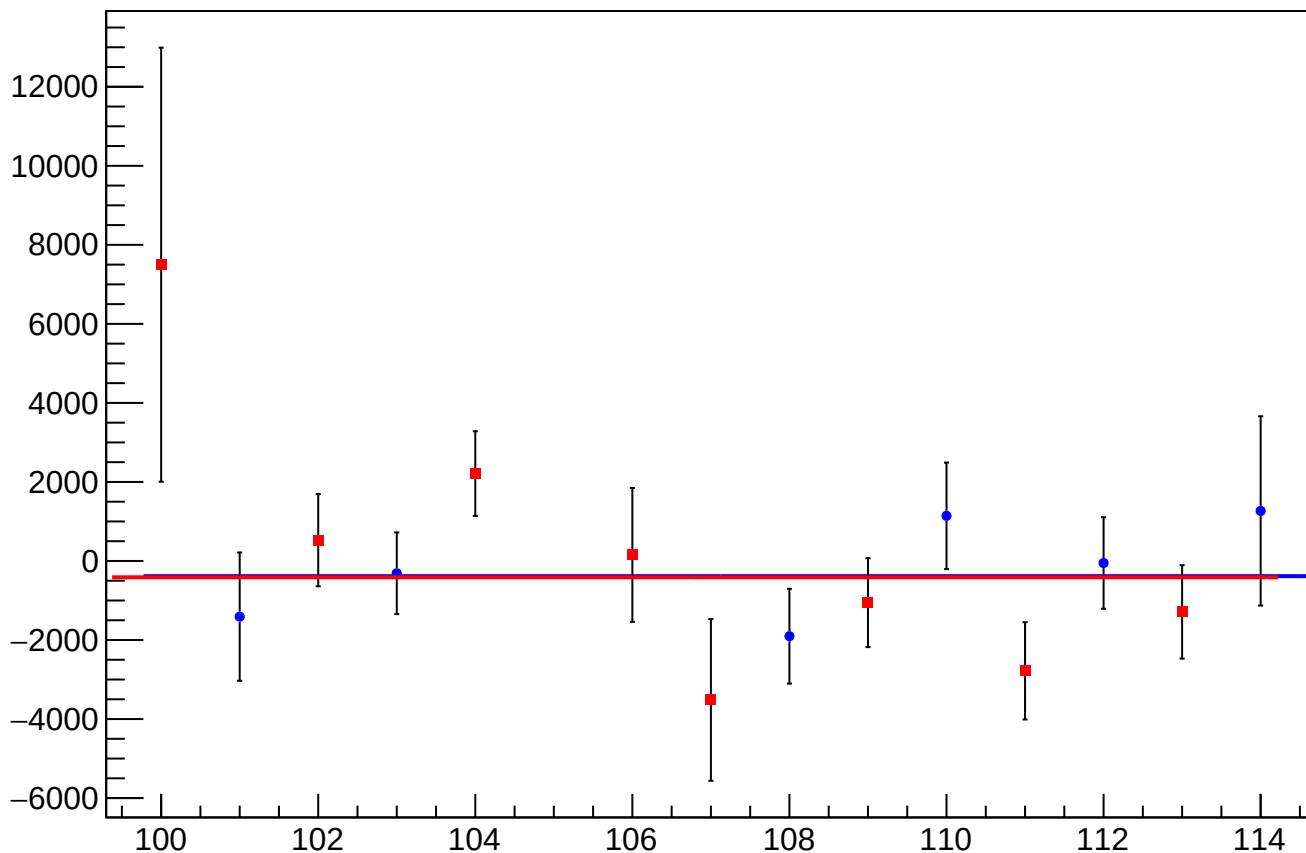
Right: 2141.558+/-0.664 χ^2/NDF : 1108528.7/13

In: 2575.021+/-1.145 χ^2/NDF :212955.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2141.558+/-0.664 χ^2/NDF : 1108528.7/13

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

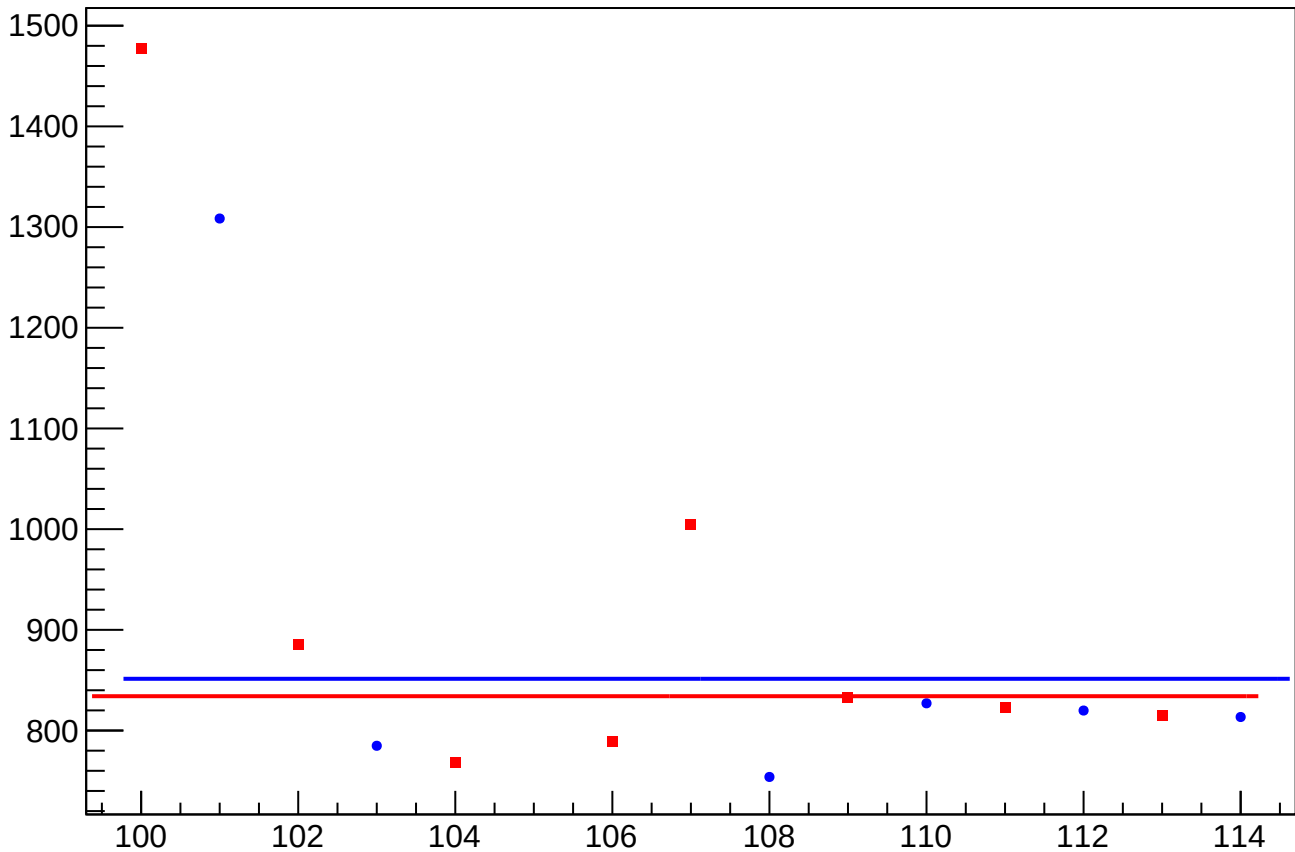
Right: -400.496+/-356.467 χ^2/NDF : 19.6/13

In: -384.287+/-536.099 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -400.496+/-356.467 χ^2/NDF : 19.6/13

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.385+/-0.379 χ^2/NDF : 182721.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.092+/-0.334 χ^2/NDF : 55345.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

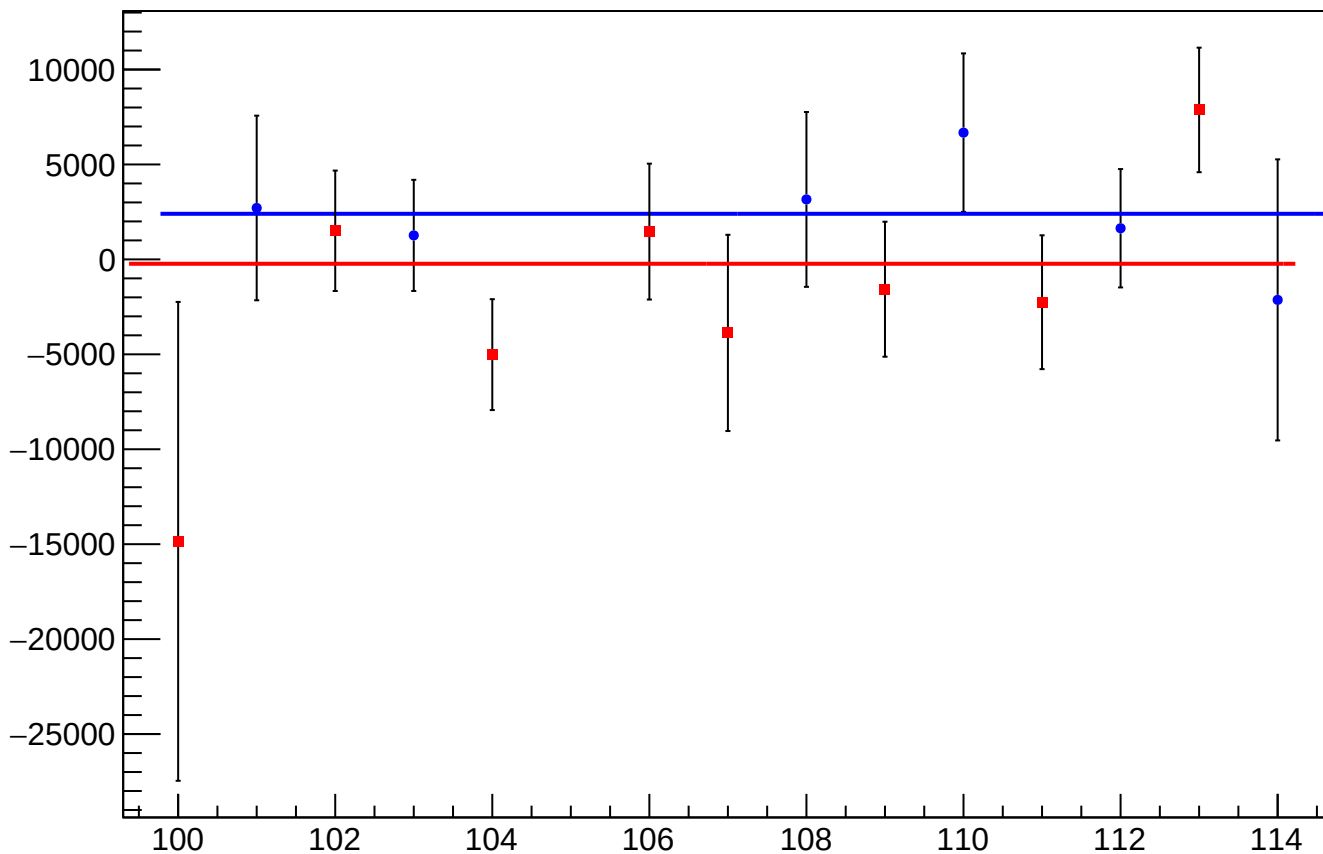
Right: 841.641+/-0.250 χ^2/NDF : 239239.7/13

In: 851.385+/-0.379 χ^2/NDF : 182721.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 841.641+/-0.250 χ^2/NDF : 239239.7/13

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

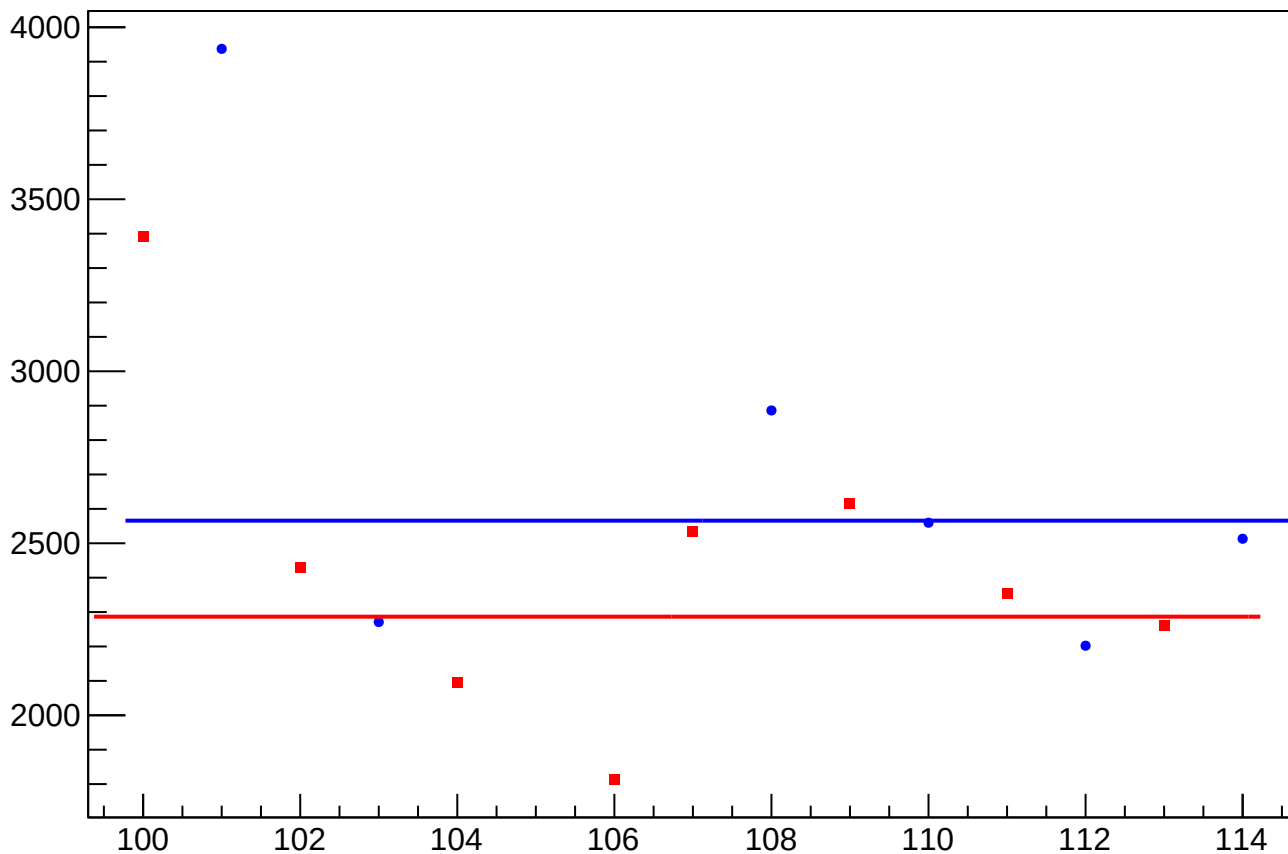
Right: 807.047+/-1012.304 χ^2/NDF : 14.9/13

In: 2401.566+/-1612.168 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 807.047+/-1012.304 χ^2/NDF : 14.9/13

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

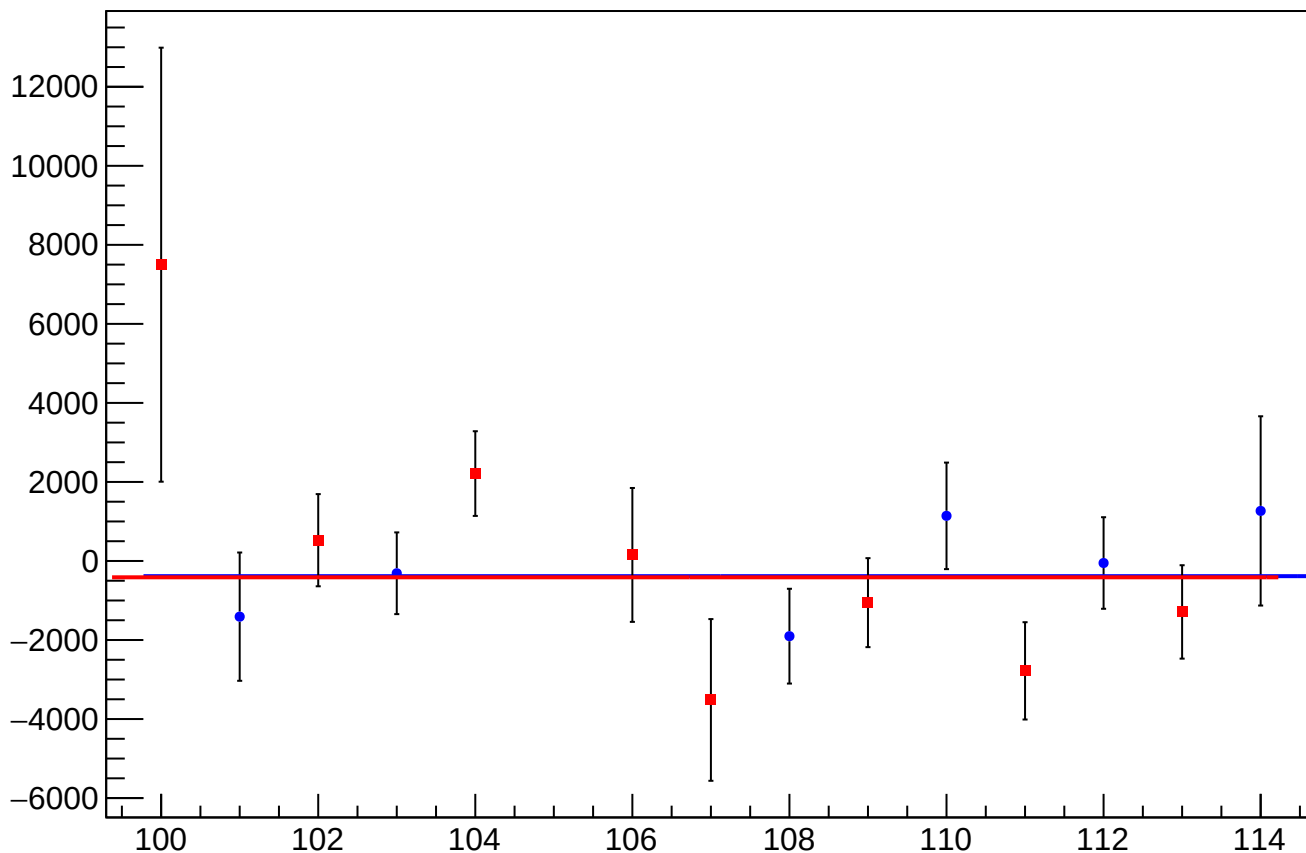
Right: 2396.745+/-0.716 χ^2/NDF : 338644.8/13

In: 2565.771+/-1.140 χ^2/NDF : 216375.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.745+/-0.716 χ^2/NDF : 338644.8/13

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

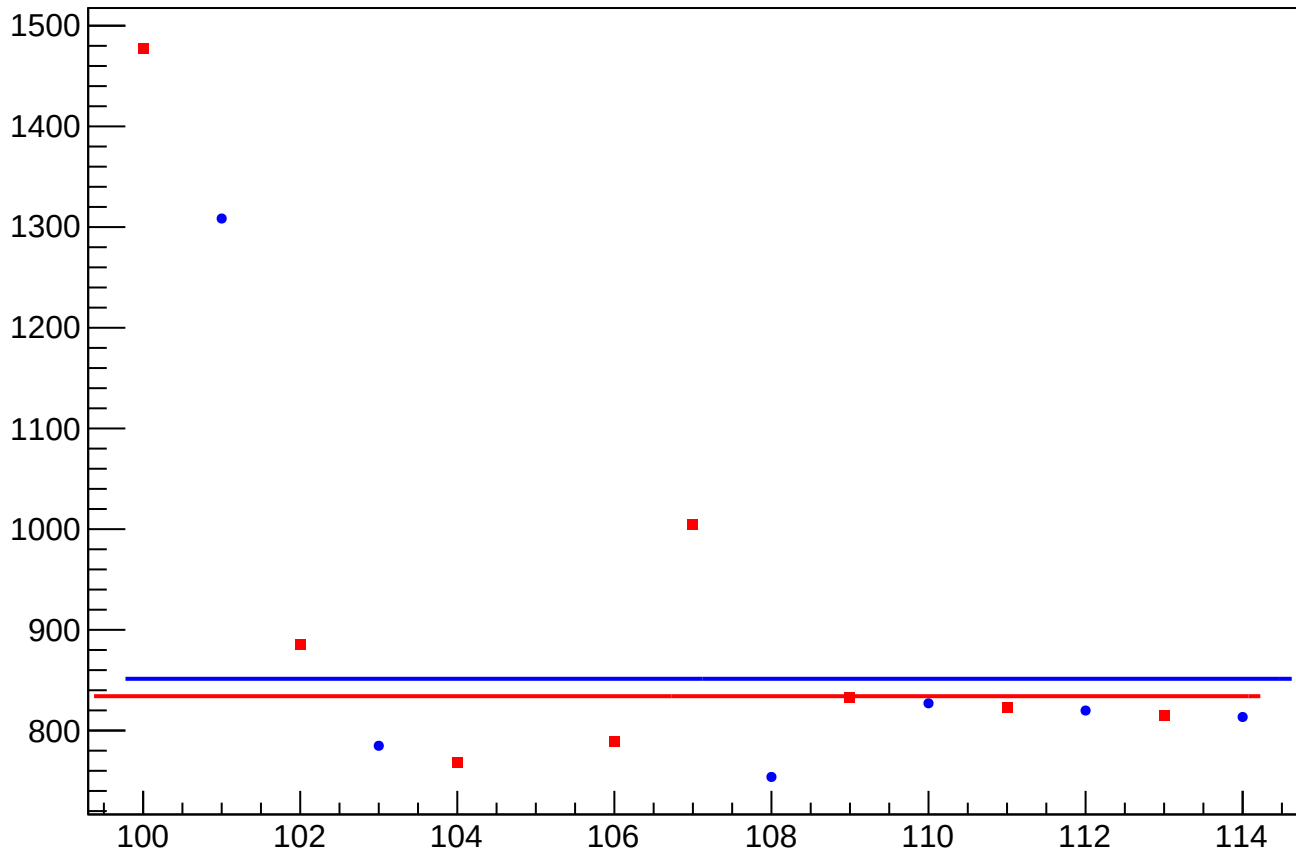
Right: -400.496+/-356.467 χ^2 /NDF: 19.6/13

In: -384.287+/-536.099 χ^2 /NDF:3.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -400.496+/-356.467 χ^2 /NDF: 19.6/13

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.385+/-0.379 χ^2/NDF : 182721.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.092+/-0.334 χ^2/NDF : 55345.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

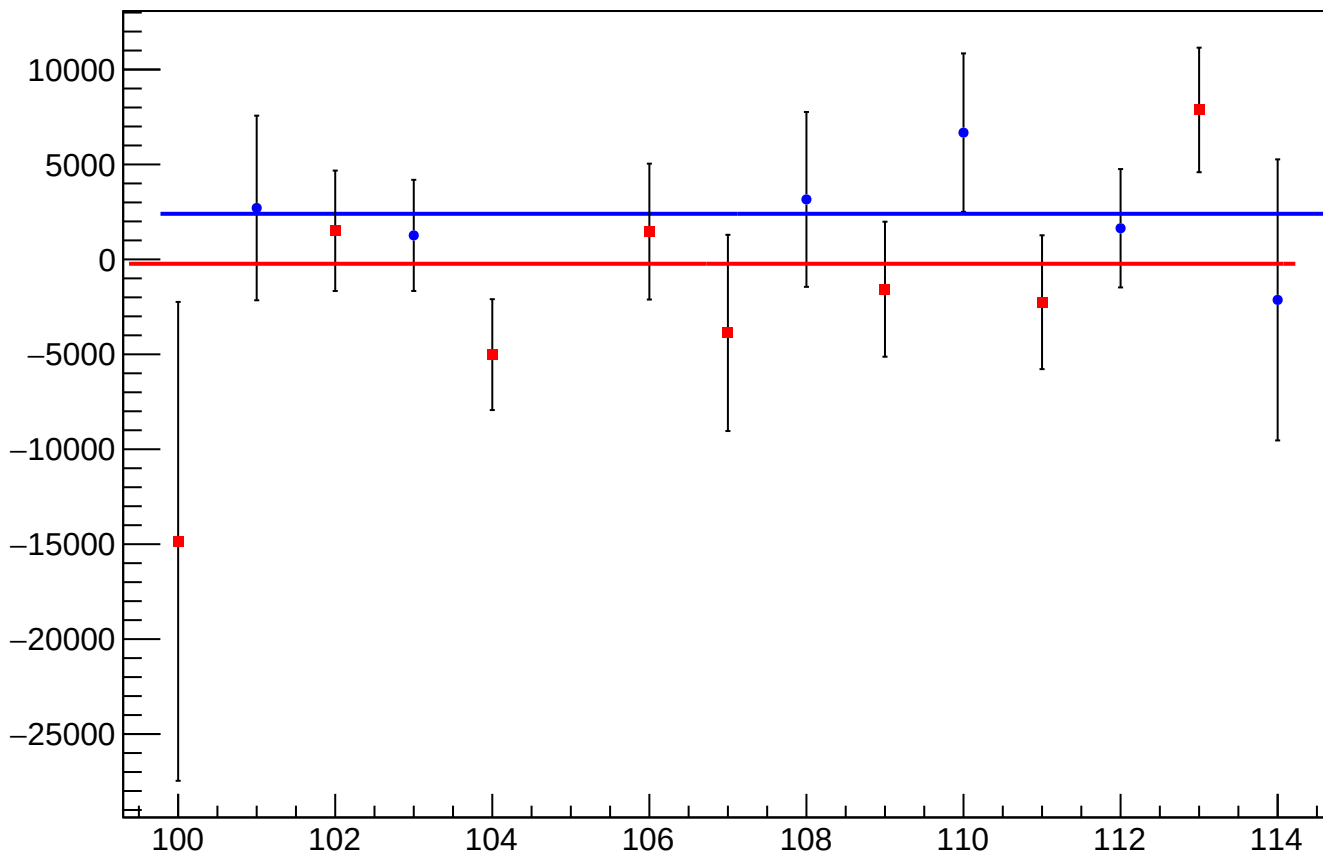
Right: 841.641+/-0.250 χ^2/NDF : 239239.7/13

In: 851.385+/-0.379 χ^2/NDF : 182721.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 841.641+/-0.250 χ^2/NDF : 239239.7/13

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2401.566 $\pm$ 1612.168 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -230.855 $\pm$ 1300.690 χ^2 /NDF: 11.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

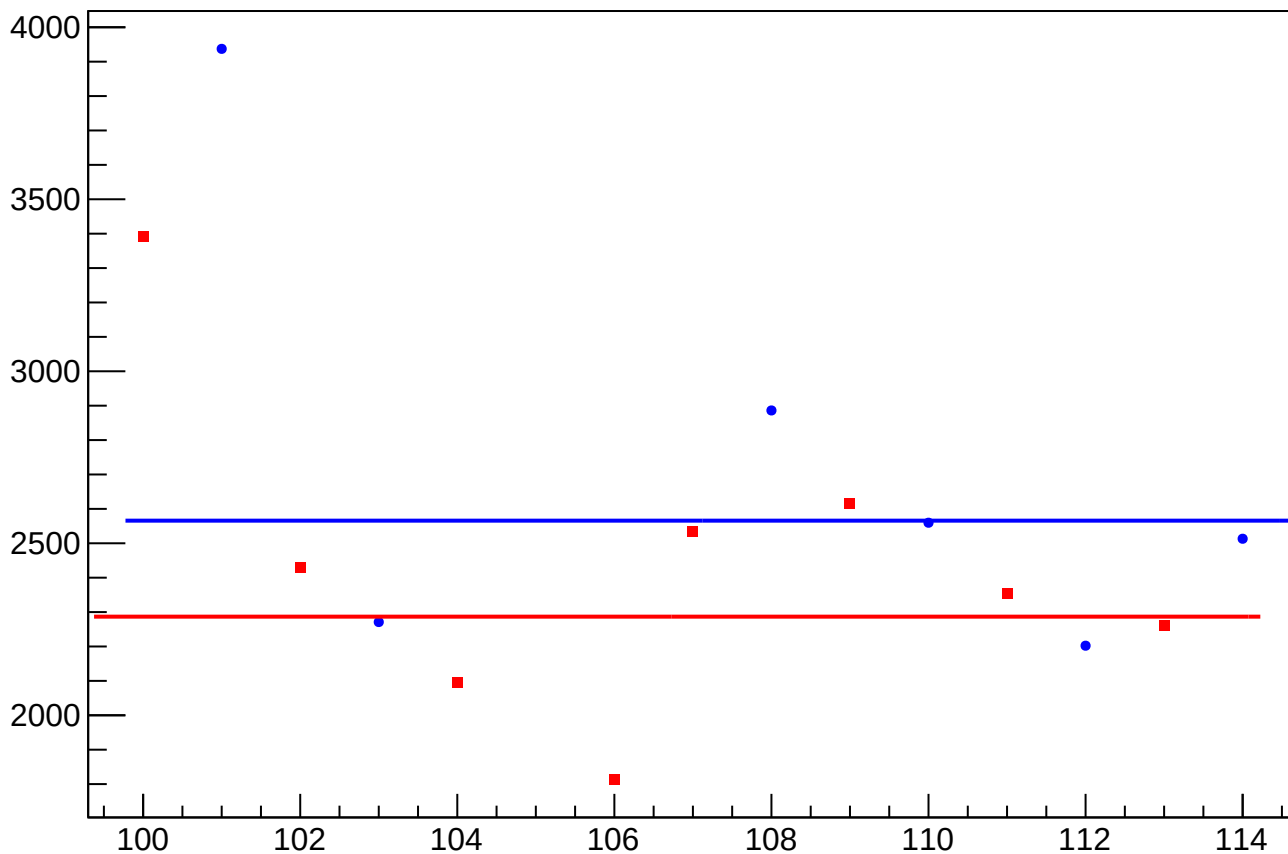
Right: 807.047 $\pm$ 1012.304 χ^2 /NDF: 14.9/13

In: 2401.566 $\pm$ 1612.168 χ^2 /NDF:1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 807.047 $\pm$ 1012.304 χ^2 /NDF: 14.9/13

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

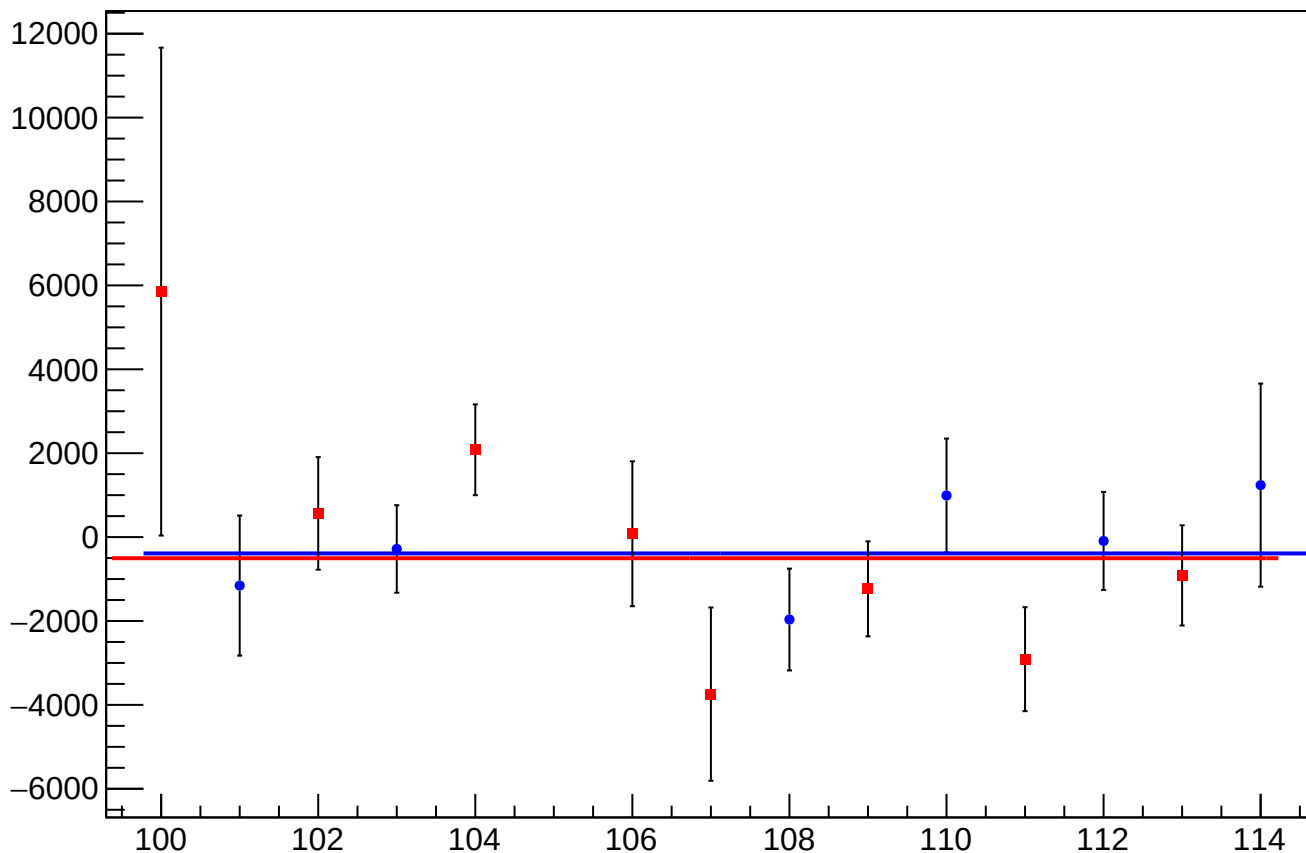
Right: 2396.745+/-0.716 χ^2/NDF : 338644.8/13

In: 2565.771+/-1.140 χ^2/NDF : 216375.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.745+/-0.716 χ^2/NDF : 338644.8/13

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

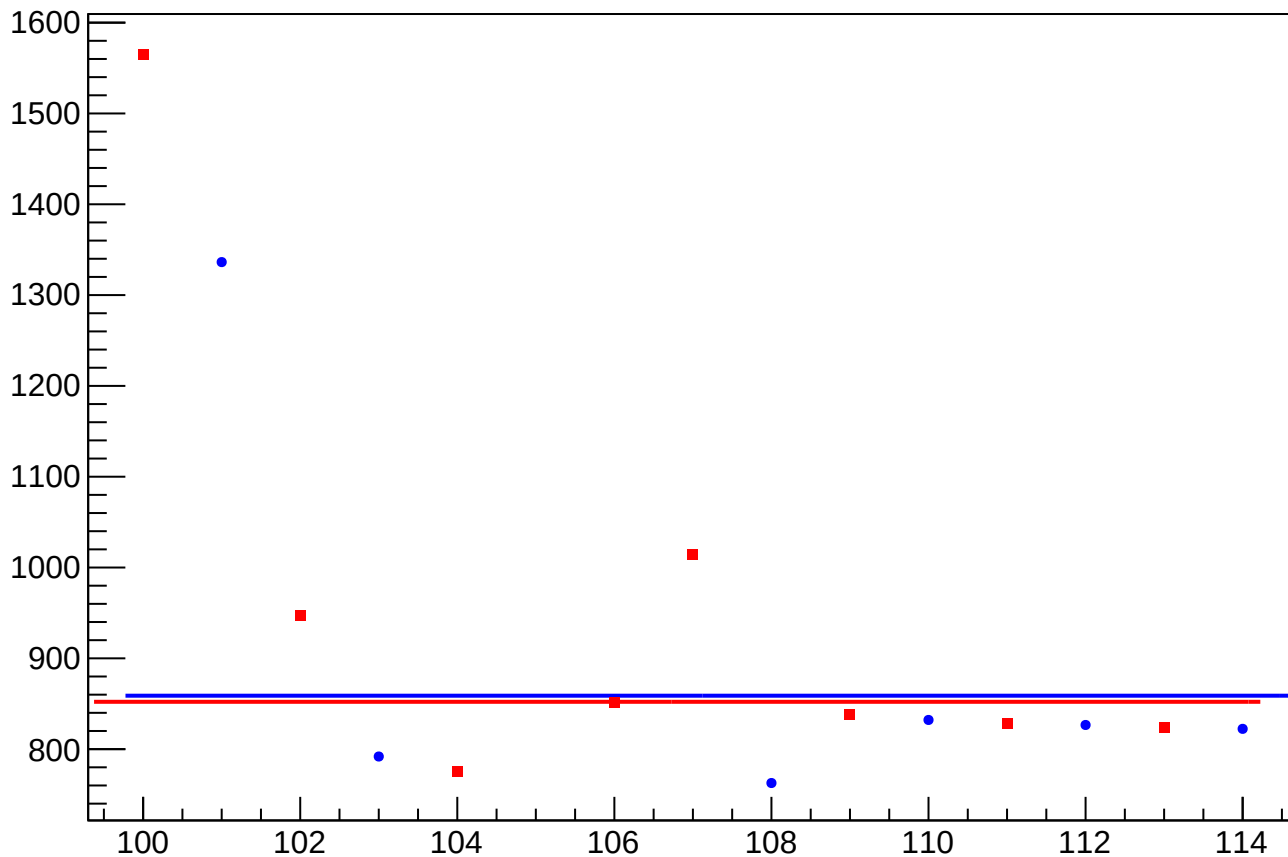
Right: -452.171 ± 364.114 χ^2/NDF : 17.9/13

In: -389.482 ± 542.043 χ^2/NDF : 3.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -452.171 ± 364.114 χ^2/NDF : 17.9/13

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 858.866+/-0.383 χ^2/NDF : 187047.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 852.147+/-0.347 χ^2/NDF : 64703.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

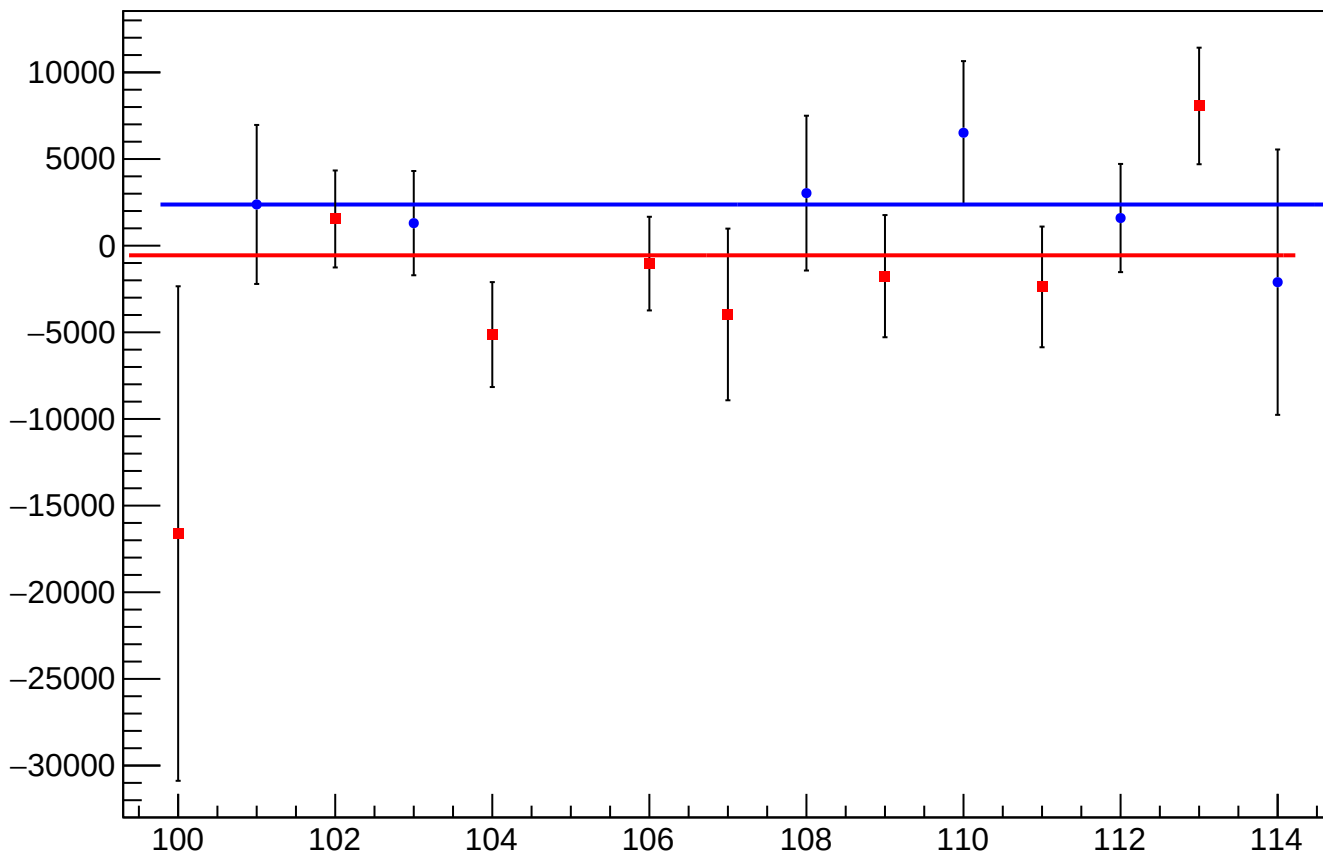
Right: 855.172+/-0.257 χ^2/NDF : 251920.6/13

In: 858.866+/-0.383 χ^2/NDF : 187047.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.172+/-0.257 χ^2/NDF : 251920.6/13

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

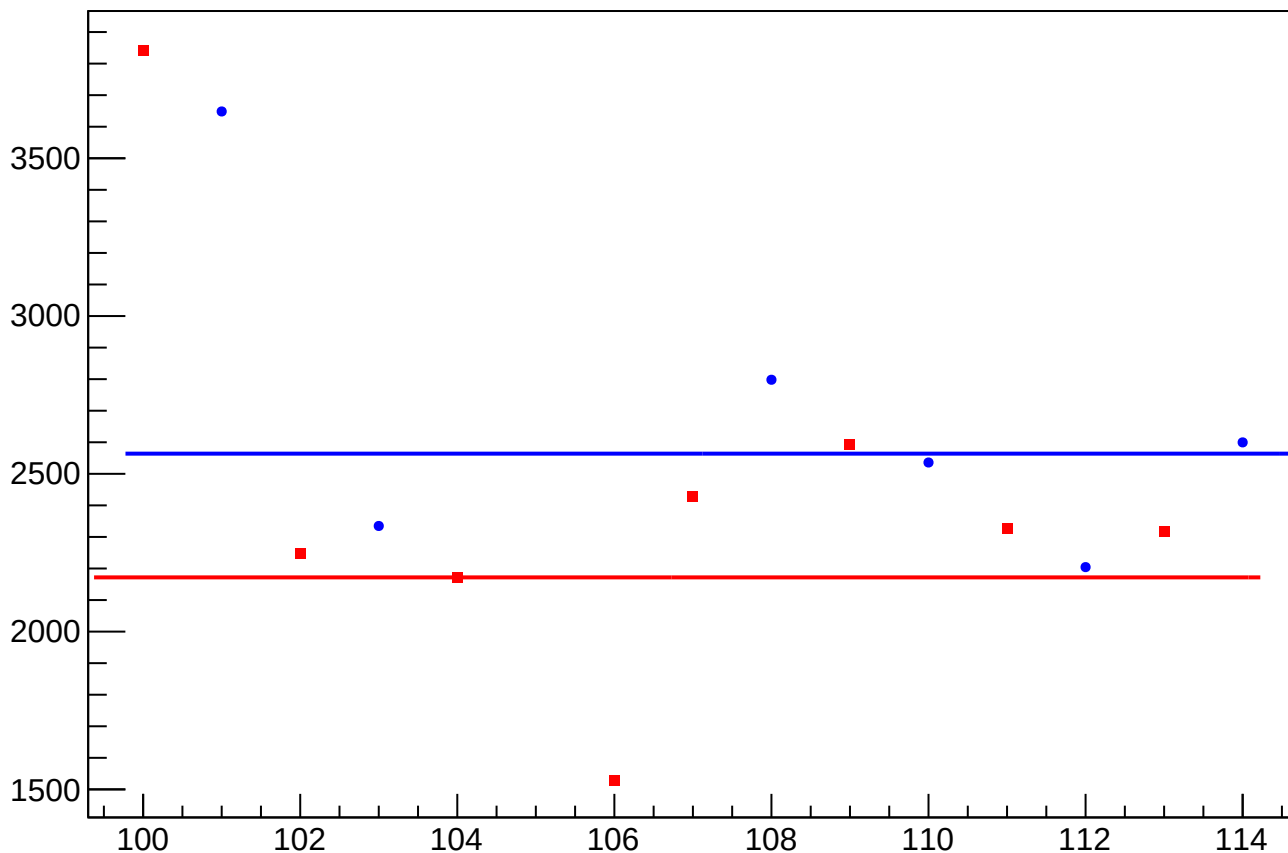
Right: 514.927+/-972.657 χ^2/NDF : 15.2/13

In: 2374.977+/-1609.002 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.927+/-972.657 χ^2/NDF : 15.2/13

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2563.953+/-1.138 χ^2/NDF : 155492.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.841+/-0.863 χ^2/NDF : 183635.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

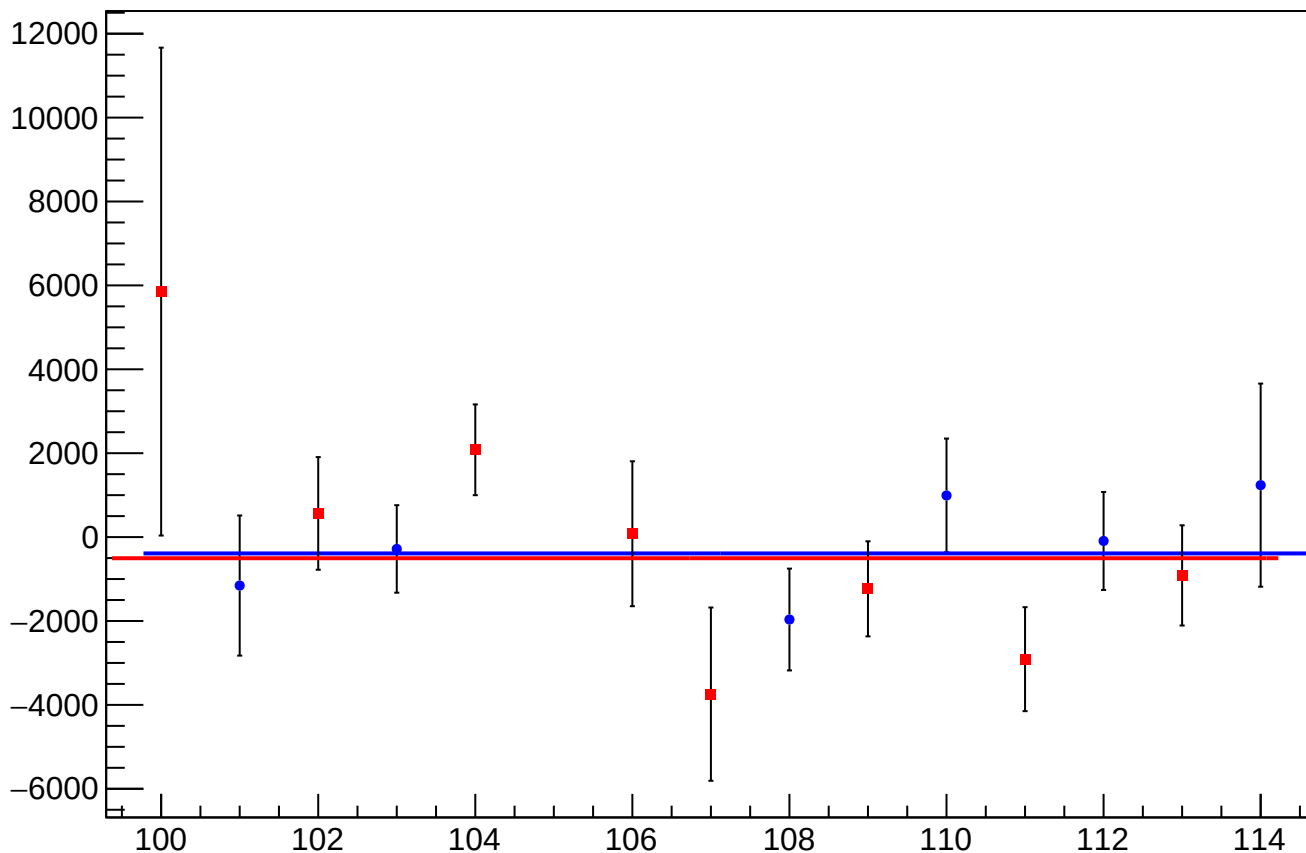
Right: 2315.131+/-0.688 χ^2/NDF : 414501.2/13

In: 2563.953+/-1.138 χ^2/NDF : 155492.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2315.131+/-0.688 χ^2/NDF : 414501.2/13

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

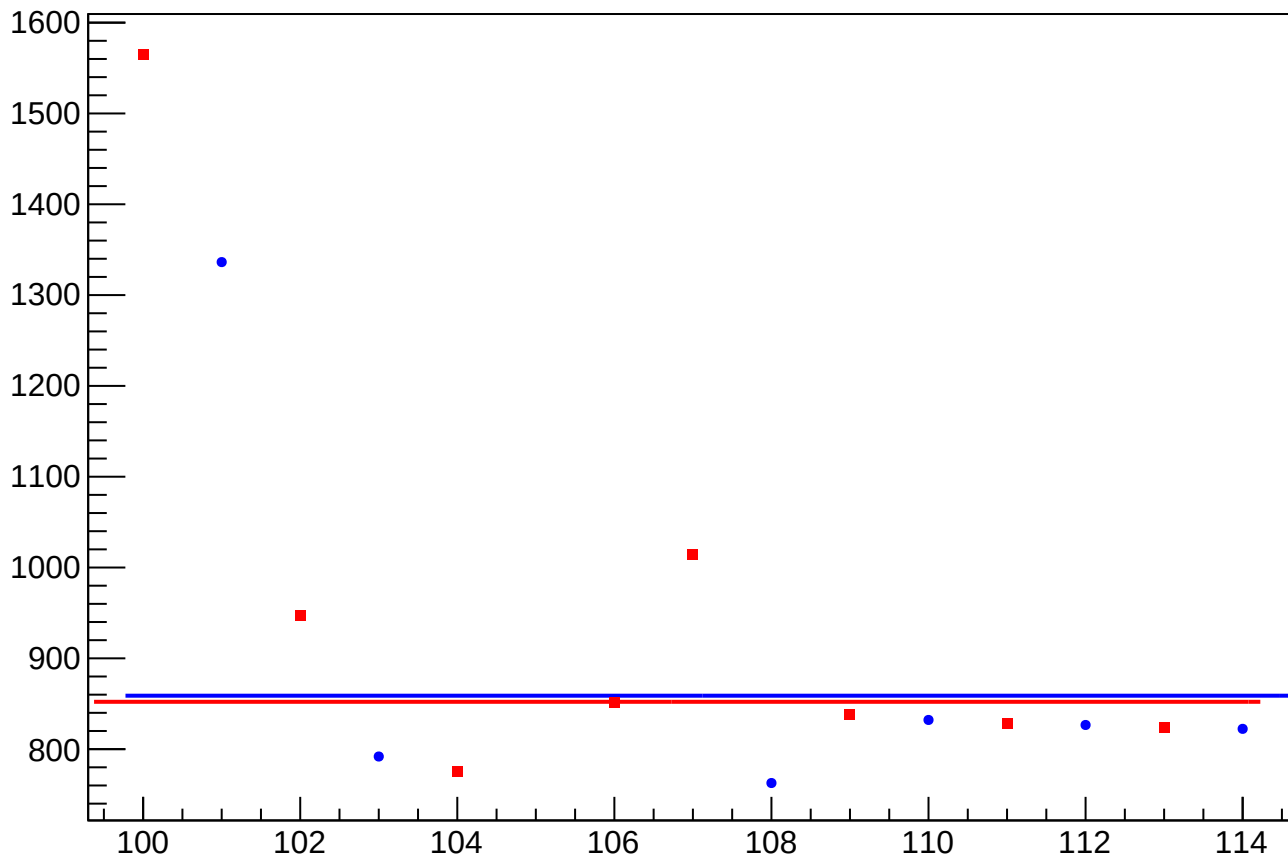
Right: -452.179+/-364.115 χ^2/NDF : 17.9/13

In: -389.489+/-542.044 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -452.179+/-364.115 χ^2/NDF : 17.9/13

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 858.866+/-0.383 χ^2/NDF : 187047.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 852.147+/-0.347 χ^2/NDF : 64703.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

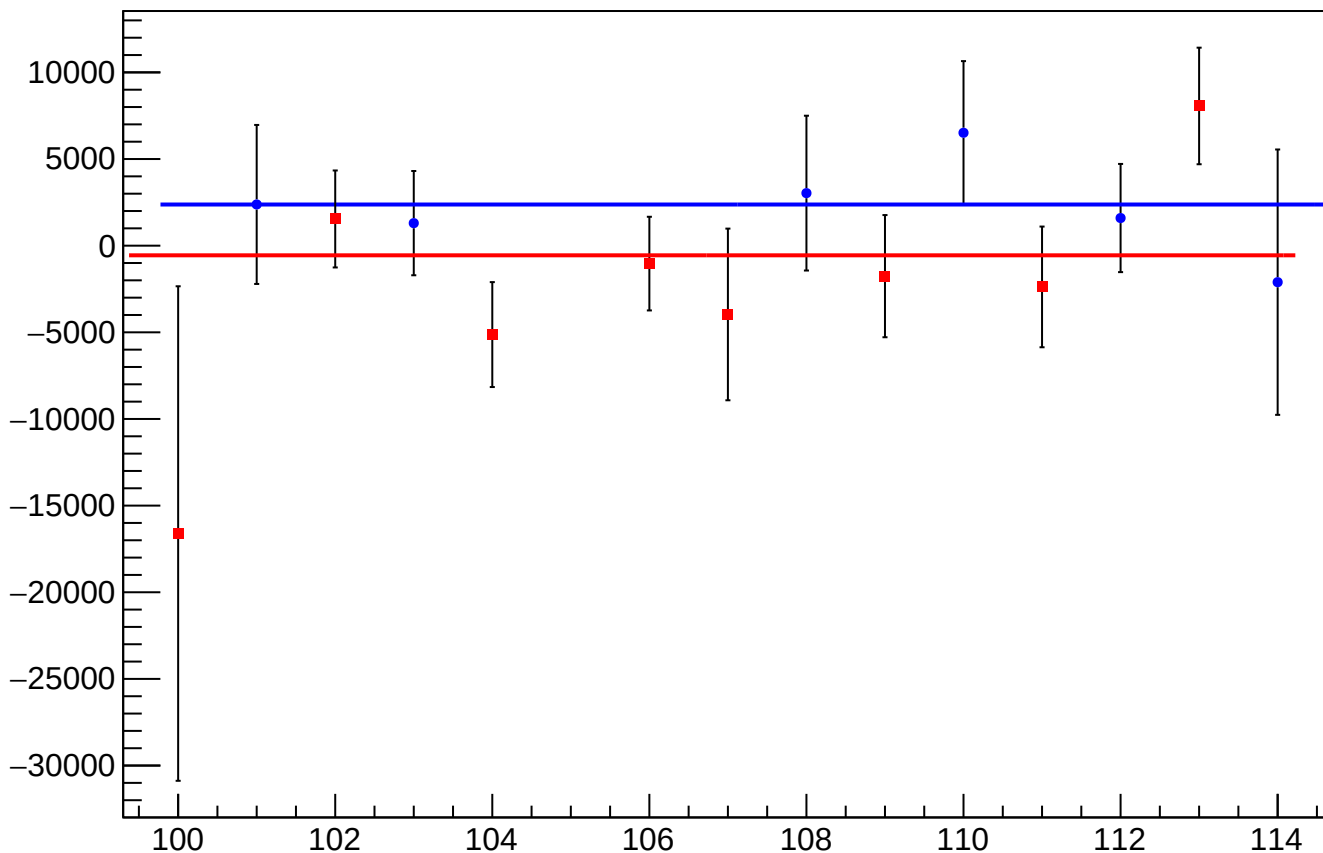
Right: 855.172+/-0.257 χ^2/NDF : 251919.9/13

In: 858.866+/-0.383 χ^2/NDF : 187047.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.172+/-0.257 χ^2/NDF : 251919.9/13

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2374.972+/-1608.999 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -556.229+/-1221.011 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

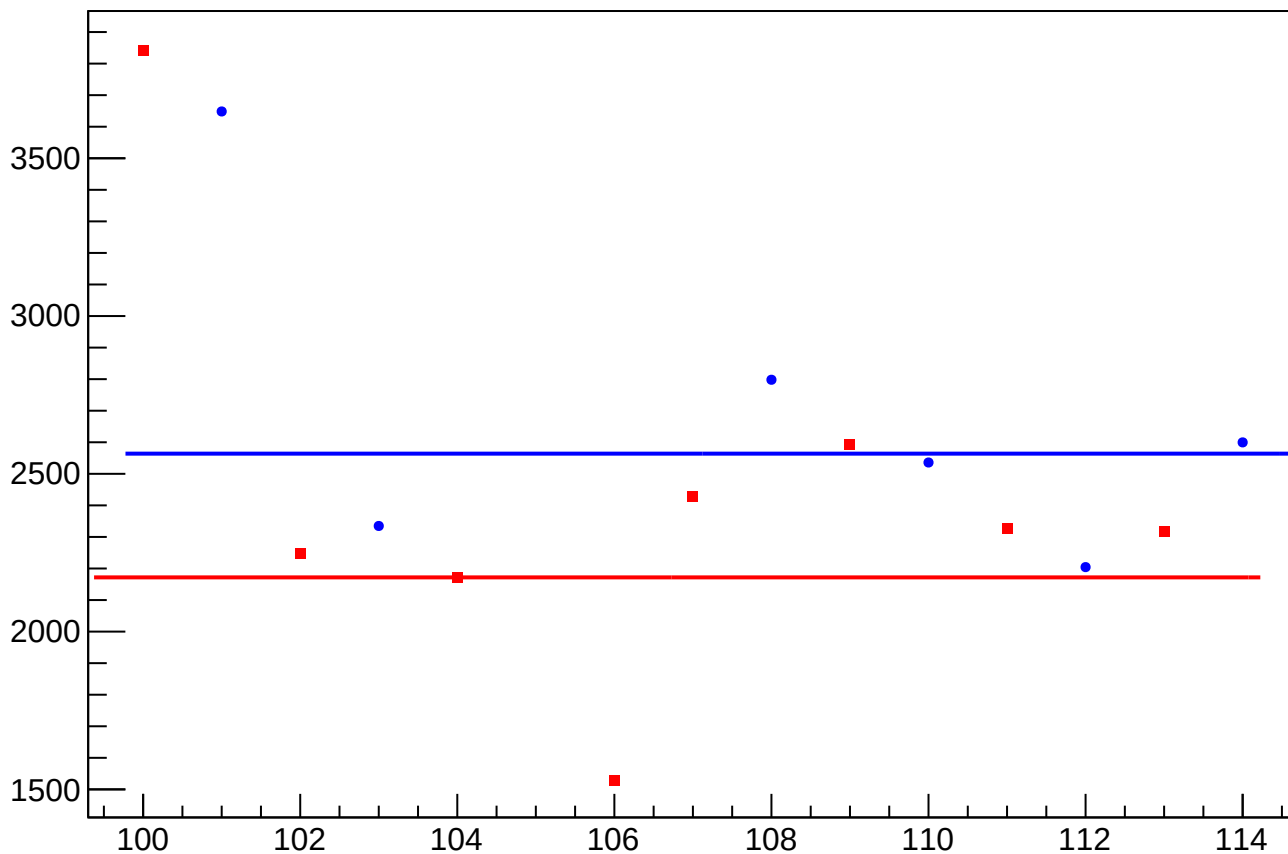
Right: 514.925+/-972.655 χ^2/NDF : 15.2/13

In: 2374.972+/-1608.999 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.925+/-972.655 χ^2/NDF : 15.2/13

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

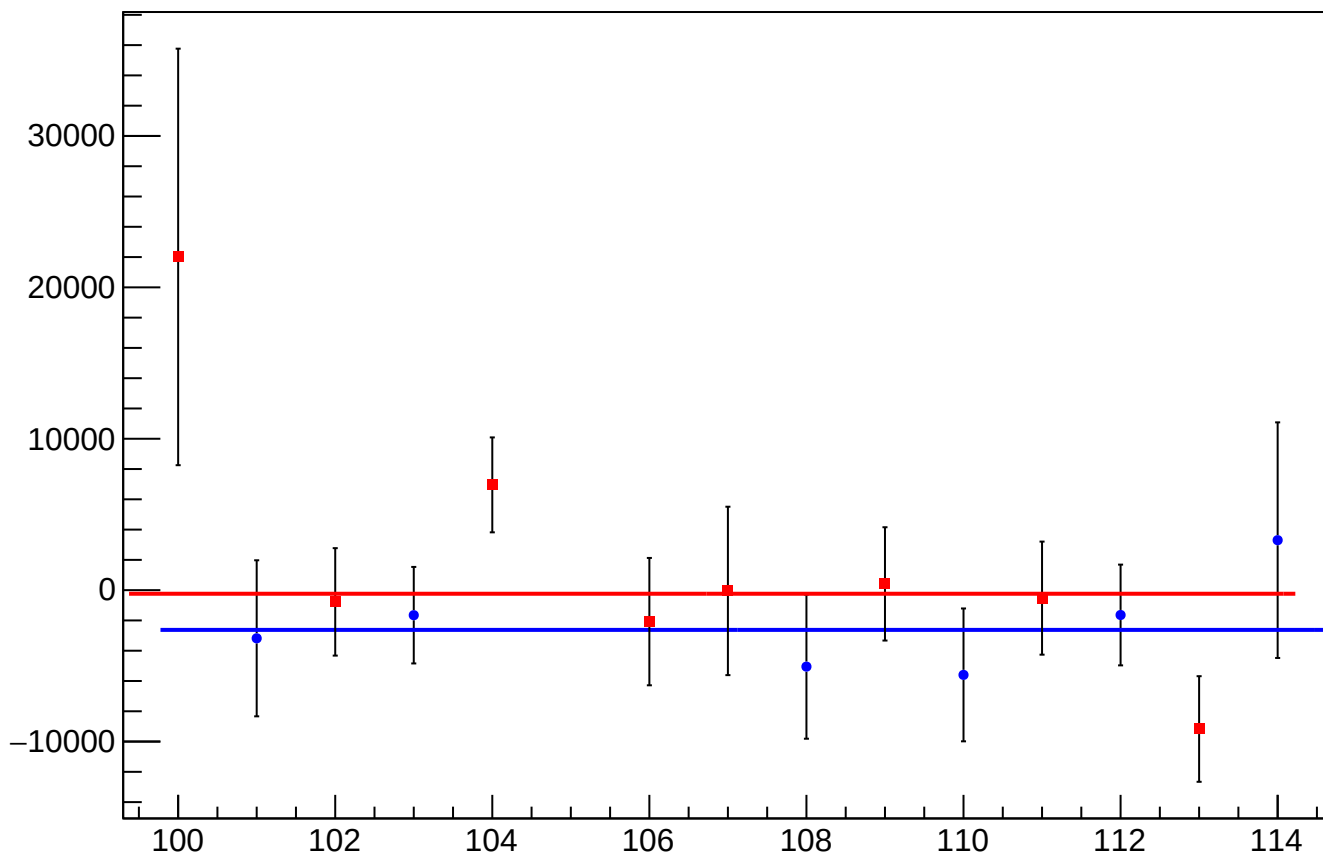
Right: 2315.126 $\pm$ 0.688 χ^2 /NDF: 414503.8/13

In: 2563.947 $\pm$ 1.138 χ^2 /NDF:155493.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2315.126 $\pm$ 0.688 χ^2 /NDF: 414503.8/13

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

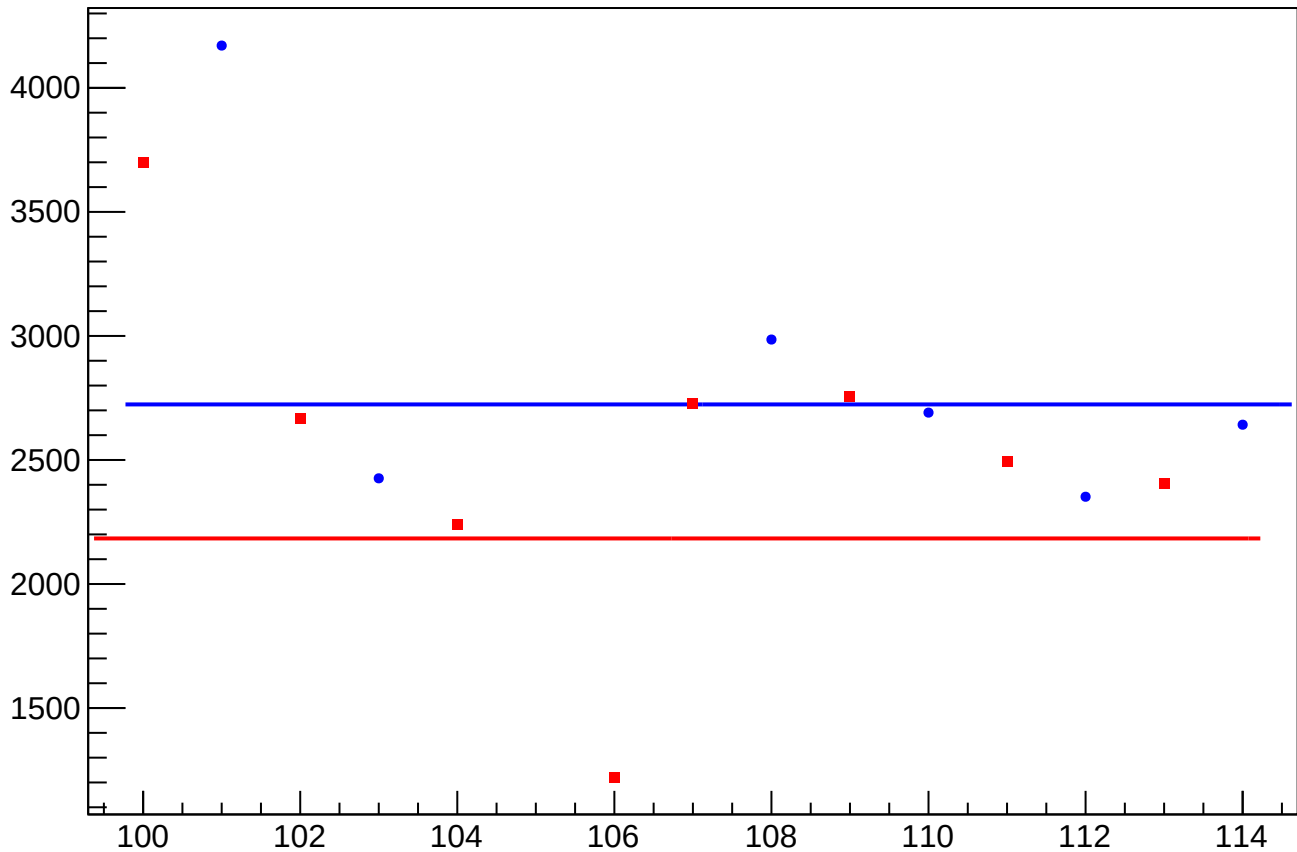
Right: -1201.079+/-1091.372 χ^2/NDF : 17.3/13

In: -2624.628+/-1717.693 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1201.079+/-1091.372 χ^2/NDF : 17.3/13

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

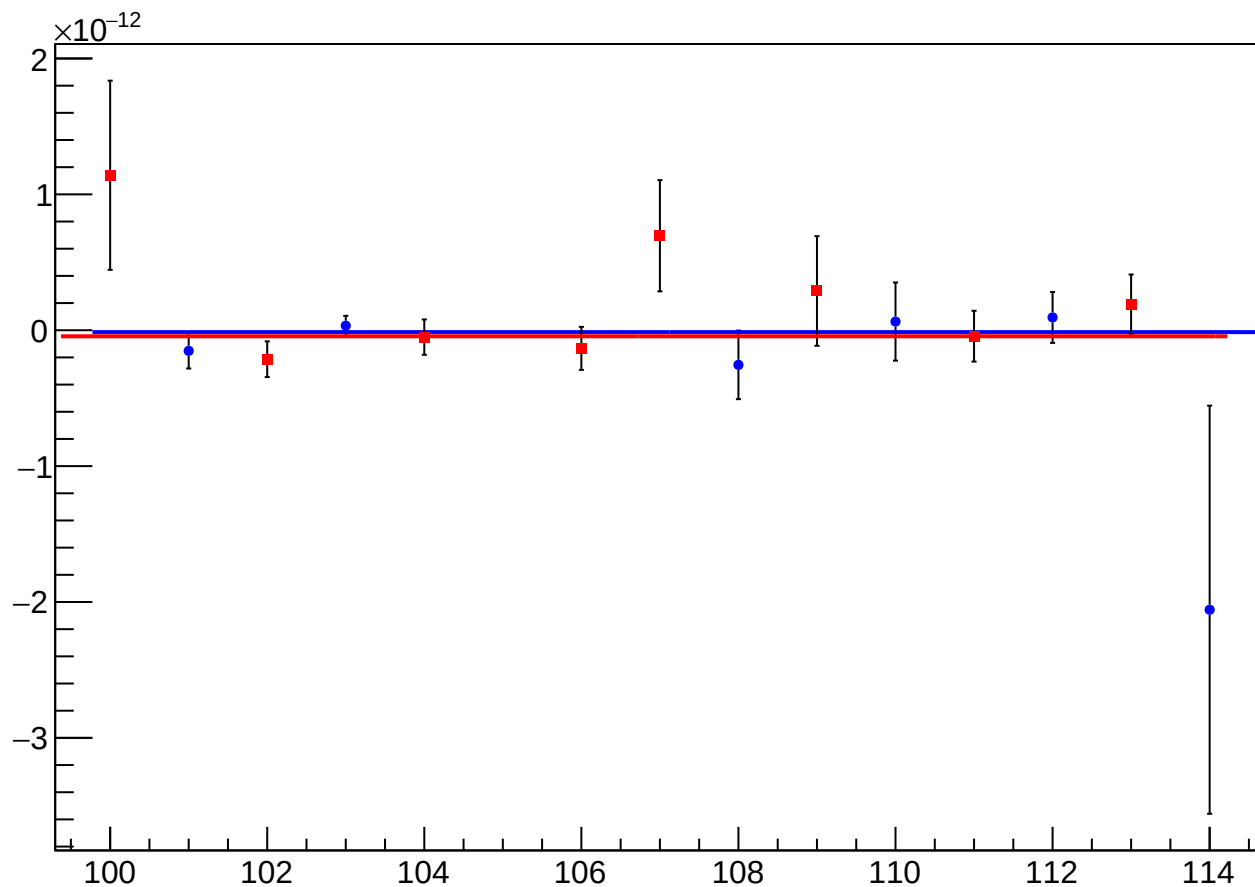
Right: 2378.482+/-0.729 χ^2/NDF : 774519.8/13

In: 2723.971+/-1.215 χ^2/NDF : 206416.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.482+/-0.729 χ^2/NDF : 774519.8/13

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

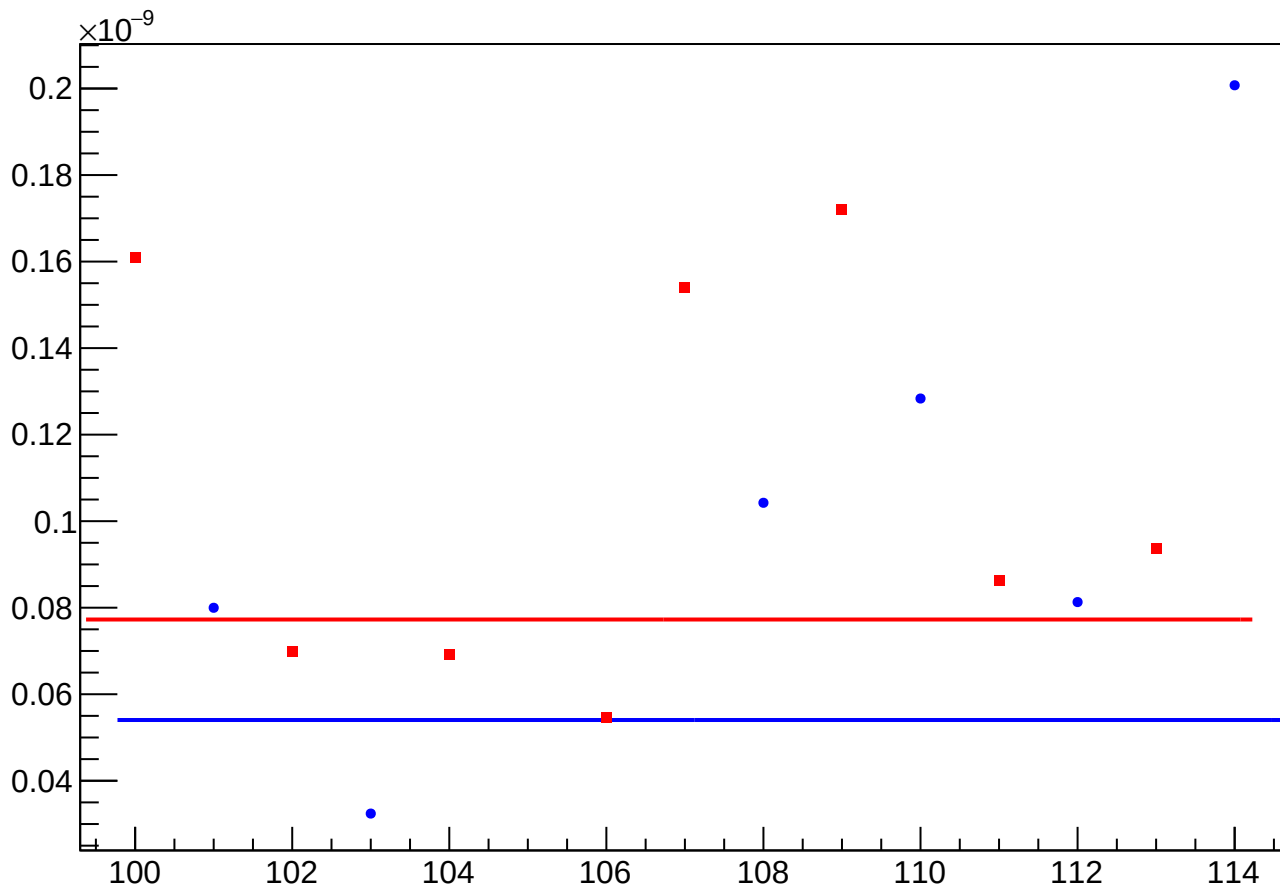
Right: -0.000+/-0.000 χ^2/NDF : 14.8/13

In: -0.000+/-0.000 χ^2/NDF :4.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/13

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 530120.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 280234.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

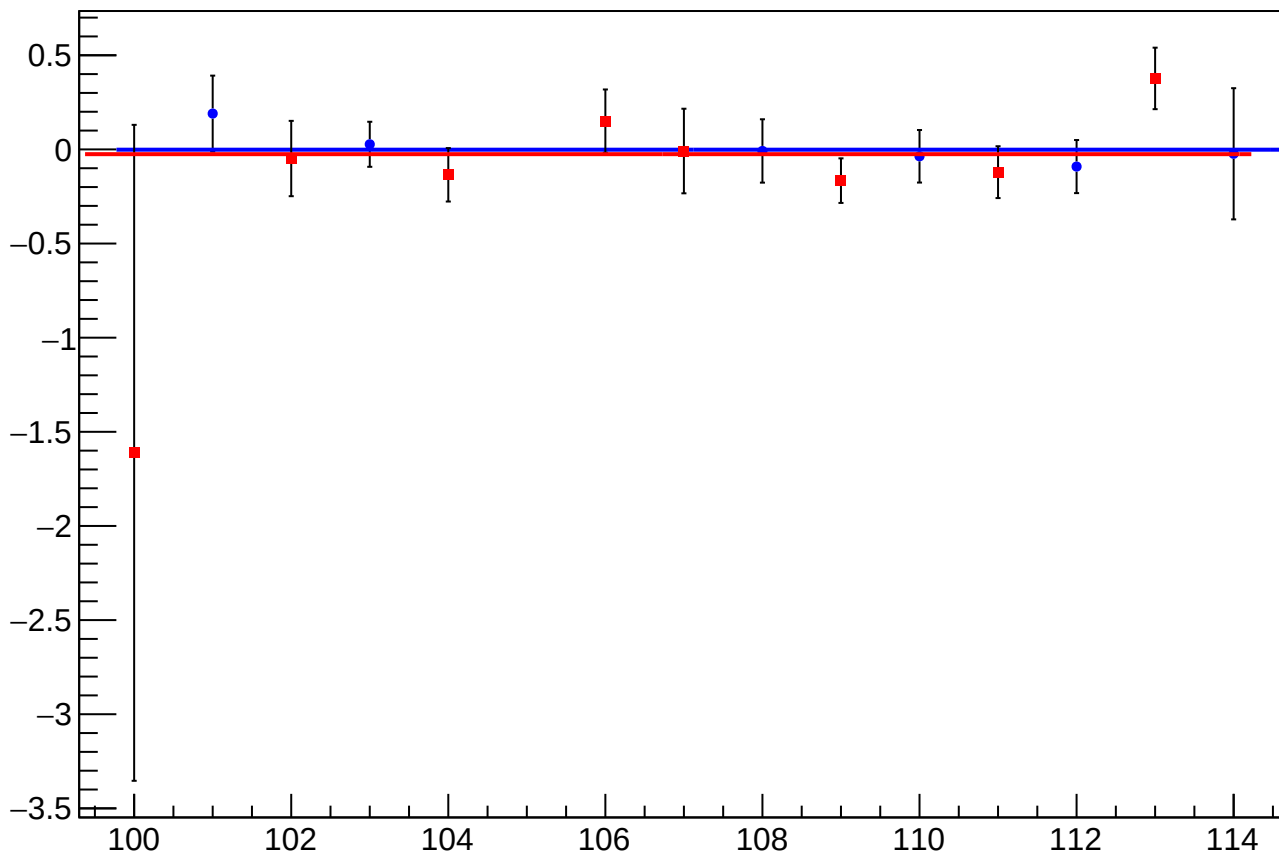
Right: 0.000+/-0.000 χ^2/NDF : 948157.8/13

In: 0.000+/-0.000 χ^2/NDF : 530120.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 948157.8/13

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.059 χ^2/NDF : 10.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

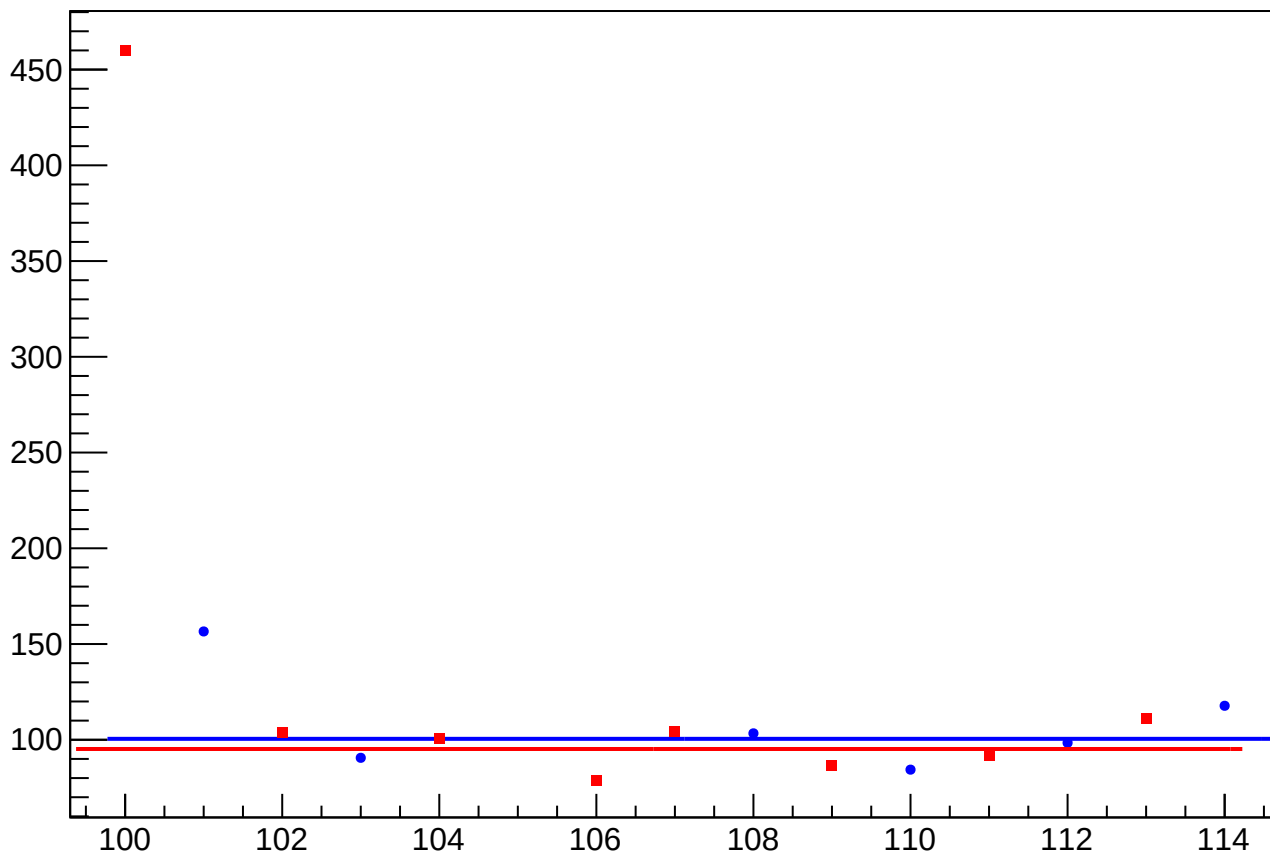
Right: -0.015 ± 0.043 χ^2/NDF : 12.0/13

In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.043 χ^2/NDF : 12.0/13

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

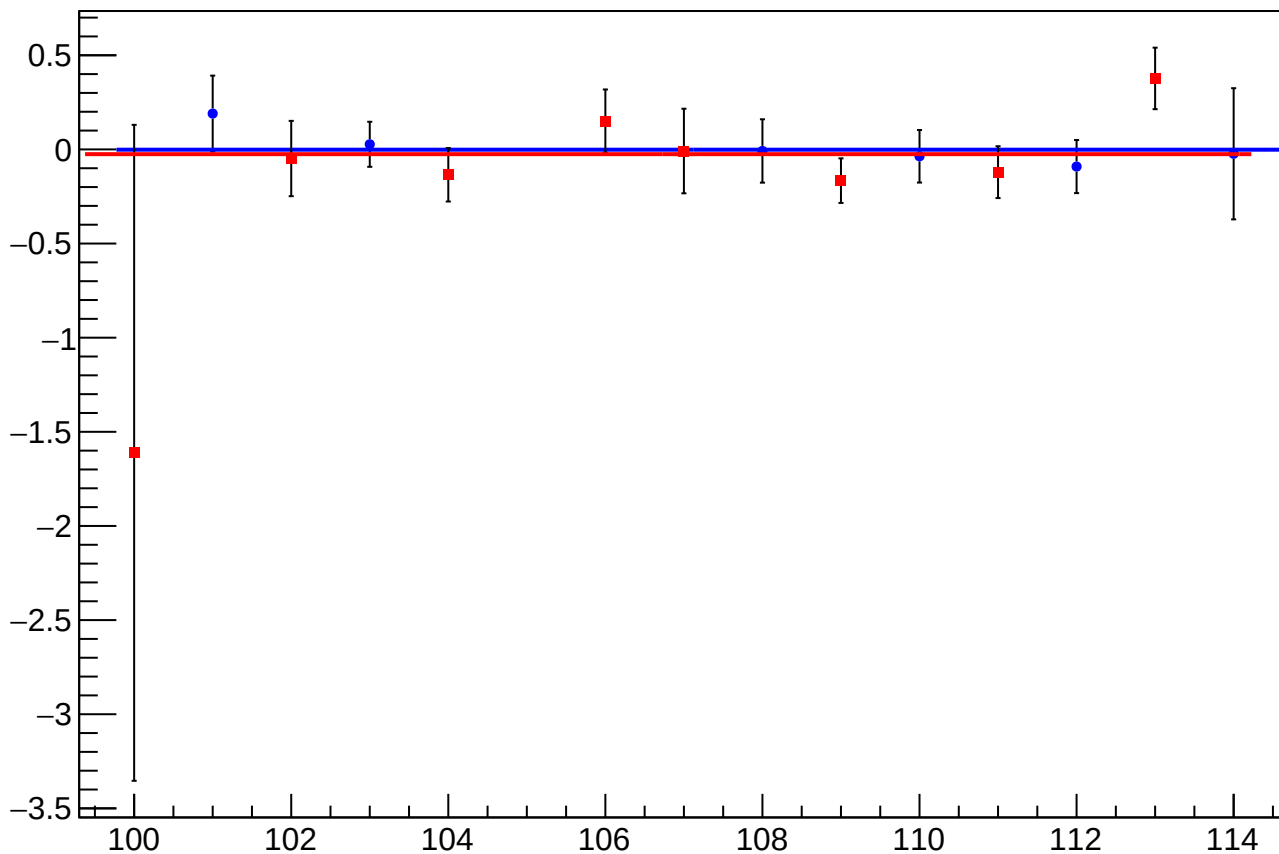
Right: 97.578+/-0.031 χ^2/NDF : 356229.8/13

In: 100.492+/-0.046 χ^2/NDF : 201081.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.578+/-0.031 χ^2/NDF : 356229.8/13

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.059 χ^2/NDF : 10.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

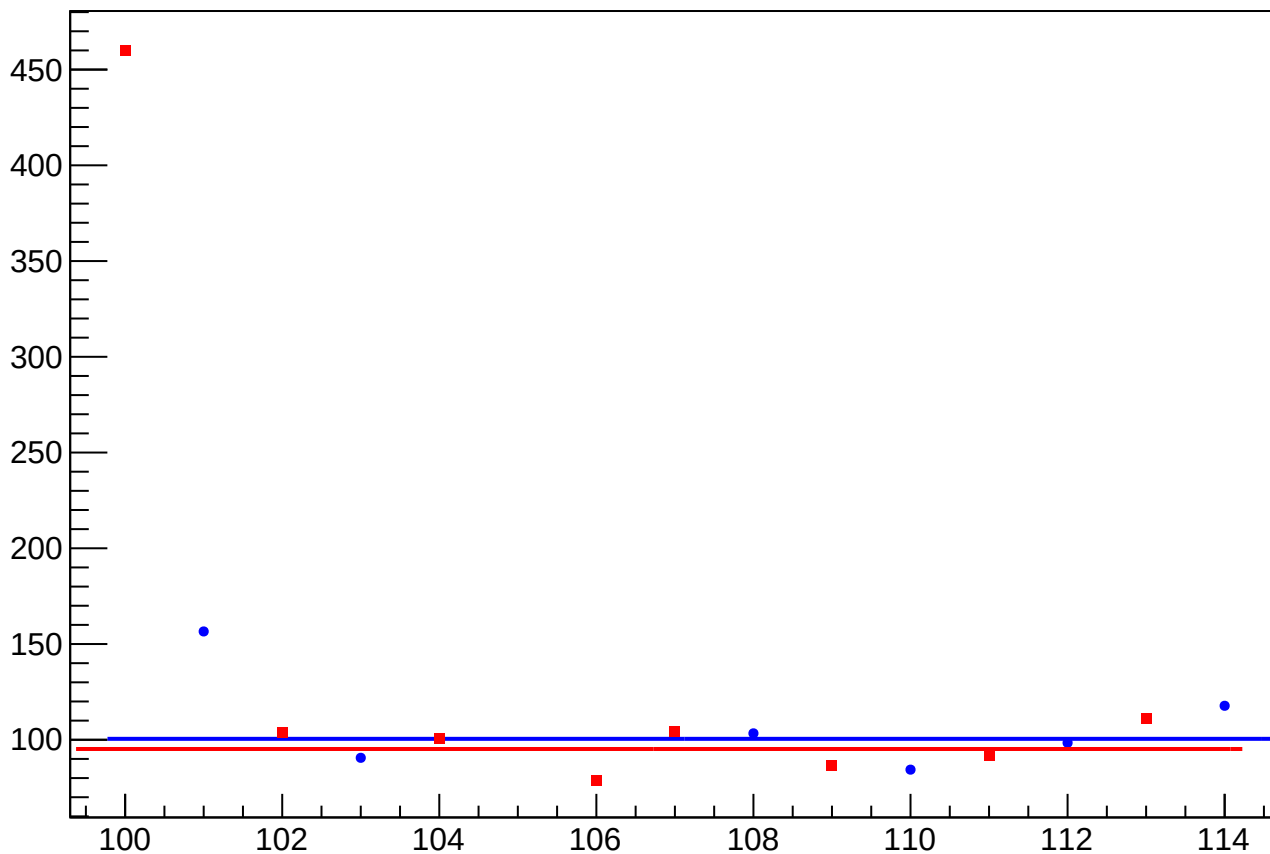
Right: -0.015 ± 0.043 χ^2/NDF : 12.0/13

In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.043 χ^2/NDF : 12.0/13

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

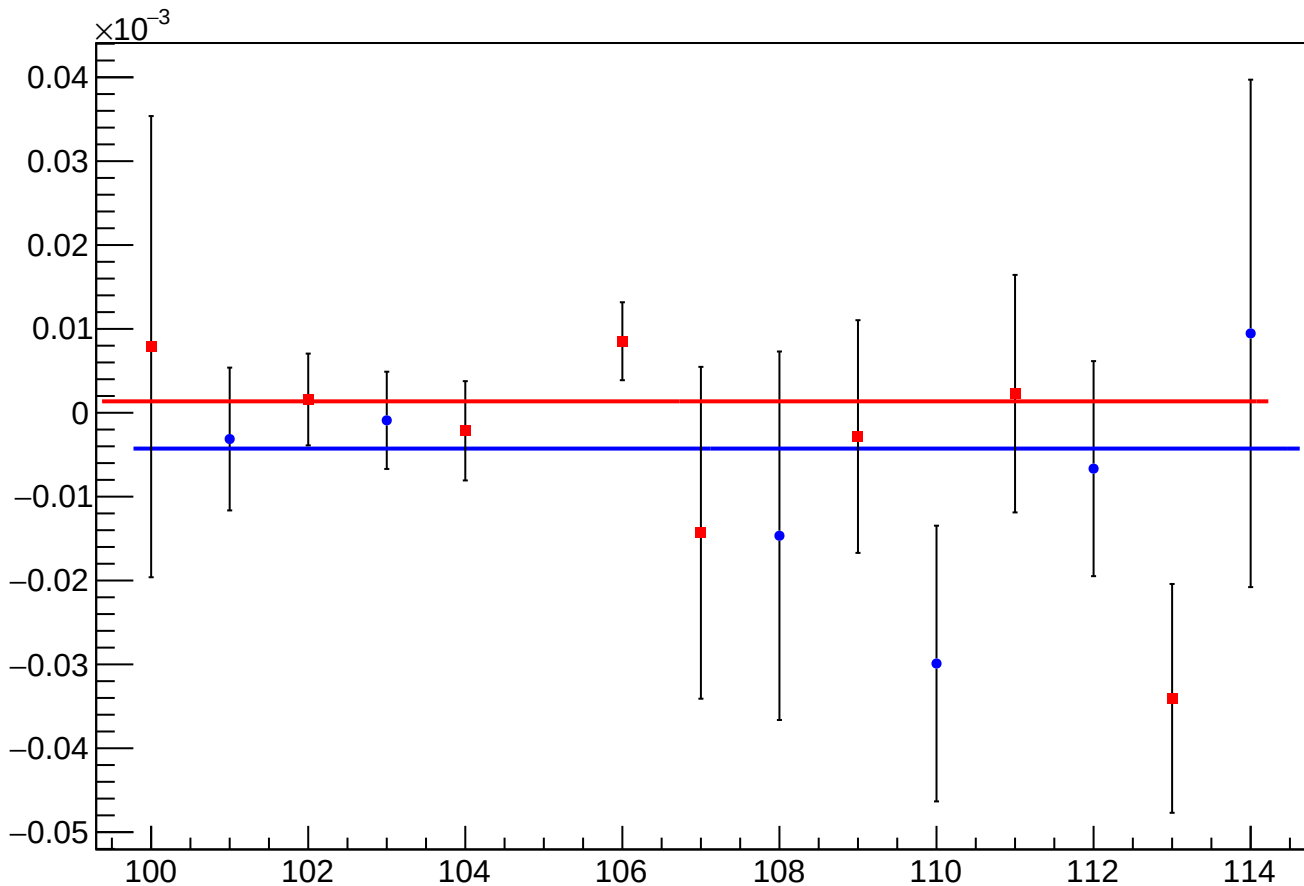
Right: 97.578+/-0.031 χ^2/NDF : 356229.8/13

In: 100.492+/-0.046 χ^2/NDF : 201081.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.578+/-0.031 χ^2/NDF : 356229.8/13

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

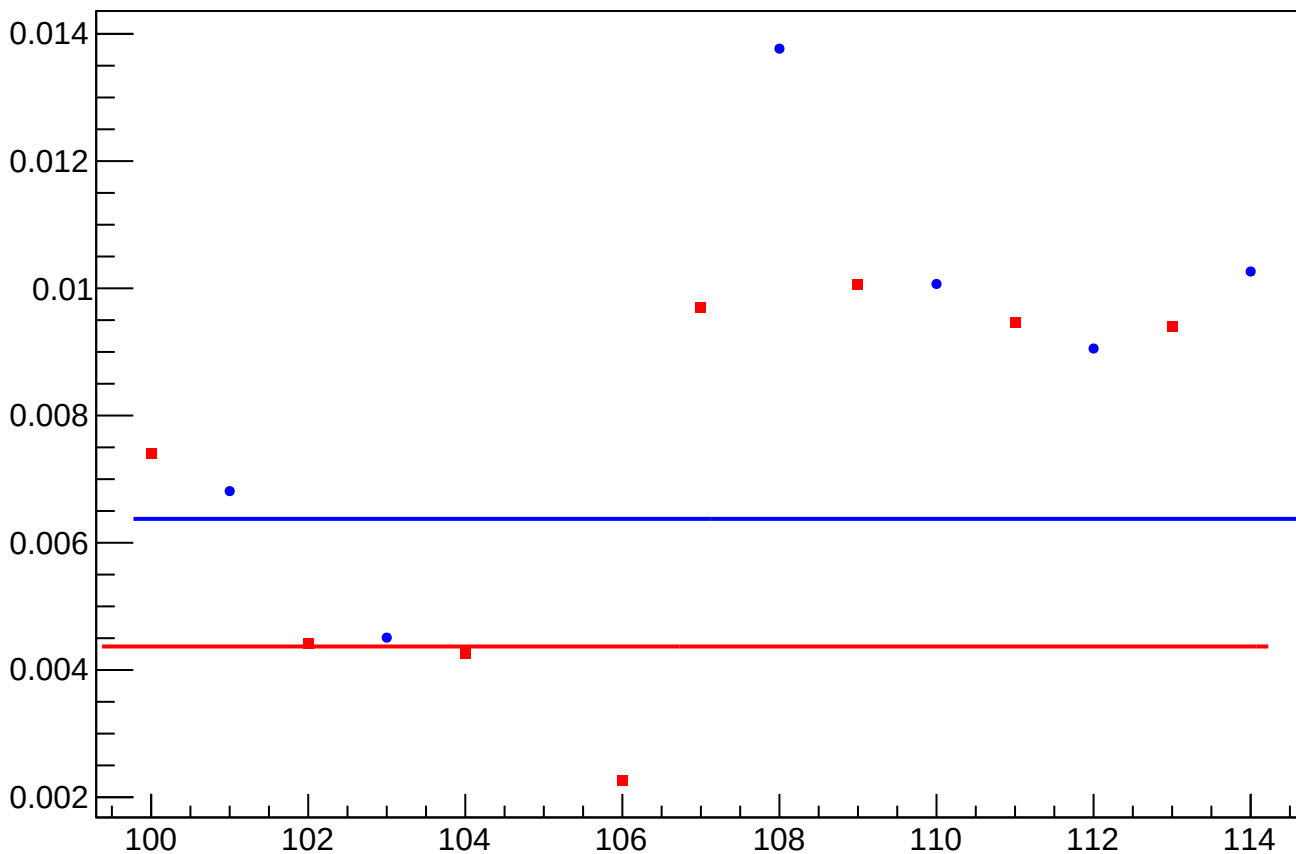
Right: -0.000+/-0.000 χ^2/NDF : 14.7/13

In: -0.000+/-0.000 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/13

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 660378.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1448033.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

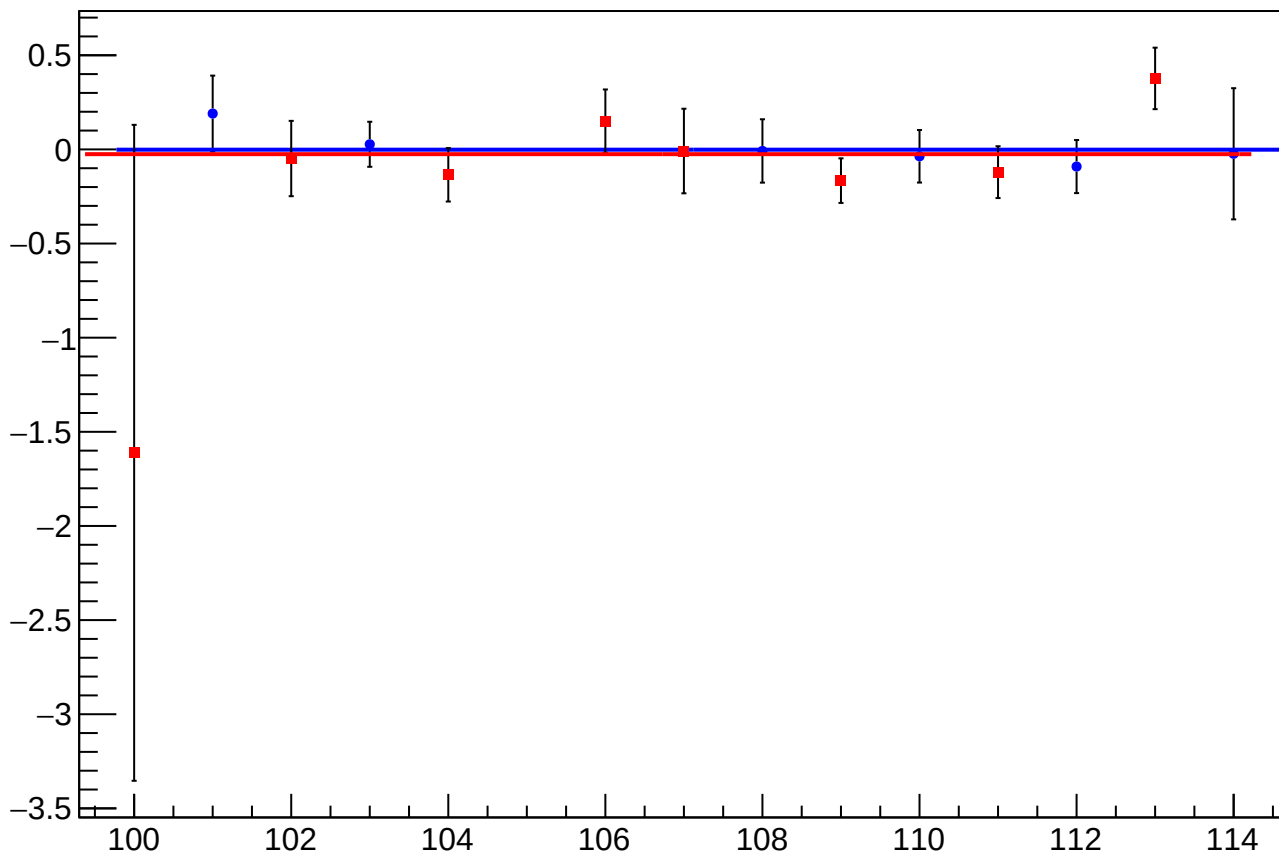
Right: 0.005+/-0.000 χ^2/NDF : 2423710.7/13

In: 0.006+/-0.000 χ^2/NDF : 660378.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2423710.7/13

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.059 χ^2/NDF : 10.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

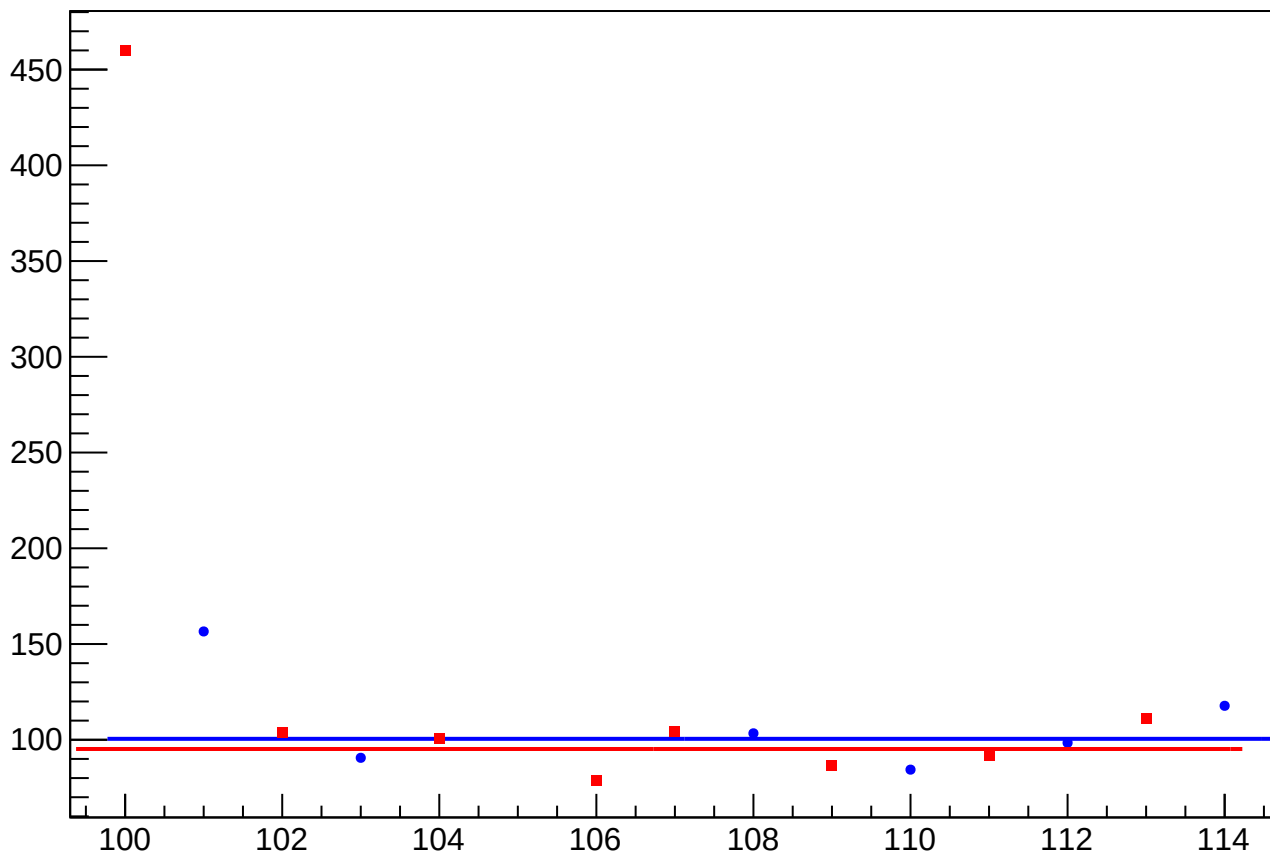
Right: -0.015 ± 0.043 χ^2/NDF : 12.0/13

In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.043 χ^2/NDF : 12.0/13

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

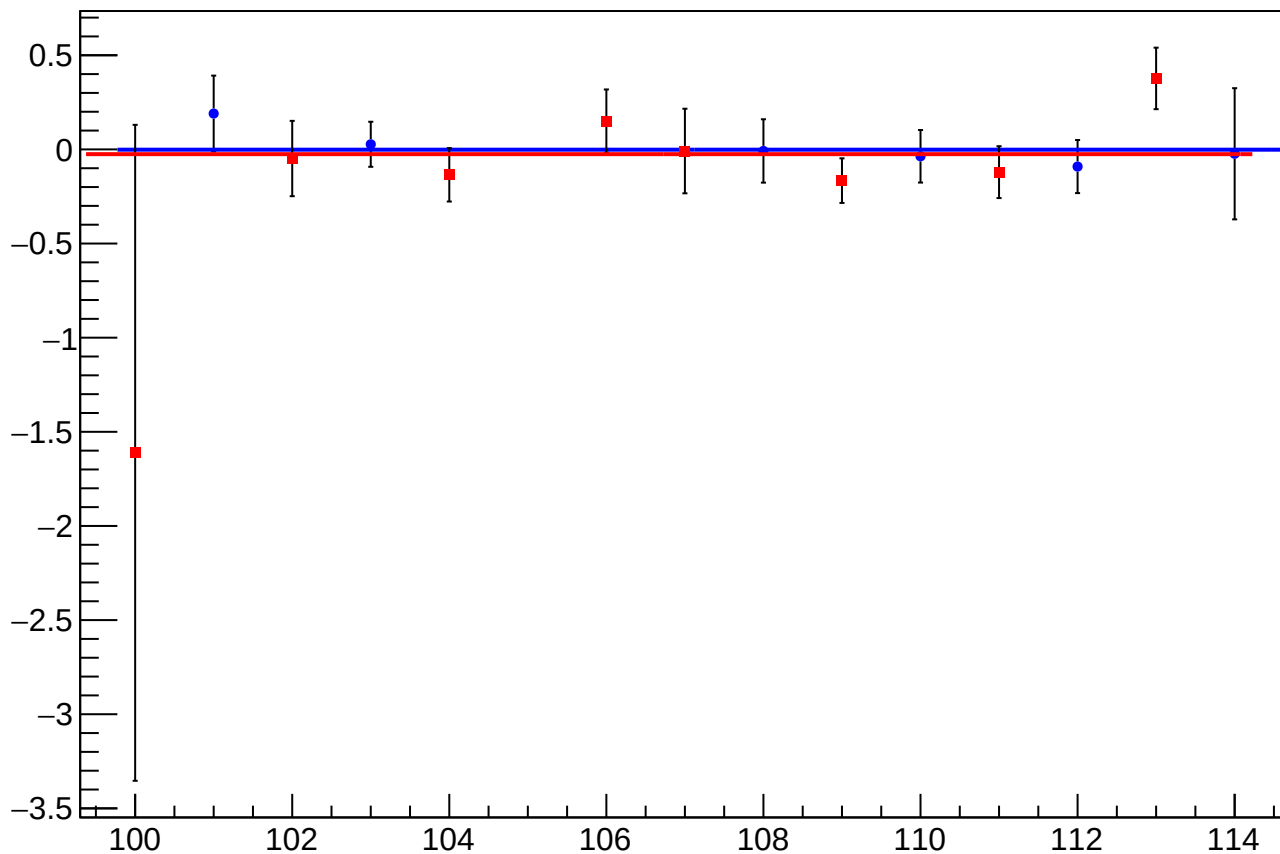
Right: 97.580+/-0.031 χ^2/NDF : 356182.8/13

In: 100.495+/-0.046 χ^2/NDF : 201049.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.580+/-0.031 χ^2/NDF : 356182.8/13

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.059 χ^2/NDF : 10.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

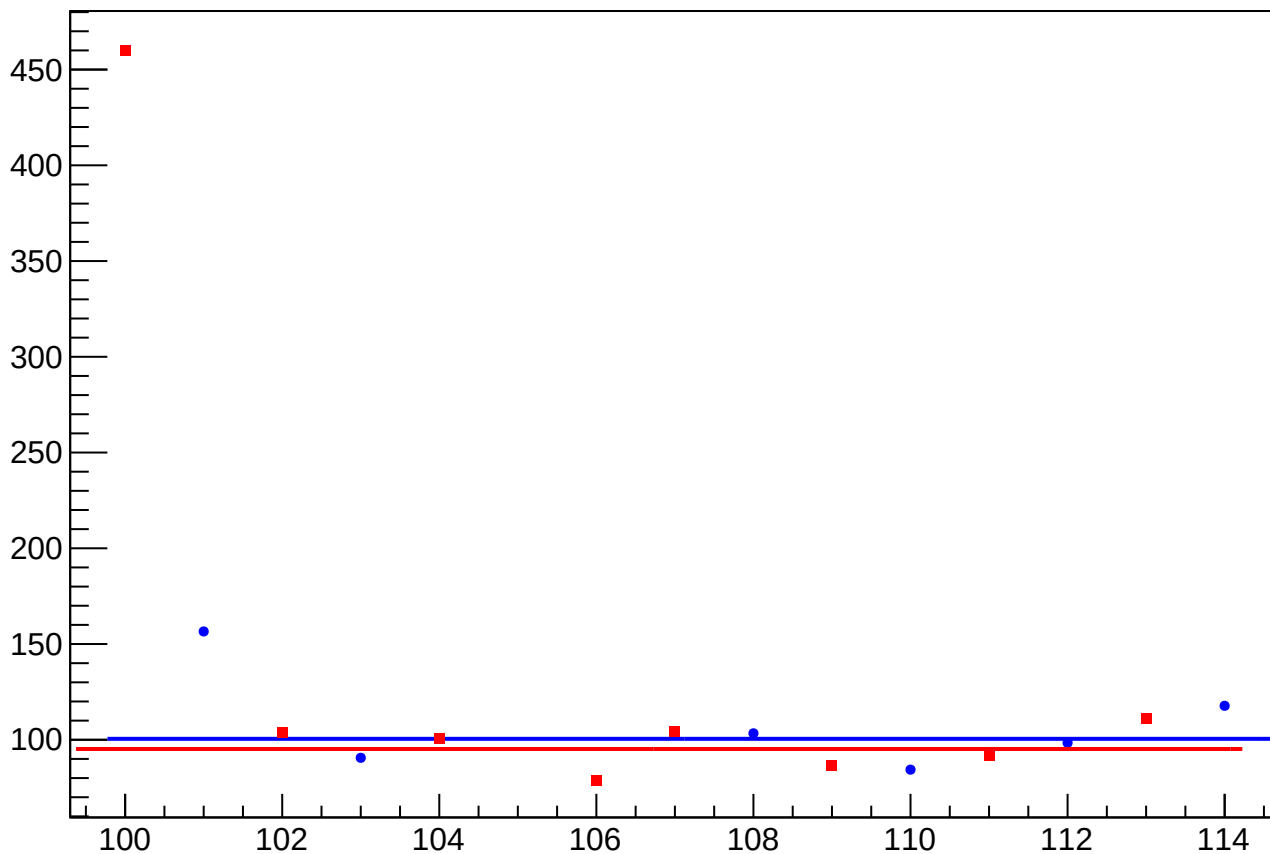
Right: -0.015 ± 0.043 χ^2/NDF : 12.0/13

In: -0.002 ± 0.065 χ^2/NDF : 1.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.043 χ^2/NDF : 12.0/13

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

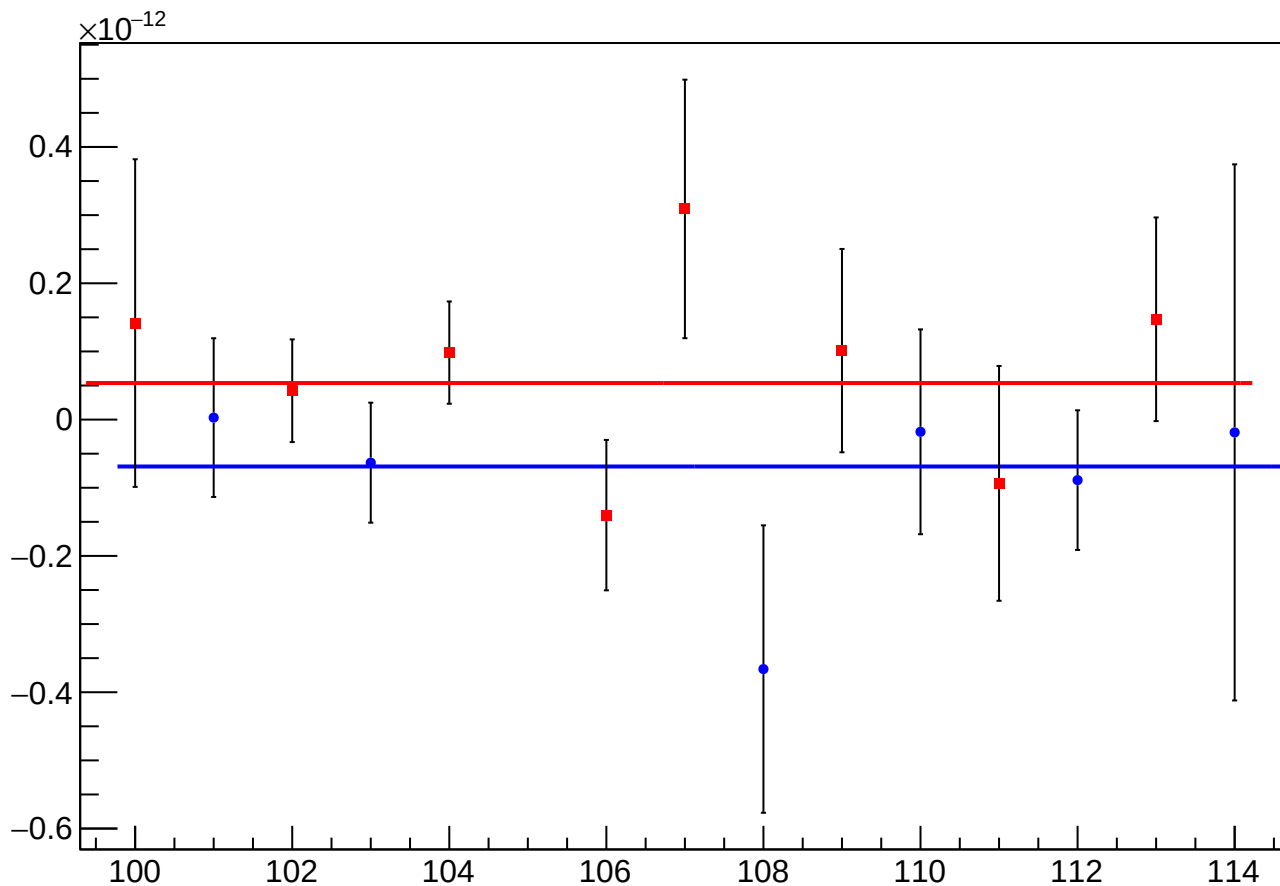
Right: 97.580+/-0.031 χ^2/NDF : 356182.8/13

In: 100.495+/-0.046 χ^2/NDF : 201049.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.580+/-0.031 χ^2/NDF : 356182.8/13

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

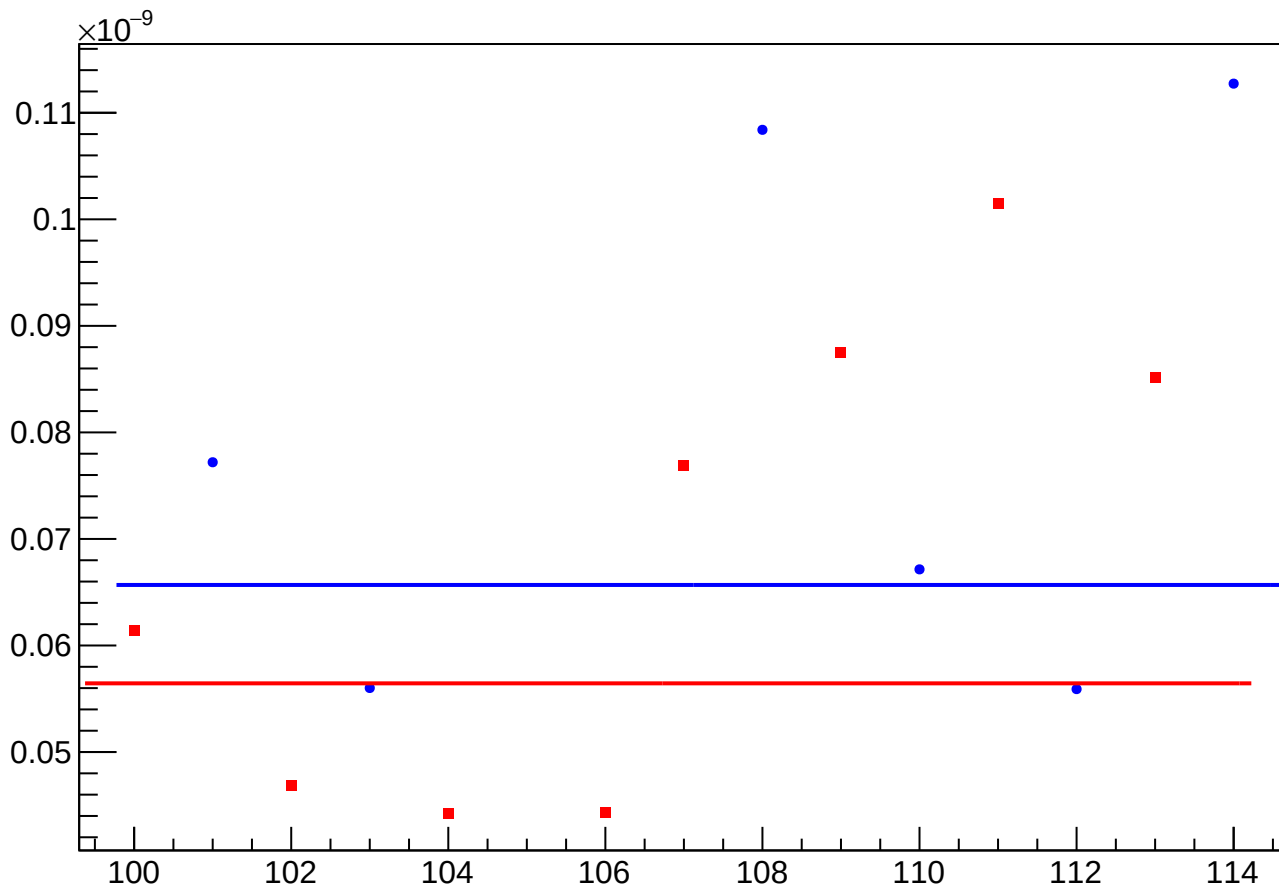
Right: 0.000+/-0.000 χ^2/NDF : 12.6/13

In: -0.000+/-0.000 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/13

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

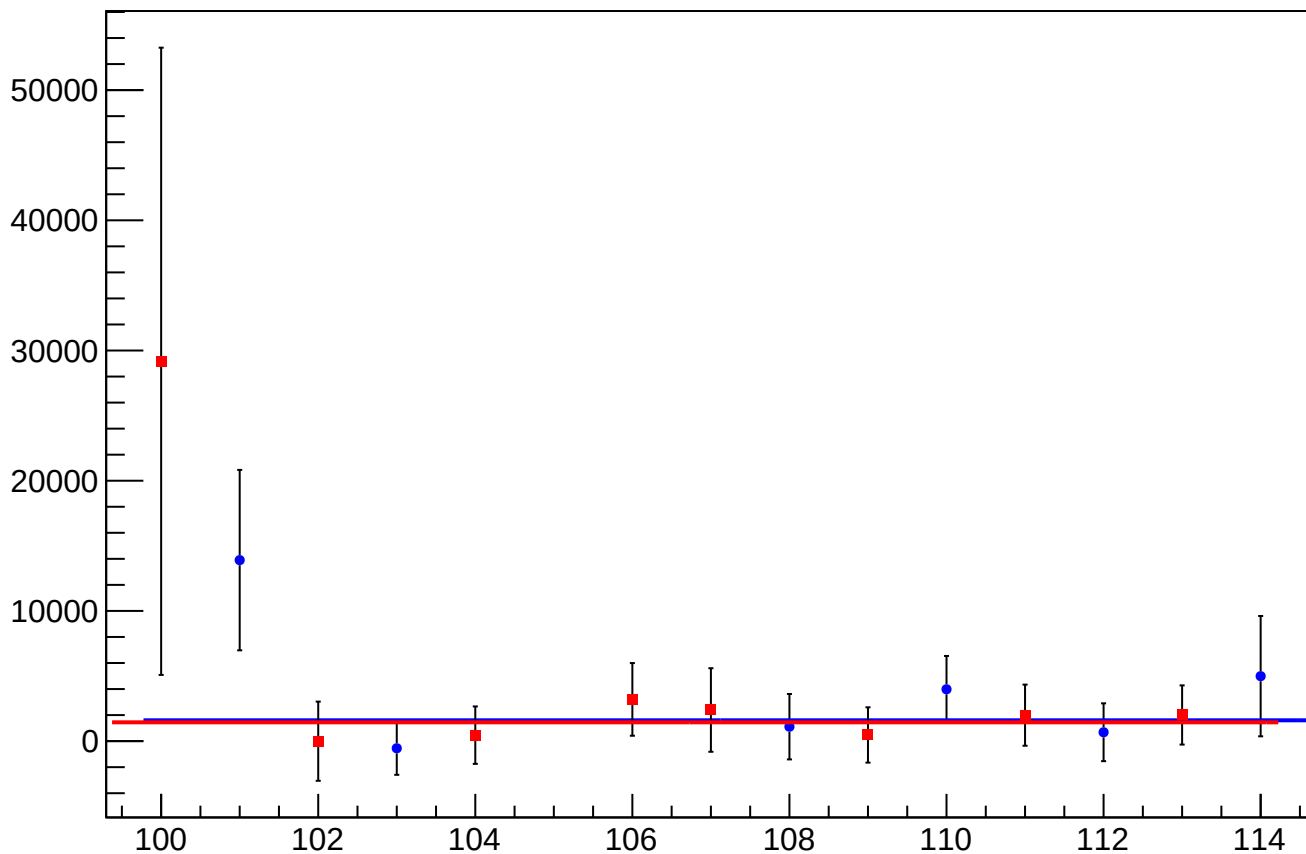
Right: 0.000+/-0.000 χ^2/NDF : 643030.2/13

In: 0.000+/-0.000 χ^2/NDF : 172807.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 643030.2/13

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

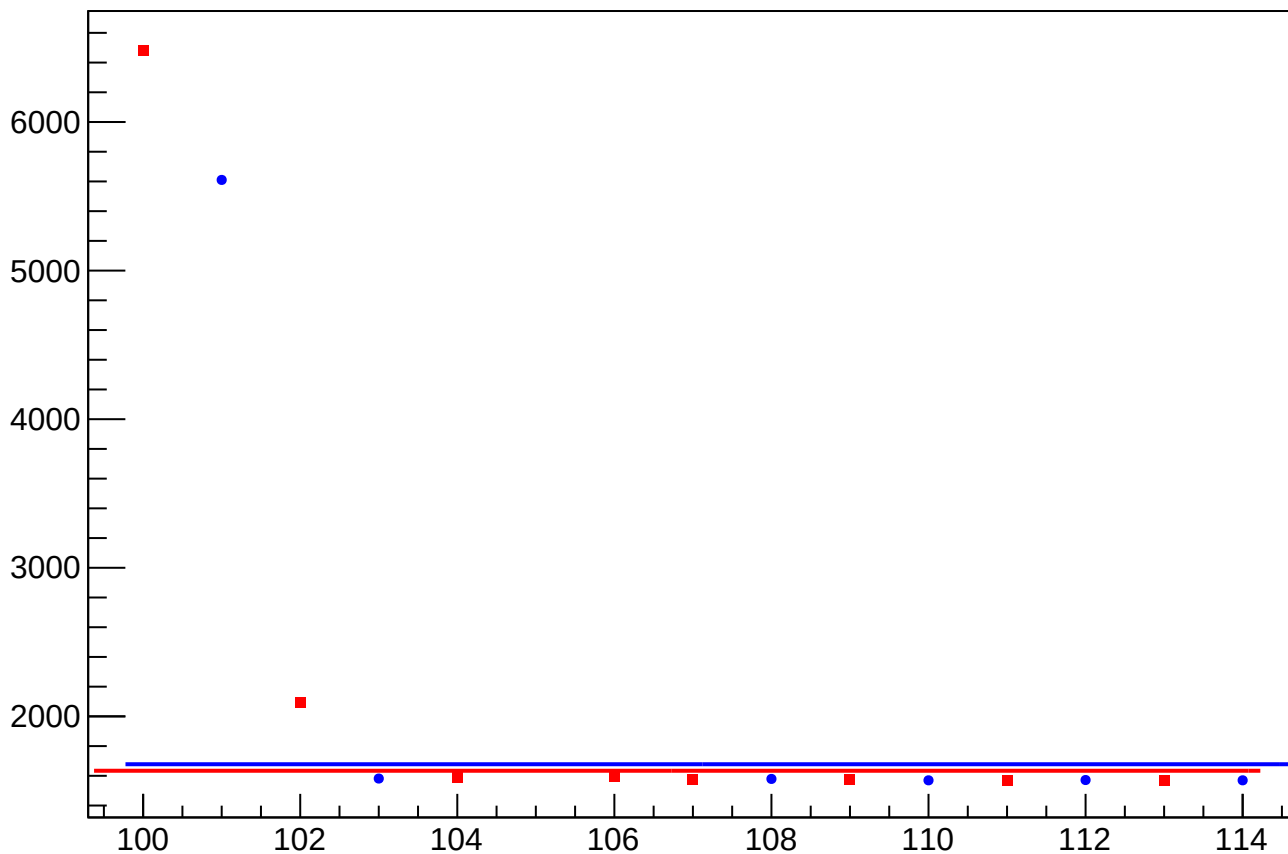
Right: 1509.108+/-714.407 χ^2/NDF : 8.5/13

In: 1599.019+/-1103.104 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.108+/-714.407 χ^2/NDF : 8.5/13

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1677.898+/-0.780 χ^2/NDF : 661008.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.073+/-0.663 χ^2/NDF : 133811.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

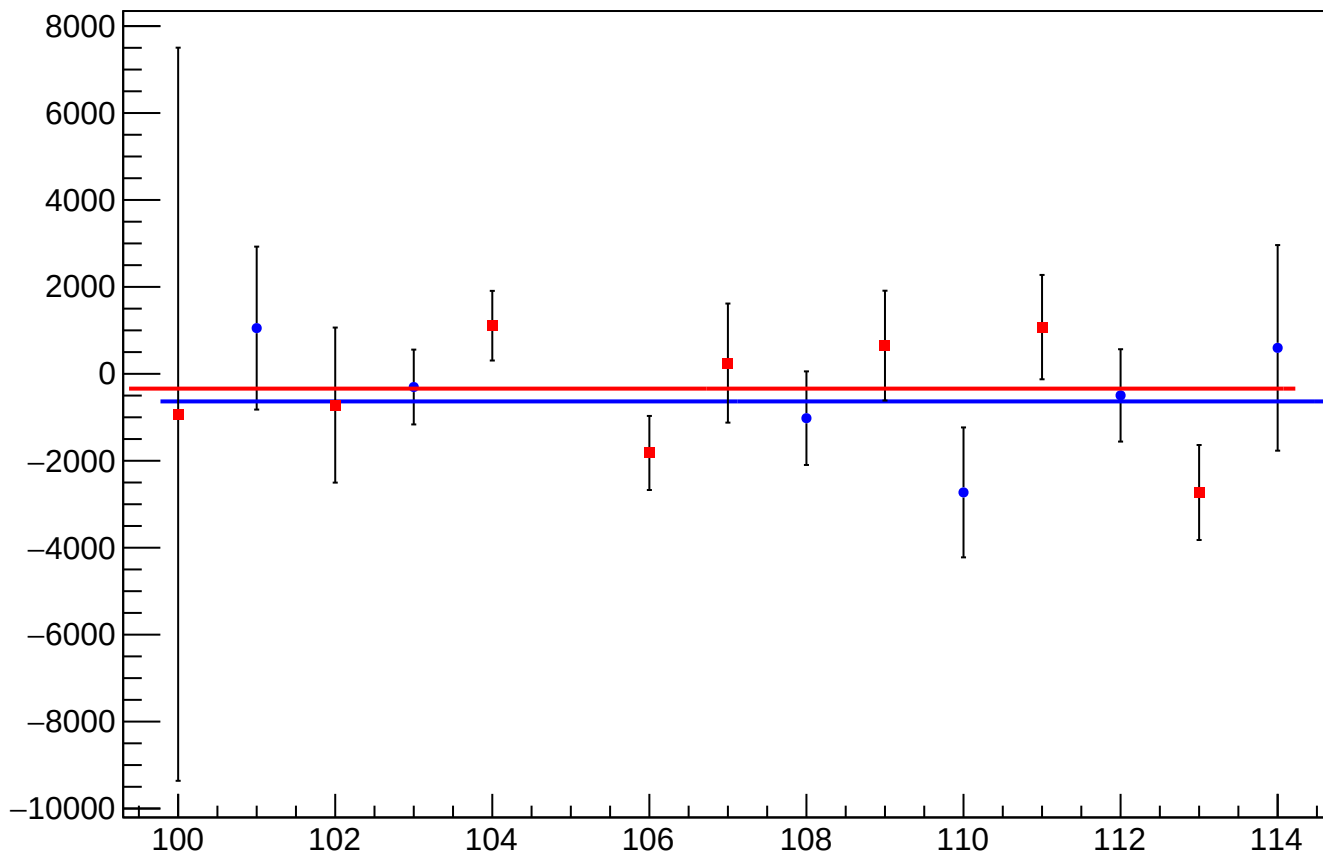
Right: 1652.454+/-0.505 χ^2/NDF : 796652.8/13

In: 1677.898+/-0.780 χ^2/NDF : 661008.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.454+/-0.505 χ^2/NDF : 796652.8/13

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

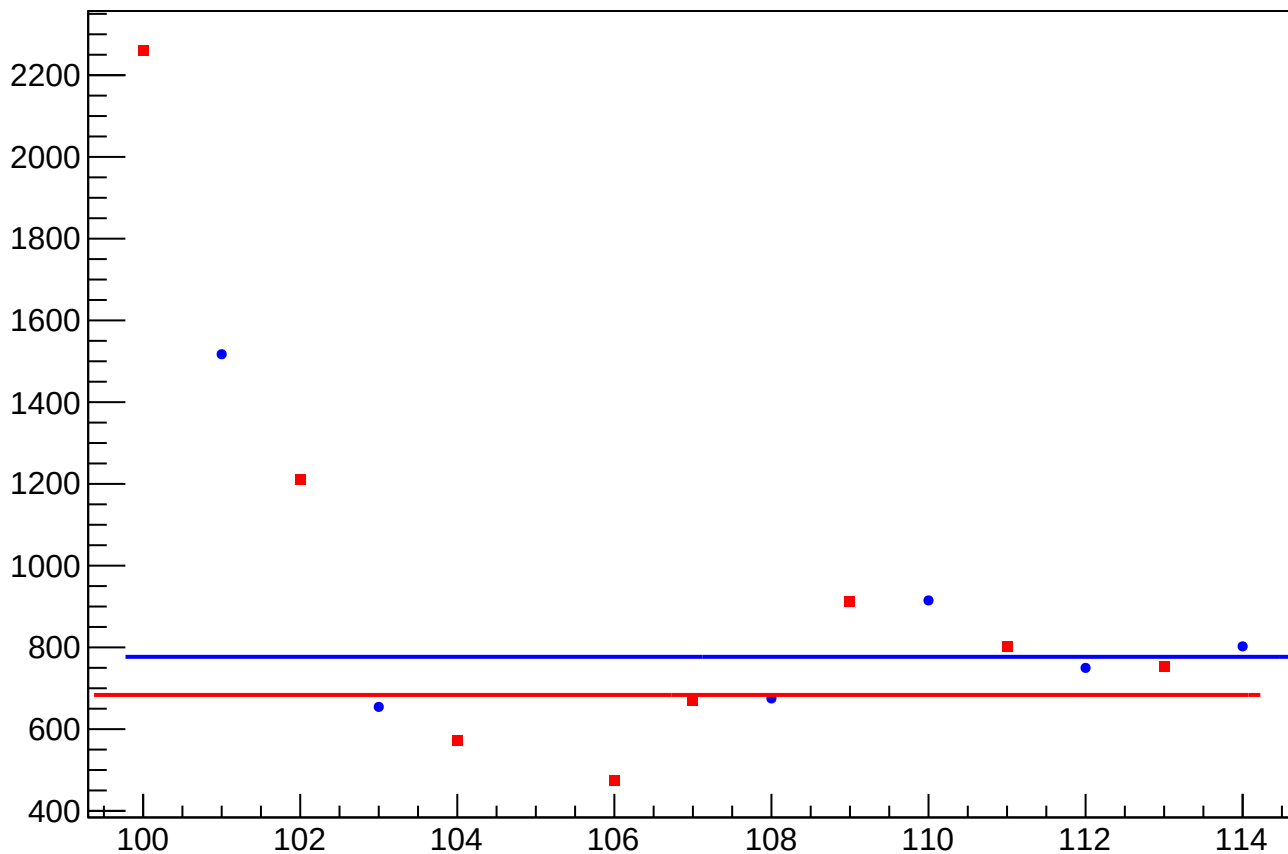
Right: -458.411+/-316.756 χ^2/NDF : 16.8/13

In: -634.386+/-499.374 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.411+/-316.756 χ^2/NDF : 16.8/13

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 776.904+/-0.353 χ^2/NDF : 389045.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 683.678+/-0.290 χ^2/NDF : 496876.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

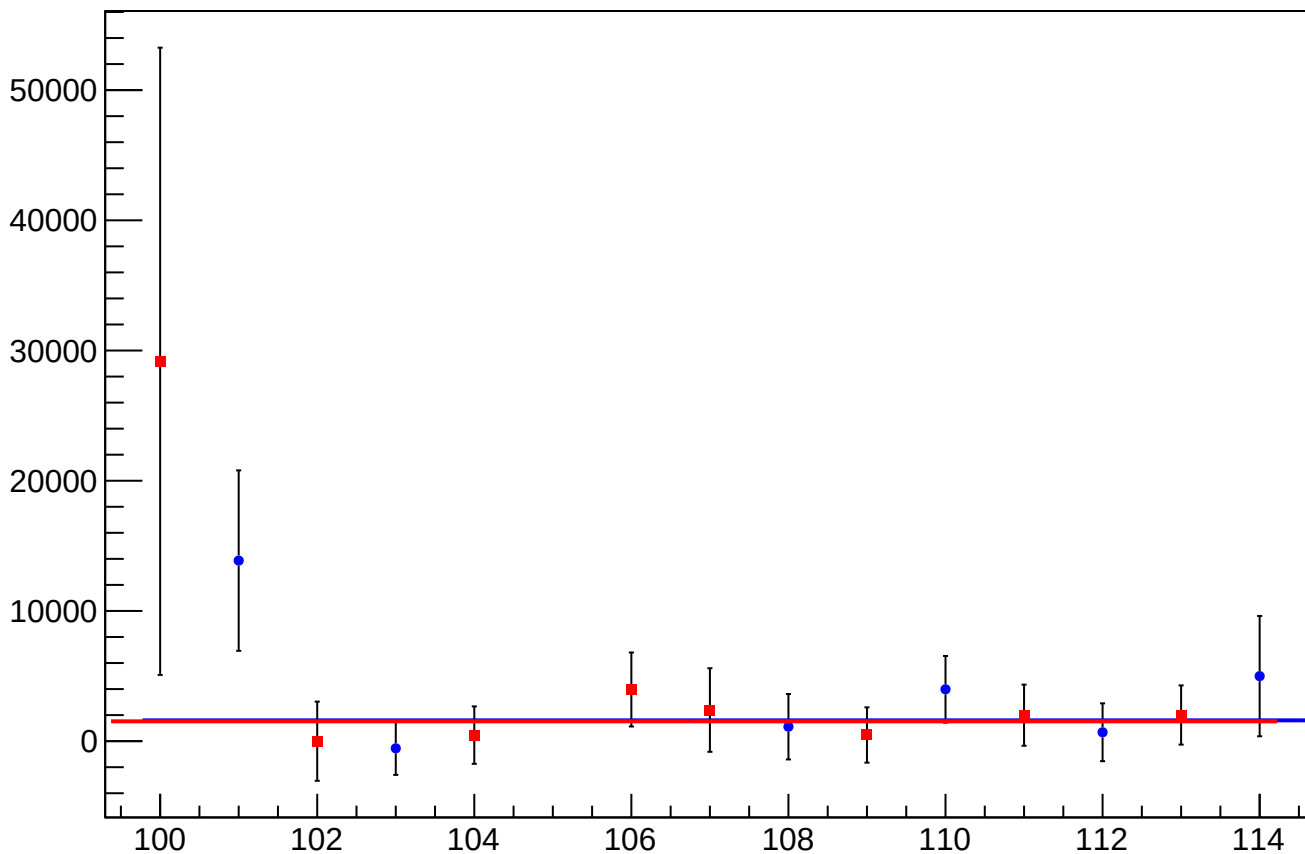
Right: 721.187+/-0.224 χ^2/NDF : 927580.1/13

In: 776.904+/-0.353 χ^2/NDF : 389045.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.187+/-0.224 χ^2/NDF : 927580.1/13

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1597.627+/-1103.104 χ^2 /NDF: 5.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1521.722+/-939.427 χ^2 /NDF: 2.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

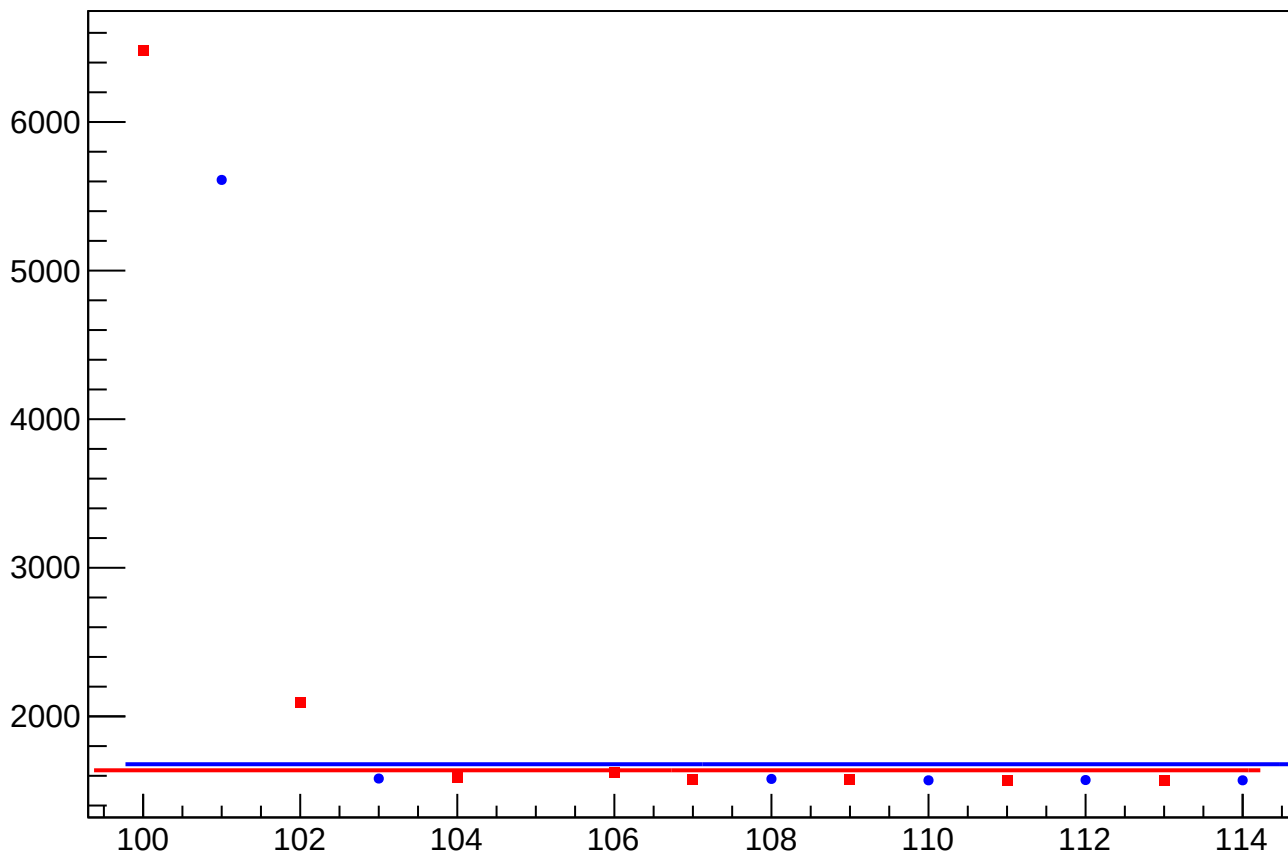
Right: 1553.631+/-715.214 χ^2 /NDF: 8.8/13

In: 1597.627+/-1103.104 χ^2 /NDF:5.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1553.631+/-715.214 χ^2 /NDF: 8.8/13

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

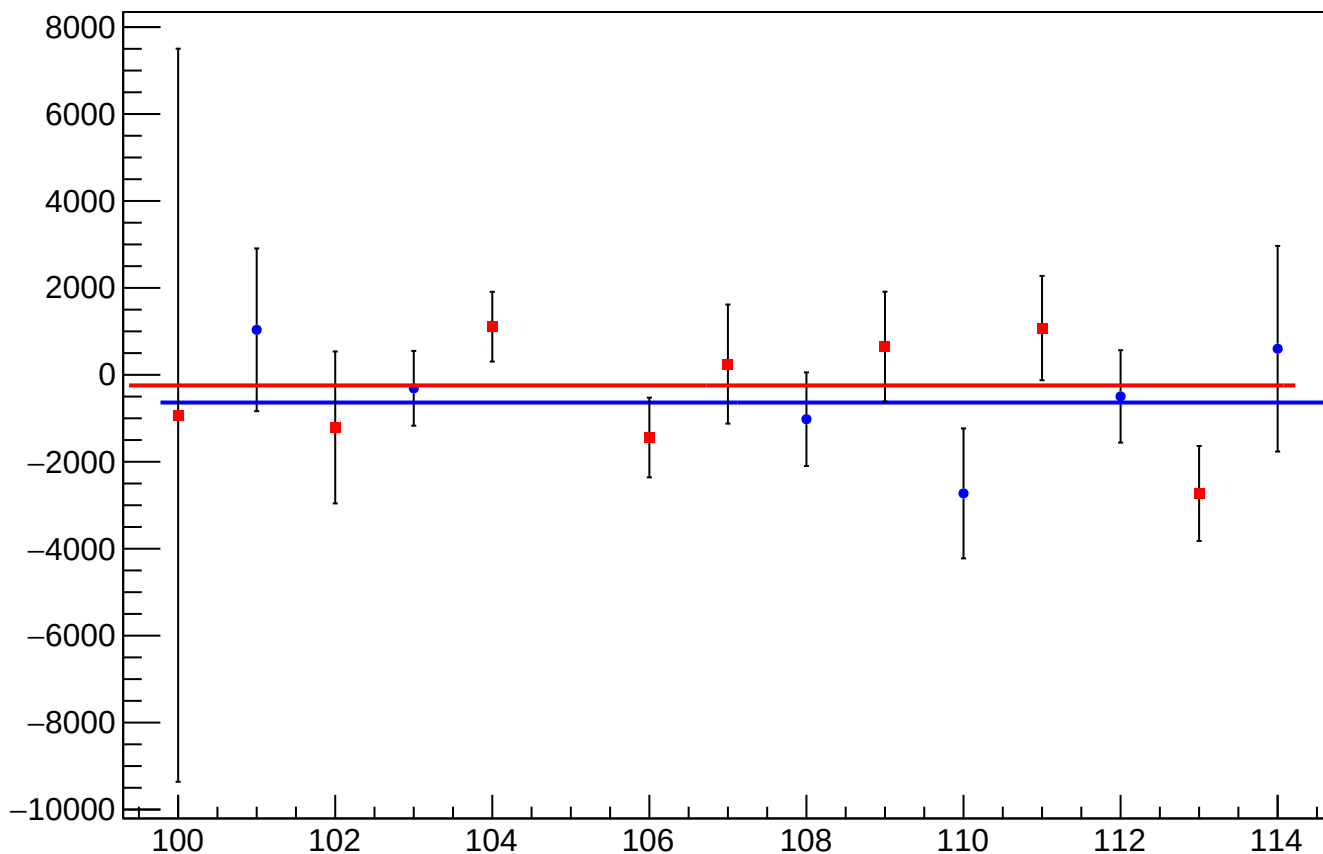
Right: 1654.267+/-0.506 χ^2/NDF : 796006.6/13

In: 1677.898+/-0.780 χ^2/NDF : 661007.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.267+/-0.506 χ^2/NDF : 796006.6/13

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

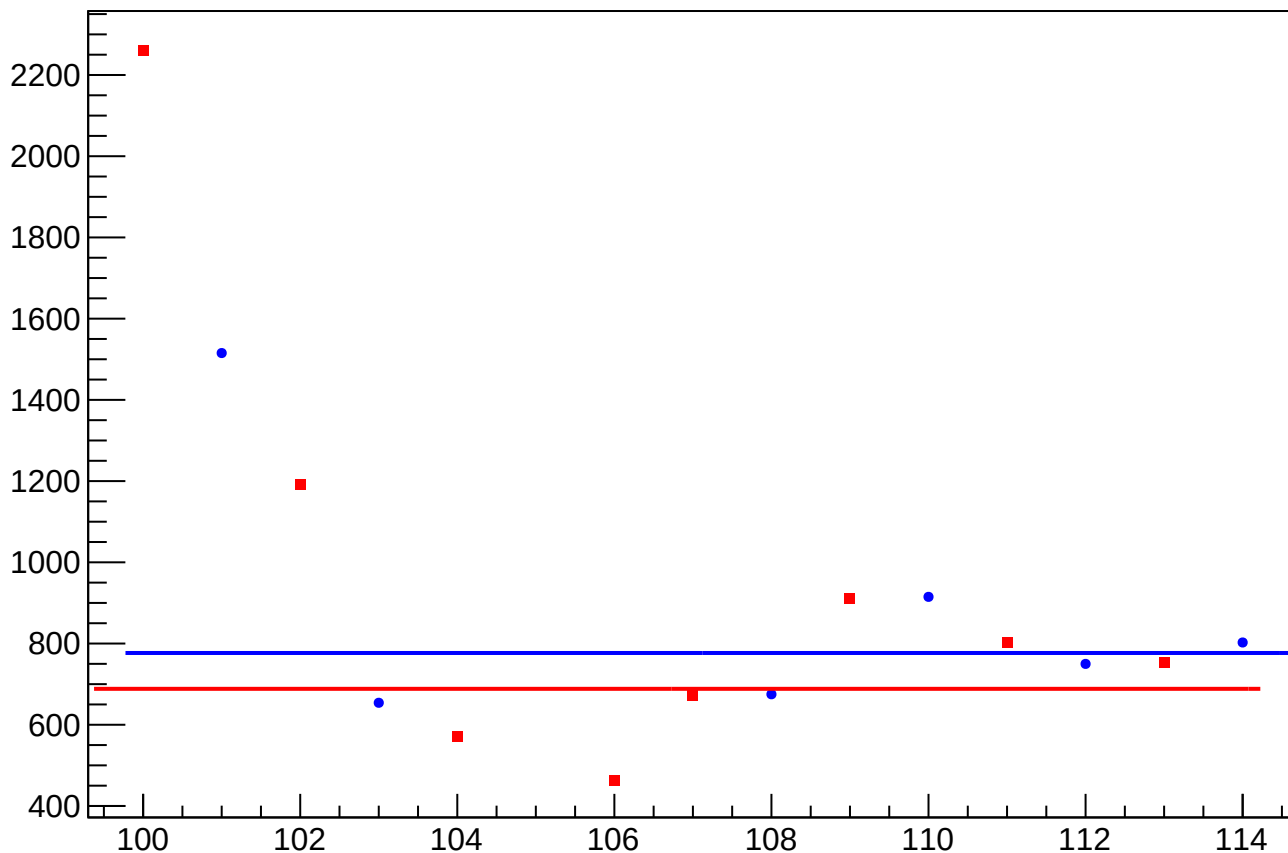
Right: -404.584+/-319.593 χ^2/NDF : 15.6/13

In: -637.076+/-499.231 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.584+/-319.593 χ^2/NDF : 15.6/13

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 776.752+/-0.353 χ^2/NDF : 388463.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 688.486+/-0.294 χ^2/NDF : 485751.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

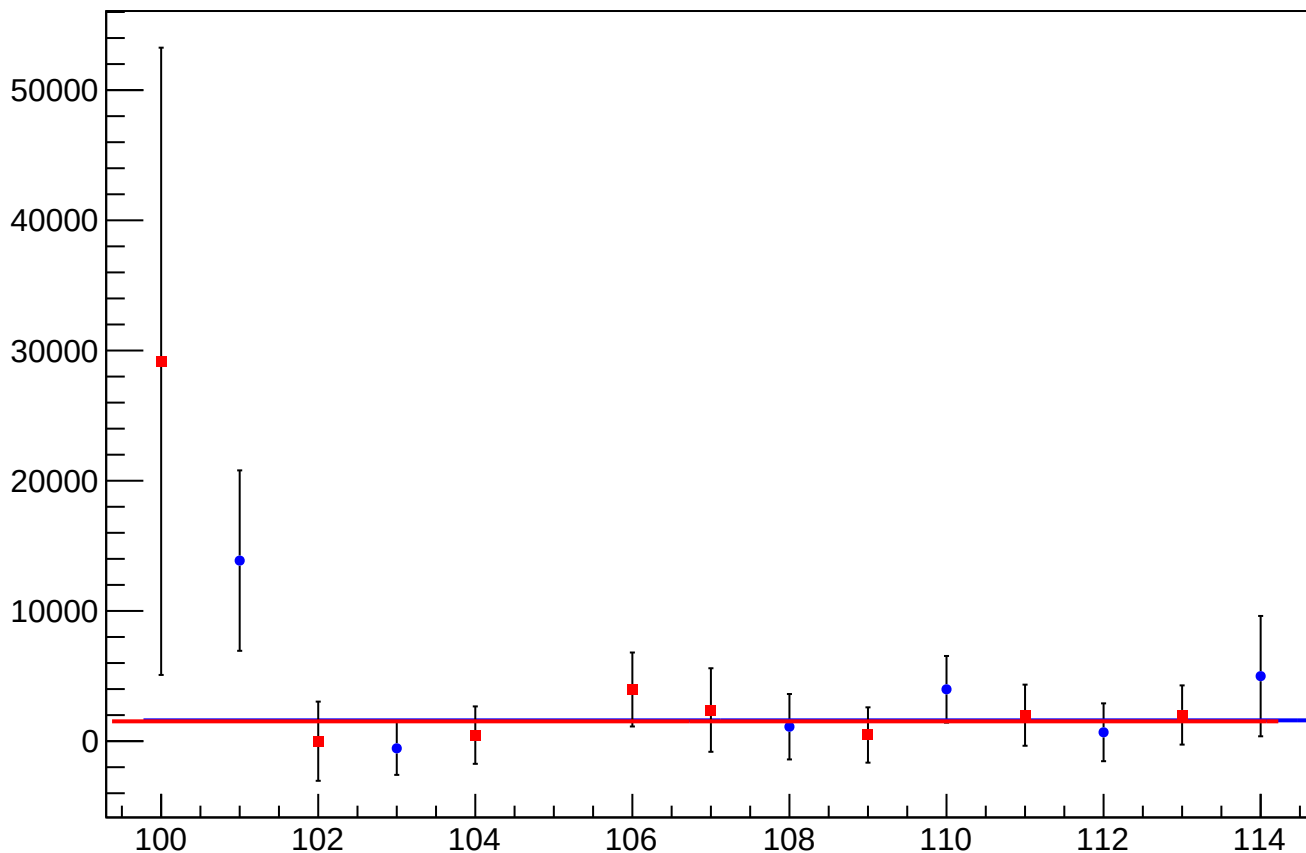
Right: 724.659+/-0.226 χ^2/NDF : 911112.8/13

In: 776.752+/-0.353 χ^2/NDF : 388463.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.659+/-0.226 χ^2/NDF : 911112.8/13

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1597.627+/-1103.104 χ^2 /NDF: 5.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1521.722+/-939.427 χ^2 /NDF: 2.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

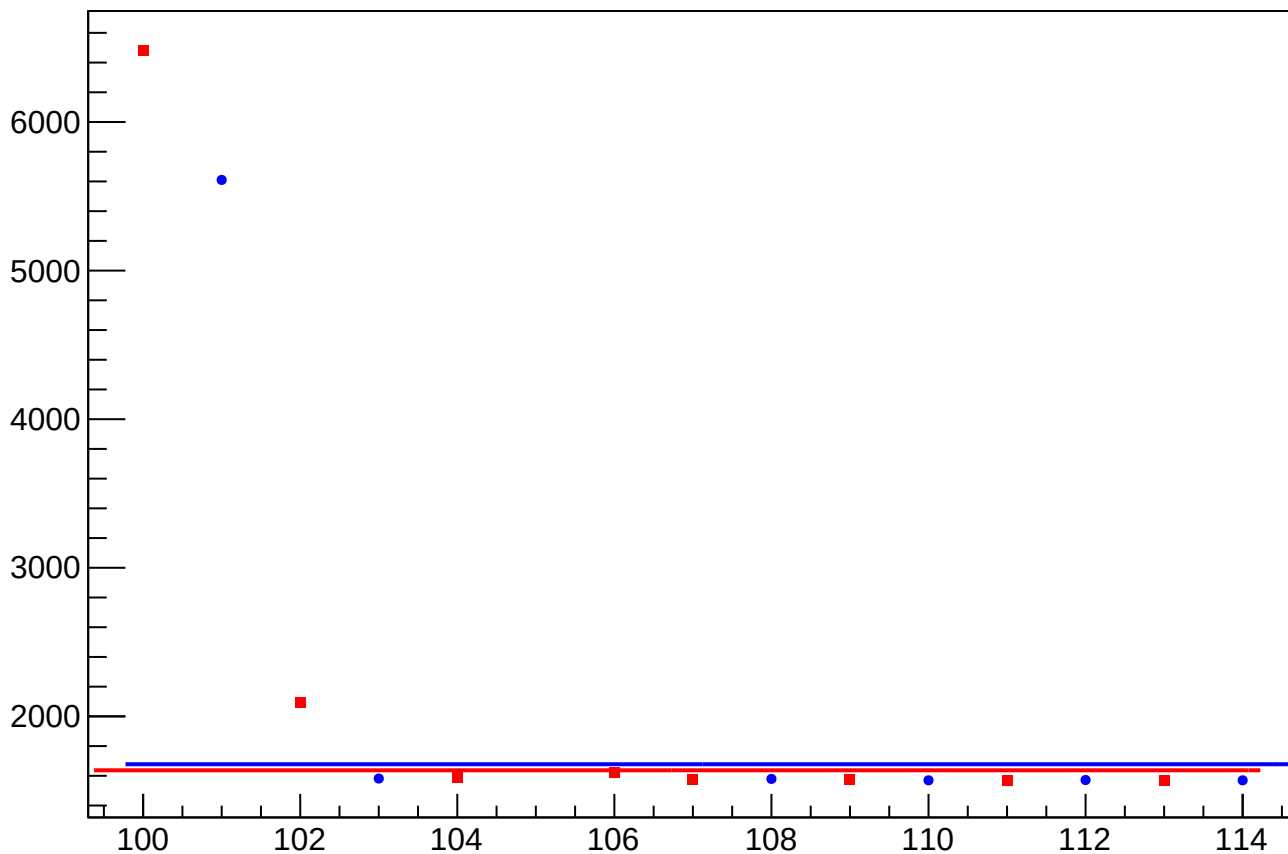
Right: 1553.631+/-715.214 χ^2 /NDF: 8.8/13

In: 1597.627+/-1103.104 χ^2 /NDF:5.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1553.631+/-715.214 χ^2 /NDF: 8.8/13

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

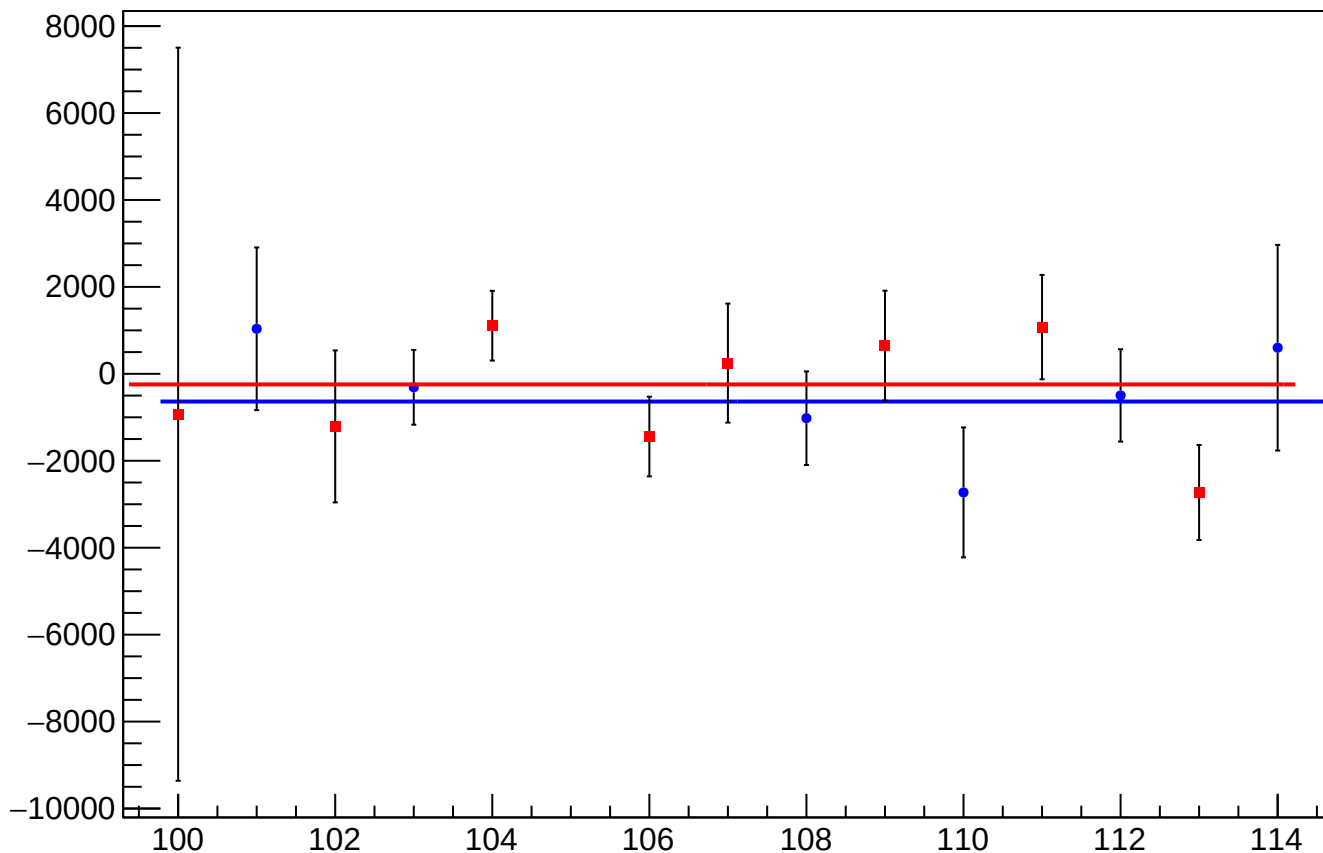
Right: 1654.267+/-0.506 χ^2/NDF : 796006.6/13

In: 1677.898+/-0.780 χ^2/NDF : 661007.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.267+/-0.506 χ^2/NDF : 796006.6/13

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

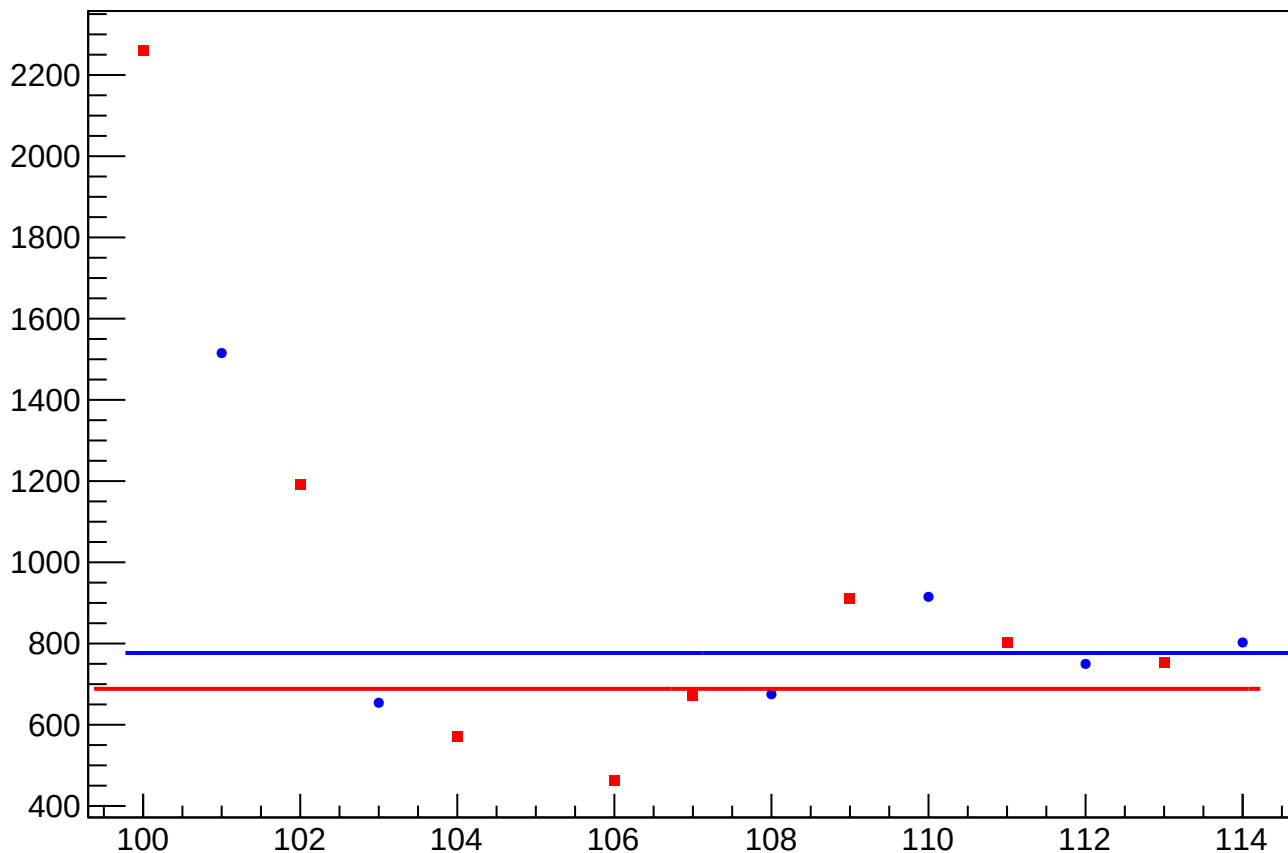
Right: -404.584+/-319.593 χ^2/NDF : 15.6/13

In: -637.076+/-499.231 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.584+/-319.593 χ^2/NDF : 15.6/13

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 776.752+/-0.353 χ^2/NDF : 388463.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 688.486+/-0.294 χ^2/NDF : 485751.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

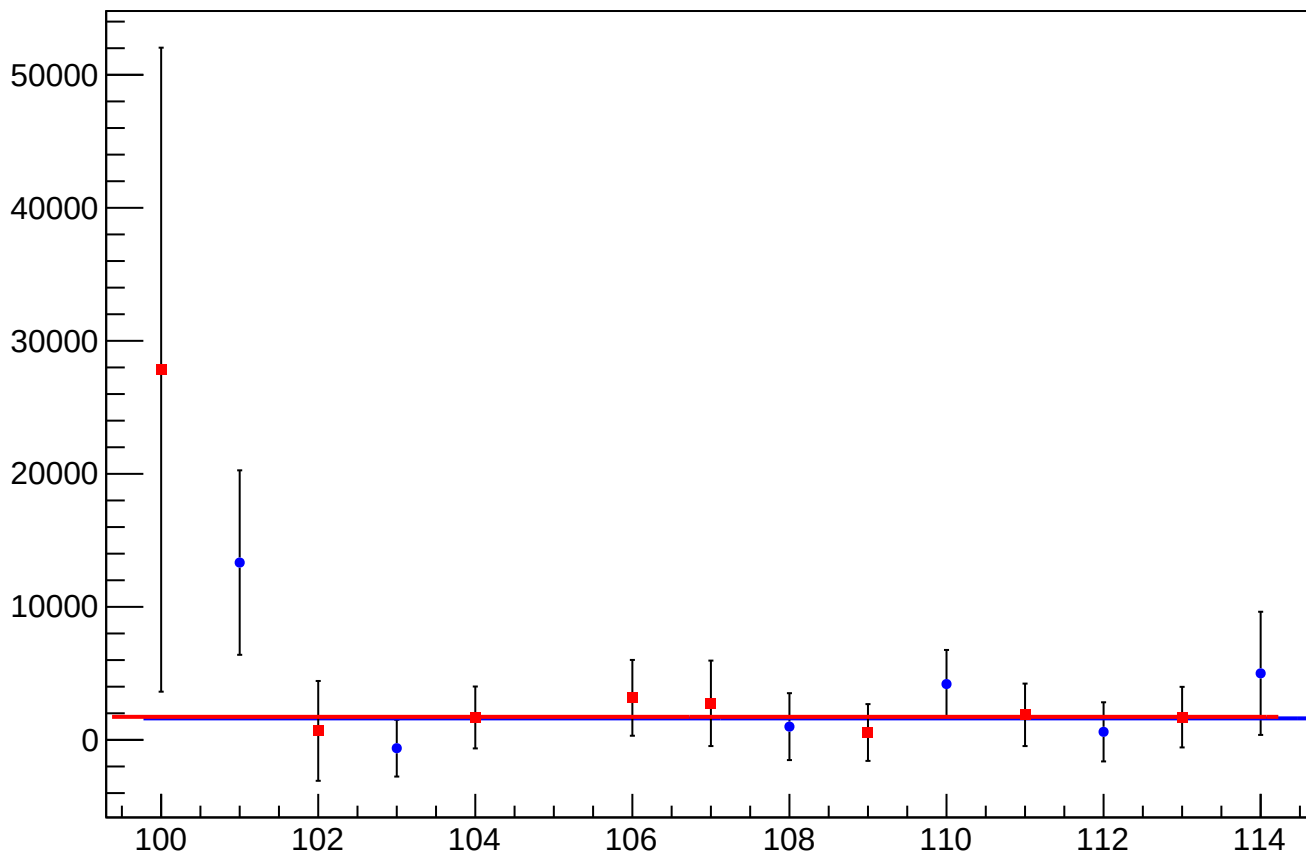
Right: 724.659+/-0.226 χ^2/NDF : 911112.8/13

In: 776.752+/-0.353 χ^2/NDF :388463.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 724.659+/-0.226 χ^2/NDF : 911112.8/13

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

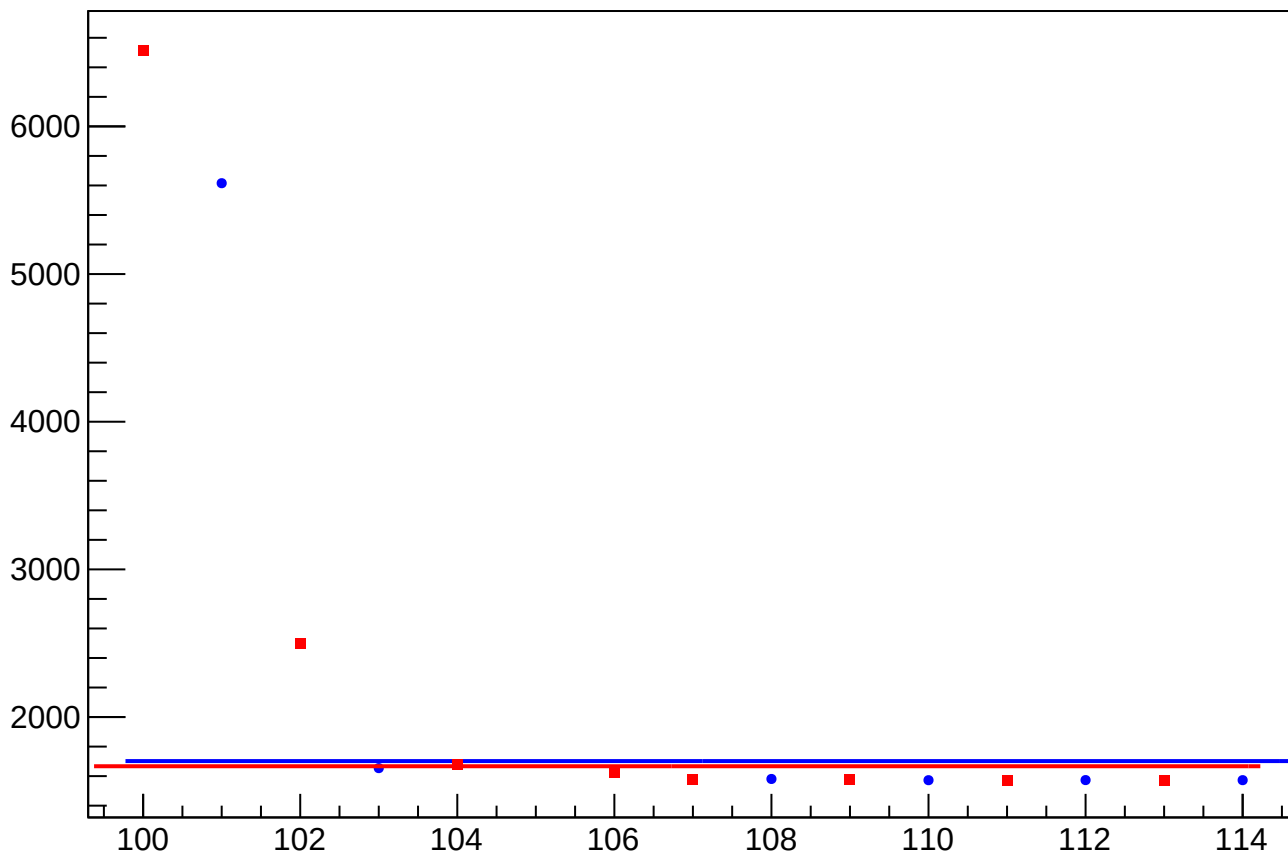
Right: 1682.698+/-731.118 χ^2/NDF : 7.7/13

In: 1616.363+/-1118.274 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1682.698+/-731.118 χ^2/NDF : 7.7/13

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1701.858+/-0.791 χ^2/NDF : 655875.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.890+/-0.683 χ^2/NDF : 190237.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

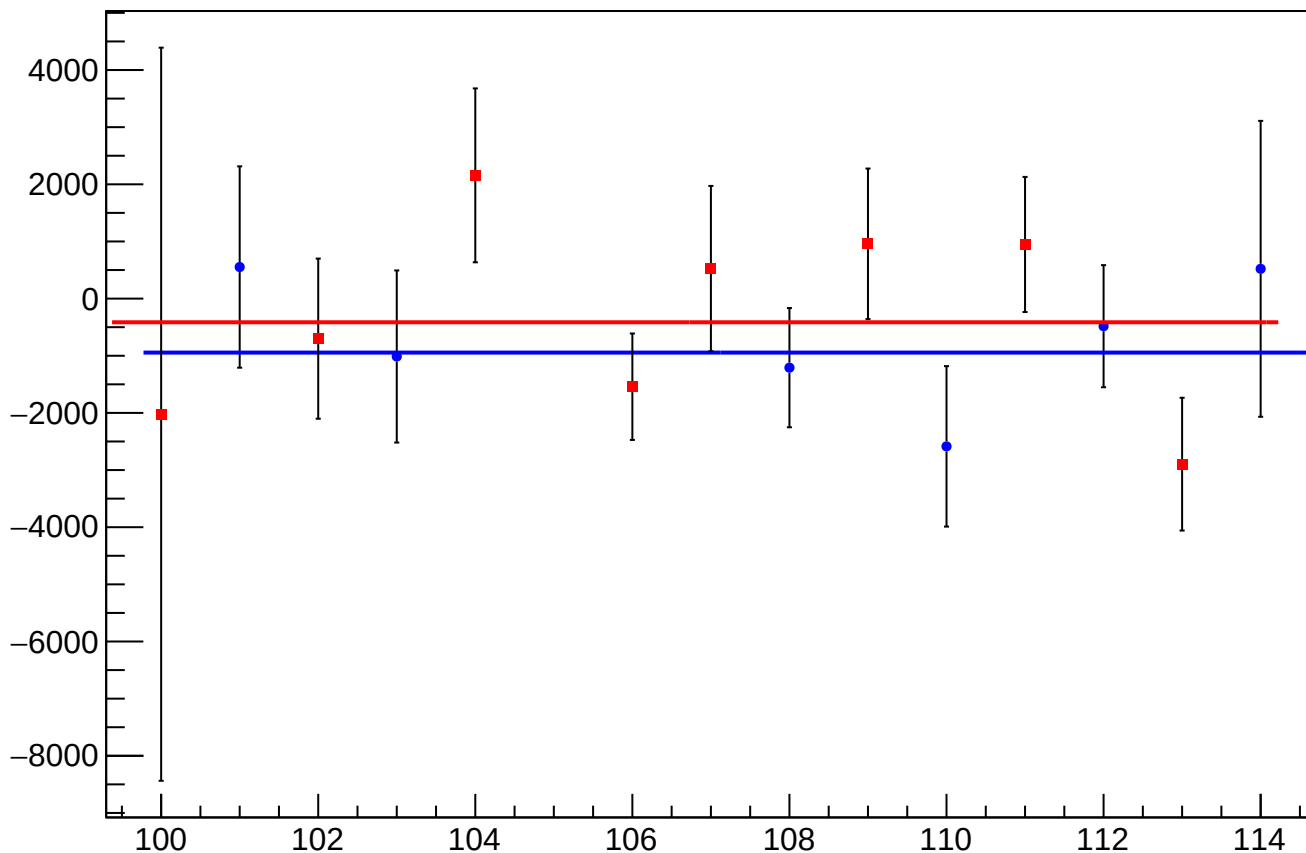
Right: 1681.837+/-0.517 χ^2/NDF : 847232.6/13

In: 1701.858+/-0.791 χ^2/NDF : 655875.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.837+/-0.517 χ^2/NDF : 847232.6/13

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

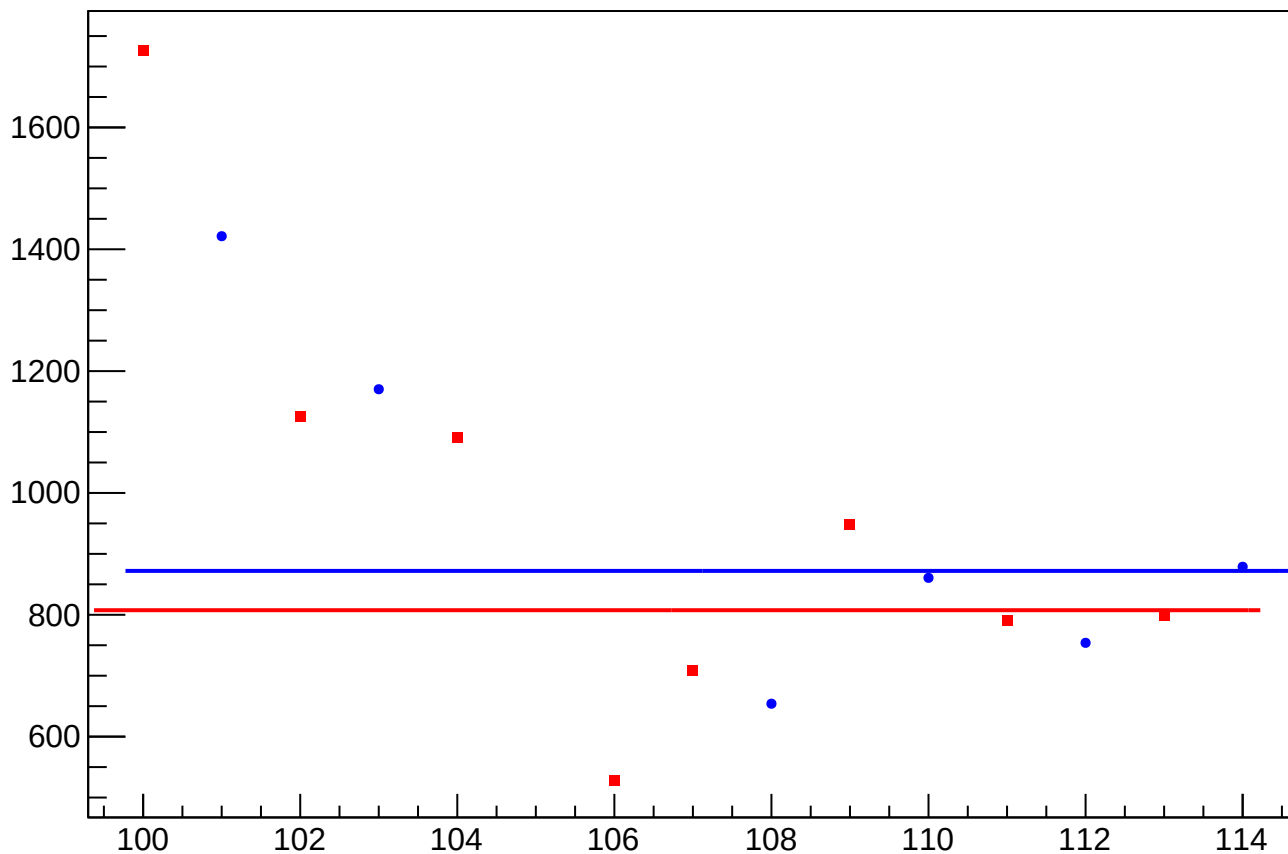
Right: -631.417+/-357.043 χ^2/NDF : 15.0/13

In: -944.426+/-557.730 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.417+/-357.043 χ^2/NDF : 15.0/13

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

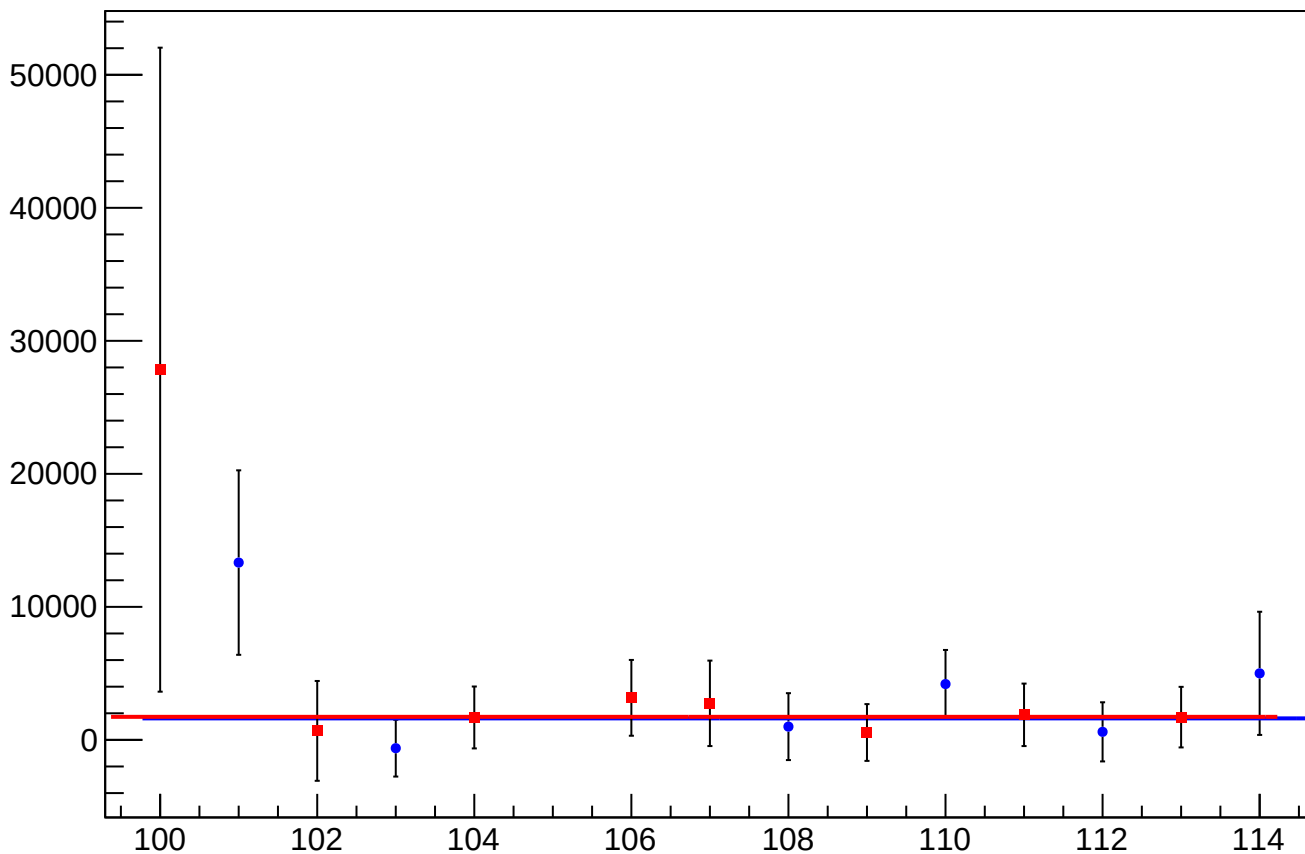
Right: 833.961+/-0.252 χ^2/NDF : 827134.0/13

In: 872.047+/-0.394 χ^2/NDF : 384917.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.961+/-0.252 χ^2/NDF : 827134.0/13

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1616.365+/-1118.274 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1732.220+/-966.225 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

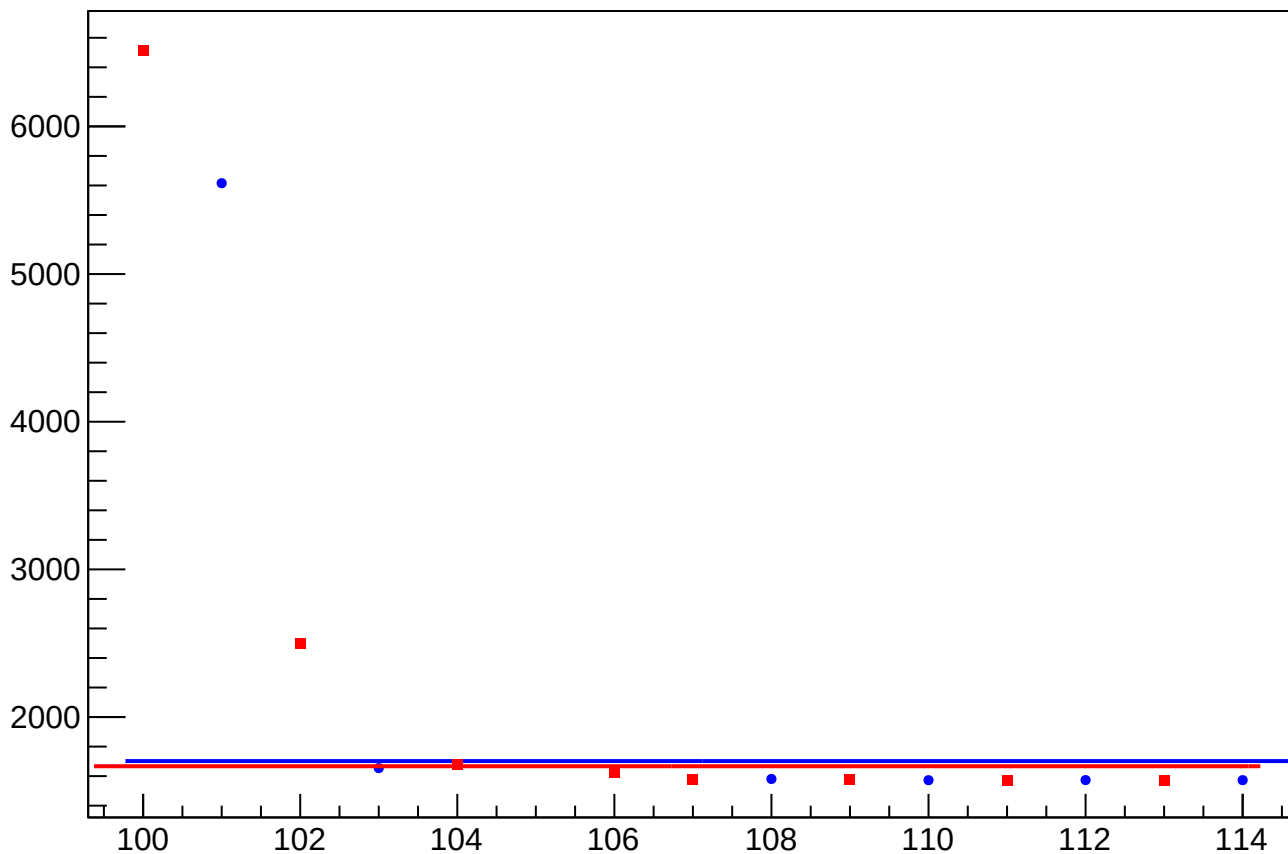
Right: 1682.699+/-731.118 χ^2/NDF : 7.7/13

In: 1616.365+/-1118.274 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1682.699+/-731.118 χ^2/NDF : 7.7/13

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1701.858+/-0.791 χ^2/NDF : 655875.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.890+/-0.683 χ^2/NDF : 190237.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

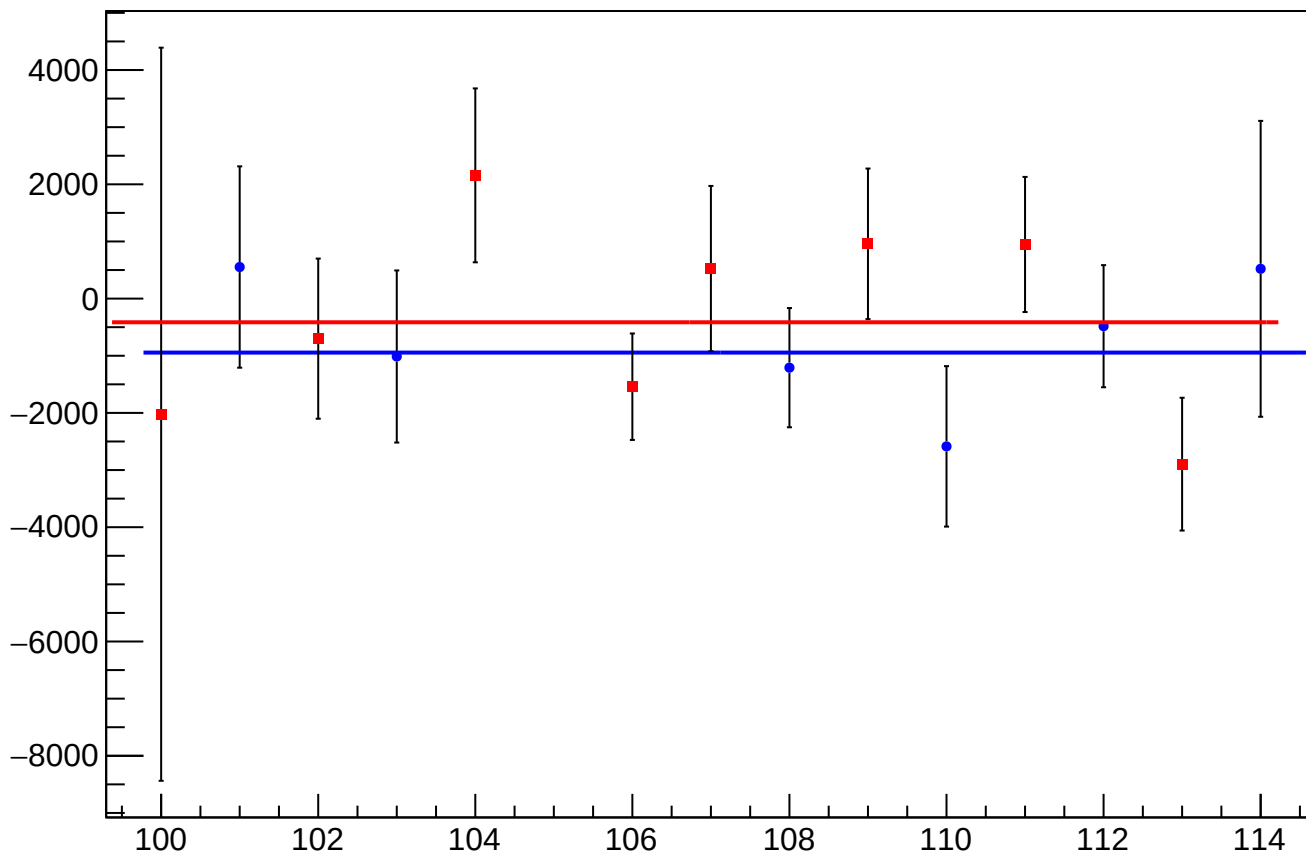
Right: 1681.837+/-0.517 χ^2/NDF : 847232.5/13

In: 1701.858+/-0.791 χ^2/NDF : 655875.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.837+/-0.517 χ^2/NDF : 847232.5/13

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

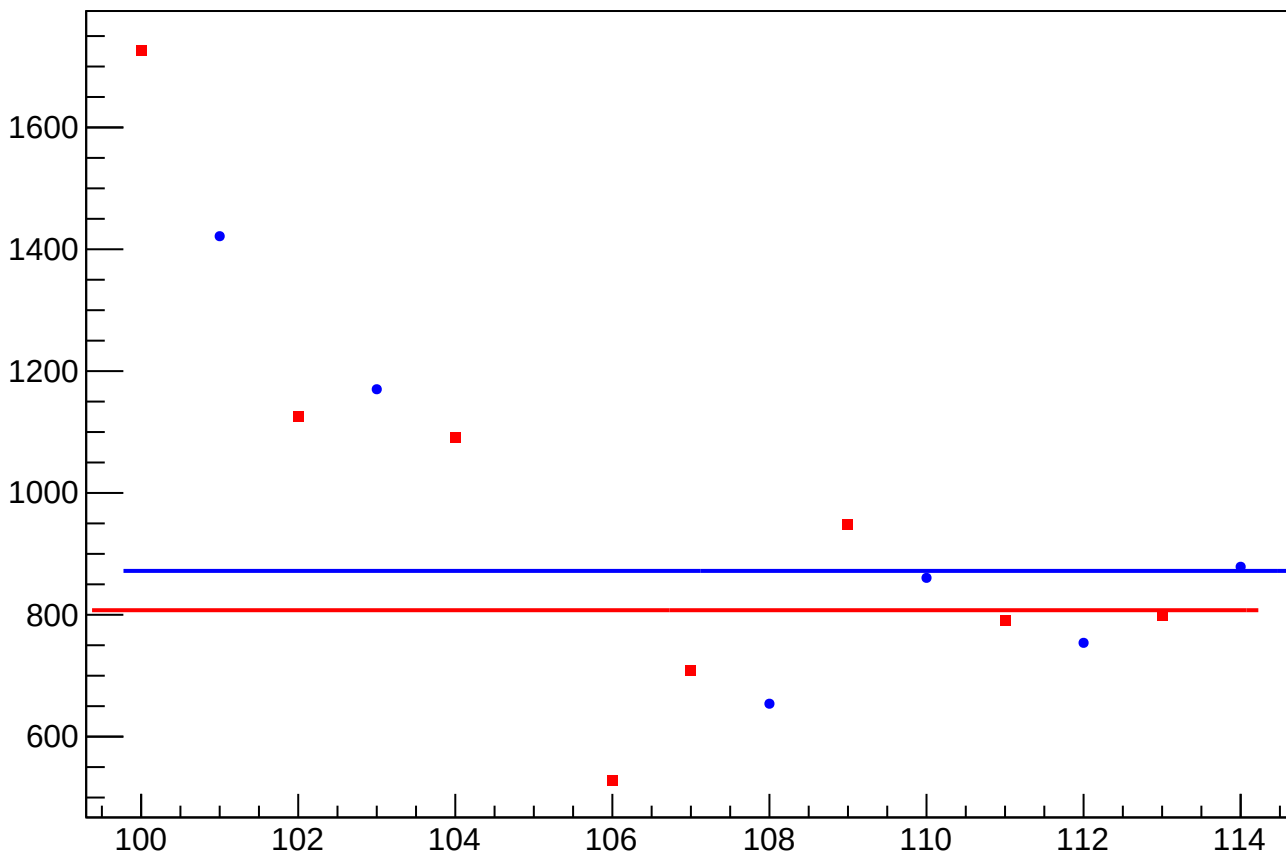
Right: -631.416+/-357.042 χ^2/NDF : 15.0/13

In: -944.423+/-557.727 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.416+/-357.042 χ^2/NDF : 15.0/13

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

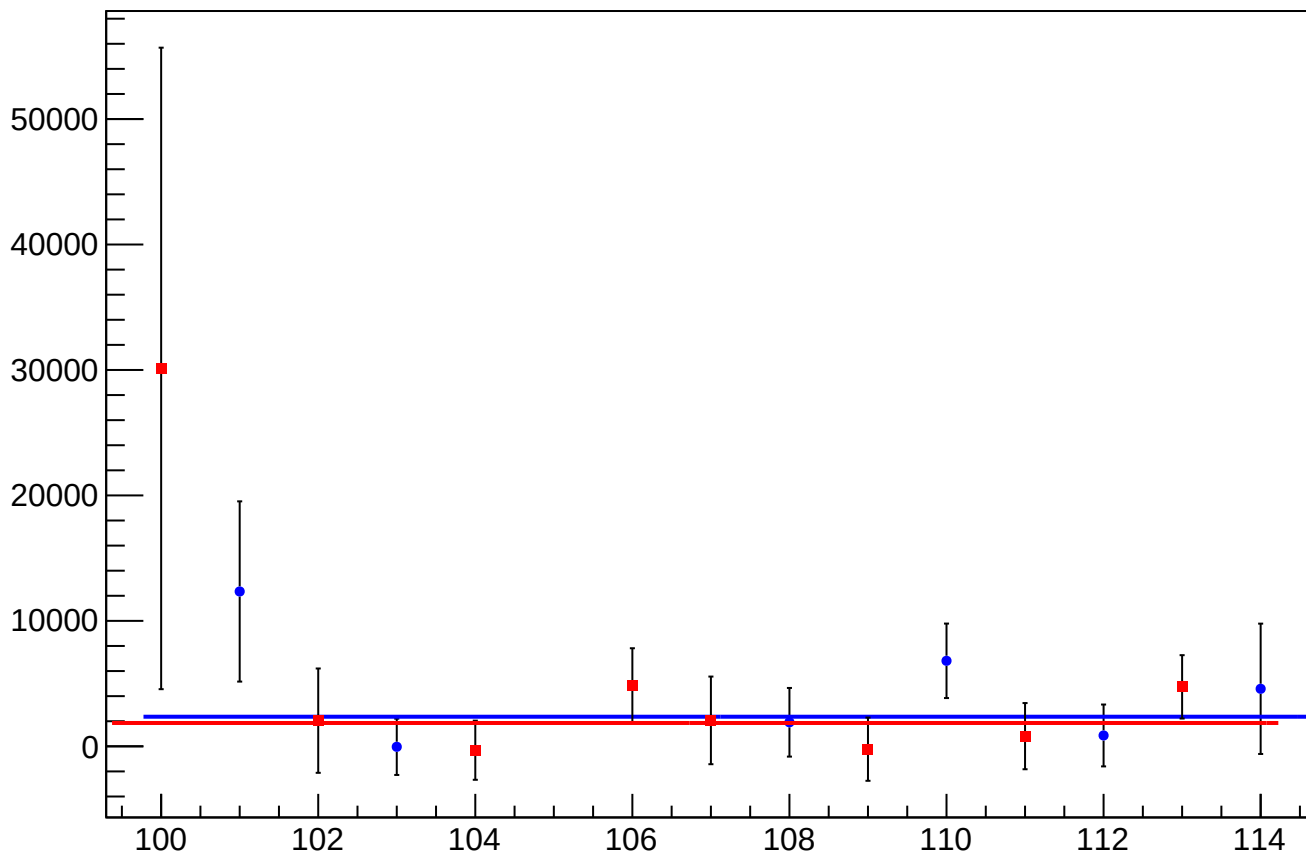
Right: 833.959+/-0.252 χ^2/NDF : 827132.9/13

In: 872.043+/-0.394 χ^2/NDF : 384920.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.959+/-0.252 χ^2/NDF : 827132.9/13

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2359.929+/-1224.801 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.626+/-1057.164 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

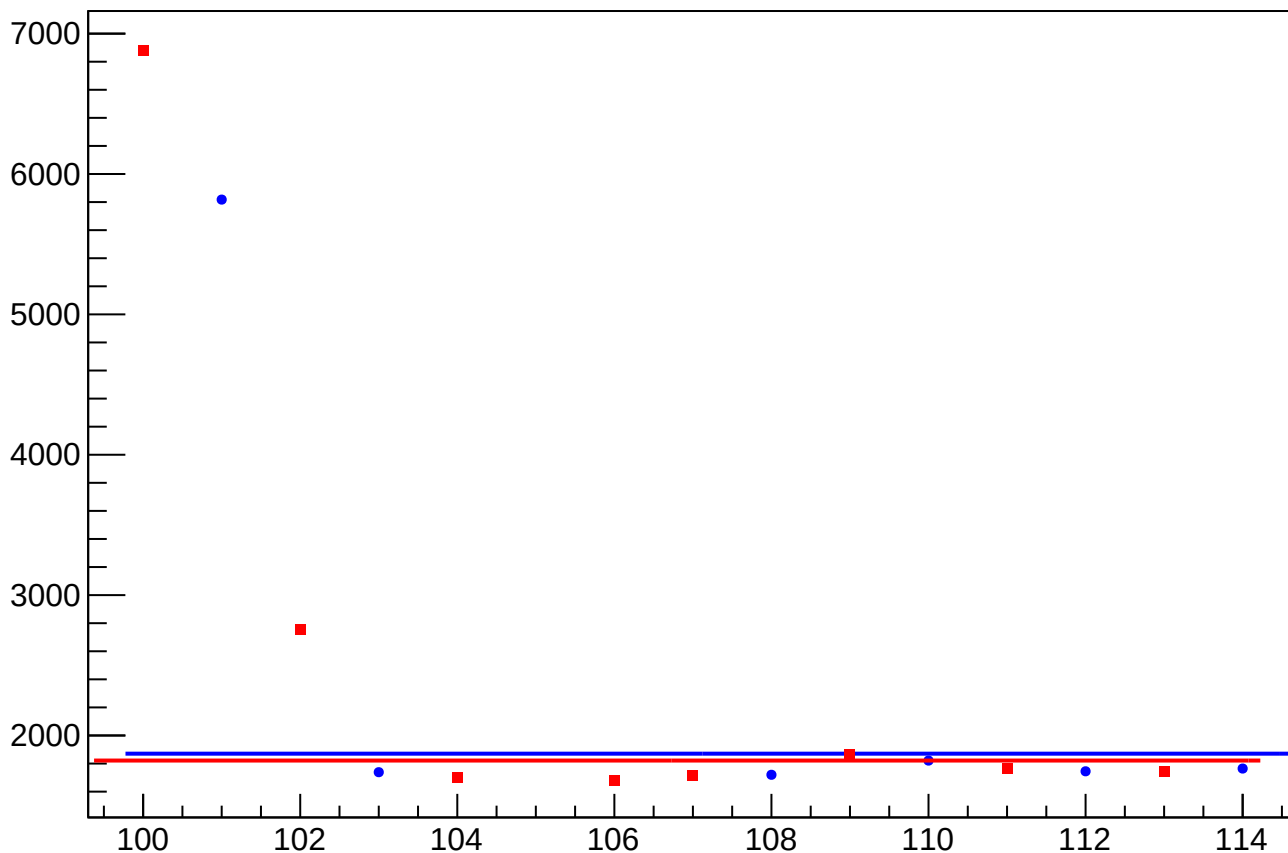
Right: 2073.794+/-800.286 χ^2/NDF : 11.3/13

In: 2359.929+/-1224.801 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.794+/-800.286 χ^2/NDF : 11.3/13

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

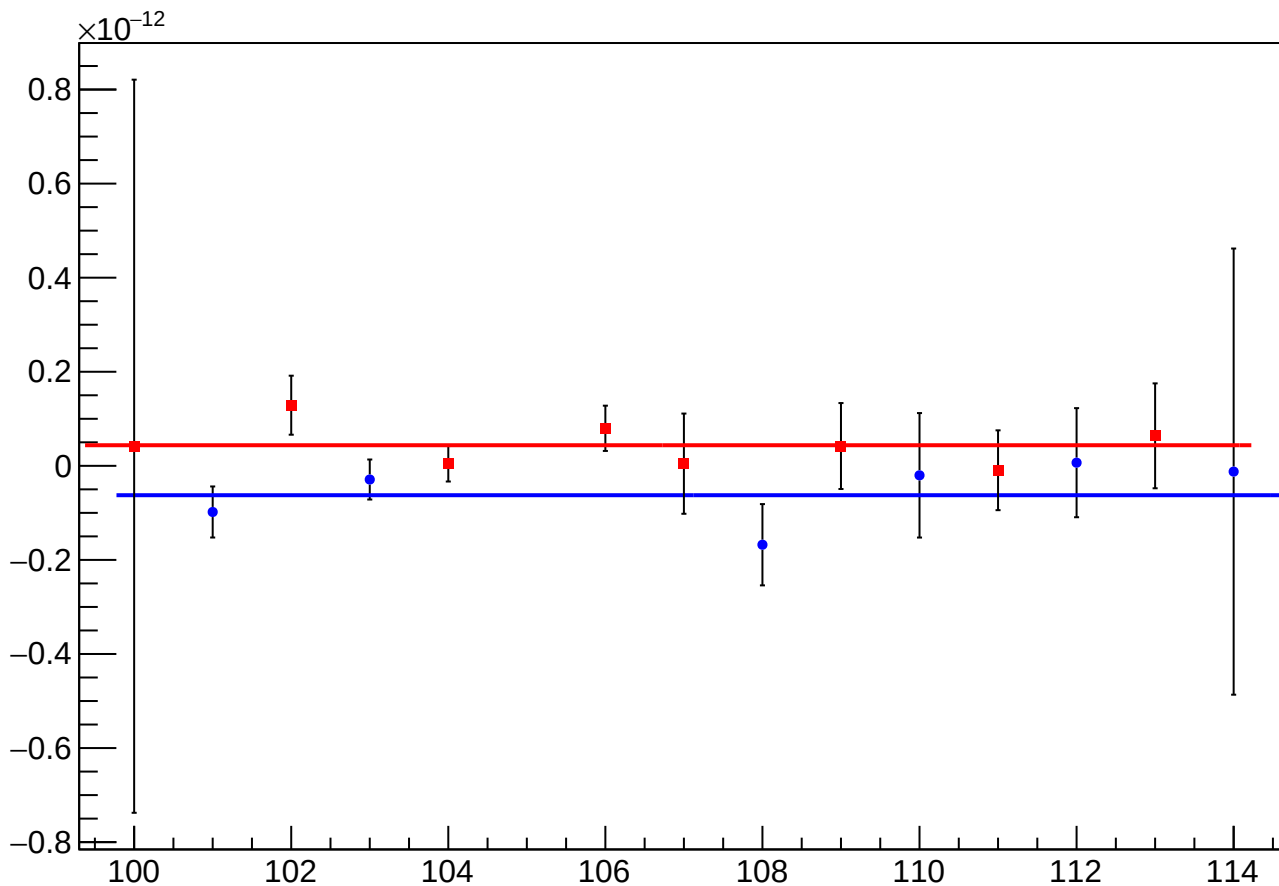
Right: 1842.395+/-0.566 χ^2/NDF : 820053.8/13

In: 1870.475+/-0.866 χ^2/NDF : 623340.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.395+/-0.566 χ^2/NDF : 820053.8/13

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

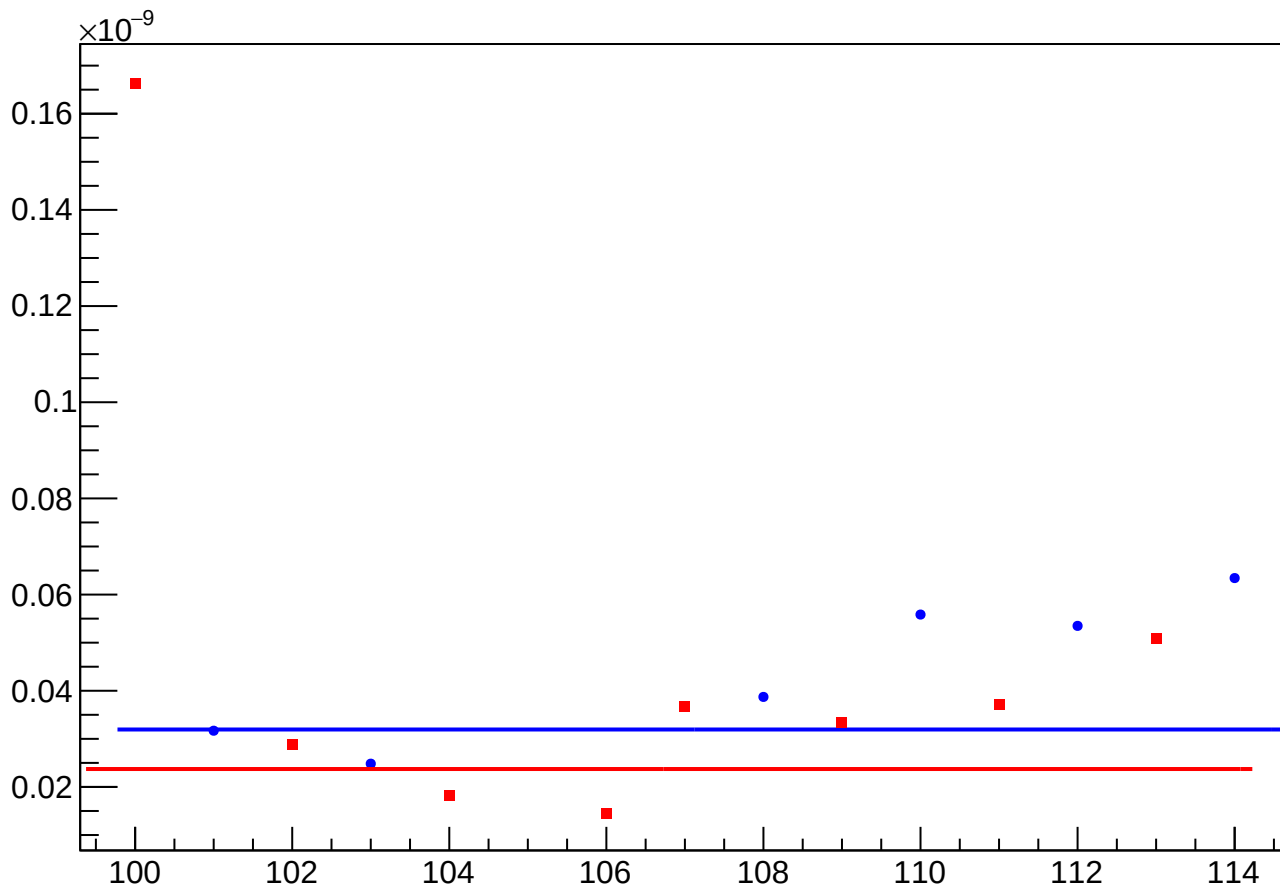
Right: 0.000+/-0.000 χ^2/NDF : 15.1/13

In: -0.000+/-0.000 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.1/13

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

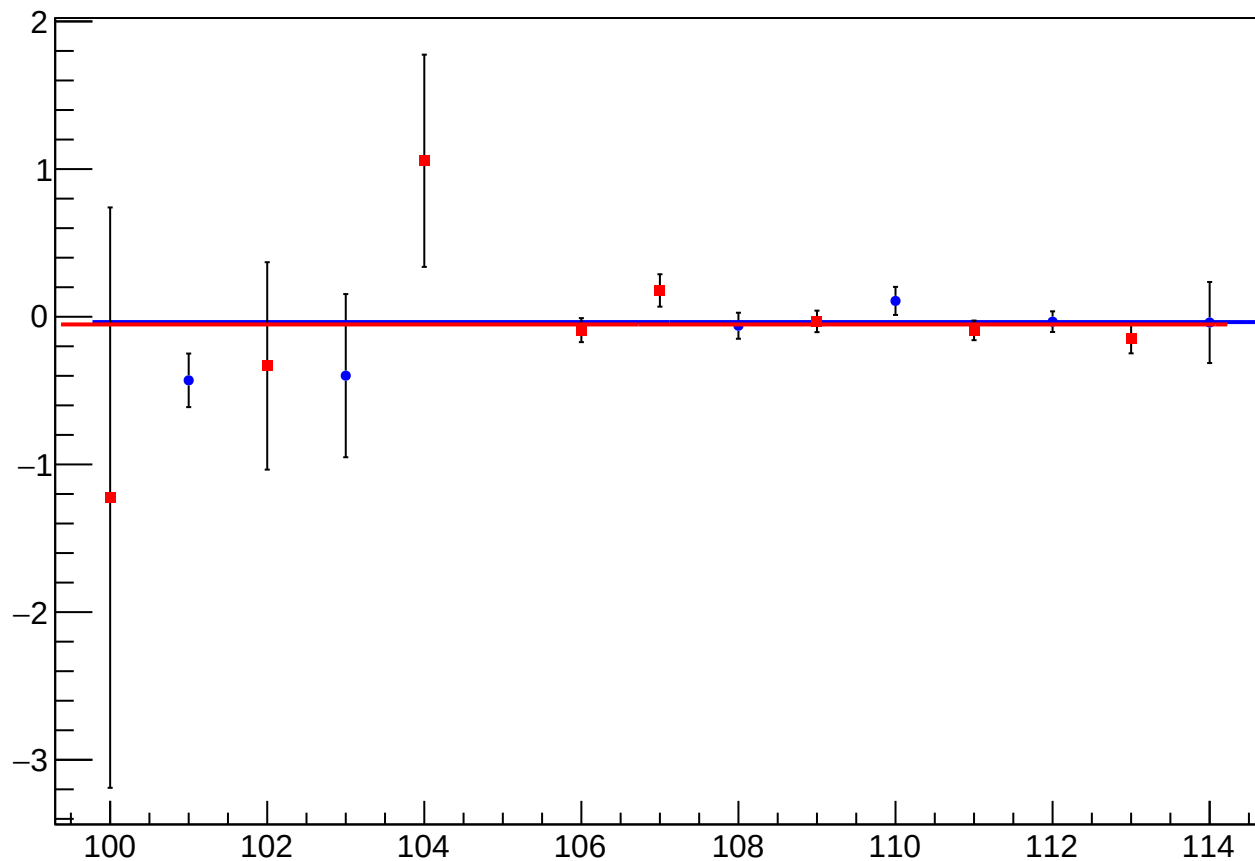
Right: 0.000+/-0.000 χ^2/NDF : 725645.5/13

In: 0.000+/-0.000 χ^2/NDF : 211354.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 725645.5/13

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

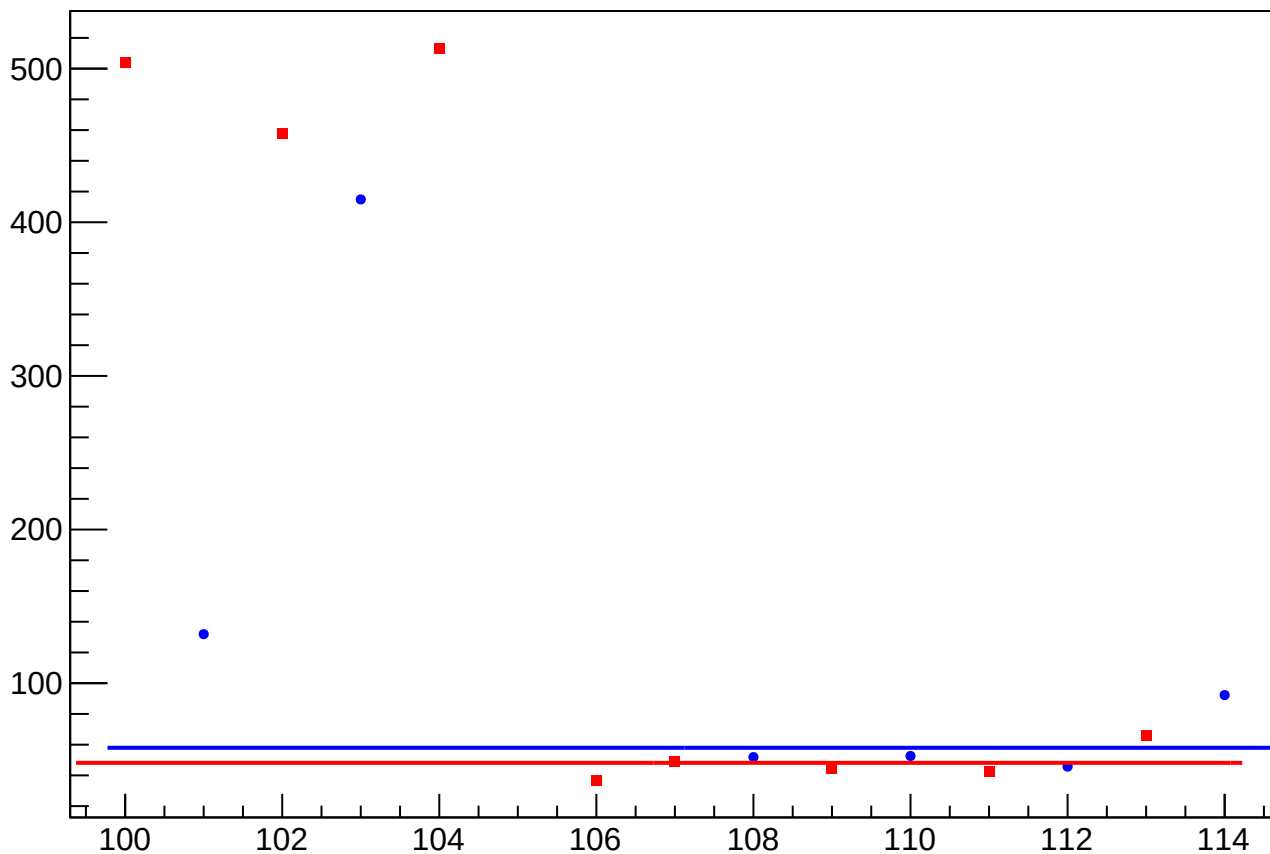
Right: -0.046 $\pm$ 0.028 χ^2 /NDF: 16.4/13

In: -0.036 $\pm$ 0.045 χ^2 /NDF:7.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.028 χ^2 /NDF: 16.4/13

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

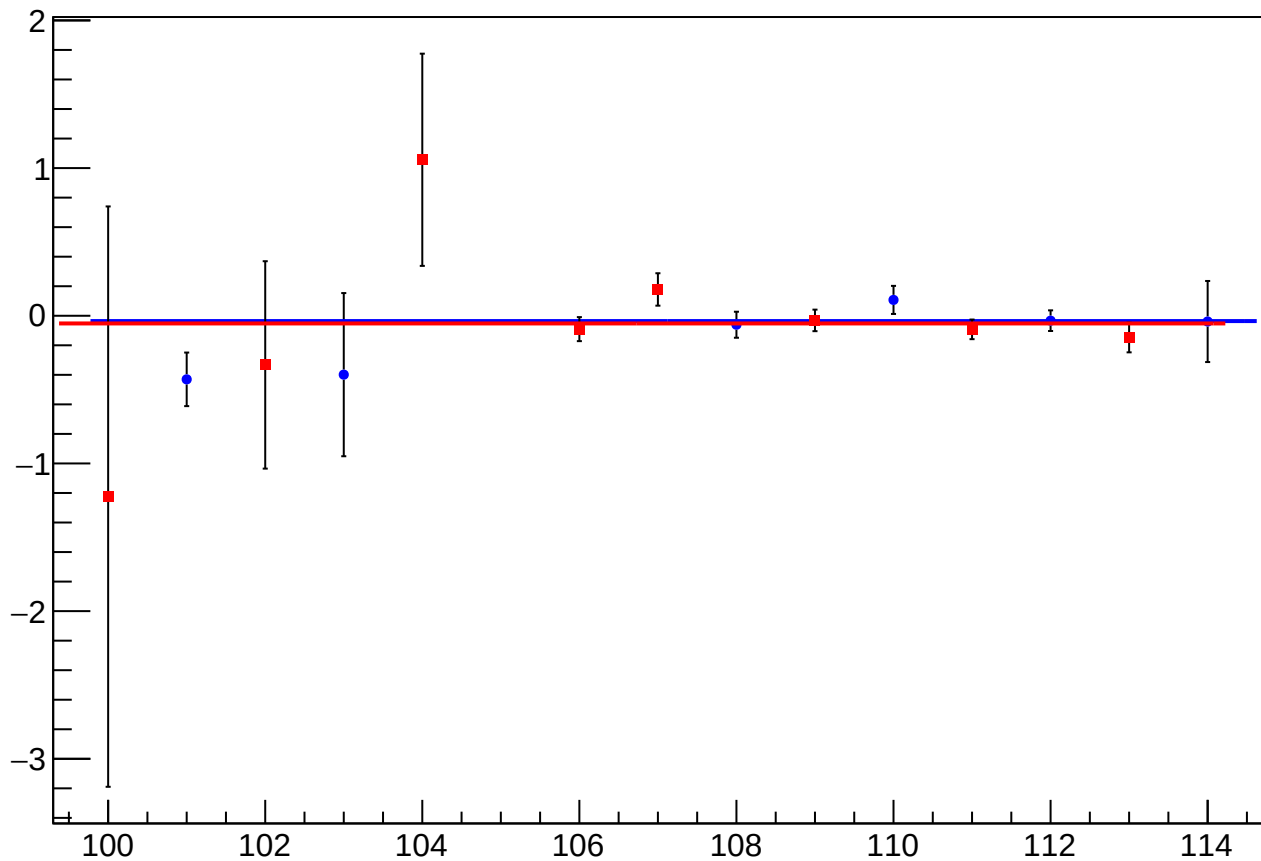
Right: 52.040+/-0.020 χ^2/NDF : 3081660.6/13

In: 57.974+/-0.032 χ^2/NDF : 1275384.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.040+/-0.020 χ^2/NDF : 3081660.6/13

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.045 χ^2/NDF : 7.5/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.052+/-0.036 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

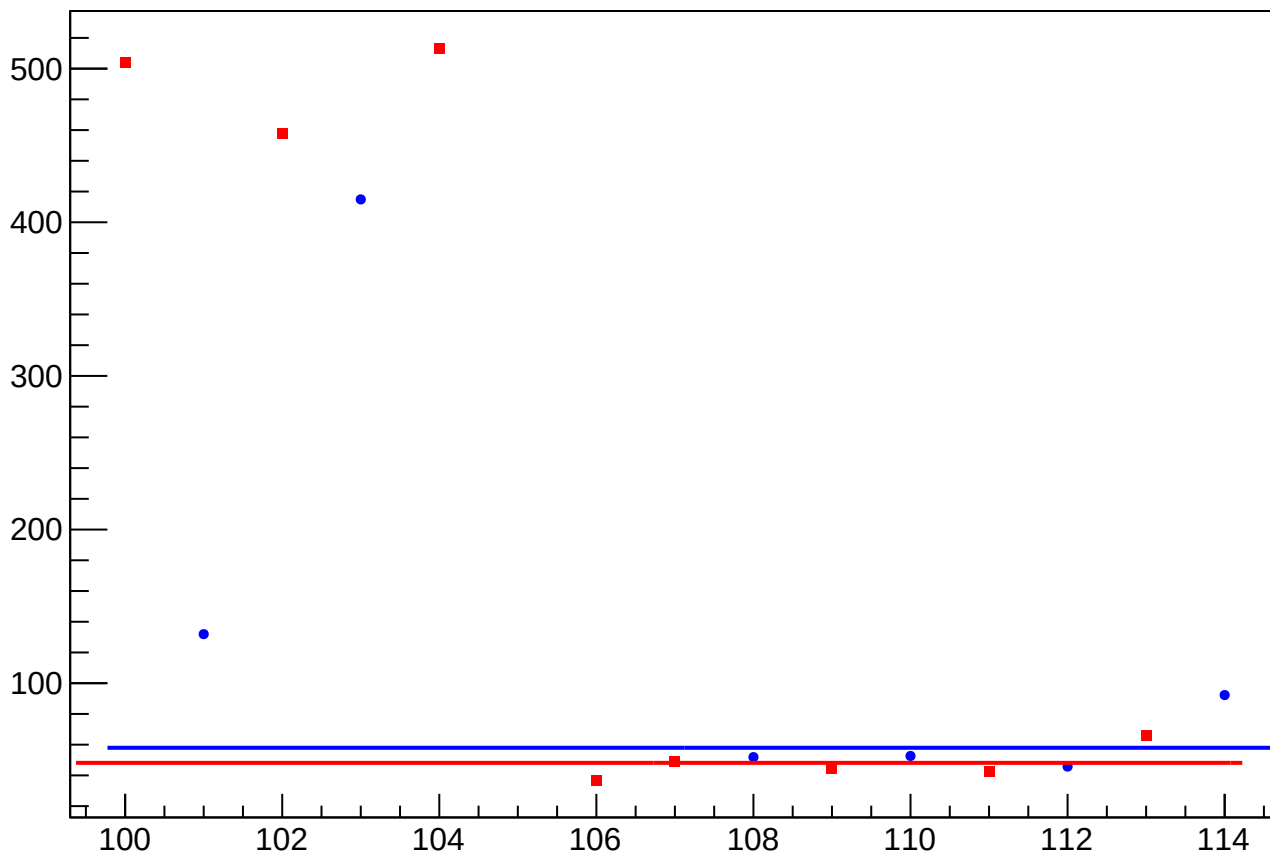
Right: -0.046+/-0.028 χ^2/NDF : 16.4/13

In: -0.036+/-0.045 χ^2/NDF :7.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.046+/-0.028 χ^2/NDF : 16.4/13

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

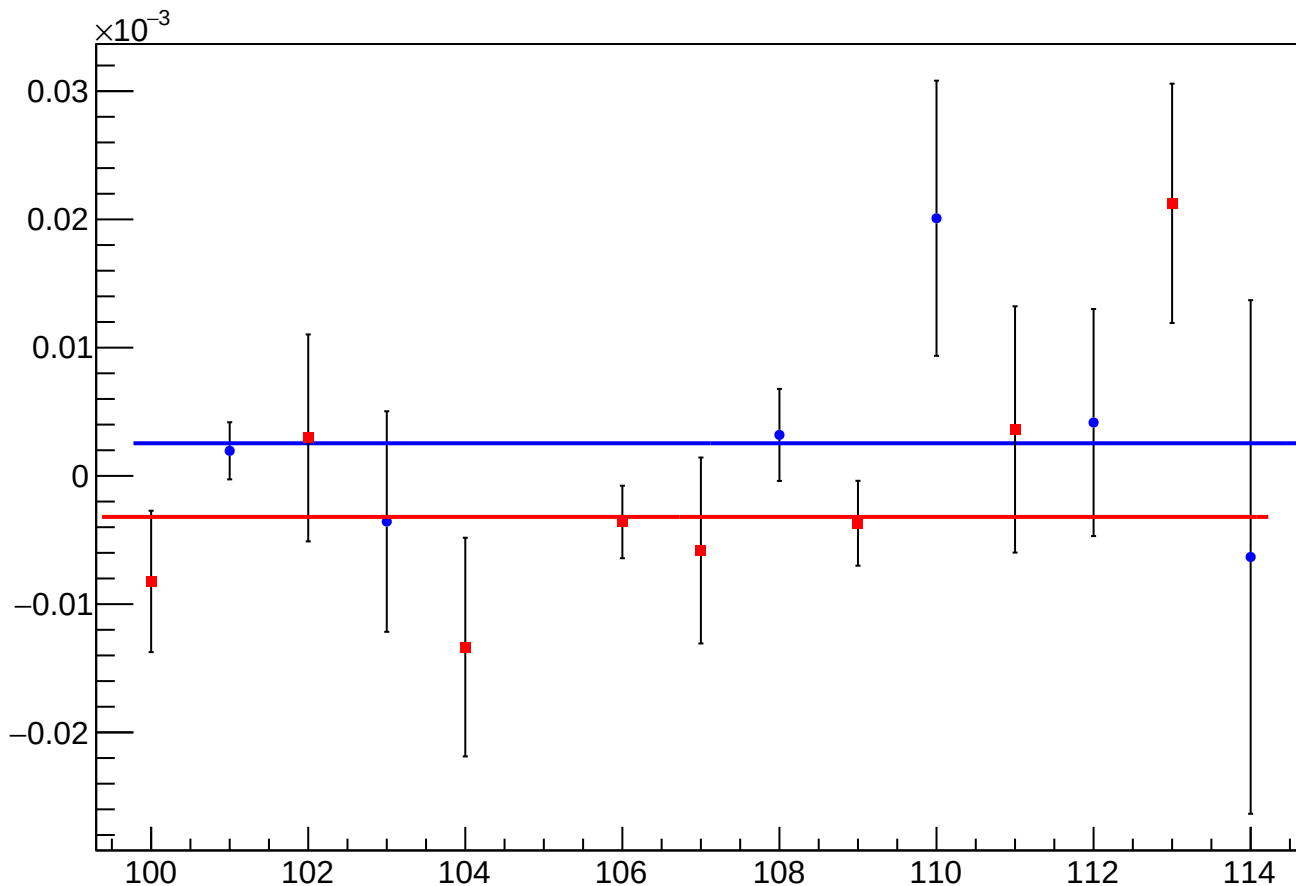
Right: 52.040+/-0.020 χ^2/NDF : 3081660.6/13

In: 57.974+/-0.032 χ^2/NDF : 1275384.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.040+/-0.020 χ^2/NDF : 3081660.6/13

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

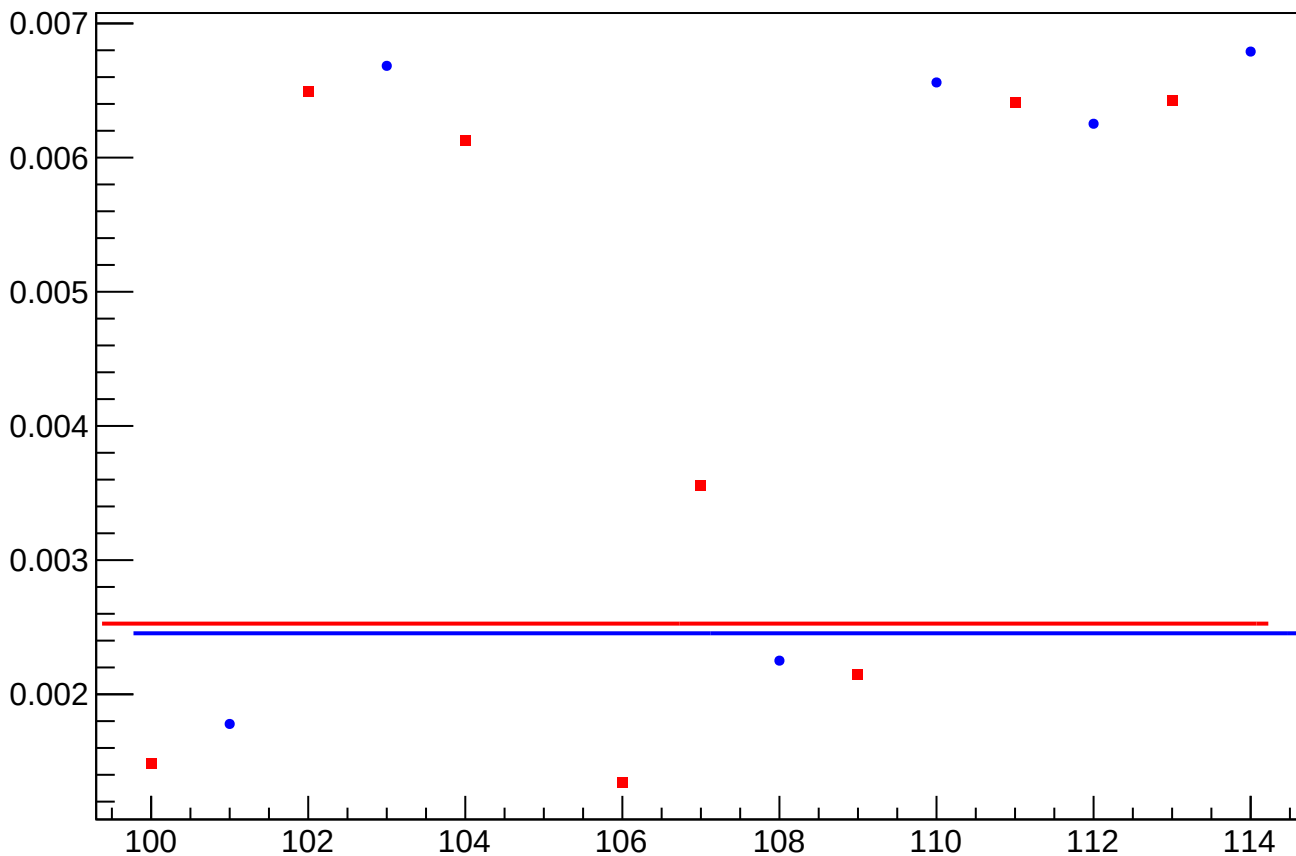
Right: -0.000+/-0.000 χ^2/NDF : 19.1/13

In: 0.000+/-0.000 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/13

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

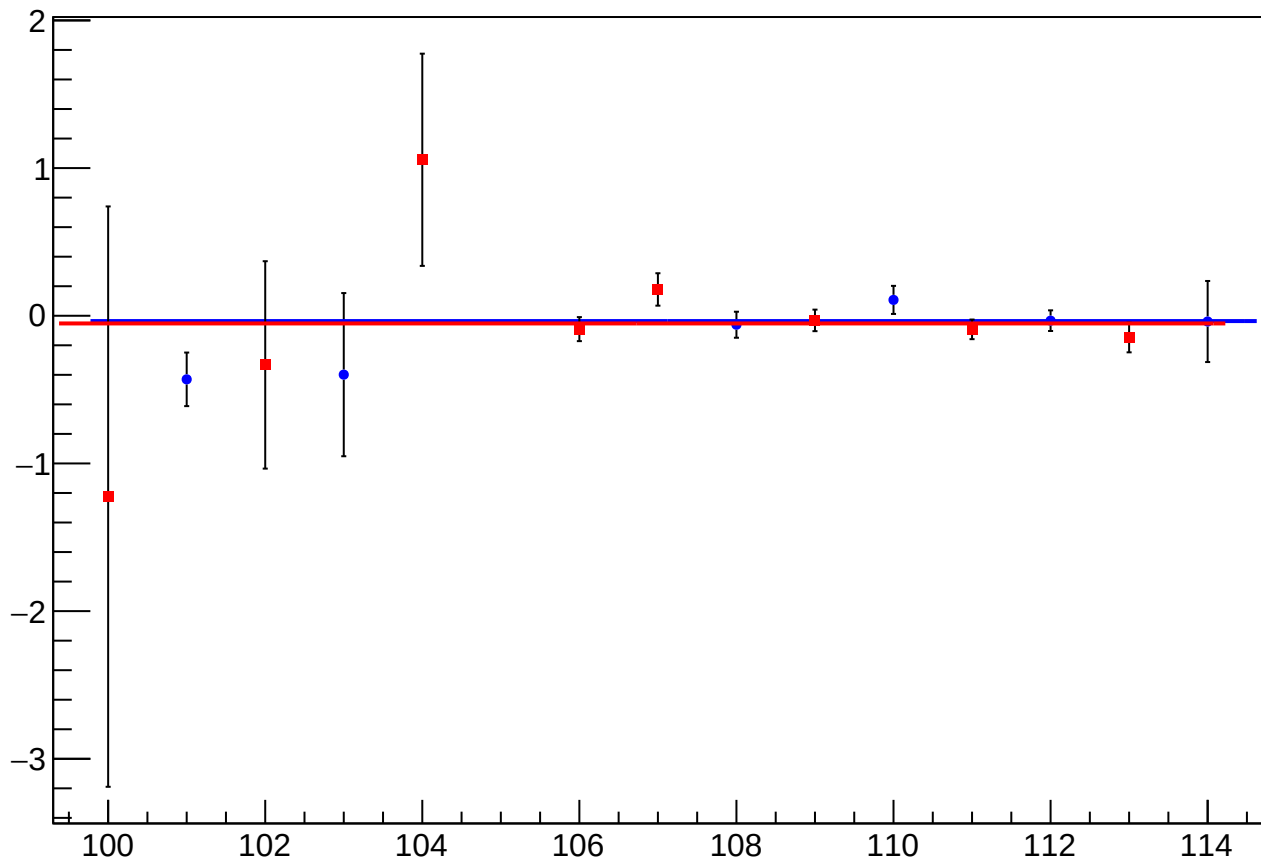
Right: 0.002+/-0.000 χ^2/NDF : 3436178.0/13

In: 0.002+/-0.000 χ^2/NDF : 1429151.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3436178.0/13

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

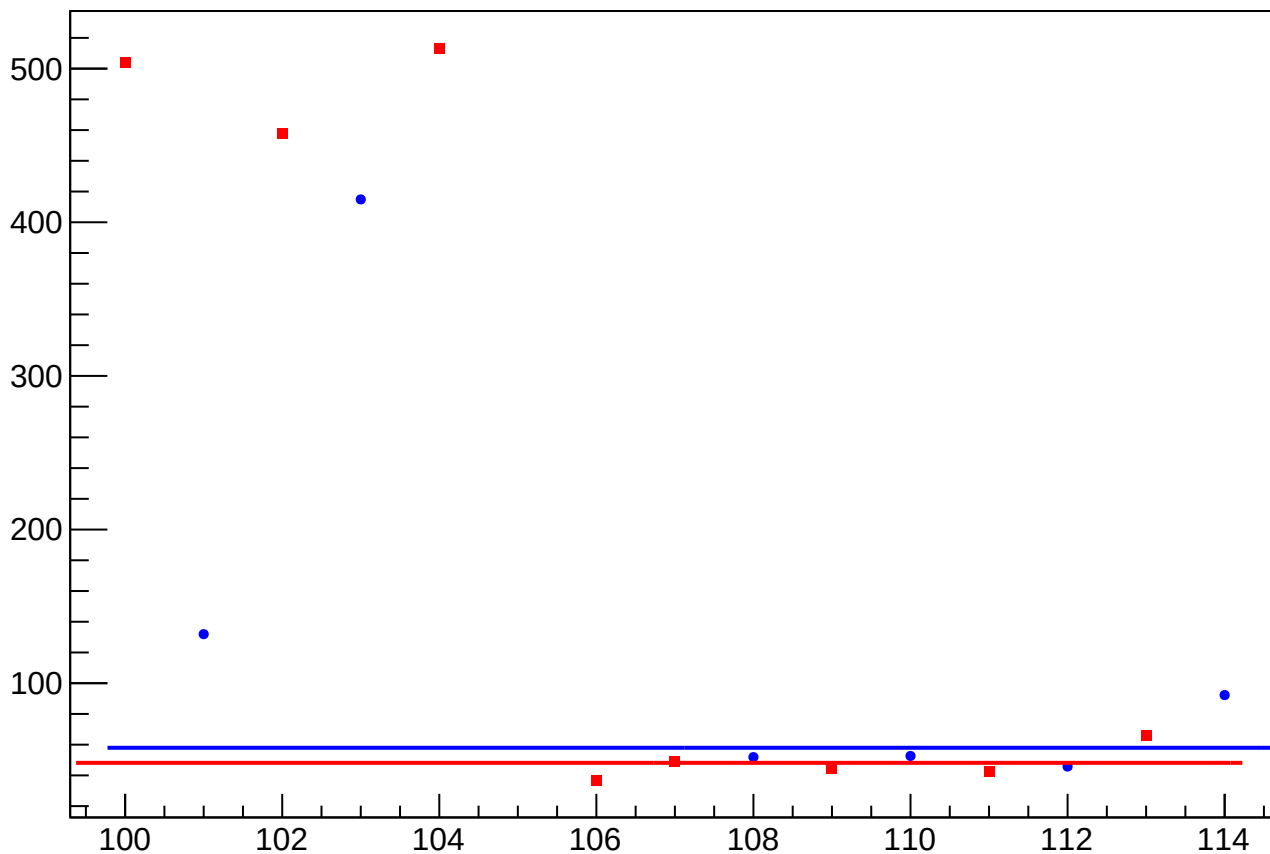
Right: -0.046 $\pm$ 0.028 χ^2 /NDF: 16.4/13

In: -0.036 $\pm$ 0.045 χ^2 /NDF:7.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.028 χ^2 /NDF: 16.4/13

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

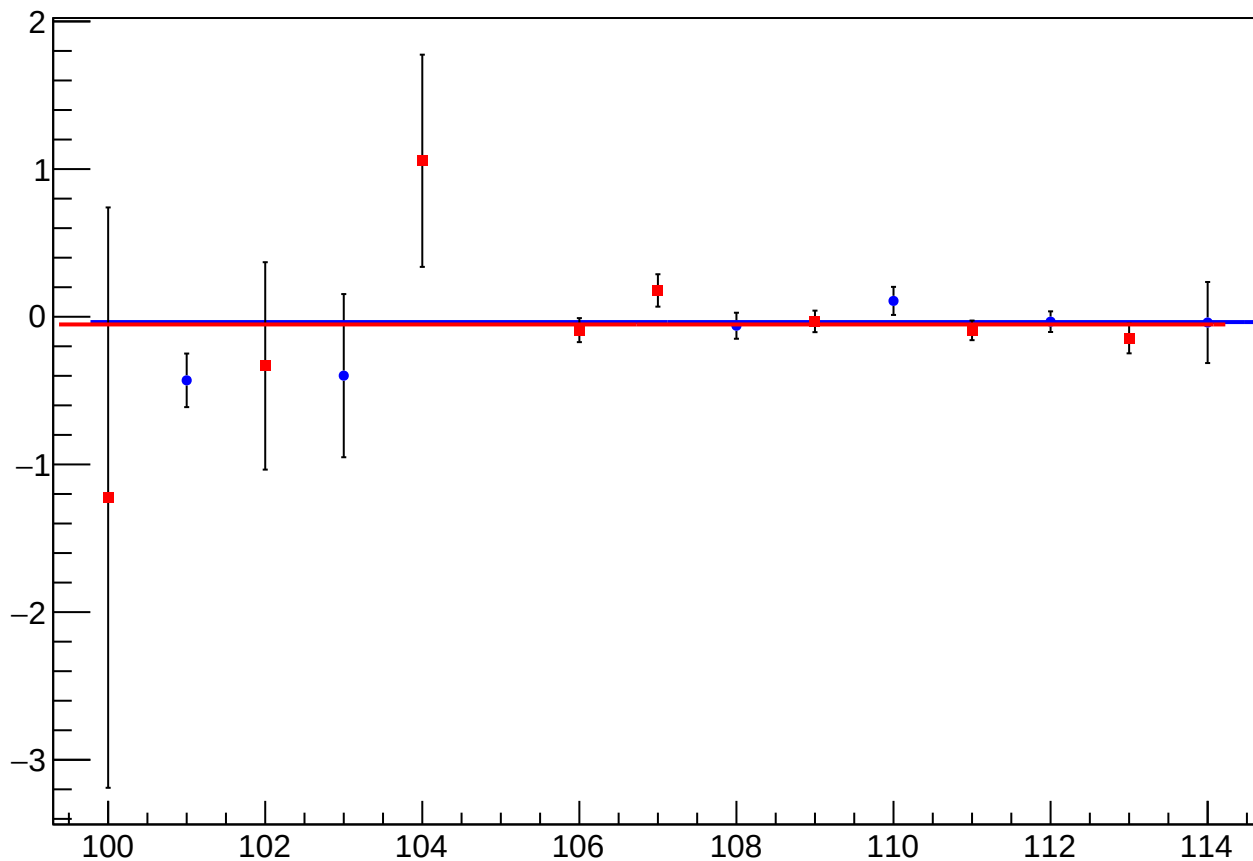
Right: 52.041+/-0.020 χ^2/NDF : 3081617.8/13

In: 57.976+/-0.032 χ^2/NDF : 1275354.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.041+/-0.020 χ^2/NDF : 3081617.8/13

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

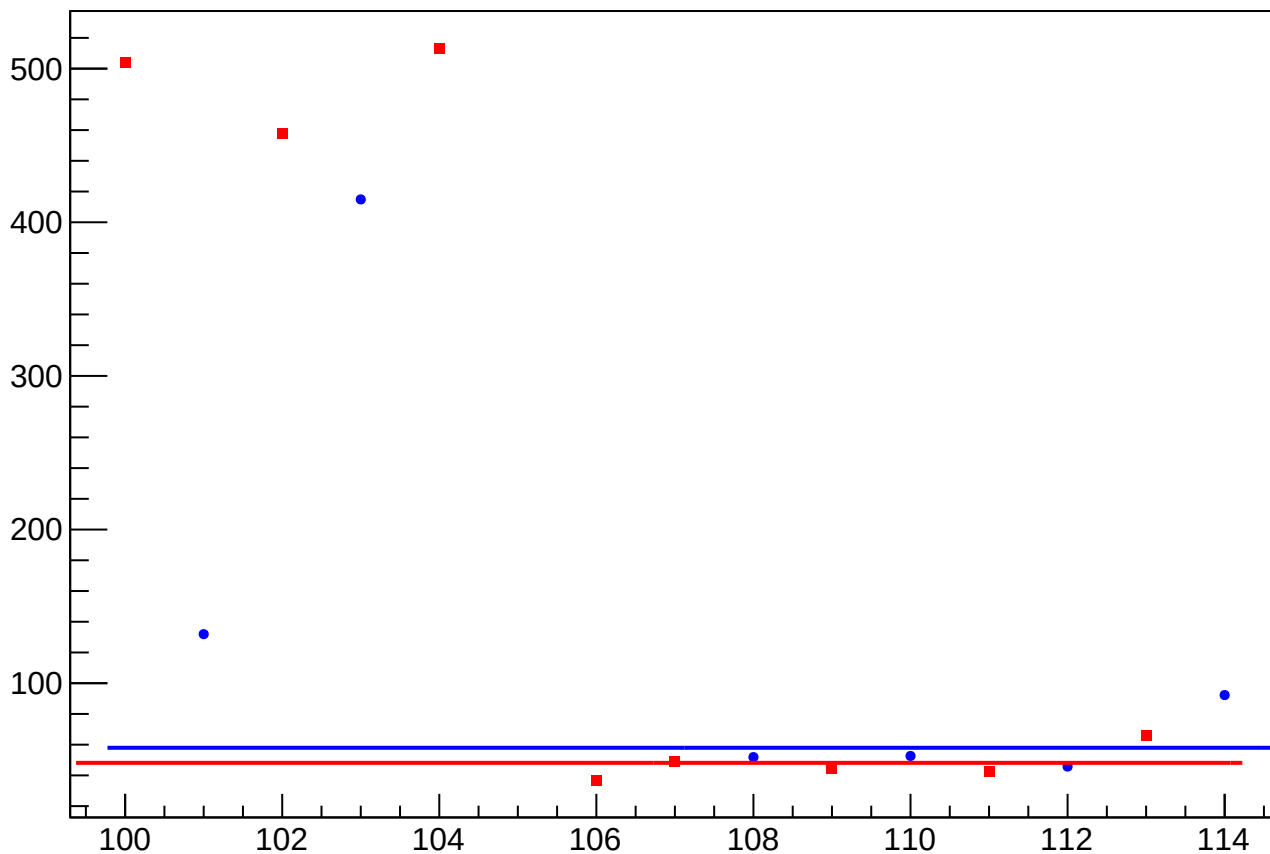
Right: -0.046 $\pm$ 0.028 χ^2 /NDF: 16.4/13

In: -0.036 $\pm$ 0.045 χ^2 /NDF:7.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.028 χ^2 /NDF: 16.4/13

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

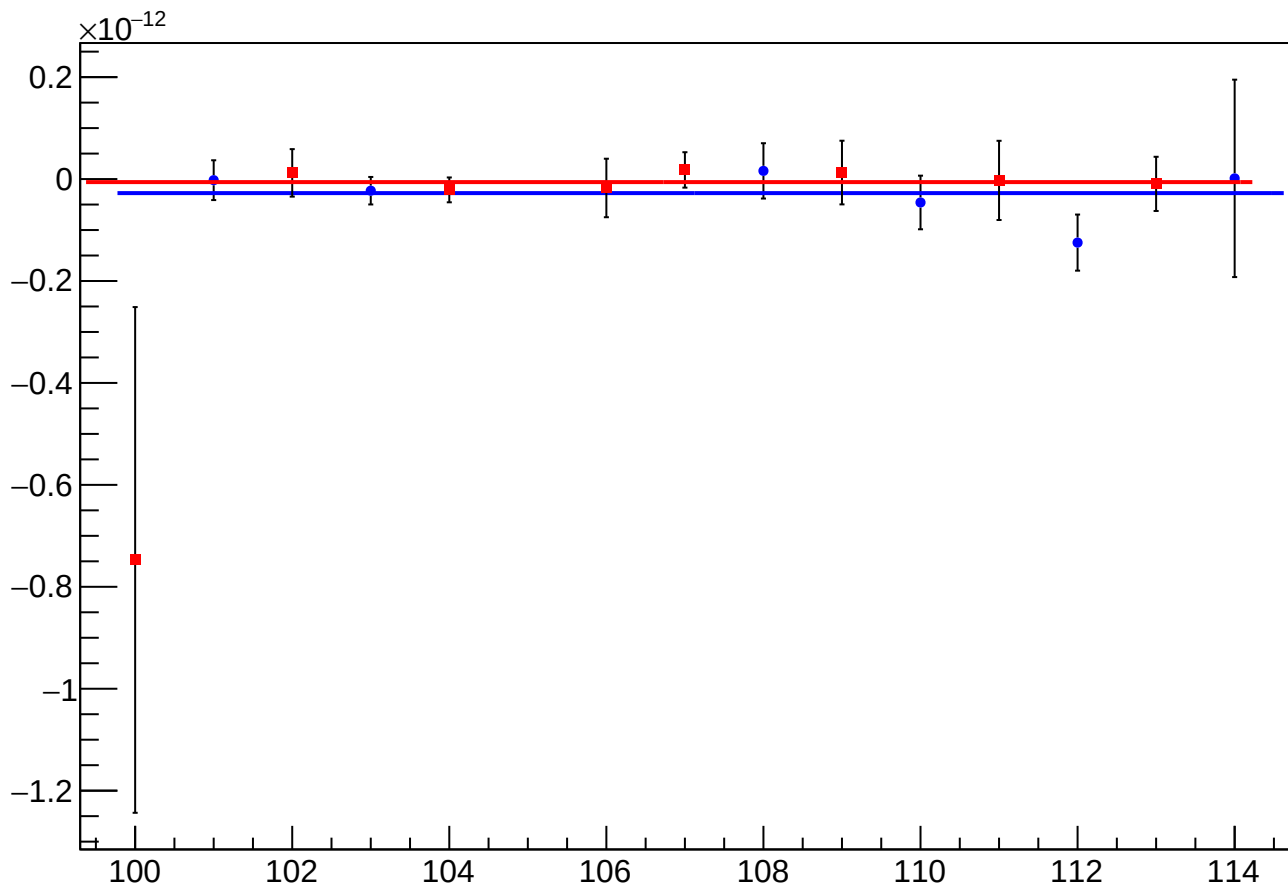
Right: 52.041+/-0.020 χ^2/NDF : 3081617.8/13

In: 57.976+/-0.032 χ^2/NDF : 1275354.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.041+/-0.020 χ^2/NDF : 3081617.8/13

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

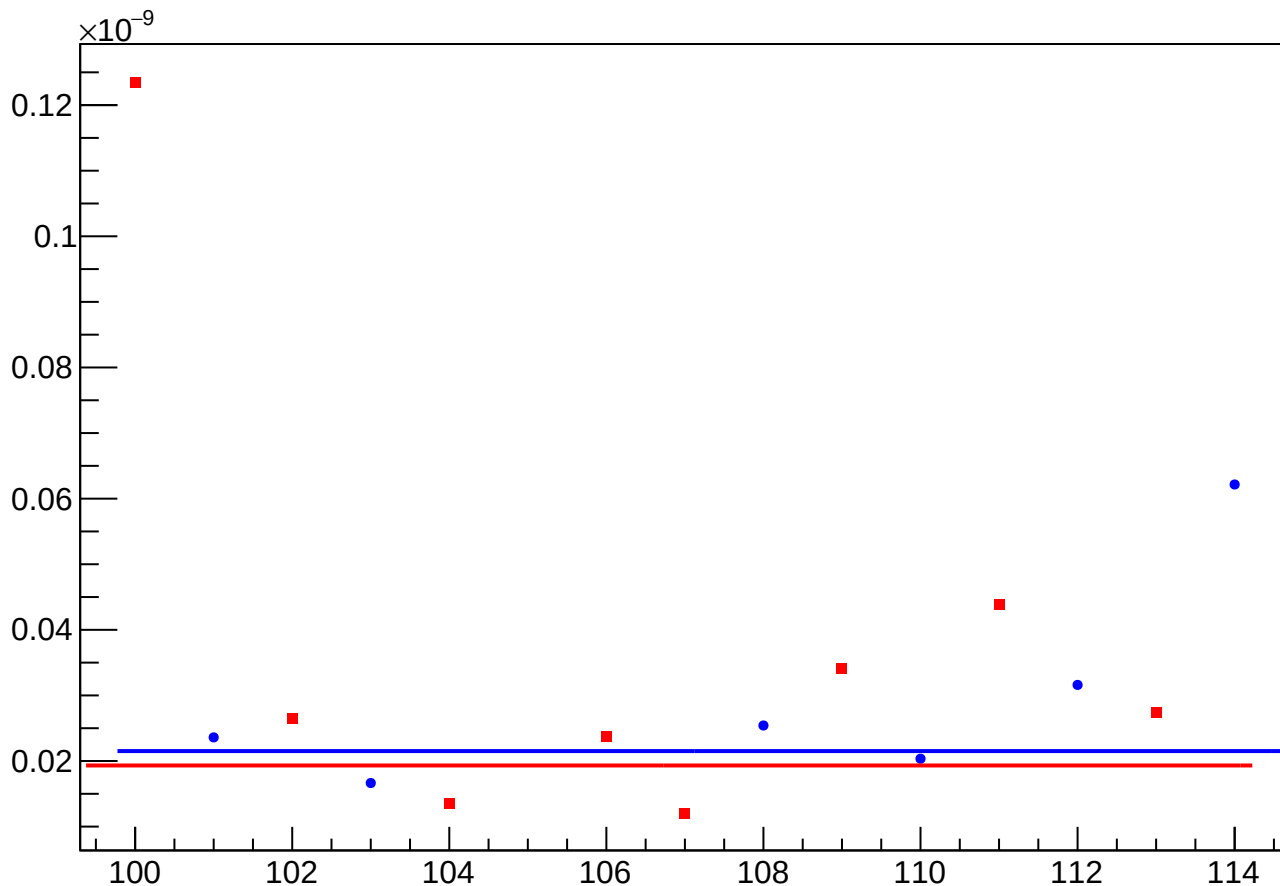
Right: -0.000+/-0.000 χ^2/NDF : 8.6/13

In: -0.000+/-0.000 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.6/13

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

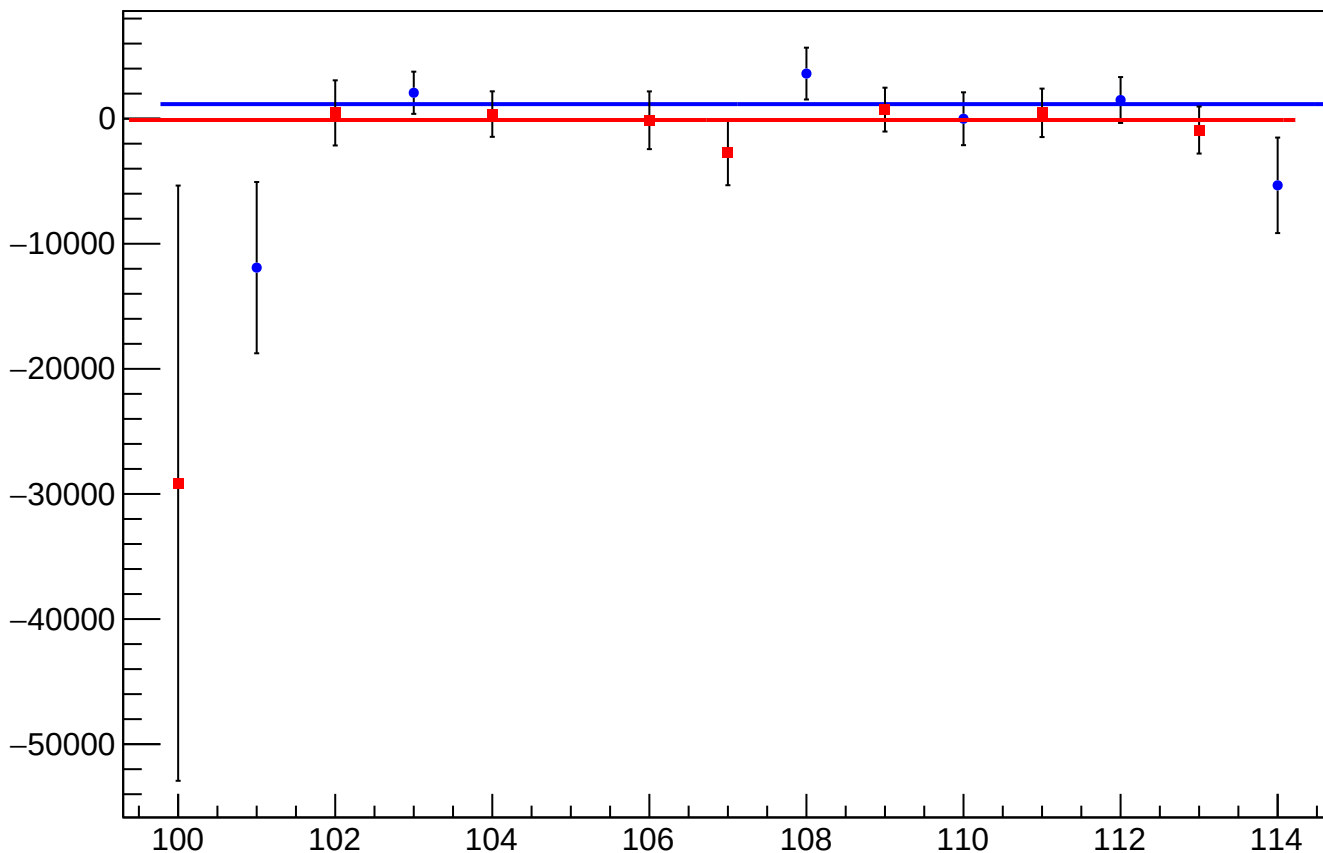
Right: 0.000+/-0.000 χ^2/NDF : 958670.2/13

In: 0.000+/-0.000 χ^2/NDF : 237466.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 958670.2/13

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1161.298+/-914.211 χ^2 /NDF: 8.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -108.408+/-776.664 χ^2 /NDF: 3.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

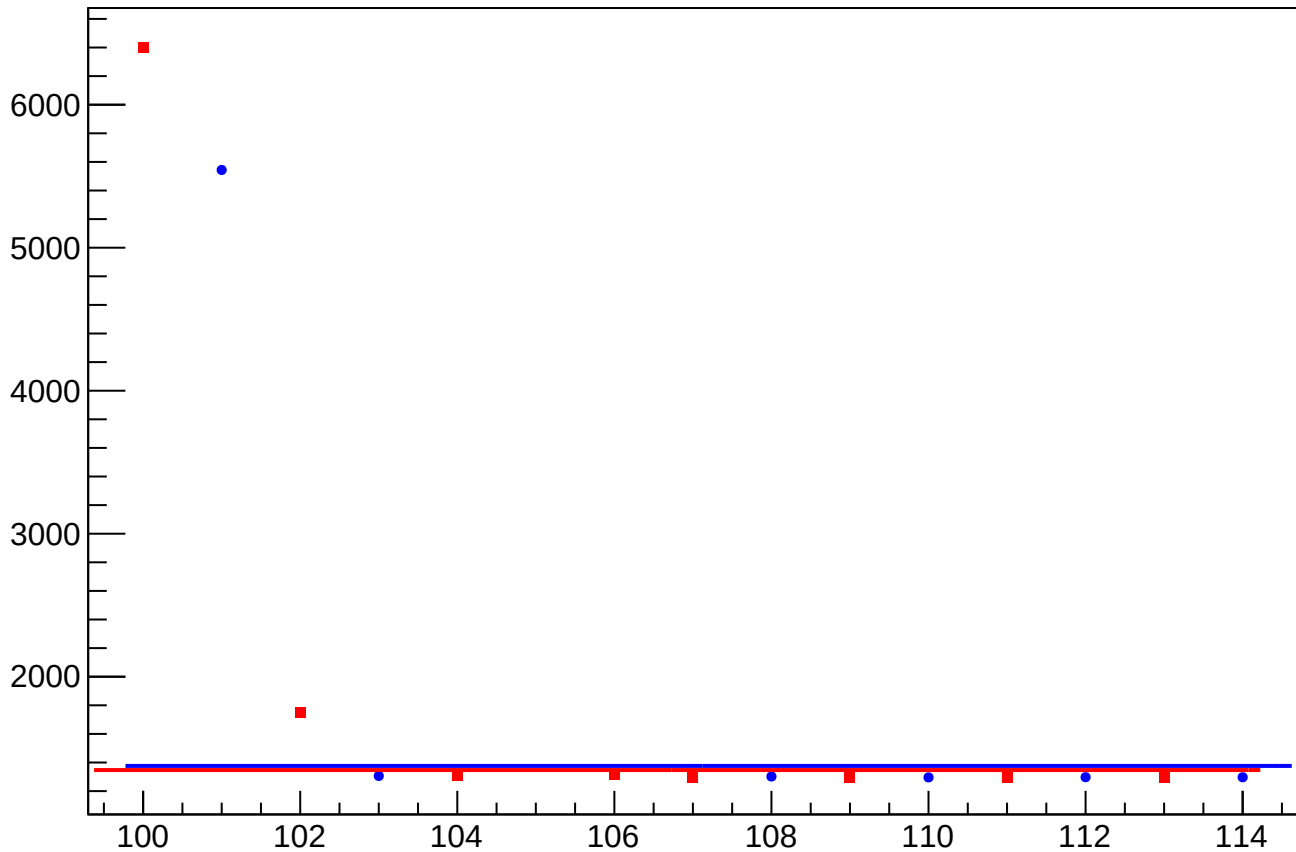
Right: 423.837+/-591.903 χ^2 /NDF: 12.7/13

In: 1161.298+/-914.211 χ^2 /NDF:8.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 423.837+/-591.903 χ^2 /NDF: 12.7/13

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1376.256+/-0.646 χ^2/NDF : 754439.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.212+/-0.549 χ^2/NDF : 144528.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

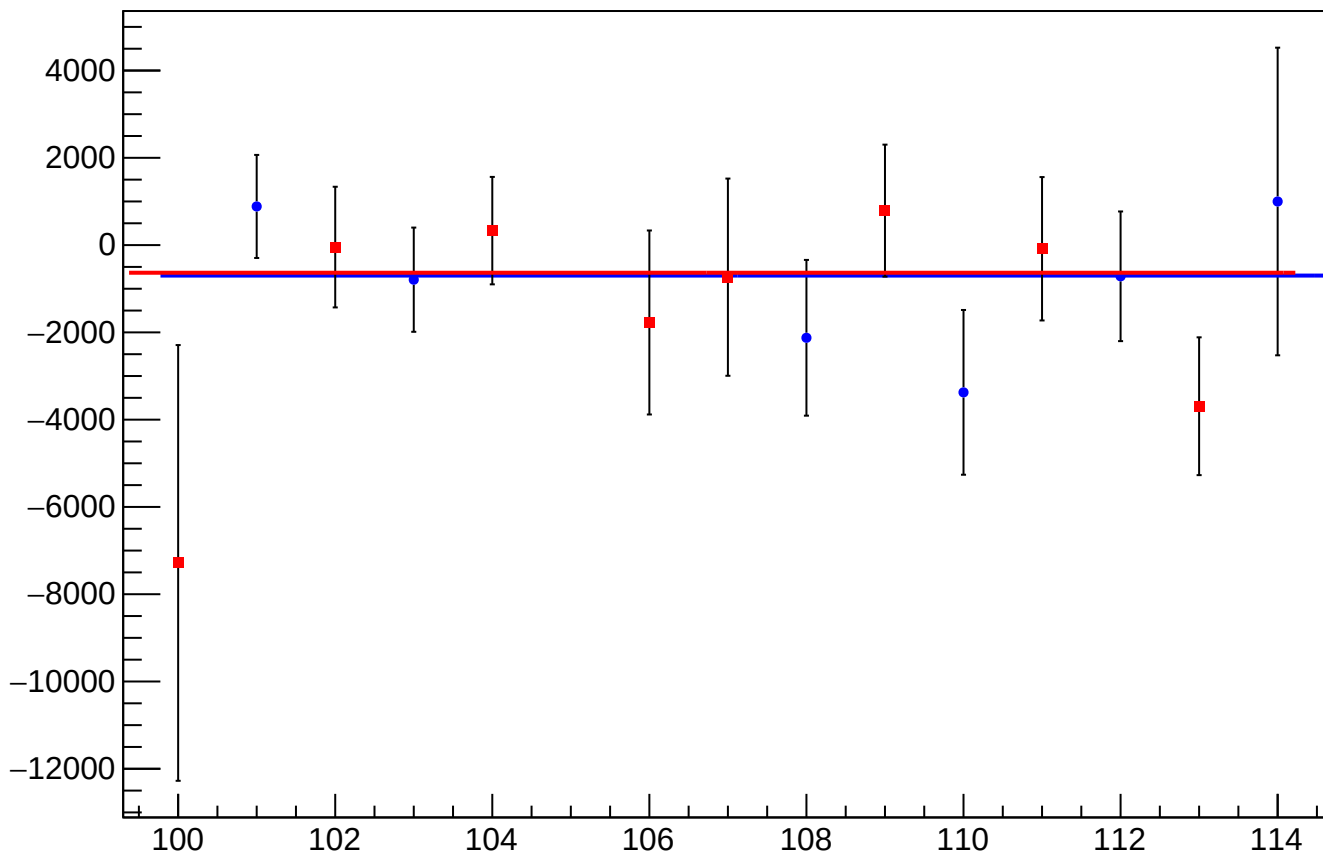
Right: 1359.387+/-0.419 χ^2/NDF : 900140.0/13

In: 1376.256+/-0.646 χ^2/NDF : 754439.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.387+/-0.419 χ^2/NDF : 900140.0/13

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

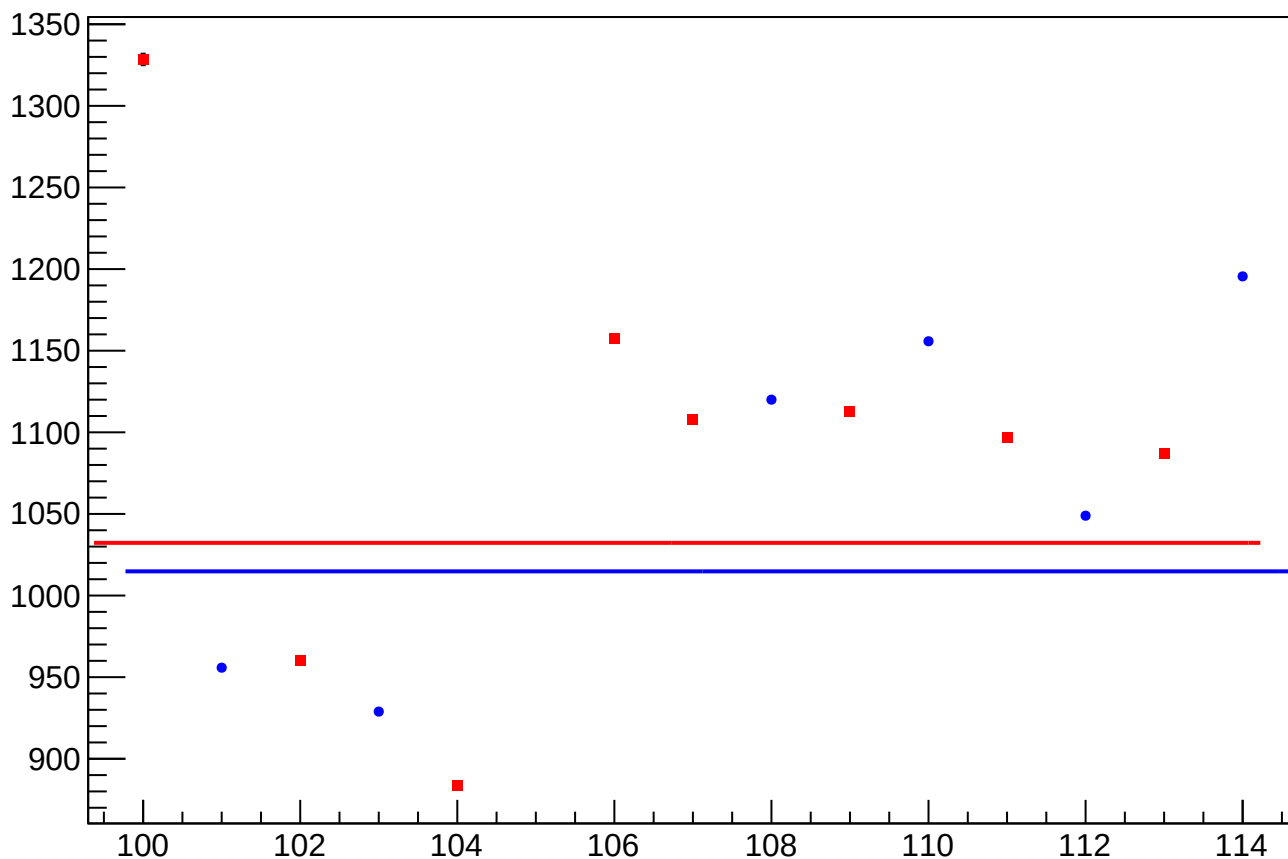
Right: -664.017+/-430.341 χ^2/NDF : 12.3/13

In: -698.319+/-626.633 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -664.017+/-430.341 χ^2/NDF : 12.3/13

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

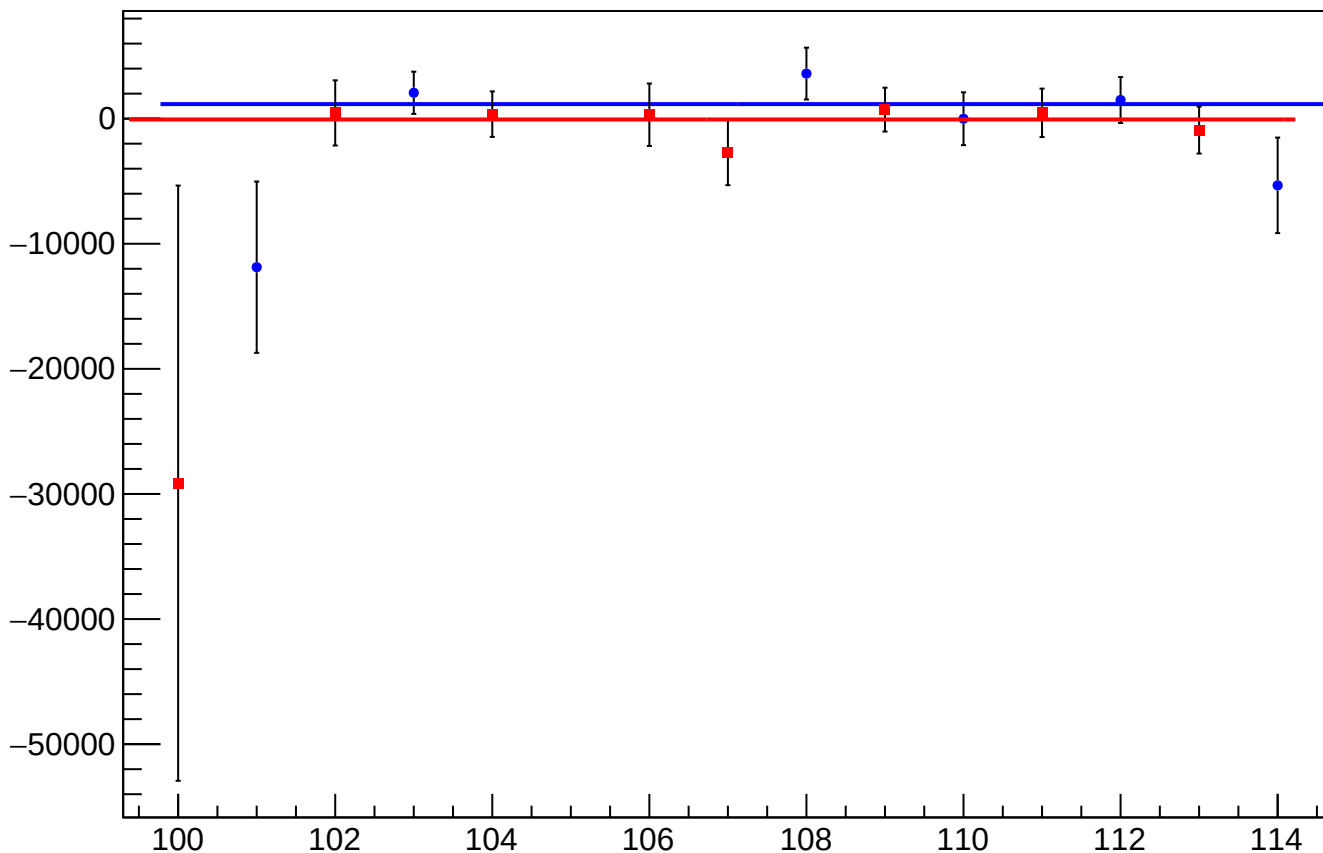
Right: 1024.053+/-0.304 χ^2/NDF : 102670.6/13

In: 1014.824+/-0.443 χ^2/NDF : 39759.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.053+/-0.304 χ^2/NDF : 102670.6/13

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

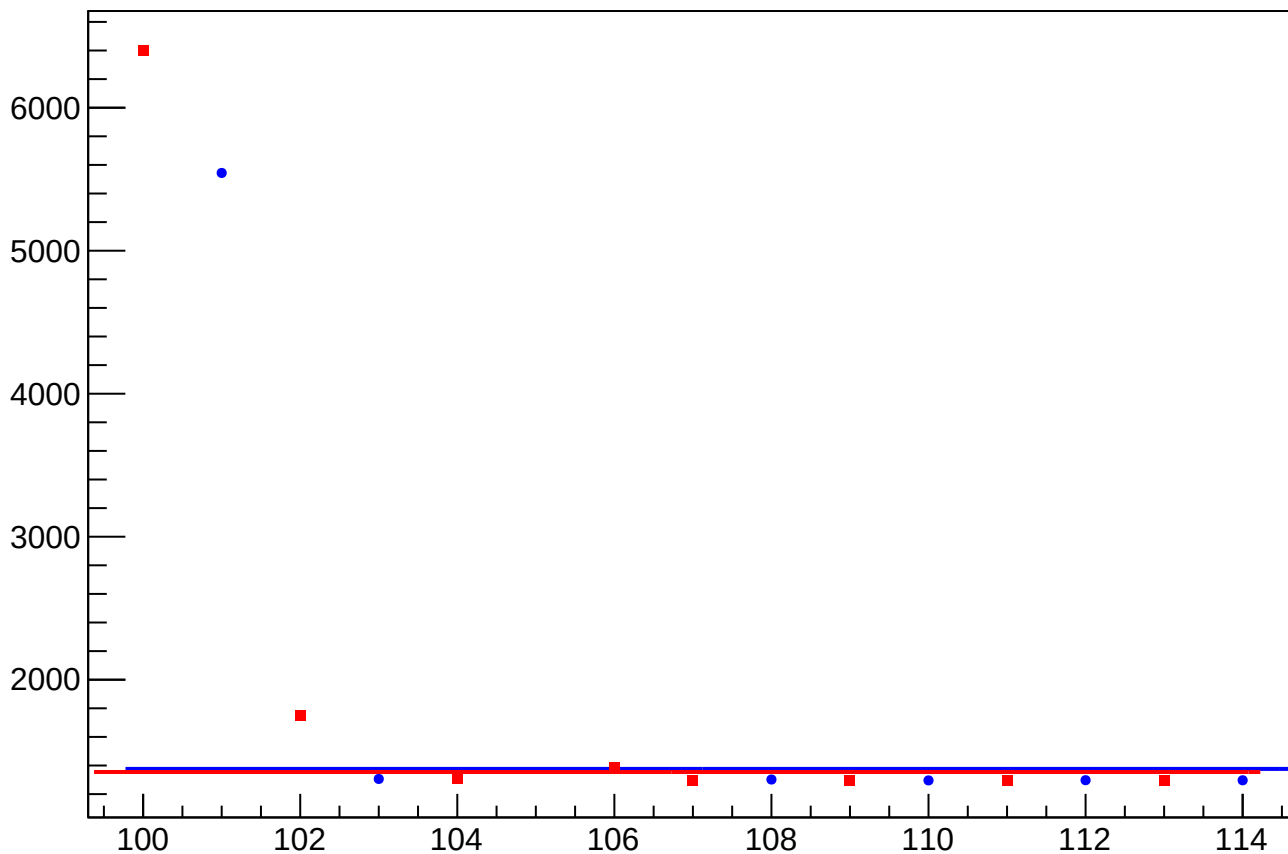
Right: 454.079+/-594.729 χ^2/NDF : 12.6/13

In: 1161.849+/-914.212 χ^2/NDF : 8.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.079+/-594.729 χ^2/NDF : 12.6/13

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1376.256+/-0.646 χ^2/NDF : 754438.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.726+/-0.554 χ^2/NDF : 144568.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

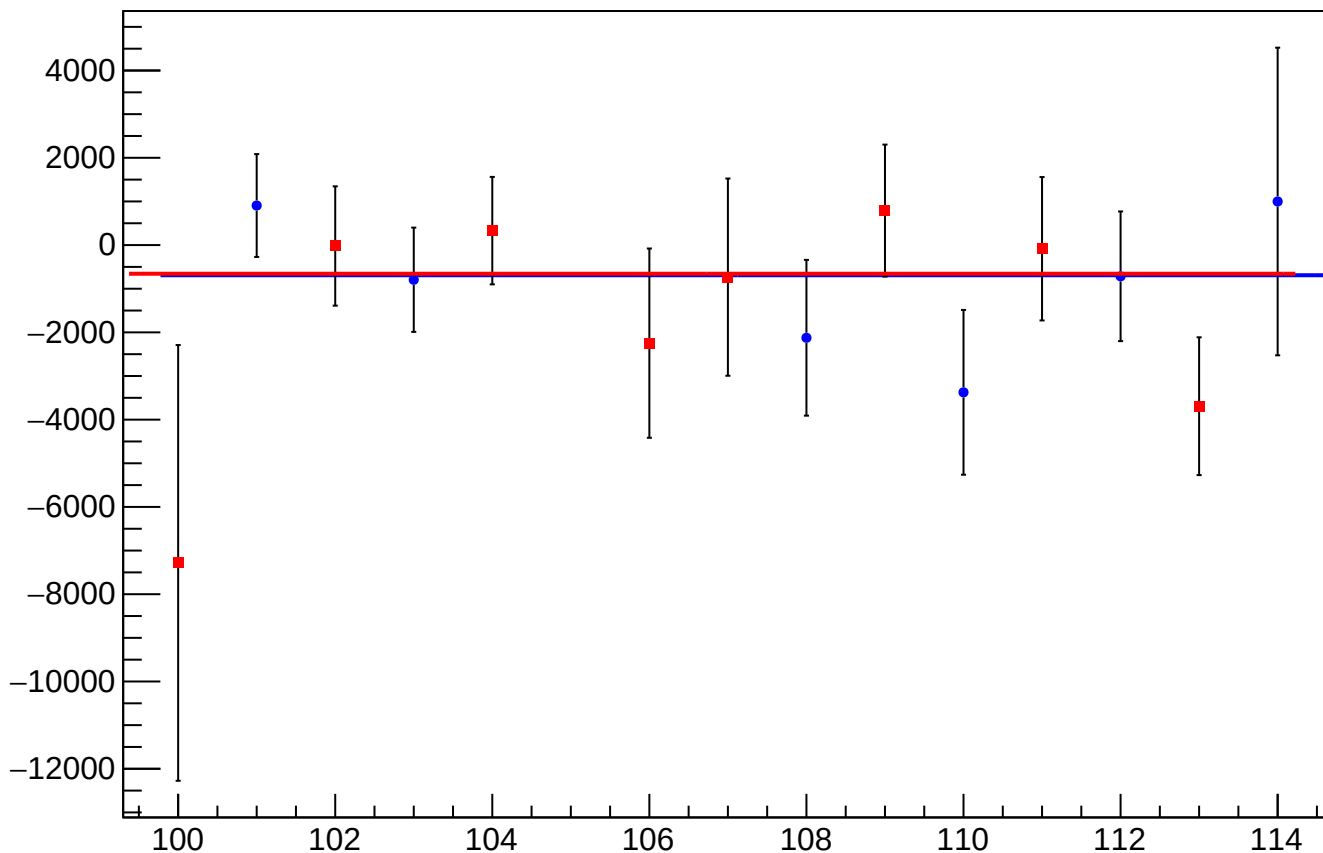
Right: 1363.837+/-0.421 χ^2/NDF : 899646.3/13

In: 1376.256+/-0.646 χ^2/NDF : 754438.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.837+/-0.421 χ^2/NDF : 899646.3/13

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

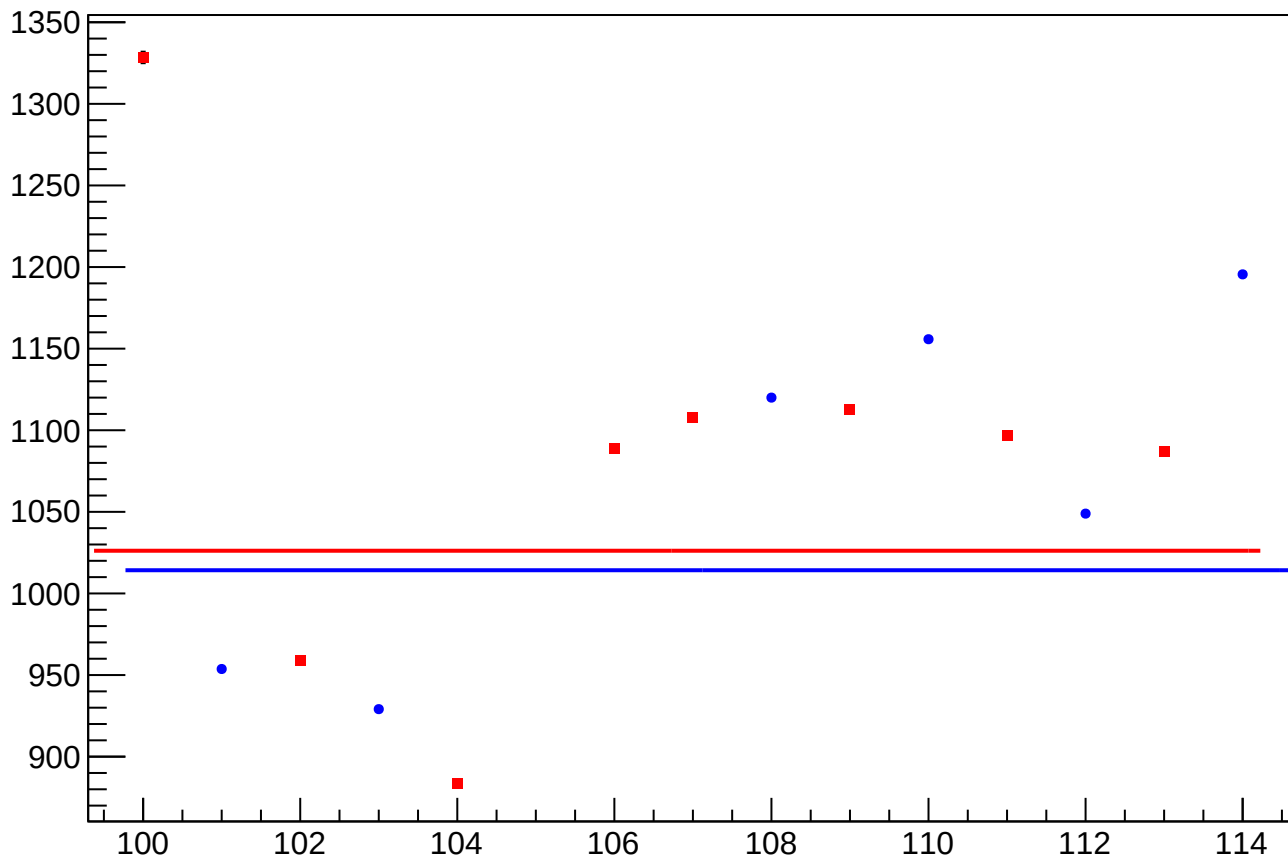
Right: -672.887+/-430.242 χ^2/NDF : 12.6/13

In: -690.977+/-626.273 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -672.887+/-430.242 χ^2/NDF : 12.6/13

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

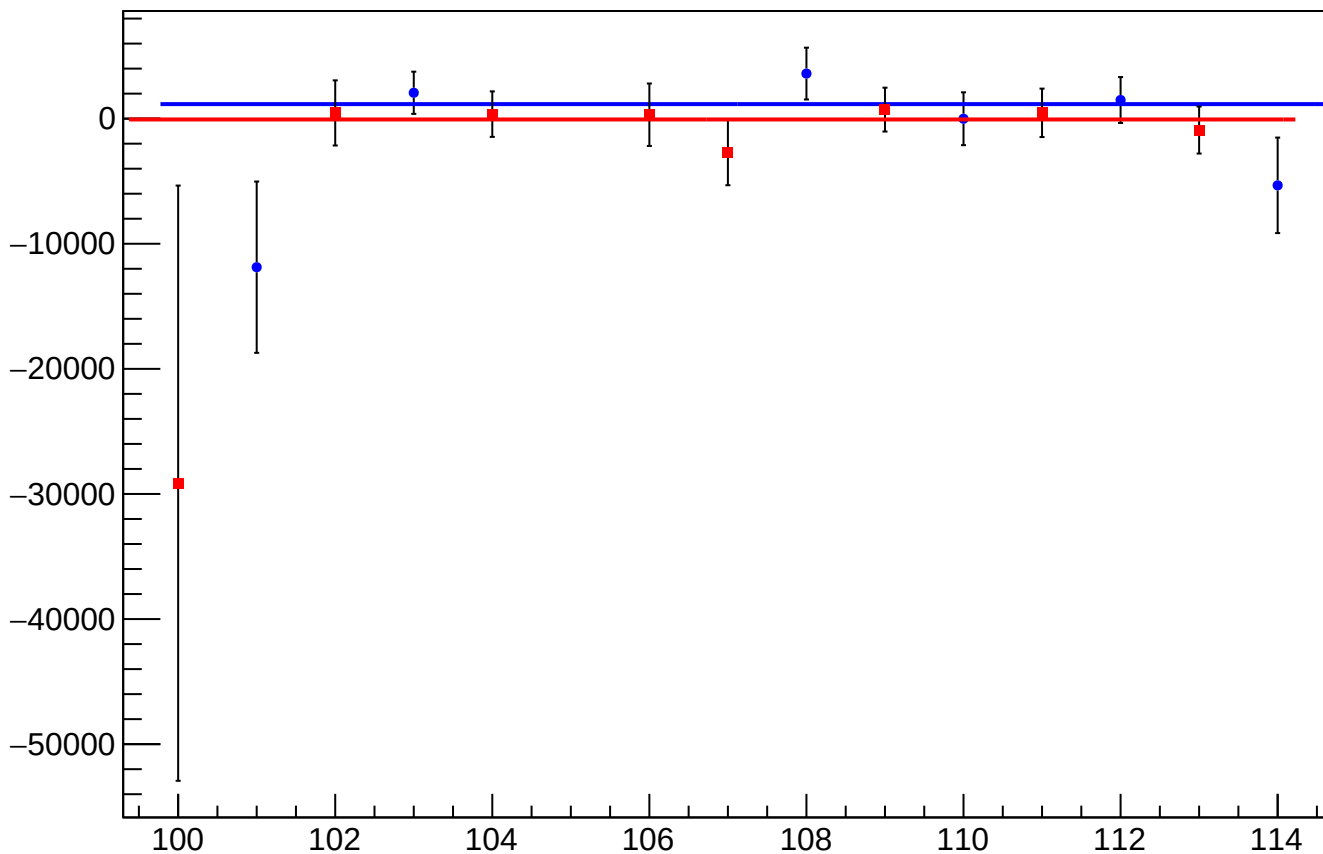
Right: 1020.533+/-0.304 χ^2/NDF : 96944.3/13

In: 1014.223+/-0.443 χ^2/NDF : 40087.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.533+/-0.304 χ^2/NDF : 96944.3/13

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

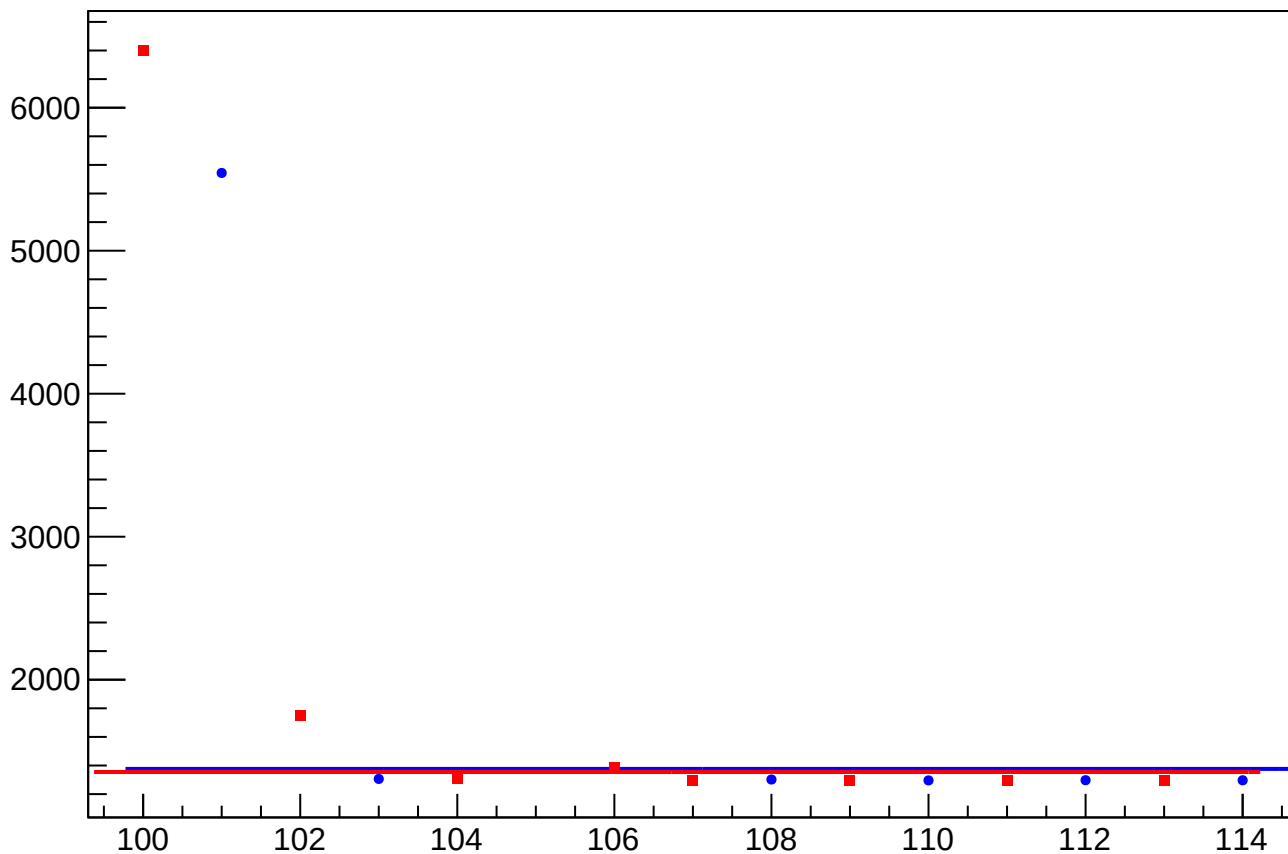
Right: 454.079+/-594.729 χ^2/NDF : 12.6/13

In: 1161.849+/-914.212 χ^2/NDF : 8.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.079+/-594.729 χ^2/NDF : 12.6/13

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1376.256+/-0.646 χ^2/NDF : 754438.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.726+/-0.554 χ^2/NDF : 144568.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

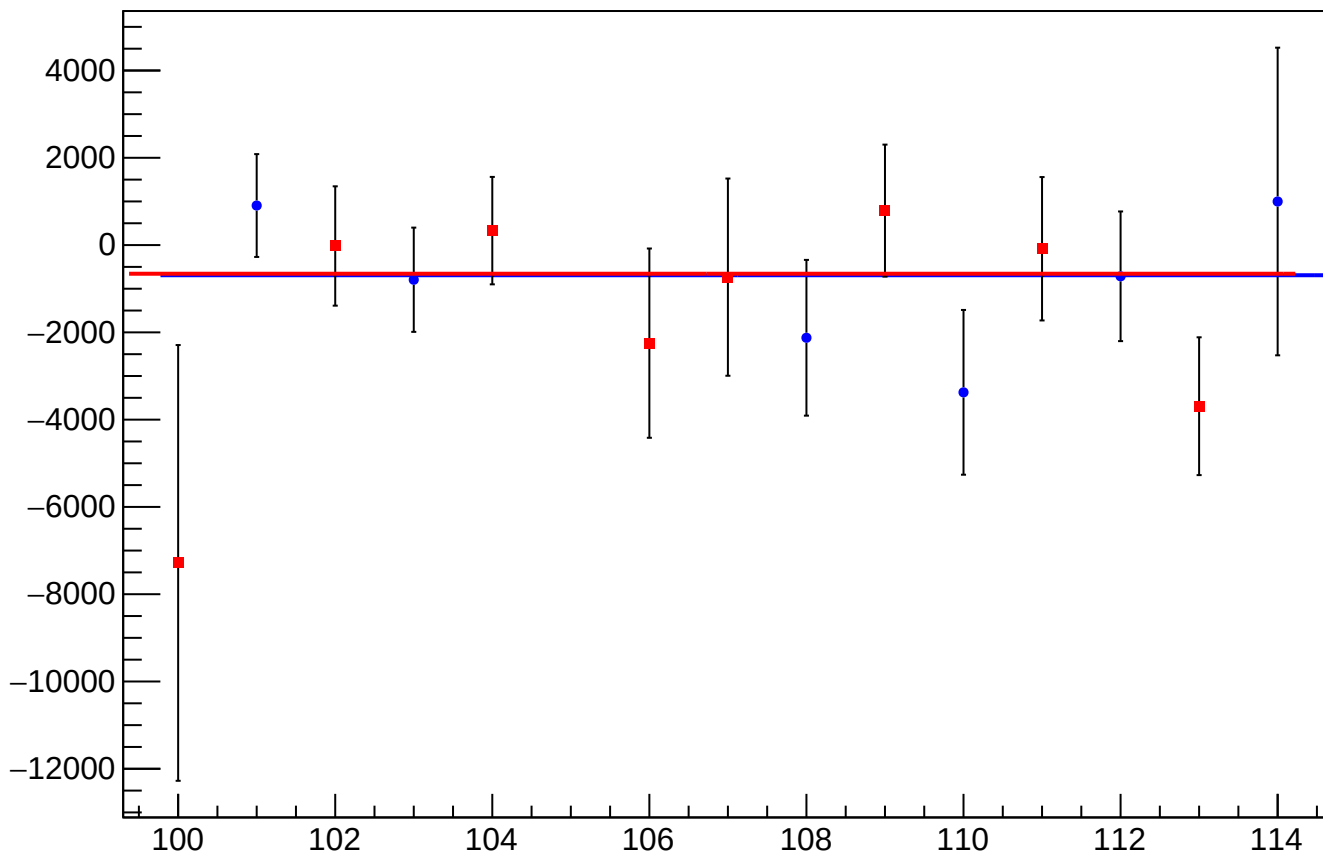
Right: 1363.837+/-0.421 χ^2/NDF : 899646.3/13

In: 1376.256+/-0.646 χ^2/NDF : 754438.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.837+/-0.421 χ^2/NDF : 899646.3/13

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

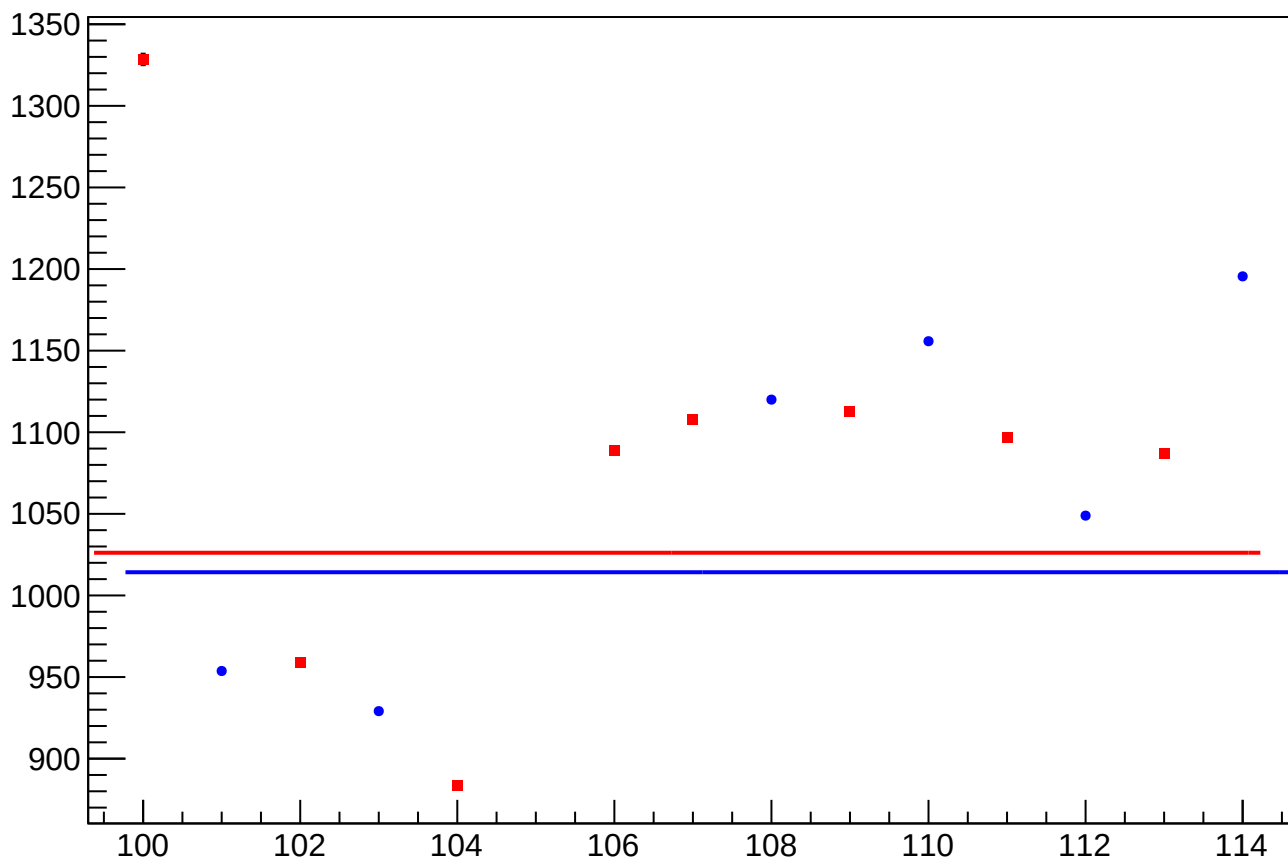
Right: -672.887+/-430.242 χ^2/NDF : 12.6/13

In: -690.977+/-626.273 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -672.887+/-430.242 χ^2/NDF : 12.6/13

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

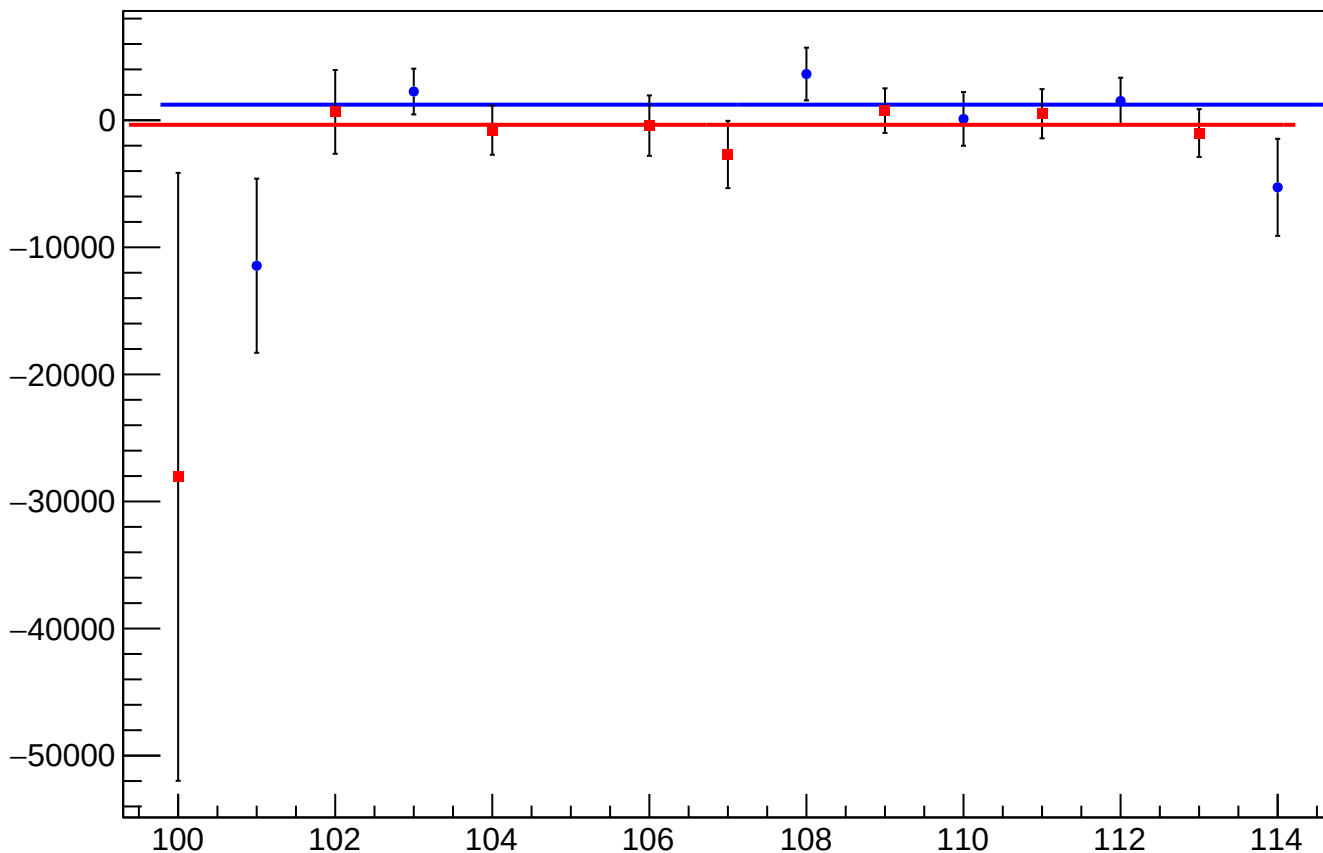
Right: 1020.533+/-0.304 χ^2/NDF : 96944.3/13

In: 1014.223+/-0.443 χ^2/NDF :40087.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1020.533+/-0.304 χ^2/NDF : 96944.3/13

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1225.087+/-931.831 χ^2 /NDF: 8.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -357.081+/-802.432 χ^2 /NDF: 3.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

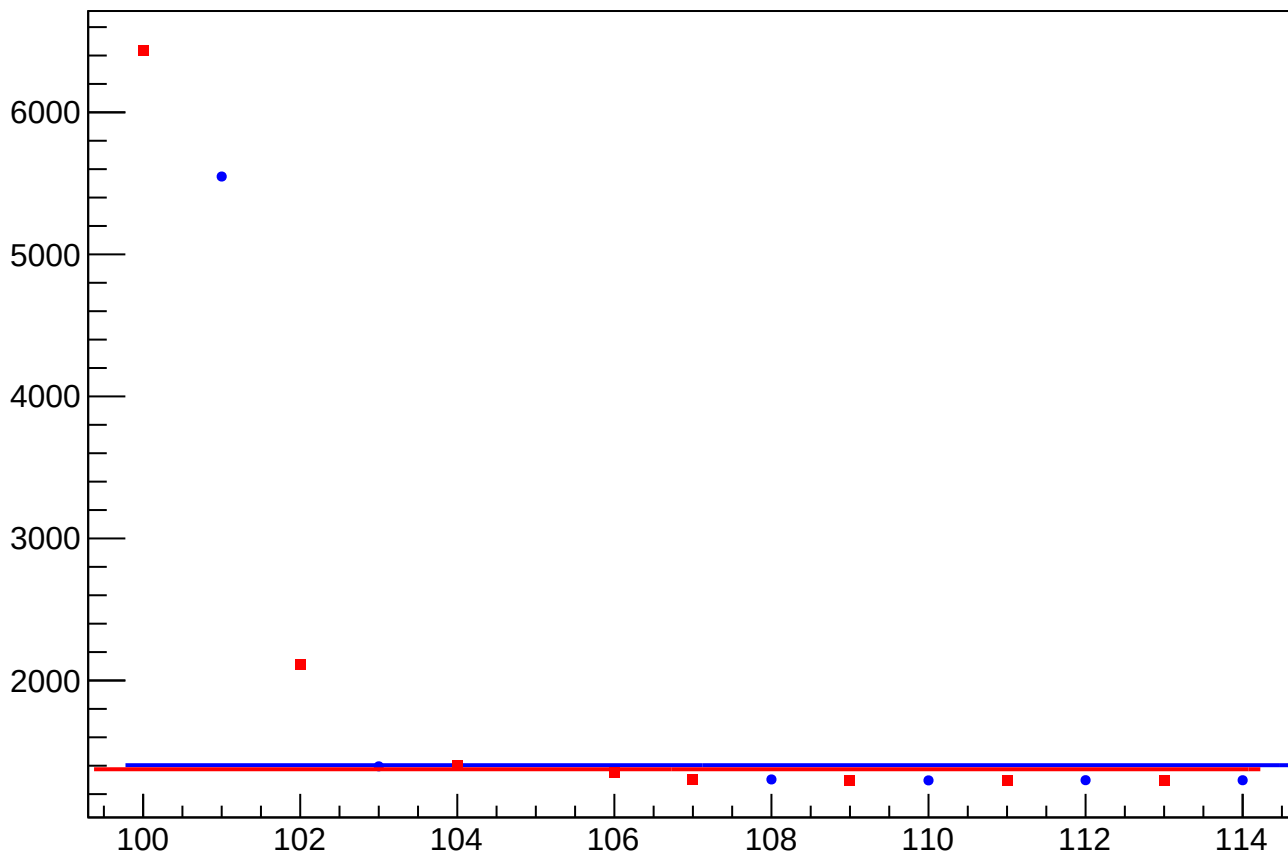
Right: 316.605+/-608.051 χ^2 /NDF: 13.0/13

In: 1225.087+/-931.831 χ^2 /NDF:8.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 316.605+/-608.051 χ^2 /NDF: 13.0/13

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



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 : 201560.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

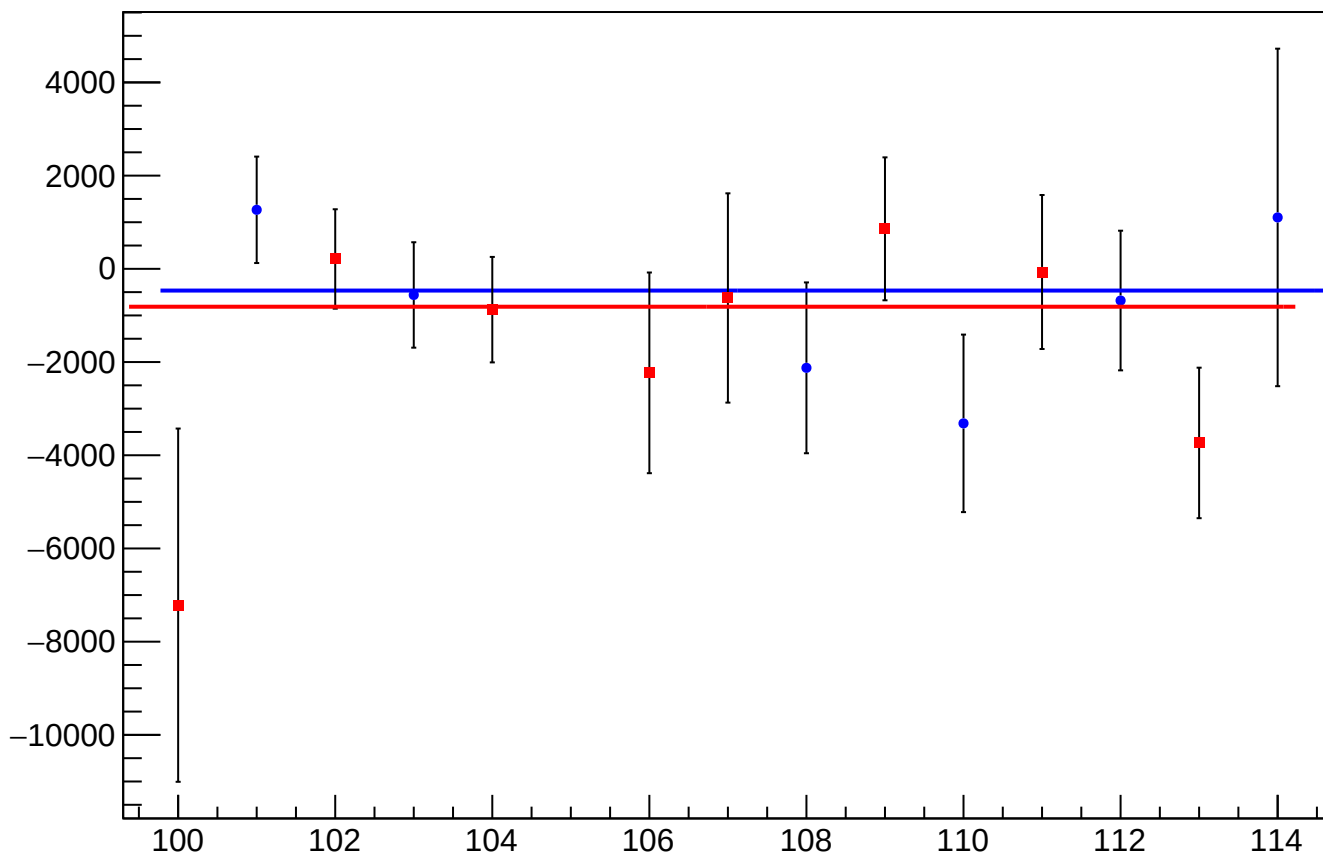
Right: 1387.204+/-0.430 χ^2/NDF : 952252.7/13

In: 1403.559+/-0.659 χ^2/NDF : 749619.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.204+/-0.430 χ^2/NDF : 952252.7/13

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

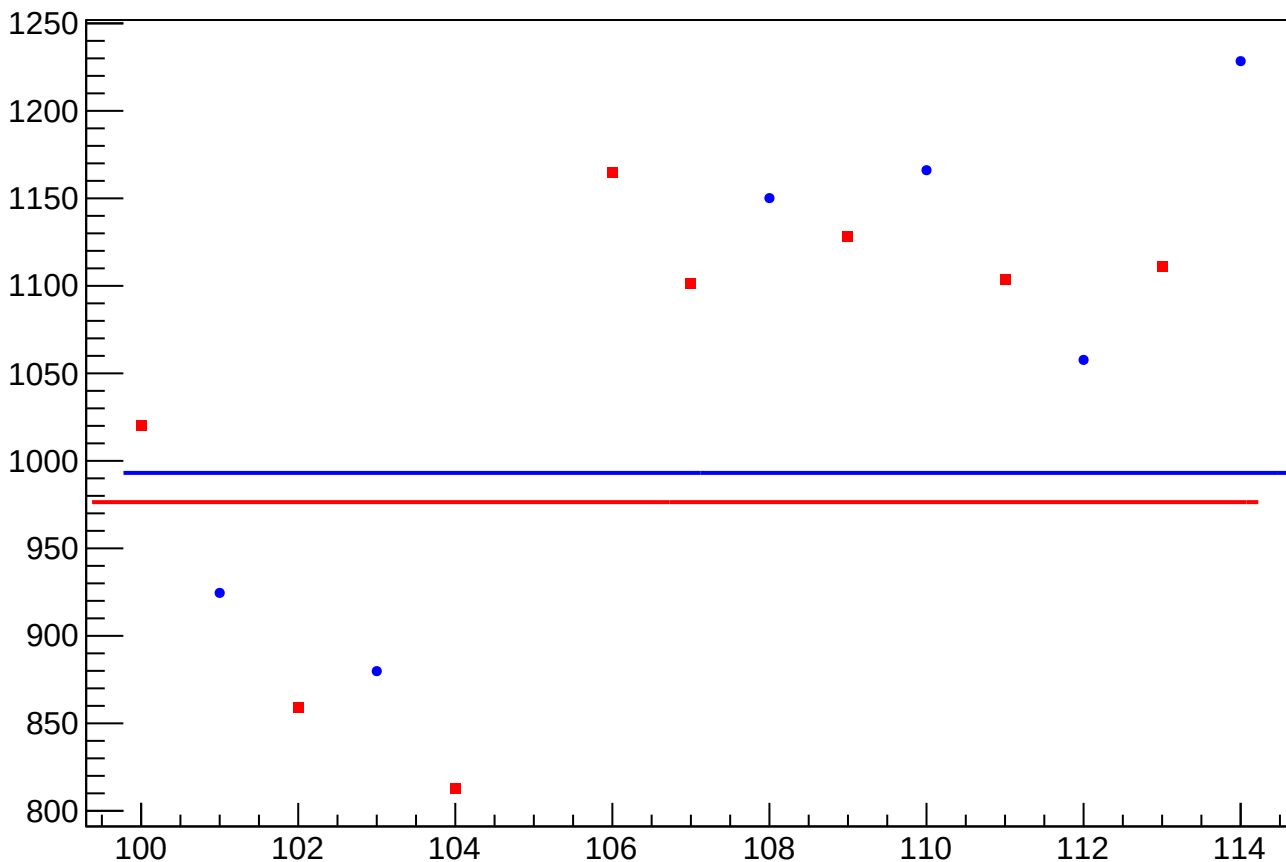
Right: -659.157+/-409.519 χ^2/NDF : 14.6/13

In: -466.132+/-615.012 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -659.157+/-409.519 χ^2/NDF : 14.6/13

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

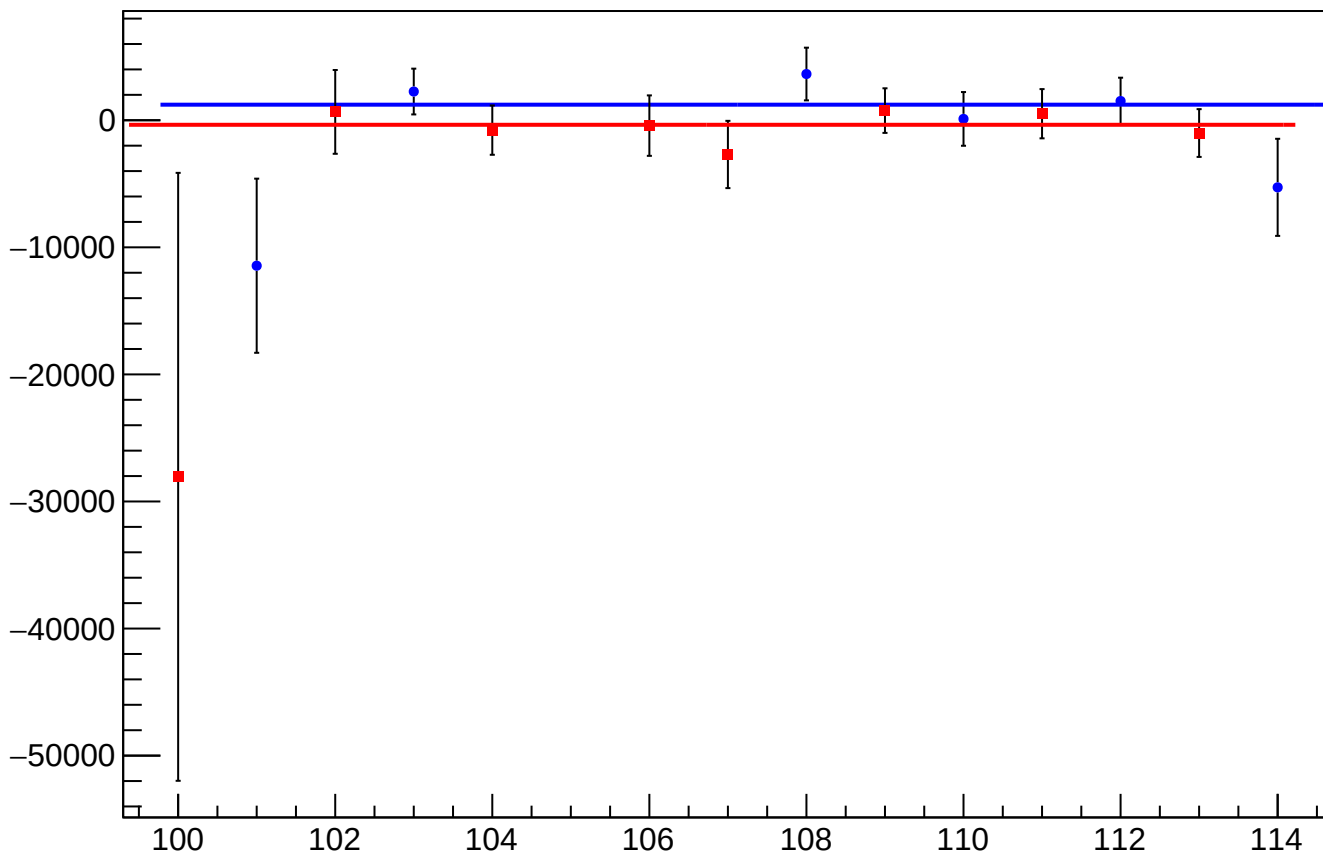
Right: 983.824+/-0.290 χ^2/NDF : 204666.0/13

In: 993.123+/-0.435 χ^2/NDF : 70616.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.824+/-0.290 χ^2/NDF : 204666.0/13

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1225.089+/-931.831 χ^2 /NDF: 8.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -357.078+/-802.431 χ^2 /NDF: 3.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

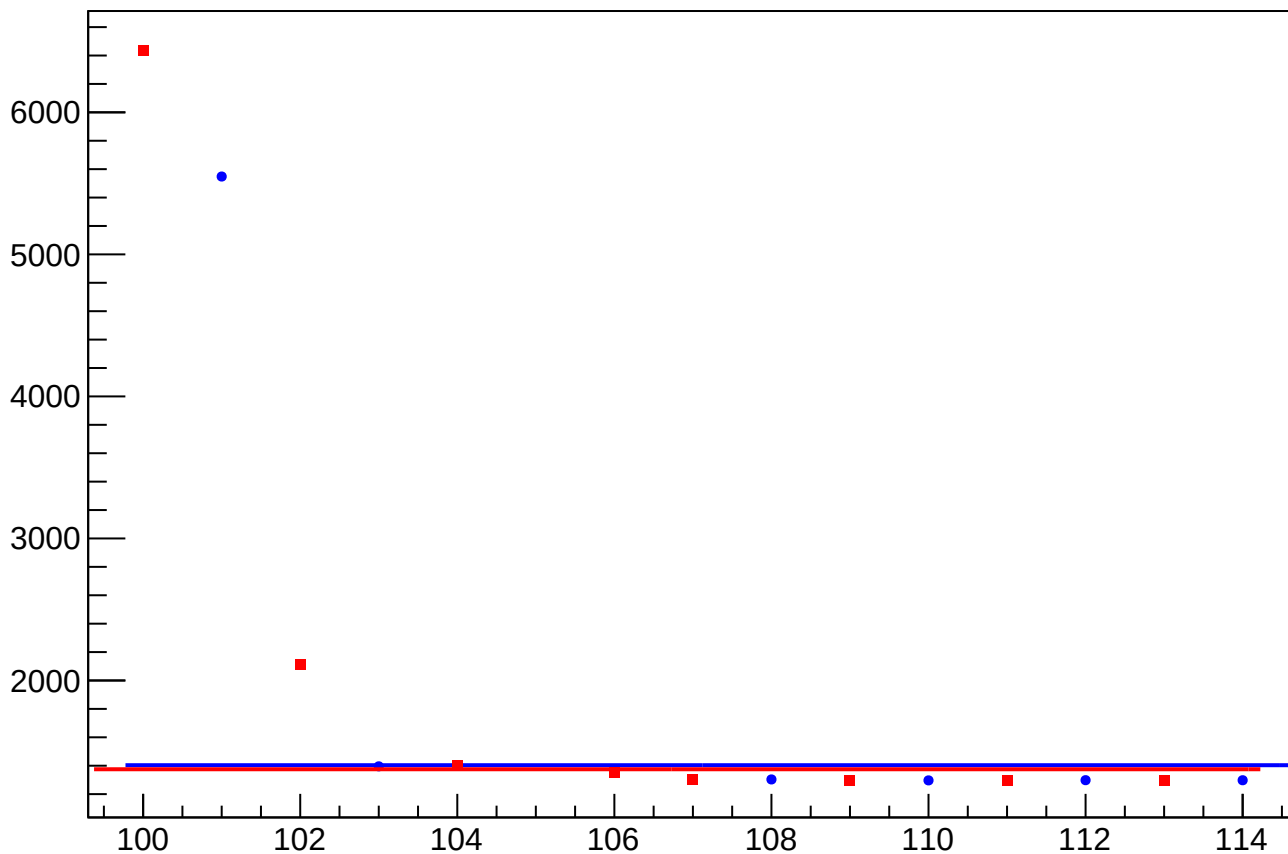
Right: 316.608+/-608.051 χ^2 /NDF: 13.0/13

In: 1225.089+/-931.831 χ^2 /NDF:8.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 316.608+/-608.051 χ^2 /NDF: 13.0/13

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

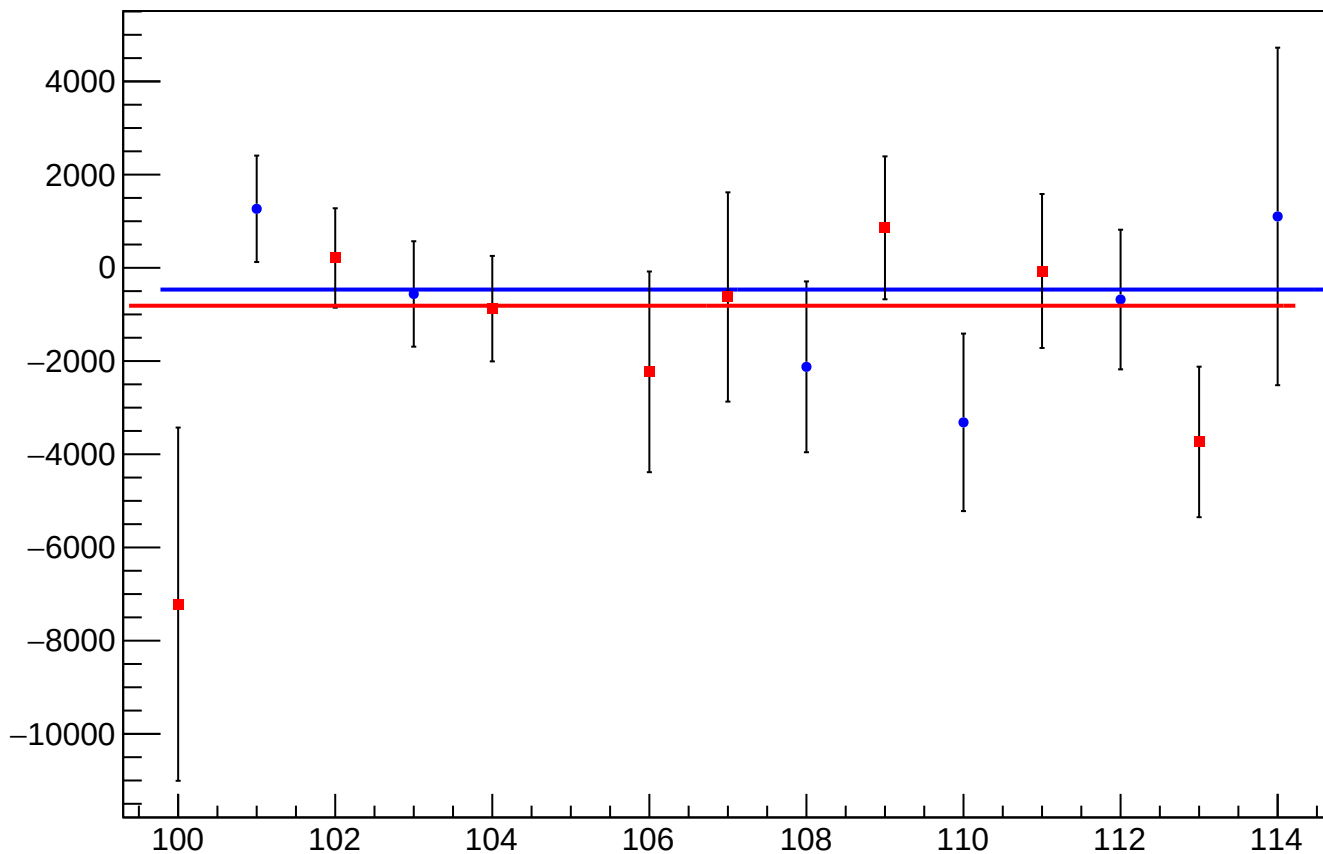
Right: 1387.204+/-0.430 χ^2/NDF : 952252.7/13

In: 1403.559+/-0.659 χ^2/NDF : 749619.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.204+/-0.430 χ^2/NDF : 952252.7/13

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

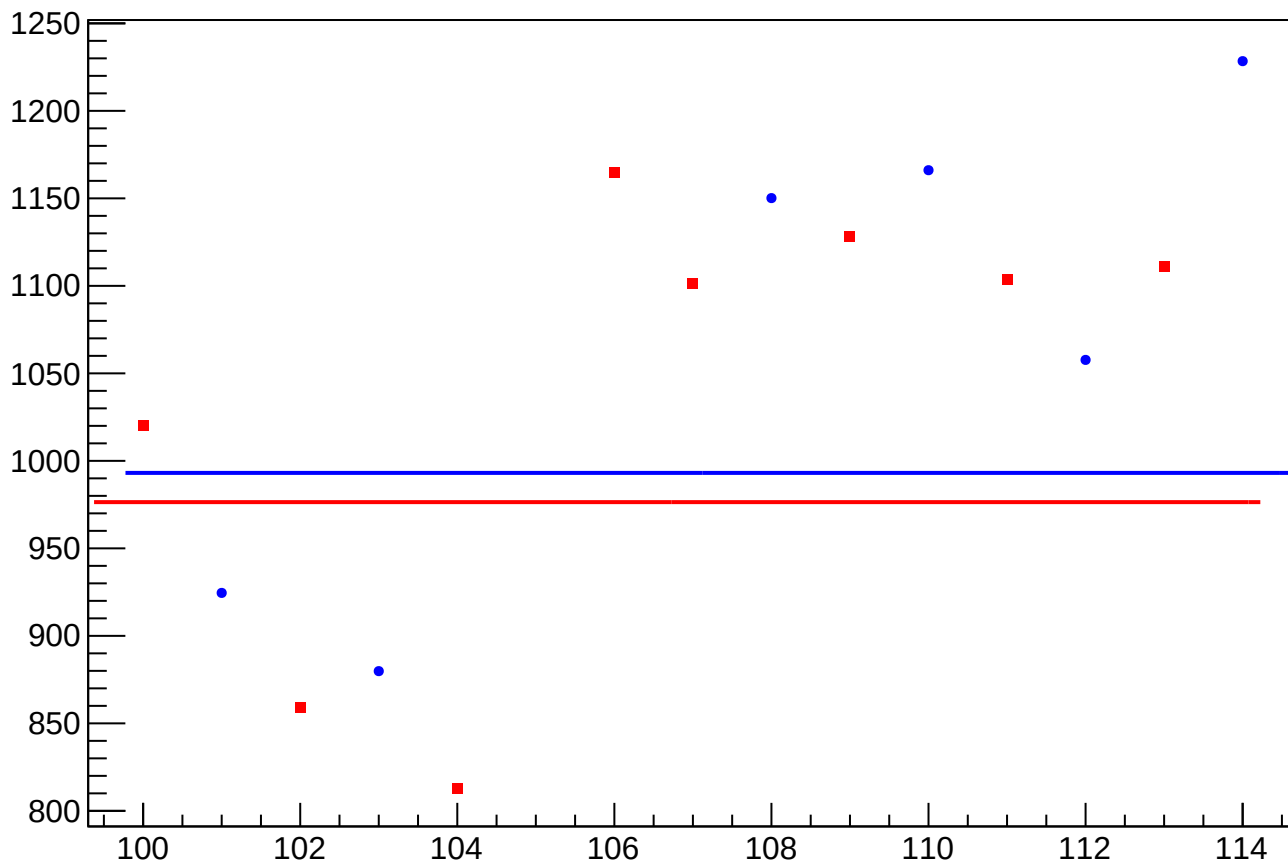
Right: -659.157+/-409.518 χ^2/NDF : 14.6/13

In: -466.132+/-615.012 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -659.157+/-409.518 χ^2/NDF : 14.6/13

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 993.122+/-0.435 χ^2/NDF : 70614.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.418+/-0.388 χ^2/NDF : 133224.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

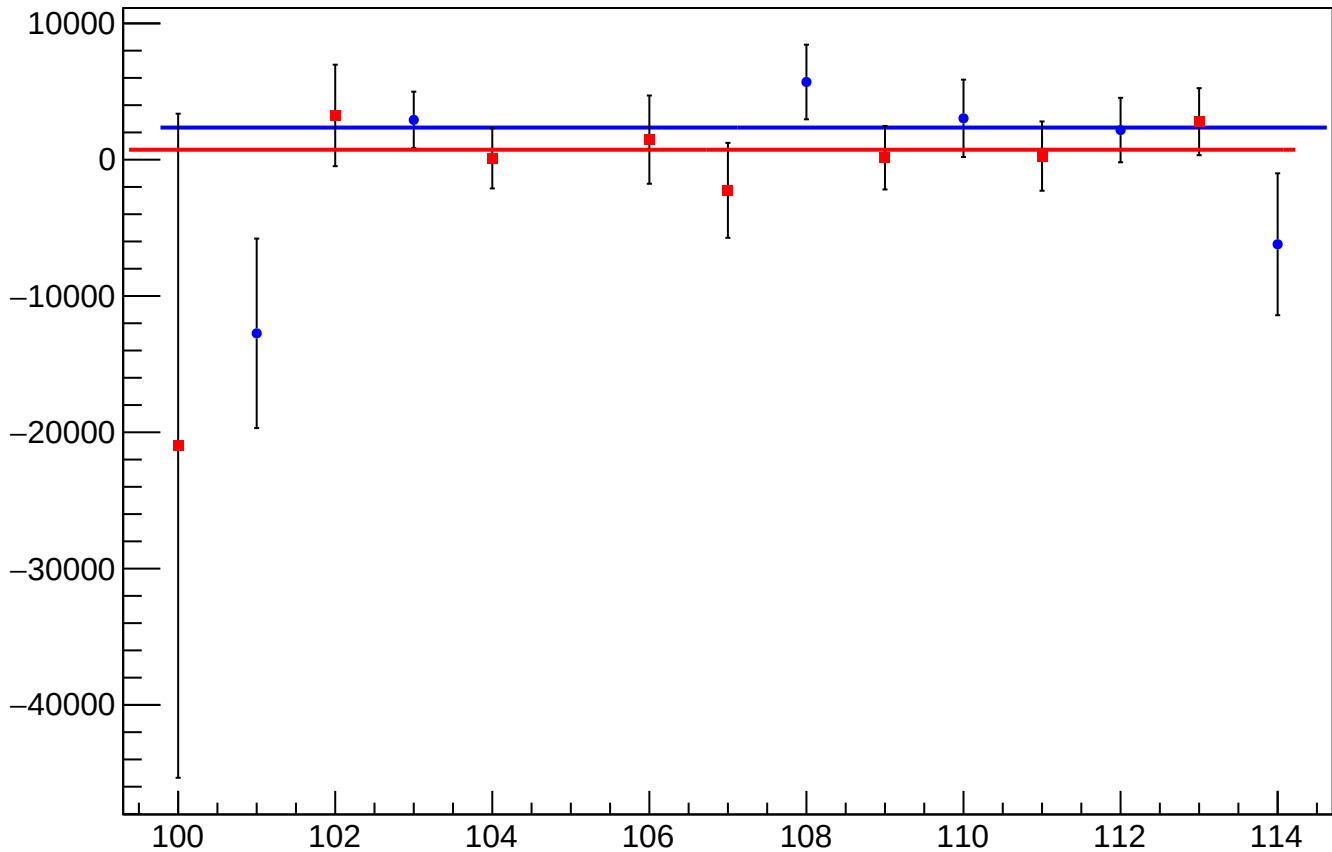
Right: 983.824+/-0.290 χ^2/NDF : 204660.0/13

In: 993.122+/-0.435 χ^2/NDF : 70614.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.824+/-0.290 χ^2/NDF : 204660.0/13

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

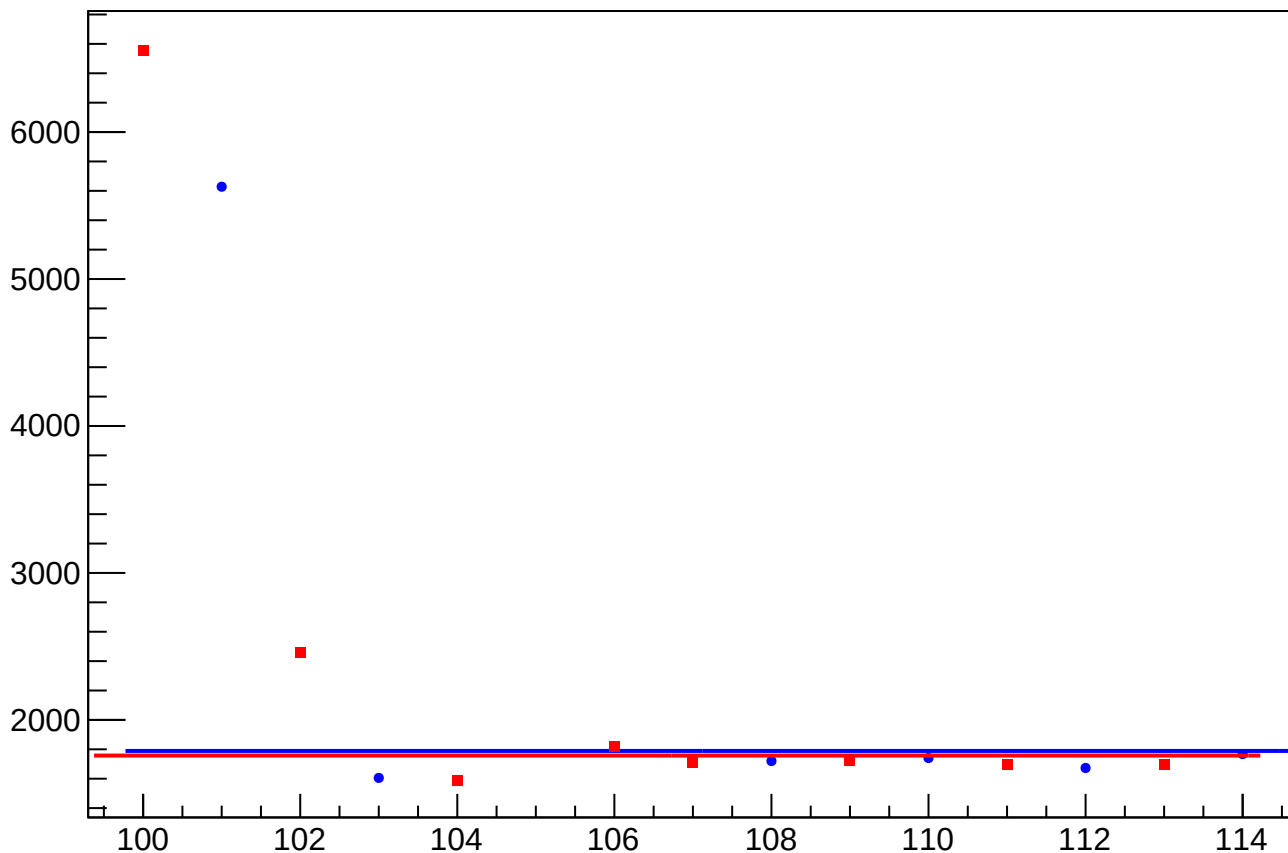
Right: 1430.123 $\pm$ 769.441 χ^2 /NDF: 13.1/13

In: 2356.446 $\pm$ 1172.759 χ^2 /NDF:9.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1430.123 $\pm$ 769.441 χ^2 /NDF: 13.1/13

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

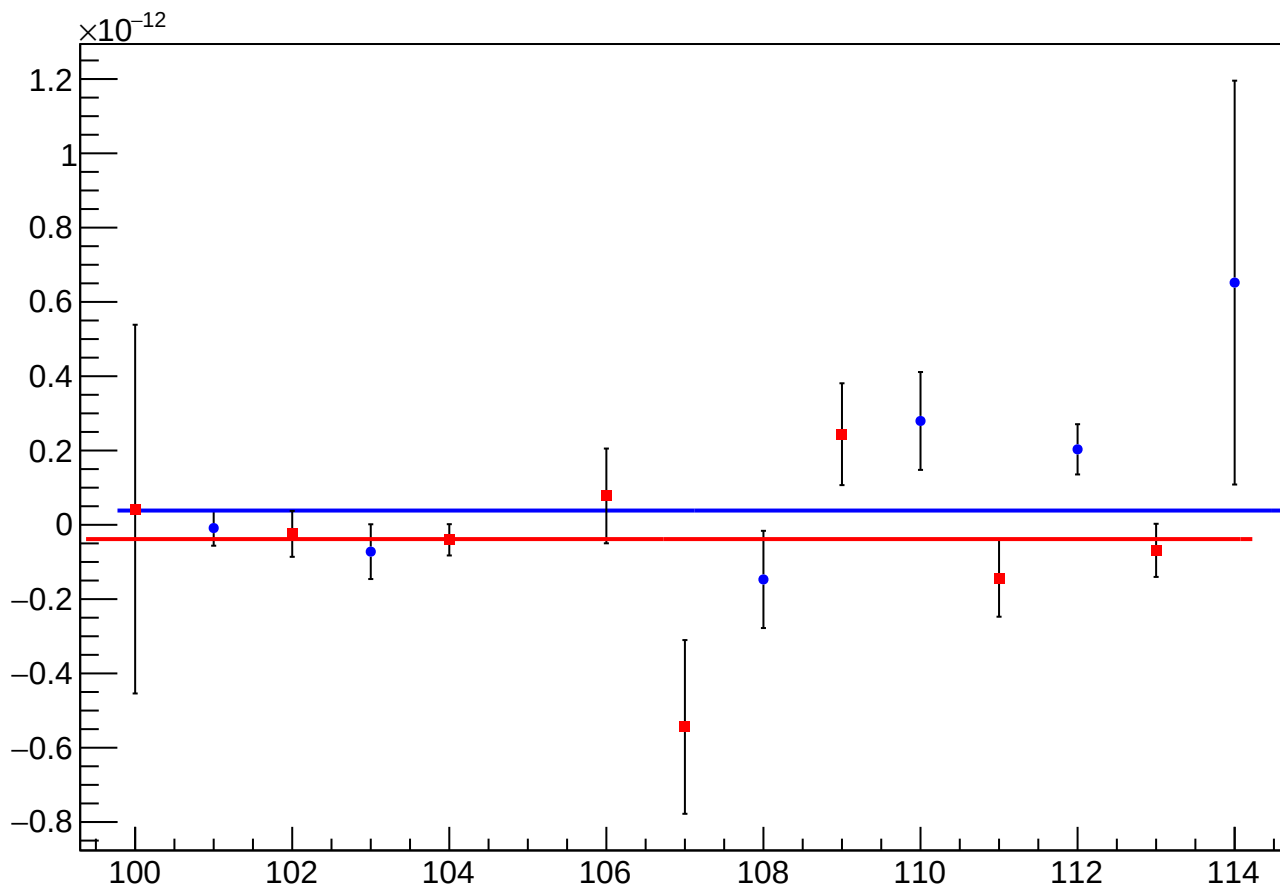
Right: 1771.028+/-0.544 χ^2/NDF : 797417.1/13

In: 1788.957+/-0.829 χ^2/NDF : 632548.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1771.028+/-0.544 χ^2/NDF : 797417.1/13

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

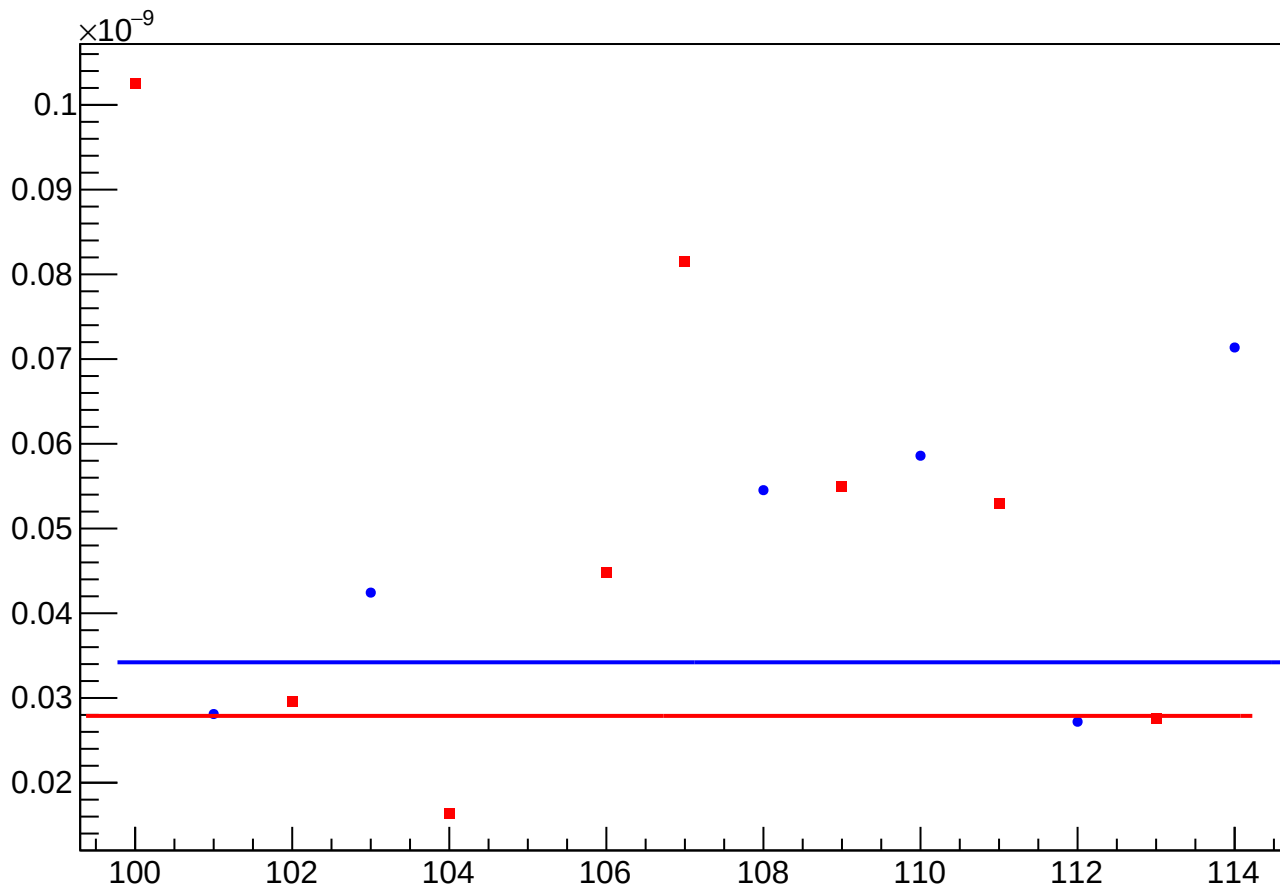
Right: -0.000+/-0.000 χ^2/NDF : 30.1/13

In: 0.000+/-0.000 χ^2/NDF : 15.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.1/13

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 205460.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533239.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

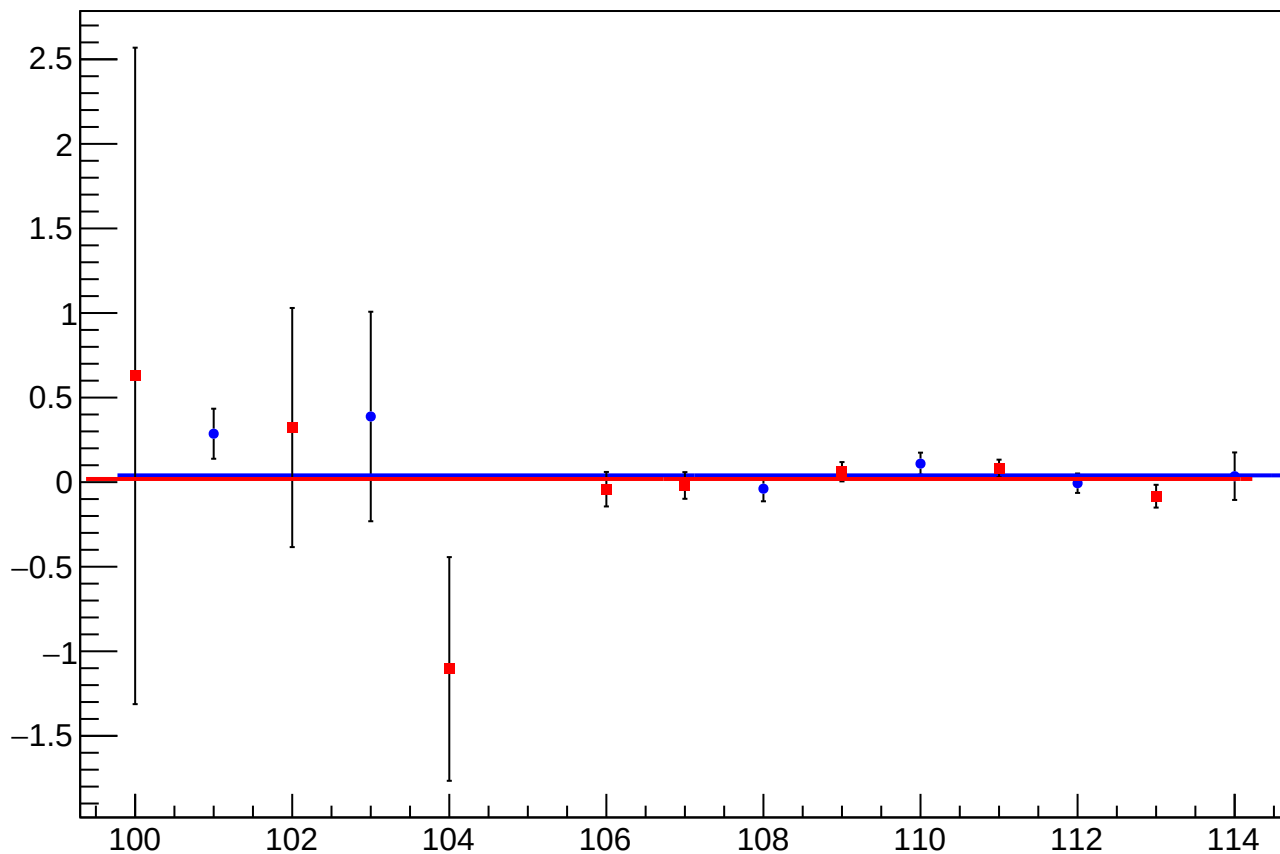
Right: 0.000+/-0.000 χ^2/NDF : 782273.4/13

In: 0.000+/-0.000 χ^2/NDF : 205460.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 782273.4/13

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.029 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

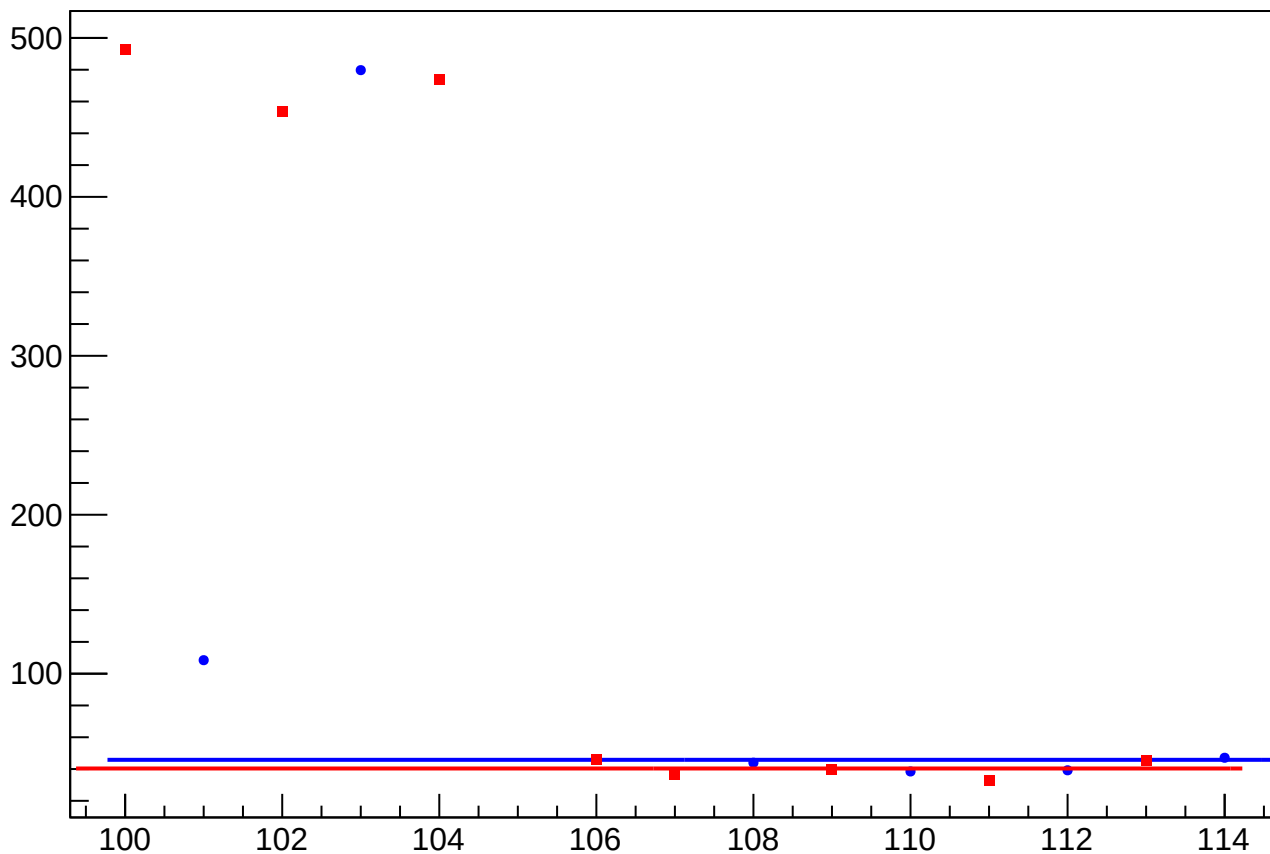
Right: 0.028+/-0.022 χ^2/NDF : 14.3/13

In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 14.3/13

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

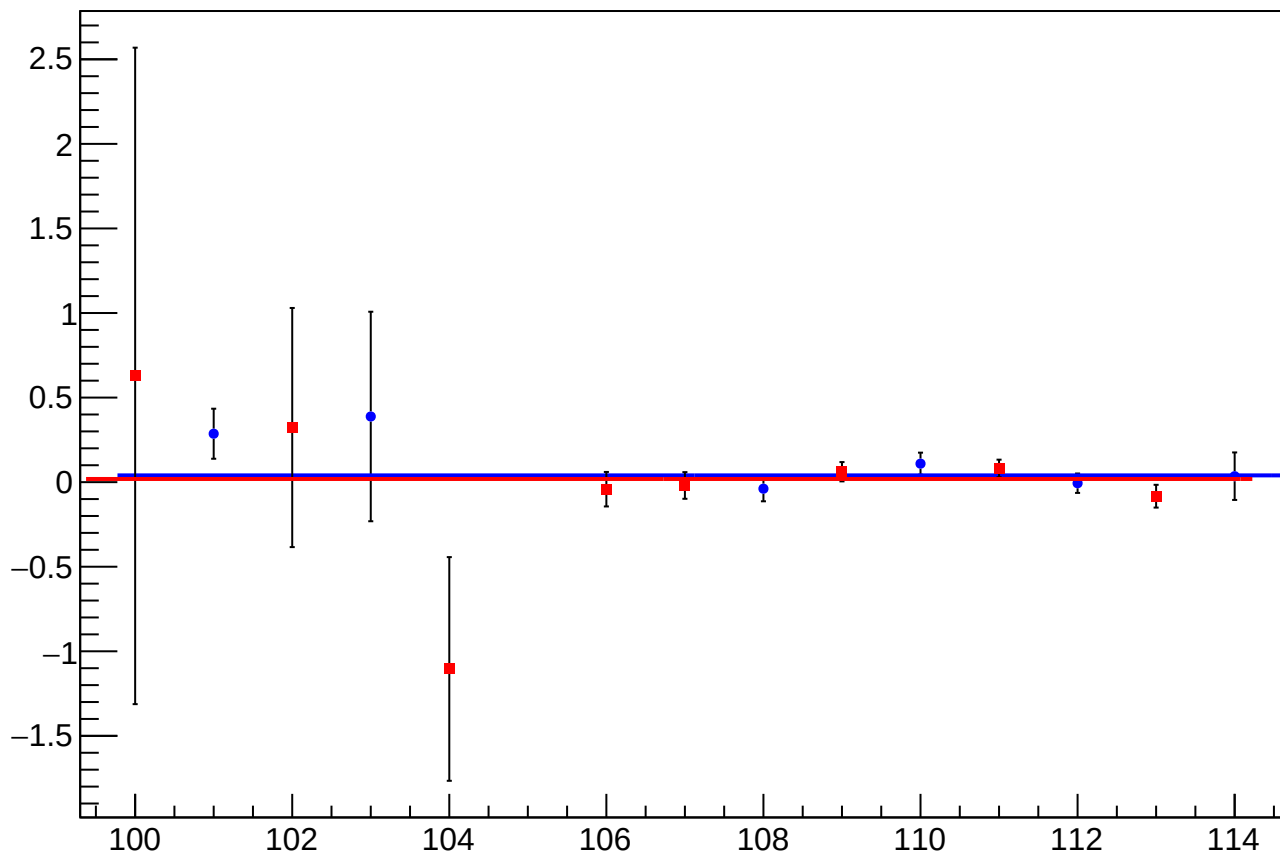
Right: 42.606+/-0.016 χ^2/NDF : 3138572.8/13

In: 45.805+/-0.025 χ^2/NDF : 1394090.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.606+/-0.016 χ^2/NDF : 3138572.8/13

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.029 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

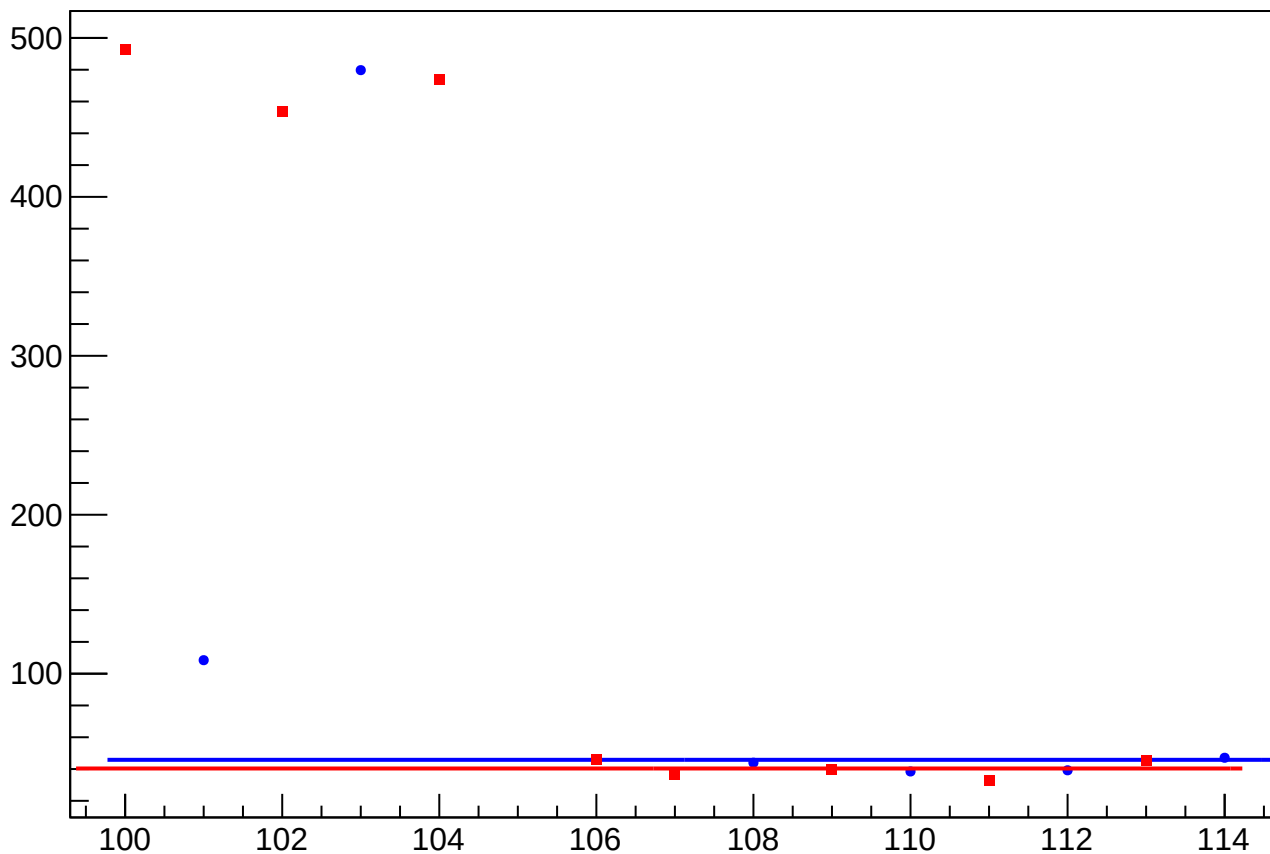
Right: 0.028+/-0.022 χ^2/NDF : 14.3/13

In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 14.3/13

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

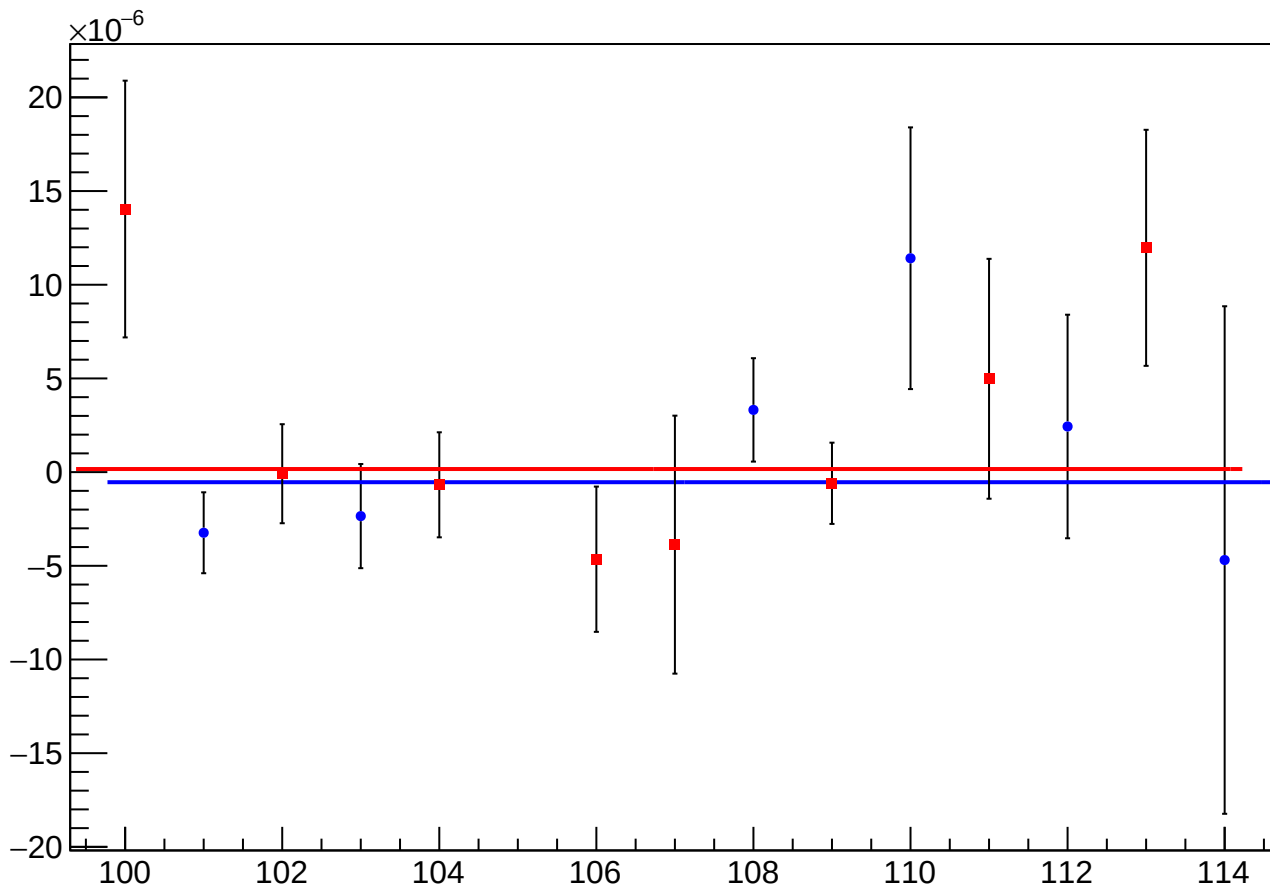
Right: 42.606+/-0.016 χ^2/NDF : 3138572.8/13

In: 45.805+/-0.025 χ^2/NDF : 1394090.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.606+/-0.016 χ^2/NDF : 3138572.8/13

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

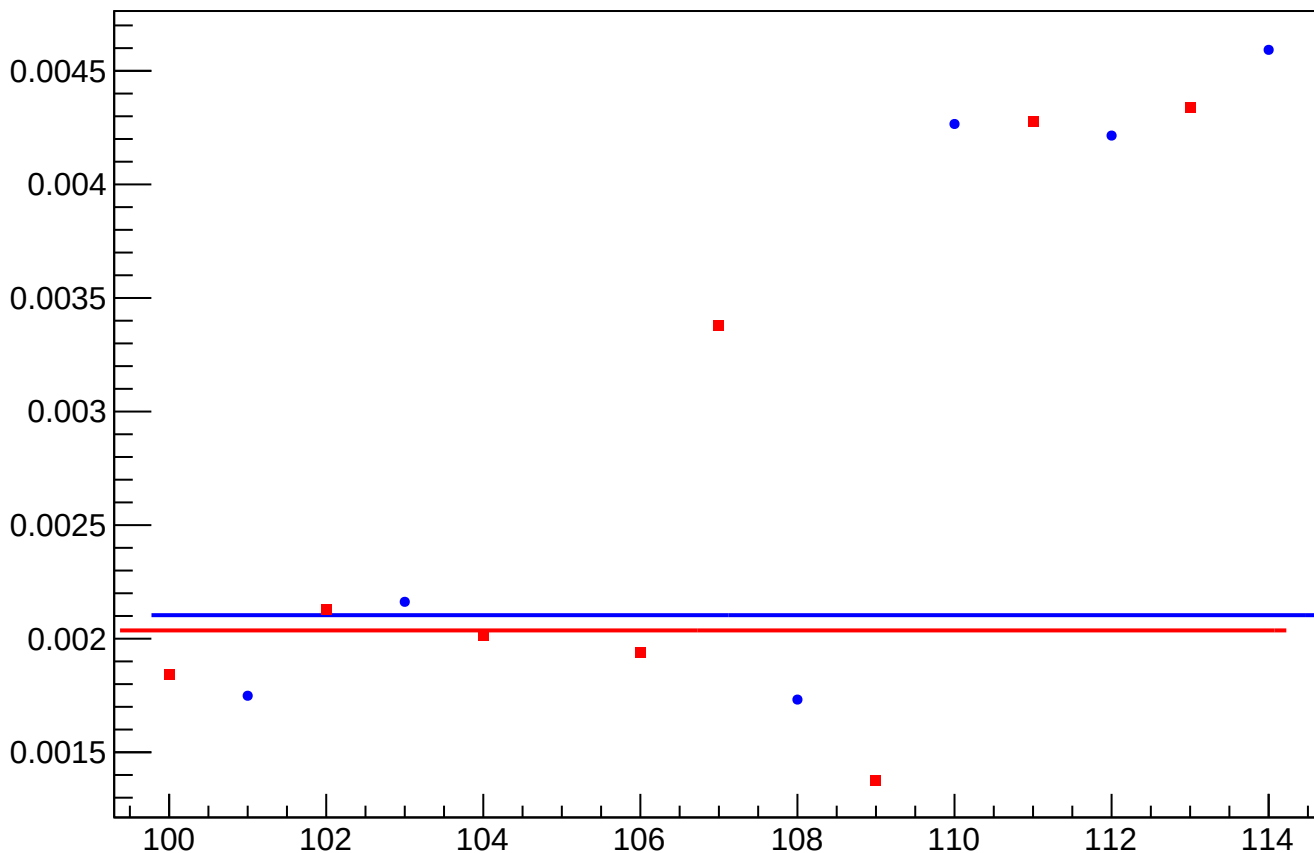
Right: -0.000+/-0.000 χ^2/NDF : 17.6/13

In: -0.000+/-0.000 χ^2/NDF : 7.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/13

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

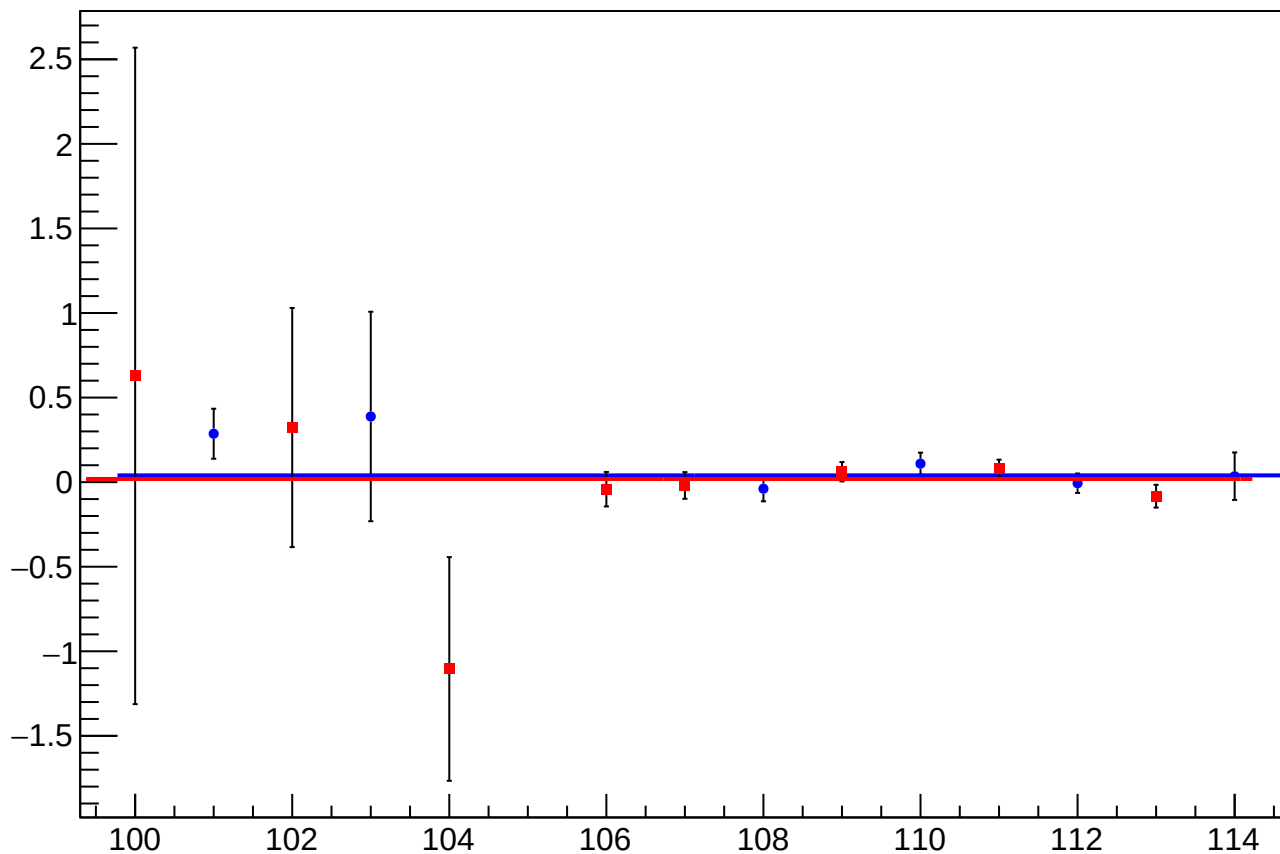
Right: 0.002+/-0.000 χ^2/NDF : 1382289.5/13

In: 0.002+/-0.000 χ^2/NDF :600990.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1382289.5/13

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.029 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

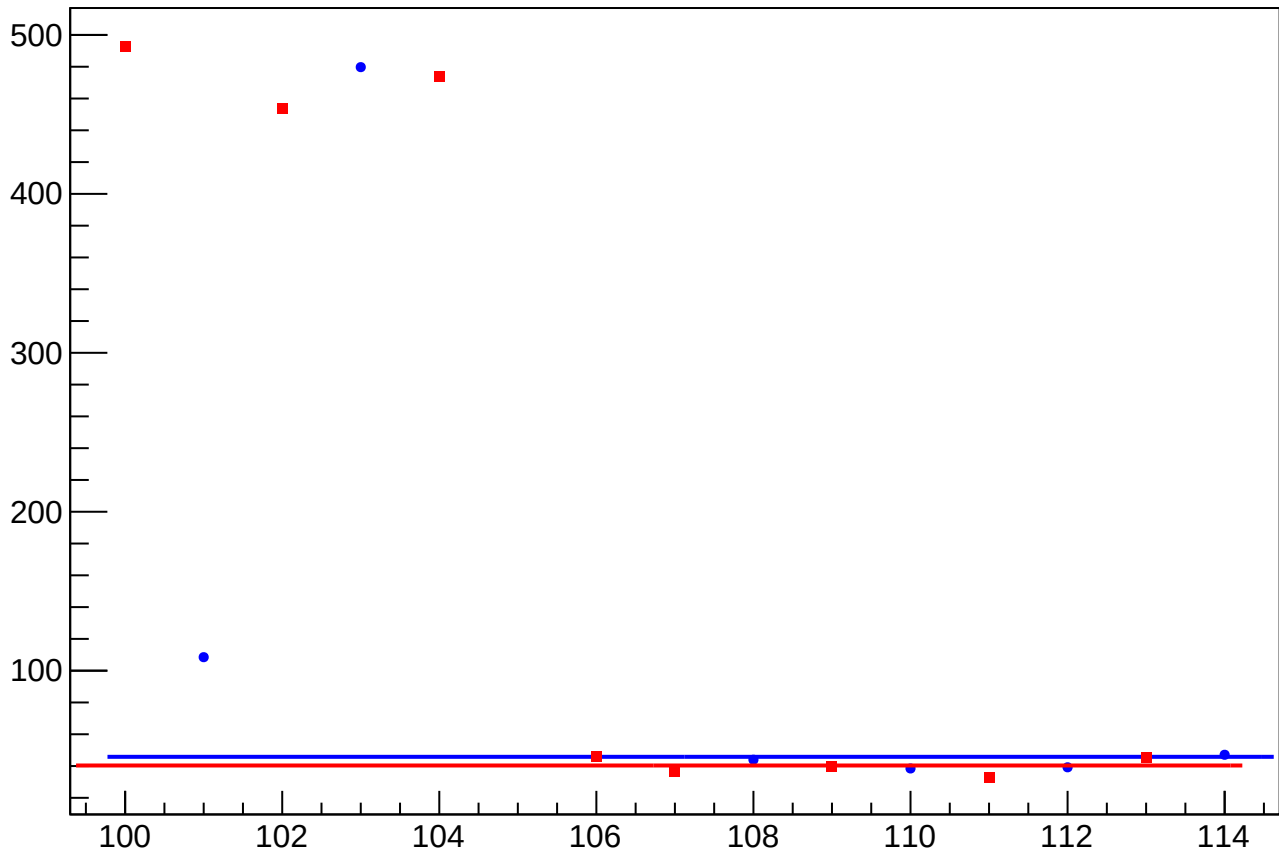
Right: 0.028+/-0.022 χ^2/NDF : 14.3/13

In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 14.3/13

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.805+/-0.025 χ^2/NDF : 1394097.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.347+/-0.021 χ^2/NDF : 1715877.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

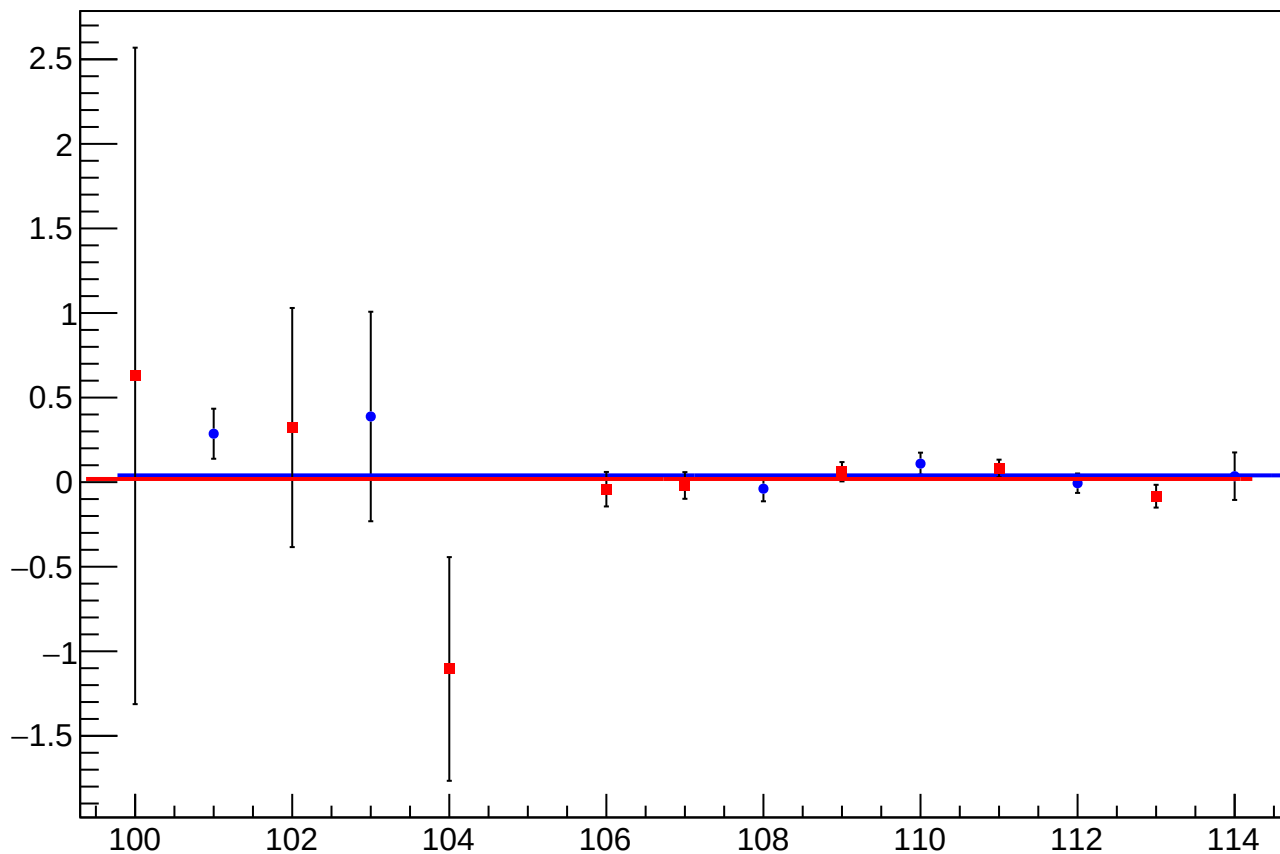
Right: 42.605+/-0.016 χ^2/NDF : 3138578.0/13

In: 45.805+/-0.025 χ^2/NDF : 1394097.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.605+/-0.016 χ^2/NDF : 3138578.0/13

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.029 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

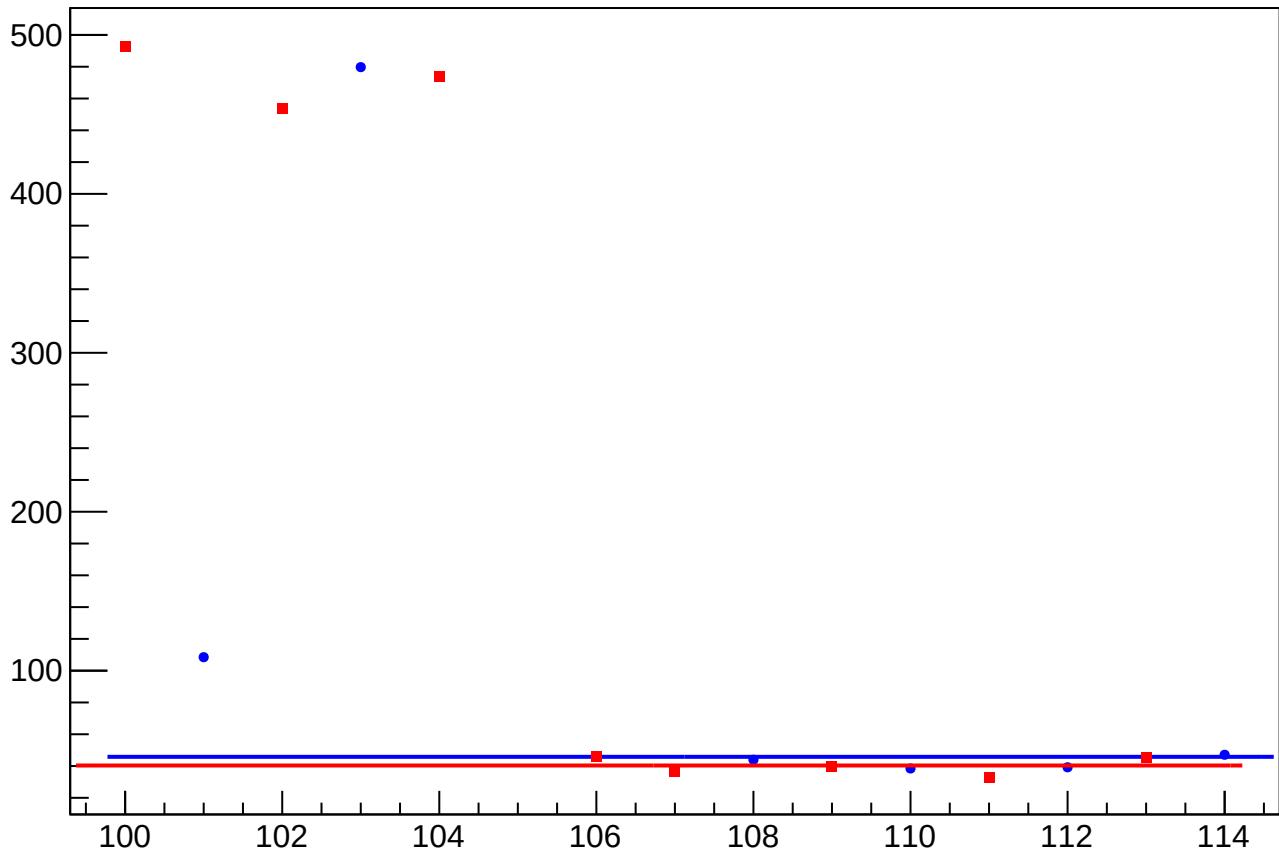
Right: 0.028+/-0.022 χ^2/NDF : 14.3/13

In: 0.040+/-0.035 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 14.3/13

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.805+/-0.025 χ^2/NDF : 1394097.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.347+/-0.021 χ^2/NDF : 1715877.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

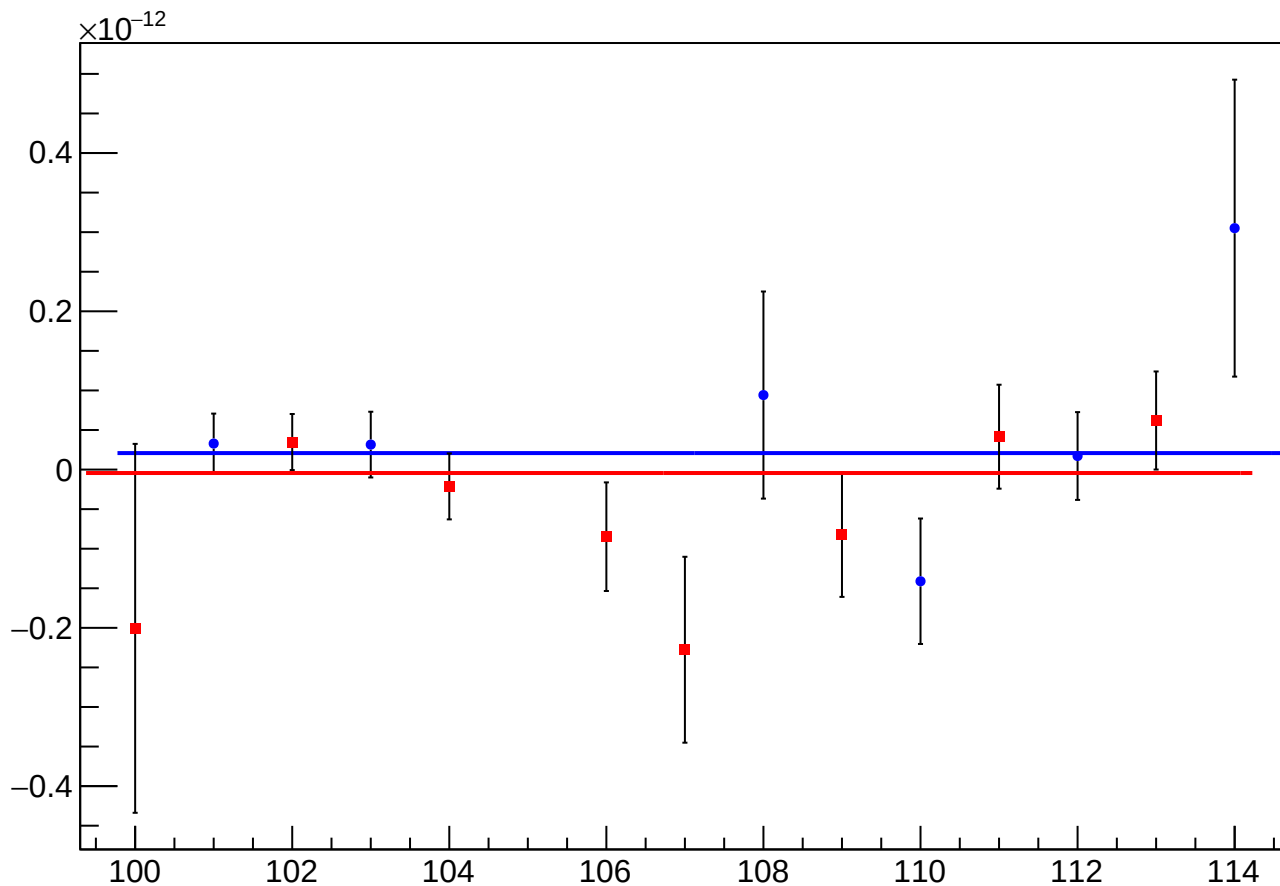
Right: 42.605+/-0.016 χ^2/NDF : 3138578.0/13

In: 45.805+/-0.025 χ^2/NDF : 1394097.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.605+/-0.016 χ^2/NDF : 3138578.0/13

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

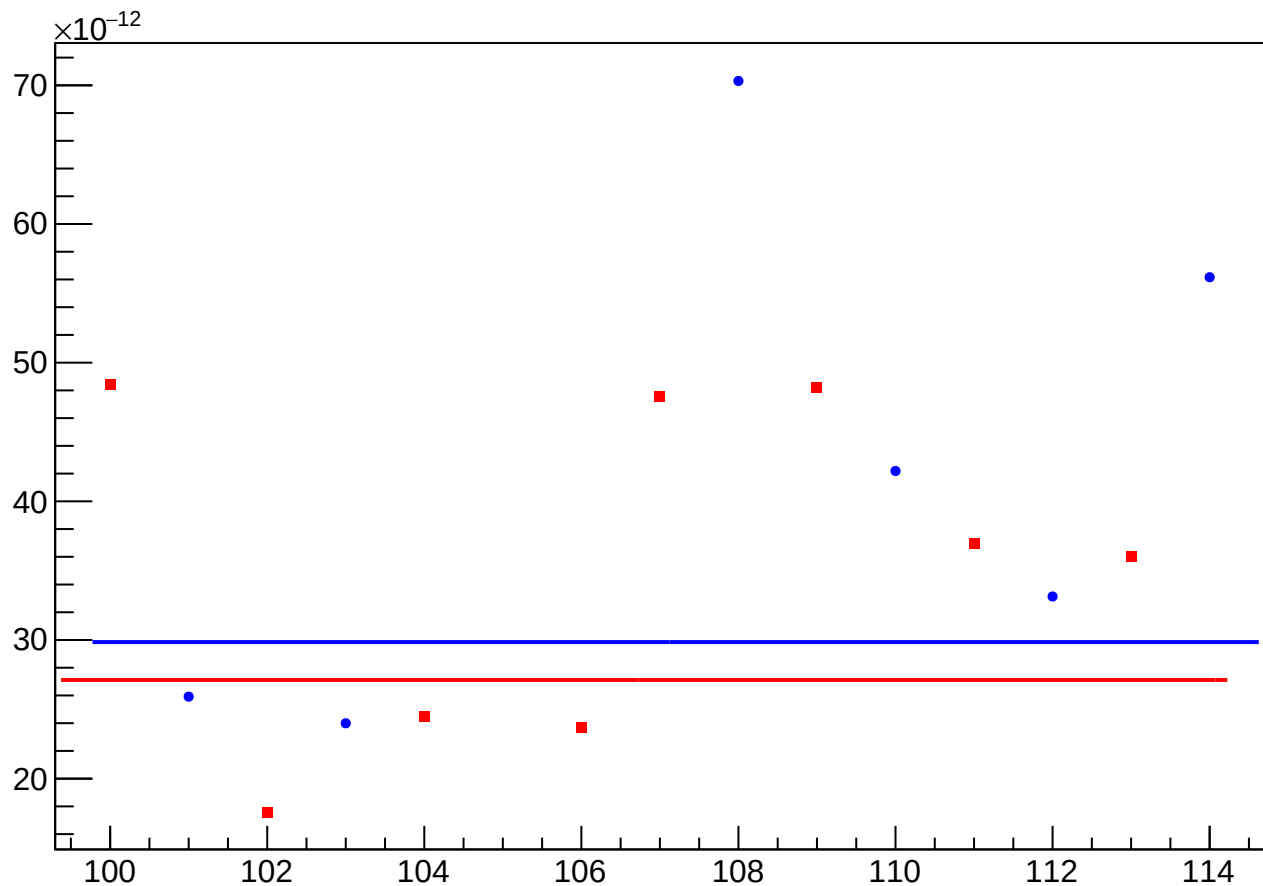
Right: 0.000+/-0.000 χ^2/NDF : 17.3/13

In: 0.000+/-0.000 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.3/13

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

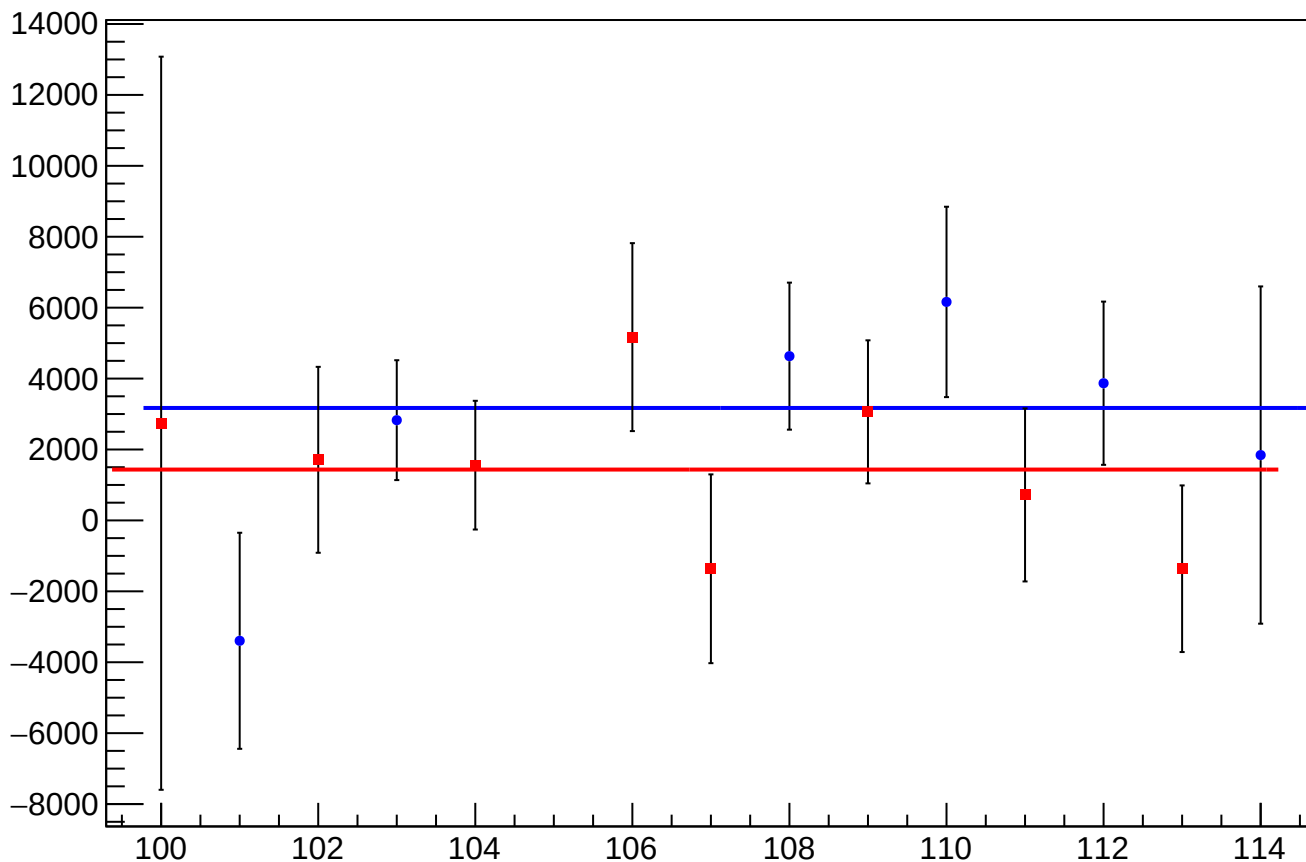
Right: 0.000+/-0.000 χ^2/NDF : 828981.4/13

In: 0.000+/-0.000 χ^2/NDF : 347476.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 828981.4/13

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

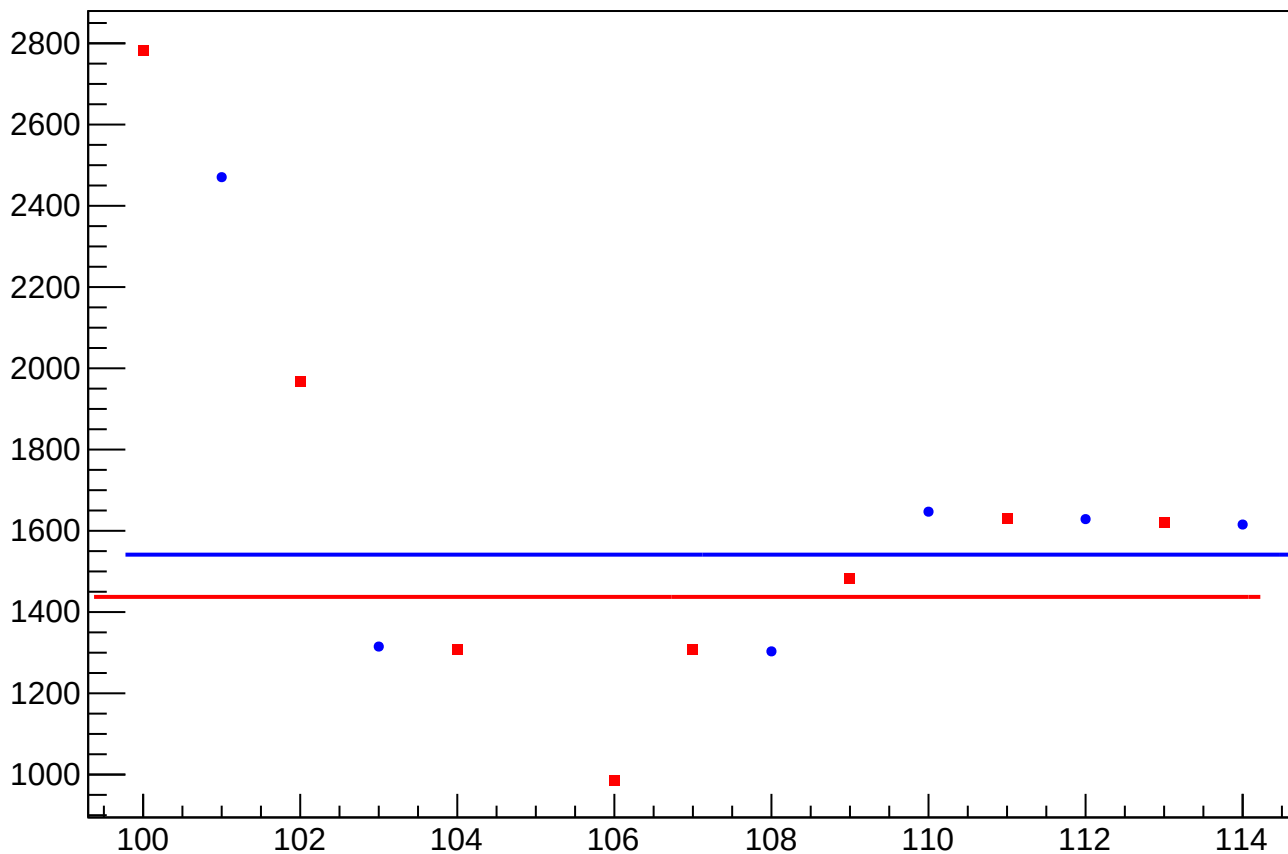
Right: 2203.279+/-645.683 χ^2/NDF : 13.7/13

In: 3171.420+/-970.352 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.279+/-645.683 χ^2/NDF : 13.7/13

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

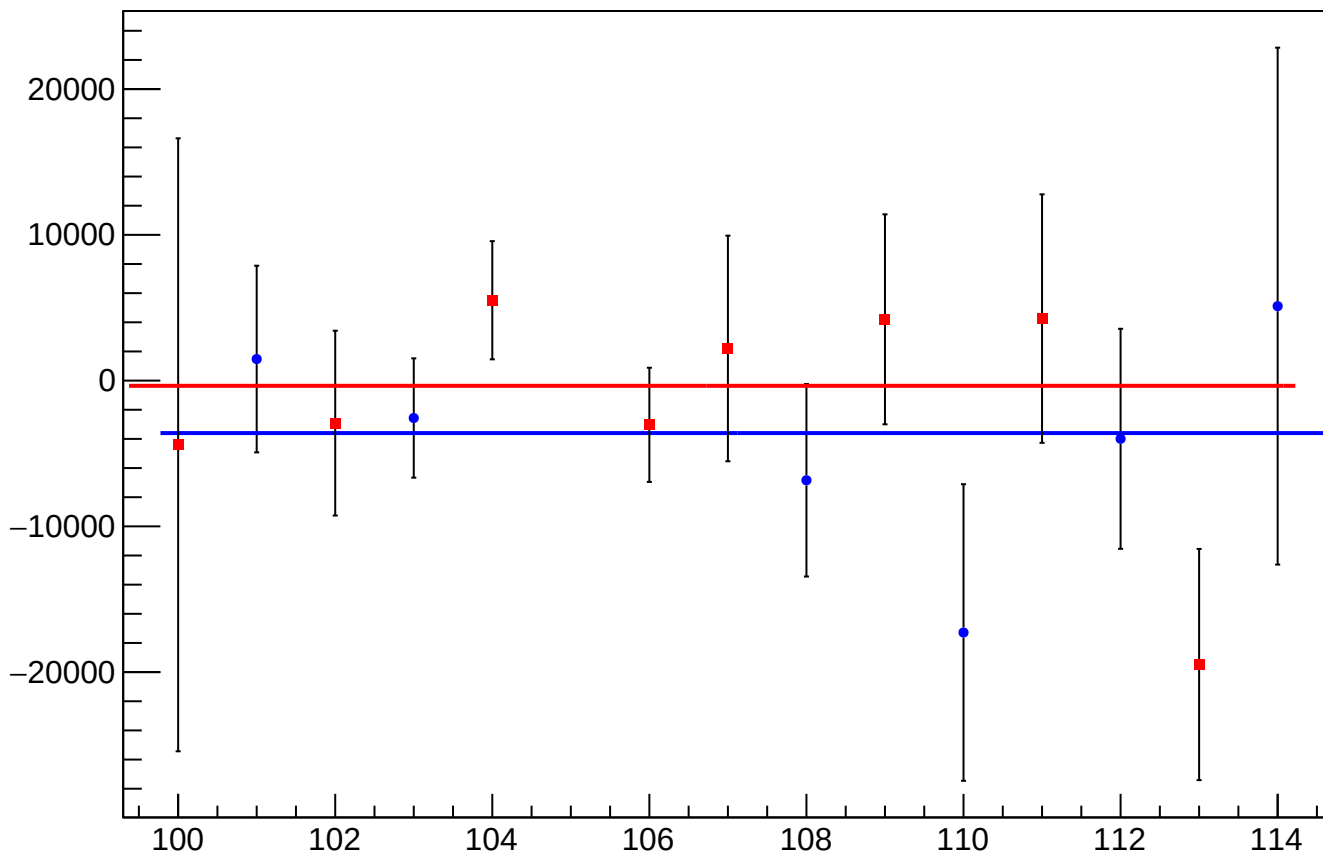
Right: 1481.556+/-0.447 χ^2/NDF : 522380.9/13

In: 1541.328+/-0.686 χ^2/NDF : 254693.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1481.556+/-0.447 χ^2/NDF : 522380.9/13

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

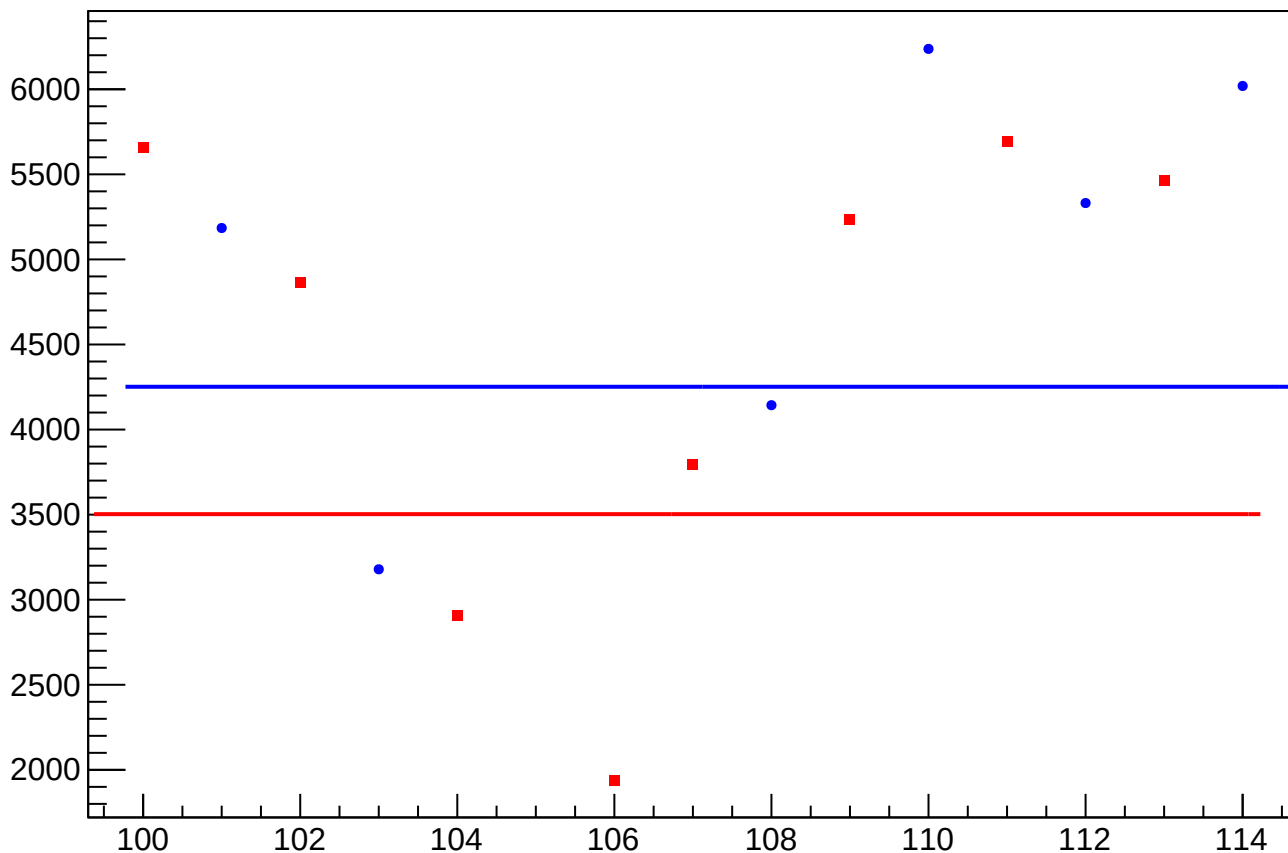
Right: -1608.066+/-1675.623 χ^2/NDF : 13.3/13

In: -3599.903+/-2697.956 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1608.066+/-1675.623 χ^2/NDF : 13.3/13

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

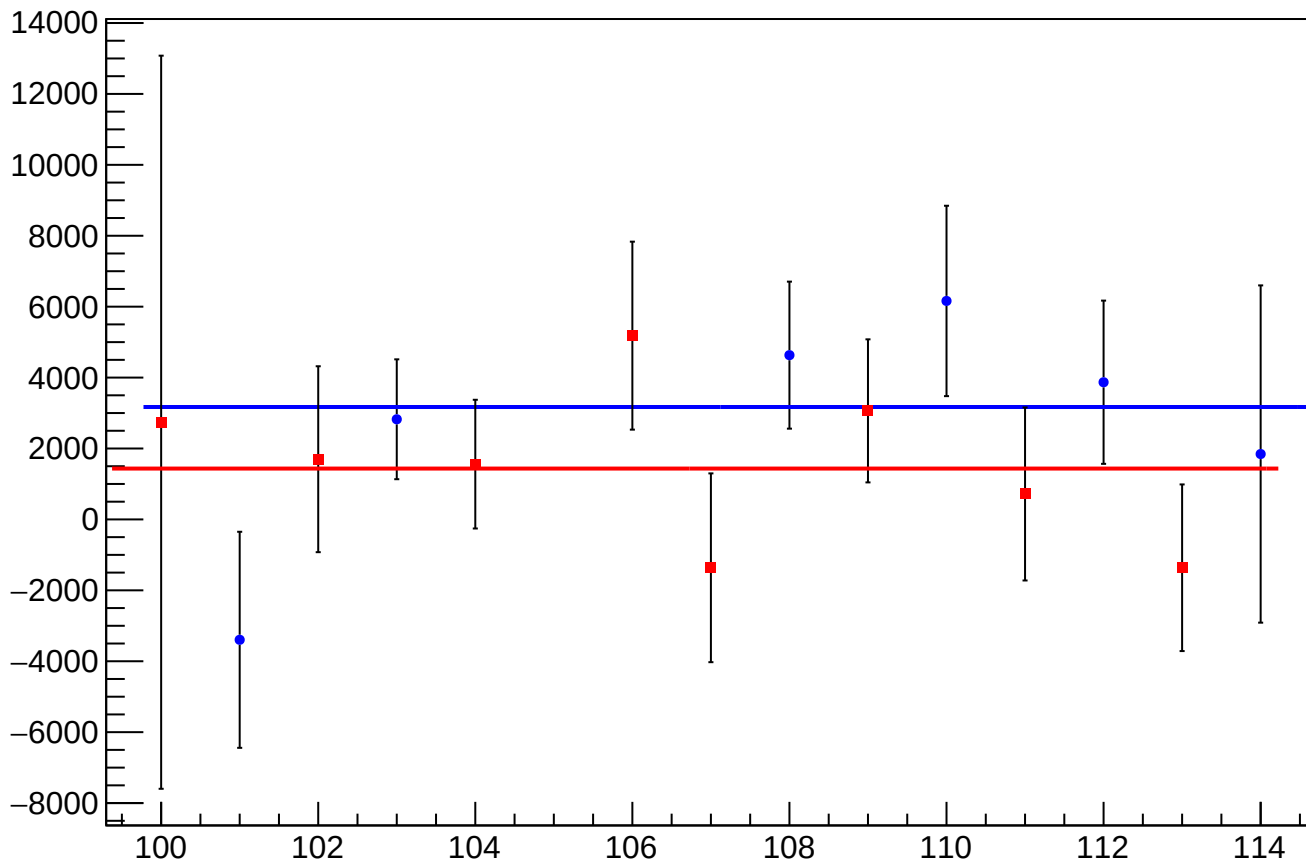
Right: 3791.655+/-1.185 χ^2/NDF : 1260061.7/13

In: 4251.543+/-1.908 χ^2/NDF :317342.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3791.655+/-1.185 χ^2/NDF : 1260061.7/13

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

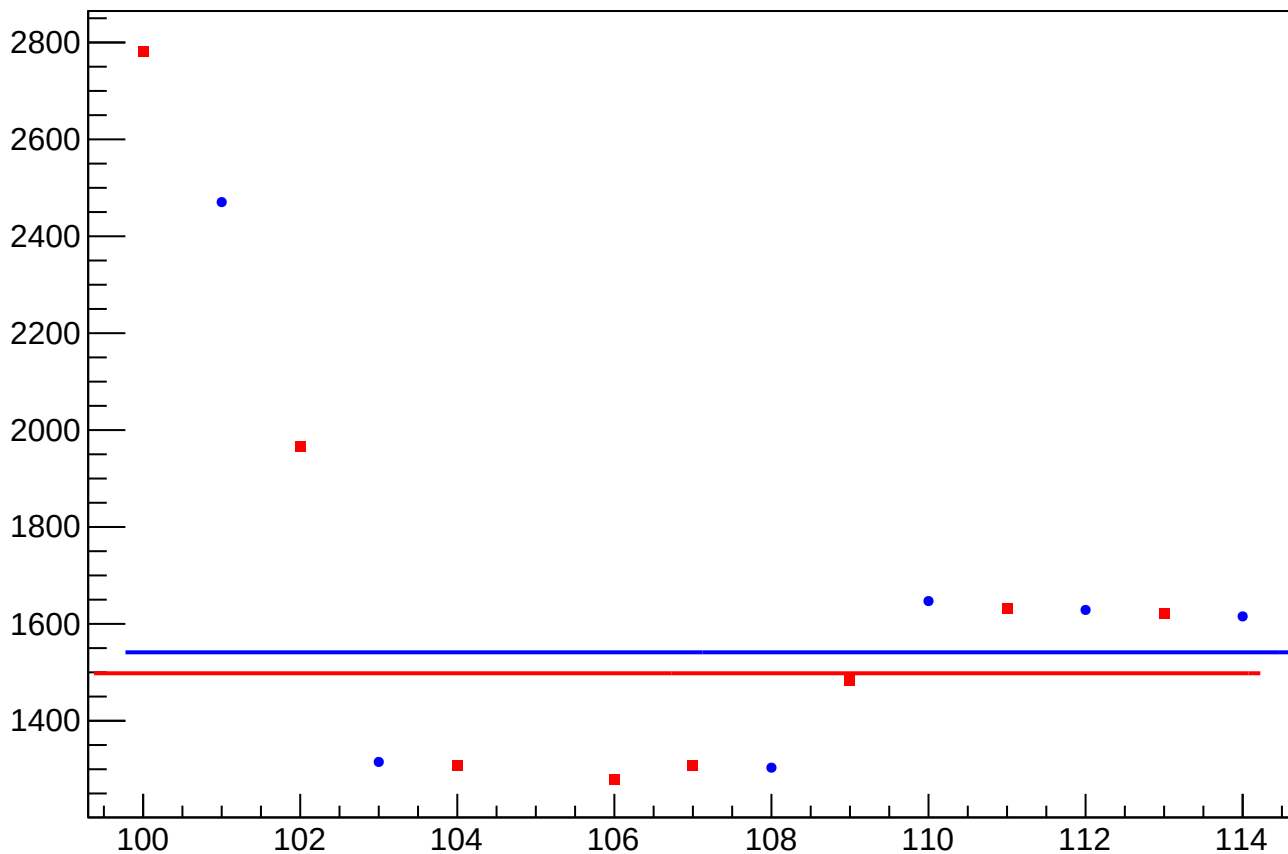
Right: 2202.952 $\pm$ 645.687 χ^2 /NDF: 13.7/13

In: 3170.432 $\pm$ 970.352 χ^2 /NDF: 6.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2202.952 $\pm$ 645.687 χ^2 /NDF: 13.7/13

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

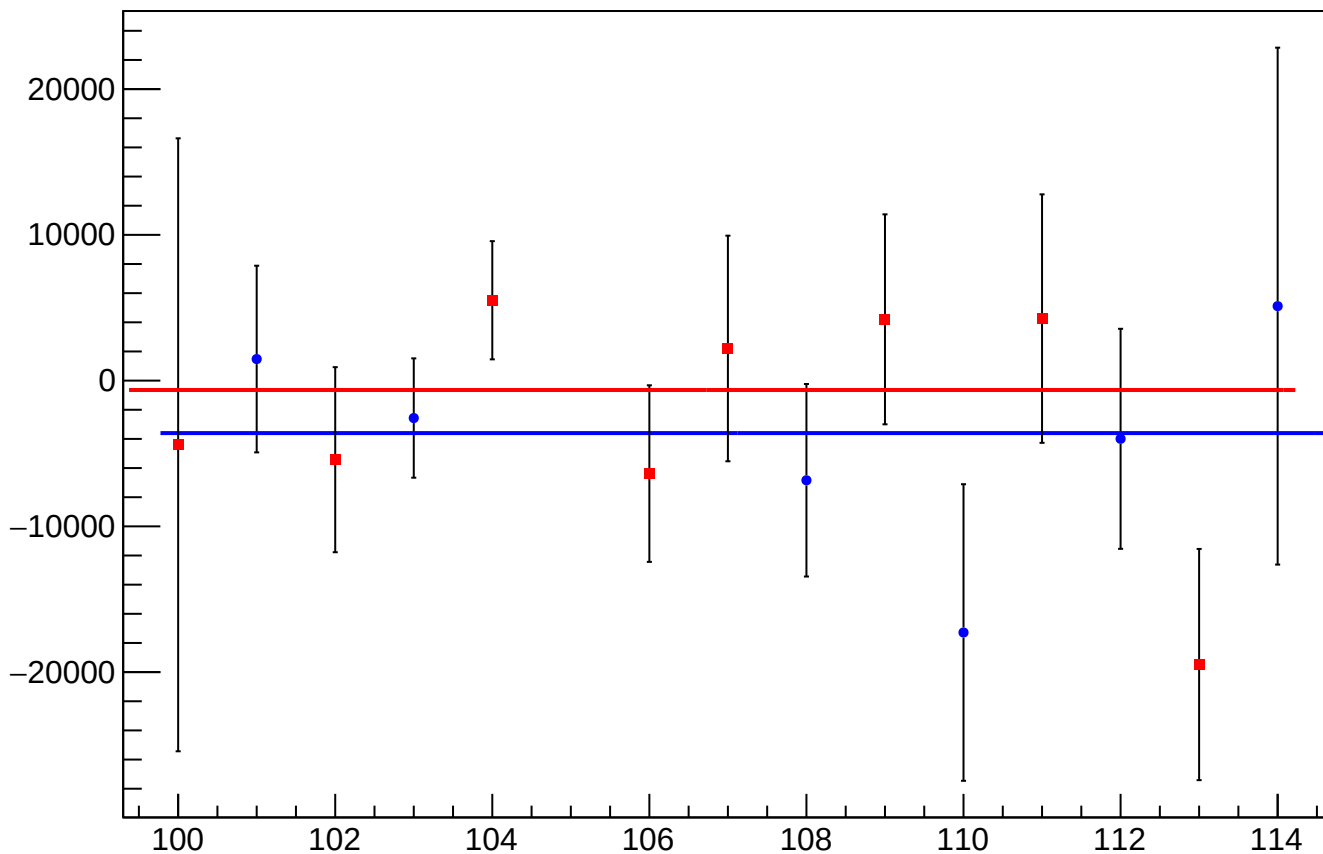
Right: 1517.046+/-0.454 χ^2/NDF : 411481.3/13

In: 1541.329+/-0.686 χ^2/NDF : 254692.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.046+/-0.454 χ^2/NDF : 411481.3/13

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

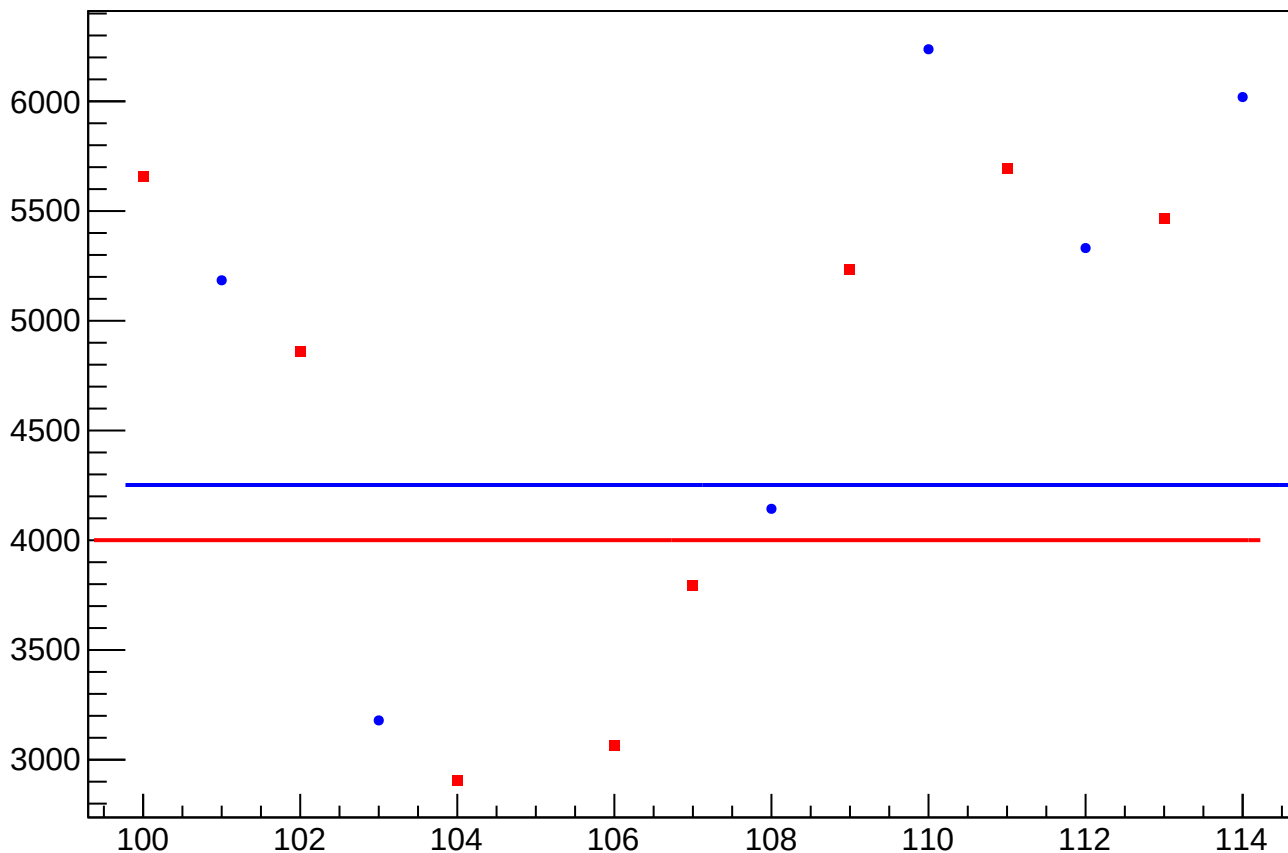
Right: -1920.218+/-1772.927 χ^2/NDF : 14.0/13

In: -3600.659+/-2698.074 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1920.218+/-1772.927 χ^2/NDF : 14.0/13

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

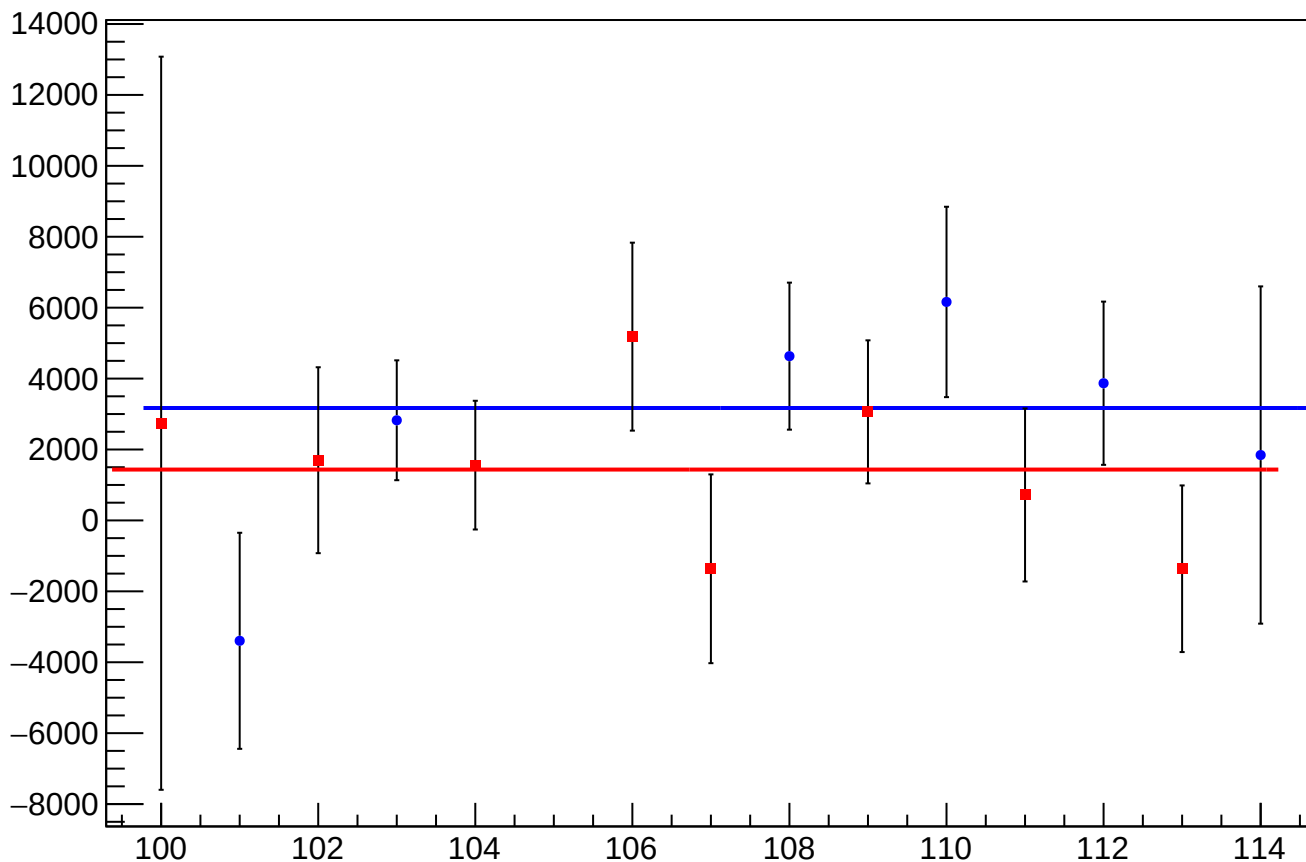
Right: 4108.986+/-1.254 χ^2/NDF : 776675.0/13

In: 4251.787+/-1.908 χ^2/NDF : 317223.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4108.986+/-1.254 χ^2/NDF : 776675.0/13

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3170.432+/-970.352 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1434.178+/-864.983 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

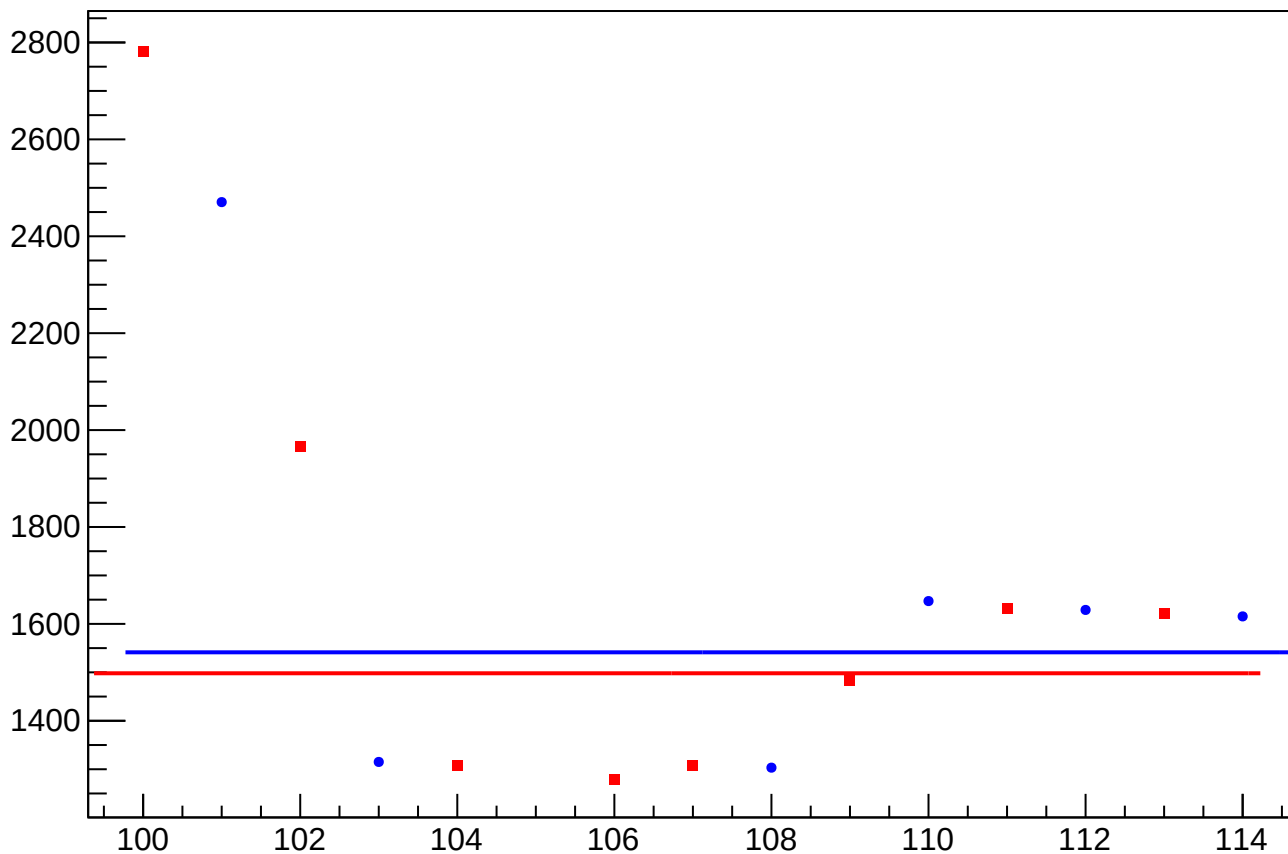
Right: 2202.952+/-645.687 χ^2/NDF : 13.7/13

In: 3170.432+/-970.352 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.952+/-645.687 χ^2/NDF : 13.7/13

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

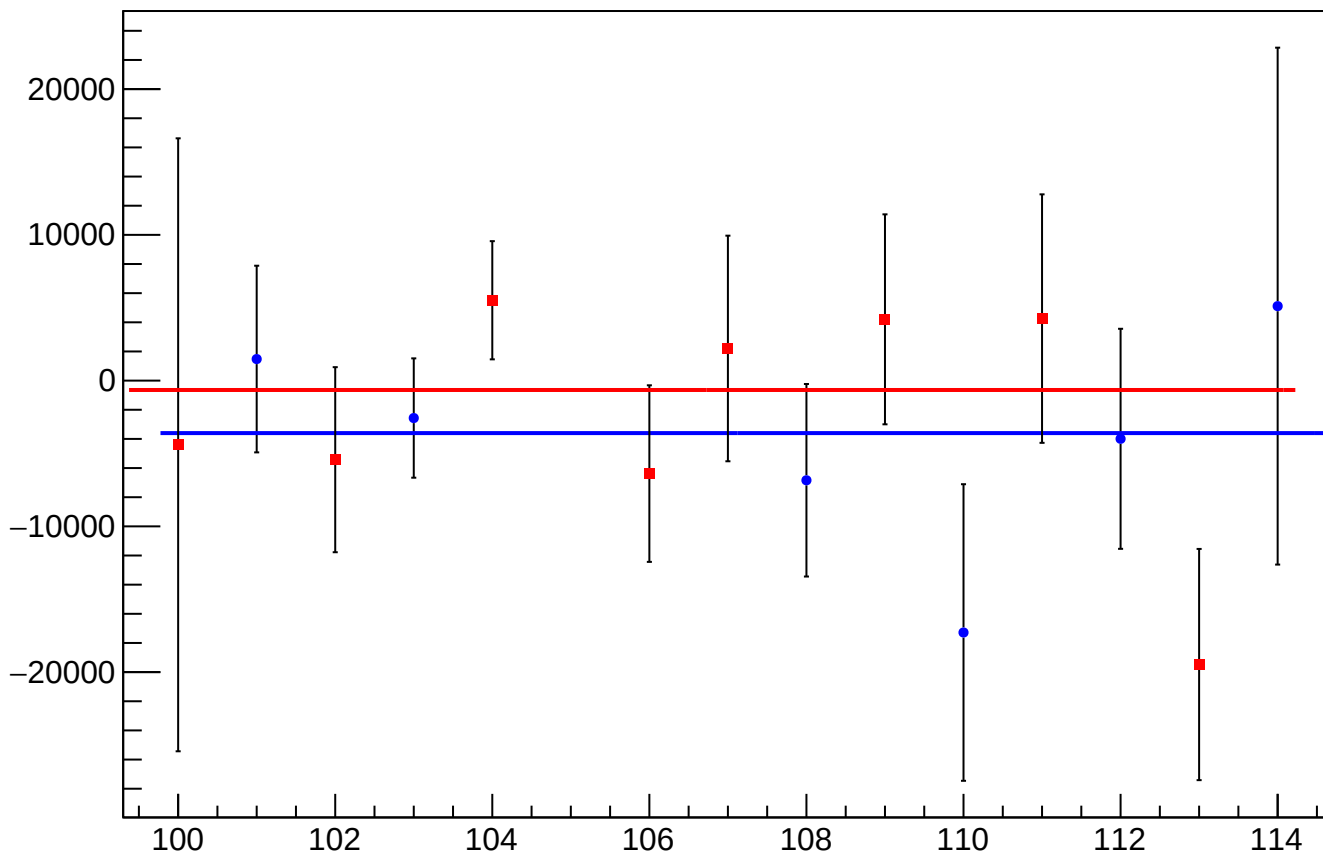
Right: 1517.046+/-0.454 χ^2/NDF : 411481.3/13

In: 1541.329+/-0.686 χ^2/NDF : 254692.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.046+/-0.454 χ^2/NDF : 411481.3/13

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

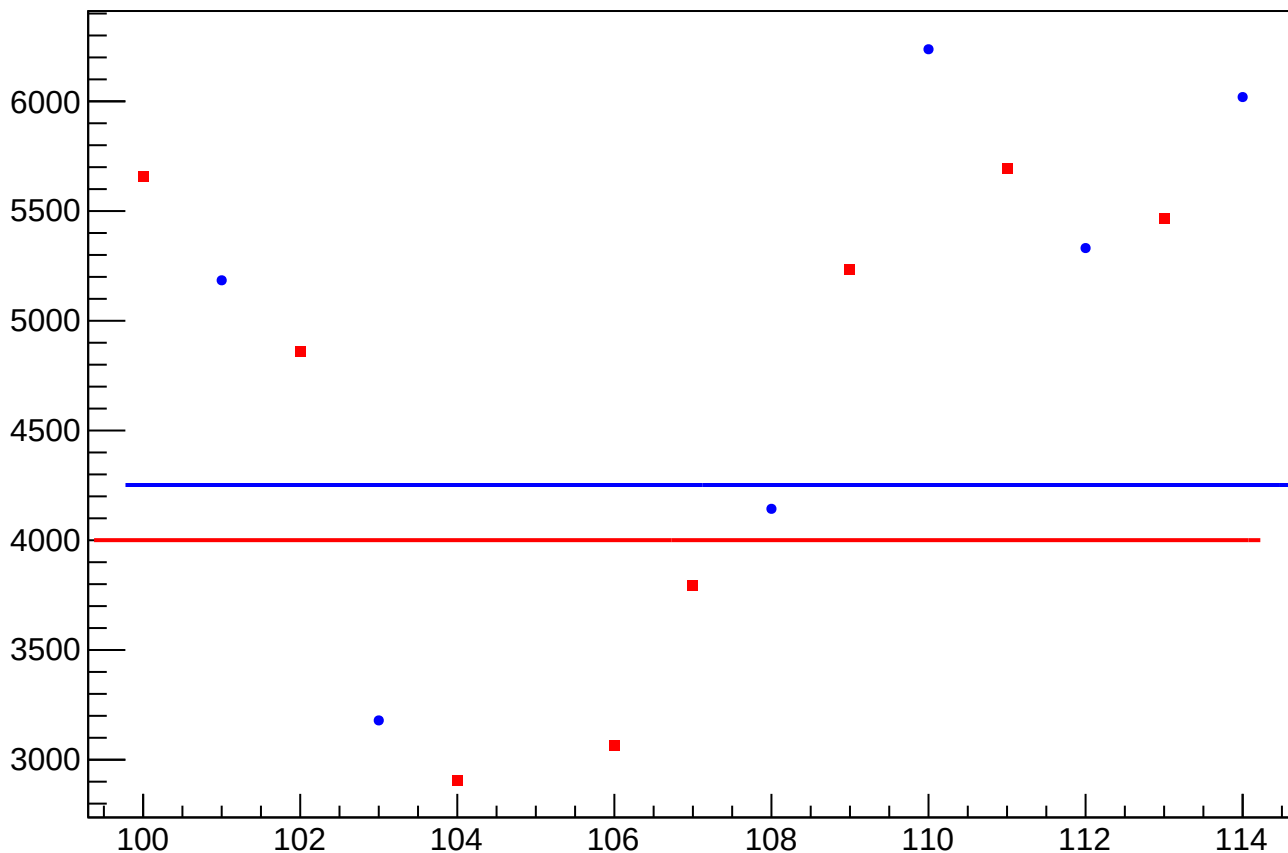
Right: -1920.218+/-1772.927 χ^2/NDF : 14.0/13

In: -3600.659+/-2698.074 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1920.218+/-1772.927 χ^2/NDF : 14.0/13

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

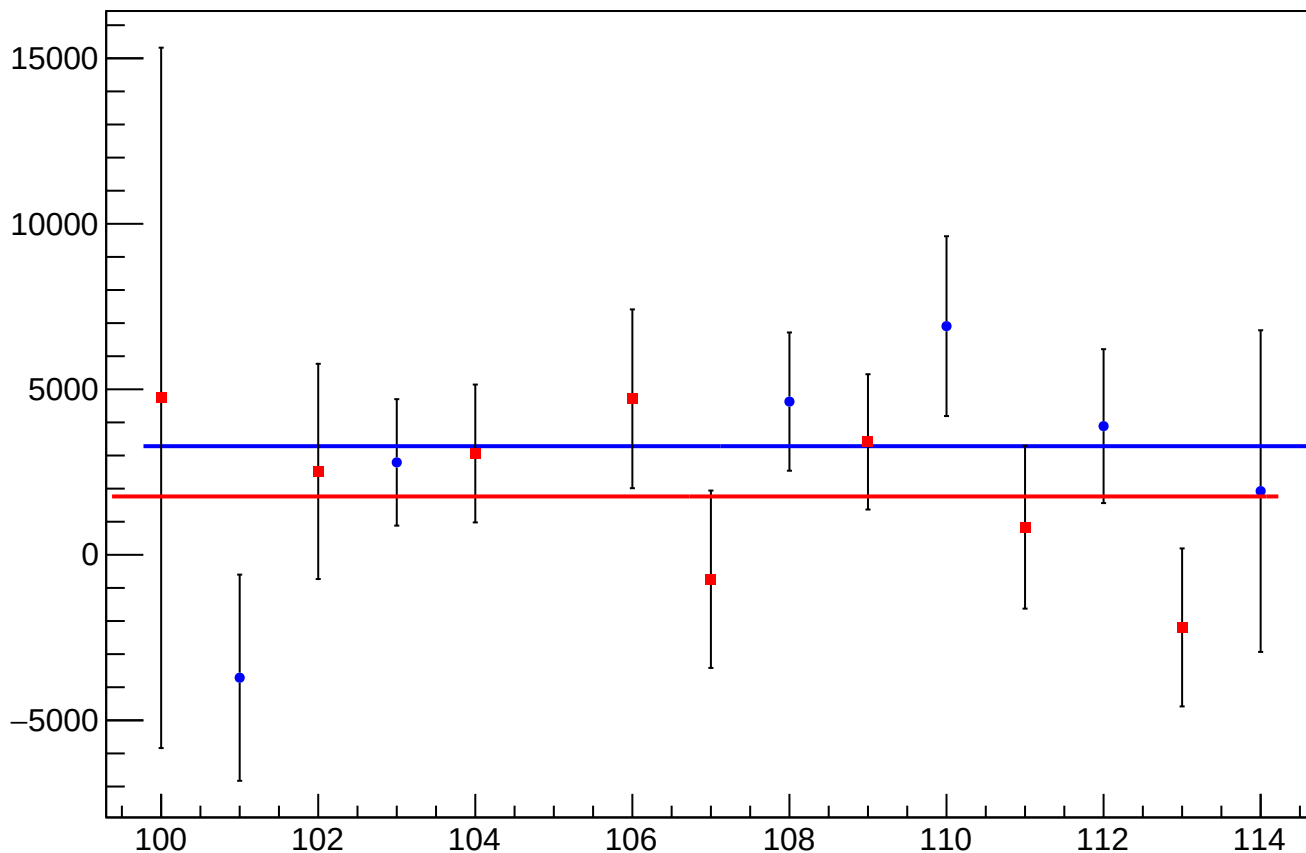
Right: 4108.986+/-1.254 χ^2/NDF : 776675.0/13

In: 4251.787+/-1.908 χ^2/NDF : 317223.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4108.986+/-1.254 χ^2/NDF : 776675.0/13

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

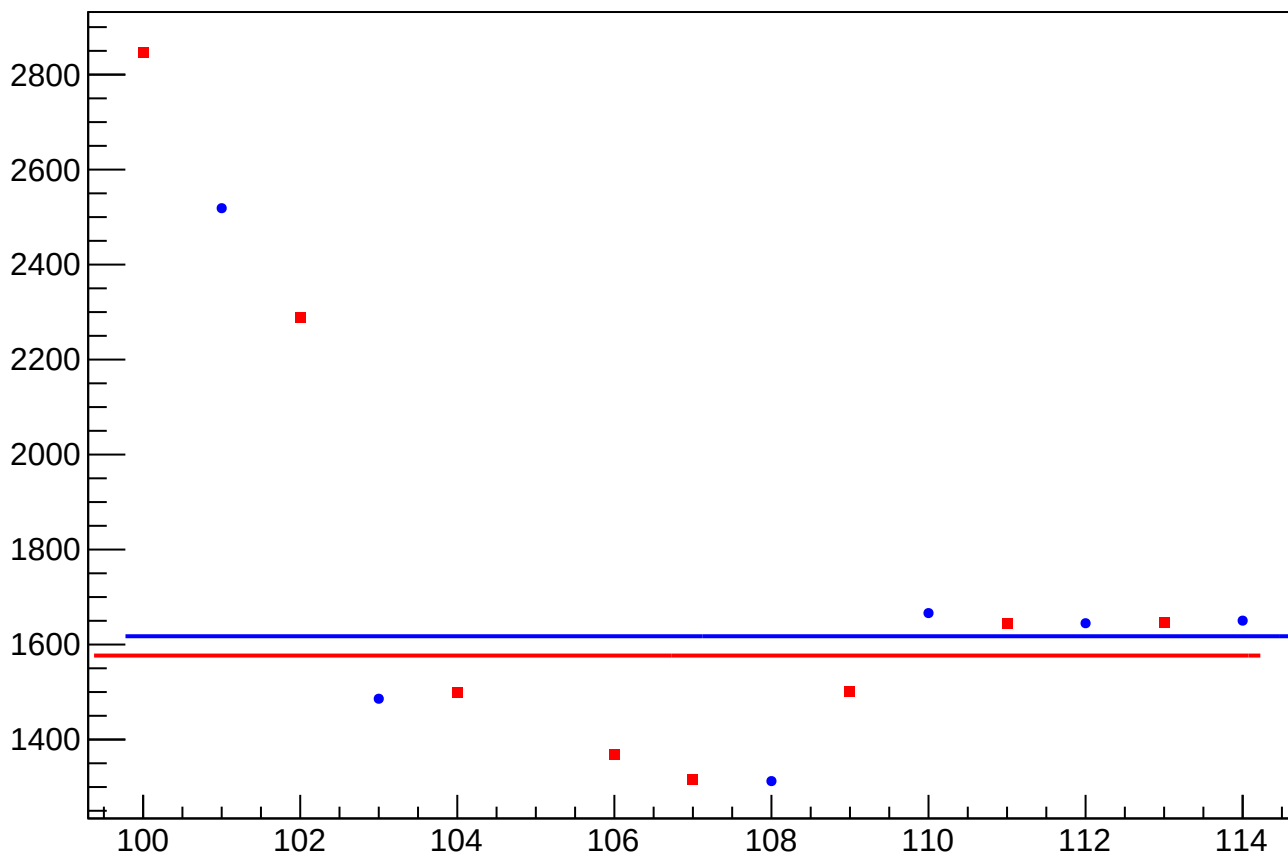
Right: 2444.895+/-680.381 χ^2/NDF : 14.8/13

In: 3281.890+/-1015.648 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2444.895+/-680.381 χ^2/NDF : 14.8/13

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

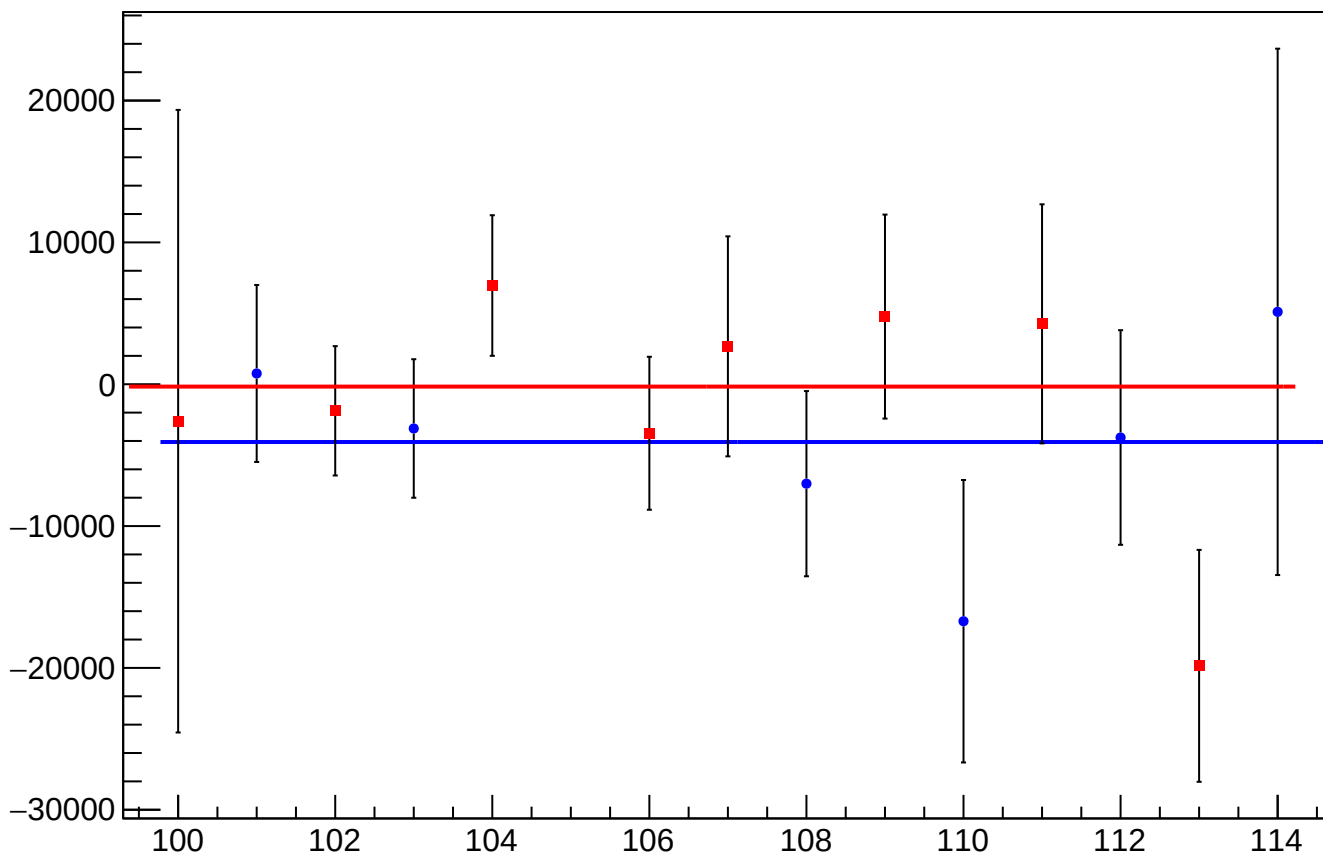
Right: 1595.017+/-0.481 χ^2/NDF : 386951.3/13

In: 1617.476+/-0.718 χ^2/NDF : 220661.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.017+/-0.481 χ^2/NDF : 386951.3/13

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

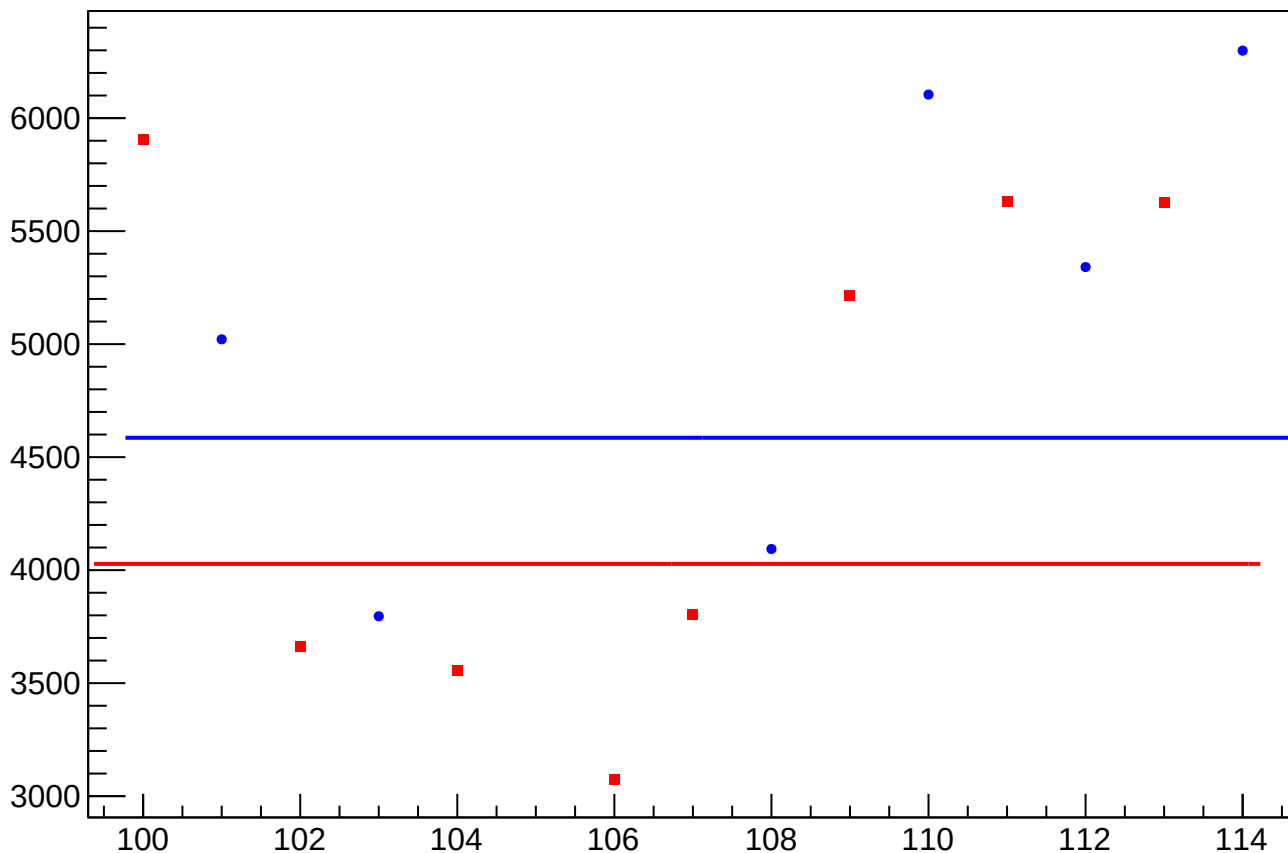
Right: -1689.090+/-1790.744 χ^2/NDF : 13.1/13

In: -4073.466+/-2868.317 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1689.090+/-1790.744 χ^2/NDF : 13.1/13

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4585.695+/-2.028 χ^2/NDF : 156935.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4027.648+/-1.621 χ^2/NDF : 313414.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

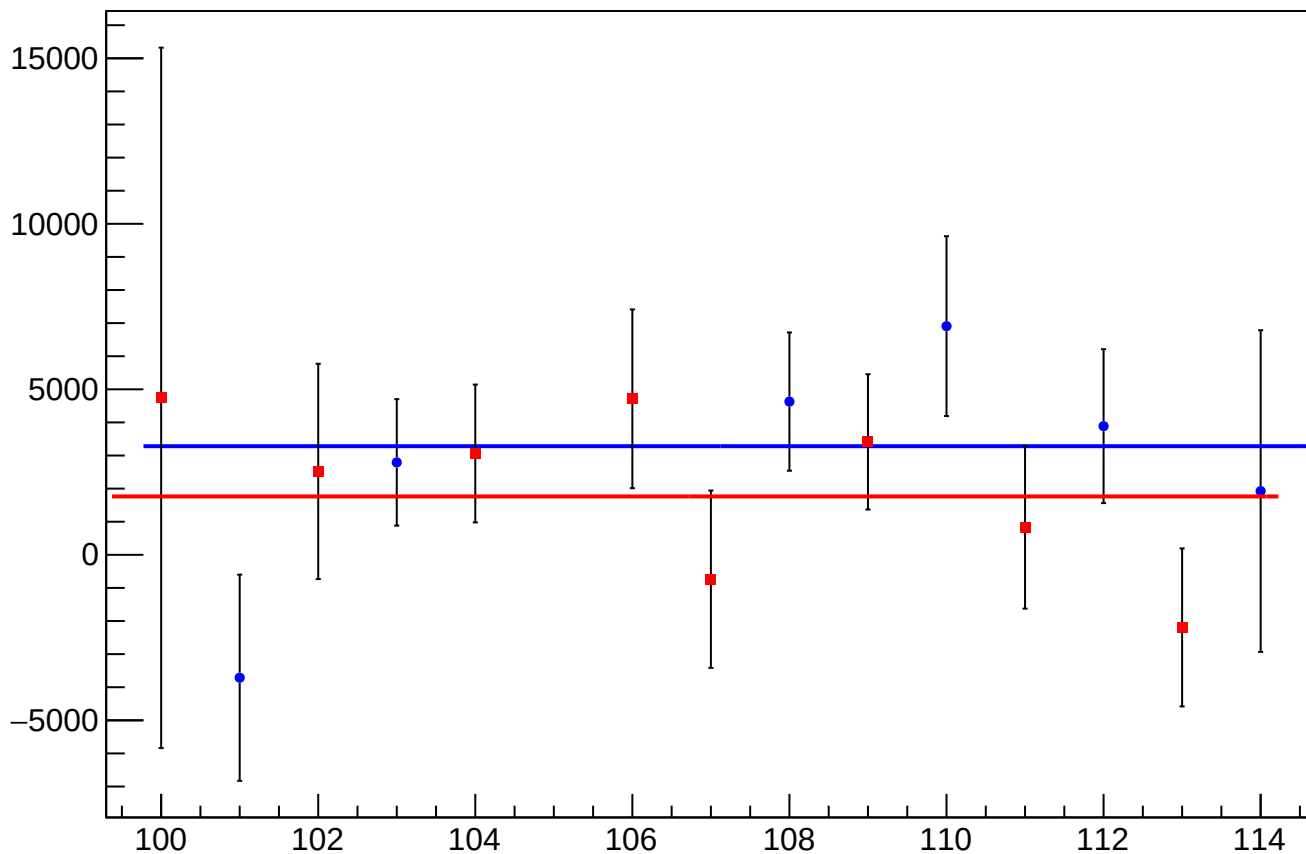
Right: 4245.160+/-1.266 χ^2/NDF : 516545.6/13

In: 4585.695+/-2.028 χ^2/NDF : 156935.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4245.160+/-1.266 χ^2/NDF : 516545.6/13

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

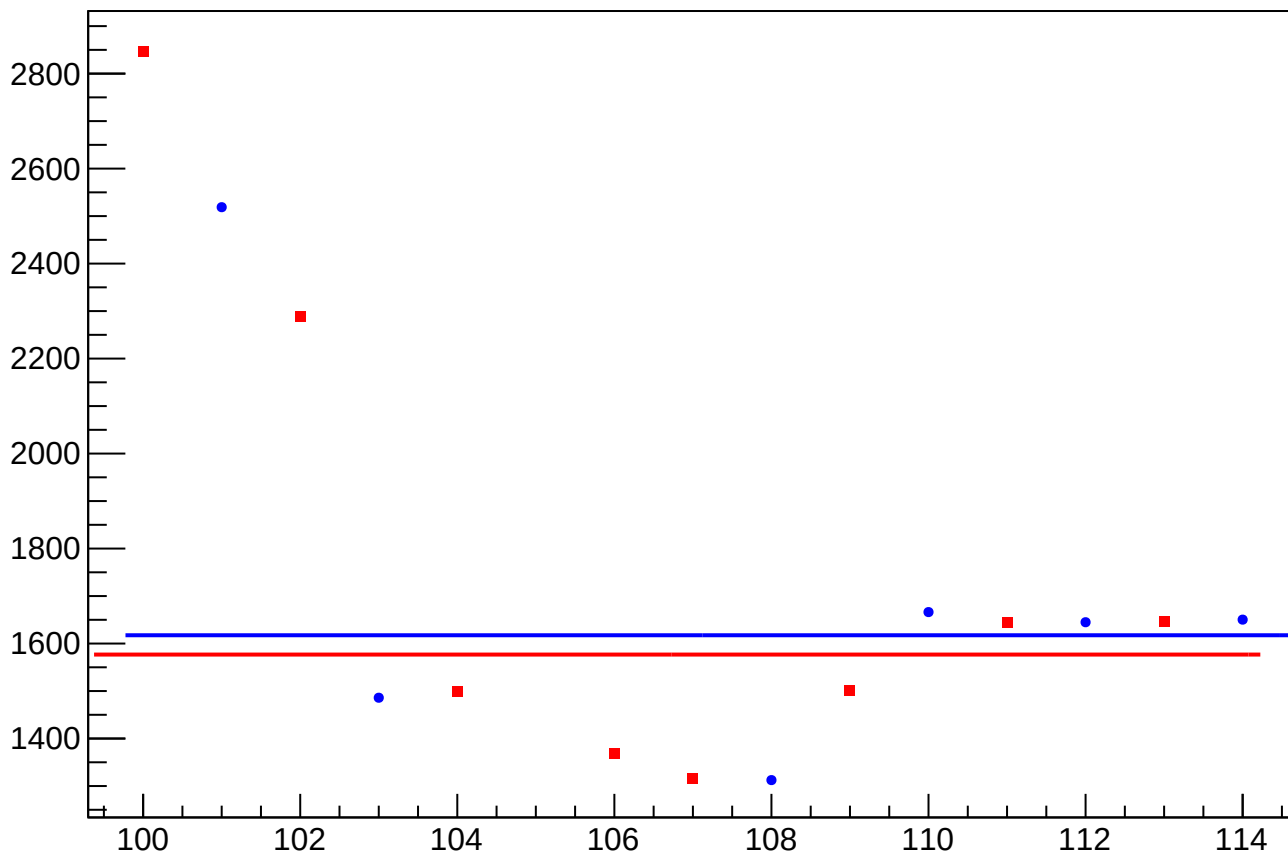
Right: 2444.897+/-680.381 χ^2/NDF : 14.8/13

In: 3281.891+/-1015.648 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2444.897+/-680.381 χ^2/NDF : 14.8/13

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

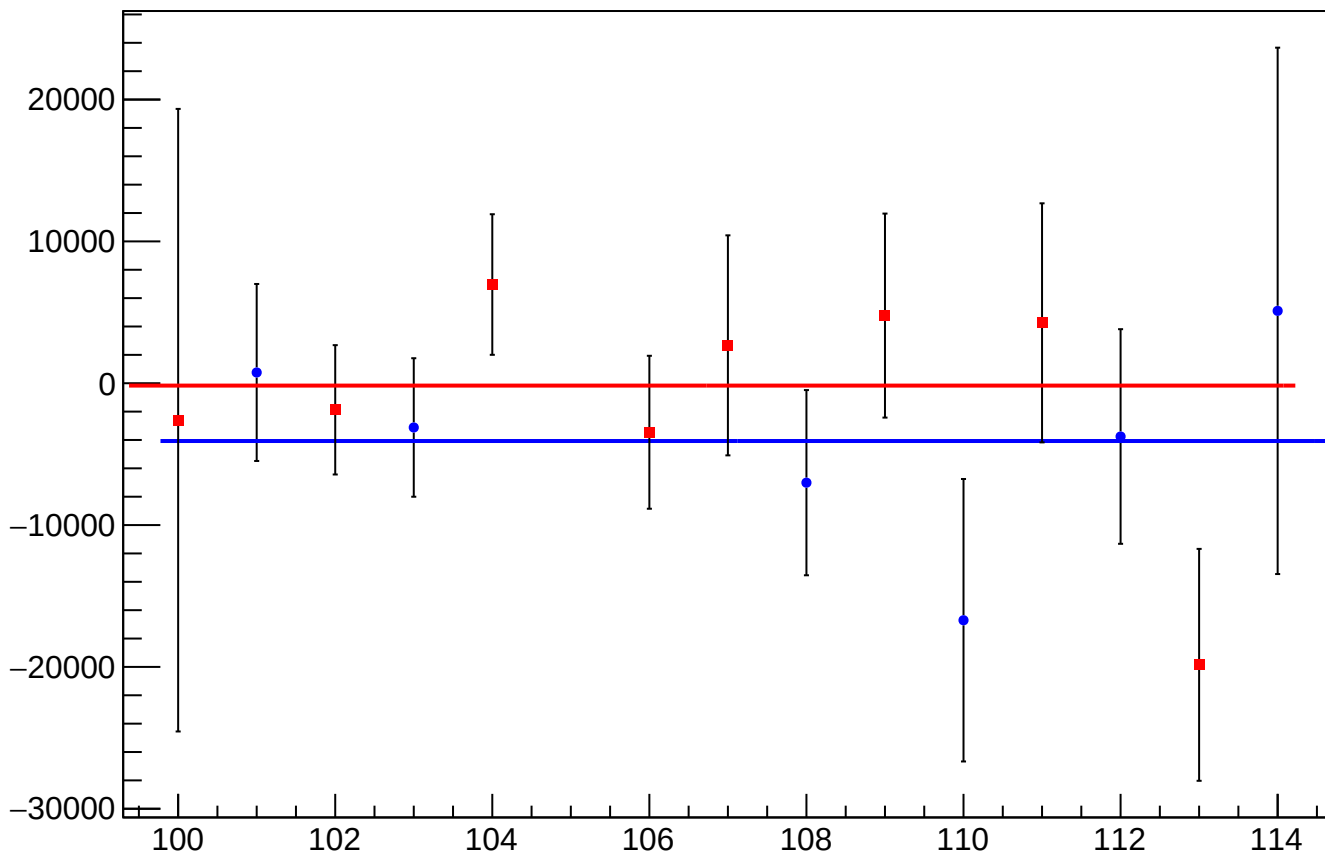
Right: 1595.016+/-0.481 χ^2/NDF : 386951.2/13

In: 1617.476+/-0.718 χ^2/NDF : 220661.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.016+/-0.481 χ^2/NDF : 386951.2/13

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

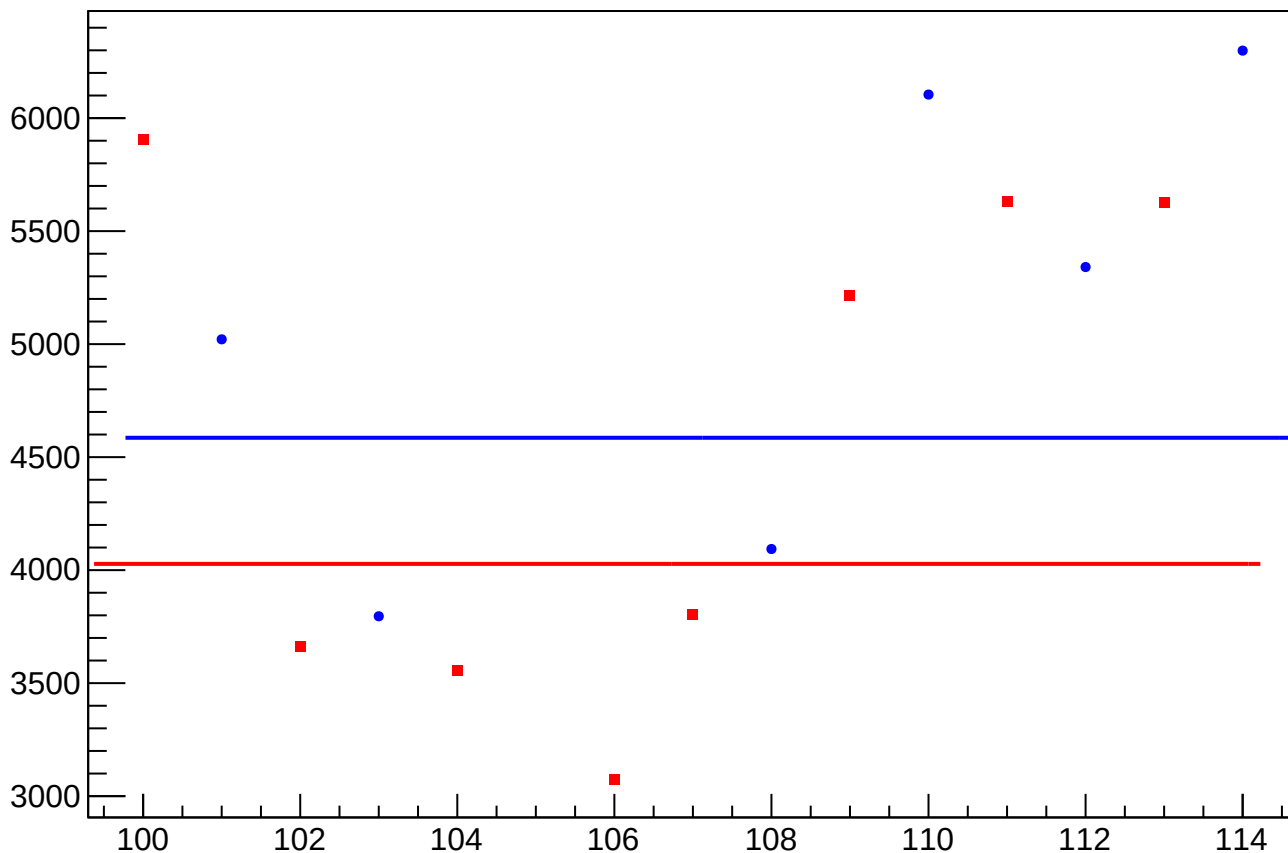
Right: -1689.092+/-1790.742 χ^2/NDF : 13.1/13

In: -4073.469+/-2868.315 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1689.092+/-1790.742 χ^2/NDF : 13.1/13

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4585.692+/-2.028 χ^2/NDF : 156933.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4027.643+/-1.621 χ^2/NDF : 313413.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

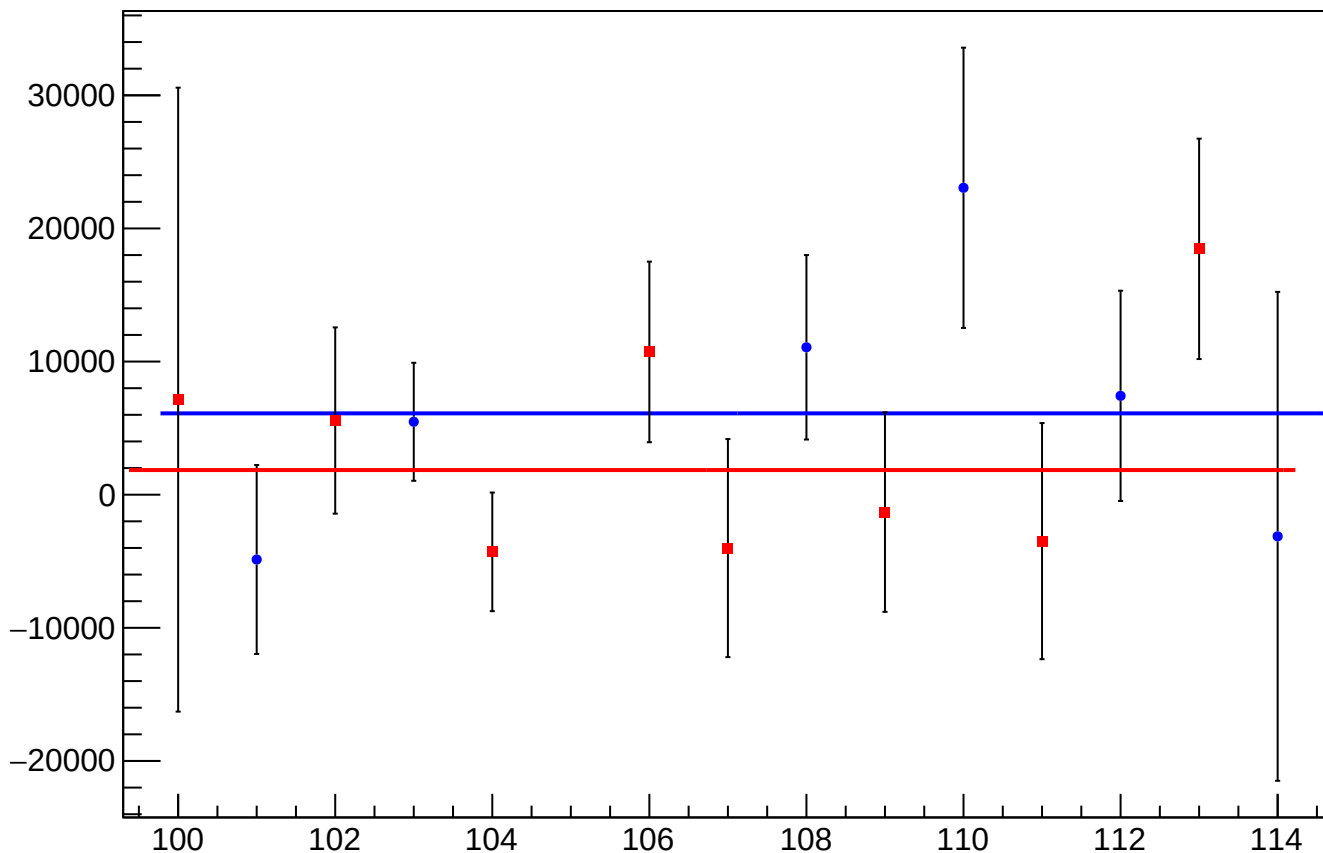
Right: 4245.156+/-1.266 χ^2/NDF : 516543.1/13

In: 4585.692+/-2.028 χ^2/NDF : 156933.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4245.156+/-1.266 χ^2/NDF : 516543.1/13

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 6109.020+/-2891.180 χ^2/NDF : 5.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1850.722+/-2544.805 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

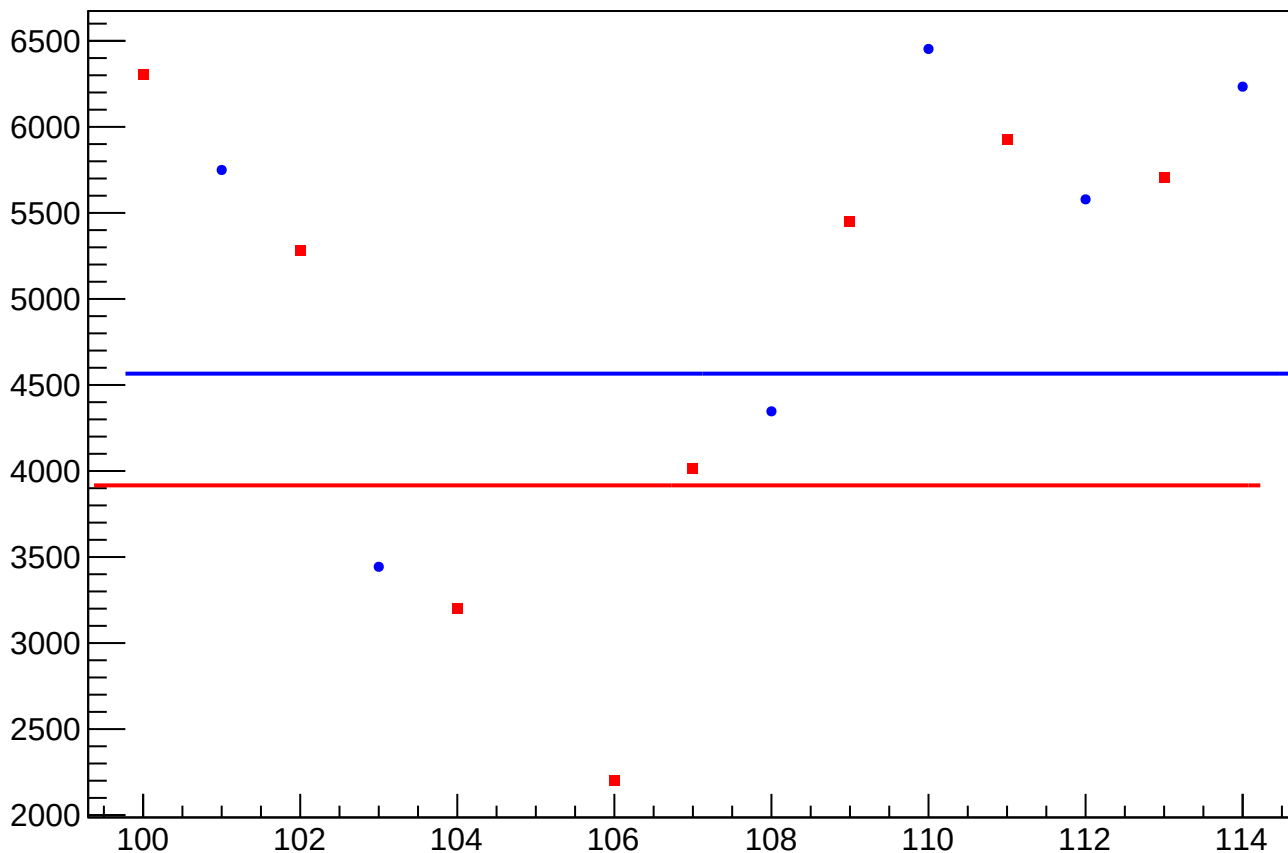
Right: 3709.634+/-1910.234 χ^2/NDF : 16.1/13

In: 6109.020+/-2891.180 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3709.634+/-1910.234 χ^2/NDF : 16.1/13

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

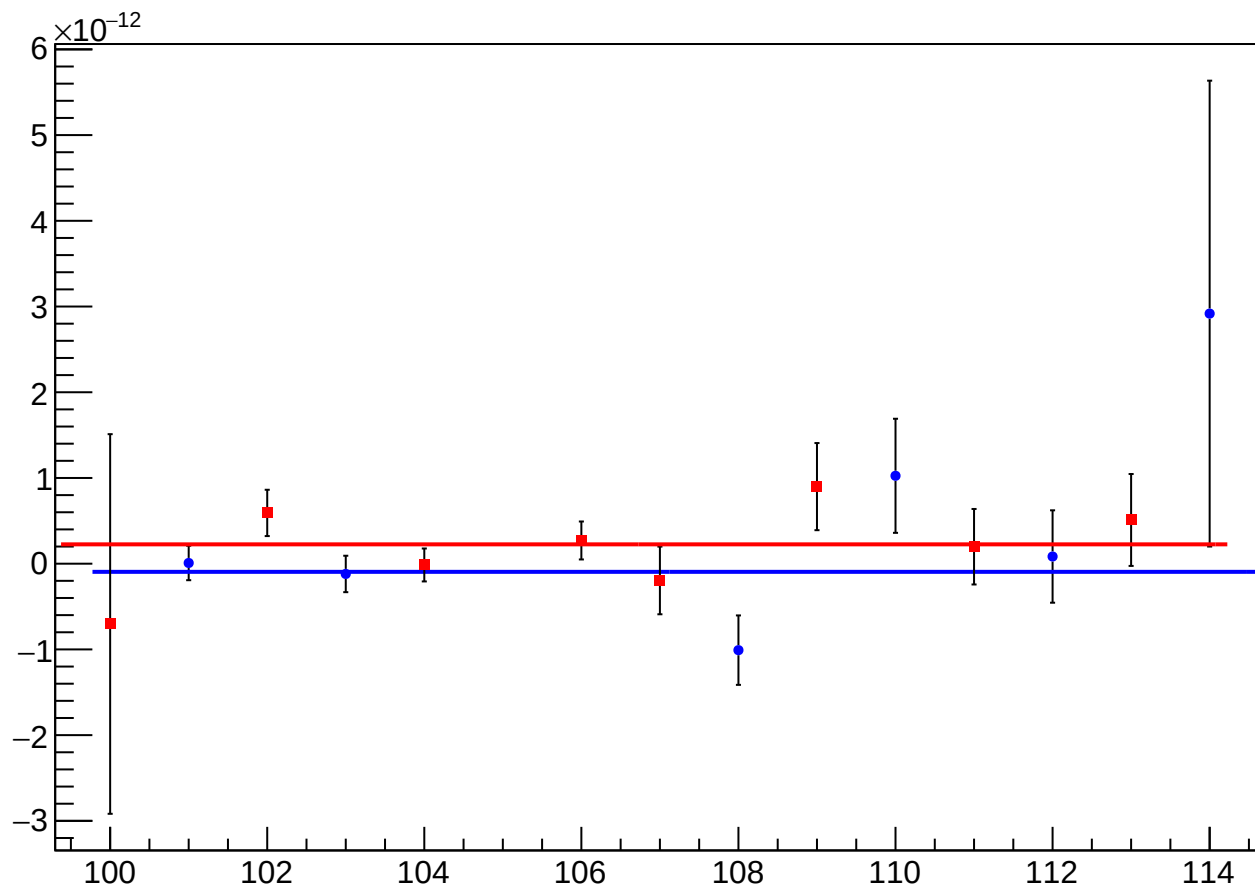
Right: 4178.108+/-1.298 χ^2/NDF : 1051367.0/13

In: 4565.854+/-2.044 χ^2/NDF : 299644.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4178.108+/-1.298 χ^2/NDF : 1051367.0/13

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

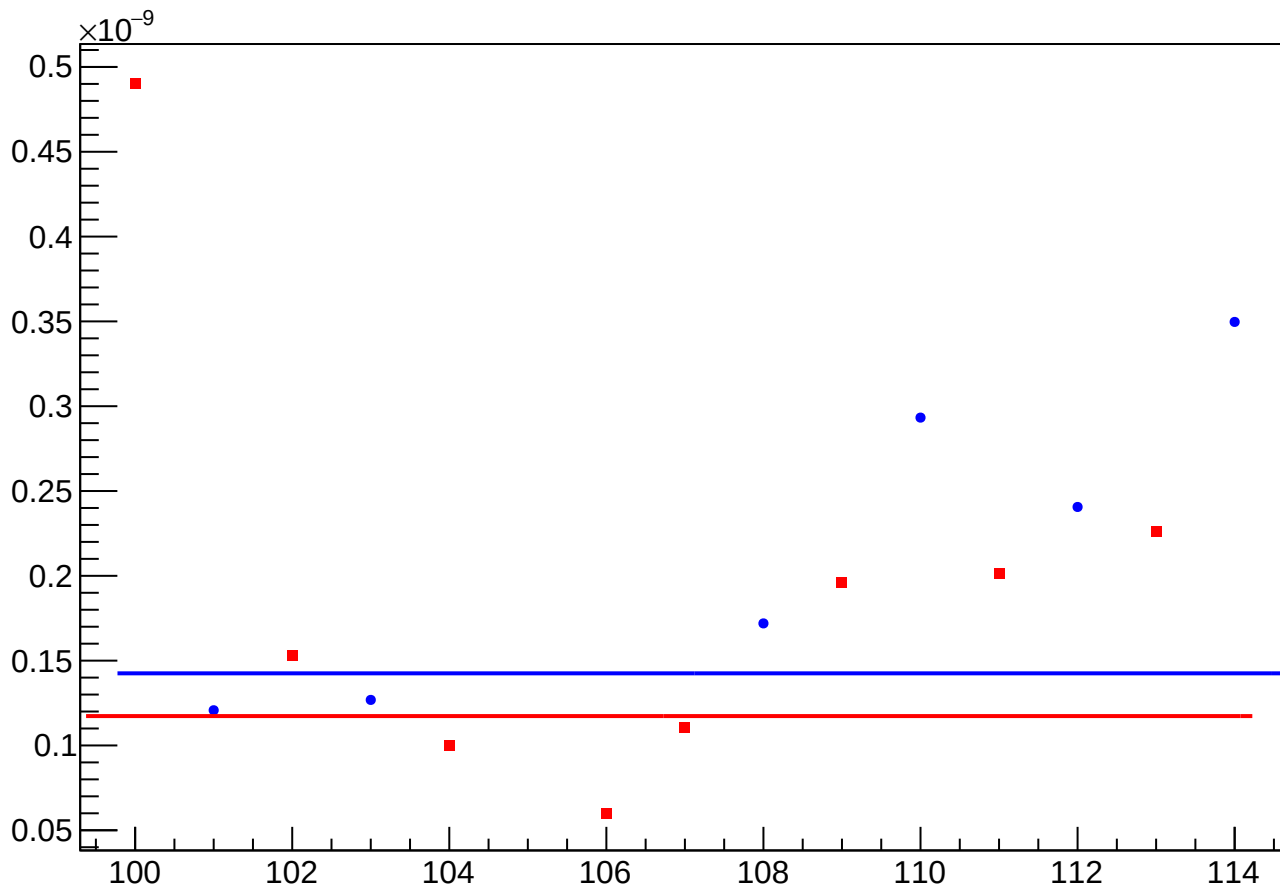
Right: 0.000+/-0.000 χ^2 /NDF: 19.8/13

In: -0.000+/-0.000 χ^2 /NDF:9.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.8/13

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

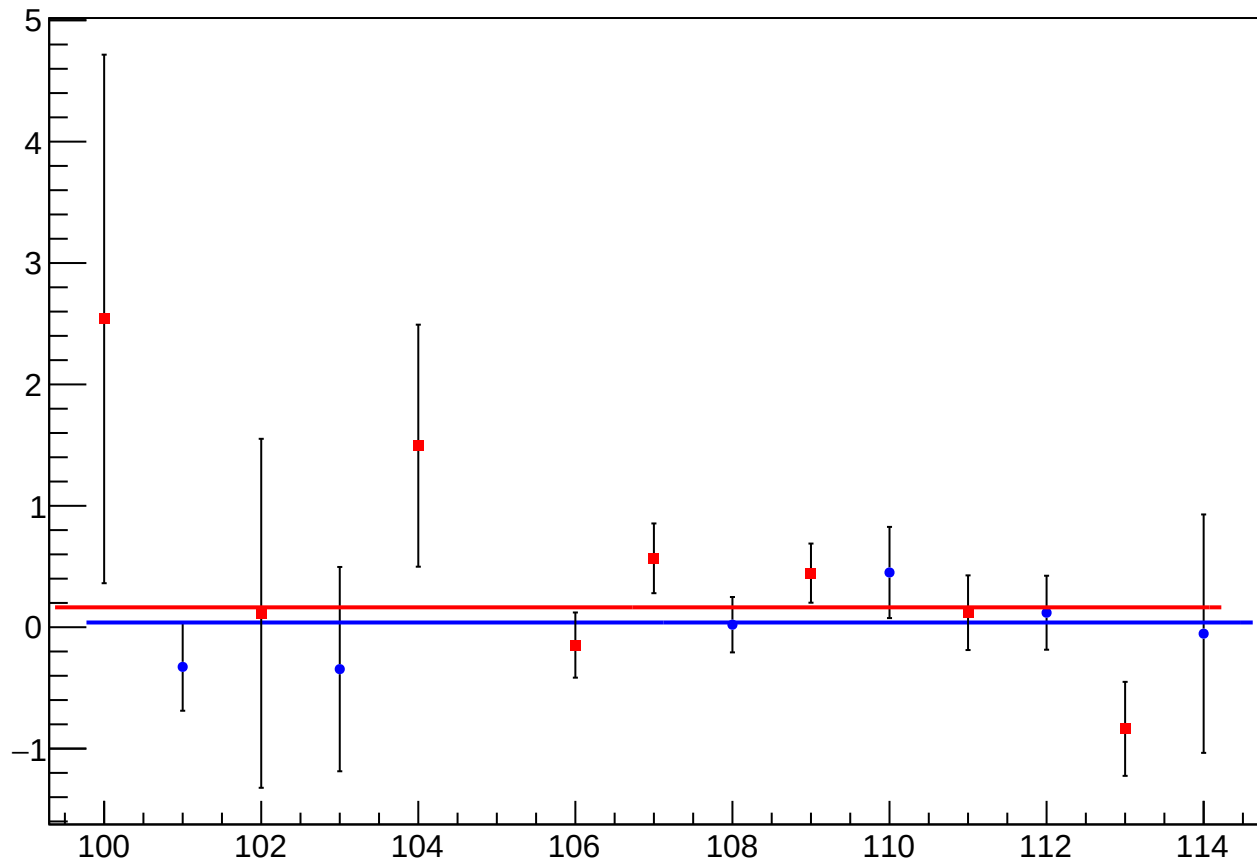
Right: 0.000+/-0.000 χ^2/NDF : 715959.5/13

In: 0.000+/-0.000 χ^2/NDF : 225425.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 715959.5/13

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.039+/-0.146 χ^2/NDF : 2.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.164+/-0.127 χ^2/NDF : 14.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

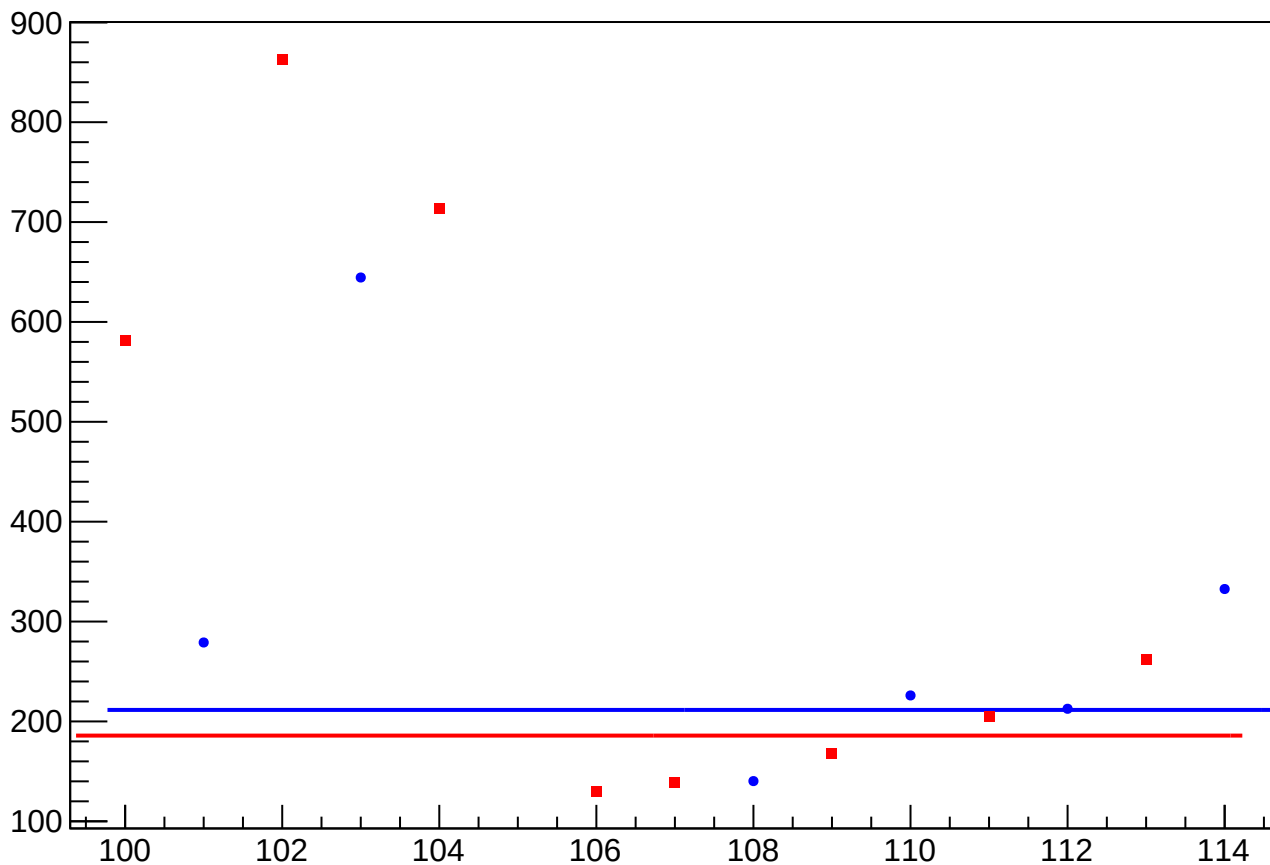
Right: 0.110+/-0.096 χ^2/NDF : 17.3/13

In: 0.039+/-0.146 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.096 χ^2/NDF : 17.3/13

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

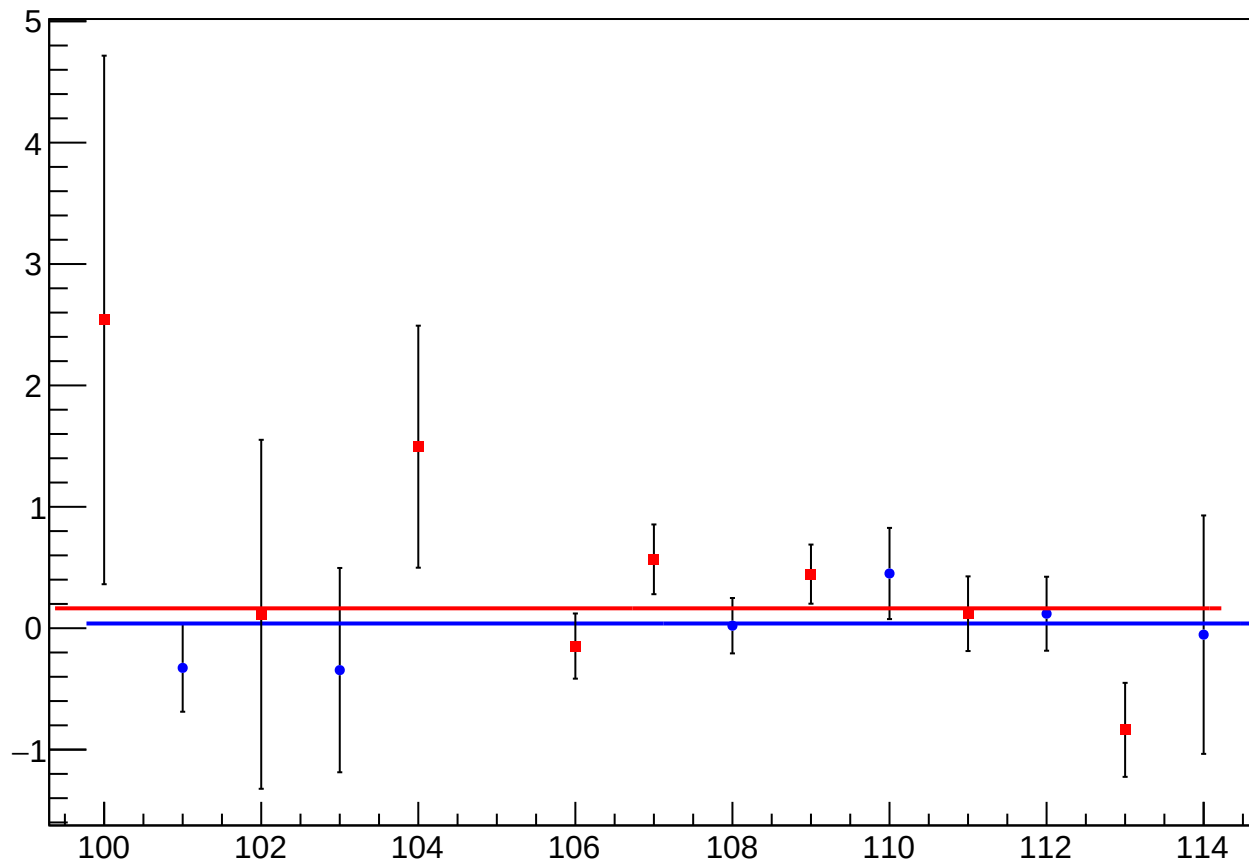
Right: 196.944 $\pm$ 0.068 χ^2 /NDF: 2167900.3/13

In: 211.517 $\pm$ 0.103 χ^2 /NDF:827881.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 196.944 $\pm$ 0.068 χ^2 /NDF: 2167900.3/13

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.146 χ^2/NDF : 2.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.164+/-0.127 χ^2/NDF : 14.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

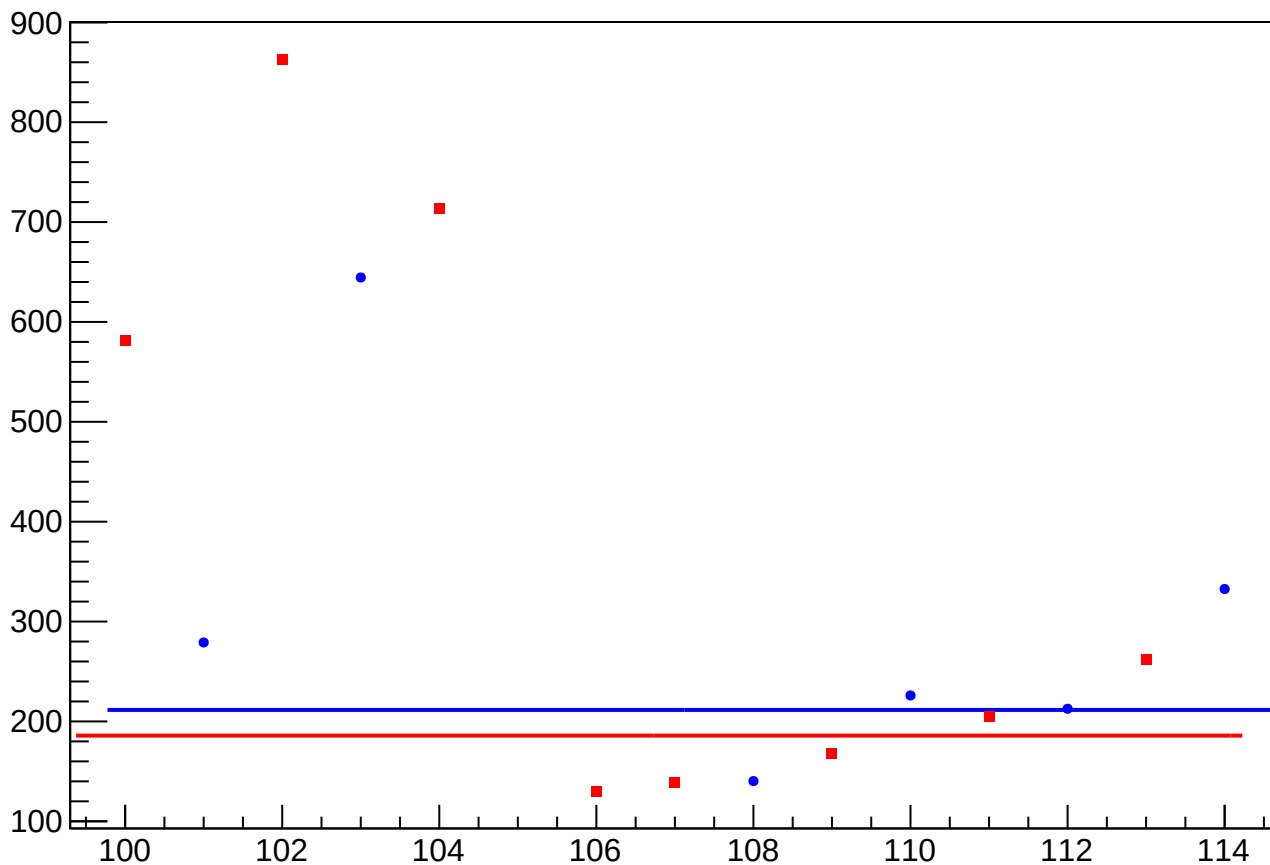
Right: 0.110+/-0.096 χ^2/NDF : 17.3/13

In: 0.039+/-0.146 χ^2/NDF : 2.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.096 χ^2/NDF : 17.3/13

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.517+/-0.103 χ^2/NDF : 827881.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.816+/-0.090 χ^2/NDF : 1304674.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

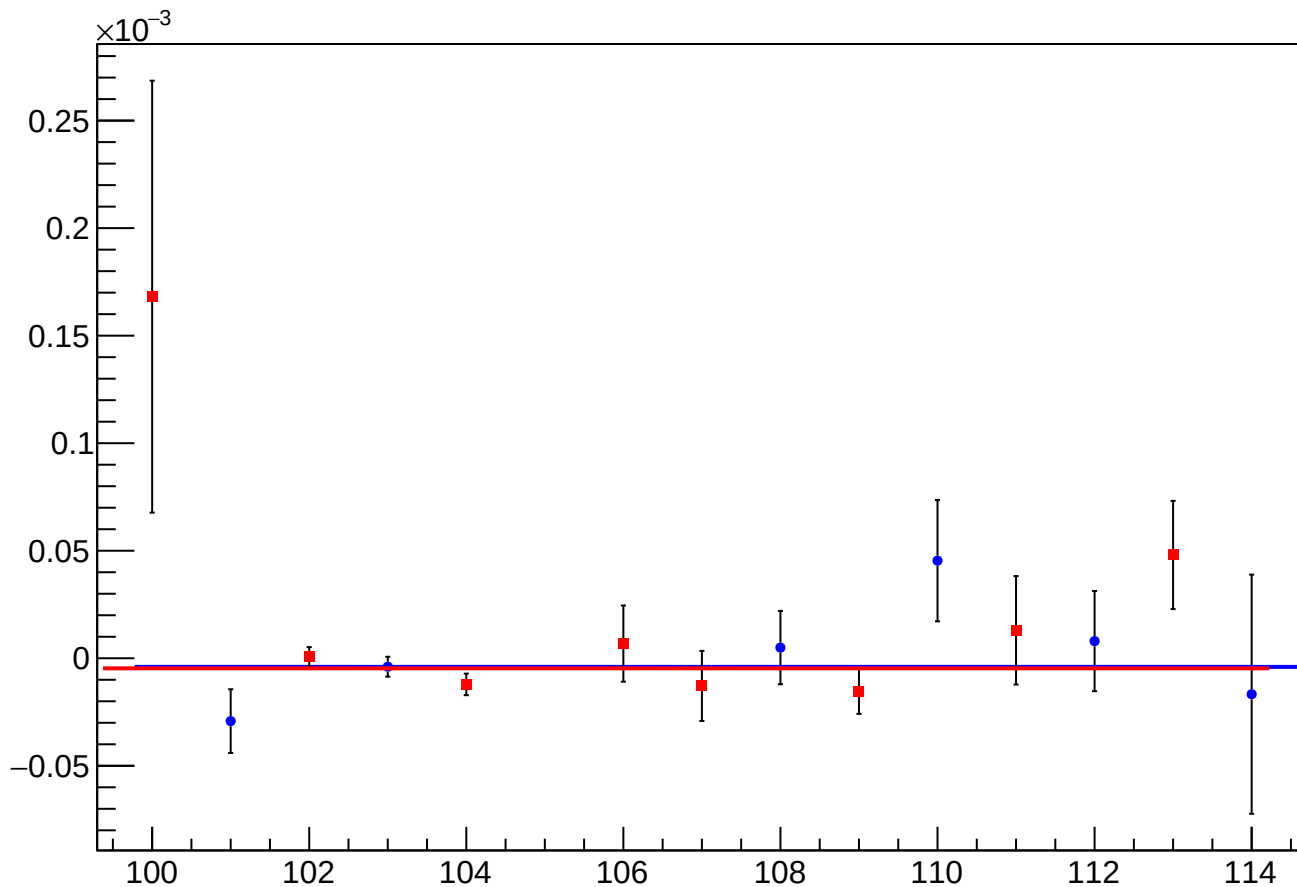
Right: 196.944+/-0.068 χ^2/NDF : 2167900.3/13

In: 211.517+/-0.103 χ^2/NDF : 827881.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.944+/-0.068 χ^2/NDF : 2167900.3/13

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

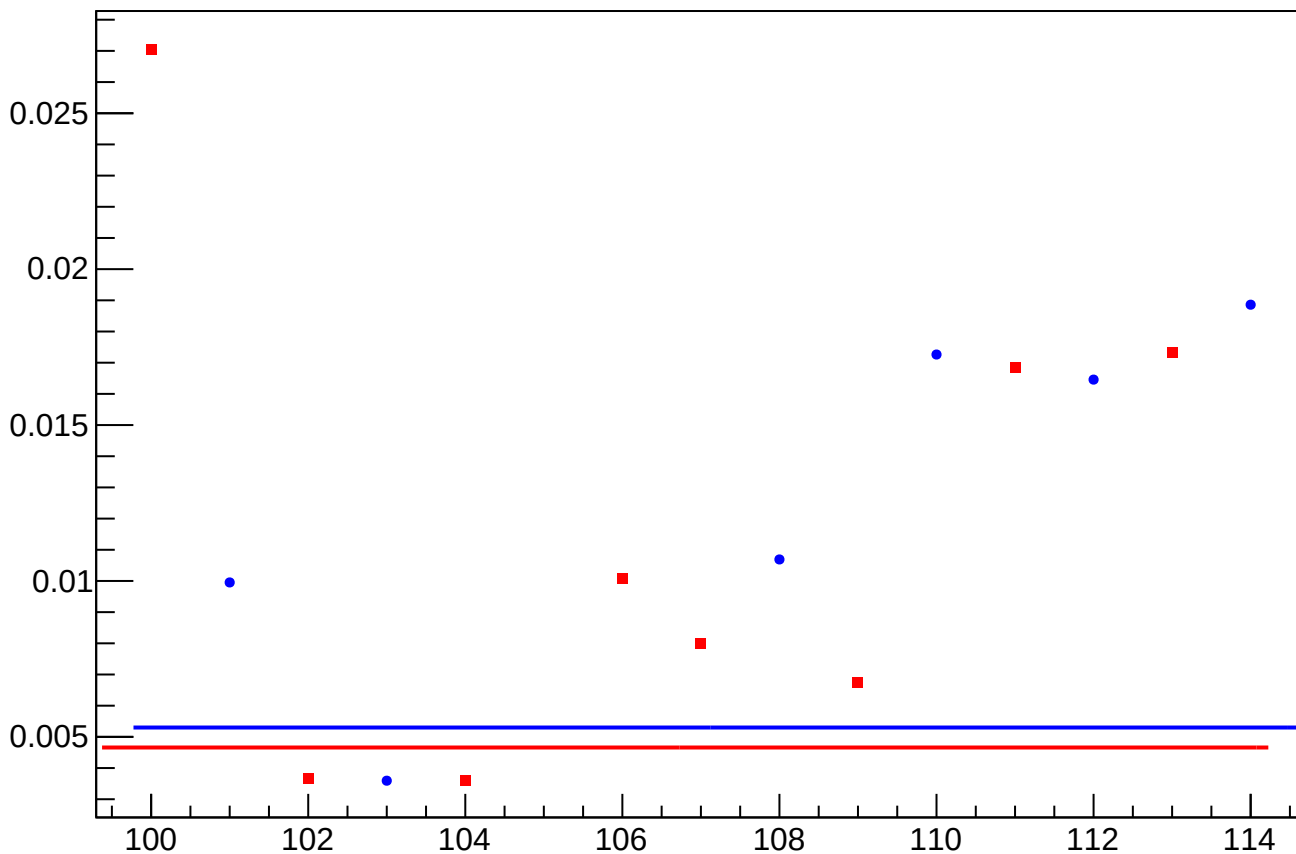
Right: -0.000+/-0.000 χ^2/NDF : 19.7/13

In: -0.000+/-0.000 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.7/13

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

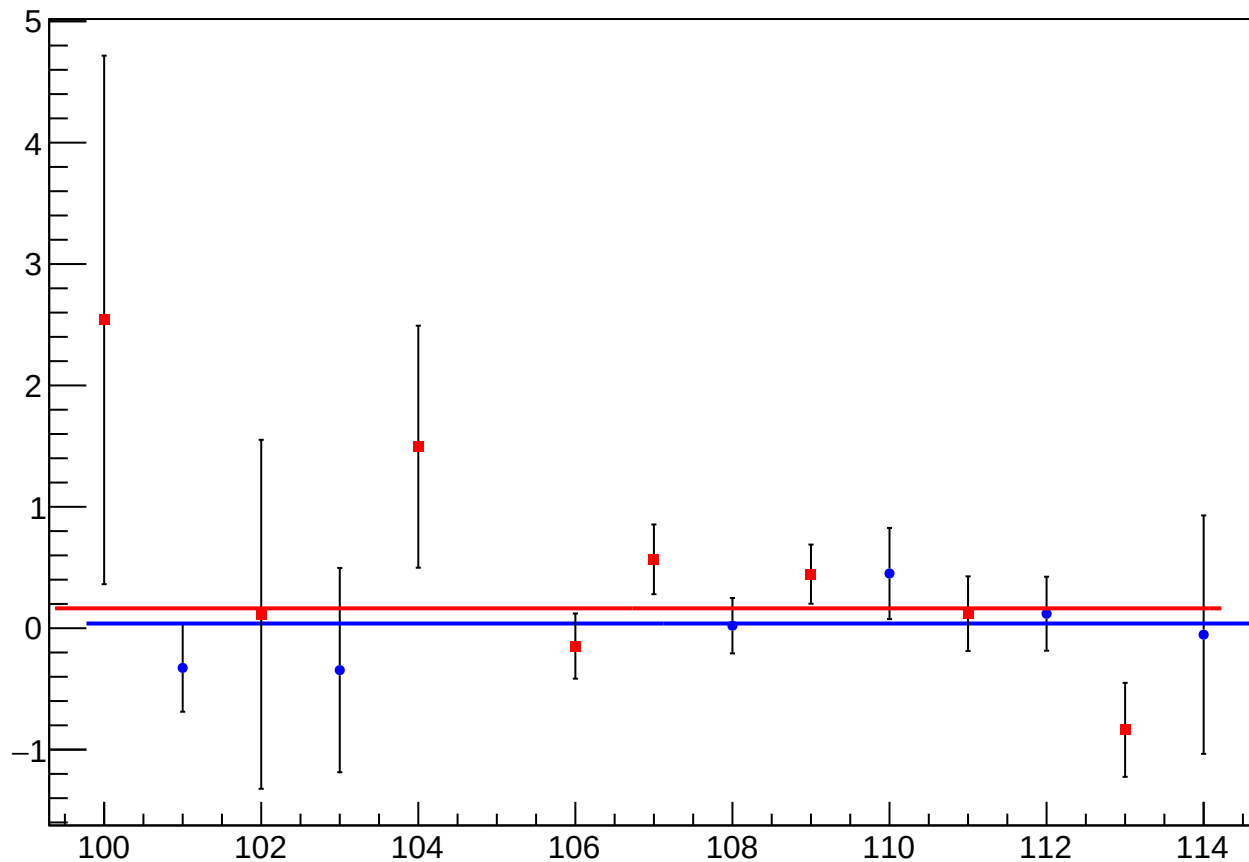
Right: 0.005+/-0.000 χ^2/NDF : 3240275.3/13

In: 0.005+/-0.000 χ^2/NDF : 1606242.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3240275.3/13

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

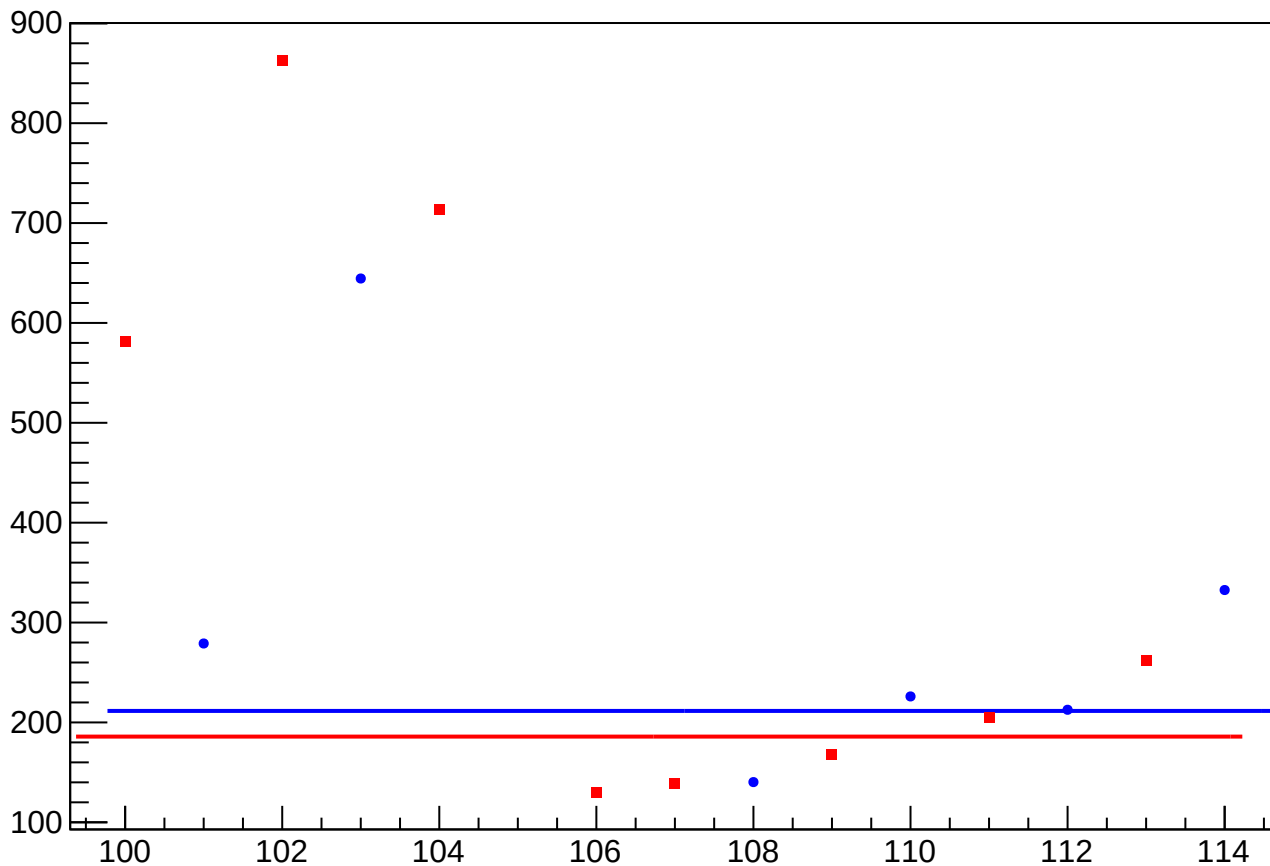
Right: 0.110 $\pm$ 0.096 χ^2 /NDF: 17.3/13

In: 0.039 $\pm$ 0.146 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.096 χ^2 /NDF: 17.3/13

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.517+/-0.103 χ^2/NDF : 827885.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.816+/-0.090 χ^2/NDF : 1304671.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

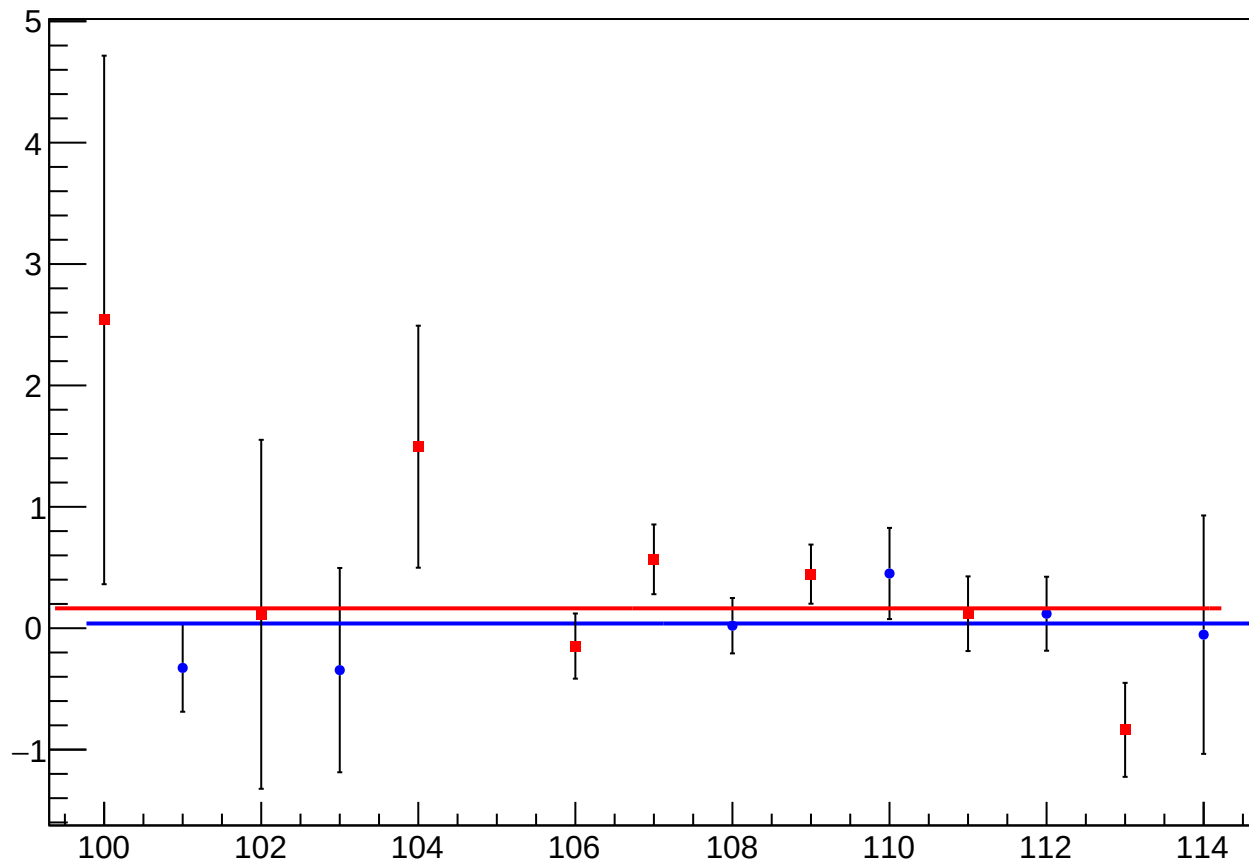
Right: 196.944+/-0.068 χ^2/NDF : 2167902.6/13

In: 211.517+/-0.103 χ^2/NDF : 827885.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.944+/-0.068 χ^2/NDF : 2167902.6/13

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

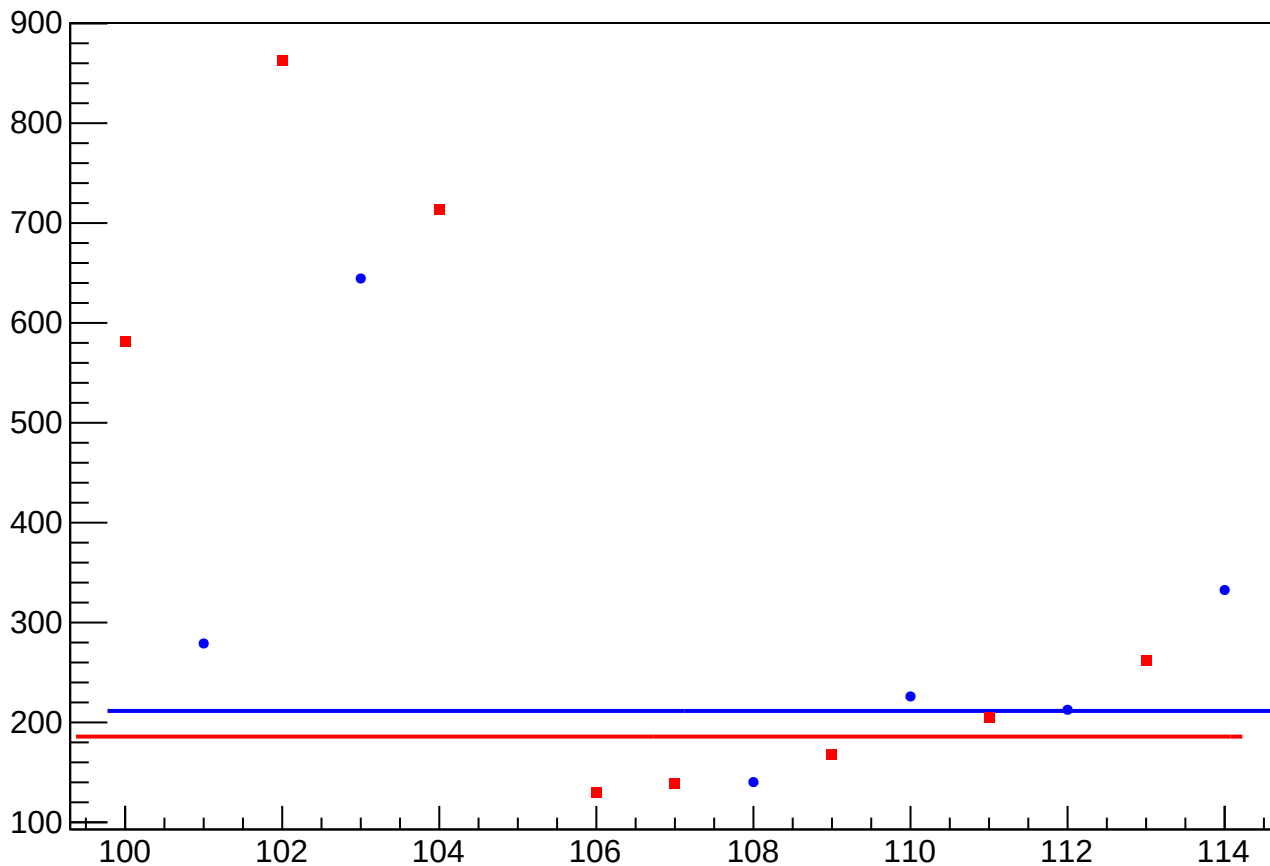
Right: 0.110 $\pm$ 0.096 χ^2 /NDF: 17.3/13

In: 0.039 $\pm$ 0.146 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.096 χ^2 /NDF: 17.3/13

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.517+/-0.103 χ^2/NDF : 827885.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.816+/-0.090 χ^2/NDF : 1304671.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

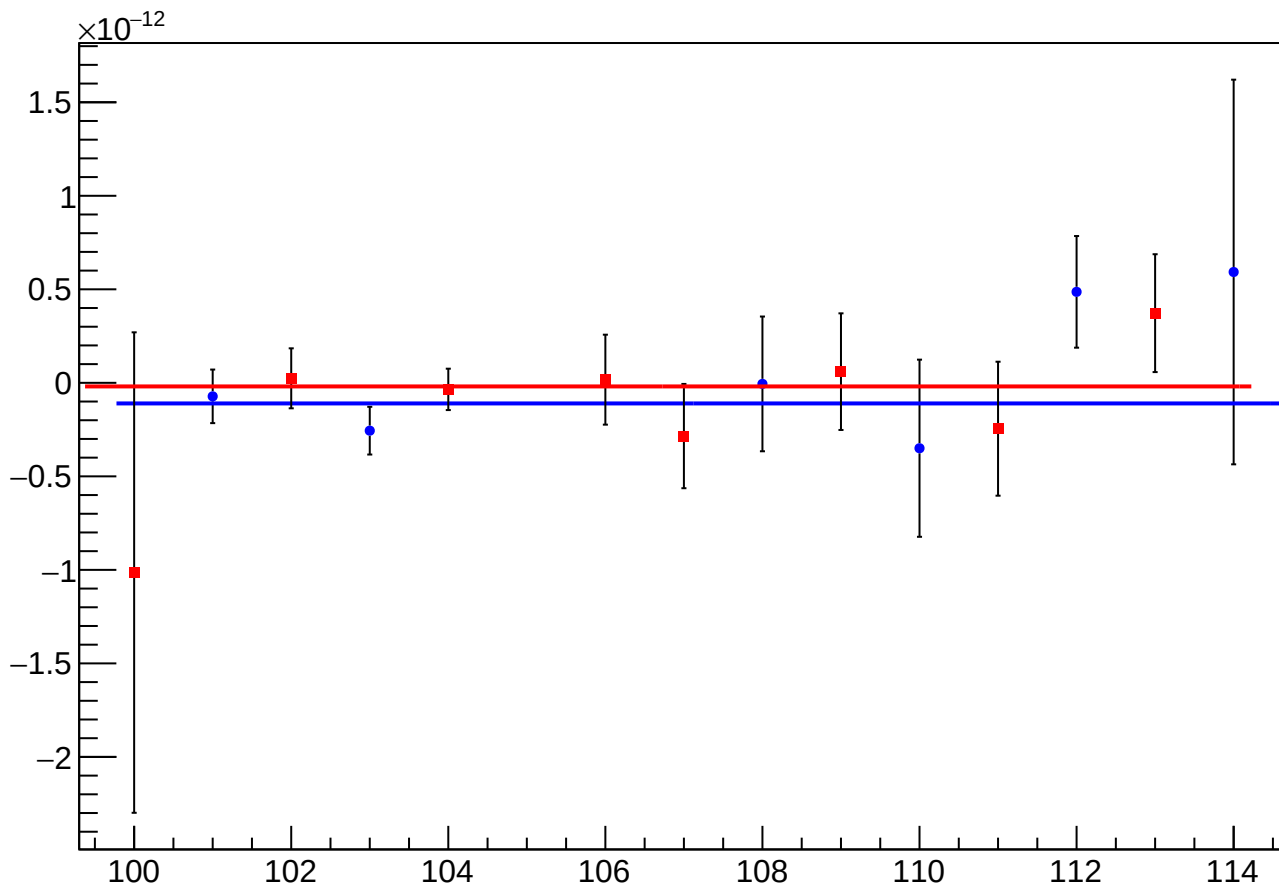
Right: 196.944+/-0.068 χ^2/NDF : 2167902.6/13

In: 211.517+/-0.103 χ^2/NDF : 827885.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.944+/-0.068 χ^2/NDF : 2167902.6/13

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 3.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

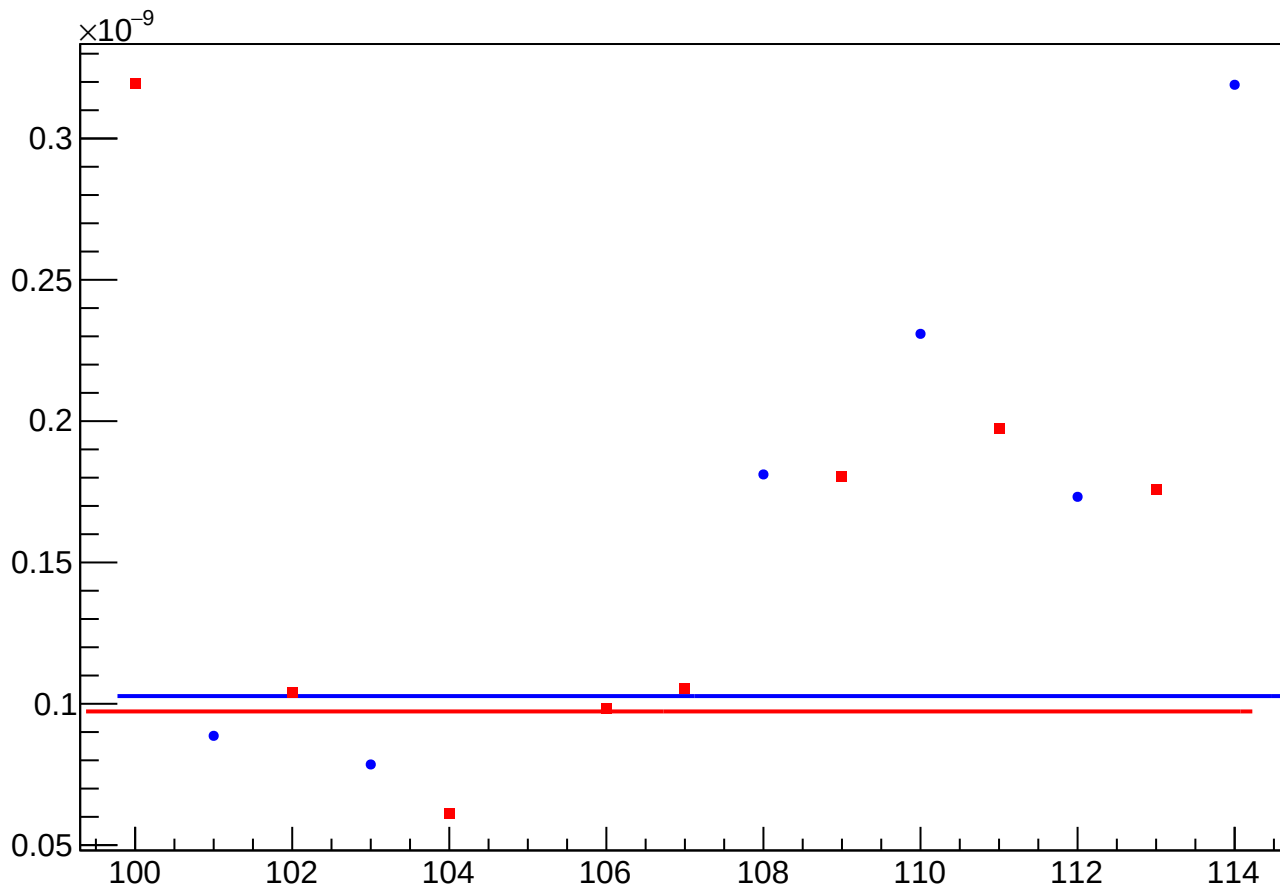
Right: -0.000+/-0.000 χ^2 /NDF: 10.4/13

In: -0.000+/-0.000 χ^2 /NDF:6.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.4/13

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

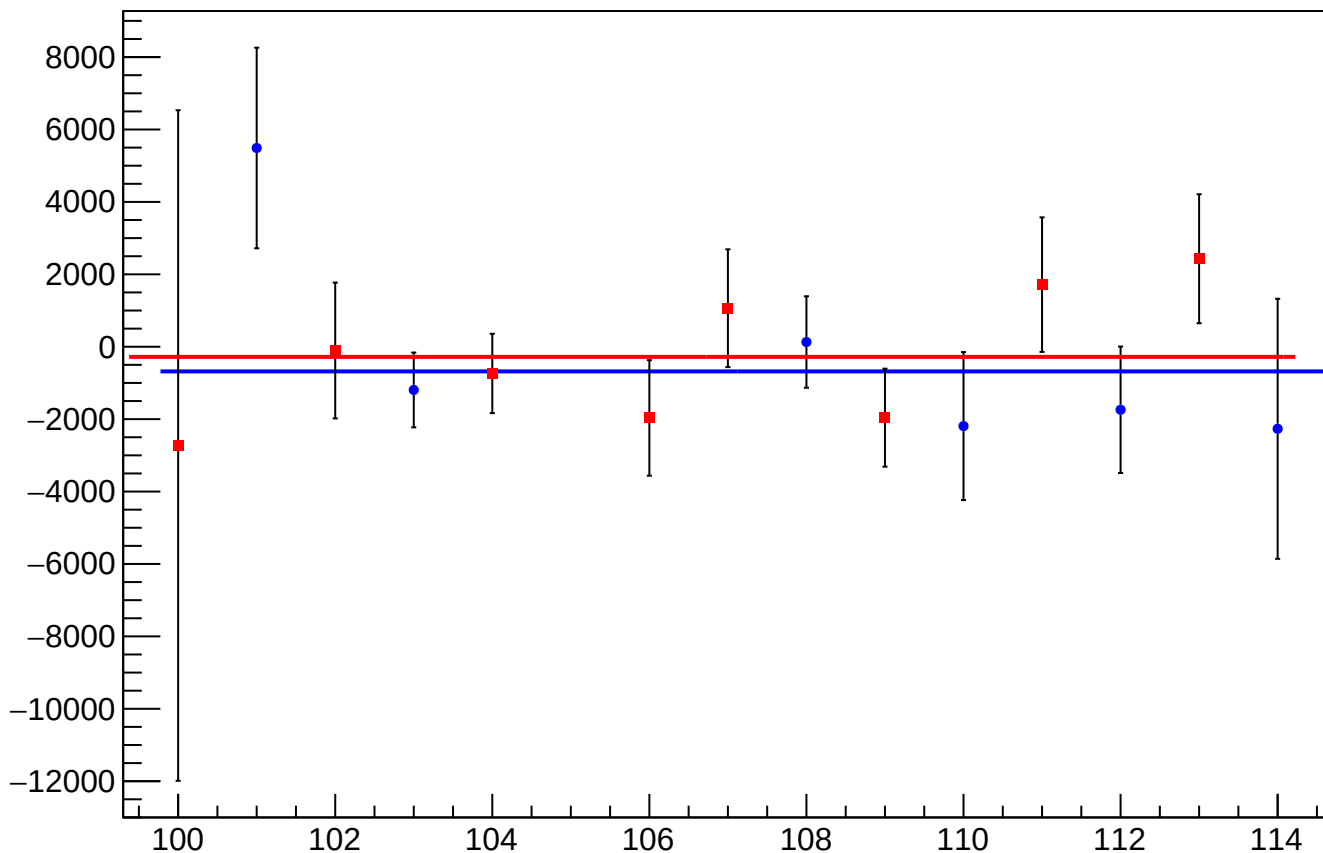
Right: 0.000+/-0.000 χ^2/NDF : 1239269.6/13

In: 0.000+/-0.000 χ^2/NDF : 532507.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1239269.6/13

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

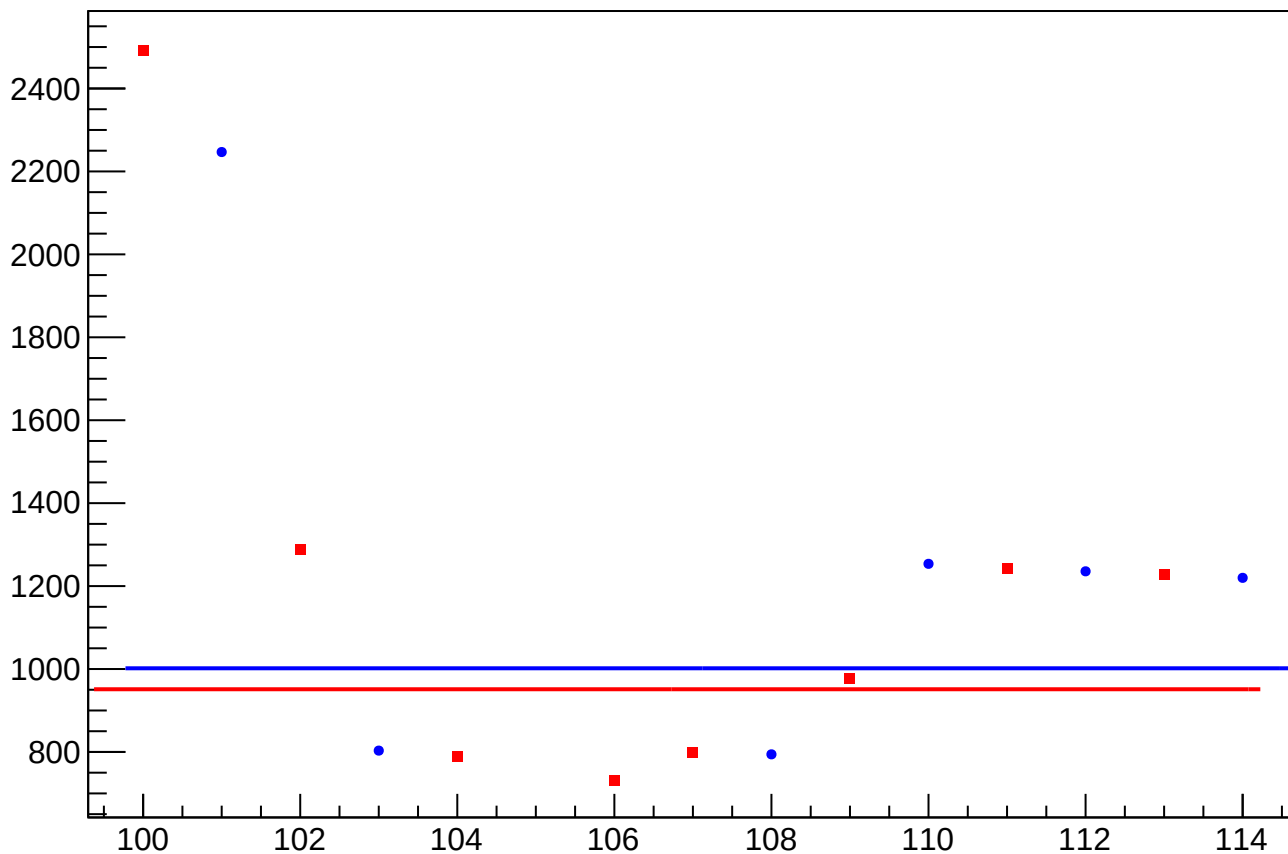
Right: -453.944+/-430.787 χ^2/NDF : 14.0/13

In: -681.281+/-653.860 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.944+/-430.787 χ^2/NDF : 14.0/13

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1001.759+/-0.462 χ^2/NDF : 605272.5/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 951.207+/-0.398 χ^2/NDF : 327102.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

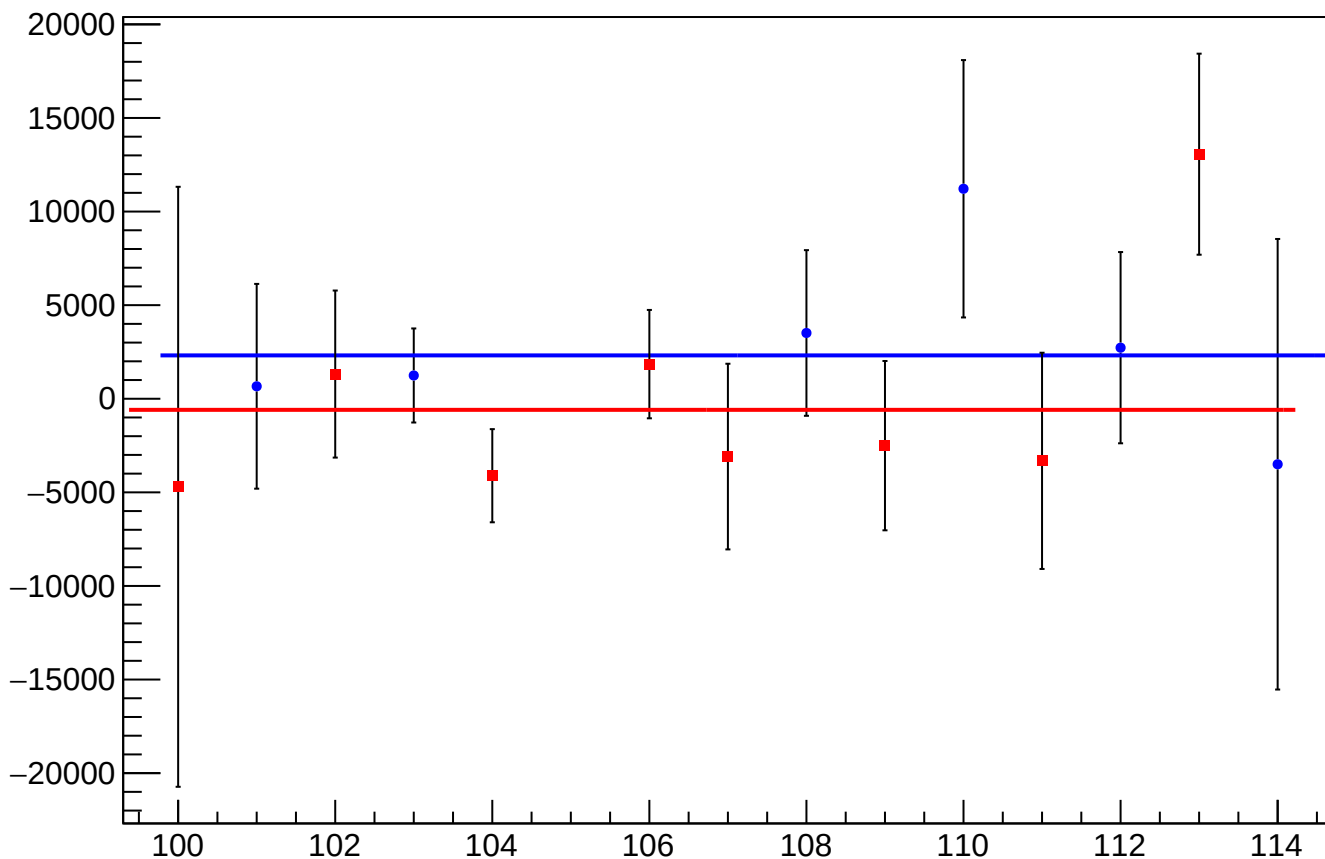
Right: 972.754+/-0.302 χ^2/NDF : 939234.3/13

In: 1001.759+/-0.462 χ^2/NDF :605272.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 972.754+/-0.302 χ^2/NDF : 939234.3/13

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

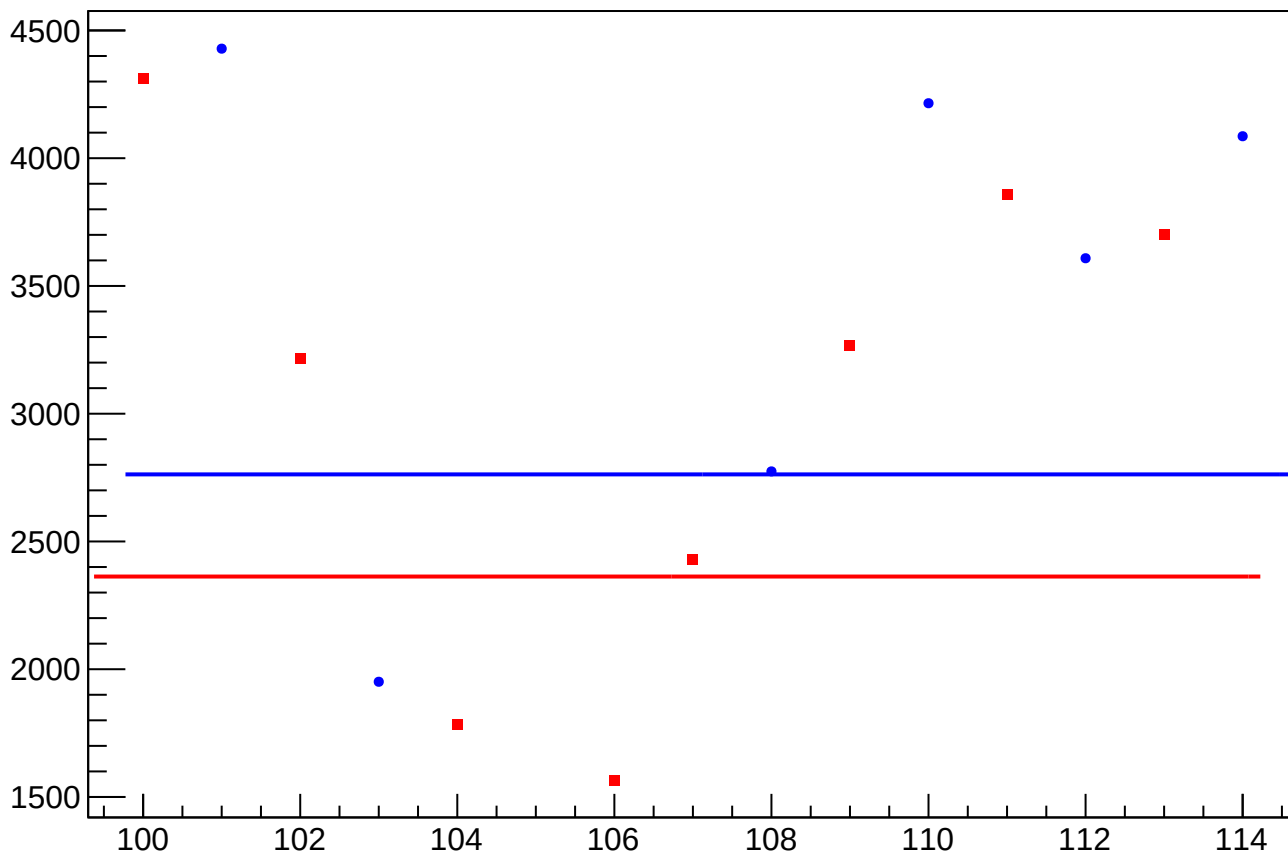
Right: 534.134+/-1119.037 χ^2/NDF : 14.0/13

In: 2316.066+/-1798.015 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.134+/-1119.037 χ^2/NDF : 14.0/13

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

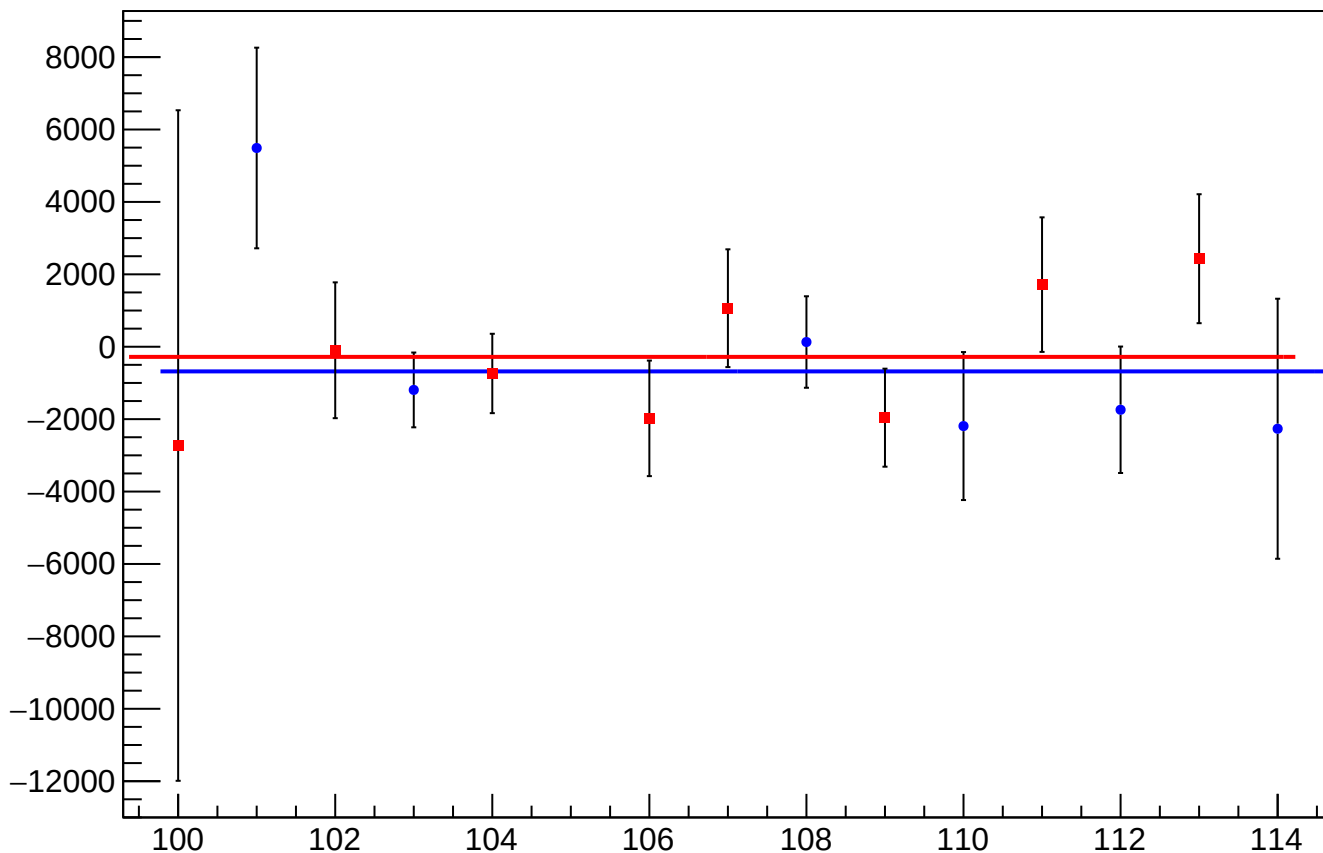
Right: 2517.592+/-0.791 χ^2/NDF : 1324815.4/13

In: 2762.528+/-1.271 χ^2/NDF : 562680.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2517.592+/-0.791 χ^2/NDF : 1324815.4/13

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -681.082+/-653.861 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -280.155+/-572.649 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

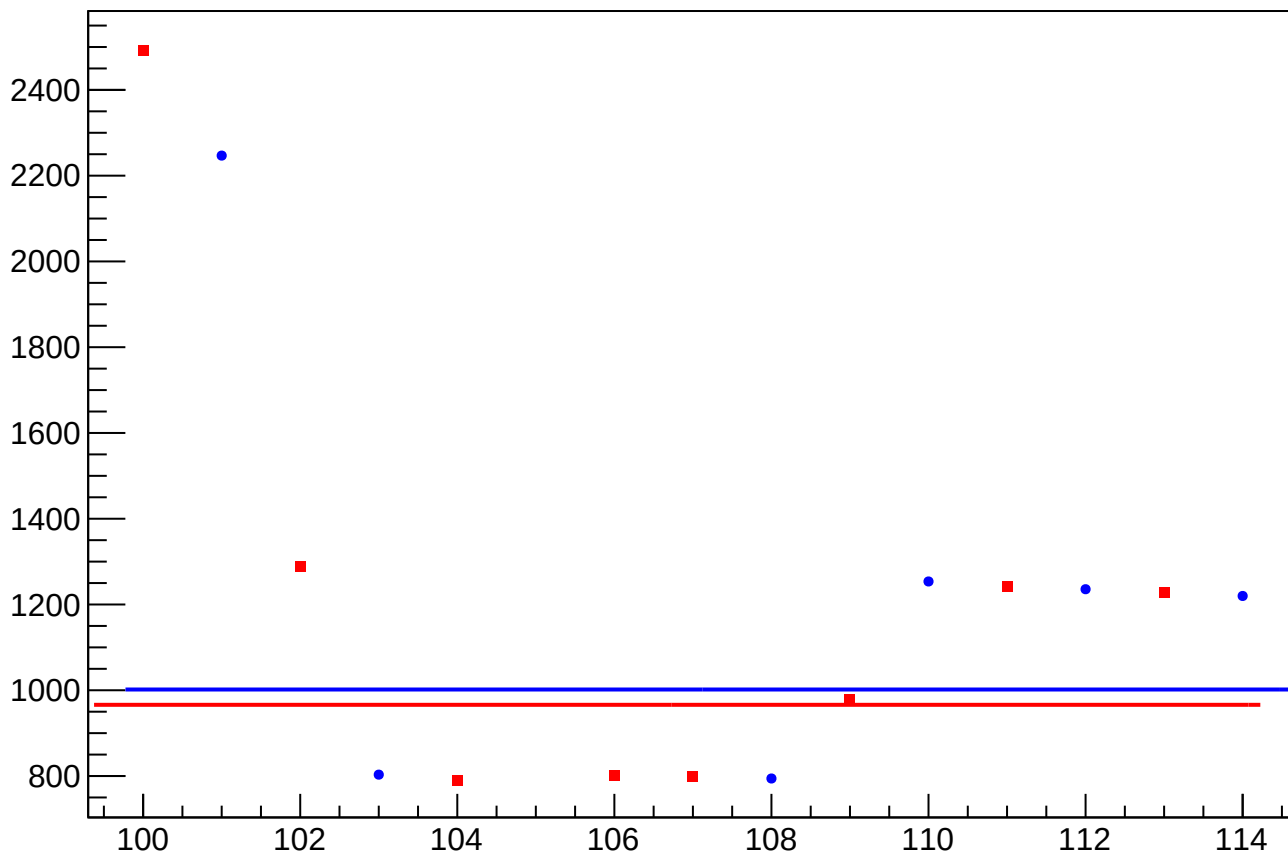
Right: -454.188+/-430.792 χ^2/NDF : 14.0/13

In: -681.082+/-653.861 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.188+/-430.792 χ^2/NDF : 14.0/13

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

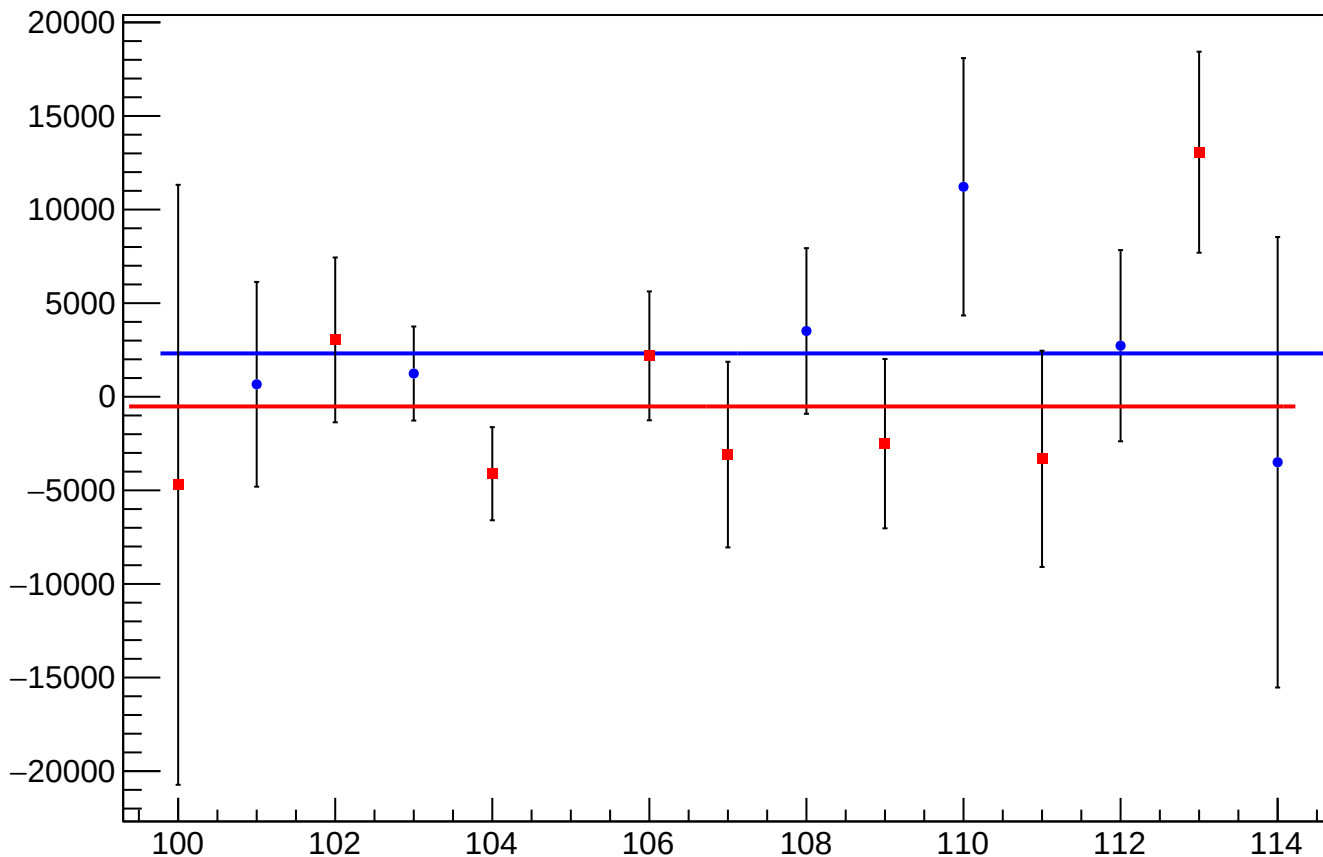
Right: 981.489+/-0.304 χ^2/NDF : 905672.2/13

In: 1001.761+/-0.462 χ^2/NDF : 605270.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.489+/-0.304 χ^2/NDF : 905672.2/13

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

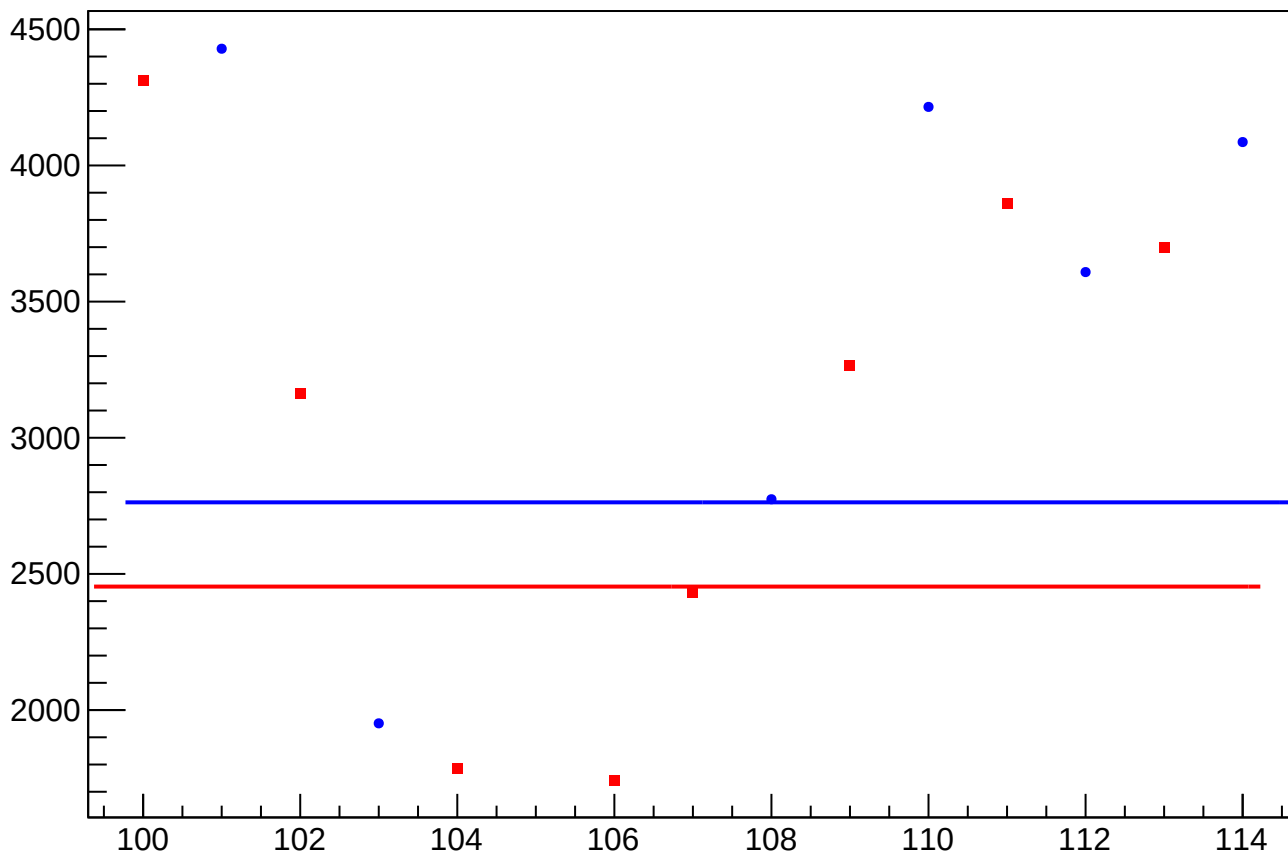
Right: 627.860+/-1143.412 χ^2/NDF : 14.3/13

In: 2315.194+/-1798.171 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.860+/-1143.412 χ^2/NDF : 14.3/13

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

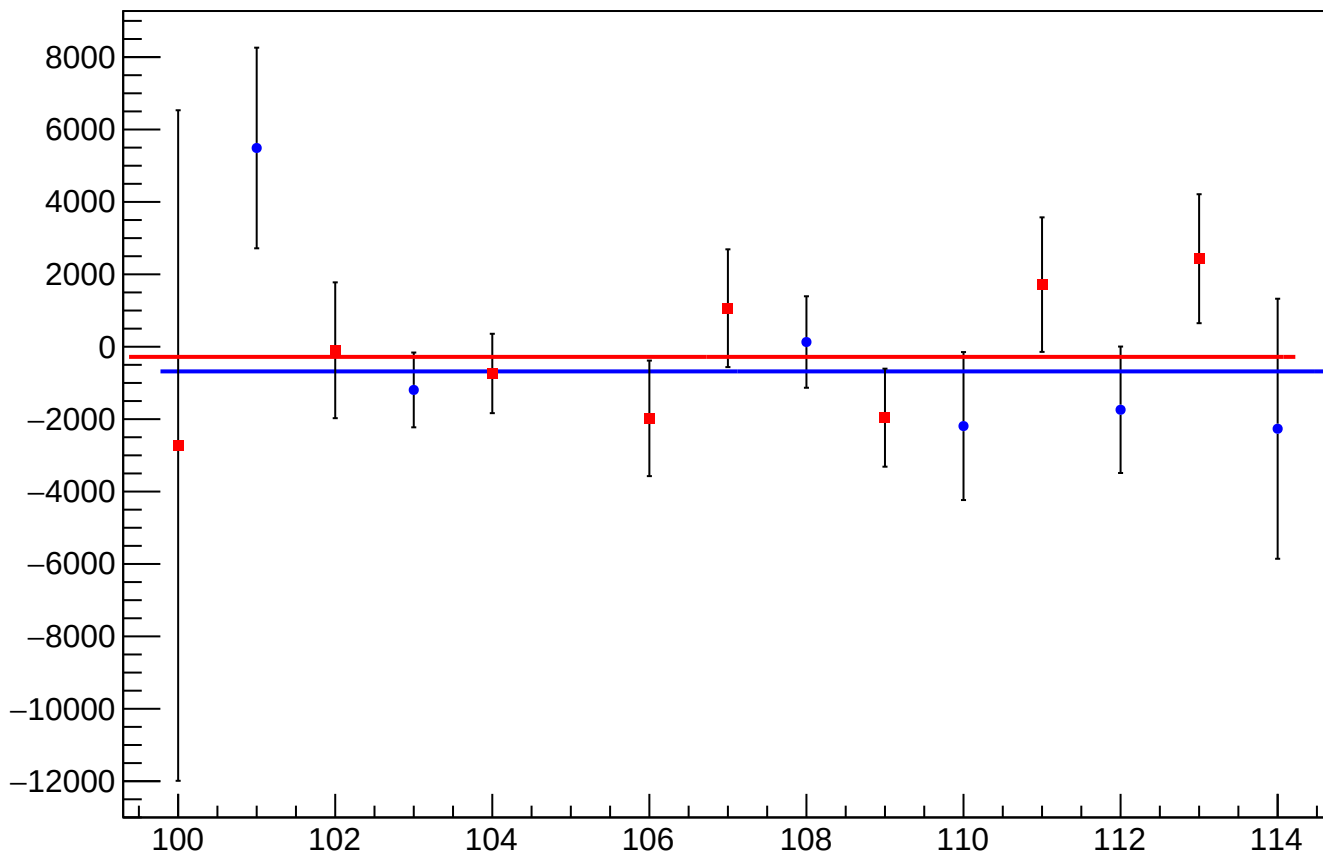
Right: 2578.571+/-0.809 χ^2/NDF : 1197934.9/13

In: 2762.850+/-1.271 χ^2/NDF : 562424.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2578.571+/-0.809 χ^2/NDF : 1197934.9/13

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -681.082+/-653.861 χ^2 /NDF: 6.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -280.155+/-572.649 χ^2 /NDF: 7.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

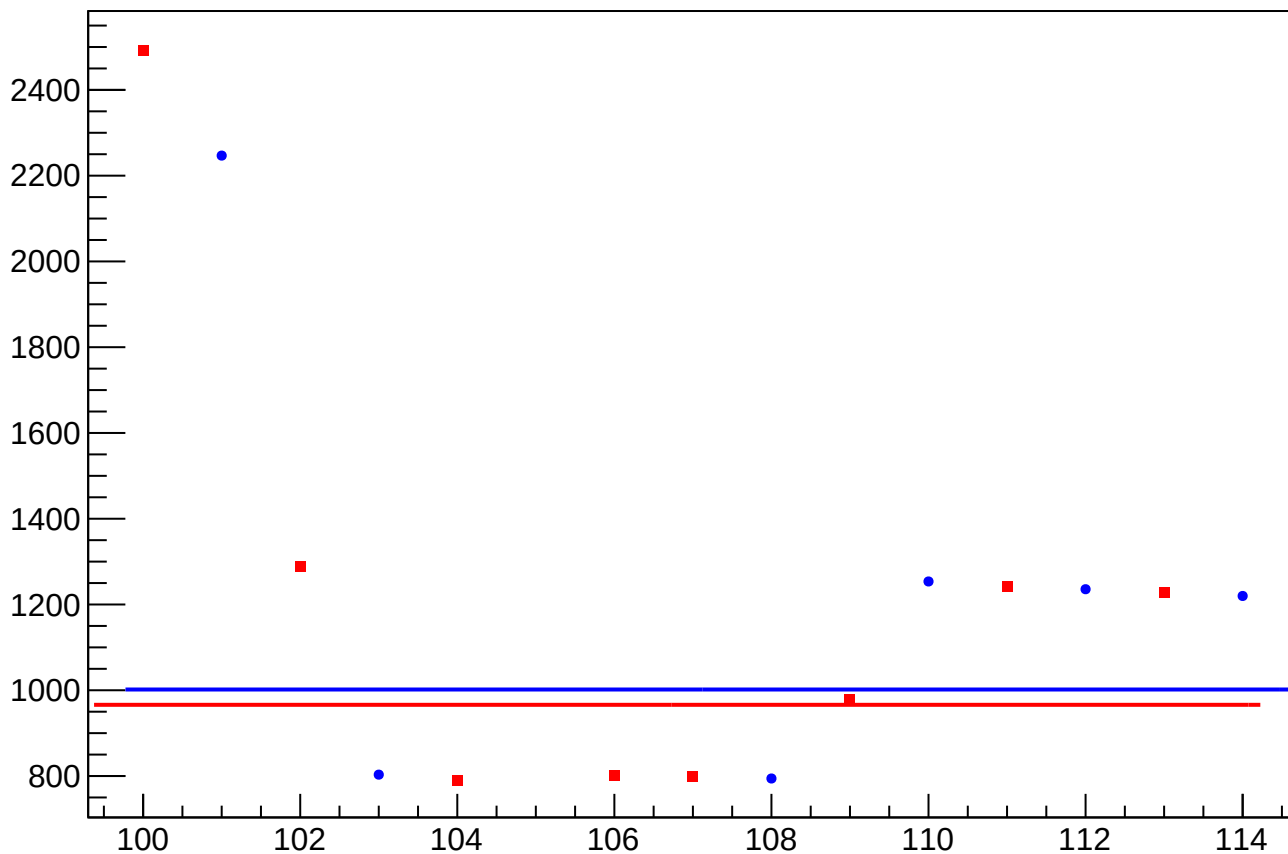
Right: -454.188+/-430.792 χ^2 /NDF: 14.0/13

In: -681.082+/-653.861 χ^2 /NDF:6.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -454.188+/-430.792 χ^2 /NDF: 14.0/13

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

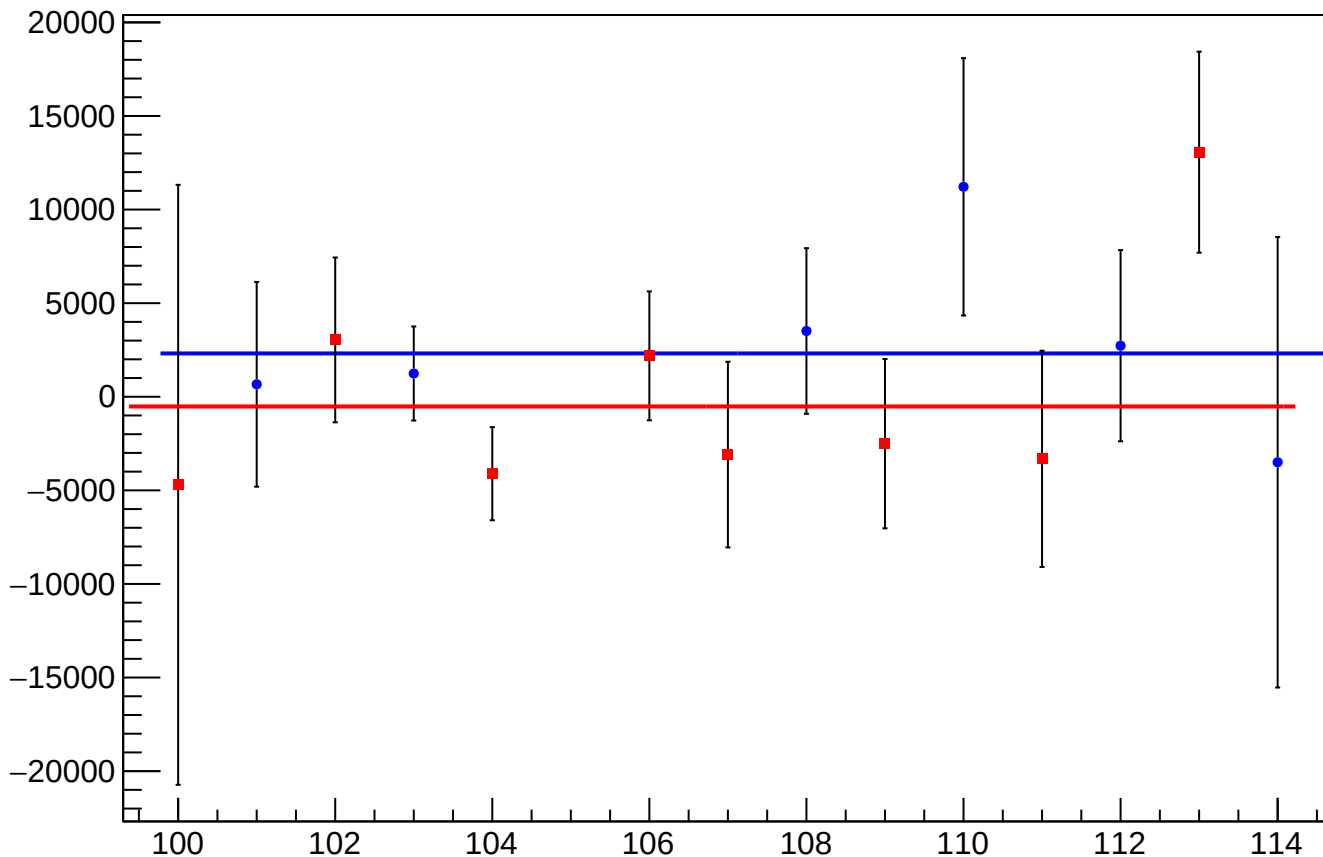
Right: 981.489+/-0.304 χ^2/NDF : 905672.2/13

In: 1001.761+/-0.462 χ^2/NDF : 605270.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.489+/-0.304 χ^2/NDF : 905672.2/13

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2315.194 $\pm$ 1798.171 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -517.506 $\pm$ 1481.503 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

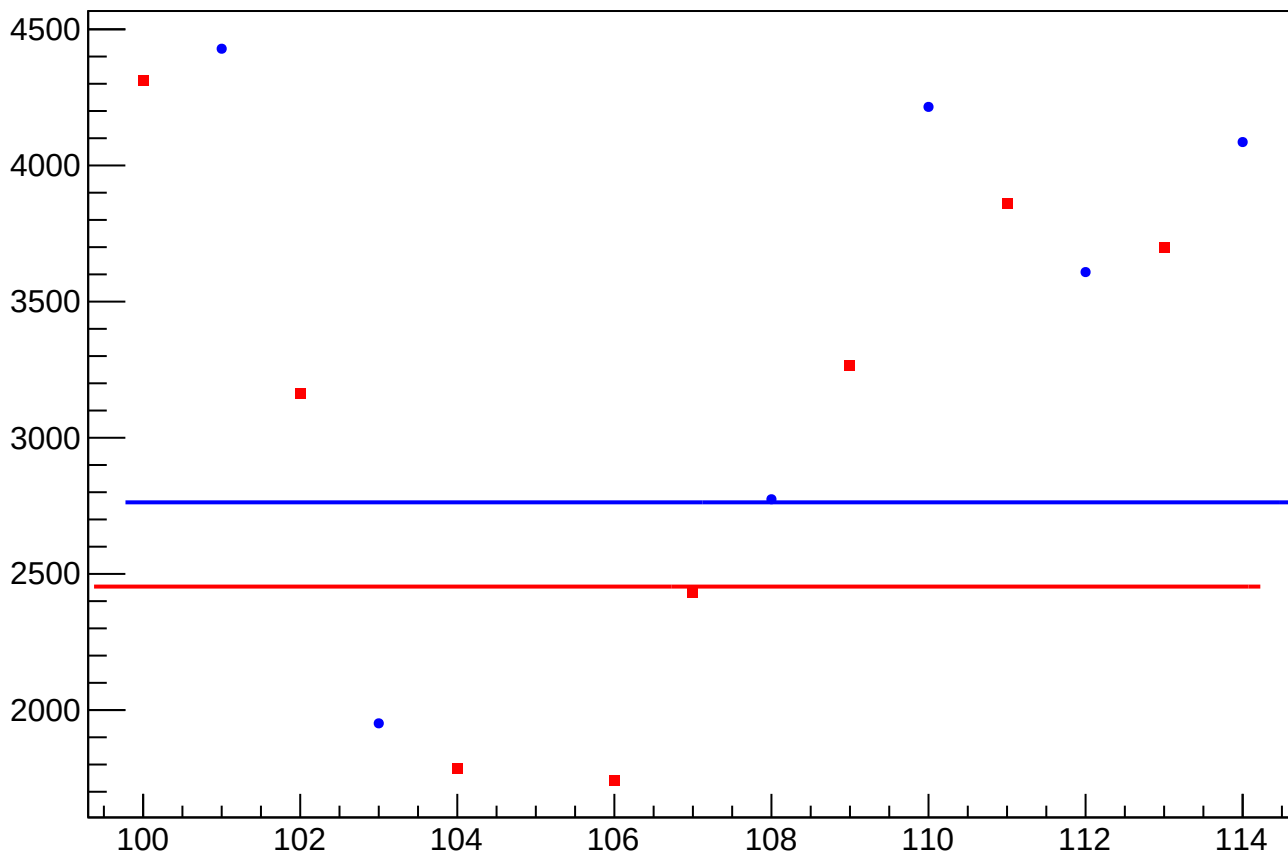
Right: 627.860 $\pm$ 1143.412 χ^2 /NDF: 14.3/13

In: 2315.194 $\pm$ 1798.171 χ^2 /NDF: 2.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 627.860 $\pm$ 1143.412 χ^2 /NDF: 14.3/13

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

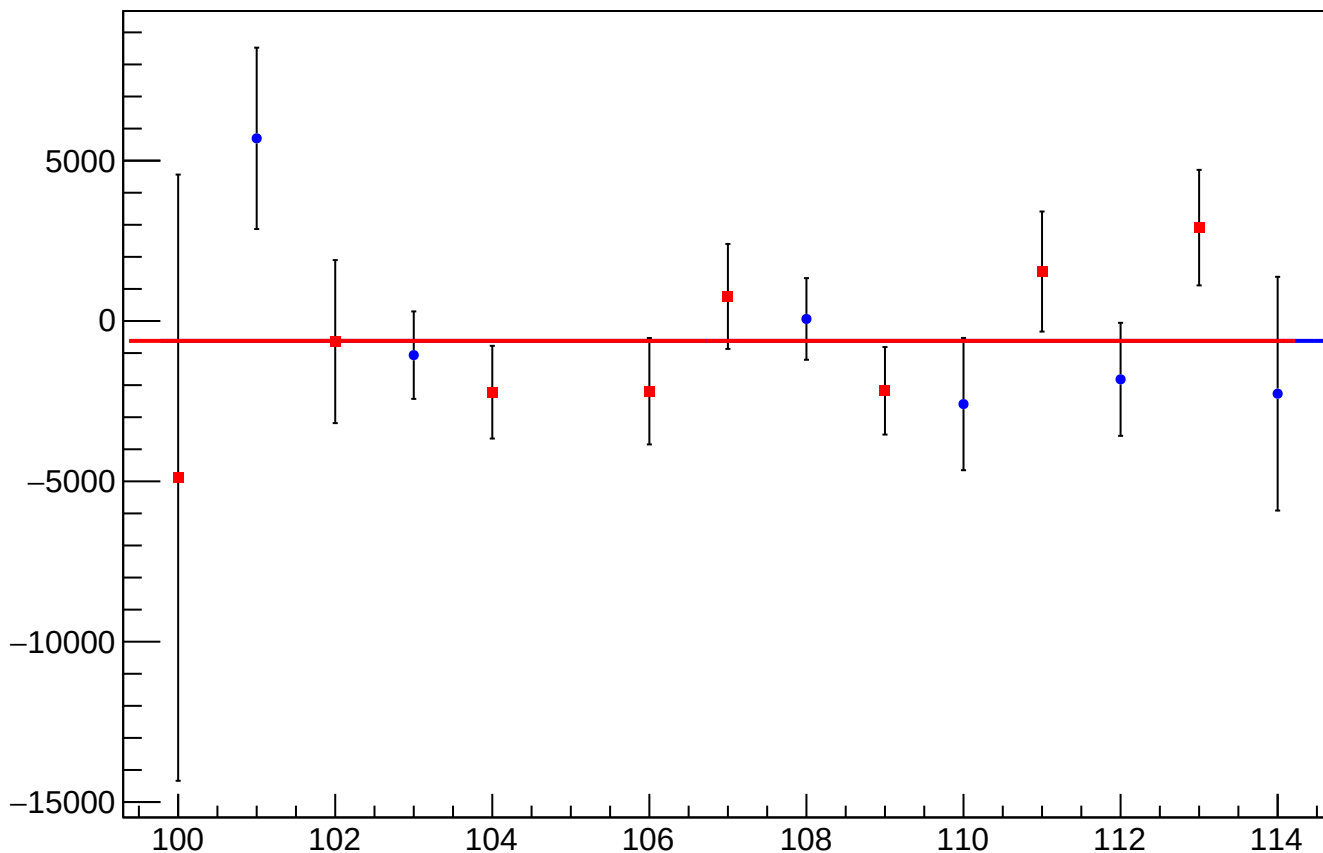
Right: 2578.571+/-0.809 χ^2/NDF : 1197934.9/13

In: 2762.850+/-1.271 χ^2/NDF : 562424.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2578.571+/-0.809 χ^2/NDF : 1197934.9/13

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -620.050+/-723.073 χ^2 /NDF: 7.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -620.395+/-630.998 χ^2 /NDF: 9.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

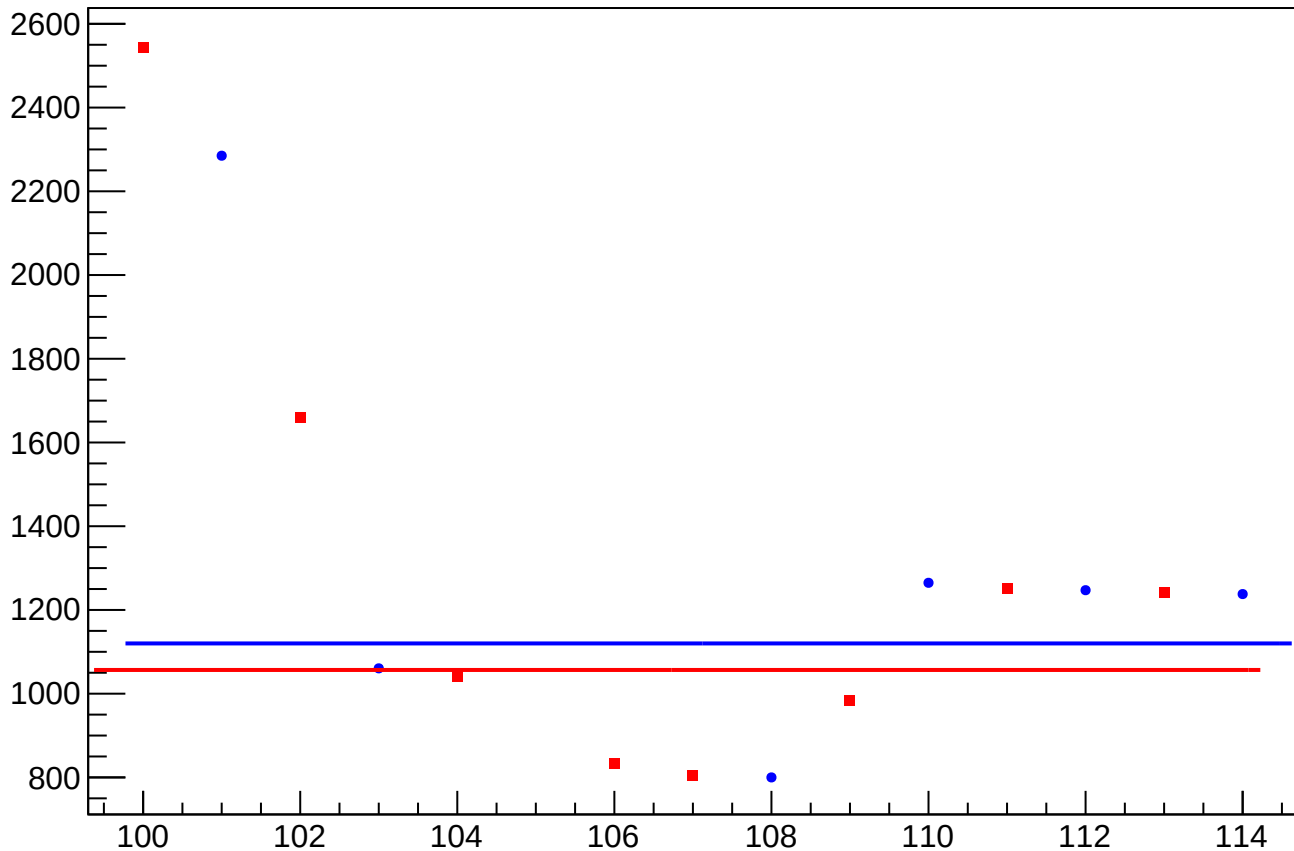
Right: -620.246+/-475.425 χ^2 /NDF: 16.5/13

In: -620.050+/-723.073 χ^2 /NDF:7.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -620.246+/-475.425 χ^2 /NDF: 16.5/13

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1120.017+/-0.511 χ^2/NDF : 492170.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.655+/-0.446 χ^2/NDF : 294996.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

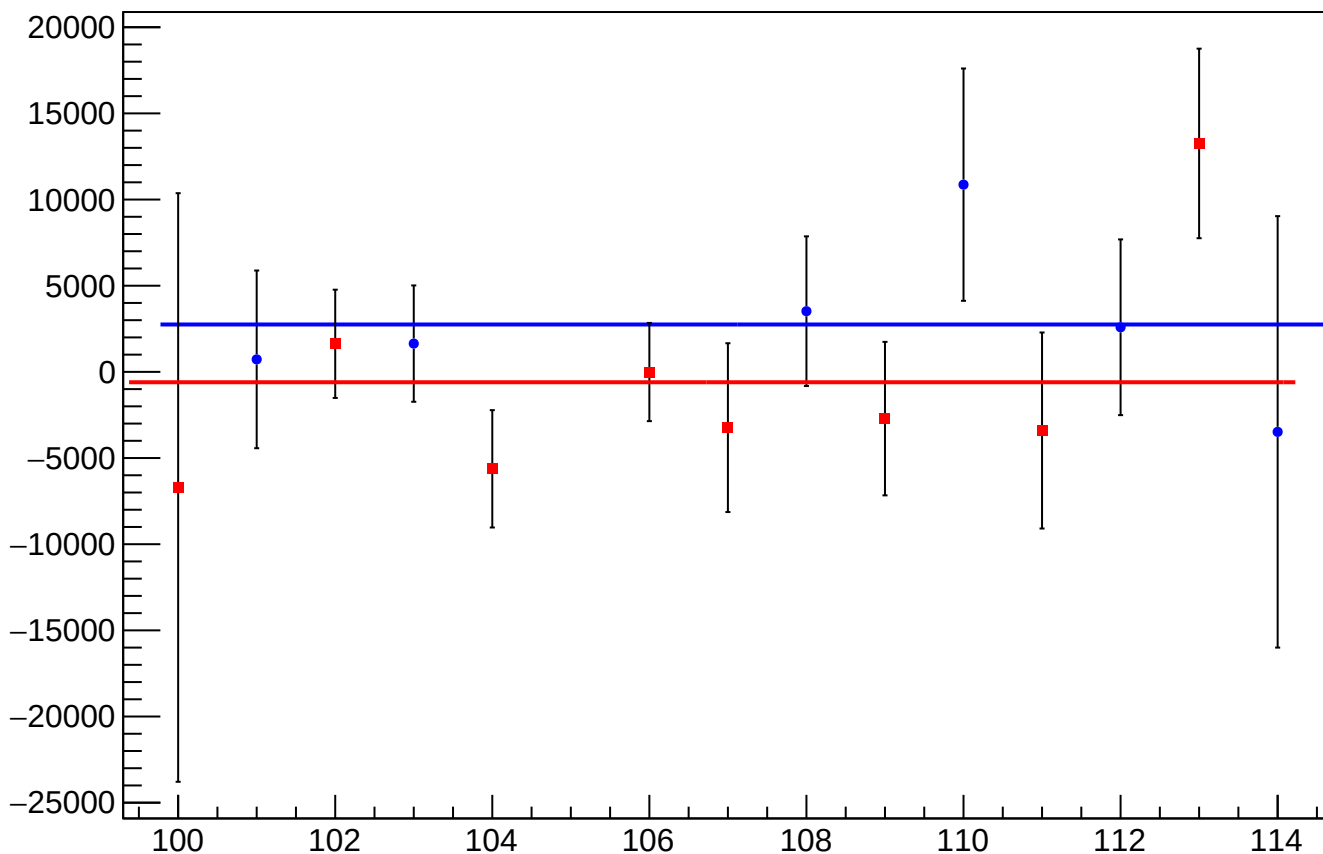
Right: 1084.017+/-0.336 χ^2/NDF : 795892.0/13

In: 1120.017+/-0.511 χ^2/NDF : 492170.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.017+/-0.336 χ^2/NDF : 795892.0/13

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

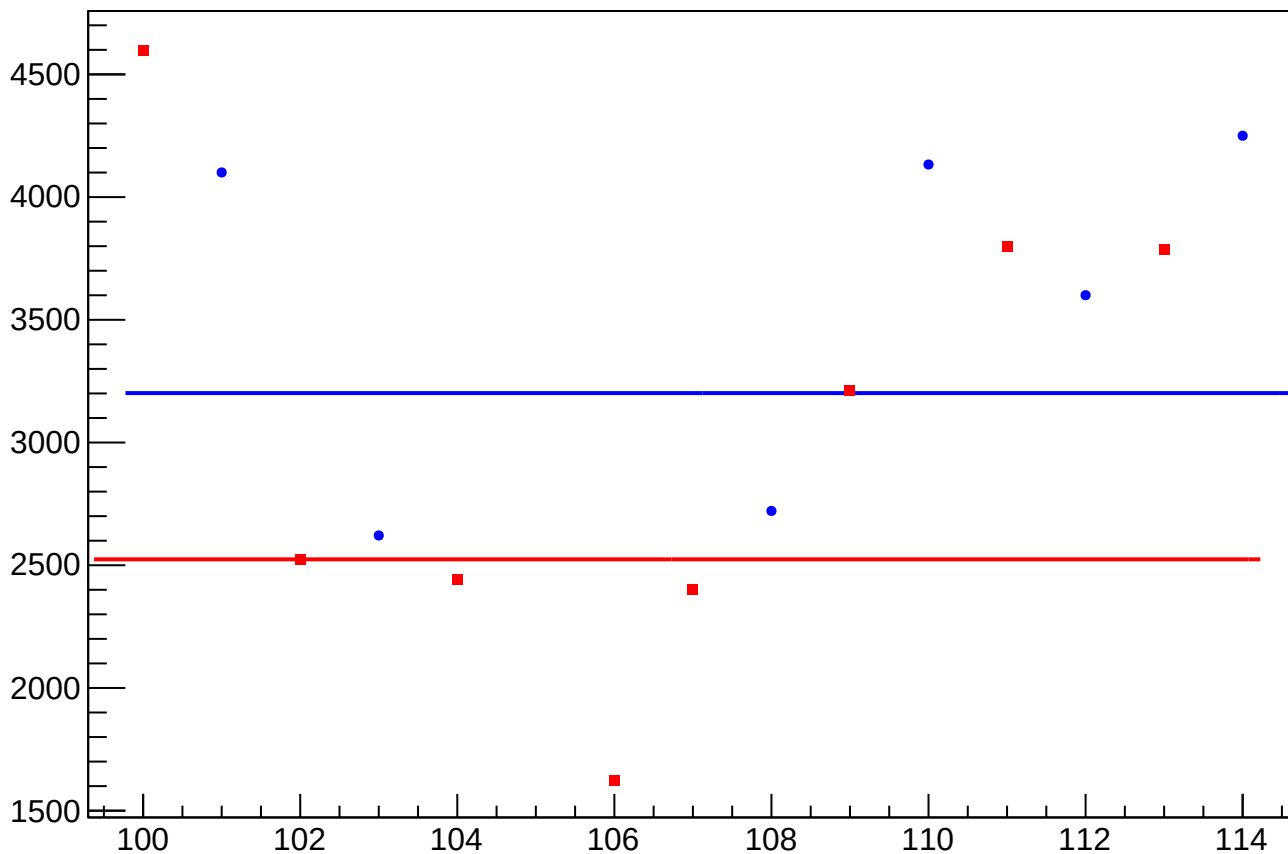
Right: 546.965+/-1182.161 χ^2/NDF : 13.8/13

In: 2750.138+/-2019.346 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.965+/-1182.161 χ^2/NDF : 13.8/13

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

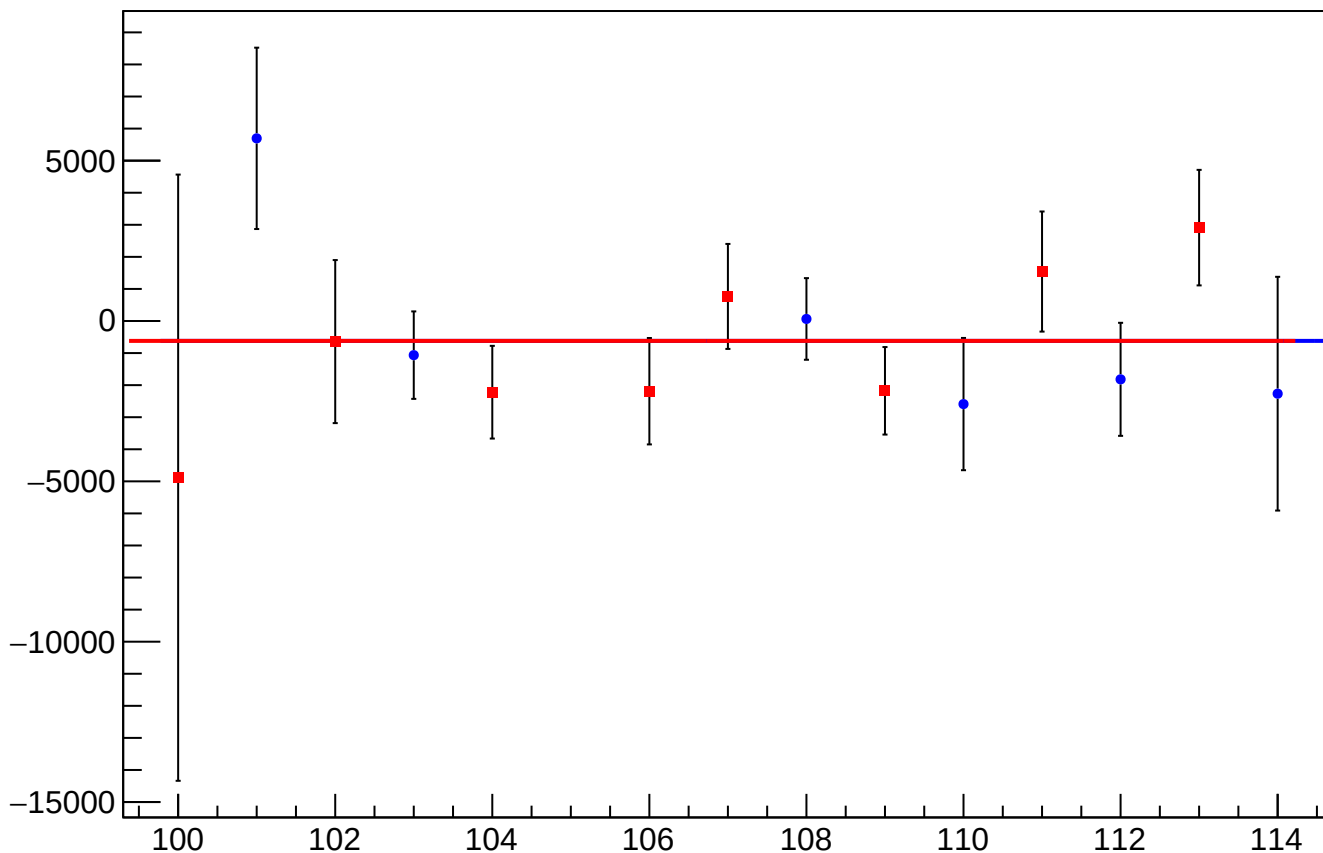
Right: 2756.181+/-0.836 χ^2/NDF : 842281.8/13

In: 3201.414+/-1.428 χ^2/NDF : 208768.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.181+/-0.836 χ^2/NDF : 842281.8/13

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

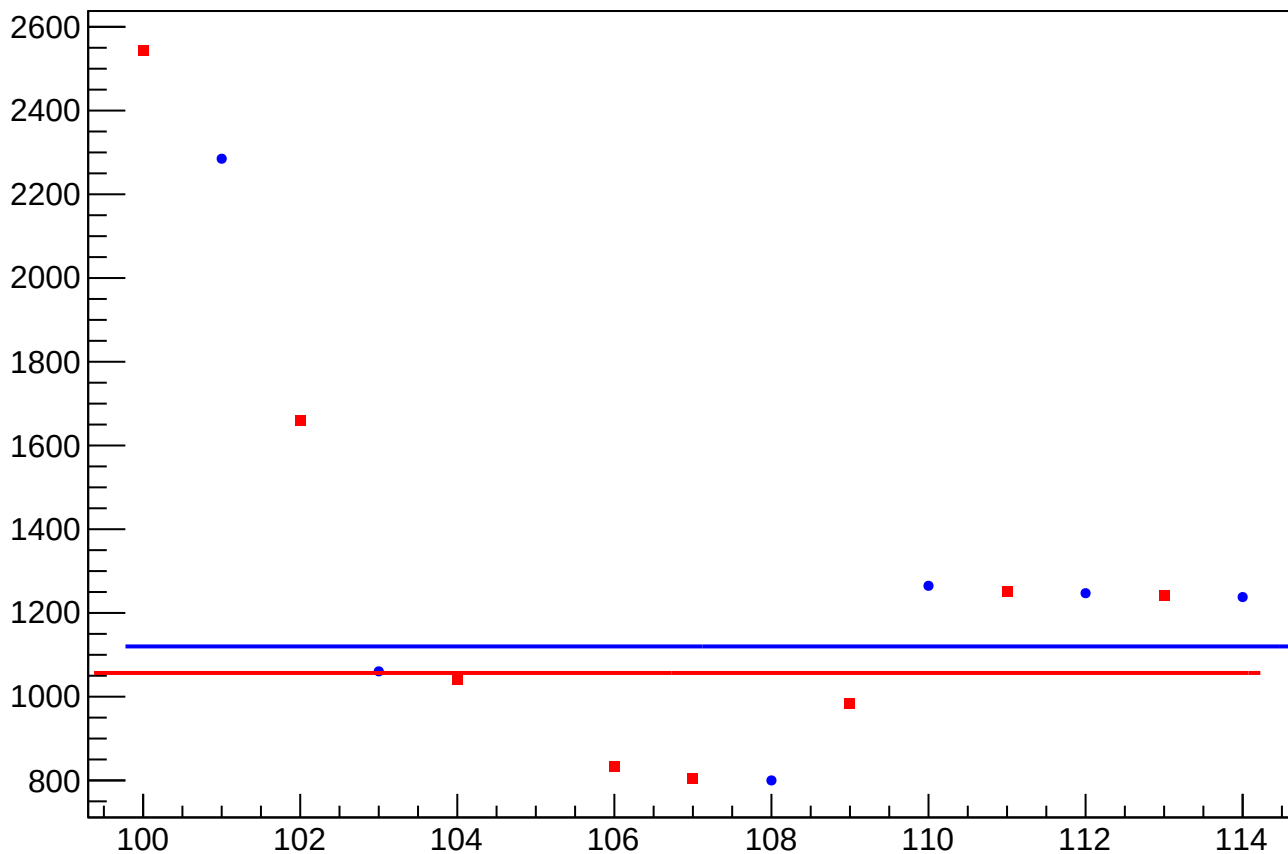
Right: -620.248 ± 475.425 χ^2/NDF : 16.5/13

In: -620.049 ± 723.073 χ^2/NDF : 7.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -620.248 ± 475.425 χ^2/NDF : 16.5/13

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1120.017+/-0.511 χ^2/NDF : 492170.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.655+/-0.446 χ^2/NDF : 294996.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

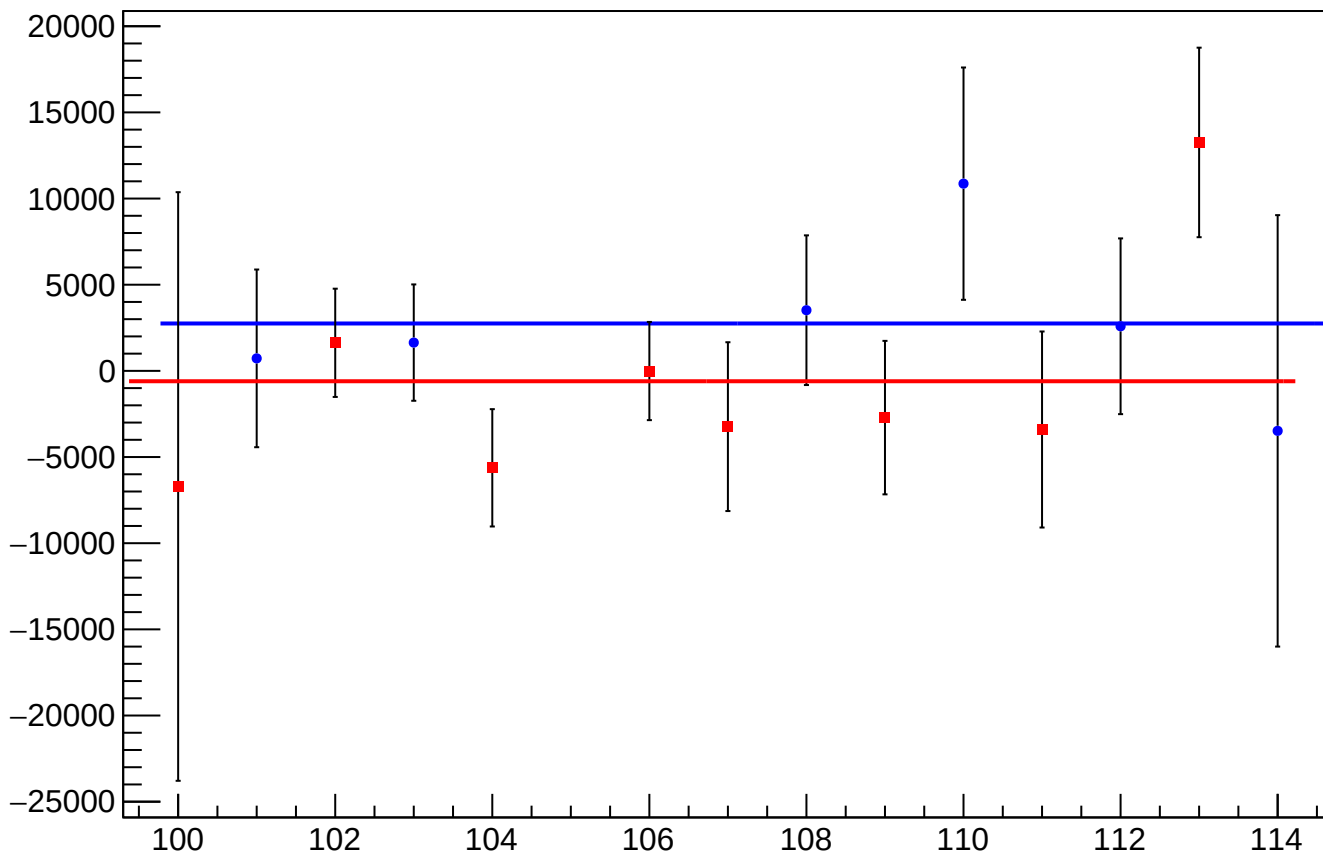
Right: 1084.018+/-0.336 χ^2/NDF : 795892.3/13

In: 1120.017+/-0.511 χ^2/NDF : 492170.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.018+/-0.336 χ^2/NDF : 795892.3/13

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

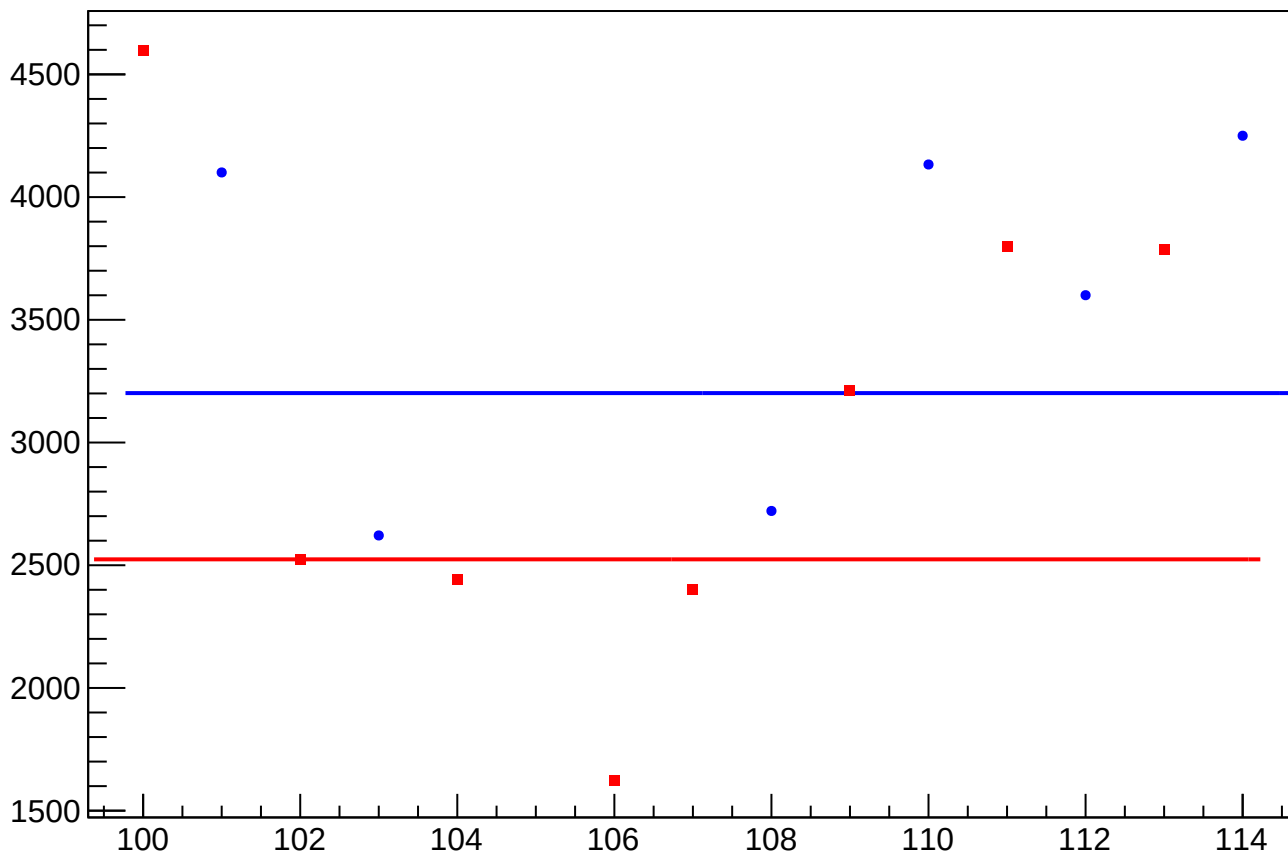
Right: 546.957 $\pm$ 1182.160 χ^2 /NDF: 13.8/13

In: 2750.141 $\pm$ 2019.347 χ^2 /NDF:2.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 546.957 $\pm$ 1182.160 χ^2 /NDF: 13.8/13

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

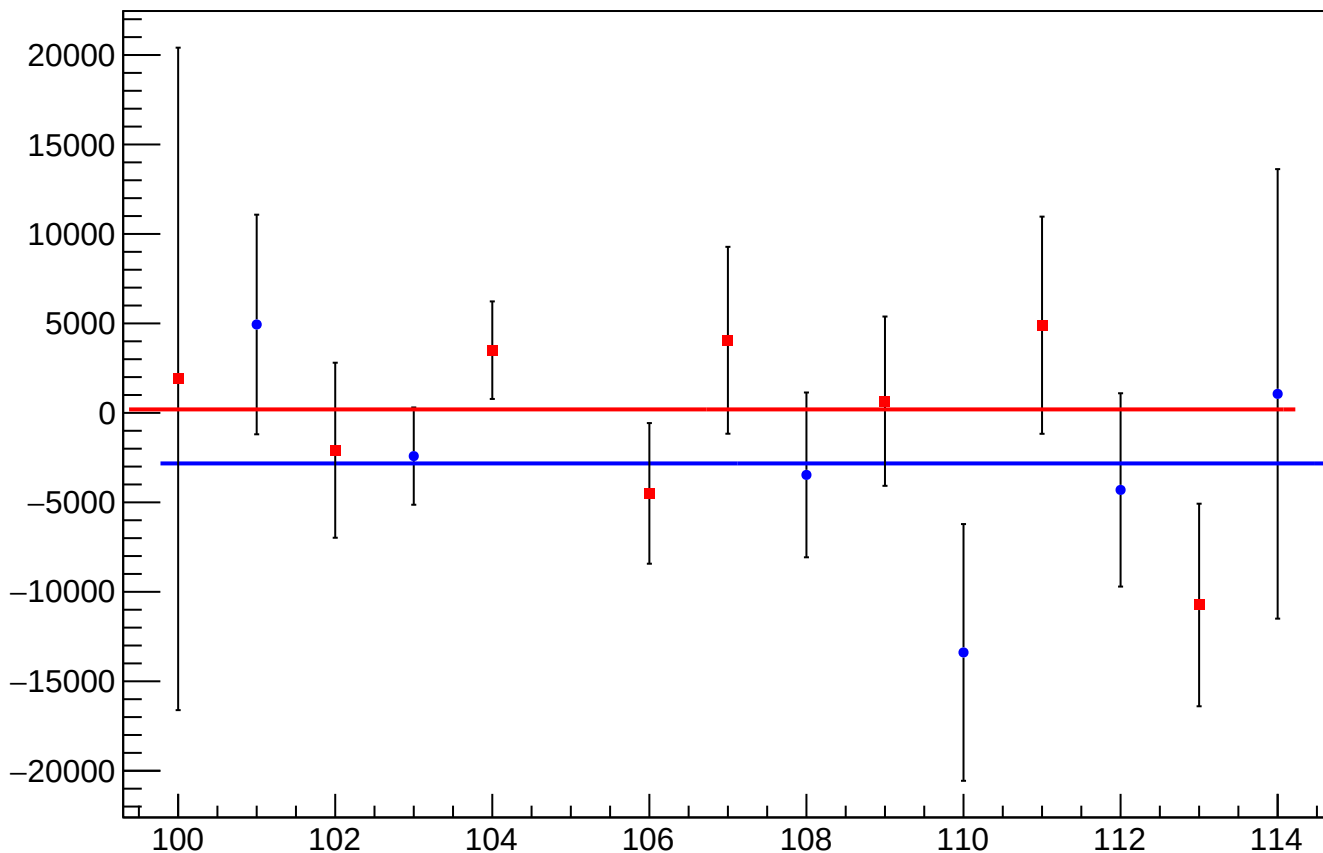
Right: 2756.178+/-0.836 χ^2/NDF : 842284.6/13

In: 3201.416+/-1.428 χ^2/NDF : 208765.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.178+/-0.836 χ^2/NDF : 842284.6/13

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

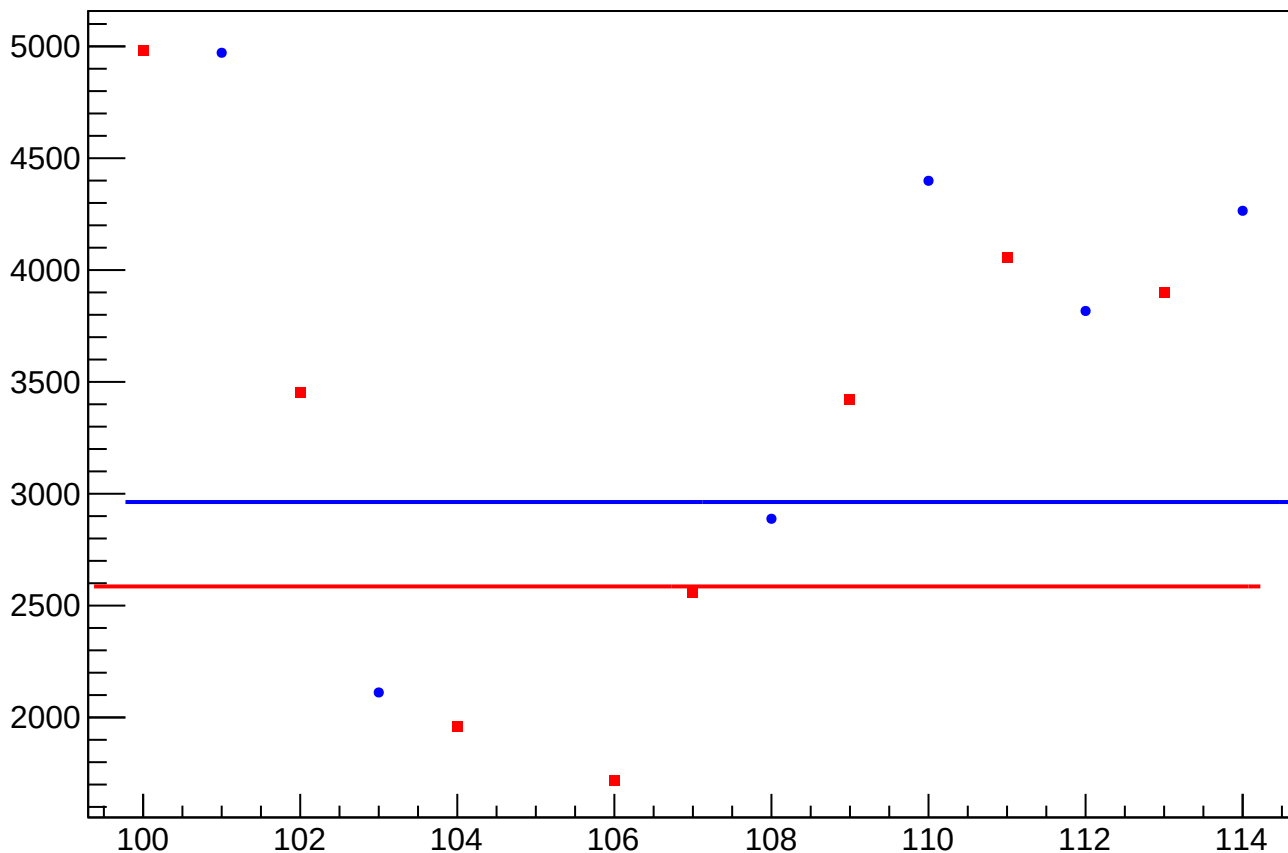
Right: -1049.828+/-1237.620 χ^2/NDF : 13.4/13

In: -2824.370+/-1927.737 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1049.828+/-1237.620 χ^2/NDF : 13.4/13

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

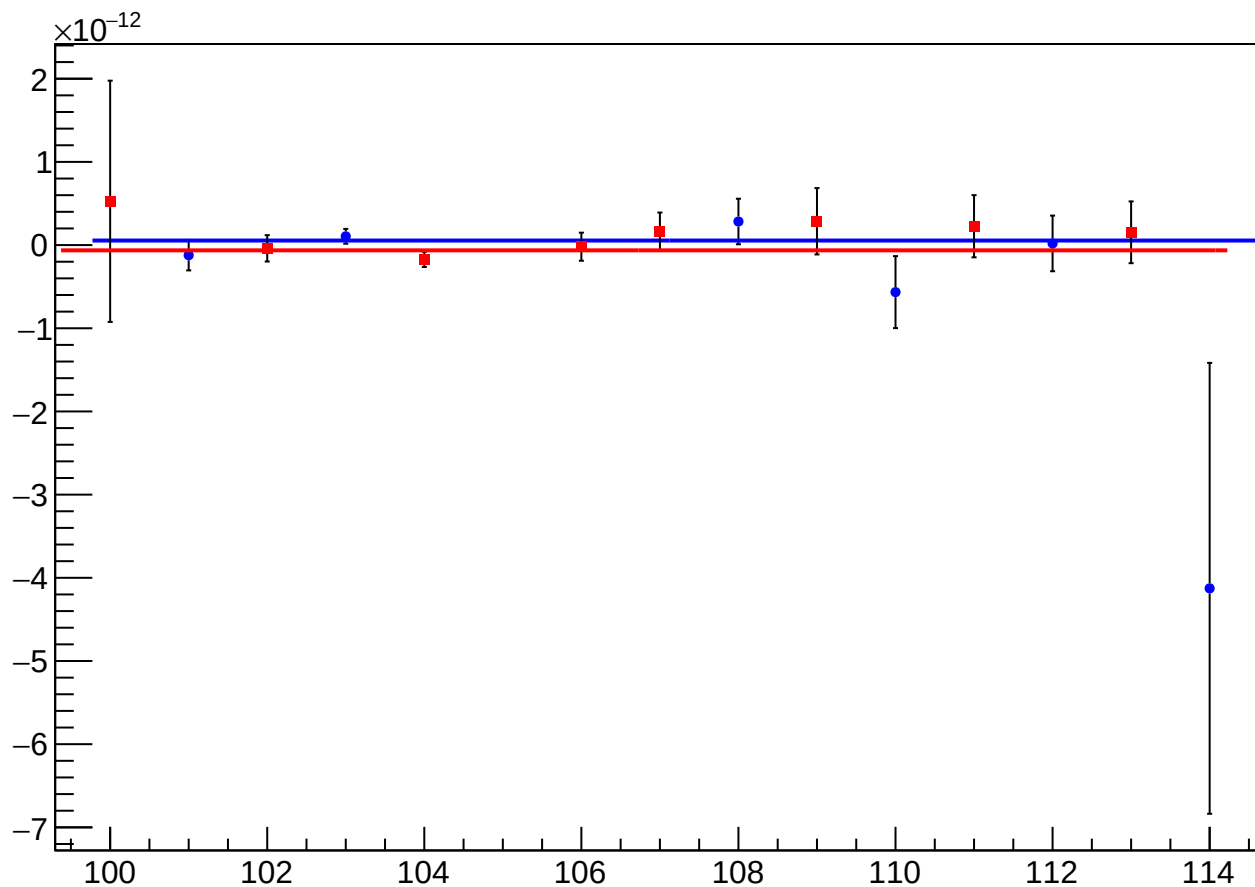
Right: 2735.934+/-0.860 χ^2/NDF : 1230463.4/13

In: 2963.048+/-1.363 χ^2/NDF : 562568.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2735.934+/-0.860 χ^2/NDF : 1230463.4/13

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

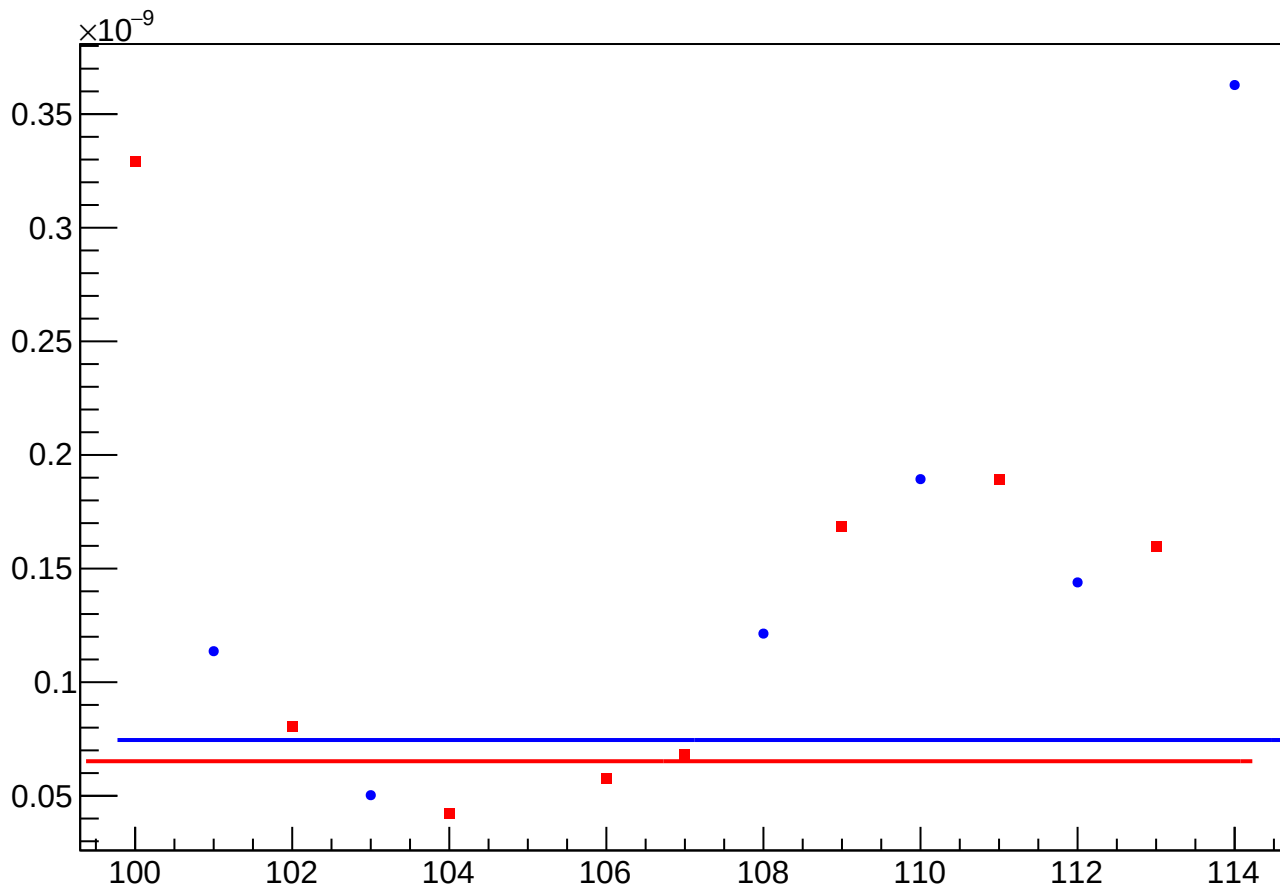
Right: -0.000±/-0.000 χ^2/NDF : 12.2/13

In: 0.000±/-0.000 χ^2/NDF : 6.4/5

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -0.000±/-0.000 χ^2/NDF : 12.2/13

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 547918.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 699759.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

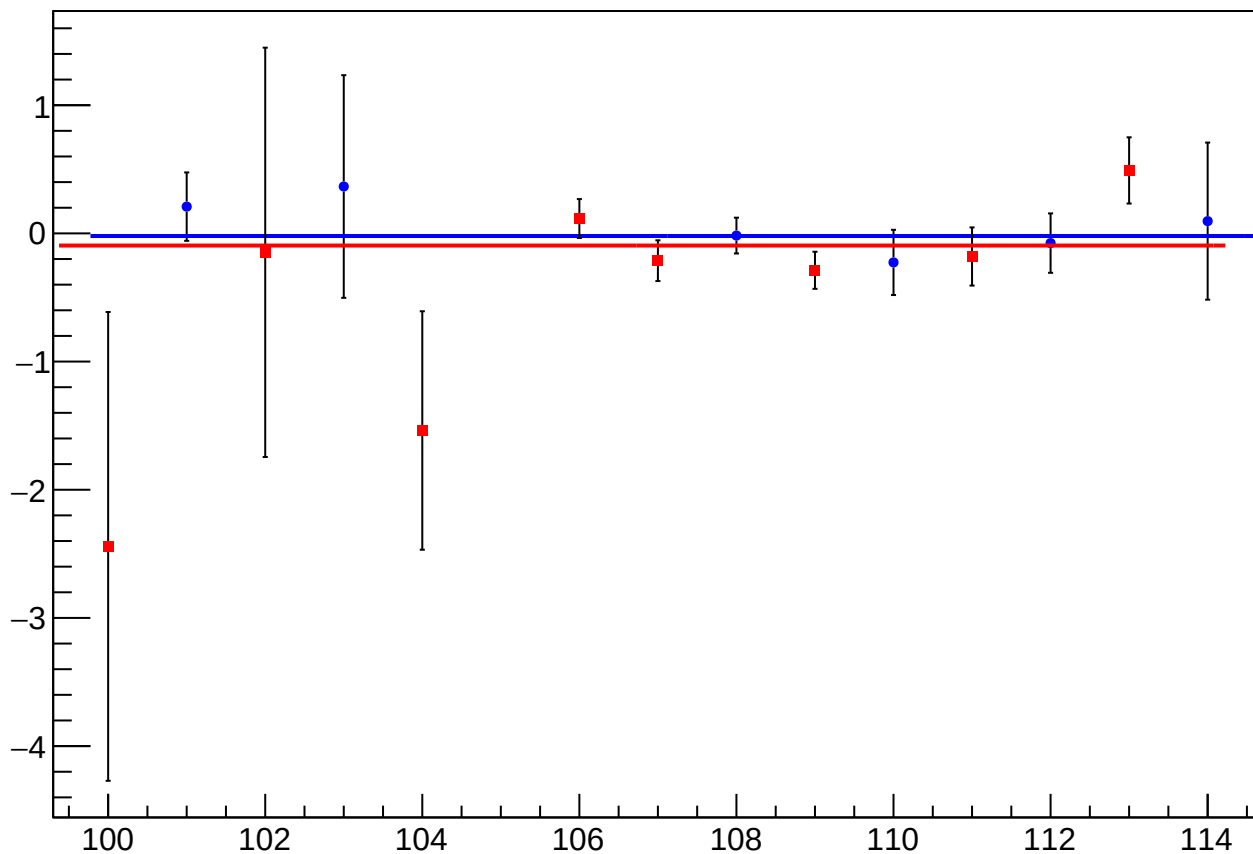
Right: 0.000+/-0.000 χ^2/NDF : 1265635.7/13

In: 0.000+/-0.000 χ^2/NDF : 547918.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1265635.7/13

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

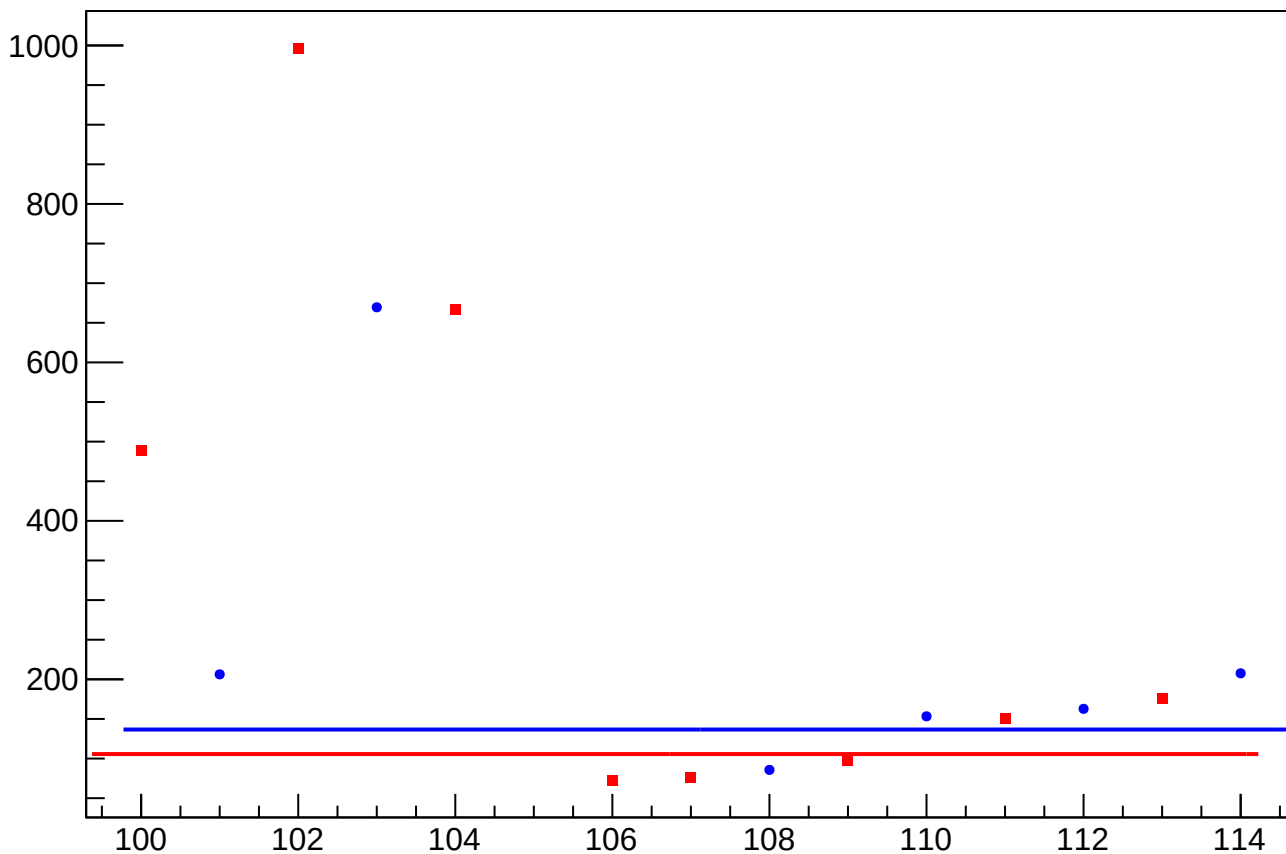
Right: -0.066 ± 0.061 χ^2/NDF : 15.6/13

In: -0.020 ± 0.098 χ^2/NDF : 1.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.061 χ^2/NDF : 15.6/13

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

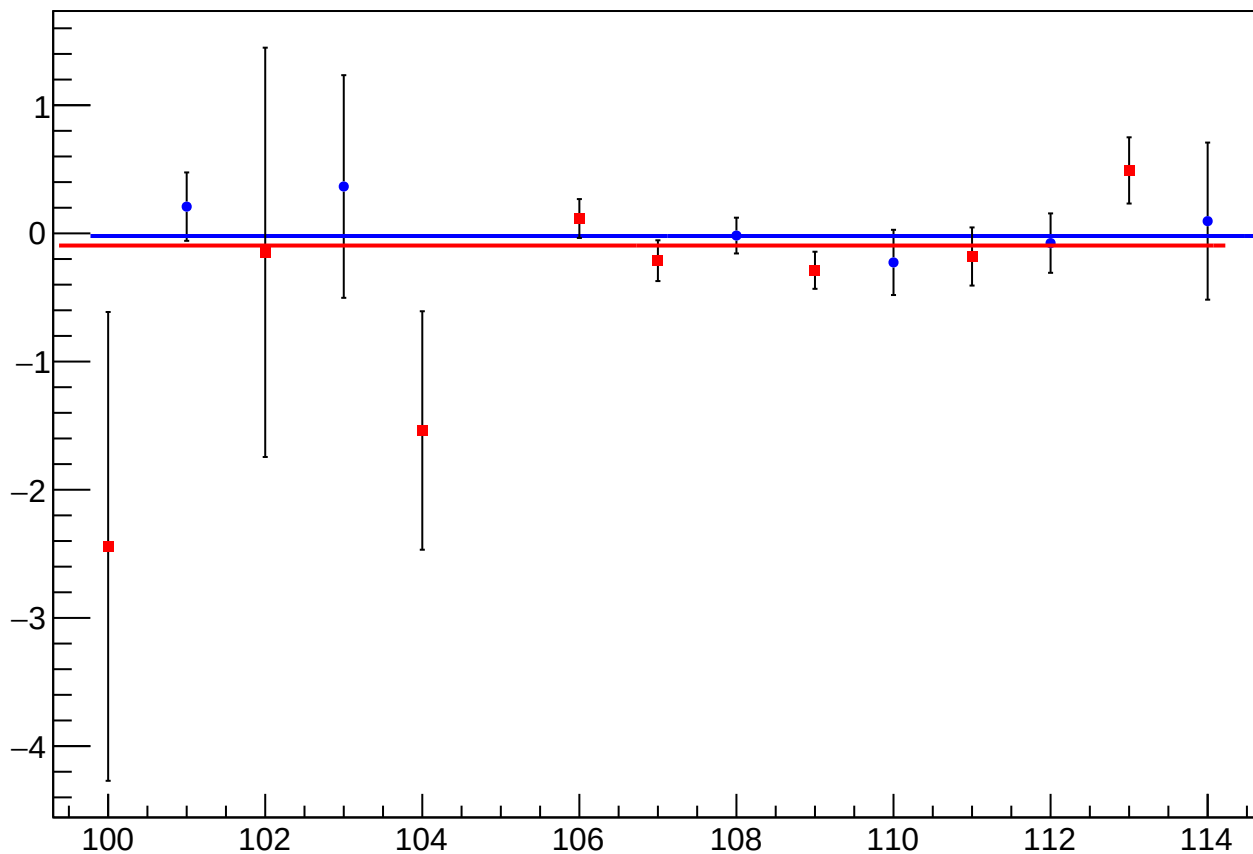
Right: 117.511 $\pm$ 0.043 χ^2 /NDF: 3183879.7/13

In: 136.643 $\pm$ 0.070 χ^2 /NDF:1216839.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.511 $\pm$ 0.043 χ^2 /NDF: 3183879.7/13

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

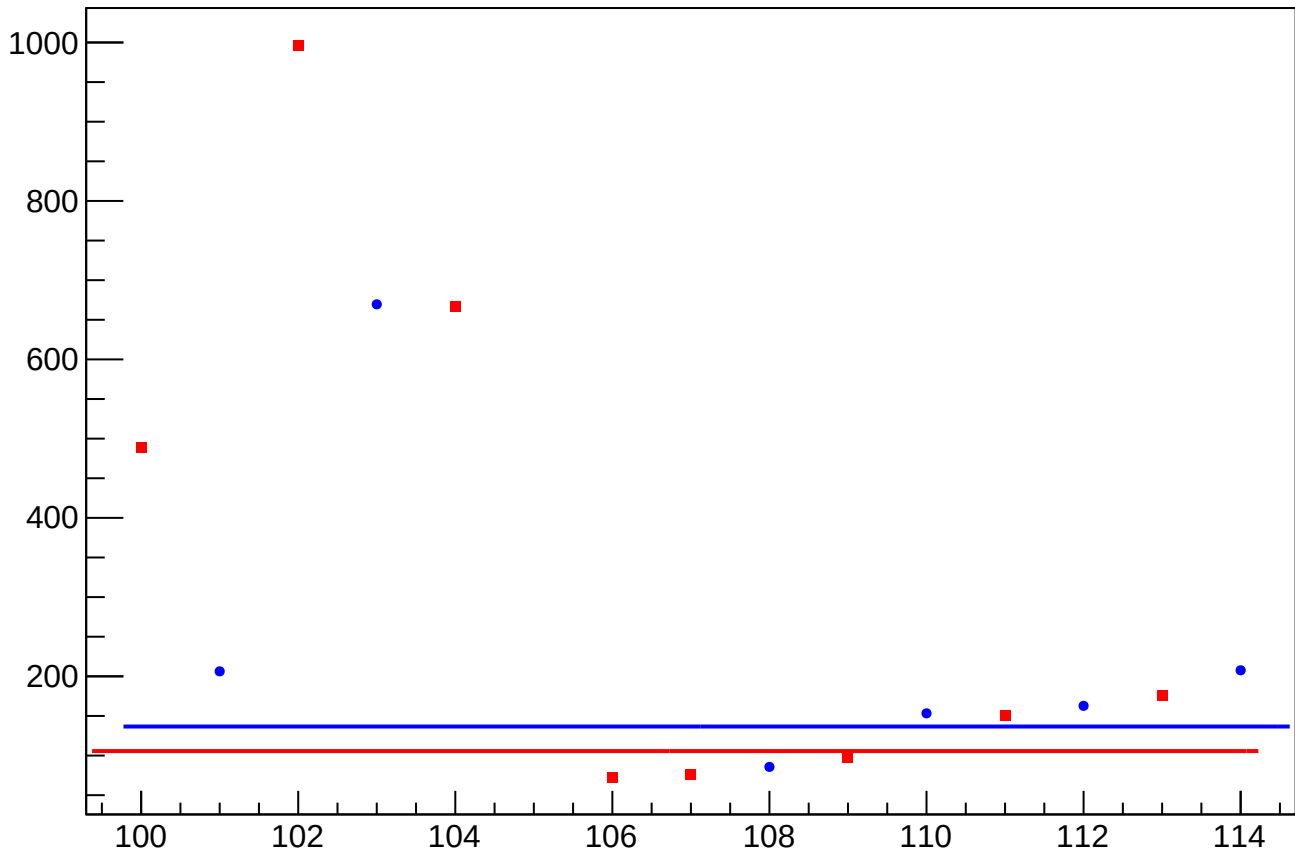
Right: -0.066 ± 0.061 χ^2/NDF : 15.6/13

In: -0.020 ± 0.098 χ^2/NDF : 1.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.061 χ^2/NDF : 15.6/13

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.643+/-0.070 χ^2/NDF : 1216839.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.663+/-0.055 χ^2/NDF : 1844384.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

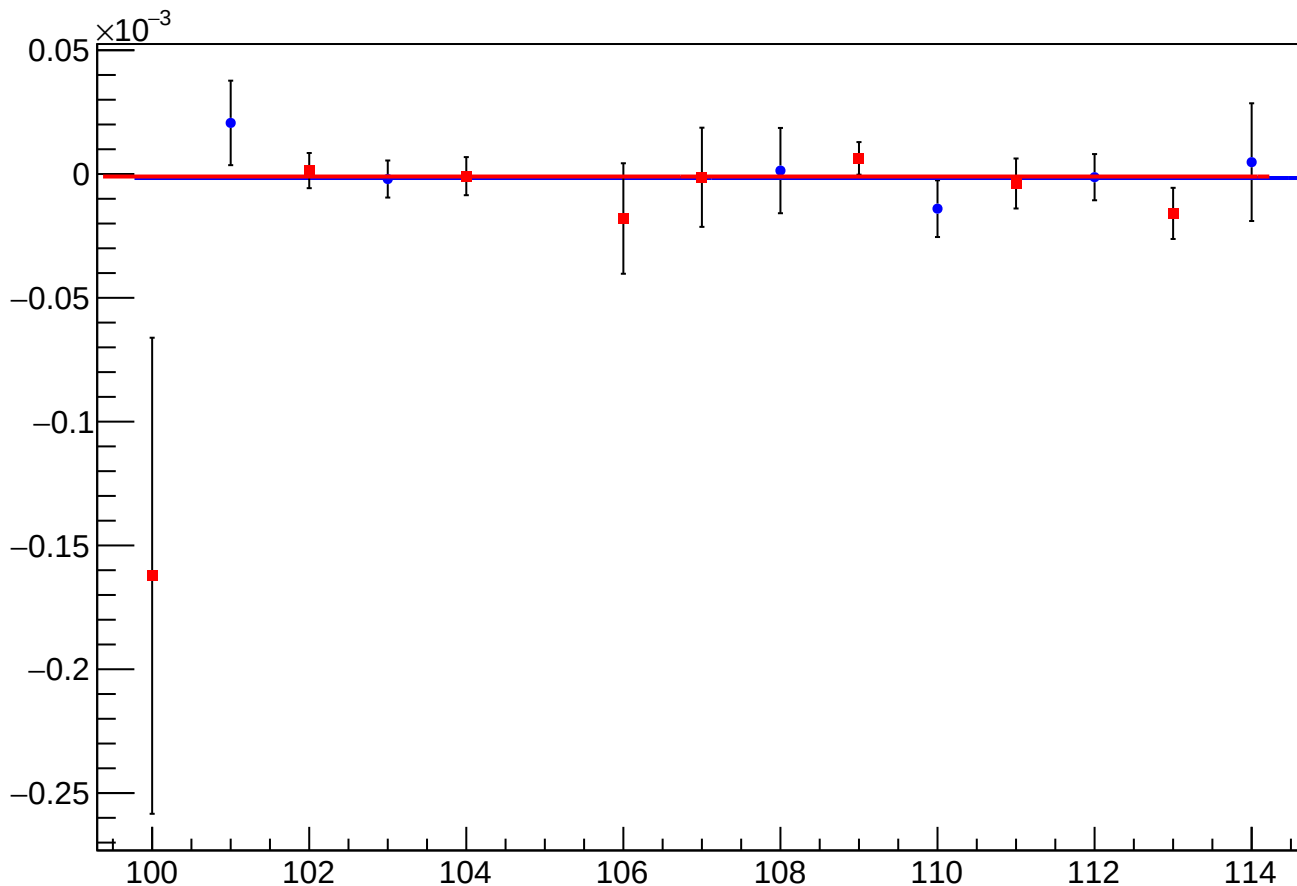
Right: 117.511+/-0.043 χ^2/NDF : 3183879.7/13

In: 136.643+/-0.070 χ^2/NDF : 1216839.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.511+/-0.043 χ^2/NDF : 3183879.7/13

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

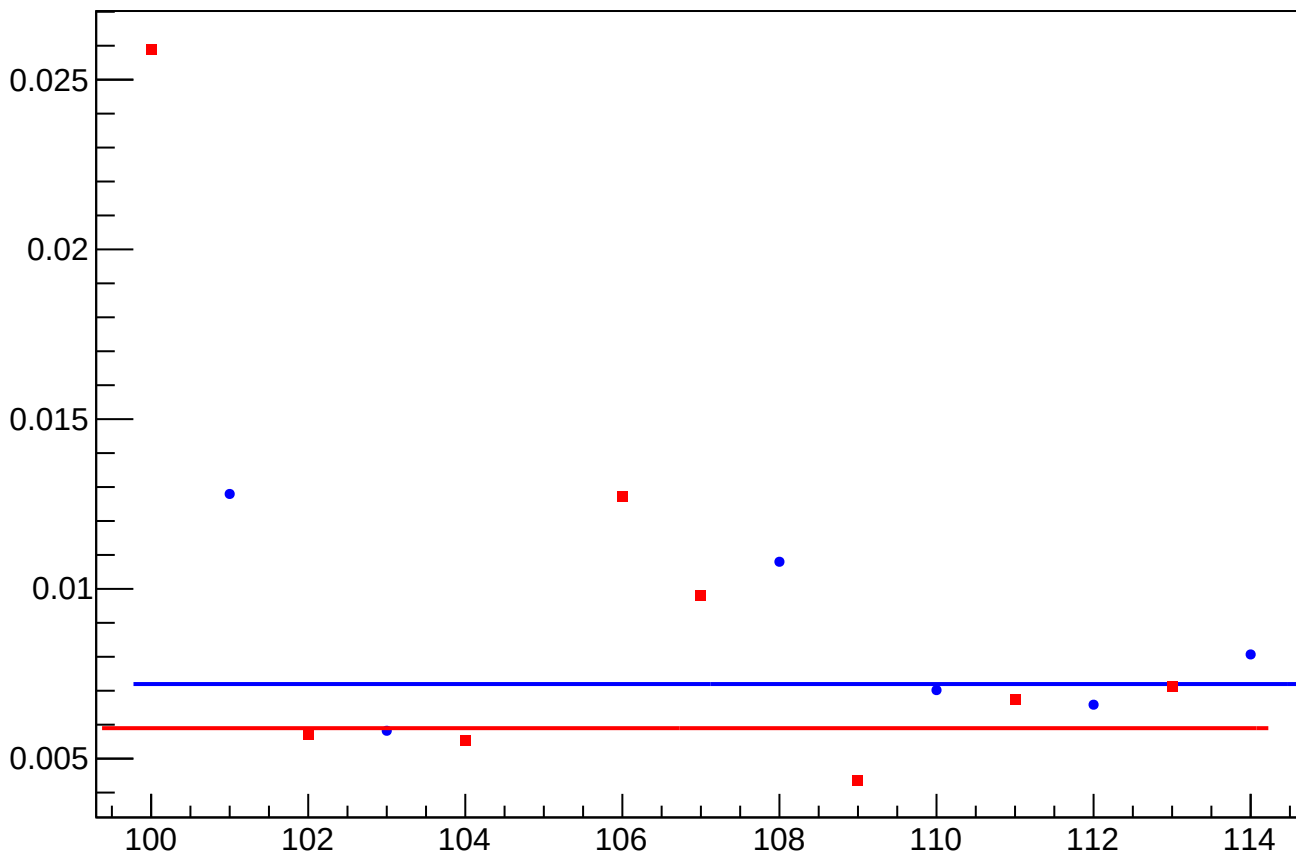
Right: -0.000+/-0.000 χ^2/NDF : 9.9/13

In: -0.000+/-0.000 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/13

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

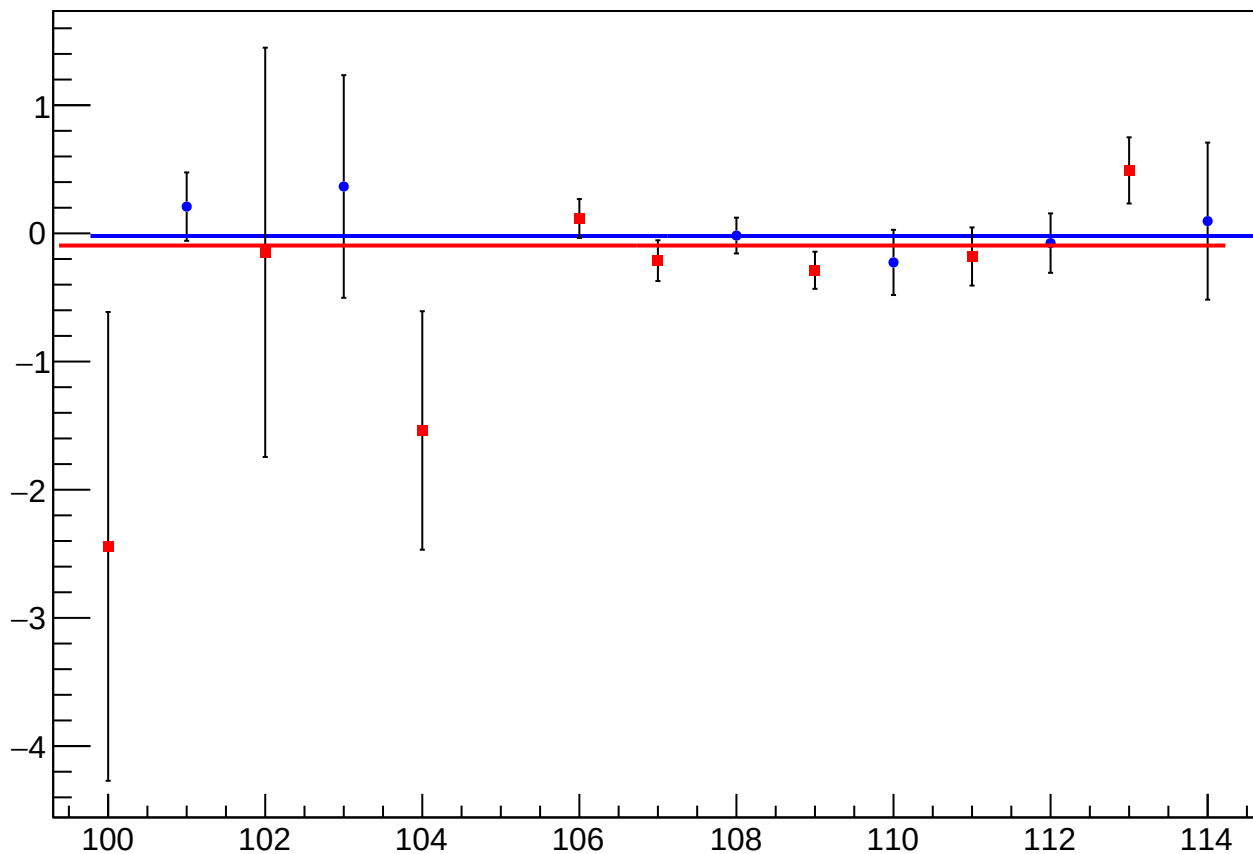
Right: 0.006+/-0.000 χ^2/NDF : 989650.0/13

In: 0.007+/-0.000 χ^2/NDF : 382260.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 989650.0/13

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

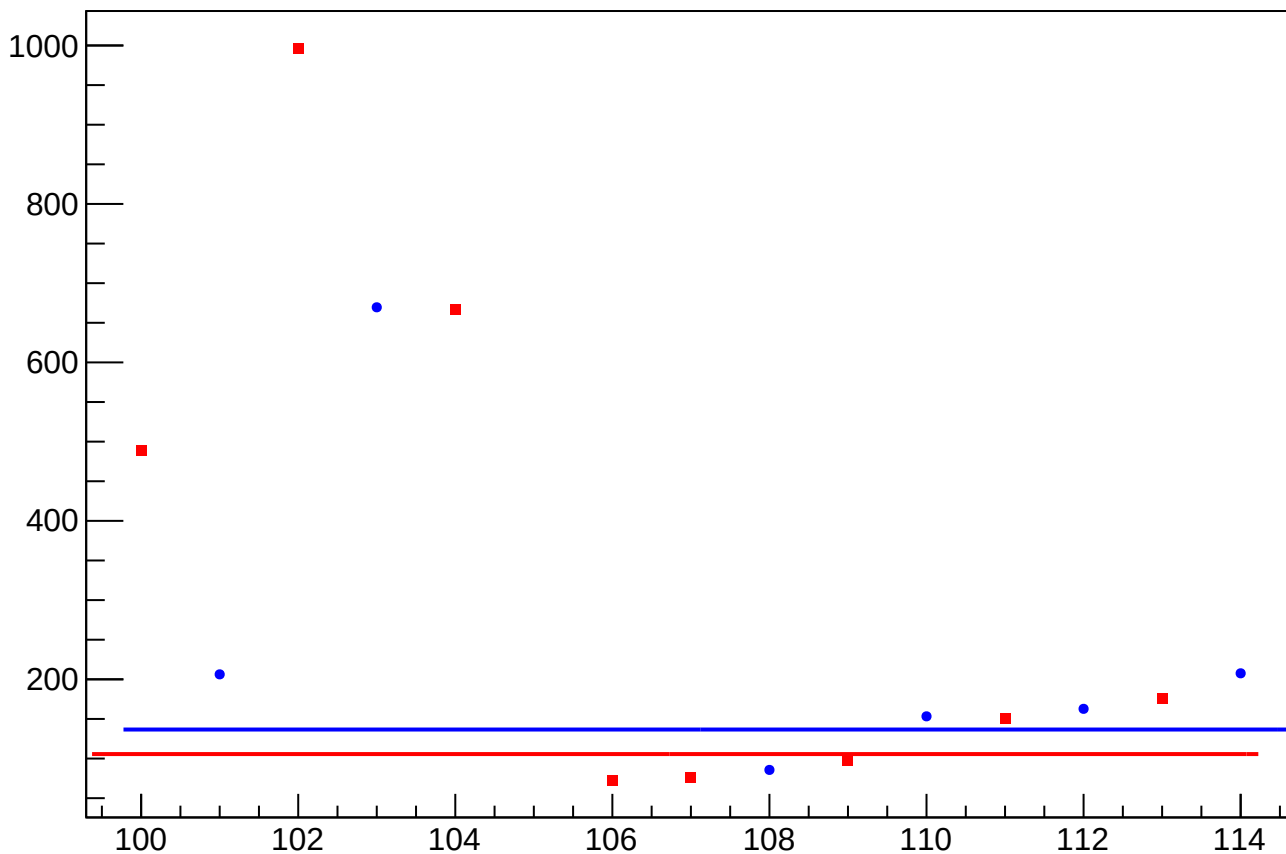
Right: -0.066 ± 0.061 χ^2/NDF : 15.6/13

In: -0.020 ± 0.098 χ^2/NDF : 1.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.061 χ^2/NDF : 15.6/13

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.639+/-0.070 χ^2/NDF : 1216910.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.663+/-0.055 χ^2/NDF : 1844381.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

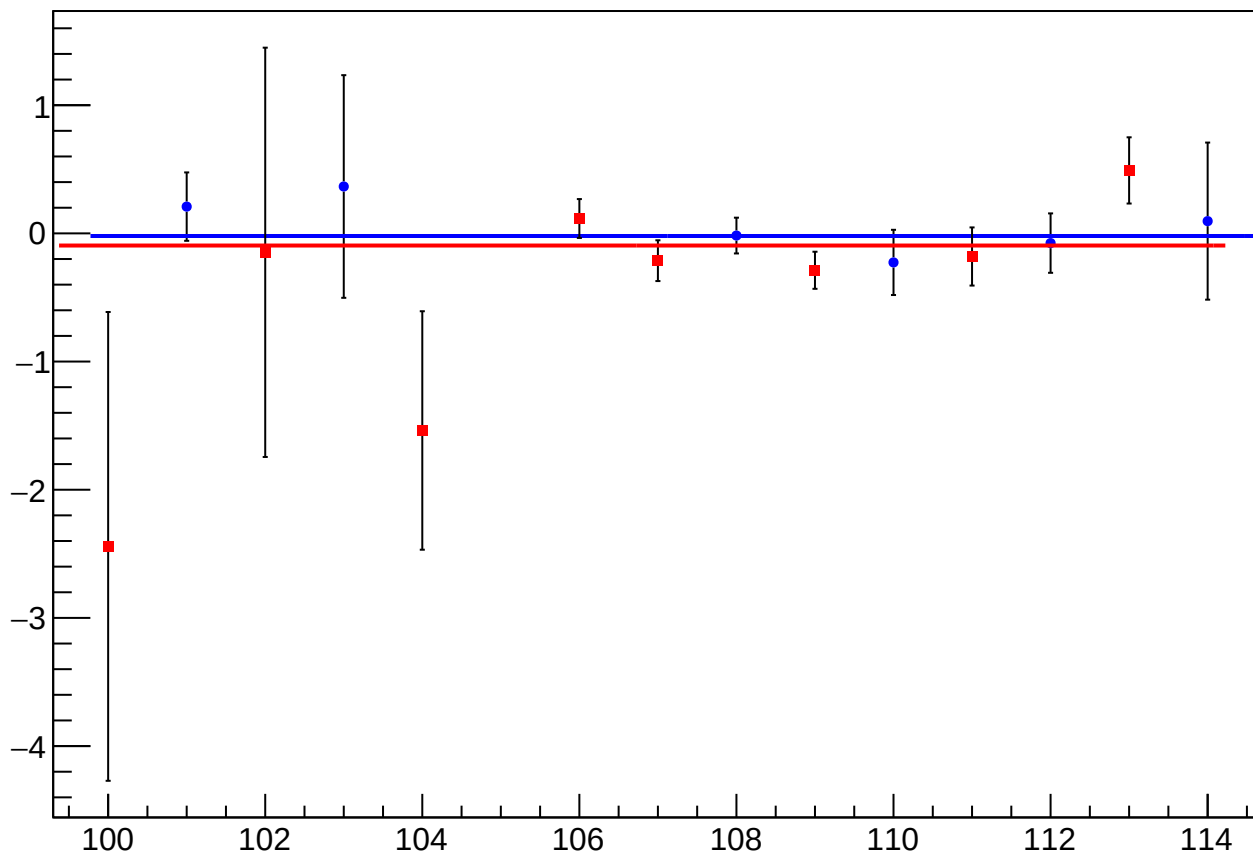
Right: 117.510+/-0.043 χ^2/NDF : 3183911.7/13

In: 136.639+/-0.070 χ^2/NDF : 1216910.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.510+/-0.043 χ^2/NDF : 3183911.7/13

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

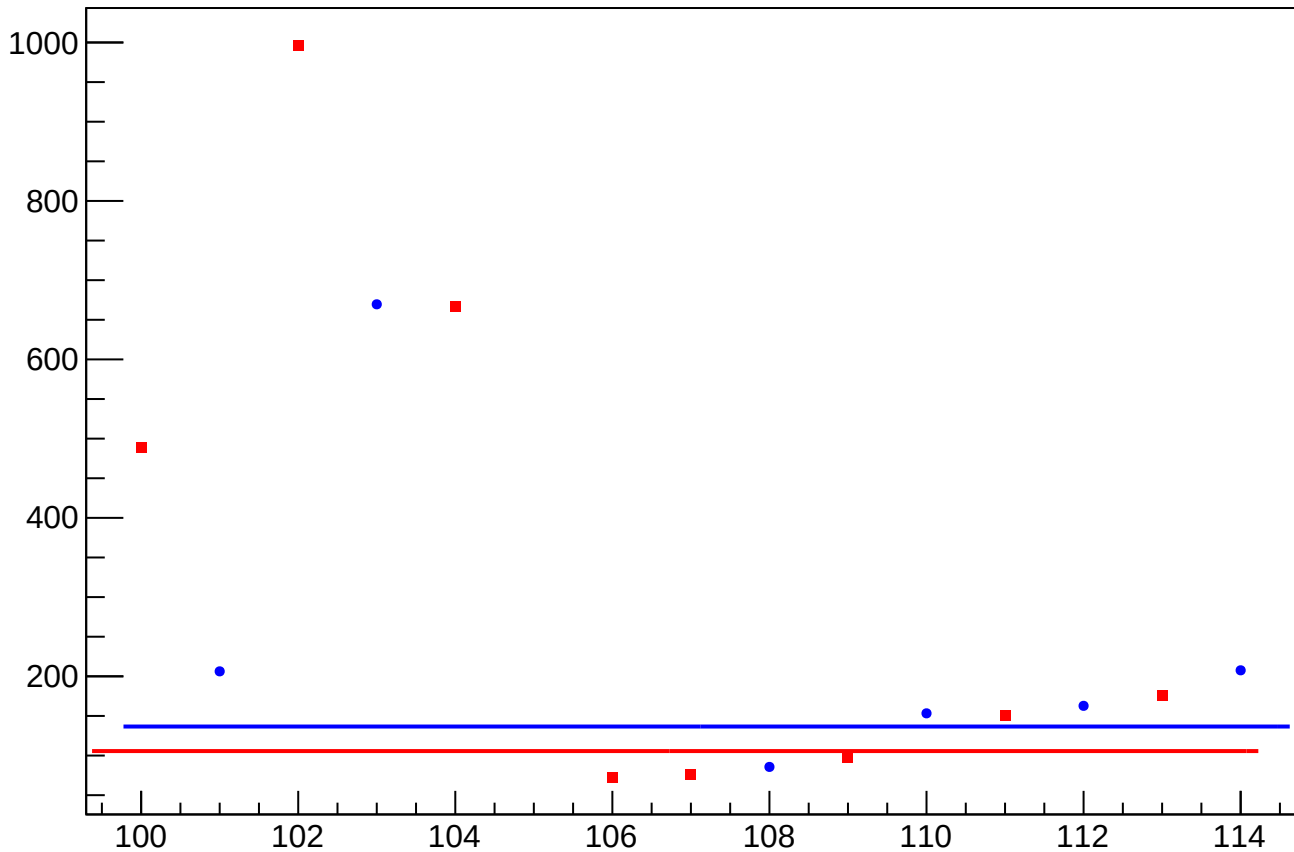
Right: -0.066 ± 0.061 χ^2/NDF : 15.6/13

In: -0.020 ± 0.098 χ^2/NDF : 1.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.061 χ^2/NDF : 15.6/13

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.639+/-0.070 χ^2/NDF : 1216910.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.663+/-0.055 χ^2/NDF : 1844381.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

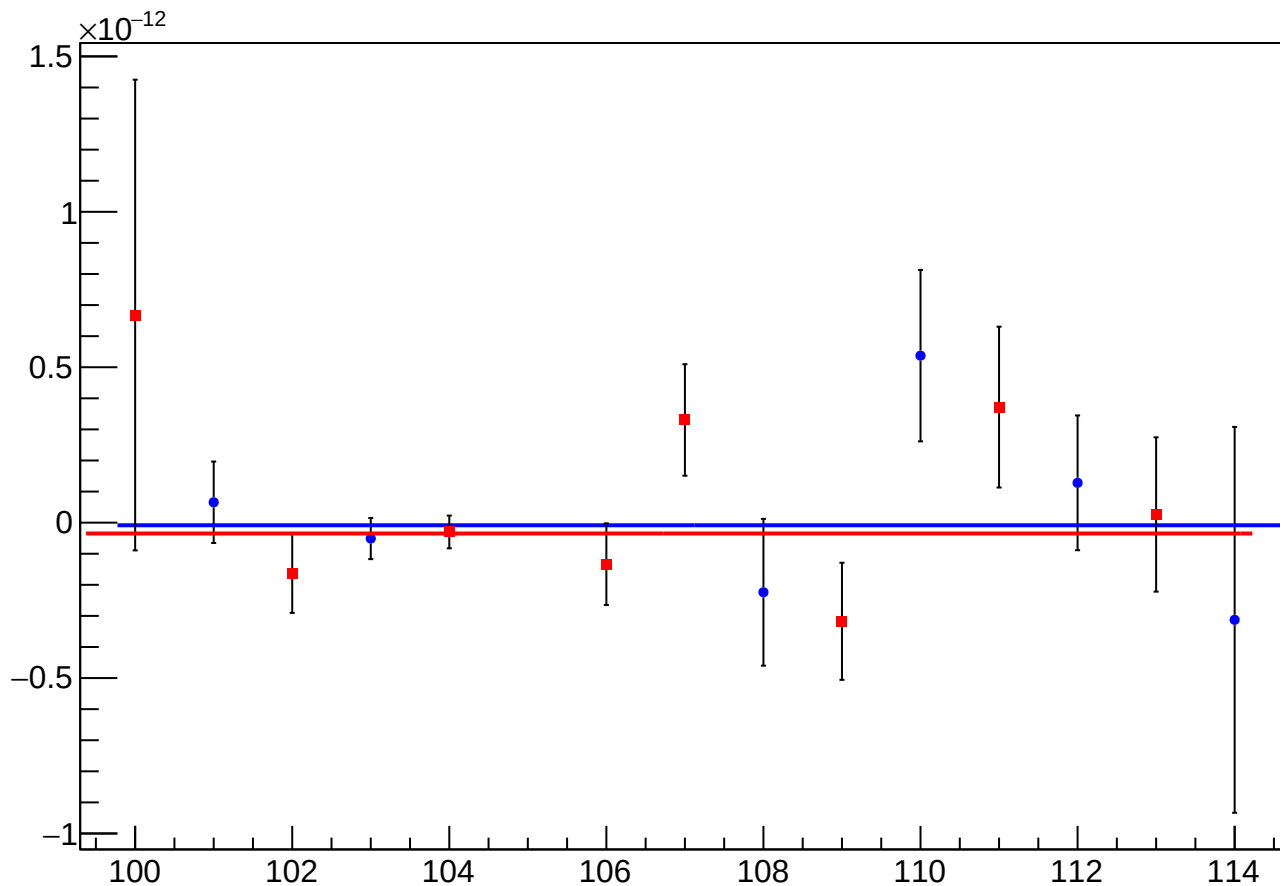
Right: 117.510+/-0.043 χ^2/NDF : 3183911.7/13

In: 136.639+/-0.070 χ^2/NDF : 1216910.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.510+/-0.043 χ^2/NDF : 3183911.7/13

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

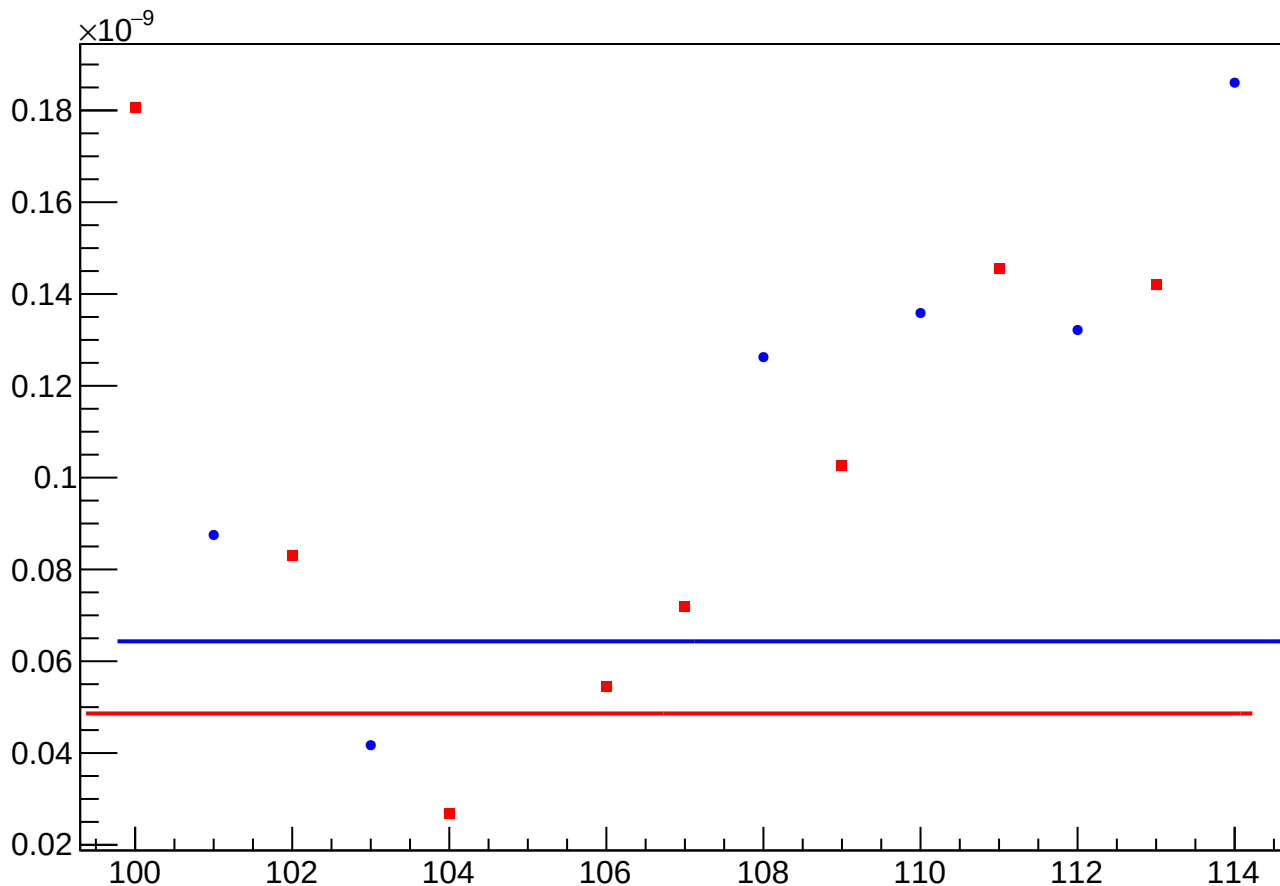
Right: -0.000+/-0.000 χ^2/NDF : 17.6/13

In: -0.000+/-0.000 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/13

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

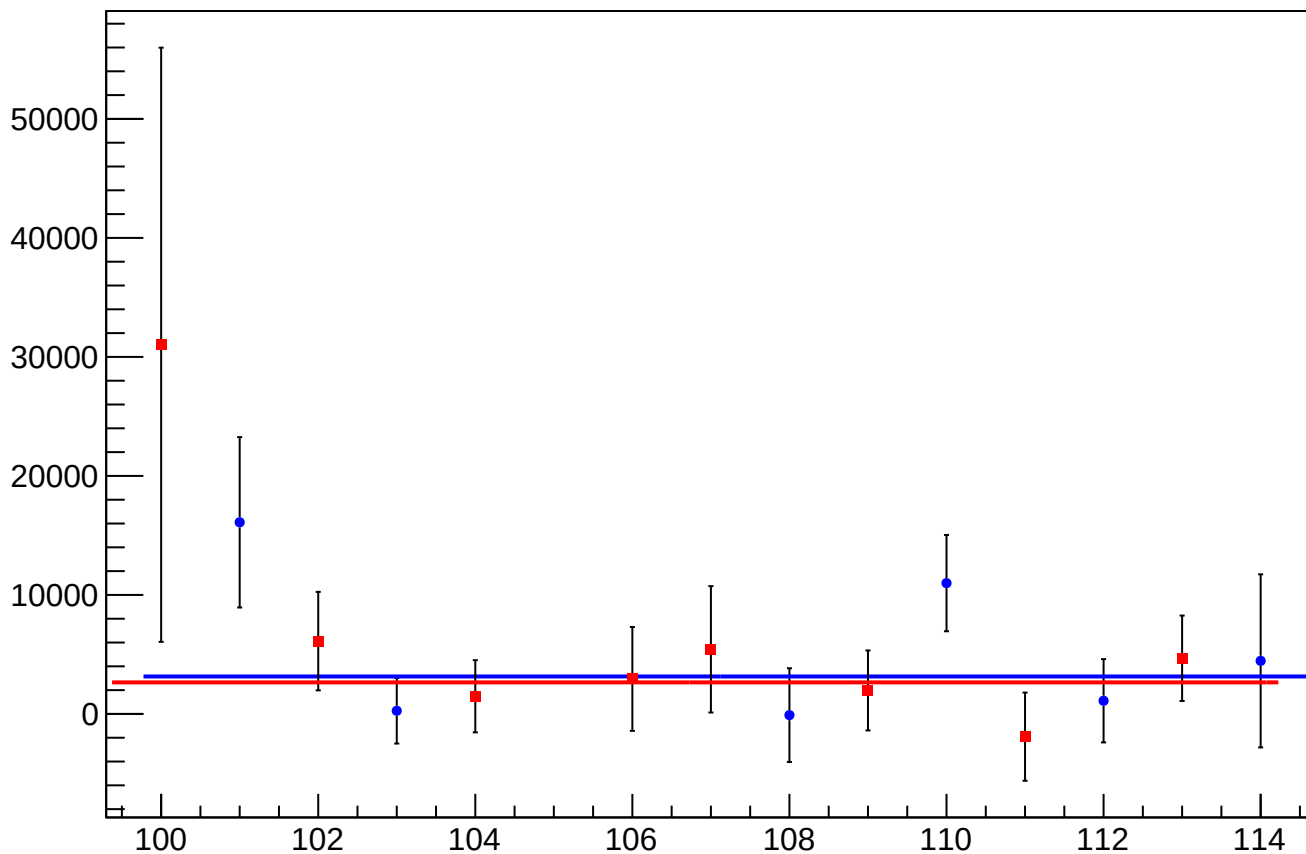
Right: 0.000+/-0.000 χ^2/NDF : 2261651.2/13

In: 0.000+/-0.000 χ^2/NDF : 840595.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2261651.2/13

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

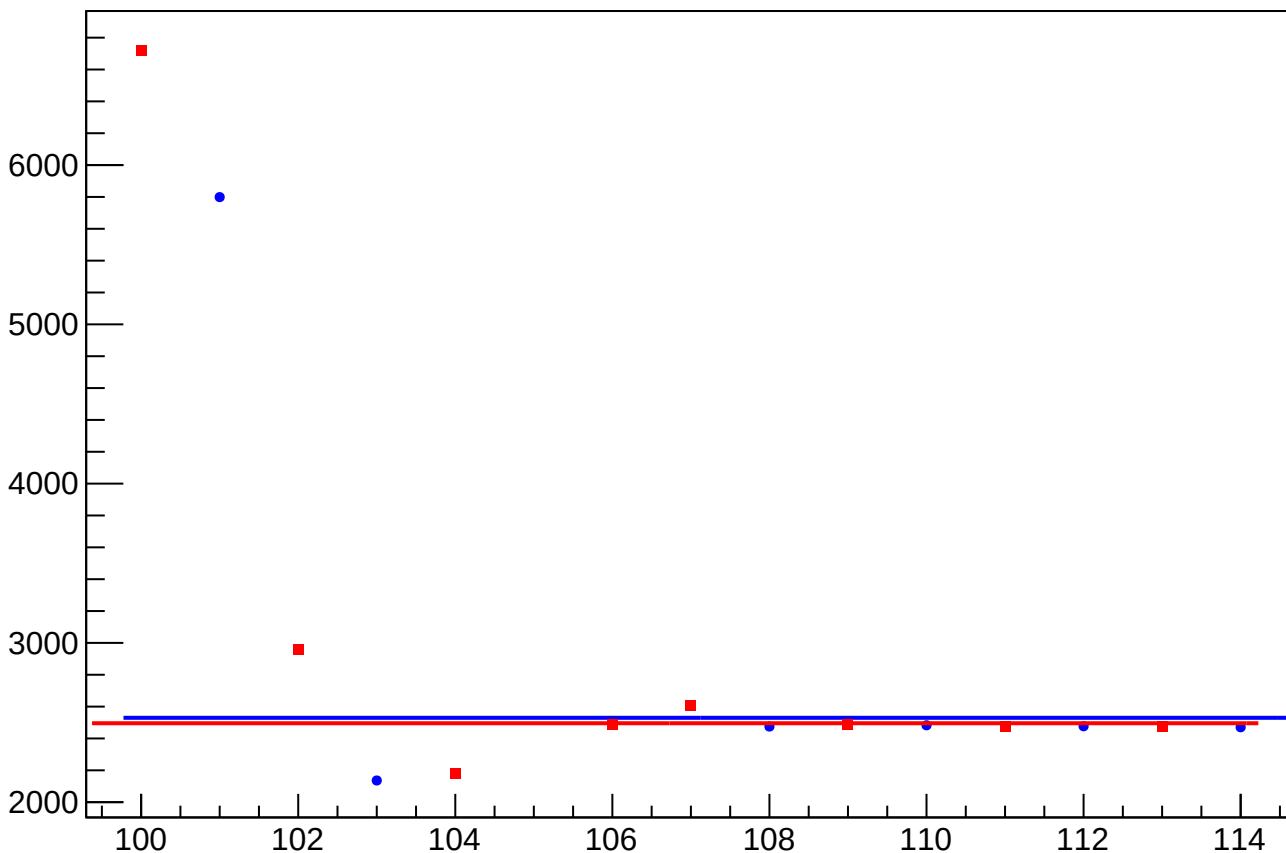
Right: 2866.470+/-1070.223 χ^2/NDF : 13.5/13

In: 3148.645+/-1627.711 χ^2/NDF : 9.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.470+/-1070.223 χ^2/NDF : 13.5/13

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

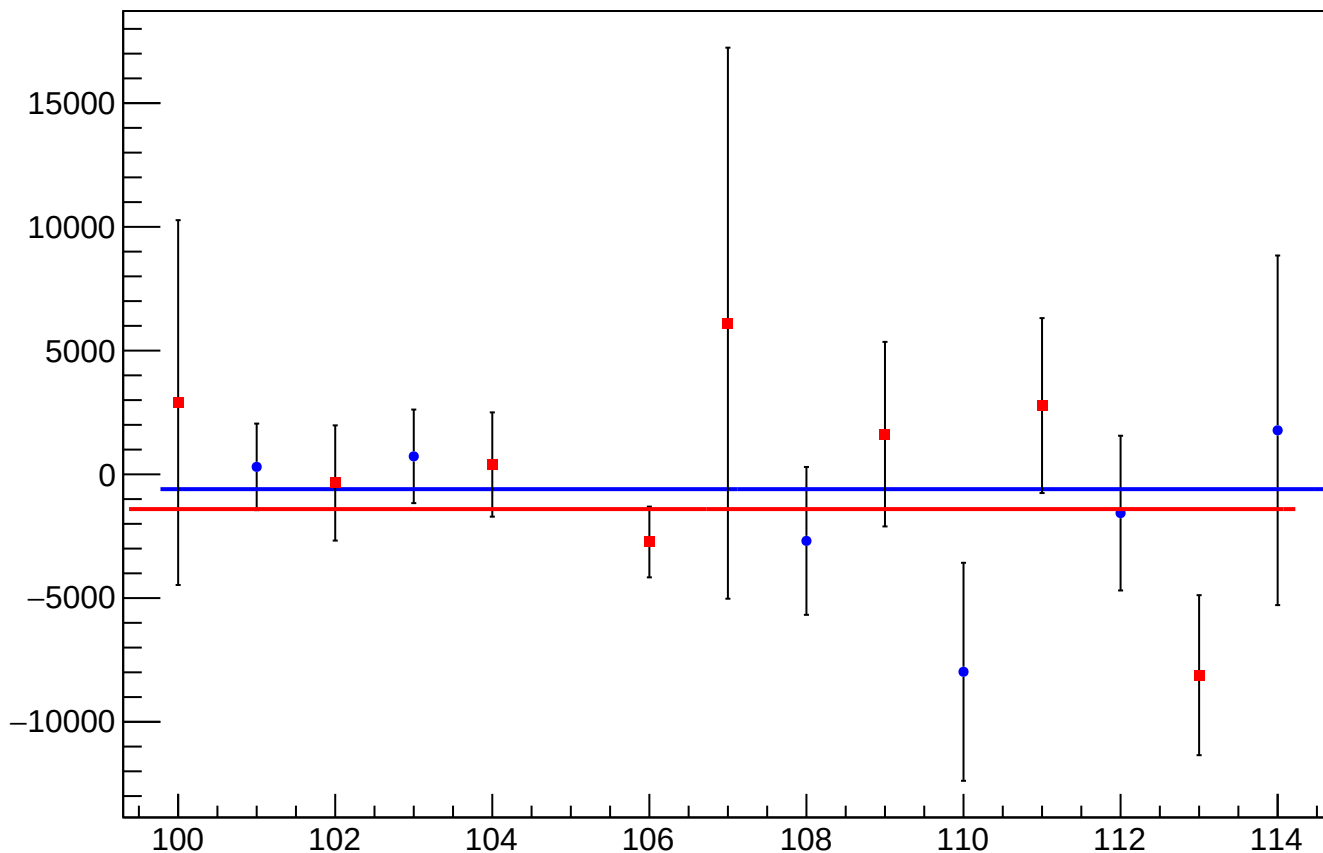
Right: 2510.355+/-0.757 χ^2/NDF : 564243.3/13

In: 2529.766+/-1.151 χ^2/NDF : 458924.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2510.355+/-0.757 χ^2/NDF : 564243.3/13

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

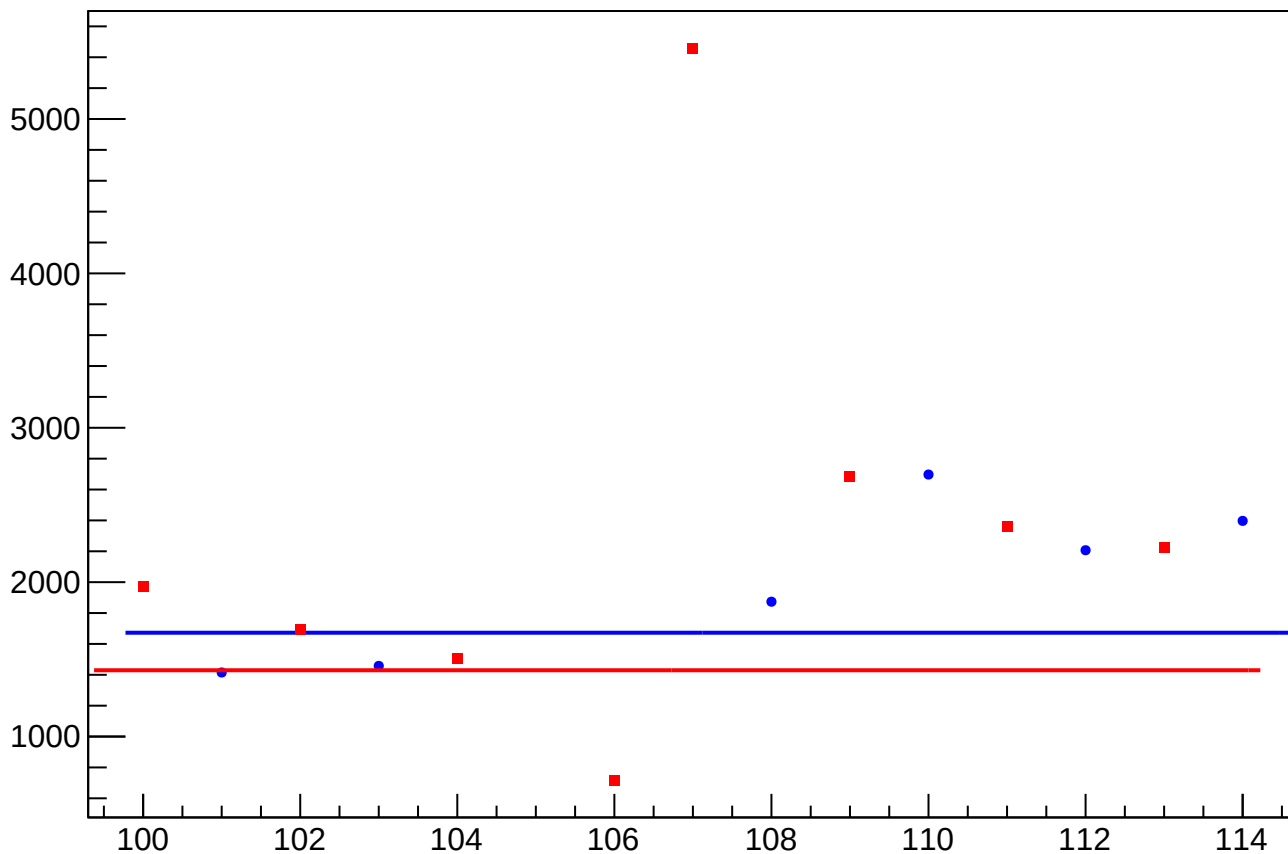
Right: -1055.636+/-695.649 χ^2/NDF : 13.6/13

In: -598.270+/-1058.144 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1055.636+/-695.649 χ^2/NDF : 13.6/13

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1672.607+/-0.748 χ^2/NDF : 265988.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1429.447+/-0.653 χ^2/NDF : 1289067.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

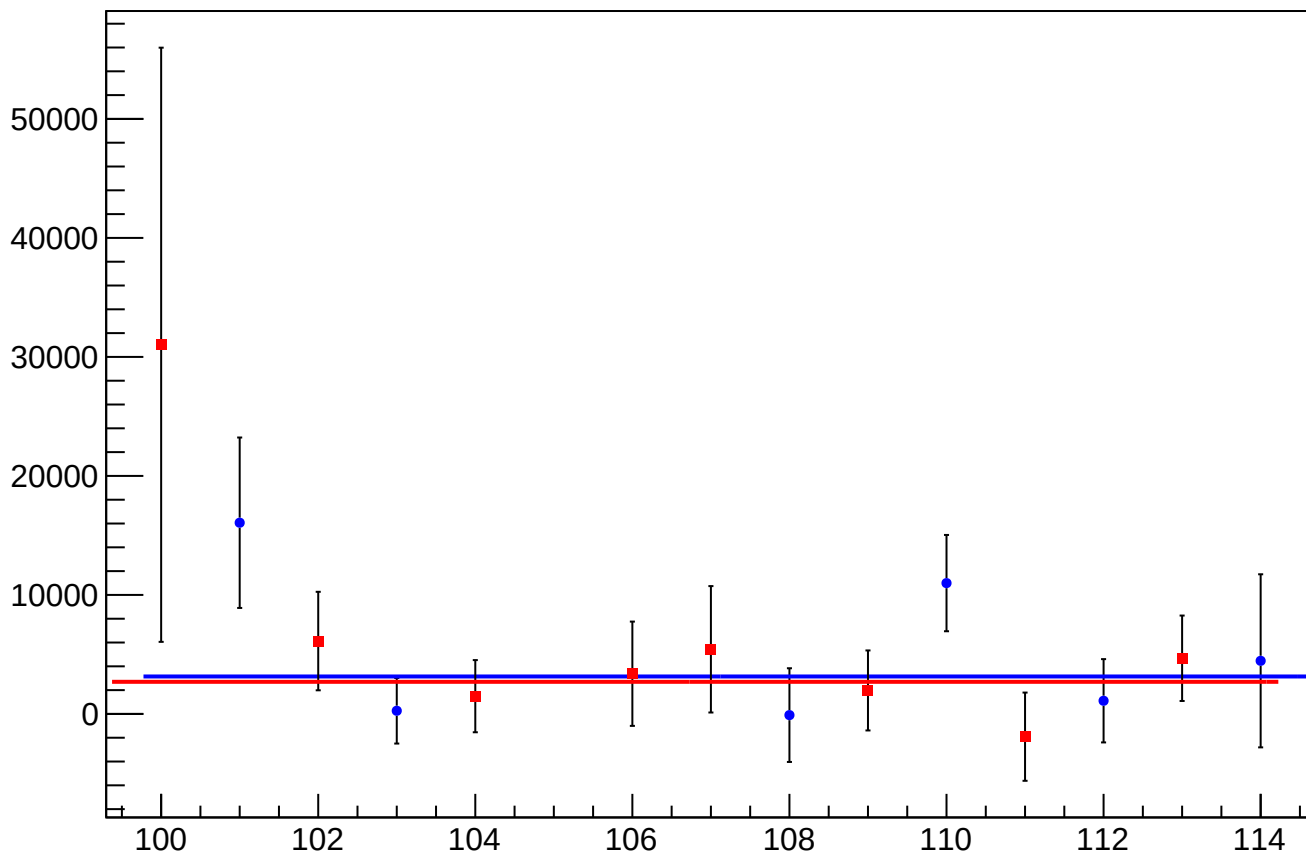
Right: 1534.542+/-0.492 χ^2/NDF : 1615023.4/13

In: 1672.607+/-0.748 χ^2/NDF : 265988.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1534.542+/-0.492 χ^2/NDF : 1615023.4/13

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

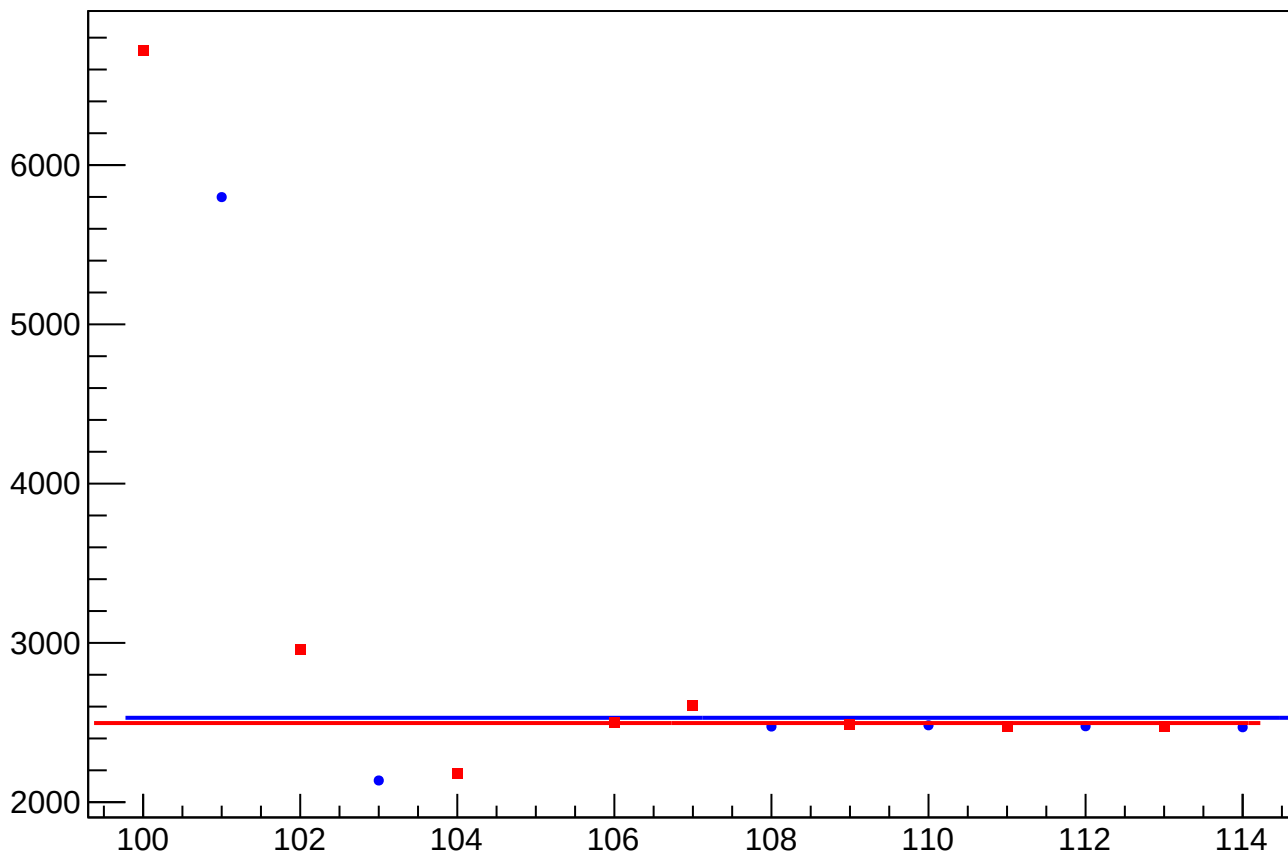
Right: 2892.671+/-1070.502 χ^2/NDF : 13.5/13

In: 3146.893+/-1627.712 χ^2/NDF : 9.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2892.671+/-1070.502 χ^2/NDF : 13.5/13

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

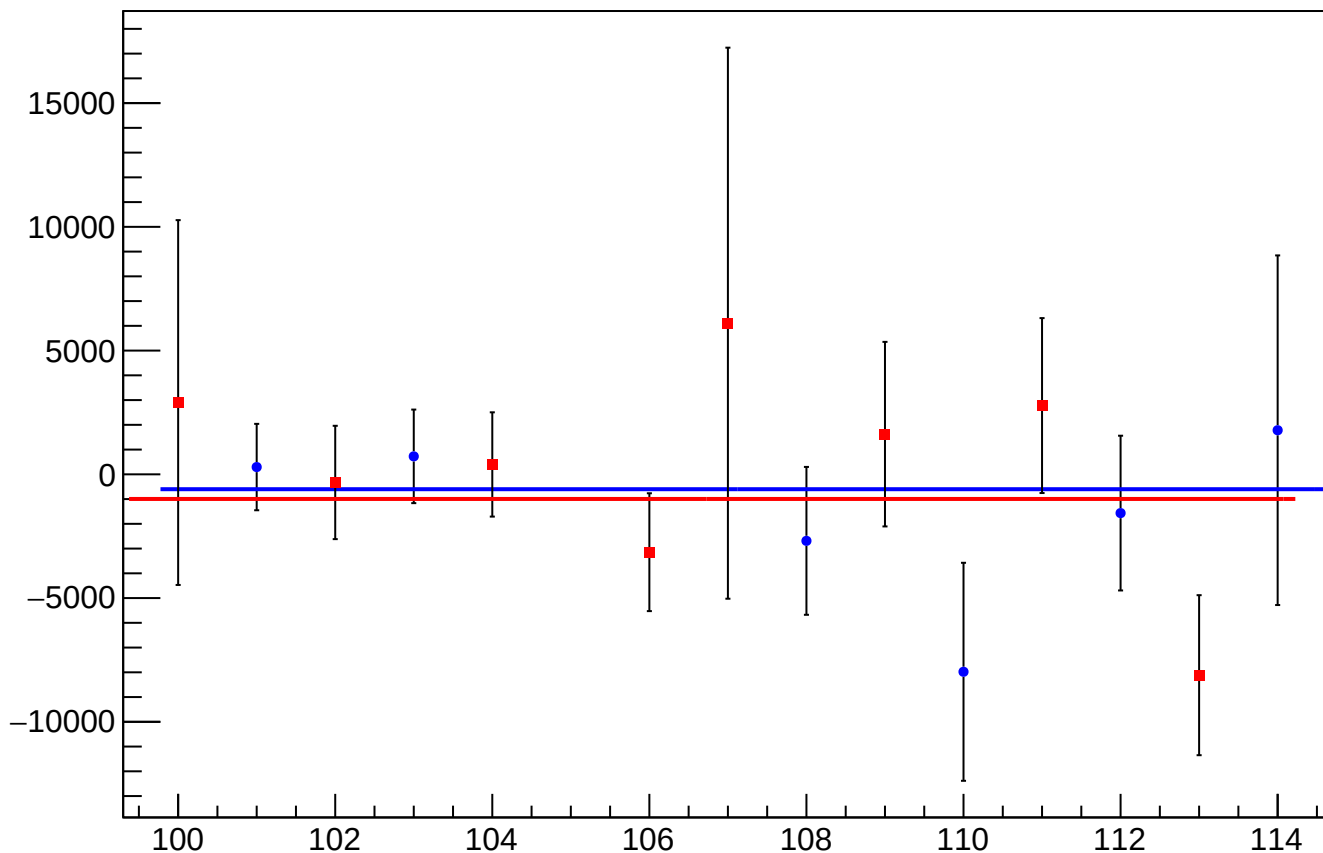
Right: 2511.006+/-0.757 χ^2/NDF : 564209.4/13

In: 2529.766+/-1.151 χ^2/NDF : 458925.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.006+/-0.757 χ^2/NDF : 564209.4/13

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

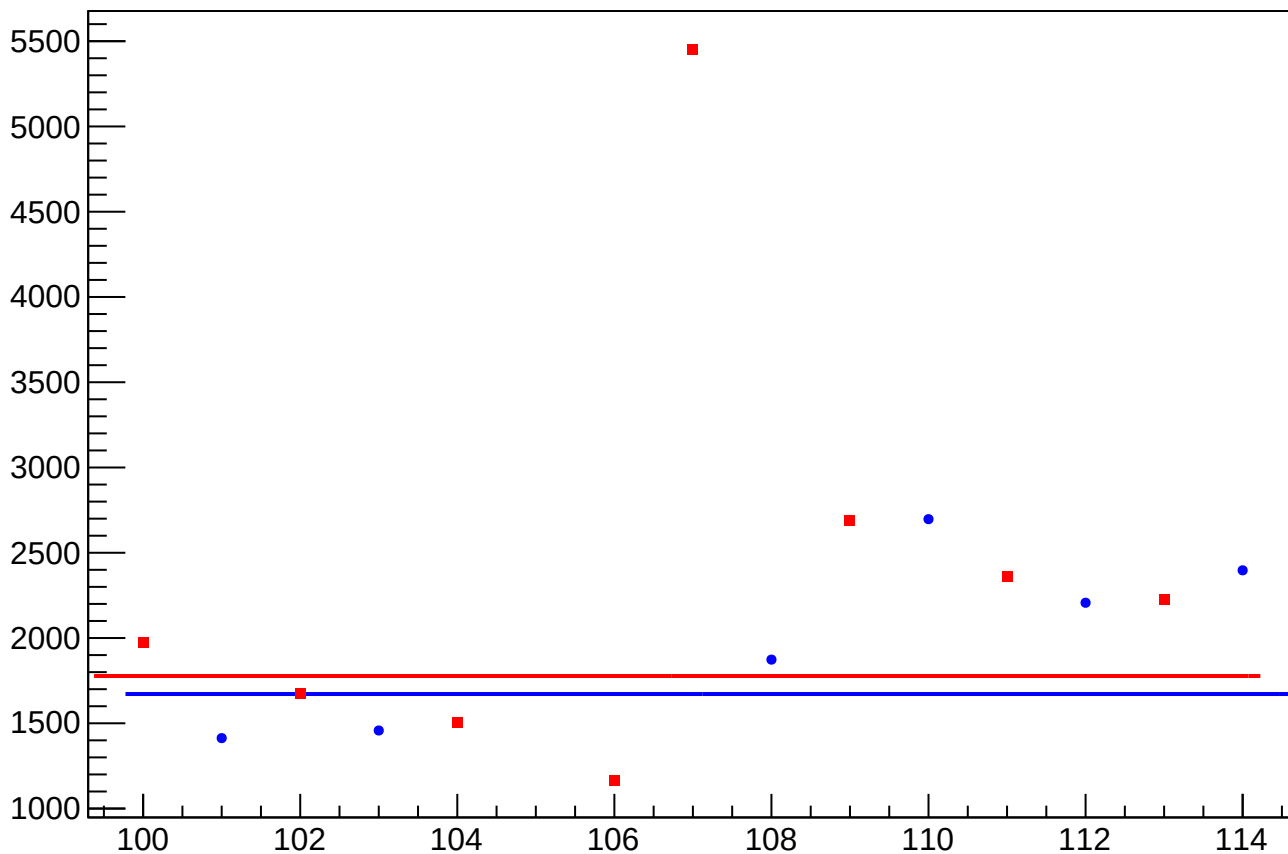
Right: -794.939+/-753.654 χ^2/NDF : 12.8/13

In: -600.902+/-1057.603 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -794.939+/-753.654 χ^2/NDF : 12.8/13

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

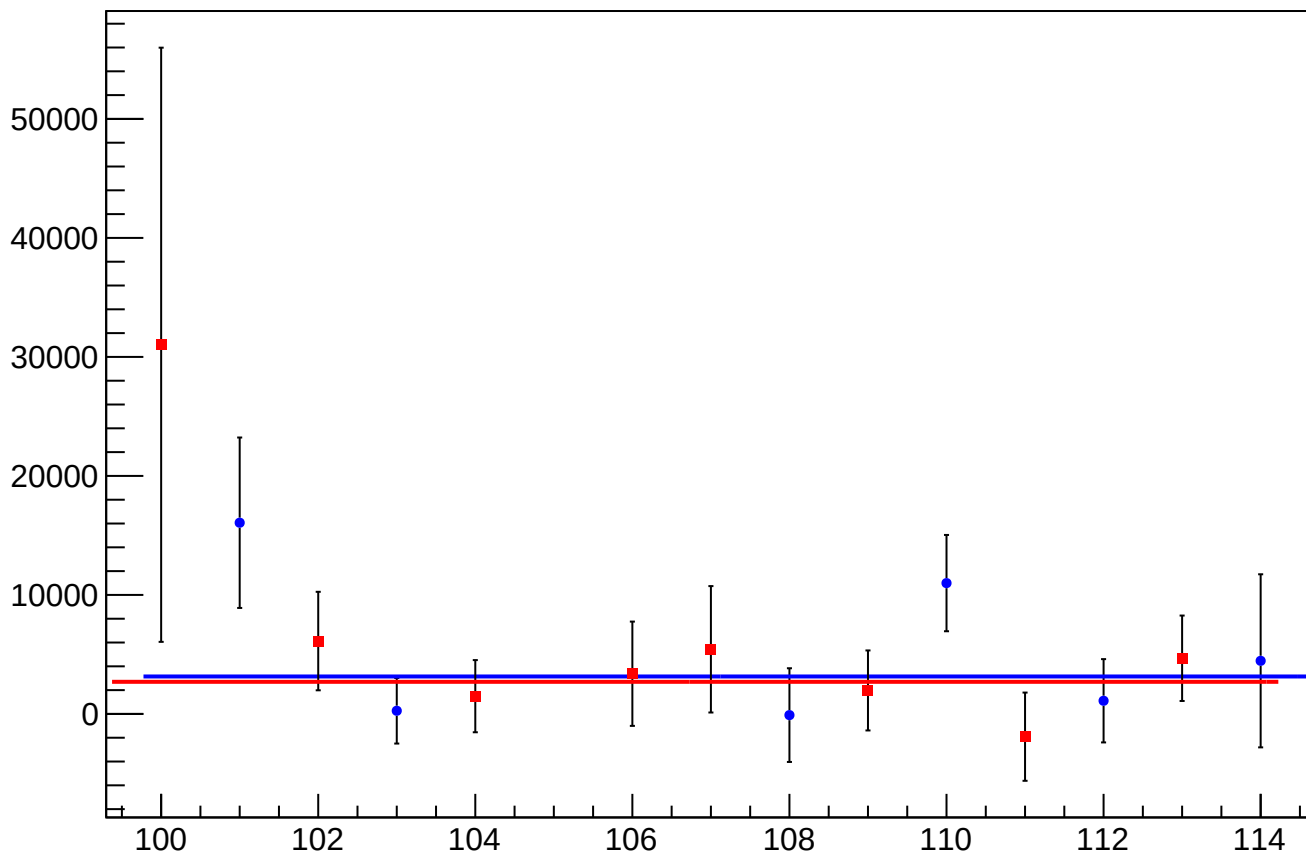
Right: 1723.651+/-0.533 χ^2/NDF : 877795.7/13

In: 1671.650+/-0.748 χ^2/NDF : 266755.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.651+/-0.533 χ^2/NDF : 877795.7/13

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

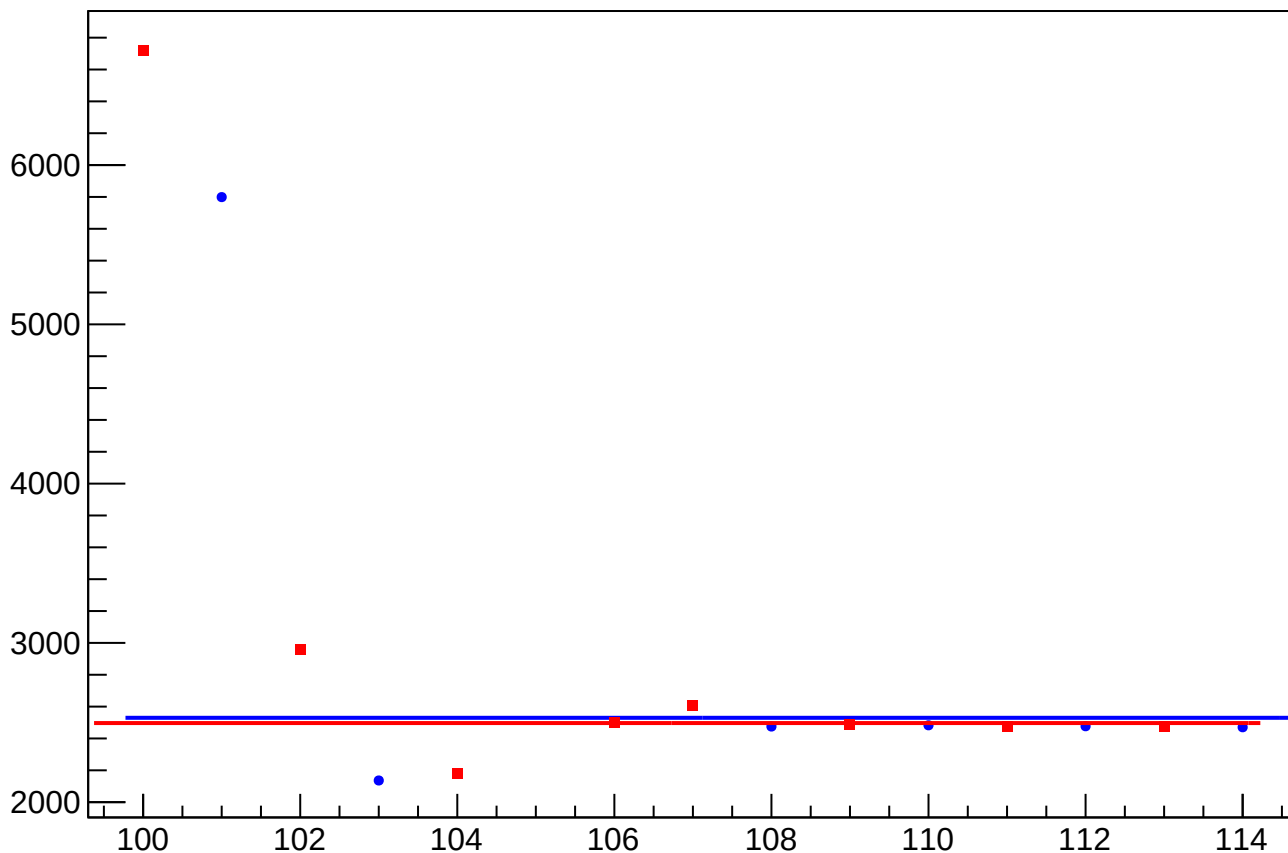
Right: 2892.671+/-1070.502 χ^2/NDF : 13.5/13

In: 3146.893+/-1627.712 χ^2/NDF : 9.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2892.671+/-1070.502 χ^2/NDF : 13.5/13

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

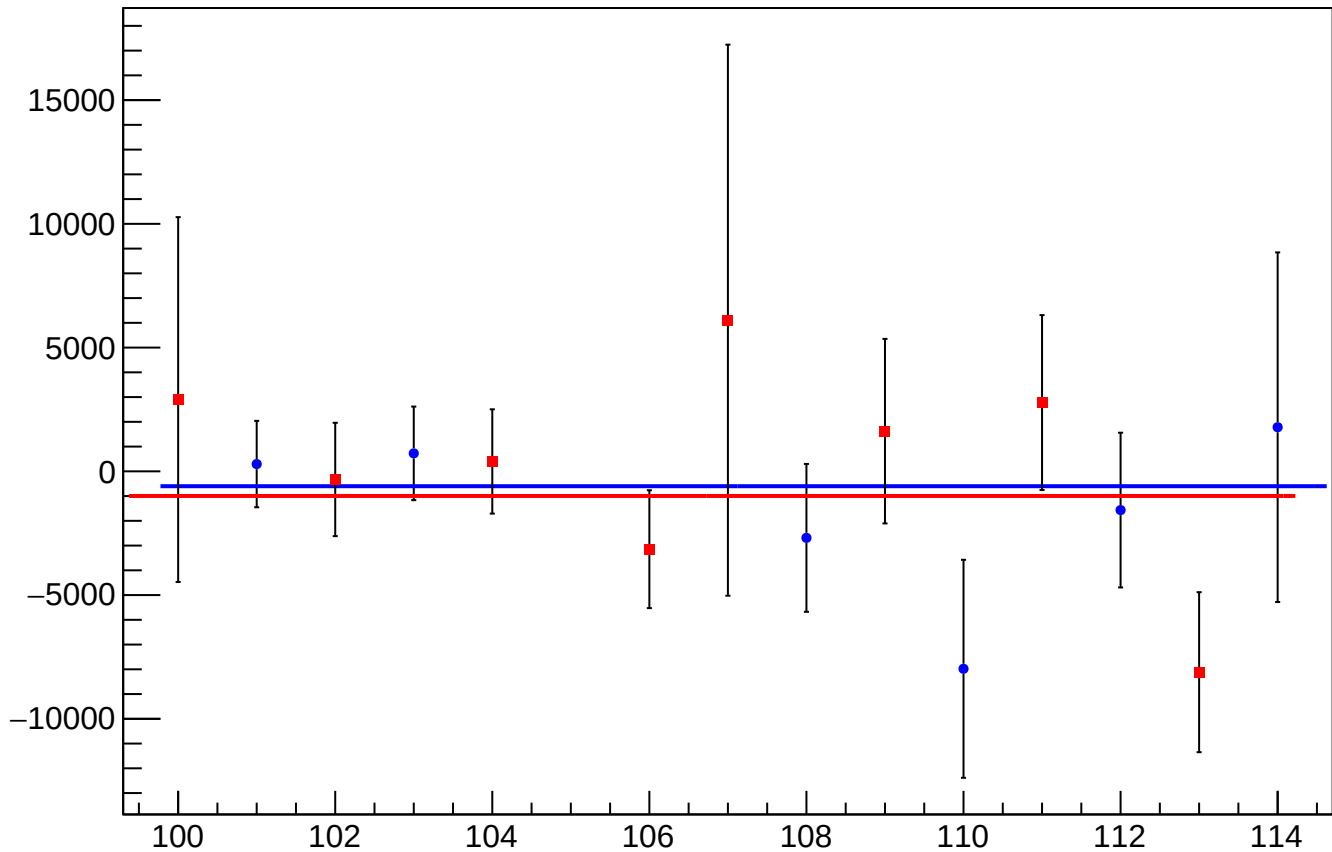
Right: 2511.006+/-0.757 χ^2/NDF : 564209.4/13

In: 2529.766+/-1.151 χ^2/NDF : 458925.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.006+/-0.757 χ^2/NDF : 564209.4/13

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

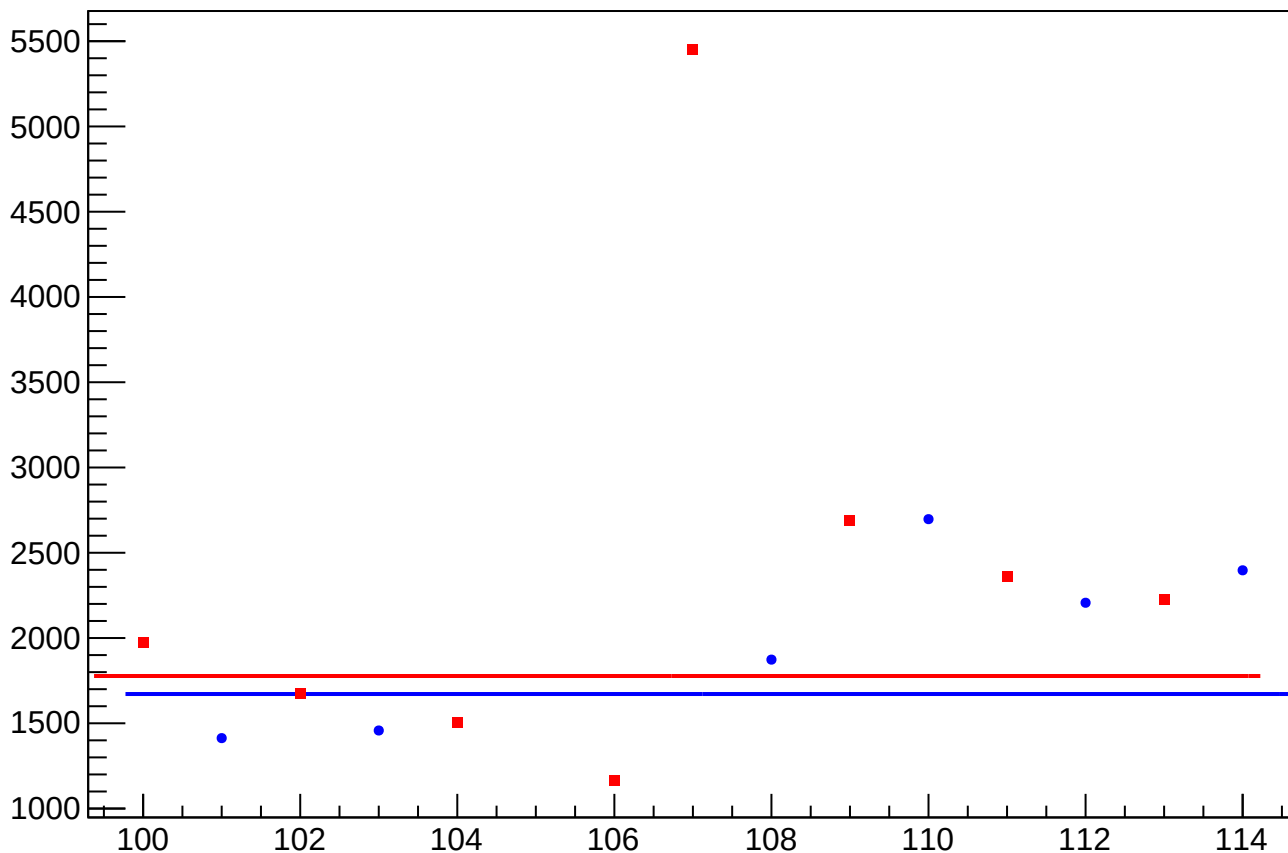
Right: -794.939+/-753.654 χ^2/NDF : 12.8/13

In: -600.902+/-1057.603 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -794.939+/-753.654 χ^2/NDF : 12.8/13

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

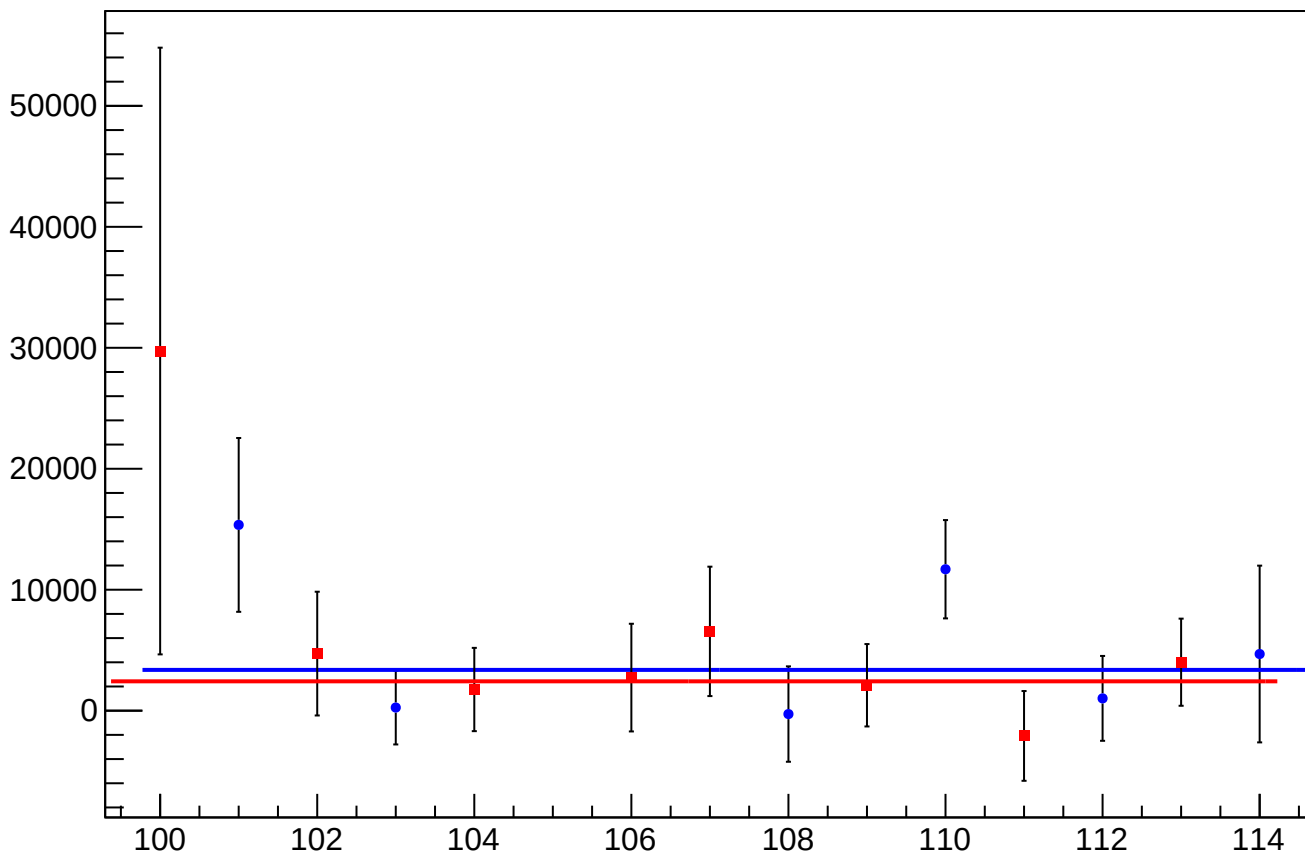
Right: 1723.651+/-0.533 χ^2/NDF : 877795.7/13

In: 1671.650+/-0.748 χ^2/NDF : 266755.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.651+/-0.533 χ^2/NDF : 877795.7/13

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3371.876+/-1686.193 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2426.460+/-1498.088 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

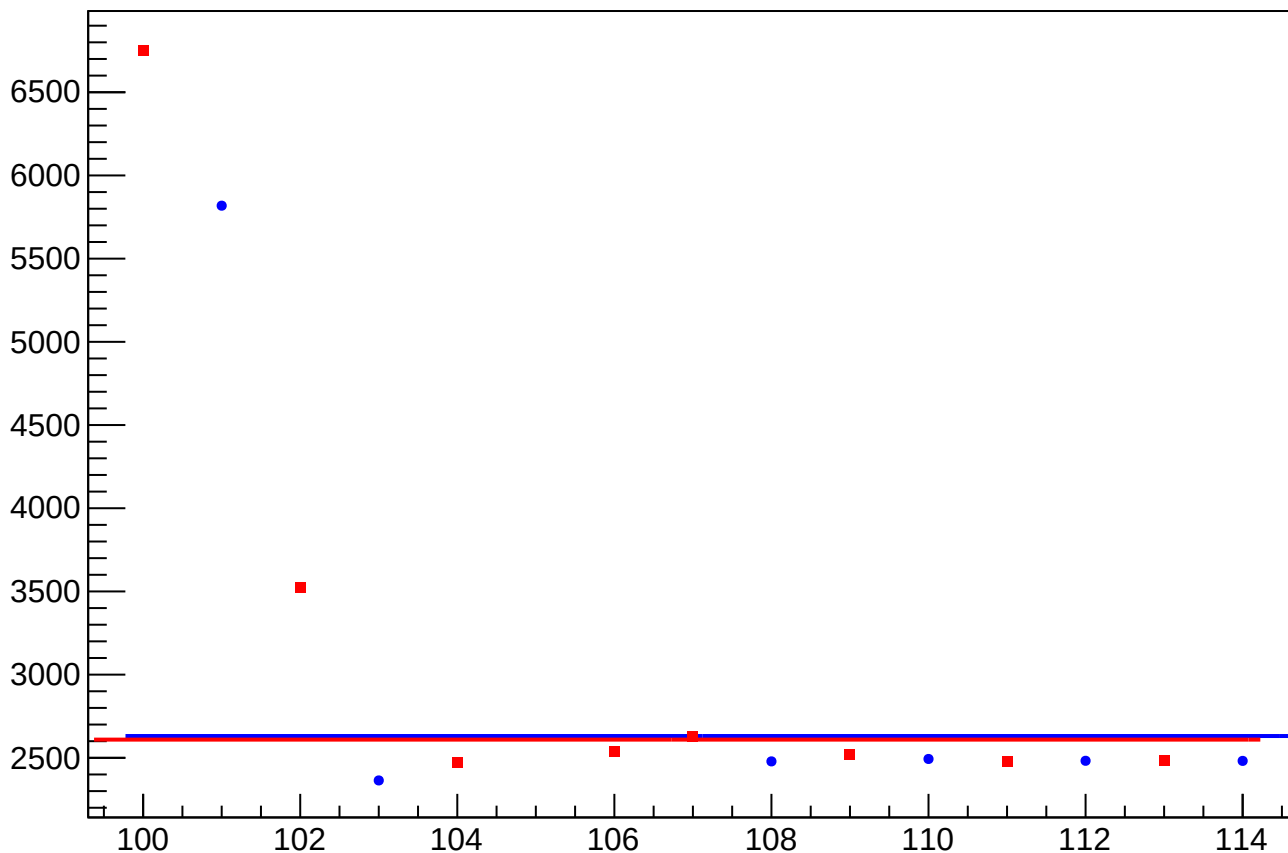
Right: 2843.513+/-1119.932 χ^2/NDF : 13.2/13

In: 3371.876+/-1686.193 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.513+/-1119.932 χ^2/NDF : 13.2/13

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2631.065+/-1.192 χ^2/NDF : 418553.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2609.468+/-1.059 χ^2/NDF : 127990.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

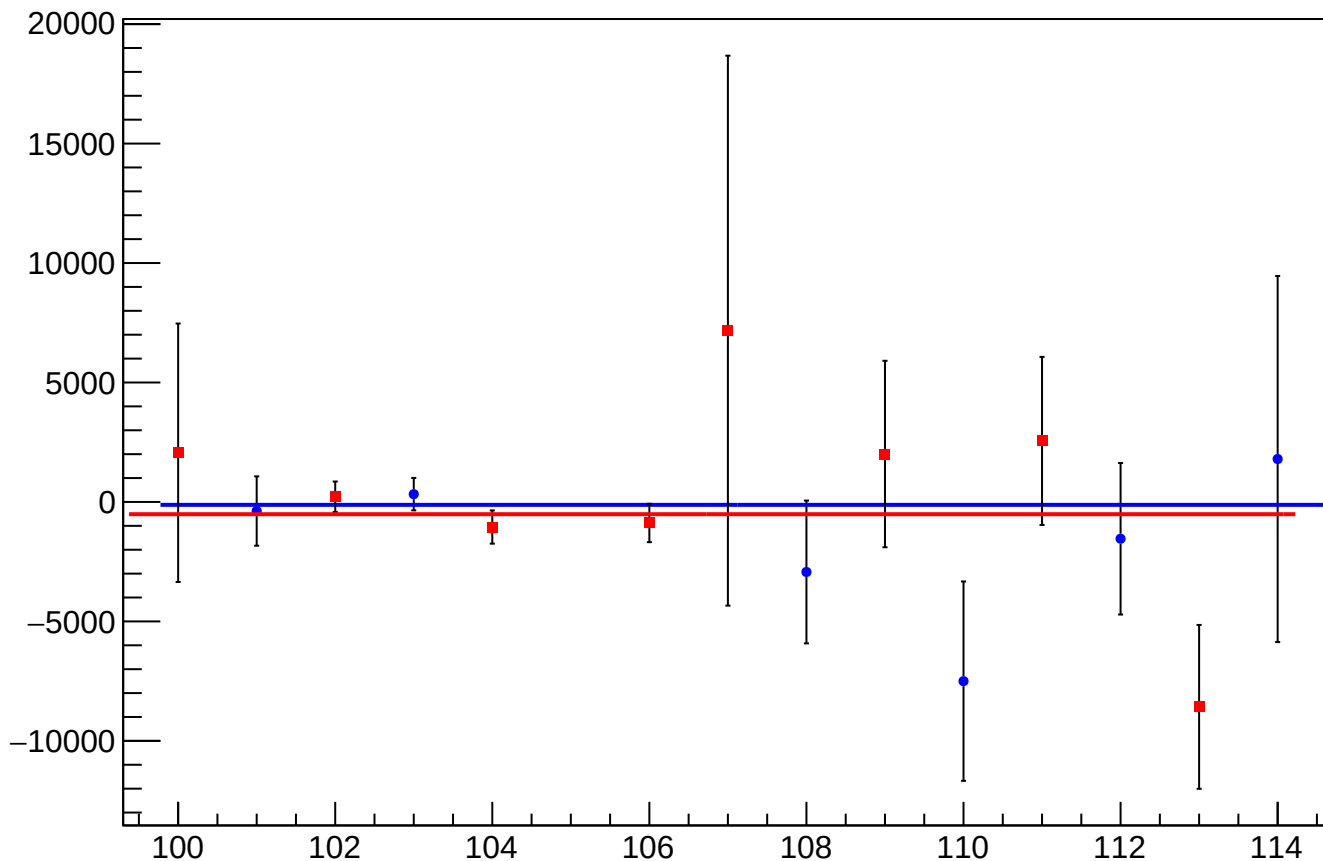
Right: 2618.995+/-0.792 χ^2/NDF : 546727.3/13

In: 2631.065+/-1.192 χ^2/NDF : 418553.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2618.995+/-0.792 χ^2/NDF : 546727.3/13

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -120.947+/-584.538 χ^2/NDF : 4.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -512.734+/-396.364 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

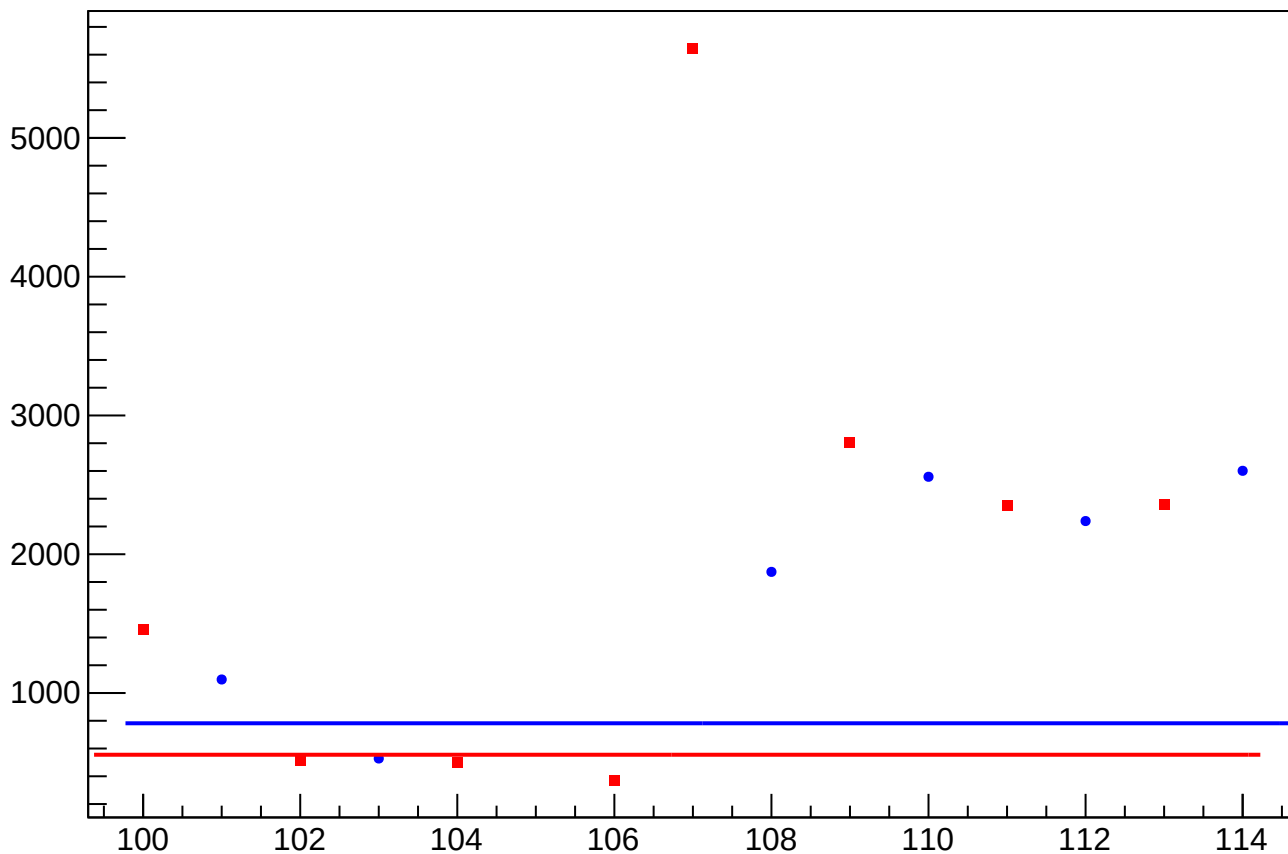
Right: -389.332+/-328.056 χ^2/NDF : 14.6/13

In: -120.947+/-584.538 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.332+/-328.056 χ^2/NDF : 14.6/13

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 781.890+/-0.413 χ^2/NDF : 1537437.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.144+/-0.280 χ^2/NDF : 2316440.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

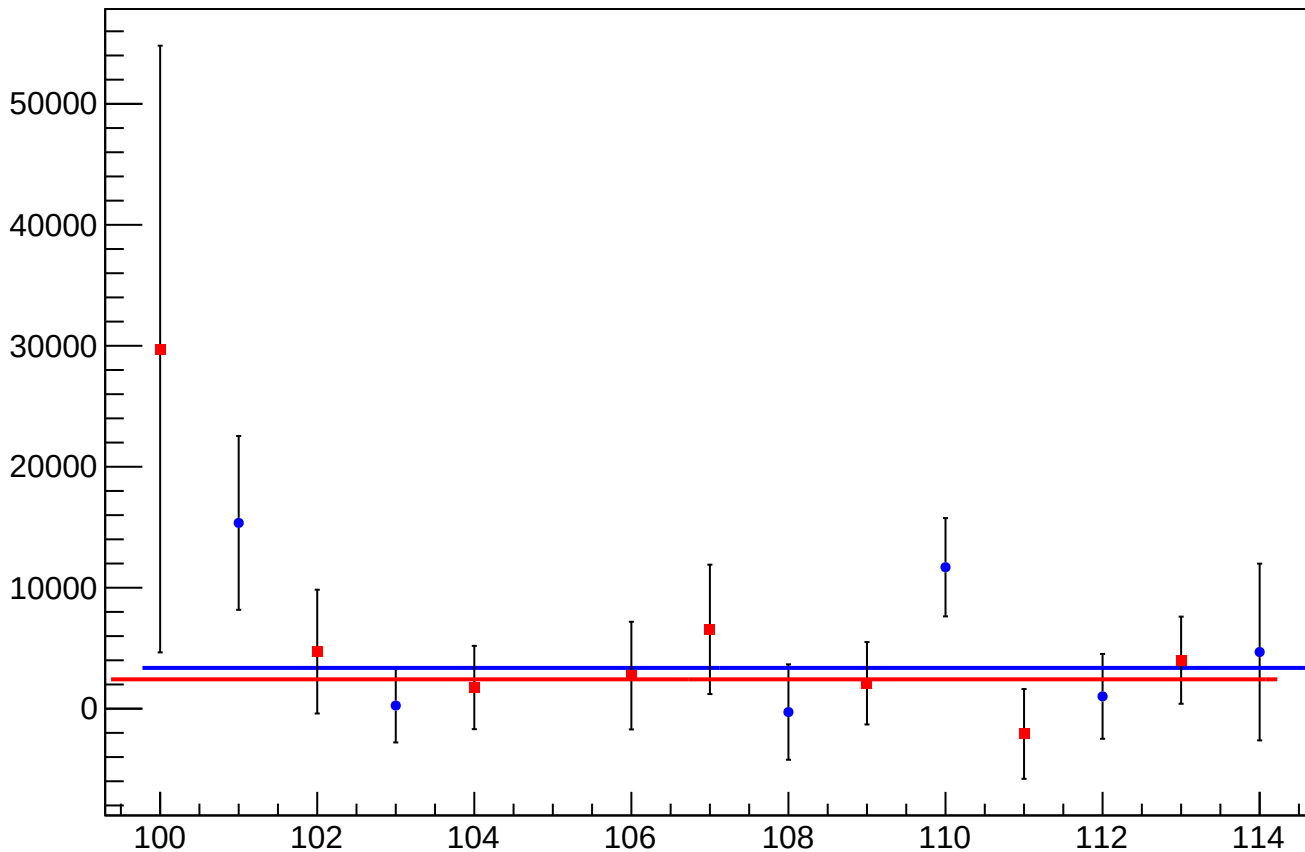
Right: 626.563+/-0.232 χ^2/NDF : 4060031.5/13

In: 781.890+/-0.413 χ^2/NDF : 1537437.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.563+/-0.232 χ^2/NDF : 4060031.5/13

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3371.872+/-1686.192 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2426.455+/-1498.087 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

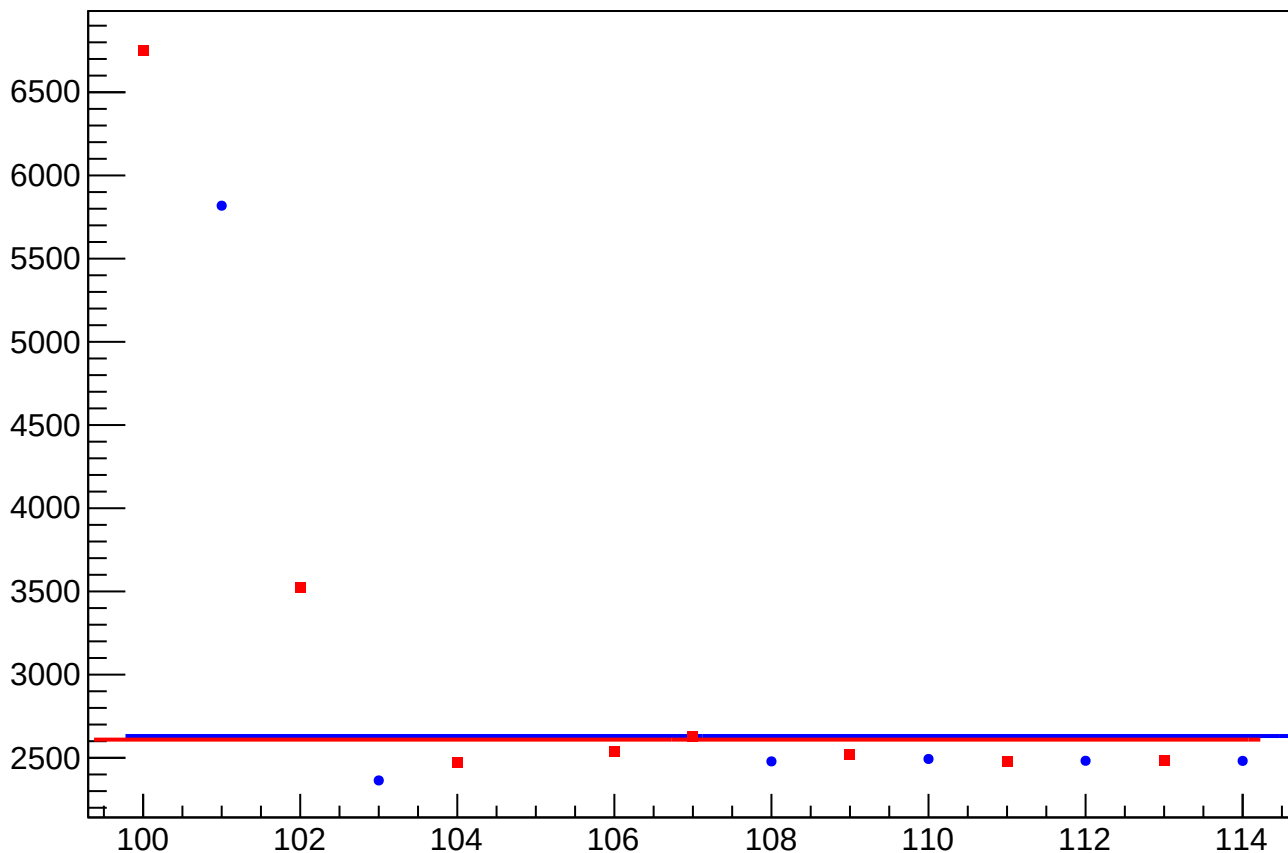
Right: 2843.509+/-1119.932 χ^2/NDF : 13.2/13

In: 3371.872+/-1686.192 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.509+/-1119.932 χ^2/NDF : 13.2/13

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

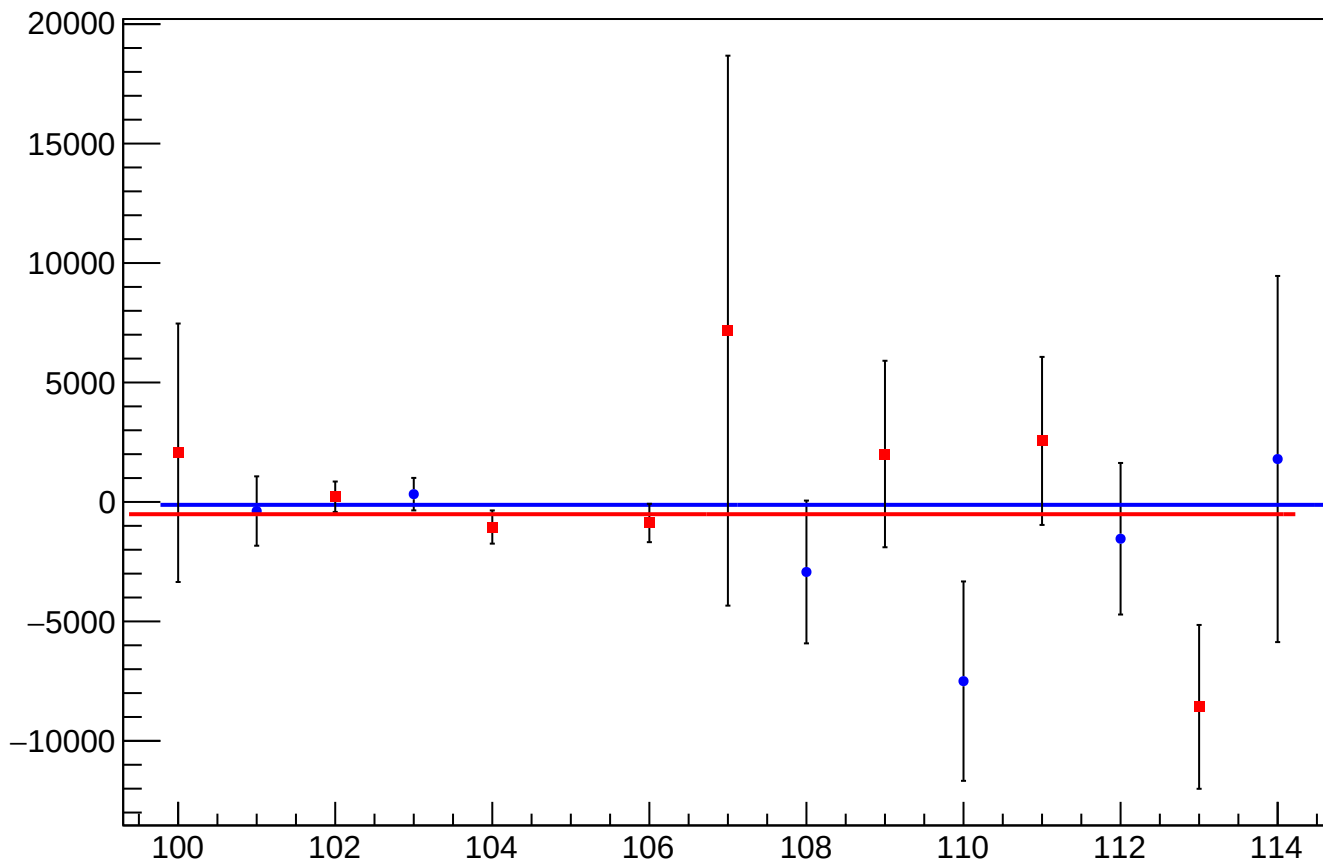
Right: 2618.993+/-0.792 χ^2/NDF : 546727.5/13

In: 2631.063+/-1.192 χ^2/NDF : 418554.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2618.993+/-0.792 χ^2/NDF : 546727.5/13

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

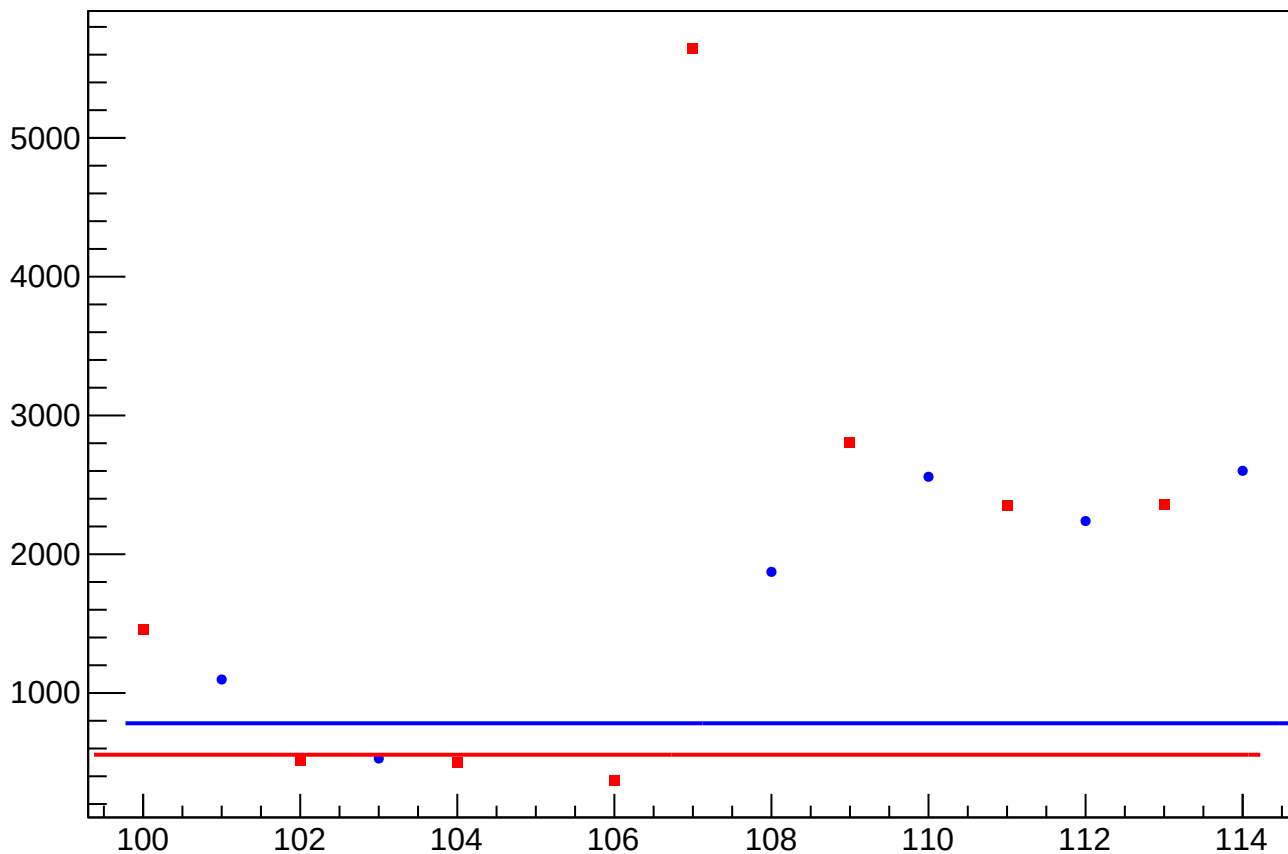
Right: -389.340+/-328.061 χ^2/NDF : 14.6/13

In: -120.960+/-584.543 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.340+/-328.061 χ^2/NDF : 14.6/13

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 781.899+/-0.413 χ^2/NDF : 1537417.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.156+/-0.280 χ^2/NDF : 2316407.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

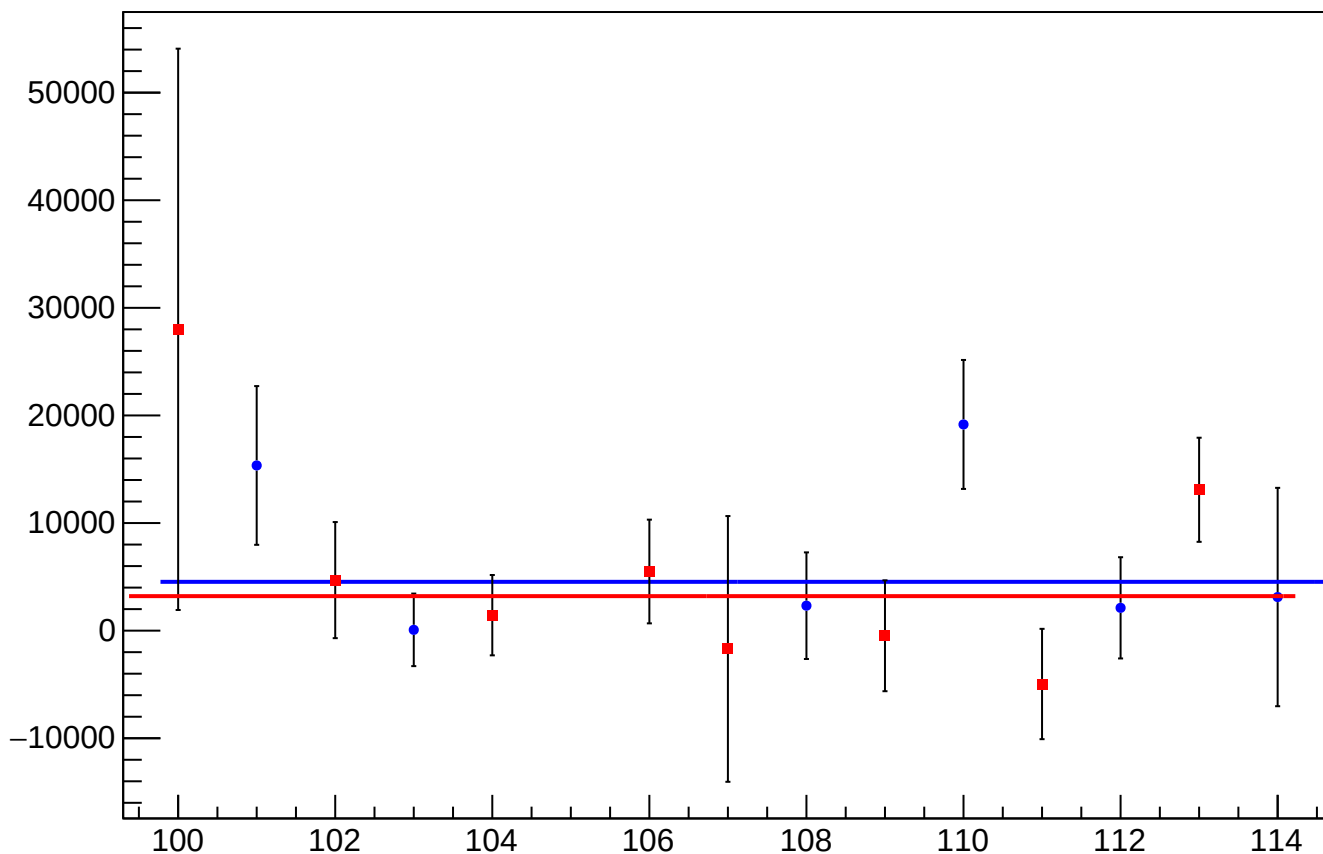
Right: 626.574+/-0.232 χ^2/NDF : 4059970.5/13

In: 781.899+/-0.413 χ^2/NDF : 1537417.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.574+/-0.232 χ^2/NDF : 4059970.5/13

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

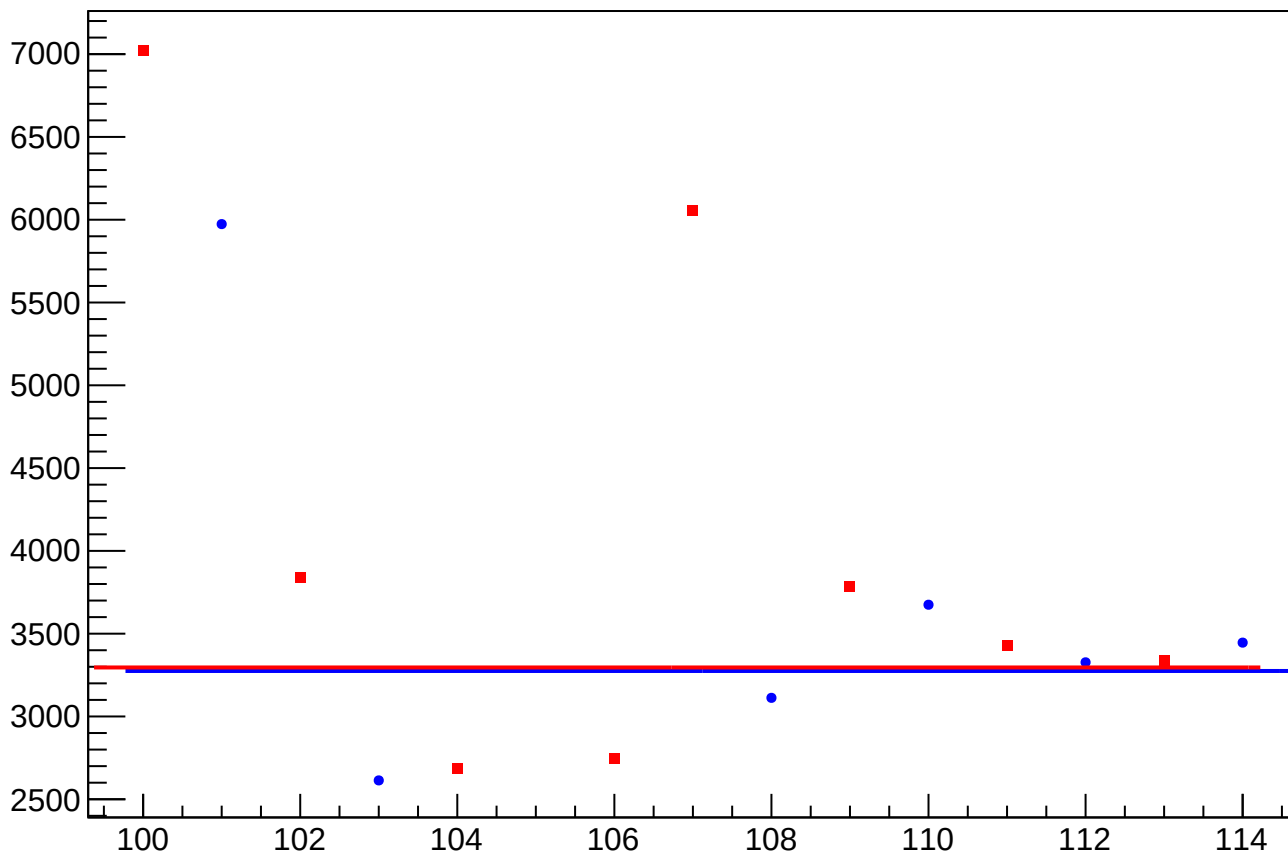
Right: 3811.637+/-1406.440 χ^2/NDF : 19.4/13

In: 4536.577+/-2085.666 χ^2/NDF : 10.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3811.637+/-1406.440 χ^2/NDF : 19.4/13

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

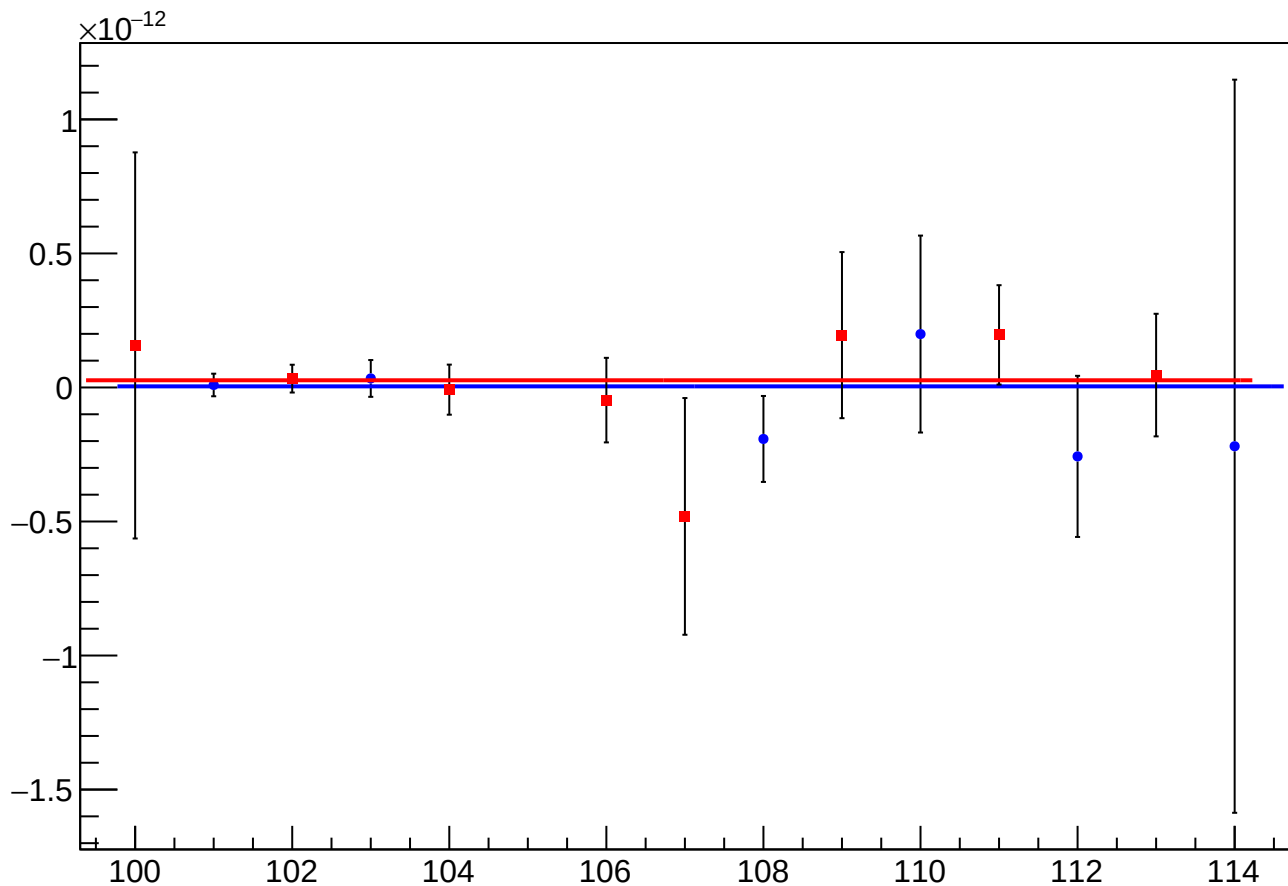
Right: 3286.286+/-0.994 χ^2/NDF : 615837.7/13

In: 3274.724+/-1.475 χ^2/NDF : 356518.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.286+/-0.994 χ^2/NDF : 615837.7/13

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

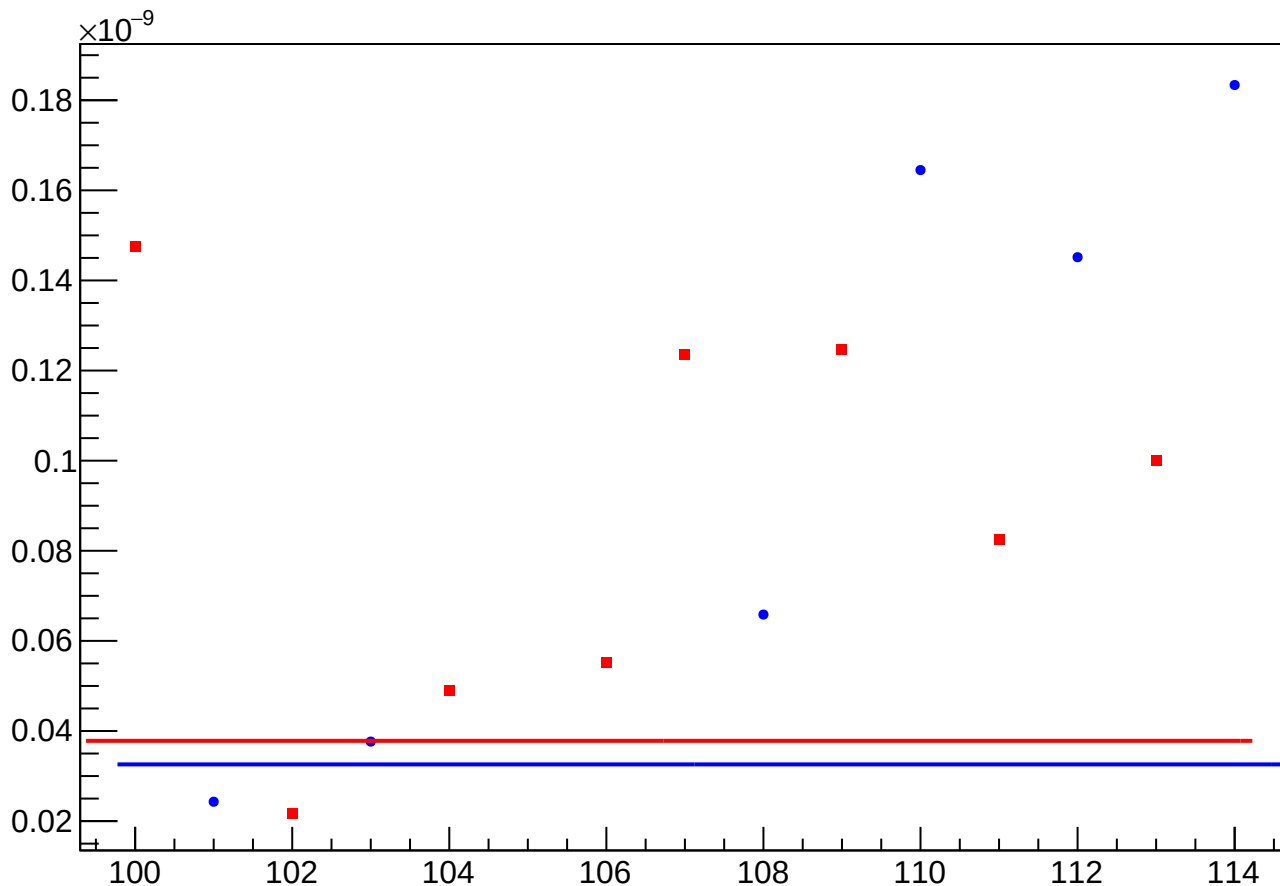
Right: 0.000+/-0.000 χ^2/NDF : 5.8/13

In: 0.000+/-0.000 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.8/13

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

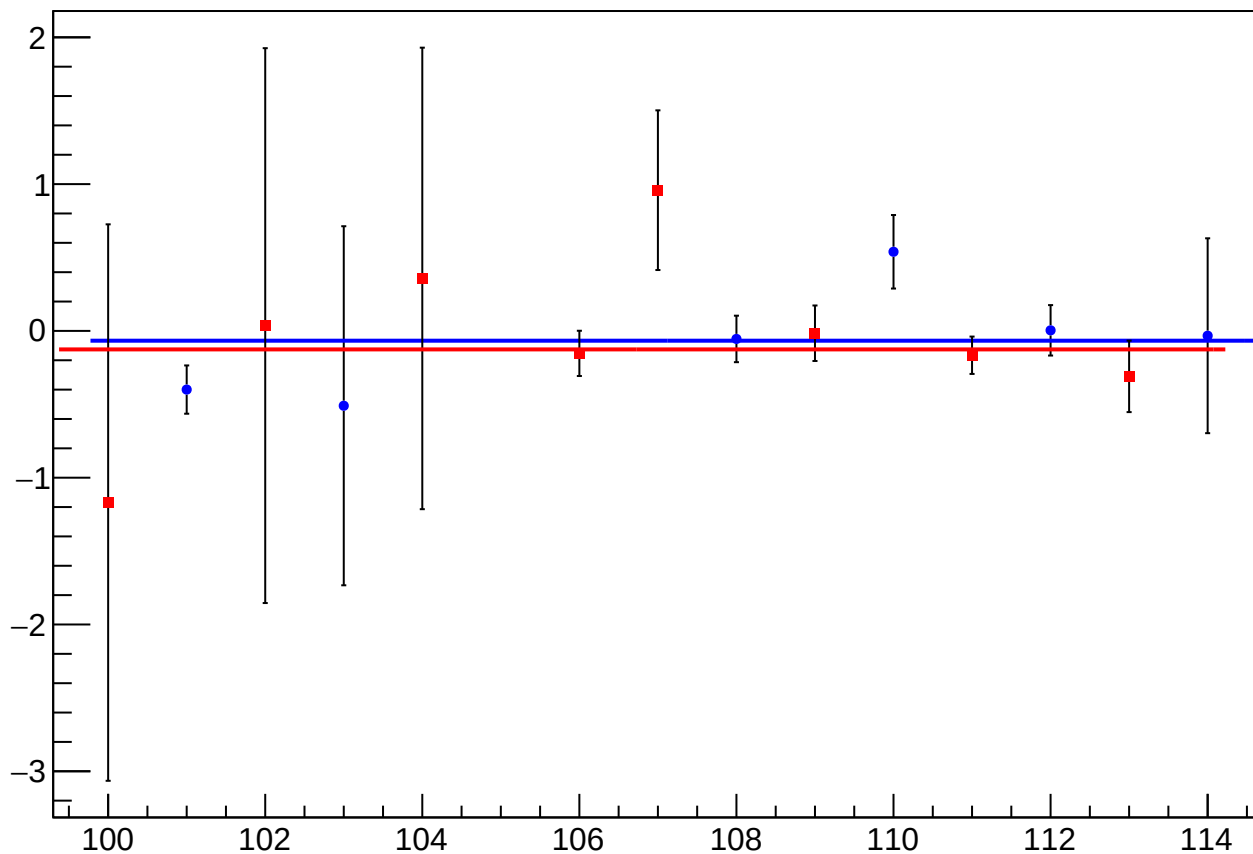
Right: 0.000+/-0.000 χ^2/NDF : 1545637.8/13

In: 0.000+/-0.000 χ^2/NDF : 737107.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1545637.8/13

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

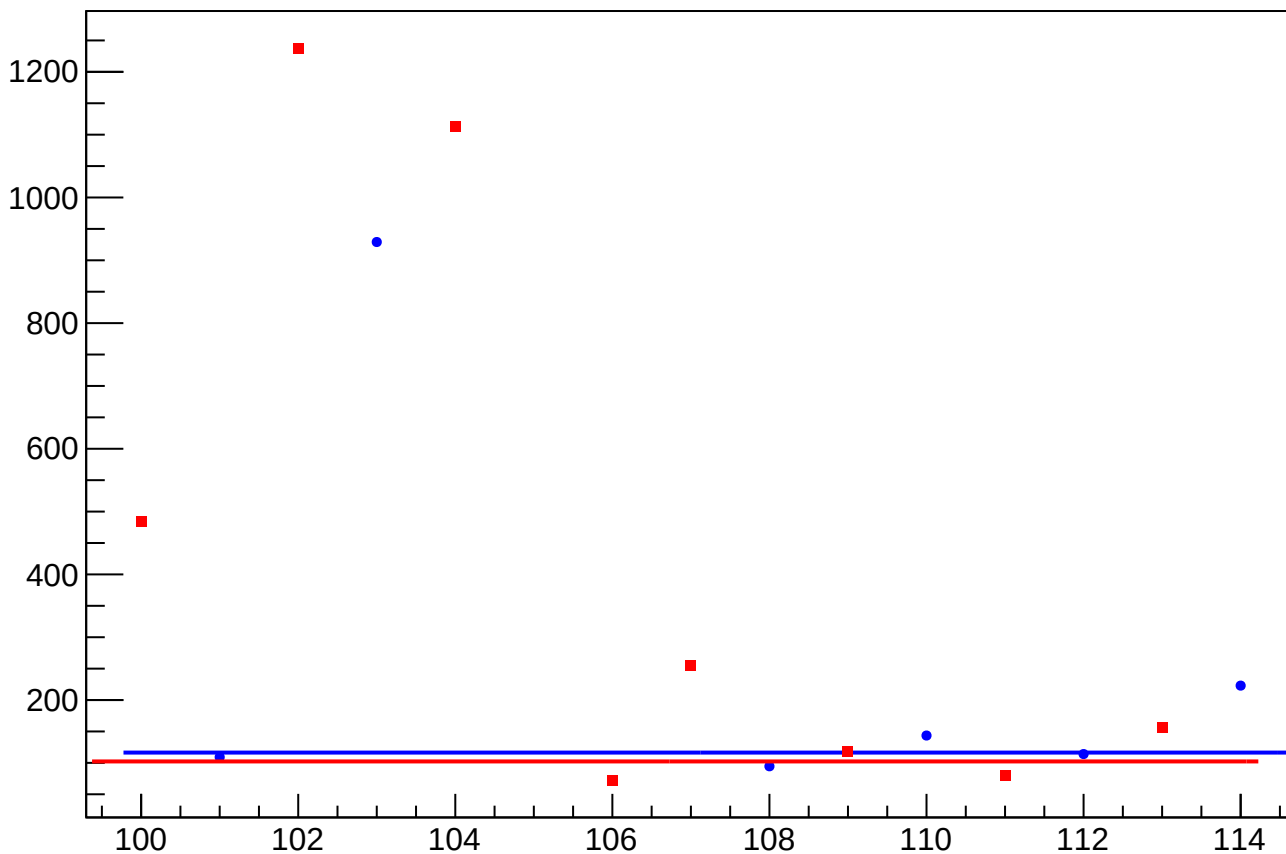
Right: -0.099 $\pm$ 0.059 χ^2 /NDF: 15.9/13

In: -0.067 $\pm$ 0.088 χ^2 /NDF:10.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.099 $\pm$ 0.059 χ^2 /NDF: 15.9/13

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.380+/-0.062 χ^2/NDF : 1000417.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.271+/-0.057 χ^2/NDF : 2046615.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

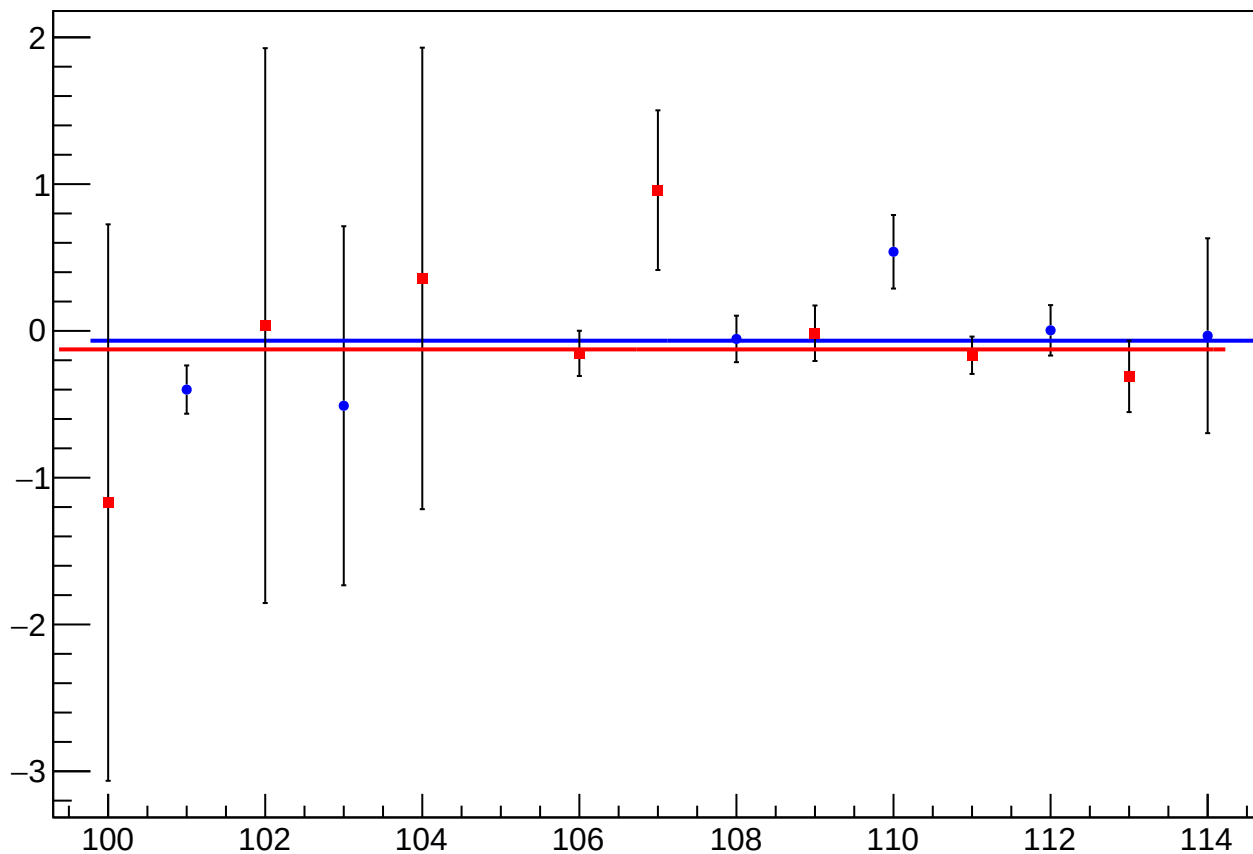
Right: 108.740+/-0.042 χ^2/NDF : 3074975.4/13

In: 116.380+/-0.062 χ^2/NDF : 1000417.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.740+/-0.042 χ^2/NDF : 3074975.4/13

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

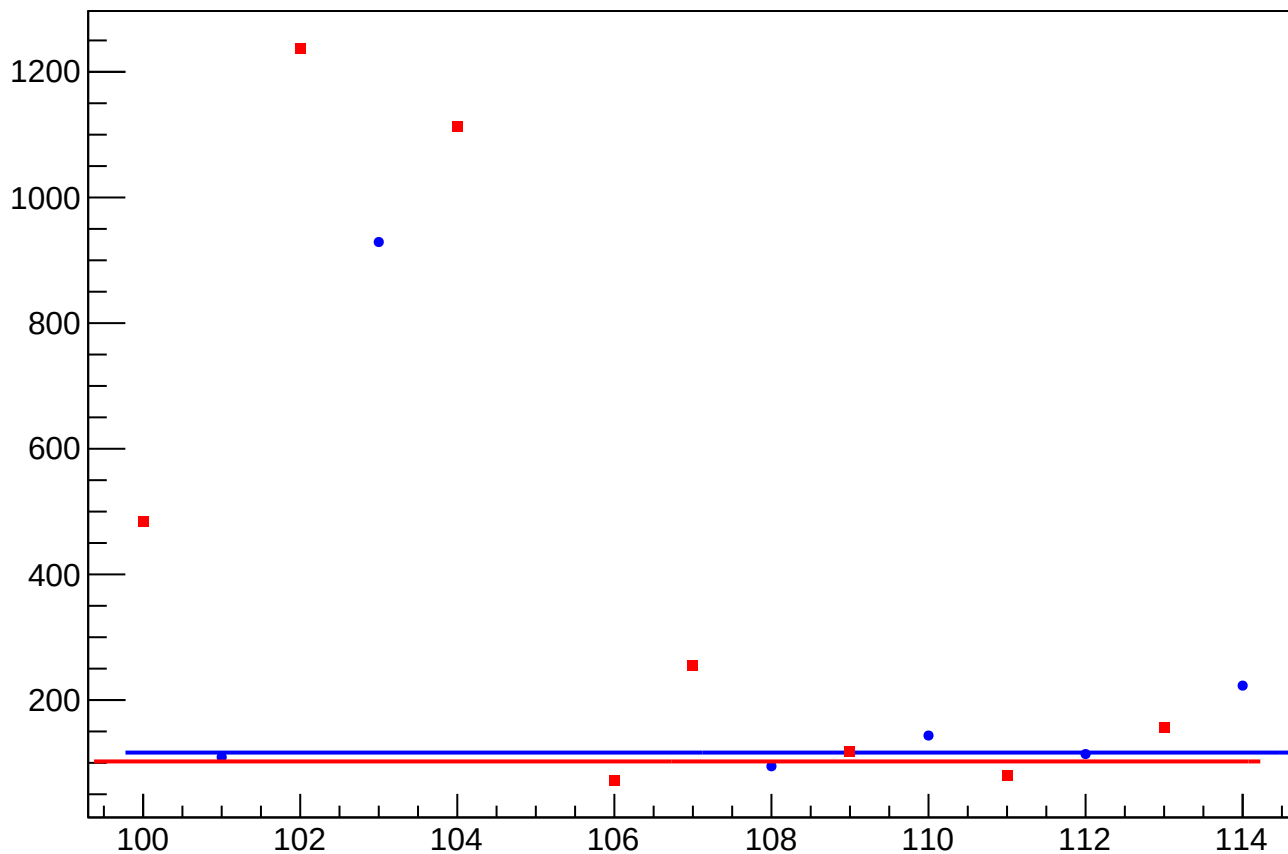
Right: -0.099+/-0.059 χ^2/NDF : 15.9/13

In: -0.067+/-0.088 χ^2/NDF :10.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.099+/-0.059 χ^2/NDF : 15.9/13

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.380+/-0.062 χ^2/NDF : 1000417.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.271+/-0.057 χ^2/NDF : 2046615.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

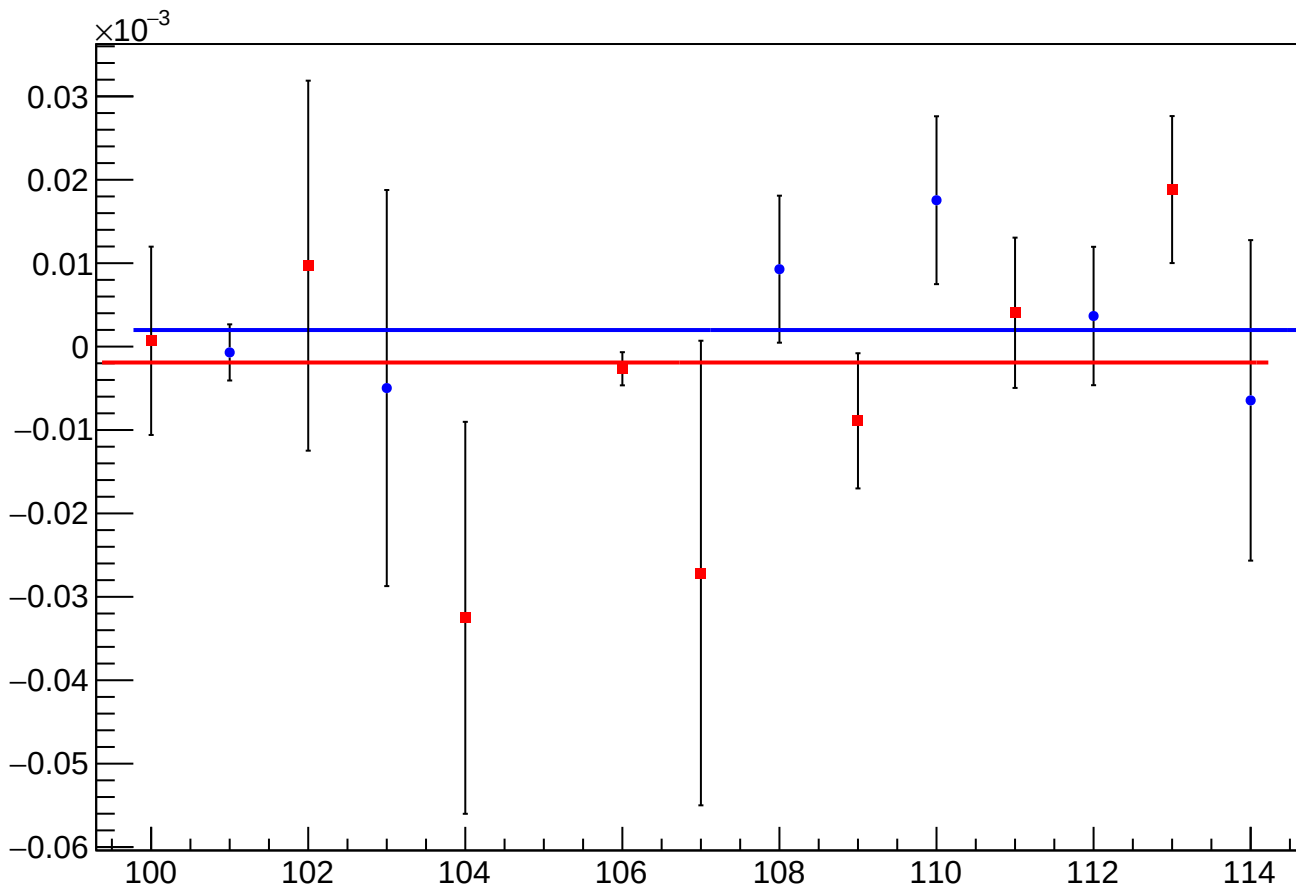
Right: 108.740+/-0.042 χ^2/NDF : 3074975.4/13

In: 116.380+/-0.062 χ^2/NDF : 1000417.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.740+/-0.042 χ^2/NDF : 3074975.4/13

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

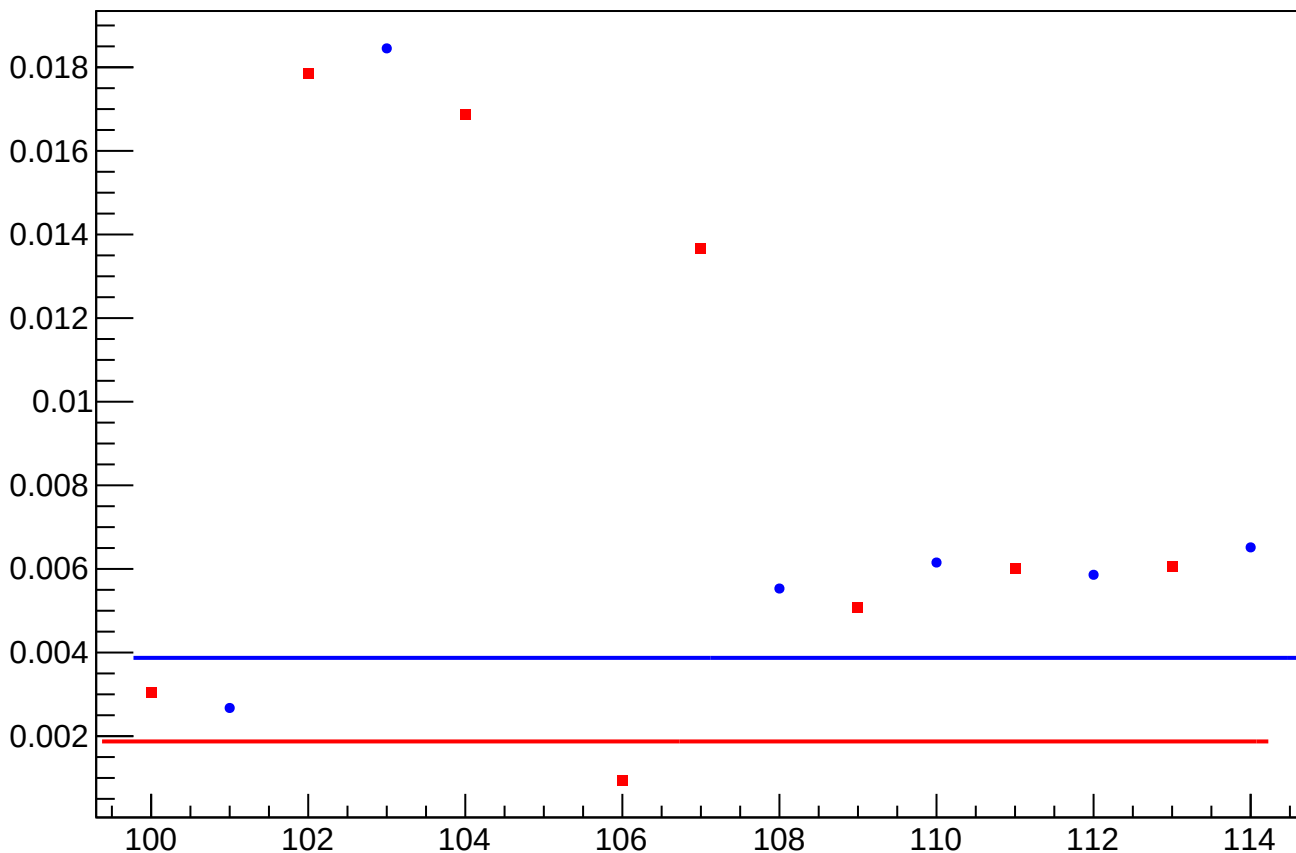
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 15.1/13

In: 0.000 $\pm$ 0.000 χ^2/NDF : 4.0/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 15.1/13

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1333802.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3870732.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

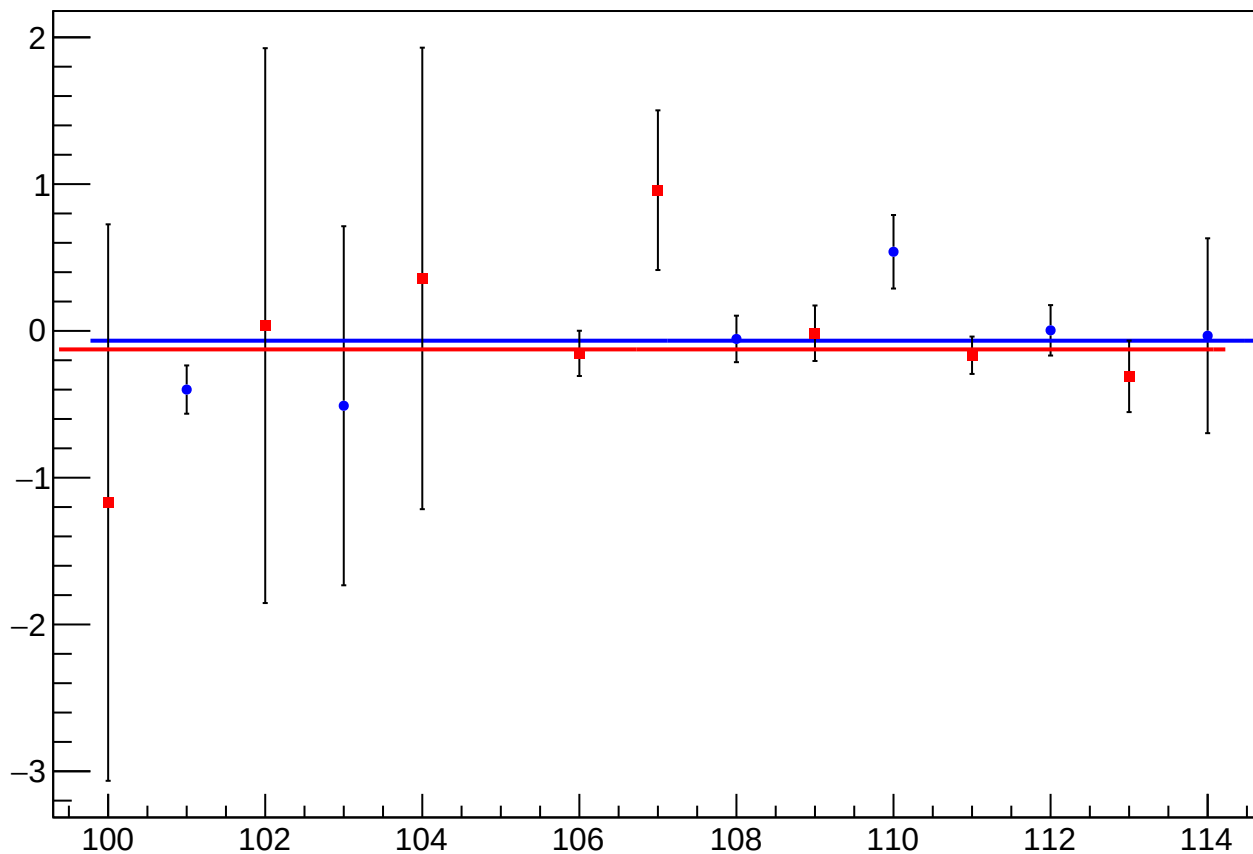
Right: 0.002+/-0.000 χ^2/NDF : 5934404.9/13

In: 0.004+/-0.000 χ^2/NDF :1333802.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5934404.9/13

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

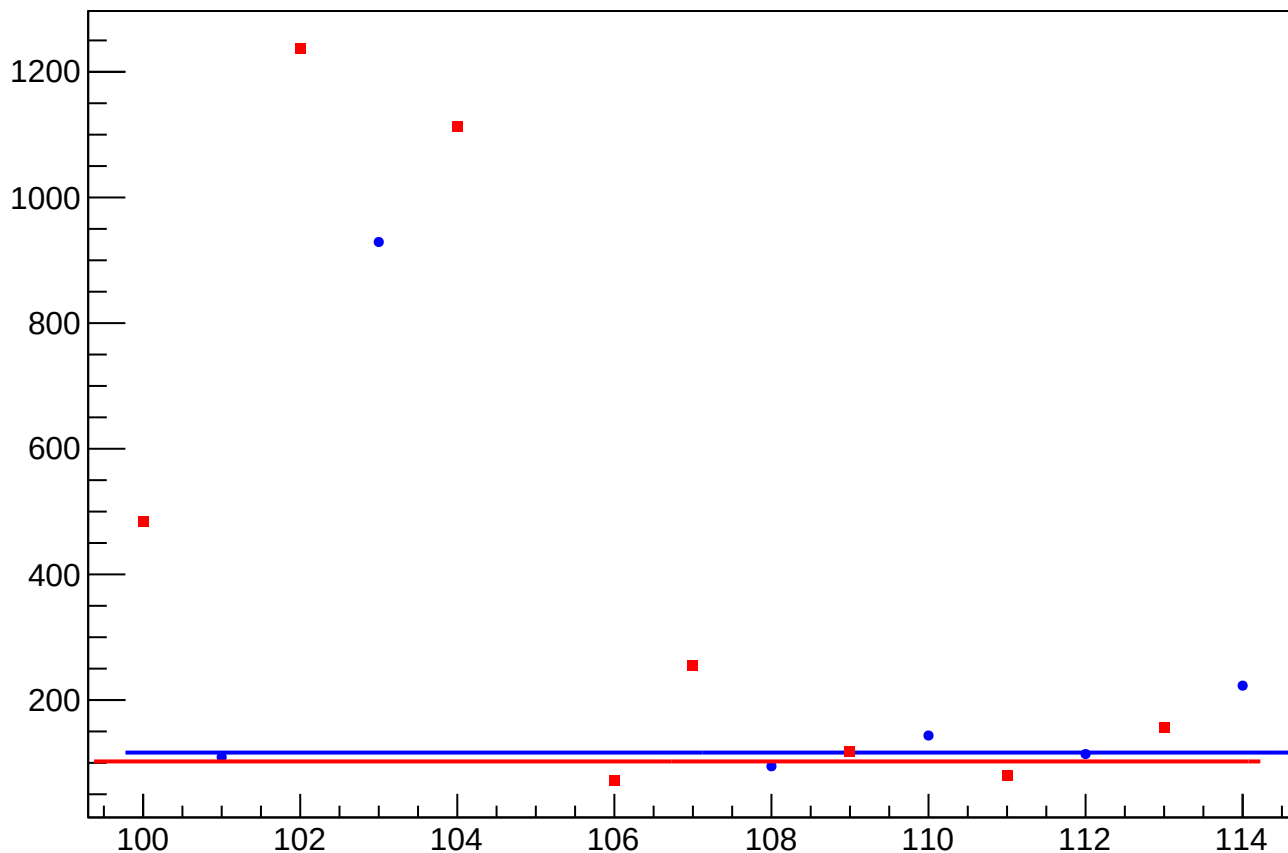
Right: -0.099 $\pm$ 0.059 χ^2 /NDF: 15.9/13

In: -0.067 $\pm$ 0.088 χ^2 /NDF:10.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.099 $\pm$ 0.059 χ^2 /NDF: 15.9/13

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

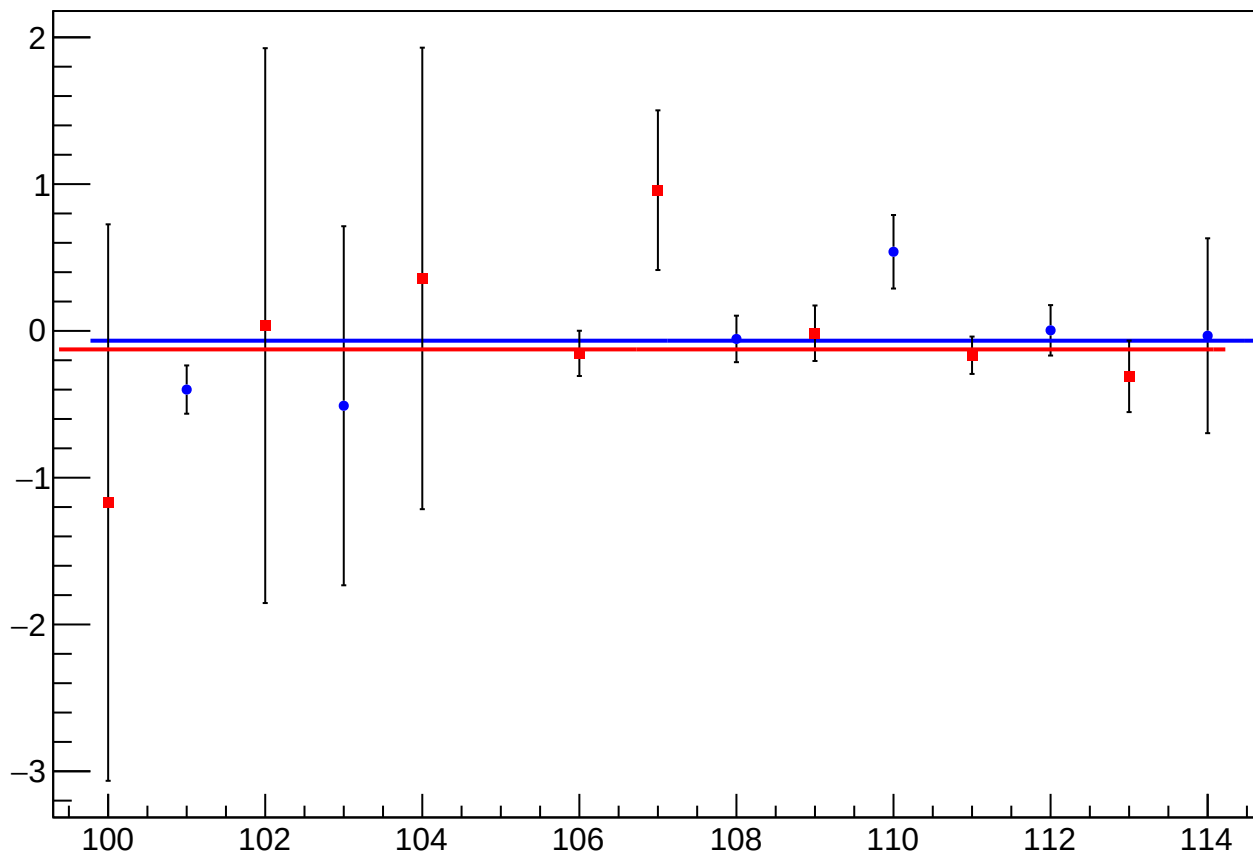
Right: 108.740+/-0.042 χ^2/NDF : 3074934.3/13

In: 116.381+/-0.062 χ^2/NDF : 1000404.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.740+/-0.042 χ^2/NDF : 3074934.3/13

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

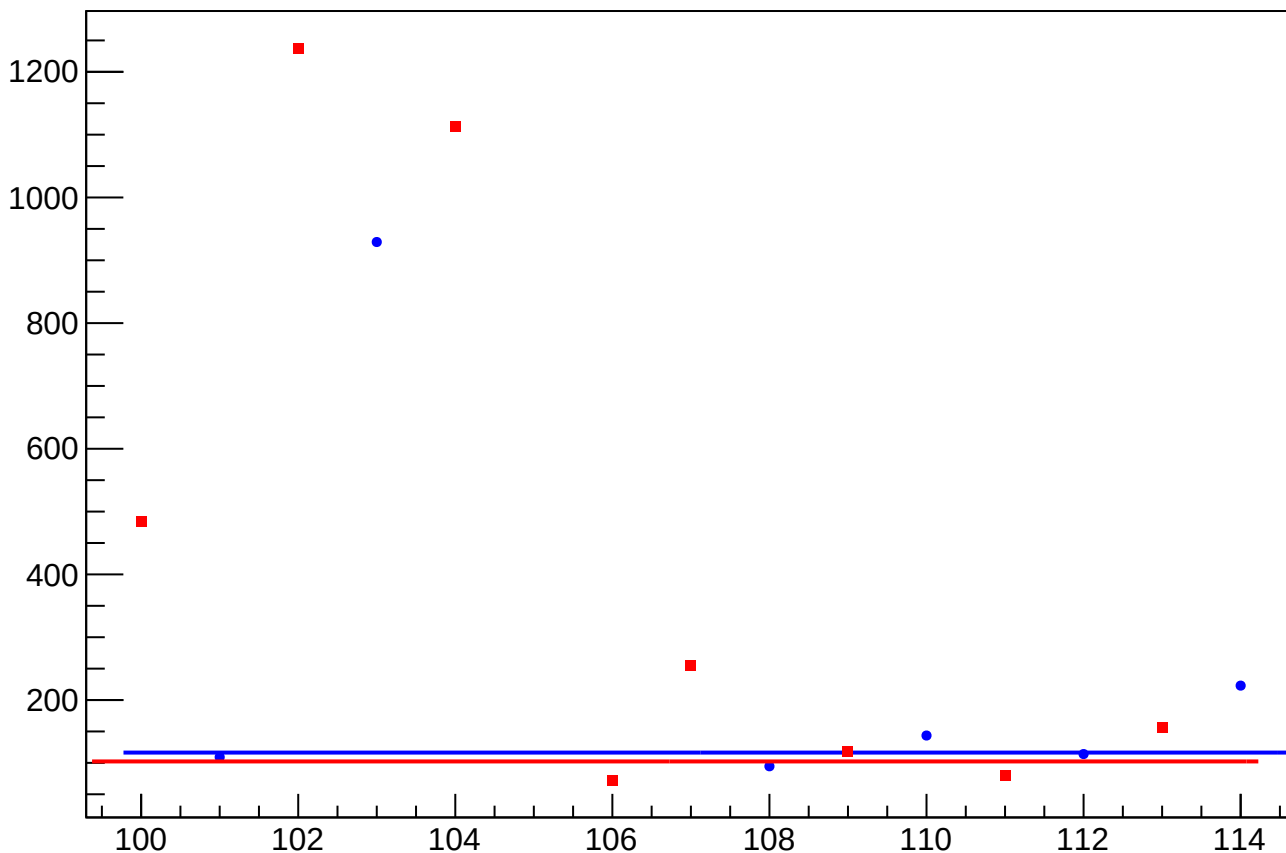
Right: -0.099 ± 0.059 χ^2/NDF : 15.9/13

In: -0.067 ± 0.088 χ^2/NDF : 10.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.059 χ^2/NDF : 15.9/13

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

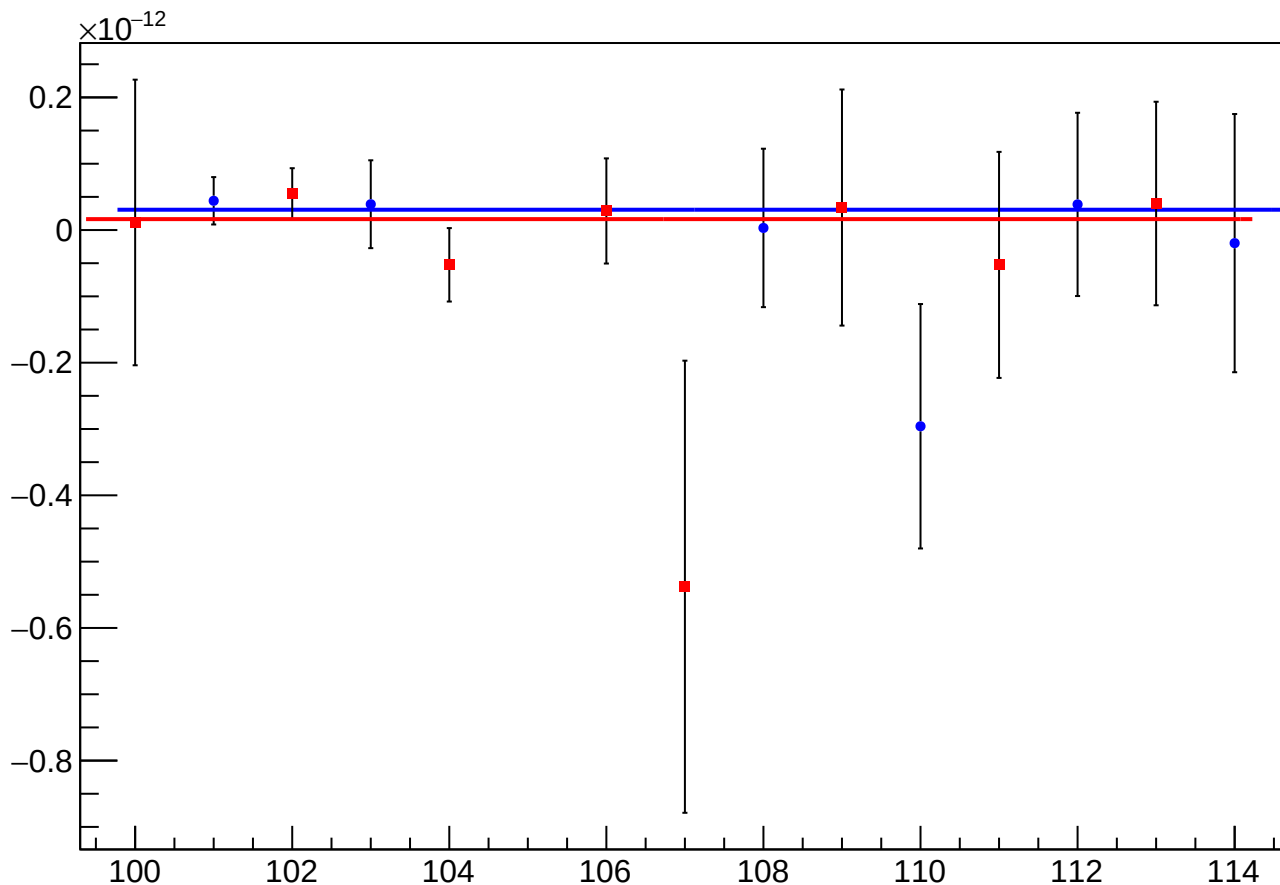
Right: 108.740+/-0.042 χ^2/NDF : 3074934.3/13

In: 116.381+/-0.062 χ^2/NDF : 1000404.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.740+/-0.042 χ^2/NDF : 3074934.3/13

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

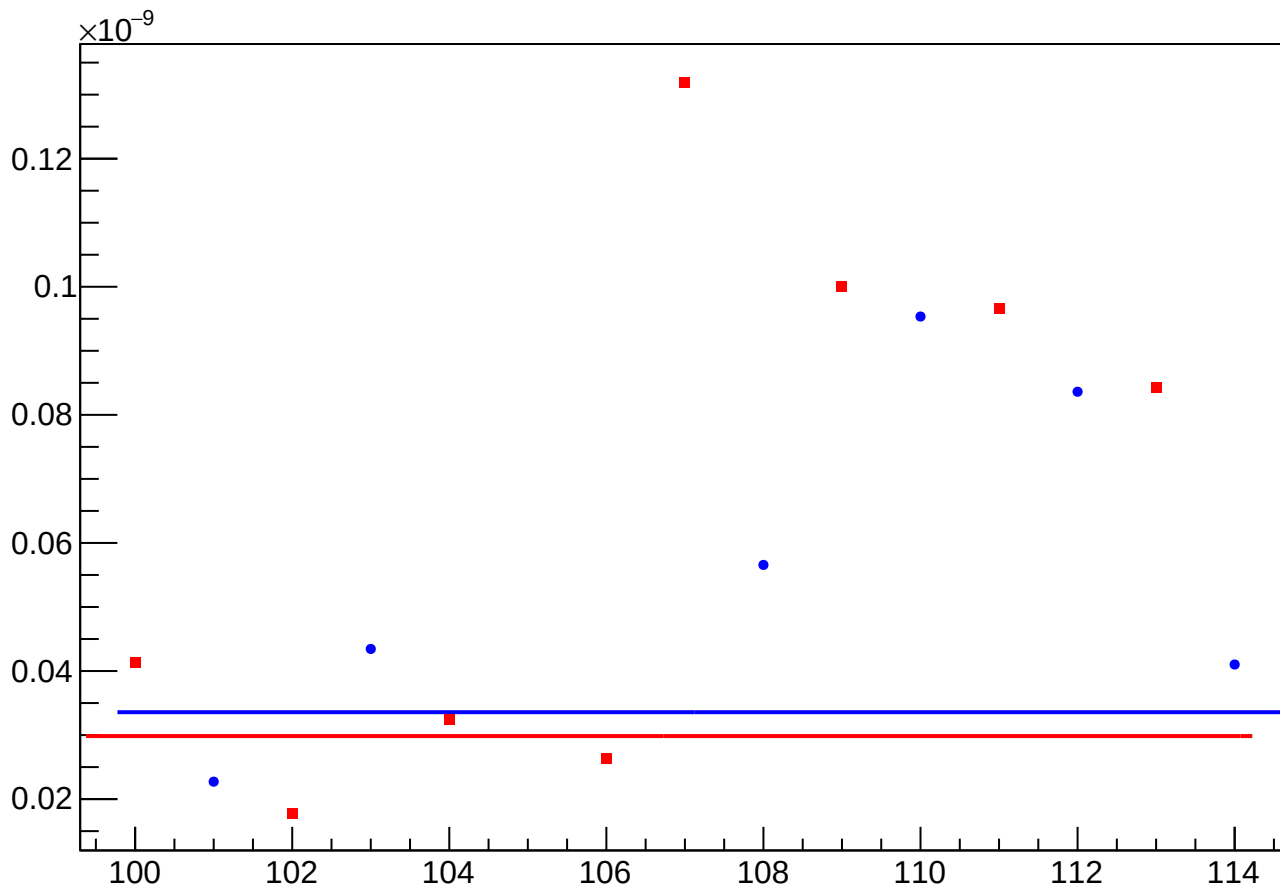
Right: 0.000+/-0.000 χ^2/NDF : 9.0/13

In: 0.000+/-0.000 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/13

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

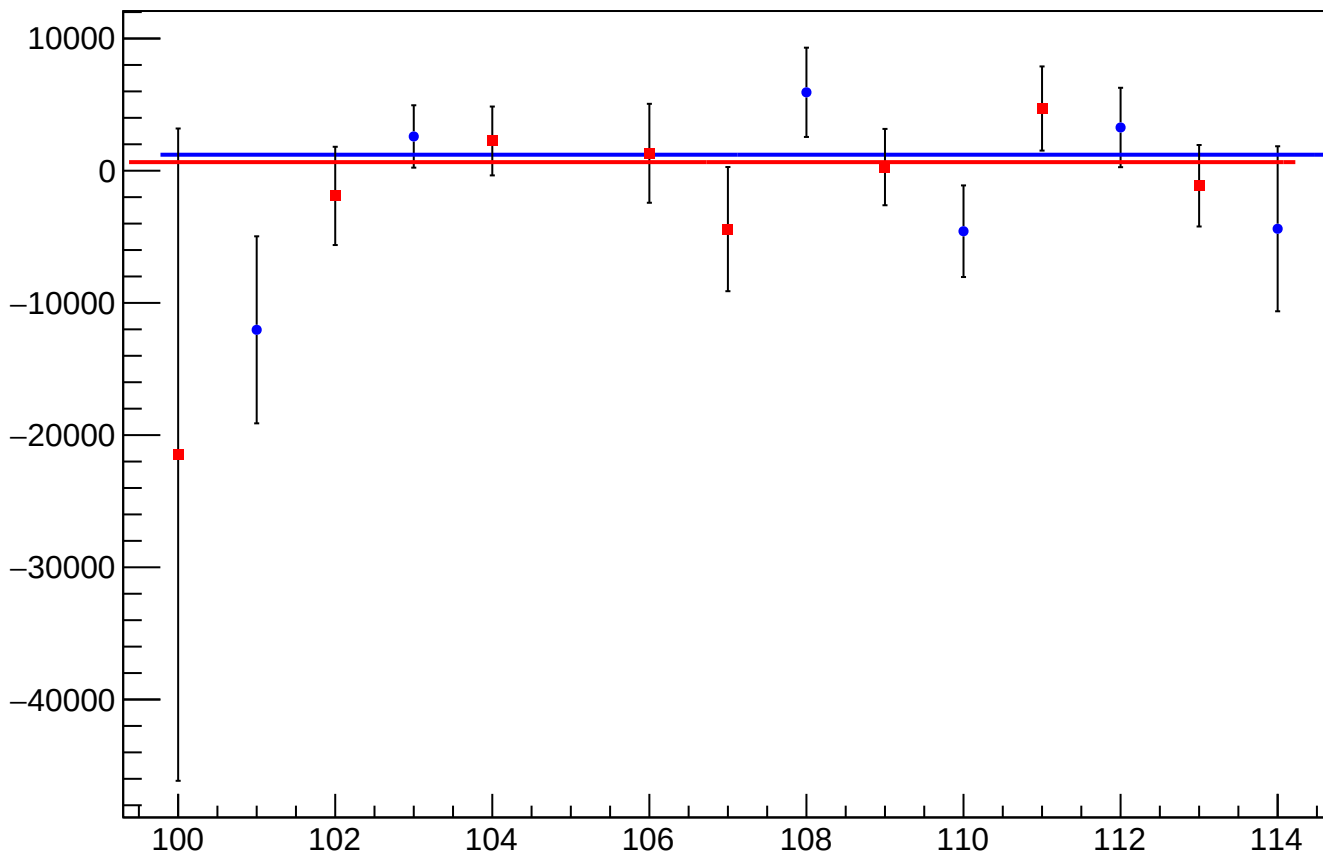
Right: 0.000+/-0.000 χ^2/NDF : 2072152.4/13

In: 0.000+/-0.000 χ^2/NDF : 793066.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2072152.4/13

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

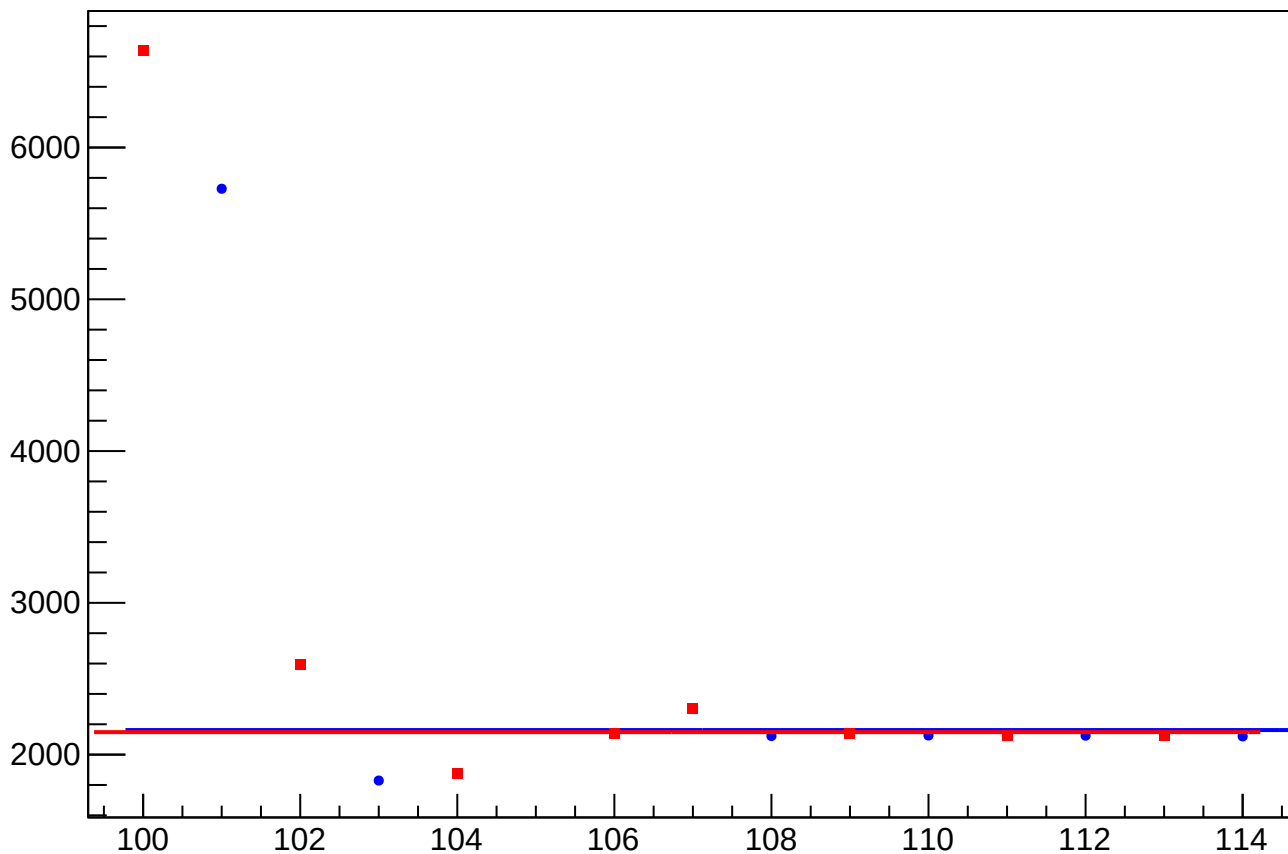
Right: 892.756+/-924.784 χ^2/NDF : 14.8/13

In: 1210.144+/-1404.279 χ^2/NDF : 9.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.756+/-924.784 χ^2/NDF : 14.8/13

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

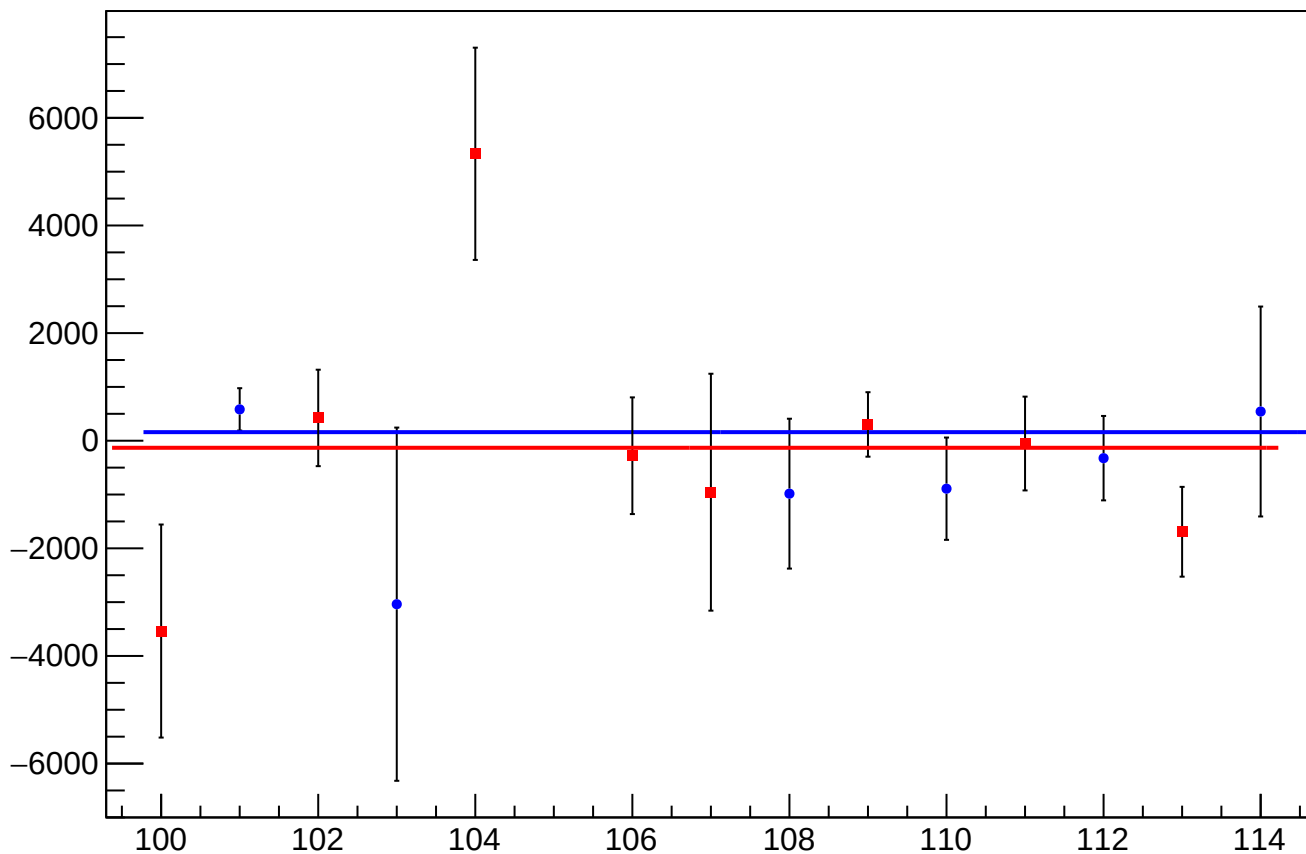
Right: 2154.110+/-0.654 χ^2/NDF : 669215.5/13

In: 2161.790+/-0.993 χ^2/NDF : 548986.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.110+/-0.654 χ^2/NDF : 669215.5/13

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

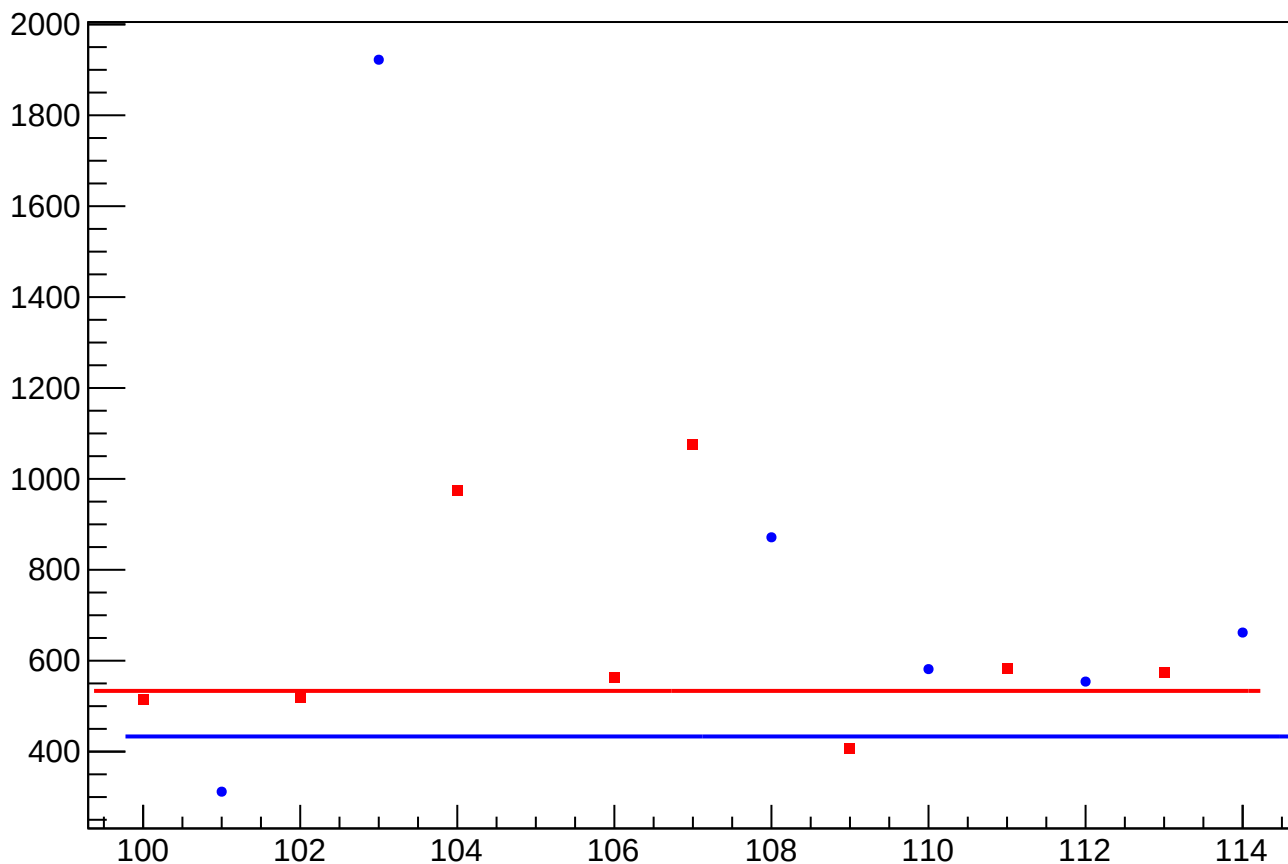
Right: 27.578+/-233.036 χ^2/NDF : 20.0/13

In: 159.380+/-315.250 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.578+/-233.036 χ^2/NDF : 20.0/13

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

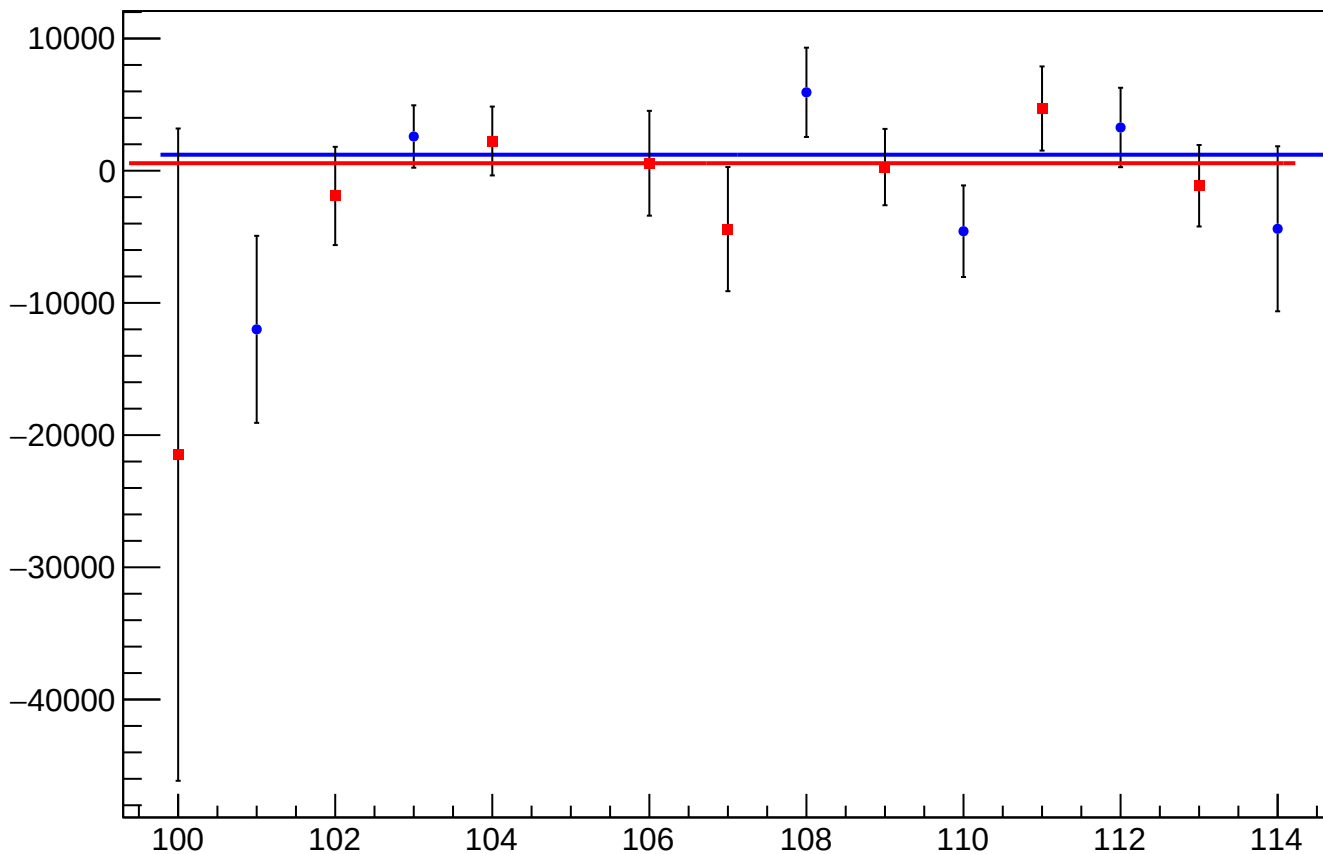
Right: 478.783+/-0.165 χ^2/NDF : 1339143.7/13

In: 433.309+/-0.223 χ^2/NDF : 923671.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.783+/-0.165 χ^2/NDF : 1339143.7/13

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

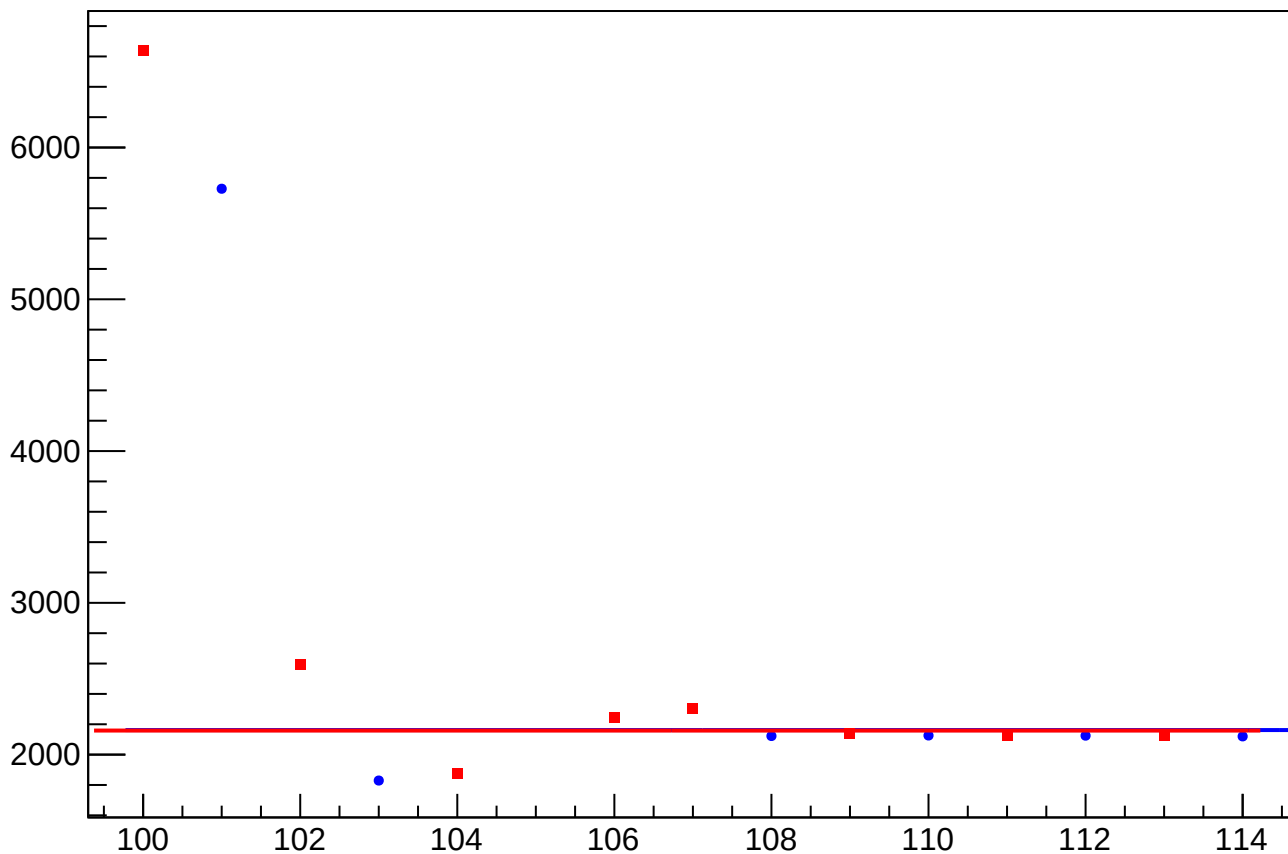
Right: 848.353+/-927.875 χ^2 /NDF: 14.8/13

In: 1210.422+/-1404.280 χ^2 /NDF:9.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 848.353+/-927.875 χ^2 /NDF: 14.8/13

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2161.790+/-0.993 χ^2/NDF : 548986.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.586+/-0.874 χ^2/NDF : 121072.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

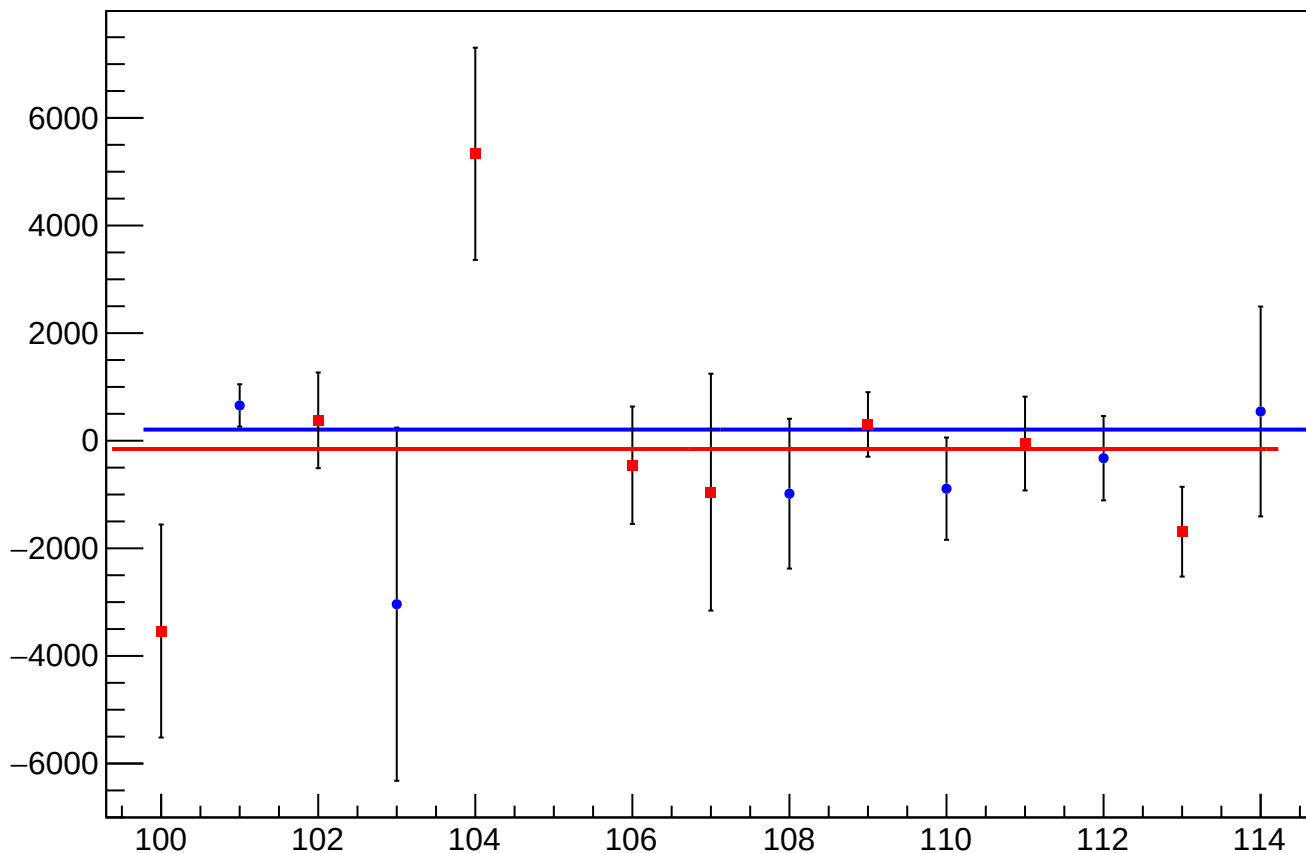
Right: 2159.985+/-0.656 χ^2/NDF : 670064.3/13

In: 2161.790+/-0.993 χ^2/NDF : 548986.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.985+/-0.656 χ^2/NDF : 670064.3/13

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

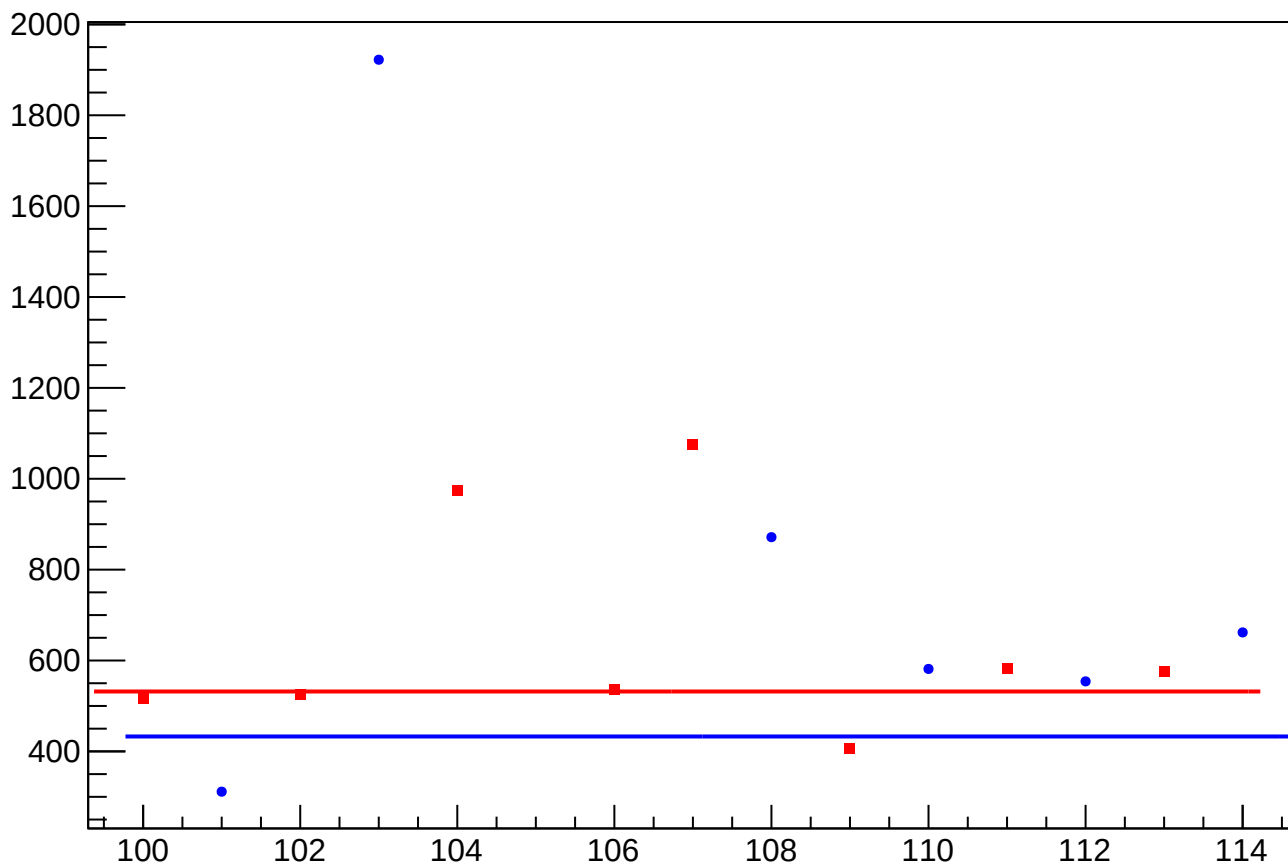
Right: 43.464+/-232.891 χ^2/NDF : 20.7/13

In: 207.219+/-315.025 χ^2/NDF :4.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.464+/-232.891 χ^2/NDF : 20.7/13

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

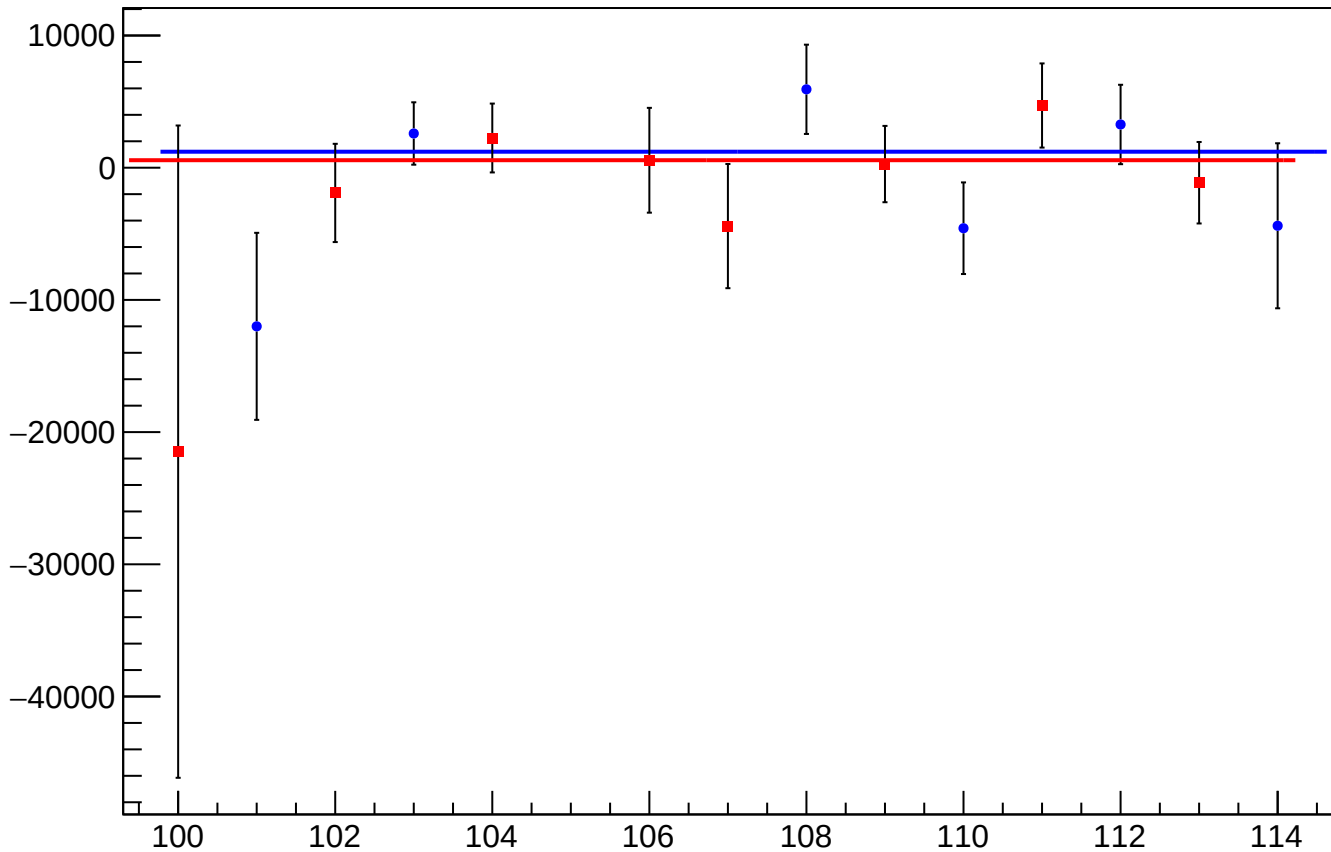
Right: 477.703+/-0.165 χ^2/NDF : 1336844.3/13

In: 432.814+/-0.223 χ^2/NDF : 925595.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.703+/-0.165 χ^2/NDF : 1336844.3/13

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

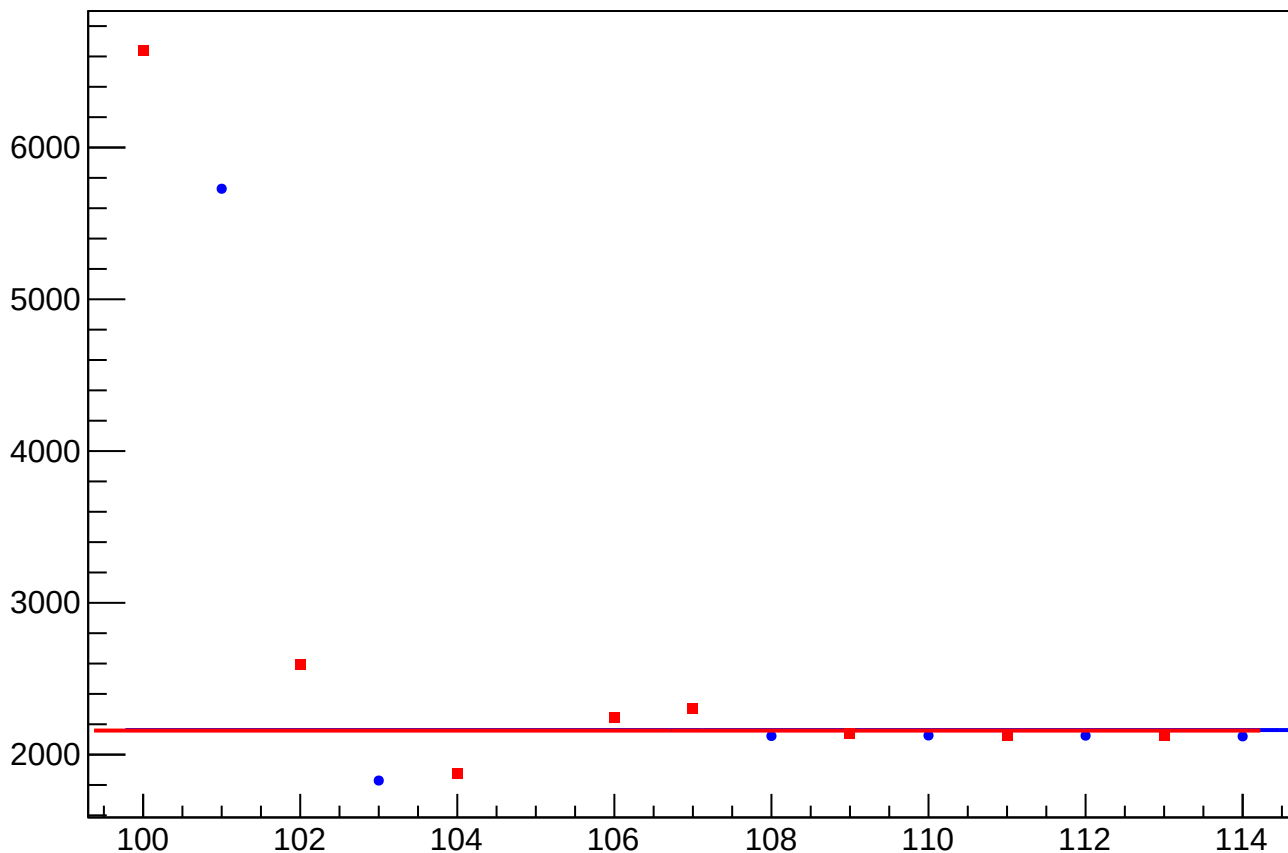
Right: 848.353+/-927.875 χ^2/NDF : 14.8/13

In: 1210.422+/-1404.280 χ^2/NDF : 9.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.353+/-927.875 χ^2/NDF : 14.8/13

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2161.790+/-0.993 χ^2/NDF : 548986.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.586+/-0.874 χ^2/NDF : 121072.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

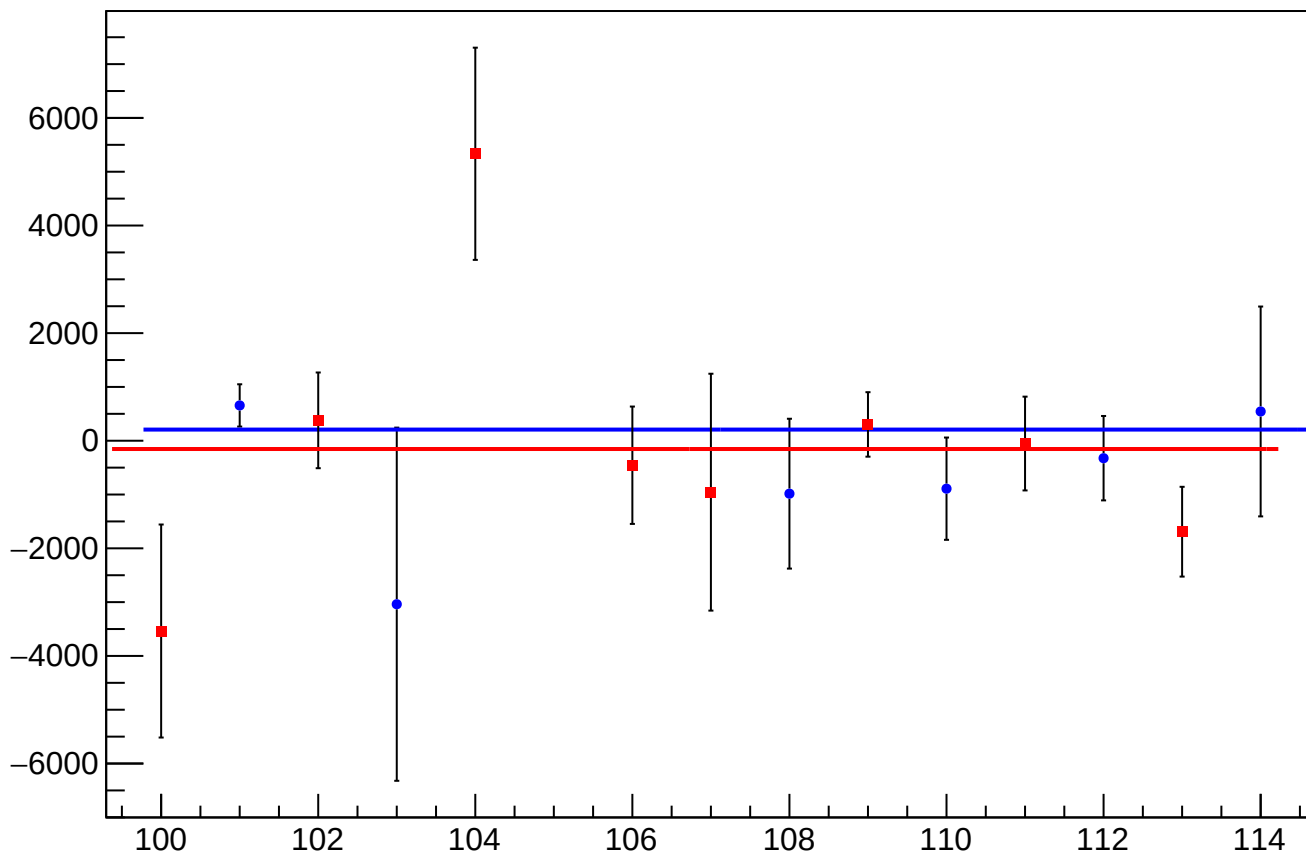
Right: 2159.985+/-0.656 χ^2/NDF : 670064.3/13

In: 2161.790+/-0.993 χ^2/NDF : 548986.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.985+/-0.656 χ^2/NDF : 670064.3/13

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

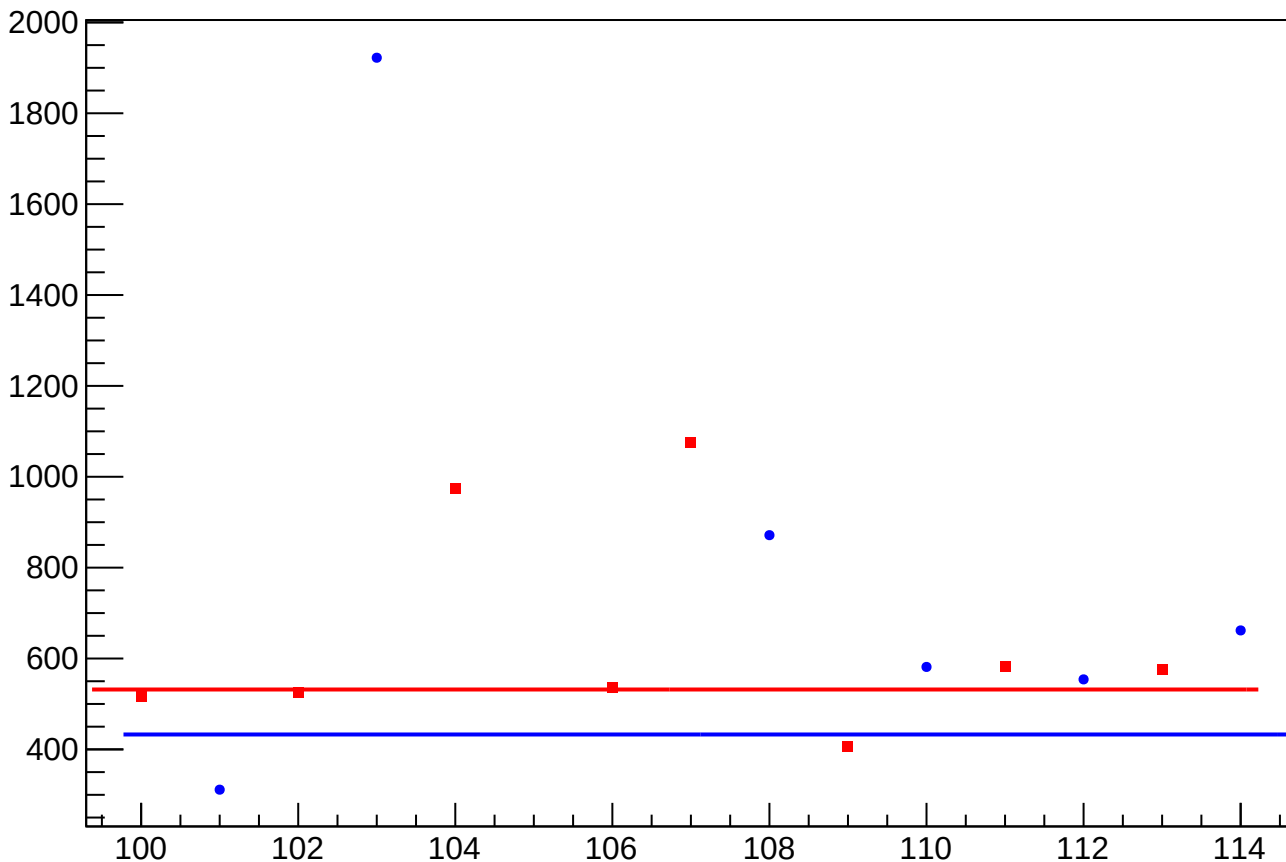
Right: 43.464+/-232.891 χ^2/NDF : 20.7/13

In: 207.219+/-315.025 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.464+/-232.891 χ^2/NDF : 20.7/13

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

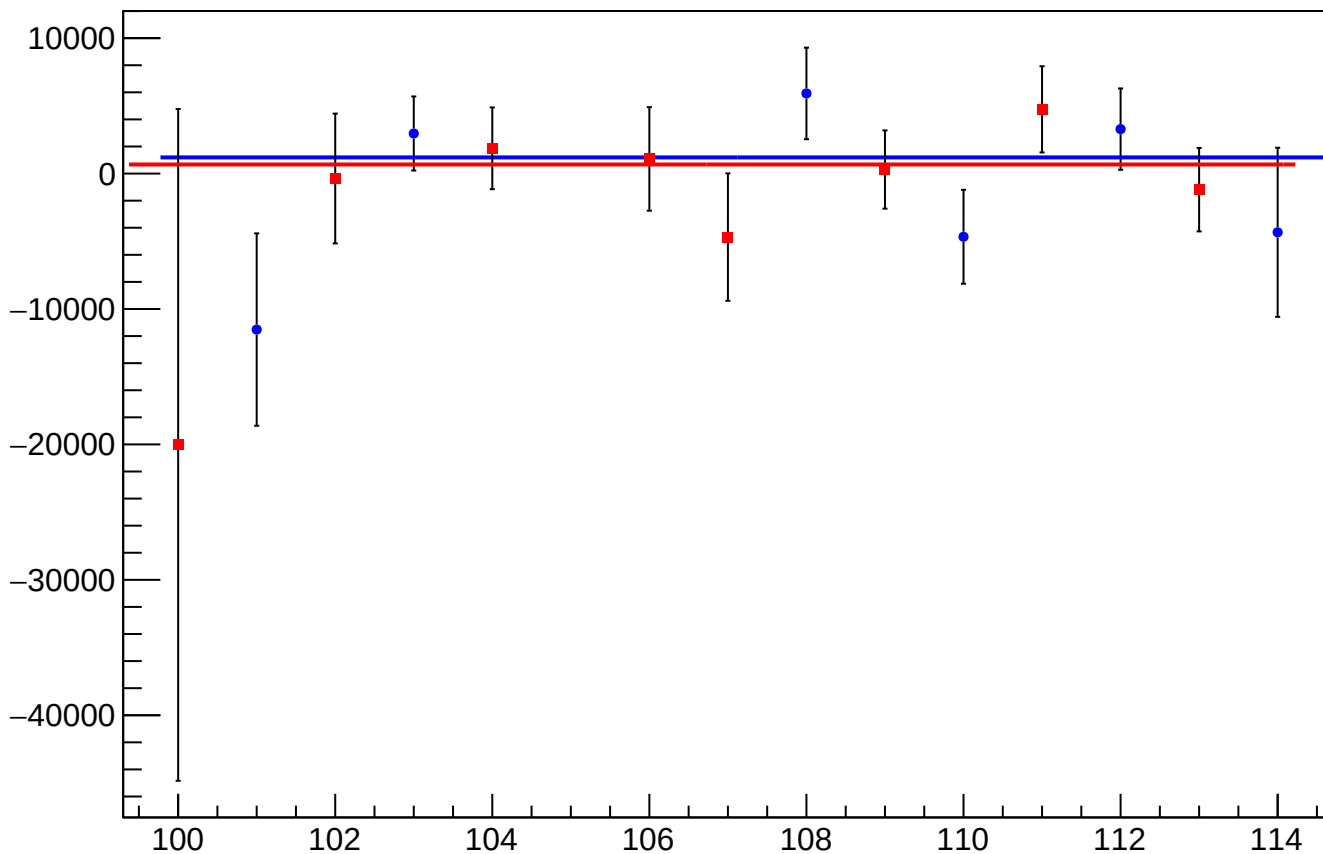
Right: 477.703+/-0.165 χ^2/NDF : 1336844.3/13

In: 432.814+/-0.223 χ^2/NDF : 925595.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.703+/-0.165 χ^2/NDF : 1336844.3/13

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1193.227+/-1473.337 χ^2 /NDF: 9.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 671.112+/-1299.697 χ^2 /NDF: 4.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

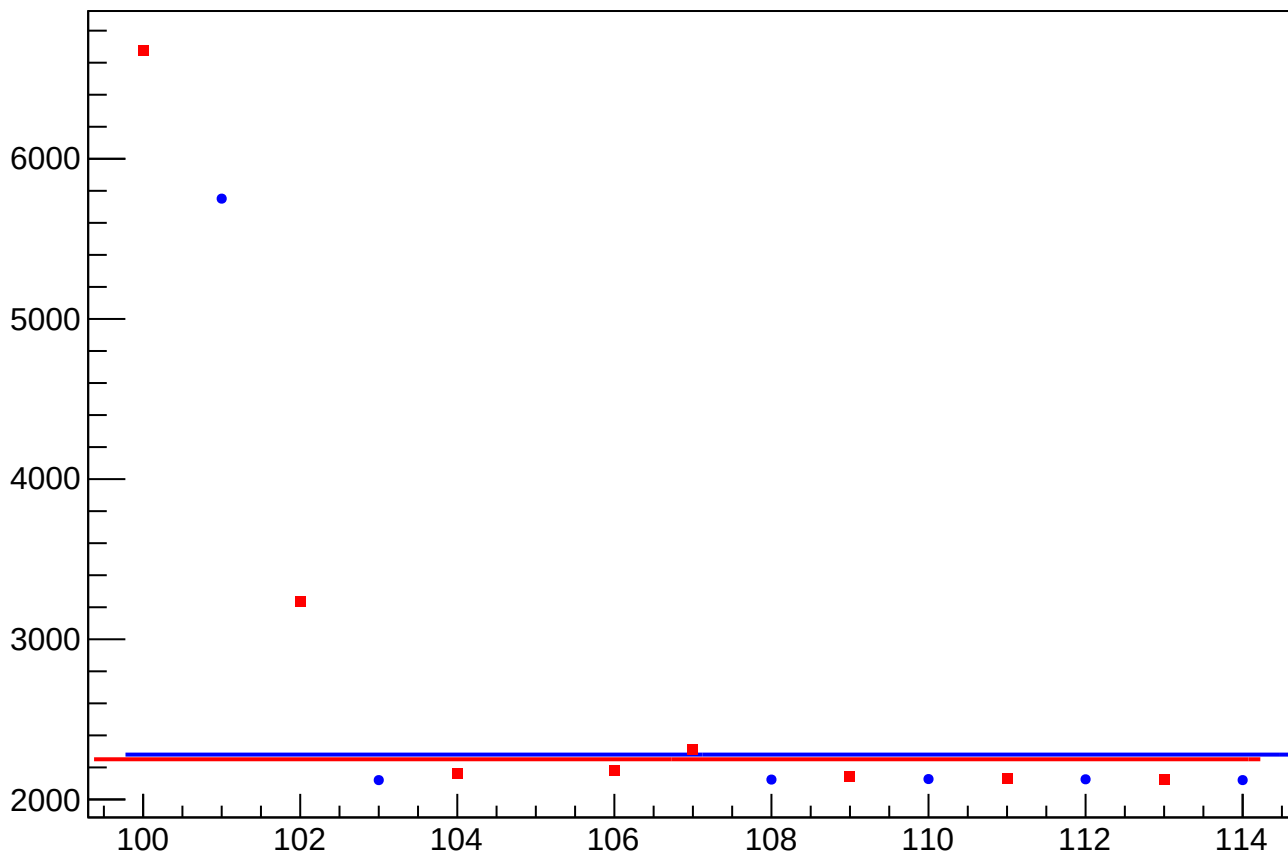
Right: 899.604+/-974.663 χ^2 /NDF: 14.0/13

In: 1193.227+/-1473.337 χ^2 /NDF:9.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 899.604+/-974.663 χ^2 /NDF: 14.0/13

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

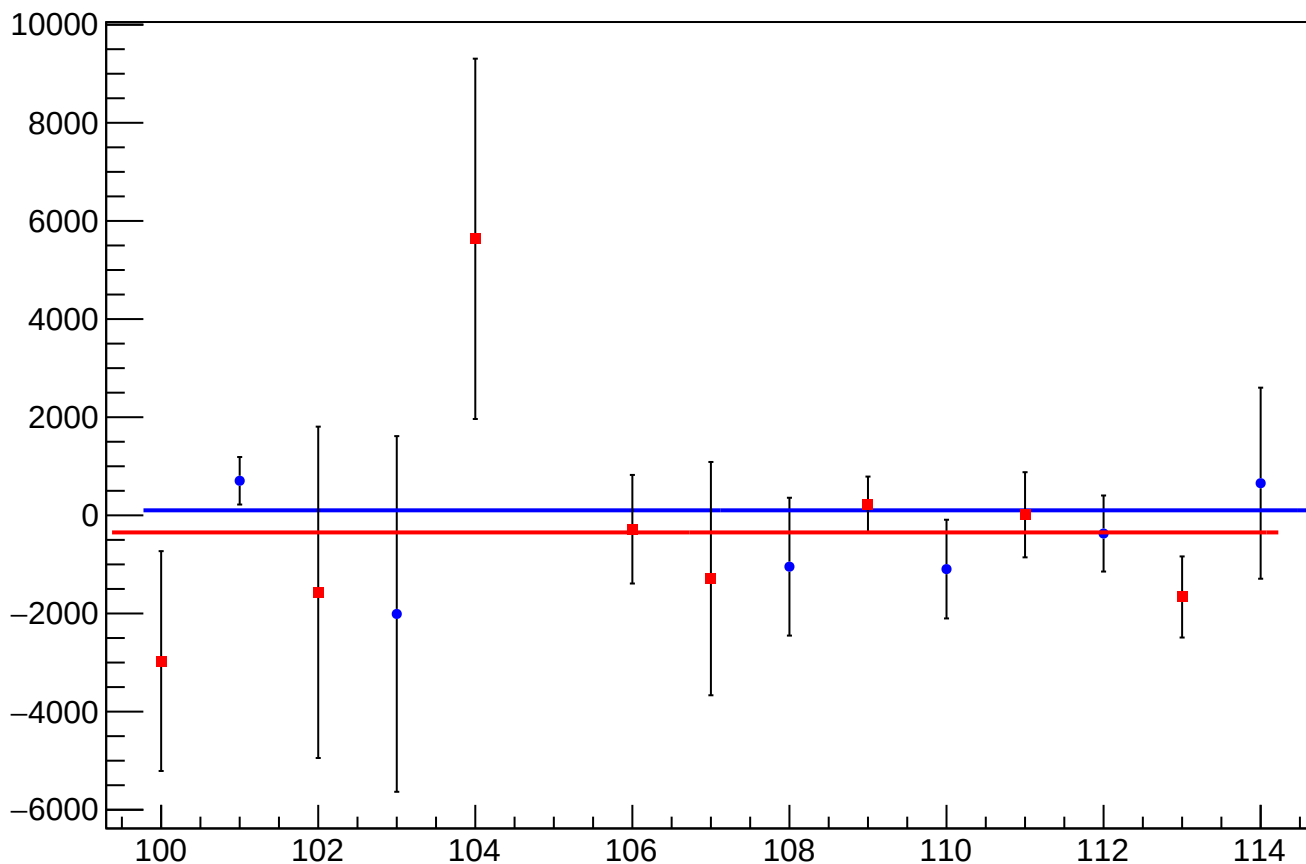
Right: 2263.635+/-0.689 χ^2/NDF : 659766.7/13

In: 2280.025+/-1.042 χ^2/NDF : 499099.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.635+/-0.689 χ^2/NDF : 659766.7/13

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 102.345+/-358.878 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -347.886+/-372.050 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

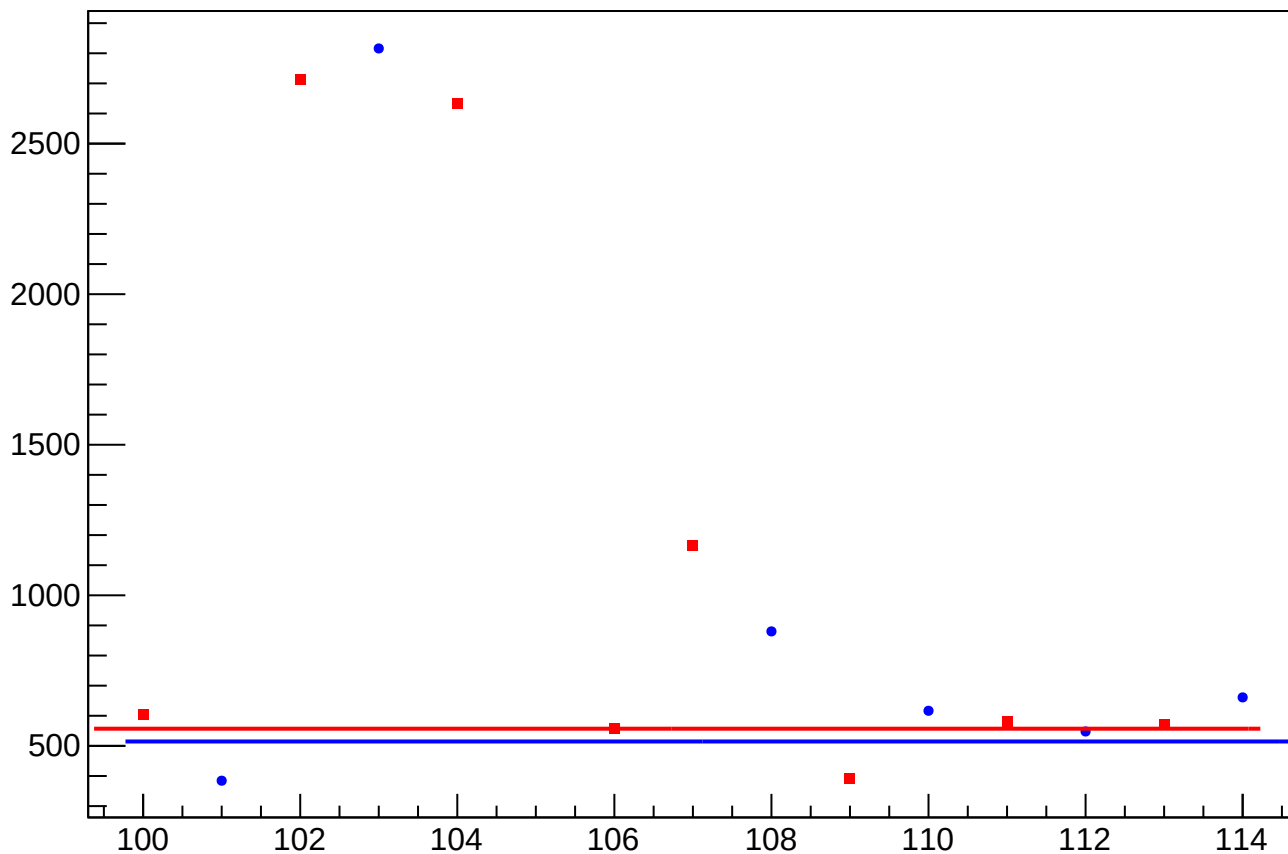
Right: -114.660+/-258.296 χ^2/NDF : 13.2/13

In: 102.345+/-358.878 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.660+/-258.296 χ^2/NDF : 13.2/13

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 514.594+/-0.254 χ^2/NDF : 1122150.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.076+/-0.263 χ^2/NDF : 1757980.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

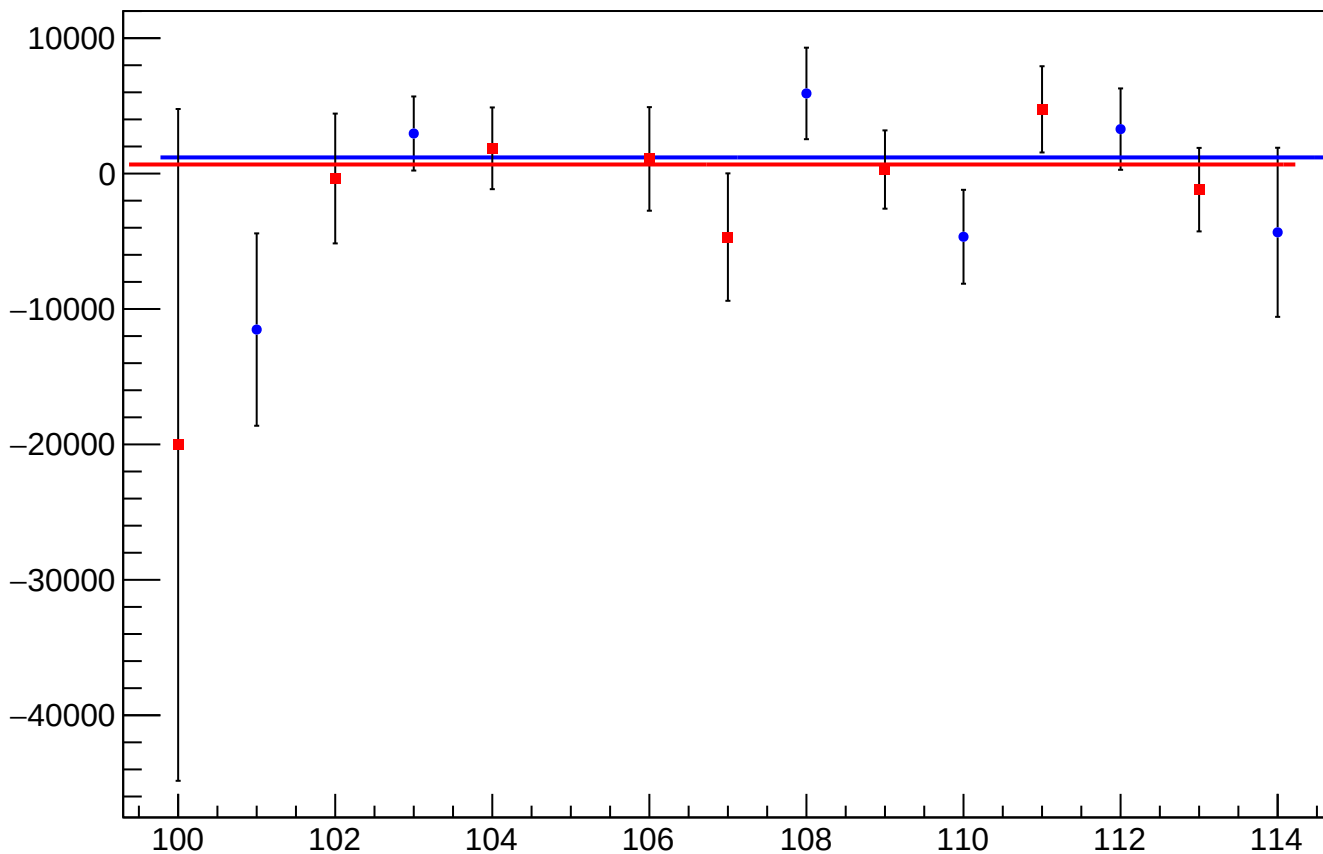
Right: 535.070+/-0.183 χ^2/NDF : 2893638.0/13

In: 514.594+/-0.254 χ^2/NDF : 1122150.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.070+/-0.183 χ^2/NDF : 2893638.0/13

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

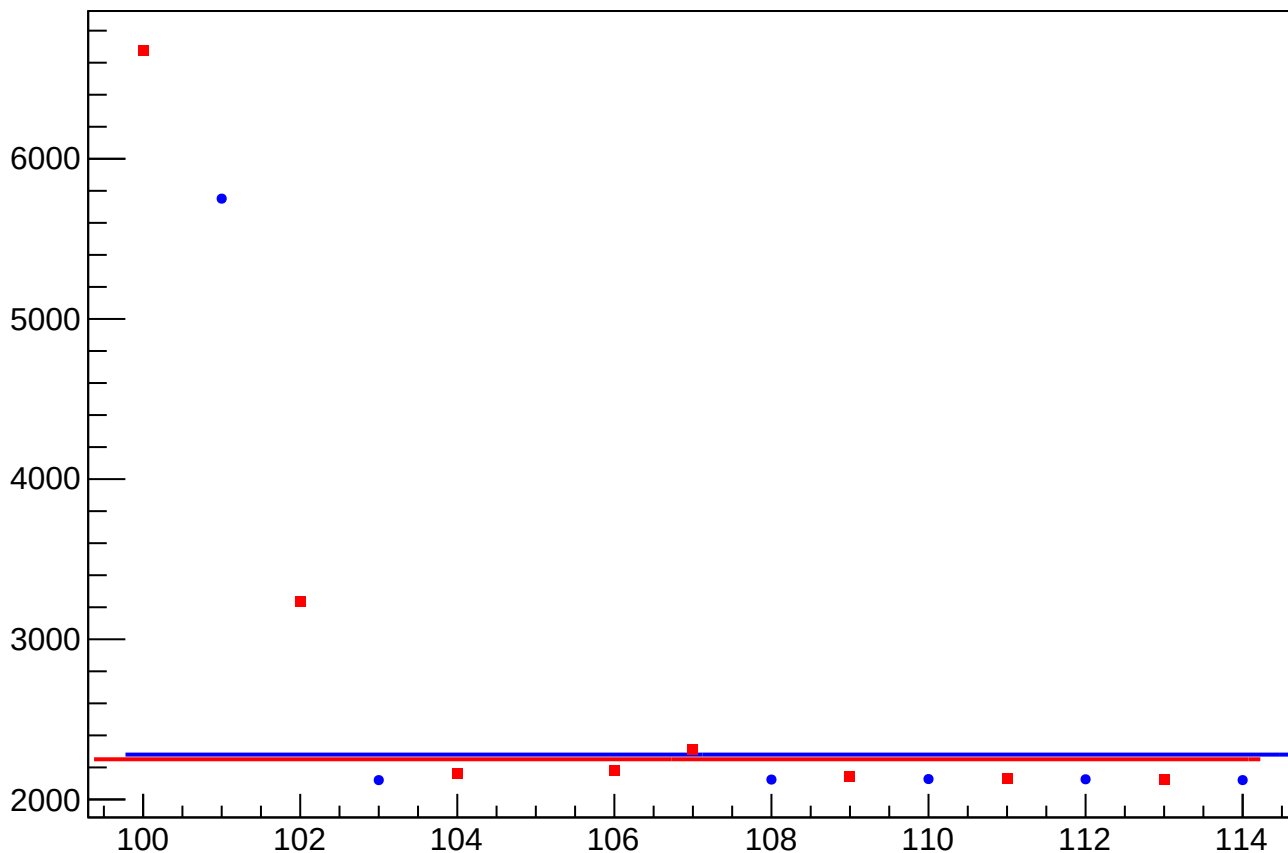
Right: 899.608+/-974.662 χ^2 /NDF: 14.0/13

In: 1193.231+/-1473.337 χ^2 /NDF:9.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 899.608+/-974.662 χ^2 /NDF: 14.0/13

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

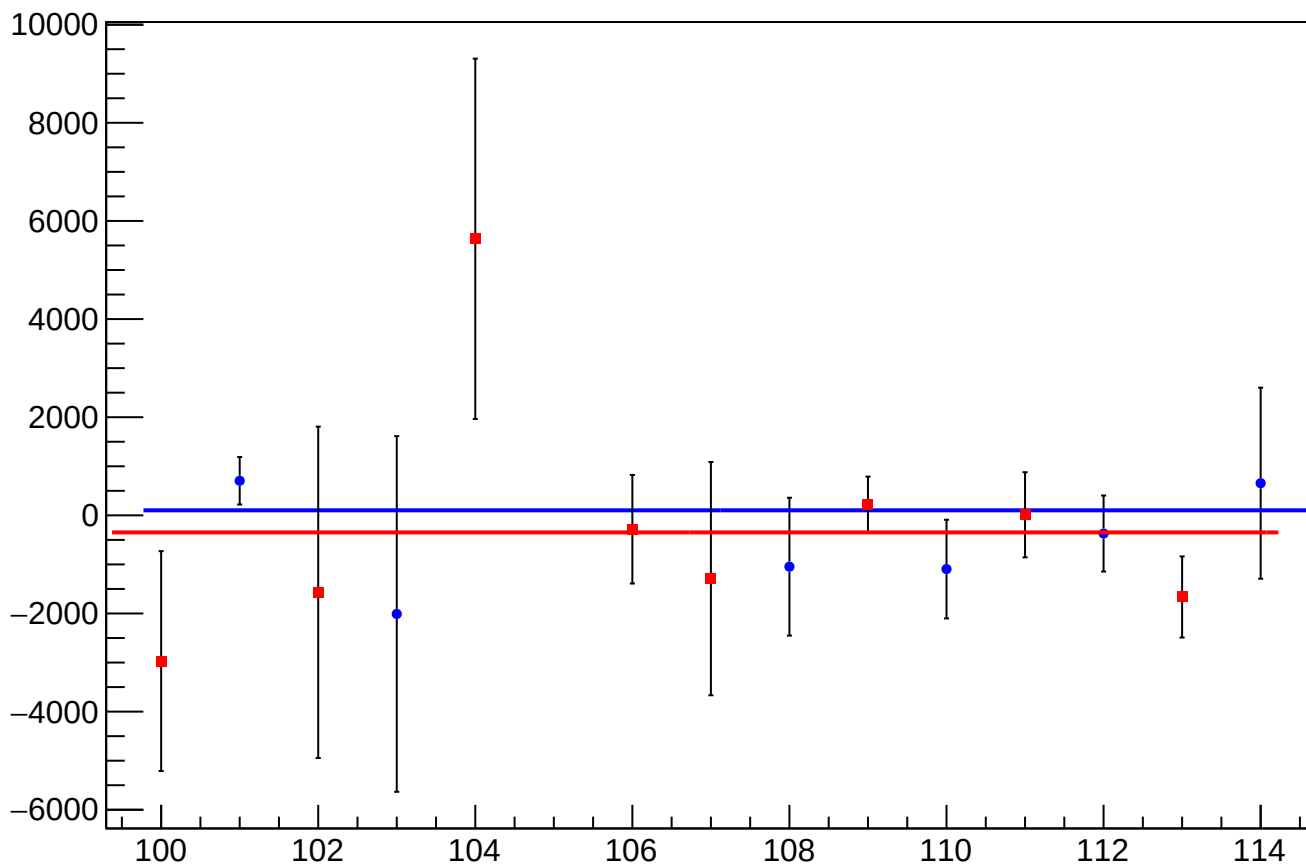
Right: 2263.634+/-0.689 χ^2/NDF : 659766.6/13

In: 2280.025+/-1.042 χ^2/NDF : 499099.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.634+/-0.689 χ^2/NDF : 659766.6/13

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 102.343+/-358.878 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -347.883+/-372.047 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

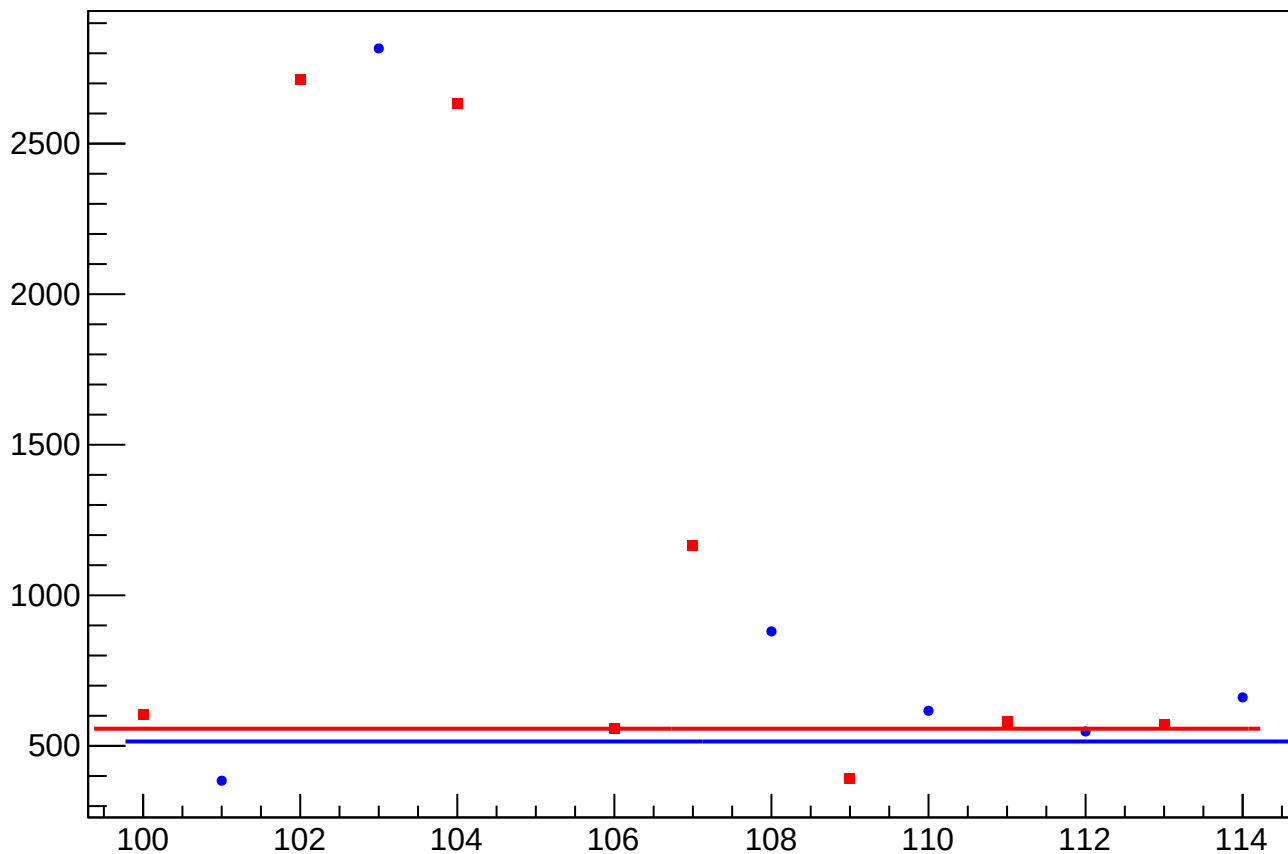
Right: -114.661+/-258.295 χ^2/NDF : 13.2/13

In: 102.343+/-358.878 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.661+/-258.295 χ^2/NDF : 13.2/13

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 514.593+/-0.254 χ^2/NDF : 1122145.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.072+/-0.263 χ^2/NDF : 1757995.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

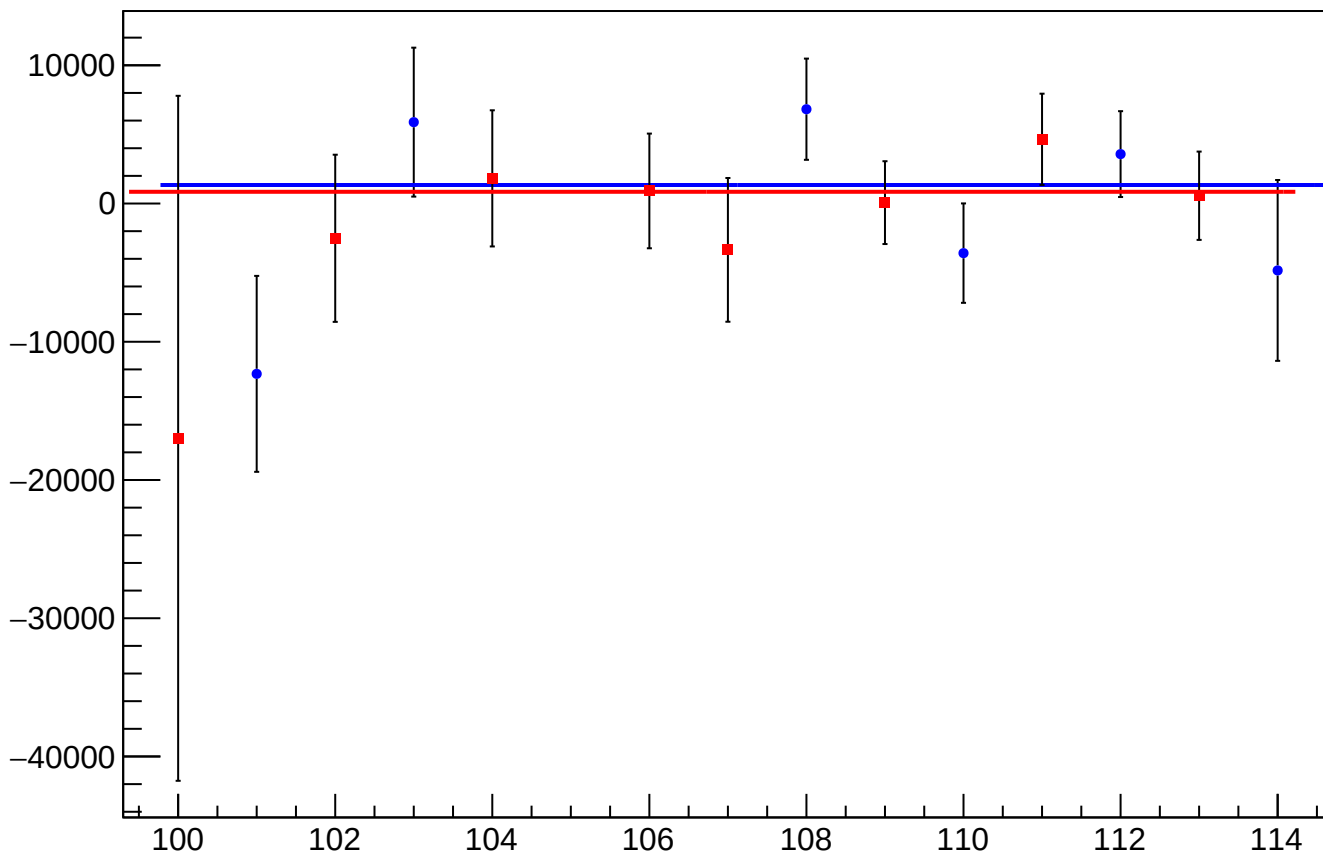
Right: 535.067+/-0.183 χ^2/NDF : 2893646.1/13

In: 514.593+/-0.254 χ^2/NDF : 1122145.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.067+/-0.183 χ^2/NDF : 2893646.1/13

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

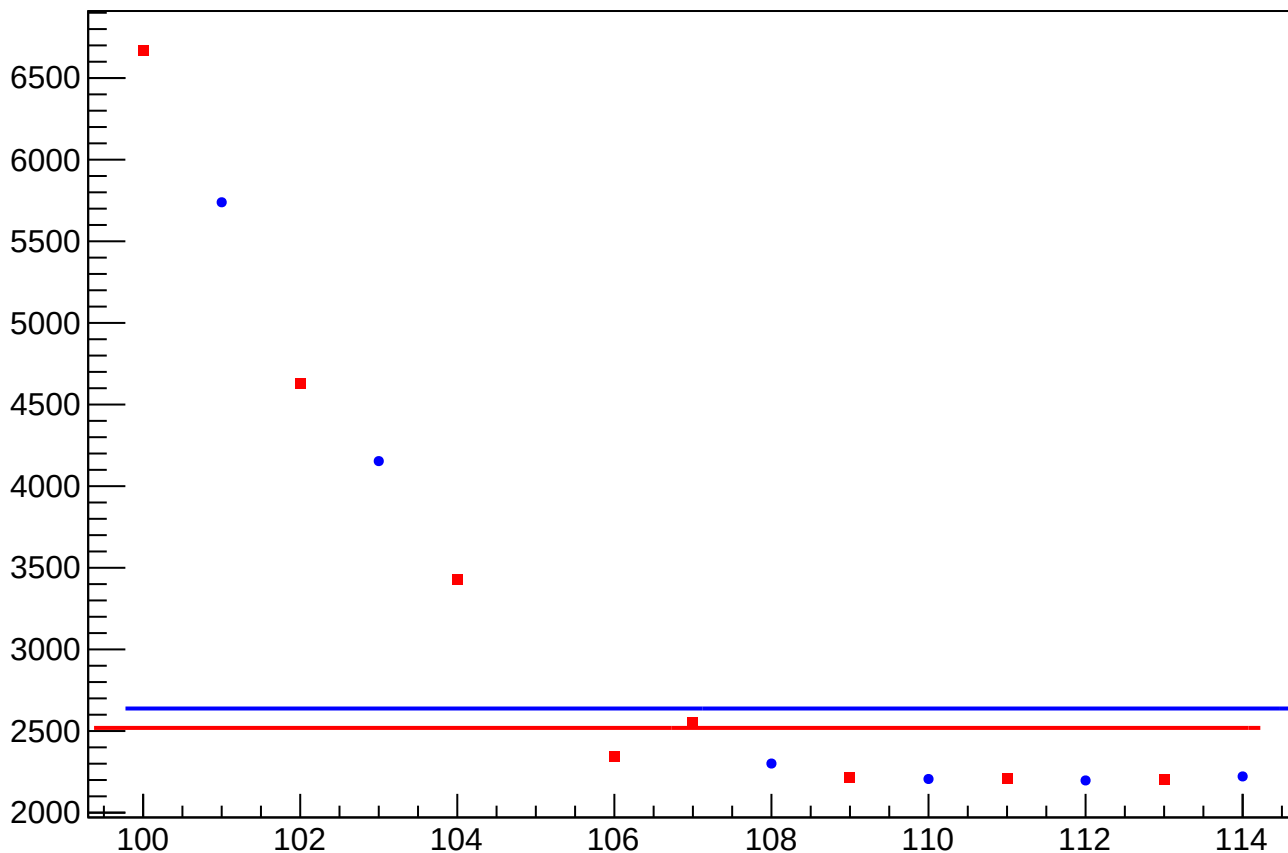
Right: 1053.765+/-1118.078 χ^2/NDF : 12.9/13

In: 1340.126+/-1731.895 χ^2/NDF : 10.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.765+/-1118.078 χ^2/NDF : 12.9/13

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

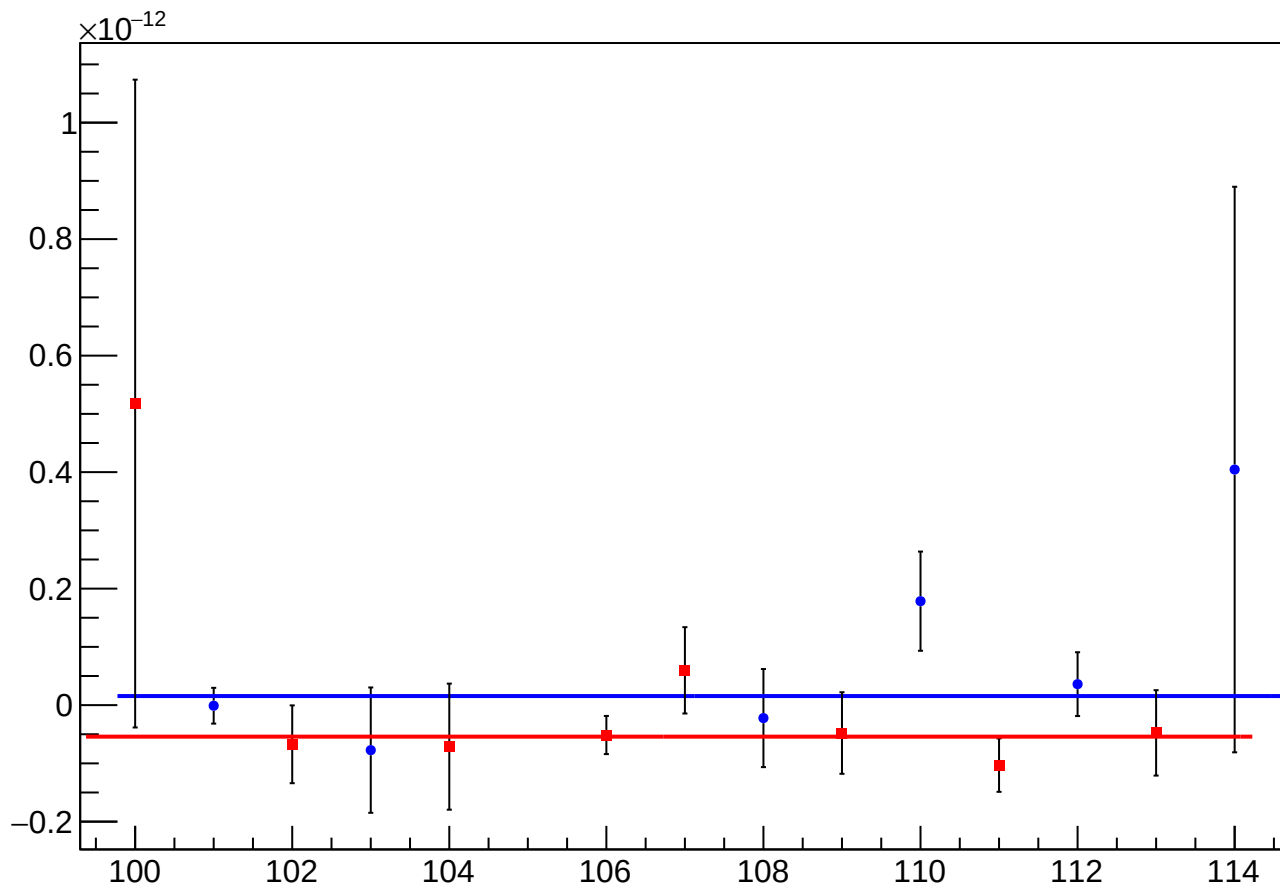
Right: 2568.700+/-0.791 χ^2/NDF : 1069776.3/13

In: 2638.026+/-1.225 χ^2/NDF : 635350.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2568.700+/-0.791 χ^2/NDF : 1069776.3/13

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

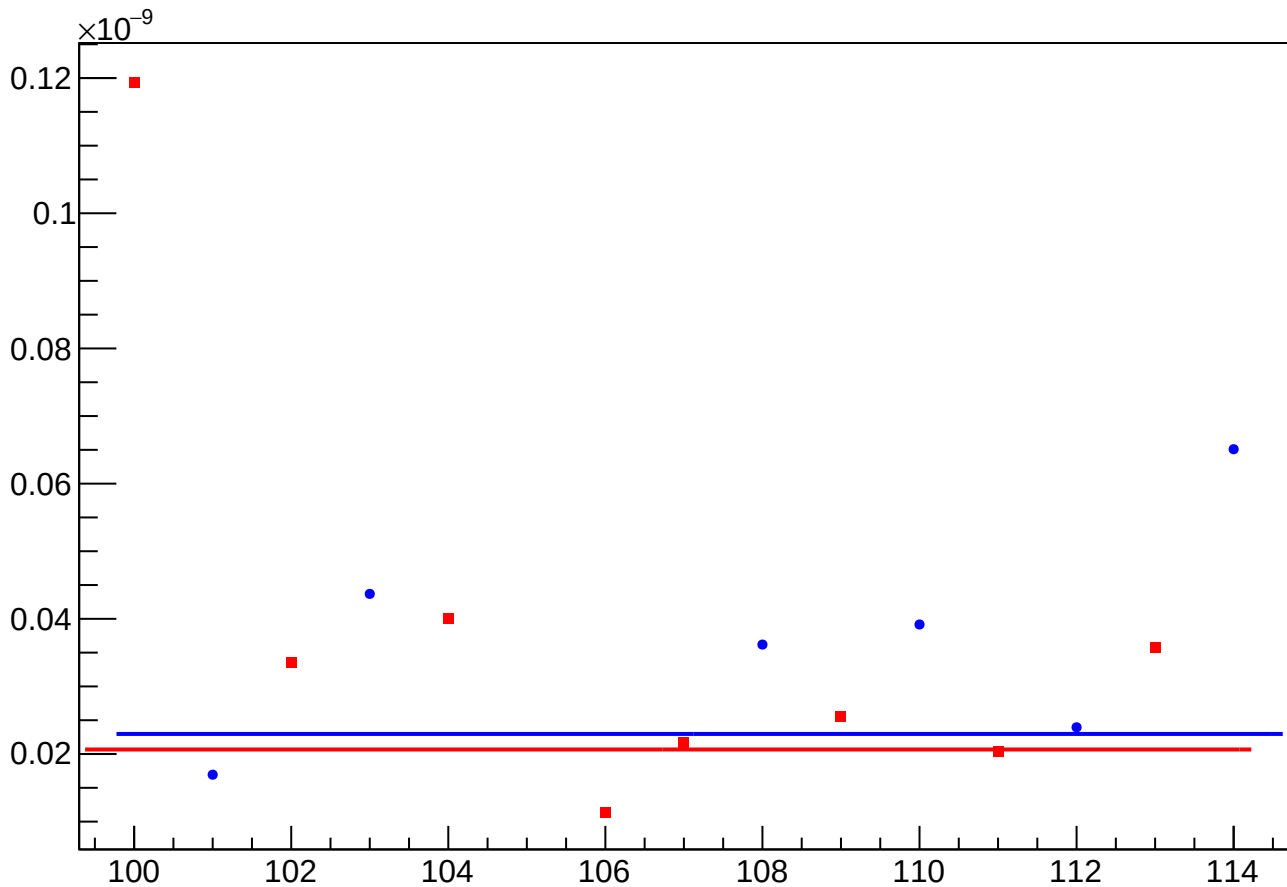
Right: -0.000+/-0.000 χ^2/NDF : 15.2/13

In: 0.000+/-0.000 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/13

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

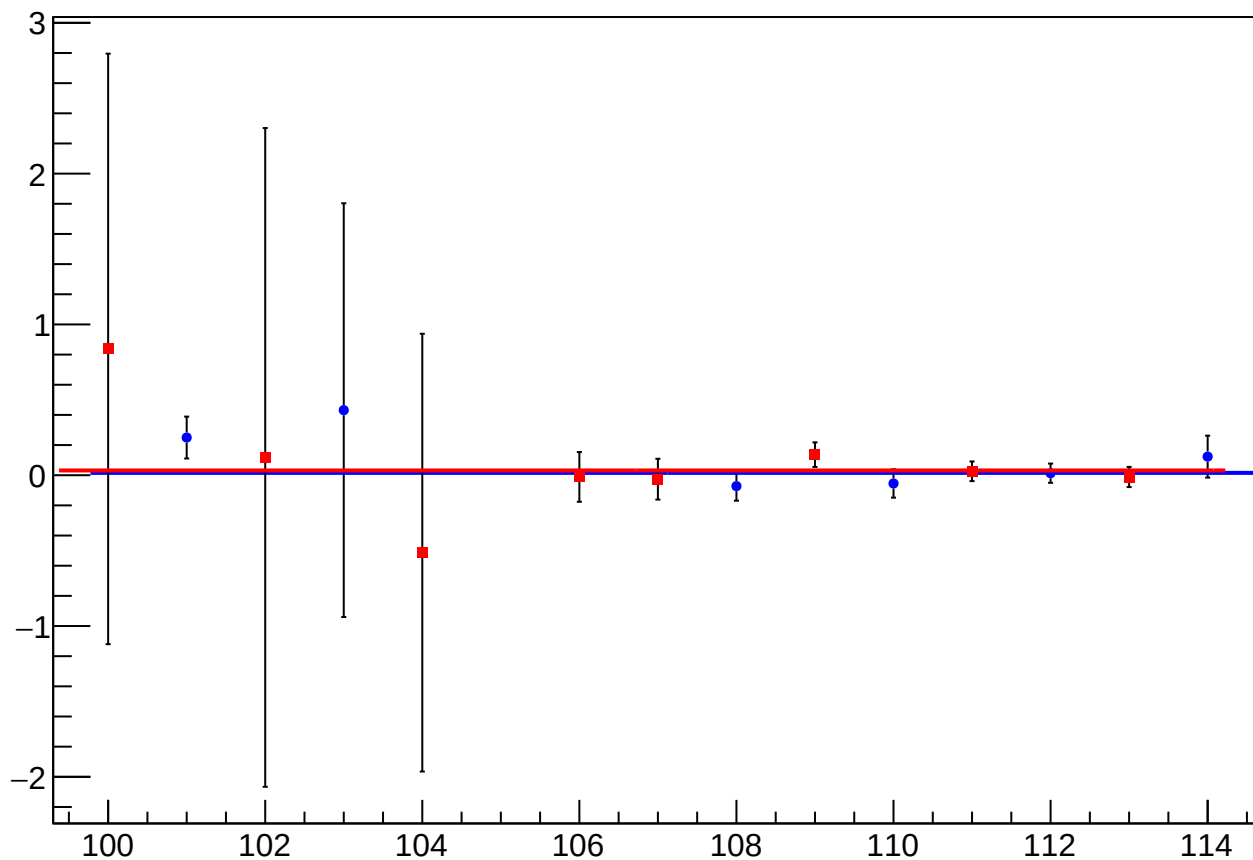
Right: 0.000+/-0.000 χ^2/NDF : 757745.0/13

In: 0.000+/-0.000 χ^2/NDF : 288596.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 757745.0/13

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

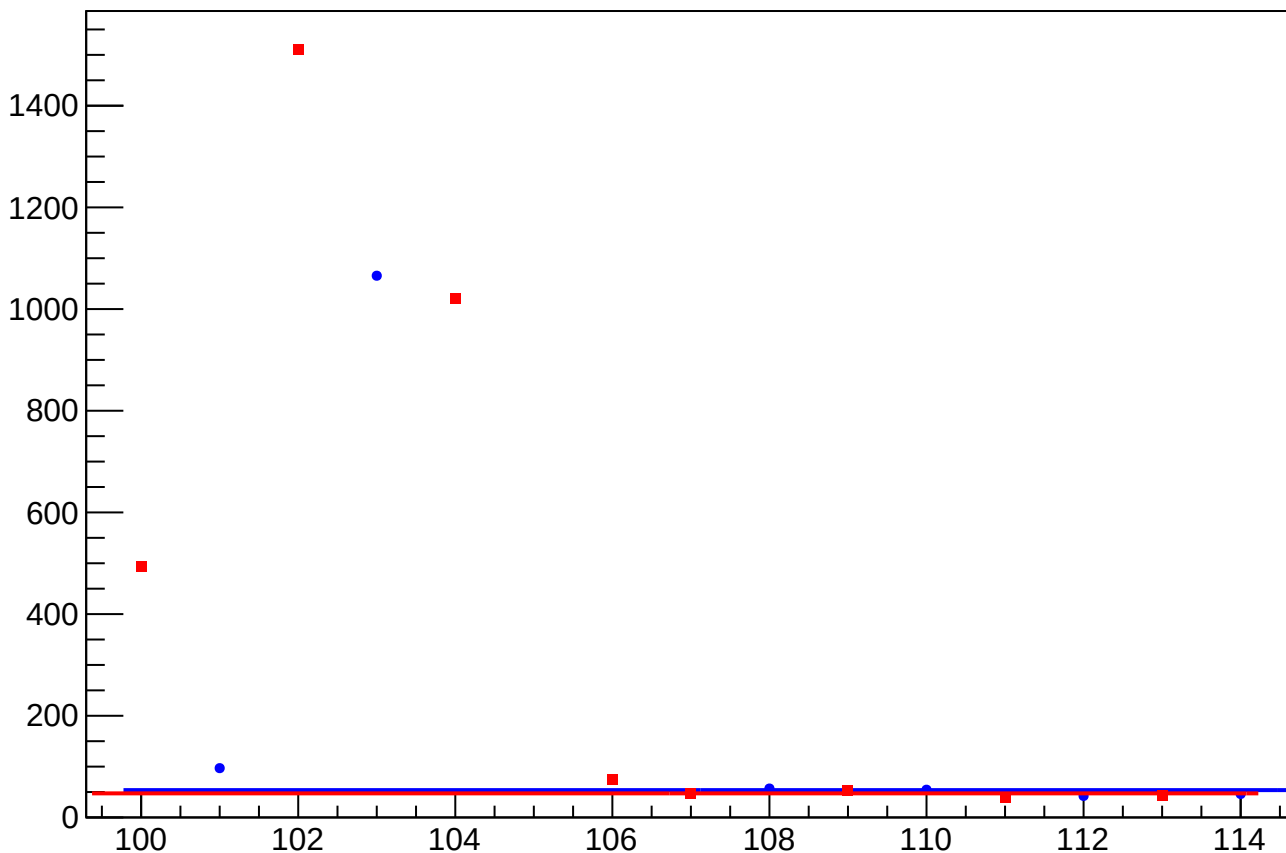
Right: 0.024 $\pm$ 0.028 χ^2 /NDF: 7.7/13

In: 0.016 $\pm$ 0.042 χ^2 /NDF:4.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.028 χ^2 /NDF: 7.7/13

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

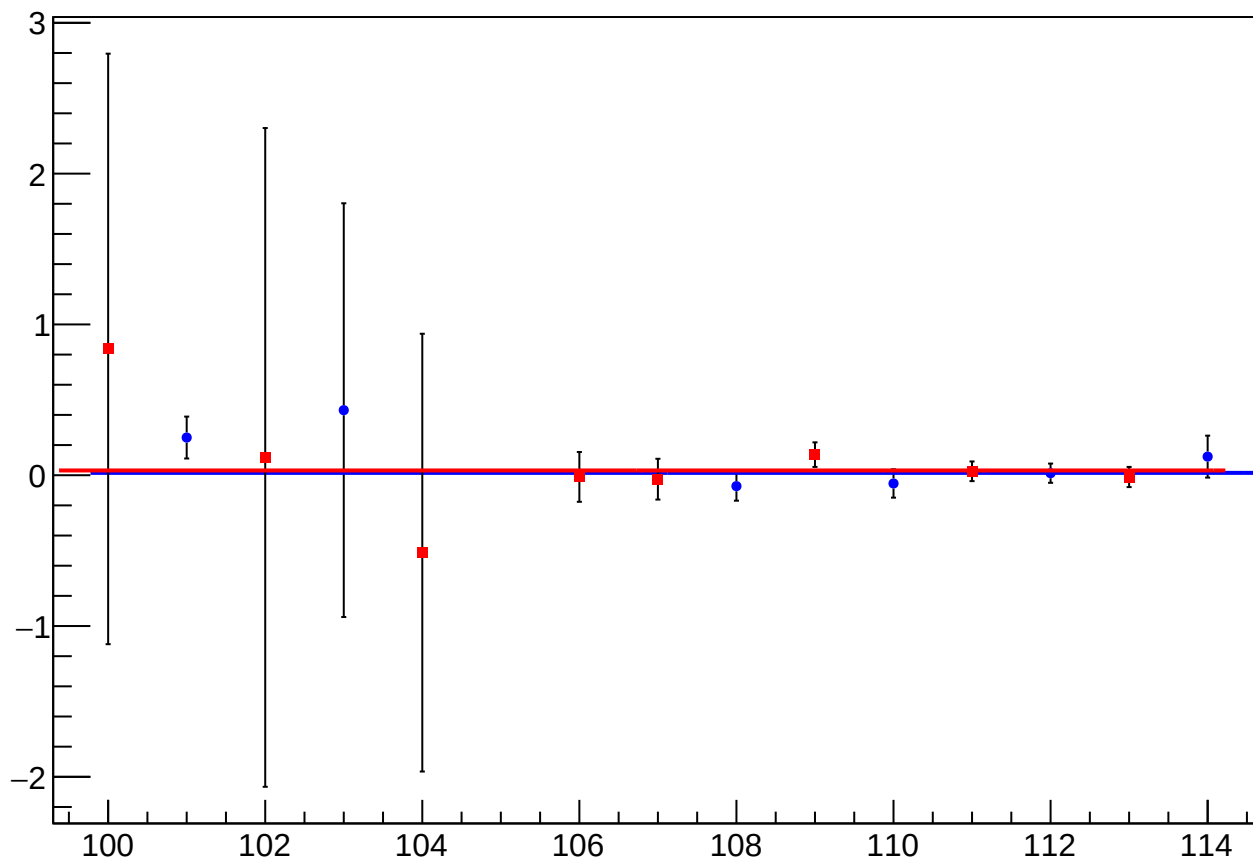
Right: 50.244+/-0.020 χ^2/NDF : 3382216.1/13

In: 53.773+/-0.030 χ^2/NDF : 1353852.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.244+/-0.020 χ^2/NDF : 3382216.1/13

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.042 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.038 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

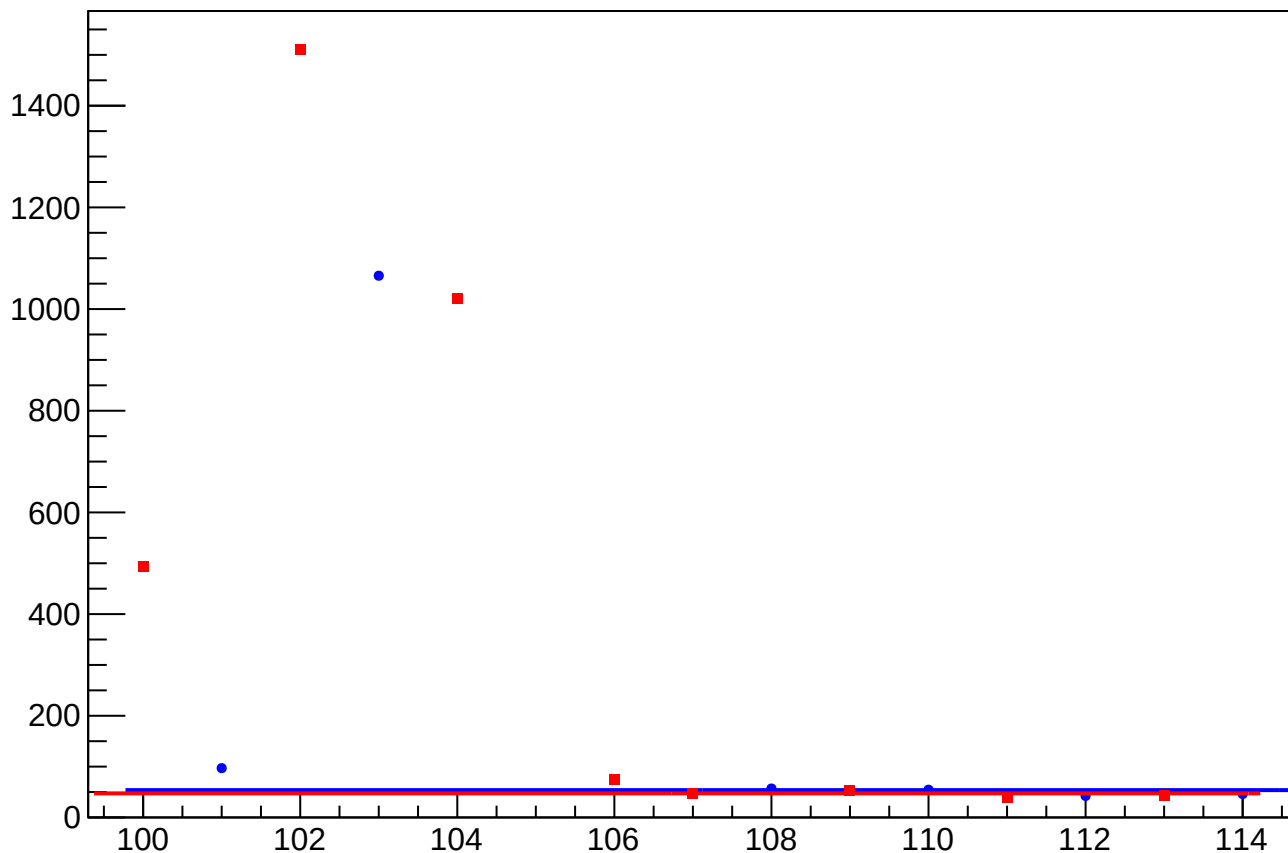
Right: 0.024+/-0.028 χ^2/NDF : 7.7/13

In: 0.016+/-0.042 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.028 χ^2/NDF : 7.7/13

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

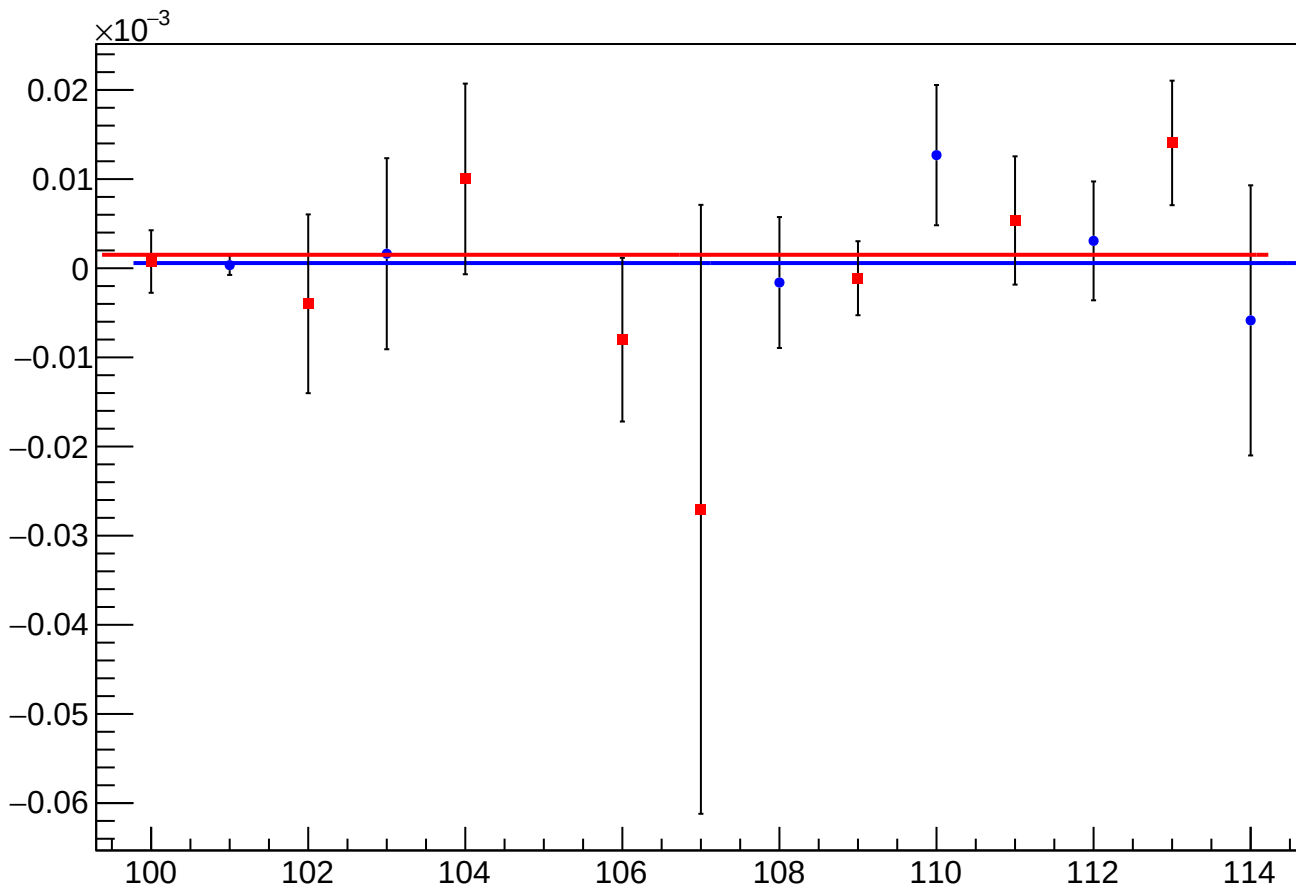
Right: 50.244+/-0.020 χ^2/NDF : 3382216.1/13

In: 53.773+/-0.030 χ^2/NDF : 1353852.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.244+/-0.020 χ^2/NDF : 3382216.1/13

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 2.8/5

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

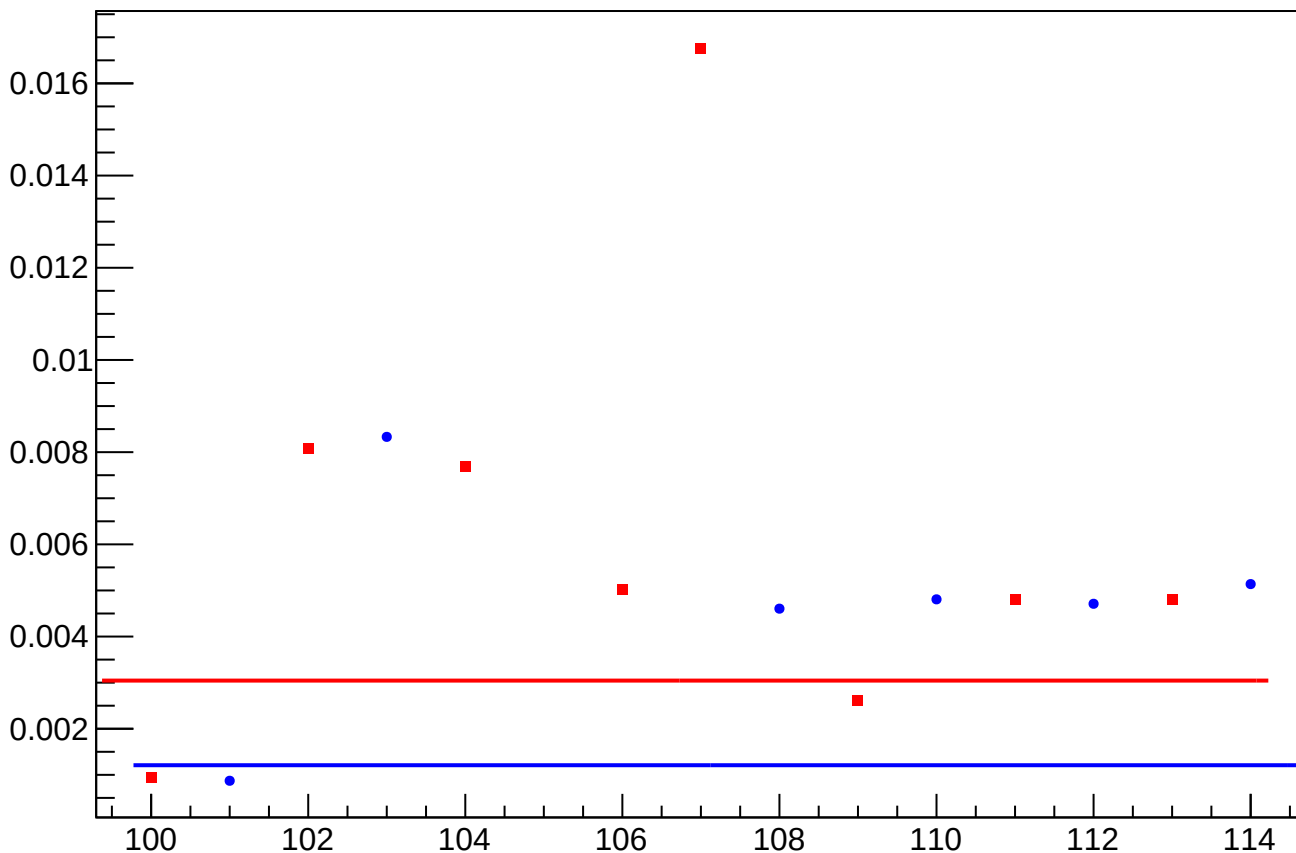
Right: 0.000 +/- 0.000 χ^2/NDF : 9.6/13

In: 0.000 +/- 0.000 χ^2/NDF : 2.8/5

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 9.6/13

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

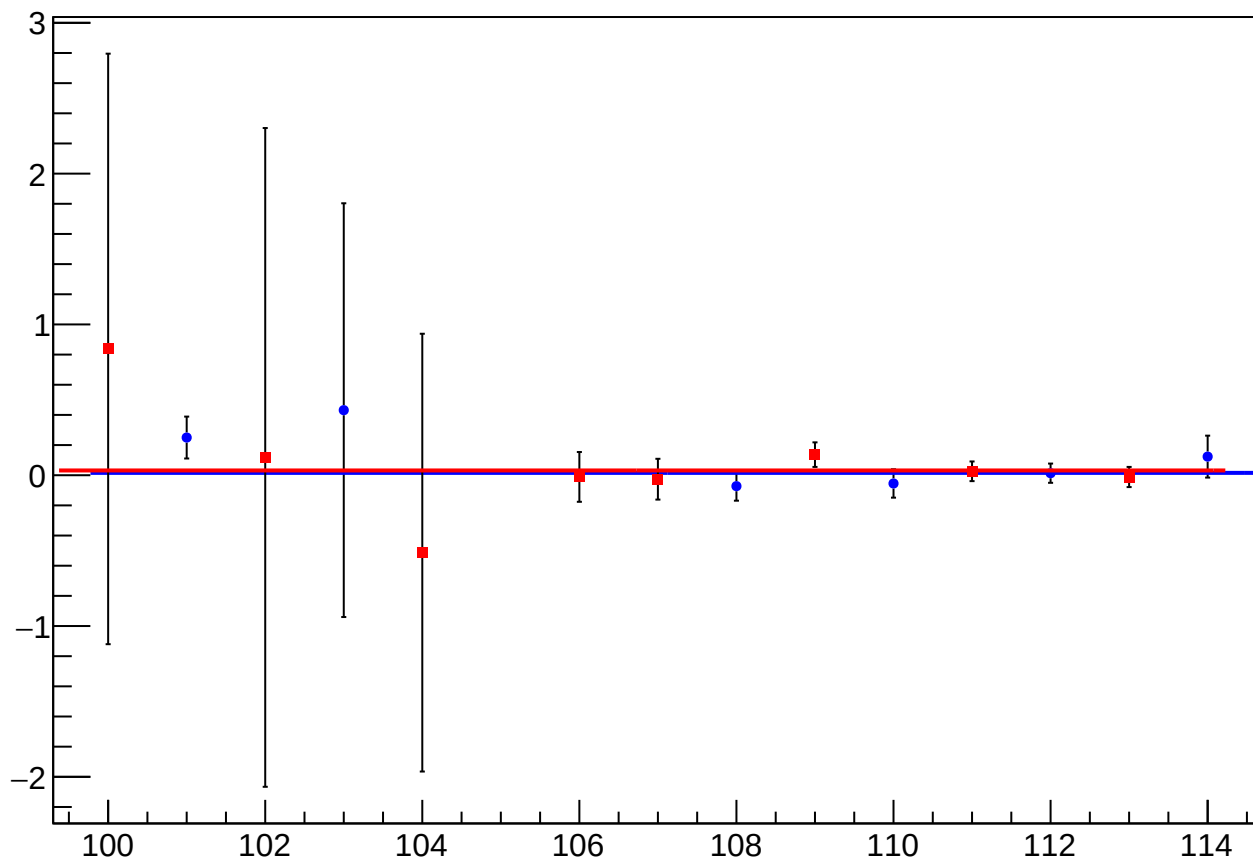
Right: 0.002+/-0.000 χ^2/NDF : 6034309.7/13

In: 0.001+/-0.000 χ^2/NDF :2603977.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6034309.7/13

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.042 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.032+/-0.038 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

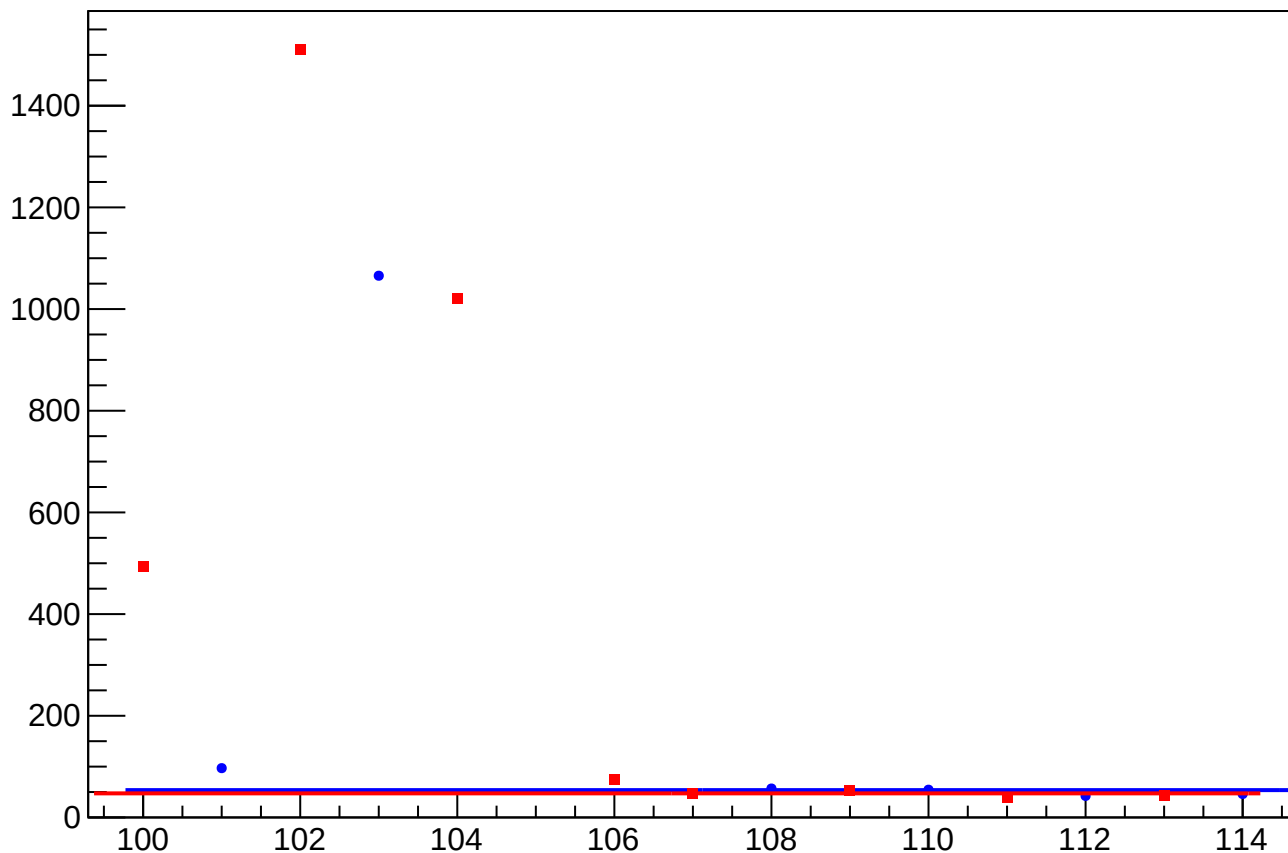
Right: 0.024+/-0.028 χ^2/NDF : 7.7/13

In: 0.016+/-0.042 χ^2/NDF :4.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.028 χ^2/NDF : 7.7/13

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

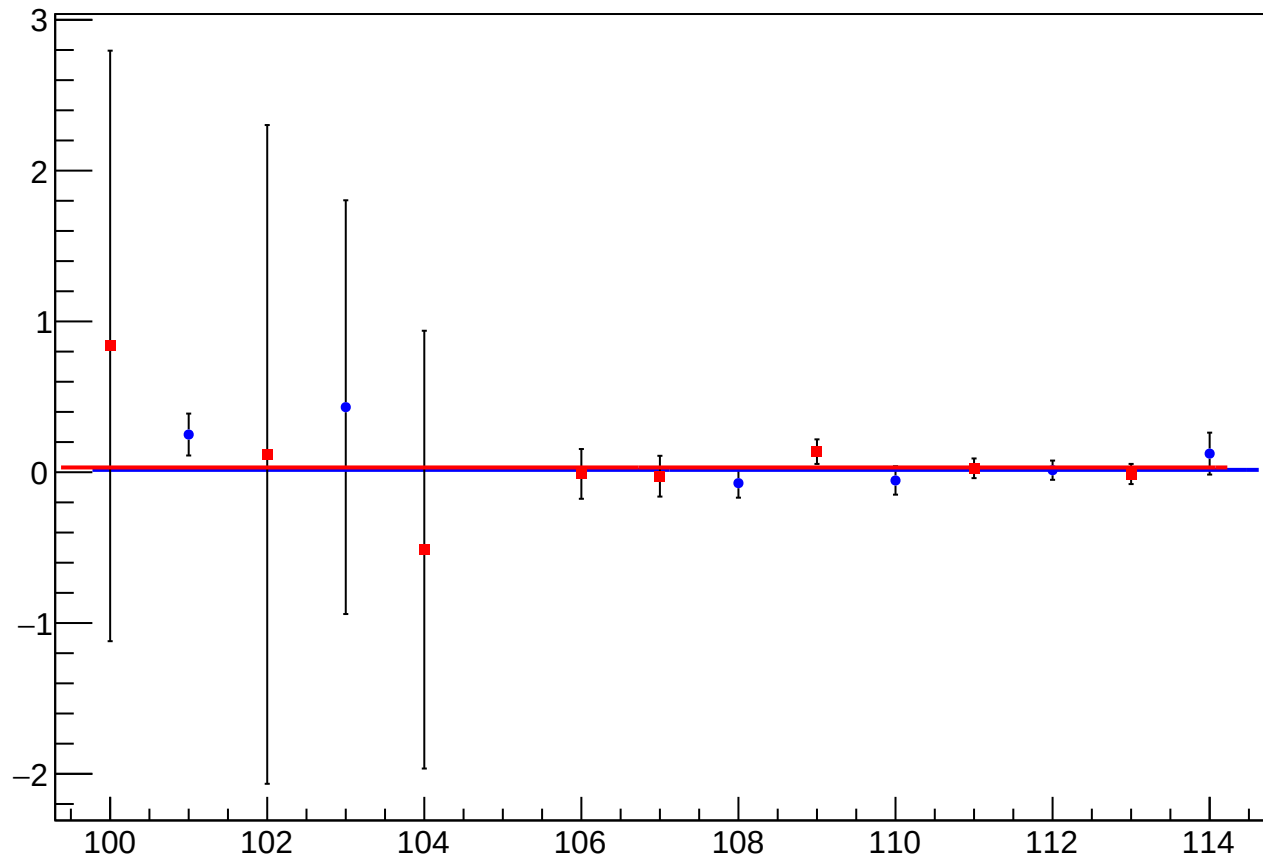
Right: 50.245+/-0.020 χ^2/NDF : 3382205.6/13

In: 53.774+/-0.030 χ^2/NDF : 1353839.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.245+/-0.020 χ^2/NDF : 3382205.6/13

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.042 χ^2/NDF : 4.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.038 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

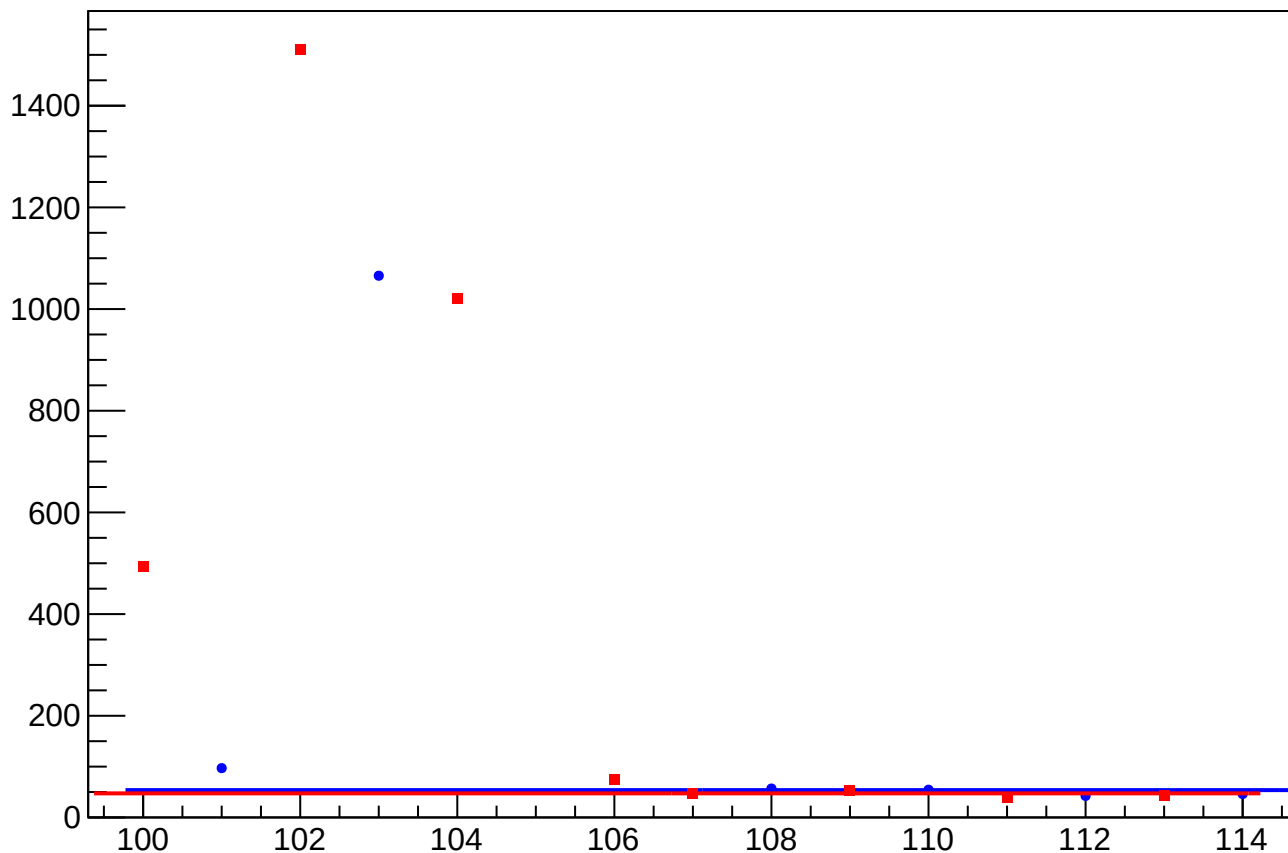
Right: 0.024+/-0.028 χ^2/NDF : 7.7/13

In: 0.016+/-0.042 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.028 χ^2/NDF : 7.7/13

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

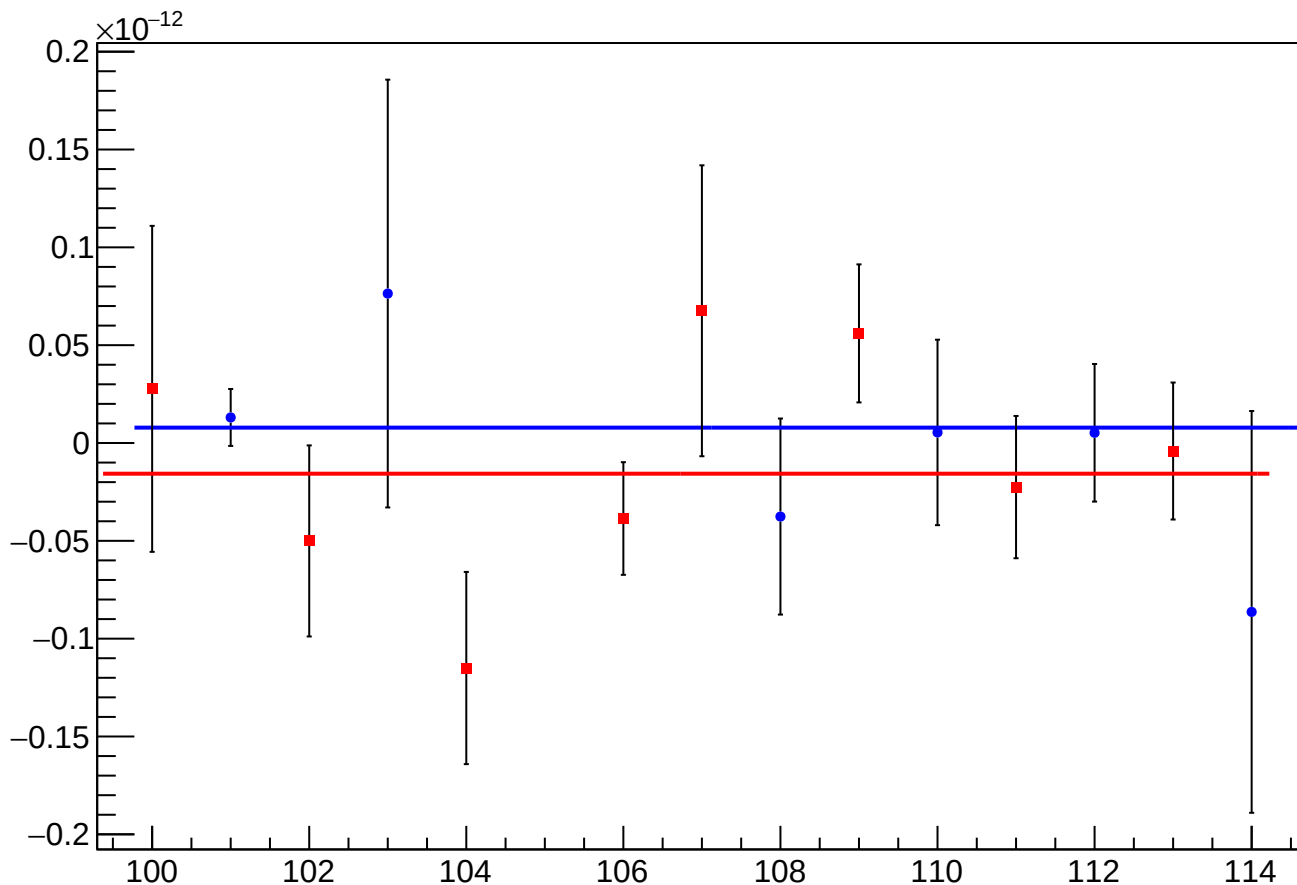
Right: 50.245+/-0.020 χ^2/NDF : 3382205.6/13

In: 53.774+/-0.030 χ^2/NDF : 1353839.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.245+/-0.020 χ^2/NDF : 3382205.6/13

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

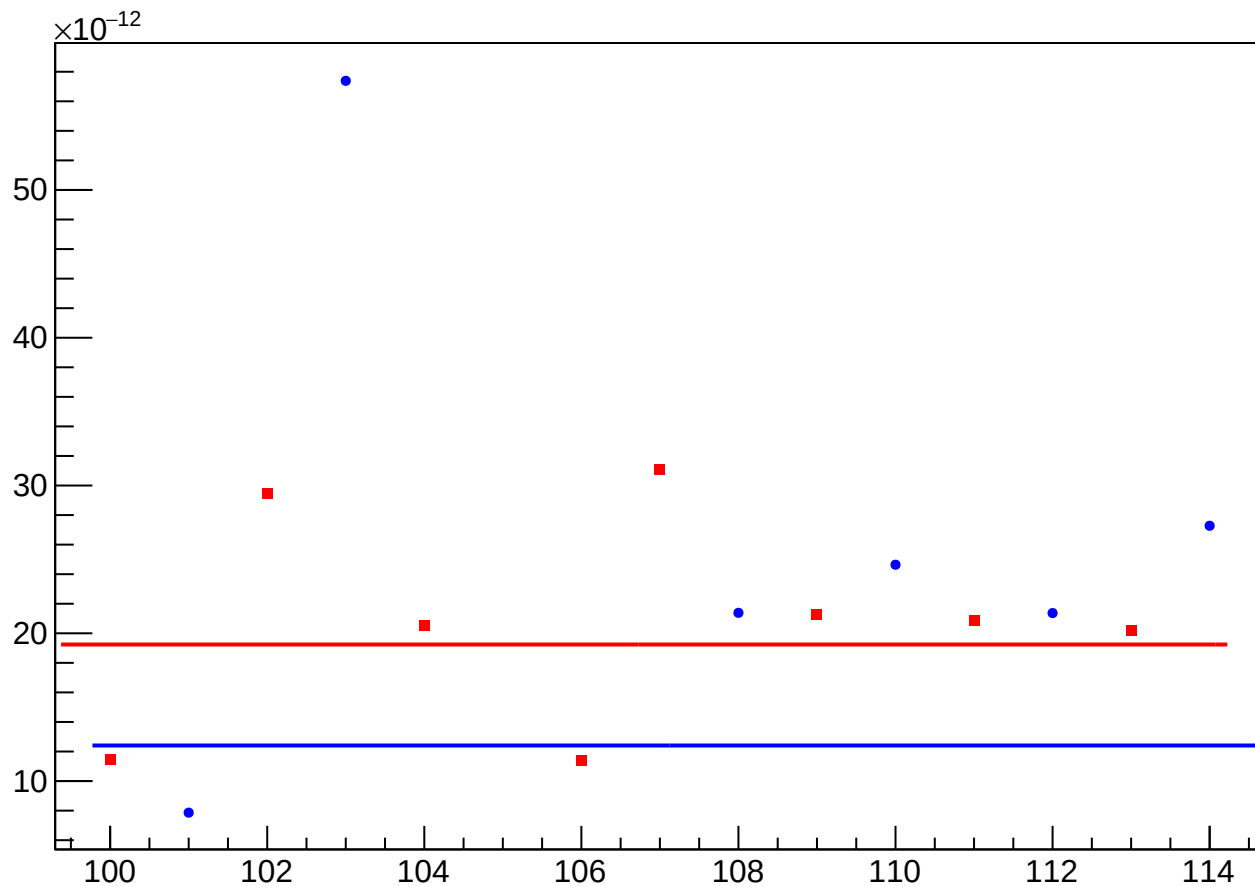
Right: -0.000+/-0.000 χ^2/NDF : 14.7/13

In: 0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/13

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

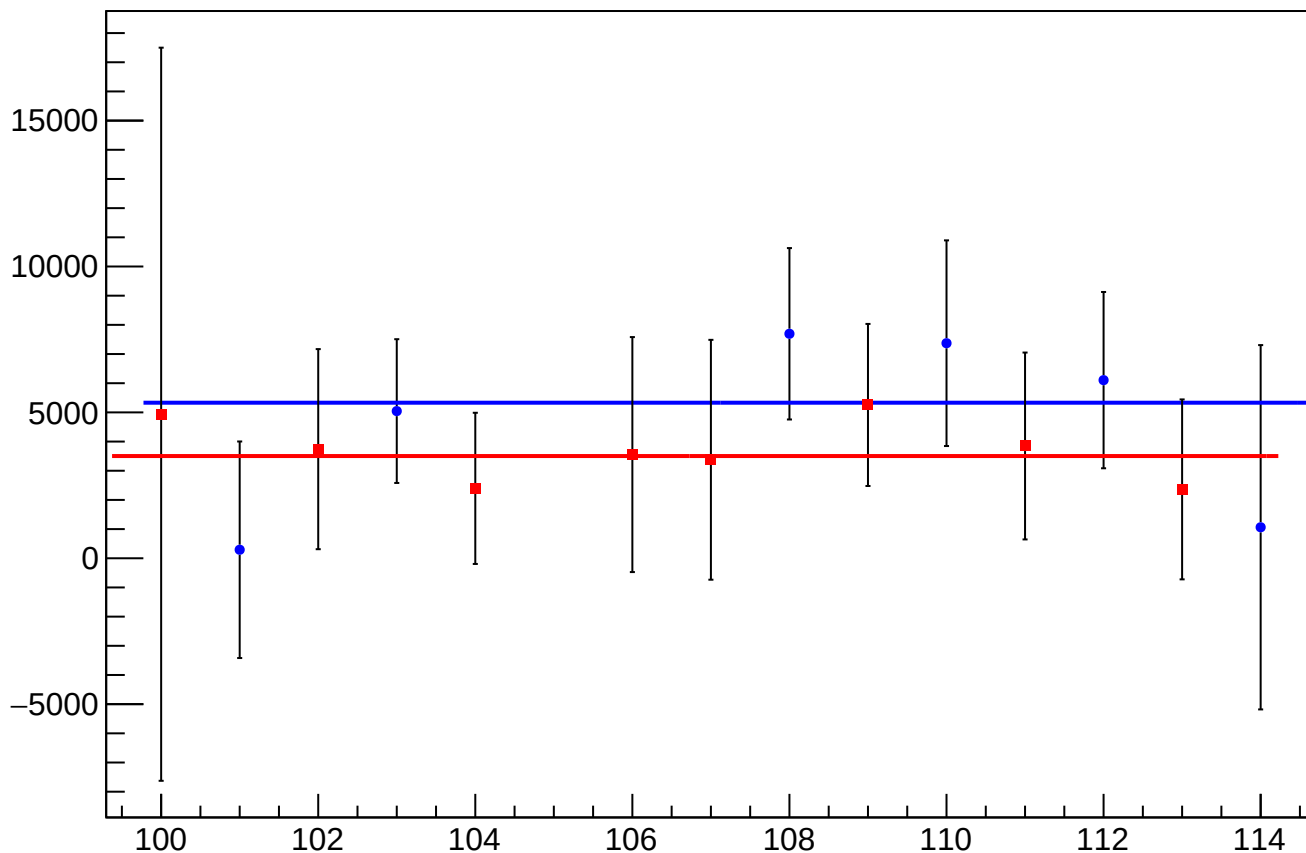
Right: 0.000+/-0.000 χ^2/NDF : 1478326.4/13

In: 0.000+/-0.000 χ^2/NDF : 902750.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1478326.4/13

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

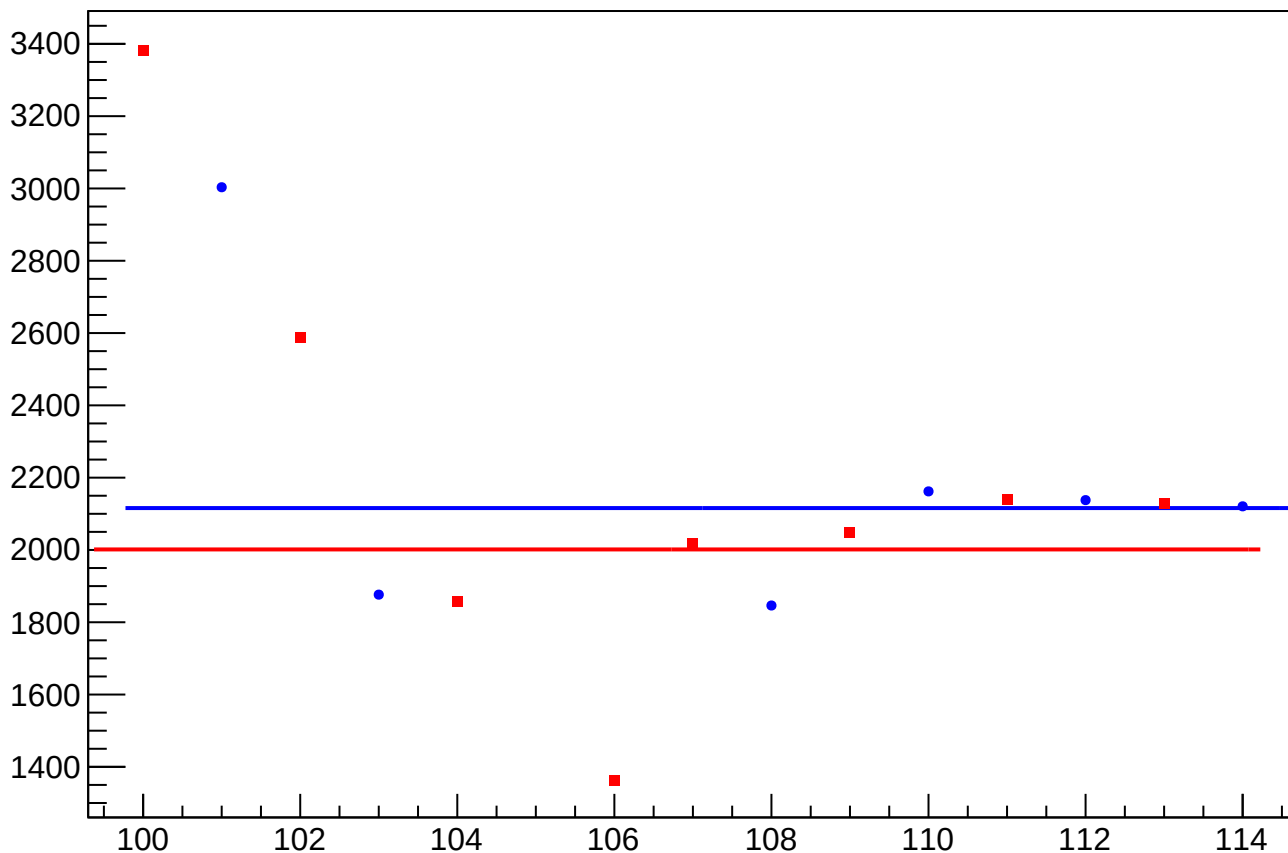
Right: 4327.532+/-889.964 χ^2 /NDF: 5.2/13

In: 5331.719+/-1325.697 χ^2 /NDF:3.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4327.532+/-889.964 χ^2 /NDF: 5.2/13

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2115.864+/-0.937 χ^2/NDF : 150592.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2001.430+/-0.820 χ^2/NDF : 187221.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

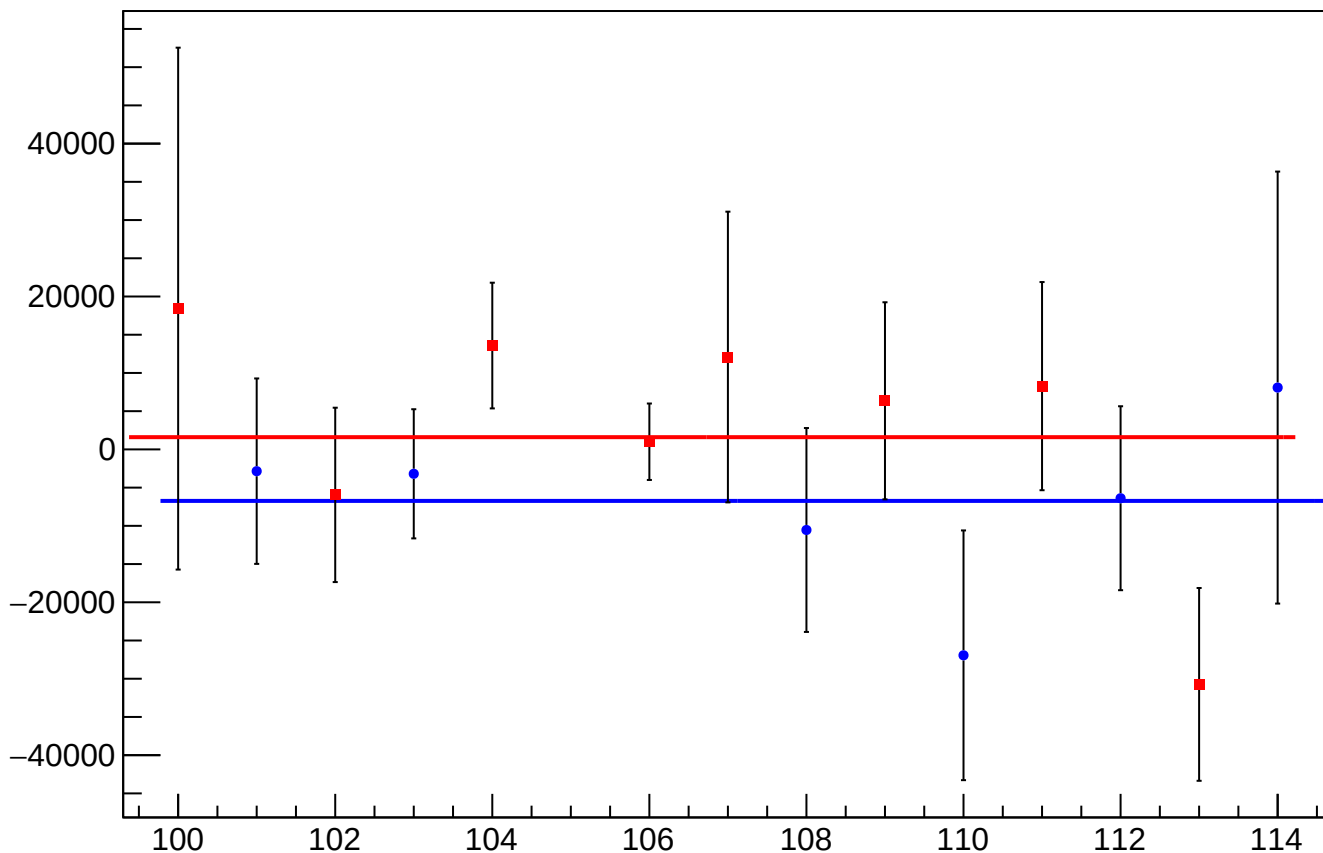
Right: 2051.048+/-0.617 χ^2/NDF : 346254.1/13

In: 2115.864+/-0.937 χ^2/NDF : 150592.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.048+/-0.617 χ^2/NDF : 346254.1/13

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

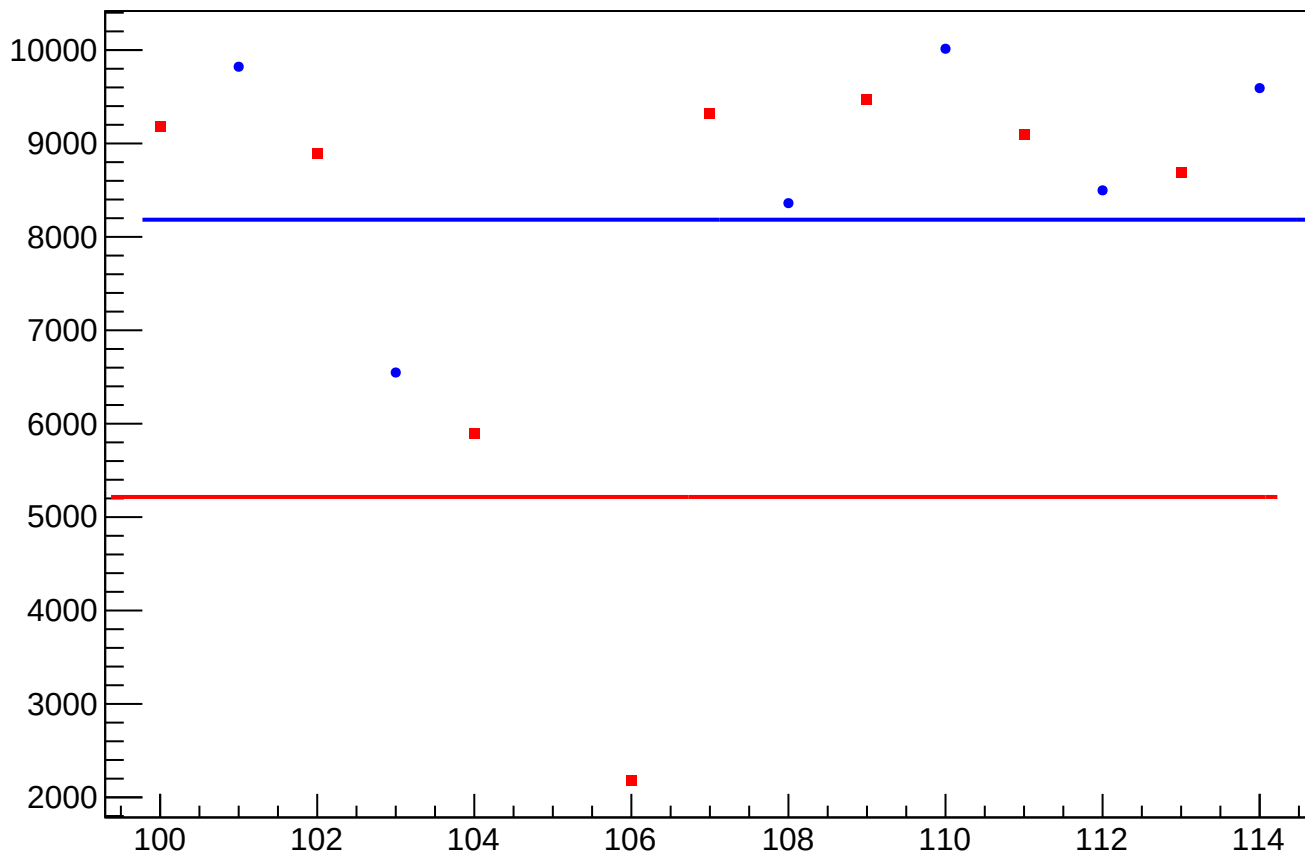
Right: -1017.392+/-2861.268 χ^2/NDF : 14.1/13

In: -6737.989+/-5107.013 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1017.392+/-2861.268 χ^2/NDF : 14.1/13

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

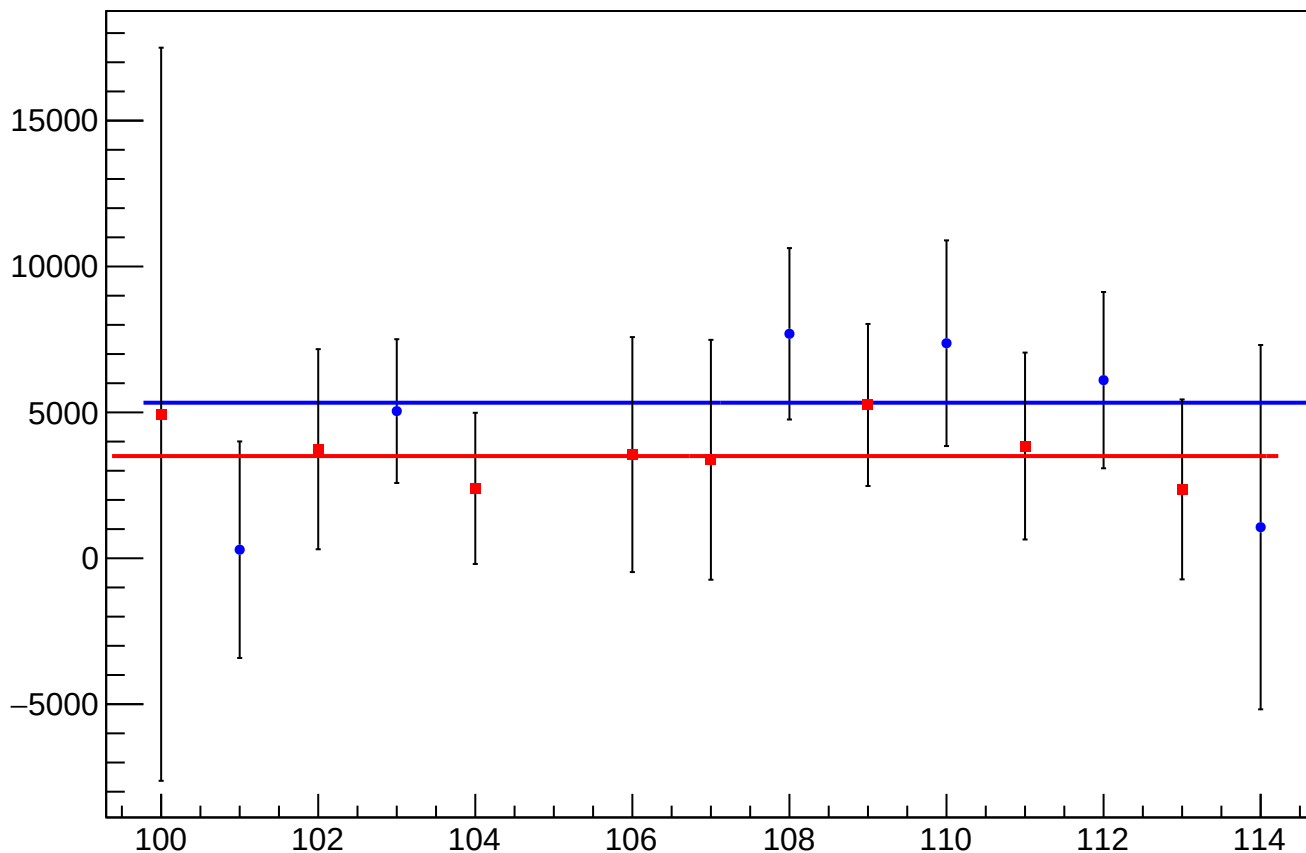
Right: 6147.406+/-2.023 χ^2/NDF : 2217127.8/13

In: 8183.989+/-3.611 χ^2/NDF : 143254.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6147.406+/-2.023 χ^2/NDF : 2217127.8/13

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5332.118+/-1325.697 χ^2 /NDF: 3.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3503.312+/-1200.756 χ^2 /NDF: 0.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

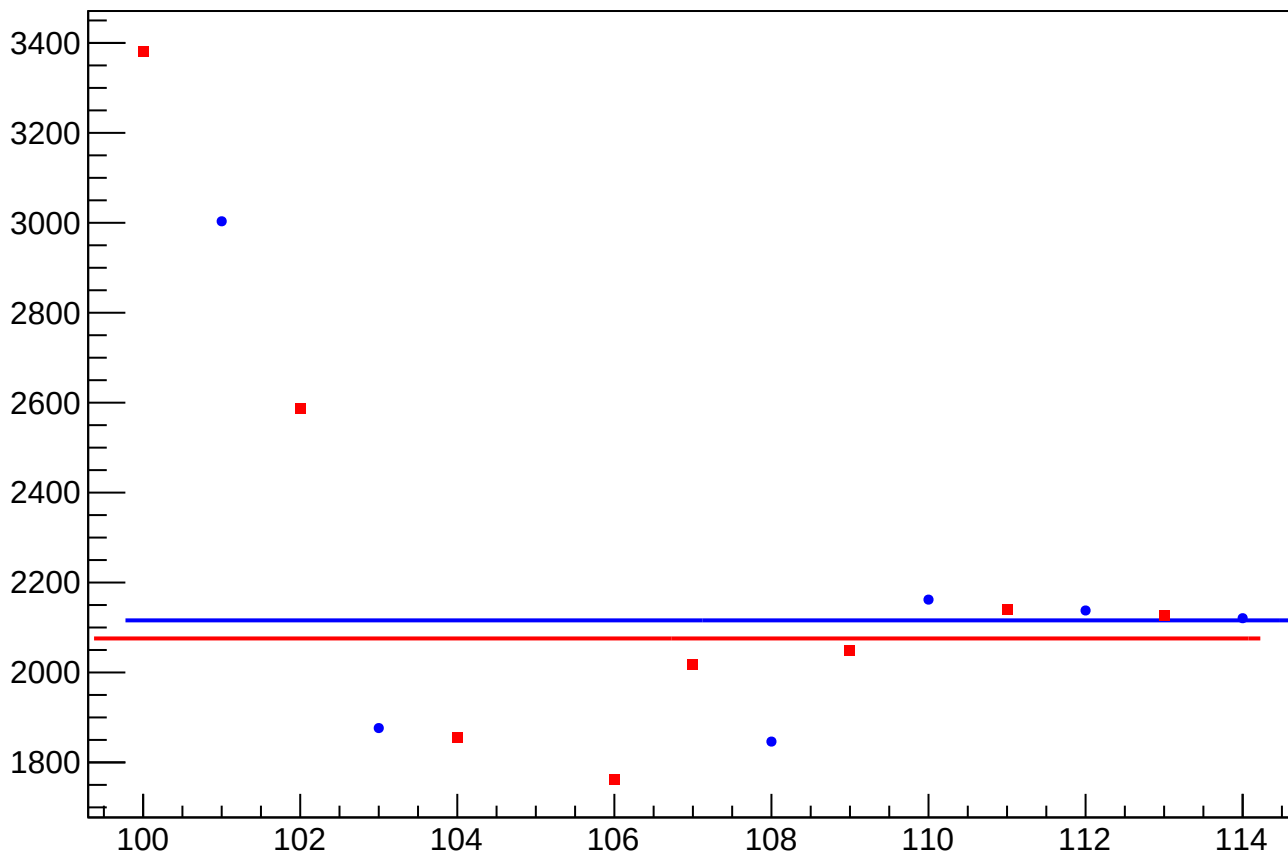
Right: 4327.495+/-889.964 χ^2 /NDF: 5.2/13

In: 5332.118+/-1325.697 χ^2 /NDF:3.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4327.495+/-889.964 χ^2 /NDF: 5.2/13

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2115.864+/-0.937 χ^2/NDF : 150592.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2075.643+/-0.840 χ^2/NDF : 97607.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

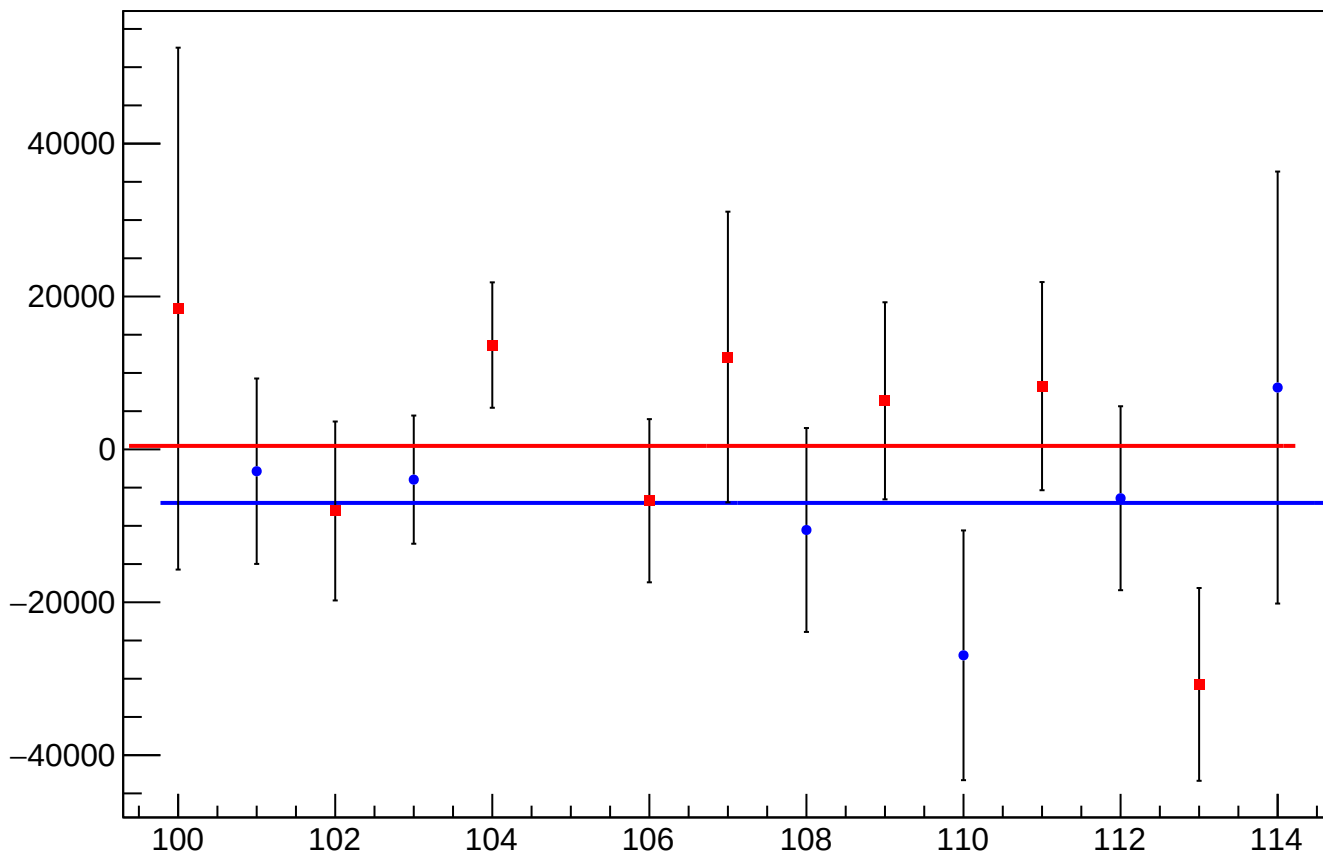
Right: 2093.553+/-0.626 χ^2/NDF : 249220.6/13

In: 2115.864+/-0.937 χ^2/NDF : 150592.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.553+/-0.626 χ^2/NDF : 249220.6/13

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

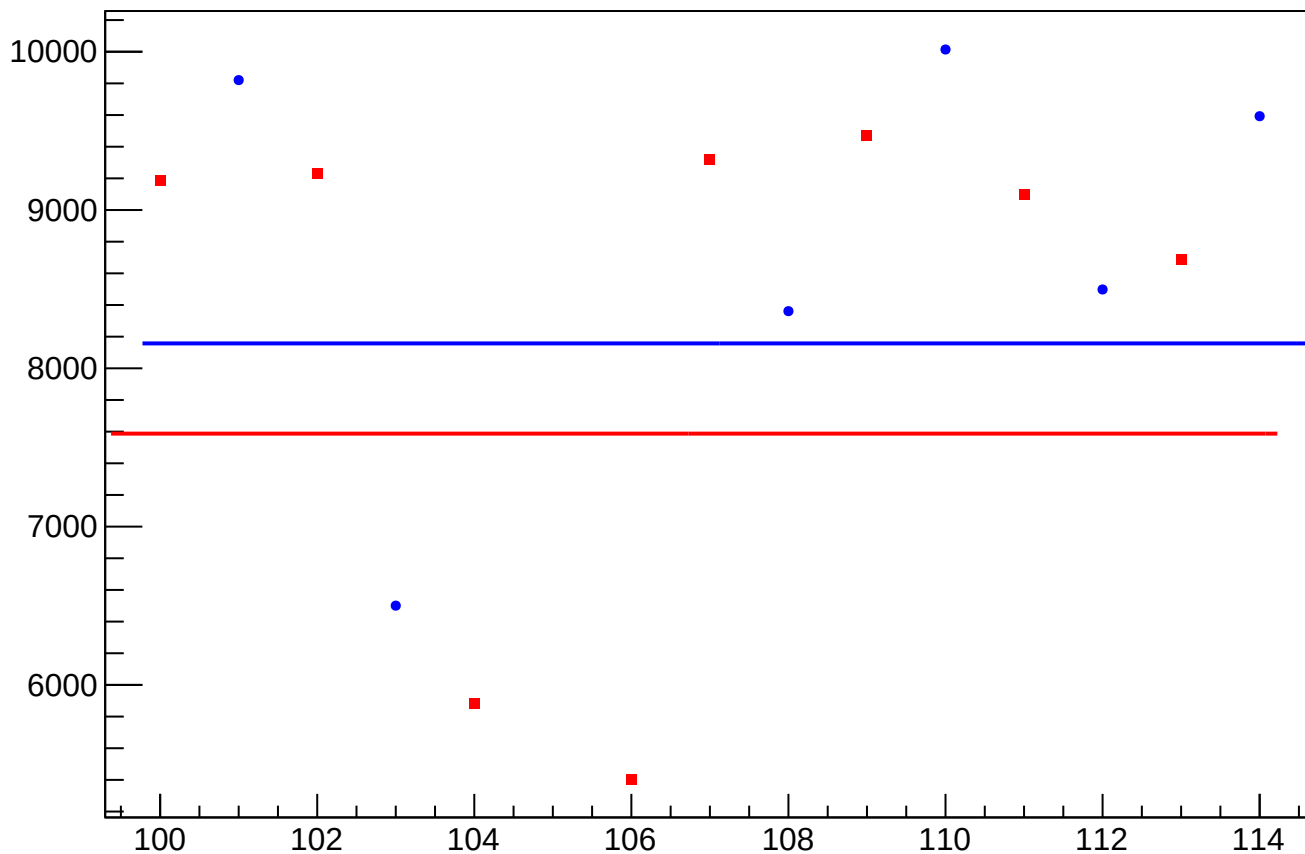
Right: -2708.790+/-3318.249 χ^2/NDF : 14.2/13

In: -7000.385+/-5092.706 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2708.790+/-3318.249 χ^2/NDF : 14.2/13

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

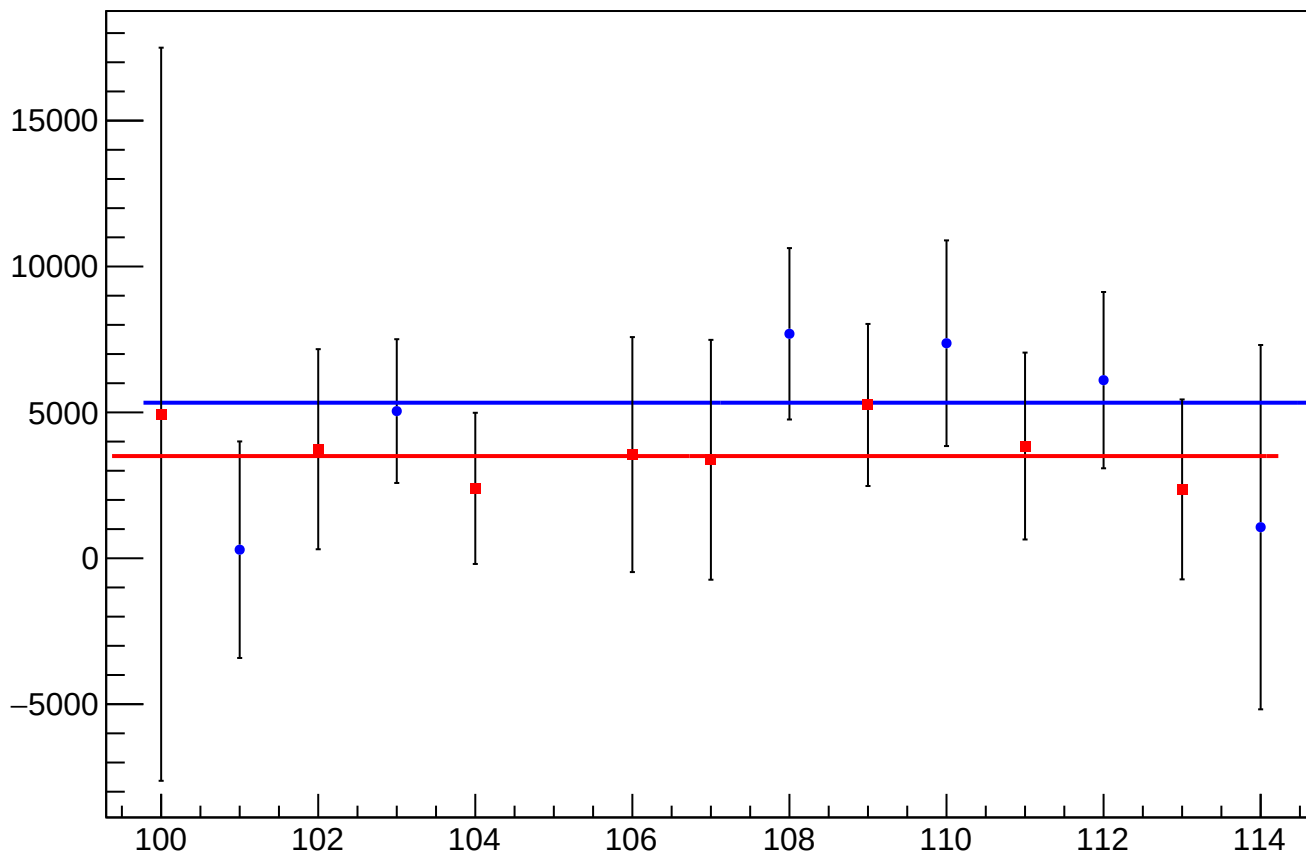
Right: 7829.379+/-2.346 χ^2/NDF : 476586.7/13

In: 8157.313+/-3.601 χ^2/NDF : 148786.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7829.379+/-2.346 χ^2/NDF : 476586.7/13

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5332.118+/-1325.697 χ^2 /NDF: 3.4/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3503.312+/-1200.756 χ^2 /NDF: 0.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

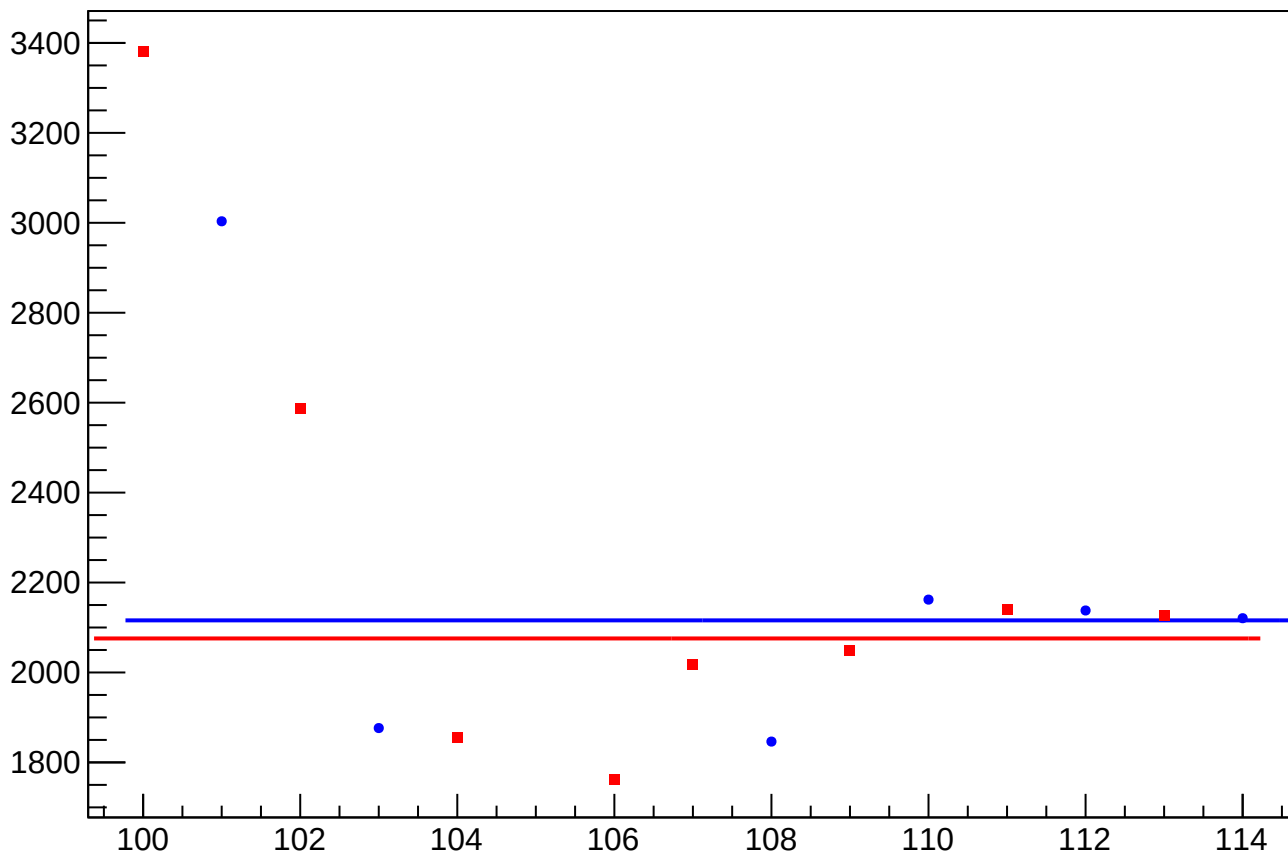
Right: 4327.495+/-889.964 χ^2 /NDF: 5.2/13

In: 5332.118+/-1325.697 χ^2 /NDF:3.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4327.495+/-889.964 χ^2 /NDF: 5.2/13

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2115.864+/-0.937 χ^2/NDF : 150592.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2075.643+/-0.840 χ^2/NDF : 97607.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

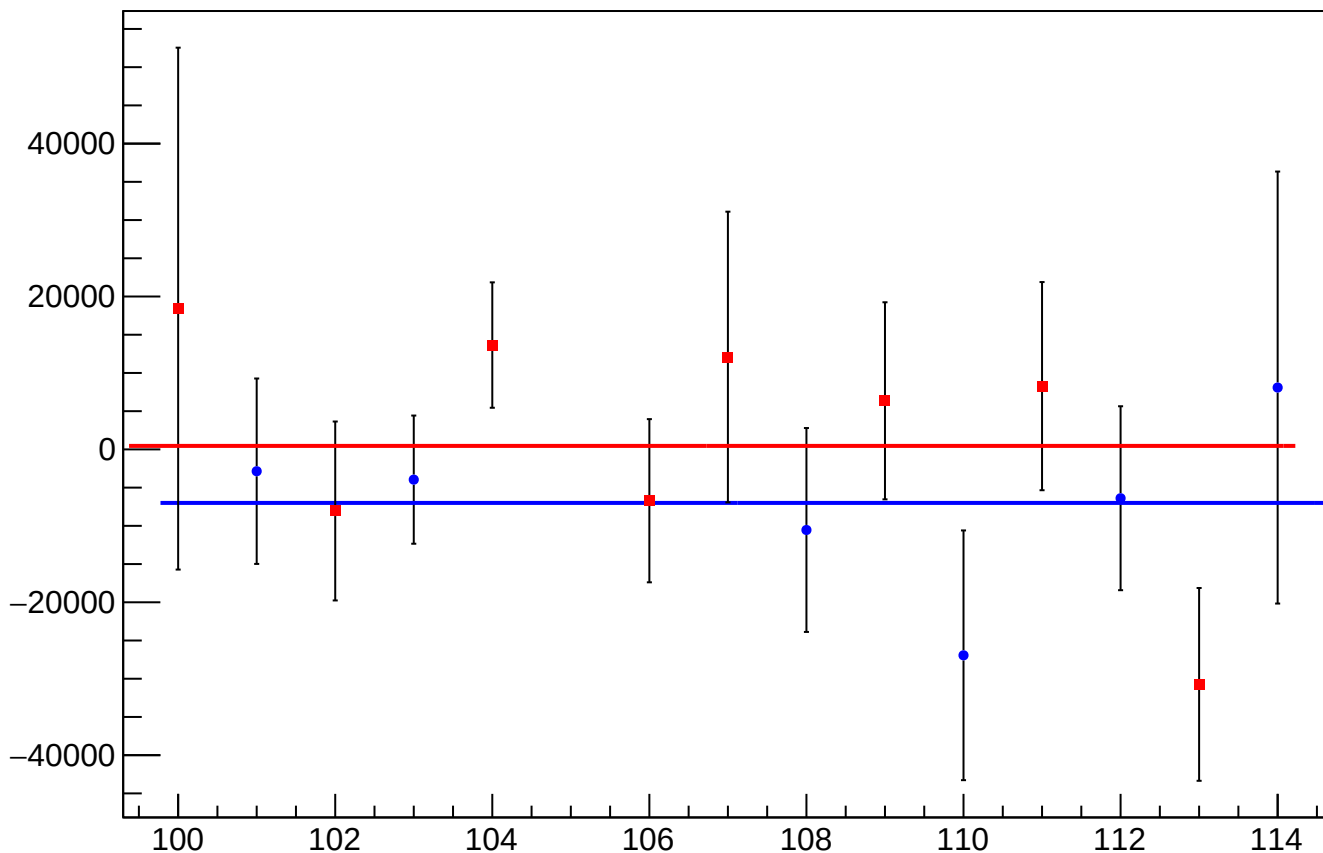
Right: 2093.553+/-0.626 χ^2/NDF : 249220.6/13

In: 2115.864+/-0.937 χ^2/NDF : 150592.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.553+/-0.626 χ^2/NDF : 249220.6/13

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

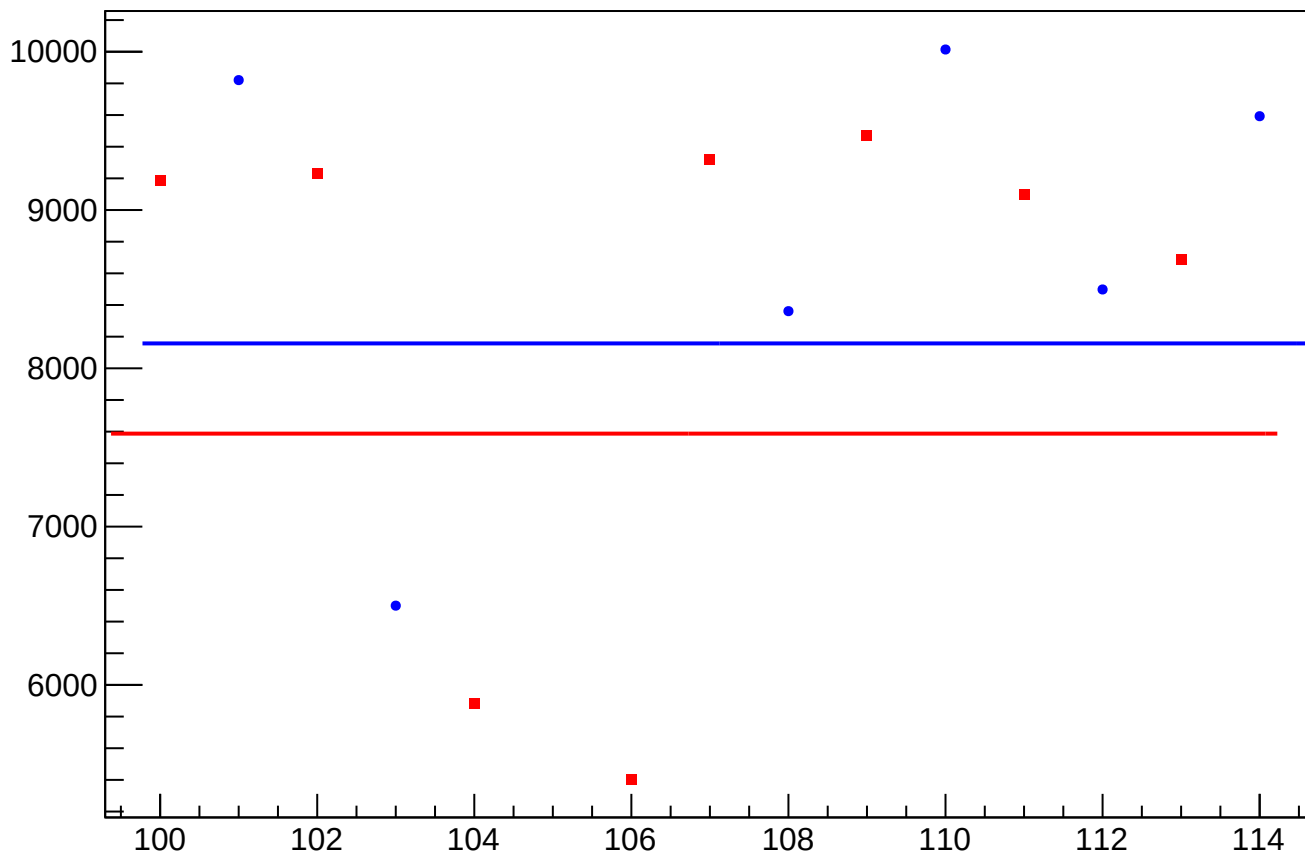
Right: -2708.790+/-3318.249 χ^2/NDF : 14.2/13

In: -7000.385+/-5092.706 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2708.790+/-3318.249 χ^2/NDF : 14.2/13

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

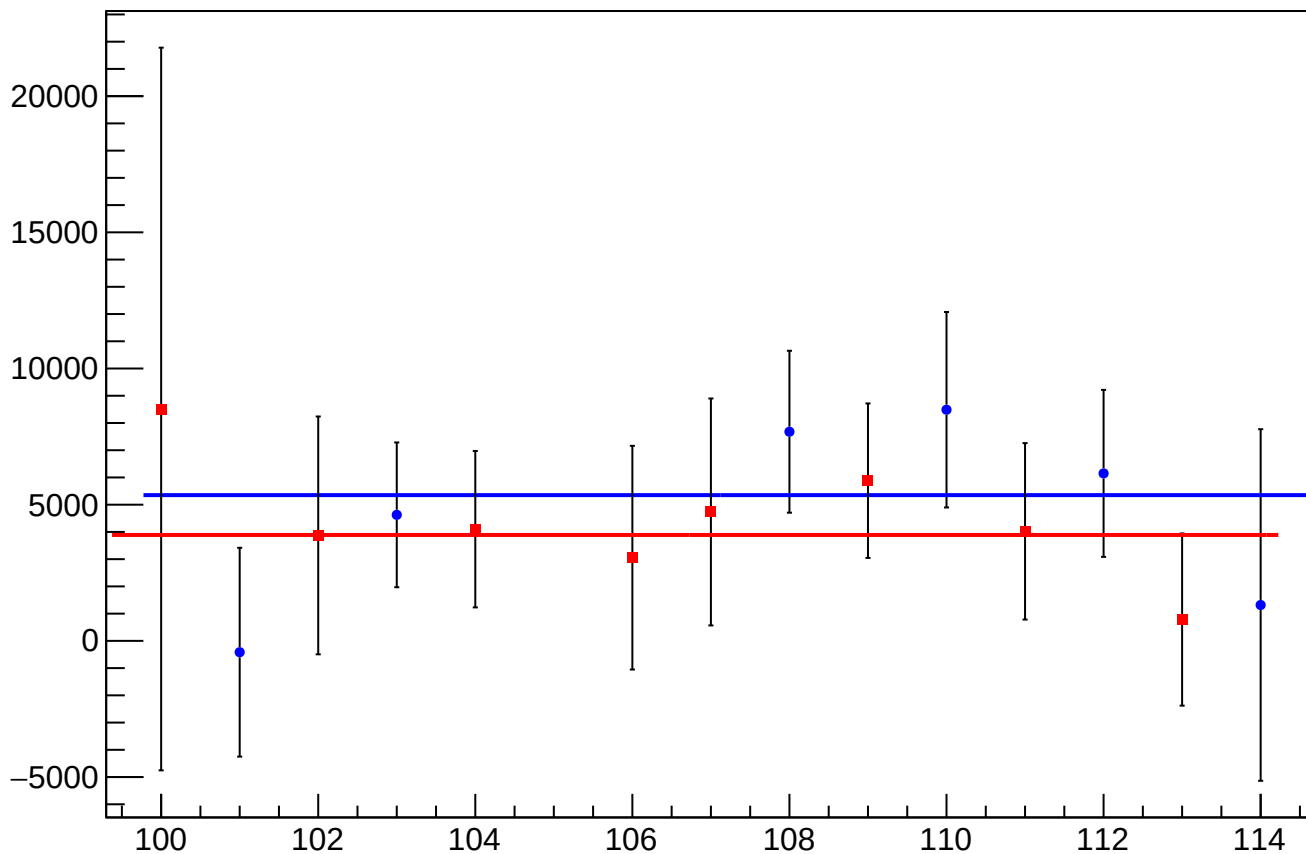
Right: 7829.379+/-2.346 χ^2/NDF : 476586.7/13

In: 8157.313+/-3.601 χ^2/NDF : 148786.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7829.379+/-2.346 χ^2/NDF : 476586.7/13

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

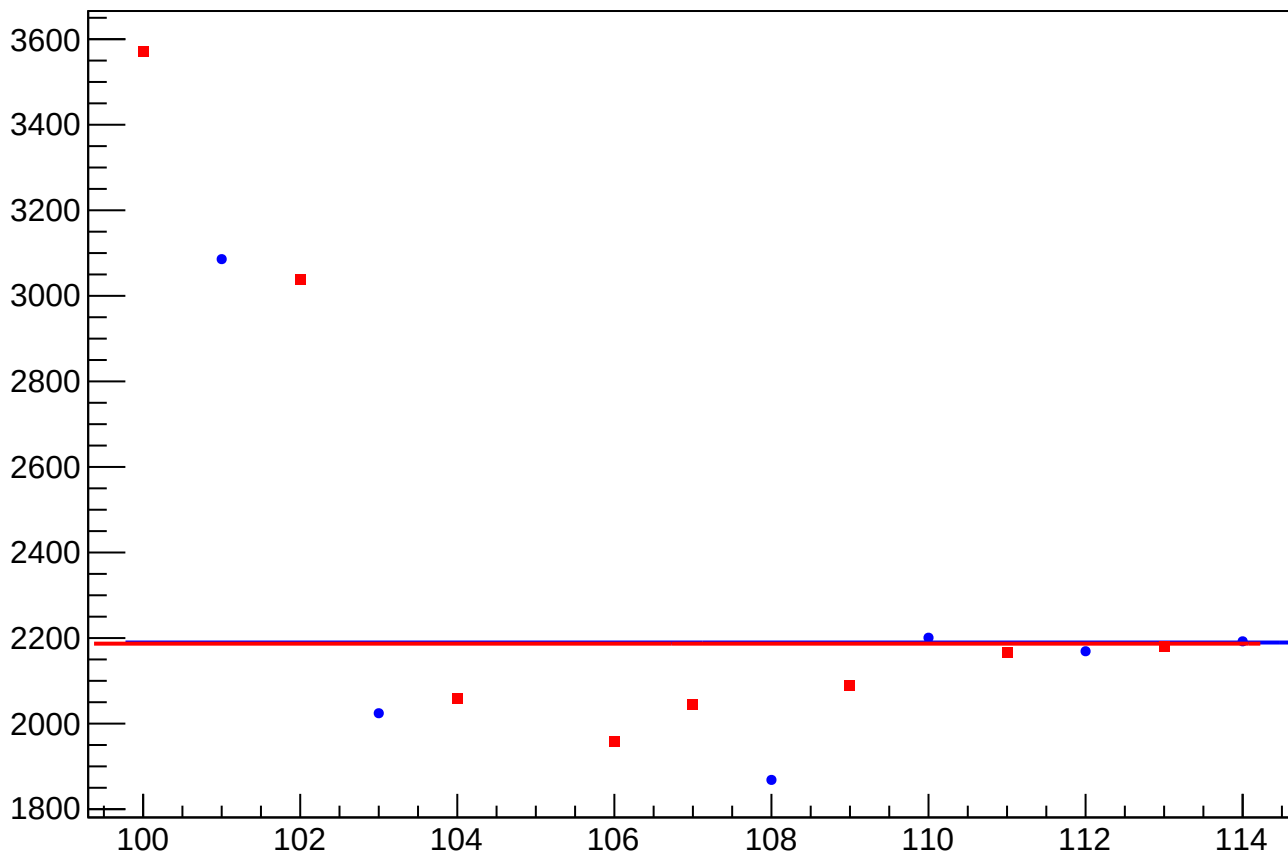
Right: 4565.386+/-933.782 χ^2/NDF : 6.5/13

In: 5351.289+/-1372.547 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4565.386+/-933.782 χ^2/NDF : 6.5/13

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



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

Right Out: 2186.921 $\pm$ 0.900 χ^2 /NDF: 113188.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

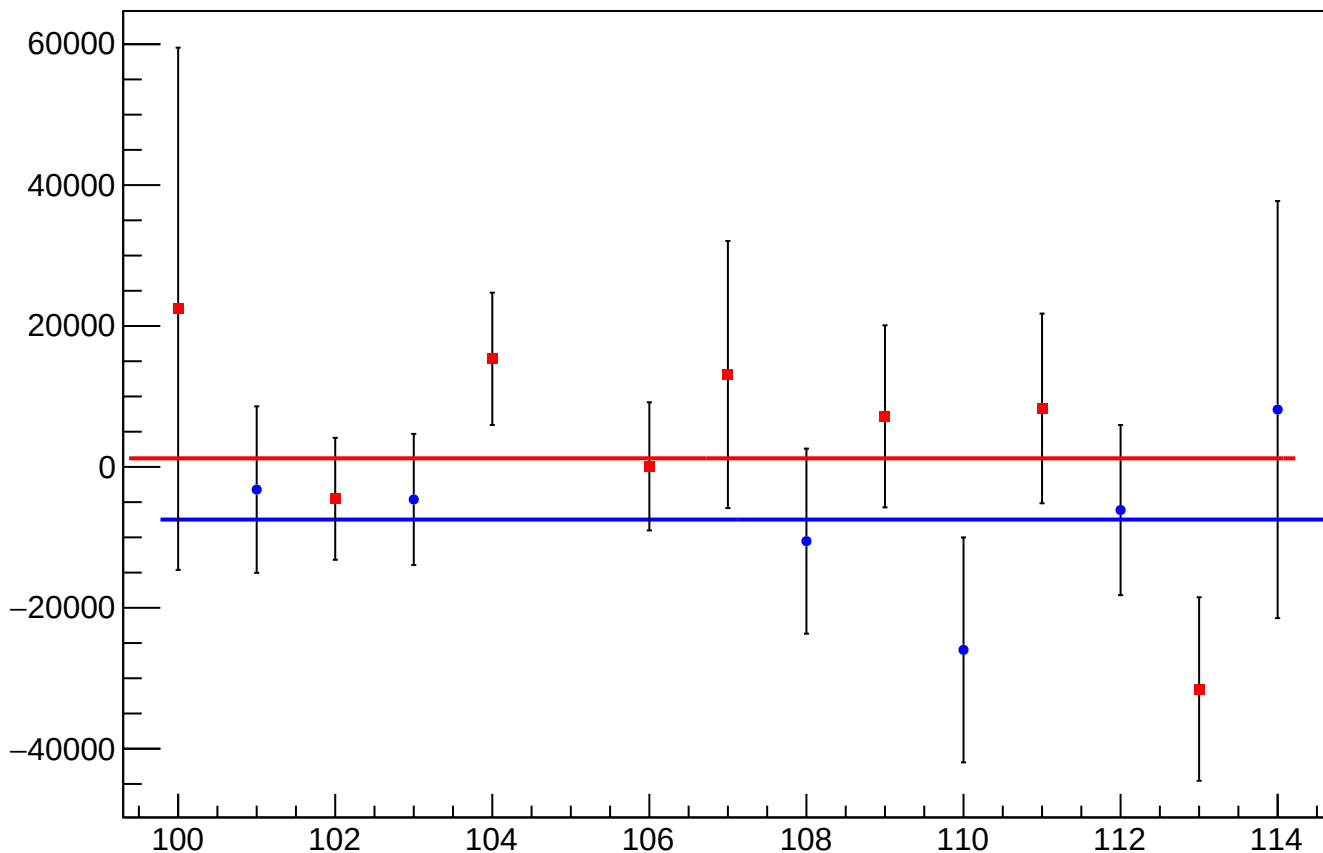
Right: 2188.150 $\pm$ 0.660 χ^2 /NDF: 253683.3/13

In: 2189.582 $\pm$ 0.971 χ^2 /NDF:140491.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2188.150 $\pm$ 0.660 χ^2 /NDF: 253683.3/13

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

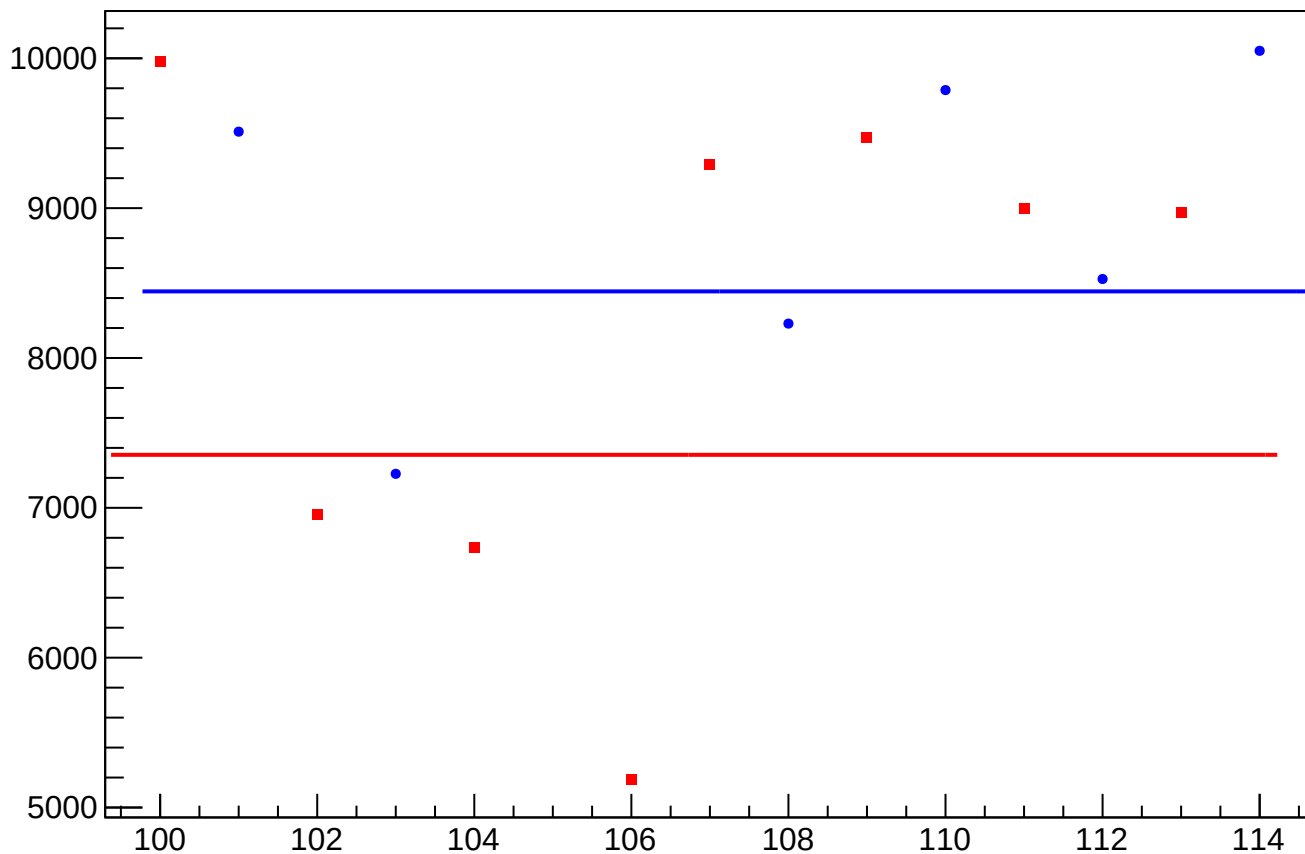
Right: -2141.312+/-3259.395 χ^2/NDF : 13.8/13

In: -7470.871+/-5239.935 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2141.312+/-3259.395 χ^2/NDF : 13.8/13

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8444.366+/-3.705 χ^2/NDF : 71169.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7353.678+/-2.943 χ^2/NDF : 272080.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

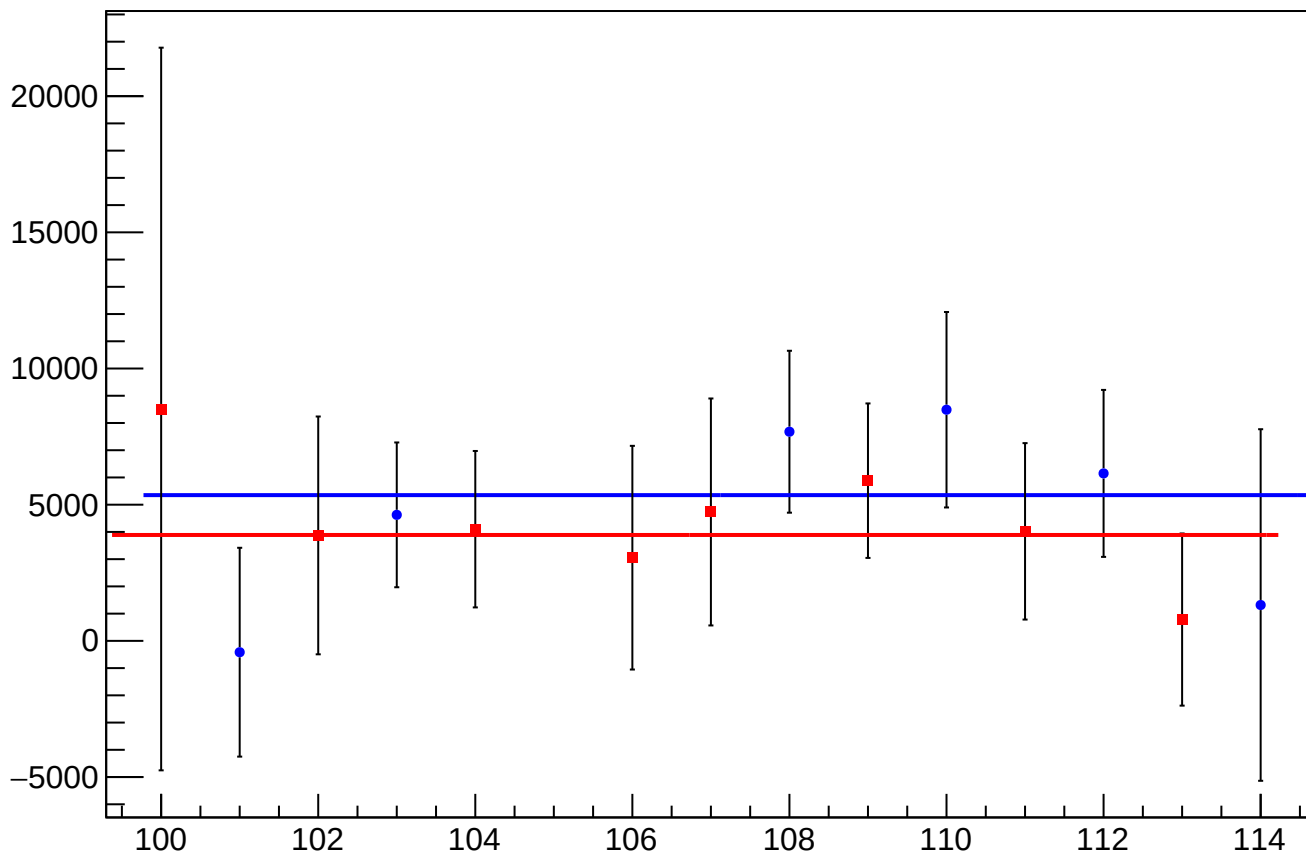
Right: 7775.688+/-2.305 χ^2/NDF : 396374.9/13

In: 8444.366+/-3.705 χ^2/NDF : 71169.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7775.688+/-2.305 χ^2/NDF : 396374.9/13

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

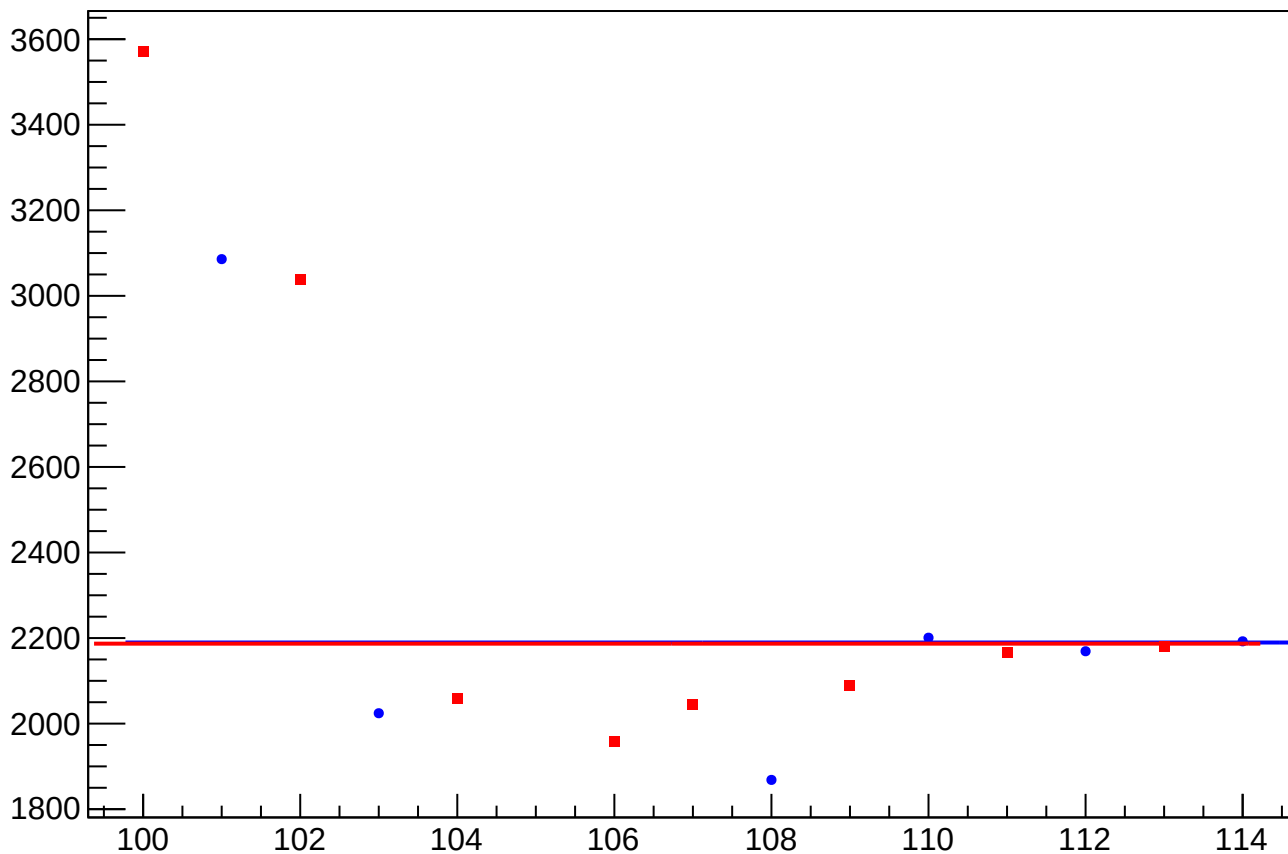
Right: 4565.393+/-933.782 χ^2/NDF : 6.5/13

In: 5351.299+/-1372.547 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4565.393+/-933.782 χ^2/NDF : 6.5/13

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2189.581+/-0.971 χ^2/NDF : 140491.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.920+/-0.900 χ^2/NDF : 113188.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

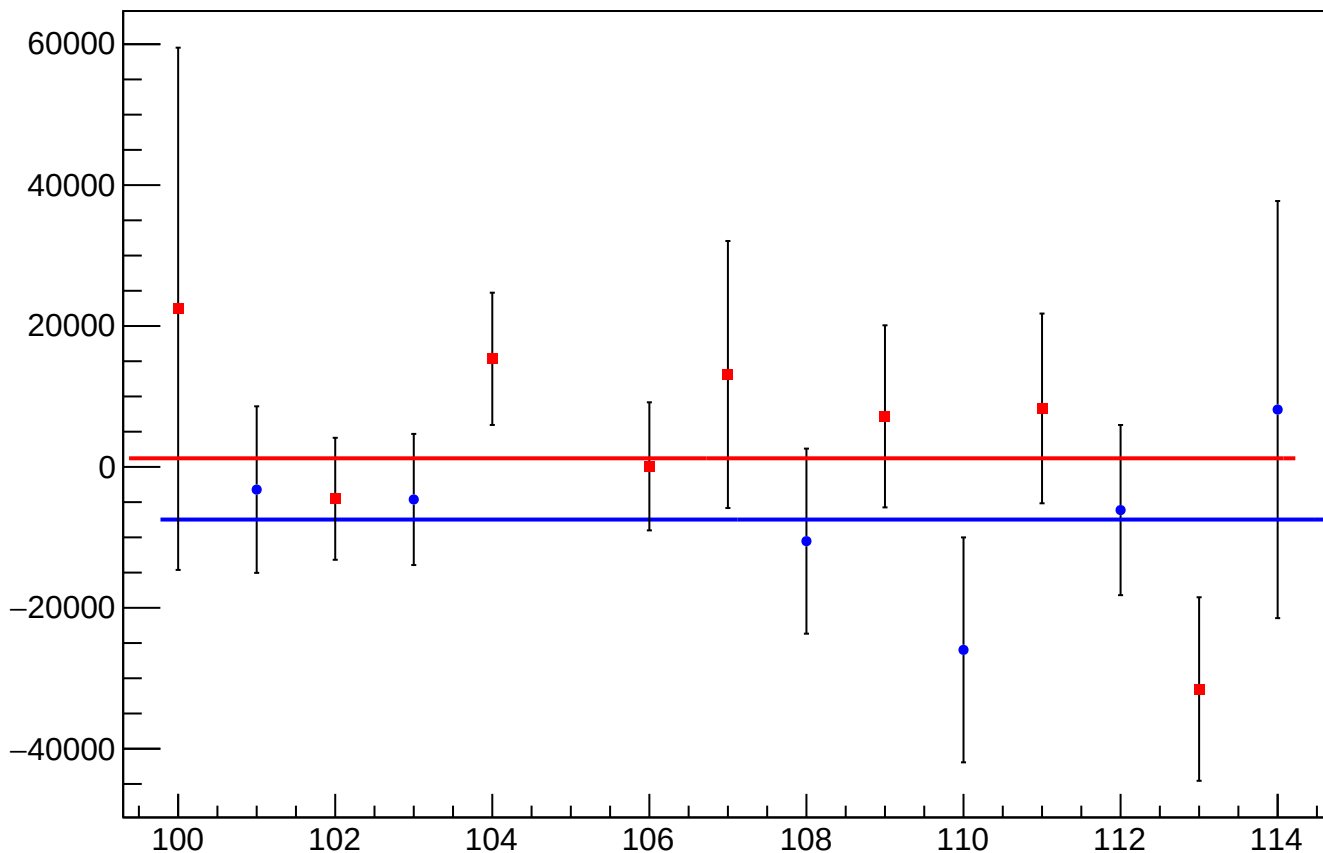
Right: 2188.150+/-0.660 χ^2/NDF : 253683.1/13

In: 2189.581+/-0.971 χ^2/NDF : 140491.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.150+/-0.660 χ^2/NDF : 253683.1/13

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

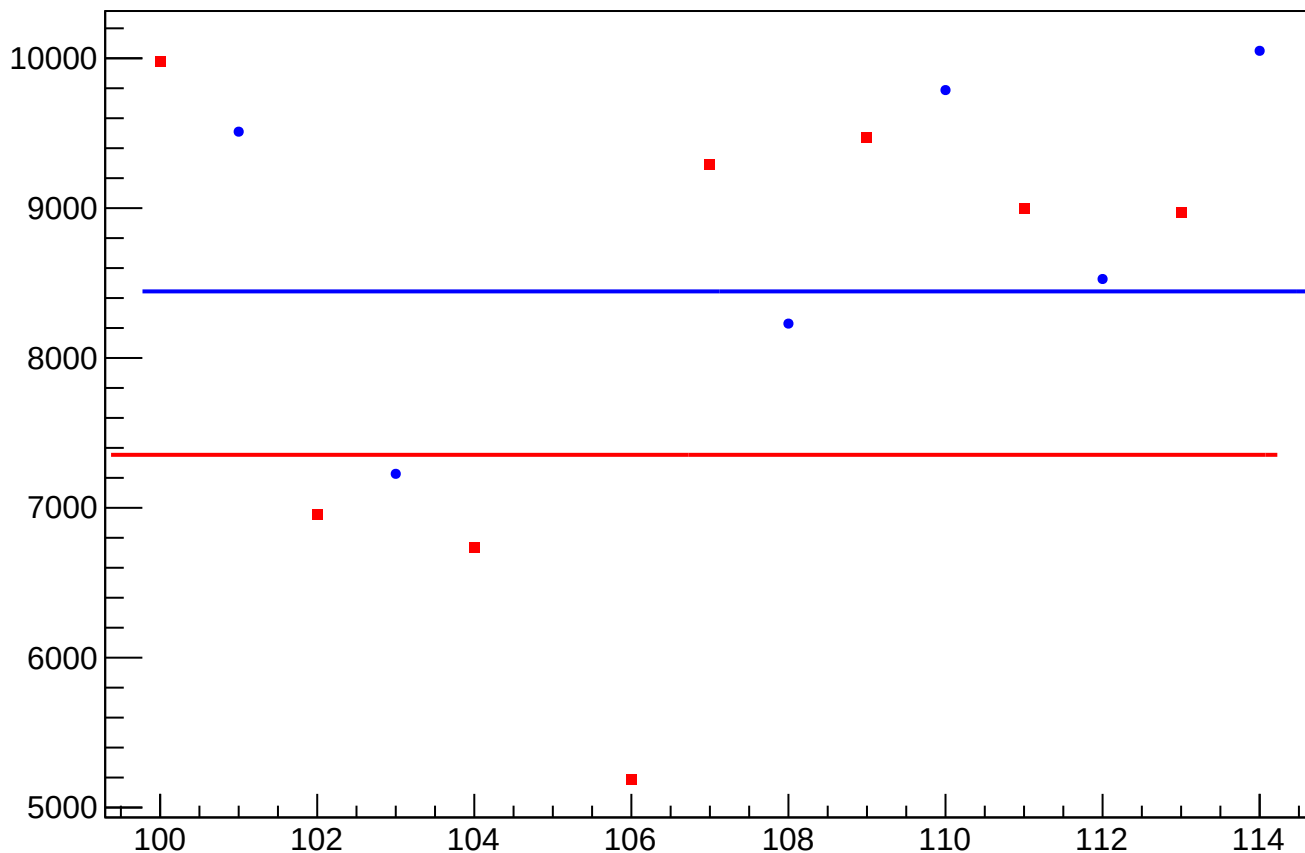
Right: -2141.307+/-3259.390 χ^2/NDF : 13.8/13

In: -7470.868+/-5239.927 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2141.307+/-3259.390 χ^2/NDF : 13.8/13

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

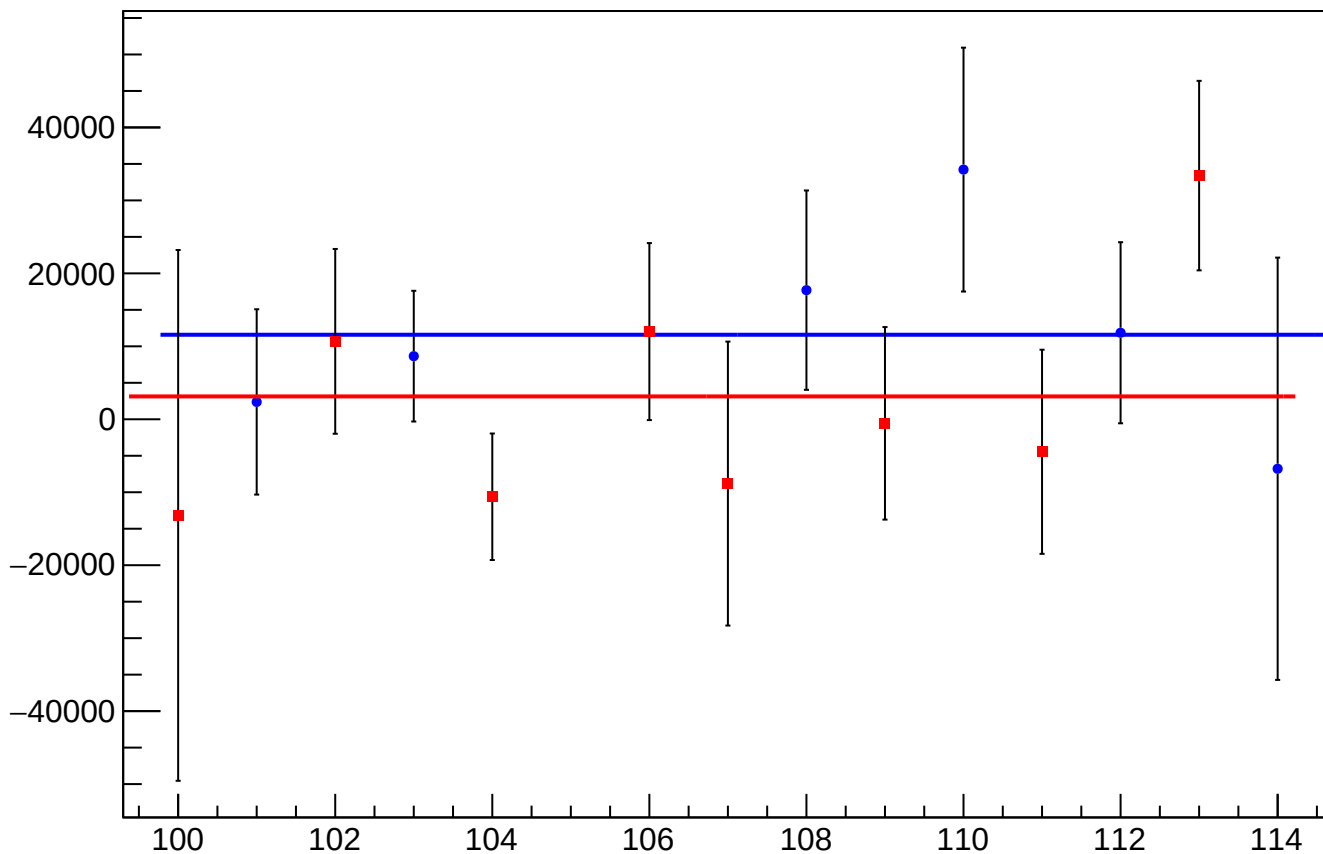
Right: 7775.676+/-2.305 χ^2/NDF : 396373.4/13

In: 8444.354+/-3.705 χ^2/NDF : 71169.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7775.676+/-2.305 χ^2/NDF : 396373.4/13

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

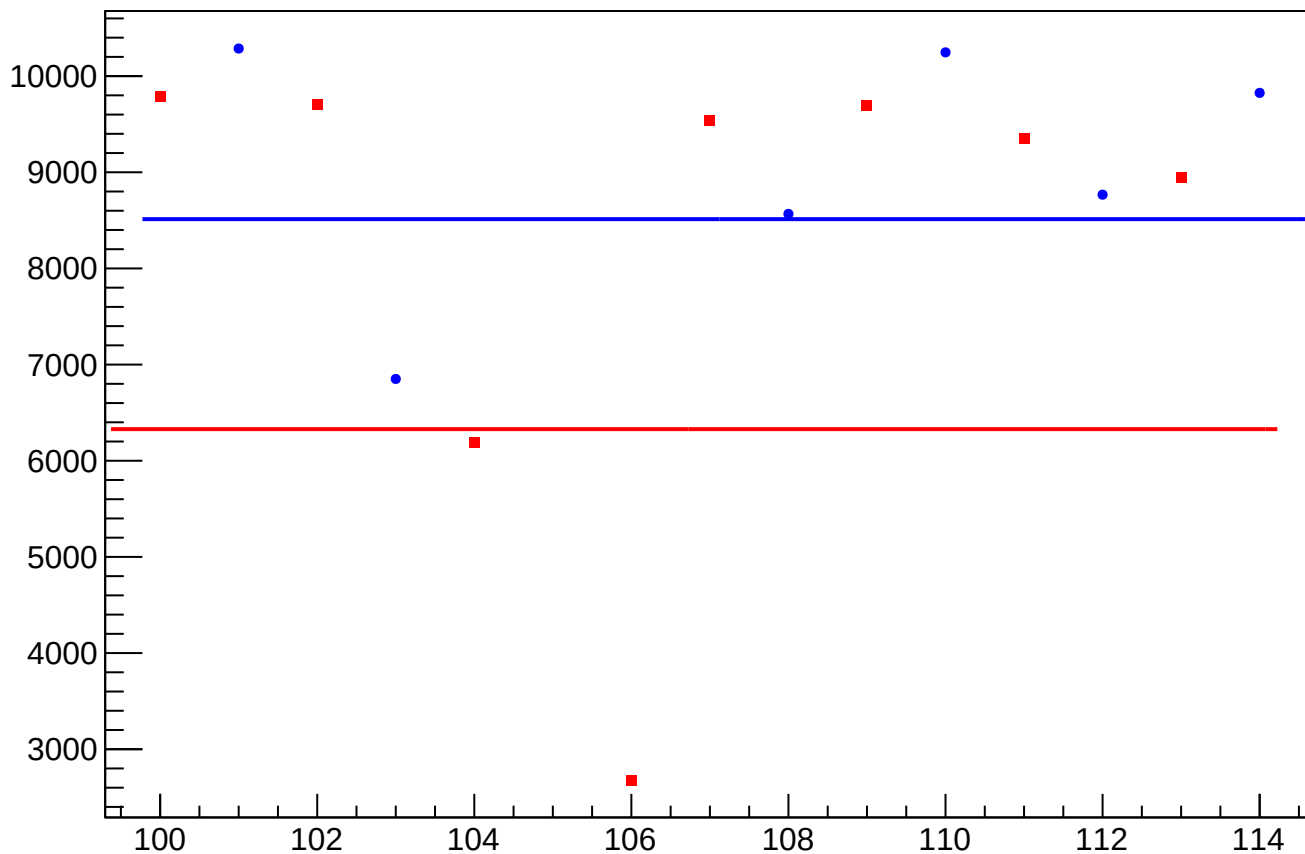
Right: 6780.468 $\pm$ 3496.187 χ^2 /NDF: 14.3/13

In: 11585.882 $\pm$ 5323.221 χ^2 /NDF: 3.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6780.468 $\pm$ 3496.187 χ^2 /NDF: 14.3/13

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

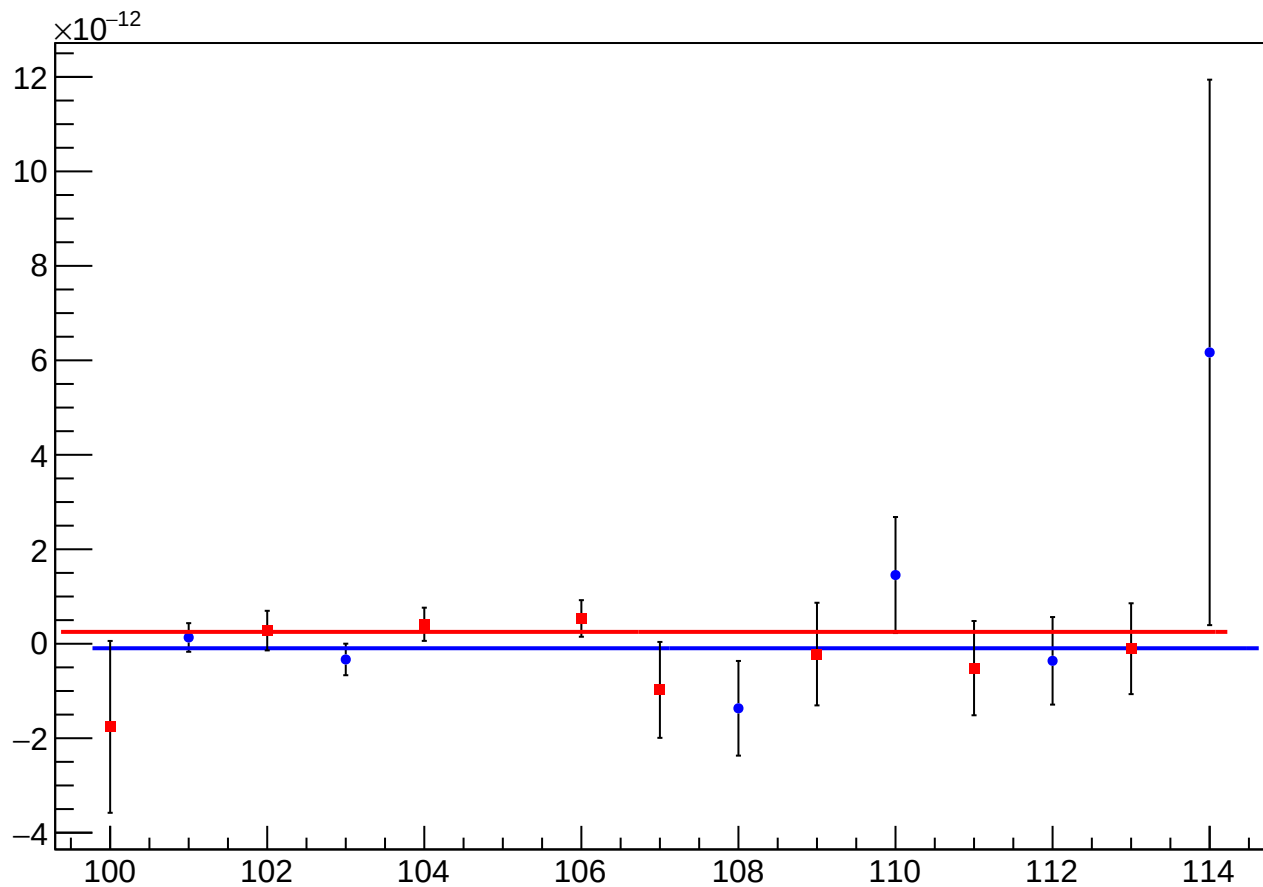
Right: 7122.661+/-2.269 χ^2/NDF : 1458076.3/13

In: 8512.612+/-3.764 χ^2/NDF : 134430.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7122.661+/-2.269 χ^2/NDF : 1458076.3/13

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

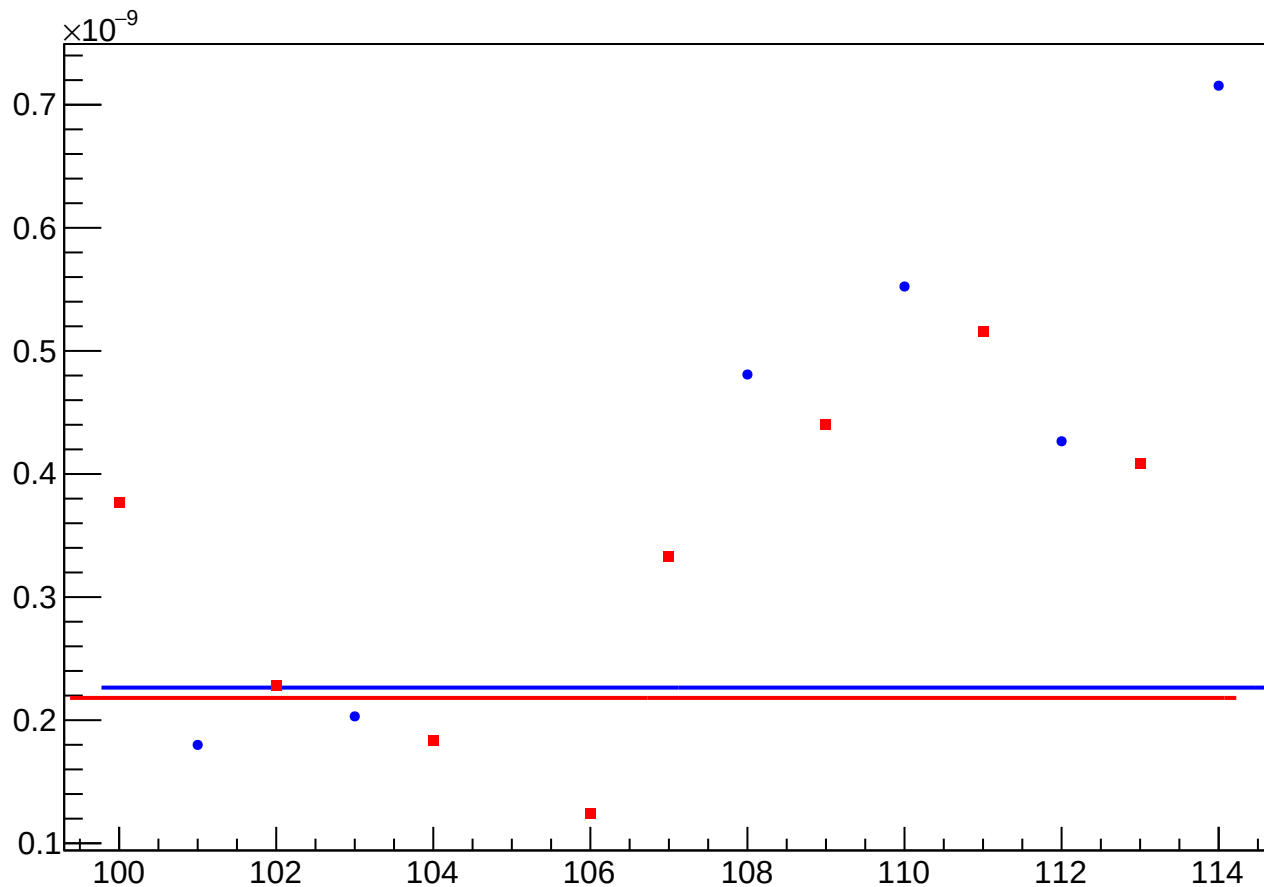
Right: 0.000+/-0.000 χ^2/NDF : 11.3/13

In: -0.000+/-0.000 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.3/13

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

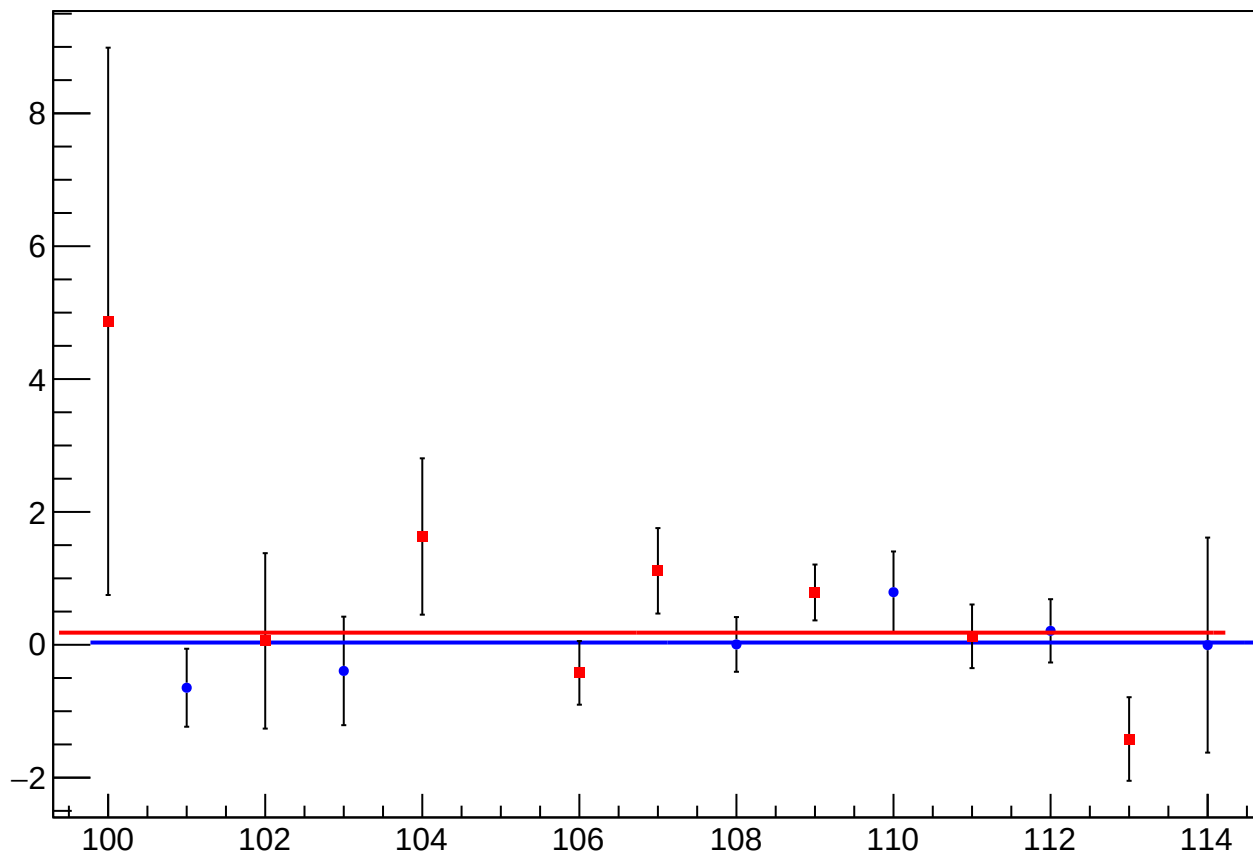
Right: 0.000+/-0.000 χ^2/NDF : 954537.6/13

In: 0.000+/-0.000 χ^2/NDF : 434269.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 954537.6/13

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.237 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.183+/-0.220 χ^2/NDF : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

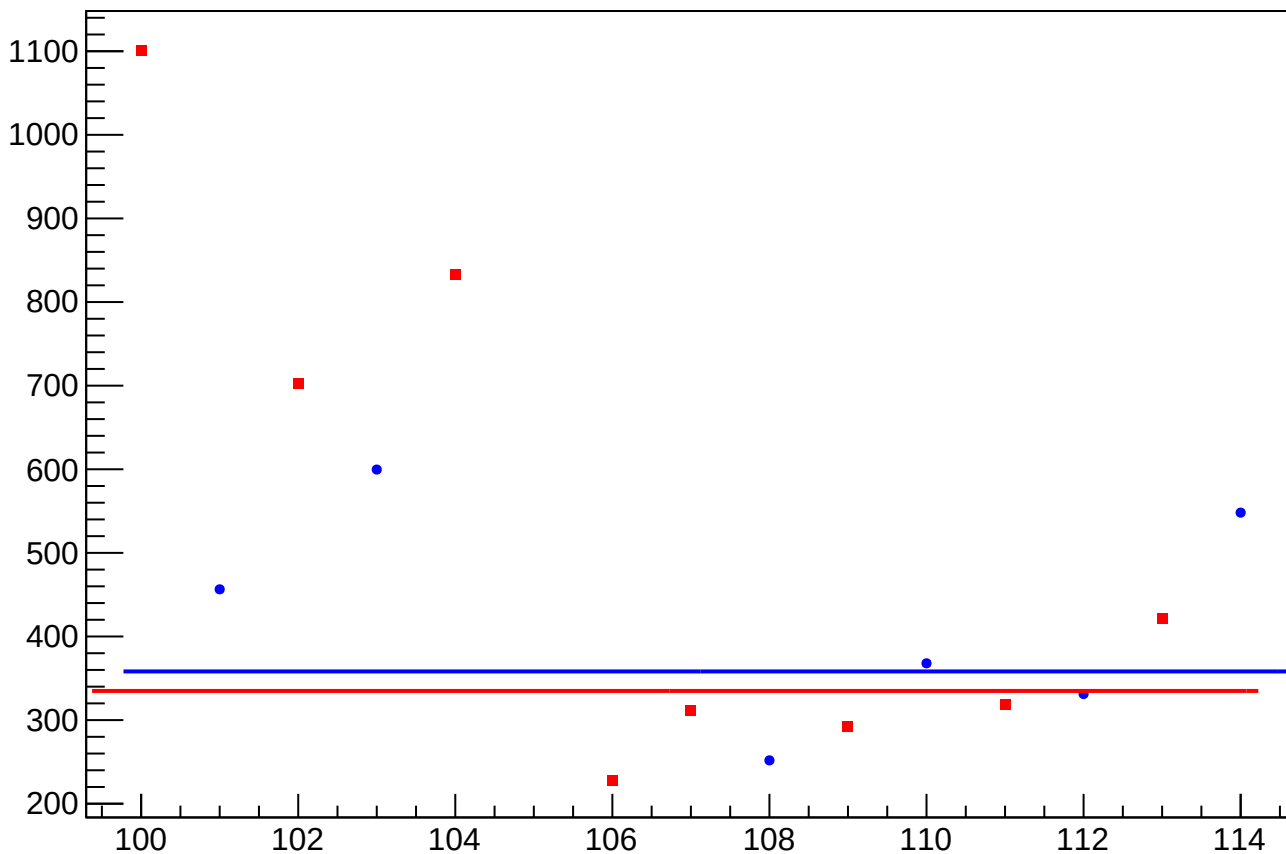
Right: 0.114+/-0.161 χ^2/NDF : 18.6/13

In: 0.034+/-0.237 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.161 χ^2/NDF : 18.6/13

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

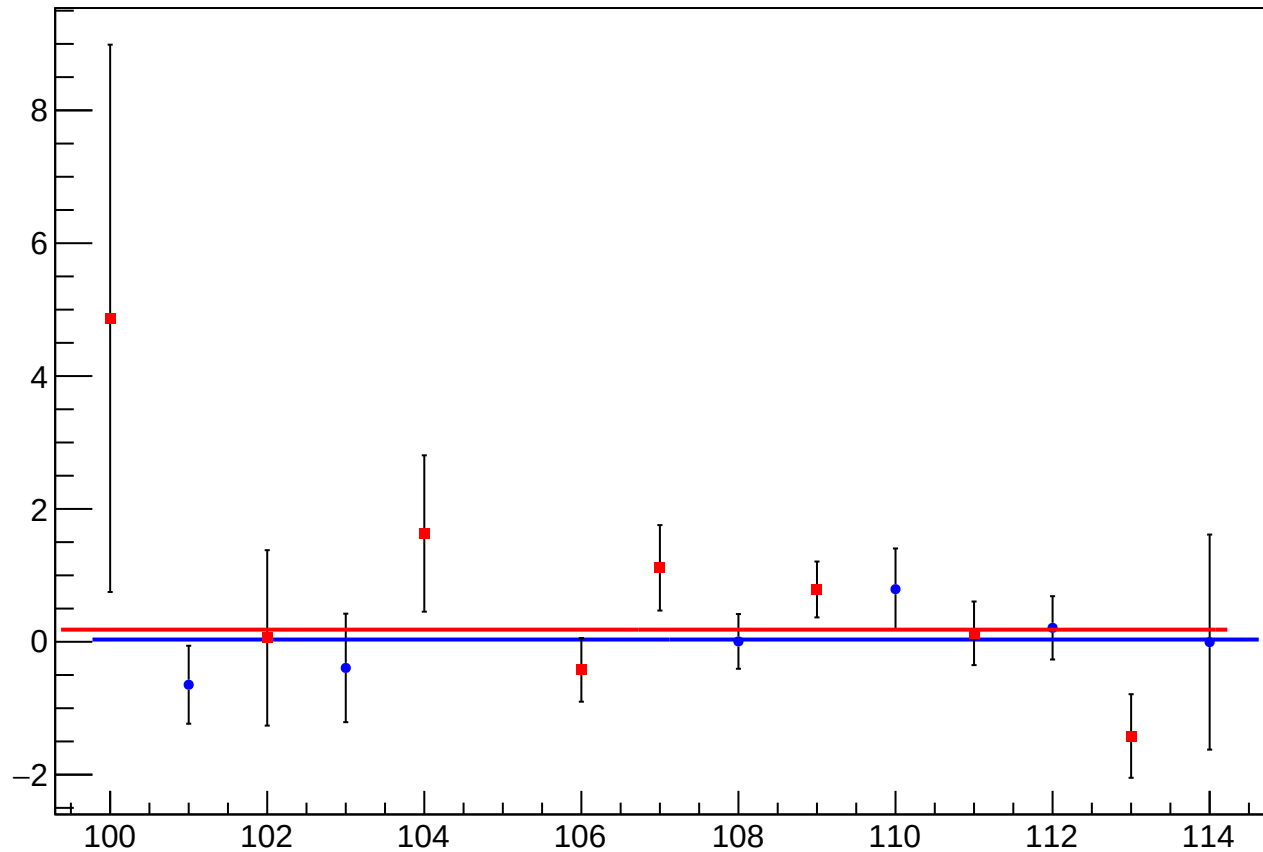
Right: 345.647+/-0.114 χ^2/NDF : 1154930.5/13

In: 358.199+/-0.168 χ^2/NDF : 398593.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.647+/-0.114 χ^2/NDF : 1154930.5/13

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.237 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.183+/-0.220 χ^2/NDF : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

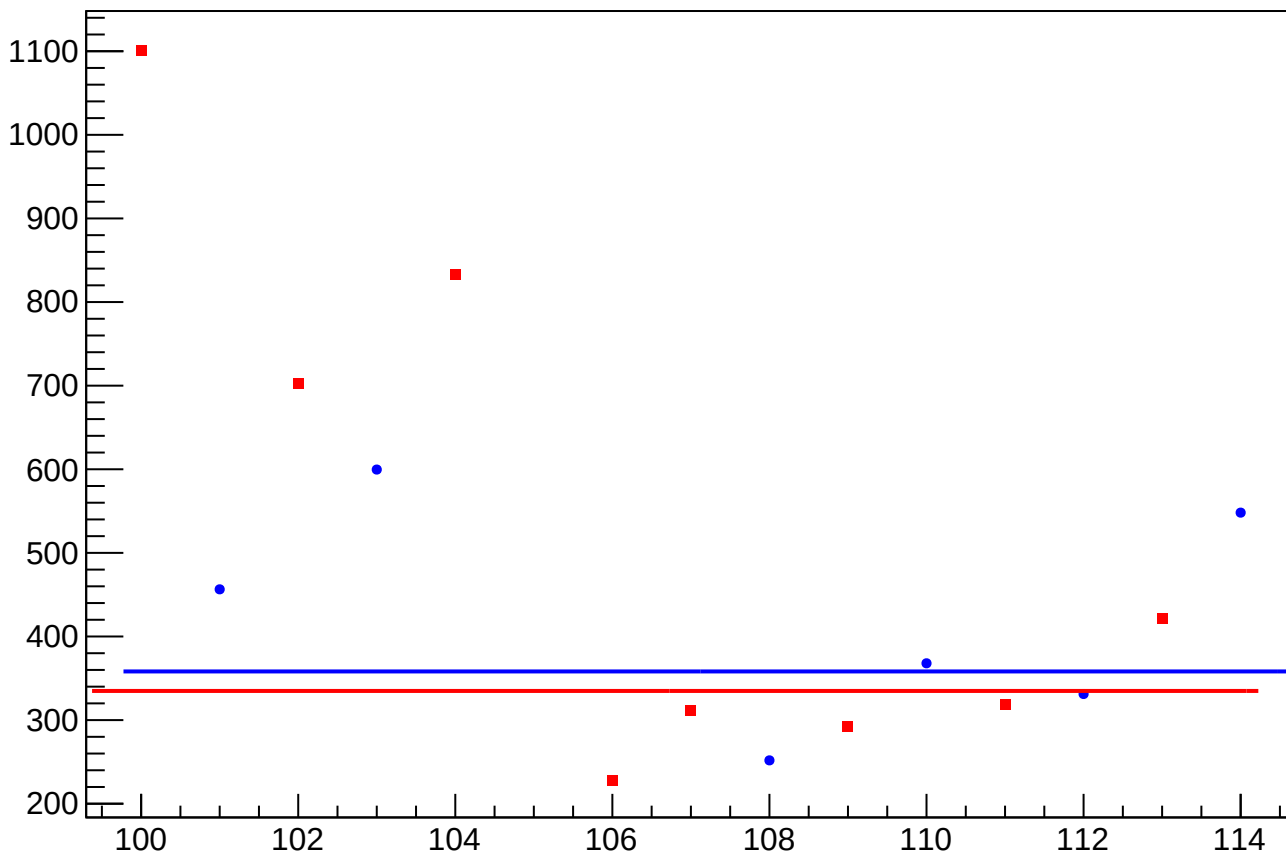
Right: 0.114+/-0.161 χ^2/NDF : 18.6/13

In: 0.034+/-0.237 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.161 χ^2/NDF : 18.6/13

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

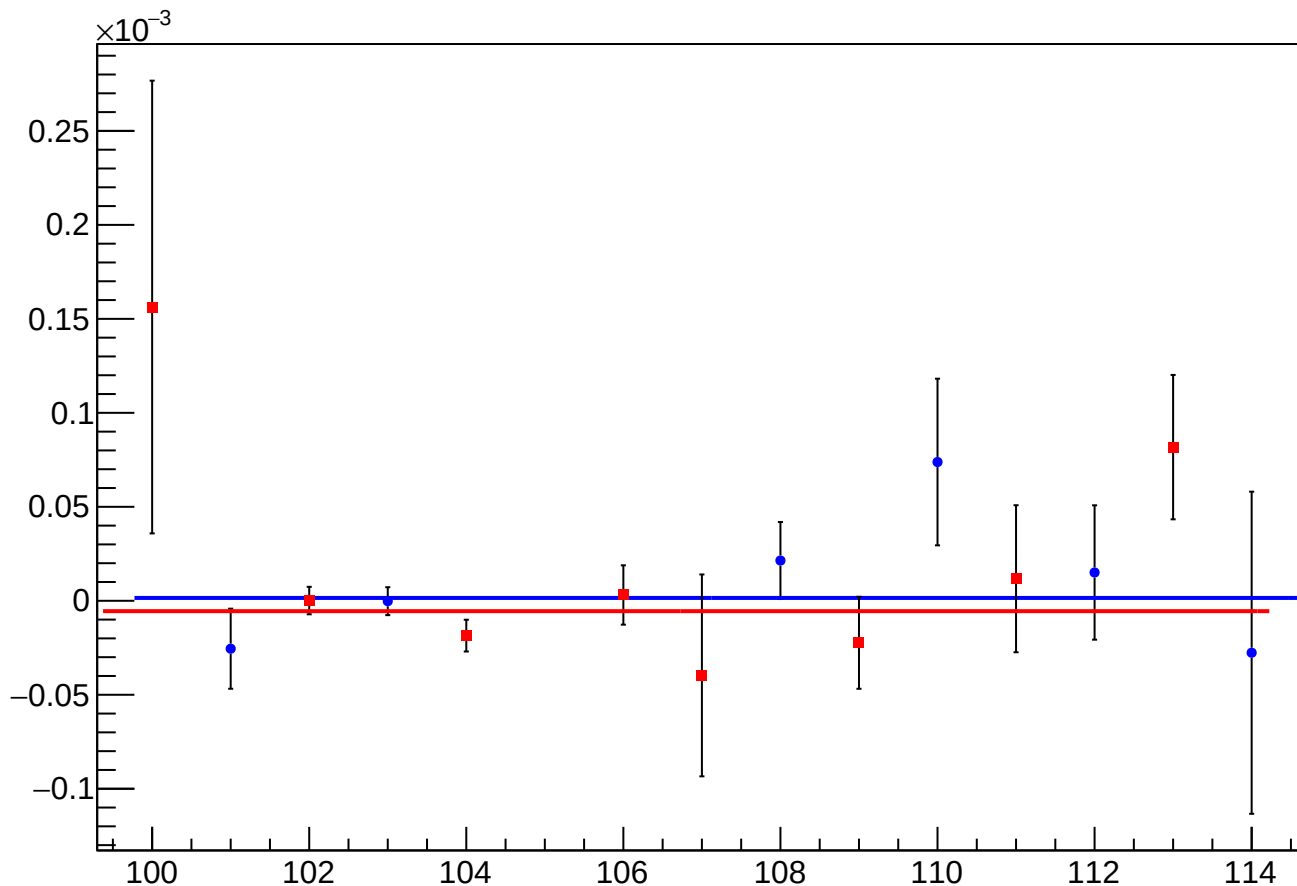
Right: 345.647+/-0.114 χ^2/NDF : 1154930.5/13

In: 358.199+/-0.168 χ^2/NDF : 398593.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.647+/-0.114 χ^2/NDF : 1154930.5/13

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

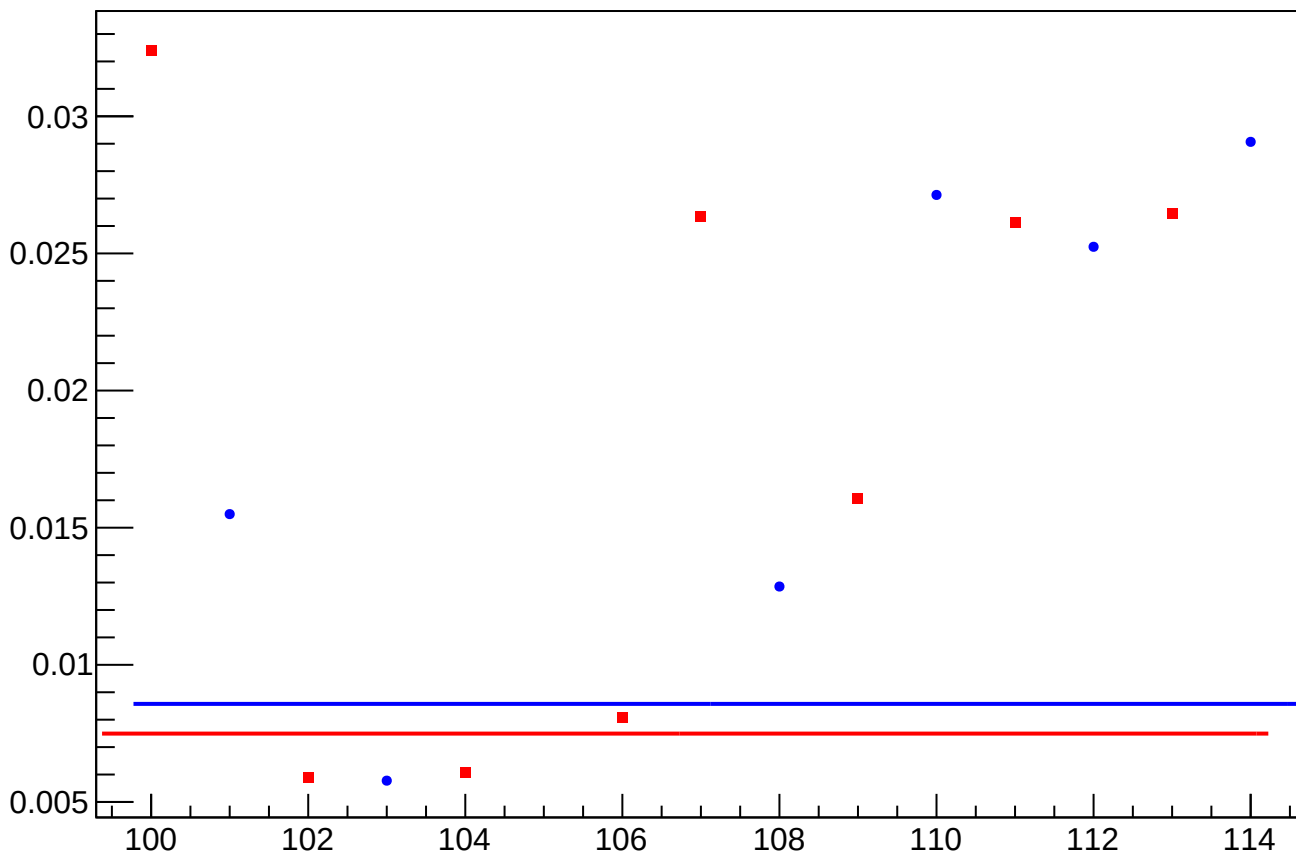
Right: -0.000+/-0.000 χ^2/NDF : 17.6/13

In: 0.000+/-0.000 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/13

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

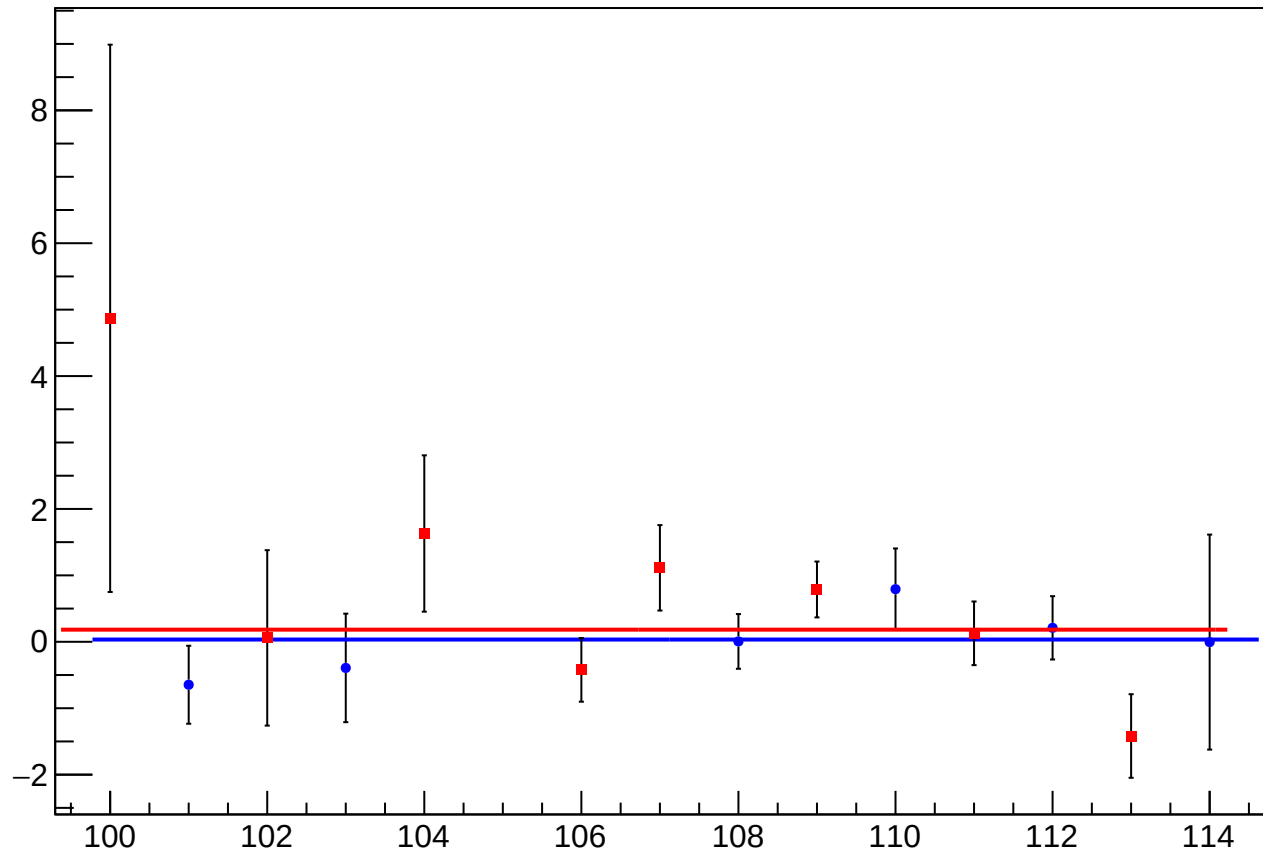
Right: 0.008+/-0.000 χ^2/NDF : 3189179.9/13

In: 0.009+/-0.000 χ^2/NDF : 1481678.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3189179.9/13

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

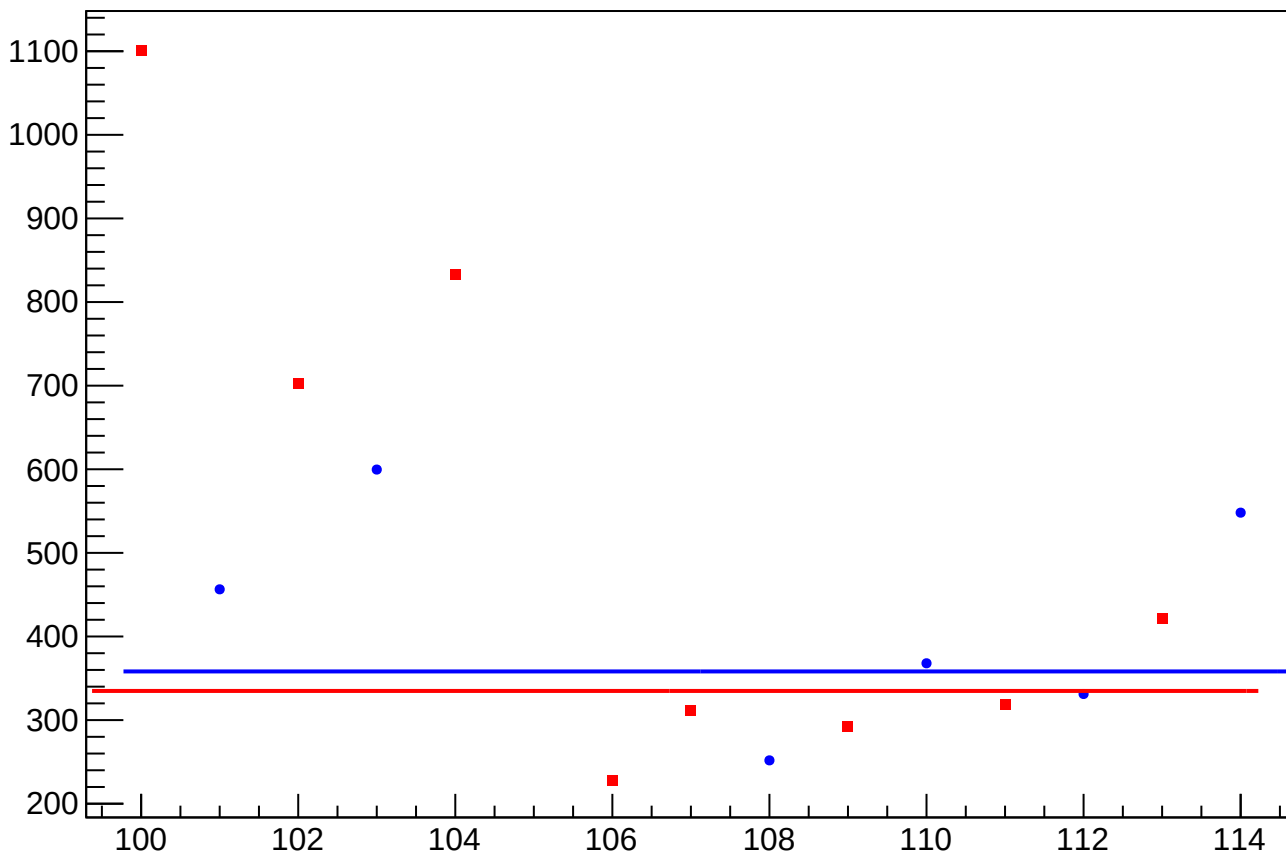
Right: 0.114 $\pm$ 0.161 χ^2 /NDF: 18.6/13

In: 0.034 $\pm$ 0.237 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.114 $\pm$ 0.161 χ^2 /NDF: 18.6/13

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

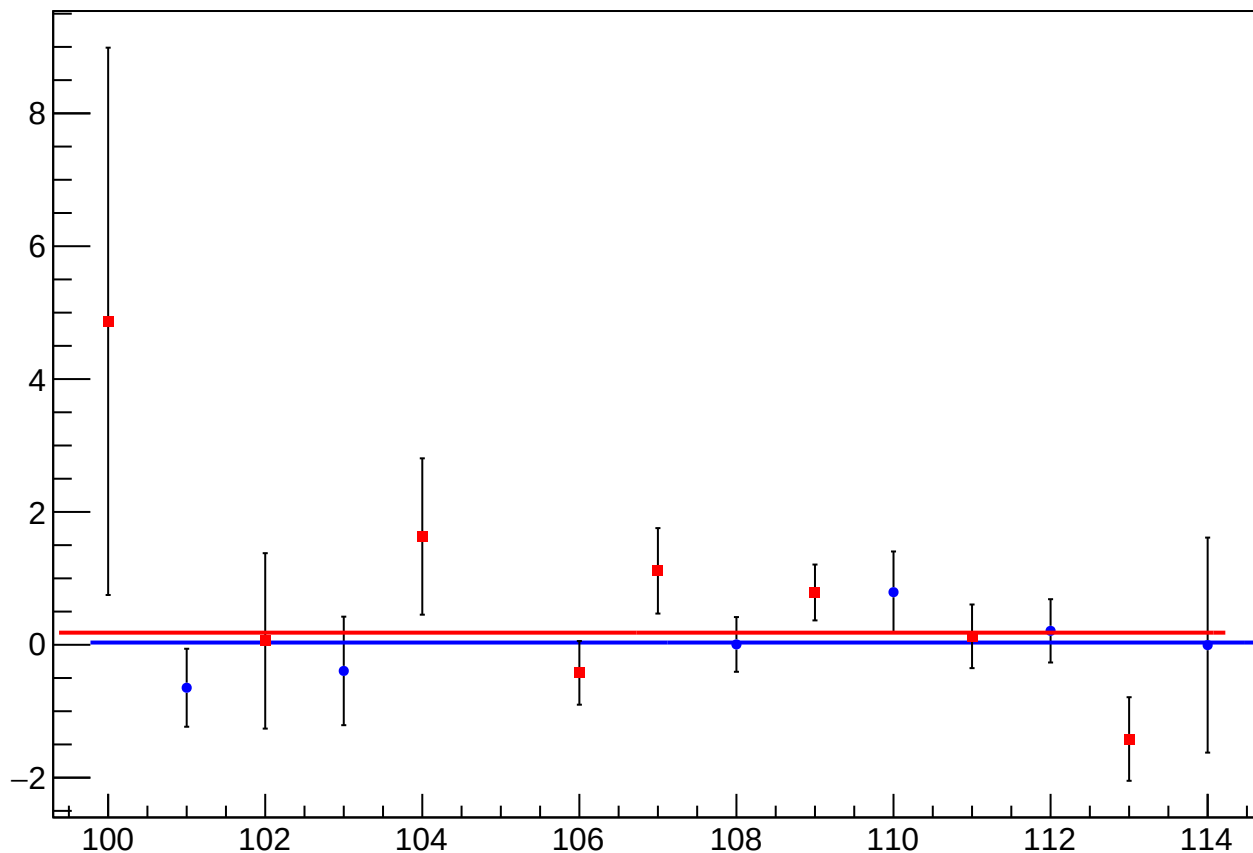
Right: 345.650+/-0.114 χ^2/NDF : 1154890.7/13

In: 358.204+/-0.168 χ^2/NDF : 398564.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.650+/-0.114 χ^2/NDF : 1154890.7/13

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.237 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.183+/-0.220 χ^2/NDF : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

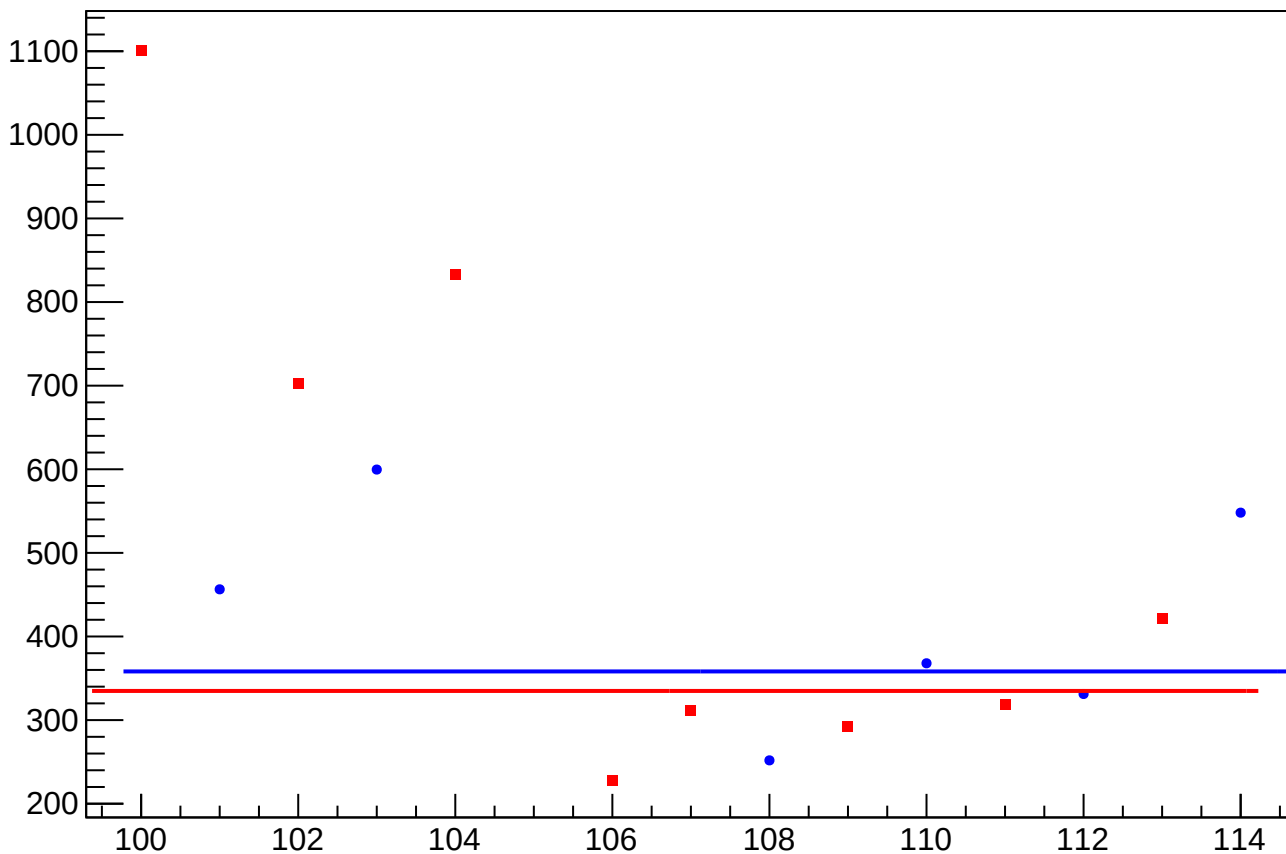
Right: 0.114+/-0.161 χ^2/NDF : 18.6/13

In: 0.034+/-0.237 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.161 χ^2/NDF : 18.6/13

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

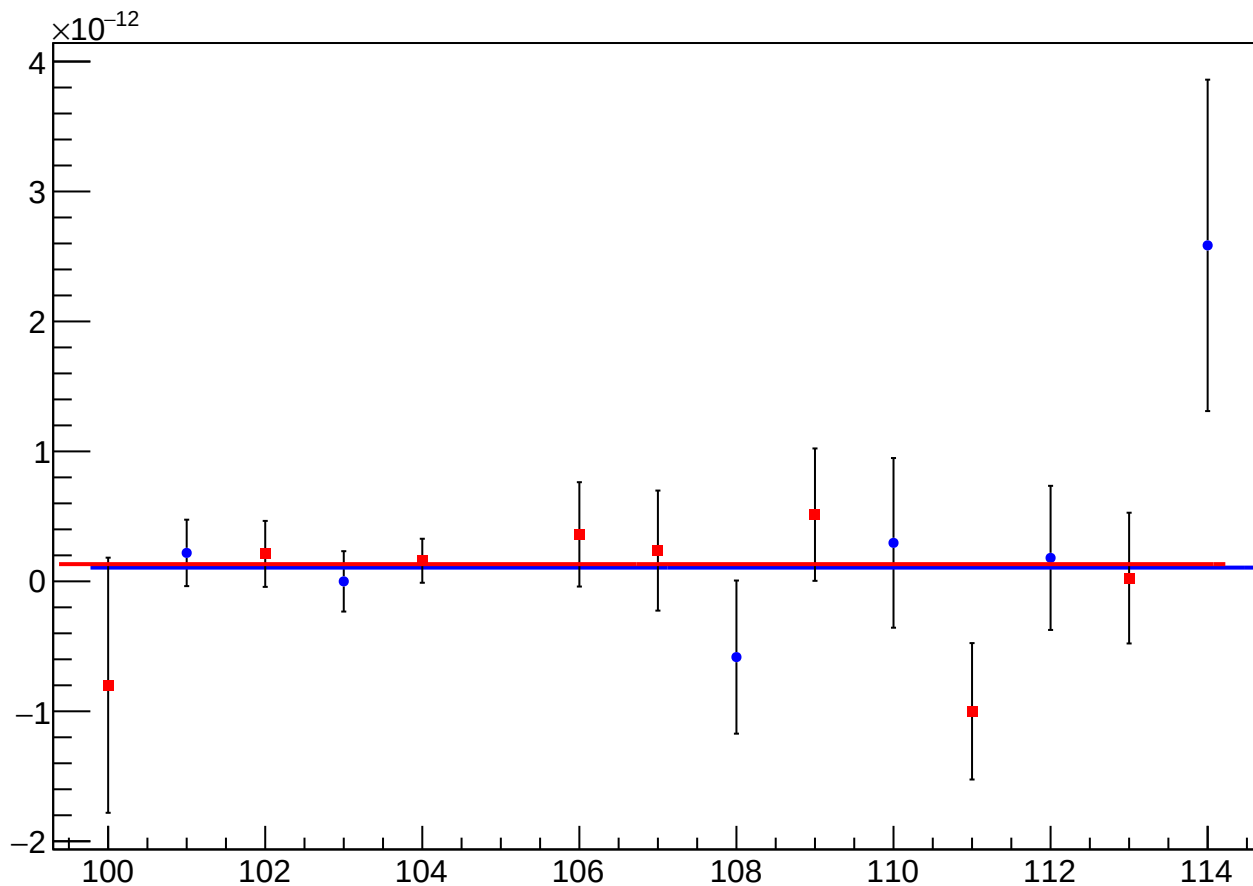
Right: 345.650+/-0.114 χ^2/NDF : 1154890.7/13

In: 358.204+/-0.168 χ^2/NDF : 398564.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.650+/-0.114 χ^2/NDF : 1154890.7/13

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

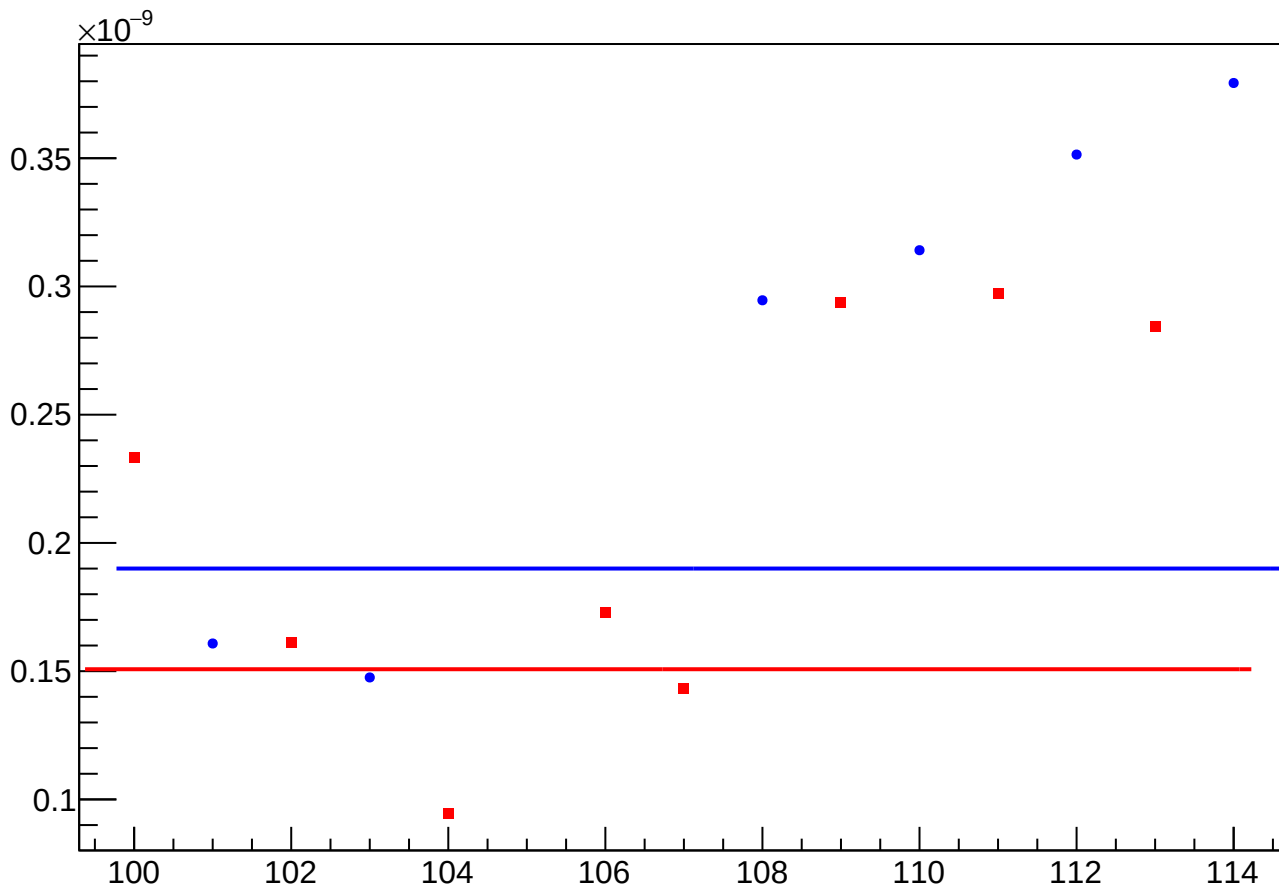
Right: 0.000+/-0.000 χ^2/NDF : 12.3/13

In: 0.000+/-0.000 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/13

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

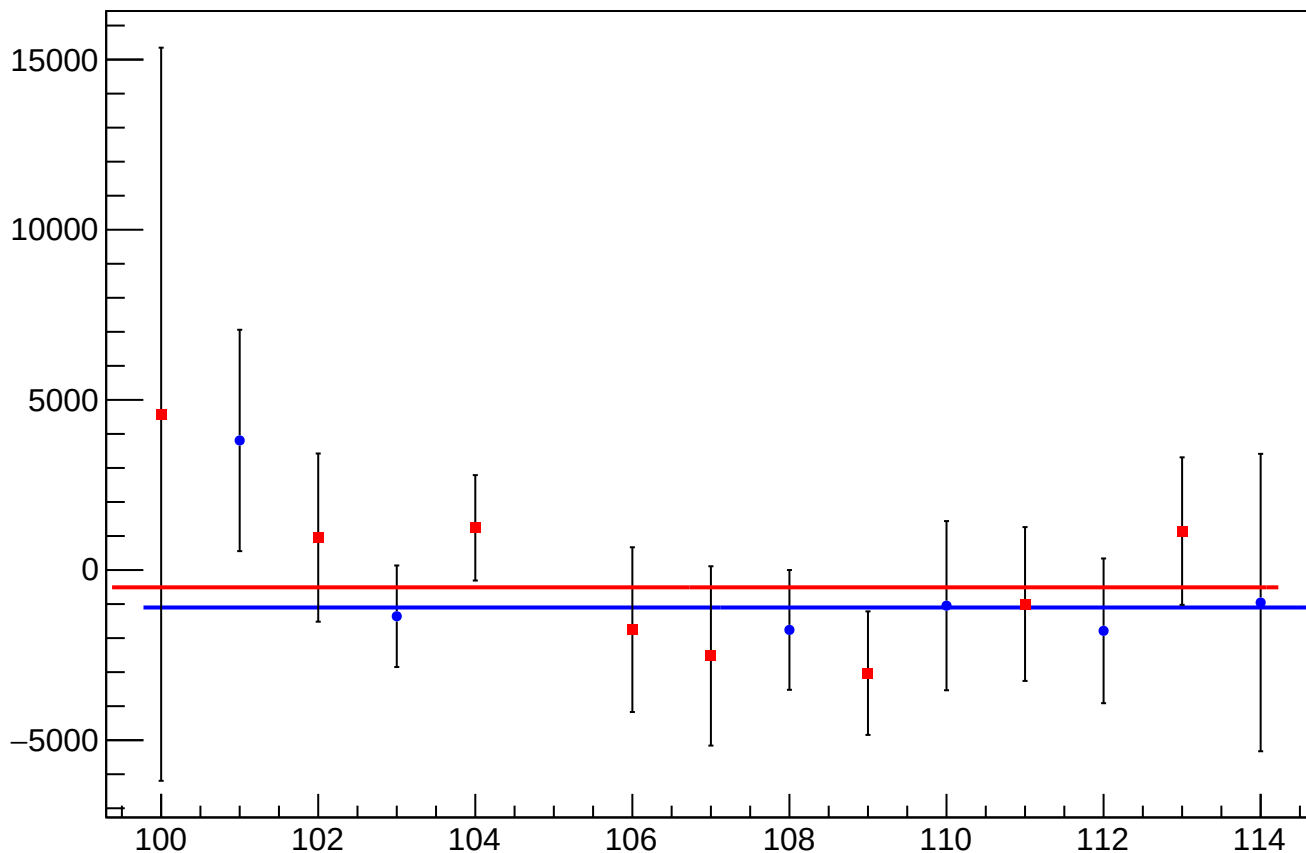
Right: 0.000+/-0.000 χ^2/NDF : 1225171.1/13

In: 0.000+/-0.000 χ^2/NDF : 441851.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1225171.1/13

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1100.236+/-876.390 χ^2/NDF : 2.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -507.779+/-786.595 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

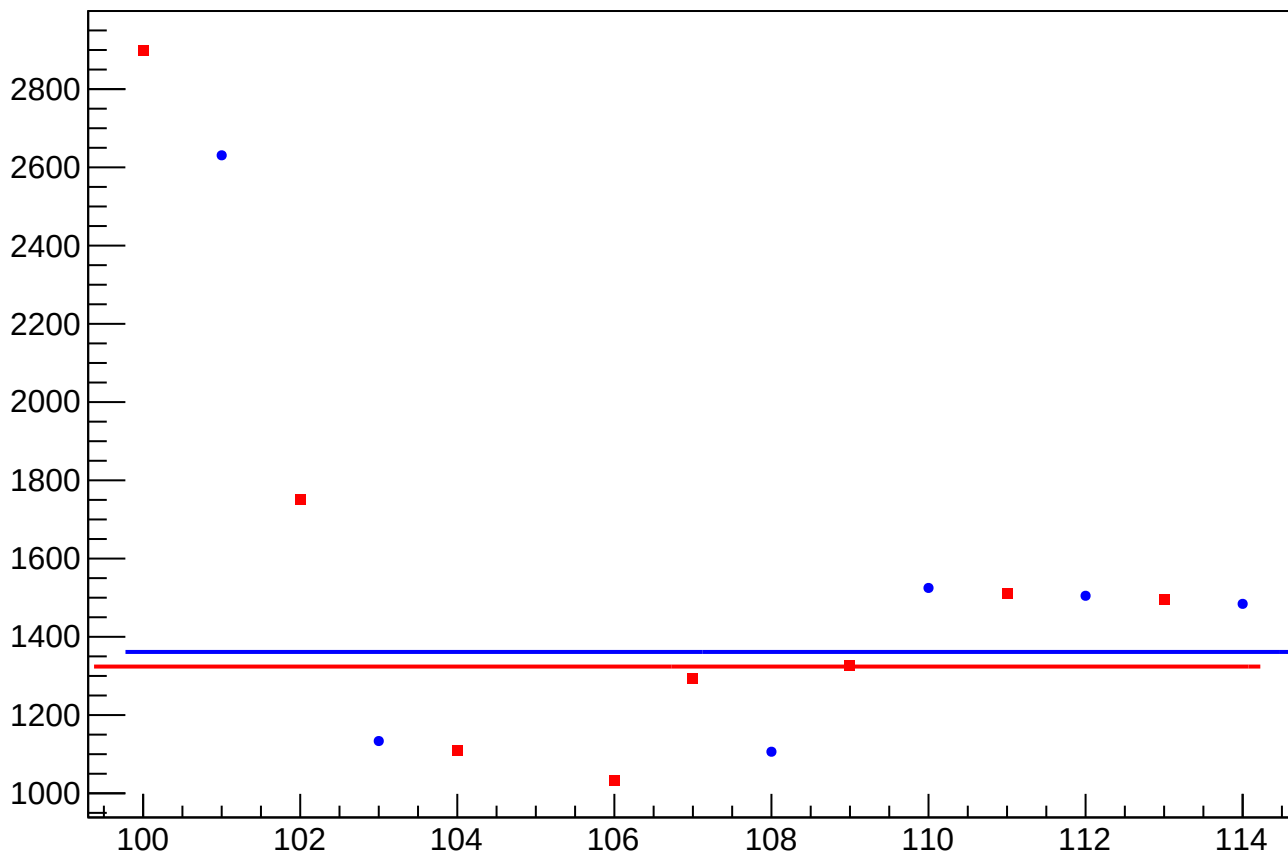
Right: -772.110+/-585.387 χ^2/NDF : 8.1/13

In: -1100.236+/-876.390 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -772.110+/-585.387 χ^2/NDF : 8.1/13

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



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: 1323.974+/-0.548 χ^2/NDF : 204383.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

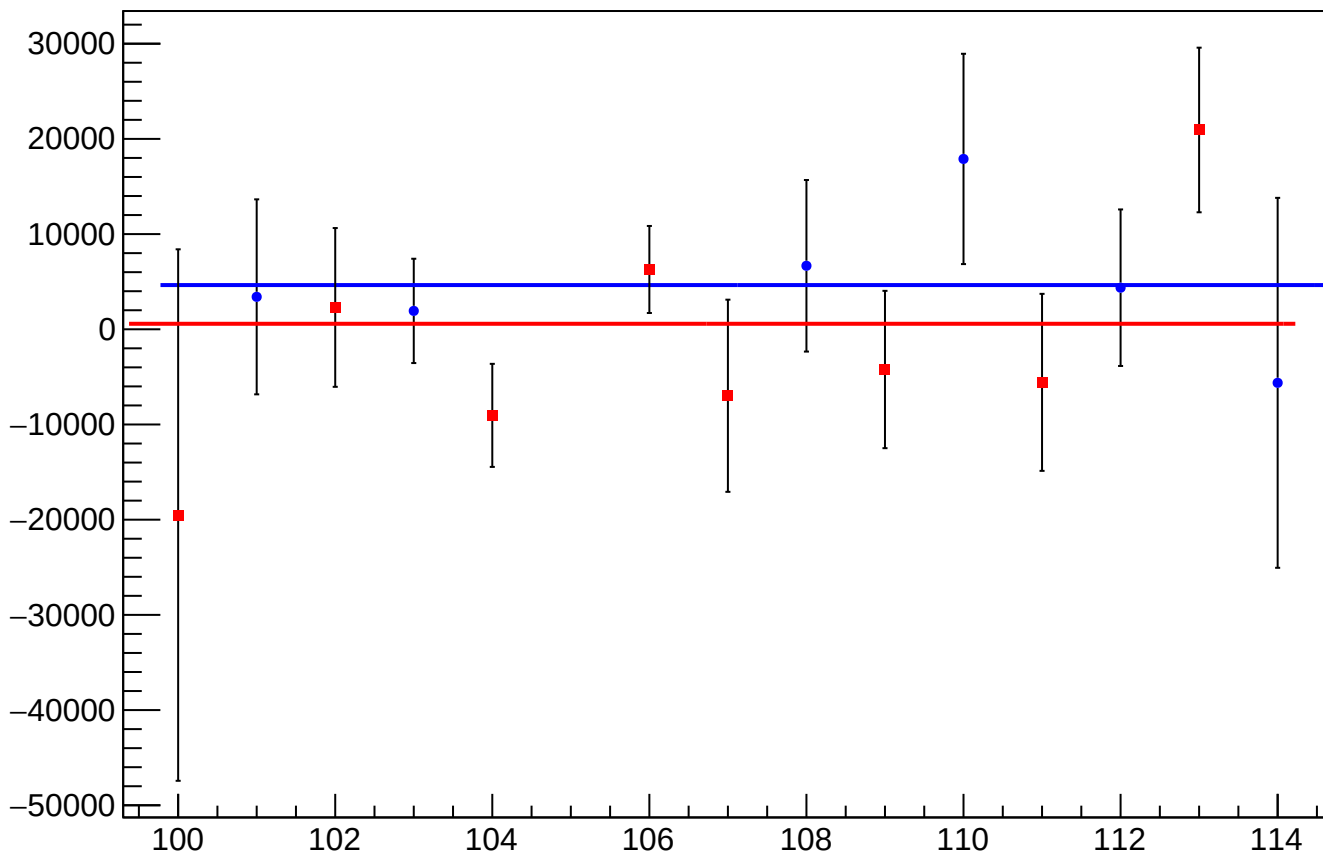
Right: 1340.369+/-0.410 χ^2/NDF : 619099.5/13

In: 1361.347+/-0.620 χ^2/NDF : 412674.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.369+/-0.410 χ^2/NDF : 619099.5/13

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4645.412+/-3517.935 χ^2/NDF : 2.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.775+/-2607.733 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

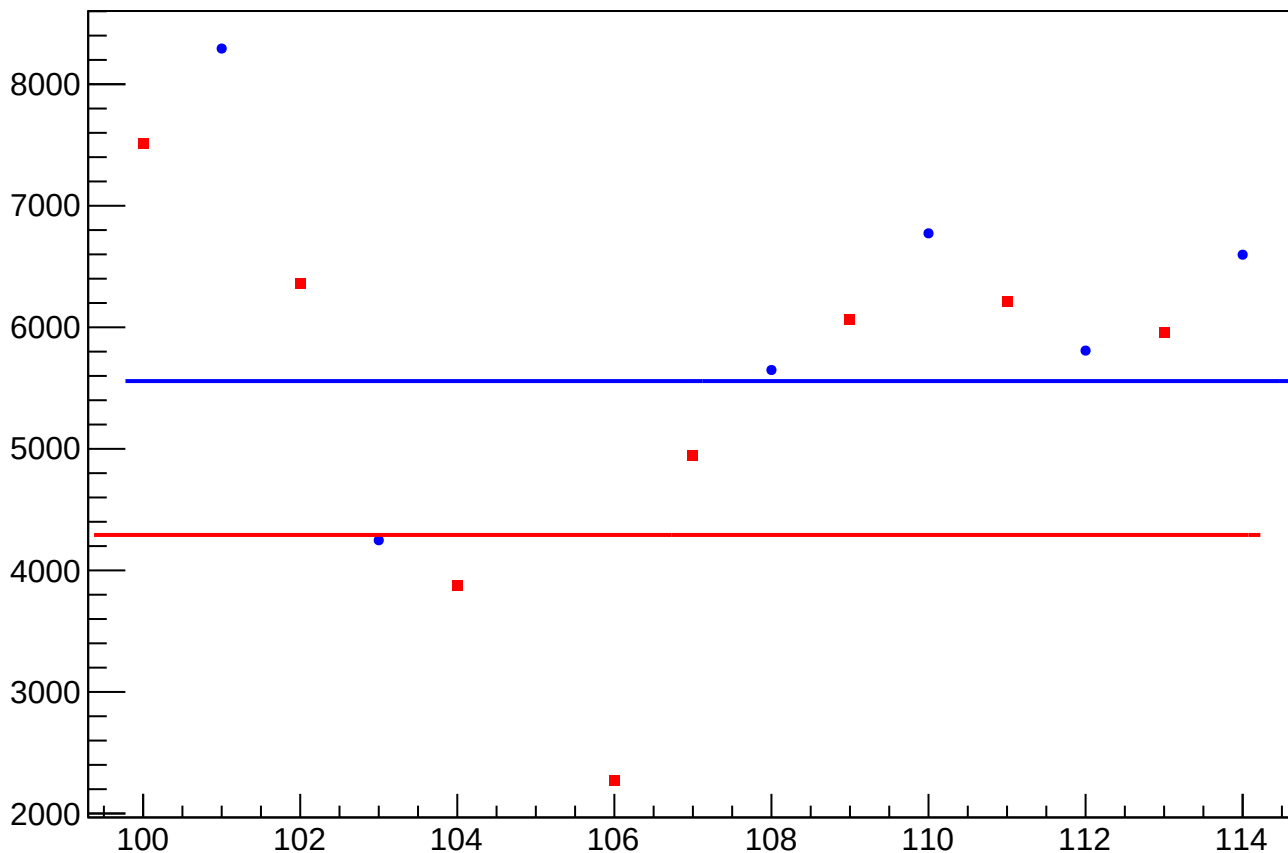
Right: 2020.892+/-2094.934 χ^2/NDF : 15.1/13

In: 4645.412+/-3517.935 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.892+/-2094.934 χ^2/NDF : 15.1/13

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5557.599+/-2.488 χ^2/NDF : 288993.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4291.597+/-1.844 χ^2/NDF : 810958.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

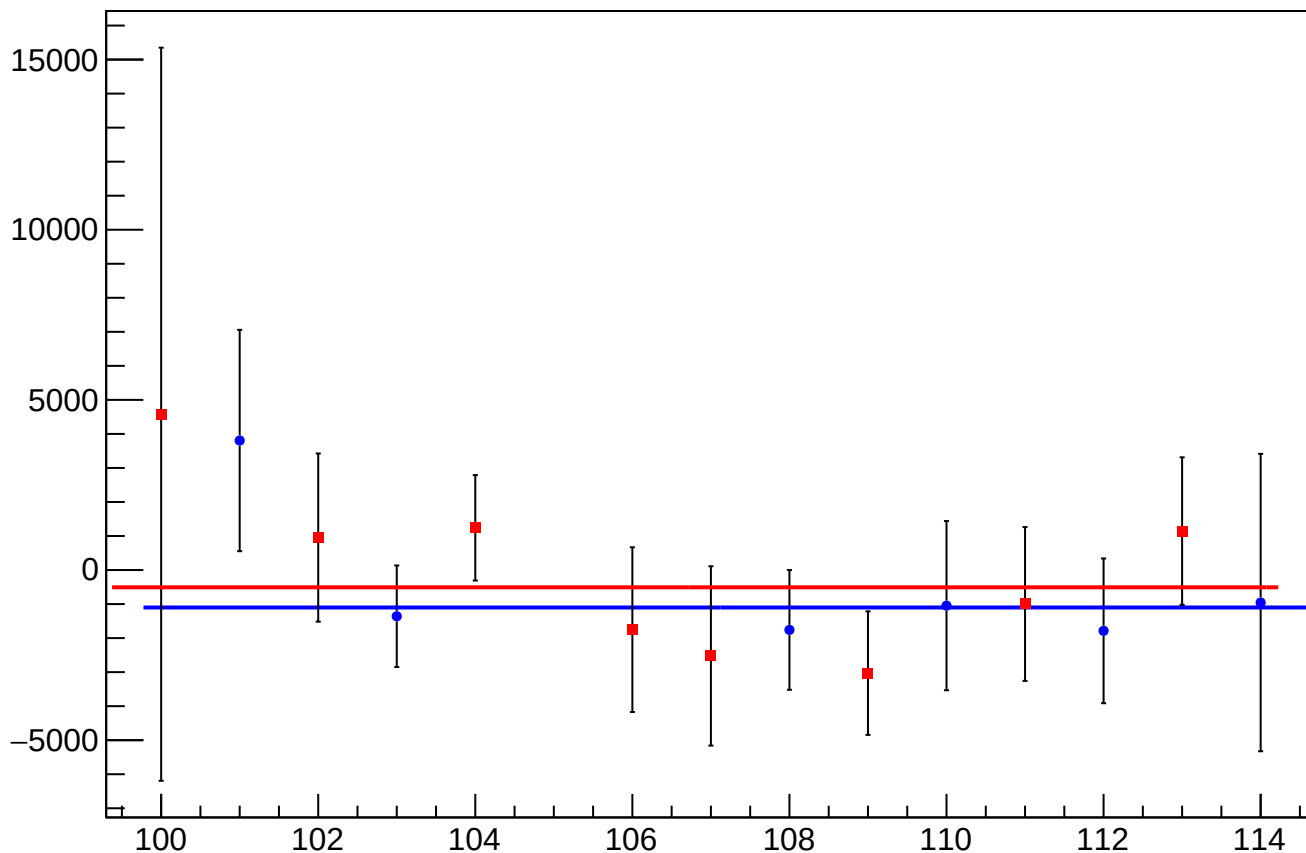
Right: 4740.549+/-1.481 χ^2/NDF : 1267114.5/13

In: 5557.599+/-2.488 χ^2/NDF : 288993.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4740.549+/-1.481 χ^2/NDF : 1267114.5/13

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

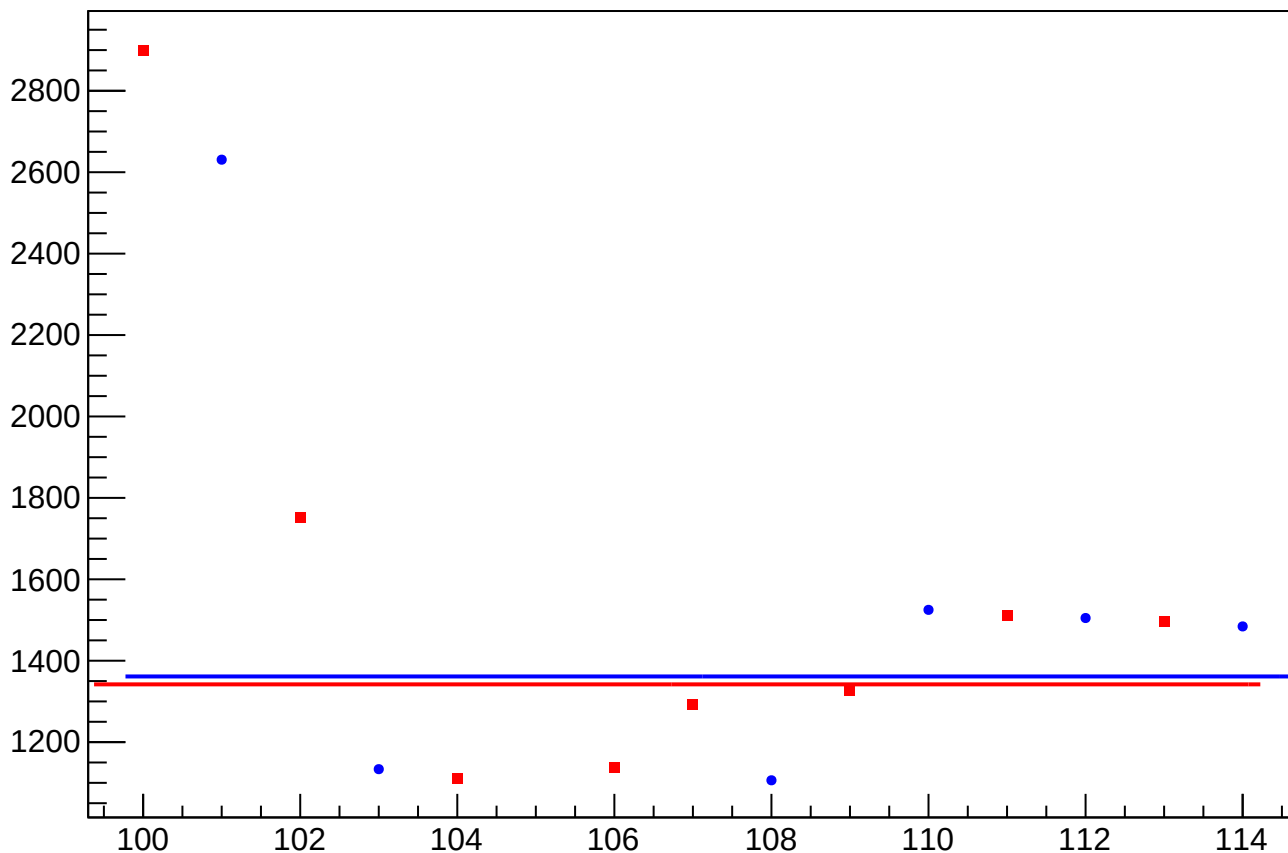
Right: -771.978+/-585.387 χ^2/NDF : 8.1/13

In: -1100.311+/-876.390 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.978+/-585.387 χ^2/NDF : 8.1/13

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

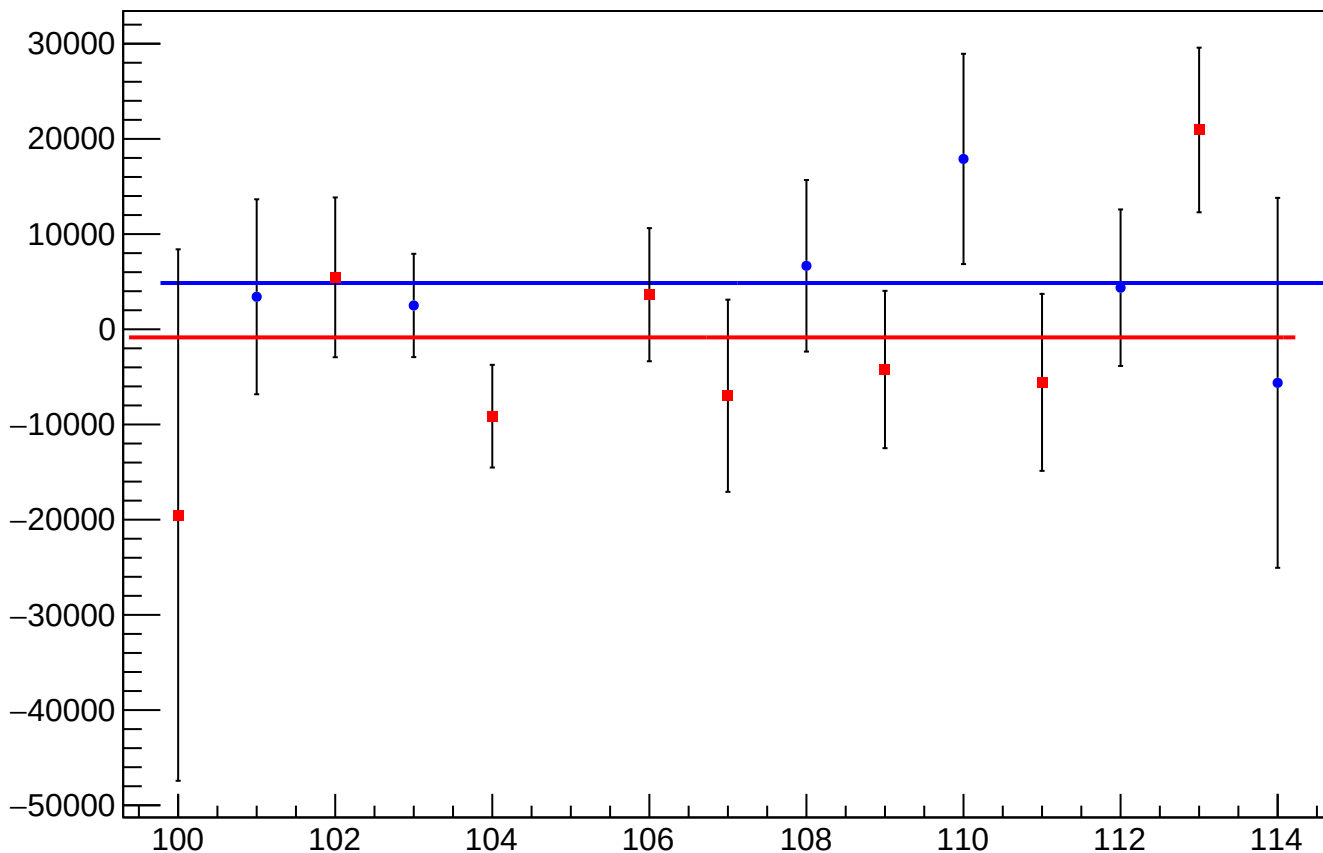
Right: 1350.539+/-0.413 χ^2/NDF : 592348.6/13

In: 1361.347+/-0.620 χ^2/NDF : 412674.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.539+/-0.413 χ^2/NDF : 592348.6/13

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

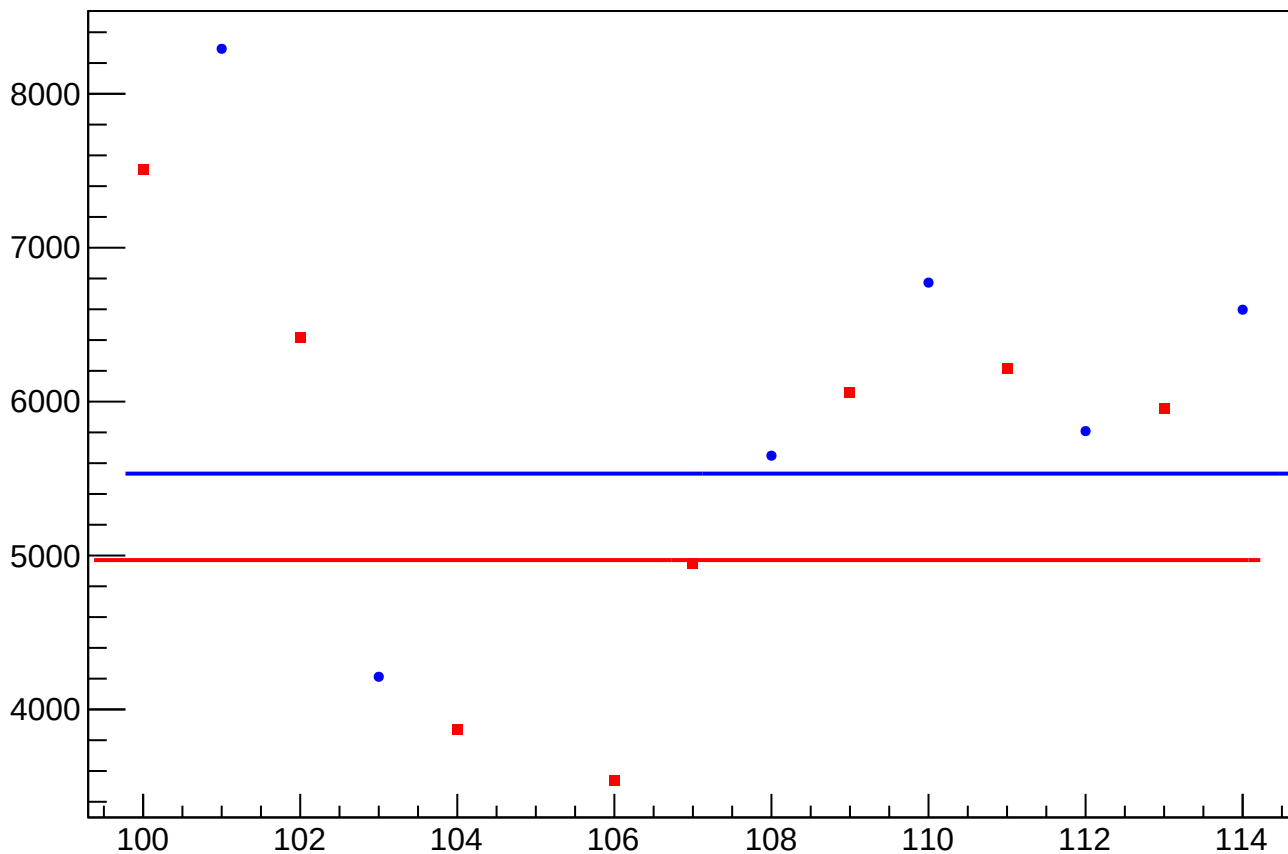
Right: 1462.783+/-2229.639 χ^2/NDF : 14.4/13

In: 4862.647+/-3503.924 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.783+/-2229.639 χ^2/NDF : 14.4/13

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5532.263+/-2.478 χ^2/NDF : 297492.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4970.430+/-2.044 χ^2/NDF : 339762.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

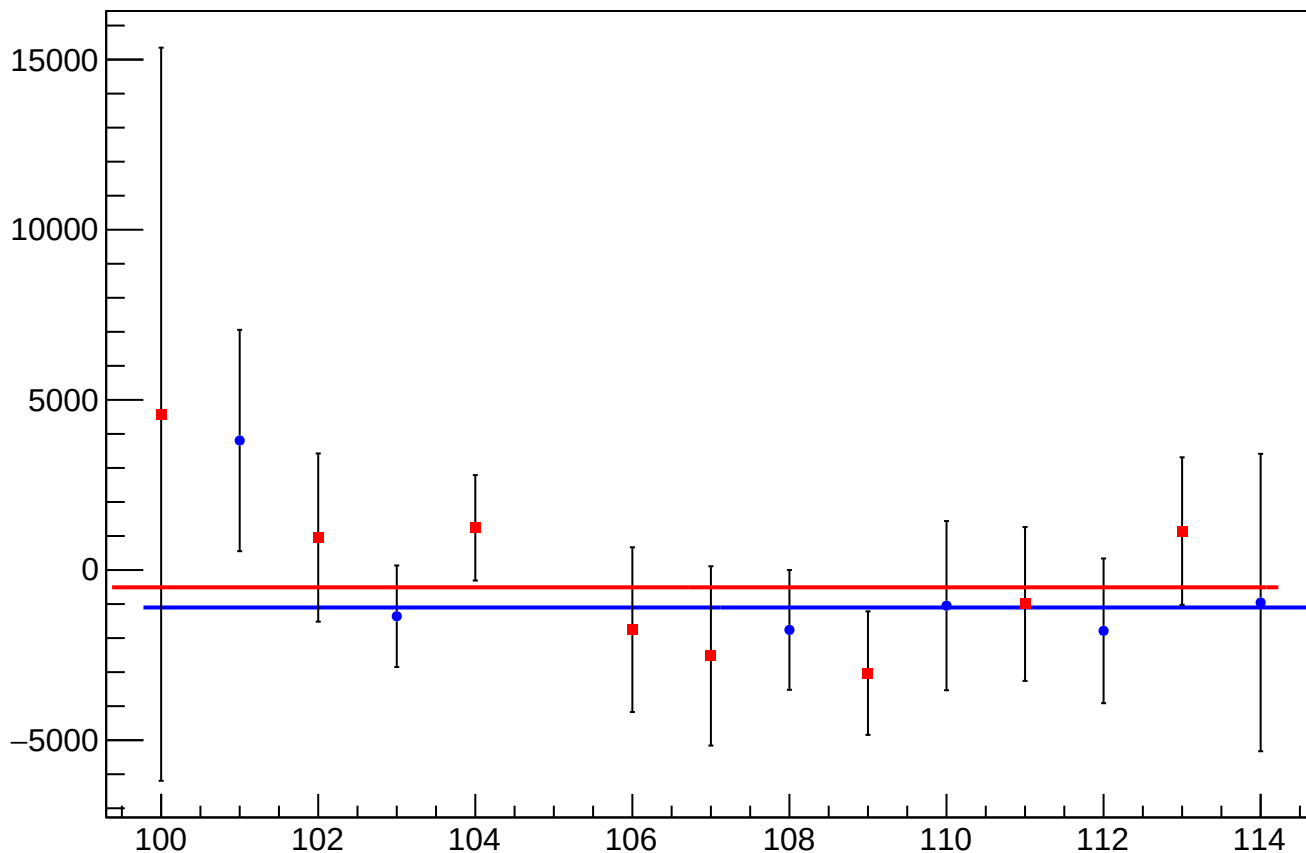
Right: 5197.923+/-1.577 χ^2/NDF : 667854.5/13

In: 5532.263+/-2.478 χ^2/NDF : 297492.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5197.923+/-1.577 χ^2/NDF : 667854.5/13

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

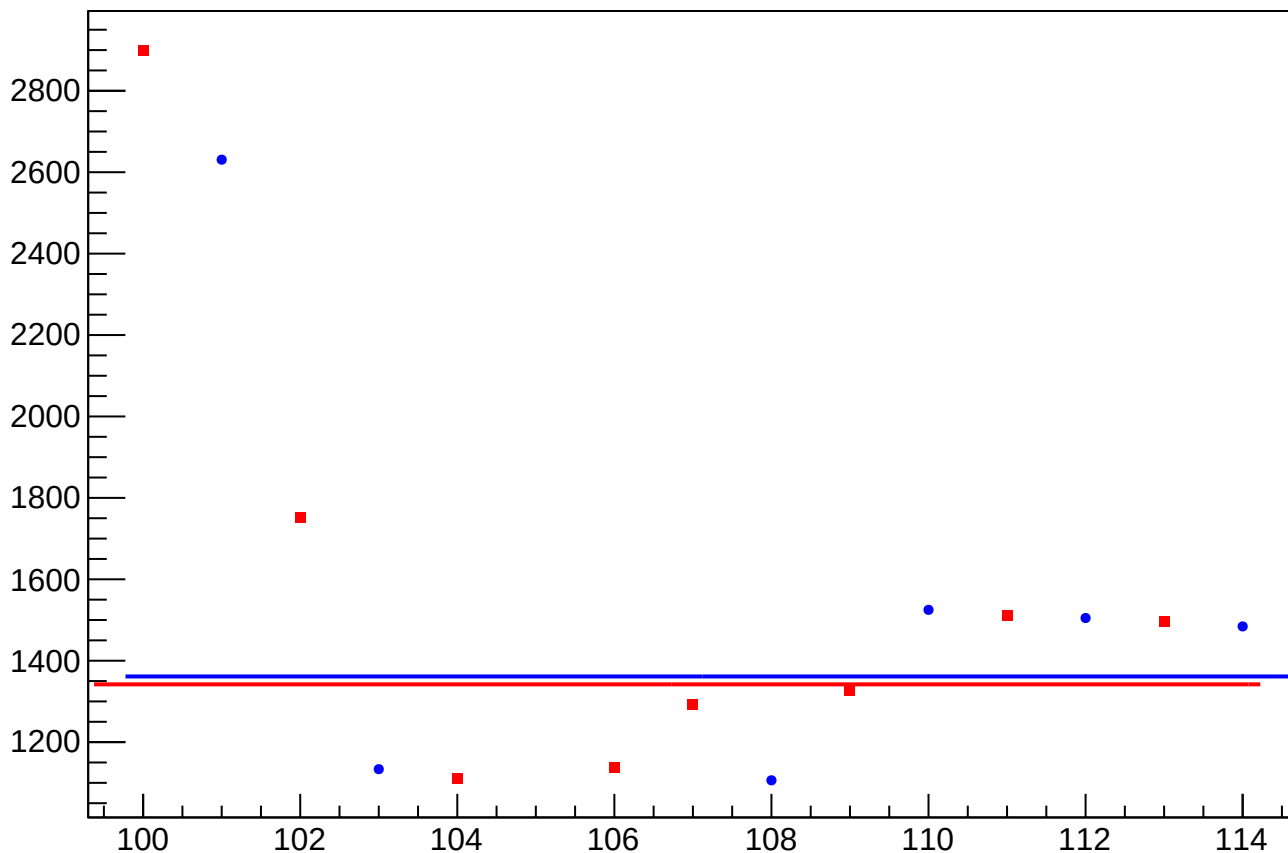
Right: -771.978+/-585.387 χ^2/NDF : 8.1/13

In: -1100.311+/-876.390 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.978+/-585.387 χ^2/NDF : 8.1/13

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

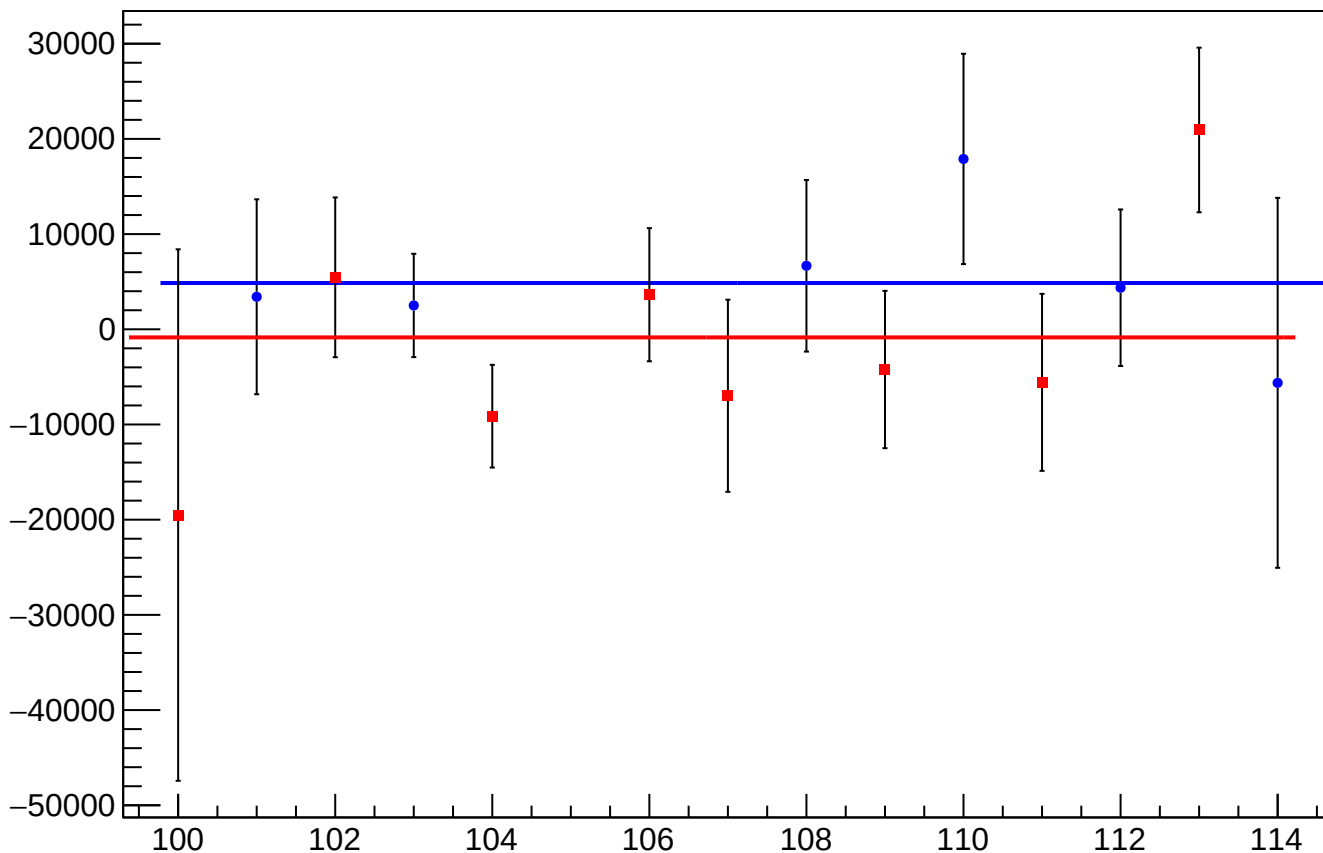
Right: 1350.539+/-0.413 χ^2/NDF : 592348.6/13

In: 1361.347+/-0.620 χ^2/NDF : 412674.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.539+/-0.413 χ^2/NDF : 592348.6/13

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

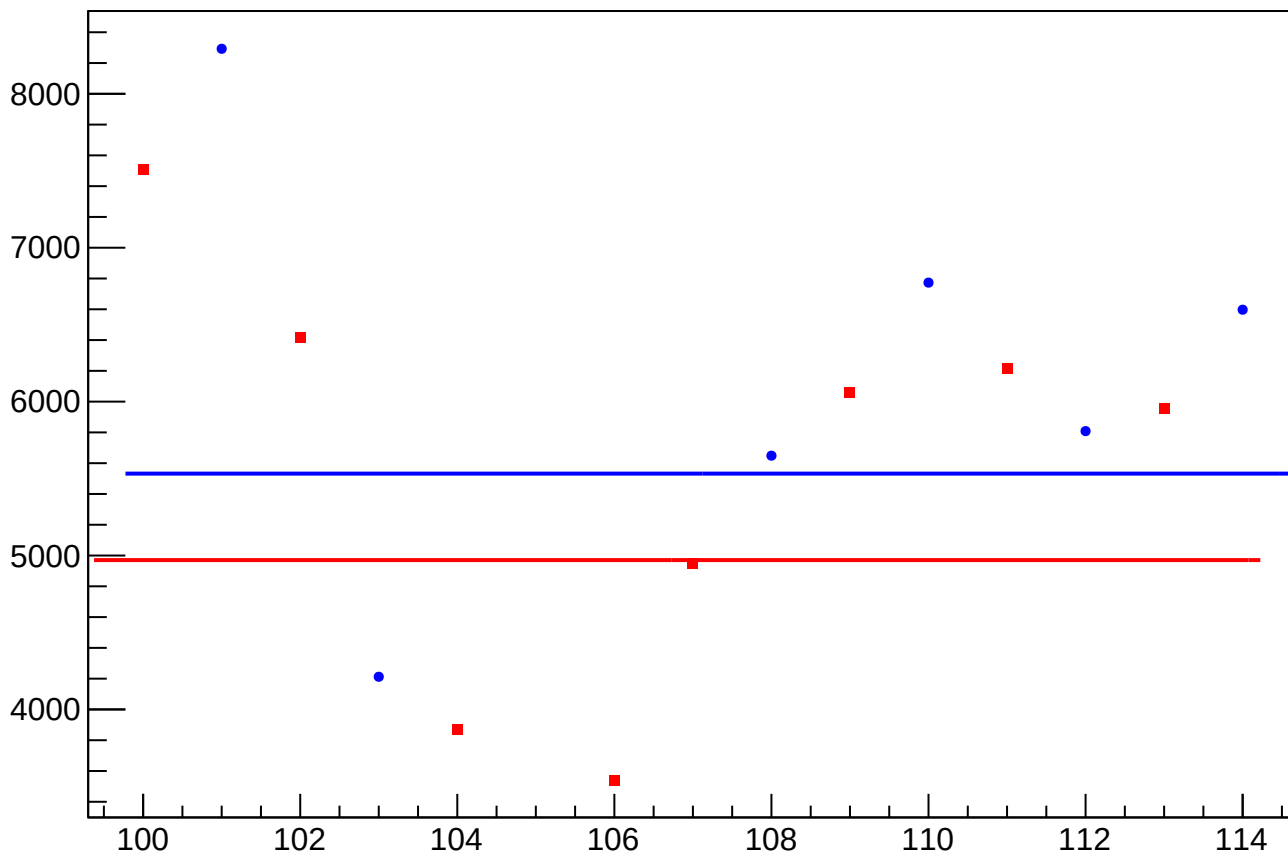
Right: 1462.783+/-2229.639 χ^2/NDF : 14.4/13

In: 4862.647+/-3503.924 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.783+/-2229.639 χ^2/NDF : 14.4/13

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5532.263+/-2.478 χ^2/NDF : 297492.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4970.430+/-2.044 χ^2/NDF : 339762.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

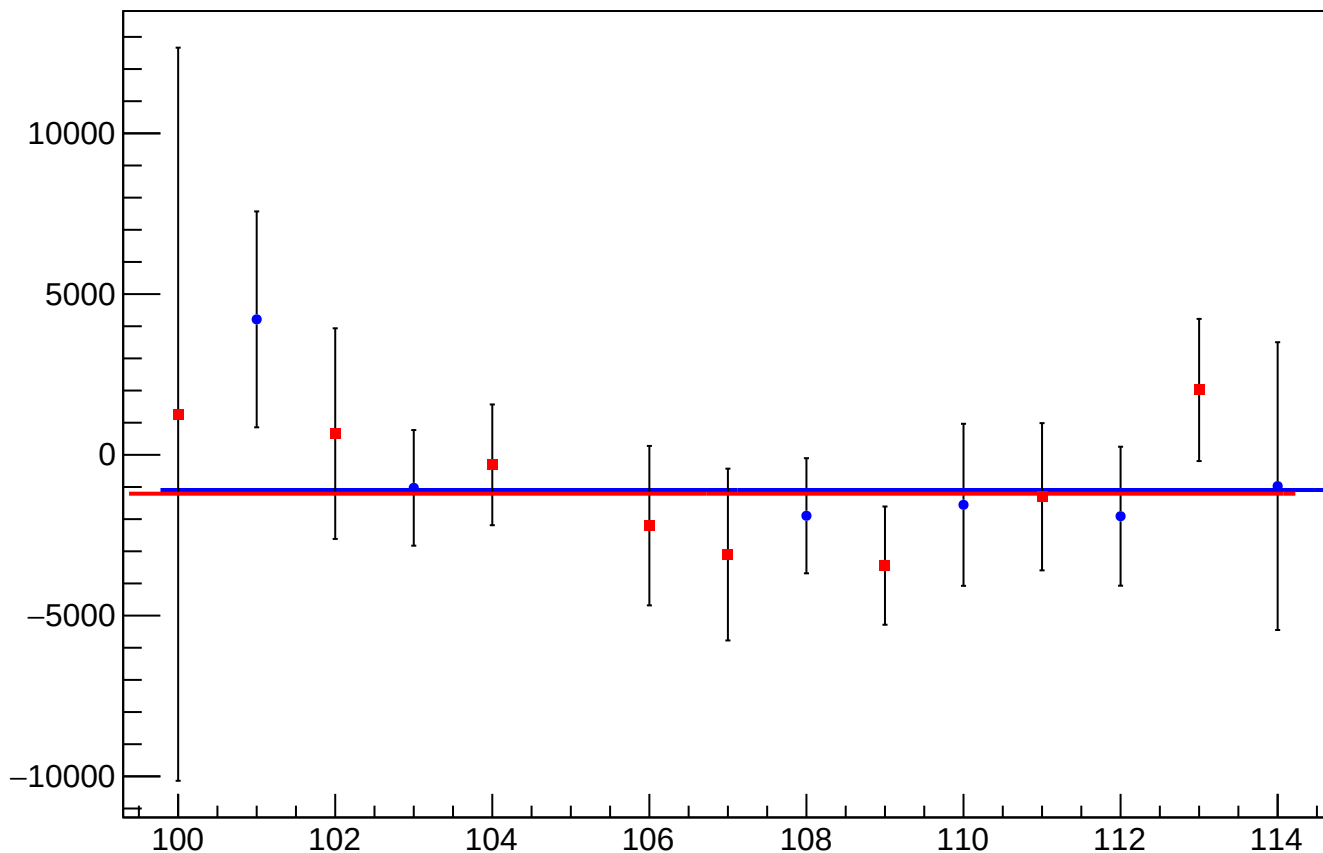
Right: 5197.923+/-1.577 χ^2/NDF : 667854.5/13

In: 5532.263+/-2.478 χ^2/NDF : 297492.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5197.923+/-1.577 χ^2/NDF : 667854.5/13

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

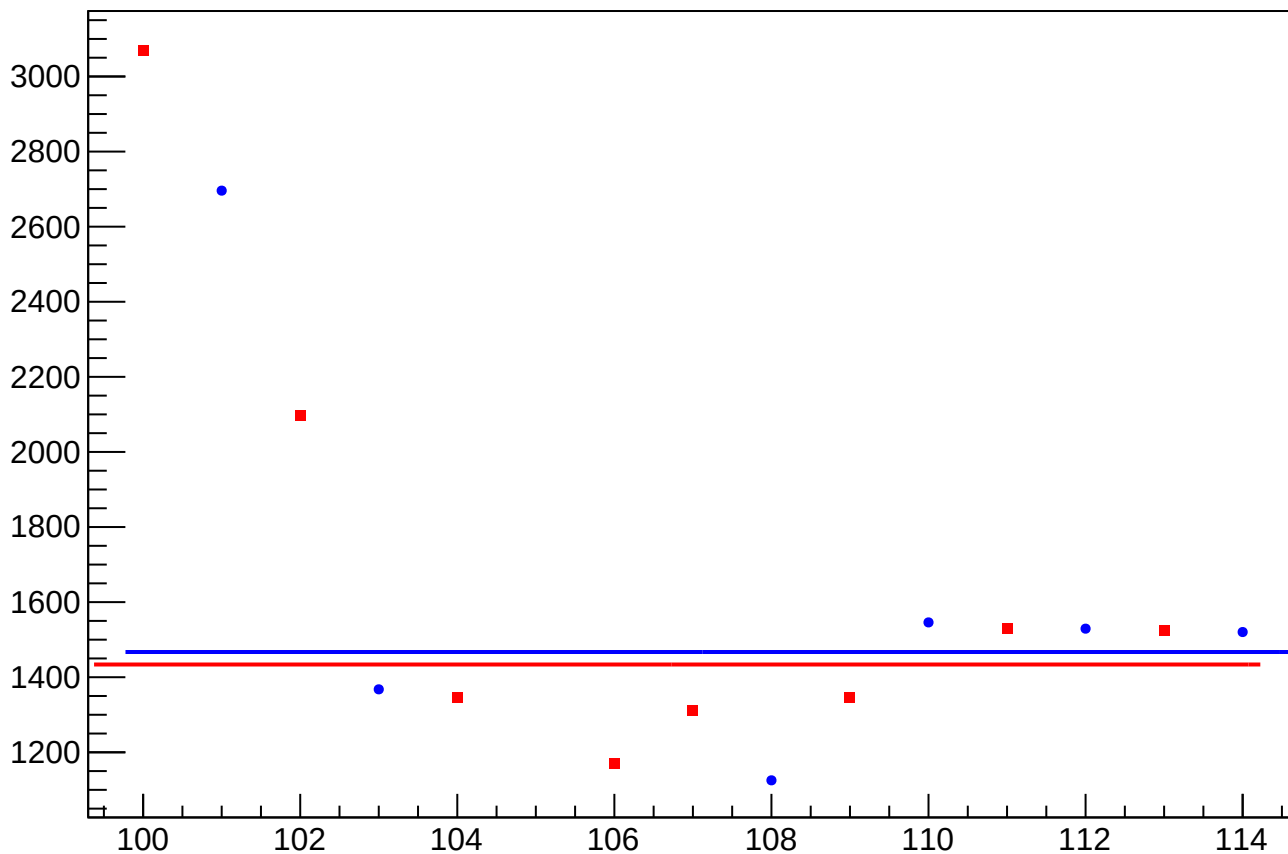
Right: -1156.036+/-631.298 χ^2/NDF : 7.8/13

In: -1093.078+/-940.198 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.036+/-631.298 χ^2/NDF : 7.8/13

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1467.155+/-0.665 χ^2/NDF : 350733.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1433.857+/-0.602 χ^2/NDF : 165949.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

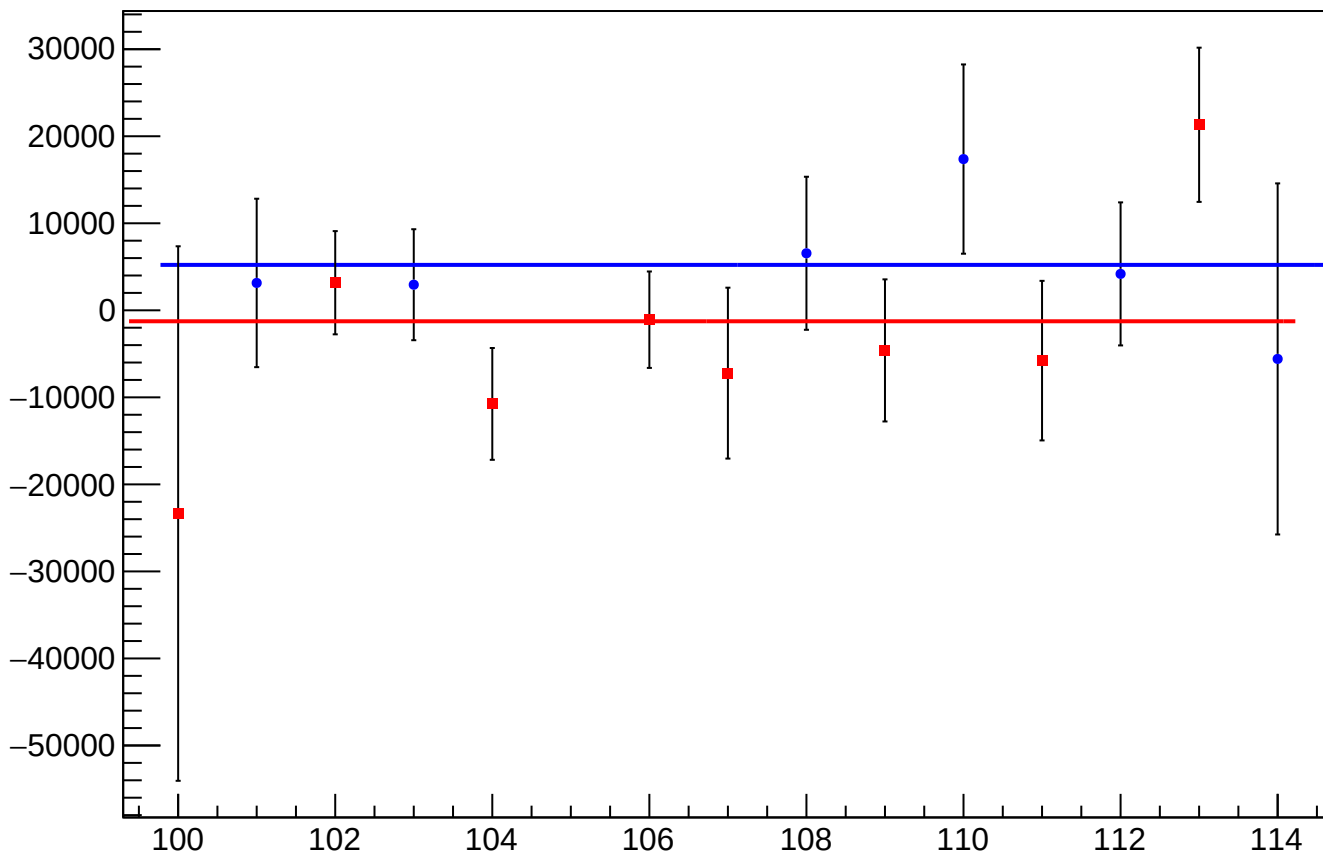
Right: 1448.859+/-0.446 χ^2/NDF : 518061.3/13

In: 1467.155+/-0.665 χ^2/NDF : 350733.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1448.859+/-0.446 χ^2/NDF : 518061.3/13

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

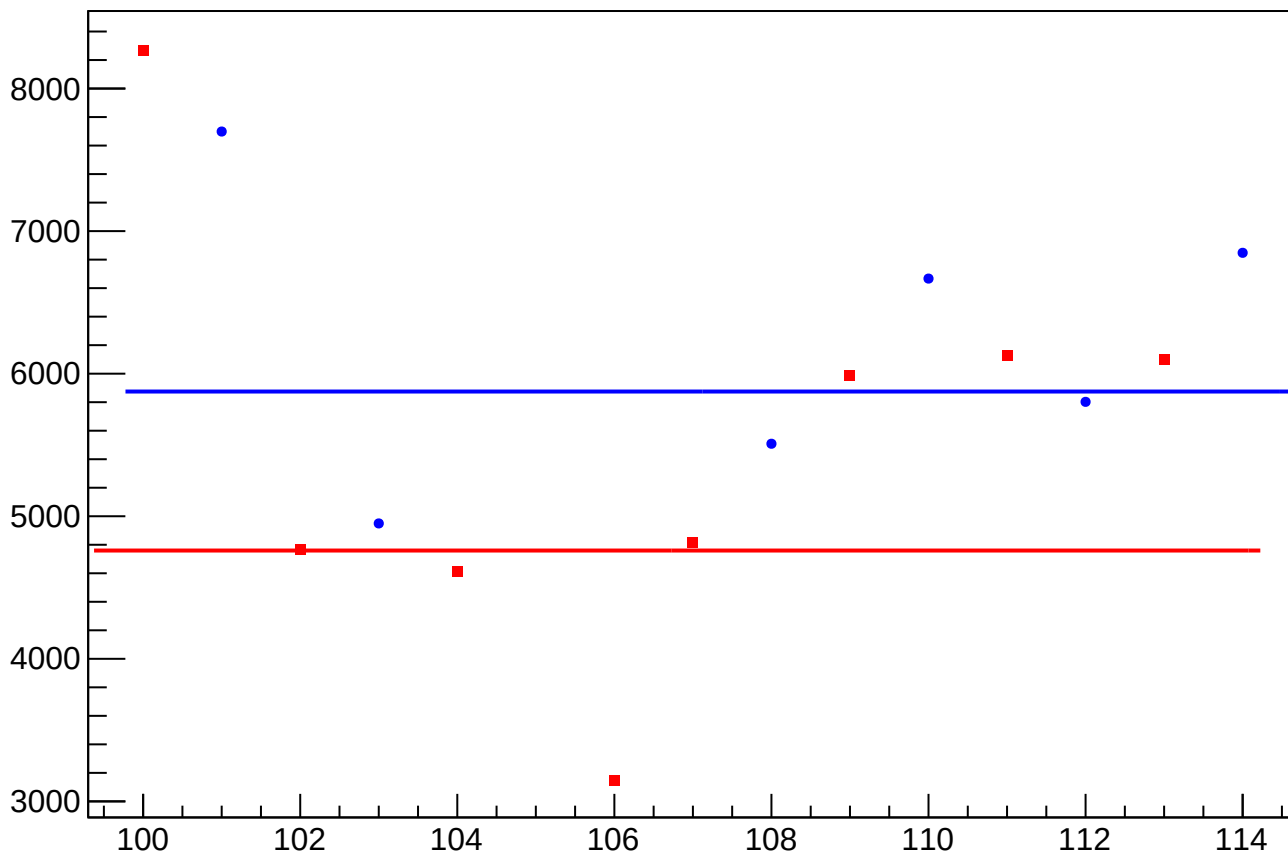
Right: 1018.926+/-2180.746 χ^2/NDF : 14.3/13

In: 5219.313+/-3677.542 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.926+/-2180.746 χ^2/NDF : 14.3/13

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5874.831+/-2.600 χ^2/NDF : 132055.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4759.532+/-1.915 χ^2/NDF : 331654.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

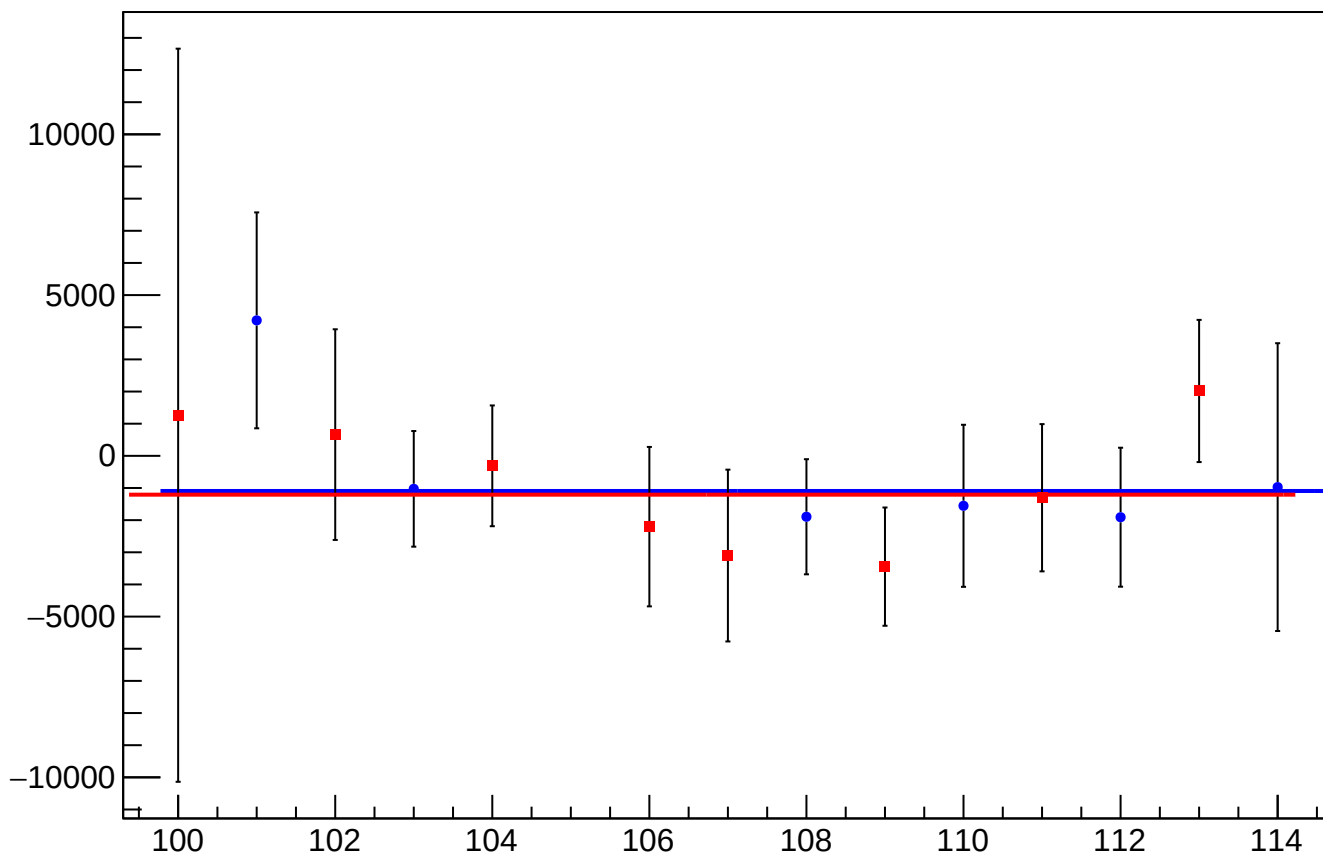
Right: 5151.713+/-1.542 χ^2/NDF : 582975.8/13

In: 5874.831+/-2.600 χ^2/NDF : 132055.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5151.713+/-1.542 χ^2/NDF : 582975.8/13

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

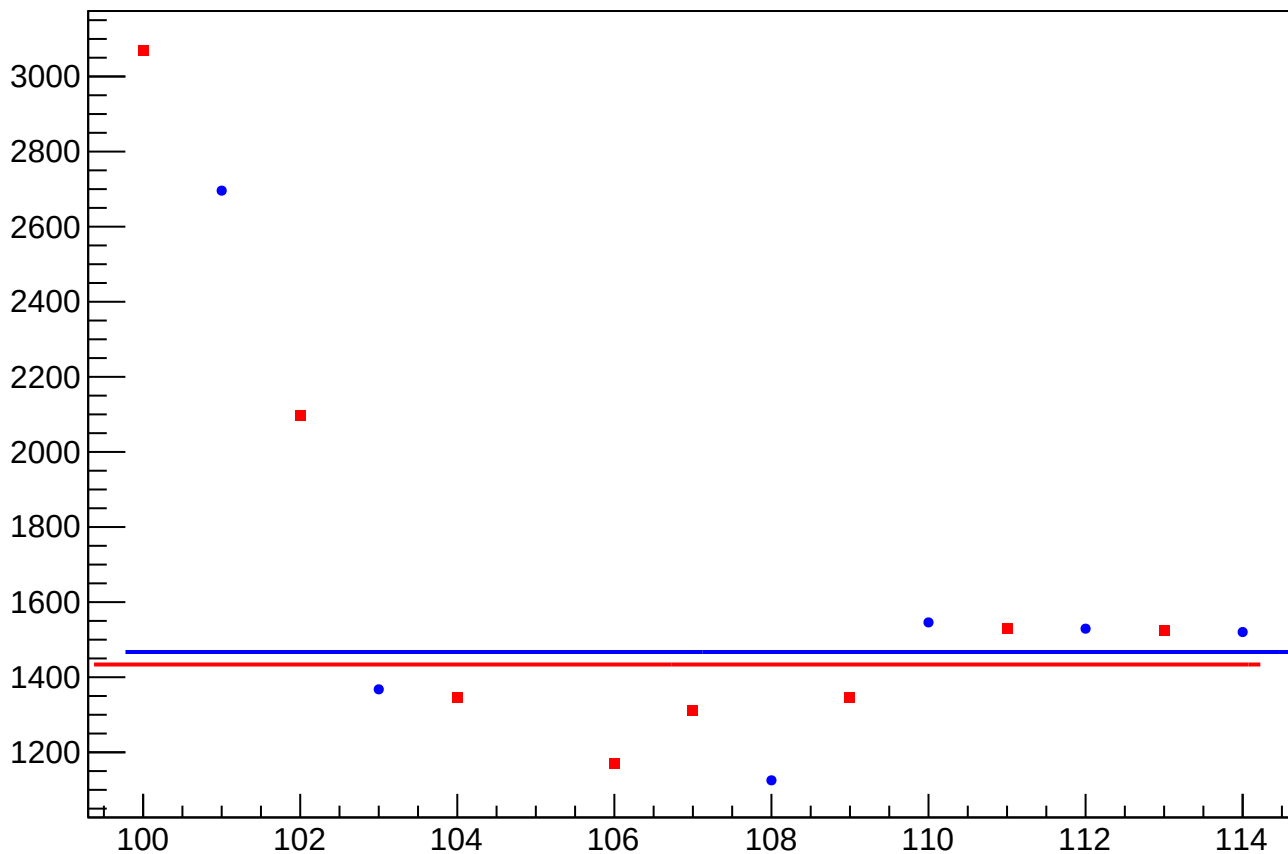
Right: -1156.048+/-631.298 χ^2/NDF : 7.8/13

In: -1093.086+/-940.198 χ^2/NDF :2.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1156.048+/-631.298 χ^2/NDF : 7.8/13

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1467.156+/-0.665 χ^2/NDF : 350732.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1433.857+/-0.602 χ^2/NDF : 165950.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

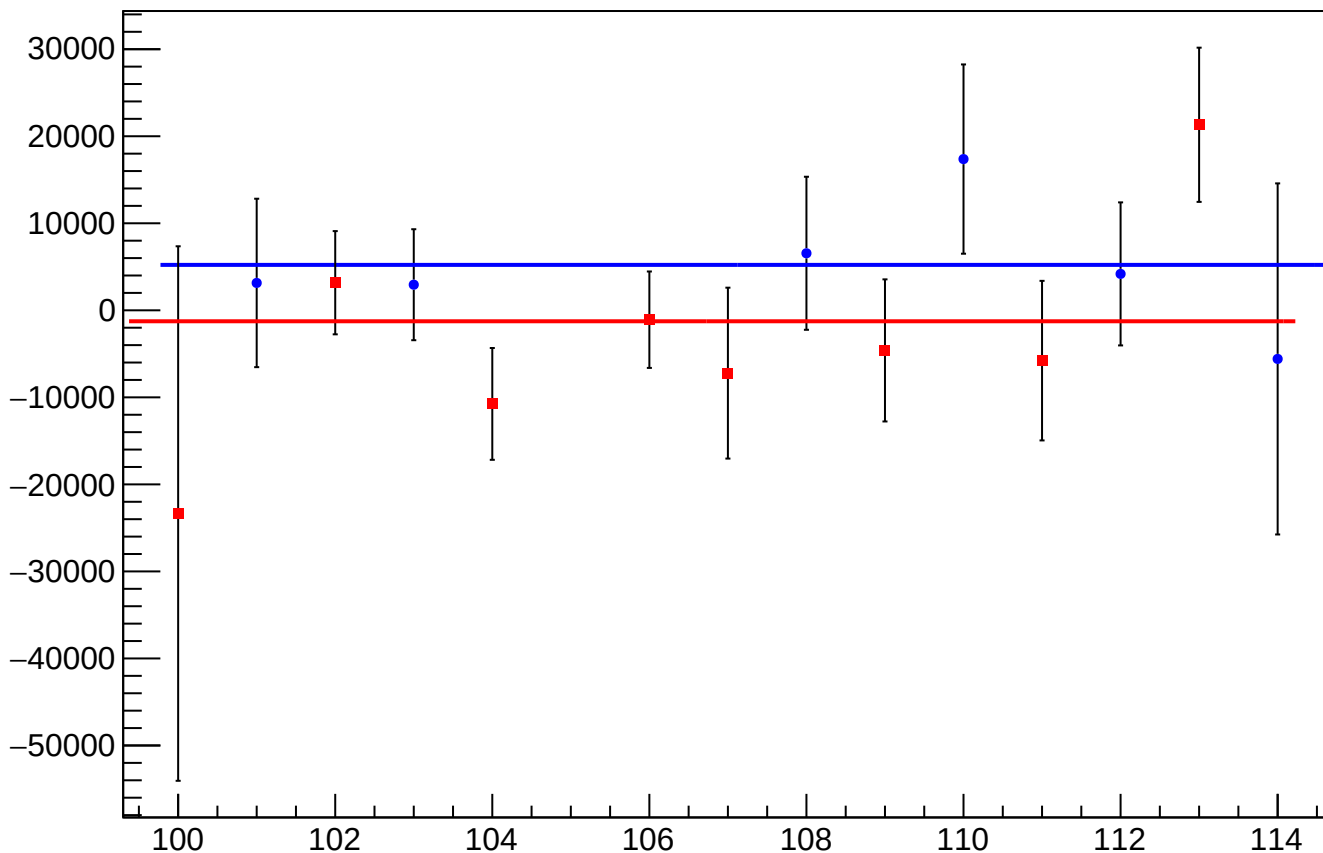
Right: 1448.859+/-0.446 χ^2/NDF : 518061.0/13

In: 1467.156+/-0.665 χ^2/NDF : 350732.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1448.859+/-0.446 χ^2/NDF : 518061.0/13

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 5219.312+/-3677.538 χ^2/NDF : 1.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1259.152+/-2708.293 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

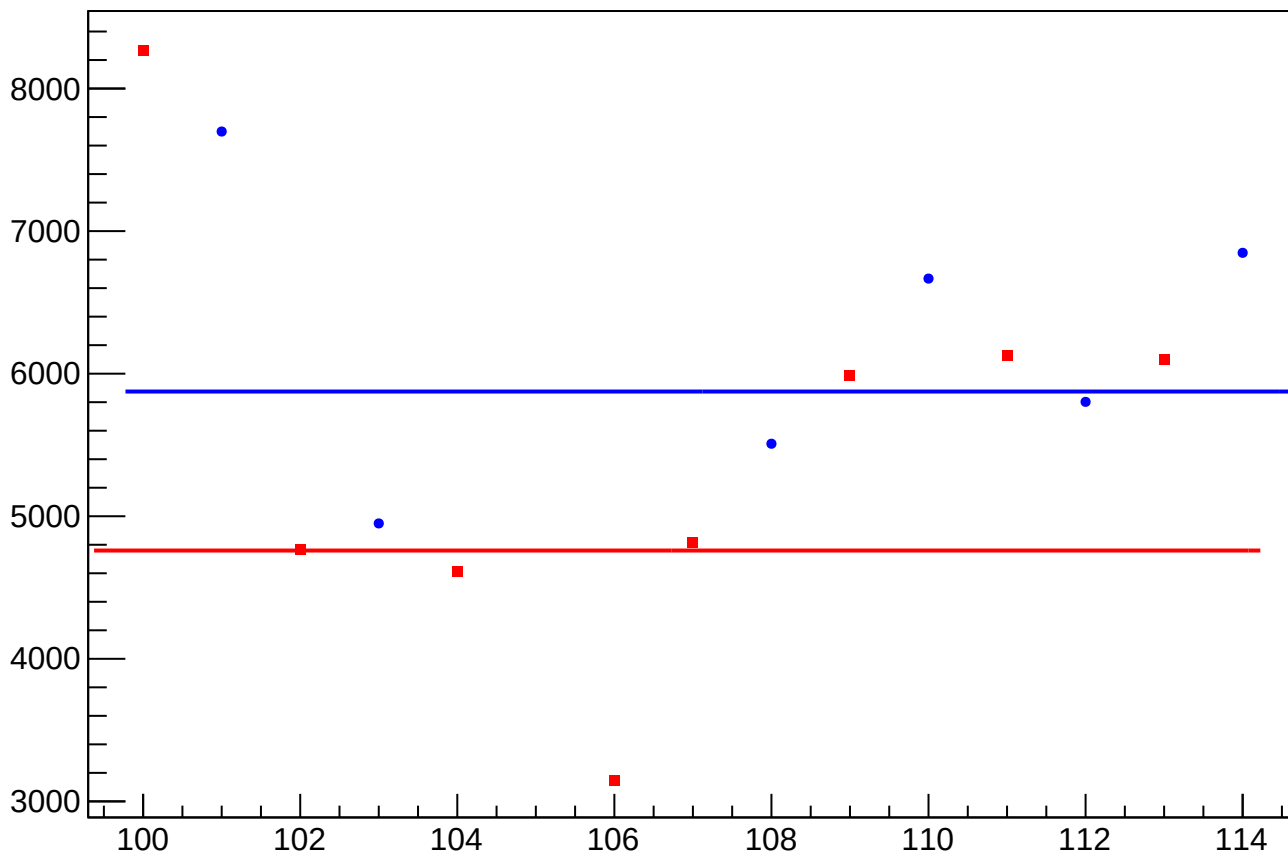
Right: 1018.916+/-2180.744 χ^2/NDF : 14.3/13

In: 5219.312+/-3677.538 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.916+/-2180.744 χ^2/NDF : 14.3/13

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5874.827+/-2.600 χ^2/NDF : 132054.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4759.525+/-1.915 χ^2/NDF : 331656.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

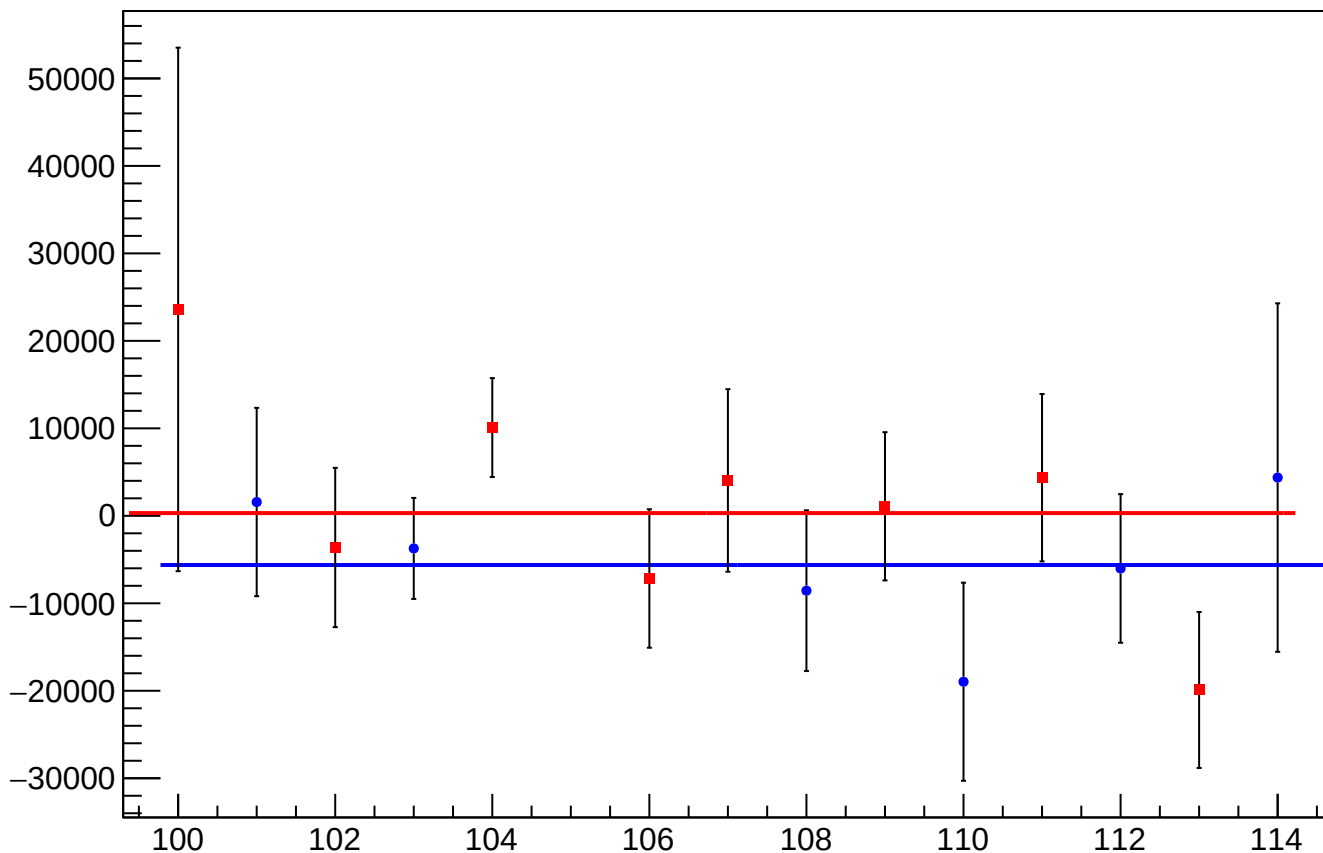
Right: 5151.706+/-1.542 χ^2/NDF : 582977.3/13

In: 5874.827+/-2.600 χ^2/NDF : 132054.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5151.706+/-1.542 χ^2/NDF : 582977.3/13

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5623.995+/-3659.923 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.586+/-3056.378 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

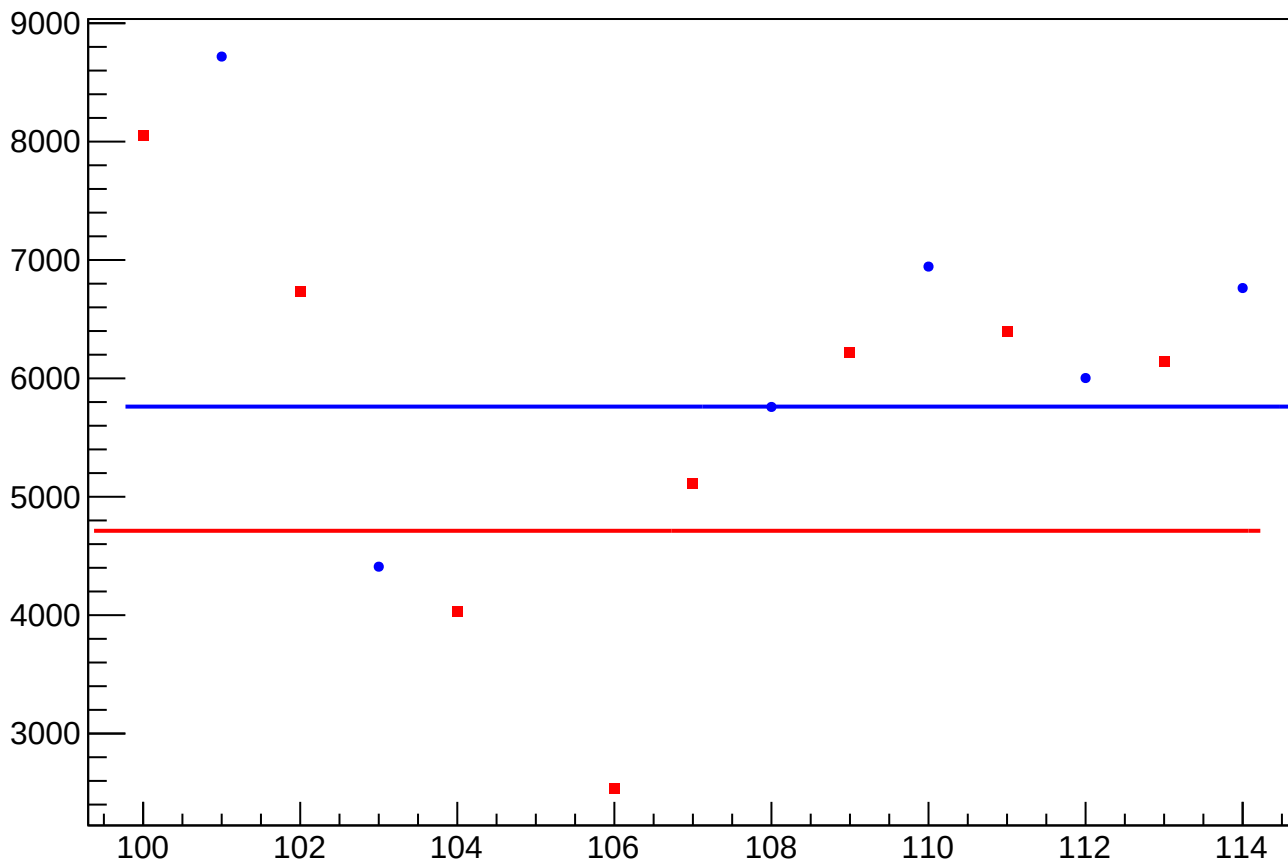
Right: -2125.912+/-2345.943 χ^2/NDF : 14.0/13

In: -5623.995+/-3659.923 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2125.912+/-2345.943 χ^2/NDF : 14.0/13

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

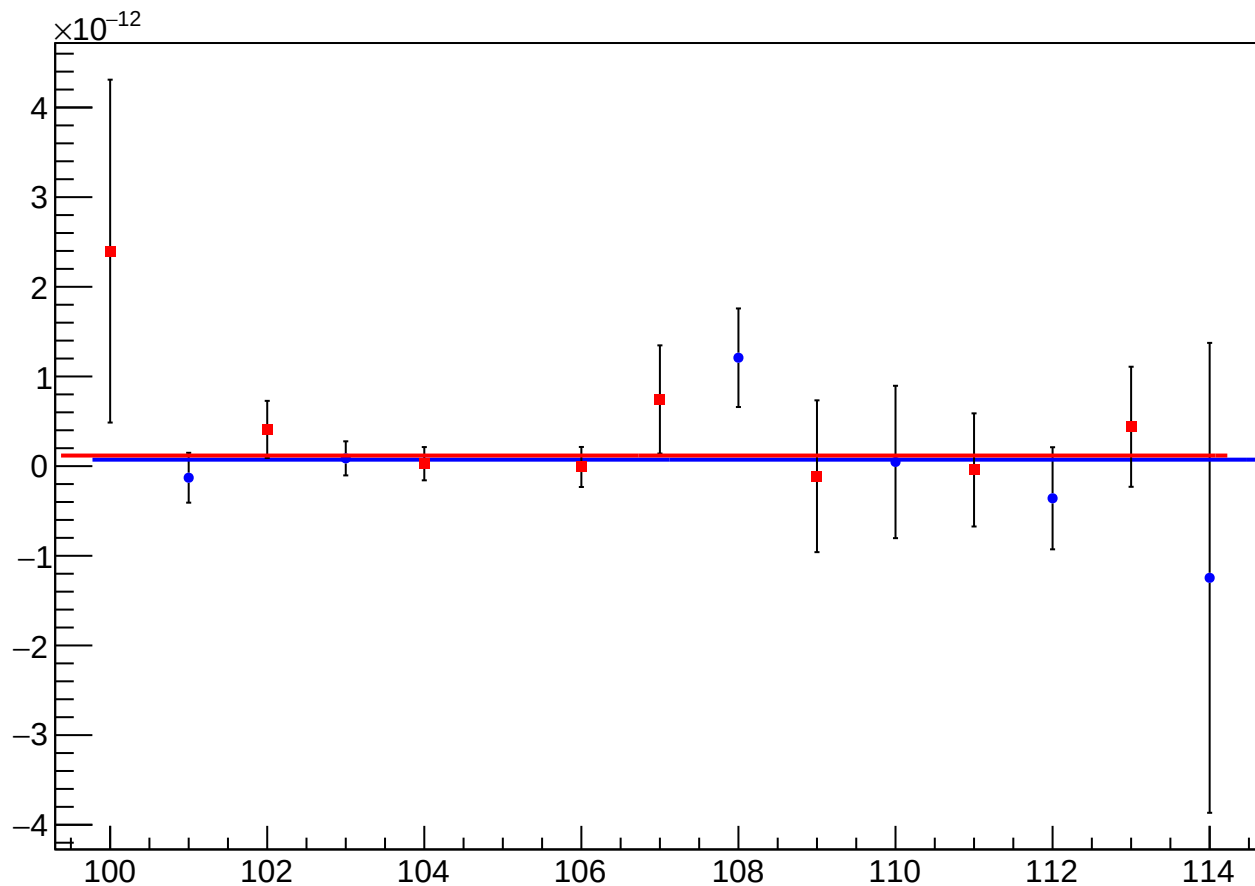
Right: 5110.212+/-1.593 χ^2/NDF : 1018161.1/13

In: 5761.669+/-2.588 χ^2/NDF : 289052.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5110.212+/-1.593 χ^2/NDF : 1018161.1/13

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

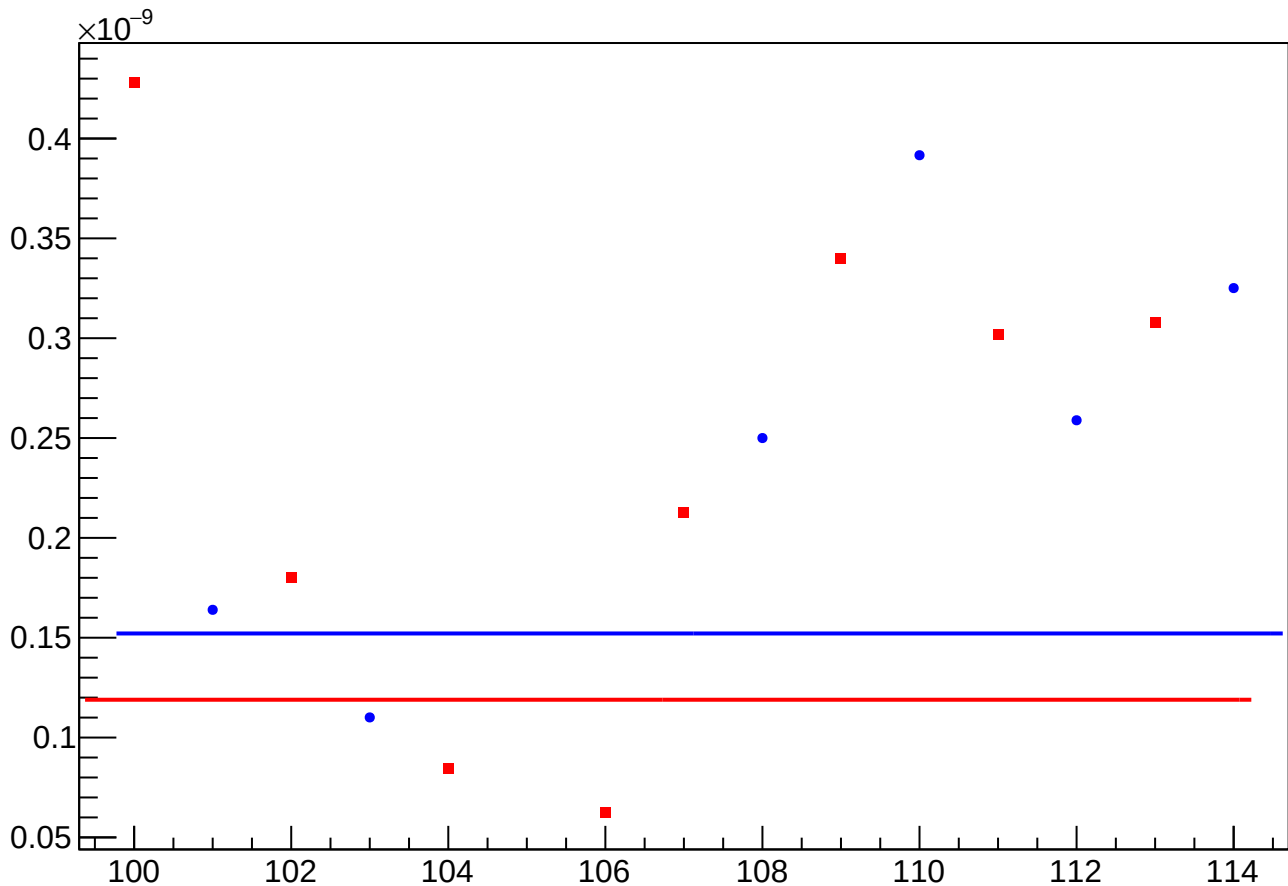
Right: 0.000+/-0.000 χ^2/NDF : 10.0/13

In: 0.000+/-0.000 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/13

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

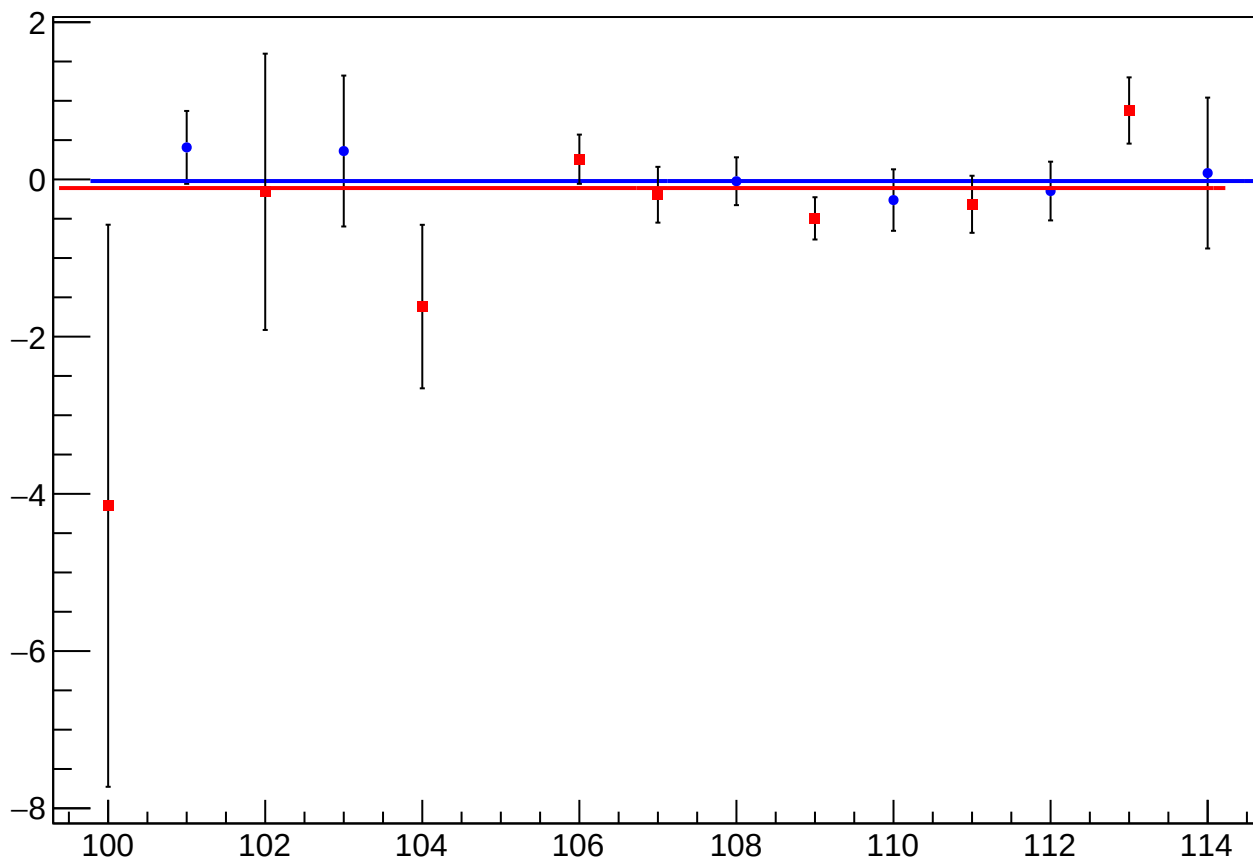
Right: 0.000+/-0.000 χ^2/NDF : 1301005.1/13

In: 0.000+/-0.000 χ^2/NDF :402788.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1301005.1/13

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

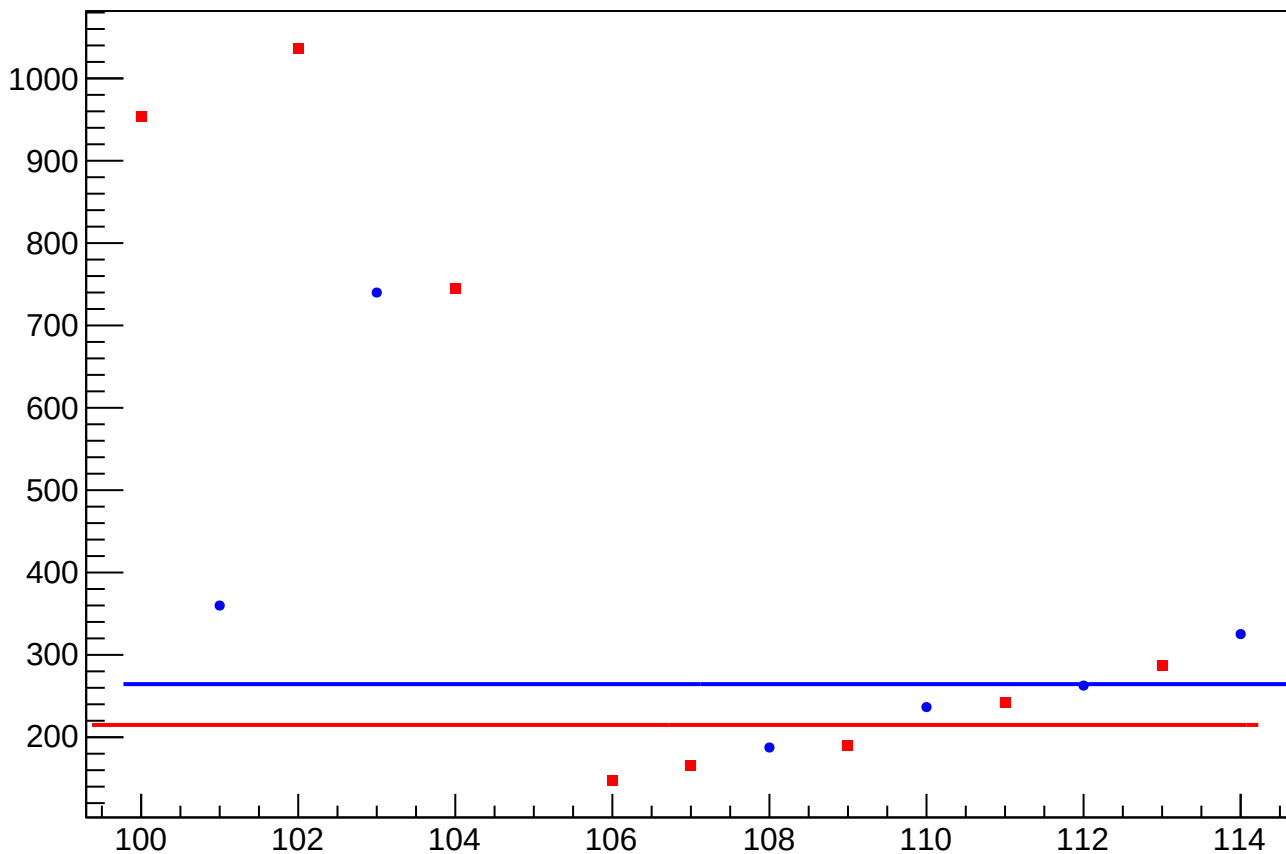
Right: -0.074 ± 0.113 χ^2/NDF : 14.3/13

In: -0.021 ± 0.179 χ^2/NDF : 1.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.113 χ^2/NDF : 14.3/13

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

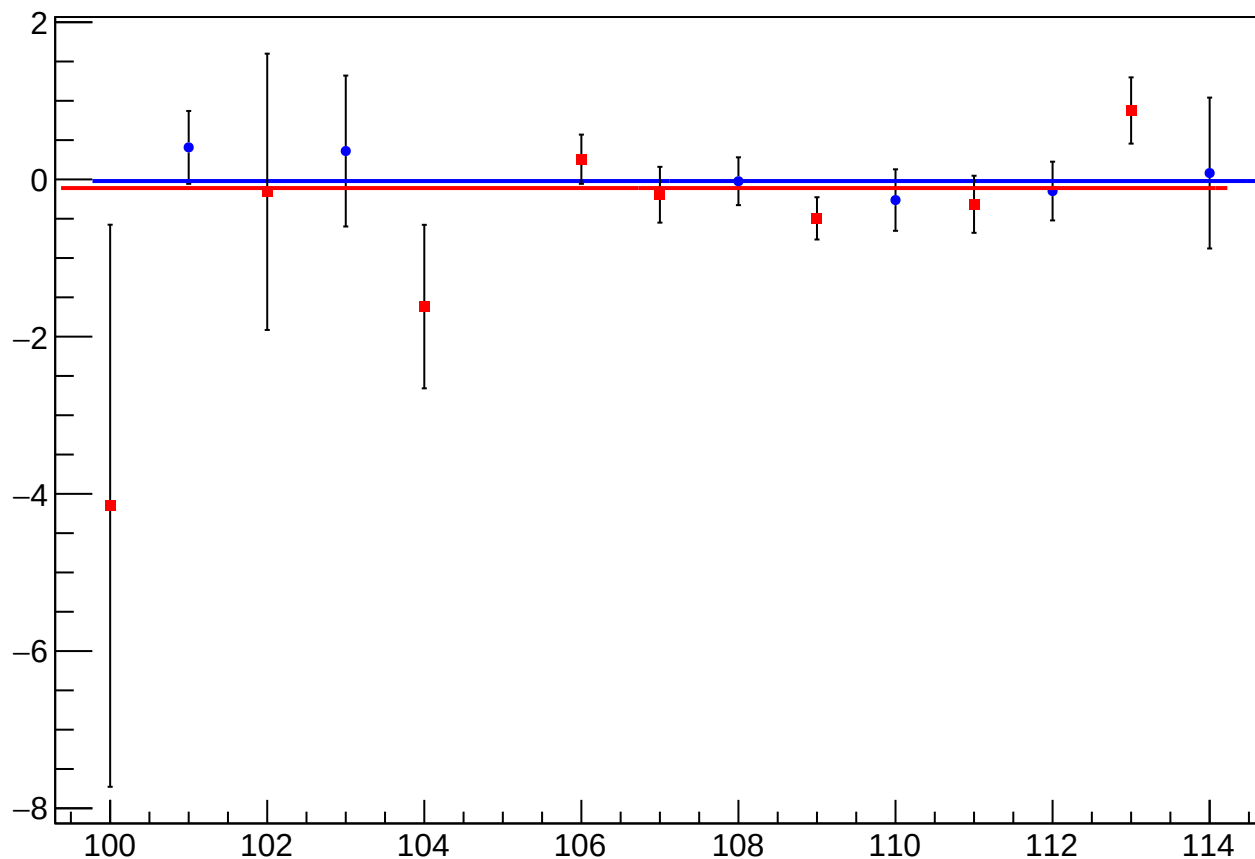
Right: 234.855+/-0.080 χ^2/NDF : 2073635.1/13

In: 264.480+/-0.126 χ^2/NDF : 721637.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.855+/-0.080 χ^2/NDF : 2073635.1/13

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

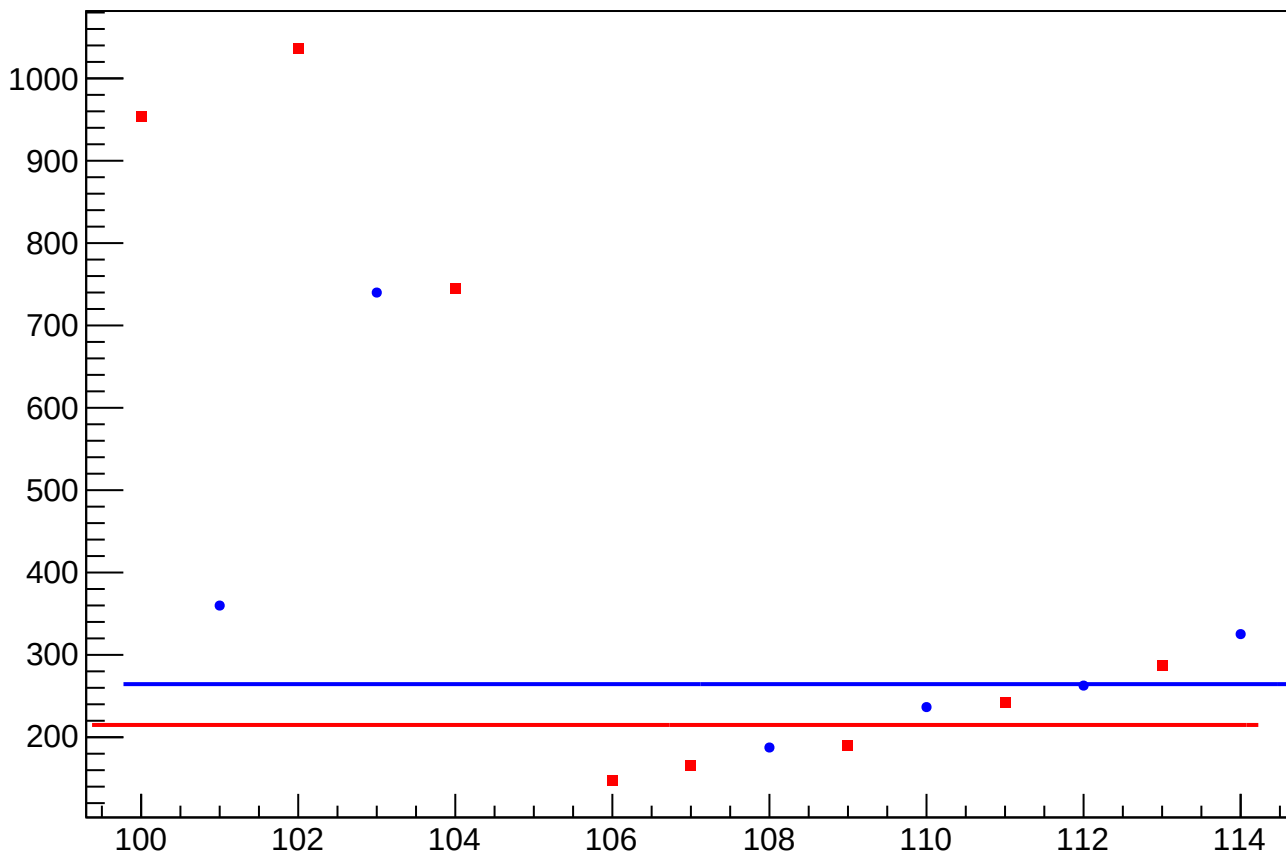
Right: -0.074 ± 0.113 χ^2/NDF : 14.3/13

In: -0.021 ± 0.179 χ^2/NDF : 1.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.113 χ^2/NDF : 14.3/13

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

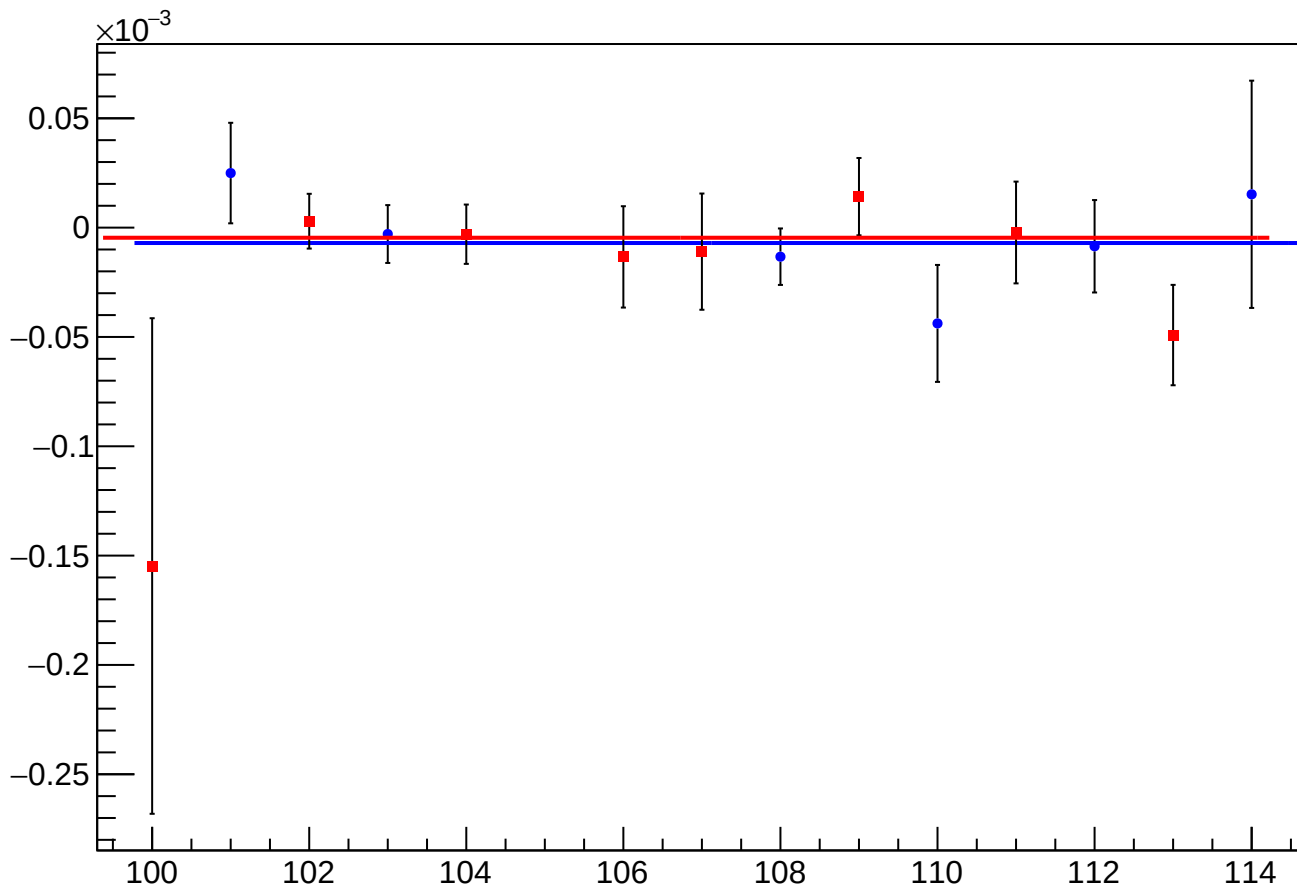
Right: 234.855+/-0.080 χ^2/NDF : 2073635.1/13

In: 264.480+/-0.126 χ^2/NDF : 721637.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.855+/-0.080 χ^2/NDF : 2073635.1/13

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

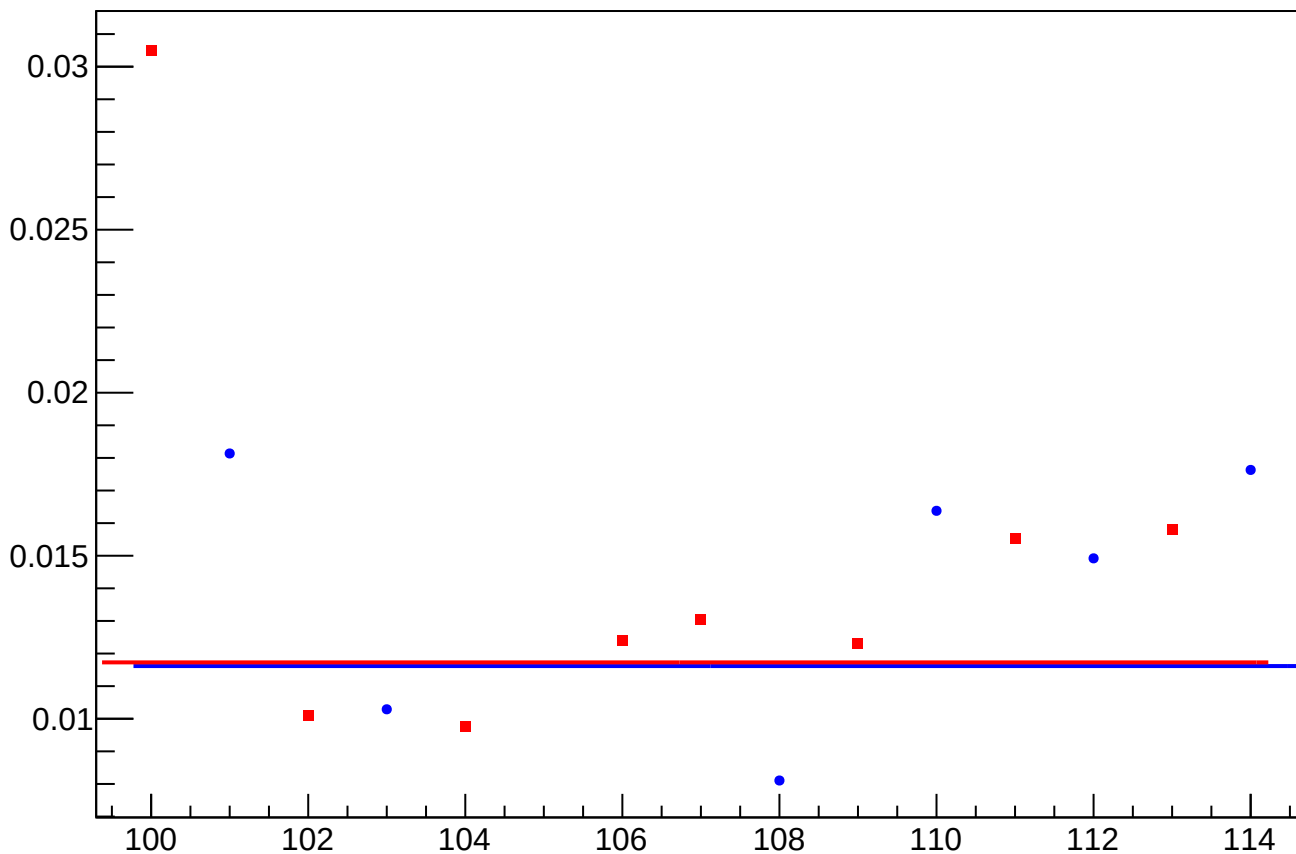
Right: -0.000+/-0.000 χ^2 /NDF: 11.6/13

In: -0.000+/-0.000 χ^2 /NDF:4.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/13

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 467776.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 256785.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

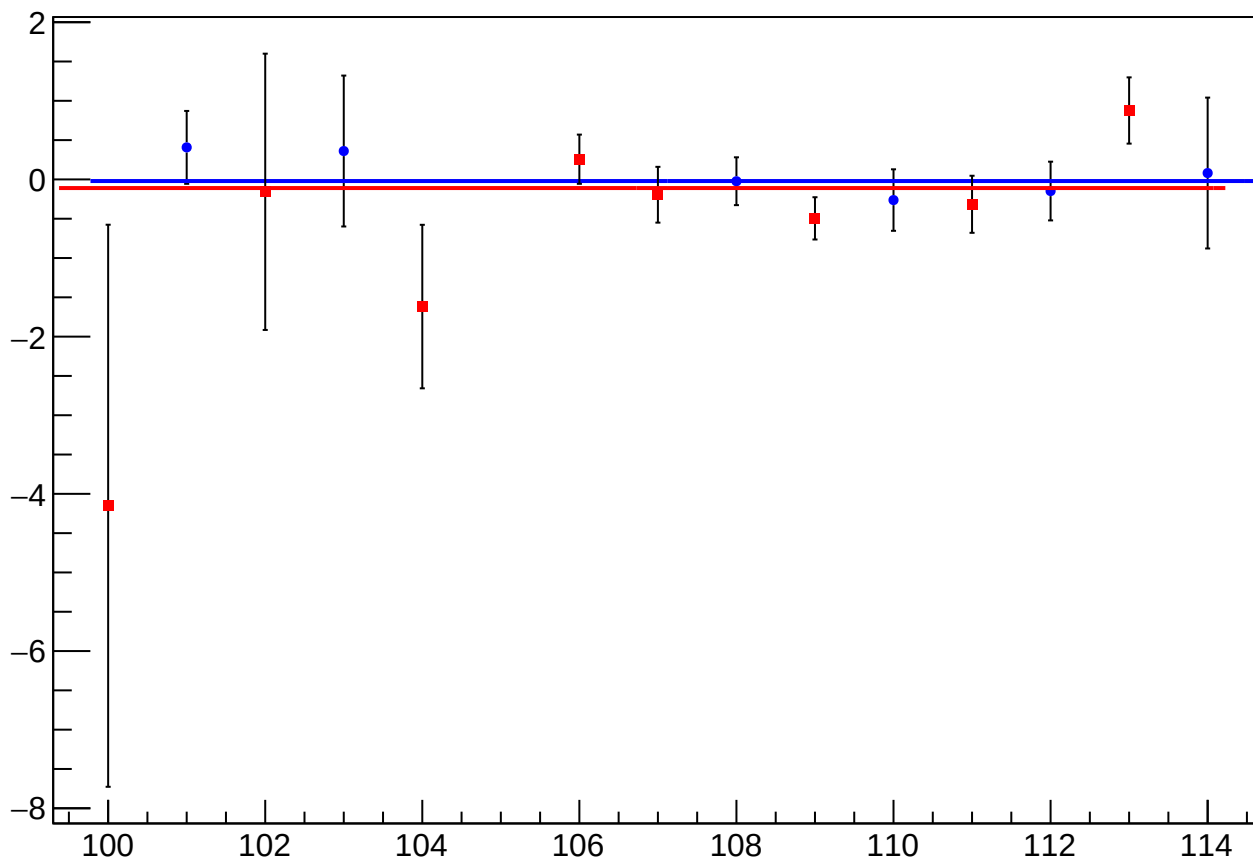
Right: 0.012+/-0.000 χ^2/NDF : 724812.2/13

In: 0.012+/-0.000 χ^2/NDF : 467776.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 724812.2/13

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

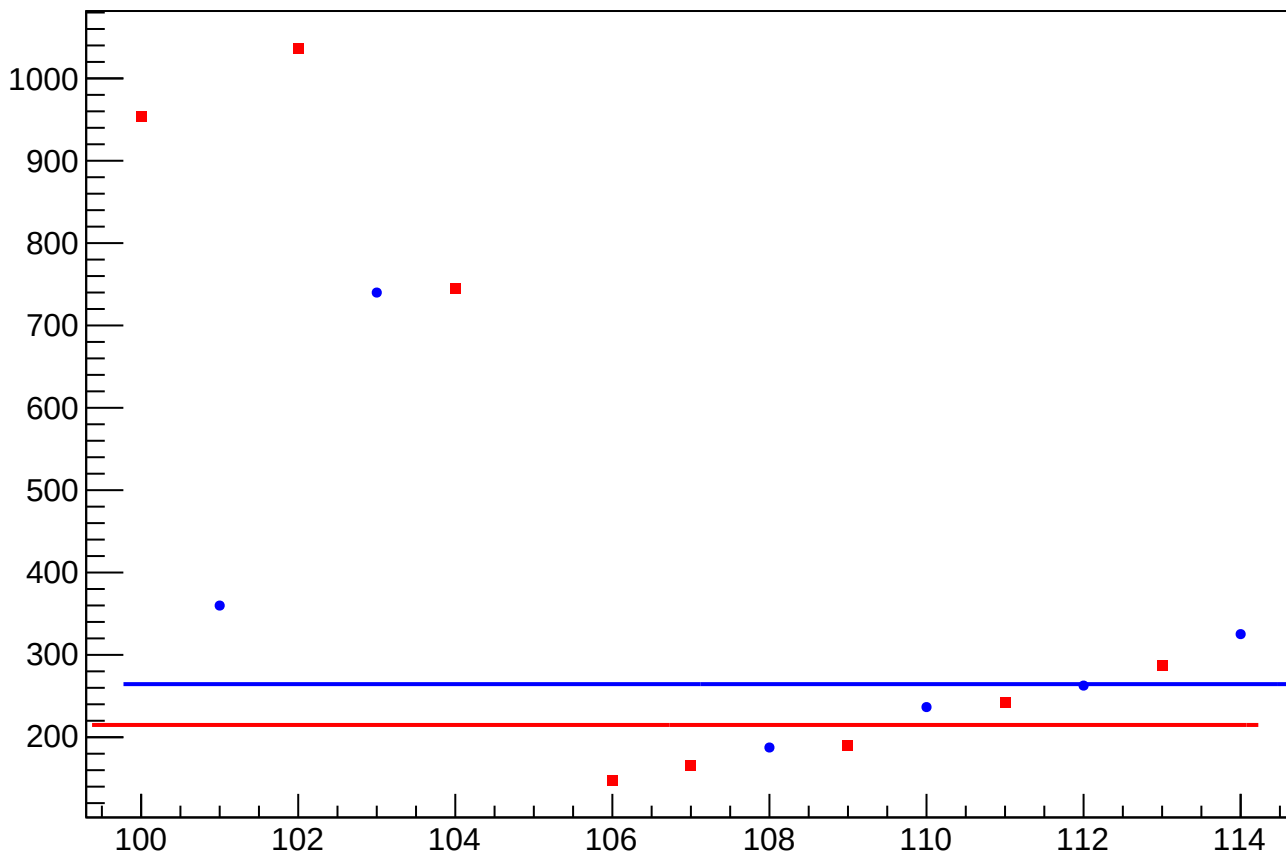
Right: -0.074 ± 0.113 χ^2/NDF : 14.3/13

In: -0.021 ± 0.179 χ^2/NDF : 1.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.113 χ^2/NDF : 14.3/13

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

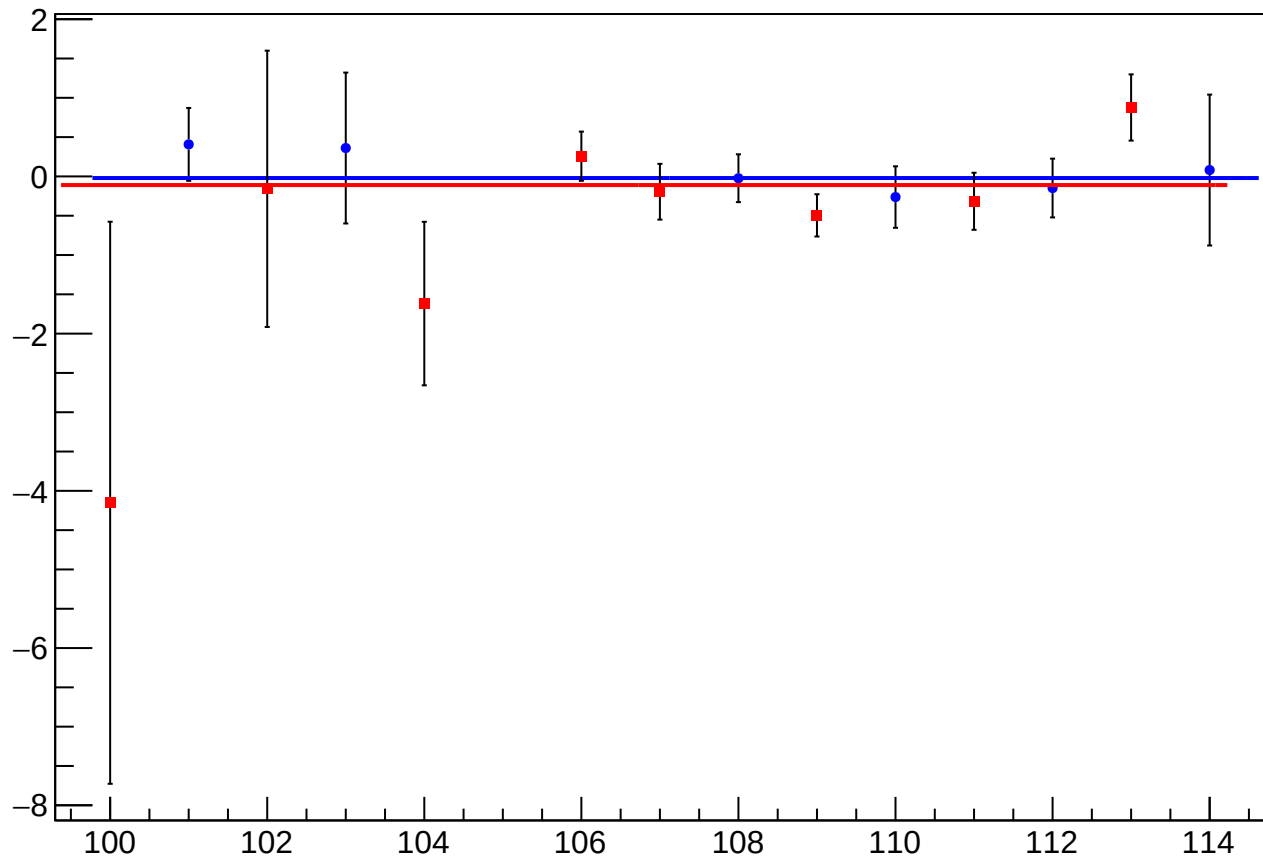
Right: 234.857+/-0.080 χ^2/NDF : 2073622.0/13

In: 264.483+/-0.126 χ^2/NDF : 721611.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.857+/-0.080 χ^2/NDF : 2073622.0/13

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

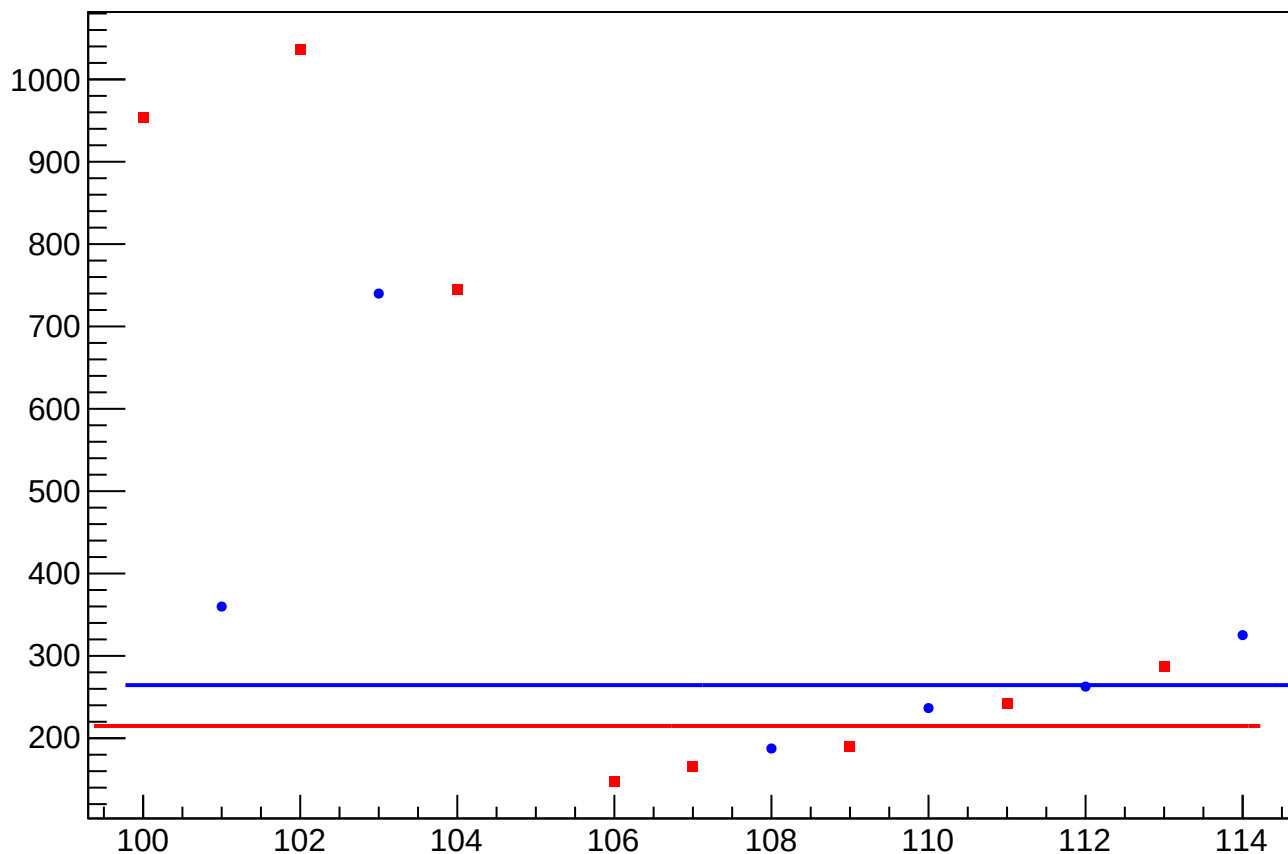
Right: -0.074 ± 0.113 χ^2/NDF : 14.3/13

In: -0.021 ± 0.179 χ^2/NDF : 1.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.113 χ^2/NDF : 14.3/13

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

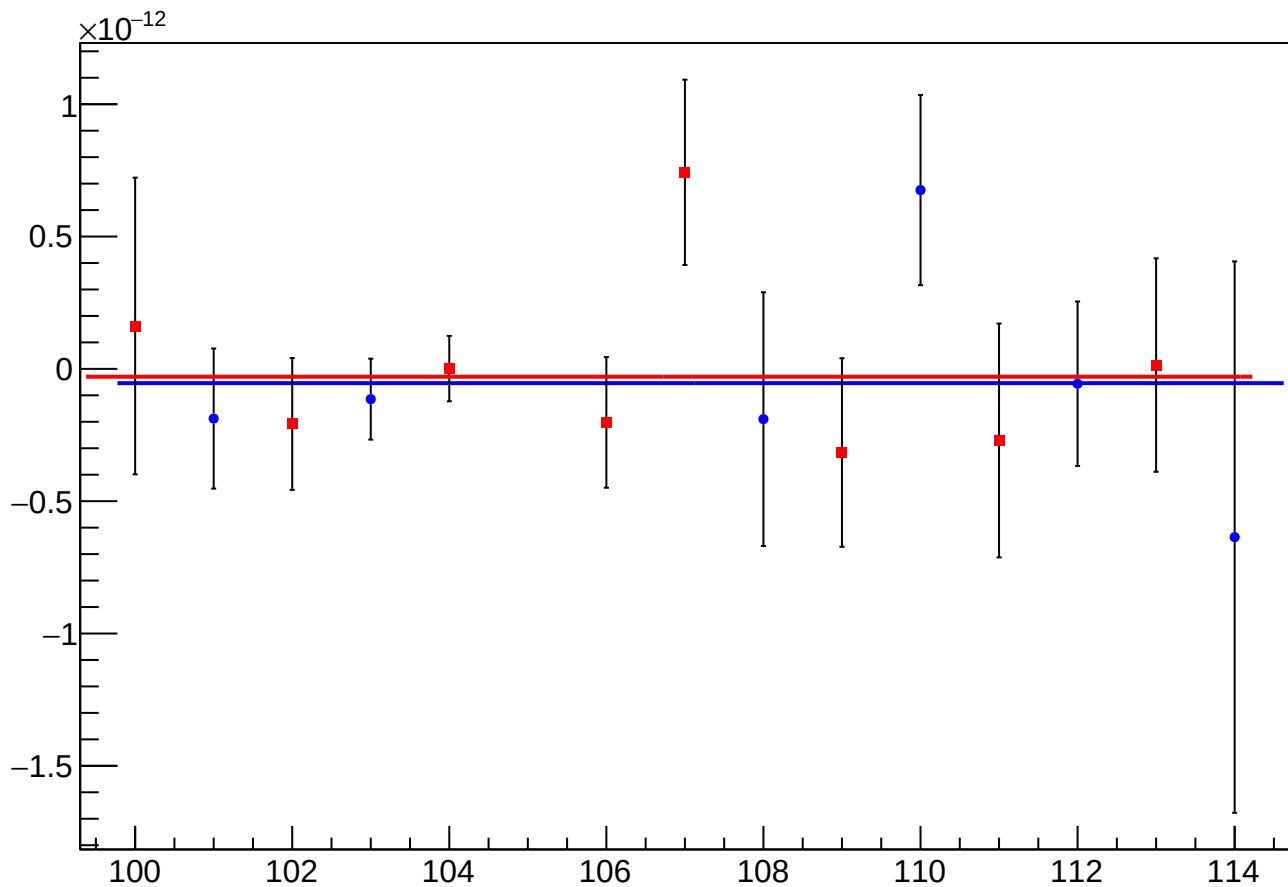
Right: 234.857+/-0.080 χ^2/NDF : 2073622.0/13

In: 264.483+/-0.126 χ^2/NDF : 721611.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.857+/-0.080 χ^2/NDF : 2073622.0/13

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

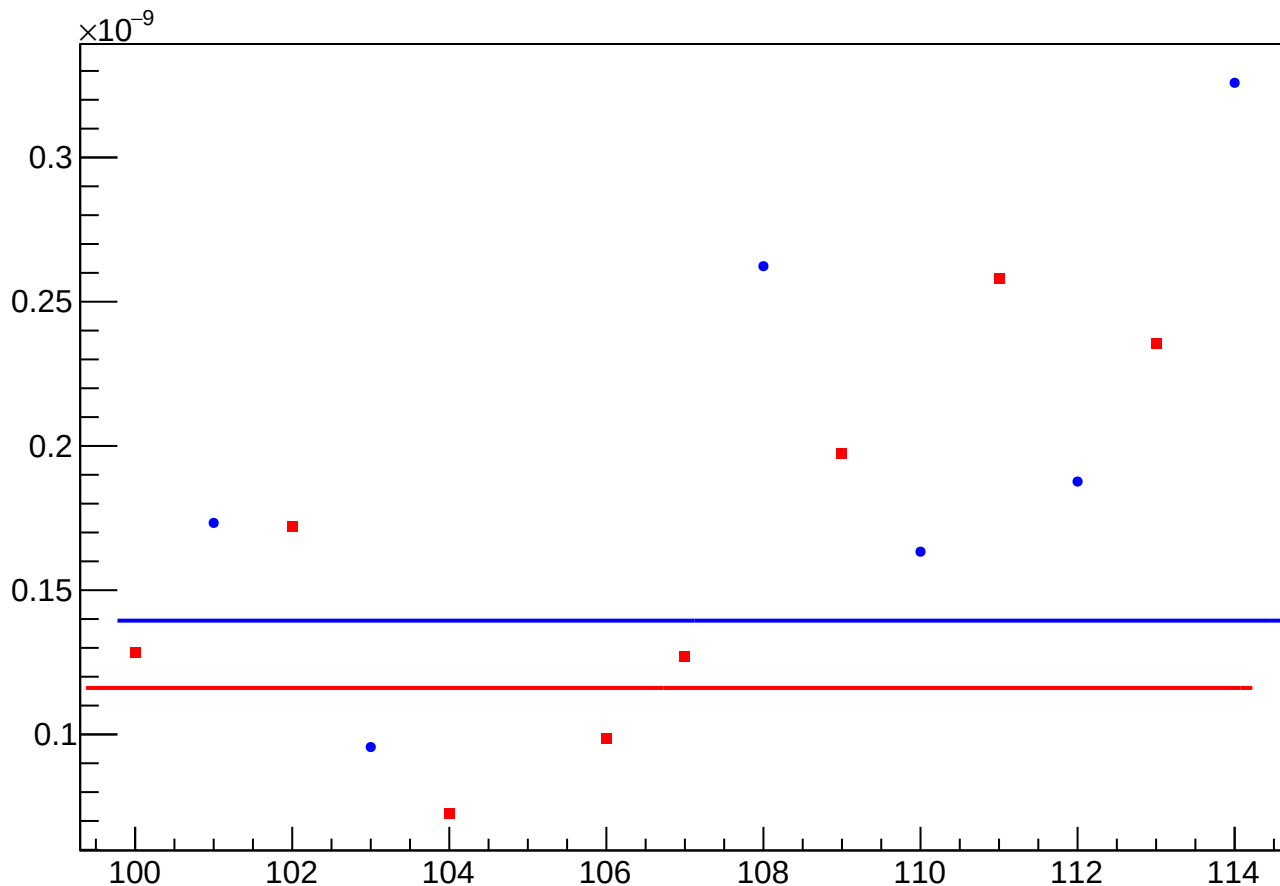
Right: -0.000+/-0.000 χ^2/NDF : 12.0/13

In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.0/13

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

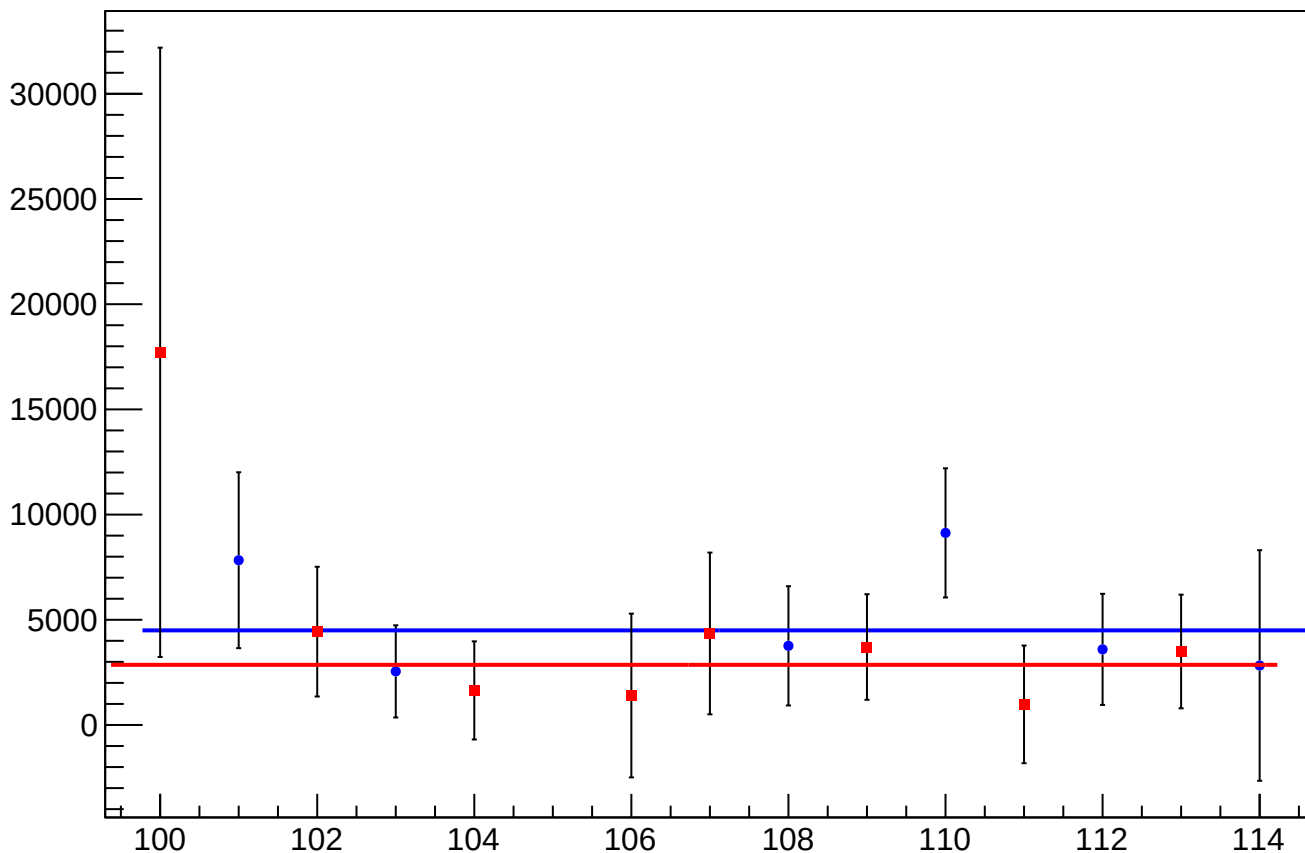
Right: 0.000+/-0.000 χ^2/NDF : 1351772.0/13

In: 0.000+/-0.000 χ^2/NDF : 449593.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1351772.0/13

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

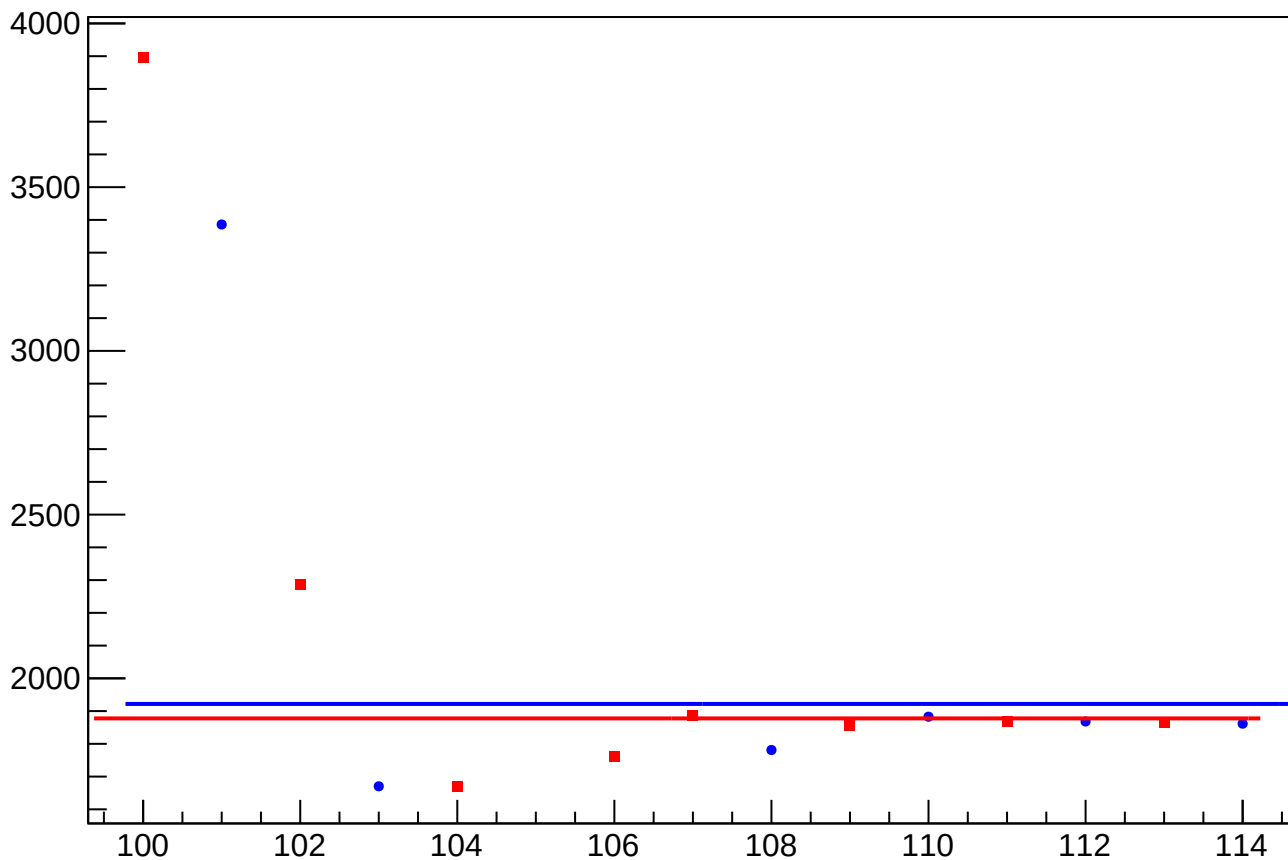
Right: 3581.503+/-809.985 χ^2/NDF : 7.5/13

In: 4496.357+/-1218.845 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3581.503+/-809.985 χ^2/NDF : 7.5/13

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

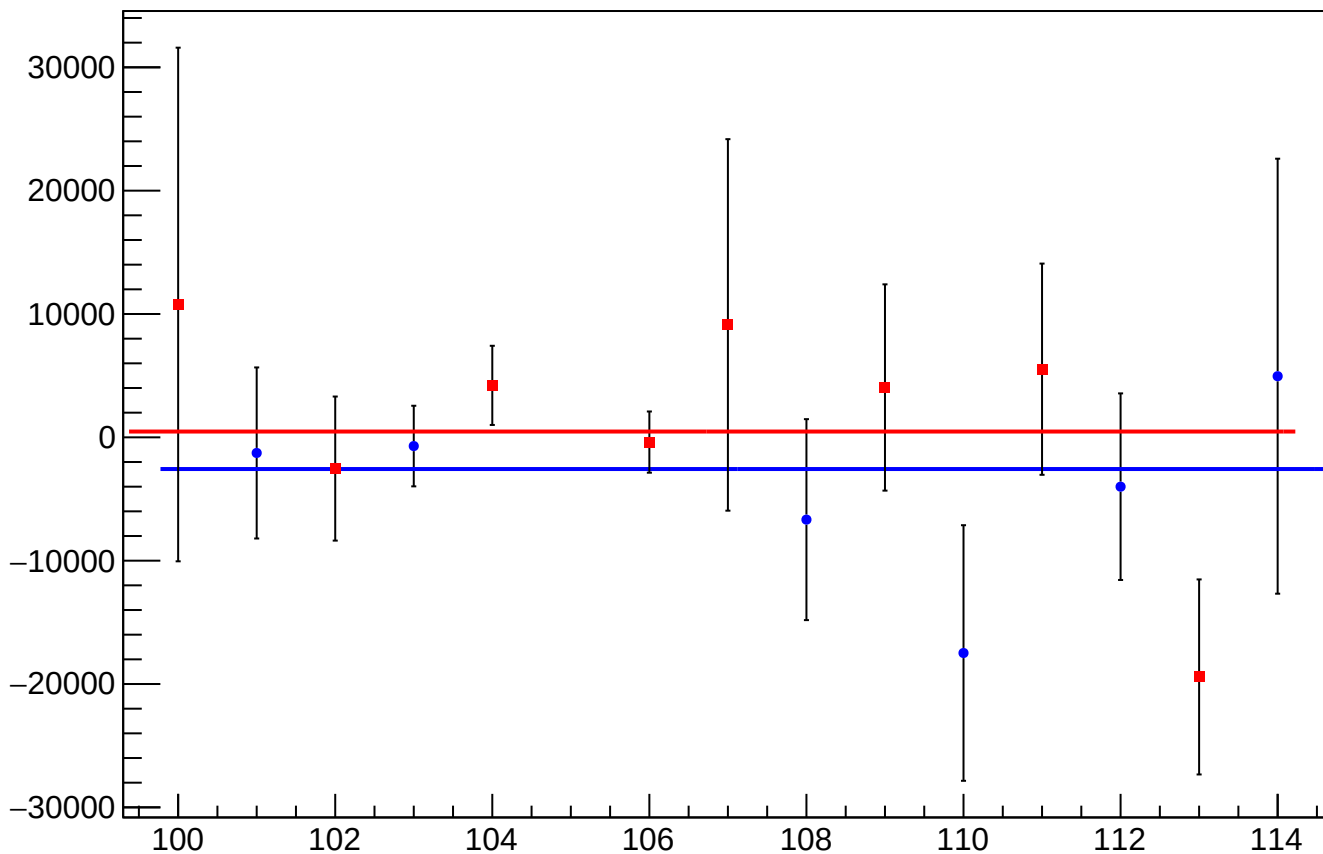
Right: 1897.023+/-0.570 χ^2/NDF : 371695.1/13

In: 1921.858+/-0.862 χ^2/NDF : 278052.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.023+/-0.570 χ^2/NDF : 371695.1/13

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

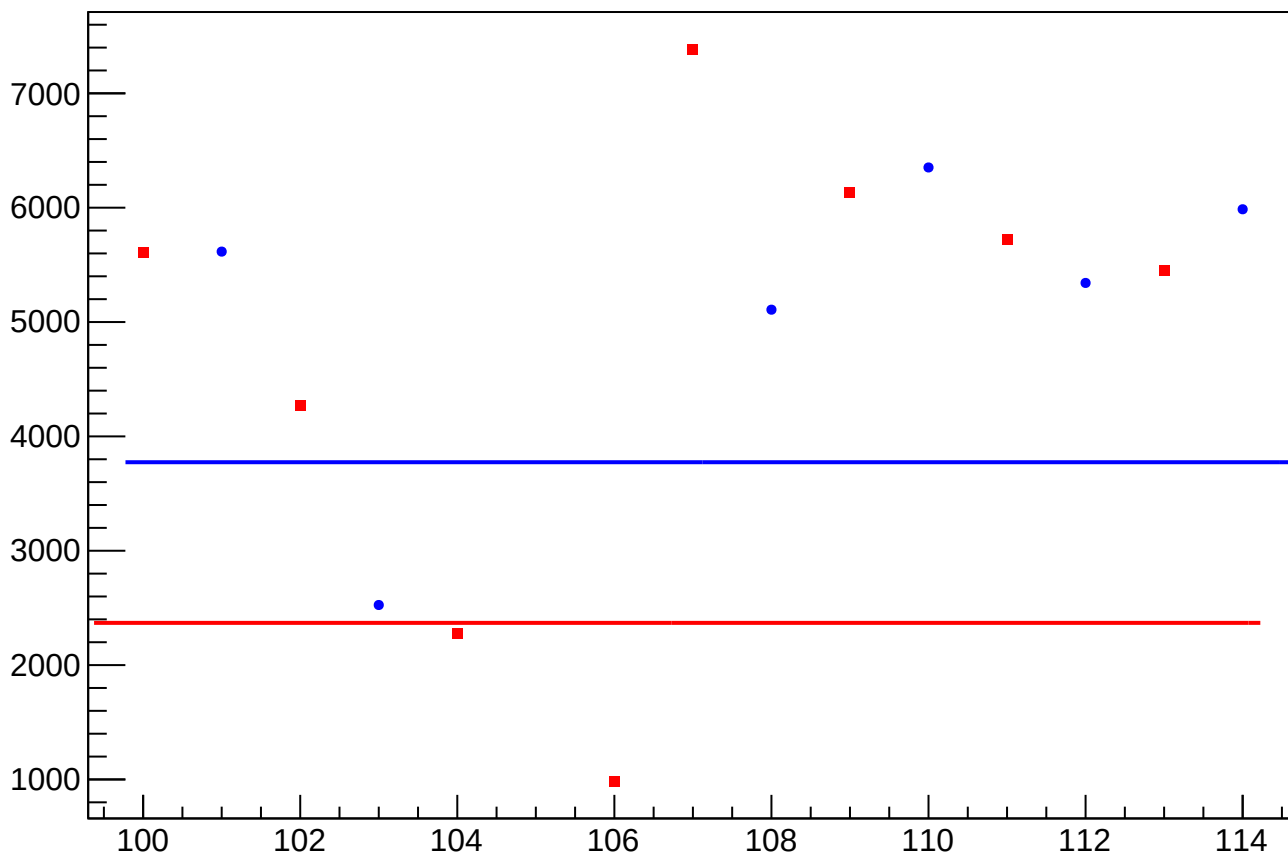
Right: -501.667+/-1415.661 χ^2/NDF : 13.1/13

In: -2569.690+/-2503.713 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.667+/-1415.661 χ^2/NDF : 13.1/13

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3774.125+/-1.770 χ^2/NDF : 727869.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2369.305+/-1.214 χ^2/NDF : 2124212.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

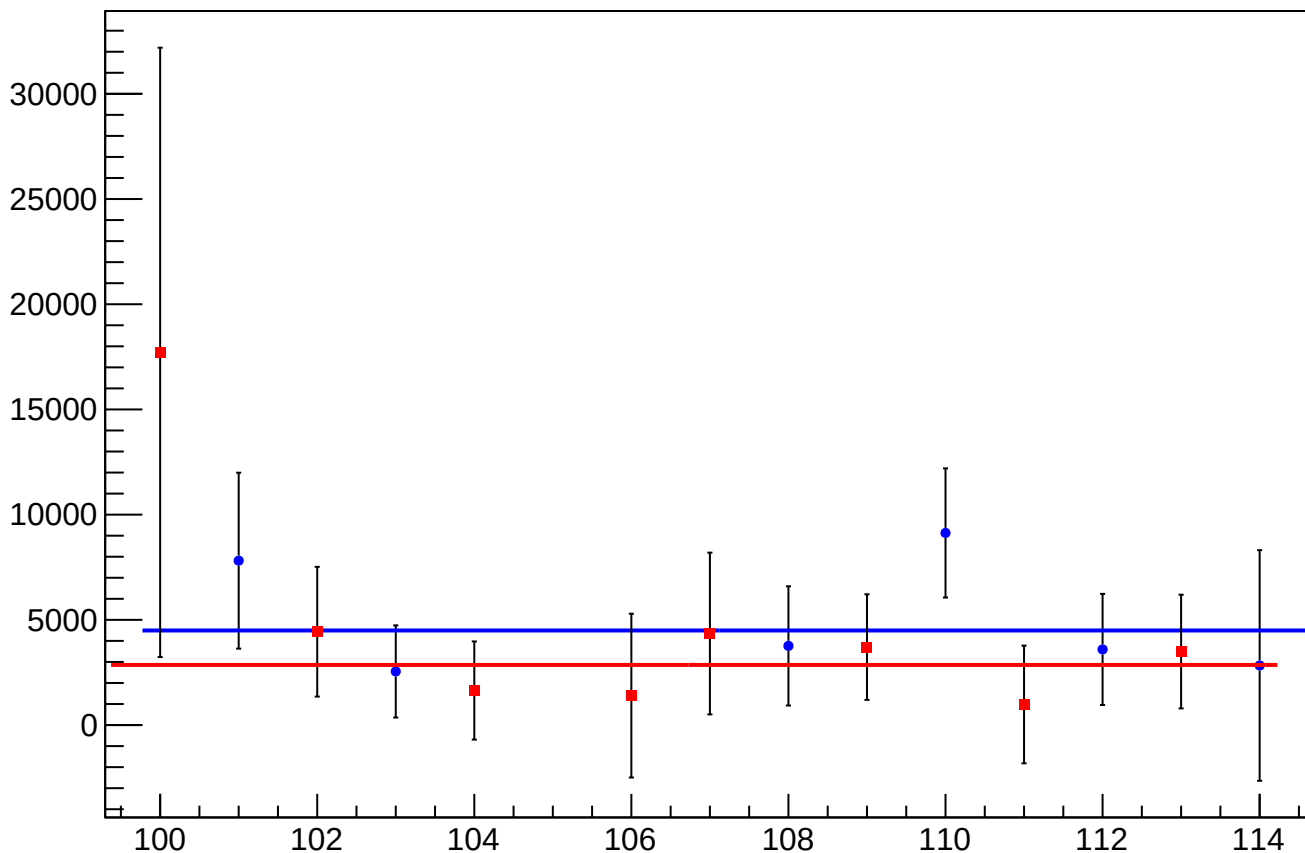
Right: 2818.433+/-1.001 χ^2/NDF : 3280433.9/13

In: 3774.125+/-1.770 χ^2/NDF : 727869.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2818.433+/-1.001 χ^2/NDF : 3280433.9/13

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

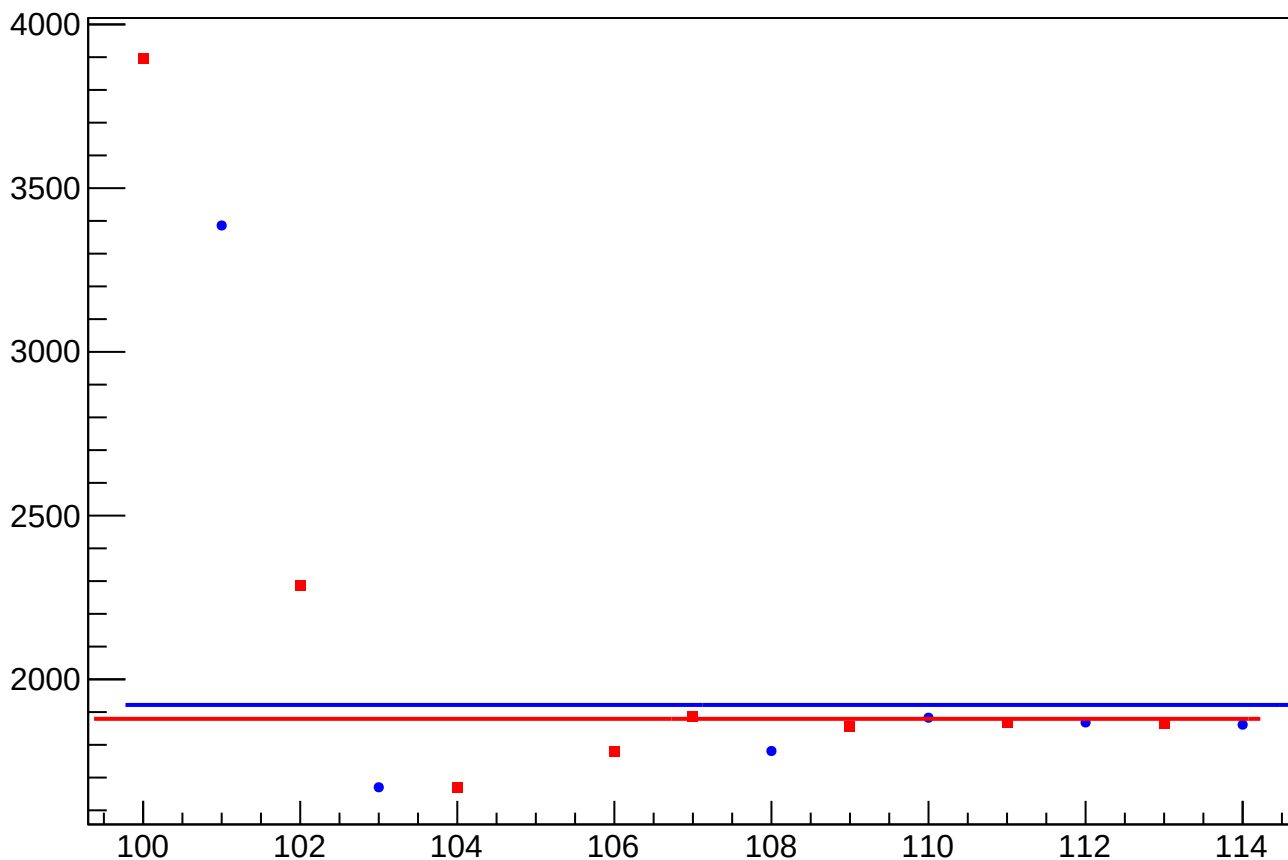
Right: 3580.764+/-809.986 χ^2/NDF : 7.5/13

In: 4495.154+/-1218.846 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3580.764+/-809.986 χ^2/NDF : 7.5/13

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

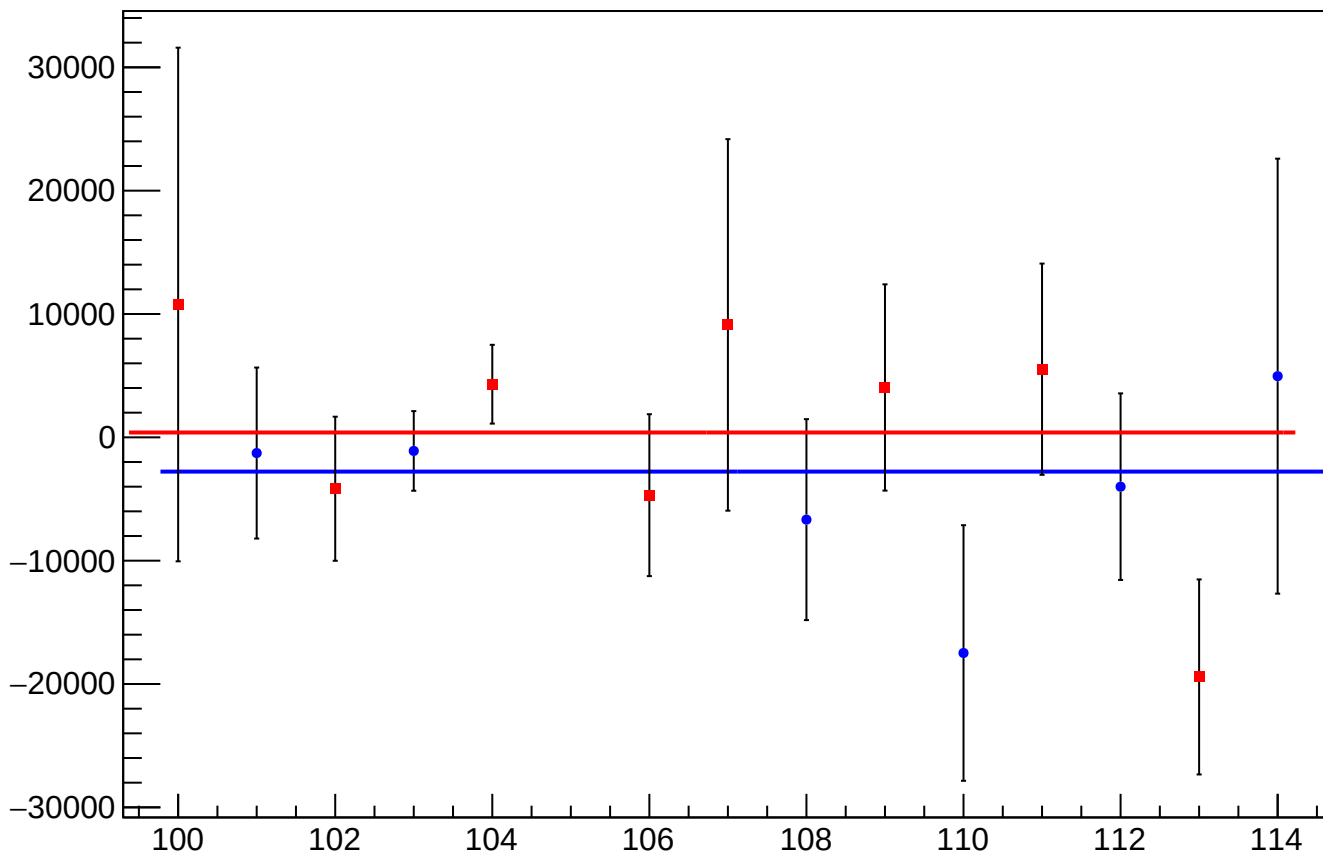
Right: 1898.016+/-0.571 χ^2/NDF : 370965.2/13

In: 1921.858+/-0.862 χ^2/NDF : 278054.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.016+/-0.571 χ^2/NDF : 370965.2/13

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

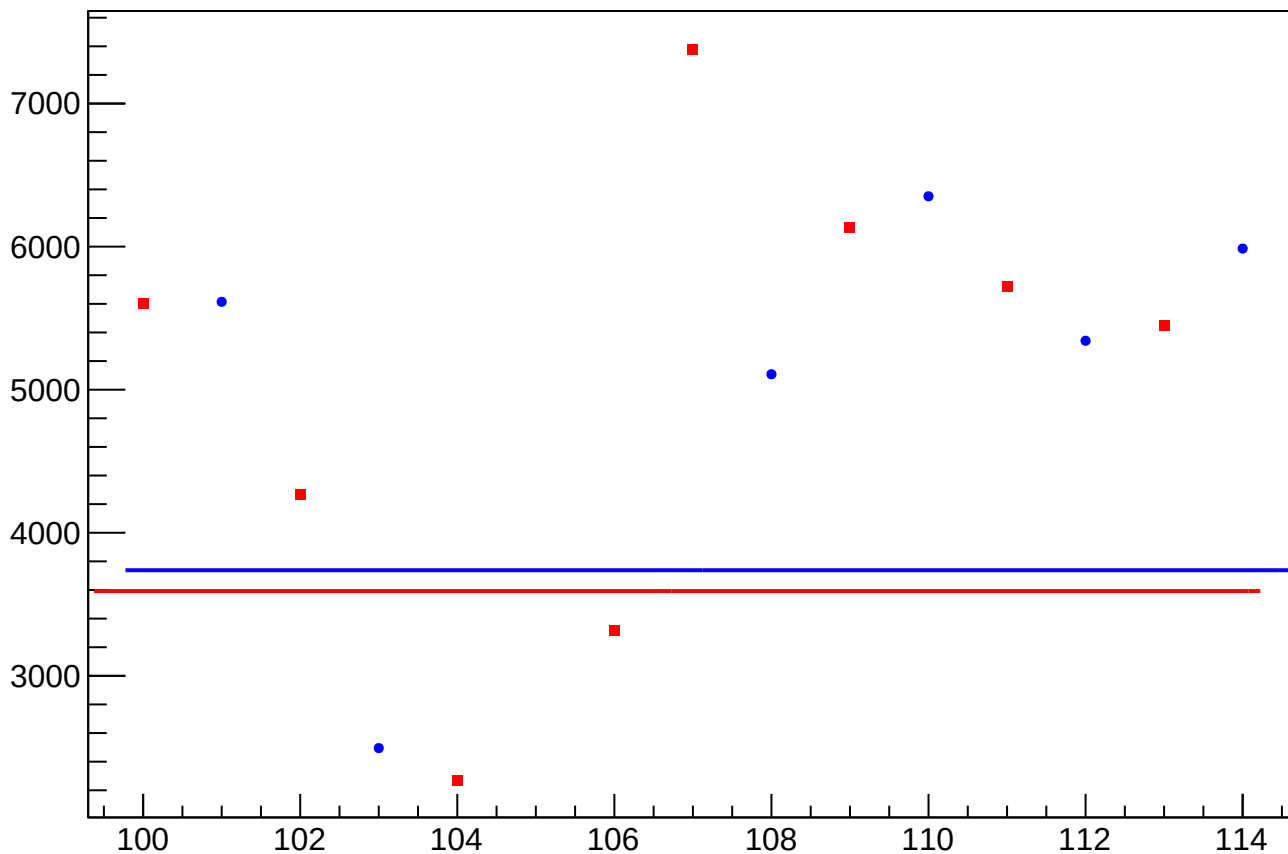
Right: -1021.239+/-1659.614 χ^2 /NDF: 13.8/13

In: -2778.101+/-2485.789 χ^2 /NDF:2.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1021.239+/-1659.614 χ^2 /NDF: 13.8/13

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

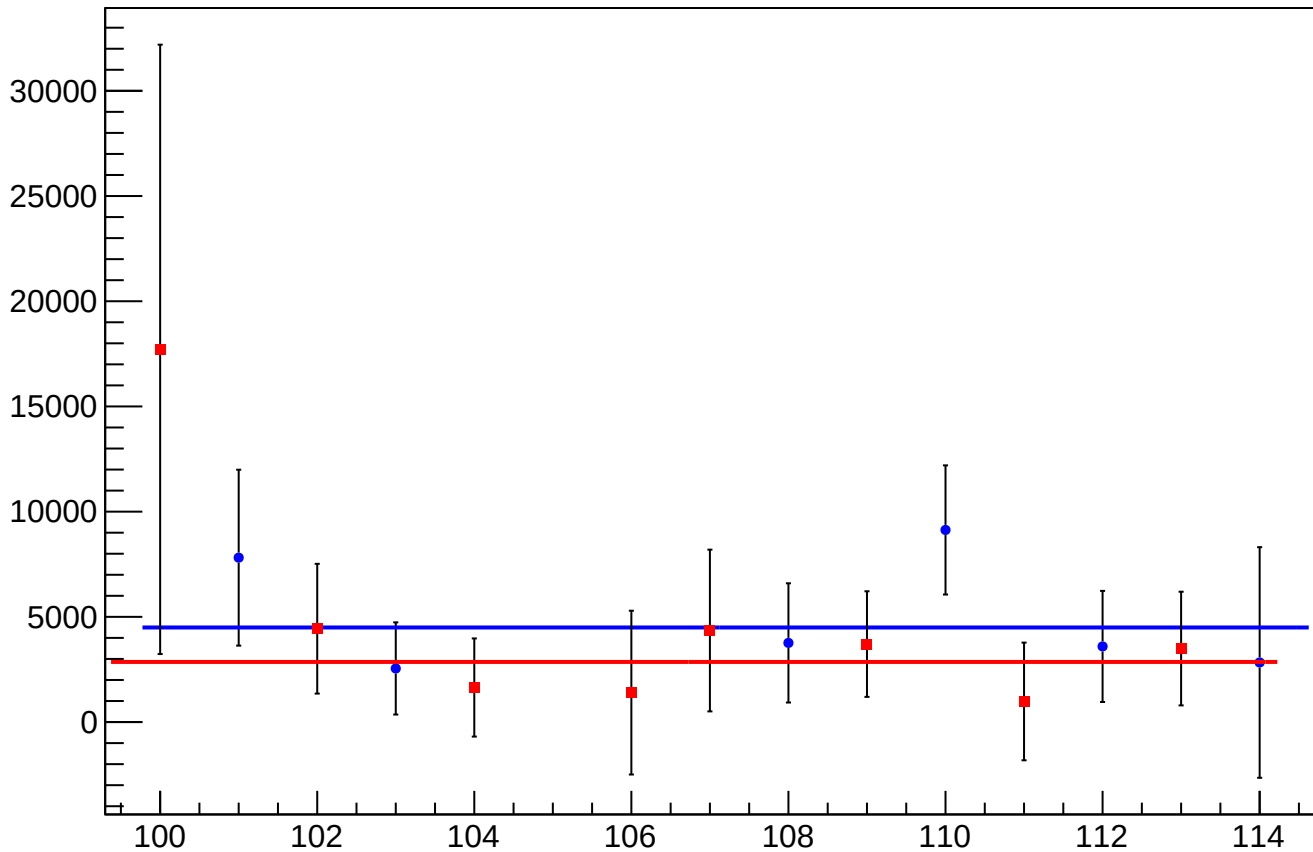
Right: 3657.240+/-1.174 χ^2/NDF : 1690674.0/13

In: 3738.015+/-1.758 χ^2/NDF : 749402.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3657.240+/-1.174 χ^2/NDF : 1690674.0/13

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

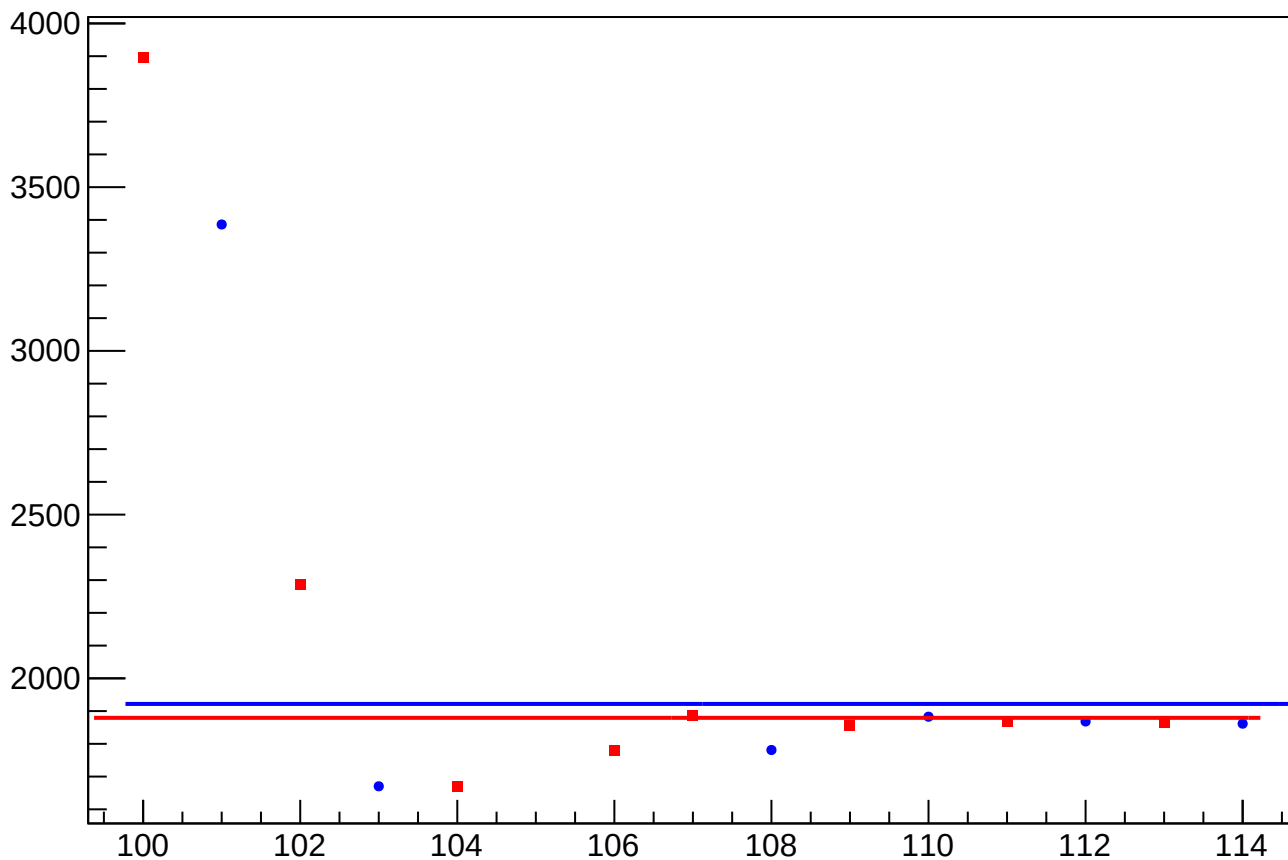
Right: 3580.764+/-809.986 χ^2/NDF : 7.5/13

In: 4495.154+/-1218.846 χ^2/NDF :4.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3580.764+/-809.986 χ^2/NDF : 7.5/13

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

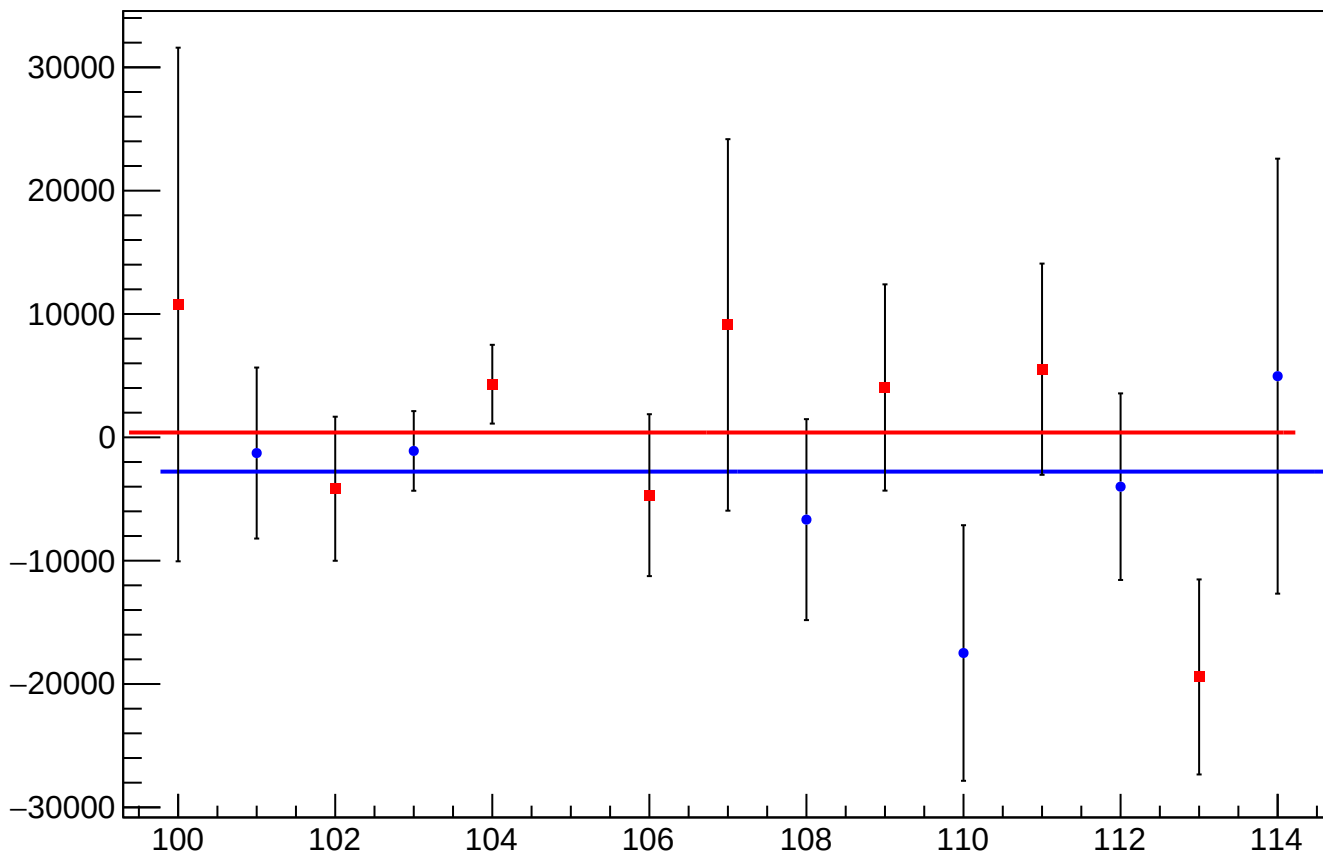
Right: 1898.016+/-0.571 χ^2/NDF : 370965.2/13

In: 1921.858+/-0.862 χ^2/NDF : 278054.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.016+/-0.571 χ^2/NDF : 370965.2/13

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

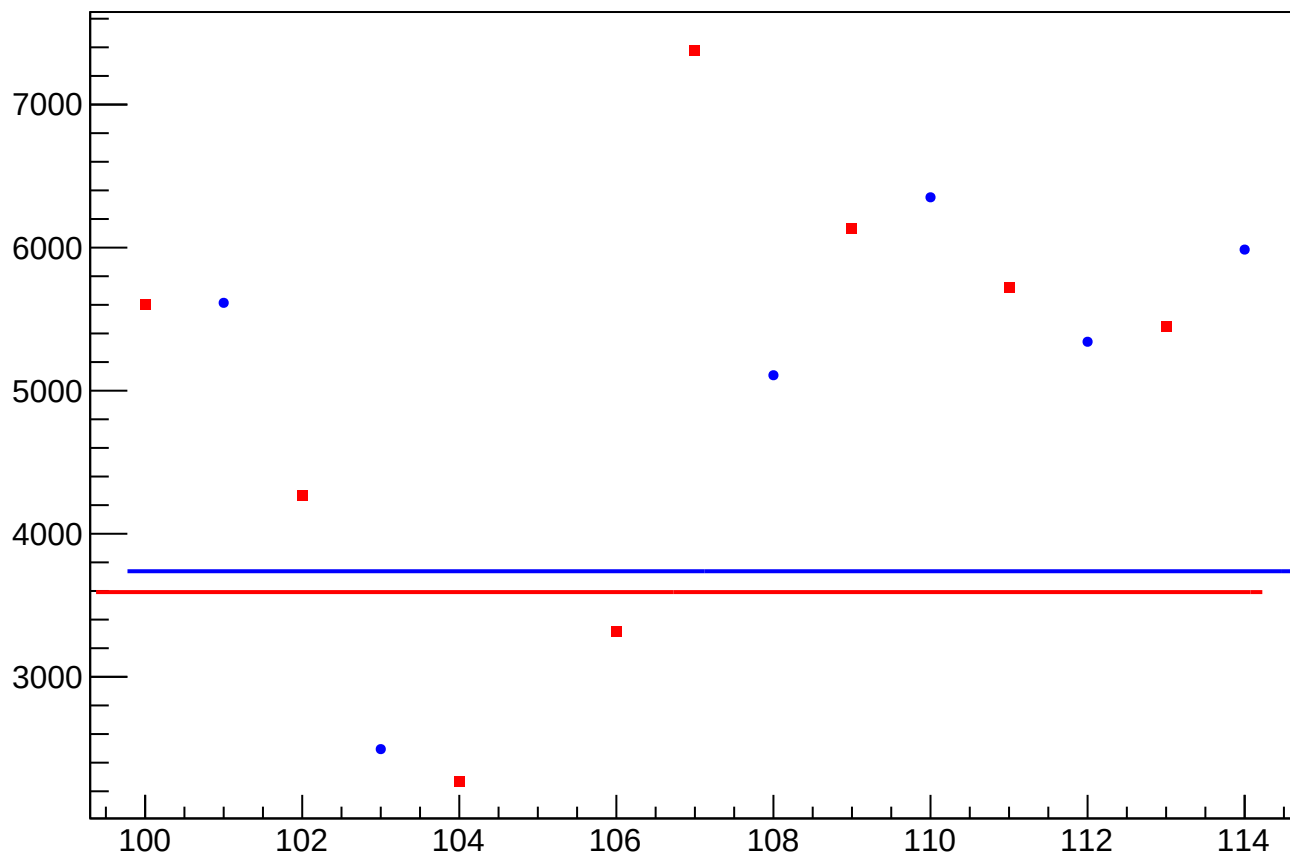
Right: -1021.239+/-1659.614 χ^2/NDF : 13.8/13

In: -2778.101+/-2485.789 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1021.239+/-1659.614 χ^2/NDF : 13.8/13

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

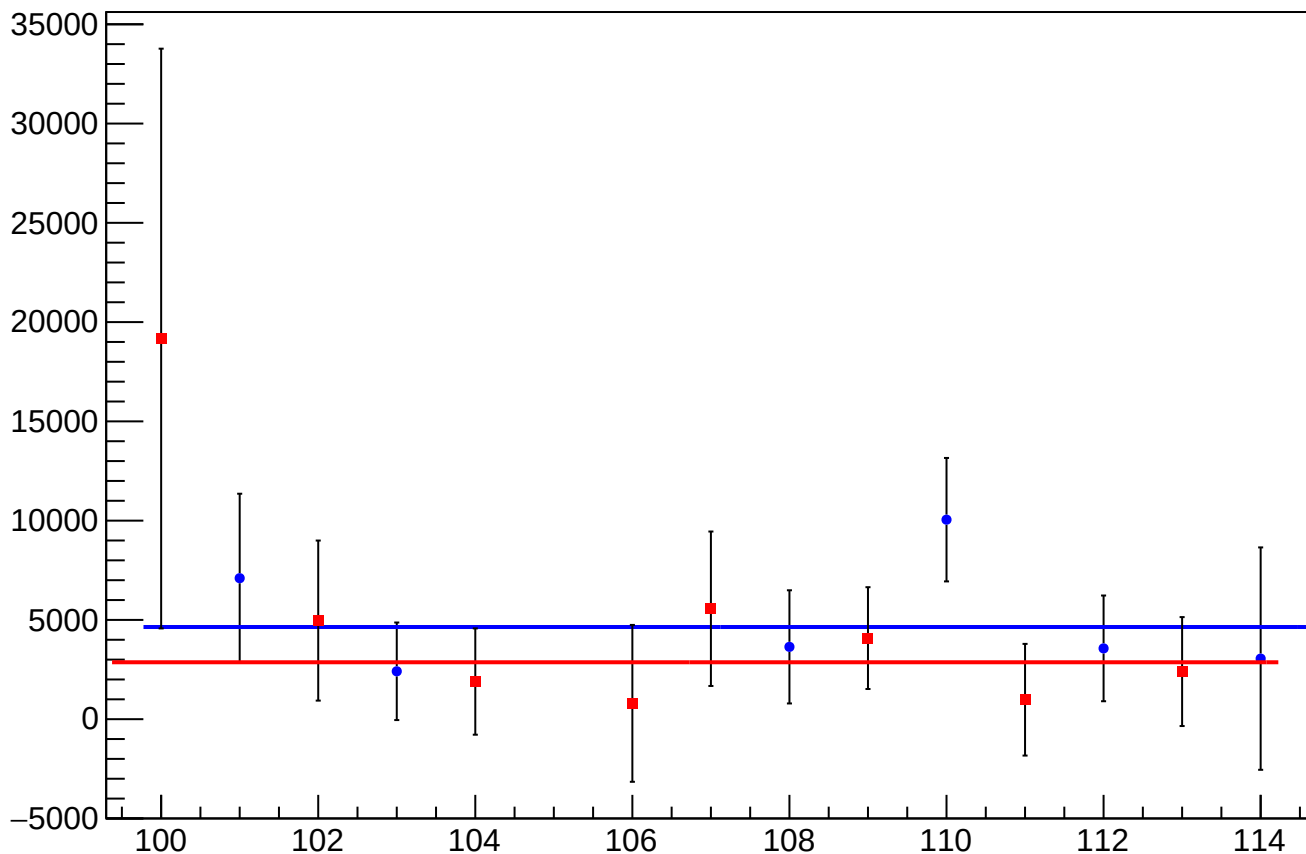
Right: 3657.240+/-1.174 χ^2/NDF : 1690674.0/13

In: 3738.015+/-1.758 χ^2/NDF : 749402.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3657.240+/-1.174 χ^2/NDF : 1690674.0/13

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

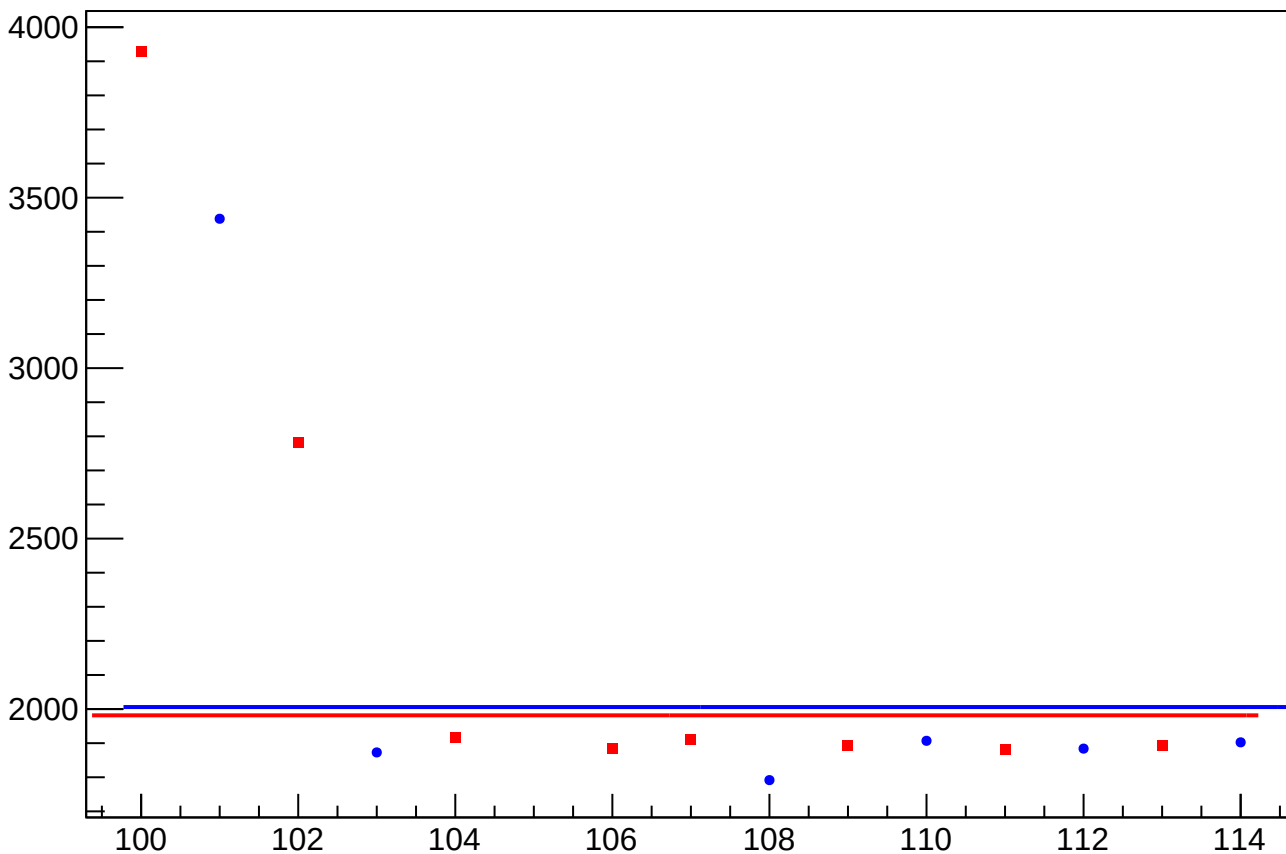
Right: 3672.088+/-855.029 χ^2/NDF : 8.7/13

In: 4642.362+/-1269.516 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3672.088+/-855.029 χ^2/NDF : 8.7/13

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

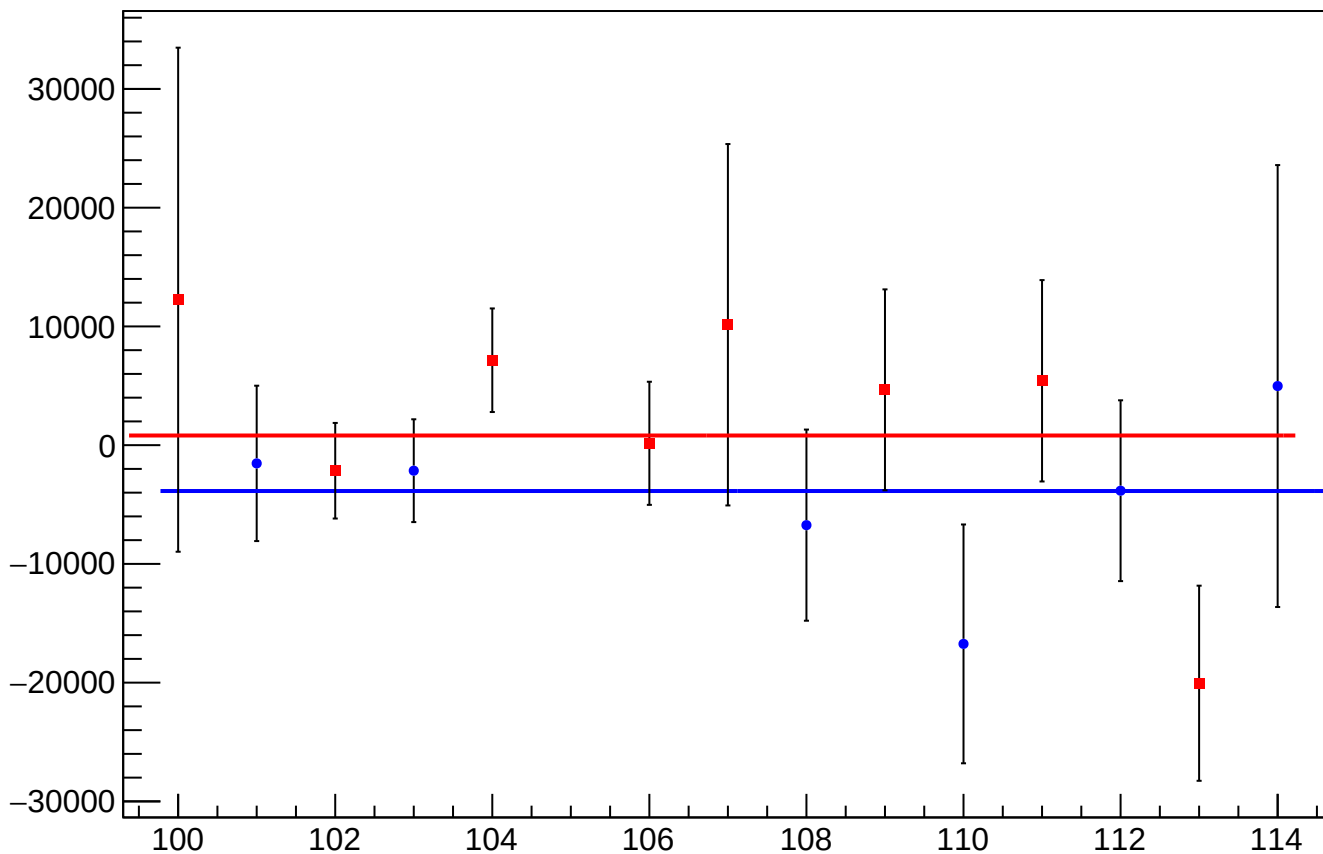
Right: 1992.615+/-0.604 χ^2/NDF : 375668.7/13

In: 2005.934+/-0.898 χ^2/NDF : 250853.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.615+/-0.604 χ^2/NDF : 375668.7/13

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

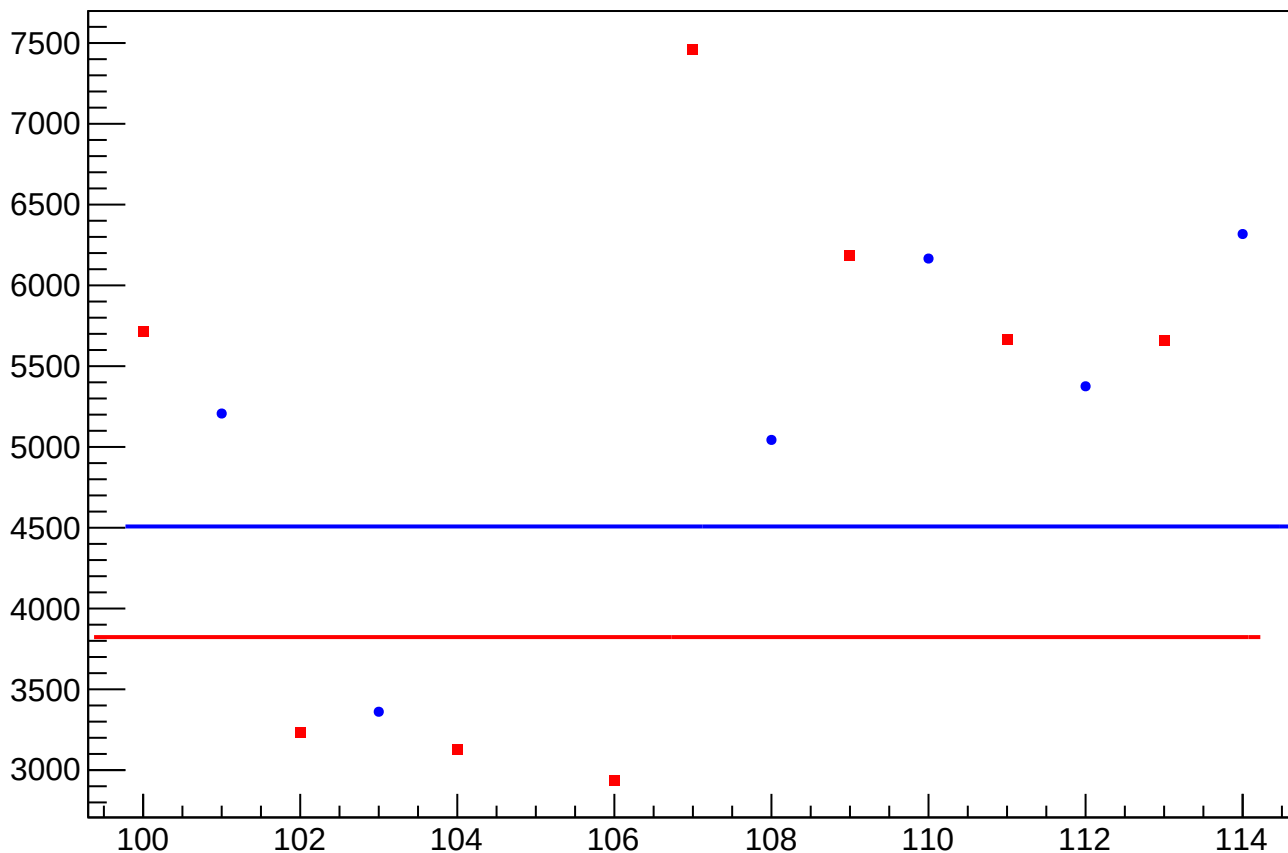
Right: -955.569+/-1759.852 χ^2/NDF : 14.2/13

In: -3861.722+/-2860.847 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -955.569+/-1759.852 χ^2/NDF : 14.2/13

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4507.881+/-2.023 χ^2/NDF : 271284.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3823.241+/-1.578 χ^2/NDF : 632149.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

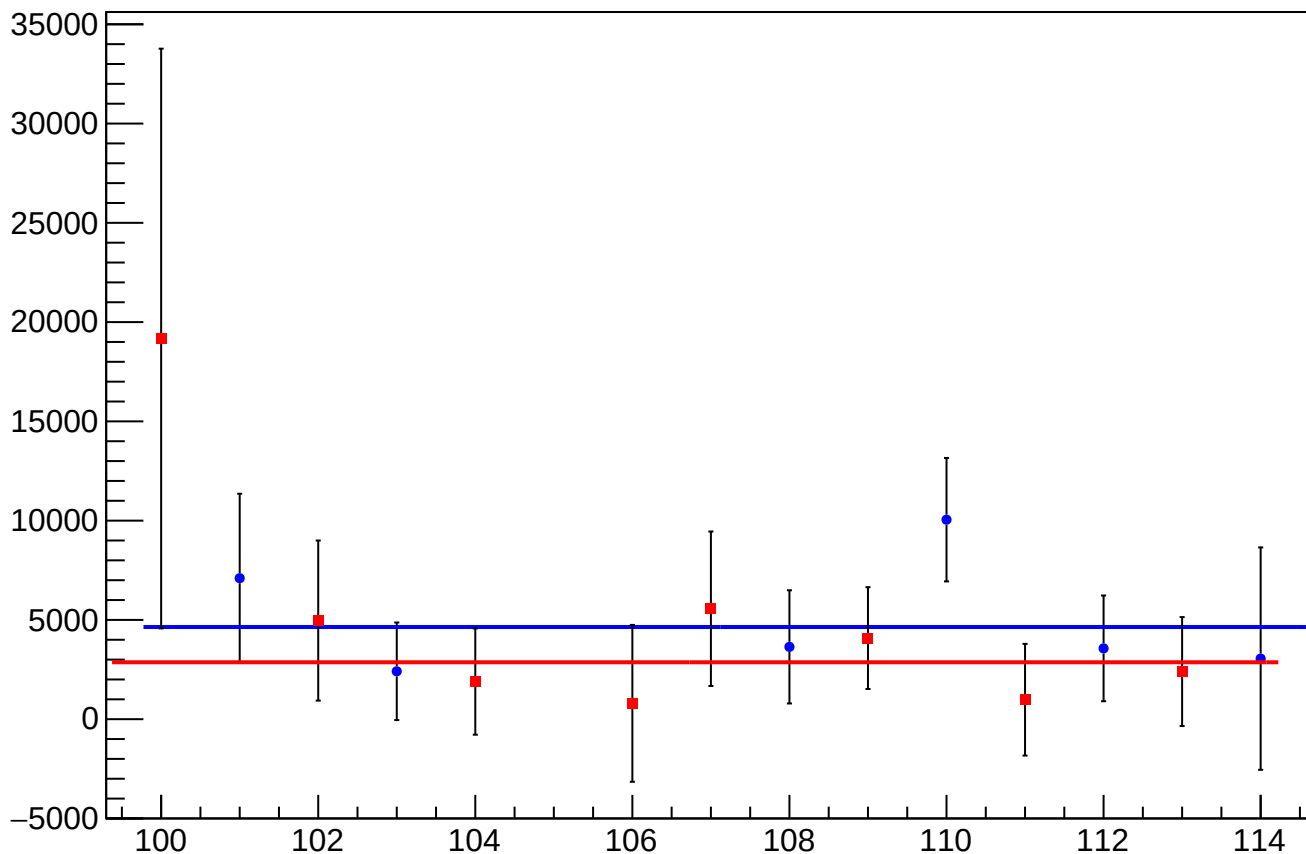
Right: 4082.316+/-1.244 χ^2/NDF : 974631.7/13

In: 4507.881+/-2.023 χ^2/NDF : 271284.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4082.316+/-1.244 χ^2/NDF : 974631.7/13

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

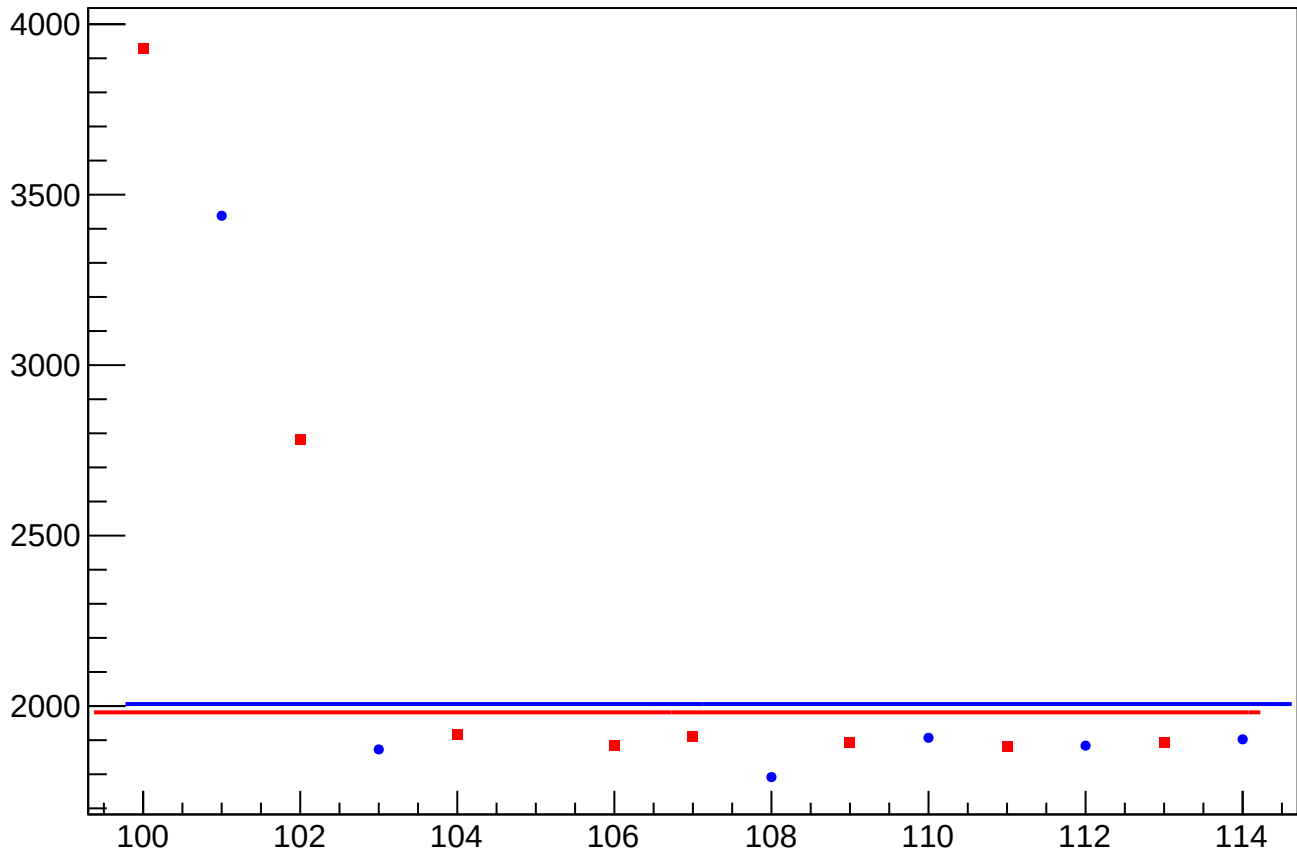
Right: 3672.089+/-855.029 χ^2/NDF : 8.7/13

In: 4642.366+/-1269.516 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3672.089+/-855.029 χ^2/NDF : 8.7/13

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

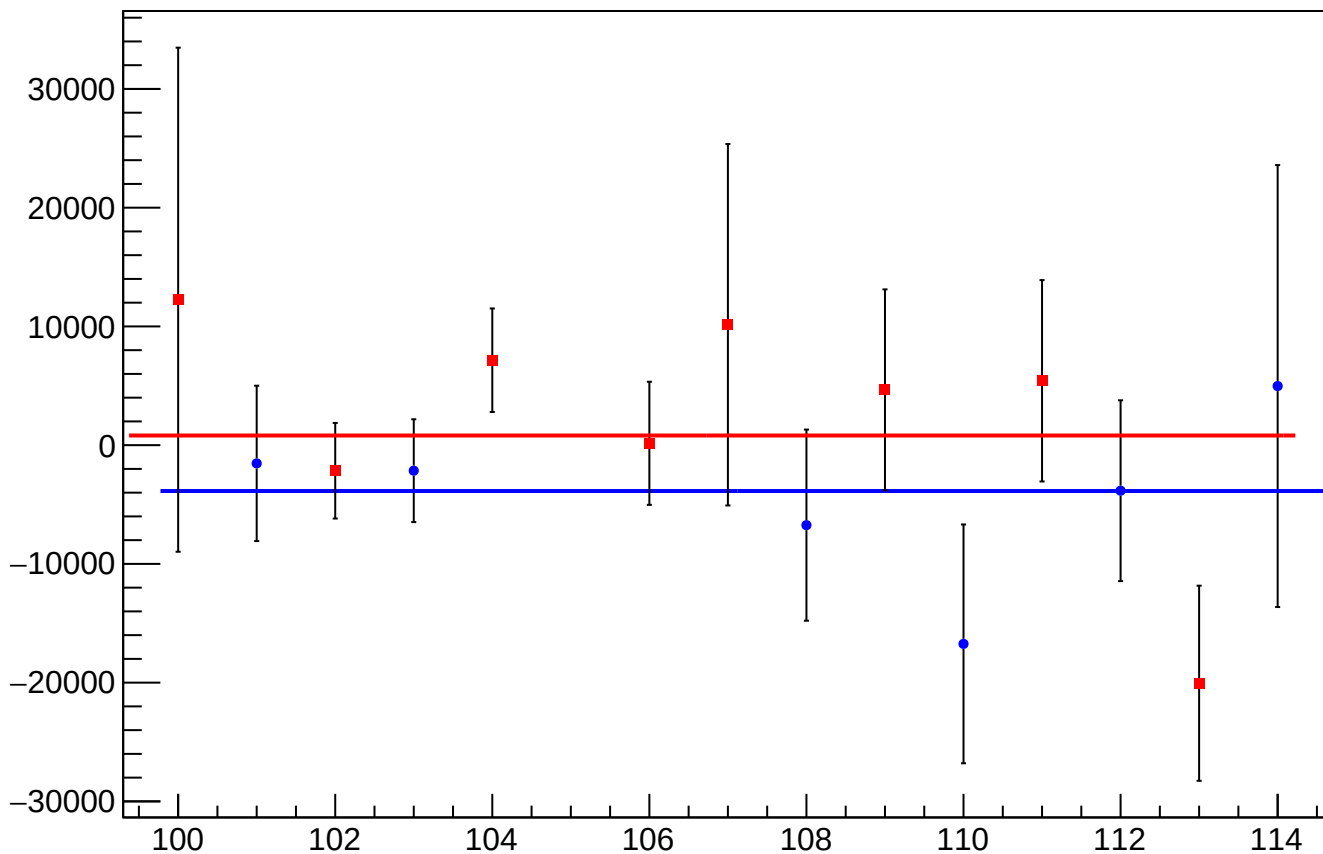
Right: 1992.614+/-0.604 χ^2/NDF : 375668.6/13

In: 2005.933+/-0.898 χ^2/NDF :250853.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1992.614+/-0.604 χ^2/NDF : 375668.6/13

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

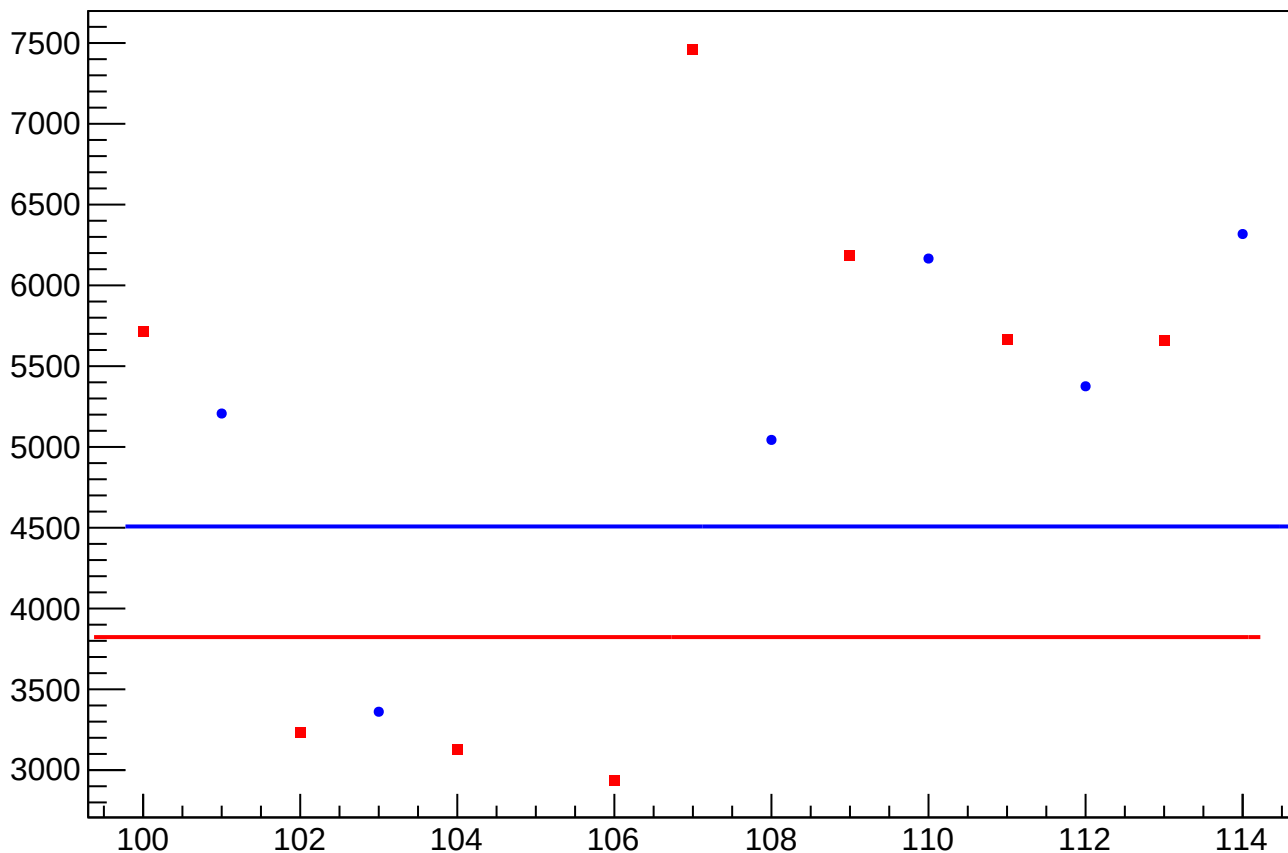
Right: -955.568+/-1759.848 χ^2/NDF : 14.2/13

In: -3861.720+/-2860.841 χ^2/NDF :2.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -955.568+/-1759.848 χ^2/NDF : 14.2/13

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4507.872+/-2.023 χ^2/NDF : 271284.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3823.232+/-1.578 χ^2/NDF : 632148.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

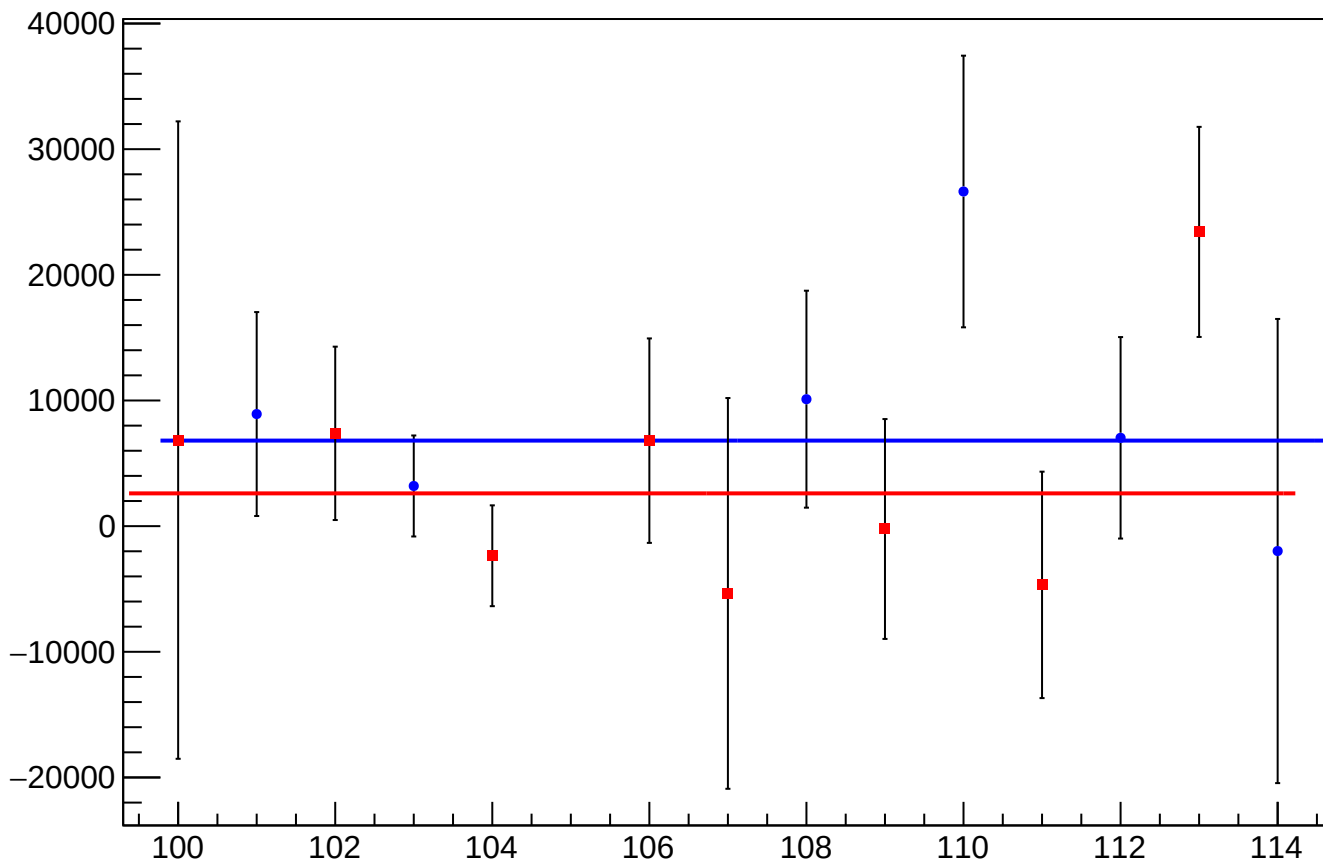
Right: 4082.307+/-1.244 χ^2/NDF : 974631.9/13

In: 4507.872+/-2.023 χ^2/NDF : 271284.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4082.307+/-1.244 χ^2/NDF : 974631.9/13

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

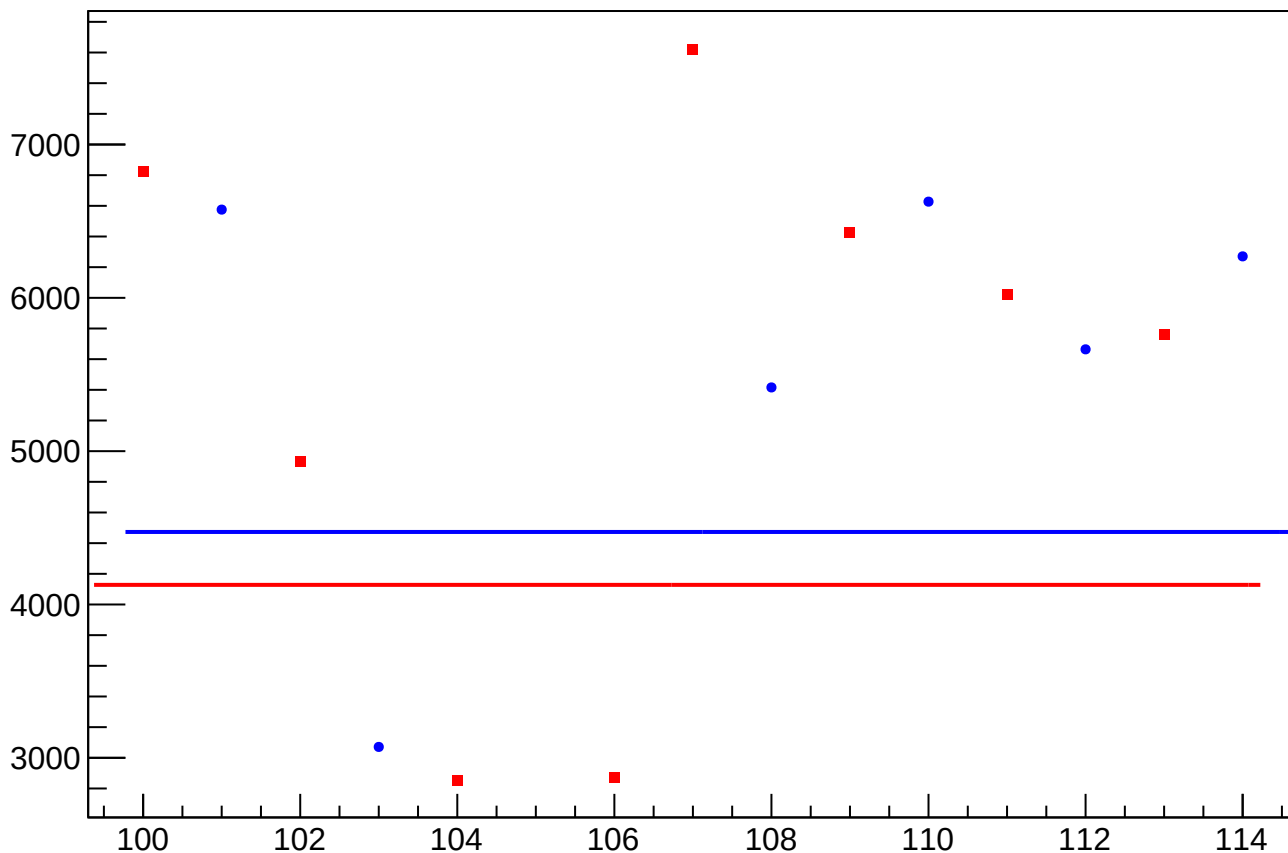
Right: 4498.804+/-1956.680 χ^2/NDF : 15.3/13

In: 6808.595+/-2916.529 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4498.804+/-1956.680 χ^2/NDF : 15.3/13

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4473.062+/-2.062 χ^2/NDF : 544006.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4127.972+/-1.797 χ^2/NDF : 738792.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

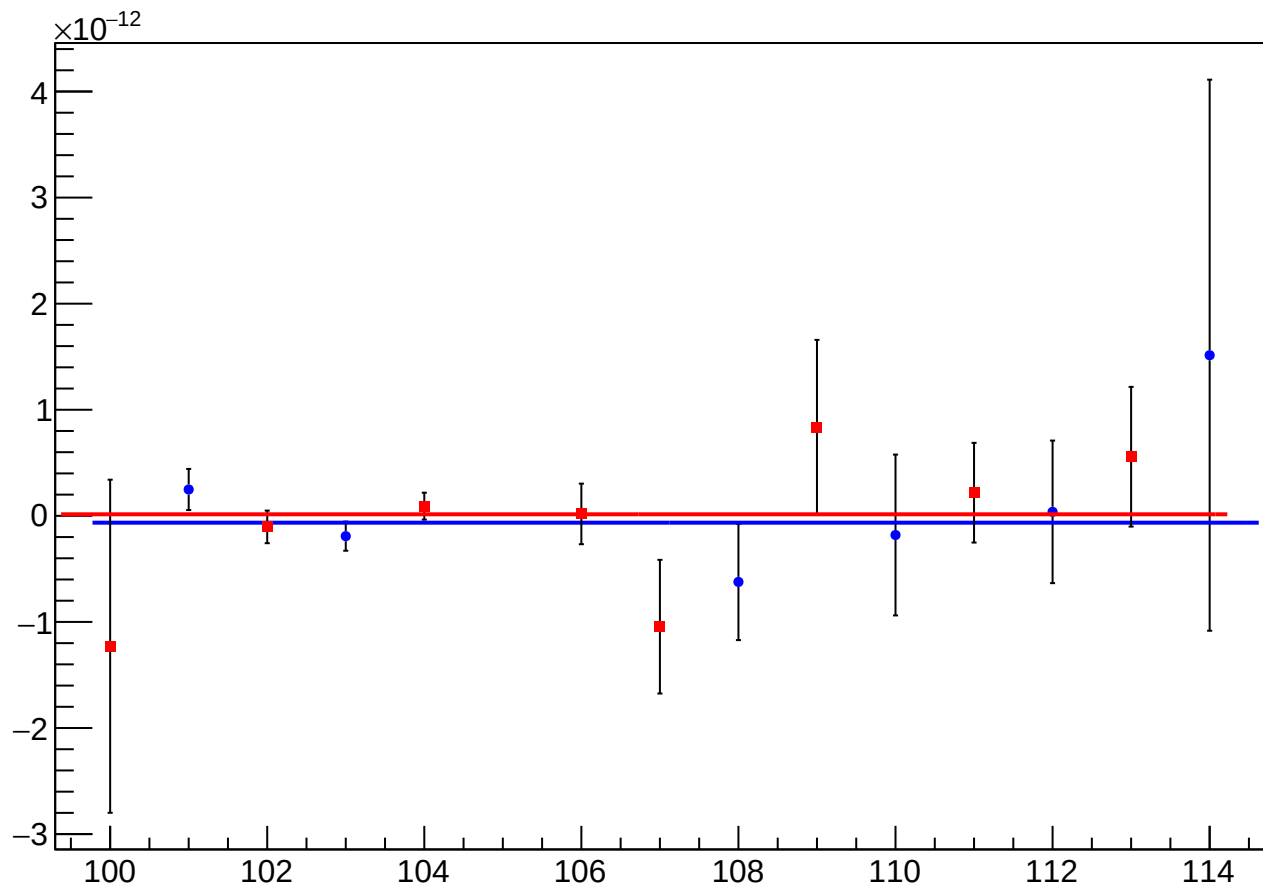
Right: 4276.884+/-1.355 χ^2/NDF : 1298717.9/13

In: 4473.062+/-2.062 χ^2/NDF : 544006.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4276.884+/-1.355 χ^2/NDF : 1298717.9/13

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

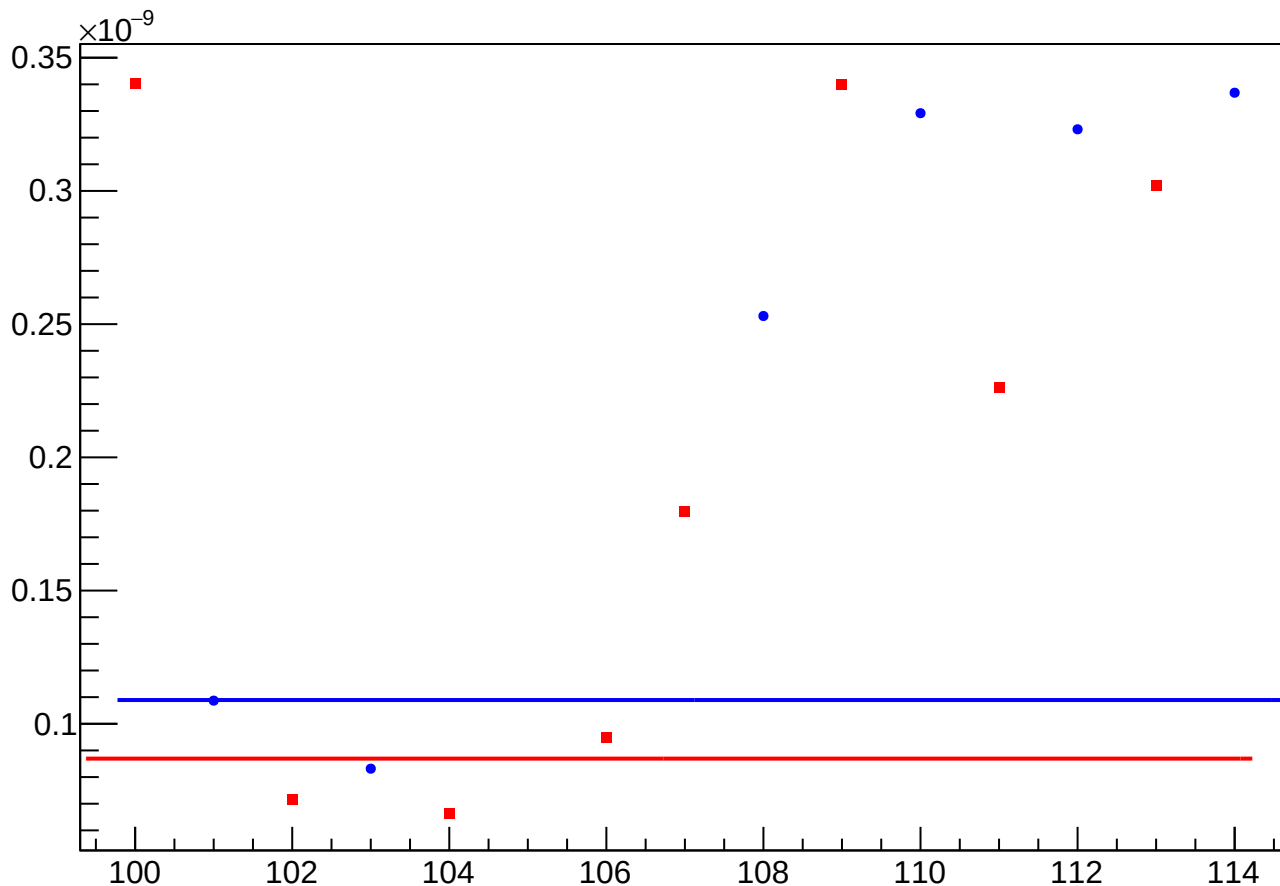
Right: -0.000+/-0.000 χ^2/NDF : 11.5/13

In: -0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/13

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

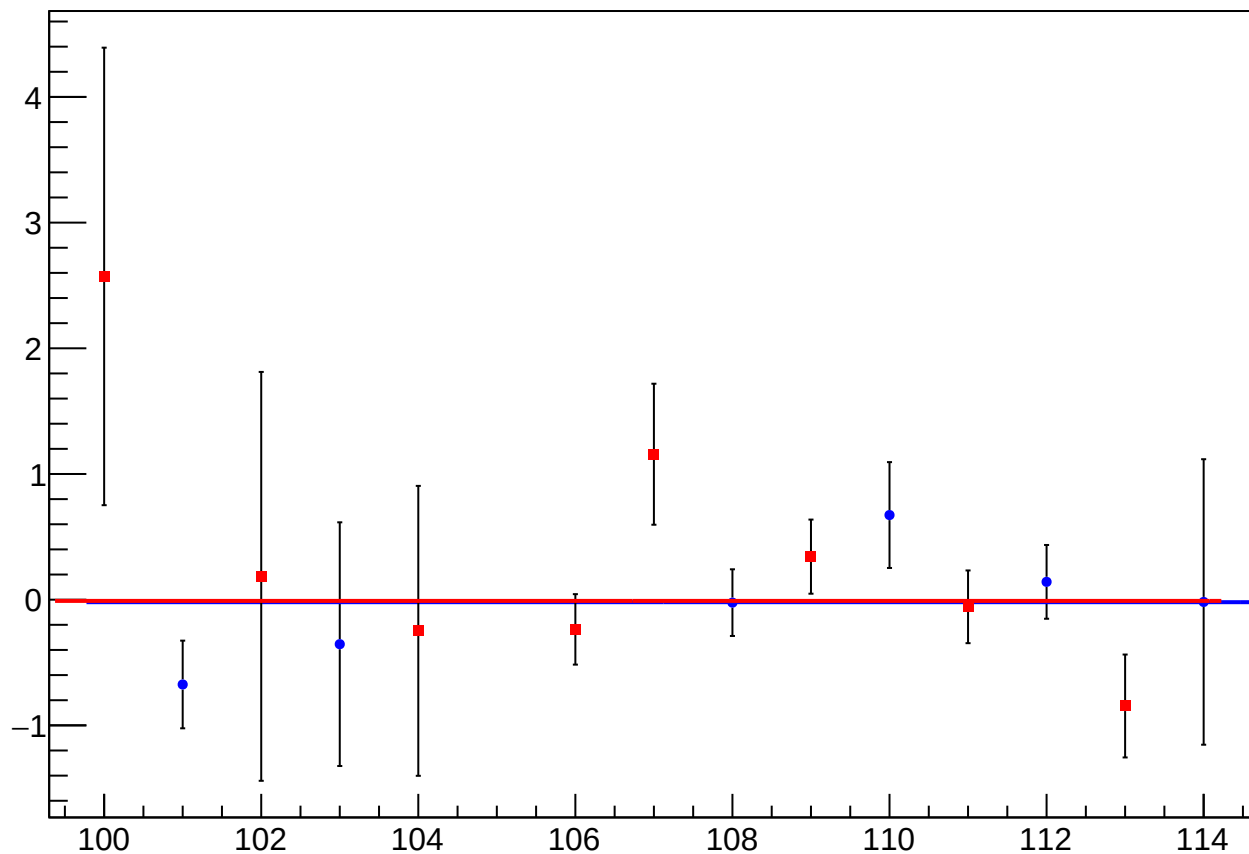
Right: 0.000+/-0.000 χ^2/NDF : 1395185.2/13

In: 0.000+/-0.000 χ^2/NDF : 596076.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1395185.2/13

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.155 χ^2/NDF : 6.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.146 χ^2/NDF : 12.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

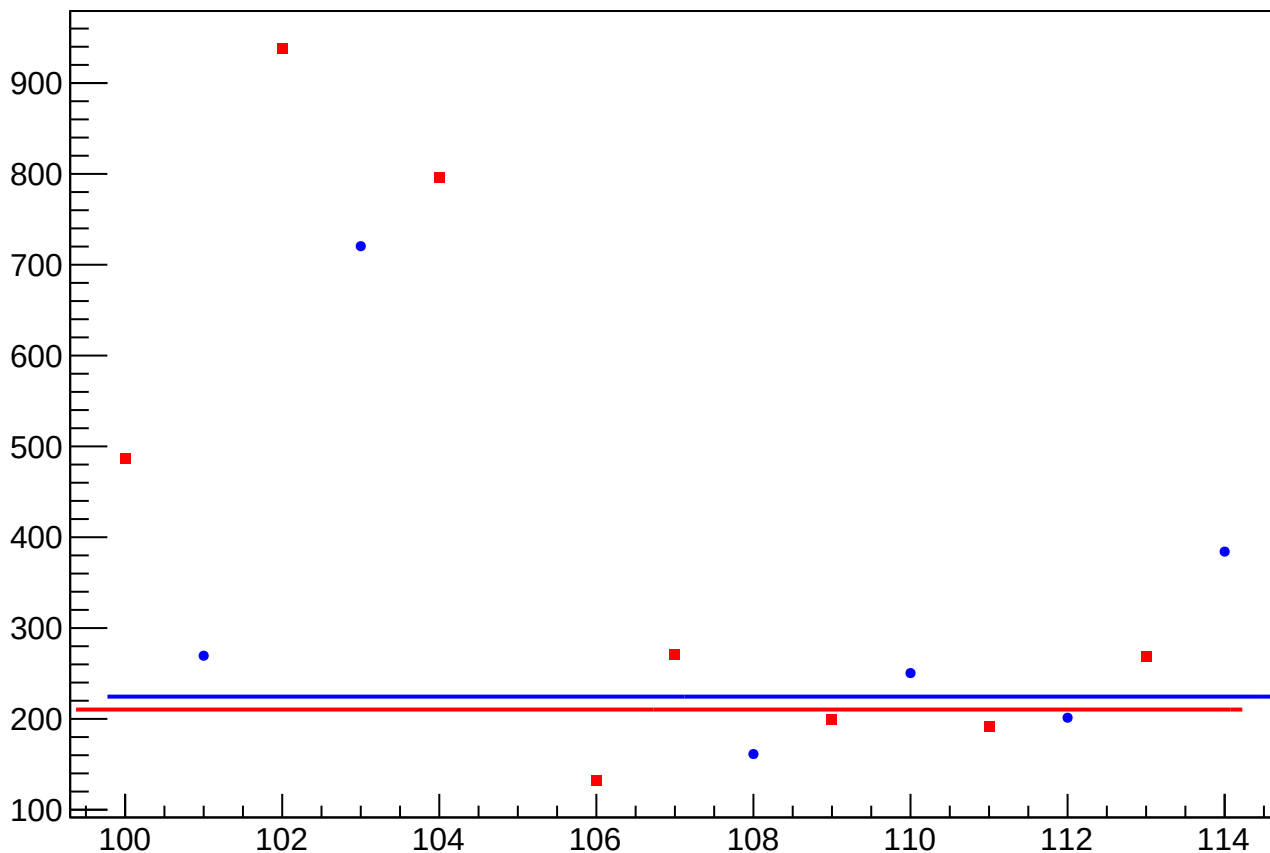
Right: -0.015 ± 0.106 χ^2/NDF : 19.3/13

In: -0.020 ± 0.155 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.106 χ^2/NDF : 19.3/13

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

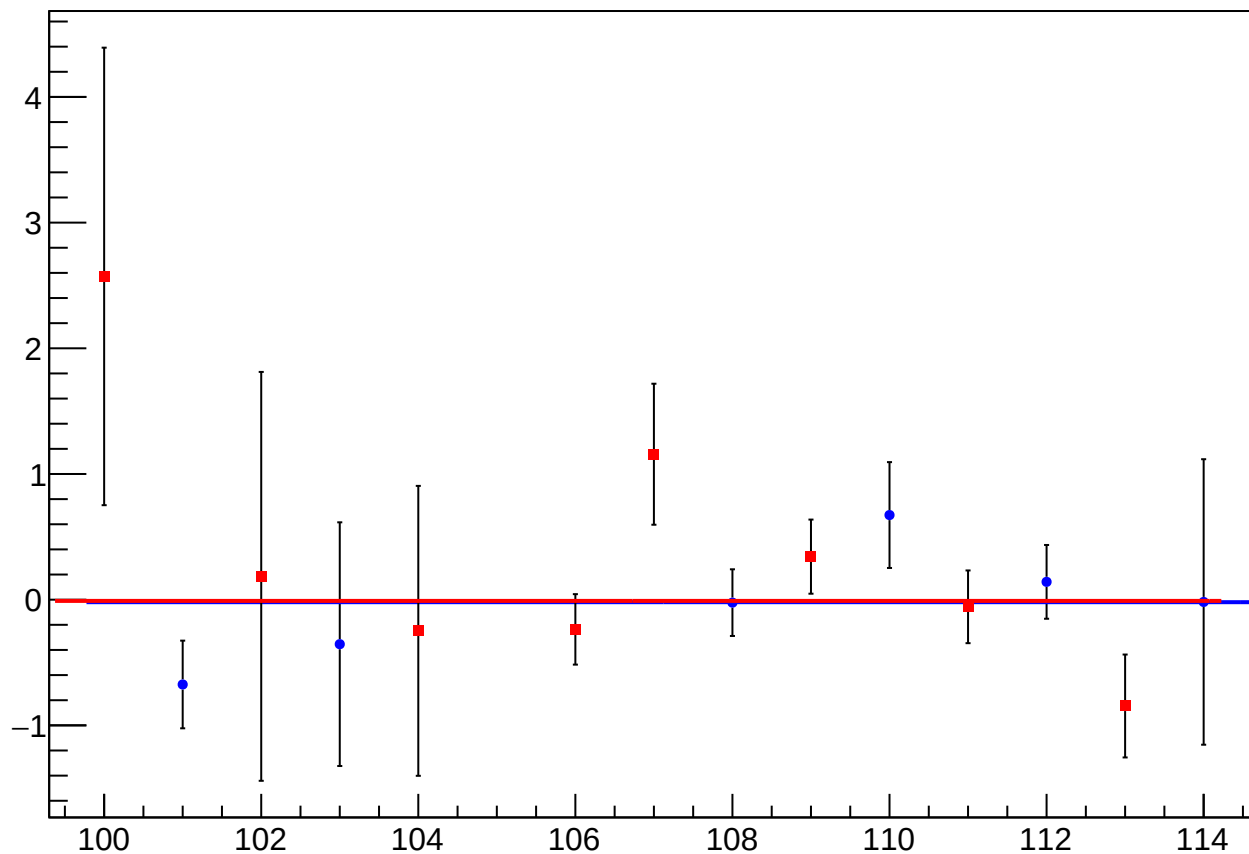
Right: 216.985+/-0.075 χ^2/NDF : 1930968.6/13

In: 224.521+/-0.110 χ^2/NDF : 729751.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.985+/-0.075 χ^2/NDF : 1930968.6/13

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.155 χ^2/NDF : 6.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.146 χ^2/NDF : 12.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

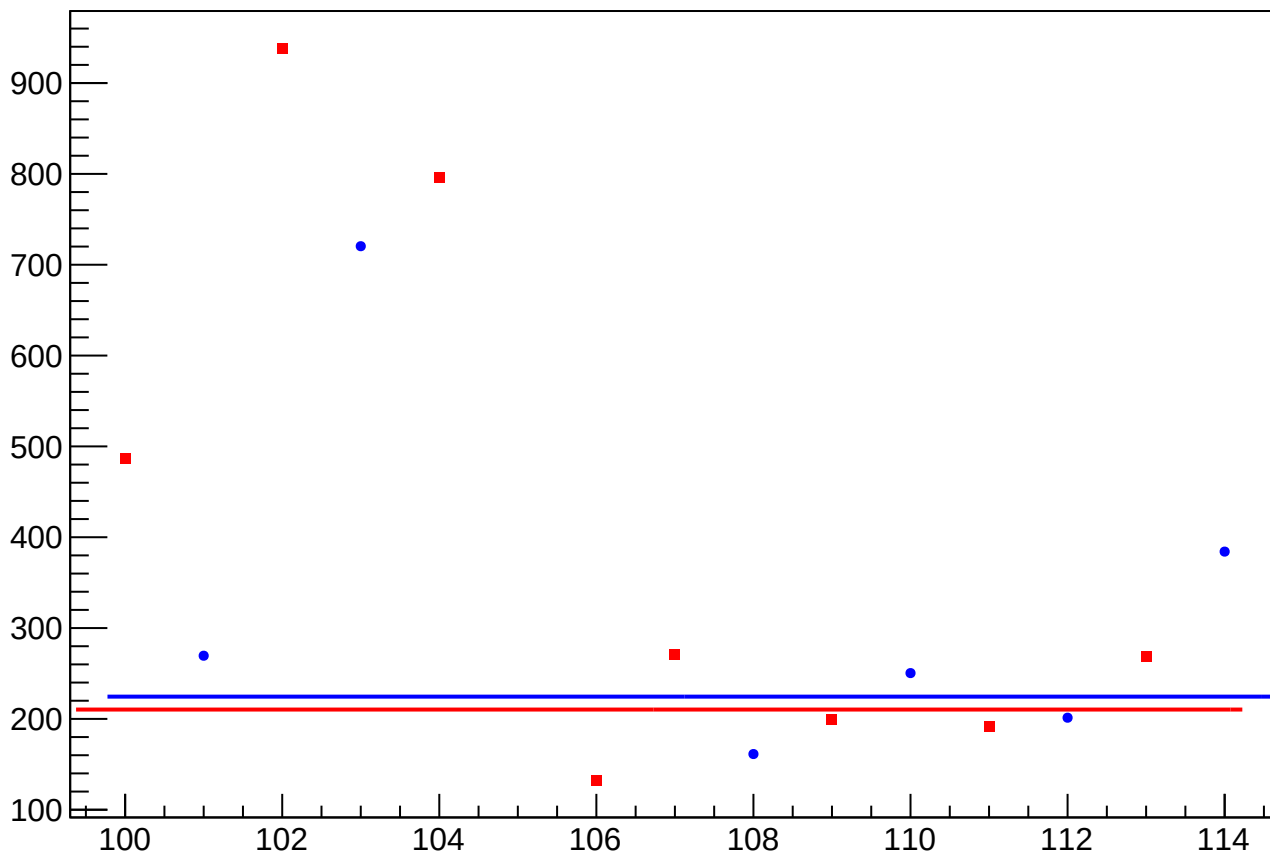
Right: -0.015 ± 0.106 χ^2/NDF : 19.3/13

In: -0.020 ± 0.155 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.106 χ^2/NDF : 19.3/13

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.521 ± 0.110 $\chi^2/\text{NDF}: 729751.3/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 210.291 ± 0.103 $\chi^2/\text{NDF}: 1192311.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

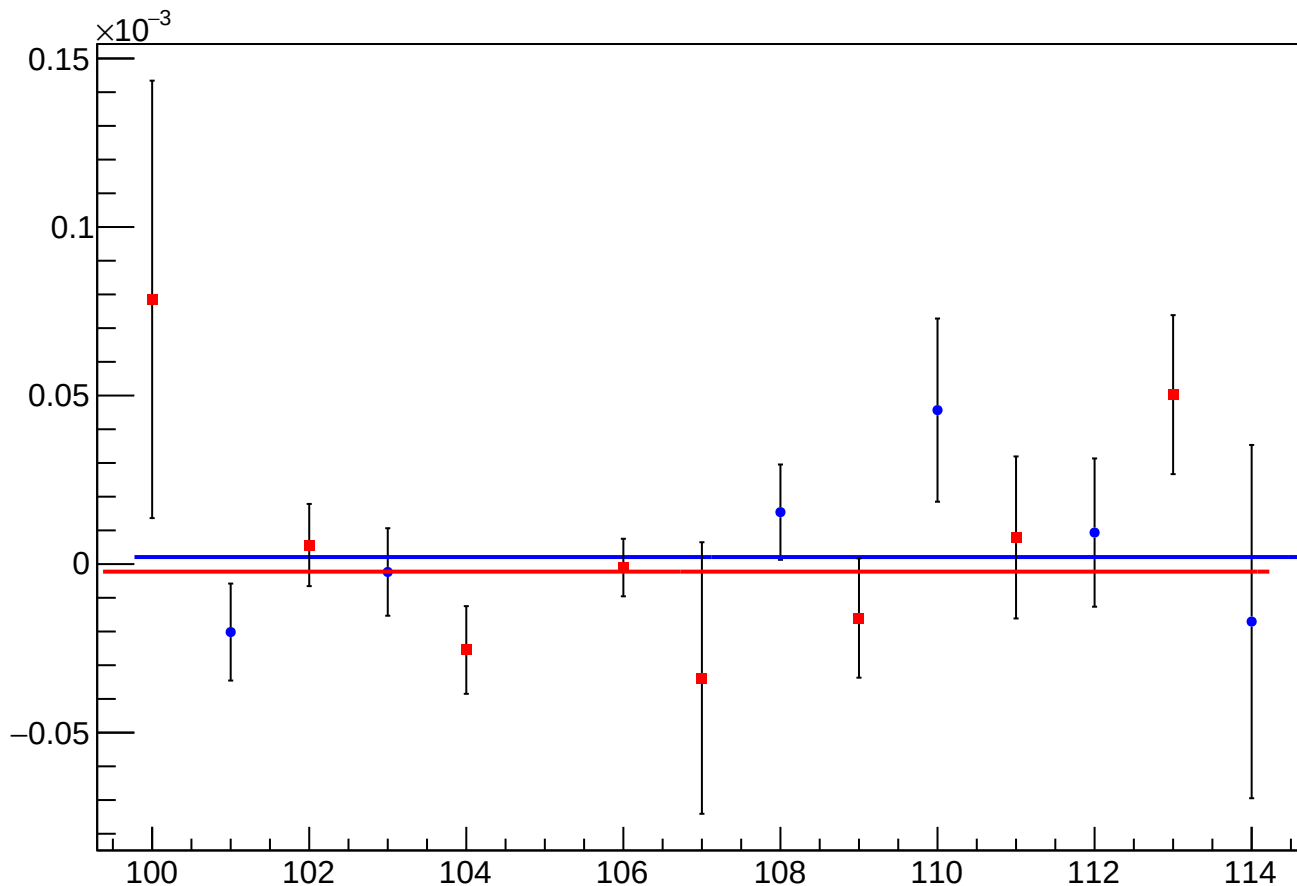
Right: 216.985 ± 0.075 $\chi^2/\text{NDF}: 1930968.6/13$

In: 224.521 ± 0.110 $\chi^2/\text{NDF}: 729751.3/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 216.985 ± 0.075 $\chi^2/\text{NDF}: 1930968.6/13$

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

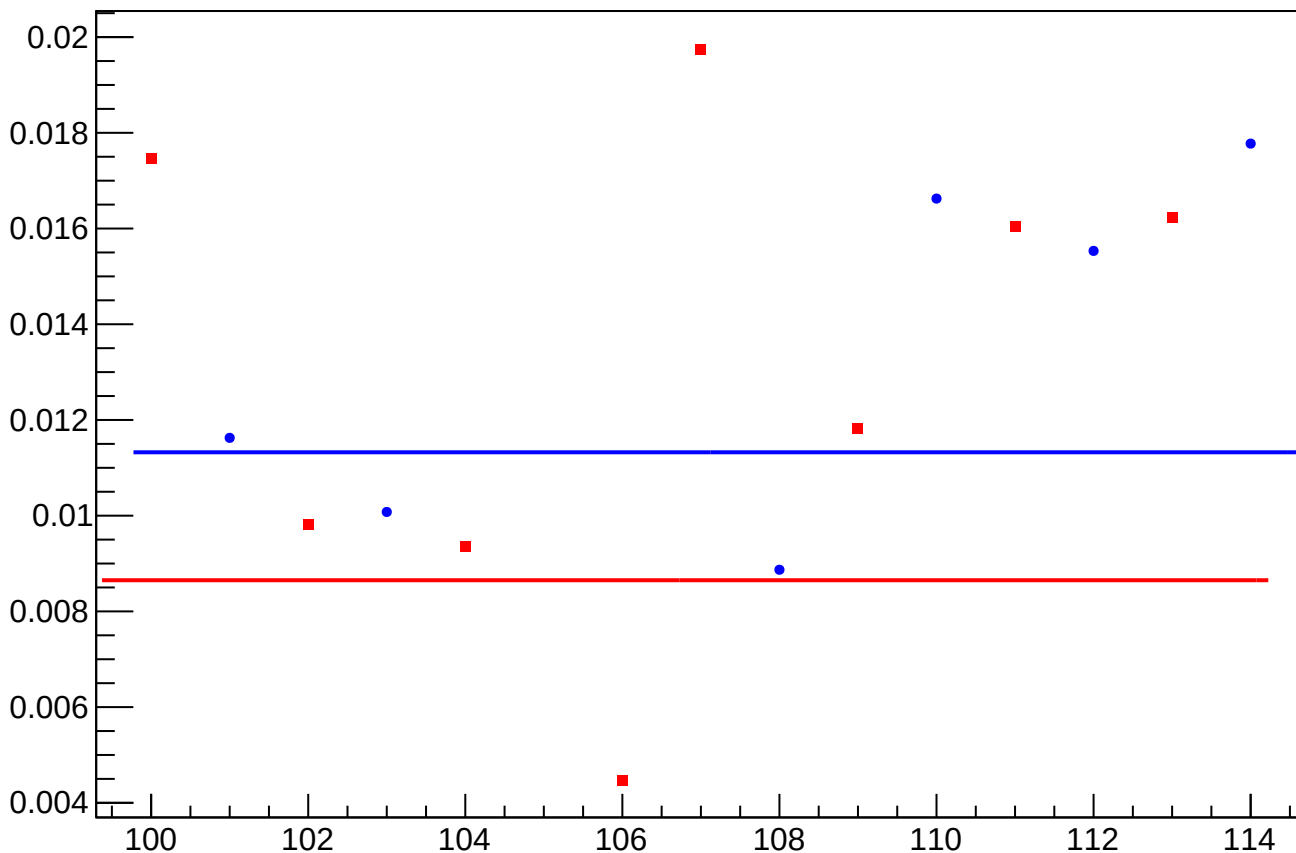
Right: -0.000+/-0.000 χ^2/NDF : 18.0/13

In: 0.000+/-0.000 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/13

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

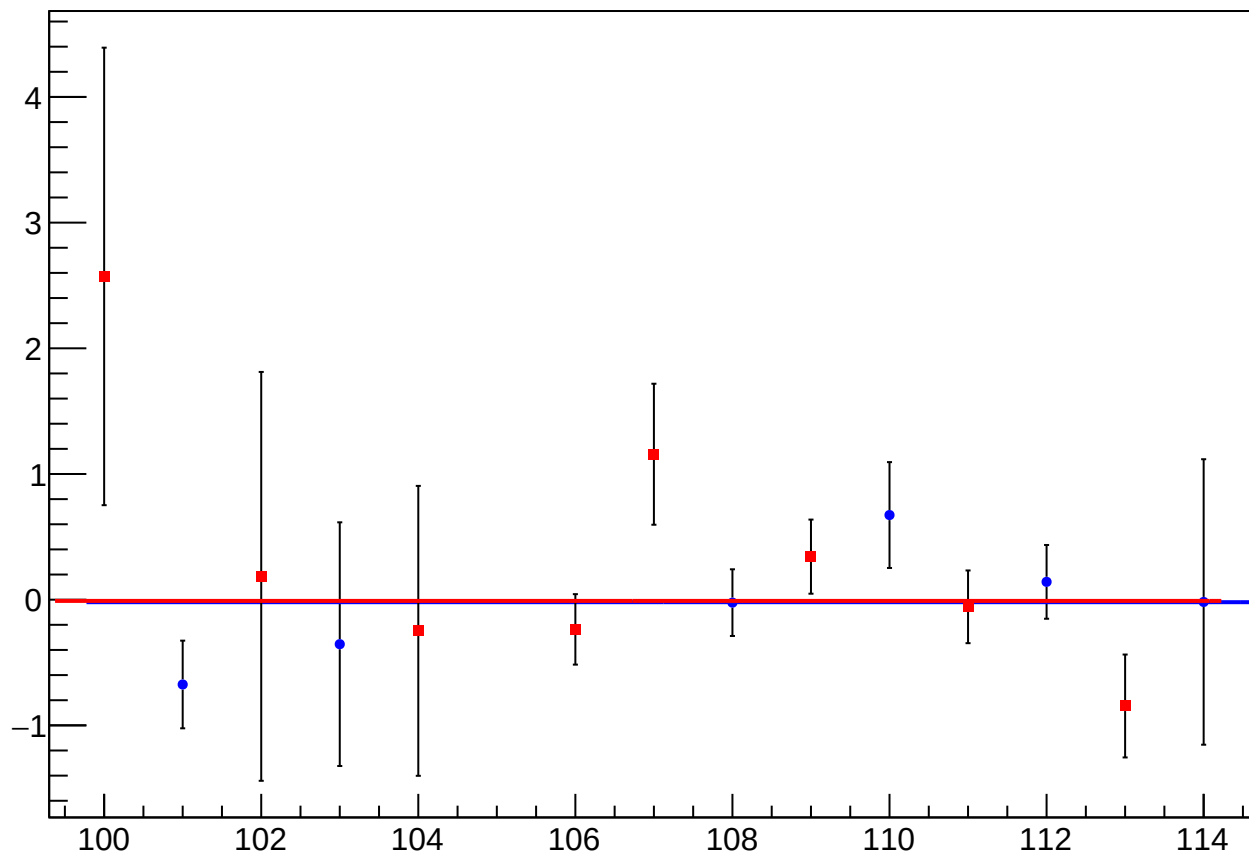
Right: 0.010+/-0.000 χ^2/NDF : 1590599.2/13

In: 0.011+/-0.000 χ^2/NDF :259293.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1590599.2/13

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.155 χ^2/NDF : 6.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.146 χ^2/NDF : 12.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

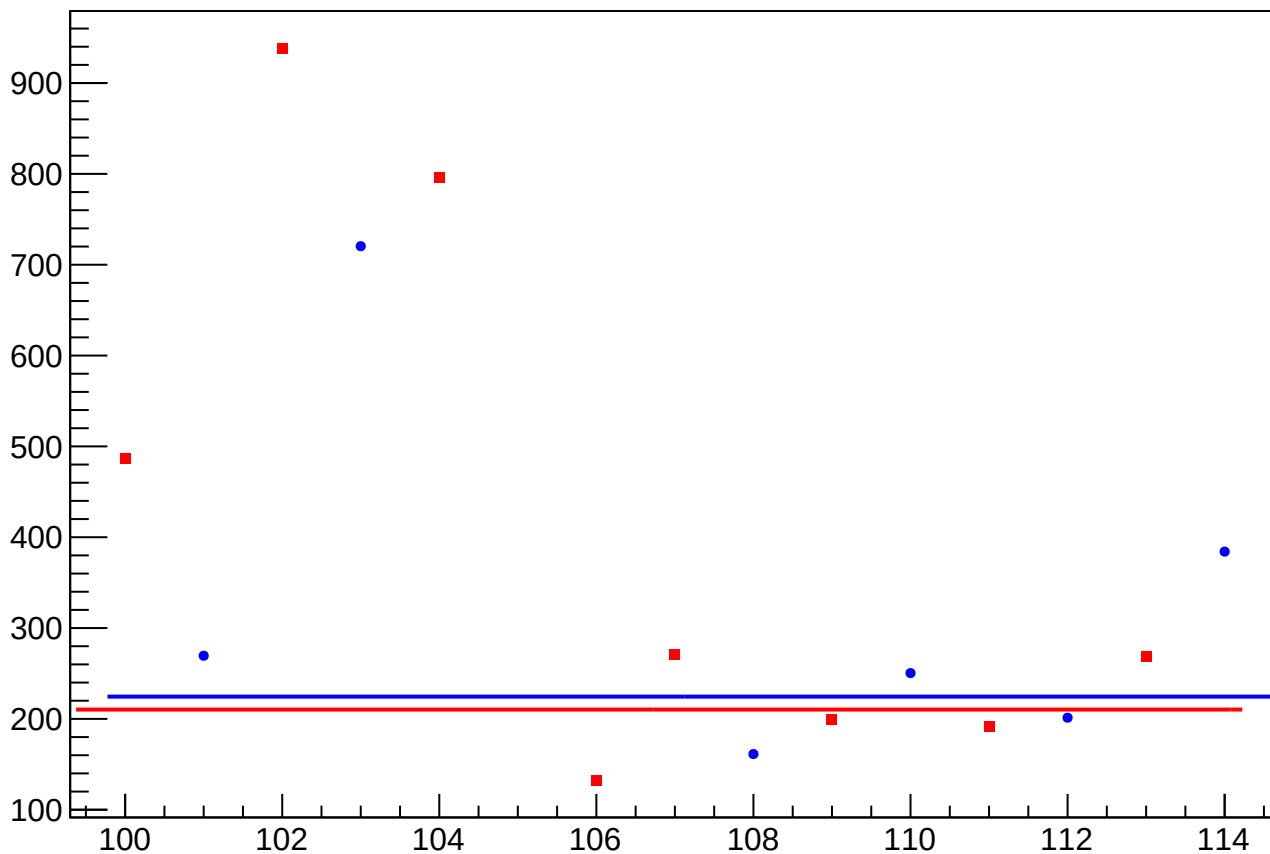
Right: -0.015 ± 0.106 χ^2/NDF : 19.3/13

In: -0.020 ± 0.155 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.106 χ^2/NDF : 19.3/13

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.524+/-0.110 χ^2/NDF : 729725.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.292+/-0.103 χ^2/NDF : 1192298.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

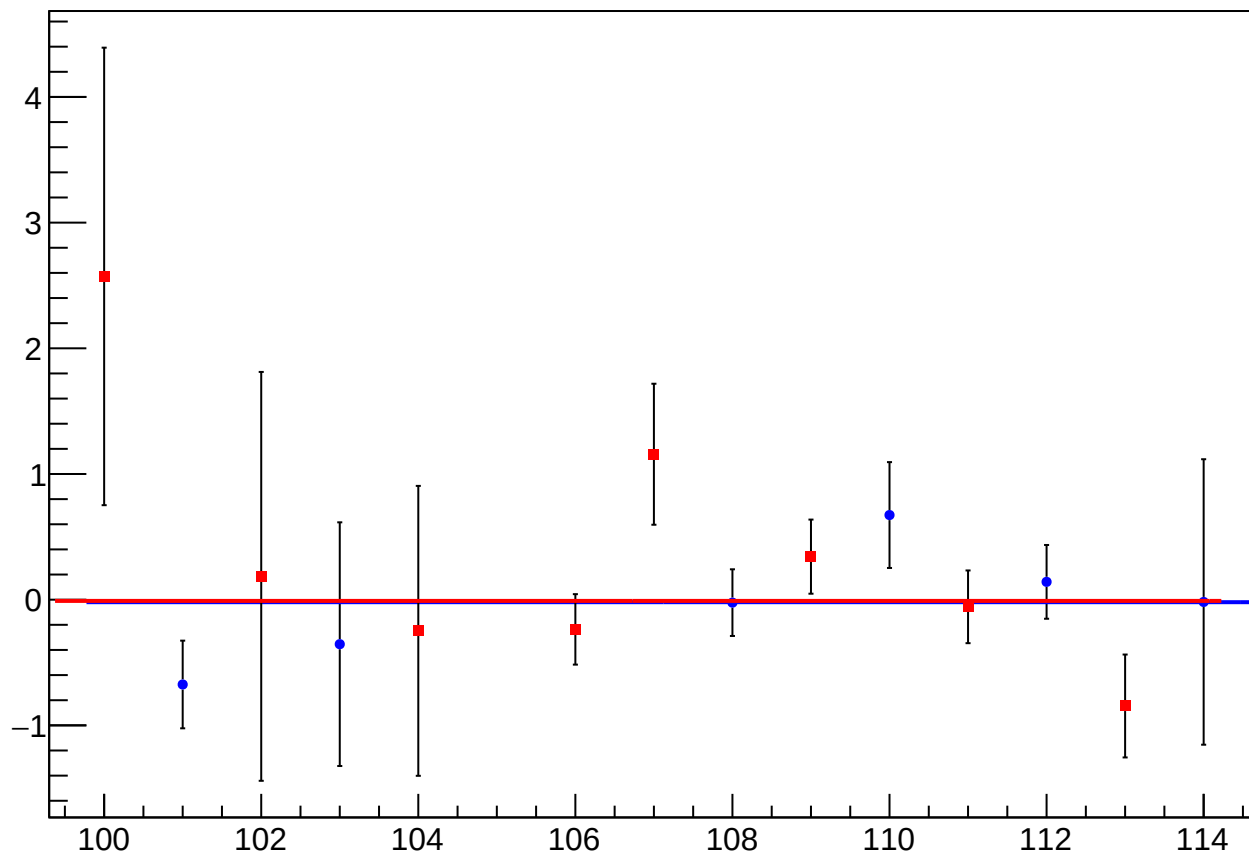
Right: 216.986+/-0.075 χ^2/NDF : 1930932.3/13

In: 224.524+/-0.110 χ^2/NDF : 729725.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.986+/-0.075 χ^2/NDF : 1930932.3/13

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.155 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.146 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

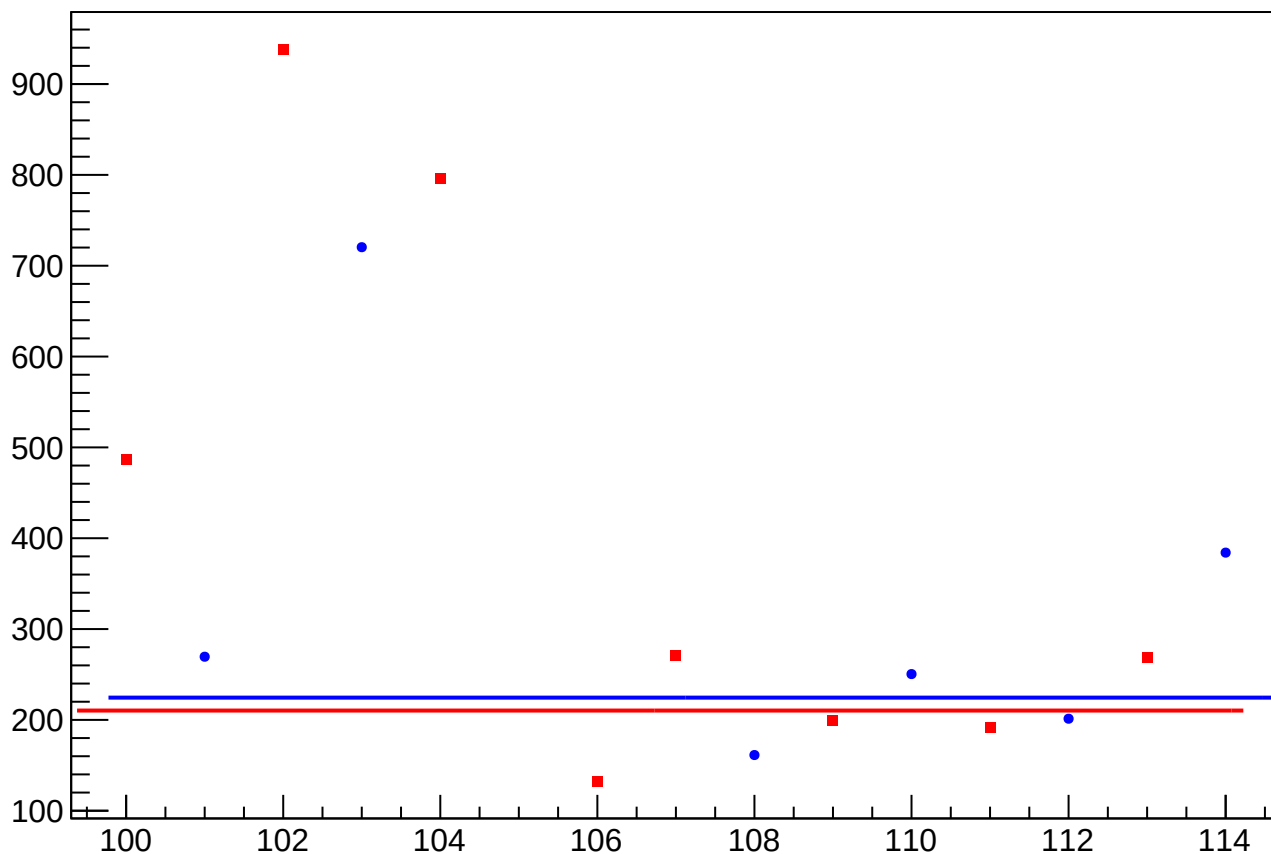
Right: -0.015+/-0.106 χ^2/NDF : 19.3/13

In: -0.020+/-0.155 χ^2/NDF :6.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.106 χ^2/NDF : 19.3/13

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.524+/-0.110 χ^2/NDF : 729725.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.292+/-0.103 χ^2/NDF : 1192298.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

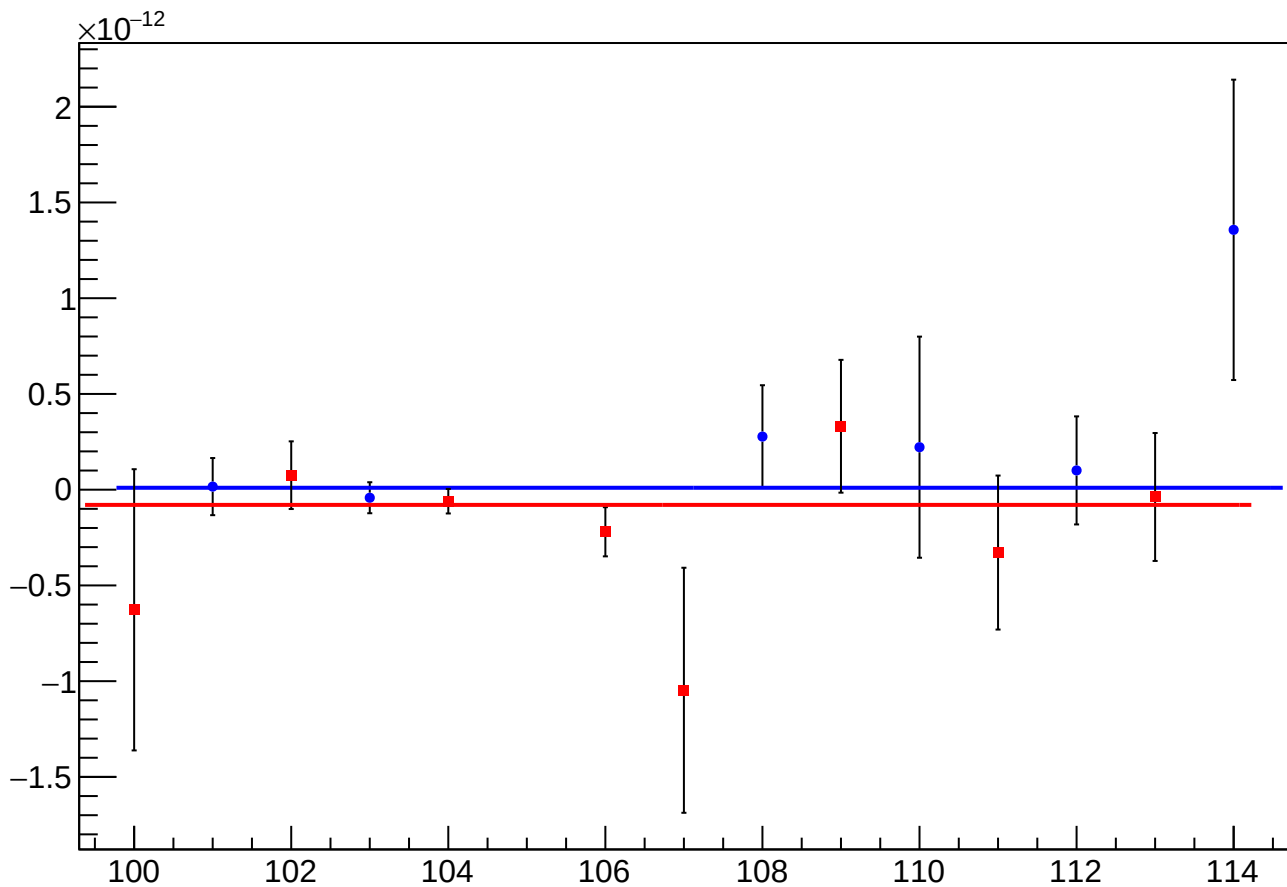
Right: 216.986+/-0.075 χ^2/NDF : 1930932.3/13

In: 224.524+/-0.110 χ^2/NDF : 729725.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.986+/-0.075 χ^2/NDF : 1930932.3/13

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

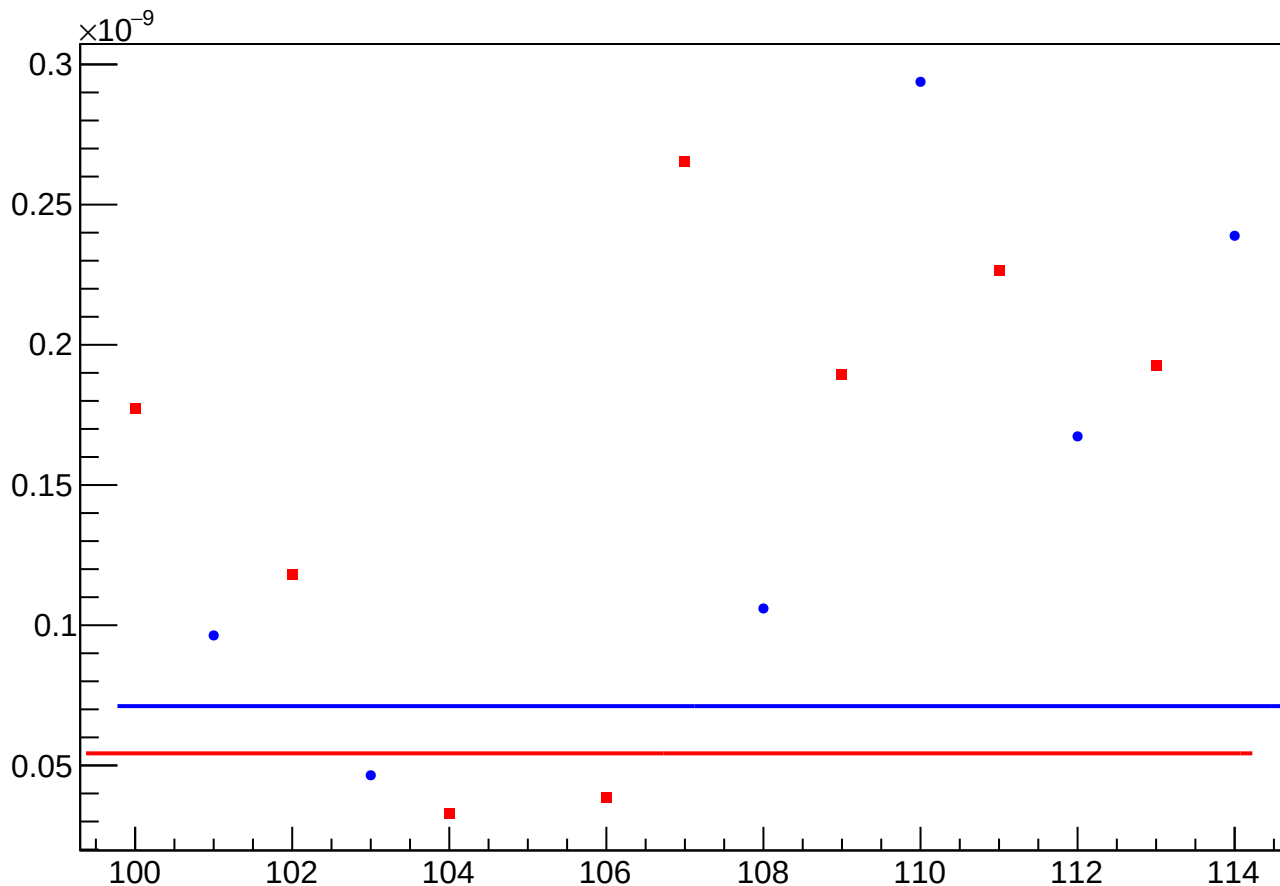
Right: -0.000+/-0.000 χ^2/NDF : 12.4/13

In: 0.000+/-0.000 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.4/13

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

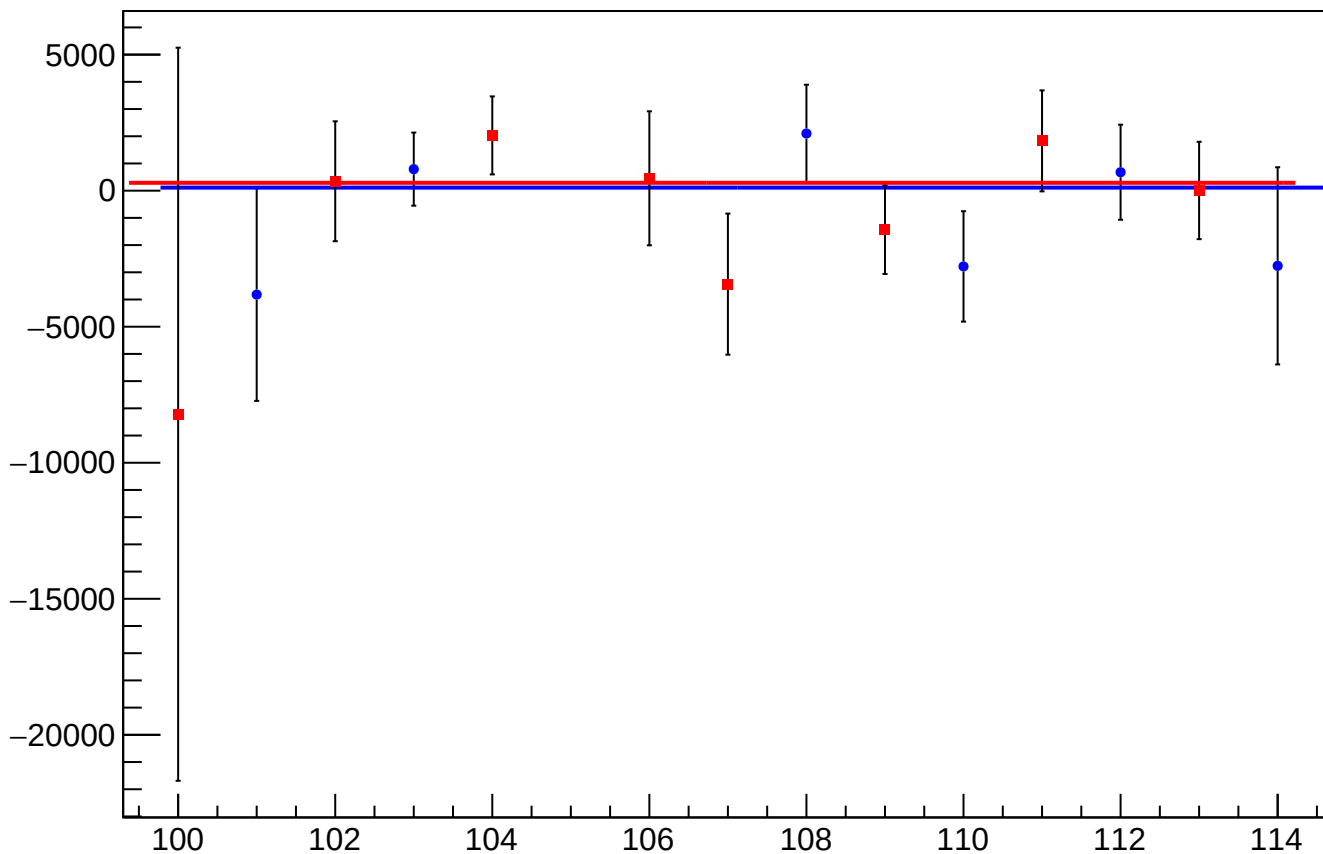
Right: 0.000+/-0.000 χ^2/NDF : 2782061.7/13

In: 0.000+/-0.000 χ^2/NDF : 897933.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2782061.7/13

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

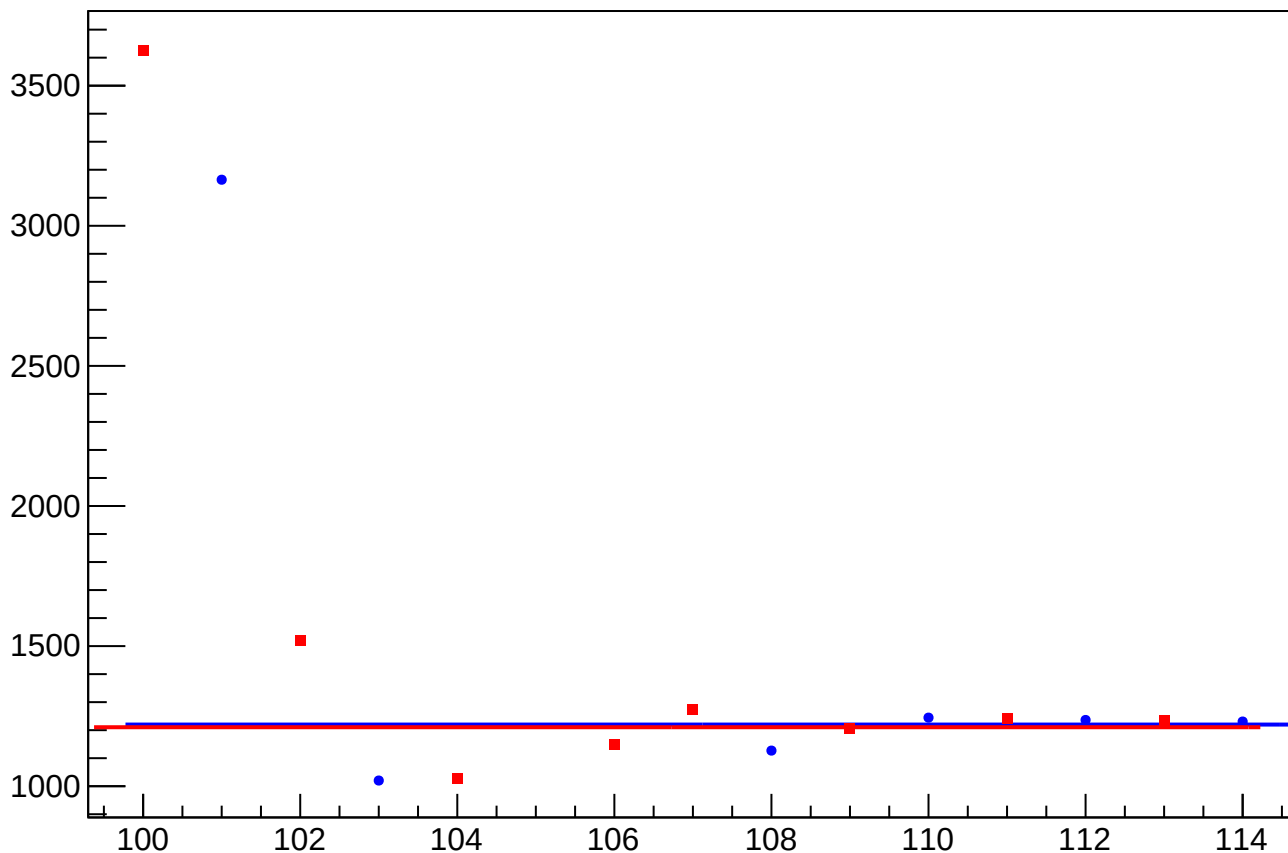
Right: 210.954 $\pm$ 529.478 χ^2 /NDF: 11.1/13

In: 112.202 $\pm$ 796.241 χ^2 /NDF:5.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 210.954 $\pm$ 529.478 χ^2 /NDF: 11.1/13

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1219.984+/-0.563 χ^2/NDF : 545305.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1210.477+/-0.499 χ^2/NDF : 140441.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

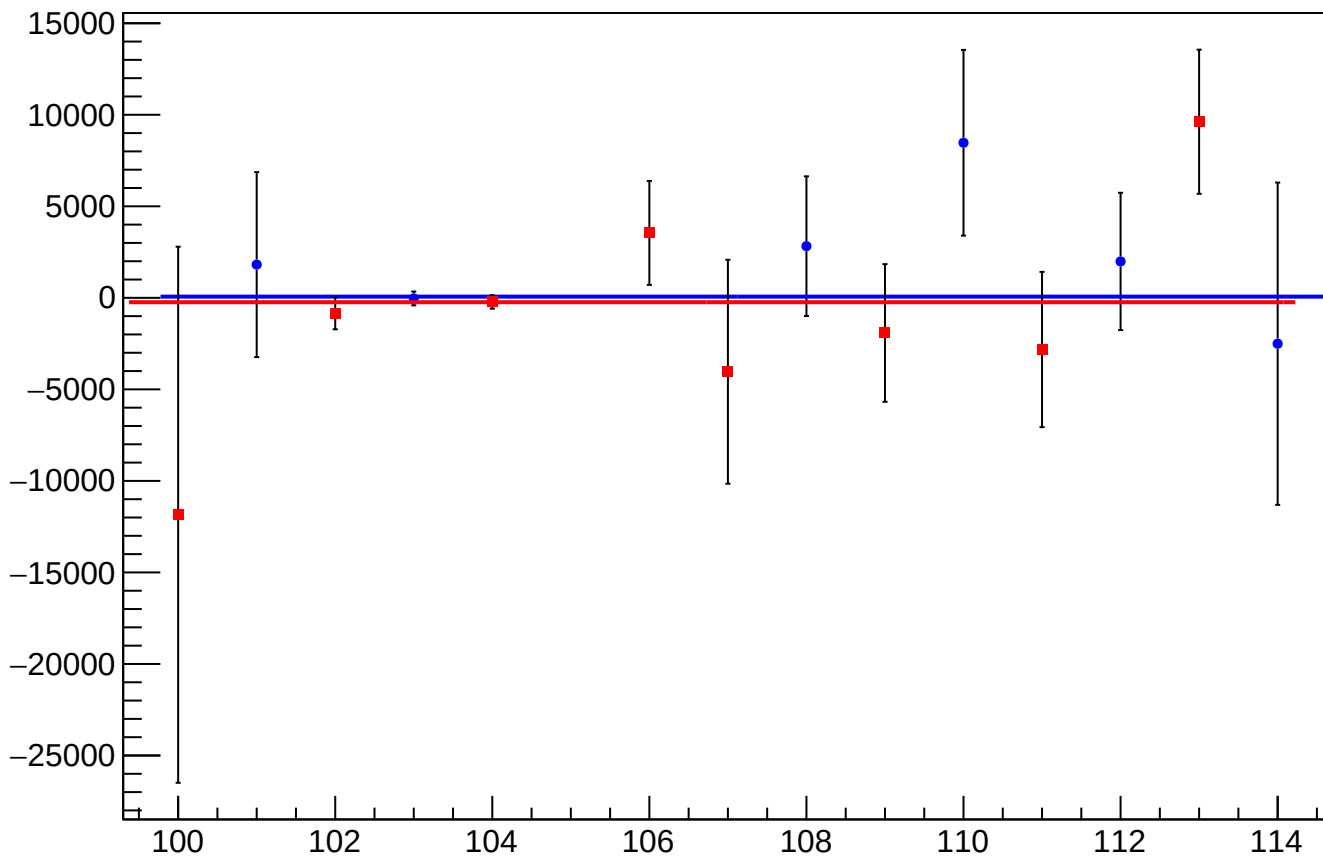
Right: 1214.658+/-0.373 χ^2/NDF : 685906.1/13

In: 1219.984+/-0.563 χ^2/NDF : 545305.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.658+/-0.373 χ^2/NDF : 685906.1/13

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

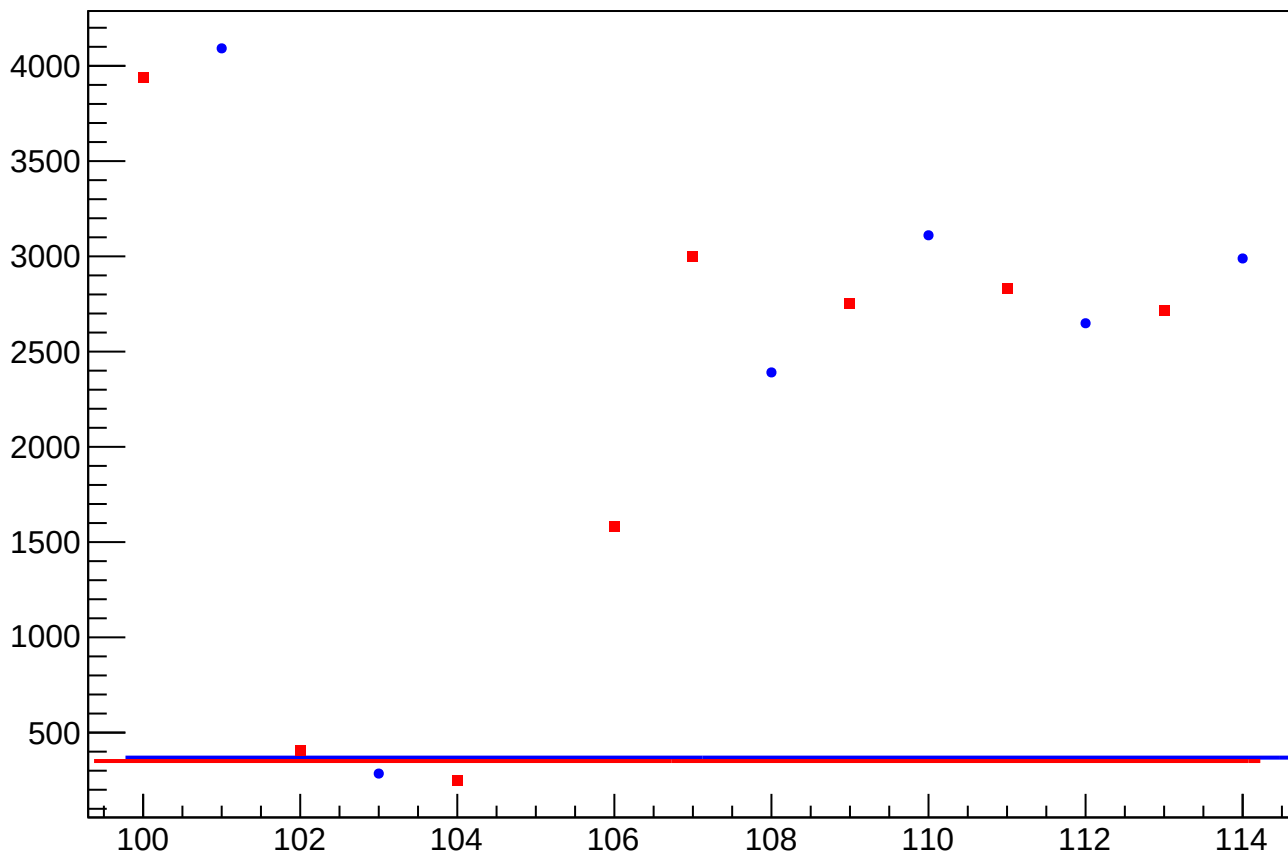
Right: -103.033+/-247.319 χ^2/NDF : 14.3/13

In: 65.754+/-371.547 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.033+/-247.319 χ^2/NDF : 14.3/13

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

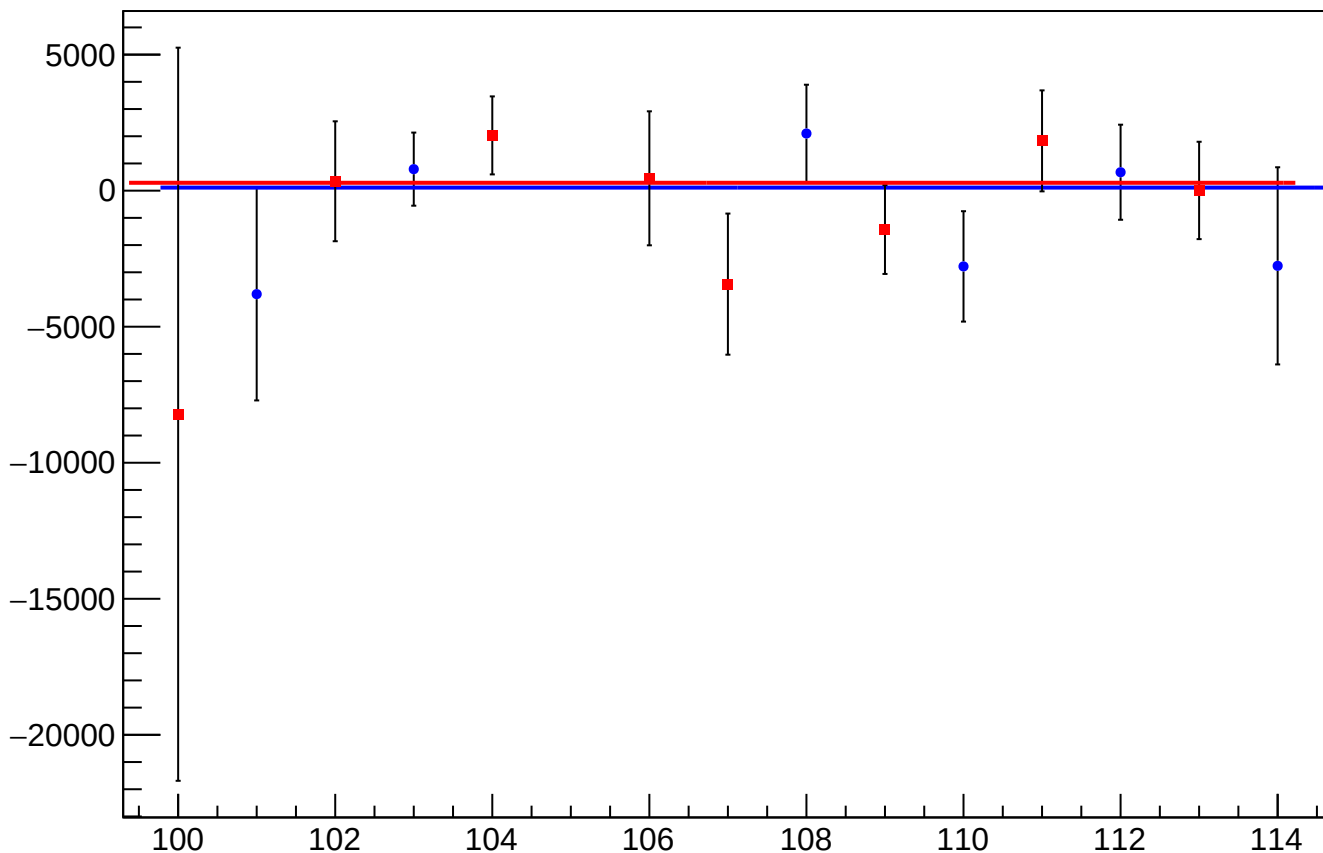
Right: 358.702 $\pm$ 0.175 χ^2 /NDF: 6511164.0/13

In: 368.657 $\pm$ 0.263 χ^2 /NDF:3247802.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 358.702 $\pm$ 0.175 χ^2 /NDF: 6511164.0/13

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 112.852+/-796.242 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.652+/-708.931 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

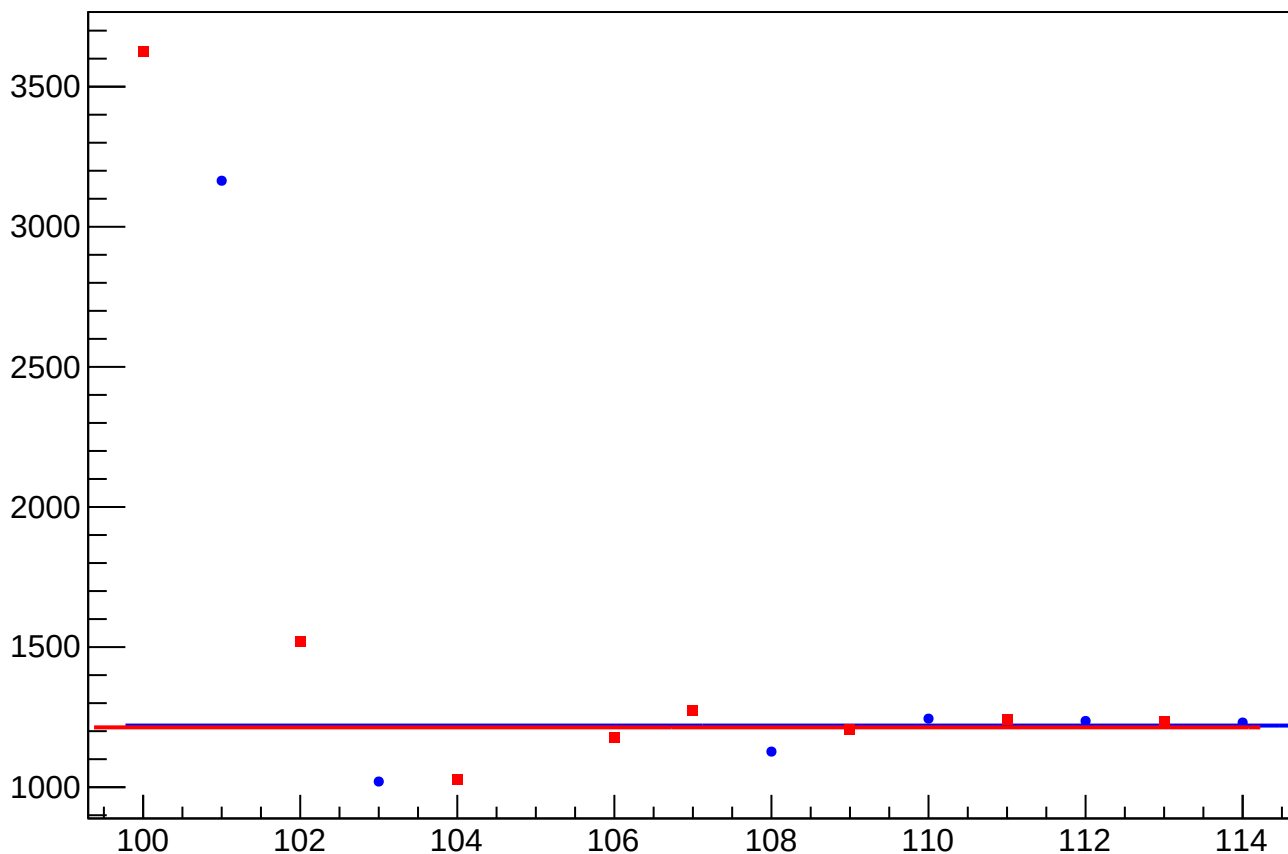
Right: 211.473+/-529.478 χ^2/NDF : 11.1/13

In: 112.852+/-796.242 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.473+/-529.478 χ^2/NDF : 11.1/13

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

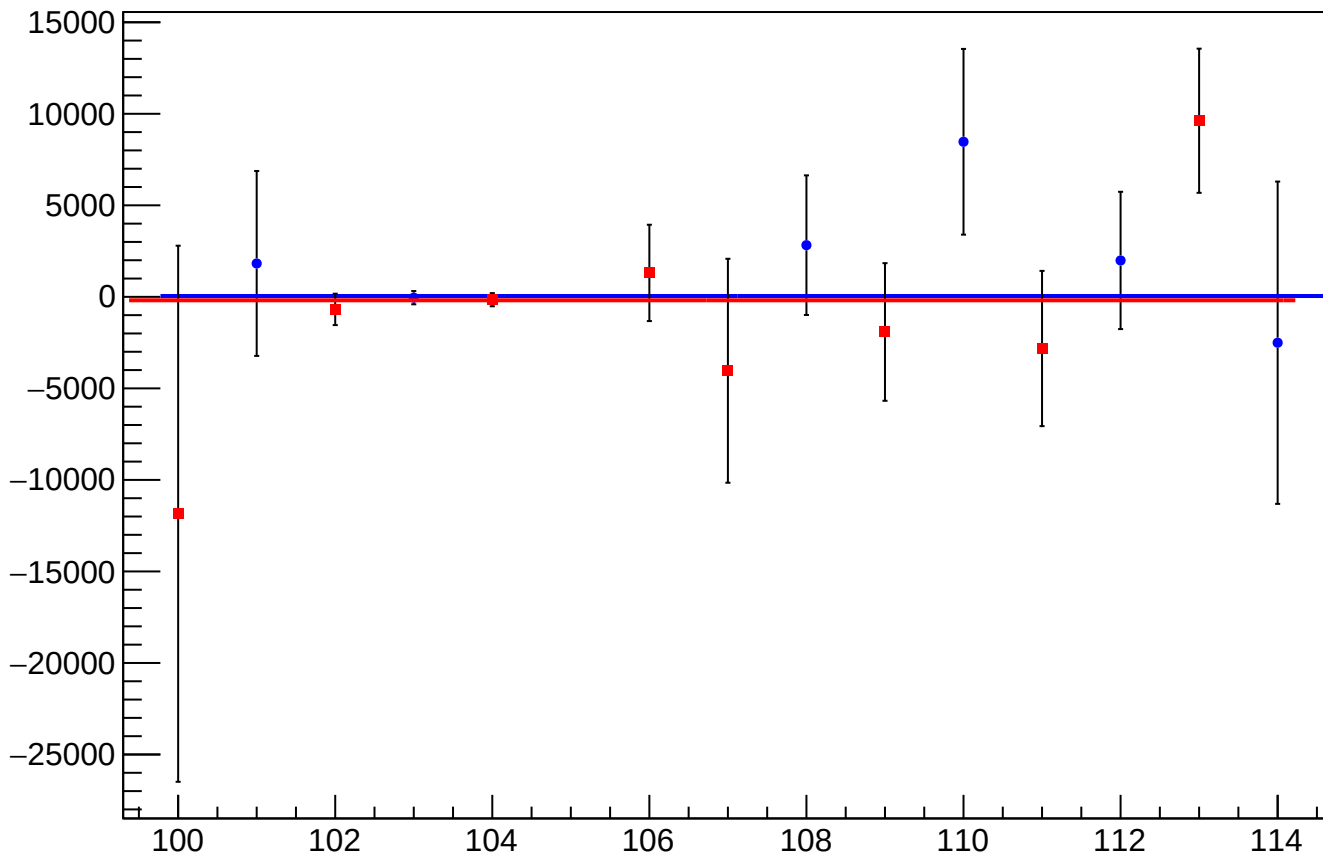
Right: 1216.403+/-0.374 χ^2/NDF : 684663.4/13

In: 1219.984+/-0.563 χ^2/NDF : 545306.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.403+/-0.374 χ^2/NDF : 684663.4/13

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

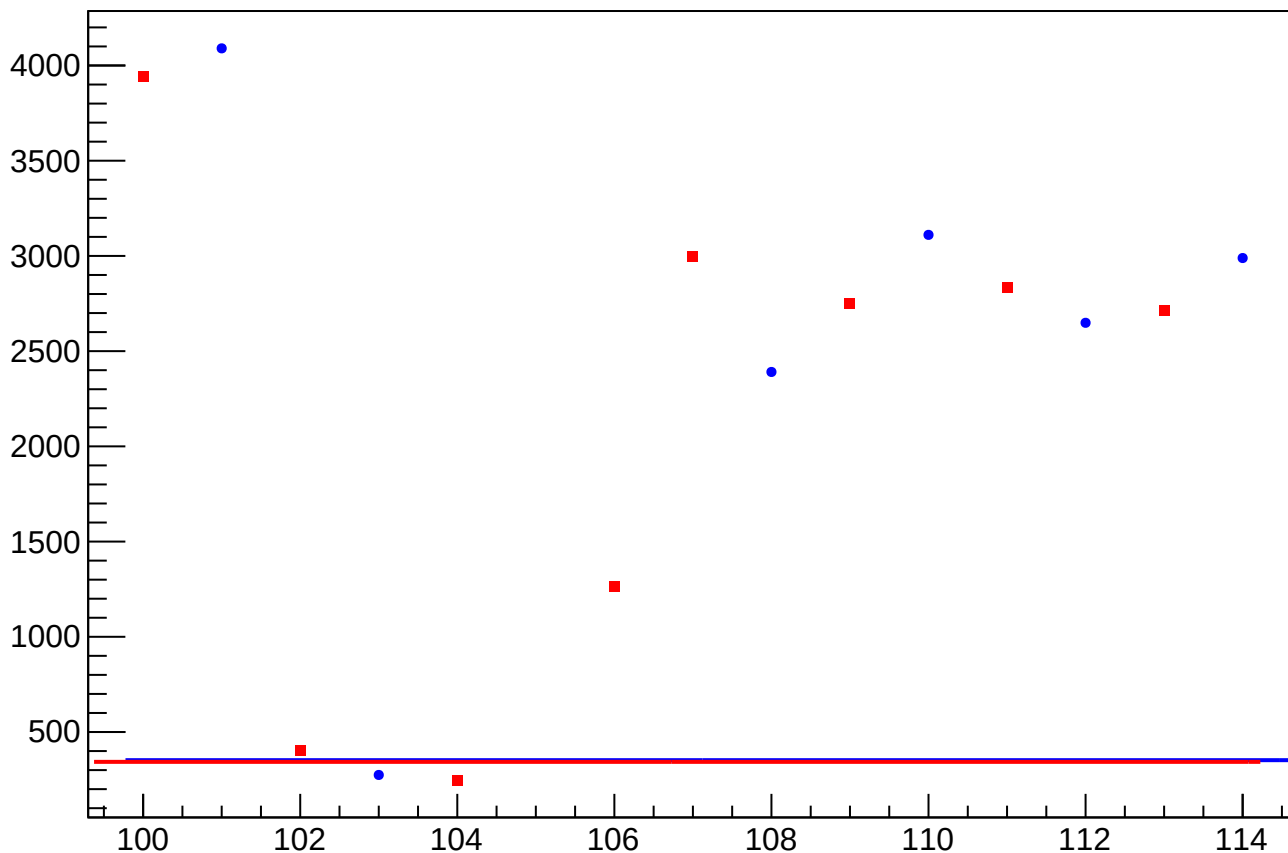
Right: -81.891+/-240.618 χ^2/NDF : 12.6/13

In: 45.754+/-356.894 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.891+/-240.618 χ^2/NDF : 12.6/13

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

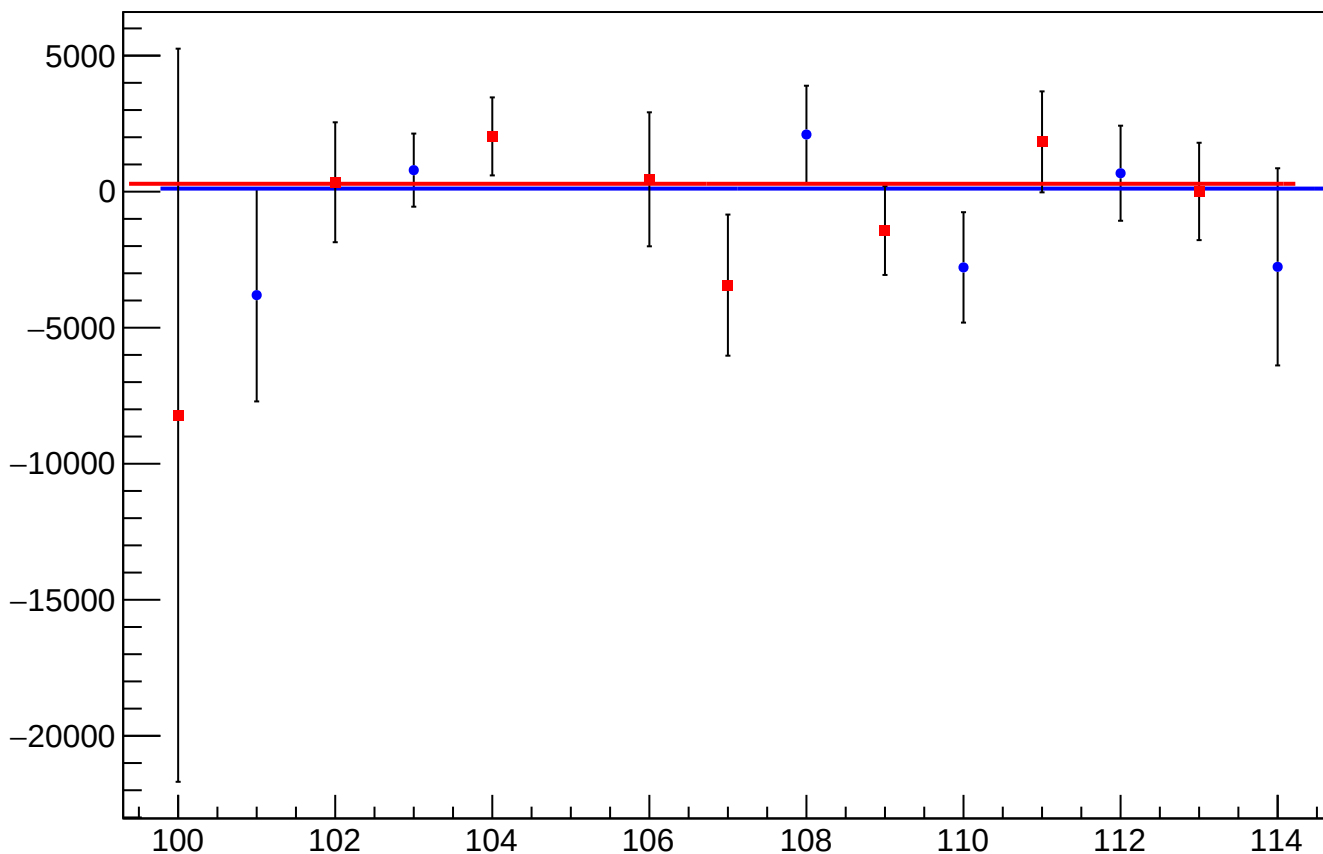
Right: 347.322 $\pm$ 0.170 χ^2 /NDF: 6419398.8/13

In: 352.152 $\pm$ 0.252 χ^2 /NDF:3279946.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 347.322 $\pm$ 0.170 χ^2 /NDF: 6419398.8/13

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 112.852+/-796.242 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.652+/-708.931 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

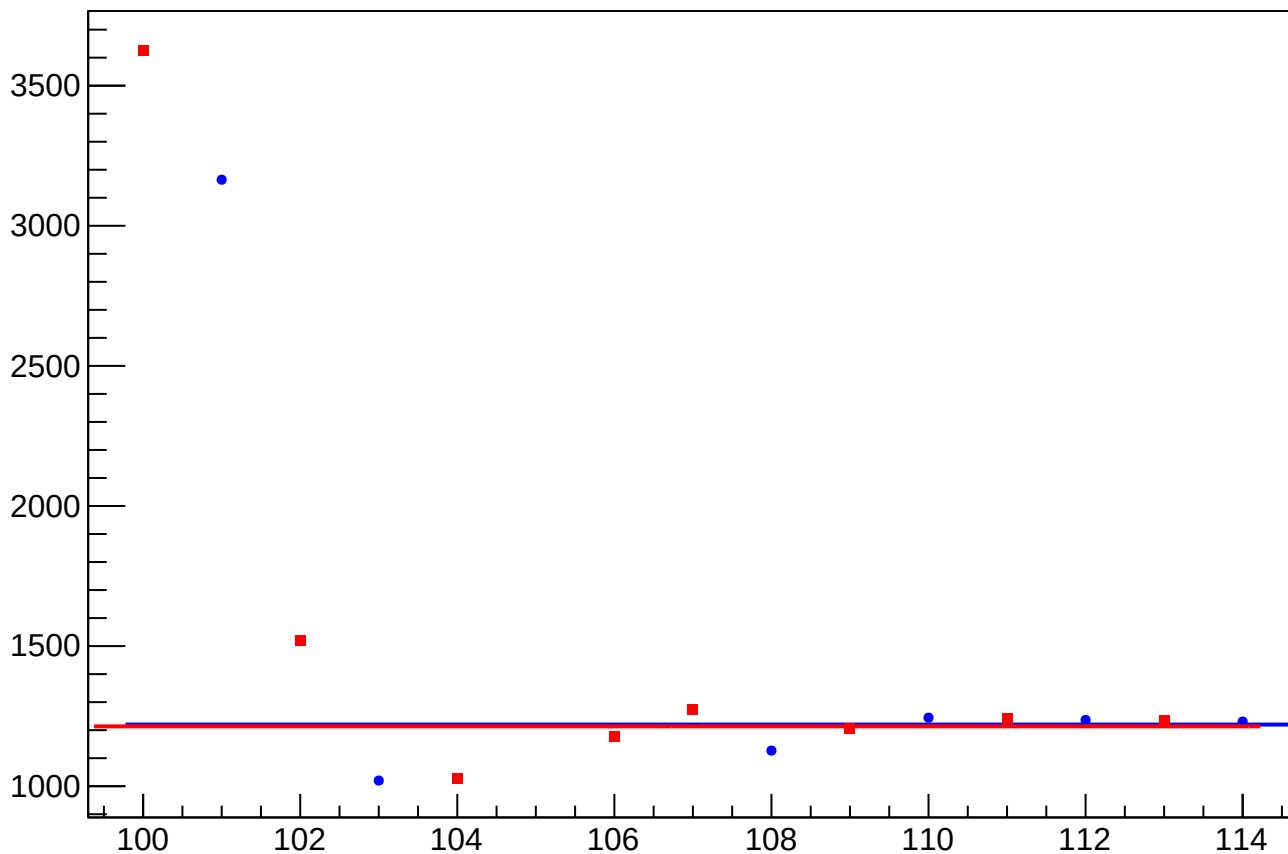
Right: 211.473+/-529.478 χ^2/NDF : 11.1/13

In: 112.852+/-796.242 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.473+/-529.478 χ^2/NDF : 11.1/13

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

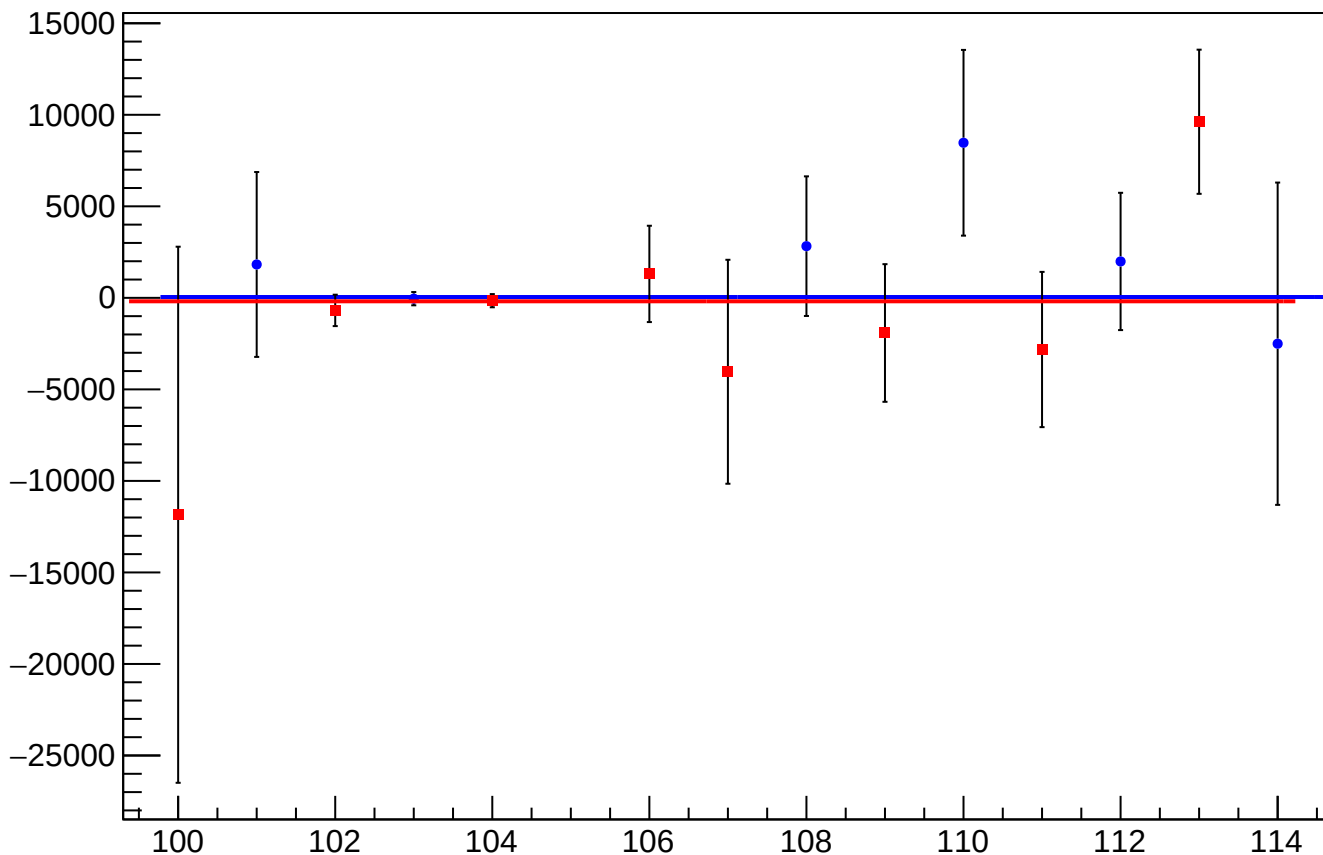
Right: 1216.403+/-0.374 χ^2/NDF : 684663.4/13

In: 1219.984+/-0.563 χ^2/NDF : 545306.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.403+/-0.374 χ^2/NDF : 684663.4/13

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

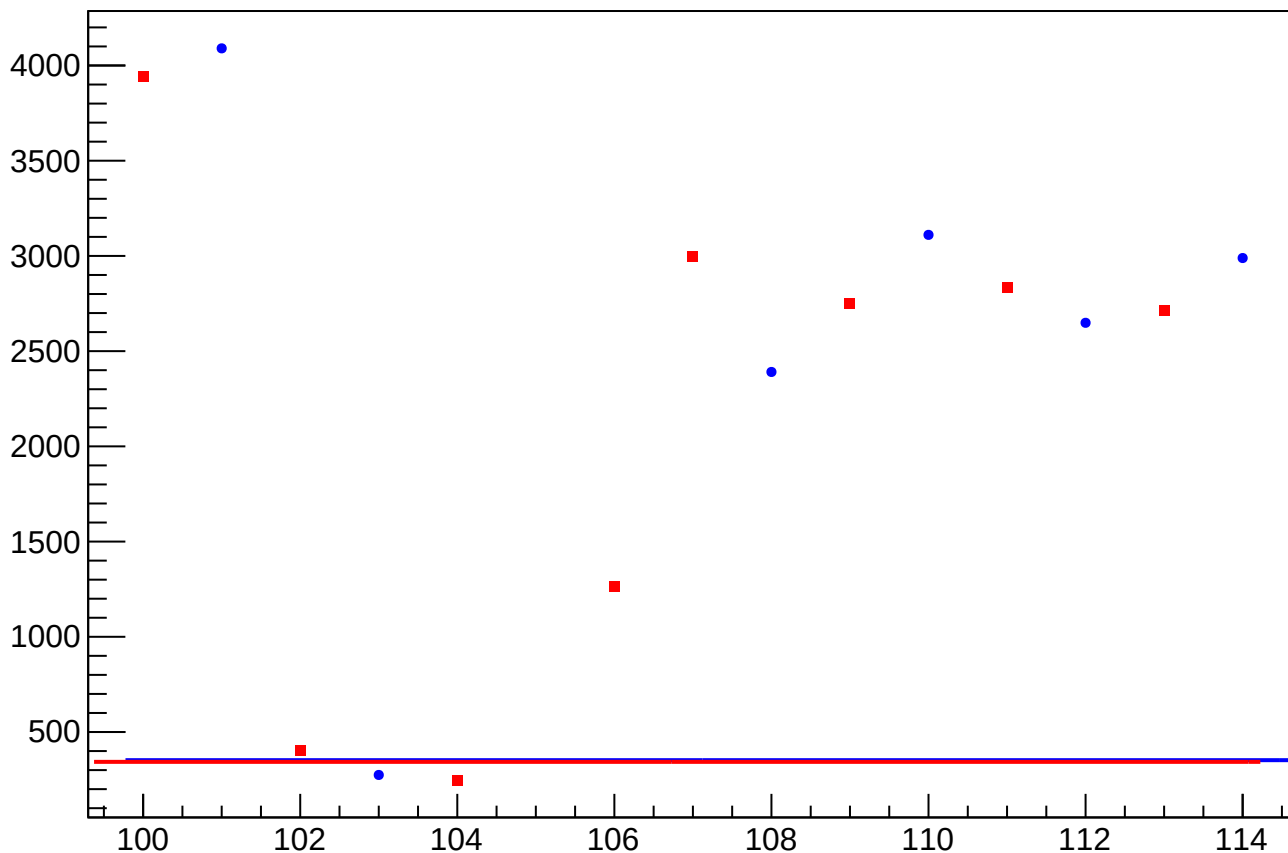
Right: -81.891+/-240.618 χ^2/NDF : 12.6/13

In: 45.754+/-356.894 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.891+/-240.618 χ^2/NDF : 12.6/13

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 352.152+/-0.252 χ^2/NDF : 3279946.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.297+/-0.230 χ^2/NDF : 3138780.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

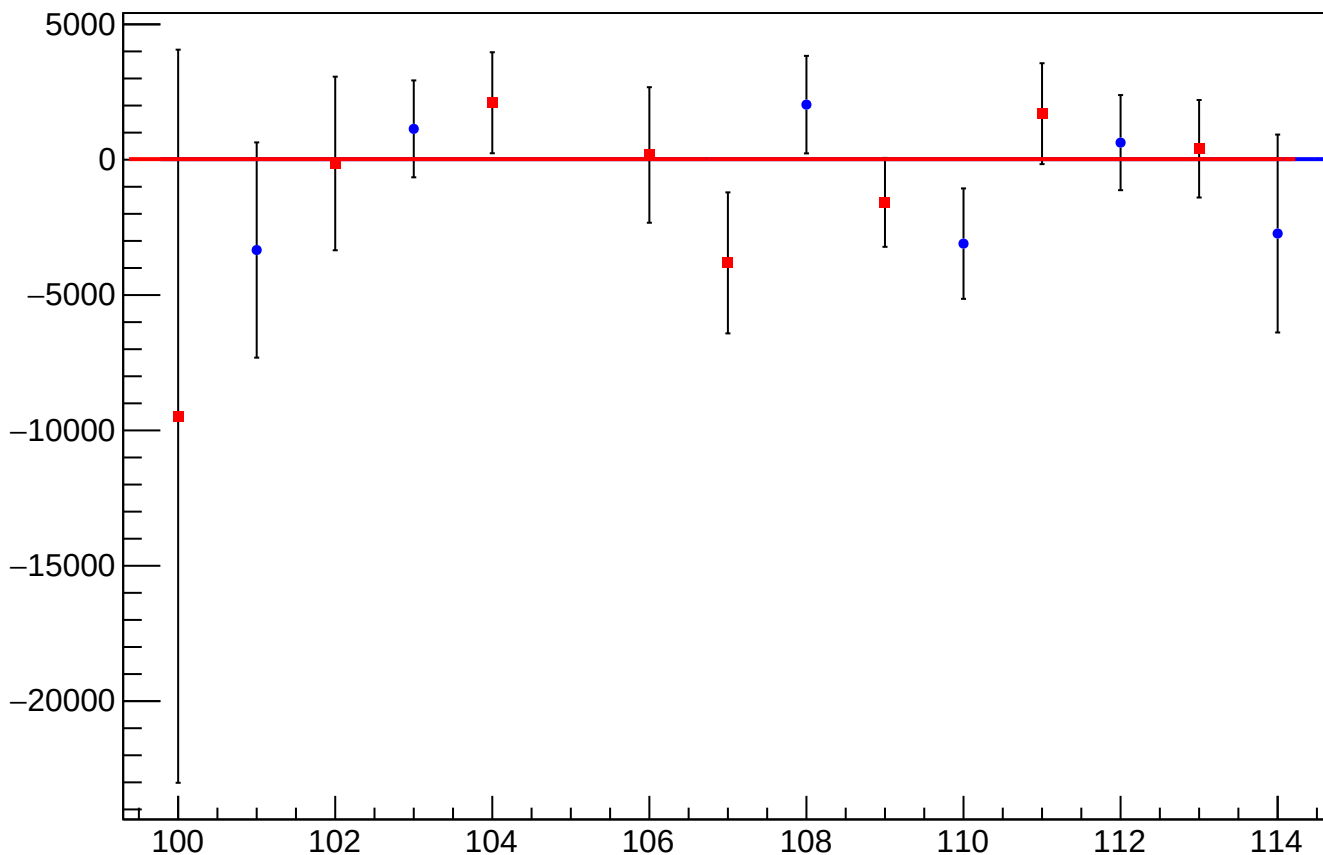
Right: 347.322+/-0.170 χ^2/NDF : 6419398.8/13

In: 352.152+/-0.252 χ^2/NDF : 3279946.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.322+/-0.170 χ^2/NDF : 6419398.8/13

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

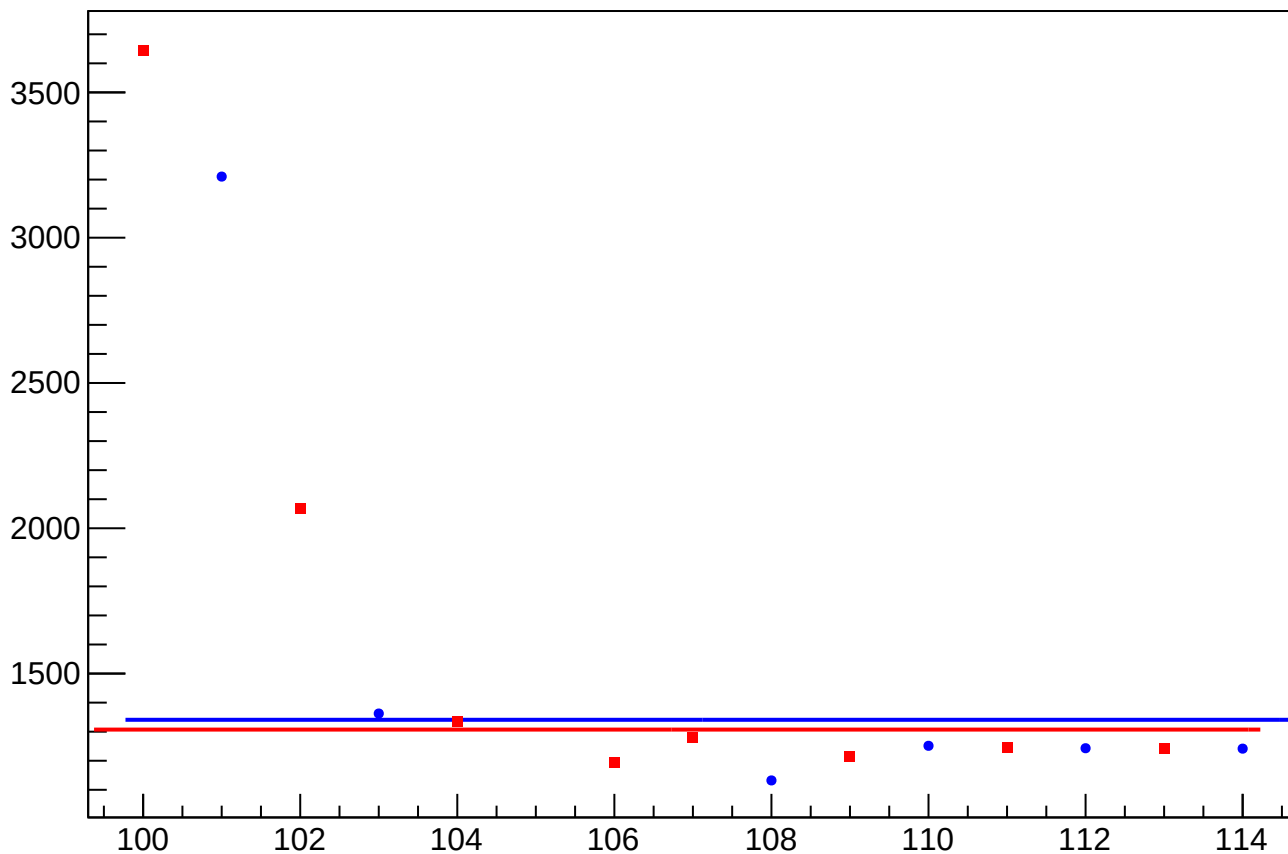
Right: 20.619+/-578.629 χ^2/NDF : 11.1/13

In: 20.121+/-869.437 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.619+/-578.629 χ^2/NDF : 11.1/13

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

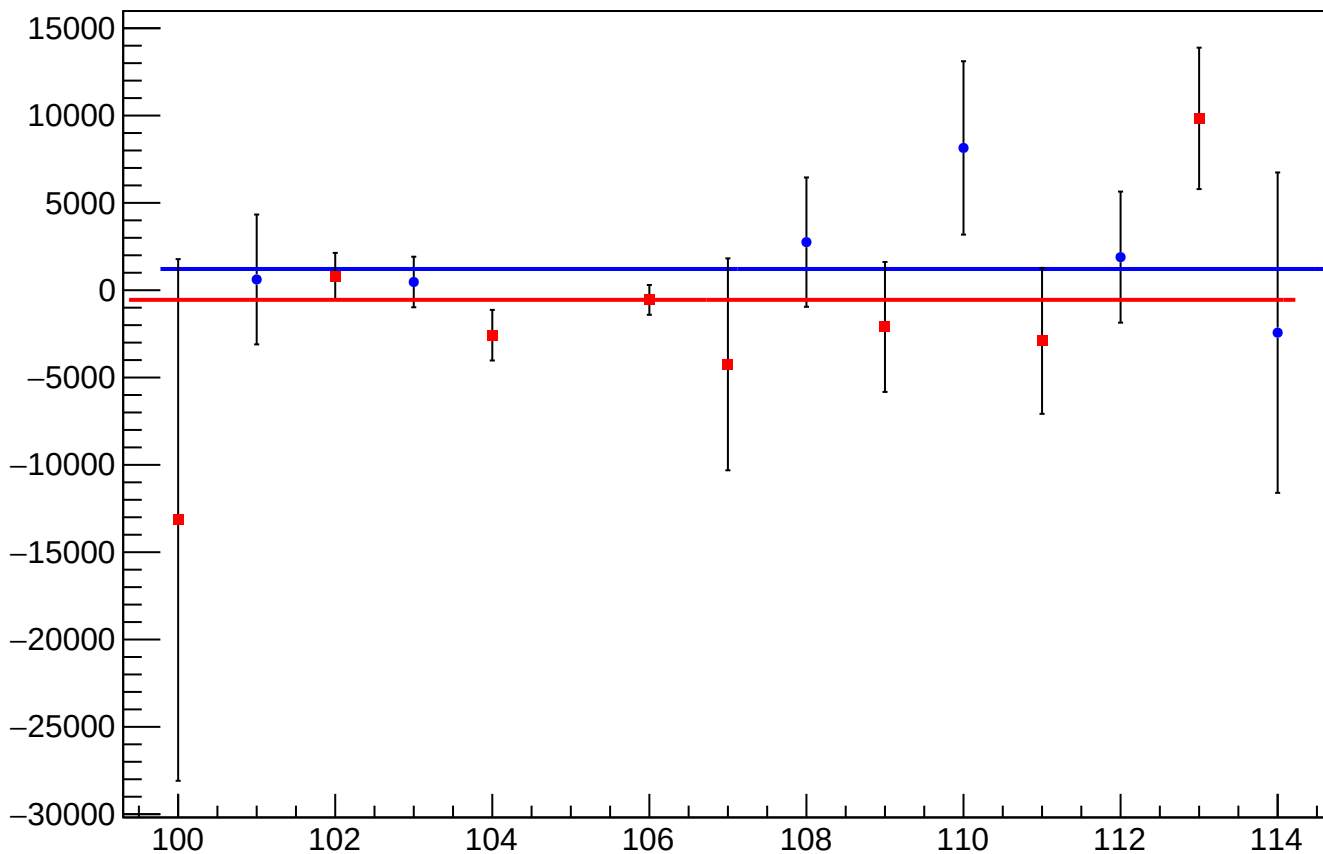
Right: 1322.110+/-0.409 χ^2/NDF : 670444.3/13

In: 1340.925+/-0.615 χ^2/NDF : 480818.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.110+/-0.409 χ^2/NDF : 670444.3/13

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

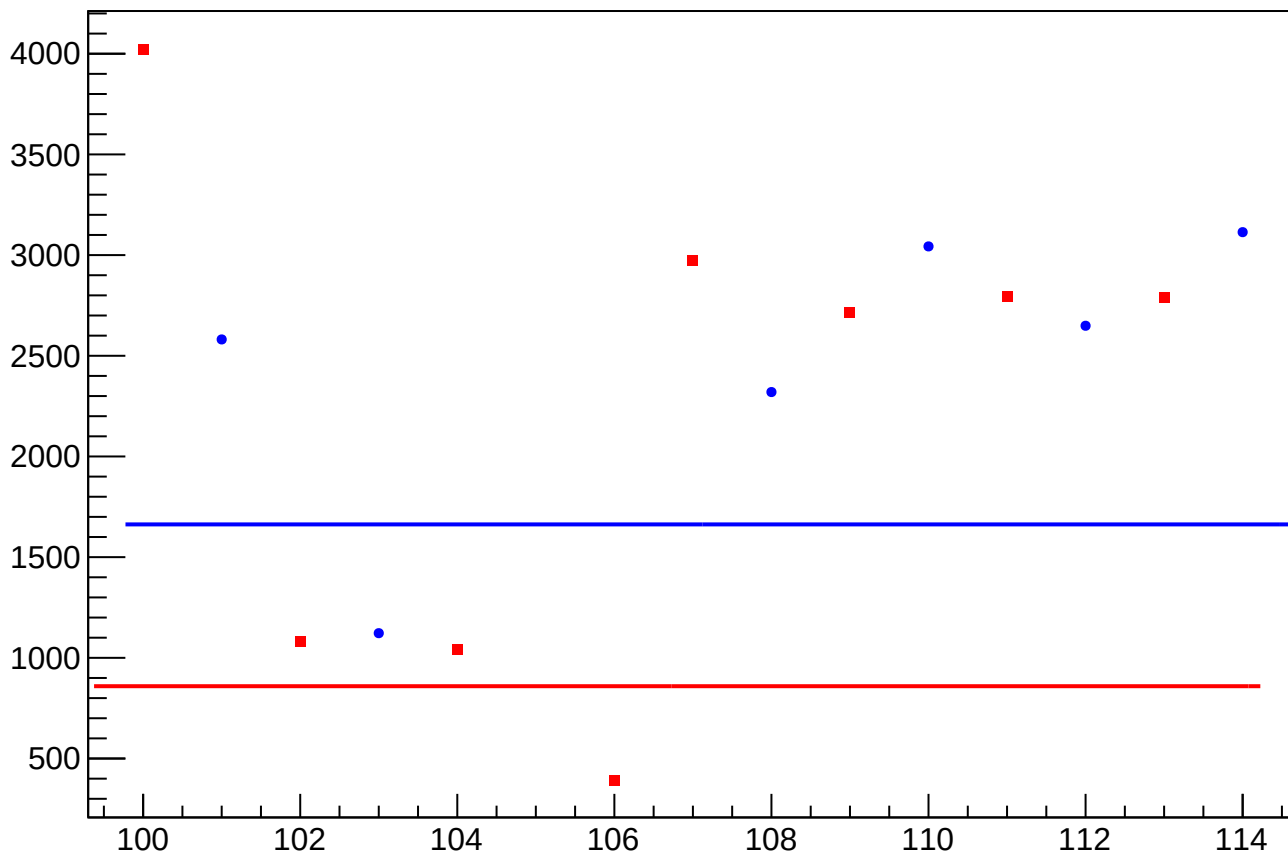
Right: -159.603+/-544.966 χ^2/NDF : 15.5/13

In: 1214.820+/-1157.762 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.603+/-544.966 χ^2/NDF : 15.5/13

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

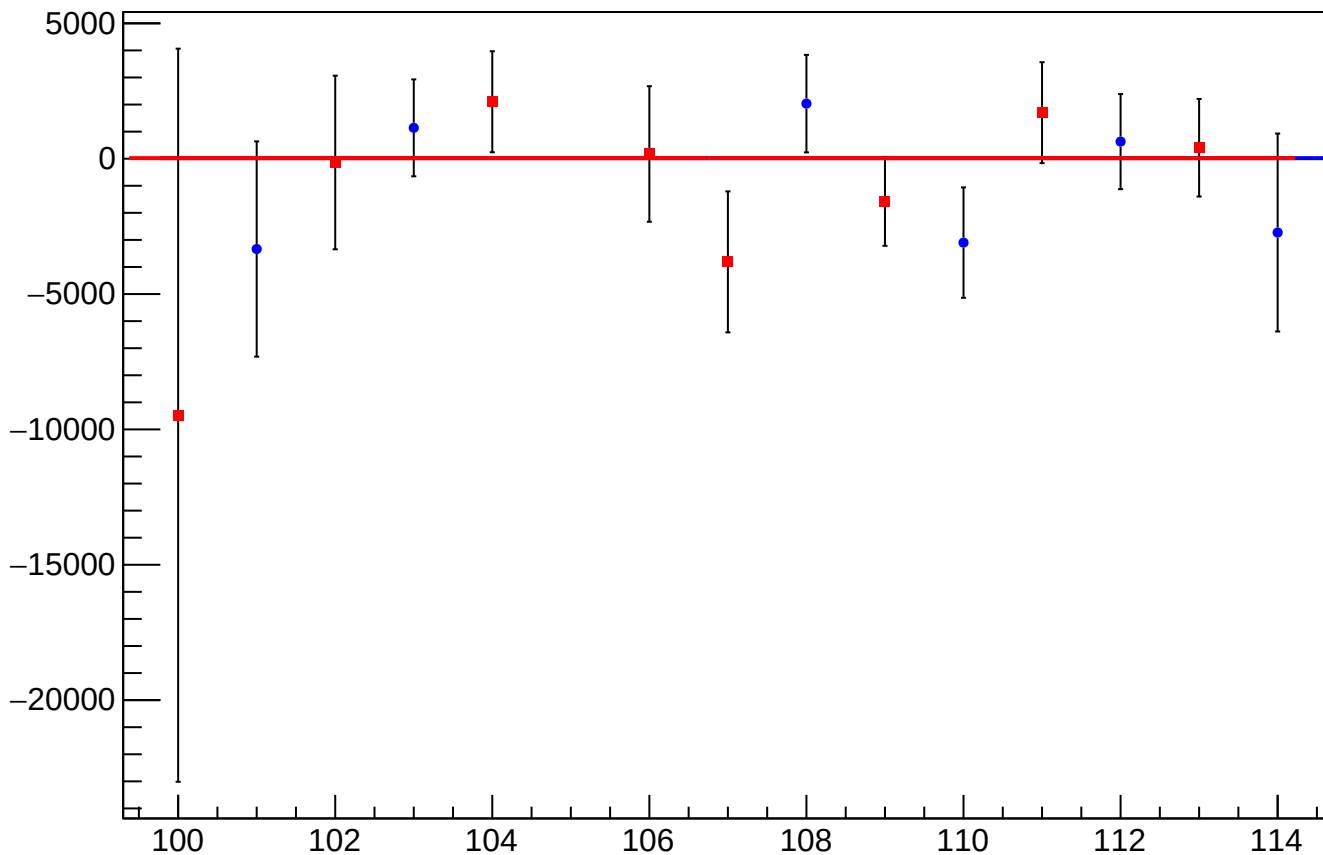
Right: 1037.148+/-0.385 χ^2/NDF : 3959962.7/13

In: 1662.620+/-0.819 χ^2/NDF : 806661.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.148+/-0.385 χ^2/NDF : 3959962.7/13

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

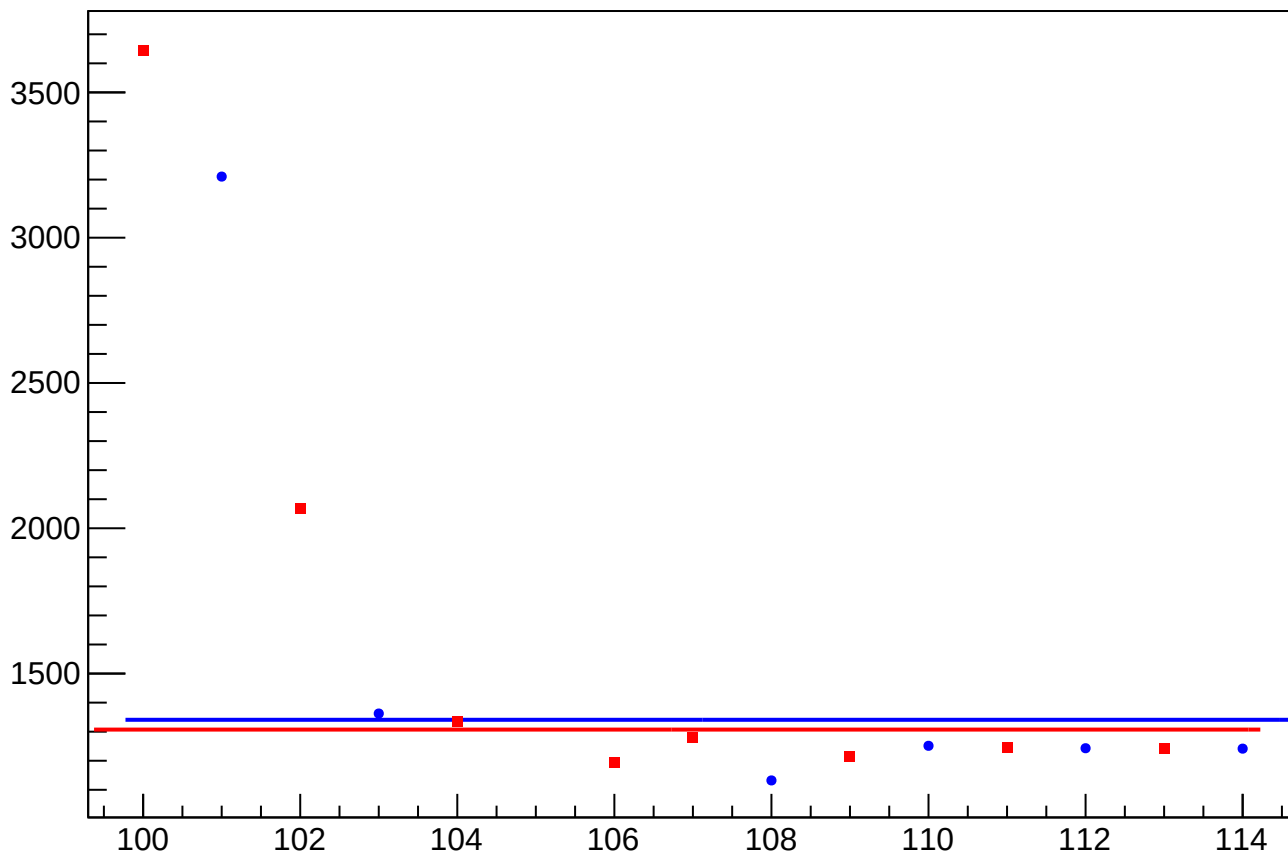
Right: 20.615+/-578.629 χ^2/NDF : 11.1/13

In: 20.117+/-869.437 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.615+/-578.629 χ^2/NDF : 11.1/13

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

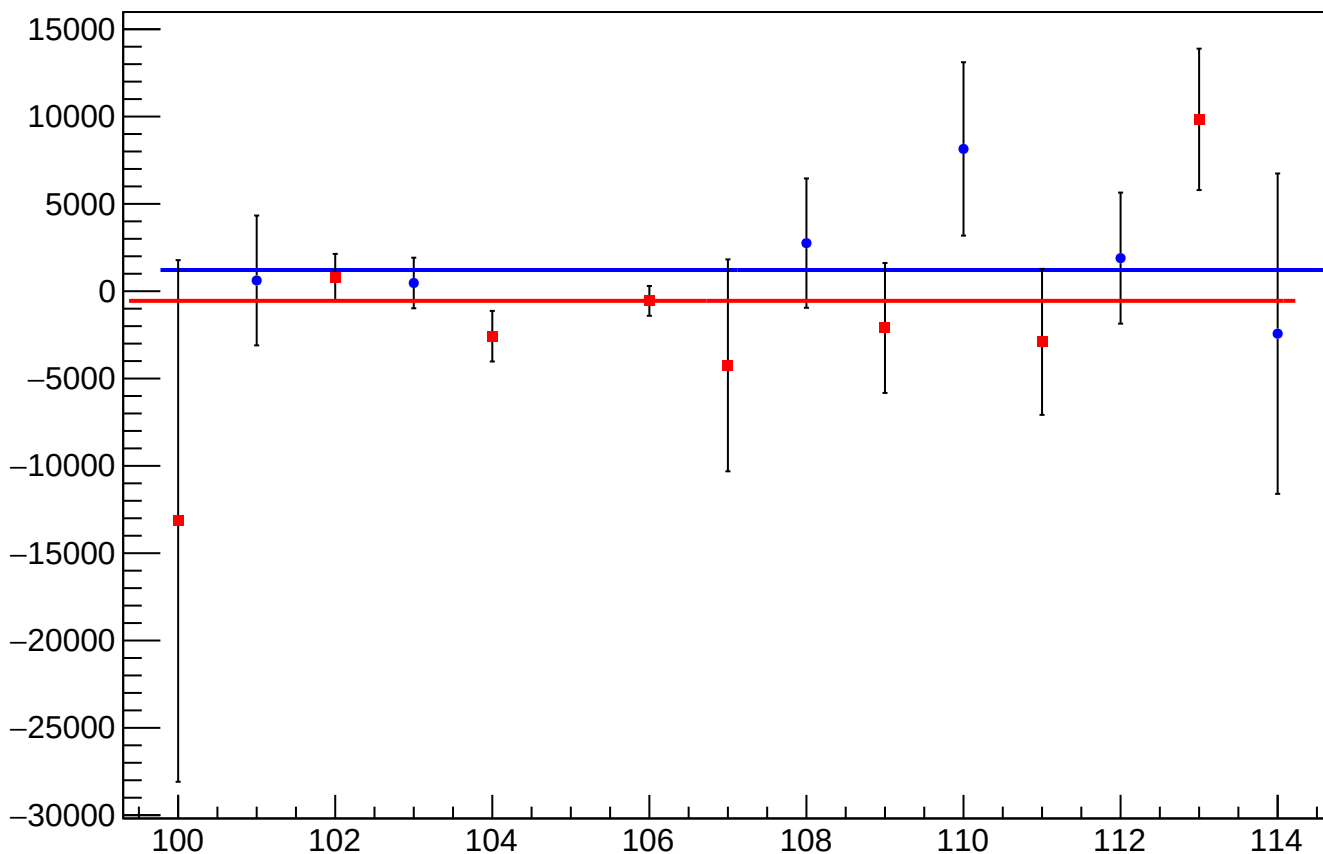
Right: 1322.110+/-0.409 χ^2/NDF : 670444.1/13

In: 1340.925+/-0.615 χ^2/NDF : 480818.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.110+/-0.409 χ^2/NDF : 670444.1/13

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

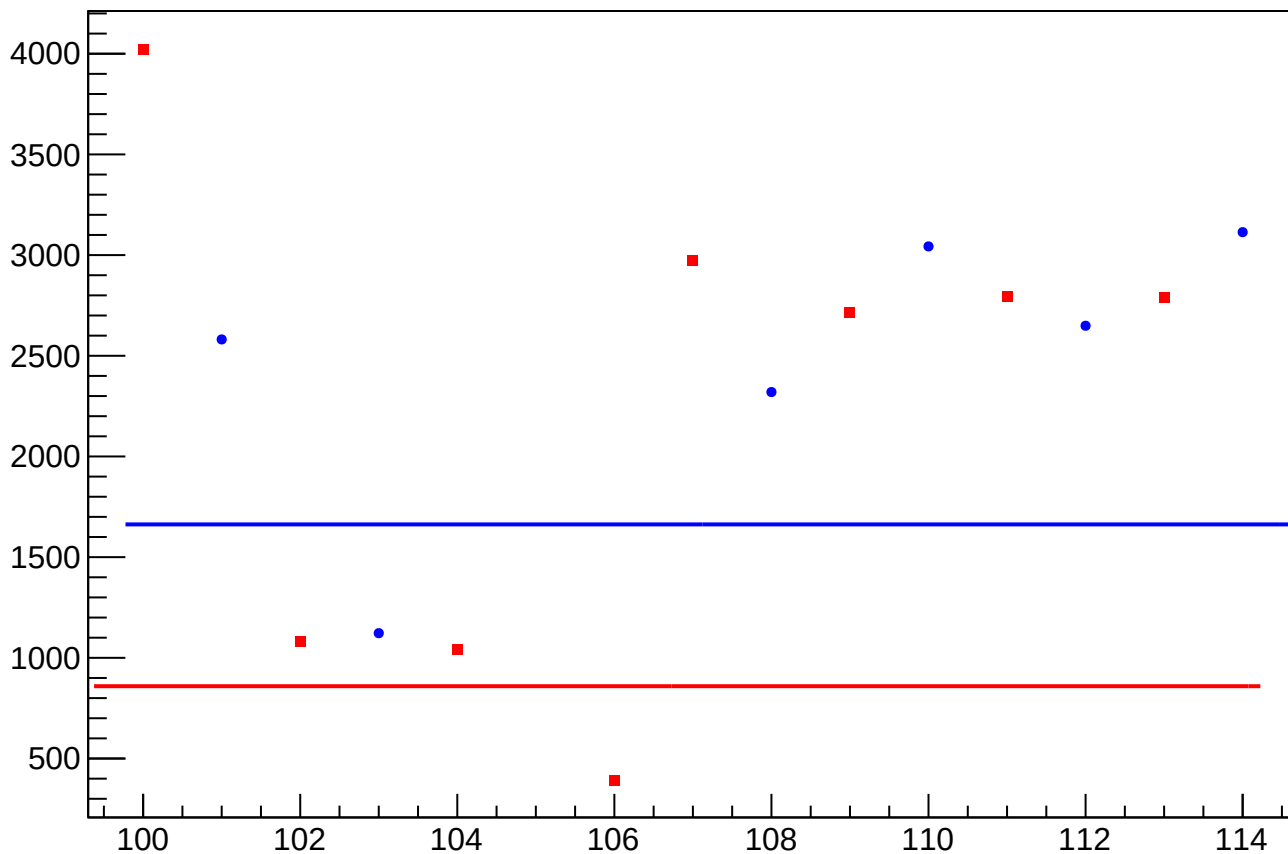
Right: -159.610+/-544.960 χ^2/NDF : 15.5/13

In: 1214.820+/-1157.761 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.610+/-544.960 χ^2/NDF : 15.5/13

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

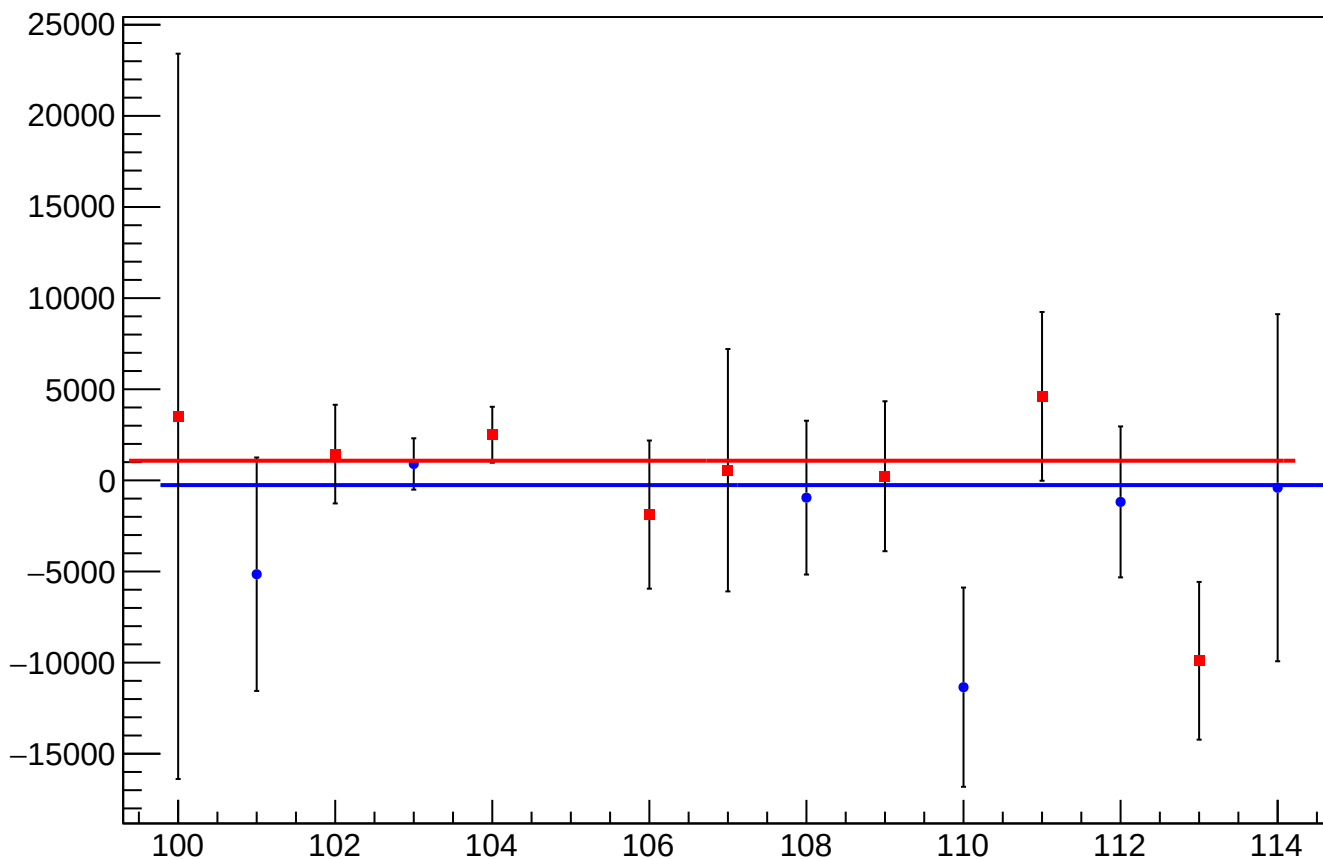
Right: 1037.129+/-0.385 χ^2/NDF : 3960060.9/13

In: 1662.619+/-0.819 χ^2/NDF :806660.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1037.129+/-0.385 χ^2/NDF : 3960060.9/13

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

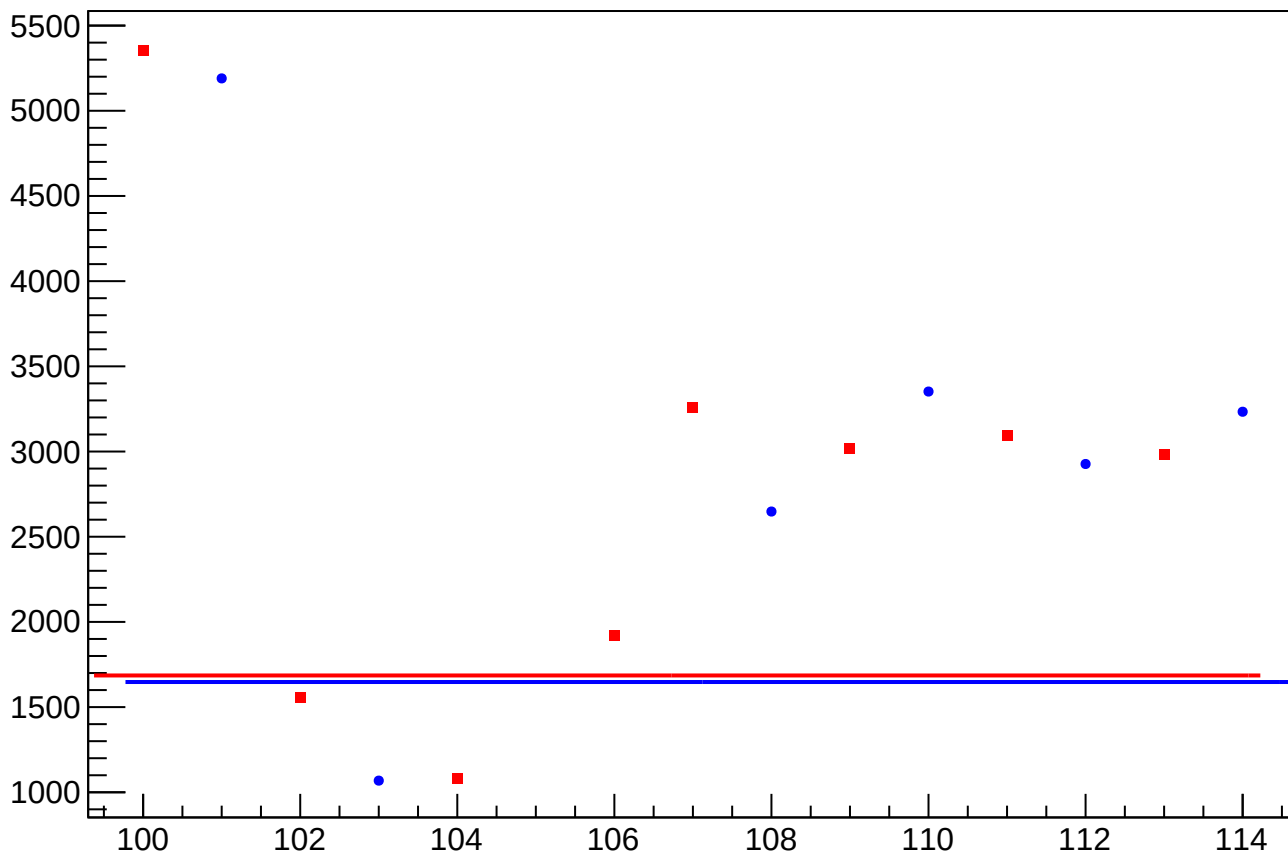
Right: 462.901+/-818.172 χ^2/NDF : 14.6/13

In: -259.128+/-1206.200 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.901+/-818.172 χ^2/NDF : 14.6/13

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1647.272+/-0.853 χ^2/NDF : 1503077.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1685.703+/-0.784 χ^2/NDF : 1076482.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

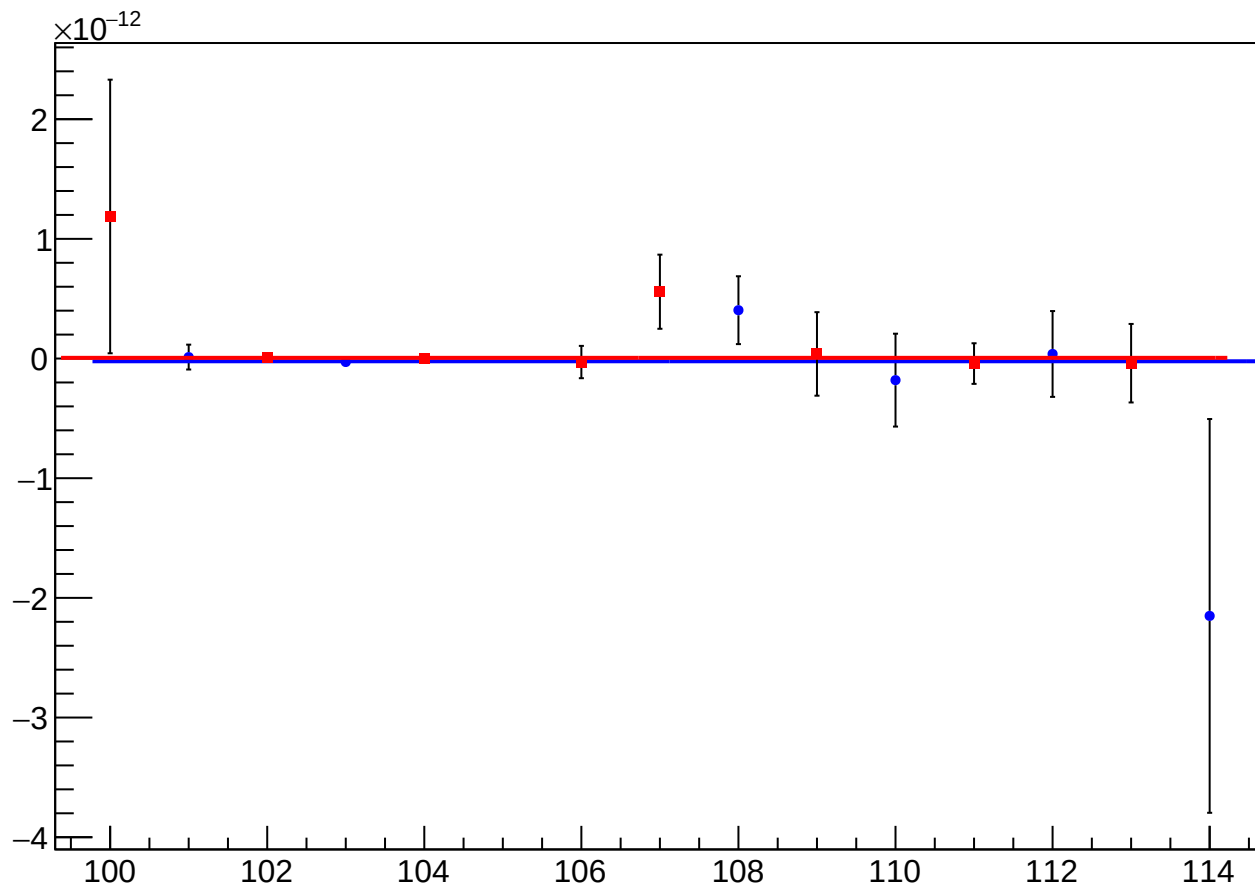
Right: 1668.091+/-0.577 χ^2/NDF : 2580659.5/13

In: 1647.272+/-0.853 χ^2/NDF : 1503077.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.091+/-0.577 χ^2/NDF : 2580659.5/13

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

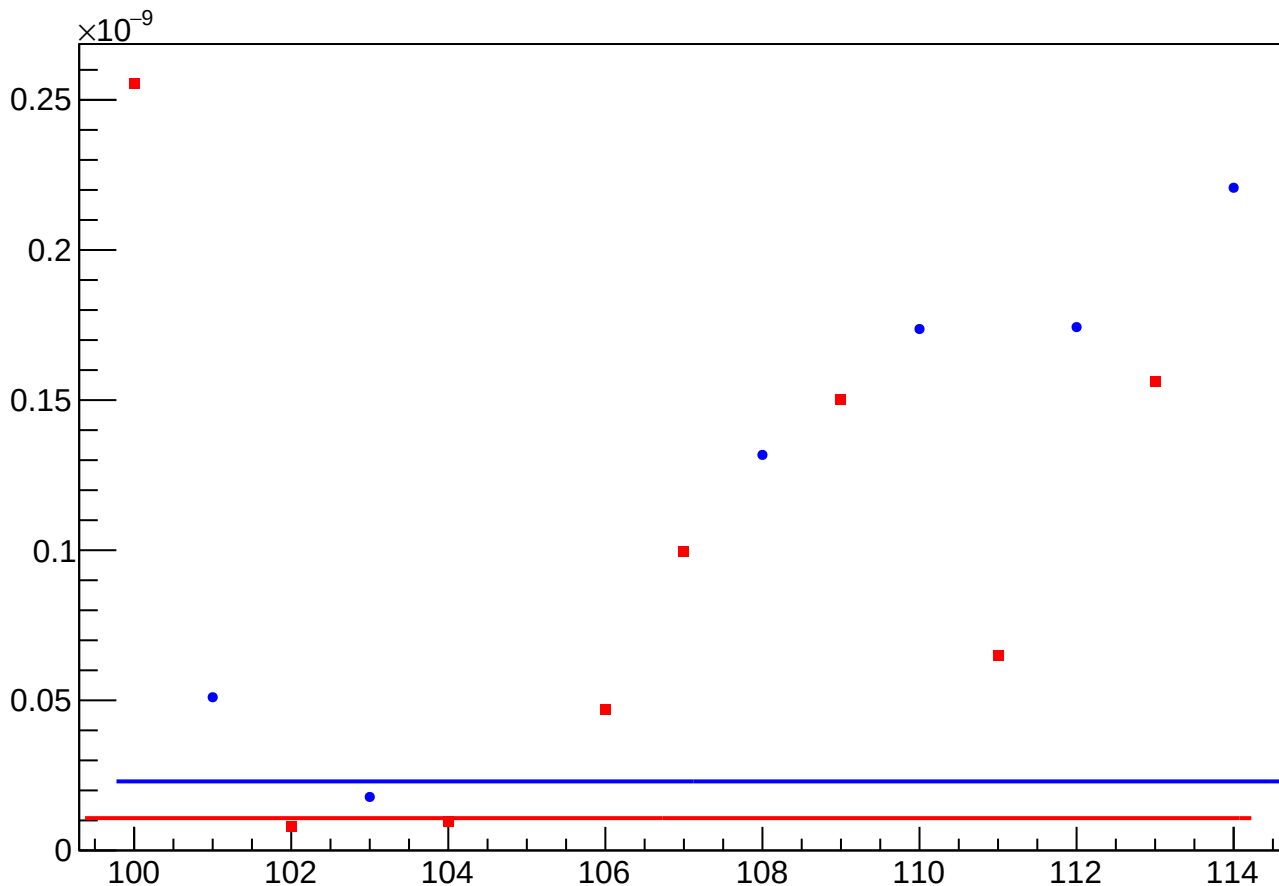
Right: -0.000+/-0.000 χ^2/NDF : 9.6/13

In: -0.000+/-0.000 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/13

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

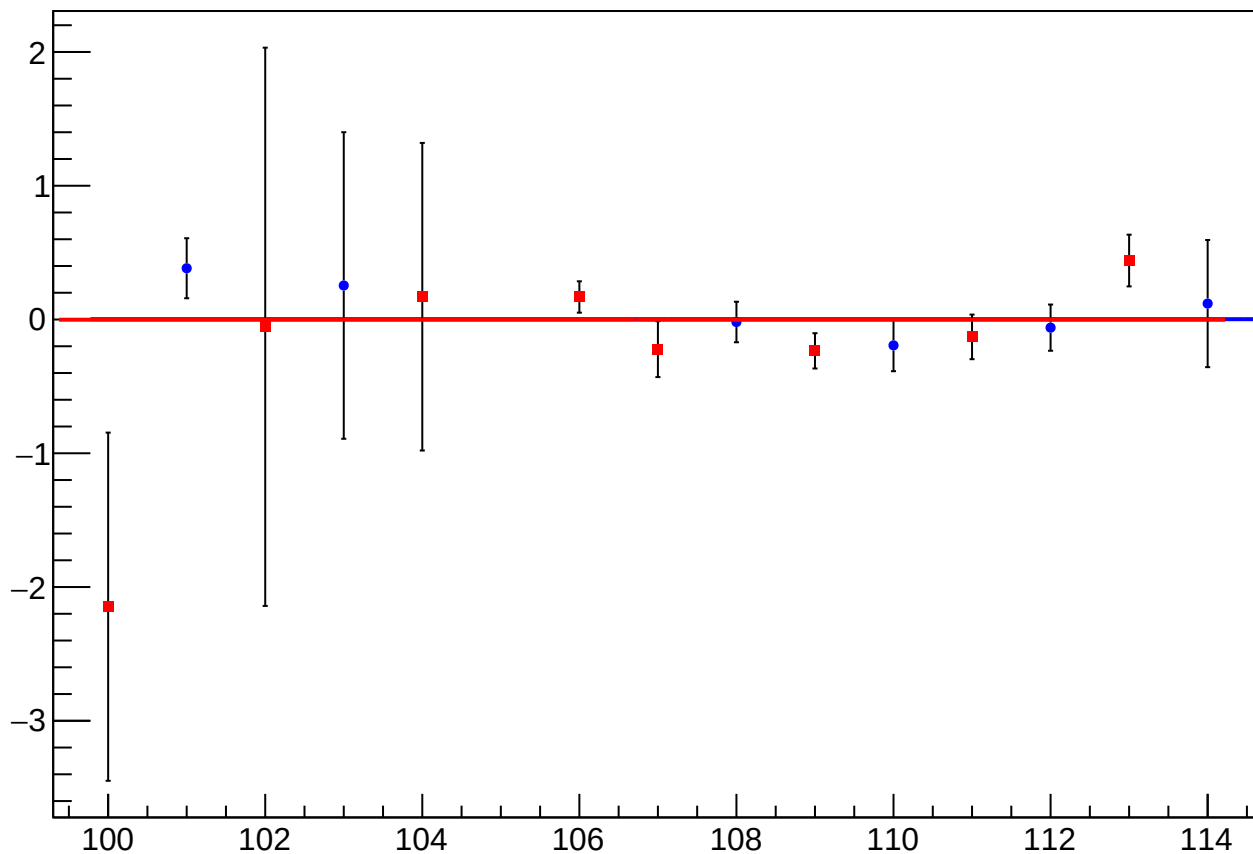
Right: 0.000+/-0.000 χ^2/NDF : 2839751.0/13

In: 0.000+/-0.000 χ^2/NDF : 1190852.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2839751.0/13

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

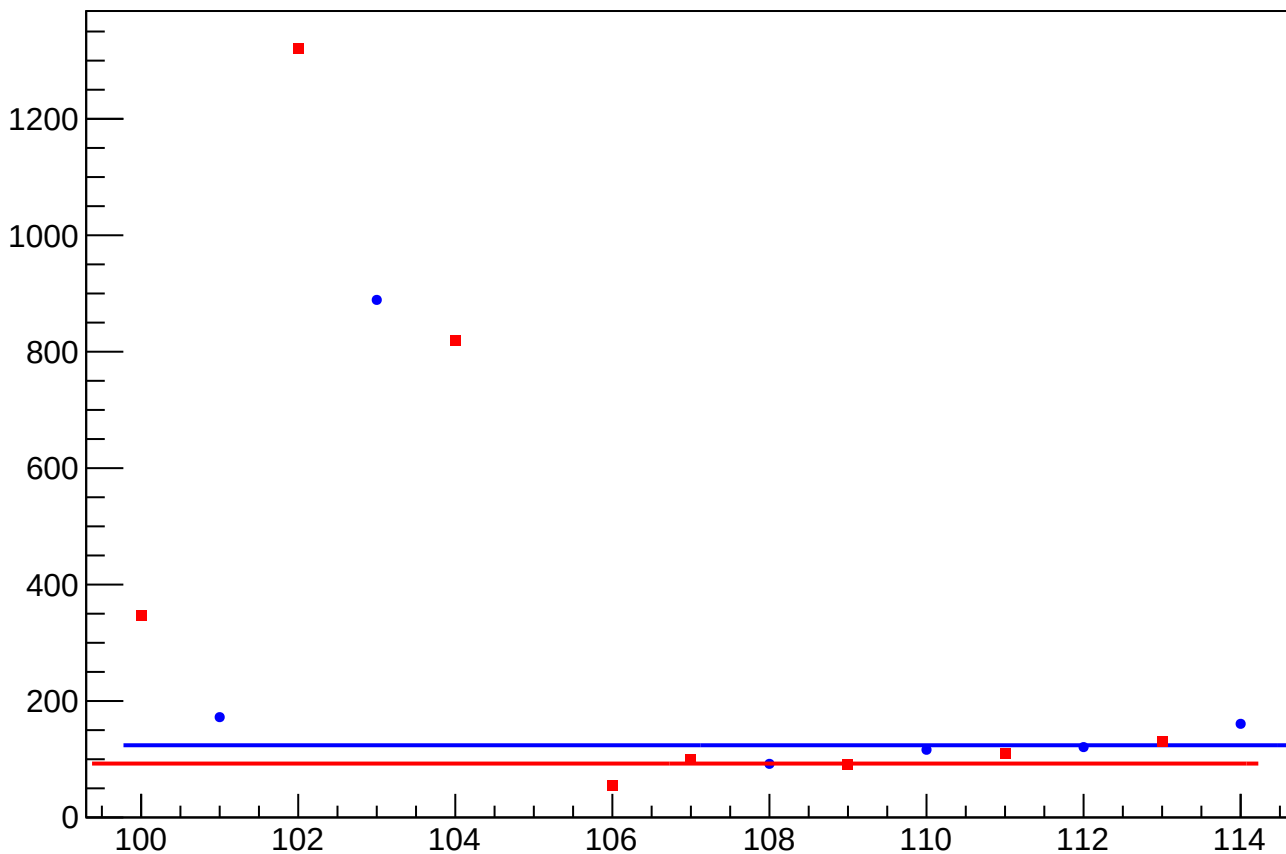
Right: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

In: 0.002 $\pm$ 0.088 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

asym_us_avg_atlr_avg_dd_dit_vs_slug, Sign Corrected



Right In: 124.012+/-0.062 χ^2/NDF : 1088678.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.564+/-0.048 χ^2/NDF : 1874251.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

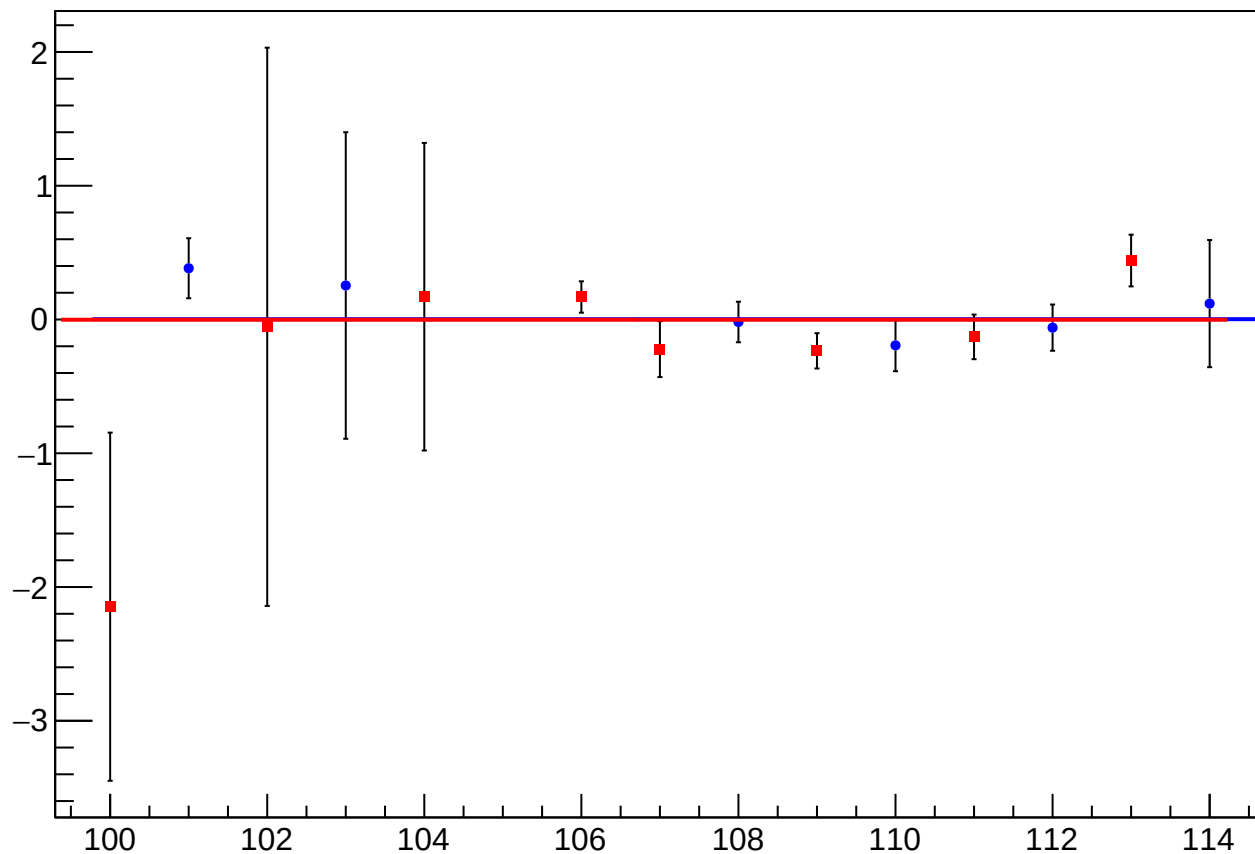
Right: 104.270+/-0.038 χ^2/NDF : 3122984.5/13

In: 124.012+/-0.062 χ^2/NDF : 1088678.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.270+/-0.038 χ^2/NDF : 3122984.5/13

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

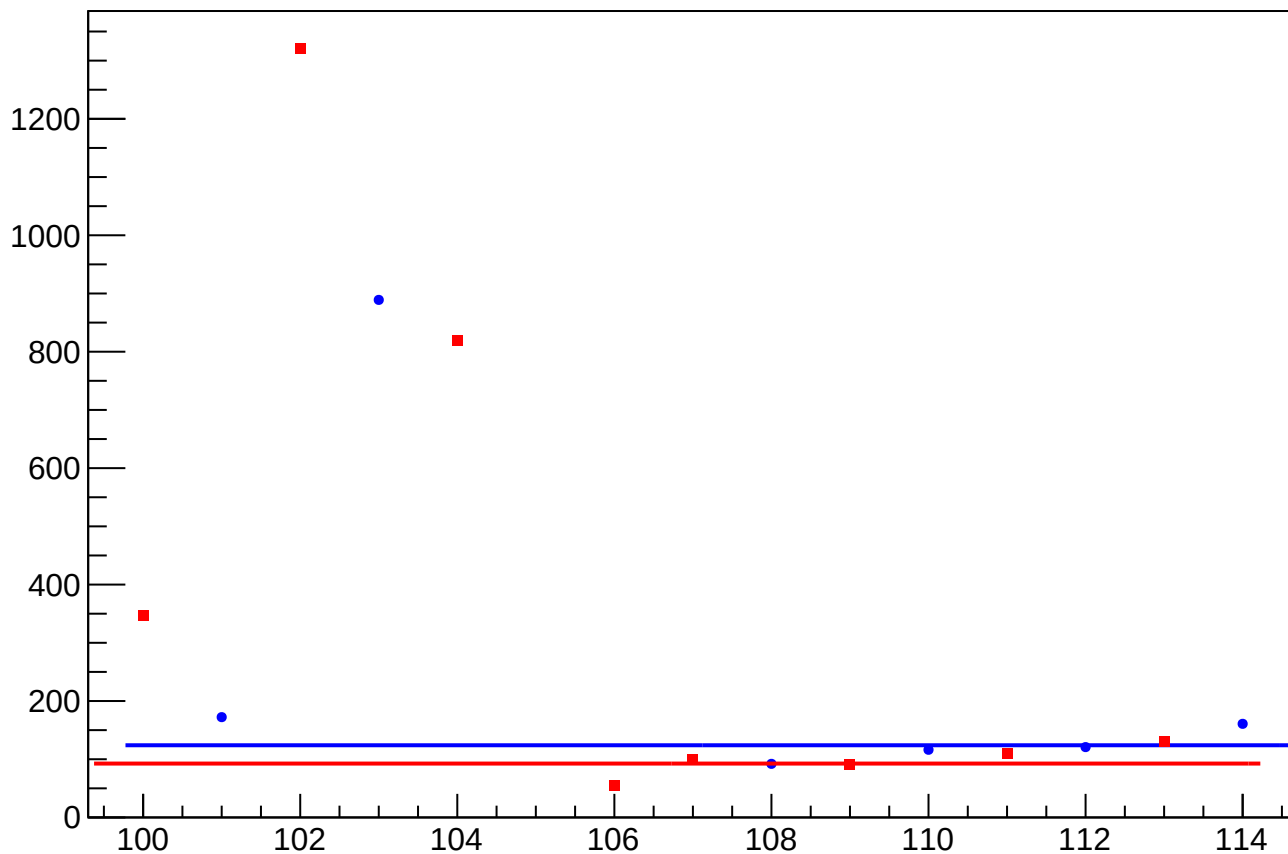
Right: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

In: 0.002 $\pm$ 0.088 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

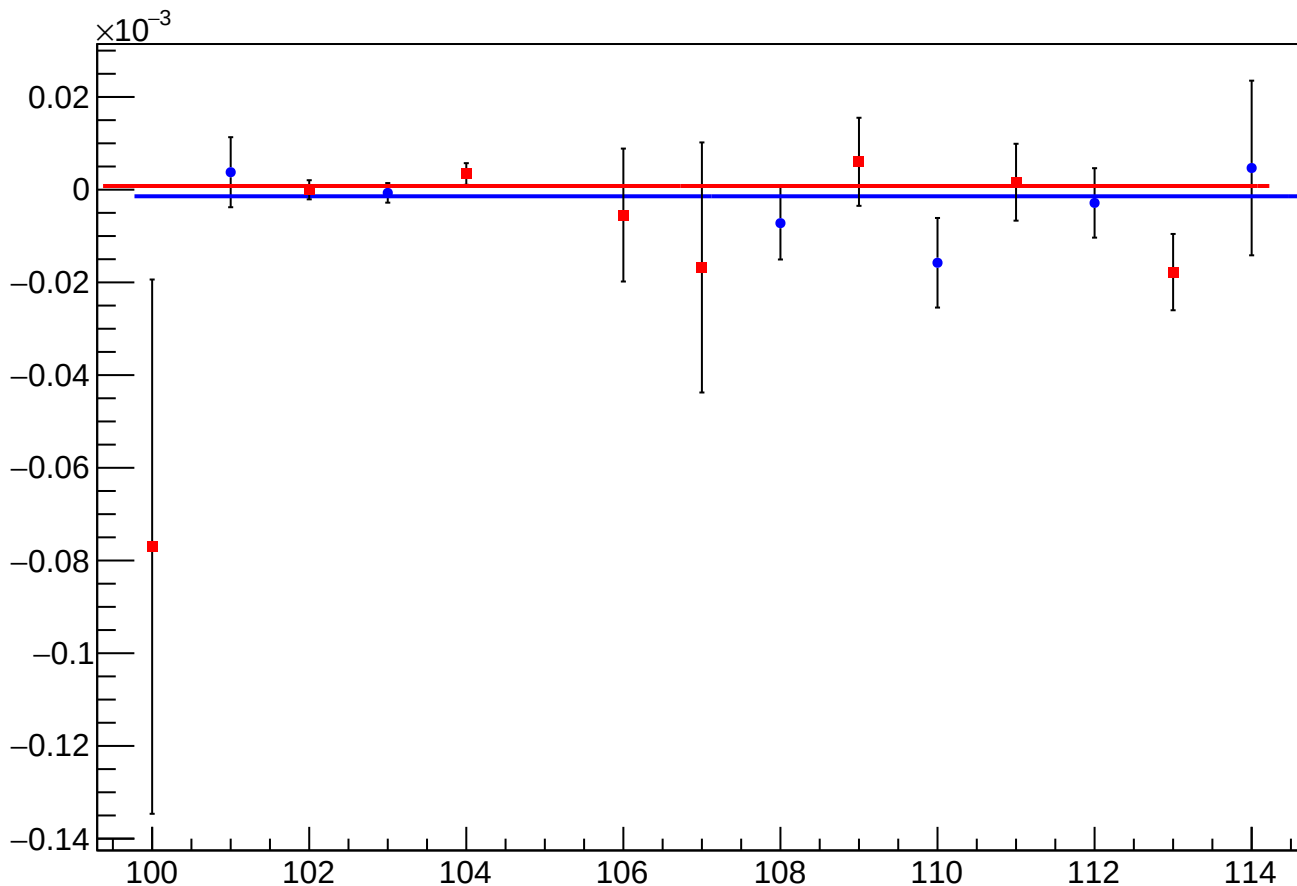
Right: 104.270 $\pm$ 0.038 χ^2 /NDF: 3122984.5/13

In: 124.012 $\pm$ 0.062 χ^2 /NDF:1088678.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.270 $\pm$ 0.038 χ^2 /NDF: 3122984.5/13

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

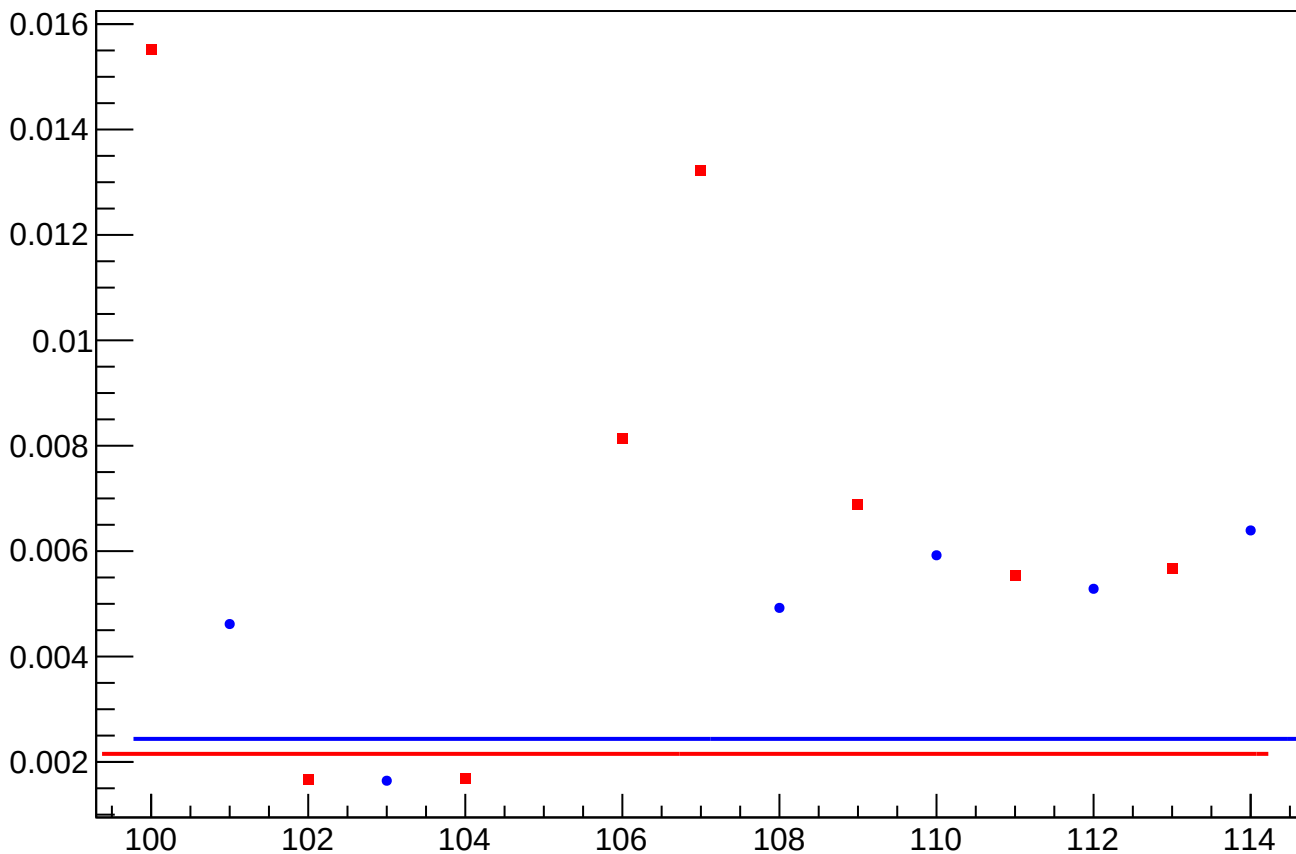
Right: -0.000+/-0.000 χ^2 /NDF: 13.6/13

In: -0.000+/-0.000 χ^2 /NDF:3.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.6/13

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

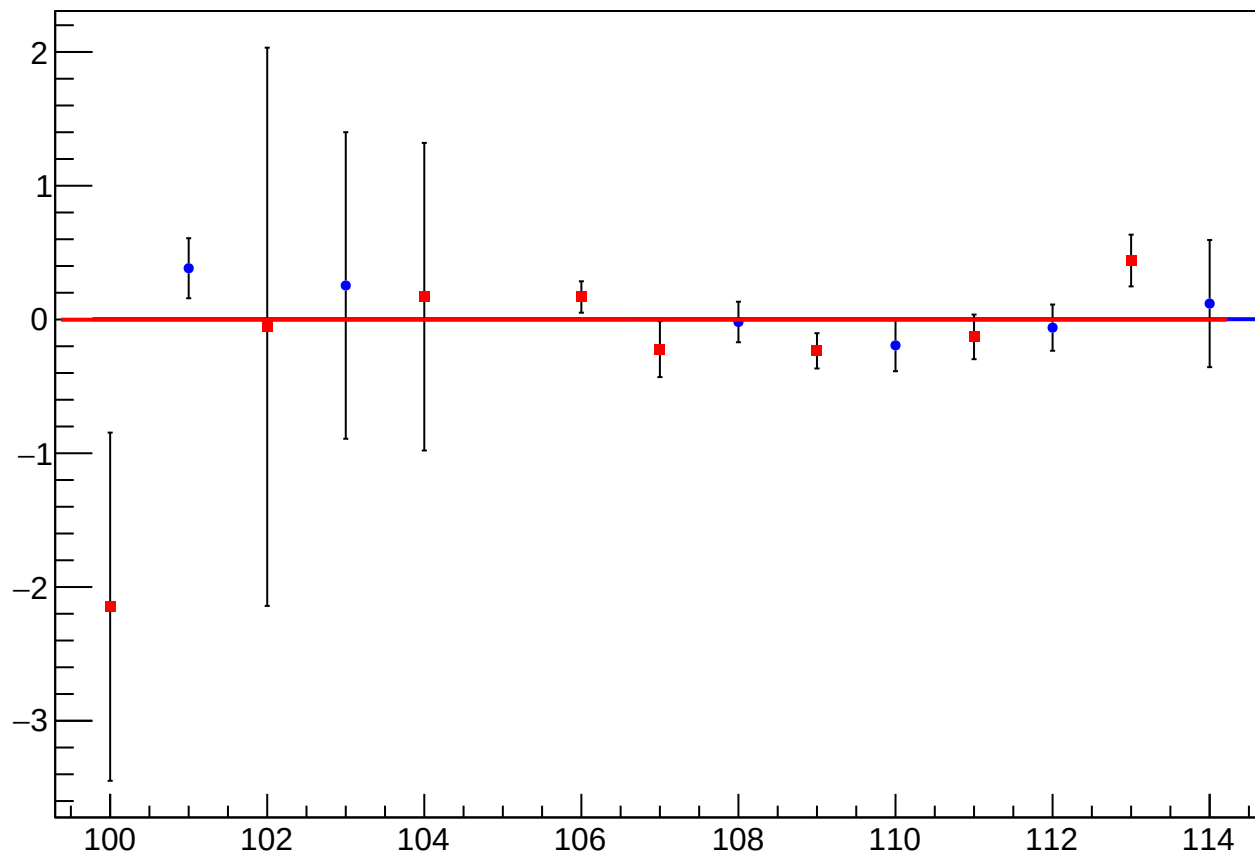
Right: 0.002+/-0.000 χ^2/NDF : 3496787.6/13

In: 0.002+/-0.000 χ^2/NDF : 1286610.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3496787.6/13

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

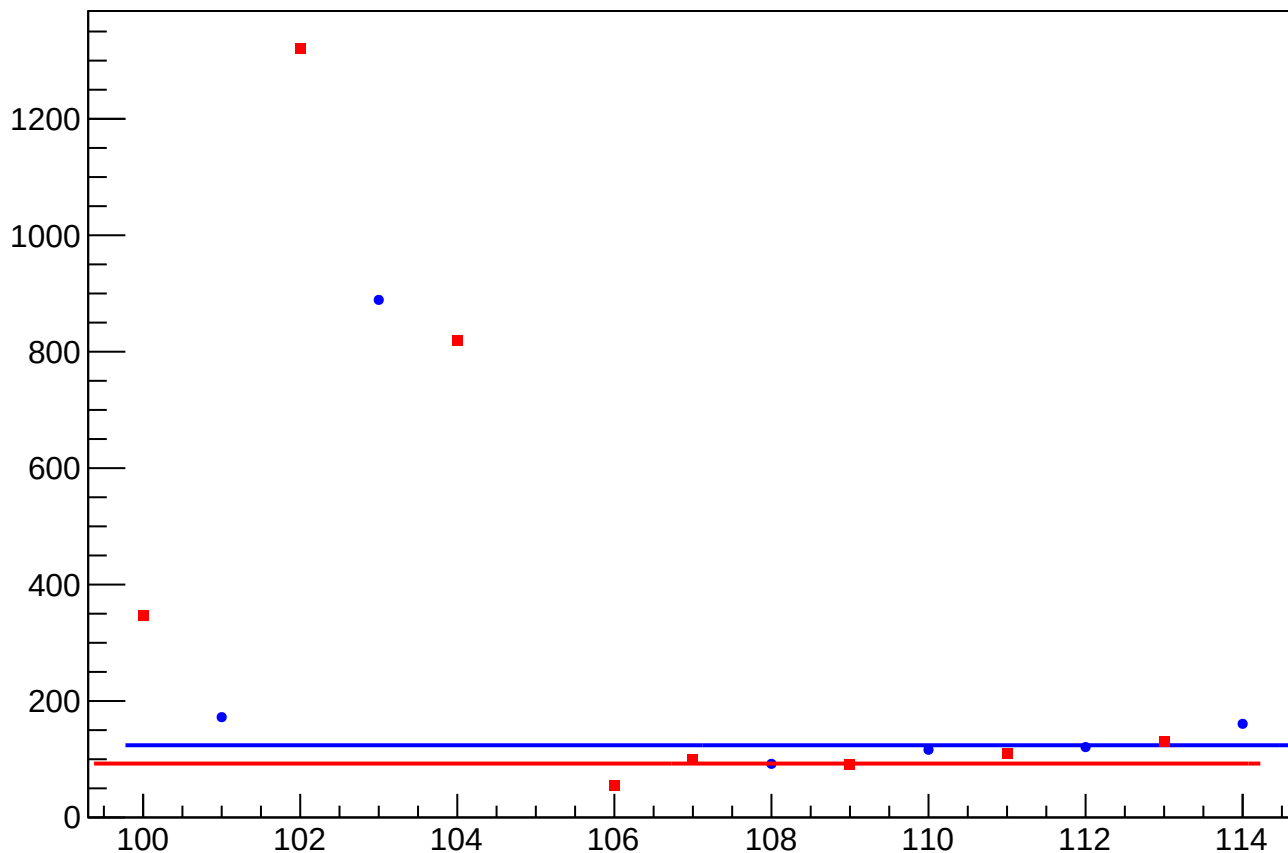
Right: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

In: 0.002 $\pm$ 0.088 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

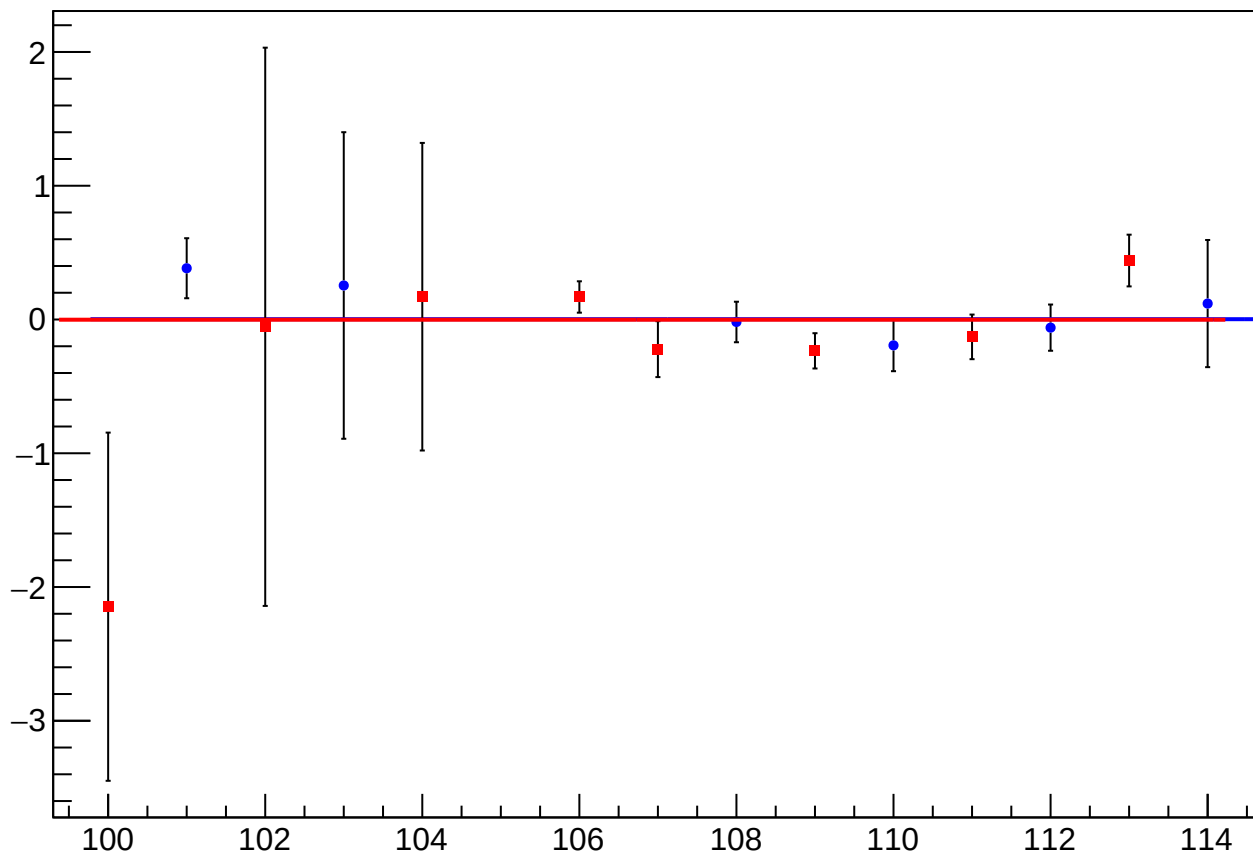
Right: 104.269 $\pm$ 0.038 χ^2 /NDF: 3123073.4/13

In: 124.013 $\pm$ 0.062 χ^2 /NDF:1088655.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.269 $\pm$ 0.038 χ^2 /NDF: 3123073.4/13

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

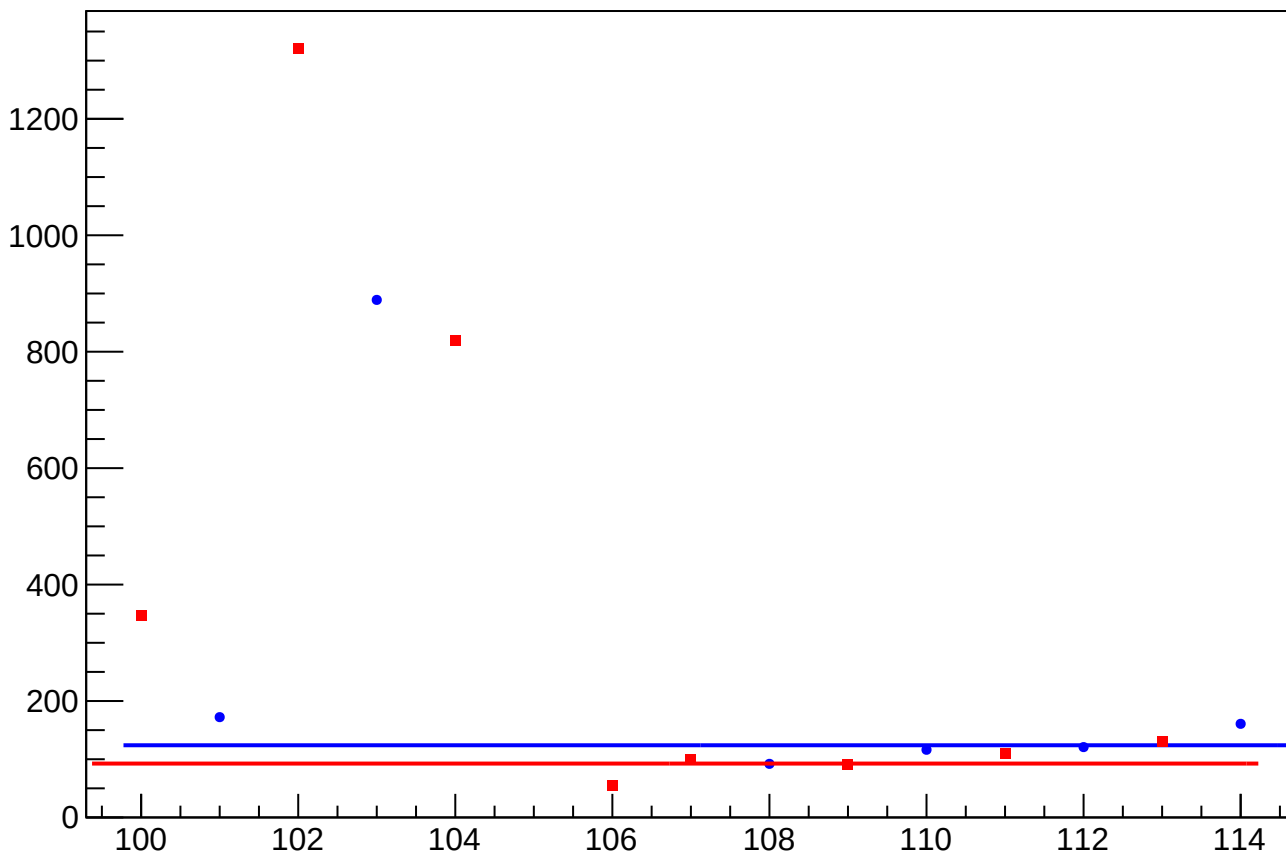
Right: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

In: 0.002 $\pm$ 0.088 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.054 χ^2 /NDF: 19.1/13

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

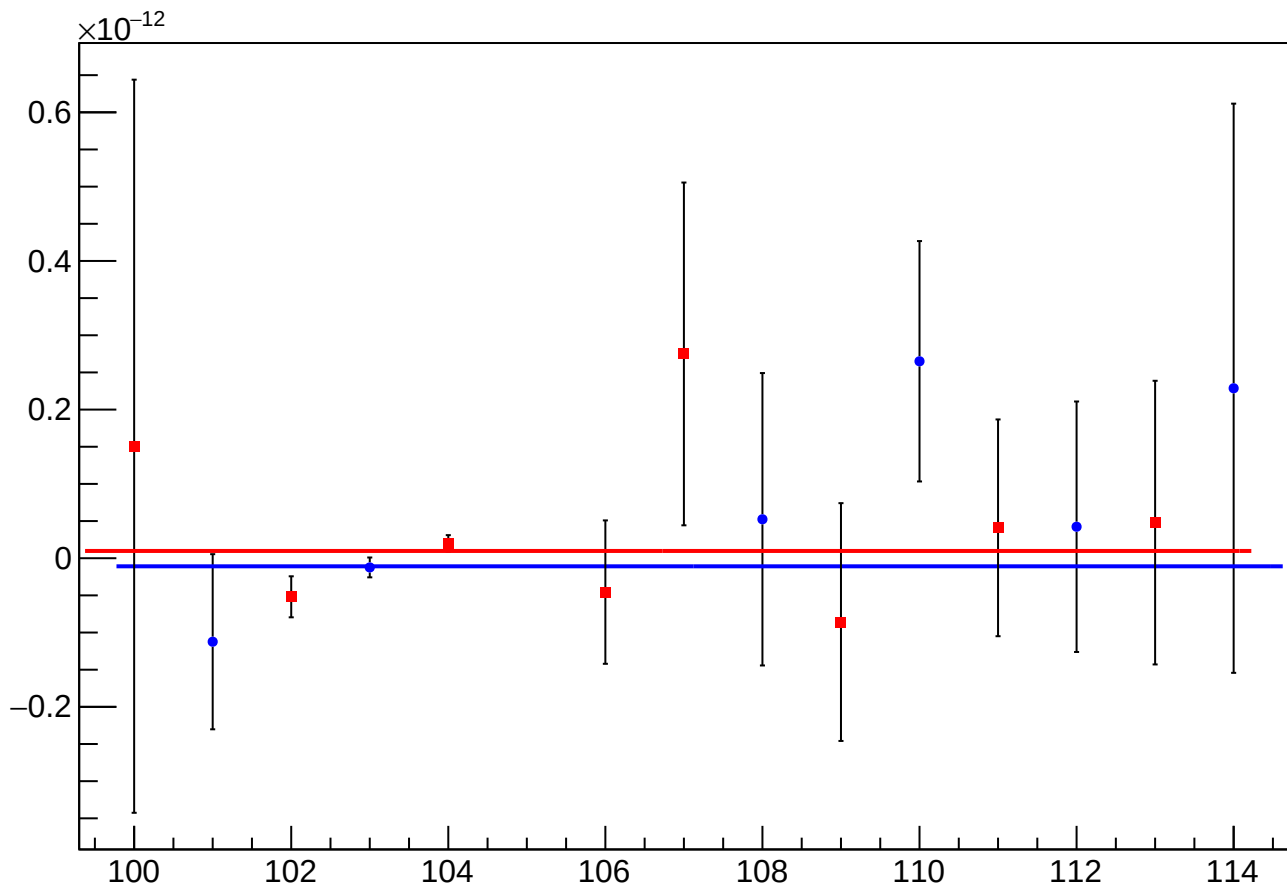
Right: 104.269 $\pm$ 0.038 χ^2 /NDF: 3123073.4/13

In: 124.013 $\pm$ 0.062 χ^2 /NDF:1088655.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.269 $\pm$ 0.038 χ^2 /NDF: 3123073.4/13

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

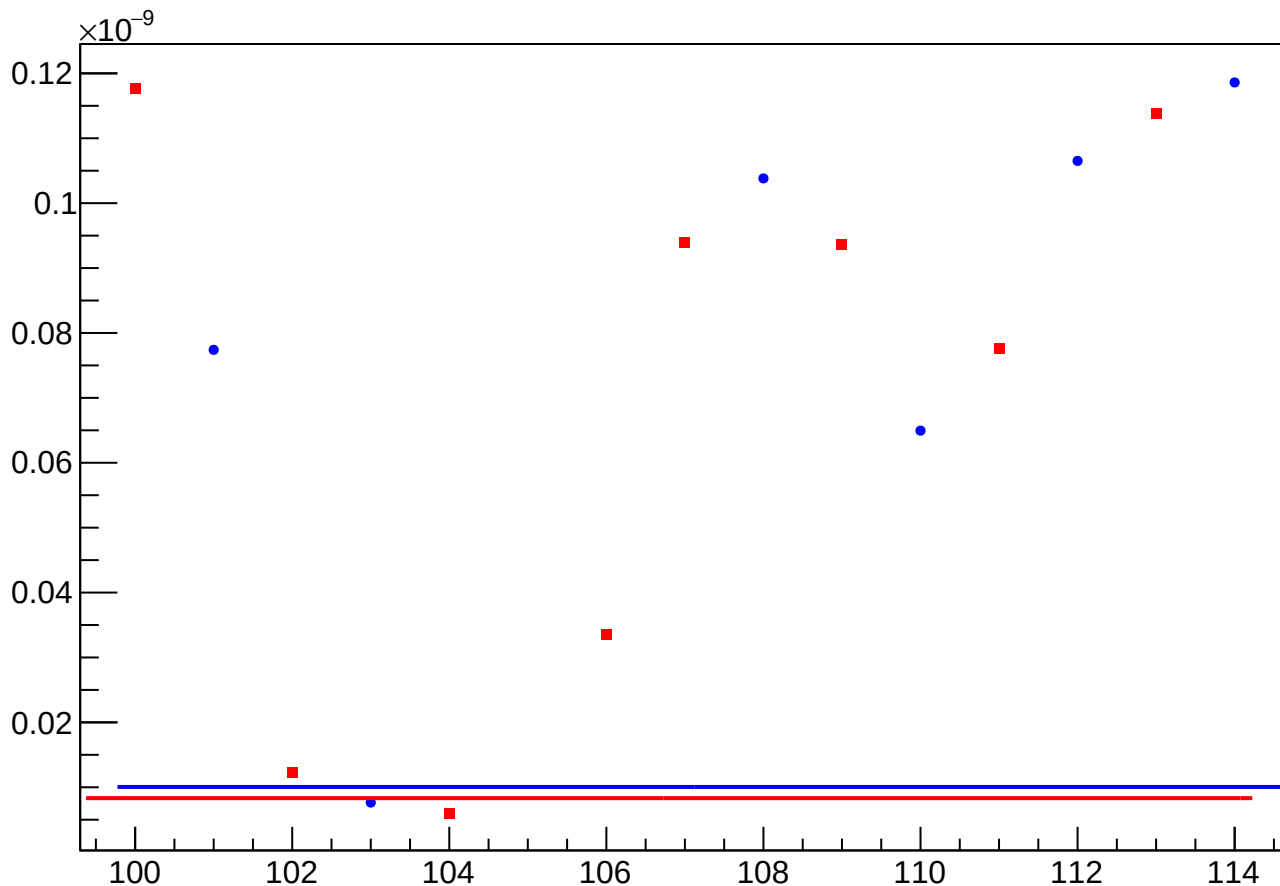
Right: 0.000+/-0.000 χ^2/NDF : 13.8/13

In: -0.000+/-0.000 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/13

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

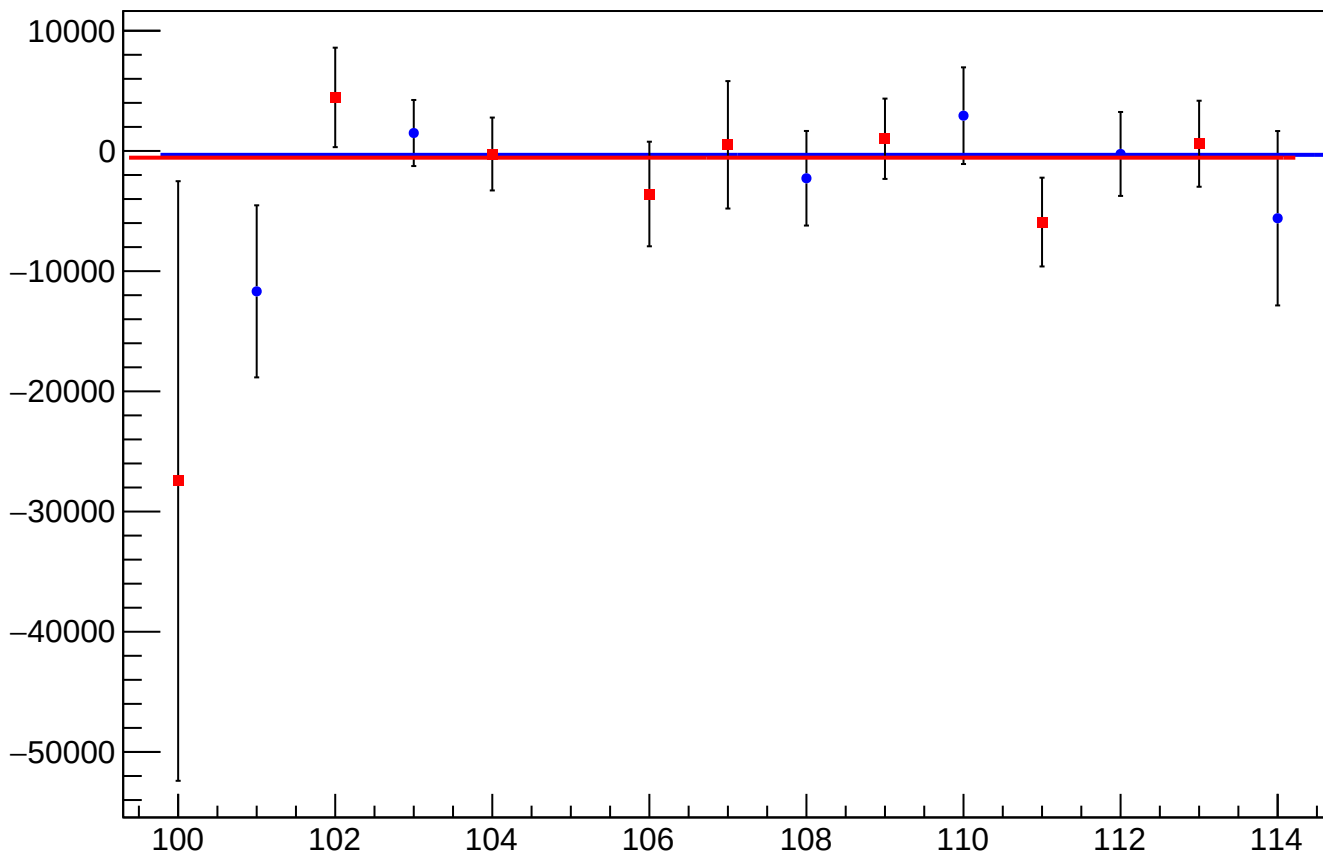
Right: 0.000+/-0.000 χ^2/NDF : 4518512.7/13

In: 0.000+/-0.000 χ^2/NDF : 2219167.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4518512.7/13

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

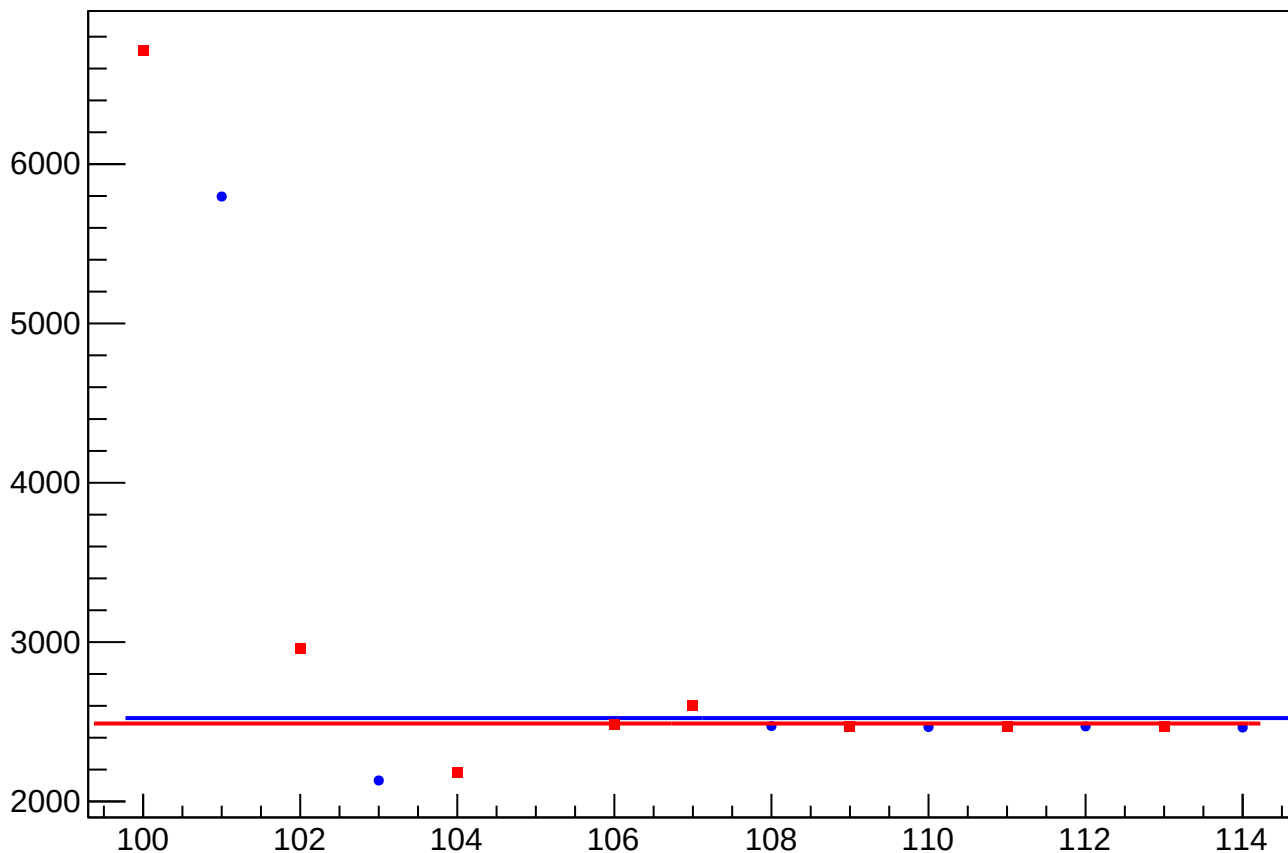
Right: -457.093+/-1067.486 χ^2/NDF : 10.0/13

In: -322.700+/-1623.650 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.093+/-1067.486 χ^2/NDF : 10.0/13

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2523.147+/-1.148 χ^2/NDF : 460178.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2489.016+/-1.002 χ^2/NDF : 104713.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

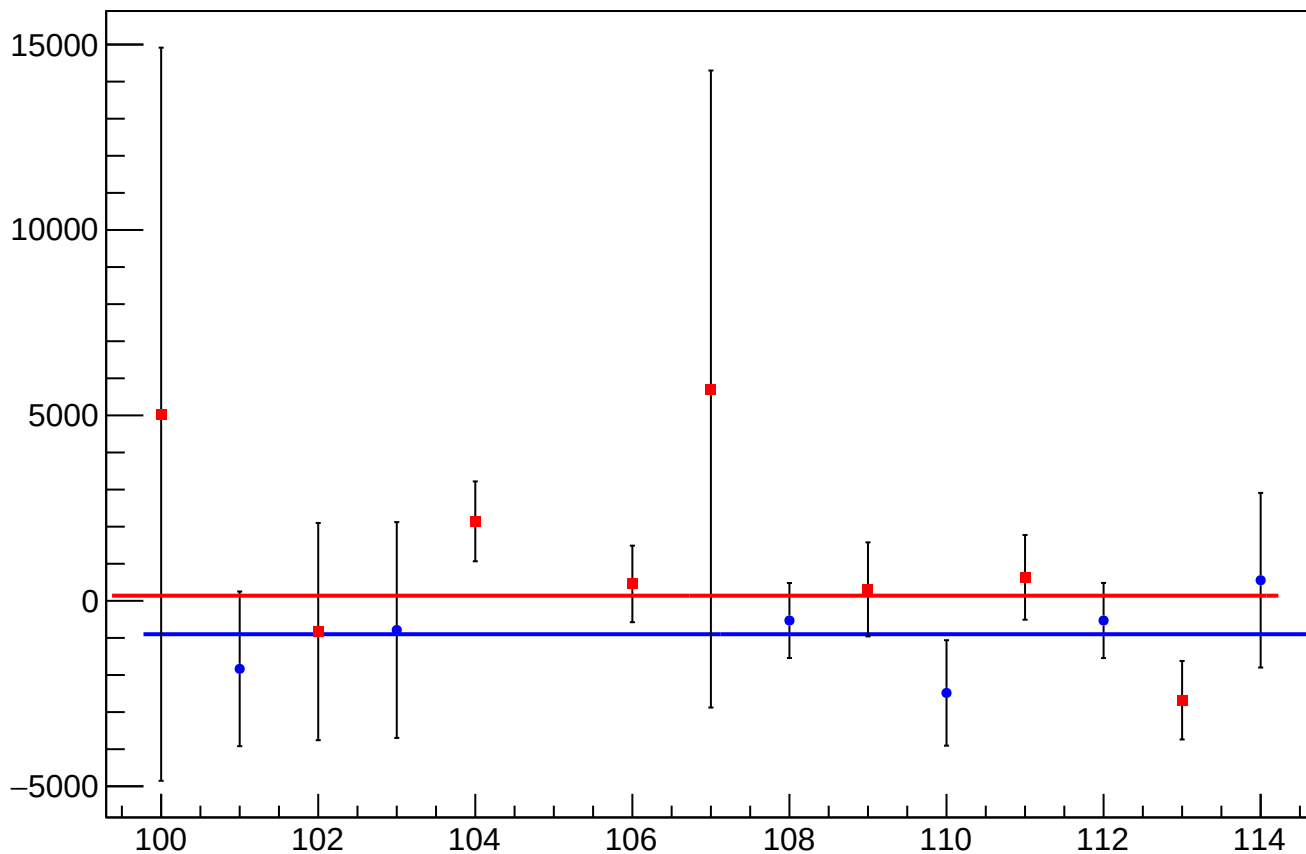
Right: 2503.769+/-0.755 χ^2/NDF : 565393.1/13

In: 2523.147+/-1.148 χ^2/NDF : 460178.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2503.769+/-0.755 χ^2/NDF : 565393.1/13

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

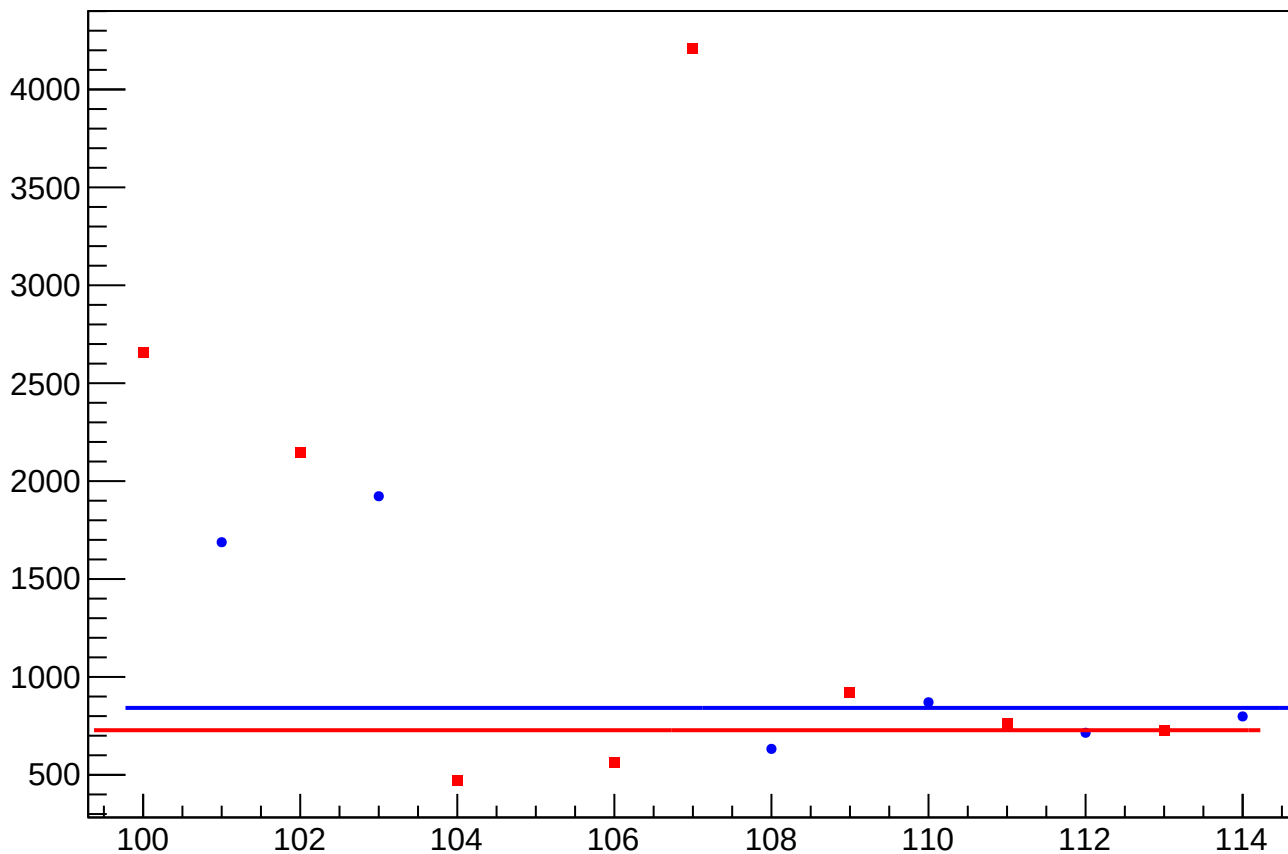
Right: -290.229+/-372.640 χ^2/NDF : 15.6/13

In: -899.927+/-579.708 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.229+/-372.640 χ^2/NDF : 15.6/13

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

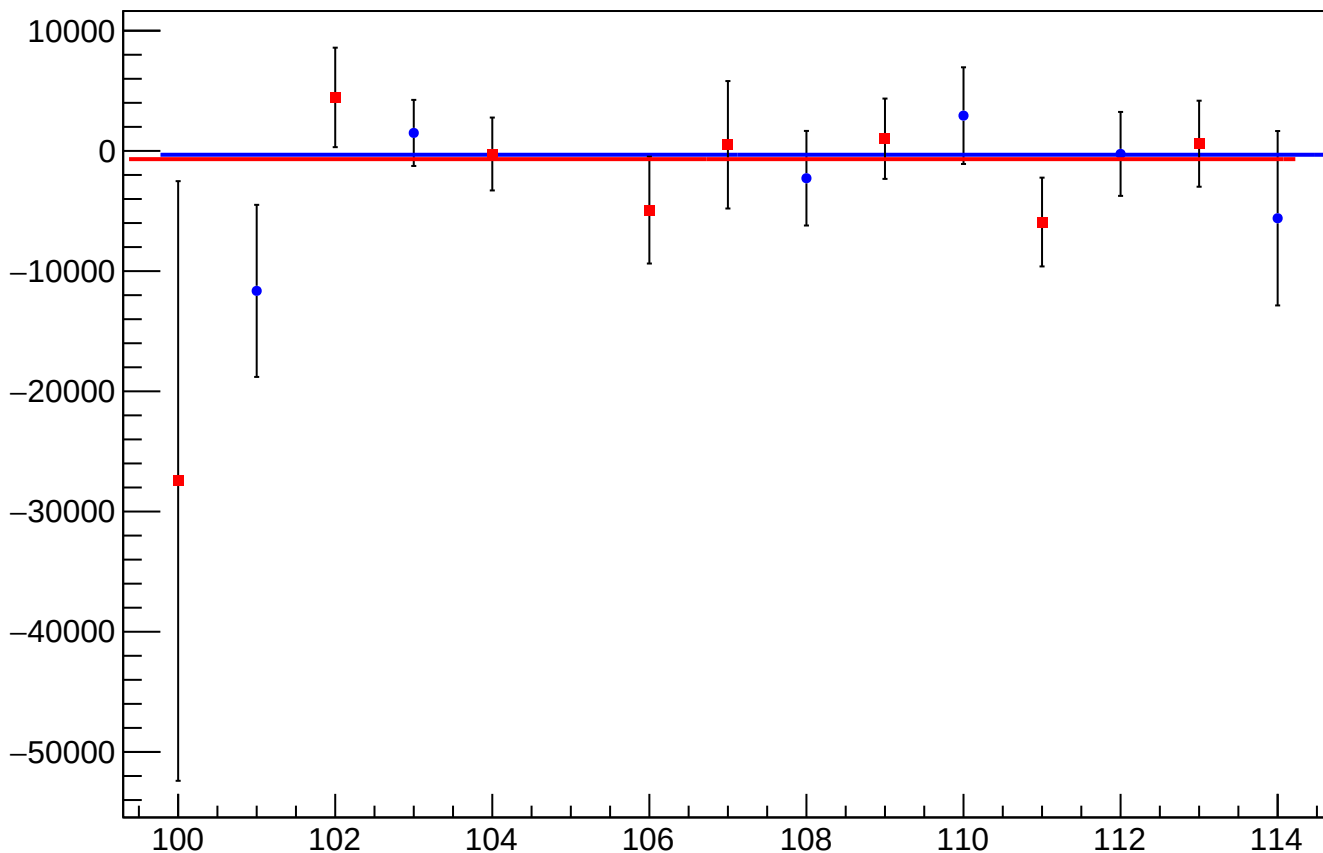
Right: 775.078+/-0.263 χ^2/NDF : 1857690.6/13

In: 841.959+/-0.410 χ^2/NDF : 723788.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.078+/-0.263 χ^2/NDF : 1857690.6/13

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

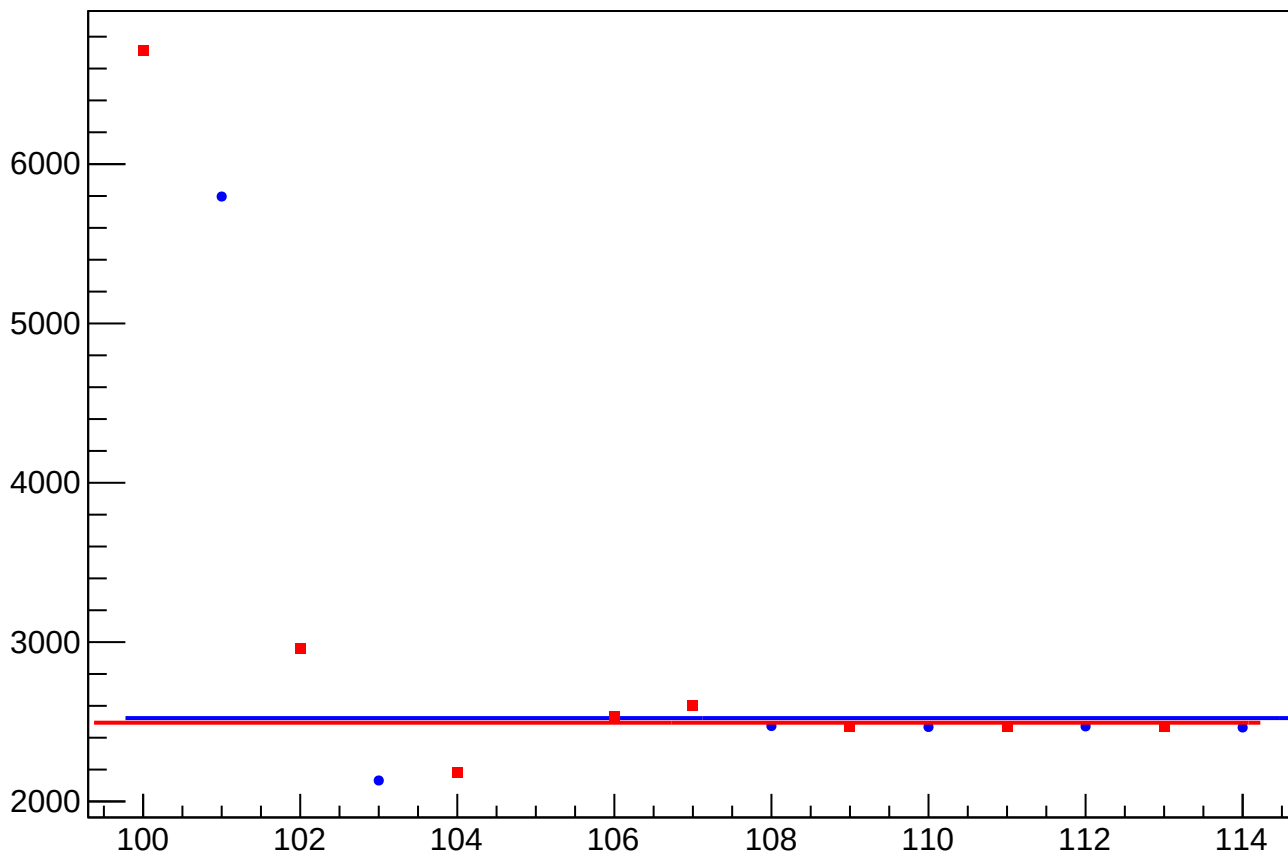
Right: -526.425+/-1068.822 χ^2/NDF : 10.5/13

In: -319.518+/-1623.651 χ^2/NDF :4.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -526.425+/-1068.822 χ^2/NDF : 10.5/13

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2523.147+/-1.148 χ^2/NDF : 460178.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2494.216+/-1.004 χ^2/NDF : 104893.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

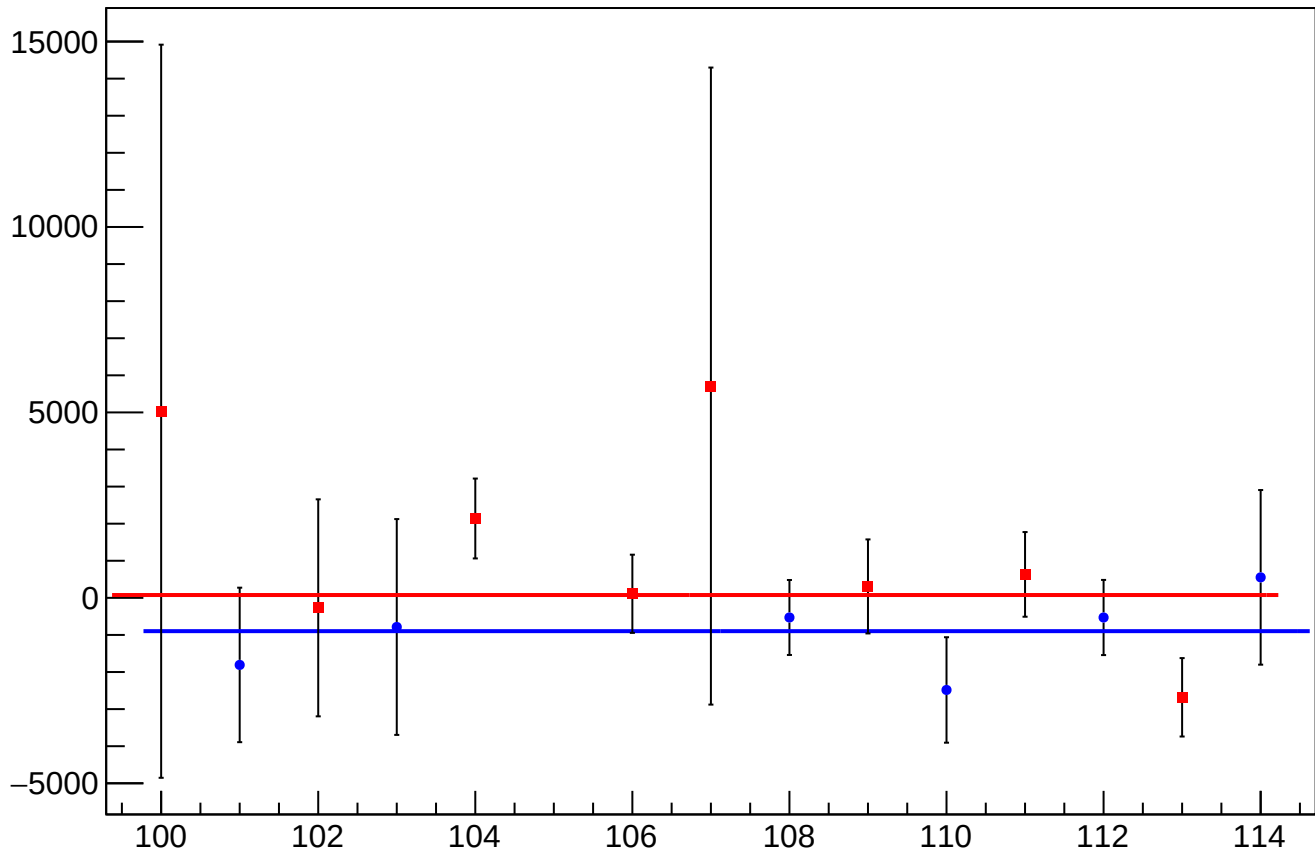
Right: 2506.753+/-0.756 χ^2/NDF : 565431.4/13

In: 2523.147+/-1.148 χ^2/NDF : 460178.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.753+/-0.756 χ^2/NDF : 565431.4/13

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -897.912+/-579.659 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.242+/-488.709 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

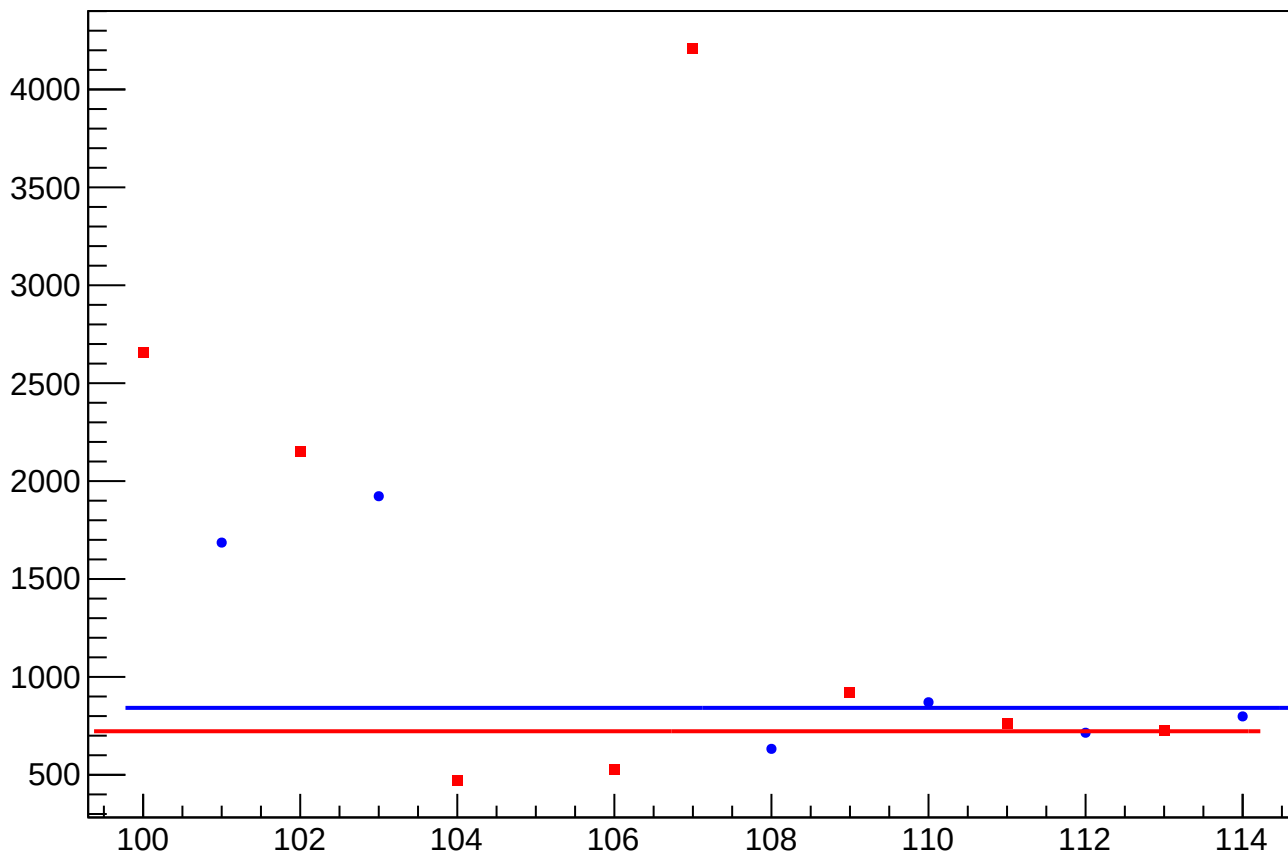
Right: -328.502+/-373.636 χ^2/NDF : 15.2/13

In: -897.912+/-579.659 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.502+/-373.636 χ^2/NDF : 15.2/13

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

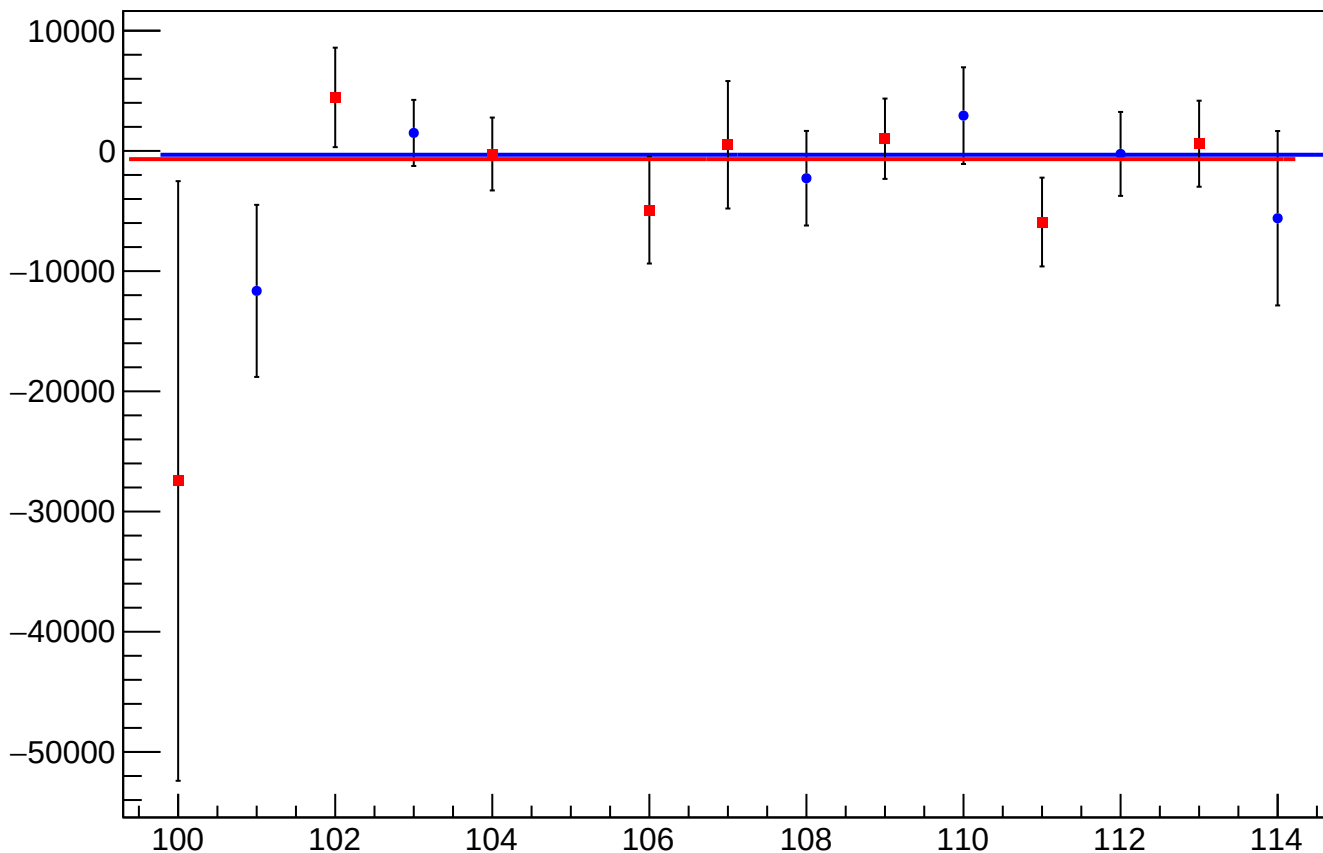
Right: 772.158+/-0.264 χ^2/NDF : 1883750.0/13

In: 841.967+/-0.410 χ^2/NDF : 722971.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.158+/-0.264 χ^2/NDF : 1883750.0/13

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

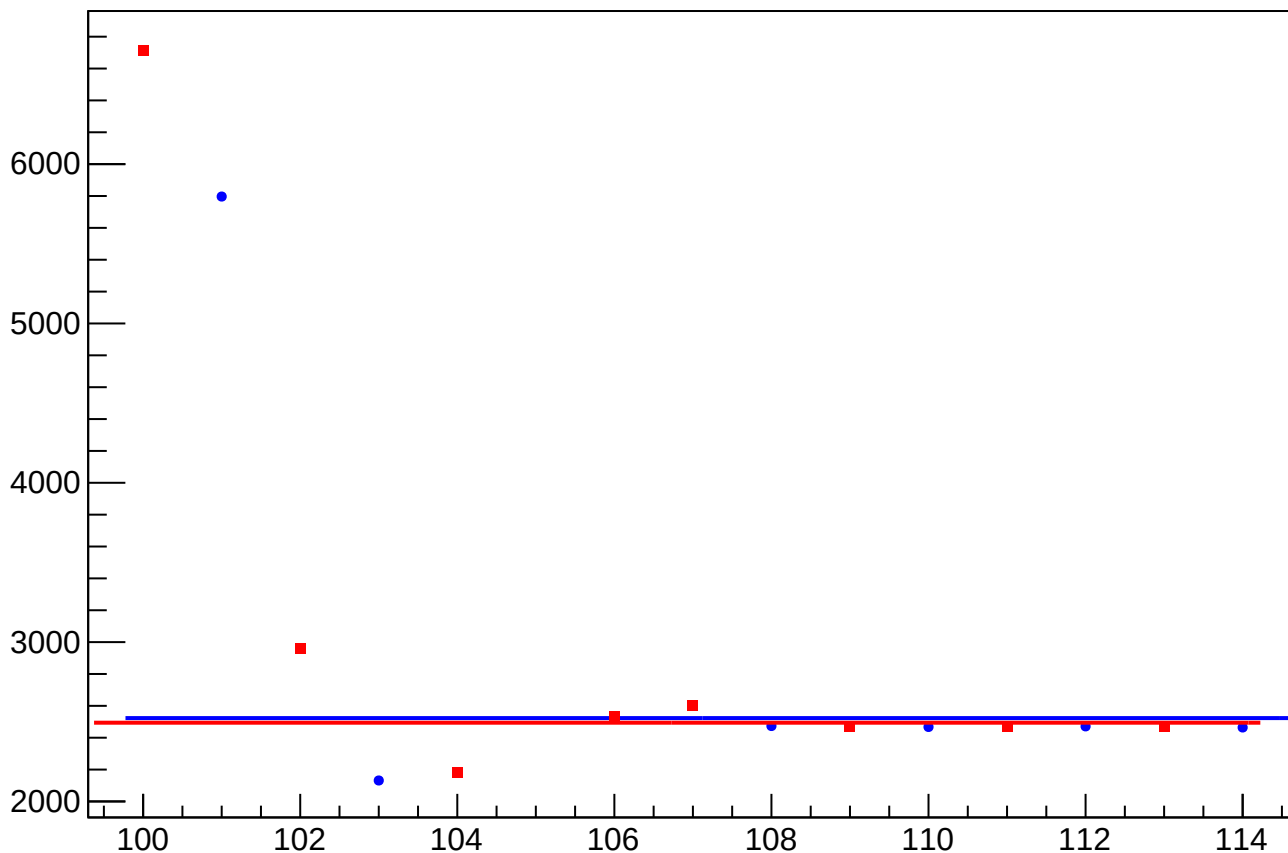
Right: -526.425+/-1068.822 χ^2/NDF : 10.5/13

In: -319.518+/-1623.651 χ^2/NDF :4.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -526.425+/-1068.822 χ^2/NDF : 10.5/13

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2523.147+/-1.148 χ^2/NDF : 460178.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2494.216+/-1.004 χ^2/NDF : 104893.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

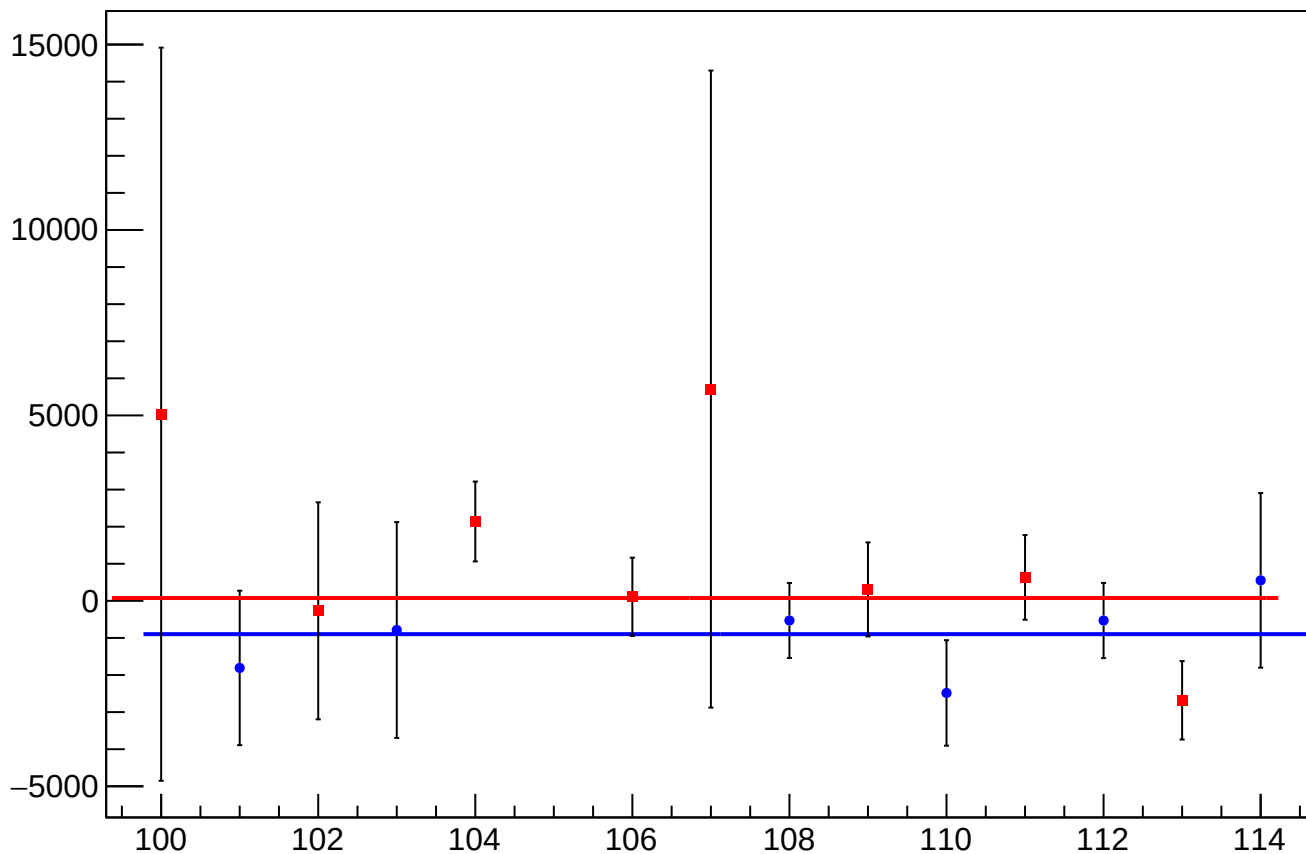
Right: 2506.753+/-0.756 χ^2/NDF : 565431.4/13

In: 2523.147+/-1.148 χ^2/NDF : 460178.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.753+/-0.756 χ^2/NDF : 565431.4/13

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -897.912+/-579.659 χ^2/NDF : 2.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.242+/-488.709 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

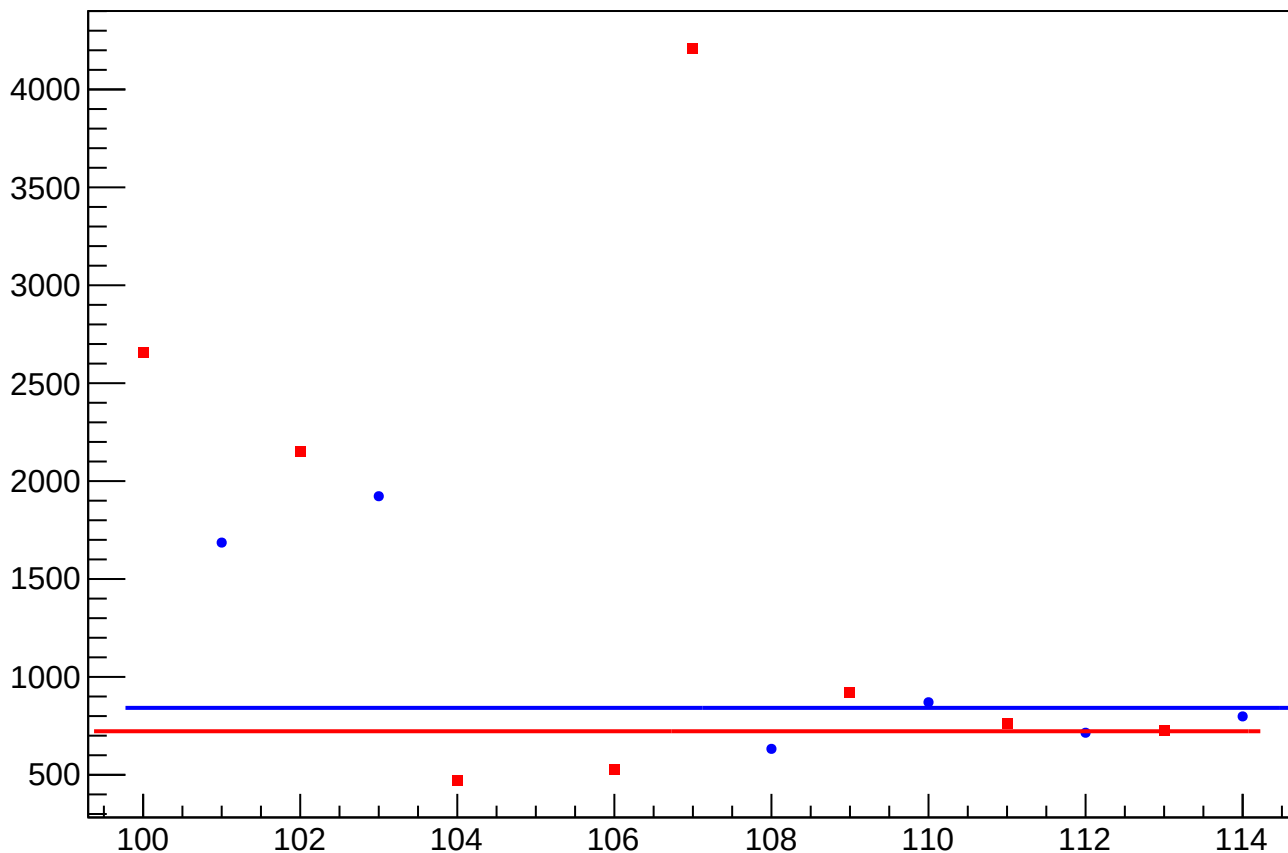
Right: -328.502+/-373.636 χ^2/NDF : 15.2/13

In: -897.912+/-579.659 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.502+/-373.636 χ^2/NDF : 15.2/13

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

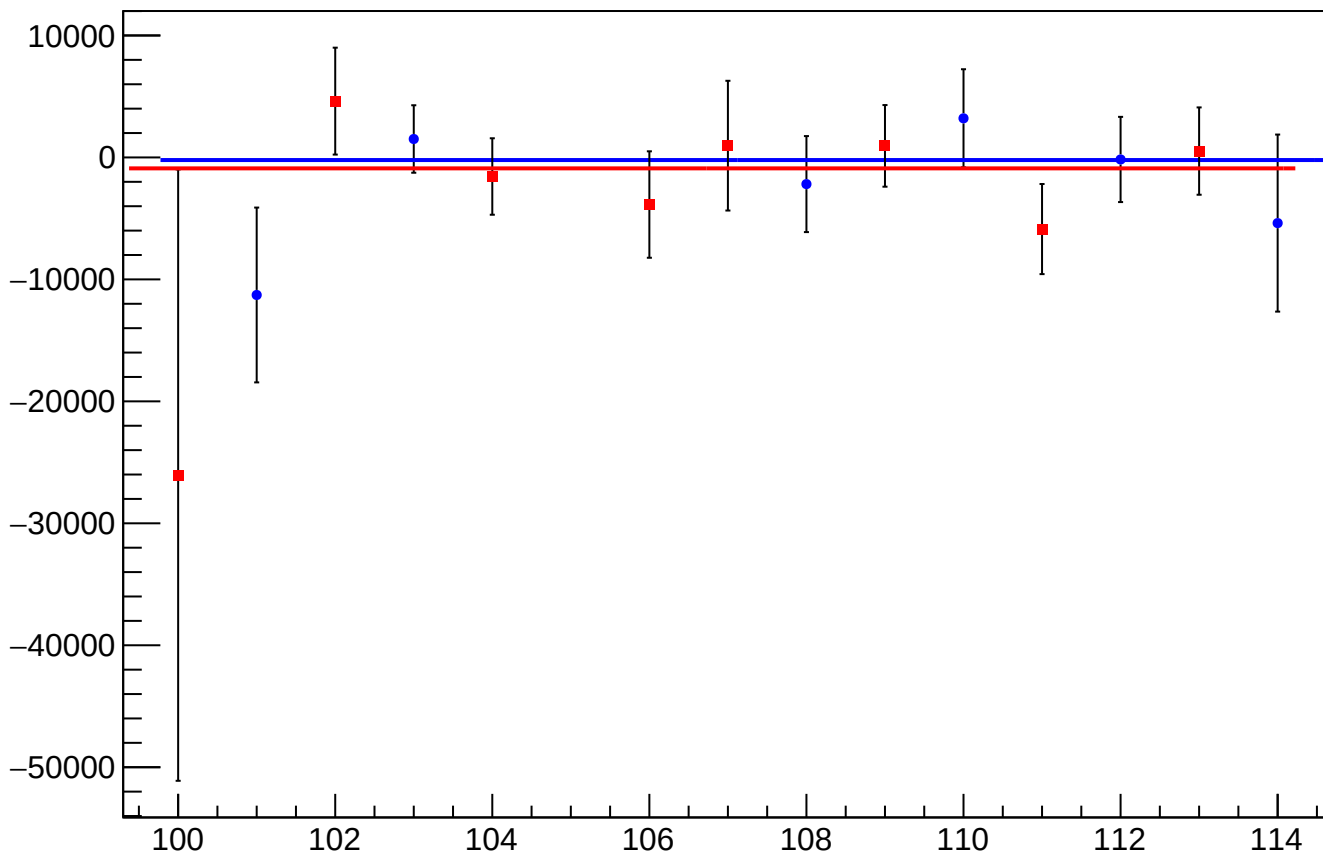
Right: 772.158+/-0.264 χ^2/NDF : 1883750.0/13

In: 841.967+/-0.410 χ^2/NDF : 722971.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.158+/-0.264 χ^2/NDF : 1883750.0/13

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

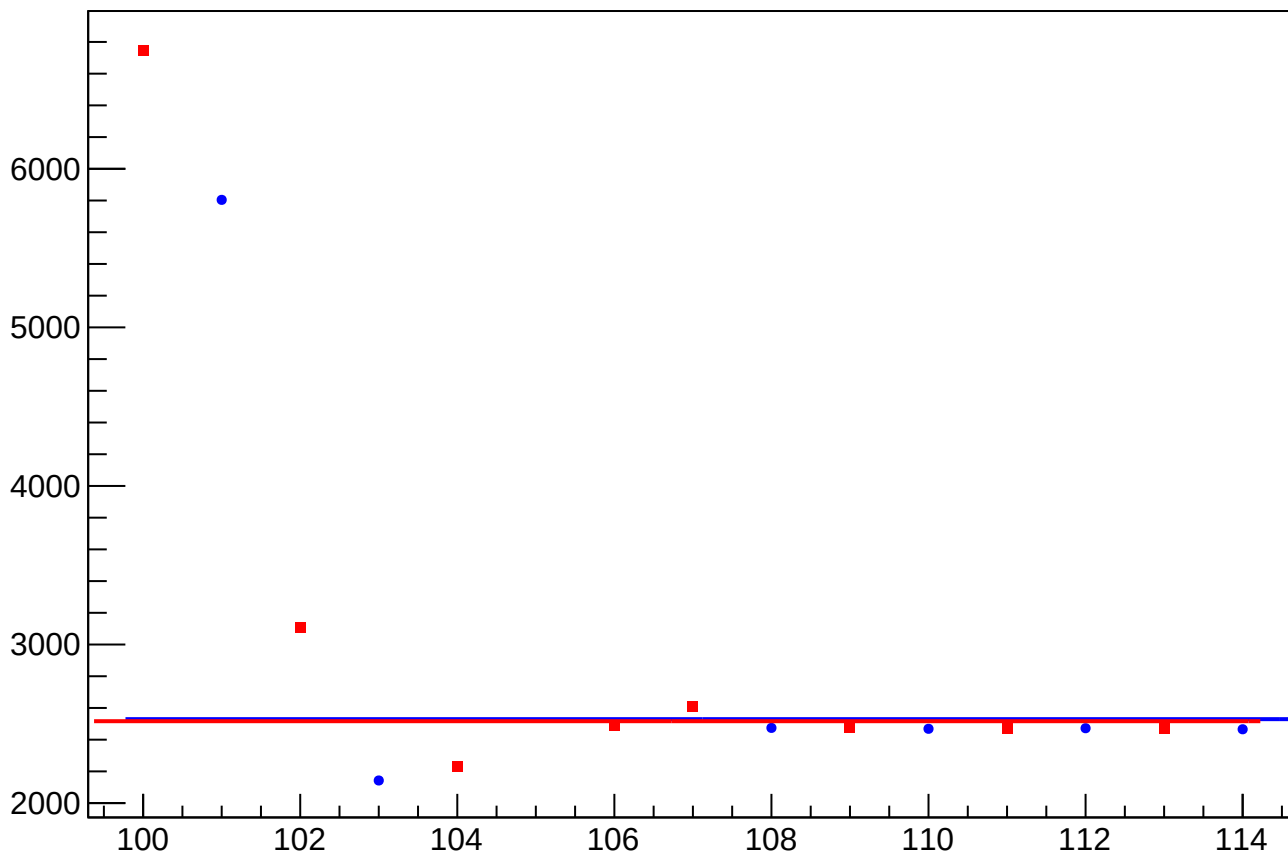
Right: -597.960+/-1077.589 χ^2/NDF : 9.8/13

In: -214.234+/-1627.921 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.960+/-1077.589 χ^2/NDF : 9.8/13

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2529.421+/-1.151 χ^2/NDF : 458160.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2516.503+/-1.017 χ^2/NDF : 111945.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

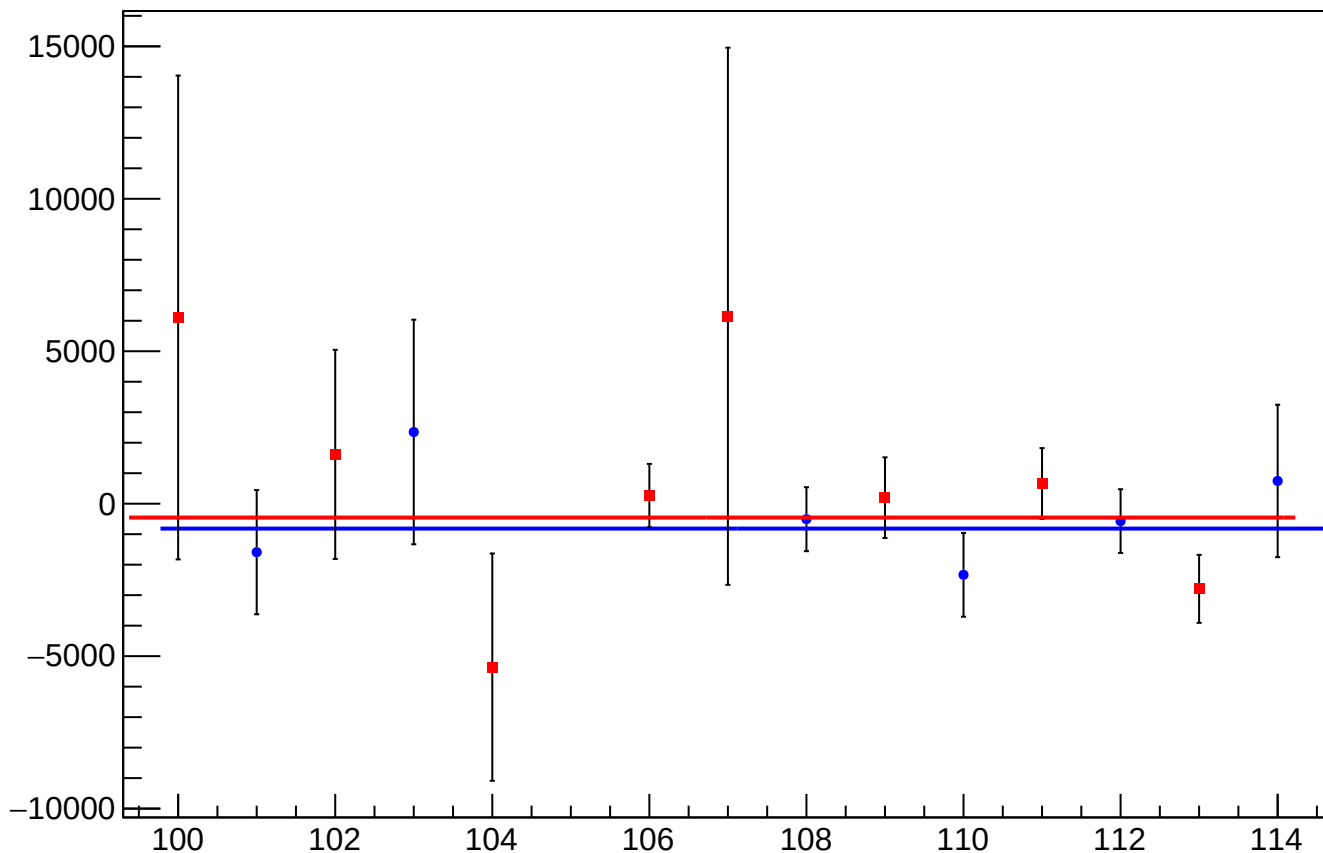
Right: 2522.163+/-0.762 χ^2/NDF : 570176.8/13

In: 2529.421+/-1.151 χ^2/NDF : 458160.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.163+/-0.762 χ^2/NDF : 570176.8/13

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

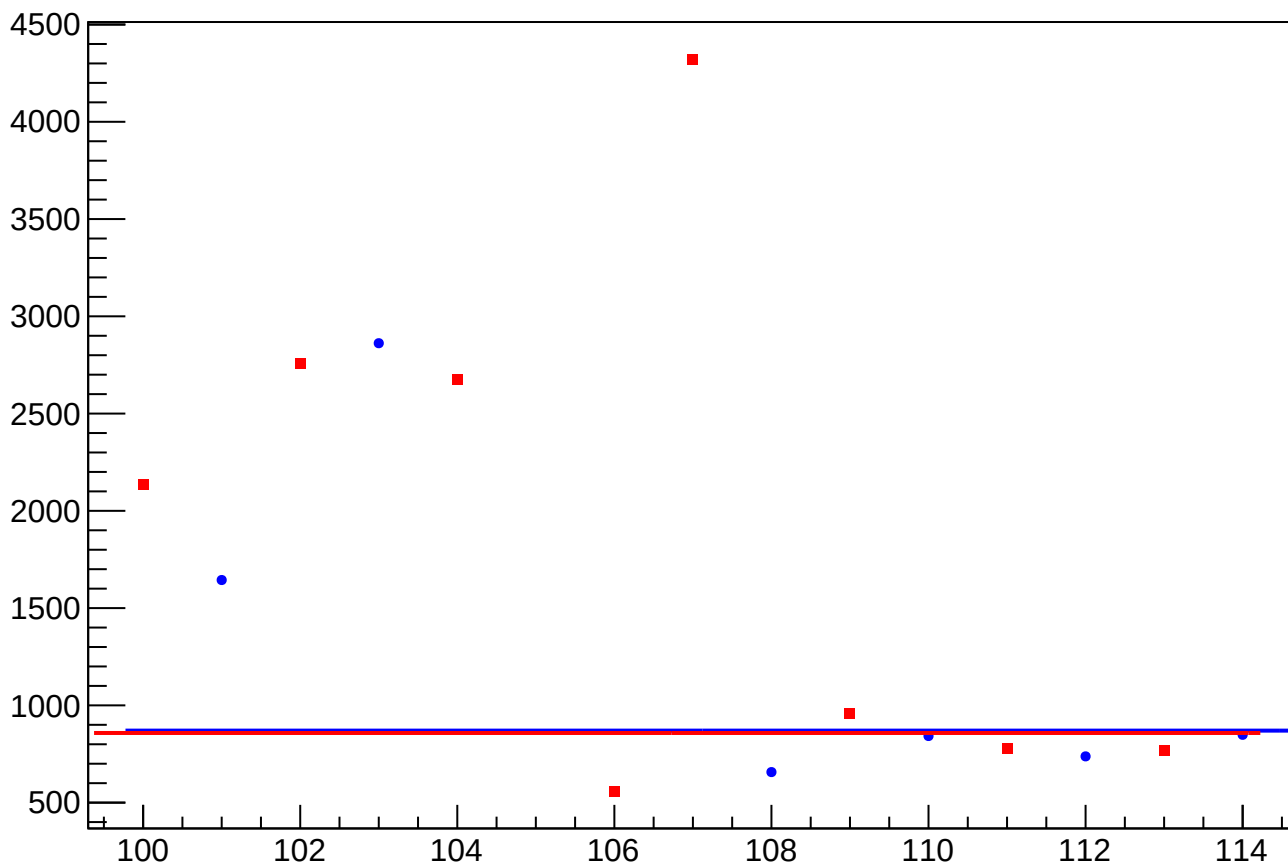
Right: -623.186+/-406.118 χ^2/NDF : 12.2/13

In: -816.102+/-594.404 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.186+/-406.118 χ^2/NDF : 12.2/13

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

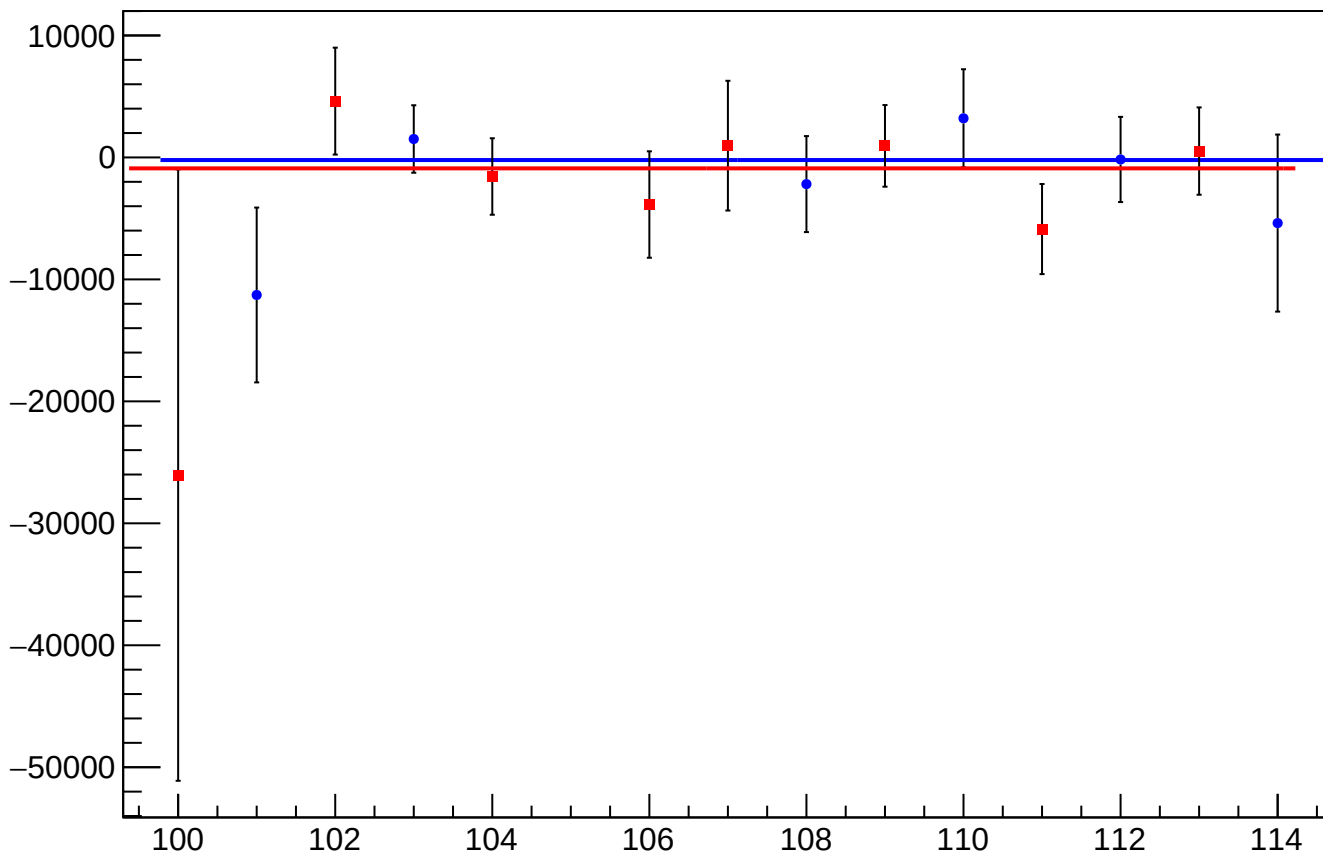
Right: 863.694+/-0.287 χ^2/NDF : 2641211.3/13

In: 870.144+/-0.420 χ^2/NDF : 989481.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.694+/-0.287 χ^2/NDF : 2641211.3/13

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

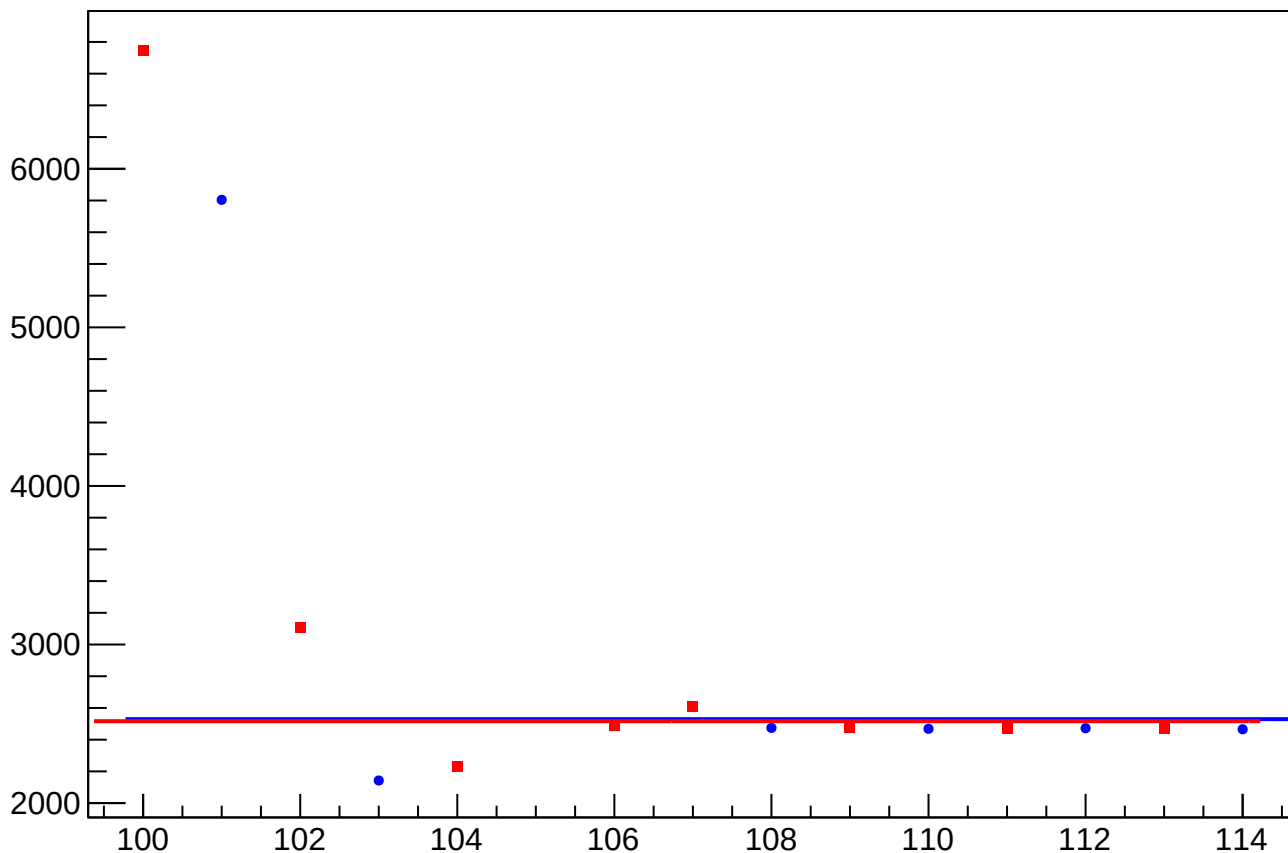
Right: -597.964+/-1077.589 χ^2/NDF : 9.8/13

In: -214.238+/-1627.921 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.964+/-1077.589 χ^2/NDF : 9.8/13

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2529.421+/-1.151 χ^2/NDF : 458160.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2516.502+/-1.017 χ^2/NDF : 111945.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

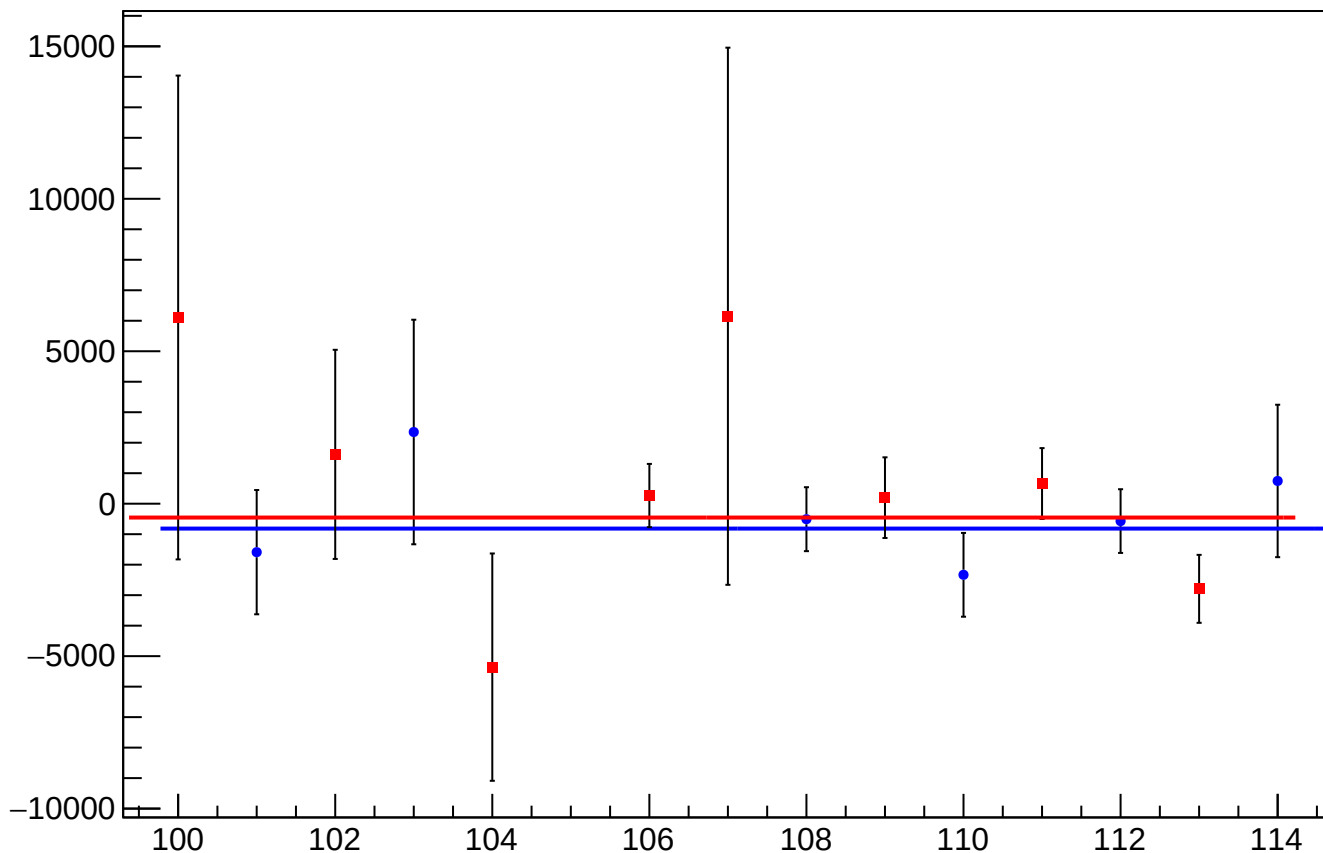
Right: 2522.163+/-0.762 χ^2/NDF : 570176.8/13

In: 2529.421+/-1.151 χ^2/NDF : 458160.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.163+/-0.762 χ^2/NDF : 570176.8/13

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

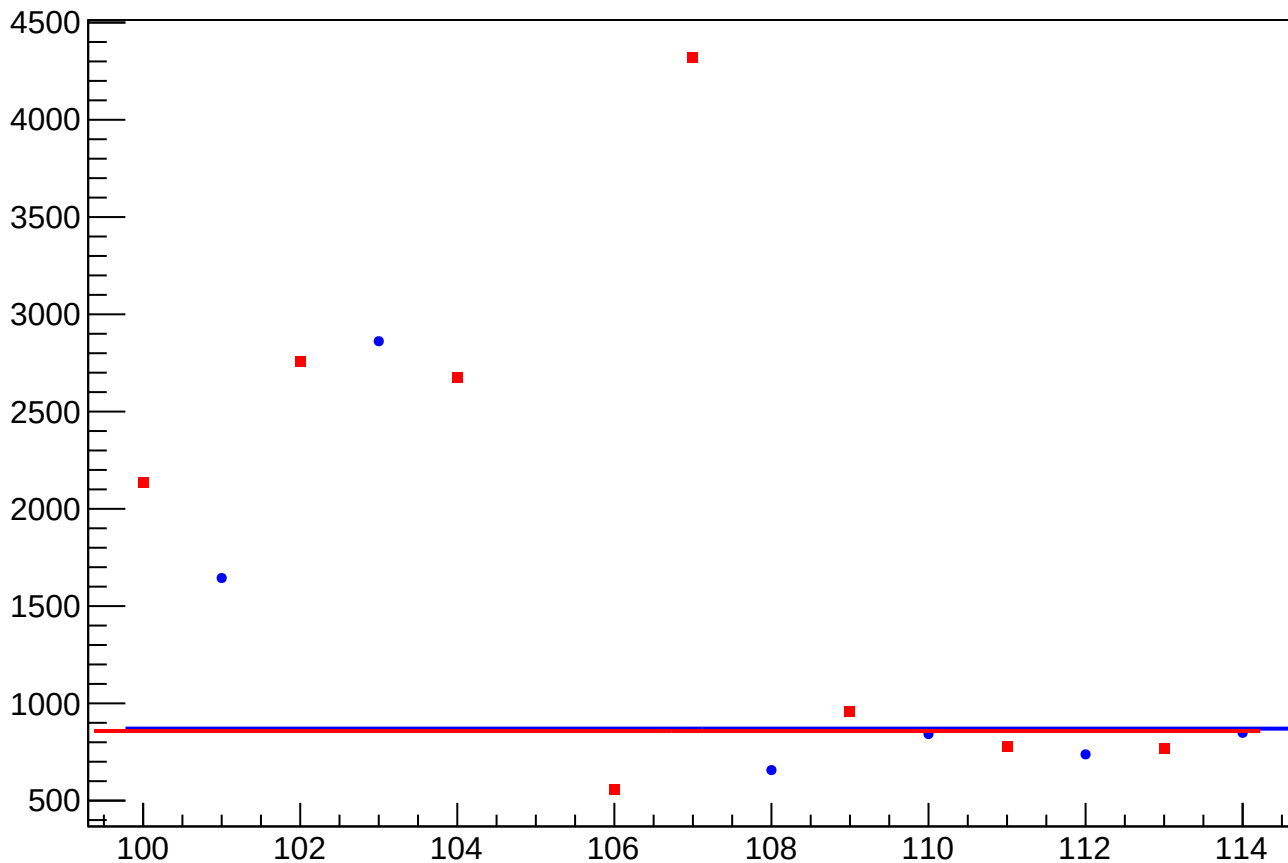
Right: -623.187+/-406.120 χ^2/NDF : 12.2/13

In: -816.106+/-594.407 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.187+/-406.120 χ^2/NDF : 12.2/13

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

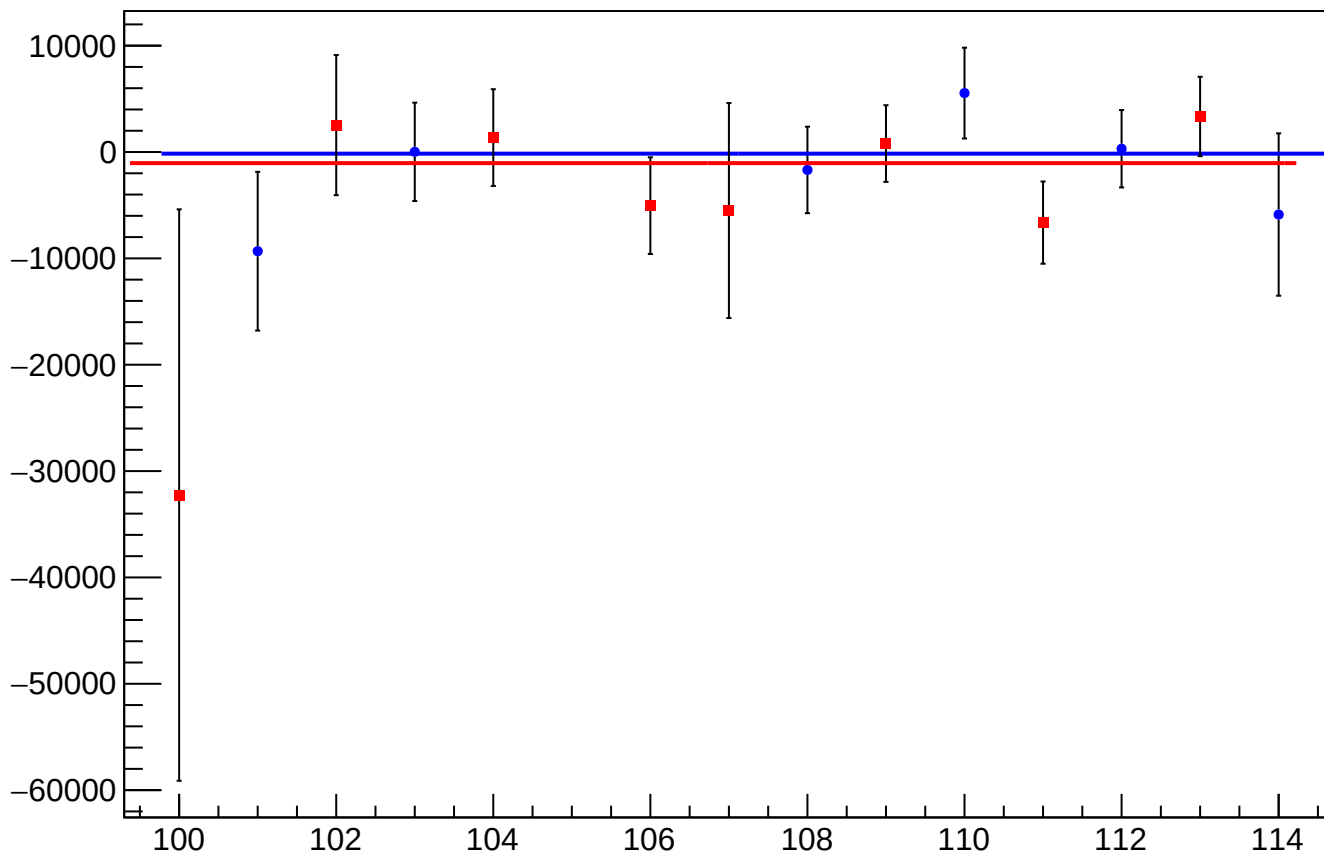
Right: 863.699+/-0.287 χ^2/NDF : 2641199.6/13

In: 870.149+/-0.420 χ^2/NDF : 989475.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.699+/-0.287 χ^2/NDF : 2641199.6/13

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

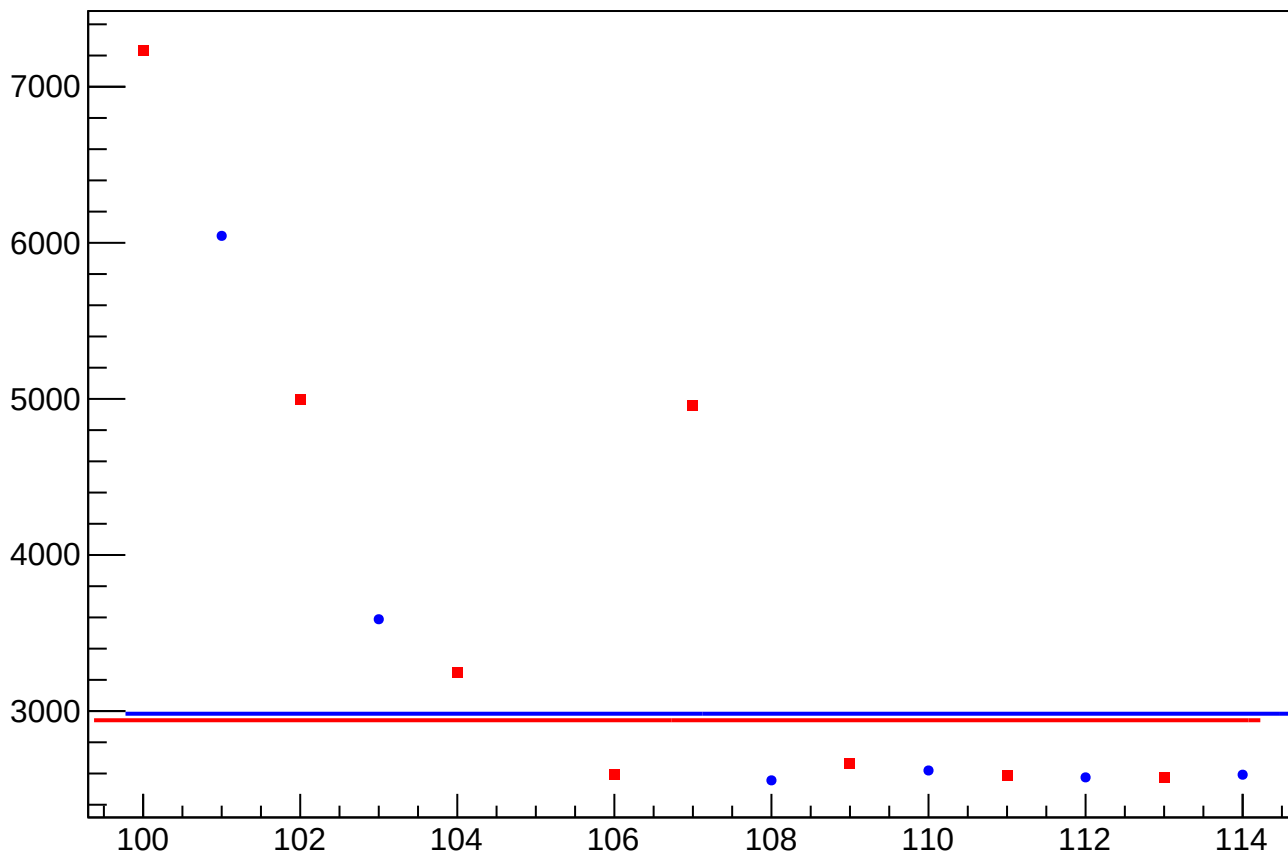
Right: -652.360+/-1270.854 χ^2/NDF : 10.8/13

In: -154.558+/-1914.998 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -652.360+/-1270.854 χ^2/NDF : 10.8/13

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

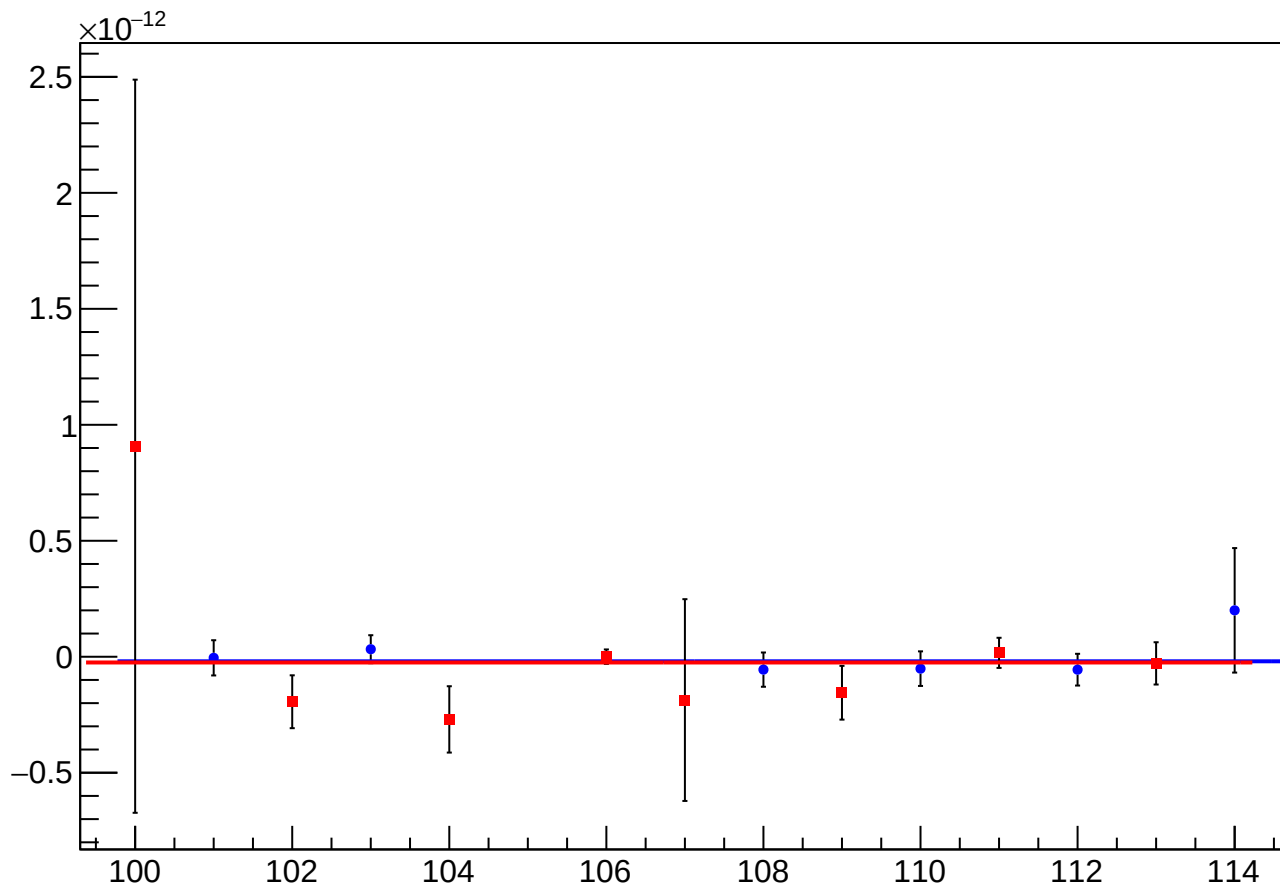
Right: 2959.647+/-0.899 χ^2/NDF : 832074.5/13

In: 2983.039+/-1.354 χ^2/NDF : 437733.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2959.647+/-0.899 χ^2/NDF : 832074.5/13

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

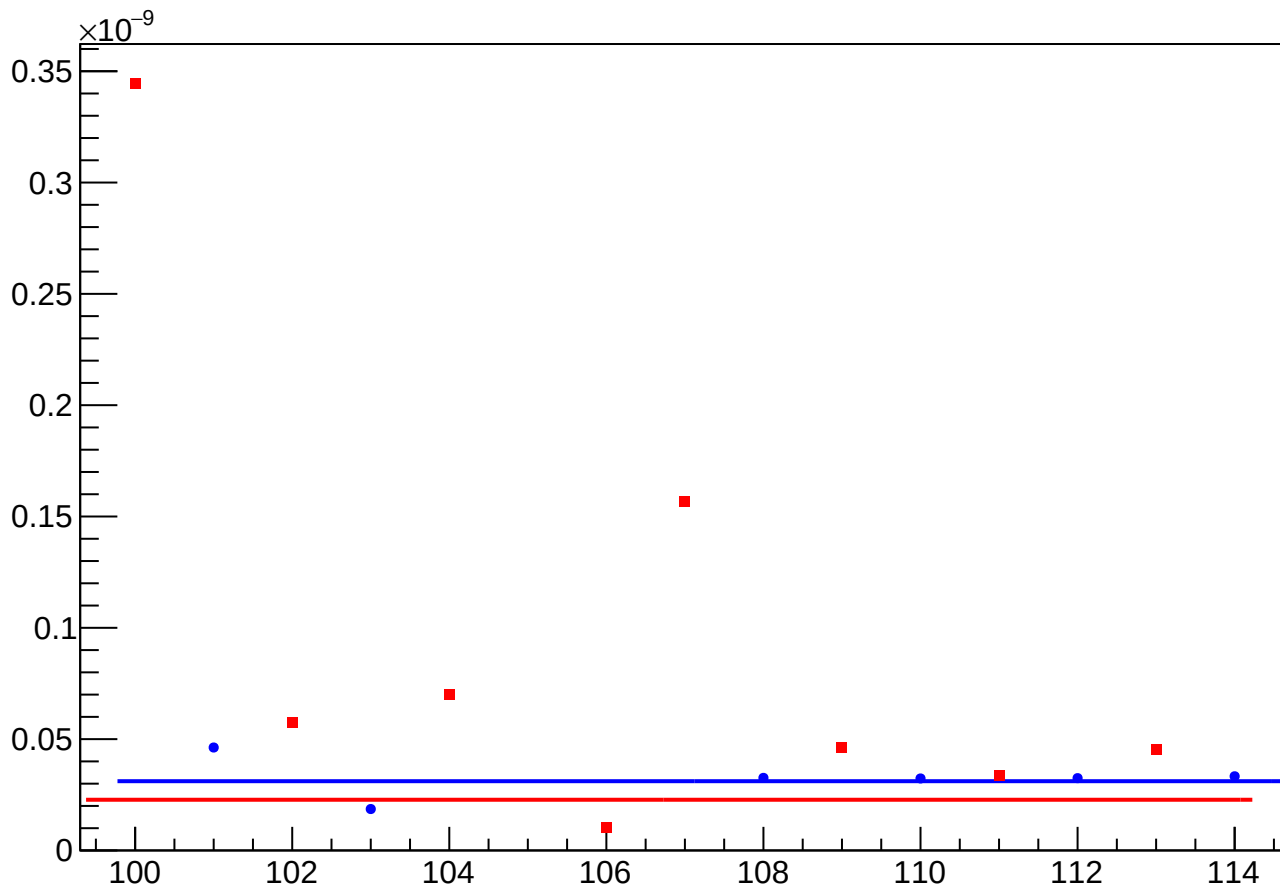
Right: -0.000+/-0.000 χ^2/NDF : 10.1/13

In: -0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/13

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 167670.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1251789.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

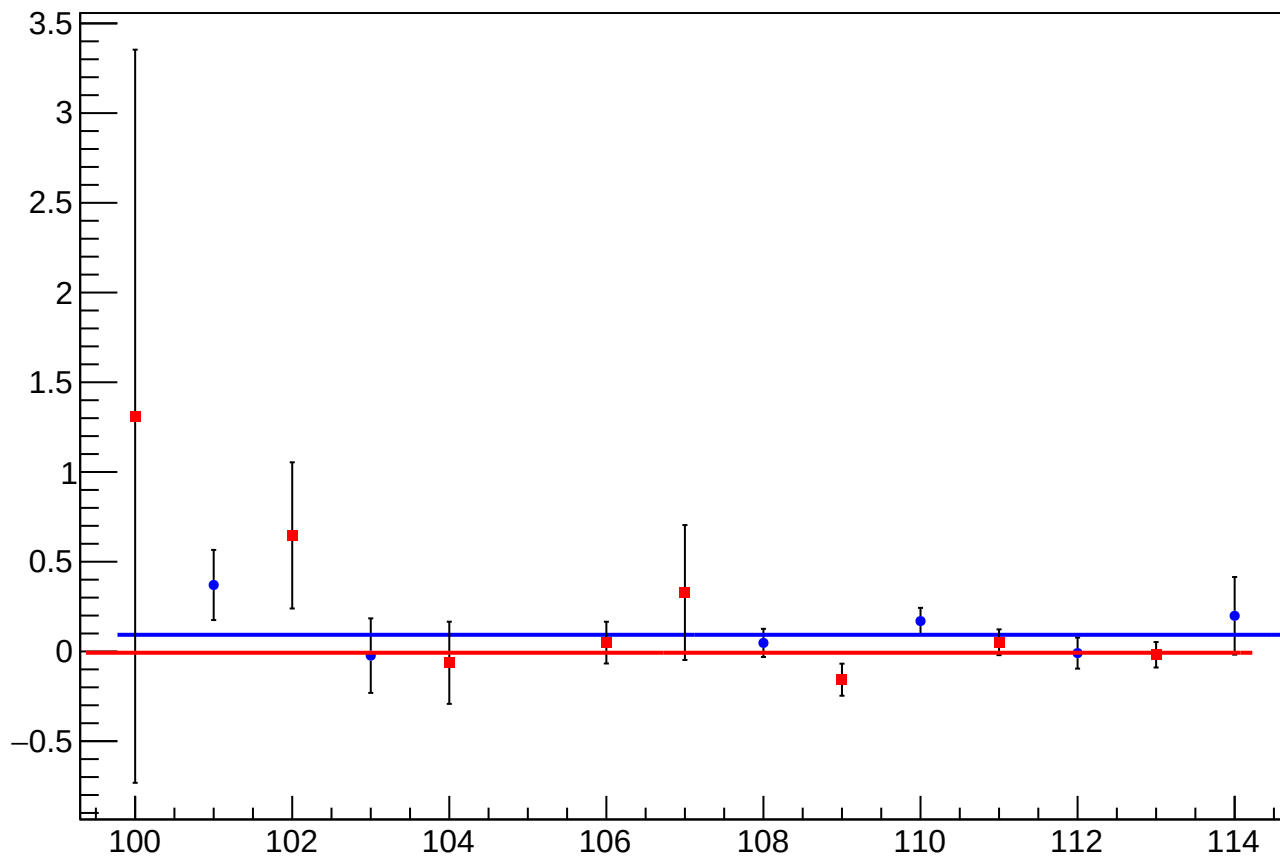
Right: 0.000+/-0.000 χ^2/NDF : 1506876.0/13

In: 0.000+/-0.000 χ^2/NDF : 167670.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1506876.0/13

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

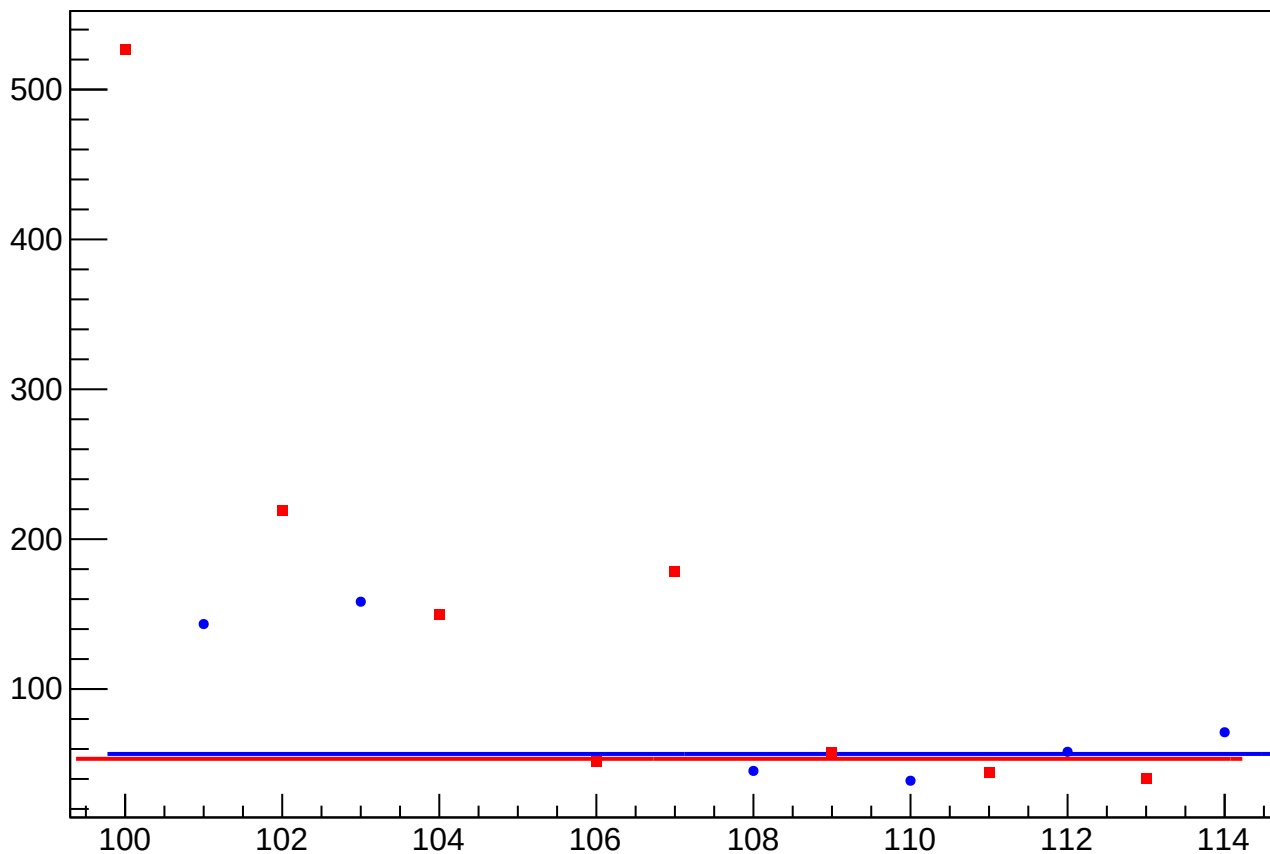
Right: 0.040+/-0.029 χ^2/NDF : 15.9/13

In: 0.093+/-0.043 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.029 χ^2/NDF : 15.9/13

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

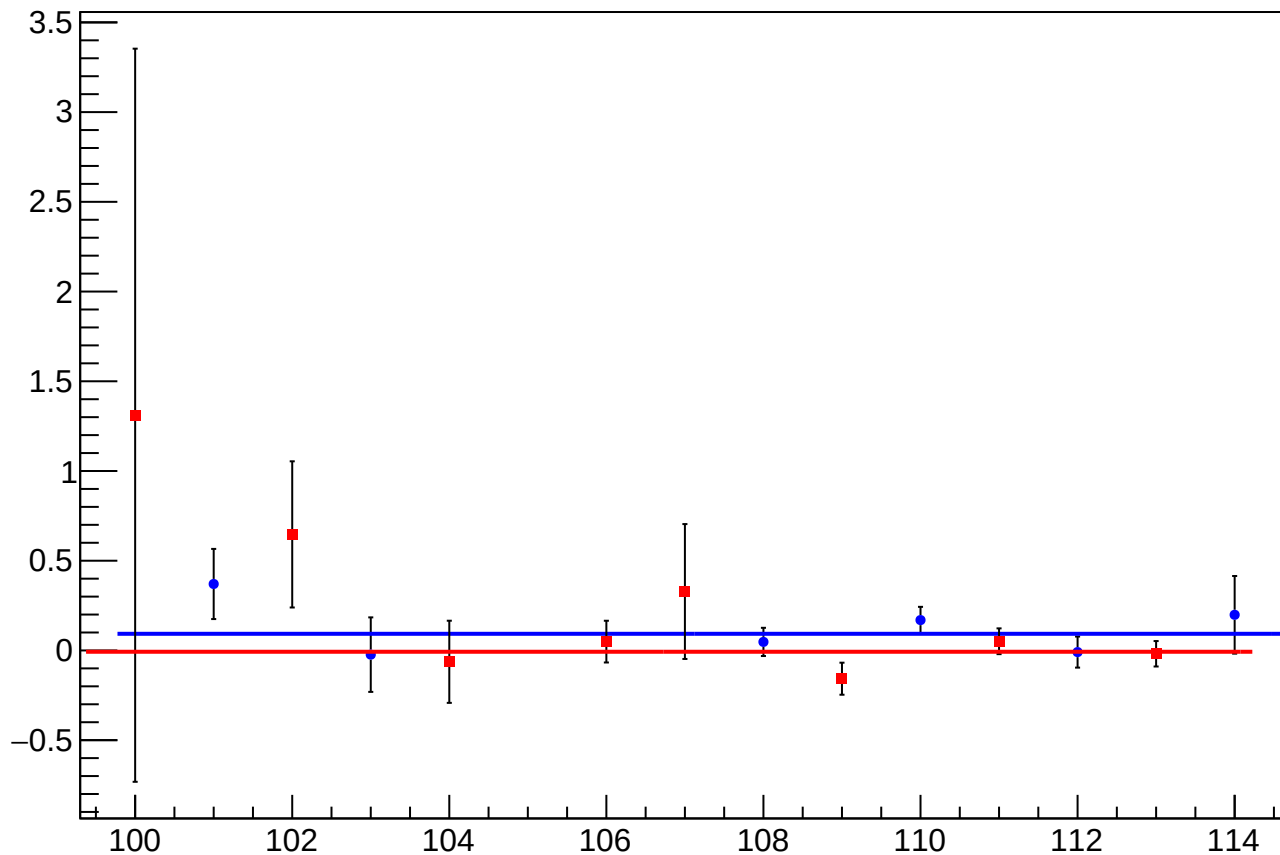
Right: 54.974 $\pm$ 0.021 χ^2 /NDF: 2161288.6/13

In: 56.704 $\pm$ 0.030 χ^2 /NDF:1040385.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.974 $\pm$ 0.021 χ^2 /NDF: 2161288.6/13

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

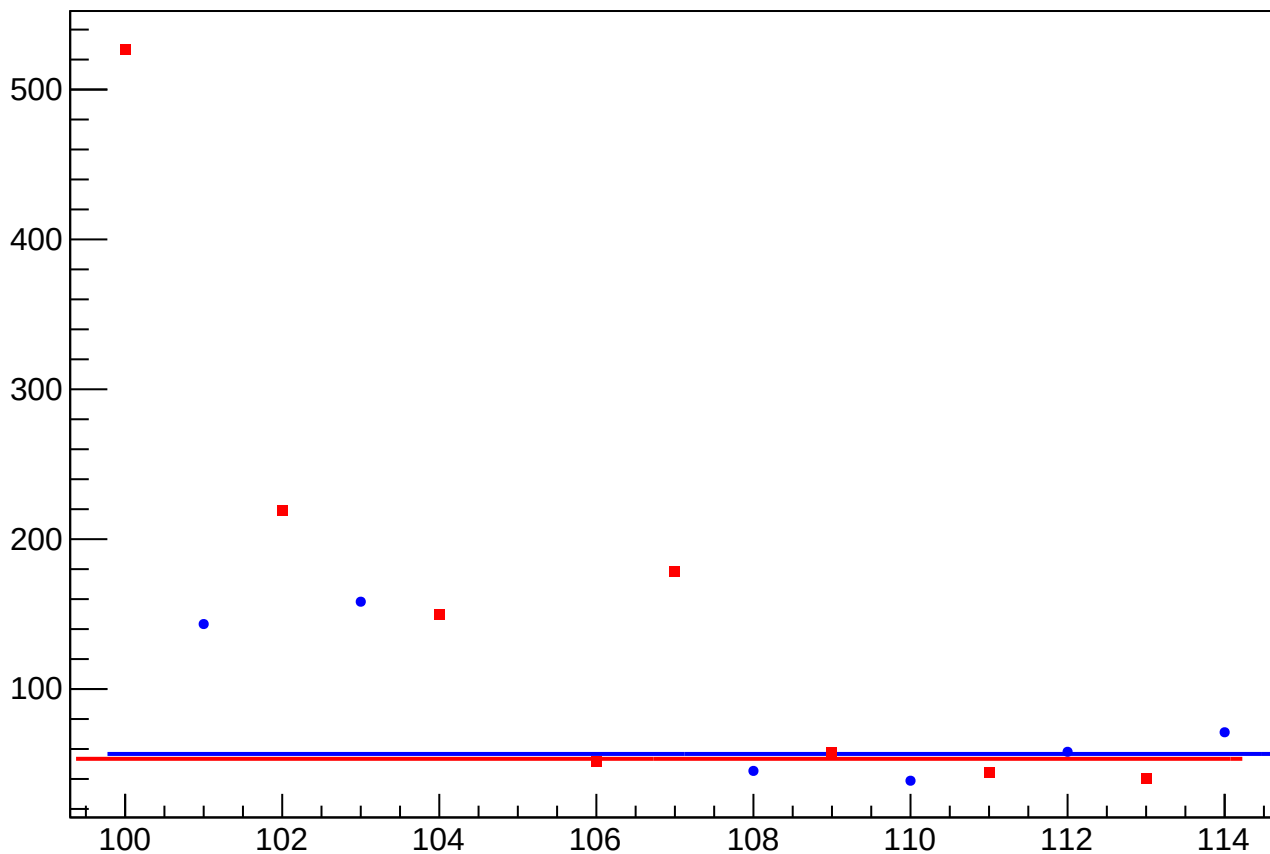
Right: 0.040 $\pm$ 0.029 χ^2 /NDF: 15.9/13

In: 0.093 $\pm$ 0.043 χ^2 /NDF:5.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.029 χ^2 /NDF: 15.9/13

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

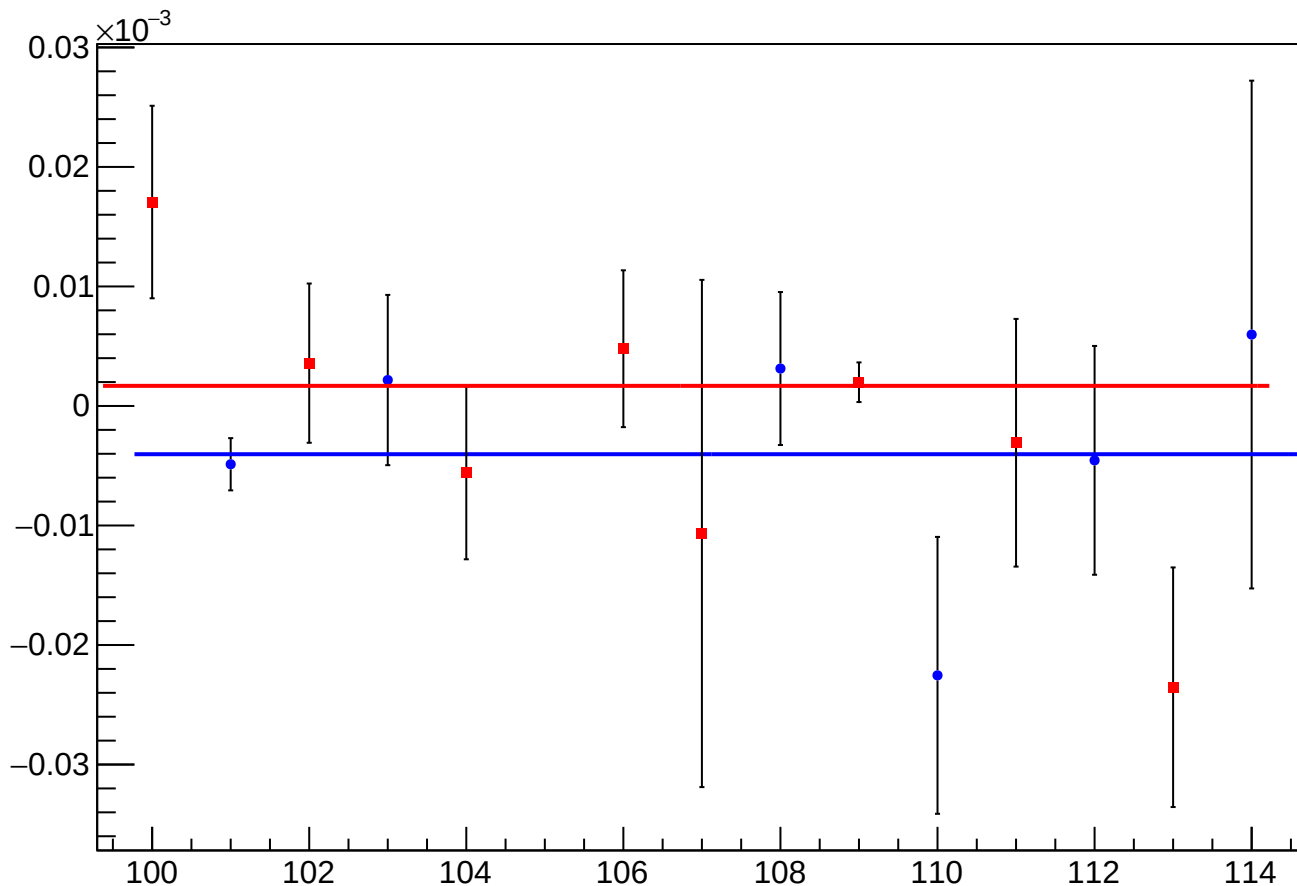
Right: 54.974+/-0.021 χ^2/NDF : 2161288.6/13

In: 56.704+/-0.030 χ^2/NDF : 1040385.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.974+/-0.021 χ^2/NDF : 2161288.6/13

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

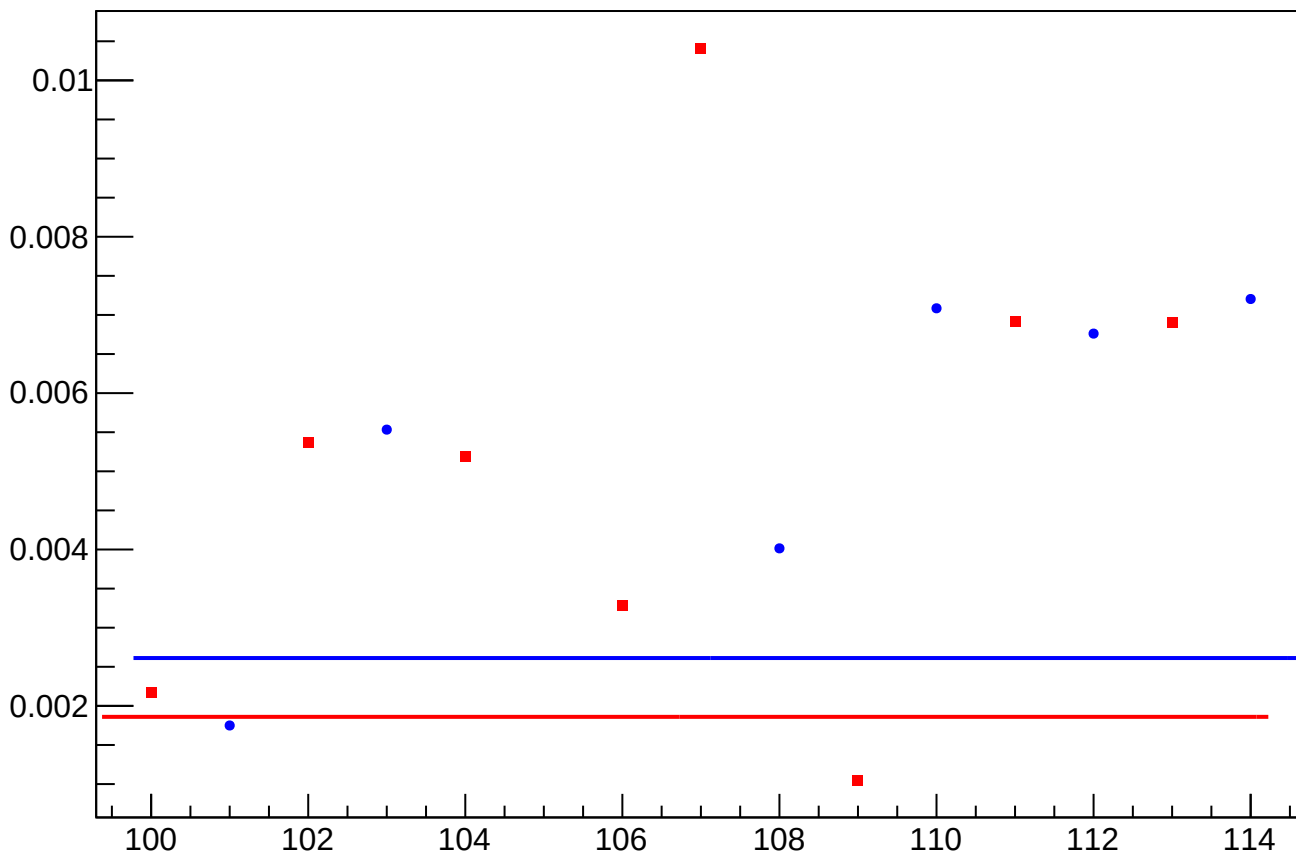
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/13

In: -0.000 $\pm$ 0.000 χ^2 /NDF:4.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/13

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

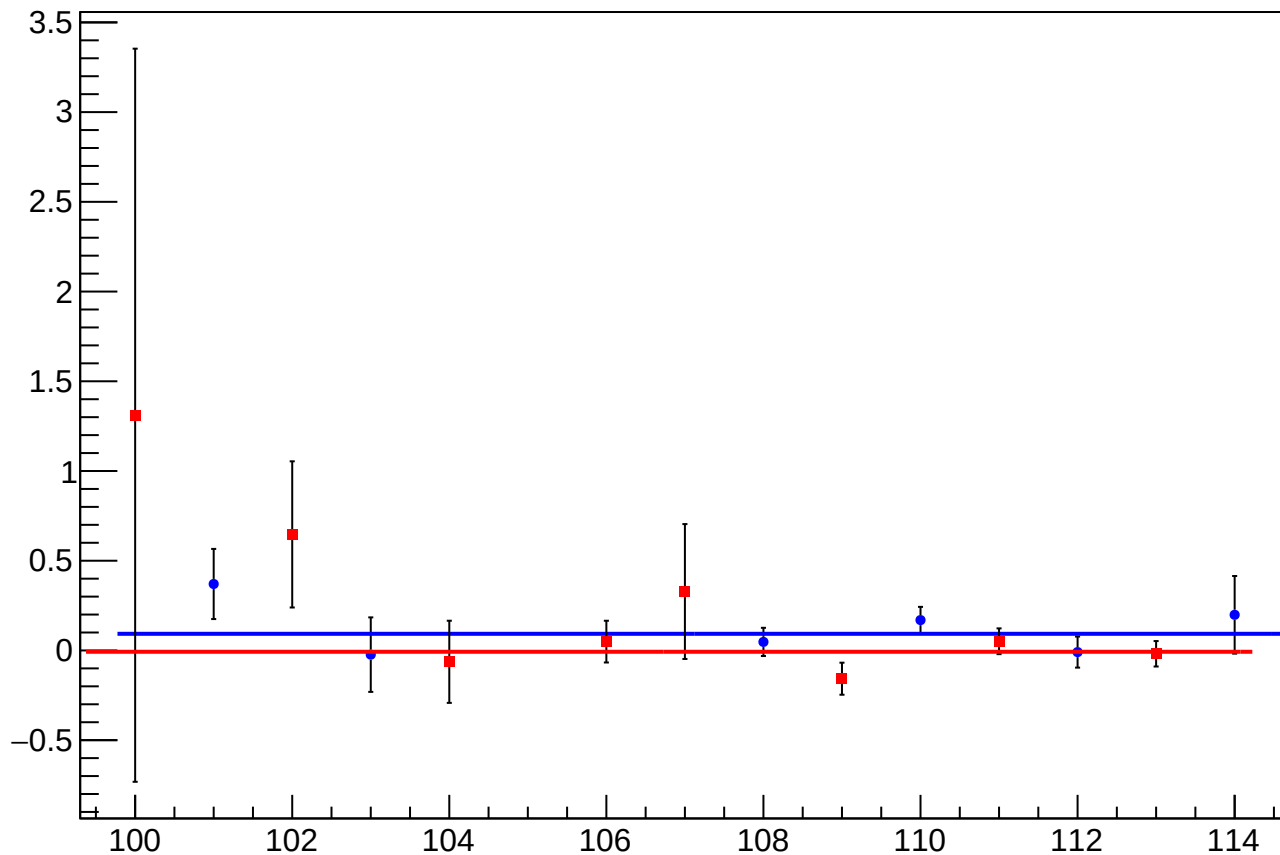
Right: 0.002+/-0.000 χ^2/NDF : 4575380.2/13

In: 0.003+/-0.000 χ^2/NDF : 1511583.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4575380.2/13

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

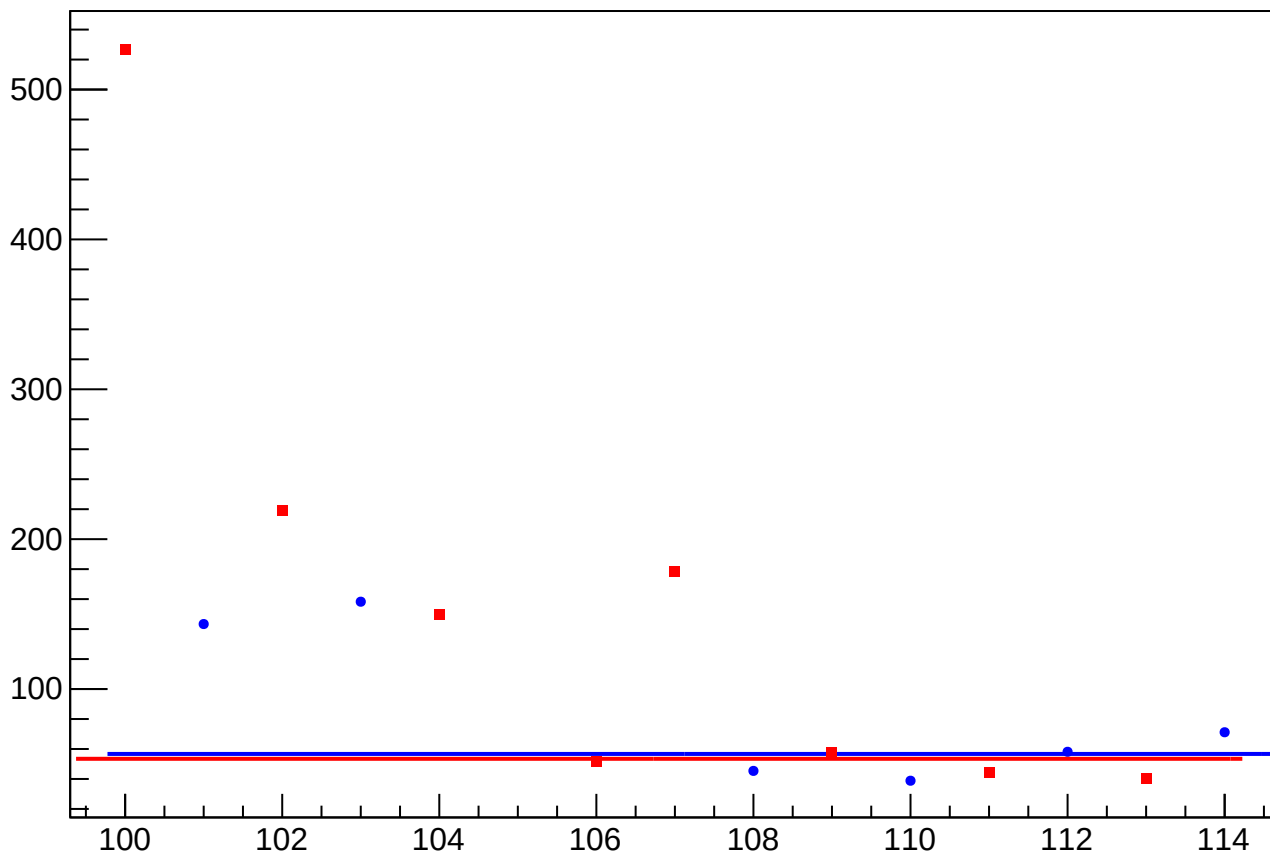
Right: 0.040 $\pm$ 0.029 χ^2 /NDF: 15.9/13

In: 0.093 $\pm$ 0.043 χ^2 /NDF: 5.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.029 χ^2 /NDF: 15.9/13

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

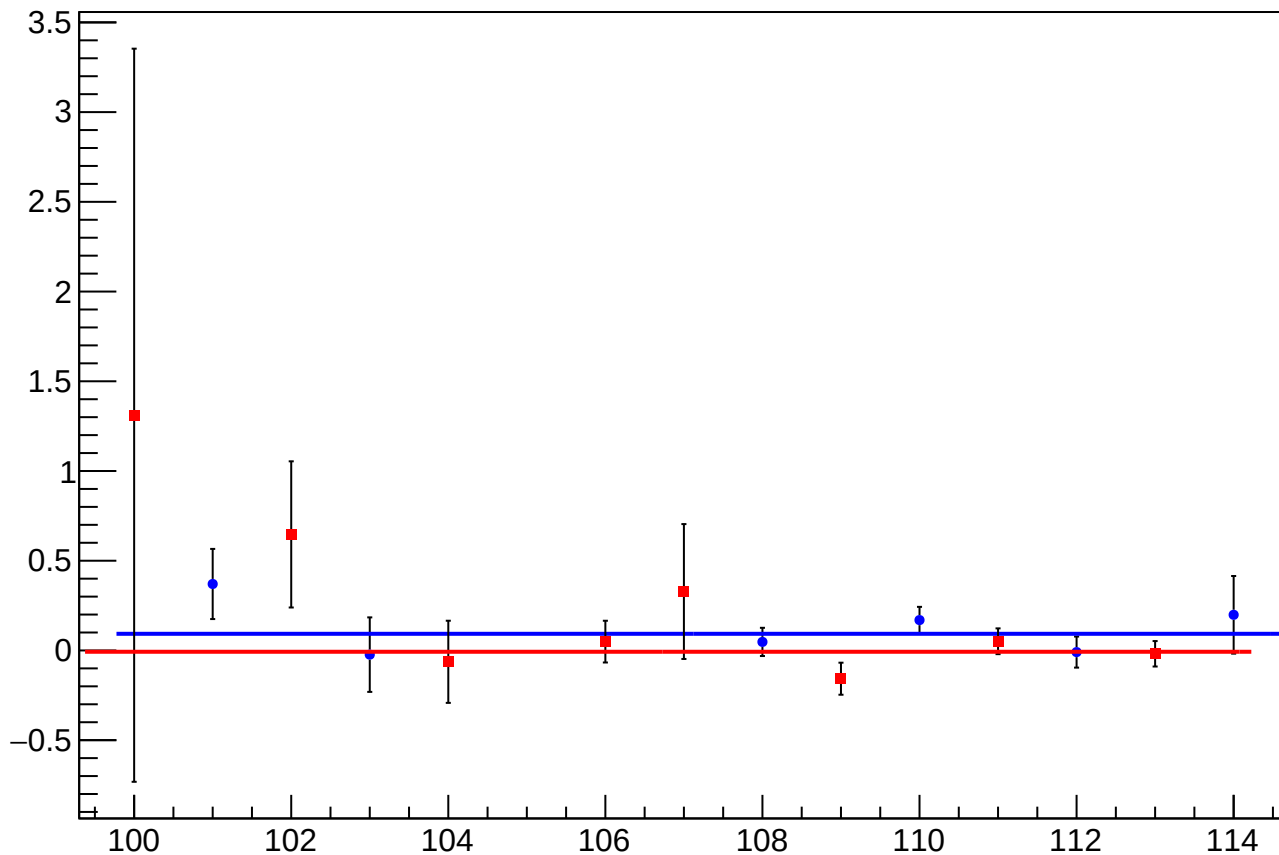
Right: 54.976+/-0.021 χ^2/NDF : 2161203.4/13

In: 56.703+/-0.030 χ^2/NDF : 1040438.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.976+/-0.021 χ^2/NDF : 2161203.4/13

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

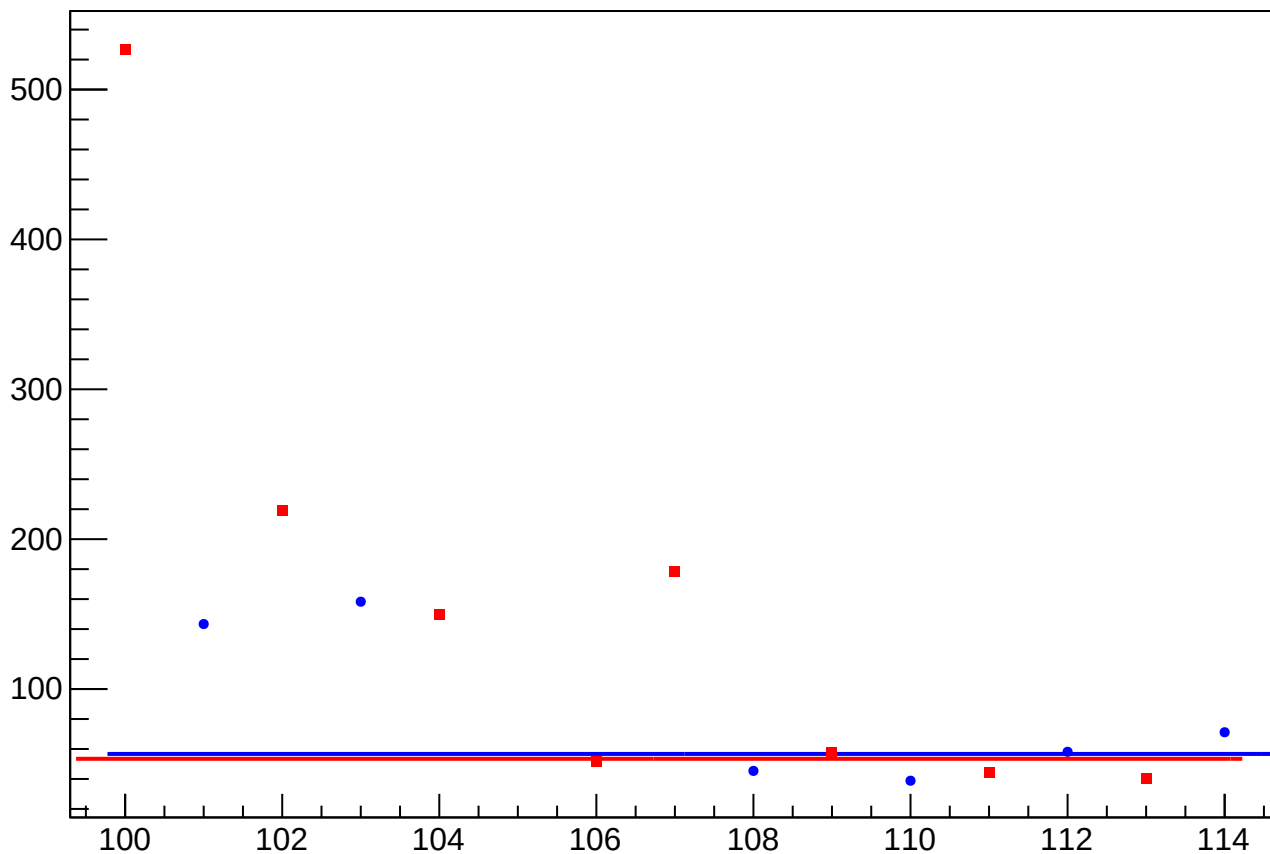
Right: 0.040 $\pm$ 0.029 χ^2 /NDF: 15.9/13

In: 0.093 $\pm$ 0.043 χ^2 /NDF: 5.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.029 χ^2 /NDF: 15.9/13

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

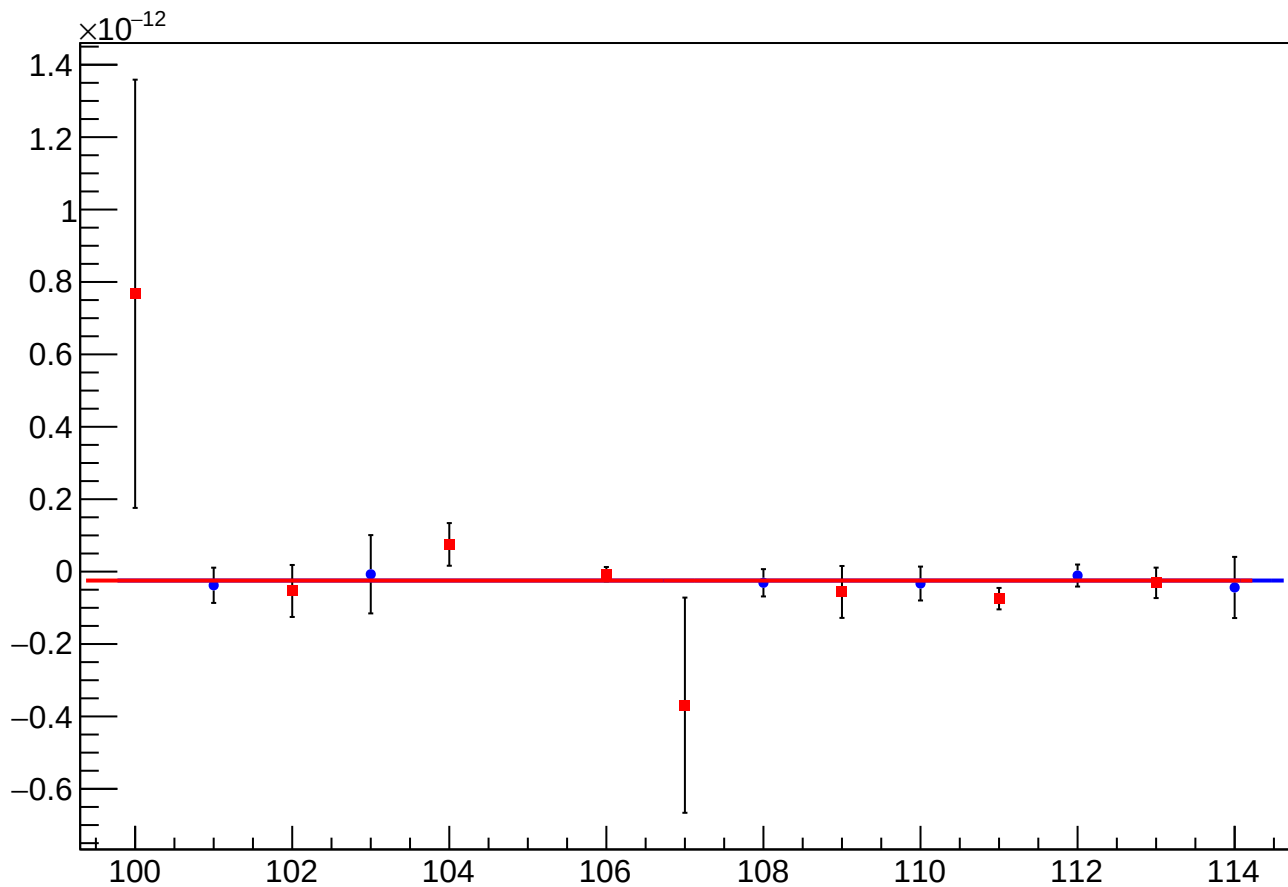
Right: 54.976+/-0.021 χ^2/NDF : 2161203.4/13

In: 56.703+/-0.030 χ^2/NDF : 1040438.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.976+/-0.021 χ^2/NDF : 2161203.4/13

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

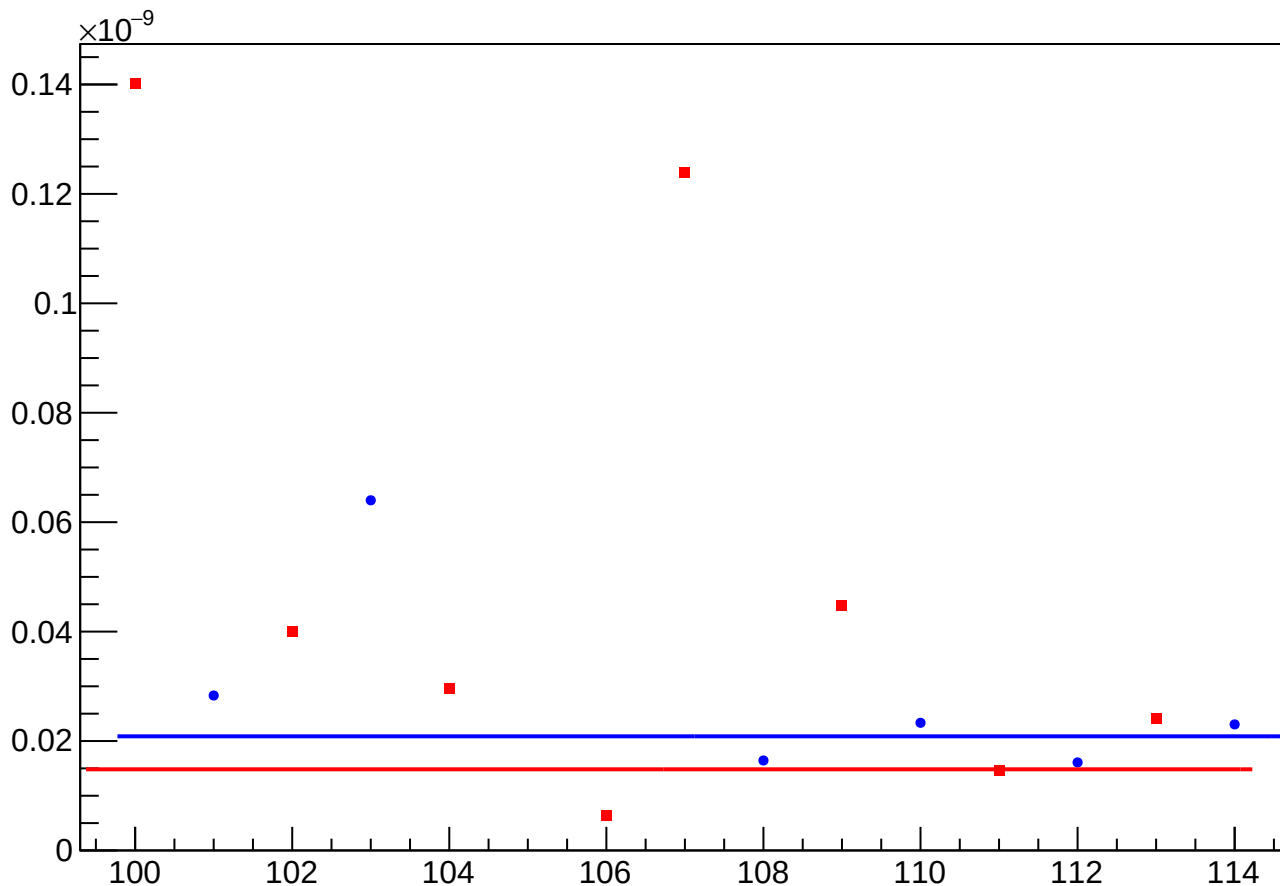
Right: -0.000+/-0.000 χ^2/NDF : 10.5/13

In: -0.000+/-0.000 χ^2/NDF : 0.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/13

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

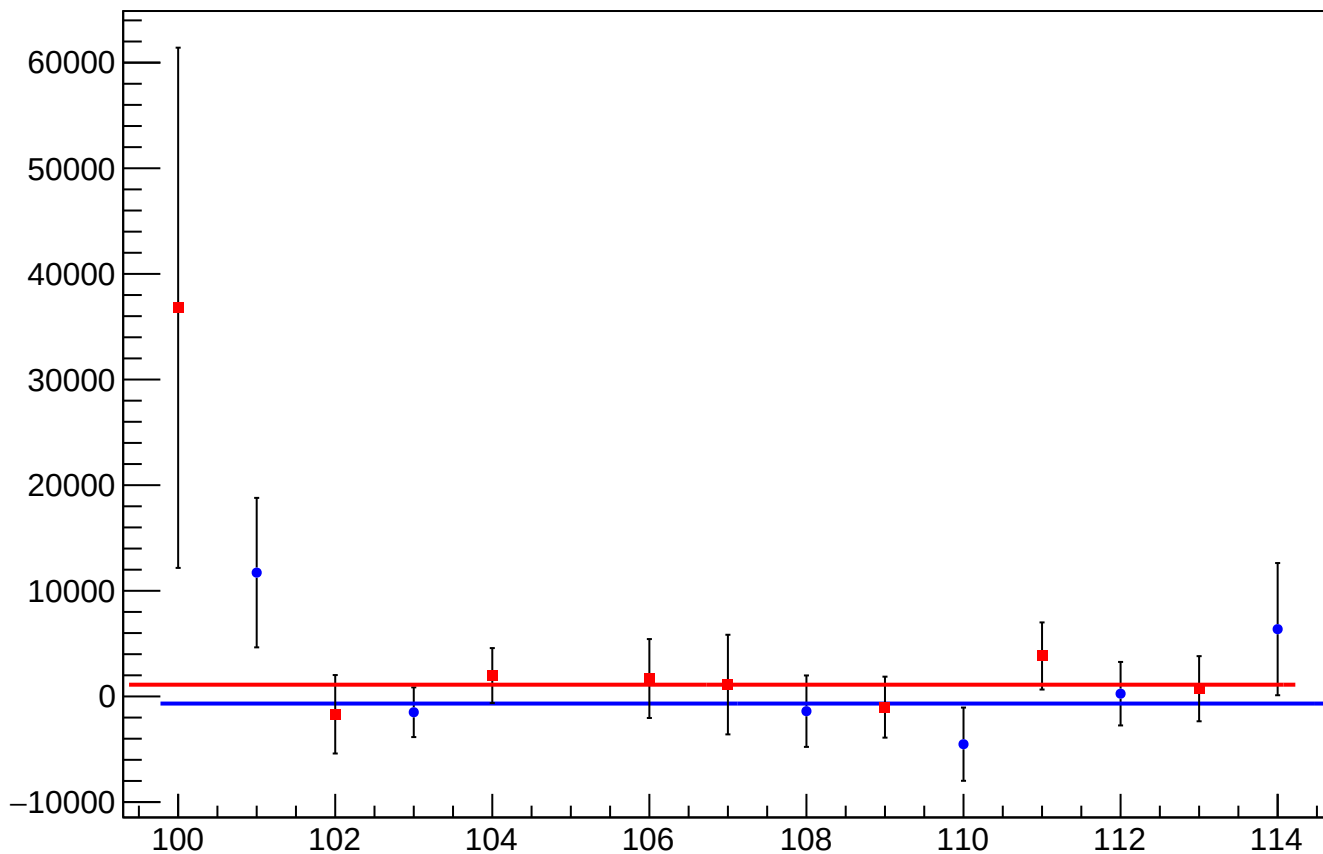
Right: 0.000+/-0.000 χ^2/NDF : 2124312.4/13

In: 0.000+/-0.000 χ^2/NDF : 448750.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2124312.4/13

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

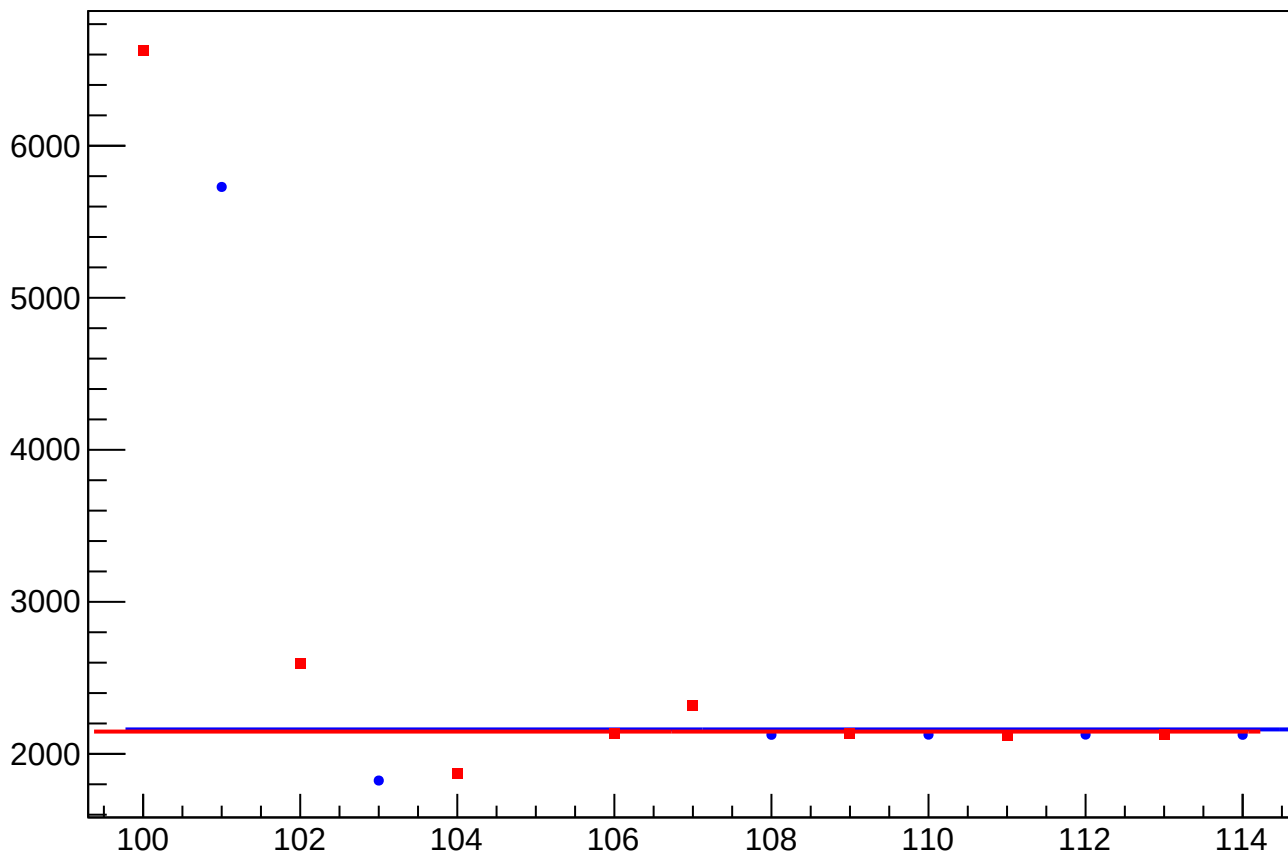
Right: 337.778+/-924.371 χ^2/NDF : 10.8/13

In: -674.016+/-1403.875 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.778+/-924.371 χ^2/NDF : 10.8/13

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

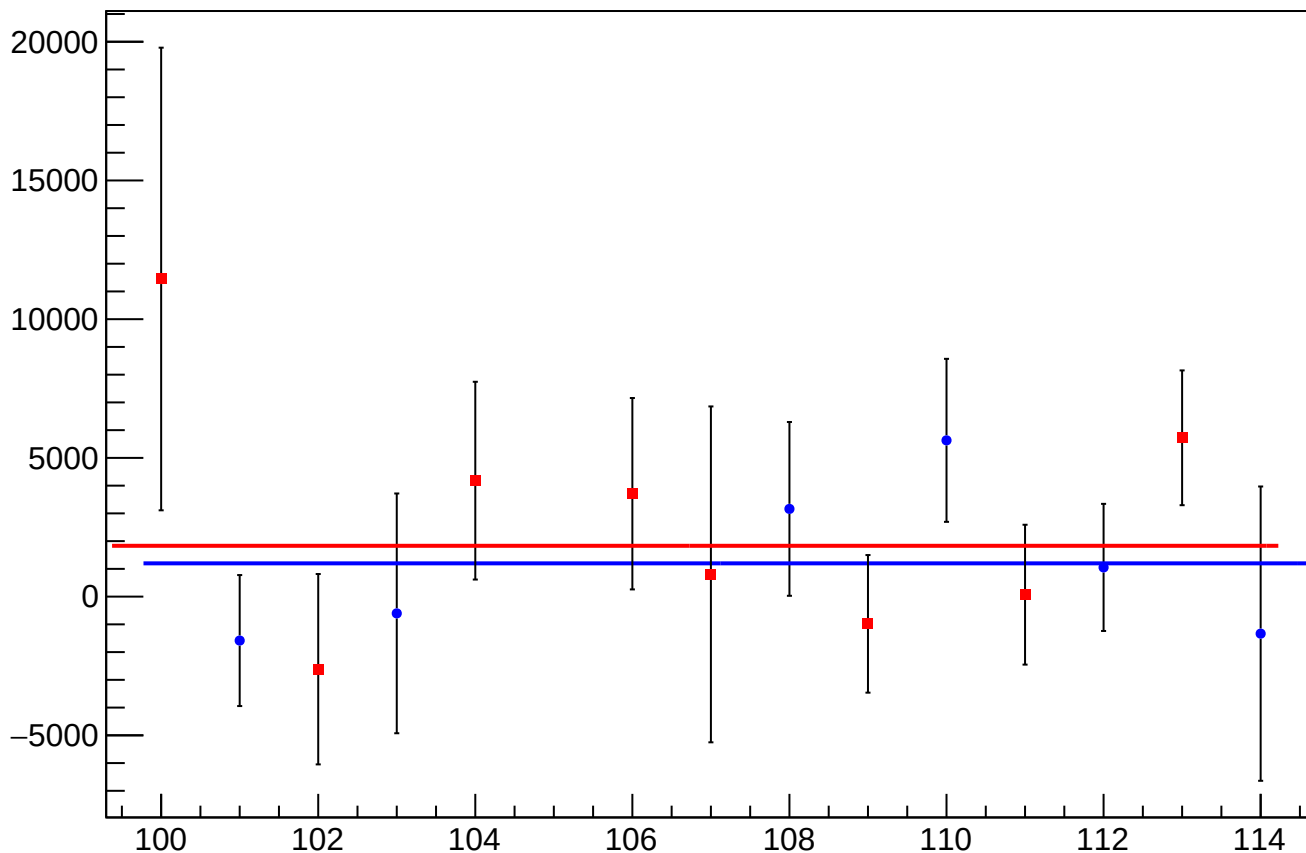
Right: 2152.860+/-0.654 χ^2/NDF : 670636.2/13

In: 2160.860+/-0.993 χ^2/NDF : 550286.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.860+/-0.654 χ^2/NDF : 670636.2/13

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

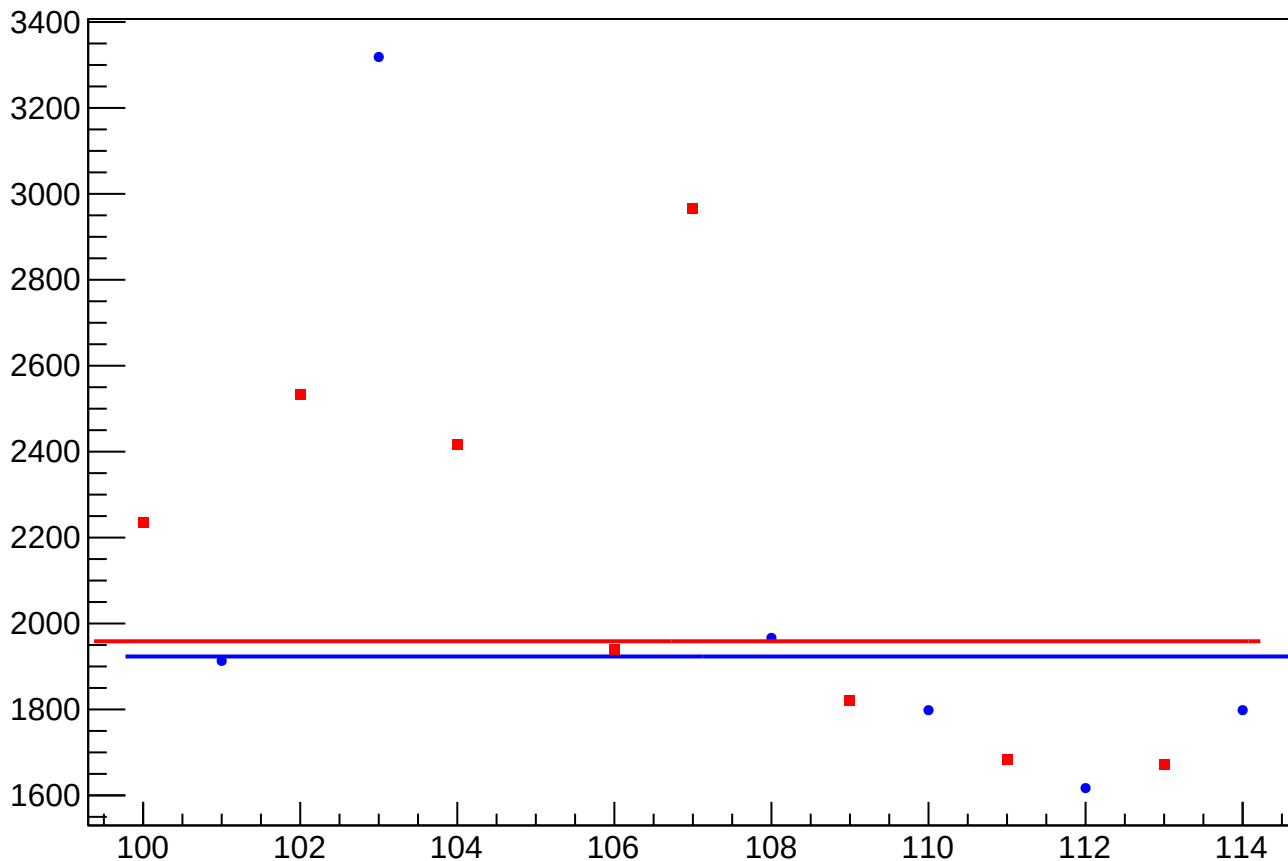
Right: 1537.504+/-828.818 χ^2/NDF : 12.7/13

In: 1198.988+/-1215.478 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.504+/-828.818 χ^2/NDF : 12.7/13

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

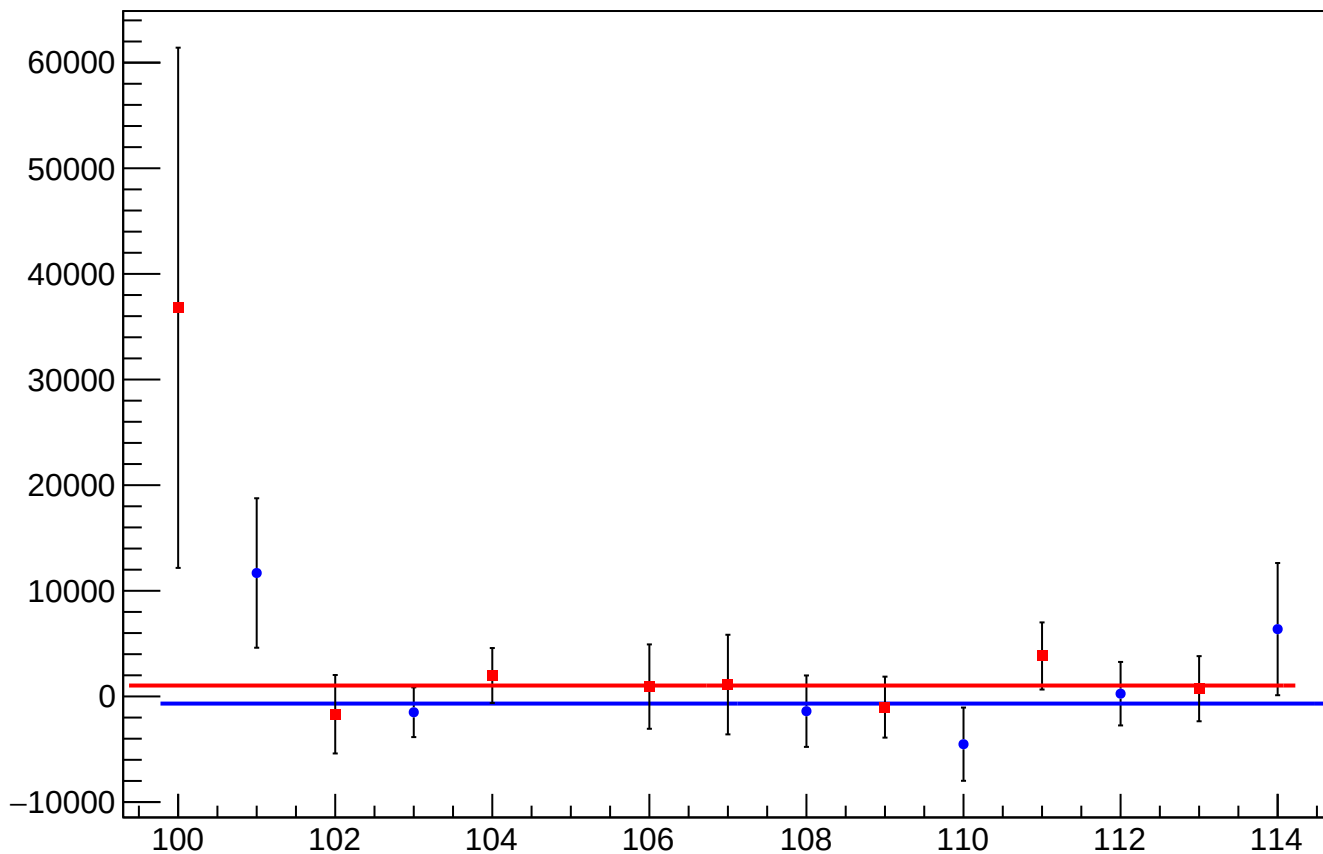
Right: 1942.205+/-0.586 χ^2/NDF : 455351.5/13

In: 1923.262+/-0.859 χ^2/NDF : 249446.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.205+/-0.586 χ^2/NDF : 455351.5/13

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

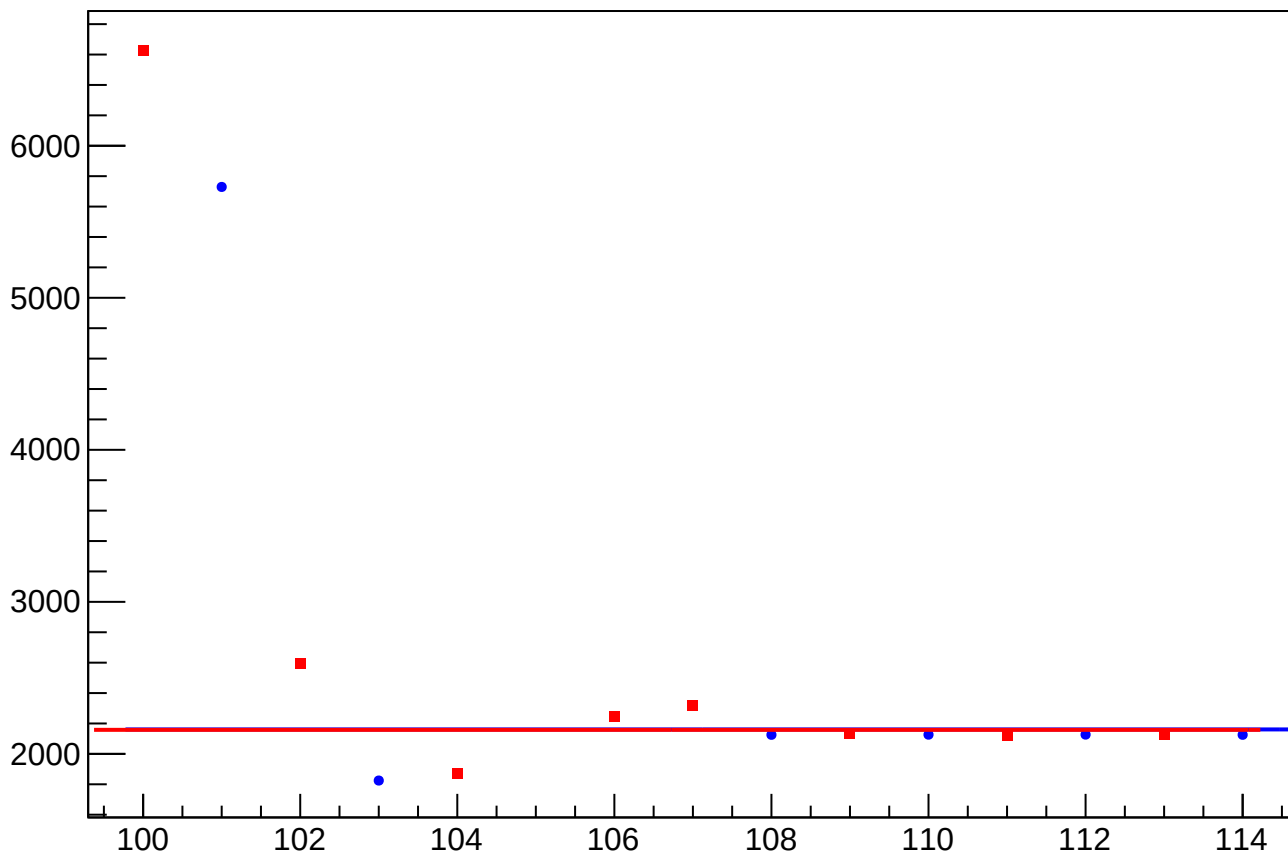
Right: 285.932+/-927.939 χ^2/NDF : 10.7/13

In: -676.358+/-1403.876 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.932+/-927.939 χ^2/NDF : 10.7/13

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2160.860+/-0.993 χ^2/NDF : 550286.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.120+/-0.874 χ^2/NDF : 121350.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

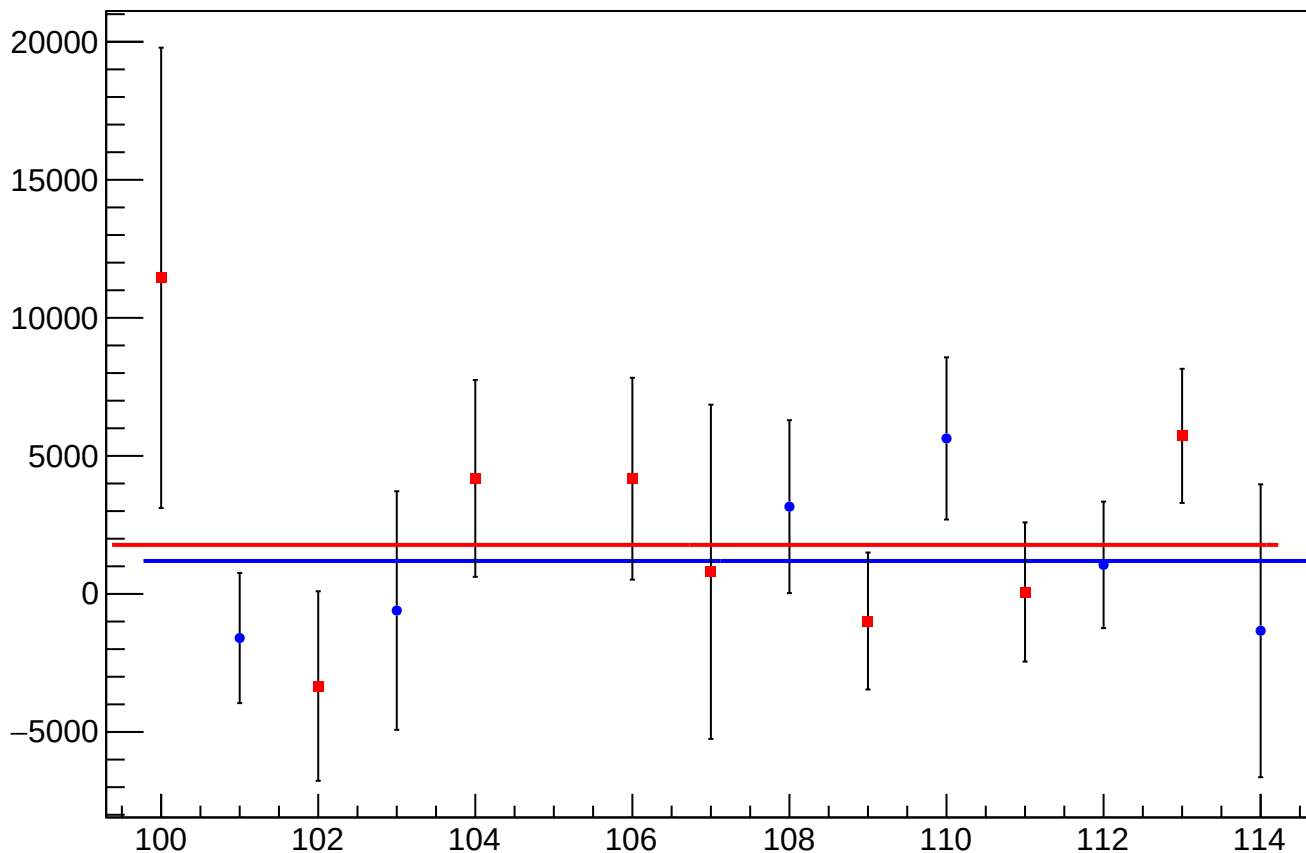
Right: 2159.317+/-0.656 χ^2/NDF : 671641.1/13

In: 2160.860+/-0.993 χ^2/NDF : 550286.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.317+/-0.656 χ^2/NDF : 671641.1/13

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

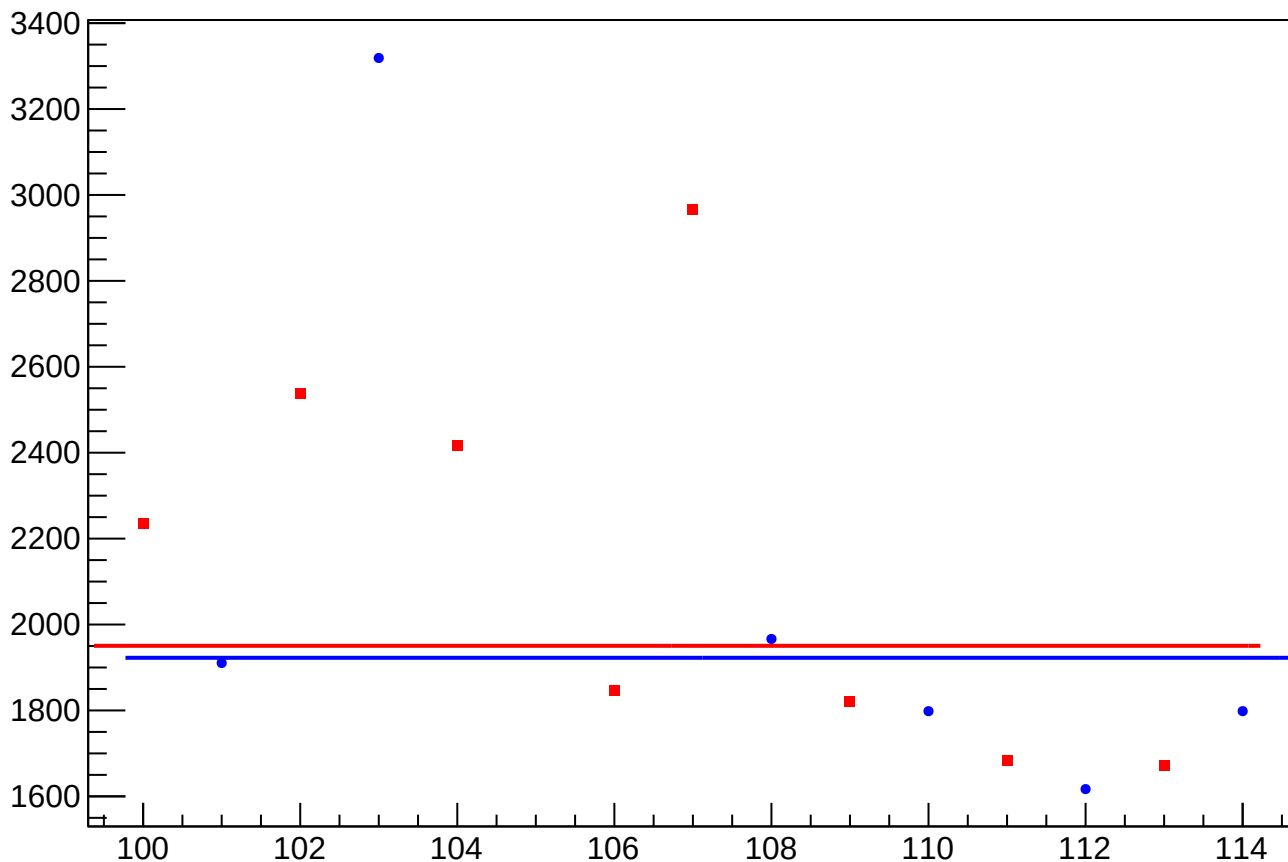
Right: 1503.462+/-831.338 χ^2/NDF : 13.4/13

In: 1193.466+/-1215.044 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.462+/-831.338 χ^2/NDF : 13.4/13

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1922.555+/-0.859 χ^2/NDF : 249518.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.437+/-0.806 χ^2/NDF : 207731.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

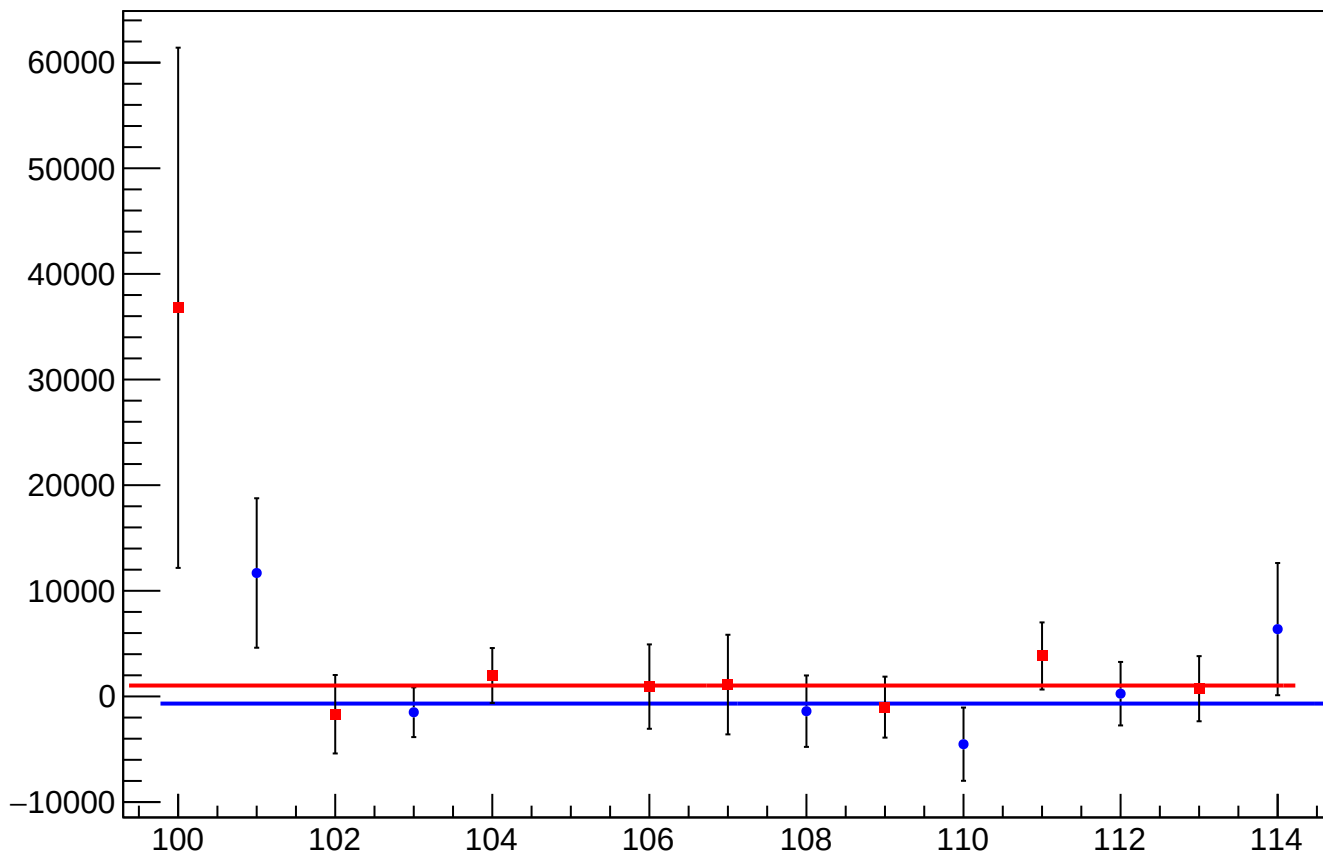
Right: 1937.384+/-0.588 χ^2/NDF : 457810.6/13

In: 1922.555+/-0.859 χ^2/NDF : 249518.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.384+/-0.588 χ^2/NDF : 457810.6/13

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

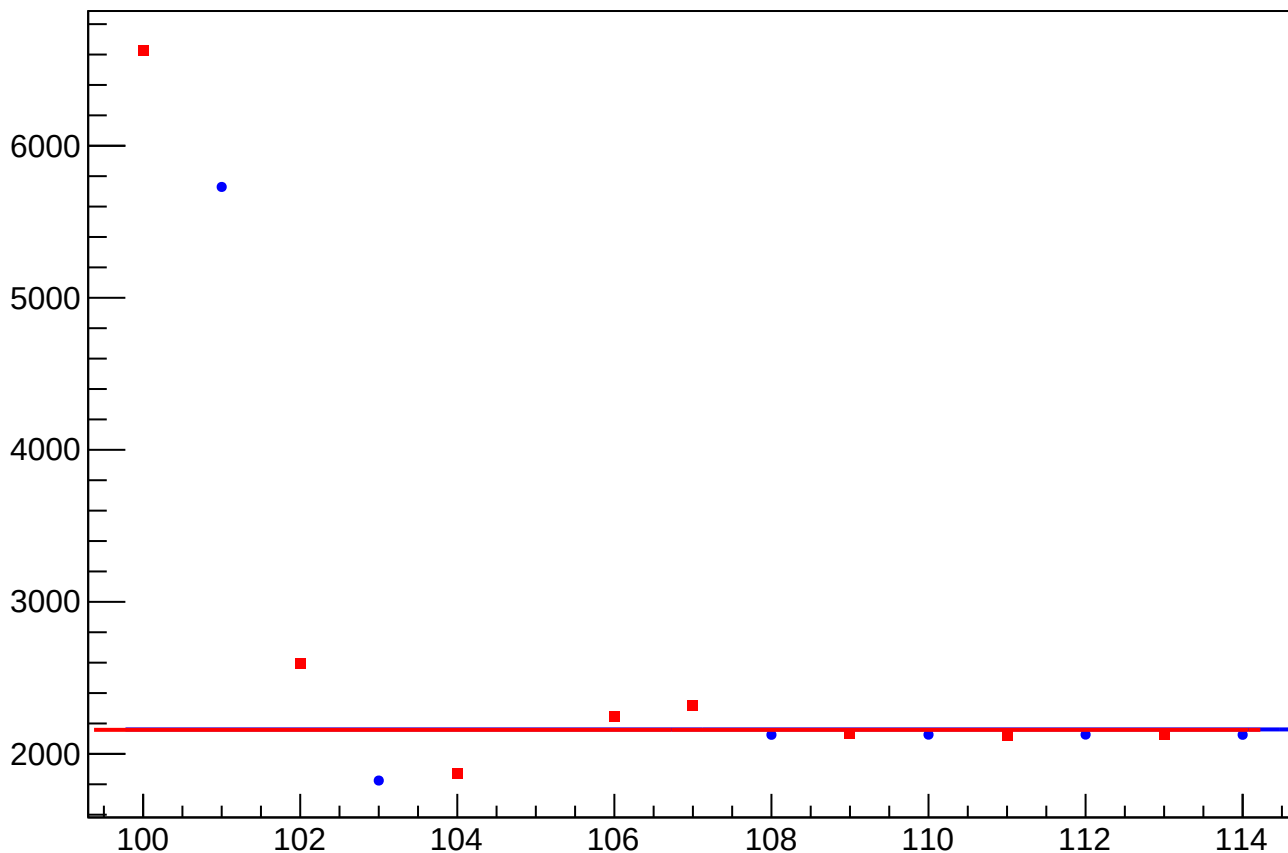
Right: 285.932+/-927.939 χ^2/NDF : 10.7/13

In: -676.358+/-1403.876 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.932+/-927.939 χ^2/NDF : 10.7/13

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2160.860+/-0.993 χ^2/NDF : 550286.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.120+/-0.874 χ^2/NDF : 121350.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

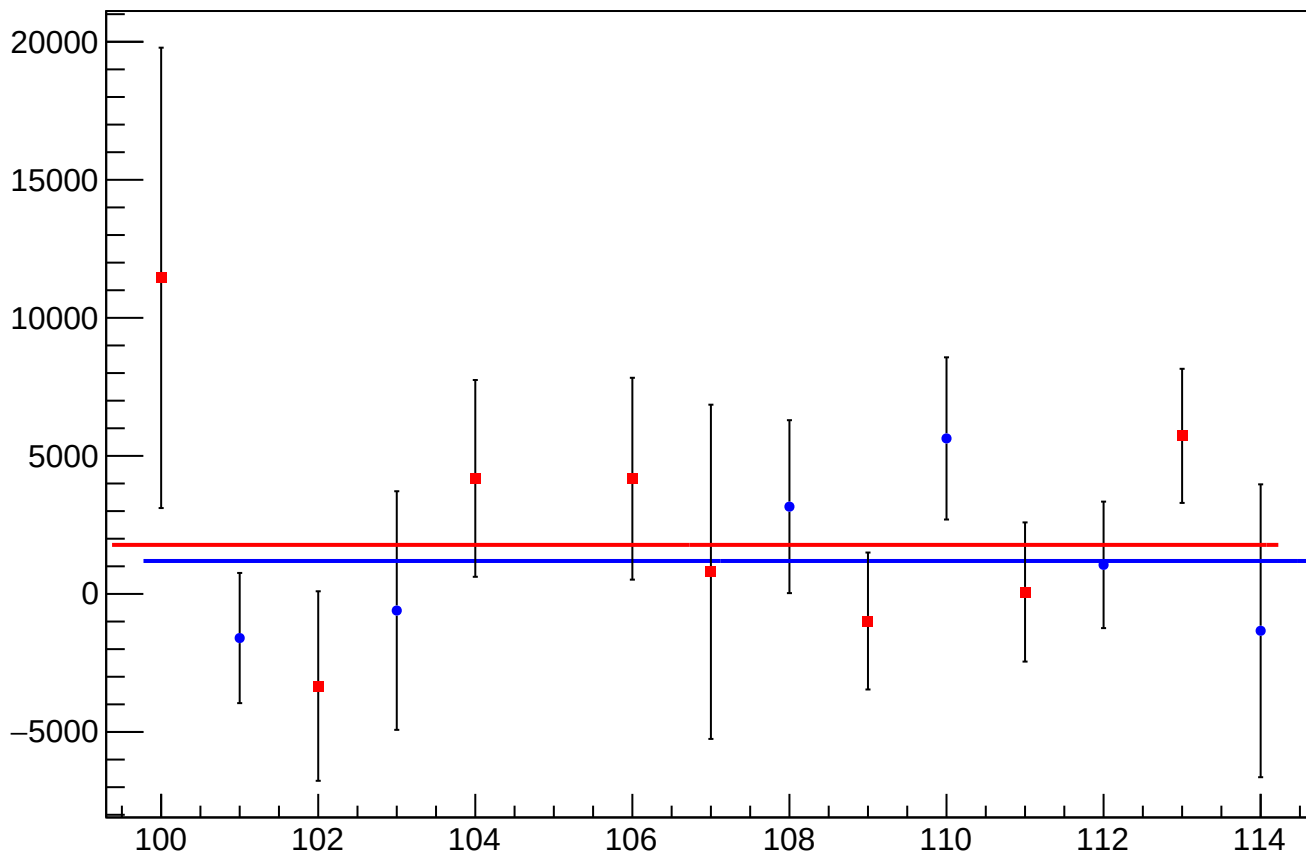
Right: 2159.317+/-0.656 χ^2/NDF : 671641.1/13

In: 2160.860+/-0.993 χ^2/NDF : 550286.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.317+/-0.656 χ^2/NDF : 671641.1/13

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

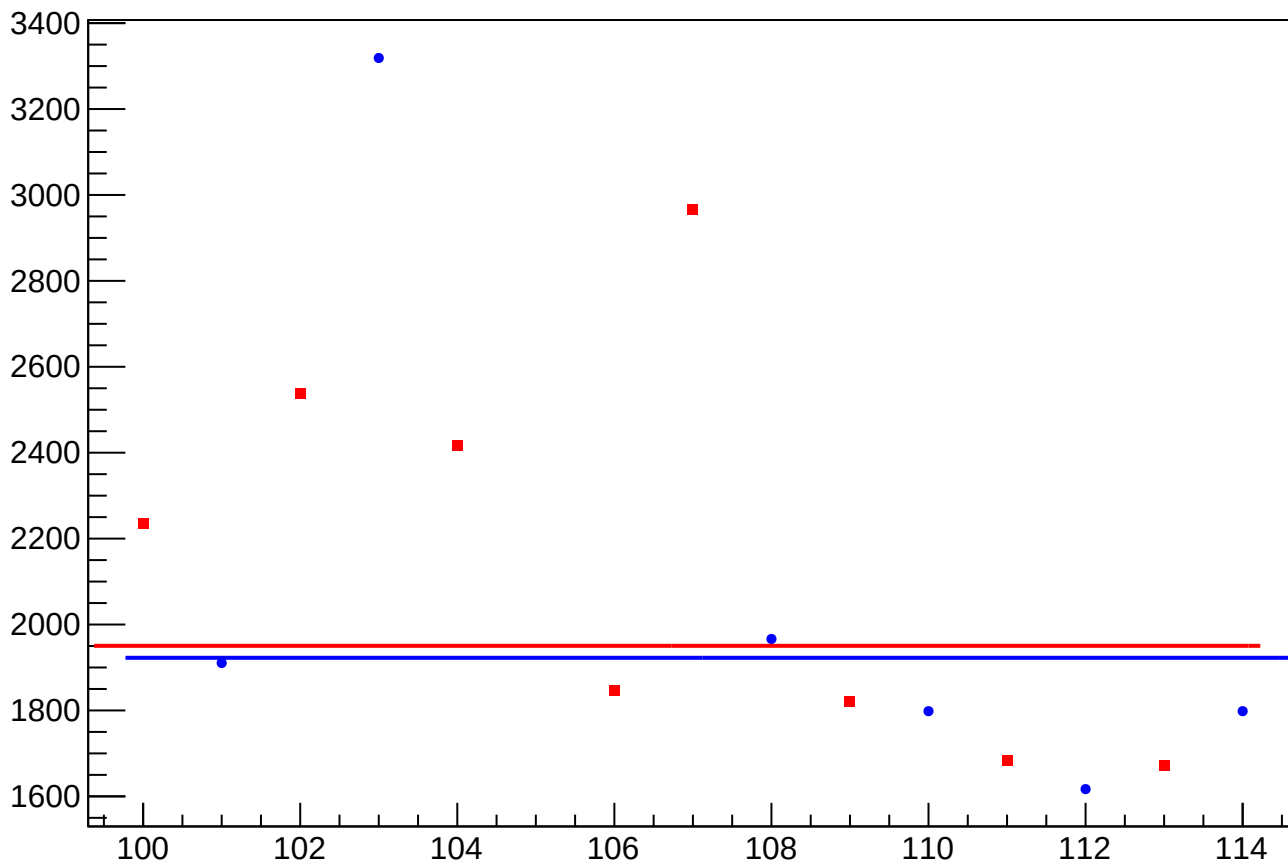
Right: 1503.462+/-831.338 χ^2/NDF : 13.4/13

In: 1193.466+/-1215.044 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.462+/-831.338 χ^2/NDF : 13.4/13

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1922.555+/-0.859 χ^2/NDF : 249518.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.437+/-0.806 χ^2/NDF : 207731.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

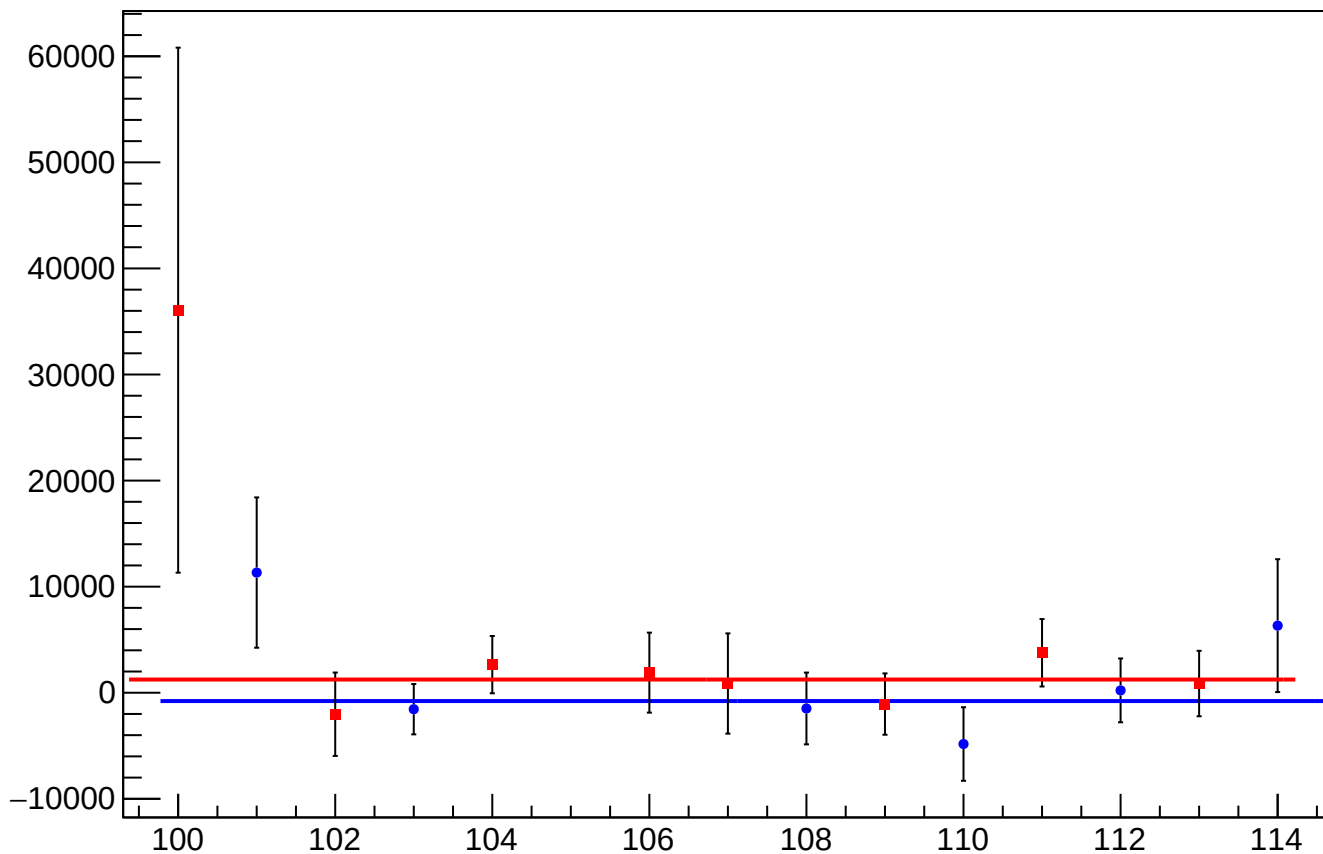
Right: 1937.384+/-0.588 χ^2/NDF : 457810.6/13

In: 1922.555+/-0.859 χ^2/NDF : 249518.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.384+/-0.588 χ^2/NDF : 457810.6/13

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

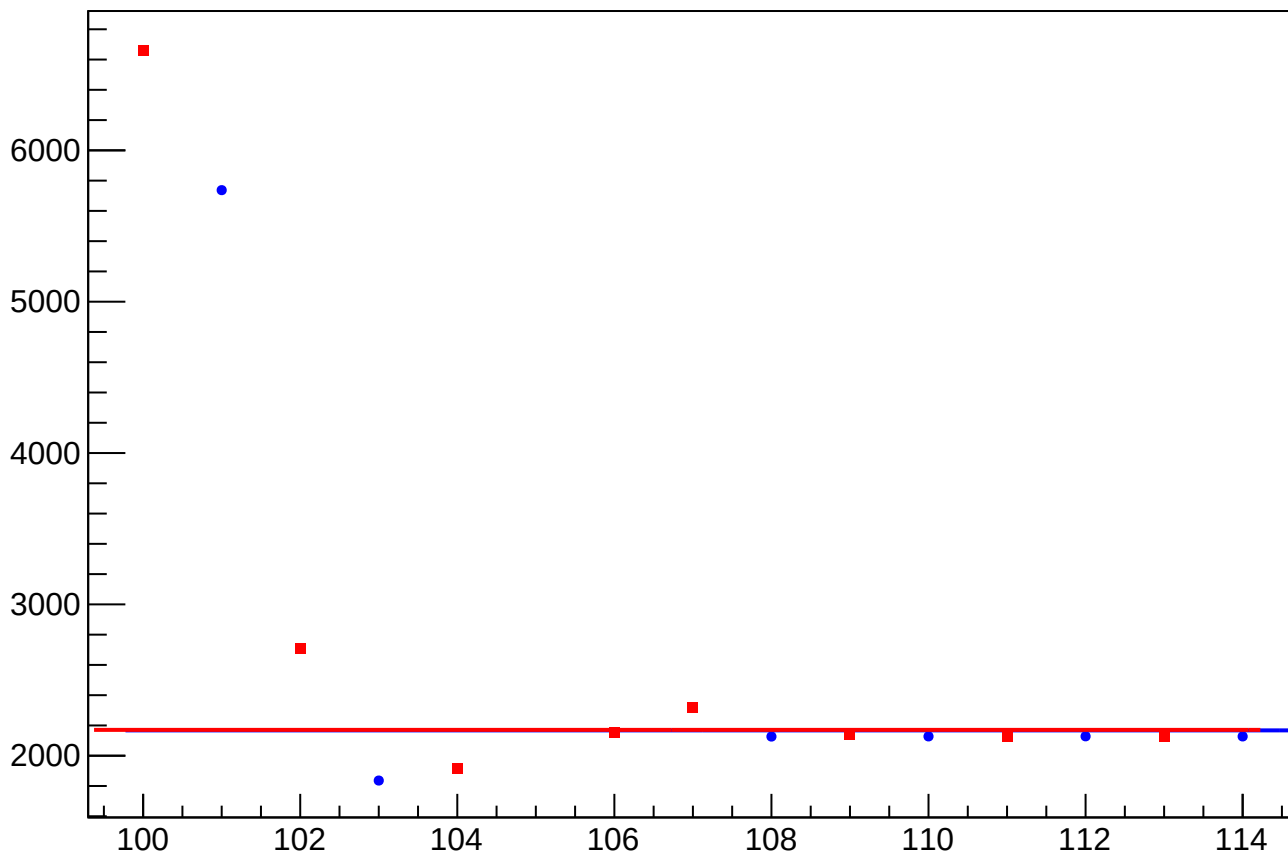
Right: 352.530+/-934.008 χ^2/NDF : 11.3/13

In: -784.685+/-1408.384 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.530+/-934.008 χ^2/NDF : 11.3/13

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2167.436+/-0.996 χ^2/NDF : 547729.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.738+/-0.882 χ^2/NDF : 124763.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

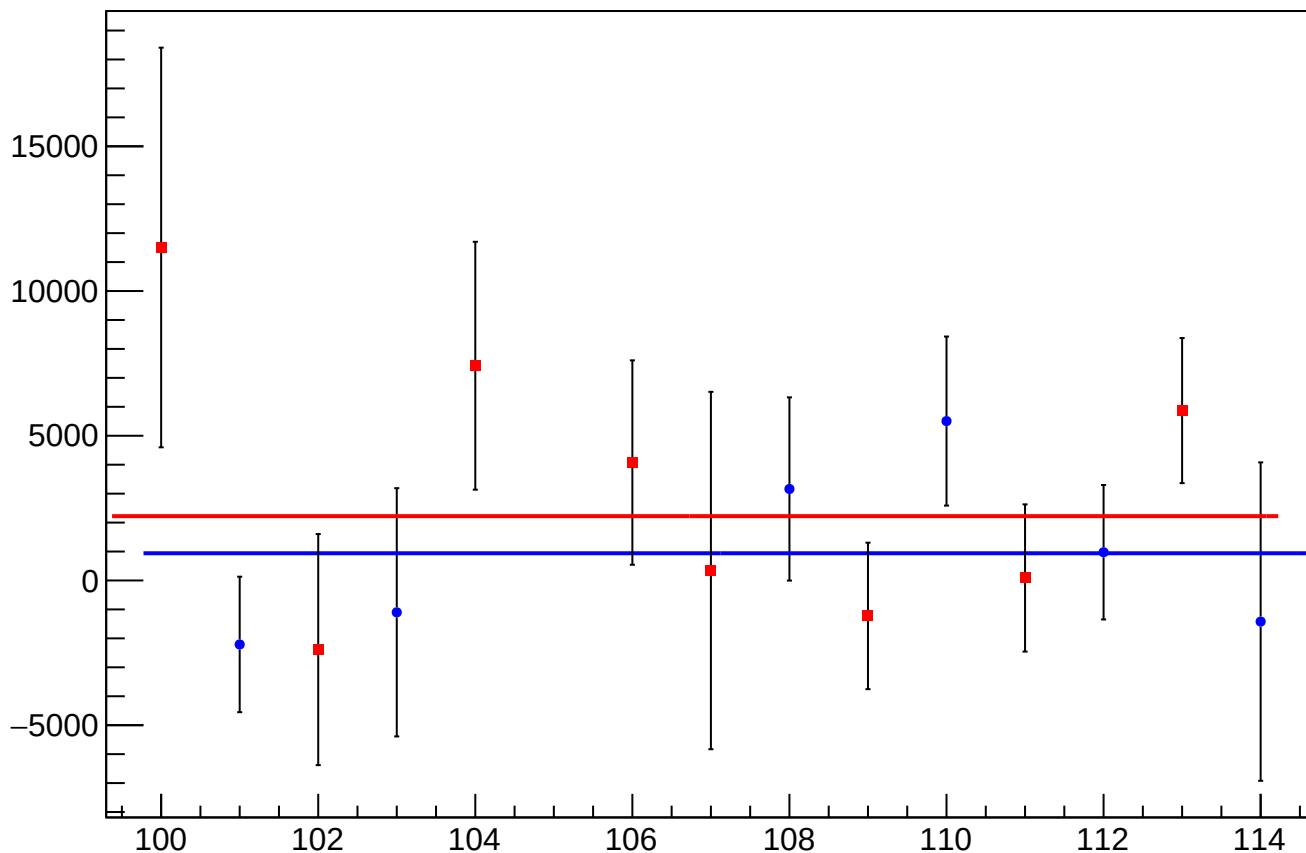
Right: 2169.286+/-0.660 χ^2/NDF : 672498.8/13

In: 2167.436+/-0.996 χ^2/NDF : 547729.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.286+/-0.660 χ^2/NDF : 672498.8/13

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

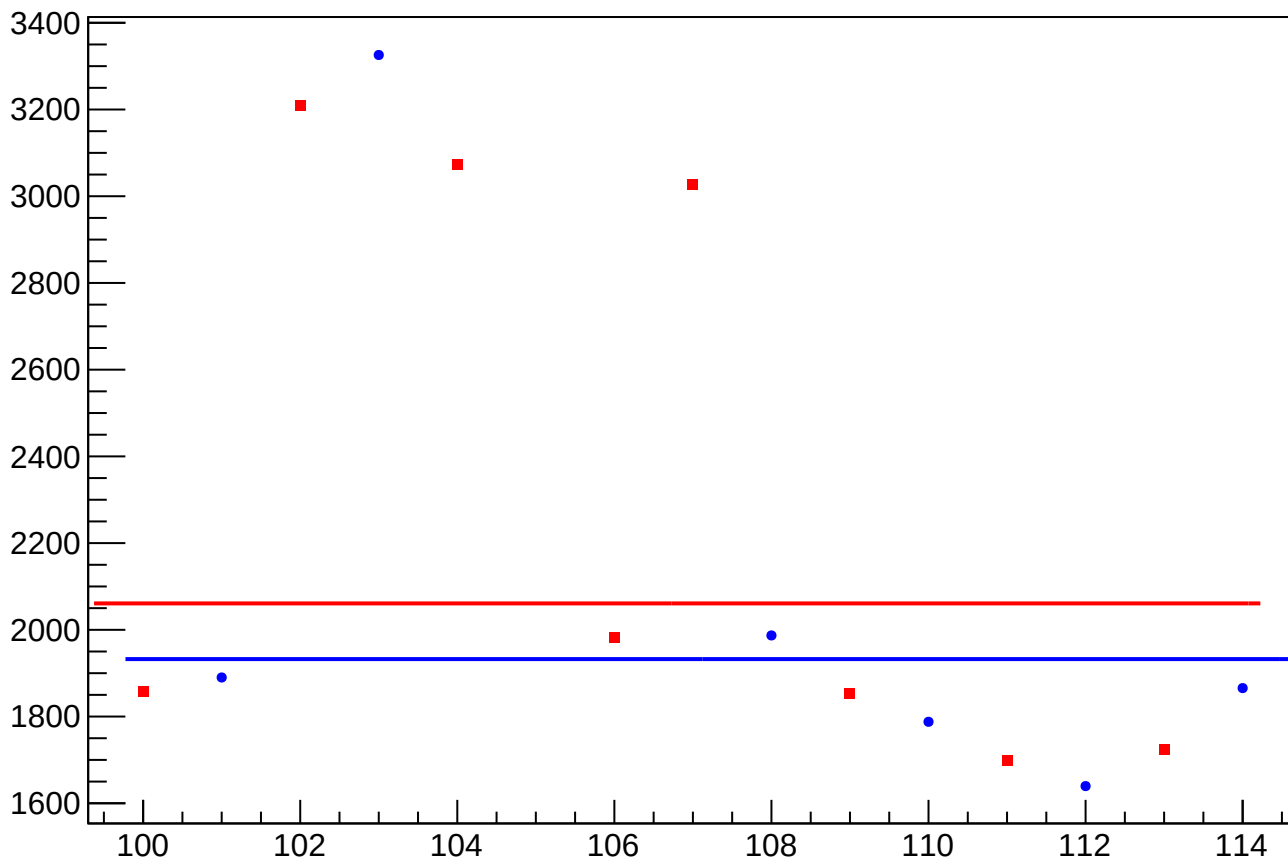
Right: 1600.921+/-849.148 χ^2/NDF : 15.4/13

In: 940.266+/-1219.704 χ^2/NDF : 5.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.921+/-849.148 χ^2/NDF : 15.4/13

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1932.516+/-0.862 χ^2/NDF : 249280.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2060.927+/-0.836 χ^2/NDF : 419215.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

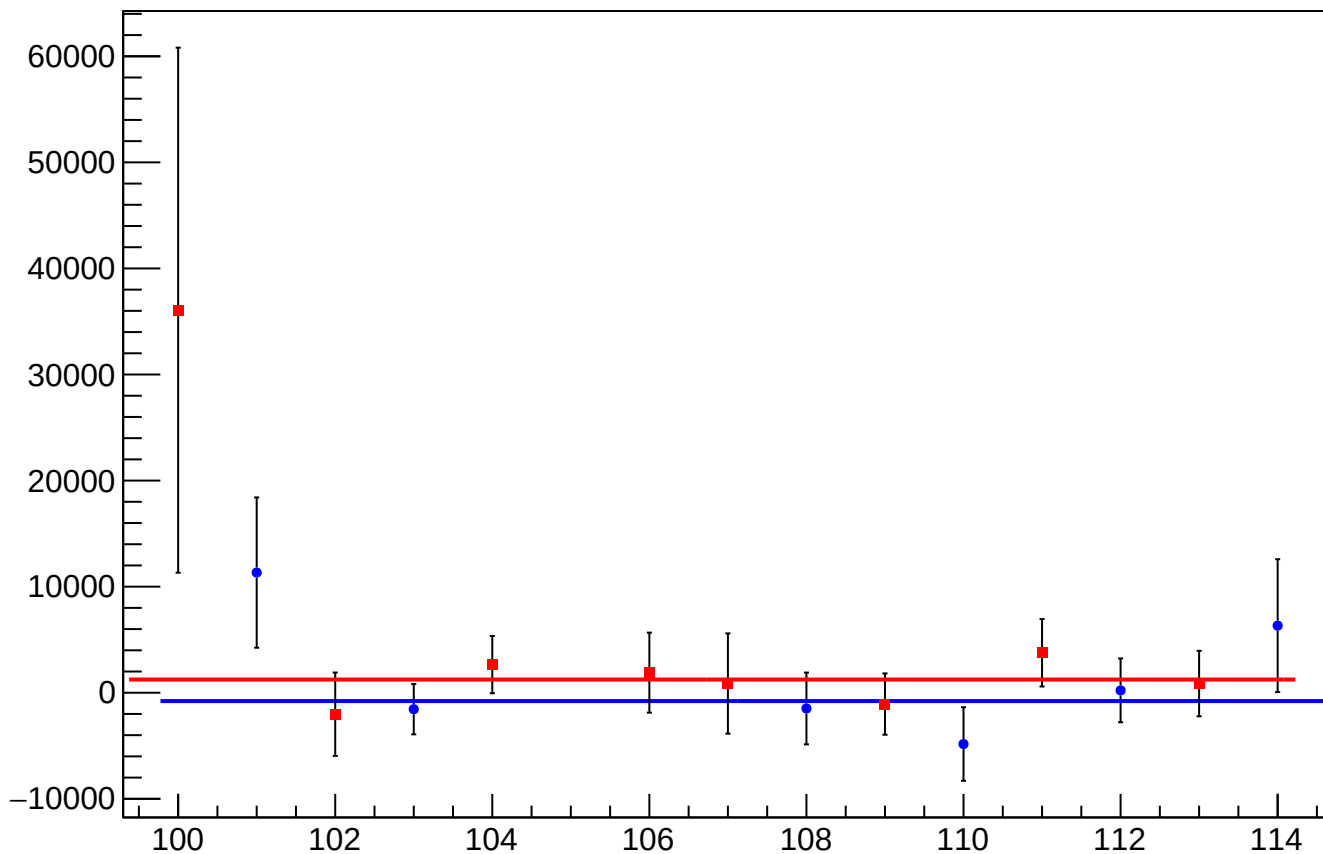
Right: 1998.688+/-0.600 χ^2/NDF : 679919.8/13

In: 1932.516+/-0.862 χ^2/NDF : 249280.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.688+/-0.600 χ^2/NDF : 679919.8/13

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

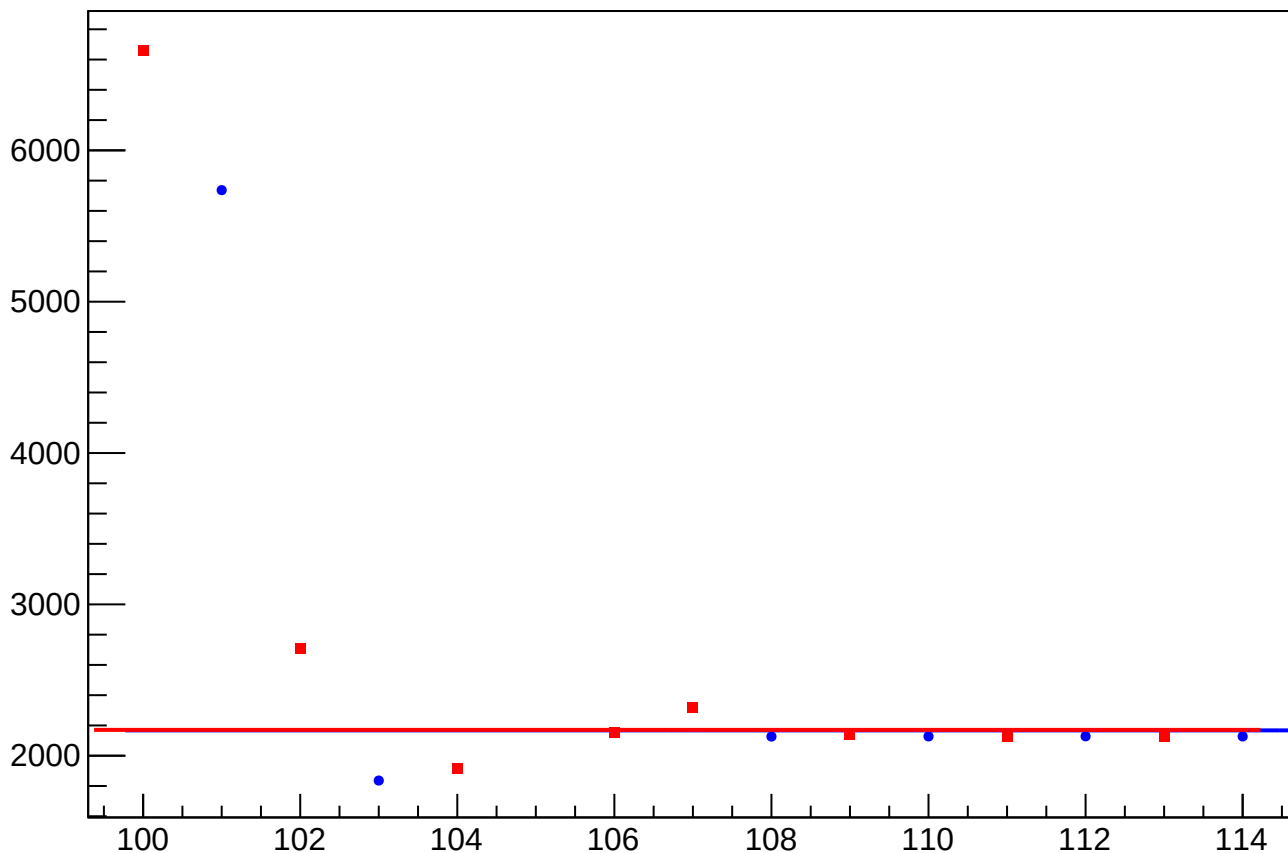
Right: 352.530+/-934.007 χ^2/NDF : 11.3/13

In: -784.685+/-1408.384 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.530+/-934.007 χ^2/NDF : 11.3/13

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2167.436+/-0.996 χ^2/NDF : 547729.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.738+/-0.882 χ^2/NDF : 124763.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

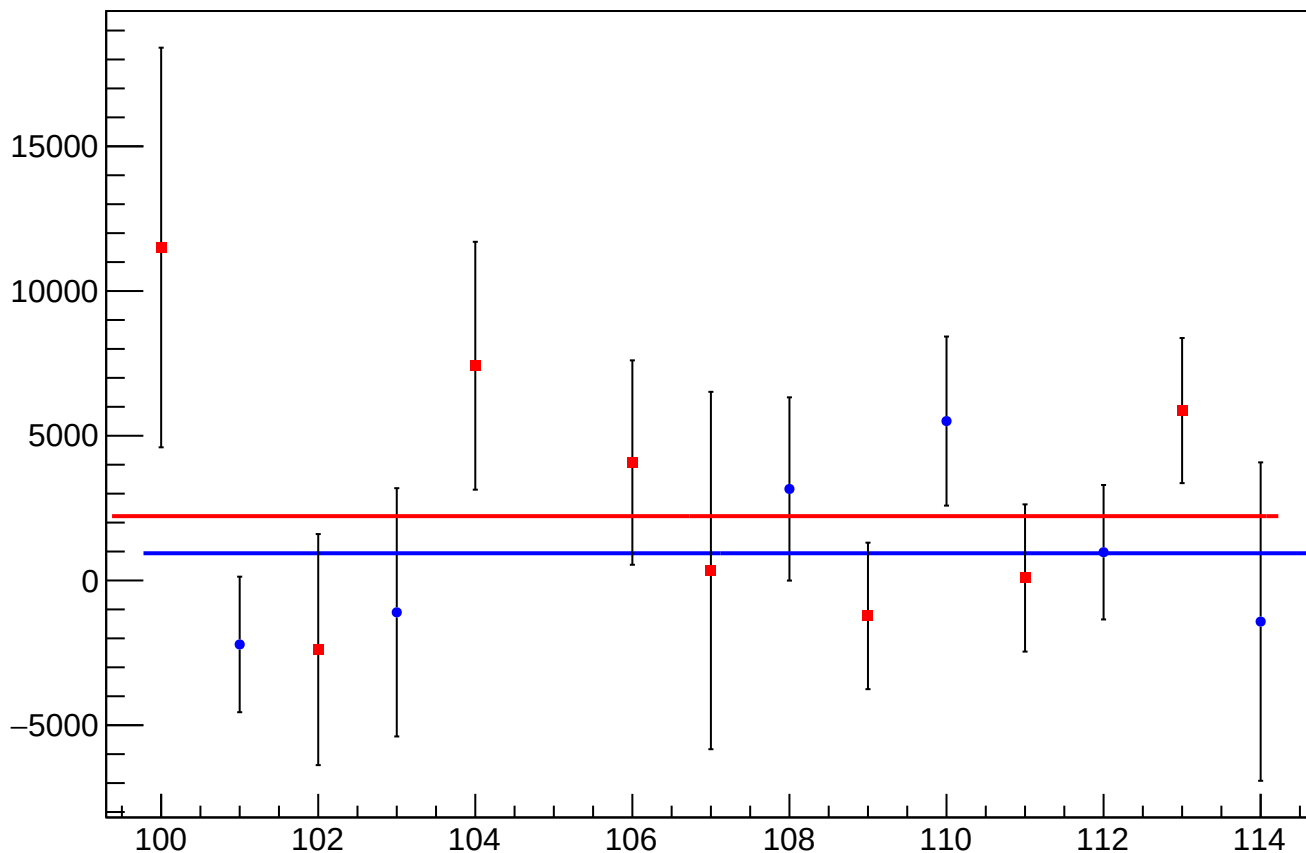
Right: 2169.286+/-0.660 χ^2/NDF : 672498.9/13

In: 2167.436+/-0.996 χ^2/NDF : 547729.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.286+/-0.660 χ^2/NDF : 672498.9/13

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

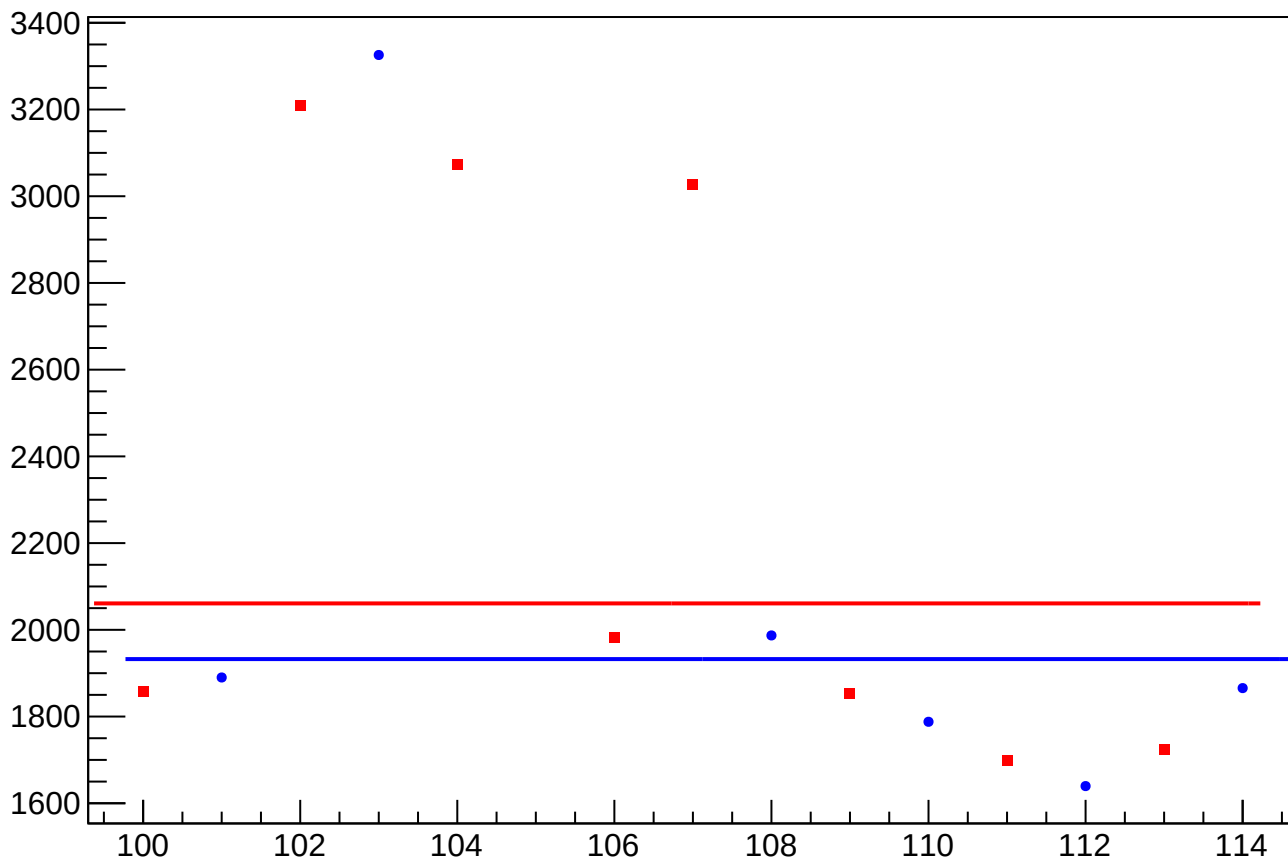
Right: 1600.920+/-849.146 χ^2/NDF : 15.4/13

In: 940.267+/-1219.701 χ^2/NDF : 5.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.920+/-849.146 χ^2/NDF : 15.4/13

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1932.512+/-0.862 χ^2/NDF : 249282.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2060.924+/-0.836 χ^2/NDF : 419221.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

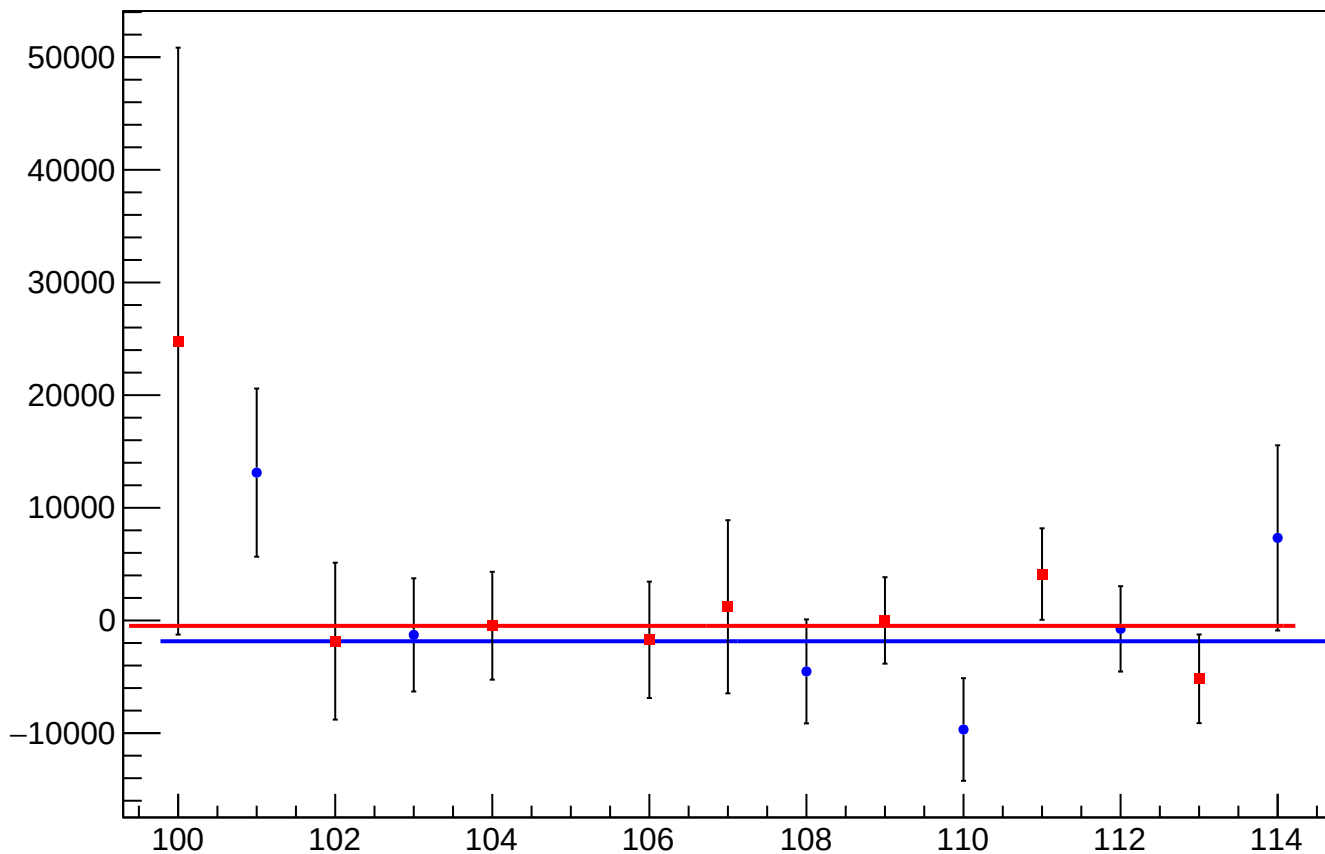
Right: 1998.685+/-0.600 χ^2/NDF : 679927.8/13

In: 1932.512+/-0.862 χ^2/NDF : 249282.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.685+/-0.600 χ^2/NDF : 679927.8/13

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

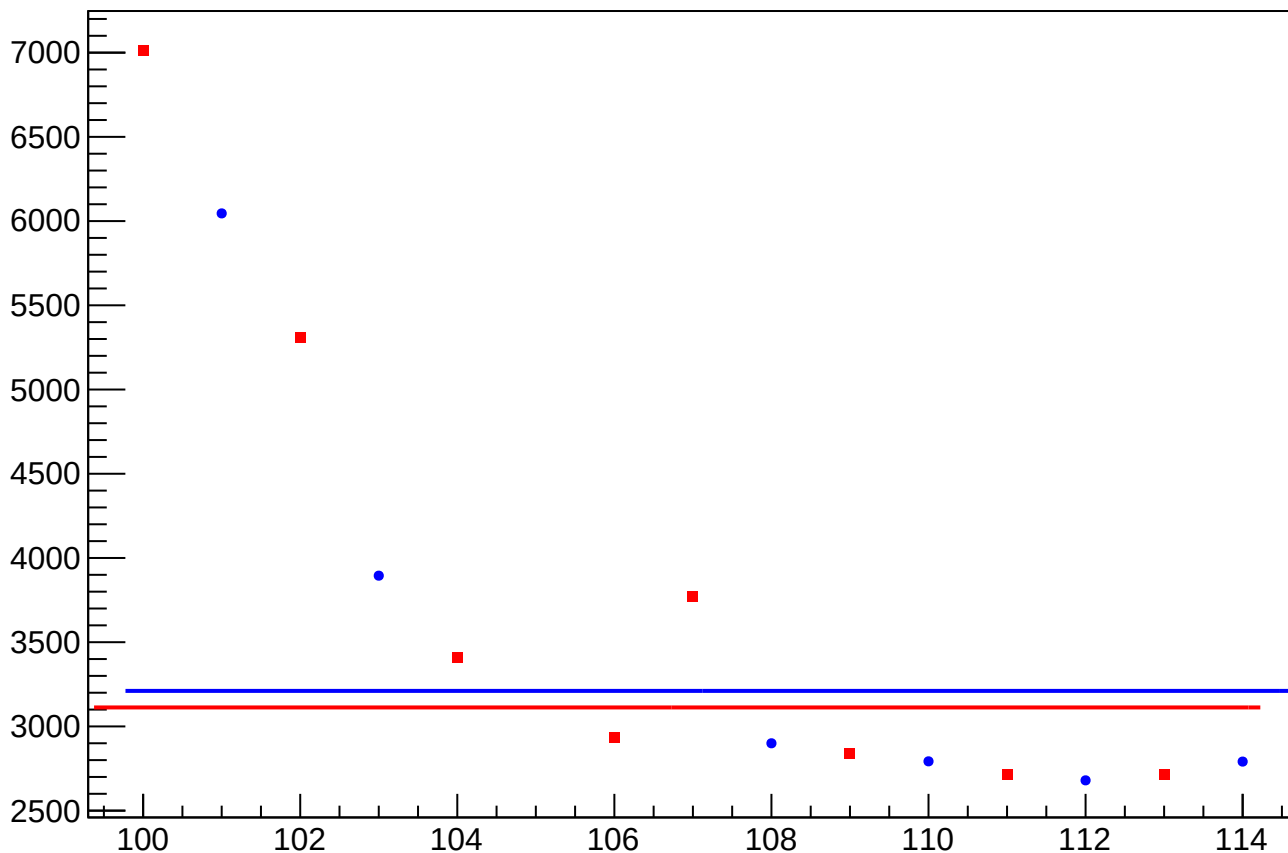
Right: -1066.825+/-1347.708 χ^2/NDF : 12.7/13

In: -1844.671+/-2053.038 χ^2/NDF : 8.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1066.825+/-1347.708 χ^2/NDF : 12.7/13

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3210.906+/-1.452 χ^2/NDF : 396011.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3112.648+/-1.263 χ^2/NDF : 318899.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

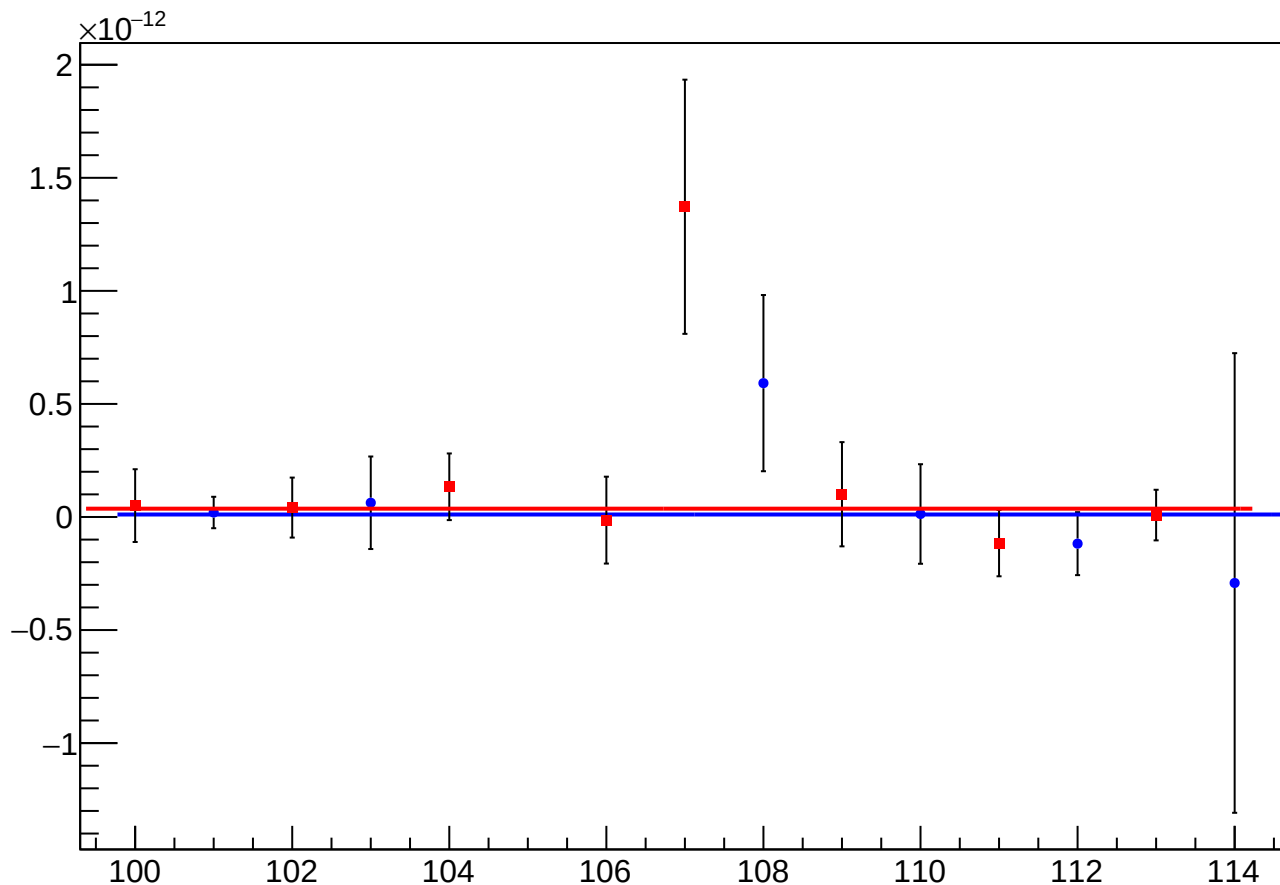
Right: 3154.989+/-0.953 χ^2/NDF : 717517.7/13

In: 3210.906+/-1.452 χ^2/NDF : 396011.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3154.989+/-0.953 χ^2/NDF : 717517.7/13

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

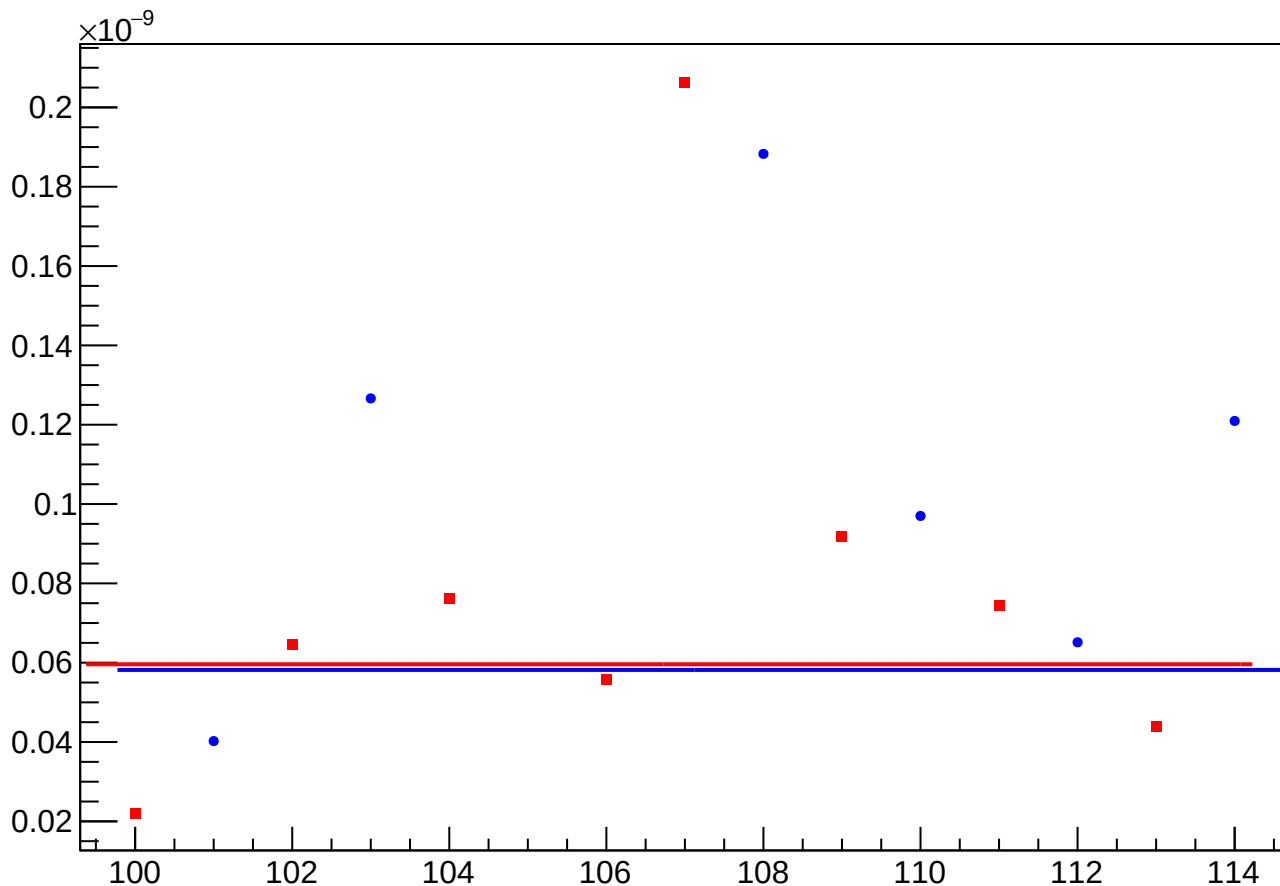
Right: 0.000+/-0.000 χ^2/NDF : 10.7/13

In: 0.000+/-0.000 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/13

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

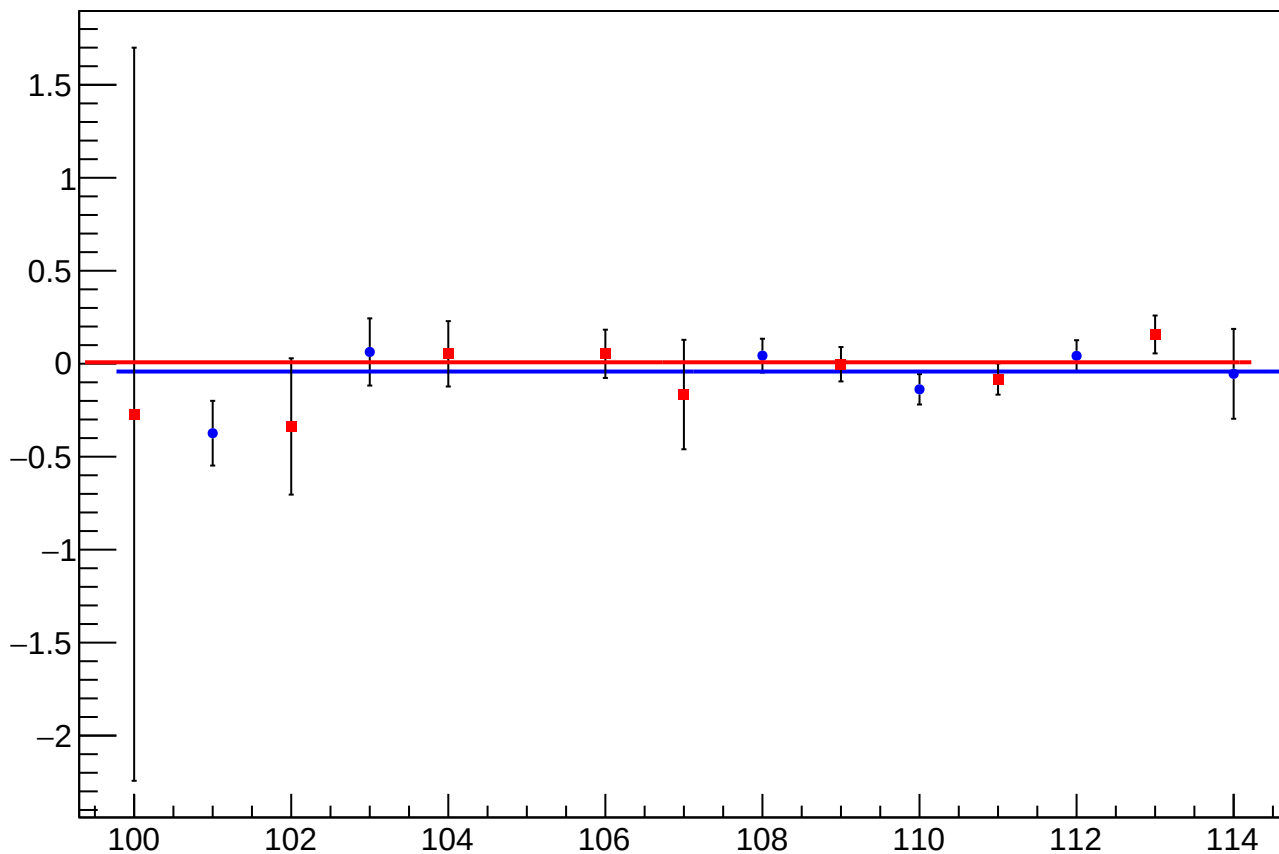
Right: 0.000+/-0.000 χ^2/NDF : 1027699.3/13

In: 0.000+/-0.000 χ^2/NDF : 655001.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1027699.3/13

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

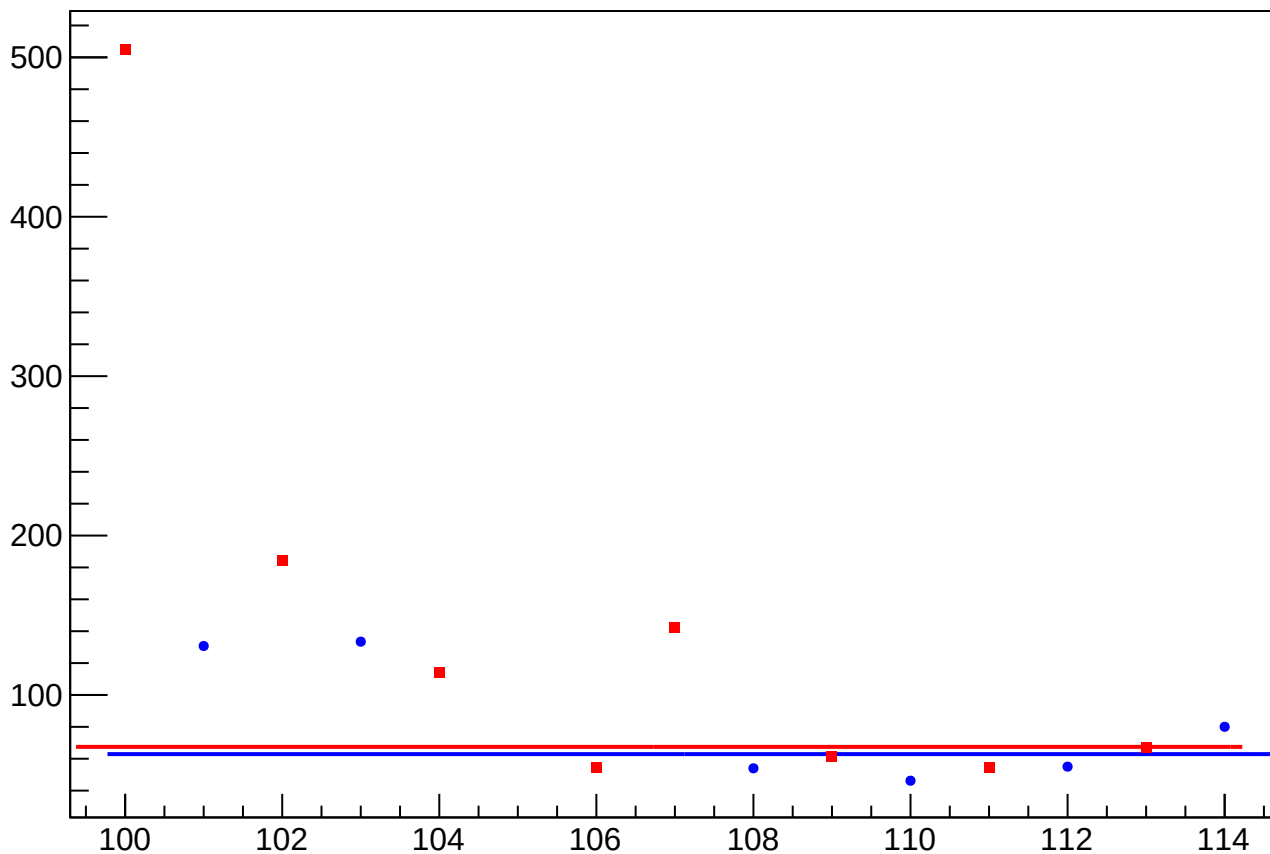
Right: -0.018 $\pm$ 0.032 χ^2 /NDF: 12.6/13

In: -0.042 $\pm$ 0.045 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.032 χ^2 /NDF: 12.6/13

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

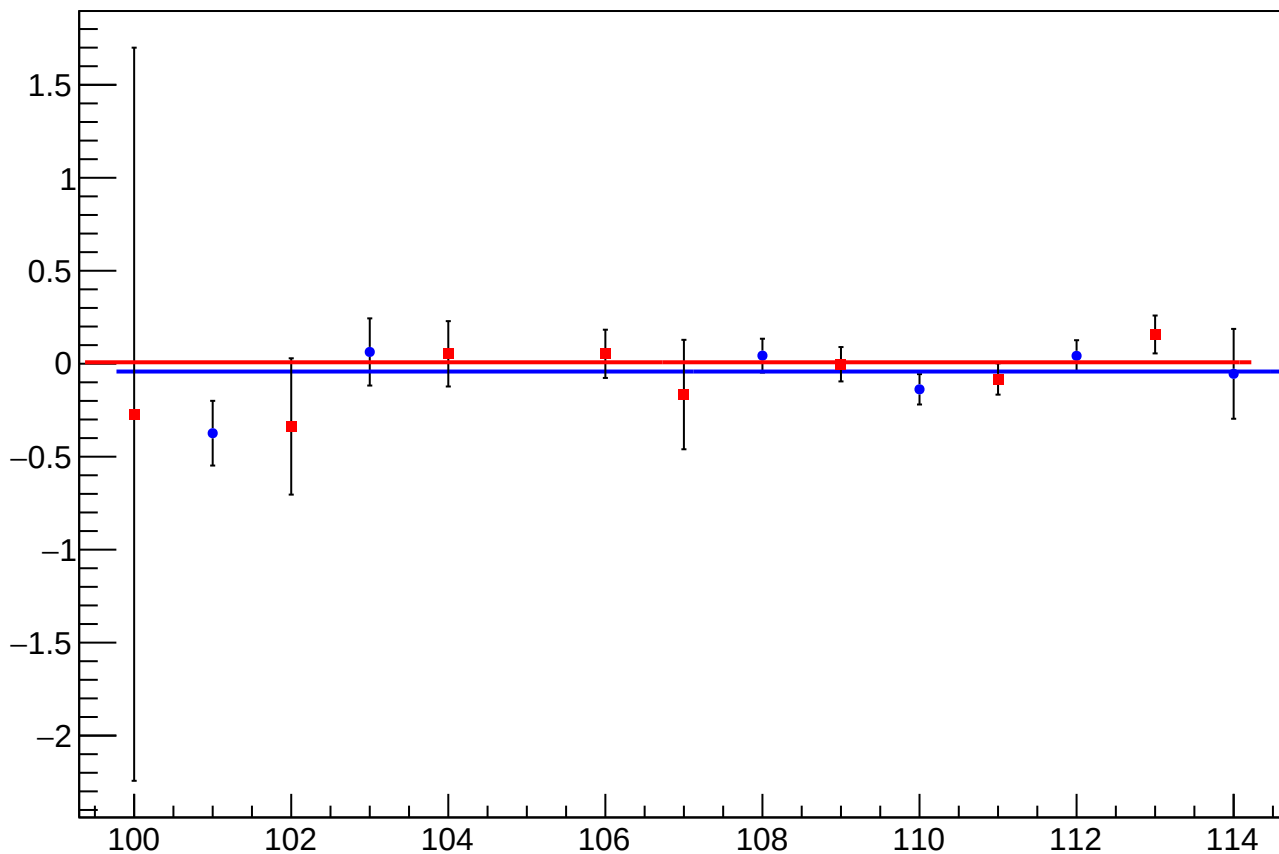
Right: 65.104+/-0.023 χ^2/NDF : 1397796.3/13

In: 62.899+/-0.032 χ^2/NDF : 739101.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.104+/-0.023 χ^2/NDF : 1397796.3/13

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042+/-0.045 χ^2/NDF : 7.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.046 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

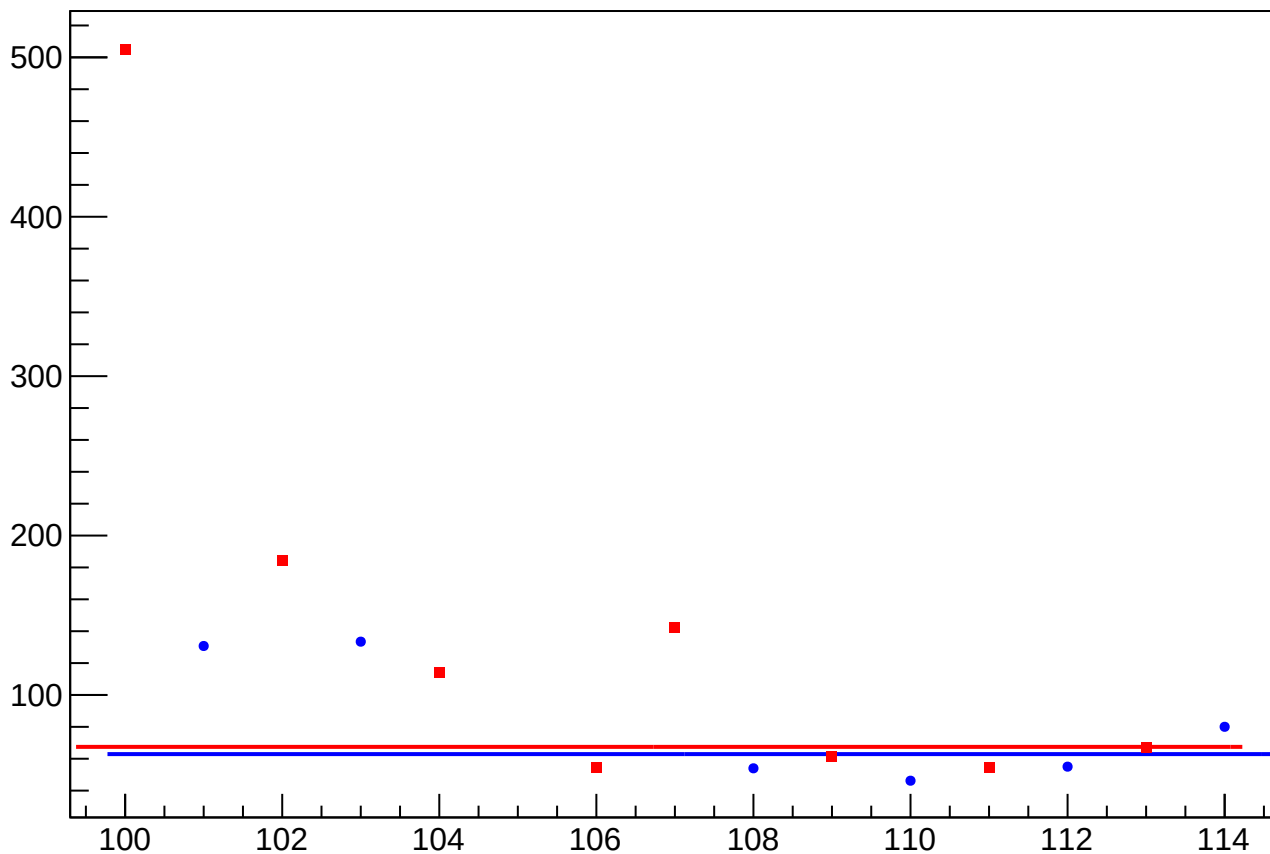
Right: -0.018+/-0.032 χ^2/NDF : 12.6/13

In: -0.042+/-0.045 χ^2/NDF : 7.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.032 χ^2/NDF : 12.6/13

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

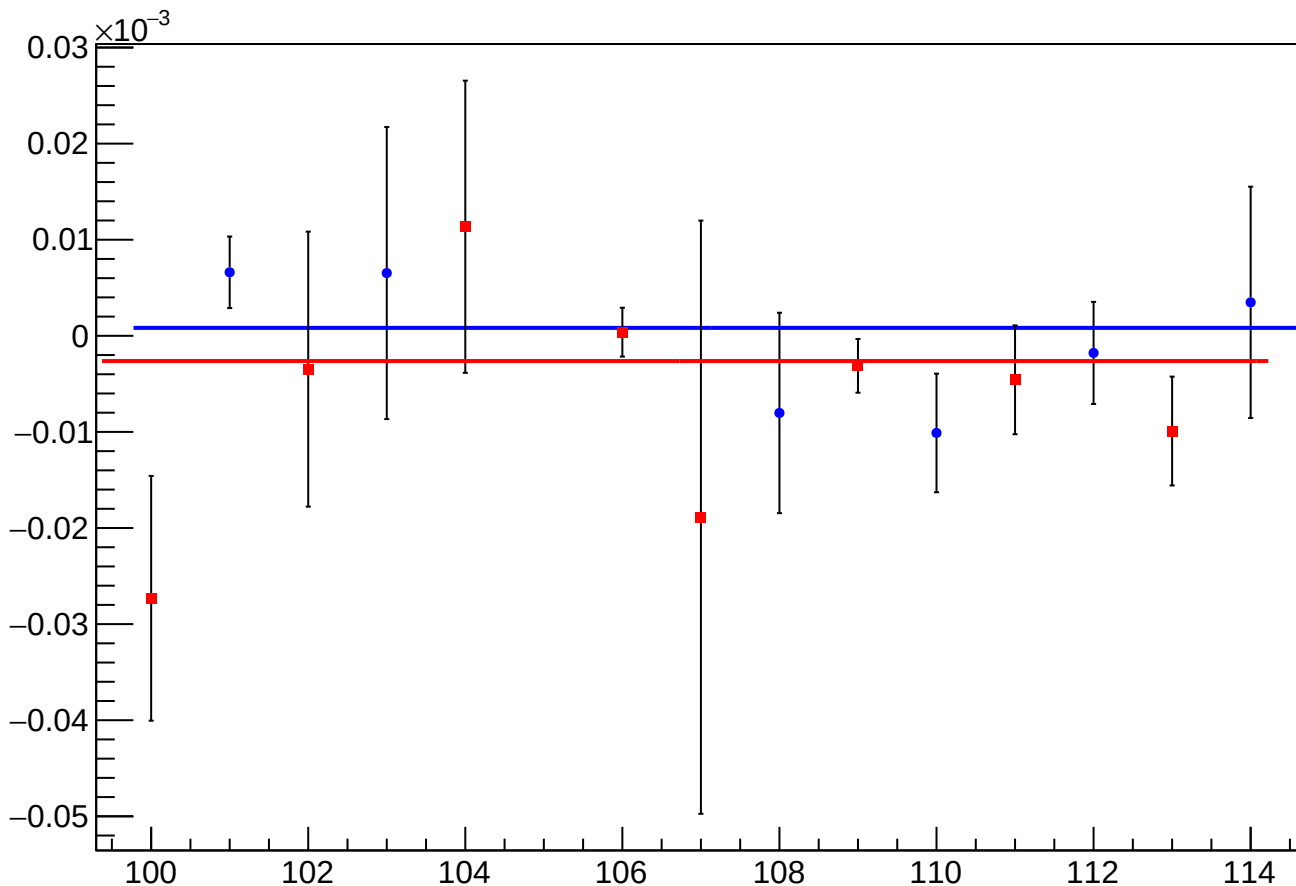
Right: 65.104+/-0.023 χ^2/NDF : 1397796.3/13

In: 62.899+/-0.032 χ^2/NDF : 739101.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.104+/-0.023 χ^2/NDF : 1397796.3/13

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

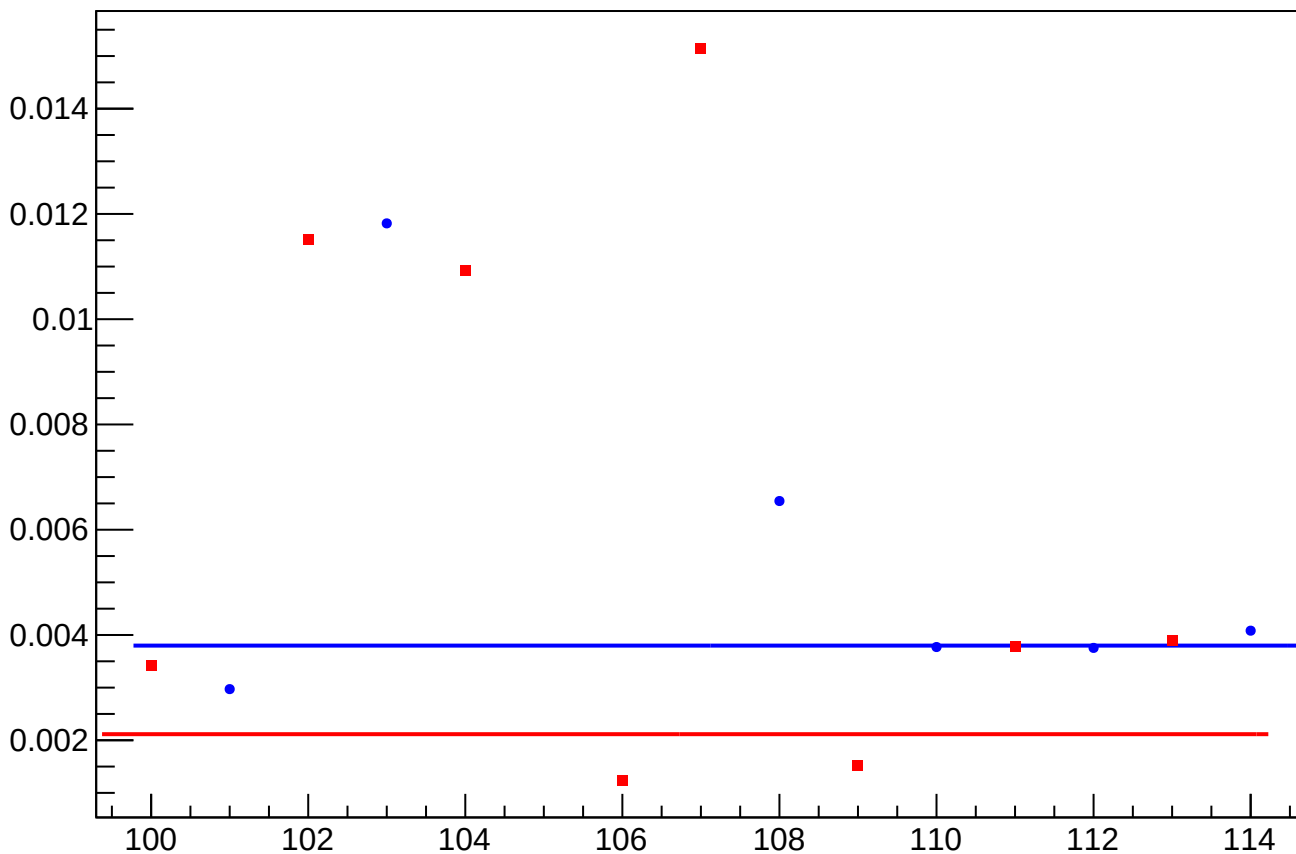
Right: -0.000+/-0.000 χ^2/NDF : 16.1/13

In: 0.000+/-0.000 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.1/13

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

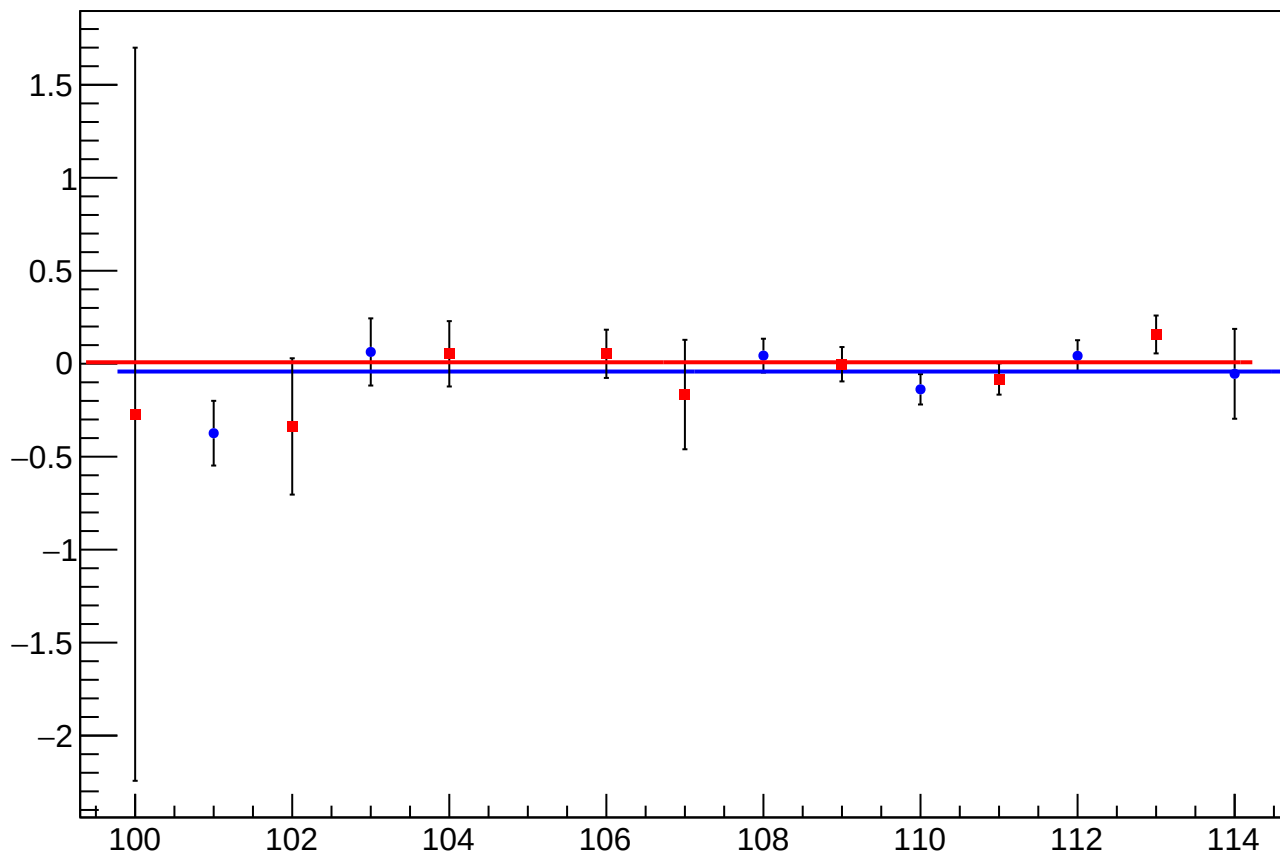
Right: 0.003+/-0.000 χ^2/NDF : 4027185.7/13

In: 0.004+/-0.000 χ^2/NDF : 796165.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4027185.7/13

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042±/0.045 χ^2 /NDF: 7.2/5

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 0.008±/0.046 χ^2 /NDF: 4.8/7

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

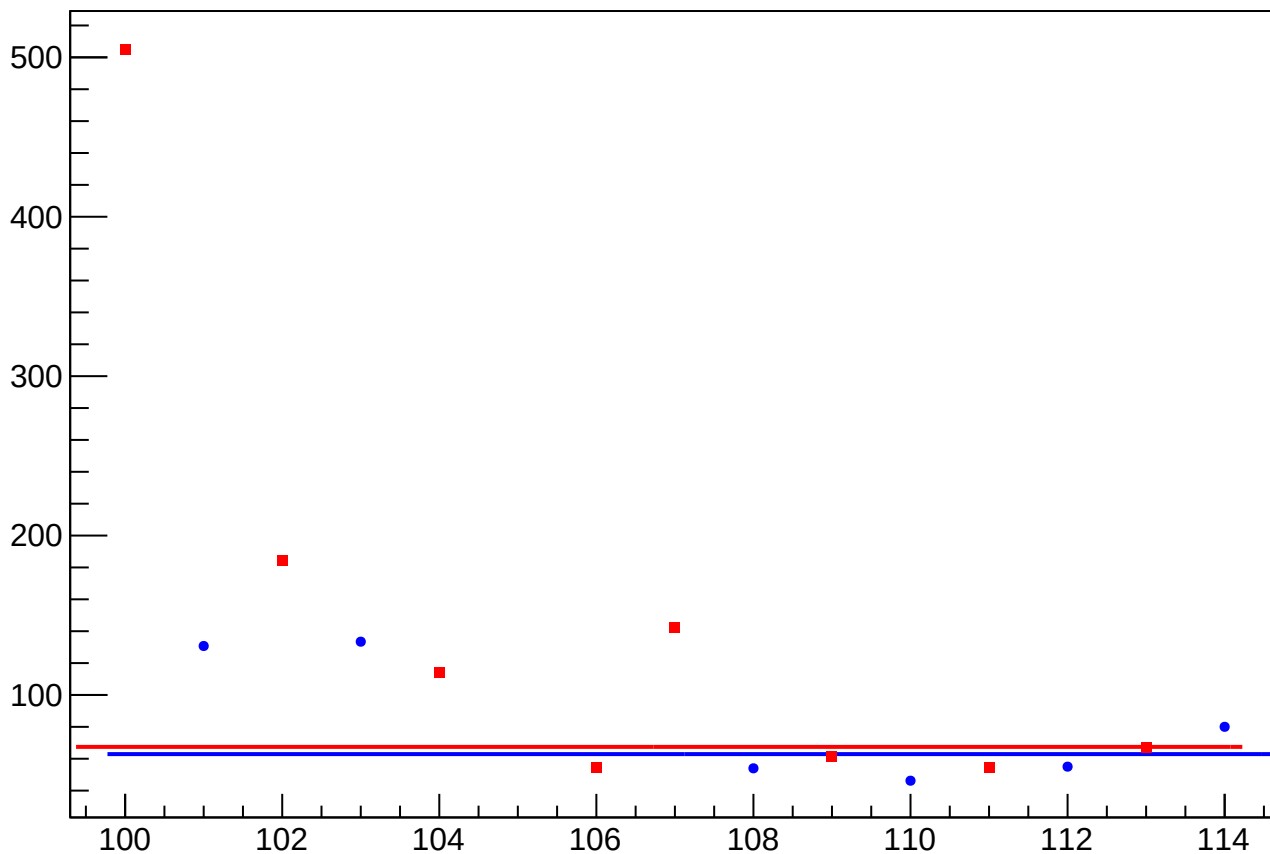
Right: -0.018±/0.032 χ^2 /NDF: 12.6/13

In: -0.042±/0.045 χ^2 /NDF:7.2/5

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.018±/0.032 χ^2 /NDF: 12.6/13

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

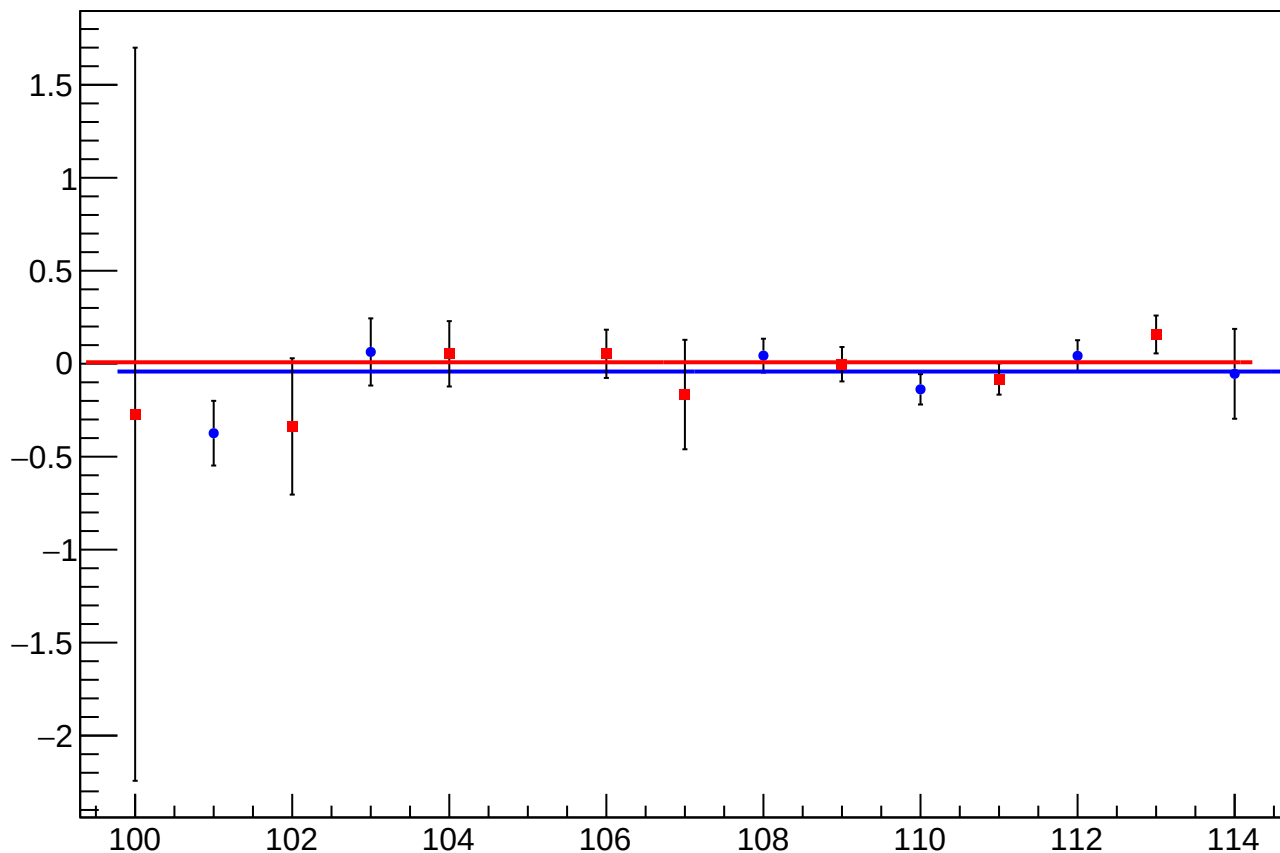
Right: 65.103 $\pm$ 0.023 χ^2 /NDF: 1397709.8/13

In: 62.898 $\pm$ 0.032 χ^2 /NDF:739057.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.103 $\pm$ 0.023 χ^2 /NDF: 1397709.8/13

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042±/0.045 χ^2 /NDF: 7.2/5

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 0.008±/0.046 χ^2 /NDF: 4.8/7

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

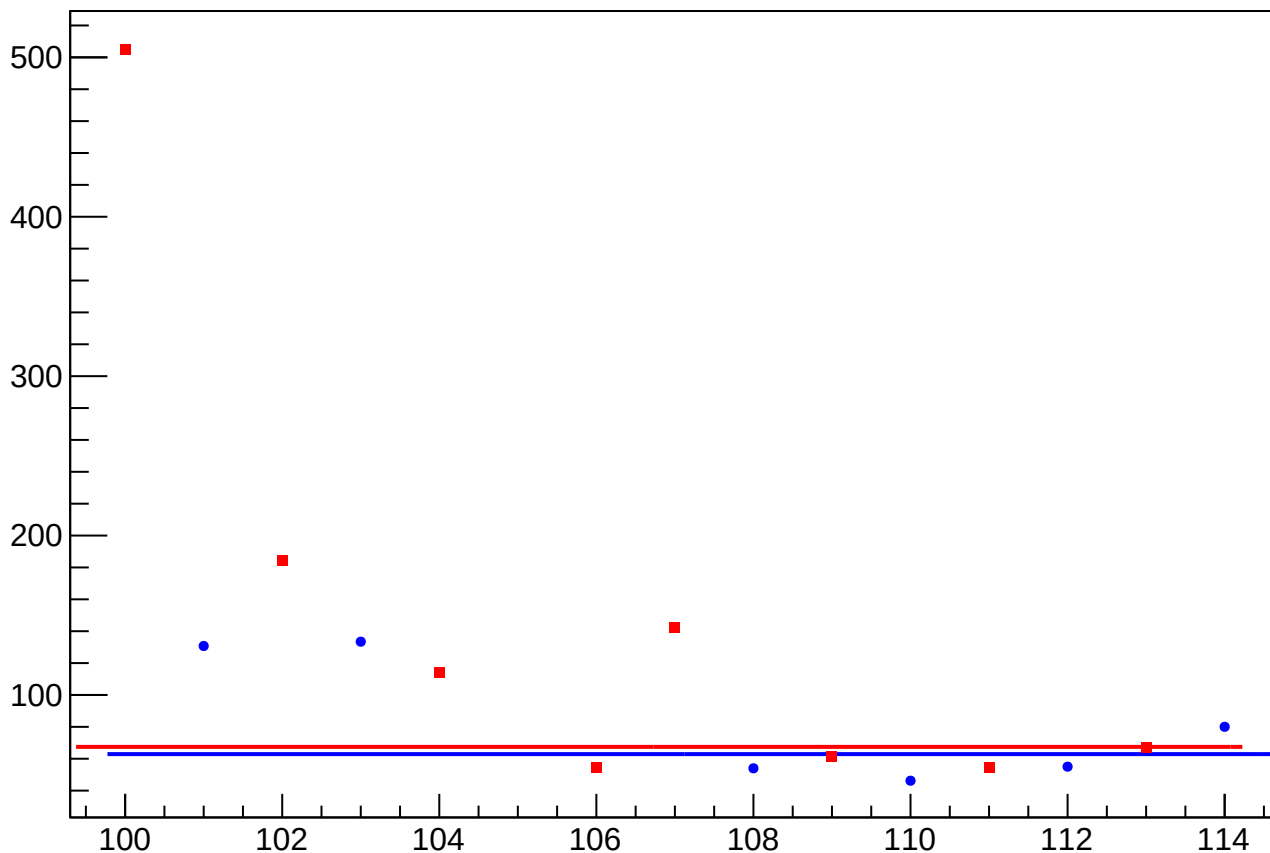
Right: -0.018±/0.032 χ^2 /NDF: 12.6/13

In: -0.042±/0.045 χ^2 /NDF:7.2/5

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.018±/0.032 χ^2 /NDF: 12.6/13

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

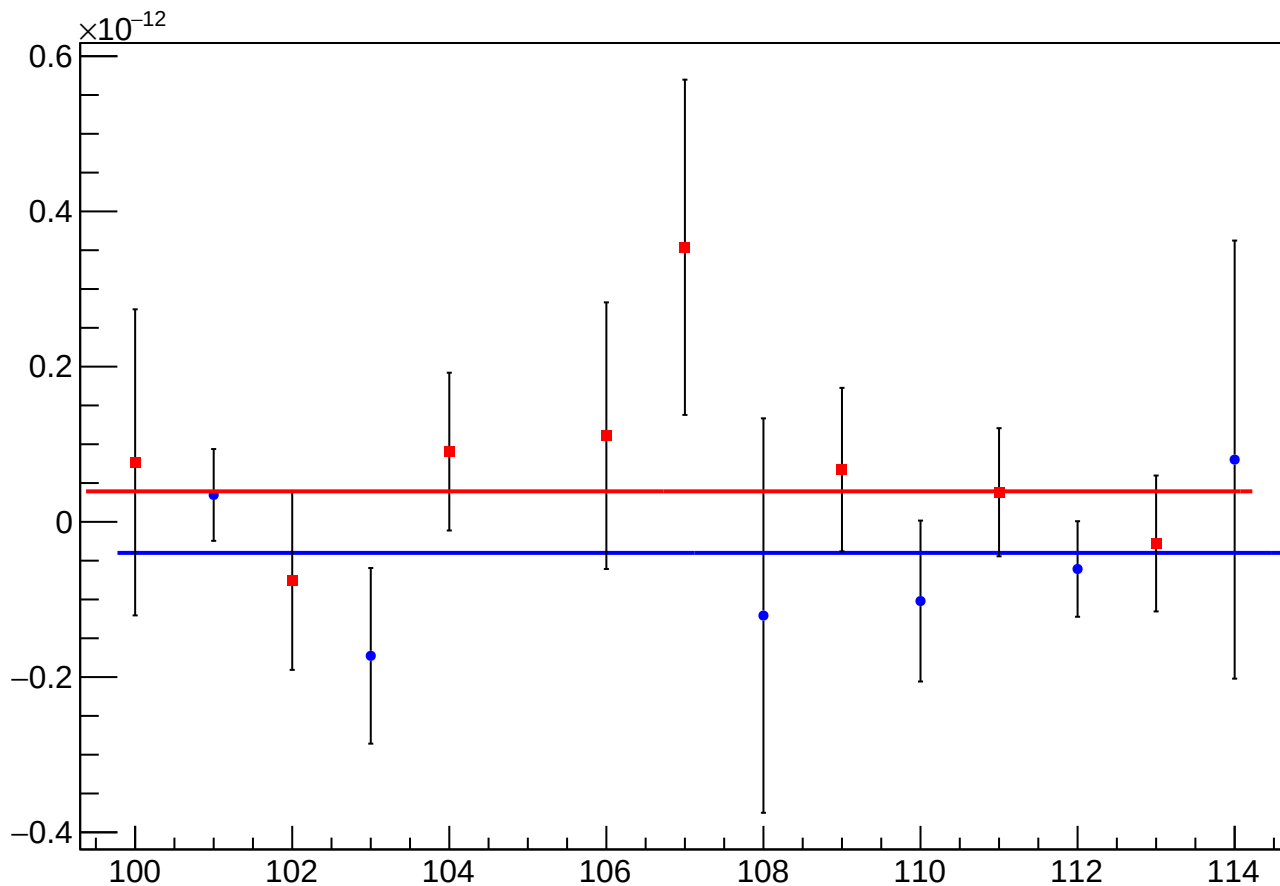
Right: 65.103+/-0.023 χ^2/NDF : 1397709.8/13

In: 62.898+/-0.032 χ^2/NDF : 739057.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.103+/-0.023 χ^2/NDF : 1397709.8/13

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

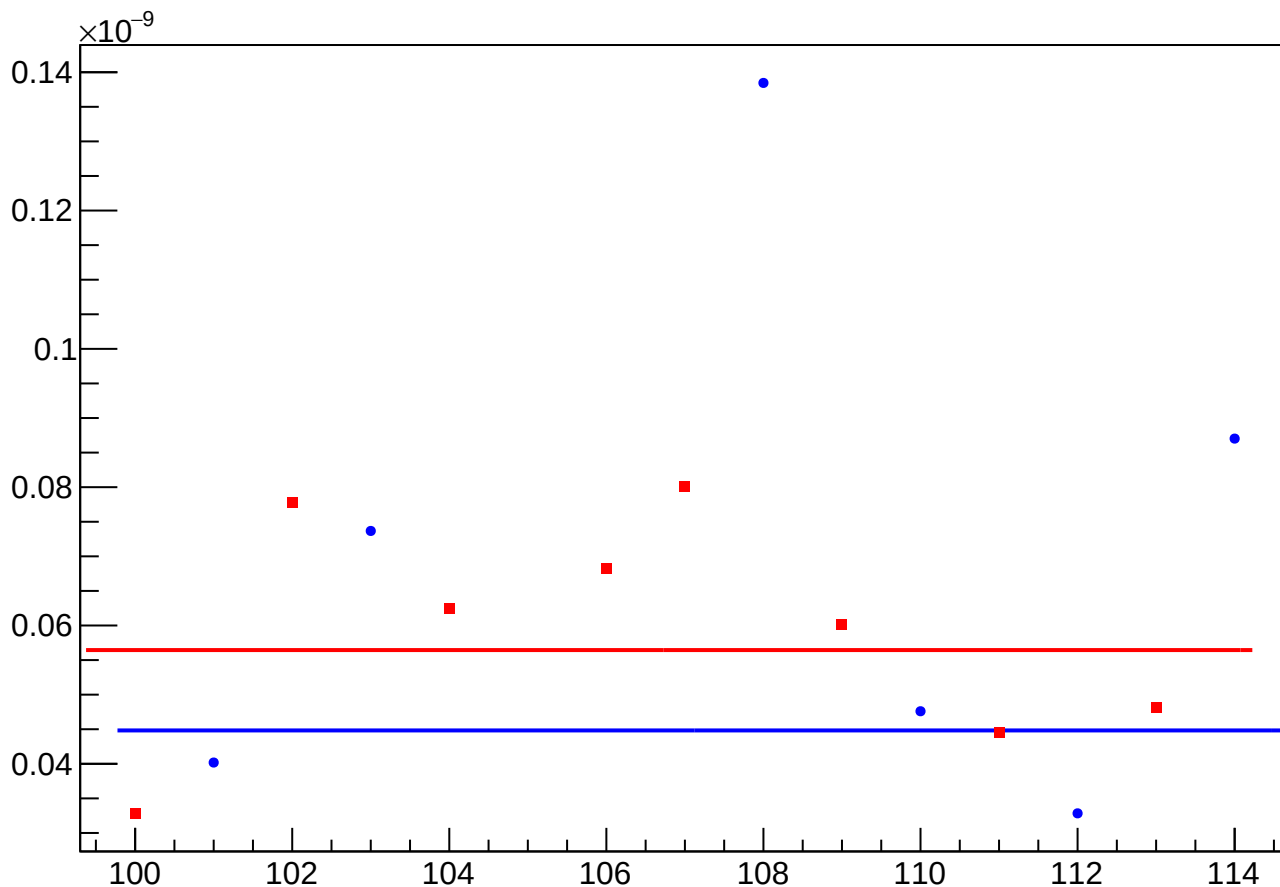
Right: -0.000+/-0.000 χ^2/NDF : 10.1/13

In: -0.000+/-0.000 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/13

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

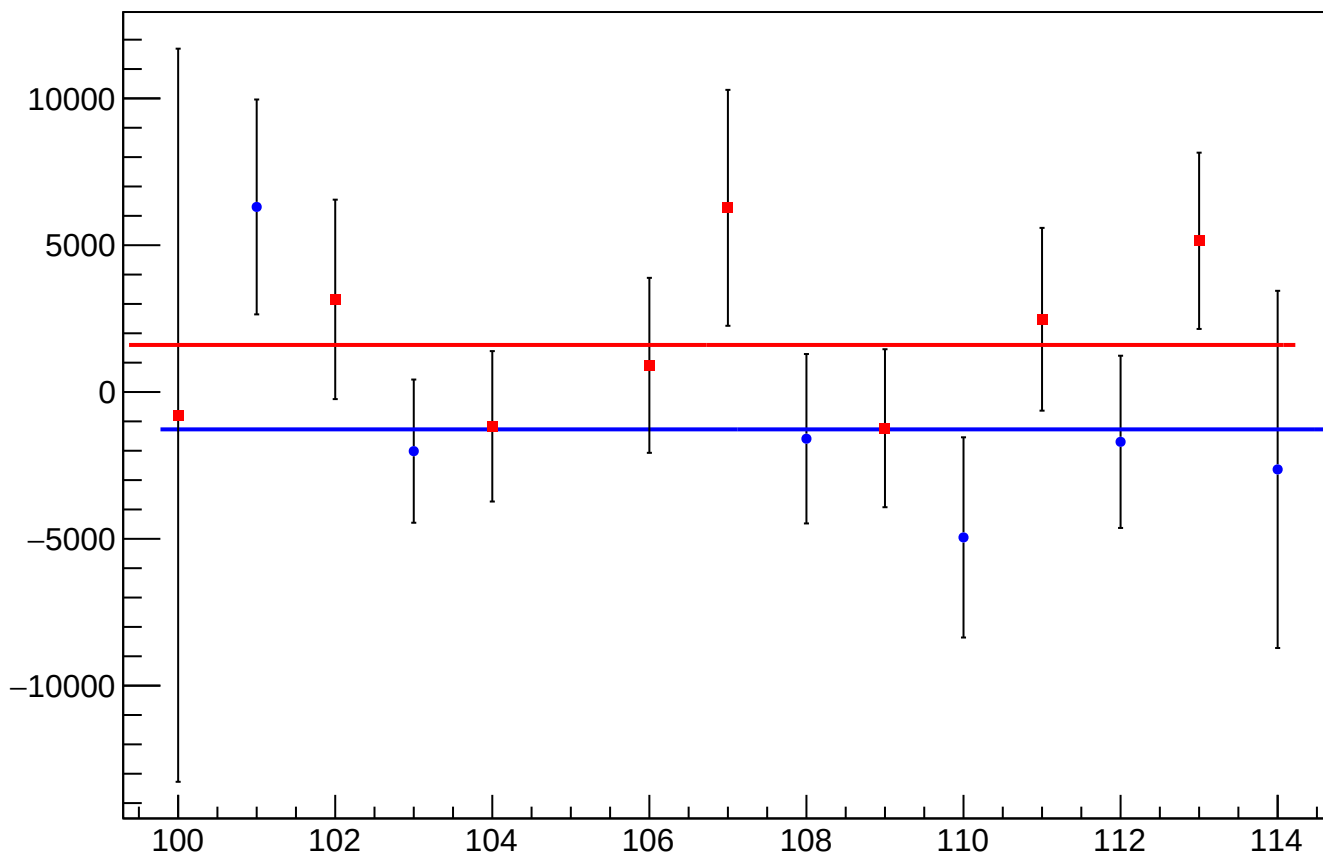
Right: 0.000+/-0.000 χ^2/NDF : 827978.5/13

In: 0.000+/-0.000 χ^2/NDF : 535806.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 827978.5/13

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

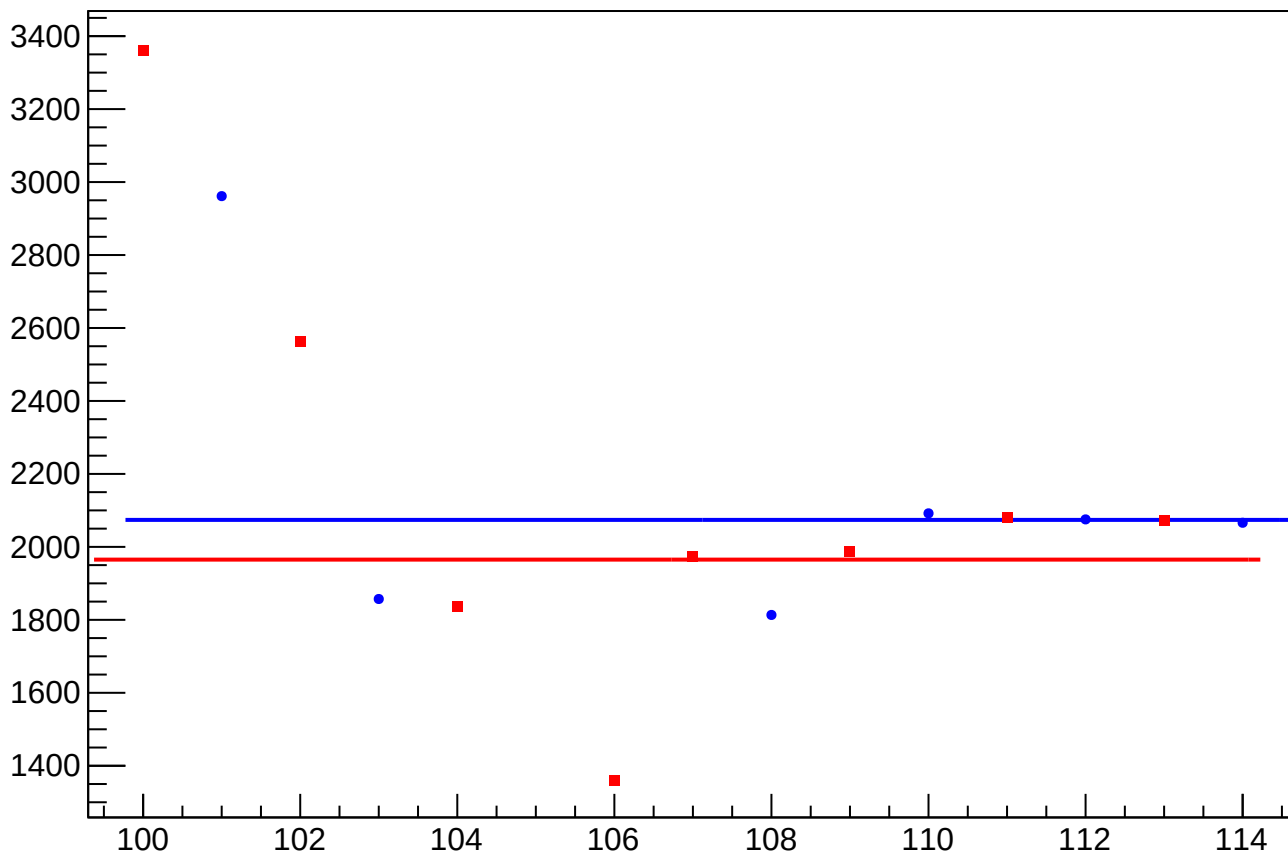
Right: 355.161+/-855.986 χ^2/NDF : 13.8/13

In: -1272.213+/-1299.344 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.161+/-855.986 χ^2/NDF : 13.8/13

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2073.977+/-0.919 χ^2/NDF : 149818.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.095+/-0.805 χ^2/NDF : 179429.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

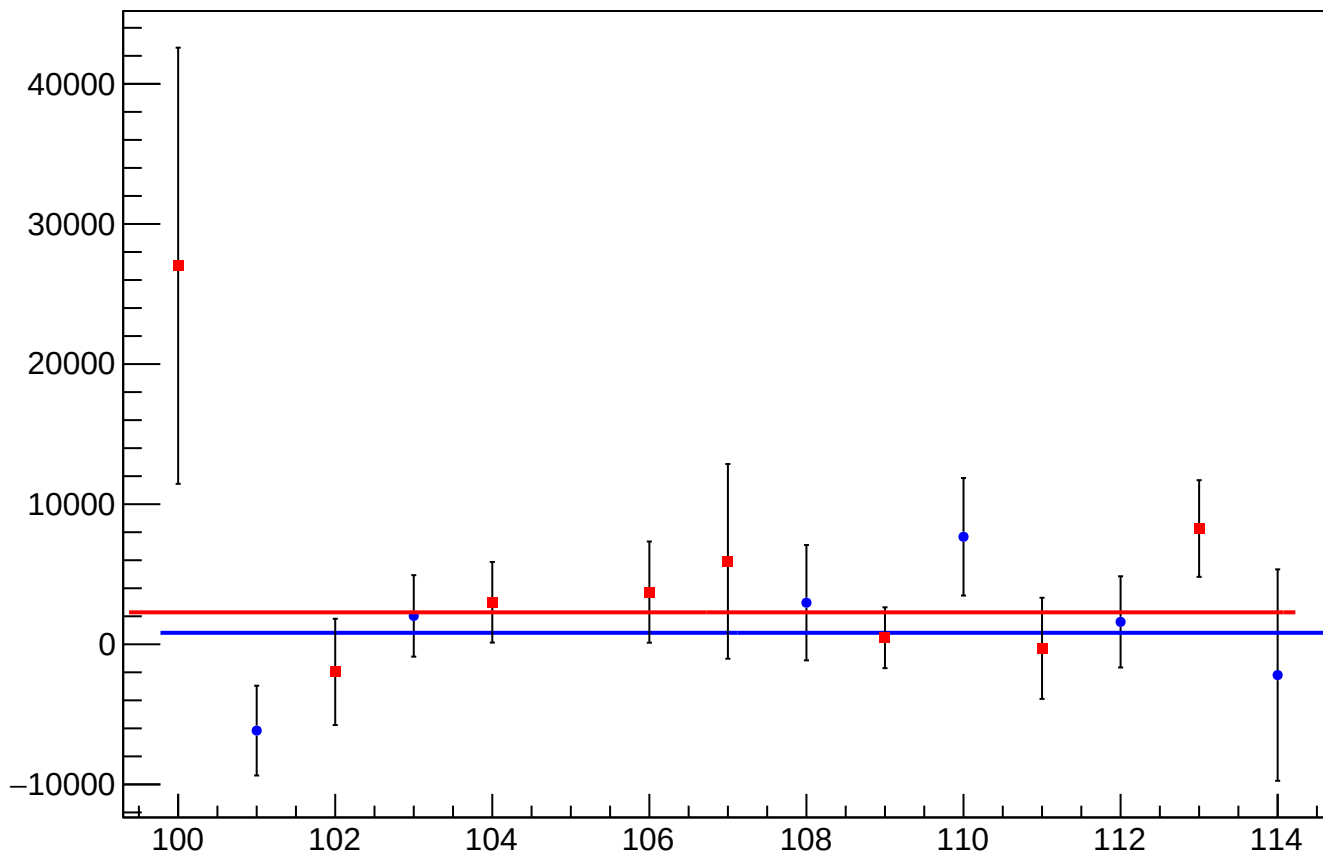
Right: 2012.349+/-0.605 χ^2/NDF : 337196.4/13

In: 2073.977+/-0.919 χ^2/NDF : 149818.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.349+/-0.605 χ^2/NDF : 337196.4/13

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 820.668+/-1501.603 χ^2/NDF : 8.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2281.987+/-1226.643 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

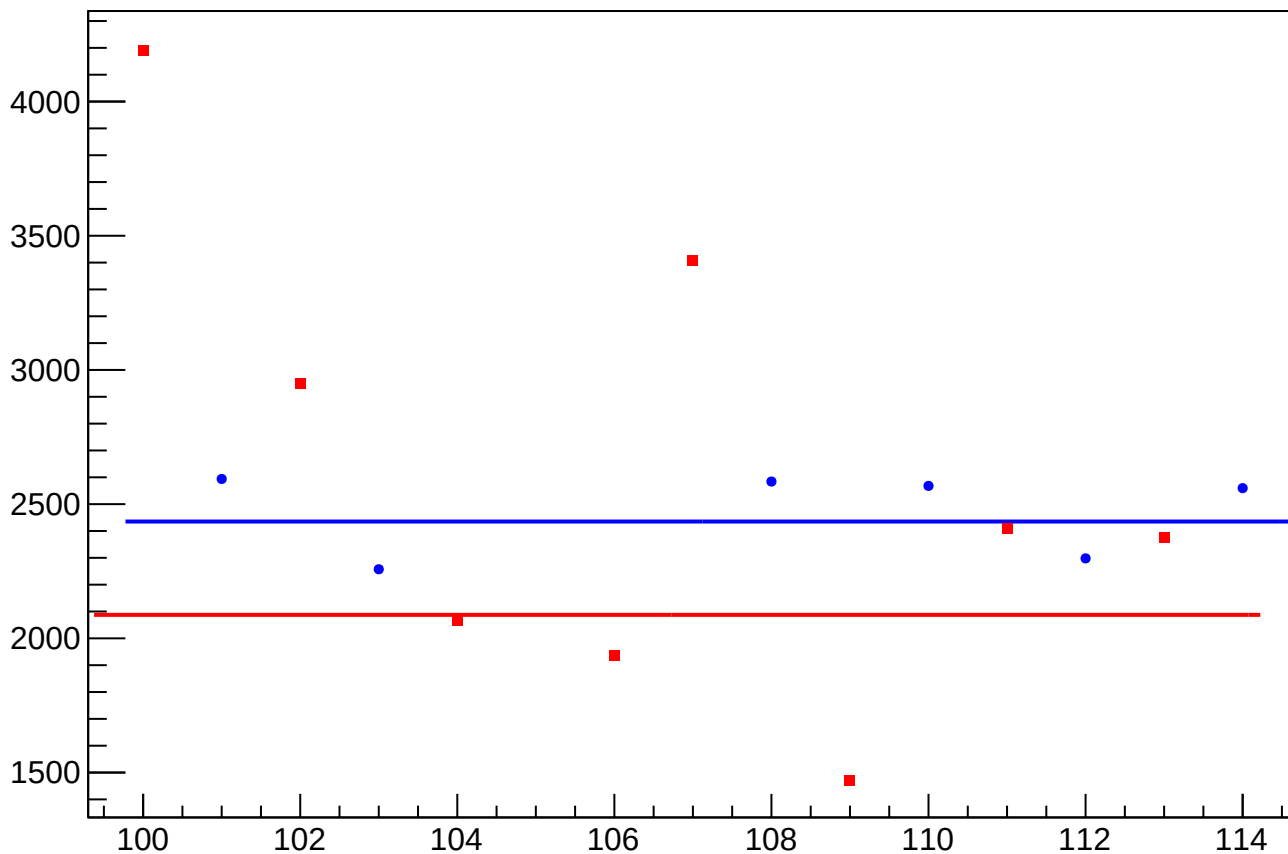
Right: 1697.122+/-949.971 χ^2/NDF : 17.1/13

In: 820.668+/-1501.603 χ^2/NDF : 8.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.122+/-949.971 χ^2/NDF : 17.1/13

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

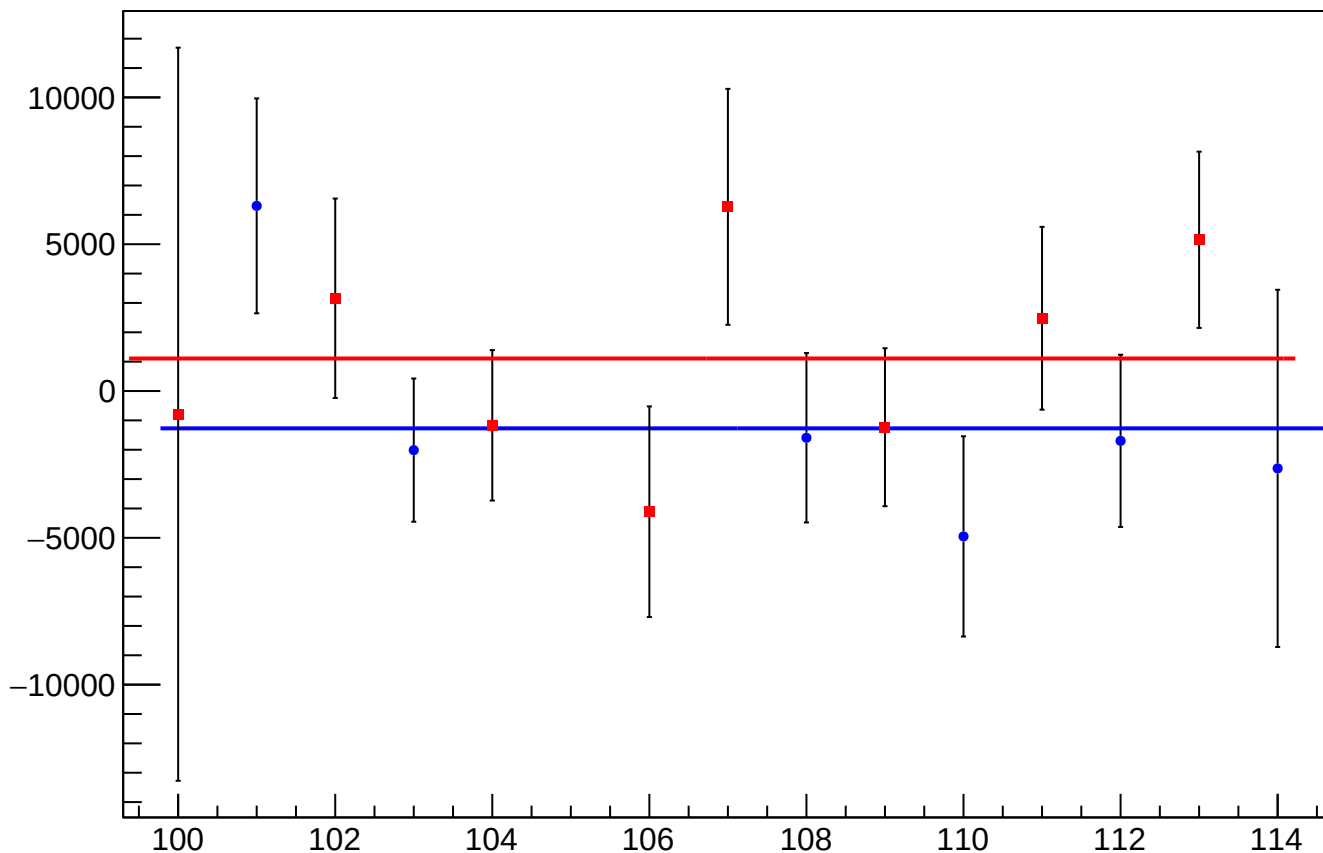
Right: 2226.683+/-0.672 χ^2/NDF : 492350.3/13

In: 2435.254+/-1.062 χ^2/NDF : 21100.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2226.683+/-0.672 χ^2/NDF : 492350.3/13

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1271.735+/-1299.344 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.632+/-1164.386 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

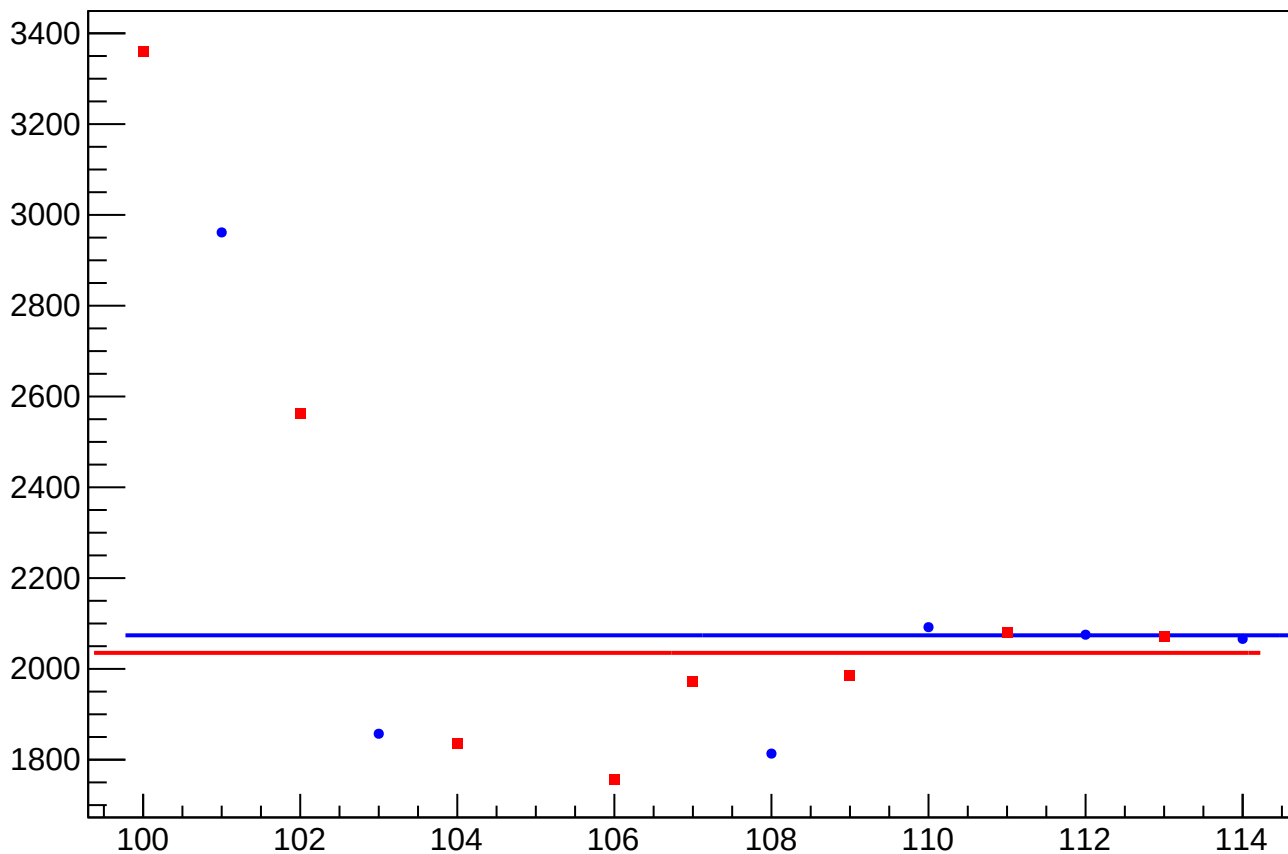
Right: 47.895+/-867.146 χ^2/NDF : 15.2/13

In: -1271.735+/-1299.344 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.895+/-867.146 χ^2/NDF : 15.2/13

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2073.976+/-0.919 χ^2/NDF : 149818.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2035.324+/-0.823 χ^2/NDF : 96719.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

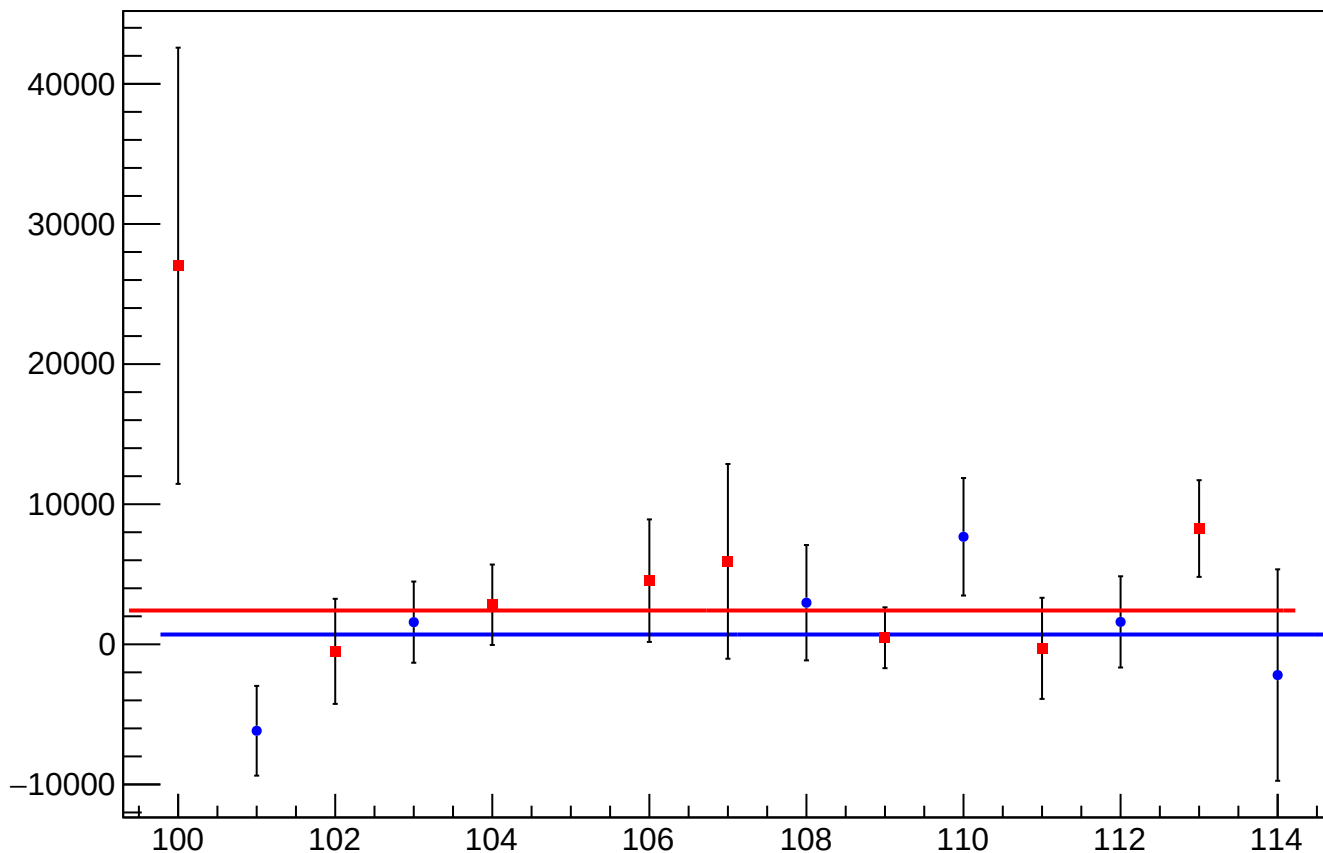
Right: 2052.539+/-0.613 χ^2/NDF : 247520.0/13

In: 2073.976+/-0.919 χ^2/NDF : 149818.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.539+/-0.613 χ^2/NDF : 247520.0/13

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

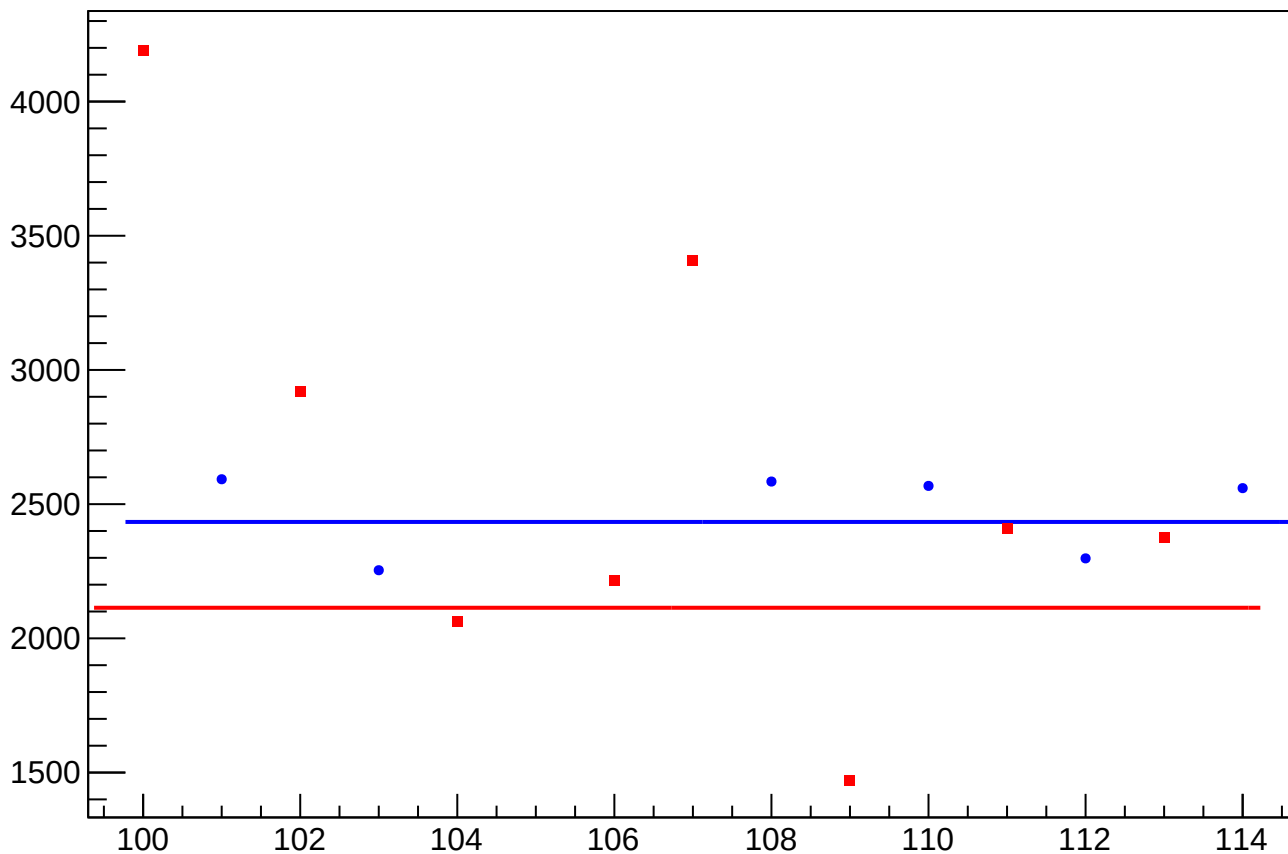
Right: 1713.215+/-959.203 χ^2/NDF : 16.6/13

In: 700.571+/-1500.046 χ^2/NDF : 8.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.215+/-959.203 χ^2/NDF : 16.6/13

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

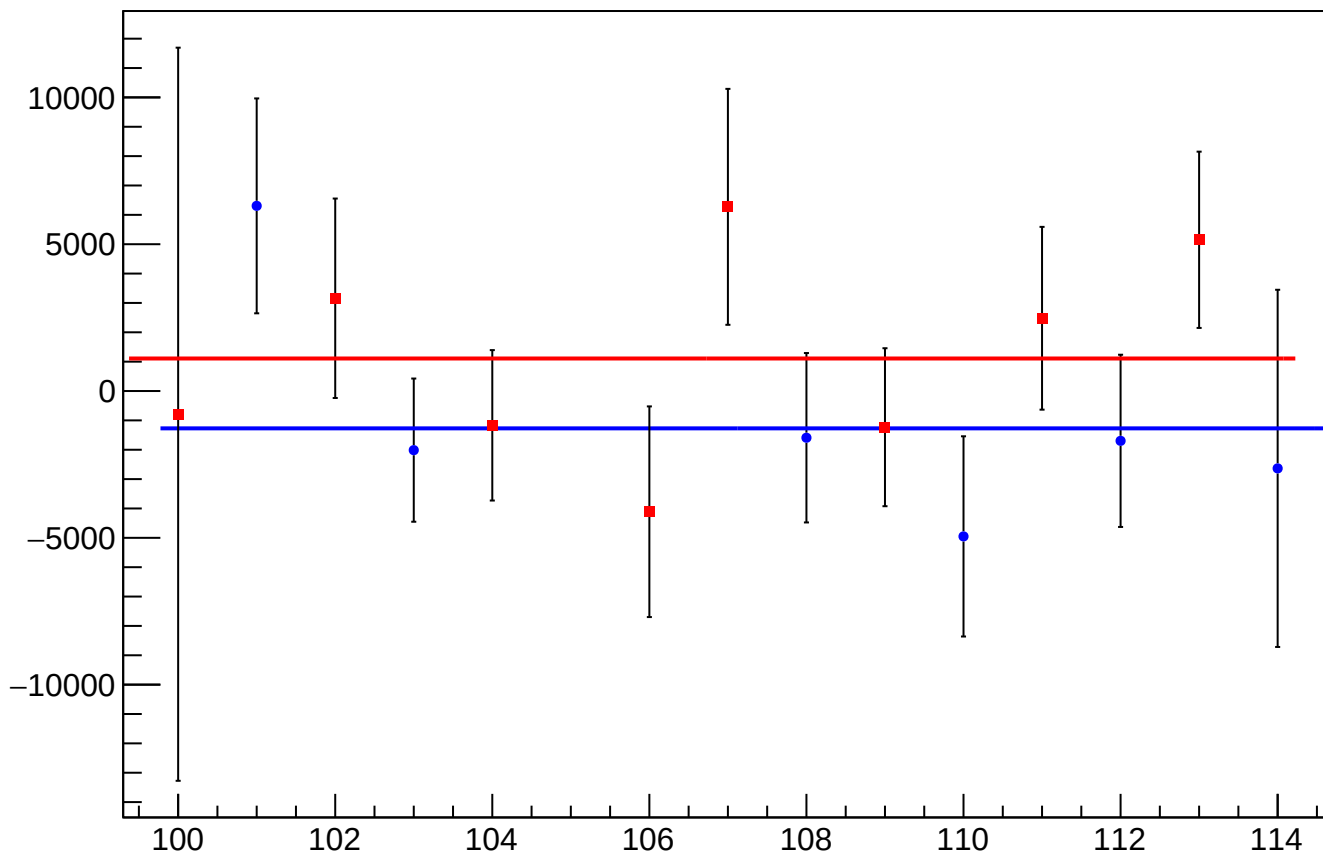
Right: 2244.726+/-0.678 χ^2/NDF : 474675.4/13

In: 2433.727+/-1.061 χ^2/NDF : 21403.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.726+/-0.678 χ^2/NDF : 474675.4/13

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1271.735+/-1299.344 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.632+/-1164.386 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

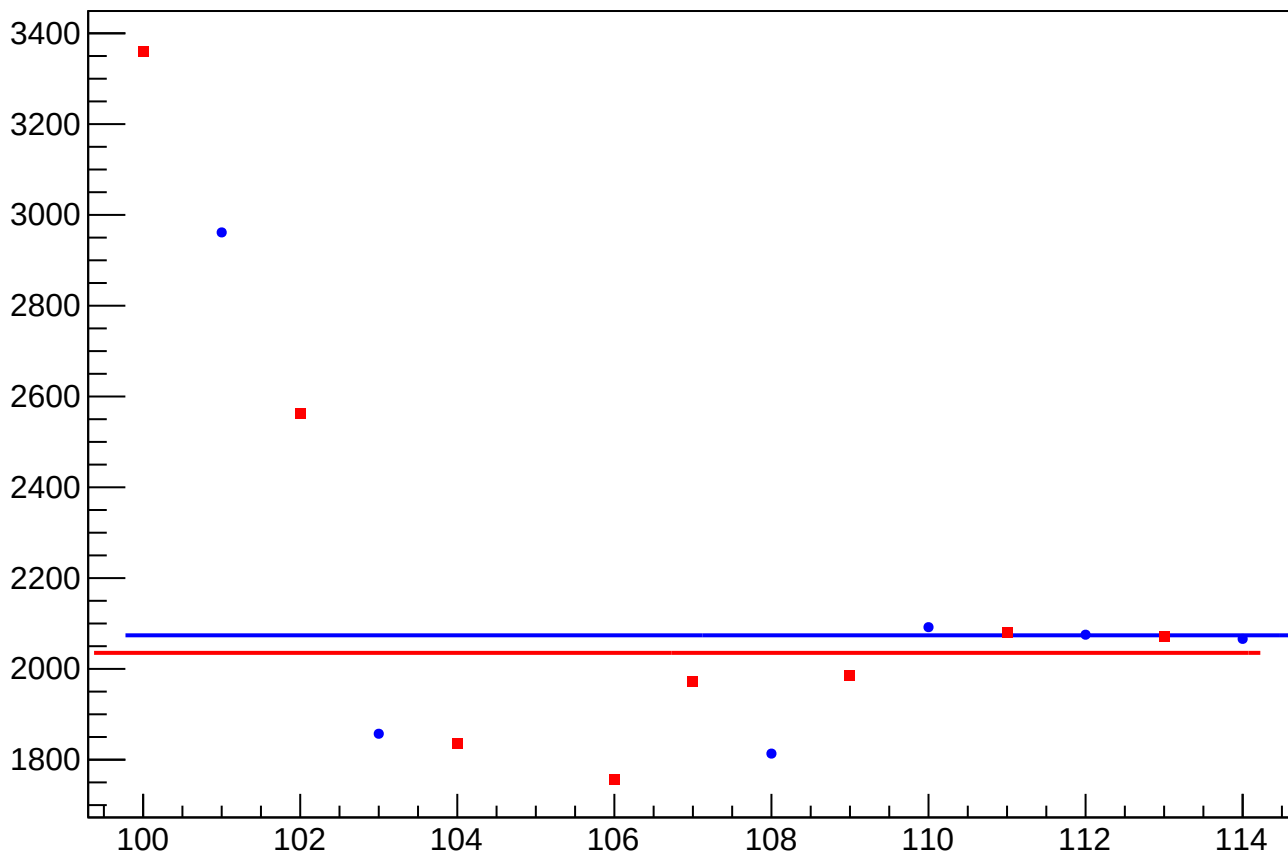
Right: 47.895+/-867.146 χ^2/NDF : 15.2/13

In: -1271.735+/-1299.344 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.895+/-867.146 χ^2/NDF : 15.2/13

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2073.976+/-0.919 χ^2/NDF : 149818.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2035.324+/-0.823 χ^2/NDF : 96719.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

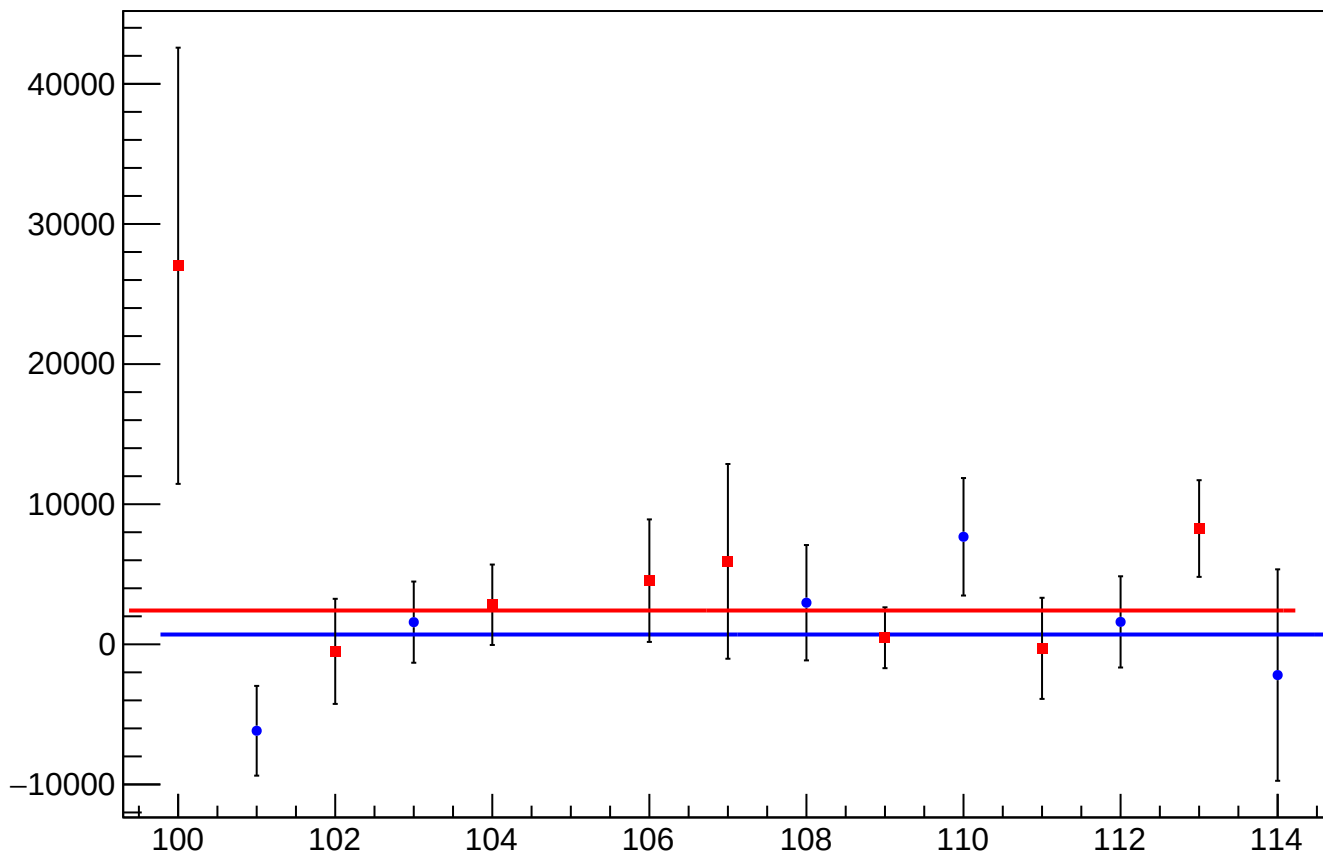
Right: 2052.539+/-0.613 χ^2/NDF : 247520.0/13

In: 2073.976+/-0.919 χ^2/NDF : 149818.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.539+/-0.613 χ^2/NDF : 247520.0/13

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

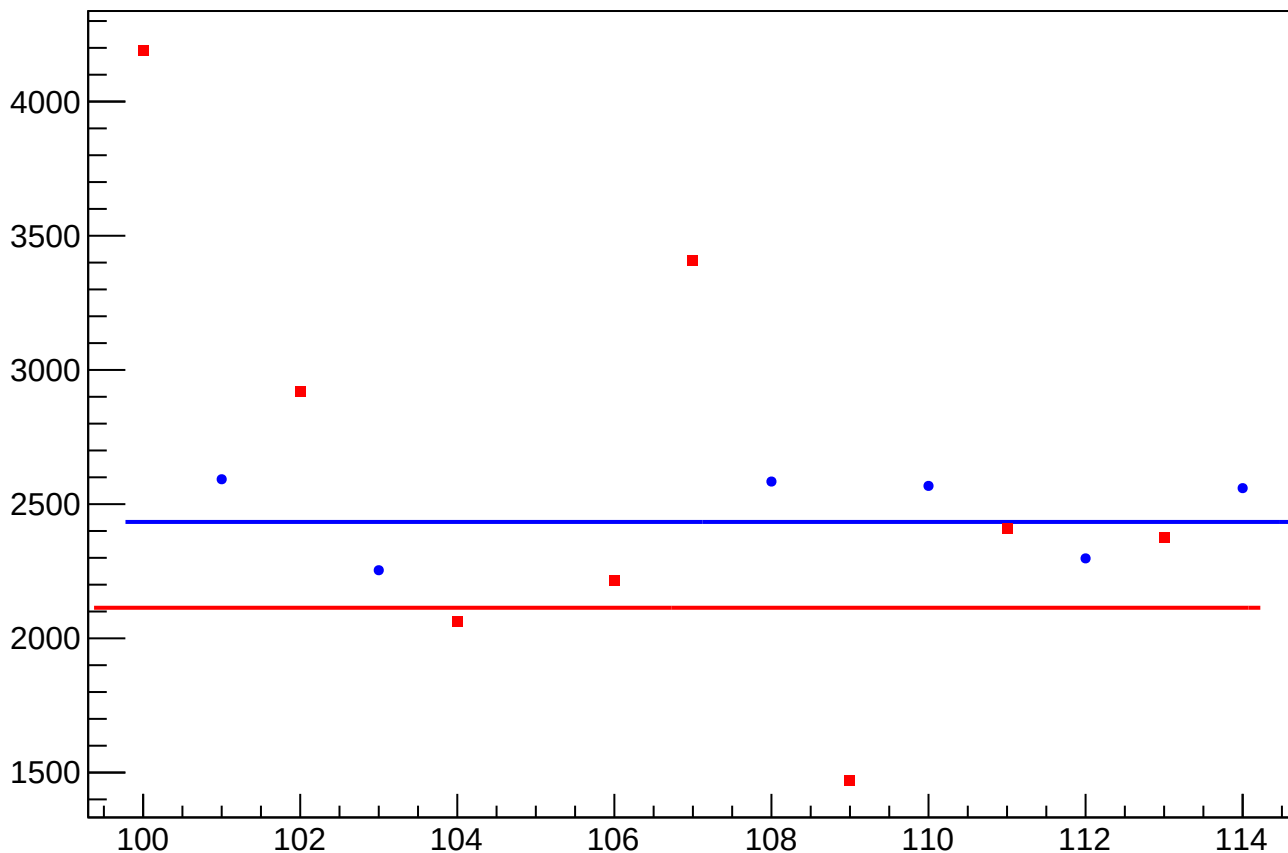
Right: 1713.215+/-959.203 χ^2/NDF : 16.6/13

In: 700.571+/-1500.046 χ^2/NDF : 8.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.215+/-959.203 χ^2/NDF : 16.6/13

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

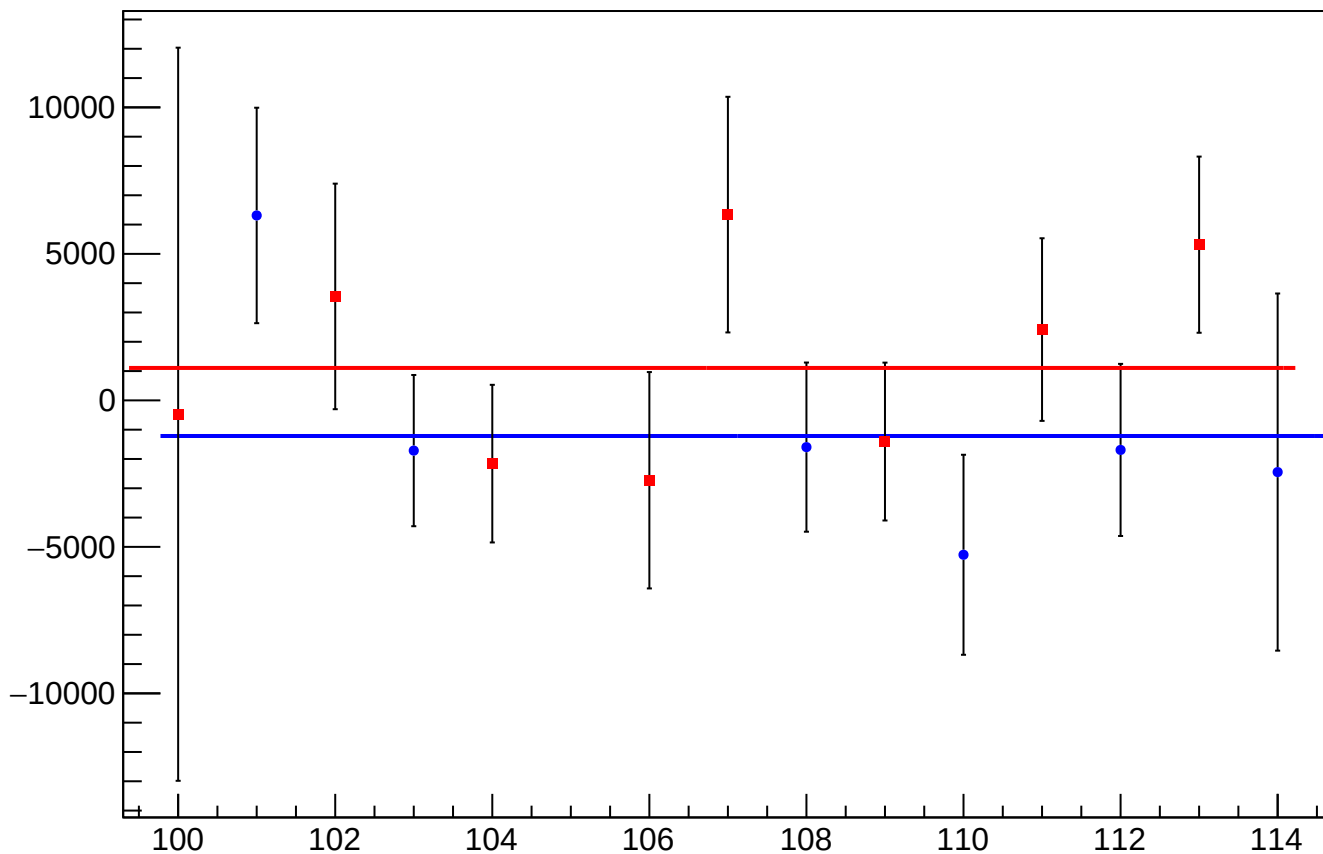
Right: 2244.726+/-0.678 χ^2/NDF : 474675.4/13

In: 2433.727+/-1.061 χ^2/NDF : 21403.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.726+/-0.678 χ^2/NDF : 474675.4/13

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

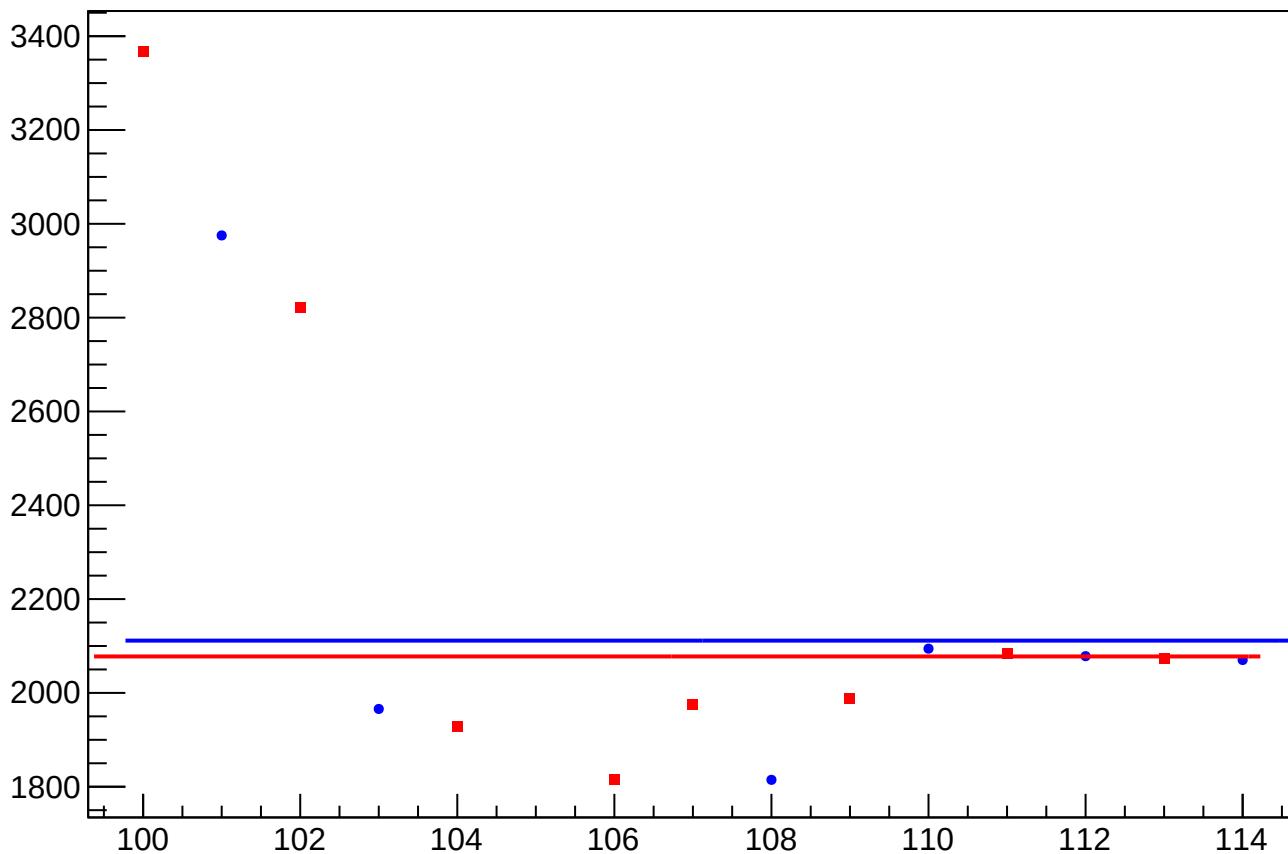
Right: 60.705+/-886.847 χ^2/NDF : 15.1/13

In: -1215.476+/-1321.314 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.705+/-886.847 χ^2/NDF : 15.1/13

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2111.450+/-0.934 χ^2/NDF : 138282.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.718+/-0.846 χ^2/NDF : 115635.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

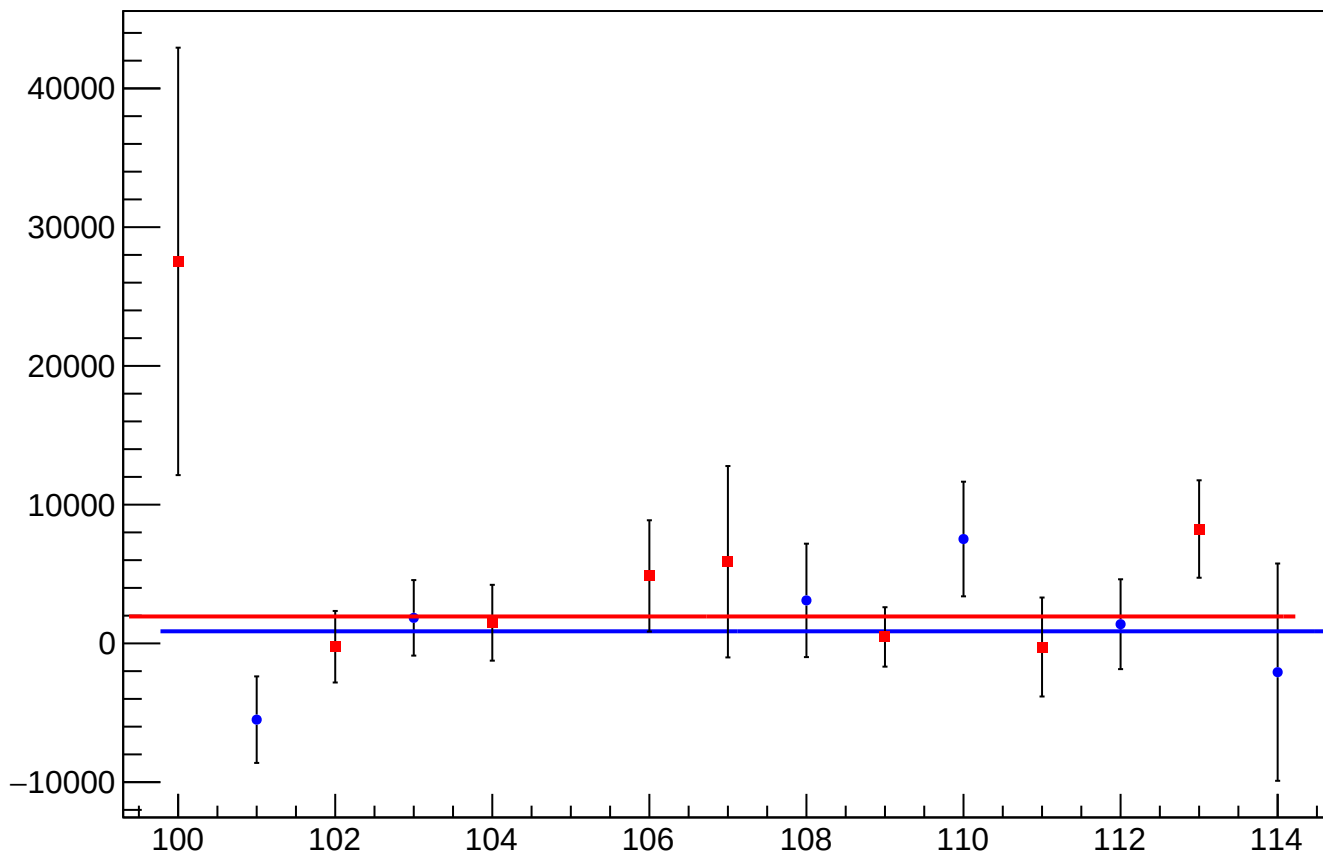
Right: 2092.914+/-0.627 χ^2/NDF : 254633.9/13

In: 2111.450+/-0.934 χ^2/NDF : 138282.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.914+/-0.627 χ^2/NDF : 254633.9/13

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

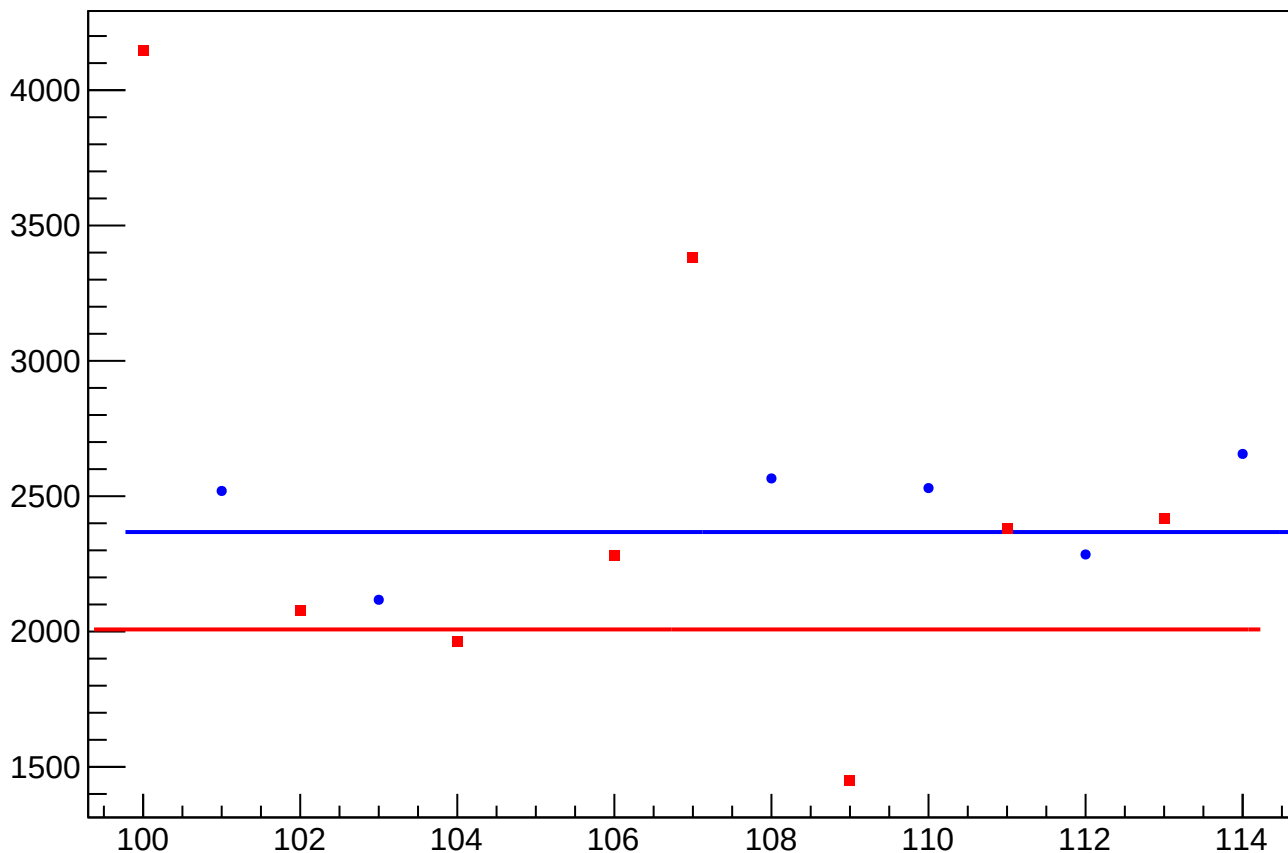
Right: 1530.157+/-906.309 χ^2/NDF : 16.1/13

In: 871.710+/-1461.802 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.157+/-906.309 χ^2/NDF : 16.1/13

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2367.606+/-1.034 χ^2/NDF : 33460.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.808+/-0.817 χ^2/NDF : 313652.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

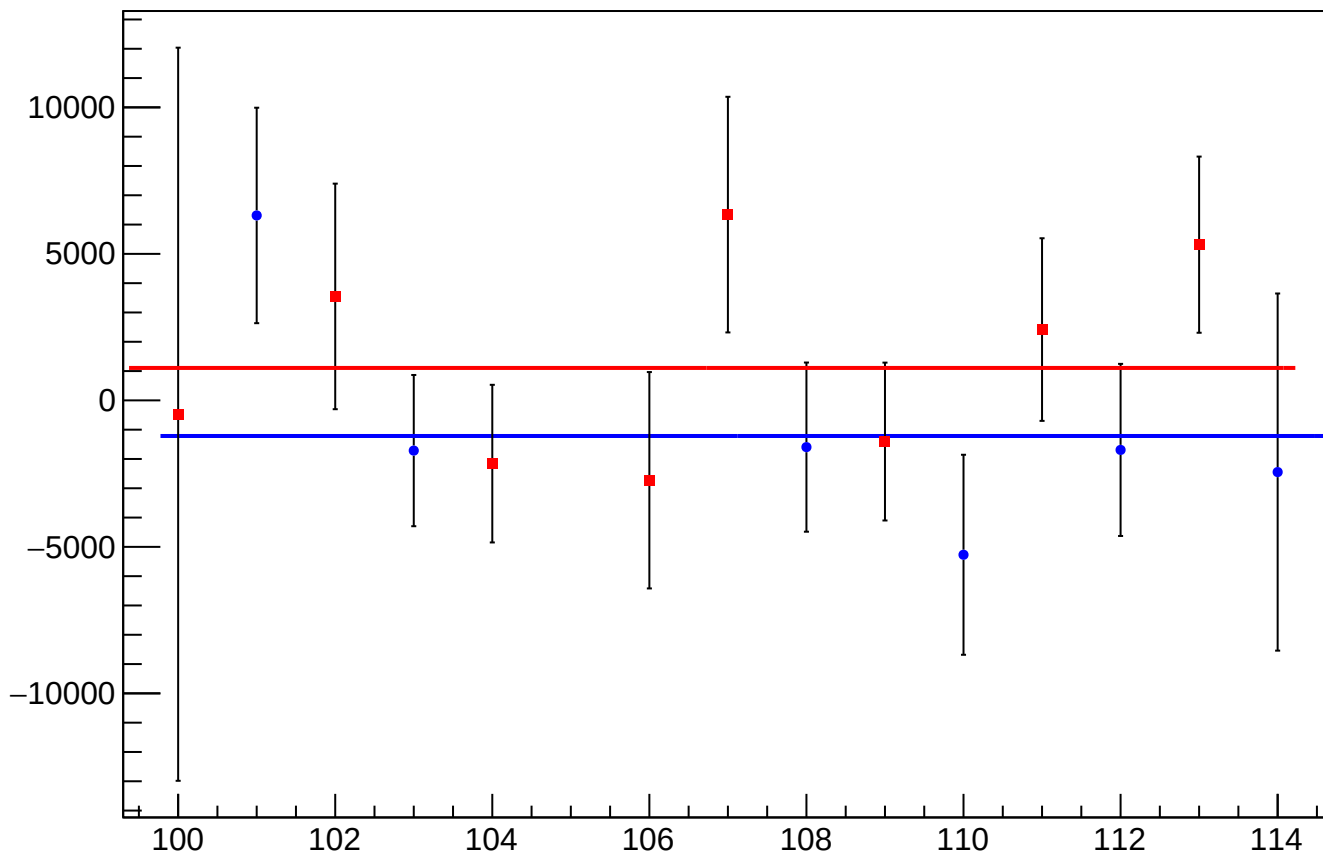
Right: 2146.111+/-0.641 χ^2/NDF : 421701.4/13

In: 2367.606+/-1.034 χ^2/NDF : 33460.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2146.111+/-0.641 χ^2/NDF : 421701.4/13

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

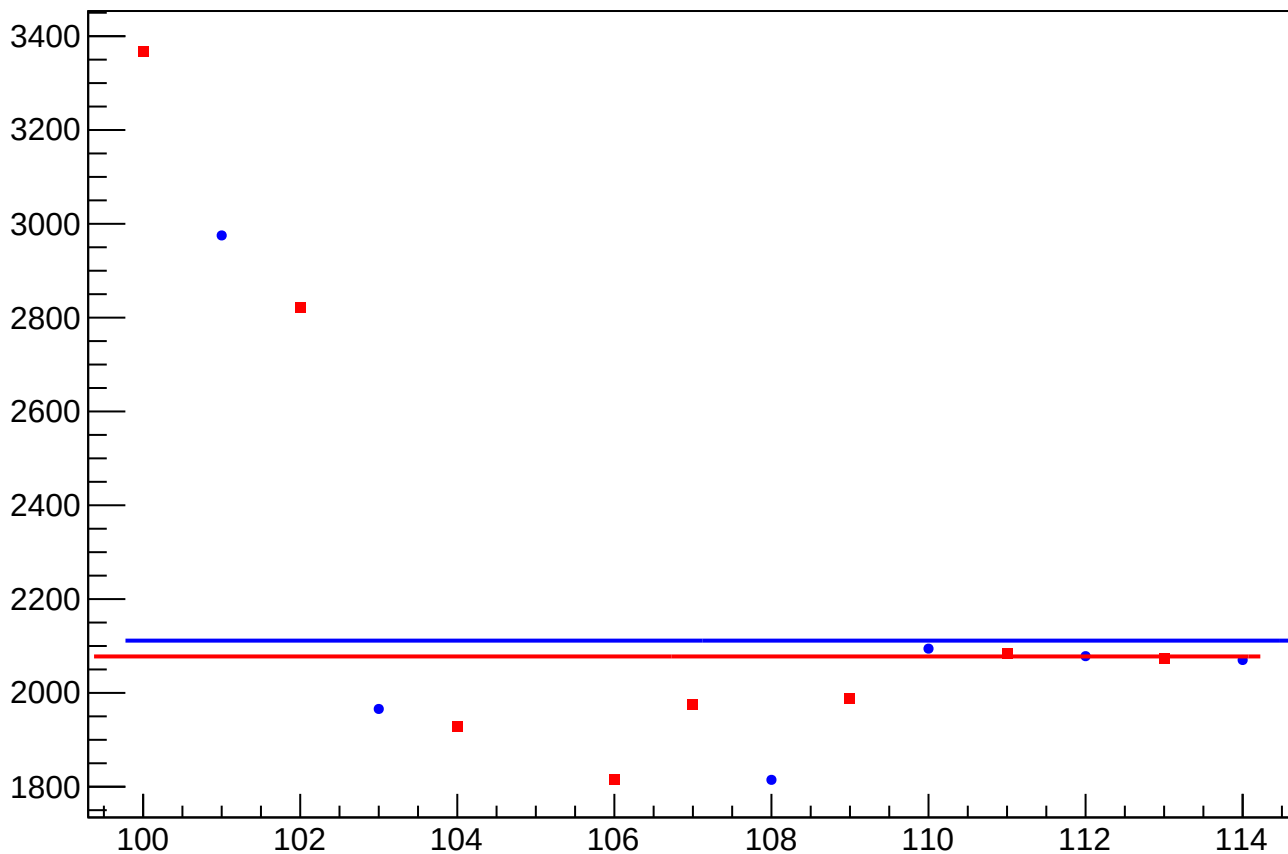
Right: 60.706+/-886.847 χ^2/NDF : 15.1/13

In: -1215.469+/-1321.314 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.706+/-886.847 χ^2/NDF : 15.1/13

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2111.450+/-0.934 χ^2/NDF : 138282.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.718+/-0.846 χ^2/NDF : 115635.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

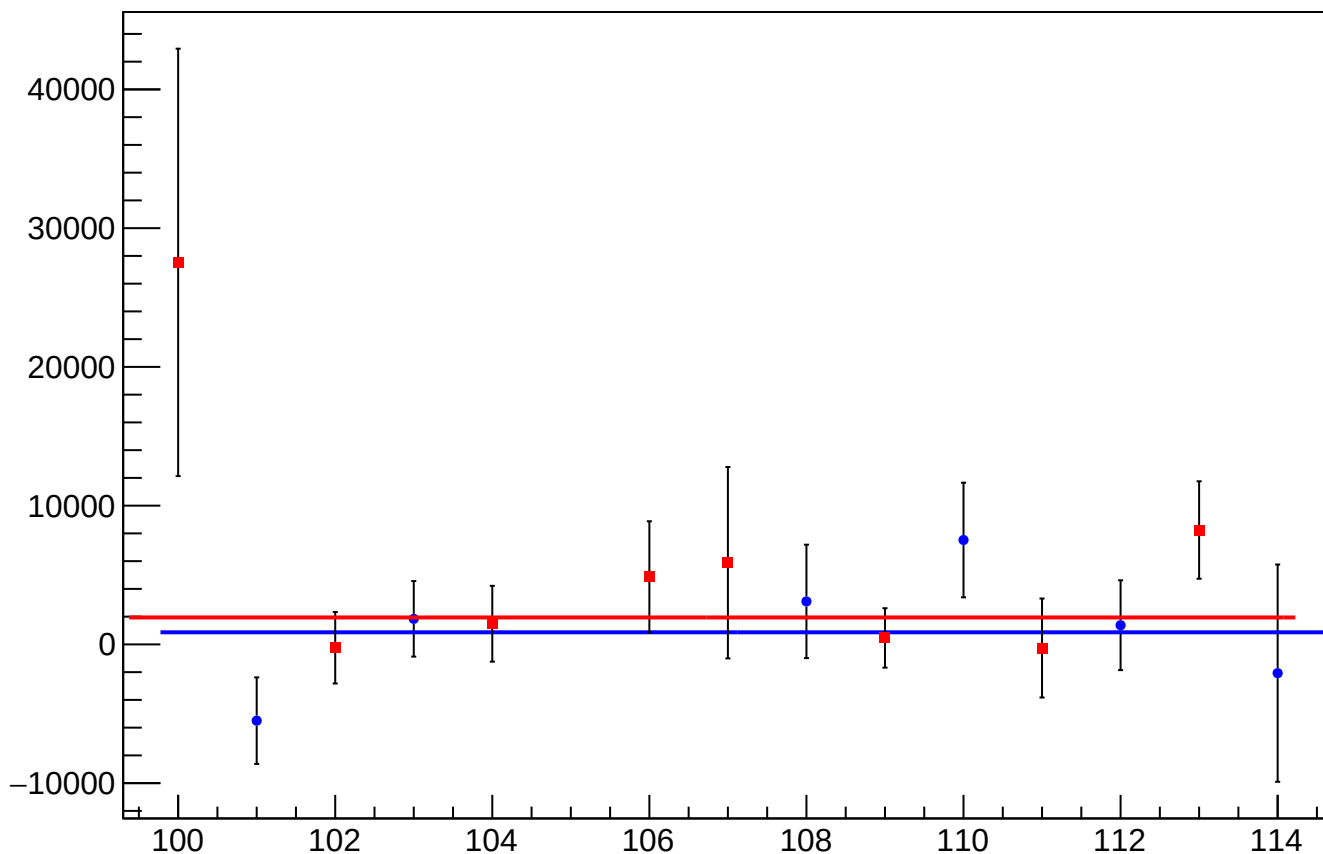
Right: 2092.914+/-0.627 χ^2/NDF : 254633.7/13

In: 2111.450+/-0.934 χ^2/NDF : 138282.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.914+/-0.627 χ^2/NDF : 254633.7/13

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

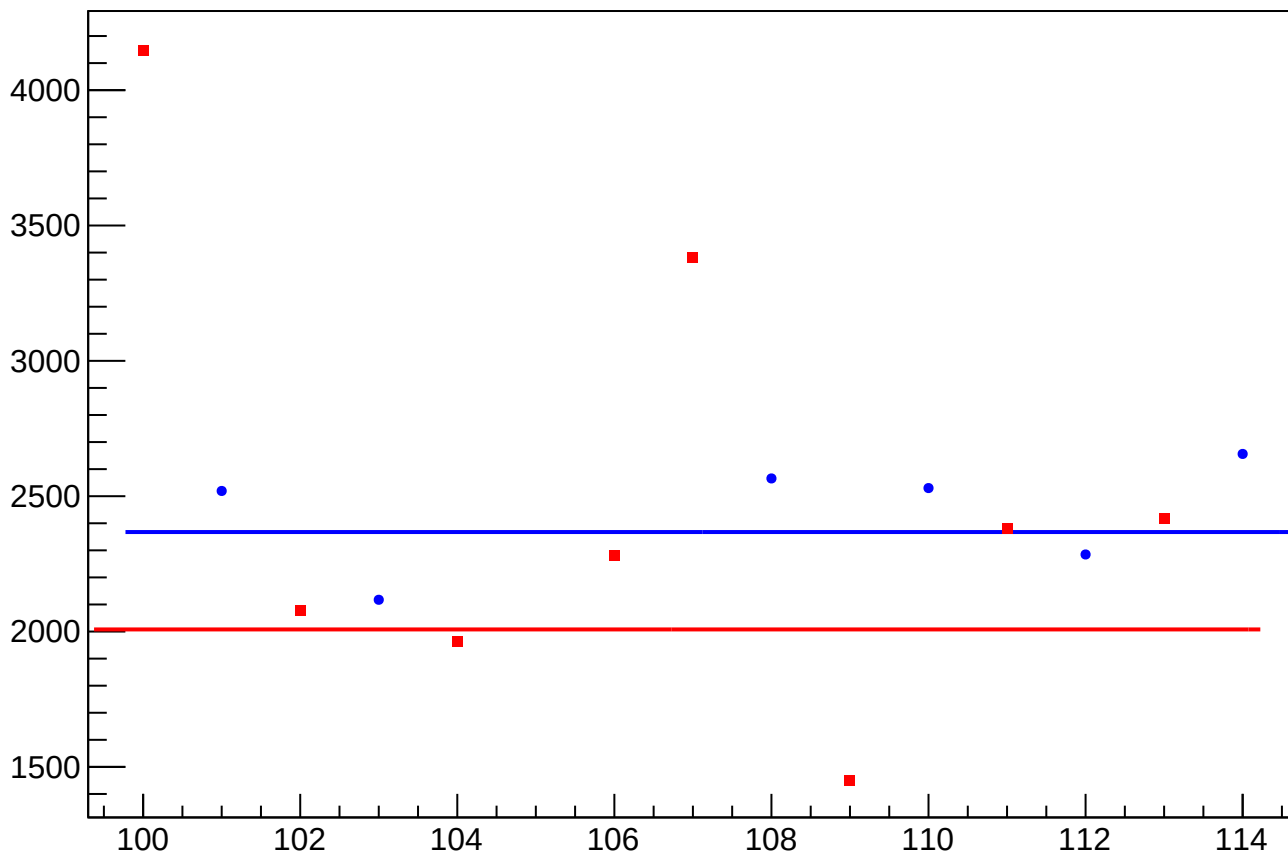
Right: 1530.158+/-906.309 χ^2 /NDF: 16.1/13

In: 871.707+/-1461.799 χ^2 /NDF:7.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1530.158+/-906.309 χ^2 /NDF: 16.1/13

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

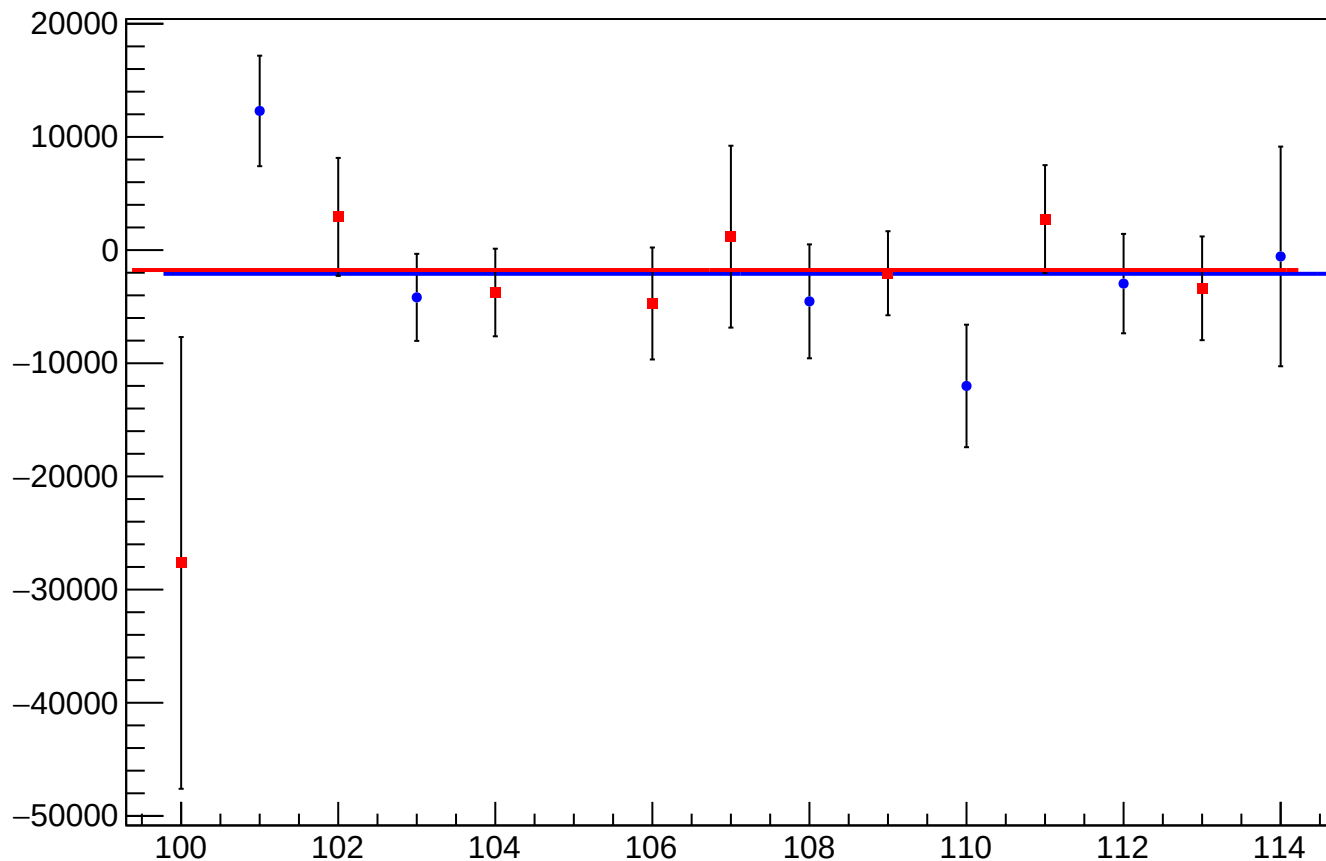
Right: 2146.114 $\pm$ 0.641 χ^2 /NDF: 421685.6/13

In: 2367.602 $\pm$ 1.034 χ^2 /NDF:33457.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2146.114 $\pm$ 0.641 χ^2 /NDF: 421685.6/13

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

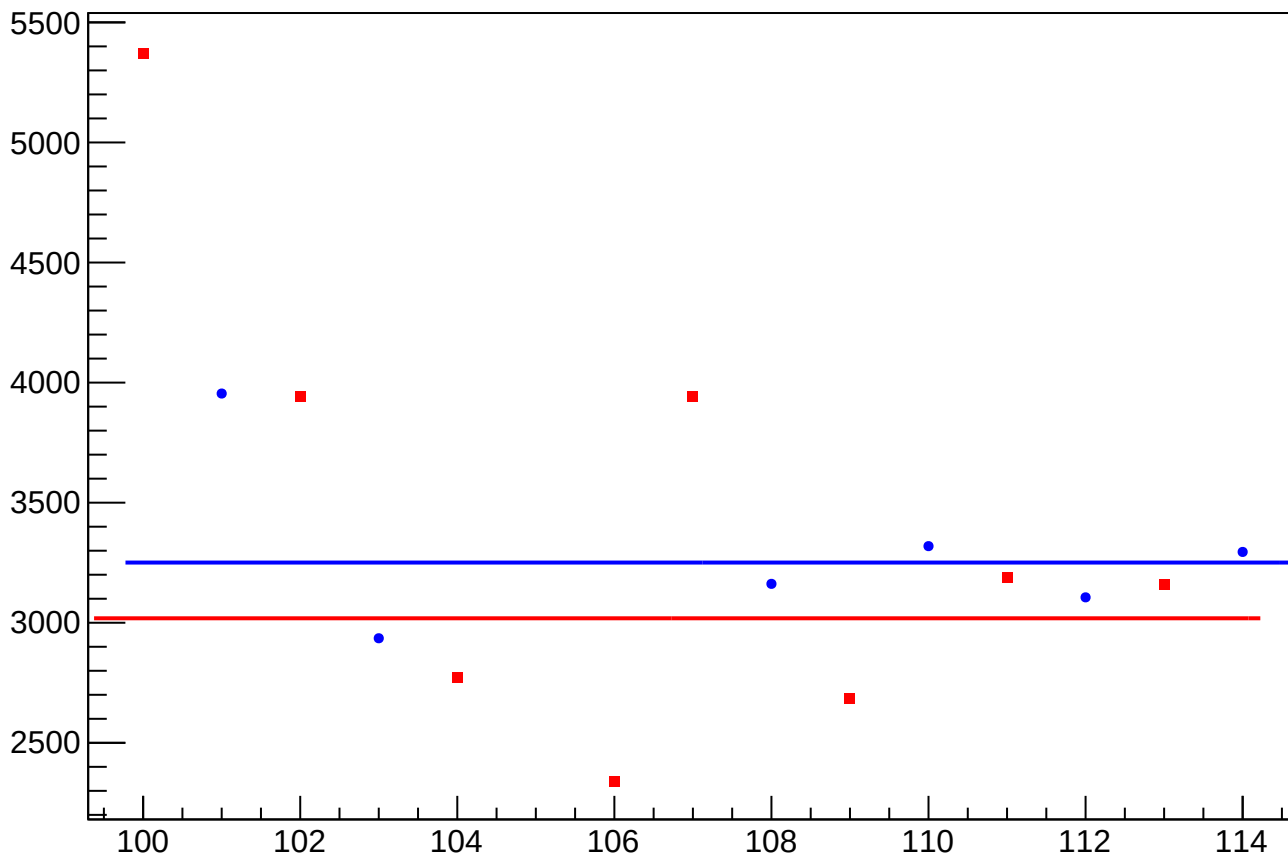
Right: -1904.227+/-1322.065 χ^2 /NDF: 16.9/13

In: -2094.999+/-2017.785 χ^2 /NDF: 12.6/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1904.227+/-1322.065 χ^2 /NDF: 16.9/13

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

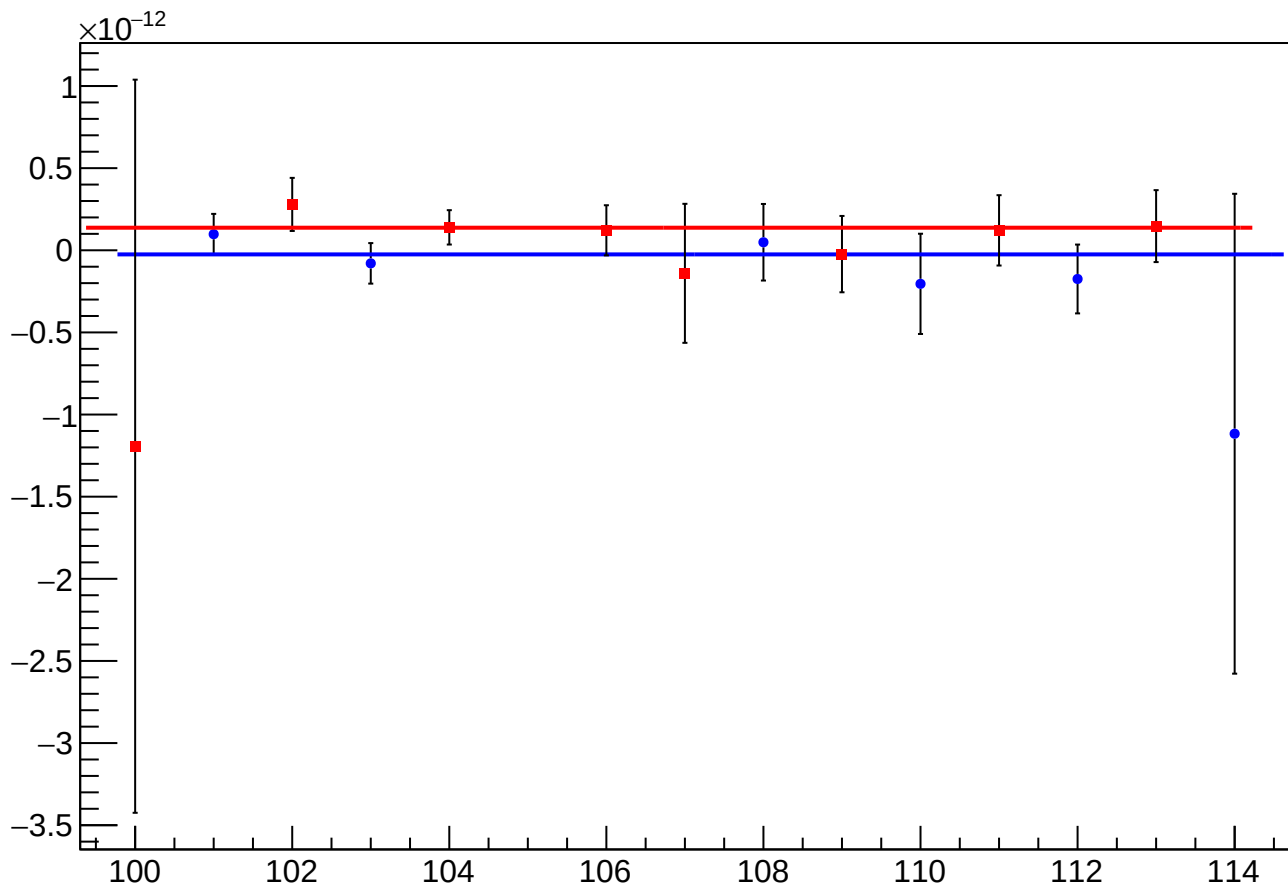
Right: 3118.209+/-0.935 χ^2/NDF : 257030.7/13

In: 3250.670+/-1.427 χ^2/NDF : 58147.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3118.209+/-0.935 χ^2/NDF : 257030.7/13

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

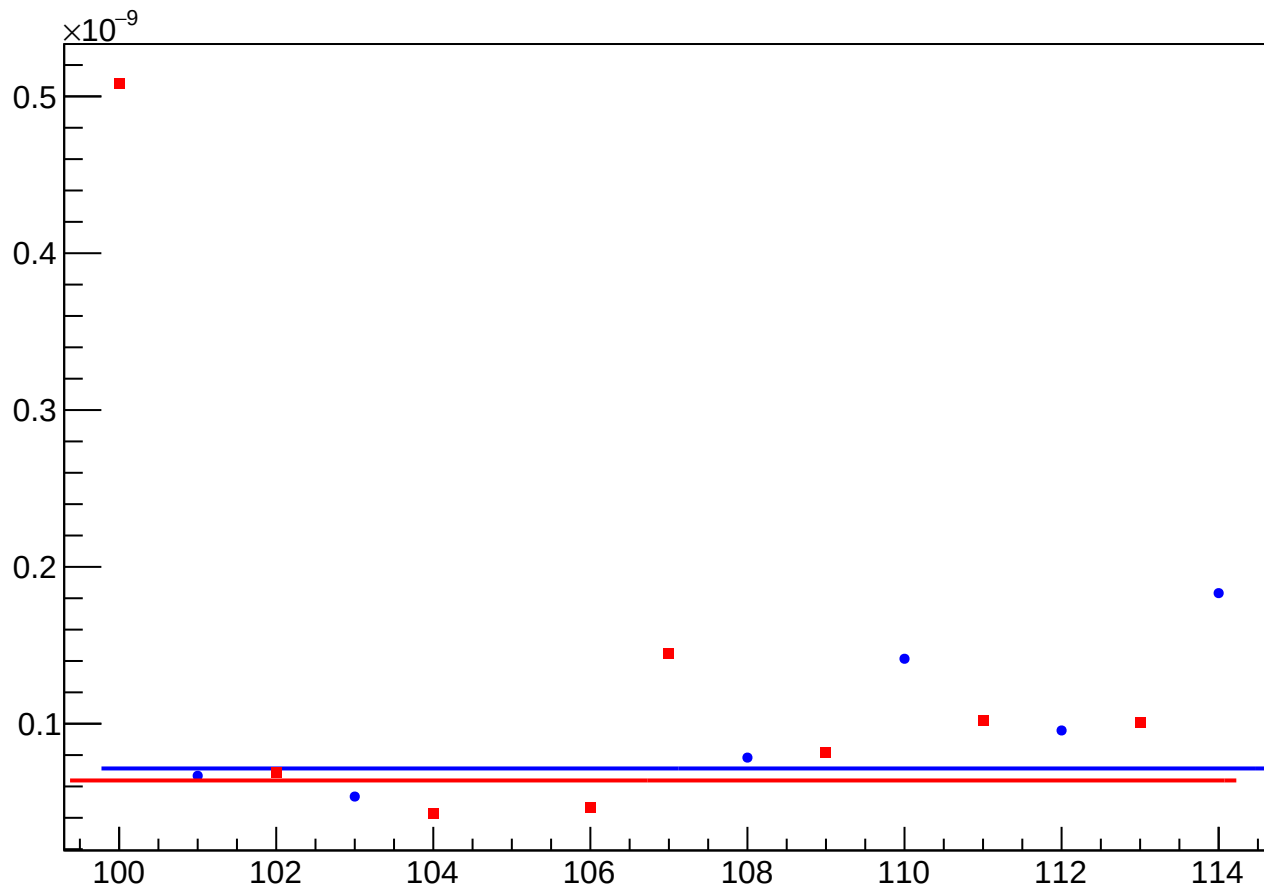
Right: 0.000+/-0.000 χ^2/NDF : 7.5/13

In: -0.000+/-0.000 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.5/13

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

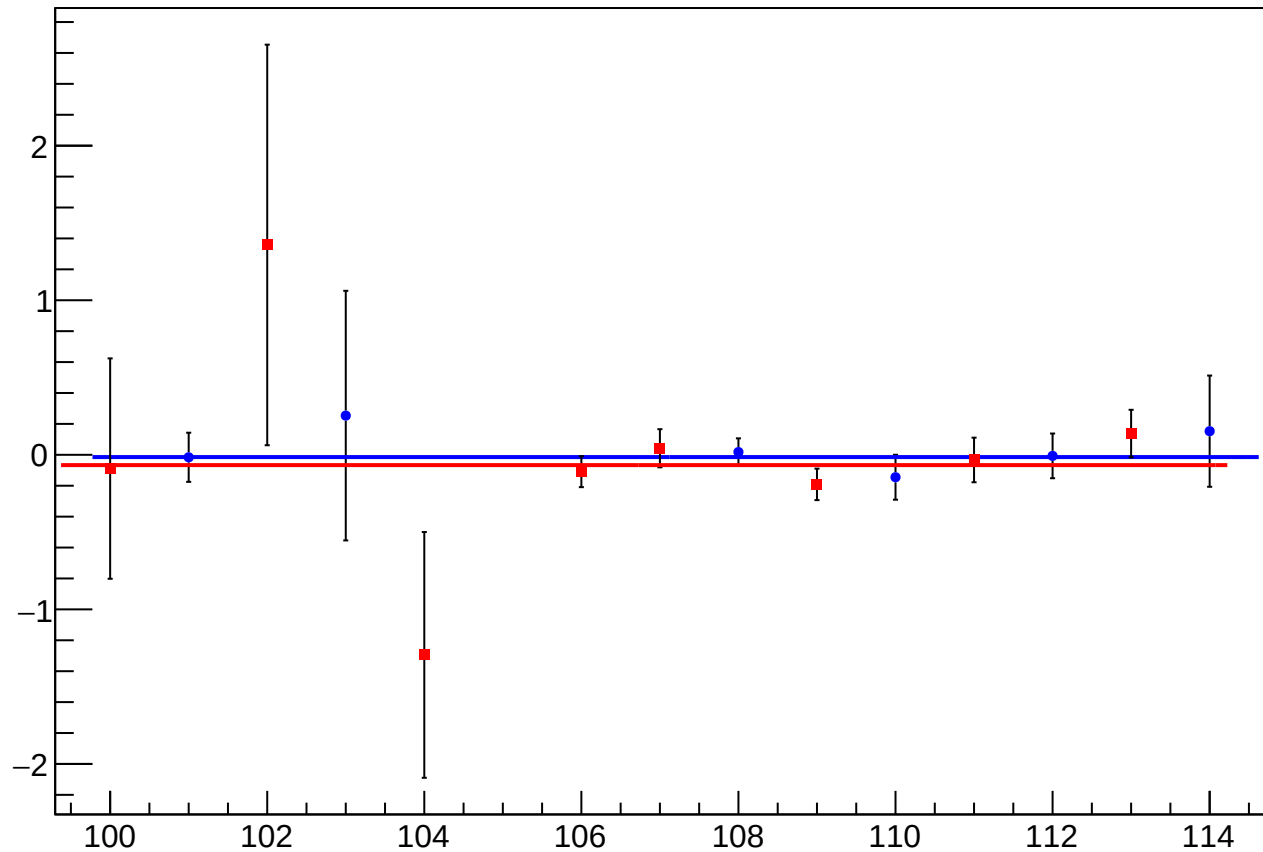
Right: 0.000+/-0.000 χ^2/NDF : 597029.1/13

In: 0.000+/-0.000 χ^2/NDF : 190363.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 597029.1/13

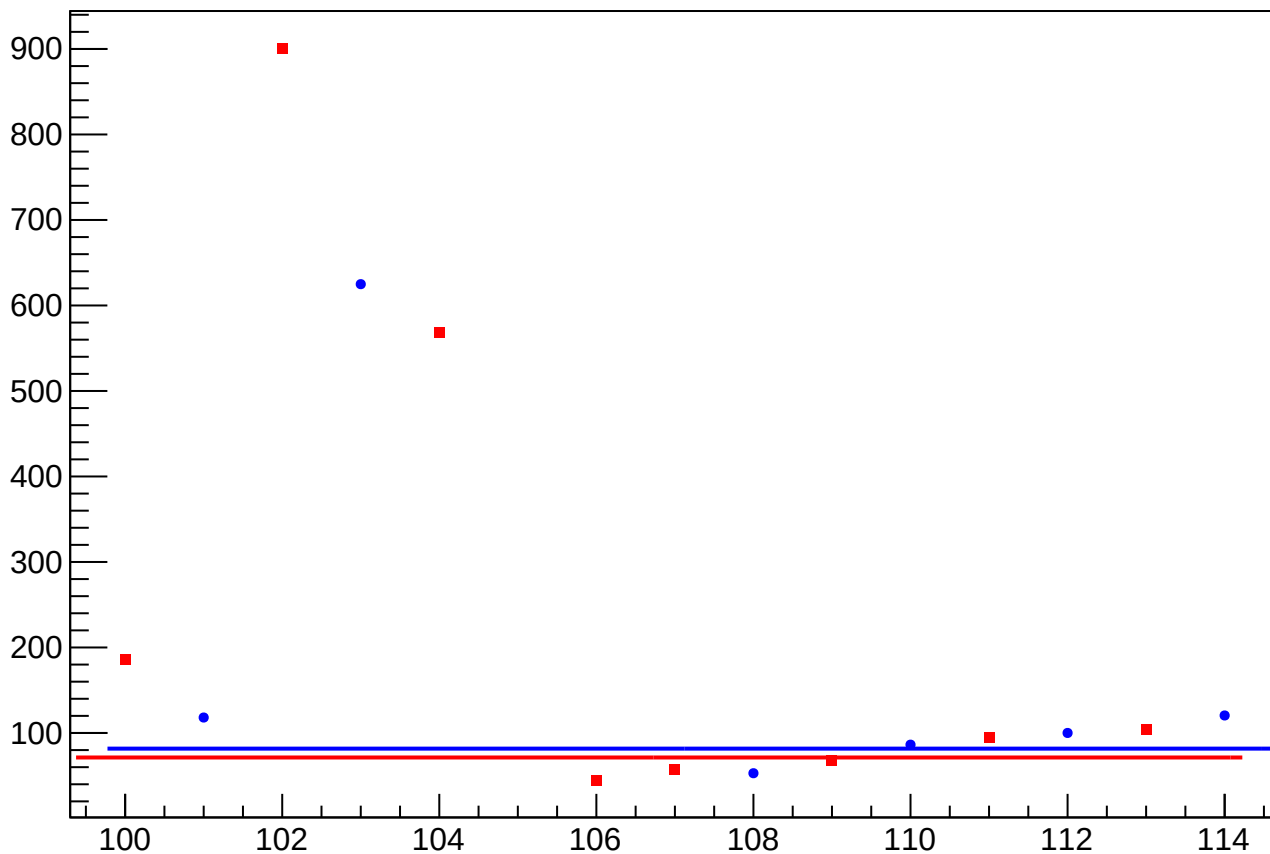
asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.044+/-0.040 χ^2/NDF : 9.6/13
 In: -0.015+/-0.061 χ^2/NDF : 1.3/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.044+/-0.040 χ^2/NDF : 9.6/13

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

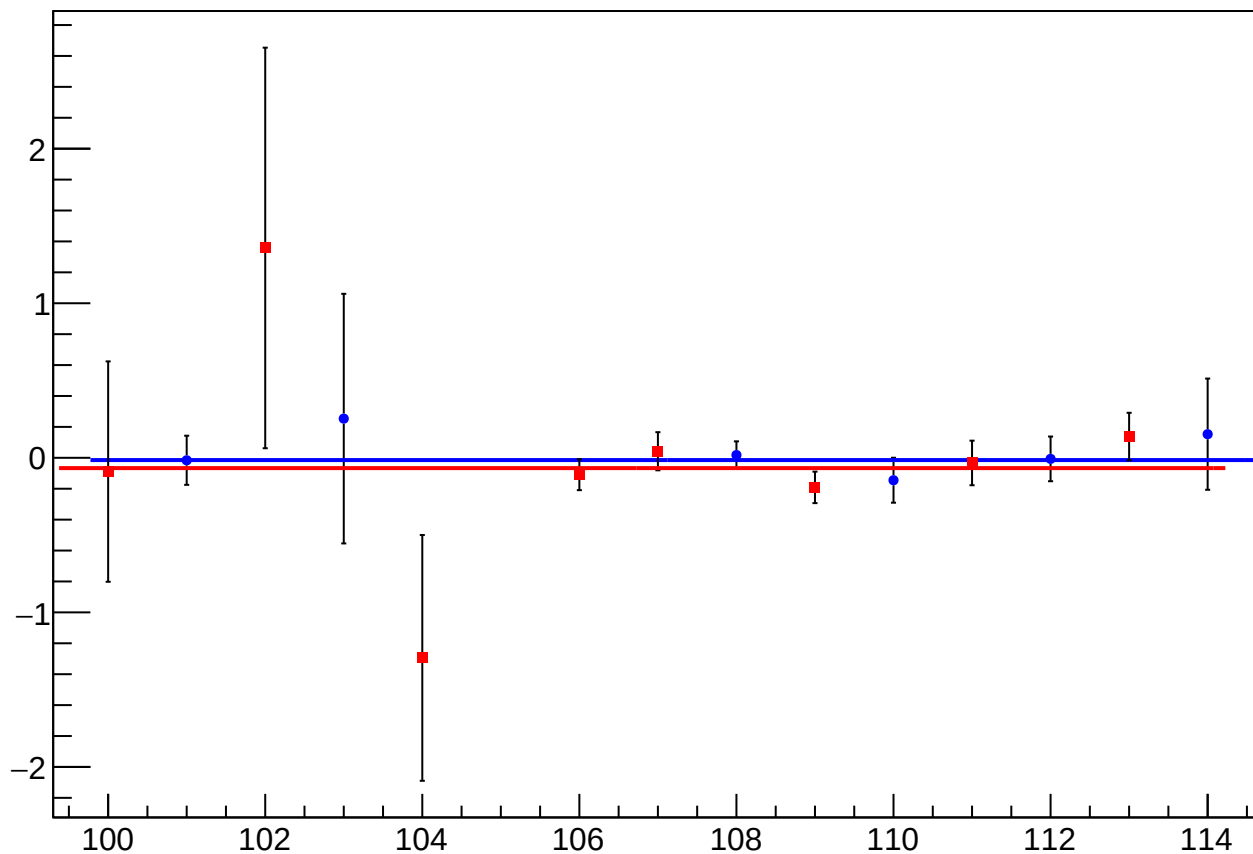
Right: 75.811+/-0.028 χ^2/NDF : 3287623.3/13

In: 81.697+/-0.043 χ^2/NDF : 1278271.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.811+/-0.028 χ^2/NDF : 3287623.3/13

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

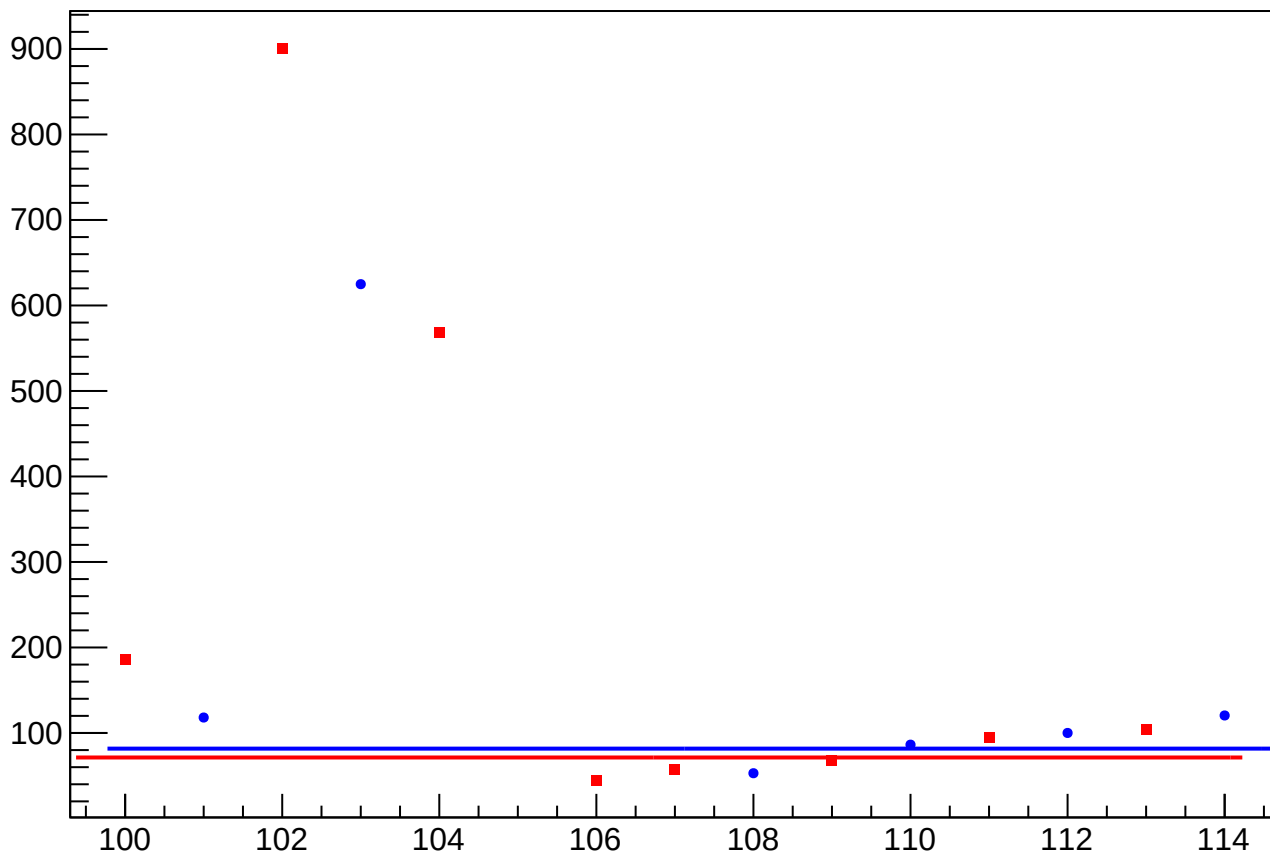
Right: -0.044+/-0.040 χ^2/NDF : 9.6/13

In: -0.015+/-0.061 χ^2/NDF :1.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.044+/-0.040 χ^2/NDF : 9.6/13

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

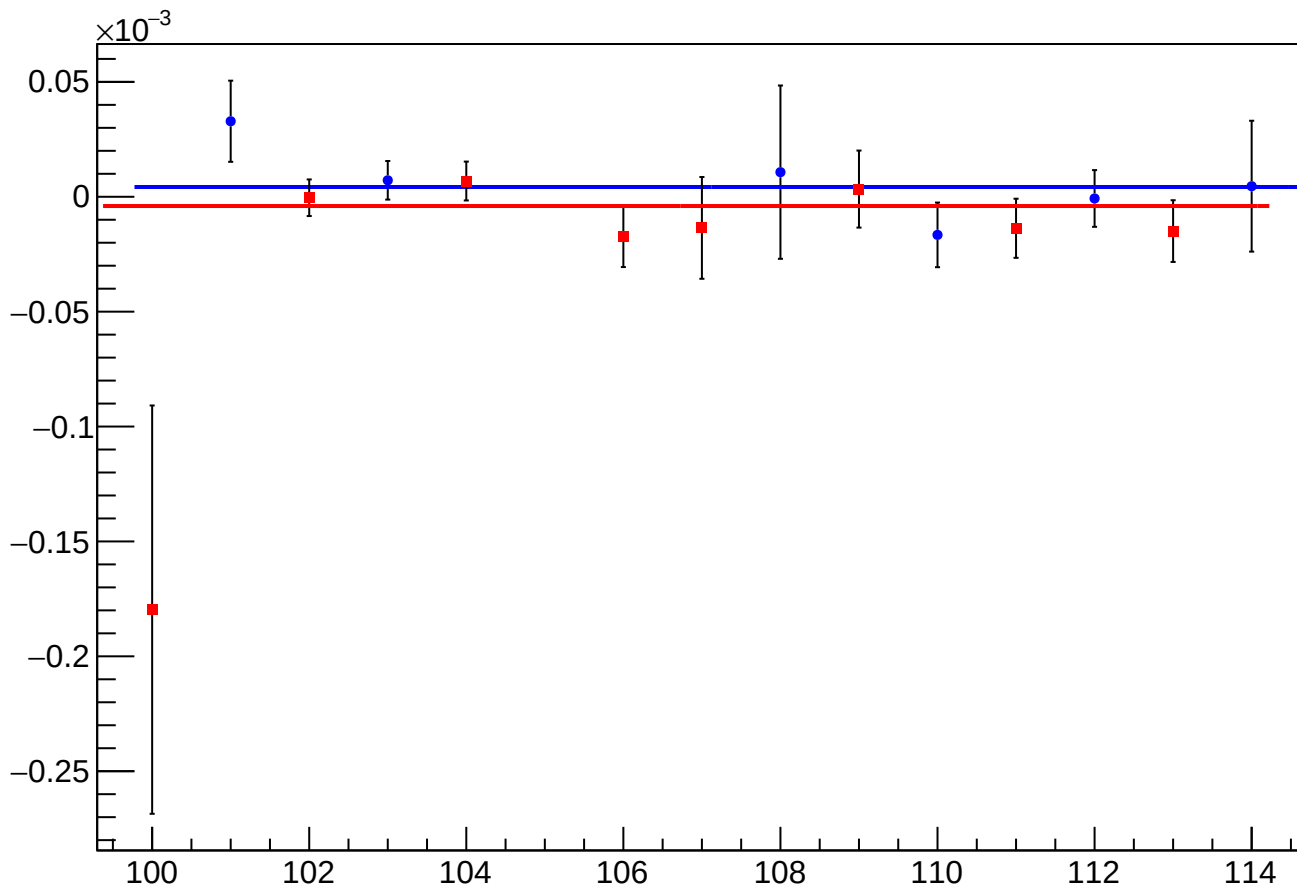
Right: 75.811+/-0.028 χ^2/NDF : 3287623.3/13

In: 81.697+/-0.043 χ^2/NDF : 1278271.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.811+/-0.028 χ^2/NDF : 3287623.3/13

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

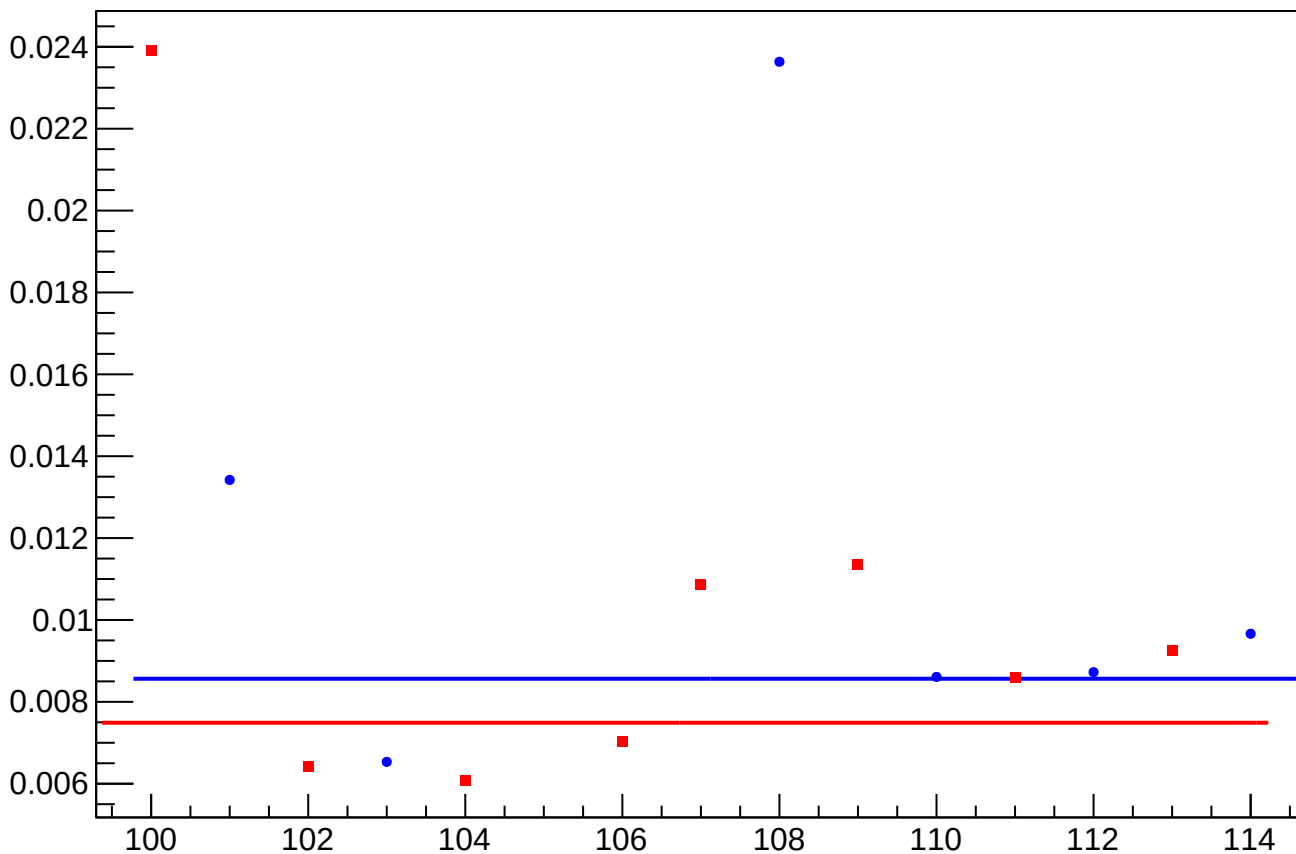
Right: -0.000+/-0.000 χ^2/NDF : 14.8/13

In: 0.000+/-0.000 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/13

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

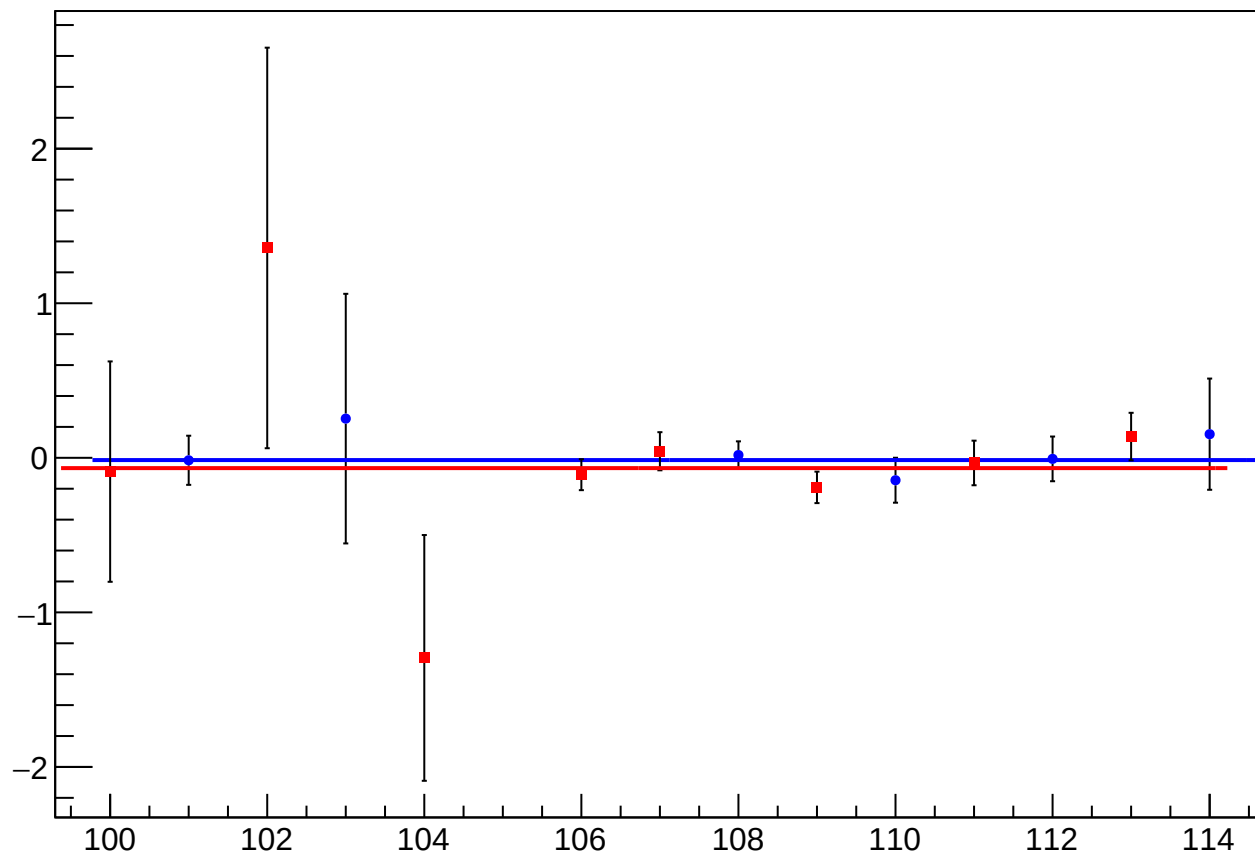
Right: 0.008+/-0.000 χ^2/NDF : 1000583.4/13

In: 0.009+/-0.000 χ^2/NDF :590949.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1000583.4/13

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

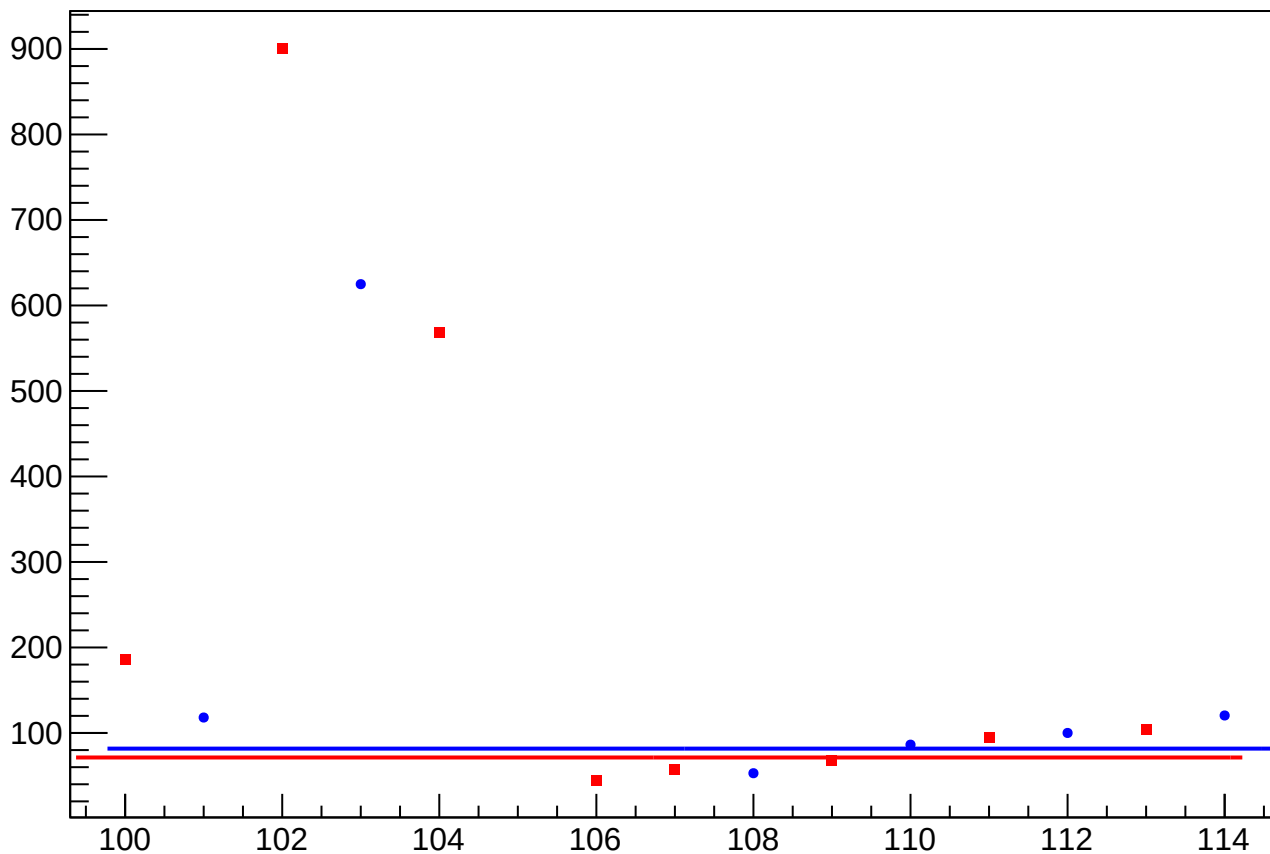
Right: -0.044+/-0.040 χ^2/NDF : 9.6/13

In: -0.015+/-0.061 χ^2/NDF :1.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.044+/-0.040 χ^2/NDF : 9.6/13

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

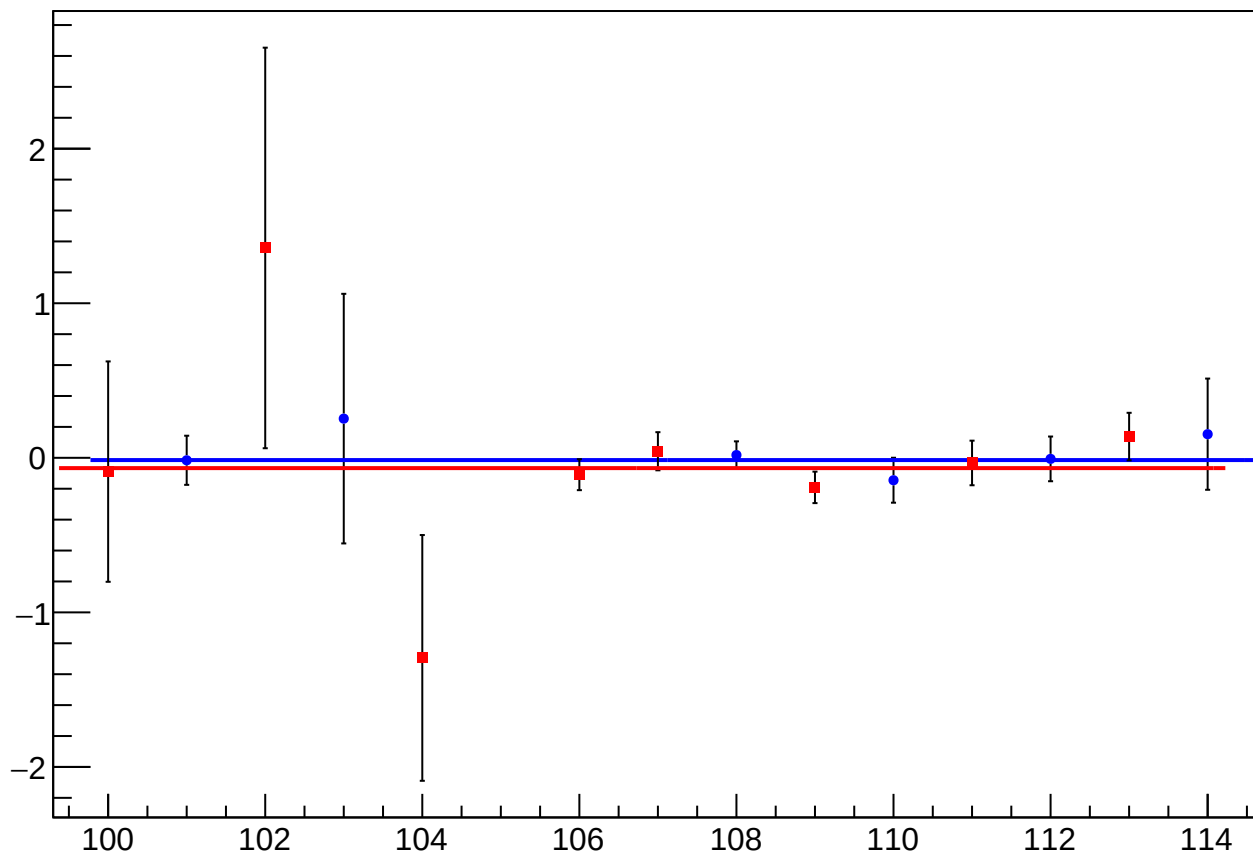
Right: 75.814+/-0.028 χ^2/NDF : 3287504.4/13

In: 81.705+/-0.043 χ^2/NDF : 1278104.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.814+/-0.028 χ^2/NDF : 3287504.4/13

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

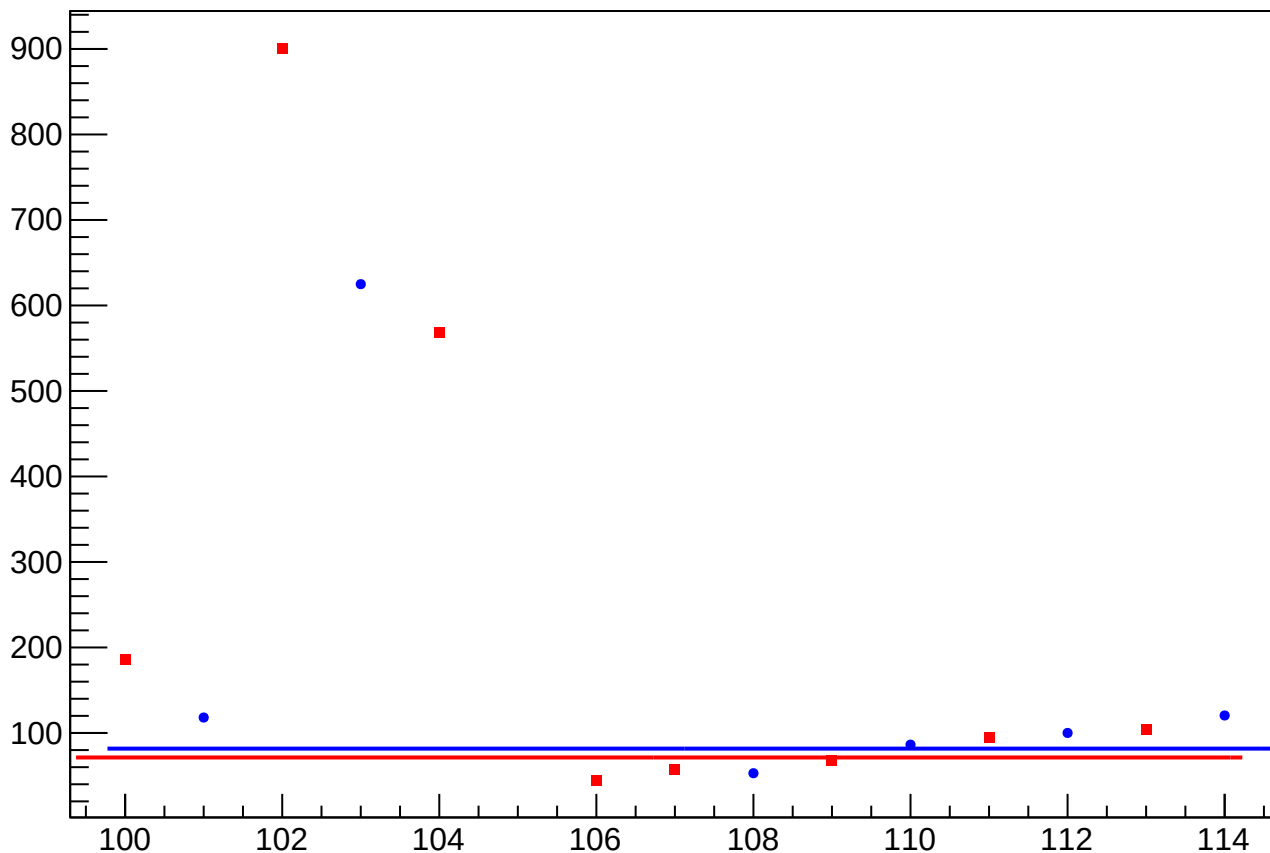
Right: -0.044+/-0.040 χ^2/NDF : 9.6/13

In: -0.015+/-0.061 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.044+/-0.040 χ^2/NDF : 9.6/13

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

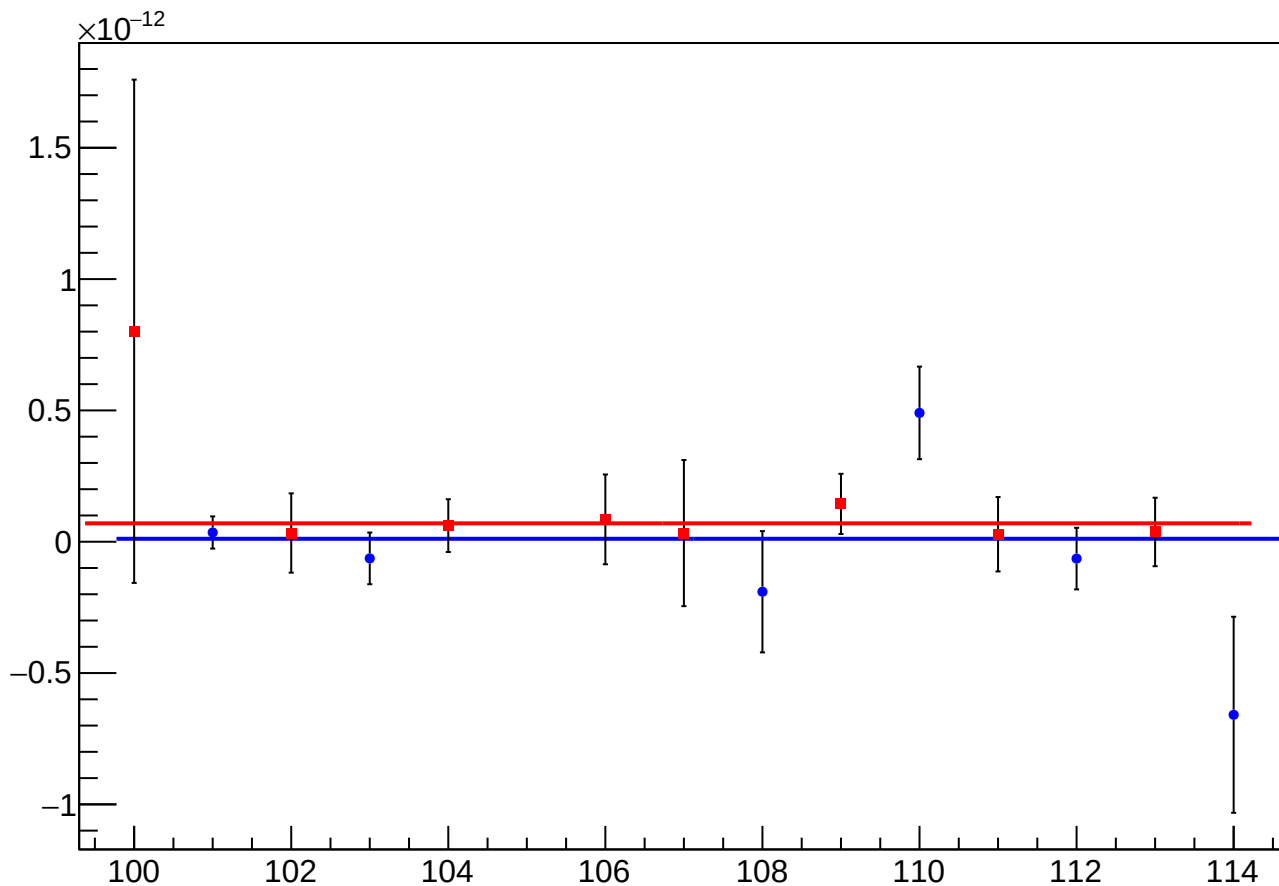
Right: 75.814+/-0.028 χ^2/NDF : 3287504.4/13

In: 81.705+/-0.043 χ^2/NDF : 1278104.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.814+/-0.028 χ^2/NDF : 3287504.4/13

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

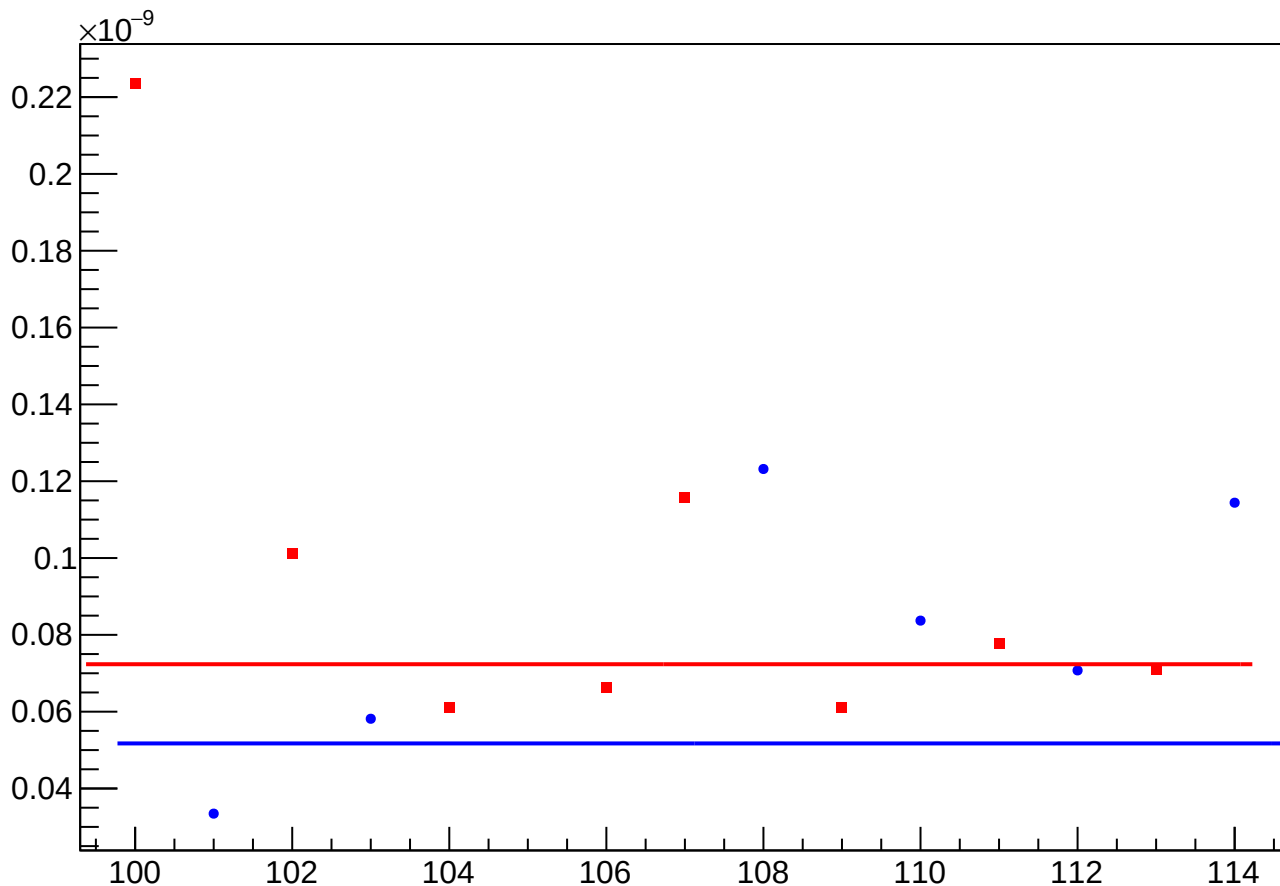
Right: 0.000+/-0.000 χ^2/NDF : 14.5/13

In: 0.000+/-0.000 χ^2/NDF : 12.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/13

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

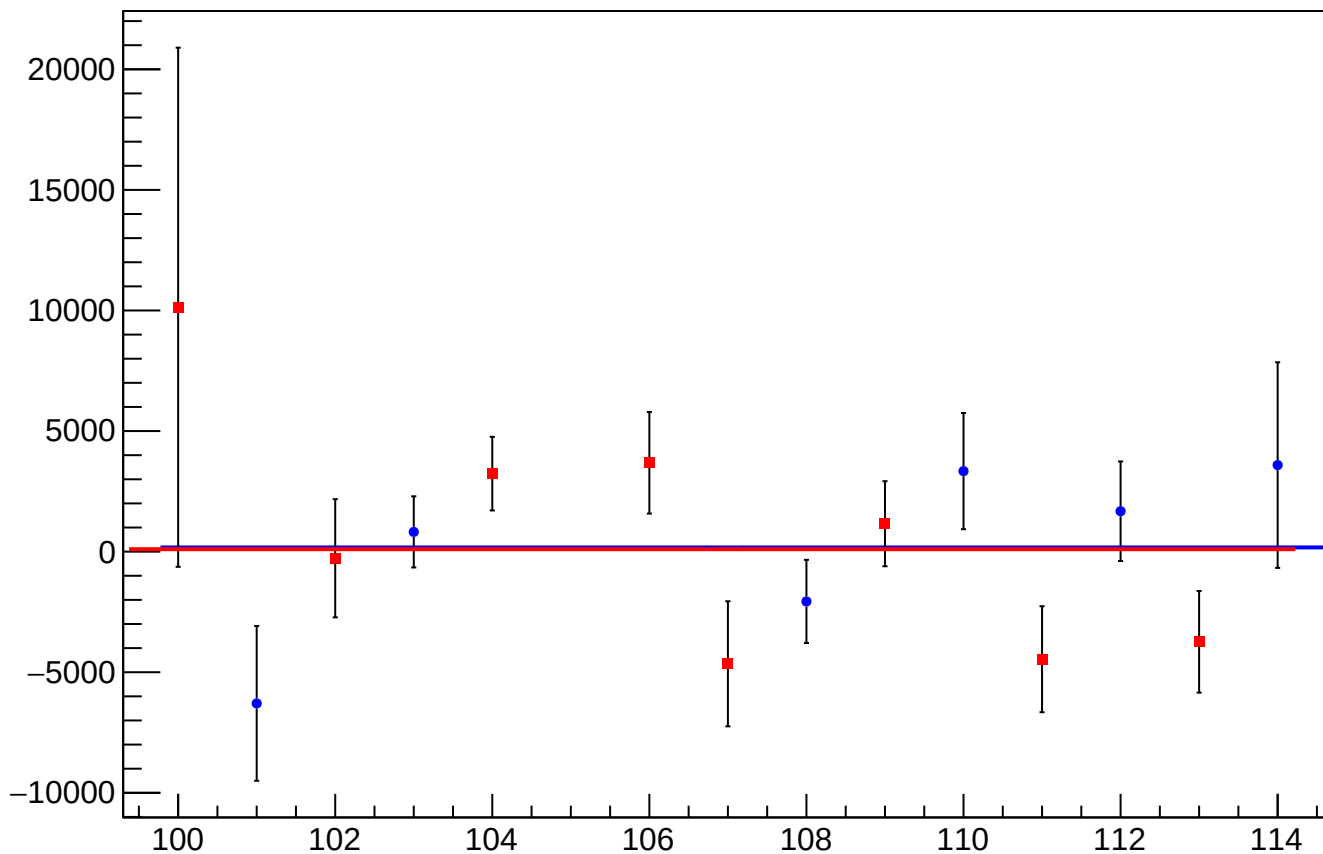
Right: 0.000+/-0.000 χ^2/NDF : 956274.0/13

In: 0.000+/-0.000 χ^2/NDF : 552699.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 956274.0/13

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

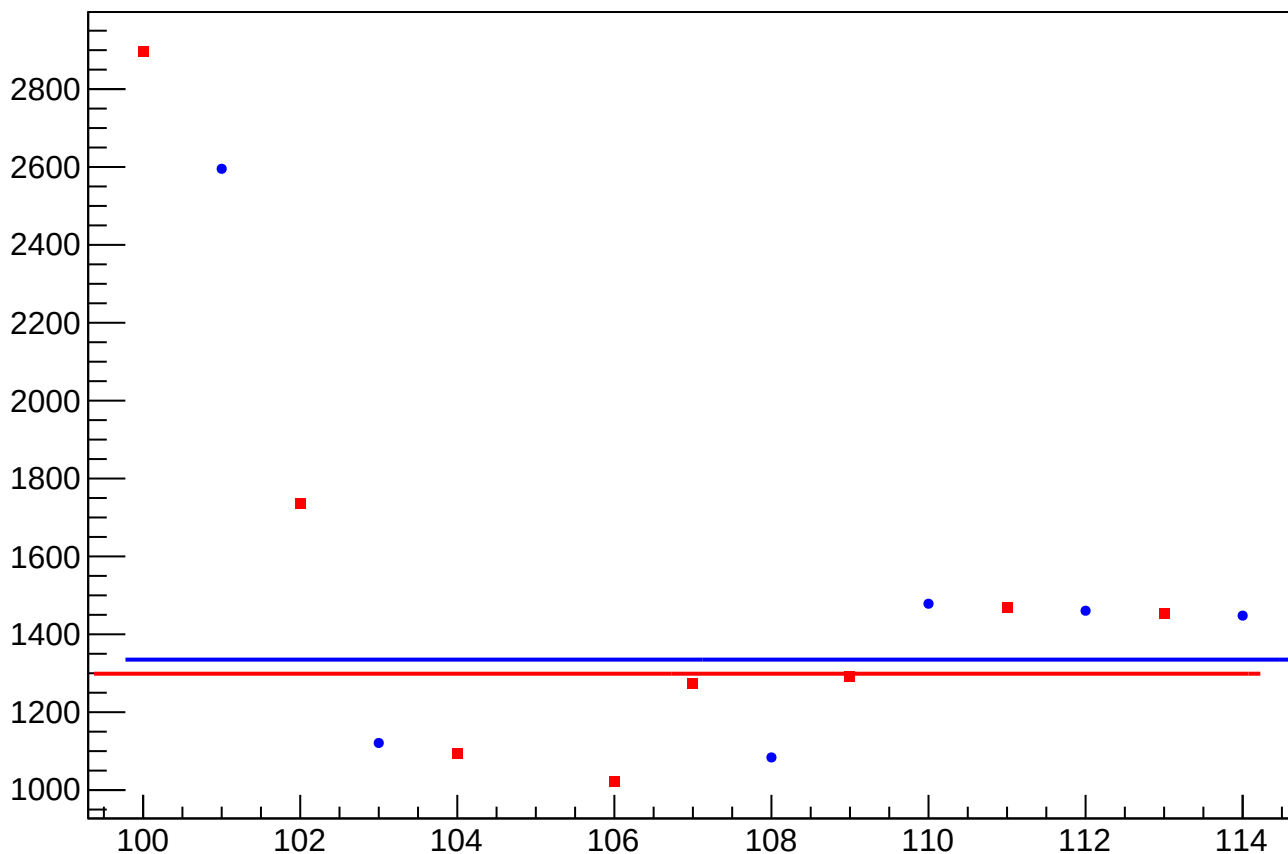
Right: 133.337 $\pm$ 569.162 χ^2 /NDF: 28.2/13

In: 174.445 $\pm$ 859.130 χ^2 /NDF:8.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.337 $\pm$ 569.162 χ^2 /NDF: 28.2/13

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1335.001+/-0.607 χ^2/NDF : 409020.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1298.826+/-0.537 χ^2/NDF : 201155.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

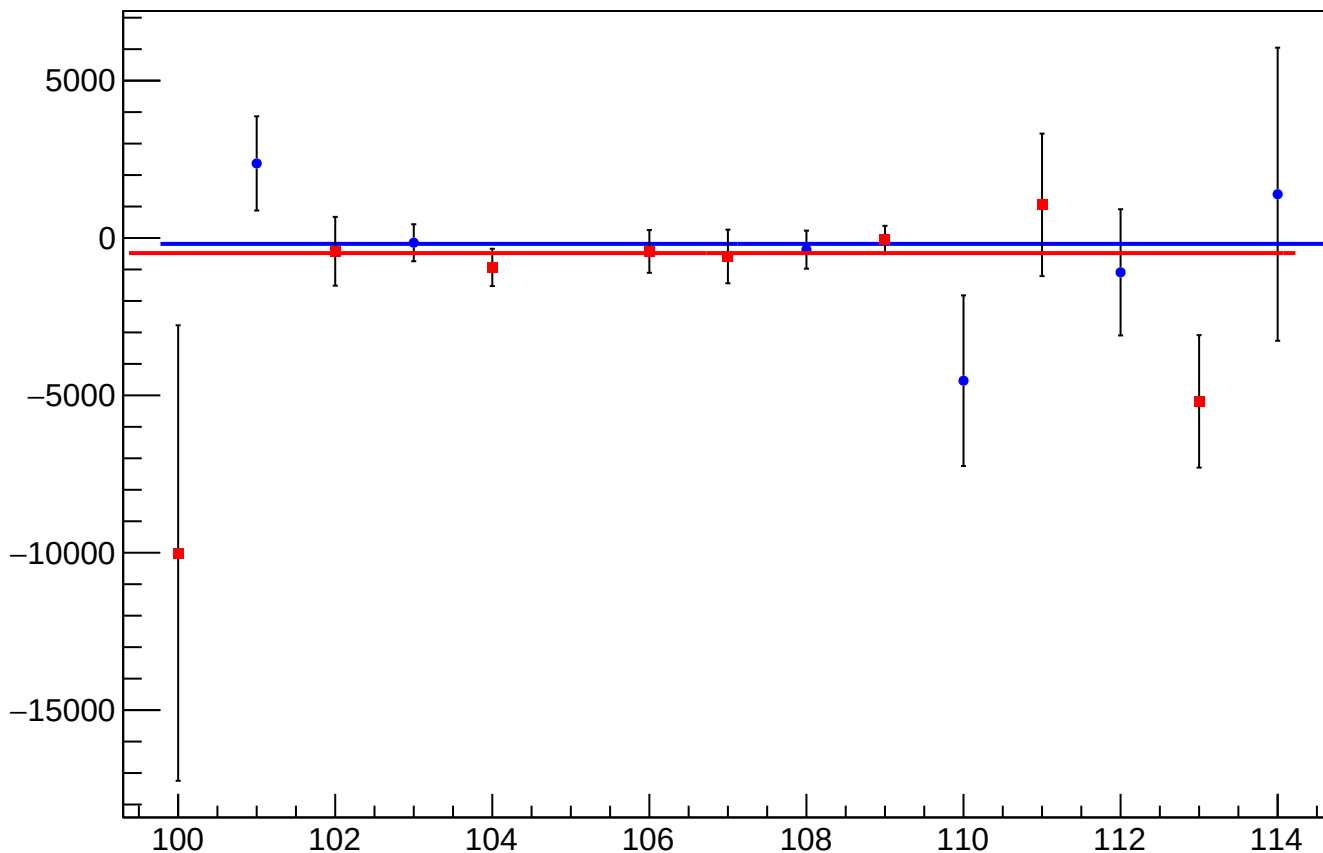
Right: 1314.703+/-0.402 χ^2/NDF : 612165.9/13

In: 1335.001+/-0.607 χ^2/NDF :409020.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1314.703+/-0.402 χ^2/NDF : 612165.9/13

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -186.320+/-392.110 χ^2/NDF : 5.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.359+/-278.761 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

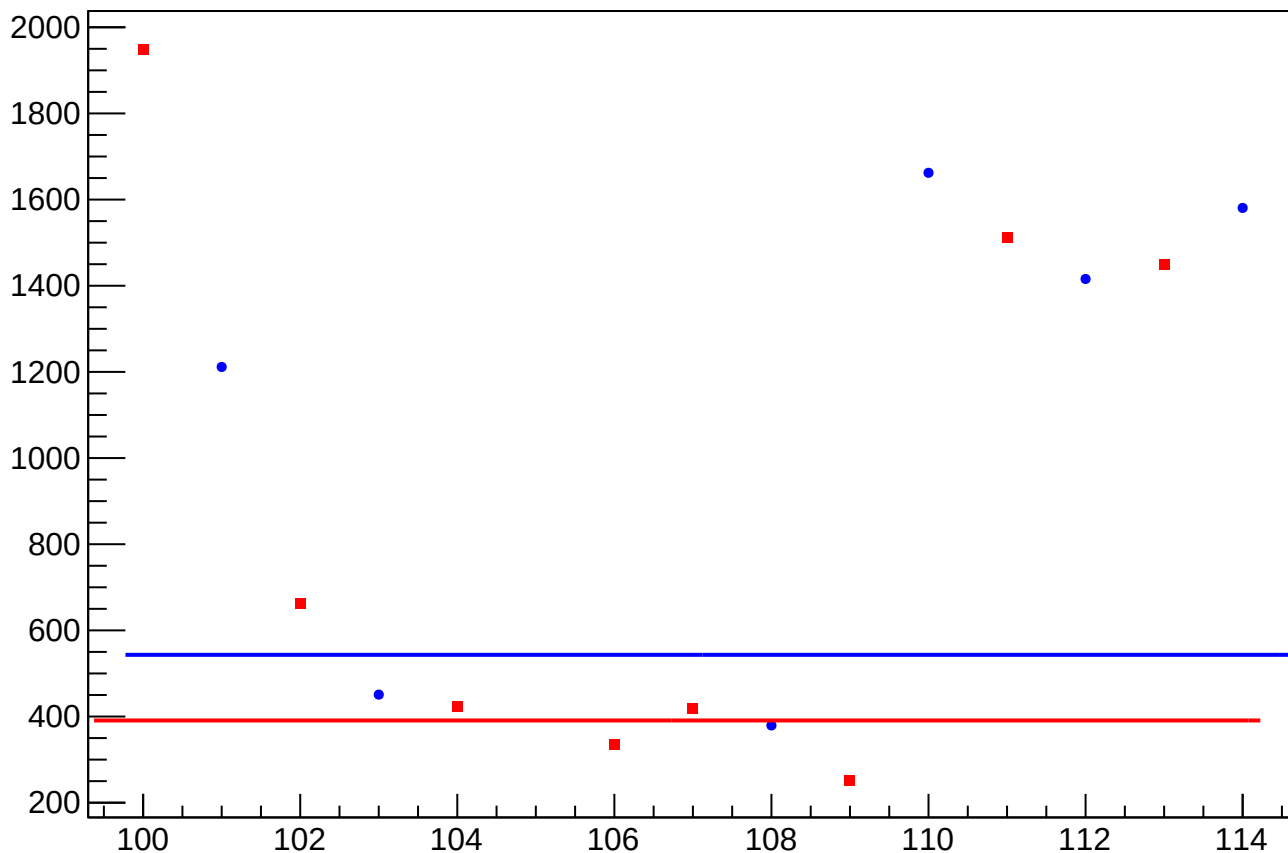
Right: -380.977+/-227.198 χ^2/NDF : 15.0/13

In: -186.320+/-392.110 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.977+/-227.198 χ^2/NDF : 15.0/13

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 543.240+/-0.277 χ^2/NDF : 1413611.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 390.869+/-0.197 χ^2/NDF : 1438279.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

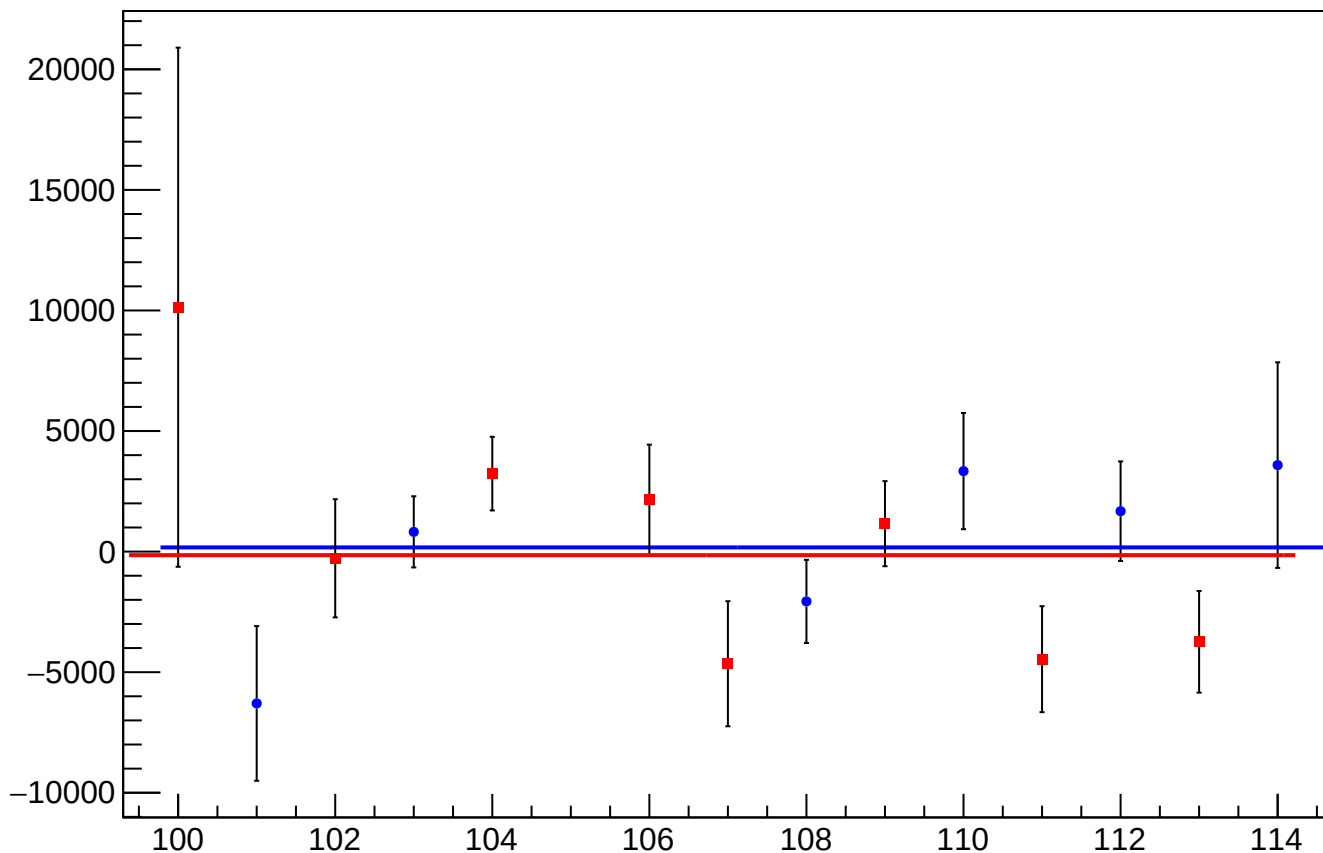
Right: 442.025+/-0.161 χ^2/NDF : 3052503.3/13

In: 543.240+/-0.277 χ^2/NDF : 1413611.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.025+/-0.161 χ^2/NDF : 3052503.3/13

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

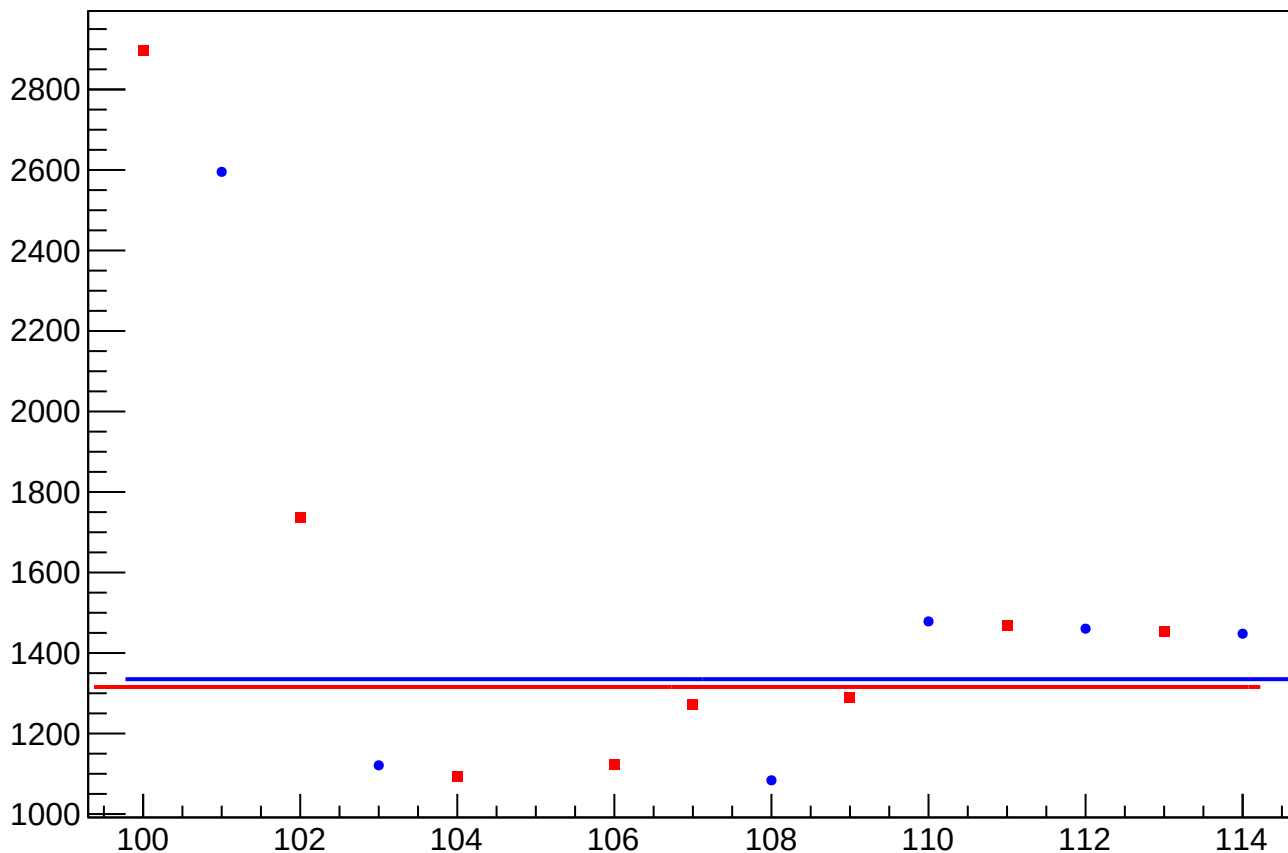
Right: -3.778+/-572.408 χ^2/NDF : 26.1/13

In: 174.119+/-859.130 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.778+/-572.408 χ^2/NDF : 26.1/13

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

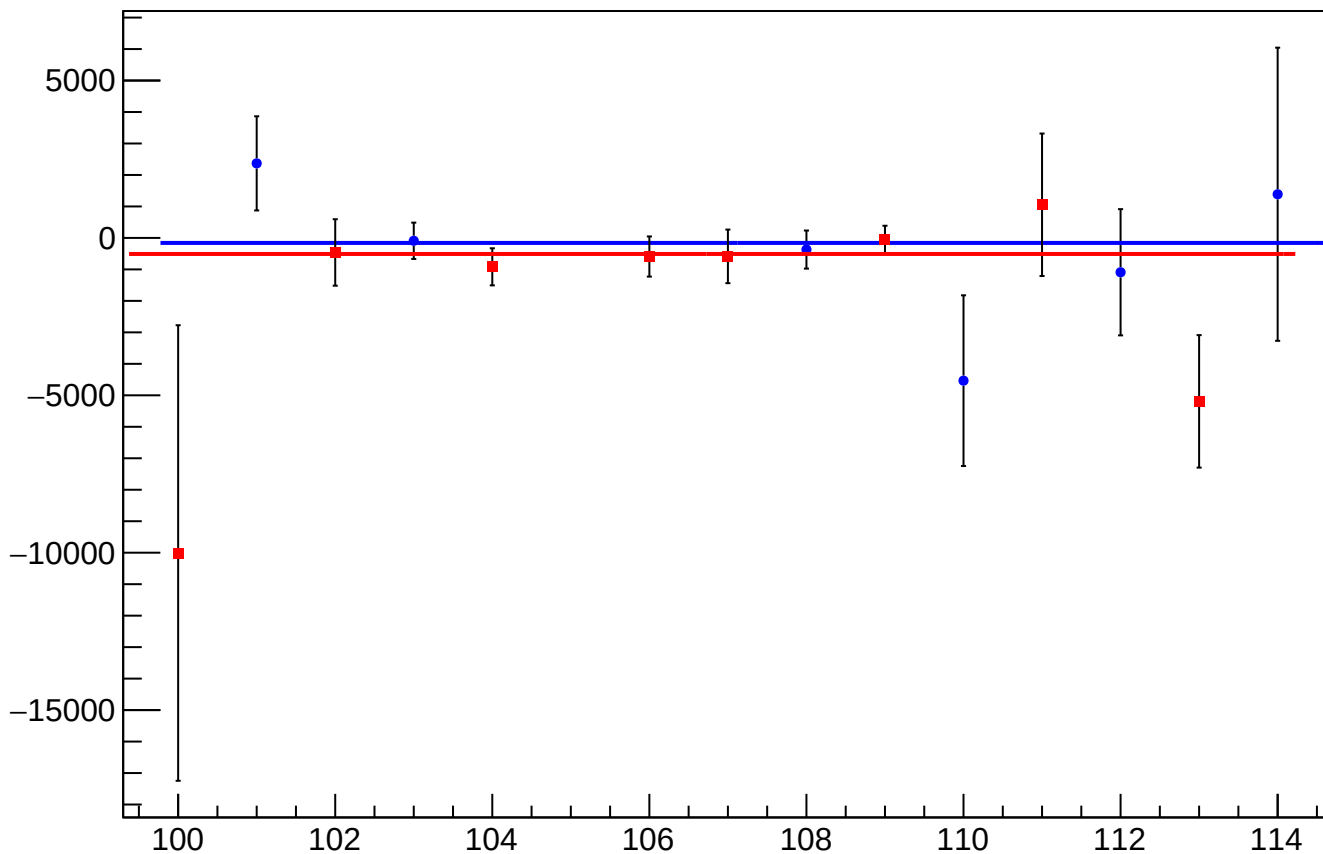
Right: 1324.237+/-0.405 χ^2/NDF : 587326.3/13

In: 1335.000+/-0.607 χ^2/NDF :409020.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1324.237+/-0.405 χ^2/NDF : 587326.3/13

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

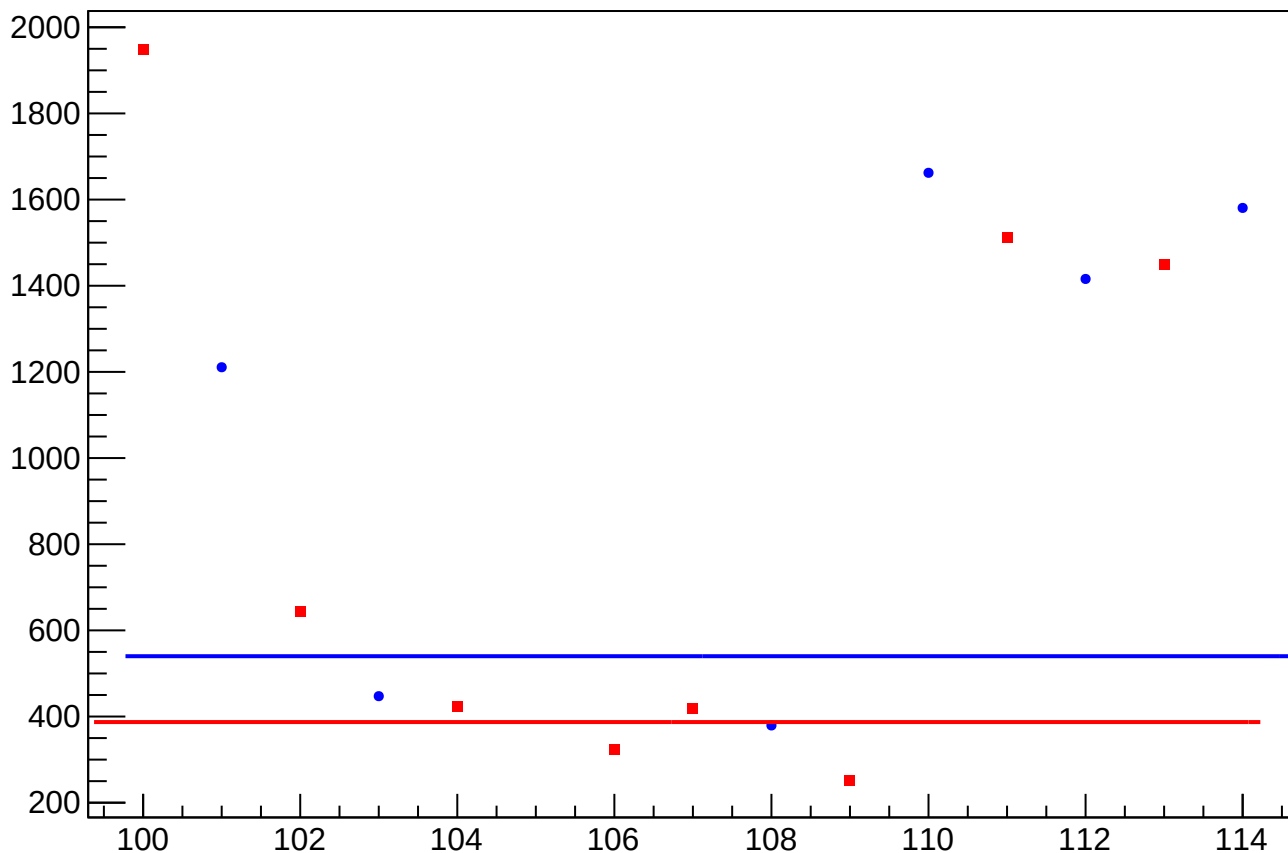
Right: -392.447+/-224.358 χ^2/NDF : 15.2/13

In: -158.572+/-388.741 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.447+/-224.358 χ^2/NDF : 15.2/13

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

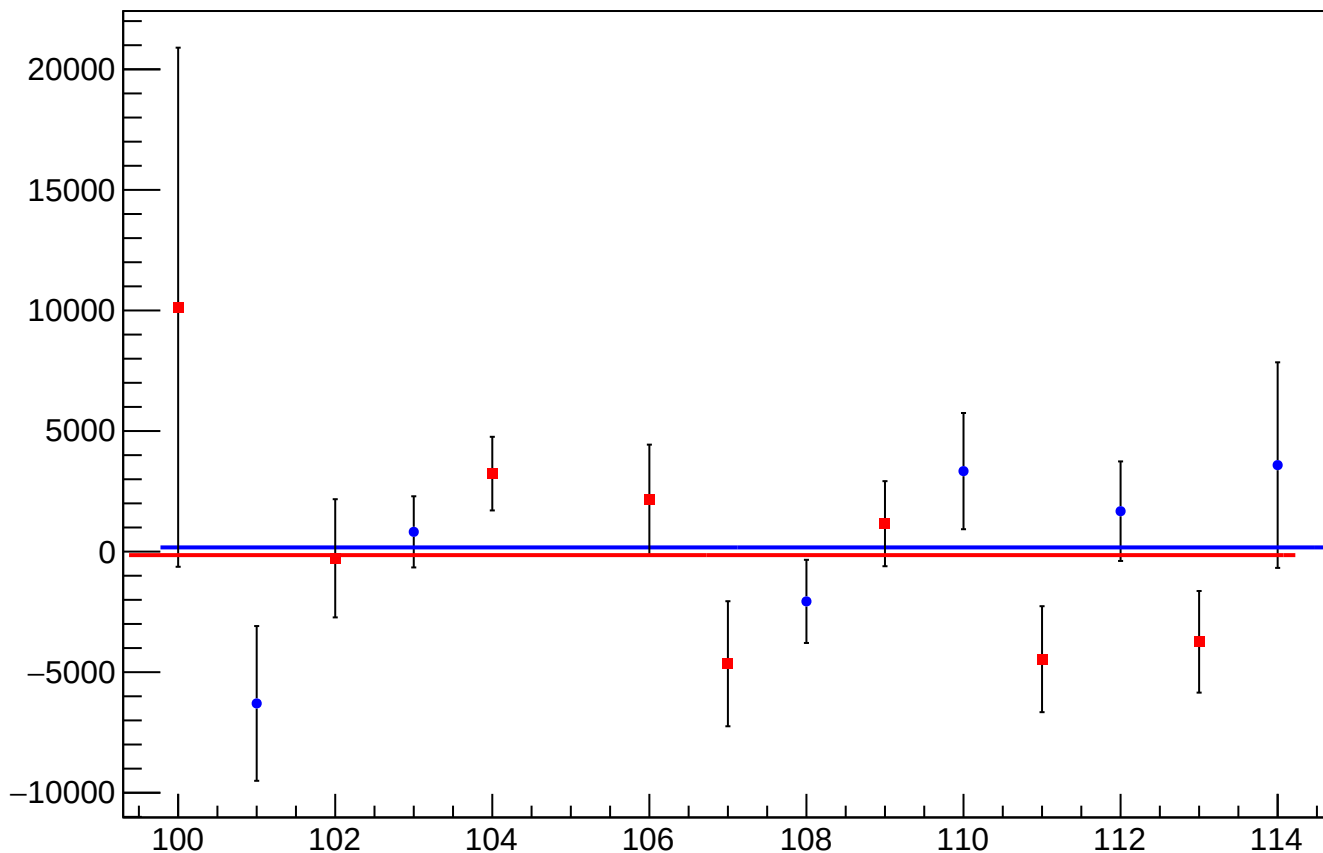
Right: 438.086+/-0.159 χ^2/NDF : 3061977.6/13

In: 540.032+/-0.275 χ^2/NDF : 1419100.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.086+/-0.159 χ^2/NDF : 3061977.6/13

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

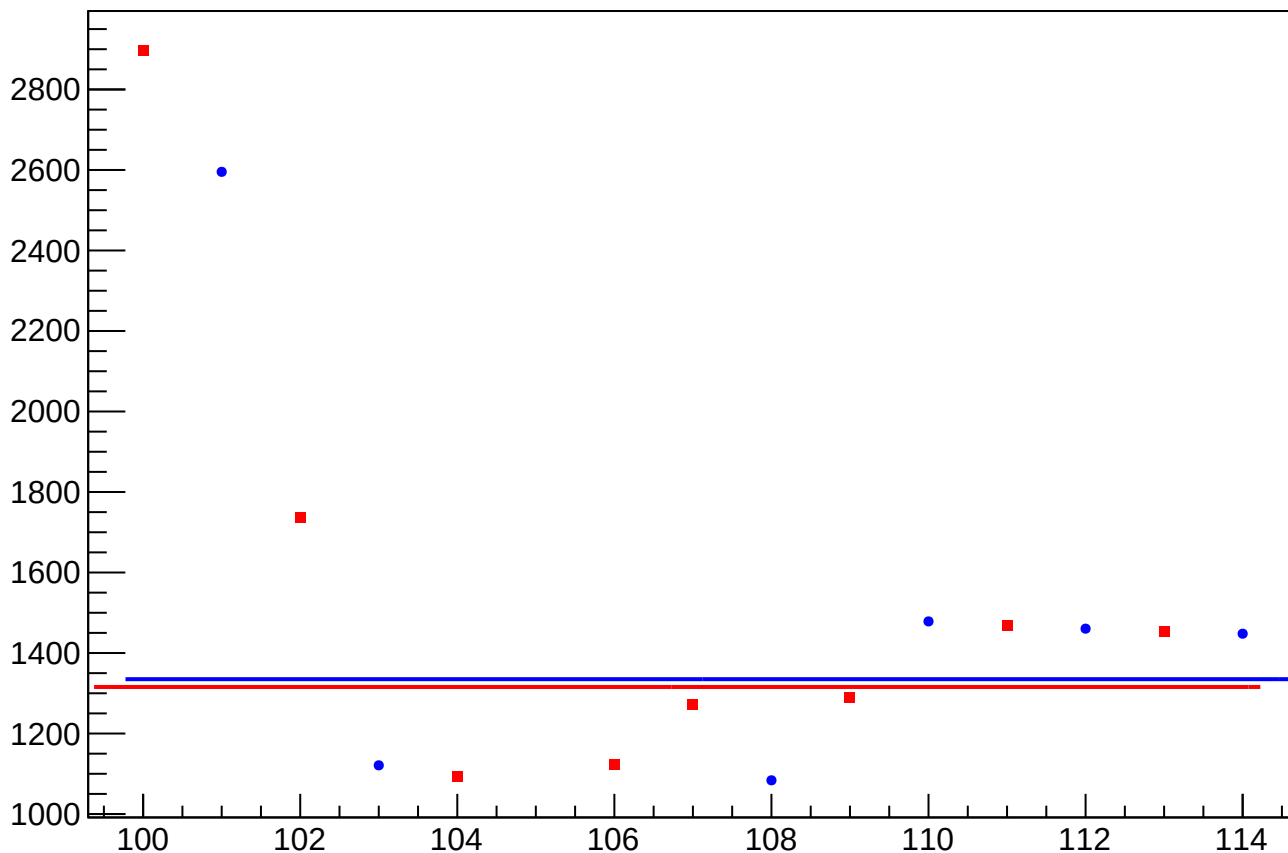
Right: -3.778+/-572.408 χ^2/NDF : 26.1/13

In: 174.119+/-859.130 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.778+/-572.408 χ^2/NDF : 26.1/13

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

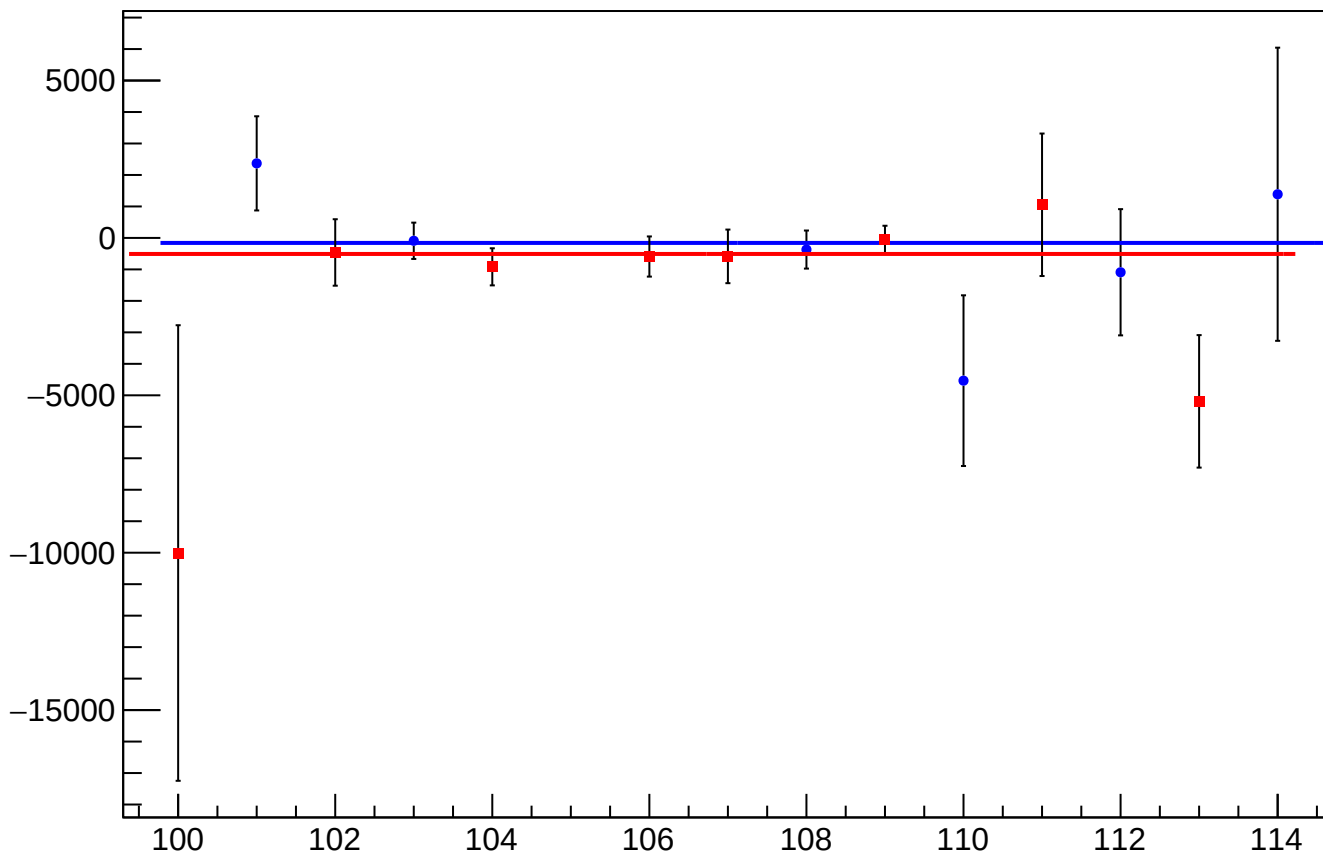
Right: 1324.237+/-0.405 χ^2/NDF : 587326.3/13

In: 1335.000+/-0.607 χ^2/NDF : 409020.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.237+/-0.405 χ^2/NDF : 587326.3/13

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

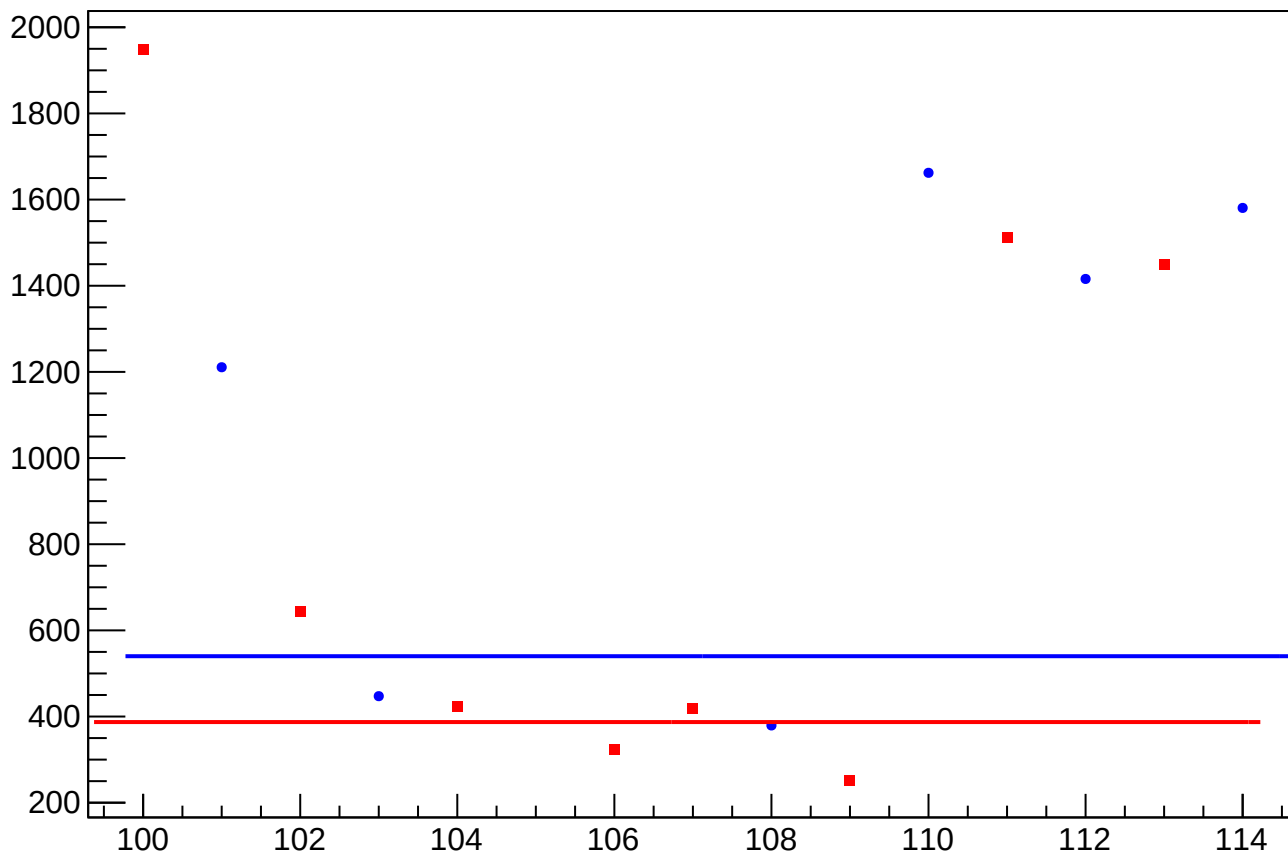
Right: -392.447+/-224.358 χ^2/NDF : 15.2/13

In: -158.572+/-388.741 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.447+/-224.358 χ^2/NDF : 15.2/13

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

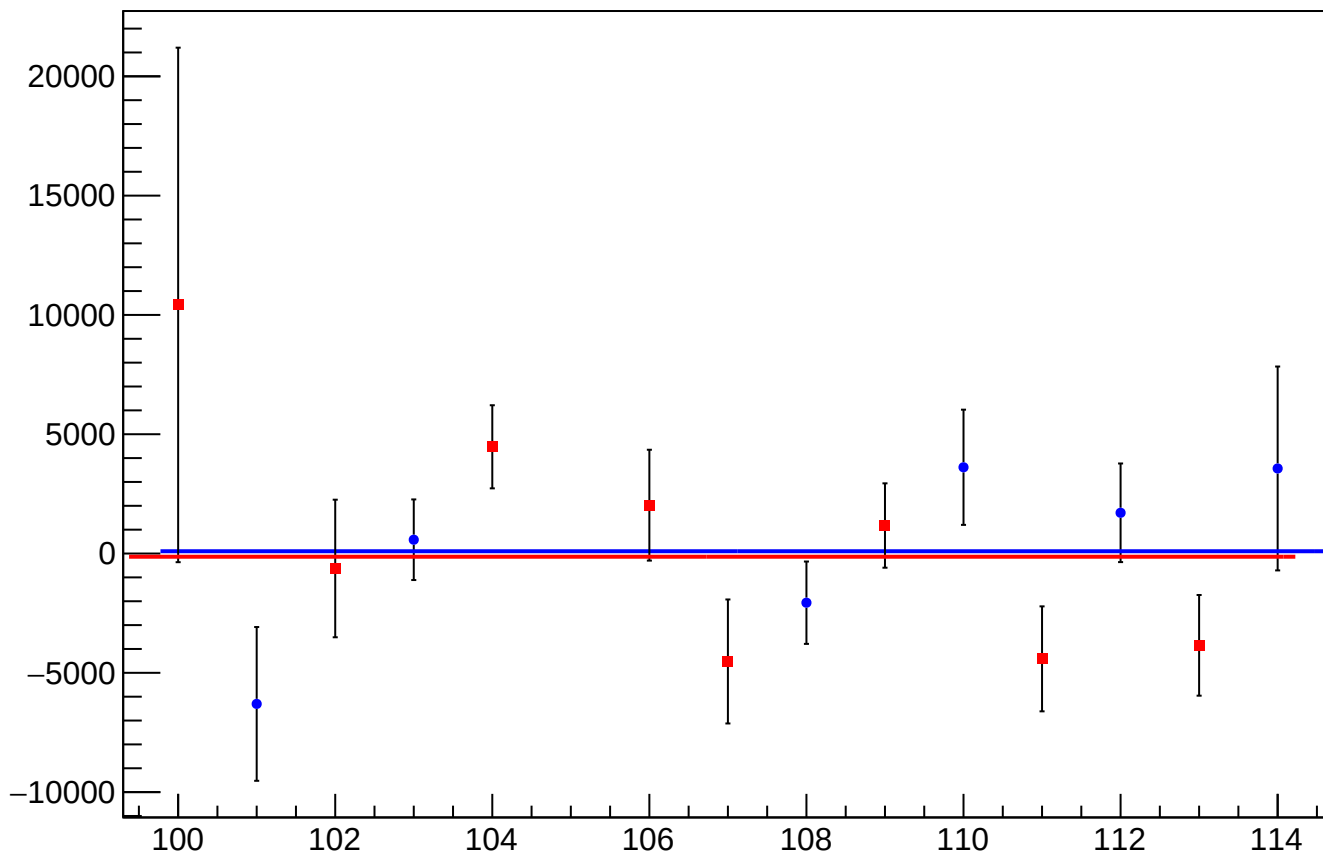
Right: 438.086+/-0.159 χ^2/NDF : 3061977.6/13

In: 540.032+/-0.275 χ^2/NDF : 1419100.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.086+/-0.159 χ^2/NDF : 3061977.6/13

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

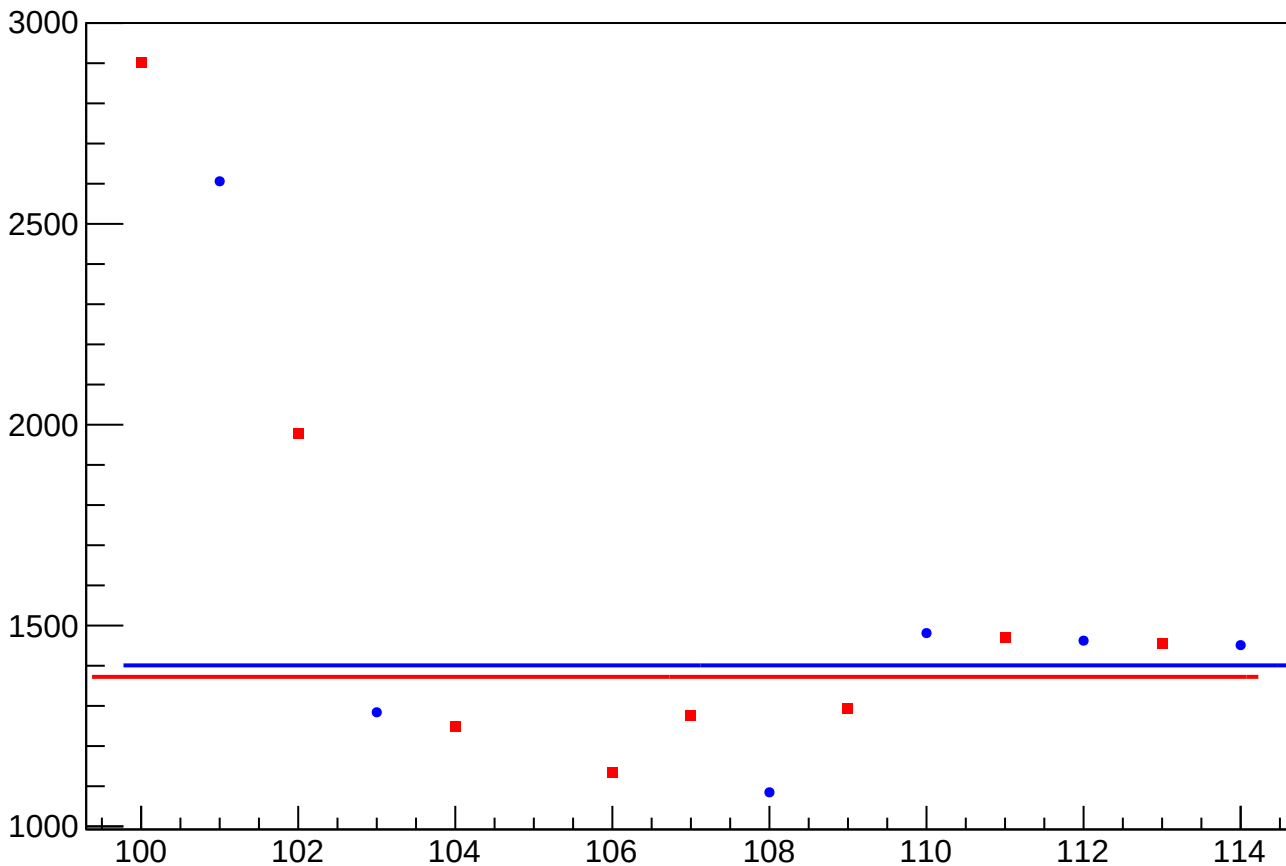
Right: -31.457+/-599.098 χ^2/NDF : 28.1/13

In: 95.671+/-896.971 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.457+/-599.098 χ^2/NDF : 28.1/13

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1400.889+/-0.634 χ^2/NDF : 360586.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.315+/-0.569 χ^2/NDF : 173770.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

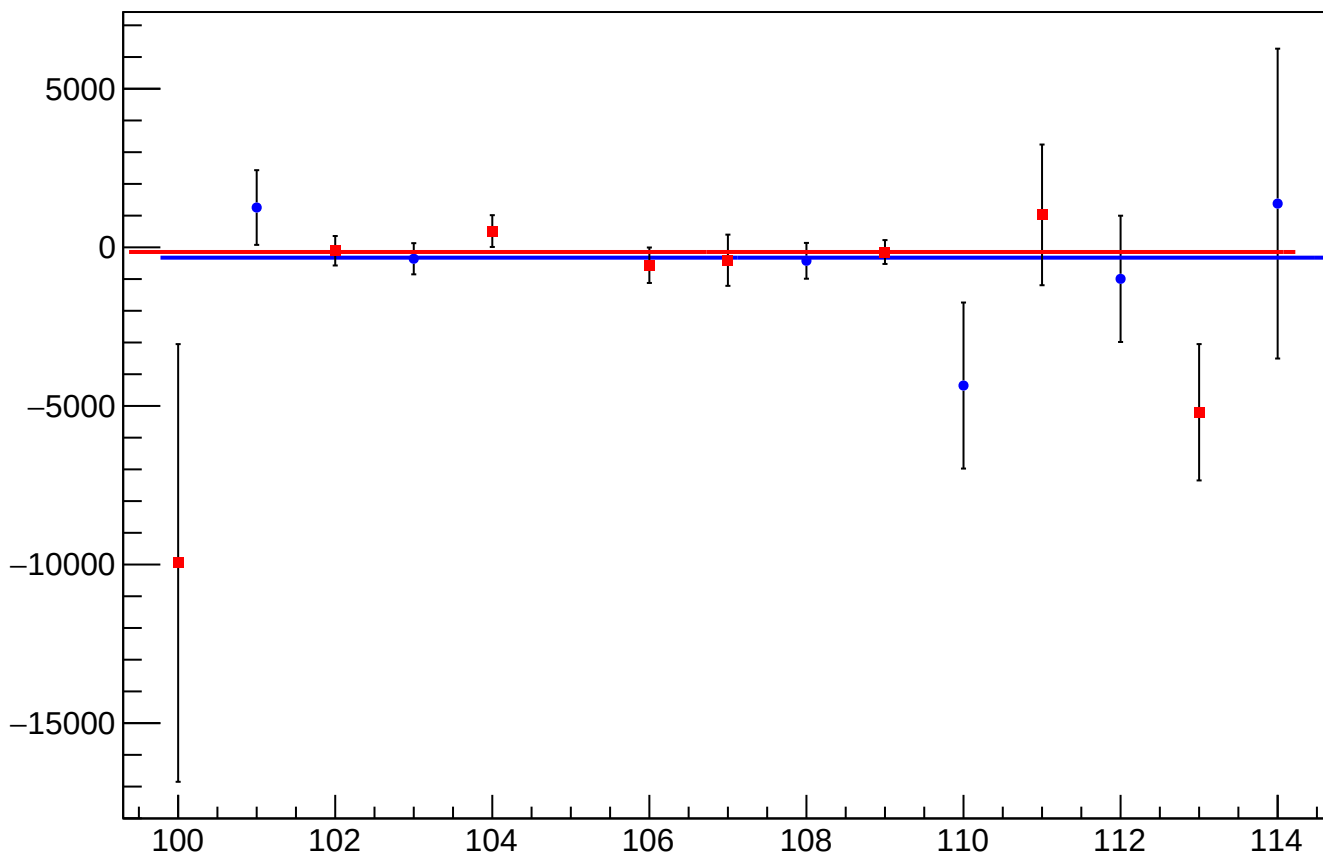
Right: 1385.062+/-0.424 χ^2/NDF : 535481.6/13

In: 1400.889+/-0.634 χ^2/NDF : 360586.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.062+/-0.424 χ^2/NDF : 535481.6/13

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -325.197+/-344.148 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -146.233+/-218.992 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

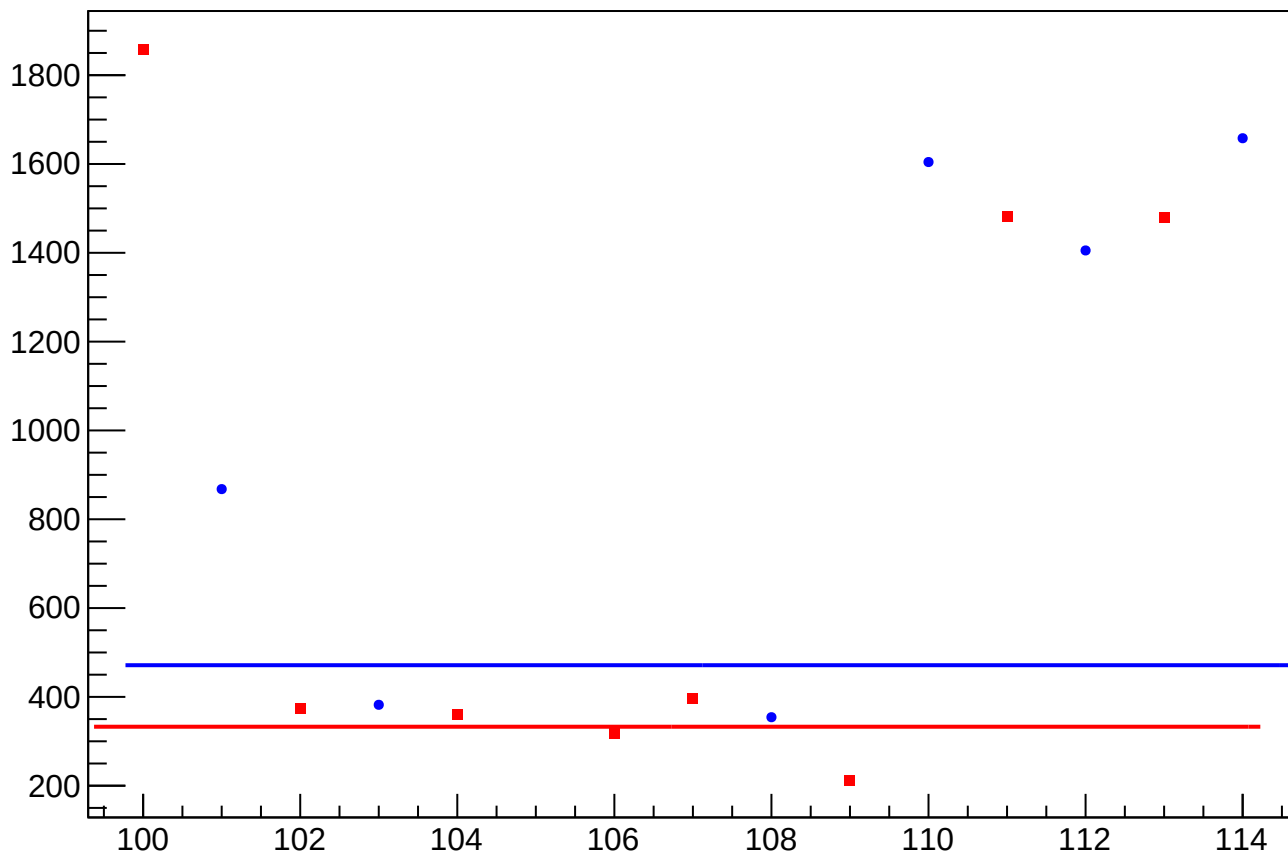
Right: -197.813+/-184.758 χ^2/NDF : 14.9/13

In: -325.197+/-344.148 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.813+/-184.758 χ^2/NDF : 14.9/13

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 471.341+/-0.243 χ^2/NDF : 1311873.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 332.819+/-0.155 χ^2/NDF : 1447256.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

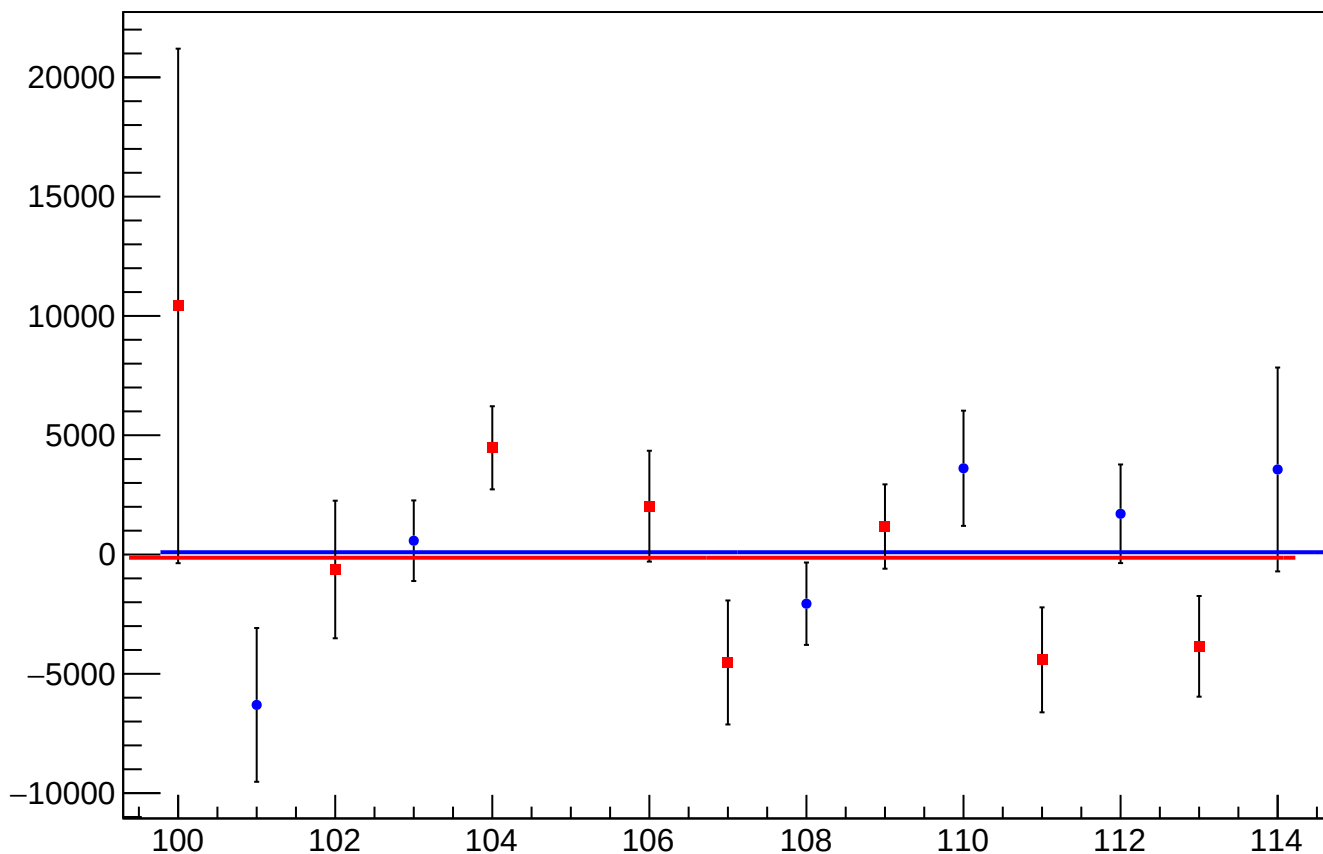
Right: 372.743+/-0.131 χ^2/NDF : 2989767.5/13

In: 471.341+/-0.243 χ^2/NDF : 1311873.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.743+/-0.131 χ^2/NDF : 2989767.5/13

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

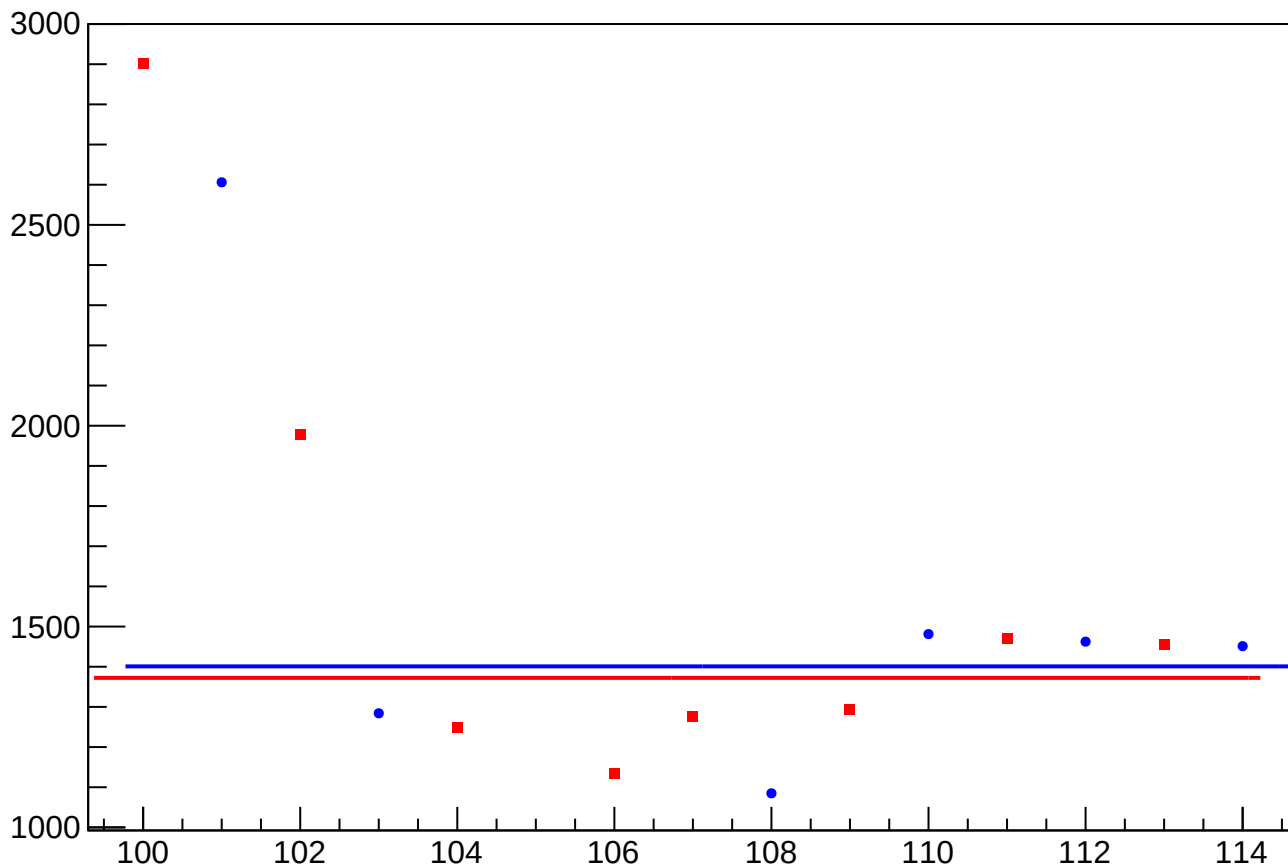
Right: -31.461+/-599.098 χ^2/NDF : 28.1/13

In: 95.664+/-896.971 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.461+/-599.098 χ^2/NDF : 28.1/13

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1400.889+/-0.634 χ^2/NDF : 360586.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.315+/-0.569 χ^2/NDF : 173770.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

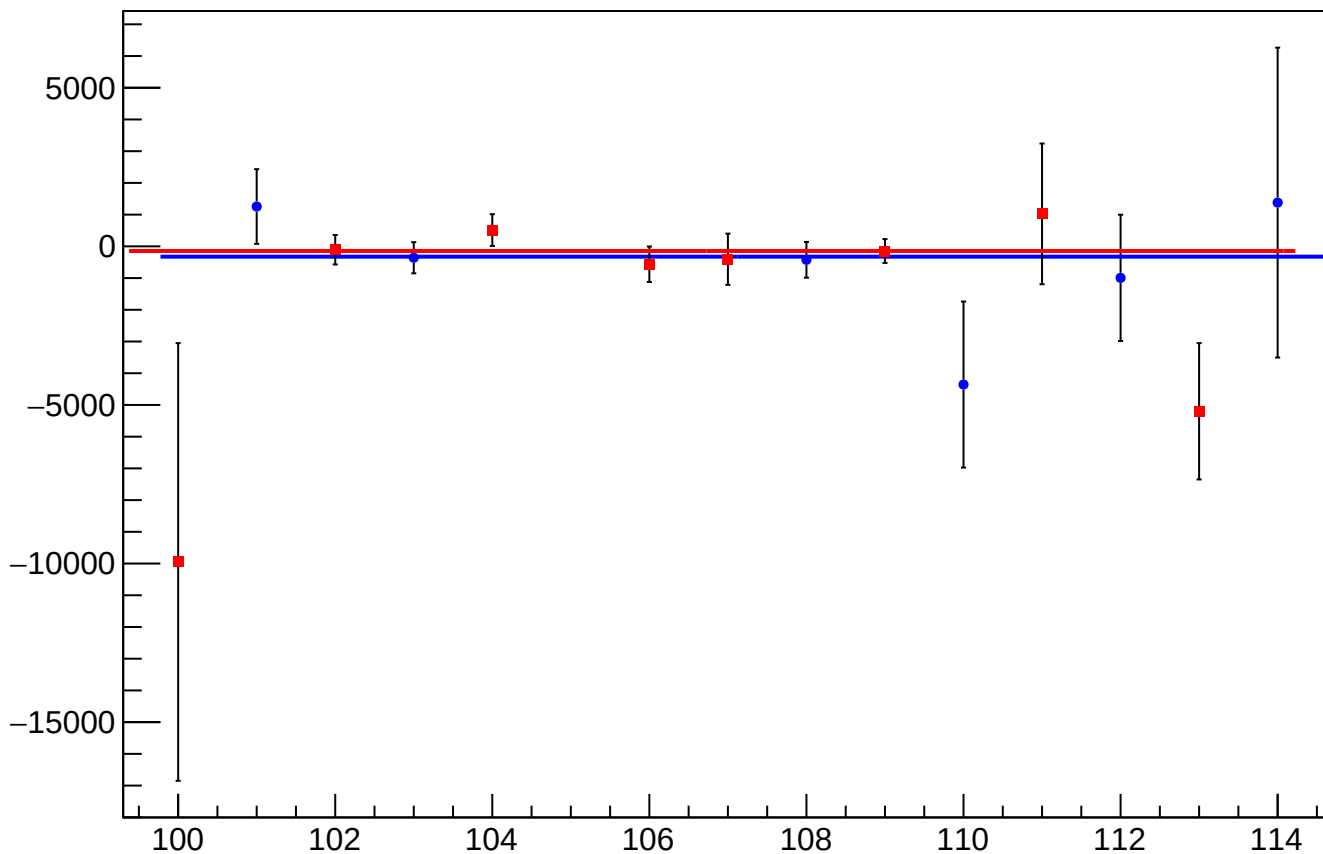
Right: 1385.062+/-0.424 χ^2/NDF : 535481.2/13

In: 1400.889+/-0.634 χ^2/NDF : 360586.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.062+/-0.424 χ^2/NDF : 535481.2/13

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -325.204+/-344.143 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -146.227+/-218.993 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

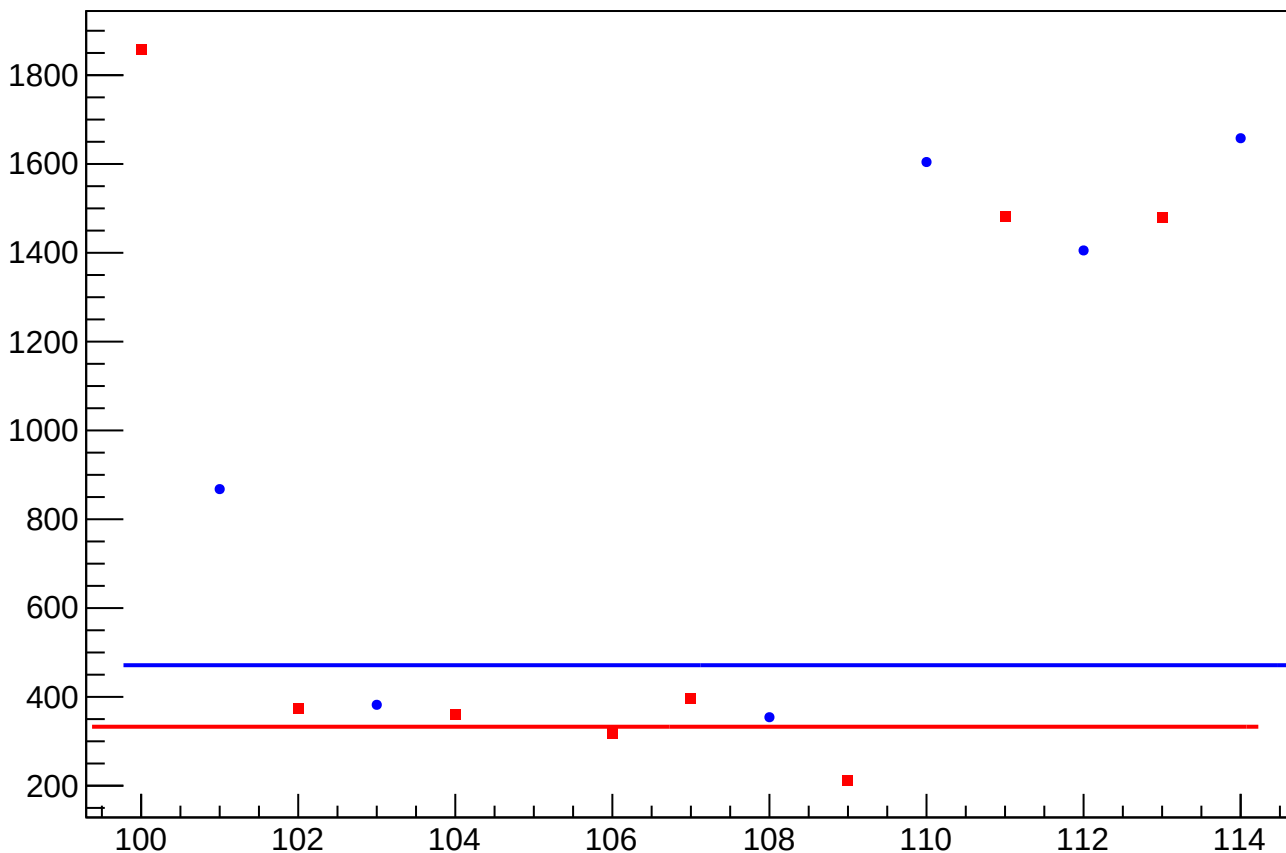
Right: -197.812+/-184.758 χ^2/NDF : 14.9/13

In: -325.204+/-344.143 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.812+/-184.758 χ^2/NDF : 14.9/13

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

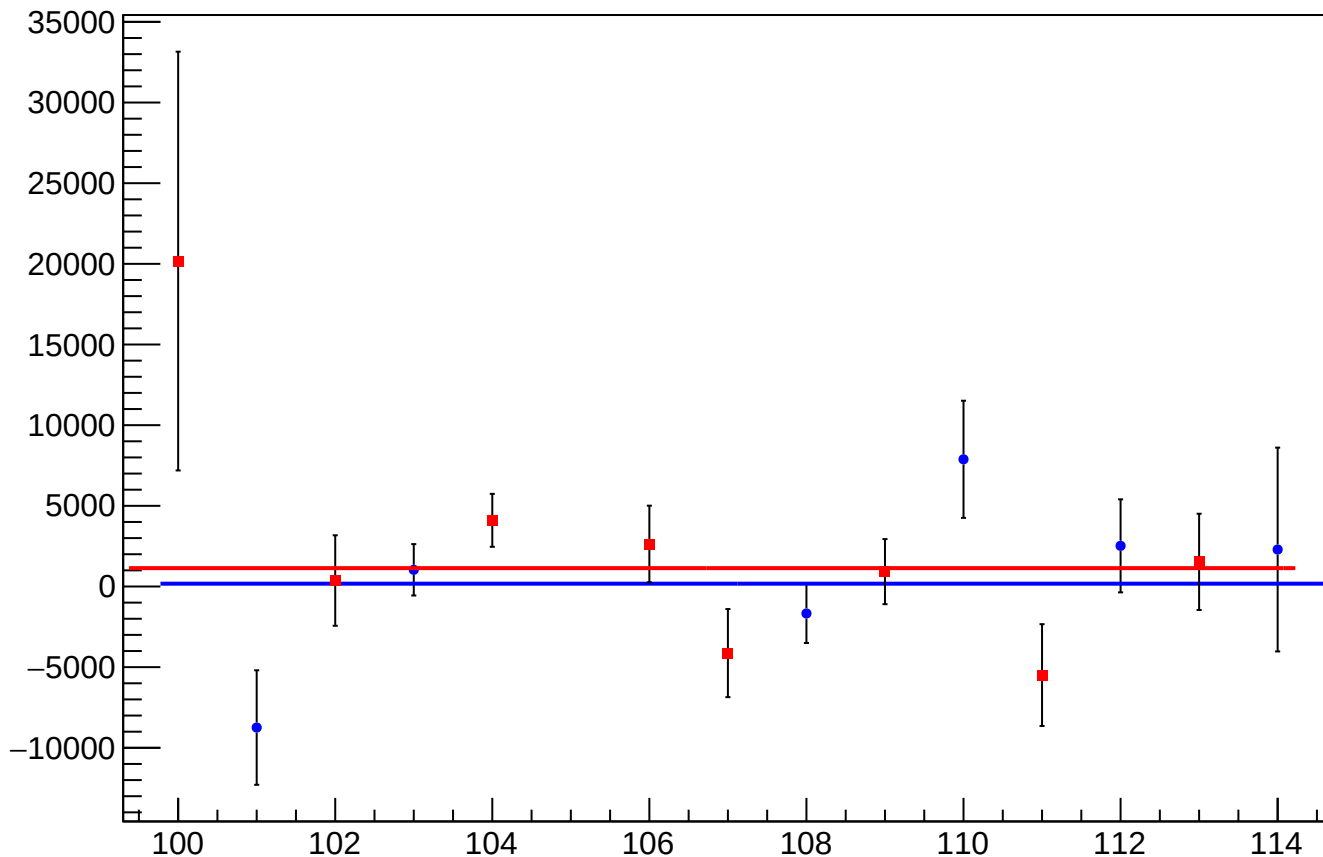
Right: 372.745+/-0.131 χ^2/NDF : 2989705.6/13

In: 471.333+/-0.243 χ^2/NDF : 1311899.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.745+/-0.131 χ^2/NDF : 2989705.6/13

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 173.744+/-1003.048 χ^2/NDF : 12.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.808+/-885.912 χ^2/NDF : 14.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

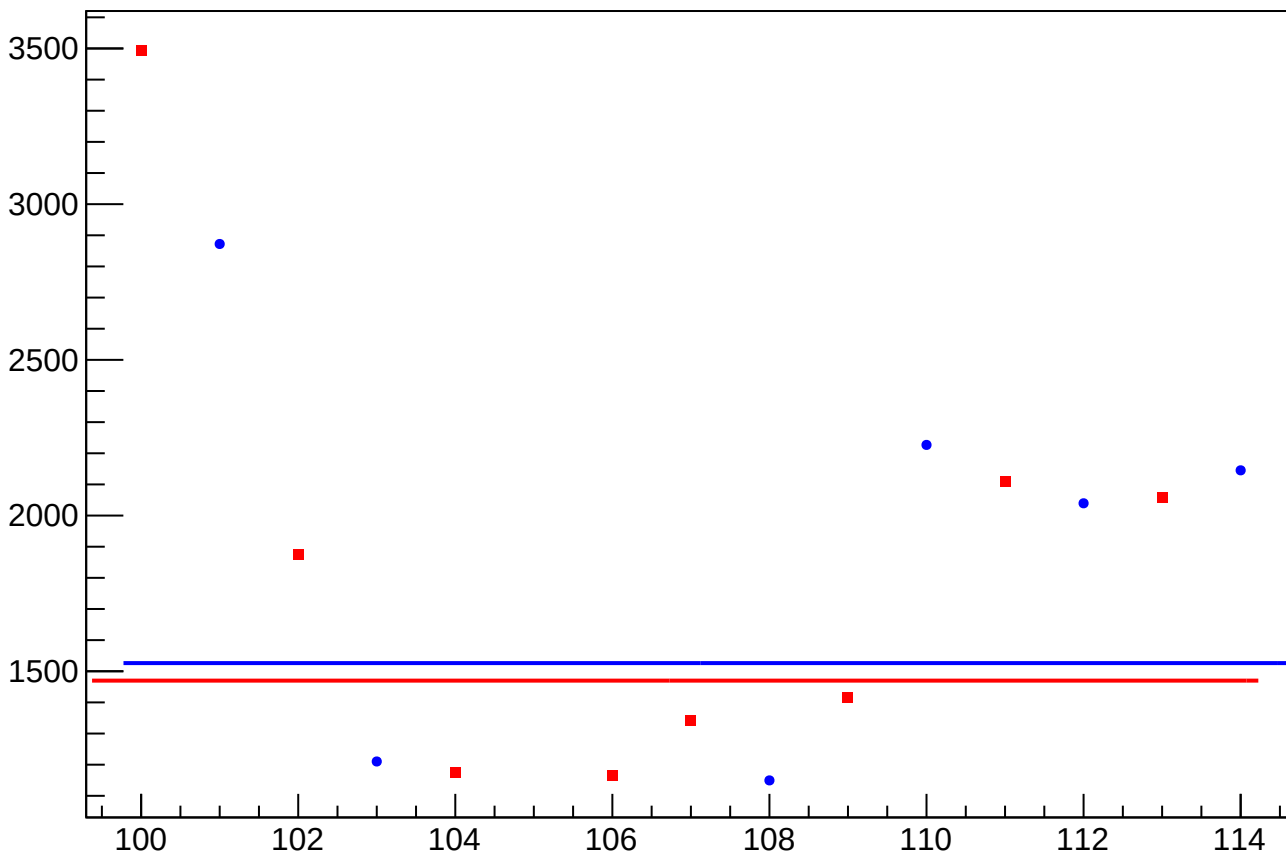
Right: 715.329+/-664.005 χ^2/NDF : 27.5/13

In: 173.744+/-1003.048 χ^2/NDF : 12.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.329+/-664.005 χ^2/NDF : 27.5/13

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

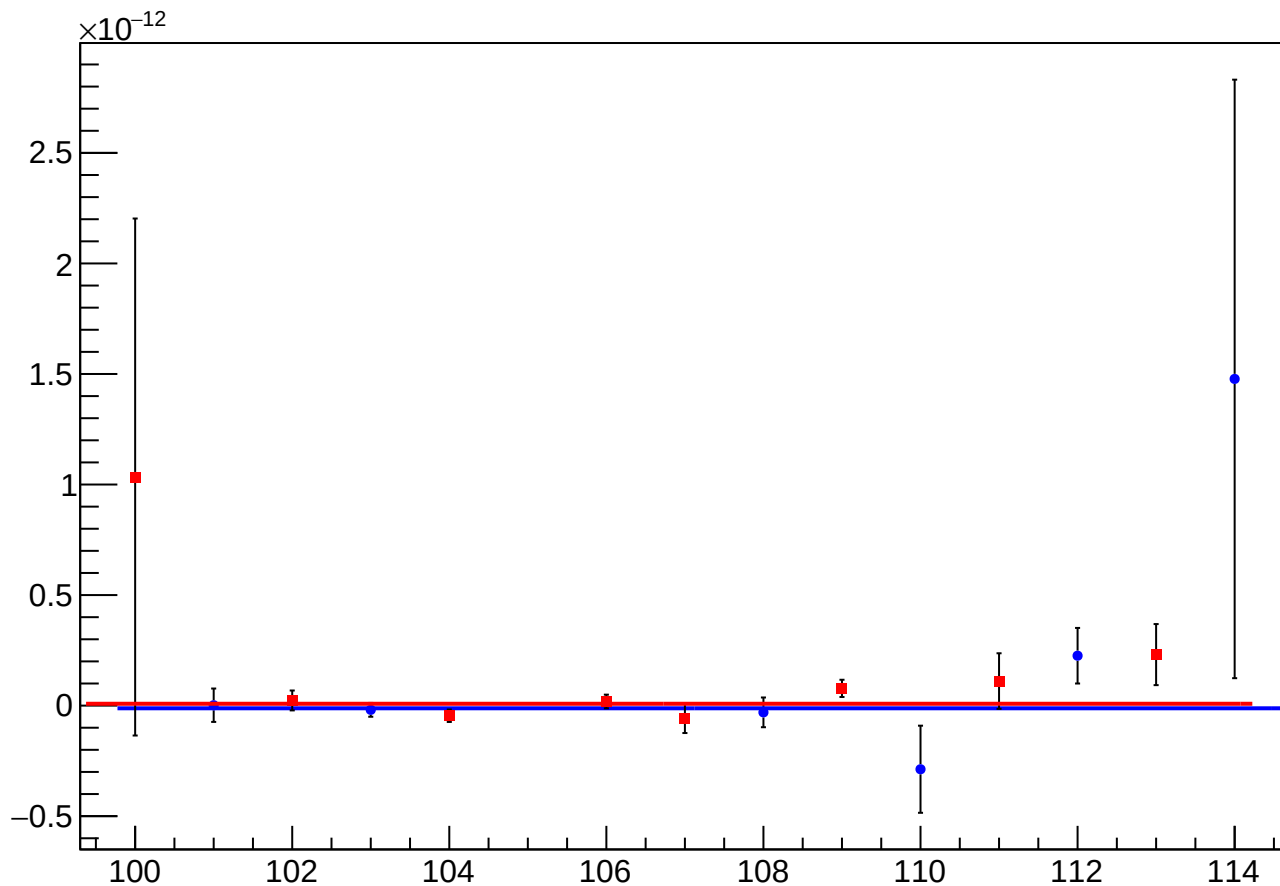
Right: 1494.604+/-0.470 χ^2/NDF : 964932.9/13

In: 1526.217+/-0.709 χ^2/NDF : 608229.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.604+/-0.470 χ^2/NDF : 964932.9/13

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

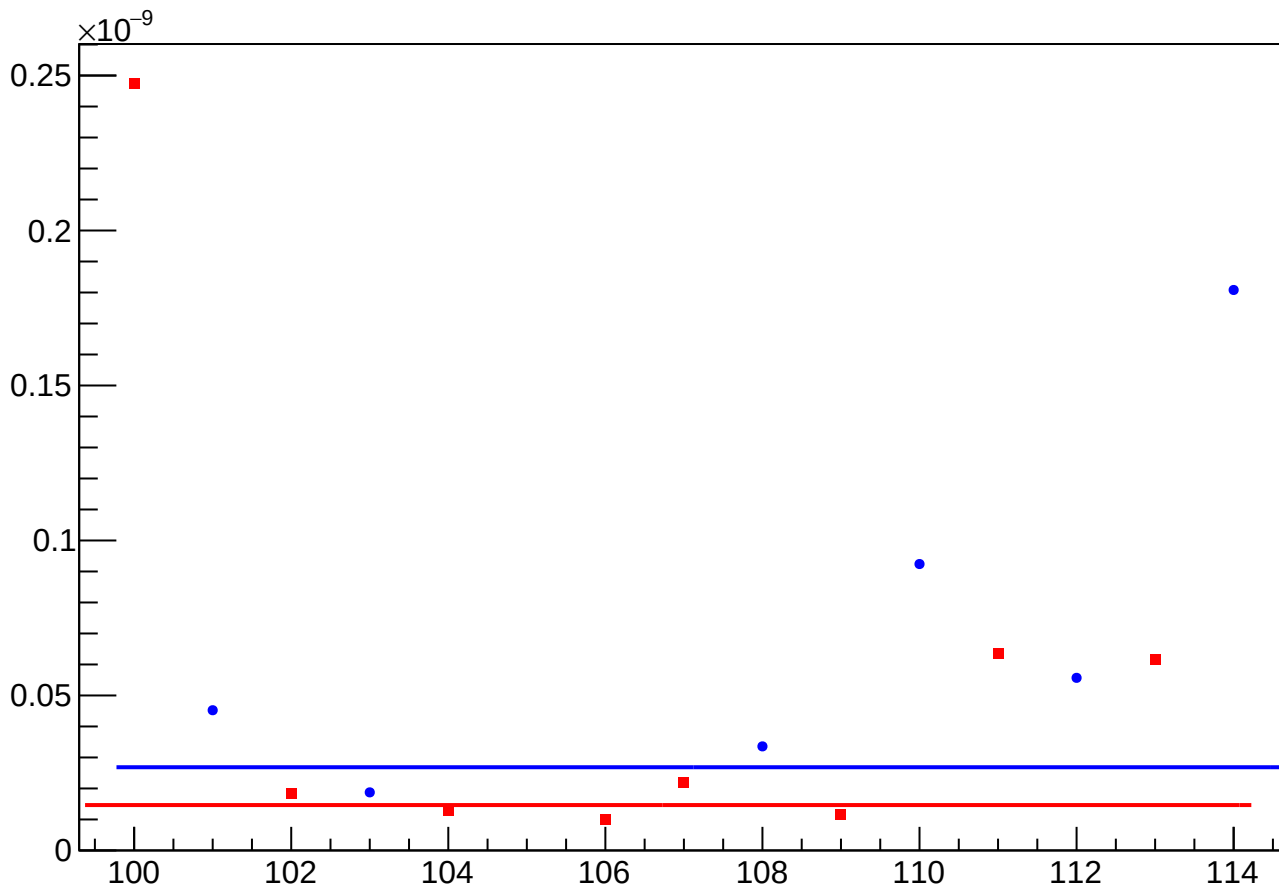
Right: 0.000+/-0.000 χ^2/NDF : 19.5/13

In: -0.000+/-0.000 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/13

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

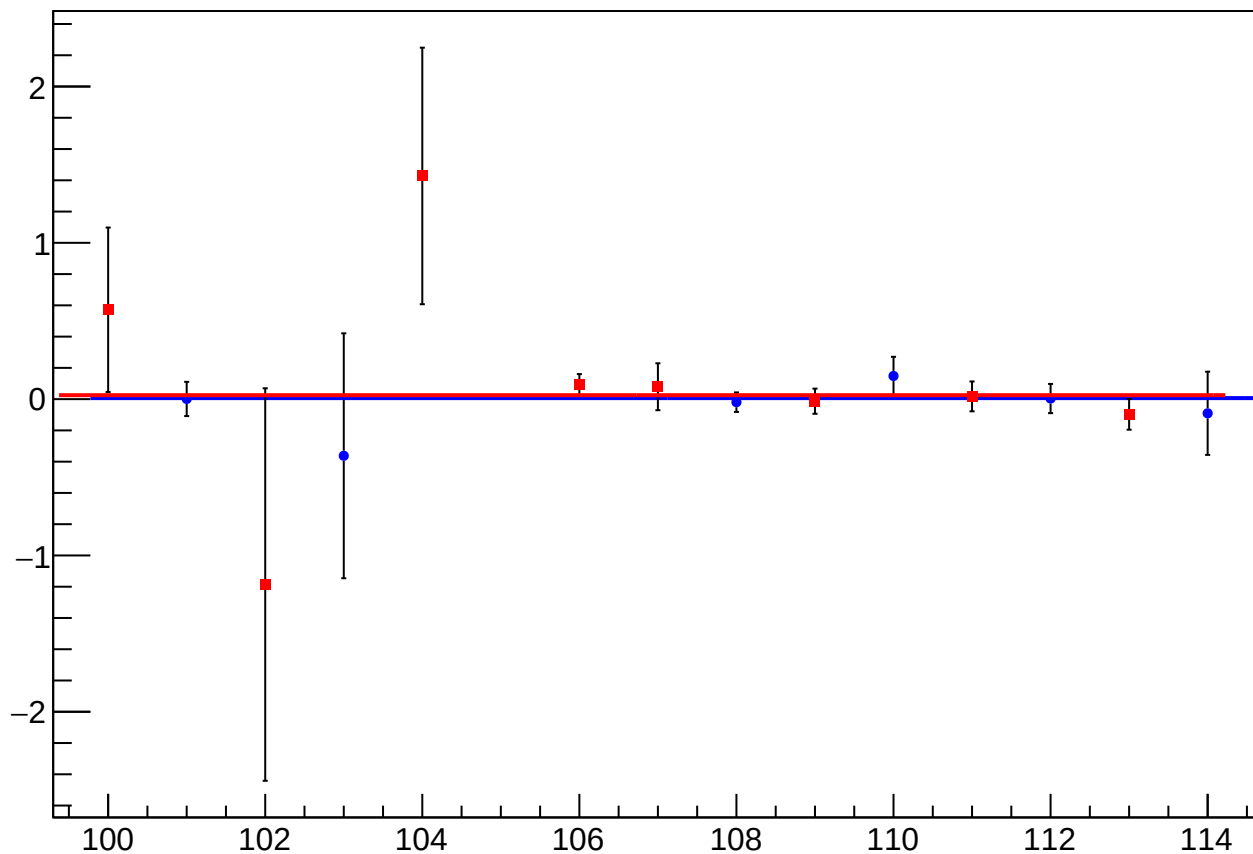
Right: 0.000+/-0.000 χ^2/NDF : 1667200.0/13

In: 0.000+/-0.000 χ^2/NDF : 626018.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1667200.0/13

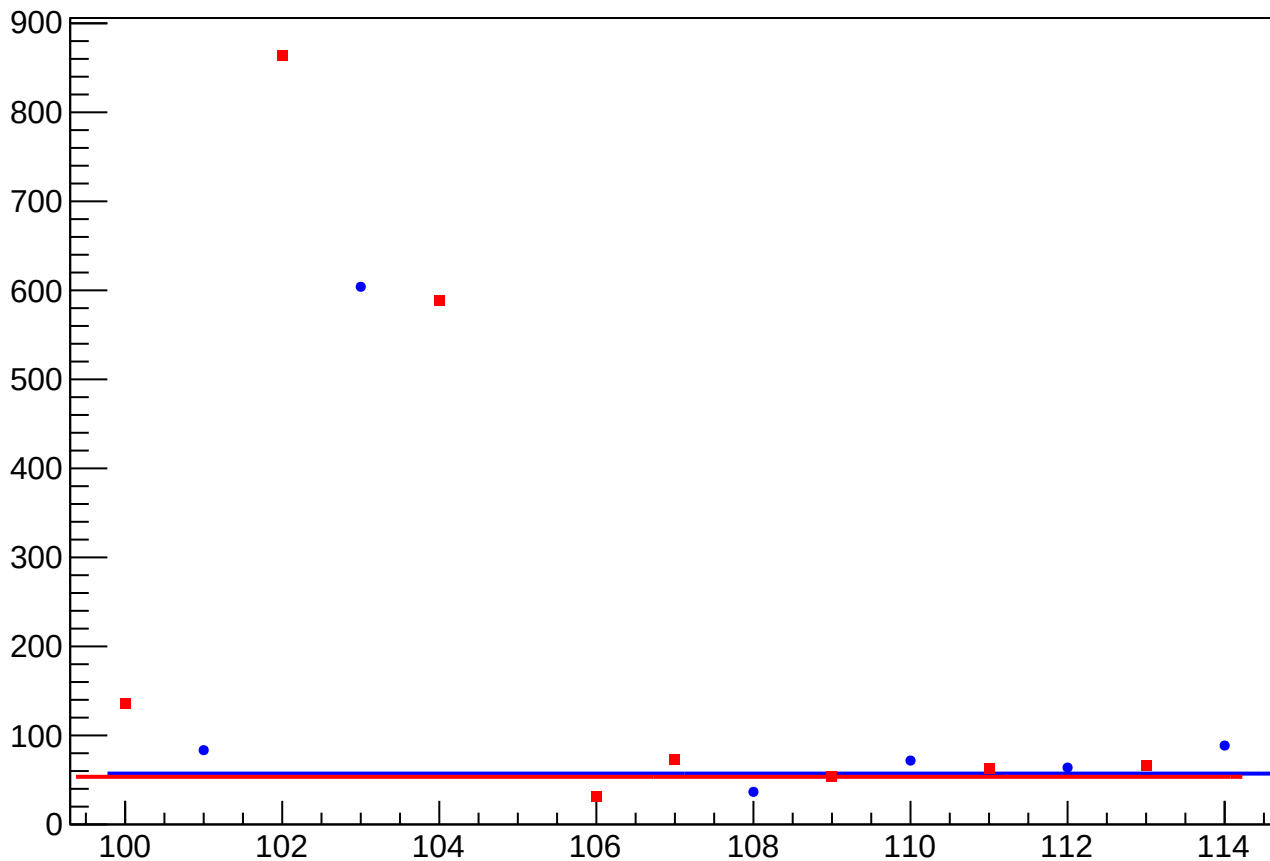
asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.043 χ^2/NDF : 1.9/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.025+/-0.040 χ^2/NDF : 7.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.017+/-0.029 χ^2/NDF : 9.7/13
 In: 0.007+/-0.043 χ^2/NDF : 1.9/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.017+/-0.029 χ^2/NDF : 9.7/13

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

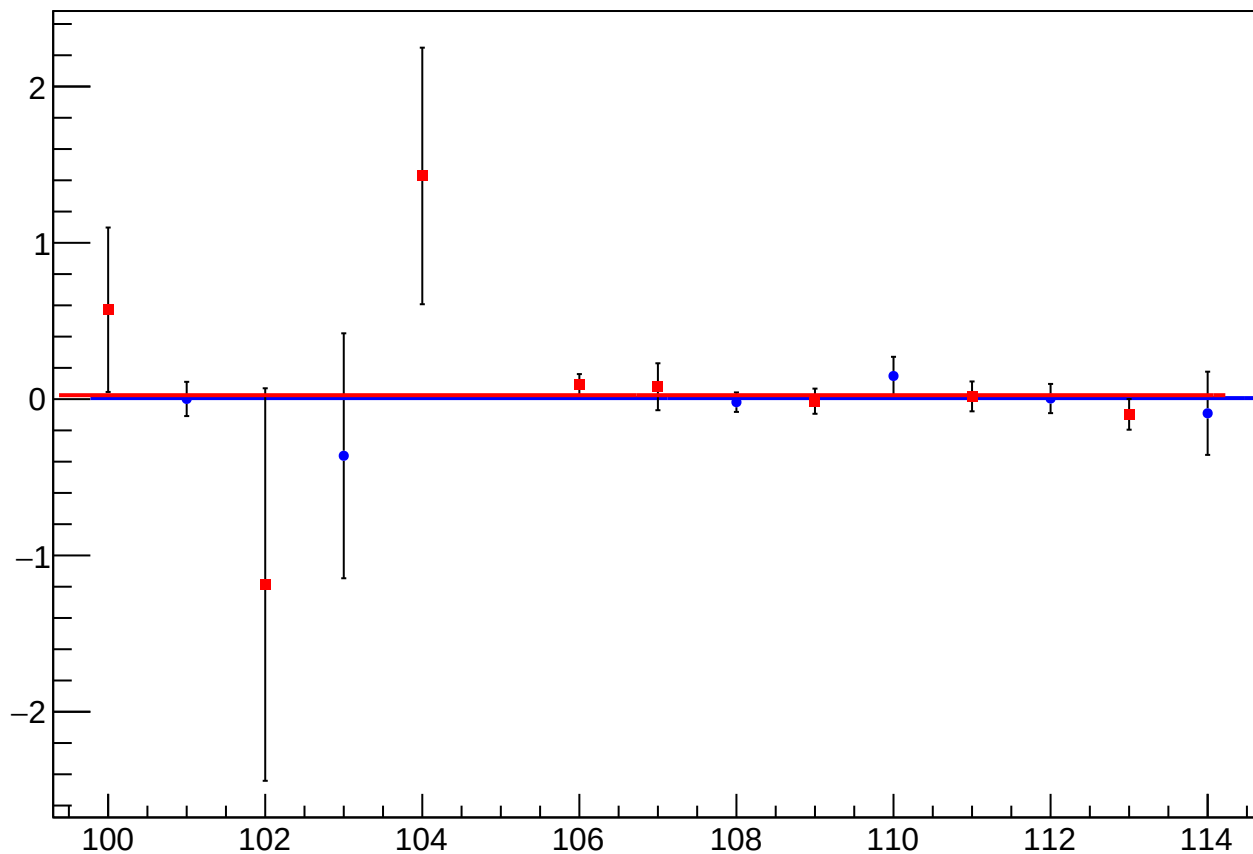
Right: 55.193+/-0.021 χ^2/NDF : 3408588.3/13

In: 57.130+/-0.031 χ^2/NDF : 1373759.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.193+/-0.021 χ^2/NDF : 3408588.3/13

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.043 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.040 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

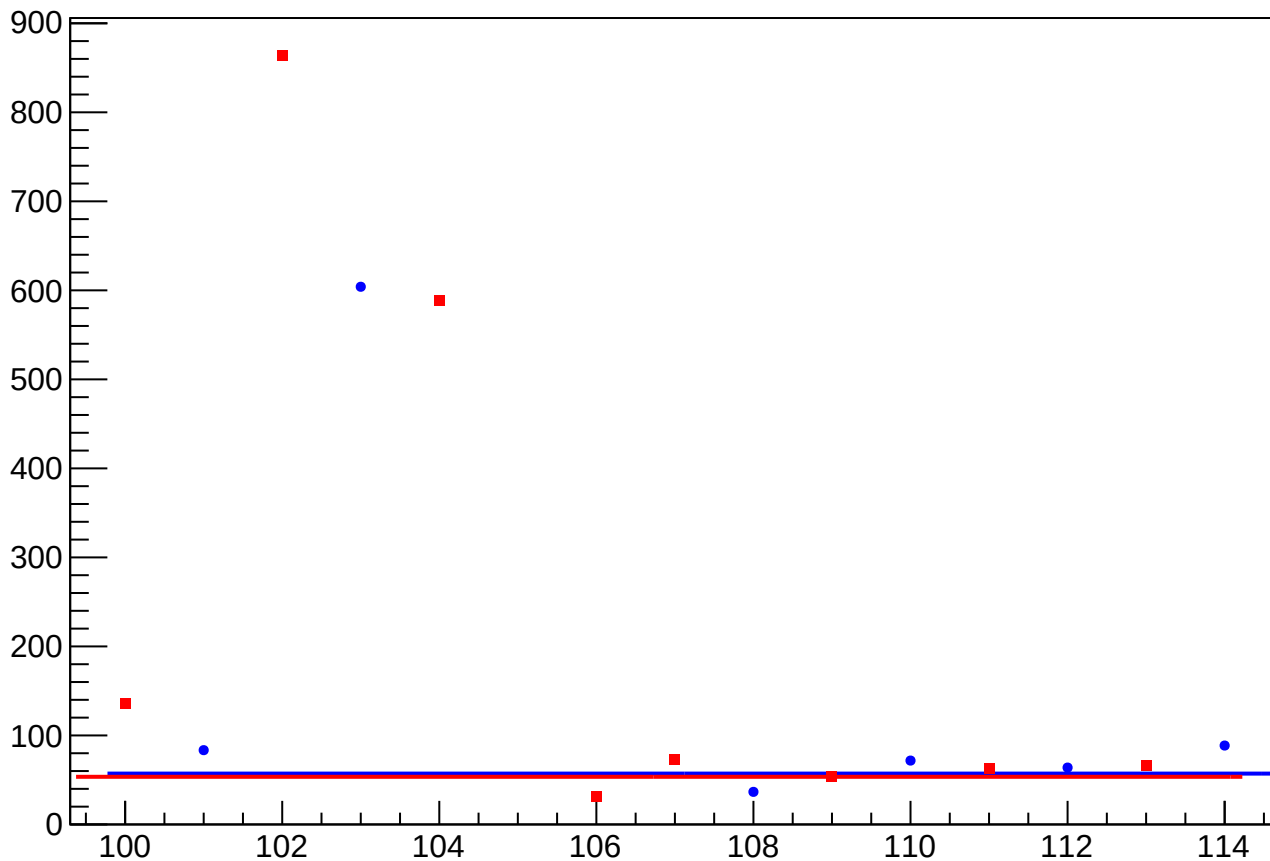
Right: 0.017+/-0.029 χ^2/NDF : 9.7/13

In: 0.007+/-0.043 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.029 χ^2/NDF : 9.7/13

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

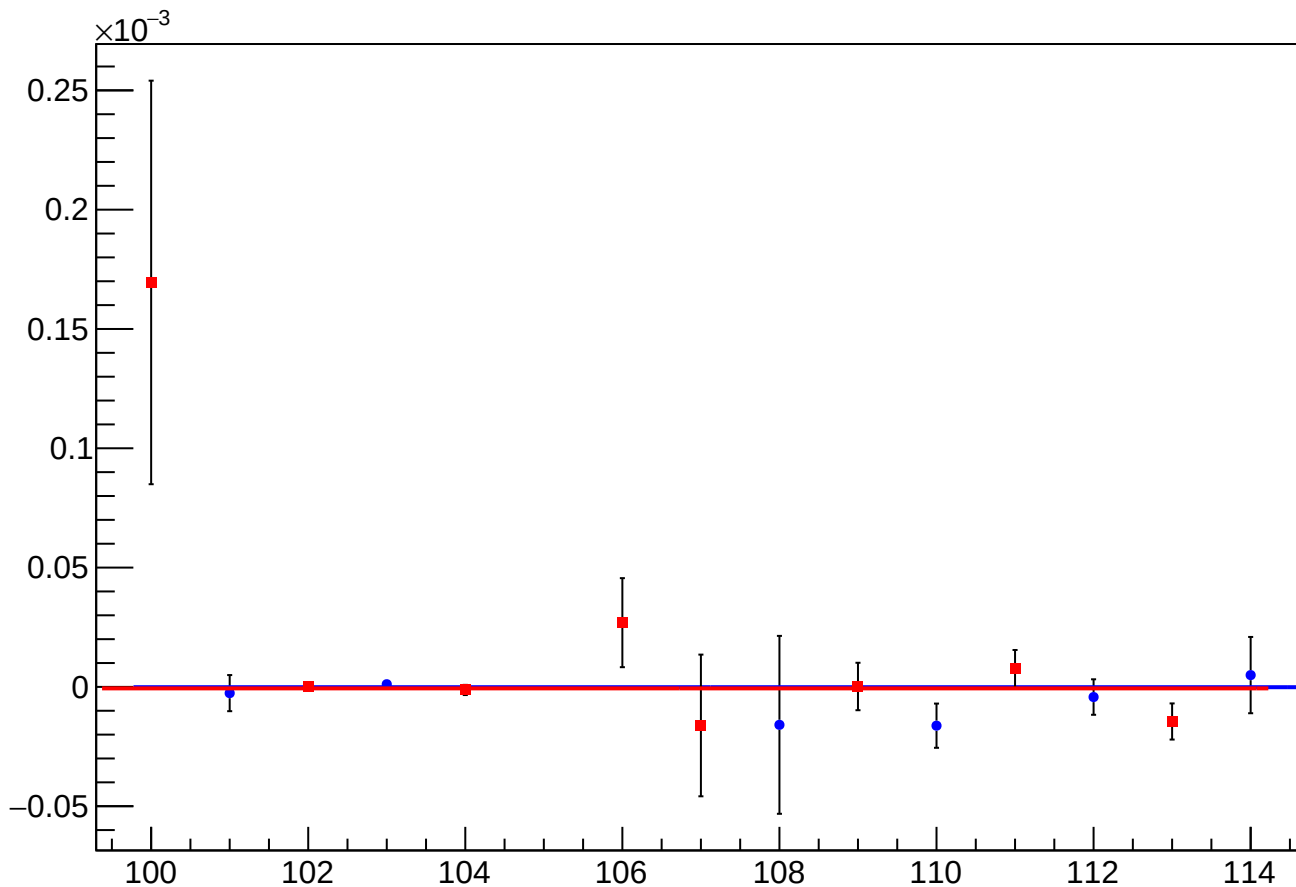
Right: 55.193+/-0.021 χ^2/NDF : 3408588.3/13

In: 57.130+/-0.031 χ^2/NDF : 1373759.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.193+/-0.021 χ^2/NDF : 3408588.3/13

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

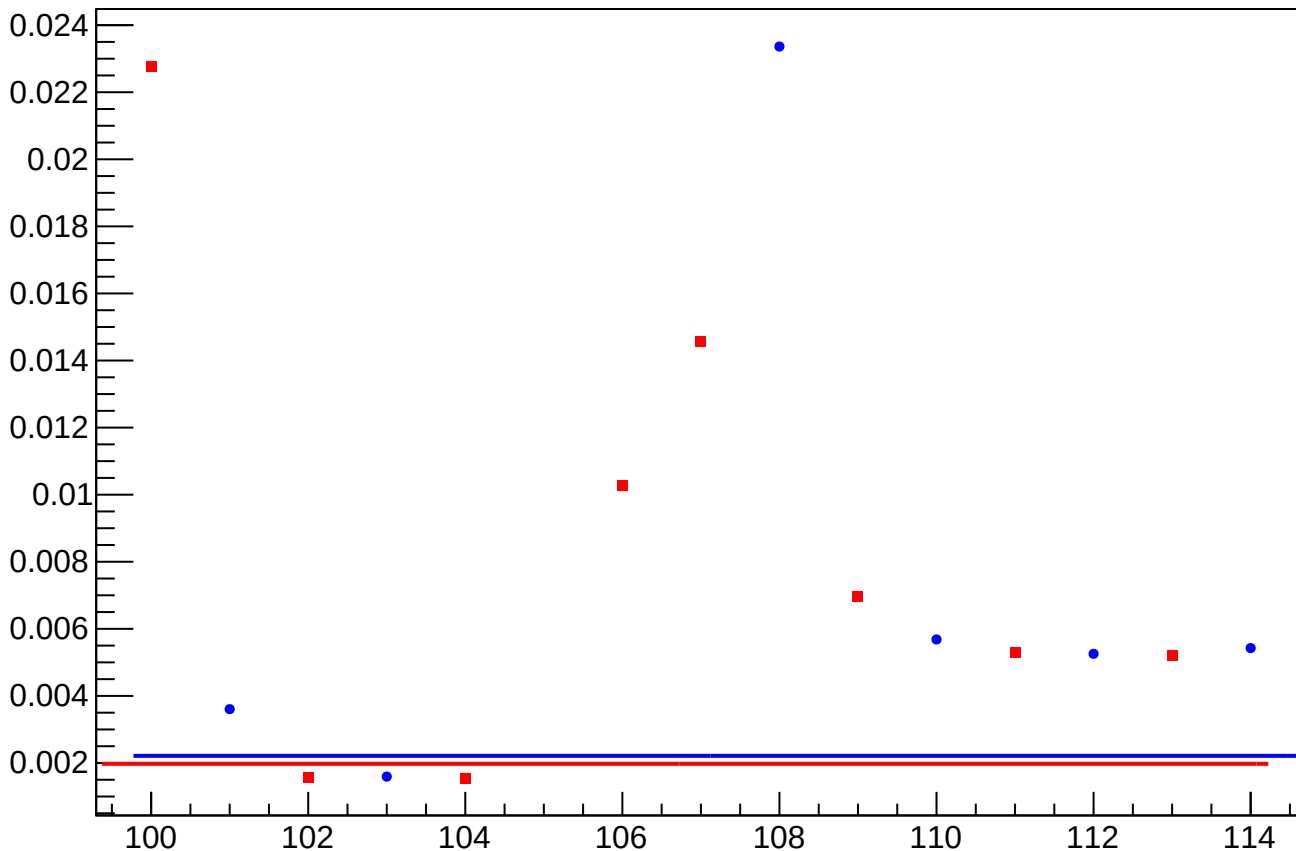
Right: -0.000+/-0.000 χ^2/NDF : 15.3/13

In: -0.000+/-0.000 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/13

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

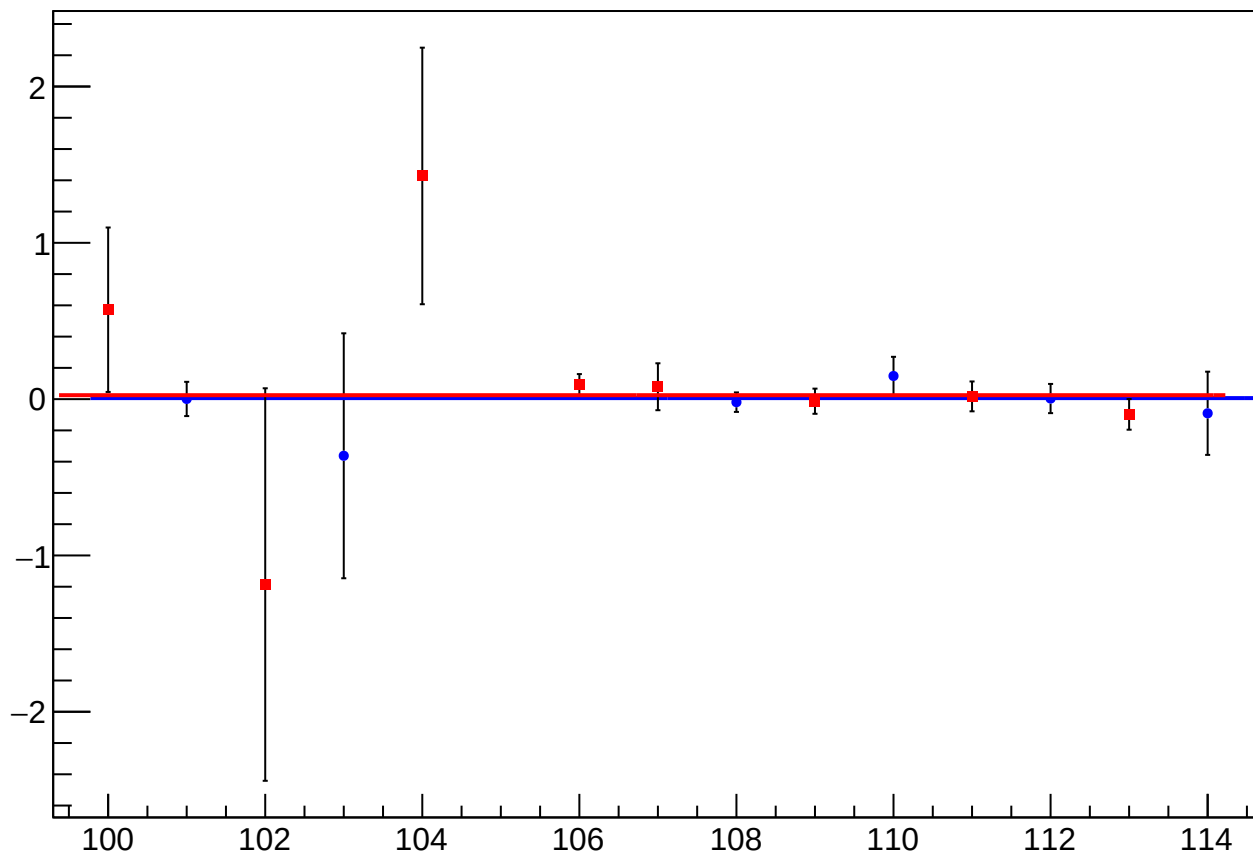
Right: 0.002+/-0.000 χ^2/NDF : 3877896.7/13

In: 0.002+/-0.000 χ^2/NDF : 1589822.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3877896.7/13

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.043 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.040 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

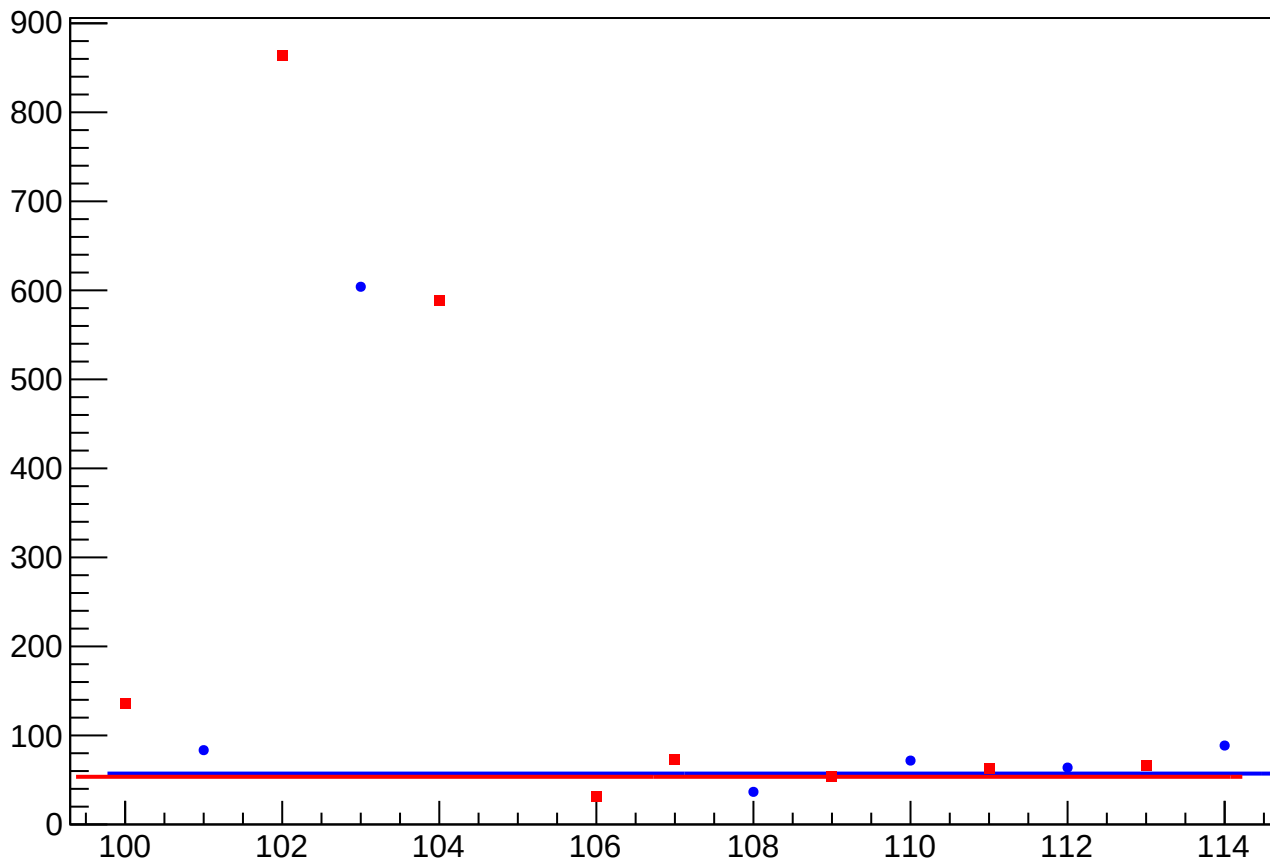
Right: 0.017+/-0.029 χ^2/NDF : 9.7/13

In: 0.007+/-0.043 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.029 χ^2/NDF : 9.7/13

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

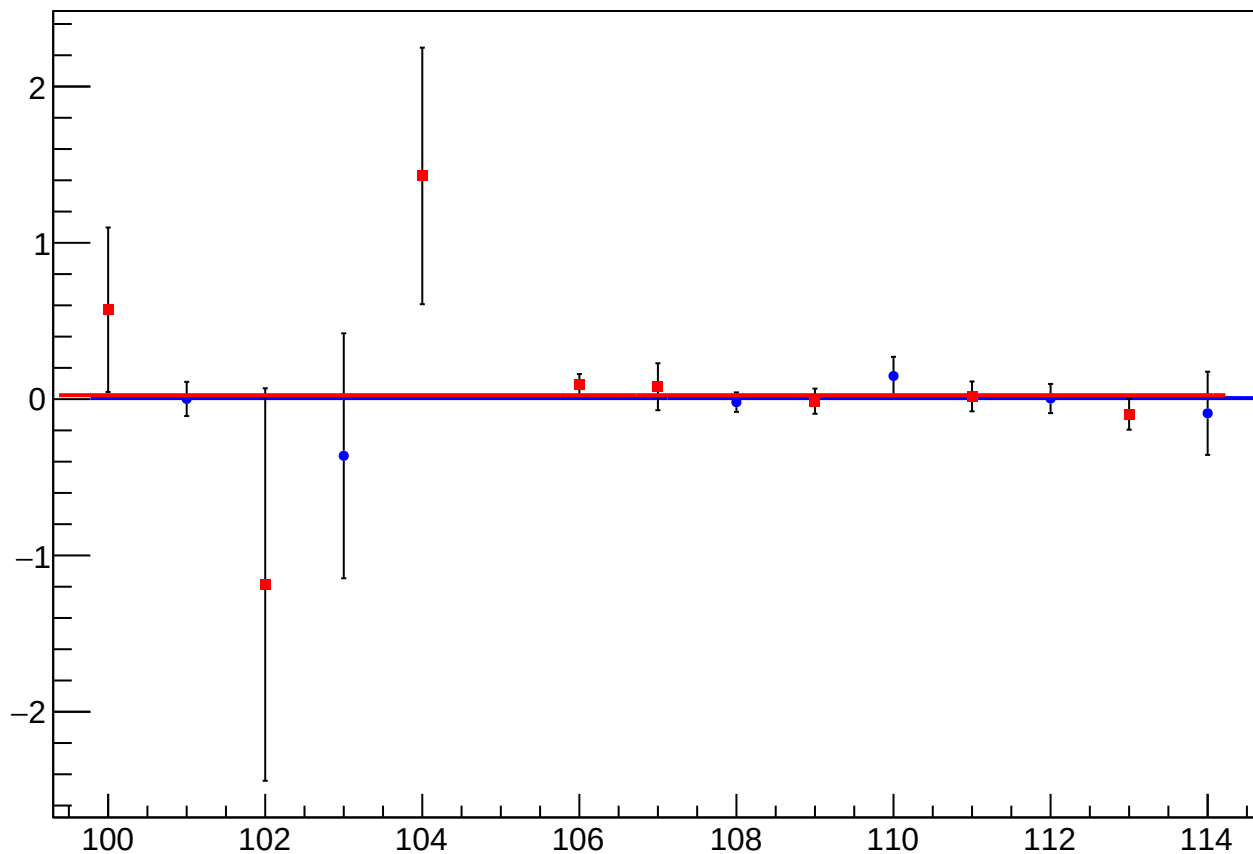
Right: 55.201+/-0.021 χ^2/NDF : 3408019.7/13

In: 57.144+/-0.031 χ^2/NDF :1373317.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.201+/-0.021 χ^2/NDF : 3408019.7/13

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.043 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.040 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

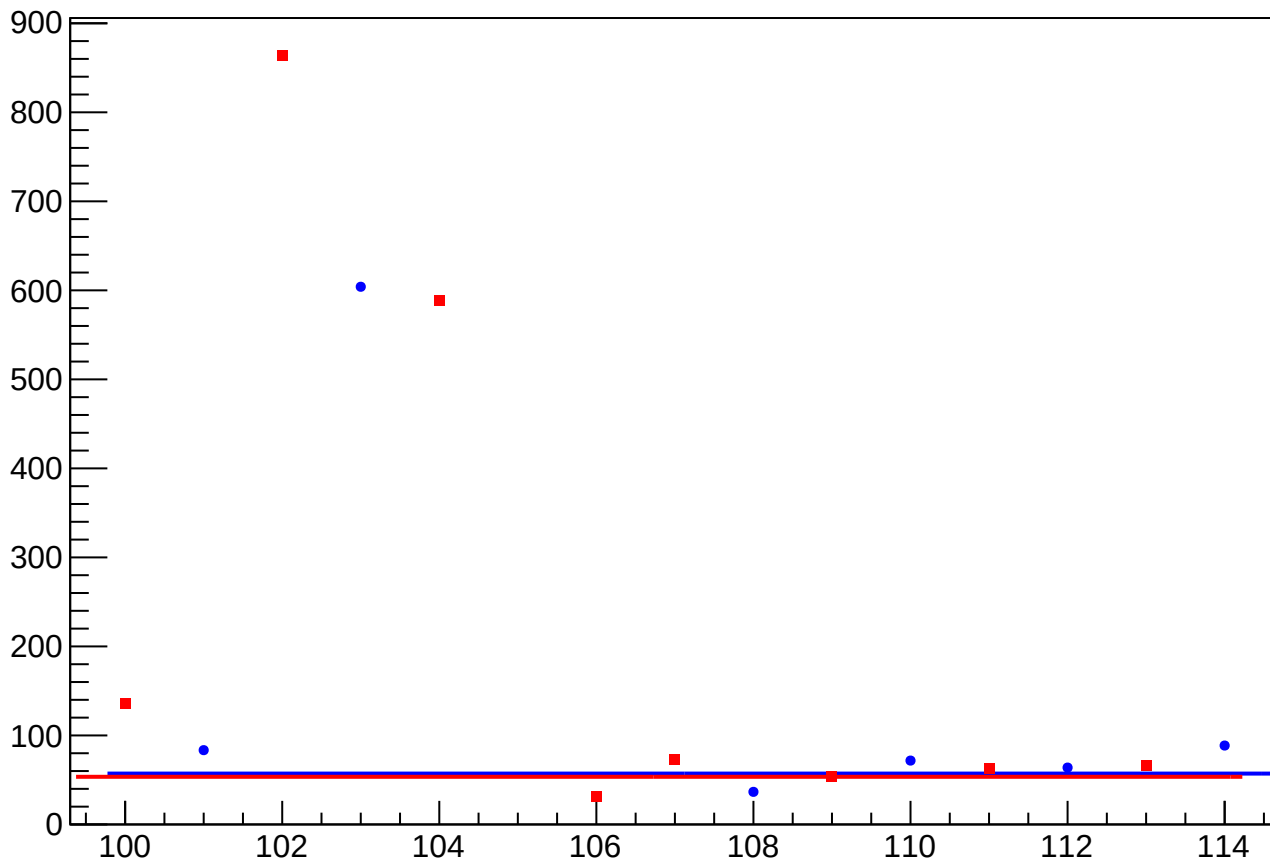
Right: 0.017+/-0.029 χ^2/NDF : 9.7/13

In: 0.007+/-0.043 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.029 χ^2/NDF : 9.7/13

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

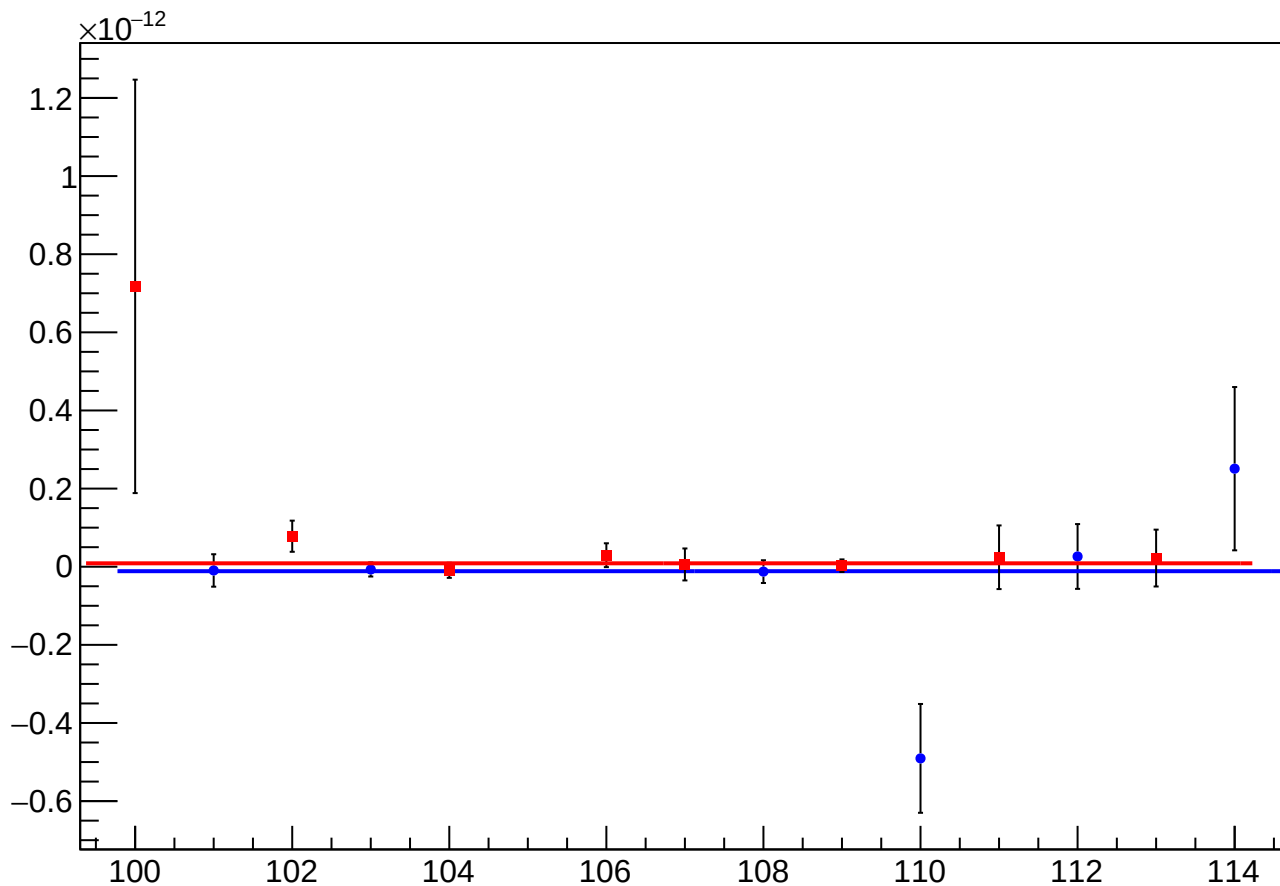
Right: 55.201+/-0.021 χ^2/NDF : 3408019.7/13

In: 57.144+/-0.031 χ^2/NDF : 1373317.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.201+/-0.021 χ^2/NDF : 3408019.7/13

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

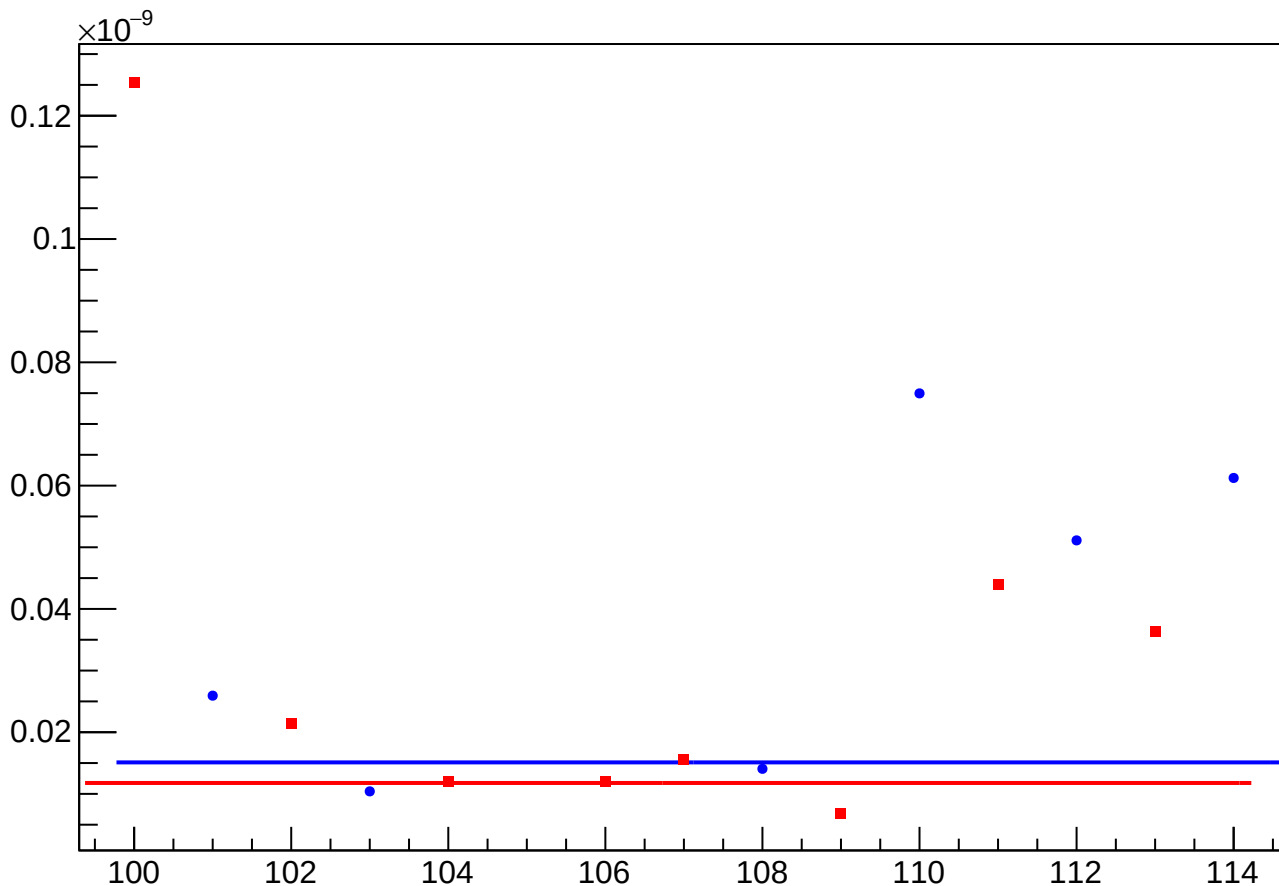
Right: 0.000+/-0.000 χ^2/NDF : 21.4/13

In: -0.000+/-0.000 χ^2/NDF : 13.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.4/13

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1117910.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 958848.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

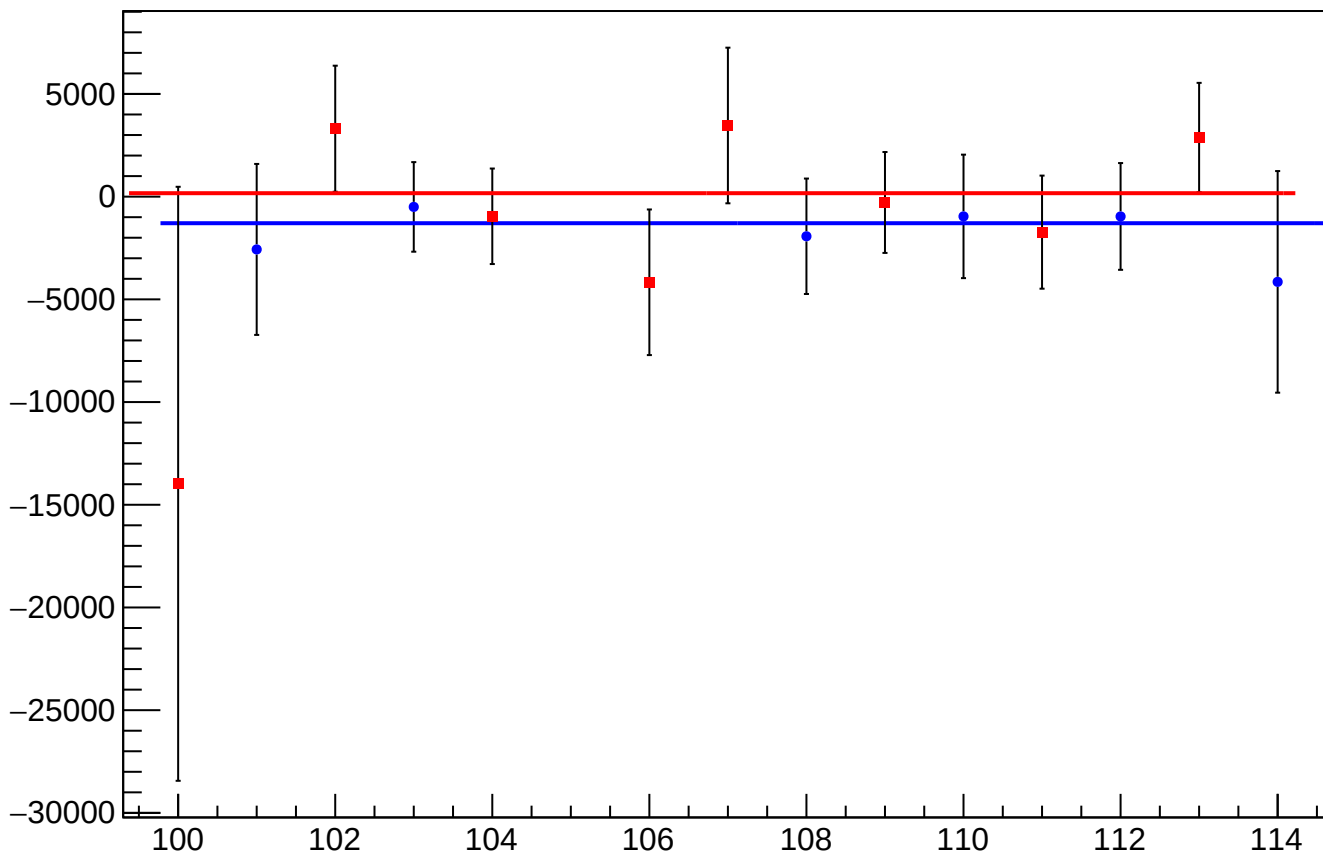
Right: 0.000+/-0.000 χ^2/NDF : 2149316.9/13

In: 0.000+/-0.000 χ^2/NDF : 1117910.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2149316.9/13

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

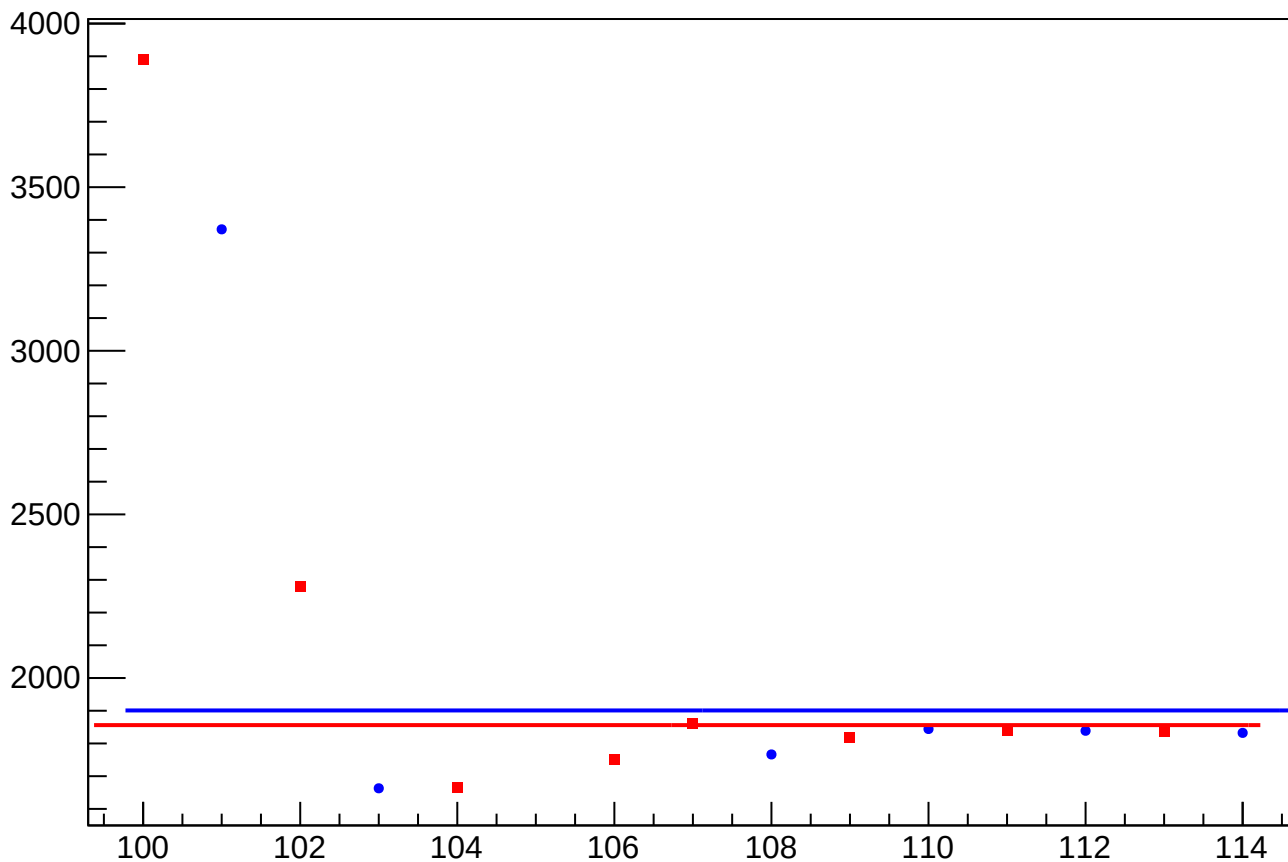
Right: -471.145+/-797.540 χ^2/NDF : 7.5/13

In: -1293.129+/-1205.775 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.145+/-797.540 χ^2/NDF : 7.5/13

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

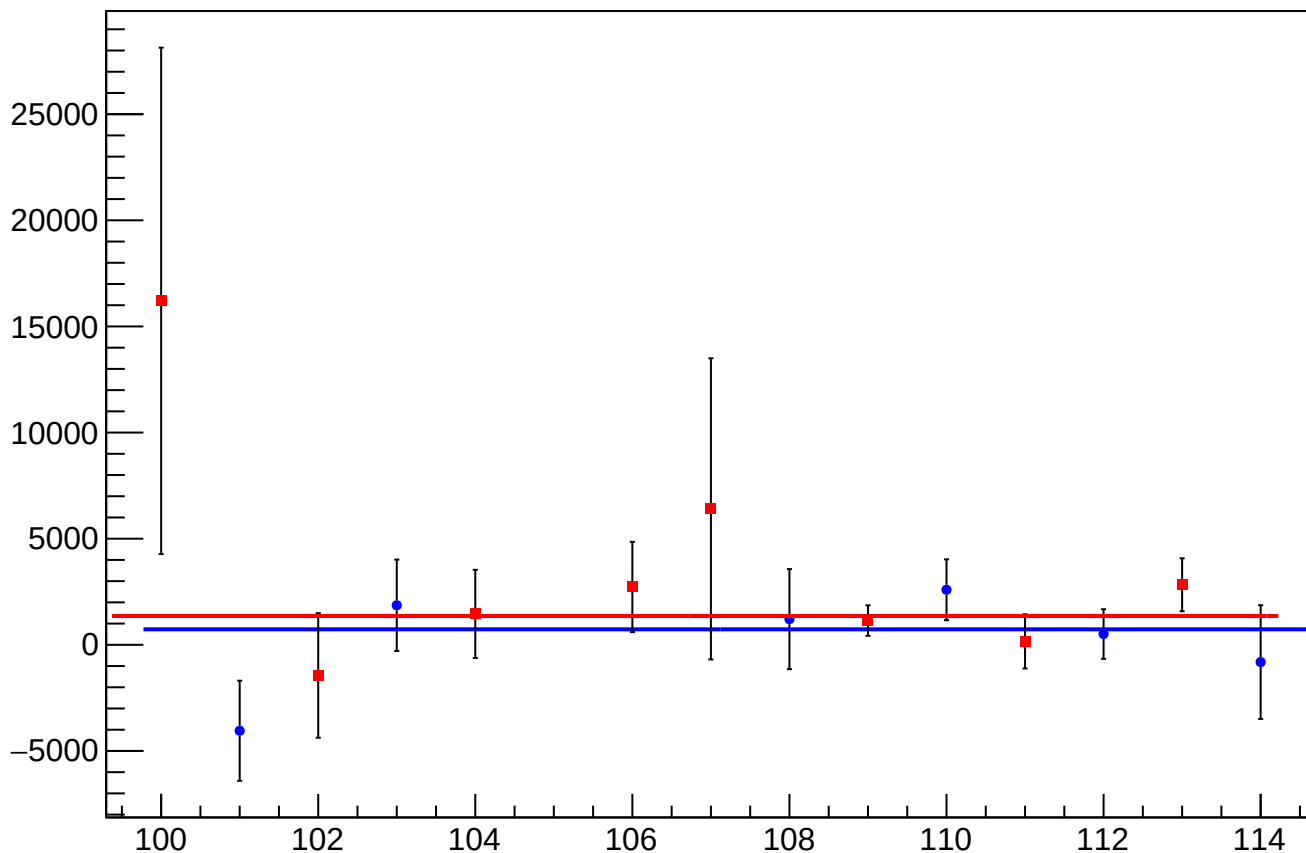
Right: 1875.685+/-0.564 χ^2/NDF : 375403.3/13

In: 1900.891+/-0.853 χ^2/NDF : 280160.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.685+/-0.564 χ^2/NDF : 375403.3/13

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

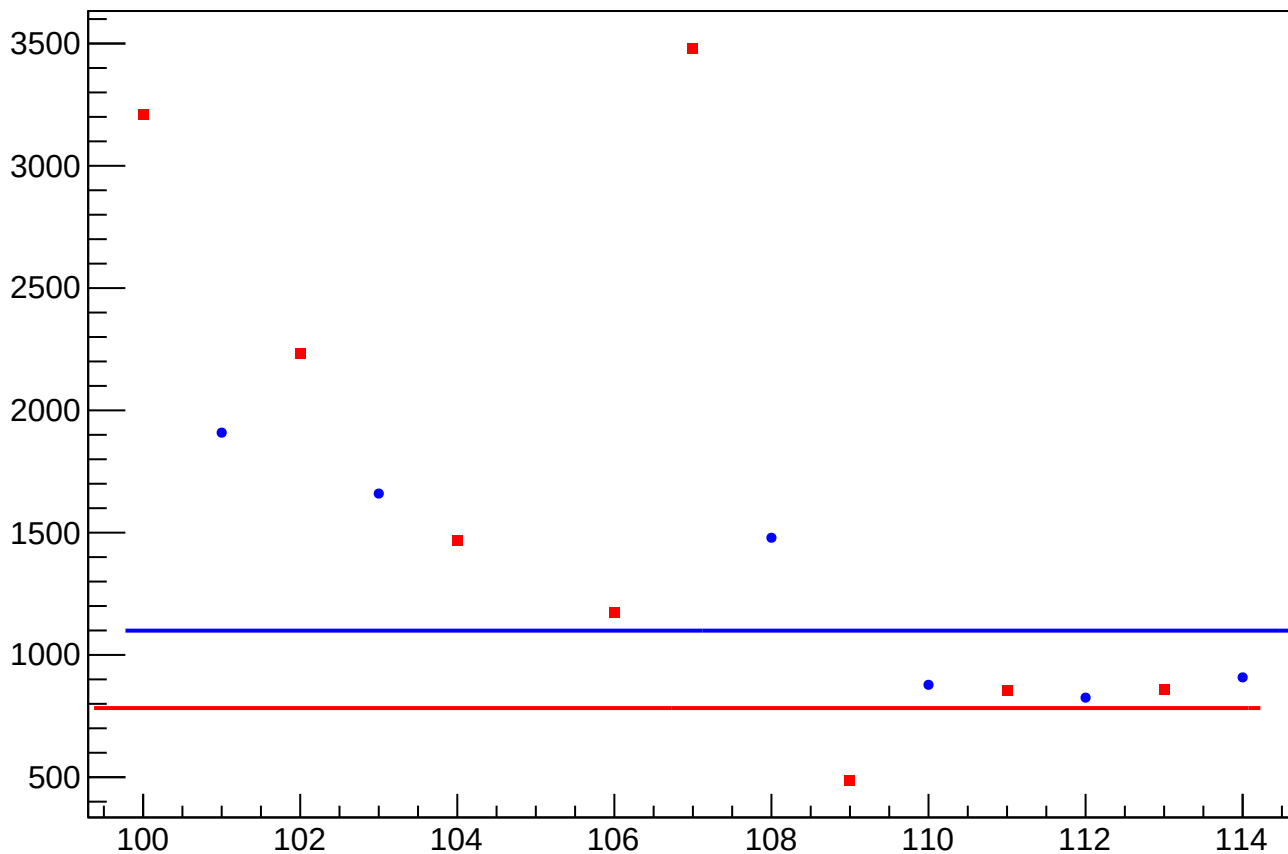
Right: 1145.831+/-417.954 χ^2/NDF : 12.7/13

In: 729.840+/-719.370 χ^2/NDF : 6.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1145.831+/-417.954 χ^2/NDF : 12.7/13

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1099.347+/-0.509 χ^2/NDF : 590806.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 782.742+/-0.363 χ^2/NDF : 1500447.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

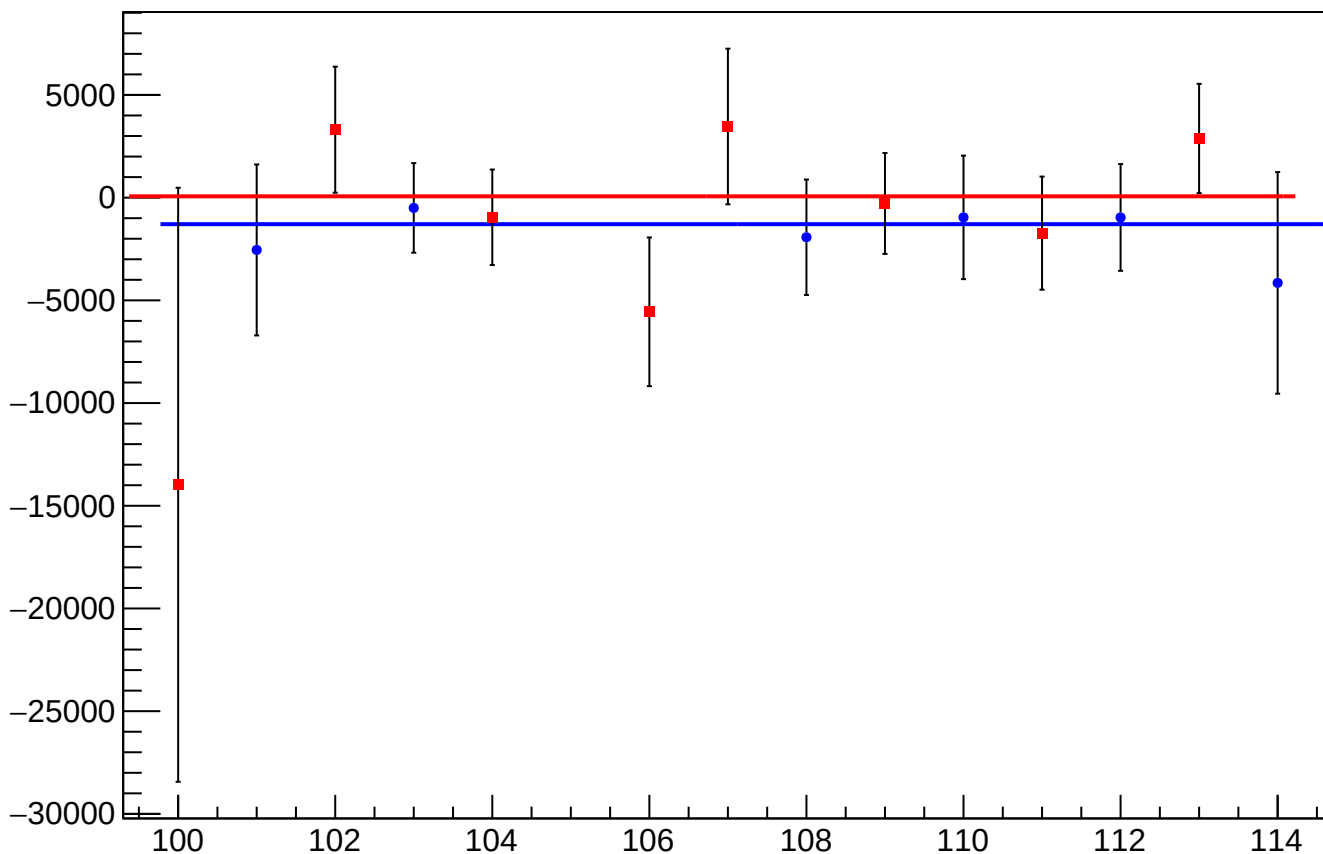
Right: 889.616+/-0.296 χ^2/NDF : 2347883.5/13

In: 1099.347+/-0.509 χ^2/NDF : 590806.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.616+/-0.296 χ^2/NDF : 2347883.5/13

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

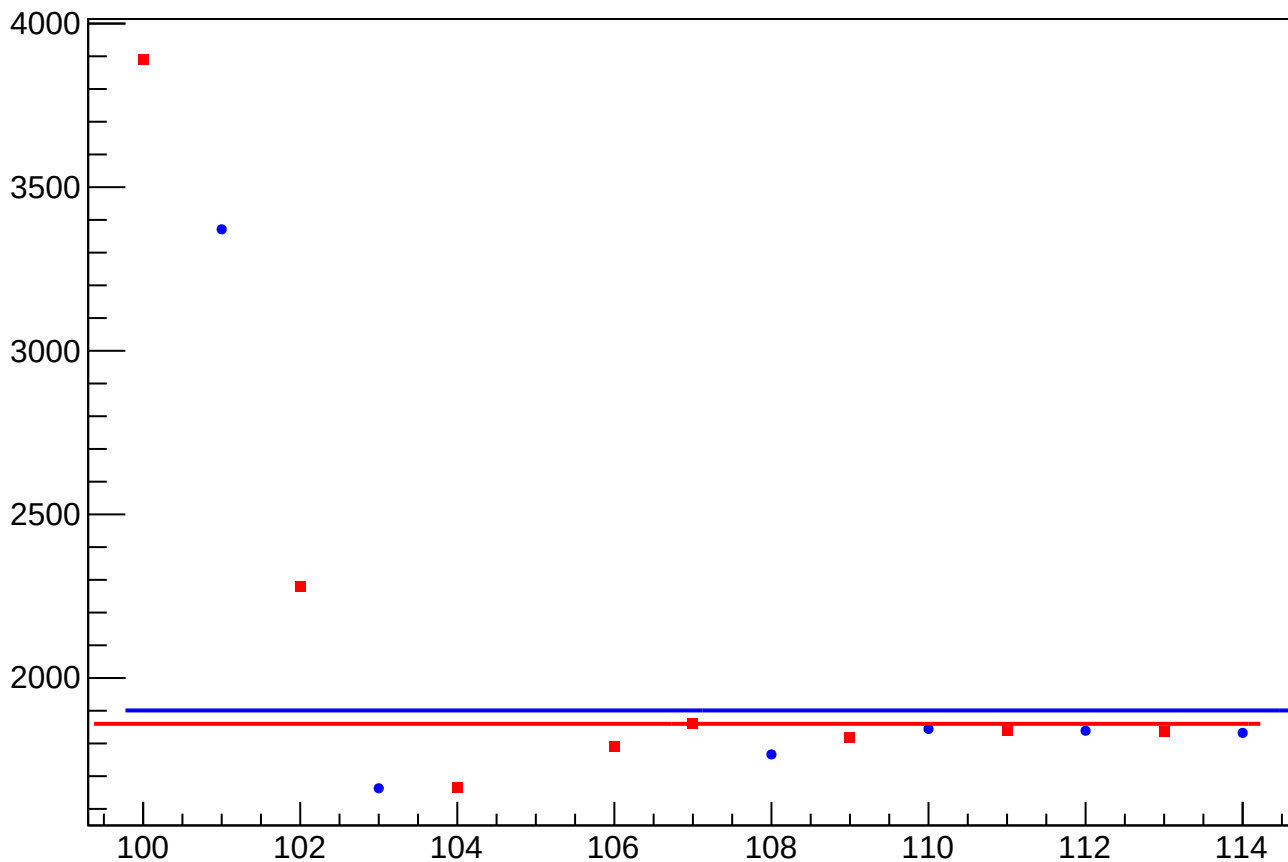
Right: -530.230+/-798.366 χ^2 /NDF: 8.3/13

In: -1291.097+/-1205.776 χ^2 /NDF: 0.6/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -530.230+/-798.366 χ^2 /NDF: 8.3/13

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

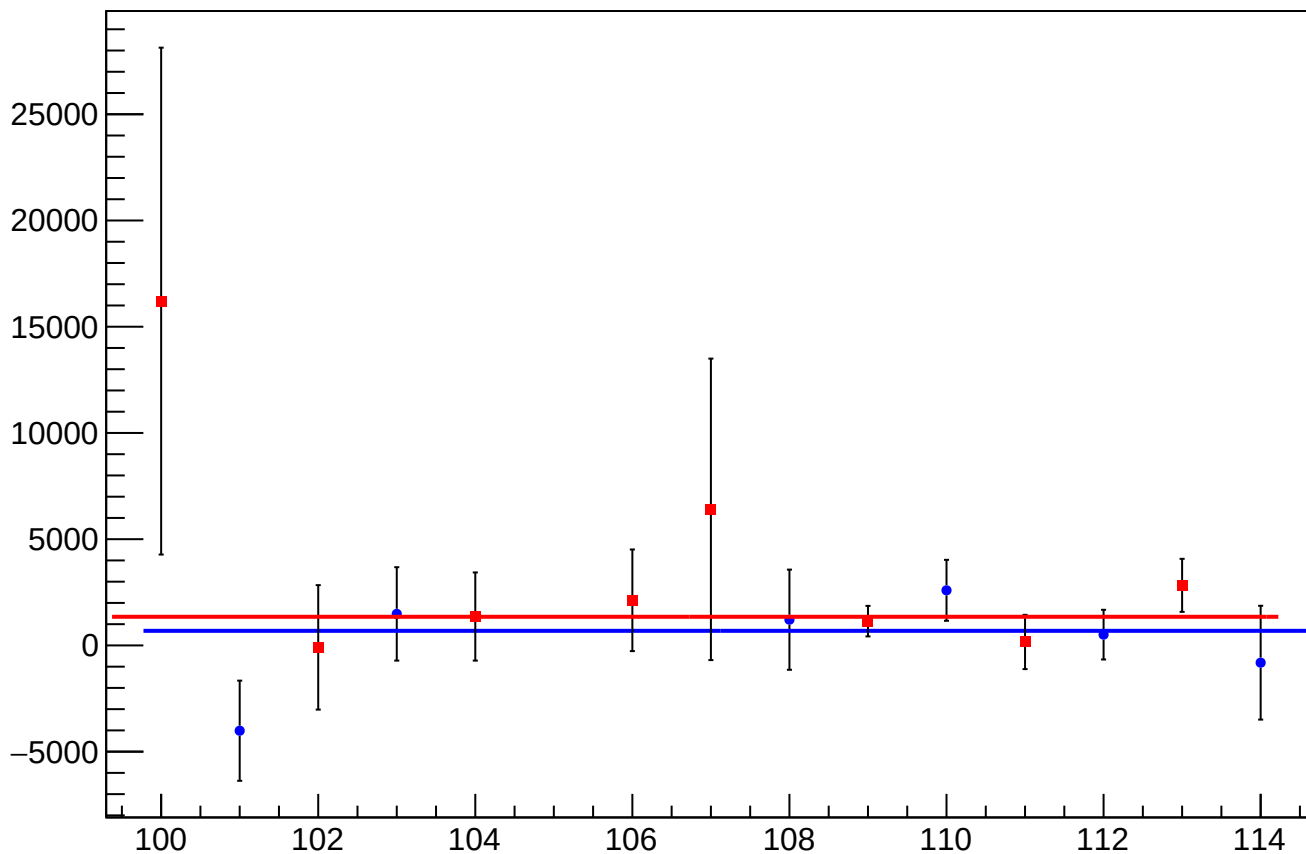
Right: 1877.933+/-0.565 χ^2/NDF : 373981.5/13

In: 1900.890+/-0.853 χ^2/NDF : 280162.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.933+/-0.565 χ^2/NDF : 373981.5/13

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

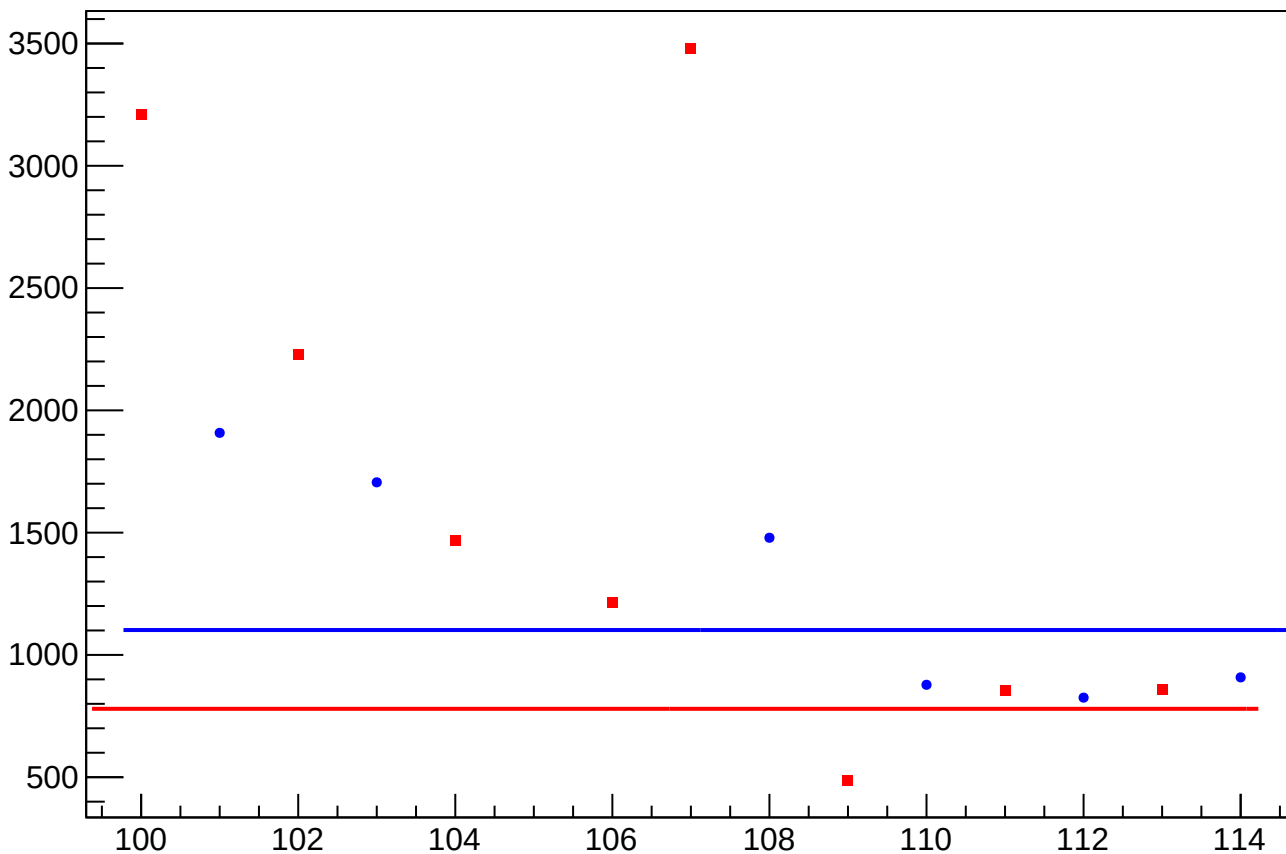
Right: 1123.512+/-419.937 χ^2/NDF : 11.6/13

In: 686.595+/-720.953 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.512+/-419.937 χ^2/NDF : 11.6/13

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1101.742+/-0.510 χ^2/NDF : 607201.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 779.709+/-0.365 χ^2/NDF : 1495962.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

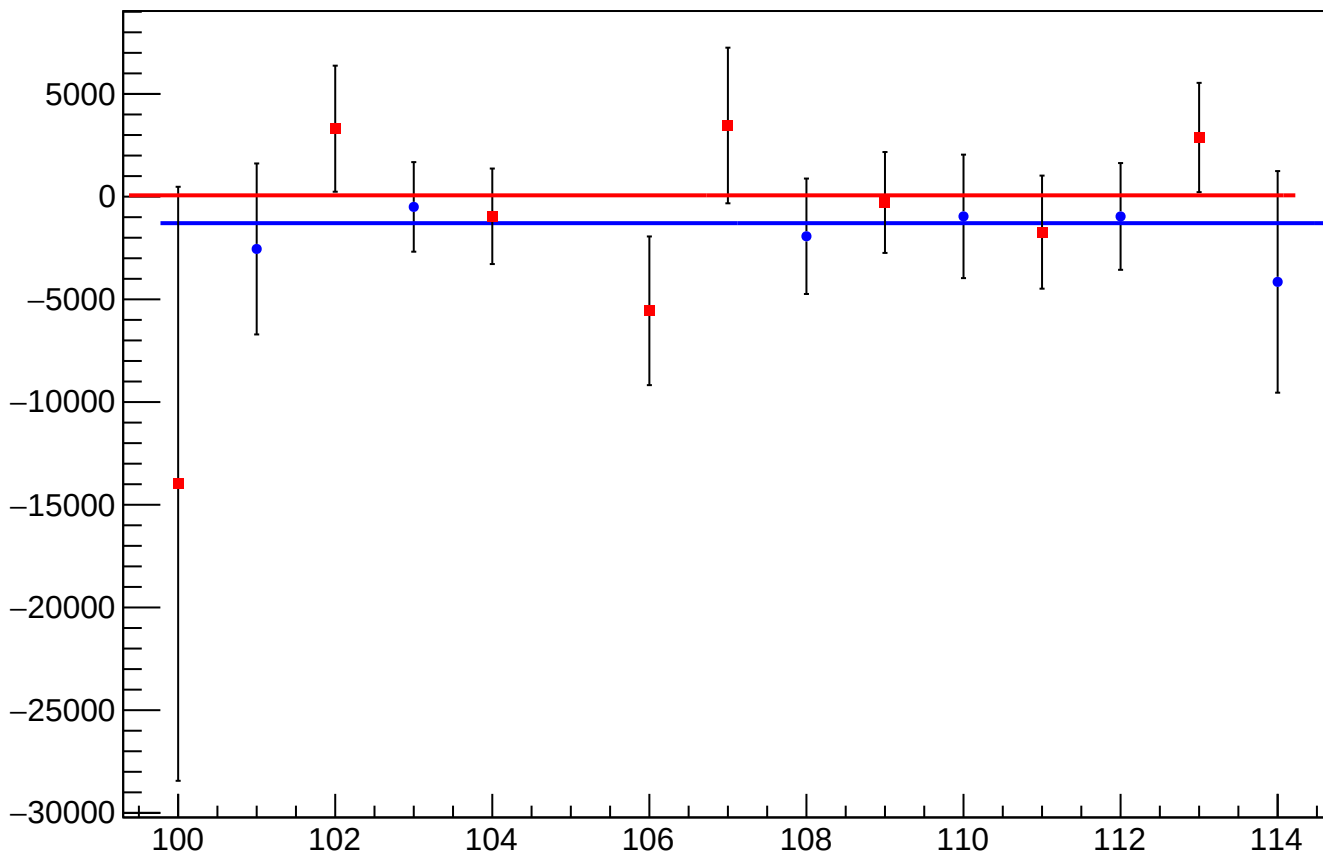
Right: 888.968+/-0.297 χ^2/NDF : 2366819.6/13

In: 1101.742+/-0.510 χ^2/NDF : 607201.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.968+/-0.297 χ^2/NDF : 2366819.6/13

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

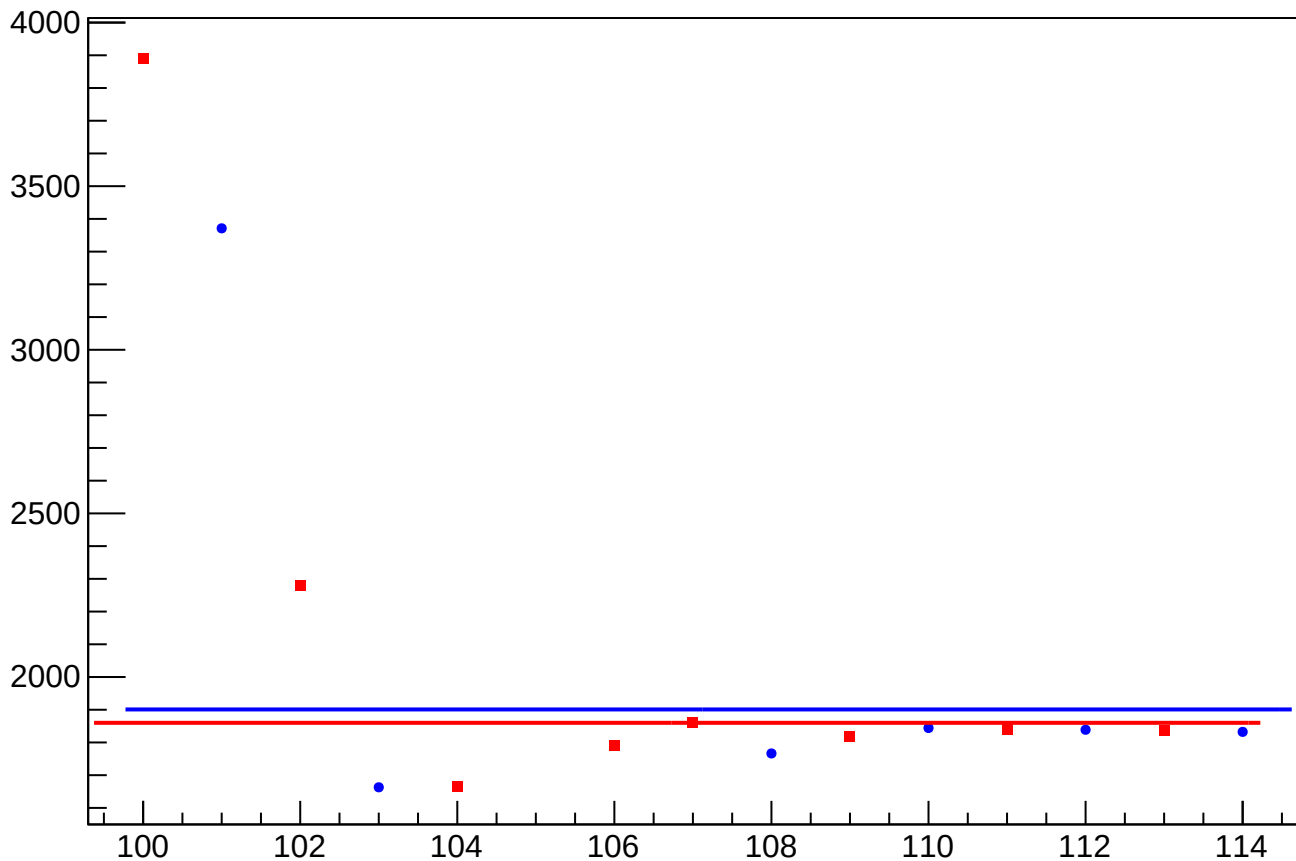
Right: -530.230+/-798.366 χ^2/NDF : 8.3/13

In: -1291.097+/-1205.776 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -530.230+/-798.366 χ^2/NDF : 8.3/13

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

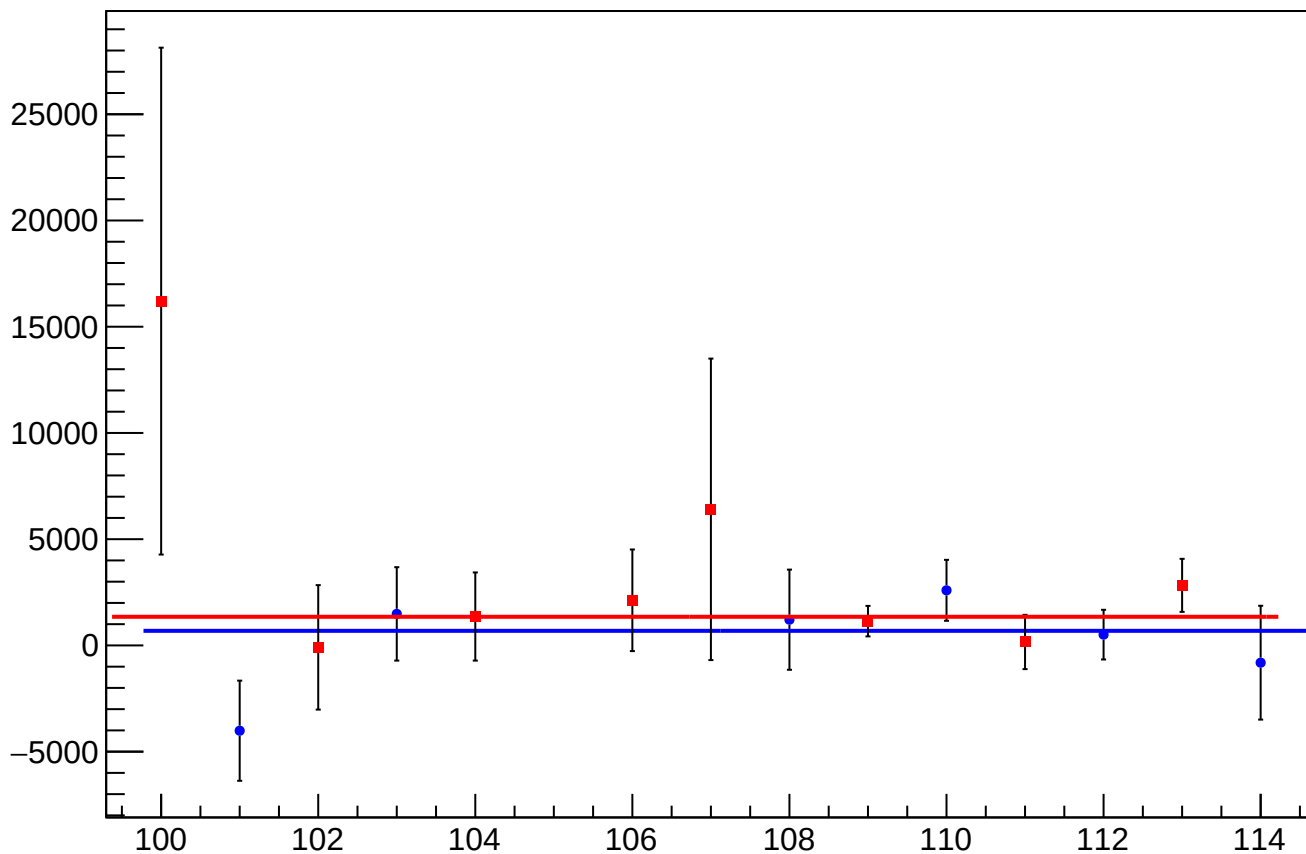
Right: 1877.933+/-0.565 χ^2/NDF : 373981.5/13

In: 1900.890+/-0.853 χ^2/NDF : 280162.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.933+/-0.565 χ^2/NDF : 373981.5/13

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

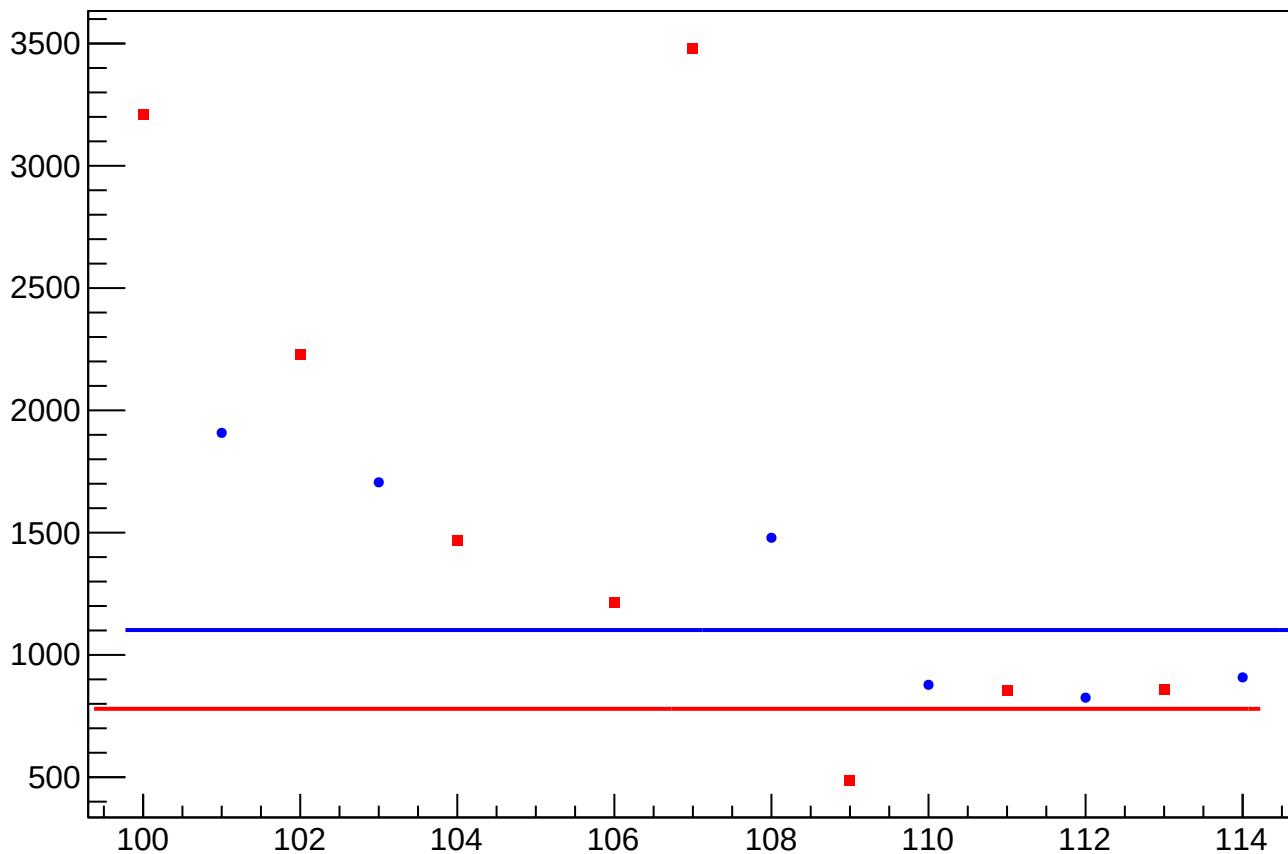
Right: 1123.512+/-419.937 χ^2/NDF : 11.6/13

In: 686.595+/-720.953 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.512+/-419.937 χ^2/NDF : 11.6/13

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1101.742+/-0.510 χ^2/NDF : 607201.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 779.709+/-0.365 χ^2/NDF : 1495962.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

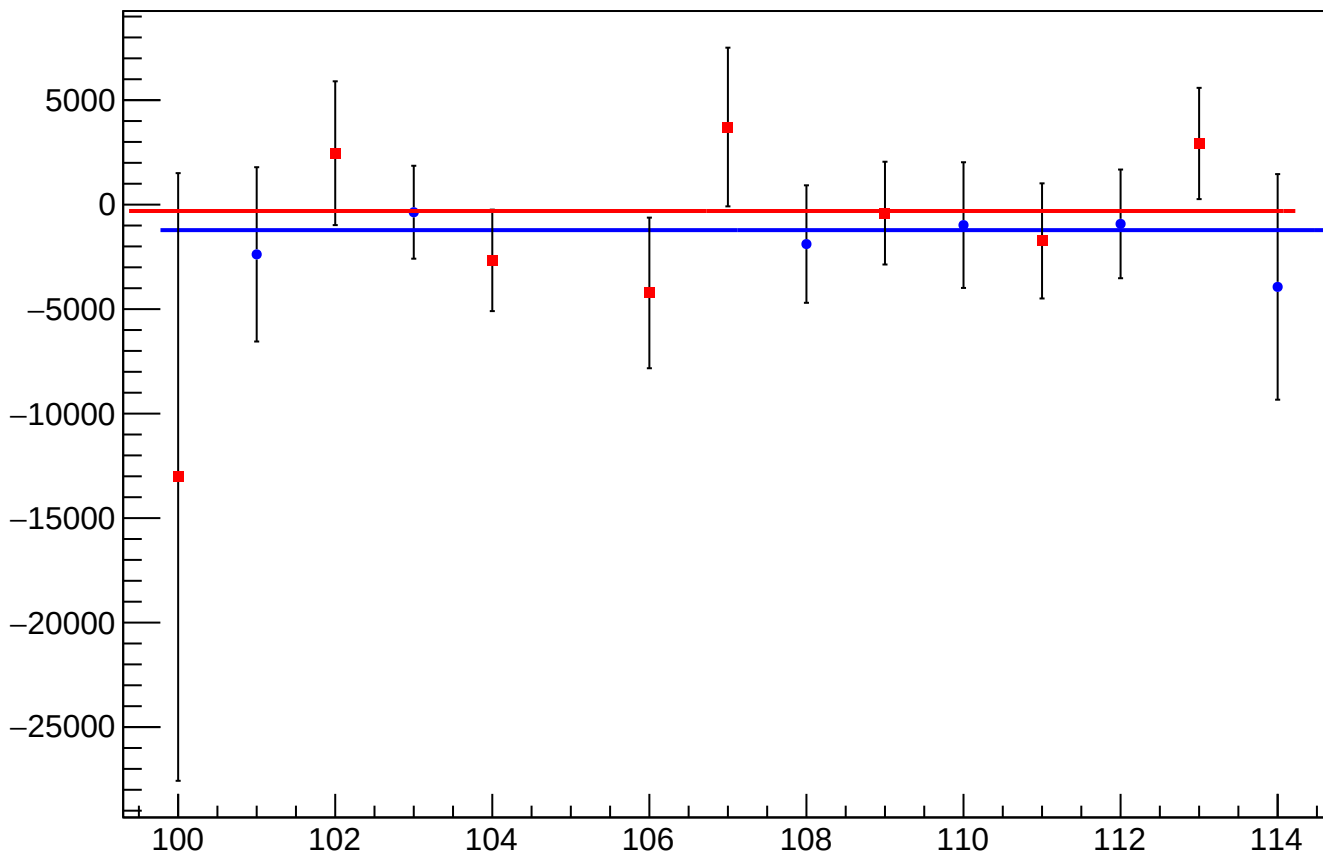
Right: 888.968+/-0.297 χ^2/NDF : 2366819.6/13

In: 1101.742+/-0.510 χ^2/NDF : 607201.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.968+/-0.297 χ^2/NDF : 2366819.6/13

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

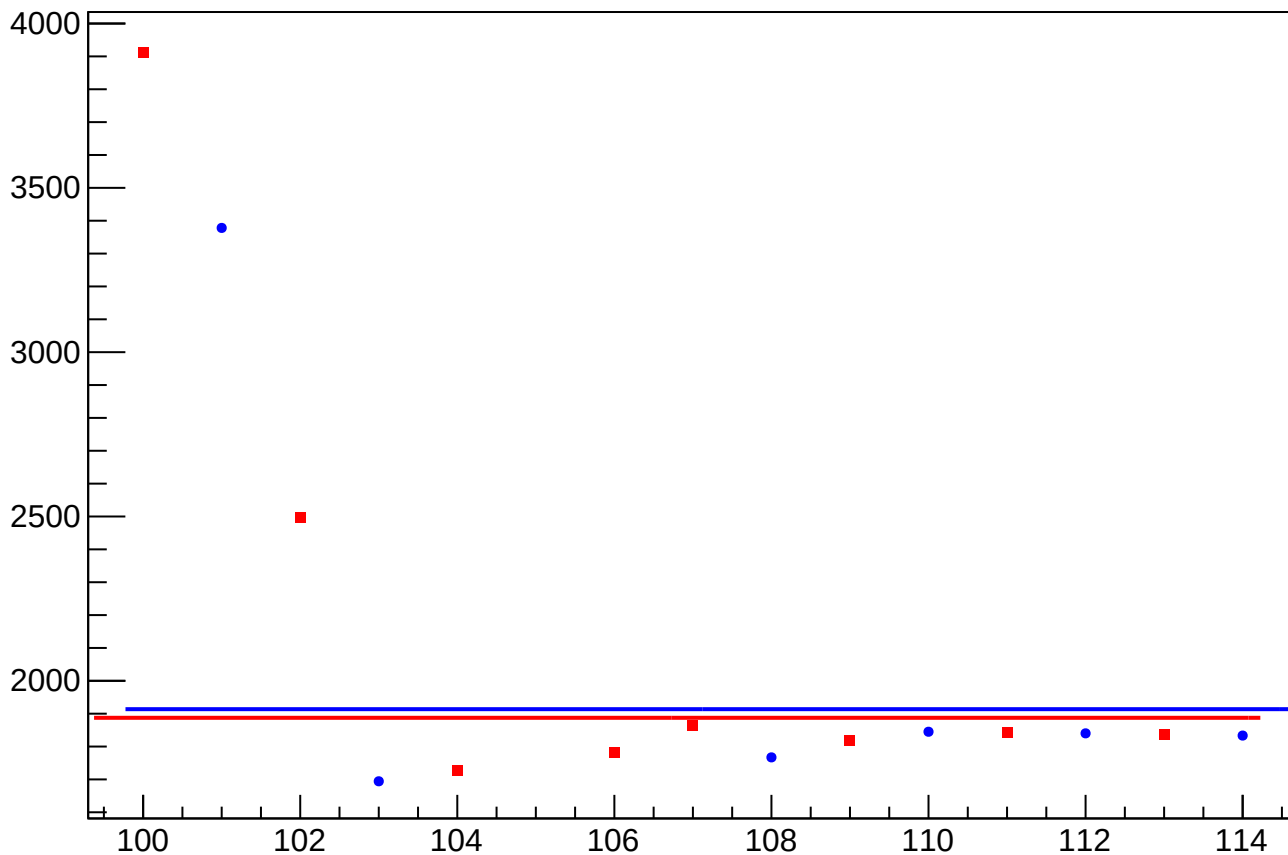
Right: -713.187+/-810.365 χ^2/NDF : 7.3/13

In: -1220.315+/-1213.416 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -713.187+/-810.365 χ^2/NDF : 7.3/13

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1913.727+/-0.858 χ^2/NDF : 274601.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.470+/-0.770 χ^2/NDF : 114847.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

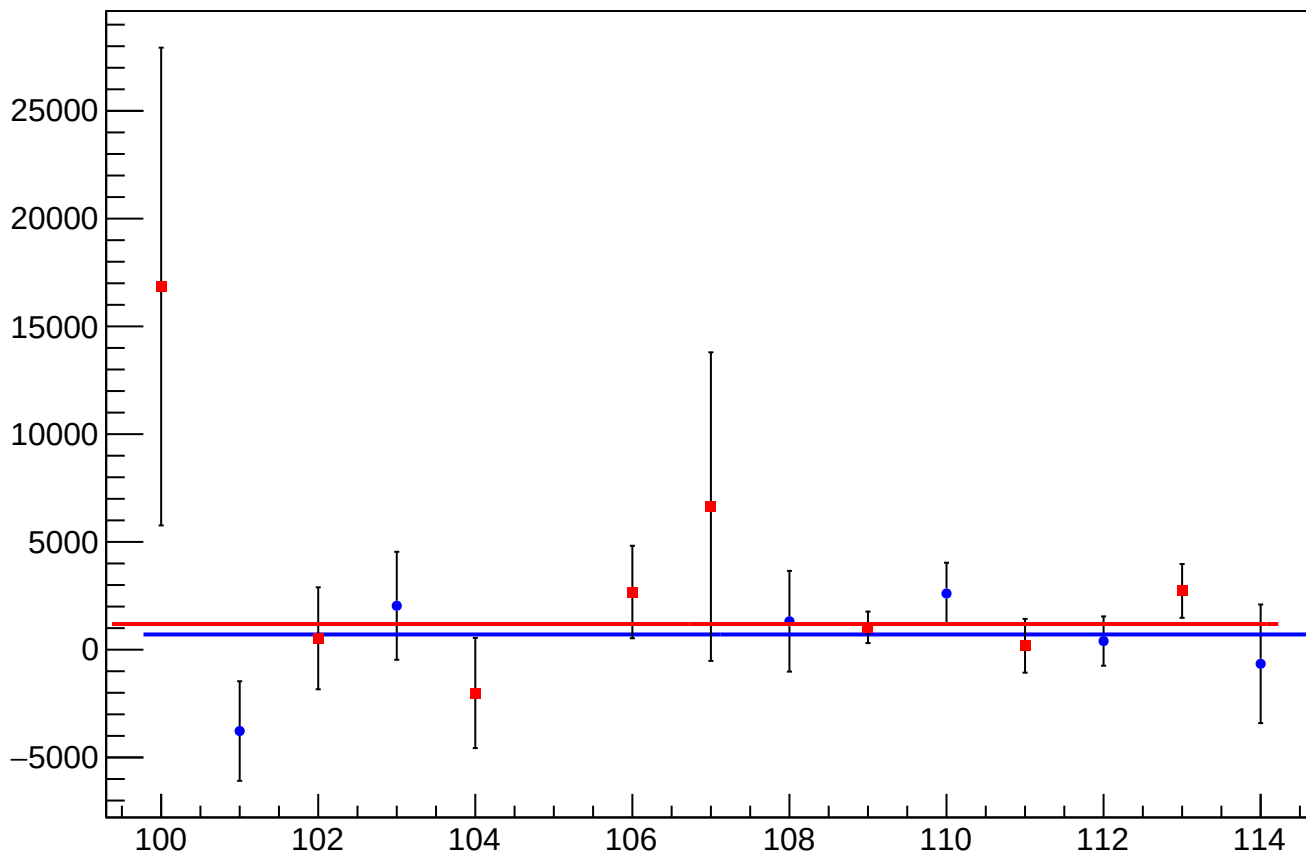
Right: 1899.181+/-0.573 χ^2/NDF : 389967.9/13

In: 1913.727+/-0.858 χ^2/NDF : 274601.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.181+/-0.573 χ^2/NDF : 389967.9/13

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

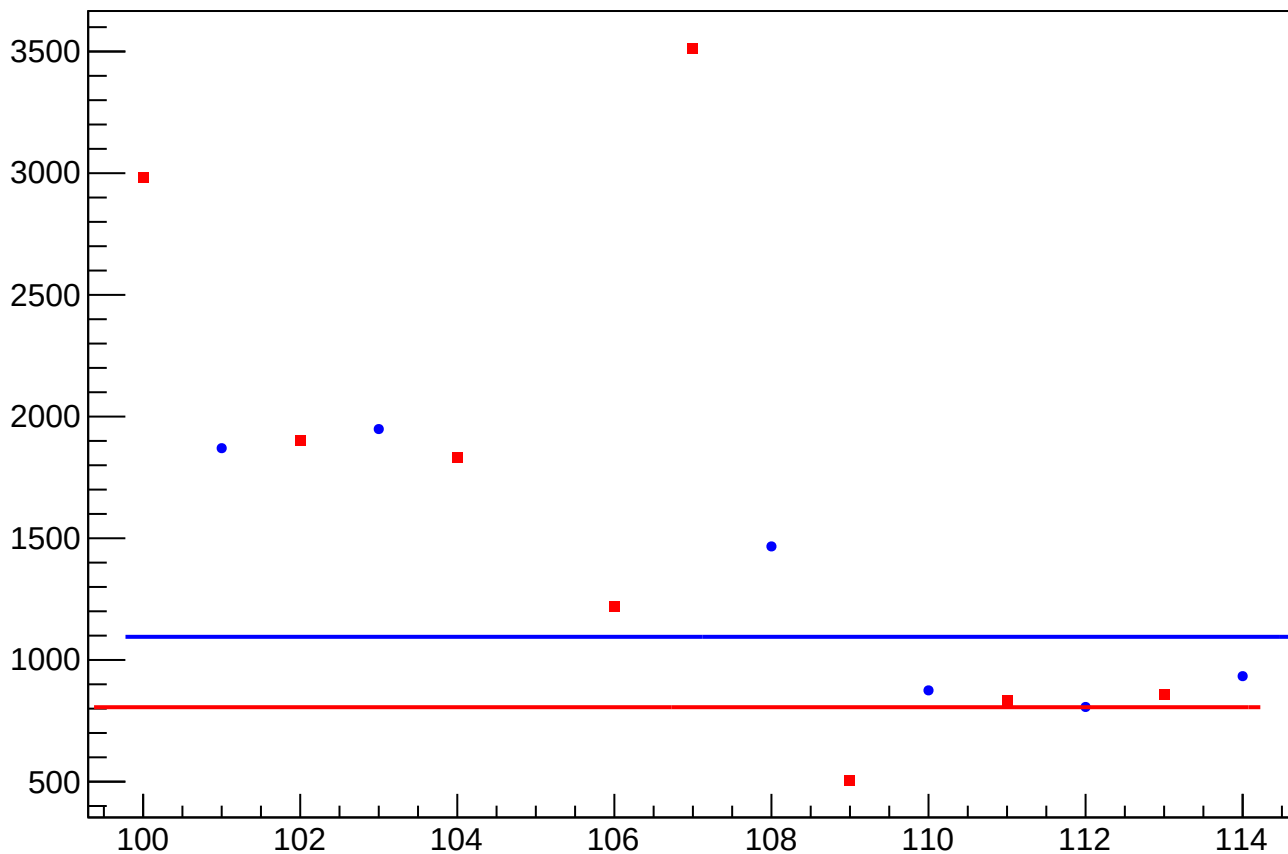
Right: 1026.104+/-420.690 χ^2/NDF : 13.4/13

In: 705.916+/-722.483 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.104+/-420.690 χ^2/NDF : 13.4/13

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1095.123+/-0.511 χ^2/NDF : 689331.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.912+/-0.366 χ^2/NDF : 1537481.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

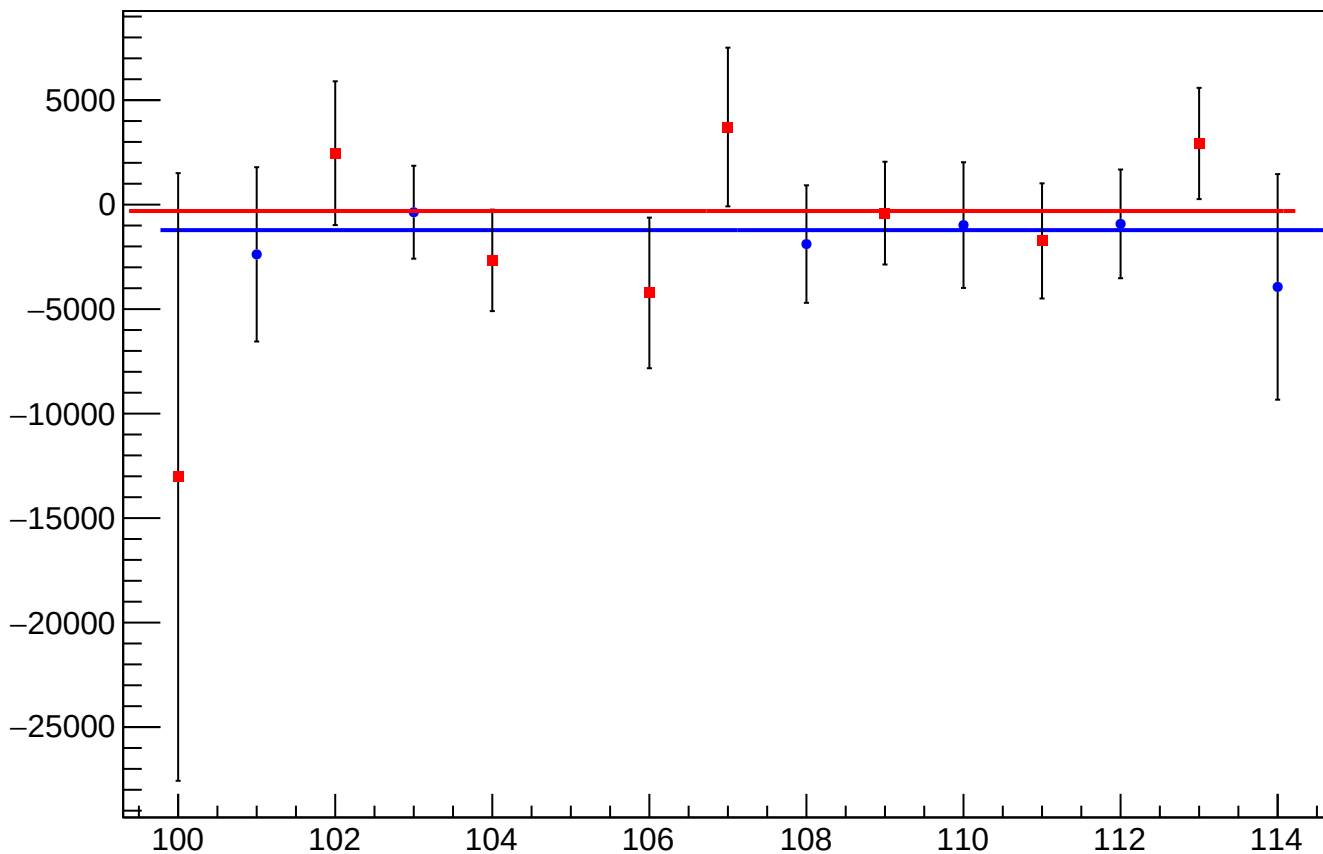
Right: 903.970+/-0.297 χ^2/NDF : 2438633.1/13

In: 1095.123+/-0.511 χ^2/NDF : 689331.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.970+/-0.297 χ^2/NDF : 2438633.1/13

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

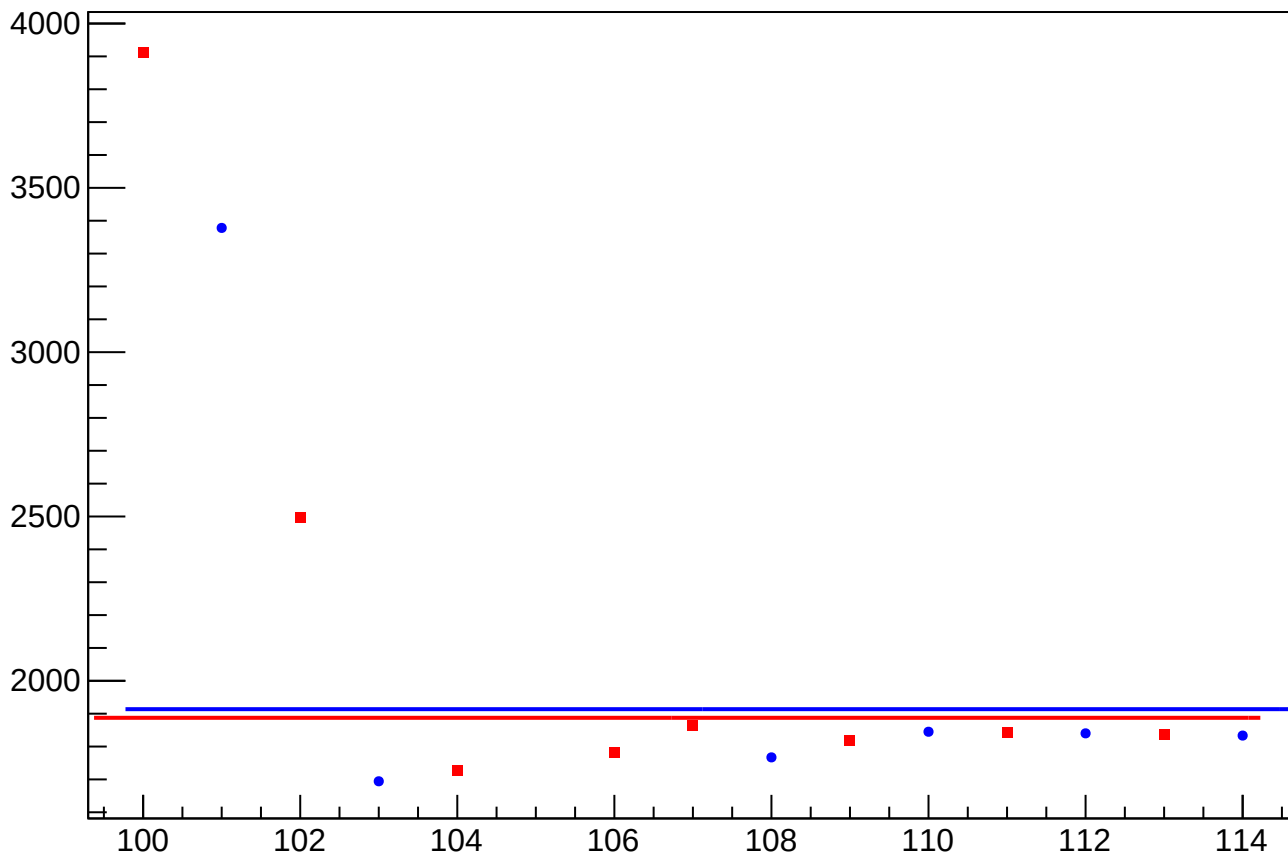
Right: -713.189+/-810.365 χ^2/NDF : 7.3/13

In: -1220.314+/-1213.416 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -713.189+/-810.365 χ^2/NDF : 7.3/13

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1913.727+/-0.858 χ^2/NDF : 274601.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.470+/-0.770 χ^2/NDF : 114847.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

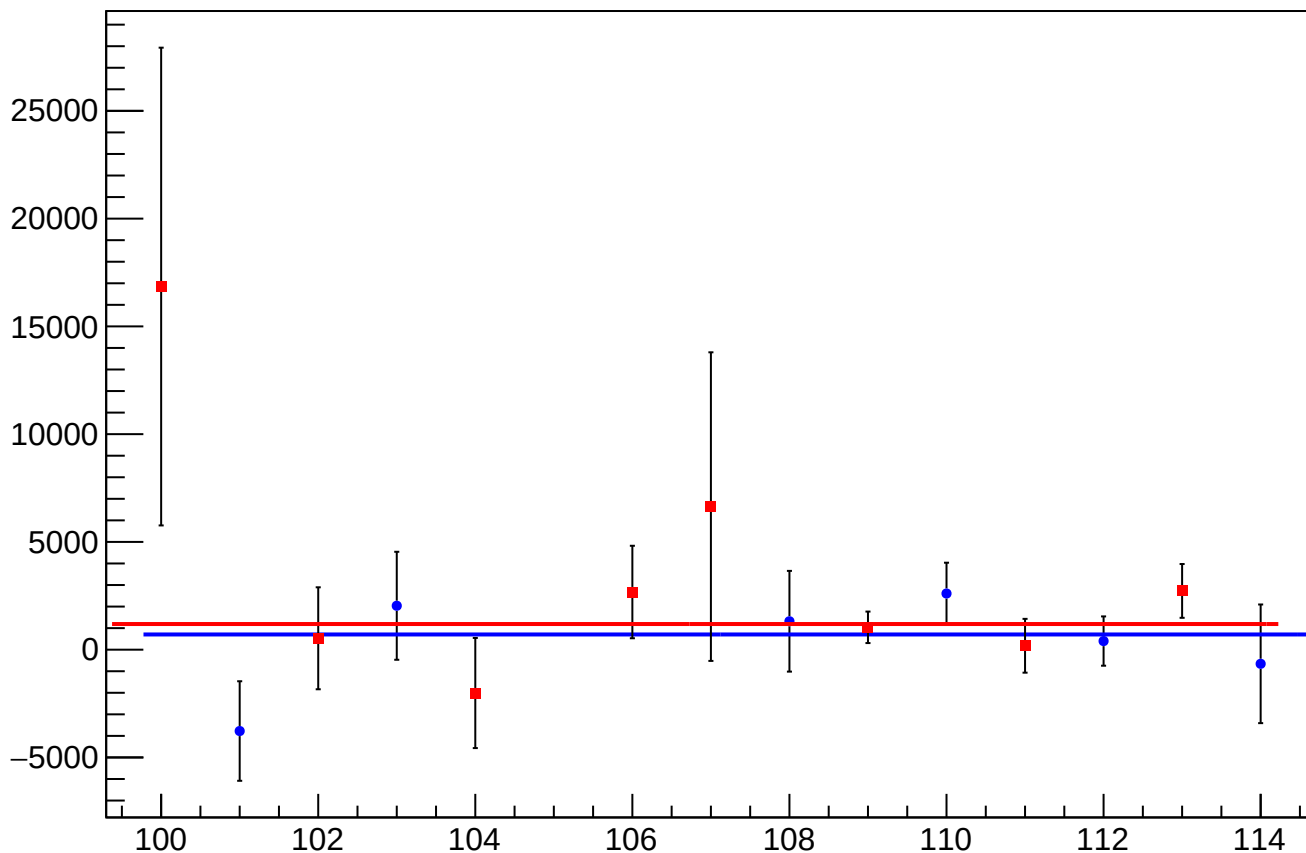
Right: 1899.181+/-0.573 χ^2/NDF : 389967.9/13

In: 1913.727+/-0.858 χ^2/NDF : 274601.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.181+/-0.573 χ^2/NDF : 389967.9/13

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

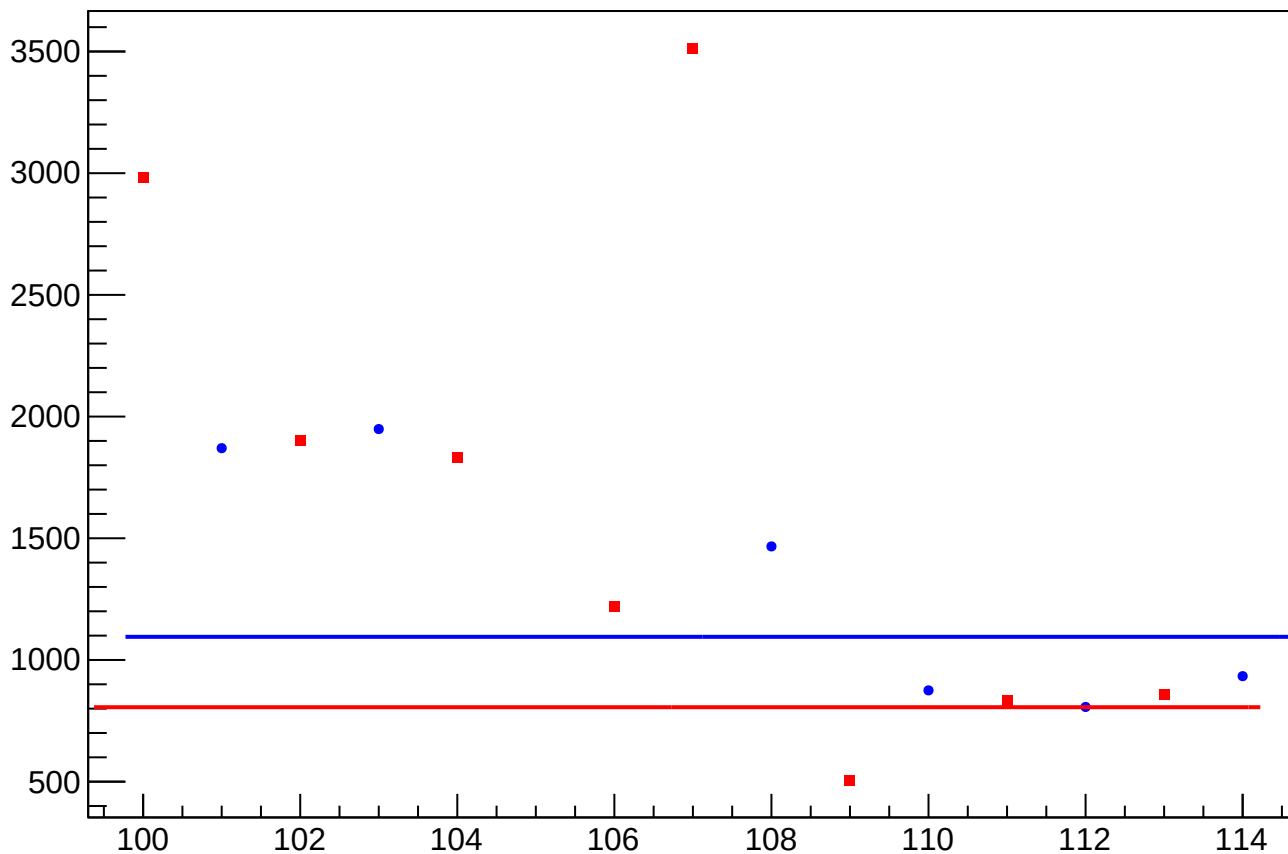
Right: 1026.101+/-420.688 χ^2/NDF : 13.4/13

In: 705.915+/-722.479 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.101+/-420.688 χ^2/NDF : 13.4/13

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1095.114+/-0.511 χ^2/NDF : 689341.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.911+/-0.366 χ^2/NDF : 1537475.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

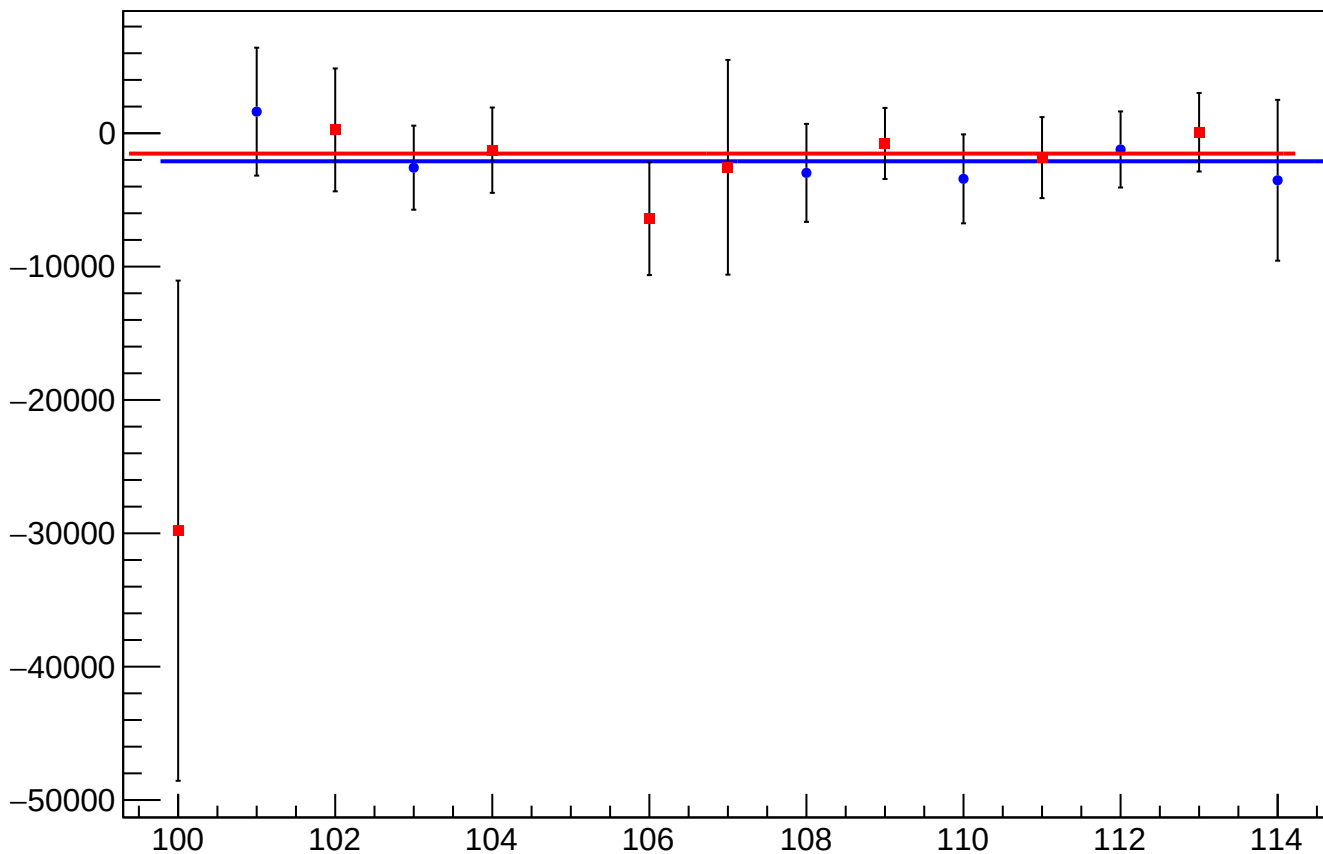
Right: 903.967+/-0.297 χ^2/NDF : 2438629.2/13

In: 1095.114+/-0.511 χ^2/NDF : 689341.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.967+/-0.297 χ^2/NDF : 2438629.2/13

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

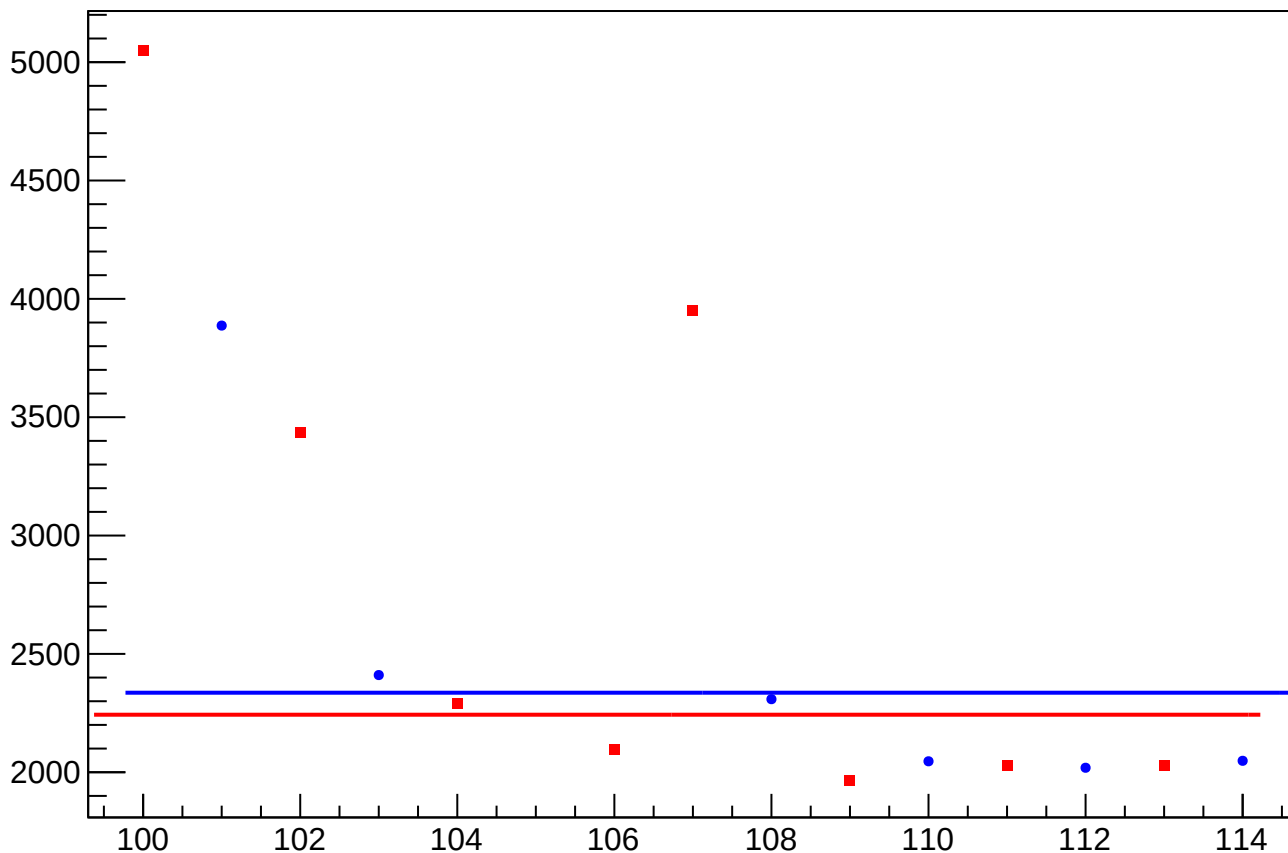
Right: -1779.044+/-979.646 χ^2/NDF : 5.2/13

In: -2101.539+/-1476.941 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1779.044+/-979.646 χ^2/NDF : 5.2/13

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2336.002+/-1.044 χ^2/NDF : 254688.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2243.039+/-0.926 χ^2/NDF : 313544.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

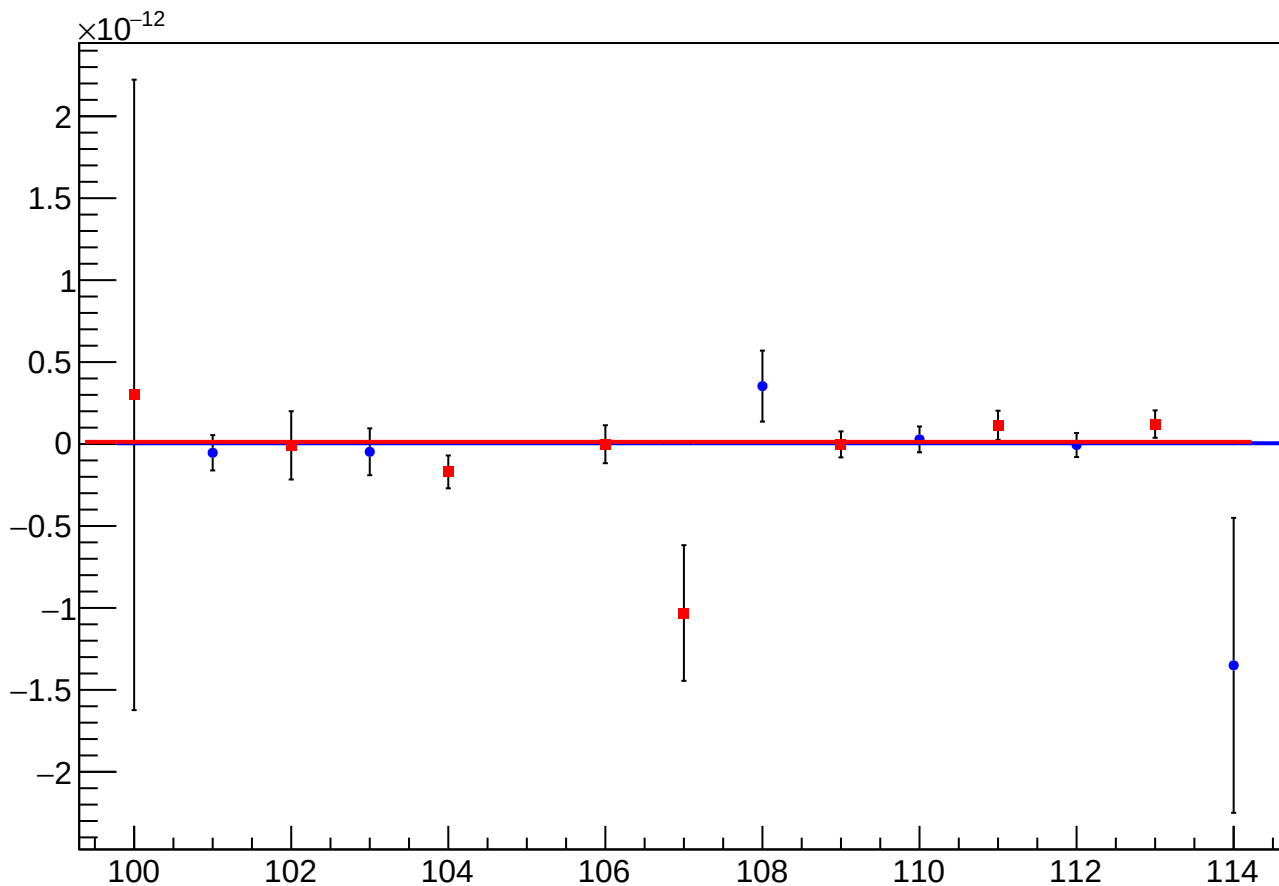
Right: 2283.938+/-0.693 χ^2/NDF : 572670.2/13

In: 2336.002+/-1.044 χ^2/NDF : 254688.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2283.938+/-0.693 χ^2/NDF : 572670.2/13

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

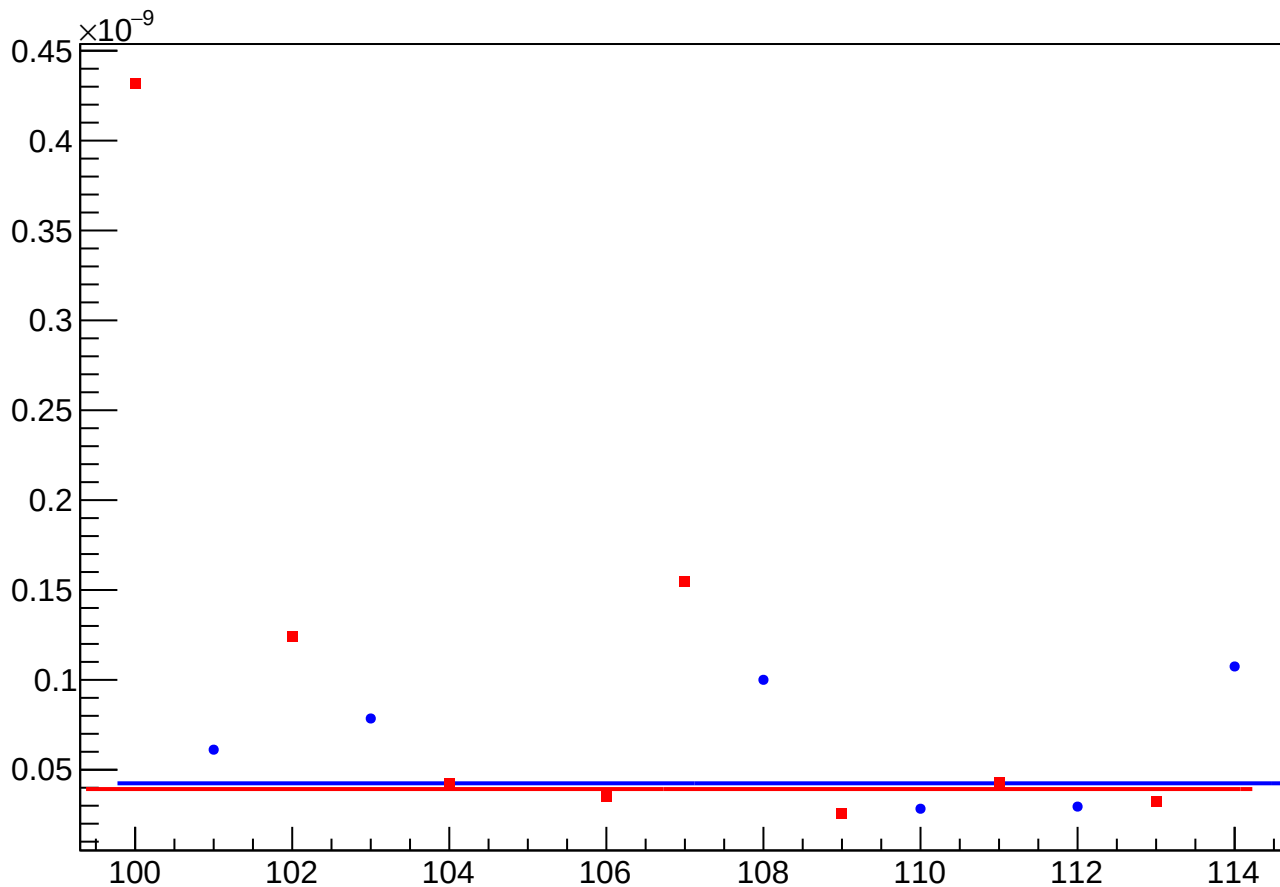
Right: 0.000+/-0.000 χ^2/NDF : 18.2/13

In: 0.000+/-0.000 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.2/13

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

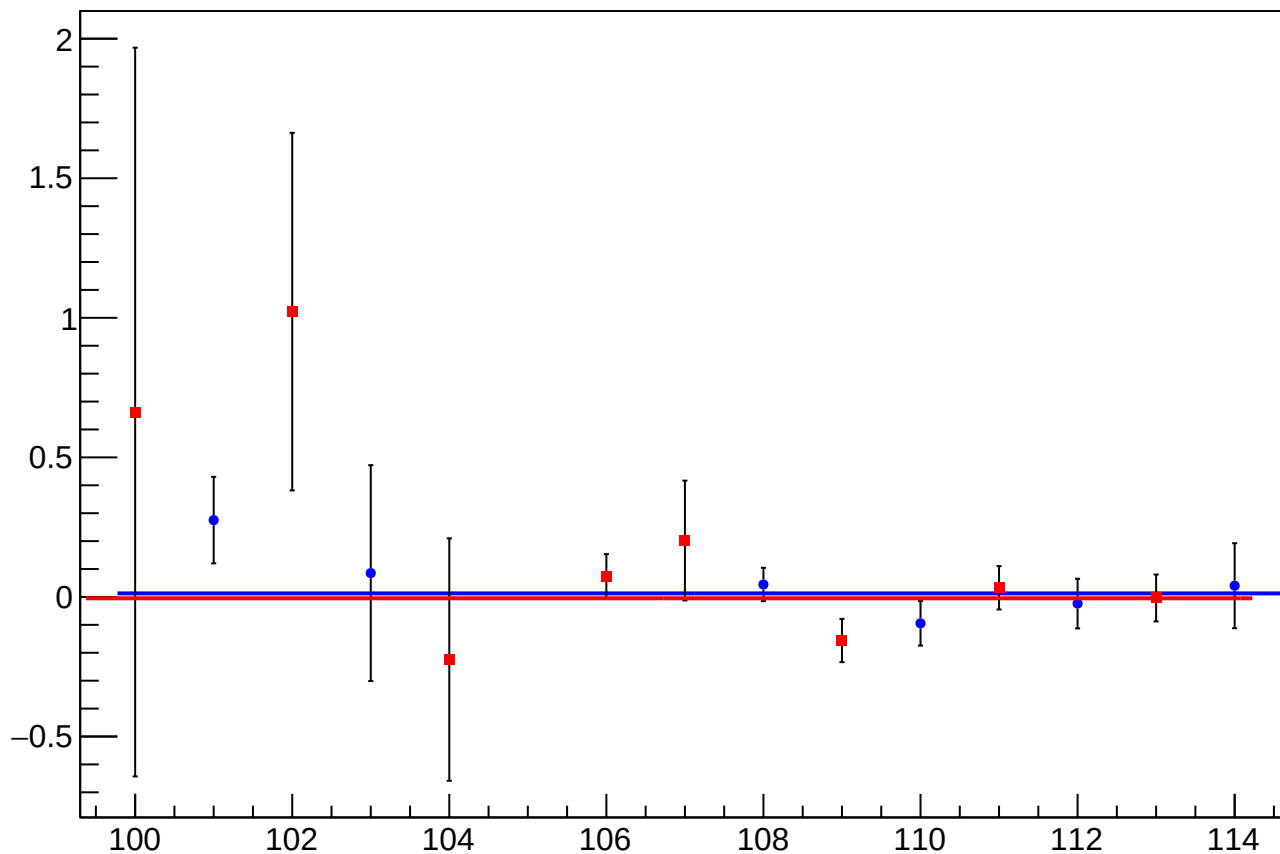
Right: 0.000+/-0.000 χ^2/NDF : 1122419.0/13

In: 0.000+/-0.000 χ^2/NDF : 465986.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1122419.0/13

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.039 χ^2/NDF : 5.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

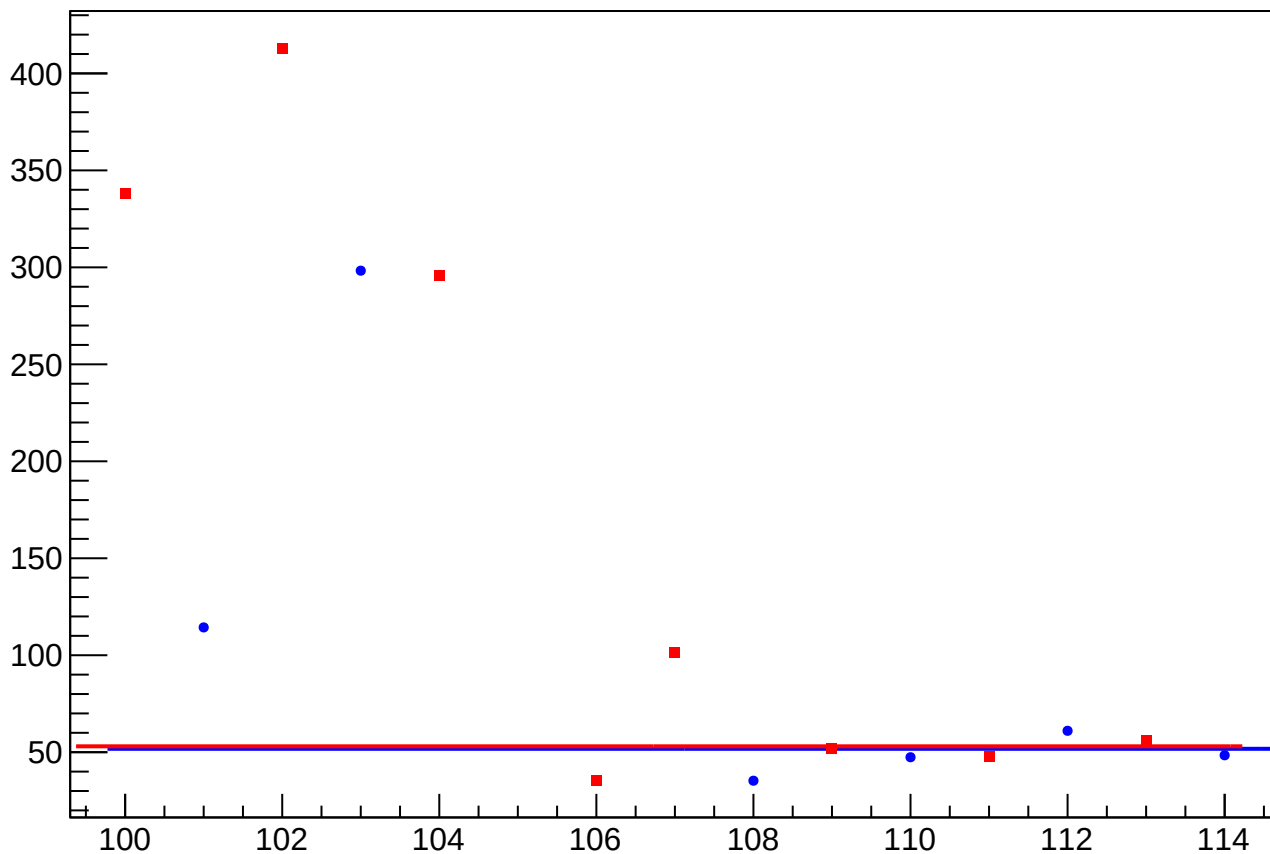
Right: 0.004+/-0.028 χ^2/NDF : 14.4/13

In: 0.013+/-0.039 χ^2/NDF :5.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.028 χ^2/NDF : 14.4/13

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

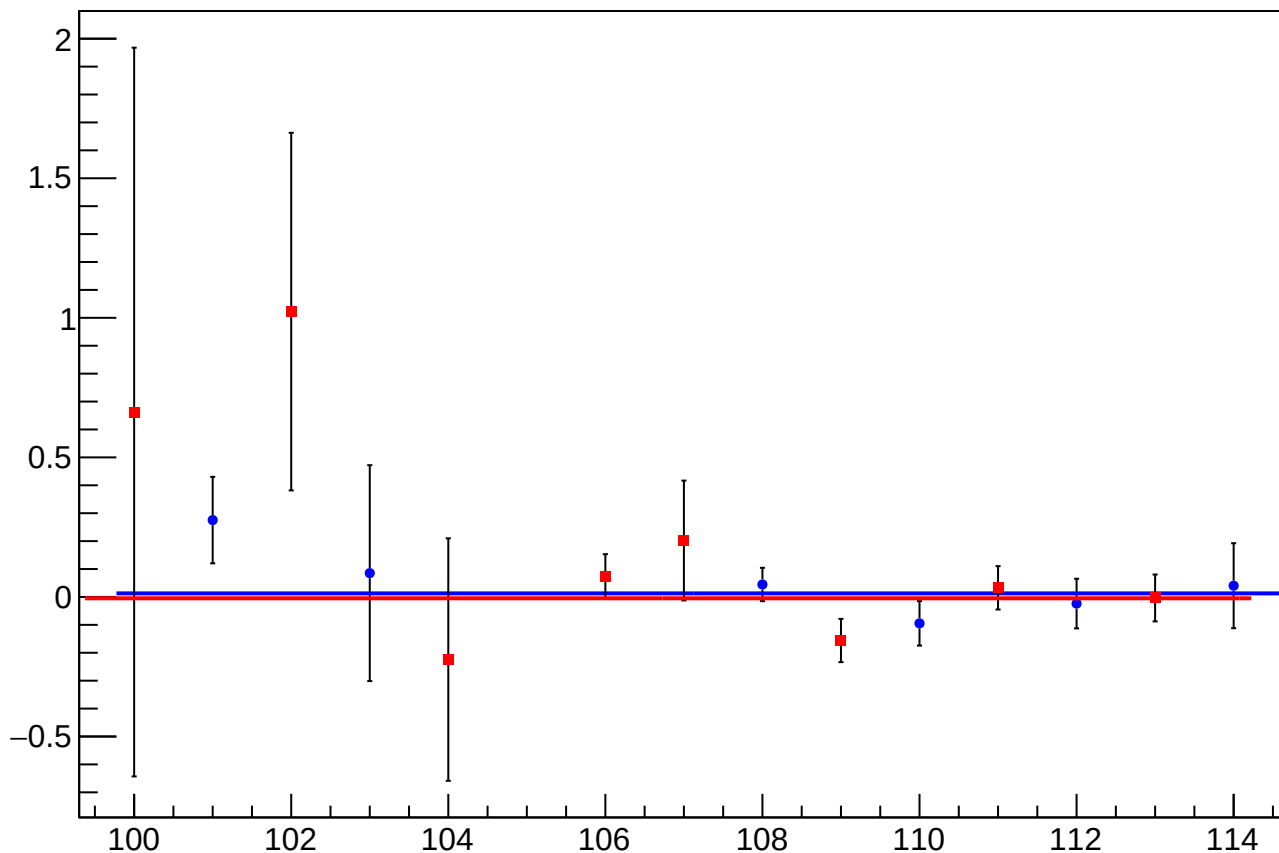
Right: 52.400+/-0.019 χ^2/NDF : 2886103.1/13

In: 51.754+/-0.028 χ^2/NDF : 1319022.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.400+/-0.019 χ^2/NDF : 2886103.1/13

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.039 χ^2/NDF : 5.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

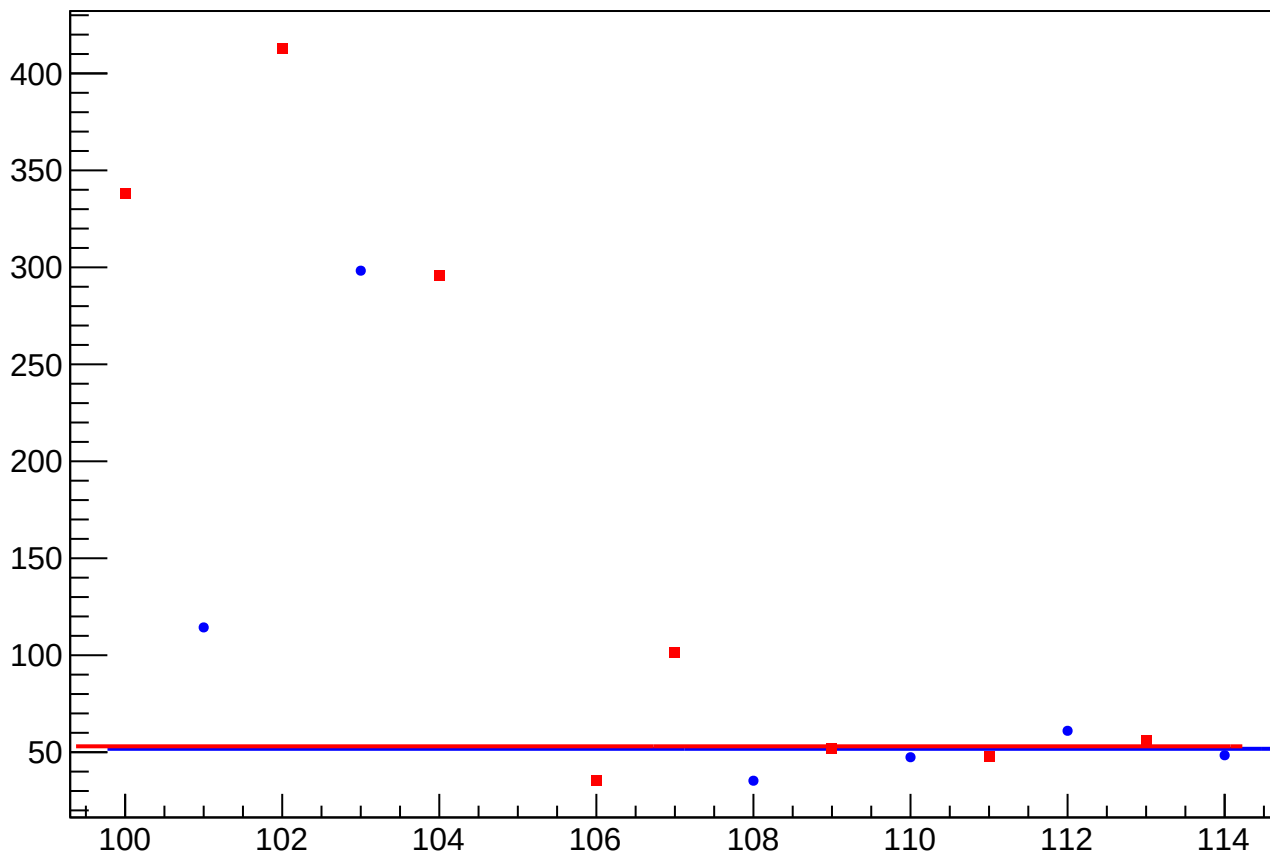
Right: 0.004+/-0.028 χ^2/NDF : 14.4/13

In: 0.013+/-0.039 χ^2/NDF : 5.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.028 χ^2/NDF : 14.4/13

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

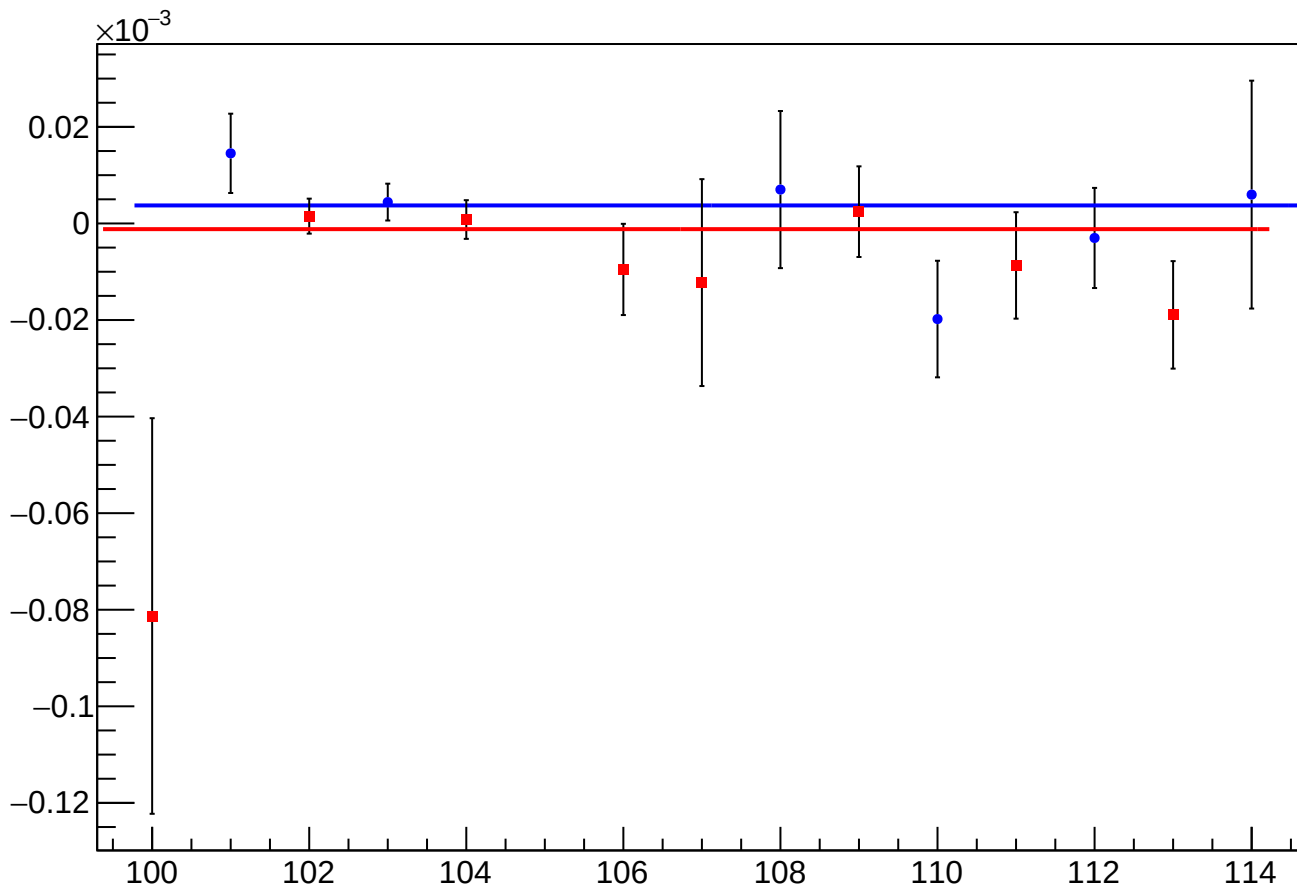
Right: 52.400+/-0.019 χ^2/NDF : 2886103.1/13

In: 51.754+/-0.028 χ^2/NDF : 1319022.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.400+/-0.019 χ^2/NDF : 2886103.1/13

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

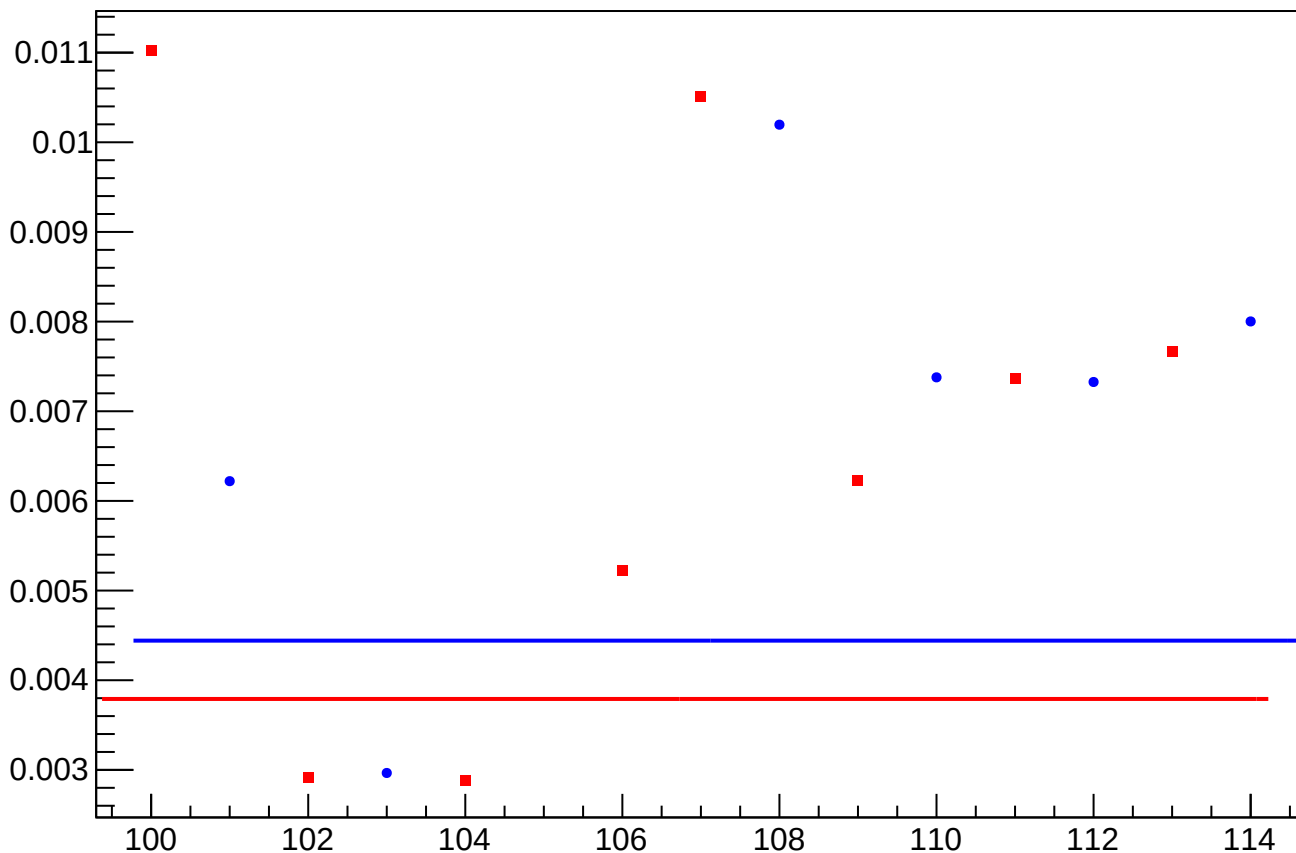
Right: 0.000+/-0.000 χ^2/NDF : 16.5/13

In: 0.000+/-0.000 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/13

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

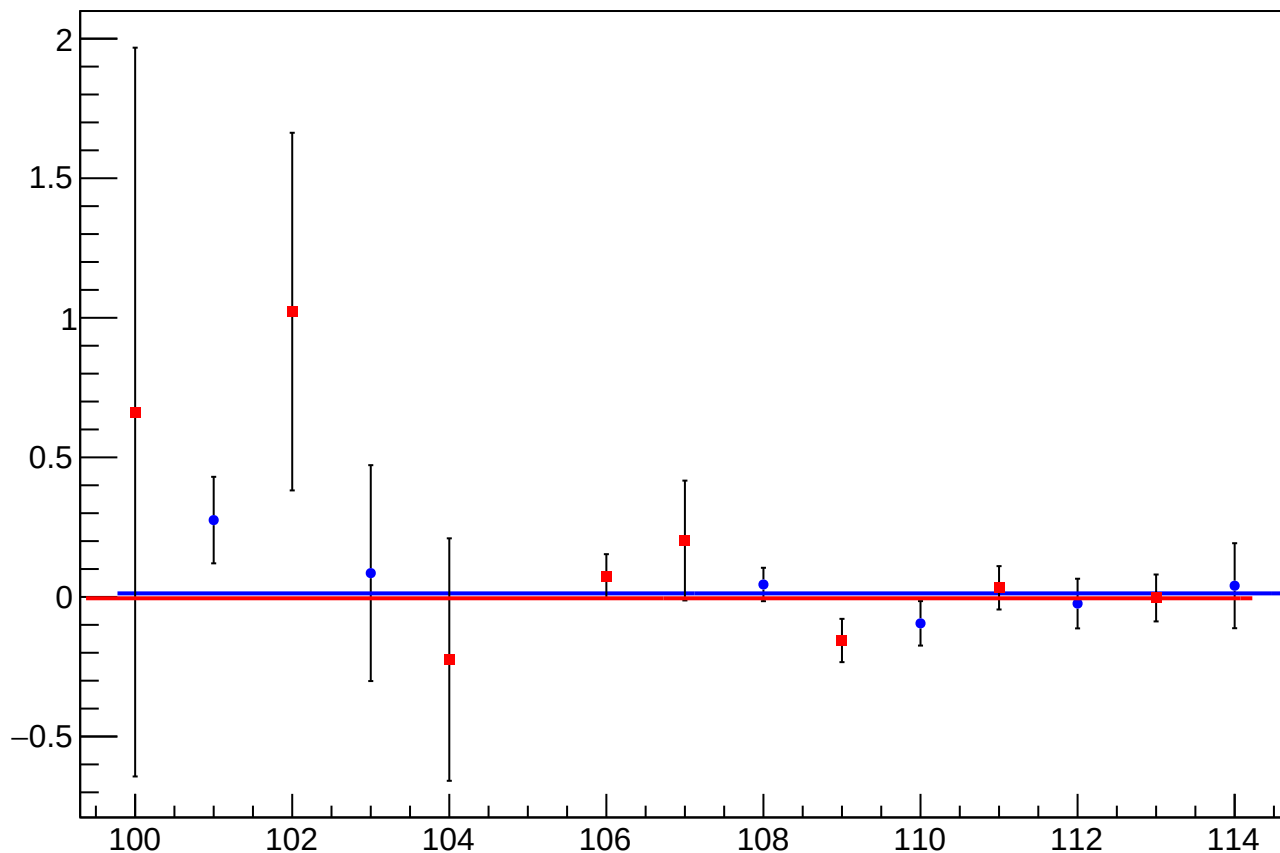
Right: 0.004+/-0.000 χ^2/NDF : 2129953.3/13

In: 0.004+/-0.000 χ^2/NDF : 962276.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2129953.3/13

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.039 χ^2/NDF : 5.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

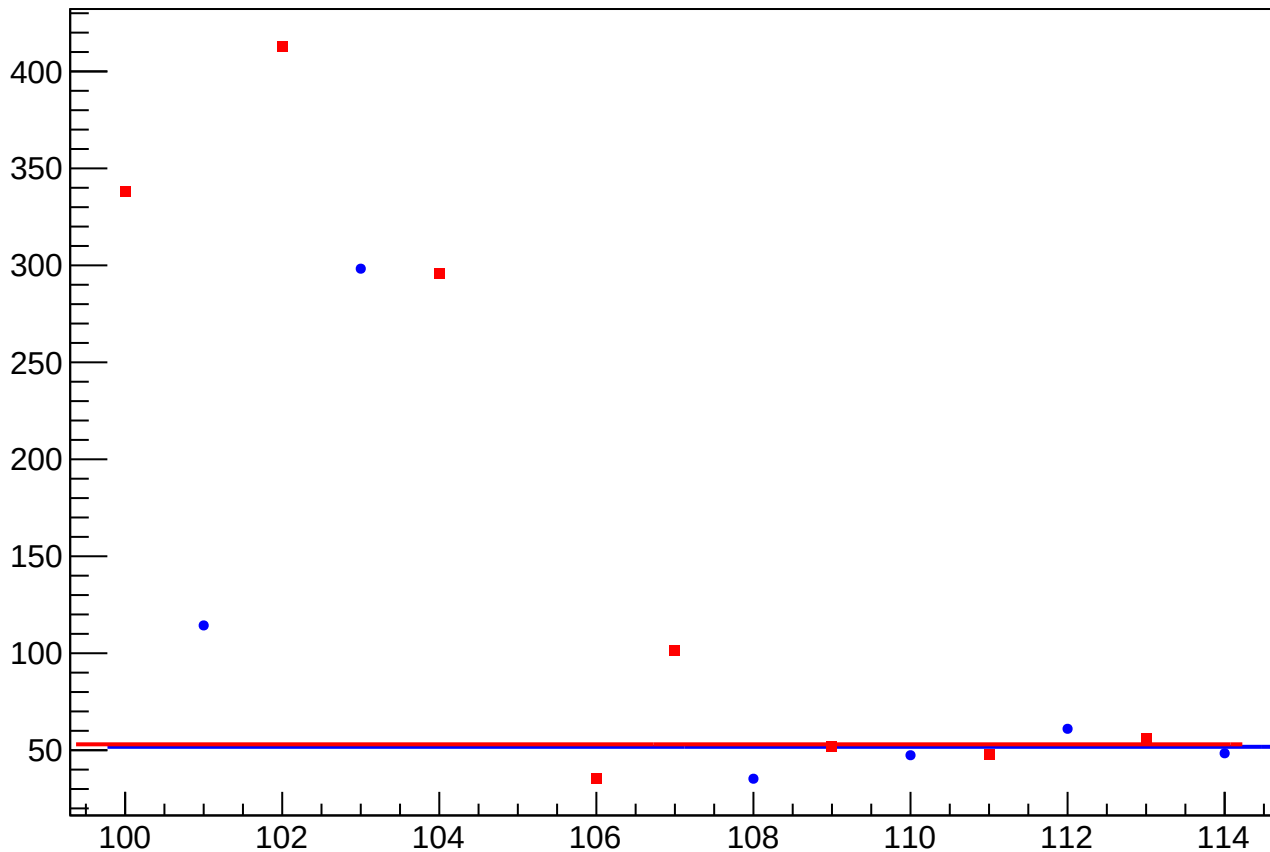
Right: 0.004+/-0.028 χ^2/NDF : 14.4/13

In: 0.013+/-0.039 χ^2/NDF :5.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.028 χ^2/NDF : 14.4/13

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

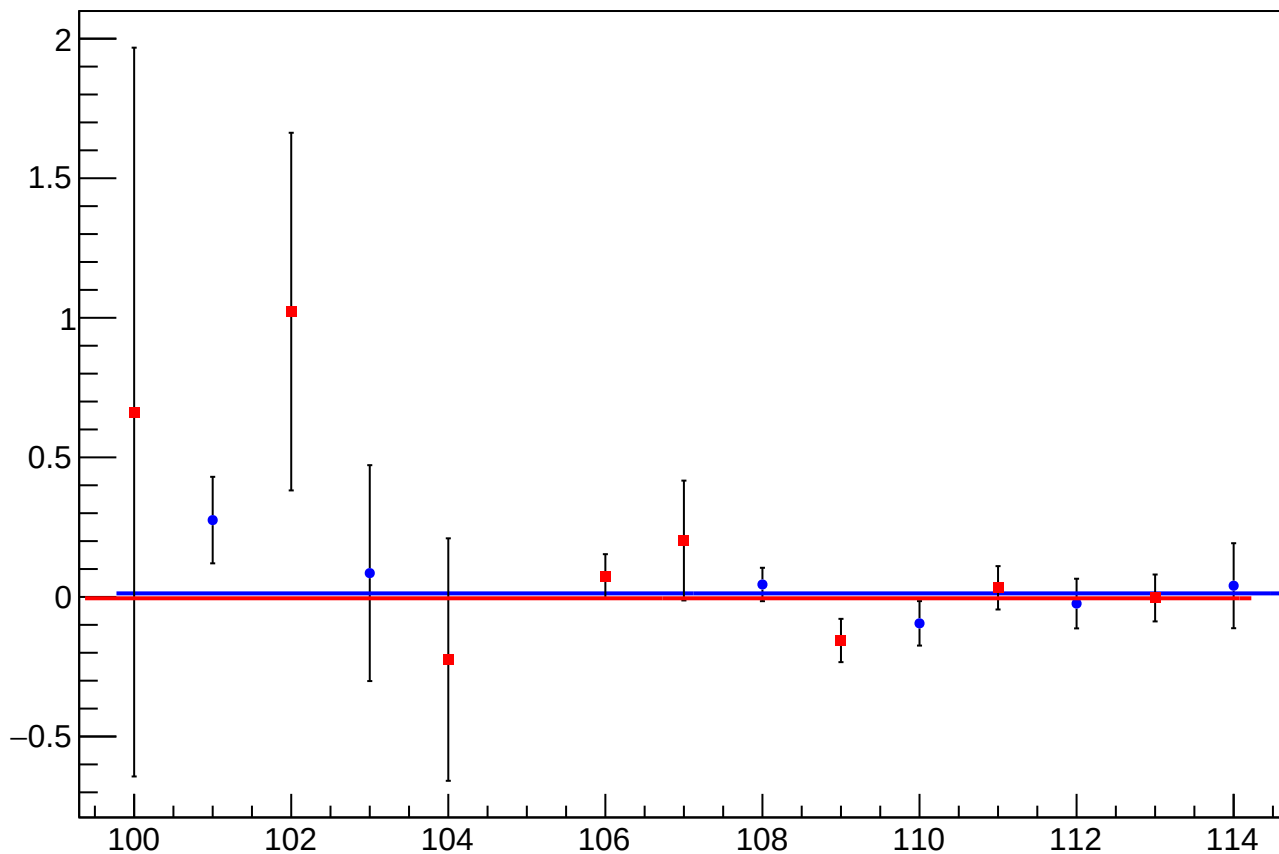
Right: 52.402+/-0.019 χ^2/NDF : 2886010.3/13

In: 51.757+/-0.028 χ^2/NDF : 1318950.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.402+/-0.019 χ^2/NDF : 2886010.3/13

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

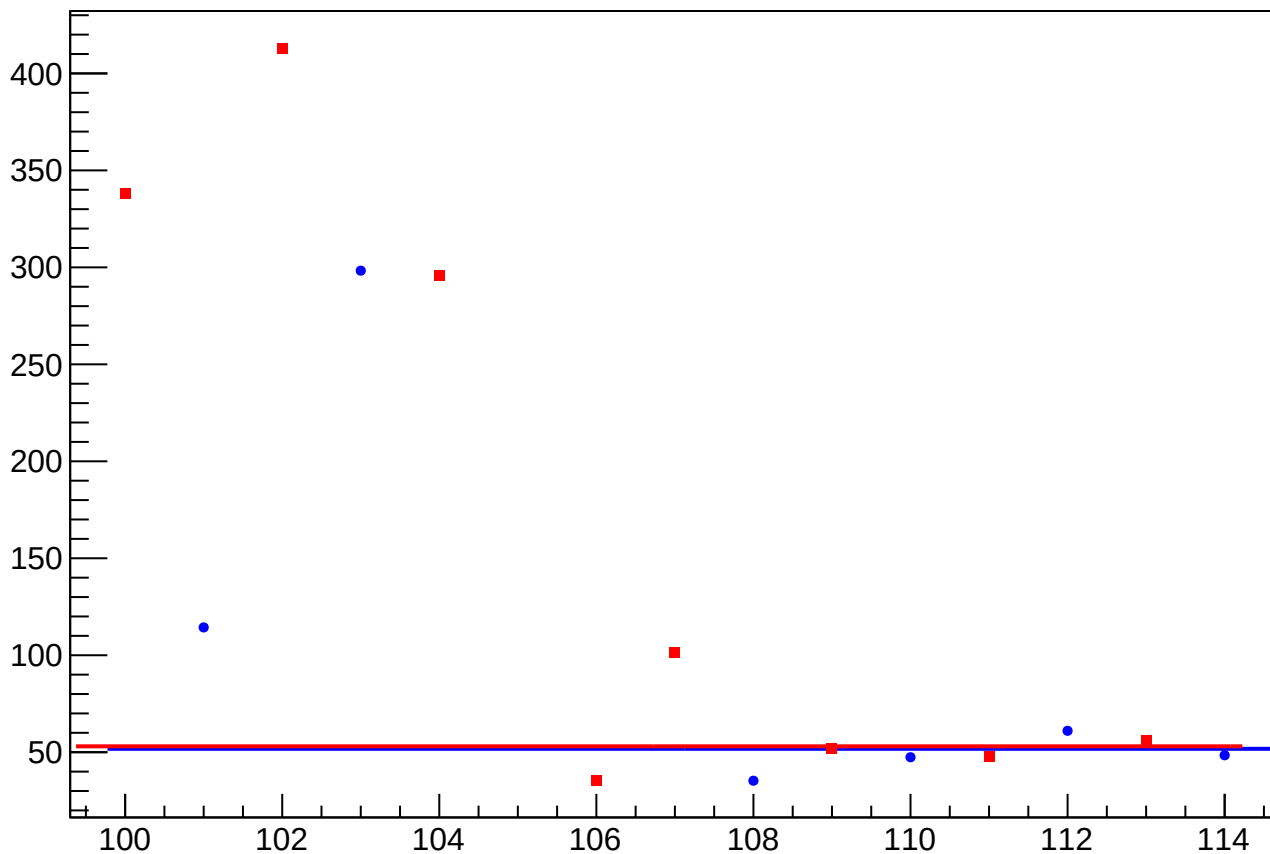
Right: 0.004 $\pm$ 0.028 χ^2 /NDF: 14.4/13

In: 0.013 $\pm$ 0.039 χ^2 /NDF:5.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.028 χ^2 /NDF: 14.4/13

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

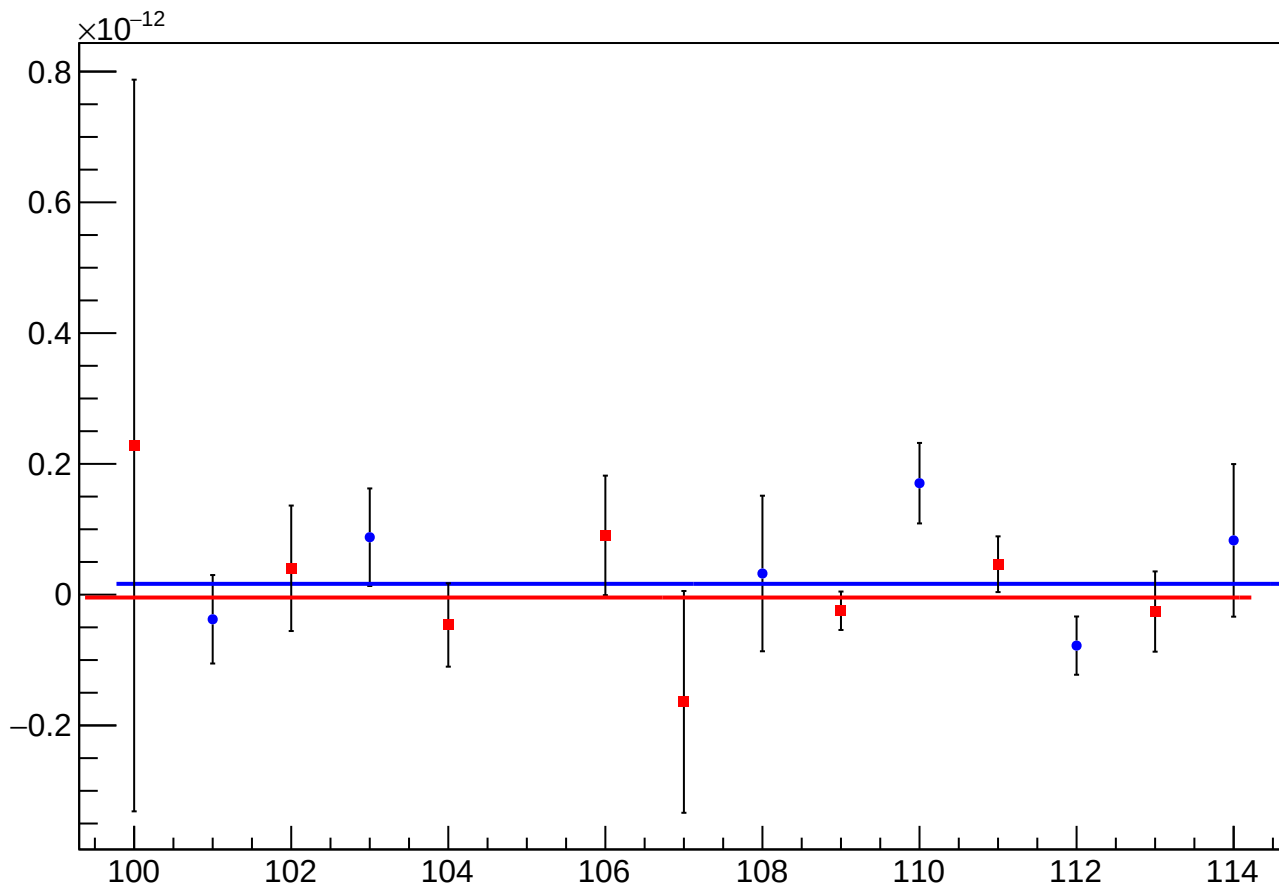
Right: 52.402+/-0.019 χ^2/NDF : 2886010.3/13

In: 51.757+/-0.028 χ^2/NDF : 1318950.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.402+/-0.019 χ^2/NDF : 2886010.3/13

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

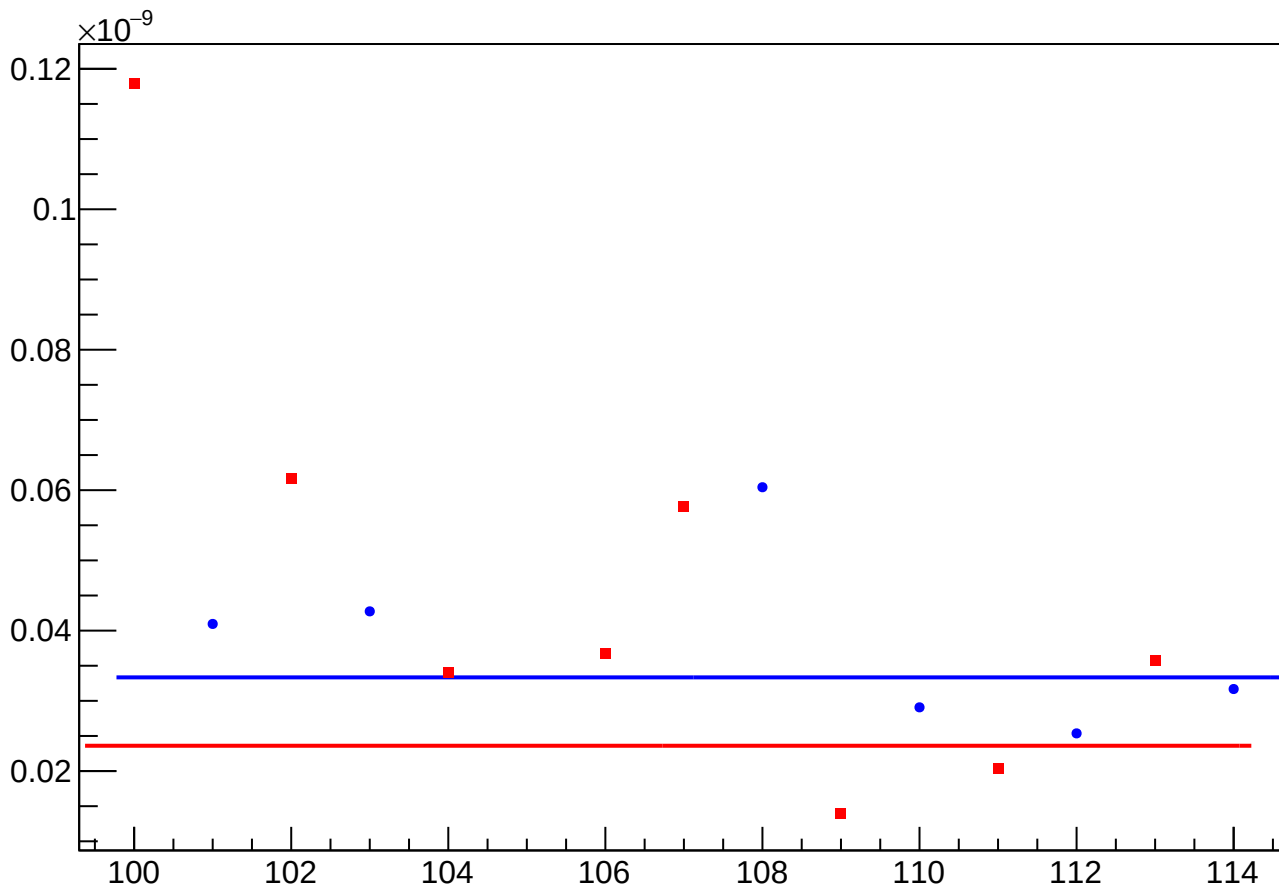
Right: 0.000+/-0.000 χ^2/NDF : 17.8/13

In: 0.000+/-0.000 χ^2/NDF : 12.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/13

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

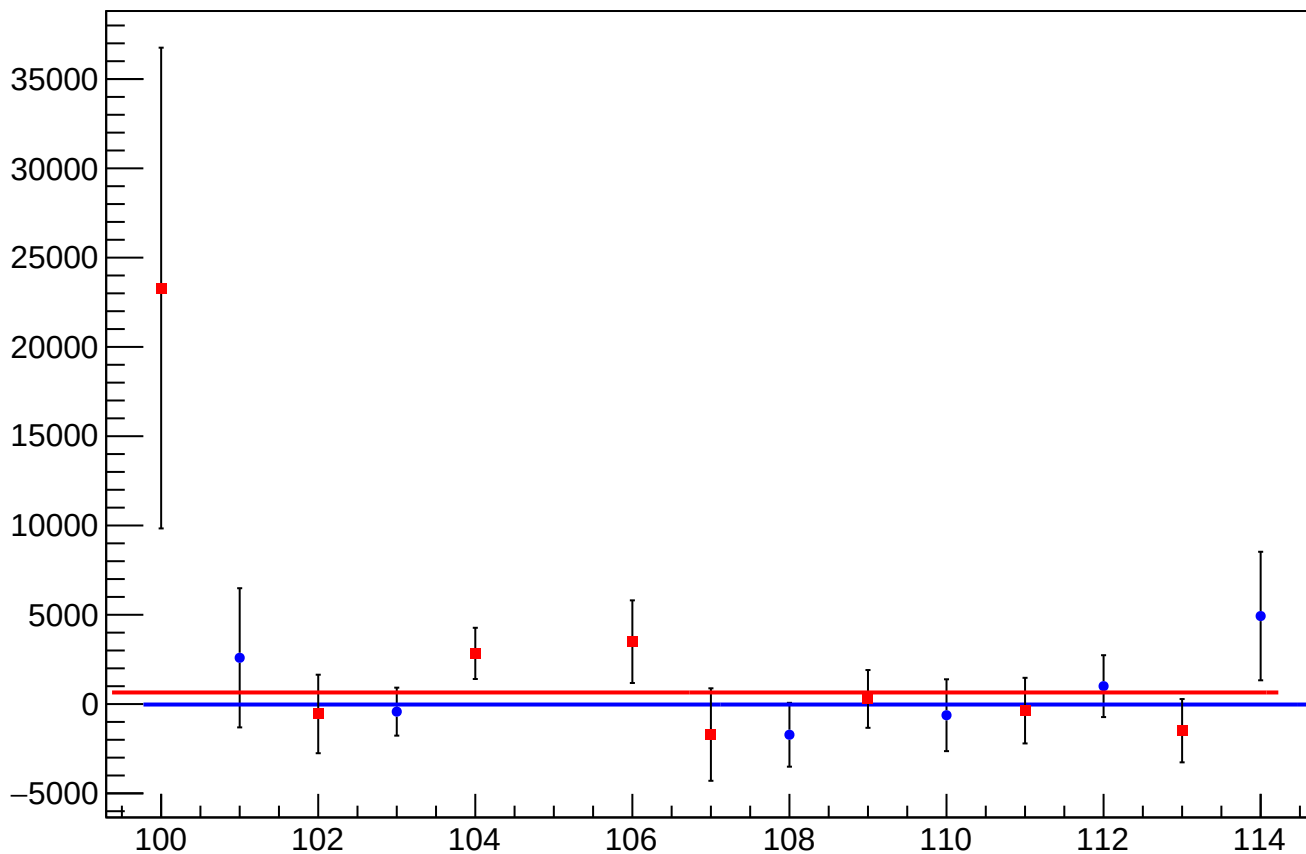
Right: 0.000+/-0.000 χ^2/NDF : 1249700.1/13

In: 0.000+/-0.000 χ^2/NDF : 234792.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1249700.1/13

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

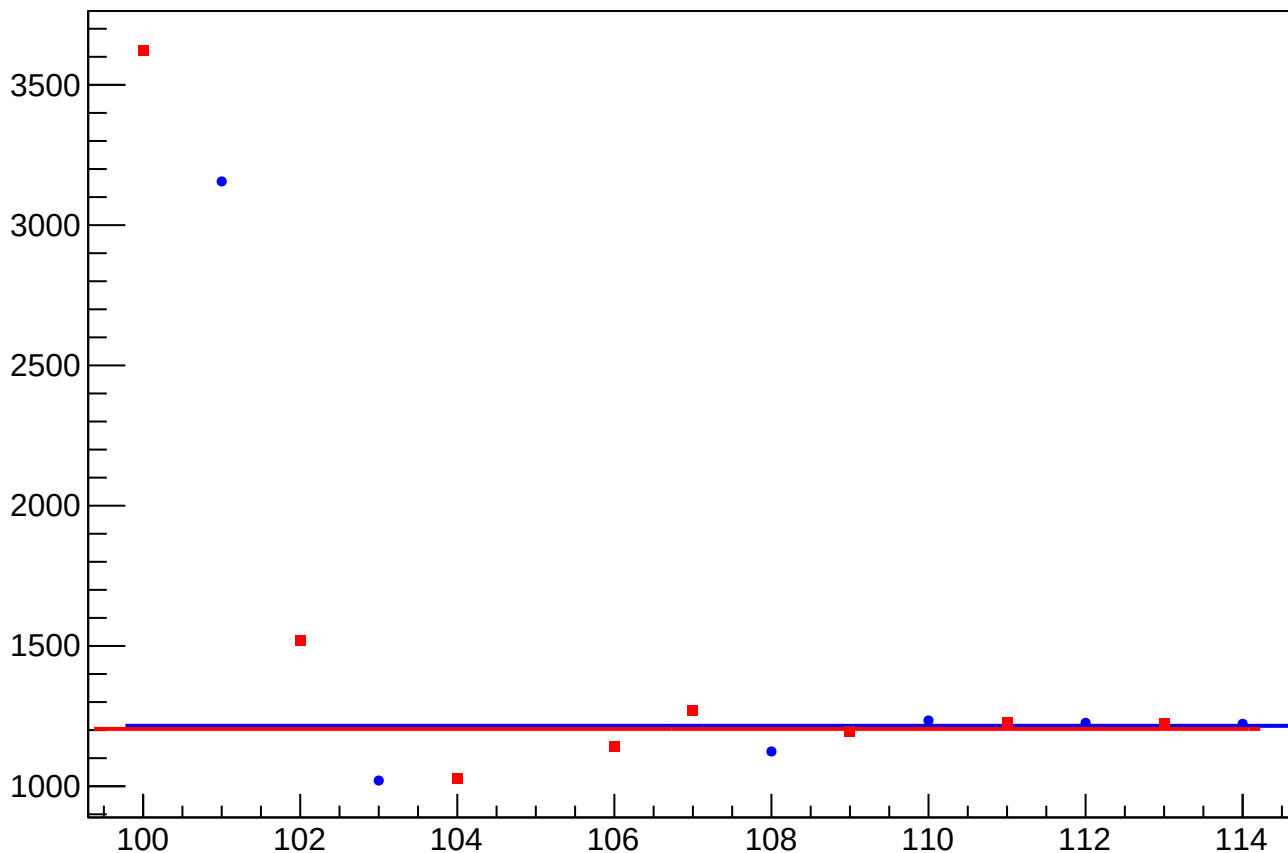
Right: 352.696 ± 525.506 χ^2/NDF : 13.8/13

In: -26.108 ± 793.029 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 352.696 ± 525.506 χ^2/NDF : 13.8/13

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

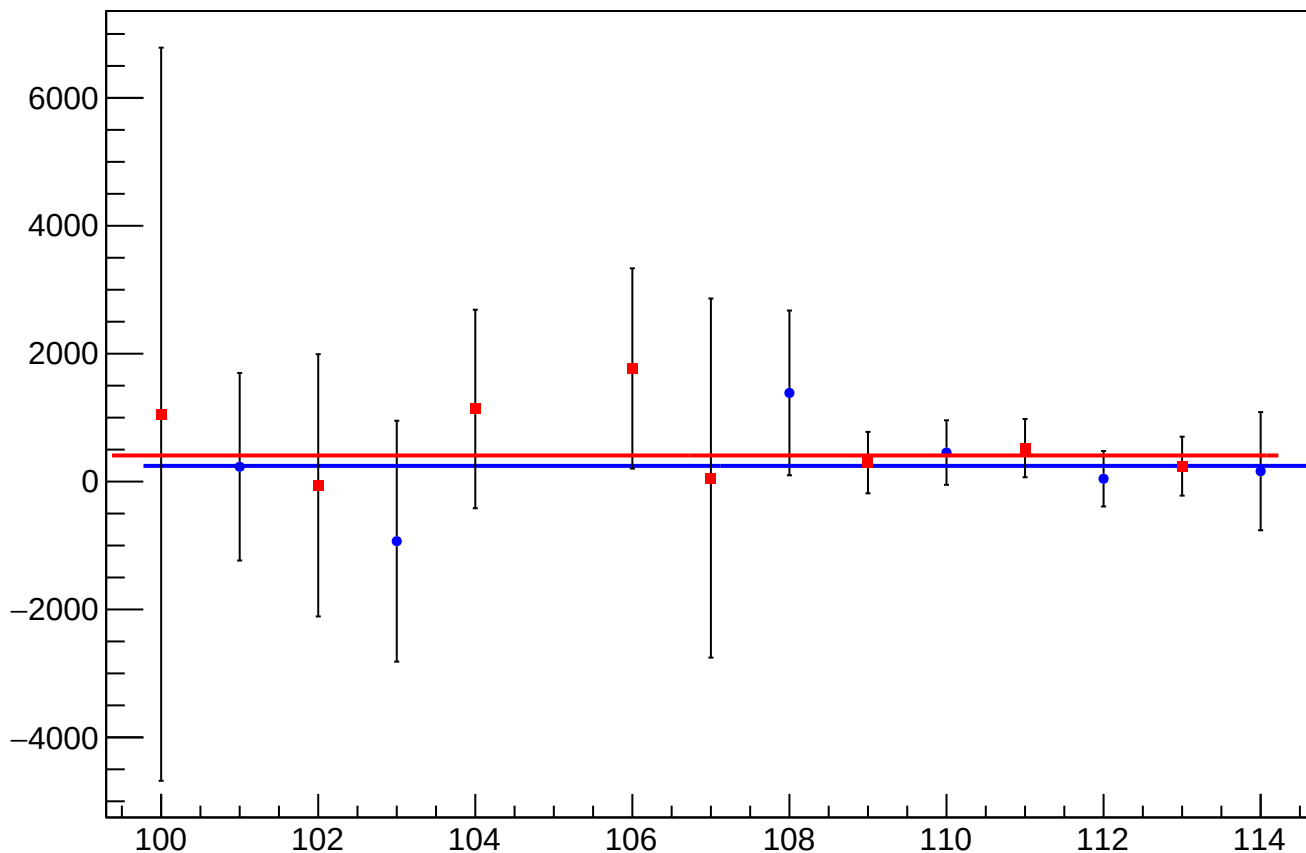
Right: 1209.198+/-0.372 χ^2/NDF : 683523.1/13

In: 1215.293+/-0.561 χ^2/NDF : 543507.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.198+/-0.372 χ^2/NDF : 683523.1/13

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 245.471+/-291.524 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 408.175+/-257.441 χ^2/NDF : 1.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

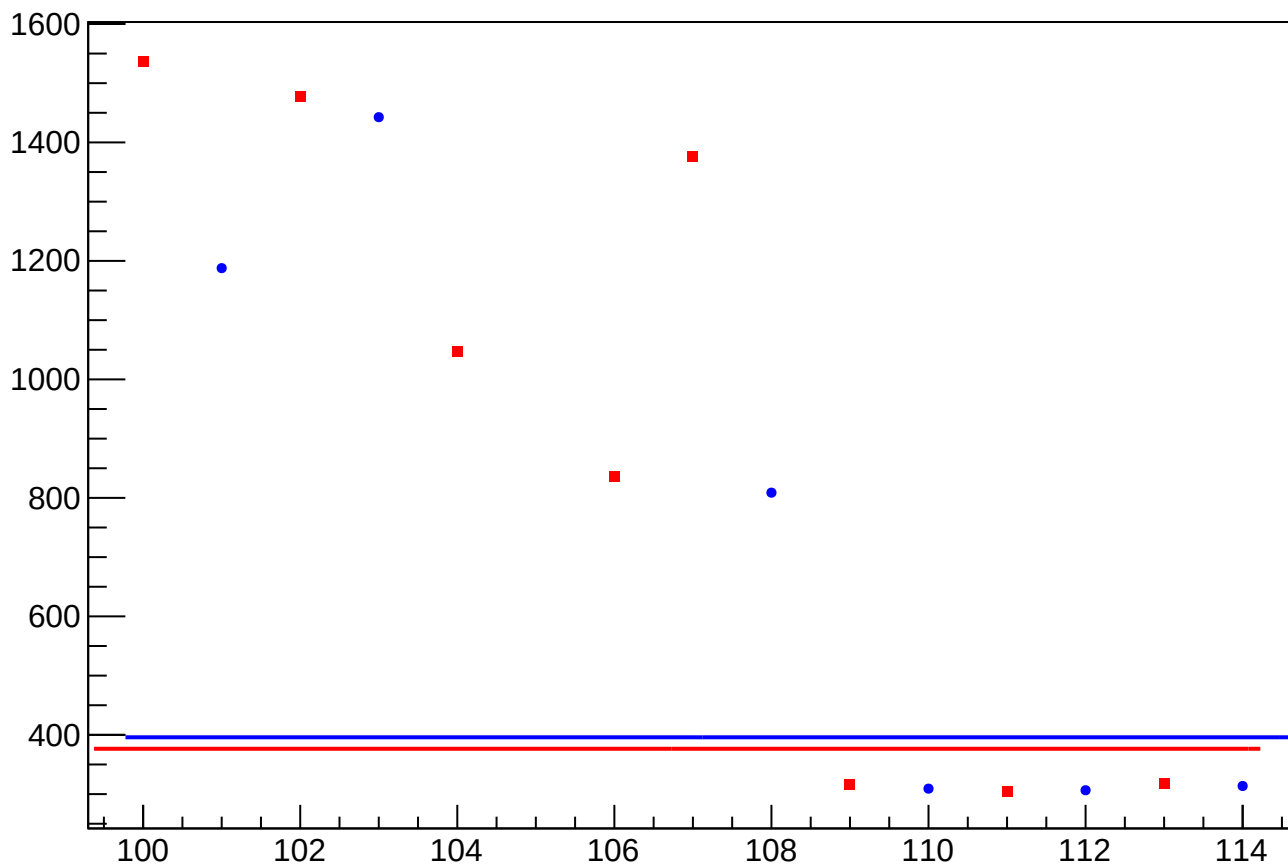
Right: 336.886+/-192.969 χ^2/NDF : 3.0/13

In: 245.471+/-291.524 χ^2/NDF :1.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 336.886+/-192.969 χ^2/NDF : 3.0/13

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 395.894+/-0.206 χ^2/NDF : 1565744.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 376.508+/-0.182 χ^2/NDF : 1573544.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

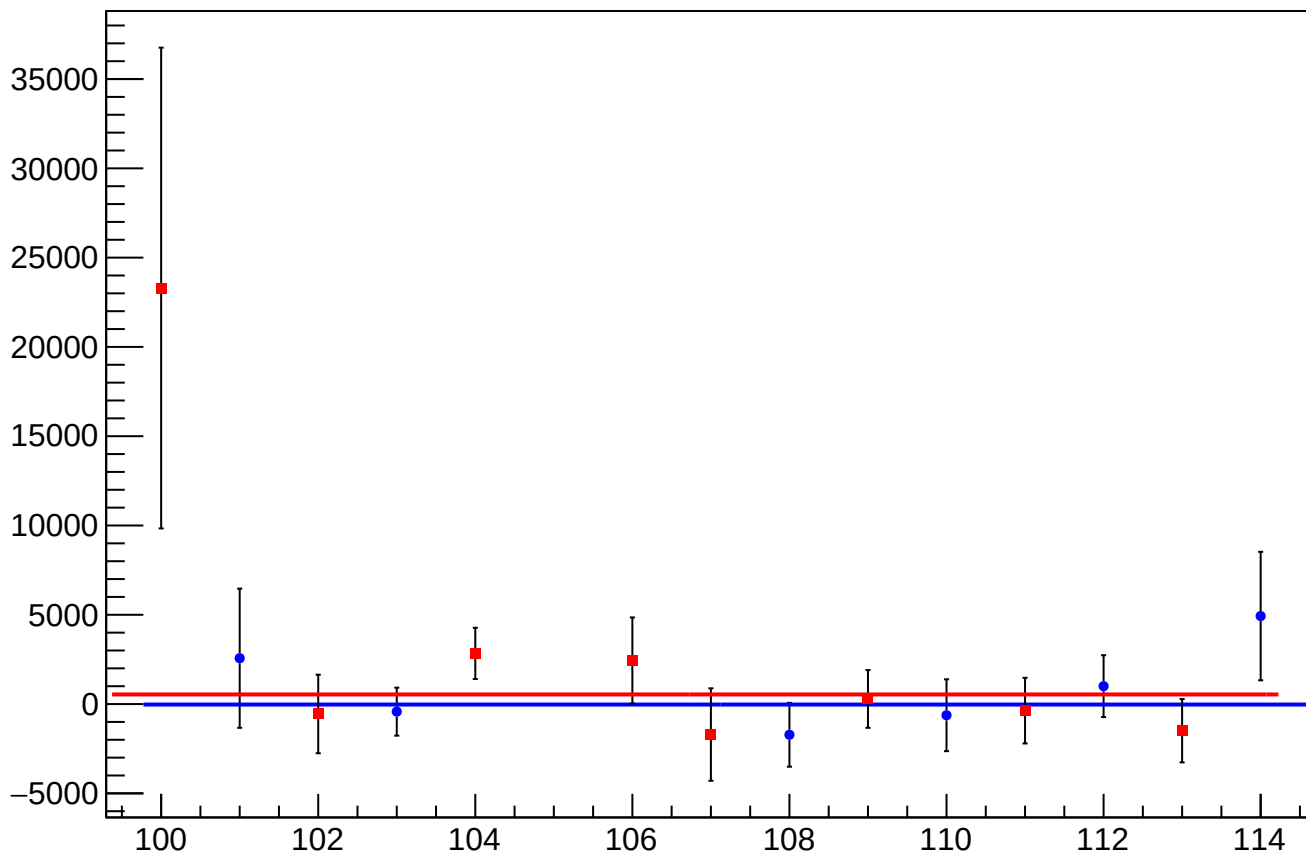
Right: 385.002+/-0.136 χ^2/NDF : 3144257.9/13

In: 395.894+/-0.206 χ^2/NDF : 1565744.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.002+/-0.136 χ^2/NDF : 3144257.9/13

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -27.185+/-793.029 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.099+/-704.183 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

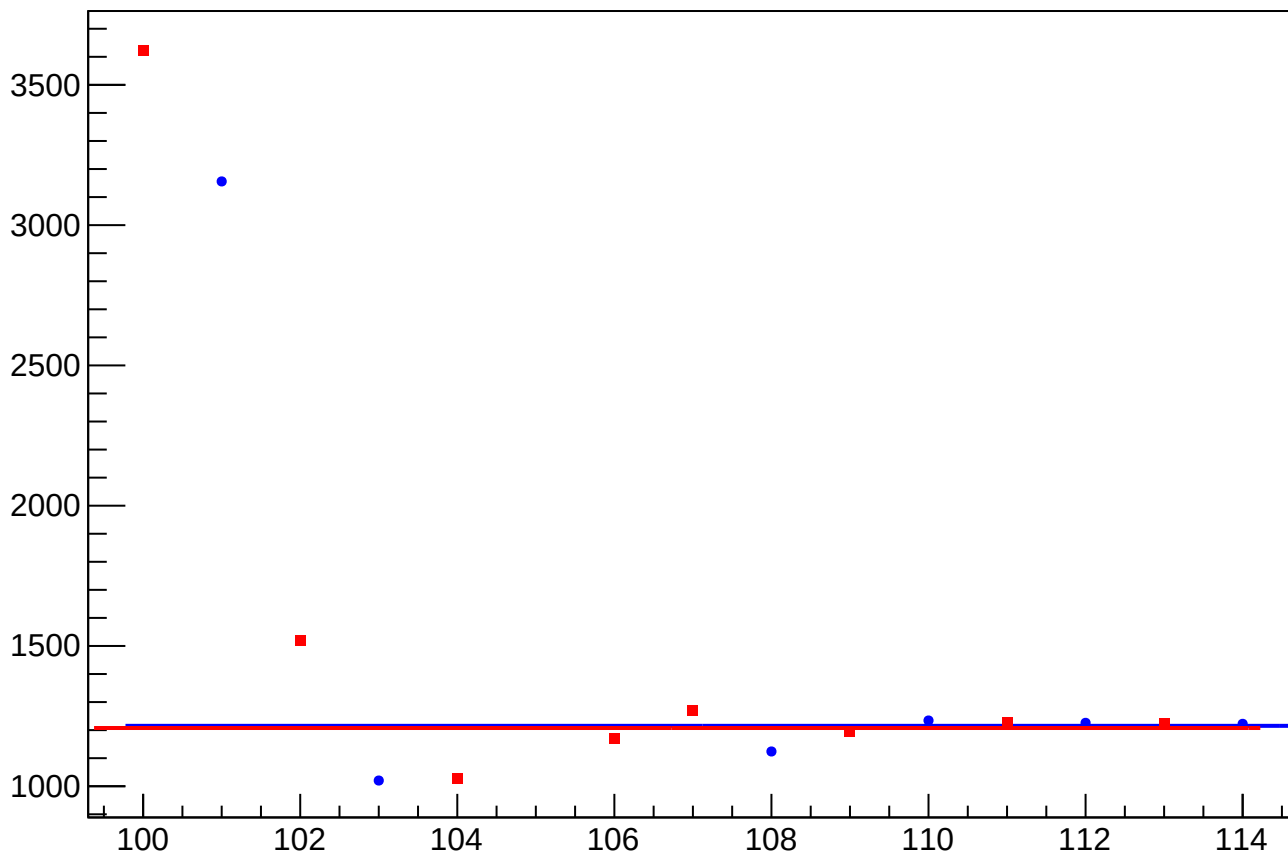
Right: 289.443+/-526.554 χ^2/NDF : 12.7/13

In: -27.185+/-793.029 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.443+/-526.554 χ^2/NDF : 12.7/13

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1215.292+/-0.561 χ^2/NDF : 543508.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1207.563+/-0.498 χ^2/NDF : 138602.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

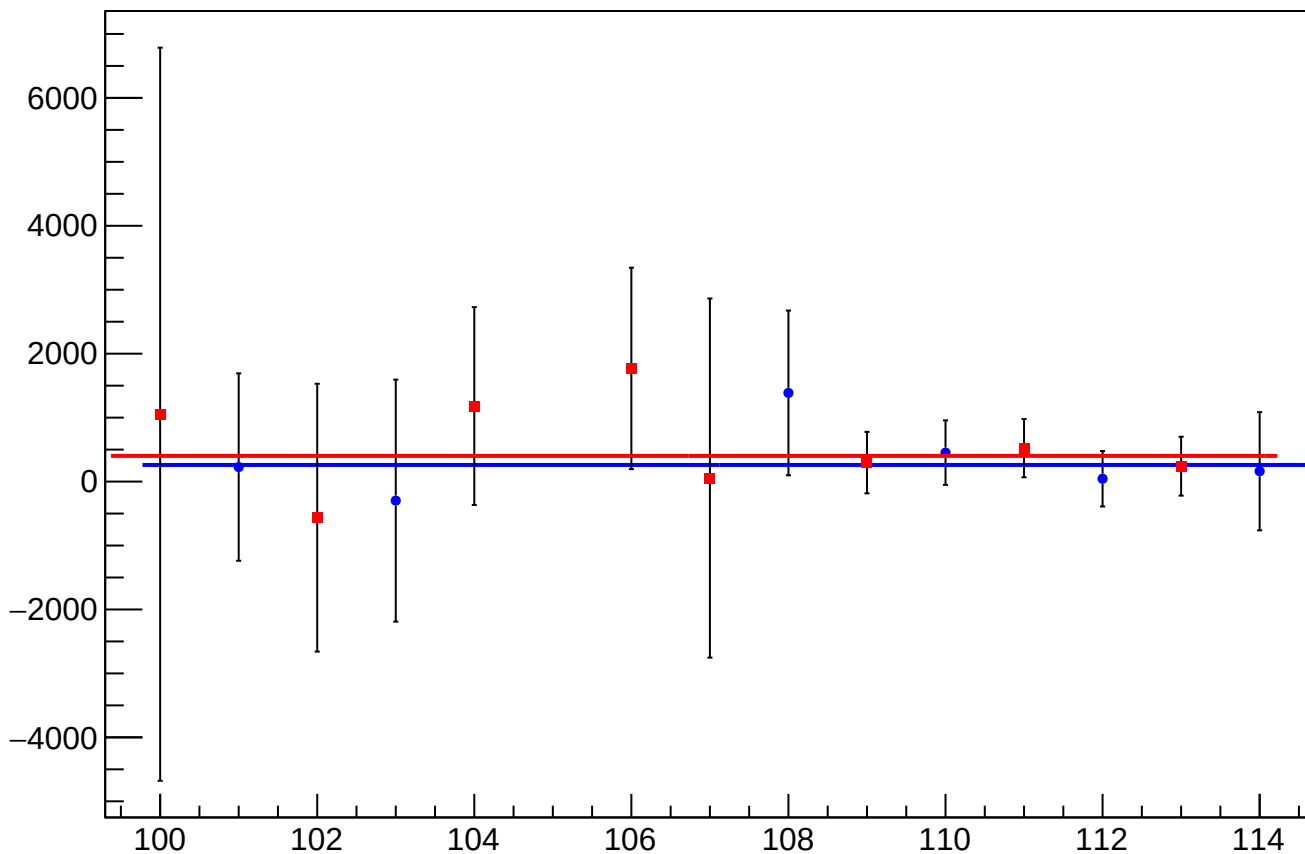
Right: 1210.971+/-0.372 χ^2/NDF : 682217.2/13

In: 1215.292+/-0.561 χ^2/NDF : 543508.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.971+/-0.372 χ^2/NDF : 682217.2/13

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 260.172+/-291.541 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.717+/-257.546 χ^2/NDF : 1.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

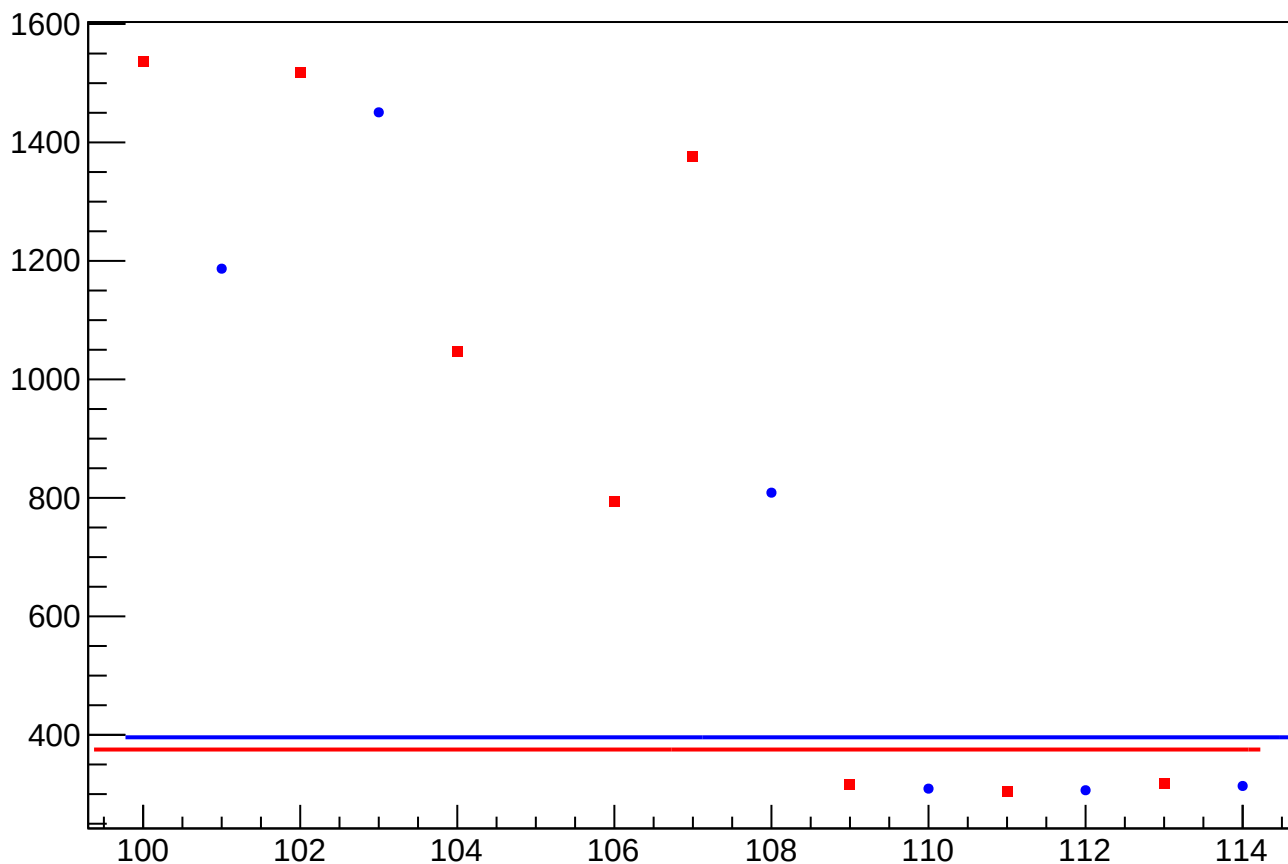
Right: 339.675+/-193.018 χ^2/NDF : 2.9/13

In: 260.172+/-291.541 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.675+/-193.018 χ^2/NDF : 2.9/13

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

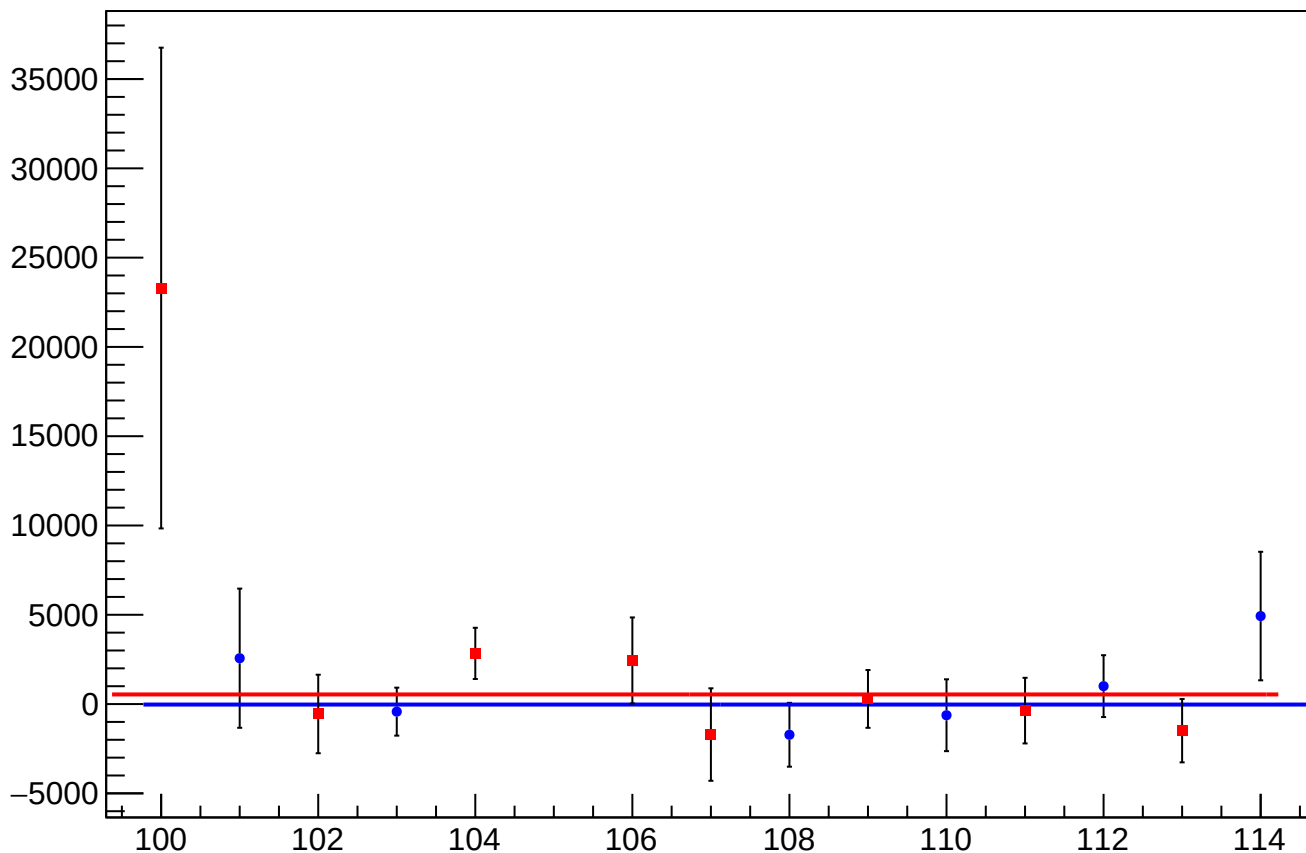
Right: 384.281+/-0.136 χ^2/NDF : 3135911.7/13

In: 395.870+/-0.206 χ^2/NDF : 1569406.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.281+/-0.136 χ^2/NDF : 3135911.7/13

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -27.185+/-793.029 χ^2/NDF : 3.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.099+/-704.183 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

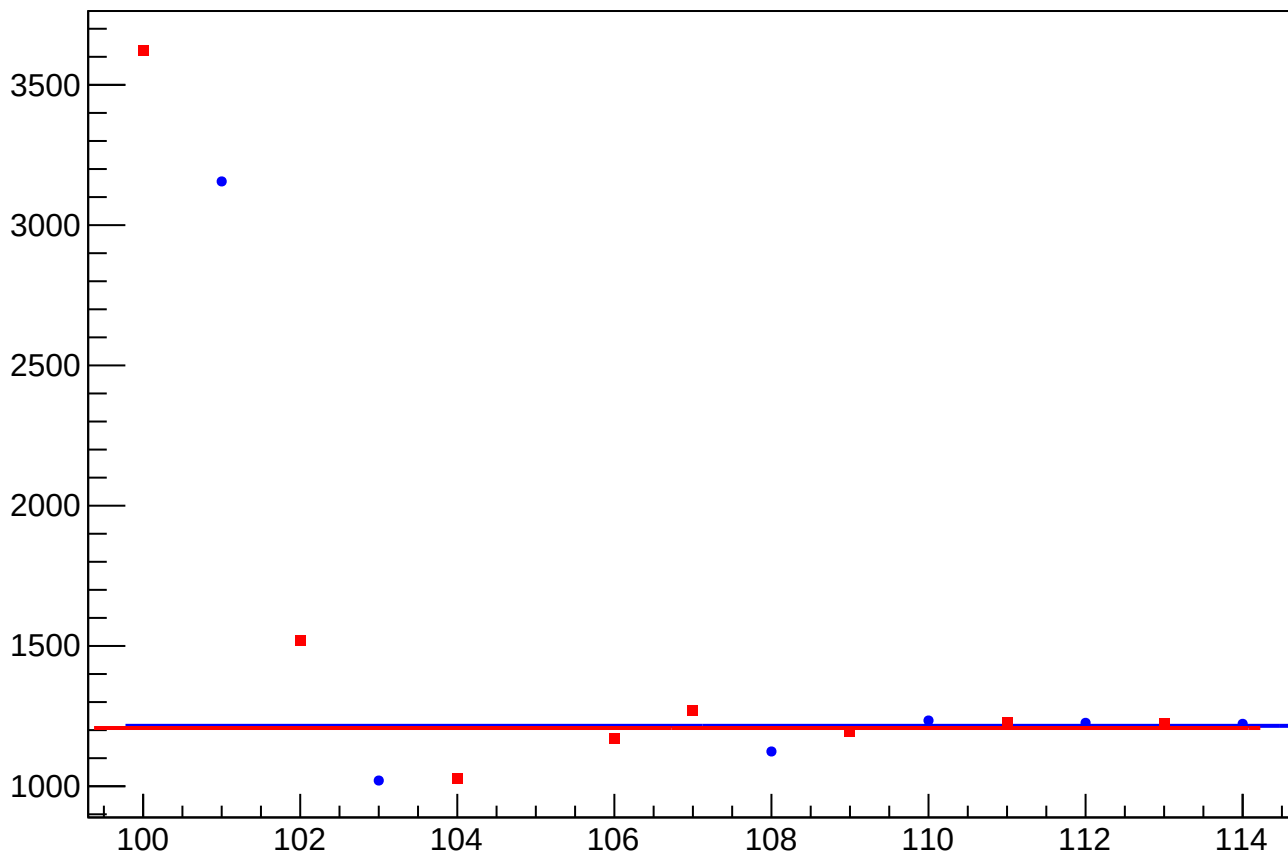
Right: 289.443+/-526.554 χ^2/NDF : 12.7/13

In: -27.185+/-793.029 χ^2/NDF : 3.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.443+/-526.554 χ^2/NDF : 12.7/13

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1215.292+/-0.561 χ^2/NDF : 543508.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1207.563+/-0.498 χ^2/NDF : 138602.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

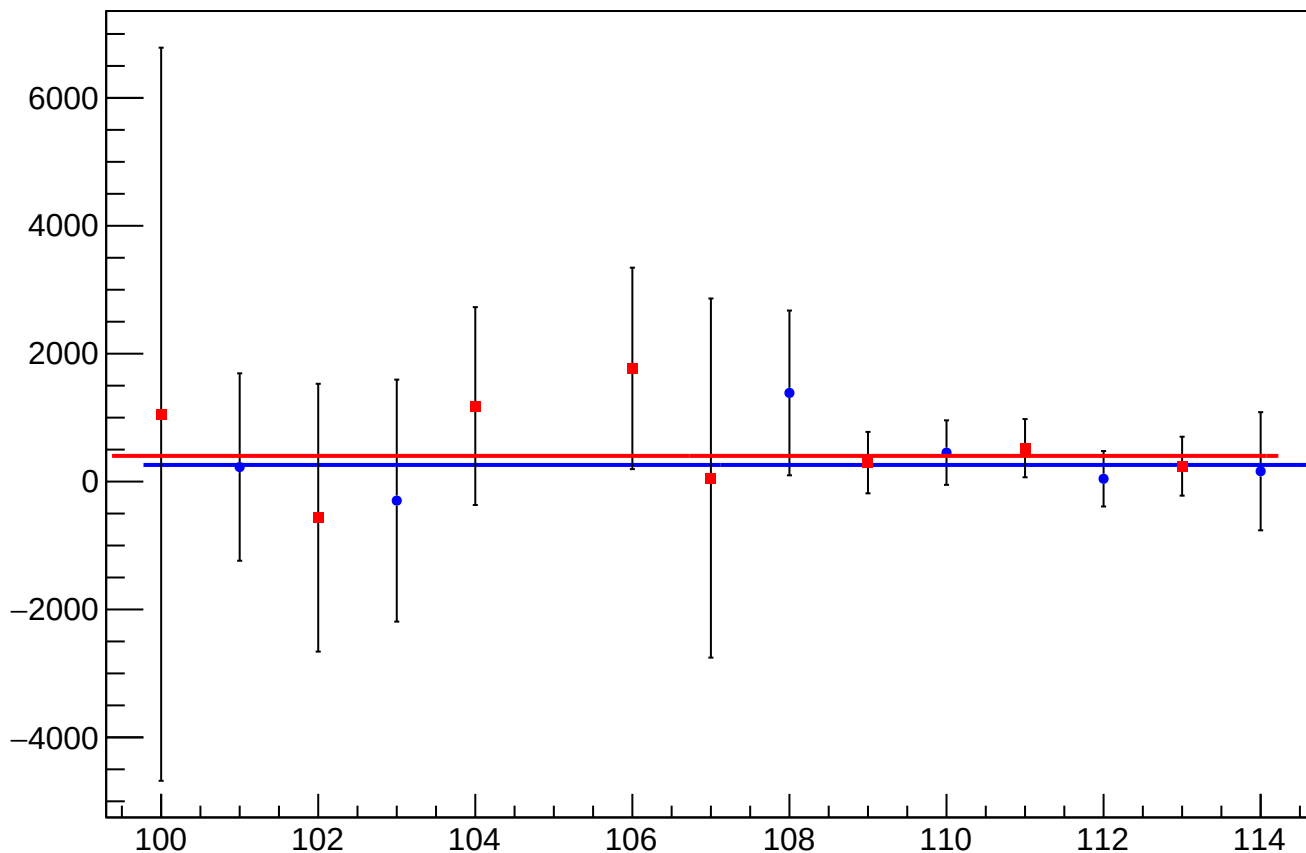
Right: 1210.971+/-0.372 χ^2/NDF : 682217.2/13

In: 1215.292+/-0.561 χ^2/NDF : 543508.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.971+/-0.372 χ^2/NDF : 682217.2/13

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 260.172+/-291.541 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.717+/-257.546 χ^2/NDF : 1.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

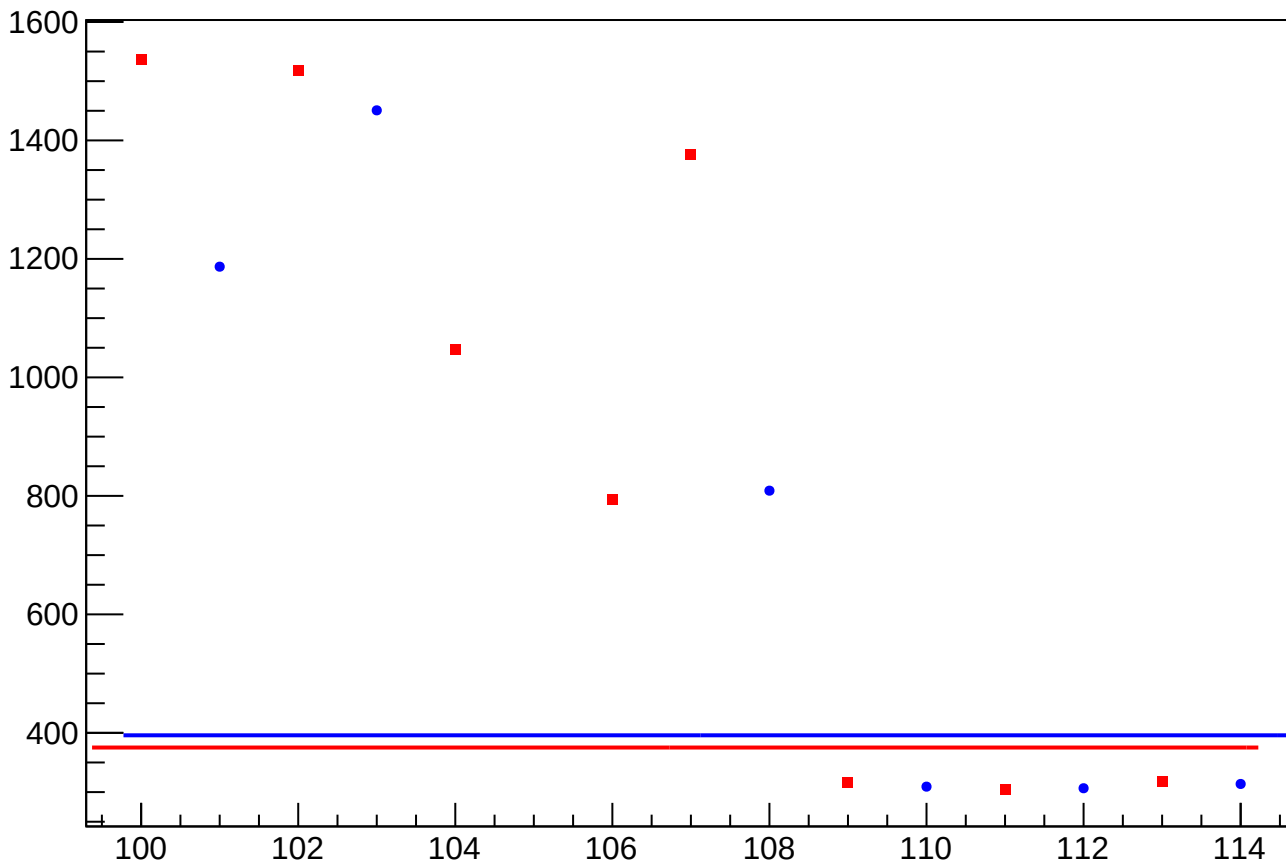
Right: 339.675+/-193.018 χ^2/NDF : 2.9/13

In: 260.172+/-291.541 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.675+/-193.018 χ^2/NDF : 2.9/13

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

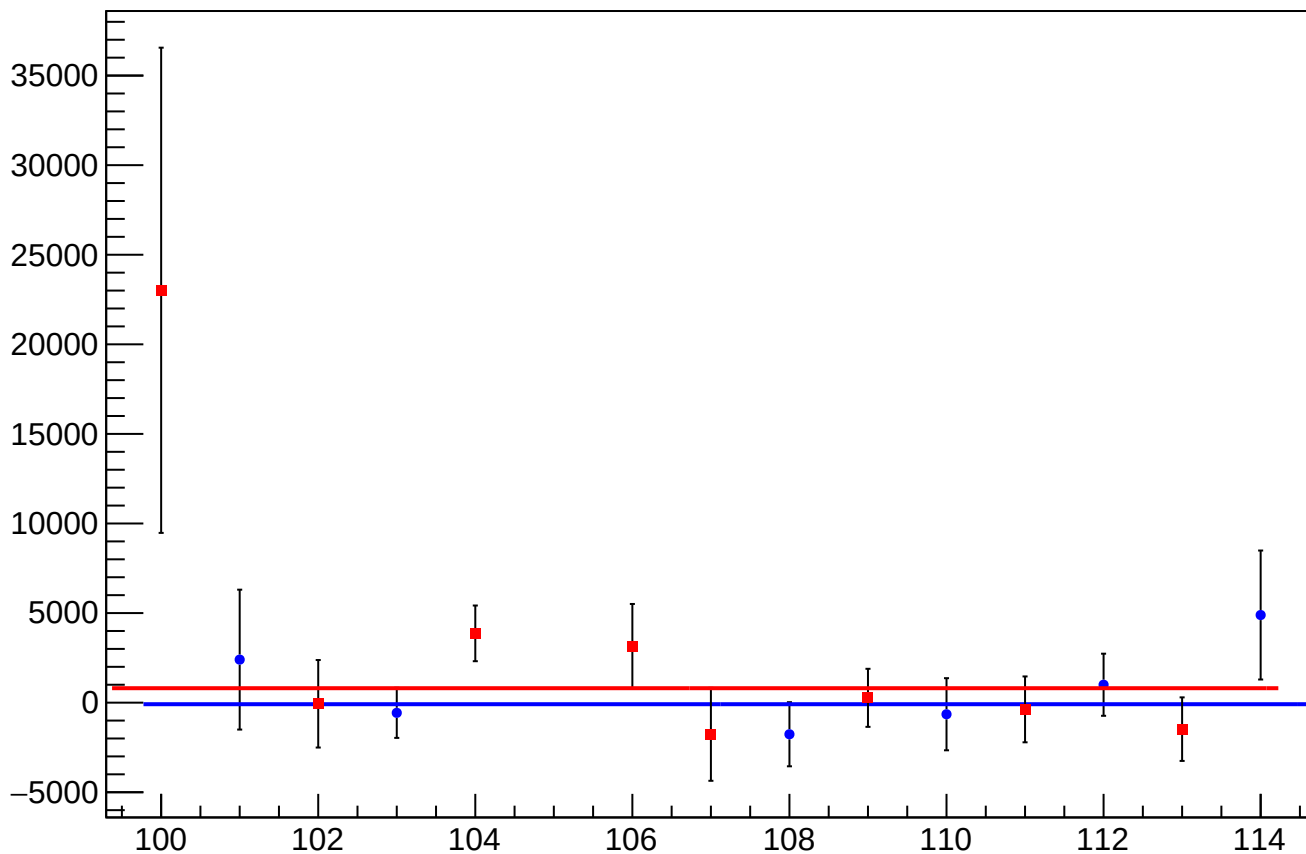
Right: 384.281+/-0.136 χ^2/NDF : 3135911.7/13

In: 395.870+/-0.206 χ^2/NDF : 1569406.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.281+/-0.136 χ^2/NDF : 3135911.7/13

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

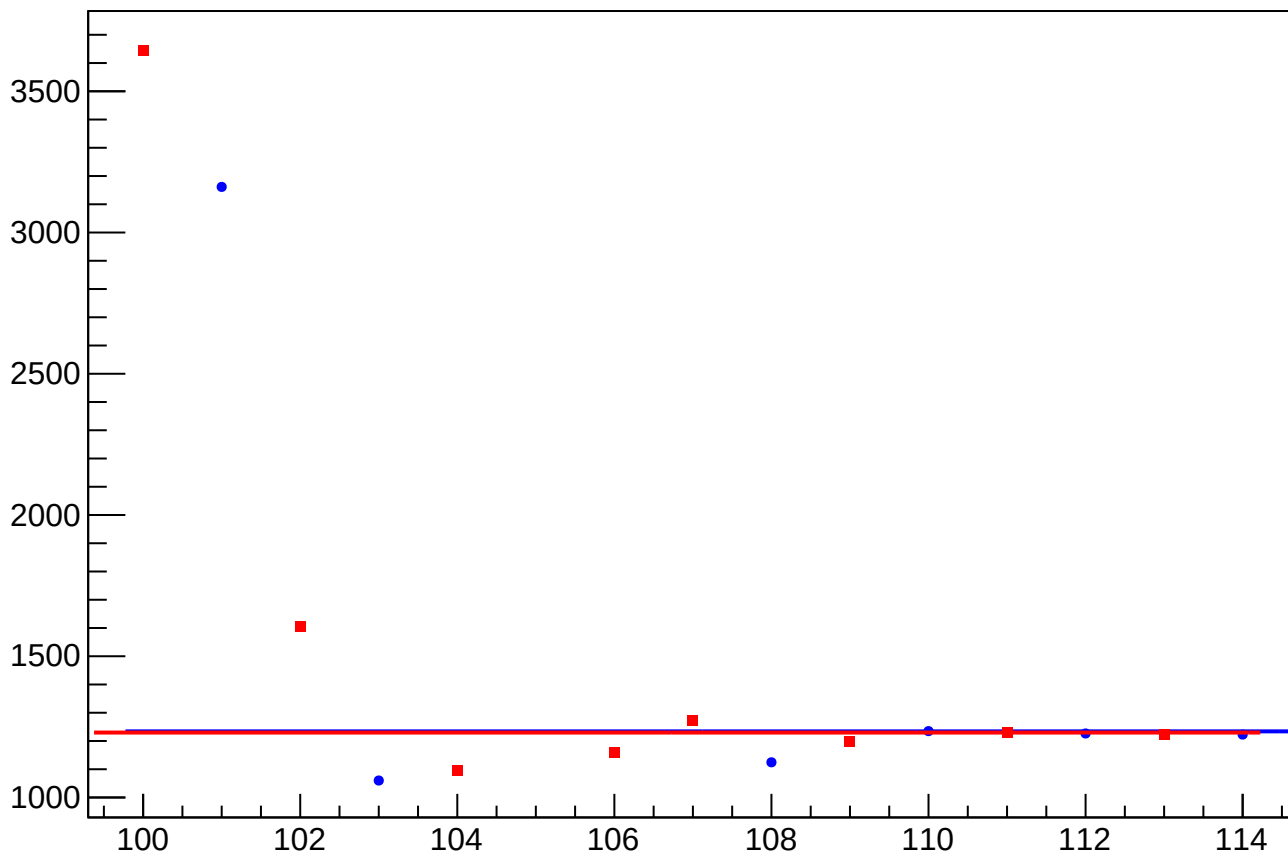
Right: 406.915 ± 537.830 χ^2/NDF : 15.3/13

In: -86.657 ± 804.099 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 406.915 ± 537.830 χ^2/NDF : 15.3/13

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

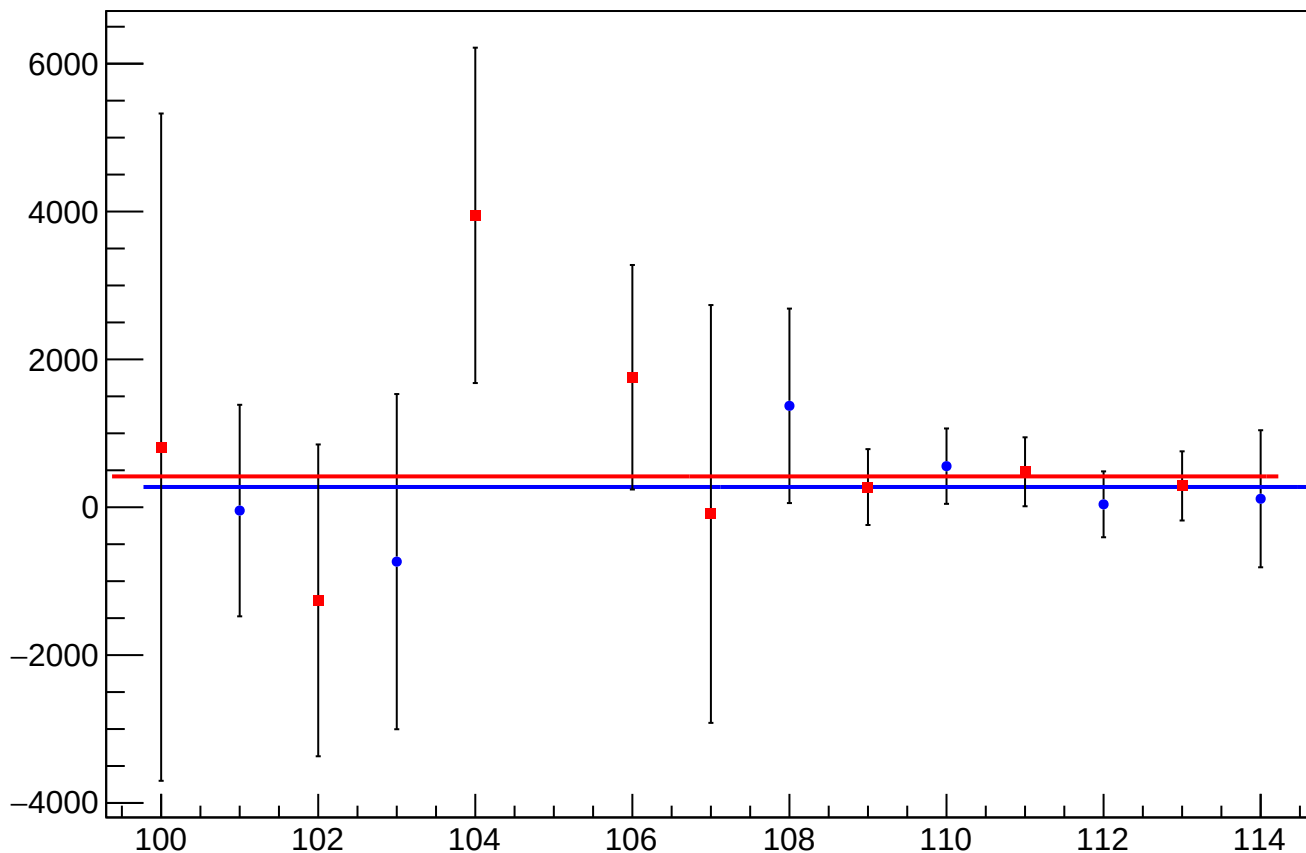
Right: 1231.769+/-0.380 χ^2/NDF : 655278.2/13

In: 1234.093+/-0.569 χ^2/NDF : 526015.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.769+/-0.380 χ^2/NDF : 655278.2/13

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 274.080+/-297.396 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.174+/-267.339 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

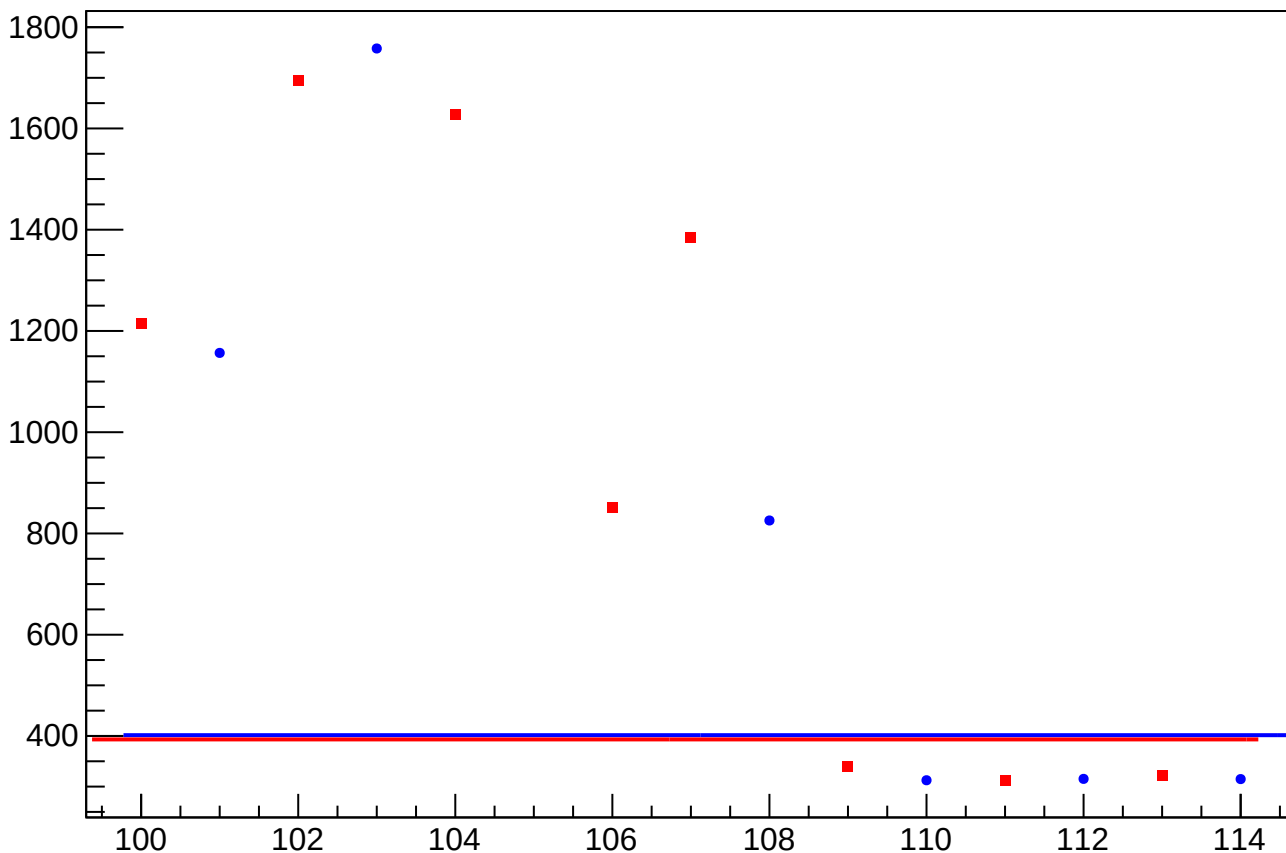
Right: 353.221+/-198.817 χ^2/NDF : 5.7/13

In: 274.080+/-297.396 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.221+/-198.817 χ^2/NDF : 5.7/13

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

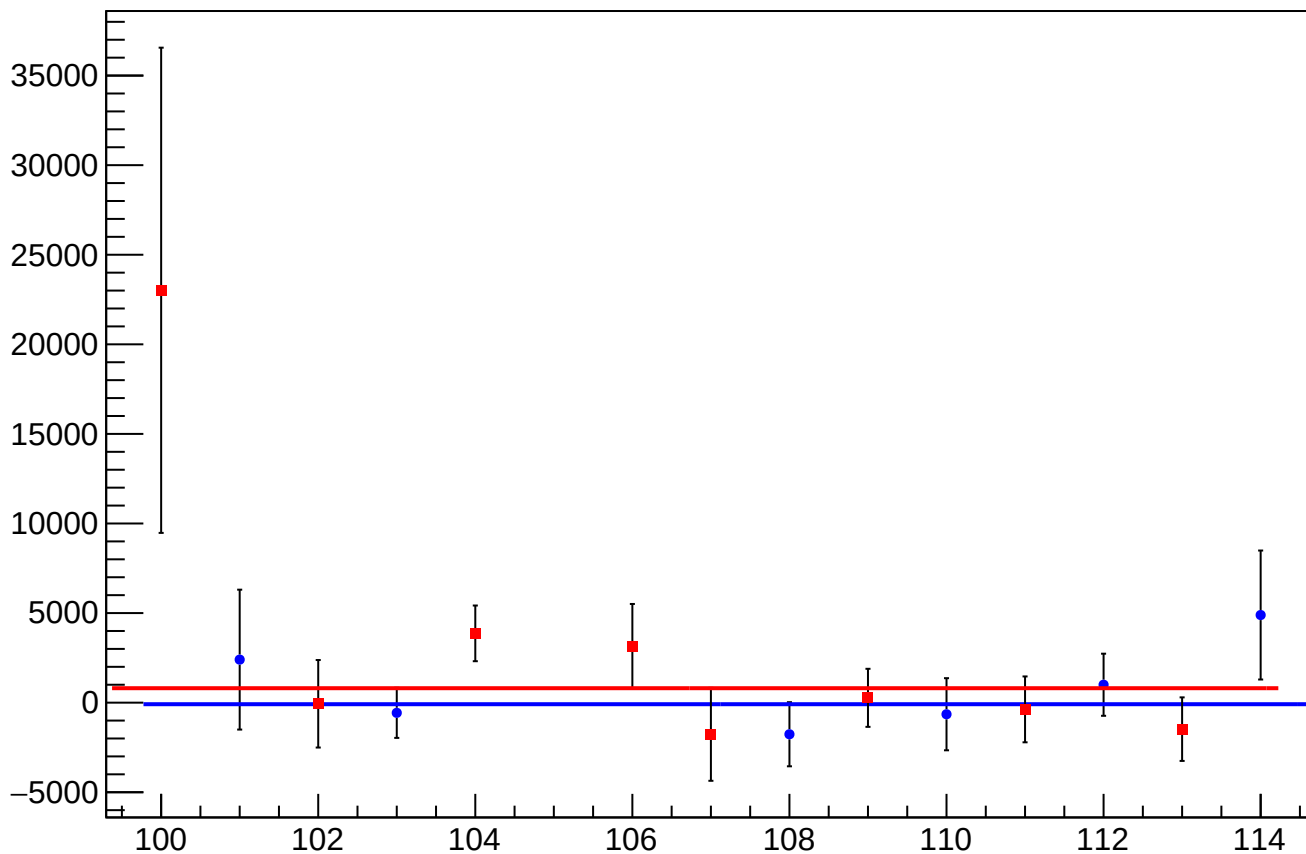
Right: 396.938+/-0.141 χ^2/NDF : 3613189.5/13

In: 401.563+/-0.210 χ^2/NDF : 1634462.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.938+/-0.141 χ^2/NDF : 3613189.5/13

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

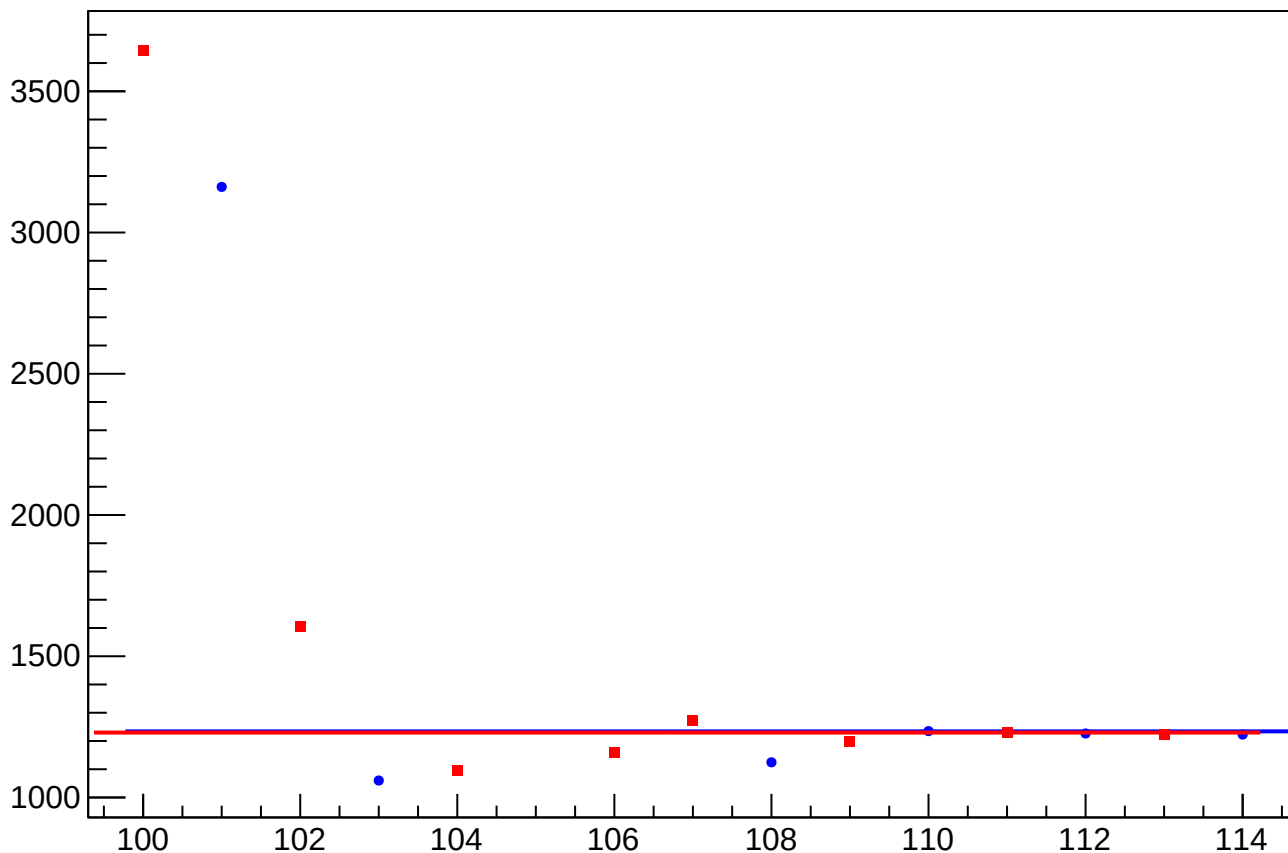
Right: 406.912 ± 537.830 χ^2/NDF : 15.3/13

In: -86.660 ± 804.099 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 406.912 ± 537.830 χ^2/NDF : 15.3/13

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1234.093+/-0.569 χ^2/NDF : 526015.8/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

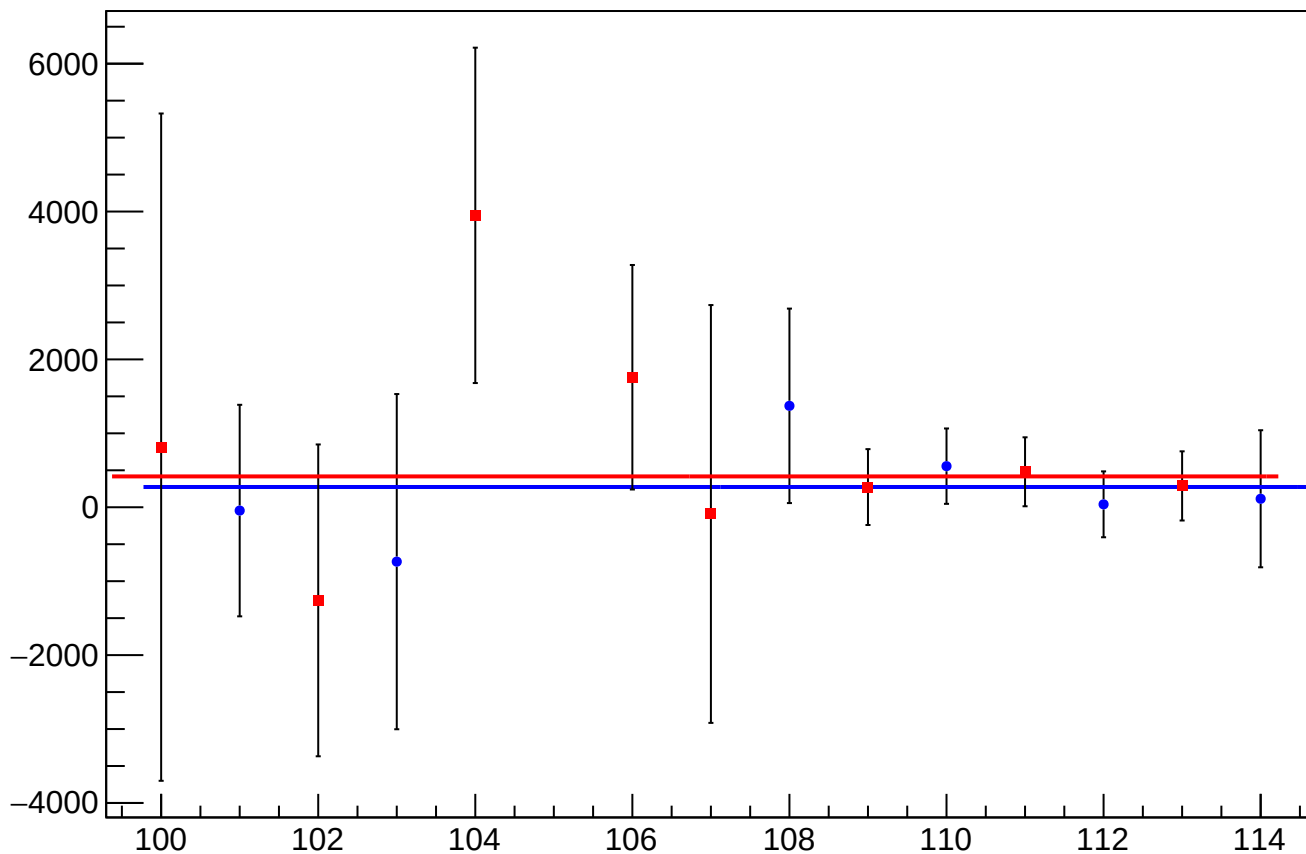
Right: 1231.769+/-0.380 χ^2/NDF : 655278.2/13

In: 1234.093+/-0.569 χ^2/NDF : 526015.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.769+/-0.380 χ^2/NDF : 655278.2/13

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

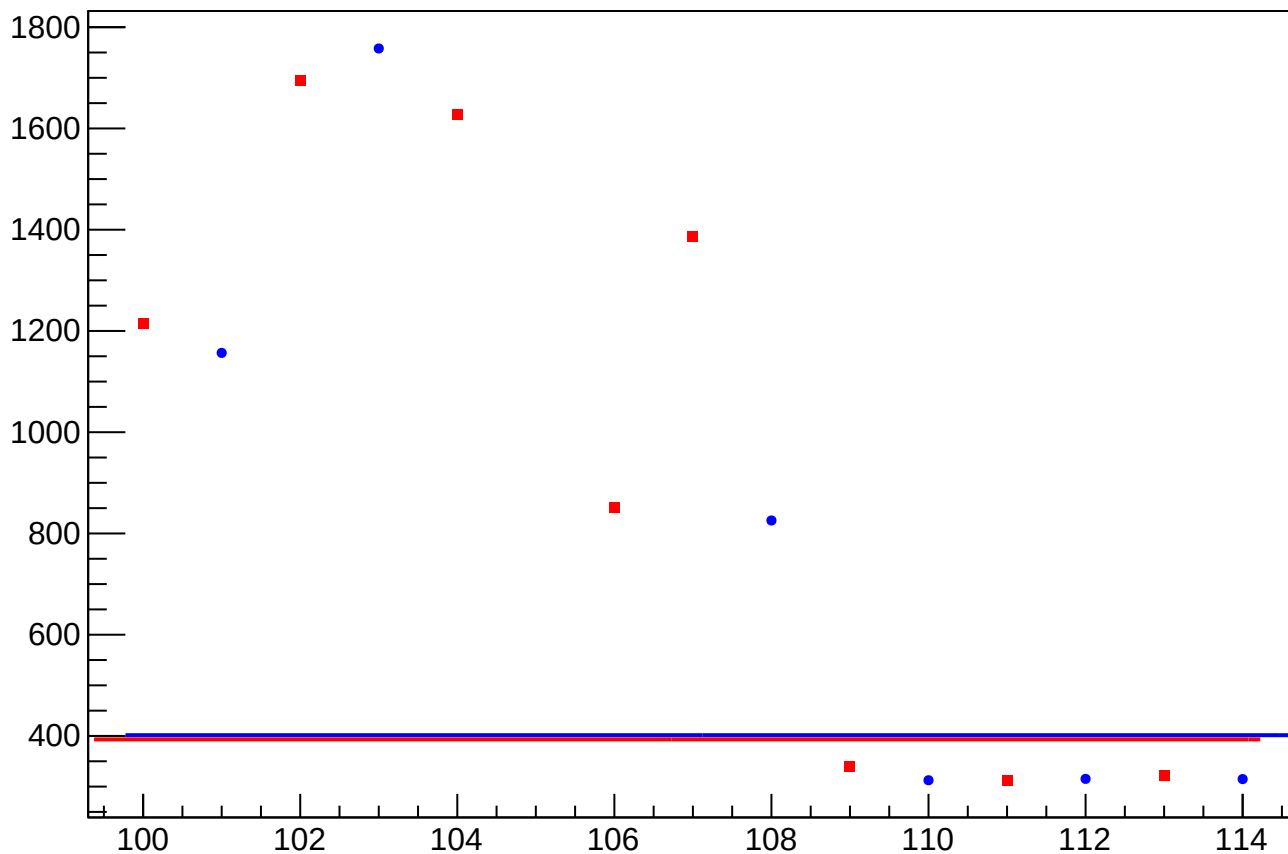
Right: 353.216+/-198.816 χ^2/NDF : 5.7/13

In: 274.073+/-297.395 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.216+/-198.816 χ^2/NDF : 5.7/13

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

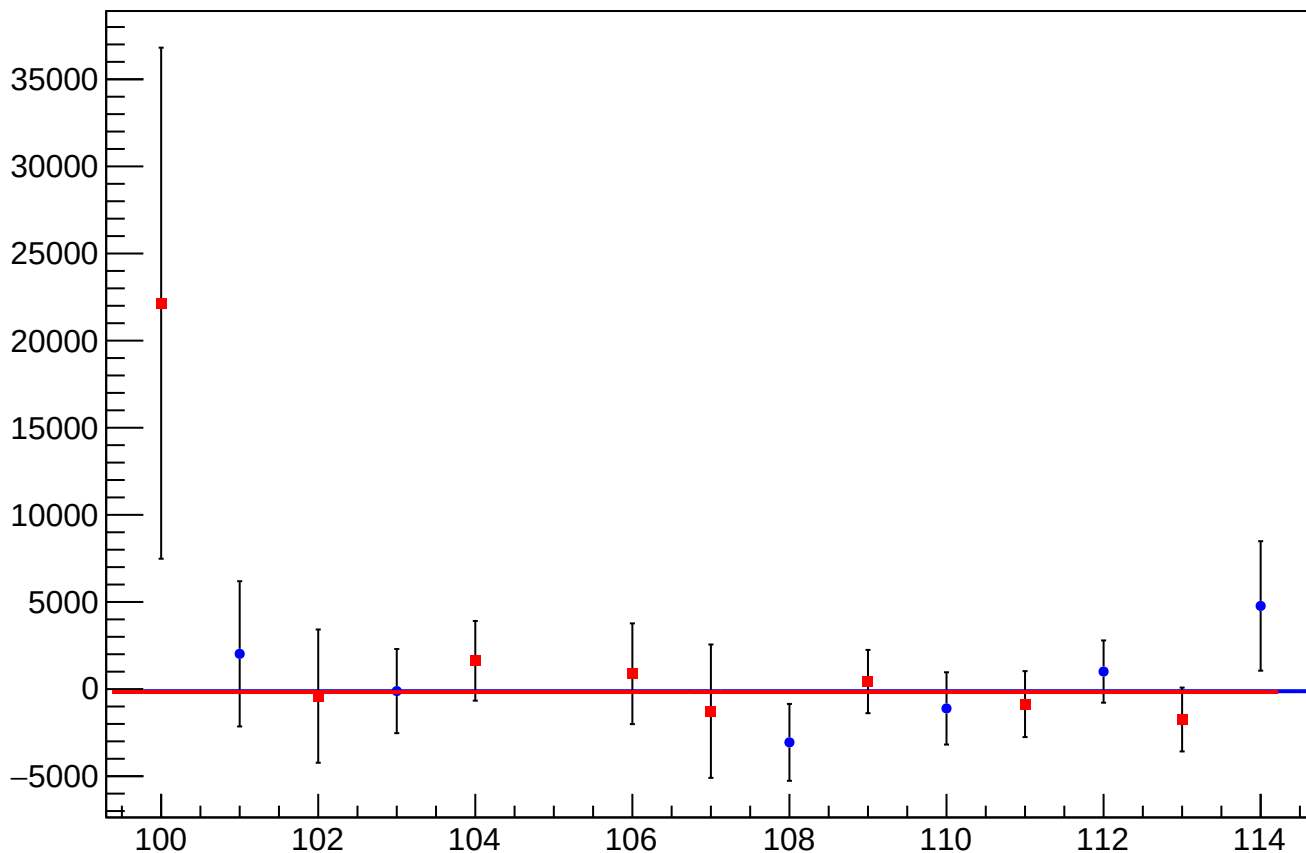
Right: 396.934+/-0.141 χ^2/NDF : 3613214.0/13

In: 401.561+/-0.210 χ^2/NDF :1634470.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 396.934+/-0.141 χ^2/NDF : 3613214.0/13

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

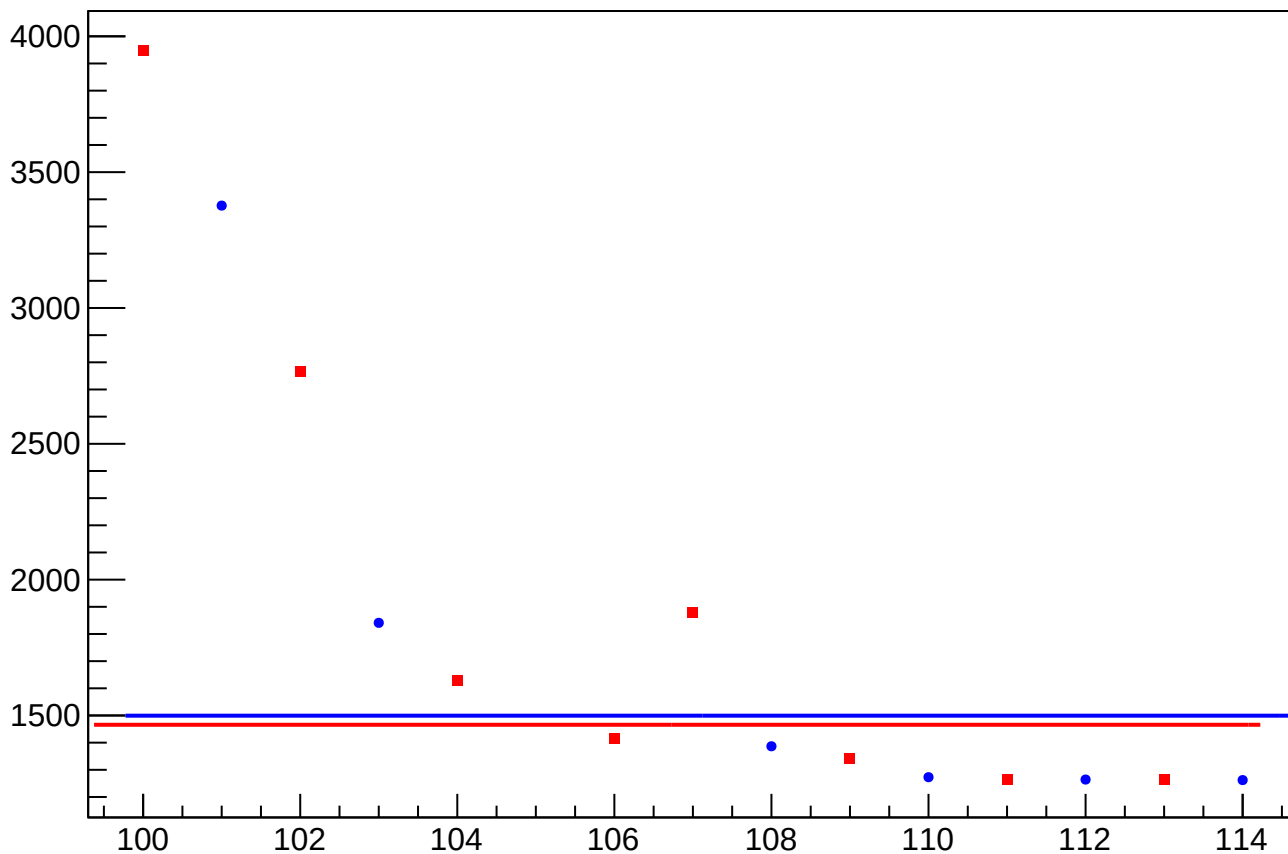
Right: -148.259+/-647.532 χ^2 /NDF: 8.5/13

In: -121.943+/-974.762 χ^2 /NDF:4.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -148.259+/-647.532 χ^2 /NDF: 8.5/13

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

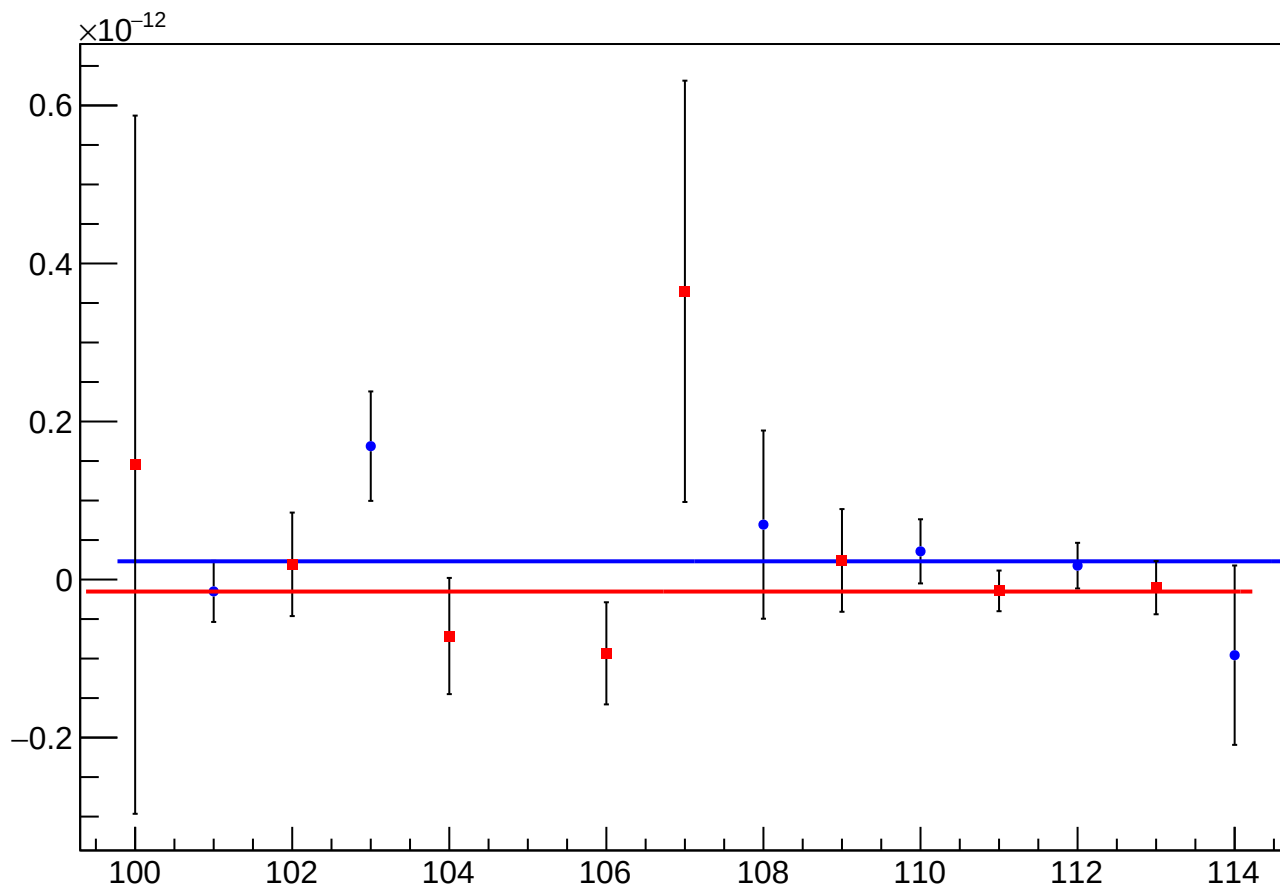
Right: 1480.580+/-0.458 χ^2/NDF : 896384.9/13

In: 1499.280+/-0.689 χ^2/NDF : 517531.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.580+/-0.458 χ^2/NDF : 896384.9/13

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

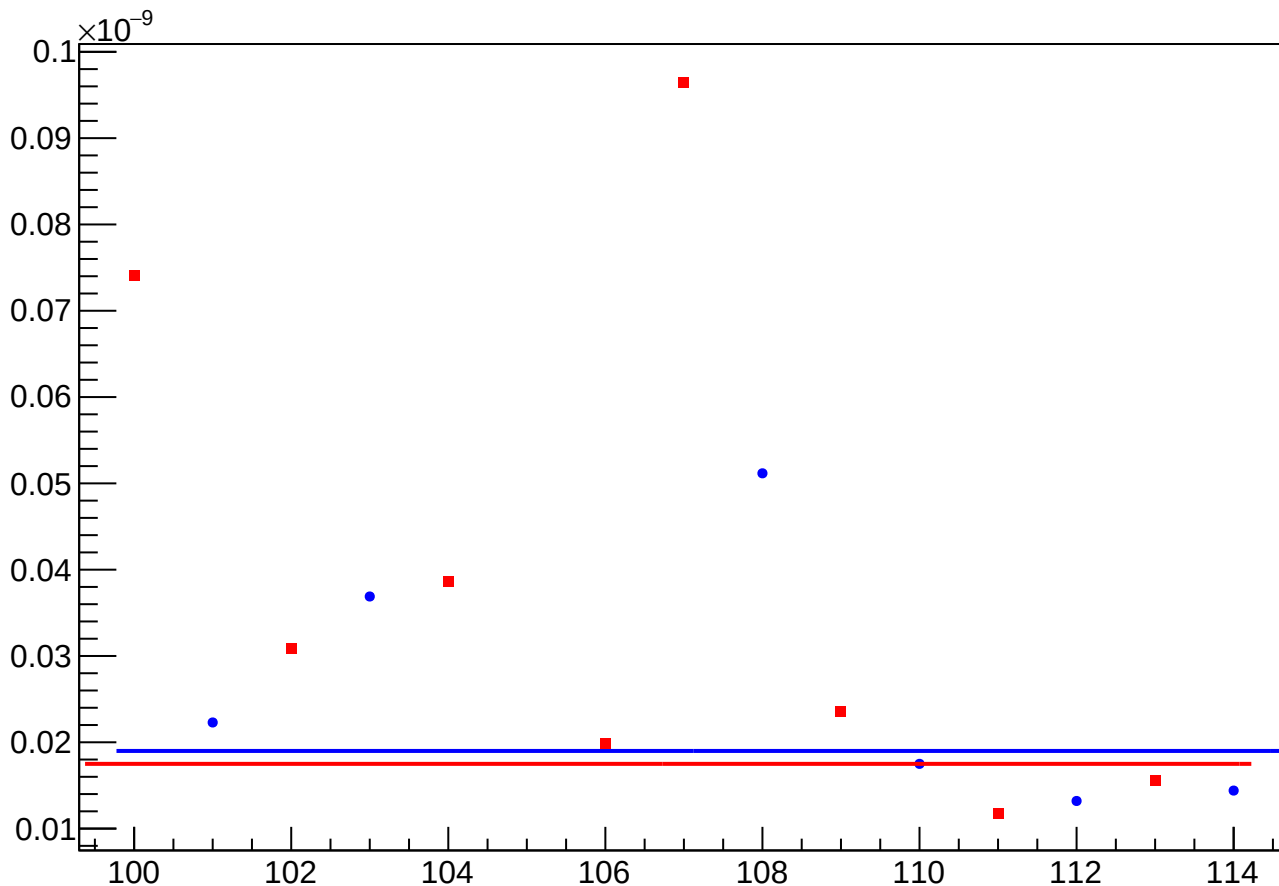
Right: 0.000+/-0.000 χ^2/NDF : 13.9/13

In: 0.000+/-0.000 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/13

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

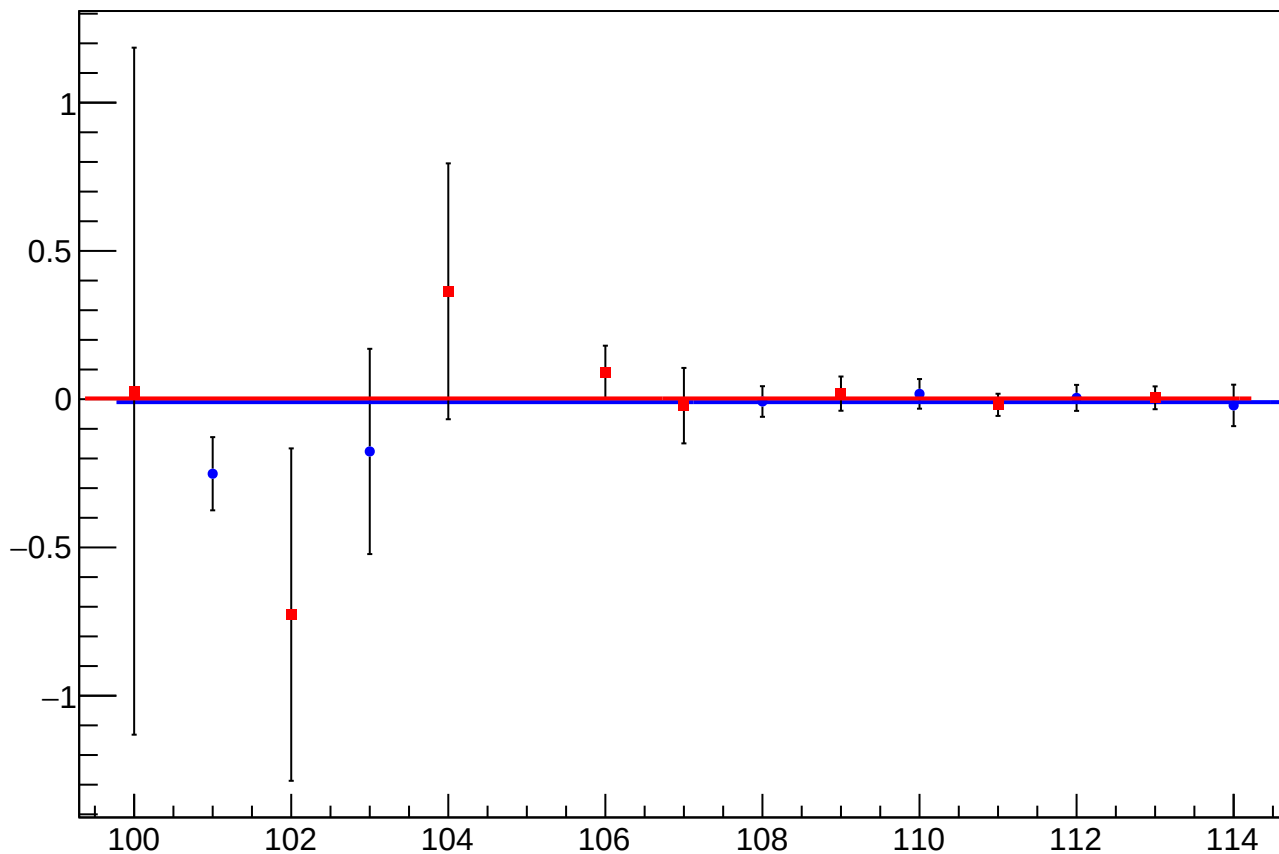
Right: 0.000+/-0.000 χ^2/NDF : 969959.9/13

In: 0.000+/-0.000 χ^2/NDF : 380506.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 969959.9/13

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

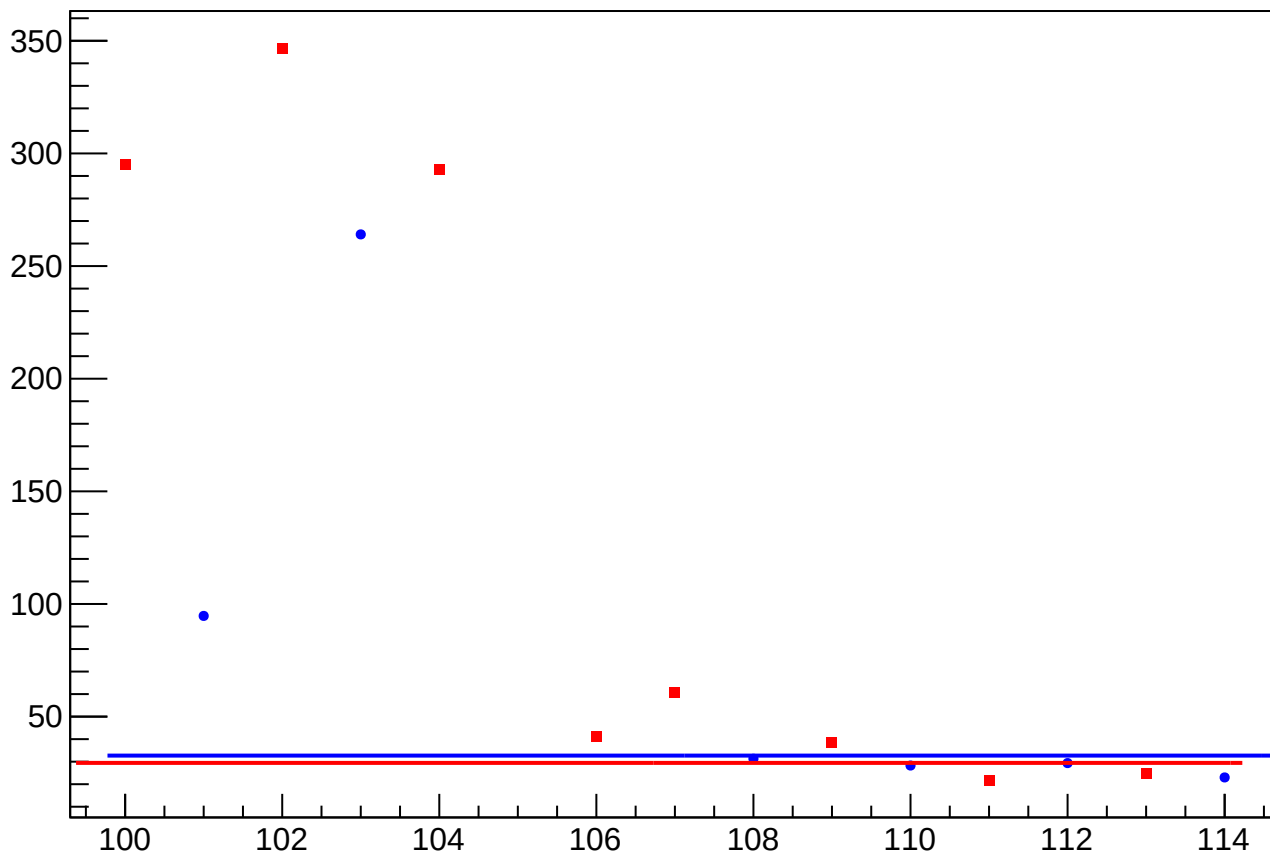
Right: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

In: -0.010 $\pm$ 0.025 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.697+/-0.018 χ^2/NDF : 1465526.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.456+/-0.016 χ^2/NDF : 1813565.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

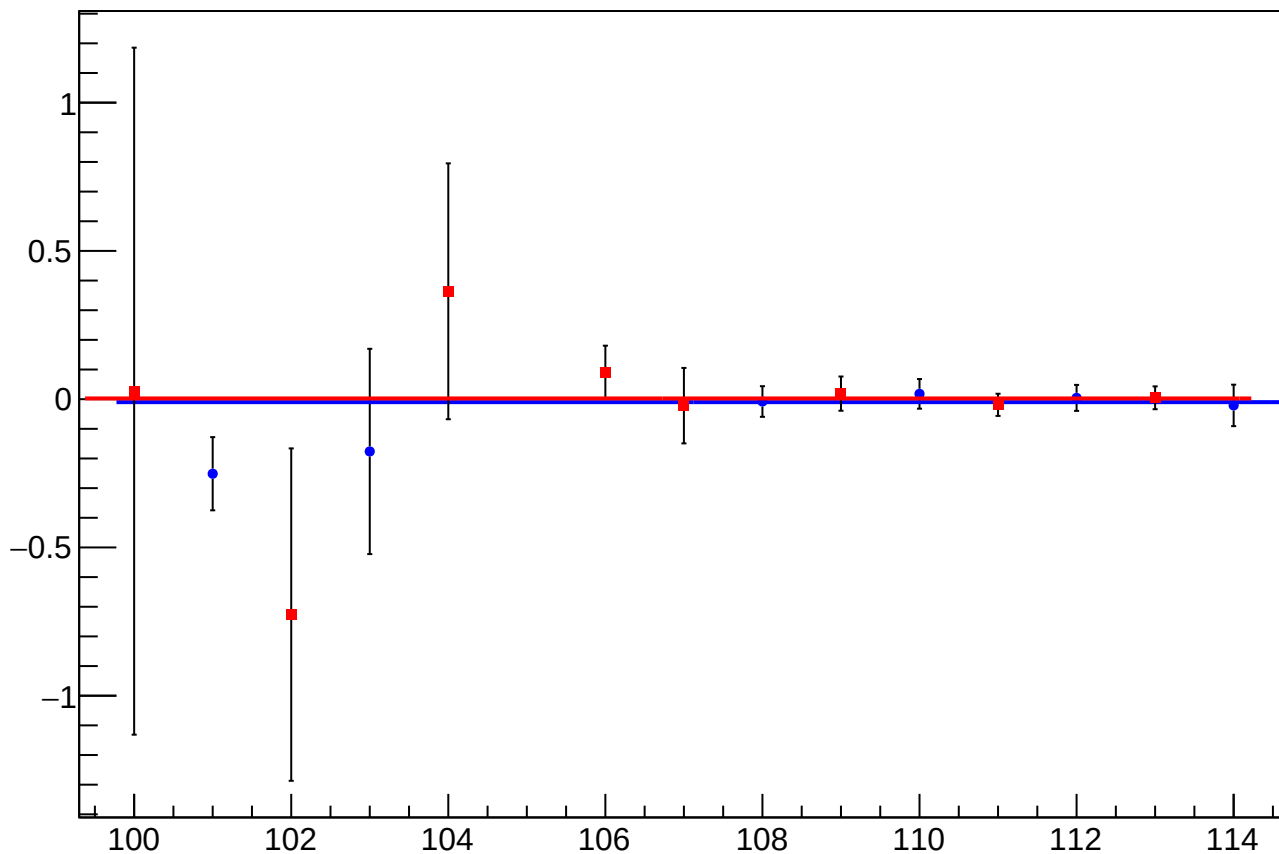
Right: 30.931+/-0.012 χ^2/NDF : 3297116.7/13

In: 32.697+/-0.018 χ^2/NDF : 1465526.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.931+/-0.012 χ^2/NDF : 3297116.7/13

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

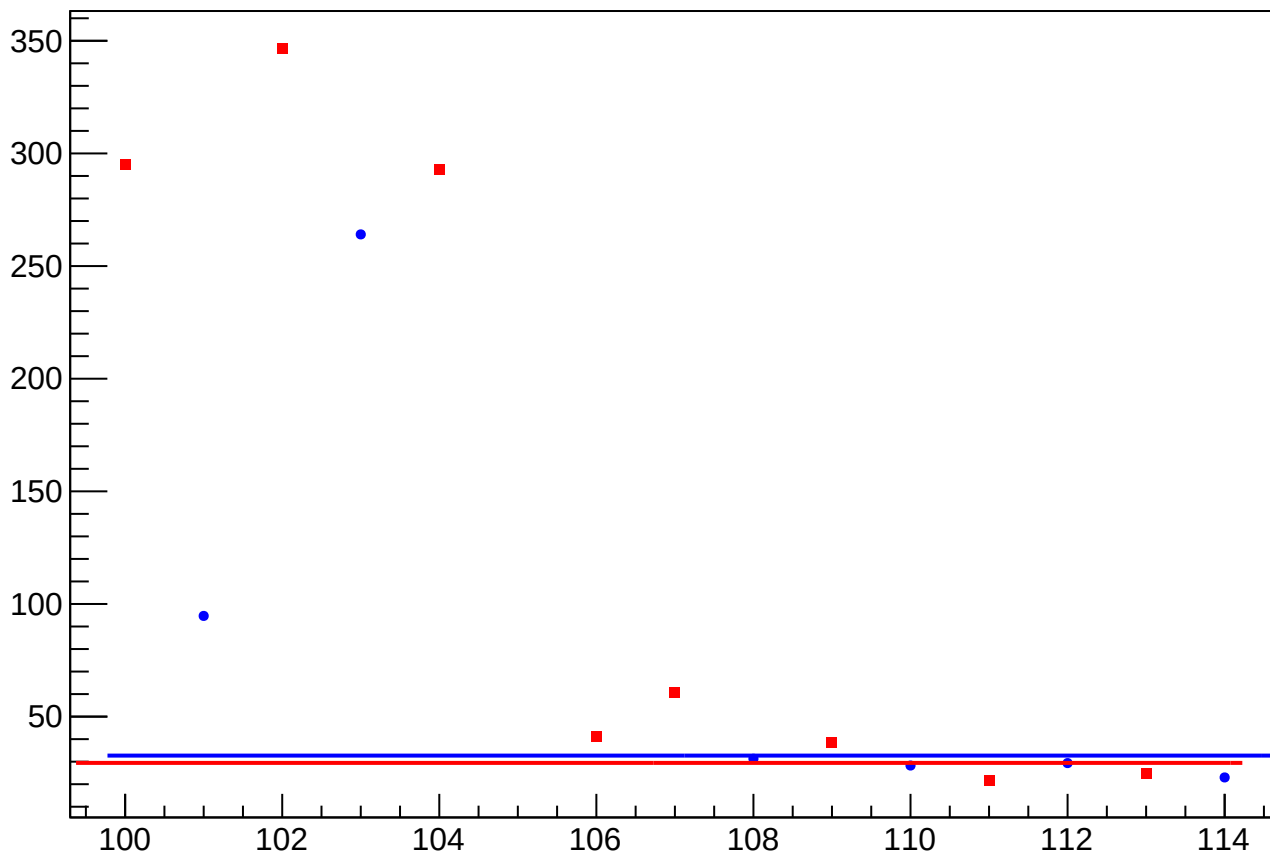
Right: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

In: -0.010 $\pm$ 0.025 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.697+/-0.018 χ^2/NDF : 1465526.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.456+/-0.016 χ^2/NDF : 1813565.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

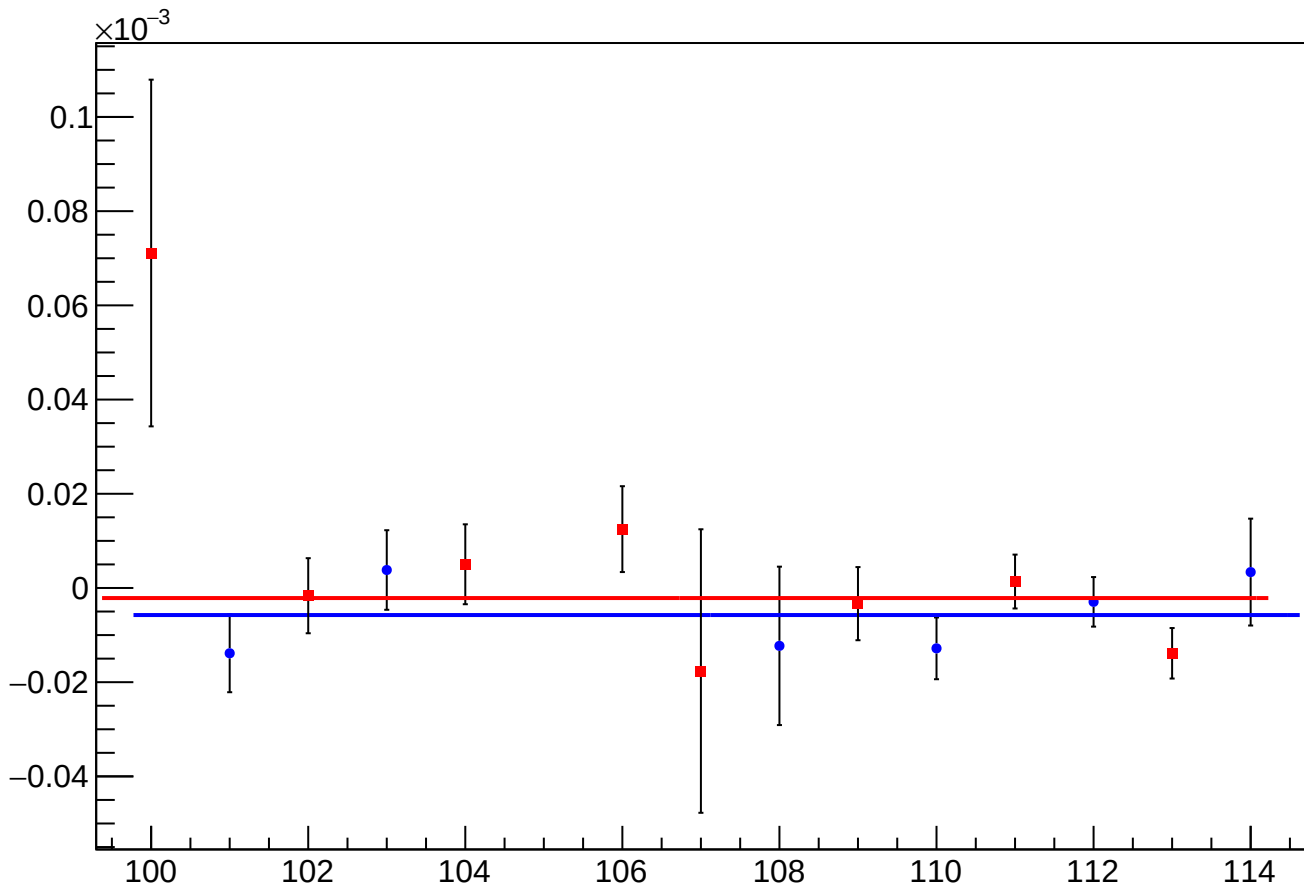
Right: 30.931+/-0.012 χ^2/NDF : 3297116.7/13

In: 32.697+/-0.018 χ^2/NDF :1465526.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.931+/-0.012 χ^2/NDF : 3297116.7/13

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

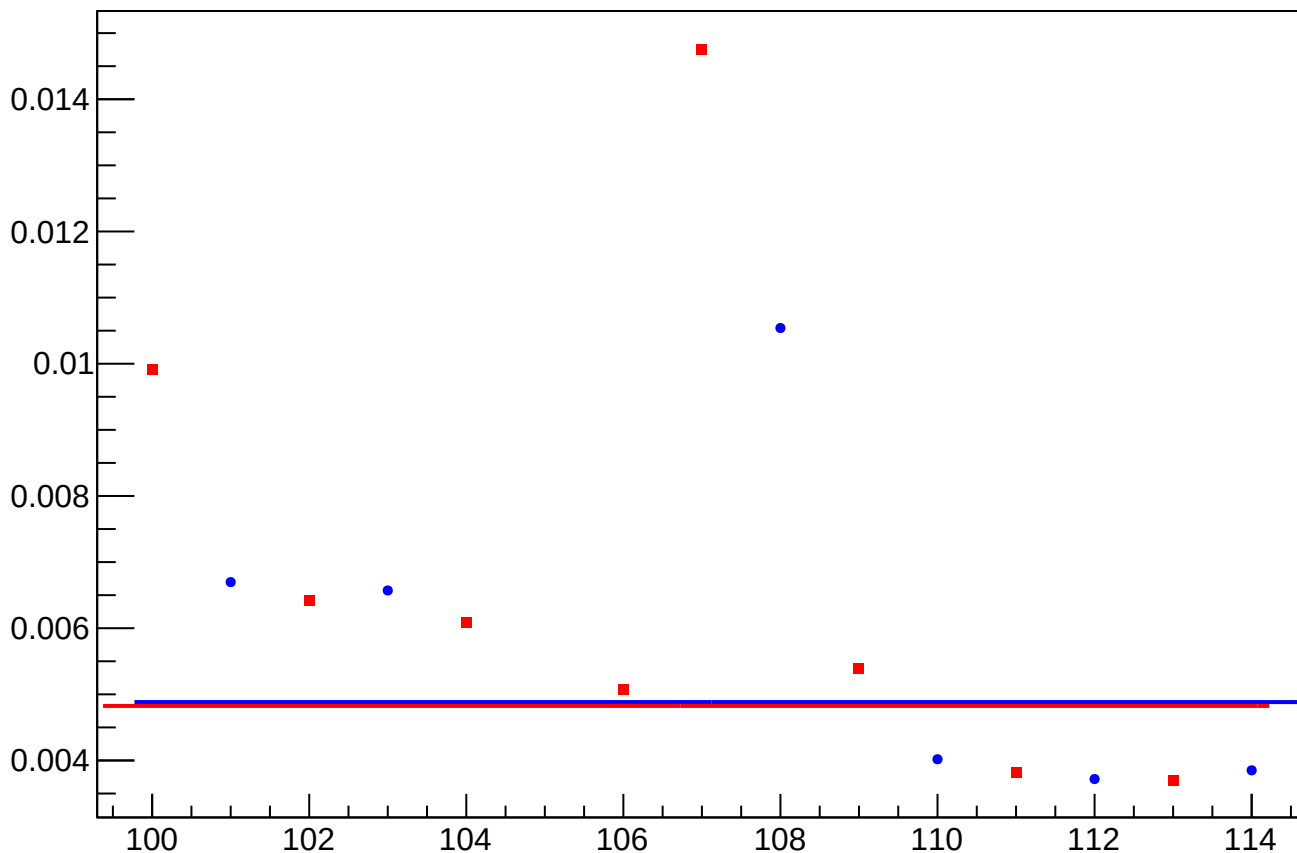
Right: -0.000+/-0.000 χ^2/NDF : 17.9/13

In: -0.000+/-0.000 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.9/13

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

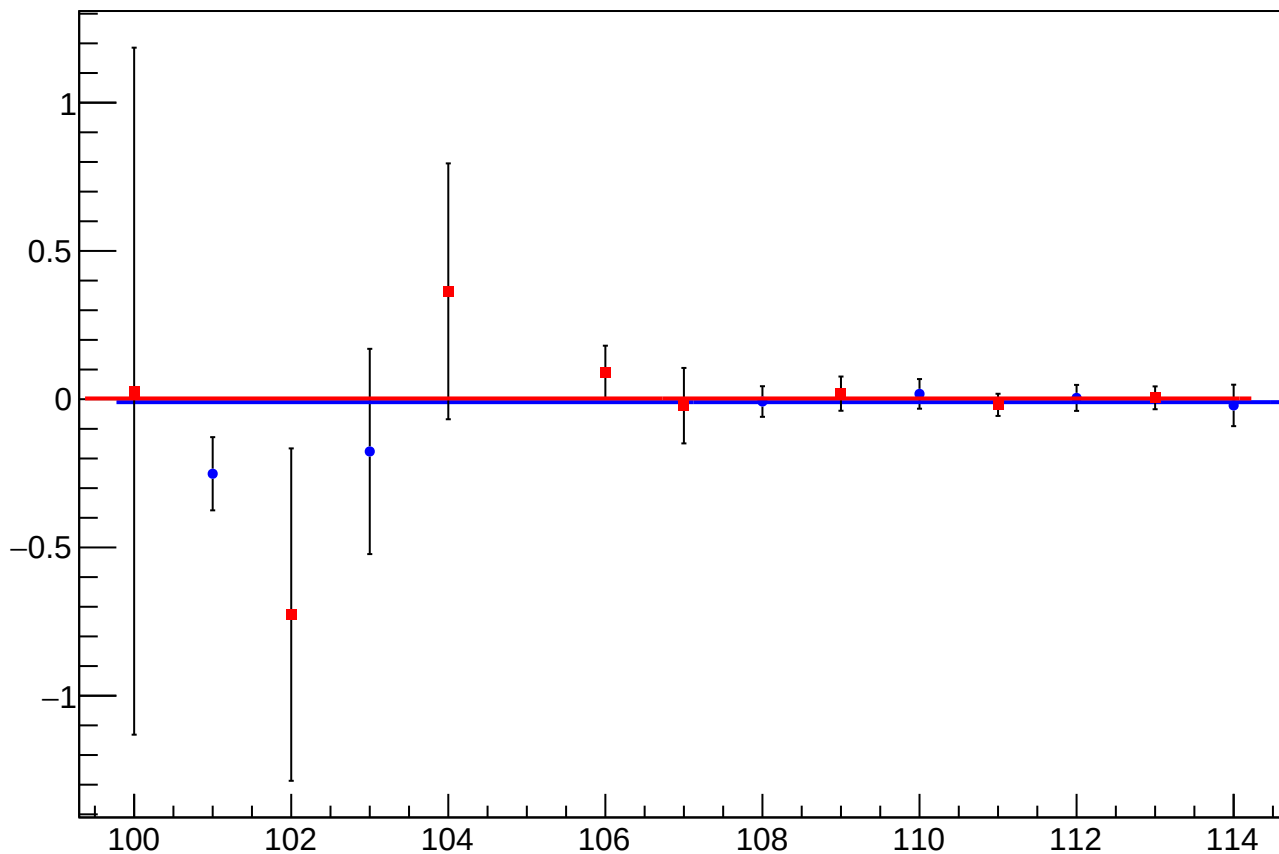
Right: 0.005+/-0.000 χ^2/NDF : 1095260.8/13

In: 0.005+/-0.000 χ^2/NDF : 551528.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1095260.8/13

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

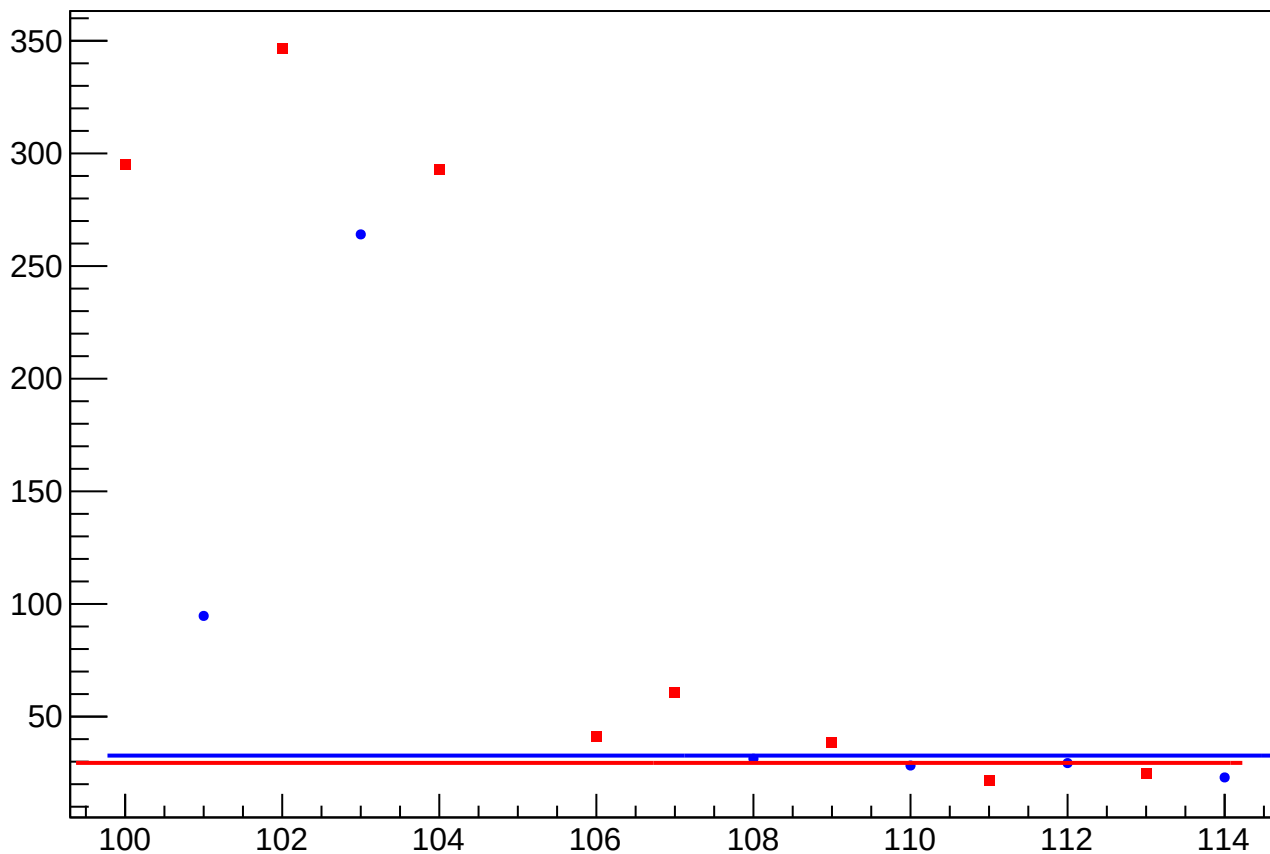
Right: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

In: -0.010 $\pm$ 0.025 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 32.697+/-0.018 χ^2/NDF : 1465544.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.453+/-0.016 χ^2/NDF : 1813681.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

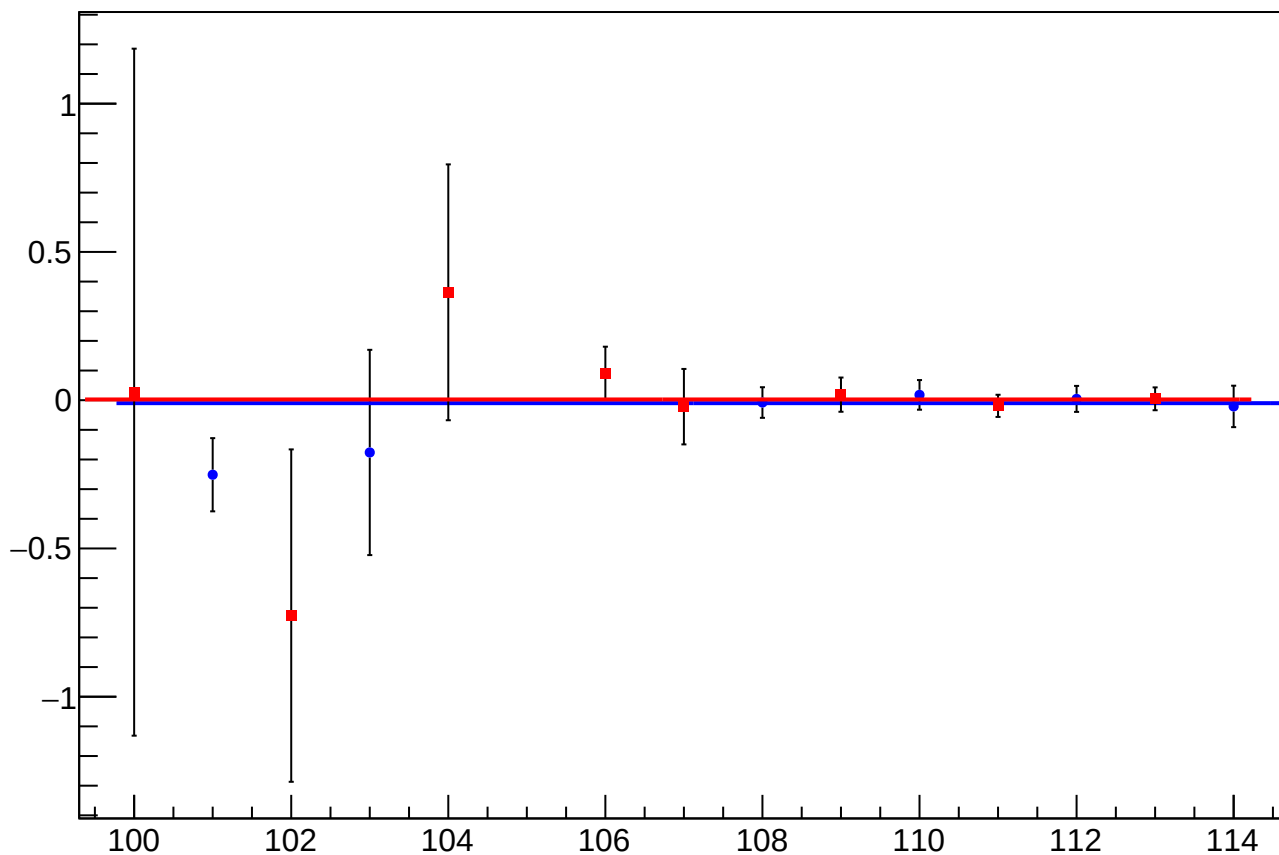
Right: 30.929+/-0.012 χ^2/NDF : 3297280.0/13

In: 32.697+/-0.018 χ^2/NDF : 1465544.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.012 χ^2/NDF : 3297280.0/13

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

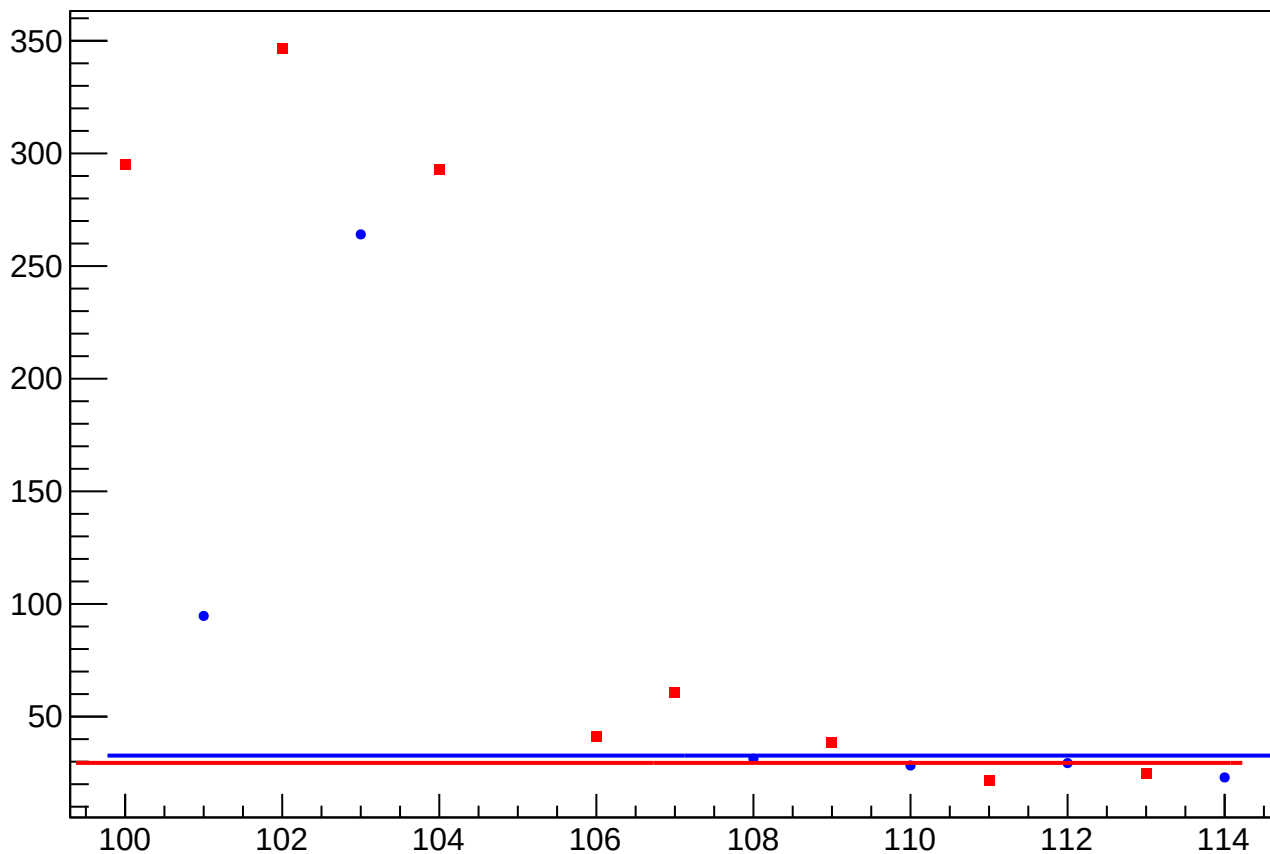
Right: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

In: -0.010 $\pm$ 0.025 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.017 χ^2 /NDF: 8.4/13

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.697+/-0.018 χ^2/NDF : 1465544.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.453+/-0.016 χ^2/NDF : 1813681.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

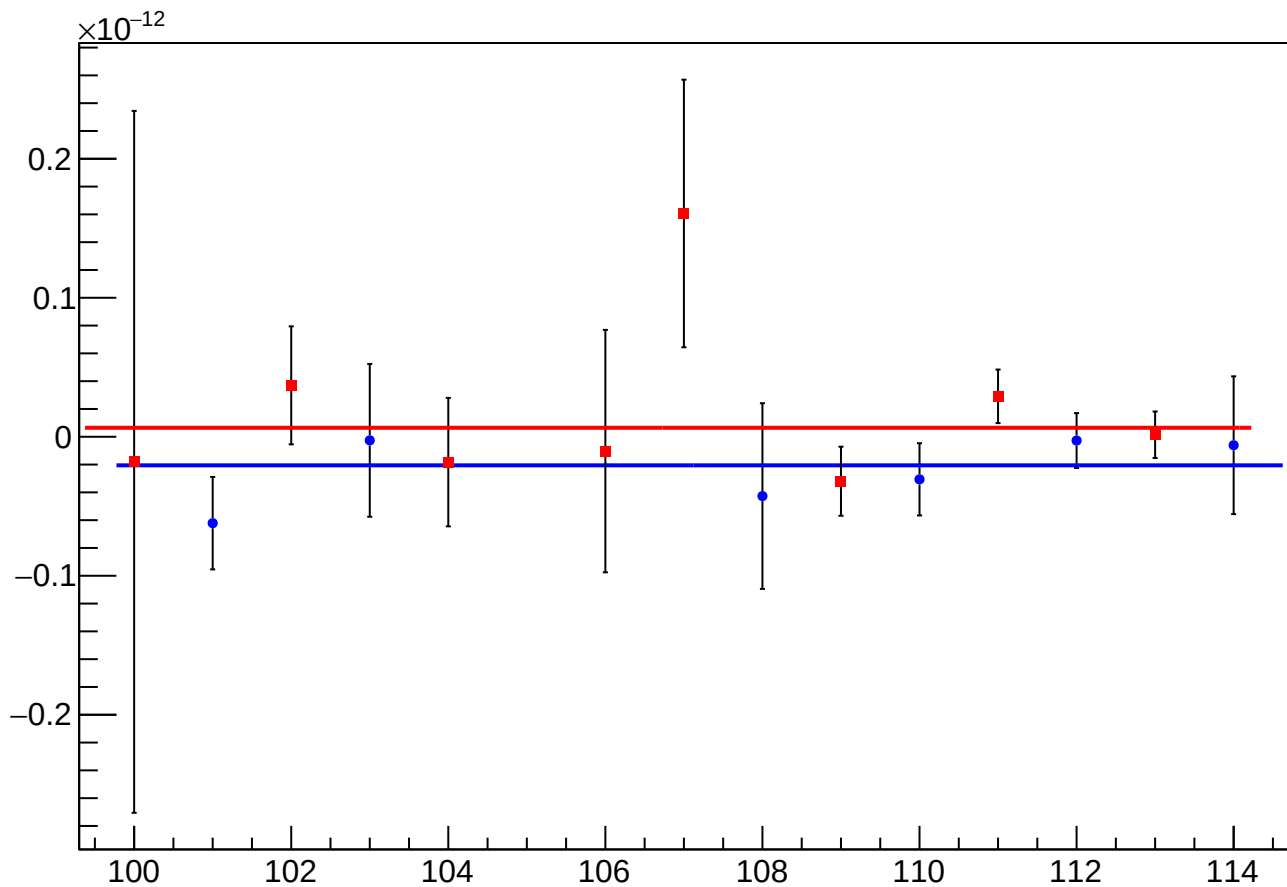
Right: 30.929+/-0.012 χ^2/NDF : 3297280.0/13

In: 32.697+/-0.018 χ^2/NDF : 1465544.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.012 χ^2/NDF : 3297280.0/13

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

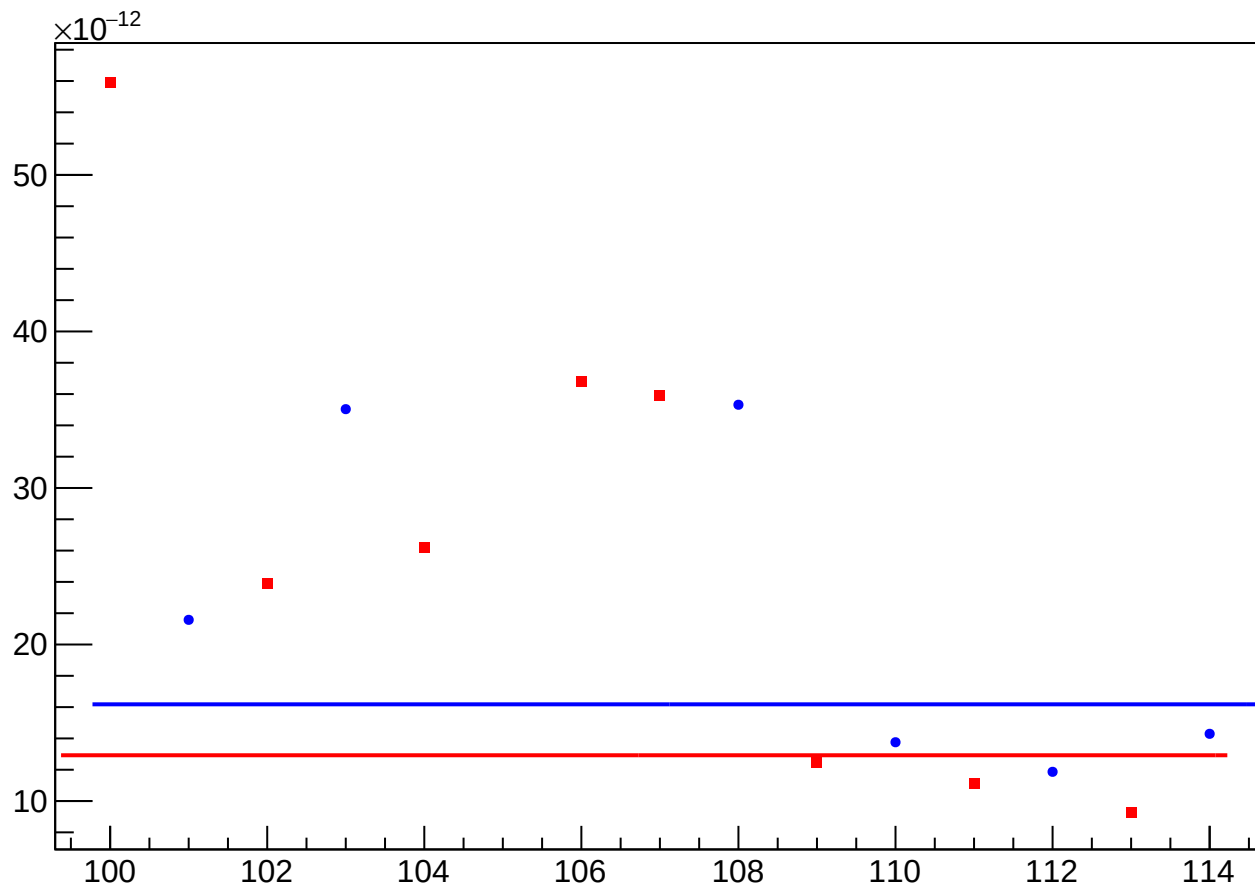
Right: -0.000+/-0.000 χ^2/NDF : 12.7/13

In: -0.000+/-0.000 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.7/13

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

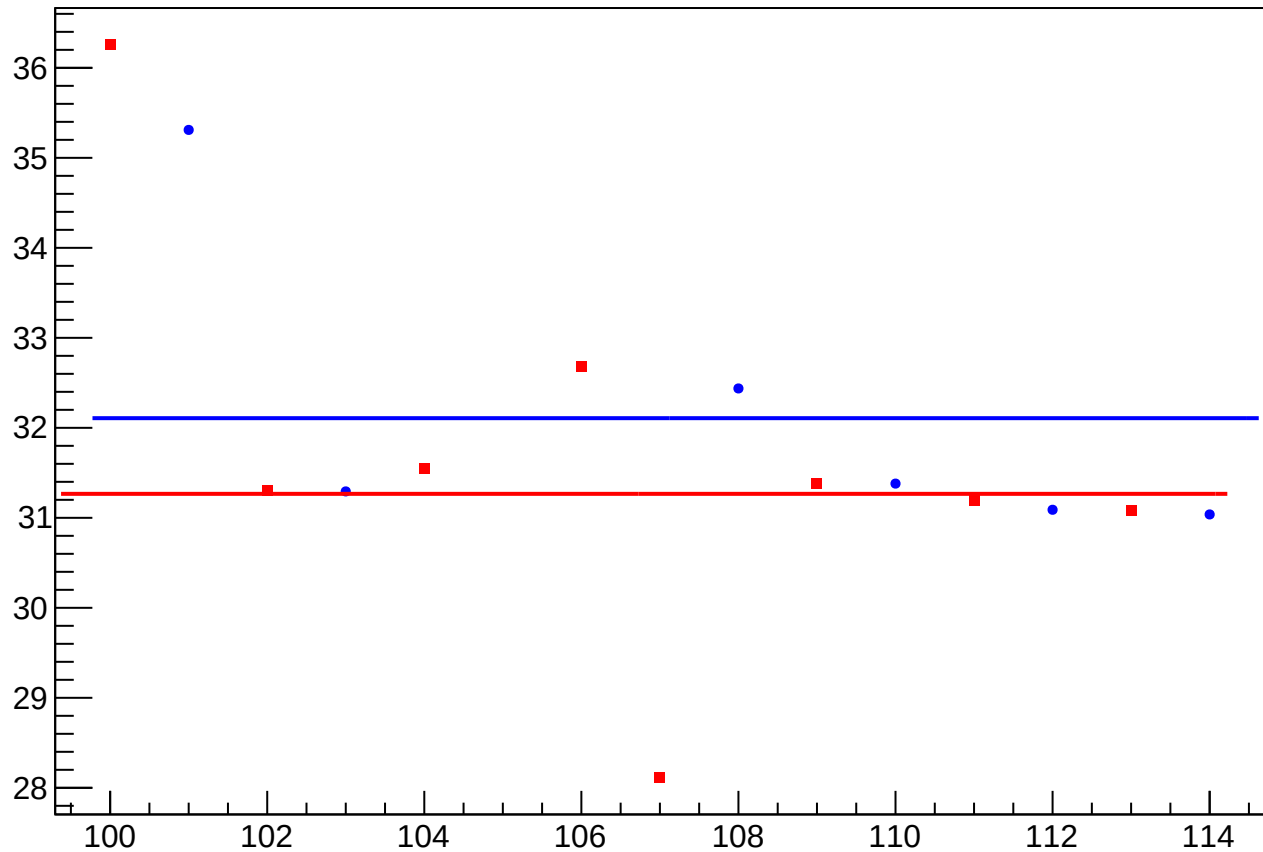
Right: 0.000+/-0.000 χ^2/NDF : 1378554.7/13

In: 0.000+/-0.000 χ^2/NDF : 567806.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1378554.7/13

yield_usl_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

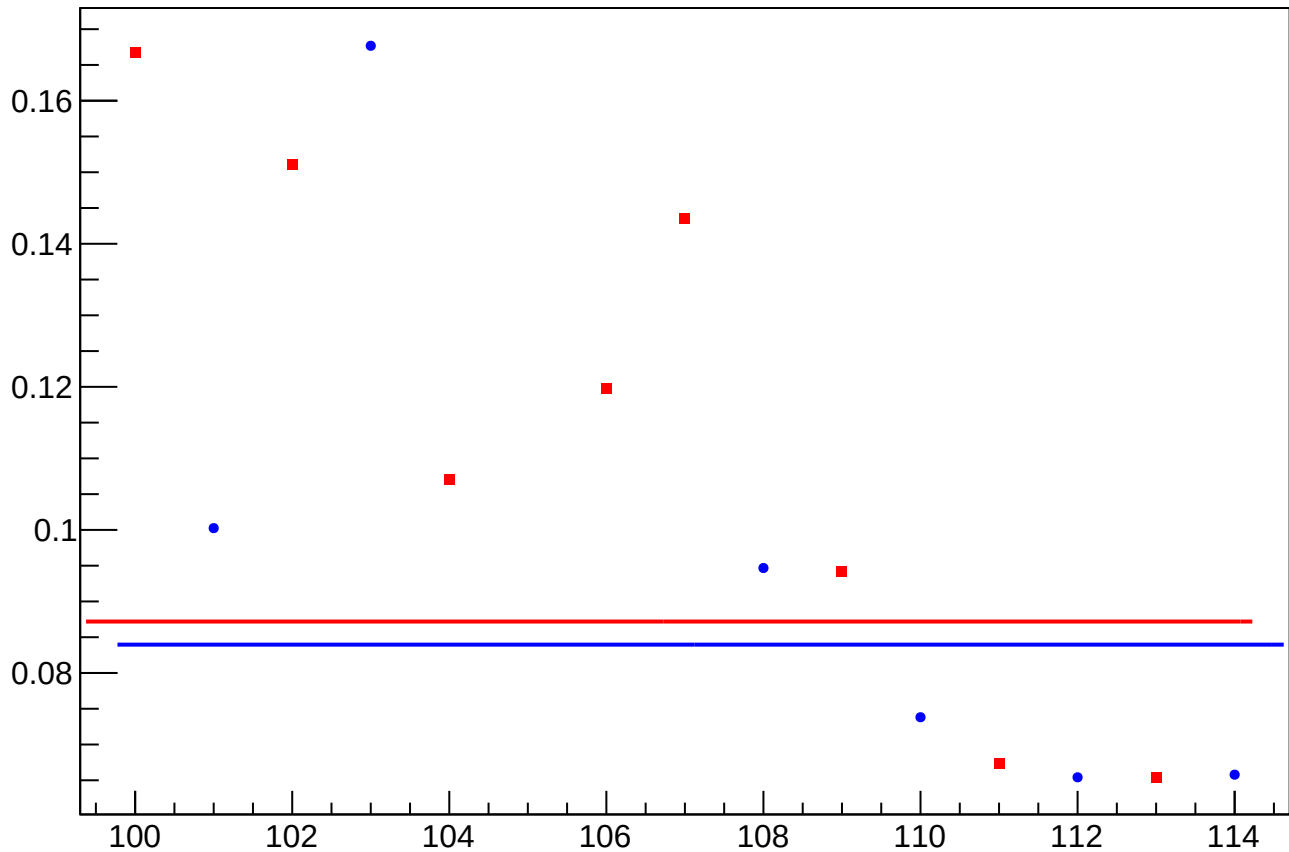
Right: 31.665+/-0.000 χ^2/NDF : 1116016664.7/13

In: 32.107+/-0.000 χ^2/NDF : 791669564.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.665+/-0.000 χ^2/NDF : 1116016664.7/13

yield_usl_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

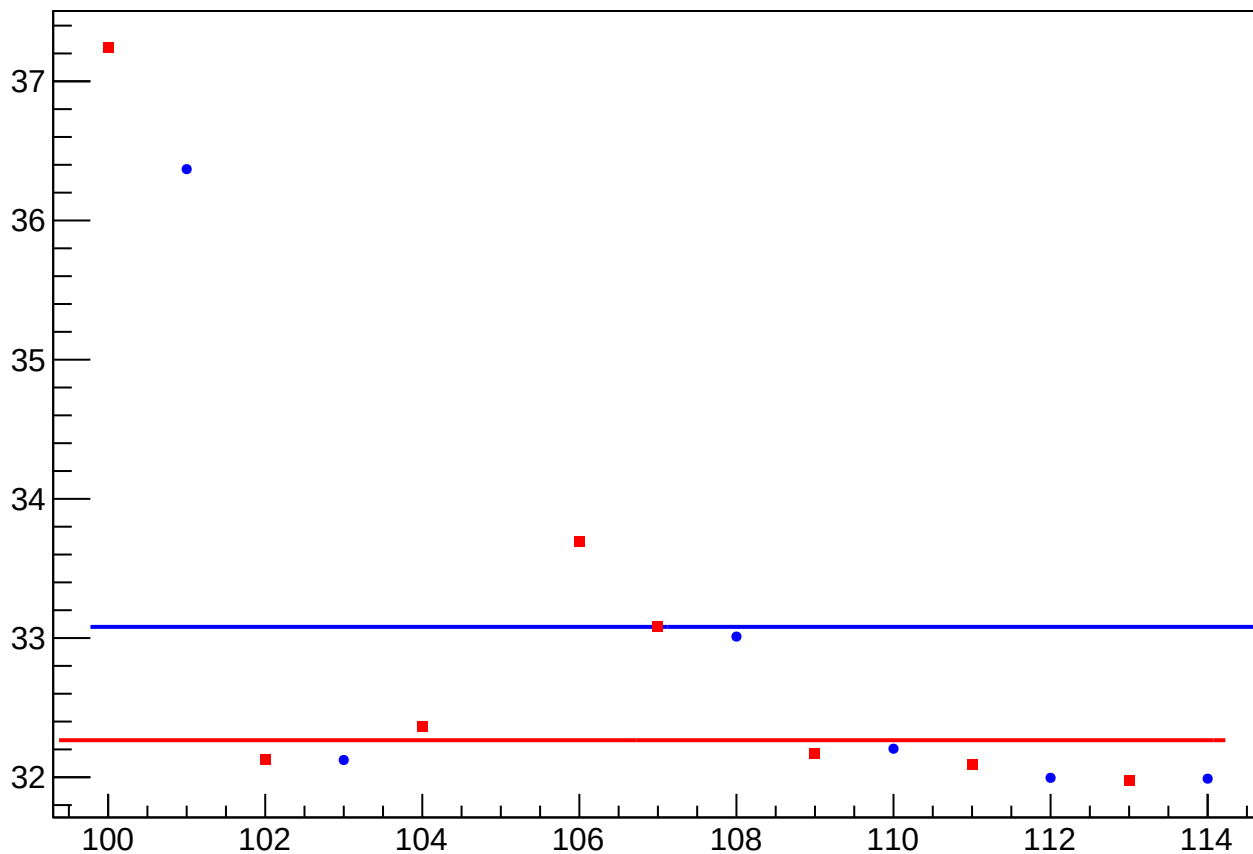
Right: 0.086+/-0.000 χ^2/NDF : 991396.5/13

In: 0.084+/-0.000 χ^2/NDF : 437063.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 991396.5/13

yield_usr_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

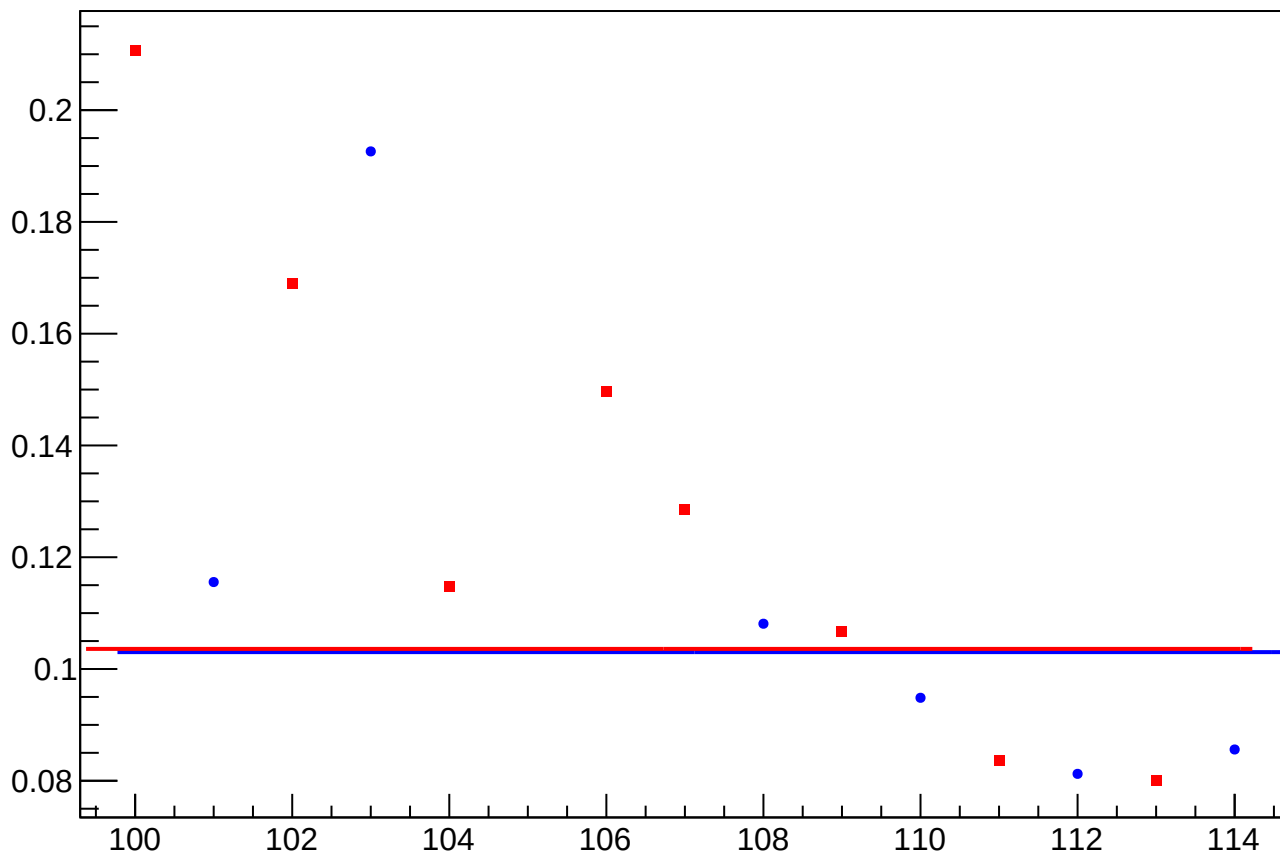
Right: 32.638+/-0.000 χ^2/NDF : 770737454.7/13

In: 33.080+/-0.000 χ^2/NDF : 613677837.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.638+/-0.000 χ^2/NDF : 770737454.7/13

yield_usr_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

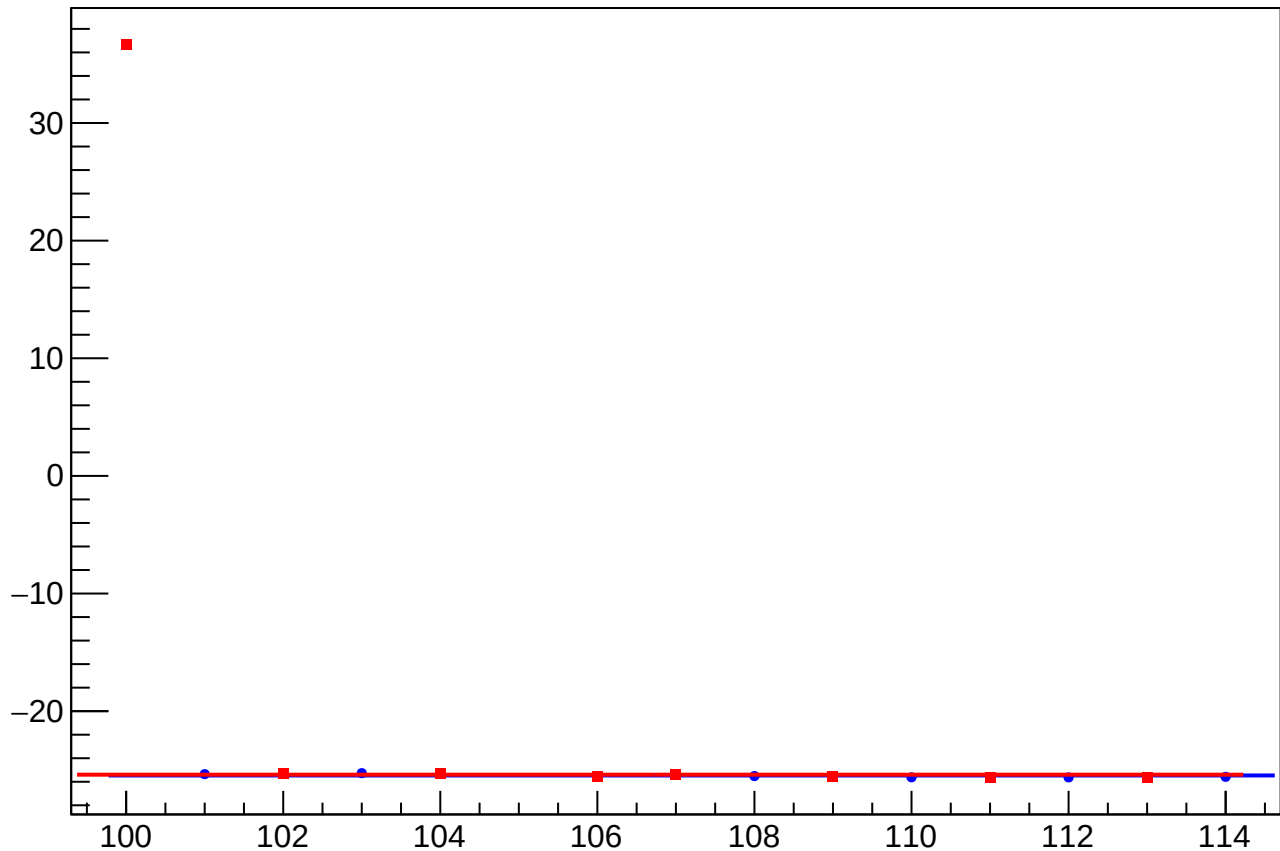
Right: 0.103+/-0.000 χ^2/NDF : 762070.8/13

In: 0.103+/-0.000 χ^2/NDF : 350240.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.103+/-0.000 χ^2/NDF : 762070.8/13

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.465+/-0.000 χ^2/NDF : 34593415.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.398+/-0.000 χ^2/NDF : 8808862333.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

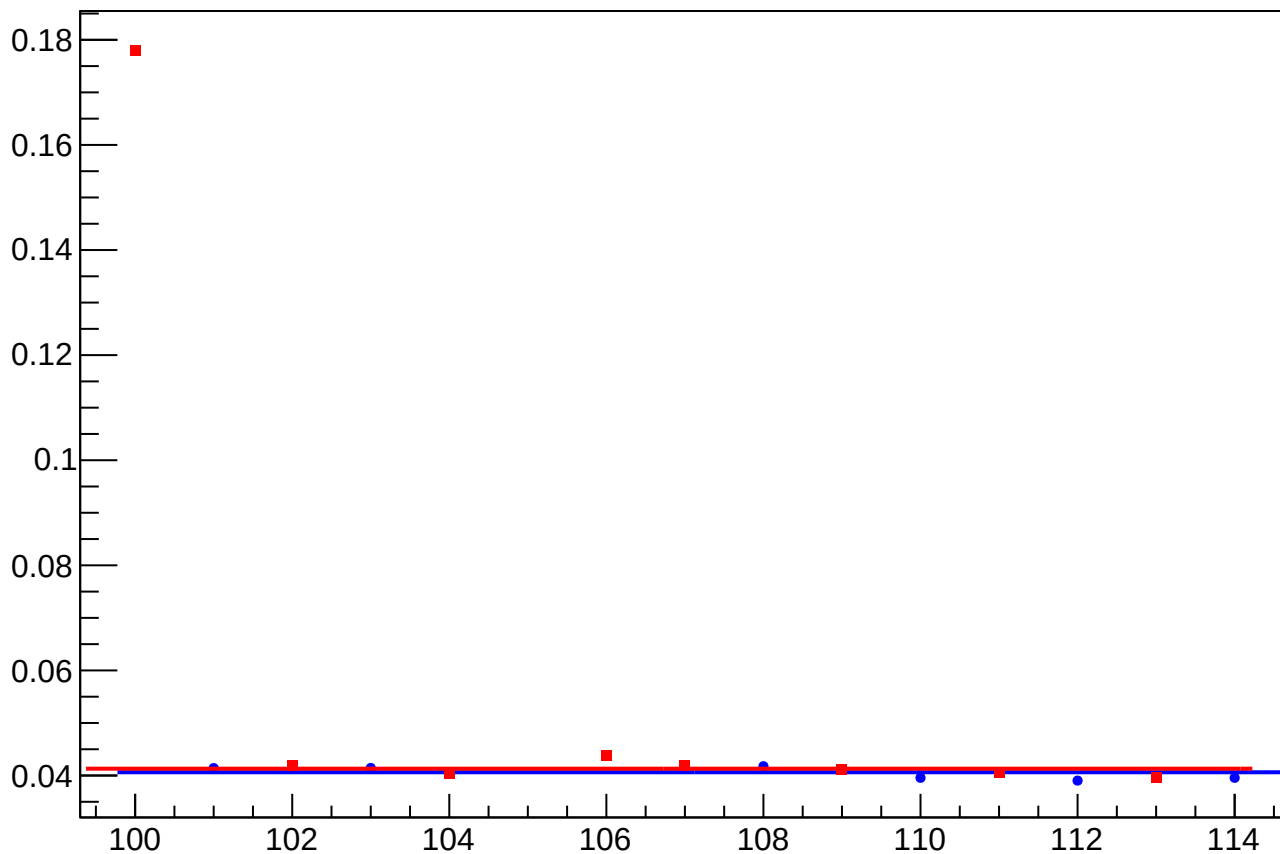
Right: -25.429+/-0.000 χ^2/NDF : 8847304530.0/13

In: -25.465+/-0.000 χ^2/NDF : 34593415.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.429+/-0.000 χ^2/NDF : 8847304530.0/13

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 3861.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.000 χ^2/NDF : 89796.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

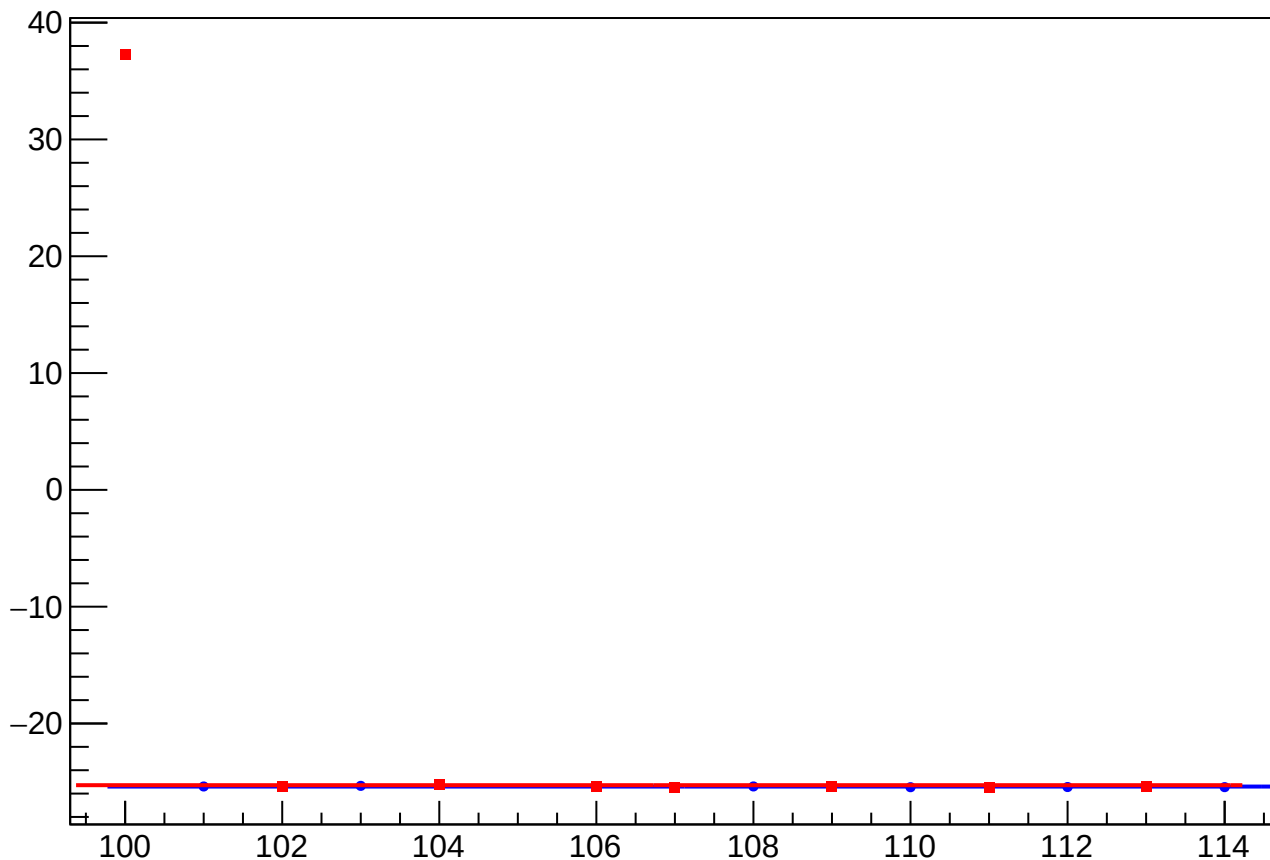
Right: 0.041+/-0.000 χ^2/NDF : 94465.9/13

In: 0.041+/-0.000 χ^2/NDF : 3861.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 94465.9/13

yield_dsr_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

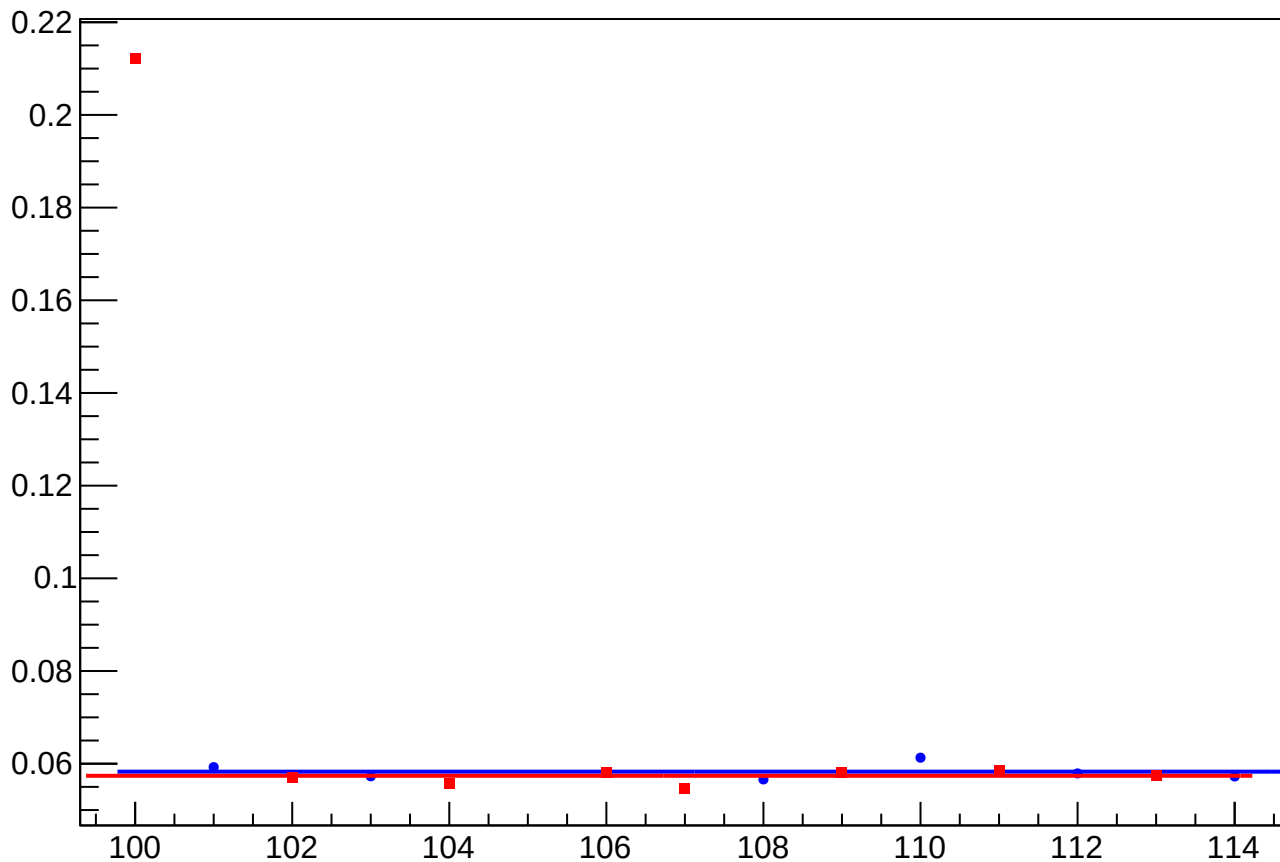
Right: -25.333+/-0.000 χ^2/NDF : 6309138460.0/13

In: -25.399+/-0.000 χ^2/NDF : 1268450.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.333+/-0.000 χ^2/NDF : 6309138460.0/13

yield_dsr_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

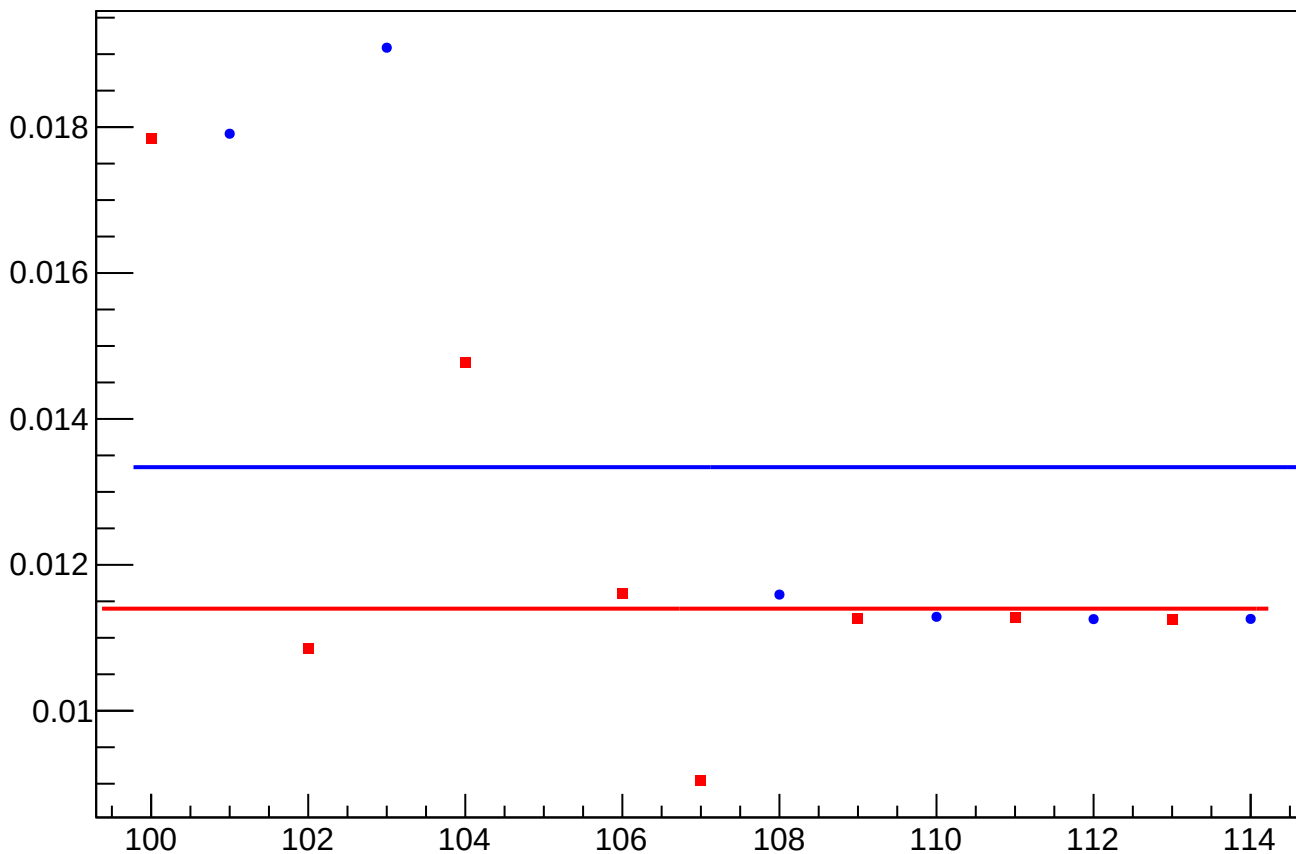
Right: 0.058+/-0.000 χ^2/NDF : 83559.1/13

In: 0.058+/-0.000 χ^2/NDF : 3228.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 83559.1/13

yield_atl1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 9054137556.9/13

In: 0.013+/-0.000

χ^2/NDF :6488785570.1/5

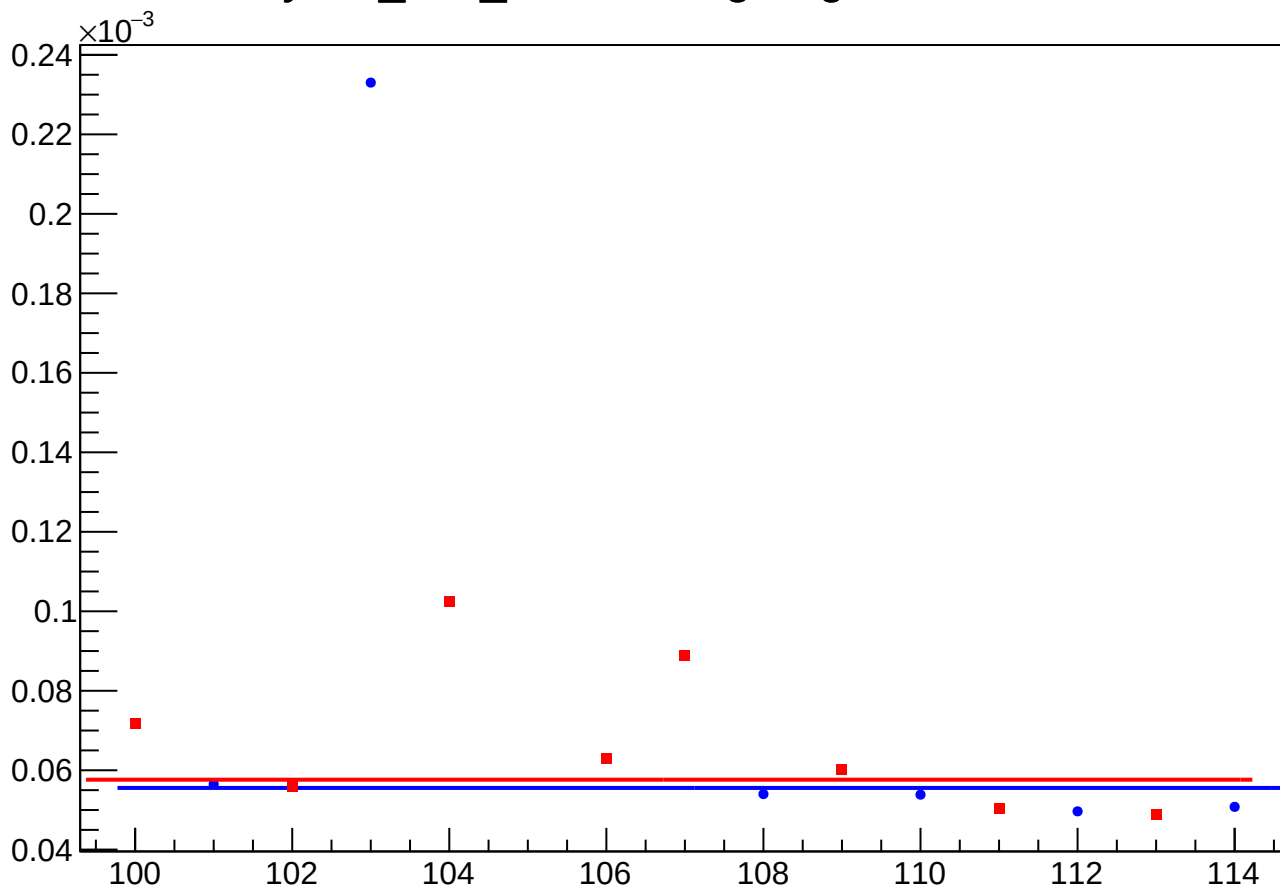
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.012+/-0.000

χ^2/NDF : 9054137556.9/13

yield_atl1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

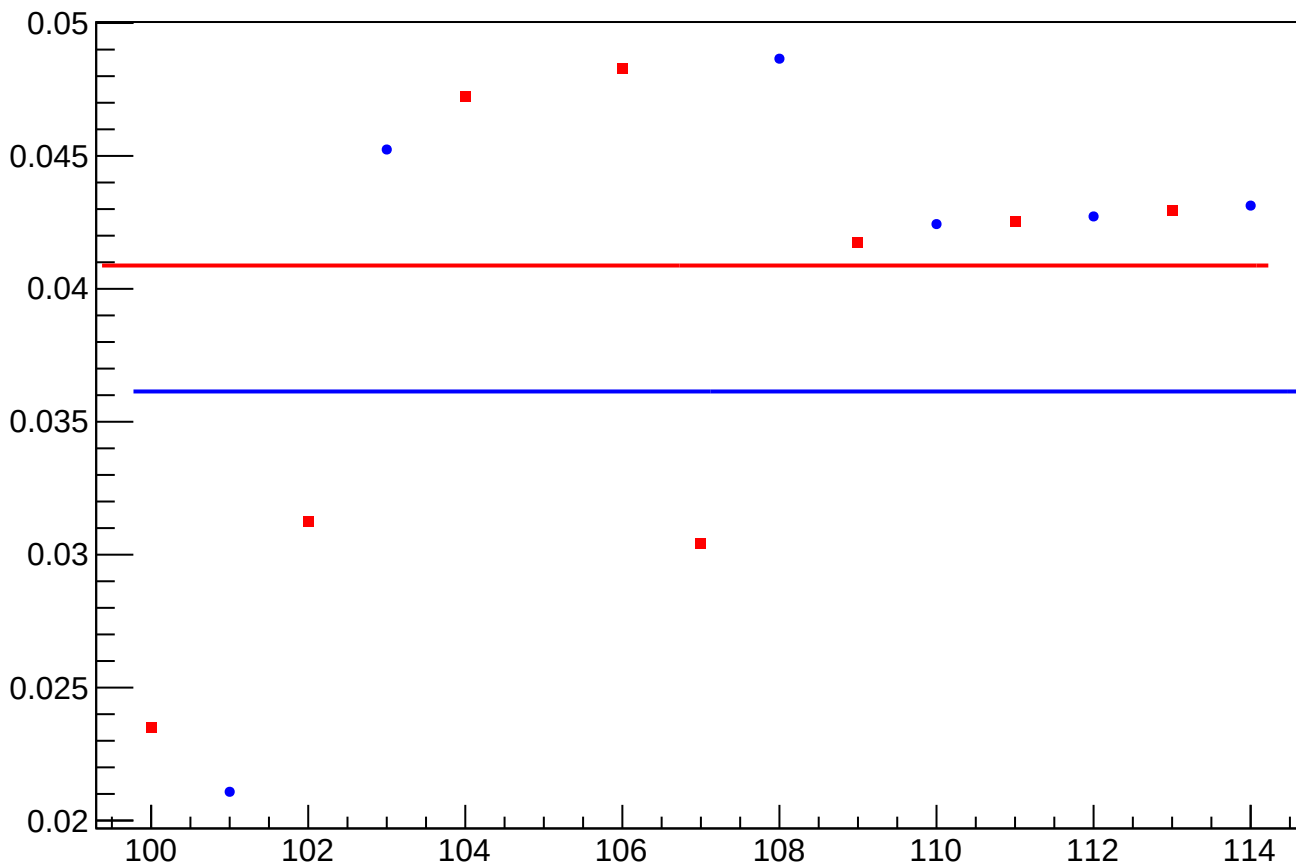
Right: 0.000+/-0.000 χ^2/NDF : 824659.7/13

In: 0.000+/-0.000 χ^2/NDF : 580545.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 824659.7/13

yield_atl2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

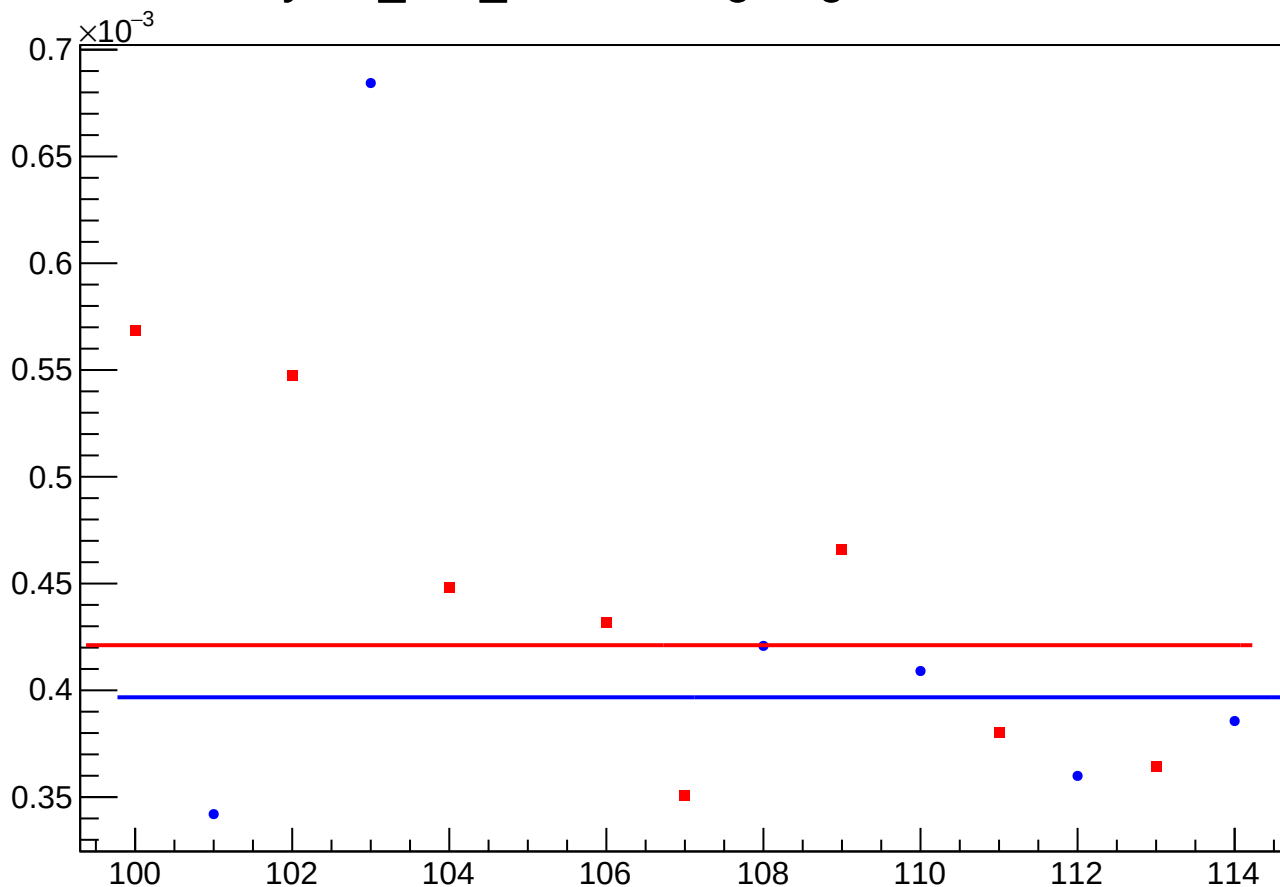
Right: 0.039+/-0.000 χ^2/NDF : 2570356770.1/13

In: 0.036+/-0.000 χ^2/NDF : 1800971351.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.000 χ^2/NDF : 2570356770.1/13

yield_atl2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

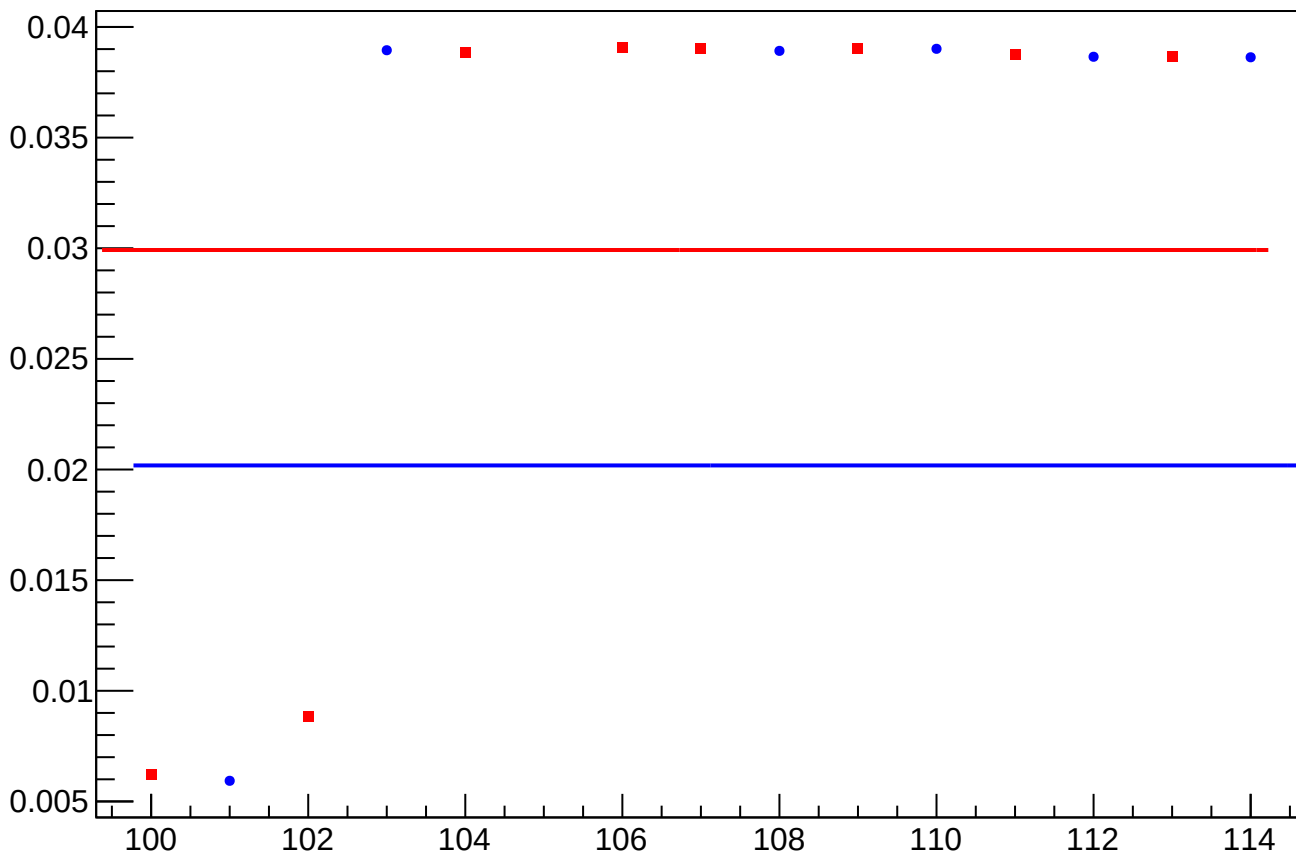
Right: 0.000+/-0.000 χ^2/NDF : 374842.4/13

In: 0.000+/-0.000 χ^2/NDF :240240.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 374842.4/13

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 64137729403.5/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.025+/-0.000

χ^2/NDF : 113073993208.6/13

Right Out: 0.030+/-0.000

χ^2/NDF : 38540666685.7/7

In: 0.020+/-0.000

χ^2/NDF : 64137729403.5/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

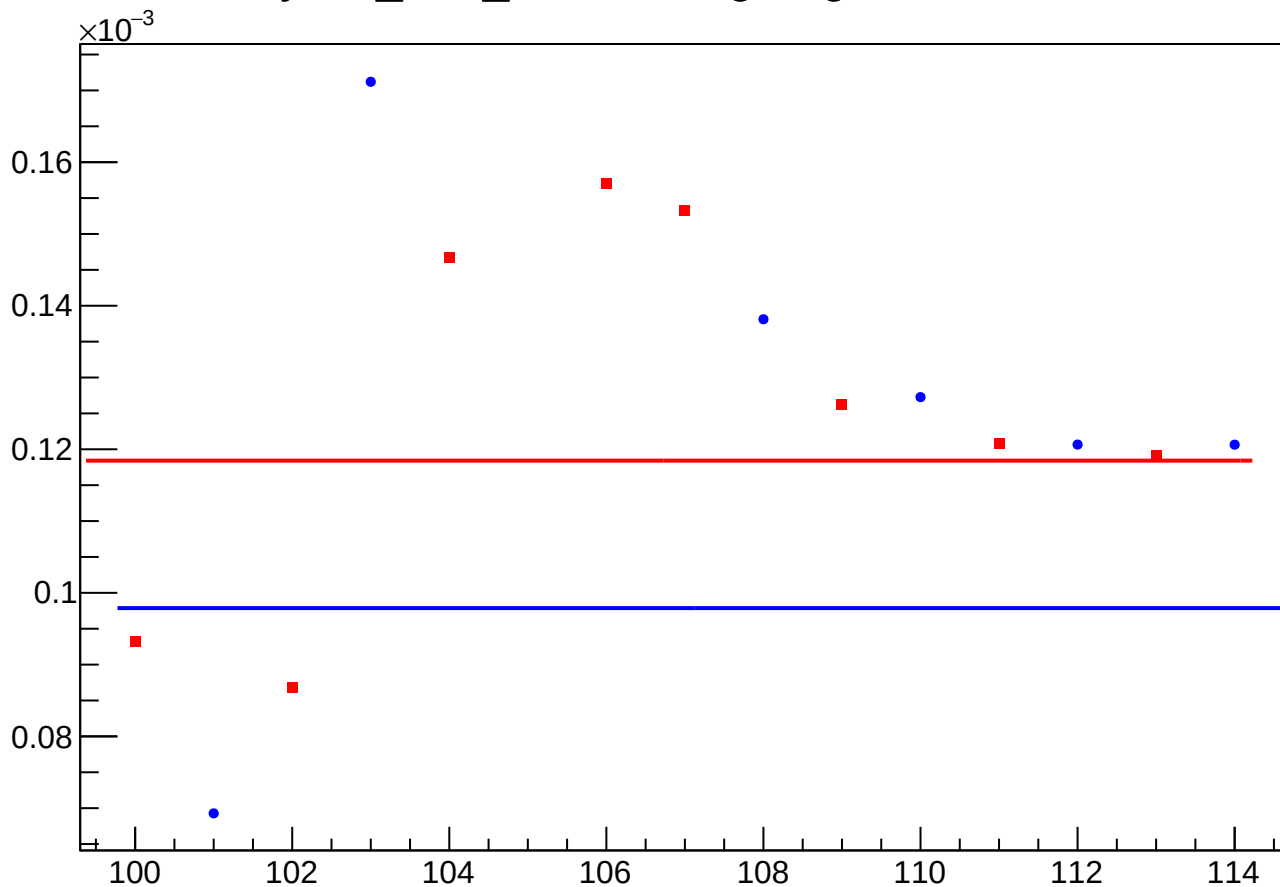
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 113073993208.6

yield_atr1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

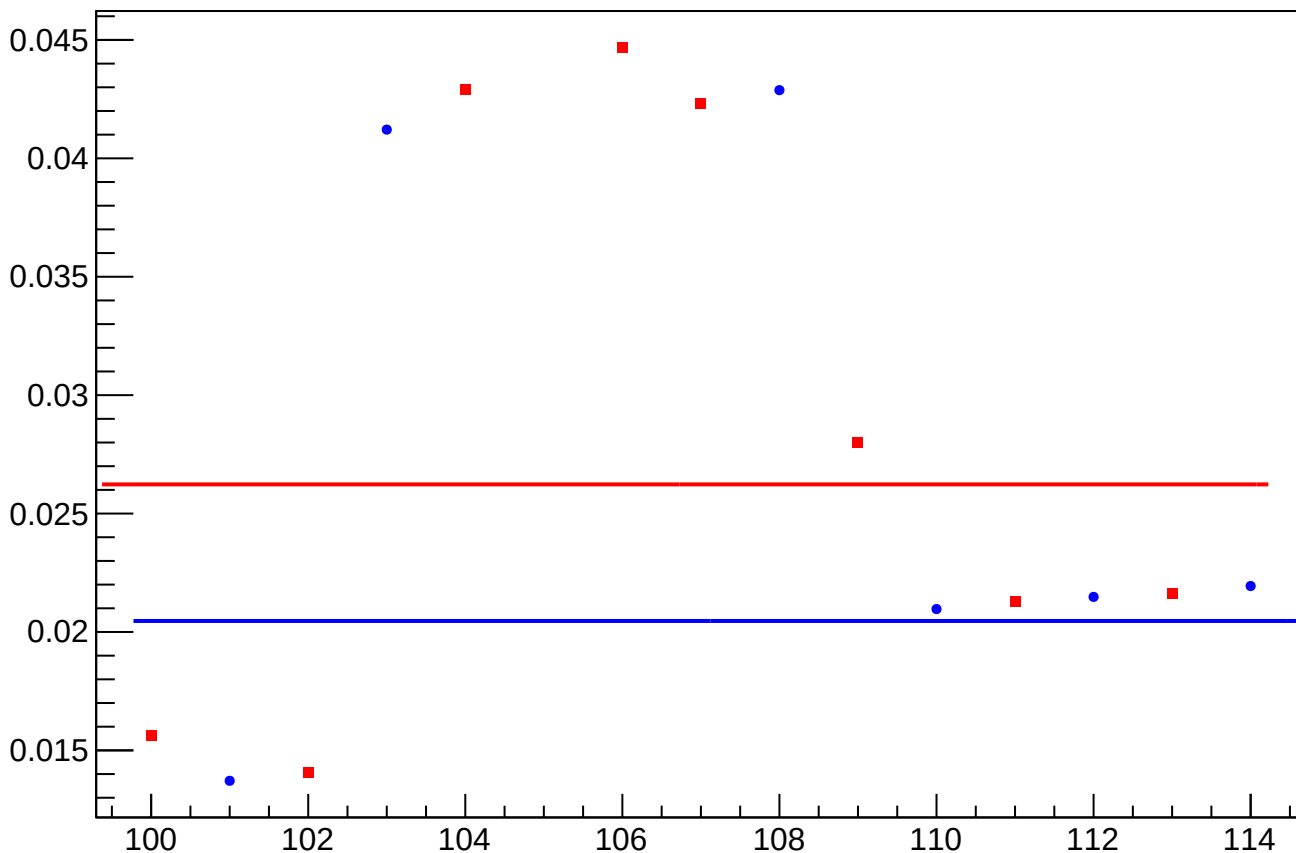
Right: 0.000+/-0.000 χ^2/NDF : 896340.5/13

In: 0.000+/-0.000 χ^2/NDF : 590620.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 896340.5/13

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 3022727997.5/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 6744366224.8/13

Right Out: 0.026+/-0.000

χ^2/NDF : 3223257273.4/7

In: 0.020+/-0.000

χ^2/NDF : 3022727997.5/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

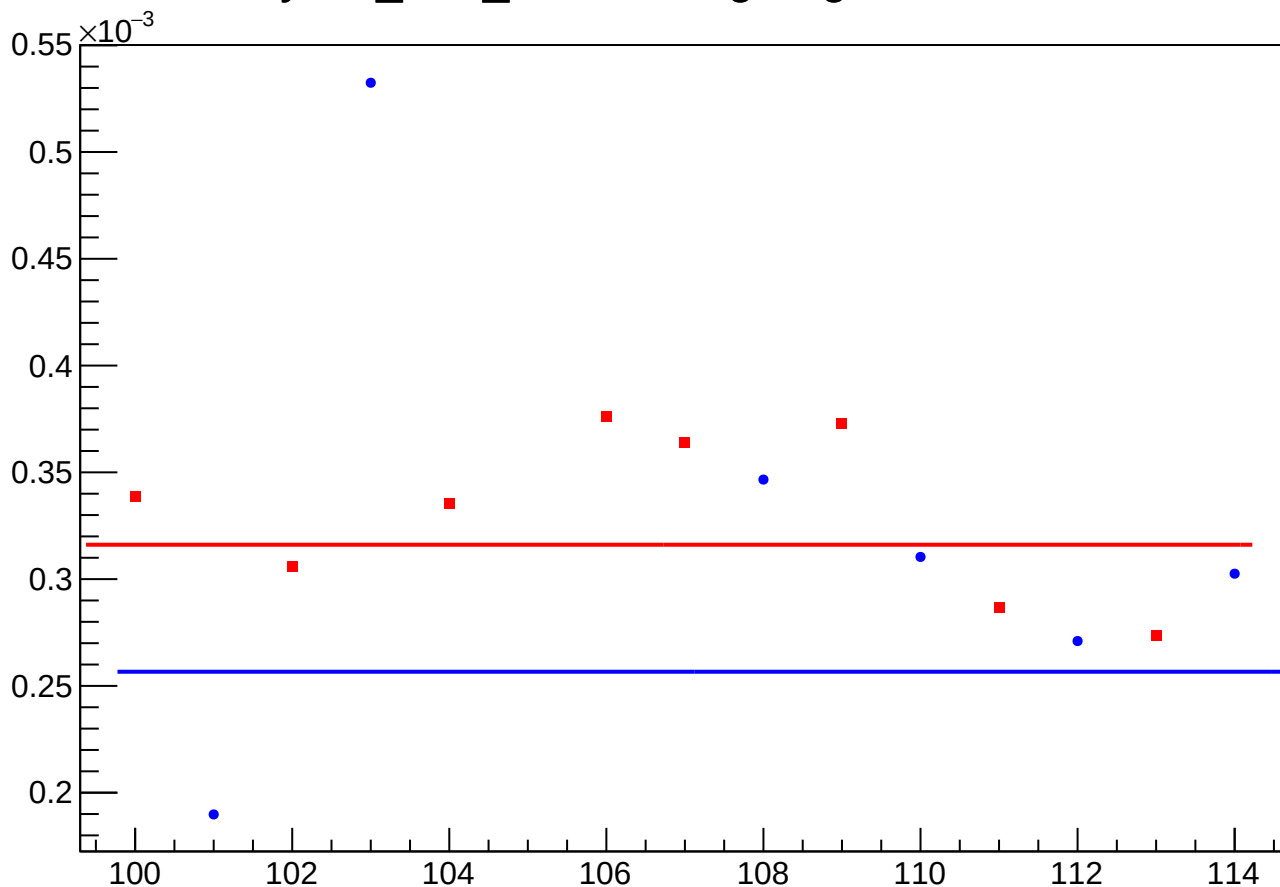
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 6744366224.8/13

yield_atr2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

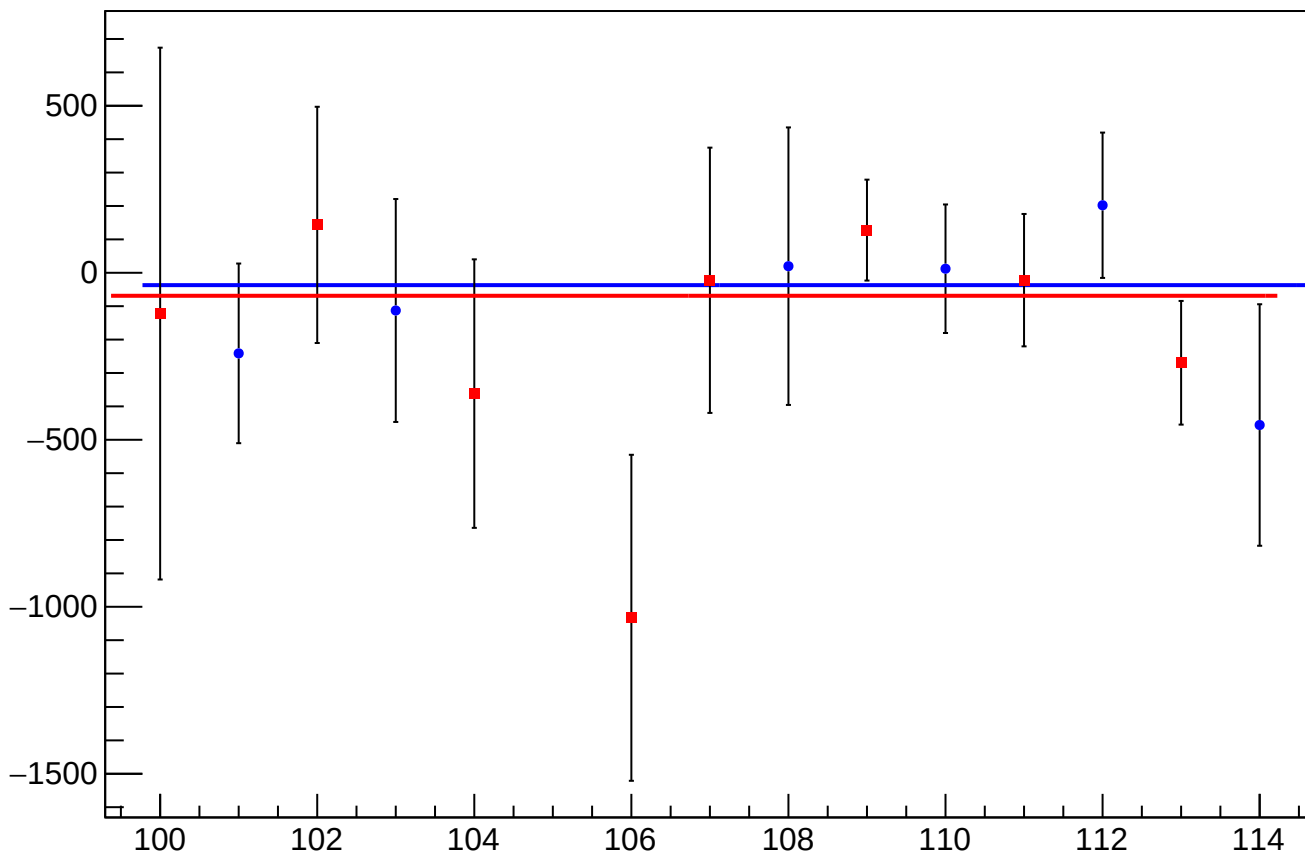
Right: 0.000+/-0.000 χ^2/NDF : 703614.1/13

In: 0.000+/-0.000 χ^2/NDF : 520332.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 703614.1/13

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -36.989 $\pm$ 108.862 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.848 $\pm$ 89.530 χ^2 /NDF: 7.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

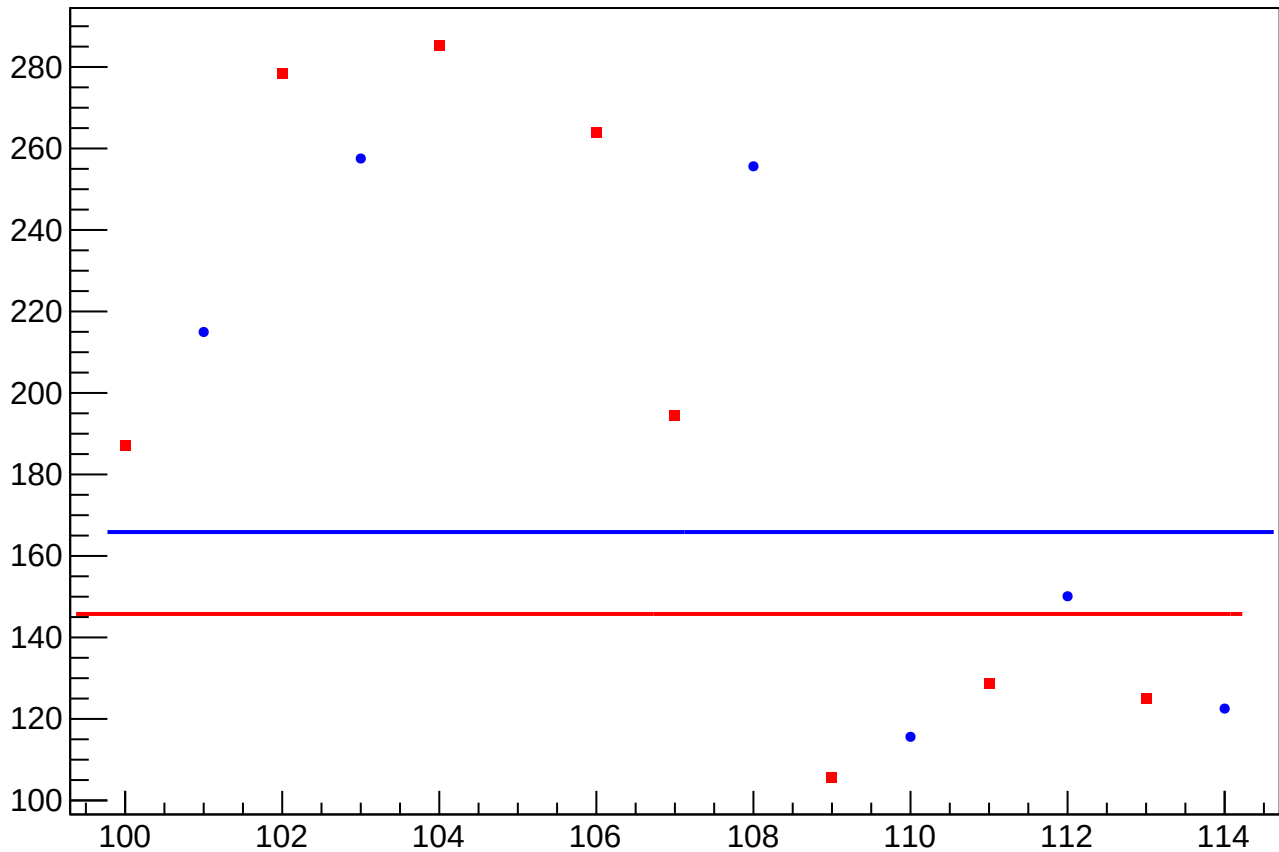
Right: -55.994 $\pm$ 69.149 χ^2 /NDF: 11.0/13

In: -36.989 $\pm$ 108.862 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.994 $\pm$ 69.149 χ^2 /NDF: 11.0/13

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.866+/-0.077 χ^2/NDF : 486553.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.761+/-0.063 χ^2/NDF : 855824.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

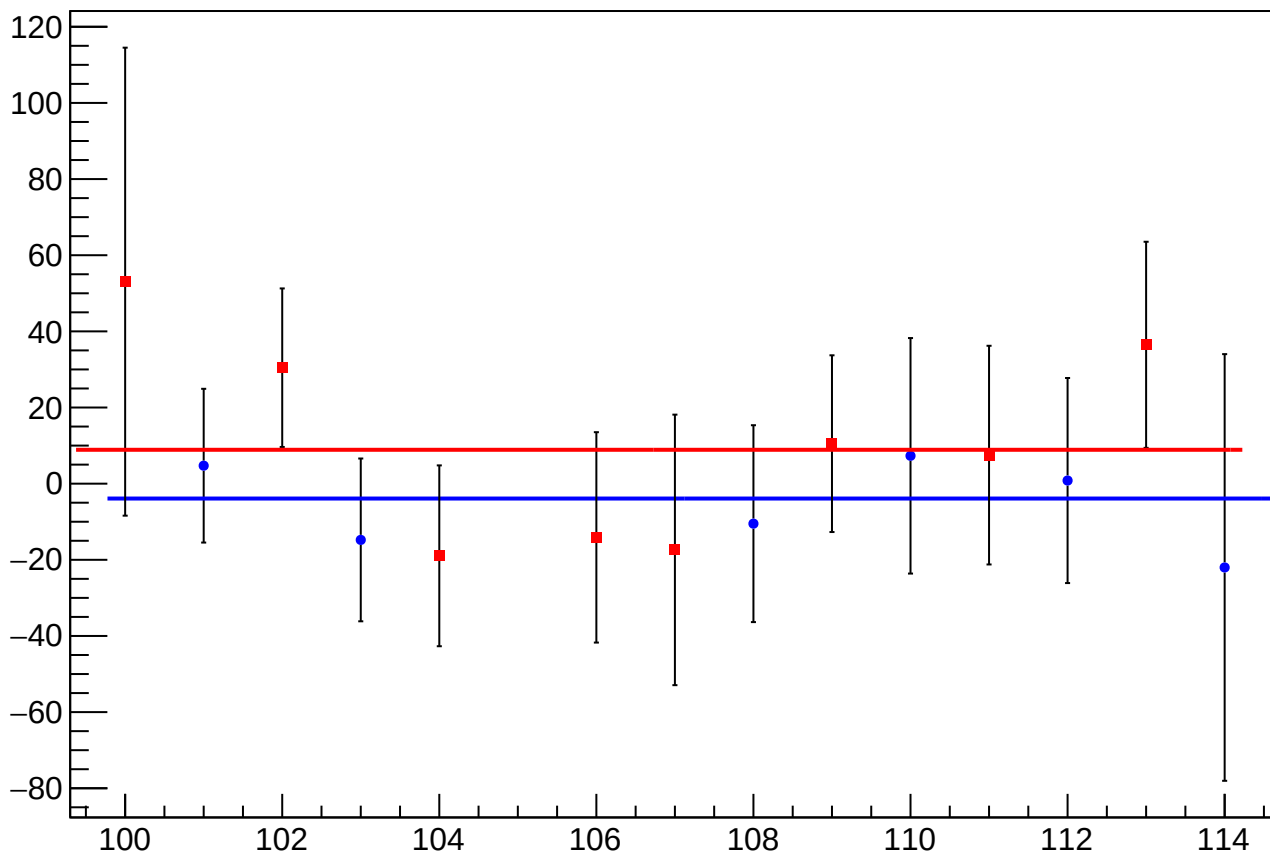
Right: 153.873+/-0.049 χ^2/NDF : 1383069.9/13

In: 165.866+/-0.077 χ^2/NDF : 486553.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.873+/-0.049 χ^2/NDF : 1383069.9/13

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

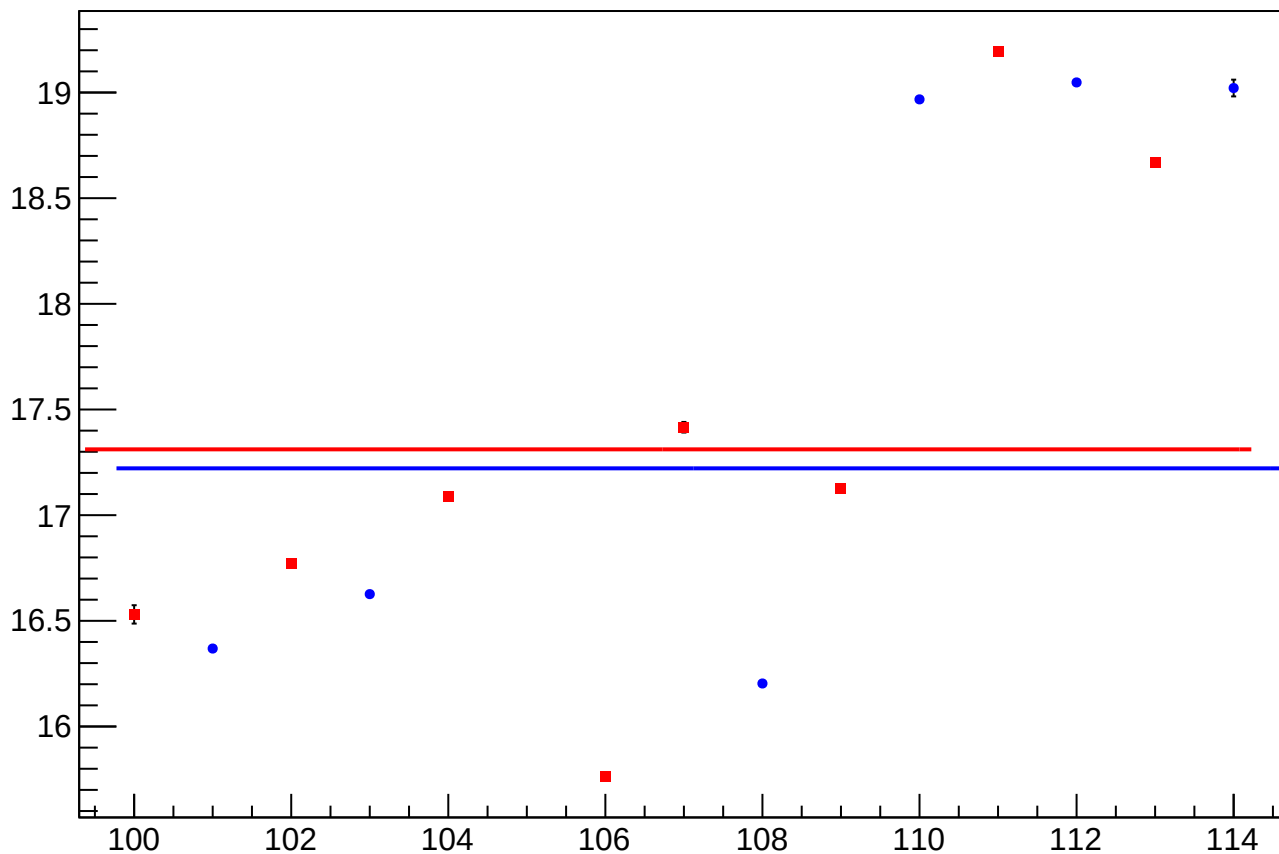
Right: 3.145+/-7.114 χ^2/NDF : 6.8/13

In: -3.906+/-10.612 χ^2/NDF : 0.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.145+/-7.114 χ^2/NDF : 6.8/13

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.222+/-0.008 χ^2/NDF : 25851.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.311+/-0.007 χ^2/NDF : 21863.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

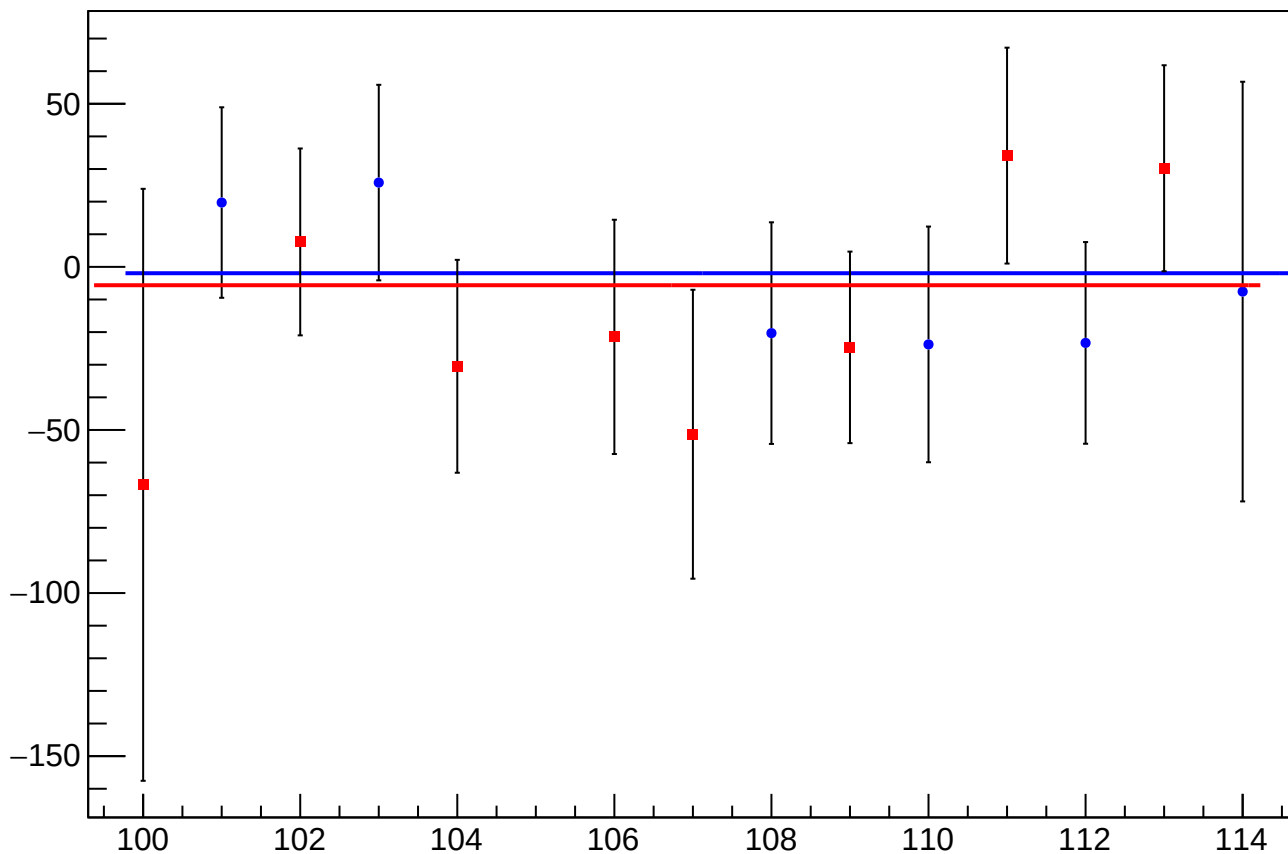
Right: 17.271+/-0.005 χ^2/NDF : 47793.0/13

In: 17.222+/-0.008 χ^2/NDF : 25851.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.271+/-0.005 χ^2/NDF : 47793.0/13

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

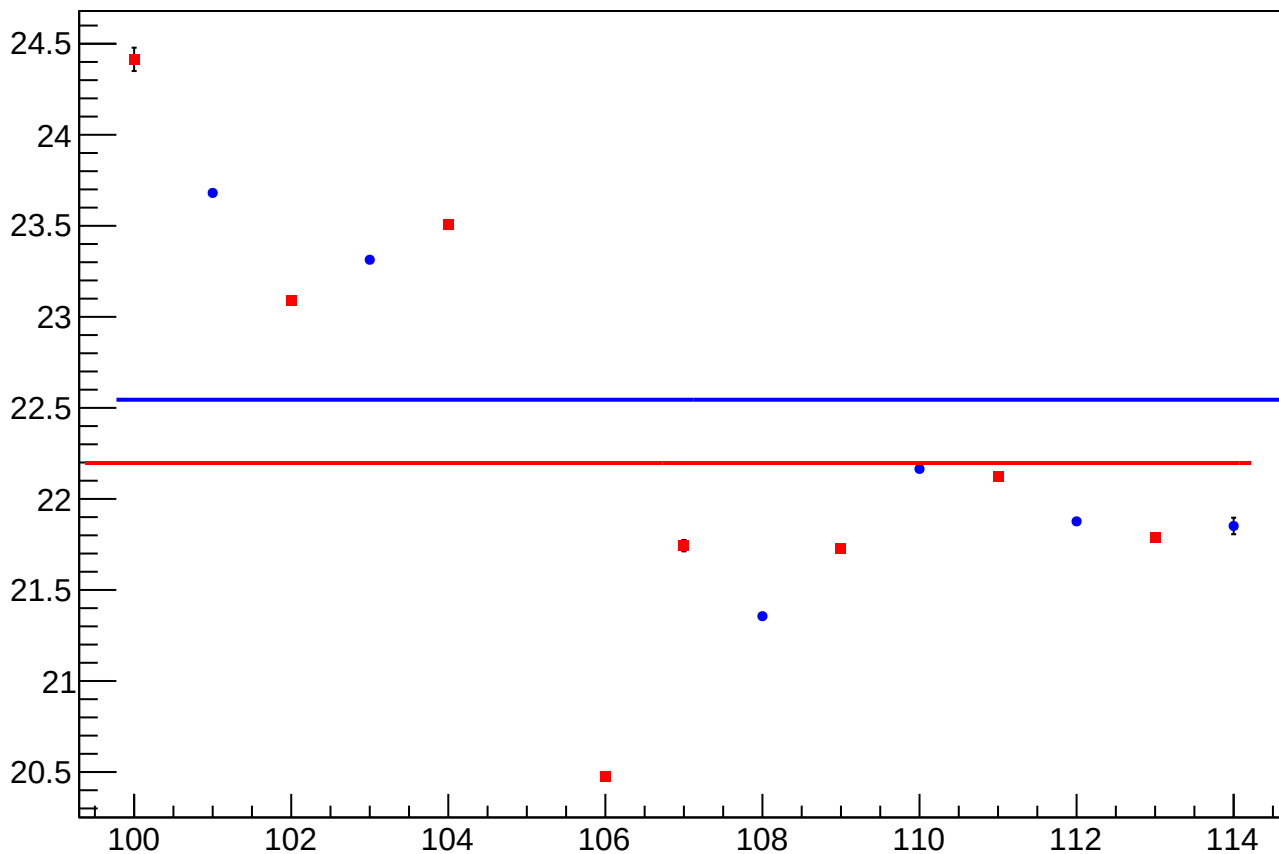
Right: -4.010+/-9.188 χ^2/NDF : 8.3/13

In: -1.946+/-13.859 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.010+/-9.188 χ^2/NDF : 8.3/13

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

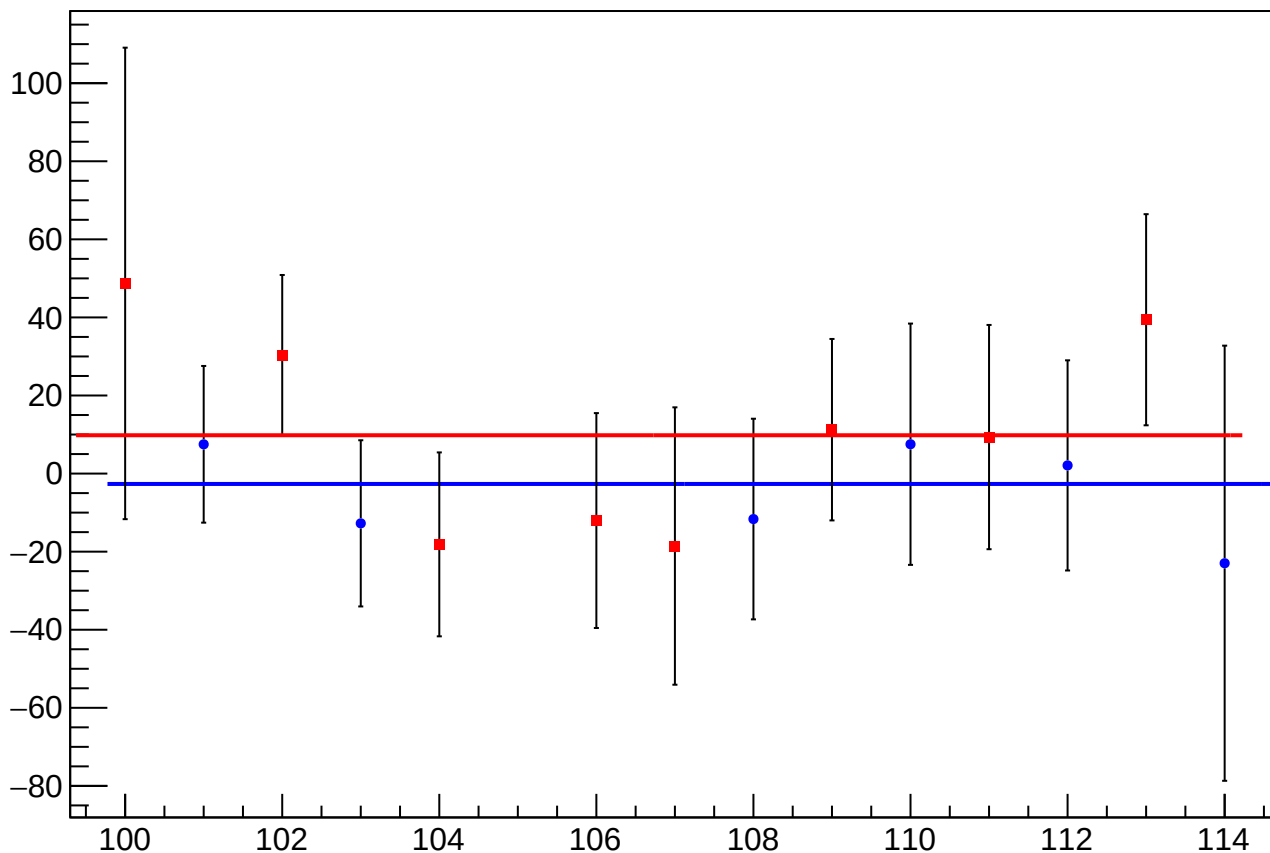
Right: 22.350+/-0.006 χ^2/NDF : 20917.1/13

In: 22.545+/-0.010 χ^2/NDF : 8178.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.350+/-0.006 χ^2/NDF : 20917.1/13

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

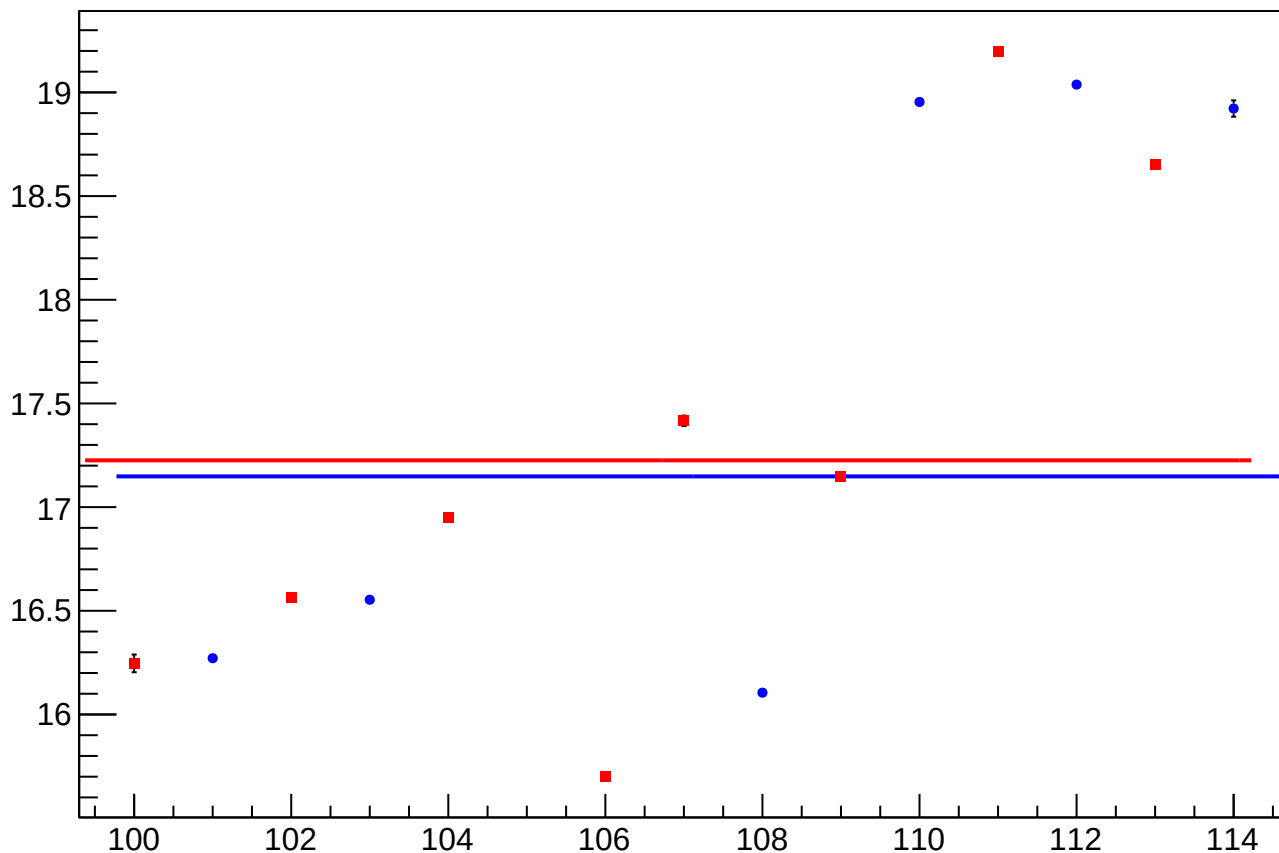
Right: 4.216+/-7.082 χ^2/NDF : 6.9/13

In: -2.658+/-10.568 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.216+/-7.082 χ^2/NDF : 6.9/13

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.148+/-0.007 χ^2/NDF : 27385.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.226+/-0.007 χ^2/NDF : 24056.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

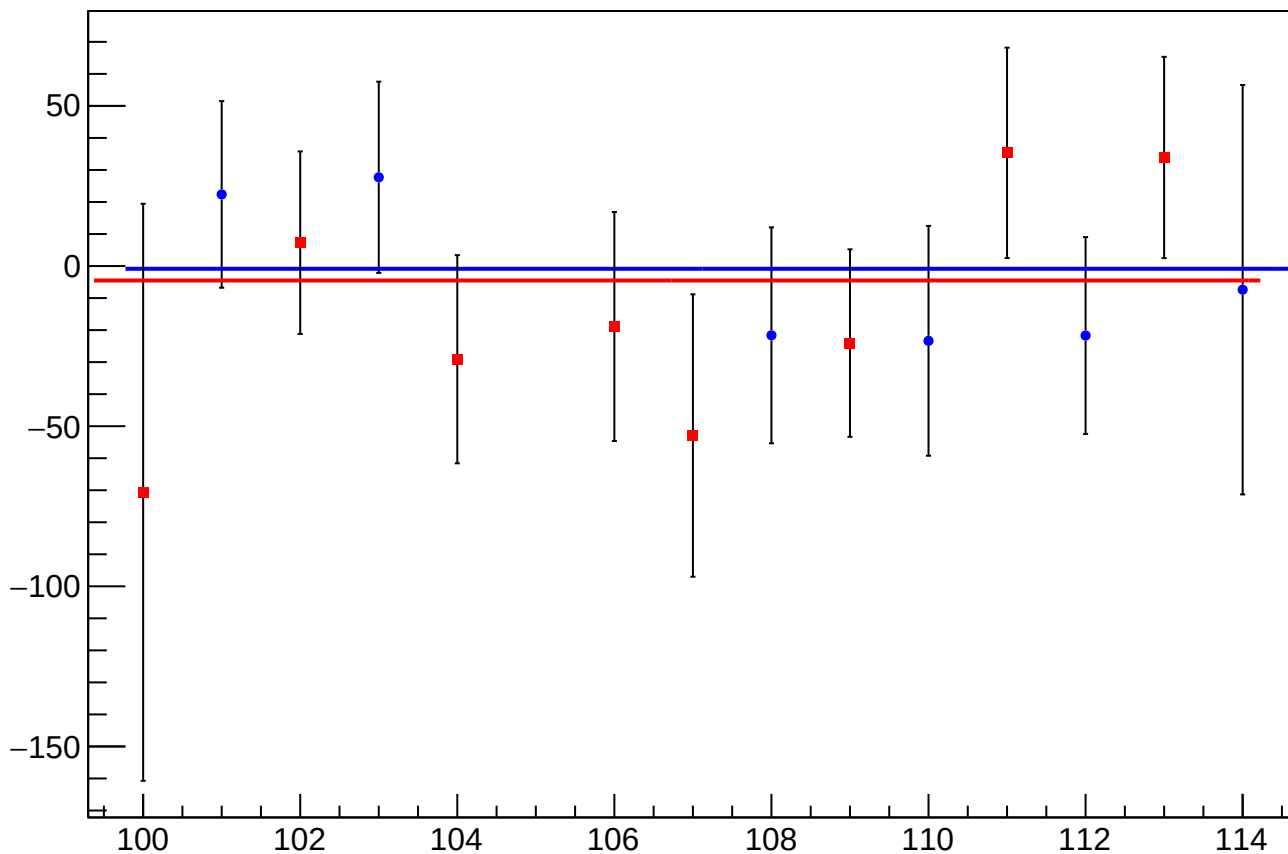
Right: 17.191+/-0.005 χ^2/NDF : 51500.8/13

In: 17.148+/-0.007 χ^2/NDF : 27385.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.191+/-0.005 χ^2/NDF : 51500.8/13

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

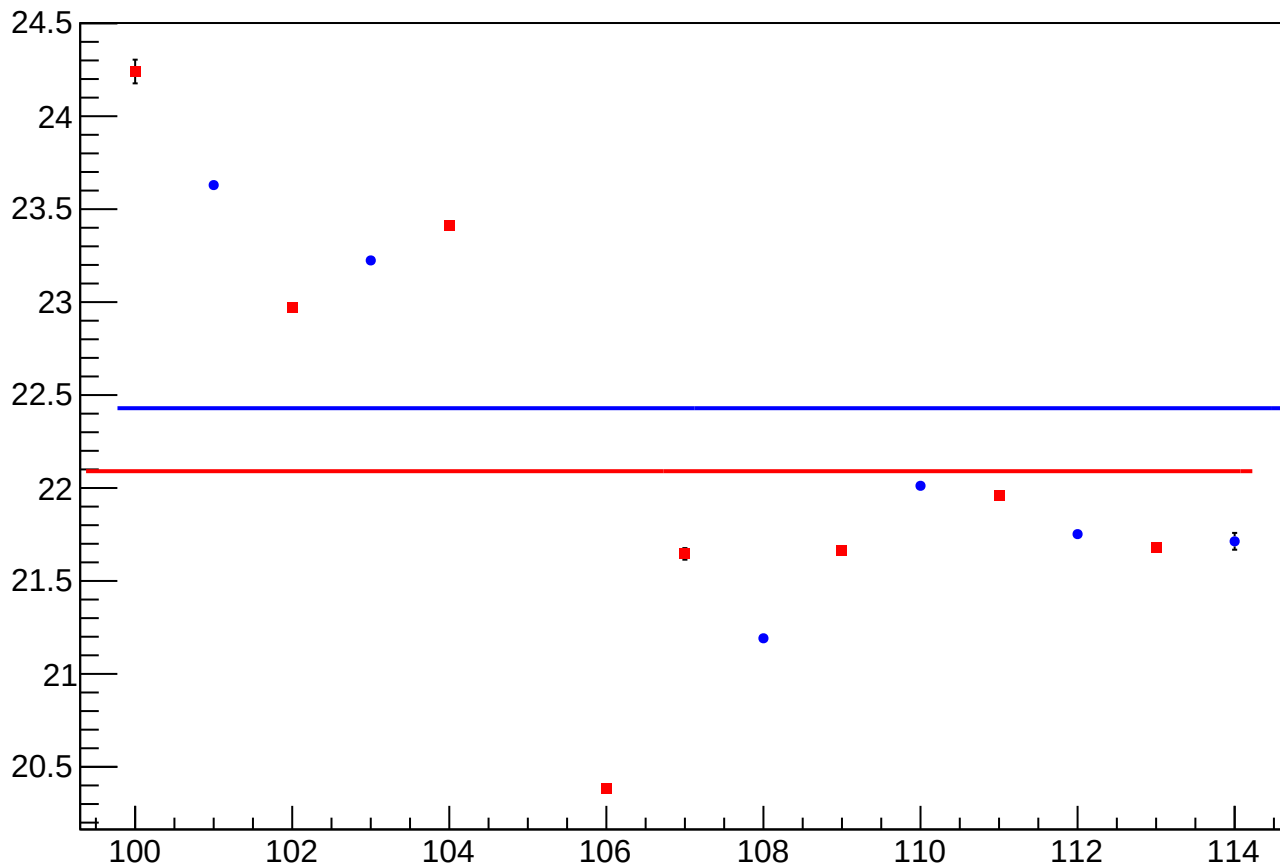
Right: -2.905+/-9.142 χ^2/NDF : 8.9/13

In: -0.856+/-13.789 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.905+/-9.142 χ^2/NDF : 8.9/13

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.429+/-0.010 χ^2/NDF : 8999.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.090+/-0.009 χ^2/NDF : 11922.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

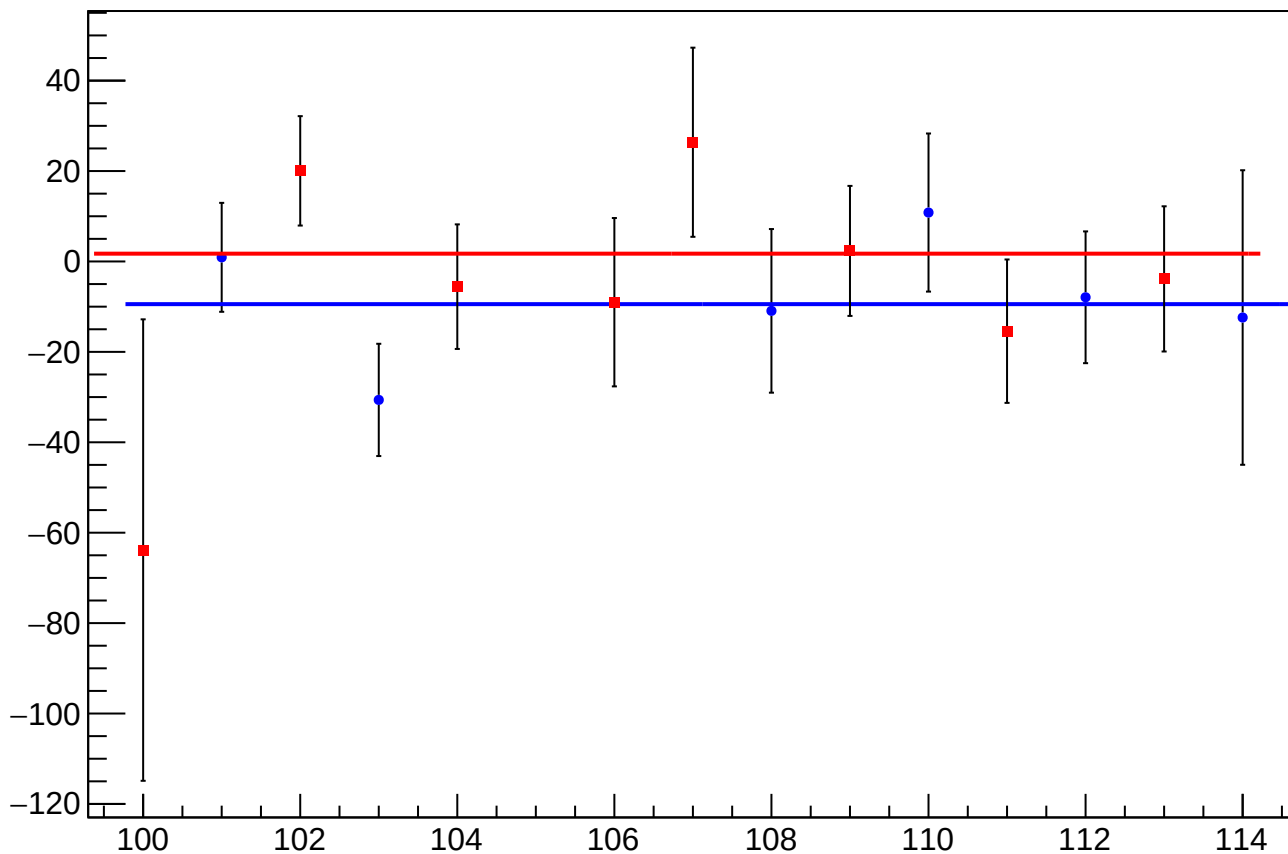
Right: 22.239+/-0.006 χ^2/NDF : 21599.0/13

In: 22.429+/-0.010 χ^2/NDF : 8999.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.239+/-0.006 χ^2/NDF : 21599.0/13

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

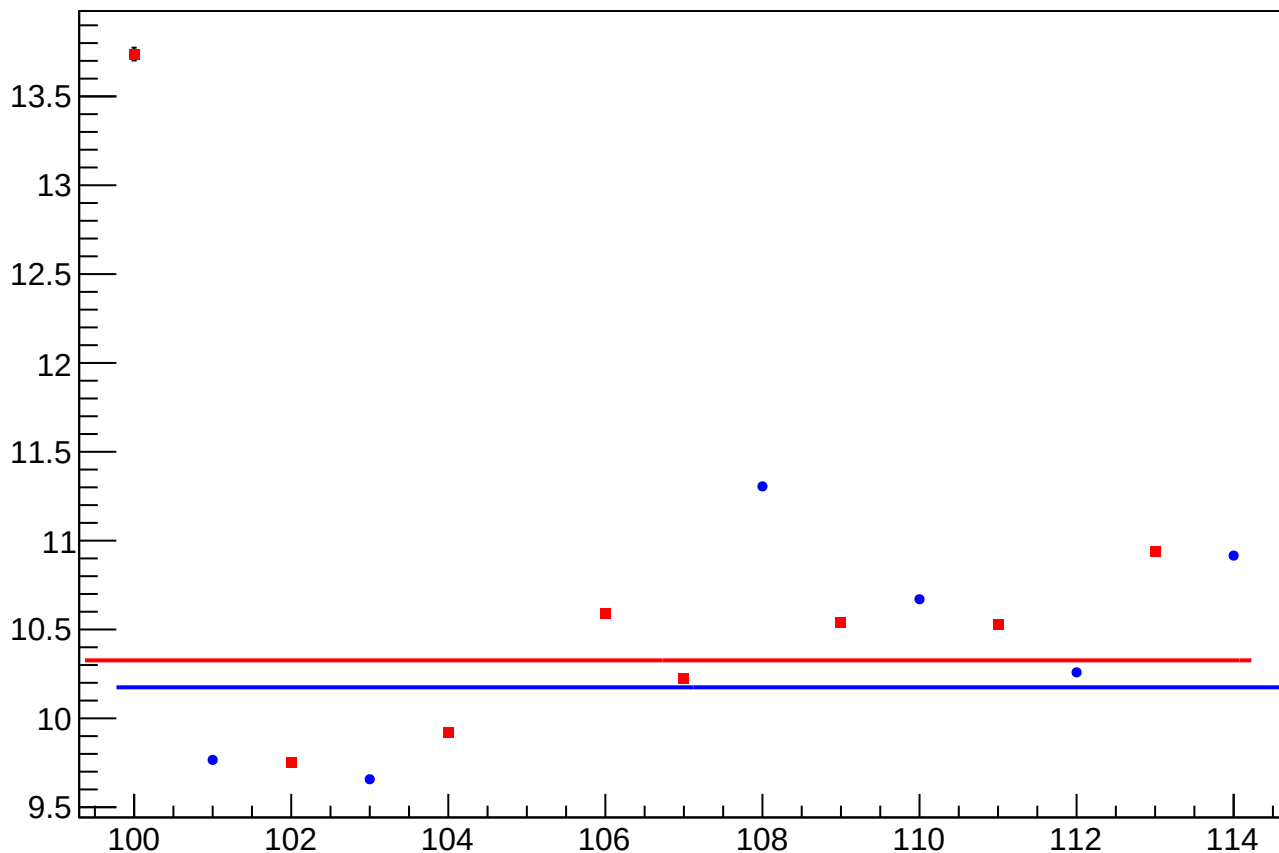
Right: -3.359+/-4.238 χ^2/NDF : 14.0/13

In: -9.442+/-6.281 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.359+/-4.238 χ^2/NDF : 14.0/13

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

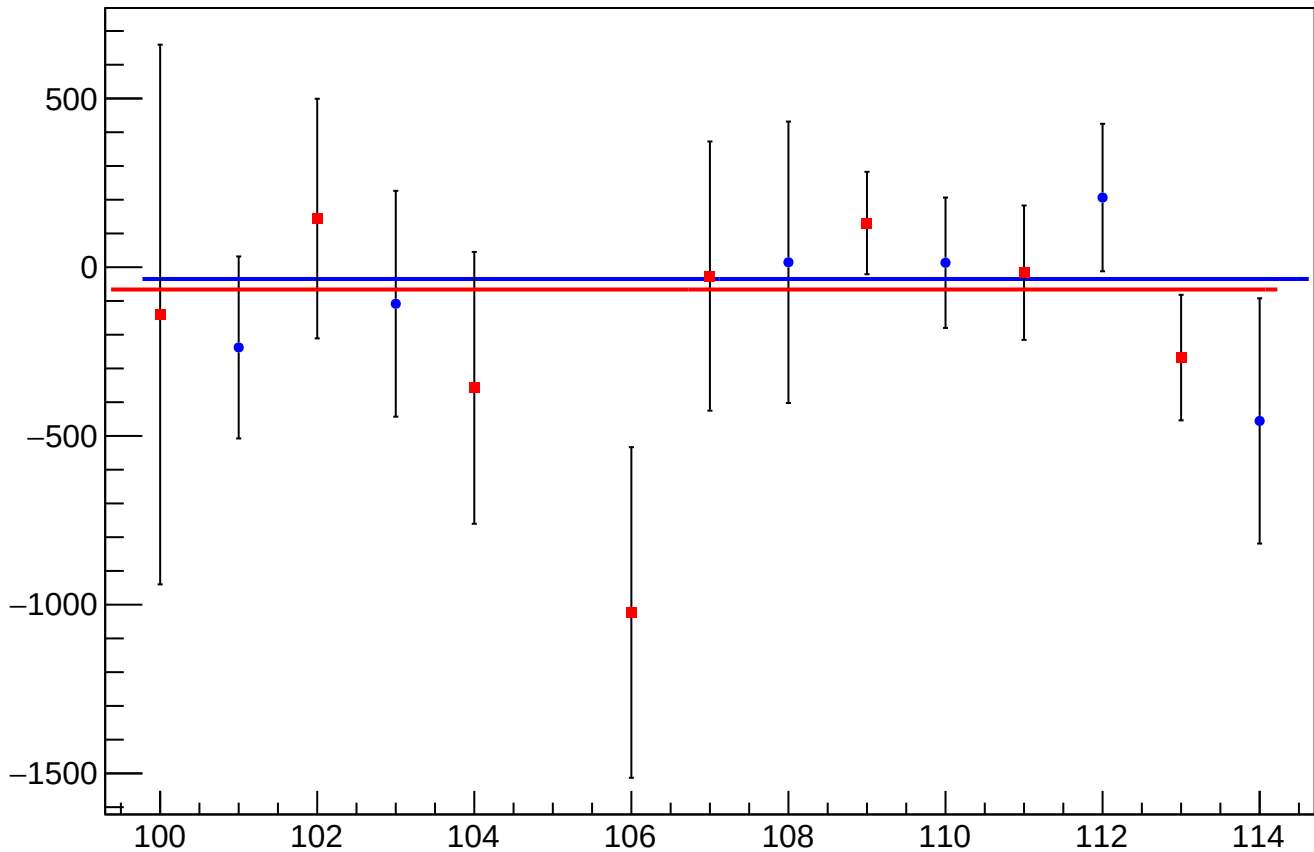
Right: 10.257+/-0.003 χ^2/NDF : 36216.1/13

In: 10.175+/-0.004 χ^2/NDF : 16285.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.257+/-0.003 χ^2/NDF : 36216.1/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

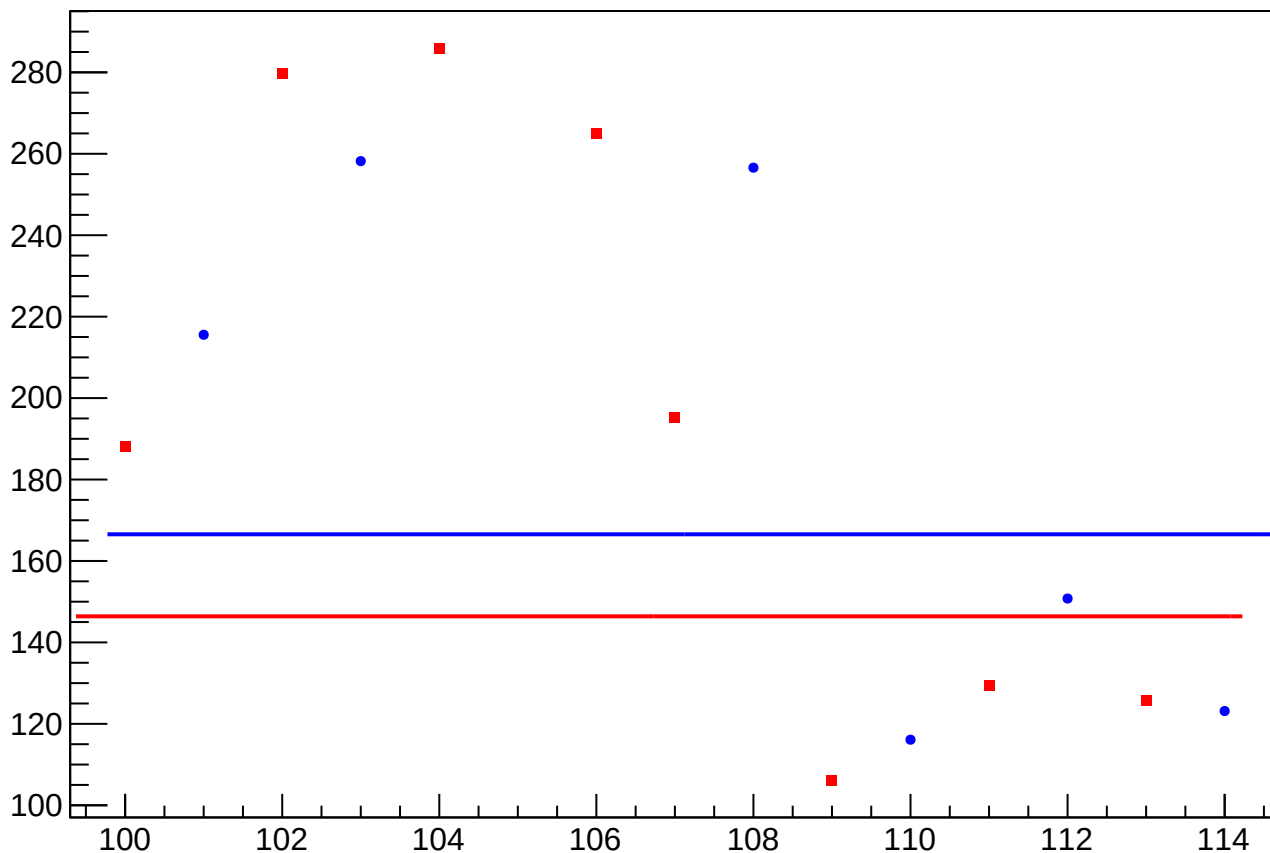
Right: -53.489+/-69.435 χ^2/NDF : 10.9/13

In: -34.923+/-109.290 χ^2/NDF :3.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -53.489+/-69.435 χ^2/NDF : 10.9/13

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 166.549+/-0.077 χ^2/NDF : 484559.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.407+/-0.064 χ^2/NDF : 854143.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

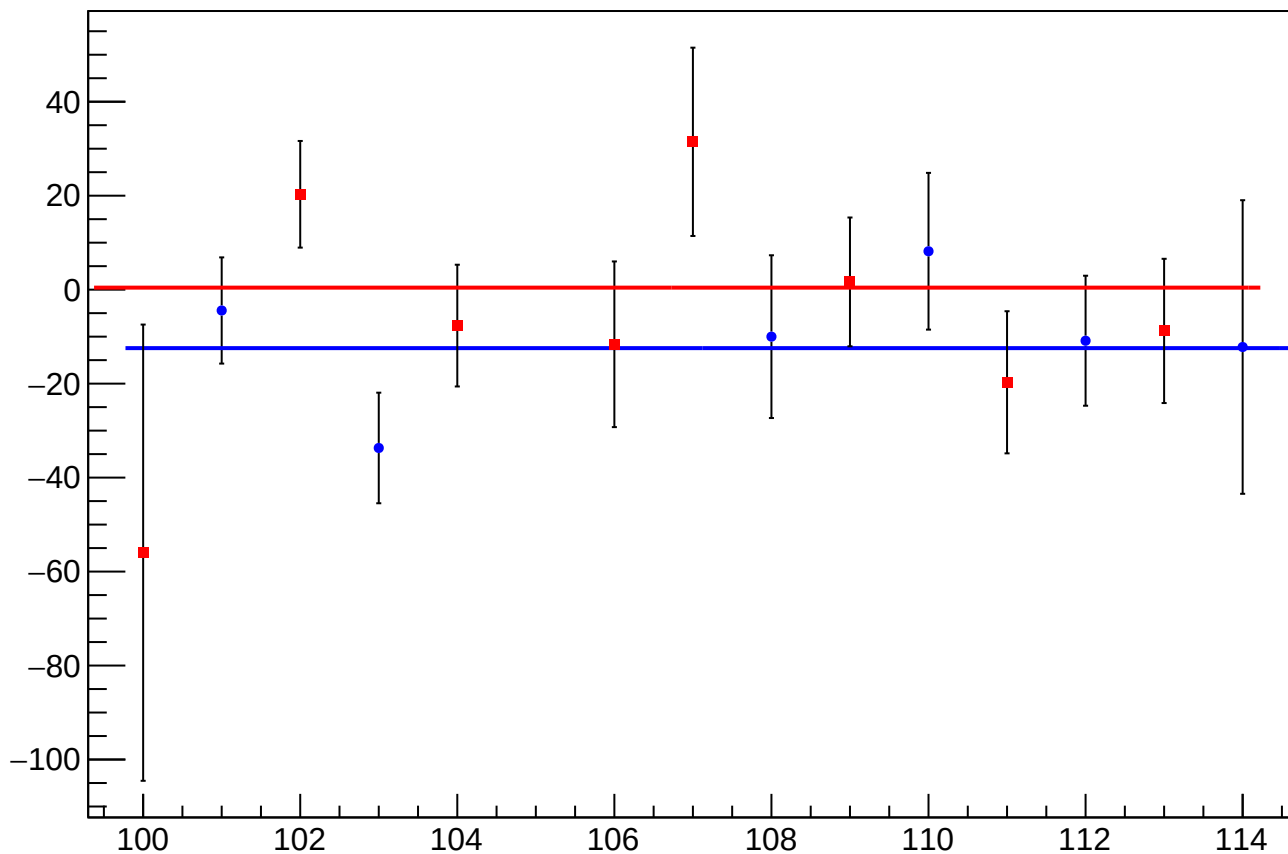
Right: 154.537+/-0.049 χ^2/NDF : 1379215.1/13

In: 166.549+/-0.077 χ^2/NDF : 484559.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.537+/-0.049 χ^2/NDF : 1379215.1/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

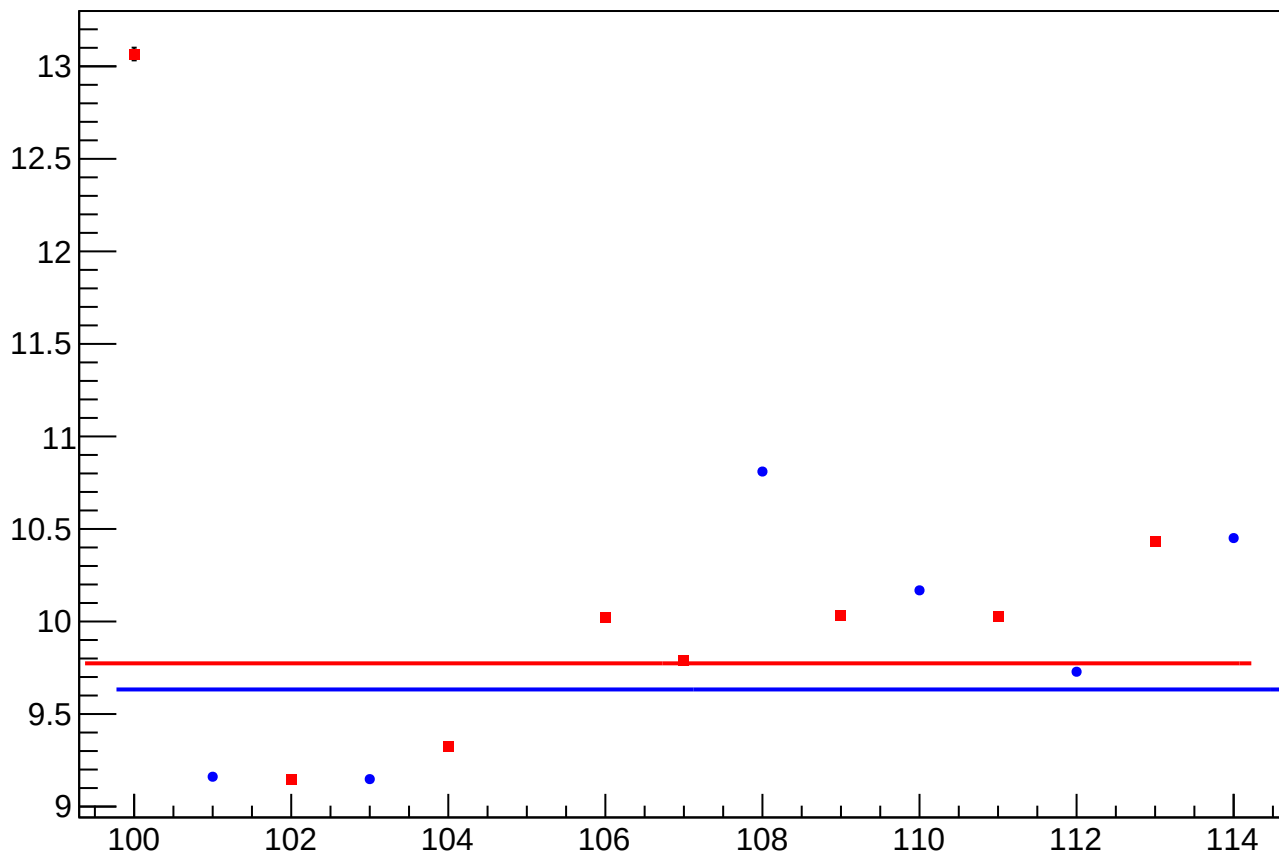
Right: -5.428 $\pm$ 4.015 χ^2 /NDF: 17.7/13

In: -12.443 $\pm$ 5.952 χ^2 /NDF: 5.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.428 $\pm$ 4.015 χ^2 /NDF: 17.7/13

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.633+/-0.004 χ^2/NDF : 19645.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.774+/-0.004 χ^2/NDF : 23054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

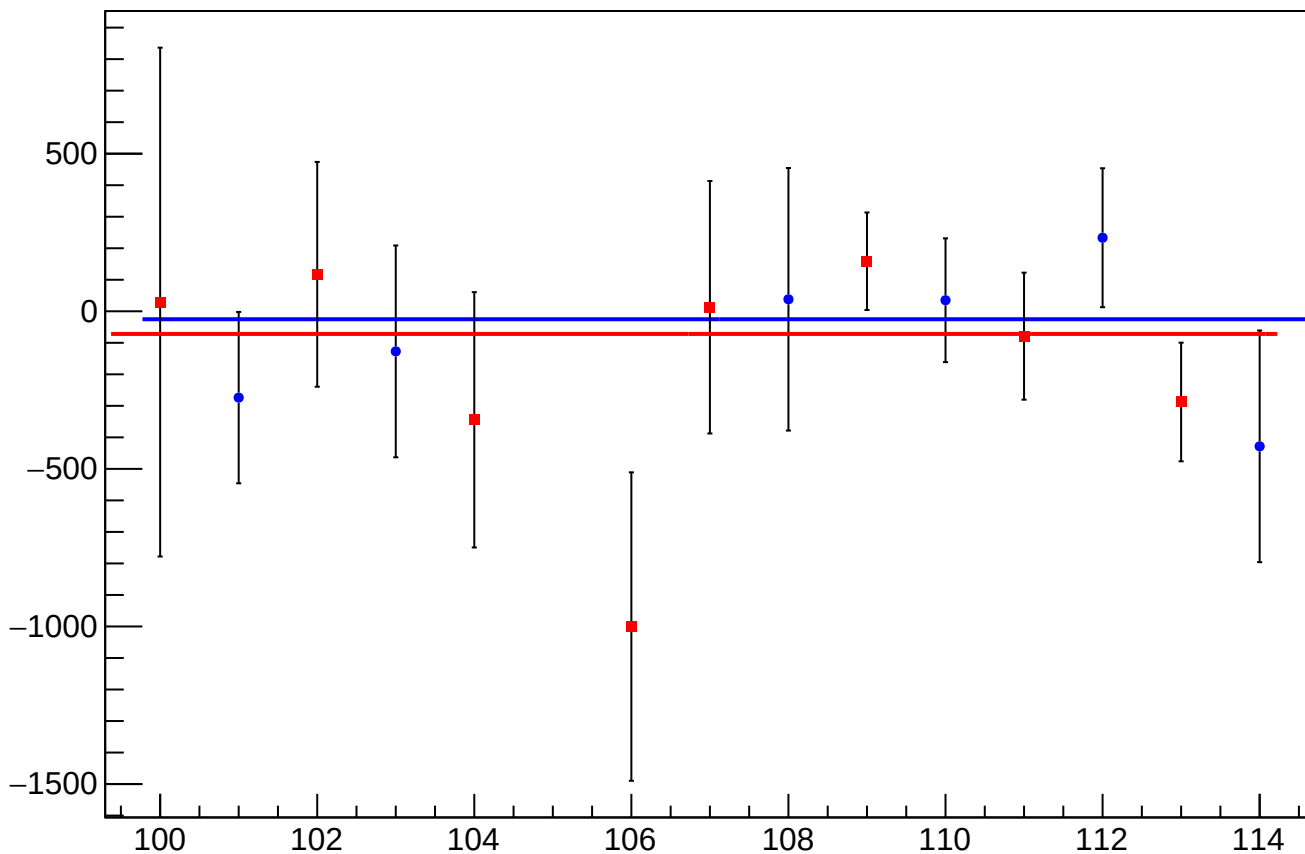
Right: 9.710+/-0.003 χ^2/NDF : 43313.4/13

In: 9.633+/-0.004 χ^2/NDF : 19645.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.710+/-0.003 χ^2/NDF : 43313.4/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

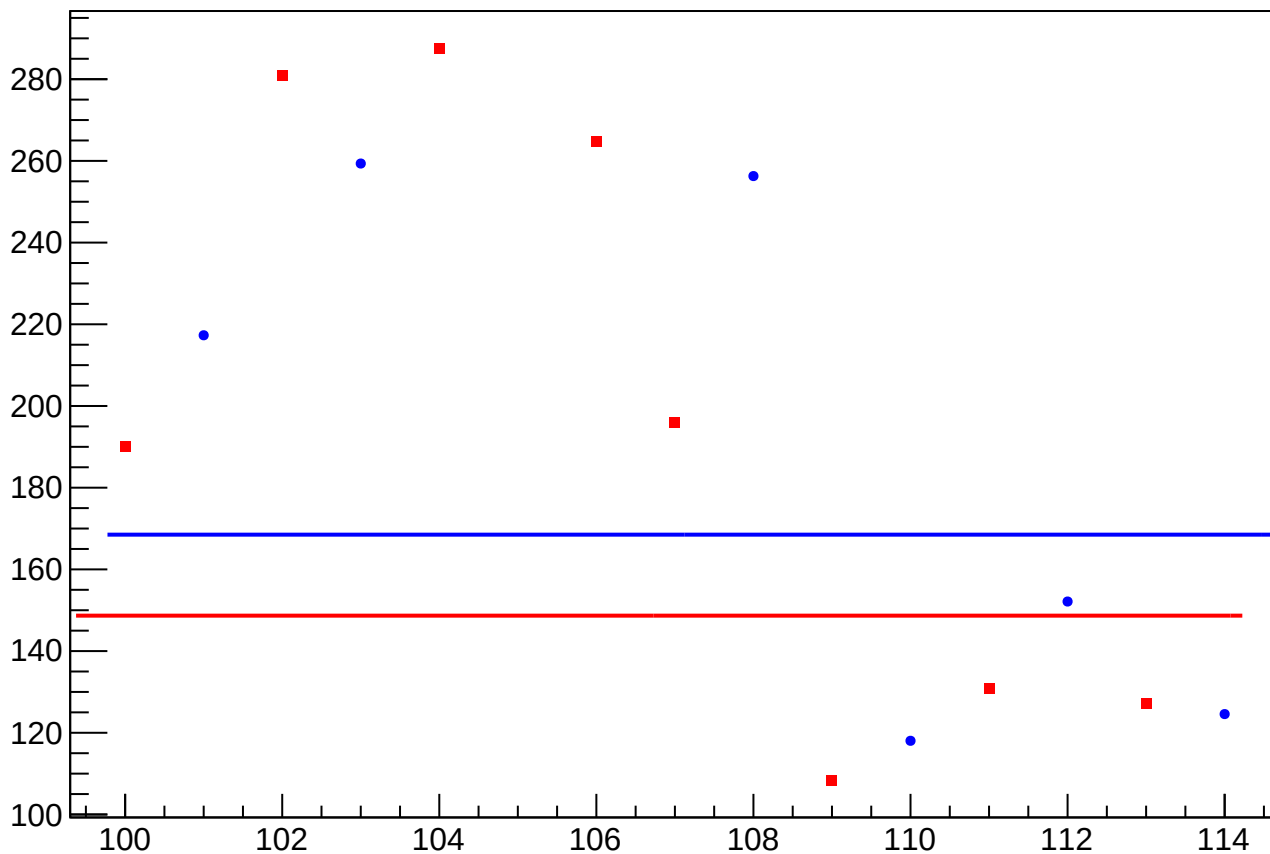
Right: -52.977+/-70.248 χ^2/NDF : 11.7/13

In: -25.246+/-110.380 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.977+/-70.248 χ^2/NDF : 11.7/13

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

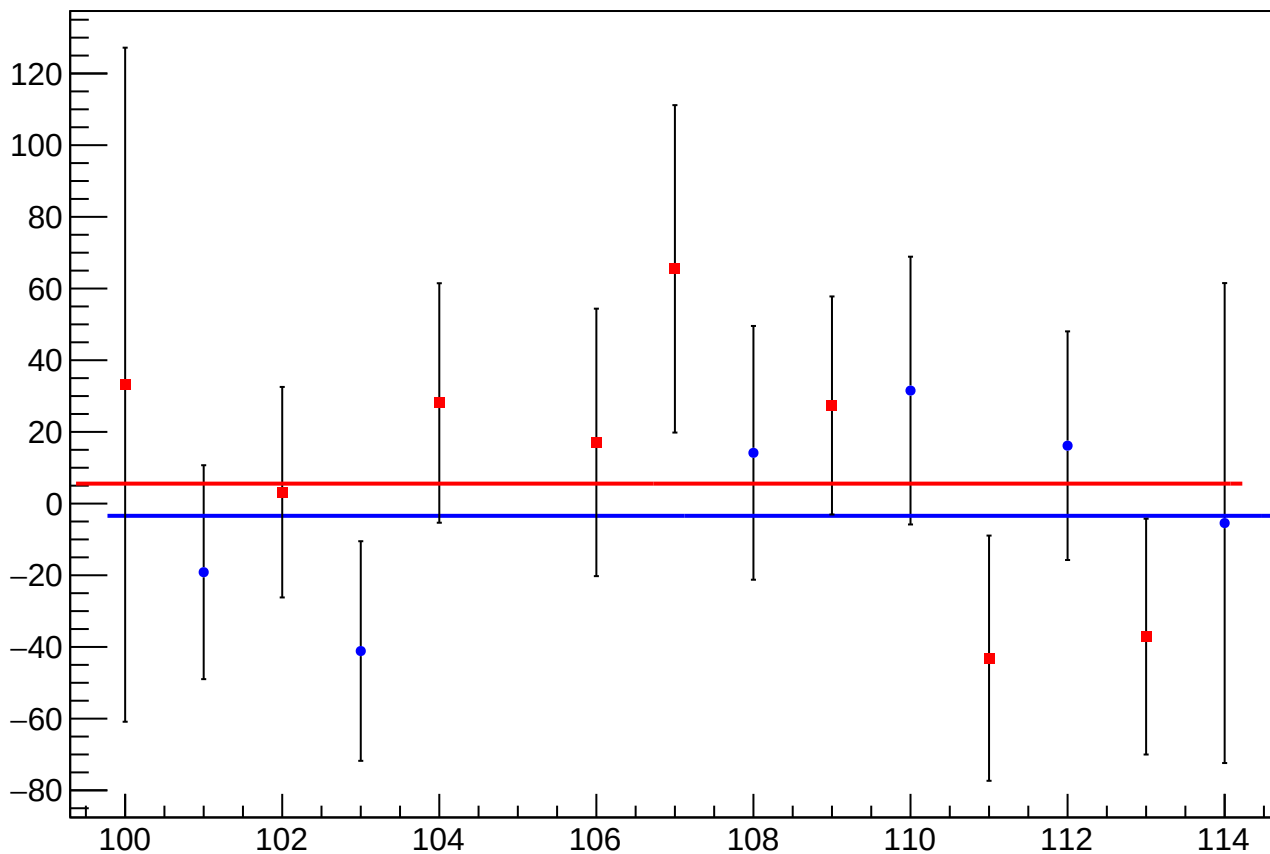
Right: 156.706 $\pm$ 0.050 χ^2 /NDF: 1342242.4/13

In: 168.502 $\pm$ 0.078 χ^2 /NDF:471180.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.706 $\pm$ 0.050 χ^2 /NDF: 1342242.4/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

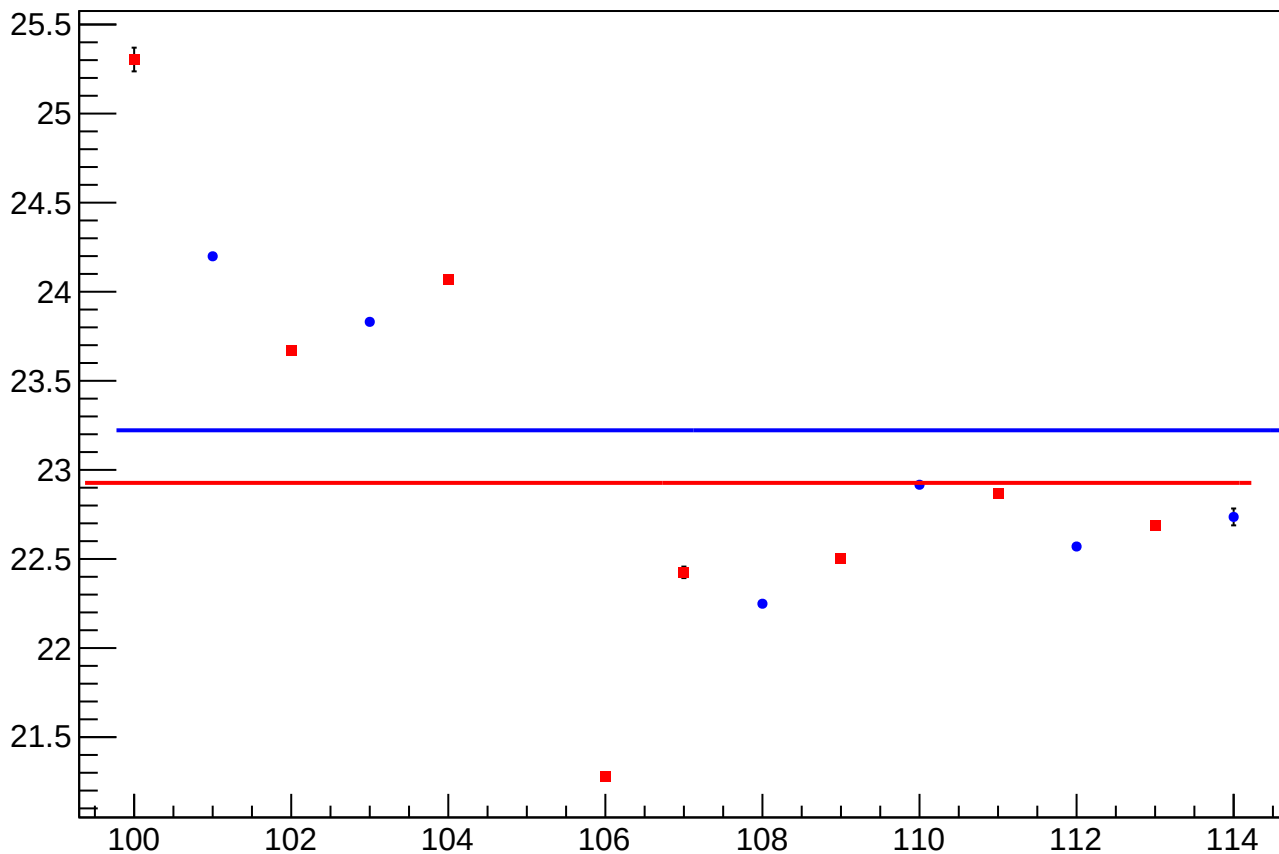
Right: 1.608+/-9.477 χ^2/NDF : 10.1/13

In: -3.414+/-14.273 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.608+/-9.477 χ^2/NDF : 10.1/13

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

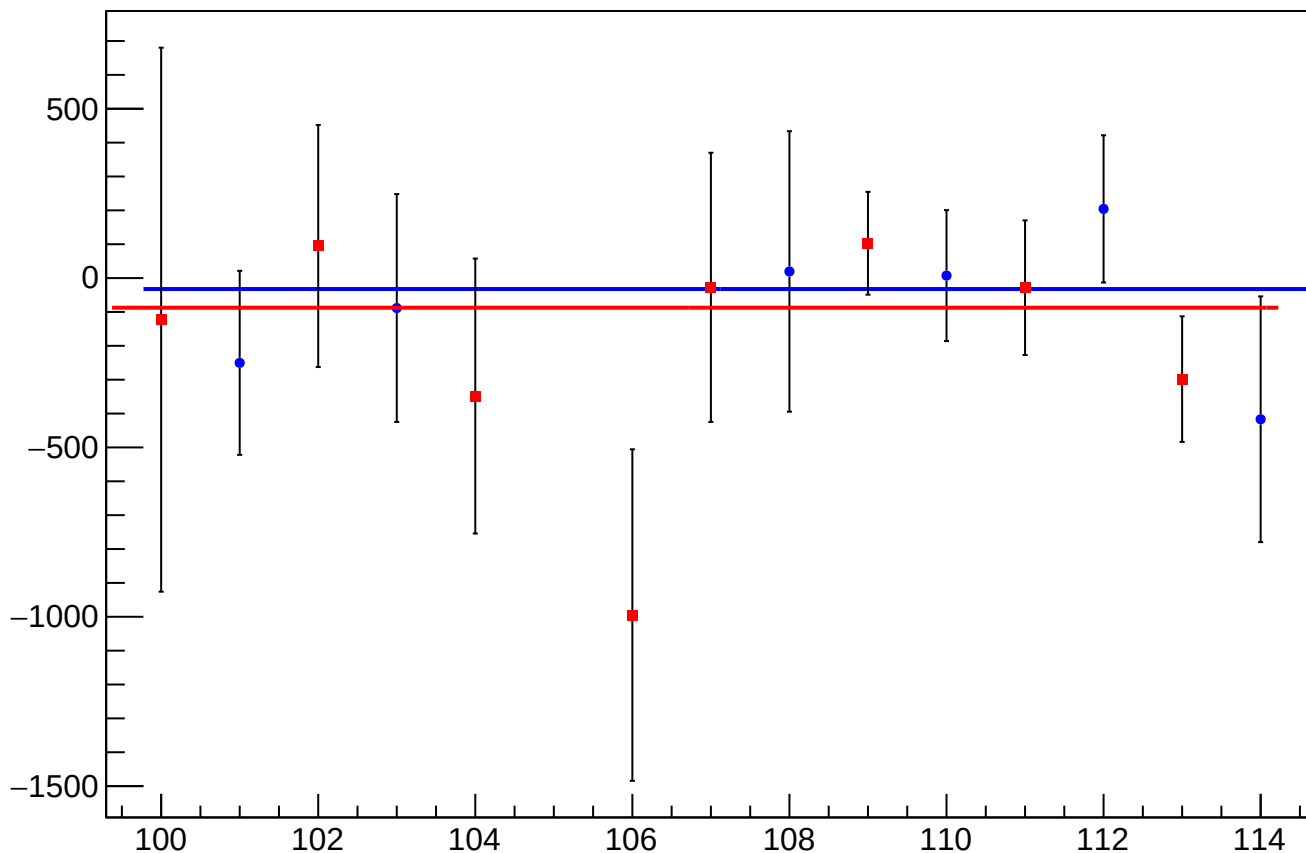
Right: 23.057 $\pm$ 0.007 χ^2 /NDF: 15519.8/13

In: 23.222 $\pm$ 0.010 χ^2 /NDF:5520.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.057 $\pm$ 0.007 χ^2 /NDF: 15519.8/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -32.278+/-109.294 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.426+/-89.890 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

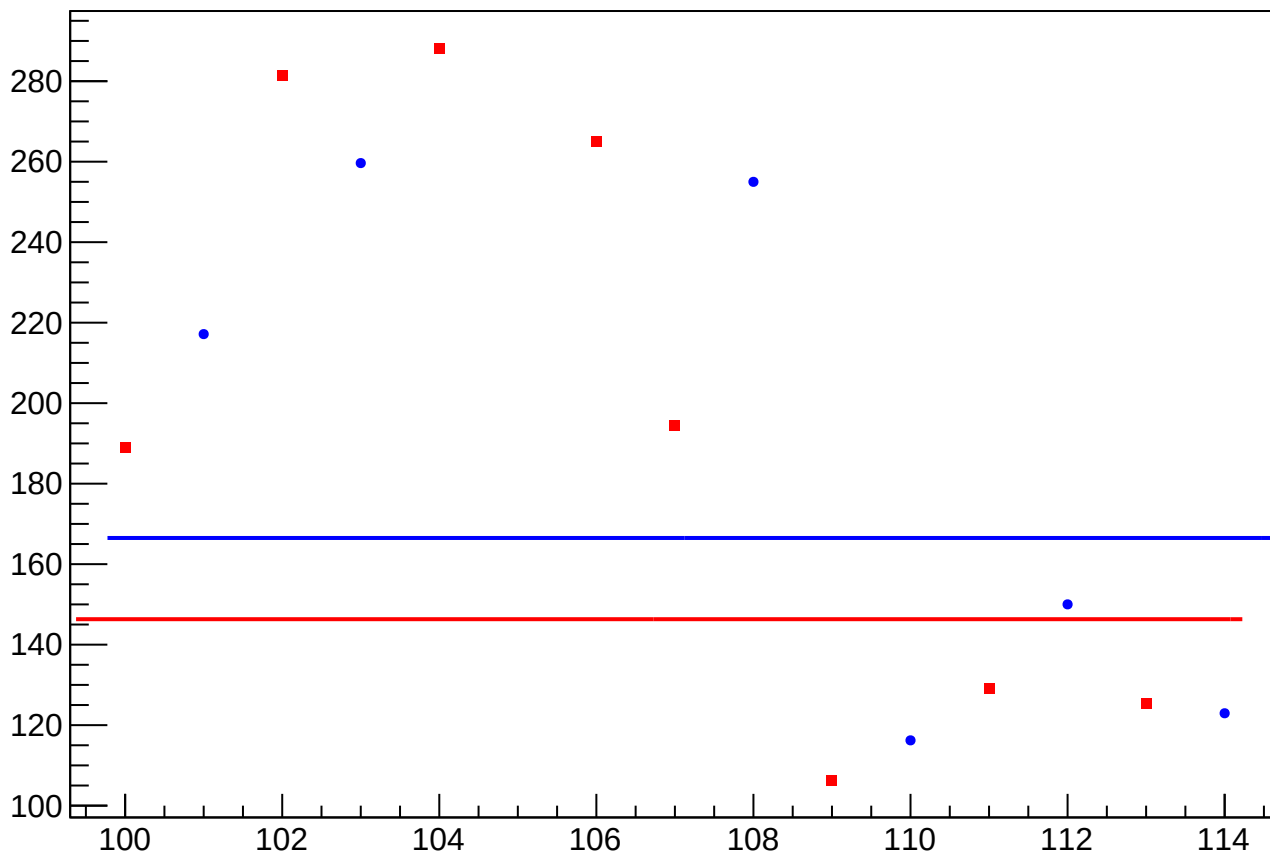
Right: -65.174+/-69.425 χ^2/NDF : 10.3/13

In: -32.278+/-109.294 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.174+/-69.425 χ^2/NDF : 10.3/13

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

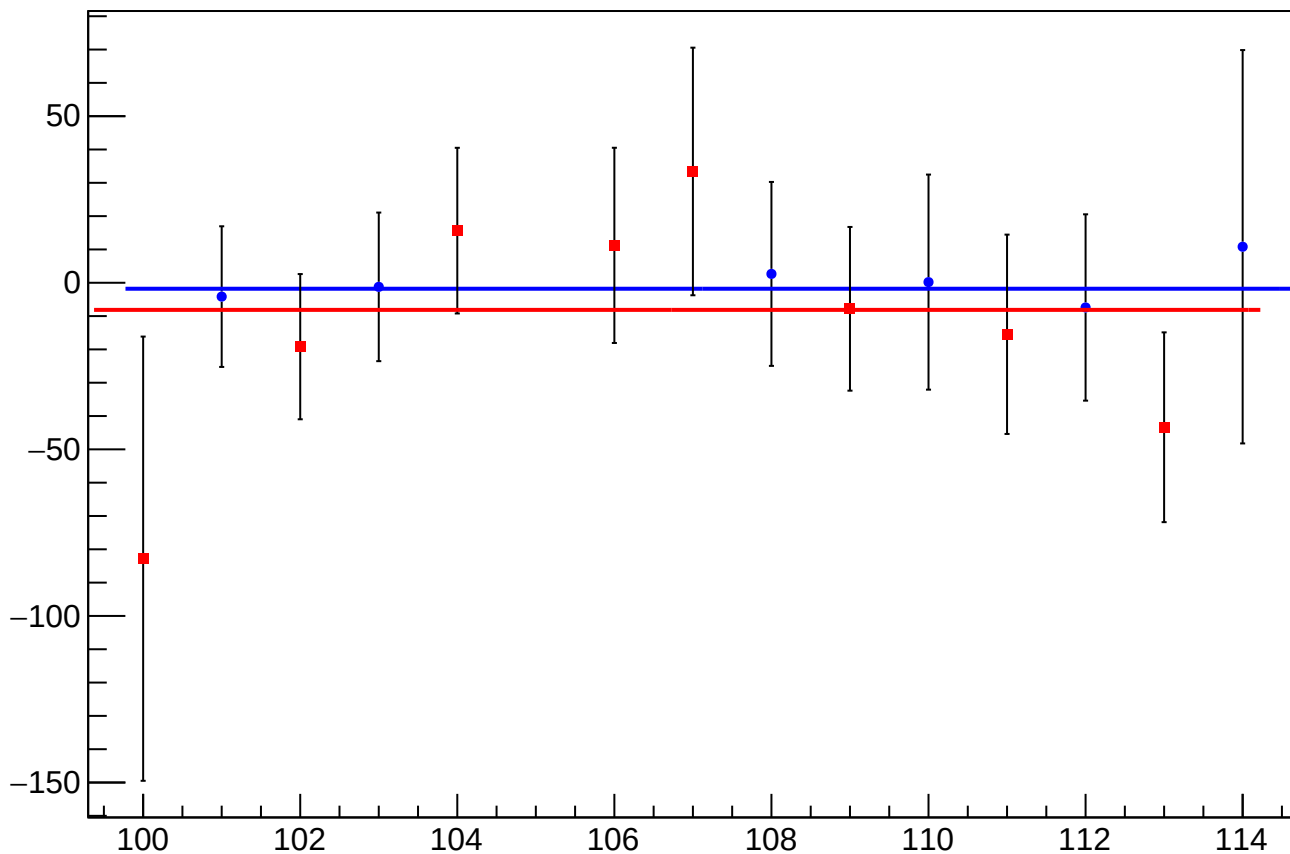
Right: 154.468+/-0.049 χ^2/NDF : 1392515.2/13

In: 166.506+/-0.077 χ^2/NDF : 489673.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.468+/-0.049 χ^2/NDF : 1392515.2/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

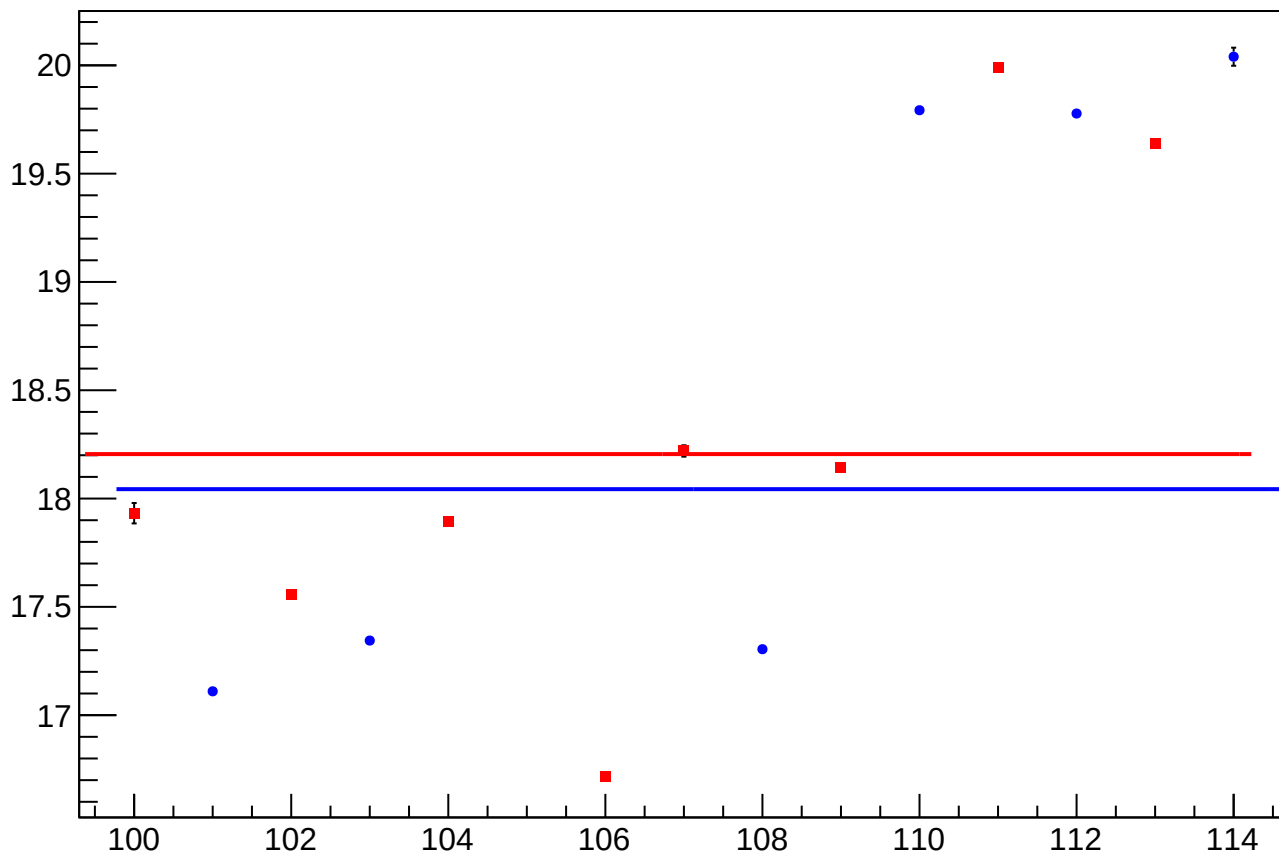
Right: -5.275+/-7.467 χ^2/NDF : 6.0/13

In: -1.792+/-11.116 χ^2/NDF : 0.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.275+/-7.467 χ^2/NDF : 6.0/13

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

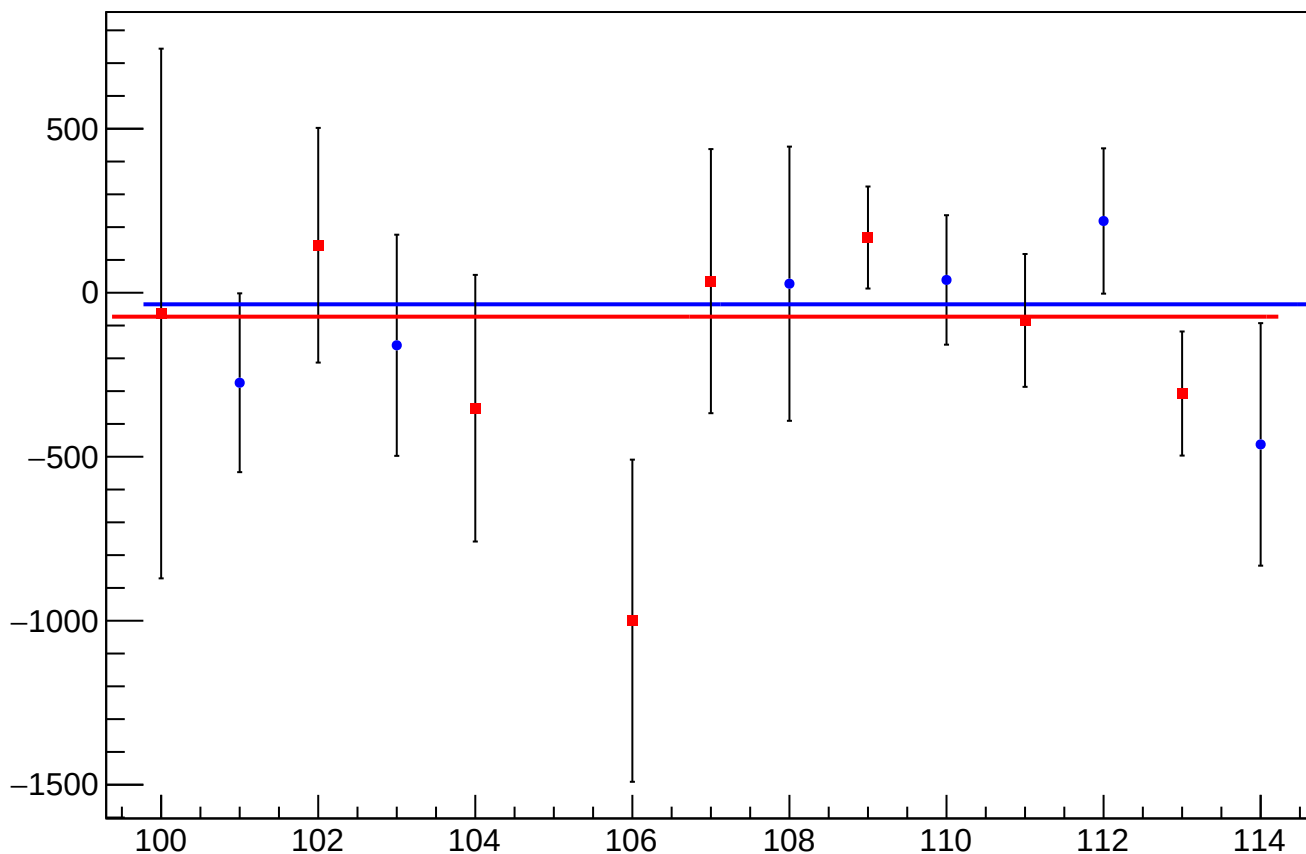
Right: 18.132+/-0.005 χ^2/NDF : 42865.0/13

In: 18.043+/-0.008 χ^2/NDF : 23161.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.132+/-0.005 χ^2/NDF : 42865.0/13

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

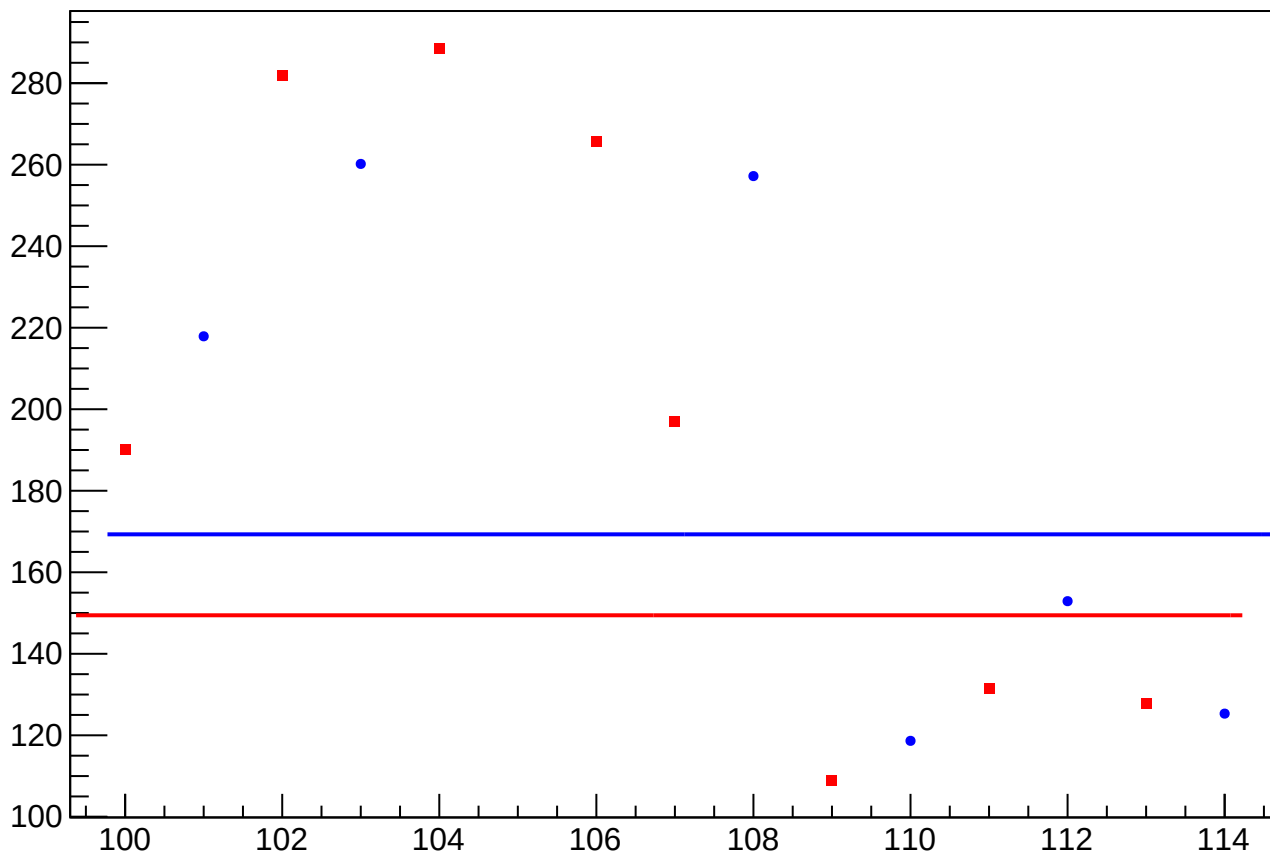
Right: -57.703+/-70.580 χ^2/NDF : 12.2/13

In: -35.291+/-110.875 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.703+/-70.580 χ^2/NDF : 12.2/13

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

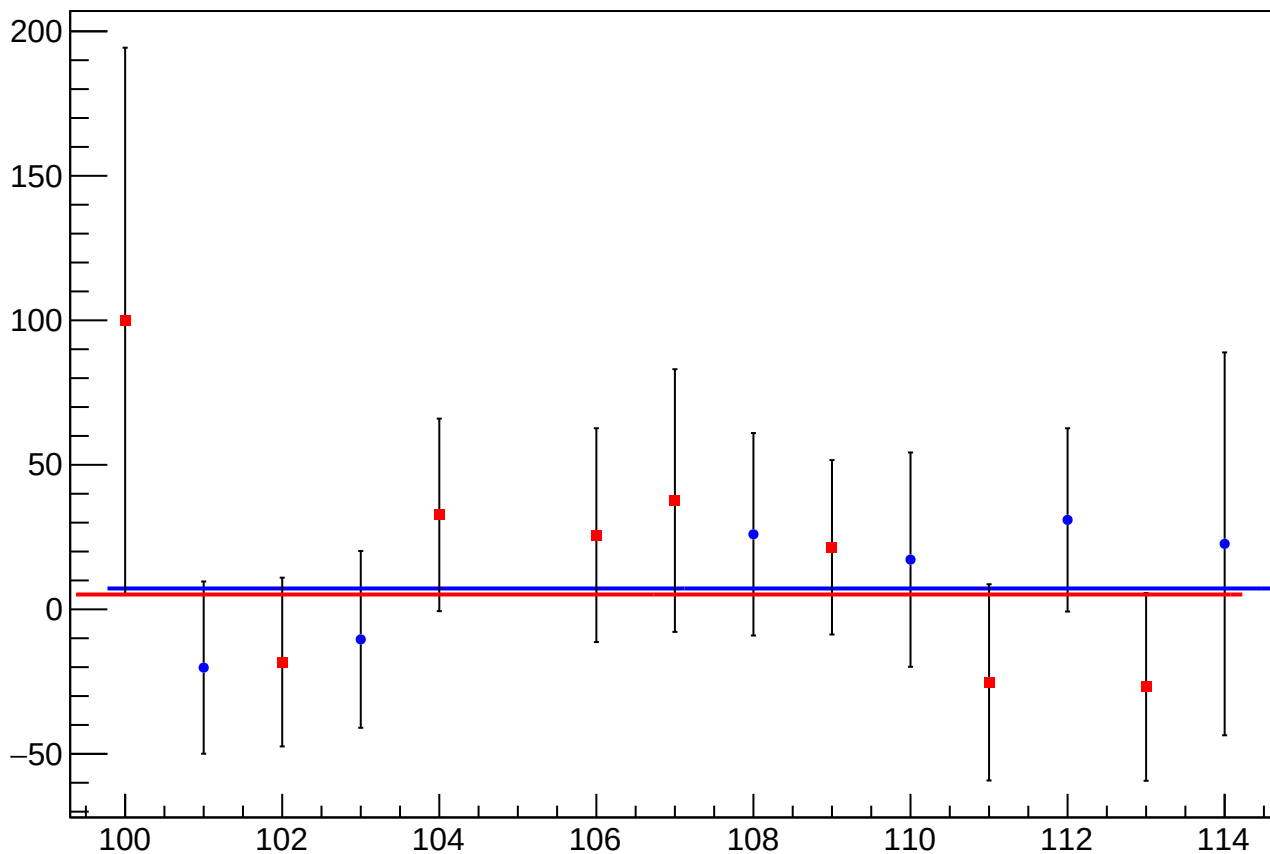
Right: 157.495+/-0.050 χ^2/NDF : 1336184.1/13

In: 169.307+/-0.078 χ^2/NDF : 468369.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.495+/-0.050 χ^2/NDF : 1336184.1/13

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

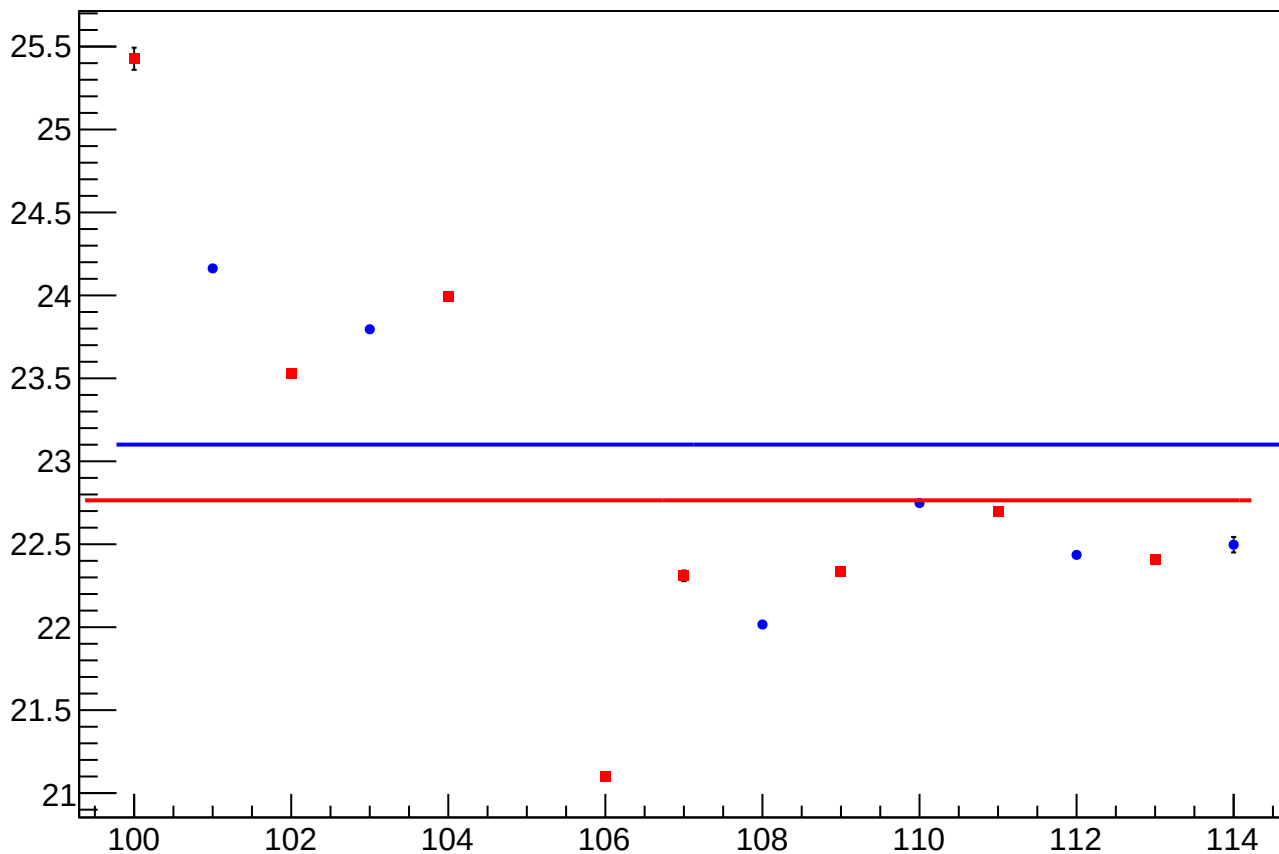
Right: 6.052+/-9.418 χ^2/NDF : 7.4/13

In: 7.221+/-14.199 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.052+/-9.418 χ^2/NDF : 7.4/13

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

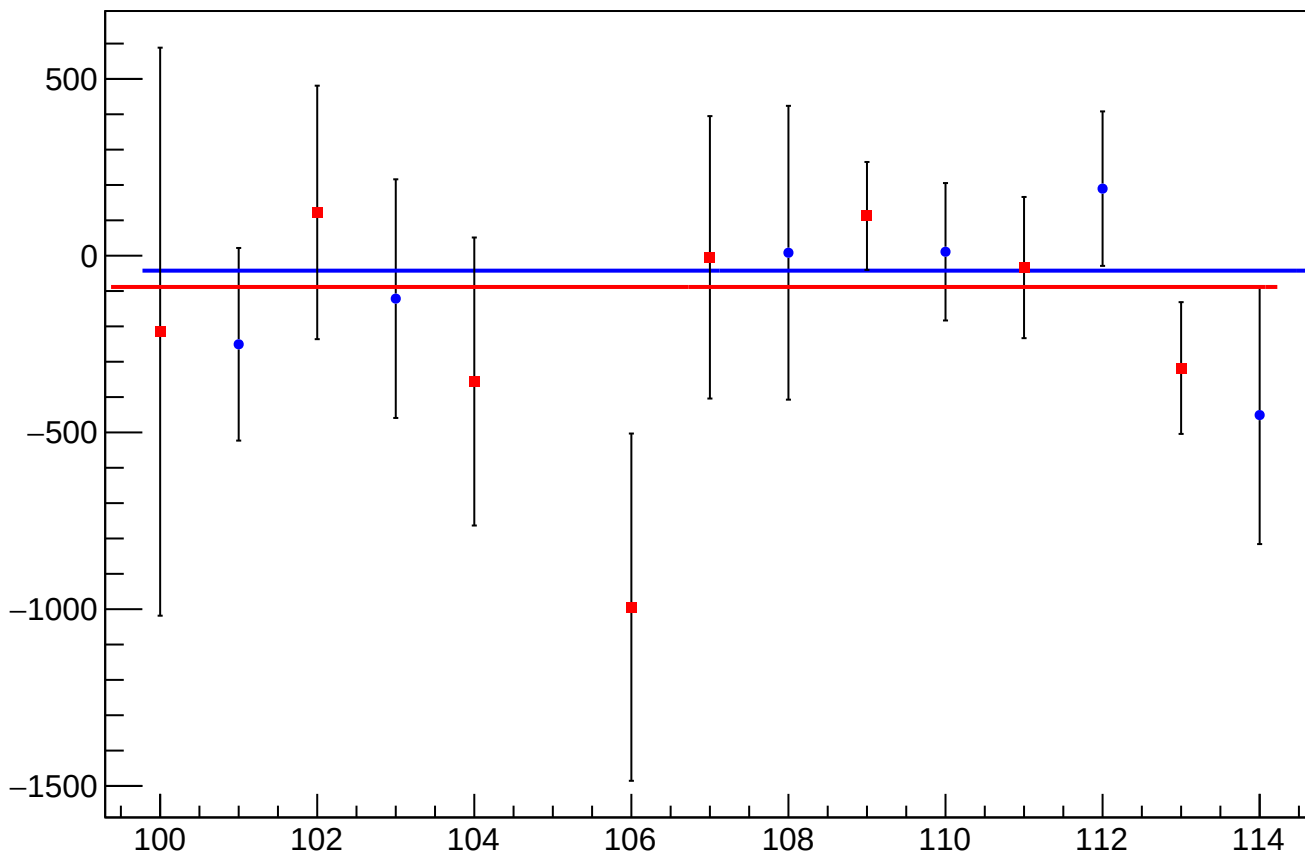
Right: 22.912+/-0.007 χ^2/NDF : 17927.3/13

In: 23.101+/-0.010 χ^2/NDF : 6716.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.912+/-0.007 χ^2/NDF : 17927.3/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

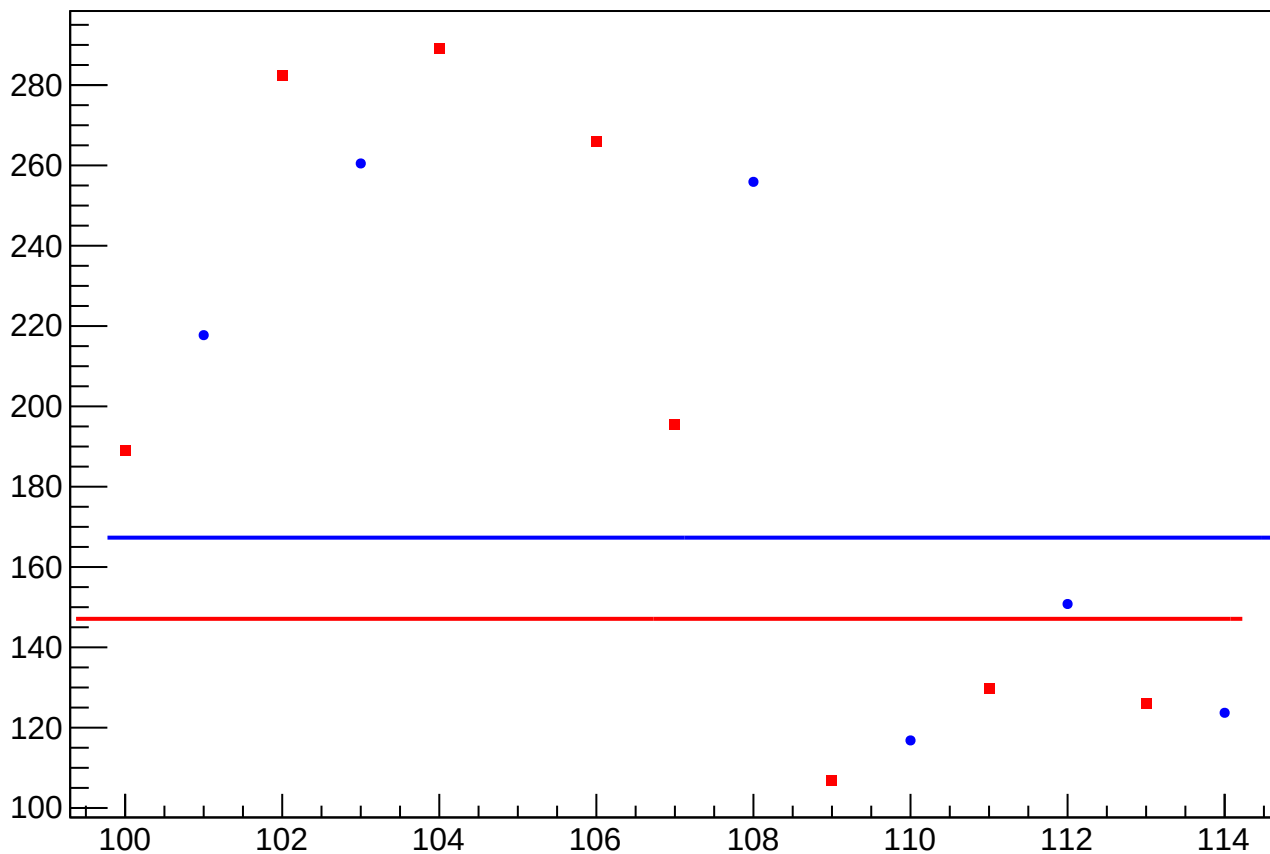
Right: -69.866+/-69.759 χ^2/NDF : 10.8/13

In: -42.353+/-109.791 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.866+/-69.759 χ^2/NDF : 10.8/13

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

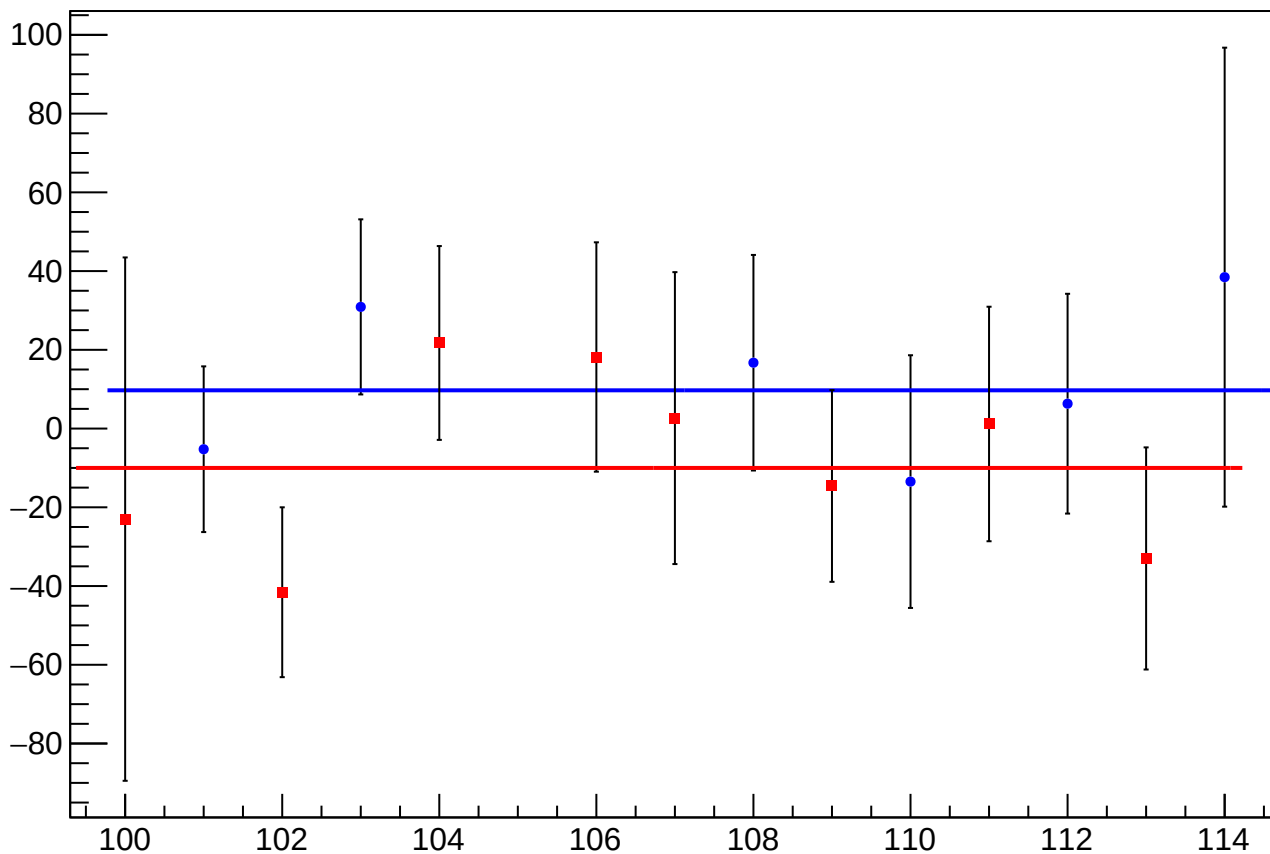
Right: 155.261+/-0.049 χ^2/NDF : 1386088.5/13

In: 167.315+/-0.078 χ^2/NDF : 486697.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.261+/-0.049 χ^2/NDF : 1386088.5/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.714+/-11.069 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.002+/-9.999 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

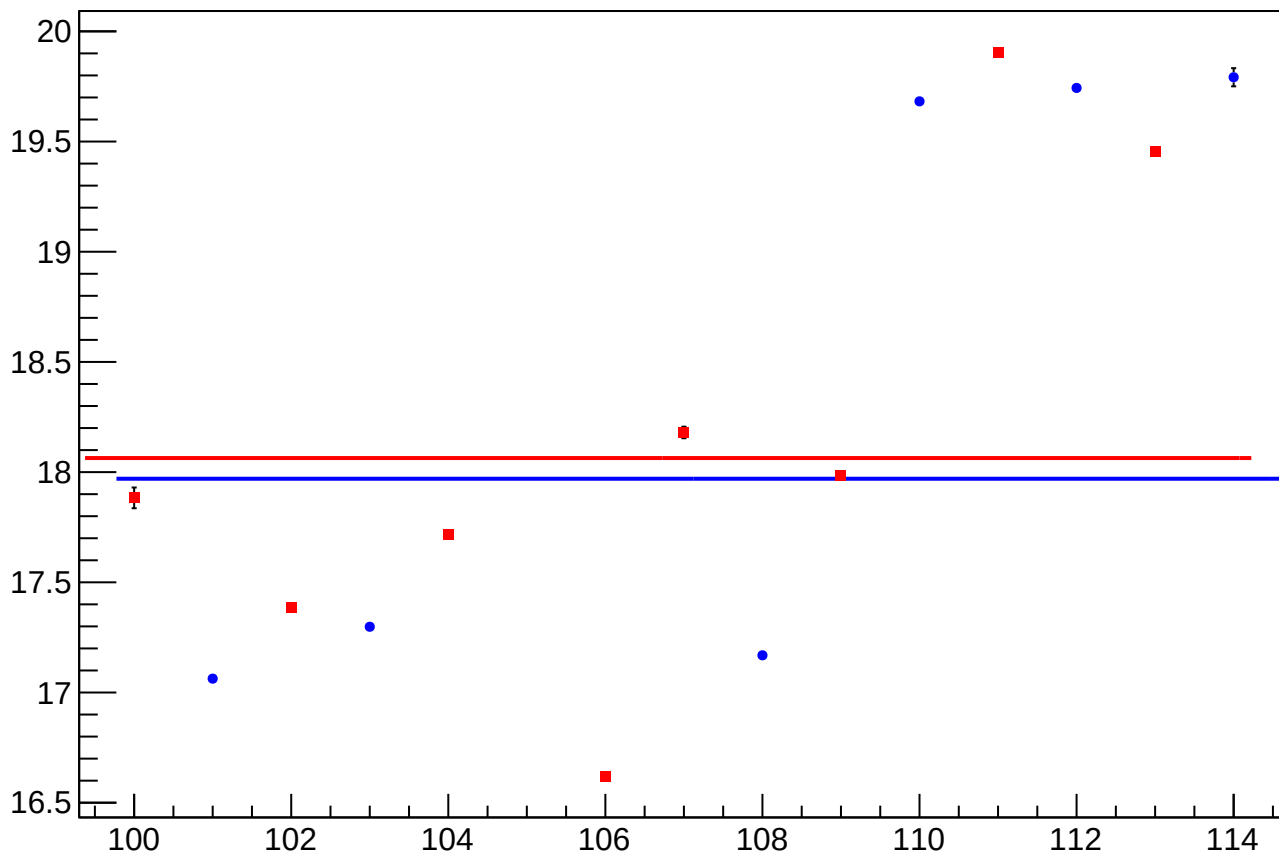
Right: -1.142+/-7.420 χ^2/NDF : 9.7/13

In: 9.714+/-11.069 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.142+/-7.420 χ^2/NDF : 9.7/13

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

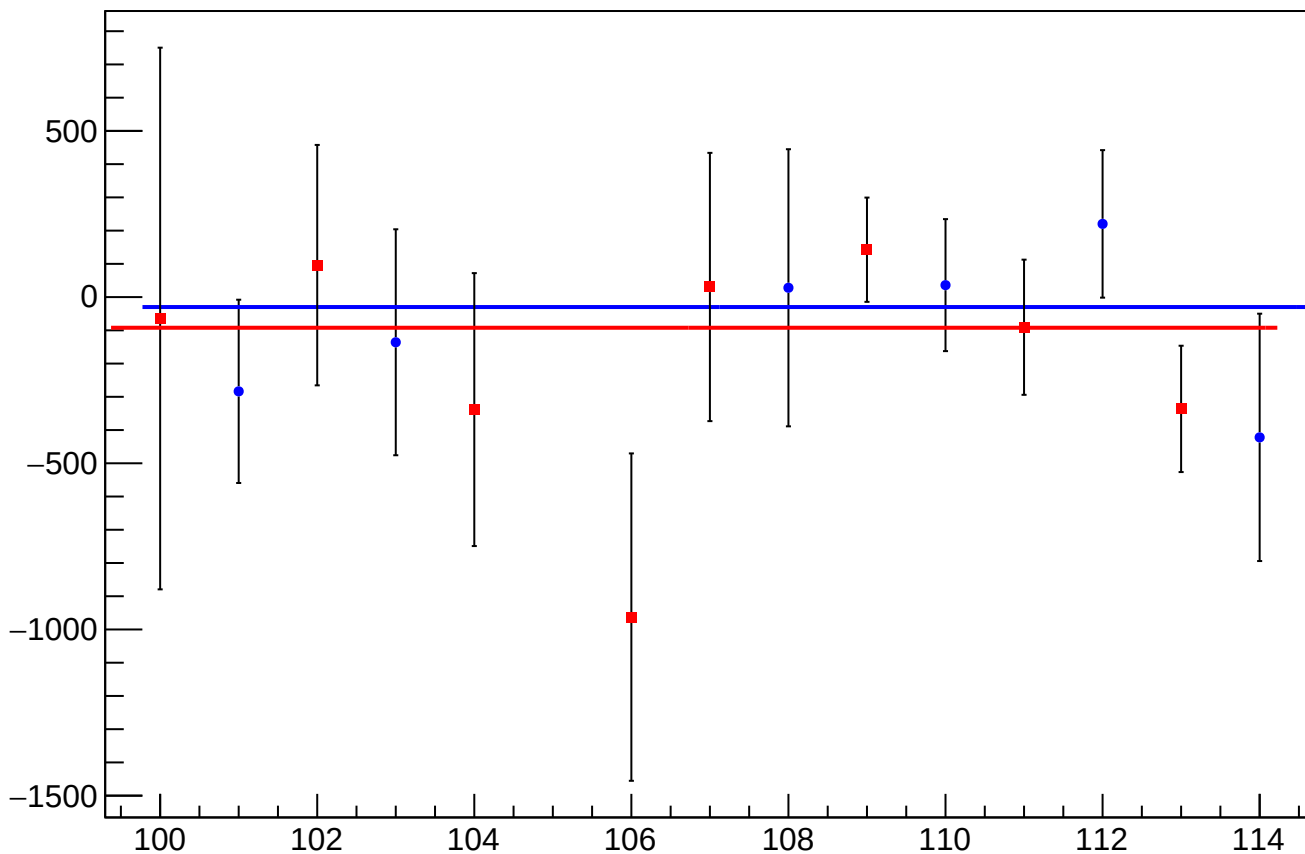
Right: 18.022+/-0.005 χ^2/NDF : 42912.3/13

In: 17.970+/-0.008 χ^2/NDF : 22971.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.022+/-0.005 χ^2/NDF : 42912.3/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -29.906 $\pm$ 111.488 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -92.201 $\pm$ 92.111 χ^2 /NDF: 7.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

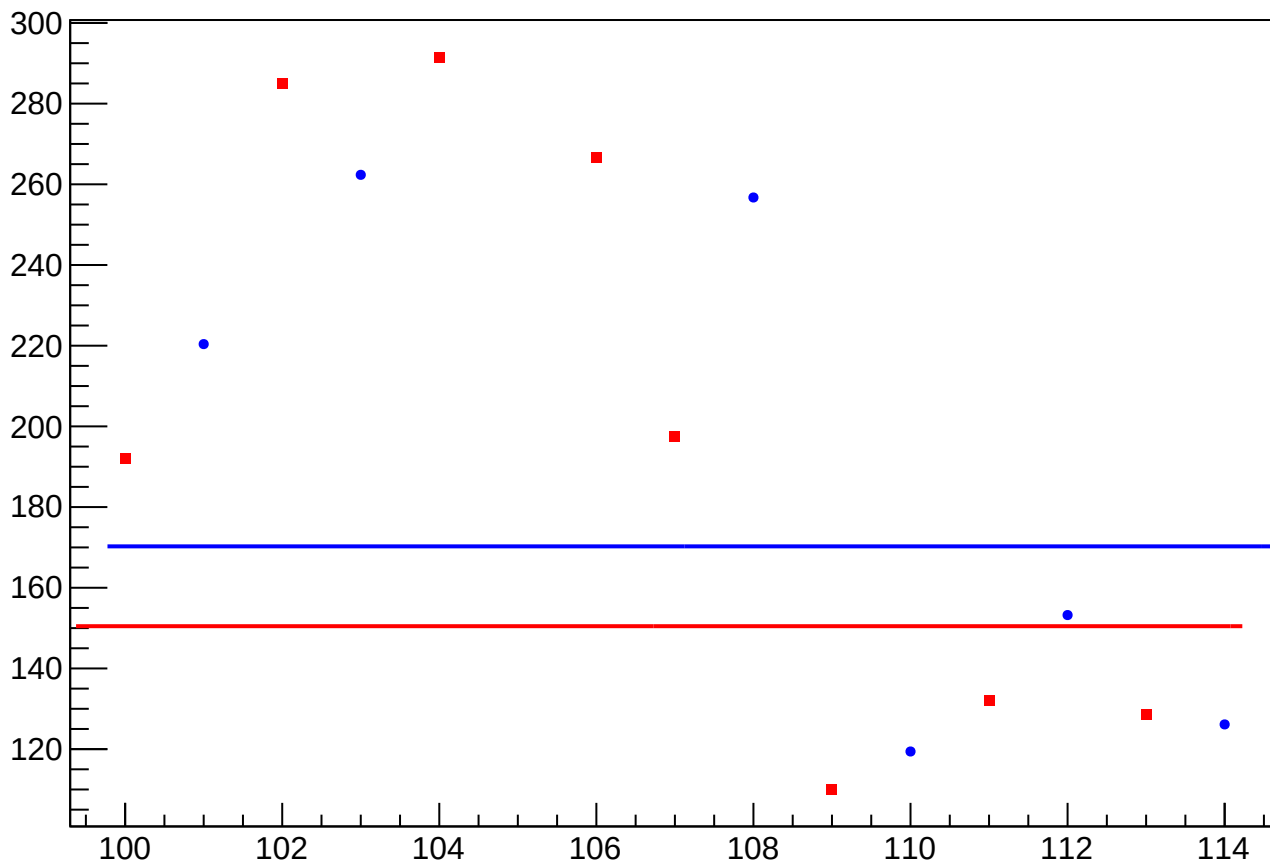
Right: -66.929 $\pm$ 71.010 χ^2 /NDF: 11.4/13

In: -29.906 $\pm$ 111.488 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.929 $\pm$ 71.010 χ^2 /NDF: 11.4/13

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.261+/-0.079 χ^2/NDF : 469982.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.474+/-0.065 χ^2/NDF : 831242.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

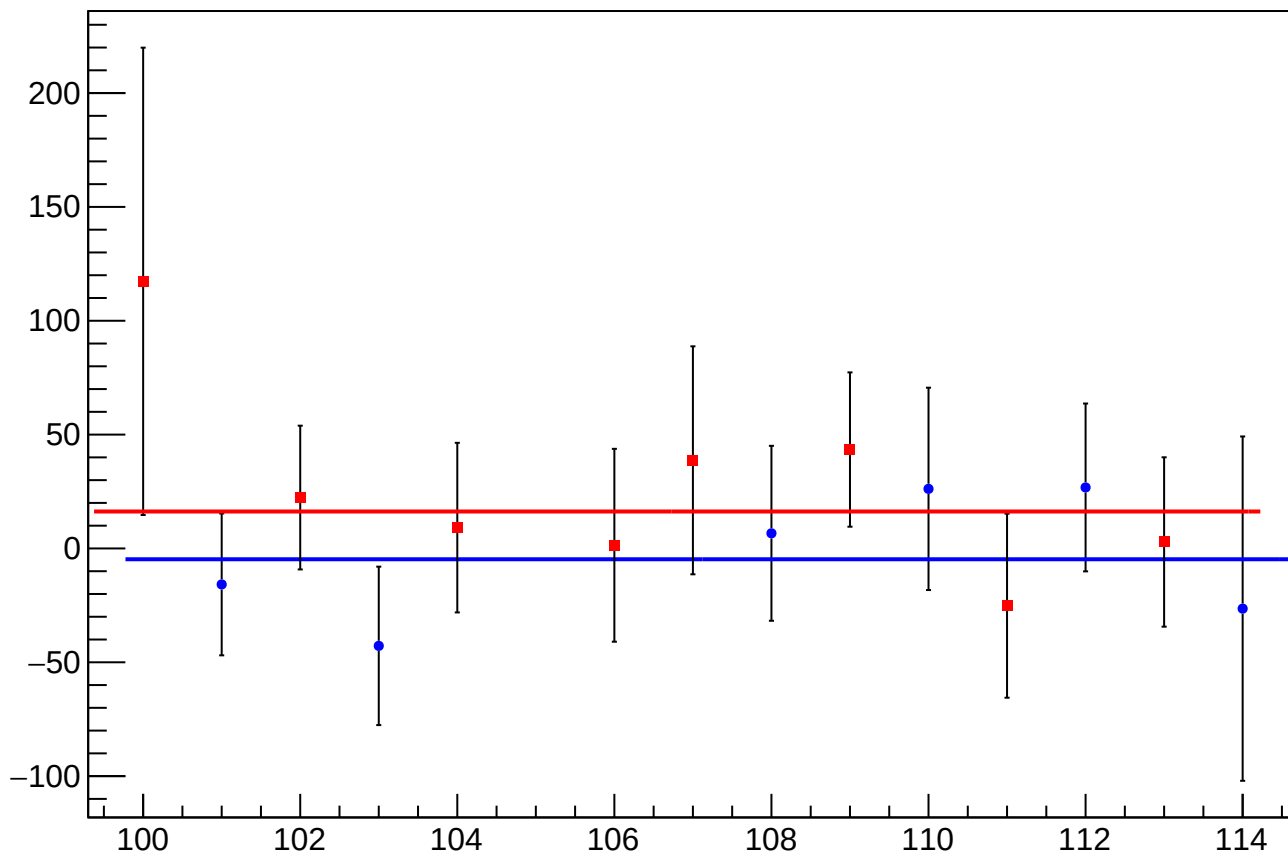
Right: 158.501+/-0.050 χ^2/NDF : 1338666.0/13

In: 170.261+/-0.079 χ^2/NDF : 469982.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.501+/-0.050 χ^2/NDF : 1338666.0/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.750 $\pm$ 15.907 χ^2 /NDF: 2.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.231 $\pm$ 14.168 χ^2 /NDF: 3.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

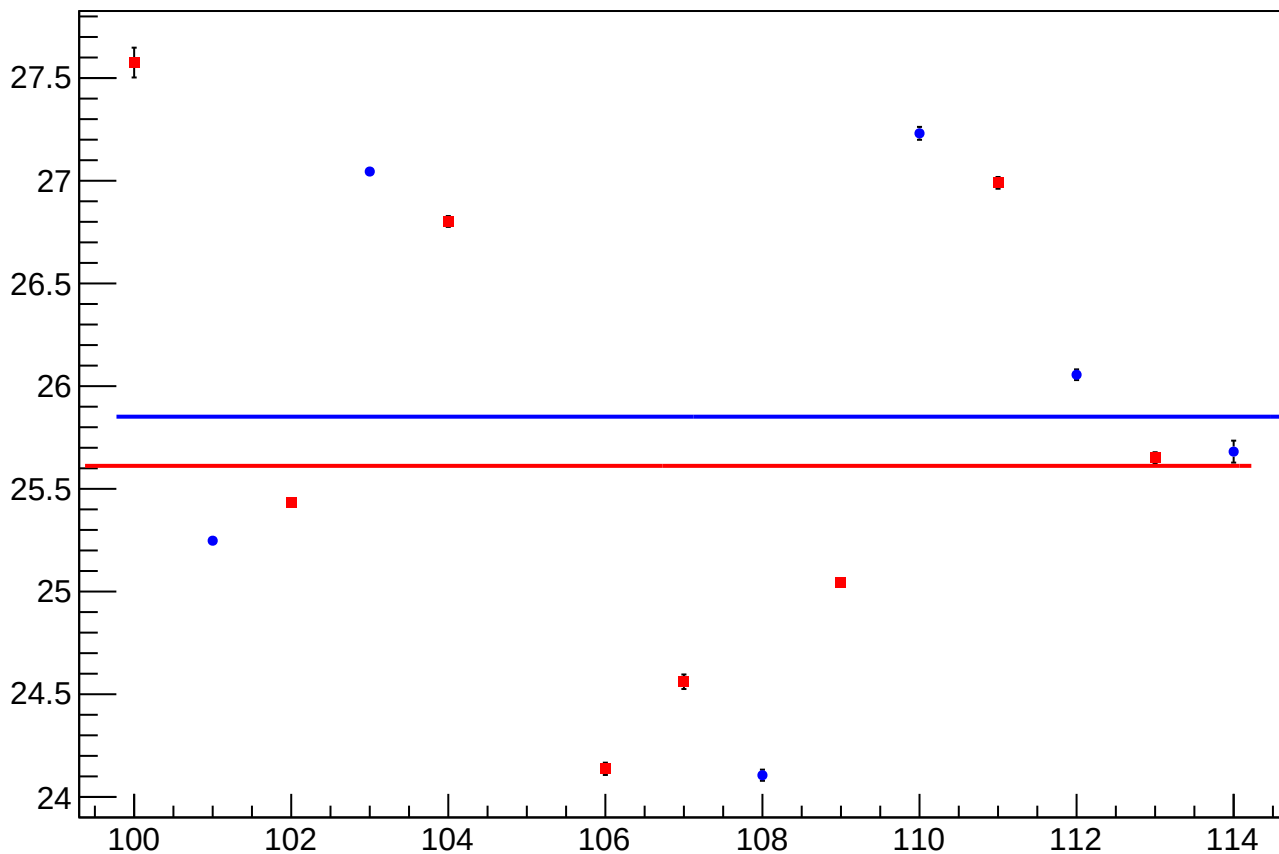
Right: 6.949 $\pm$ 10.580 χ^2 /NDF: 6.9/13

In: -4.750 $\pm$ 15.907 χ^2 /NDF:2.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.949 $\pm$ 10.580 χ^2 /NDF: 6.9/13

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

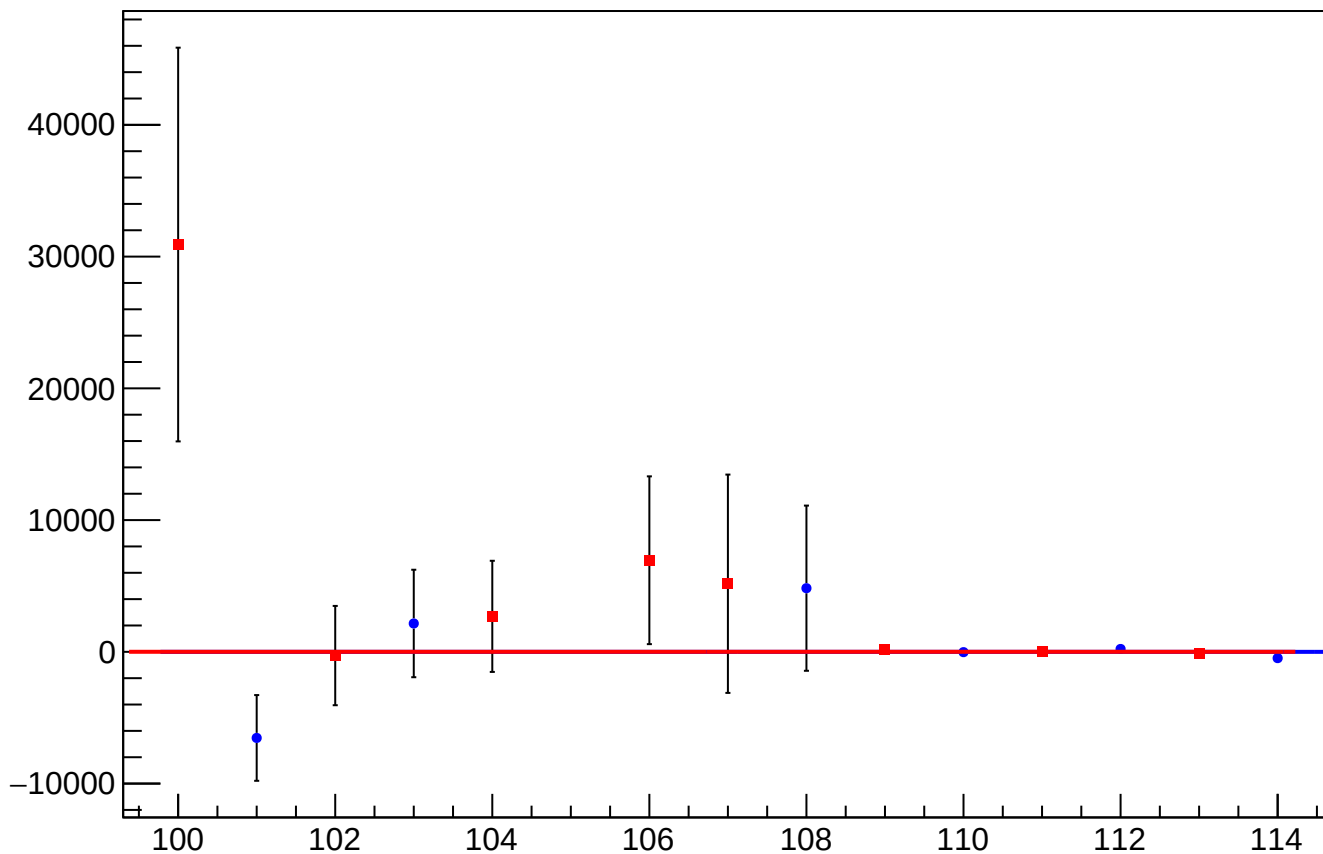
Right: 25.718+/-0.007 χ^2/NDF : 18522.2/13

In: 25.851+/-0.011 χ^2/NDF :9234.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.718+/-0.007 χ^2/NDF : 18522.2/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

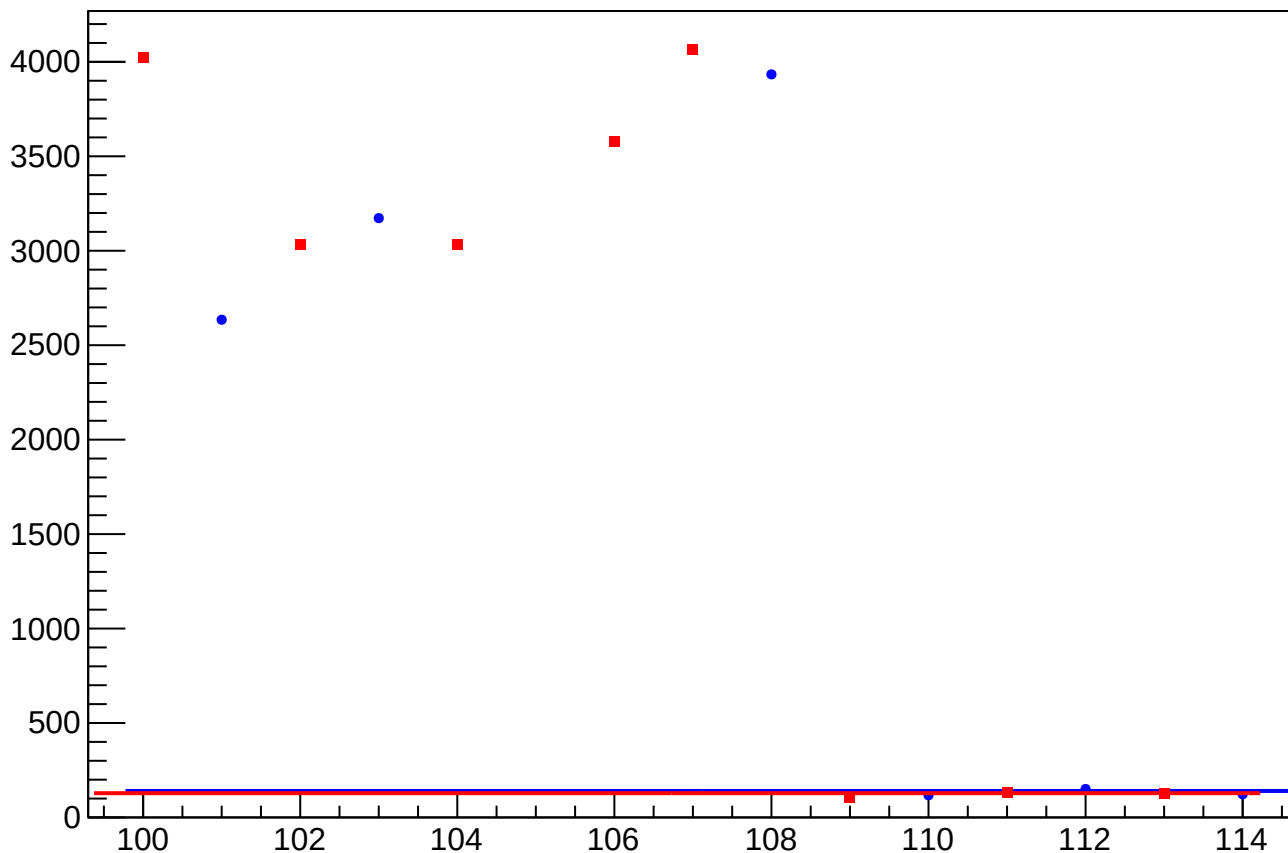
Right: 1.823+/-87.119 χ^2/NDF : 15.6/13

In: -1.182+/-134.813 χ^2/NDF : 7.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.823+/-87.119 χ^2/NDF : 15.6/13

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

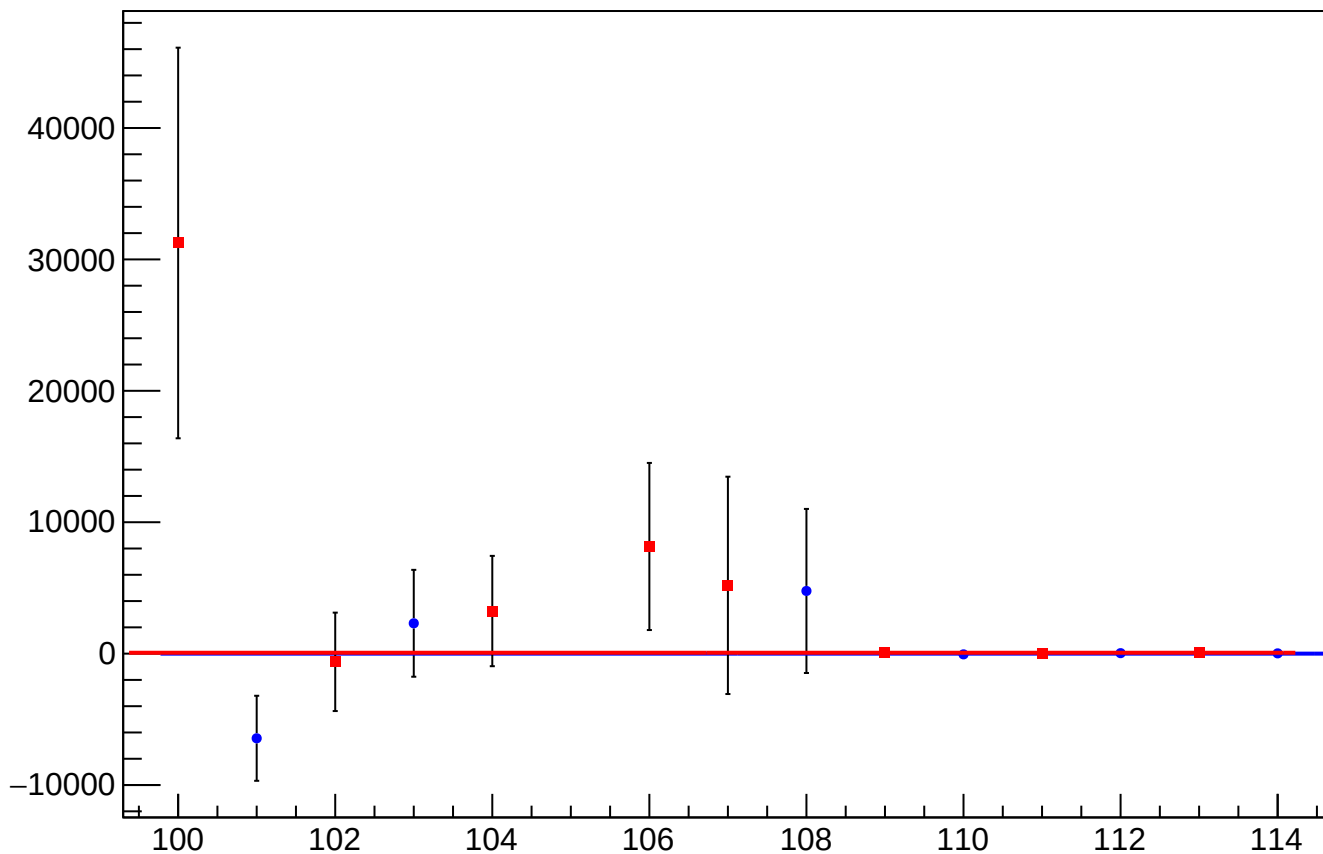
Right: 133.415+/-0.062 χ^2/NDF : 6392620.6/13

In: 140.275+/-0.095 χ^2/NDF : 3049721.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.415+/-0.062 χ^2/NDF : 6392620.6/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

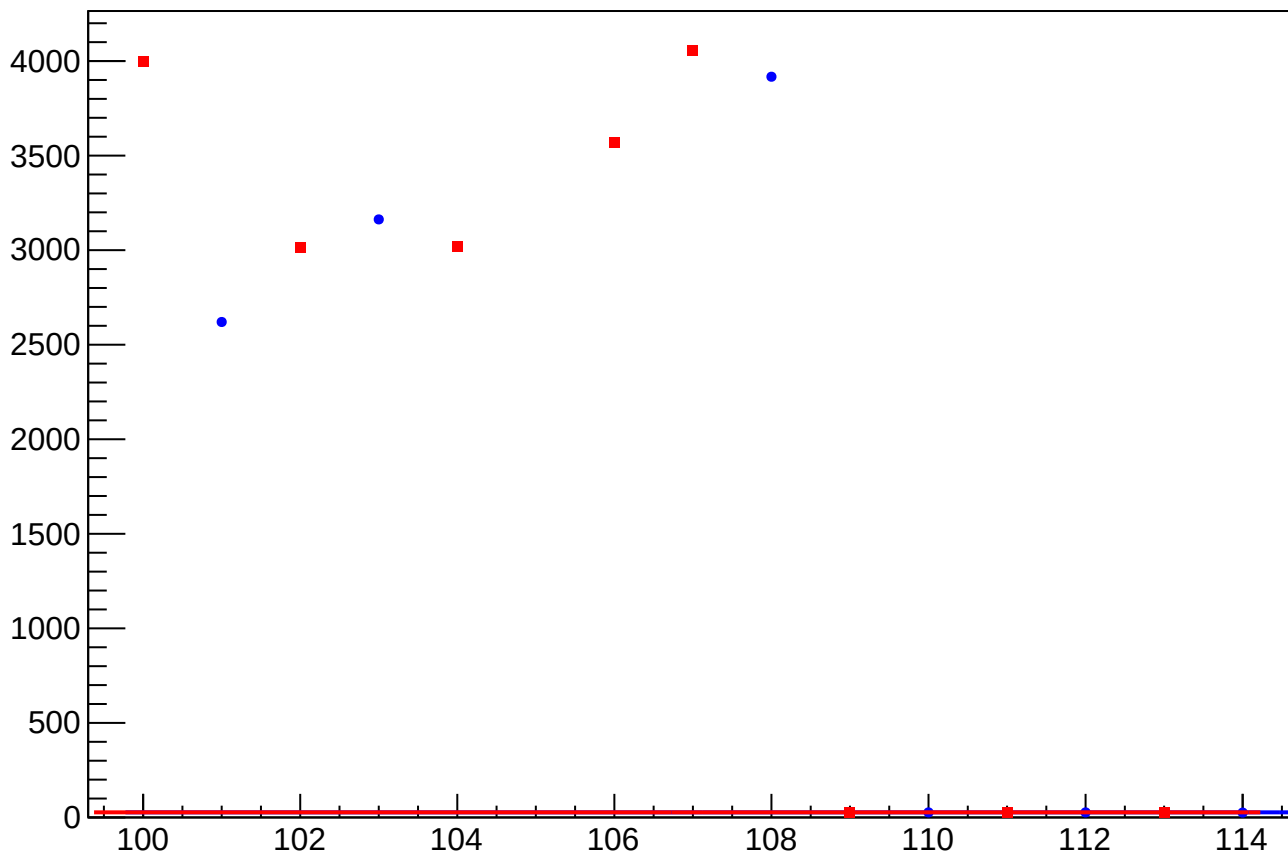
Right: 36.400+/-18.059 χ^2/NDF : 20.4/13

In: -0.250+/-26.777 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.400+/-18.059 χ^2/NDF : 20.4/13

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

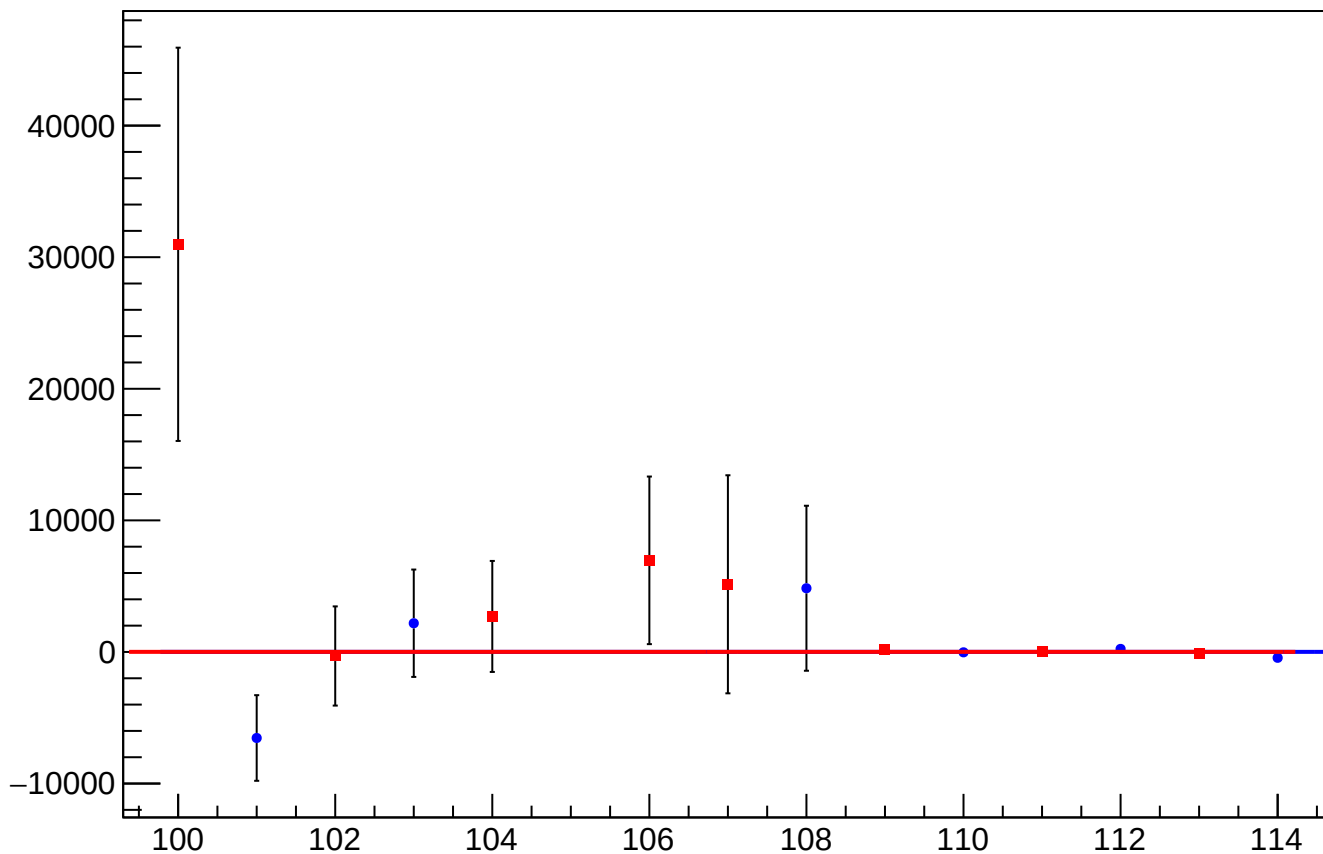
Right: 27.040+/-0.013 χ^2/NDF : 6782983.6/13

In: 27.033+/-0.019 χ^2/NDF : 3251386.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.040+/-0.013 χ^2/NDF : 6782983.6/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

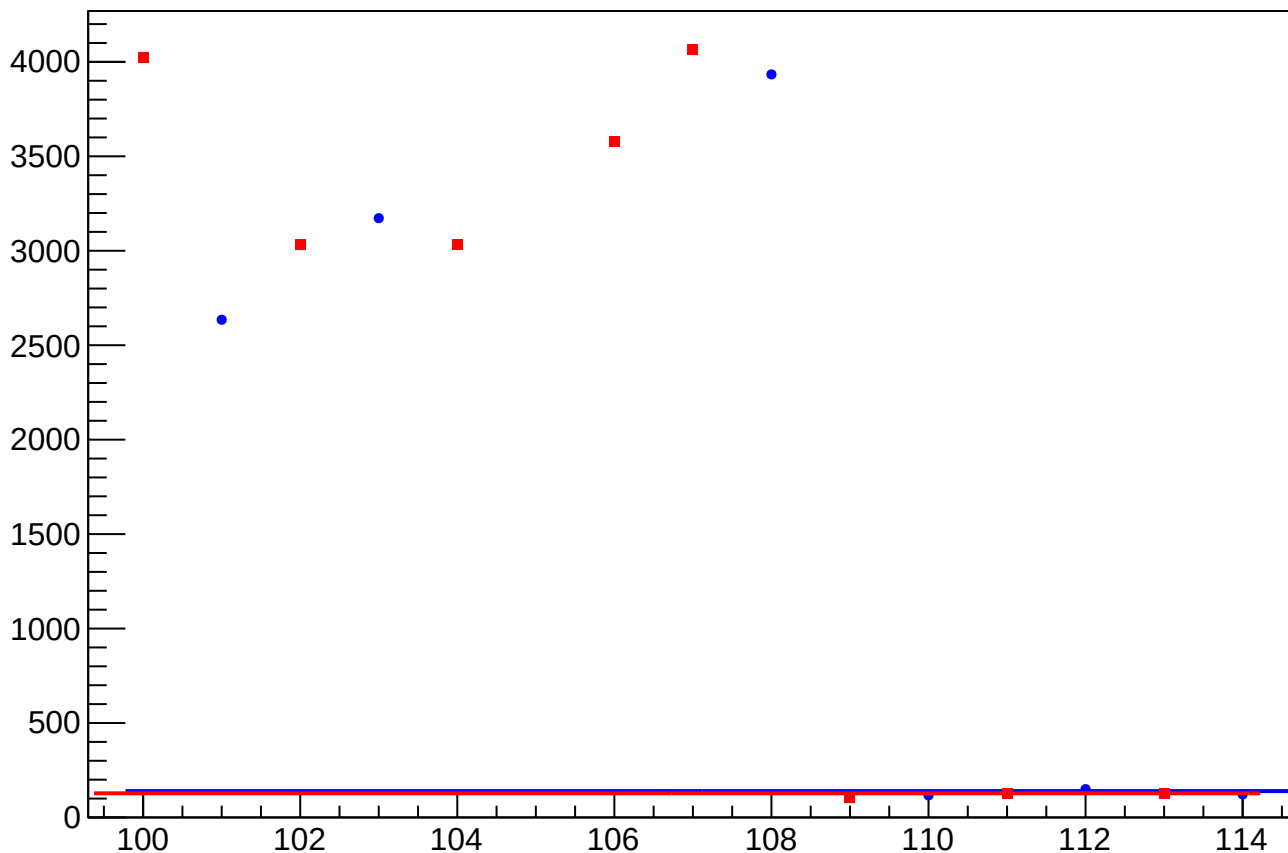
Right: 7.578+/-86.659 χ^2/NDF : 15.2/13

In: 7.172+/-134.108 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.578+/-86.659 χ^2/NDF : 15.2/13

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 139.491+/-0.095 χ^2/NDF : 3051268.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.765+/-0.080 χ^2/NDF : 3335604.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

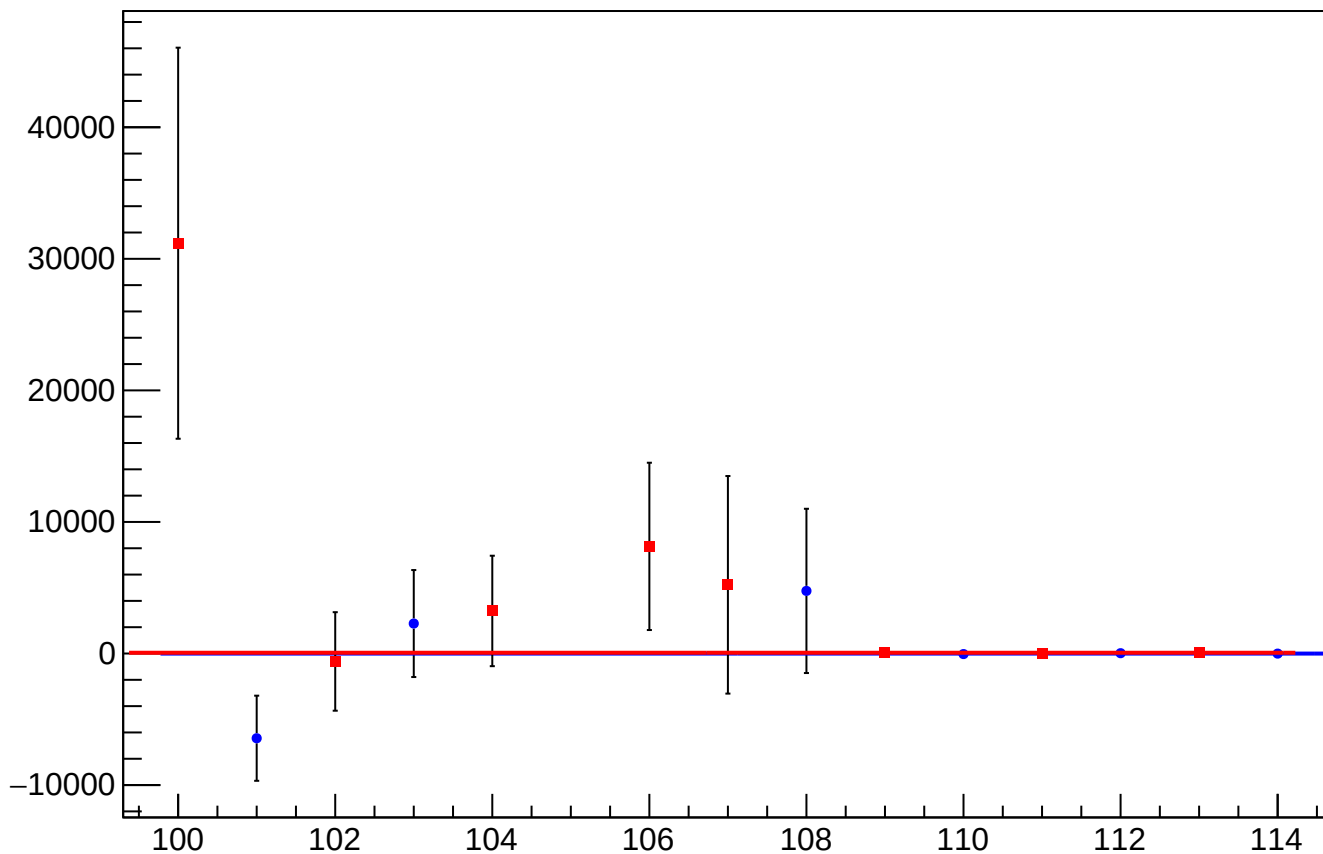
Right: 132.661+/-0.061 χ^2/NDF : 6395779.9/13

In: 139.491+/-0.095 χ^2/NDF :3051268.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.661+/-0.061 χ^2/NDF : 6395779.9/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

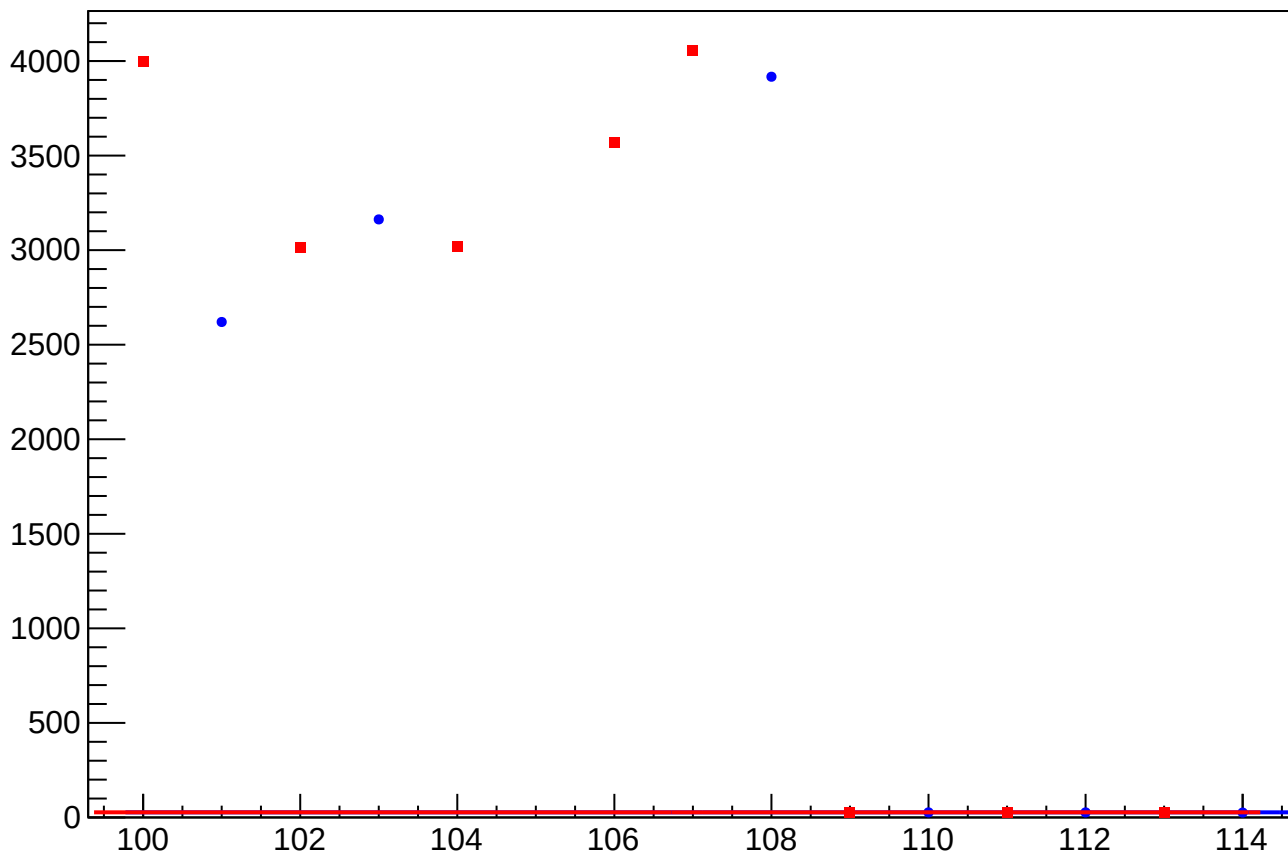
Right: 29.042+/-18.101 χ^2/NDF : 19.0/13

In: -5.096+/-26.820 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.042+/-18.101 χ^2/NDF : 19.0/13

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

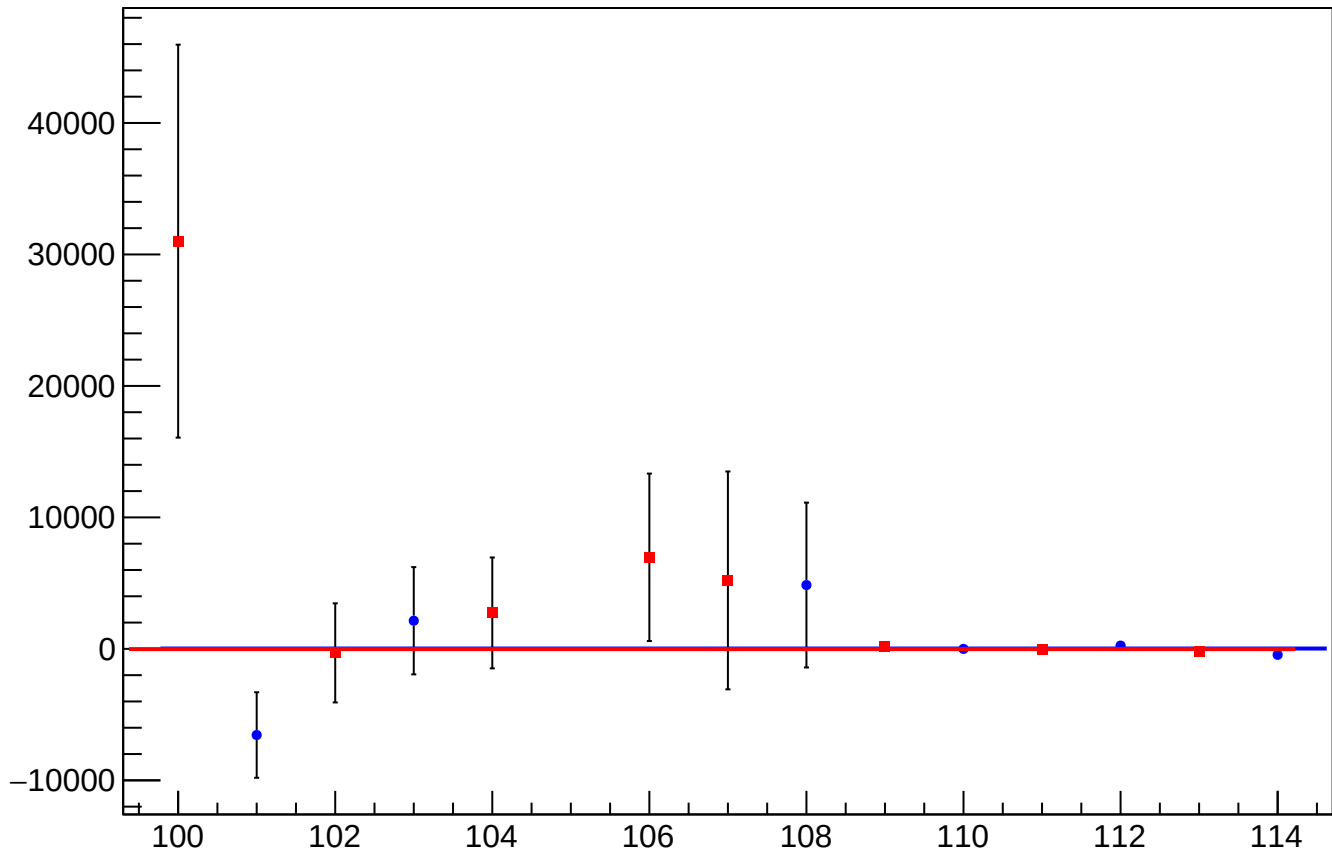
Right: 27.104+/-0.013 χ^2/NDF : 6782469.4/13

In: 27.076+/-0.019 χ^2/NDF :3251244.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.104+/-0.013 χ^2/NDF : 6782469.4/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

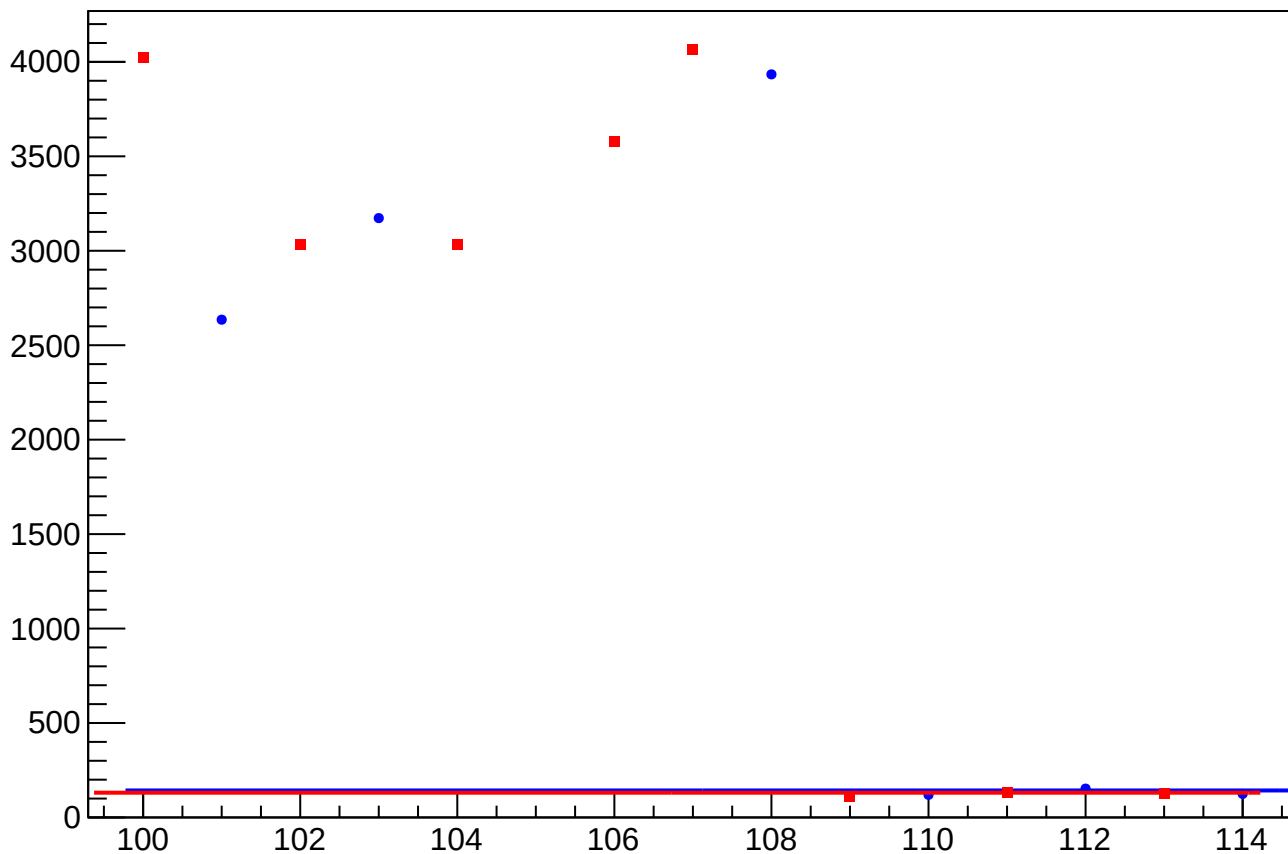
Right: -0.685+/-88.632 χ^2/NDF : 15.9/13

In: 25.653+/-137.067 χ^2/NDF : 7.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.685+/-88.632 χ^2/NDF : 15.9/13

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

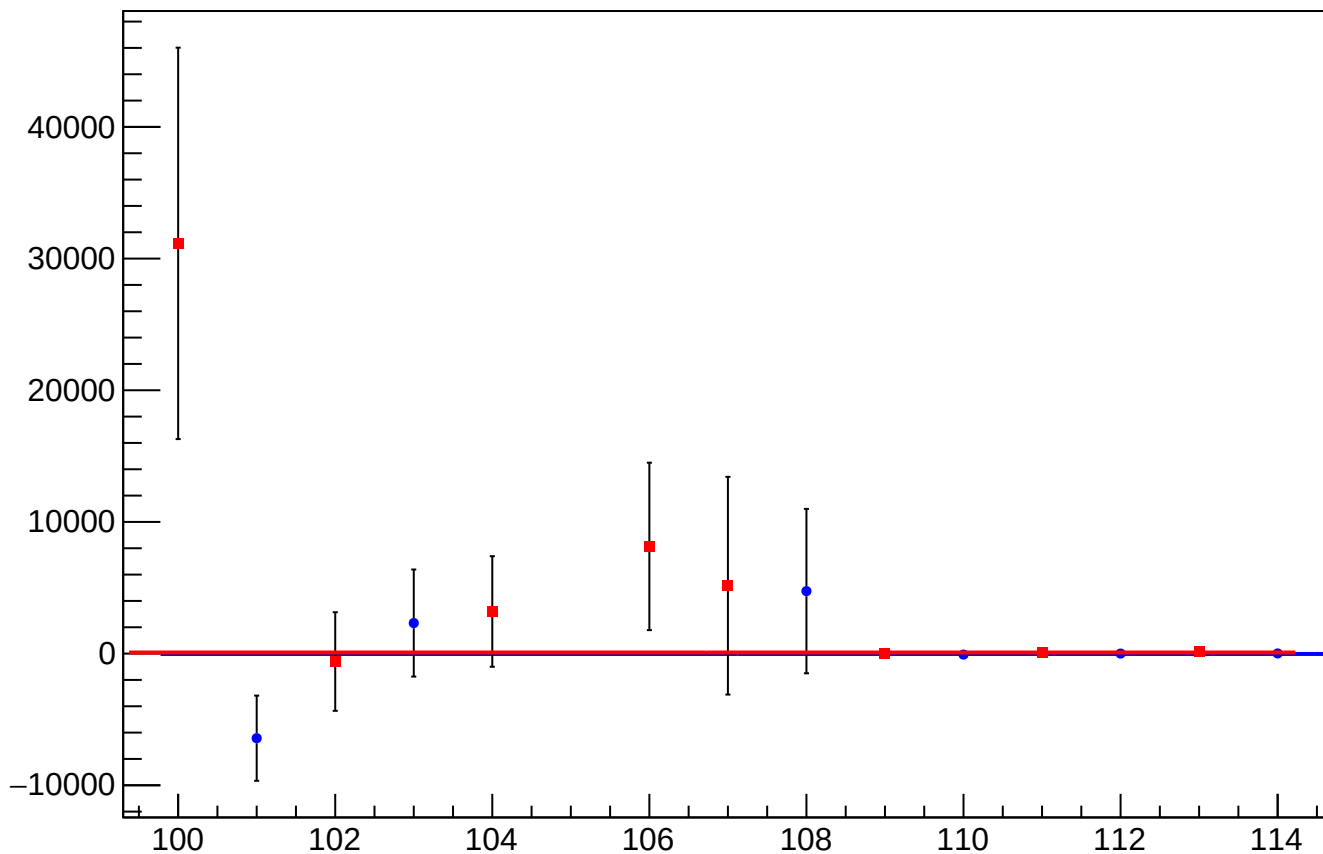
Right: 135.991+/-0.063 χ^2/NDF : 6379855.0/13

In: 142.881+/-0.097 χ^2/NDF :3043331.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.991+/-0.063 χ^2/NDF : 6379855.0/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -26.433+/-33.477 χ^2/NDF : 6.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.332+/-30.443 χ^2/NDF : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

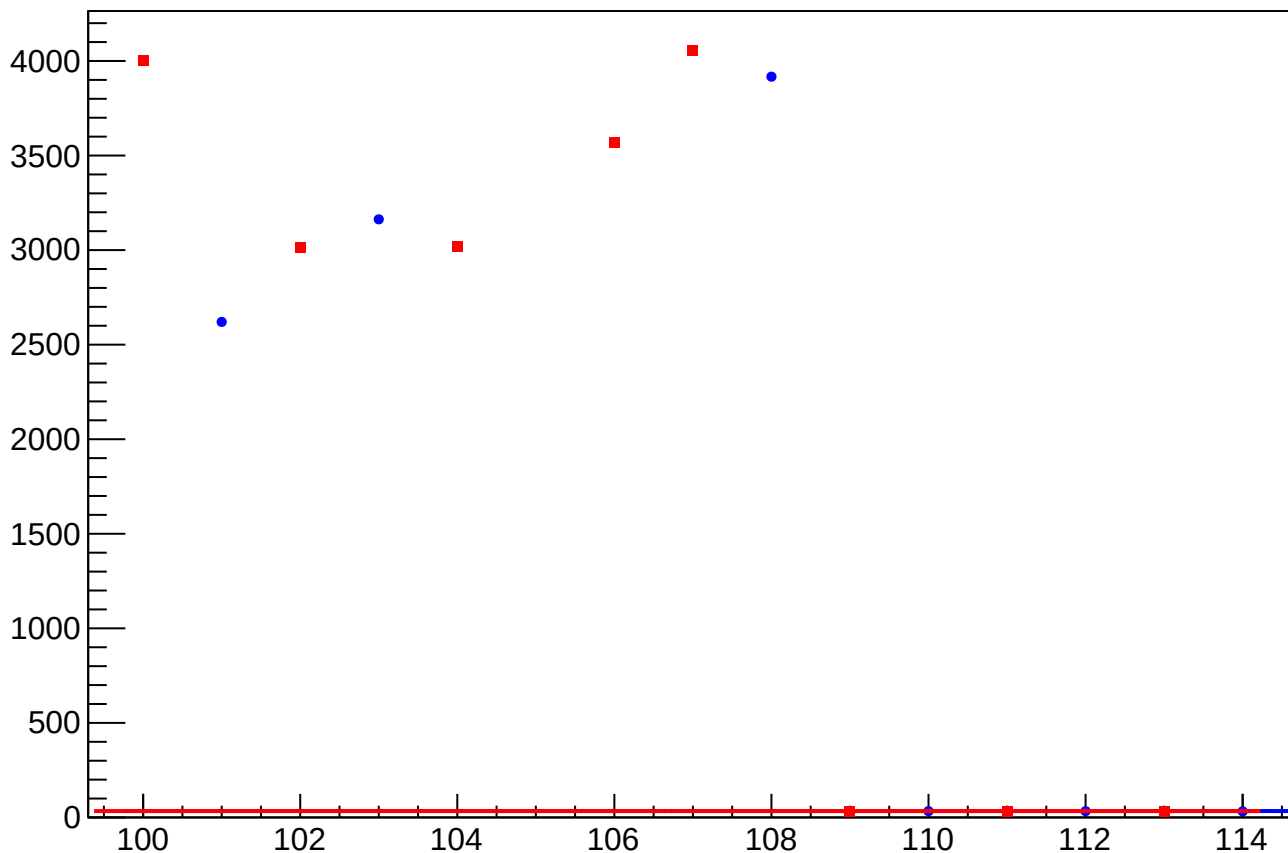
Right: 33.648+/-22.523 χ^2/NDF : 21.2/13

In: -26.433+/-33.477 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.648+/-22.523 χ^2/NDF : 21.2/13

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.934+/-0.024 χ^2/NDF : 3236688.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.782+/-0.022 χ^2/NDF : 3516883.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

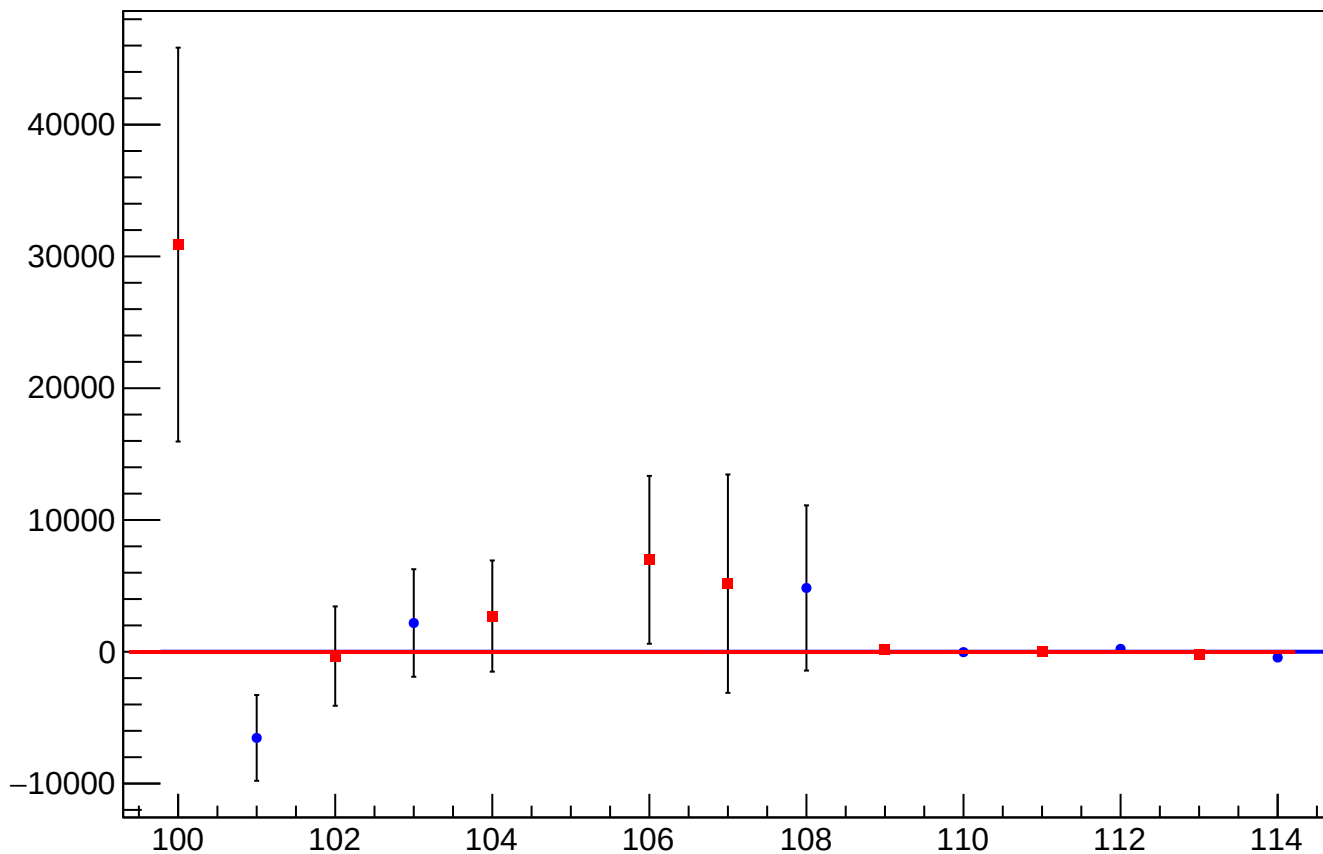
Right: 33.851+/-0.016 χ^2/NDF : 6753595.1/13

In: 33.934+/-0.024 χ^2/NDF : 3236688.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.851+/-0.016 χ^2/NDF : 6753595.1/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

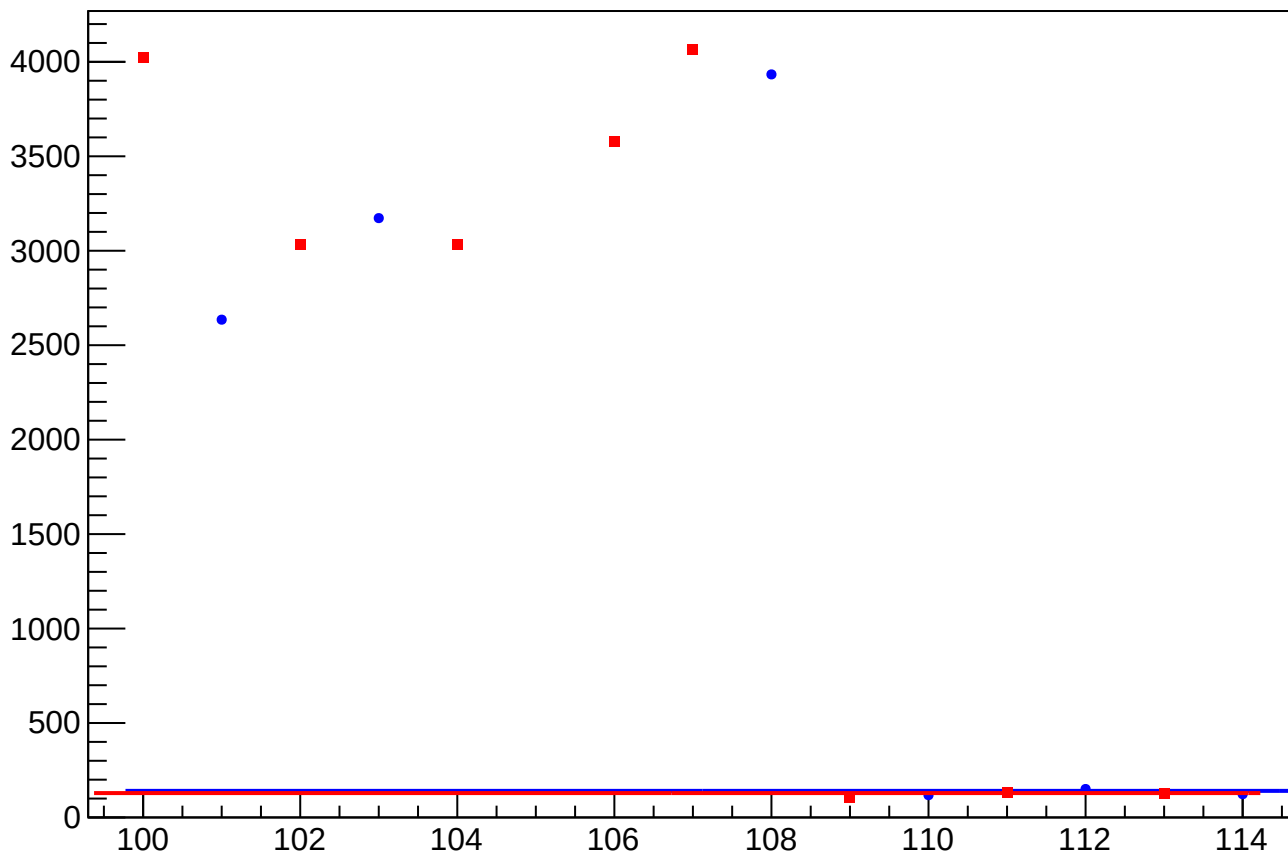
Right: -8.415+/-87.380 χ^2/NDF : 15.4/13

In: 3.957+/-135.157 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.415+/-87.380 χ^2/NDF : 15.4/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

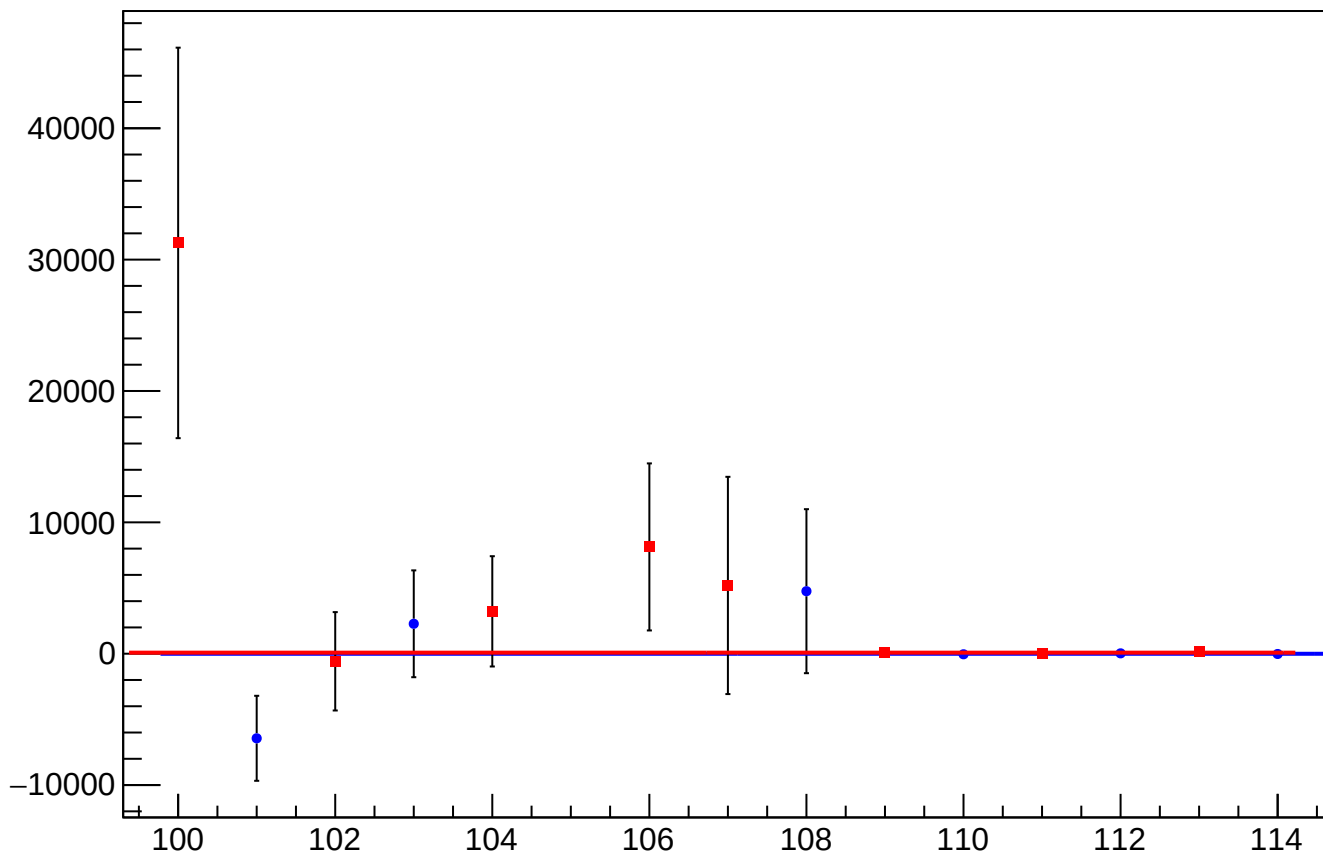
Right: 133.922 $\pm$ 0.062 χ^2 /NDF: 6388595.4/13

In: 140.732 $\pm$ 0.096 χ^2 /NDF:3047668.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.922 $\pm$ 0.062 χ^2 /NDF: 6388595.4/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

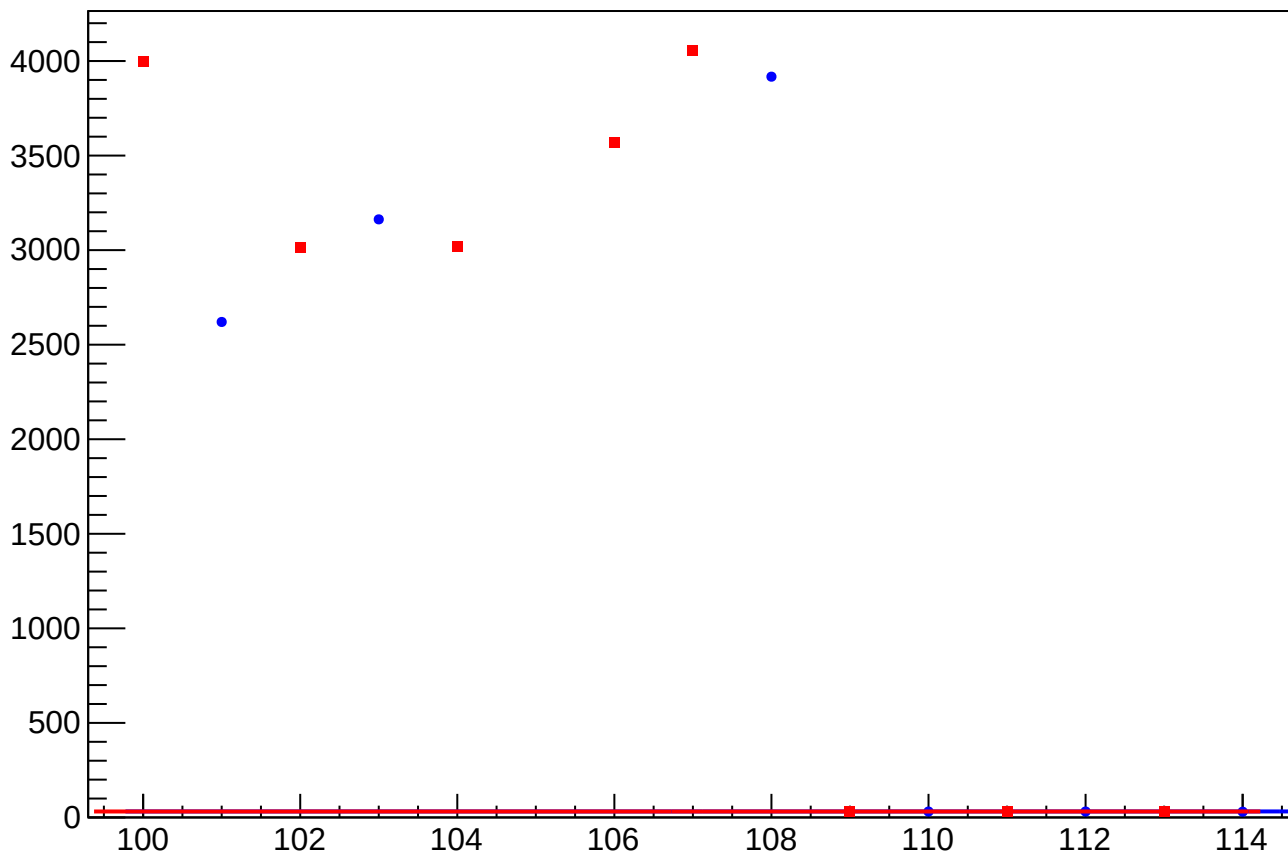
Right: 41.294+/-21.113 χ^2/NDF : 20.2/13

In: -5.654+/-31.417 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.294+/-21.113 χ^2/NDF : 20.2/13

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

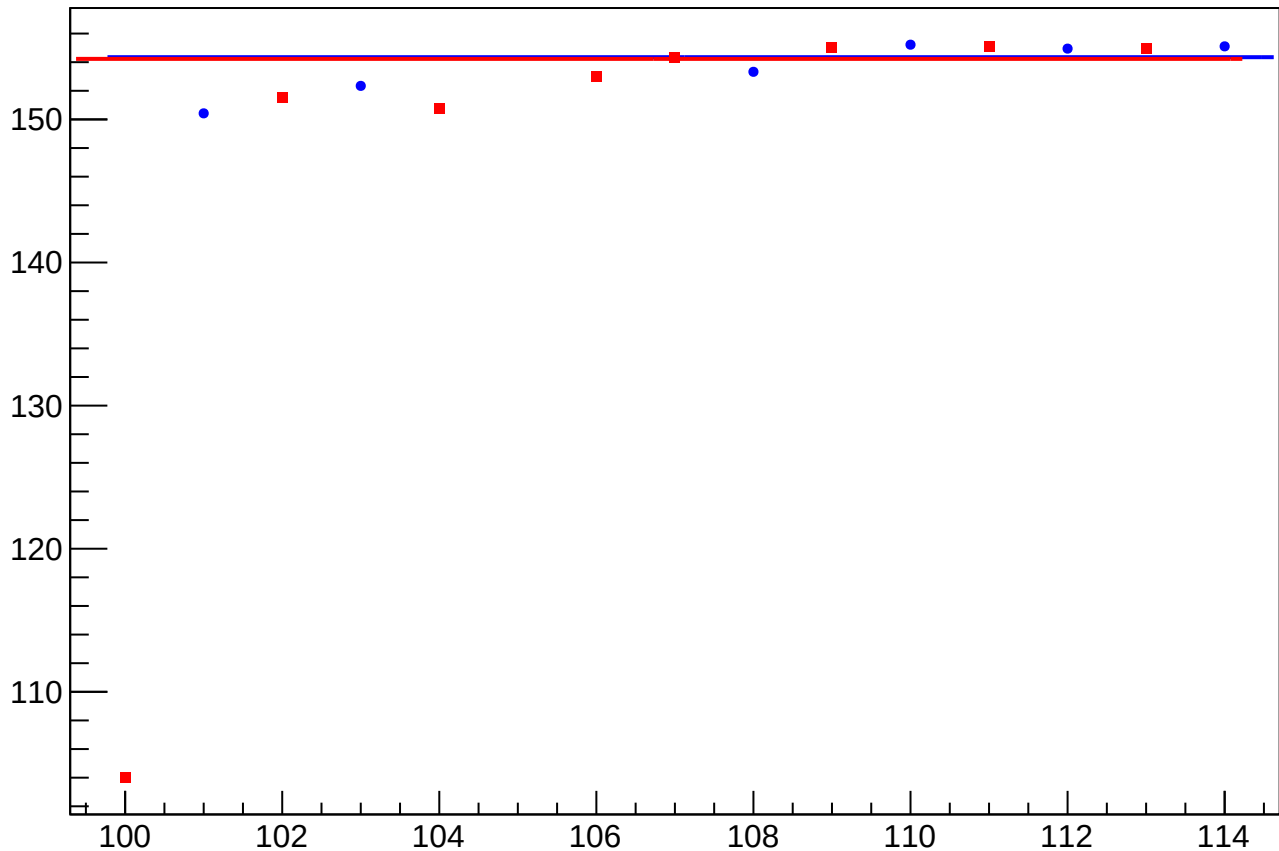
Right: 31.699 $\pm$ 0.015 χ^2 /NDF: 6762837.1/13

In: 31.812 $\pm$ 0.022 χ^2 /NDF:3241130.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.699 $\pm$ 0.015 χ^2 /NDF: 6762837.1/13

yield_bcm_target_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

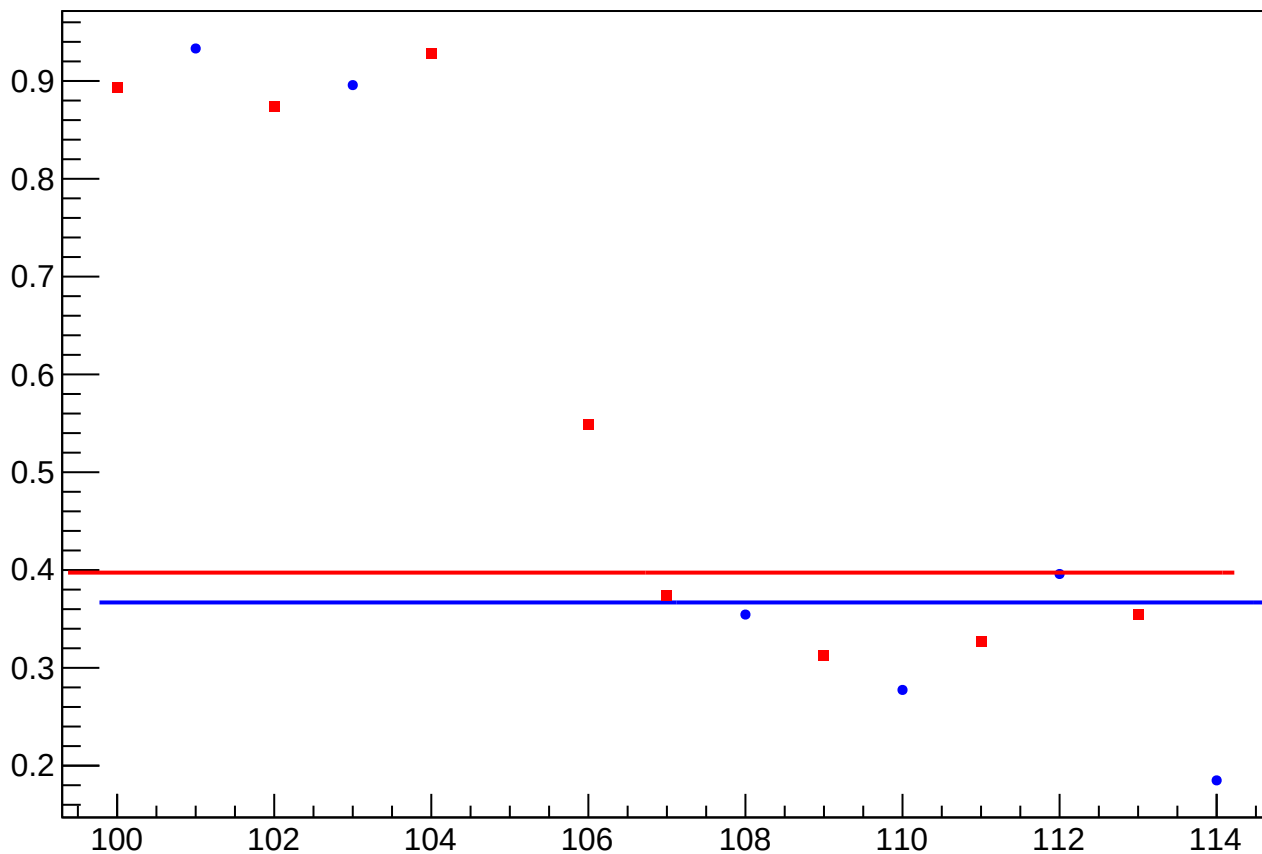
Right: 154.285+/-0.000 χ^2/NDF : 272415531.6/13

In: 154.349+/-0.000 χ^2/NDF : 22883057.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.285+/-0.000 χ^2/NDF : 272415531.6/13

yield_bcm_target_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

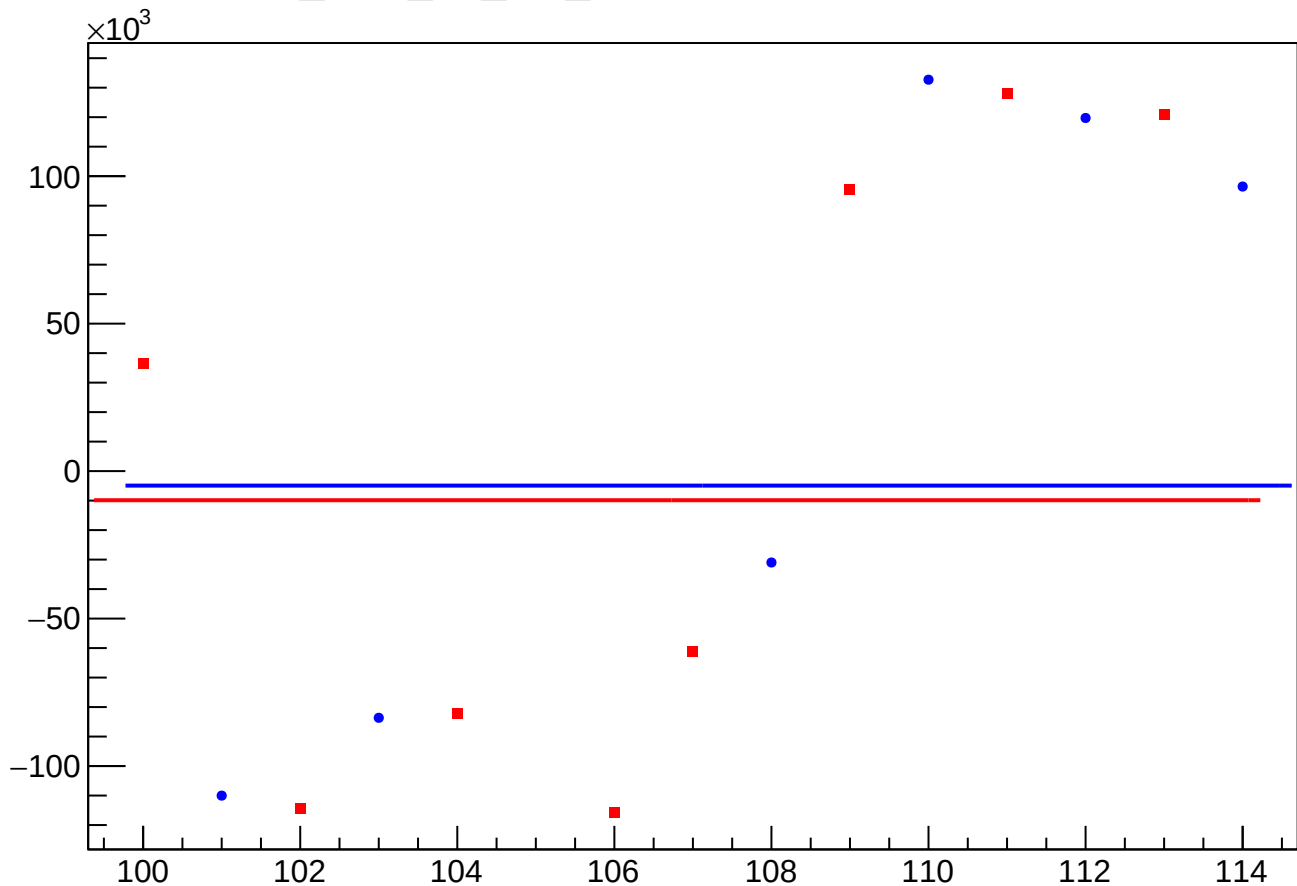
Right: 0.383+/-0.000 χ^2/NDF : 2058388.7/13

In: 0.367+/-0.000 χ^2/NDF : 1129098.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 2058388.7/13

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: -7832.980+/-2.213 χ^2 /NDF: 2216629837.7/1

In: -4914.928+/-3.450 χ^2 /NDF: 877283740.0/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -7832.980+/-2.213 χ^2 /NDF: 2216629837.7/1

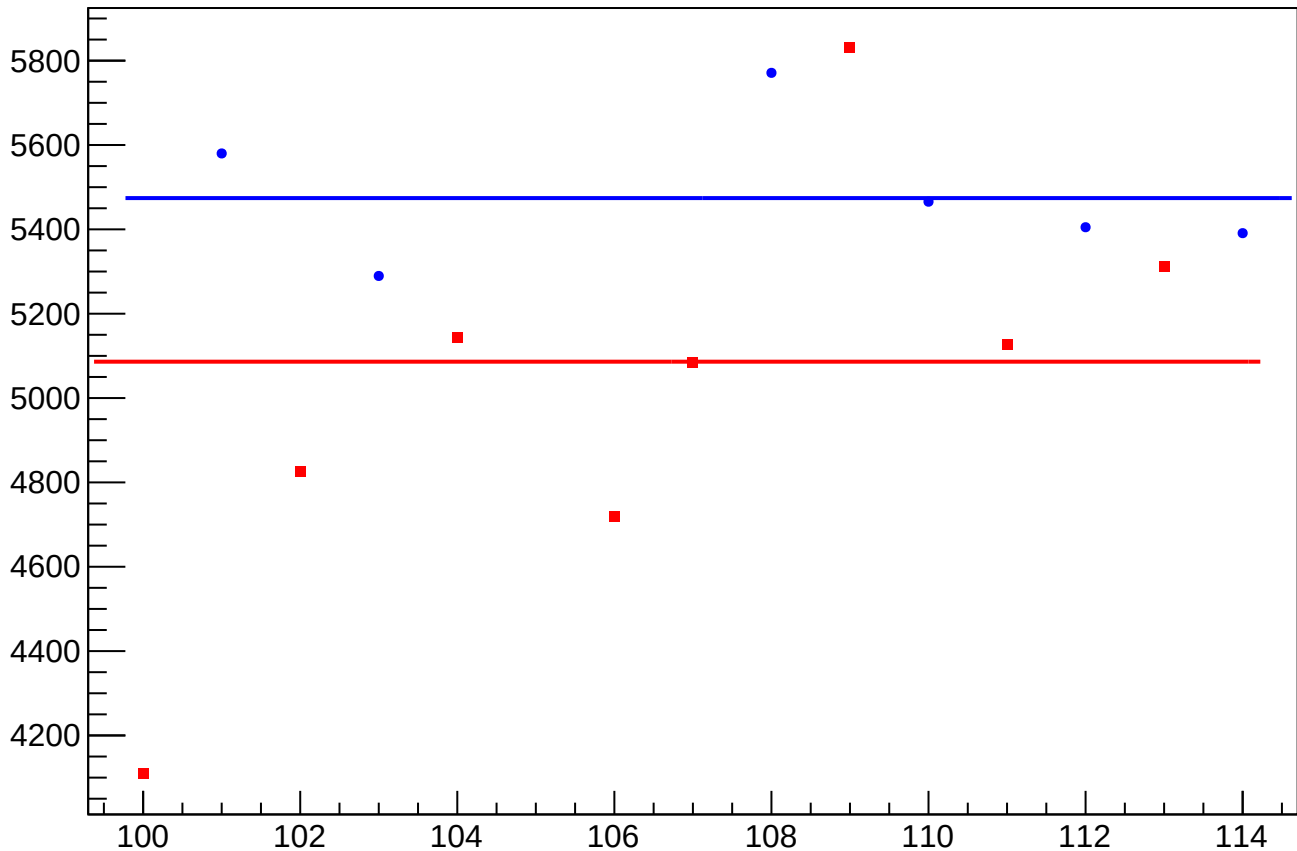
Right In: -4914.928+/-3.450 χ^2 /NDF: 877283740.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -9873.084+/-2.884 χ^2 /NDF: 1338130269.9/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5474.137+/-2.439 χ^2/NDF : 4013.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5086.243+/-2.040 χ^2/NDF : 33820.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

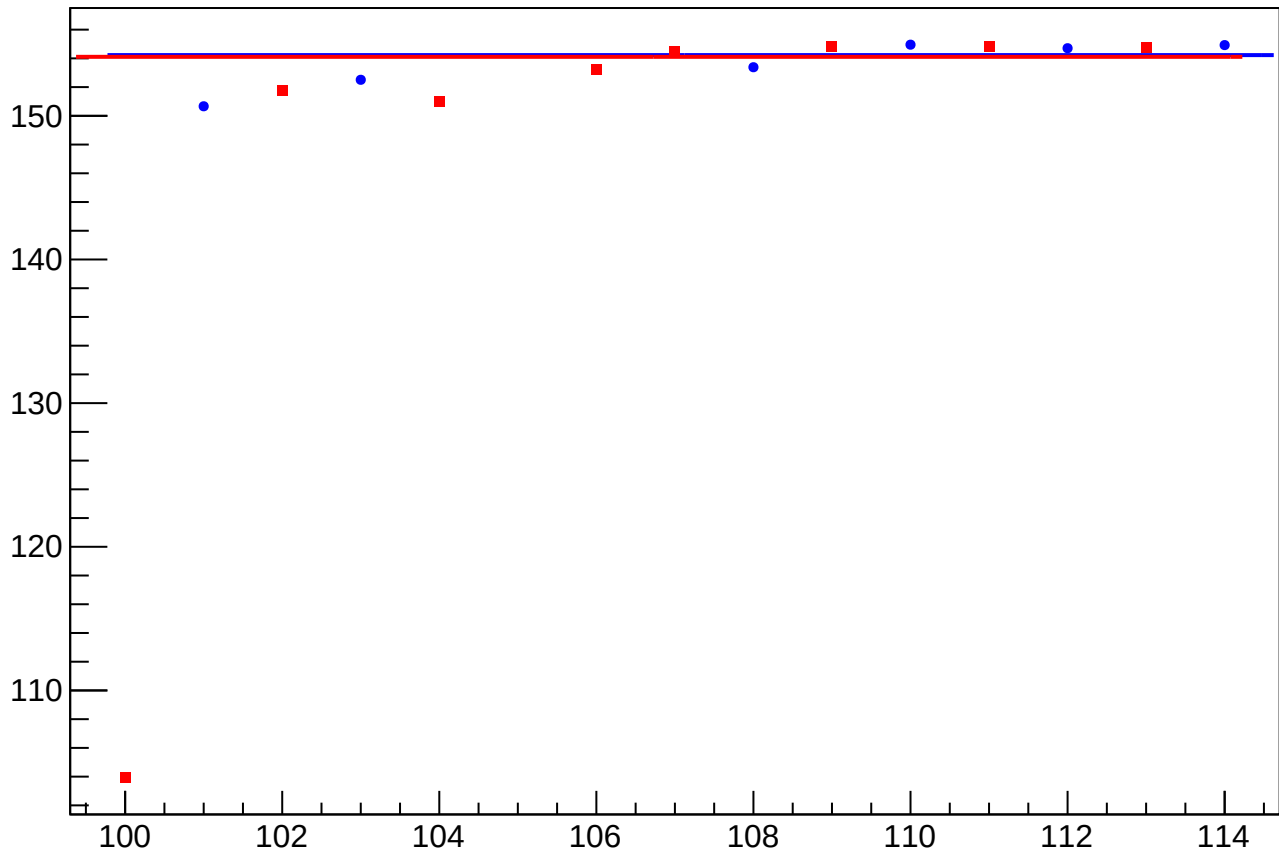
Right: 5245.847+/-1.565 χ^2/NDF : 52716.8/13

In: 5474.137+/-2.439 χ^2/NDF : 4013.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5245.847+/-1.565 χ^2/NDF : 52716.8/13

yield_bcm_an_ds_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

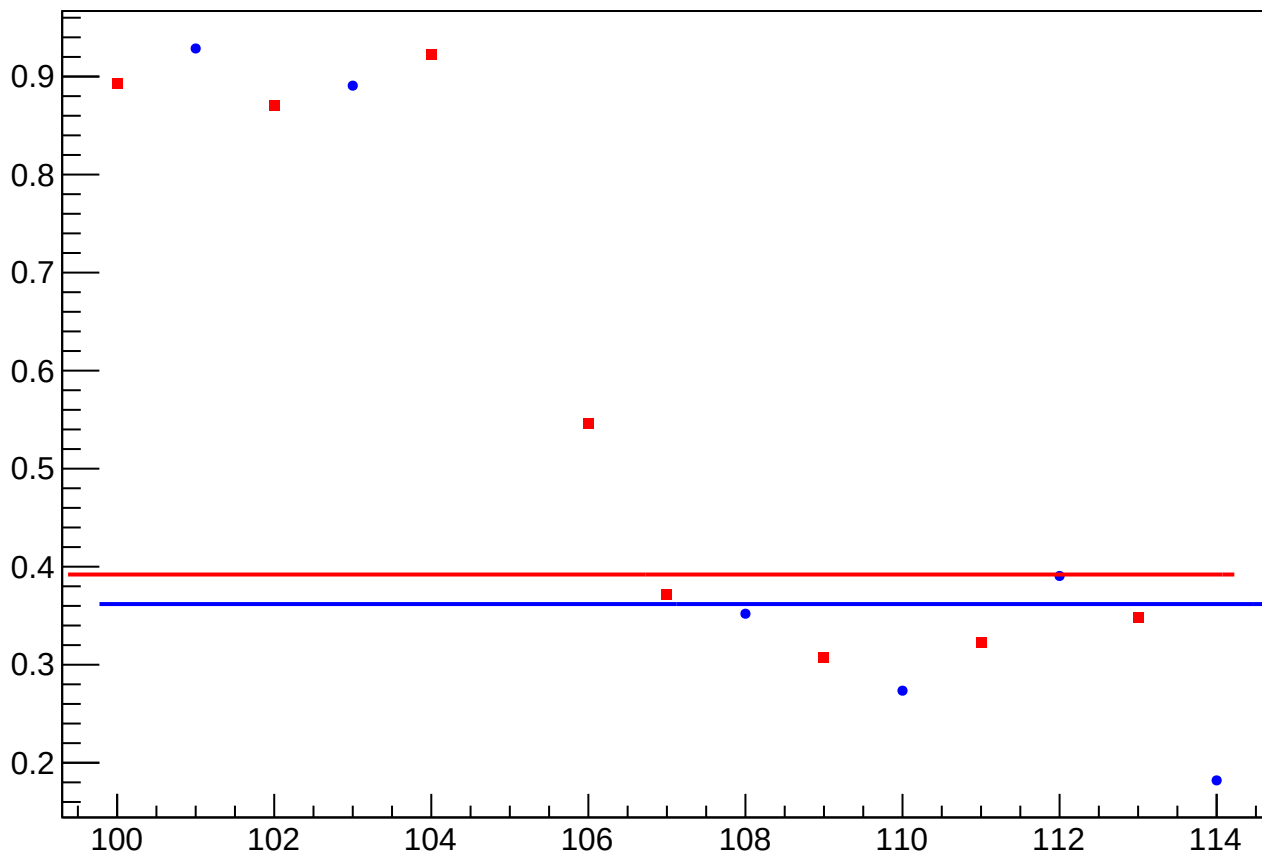
Right: 154.163+/-0.000 χ^2/NDF : 262689819.1/13

In: 154.227+/-0.000 χ^2/NDF : 17865770.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.163+/-0.000 χ^2/NDF : 262689819.1/13

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.362+/-0.000 χ^2/NDF : 1140622.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.392+/-0.000 χ^2/NDF : 928002.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

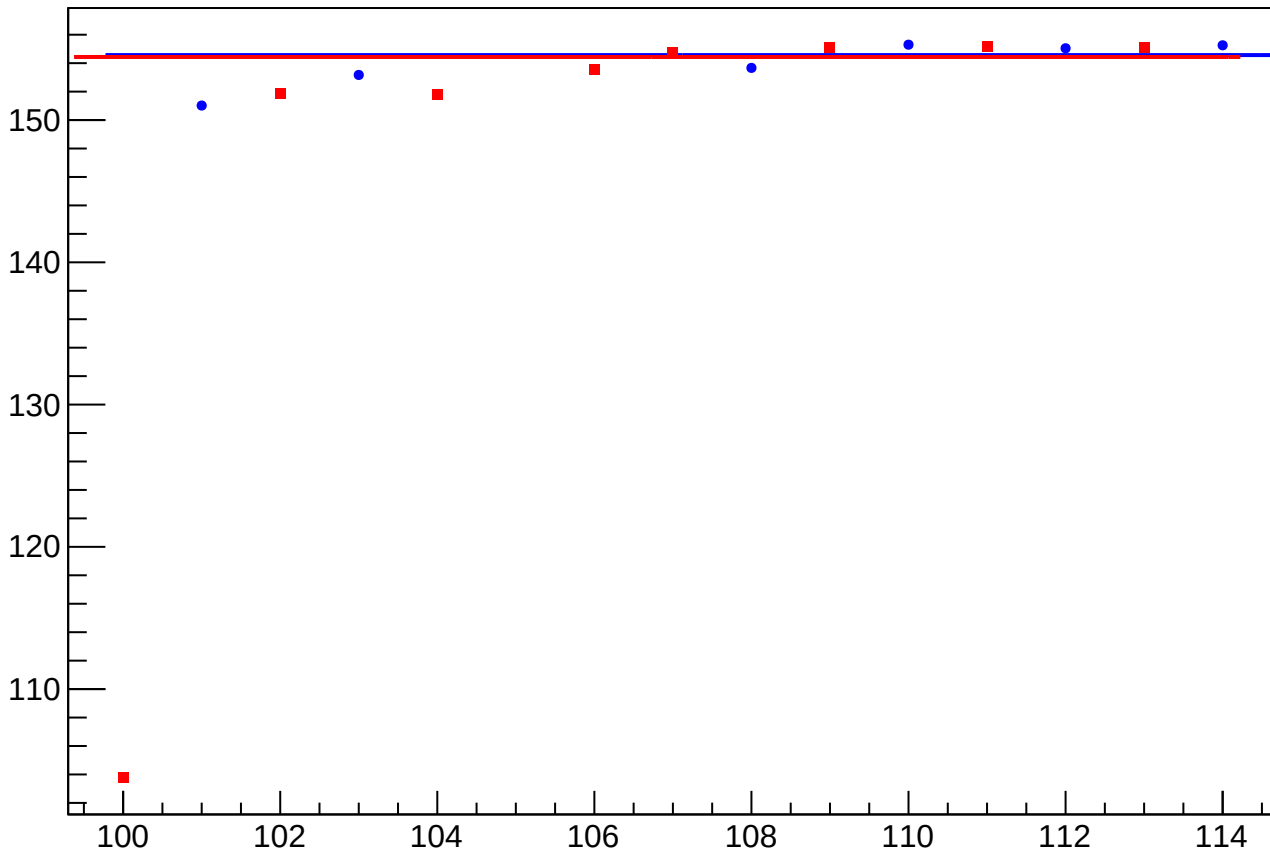
Right: 0.378+/-0.000 χ^2/NDF : 2082703.5/13

In: 0.362+/-0.000 χ^2/NDF : 1140622.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.000 χ^2/NDF : 2082703.5/13

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 154.568+/-0.000 χ^2/NDF : 16964167.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.434+/-0.000 χ^2/NDF : 244485822.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

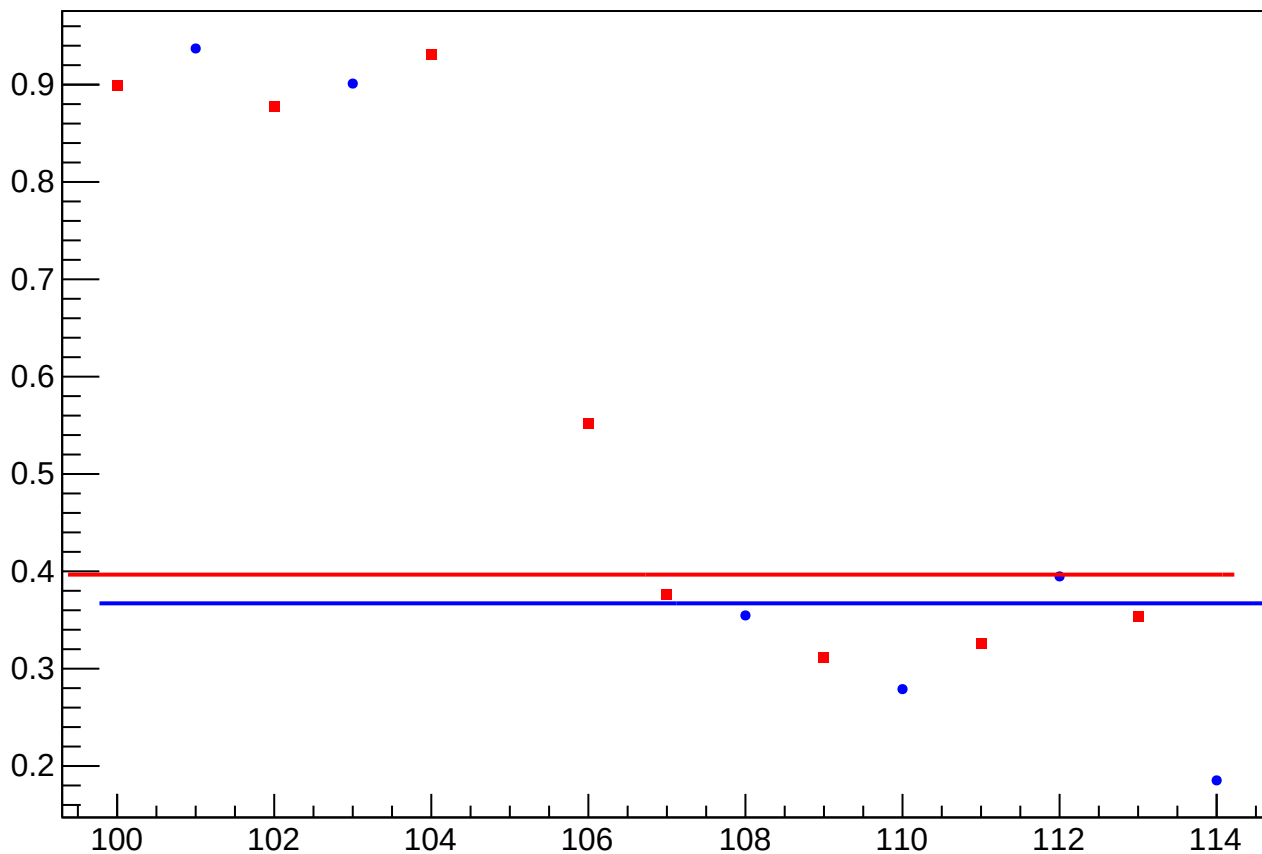
Right: 154.496+/-0.000 χ^2/NDF : 261584594.7/13

In: 154.568+/-0.000 χ^2/NDF : 16964167.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.496+/-0.000 χ^2/NDF : 261584594.7/13

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.367+/-0.000 χ^2/NDF : 1131760.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.397+/-0.000 χ^2/NDF : 924565.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

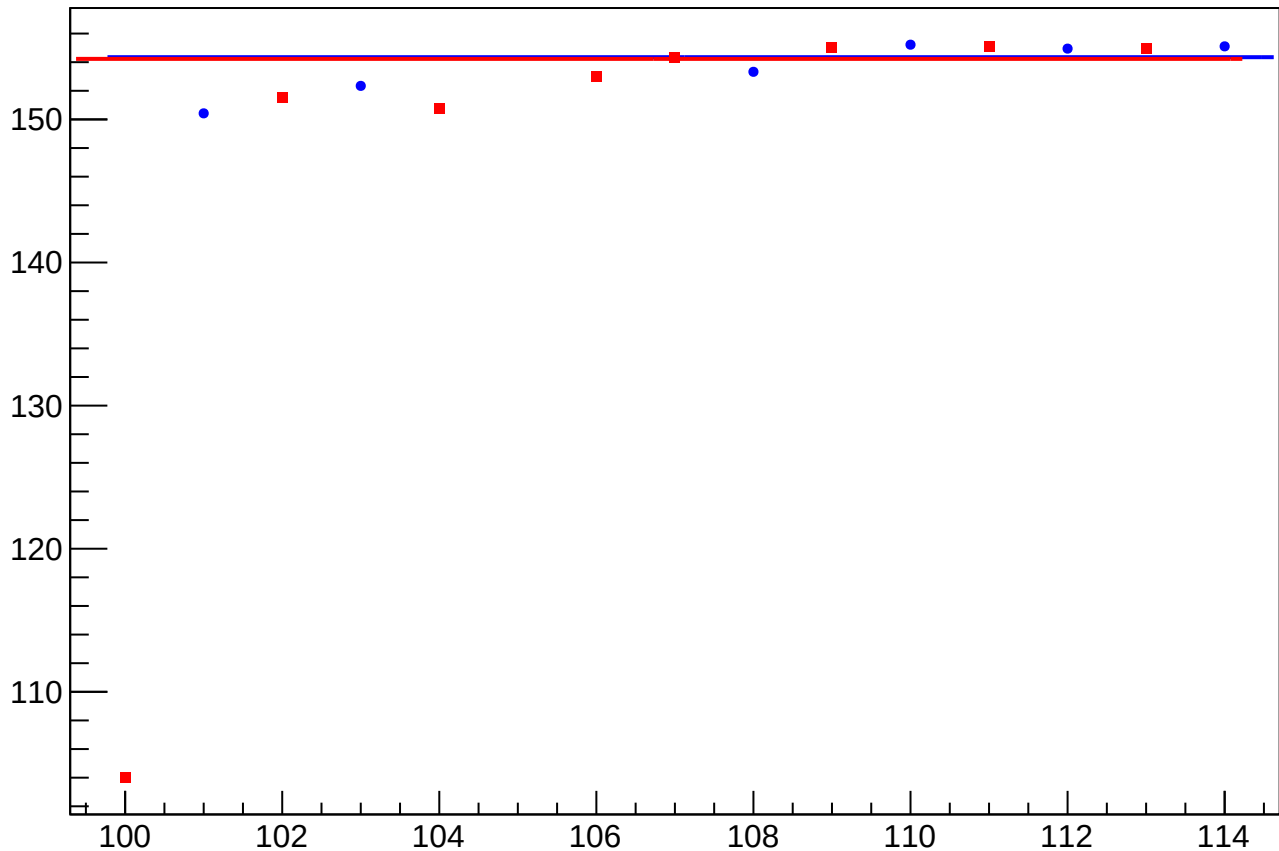
Right: 0.383+/-0.000 χ^2/NDF : 2069506.0/13

In: 0.367+/-0.000 χ^2/NDF : 1131760.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 2069506.0/13

yield_bcm_an_us_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

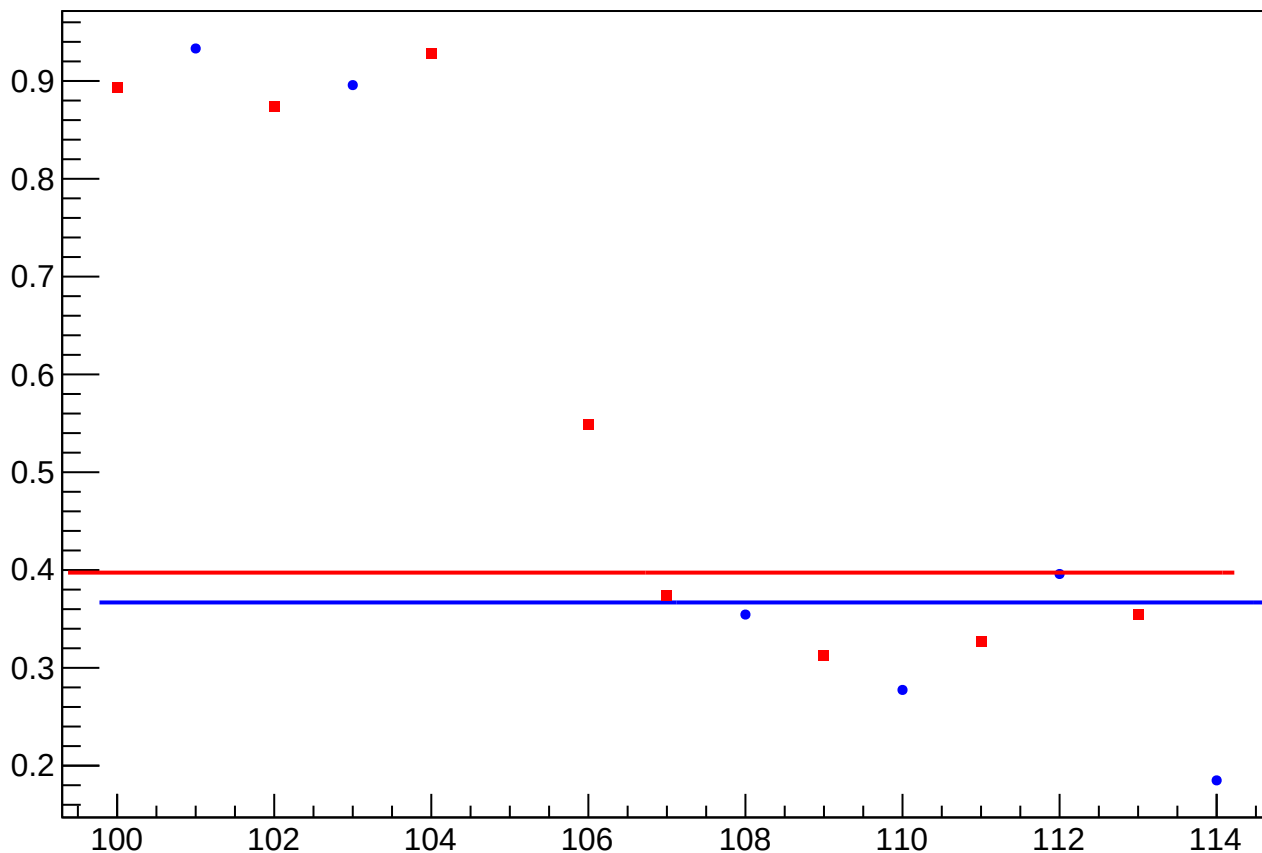
Right: 154.285+/-0.000 χ^2/NDF : 272415531.6/13

In: 154.349+/-0.000 χ^2/NDF : 22883057.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.285+/-0.000 χ^2/NDF : 272415531.6/13

yield_bcm_an_us_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

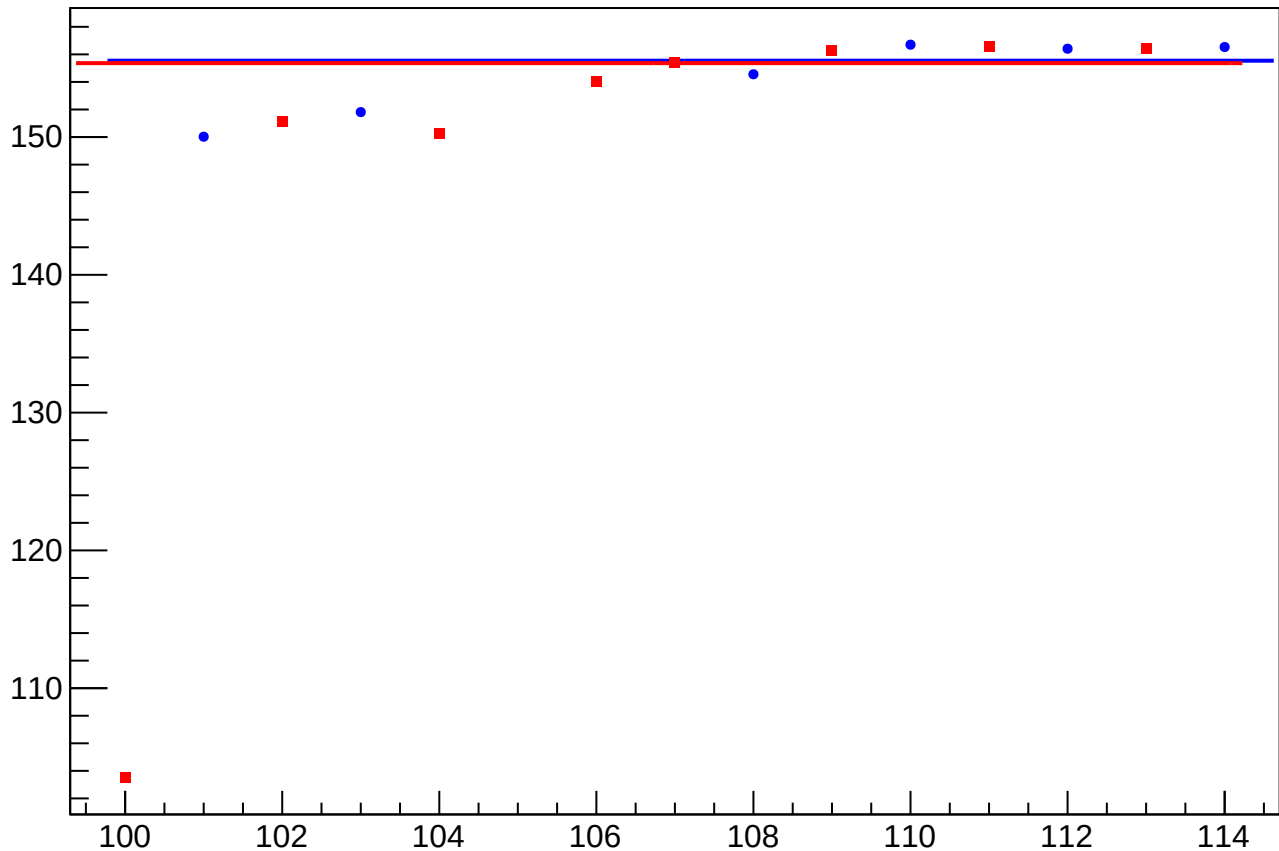
Right: 0.383+/-0.000 χ^2/NDF : 2058388.7/13

In: 0.367+/-0.000 χ^2/NDF : 1129098.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 2058388.7/13

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 155.541+/-0.000 χ^2/NDF : 44670432.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.364+/-0.000 χ^2/NDF : 283864492.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

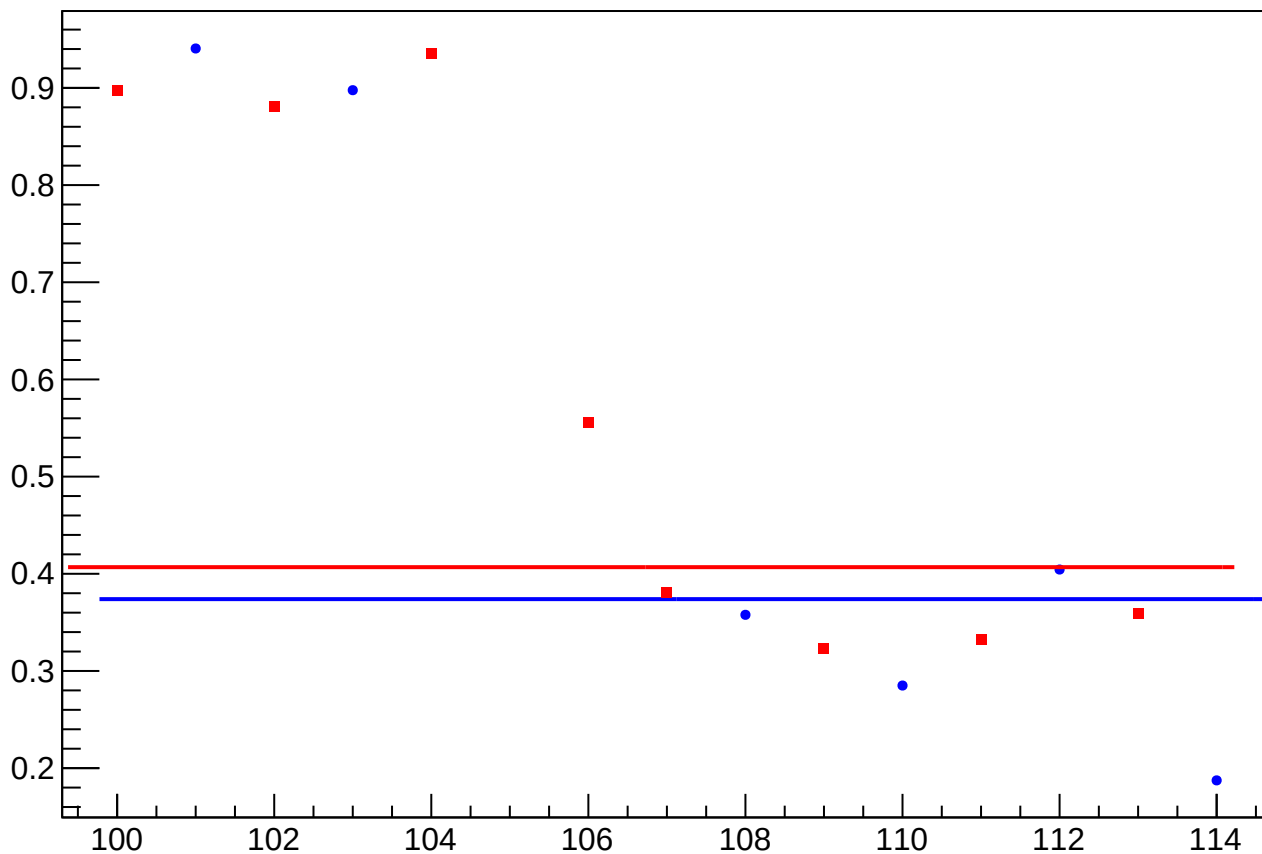
Right: 155.446+/-0.000 χ^2/NDF : 328763060.6/13

In: 155.541+/-0.000 χ^2/NDF : 44670432.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.446+/-0.000 χ^2/NDF : 328763060.6/13

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.374+/-0.000 χ^2/NDF : 1113451.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.407+/-0.000 χ^2/NDF : 892323.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

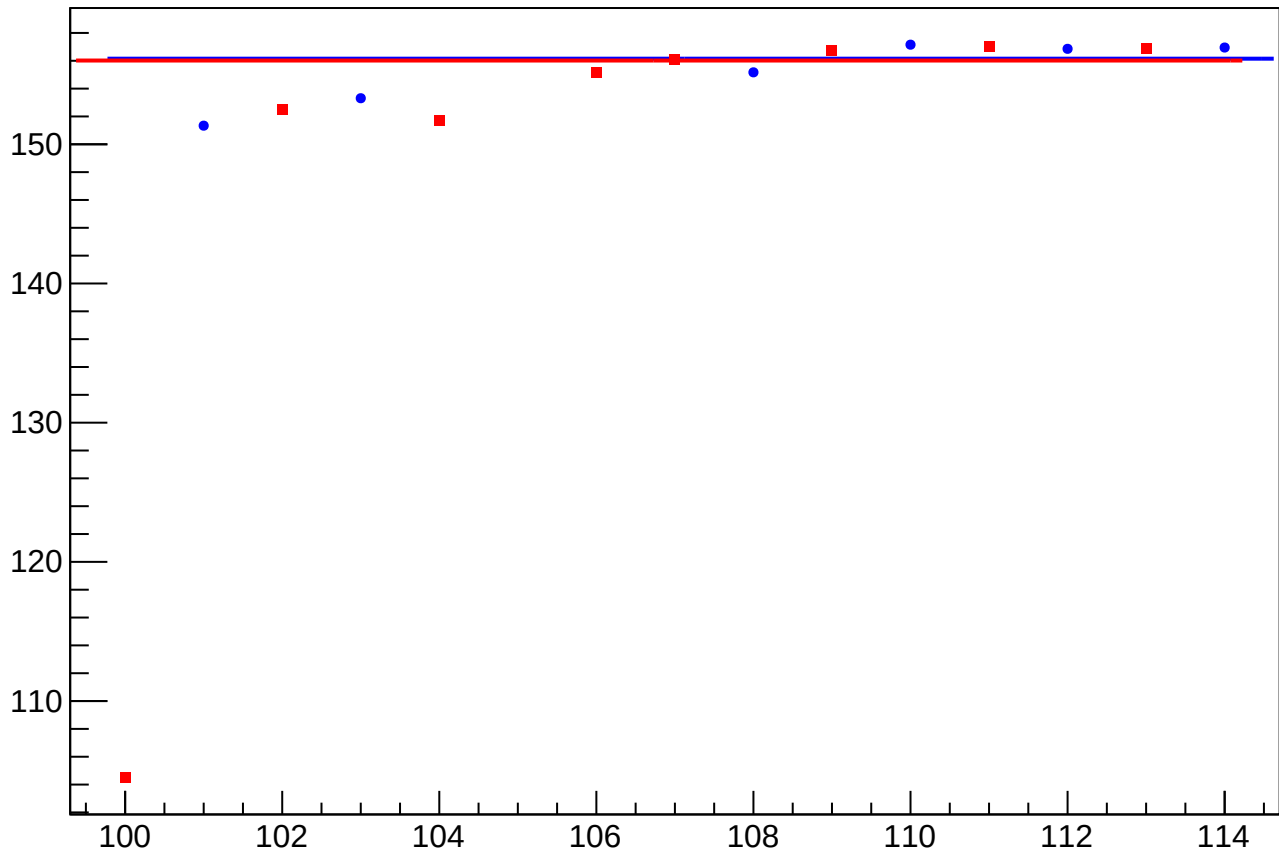
Right: 0.392+/-0.000 χ^2/NDF : 2021525.1/13

In: 0.374+/-0.000 χ^2/NDF : 1113451.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.392+/-0.000 χ^2/NDF : 2021525.1/13

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

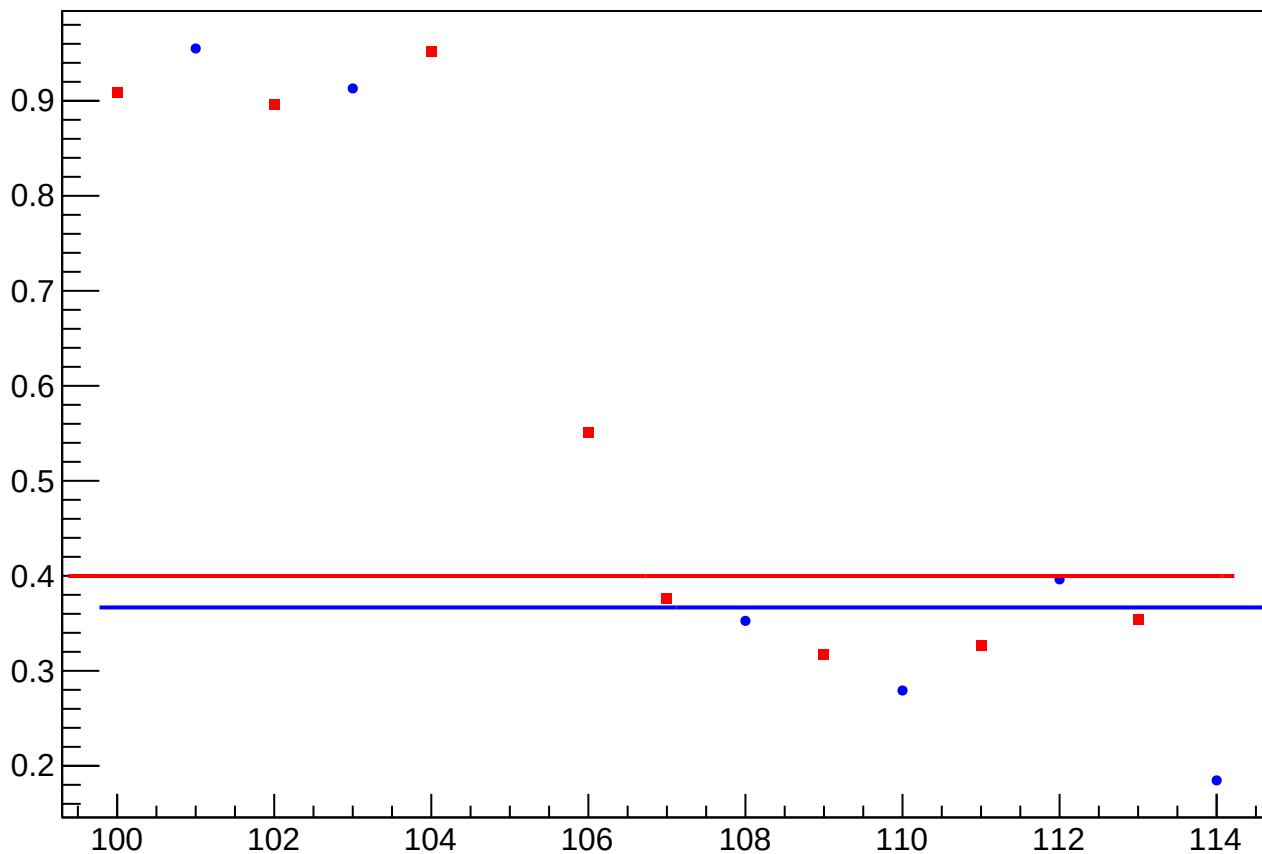
Right: 156.080+/-0.000 χ^2/NDF : 292983660.0/13

In: 156.151+/-0.000 χ^2/NDF : 31876468.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.080+/-0.000 χ^2/NDF : 292983660.0/13

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.367+/-0.000 χ^2/NDF : 1152021.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.400+/-0.000 χ^2/NDF : 934767.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

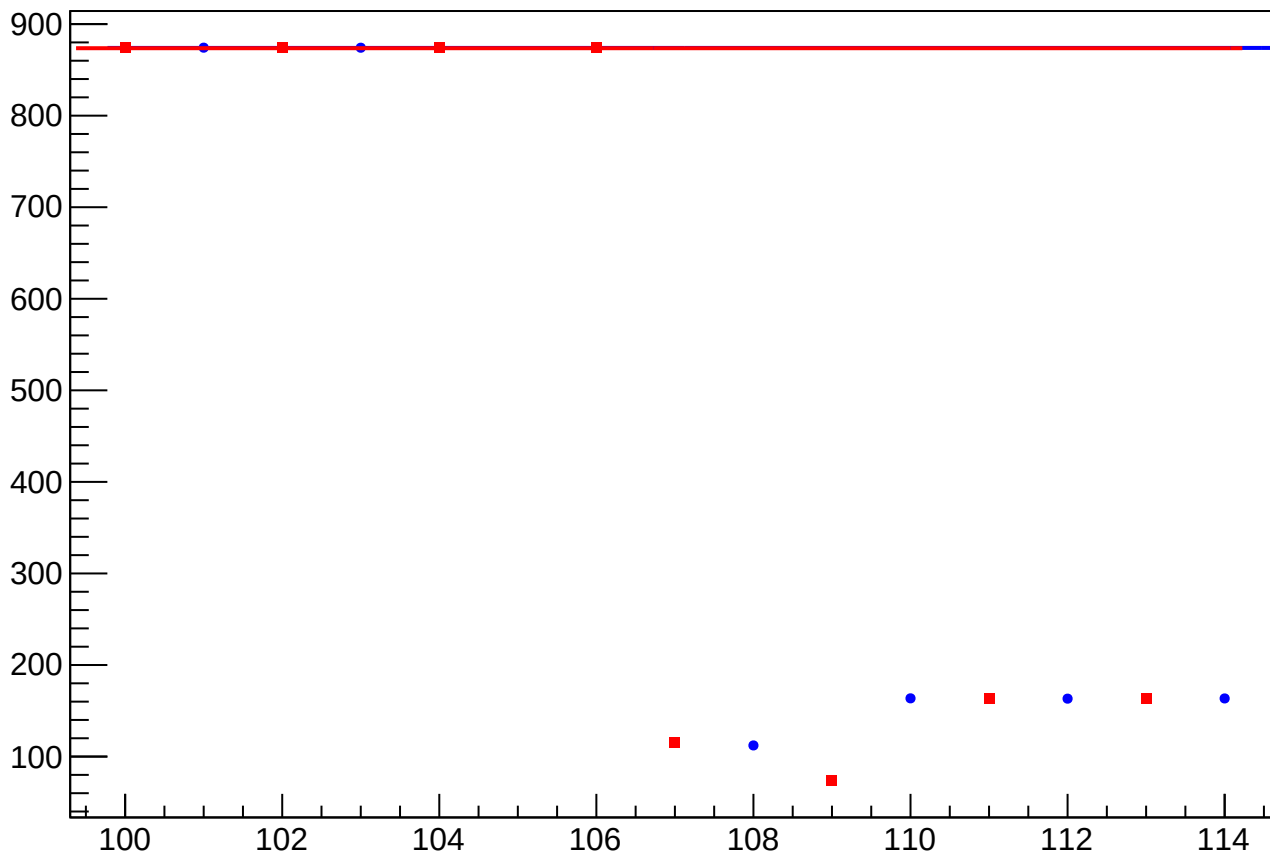
Right: 0.384+/-0.000 χ^2/NDF : 2103144.0/13

In: 0.367+/-0.000 χ^2/NDF : 1152021.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

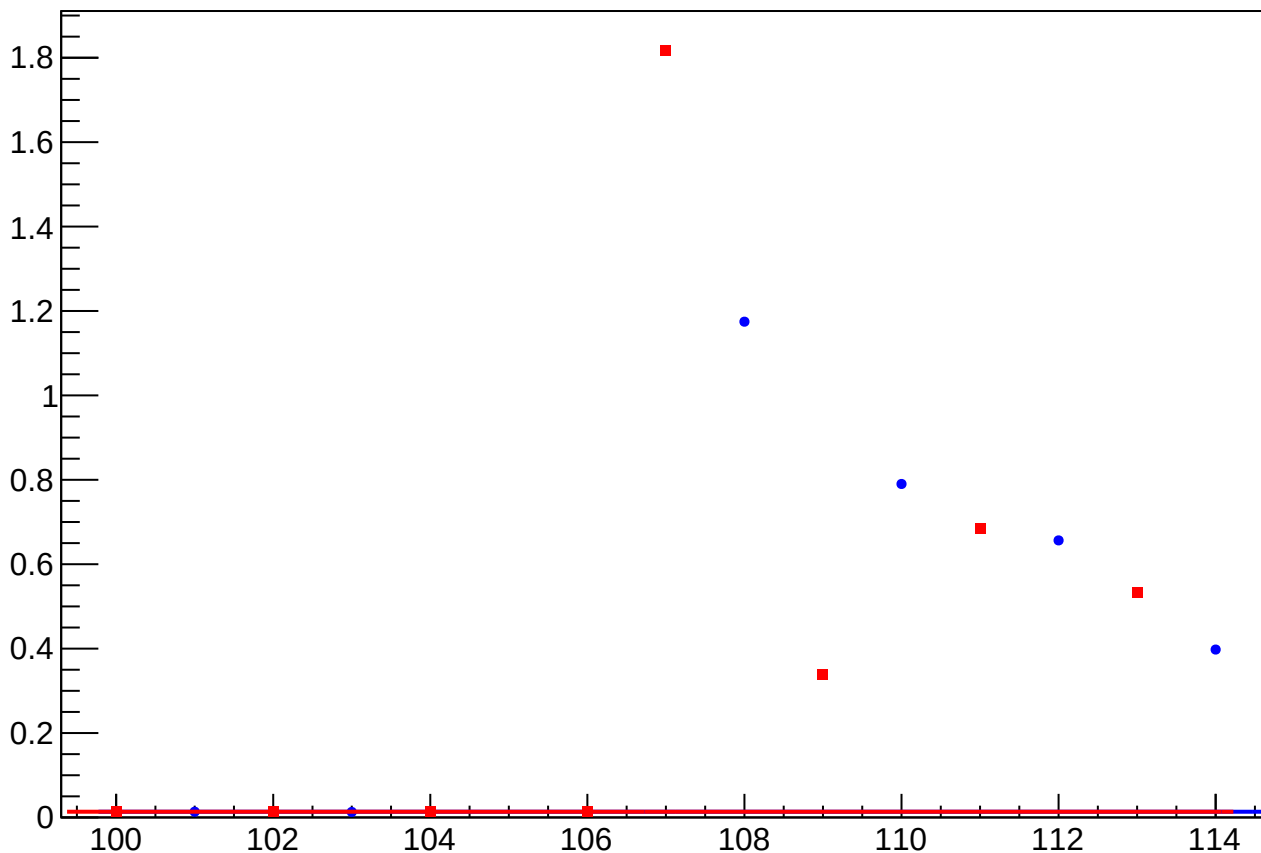
All: 0.384+/-0.000 χ^2/NDF : 2103144.0/13

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.973+/-0.000 χ^2/NDF : 1283967176555.3/5
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 873.663+/-0.000 χ^2/NDF : 3285944106398.6/7
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 873.807+/-0.000 χ^2/NDF : 4570277555856.0/7

yield_cav4bQ_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

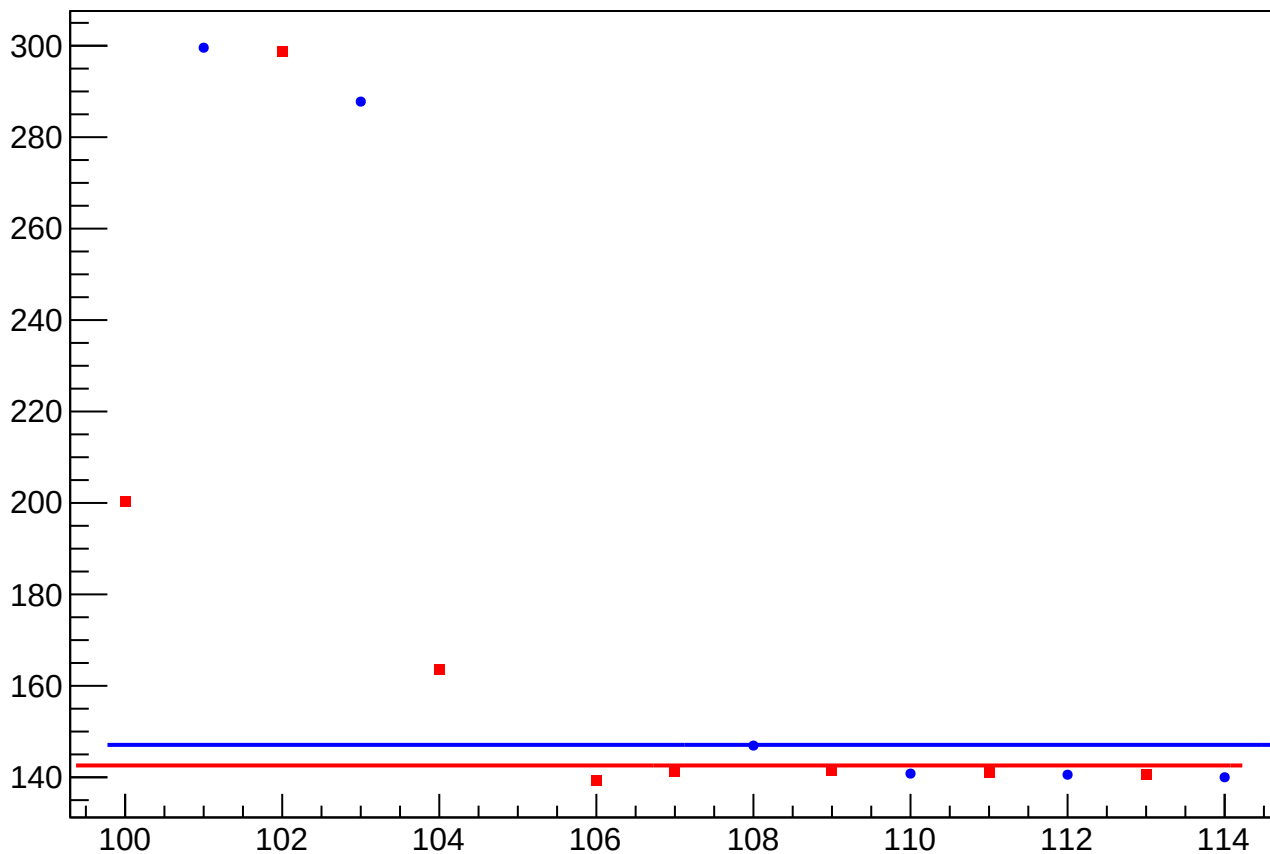
Right: 0.014 $\pm$ 0.000 χ^2 /NDF: 4959965.7/13

In: 0.014 $\pm$ 0.000 χ^2 /NDF:2344204.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 4959965.7/13

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 147.089+/-0.001 χ^2/NDF : 581997296.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.582+/-0.001 χ^2/NDF : 215728575.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

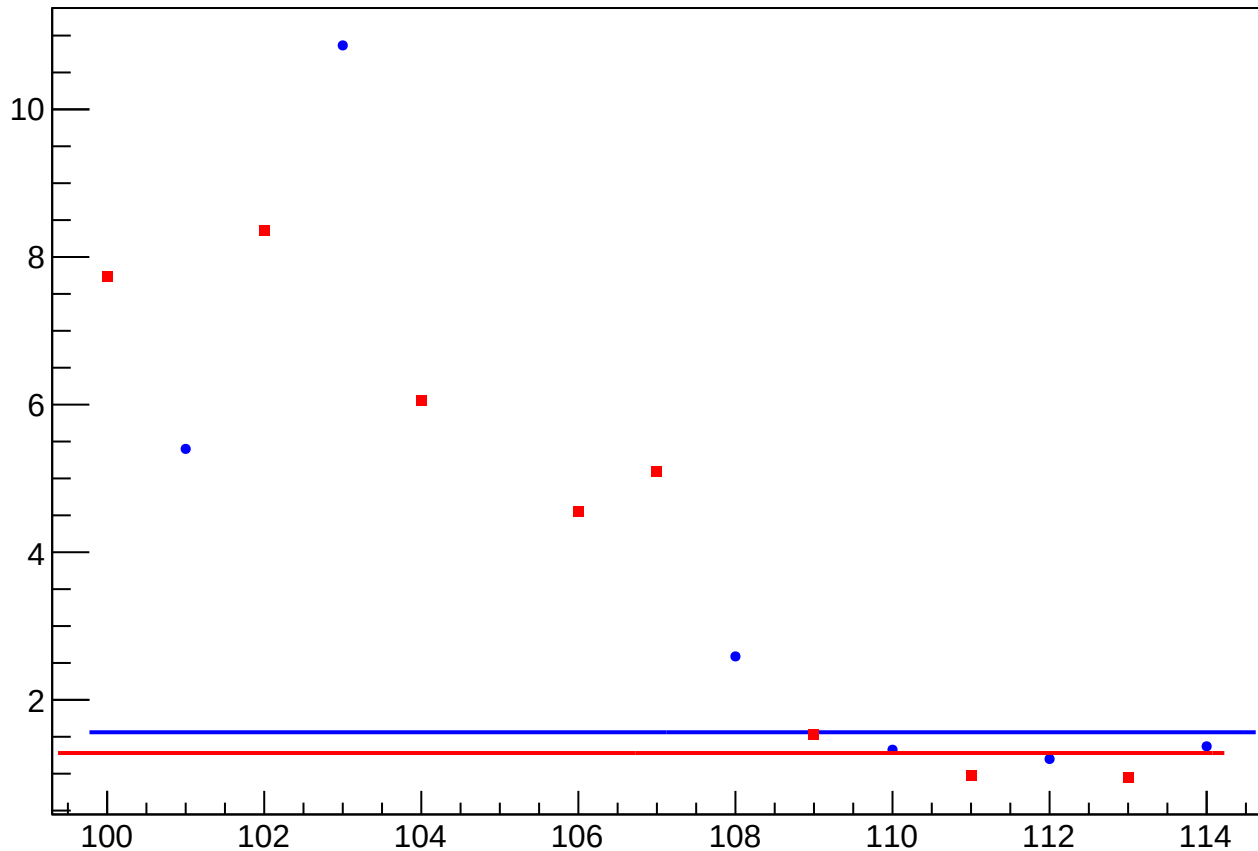
Right: 144.329+/-0.001 χ^2/NDF : 805714587.7/13

In: 147.089+/-0.001 χ^2/NDF : 581997296.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.329+/-0.001 χ^2/NDF : 805714587.7/13

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 1.561+/-0.001 χ^2/NDF : 1660923.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.280+/-0.001 χ^2/NDF : 2203463.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

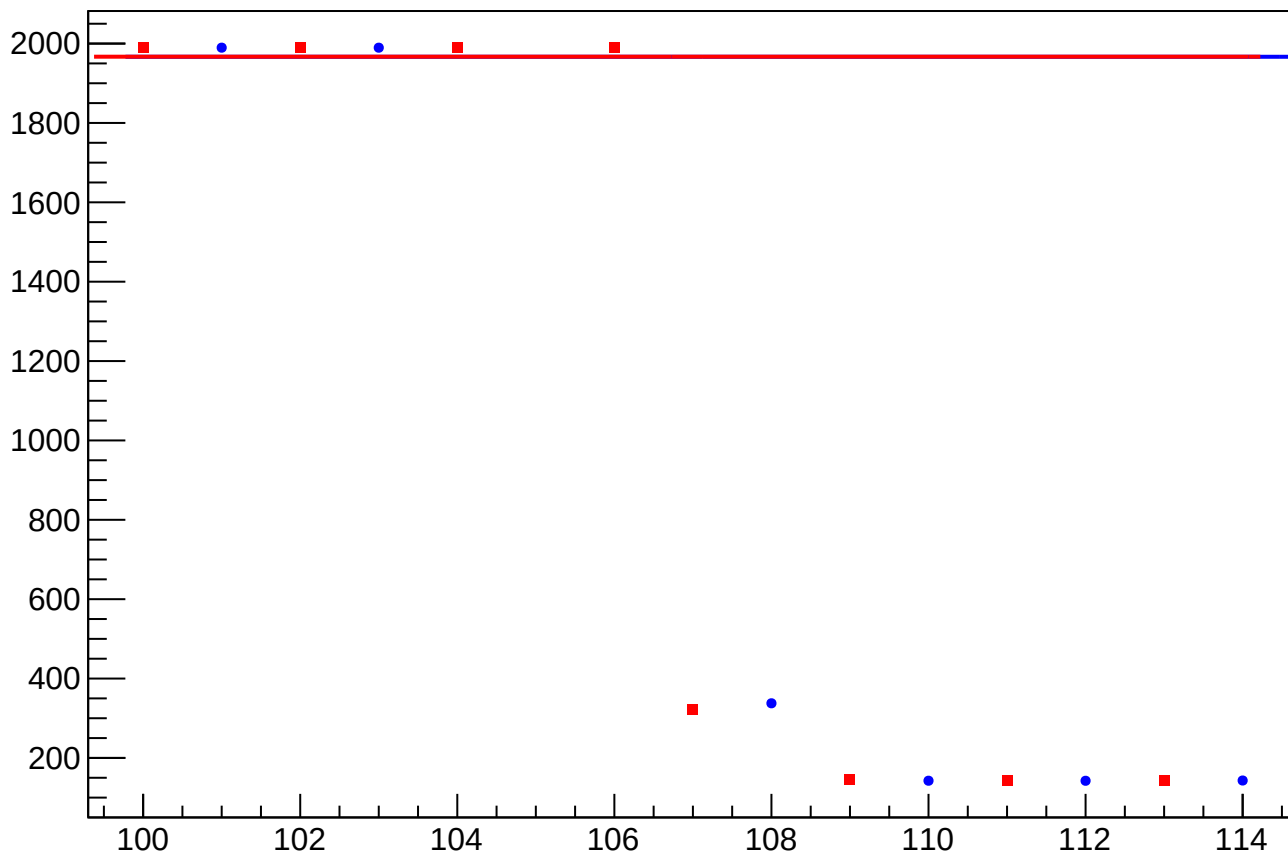
Right: 1.389+/-0.001 χ^2/NDF : 3926626.8/13

In: 1.561+/-0.001 χ^2/NDF : 1660923.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.389+/-0.001 χ^2/NDF : 3926626.8/13

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Right In: 1966.743+/-0.000 $\chi^2/NDF: 22144044026996.4/5$

Right: 1966.850+/-0.000 $\chi^2/NDF: 48174997246458$

Left Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

In: 1966.743+/-0.000 $\chi^2/NDF: 22144044026996.4$

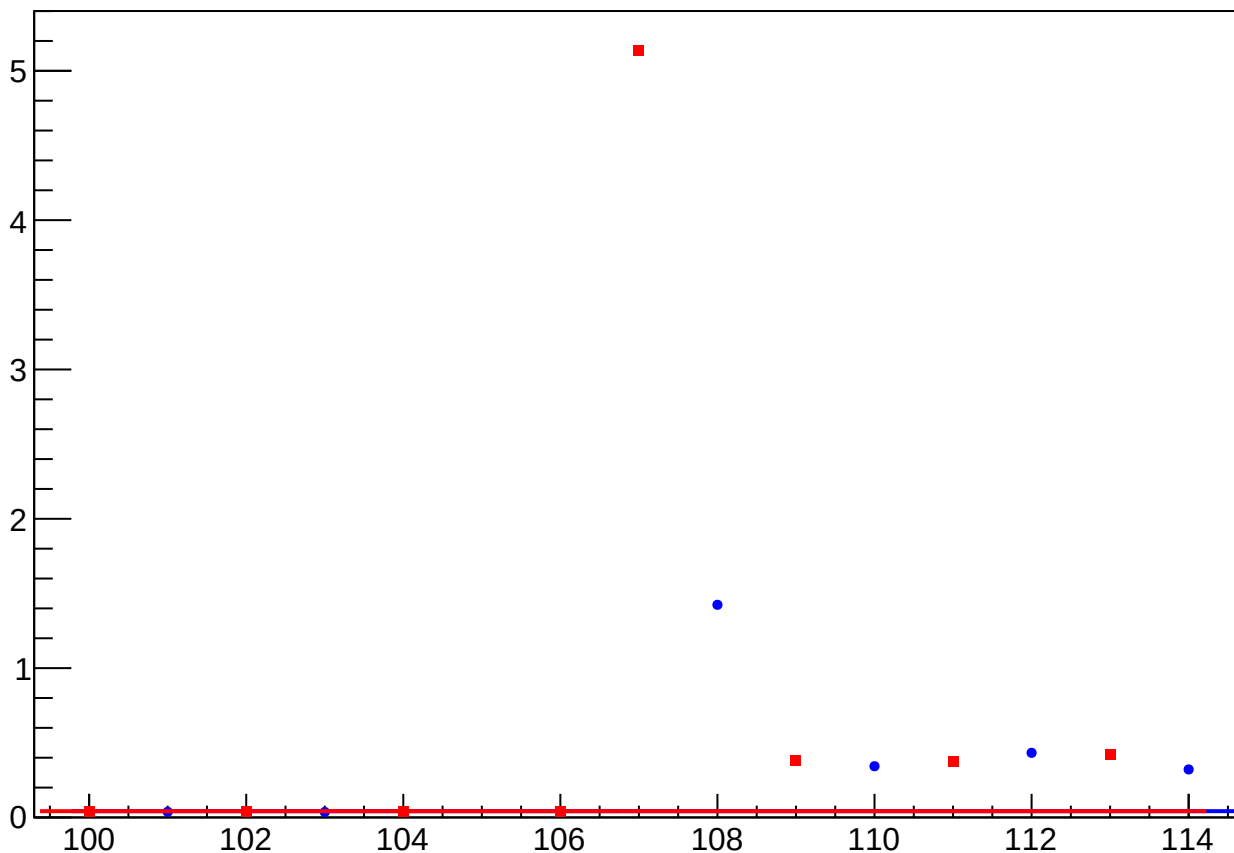
Right Out: 1966.941+/-0.000 $\chi^2/NDF: 26030941940640.8/7$

Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

All: 1966.850+/-0.000 $\chi^2/NDF: 48174997246$

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 2089118.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 2256338.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

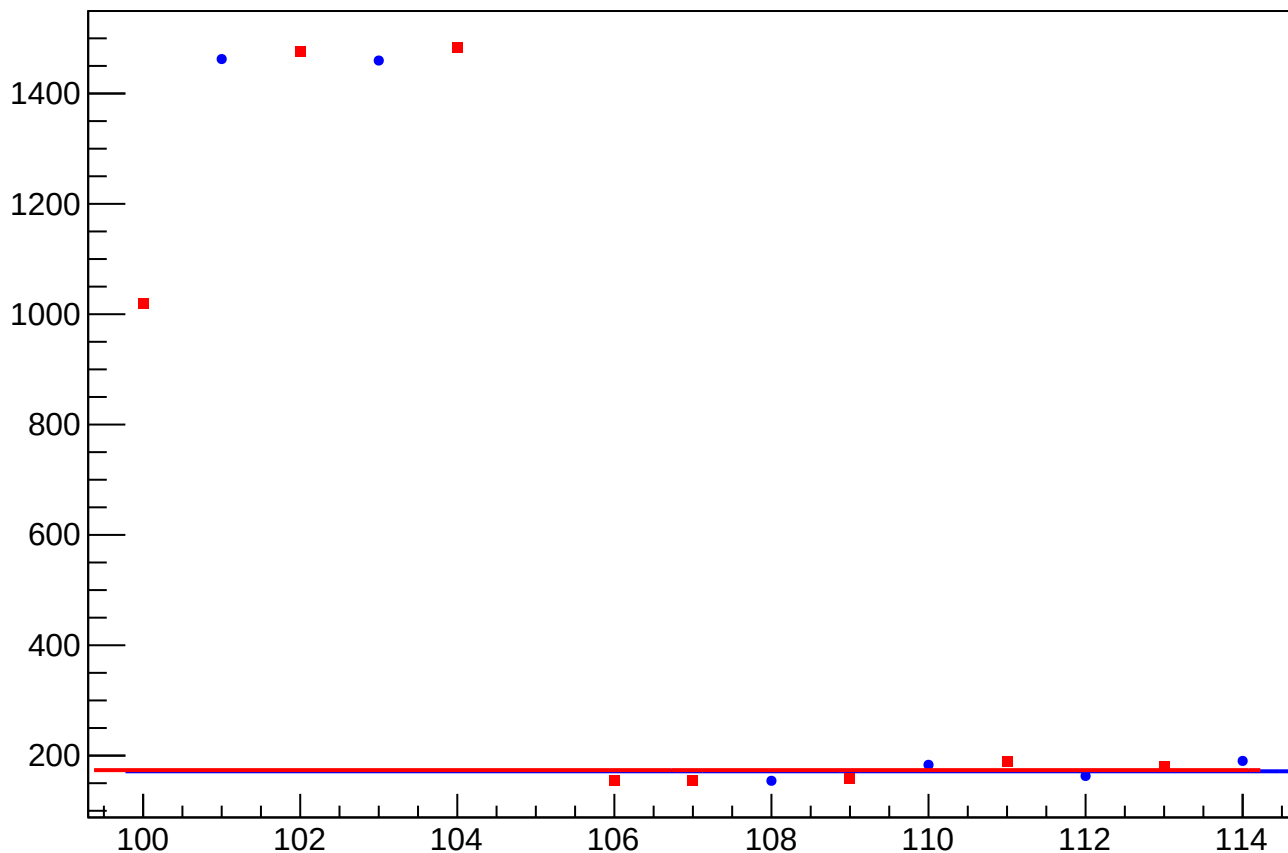
Right: 0.042+/-0.000 χ^2/NDF : 4345460.4/13

In: 0.042+/-0.000 χ^2/NDF : 2089118.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

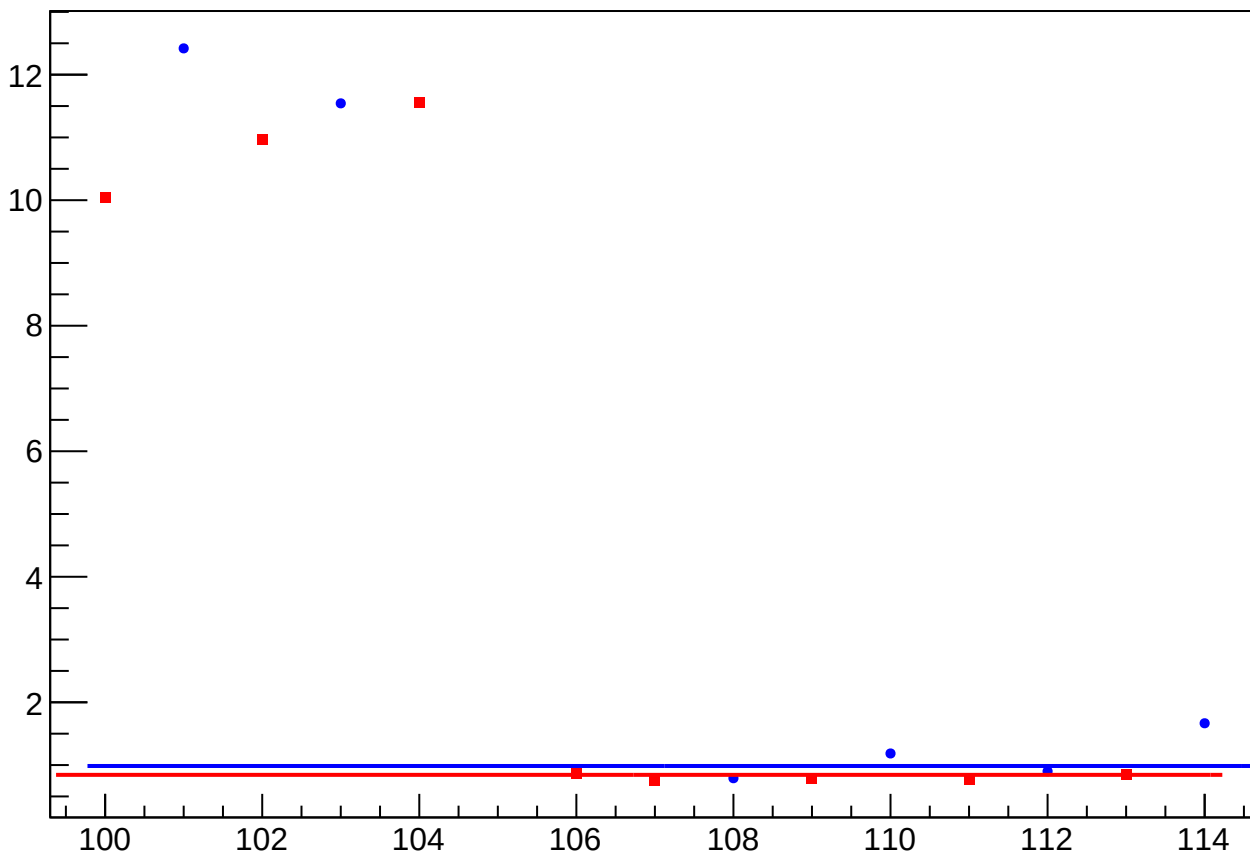
All: 0.042+/-0.000 χ^2/NDF : 4345460.4/13

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 171.567+/-0.001 χ^2/NDF : 14224568596.3/5
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 172.928+/-0.001 χ^2/NDF : 30195464387.7/13
 Right Out: 173.685+/-0.001 χ^2/NDF : 15967343718.2/7
 In: 171.567+/-0.001 χ^2/NDF : 14224568596.3/5
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 172.928+/-0.001 χ^2/NDF : 30195464387.7/13

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.985+/-0.001 χ^2/NDF : 2121756.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.844+/-0.000 χ^2/NDF : 2025995.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

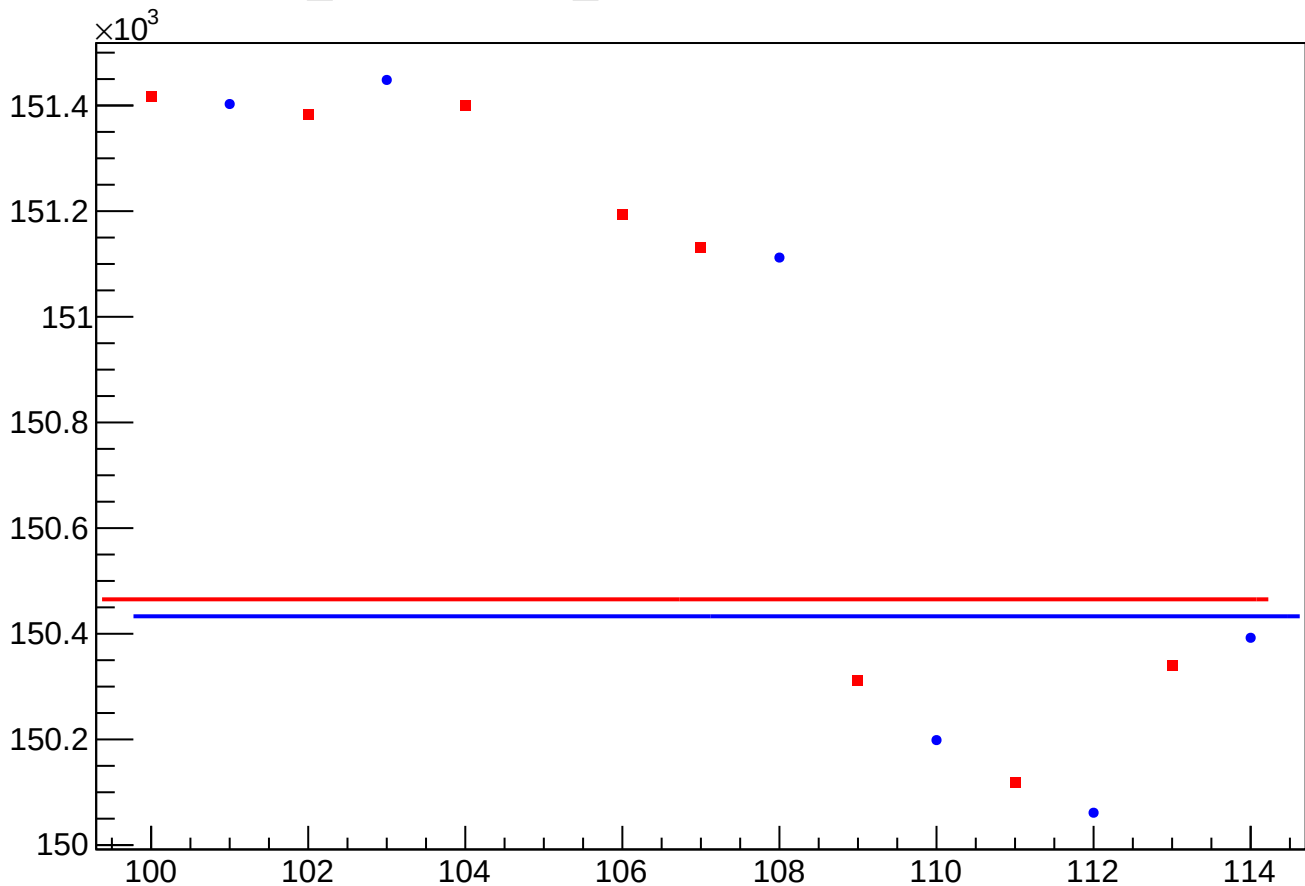
Right: 0.894+/-0.000 χ^2/NDF : 4179398.5/13

In: 0.985+/-0.001 χ^2/NDF : 2121756.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.894+/-0.000 χ^2/NDF : 4179398.5/13

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150433.081 $\pm$ 0.090 χ^2 /NDF: 28247513.5/5

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

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

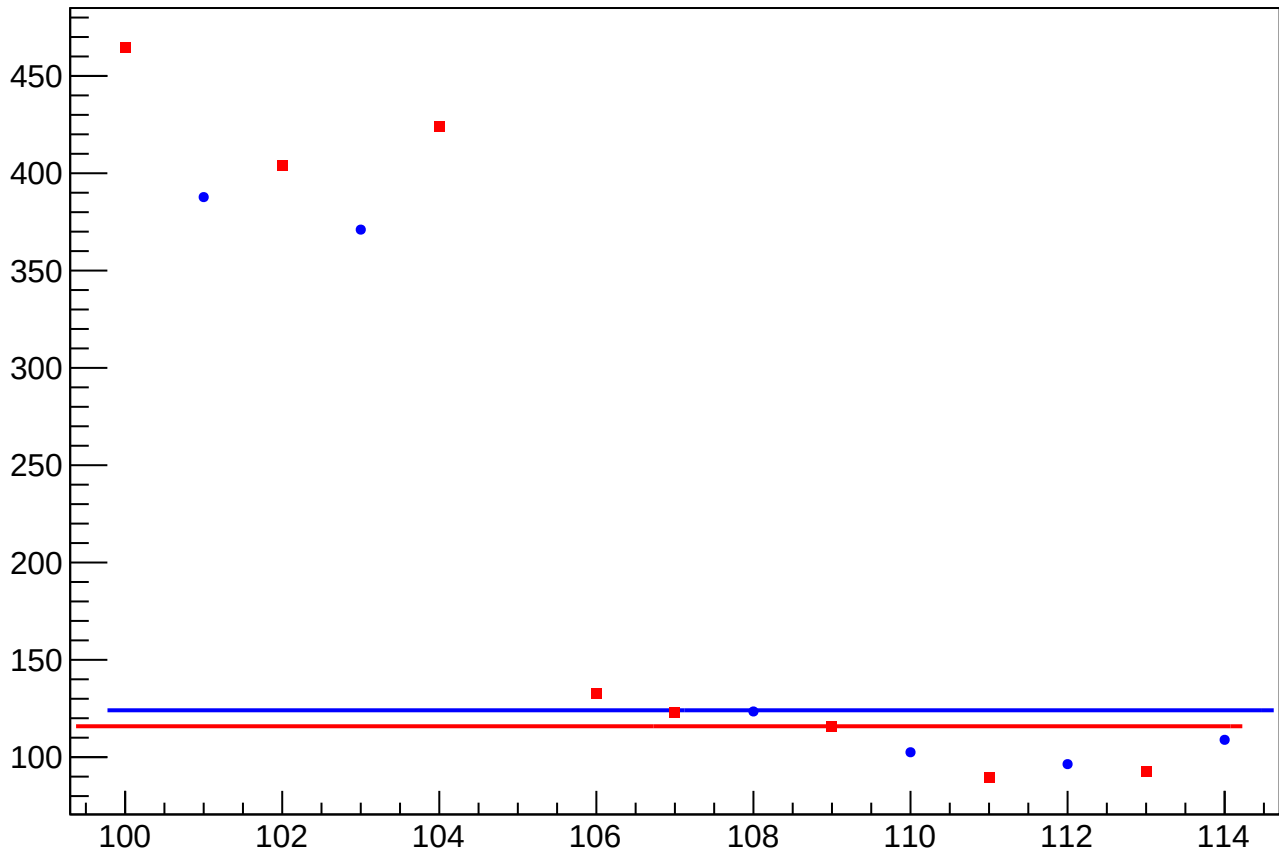
Right: 150452.223 $\pm$ 0.057 χ^2 /NDF: 59113274.3/13

In: 150433.081 $\pm$ 0.090 χ^2 /NDF: 28247513.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150452.223 $\pm$ 0.057 χ^2 /NDF: 59113274.3/13

yield_bpm2i01WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

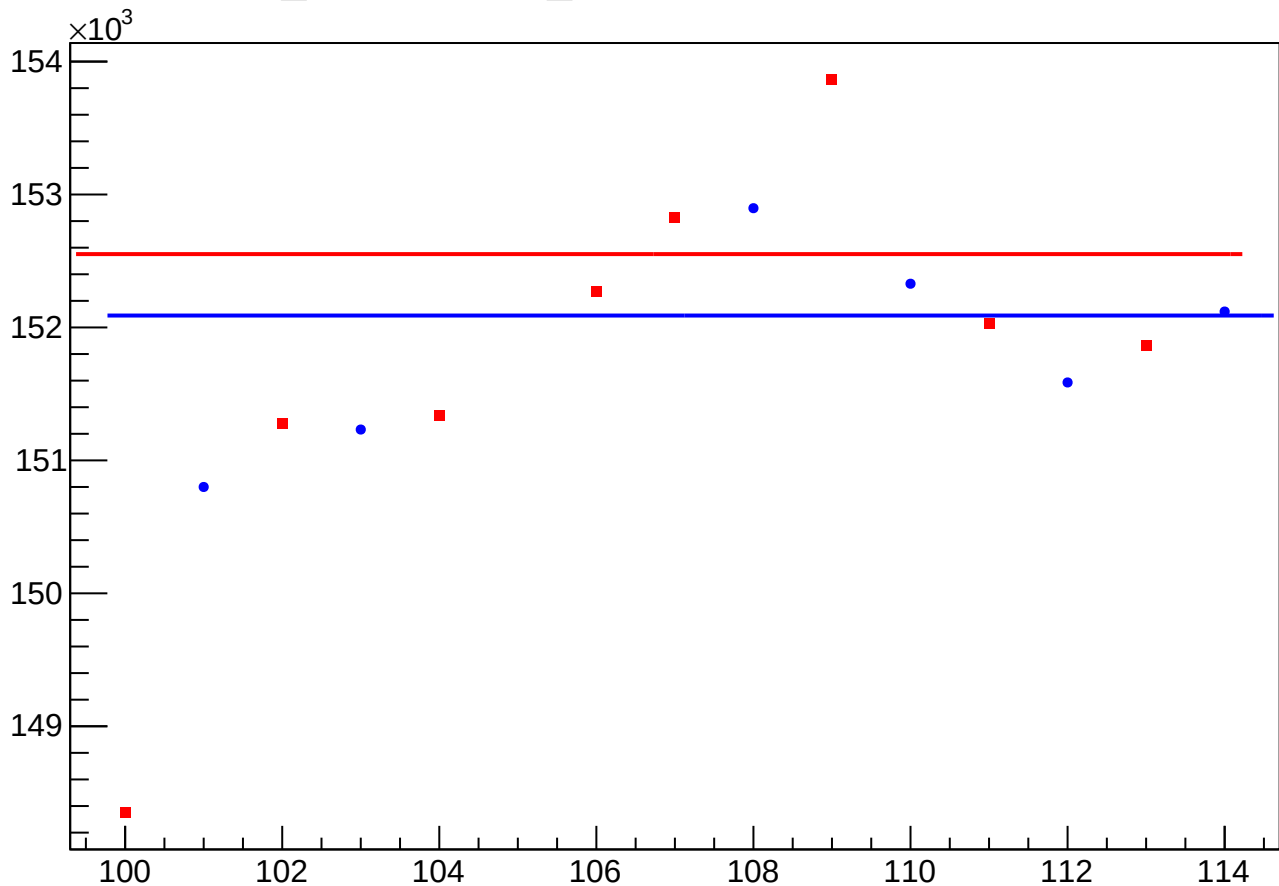
Right: 119.187+/-0.040 χ^2/NDF : 2654019.8/13

In: 124.078+/-0.064 χ^2/NDF : 1217210.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

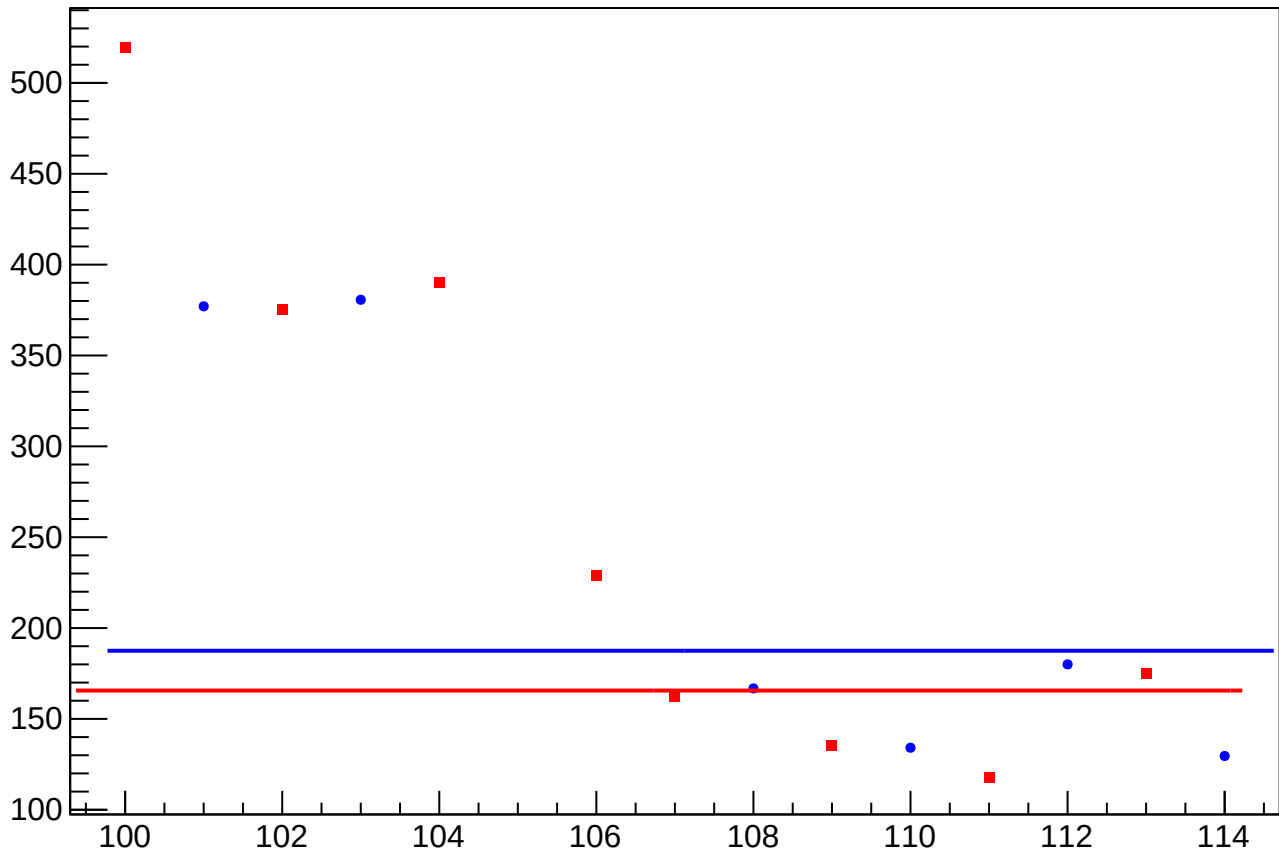
All: 119.187+/-0.040 χ^2/NDF : 2654019.8/13

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152089.601 $\pm$ 0.131 χ^2 /NDF: 23865877.6/5
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 152369.117 $\pm$ 0.082 χ^2 /NDF: 107551216.1/1
 Right Out: 152551.732 $\pm$ 0.106 χ^2 /NDF: 76119658.0/7
 In: 152089.601 $\pm$ 0.131 χ^2 /NDF: 23865877.6/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 152369.117 $\pm$ 0.082 χ^2 /NDF: 107551216.1/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

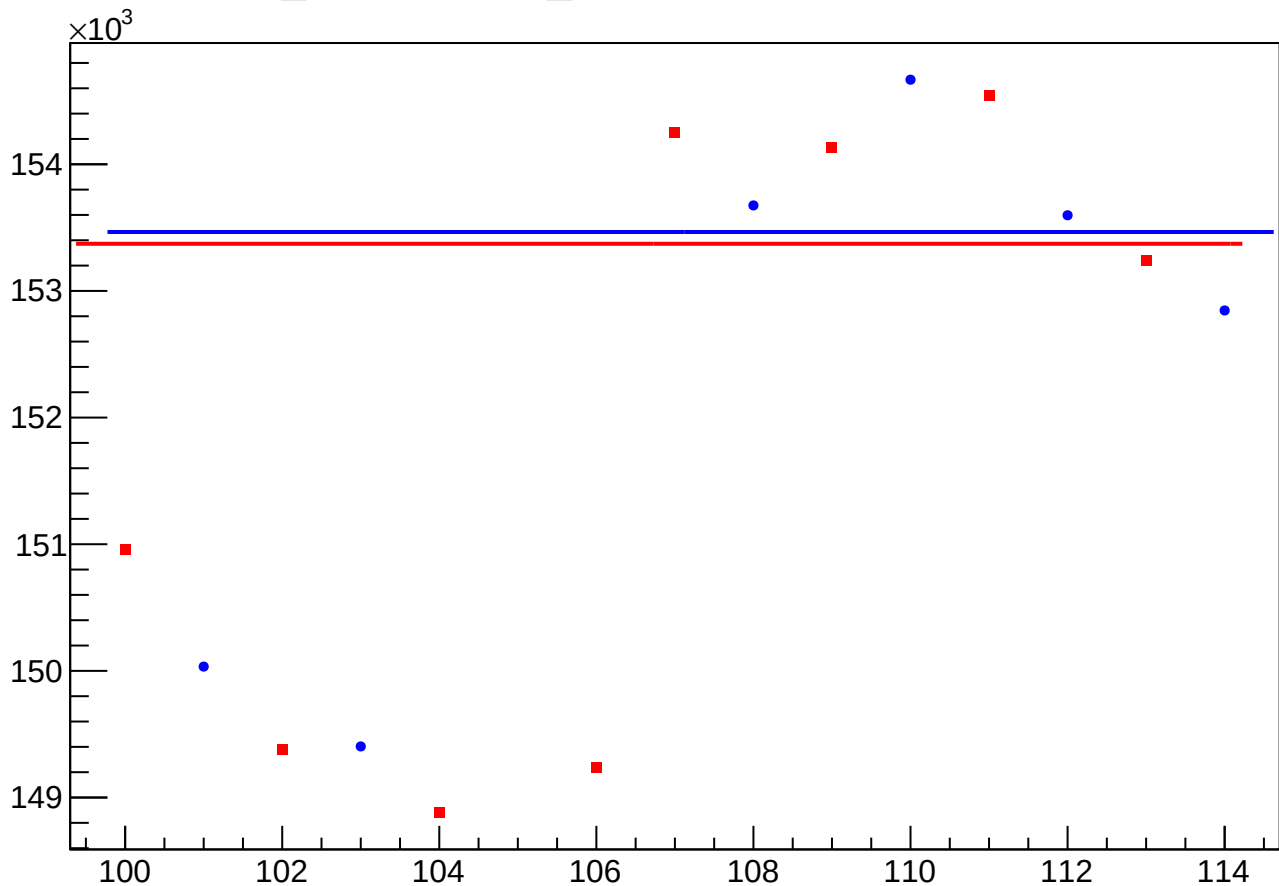
Right: 174.255+/-0.058 χ^2/NDF : 1873432.1/13

In: 187.496+/-0.092 χ^2/NDF : 798229.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.255+/-0.058 χ^2/NDF : 1873432.1/13

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153465.433+/-0.111 χ^2 /NDF: 144936657.6/5

Right: 153411.017+/-0.072 χ^2 /NDF: 469061354.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153372.433+/-0.094 χ^2 /NDF: 323714999.9/7

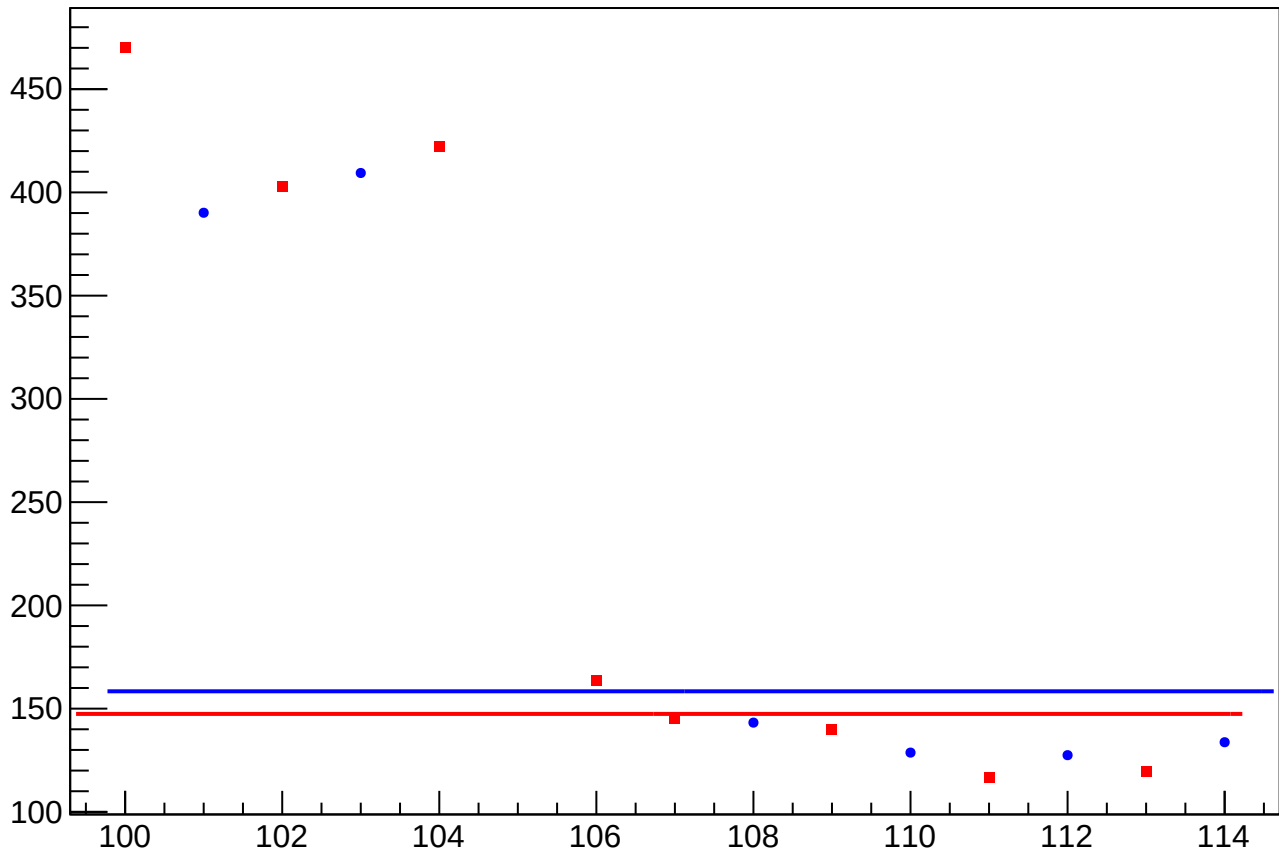
In: 153465.433+/-0.111 χ^2 /NDF: 144936657.6/5

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153411.017+/-0.072 χ^2 /NDF: 469061354.8/1

yield_bpm0i01WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

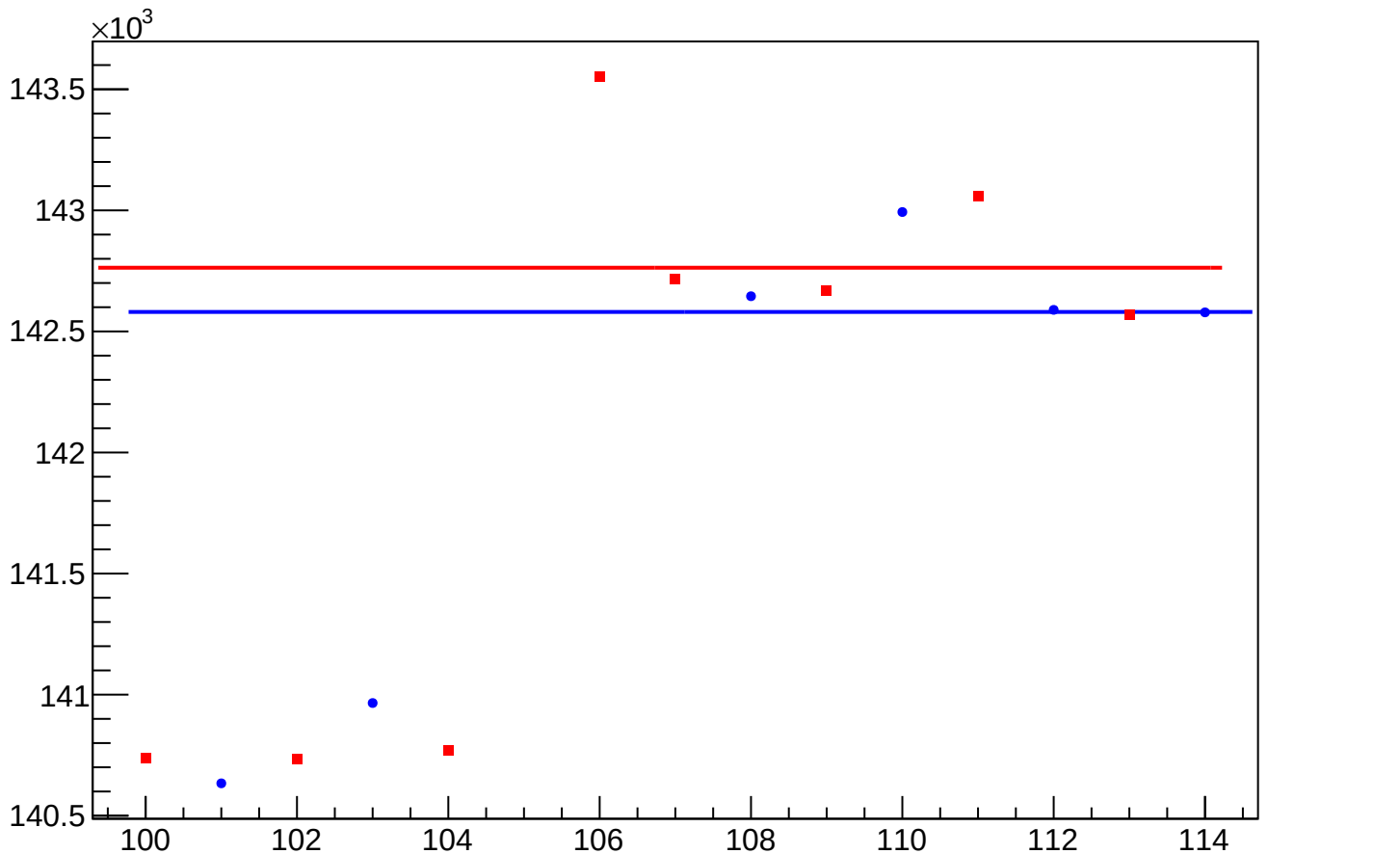
Right: 151.989 $\pm$ 0.051 χ^2 /NDF: 2174139.5/13

In: 158.396 $\pm$ 0.079 χ^2 /NDF:1021054.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

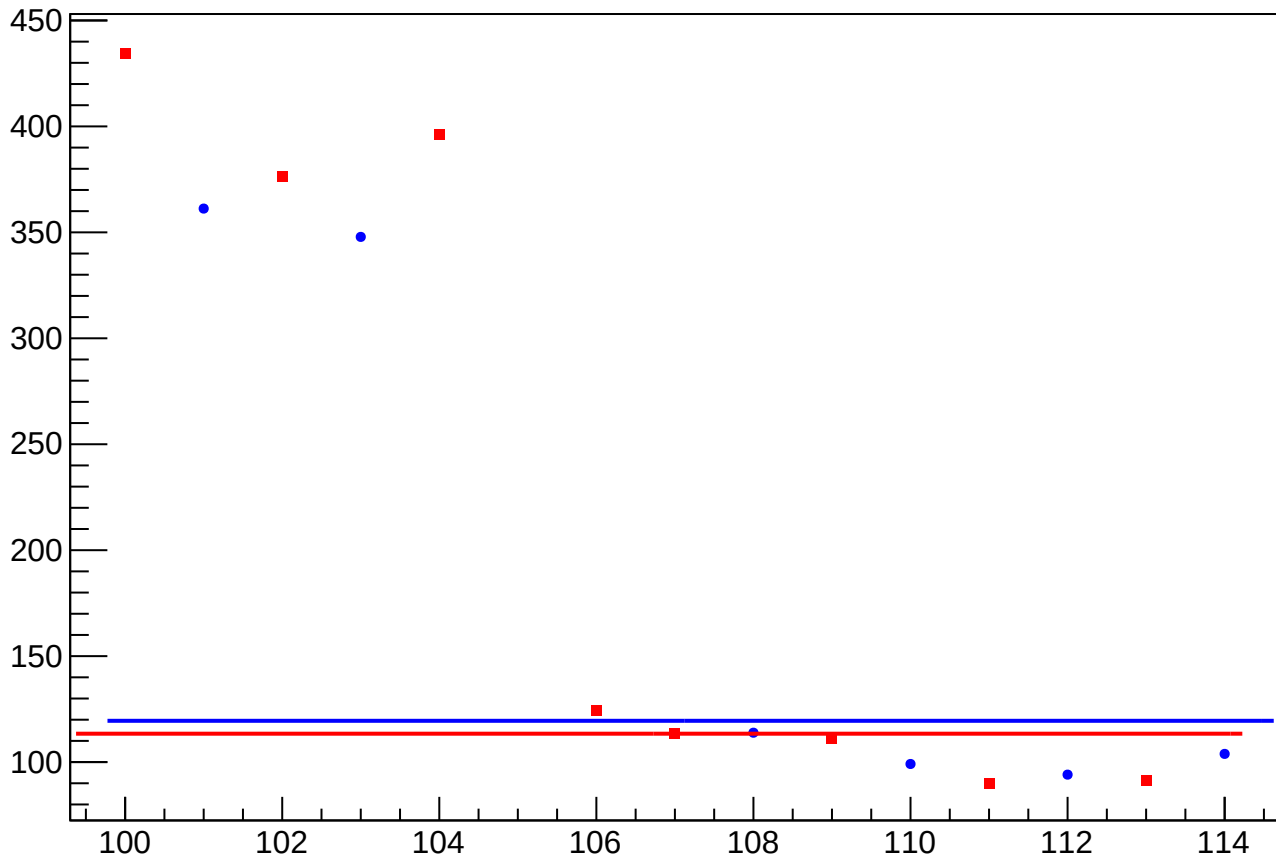
All: 151.989 $\pm$ 0.051 χ^2 /NDF: 2174139.5/13

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



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
 Right Out: 142763.096 $\pm$ 0.072 χ^2 /NDF: 53135388.8/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 142688.185 $\pm$ 0.055 χ^2 /NDF: 93536076.8/13
 In: 142580.474 $\pm$ 0.086 χ^2 /NDF:37757457.3/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142688.185 $\pm$ 0.055 χ^2 /NDF: 93536076.8/13

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.481+/-0.061 χ^2/NDF : 1180350.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.397+/-0.051 χ^2/NDF : 1353453.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

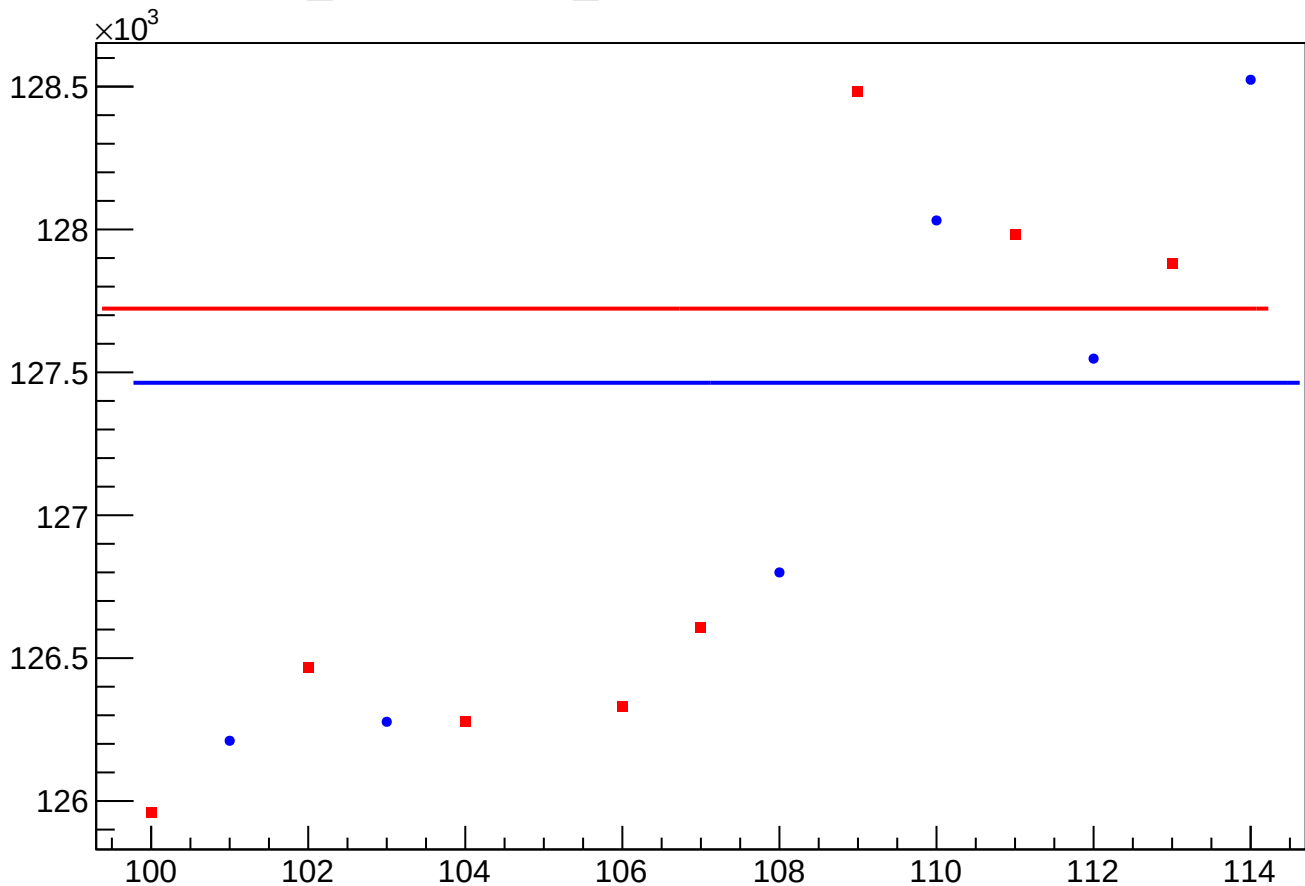
Right: 115.892+/-0.039 χ^2/NDF : 2539671.2/13

In: 119.481+/-0.061 χ^2/NDF : 1180350.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.892+/-0.039 χ^2/NDF : 2539671.2/13

yield_bpm0l01WS_mean vs Slug, Sign Corrected



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

Right Out: 127723.057 $\pm$ 0.088 χ^2 /NDF: 70278913.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

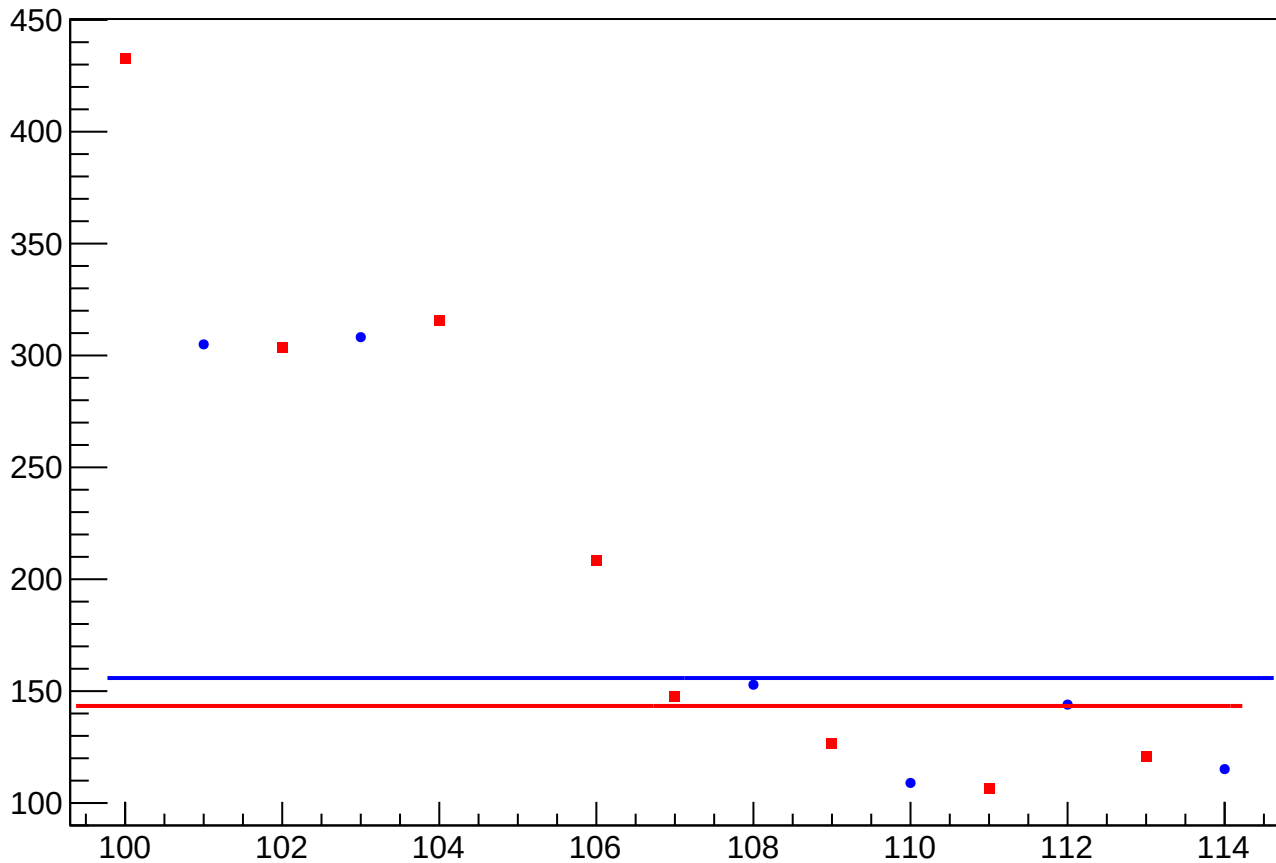
Right: 127617.005 $\pm$ 0.068 χ^2 /NDF: 120295746.2/1

In: 127463.558 $\pm$ 0.106 χ^2 /NDF:46468643.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127617.005 $\pm$ 0.068 χ^2 /NDF: 120295746.2/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

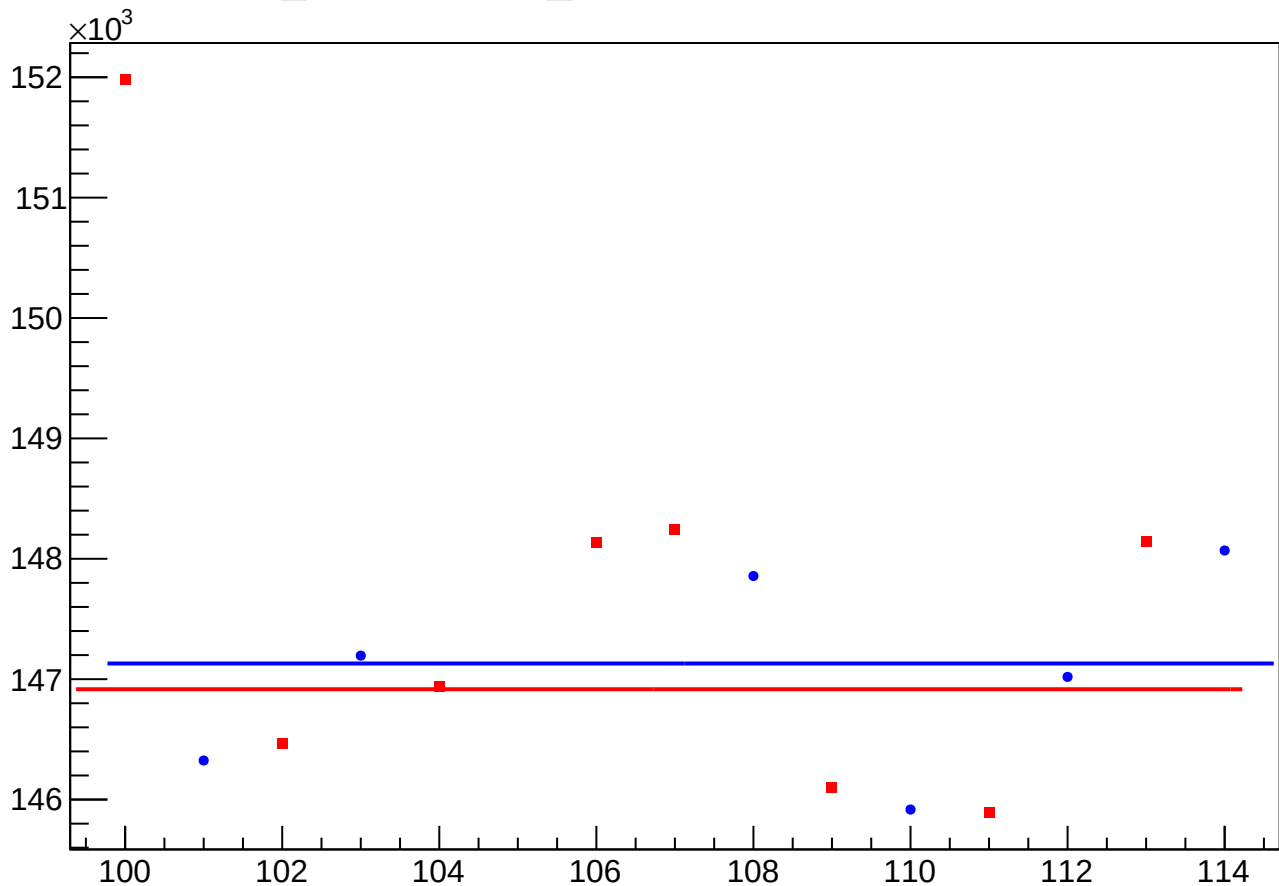
Right: 148.473 $\pm$ 0.048 χ^2 /NDF: 1727134.4/13

In: 155.852 $\pm$ 0.075 χ^2 /NDF: 771997.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

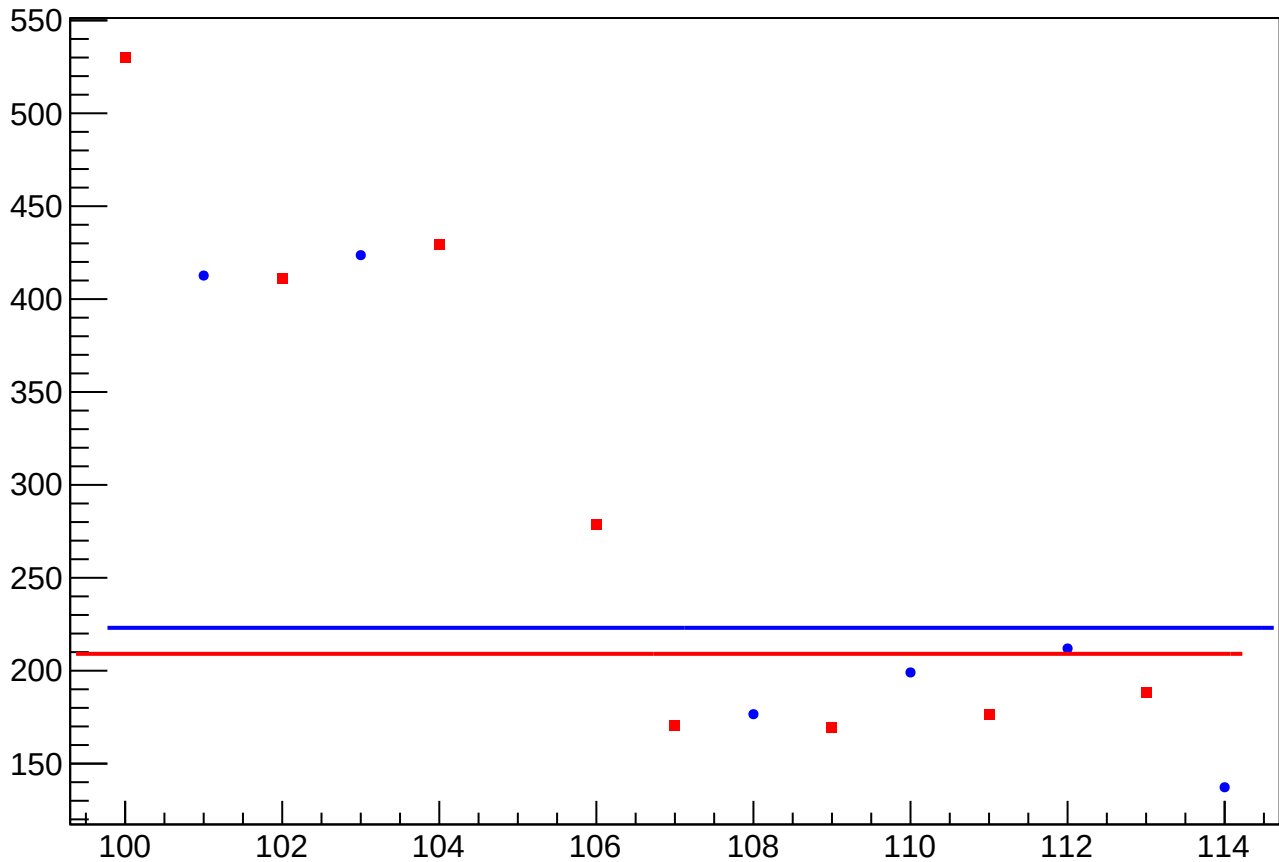
All: 148.473 $\pm$ 0.048 χ^2 /NDF: 1727134.4/13

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147130.291 ± 0.151 $\chi^2/\text{NDF}: 27451787.5/5$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 146916.476 ± 0.128 $\chi^2/\text{NDF}: 70193415.4/7$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 147005.668 ± 0.098 $\chi^2/\text{NDF}: 98809332.8/13$

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 223.082+/-0.107 χ^2/NDF : 701571.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.082+/-0.091 χ^2/NDF : 788893.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

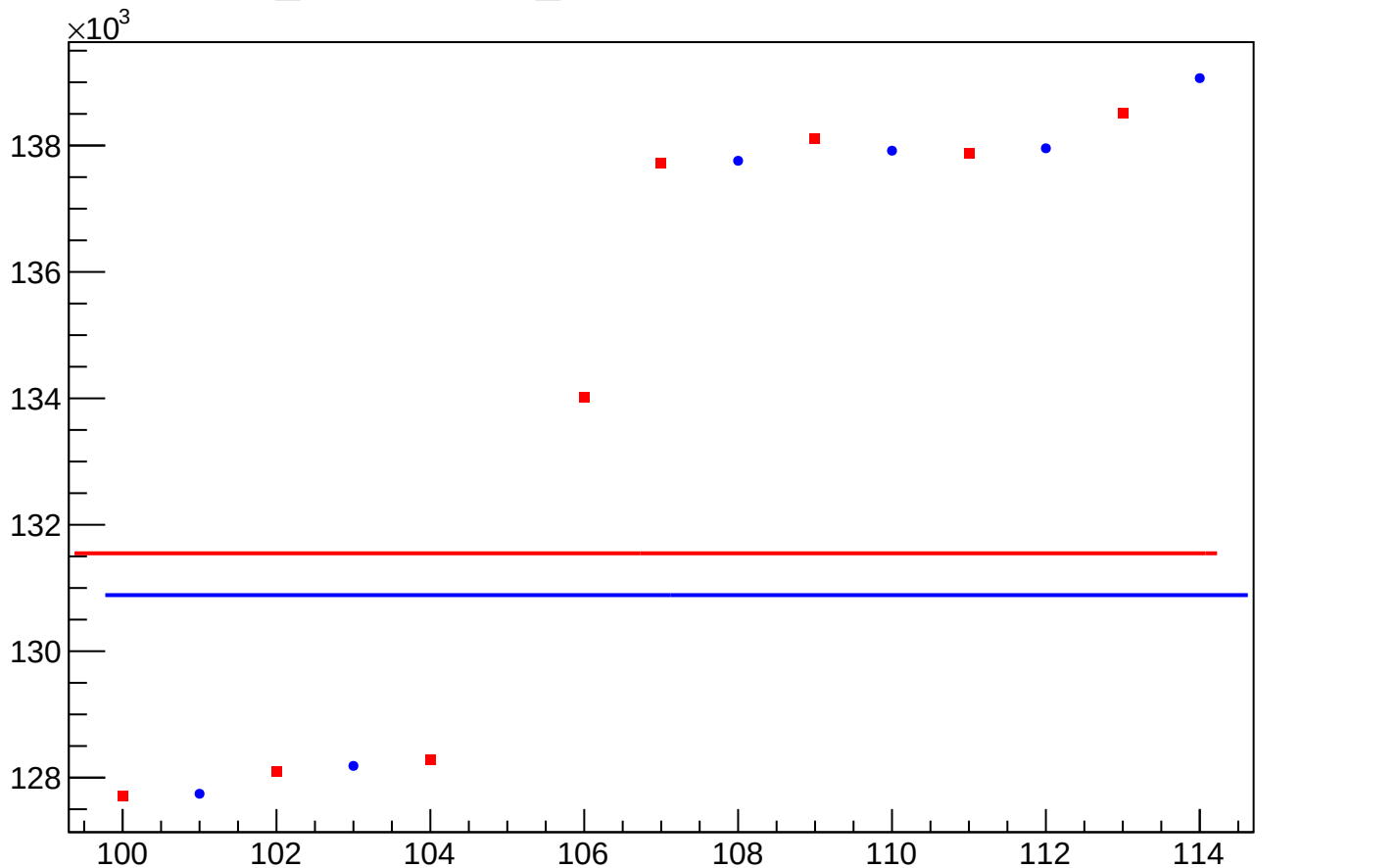
Right: 214.922+/-0.069 χ^2/NDF : 1500448.2/13

In: 223.082+/-0.107 χ^2/NDF : 701571.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

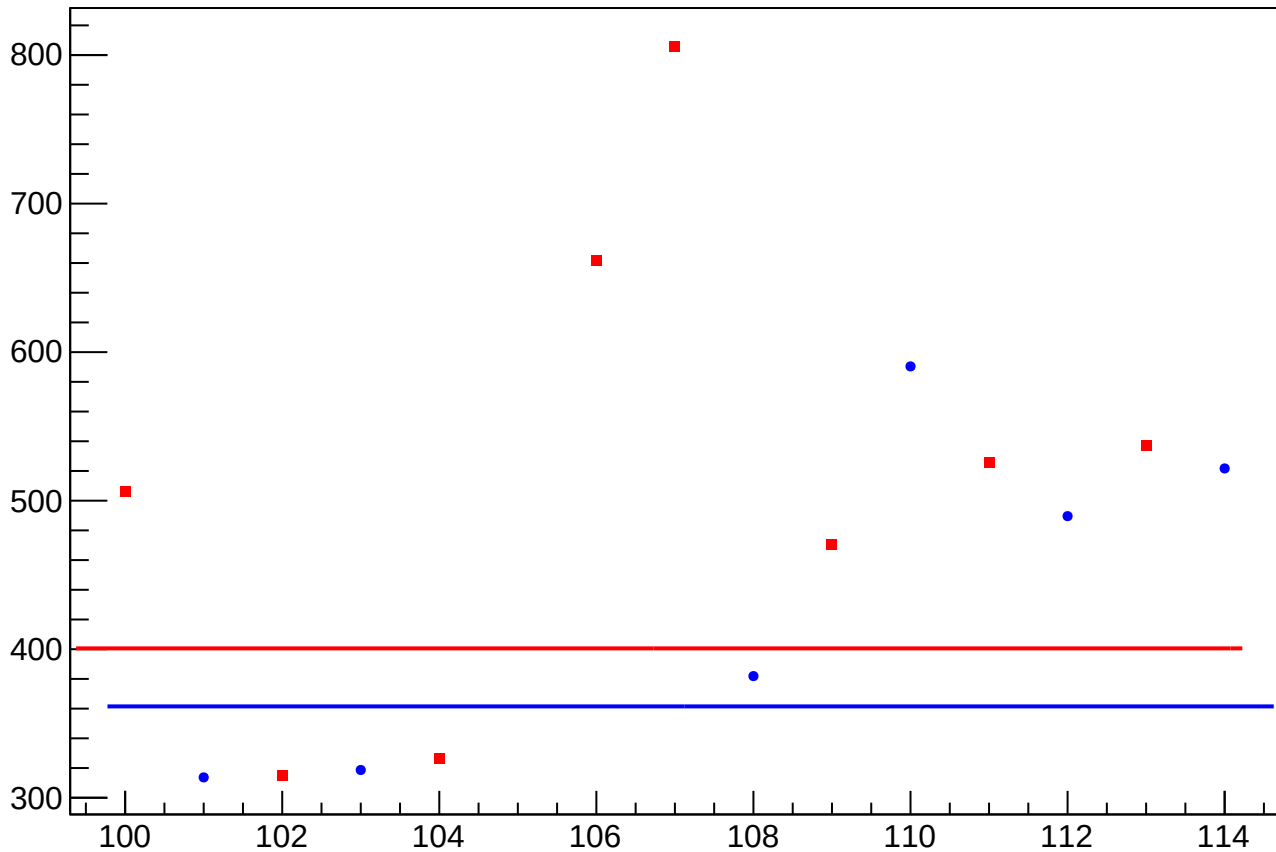
All: 214.922+/-0.069 χ^2/NDF : 1500448.2/13

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 130887.284 $\pm$ 0.237 χ^2 /NDF: 369695932.3/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 131548.626 $\pm$ 0.236 χ^2 /NDF: 385832078.3/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 130887.284 $\pm$ 0.237 χ^2 /NDF: 369695932.3/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 131220.567 $\pm$ 0.167 χ^2 /NDF: 759436532.0/1

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 361.497+/-0.168 χ^2/NDF : 238071.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.561+/-0.167 χ^2/NDF : 488917.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

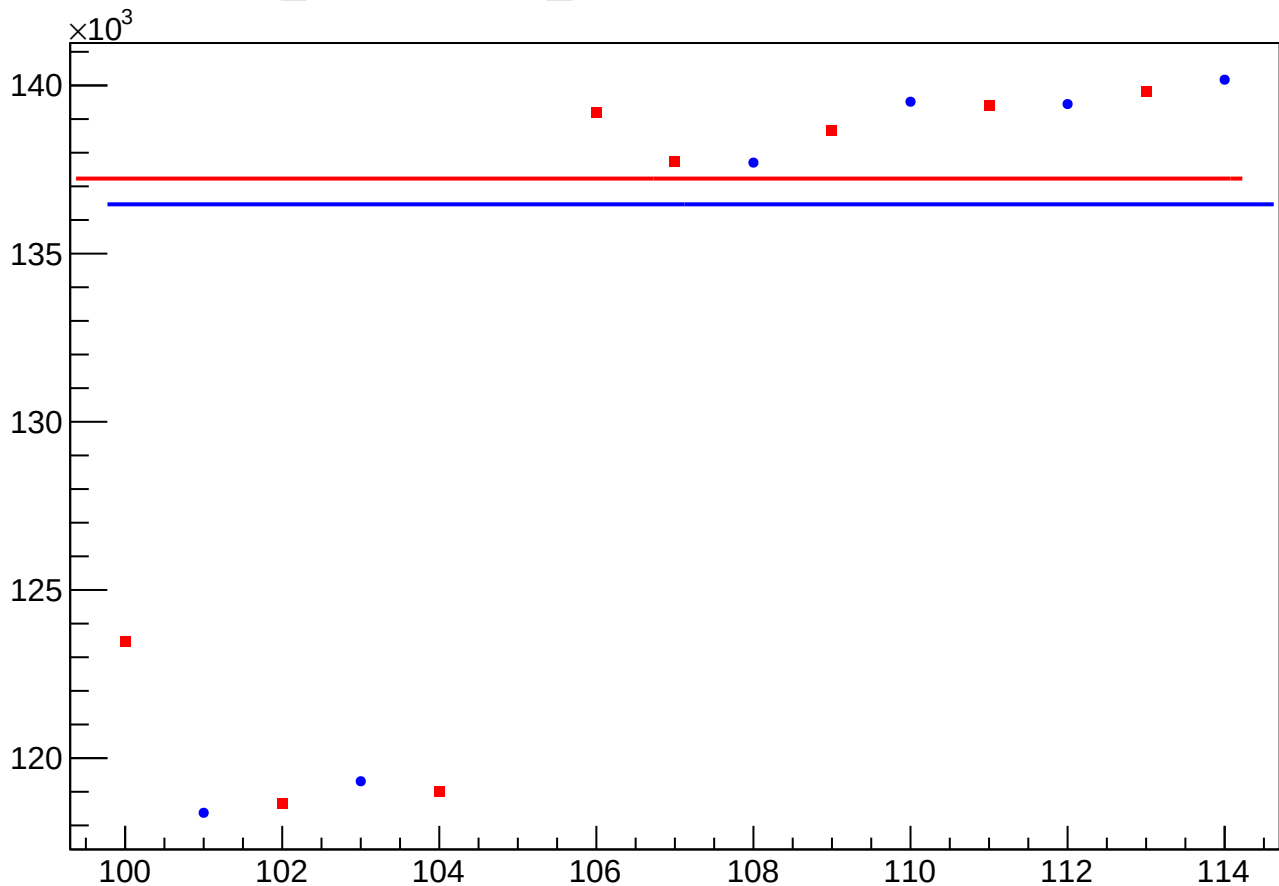
Right: 381.183+/-0.118 χ^2/NDF : 754263.4/13

In: 361.497+/-0.168 χ^2/NDF : 238071.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.183+/-0.118 χ^2/NDF : 754263.4/13

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136465.866+/-0.109 χ^2 /NDF: 4100191403.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 136897.941+/-0.072 χ^2 /NDF: 8102879845.9/7

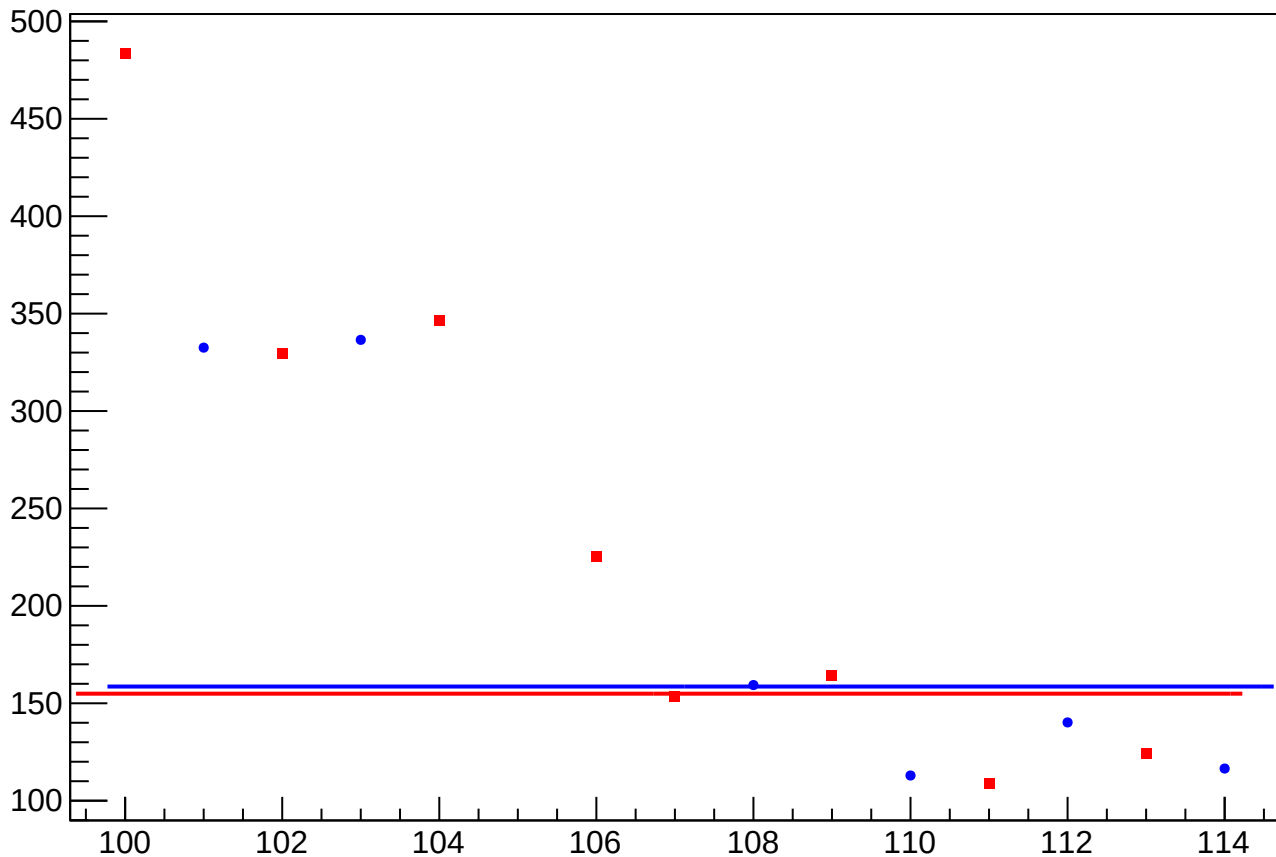
In: 136465.866+/-0.109 χ^2 /NDF: 4100191403.6/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 136897.941+/-0.072 χ^2 /NDF: 8102879845.9/7

yield_bpm0l04WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

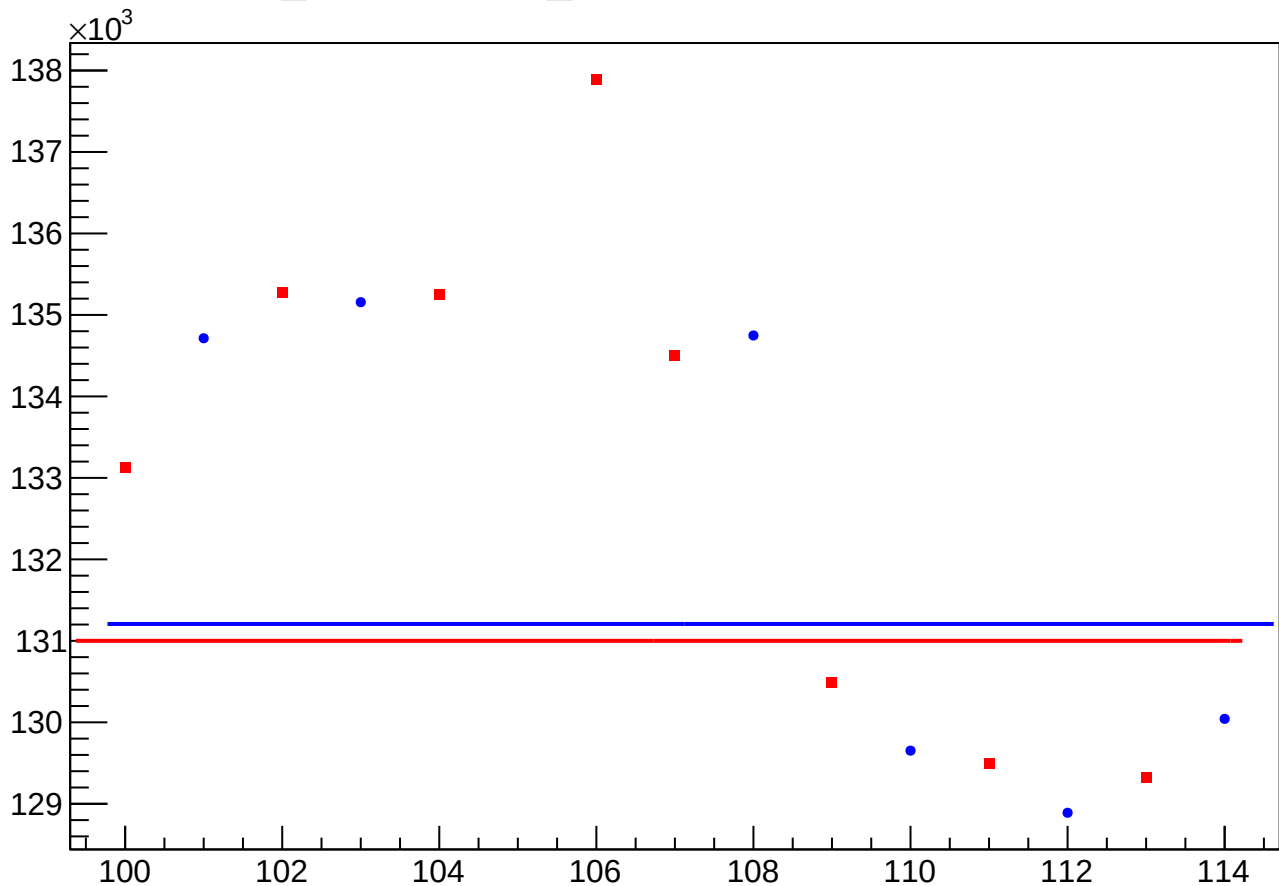
Right: 156.526 $\pm$ 0.051 χ^2 /NDF: 1868310.3/13

In: 158.594 $\pm$ 0.077 χ^2 /NDF:854092.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.526 $\pm$ 0.051 χ^2 /NDF: 1868310.3/13

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 131207.230+/-0.119 χ^2/NDF : 456487347.0/5

Right: 131083.243+/-0.075 χ^2/NDF : 1073005530.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131000.219+/-0.098 χ^2/NDF : 614711695.5/7

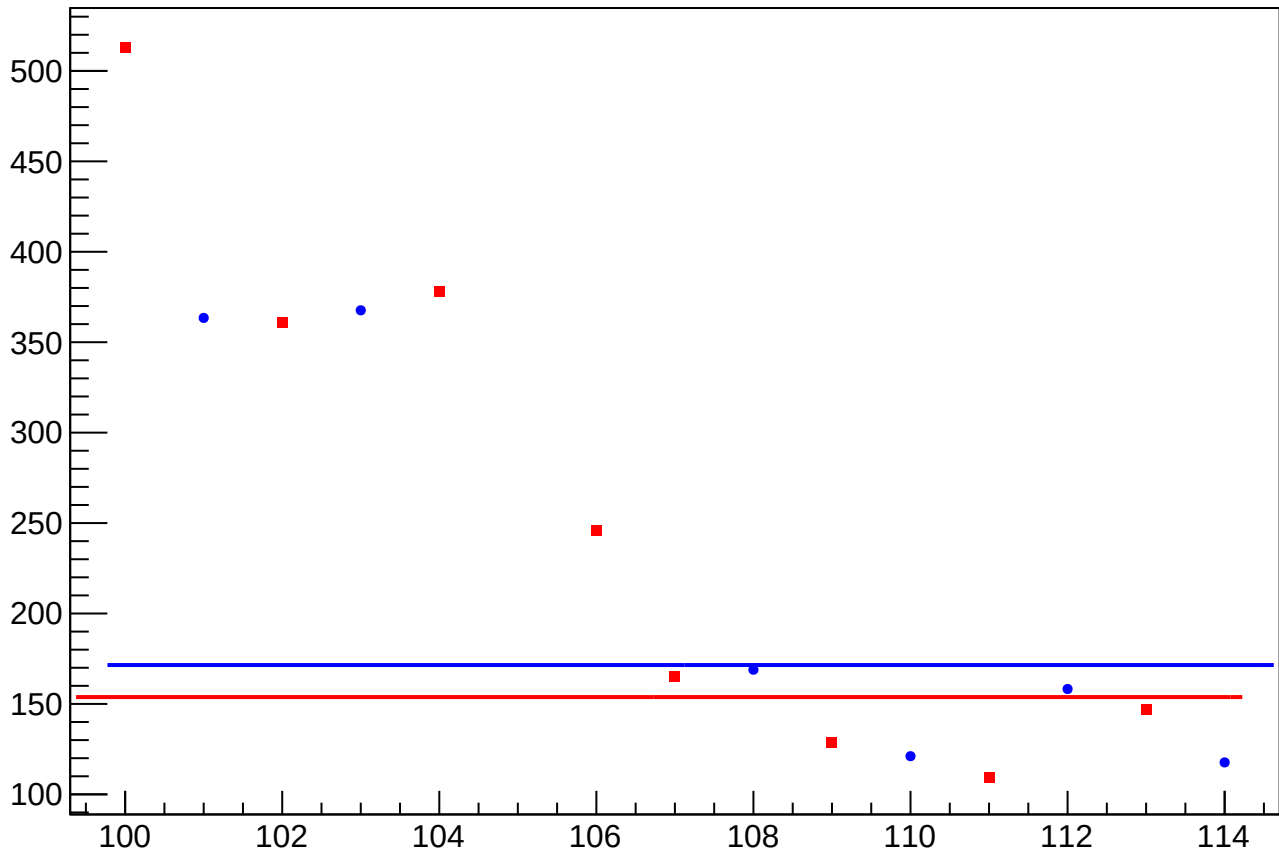
In: 131207.230+/-0.119 χ^2/NDF : 456487347.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131083.243+/-0.075 χ^2/NDF : 1073005530.2/5

yield_bpm0l05WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

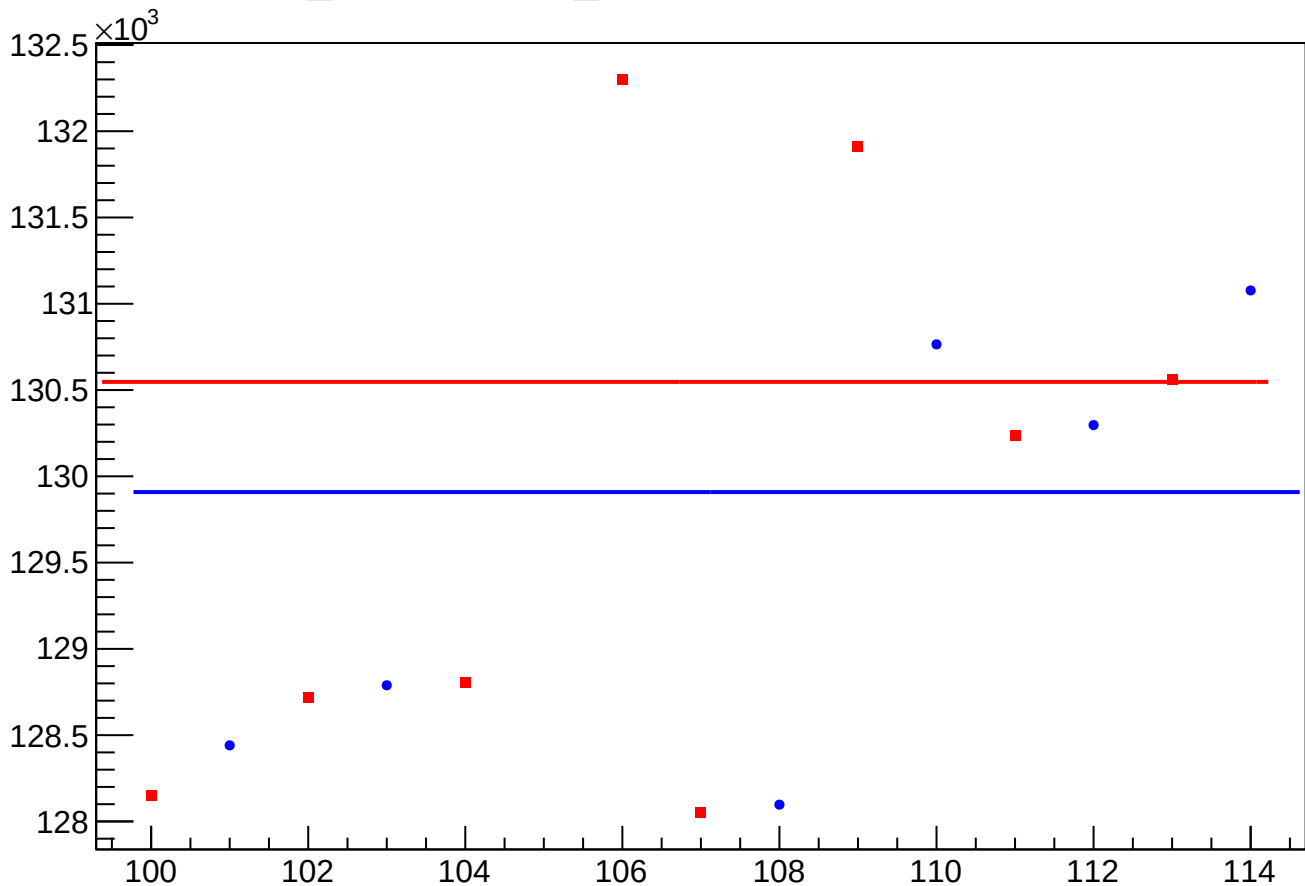
Right: 160.896 $\pm$ 0.053 χ^2 /NDF: 2024065.1/13

In: 171.505 $\pm$ 0.084 χ^2 /NDF:877330.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.896 $\pm$ 0.053 χ^2 /NDF: 2024065.1/13

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 129908.697+/-0.105 χ^2 /NDF: 113358665.4/5

Right: 130283.566+/-0.067 χ^2 /NDF: 327645088.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130547.394+/-0.088 χ^2 /NDF: 192518116.8/7

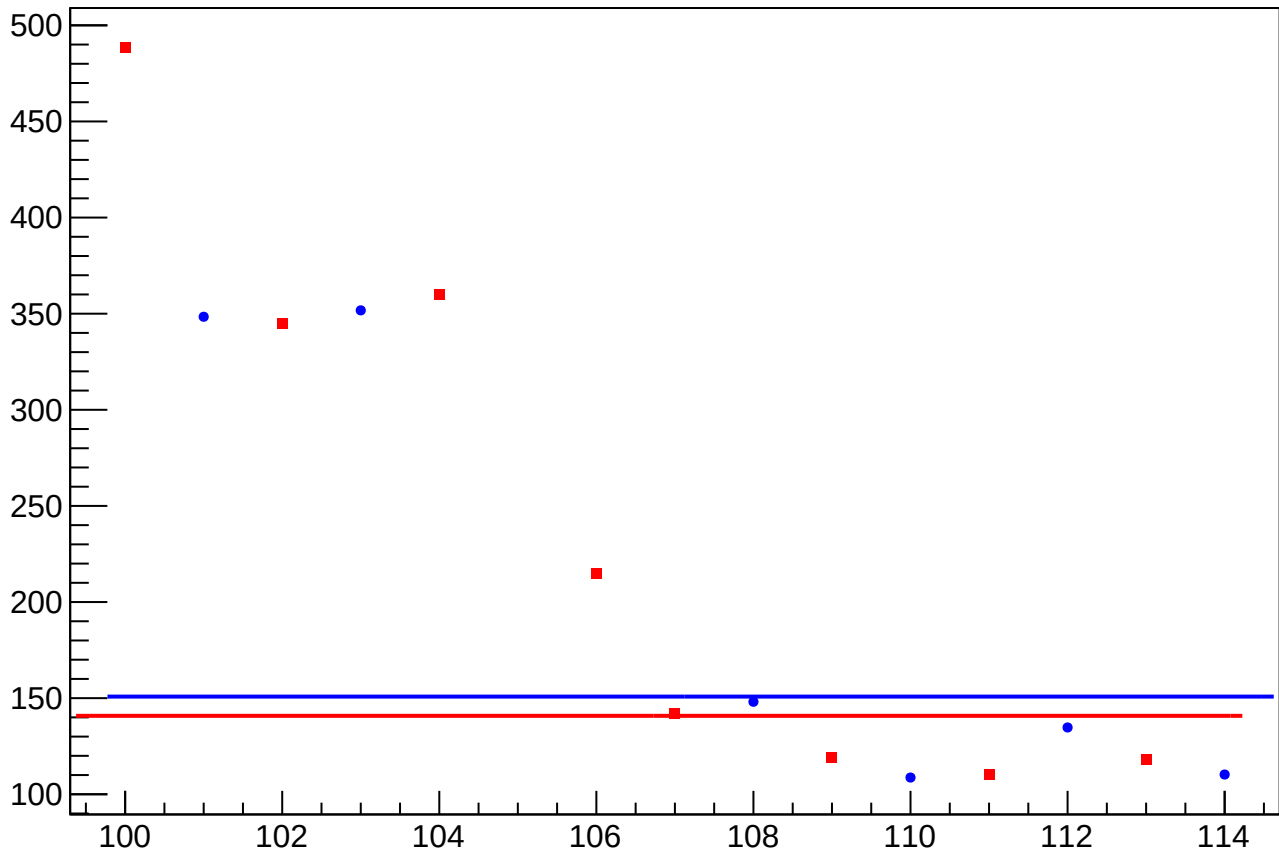
In: 129908.697+/-0.105 χ^2 /NDF: 113358665.4/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130283.566+/-0.067 χ^2 /NDF: 327645088.6/1

yield_bpm0l06WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

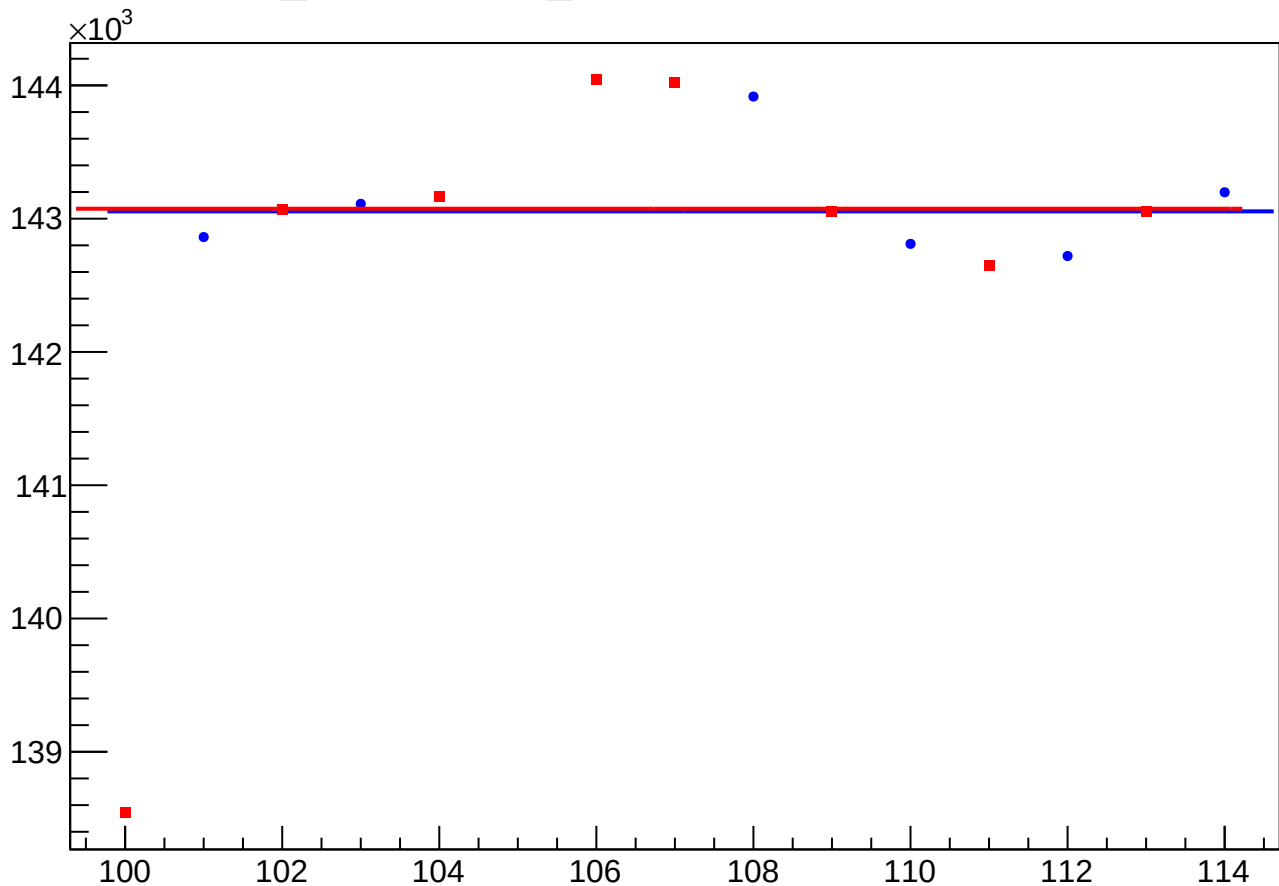
Right: 144.940 $\pm$ 0.048 χ^2 /NDF: 2082167.7/13

In: 150.814 $\pm$ 0.074 χ^2 /NDF:963750.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 144.940 $\pm$ 0.048 χ^2 /NDF: 2082167.7/13

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143066.759+/-0.072 χ^2 /NDF: 39993168.5/13

In: 143054.828+/-0.114 χ^2 /NDF:15231044.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 143066.759+/-0.072 χ^2 /NDF: 39993168.5/13

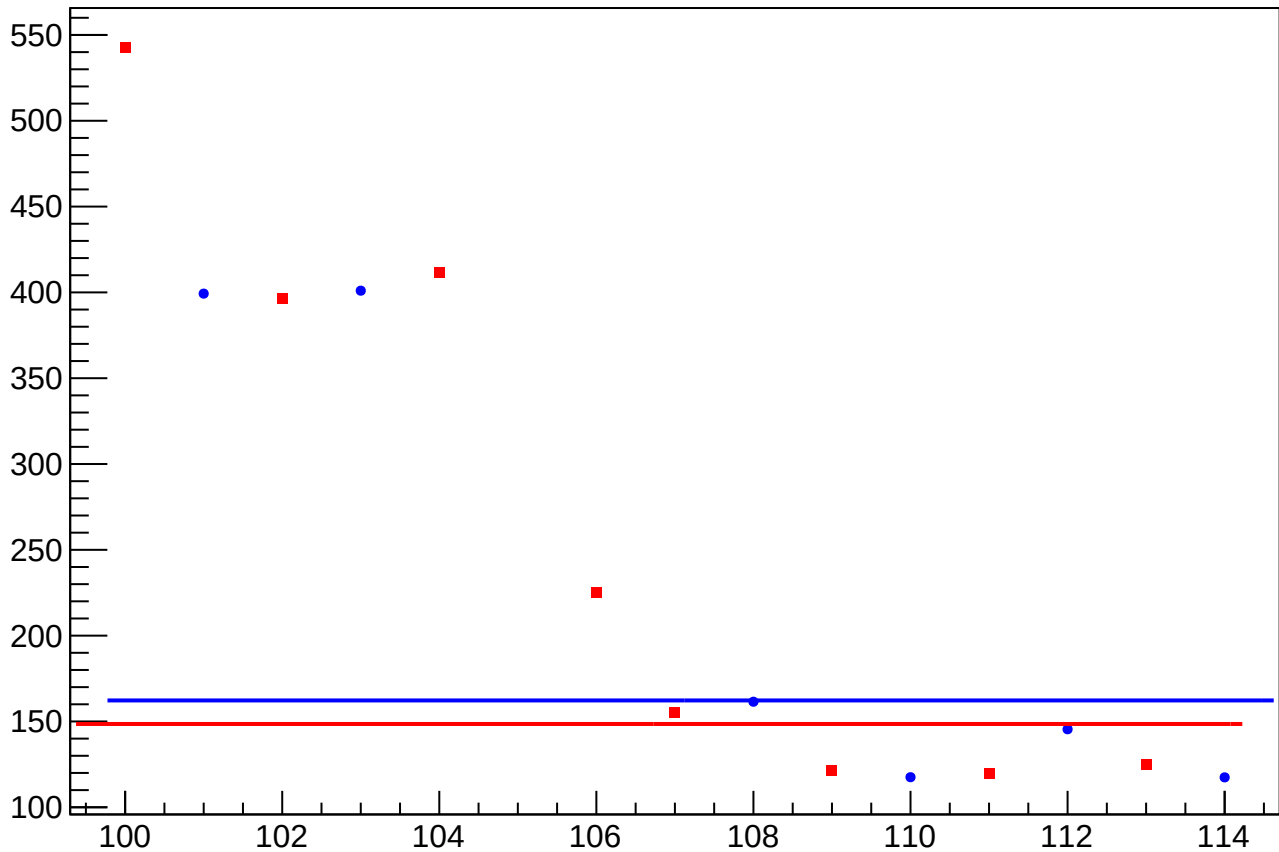
Right In: 143054.828+/-0.114 χ^2 /NDF: 15231044.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143074.825+/-0.093 χ^2 /NDF: 24743644.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 162.245+/-0.080 χ^2/NDF : 1037688.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.528+/-0.066 χ^2/NDF : 1202959.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

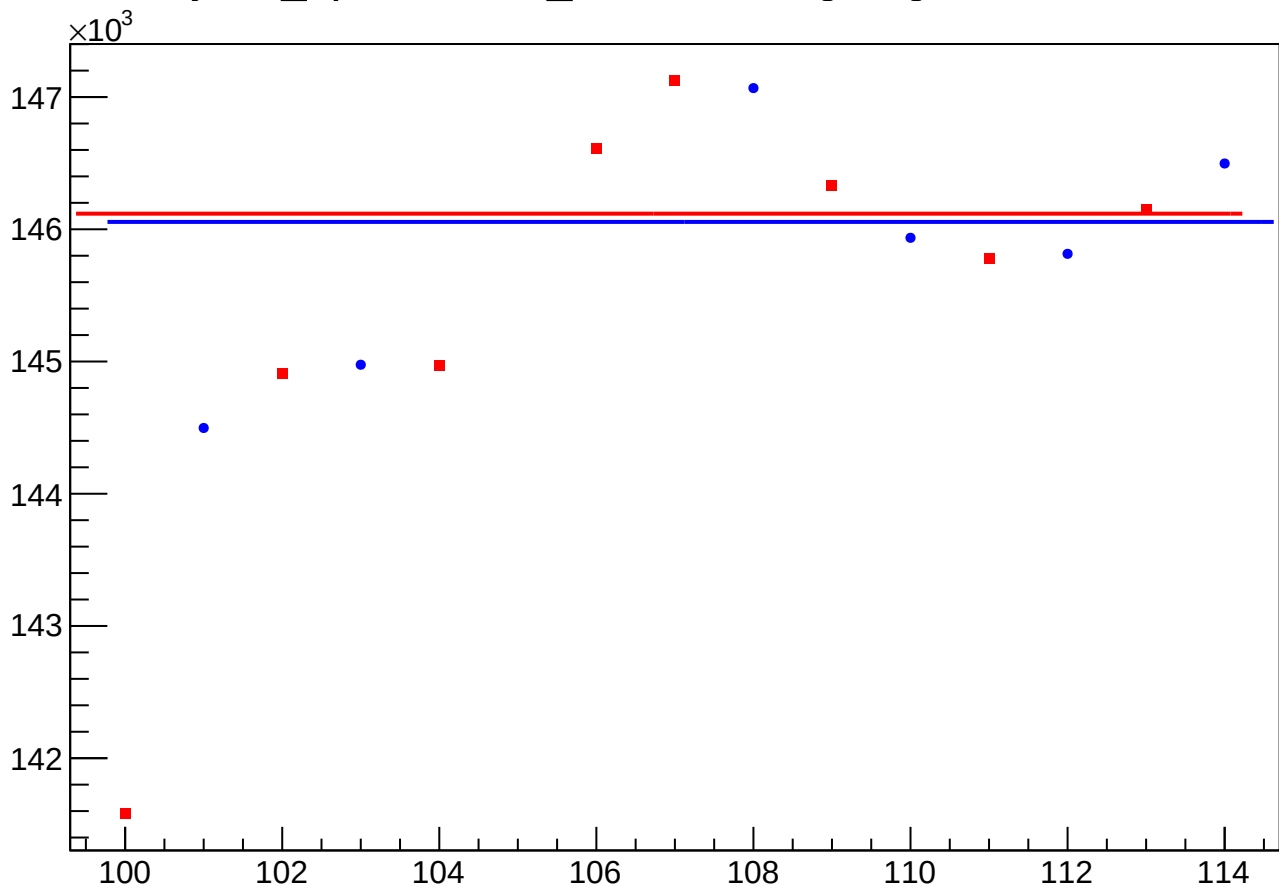
Right: 154.061+/-0.051 χ^2/NDF : 2258038.7/13

In: 162.245+/-0.080 χ^2/NDF : 1037688.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.061+/-0.051 χ^2/NDF : 2258038.7/13

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 146093.159+/-0.074 χ^2 /NDF: 63992439.2/13

In: 146055.794+/-0.117 χ^2 /NDF: 32688047.9/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146093.159+/-0.074 χ^2 /NDF: 63992439.2/13

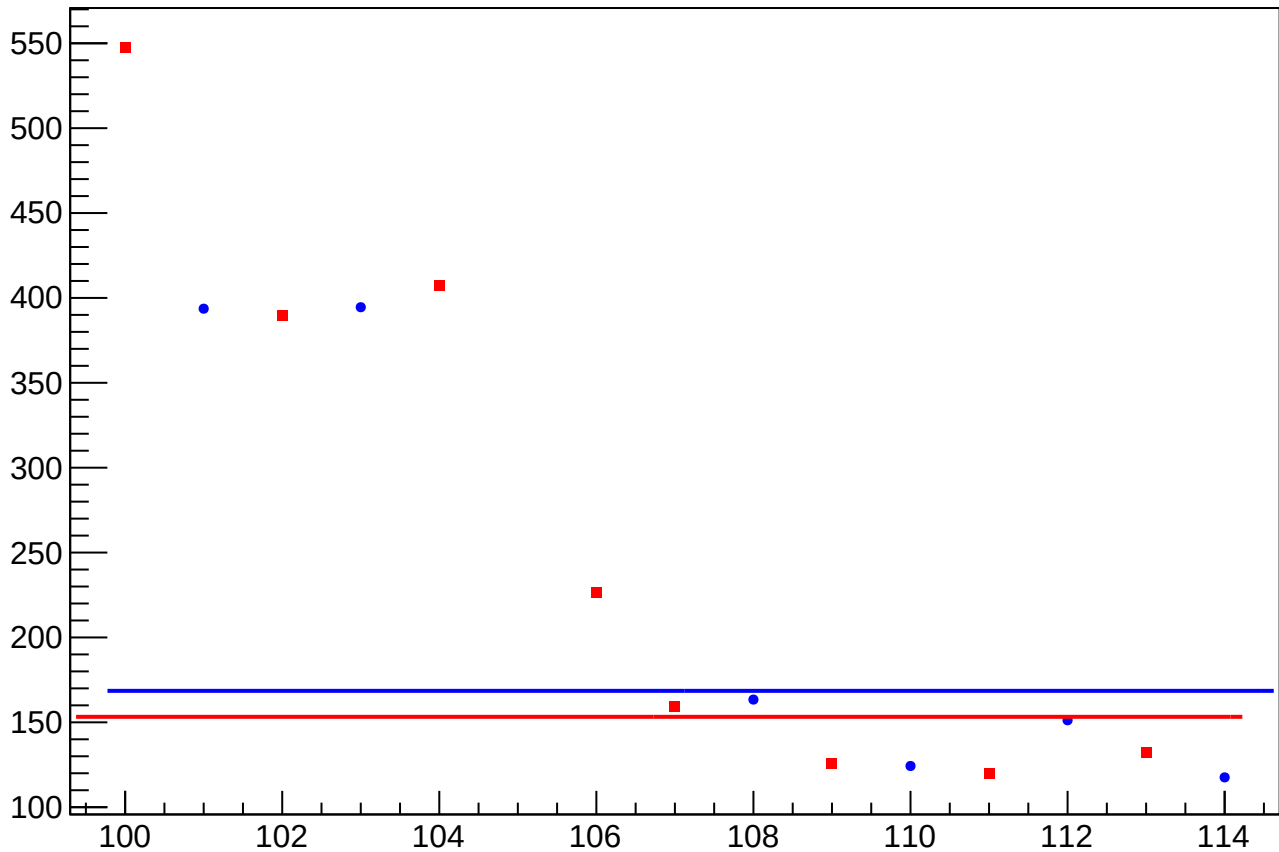
Right In: 146055.794+/-0.117 χ^2 /NDF: 32688047.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146118.163+/-0.096 χ^2 /NDF: 31134565.4/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

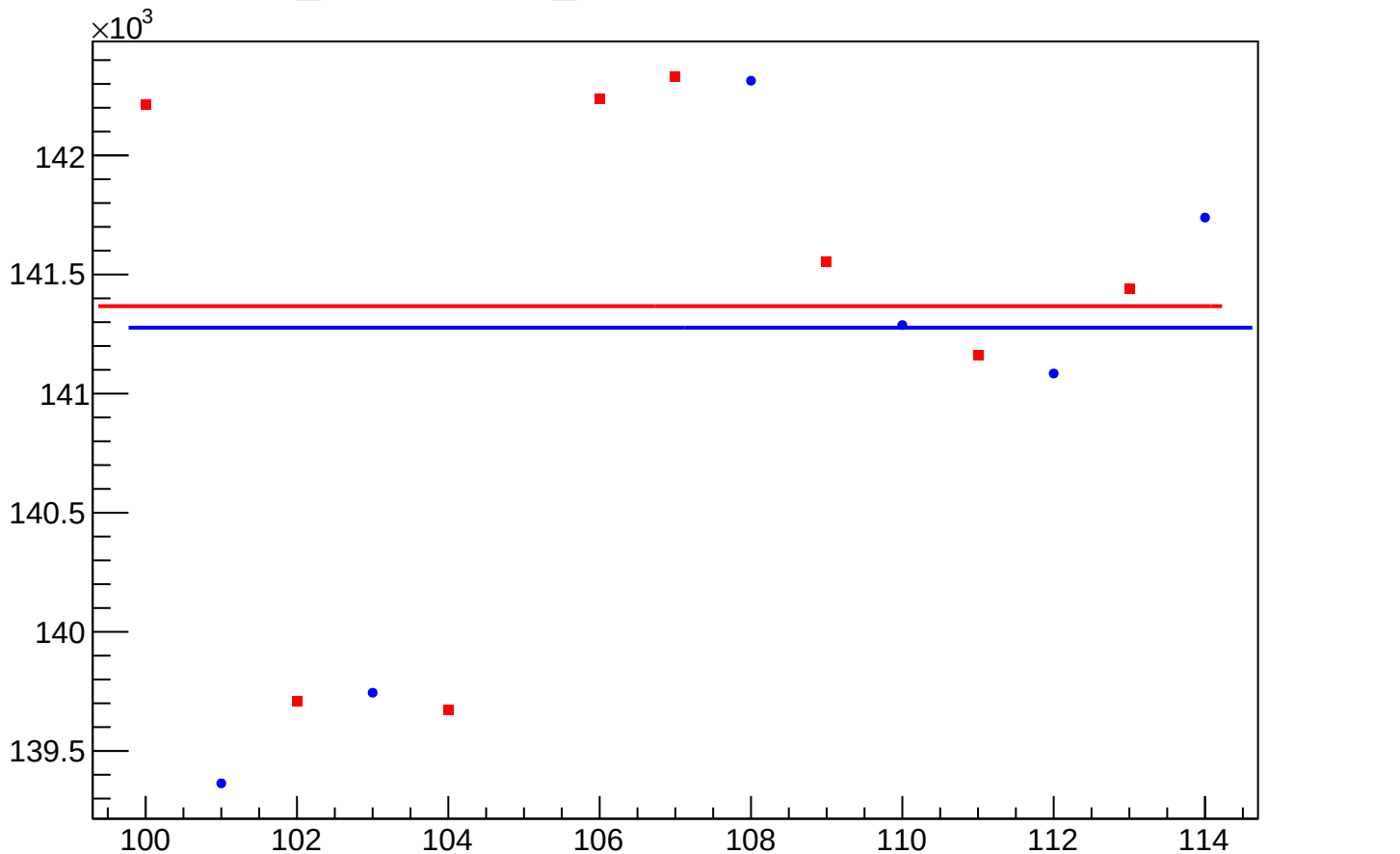
Right: 159.380 $\pm$ 0.052 χ^2 /NDF: 2142298.3/13

In: 168.545 $\pm$ 0.083 χ^2 /NDF: 969185.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.380 $\pm$ 0.052 χ^2 /NDF: 2142298.3/13

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 141329.765+/-0.076 χ^2 /NDF: 75876653.1/13

In: 141276.857+/-0.118 χ^2 /NDF: 41515504.8/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141329.765+/-0.076 χ^2 /NDF: 75876653.1/13

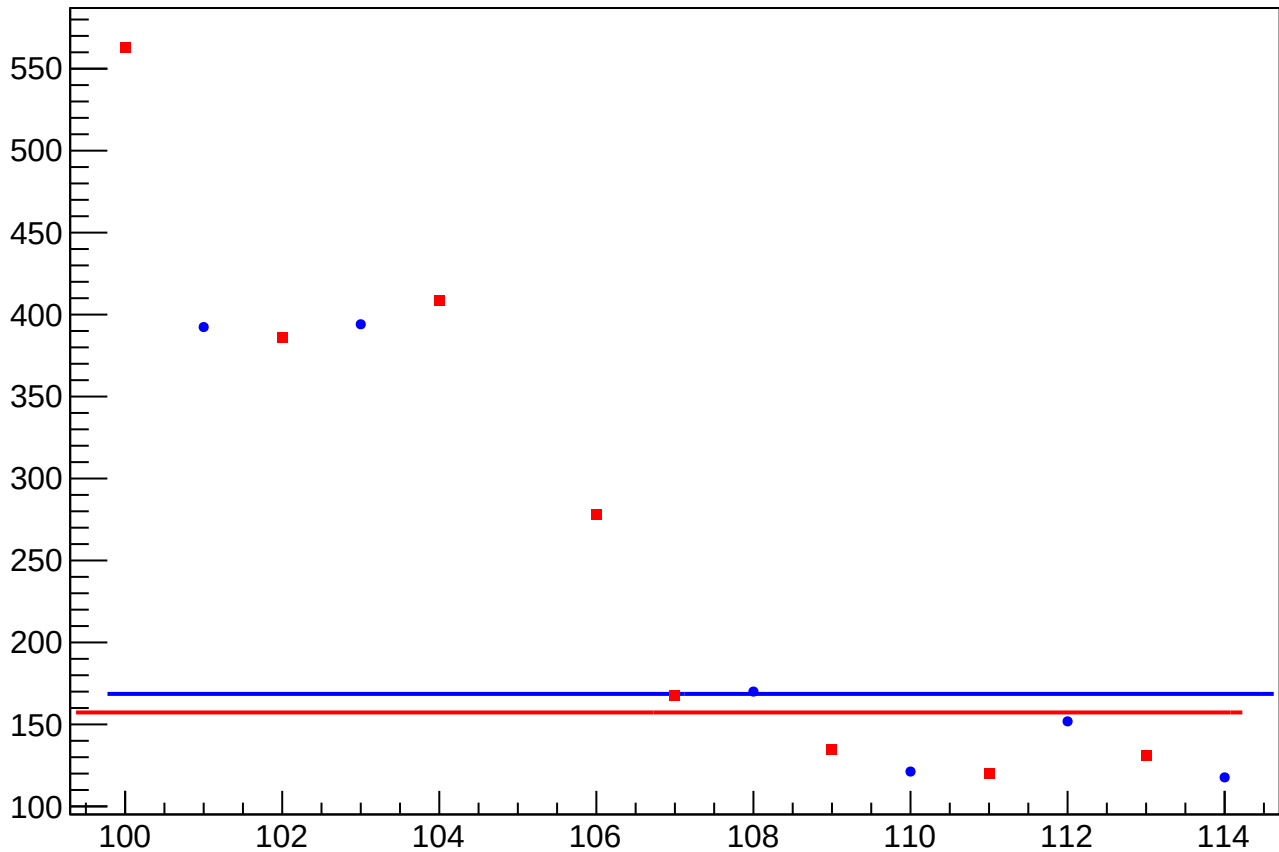
Right In: 141276.857+/-0.118 χ^2 /NDF: 41515504.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 141367.141+/-0.099 χ^2 /NDF: 34015234.9/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

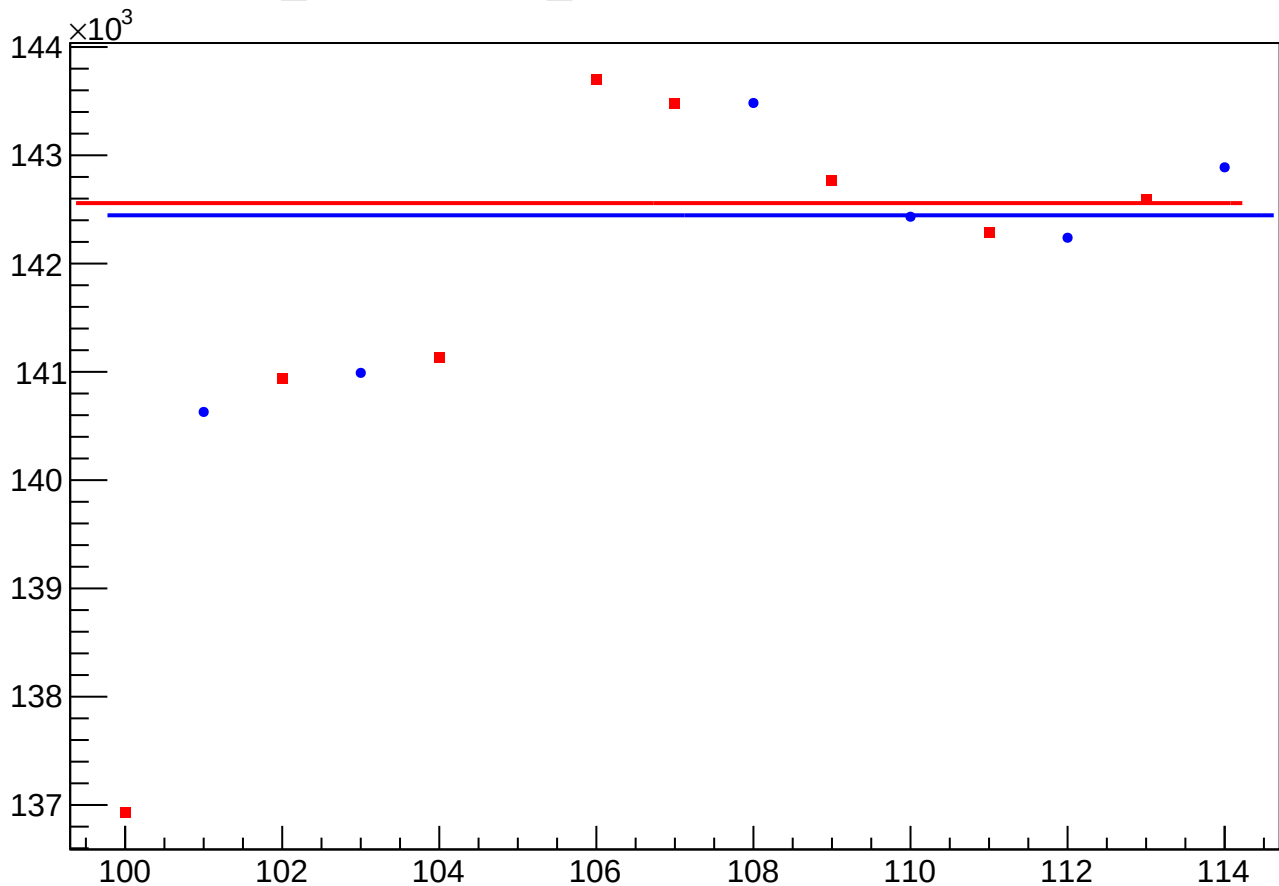
Right: 161.982 $\pm$ 0.053 χ^2 /NDF: 2170552.9/13

In: 168.613 $\pm$ 0.083 χ^2 /NDF: 980570.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.982 $\pm$ 0.053 χ^2 /NDF: 2170552.9/13

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 142512.817+/-0.075 χ^2 /NDF: 82969597.7/13

In: 142445.803+/-0.118 χ^2 /NDF: 39221521.8/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142512.817+/-0.075 χ^2 /NDF: 82969597.7/13

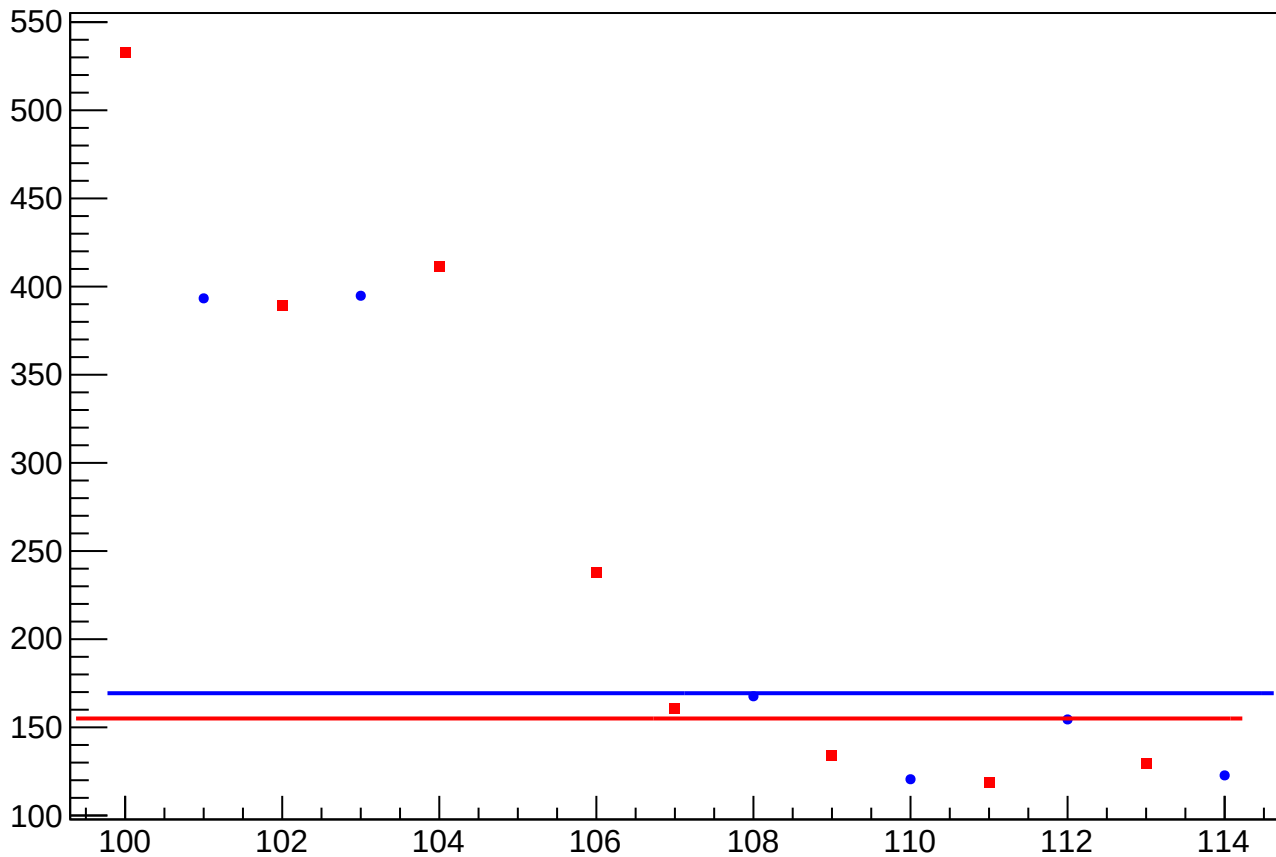
Right In: 142445.803+/-0.118 χ^2 /NDF: 39221521.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142558.469+/-0.097 χ^2 /NDF: 43204406.9/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 169.357 $\pm$ 0.083 χ^2 /NDF: 974866.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.021 $\pm$ 0.069 χ^2 /NDF: 1147572.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

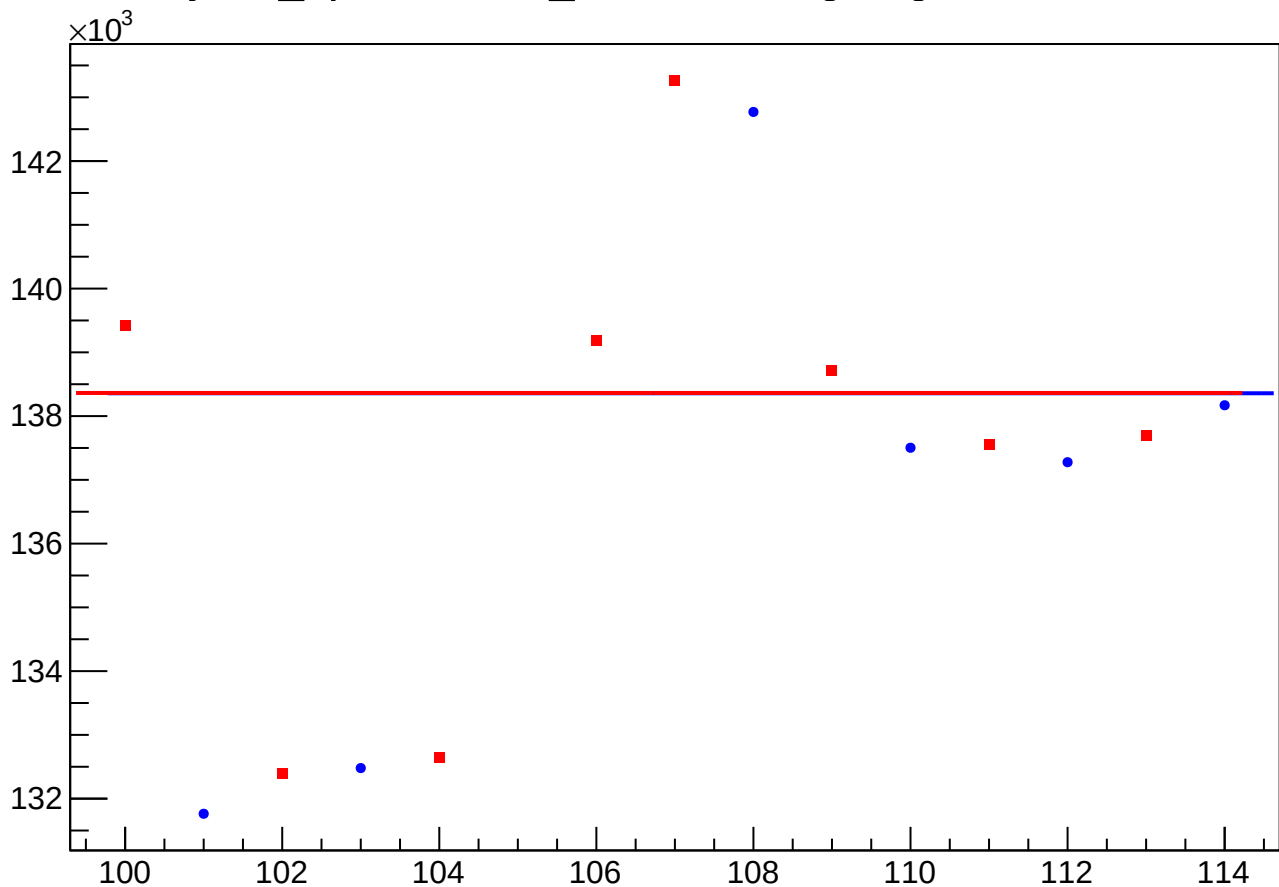
Right: 160.830 $\pm$ 0.053 χ^2 /NDF: 2140042.8/13

In: 169.357 $\pm$ 0.083 χ^2 /NDF:974866.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

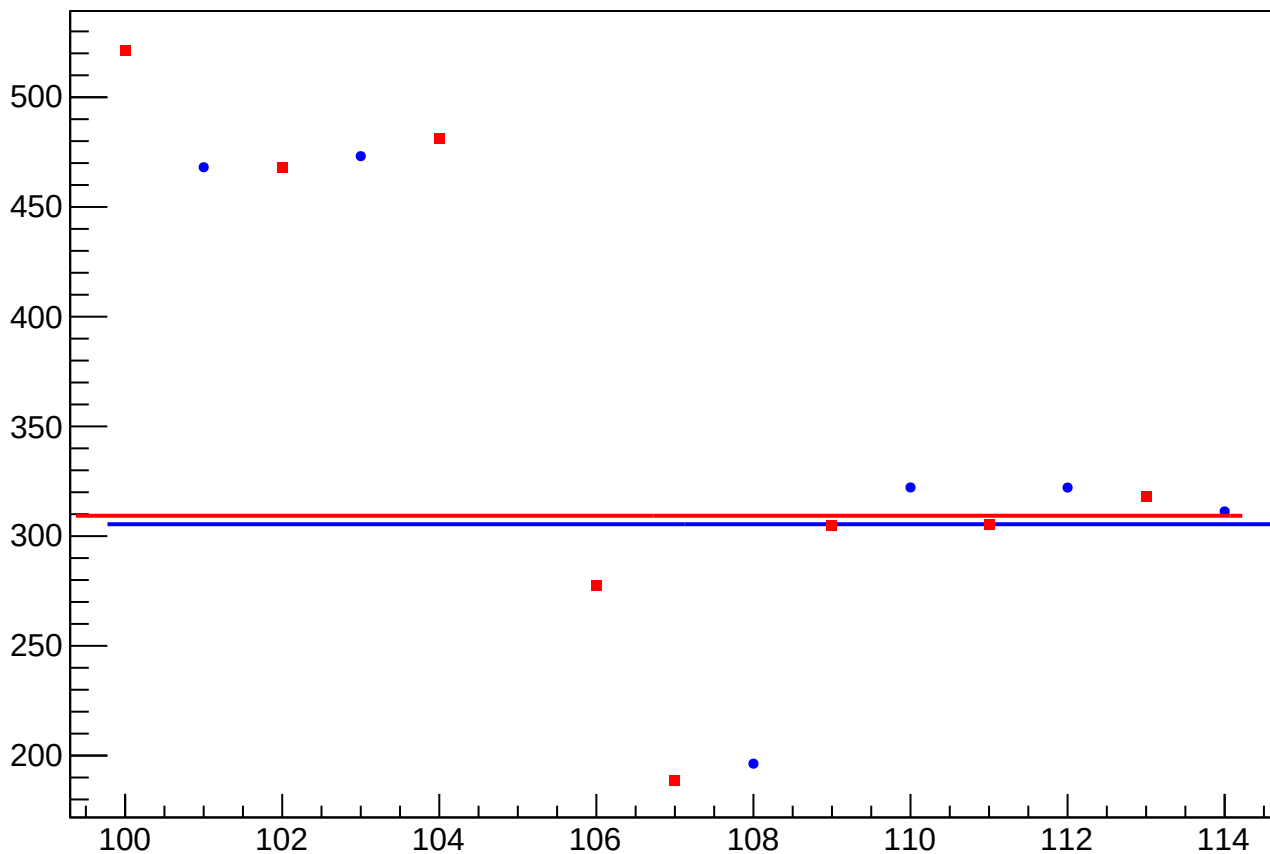
All: 160.830 $\pm$ 0.053 χ^2 /NDF: 2140042.8/13

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 138358.083 $\pm$ 0.201 χ^2 /NDF: 423154623.3/5
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 138360.669 $\pm$ 0.135 χ^2 /NDF: 761780845.9/1
 In: 138358.083 $\pm$ 0.201 χ^2 /NDF: 423154623.3/5
 Right Out: 138362.791 $\pm$ 0.182 χ^2 /NDF: 338625920.9/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 138360.669 $\pm$ 0.135 χ^2 /NDF: 761780845.9/1

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 305.422+/-0.142 χ^2/NDF : 549421.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.289+/-0.129 χ^2/NDF : 495065.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

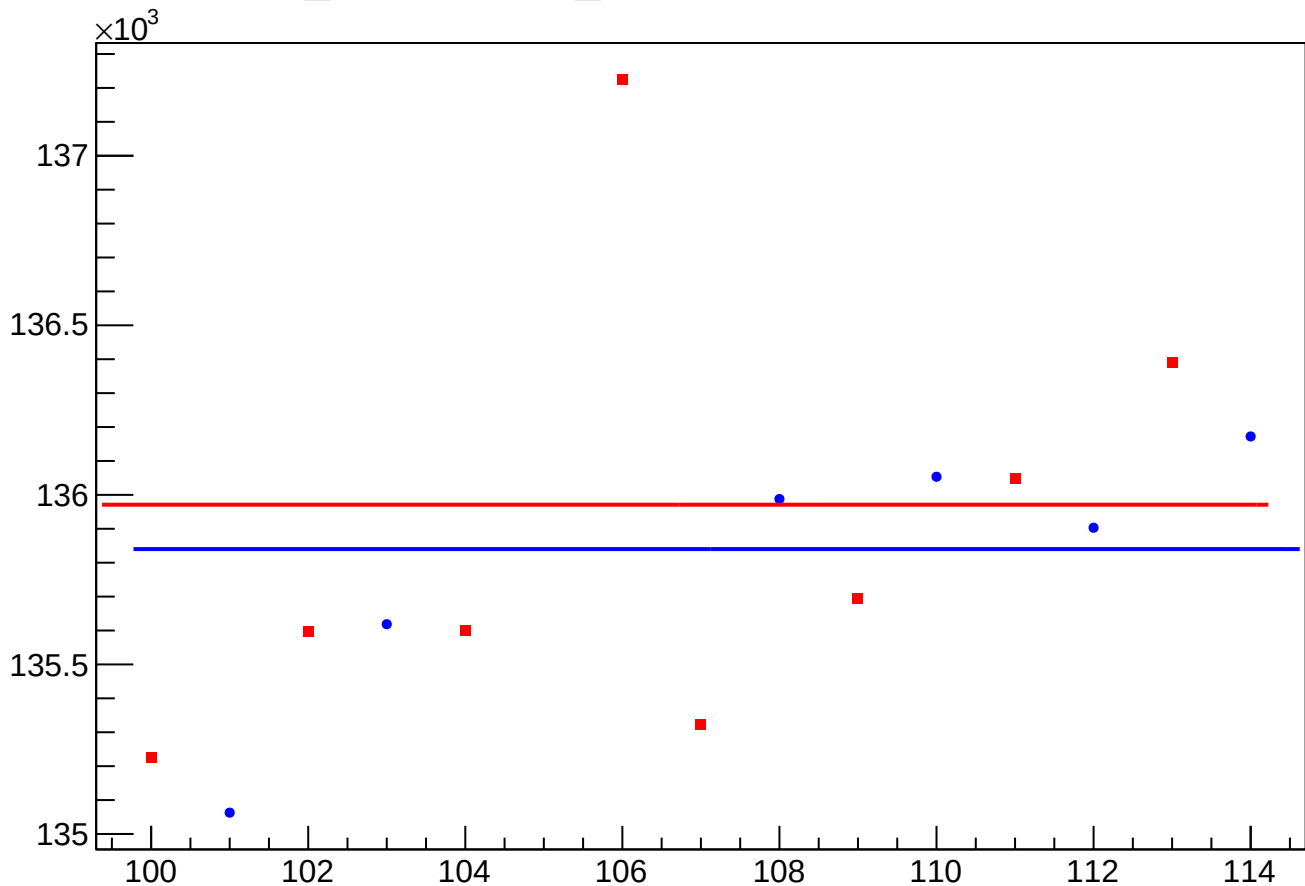
Right: 307.546+/-0.095 χ^2/NDF : 1044894.5/13

In: 305.422+/-0.142 χ^2/NDF : 549421.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

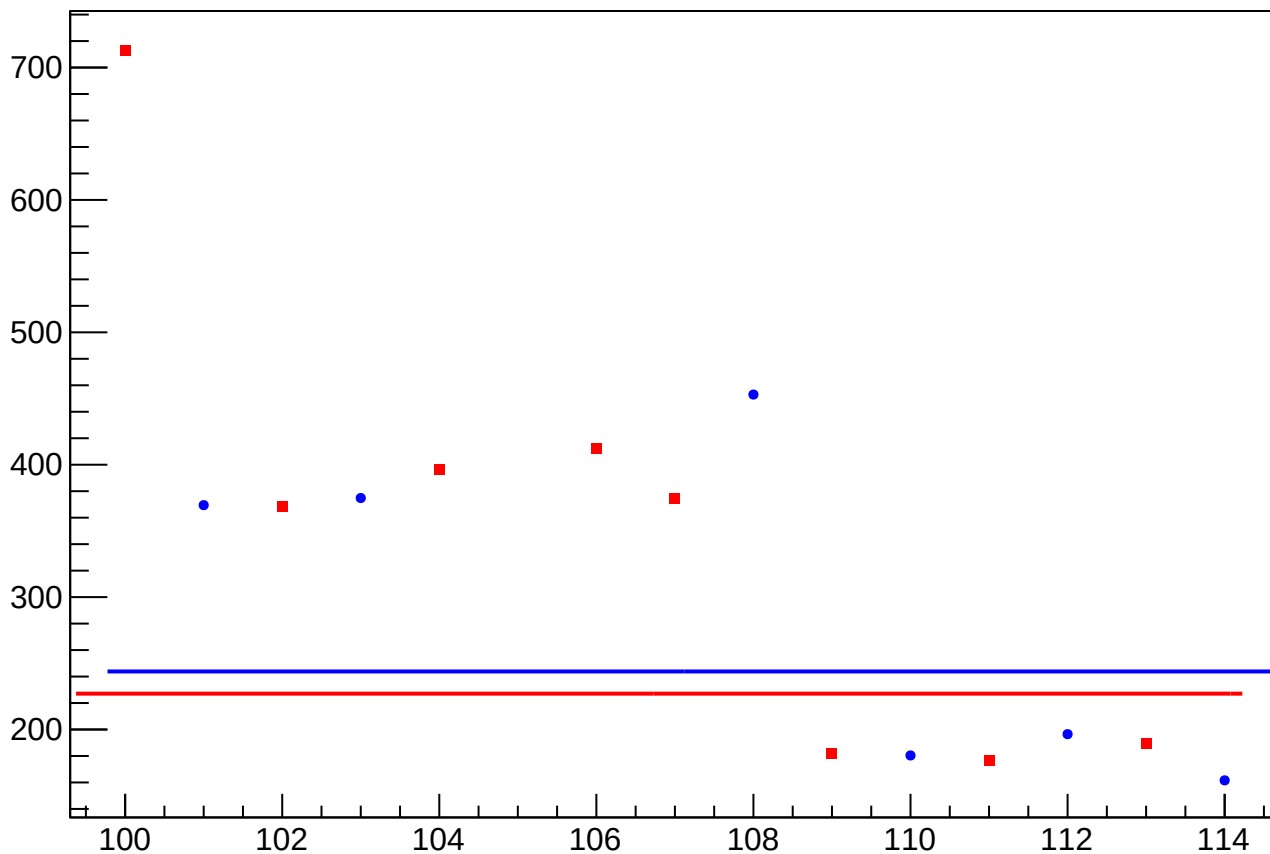
All: 307.546+/-0.095 χ^2/NDF : 1044894.5/13

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135840.113 $\pm$ 0.164 χ^2 /NDF: 4149471.9/5
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135916.338 $\pm$ 0.106 χ^2 /NDF: 12306845.4/13
 Right Out: 135971.030 $\pm$ 0.139 χ^2 /NDF: 7784999.5/7
 In: 135840.113 $\pm$ 0.164 χ^2 /NDF: 4149471.9/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 135916.338 $\pm$ 0.106 χ^2 /NDF: 12306845.4/13

yield_bpm0r05WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

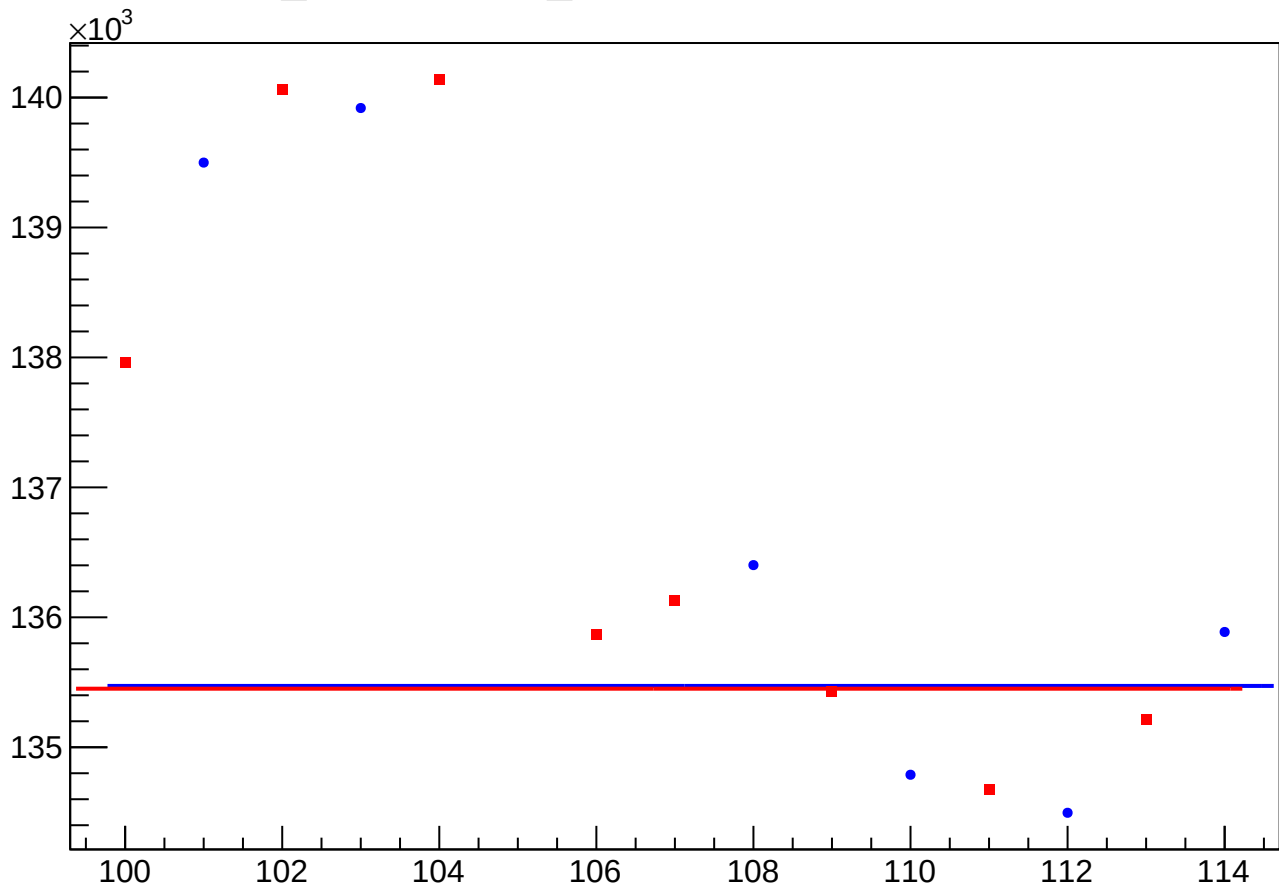
Right: 234.084+/-0.075 χ^2/NDF : 1458599.0/13

In: 243.843+/-0.116 χ^2/NDF : 660780.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.084+/-0.075 χ^2/NDF : 1458599.0/13

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135471.999+/-0.090 χ^2 /NDF: 239282403.2/5

Right: 135459.595+/-0.058 χ^2 /NDF: 446440924.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135450.679+/-0.076 χ^2 /NDF: 207125586.4/7

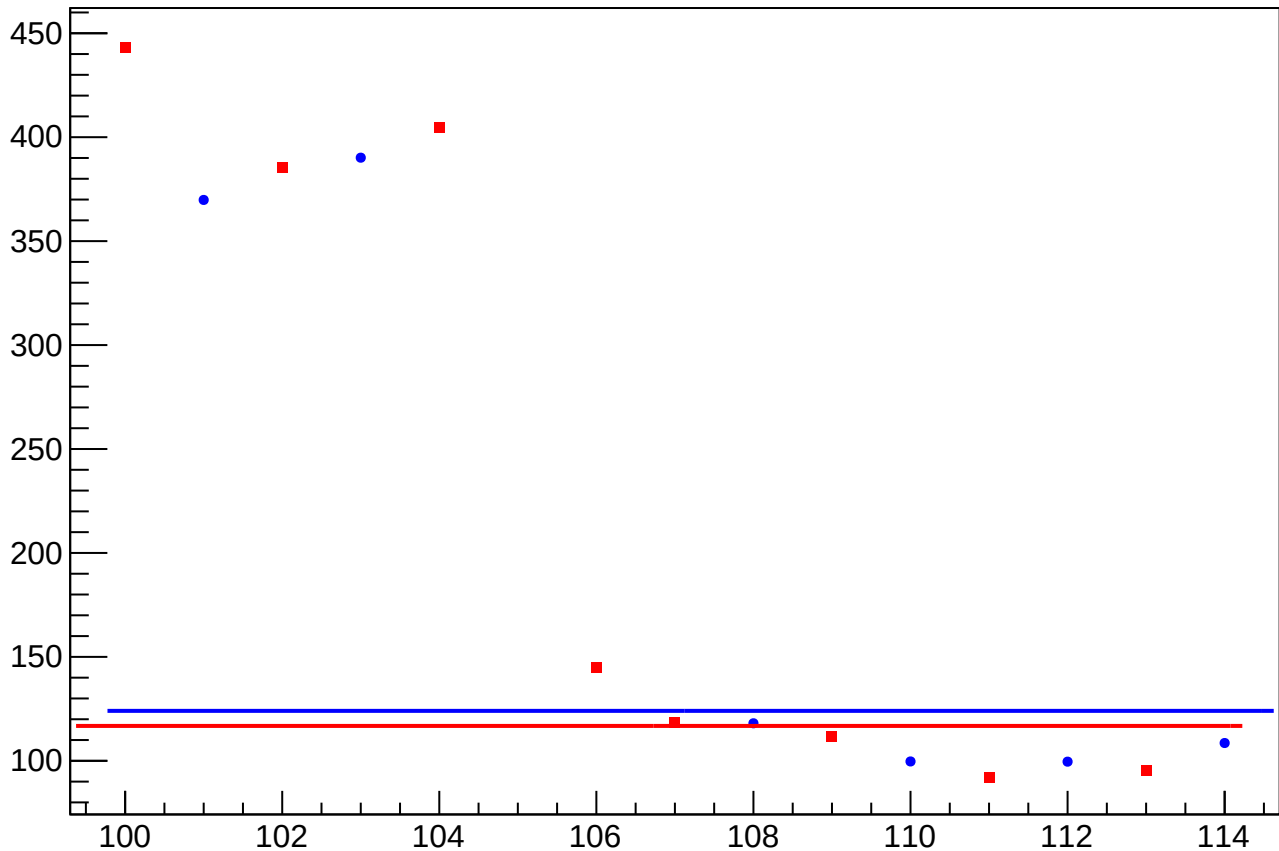
In: 135471.999+/-0.090 χ^2 /NDF: 239282403.2/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135459.595+/-0.058 χ^2 /NDF: 446440924.7/1

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 124.032+/-0.063 χ^2/NDF : 1240503.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.787+/-0.054 χ^2/NDF : 1356532.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

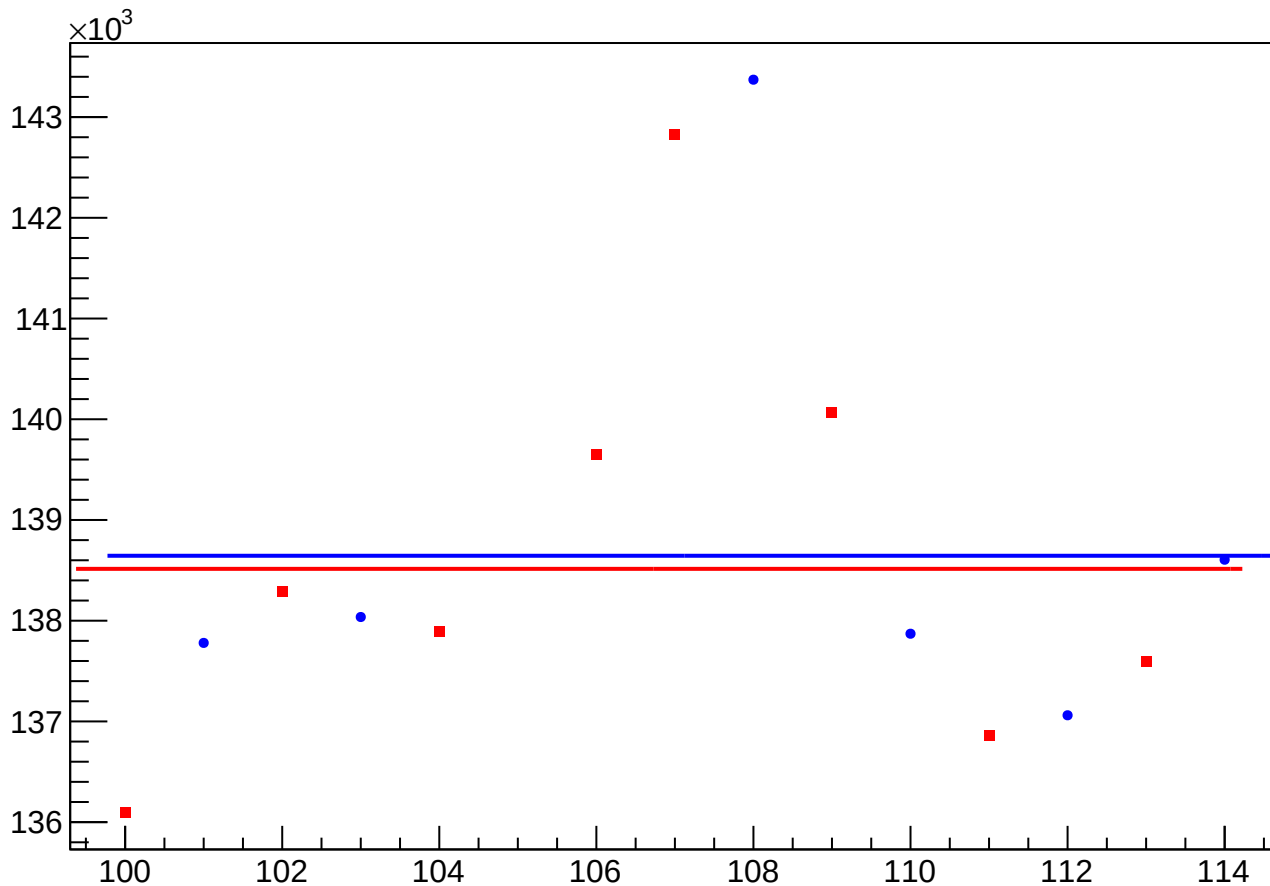
Right: 119.817+/-0.041 χ^2/NDF : 2604641.6/13

In: 124.032+/-0.063 χ^2/NDF : 1240503.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

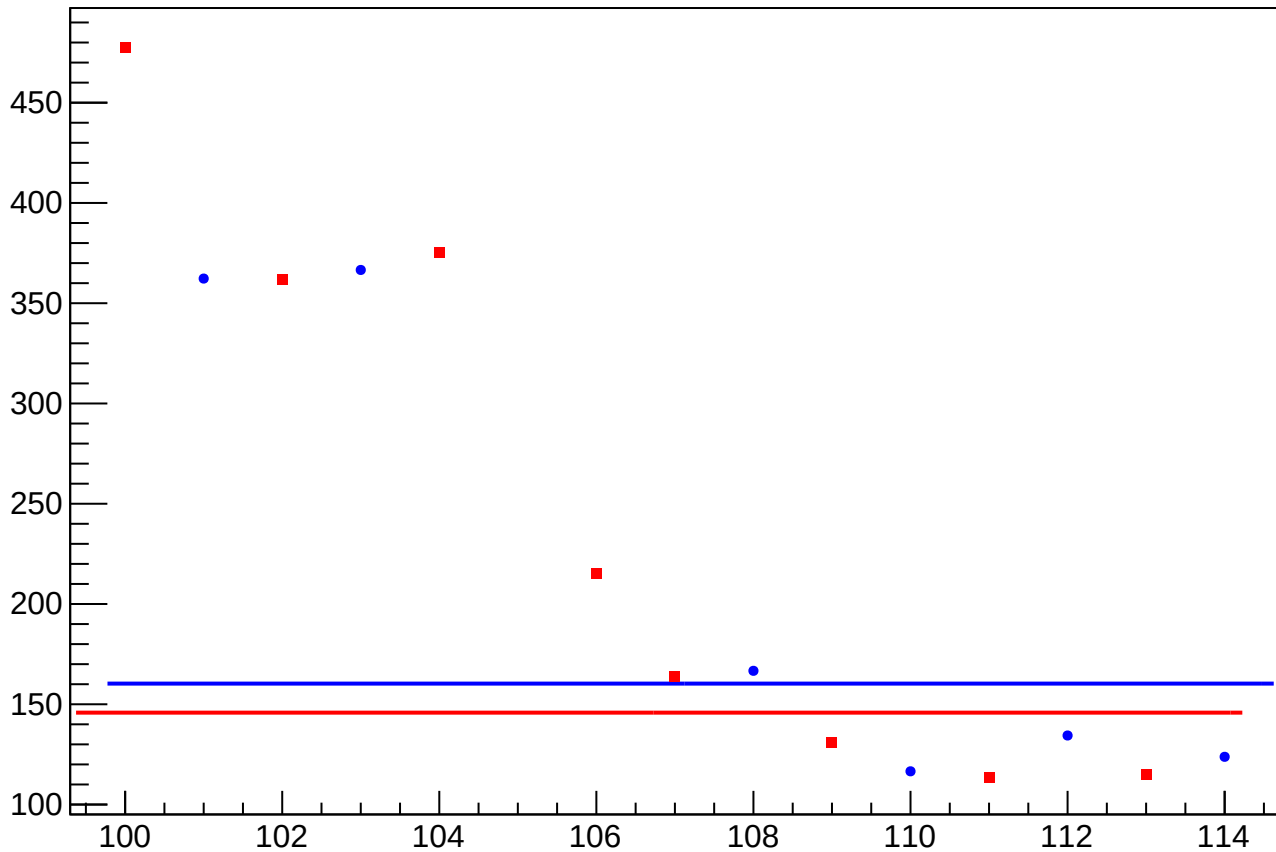
All: 119.817+/-0.041 χ^2/NDF : 2604641.6/13

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 138644.748 $\pm$ 0.111 χ^2 /NDF: 391989580.0/5
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 138567.558 $\pm$ 0.071 χ^2 /NDF: 756009591.4/1
 In: 138644.748 $\pm$ 0.111 χ^2 /NDF: 391989580.0/5
 Right Out: 138514.766 $\pm$ 0.092 χ^2 /NDF: 363210329.5/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 138567.558 $\pm$ 0.071 χ^2 /NDF: 756009591

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 160.306+/-0.079 χ^2/NDF : 941708.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.824+/-0.065 χ^2/NDF : 1119275.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

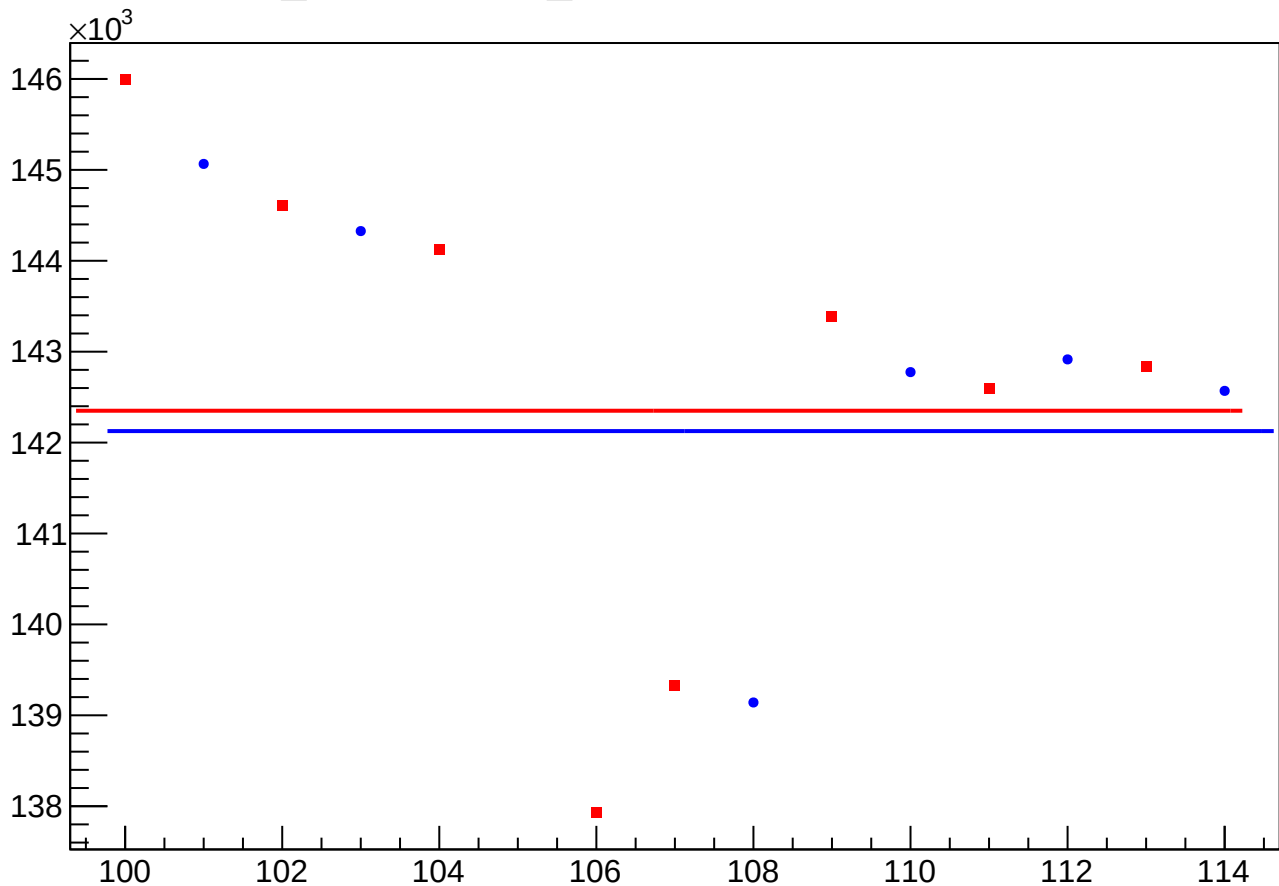
Right: 151.706+/-0.050 χ^2/NDF : 2081083.7/13

In: 160.306+/-0.079 χ^2/NDF : 941708.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.706+/-0.050 χ^2/NDF : 2081083.7/13

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142126.533+/-0.119 χ^2 /NDF: 245854971.8/5

Right: 142260.633+/-0.075 χ^2 /NDF: 557475348.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

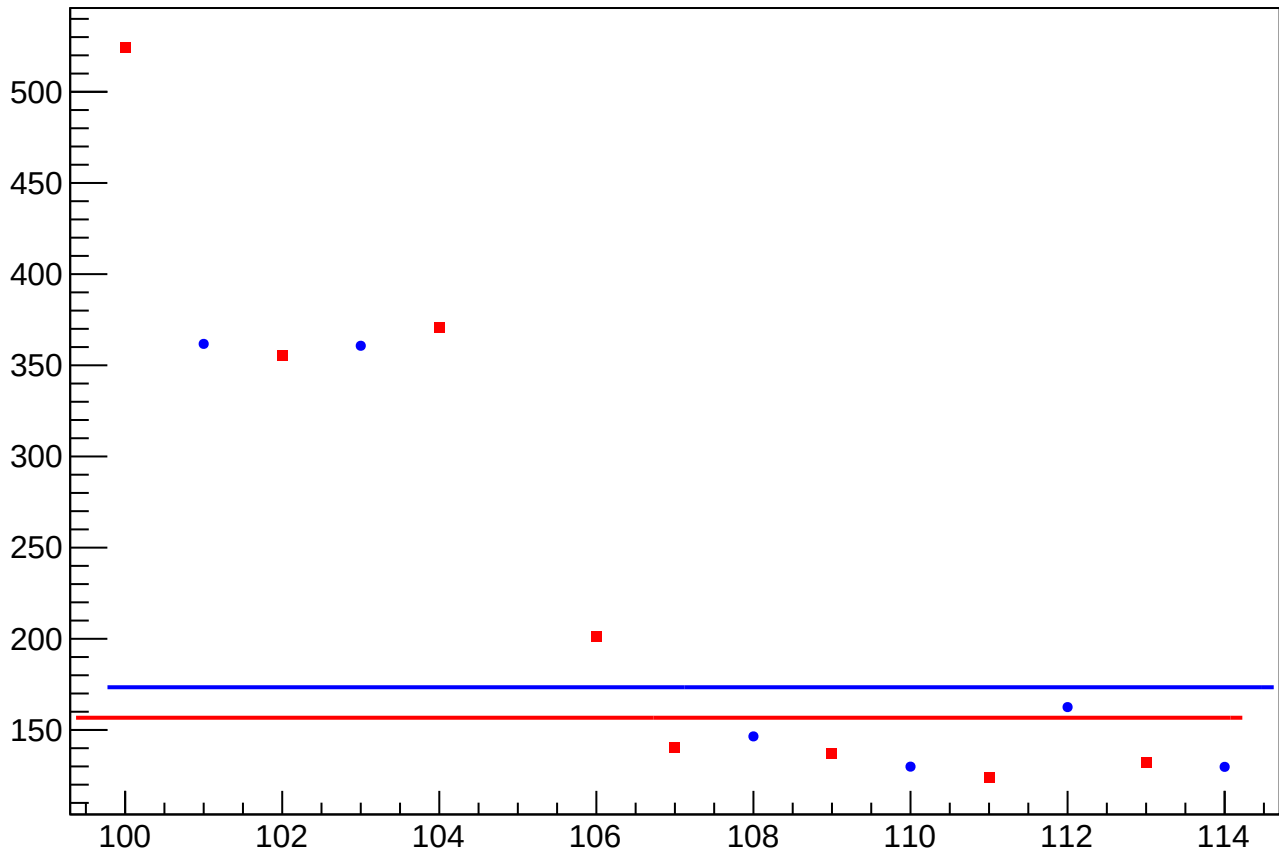
Right Out: 142350.446+/-0.098 χ^2 /NDF: 309505782.3/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142260.633+/-0.075 χ^2 /NDF: 557475348.1/1

yield_bpm0i05WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

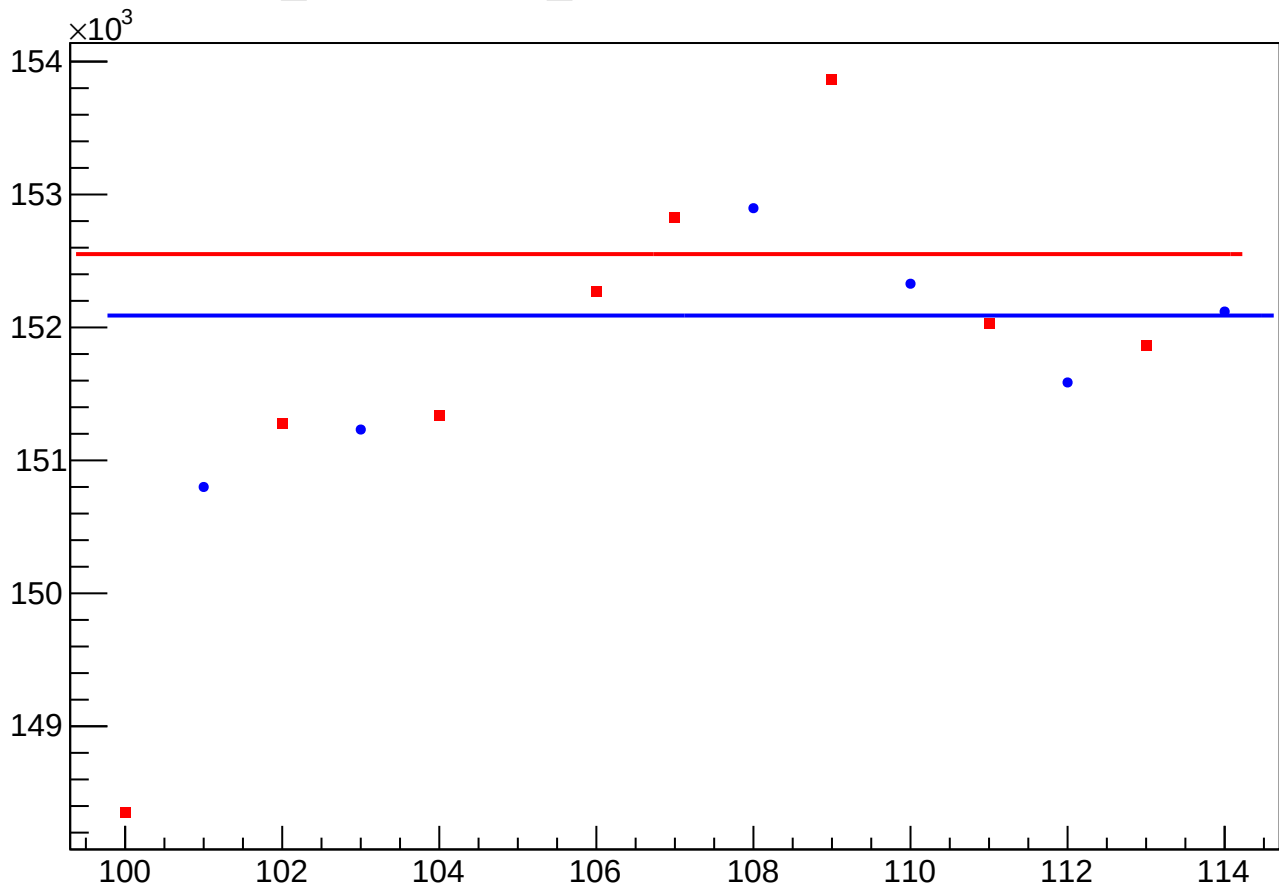
Right: 163.415+/-0.053 χ^2/NDF : 1795549.8/13

In: 173.427+/-0.084 χ^2/NDF : 811702.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.415+/-0.053 χ^2/NDF : 1795549.8/13

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152369.117+/-0.082 χ^2 /NDF: 107551216.1/1

In: 152089.601+/-0.131 χ^2 /NDF: 23865877.6/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152369.117+/-0.082 χ^2 /NDF: 107551216.1/1

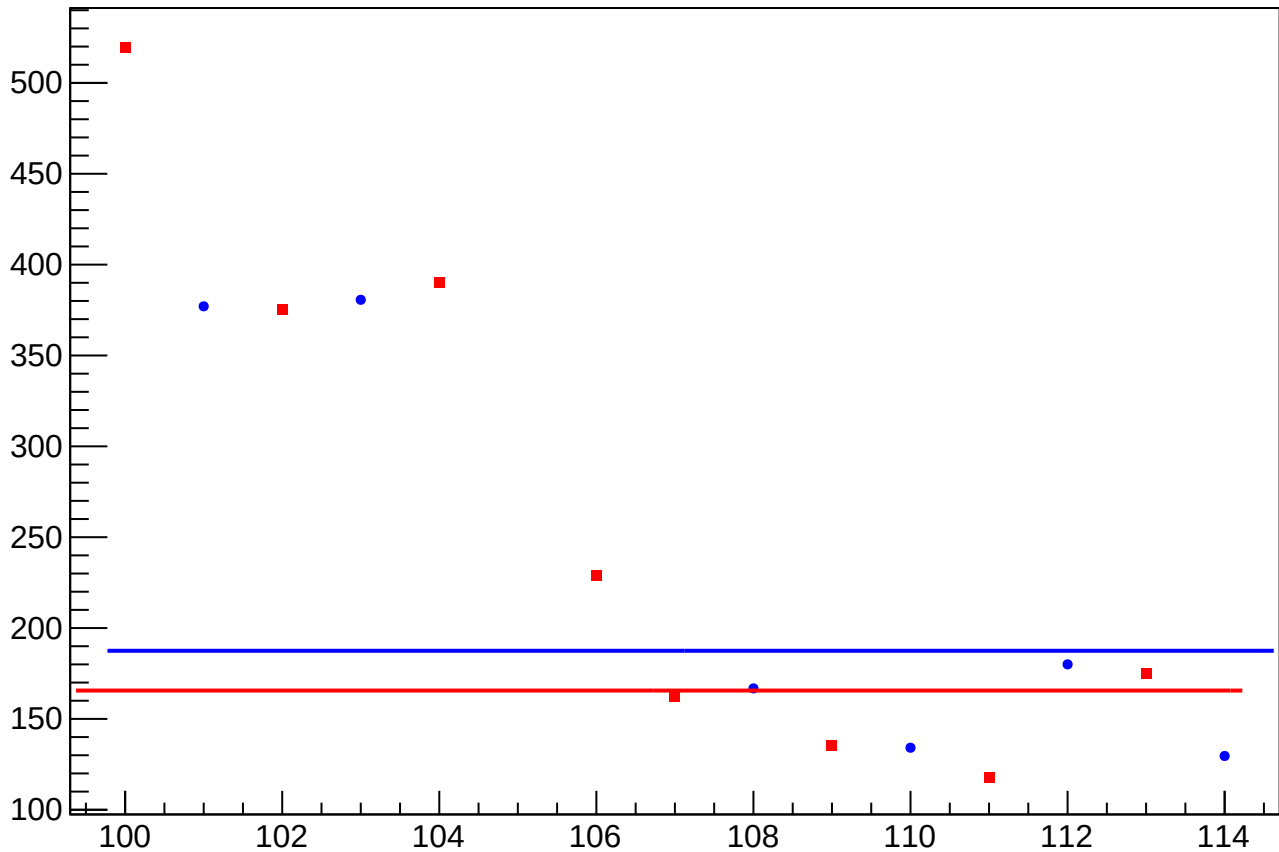
Right In: 152089.601+/-0.131 χ^2 /NDF: 23865877.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152551.732+/-0.106 χ^2 /NDF: 76119658.0/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

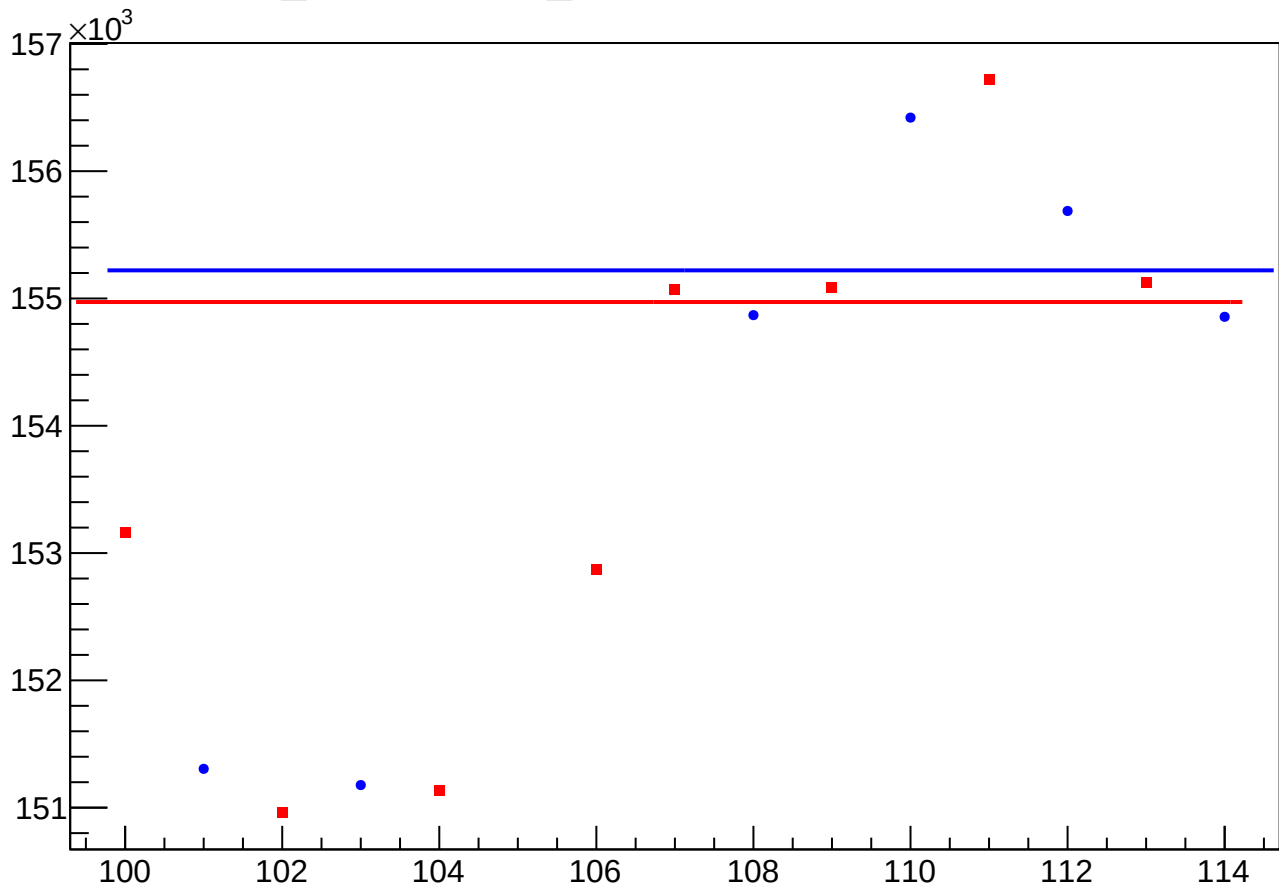
Right: 174.255+/-0.058 χ^2/NDF : 1873432.1/13

In: 187.496+/-0.092 χ^2/NDF : 798229.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

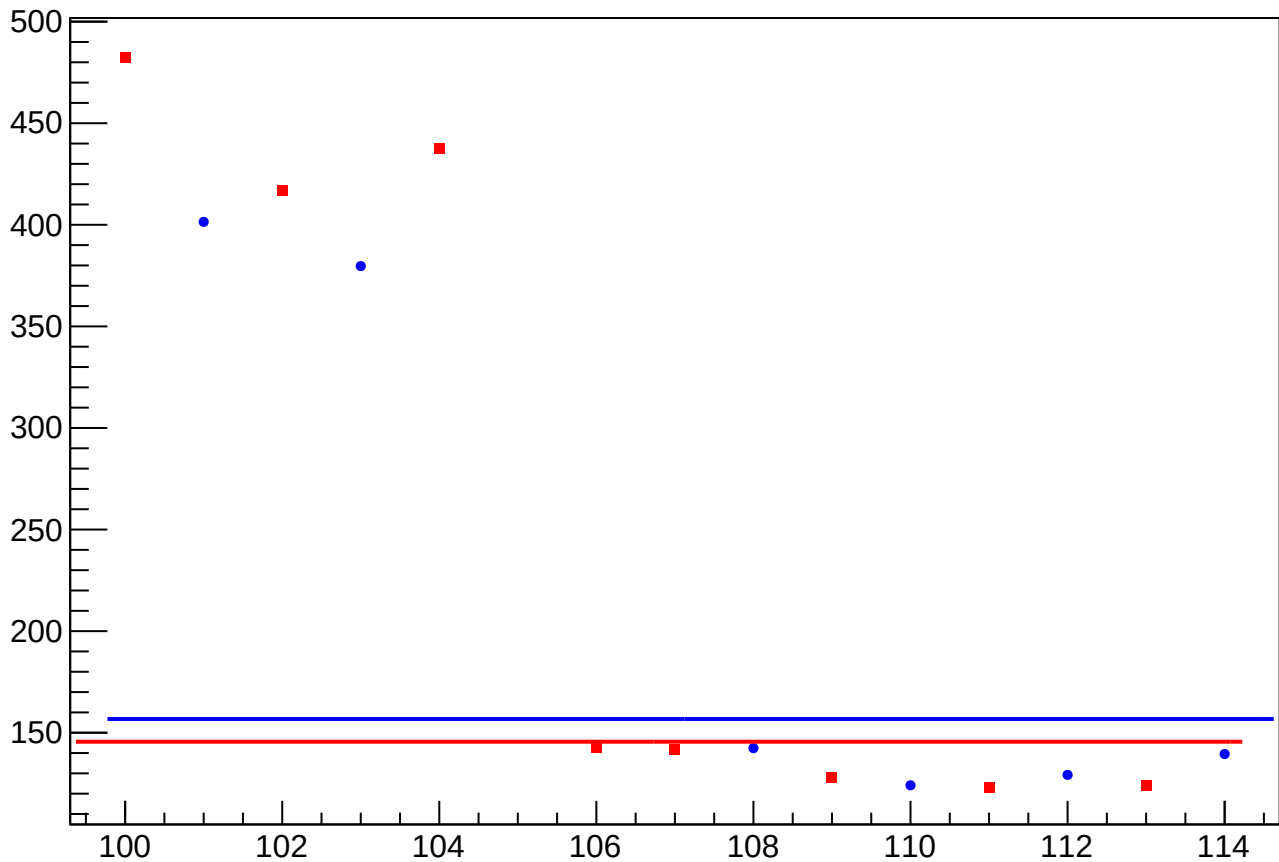
All: 174.255+/-0.058 χ^2/NDF : 1873432.1/13

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 155220.868 $\pm$ 0.110 χ^2 /NDF: 169410742.7/5
 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
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 155072.236 $\pm$ 0.070 χ^2 /NDF: 430767325.7/10

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 156.774+/-0.078 χ^2/NDF : 978899.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.574+/-0.064 χ^2/NDF : 1156403.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

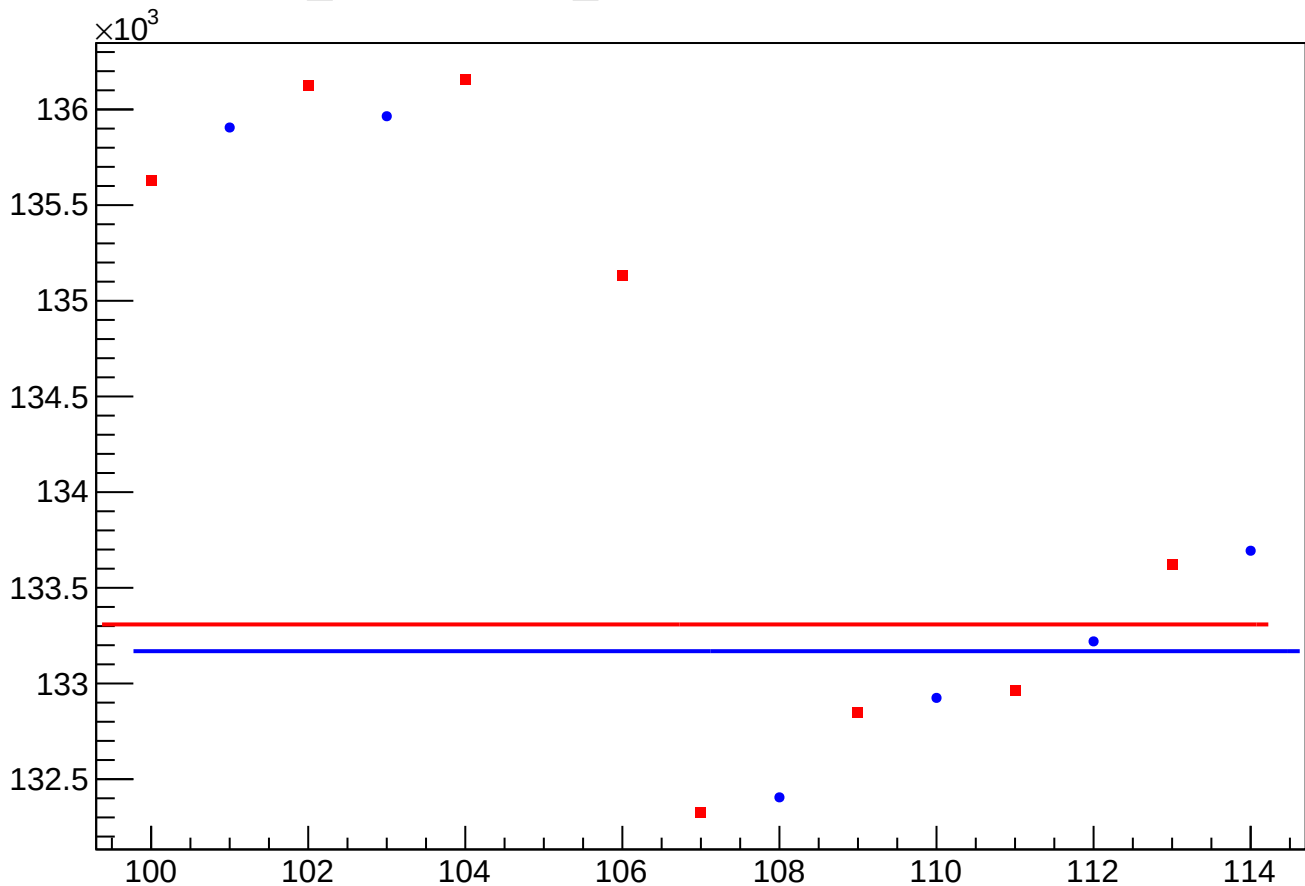
Right: 150.080+/-0.049 χ^2/NDF : 2147718.8/13

In: 156.774+/-0.078 χ^2/NDF : 978899.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

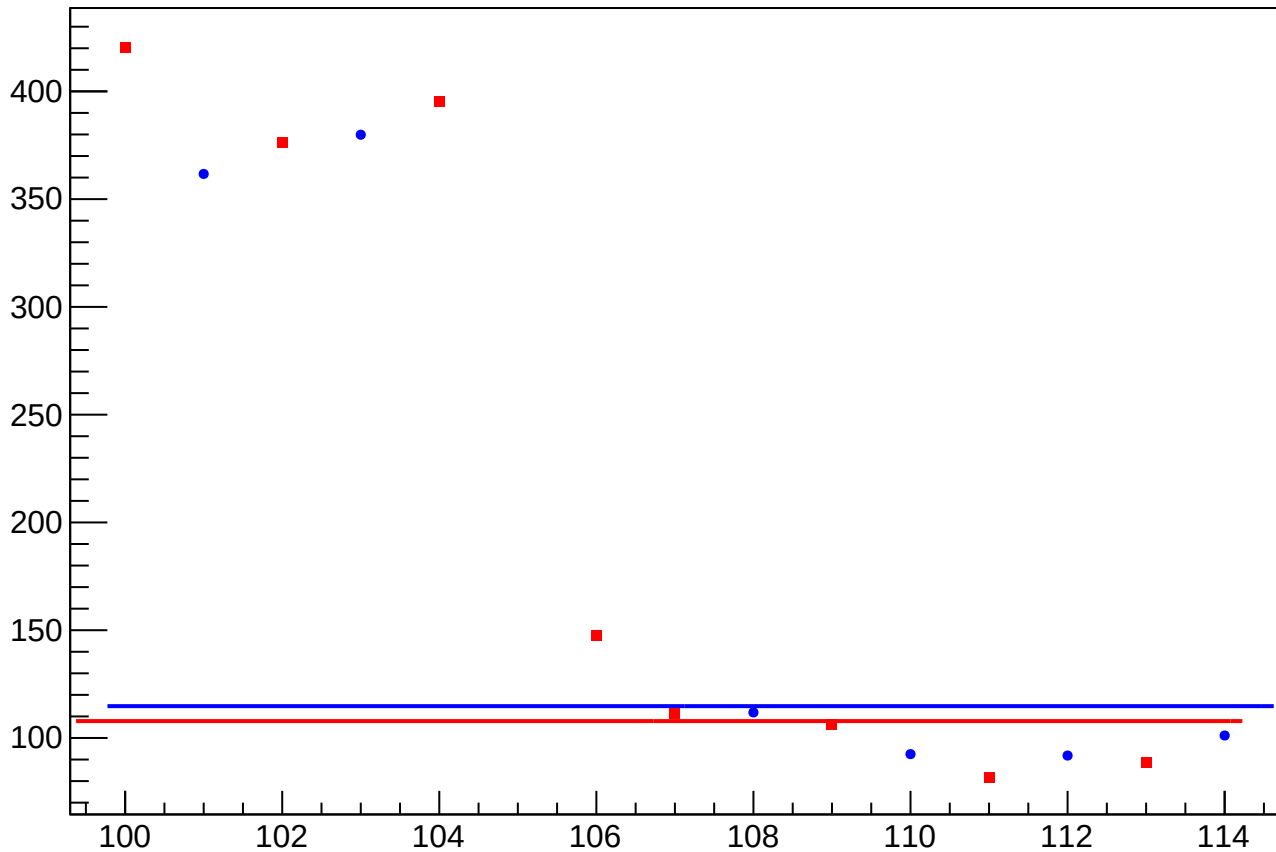
All: 150.080+/-0.049 χ^2/NDF : 2147718.8/13

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 133168.871 $\pm$ 0.083 χ^2 /NDF: 93883117.9/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 133308.605 $\pm$ 0.070 χ^2 /NDF: 143667845.1/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 133250.598 $\pm$ 0.054 χ^2 /NDF: 239196907.1/1
 In: 133168.871 $\pm$ 0.083 χ^2 /NDF: 93883117.9/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 133250.598 $\pm$ 0.054 χ^2 /NDF: 239196907.1/1

yield_bpm1i04WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

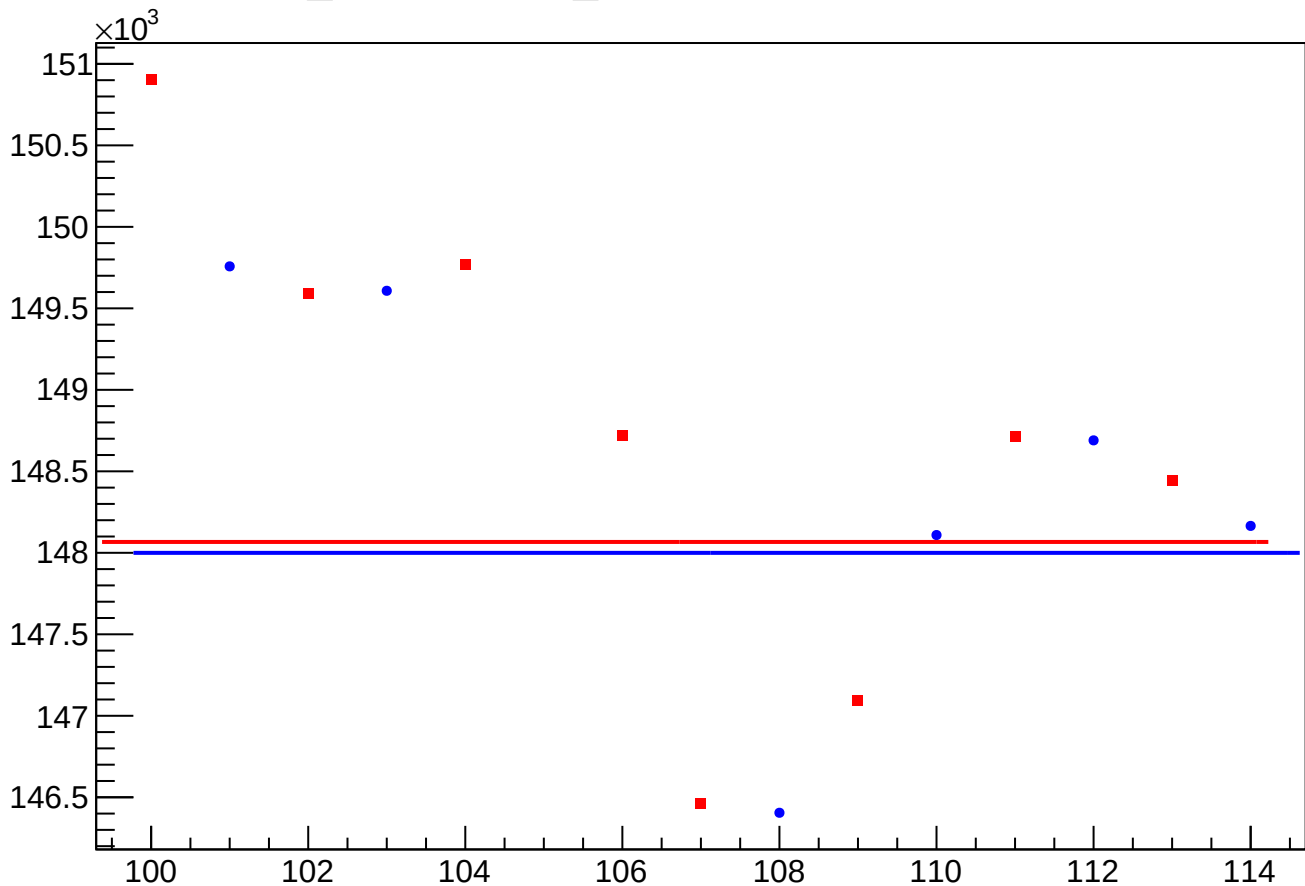
Right: 110.718+/-0.038 χ^2/NDF : 2760351.8/13

In: 114.773+/-0.059 χ^2/NDF : 1300269.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

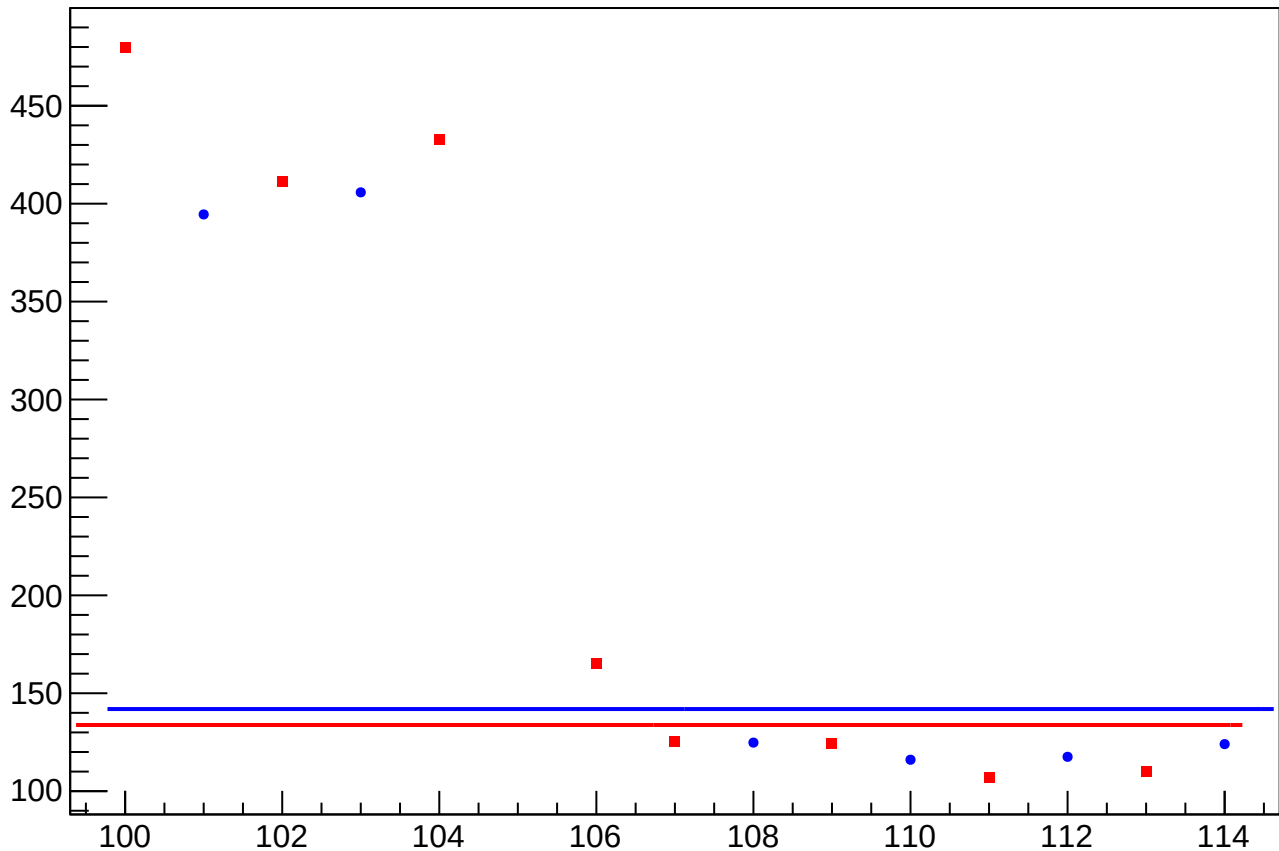
All: 110.718+/-0.038 χ^2/NDF : 2760351.8/13

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147999.732 $\pm$ 0.101 χ^2 /NDF: 100650728.4/5
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 148039.011 $\pm$ 0.065 χ^2 /NDF: 216045895.1/1
 Right Out: 148066.682 $\pm$ 0.085 χ^2 /NDF: 115136344.3/7
 In: 147999.732 $\pm$ 0.101 χ^2 /NDF: 100650728.4/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 148039.011 $\pm$ 0.065 χ^2 /NDF: 216045895.1/1

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 141.932+/-0.071 χ^2/NDF : 1136628.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.792+/-0.060 χ^2/NDF : 1283927.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

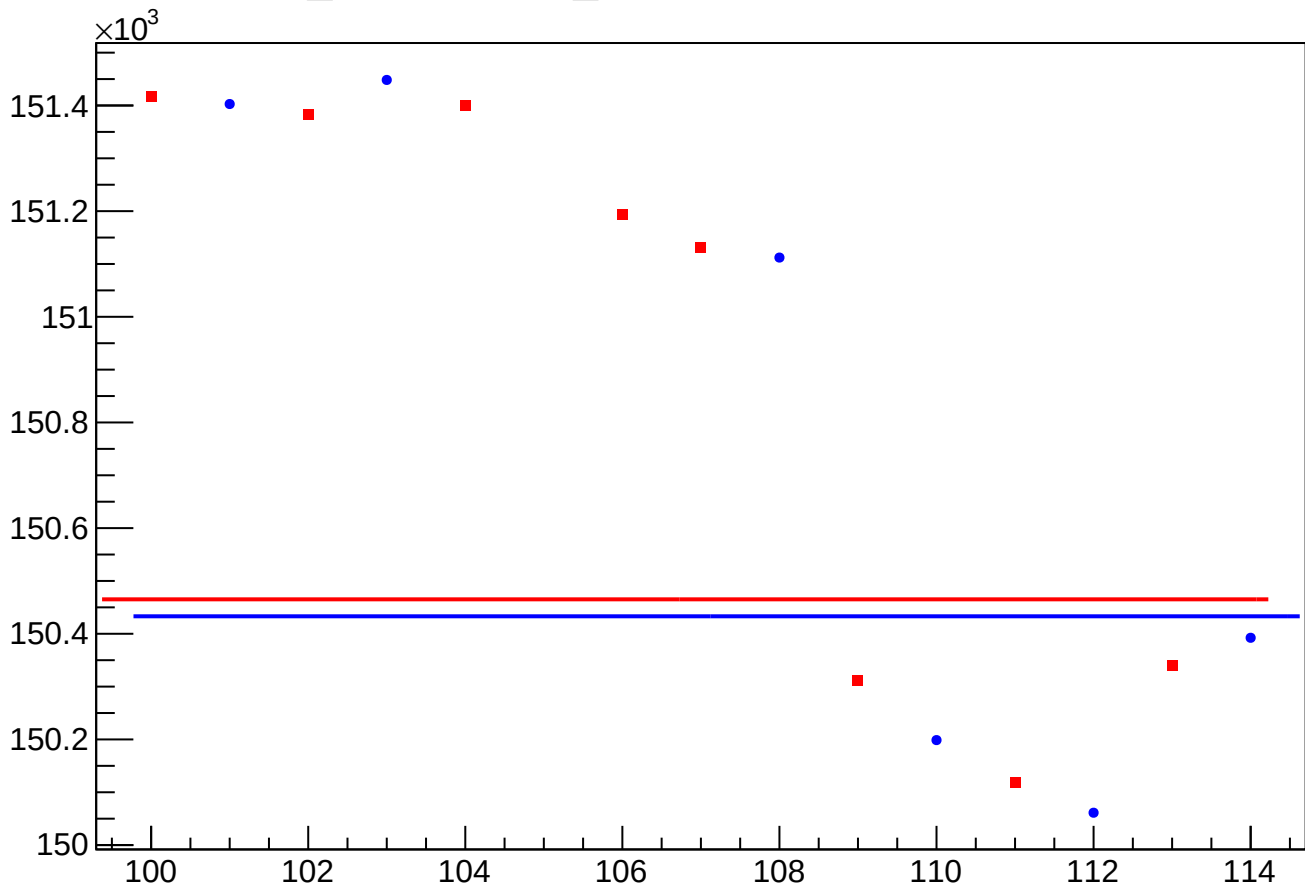
Right: 137.156+/-0.046 χ^2/NDF : 2428208.3/13

In: 141.932+/-0.071 χ^2/NDF : 1136628.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.156+/-0.046 χ^2/NDF : 2428208.3/13

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150433.081 $\pm$ 0.090 χ^2 /NDF: 28247513.5/5

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

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

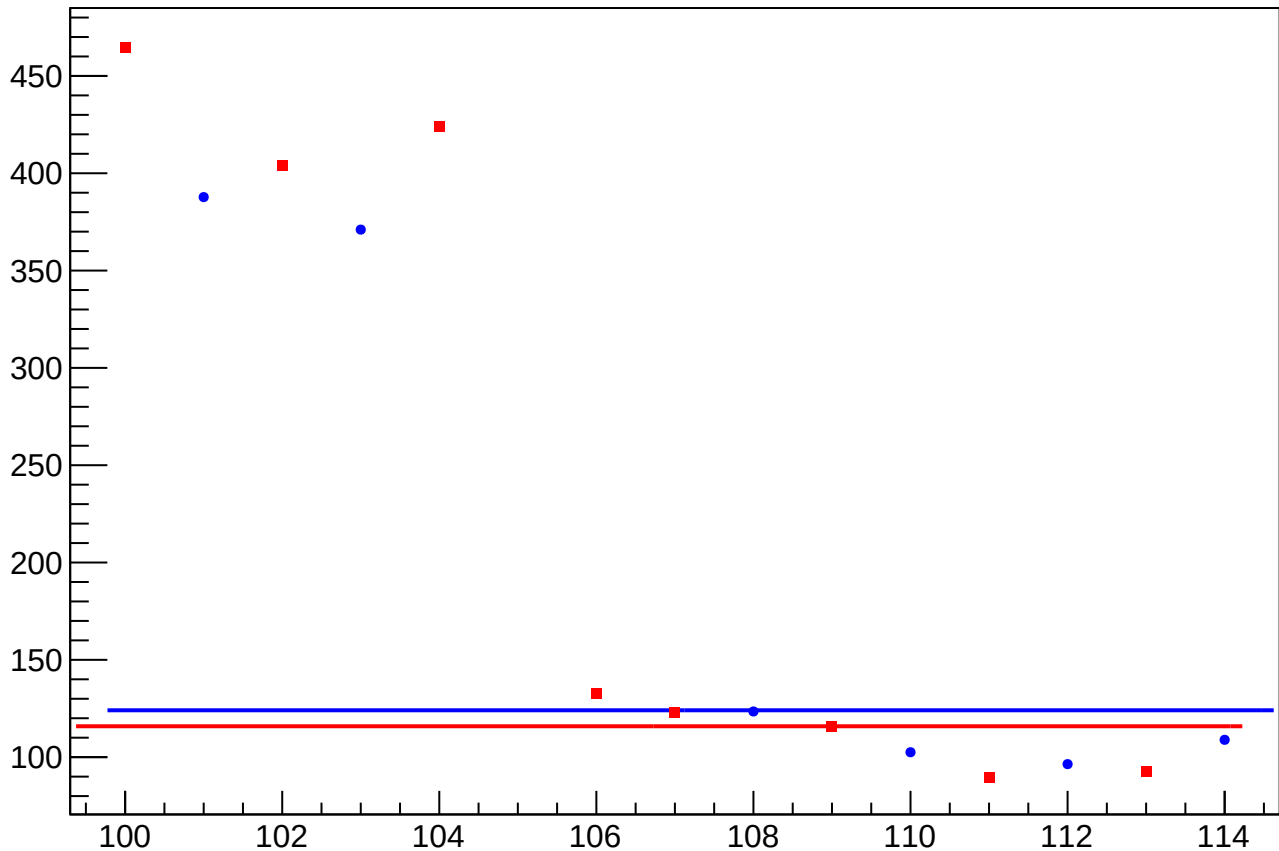
Right: 150452.223 $\pm$ 0.057 χ^2 /NDF: 59113274.3/13

In: 150433.081 $\pm$ 0.090 χ^2 /NDF:28247513.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150452.223 $\pm$ 0.057 χ^2 /NDF: 59113274.3/13

yield_bpm2i01WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

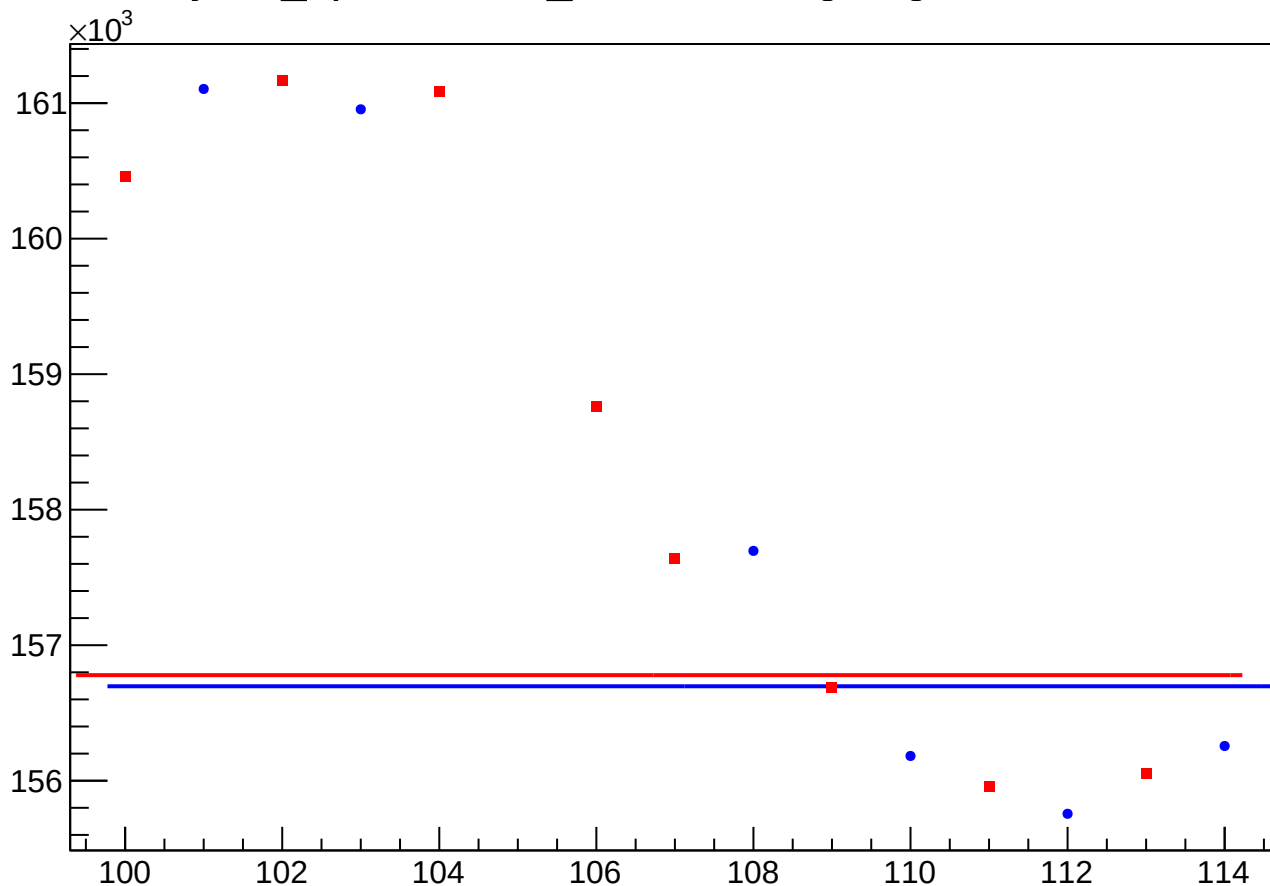
Right: 119.187+/-0.040 χ^2/NDF : 2654019.8/13

In: 124.078+/-0.064 χ^2/NDF : 1217210.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

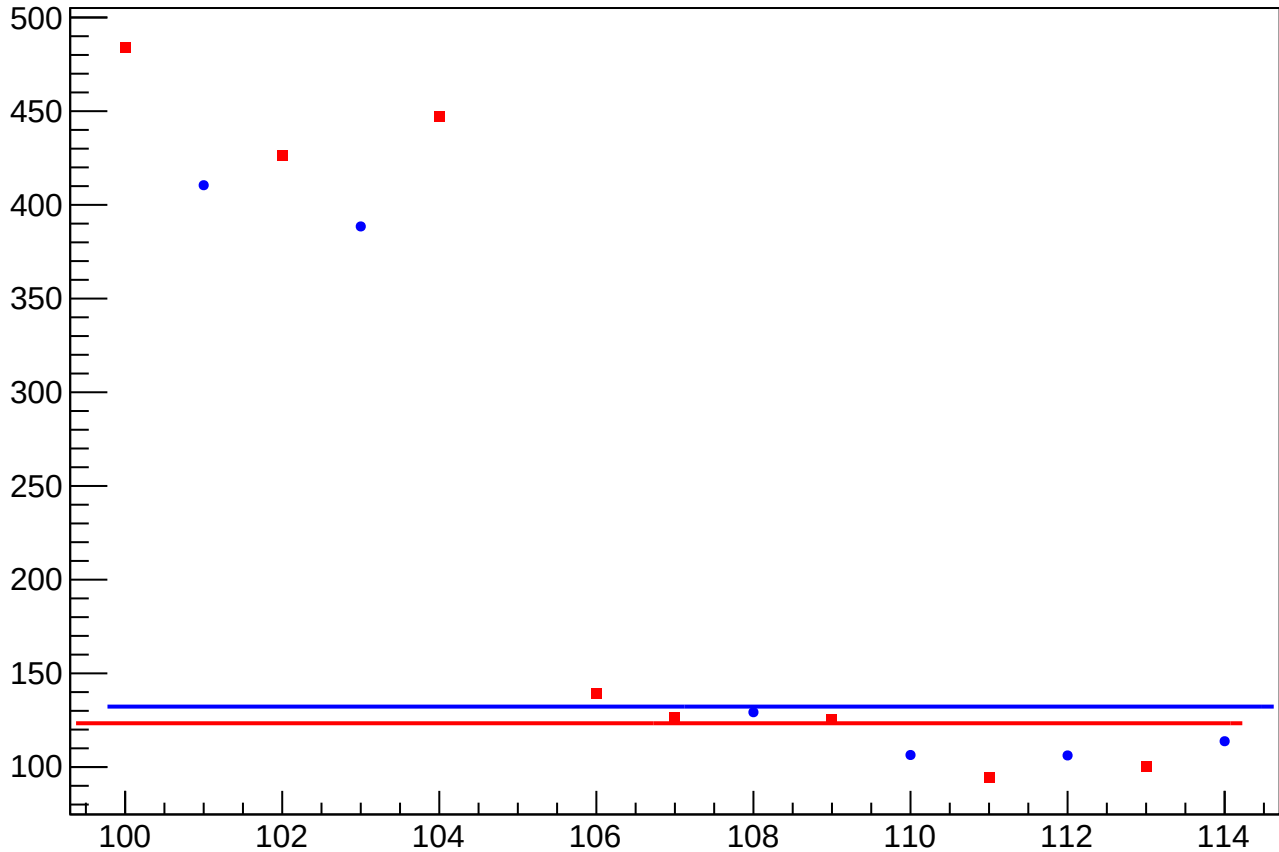
All: 119.187+/-0.040 χ^2/NDF : 2654019.8/13

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 156696.866+/-0.096 χ^2/NDF : 210516114.8/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 156745.829+/-0.061 χ^2/NDF : 462173111.3/1
 In: 156696.866+/-0.096 χ^2/NDF : 210516114.8/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 156745.829+/-0.061 χ^2/NDF : 462173111.3/1

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 132.268+/-0.068 χ^2/NDF : 1196213.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.377+/-0.056 χ^2/NDF : 1413556.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

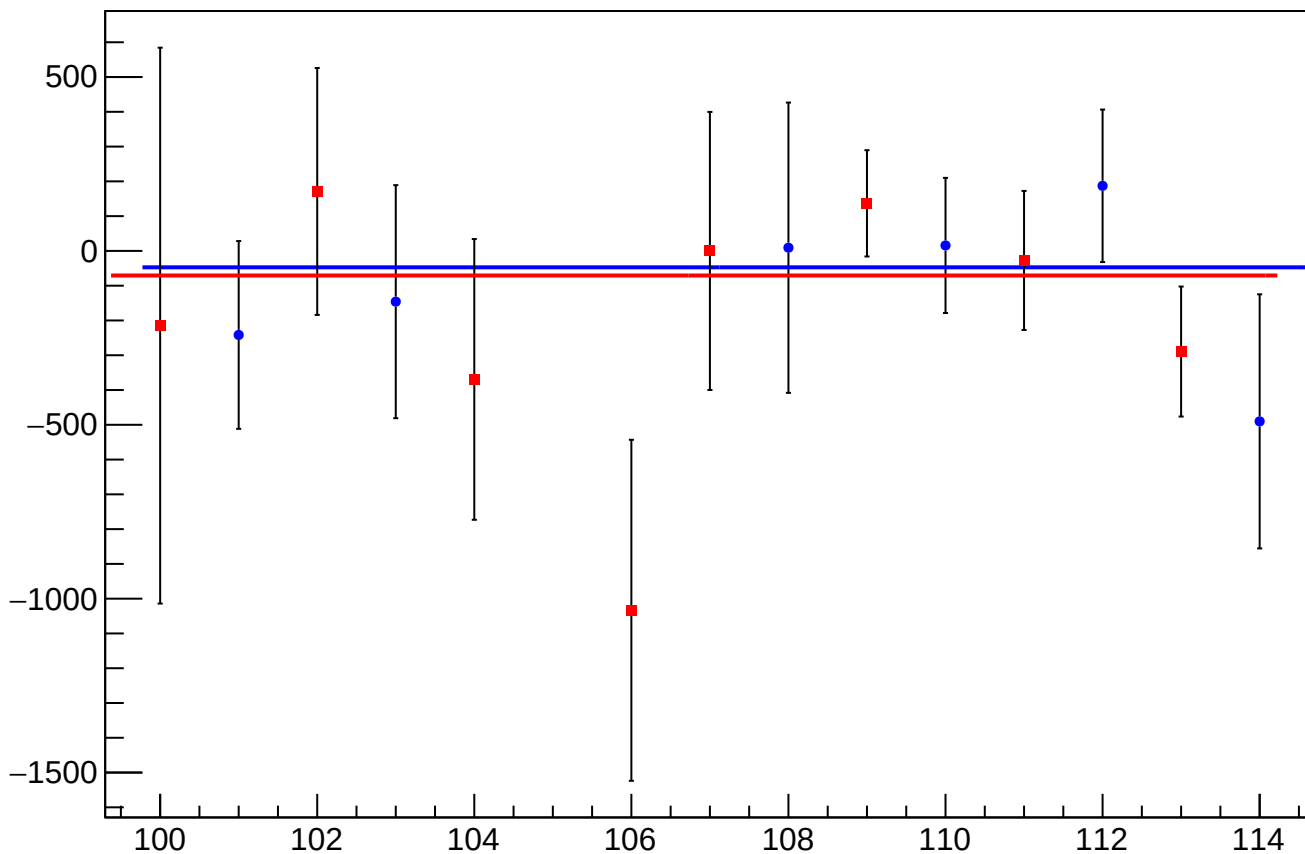
Right: 126.964+/-0.043 χ^2/NDF : 2620071.8/13

In: 132.268+/-0.068 χ^2/NDF : 1196213.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.964+/-0.043 χ^2/NDF : 2620071.8/13

asym_bcm_target_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

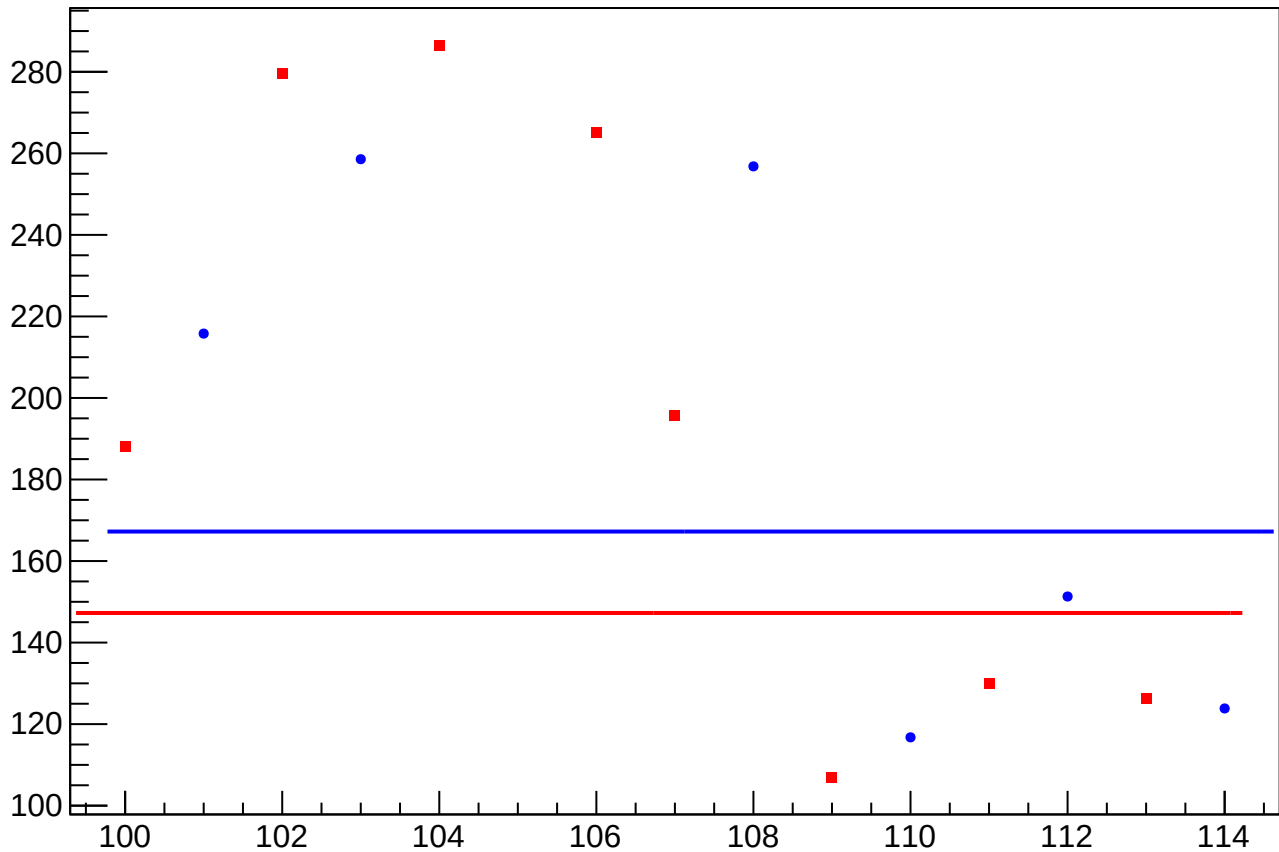
Right: -61.181 ± 69.731 χ^2/NDF : 11.6/13

In: -47.195 ± 109.667 χ^2/NDF : 3.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.181 ± 69.731 χ^2/NDF : 11.6/13

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 167.236+/-0.078 χ^2/NDF : 479176.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.261+/-0.064 χ^2/NDF : 845246.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

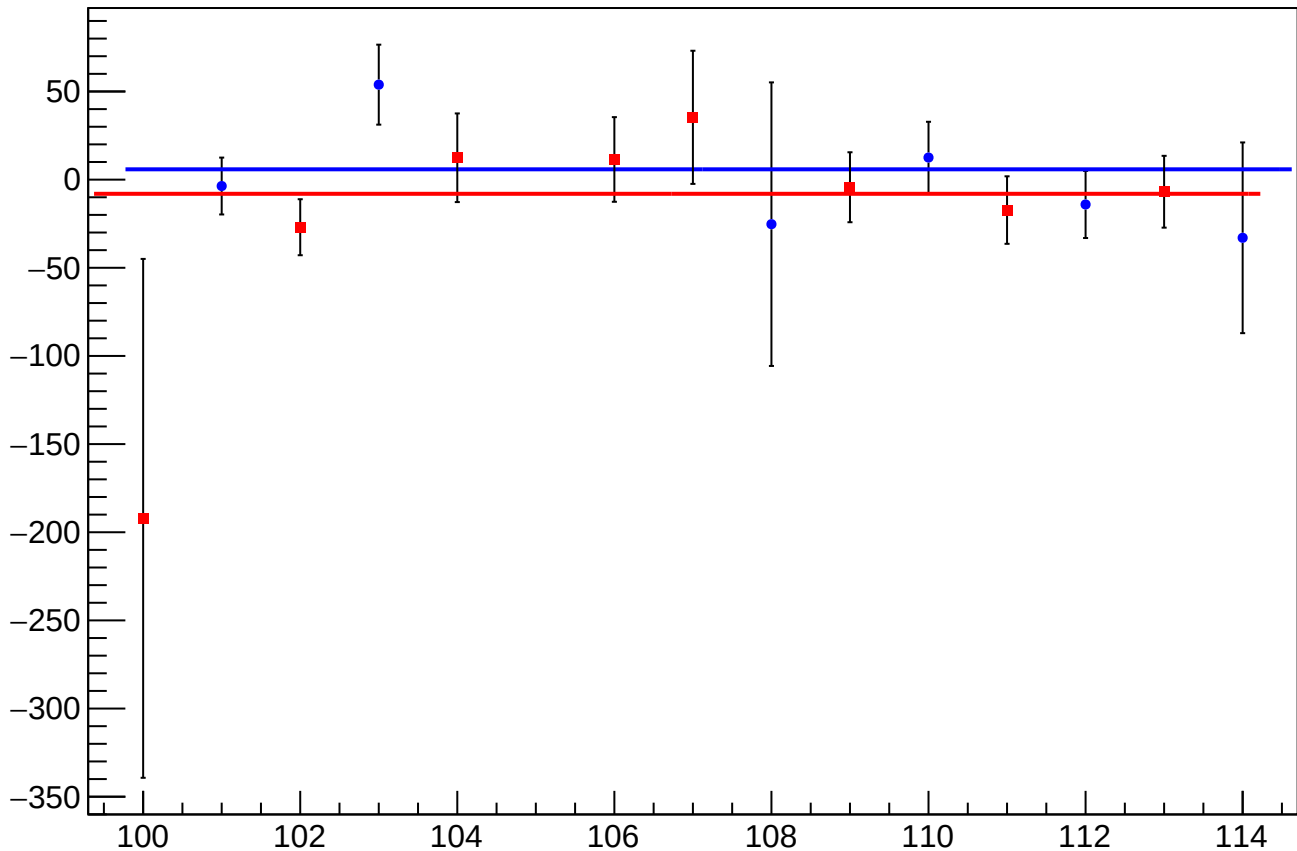
Right: 155.337+/-0.049 χ^2/NDF : 1363948.7/13

In: 167.236+/-0.078 χ^2/NDF : 479176.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.337+/-0.049 χ^2/NDF : 1363948.7/13

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.851+/-9.335 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.036+/-7.979 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

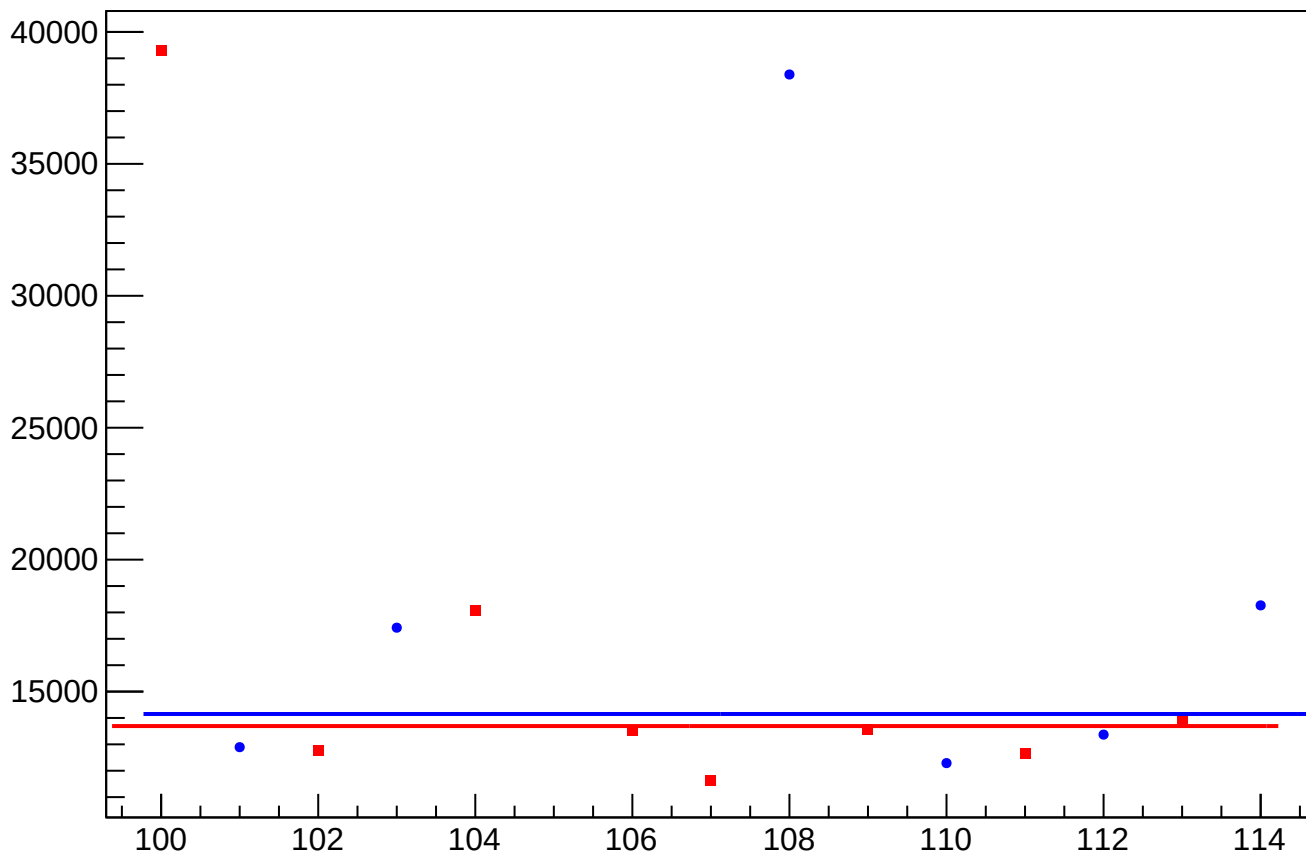
Right: -2.174+/-6.065 χ^2/NDF : 13.9/13

In: 5.851+/-9.335 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.174+/-6.065 χ^2/NDF : 13.9/13

asym_bcm_an_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

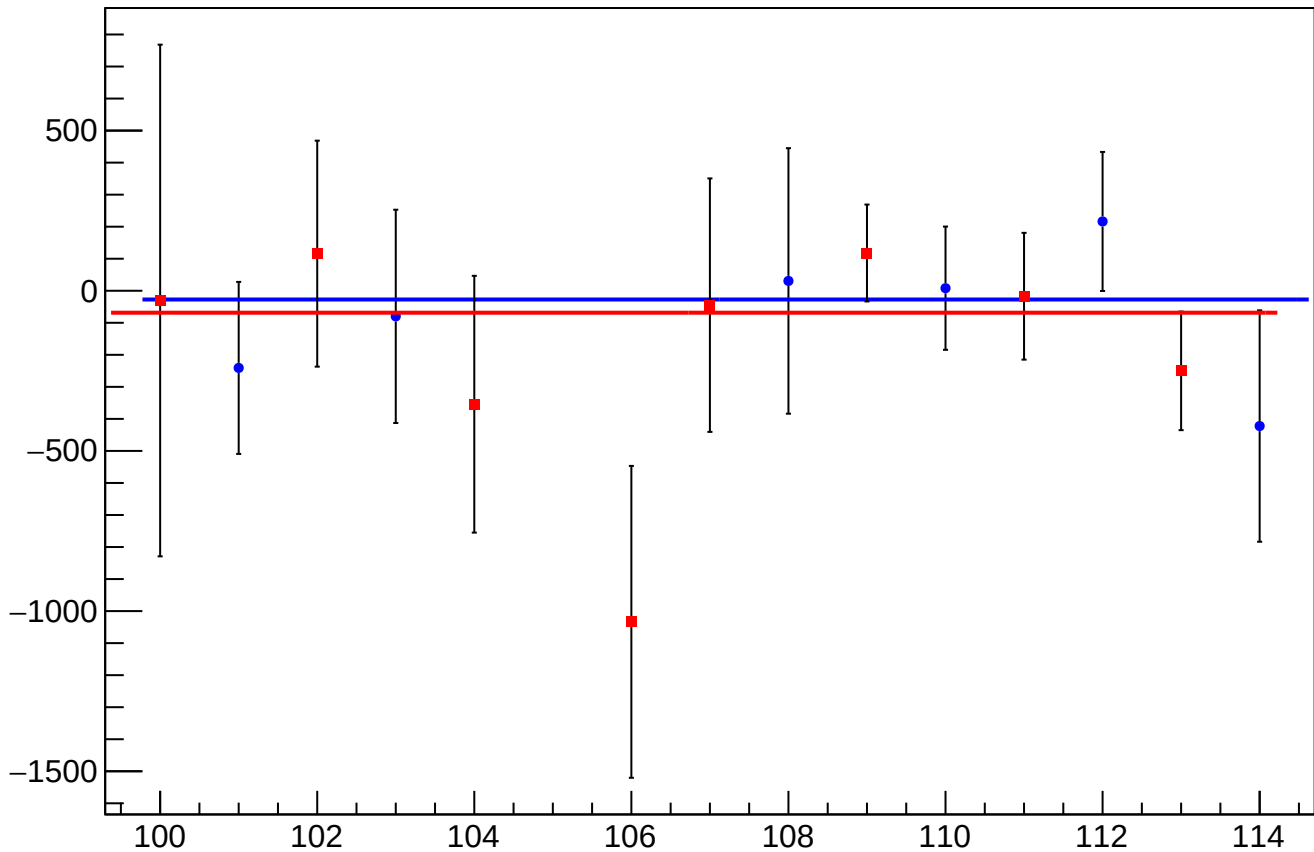
Right: 13886.112+/-4.289 χ^2/NDF : 409529.0/13

In: 14150.472+/-6.601 χ^2/NDF : 267193.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13886.112+/-4.289 χ^2/NDF : 409529.0/13

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -27.290 $\pm$ 108.697 χ^2 /NDF: 3.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.456 $\pm$ 89.490 χ^2 /NDF: 7.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

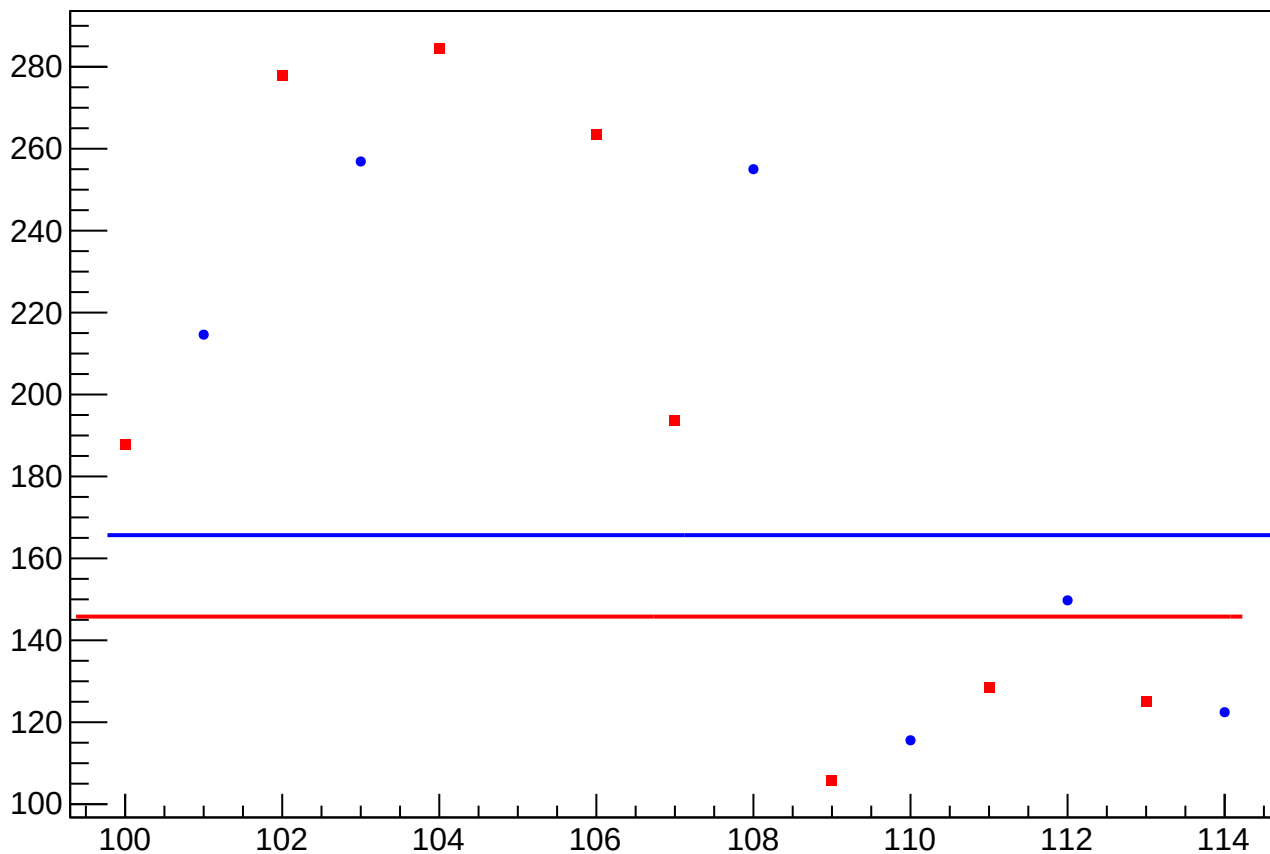
Right: -51.825 $\pm$ 69.088 χ^2 /NDF: 10.5/13

In: -27.290 $\pm$ 108.697 χ^2 /NDF:3.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.825 $\pm$ 69.088 χ^2 /NDF: 10.5/13

asym_bcm_an_ds_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

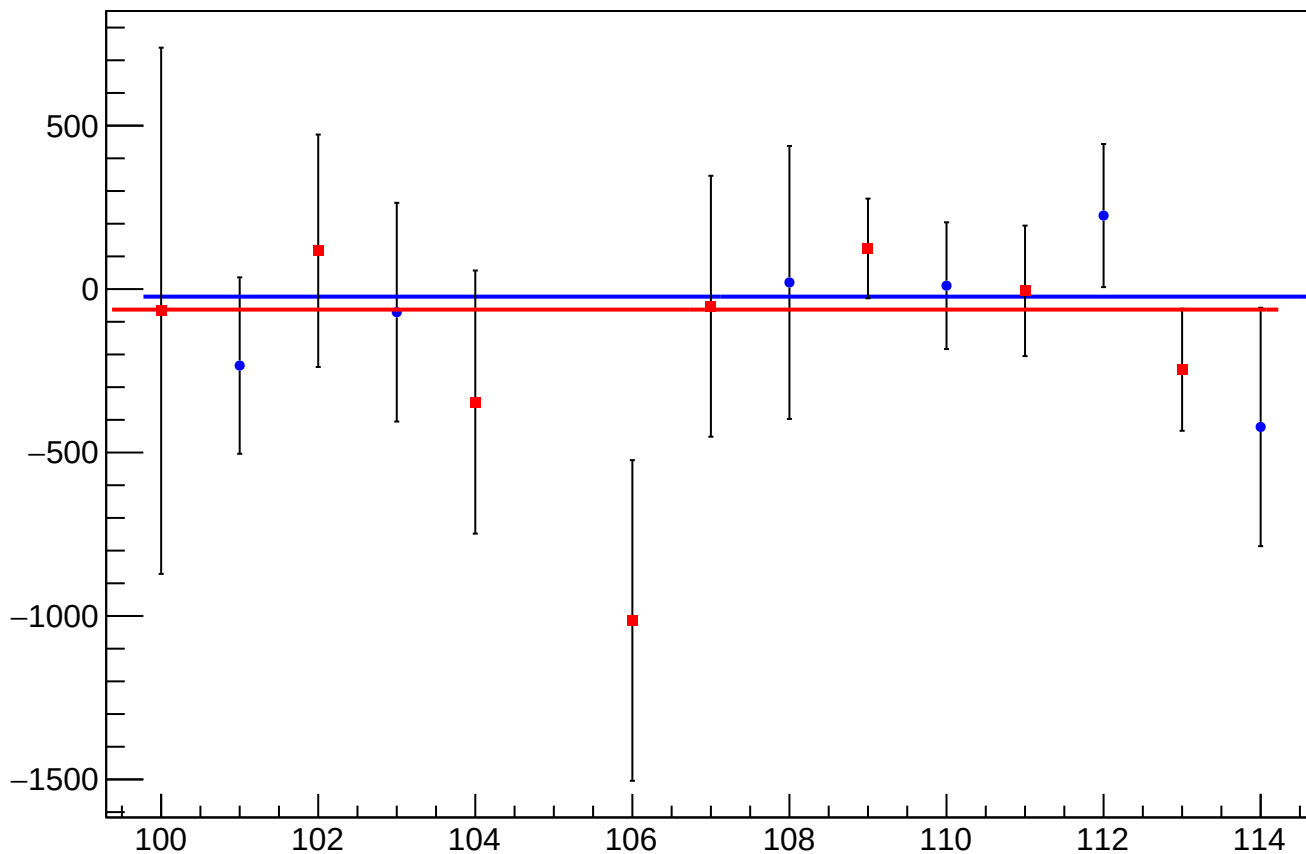
Right: 153.820 $\pm$ 0.049 χ^2 /NDF: 1374986.6/13

In: 165.667 $\pm$ 0.077 χ^2 /NDF:484499.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.820 $\pm$ 0.049 χ^2 /NDF: 1374986.6/13

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -23.095+/-109.499 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.748+/-90.196 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

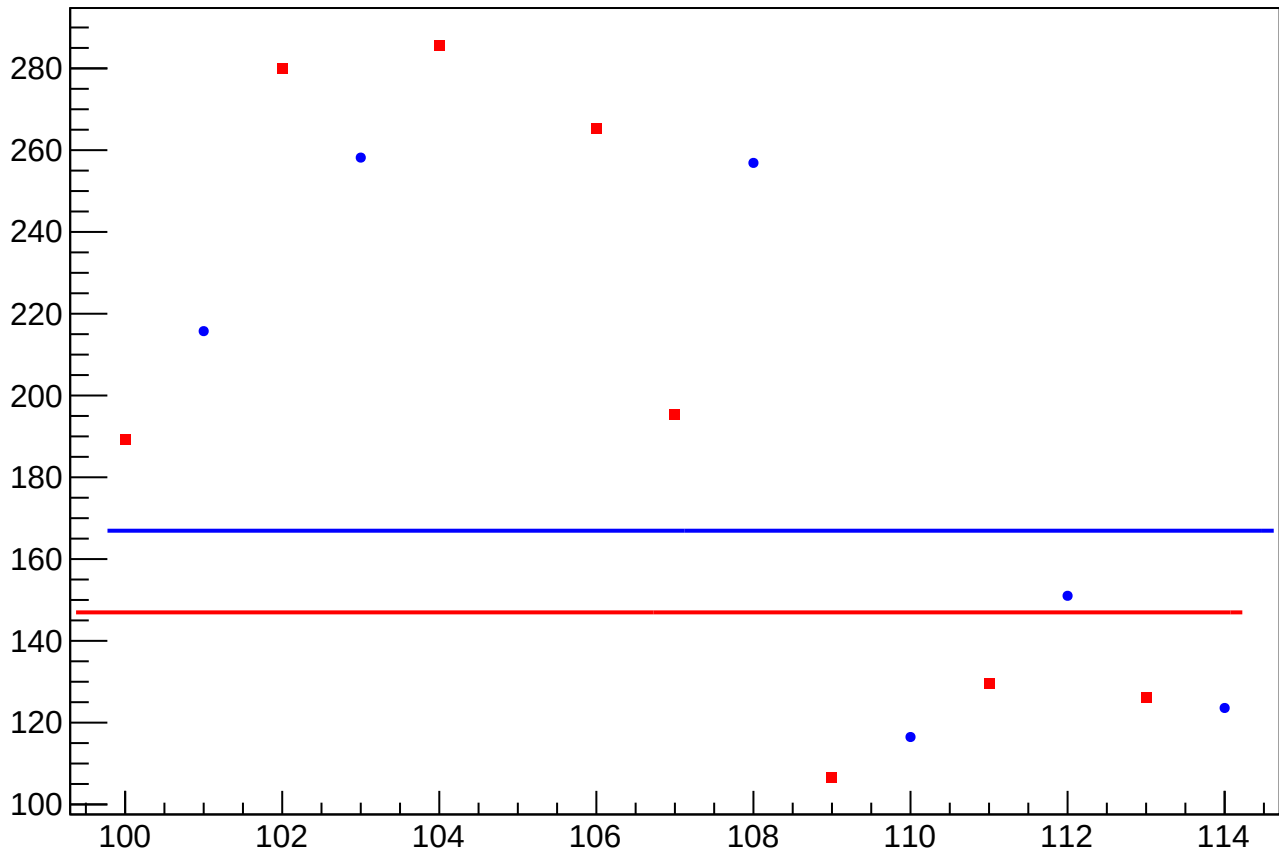
Right: -46.719+/-69.618 χ^2/NDF : 10.3/13

In: -23.095+/-109.499 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.719+/-69.618 χ^2/NDF : 10.3/13

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

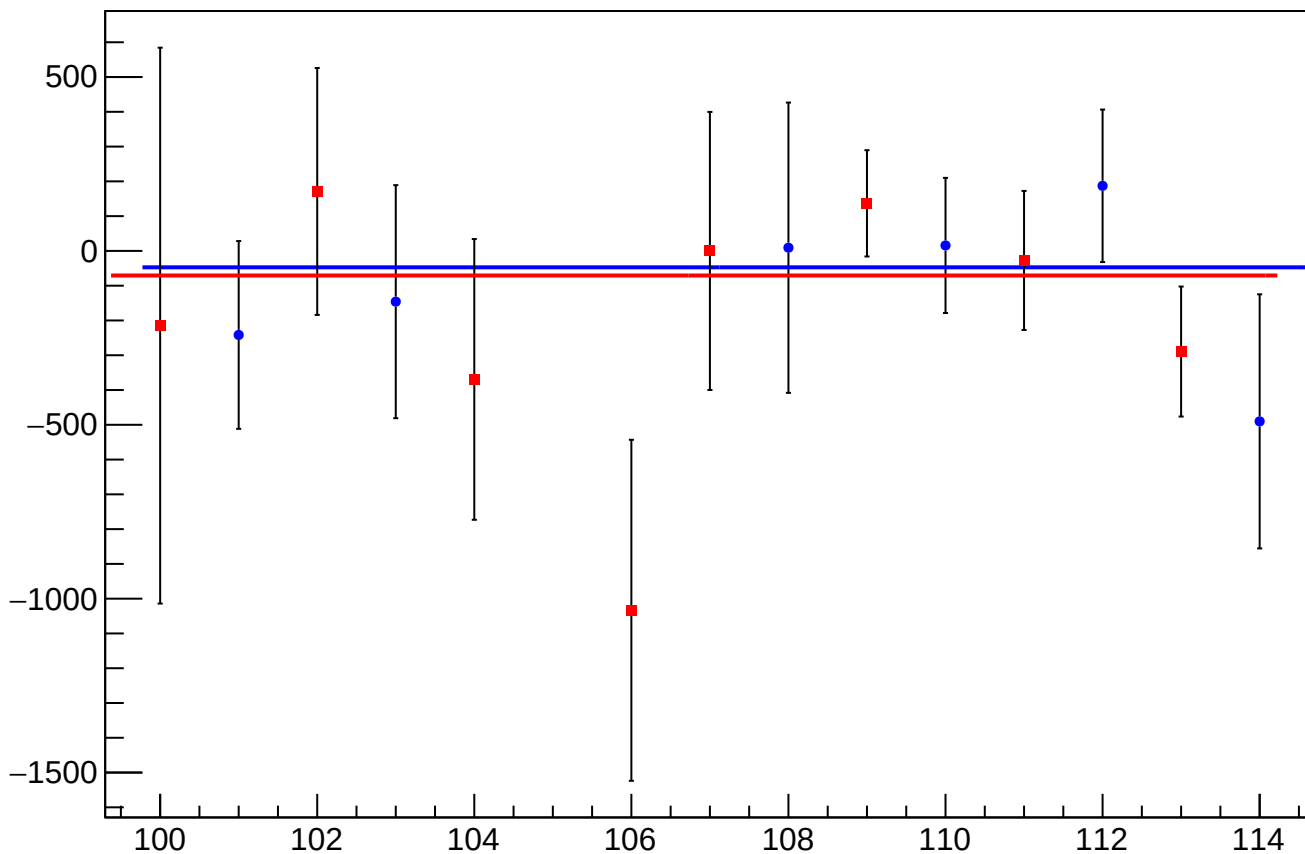
Right: 155.037 $\pm$ 0.049 χ^2 /NDF: 1369366.9/13

In: 166.935 $\pm$ 0.077 χ^2 /NDF:481268.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.037 $\pm$ 0.049 χ^2 /NDF: 1369366.9/13

asym_bcm_an_us_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

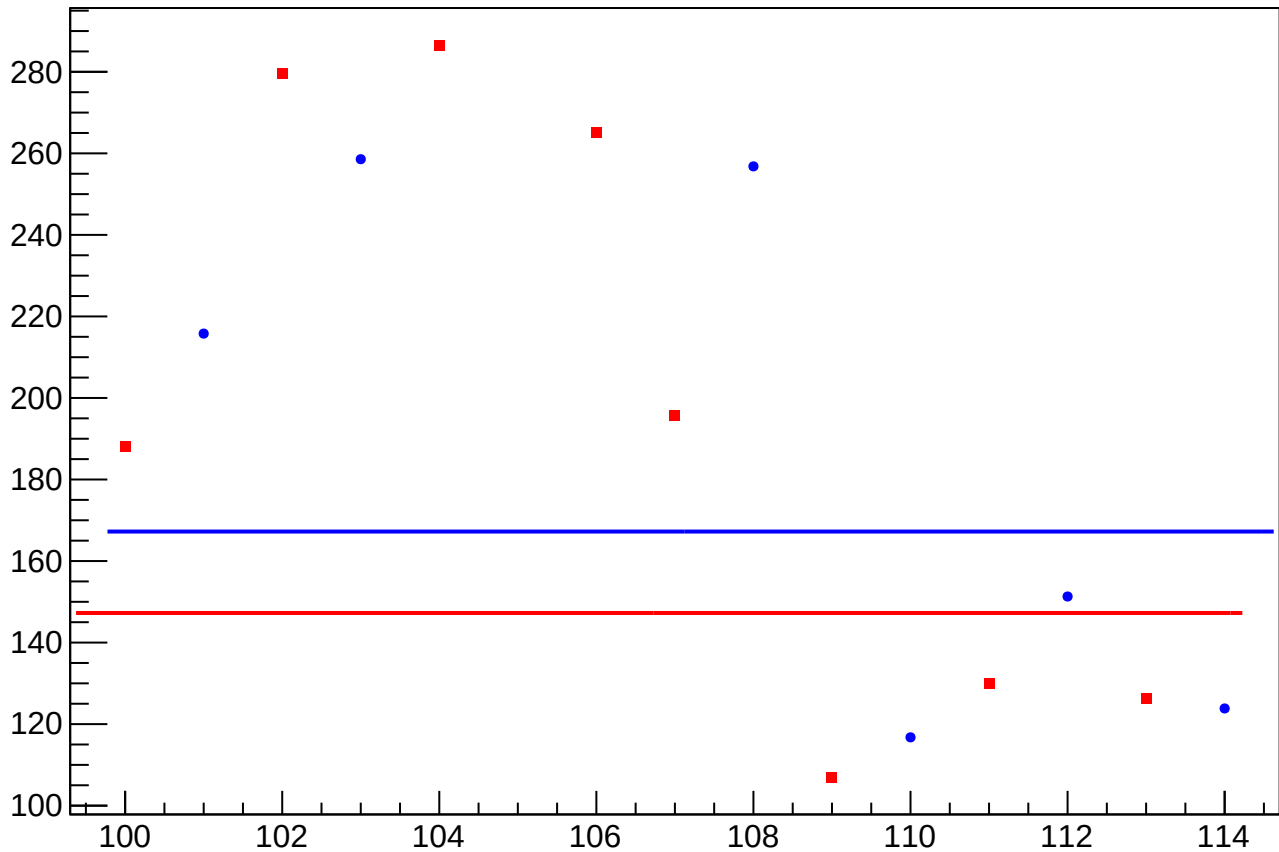
Right: -61.181 ± 69.731 χ^2/NDF : 11.6/13

In: -47.195 ± 109.667 χ^2/NDF : 3.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.181 ± 69.731 χ^2/NDF : 11.6/13

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 167.236+/-0.078 χ^2/NDF : 479176.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.261+/-0.064 χ^2/NDF : 845246.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

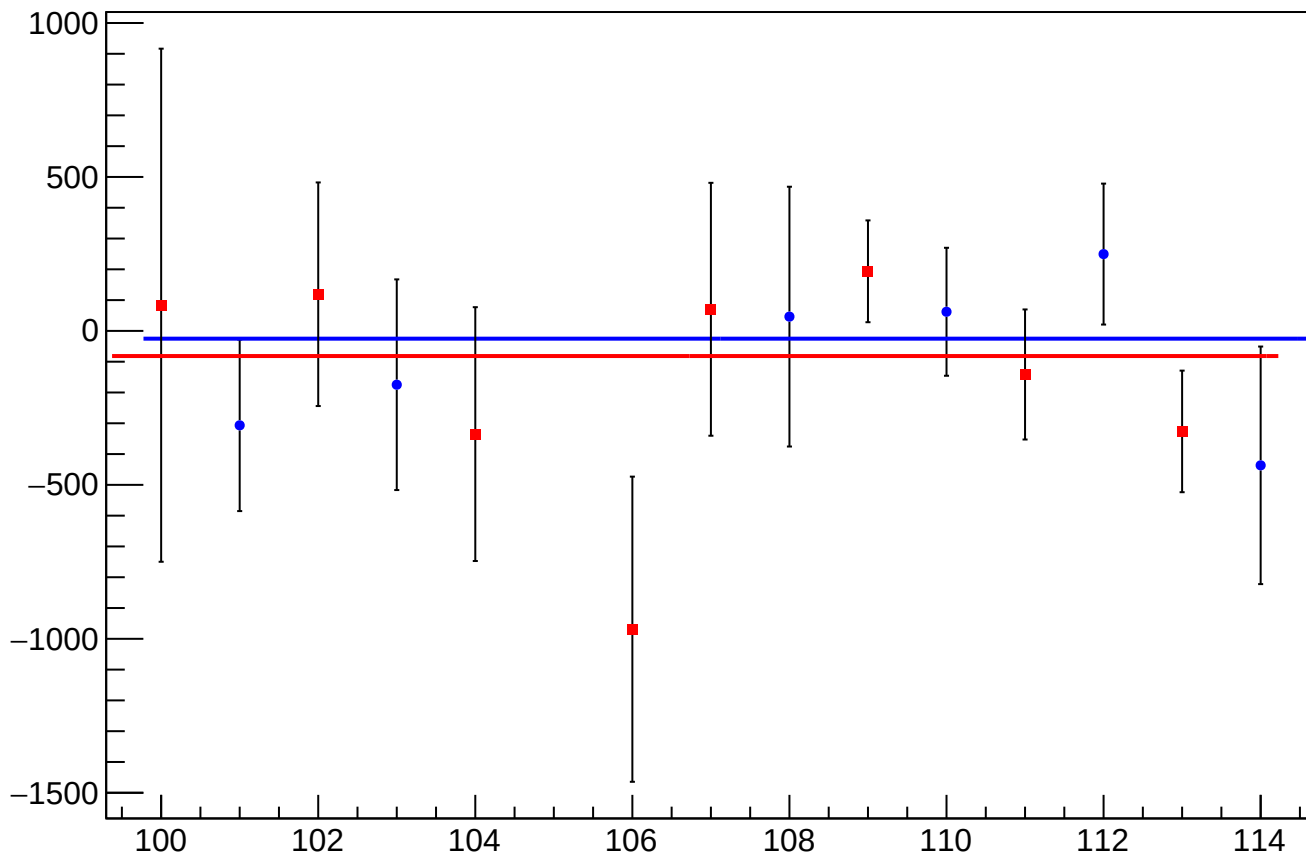
Right: 155.337+/-0.049 χ^2/NDF : 1363948.7/13

In: 167.236+/-0.078 χ^2/NDF : 479176.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.337+/-0.049 χ^2/NDF : 1363948.7/13

asym_bcm_dg_us_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

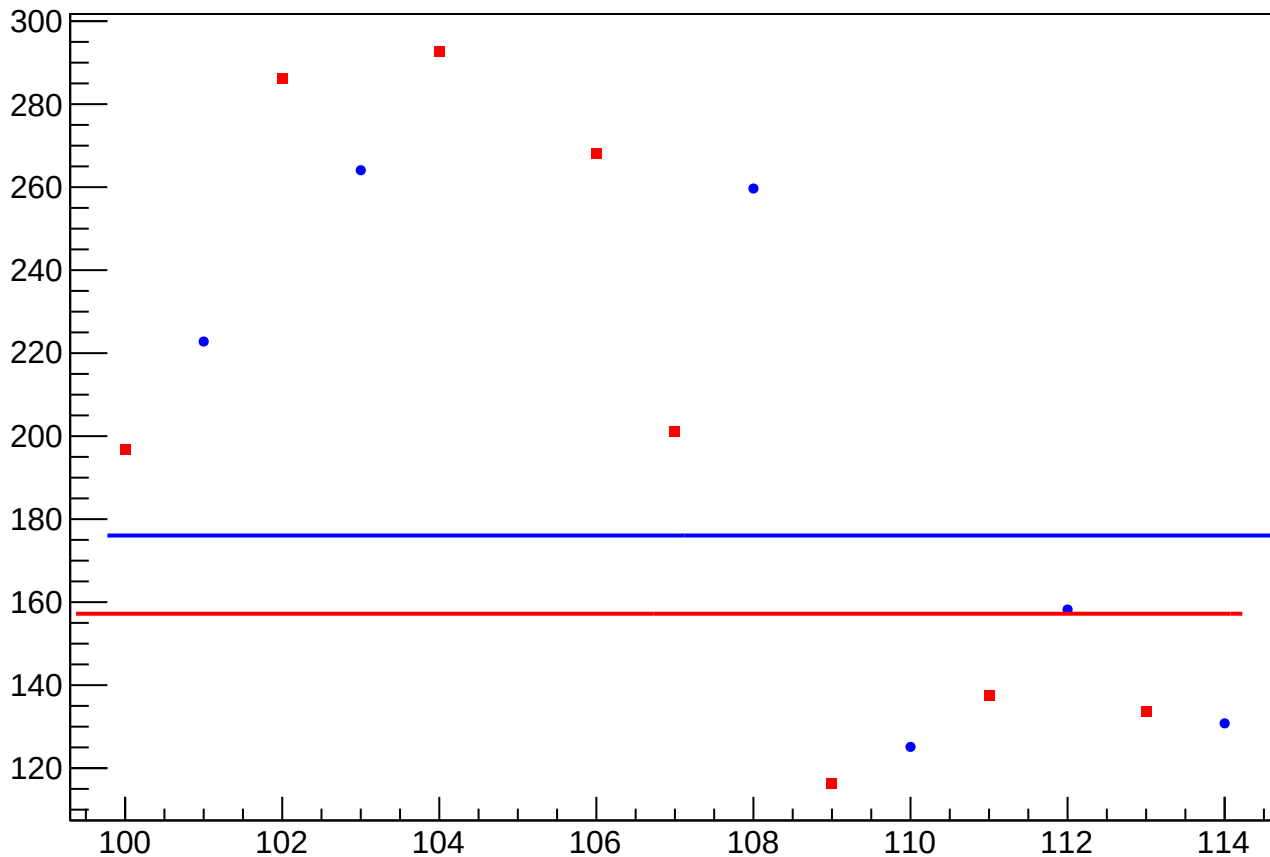
Right: -58.524+/-73.404 χ^2/NDF : 12.6/13

In: -25.200+/-114.695 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.524+/-73.404 χ^2/NDF : 12.6/13

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 176.057+/-0.081 χ^2/NDF : 427128.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.211+/-0.068 χ^2/NDF : 763810.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

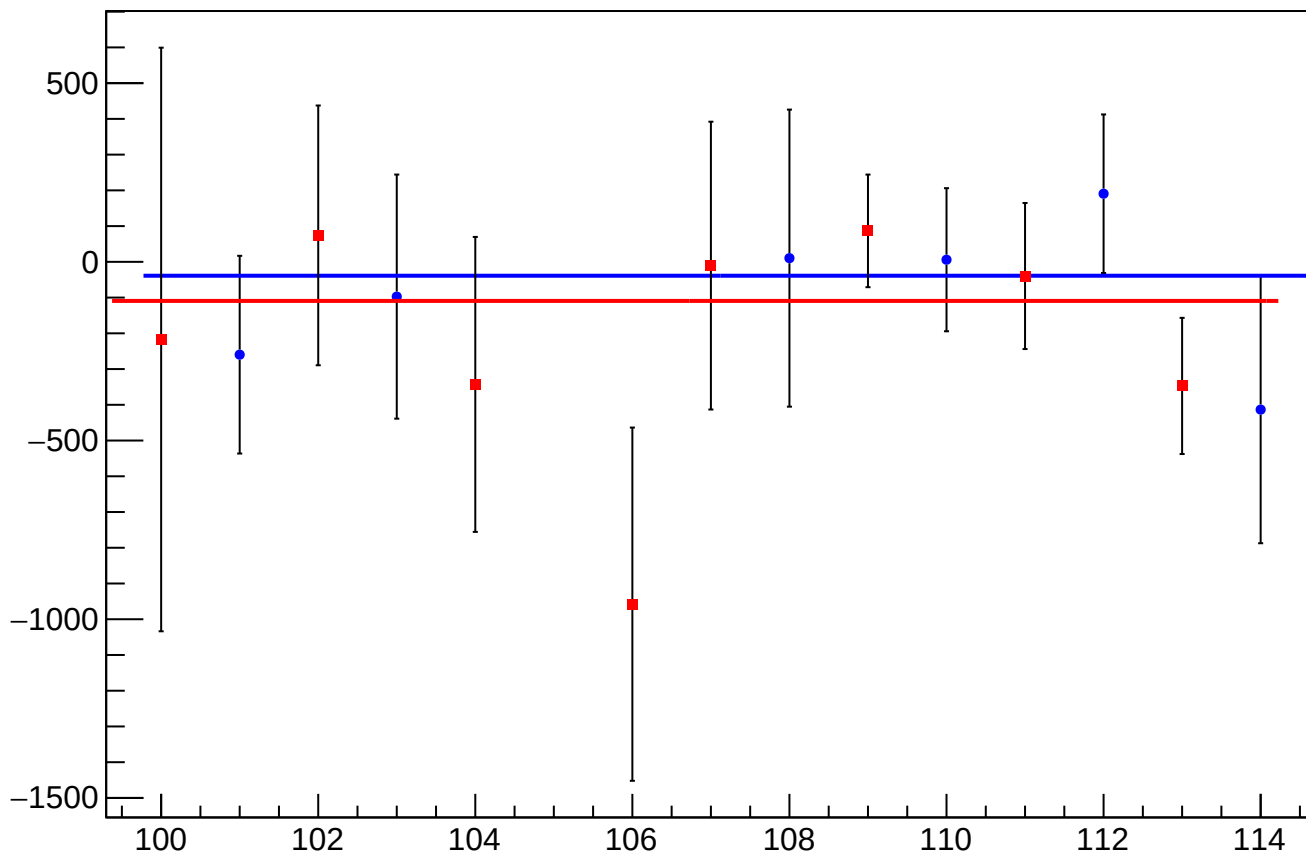
Right: 164.930+/-0.052 χ^2/NDF : 1222820.7/13

In: 176.057+/-0.081 χ^2/NDF : 427128.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.930+/-0.052 χ^2/NDF : 1222820.7/13

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

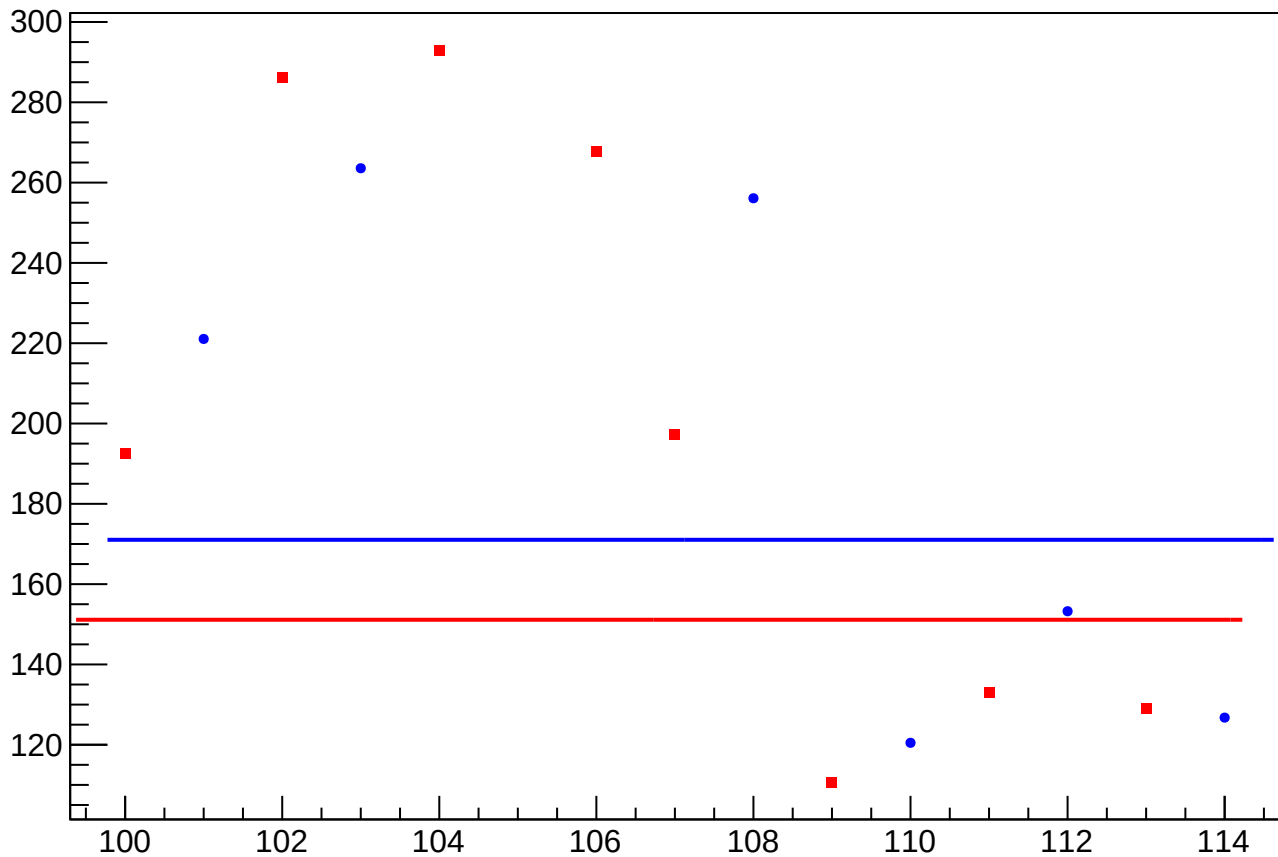
Right: -80.745 ± 71.274 χ^2/NDF : 9.9/13

In: -38.861 ± 111.903 χ^2/NDF : 2.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.745 ± 71.274 χ^2/NDF : 9.9/13

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 171.044+/-0.079 χ^2/NDF : 464458.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.131+/-0.065 χ^2/NDF : 830404.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

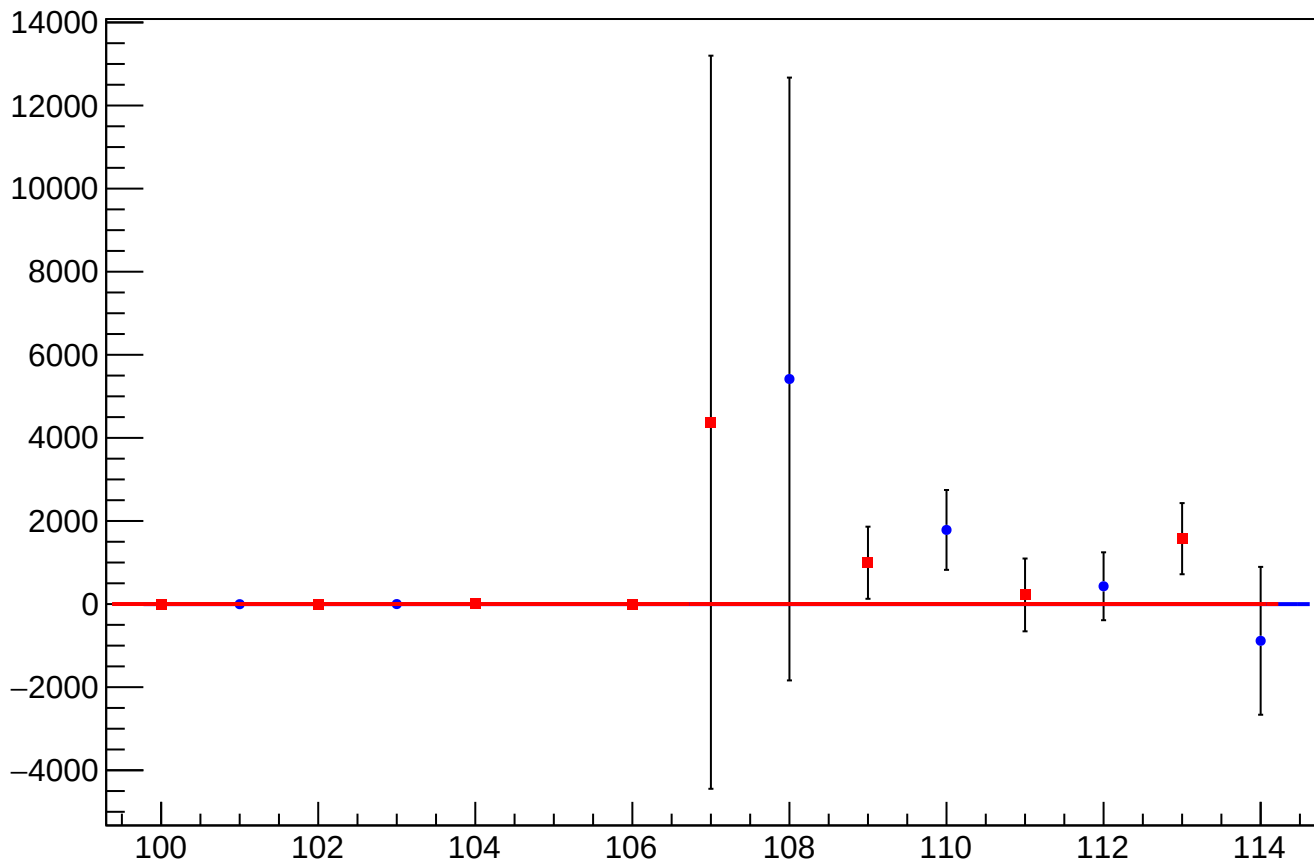
Right: 159.209+/-0.050 χ^2/NDF : 1332501.9/13

In: 171.044+/-0.079 χ^2/NDF : 464458.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.209+/-0.050 χ^2/NDF : 1332501.9/13

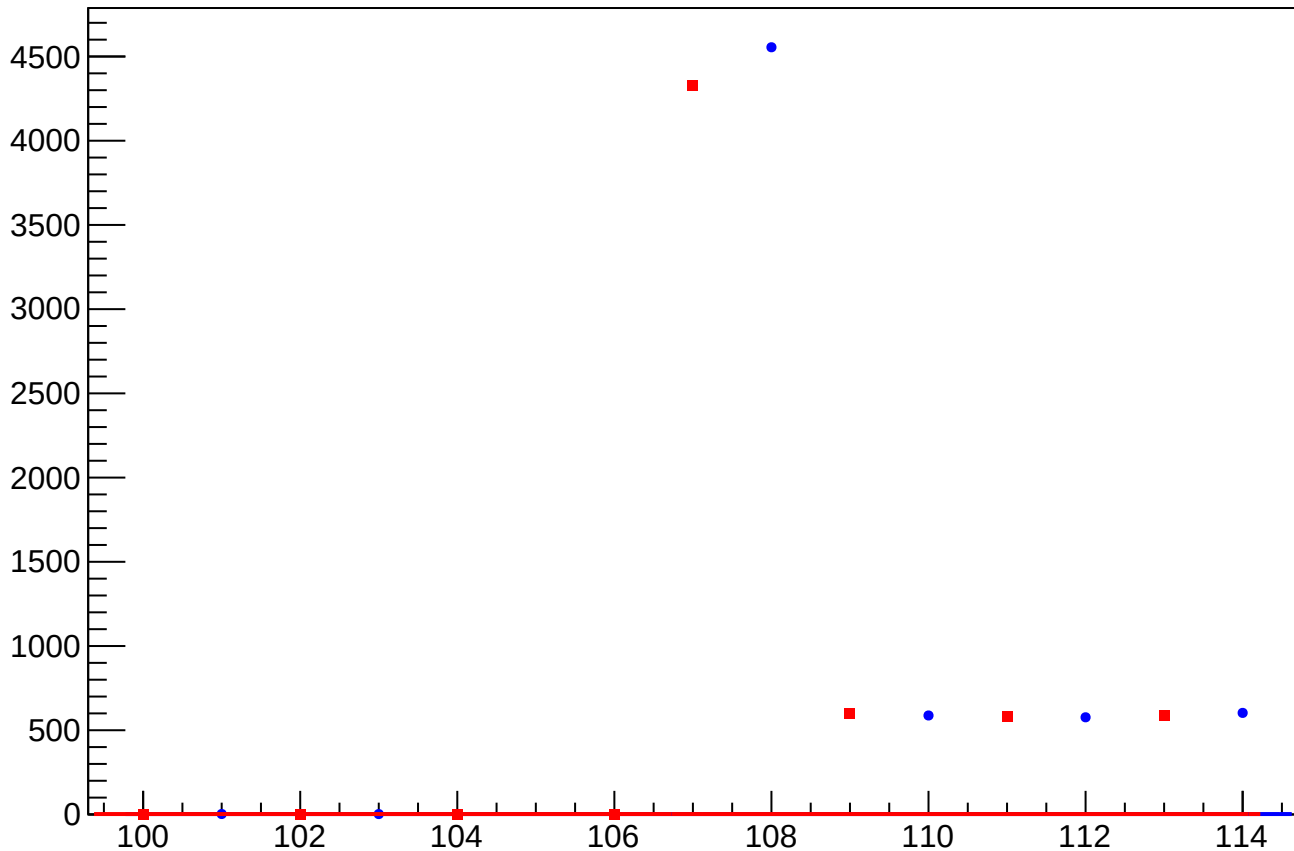
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.207+/-2.171 χ^2/NDF : 4.9/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.378+/-2.022 χ^2/NDF : 10.2/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.177+/-1.480 χ^2/NDF : 15.9/13
 In: -1.207+/-2.171 χ^2/NDF : 4.9/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.177+/-1.480 χ^2/NDF : 15.9/13

asym_cav4bQ_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

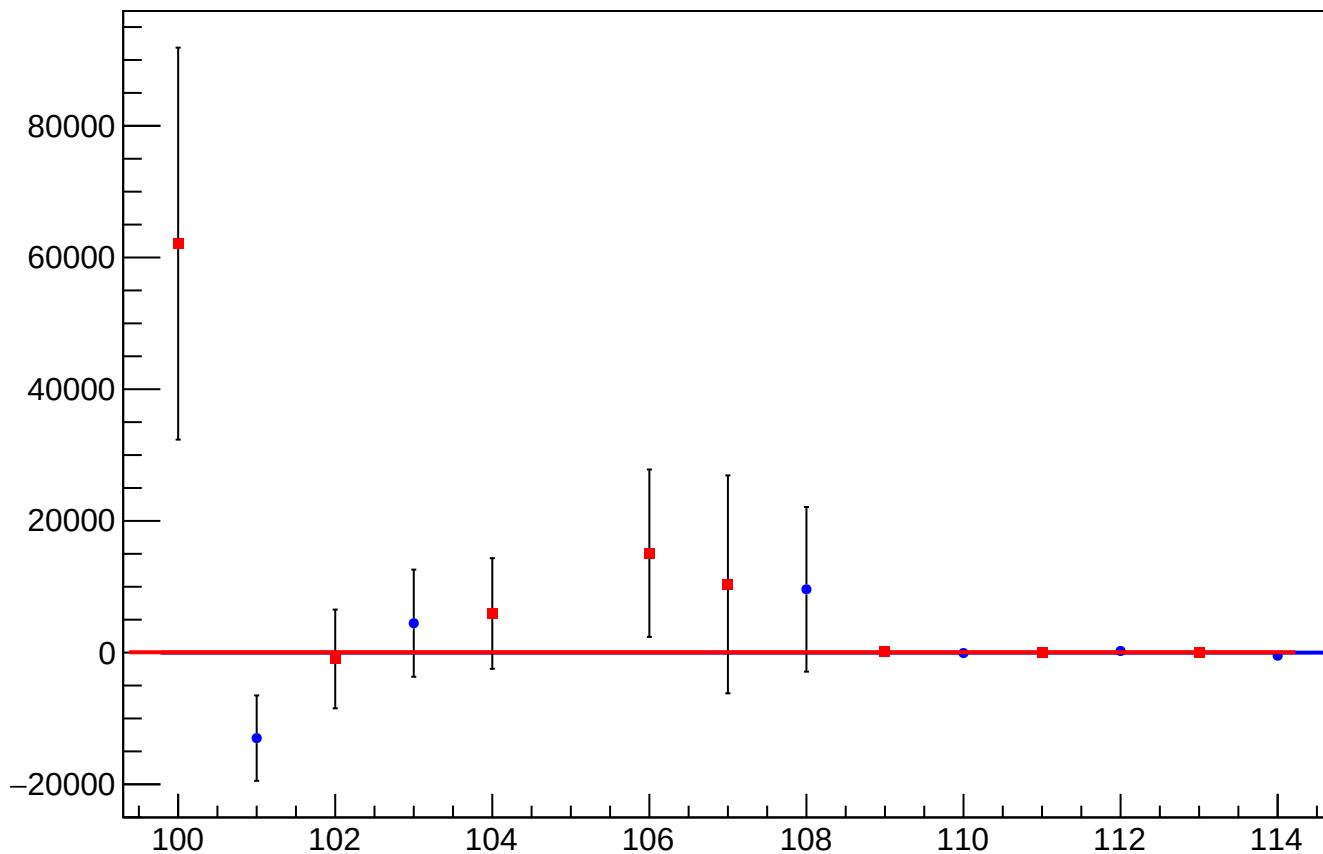
Right: 2.435+/-0.001 χ^2/NDF : 6022683.8/13

In: 2.438+/-0.002 χ^2/NDF : 2760662.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.435+/-0.001 χ^2/NDF : 6022683.8/13

asym_cav4cQ_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

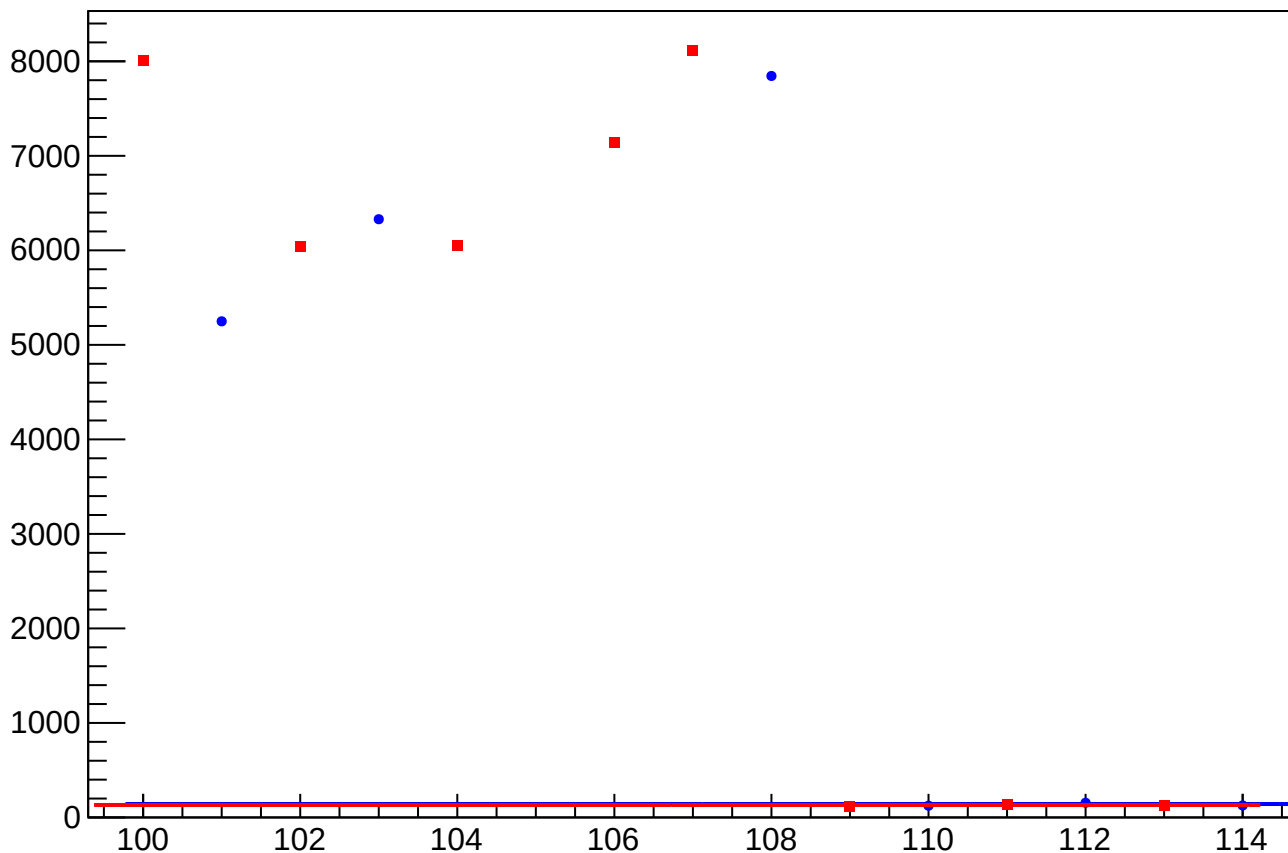
Right: 30.476 ± 91.452 χ^2/NDF : 15.2/13

In: -3.125 ± 140.802 χ^2/NDF : 7.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 30.476 ± 91.452 χ^2/NDF : 15.2/13

asym_cav4cQ_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

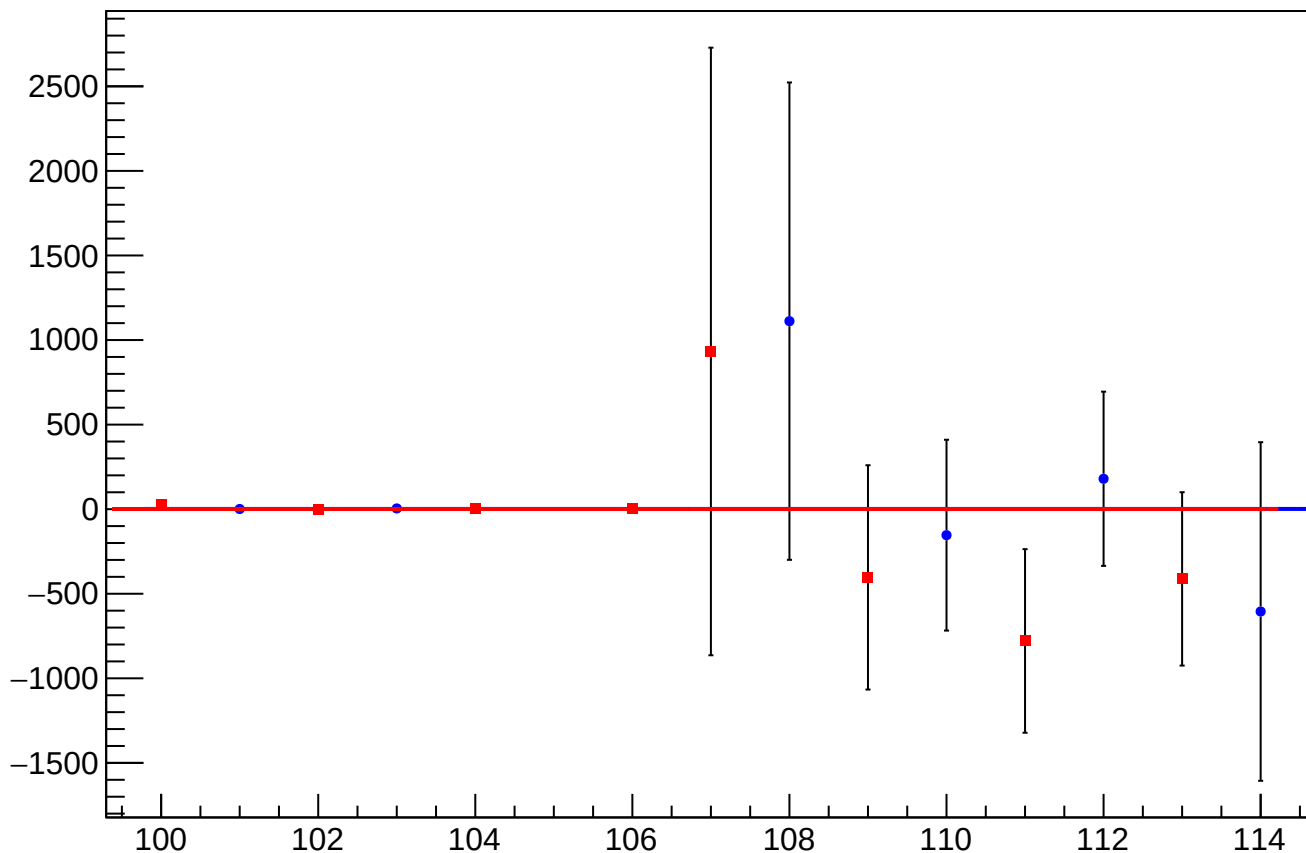
Right: 136.315+/-0.065 χ^2/NDF : 6645950.9/13

In: 142.238+/-0.100 χ^2/NDF : 3181724.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.315+/-0.065 χ^2/NDF : 6645950.9/13

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.444+/-1.660 χ^2/NDF : 1.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.102+/-1.528 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

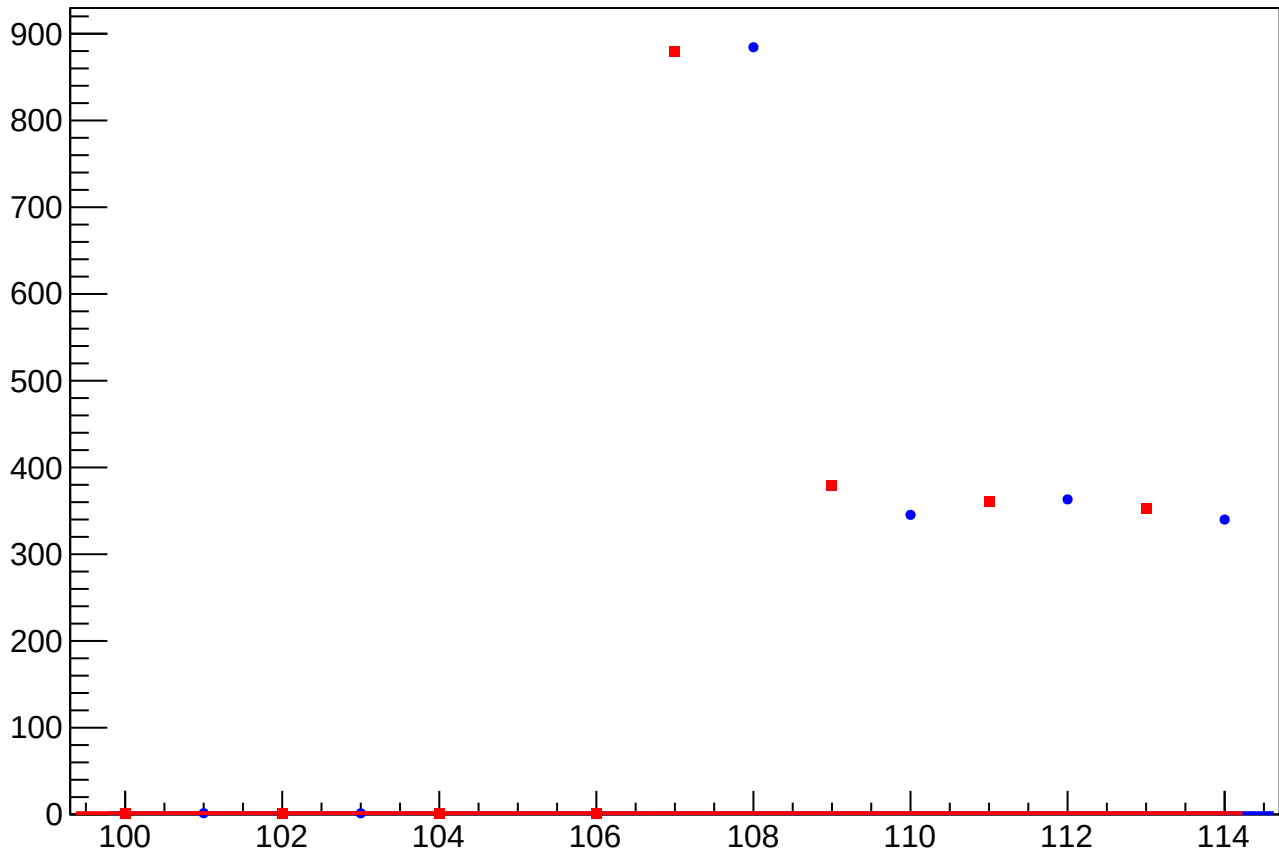
Right: 1.259+/-1.124 χ^2/NDF : 7.5/13

In: 1.444+/-1.660 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.259+/-1.124 χ^2/NDF : 7.5/13

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.438+/-0.001 χ^2/NDF : 2742690.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.442+/-0.001 χ^2/NDF : 2944149.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

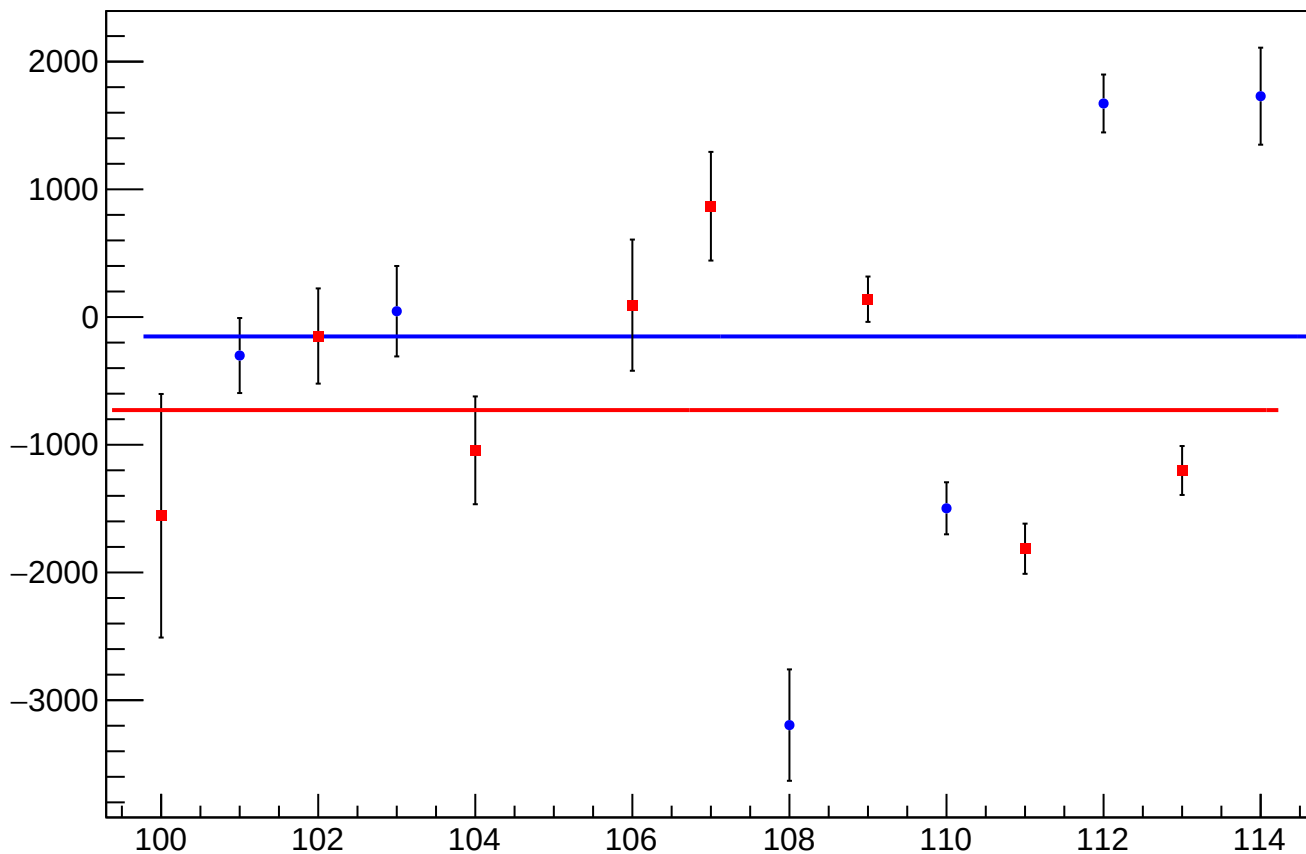
Right: 1.440+/-0.001 χ^2/NDF : 5686844.1/13

In: 1.438+/-0.001 χ^2/NDF : 2742690.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.440+/-0.001 χ^2/NDF : 5686844.1/13

asym_bcm0l02_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

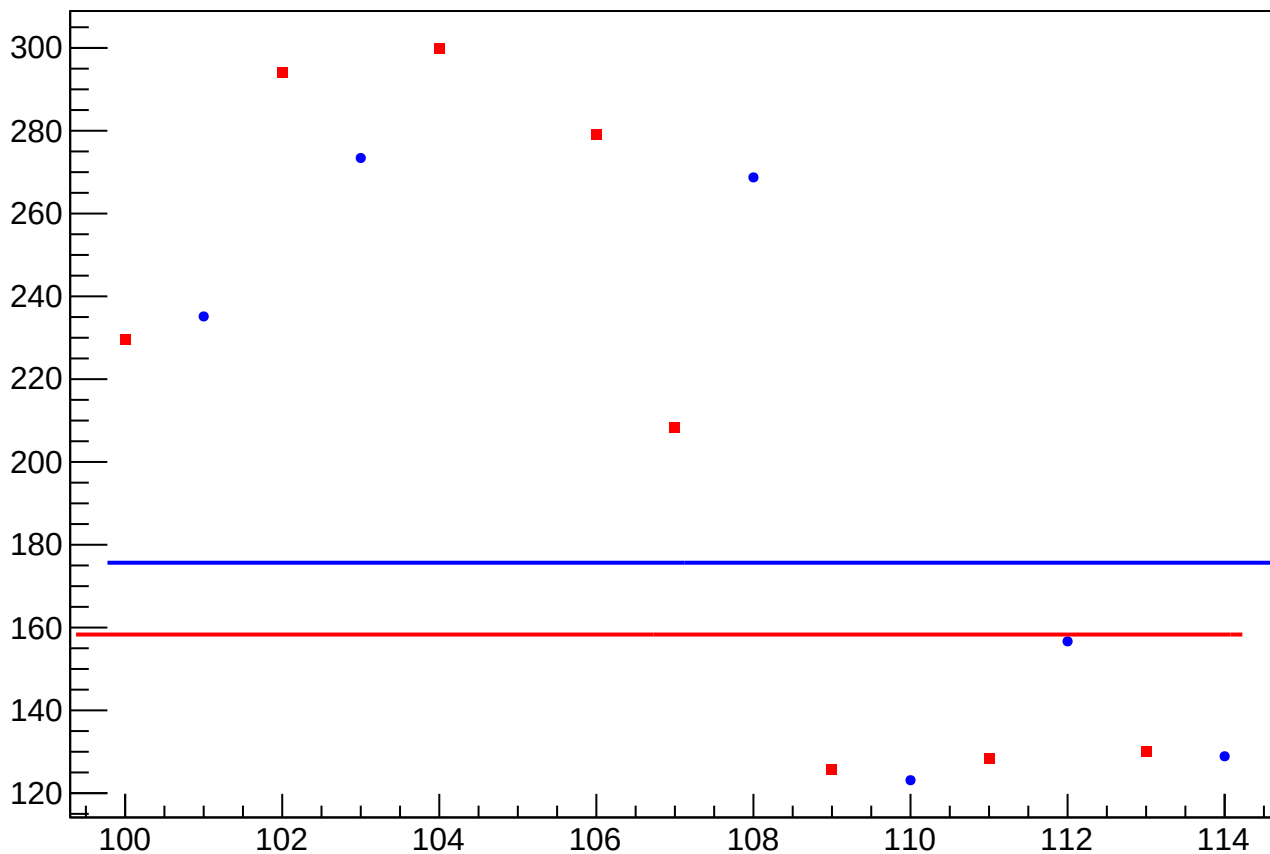
Right: -491.772 ± 73.844 χ^2/NDF : 277.8/13

In: -151.920 ± 115.241 χ^2/NDF : 182.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -491.772 ± 73.844 χ^2/NDF : 277.8/13

asym_bcm0l02_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

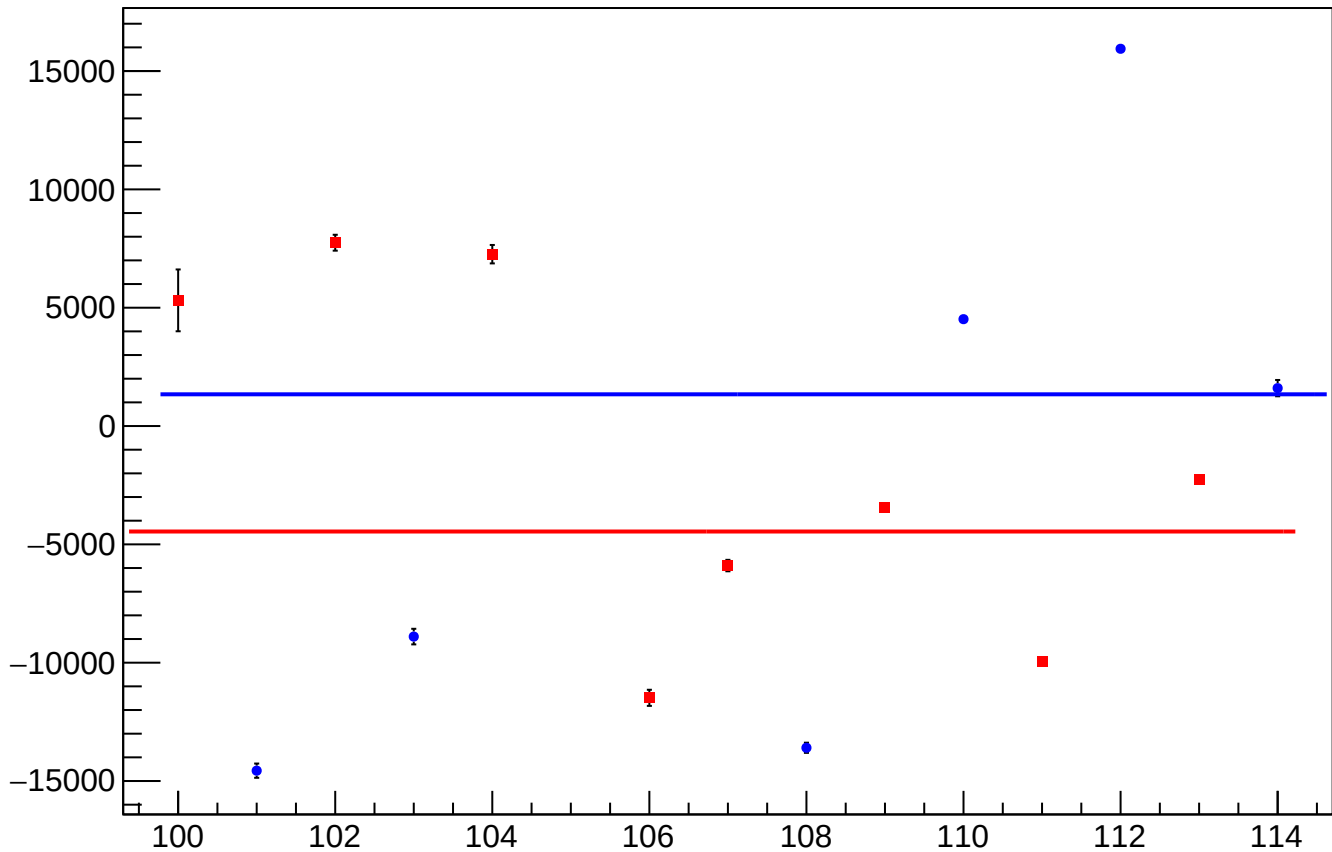
Right: 165.437 $\pm$ 0.052 χ^2 /NDF: 1326744.1/13

In: 175.660 $\pm$ 0.081 χ^2 /NDF:502782.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.437 $\pm$ 0.052 χ^2 /NDF: 1326744.1/13

asym_bpm0i02WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

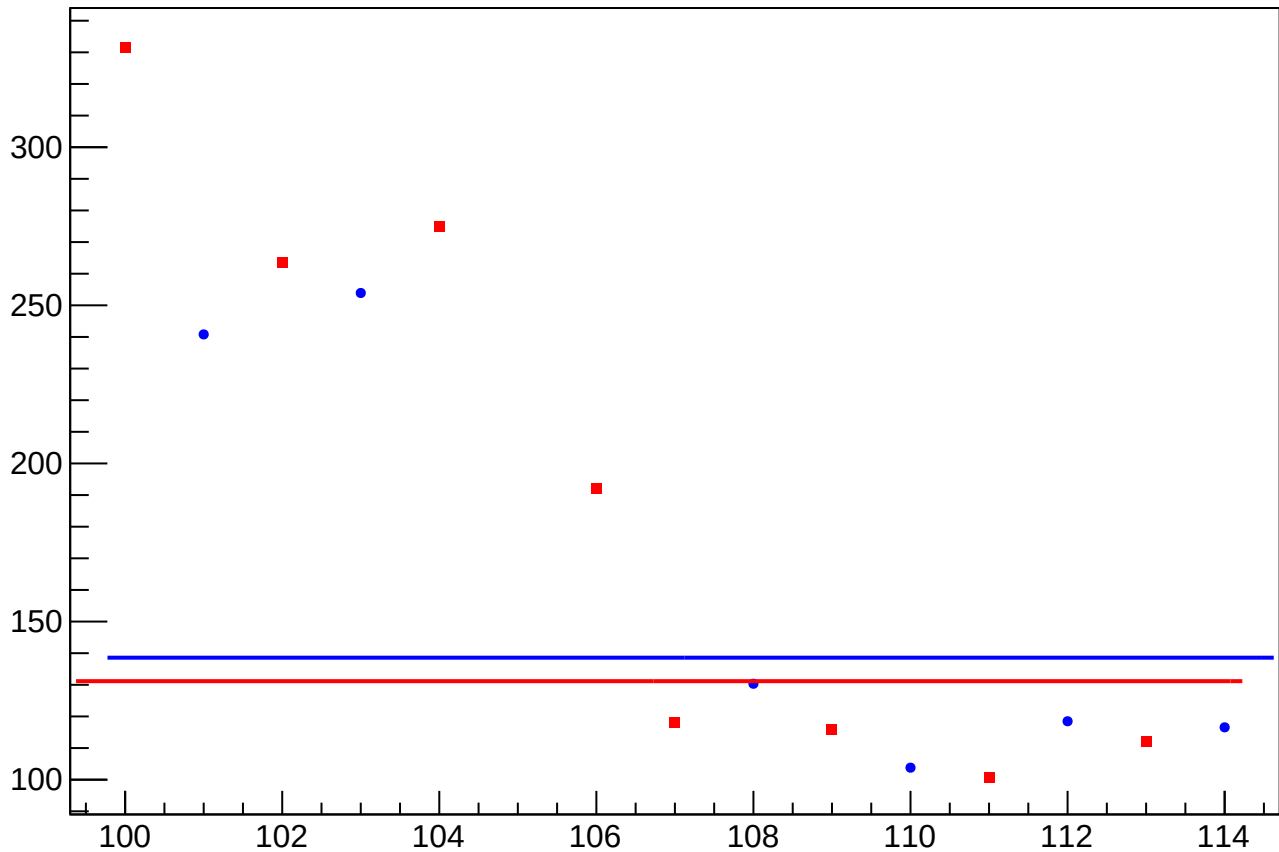
Right: -1995.859+/-60.282 χ^2/NDF : 22473.5/13

In: 1340.666+/-92.521 χ^2/NDF : 16001.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1995.859+/-60.282 χ^2/NDF : 22473.5/13

asym_bpm0i02WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

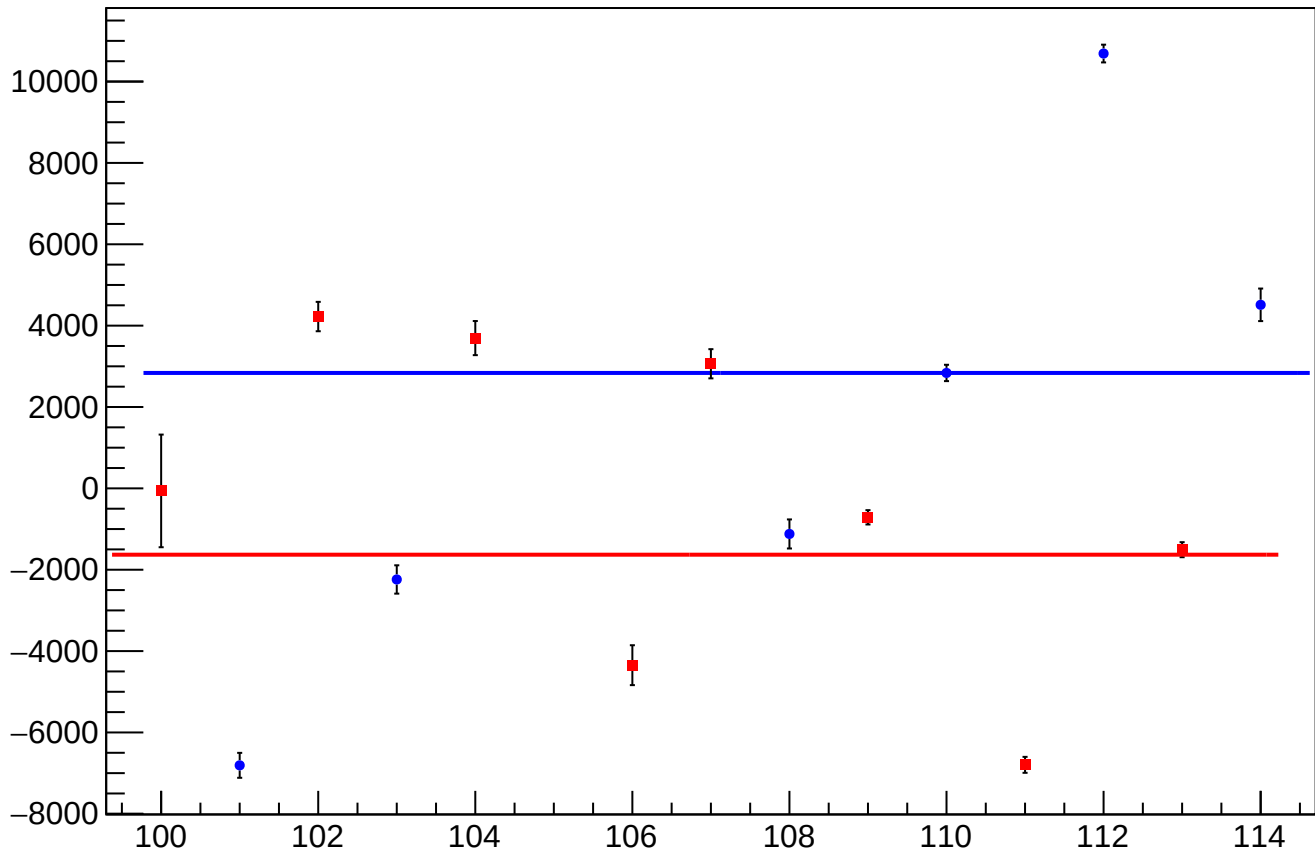
Right: 134.307 $\pm$ 0.043 χ^2 /NDF: 1421783.9/13

In: 138.582 $\pm$ 0.065 χ^2 /NDF: 594092.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.307 $\pm$ 0.043 χ^2 /NDF: 1421783.9/13

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

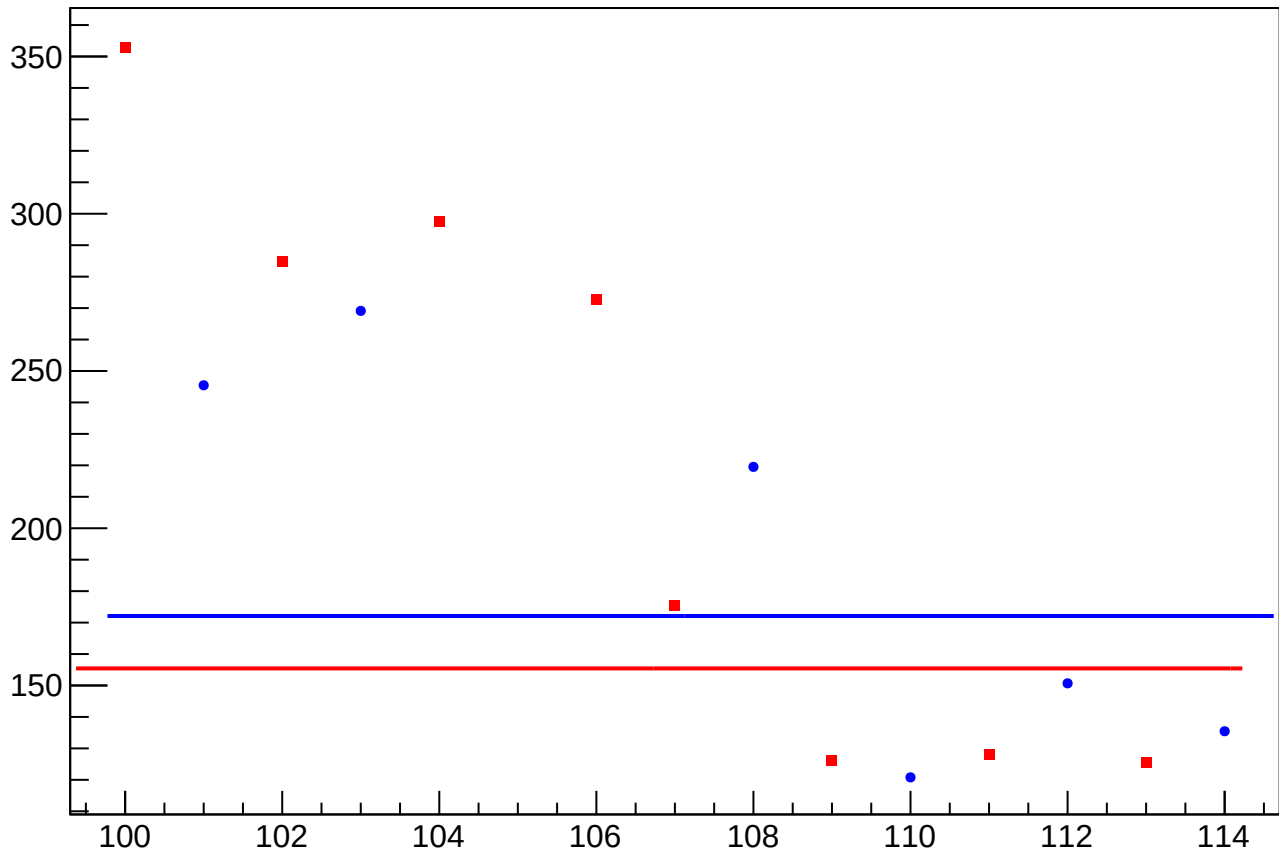
Right: 201.334+/-72.126 χ^2/NDF : 4916.0/13

In: 2837.373+/-112.643 χ^2/NDF : 2638.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.334+/-72.126 χ^2/NDF : 4916.0/13

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

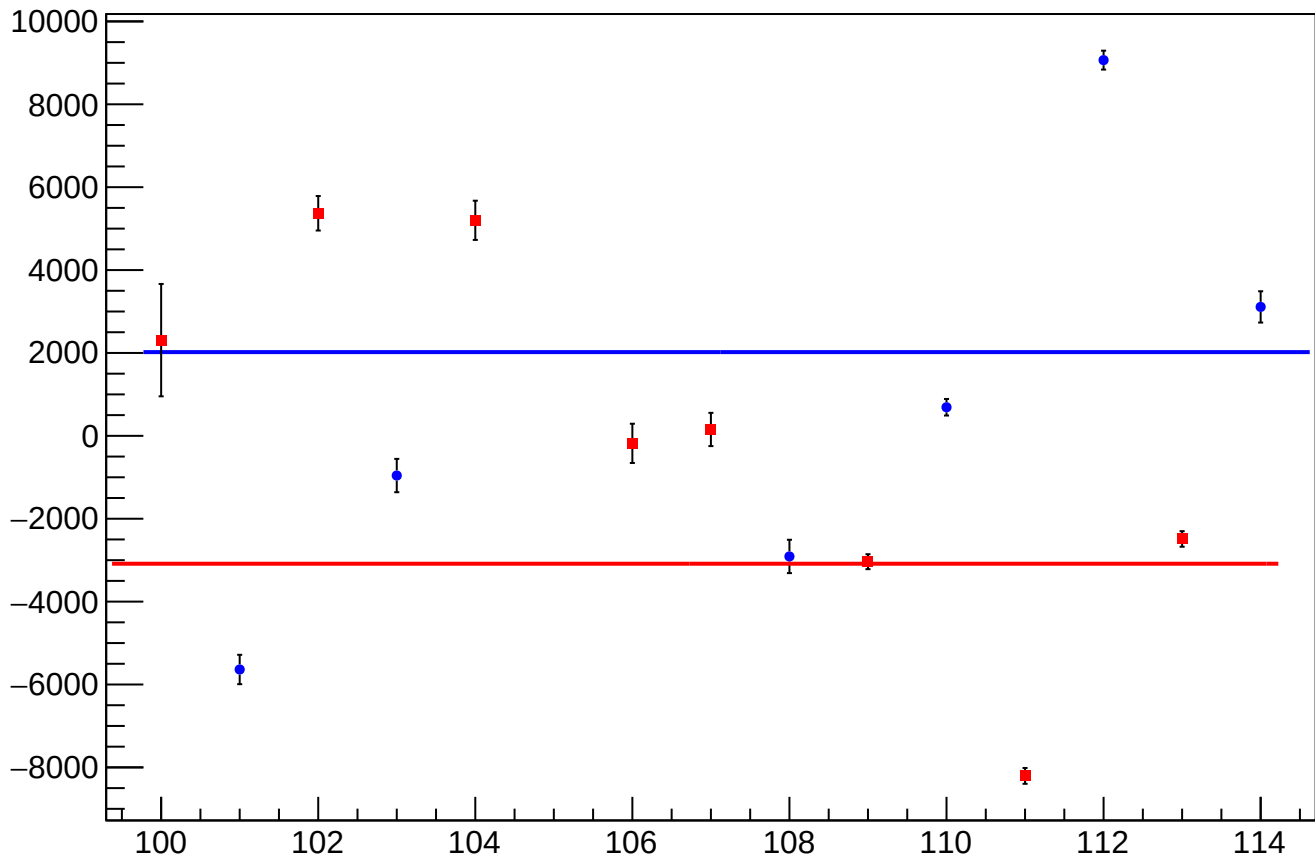
Right: 162.258+/-0.051 χ^2/NDF : 1293266.3/13

In: 172.093+/-0.080 χ^2/NDF : 471673.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.258+/-0.051 χ^2/NDF : 1293266.3/13

asym_bpm0i05WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

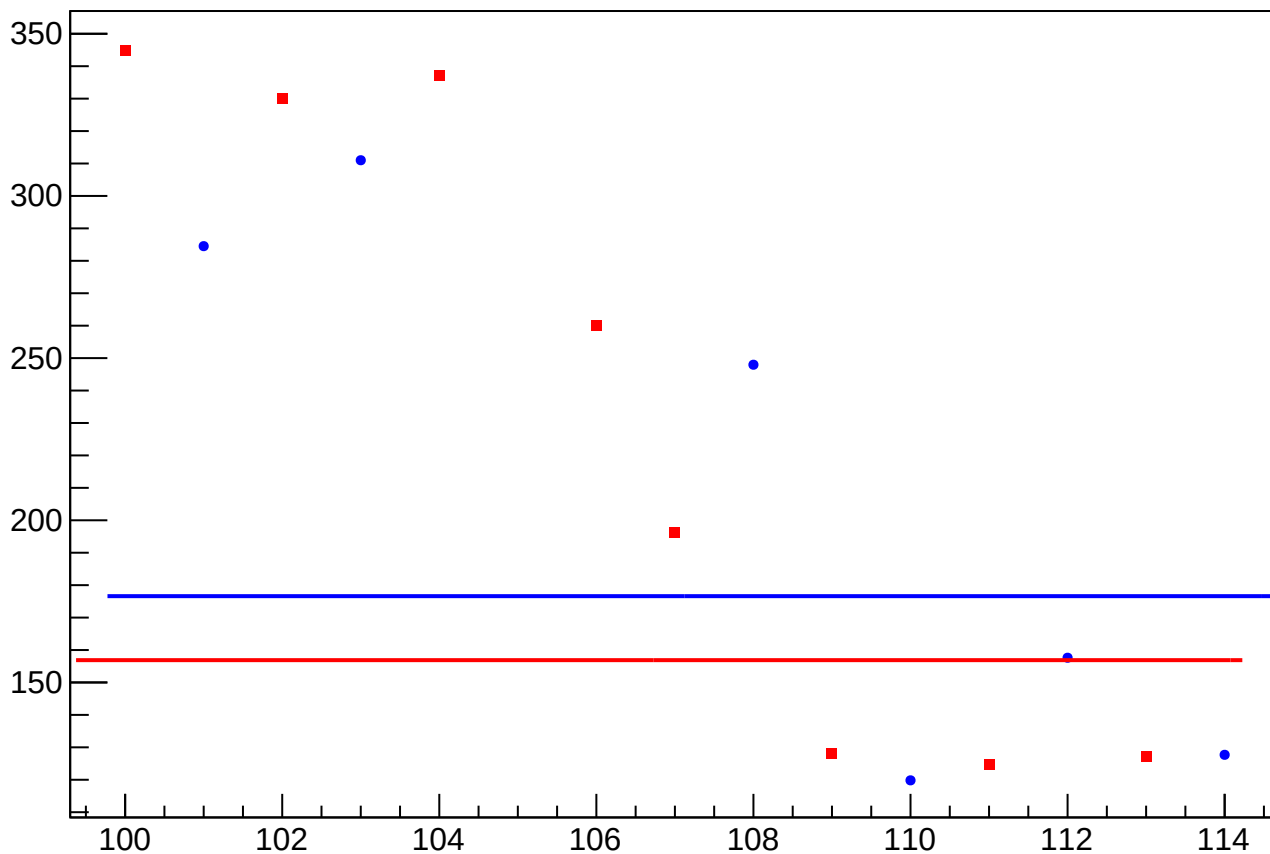
Right: -1049.691+/-74.604 χ^2/NDF : 4371.1/13

In: 2020.353+/-118.145 χ^2/NDF : 1680.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1049.691+/-74.604 χ^2/NDF : 4371.1/13

asym_bpm0i05WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

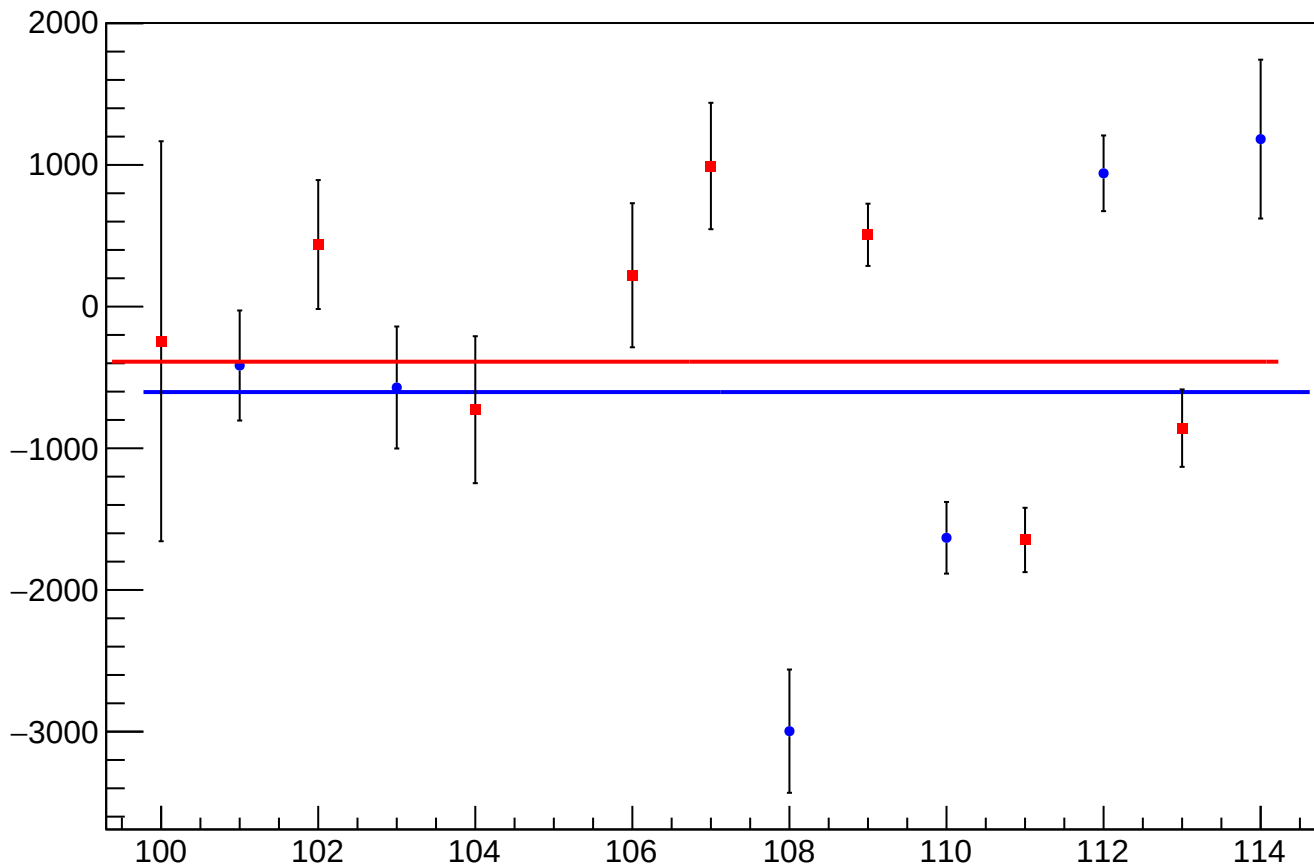
Right: 164.745 $\pm$ 0.053 χ^2 /NDF: 1661839.0/13

In: 176.608 $\pm$ 0.084 χ^2 /NDF:680826.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.745 $\pm$ 0.053 χ^2 /NDF: 1661839.0/13

asym_bpm0i07WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

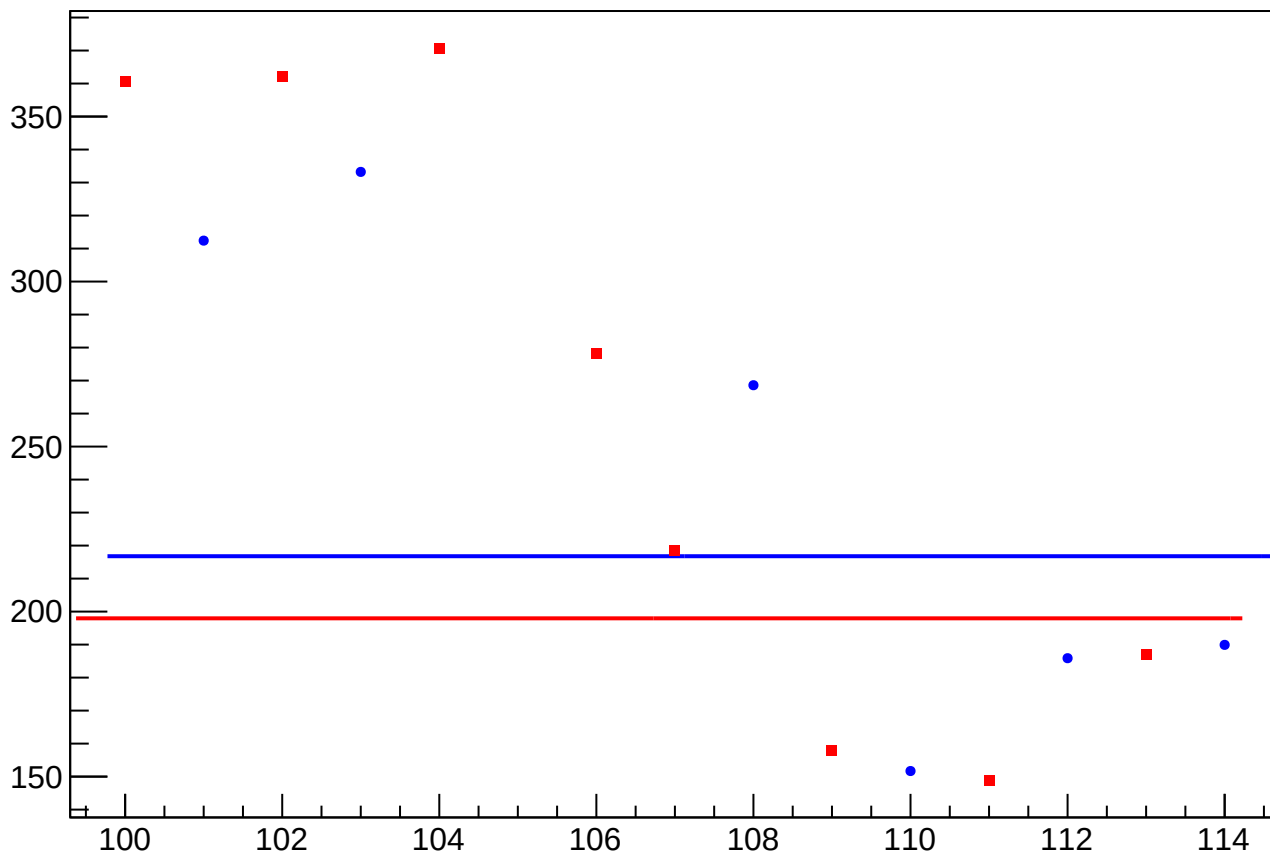
Right: -477.264+/-90.689 χ^2 /NDF: 157.0/13

In: -603.257+/-141.231 χ^2 /NDF:90.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -477.264+/-90.689 χ^2 /NDF: 157.0/13

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 216.779+/-0.100 χ^2/NDF : 459778.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.957+/-0.084 χ^2/NDF : 724670.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

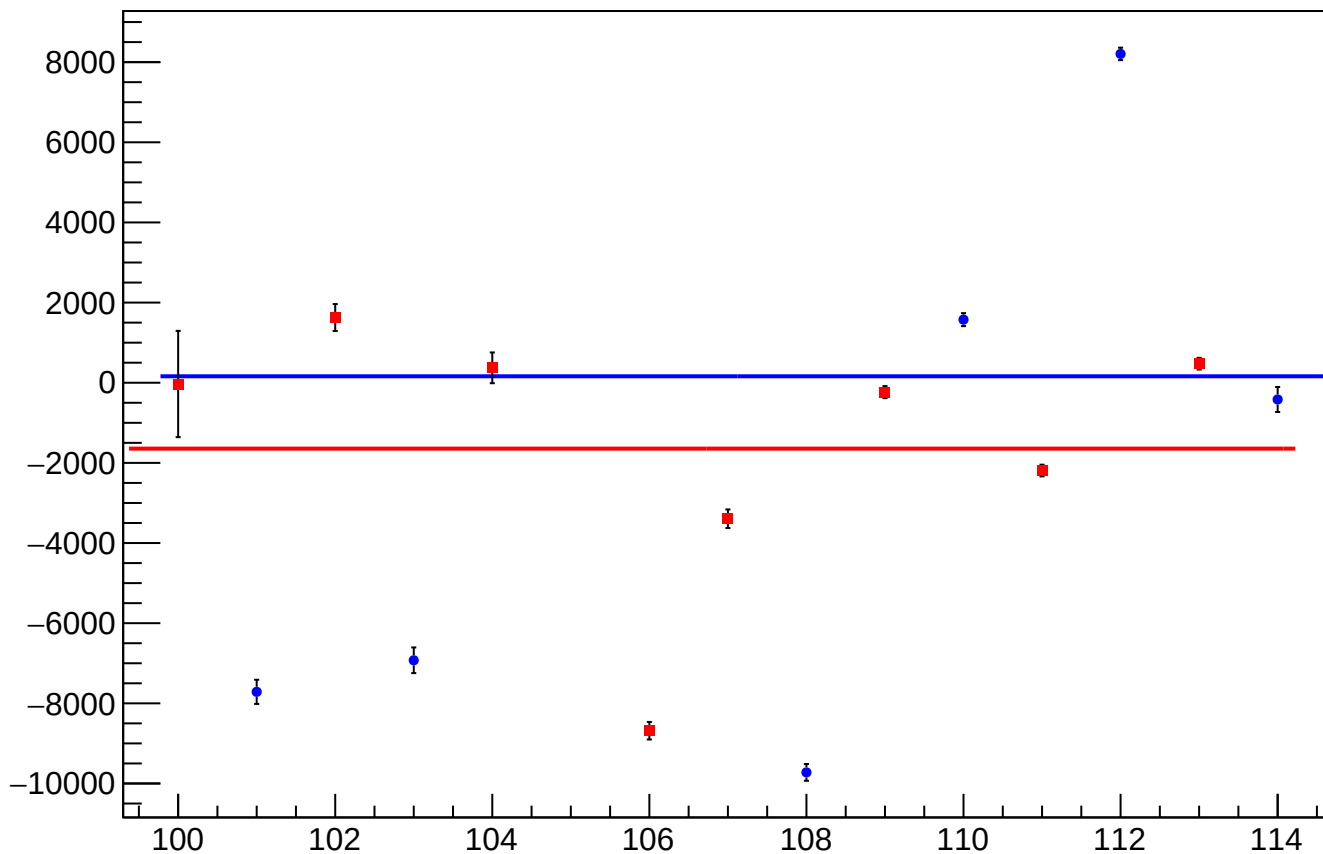
Right: 205.718+/-0.064 χ^2/NDF : 1205323.9/13

In: 216.779+/-0.100 χ^2/NDF : 459778.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.718+/-0.064 χ^2/NDF : 1205323.9/13

asym_bpm1i02WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

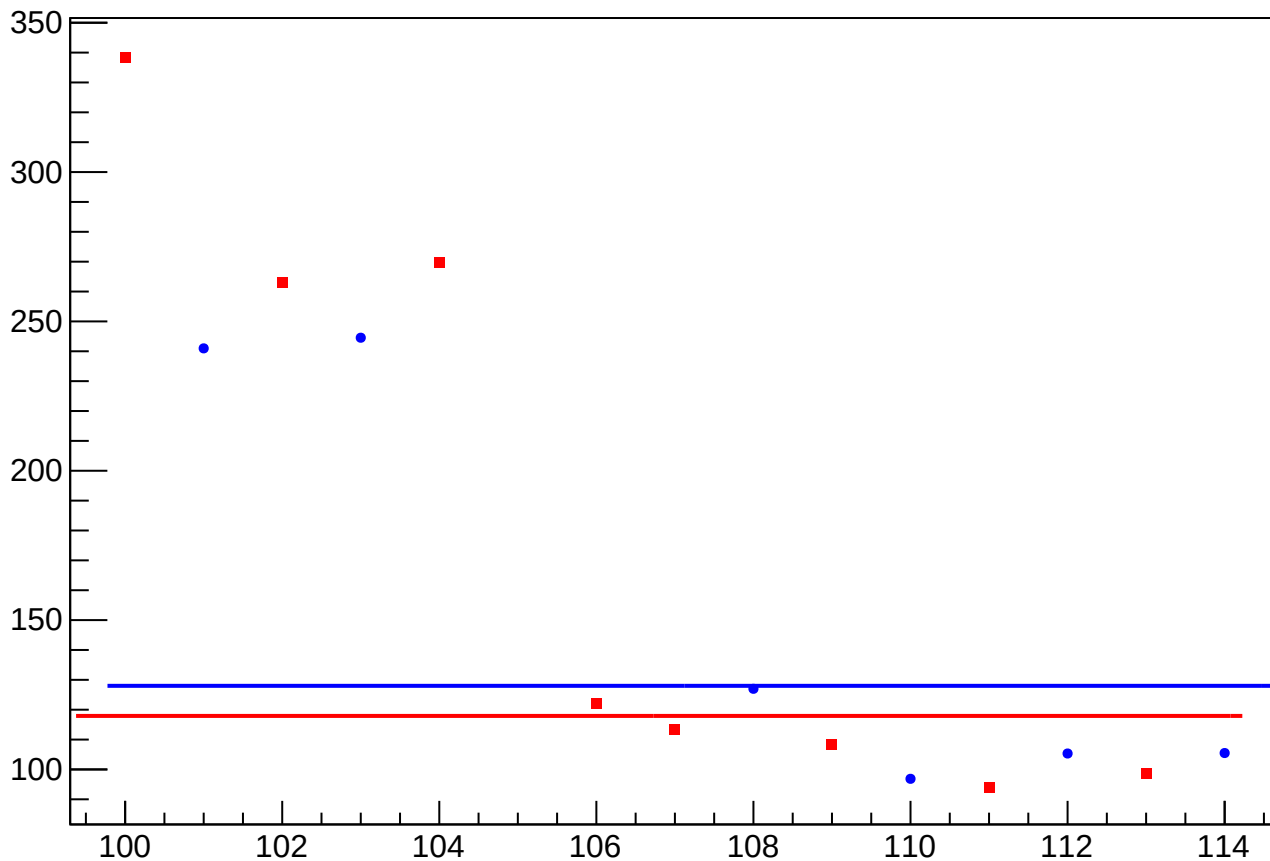
Right: -908.547+/-55.316 χ^2/NDF : 7930.8/13

In: 161.078+/-86.668 χ^2/NDF : 6147.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.547+/-55.316 χ^2/NDF : 7930.8/13

asym_bpm1i02WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

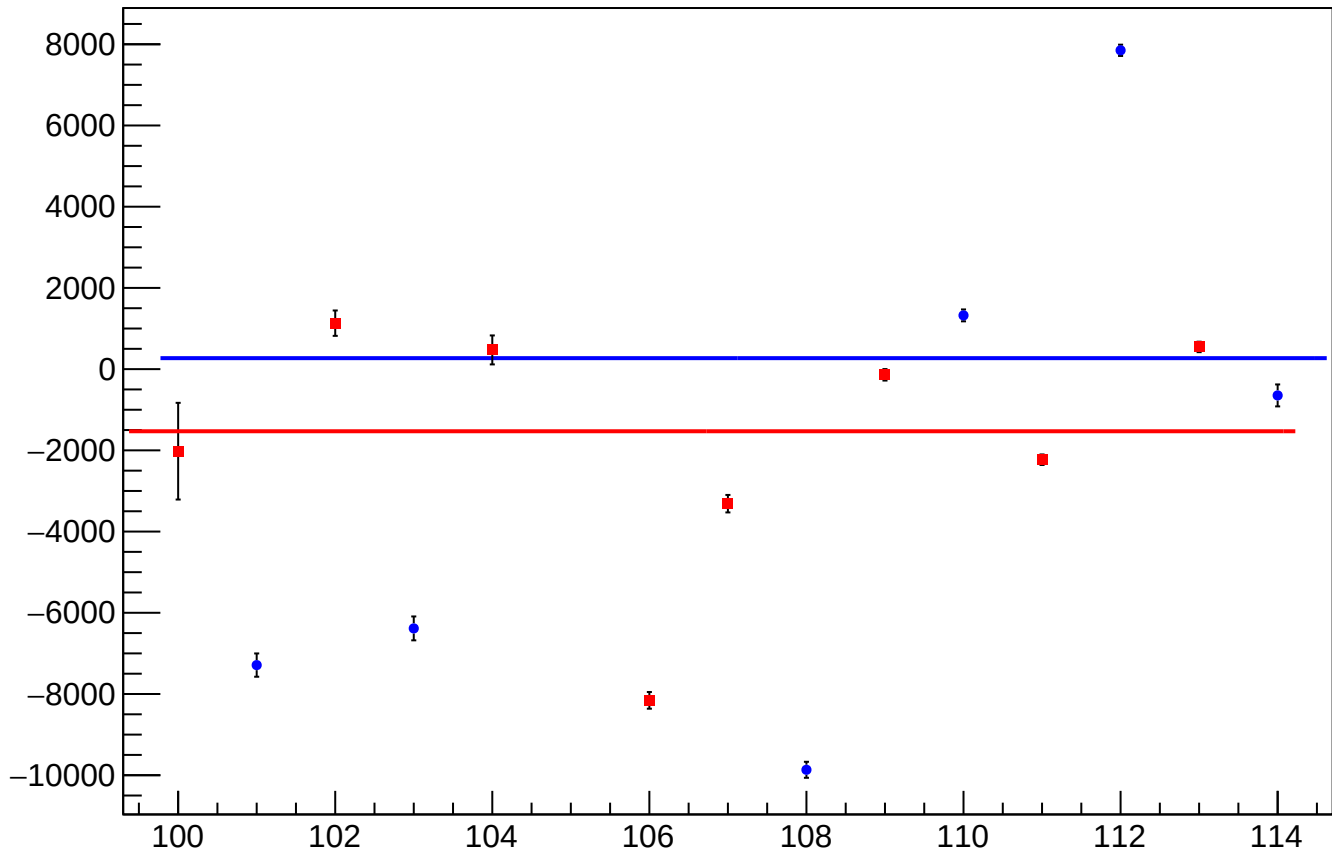
Right: 122.024 $\pm$ 0.039 χ^2 /NDF: 1528891.3/13

In: 127.994 $\pm$ 0.061 χ^2 /NDF:671427.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 122.024 $\pm$ 0.039 χ^2 /NDF: 1528891.3/13

asym_bpm2i01WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

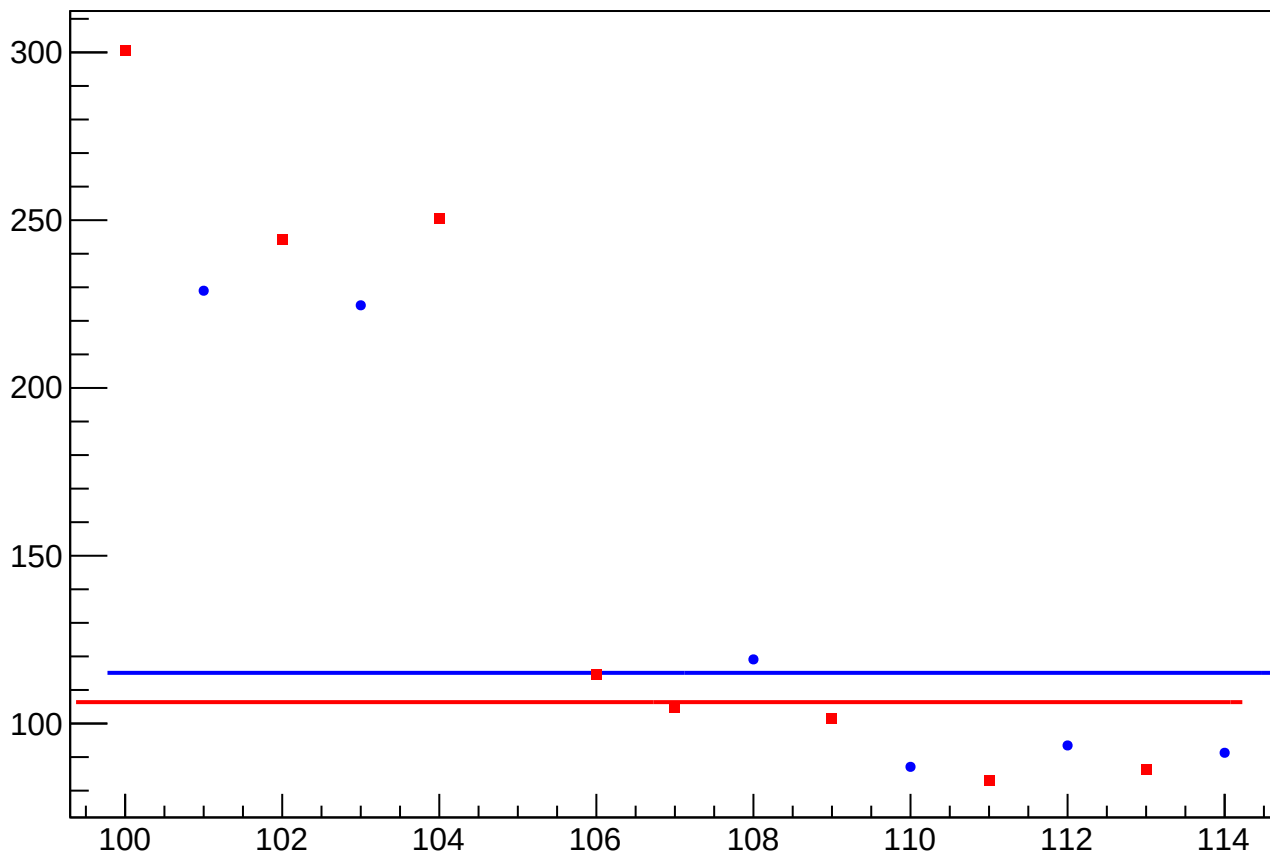
Right: -794.846+/-50.246 χ^2/NDF : 8813.0/13

In: 270.415+/-78.638 χ^2/NDF : 6901.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -794.846+/-50.246 χ^2/NDF : 8813.0/13

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 115.104+/-0.056 χ^2/NDF : 731088.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.376+/-0.046 χ^2/NDF : 888418.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

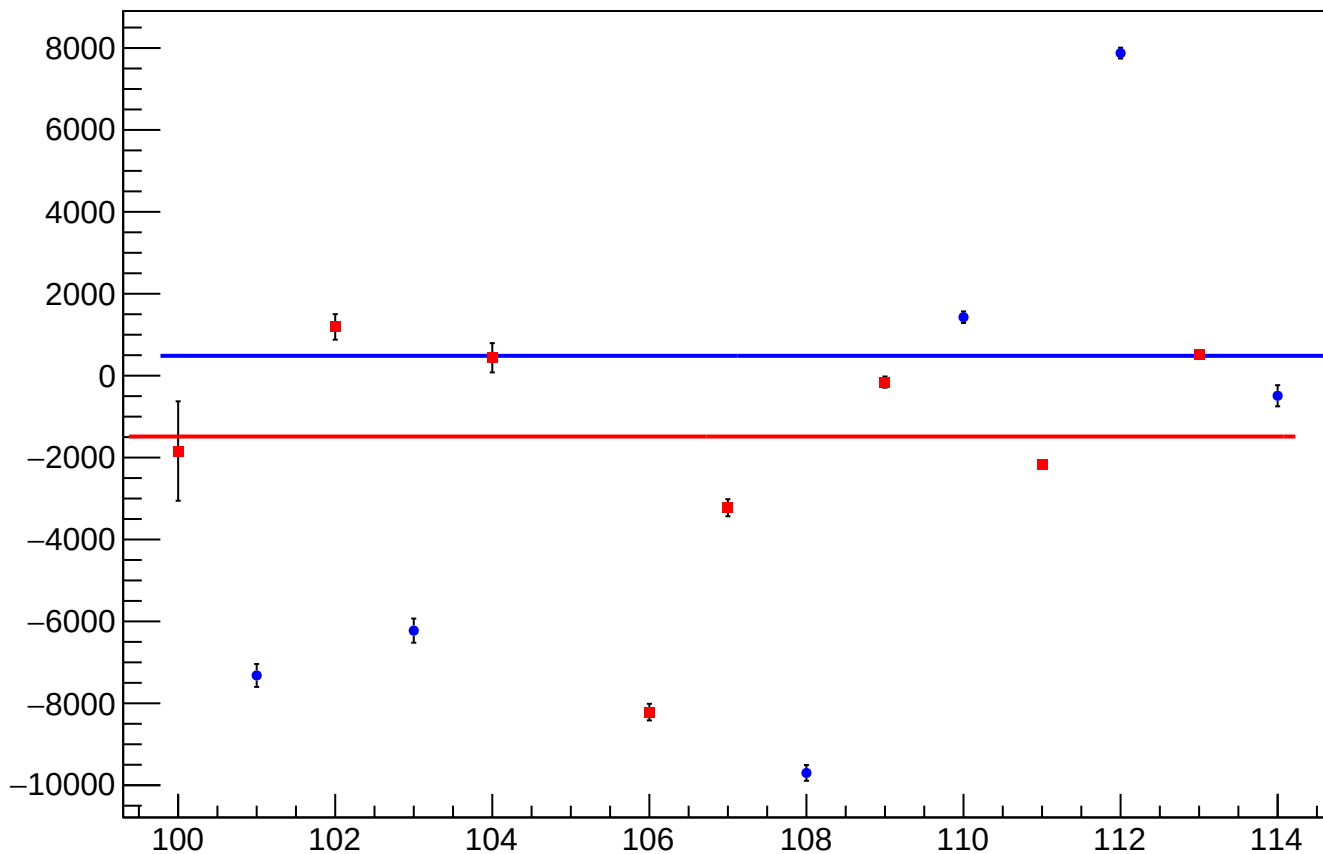
Right: 109.939+/-0.036 χ^2/NDF : 1634086.5/13

In: 115.104+/-0.056 χ^2/NDF : 731088.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.939+/-0.036 χ^2/NDF : 1634086.5/13

asym_bpm2i02WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

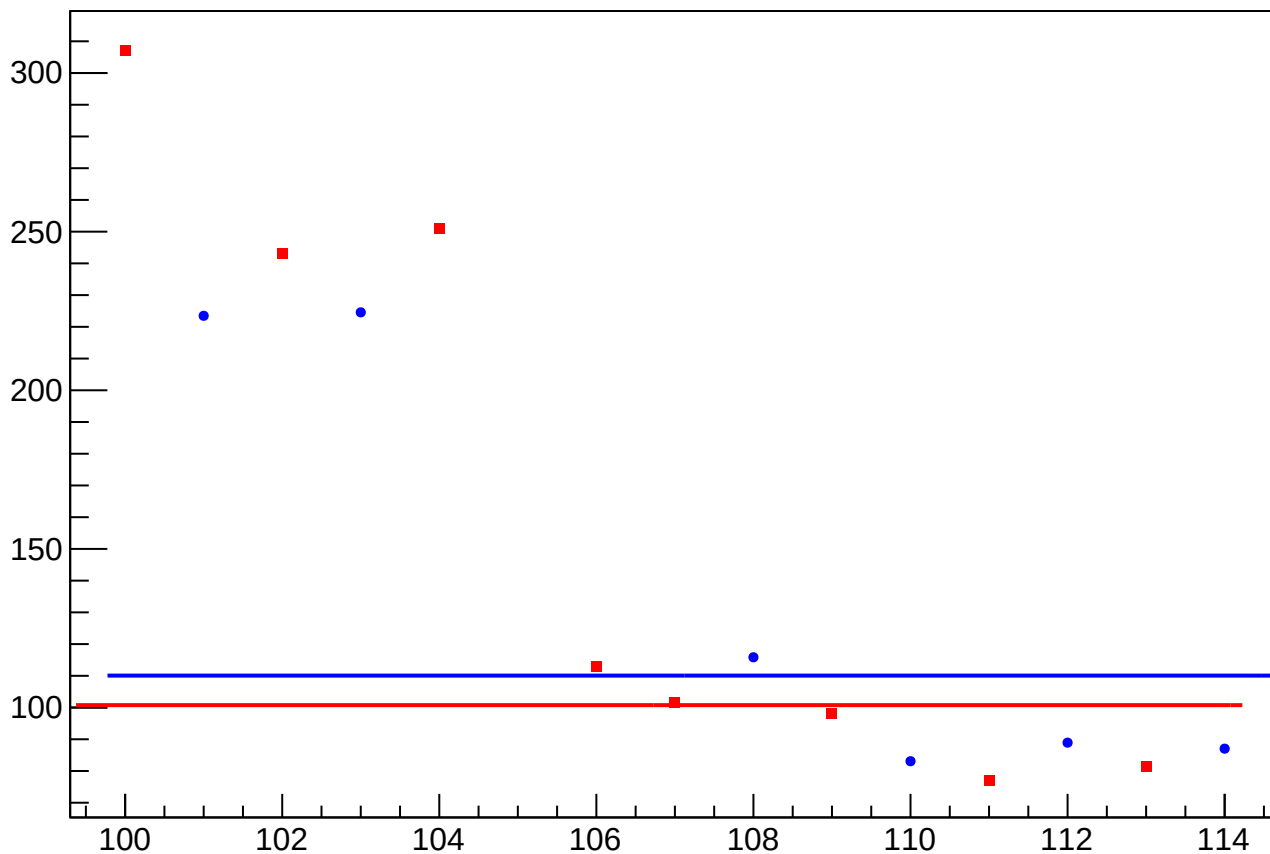
Right: -688.699+/-48.183 χ^2/NDF : 9353.8/13

In: 484.655+/-75.753 χ^2/NDF : 7278.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -688.699+/-48.183 χ^2/NDF : 9353.8/13

asym_bpm2i02WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

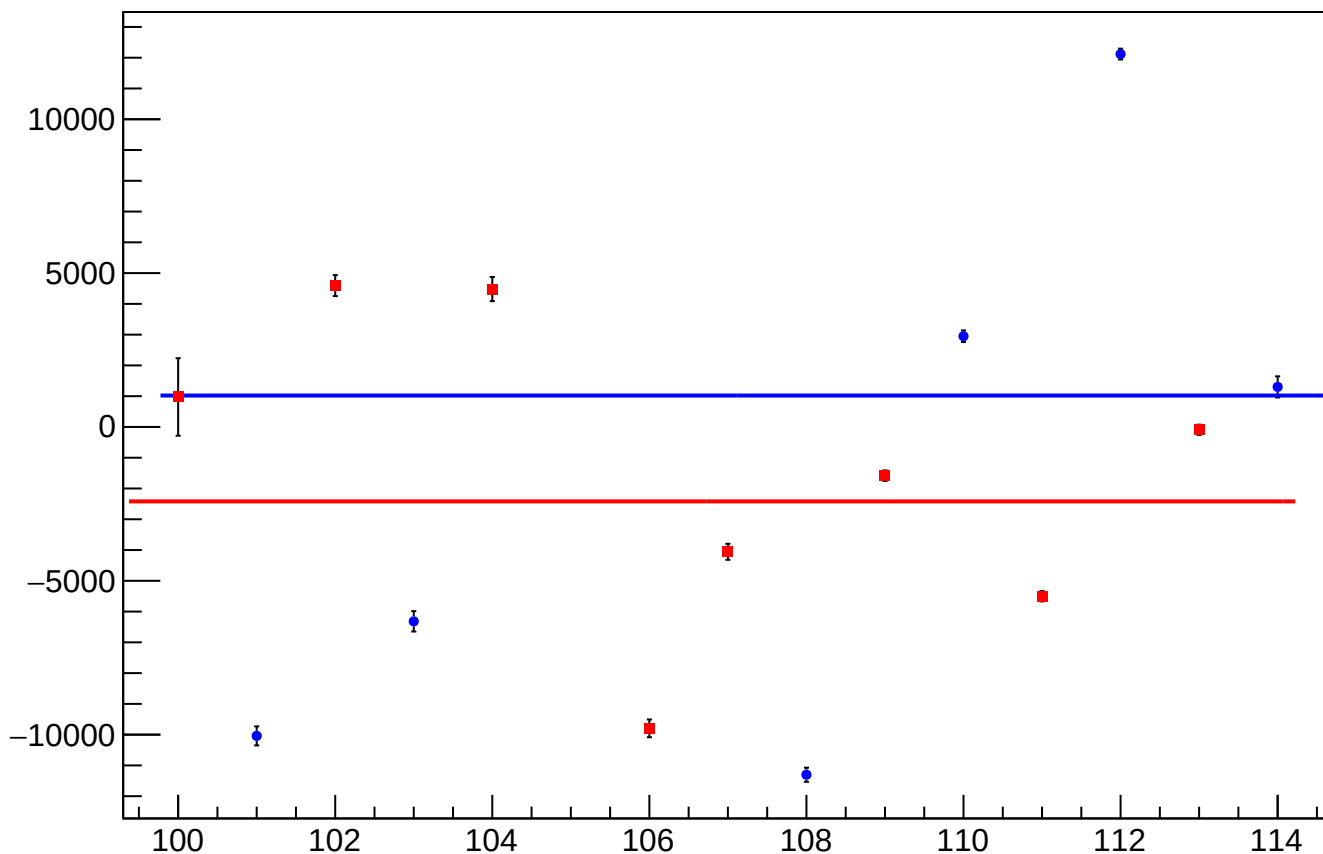
Right: 104.524+/-0.034 χ^2/NDF : 1757733.8/13

In: 110.067+/-0.054 χ^2/NDF : 772792.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.524+/-0.034 χ^2/NDF : 1757733.8/13

asym_bpm0i01WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

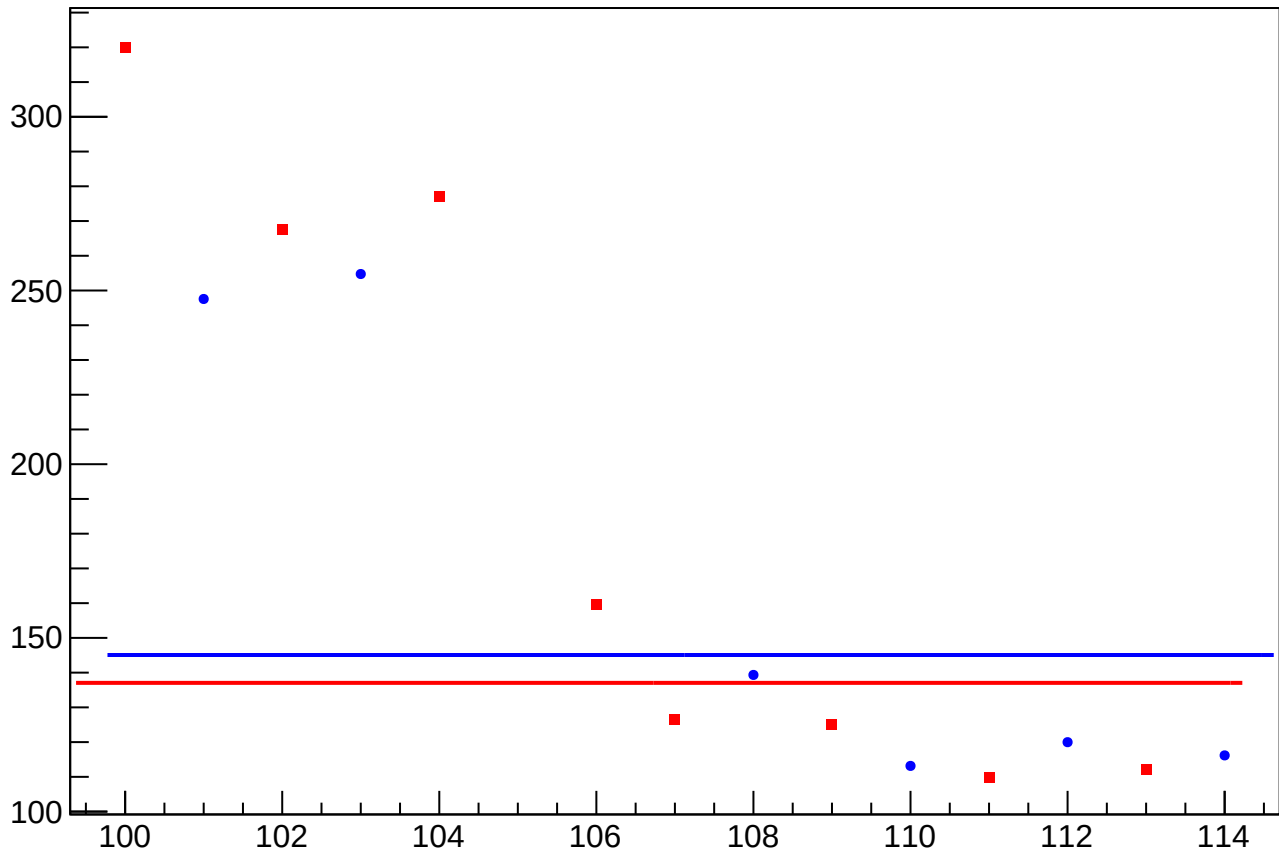
Right: -966.763+/-62.604 χ^2 /NDF: 11474.6/13

In: 1021.027+/-96.346 χ^2 /NDF:8759.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -966.763+/-62.604 χ^2 /NDF: 11474.6/13

asym_bpm0i01WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

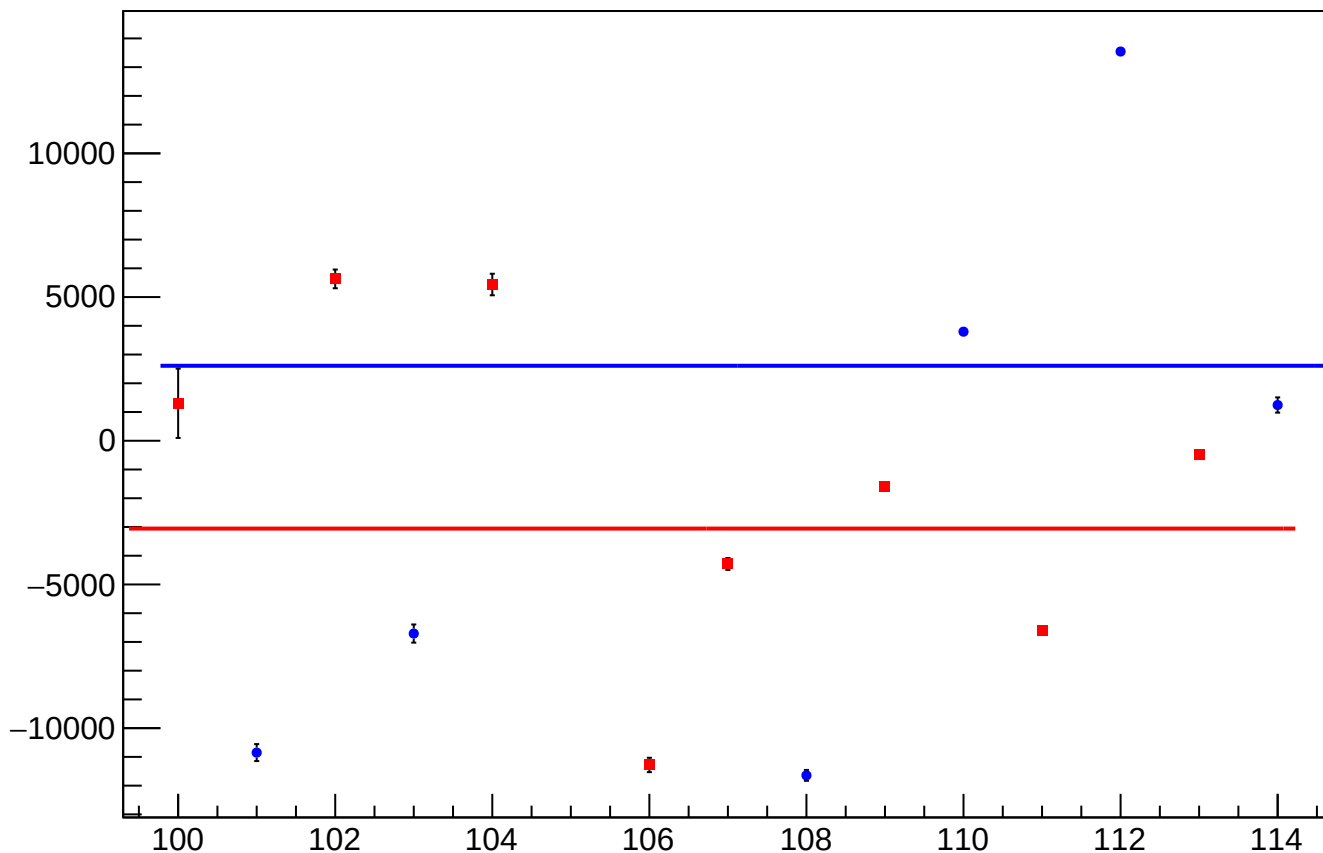
Right: 140.442+/-0.044 χ^2/NDF : 1269916.7/13

In: 145.076+/-0.068 χ^2/NDF : 552366.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.442+/-0.044 χ^2/NDF : 1269916.7/13

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

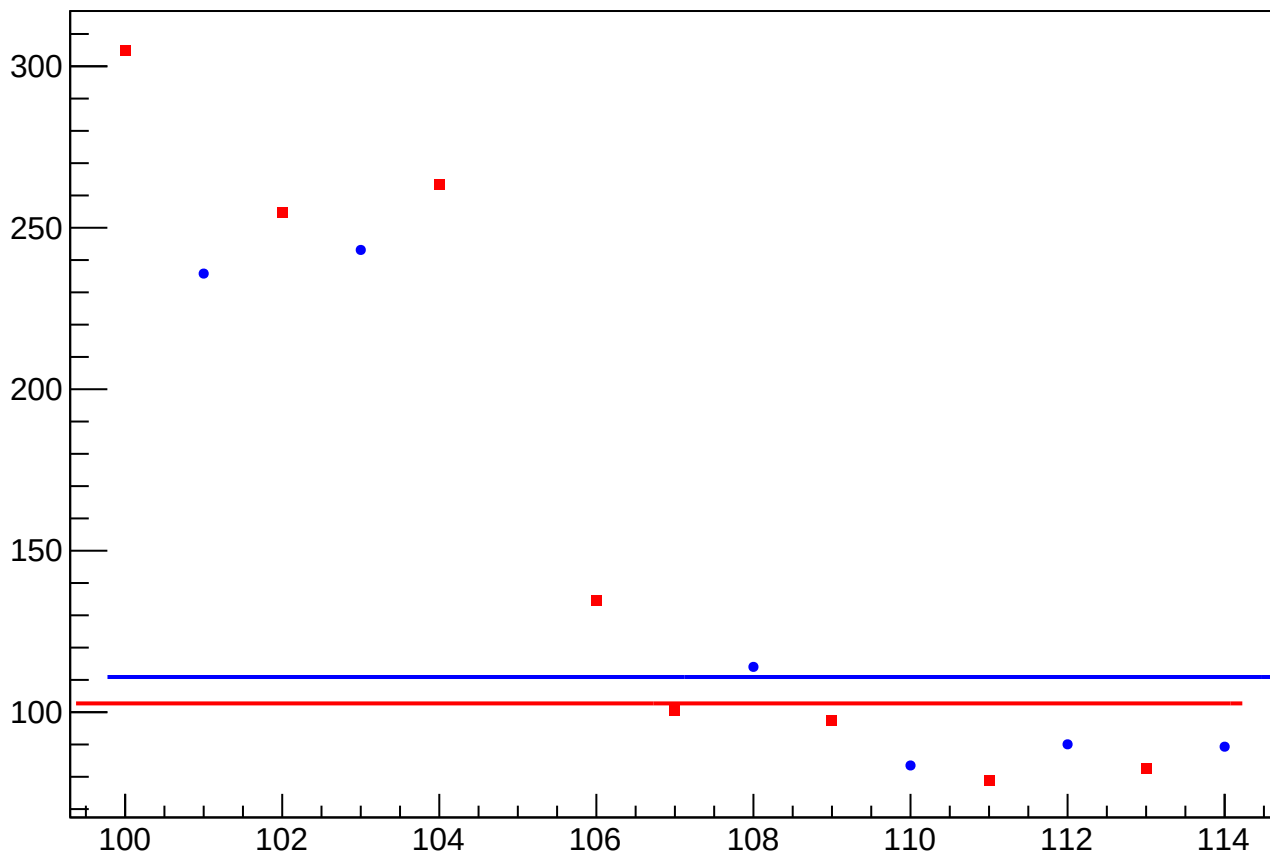
Right: -724.110+/-49.276 χ^2/NDF : 22309.4/13

In: 2609.164+/-76.810 χ^2/NDF : 15365.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -724.110+/-49.276 χ^2/NDF : 22309.4/13

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 110.898+/-0.054 χ^2/NDF : 844795.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.722+/-0.045 χ^2/NDF : 1024590.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

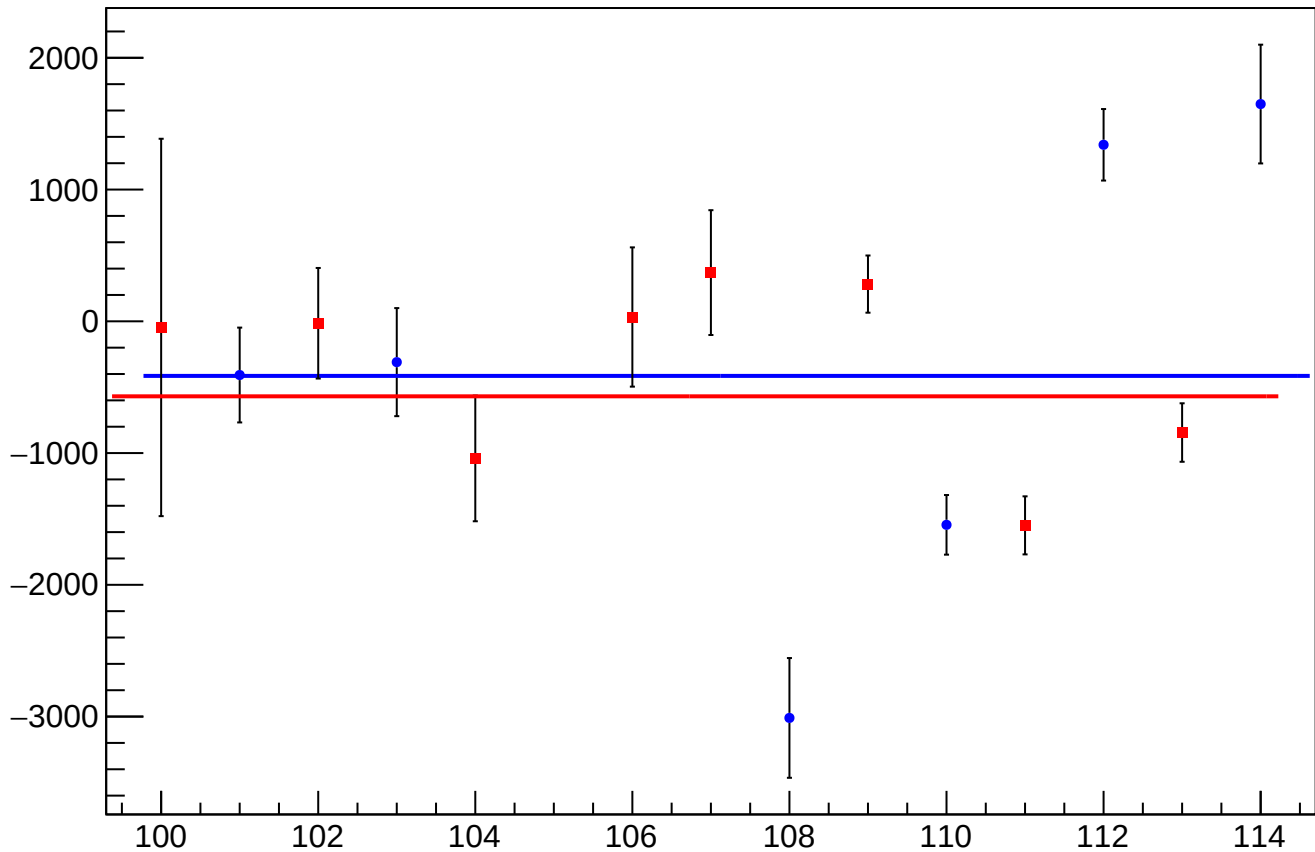
Right: 106.087+/-0.035 χ^2/NDF : 1882722.3/13

In: 110.898+/-0.054 χ^2/NDF : 844795.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.087+/-0.035 χ^2/NDF : 1882722.3/13

asym_bpm0l01WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

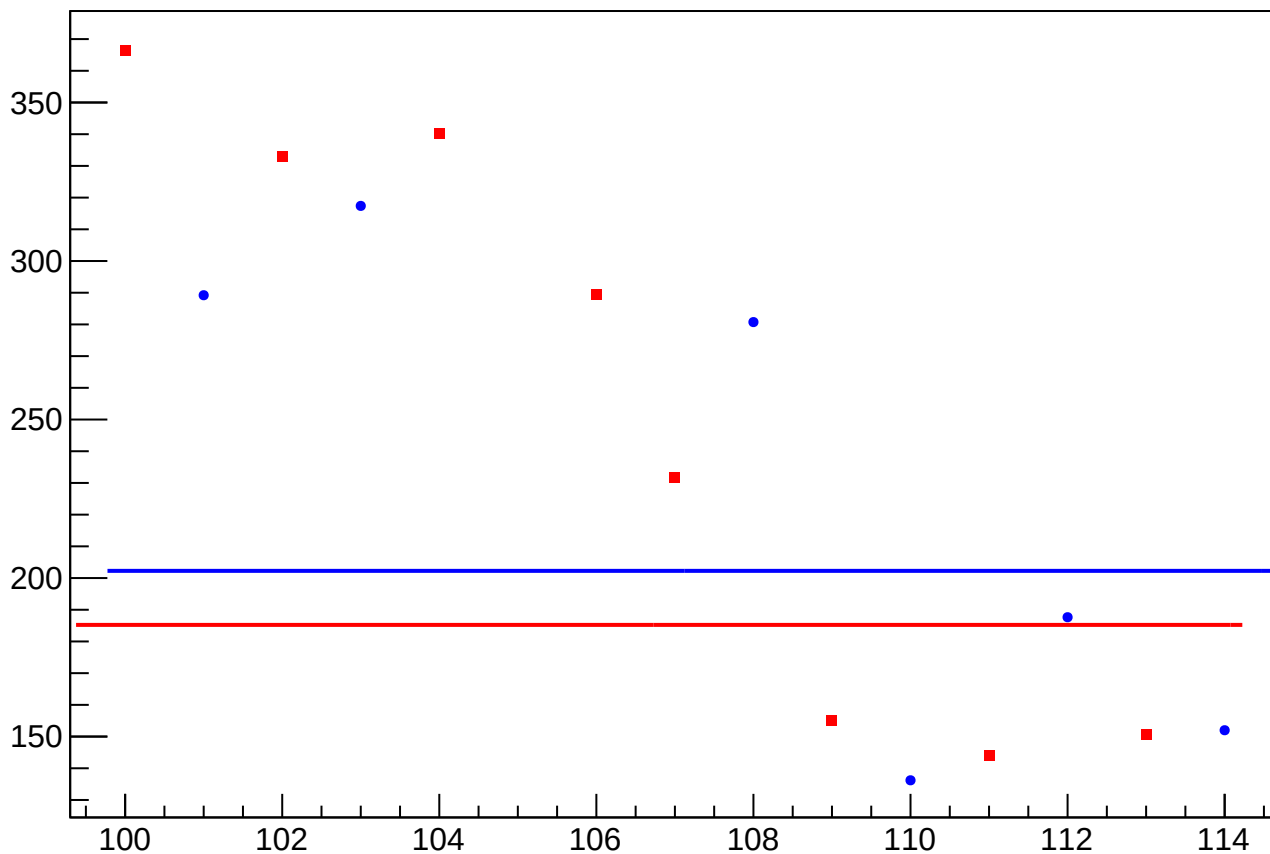
Right: -505.482+/-85.356 χ^2/NDF : 165.9/13

In: -414.277+/-133.009 χ^2/NDF : 120.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -505.482+/-85.356 χ^2/NDF : 165.9/13

asym_bpm0l01WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

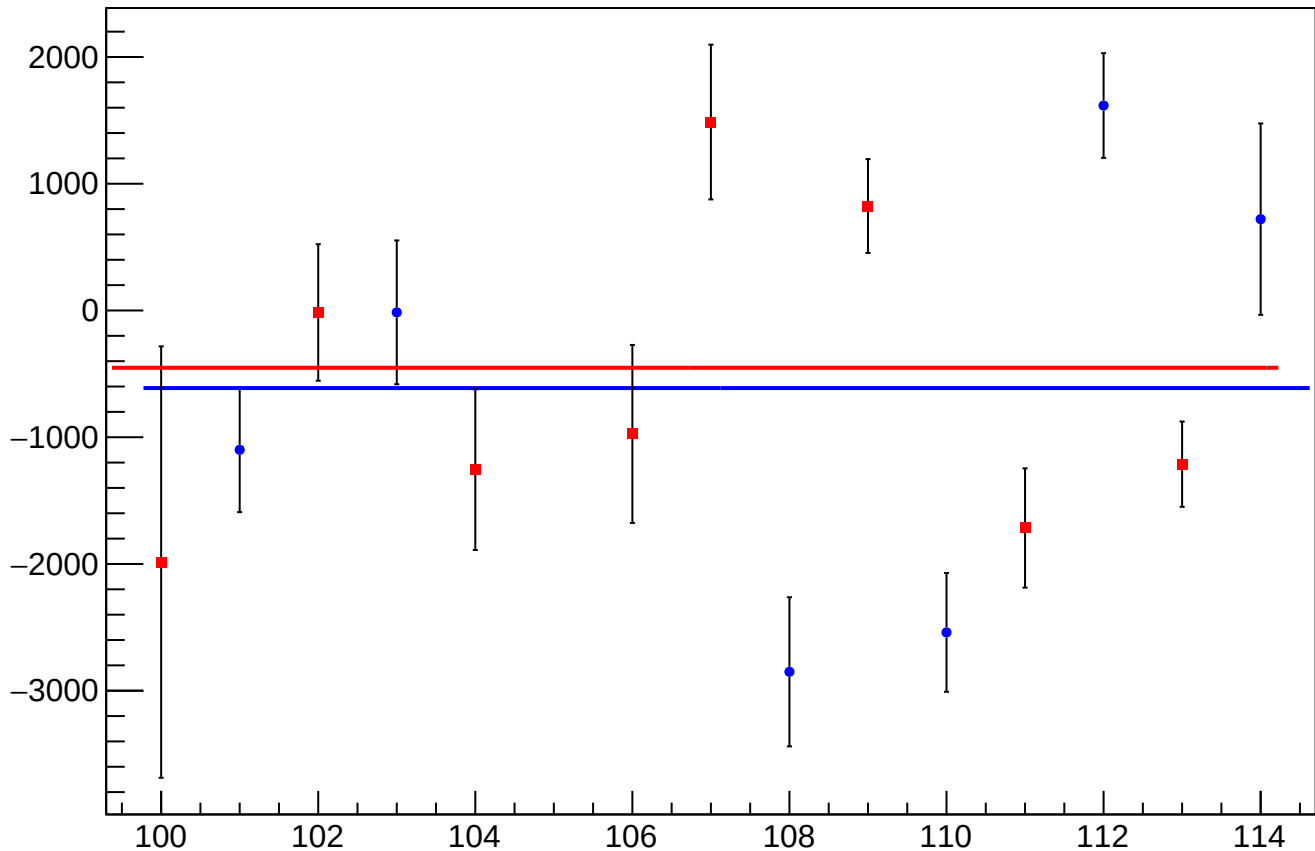
Right: 192.243+/-0.060 χ^2/NDF : 1299017.4/13

In: 202.268+/-0.094 χ^2/NDF : 534969.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.243+/-0.060 χ^2/NDF : 1299017.4/13

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -612.204+/-211.748 χ^2/NDF : 65.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -451.864+/-177.816 χ^2/NDF : 37.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

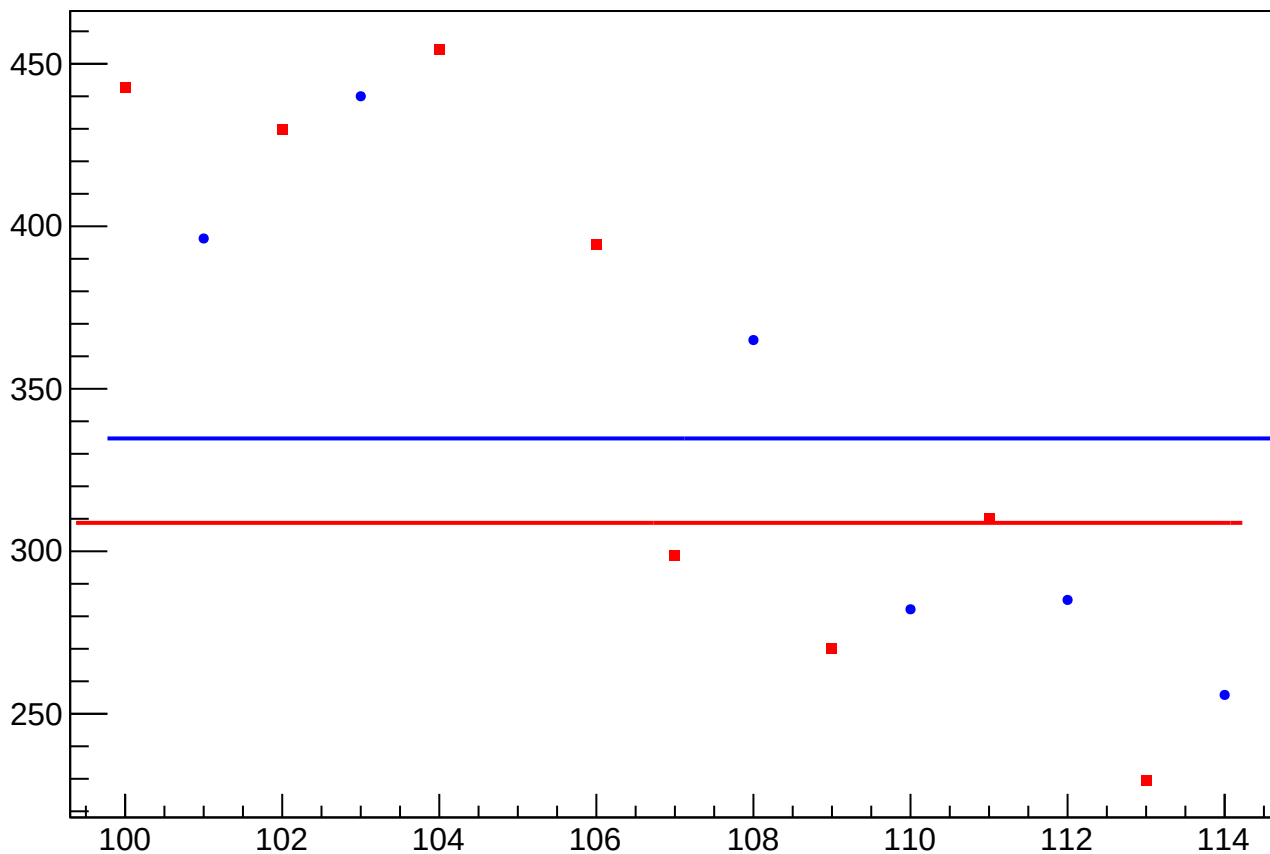
Right: -518.173+/-136.171 χ^2/NDF : 104.0/13

In: -612.204+/-211.748 χ^2/NDF : 65.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.173+/-136.171 χ^2/NDF : 104.0/13

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 334.725+/-0.150 χ^2/NDF : 181470.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 308.755+/-0.126 χ^2/NDF : 381737.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

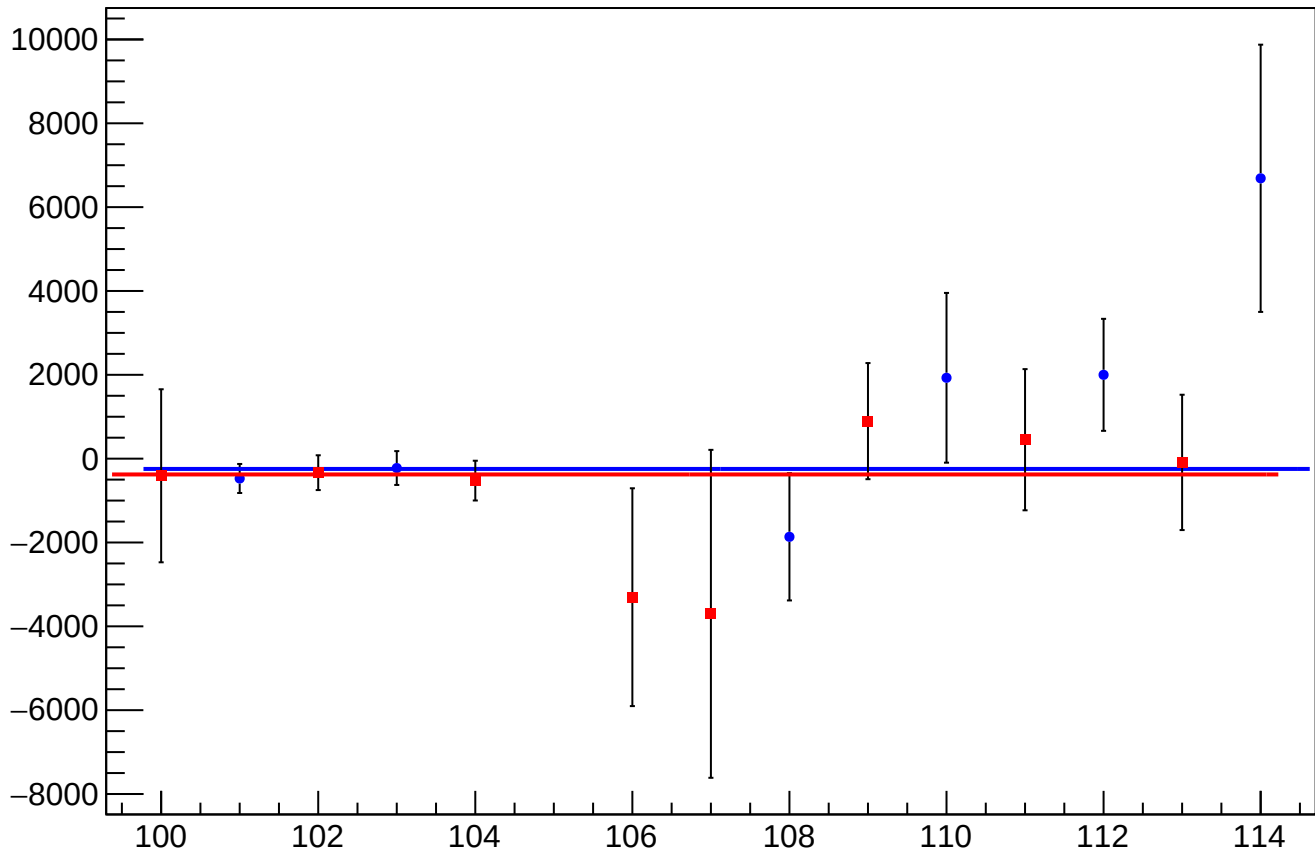
Right: 319.495+/-0.096 χ^2/NDF : 580850.8/13

In: 334.725+/-0.150 χ^2/NDF : 181470.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.495+/-0.096 χ^2/NDF : 580850.8/13

asym_bpm0l03WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

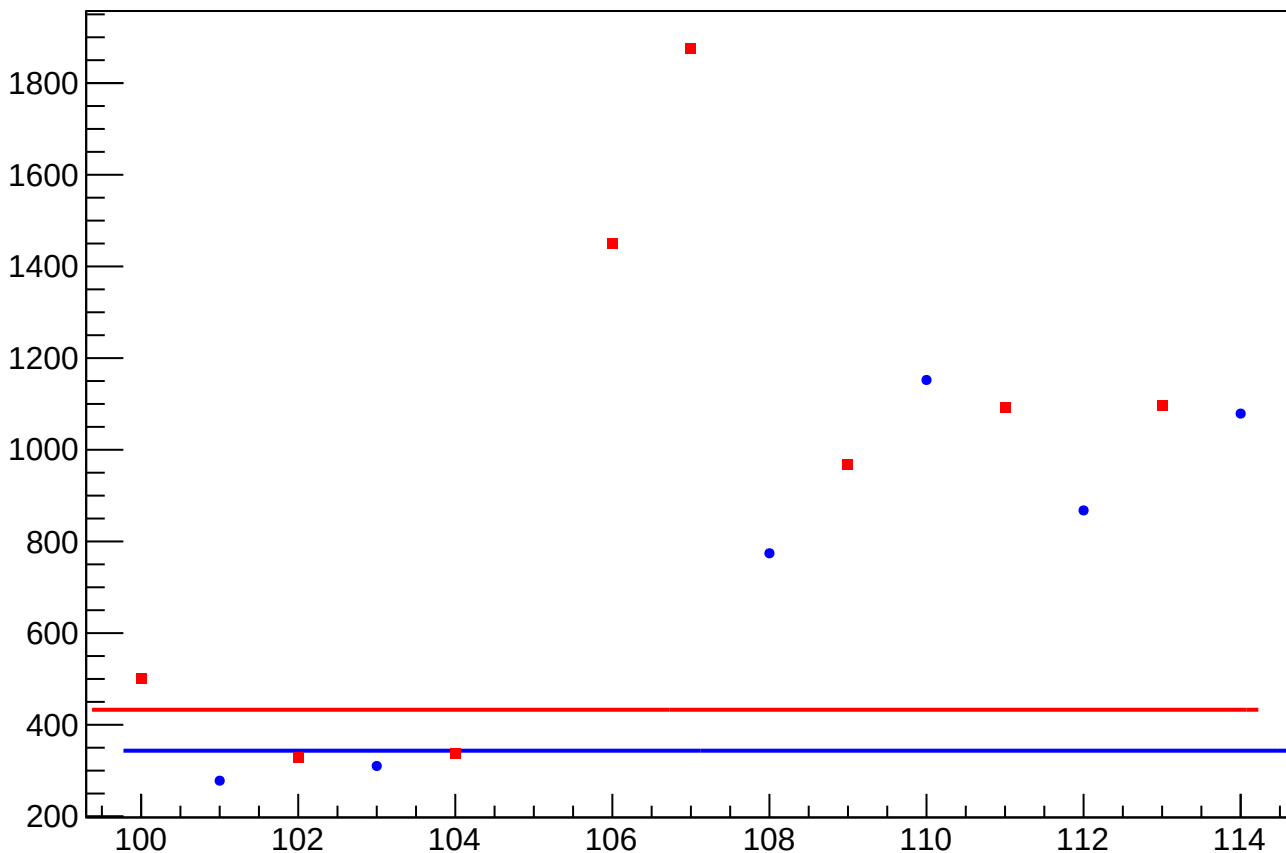
Right: -301.931+/-189.750 χ^2/NDF : 13.6/13

In: -245.269+/-251.438 χ^2/NDF : 10.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -301.931+/-189.750 χ^2/NDF : 13.6/13

asym_bpm0l03WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

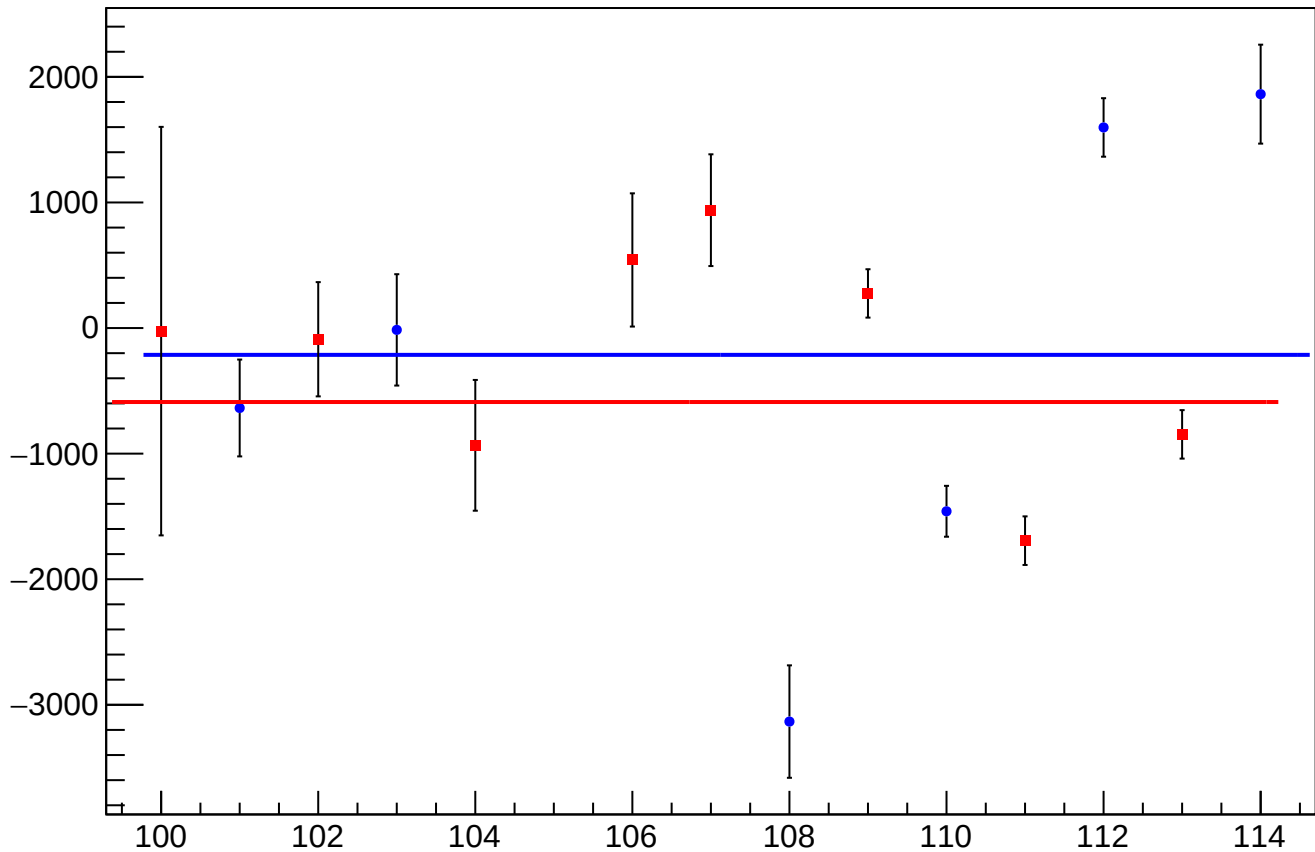
Right: 381.941+/-0.134 χ^2/NDF : 2815783.4/13

In: 343.491+/-0.178 χ^2/NDF : 979758.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.941+/-0.134 χ^2/NDF : 2815783.4/13

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -213.500+/-123.055 χ^2 /NDF: 169.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -589.007+/-100.994 χ^2 /NDF: 72.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

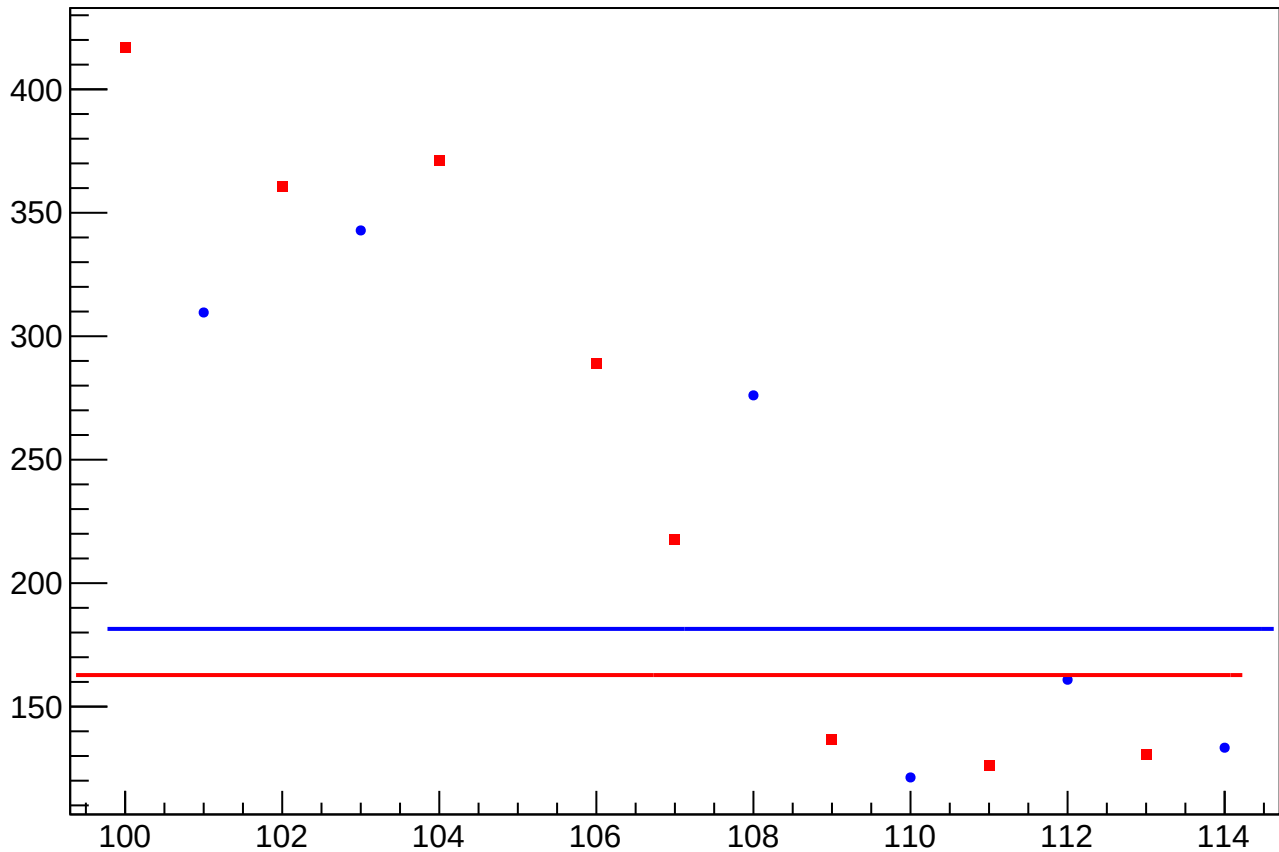
Right: -437.873+/-78.068 χ^2 /NDF: 248.1/13

In: -213.500+/-123.055 χ^2 /NDF:169.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -437.873+/-78.068 χ^2 /NDF: 248.1/13

asym_bpm0l04WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

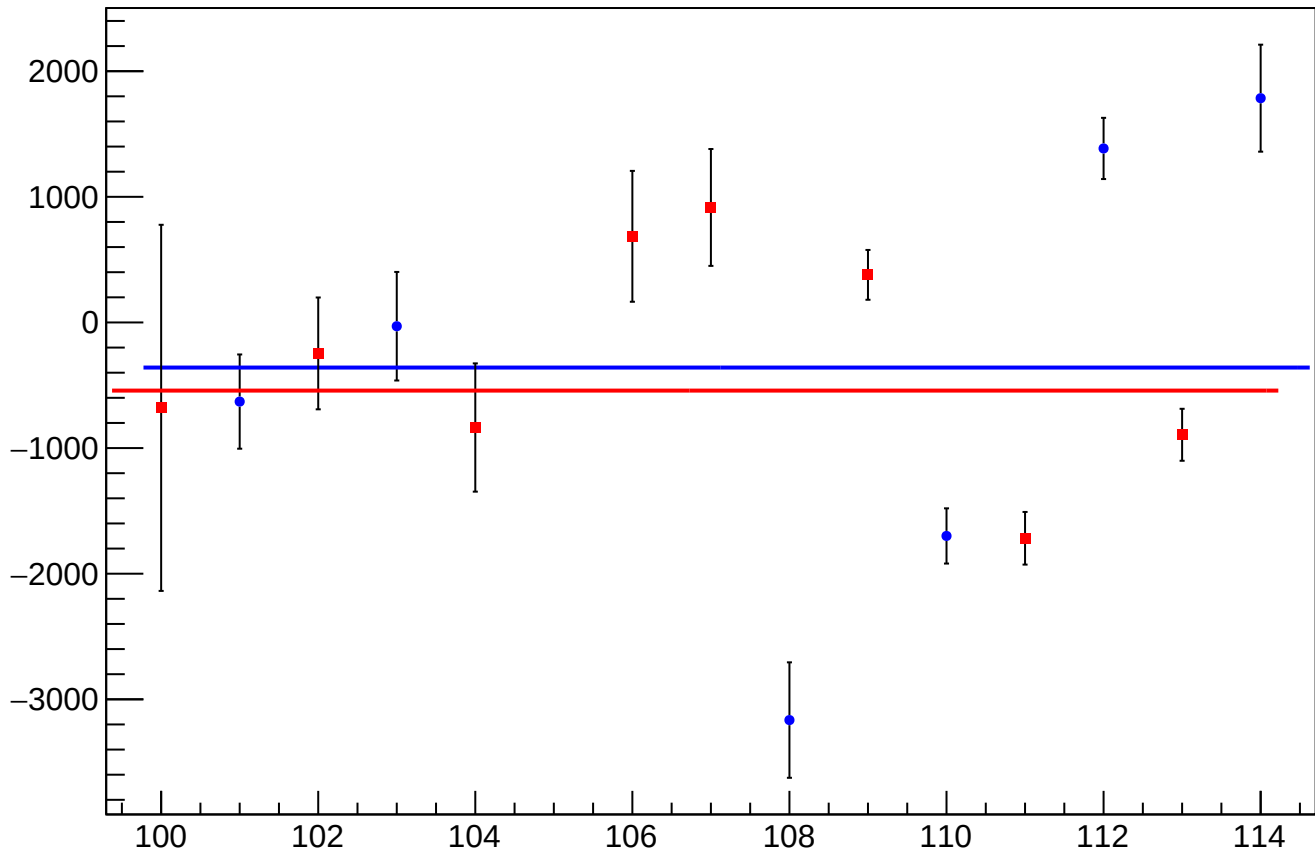
Right: 170.302+/-0.055 χ^2/NDF : 1881037.2/13

In: 181.473+/-0.087 χ^2/NDF : 797027.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.302+/-0.055 χ^2/NDF : 1881037.2/13

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -359.012 $\pm$ 128.805 χ^2 /NDF: 152.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -542.421 $\pm$ 105.861 χ^2 /NDF: 72.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

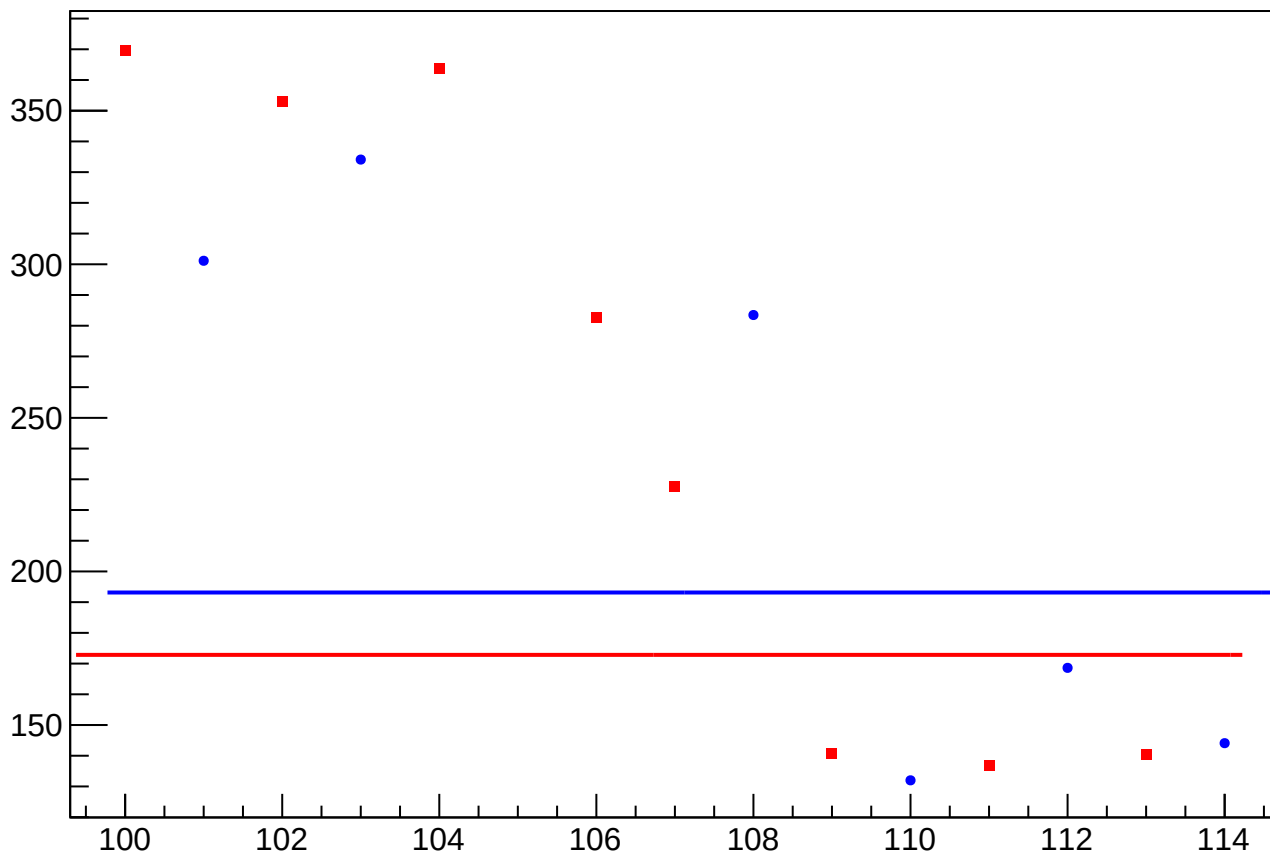
Right: -468.480 $\pm$ 81.784 χ^2 /NDF: 225.5/13

In: -359.012 $\pm$ 128.805 χ^2 /NDF:152.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -468.480 $\pm$ 81.784 χ^2 /NDF: 225.5/13

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 193.143+/-0.091 χ^2/NDF : 657605.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.836+/-0.075 χ^2/NDF : 920765.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

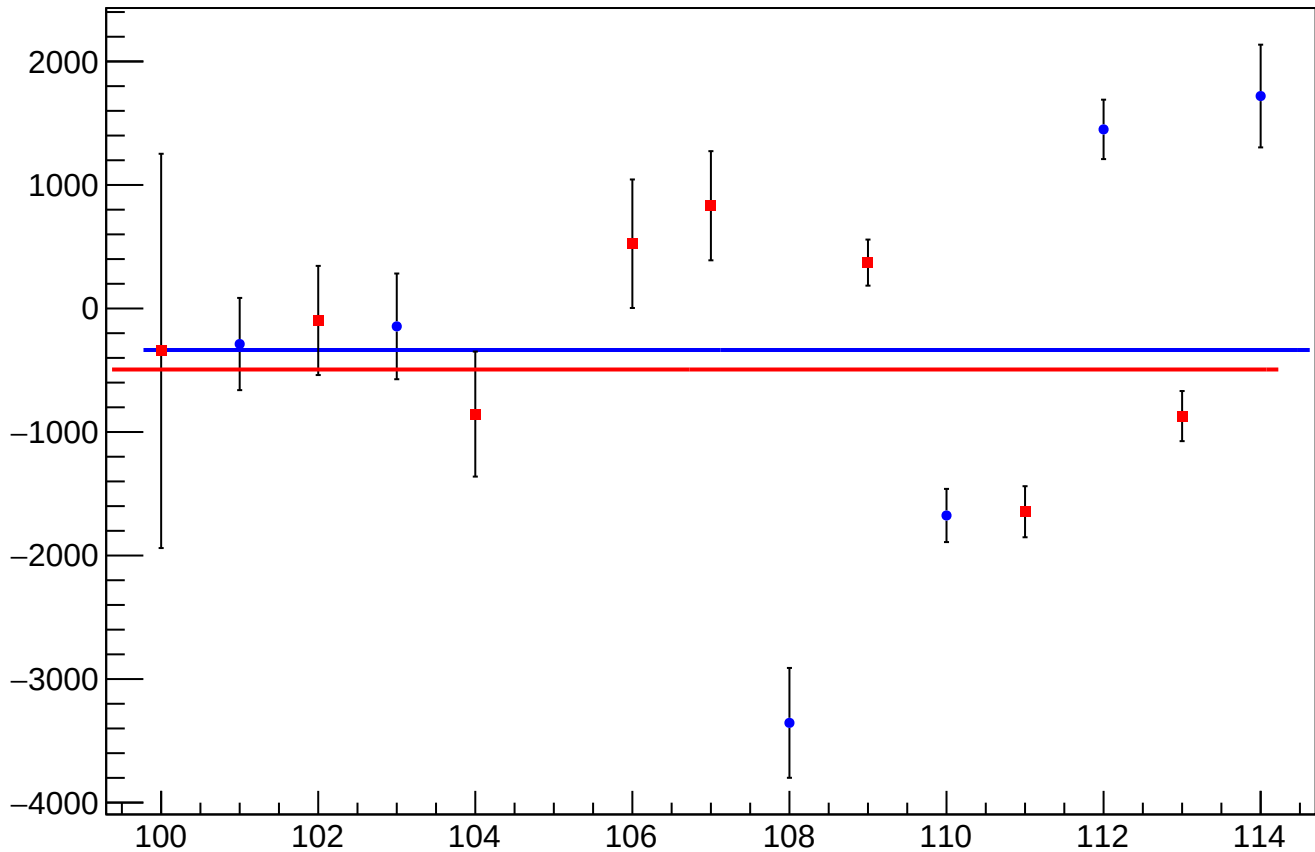
Right: 181.023+/-0.058 χ^2/NDF : 1608039.7/13

In: 193.143+/-0.091 χ^2/NDF : 657605.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.023+/-0.058 χ^2/NDF : 1608039.7/13

asym_bpm0l06WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

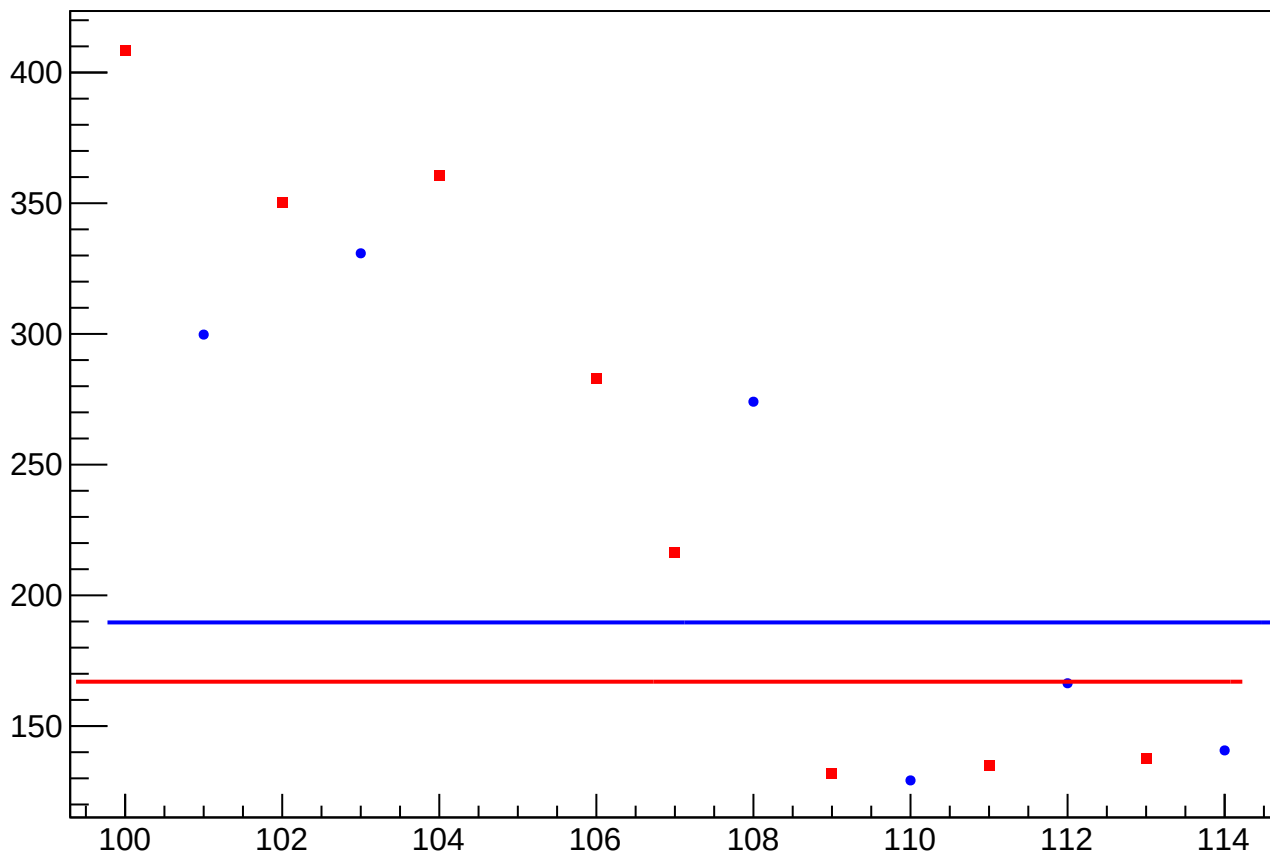
Right: -431.282+/-79.804 χ^2/NDF : 235.7/13

In: -336.080+/-126.662 χ^2/NDF :164.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -431.282+/-79.804 χ^2/NDF : 235.7/13

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 189.640+/-0.090 χ^2/NDF : 667838.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.970+/-0.073 χ^2/NDF : 967321.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

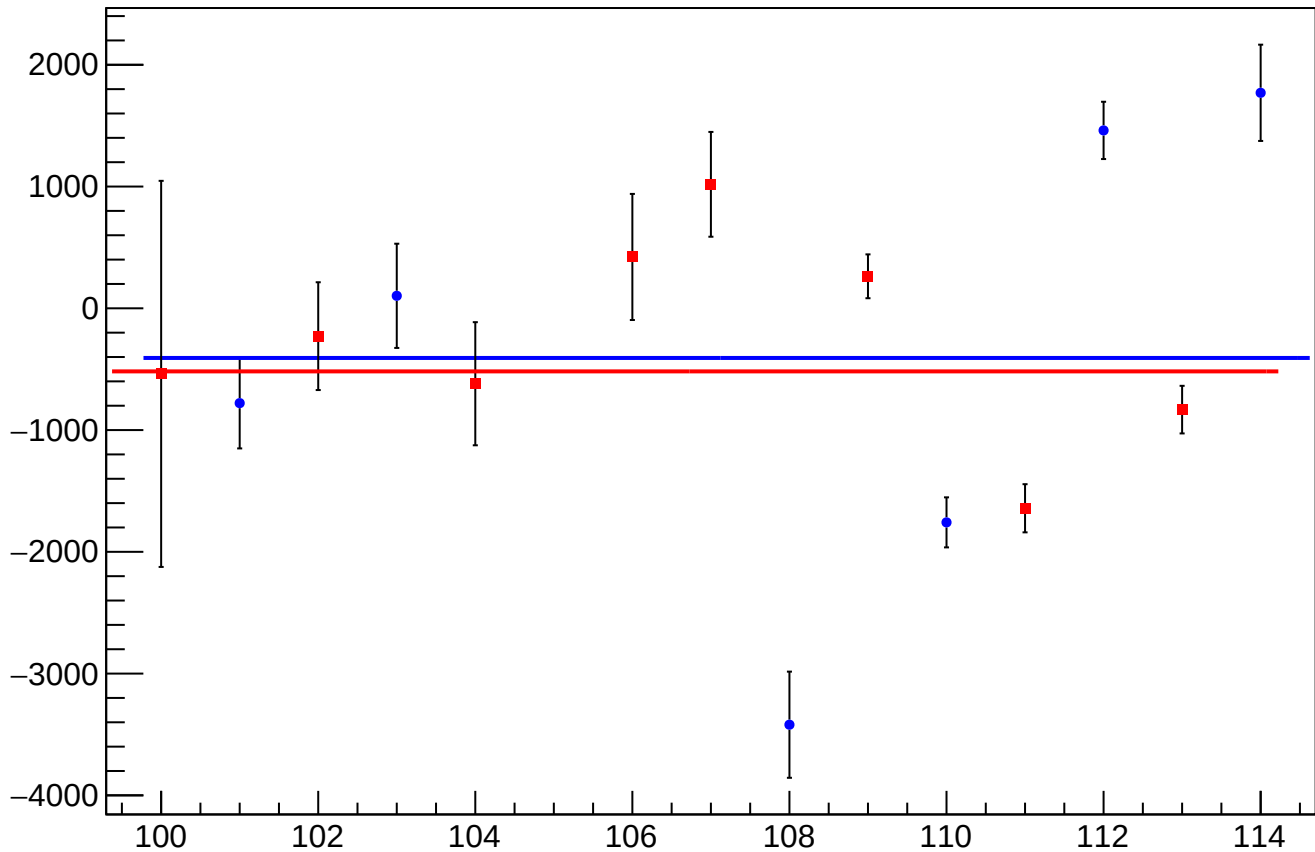
Right: 175.969+/-0.056 χ^2/NDF : 1673794.4/13

In: 189.640+/-0.090 χ^2/NDF : 667838.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.969+/-0.056 χ^2/NDF : 1673794.4/13

asym_bpm0l07WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

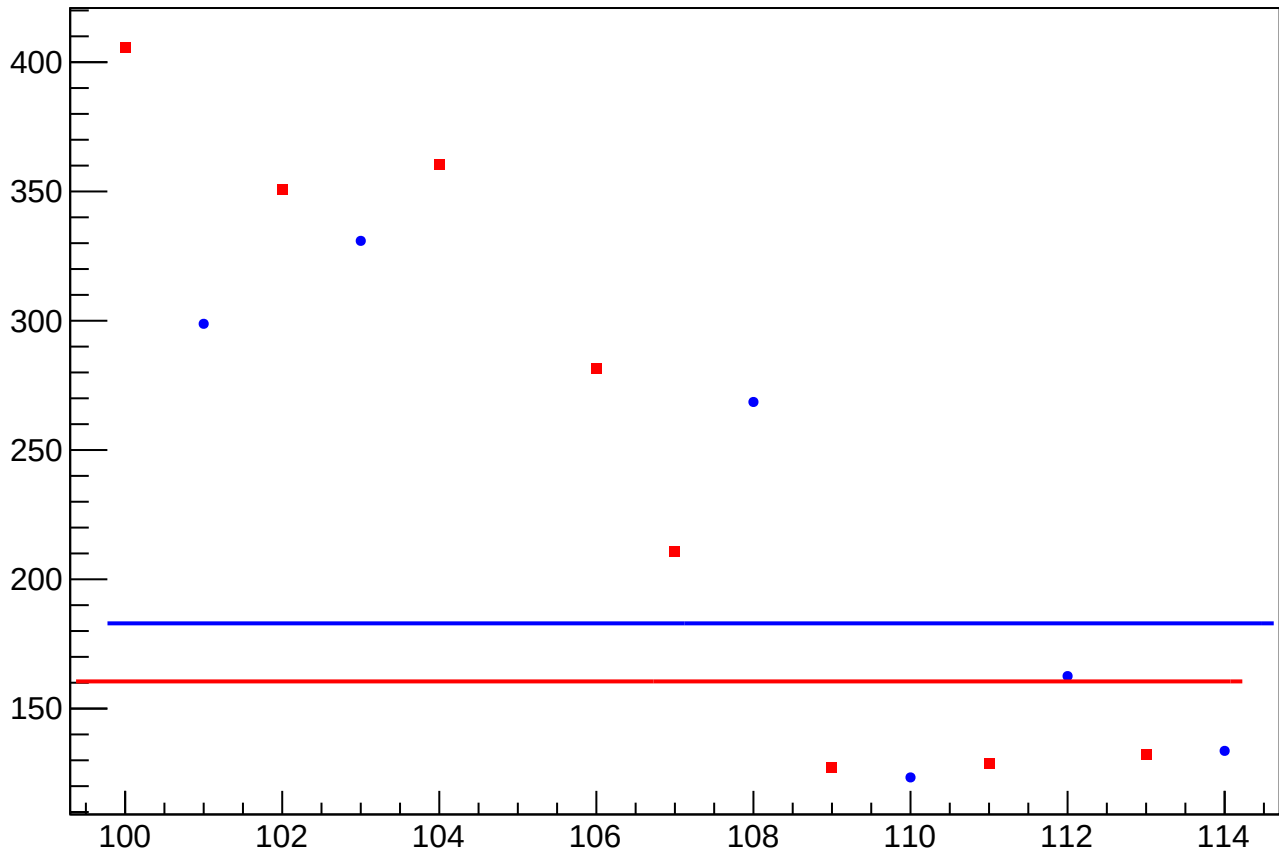
Right: -474.440+/-77.333 χ^2/NDF : 257.5/13

In: -407.720+/-123.011 χ^2/NDF : 186.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.440+/-77.333 χ^2/NDF : 257.5/13

asym_bpm0l07WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

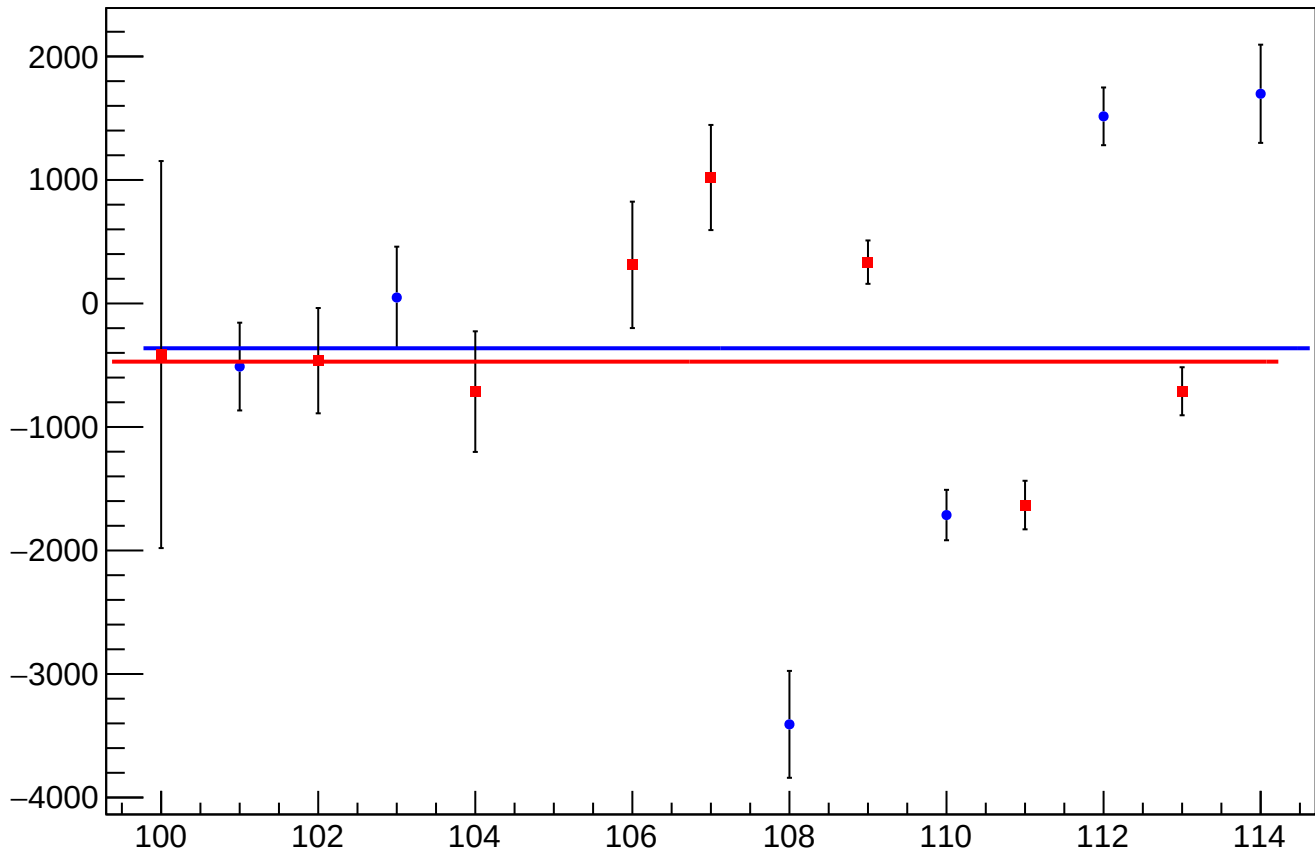
Right: 169.384+/-0.055 χ^2/NDF : 1792388.3/13

In: 182.963+/-0.087 χ^2/NDF : 724208.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.384+/-0.055 χ^2/NDF : 1792388.3/13

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -362.611 ± 121.443 $\chi^2/\text{NDF}: 185.9/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -470.995 ± 97.963 $\chi^2/\text{NDF}: 72.3/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

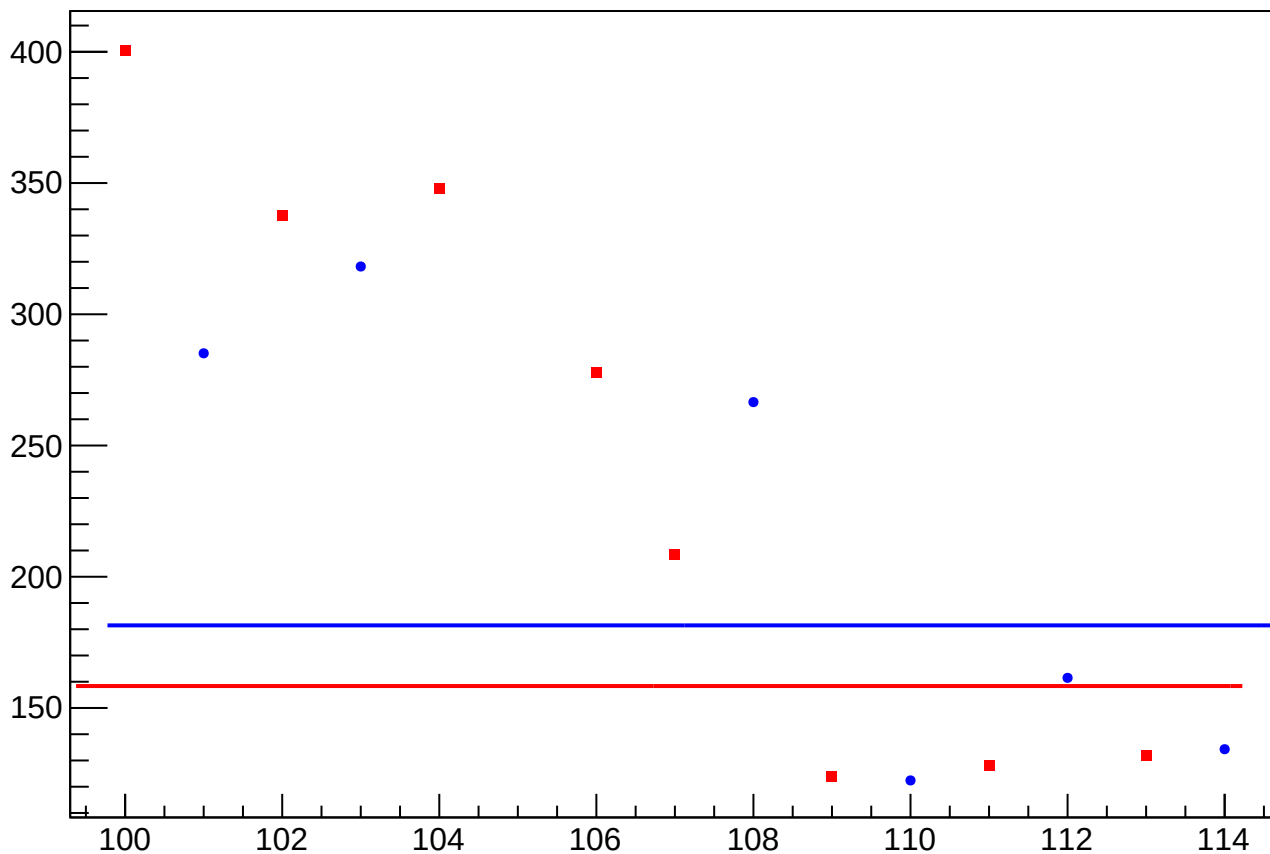
Right: -428.270 ± 76.248 $\chi^2/\text{NDF}: 258.7/13$

In: -362.611 ± 121.443 $\chi^2/\text{NDF}: 185.9/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -428.270 ± 76.248 $\chi^2/\text{NDF}: 258.7/13$

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 181.472+/-0.086 χ^2/NDF : 678501.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.359+/-0.069 χ^2/NDF : 1001730.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

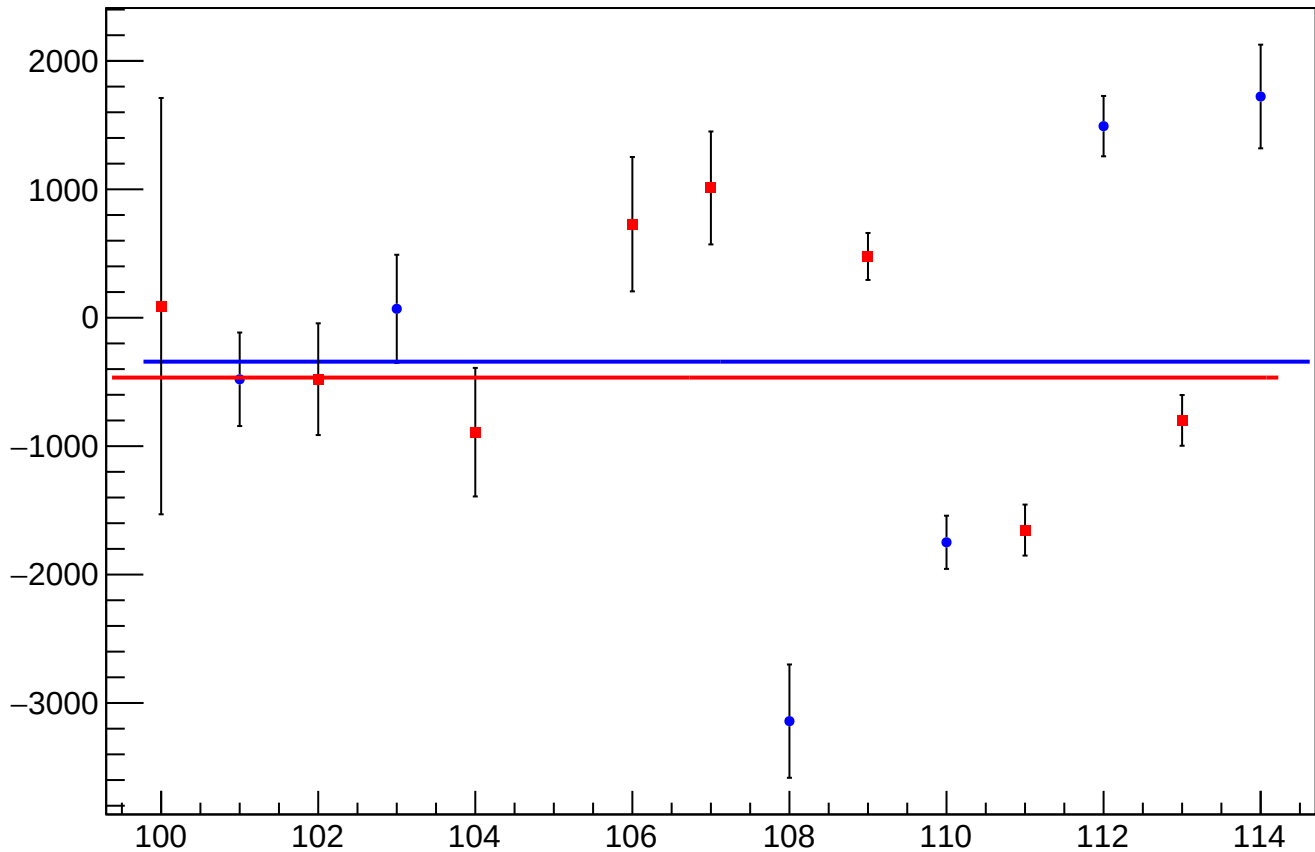
Right: 167.470+/-0.054 χ^2/NDF : 1724116.7/13

In: 181.472+/-0.086 χ^2/NDF : 678501.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.470+/-0.054 χ^2/NDF : 1724116.7/13

asym_bpm0l09WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

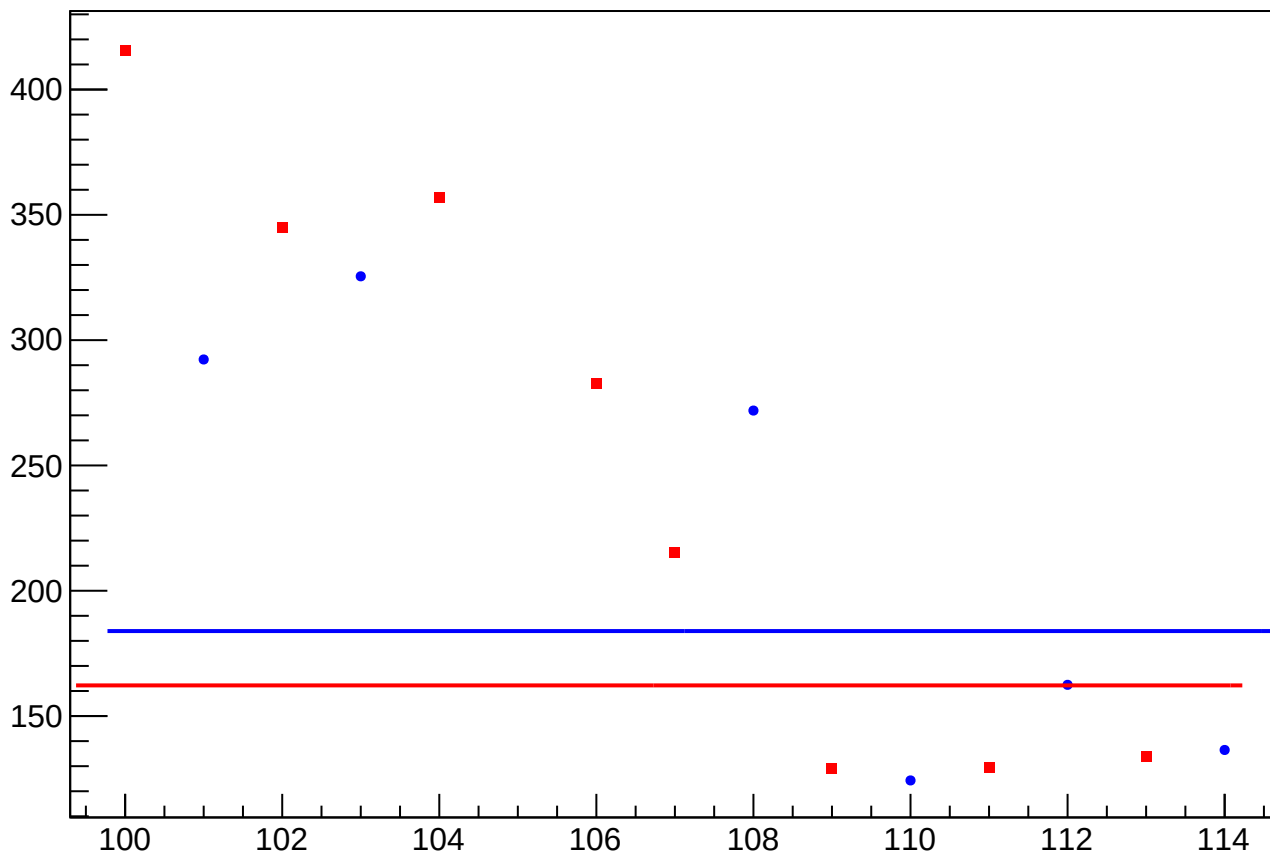
Right: -416.522+/-77.786 χ^2/NDF : 257.7/13

In: -341.971+/-123.220 χ^2/NDF : 174.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.522+/-77.786 χ^2/NDF : 257.7/13

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 183.916+/-0.087 χ^2/NDF : 692731.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.233+/-0.071 χ^2/NDF : 999014.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

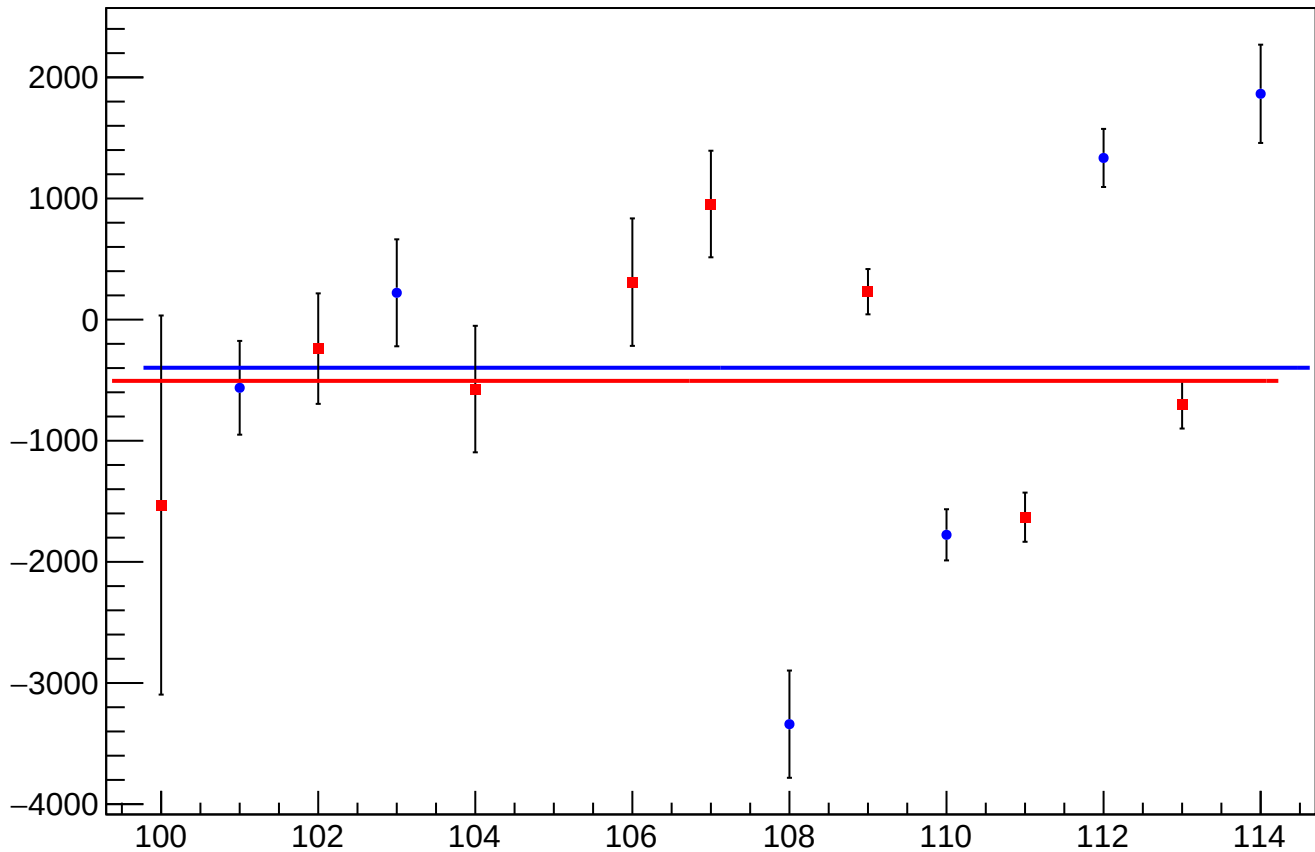
Right: 170.874+/-0.055 χ^2/NDF : 1728996.3/13

In: 183.916+/-0.087 χ^2/NDF : 692731.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.874+/-0.055 χ^2/NDF : 1728996.3/13

asym_bpm0l10WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

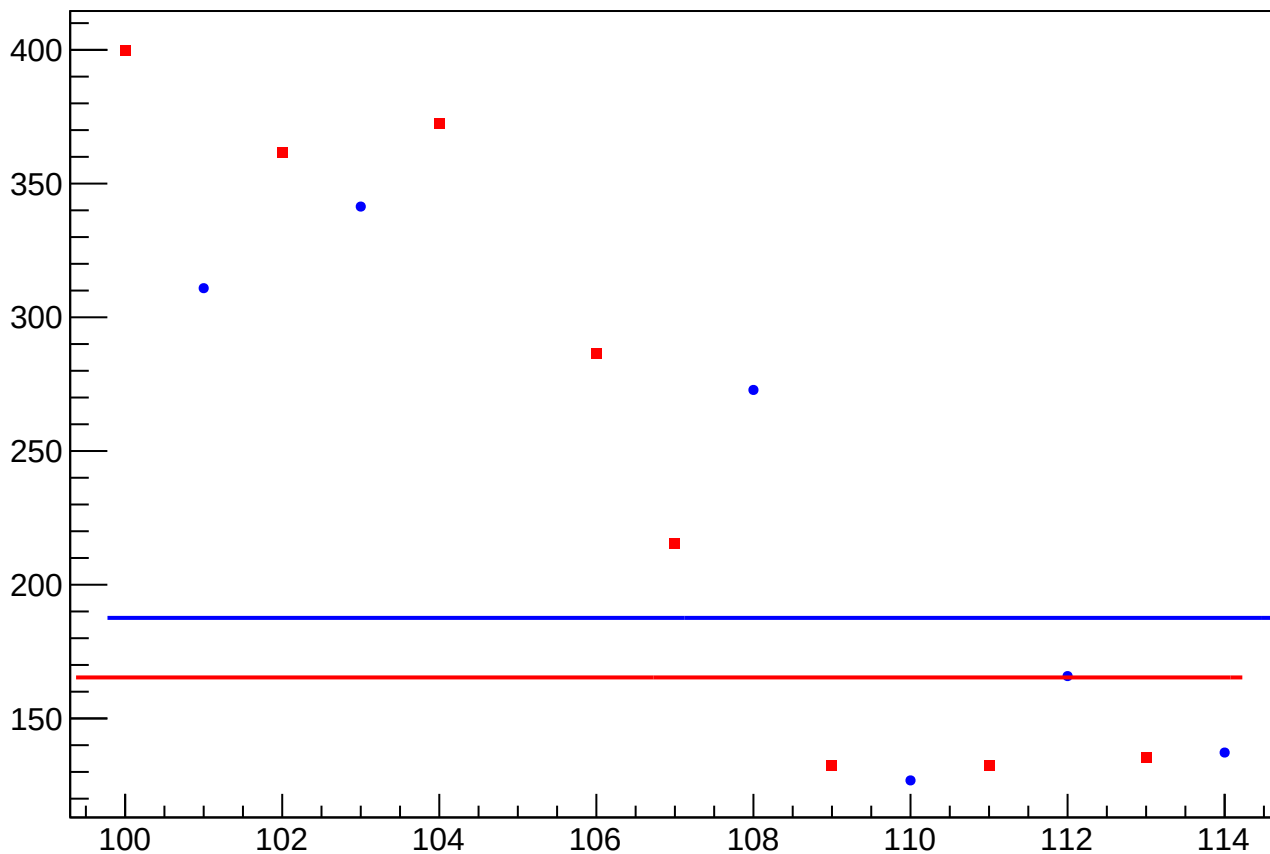
Right: -462.743+/-79.460 χ^2/NDF : 234.0/13

In: -397.357+/-126.203 χ^2/NDF : 172.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.743+/-79.460 χ^2/NDF : 234.0/13

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 187.602+/-0.089 χ^2/NDF : 732568.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.333+/-0.072 χ^2/NDF : 1021738.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

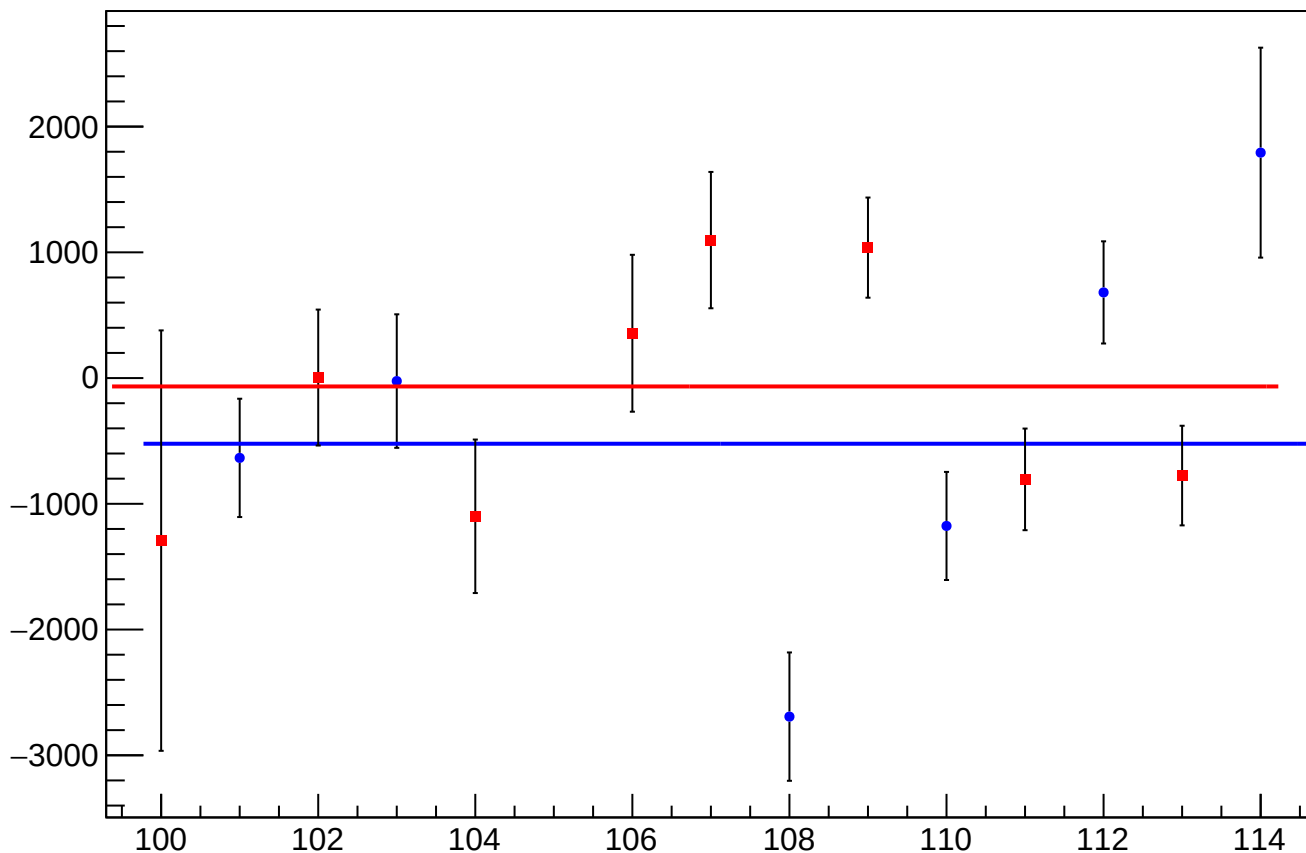
Right: 174.161+/-0.056 χ^2/NDF : 1791894.2/13

In: 187.602+/-0.089 χ^2/NDF : 732568.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.161+/-0.056 χ^2/NDF : 1791894.2/13

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -522.284+/-200.774 χ^2/NDF : 37.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -66.672+/-178.932 χ^2/NDF : 22.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

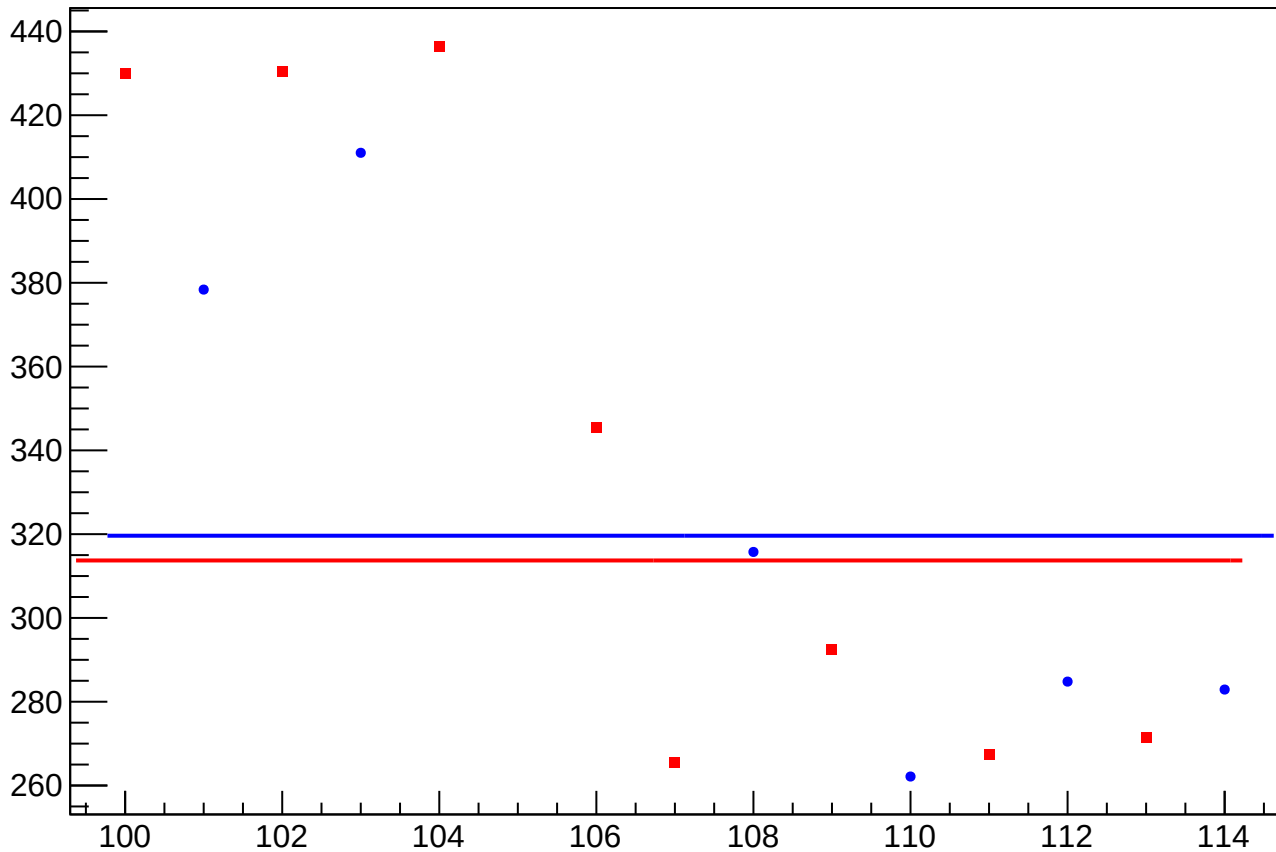
Right: -268.356+/-133.581 χ^2/NDF : 63.4/13

In: -522.284+/-200.774 χ^2/NDF :37.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -268.356+/-133.581 χ^2/NDF : 63.4/13

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 319.626+/-0.142 χ^2/NDF : 144889.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.719+/-0.127 χ^2/NDF : 259684.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

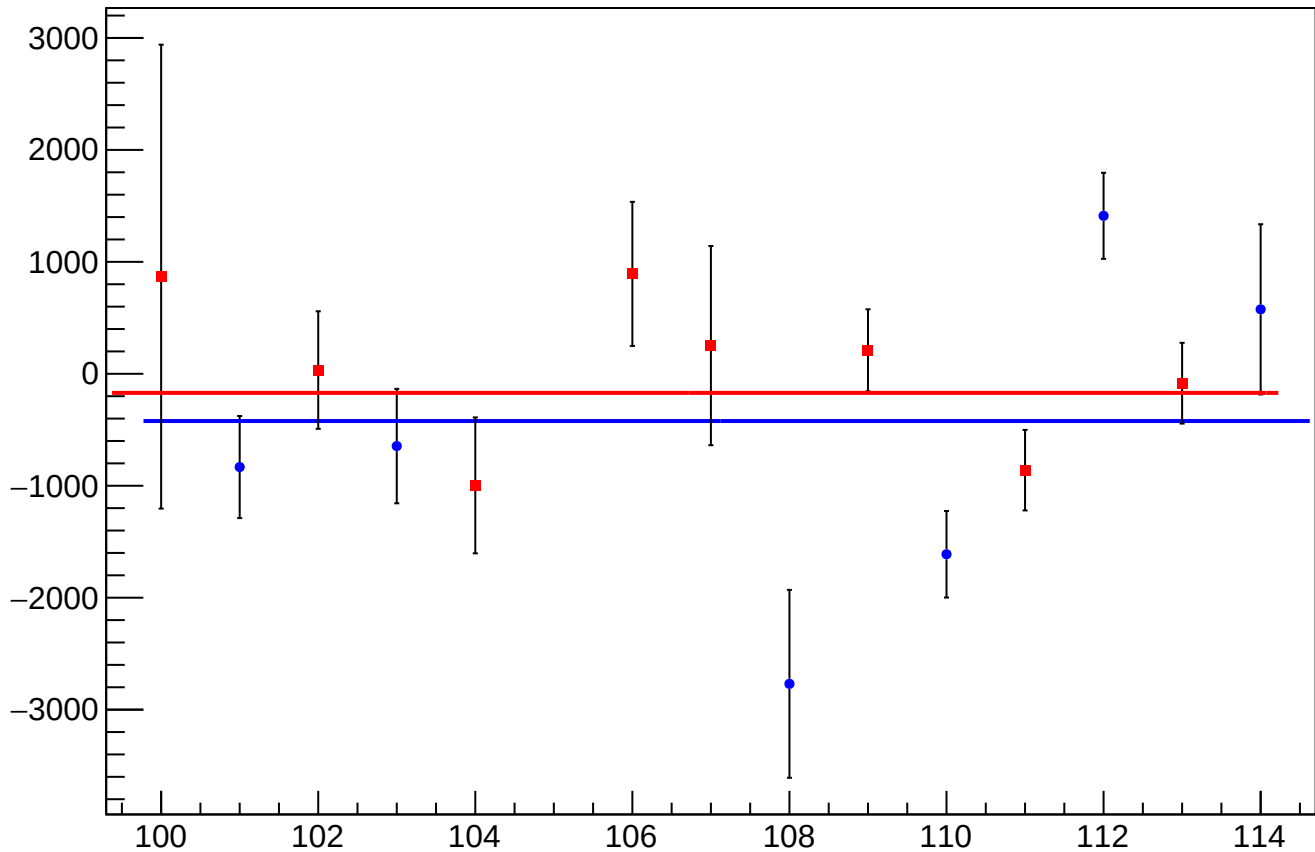
Right: 316.334+/-0.094 χ^2/NDF : 405538.1/13

In: 319.626+/-0.142 χ^2/NDF : 144889.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.334+/-0.094 χ^2/NDF : 405538.1/13

asym_bpm0r05WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

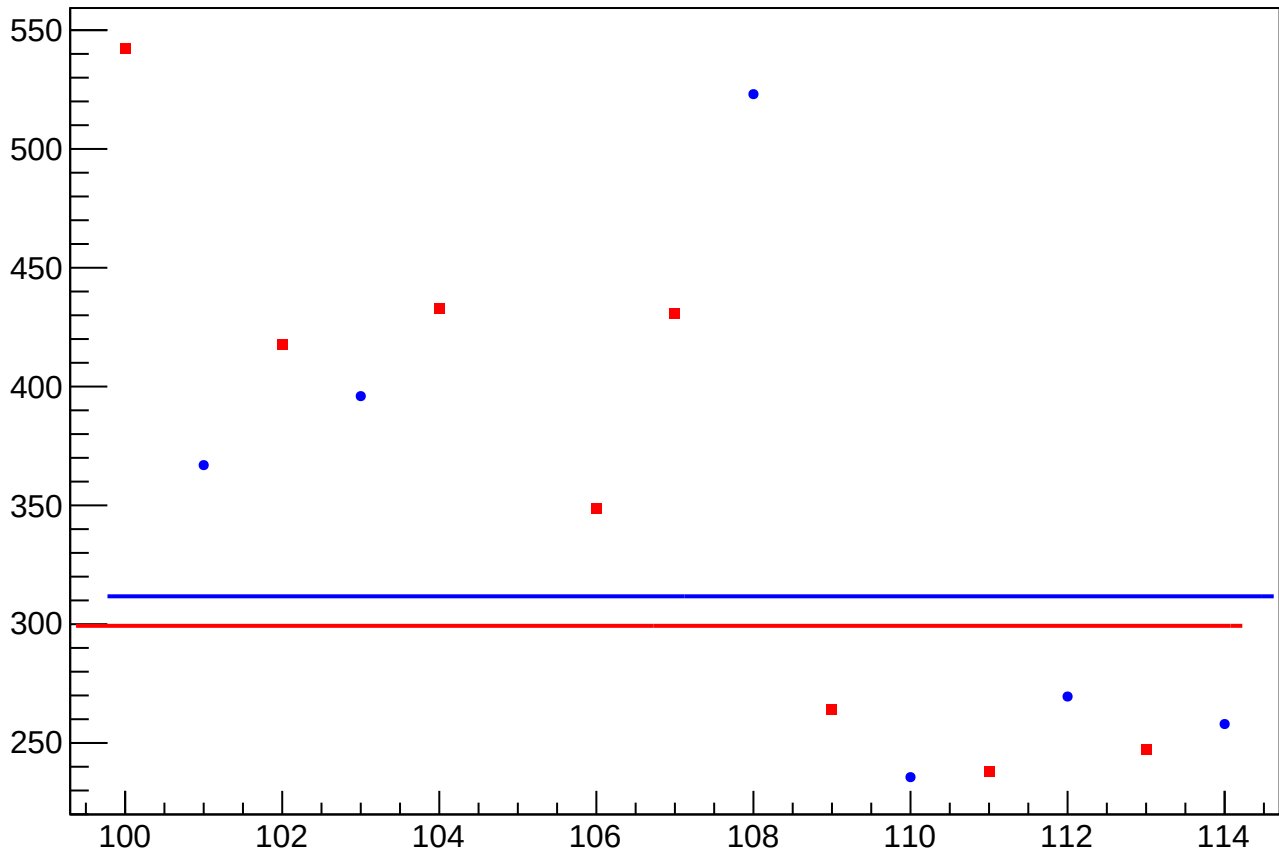
Right: -279.159+/-130.896 χ^2/NDF : 53.7/13

In: -421.825+/-199.017 χ^2/NDF : 42.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -279.159+/-130.896 χ^2/NDF : 53.7/13

asym_bpm0r05WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

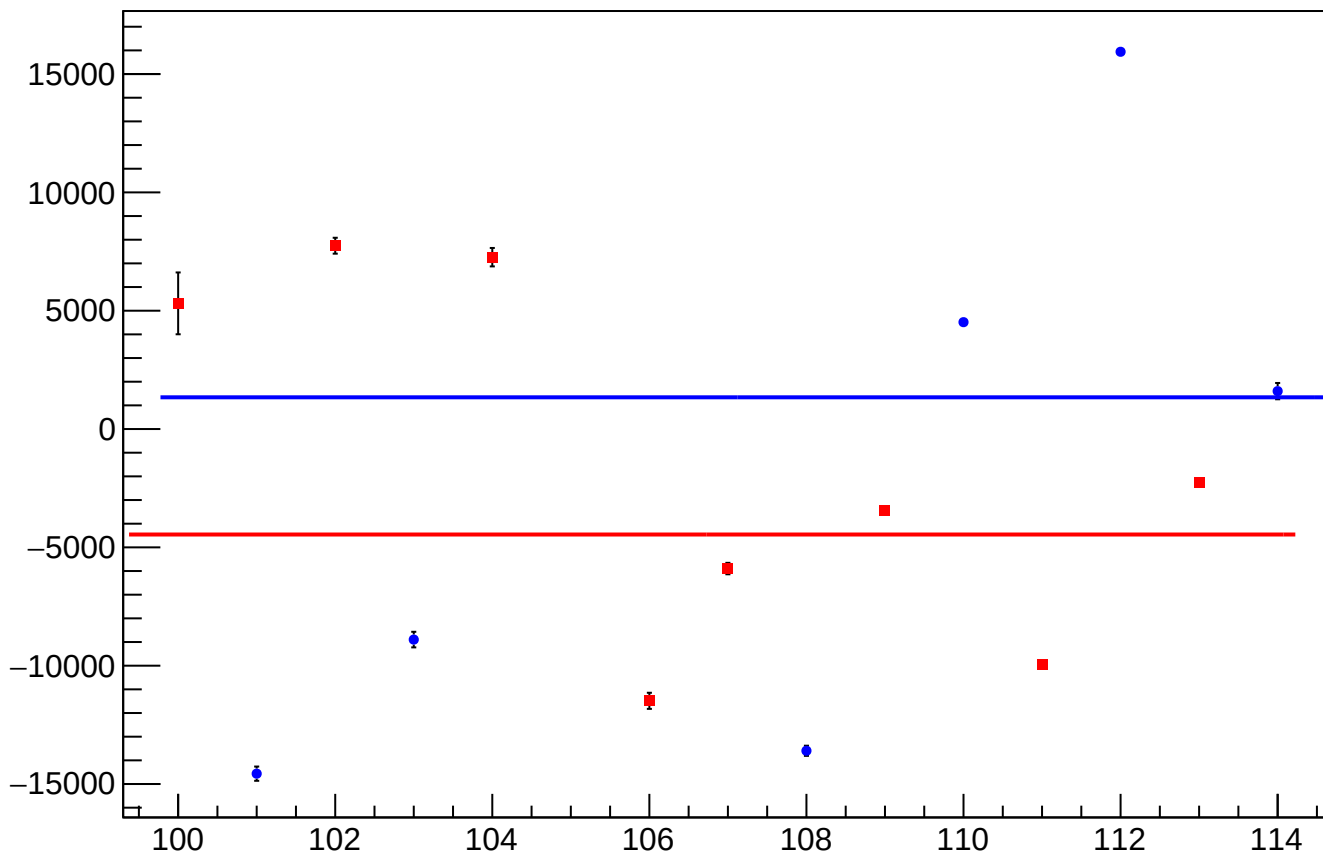
Right: 304.678+/-0.093 χ^2/NDF : 726557.4/13

In: 311.726+/-0.141 χ^2/NDF :322098.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 304.678+/-0.093 χ^2/NDF : 726557.4/13

asym_bpm0i02WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

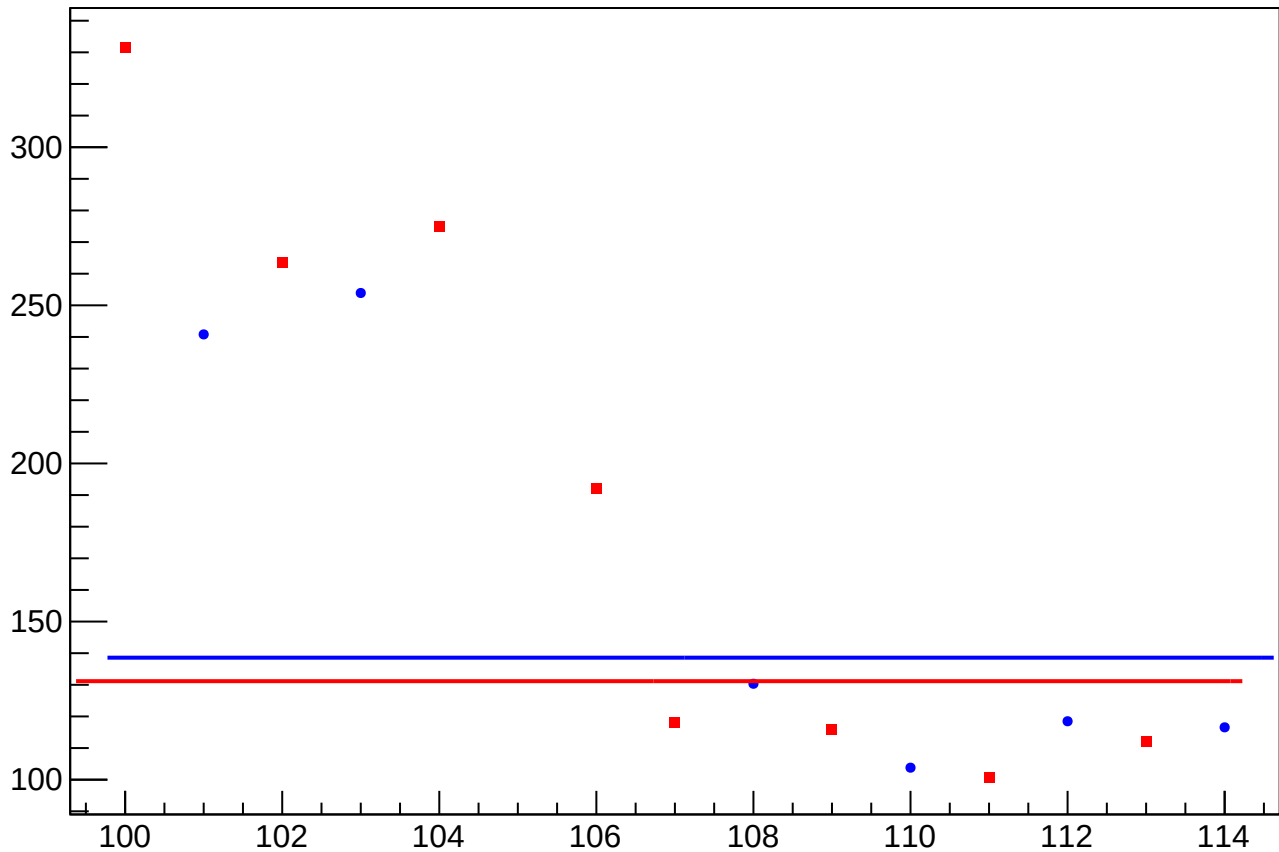
Right: -1995.859+/-60.282 χ^2/NDF : 22473.5/13

In: 1340.666+/-92.521 χ^2/NDF : 16001.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1995.859+/-60.282 χ^2/NDF : 22473.5/13

asym_bpm0i02WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

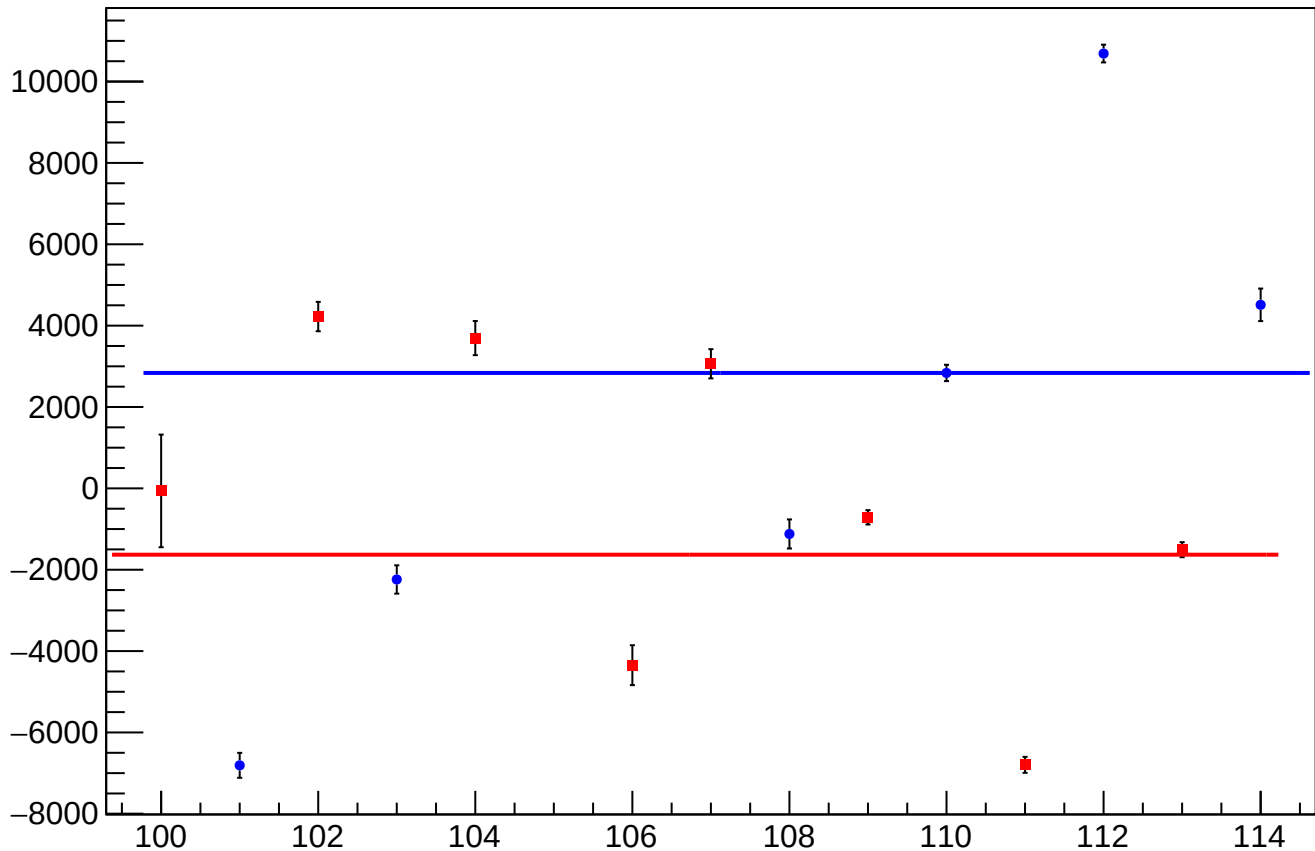
Right: 134.307 $\pm$ 0.043 χ^2 /NDF: 1421783.9/13

In: 138.582 $\pm$ 0.065 χ^2 /NDF:594092.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.307 $\pm$ 0.043 χ^2 /NDF: 1421783.9/13

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

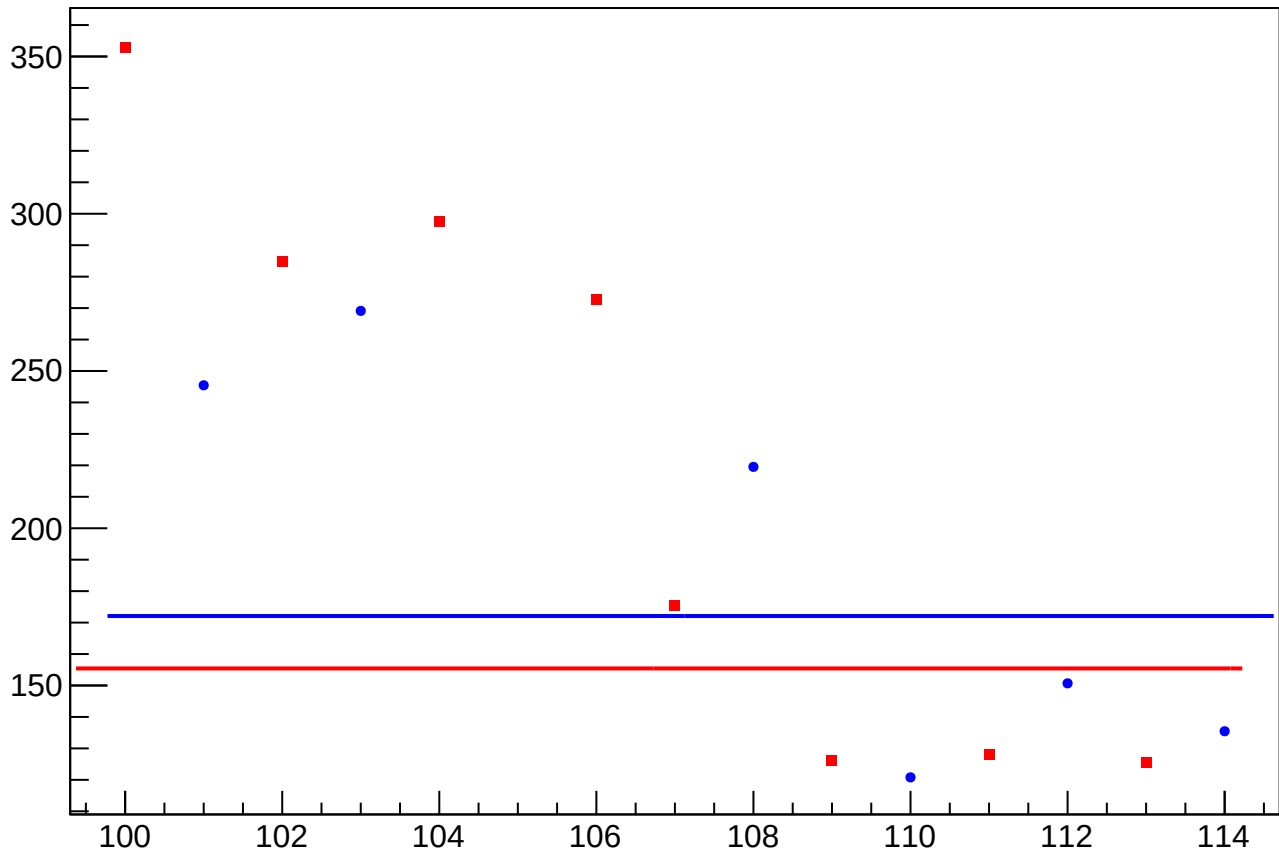
Right: 201.334+/-72.126 χ^2/NDF : 4916.0/13

In: 2837.373+/-112.643 χ^2/NDF : 2638.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.334+/-72.126 χ^2/NDF : 4916.0/13

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

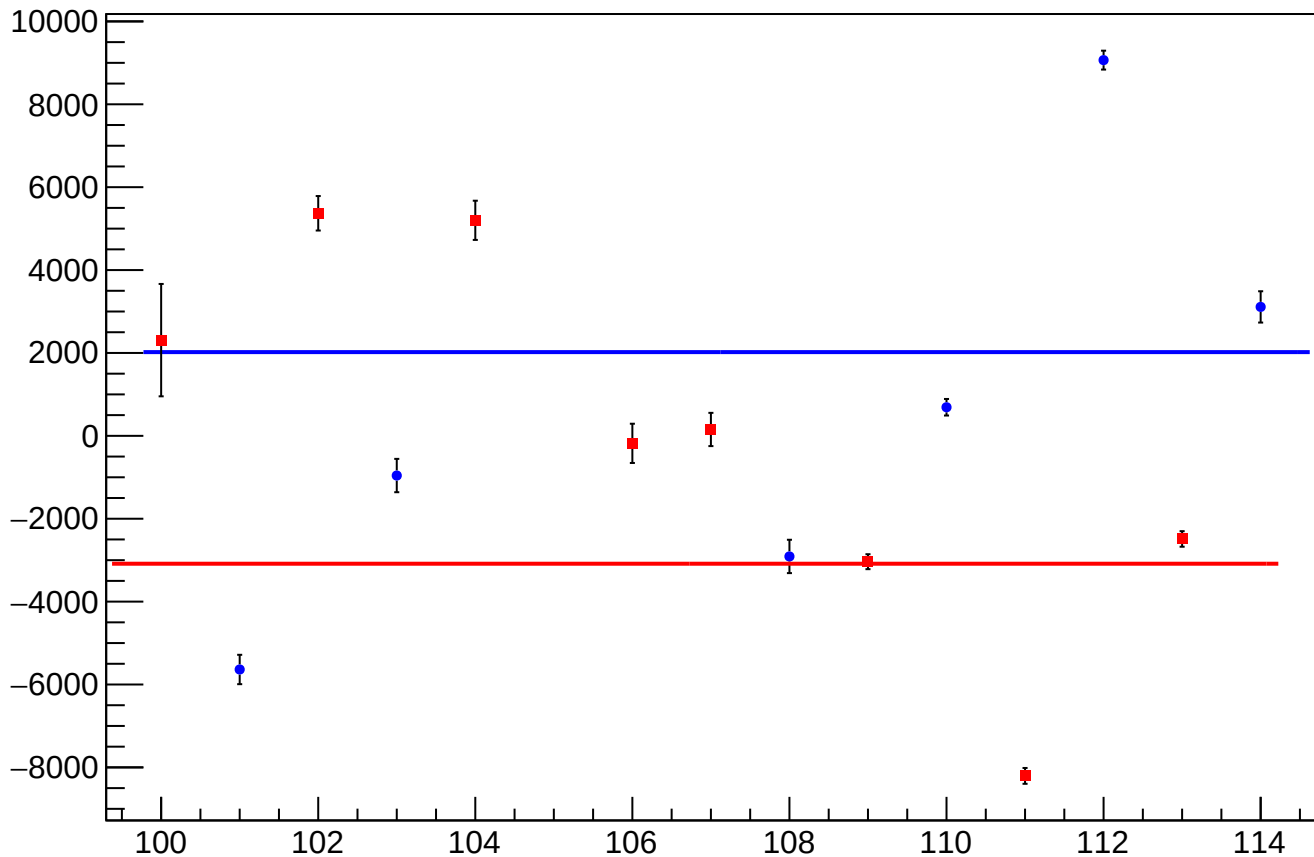
Right: 162.258+/-0.051 χ^2/NDF : 1293266.3/13

In: 172.093+/-0.080 χ^2/NDF : 471673.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.258+/-0.051 χ^2/NDF : 1293266.3/13

asym_bpm0i05WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

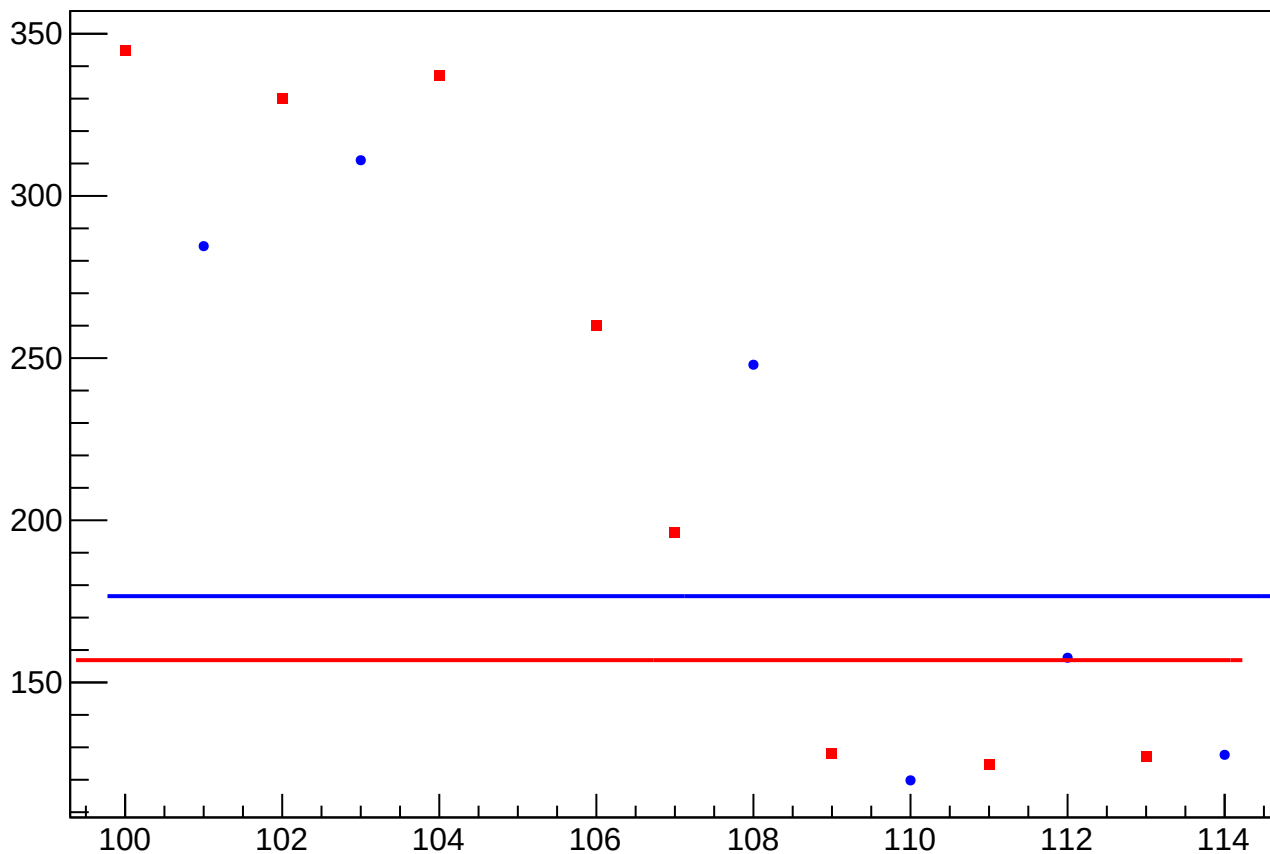
Right: -1049.691+/-74.604 χ^2/NDF : 4371.1/13

In: 2020.353+/-118.145 χ^2/NDF : 1680.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1049.691+/-74.604 χ^2/NDF : 4371.1/13

asym_bpm0i05WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

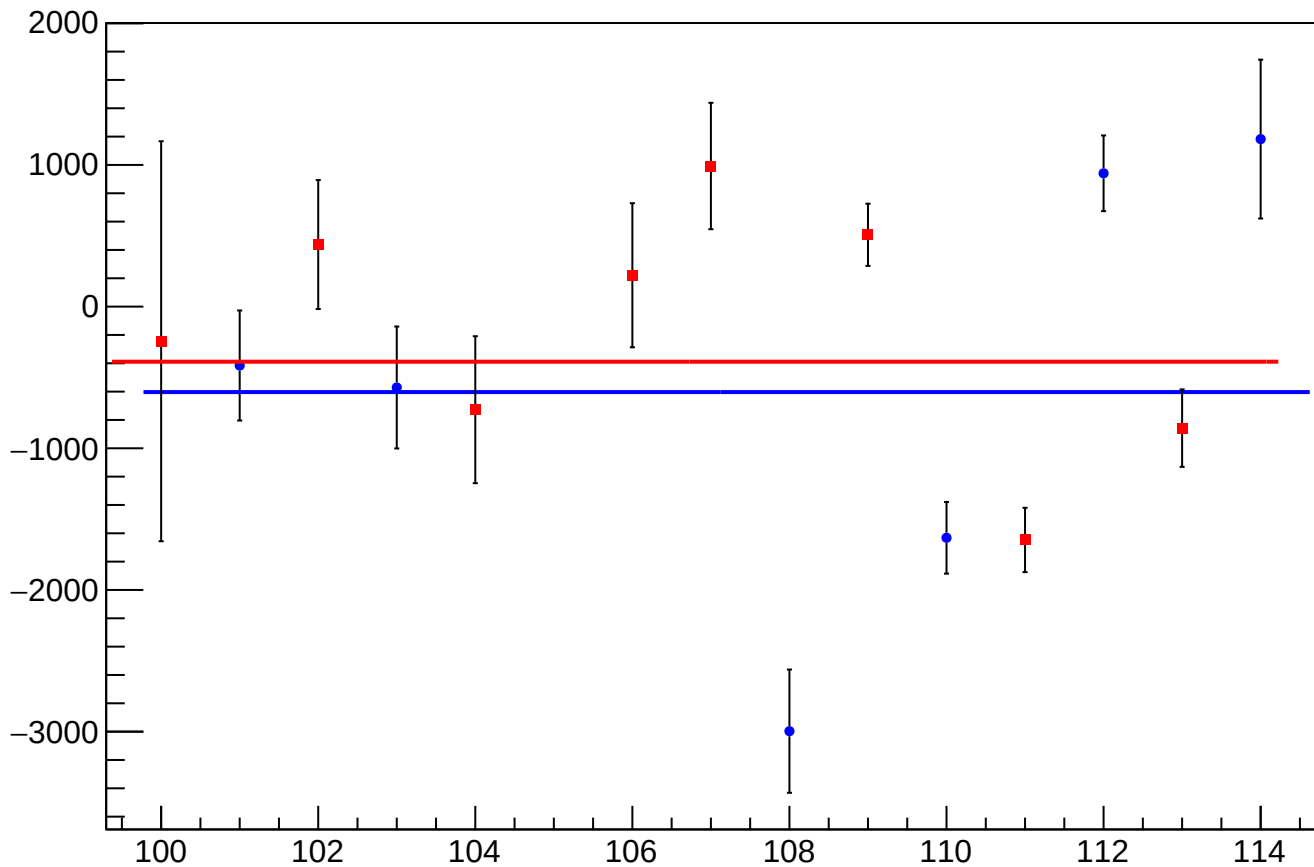
Right: 164.745 $\pm$ 0.053 χ^2 /NDF: 1661839.0/13

In: 176.608 $\pm$ 0.084 χ^2 /NDF:680826.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.745 $\pm$ 0.053 χ^2 /NDF: 1661839.0/13

asym_bpm0i07WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

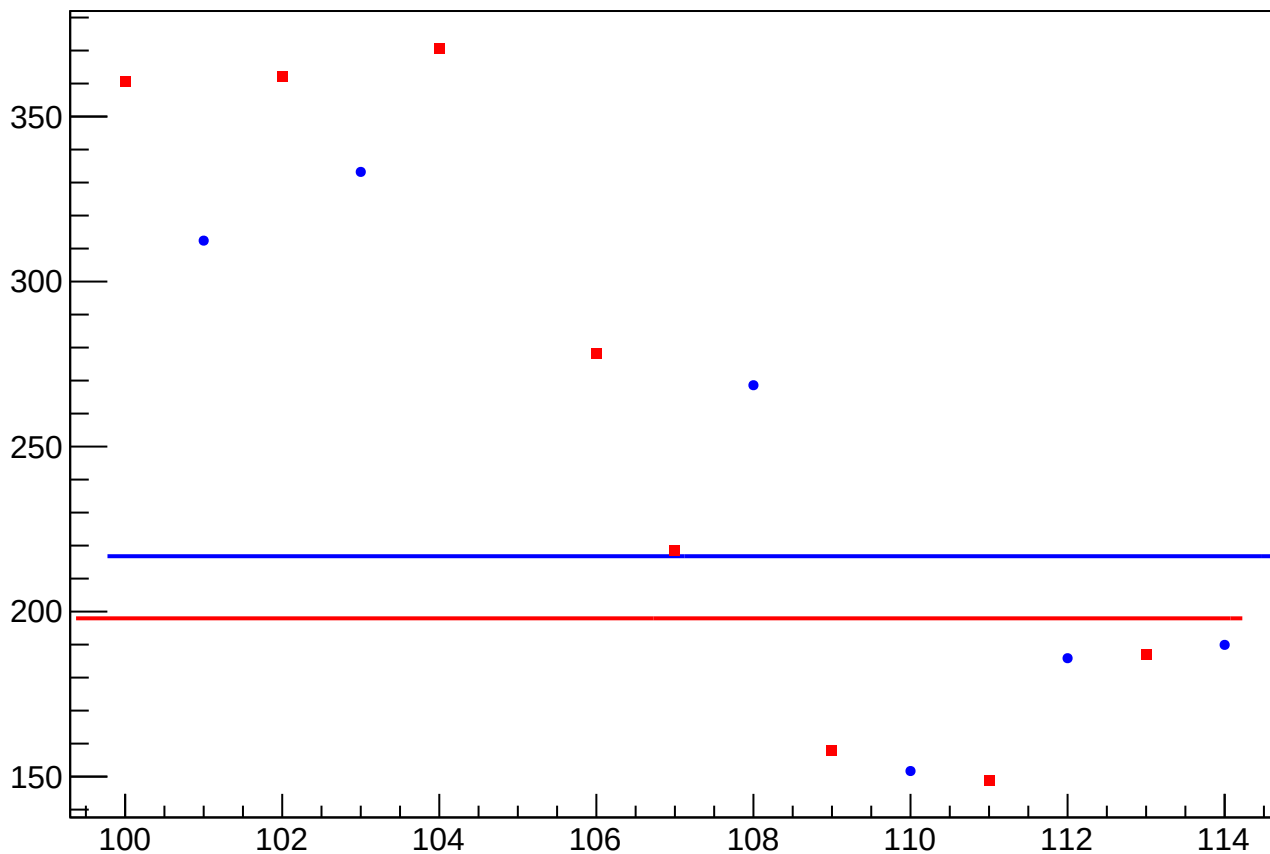
Right: -477.264+/-90.689 χ^2 /NDF: 157.0/13

In: -603.257+/-141.231 χ^2 /NDF:90.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -477.264+/-90.689 χ^2 /NDF: 157.0/13

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 216.779+/-0.100 χ^2/NDF : 459778.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.957+/-0.084 χ^2/NDF : 724670.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

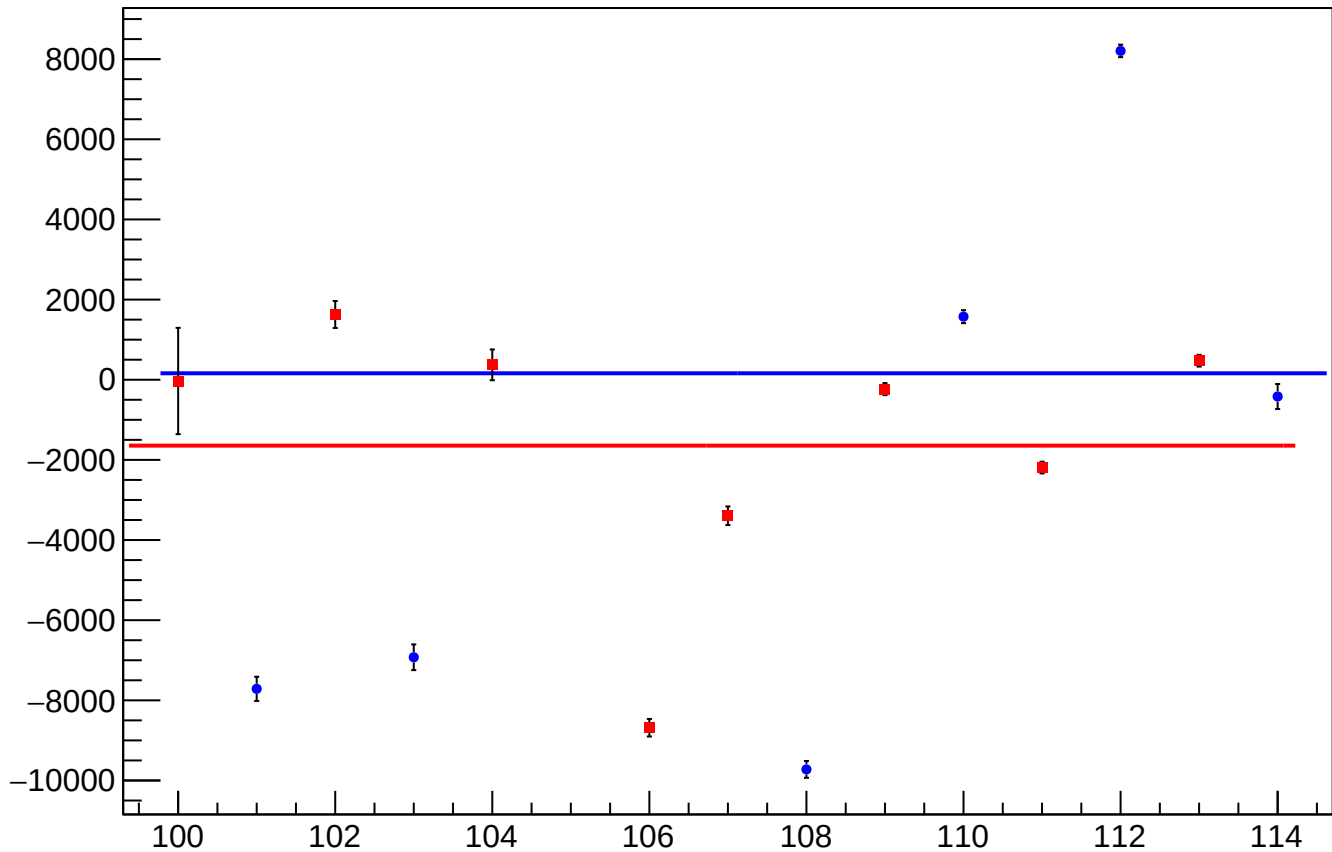
Right: 205.718+/-0.064 χ^2/NDF : 1205323.9/13

In: 216.779+/-0.100 χ^2/NDF : 459778.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.718+/-0.064 χ^2/NDF : 1205323.9/13

asym_bpm1i02WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

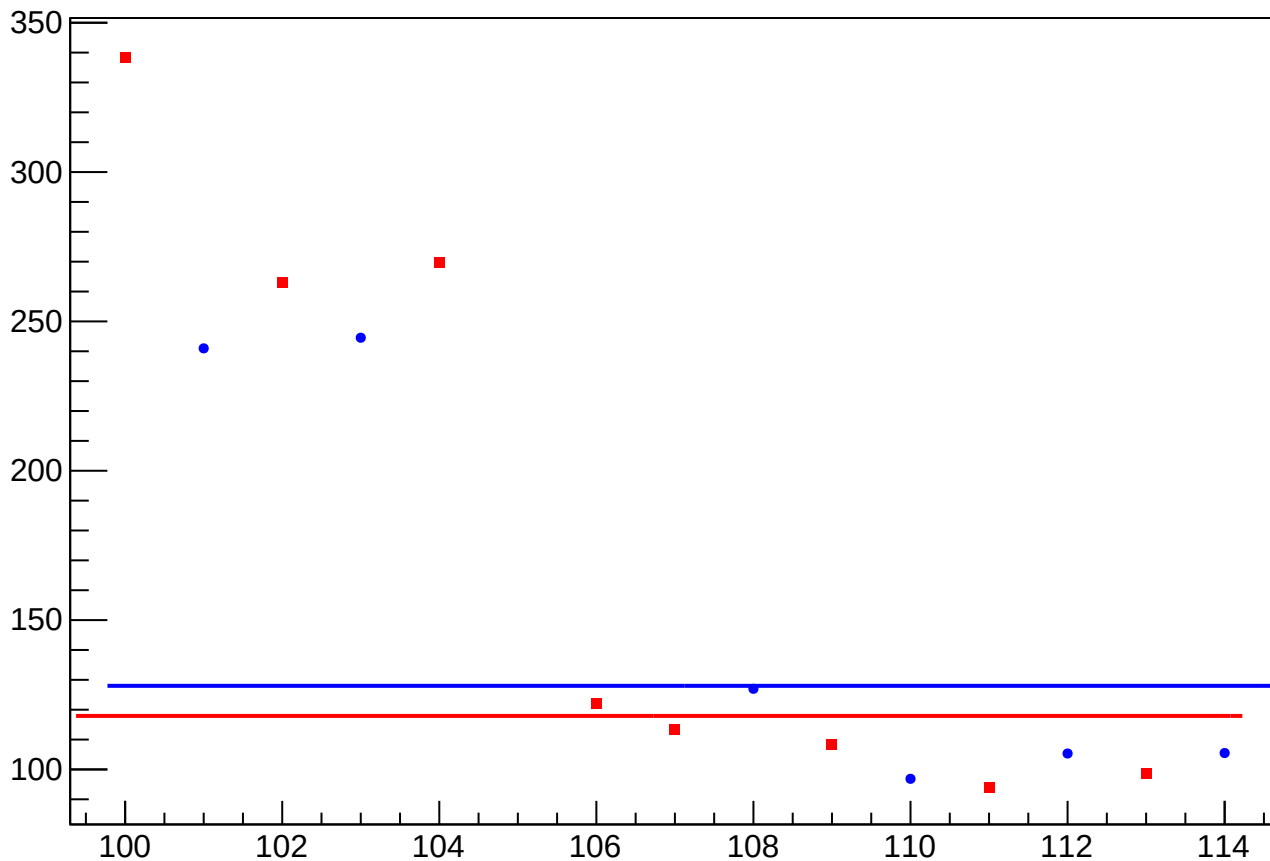
Right: -908.547+/-55.316 χ^2/NDF : 7930.8/13

In: 161.078+/-86.668 χ^2/NDF : 6147.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.547+/-55.316 χ^2/NDF : 7930.8/13

asym_bpm1i02WS_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

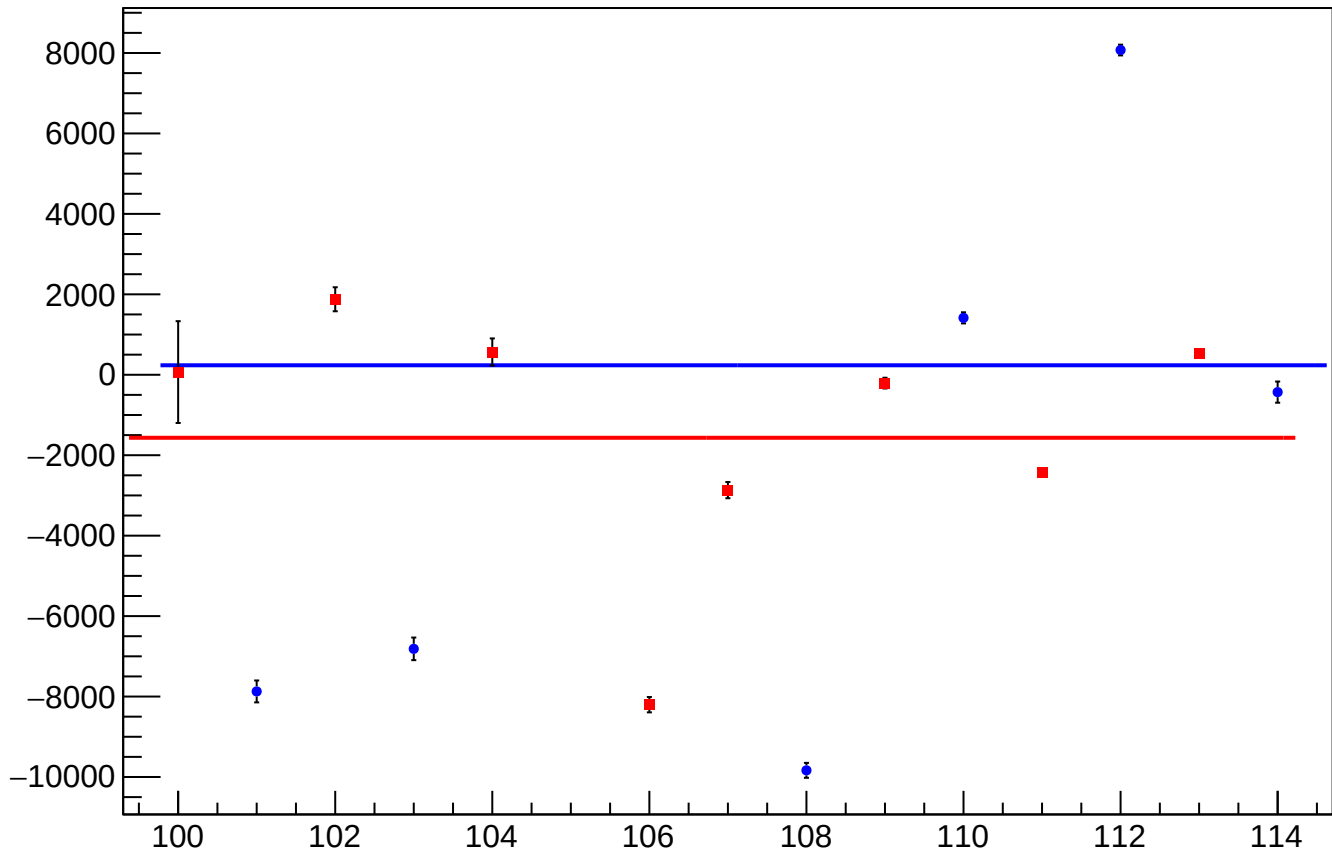
Right: 122.024 $\pm$ 0.039 χ^2 /NDF: 1528891.3/13

In: 127.994 $\pm$ 0.061 χ^2 /NDF:671427.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 122.024 $\pm$ 0.039 χ^2 /NDF: 1528891.3/13

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 236.012+/-74.922 χ^2/NDF : 7984.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1566.448+/-61.838 χ^2/NDF : 1868.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

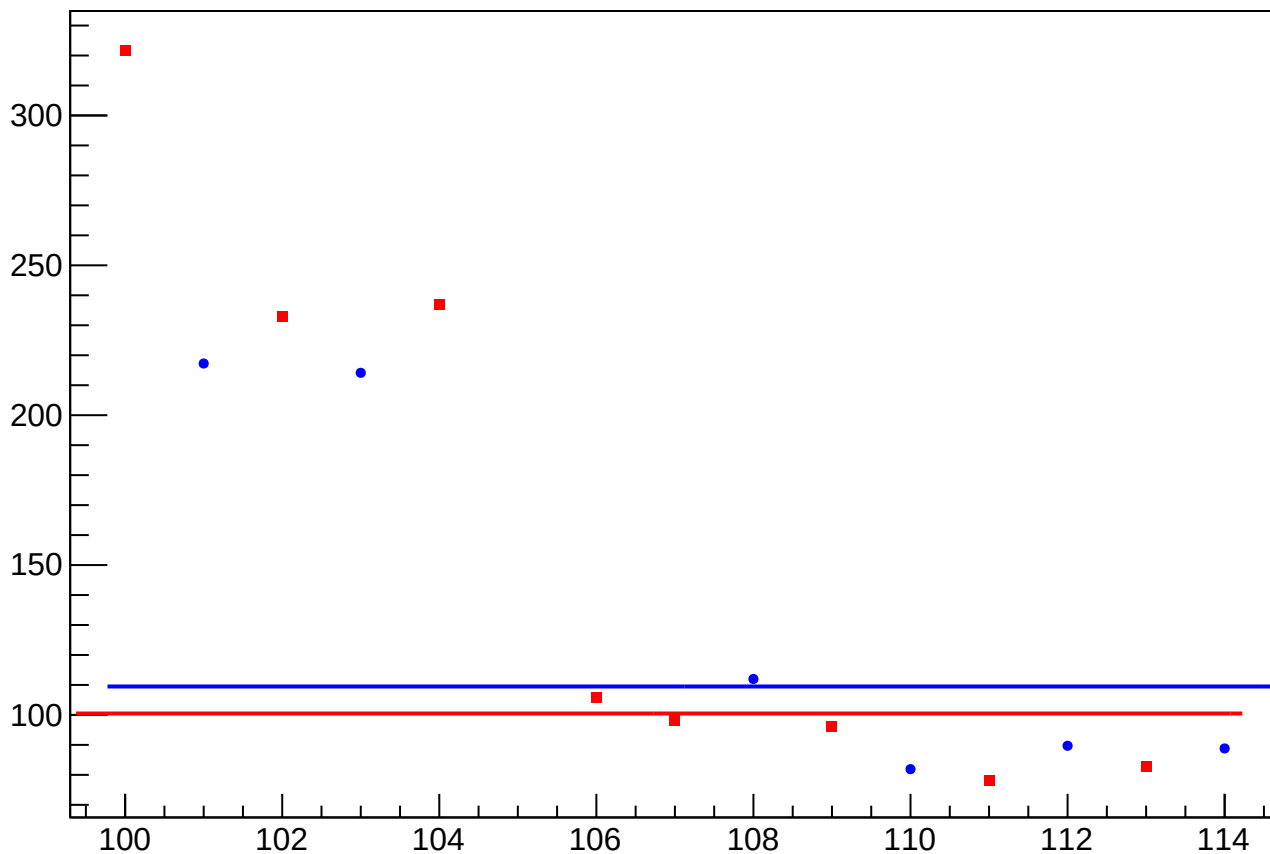
Right: -836.088+/-47.692 χ^2/NDF : 10197.4/13

In: 236.012+/-74.922 χ^2/NDF : 7984.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -836.088+/-47.692 χ^2/NDF : 10197.4/13

asym_bpm1i04WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

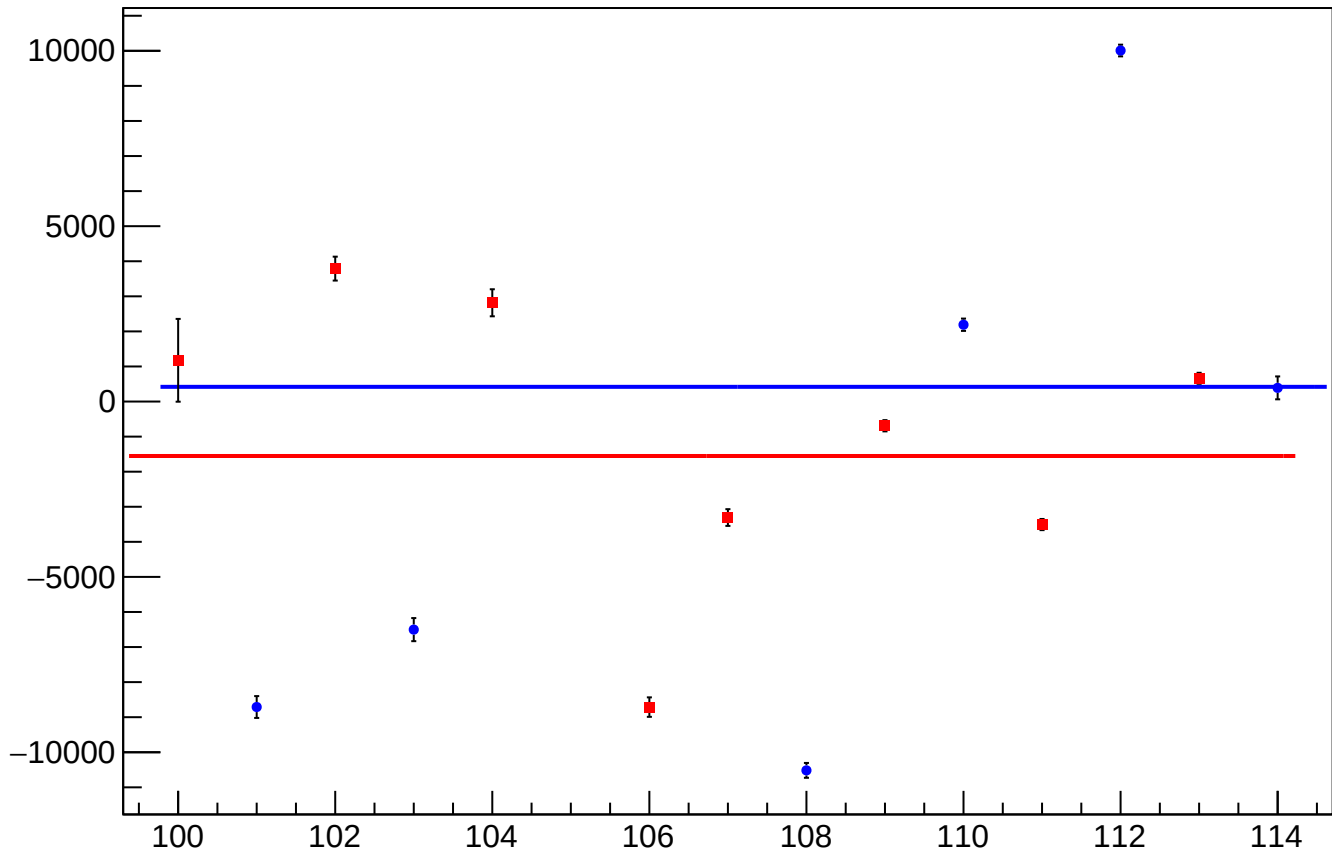
Right: 104.130+/-0.034 χ^2/NDF : 1638954.3/13

In: 109.488+/-0.053 χ^2/NDF : 727725.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.130+/-0.034 χ^2/NDF : 1638954.3/13

asym_bpm1i06WS_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

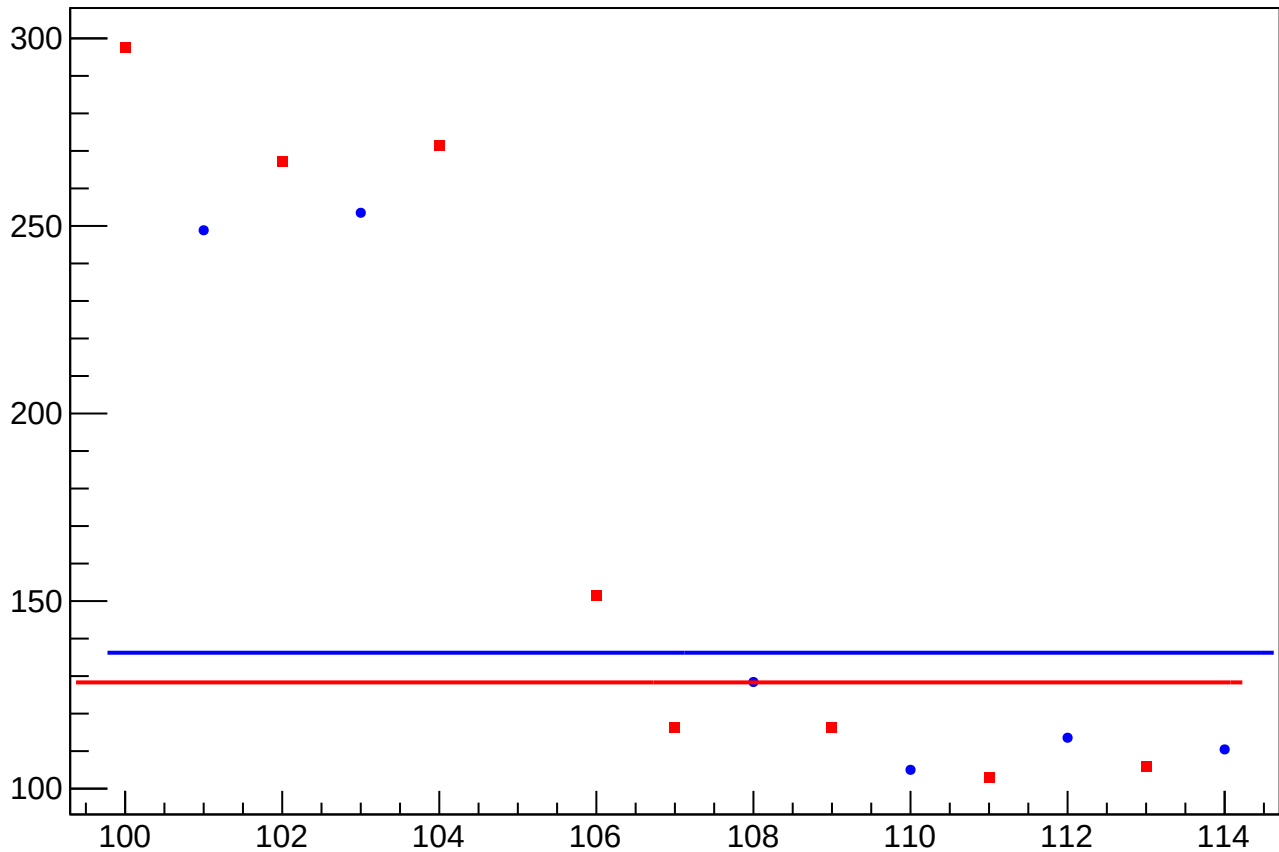
Right: -724.993+/-59.231 χ^2/NDF : 9119.7/13

In: 419.434+/-91.434 χ^2/NDF : 7372.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -724.993+/-59.231 χ^2/NDF : 9119.7/13

asym_bpm1i06WS_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

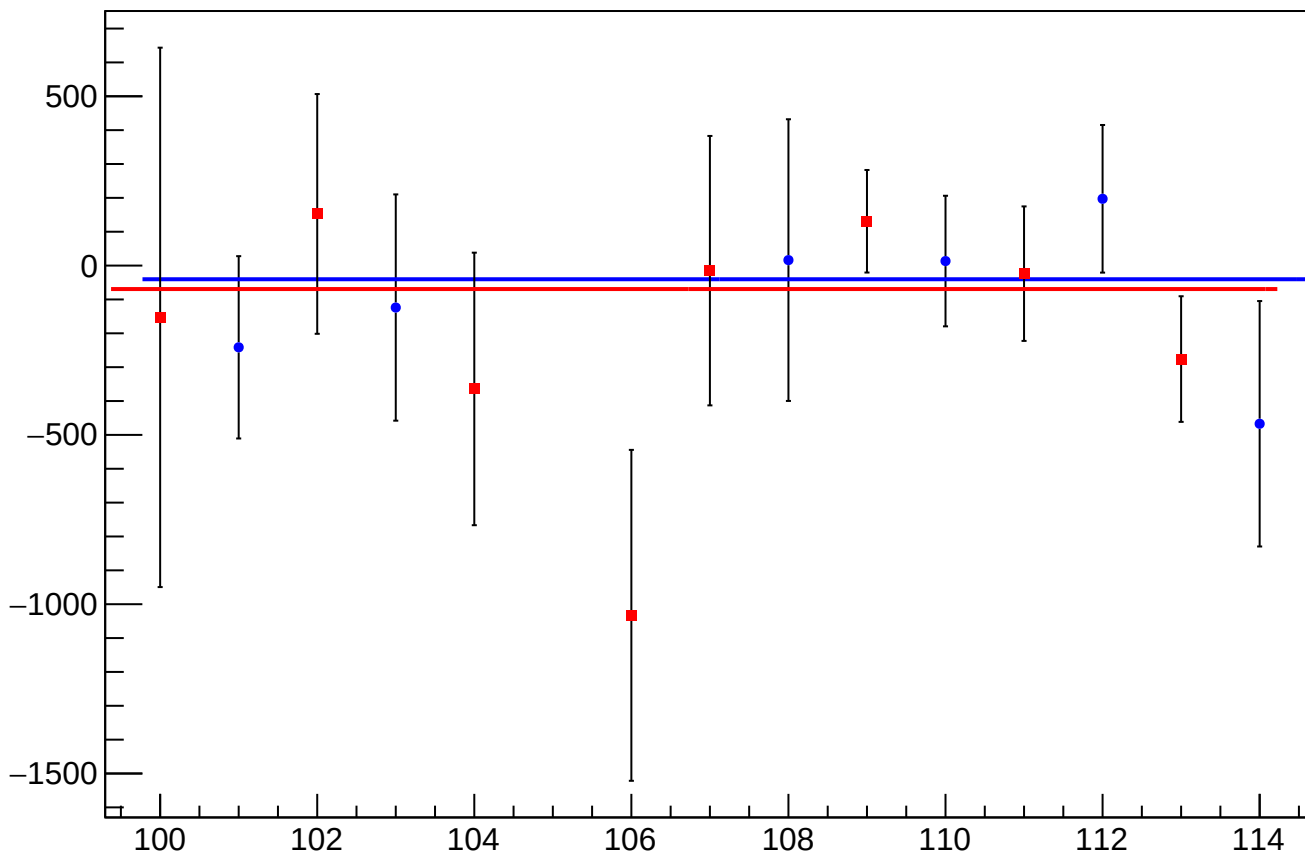
Right: 131.642+/-0.042 χ^2/NDF : 1409078.8/13

In: 136.233+/-0.065 χ^2/NDF : 630783.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.642+/-0.042 χ^2/NDF : 1409078.8/13

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -40.339 $\pm$ 109.049 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.289 $\pm$ 89.708 χ^2 /NDF: 7.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

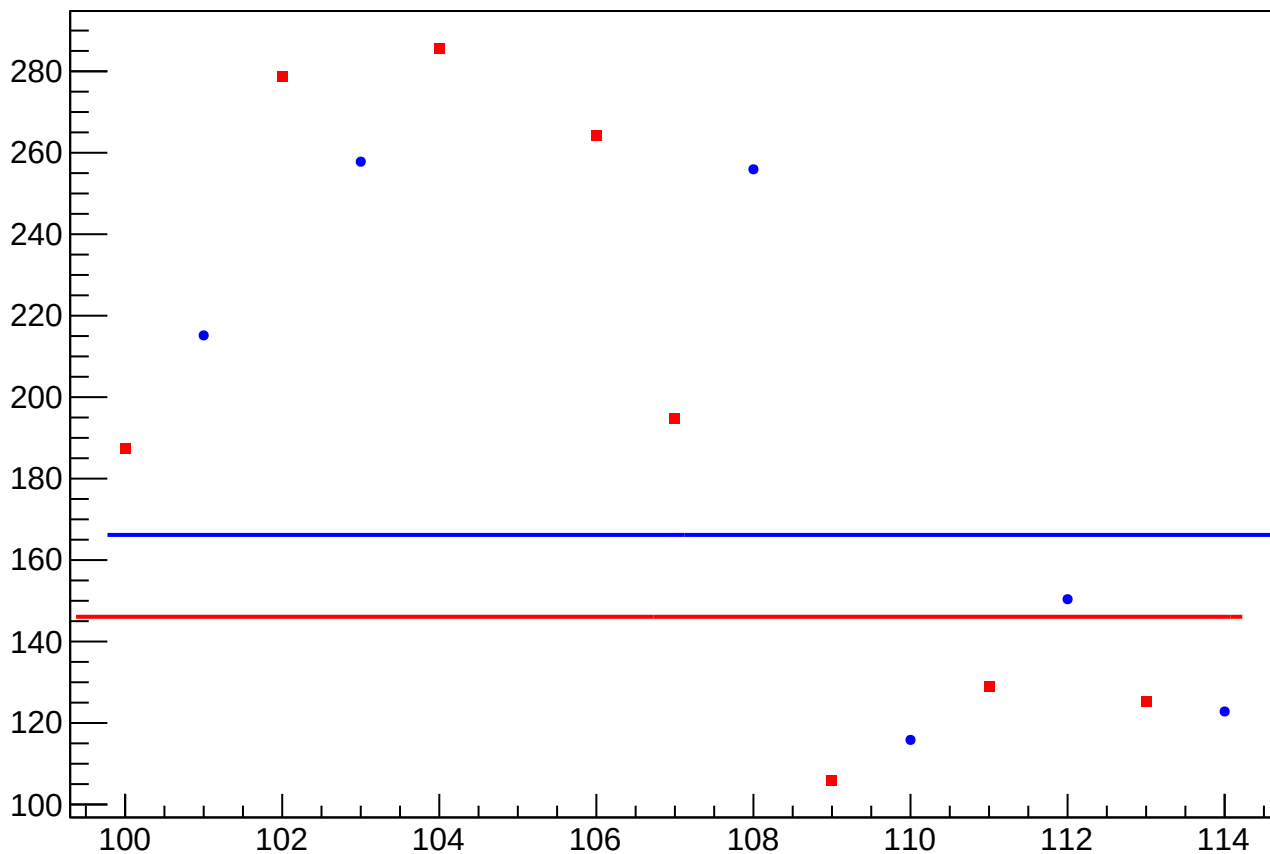
Right: -57.605 $\pm$ 69.279 χ^2 /NDF: 11.2/13

In: -40.339 $\pm$ 109.049 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.605 $\pm$ 69.279 χ^2 /NDF: 11.2/13

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 166.177+/-0.077 χ^2/NDF : 485120.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.078+/-0.063 χ^2/NDF : 854021.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

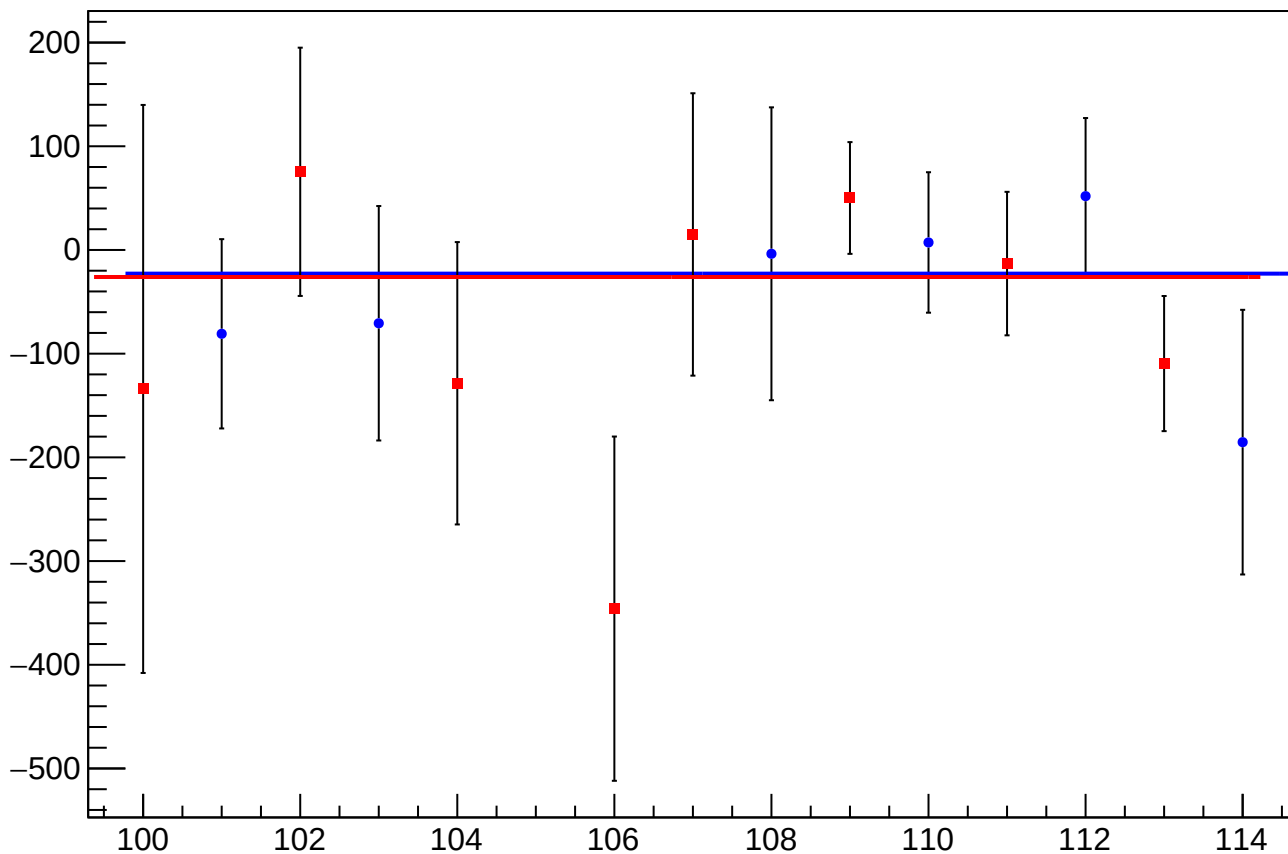
Right: 154.190+/-0.049 χ^2/NDF : 1379662.6/13

In: 166.177+/-0.077 χ^2/NDF : 485120.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.190+/-0.049 χ^2/NDF : 1379662.6/13

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -22.831+/-37.685 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.068+/-31.369 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

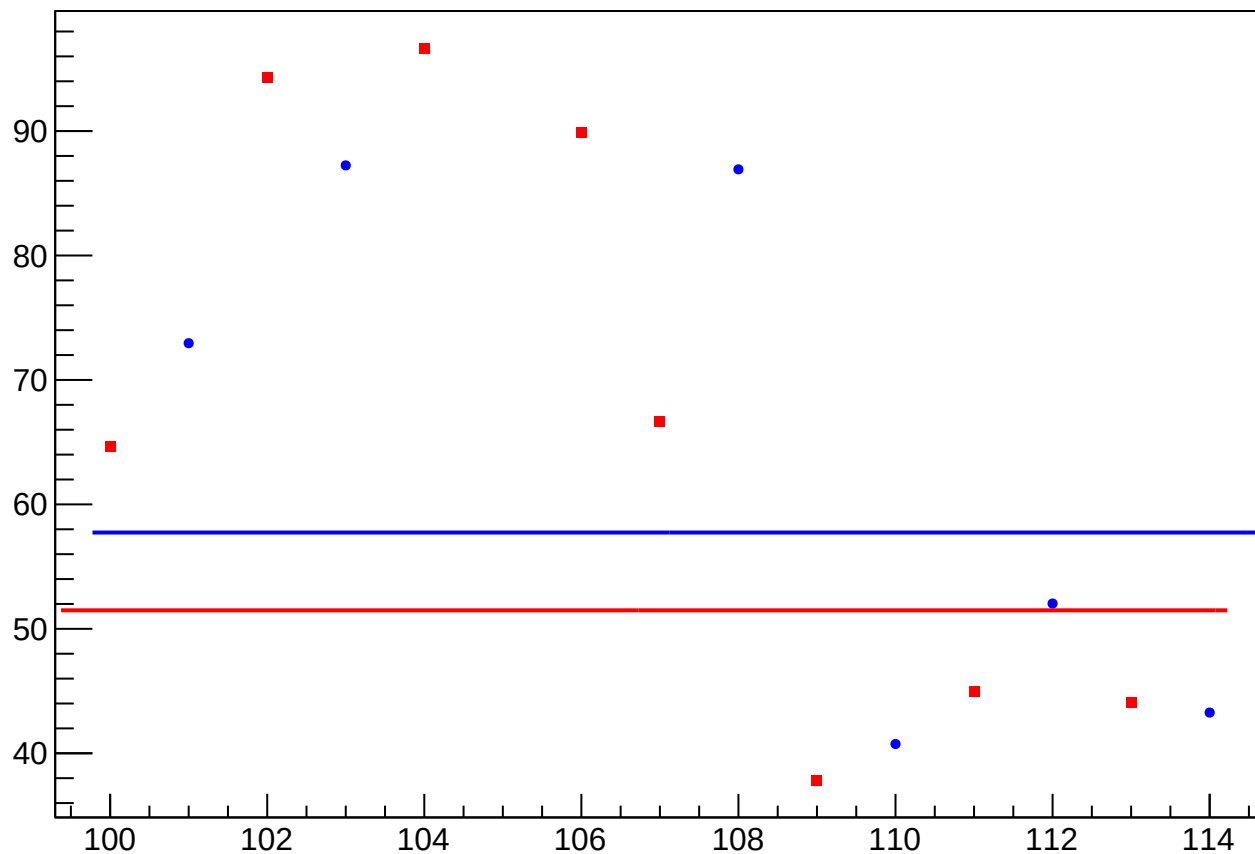
Right: -24.743+/-24.109 χ^2/NDF : 12.3/13

In: -22.831+/-37.685 χ^2/NDF :3.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.743+/-24.109 χ^2/NDF : 12.3/13

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

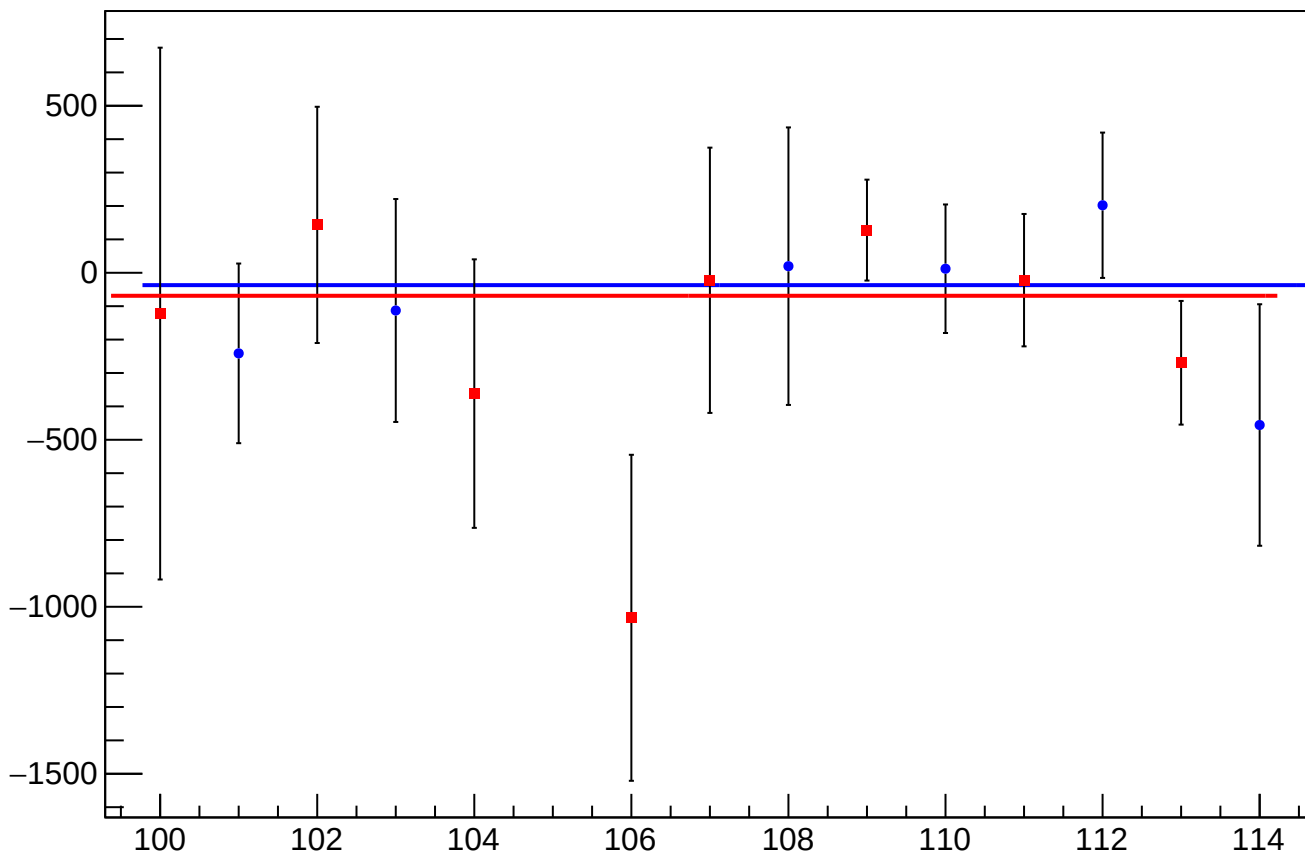
Right: 54.047+/-0.017 χ^2/NDF : 1256569.5/13

In: 57.739+/-0.027 χ^2/NDF : 440277.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.047+/-0.017 χ^2/NDF : 1256569.5/13

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -36.989 $\pm$ 108.862 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.848 $\pm$ 89.530 χ^2 /NDF: 7.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

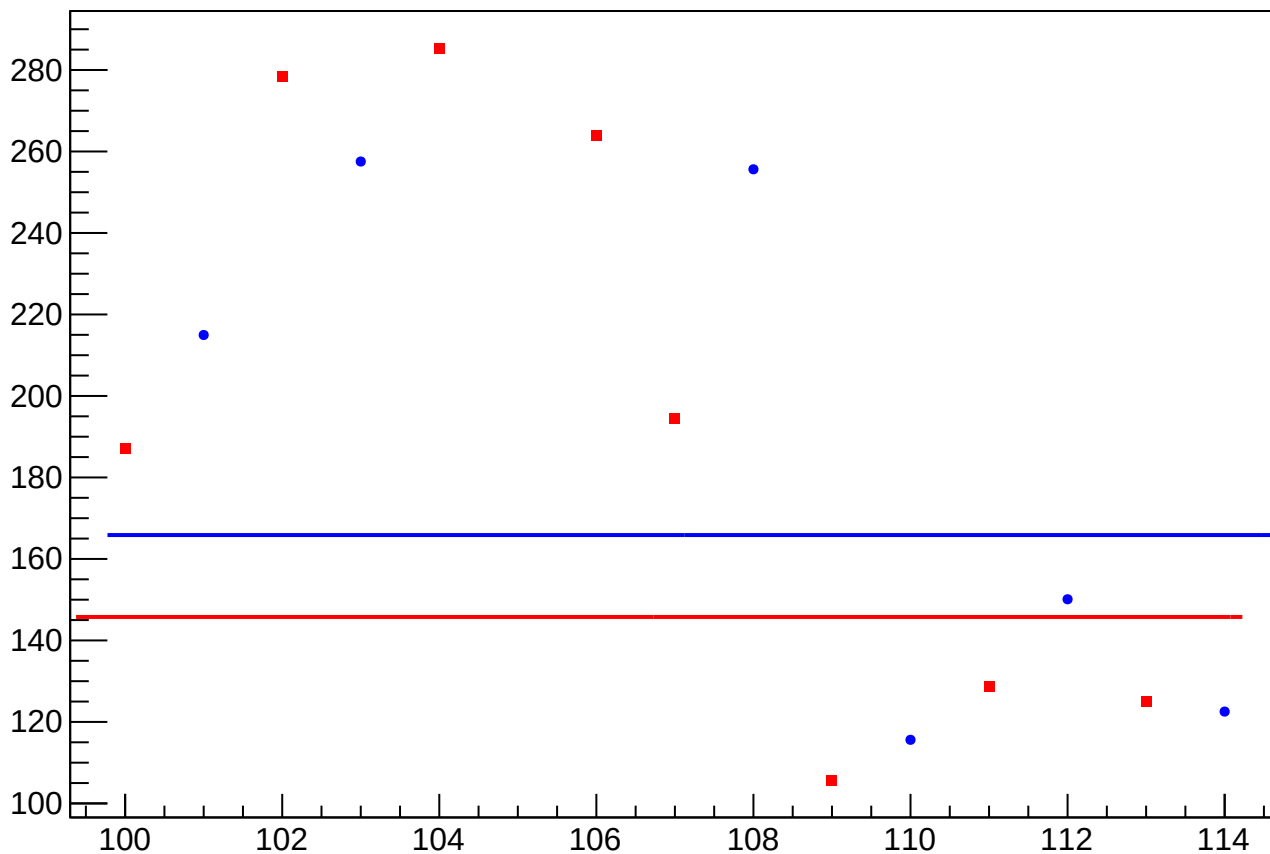
Right: -55.994 $\pm$ 69.149 χ^2 /NDF: 11.0/13

In: -36.989 $\pm$ 108.862 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.994 $\pm$ 69.149 χ^2 /NDF: 11.0/13

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 165.866+/-0.077 χ^2/NDF : 486553.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.761+/-0.063 χ^2/NDF : 855824.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

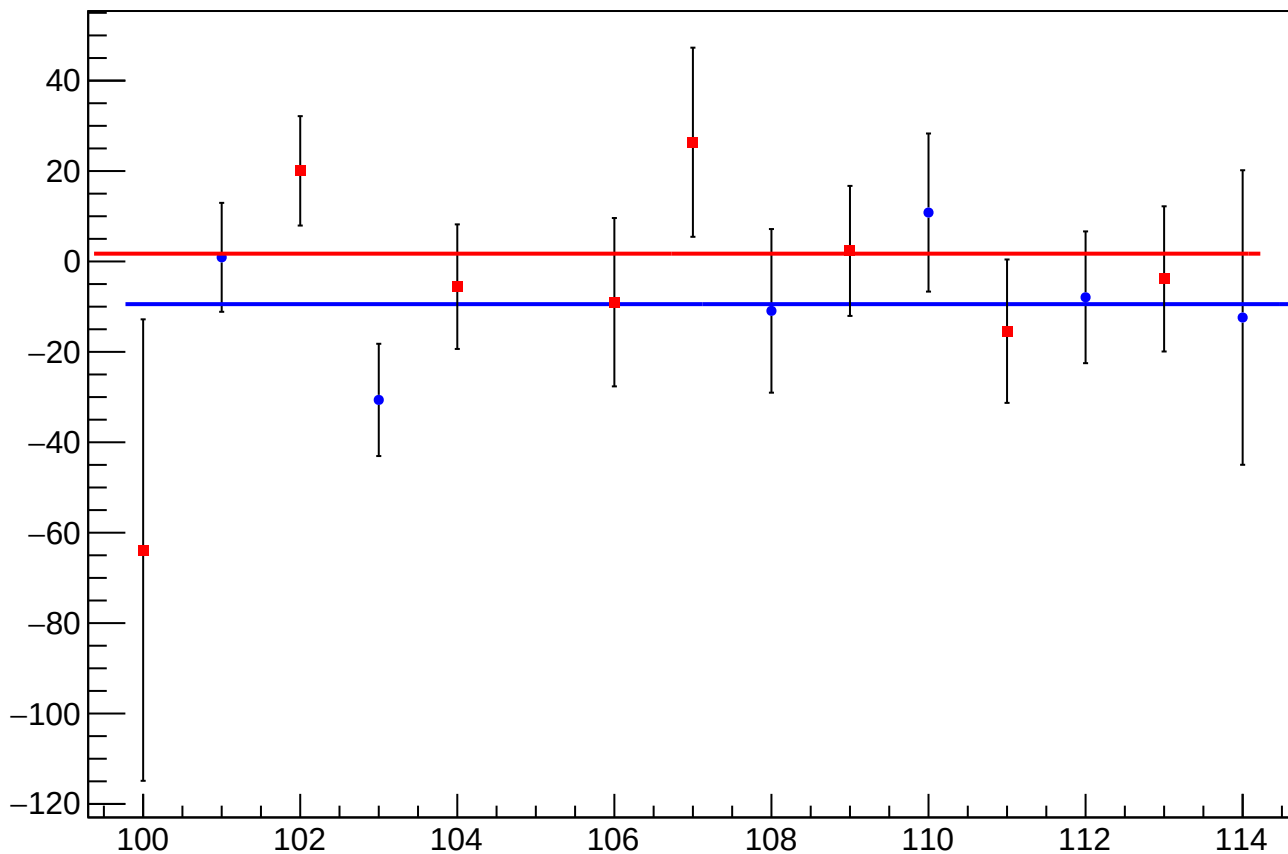
Right: 153.873+/-0.049 χ^2/NDF : 1383069.9/13

In: 165.866+/-0.077 χ^2/NDF : 486553.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.873+/-0.049 χ^2/NDF : 1383069.9/13

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

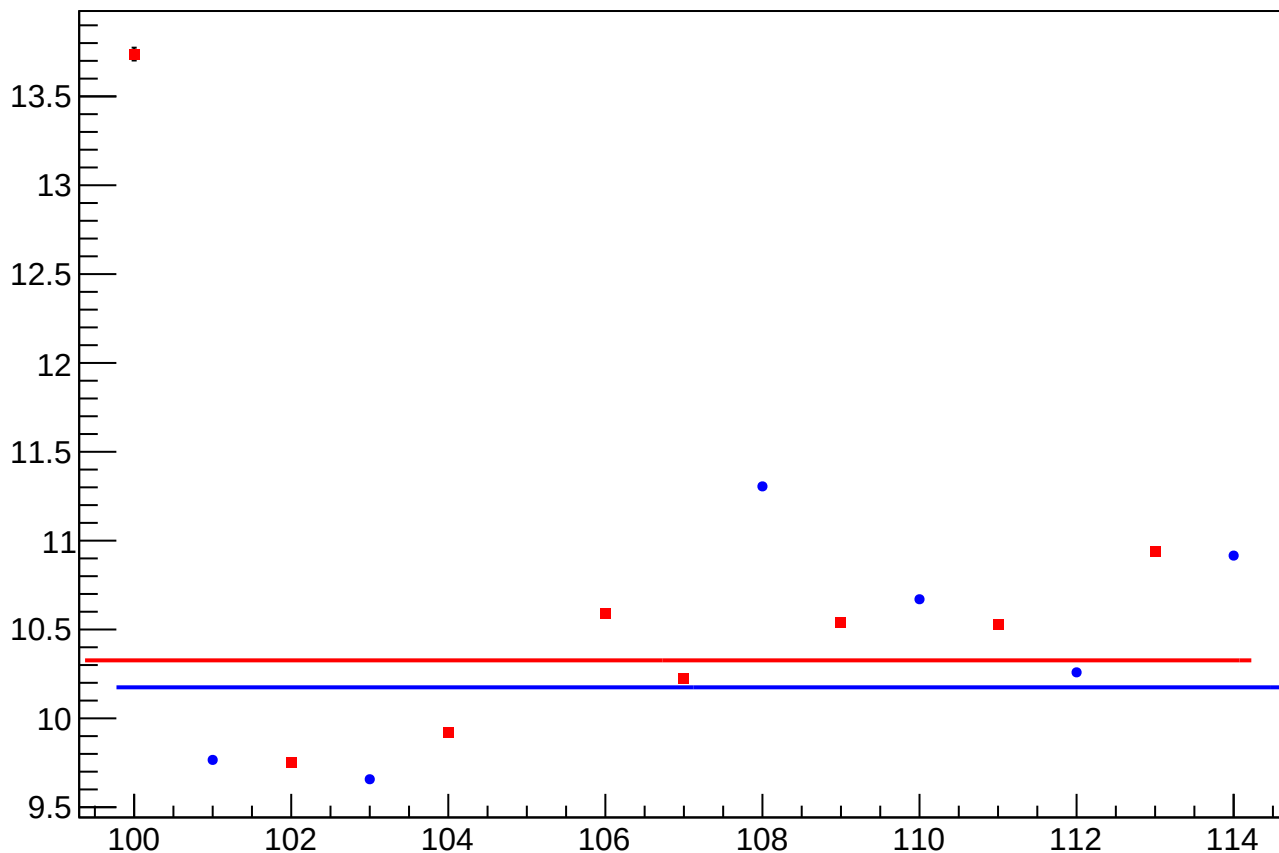
Right: -3.359+/-4.238 χ^2/NDF : 14.0/13

In: -9.442+/-6.281 χ^2/NDF : 5.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.359+/-4.238 χ^2/NDF : 14.0/13

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

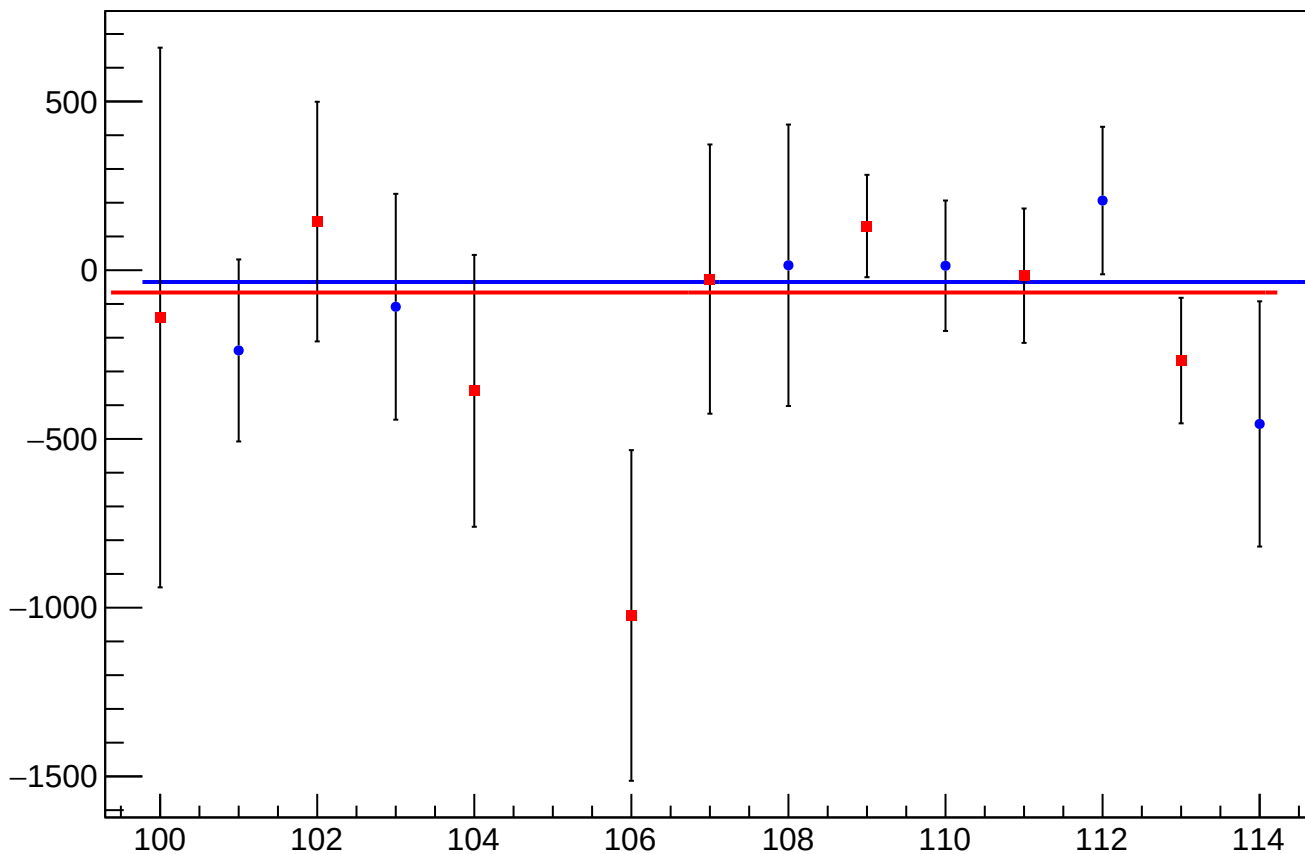
Right: 10.257+/-0.003 χ^2/NDF : 36216.1/13

In: 10.175+/-0.004 χ^2/NDF : 16285.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.257+/-0.003 χ^2/NDF : 36216.1/13

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

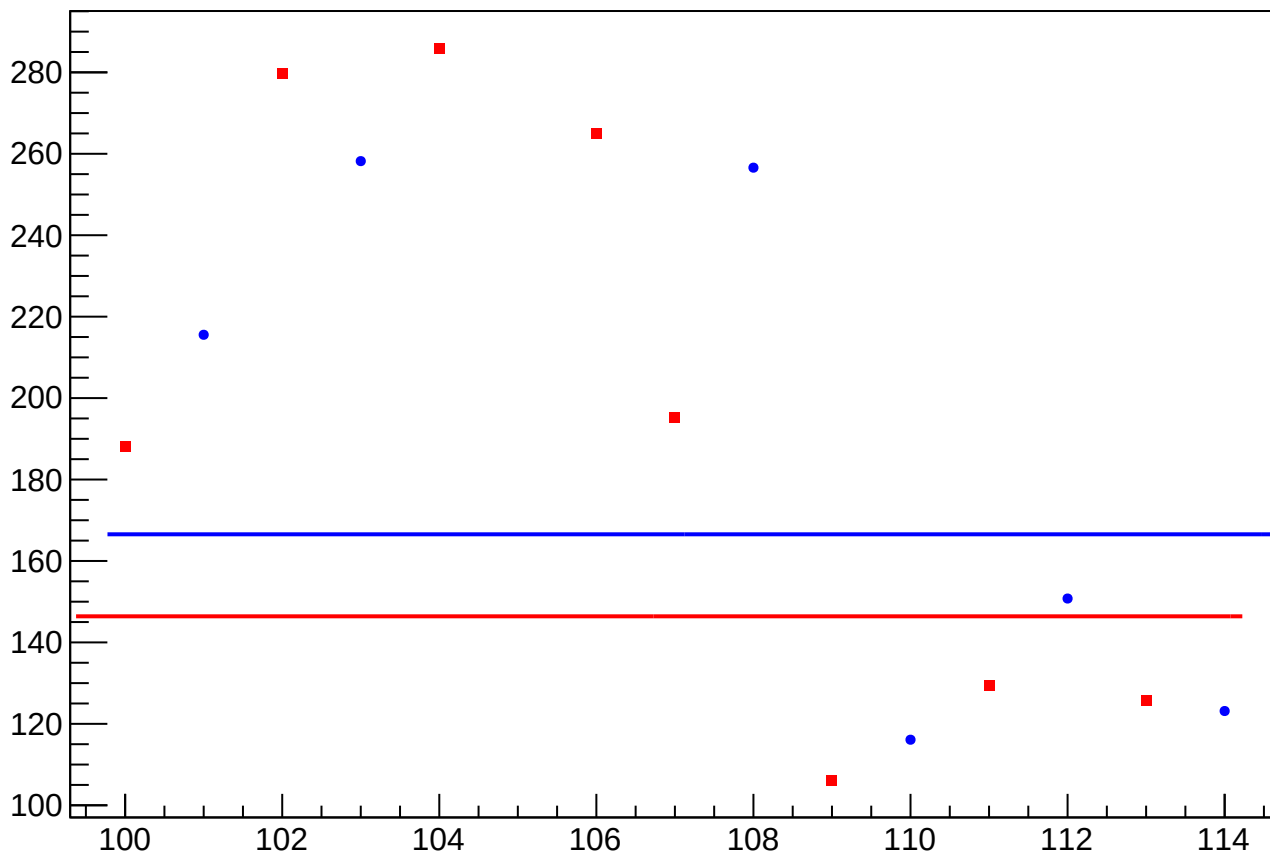
Right: -53.489+/-69.435 χ^2/NDF : 10.9/13

In: -34.923+/-109.290 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.489+/-69.435 χ^2/NDF : 10.9/13

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 166.549+/-0.077 χ^2/NDF : 484559.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.407+/-0.064 χ^2/NDF : 854143.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

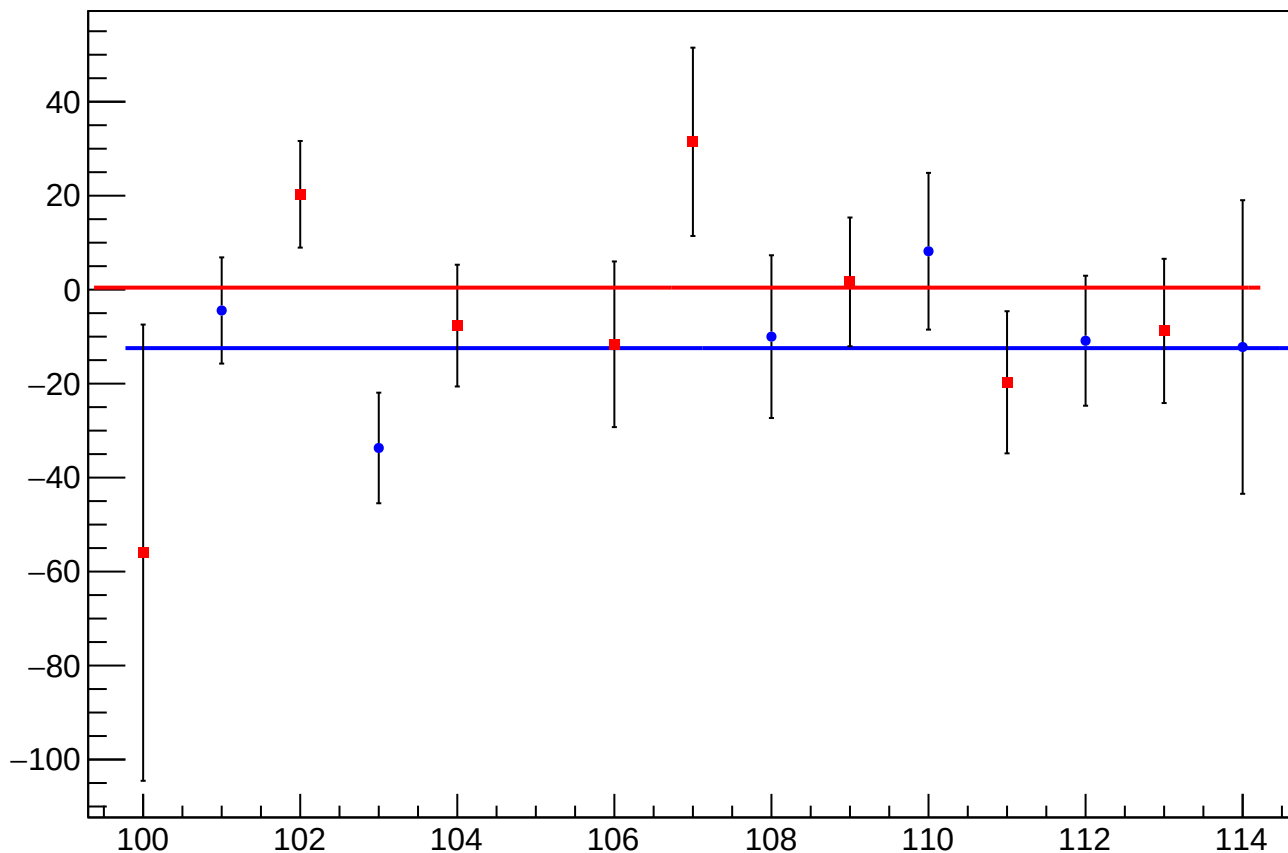
Right: 154.537+/-0.049 χ^2/NDF : 1379215.1/13

In: 166.549+/-0.077 χ^2/NDF : 484559.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.537+/-0.049 χ^2/NDF : 1379215.1/13

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -12.443+/-5.952 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.431+/-5.440 χ^2/NDF : 9.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

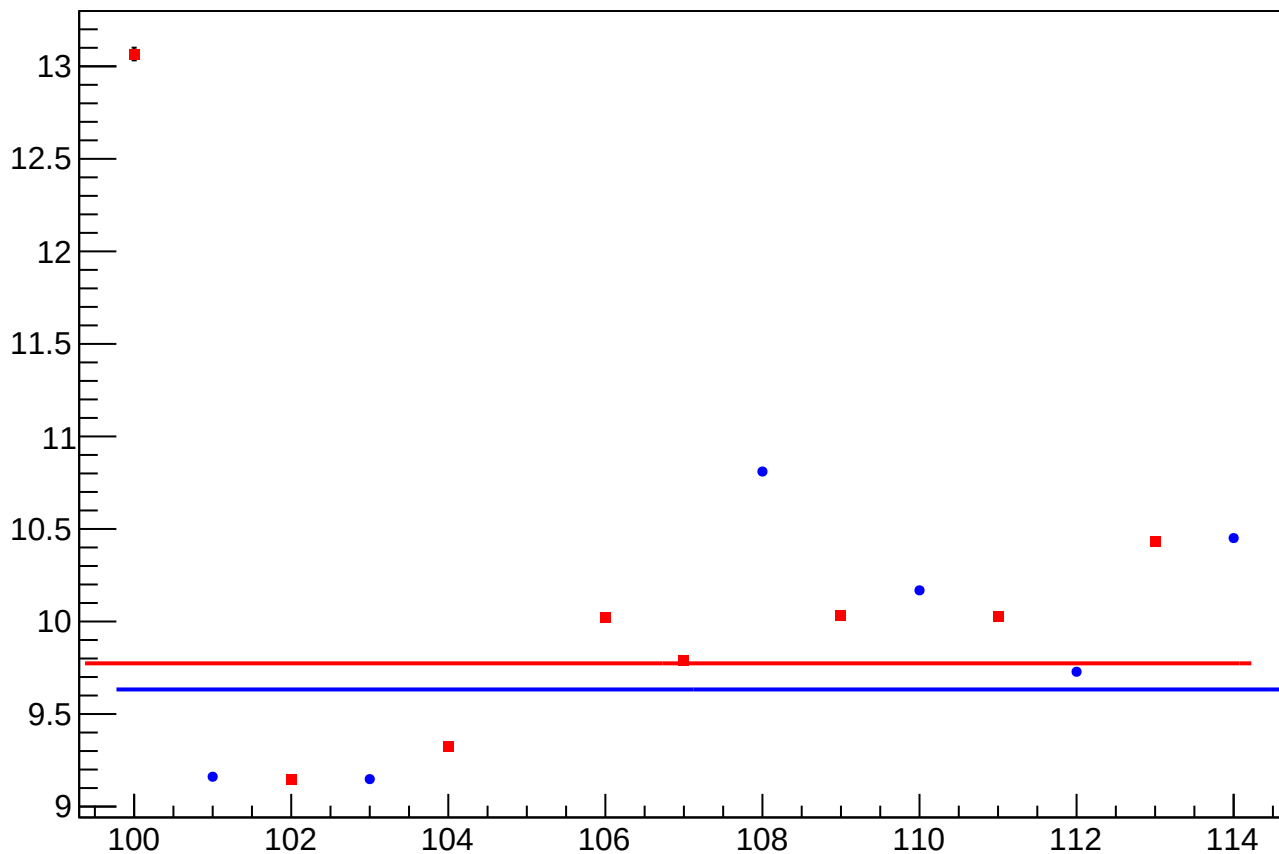
Right: -5.428+/-4.015 χ^2/NDF : 17.7/13

In: -12.443+/-5.952 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.428+/-4.015 χ^2/NDF : 17.7/13

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.633+/-0.004 χ^2/NDF : 19645.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.774+/-0.004 χ^2/NDF : 23054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

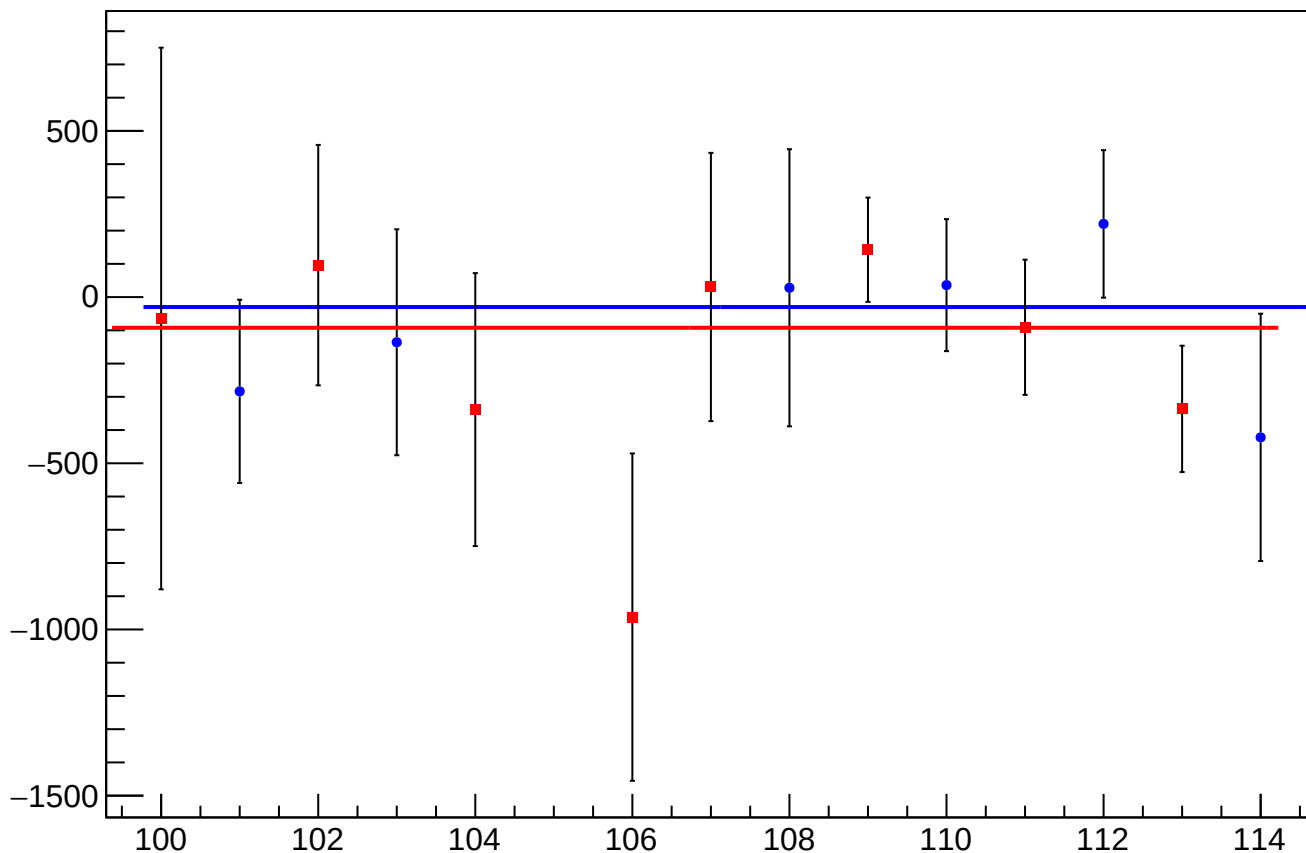
Right: 9.710+/-0.003 χ^2/NDF : 43313.4/13

In: 9.633+/-0.004 χ^2/NDF : 19645.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.710+/-0.003 χ^2/NDF : 43313.4/13

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -29.906 $\pm$ 111.488 χ^2 /NDF: 3.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -92.201 $\pm$ 92.111 χ^2 /NDF: 7.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

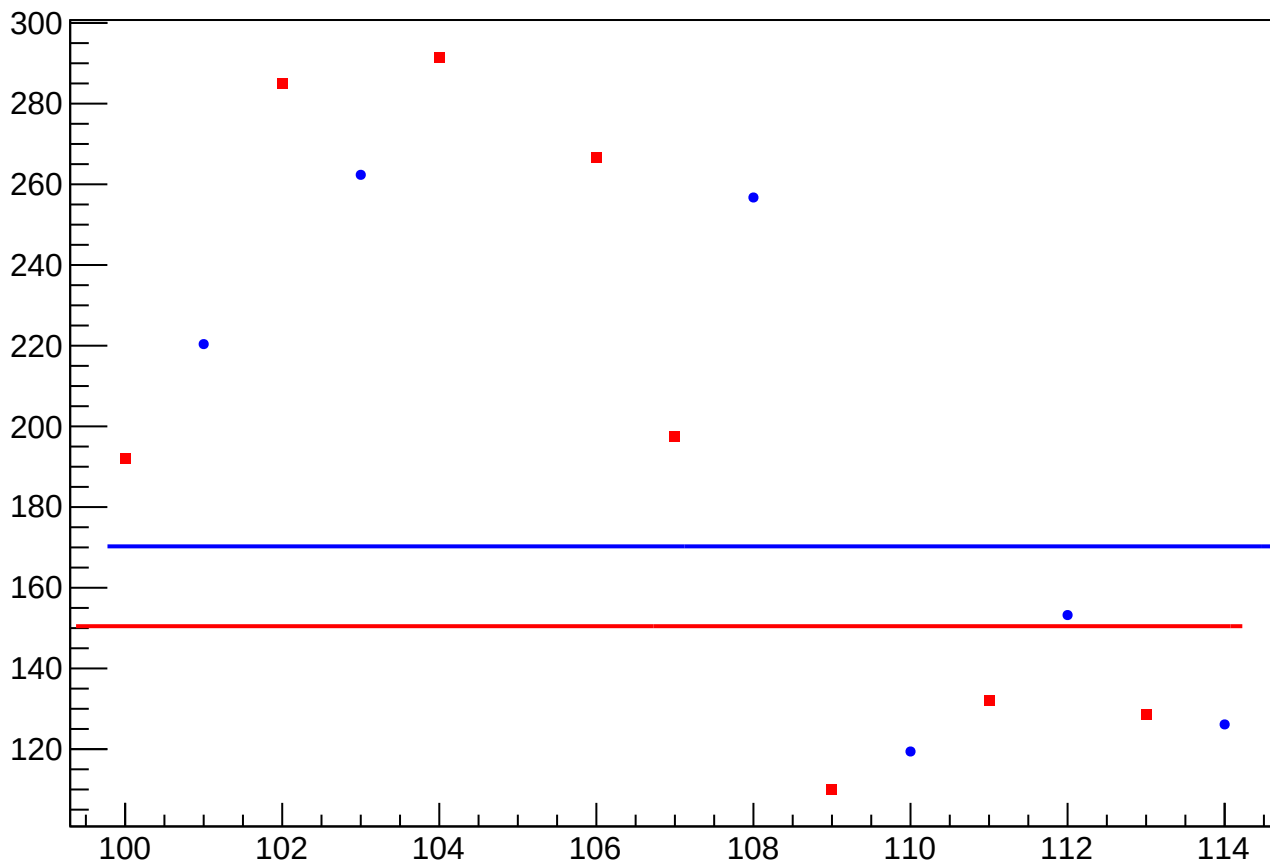
Right: -66.929 $\pm$ 71.010 χ^2 /NDF: 11.4/13

In: -29.906 $\pm$ 111.488 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.929 $\pm$ 71.010 χ^2 /NDF: 11.4/13

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.261+/-0.079 χ^2/NDF : 469982.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.474+/-0.065 χ^2/NDF : 831242.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

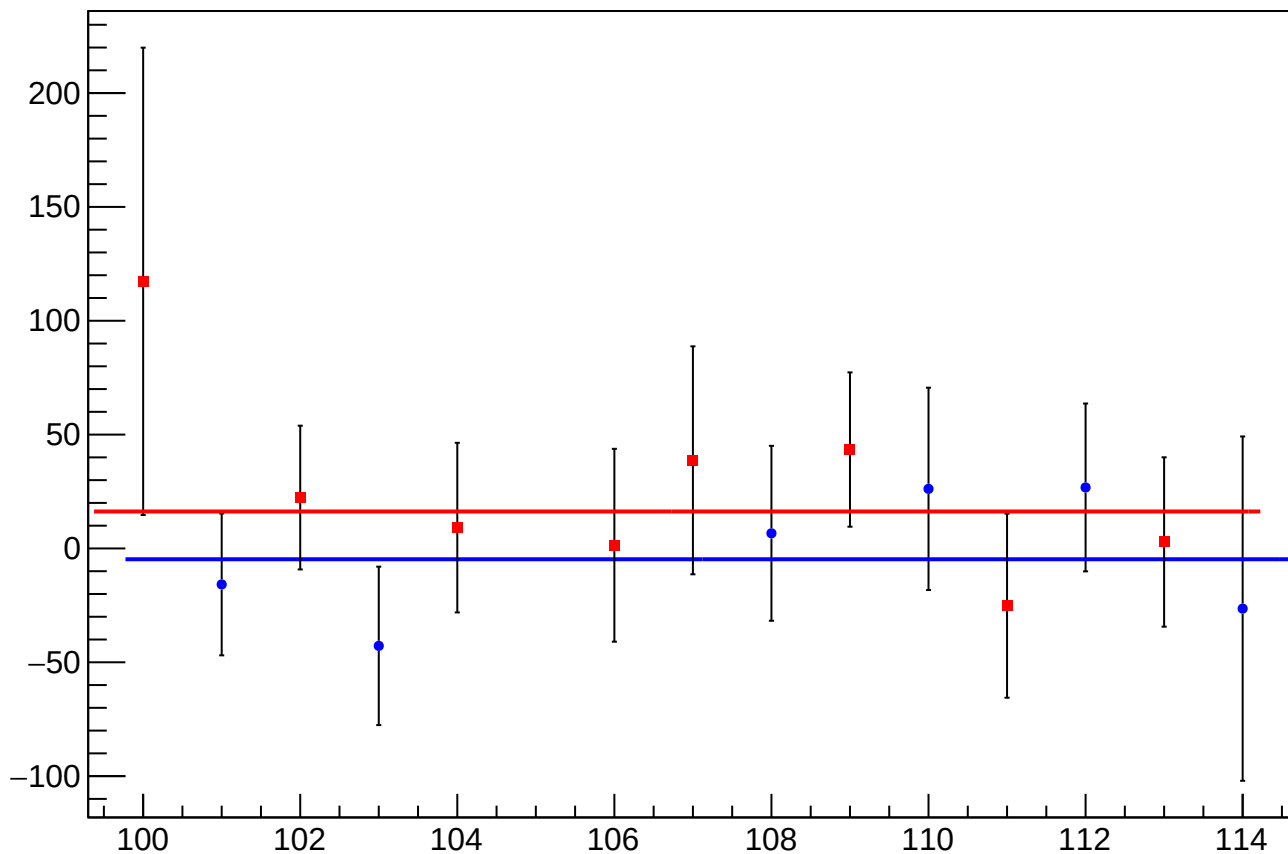
Right: 158.501+/-0.050 χ^2/NDF : 1338666.0/13

In: 170.261+/-0.079 χ^2/NDF : 469982.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.501+/-0.050 χ^2/NDF : 1338666.0/13

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.750 ± 15.907 $\chi^2/\text{NDF}: 2.7/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.231 ± 14.168 $\chi^2/\text{NDF}: 3.2/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

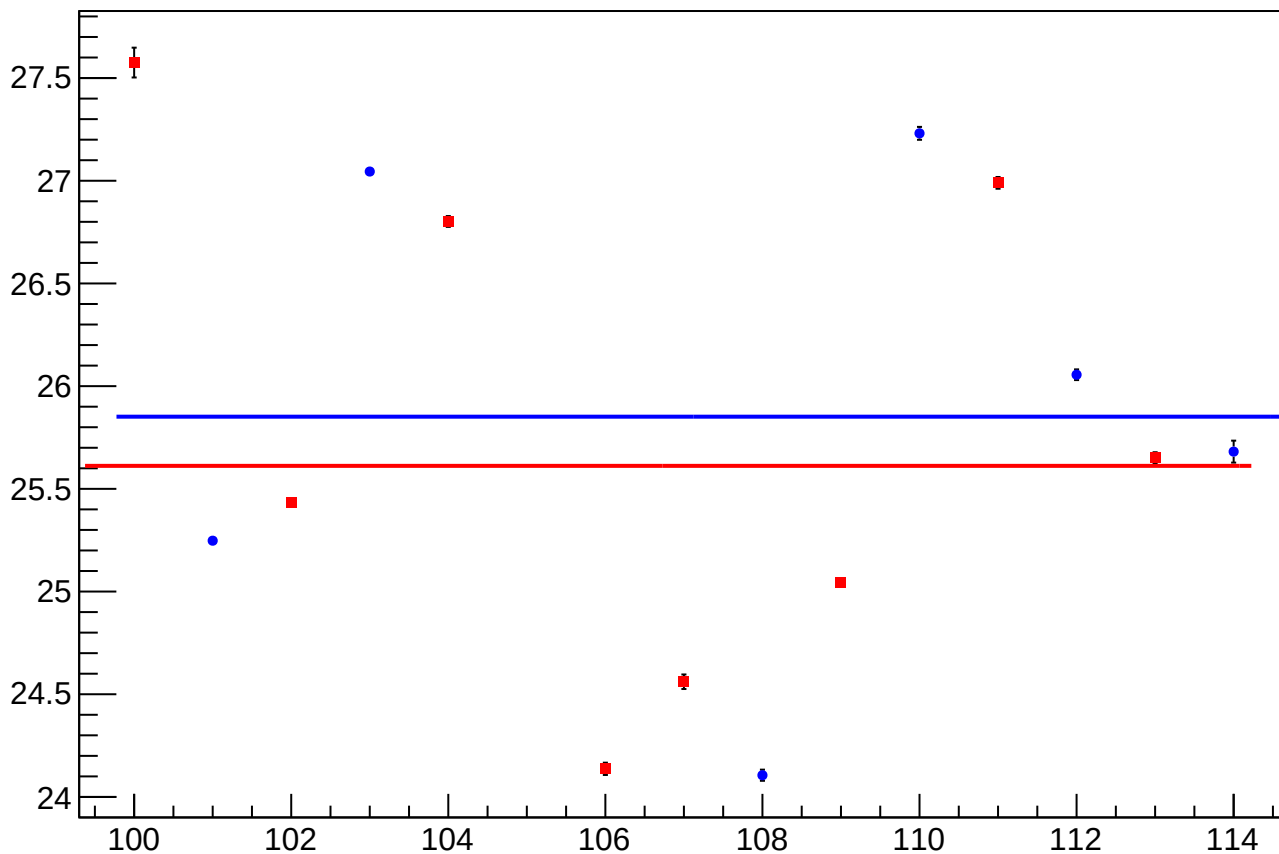
Right: 6.949 ± 10.580 $\chi^2/\text{NDF}: 6.9/13$

In: -4.750 ± 15.907 $\chi^2/\text{NDF}: 2.7/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.949 ± 10.580 $\chi^2/\text{NDF}: 6.9/13$

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

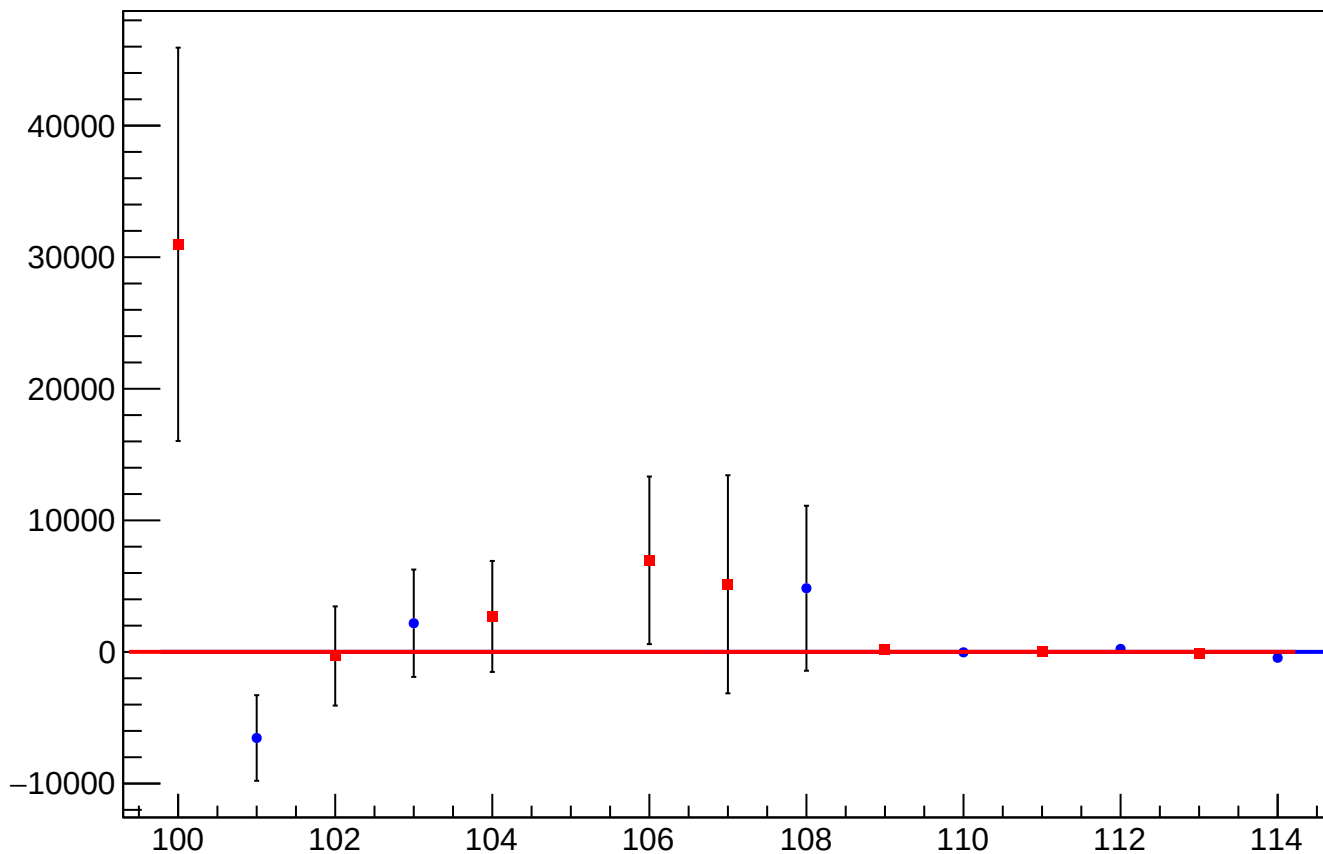
Right: 25.718+/-0.007 χ^2/NDF : 18522.2/13

In: 25.851+/-0.011 χ^2/NDF : 9234.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.718+/-0.007 χ^2/NDF : 18522.2/13

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

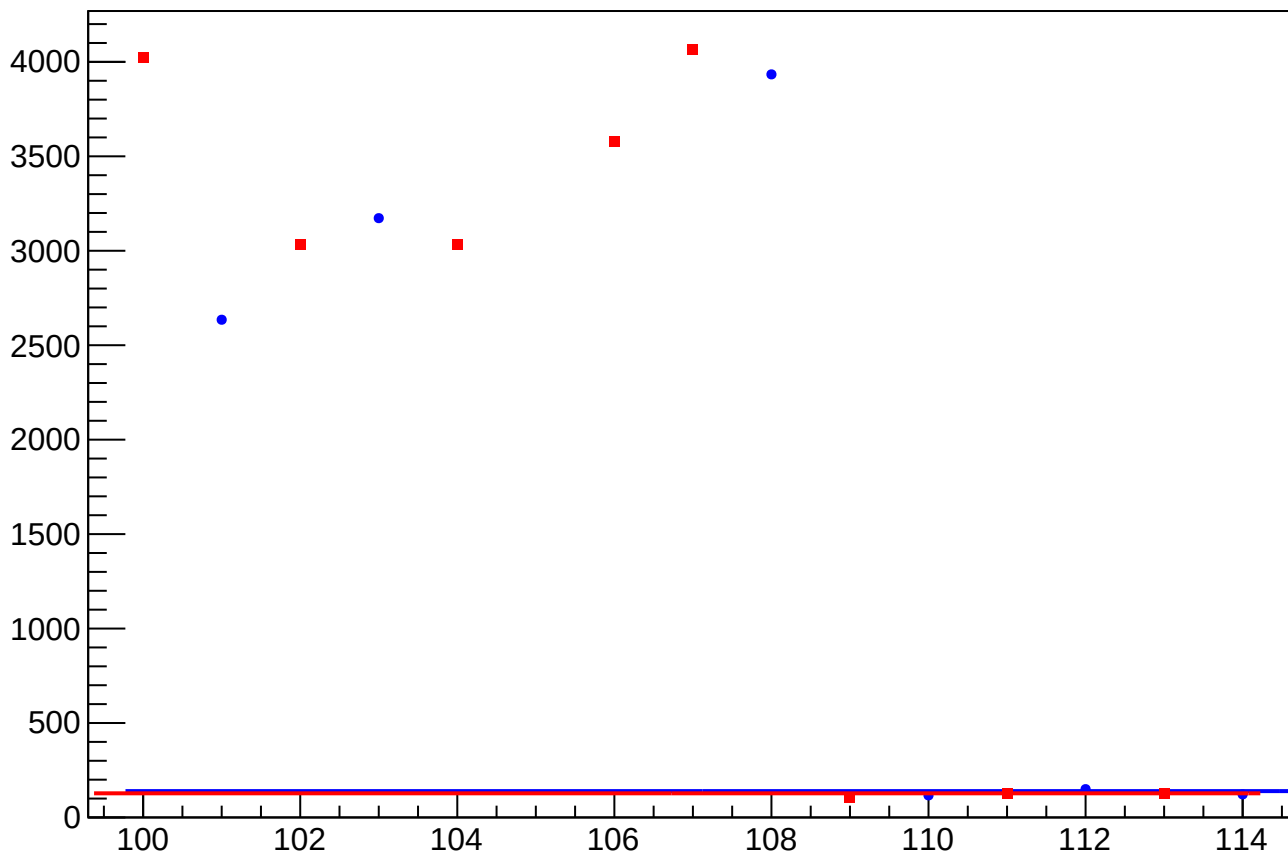
Right: 7.578+/-86.659 χ^2/NDF : 15.2/13

In: 7.172+/-134.108 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.578+/-86.659 χ^2/NDF : 15.2/13

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 139.491+/-0.095 χ^2/NDF : 3051268.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.765+/-0.080 χ^2/NDF : 3335604.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

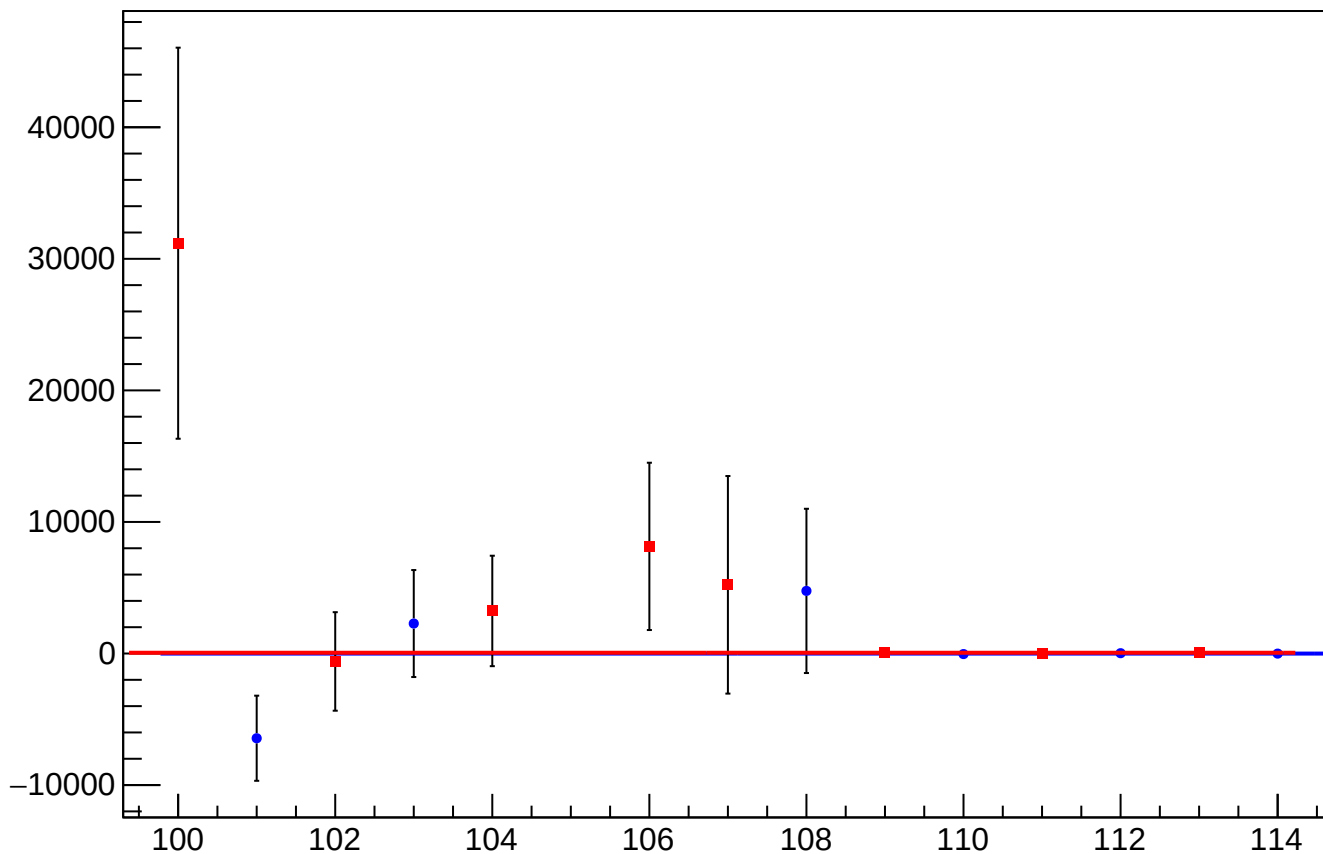
Right: 132.661+/-0.061 χ^2/NDF : 6395779.9/13

In: 139.491+/-0.095 χ^2/NDF :3051268.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.661+/-0.061 χ^2/NDF : 6395779.9/13

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

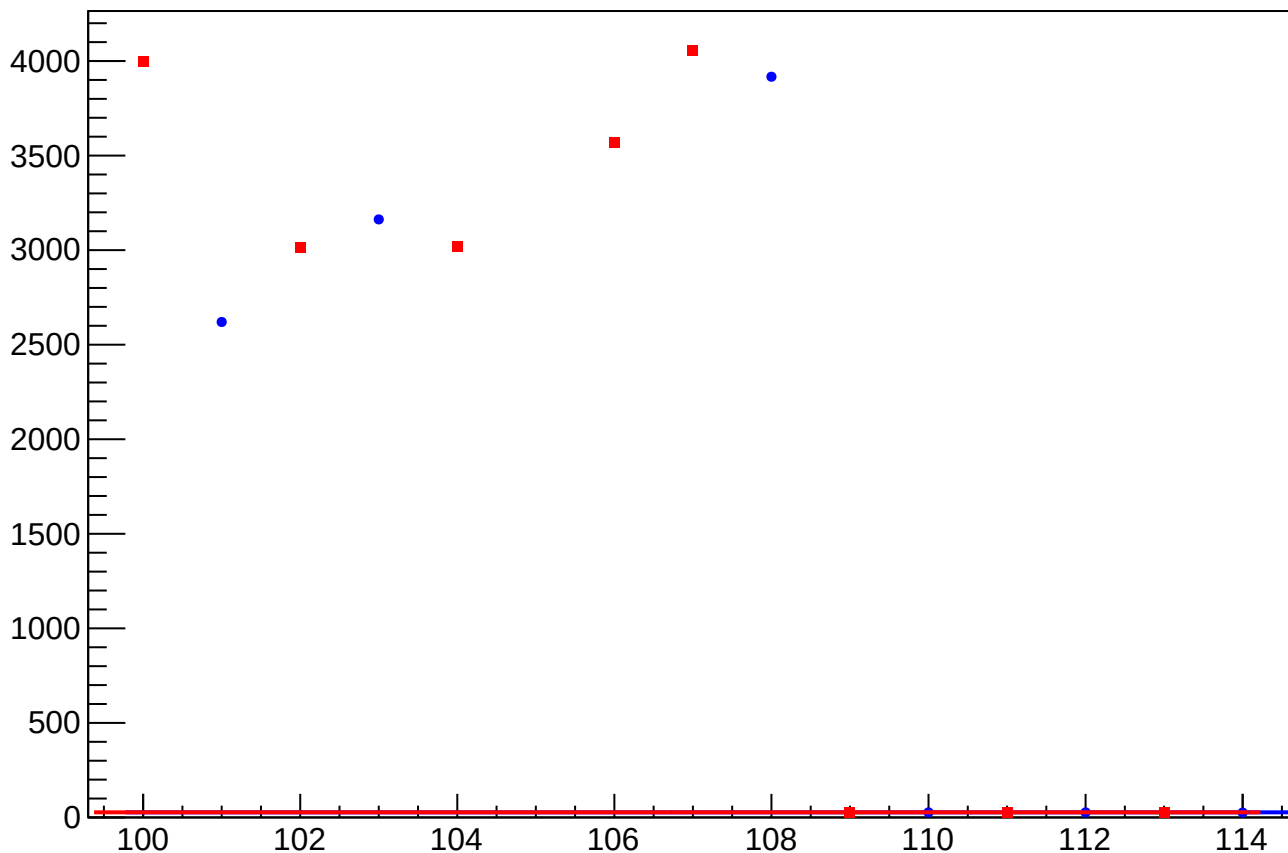
Right: 29.042+/-18.101 χ^2/NDF : 19.0/13

In: -5.096+/-26.820 χ^2/NDF : 6.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.042+/-18.101 χ^2/NDF : 19.0/13

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

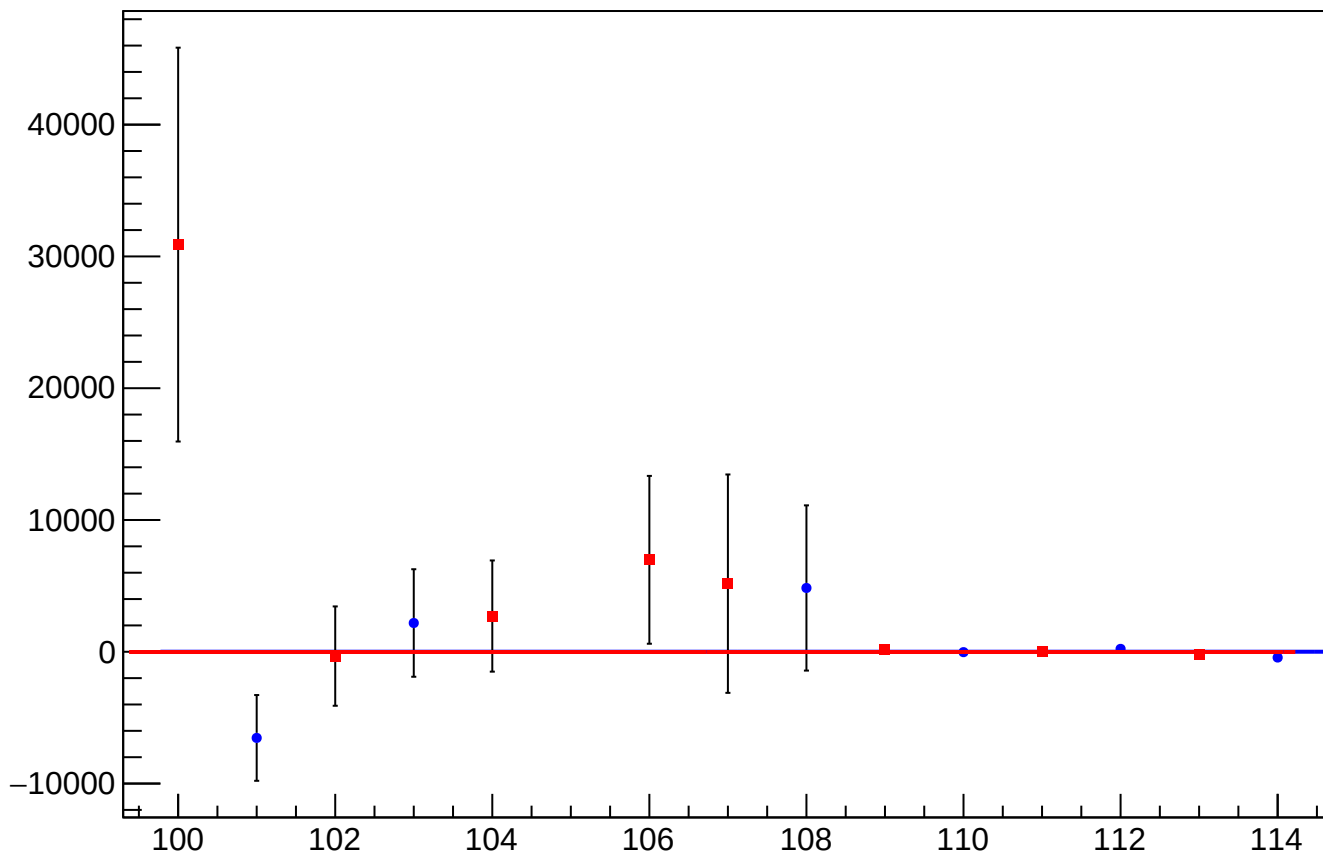
Right: 27.104+/-0.013 χ^2/NDF : 6782469.4/13

In: 27.076+/-0.019 χ^2/NDF : 3251244.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.104+/-0.013 χ^2/NDF : 6782469.4/13

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

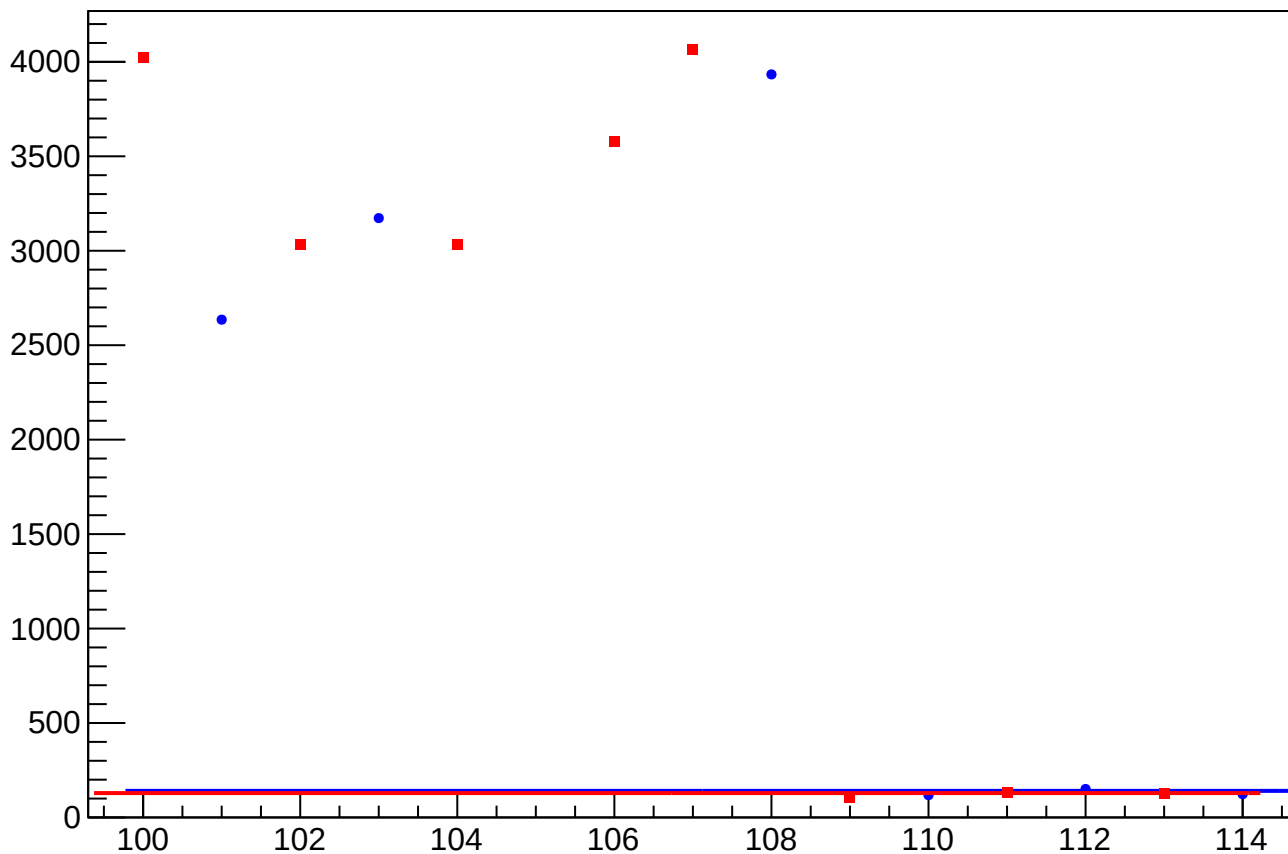
Right: -8.415+/-87.380 χ^2/NDF : 15.4/13

In: 3.957+/-135.157 χ^2/NDF : 7.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.415+/-87.380 χ^2/NDF : 15.4/13

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

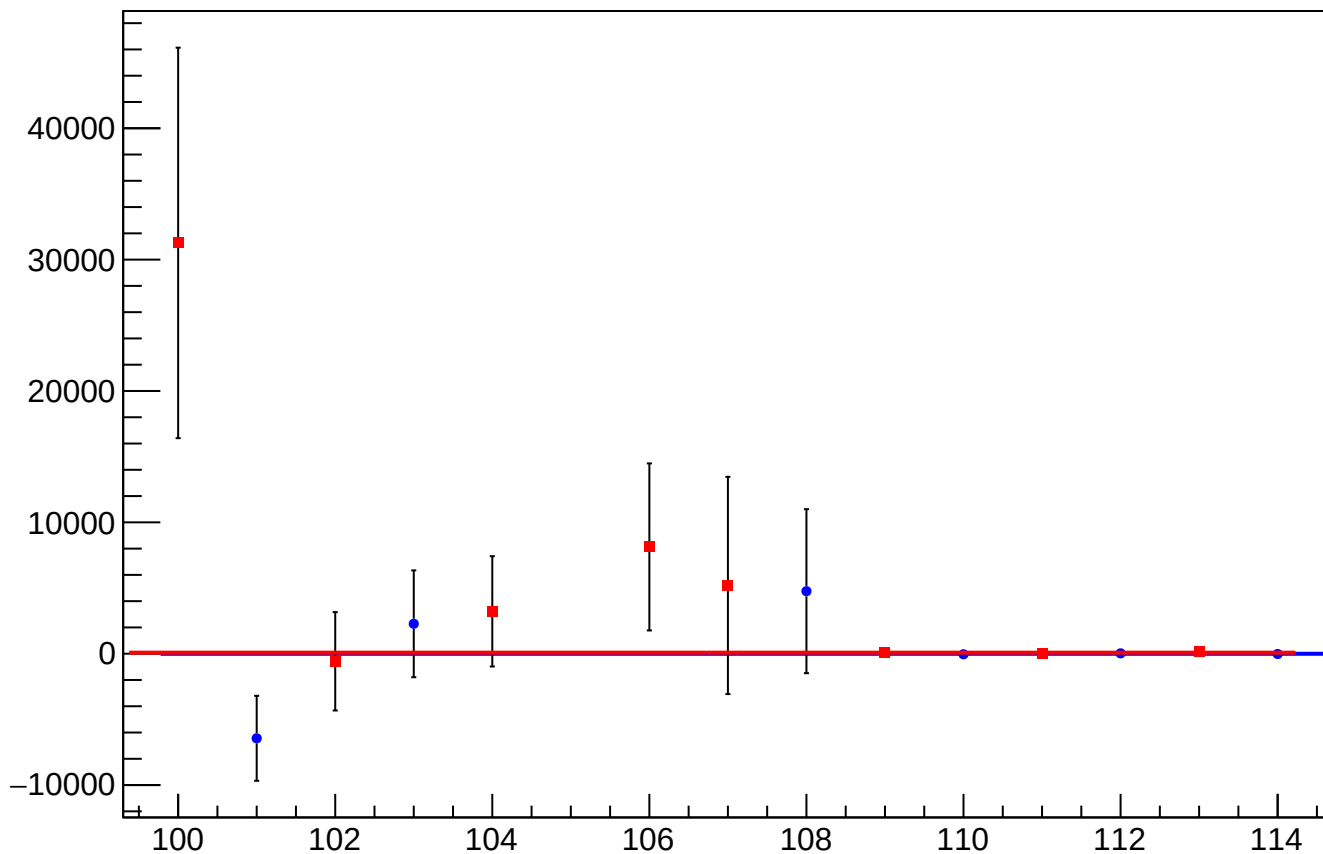
Right: 133.922 $\pm$ 0.062 χ^2 /NDF: 6388595.4/13

In: 140.732 $\pm$ 0.096 χ^2 /NDF:3047668.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.922 $\pm$ 0.062 χ^2 /NDF: 6388595.4/13

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

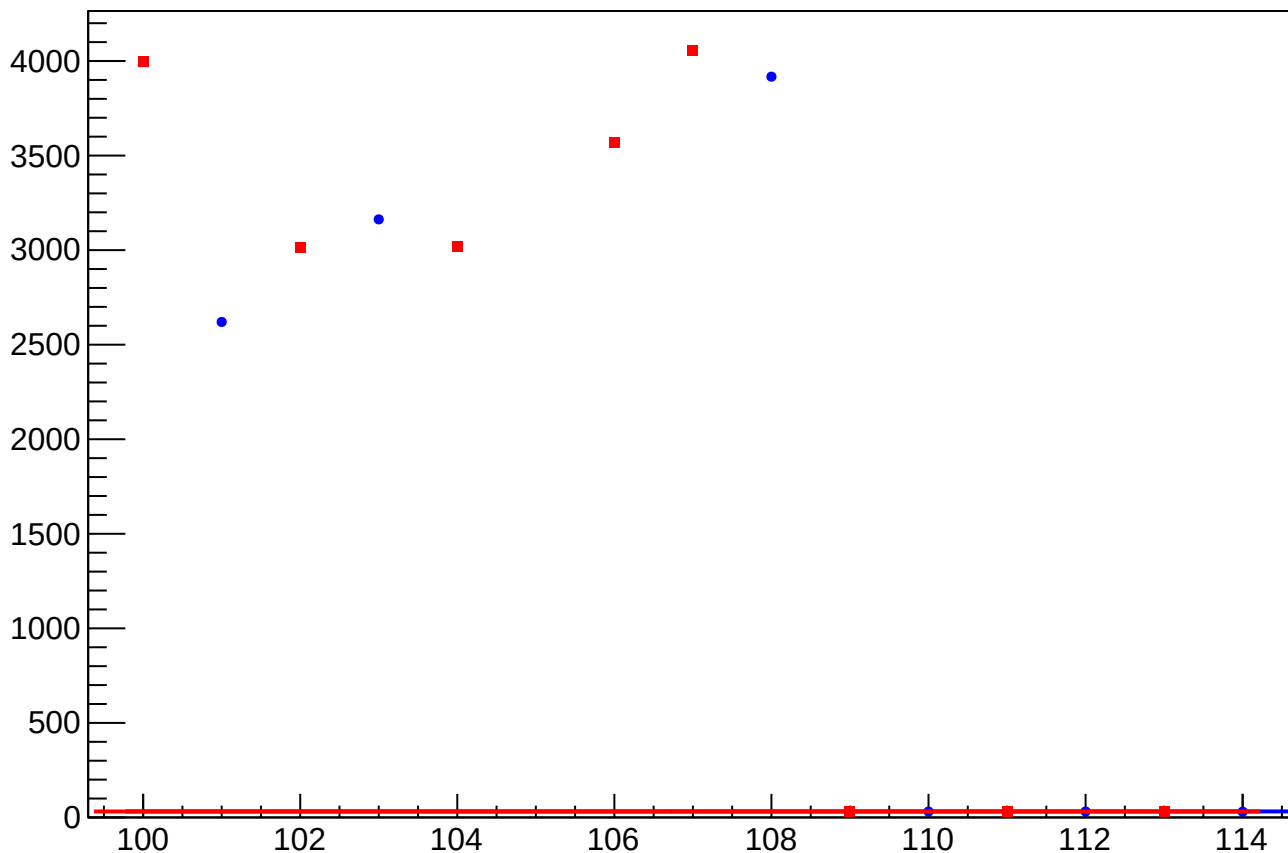
Right: 41.294+/-21.113 χ^2/NDF : 20.2/13

In: -5.654+/-31.417 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.294+/-21.113 χ^2/NDF : 20.2/13

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.812+/-0.022 χ^2/NDF : 3241130.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.606+/-0.020 χ^2/NDF : 3521659.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

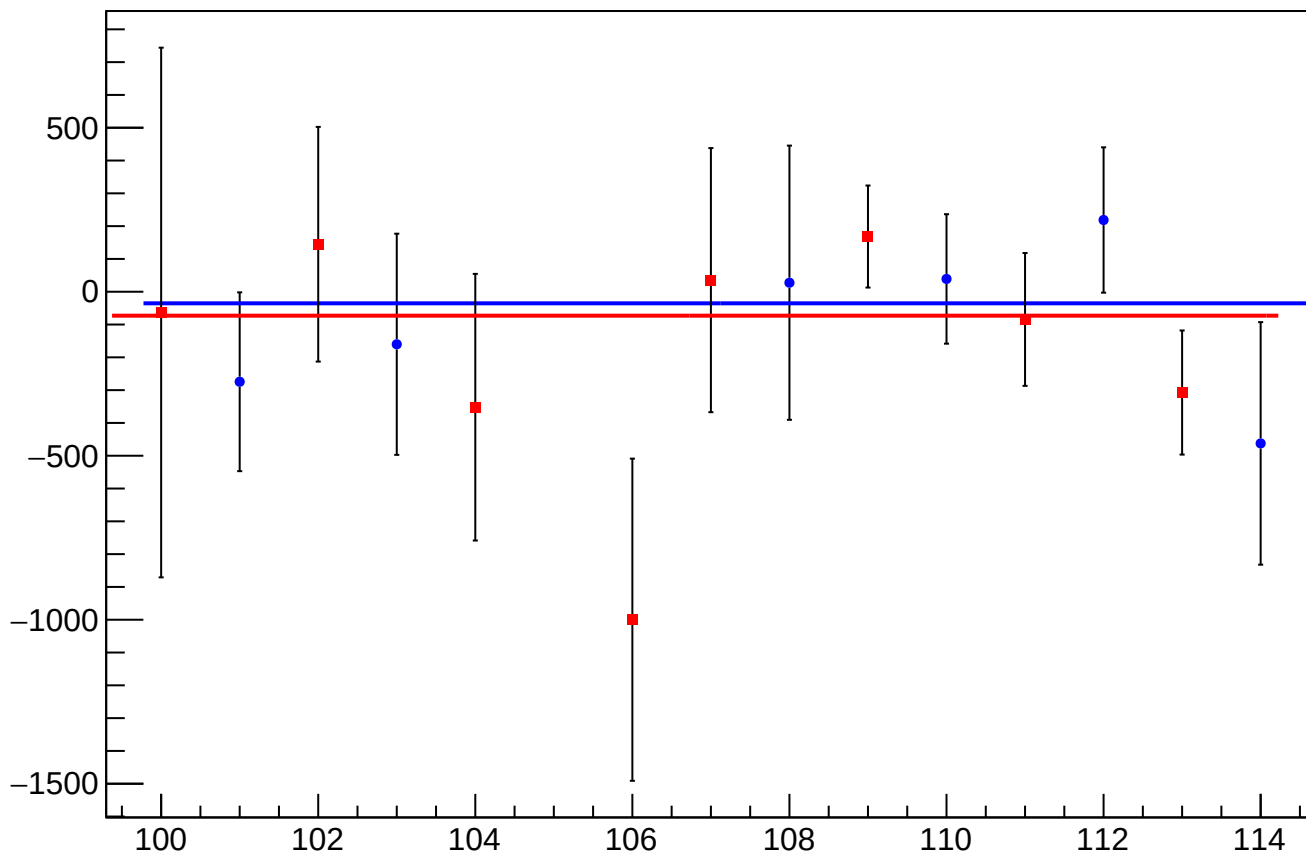
Right: 31.699+/-0.015 χ^2/NDF : 6762837.1/13

In: 31.812+/-0.022 χ^2/NDF : 3241130.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.699+/-0.015 χ^2/NDF : 6762837.1/13

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

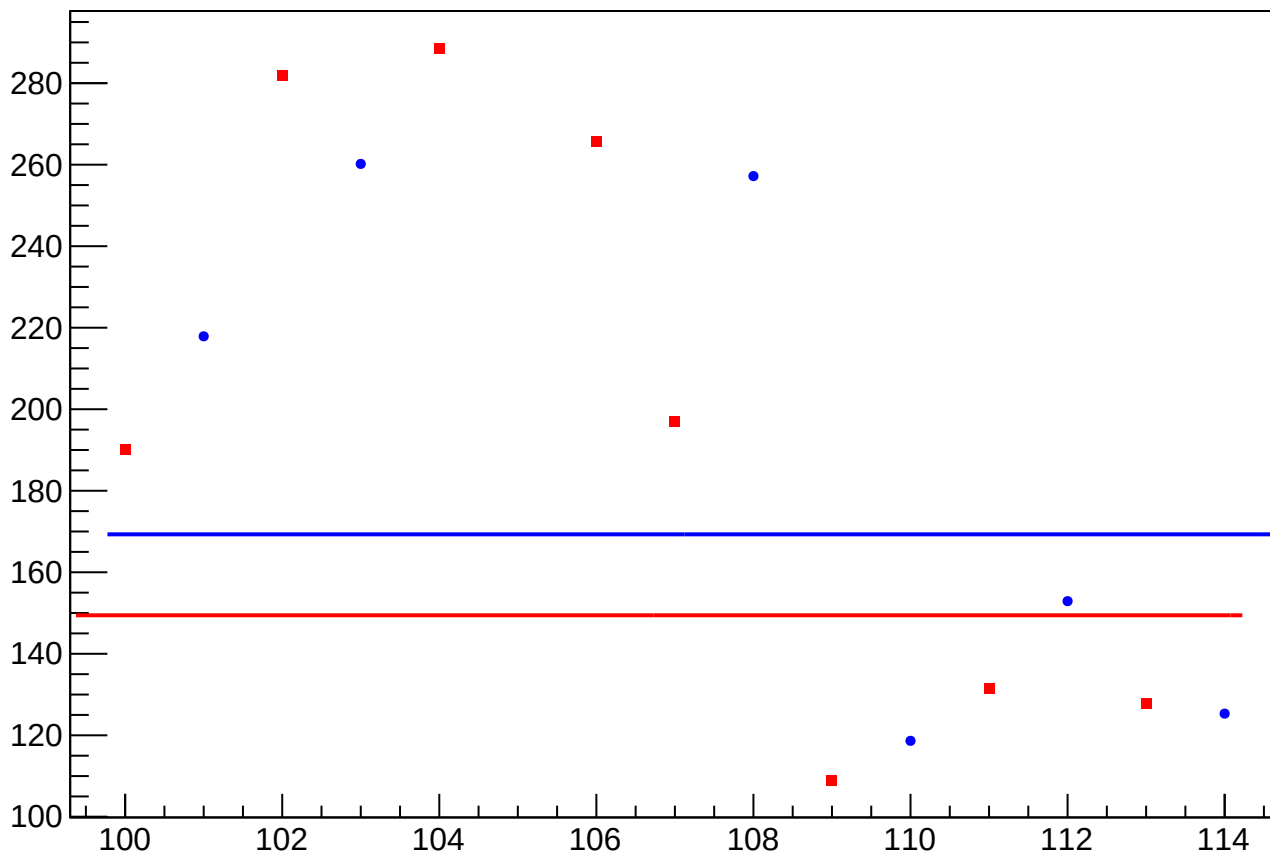
Right: -57.703 ± 70.580 χ^2/NDF : 12.2/13

In: -35.291 ± 110.875 χ^2/NDF : 3.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.703 ± 70.580 χ^2/NDF : 12.2/13

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

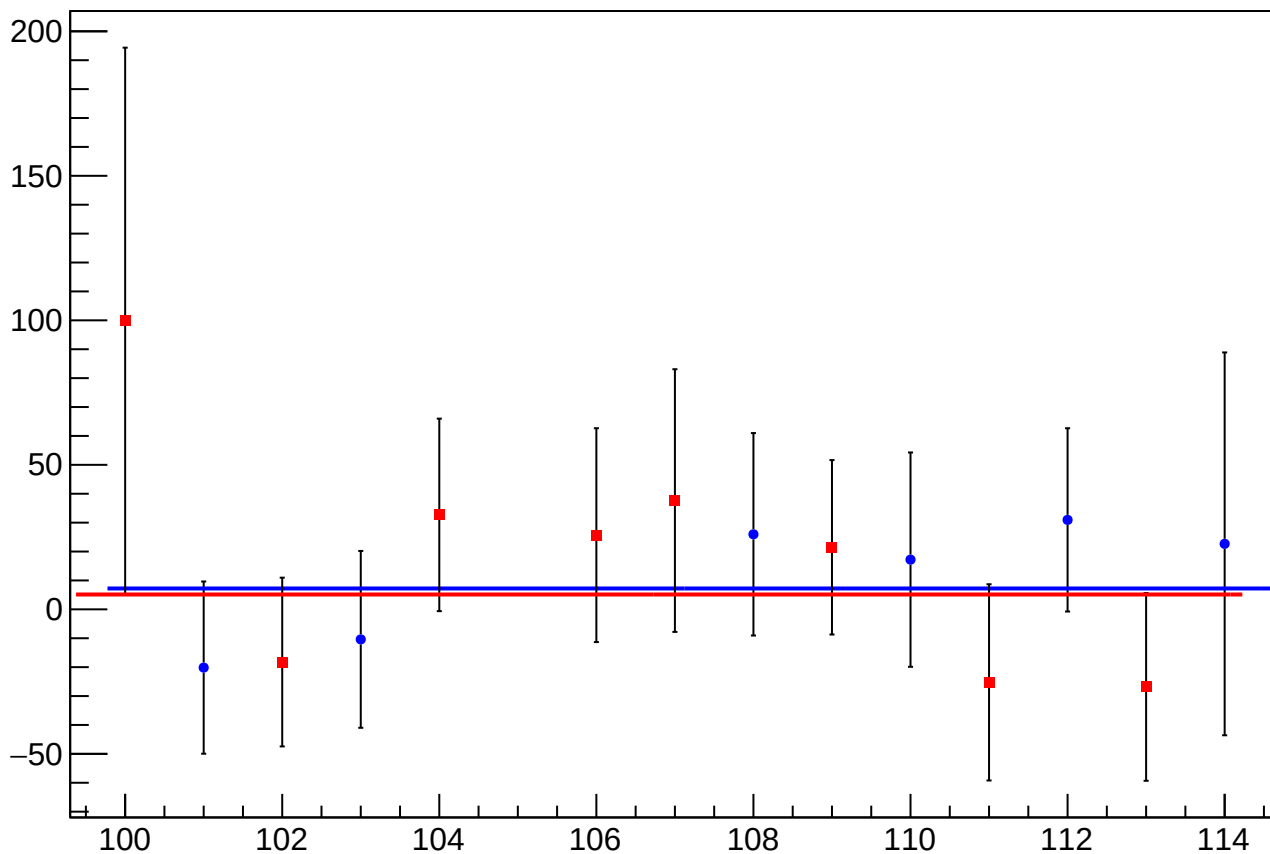
Right: 157.495+/-0.050 χ^2/NDF : 1336184.1/13

In: 169.307+/-0.078 χ^2/NDF : 468369.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.495+/-0.050 χ^2/NDF : 1336184.1/13

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

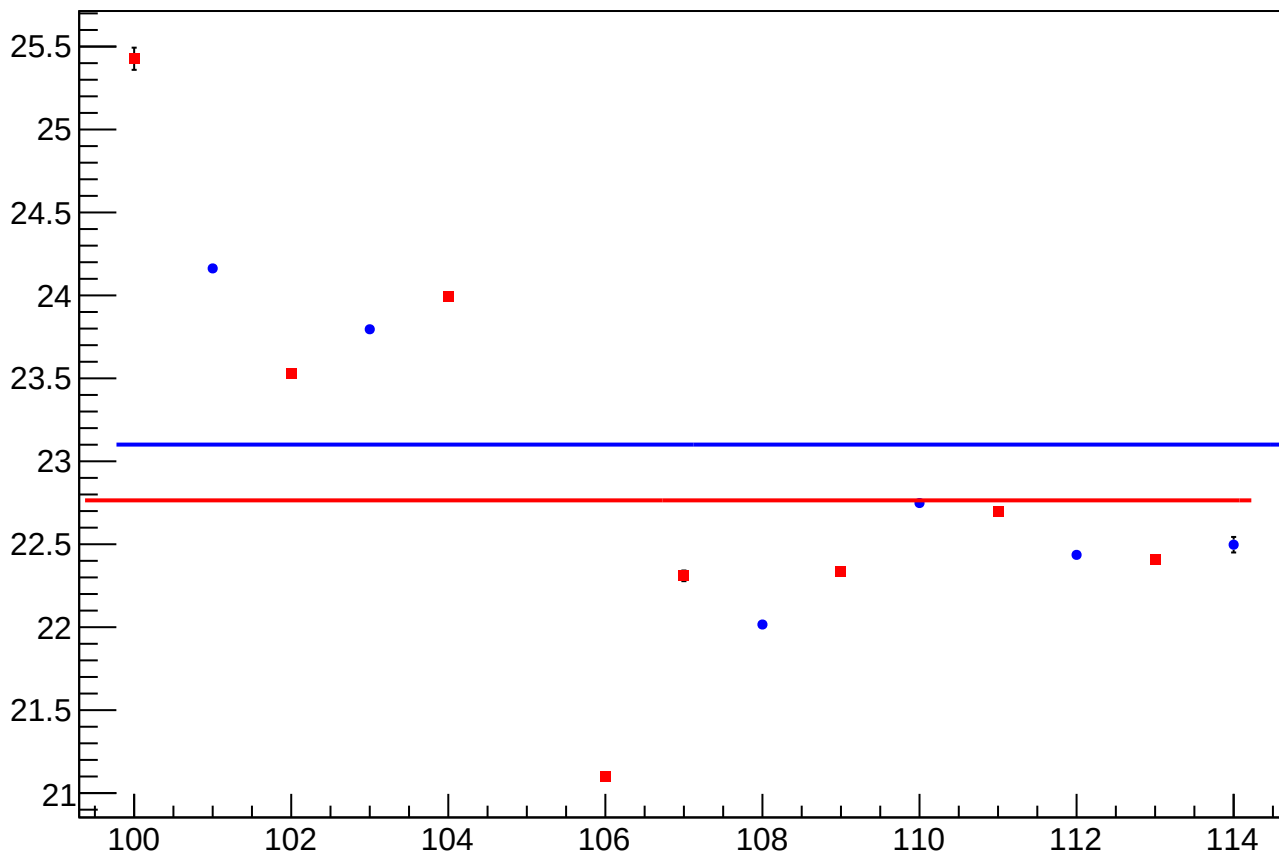
Right: 6.052+/-9.418 χ^2/NDF : 7.4/13

In: 7.221+/-14.199 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.052+/-9.418 χ^2/NDF : 7.4/13

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

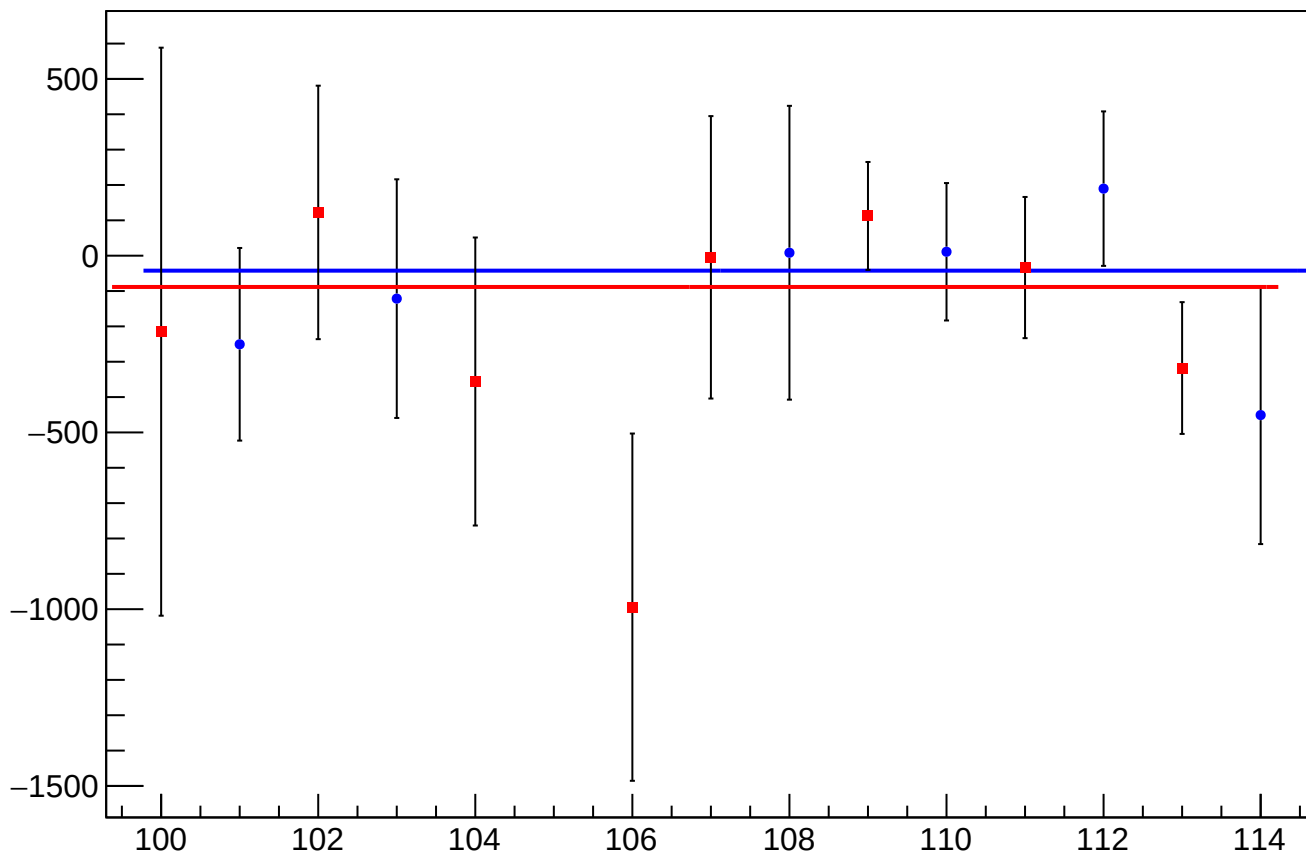
Right: 22.912+/-0.007 χ^2/NDF : 17927.3/13

In: 23.101+/-0.010 χ^2/NDF : 6716.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.912+/-0.007 χ^2/NDF : 17927.3/13

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

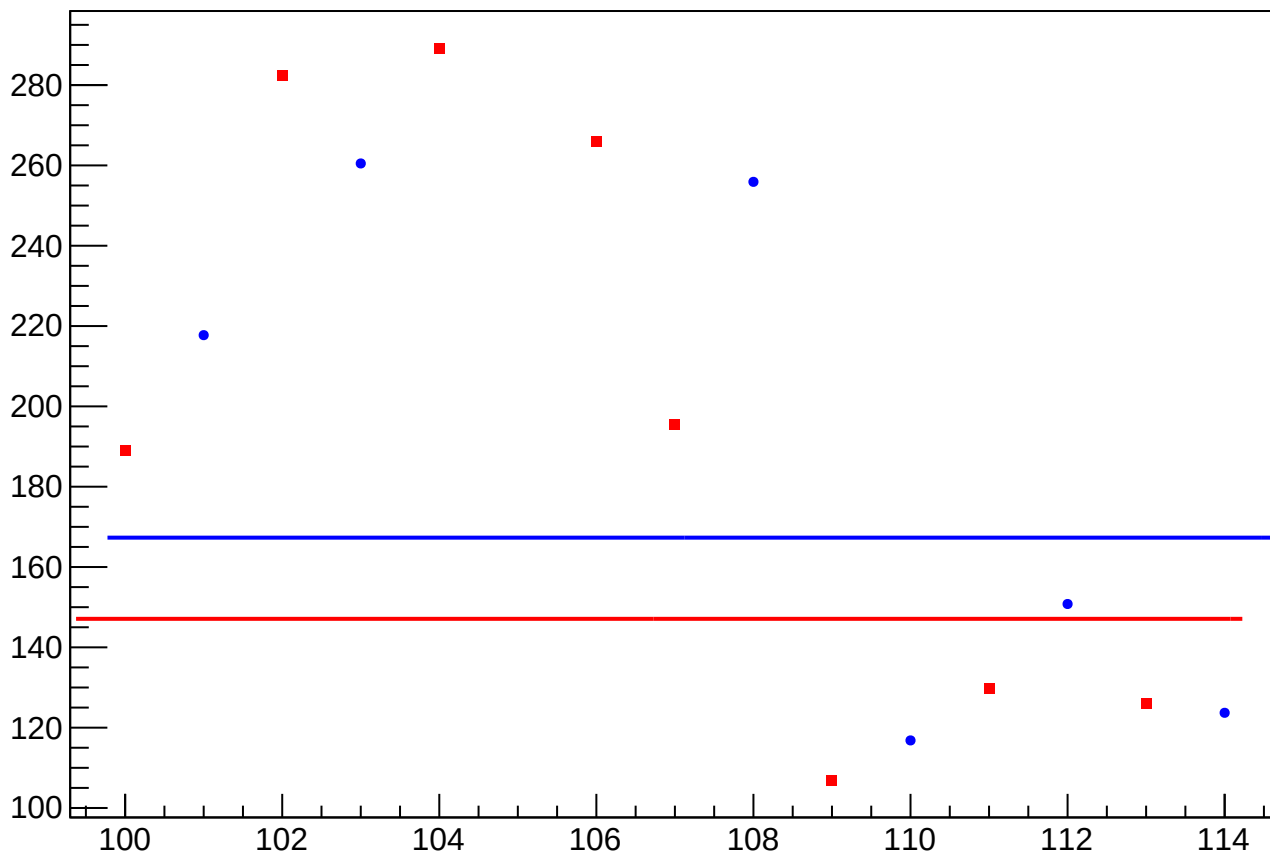
Right: -69.866+/-69.759 χ^2/NDF : 10.8/13

In: -42.353+/-109.791 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.866+/-69.759 χ^2/NDF : 10.8/13

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

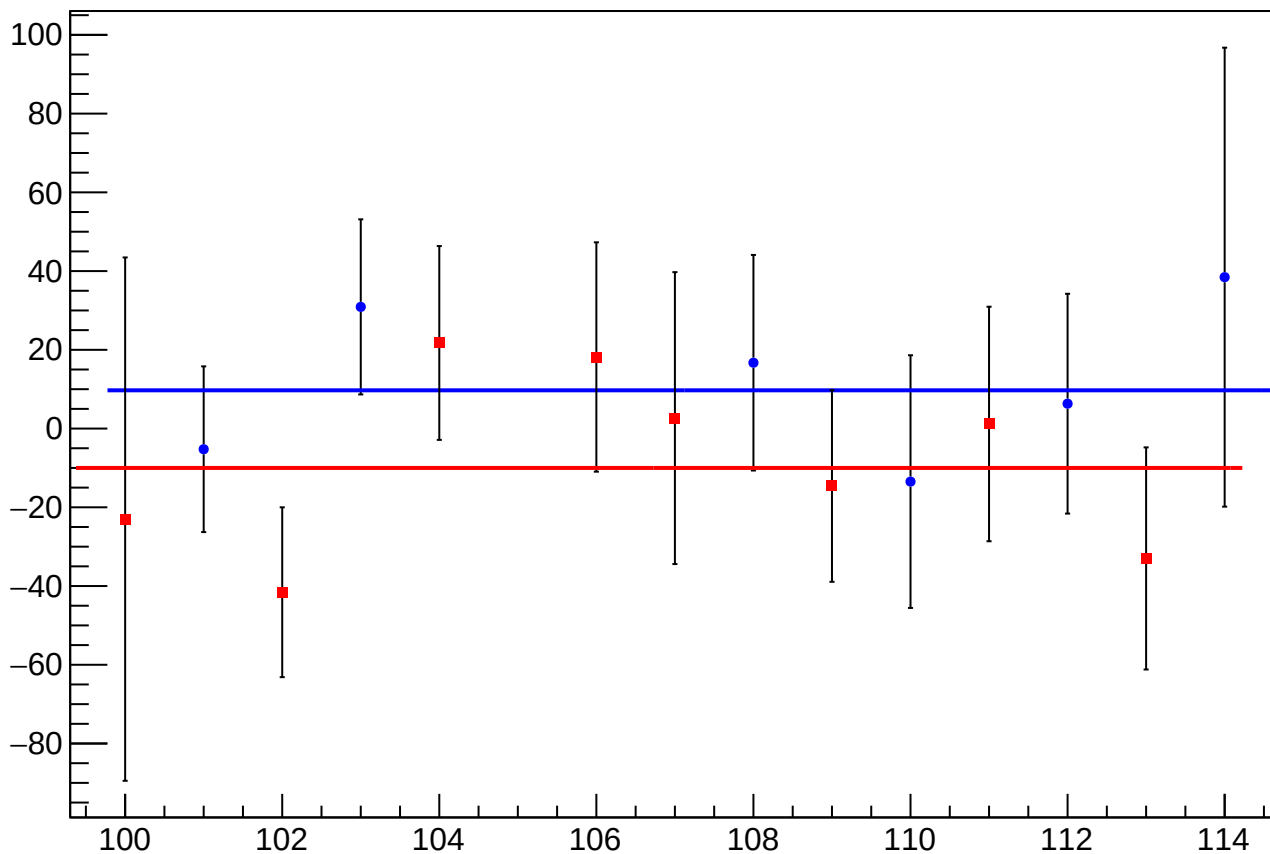
Right: 155.261+/-0.049 χ^2/NDF : 1386088.5/13

In: 167.315+/-0.078 χ^2/NDF : 486697.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.261+/-0.049 χ^2/NDF : 1386088.5/13

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 9.714+/-11.069 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.002+/-9.999 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

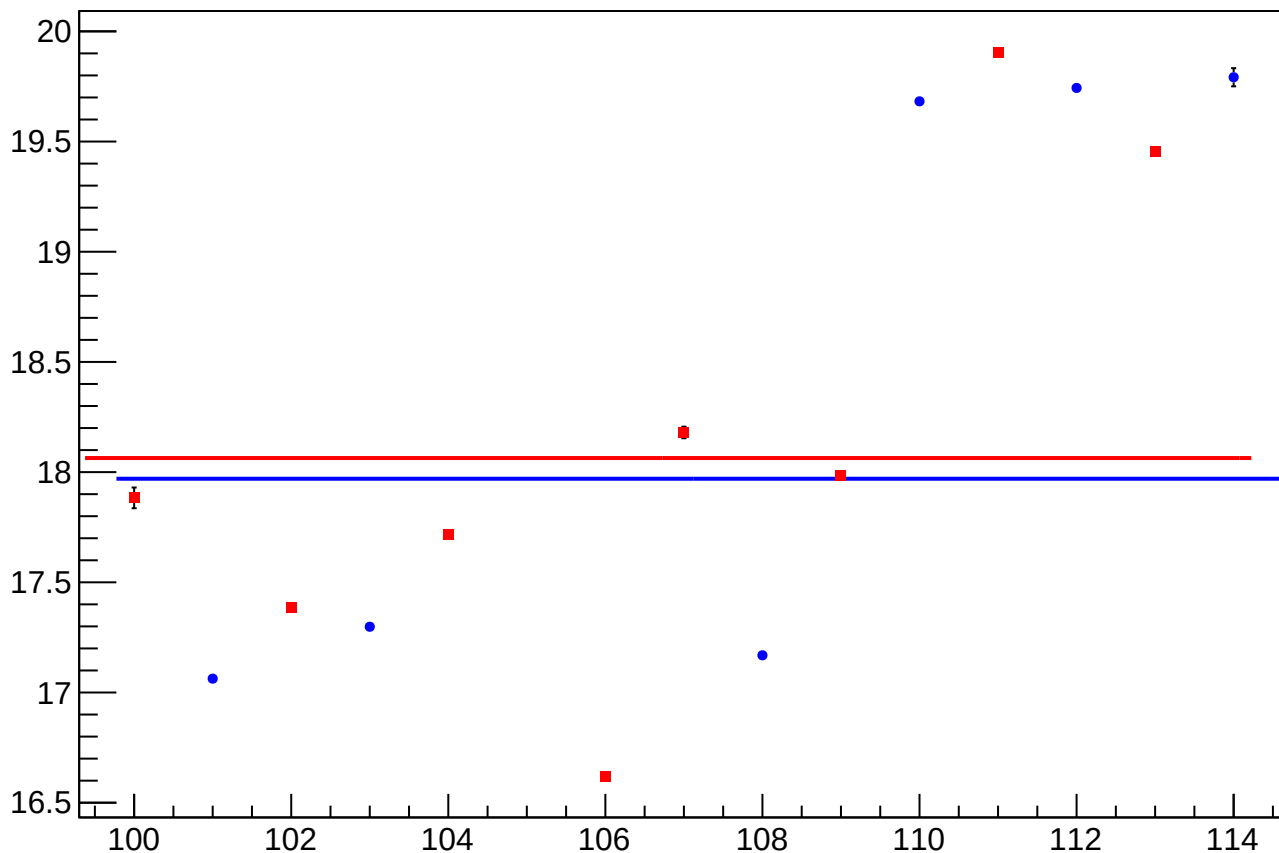
Right: -1.142+/-7.420 χ^2/NDF : 9.7/13

In: 9.714+/-11.069 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.142+/-7.420 χ^2/NDF : 9.7/13

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

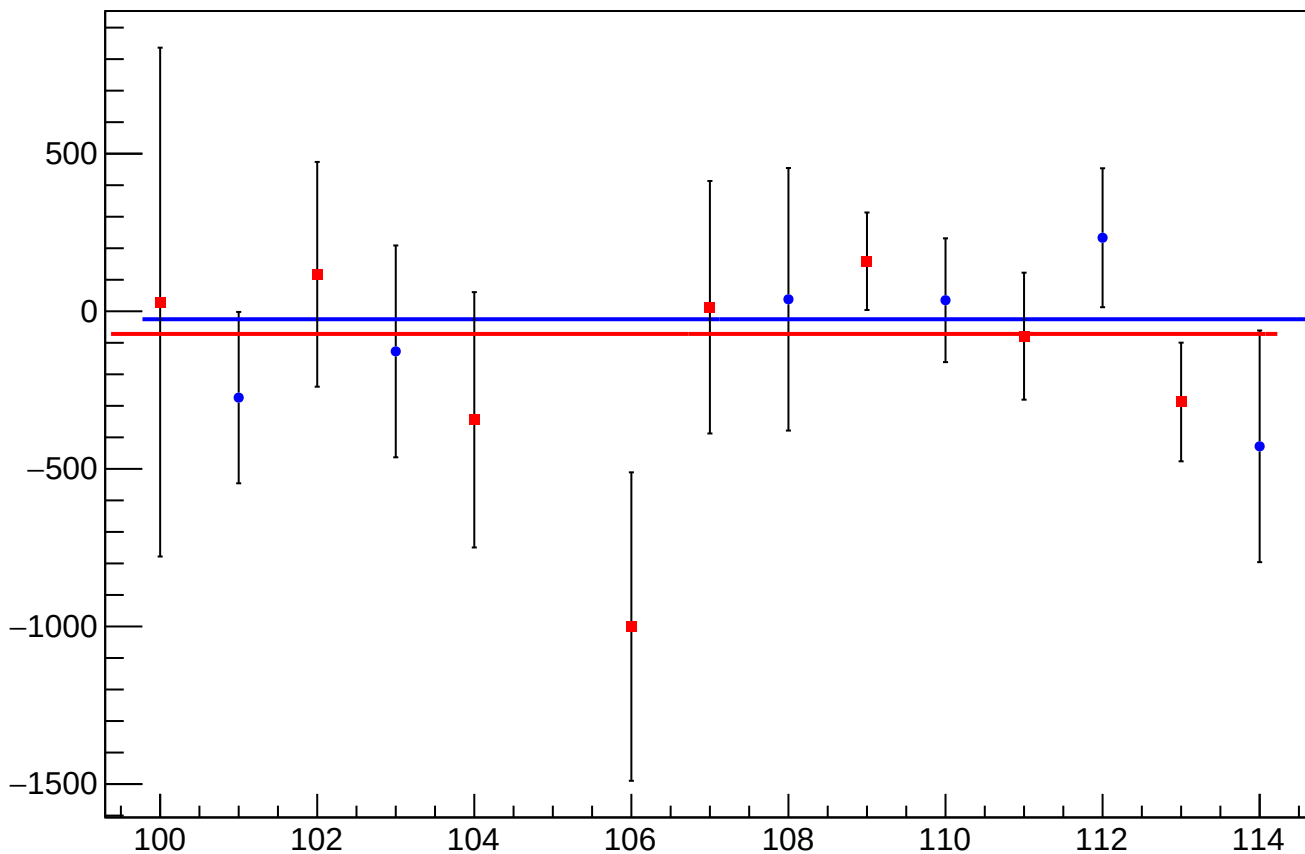
Right: 18.022+/-0.005 χ^2/NDF : 42912.3/13

In: 17.970+/-0.008 χ^2/NDF : 22971.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.022+/-0.005 χ^2/NDF : 42912.3/13

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

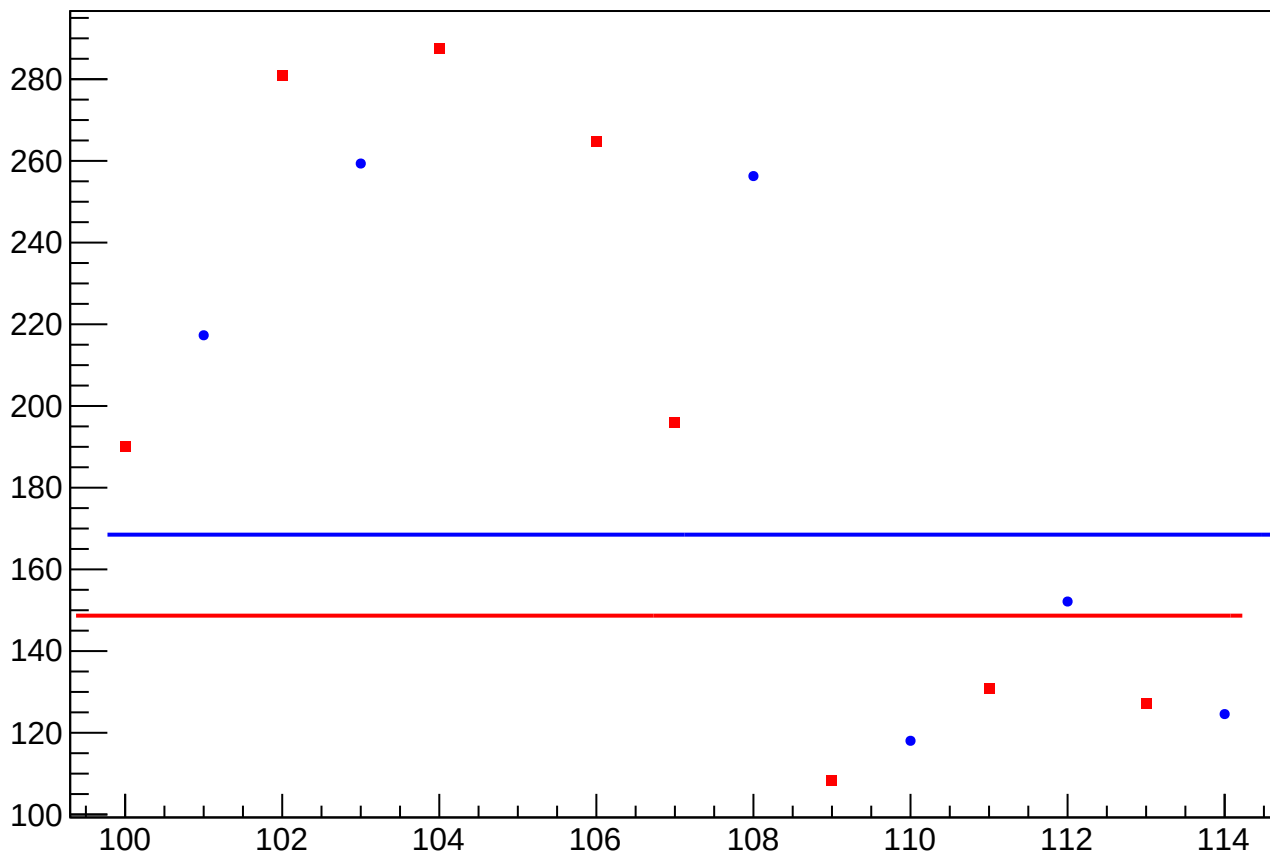
Right: -52.977+/-70.248 χ^2/NDF : 11.7/13

In: -25.246+/-110.380 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.977+/-70.248 χ^2/NDF : 11.7/13

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

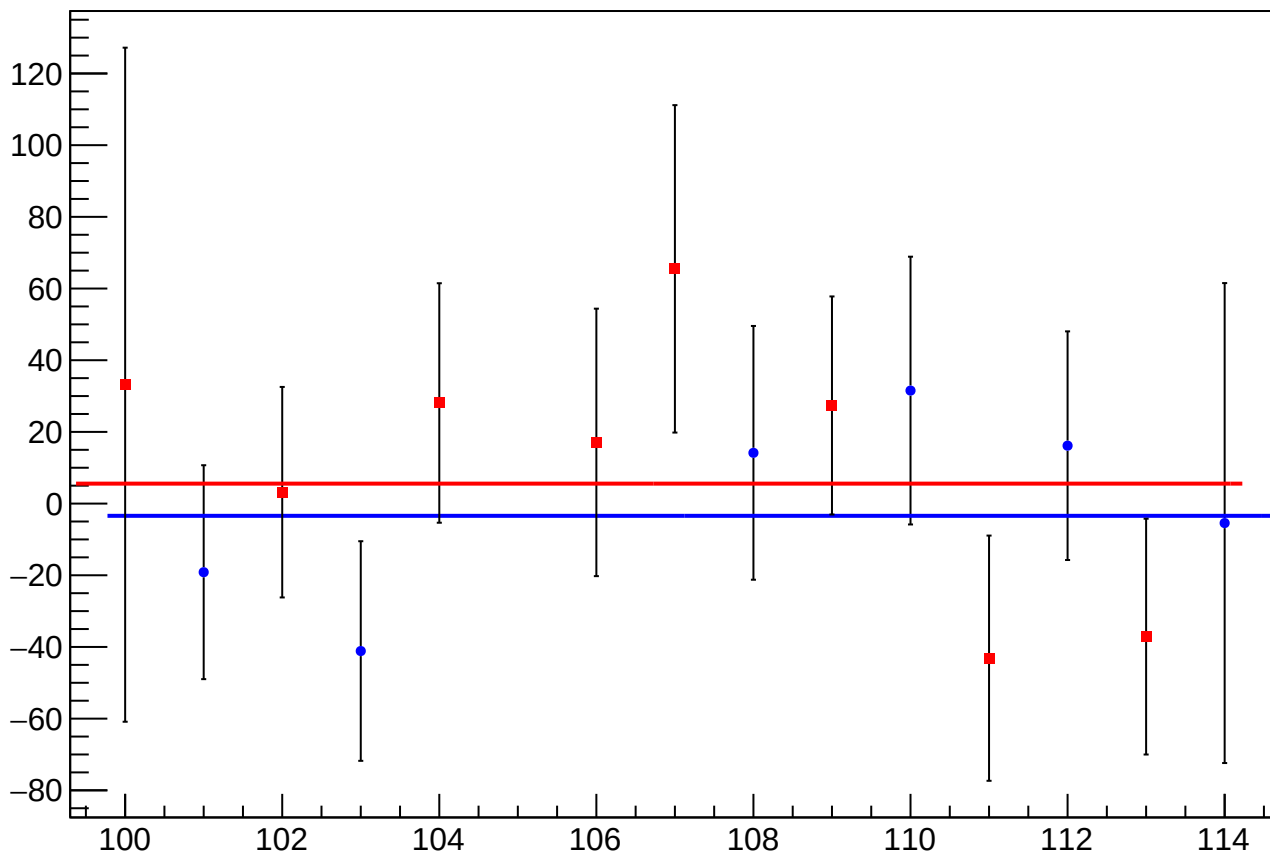
Right: 156.706 $\pm$ 0.050 χ^2 /NDF: 1342242.4/13

In: 168.502 $\pm$ 0.078 χ^2 /NDF:471180.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.706 $\pm$ 0.050 χ^2 /NDF: 1342242.4/13

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.414 $\pm$ 14.273 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.568 $\pm$ 12.674 χ^2 /NDF: 6.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

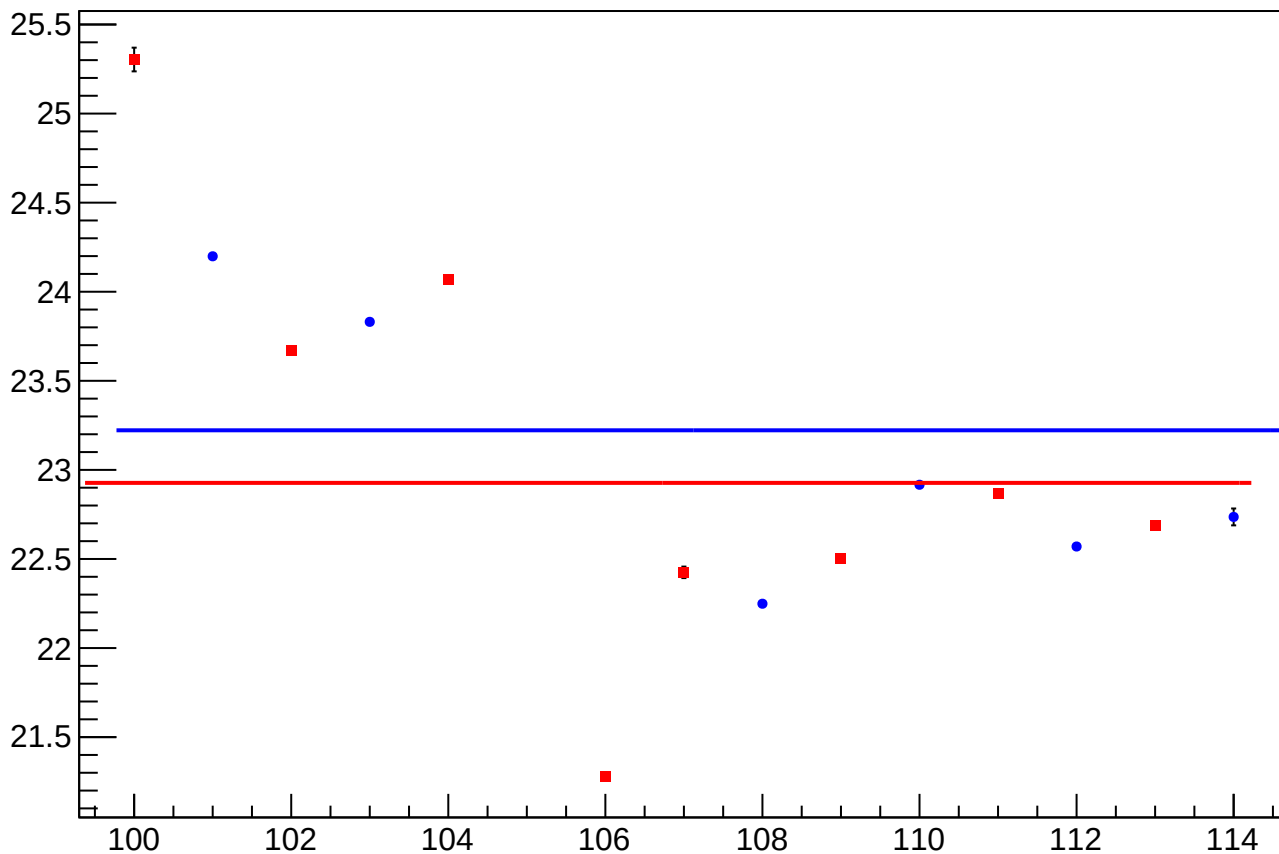
Right: 1.608 $\pm$ 9.477 χ^2 /NDF: 10.1/13

In: -3.414 $\pm$ 14.273 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.608 $\pm$ 9.477 χ^2 /NDF: 10.1/13

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

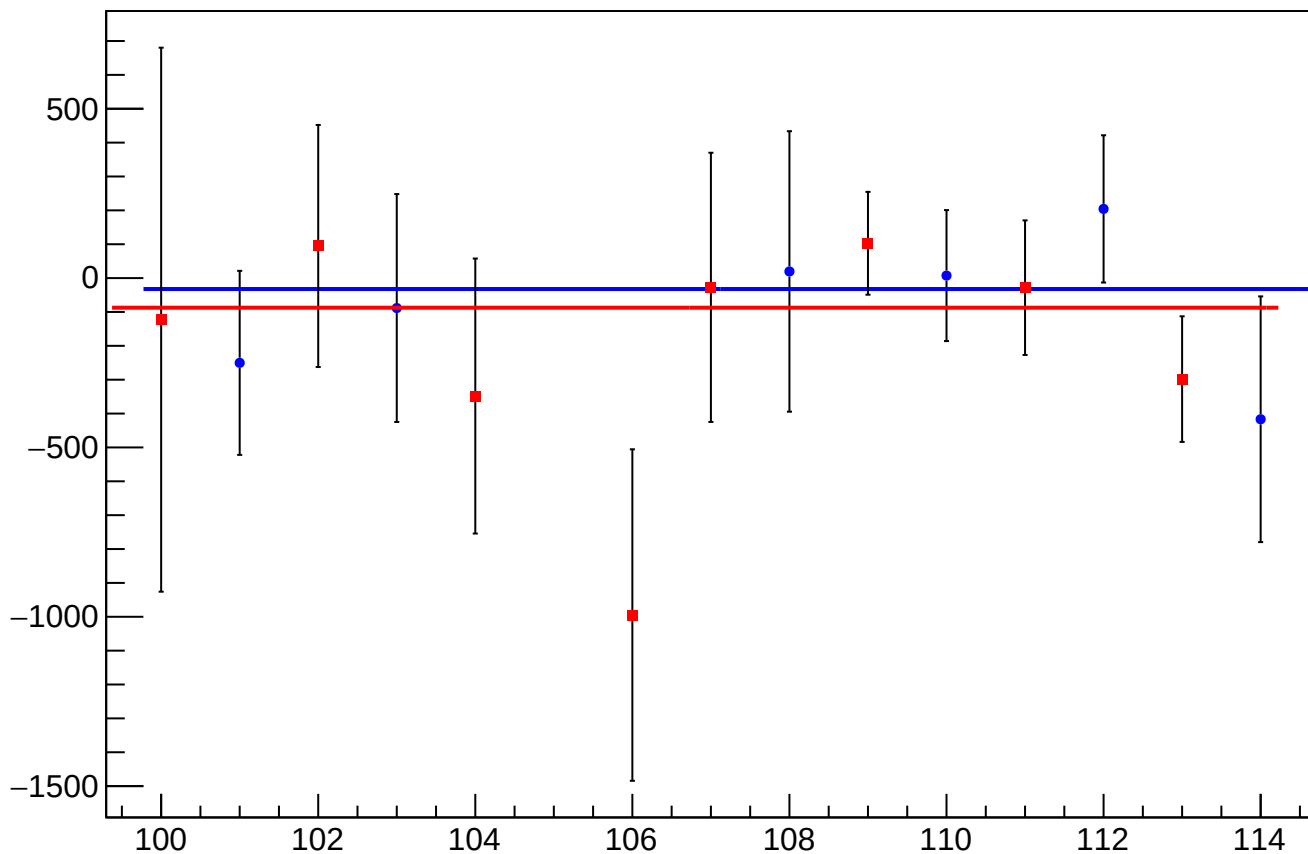
Right: 23.057 $\pm$ 0.007 χ^2 /NDF: 15519.8/13

In: 23.222 $\pm$ 0.010 χ^2 /NDF: 5520.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.057 $\pm$ 0.007 χ^2 /NDF: 15519.8/13

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -32.278+/-109.294 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.426+/-89.890 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

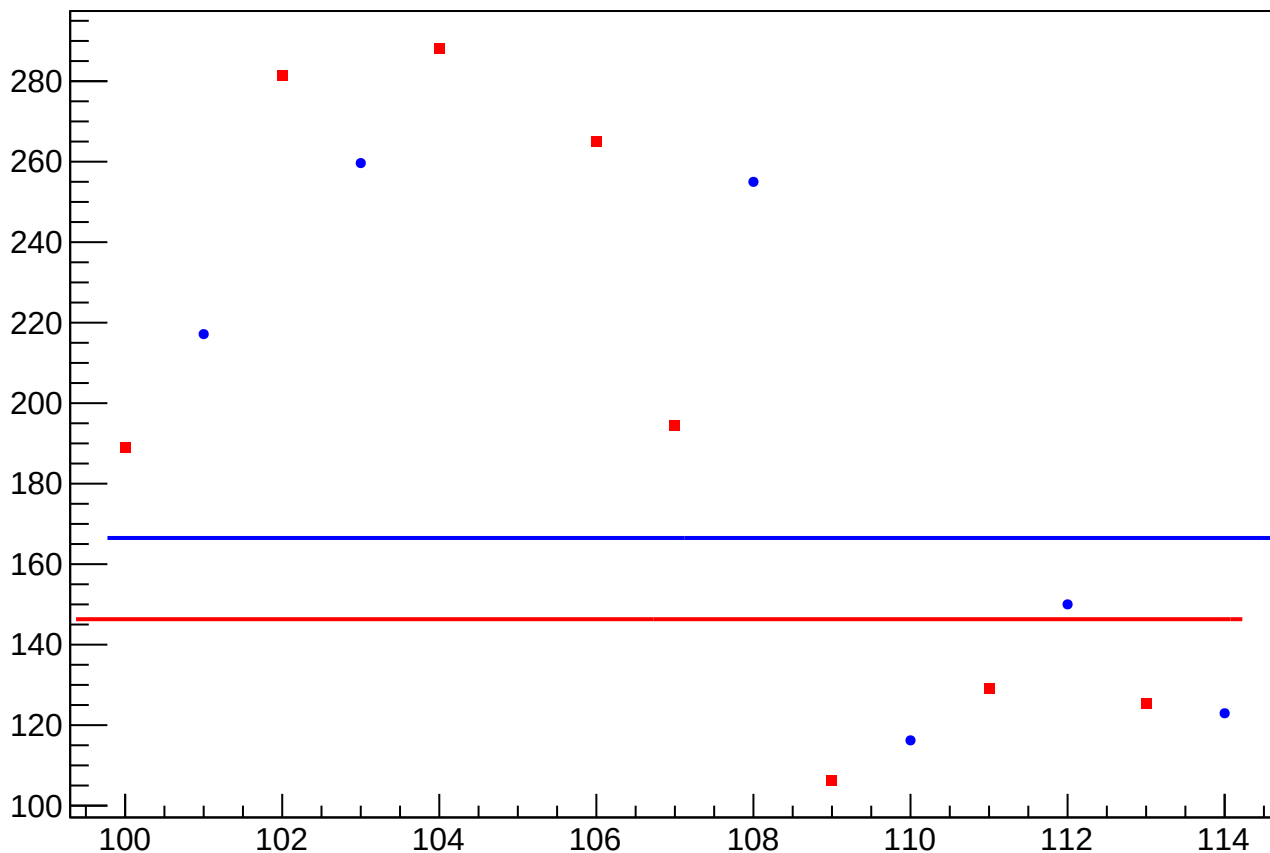
Right: -65.174+/-69.425 χ^2/NDF : 10.3/13

In: -32.278+/-109.294 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.174+/-69.425 χ^2/NDF : 10.3/13

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

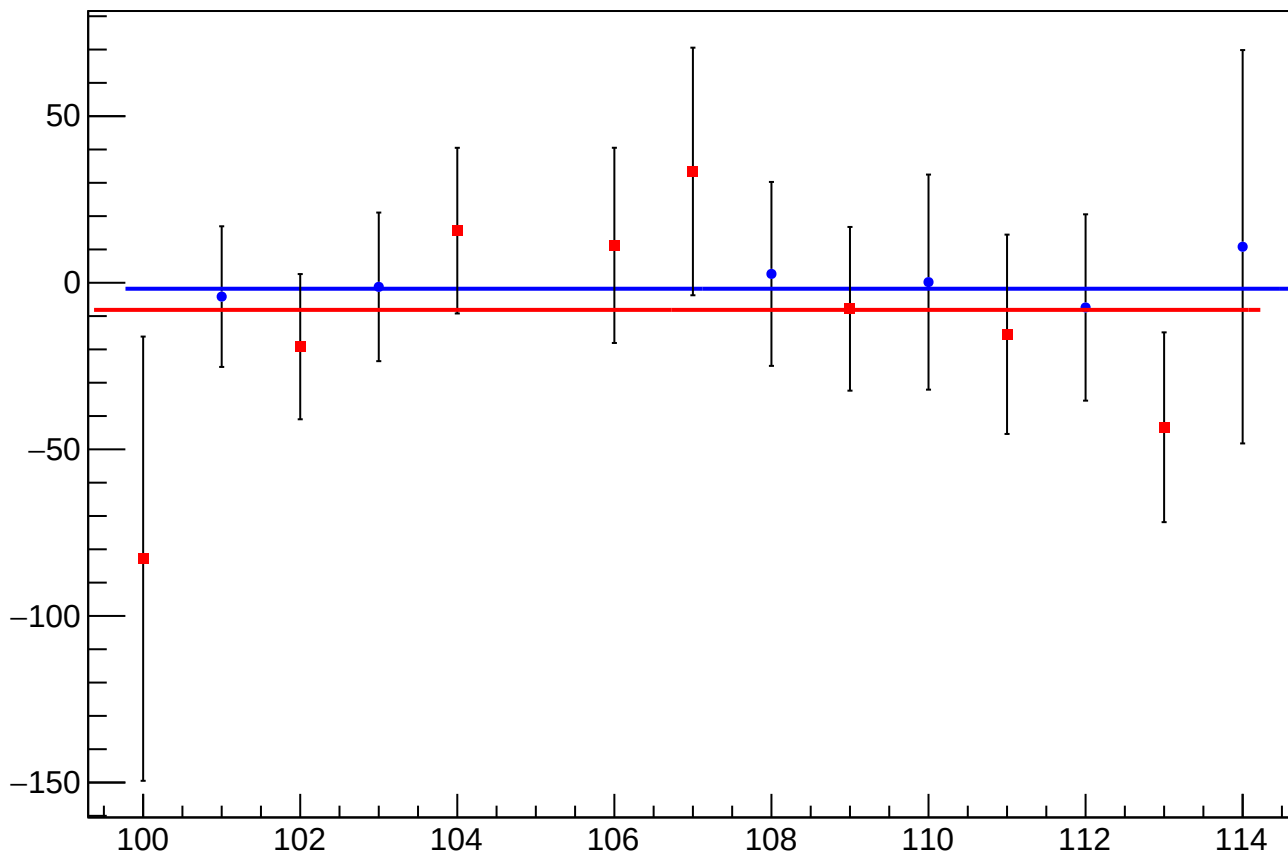
Right: 154.468+/-0.049 χ^2/NDF : 1392515.2/13

In: 166.506+/-0.077 χ^2/NDF : 489673.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.468+/-0.049 χ^2/NDF : 1392515.2/13

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

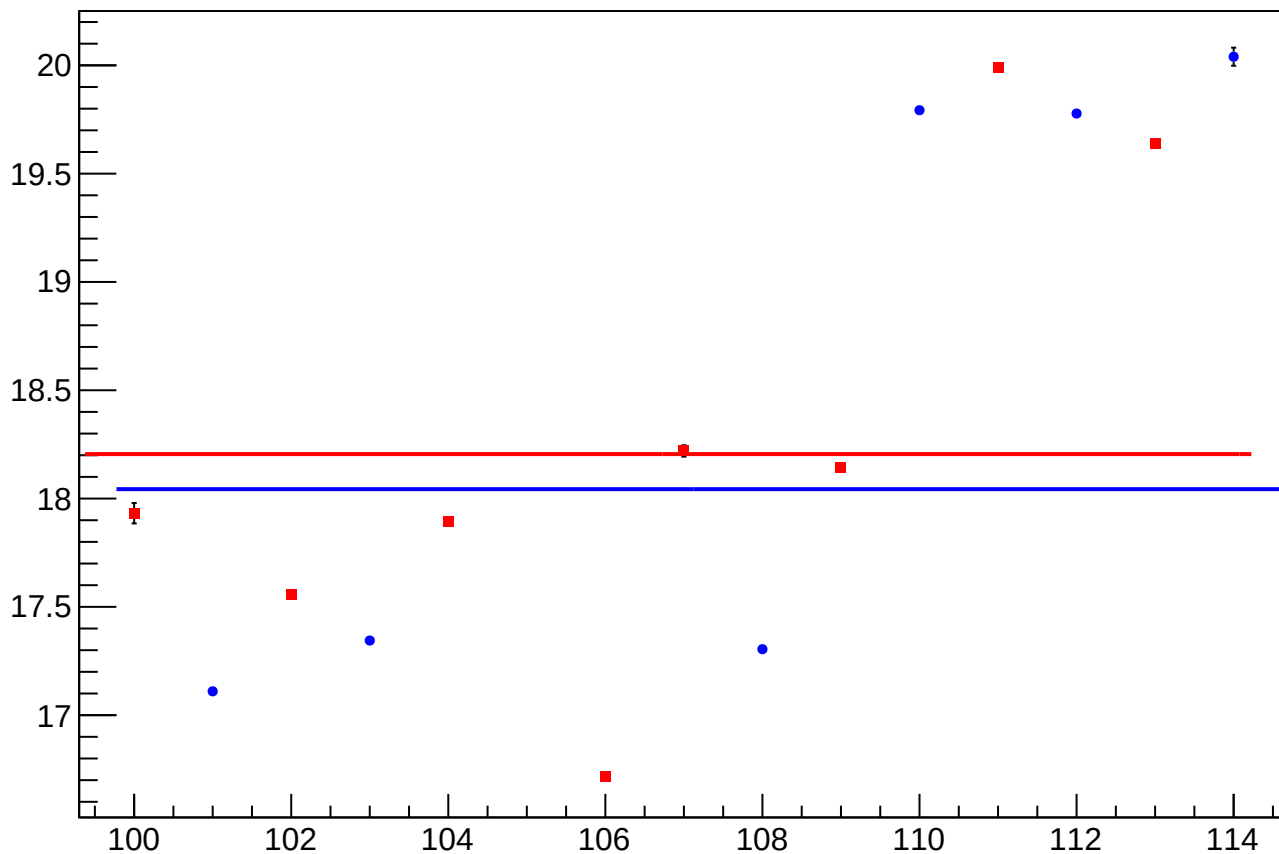
Right: -5.275+/-7.467 χ^2/NDF : 6.0/13

In: -1.792+/-11.116 χ^2/NDF : 0.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.275+/-7.467 χ^2/NDF : 6.0/13

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

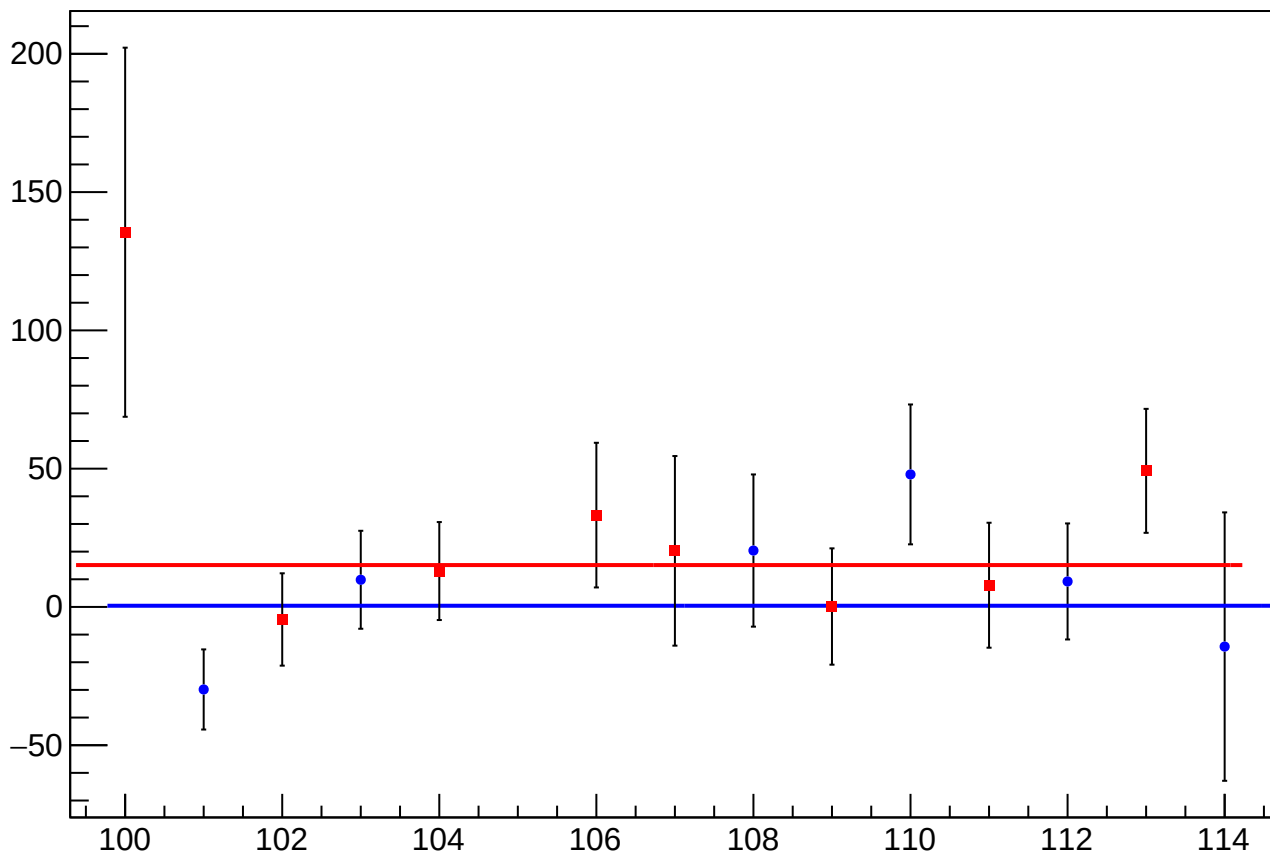
Right: 18.132+/-0.005 χ^2/NDF : 42865.0/13

In: 18.043+/-0.008 χ^2/NDF : 23161.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.132+/-0.005 χ^2/NDF : 42865.0/13

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

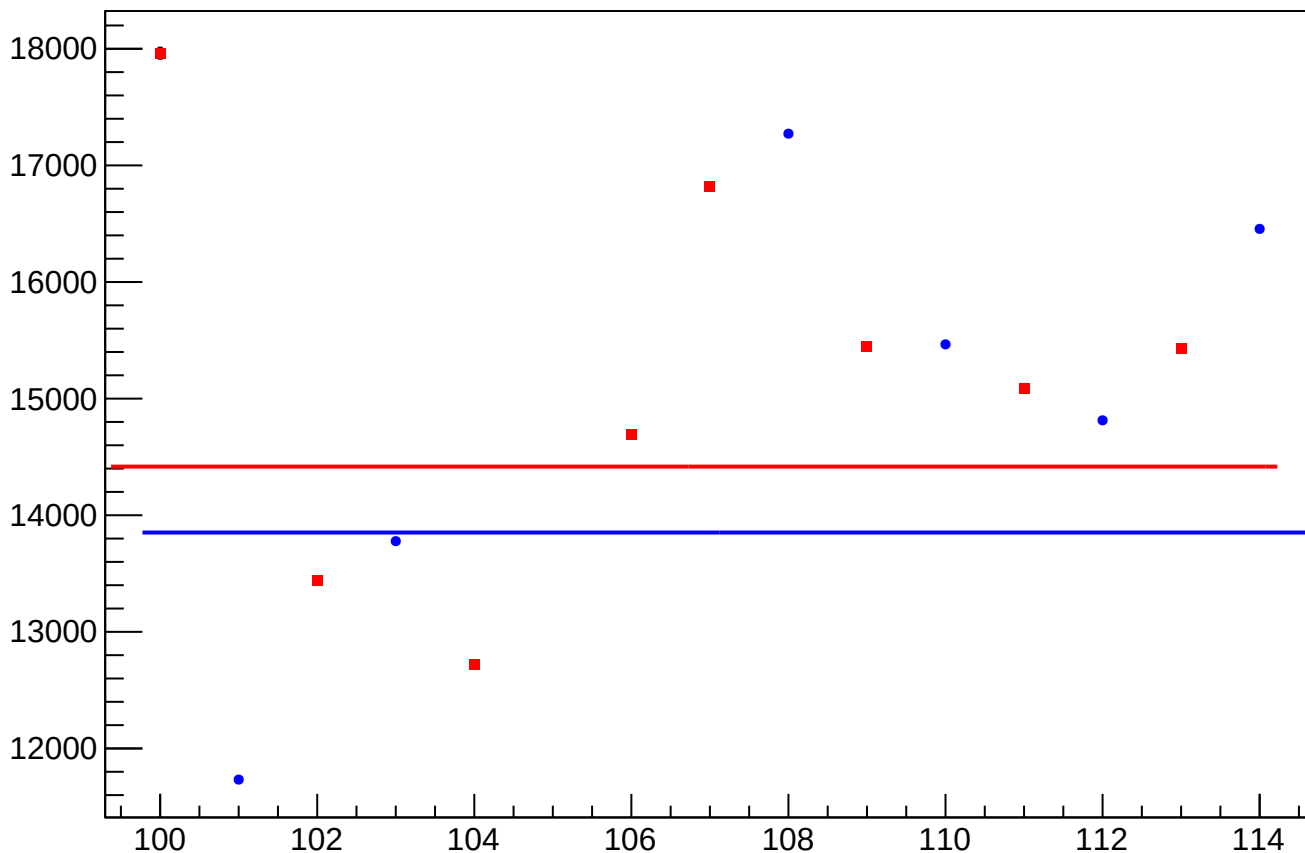
Right: 8.287+/-5.866 χ^2/NDF : 18.6/13

In: 0.429+/-8.596 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.287+/-5.866 χ^2/NDF : 18.6/13

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

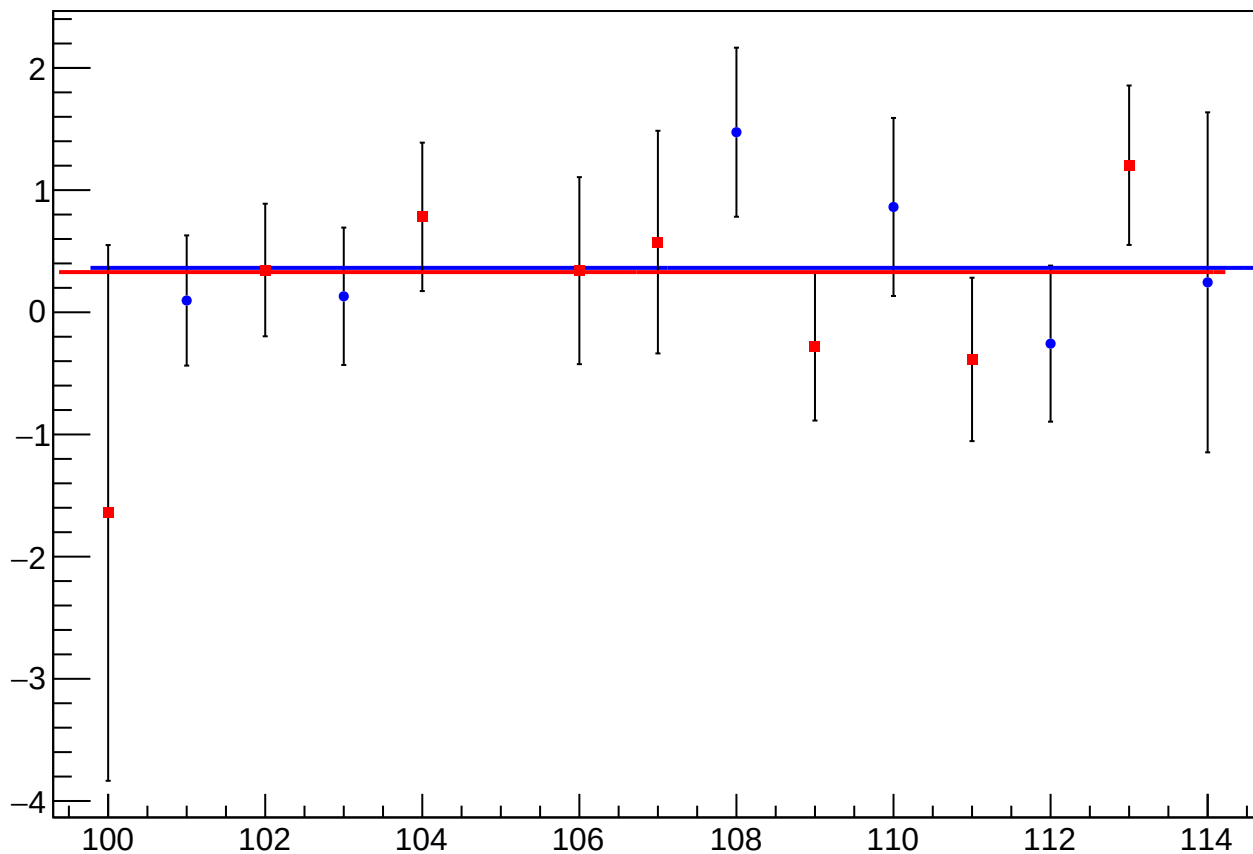
Right: 14153.816+/-4.148 χ^2/NDF : 147901.3/13

In: 13851.763+/-6.078 χ^2/NDF : 91822.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14153.816+/-4.148 χ^2/NDF : 147901.3/13

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

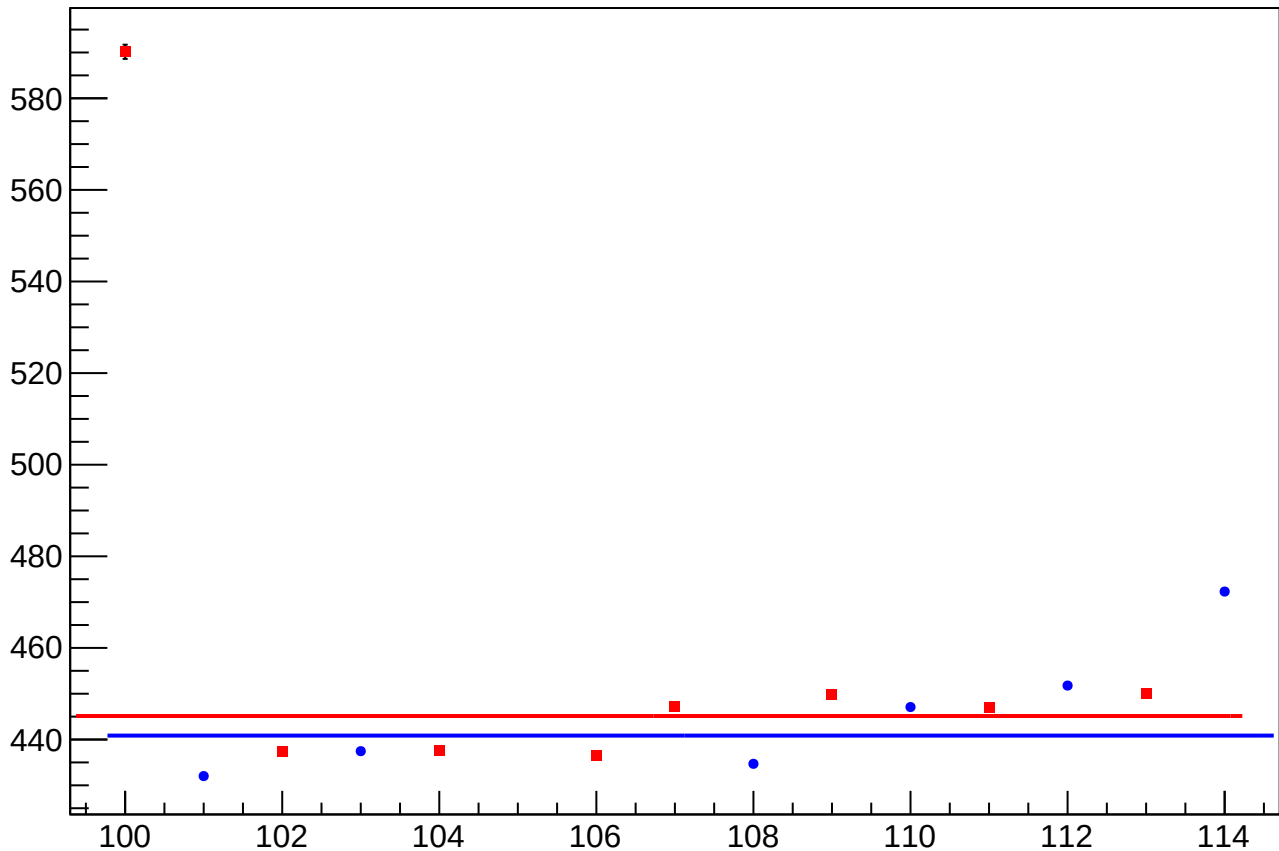
Right: 0.345 $\pm$ 0.182 χ^2 /NDF: 9.8/13

In: 0.364 $\pm$ 0.271 χ^2 /NDF:4.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.345 $\pm$ 0.182 χ^2 /NDF: 9.8/13

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 440.859+/-0.192 χ^2/NDF : 2534.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.132+/-0.174 χ^2/NDF : 9965.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

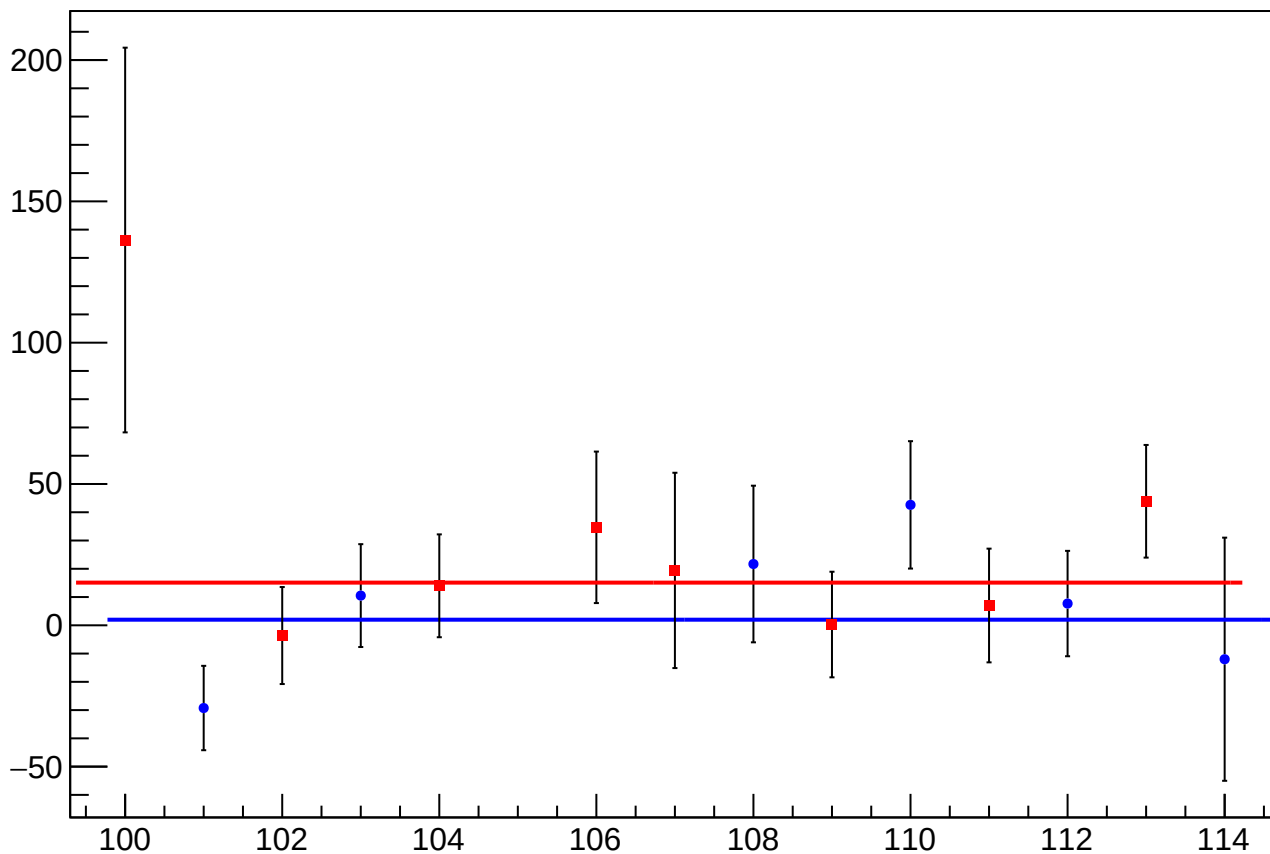
Right: 443.200+/-0.129 χ^2/NDF : 12772.4/13

In: 440.859+/-0.192 χ^2/NDF : 2534.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.200+/-0.129 χ^2/NDF : 12772.4/13

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 1.985 $\pm$ 8.393 χ^2 /NDF: 8.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.104 $\pm$ 7.735 χ^2 /NDF: 7.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

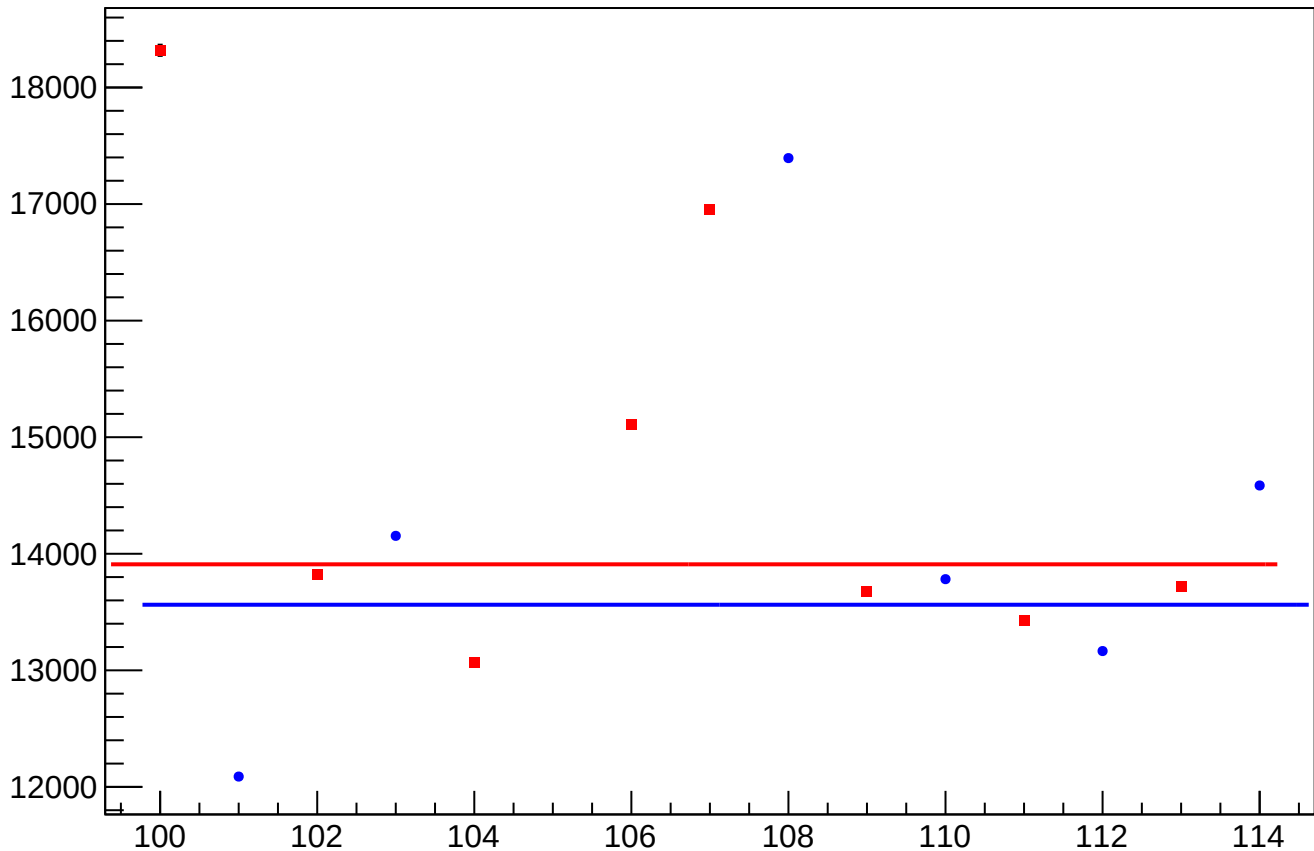
Right: 9.079 $\pm$ 5.688 χ^2 /NDF: 17.7/13

In: 1.985 $\pm$ 8.393 χ^2 /NDF: 8.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.079 $\pm$ 5.688 χ^2 /NDF: 17.7/13

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13562.736 $\pm$ 5.934 χ^2 /NDF: 62078.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13909.500 $\pm$ 5.469 χ^2 /NDF: 33819.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

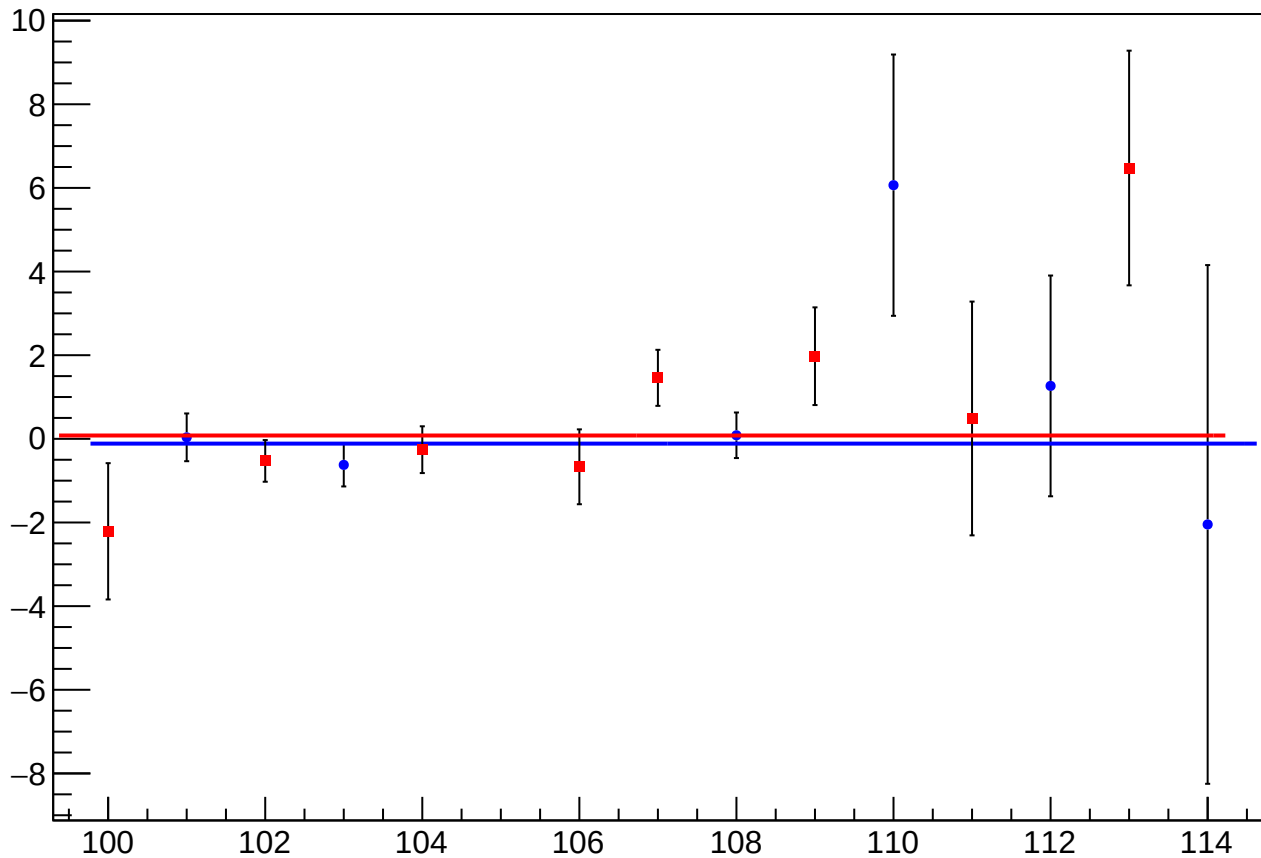
Right: 13750.241 $\pm$ 4.022 χ^2 /NDF: 97744.5/13

In: 13562.736 $\pm$ 5.934 χ^2 /NDF:62078.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13750.241 $\pm$ 4.022 χ^2 /NDF: 97744.5/13

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

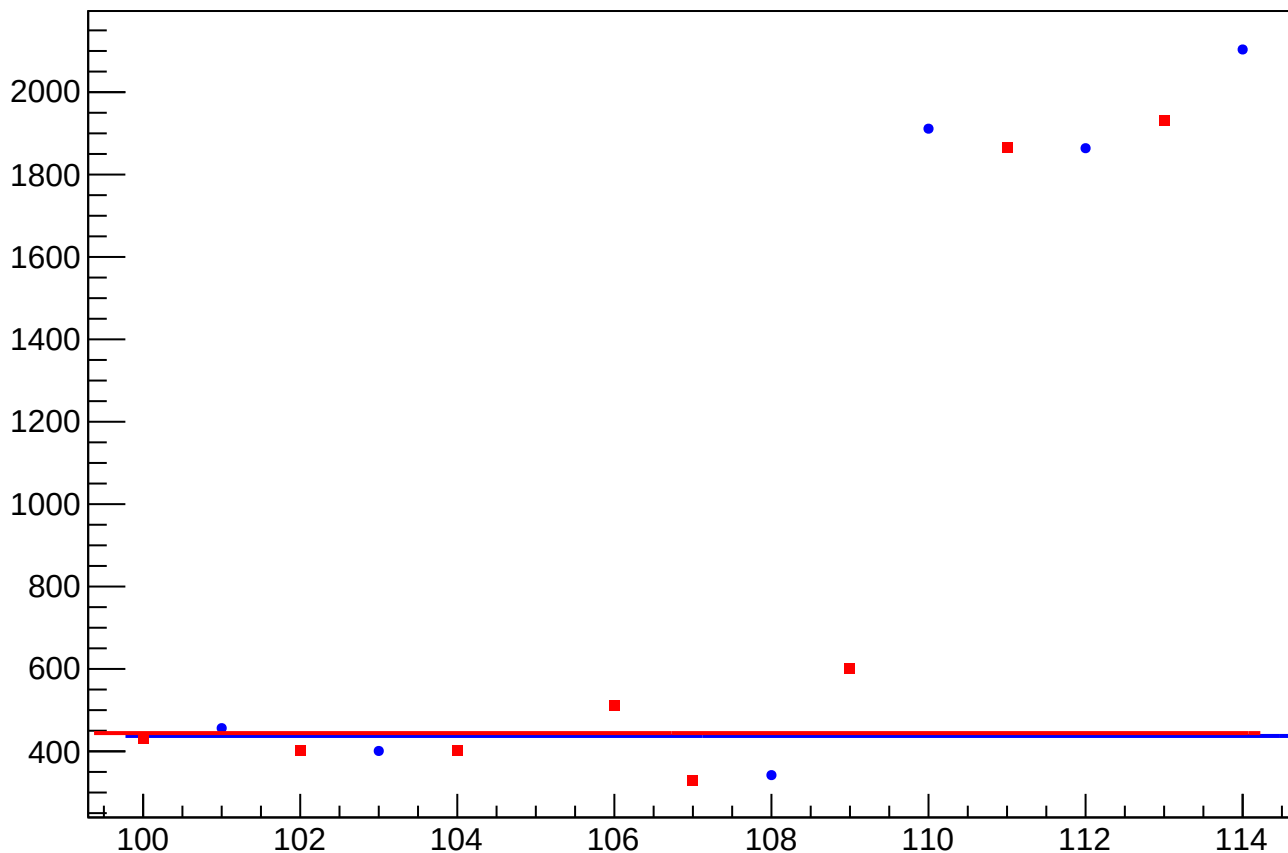
Right: -0.010+/-0.211 χ^2/NDF : 22.3/13

In: -0.114+/-0.309 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.211 χ^2/NDF : 22.3/13

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 437.332+/-0.218 χ^2/NDF : 1247240.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.278+/-0.204 χ^2/NDF : 1213054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

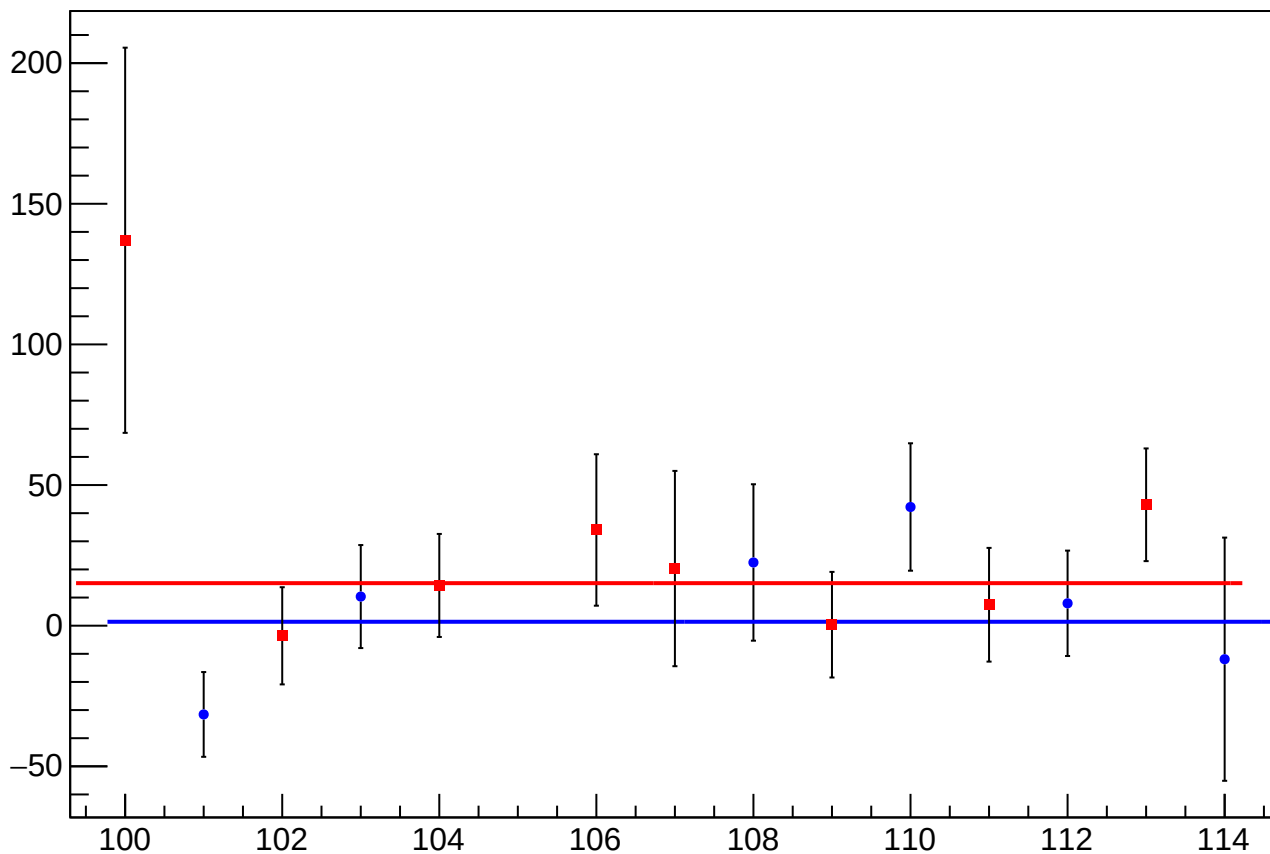
Right: 441.050+/-0.149 χ^2/NDF : 2460835.8/13

In: 437.332+/-0.218 χ^2/NDF : 1247240.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.050+/-0.149 χ^2/NDF : 2460835.8/13

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

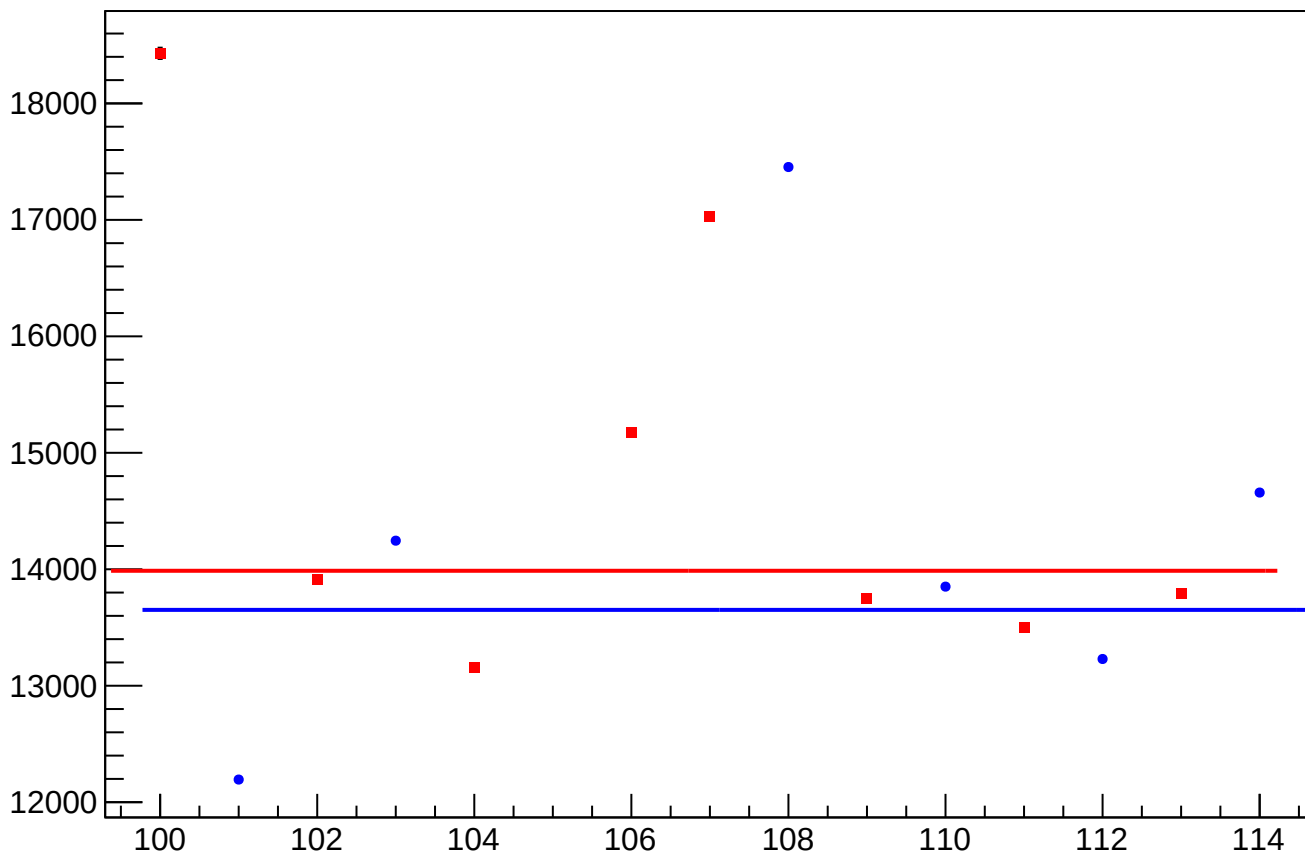
Right: 8.823+/-5.722 χ^2/NDF : 18.0/13

In: 1.393+/-8.448 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.823+/-5.722 χ^2/NDF : 18.0/13

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

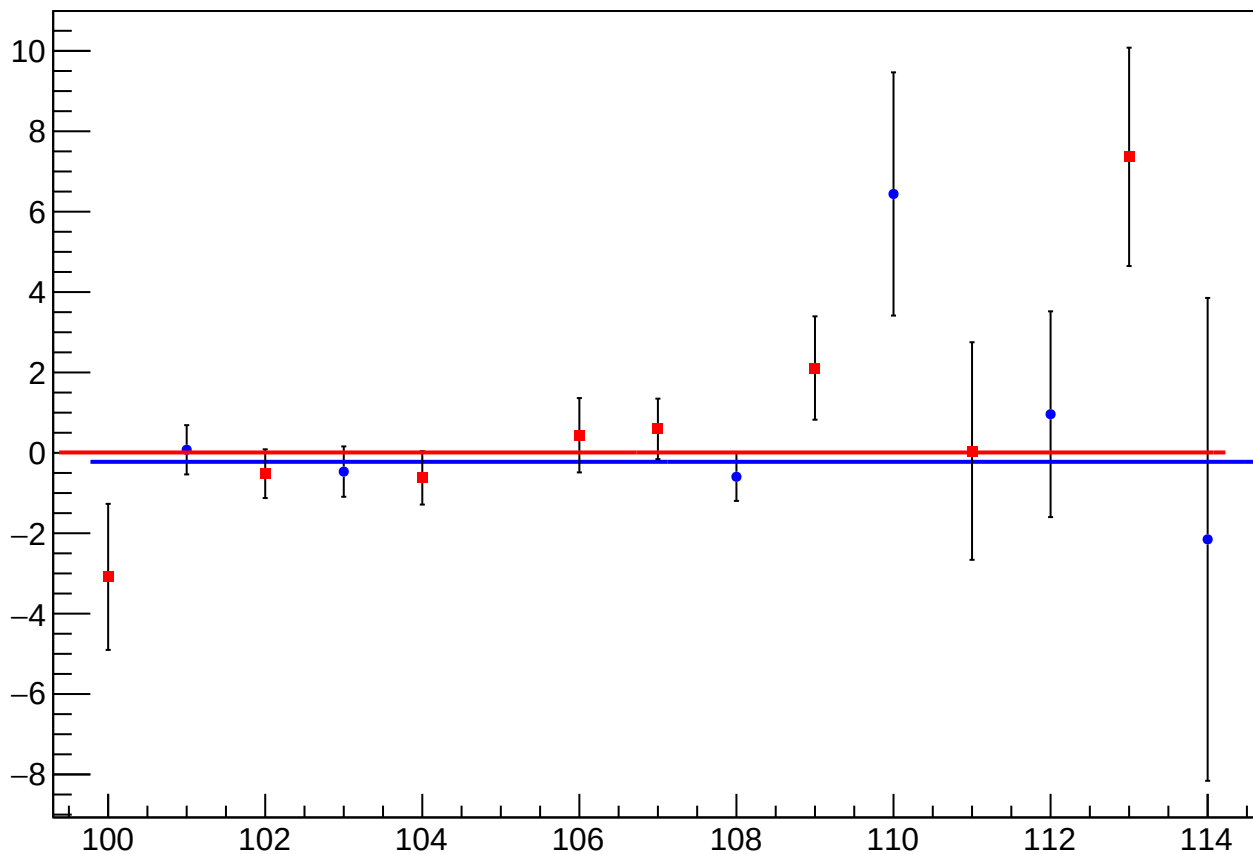
Right: 13833.023+/-4.046 χ^2/NDF : 95730.3/13

In: 13651.316+/-5.973 χ^2/NDF : 60454.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13833.023+/-4.046 χ^2/NDF : 95730.3/13

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

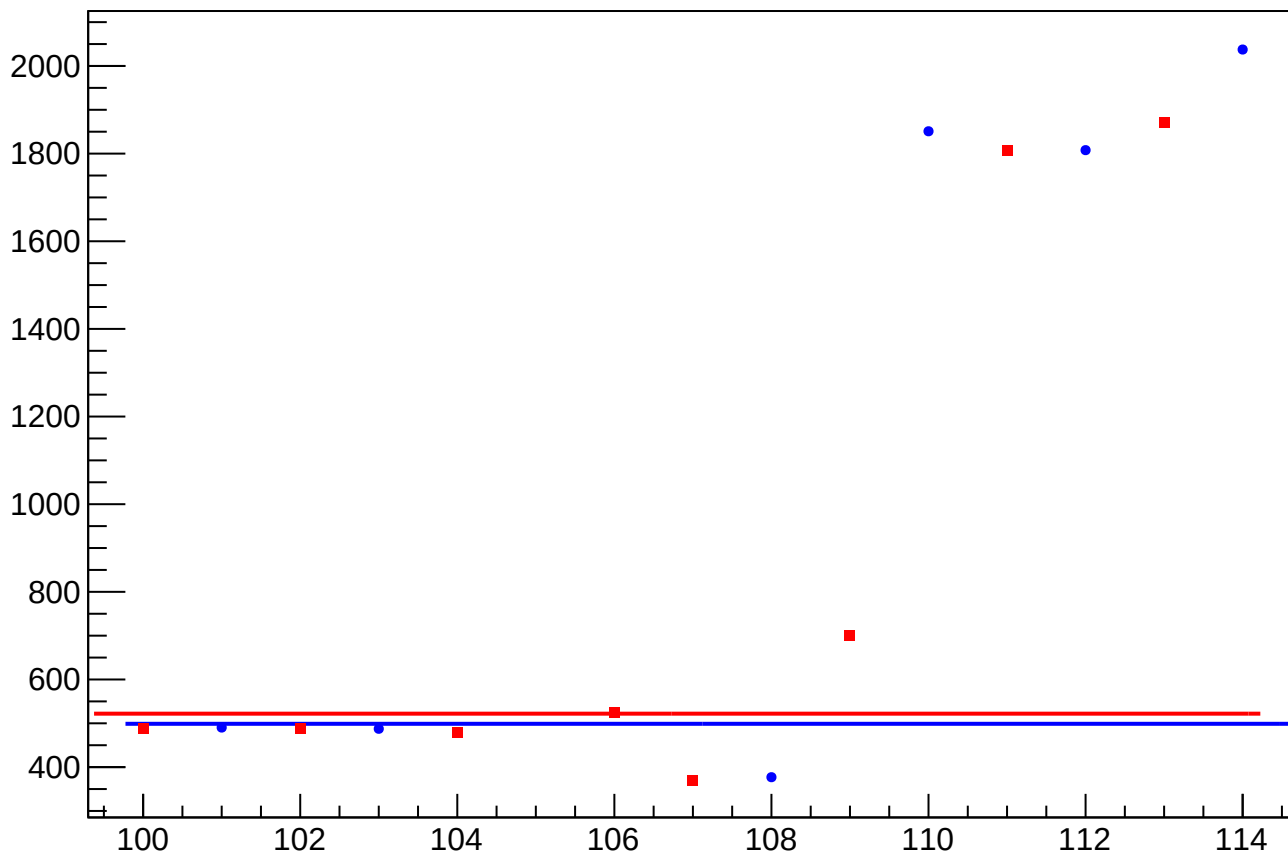
Right: -0.101 ± 0.240 χ^2/NDF : 21.6/13

In: -0.223 ± 0.348 χ^2/NDF : 5.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.240 χ^2/NDF : 21.6/13

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 498.880 $\pm$ 0.246 χ^2 /NDF: 1137451.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 522.006 $\pm$ 0.234 χ^2 /NDF: 1080484.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

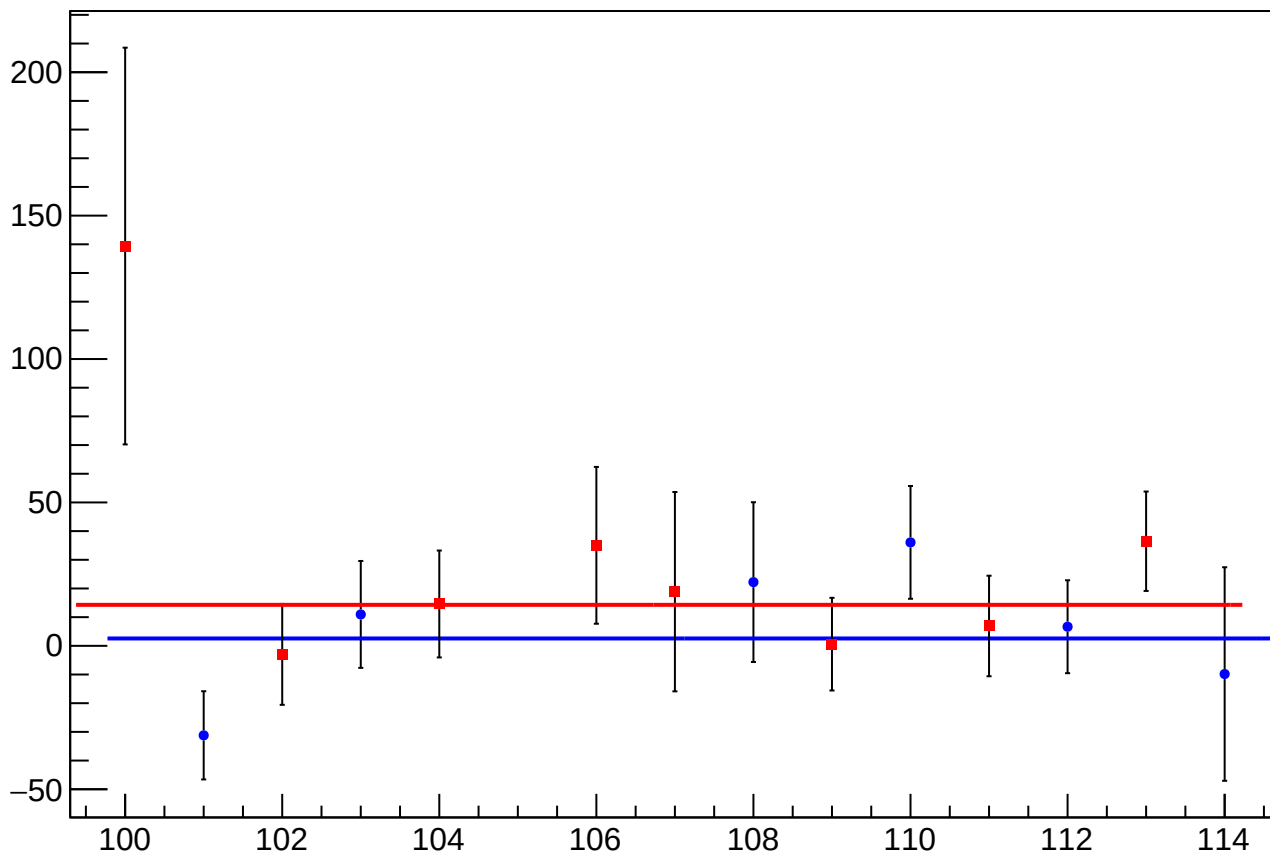
Right: 510.995 $\pm$ 0.170 χ^2 /NDF: 2222574.9/13

In: 498.880 $\pm$ 0.246 χ^2 /NDF:1137451.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 510.995 $\pm$ 0.170 χ^2 /NDF: 2222574.9/13

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

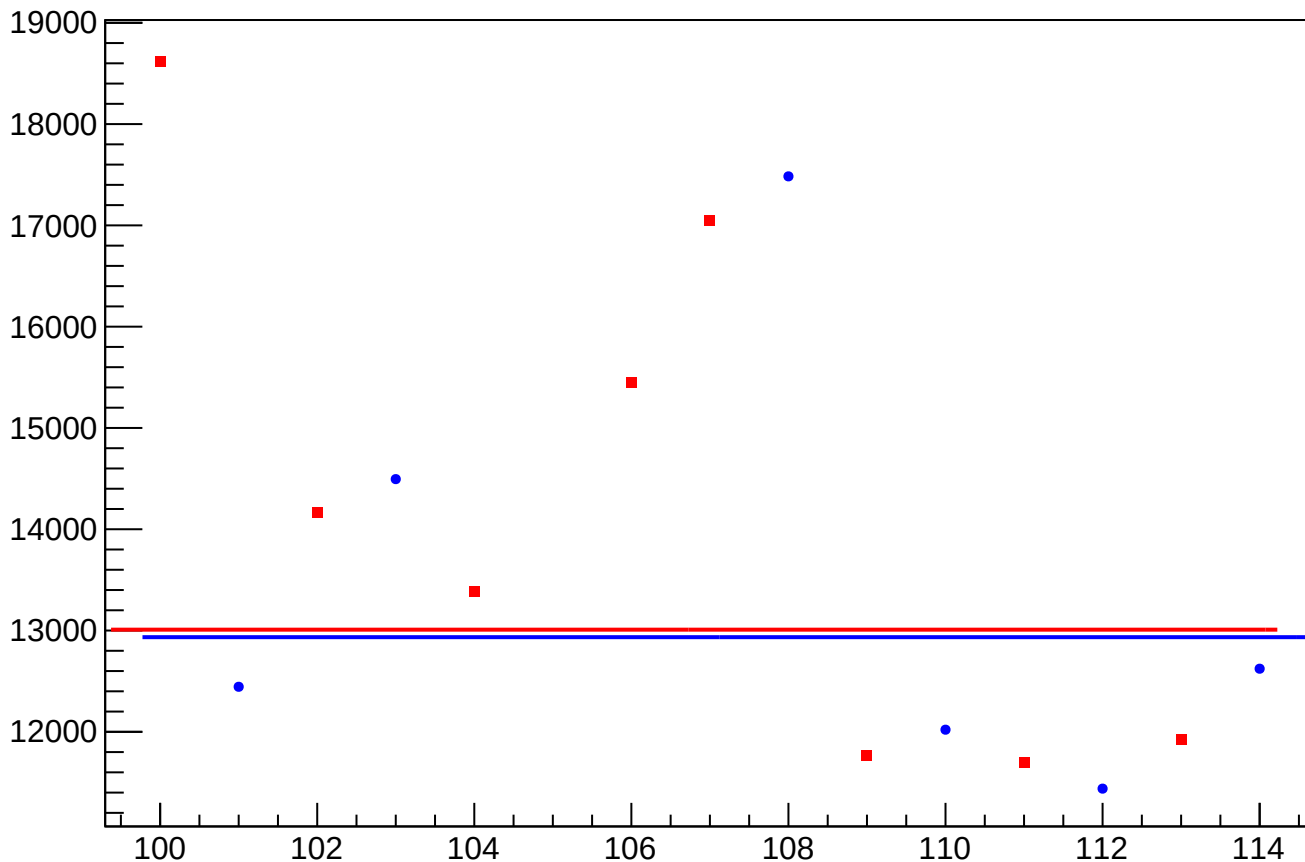
Right: 9.010+/-5.390 χ^2/NDF : 17.1/13

In: 2.569+/-8.027 χ^2/NDF : 8.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.010+/-5.390 χ^2/NDF : 17.1/13

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

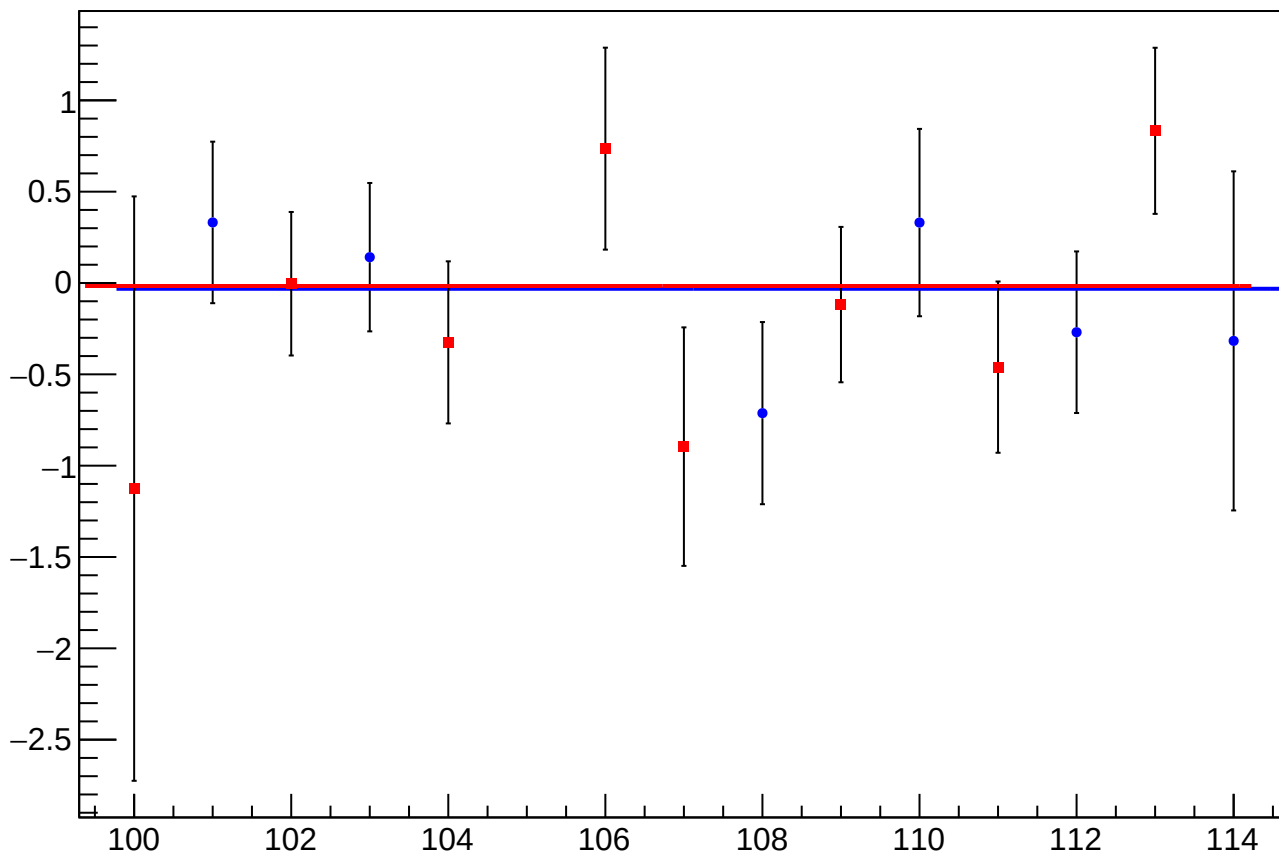
Right: 12975.172+/-3.811 χ^2/NDF : 187279.1/13

In: 12934.454+/-5.676 χ^2/NDF : 90908.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12975.172+/-3.811 χ^2/NDF : 187279.1/13

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

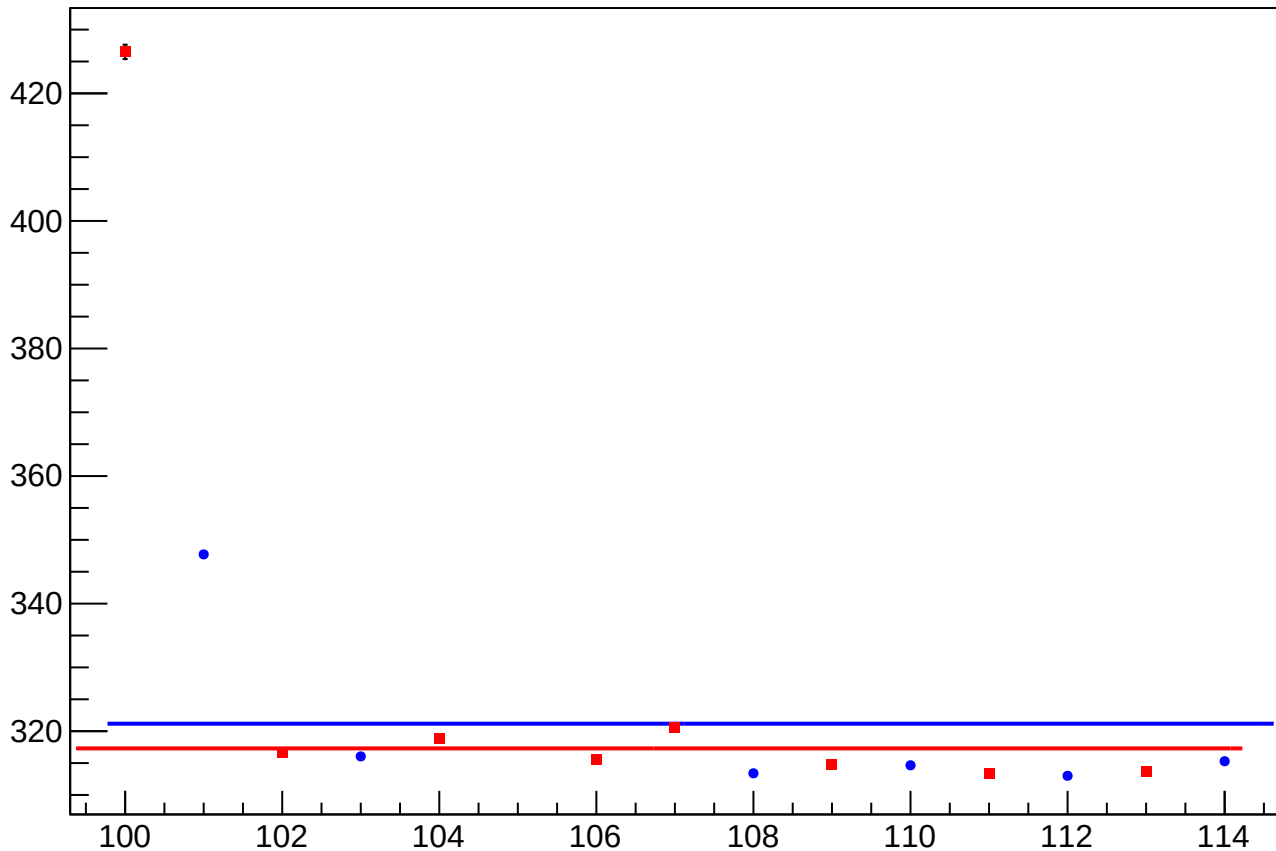
Right: -0.023+/-0.132 χ^2/NDF : 12.7/13

In: -0.032+/-0.199 χ^2/NDF :3.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.023+/-0.132 χ^2/NDF : 12.7/13

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.176+/-0.141 χ^2/NDF : 9100.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.300+/-0.124 χ^2/NDF : 9750.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

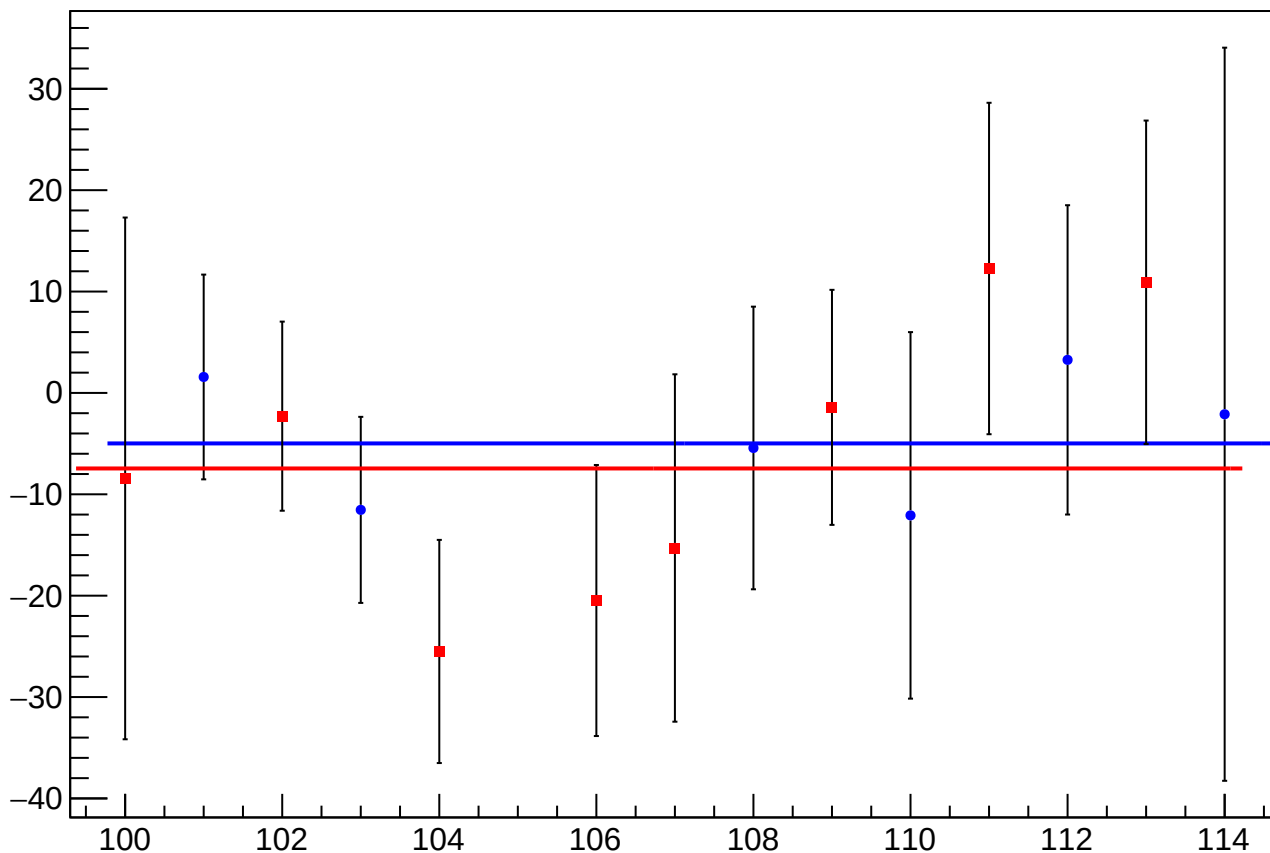
Right: 318.996+/-0.093 χ^2/NDF : 19278.5/13

In: 321.176+/-0.141 χ^2/NDF : 9100.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.996+/-0.093 χ^2/NDF : 19278.5/13

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

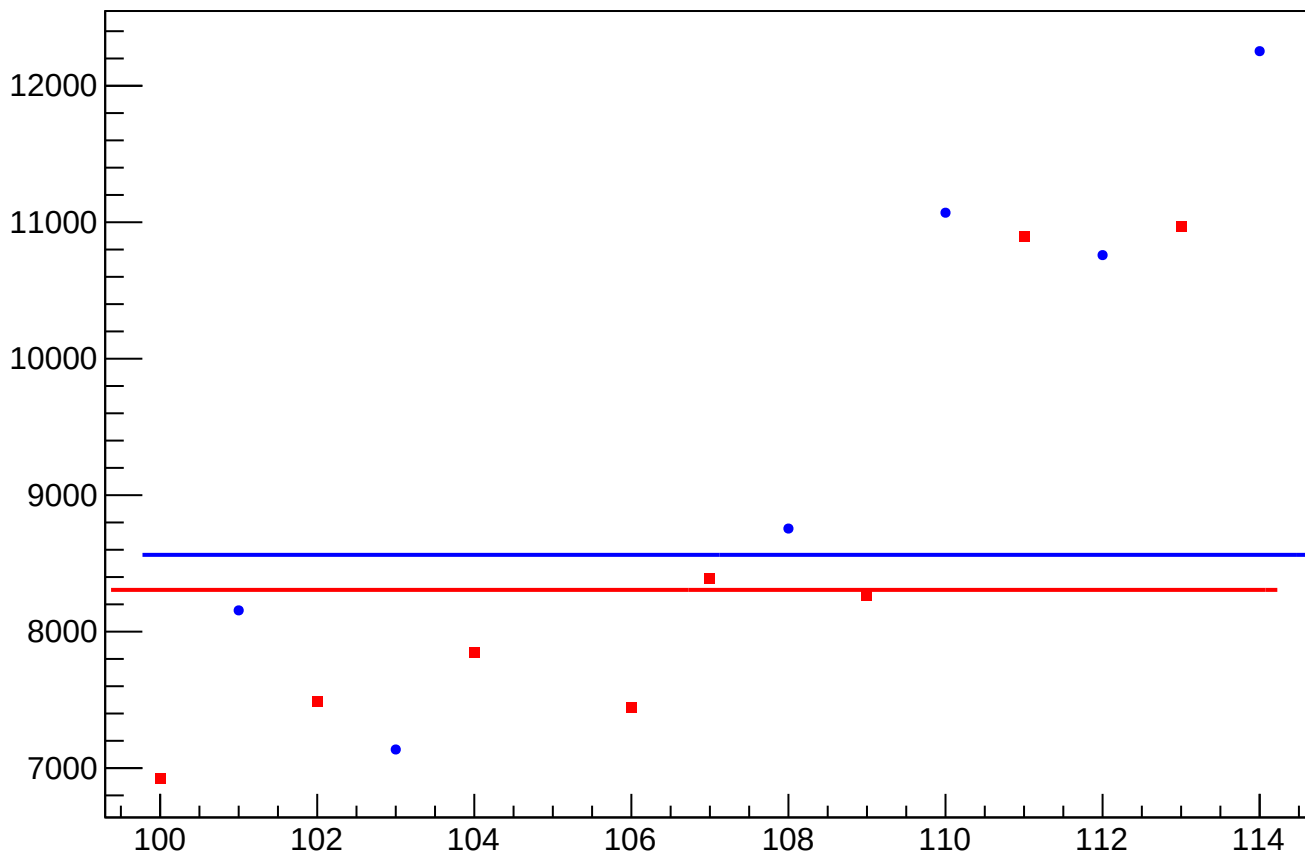
Right: -6.377+/-3.528 χ^2/NDF : 8.7/13

In: -4.981+/-5.349 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.377+/-3.528 χ^2/NDF : 8.7/13

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

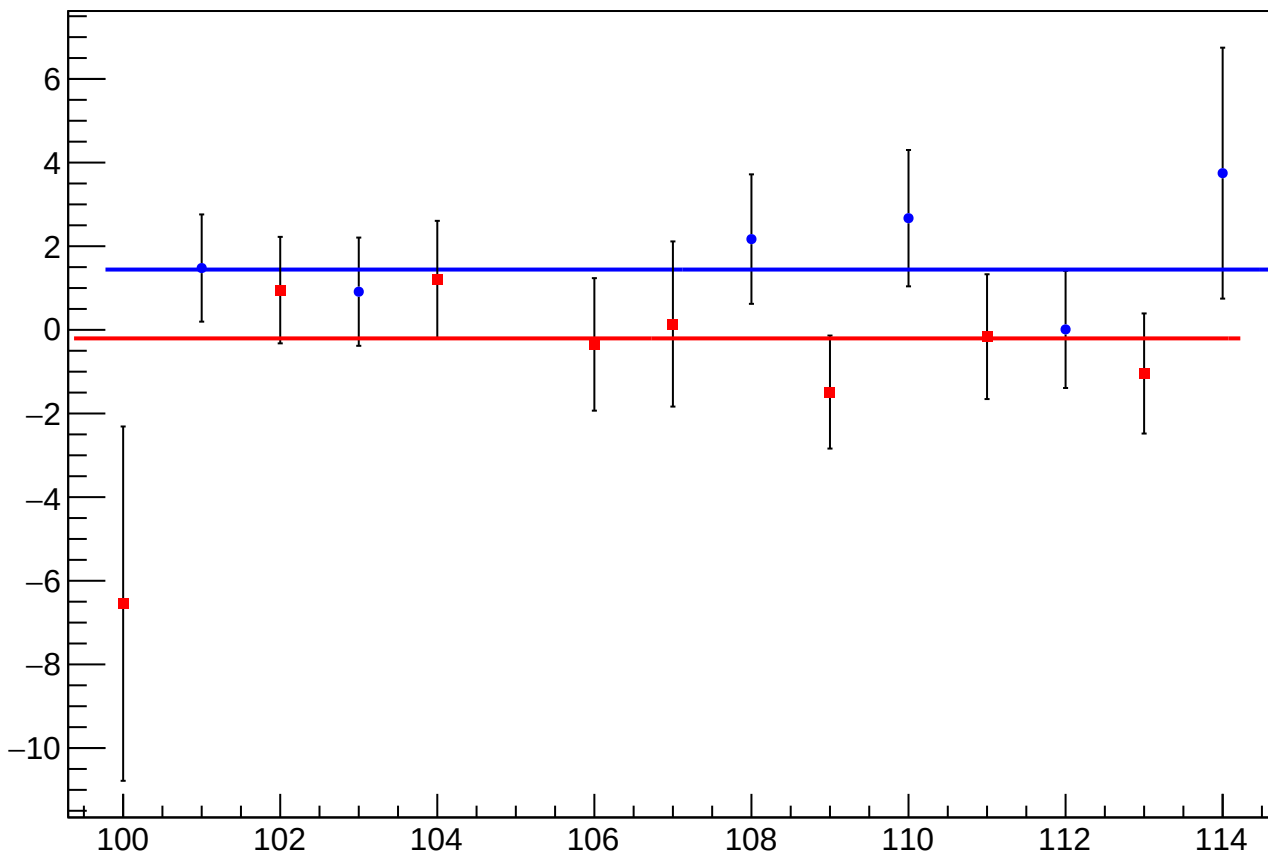
Right: 8417.638+/-2.495 χ^2/NDF : 294404.6/13

In: 8562.689+/-3.783 χ^2/NDF : 152706.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8417.638+/-2.495 χ^2/NDF : 294404.6/13

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

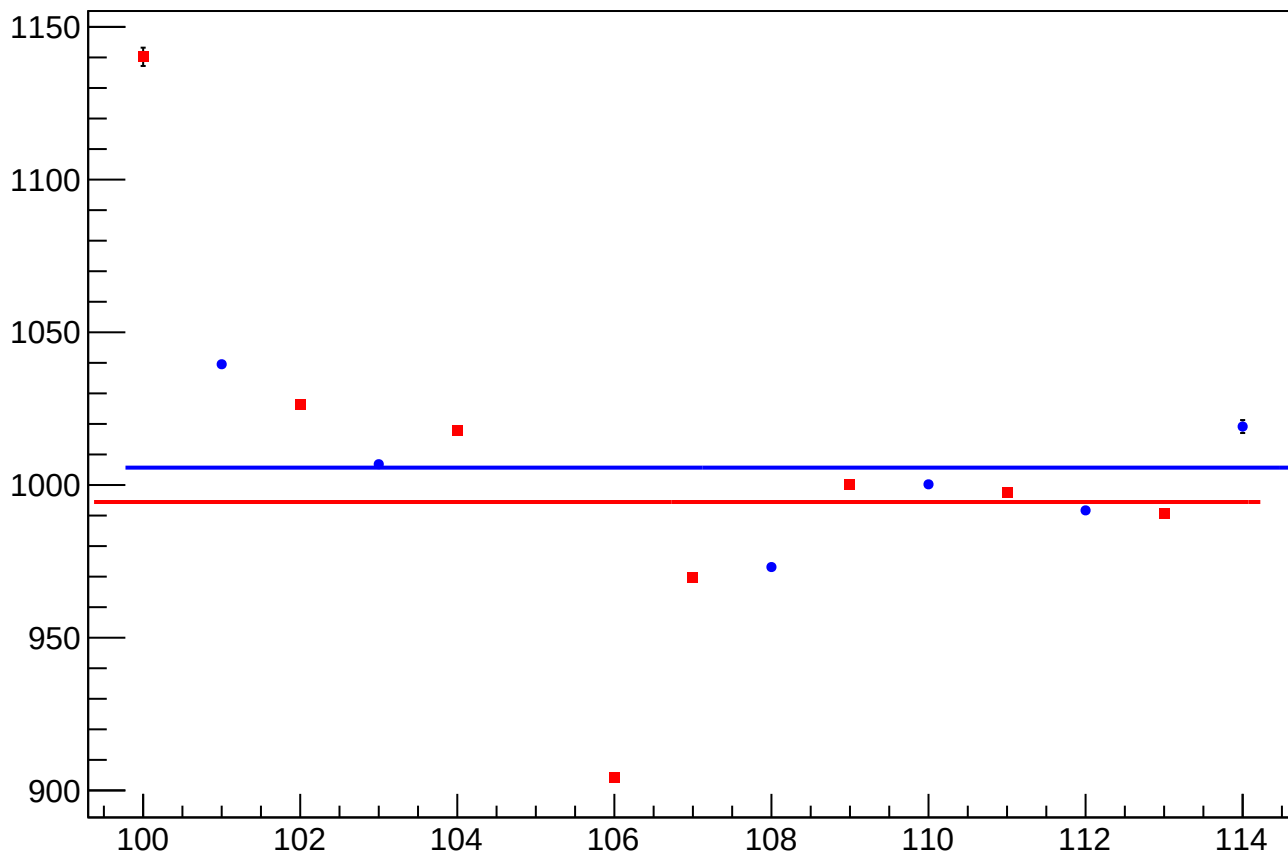
Right: 0.523 $\pm$ 0.411 χ^2 /NDF: 11.9/13

In: 1.442 $\pm$ 0.618 χ^2 /NDF: 2.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.523 $\pm$ 0.411 χ^2 /NDF: 11.9/13

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1005.692 $\pm$ 0.437 χ^2 /NDF: 2542.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 994.437 $\pm$ 0.389 χ^2 /NDF: 11019.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

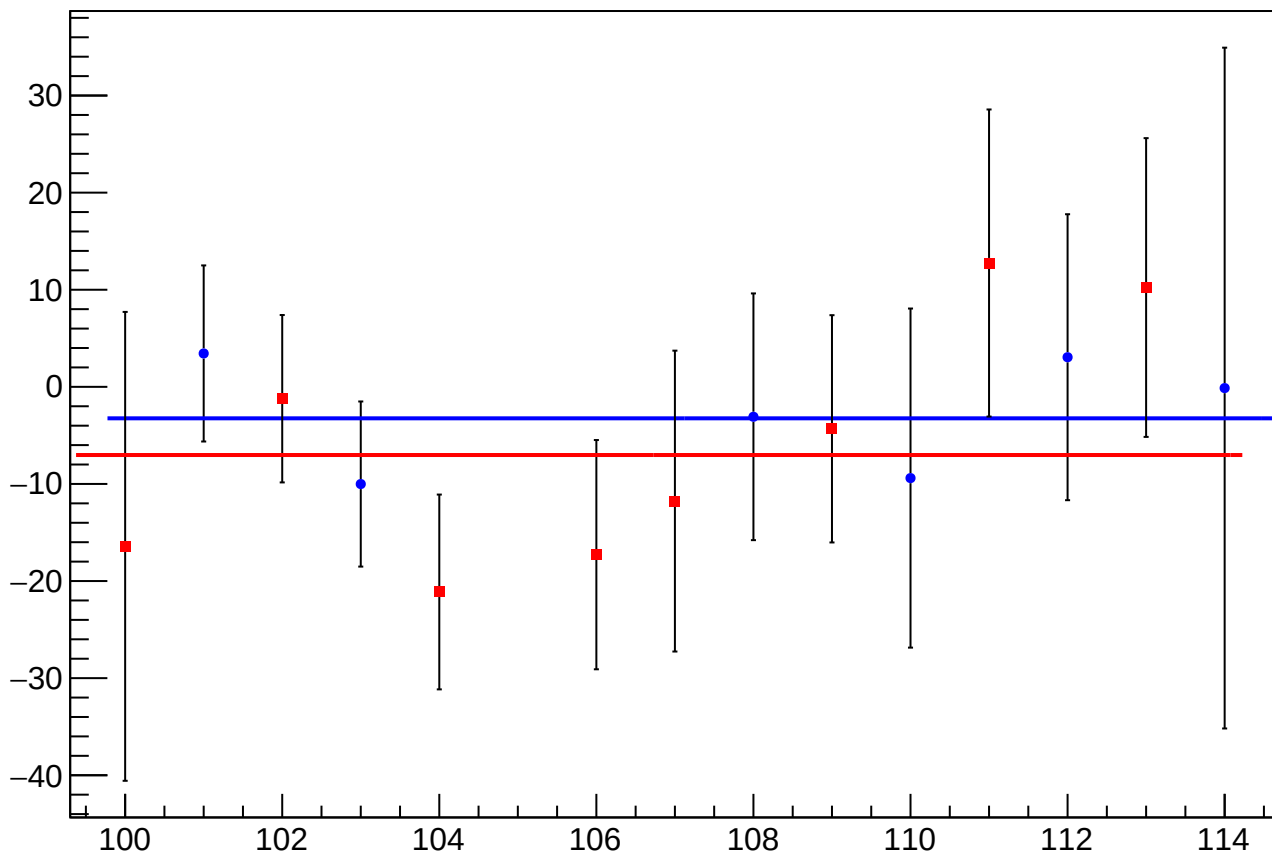
Right: 999.409 $\pm$ 0.290 χ^2 /NDF: 13932.0/13

In: 1005.692 $\pm$ 0.437 χ^2 /NDF:2542.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 999.409 $\pm$ 0.290 χ^2 /NDF: 13932.0/13

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -3.242 $\pm$ 4.945 χ^2 /NDF: 1.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.021 $\pm$ 4.386 χ^2 /NDF: 6.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

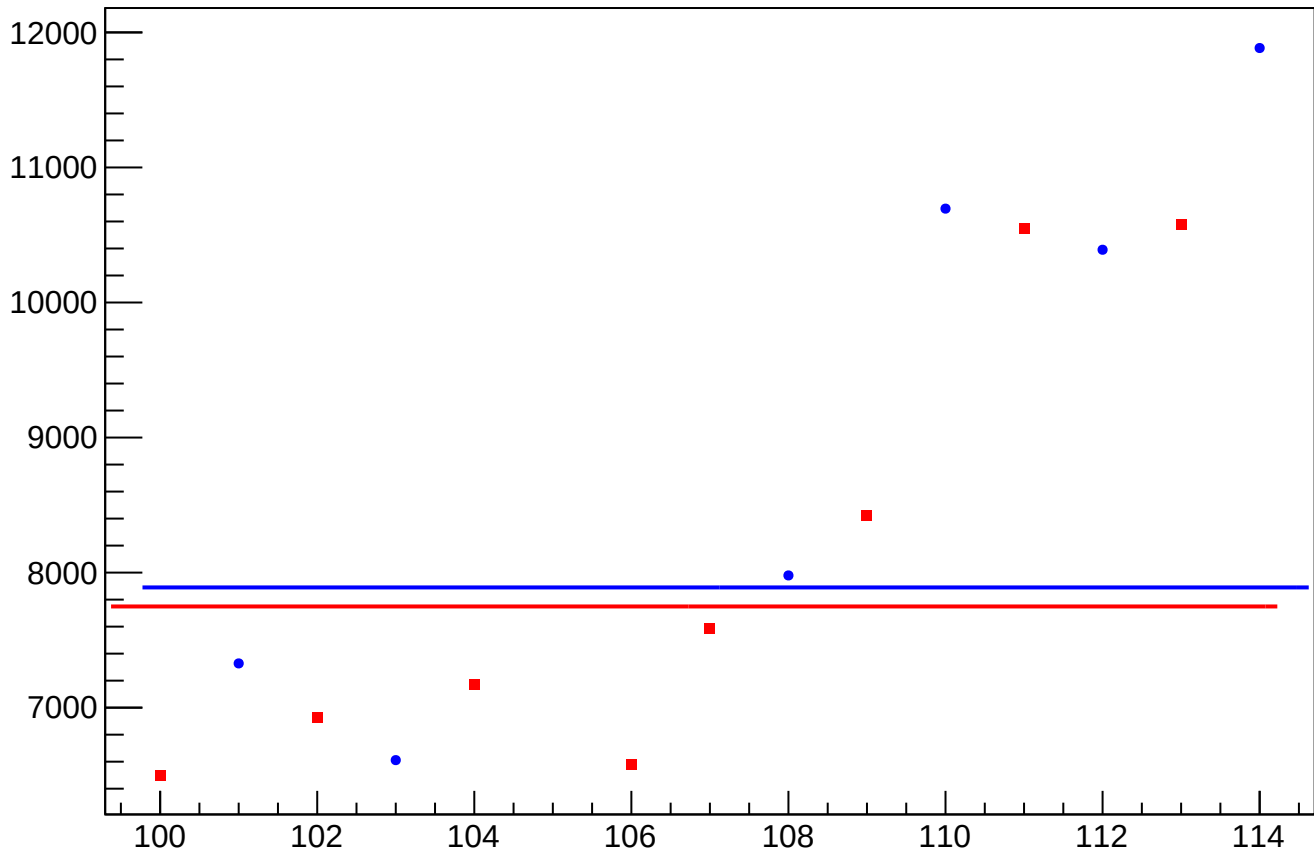
Right: -5.357 $\pm$ 3.281 χ^2 /NDF: 8.1/13

In: -3.242 $\pm$ 4.945 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.357 $\pm$ 3.281 χ^2 /NDF: 8.1/13

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

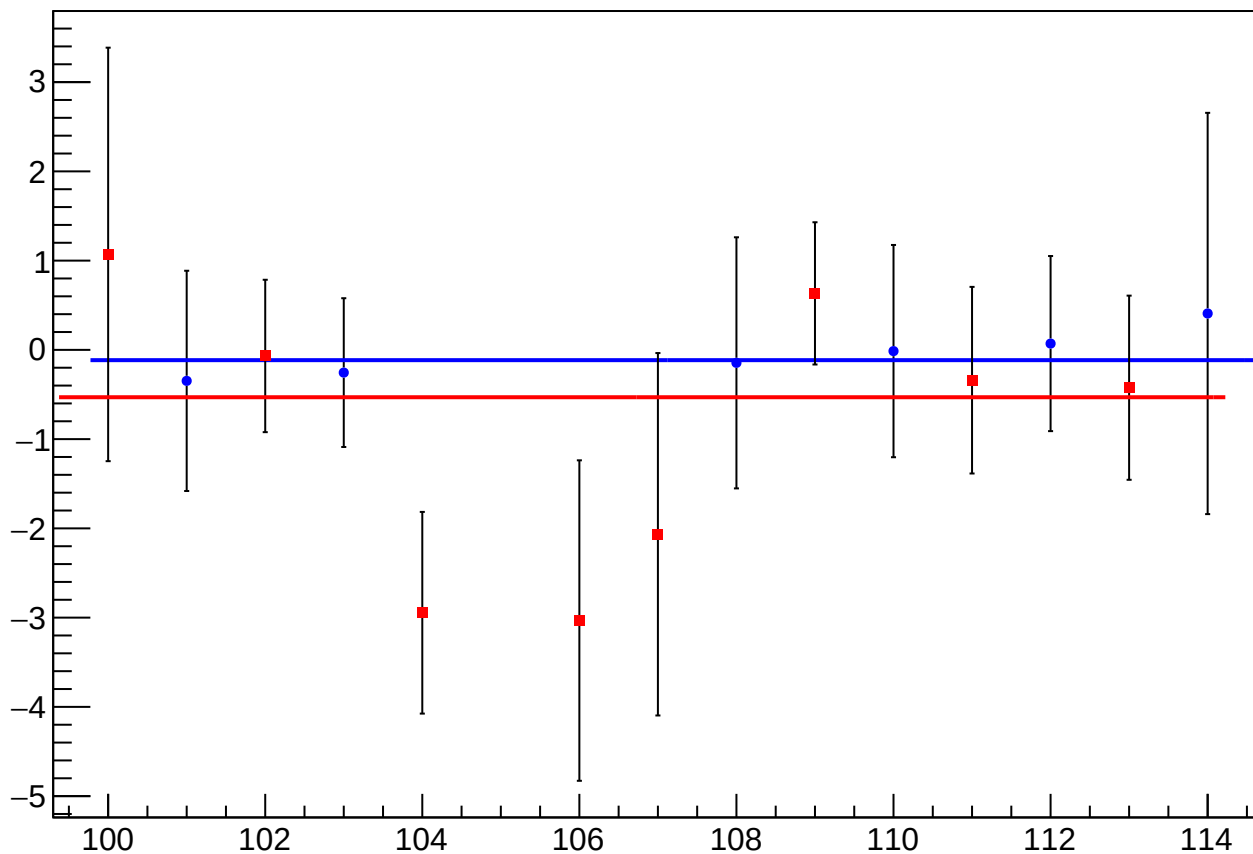
Right: 7811.342+/-2.320 χ^2/NDF : 376491.3/13

In: 7890.230+/-3.497 χ^2/NDF : 188275.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7811.342+/-2.320 χ^2/NDF : 376491.3/13

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

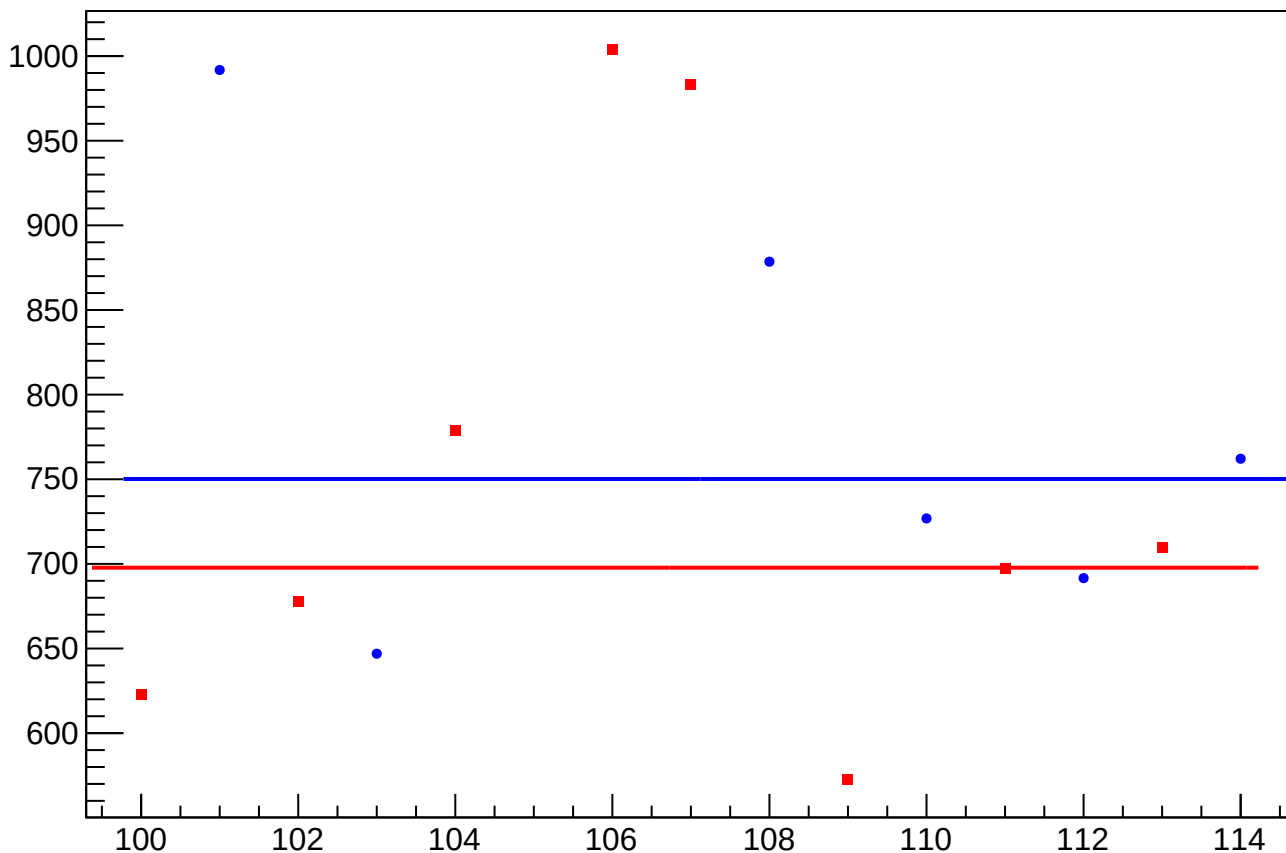
Right: -0.357+/-0.303 χ^2/NDF : 10.6/13

In: -0.115+/-0.469 χ^2/NDF : 0.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.357+/-0.303 χ^2/NDF : 10.6/13

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

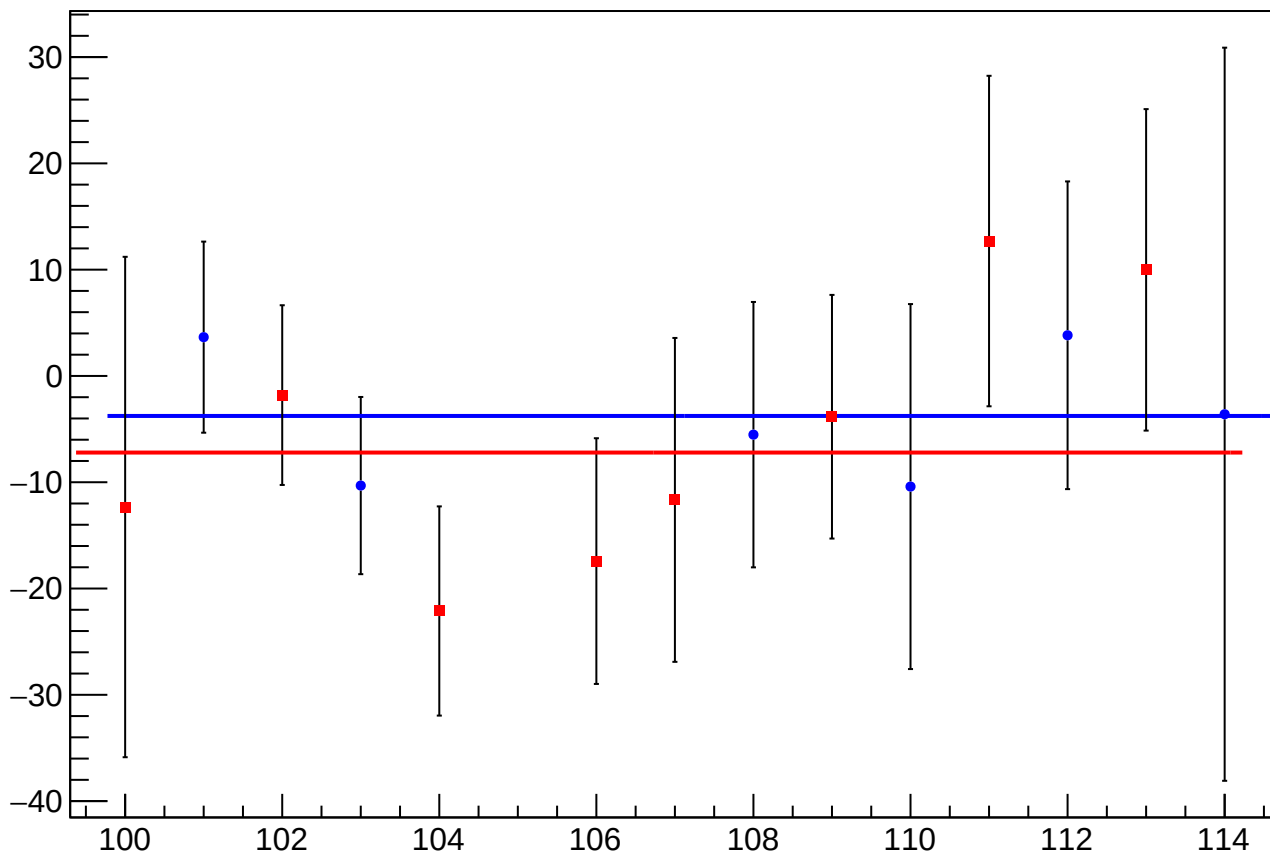
Right: 719.673 $\pm$ 0.214 χ^2 /NDF: 307457.0/13

In: 750.162 $\pm$ 0.332 χ^2 /NDF:131989.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 719.673 $\pm$ 0.214 χ^2 /NDF: 307457.0/13

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

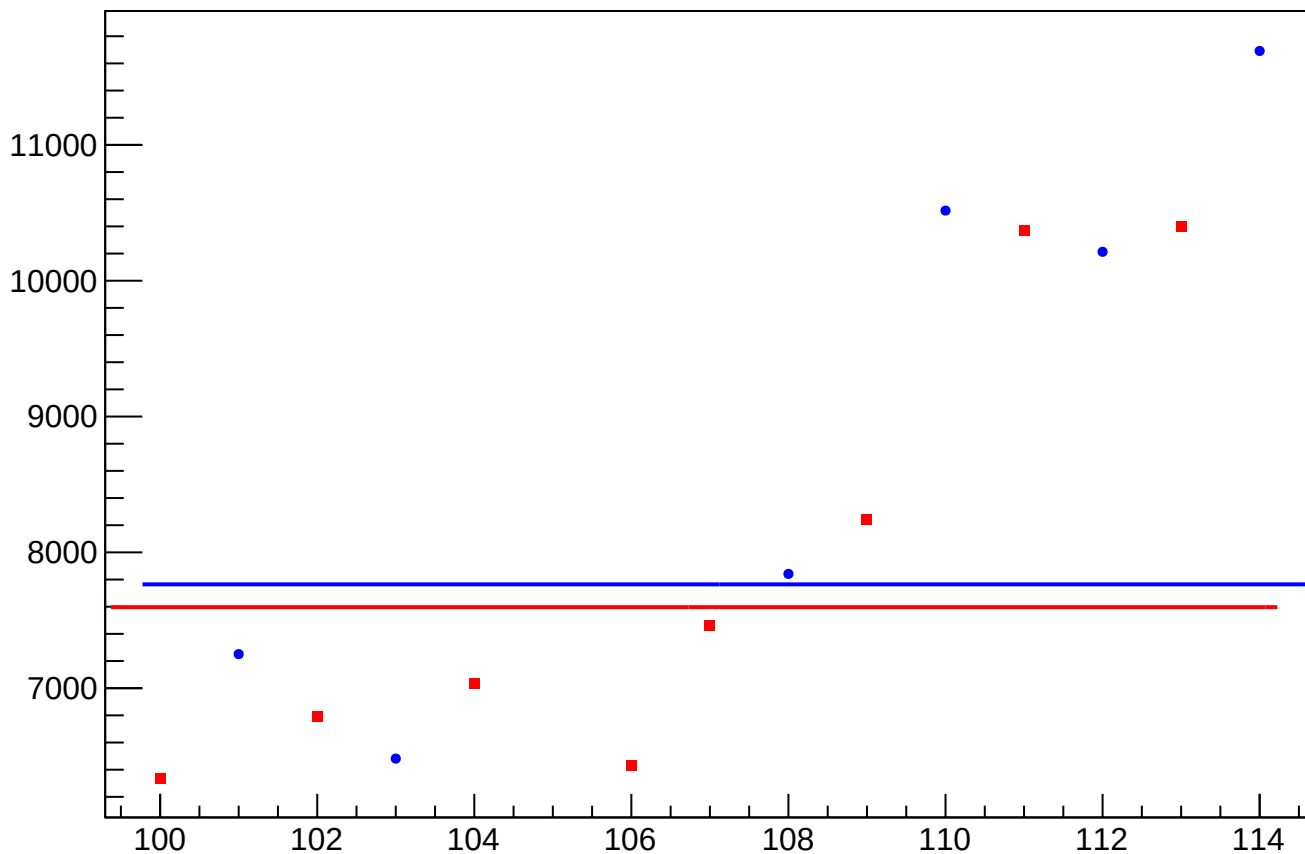
Right: -5.697+/-3.224 χ^2/NDF : 8.7/13

In: -3.763+/-4.869 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.697+/-3.224 χ^2/NDF : 8.7/13

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

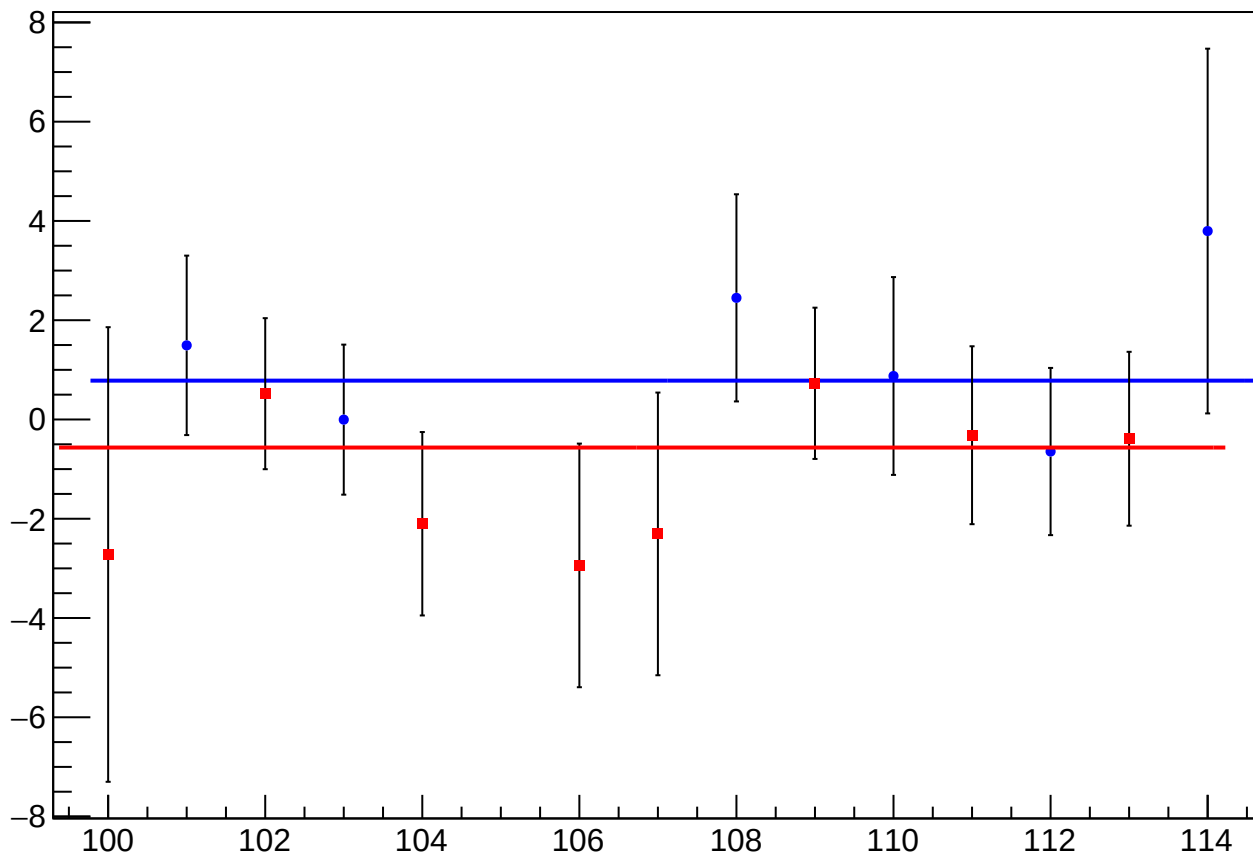
Right: 7670.204+/-2.280 χ^2/NDF : 379416.4/13

In: 7764.466+/-3.443 χ^2/NDF : 188501.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7670.204+/-2.280 χ^2/NDF : 379416.4/13

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

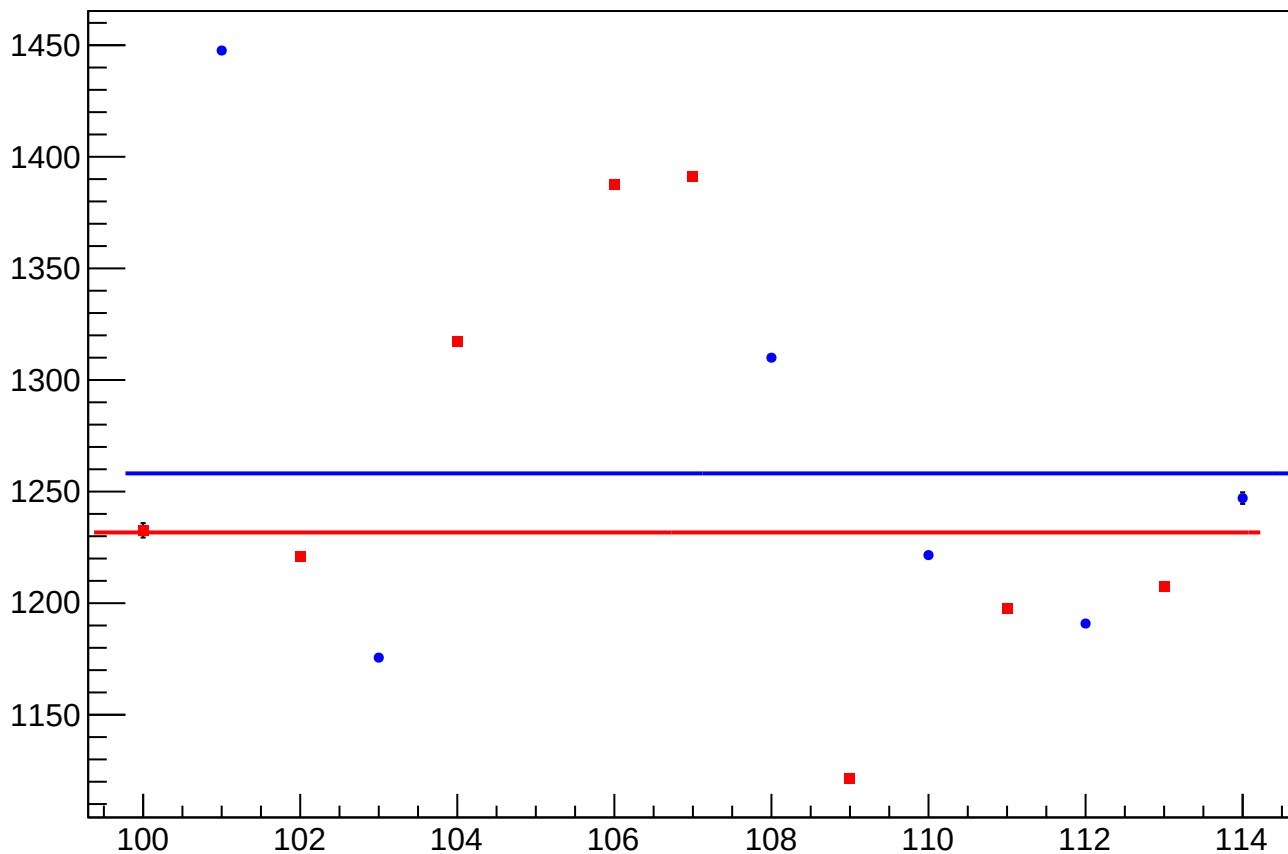
Right: 0.023 $\pm$ 0.514 χ^2 /NDF: 7.6/13

In: 0.782 $\pm$ 0.778 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.514 χ^2 /NDF: 7.6/13

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

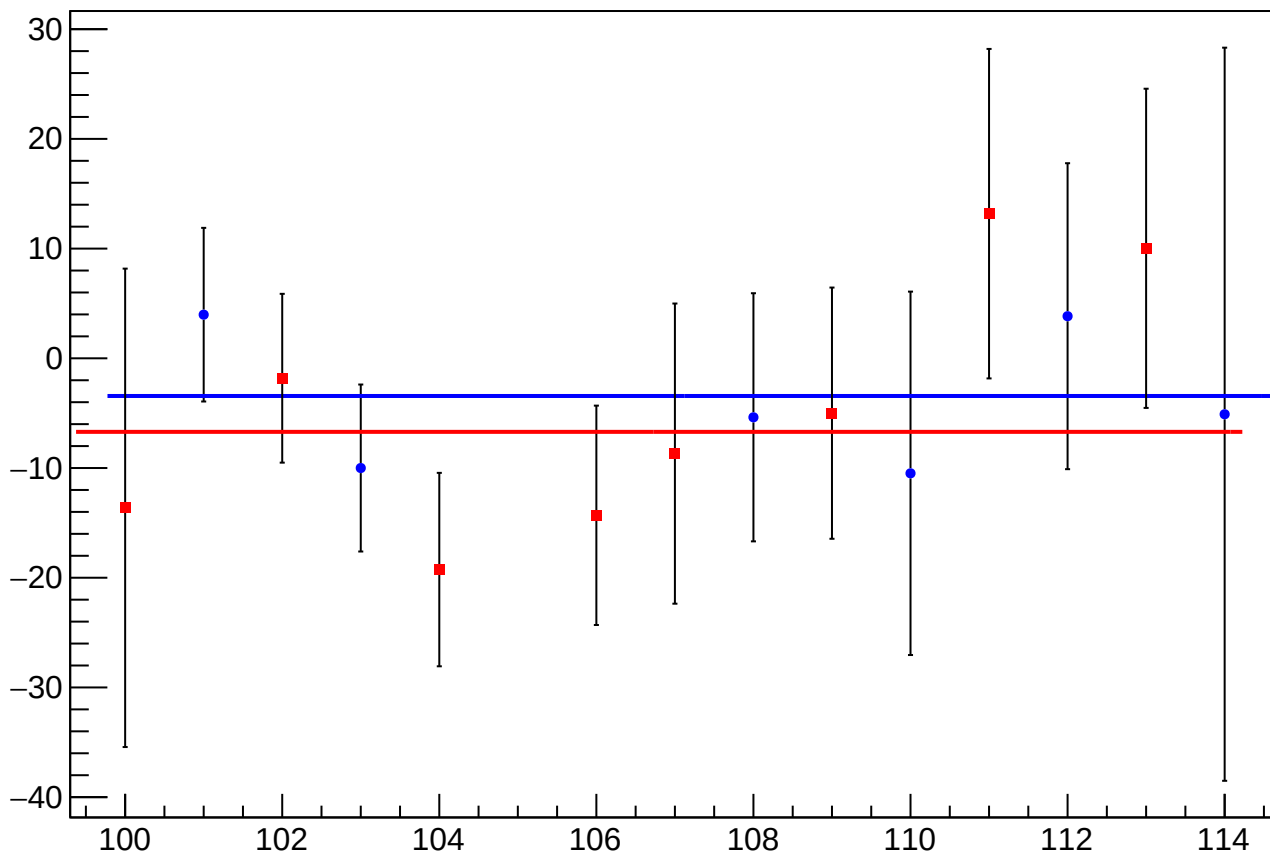
Right: 1243.249+/-0.364 χ^2/NDF : 64649.8/13

In: 1258.151+/-0.550 χ^2/NDF : 33047.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1243.249+/-0.364 χ^2/NDF : 64649.8/13

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

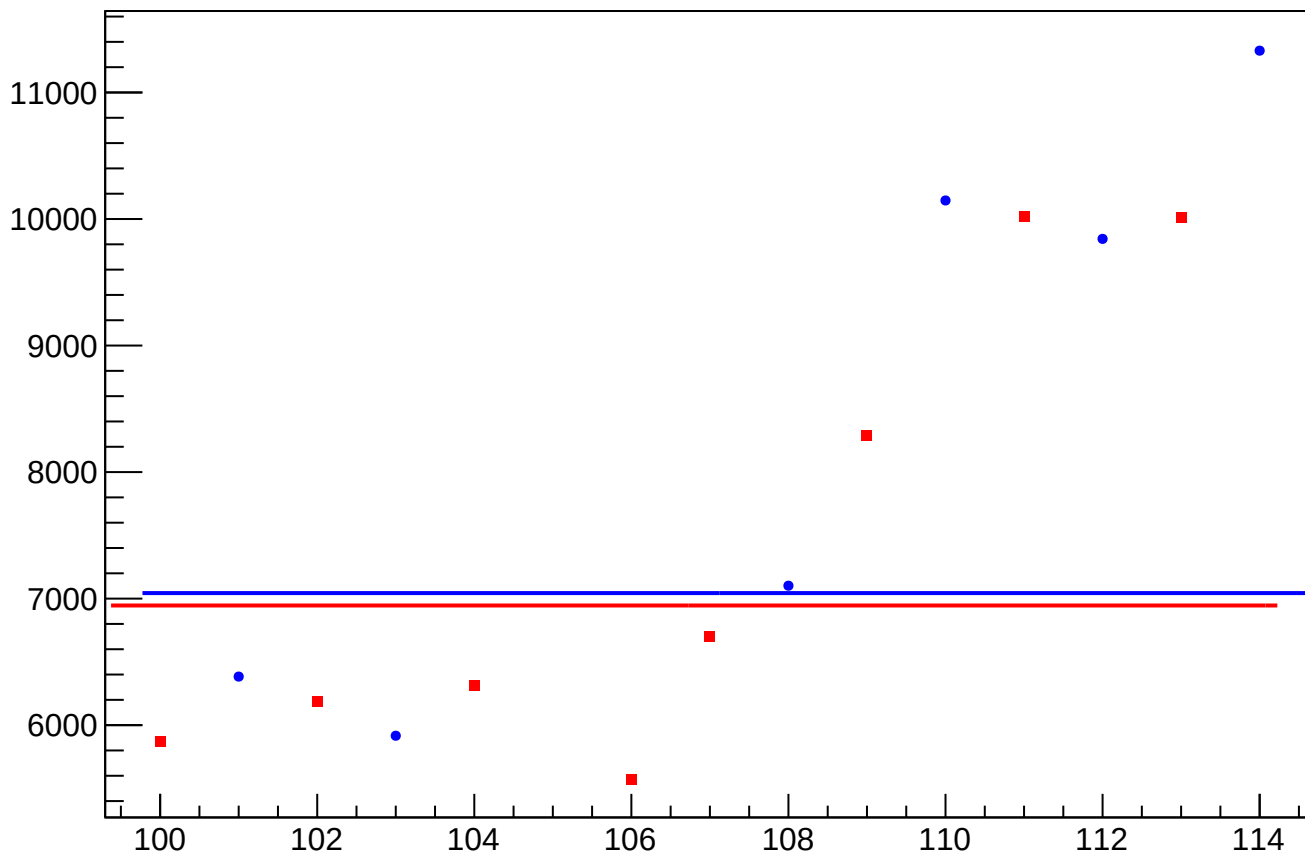
Right: -5.258+/-2.952 χ^2/NDF : 8.6/13

In: -3.434+/-4.439 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.258+/-2.952 χ^2/NDF : 8.6/13

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7043.785+/-3.139 χ^2/NDF : 241586.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6945.699+/-2.795 χ^2/NDF : 273134.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

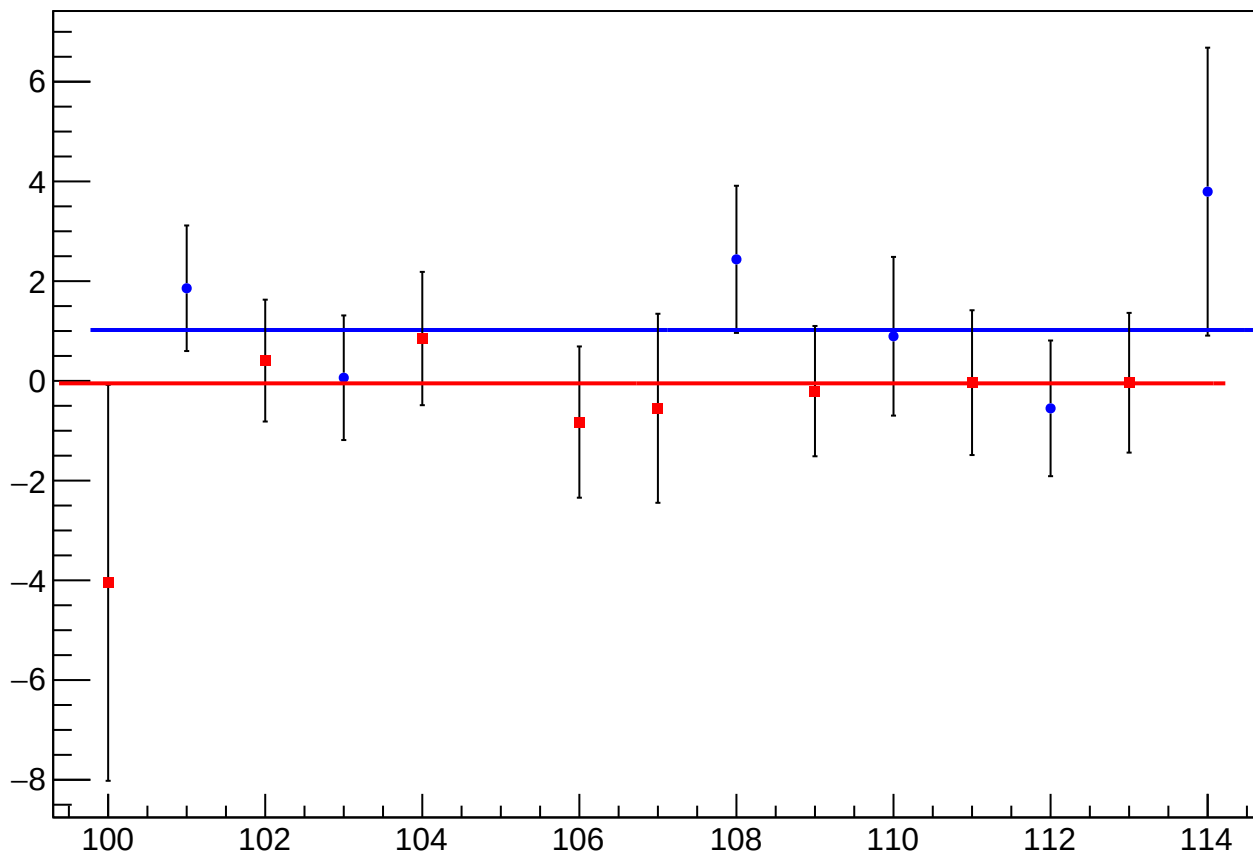
Right: 6989.072+/-2.087 χ^2/NDF : 515265.0/13

In: 7043.785+/-3.139 χ^2/NDF : 241586.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6989.072+/-2.087 χ^2/NDF : 515265.0/13

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.020+/-0.599 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.050+/-0.529 χ^2/NDF : 2.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

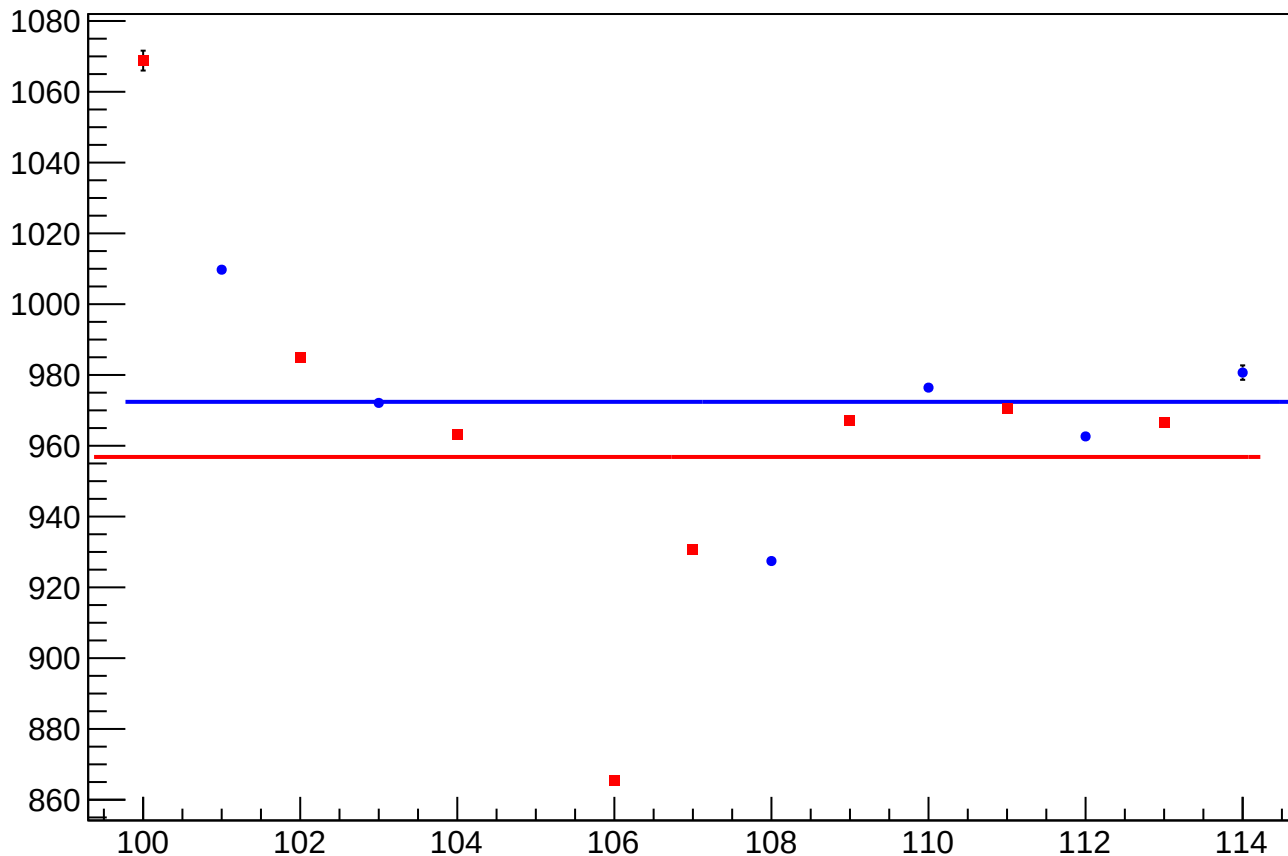
Right: 0.419+/-0.396 χ^2/NDF : 8.0/13

In: 1.020+/-0.599 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.419+/-0.396 χ^2/NDF : 8.0/13

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

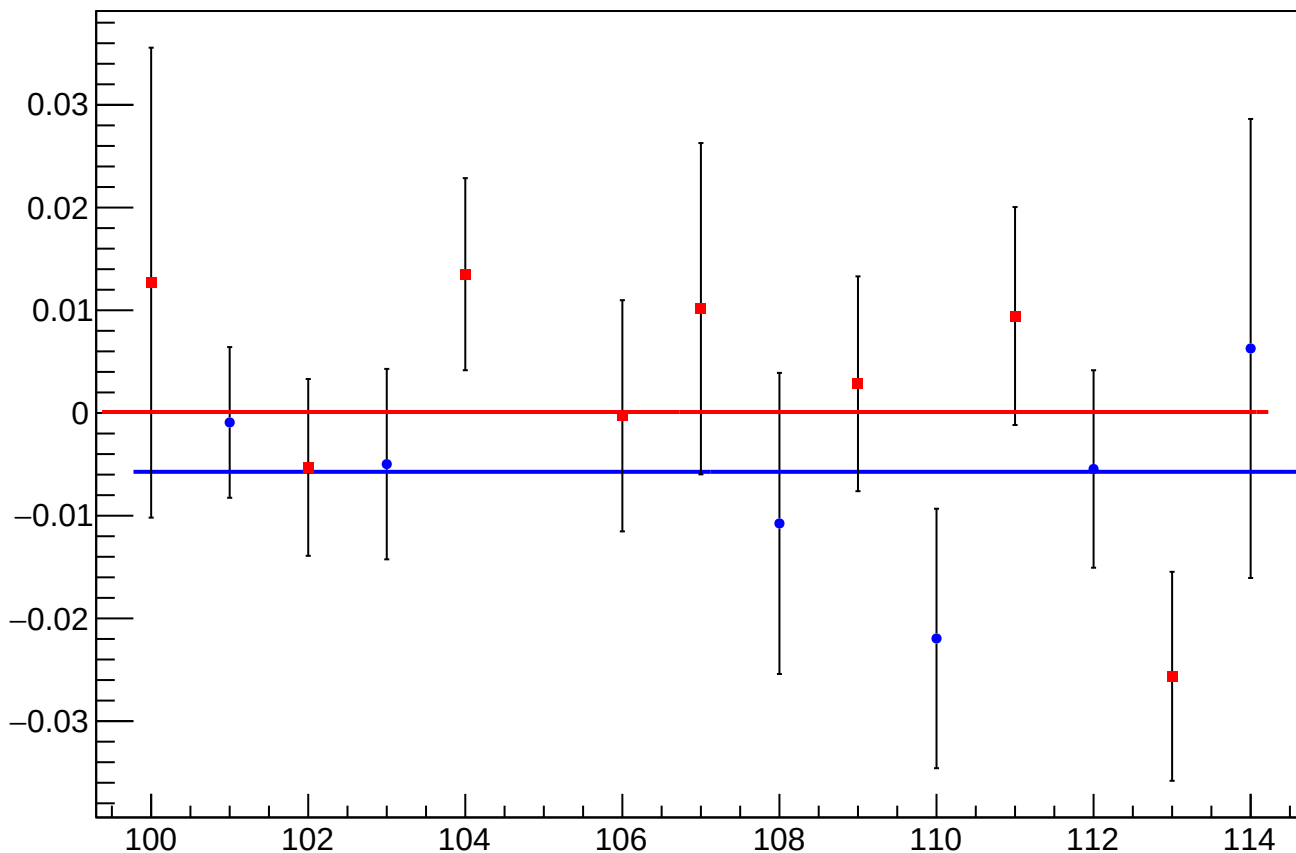
Right: 963.658 $\pm$ 0.280 χ^2 /NDF: 15225.2/13

In: 972.408 $\pm$ 0.424 χ^2 /NDF:3749.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 963.658 $\pm$ 0.280 χ^2 /NDF: 15225.2/13

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

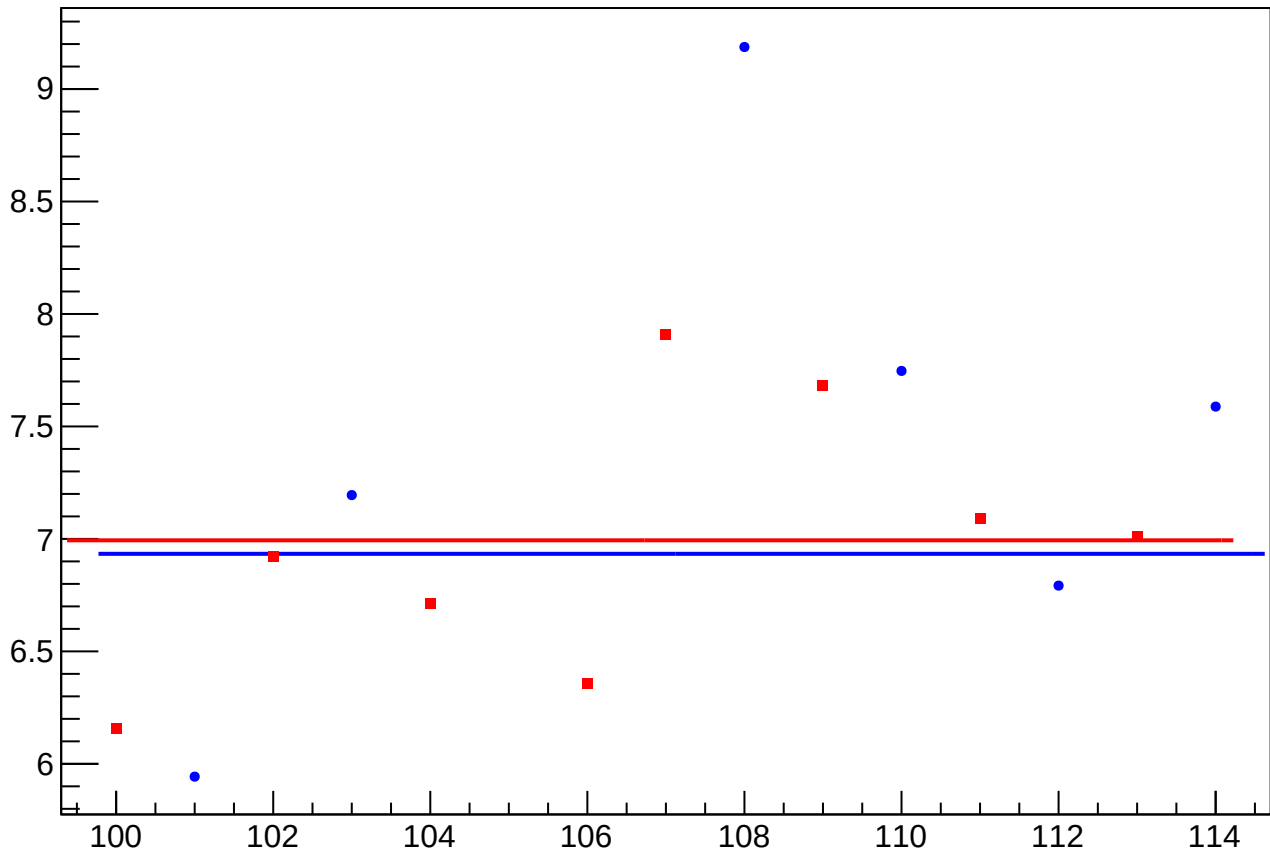
Right: -0.003 $\pm$ 0.003 χ^2 /NDF: 13.9/13

In: -0.006 $\pm$ 0.004 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.003 χ^2 /NDF: 13.9/13

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

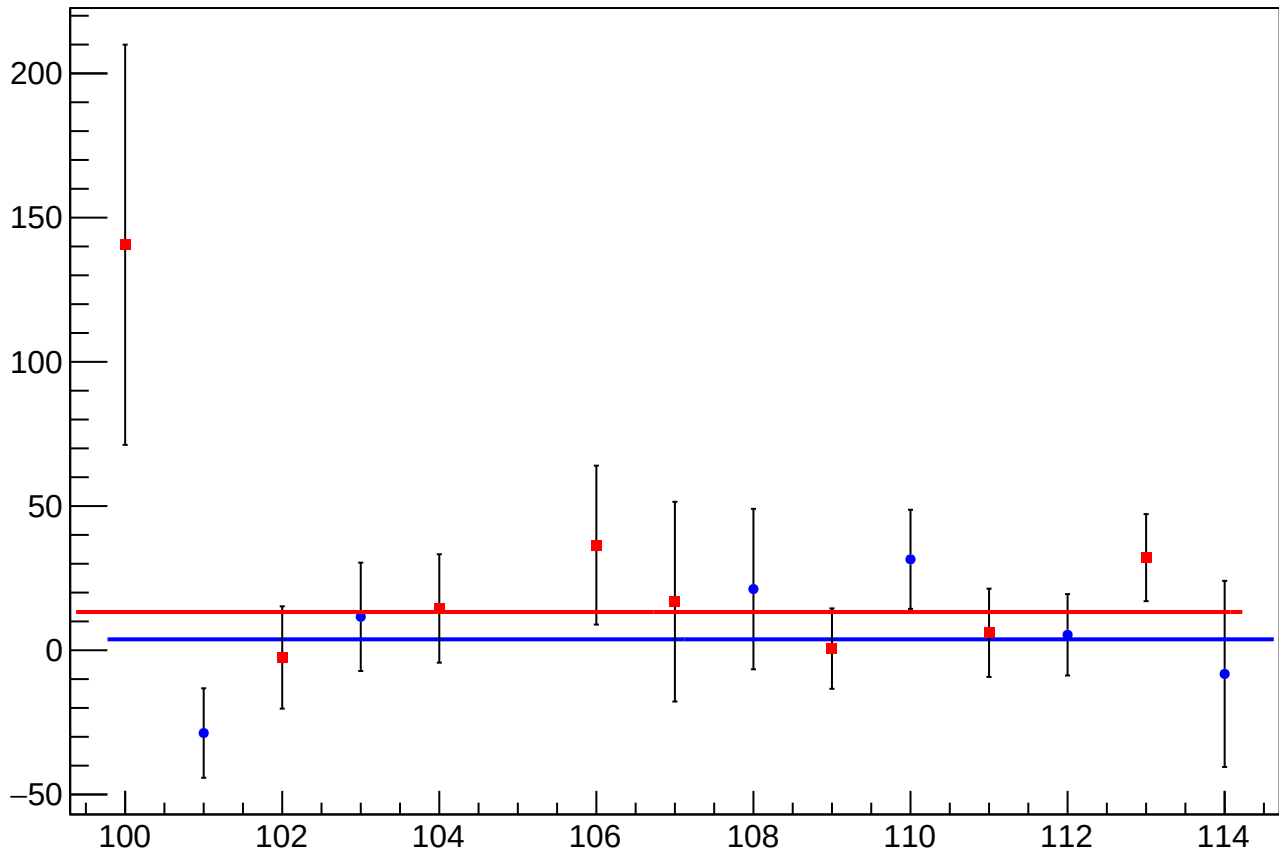
Right: 6.967 $\pm$ 0.002 χ^2 /NDF: 122264.3/13

In: 6.934 $\pm$ 0.003 χ^2 /NDF:95748.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.967 $\pm$ 0.002 χ^2 /NDF: 122264.3/13

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 3.796 $\pm$ 7.526 χ^2 /NDF: 7.7/5

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 13.269 $\pm$ -6.714 χ^2 /NDF: 7.5/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

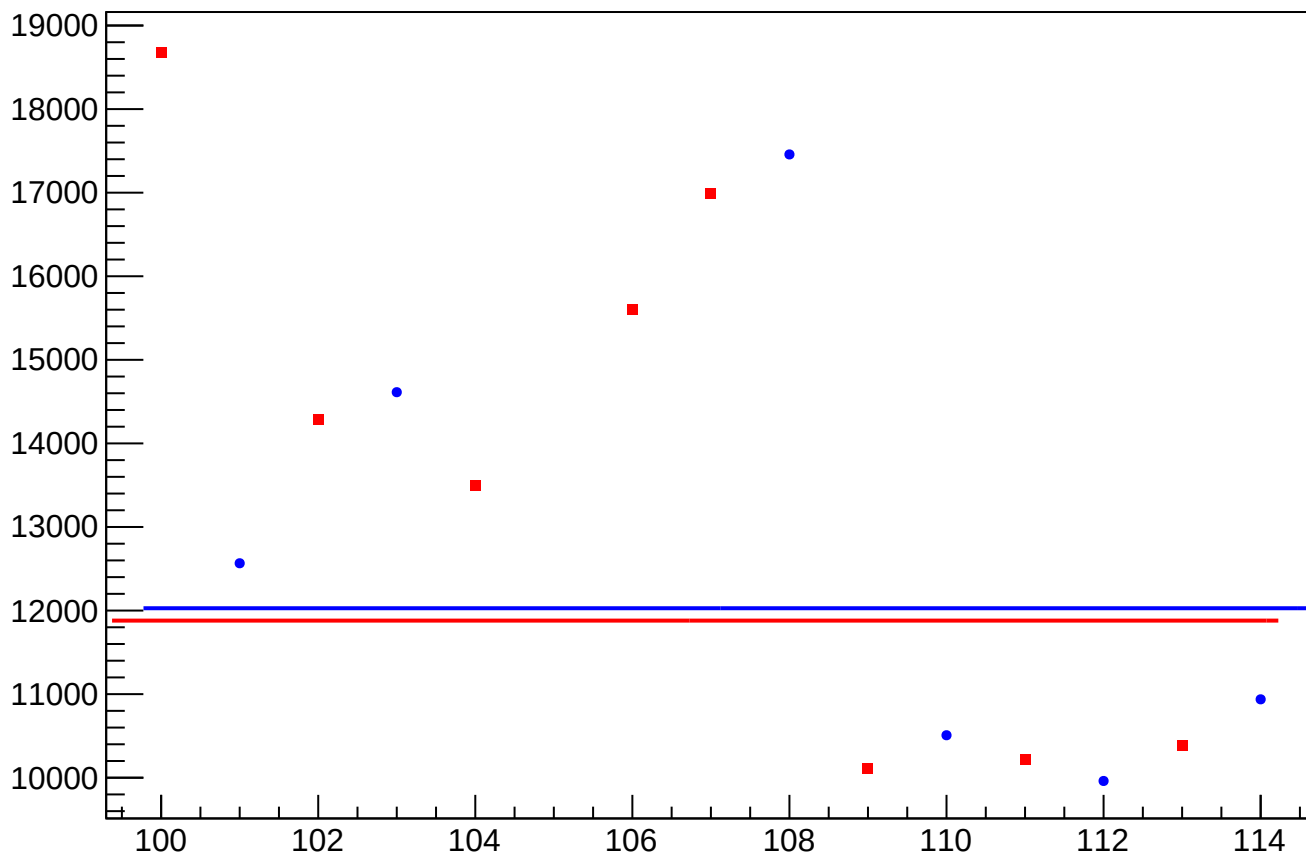
Right: 9.070 $\pm$ -5.010 χ^2 /NDF: 16.1/13

In: 3.796 $\pm$ -7.526 χ^2 /NDF:7.7/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 9.070 $\pm$ -5.010 χ^2 /NDF: 16.1/13

diff_targ_positionX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

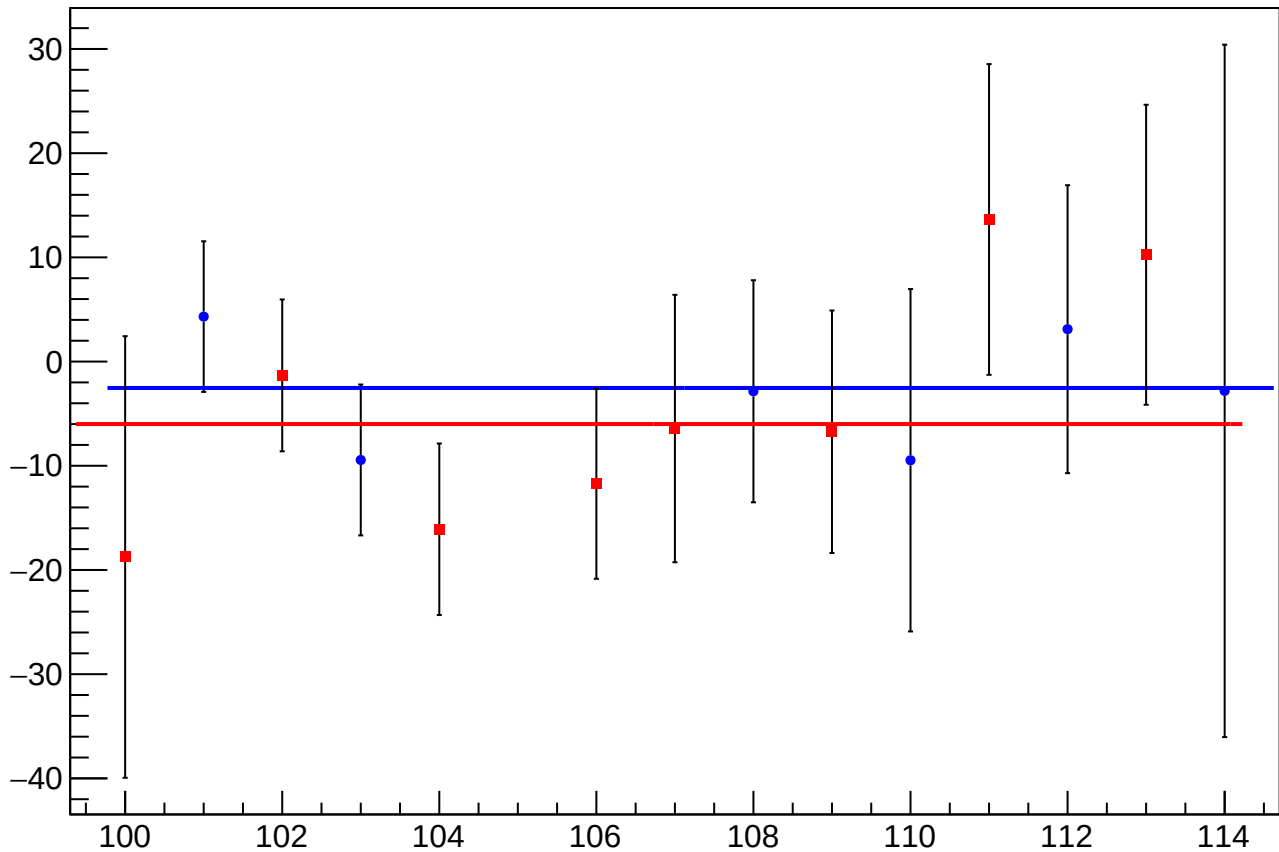
Right: 11945.406+/-3.543 χ^2/NDF : 404216.5/13

In: 12027.785+/-5.322 χ^2/NDF : 177369.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11945.406+/-3.543 χ^2/NDF : 404216.5/13

diff_targ_positionY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

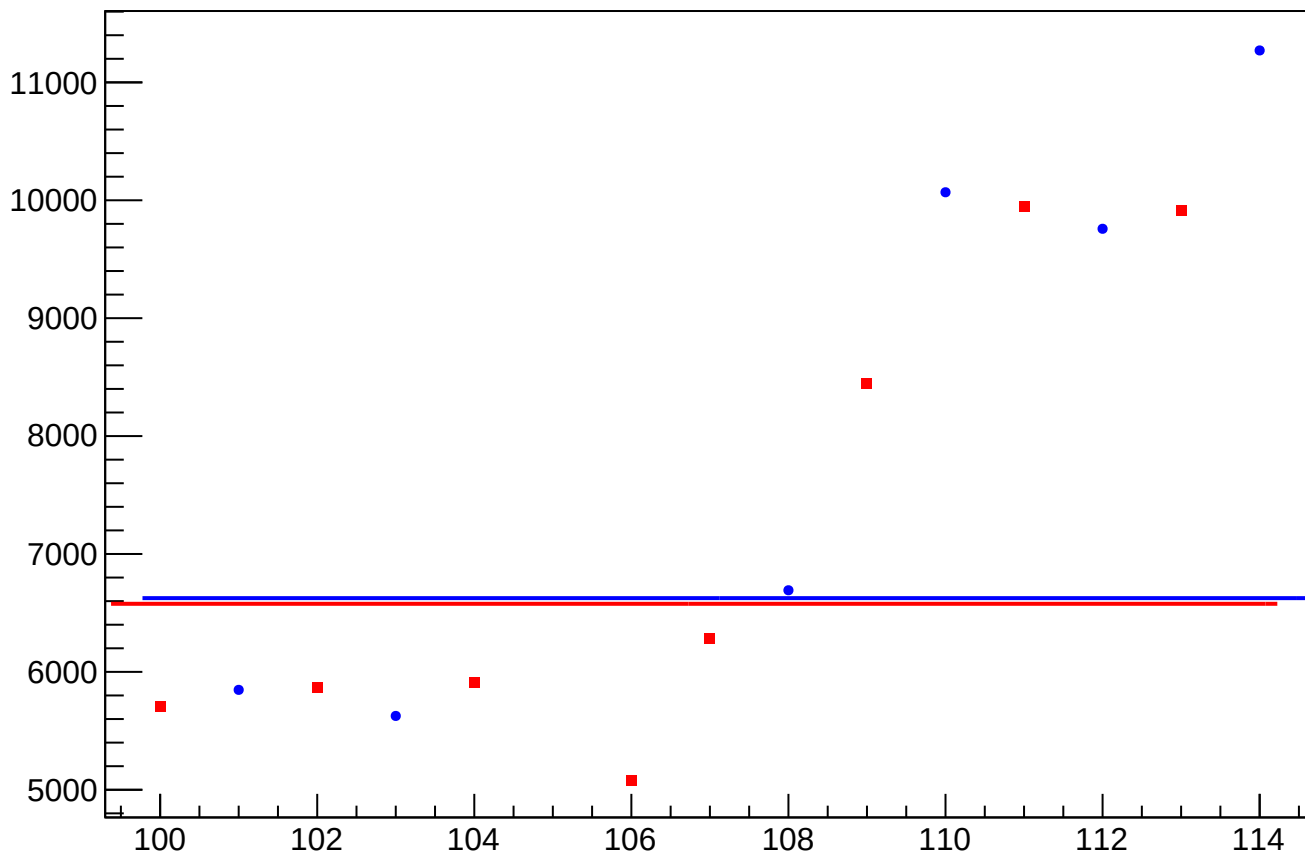
Right: -4.452+/-2.800 χ^2/NDF : 8.2/13

In: -2.532+/-4.193 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.452+/-2.800 χ^2/NDF : 8.2/13

diff_targ_positionY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

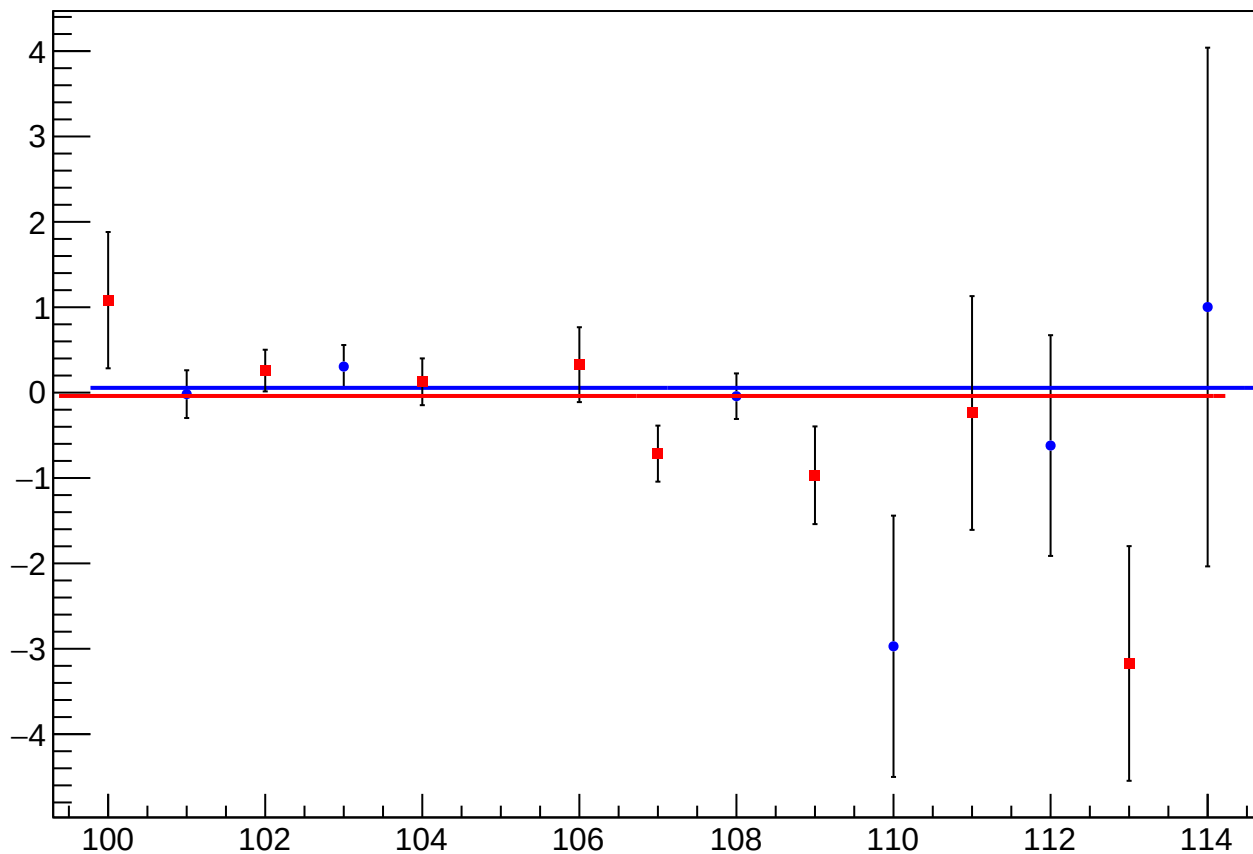
Right: 6598.846+/-1.980 χ^2/NDF : 643107.2/13

In: 6625.434+/-2.965 χ^2/NDF : 291062.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6598.846+/-1.980 χ^2/NDF : 643107.2/13

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.151 χ^2/NDF : 5.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.141 χ^2/NDF : 16.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

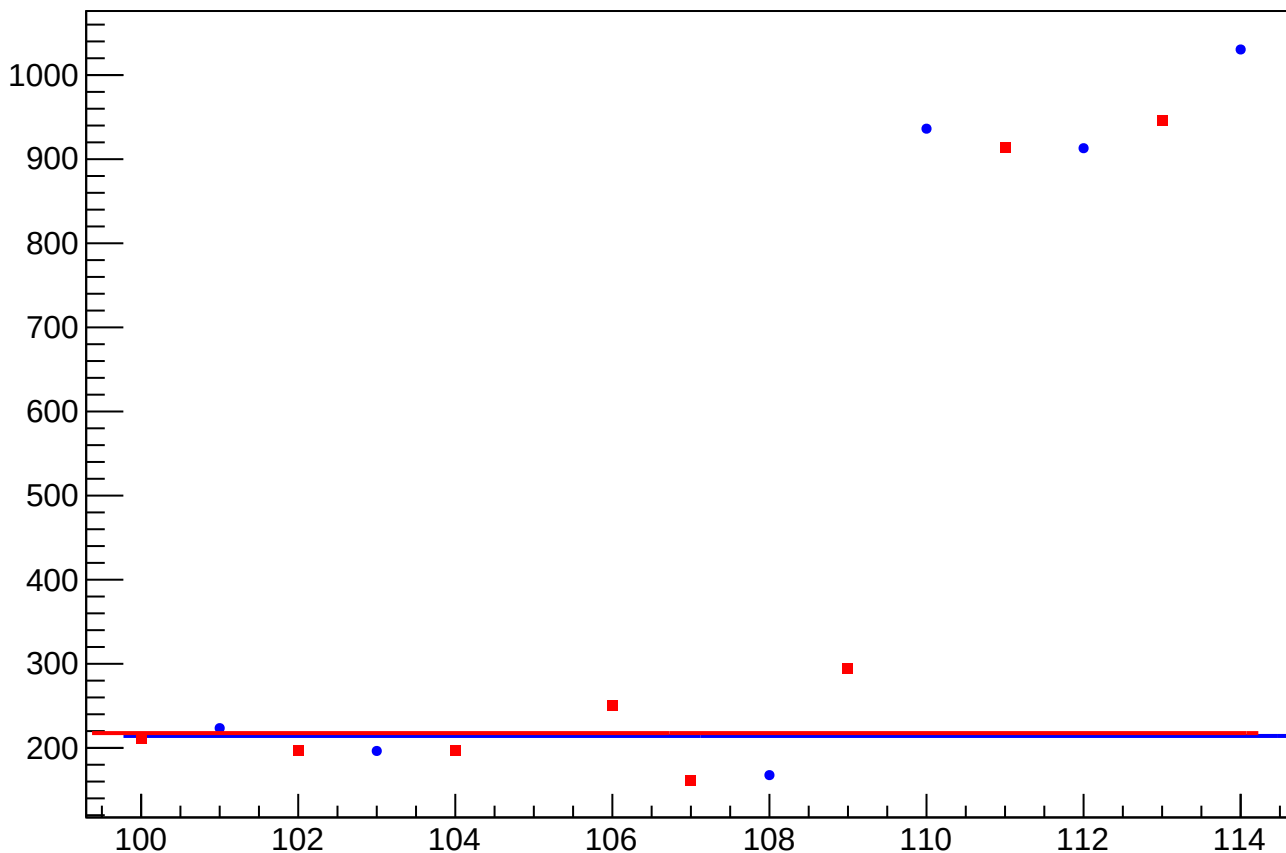
Right: 0.005+/-0.103 χ^2/NDF : 22.3/13

In: 0.056+/-0.151 χ^2/NDF : 5.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.103 χ^2/NDF : 22.3/13

diff_targ_thetaX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

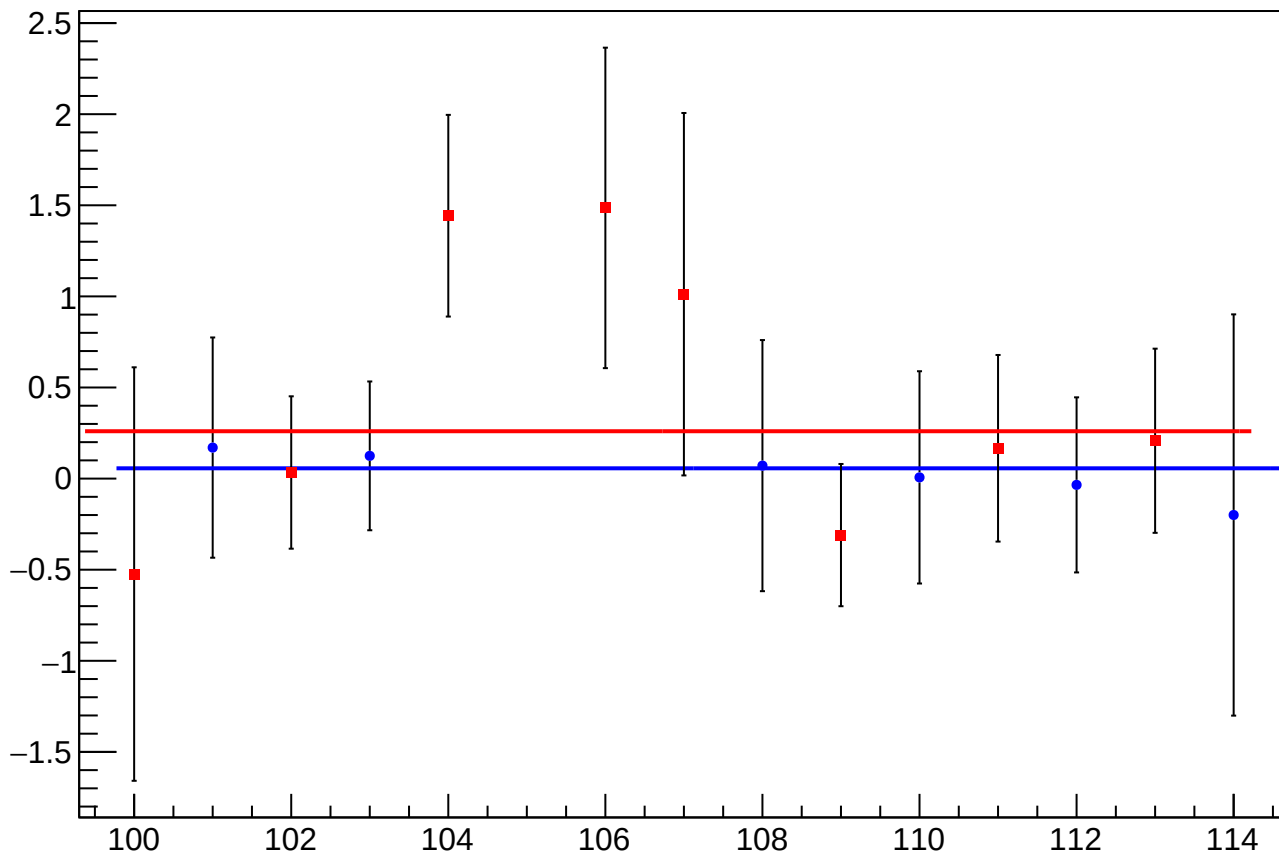
Right: 216.042+/-0.073 χ^2/NDF : 2460835.8/13

In: 214.221+/-0.107 χ^2/NDF : 1247240.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.042+/-0.073 χ^2/NDF : 2460835.8/13

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.230 χ^2/NDF : 0.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.260+/-0.195 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

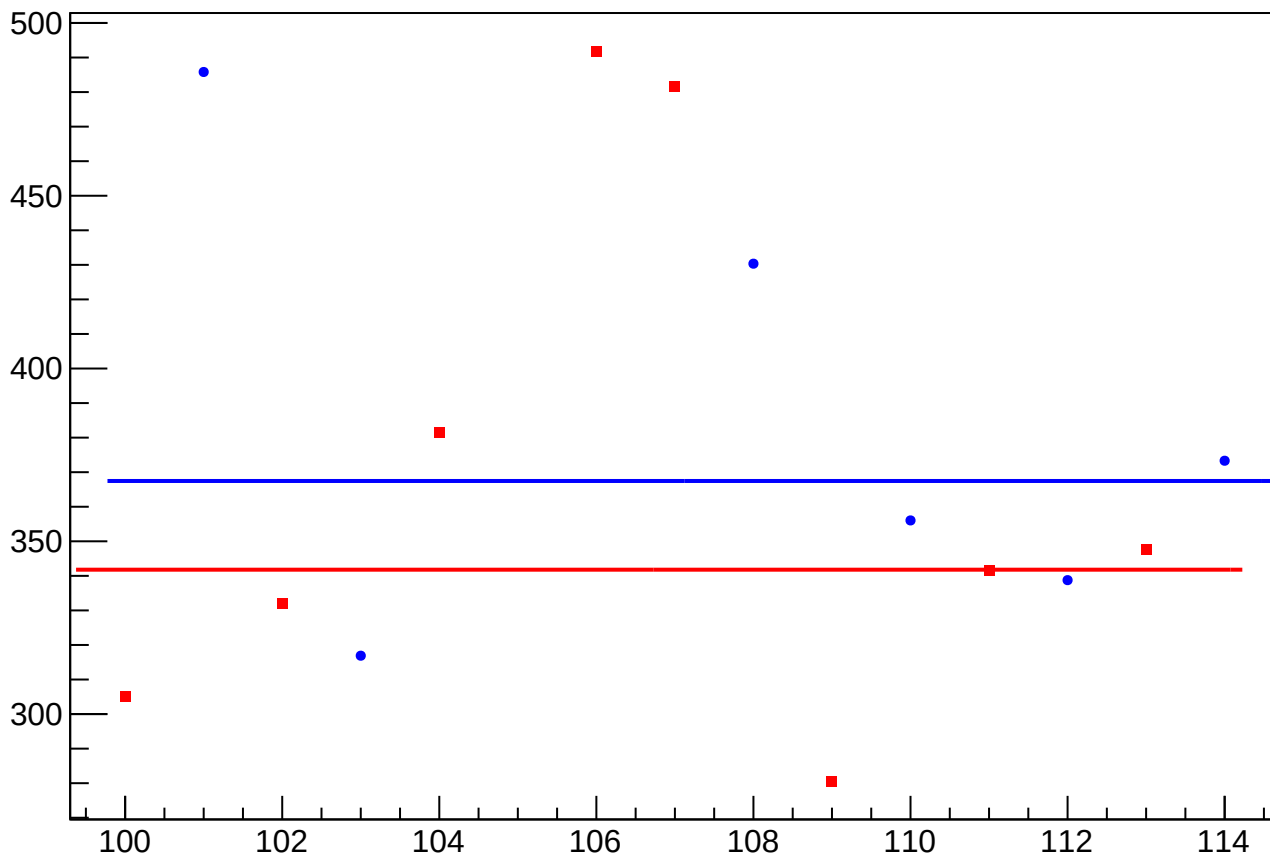
Right: 0.175+/-0.149 χ^2/NDF : 10.6/13

In: 0.056+/-0.230 χ^2/NDF : 0.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.175+/-0.149 χ^2/NDF : 10.6/13

diff_targ_thetaY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

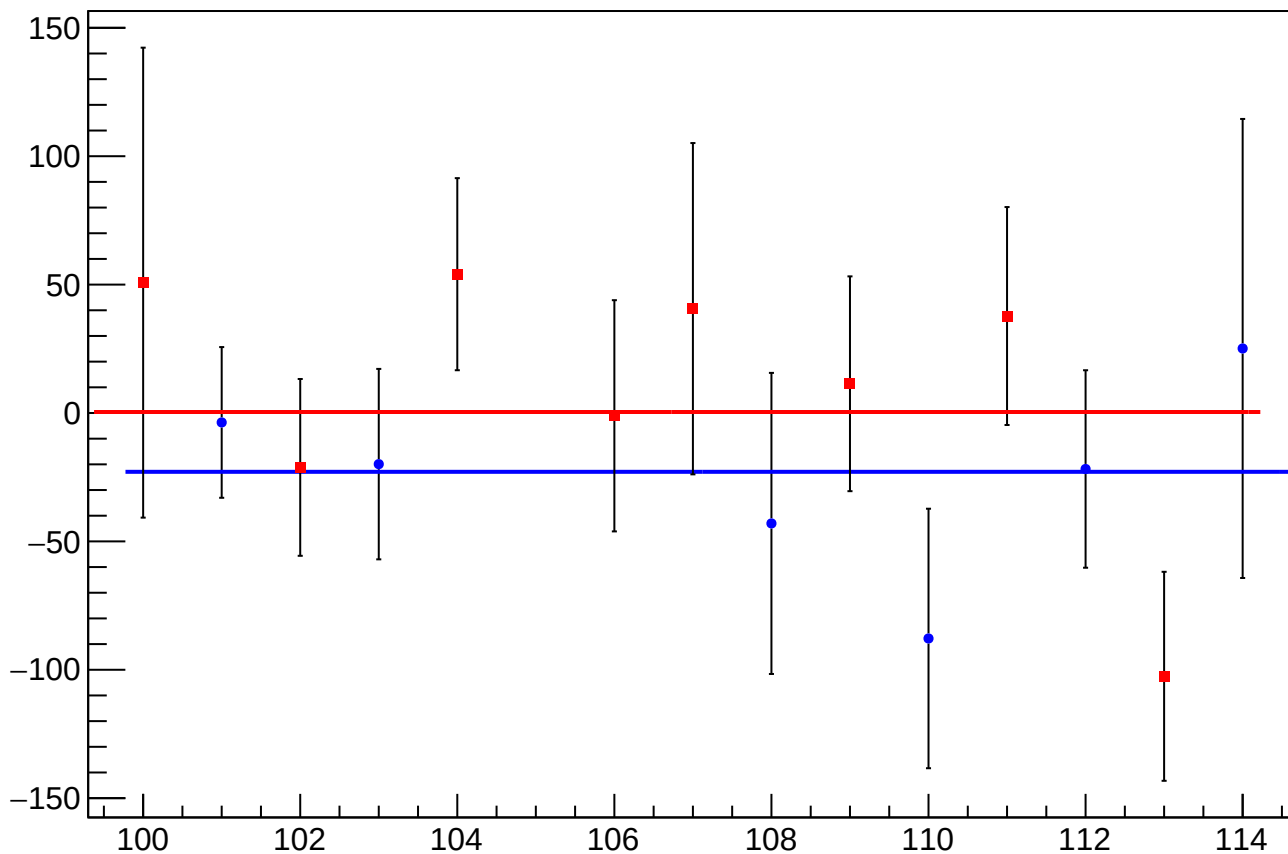
Right: 352.522+/-0.105 χ^2/NDF : 307457.0/13

In: 367.456+/-0.162 χ^2/NDF : 131989.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.522+/-0.105 χ^2/NDF : 307457.0/13

diff_bpmE_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

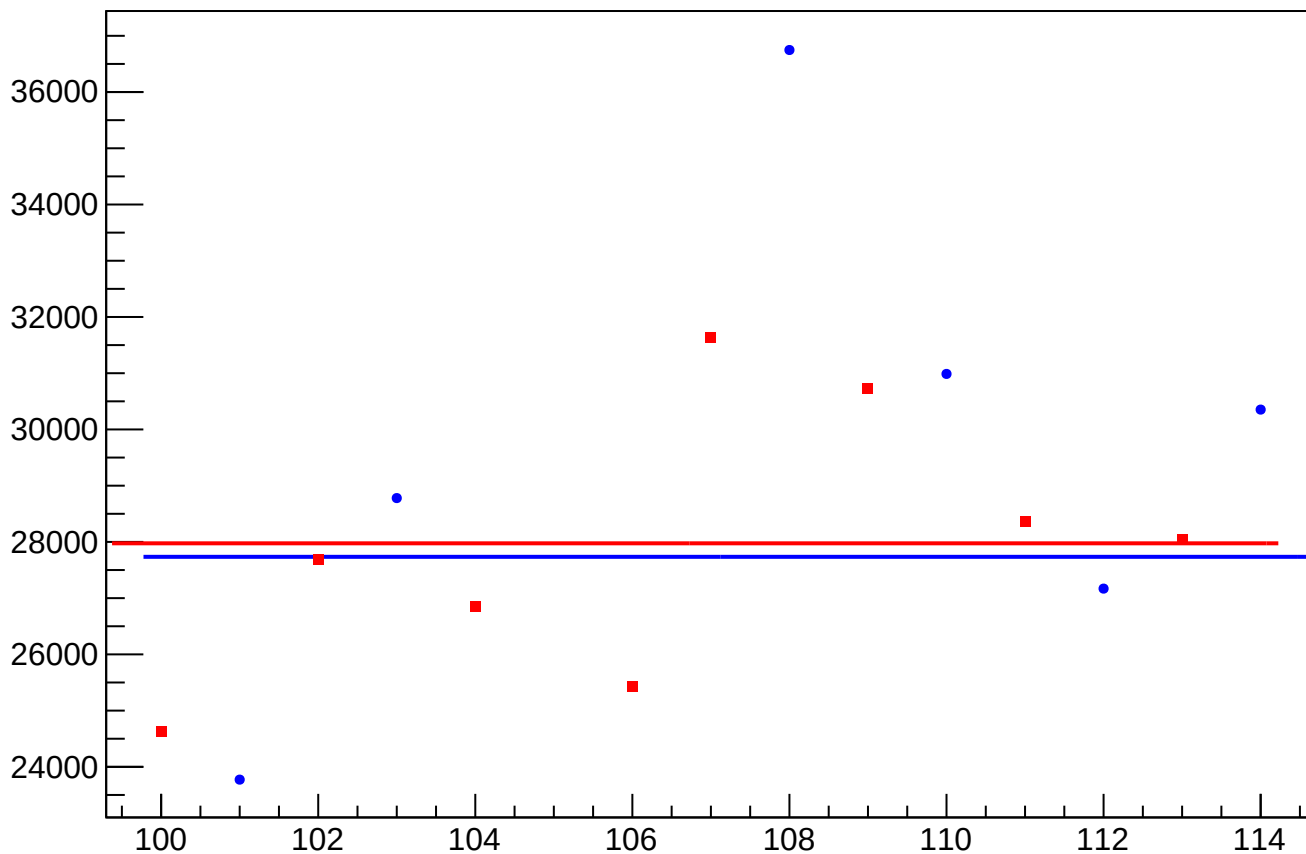
Right: -10.067 $\pm$ 11.536 χ^2 /NDF: 13.9/13

In: -22.907 $\pm$ 17.220 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.067 $\pm$ 11.536 χ^2 /NDF: 13.9/13

diff_bpmE_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

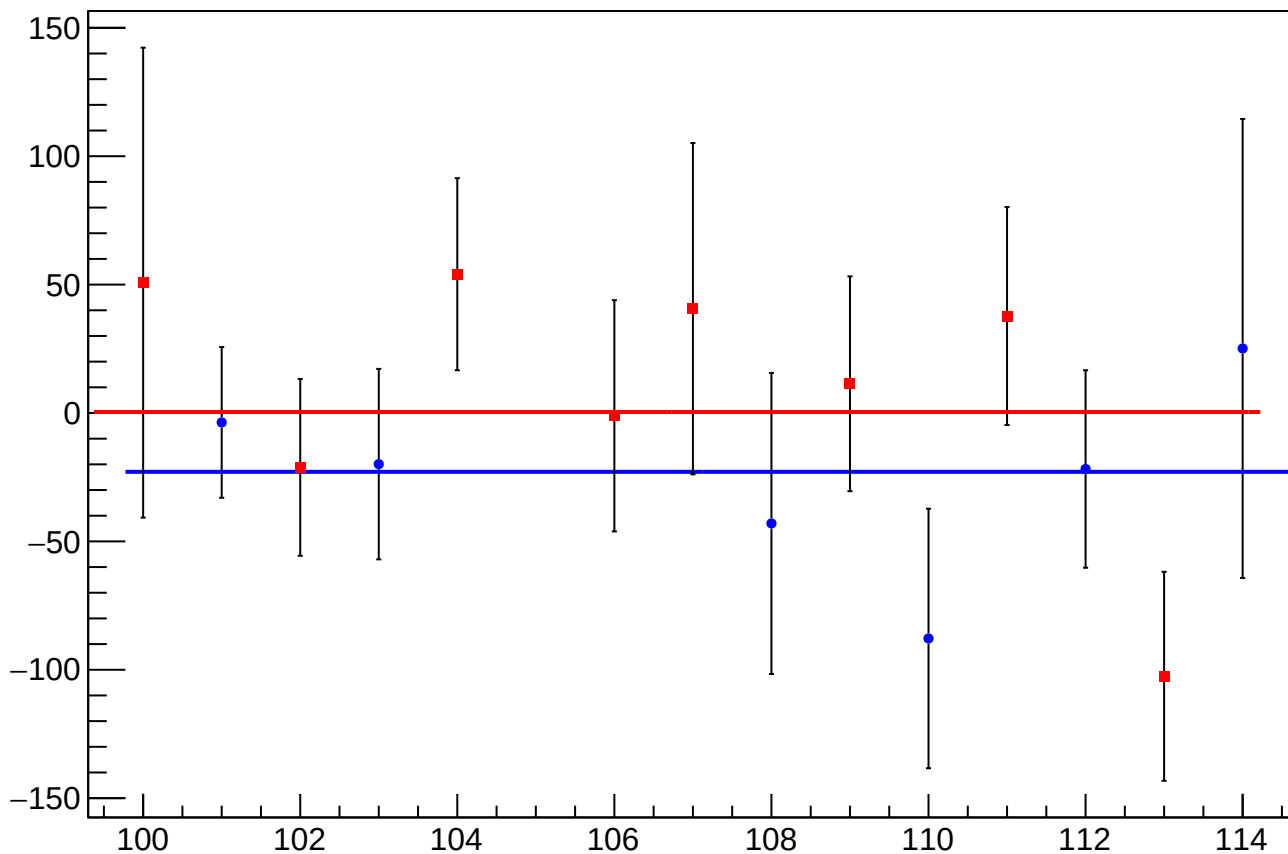
Right: 27867.233+/-8.157 χ^2/NDF : 122264.3/13

In: 27734.820+/-12.176 χ^2/NDF : 95748.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27867.233+/-8.157 χ^2/NDF : 122264.3/13

diff_bpmEX_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

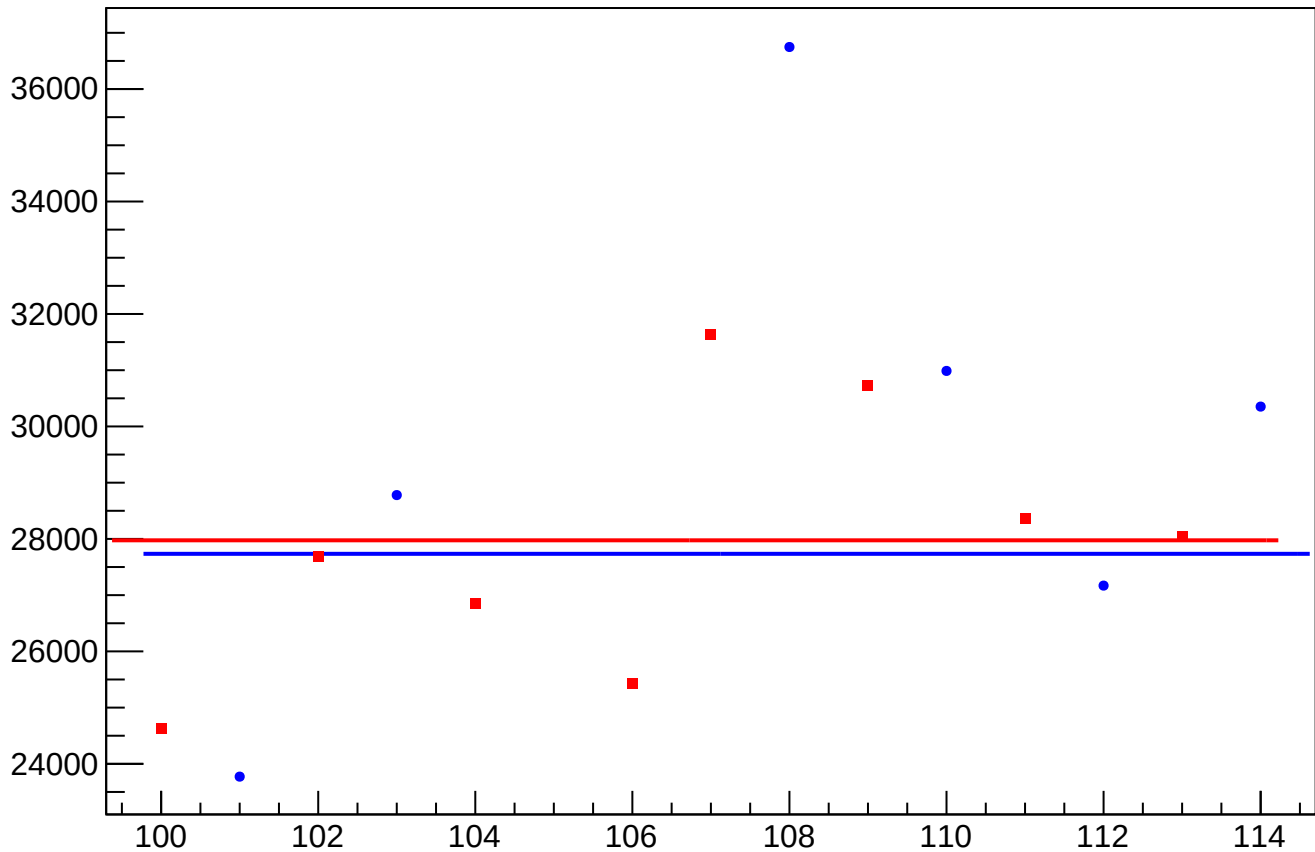
Right: -10.067 $\pm$ 11.536 χ^2 /NDF: 13.9/13

In: -22.907 $\pm$ 17.220 χ^2 /NDF:2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.067 $\pm$ 11.536 χ^2 /NDF: 13.9/13

diff_bpmEX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

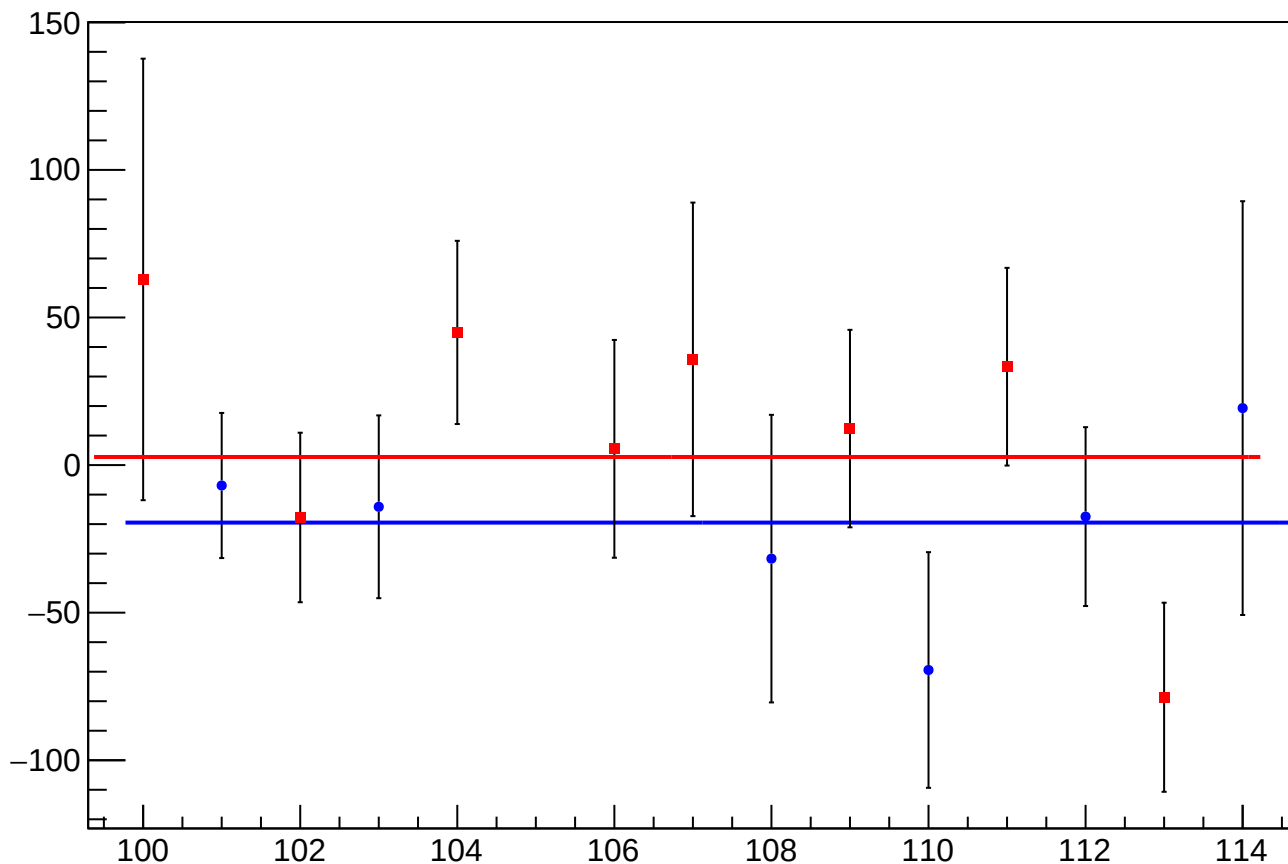
Right: 27867.233+/-8.157 χ^2/NDF : 122264.3/13

In: 27734.820+/-12.176 χ^2/NDF : 95748.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27867.233+/-8.157 χ^2/NDF : 122264.3/13

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -19.483 ± 14.087 χ^2/NDF : 2.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.744 ± 12.620 χ^2/NDF : 10.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

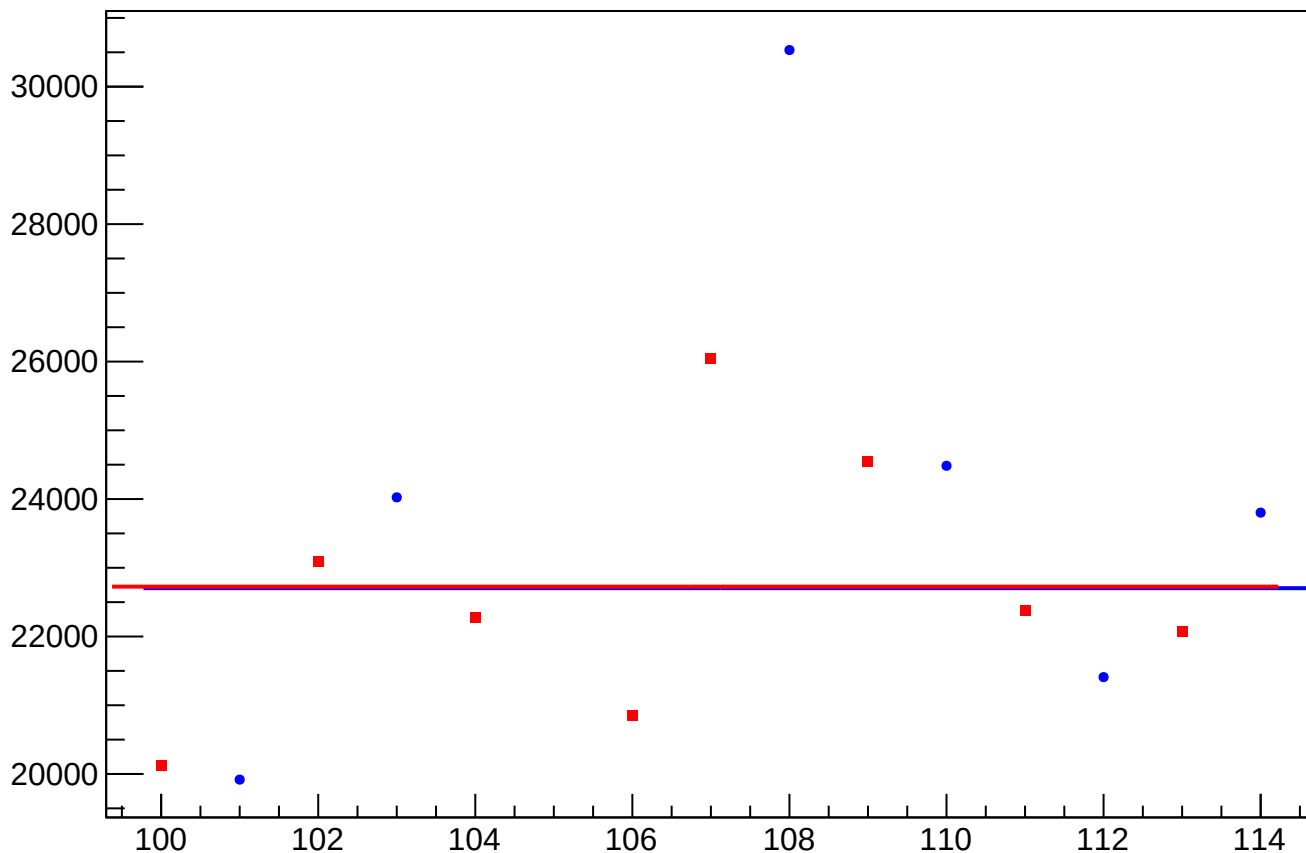
Right: -7.152 ± 9.400 χ^2/NDF : 14.4/13

In: -19.483 ± 14.087 χ^2/NDF : 2.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.152 ± 9.400 χ^2/NDF : 14.4/13

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

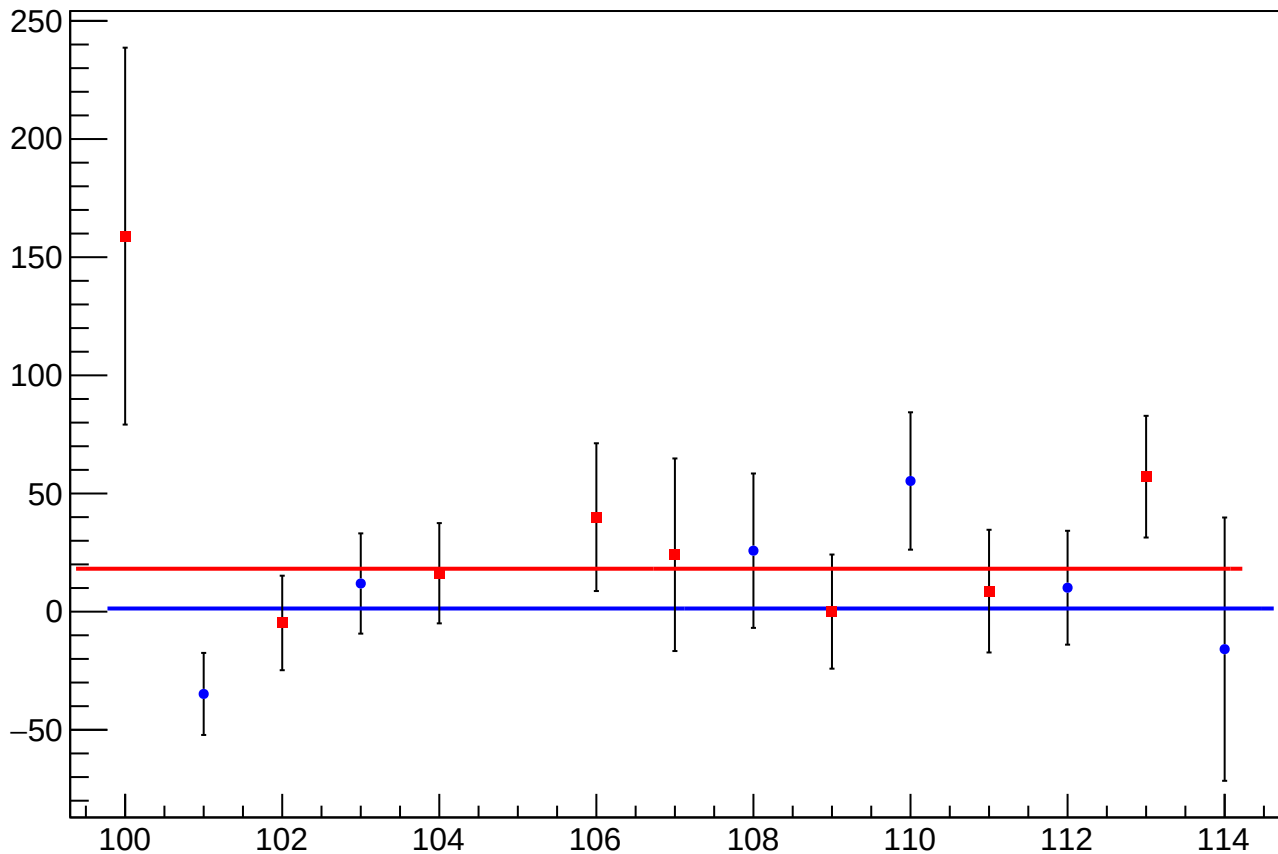
Right: 22715.705+/-6.647 χ^2/NDF : 112197.6/13

In: 22703.366+/-9.961 χ^2/NDF : 89083.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22715.705+/-6.647 χ^2/NDF : 112197.6/13

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 1.334 $\pm$ 10.151 χ^2/NDF : 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 18.167 $\pm$ 9.444 χ^2/NDF : 7.9/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

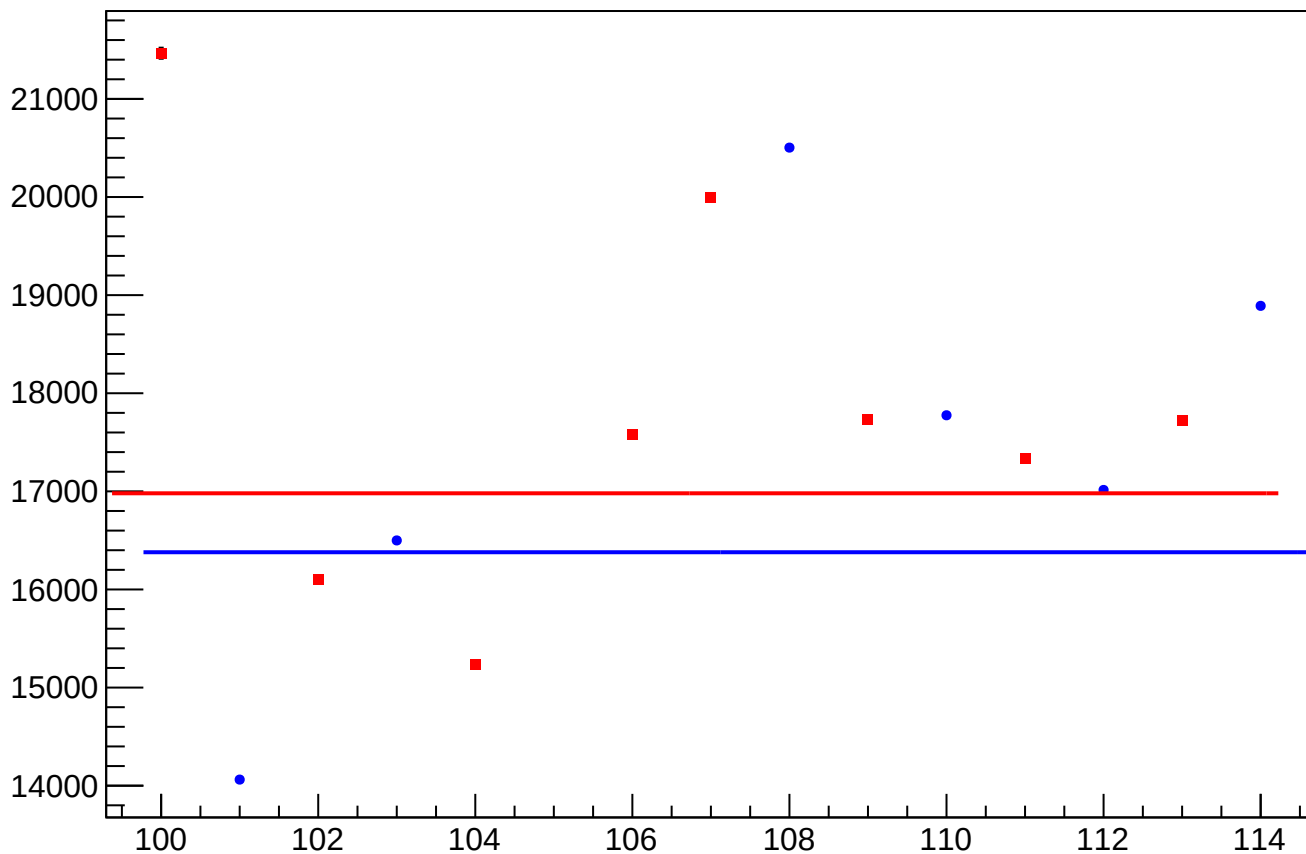
Right: 10.356 $\pm$ 6.914 χ^2/NDF : 18.2/13

In: 1.334 $\pm$ 10.151 χ^2/NDF : 8.8/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 10.356 $\pm$ 6.914 χ^2/NDF : 18.2/13

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16379.436 ± 7.178 $\chi^2/\text{NDF}: 77636.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16980.191 ± 6.678 $\chi^2/\text{NDF}: 39301.1/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

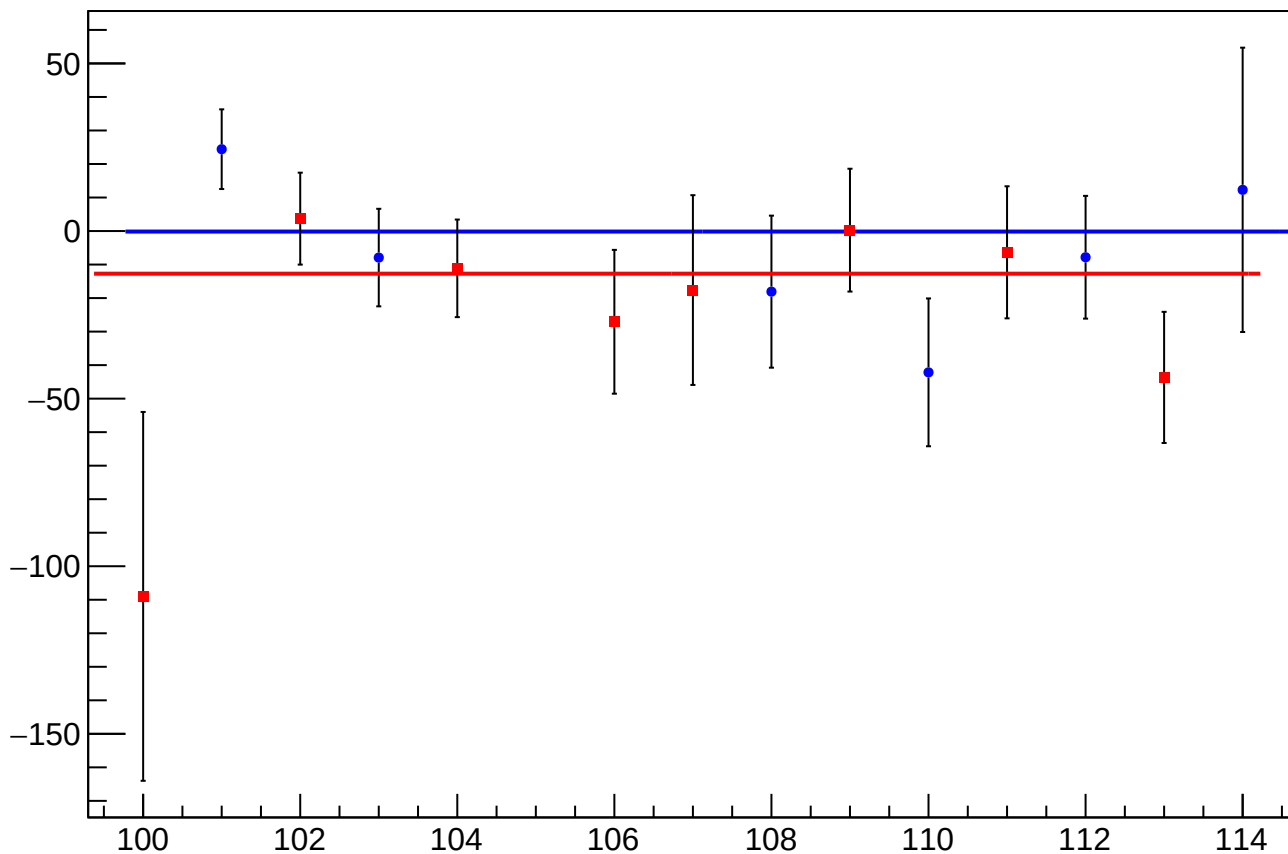
Right: 16701.439 ± 4.889 $\chi^2/\text{NDF}: 120692.1/13$

In: 16379.436 ± 7.178 $\chi^2/\text{NDF}: 77636.1/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 16701.439 ± 4.889 $\chi^2/\text{NDF}: 120692.1/13$

diff_bpm4aediX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

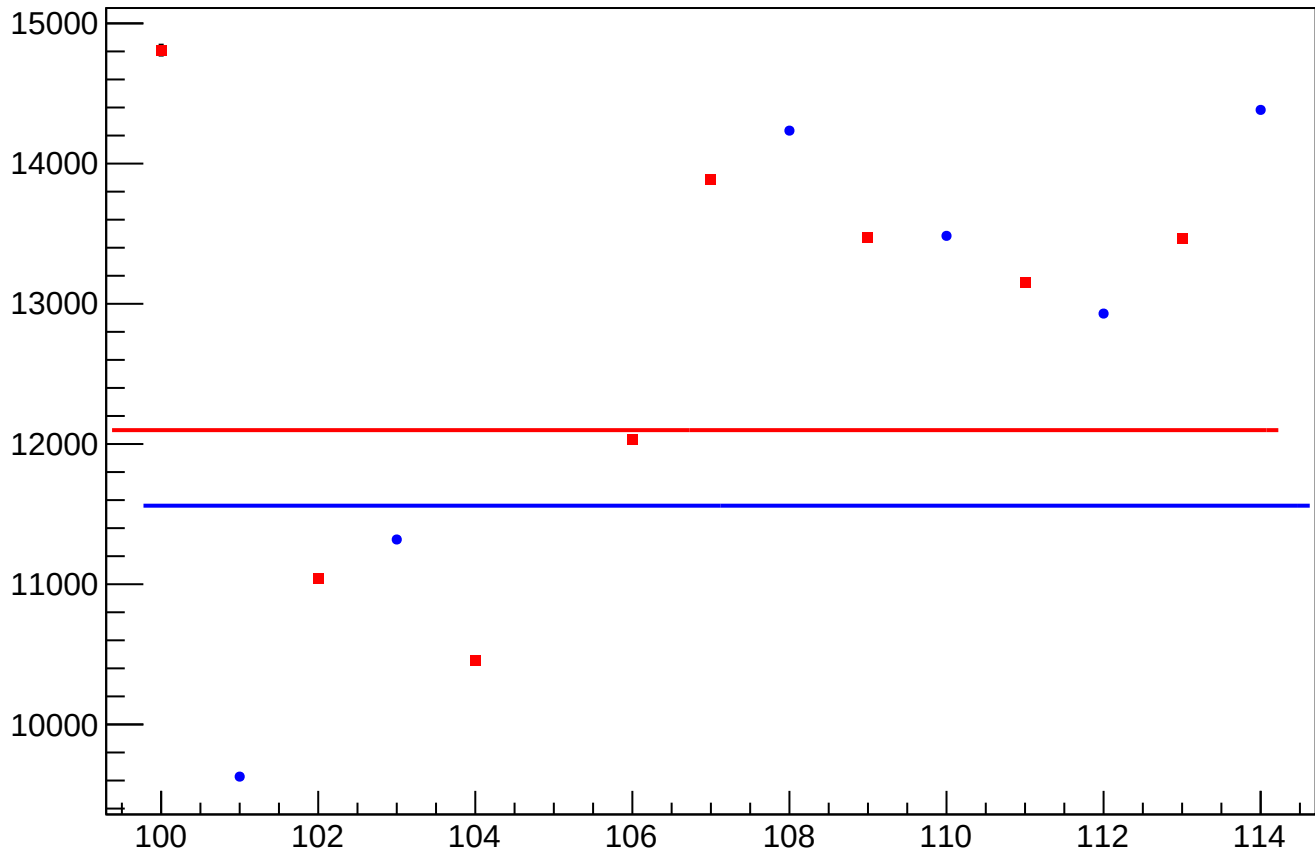
Right: -6.834+/-4.921 χ^2/NDF : 18.8/13

In: -0.151+/-7.191 χ^2/NDF :9.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.834+/-4.921 χ^2/NDF : 18.8/13

diff_bpm4aediX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

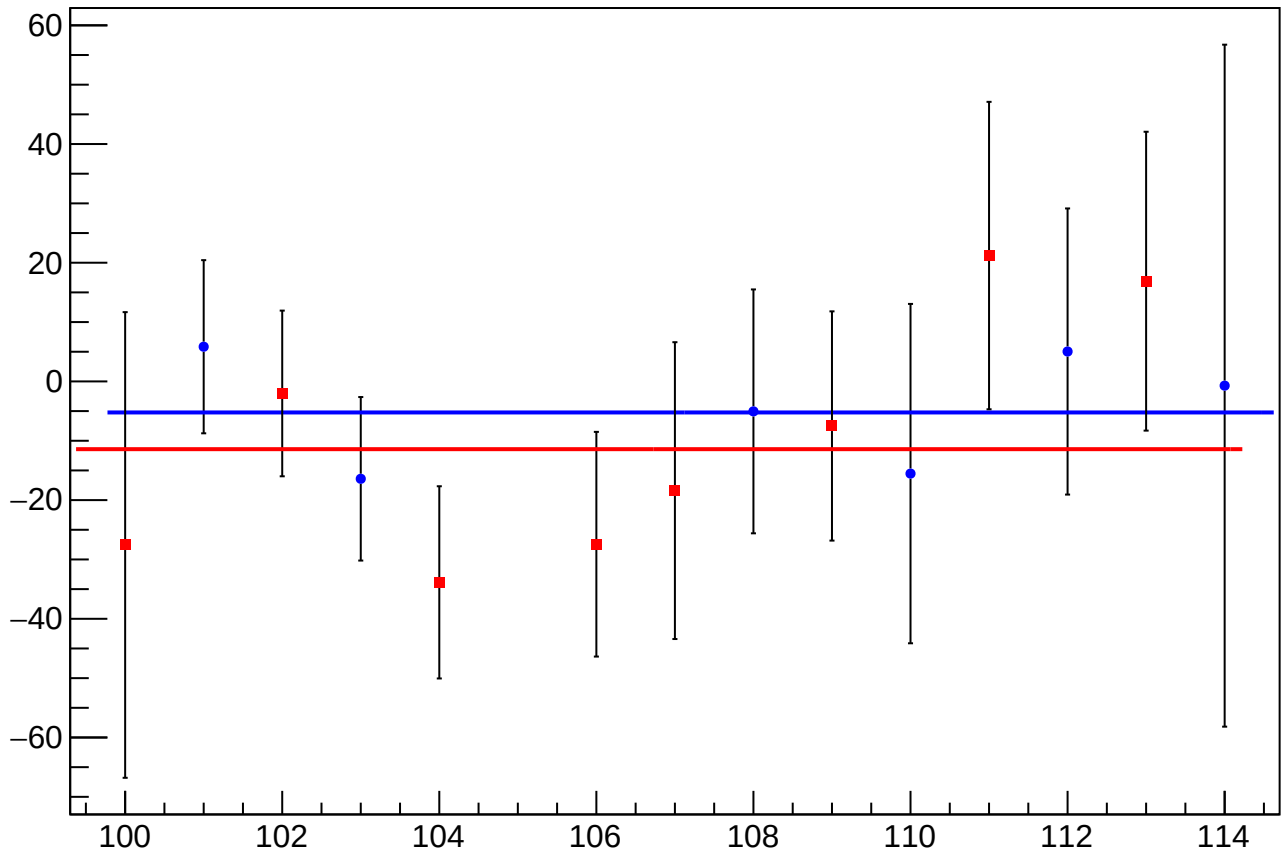
Right: 11846.663+/-3.480 χ^2/NDF : 199500.2/13

In: 11560.180+/-5.085 χ^2/NDF : 116505.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11846.663+/-3.480 χ^2/NDF : 199500.2/13

diff_bpm4aesumY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

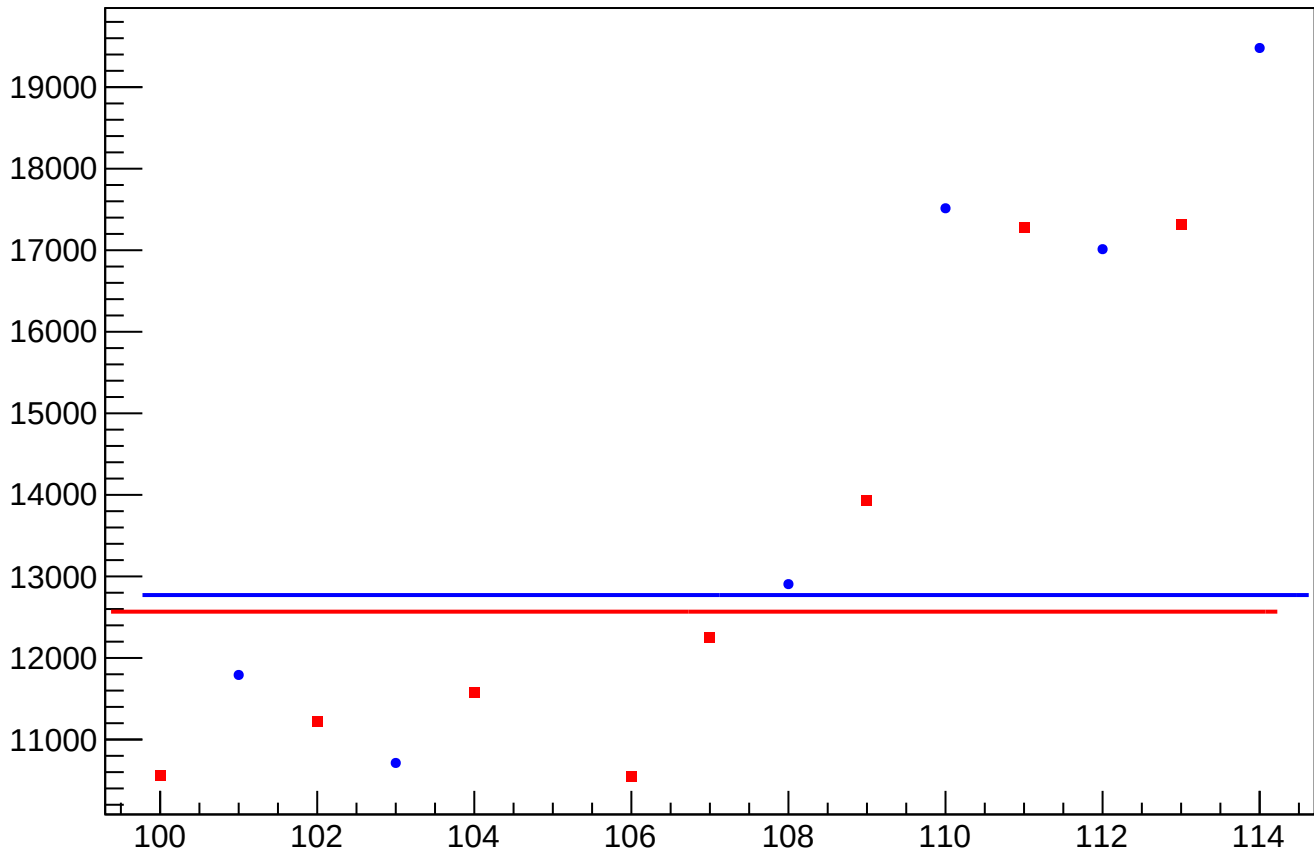
Right: -8.687+/-5.321 χ^2/NDF : 8.1/13

In: -5.230+/-8.011 χ^2/NDF : 1.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.687+/-5.321 χ^2/NDF : 8.1/13

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12771.533+/-5.665 χ^2/NDF : 197974.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12567.806+/-5.034 χ^2/NDF : 201742.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

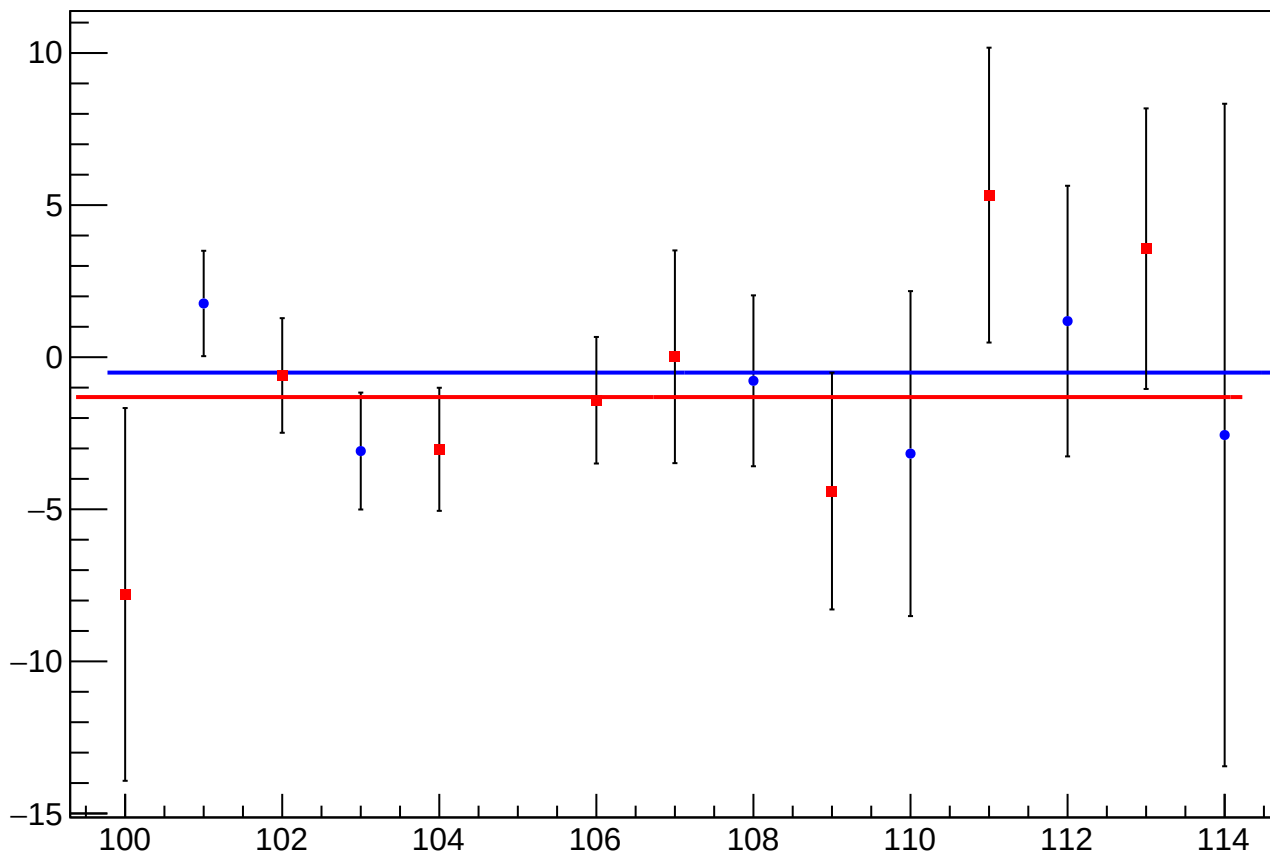
Right: 12657.695+/-3.763 χ^2/NDF : 400439.4/13

In: 12771.533+/-5.665 χ^2/NDF : 197974.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12657.695+/-3.763 χ^2/NDF : 400439.4/13

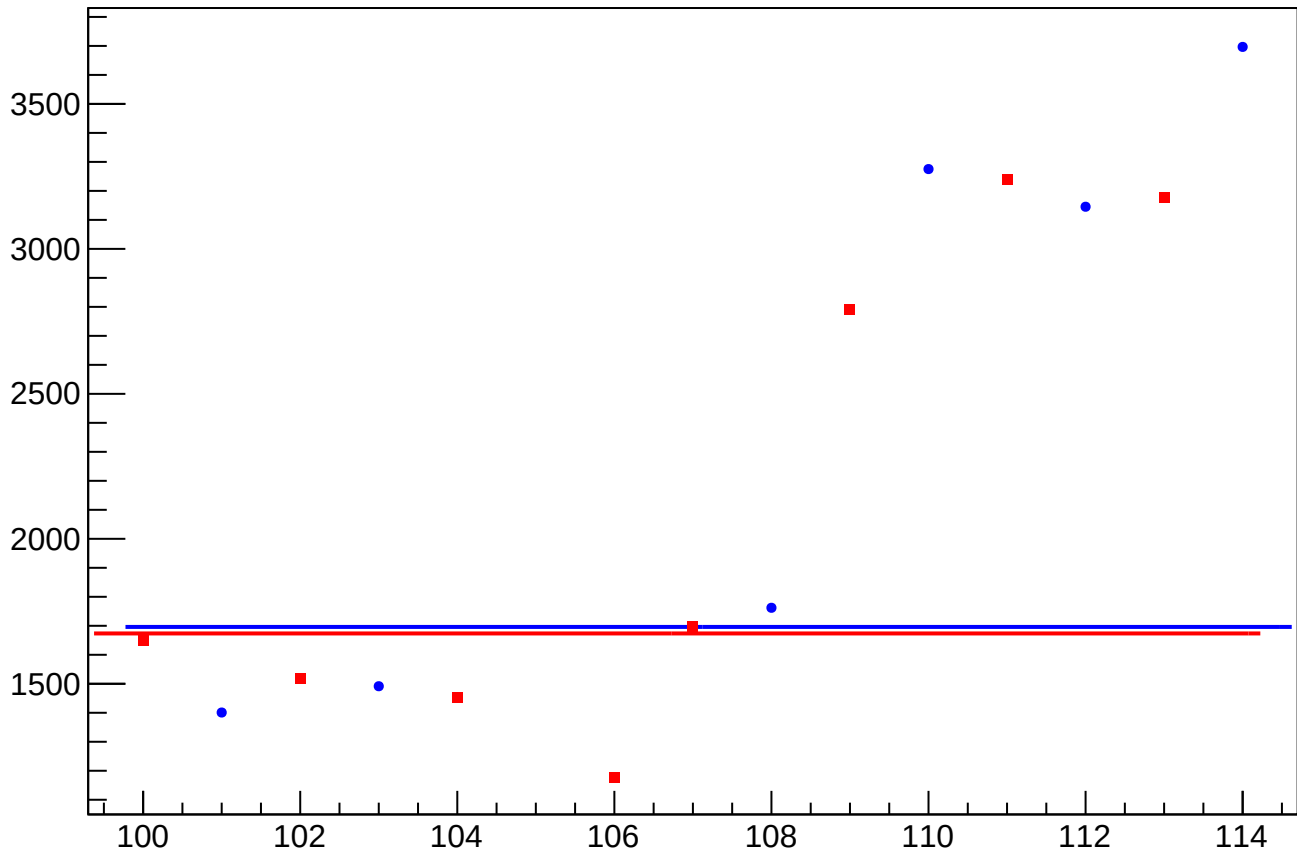
diff_bpm4aeddifY_mean vs Slug, Sign Corrected



Right In: -0.506 $\pm$ 1.101 χ^2 /NDF: 4.0/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.311 $\pm$ 0.990 χ^2 /NDF: 5.8/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.951 $\pm$ 0.736 χ^2 /NDF: 10.0/13
 In: -0.506 $\pm$ 1.101 χ^2 /NDF:4.0/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.951 $\pm$ 0.736 χ^2 /NDF: 10.0/13

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1696.096+/-0.779 χ^2/NDF : 536404.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1673.600+/-0.700 χ^2/NDF : 737569.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

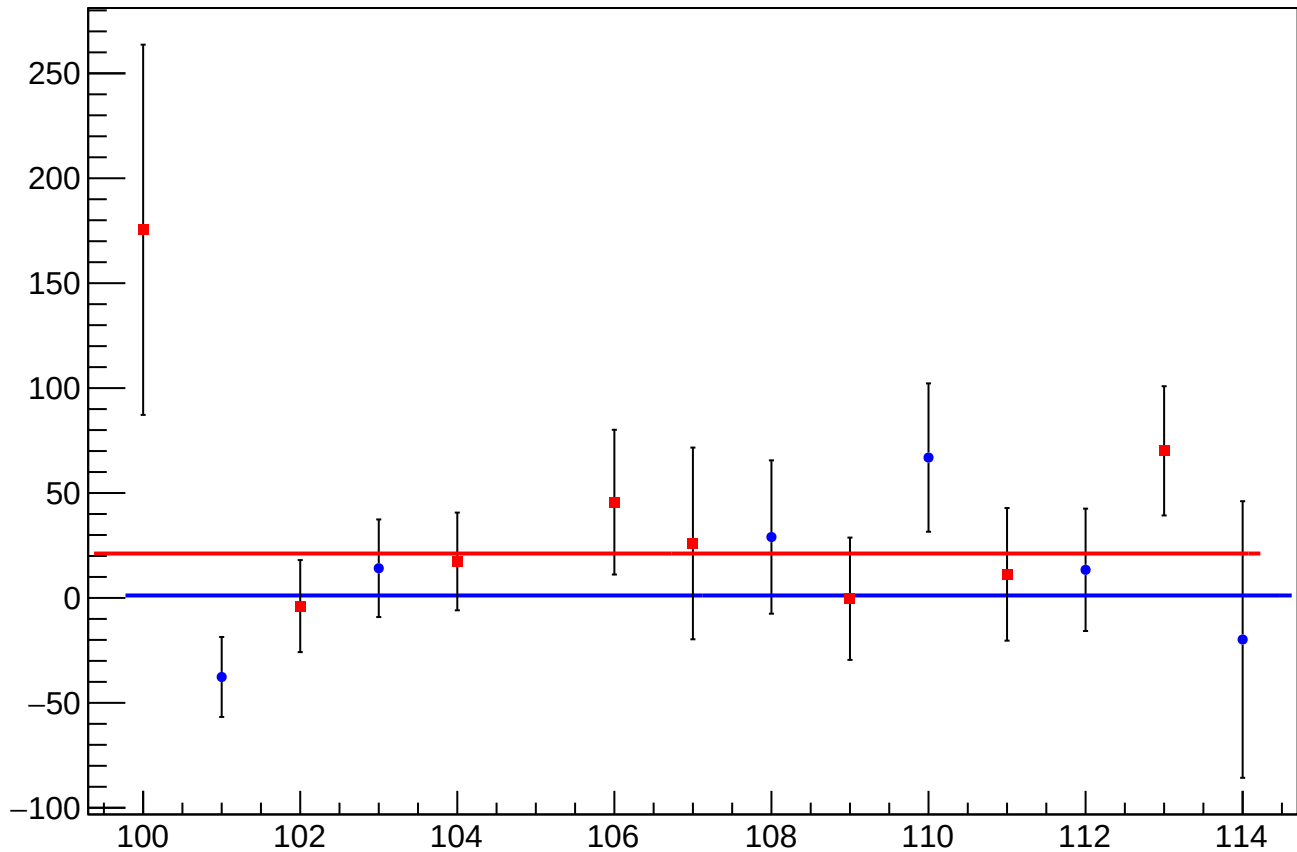
Right: 1683.652+/-0.520 χ^2/NDF : 1274435.7/13

In: 1696.096+/-0.779 χ^2/NDF : 536404.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.652+/-0.520 χ^2/NDF : 1274435.7/13

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

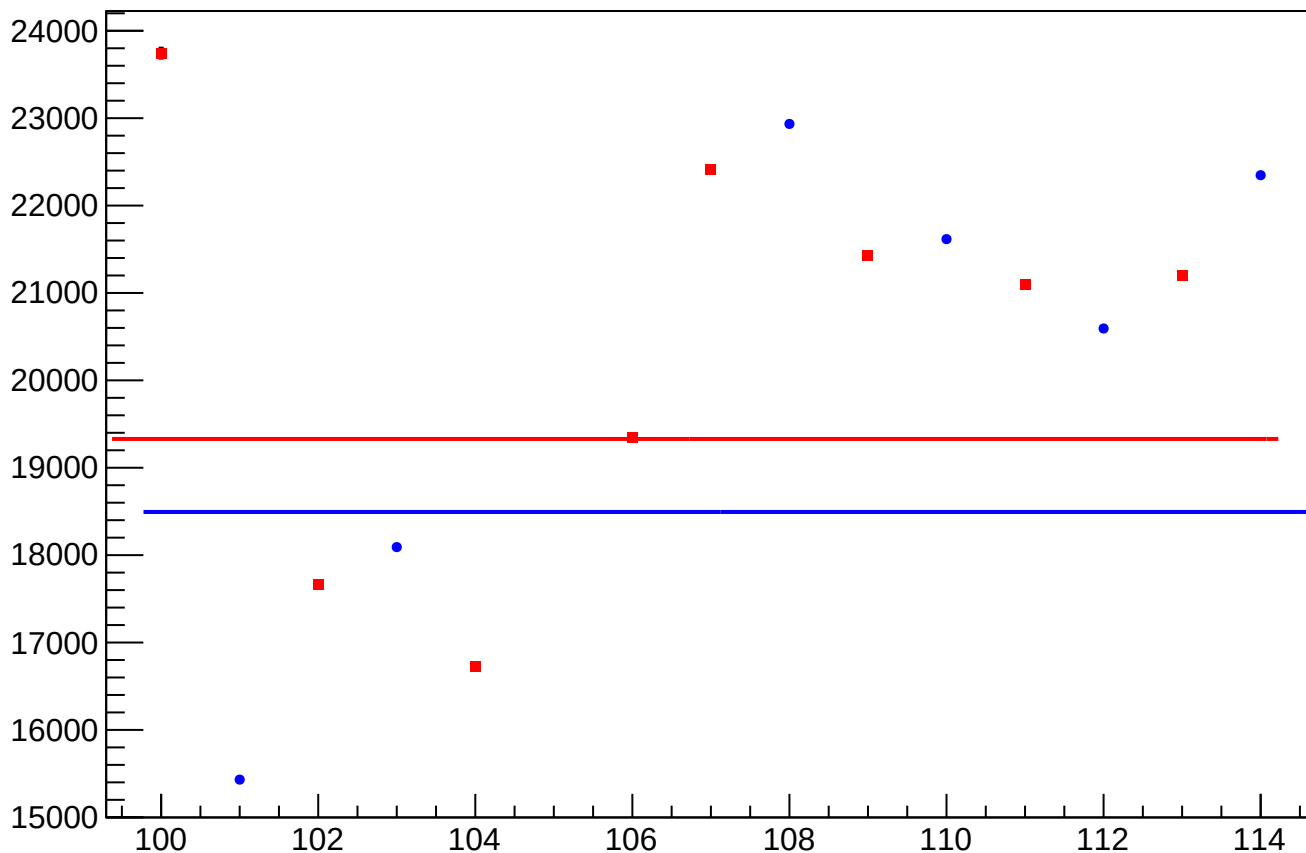
Right: 11.817+/-7.865 χ^2/NDF : 18.5/13

In: 1.178+/-11.502 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.817+/-7.865 χ^2/NDF : 18.5/13

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 18494.024+/-8.133 χ^2/NDF : 114620.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19329.632+/-7.623 χ^2/NDF : 74770.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

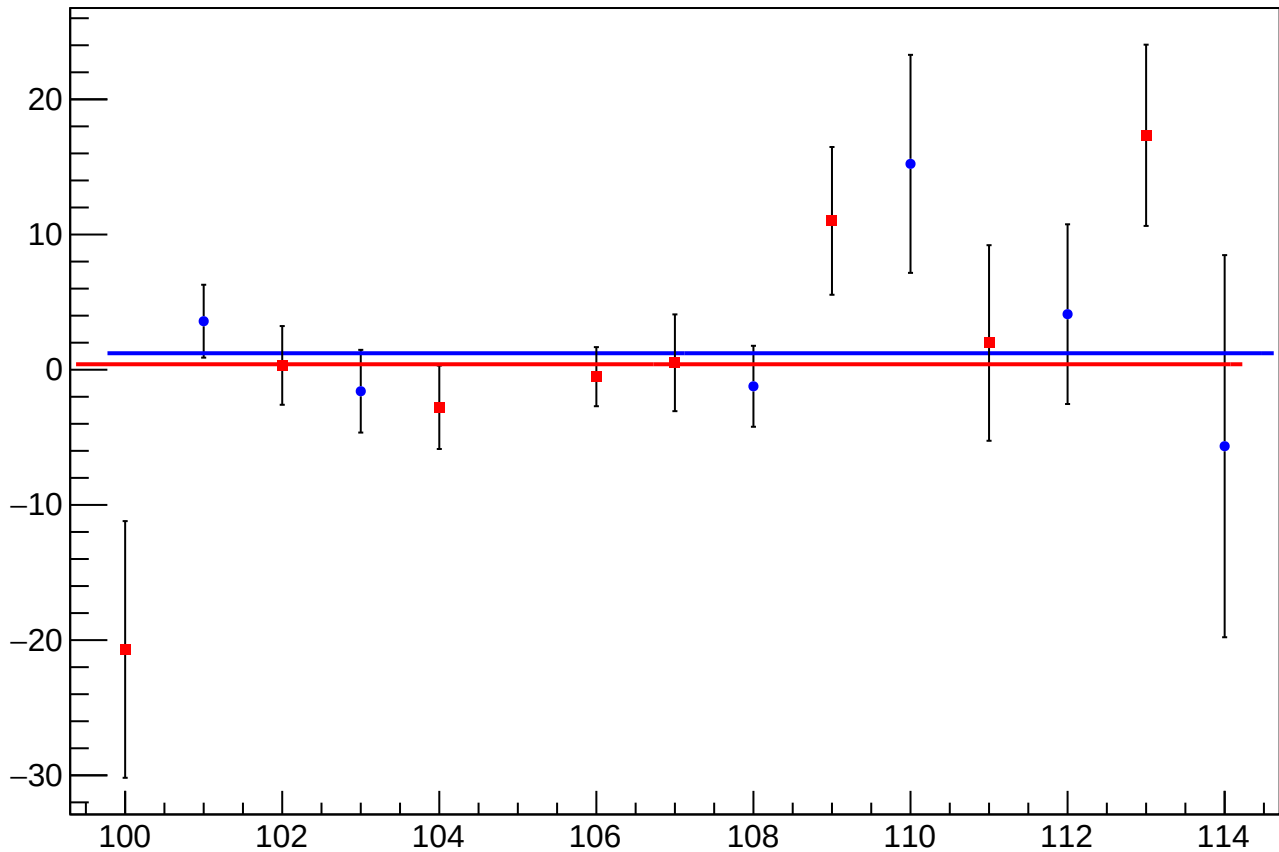
Right: 18938.856+/-5.562 χ^2/NDF : 195010.0/13

In: 18494.024+/-8.133 χ^2/NDF : 114620.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18938.856+/-5.562 χ^2/NDF : 195010.0/13

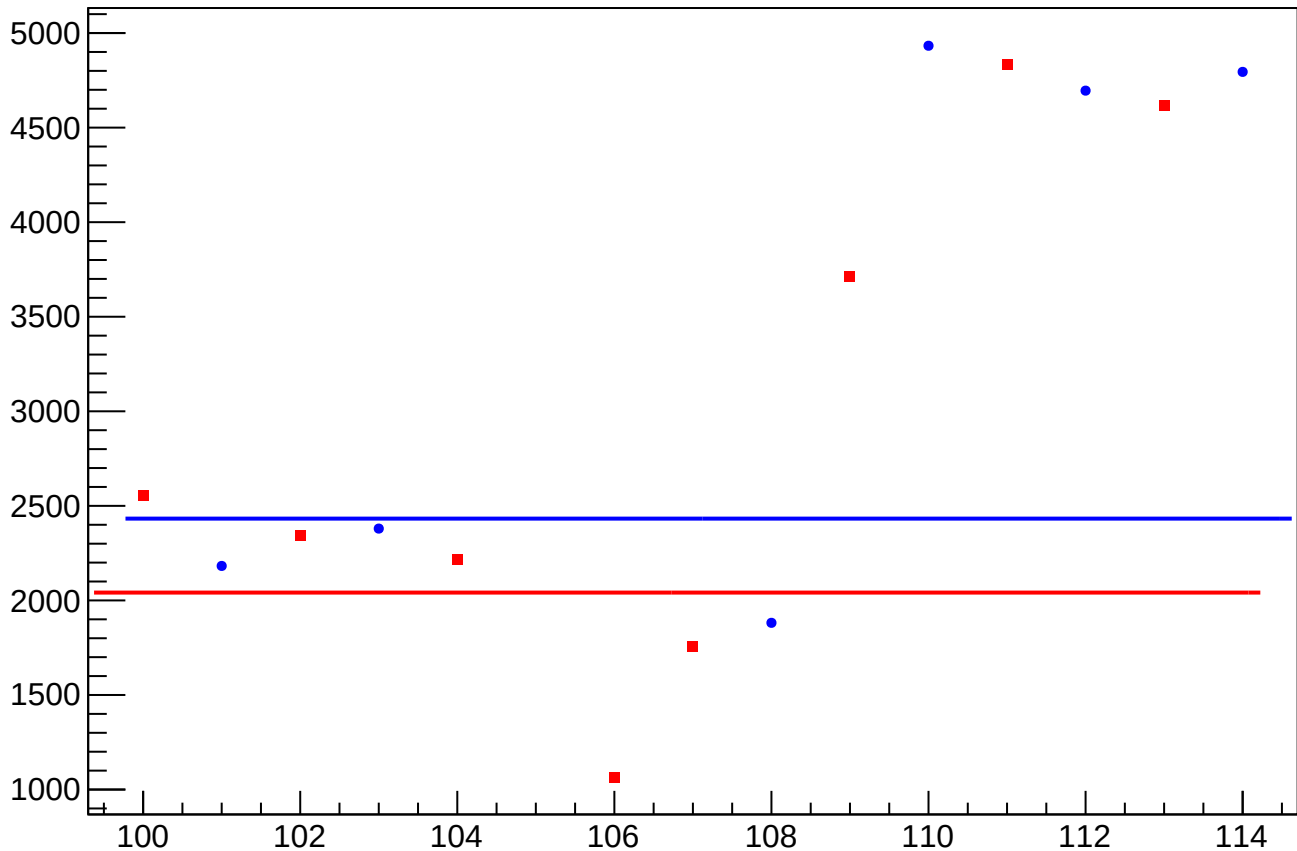
diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.220+/-1.583 χ^2/NDF : 5.7/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.405+/-1.295 χ^2/NDF : 16.4/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.731+/-1.002 χ^2/NDF : 22.3/13
 In: 1.220+/-1.583 χ^2/NDF : 5.7/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.731+/-1.002 χ^2/NDF : 22.3/13

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2432.574+/-1.119 χ^2/NDF : 565561.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2041.472+/-0.916 χ^2/NDF : 1228157.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

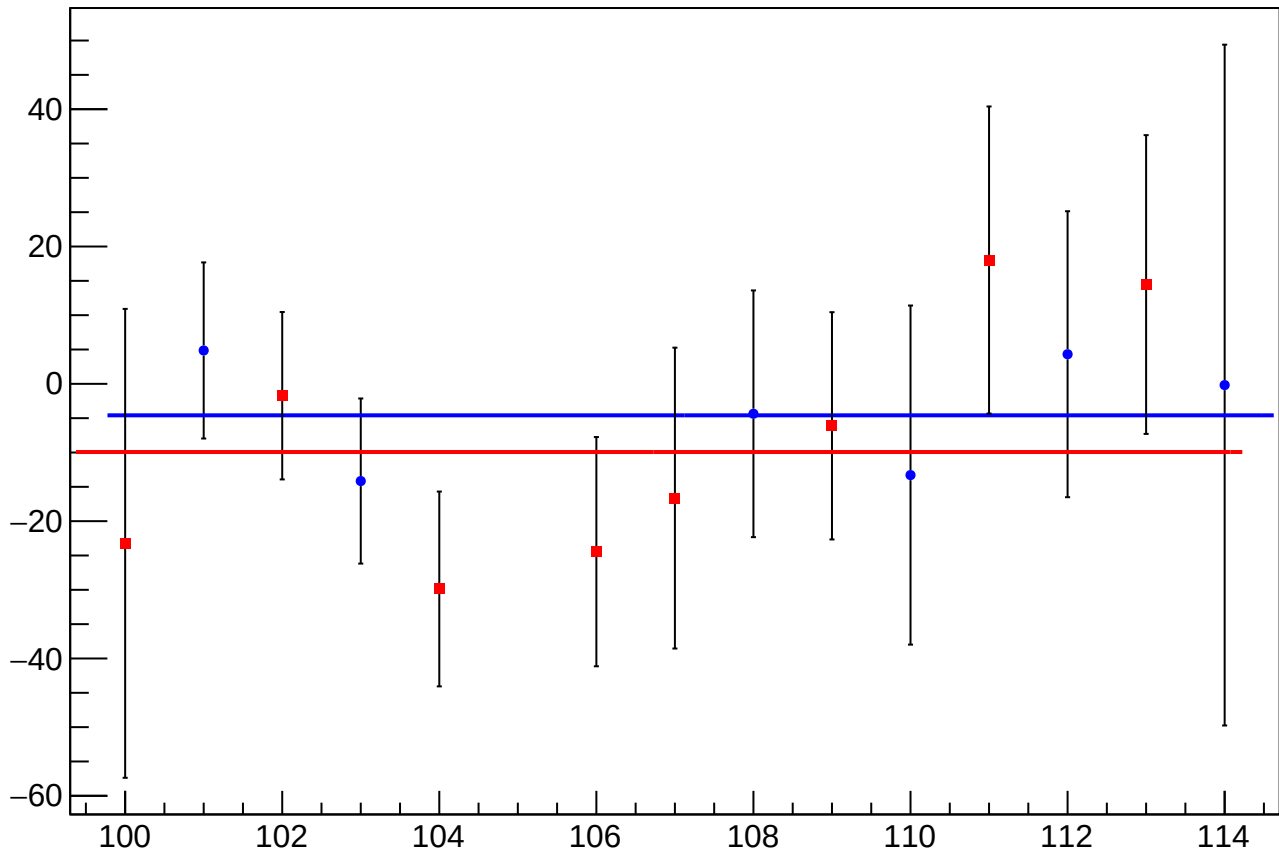
Right: 2198.244+/-0.709 χ^2/NDF : 1866851.1/13

In: 2432.574+/-1.119 χ^2/NDF : 565561.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2198.244+/-0.709 χ^2/NDF : 1866851.1/13

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

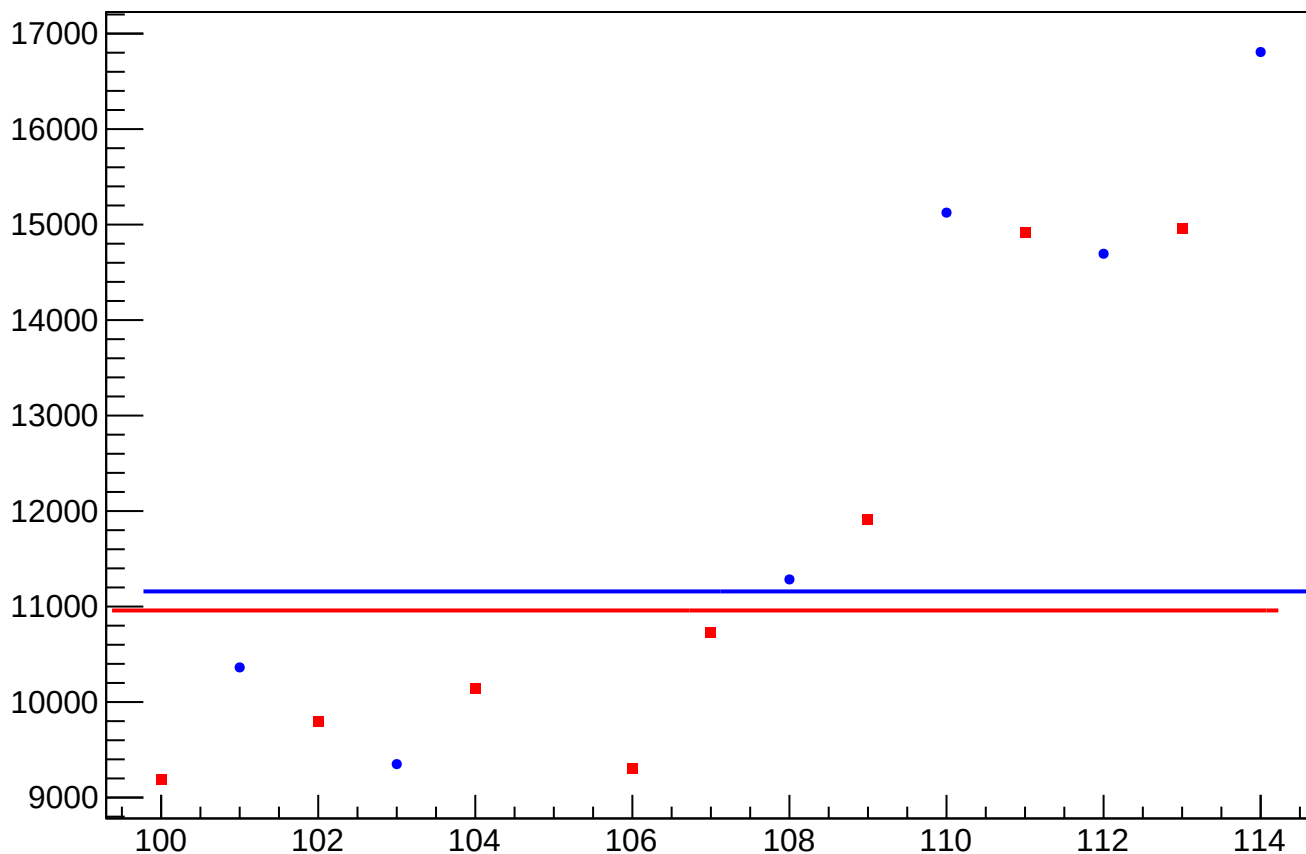
Right: -7.576+/-4.640 χ^2/NDF : 8.1/13

In: -4.586+/-6.993 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.576+/-4.640 χ^2/NDF : 8.1/13

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11158.473+/-4.945 χ^2/NDF : 188275.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10959.130+/-4.386 χ^2/NDF : 187306.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

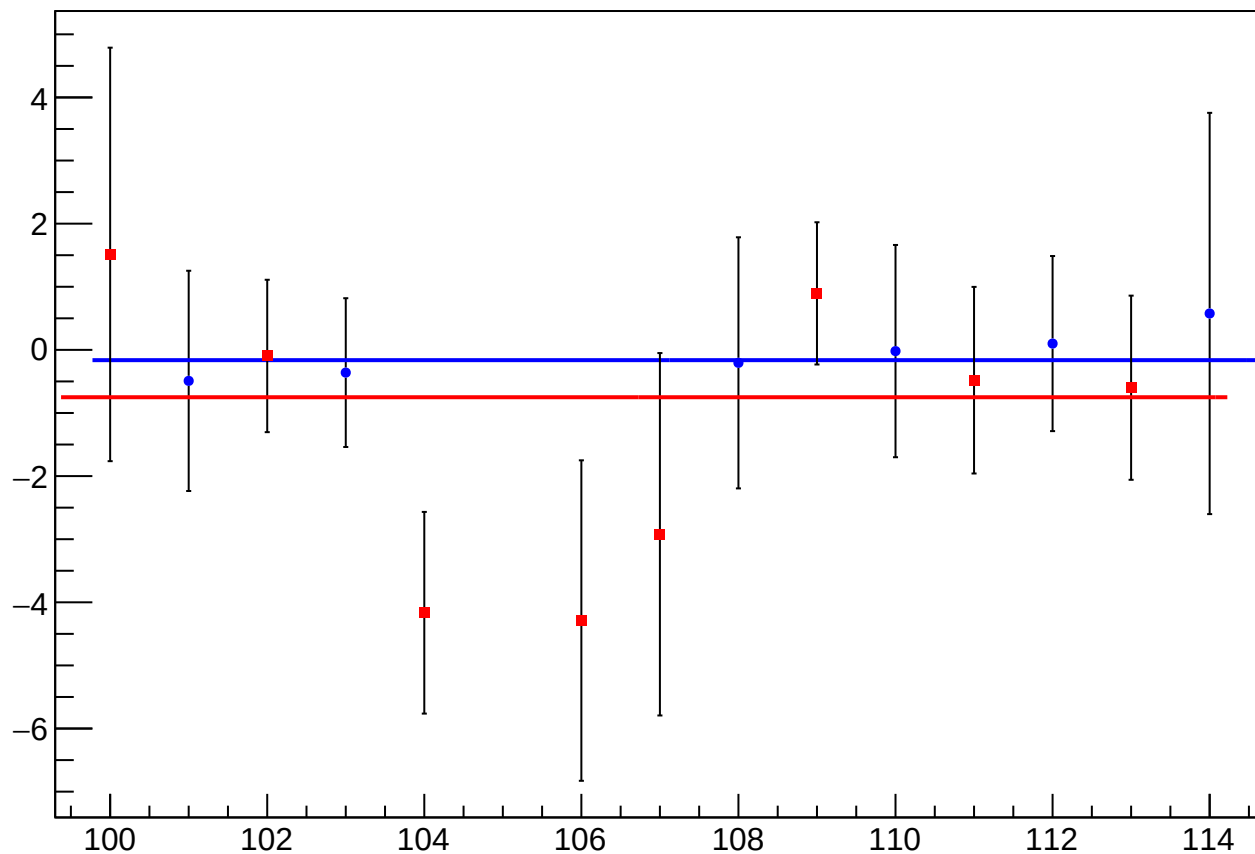
Right: 11046.909+/-3.281 χ^2/NDF : 376491.3/13

In: 11158.473+/-4.945 χ^2/NDF : 188275.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11046.909+/-3.281 χ^2/NDF : 376491.3/13

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.163+/-0.663 χ^2/NDF : 0.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.750+/-0.562 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

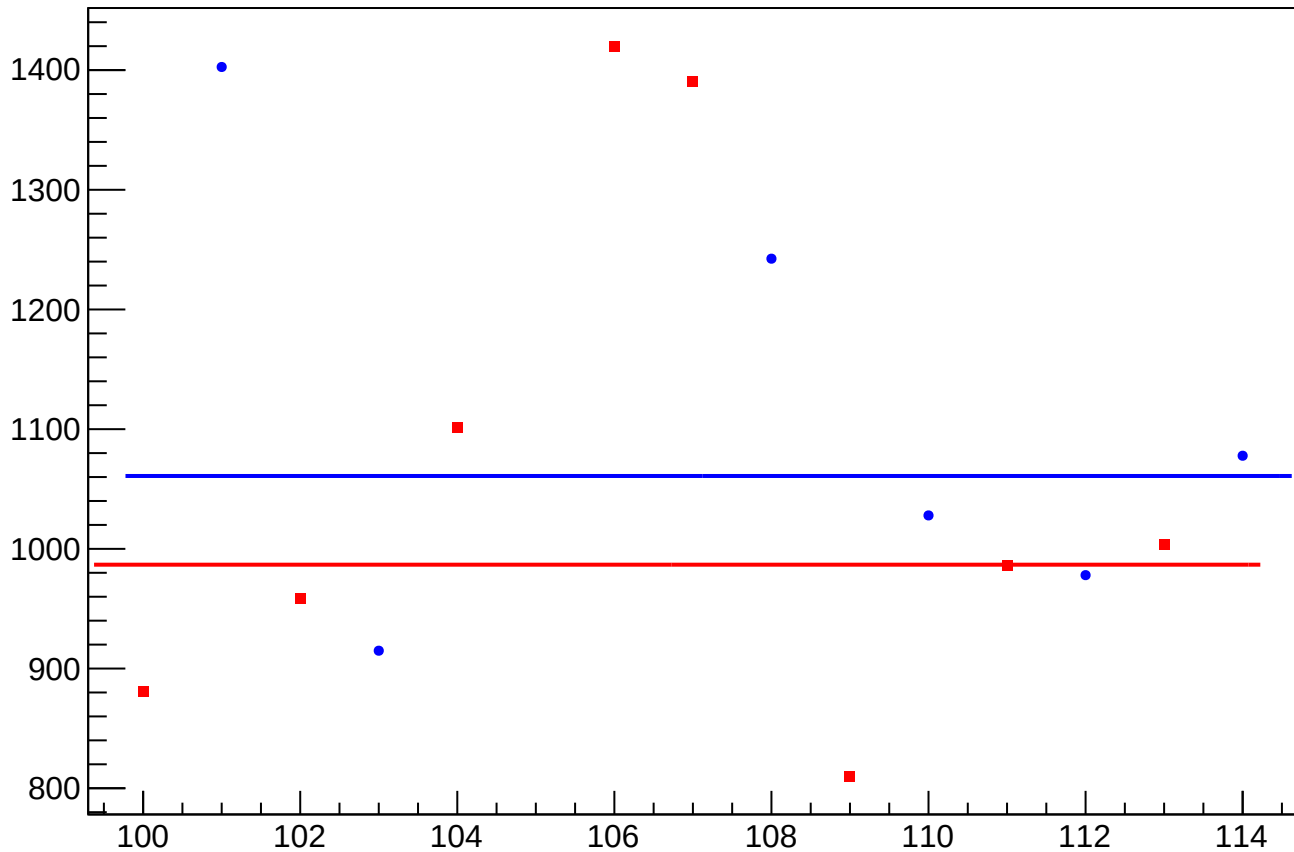
Right: -0.505+/-0.429 χ^2/NDF : 10.6/13

In: -0.163+/-0.663 χ^2/NDF : 0.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.505+/-0.429 χ^2/NDF : 10.6/13

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1060.890+/-0.469 χ^2/NDF : 131989.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 986.776+/-0.398 χ^2/NDF : 160940.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

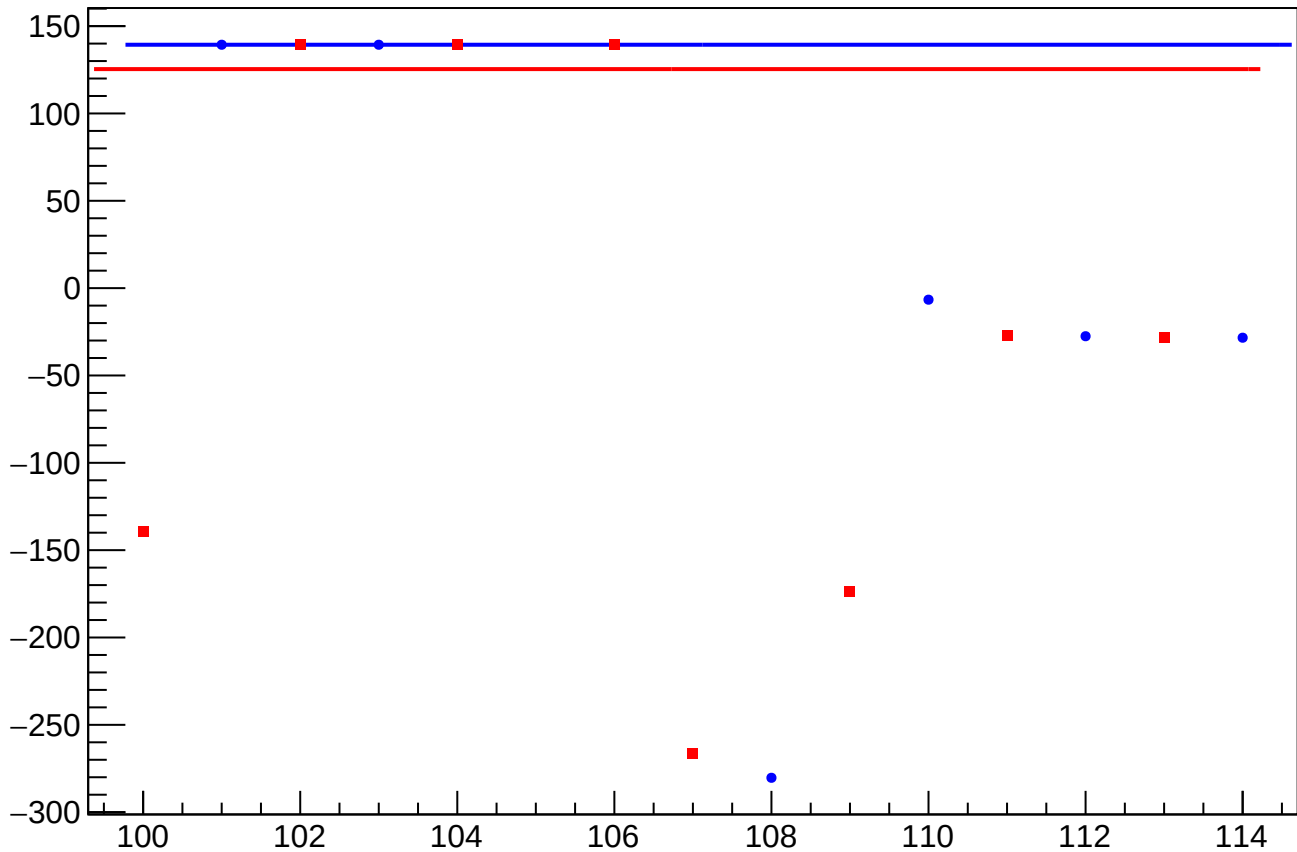
Right: 1017.772+/-0.303 χ^2/NDF : 307457.0/13

In: 1060.890+/-0.469 χ^2/NDF : 131989.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.772+/-0.303 χ^2/NDF : 307457.0/13

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 13012928659.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.393+/-0.000 χ^2/NDF : 774144791778009.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

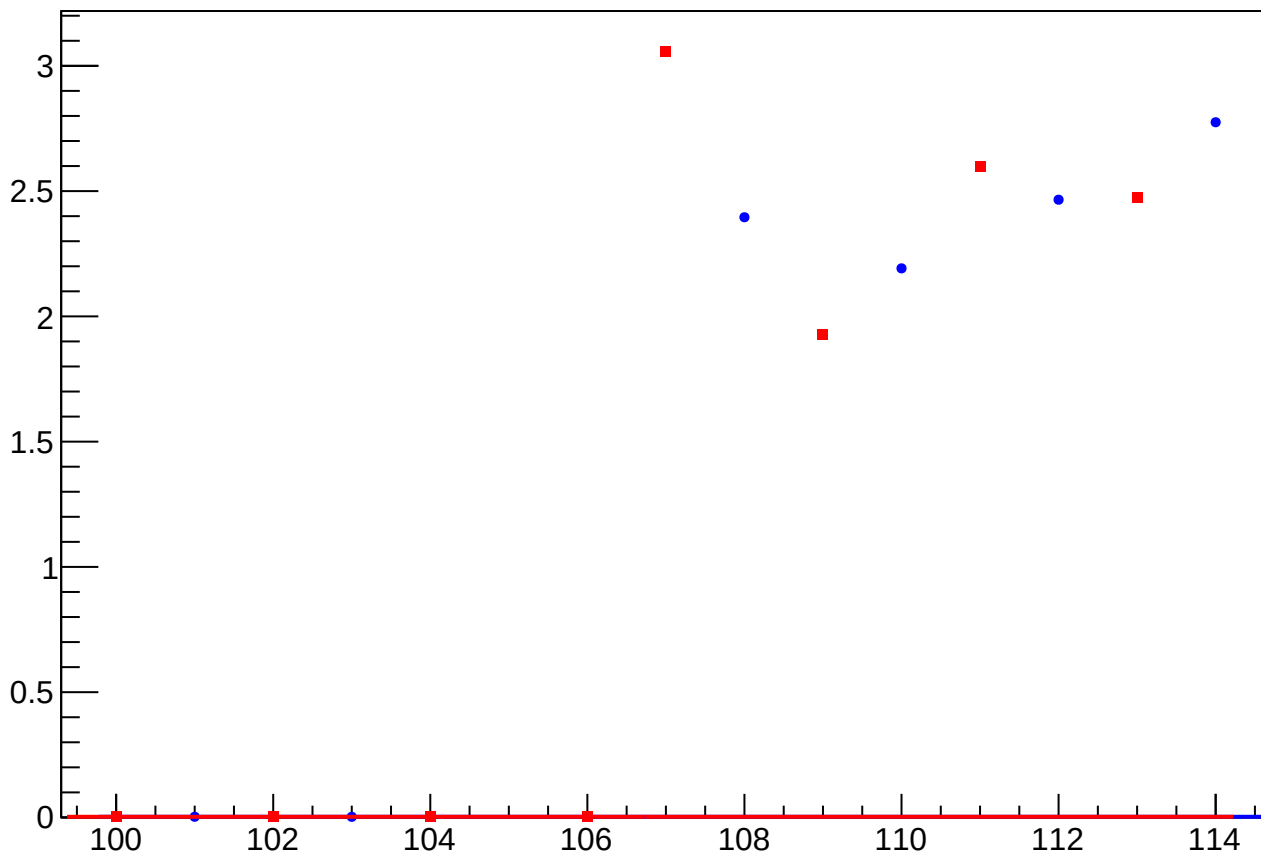
Right: 131.819+/-0.000 χ^2/NDF : 792943164387019

In: 139.338+/-0.000 χ^2/NDF : 13012928659.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792943164387

yield_cav4bX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

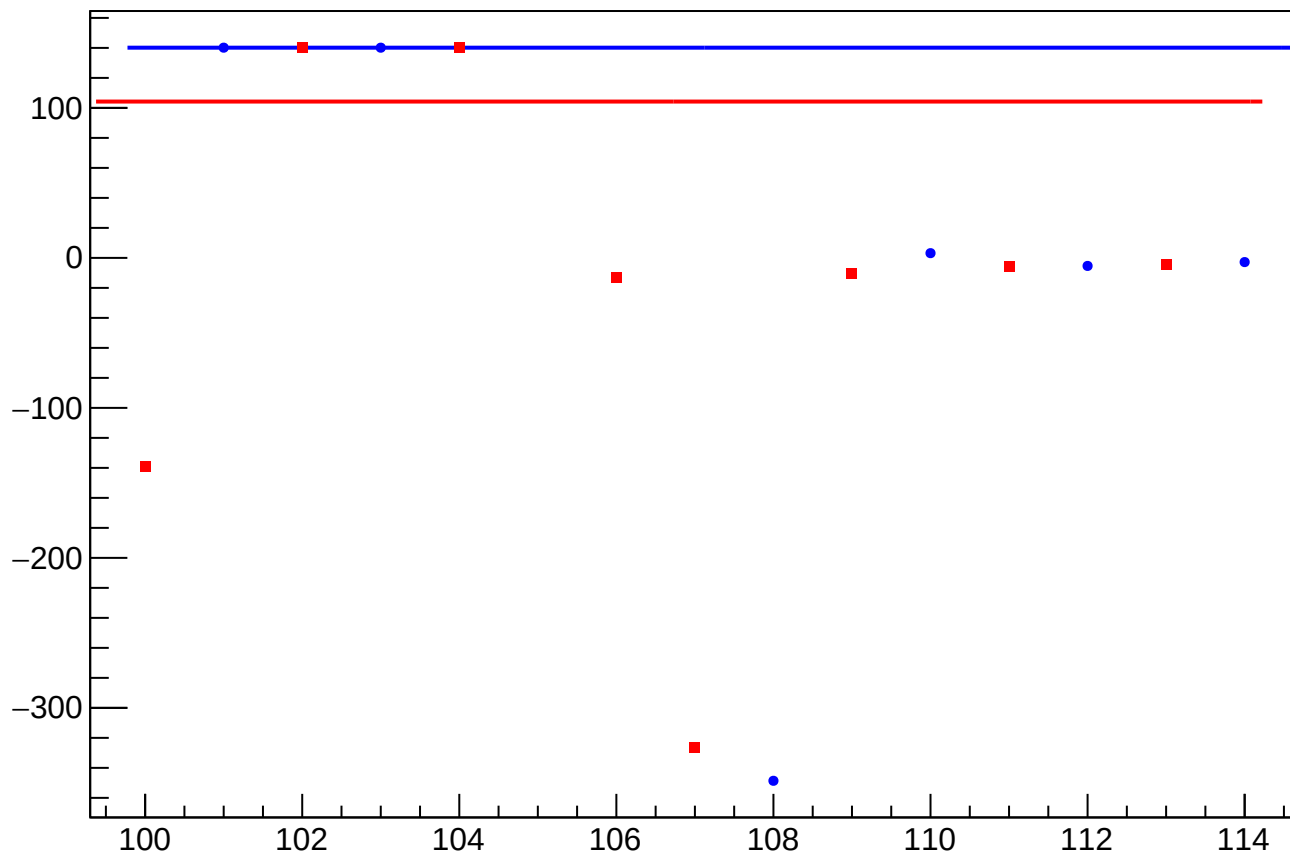
Right: 0.003+/-0.000 χ^2/NDF : 5041842.2/13

In: 0.003+/-0.000 χ^2/NDF : 2299003.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5041842.2/13

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148 $\pm$ 0.000 χ^2 /NDF: 8389235930.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.227 $\pm$ 0.000 χ^2 /NDF: 1257299757687132.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

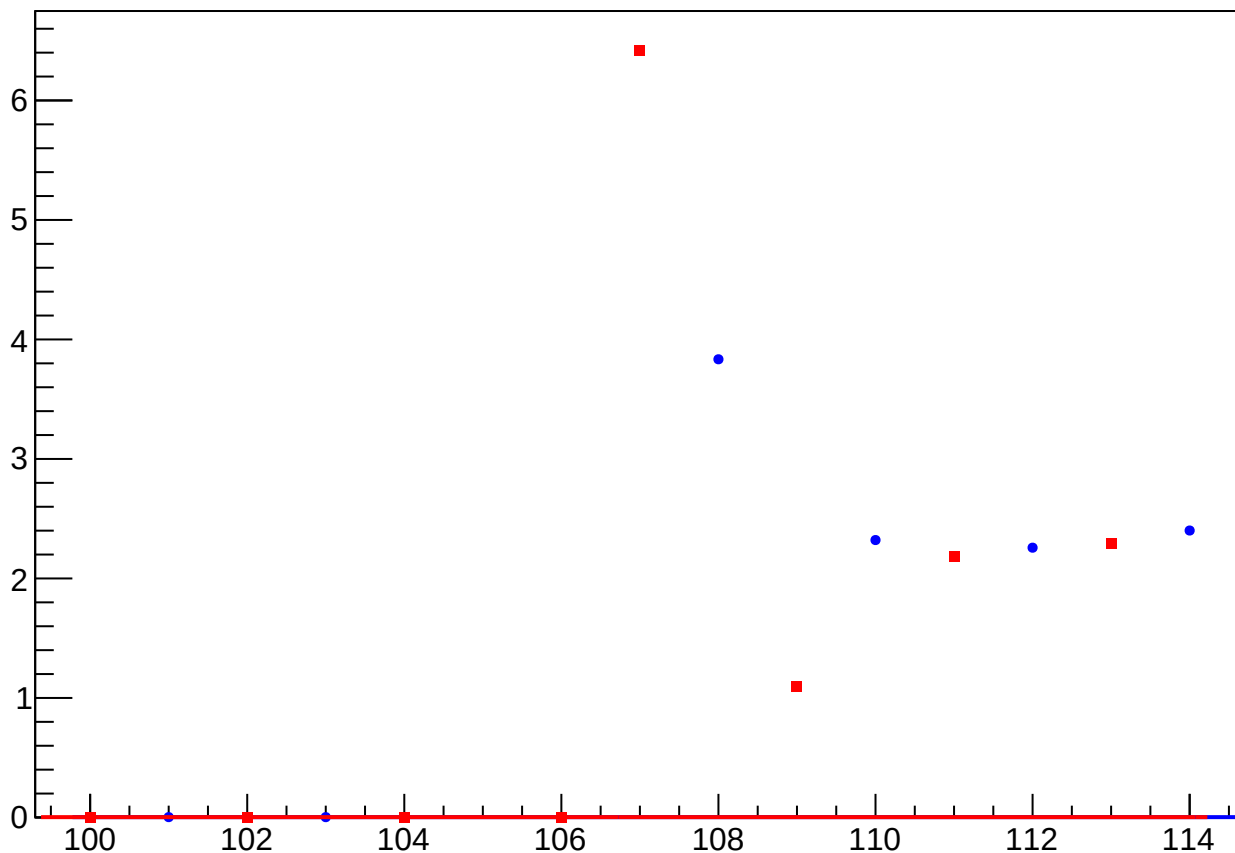
Right: 120.835 $\pm$ 0.000 χ^2 /NDF: 138062563703951

In: 140.148 $\pm$ 0.000 χ^2 /NDF:8389235930.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.835 $\pm$ 0.000 χ^2 /NDF: 138062563703

yield_cav4bY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

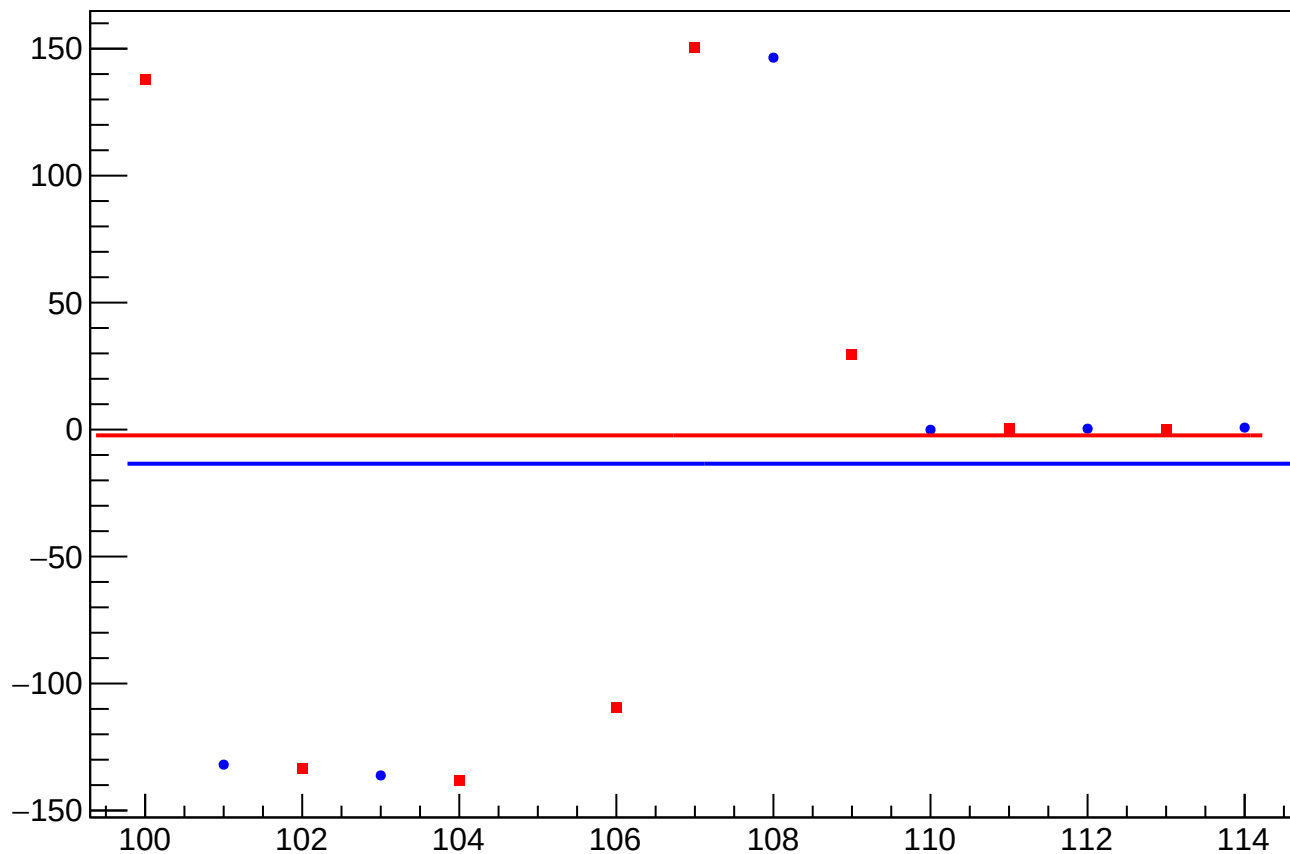
Right: 0.003+/-0.000 χ^2/NDF : 5028685.9/13

In: 0.003+/-0.000 χ^2/NDF : 2407193.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5028685.9/13

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -13.434+/-0.001 χ^2/NDF : 9390795840.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.279+/-0.001 χ^2/NDF : 3584988705.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

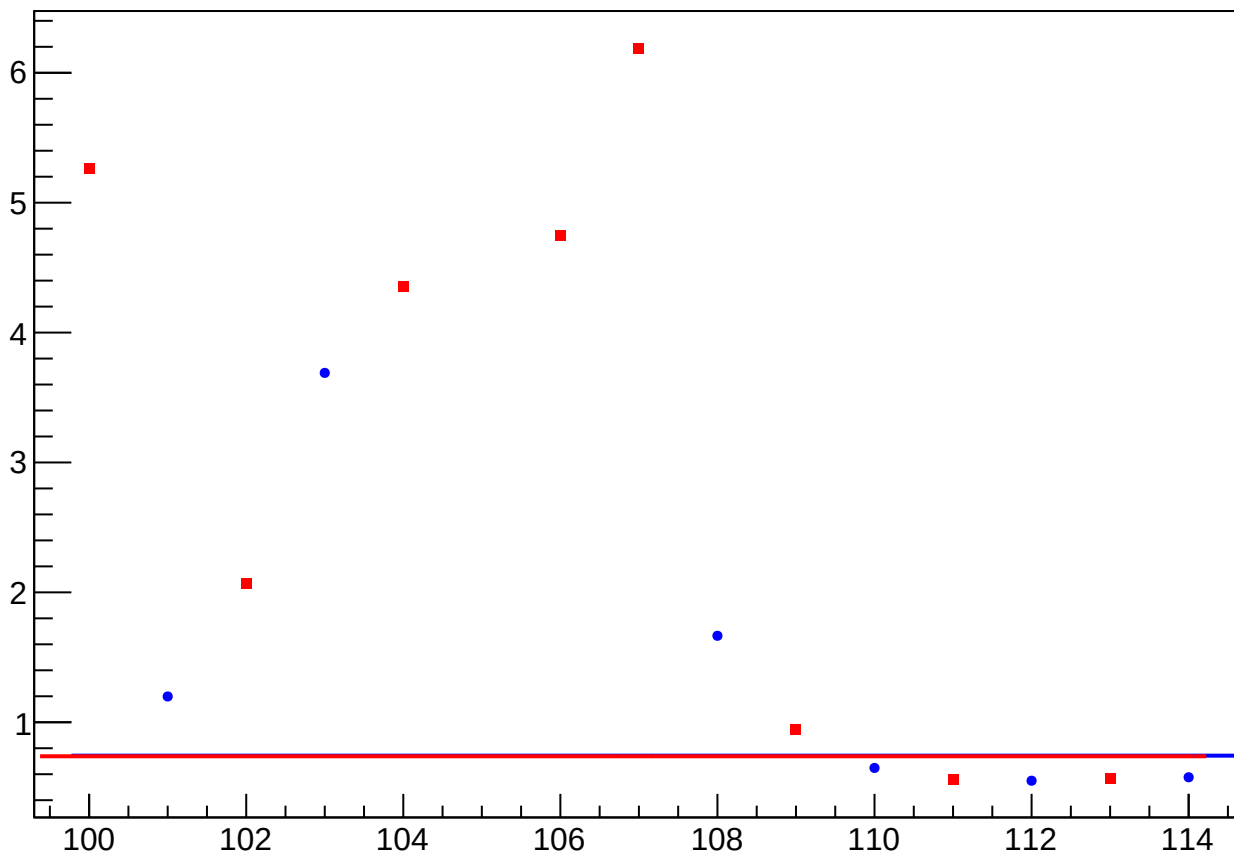
Right: -7.714+/-0.000 χ^2/NDF : 13166550201.9/13

In: -13.434+/-0.001 χ^2/NDF : 9390795840.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.714+/-0.000 χ^2/NDF : 13166550201.9/13

yield_cav4cX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

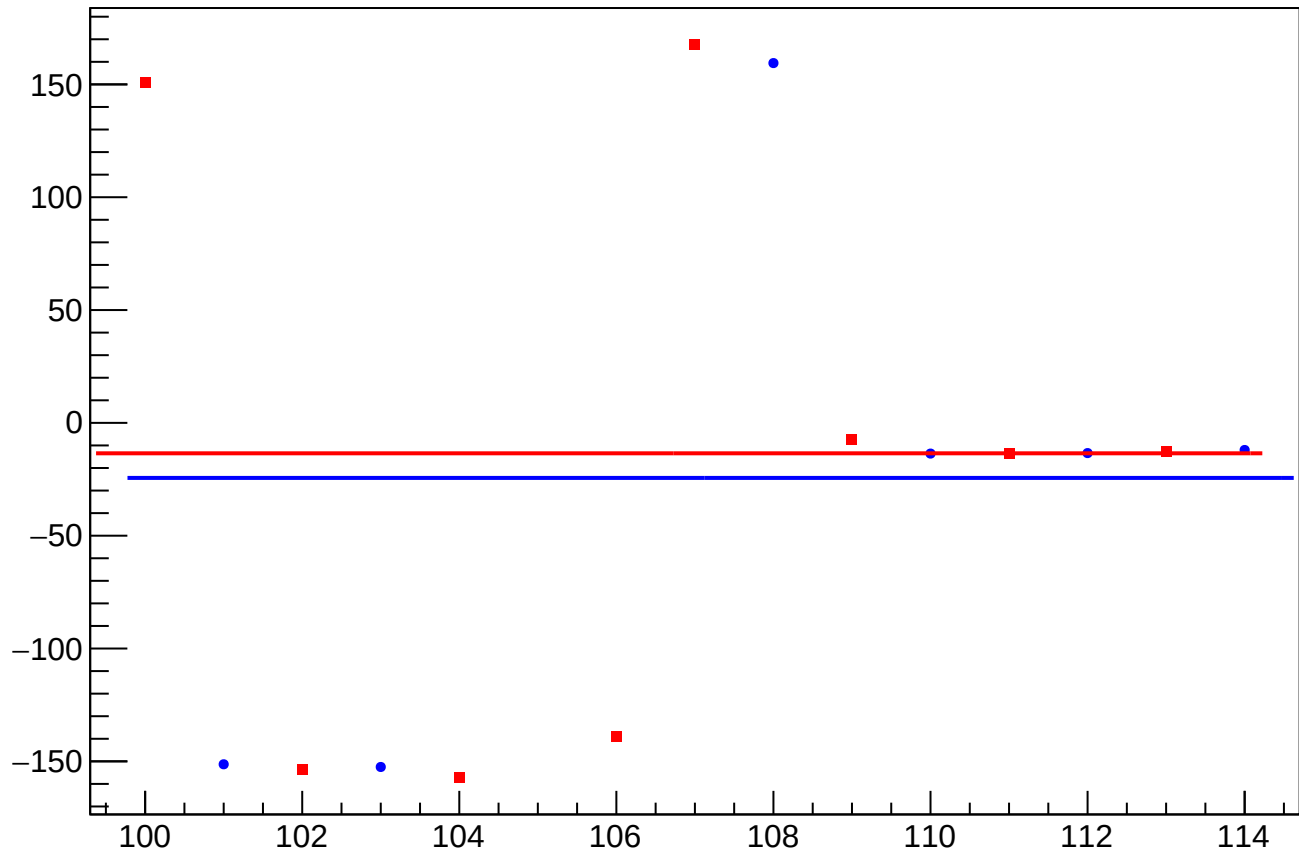
Right: 0.740+/-0.000 χ^2/NDF : 3170869.0/13

In: 0.743+/-0.000 χ^2/NDF : 1114255.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.740+/-0.000 χ^2/NDF : 3170869.0/13

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -24.393+/-0.001 χ^2/NDF : 3220814779.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.487+/-0.001 χ^2/NDF : 1279392948.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

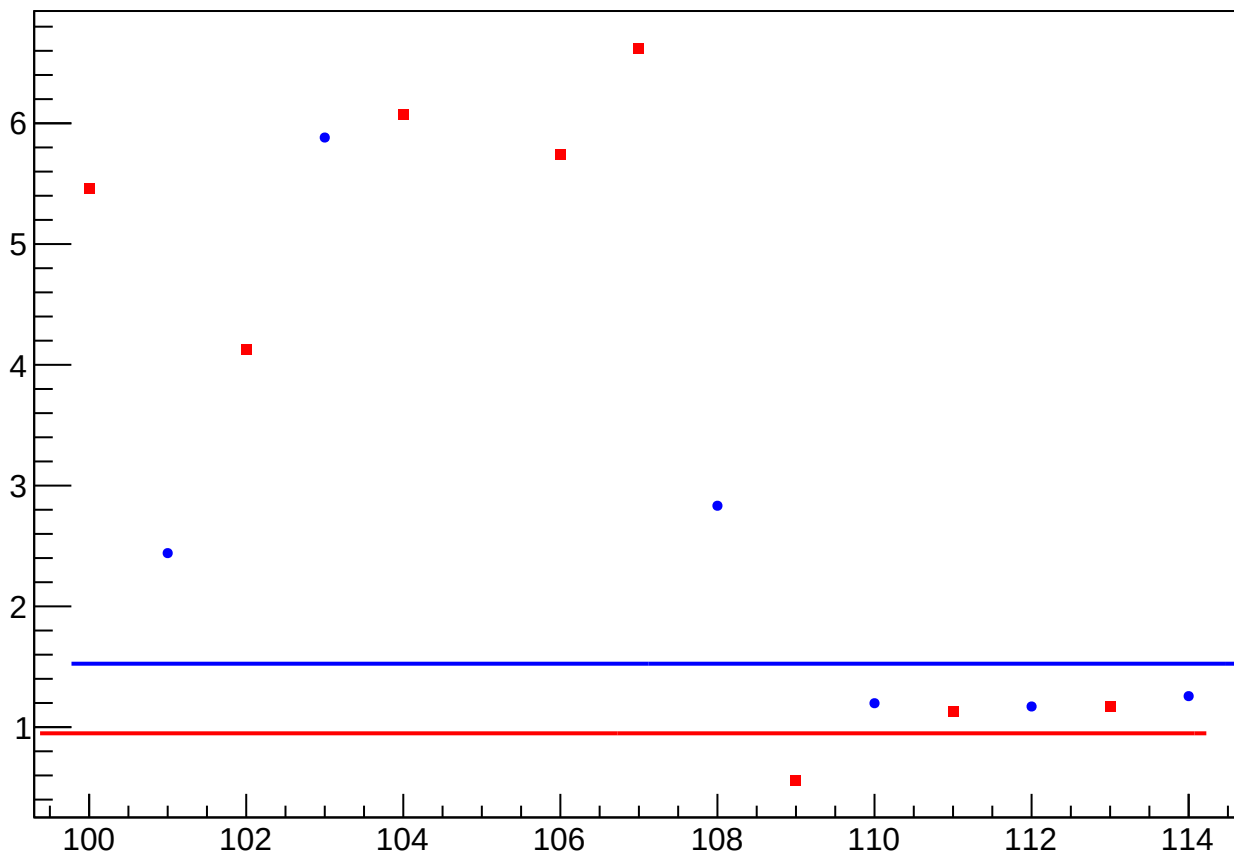
Right: -16.998+/-0.001 χ^2/NDF : 4563696824.7/13

In: -24.393+/-0.001 χ^2/NDF : 3220814779.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.998+/-0.001 χ^2/NDF : 4563696824.7/13

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 1.525+/-0.001 χ^2/NDF : 1086124.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.949+/-0.001 χ^2/NDF : 2394861.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

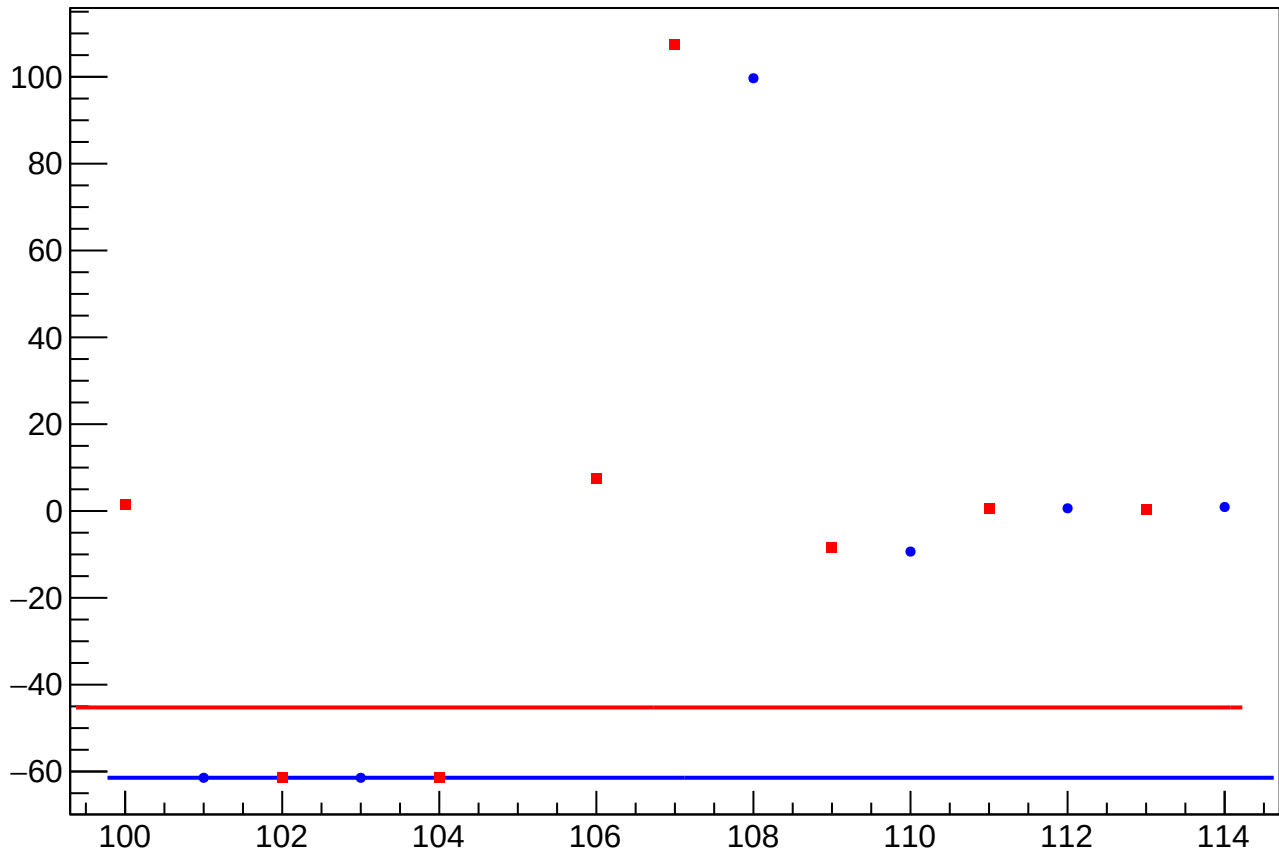
Right: 1.134+/-0.000 χ^2/NDF : 3835661.4/13

In: 1.525+/-0.001 χ^2/NDF : 1086124.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

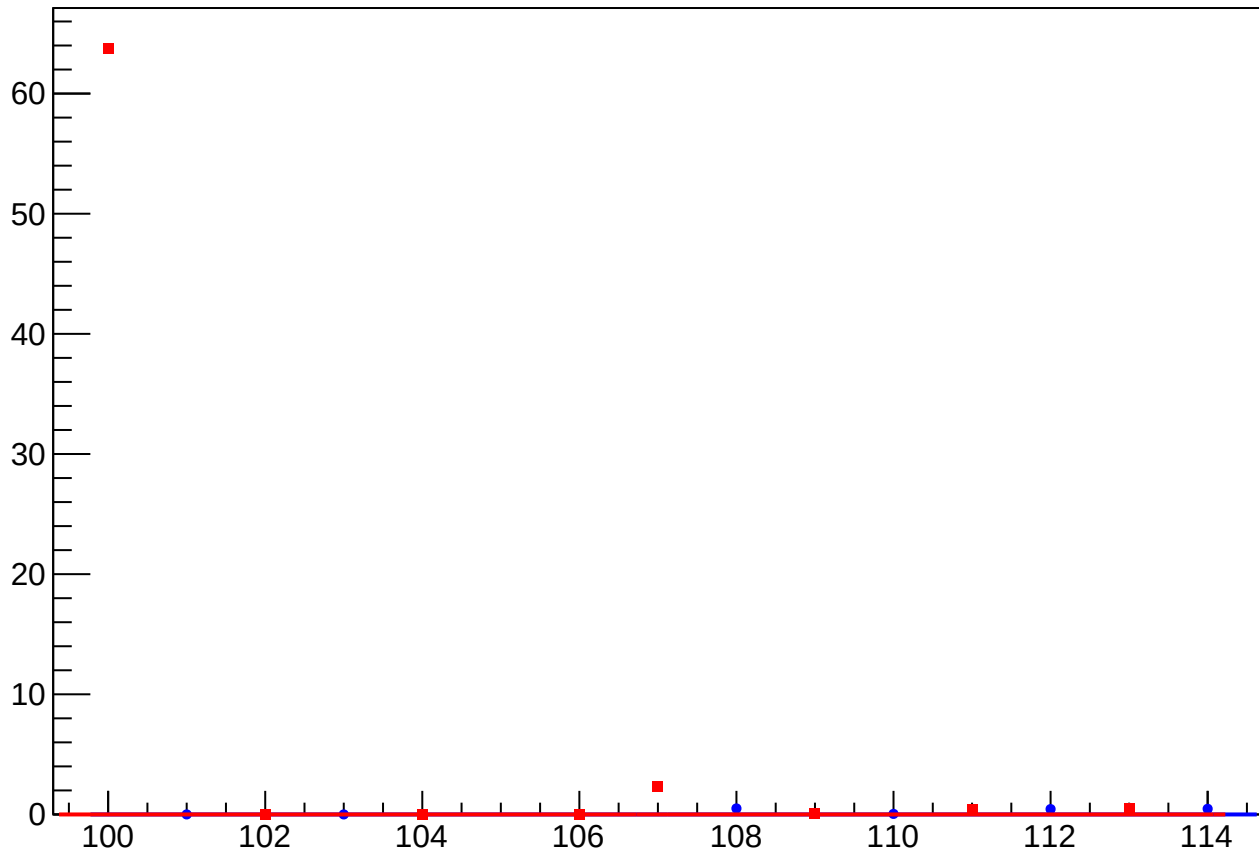
All: 1.134+/-0.000 χ^2/NDF : 3835661.4/13

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 198950520834.8/5
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -52.751+/-0.000 χ^2/NDF : 409022894534608
 In: -61.439+/-0.000 χ^2/NDF : 198950520834.8/5
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409022894534

yield_cav4dX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

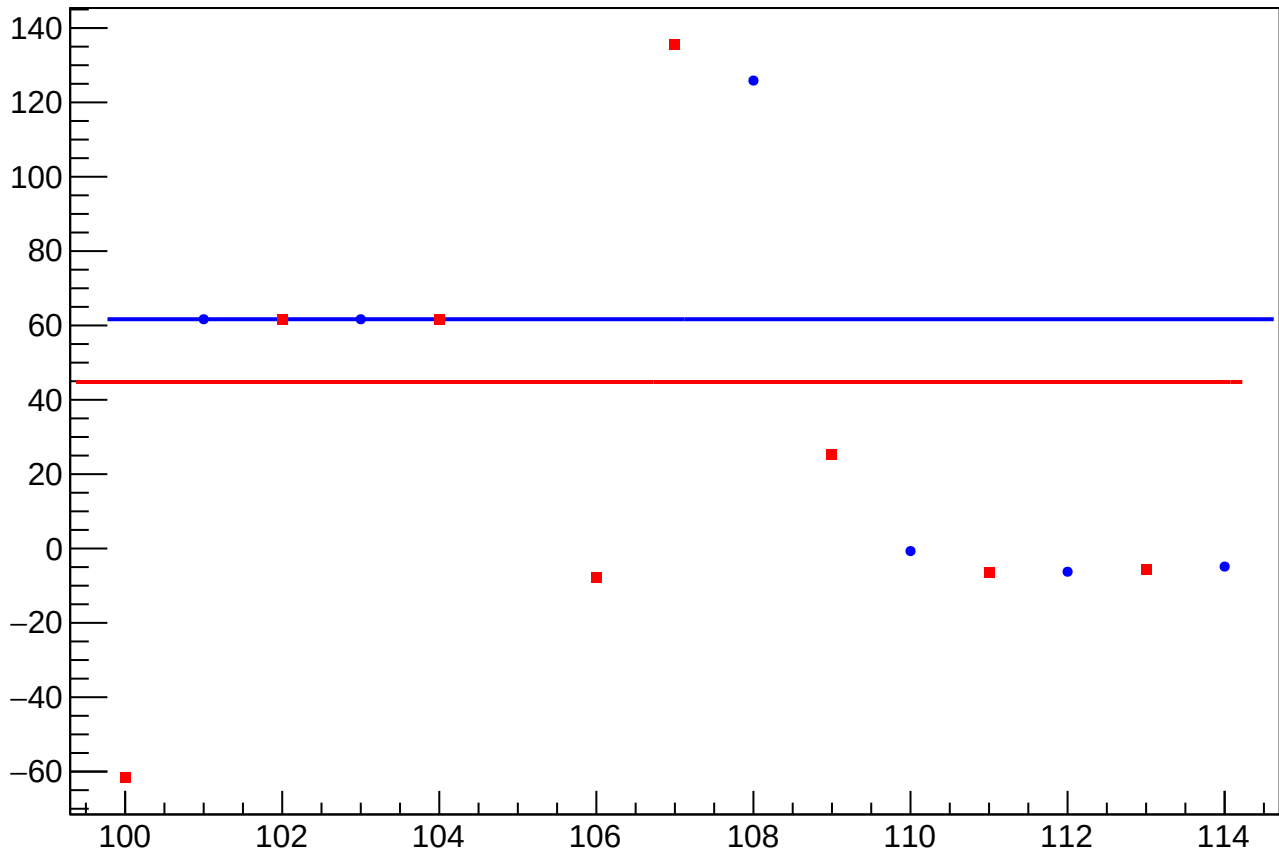
Right: 0.001+/-0.000 χ^2/NDF : 4374608.3/13

In: 0.001+/-0.000 χ^2/NDF : 1911489.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4374608.3/13

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 5303954951.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.793+/-0.000 χ^2/NDF : 365871895024840.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

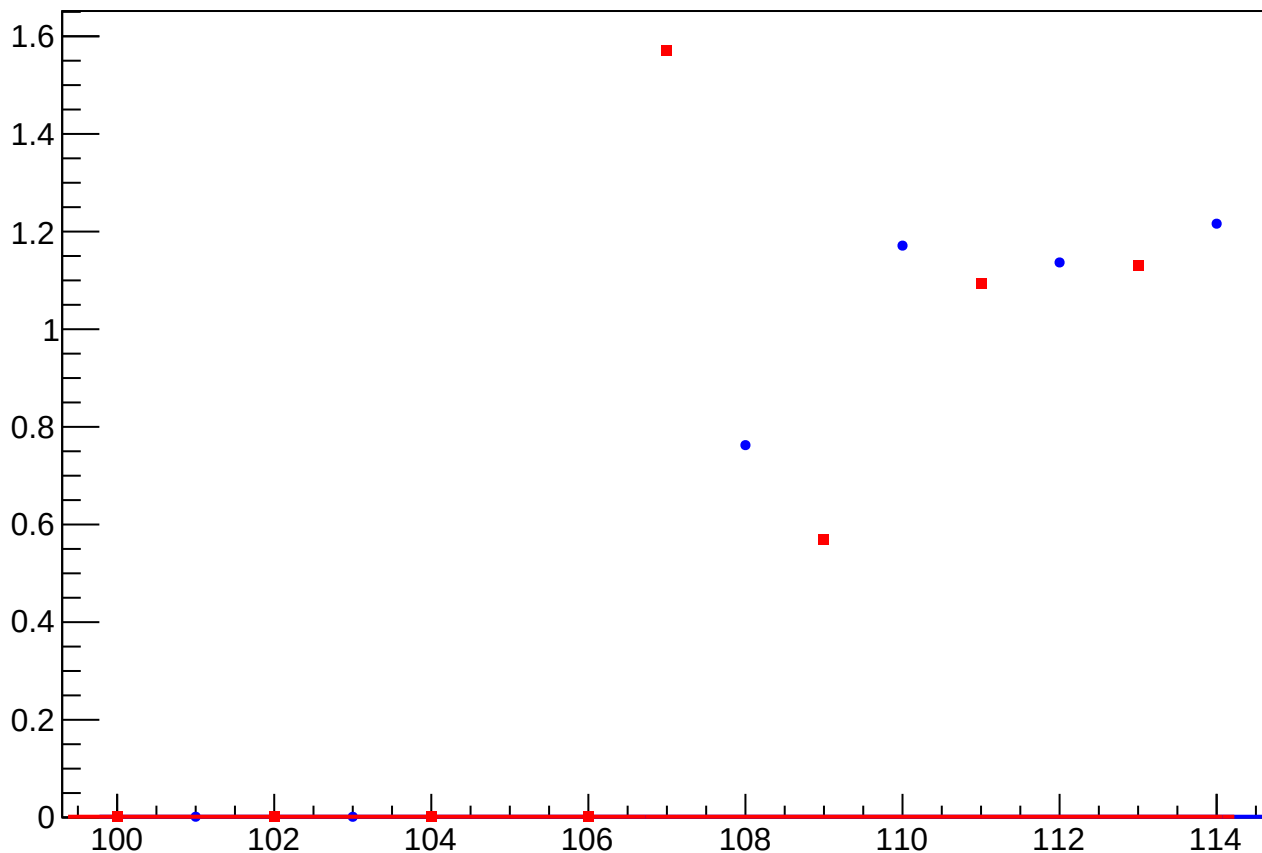
Right: 52.698+/-0.000 χ^2/NDF : 416999294501057.9

In: 61.673+/-0.000 χ^2/NDF : 5303954951.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.698+/-0.000 χ^2/NDF : 416999294501057.9

yield_cav4dY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

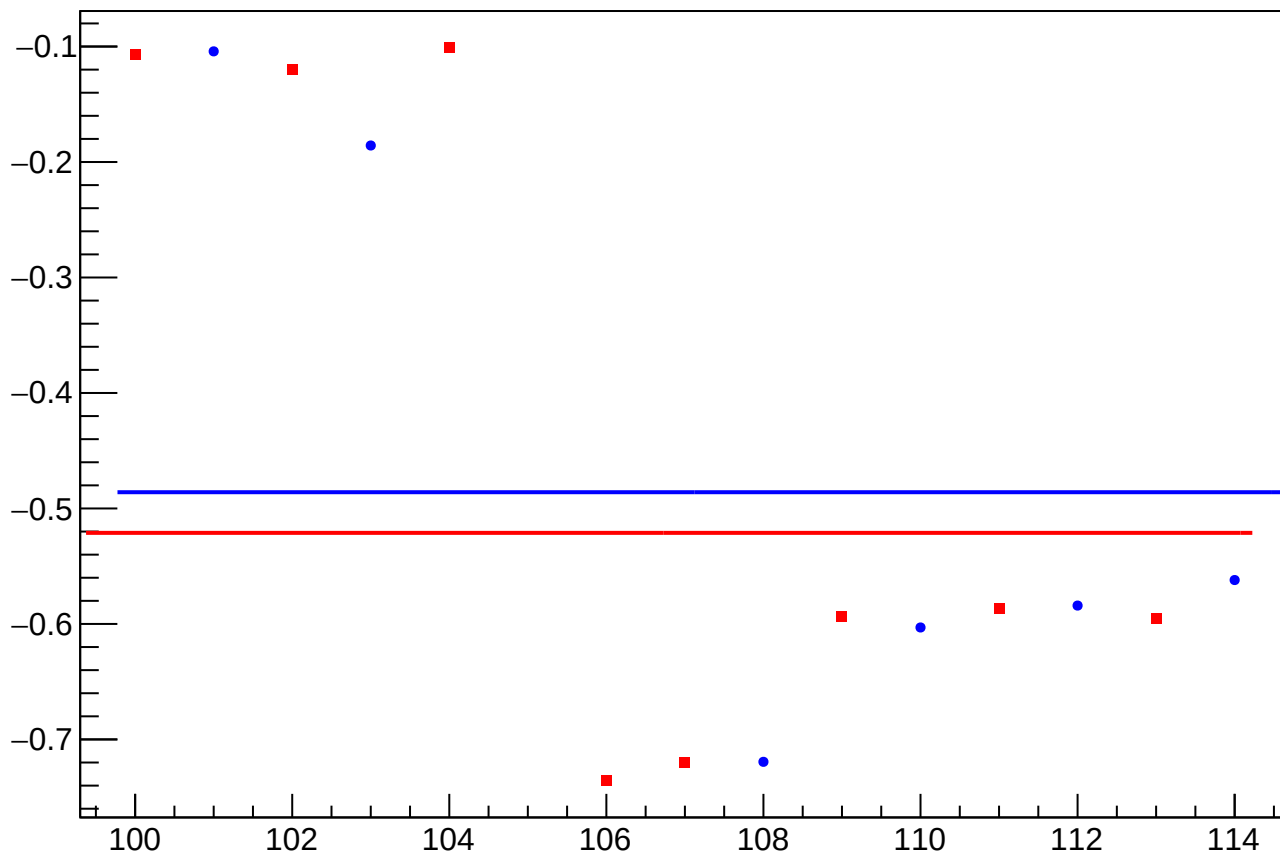
Right: 0.001+/-0.000 χ^2/NDF : 5110098.1/13

In: 0.001+/-0.000 χ^2/NDF : 2467301.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5110098.1/13

yield_bpm4aX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

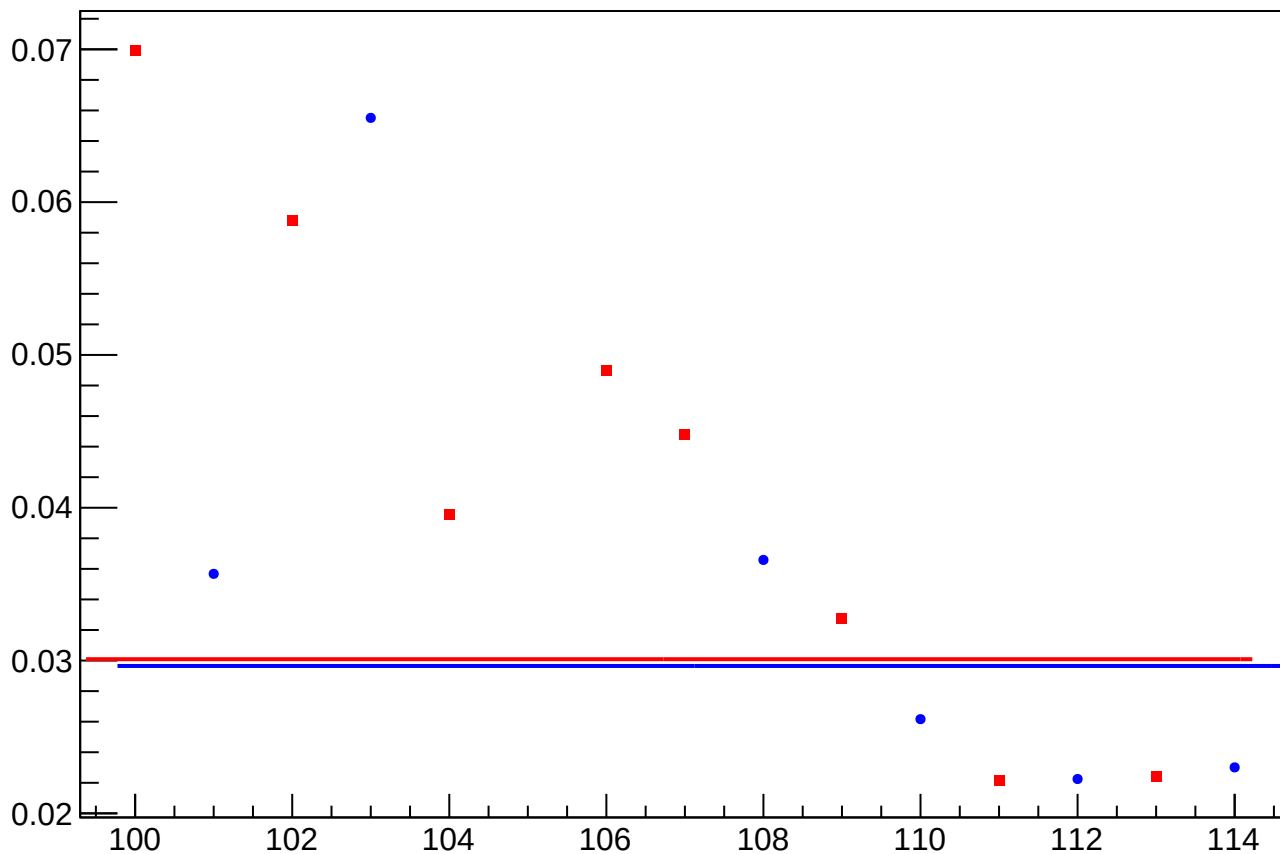
Right: -0.505+/-0.000 χ^2/NDF : 200876348.7/13

In: -0.486+/-0.000 χ^2/NDF :104794913.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.505+/-0.000 χ^2/NDF : 200876348.7/13

yield_bpm4aX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

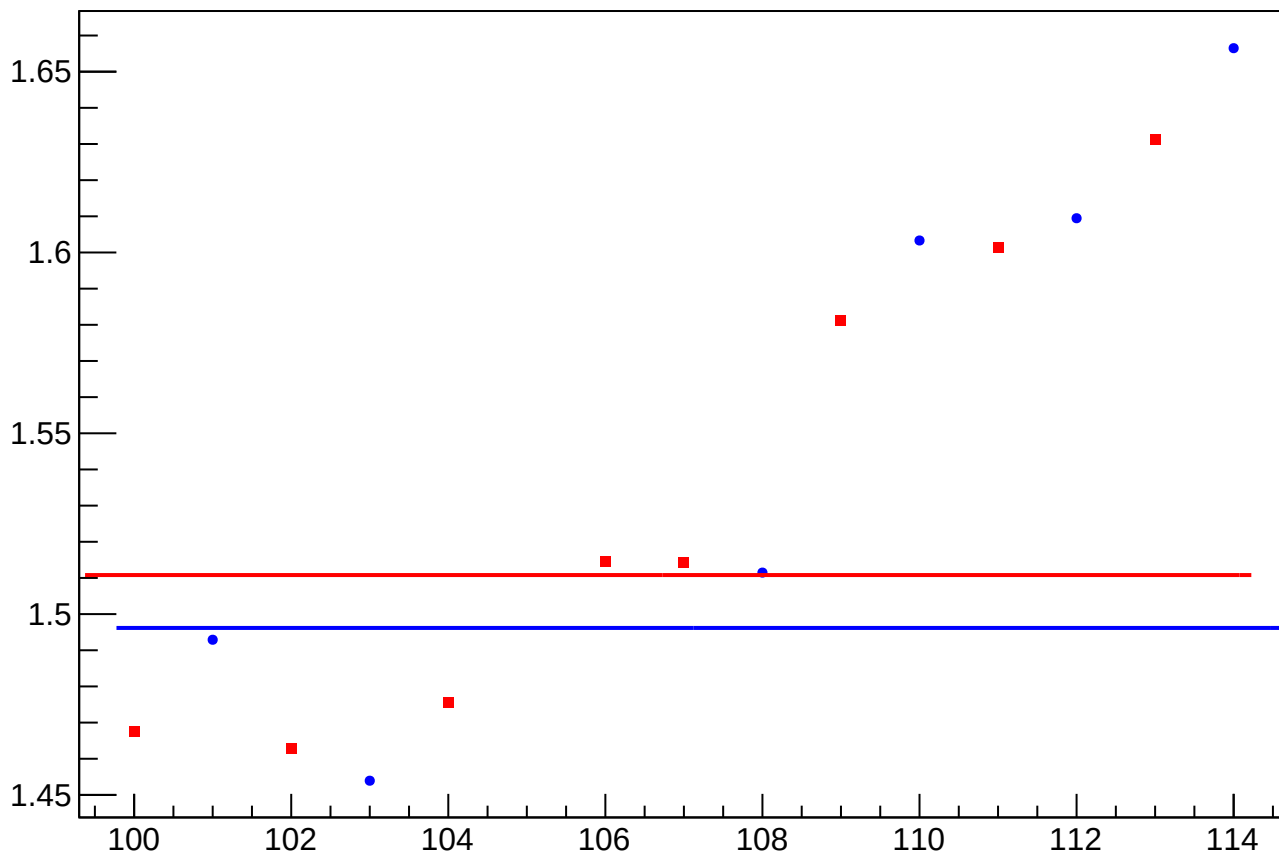
Right: 0.030+/-0.000 χ^2/NDF : 1198500.5/13

In: 0.030+/-0.000 χ^2/NDF : 520650.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 1198500.5/13

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.496+/-0.000 χ^2/NDF : 9701564.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.511+/-0.000 χ^2/NDF : 18106943.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

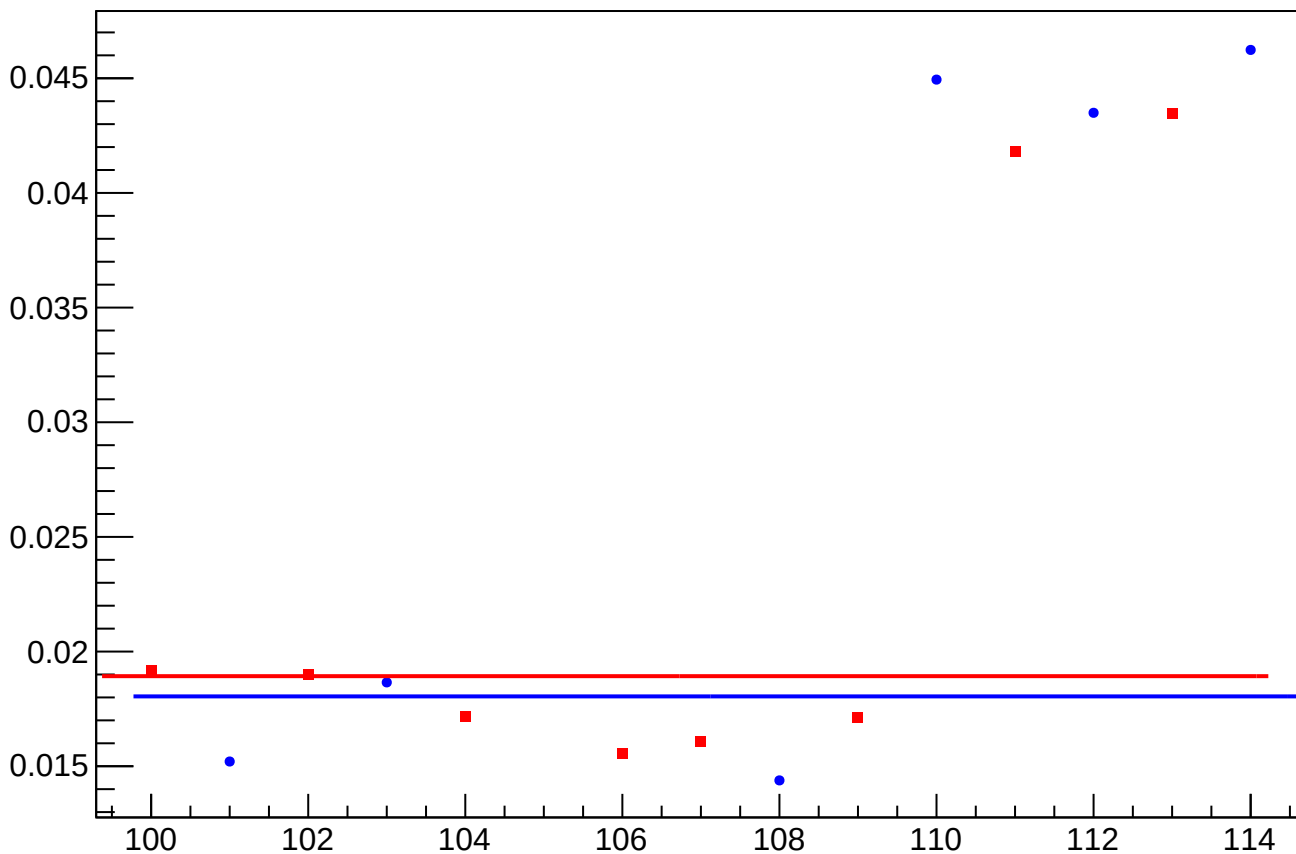
Right: 1.504+/-0.000 χ^2/NDF : 28526883.7/13

In: 1.496+/-0.000 χ^2/NDF : 9701564.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.504+/-0.000 χ^2/NDF : 28526883.7/13

yield_bpm4aY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

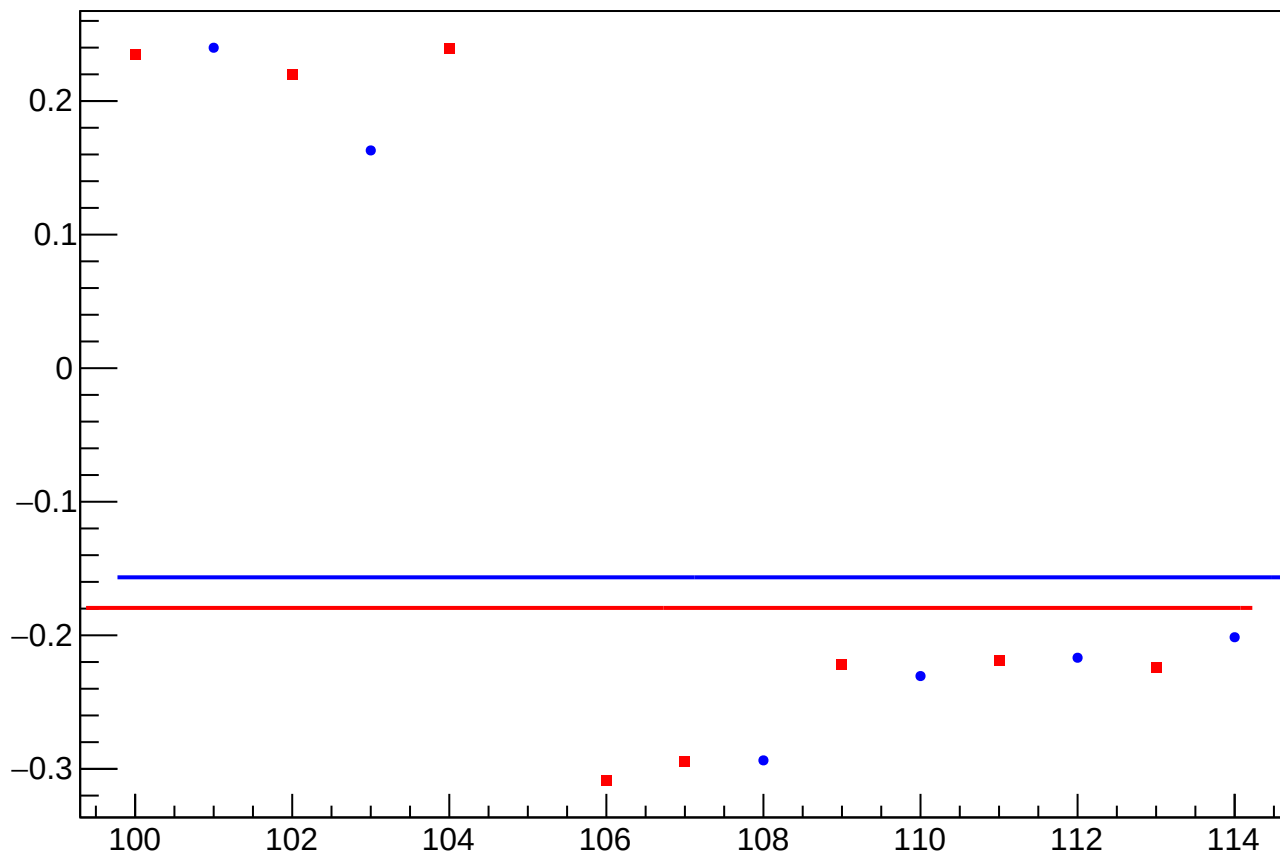
Right: 0.019+/-0.000 χ^2/NDF : 1319690.0/13

In: 0.018+/-0.000 χ^2/NDF : 721744.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1319690.0/13

yield_bpm4eX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

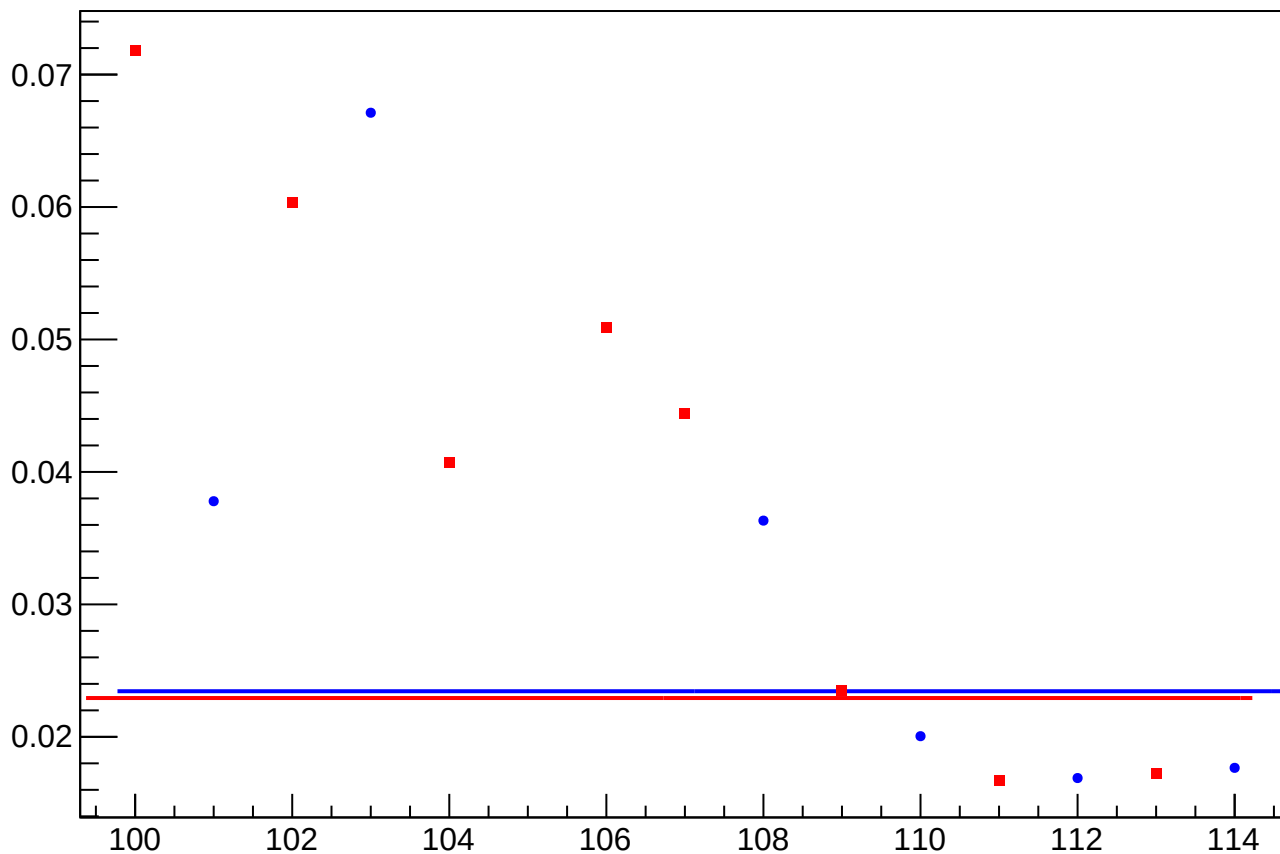
Right: -0.169+/-0.000 χ^2/NDF : 171582897.6/13

In: -0.157+/-0.000 χ^2/NDF :90021572.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.169+/-0.000 χ^2/NDF : 171582897.6/13

yield_bpm4eX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

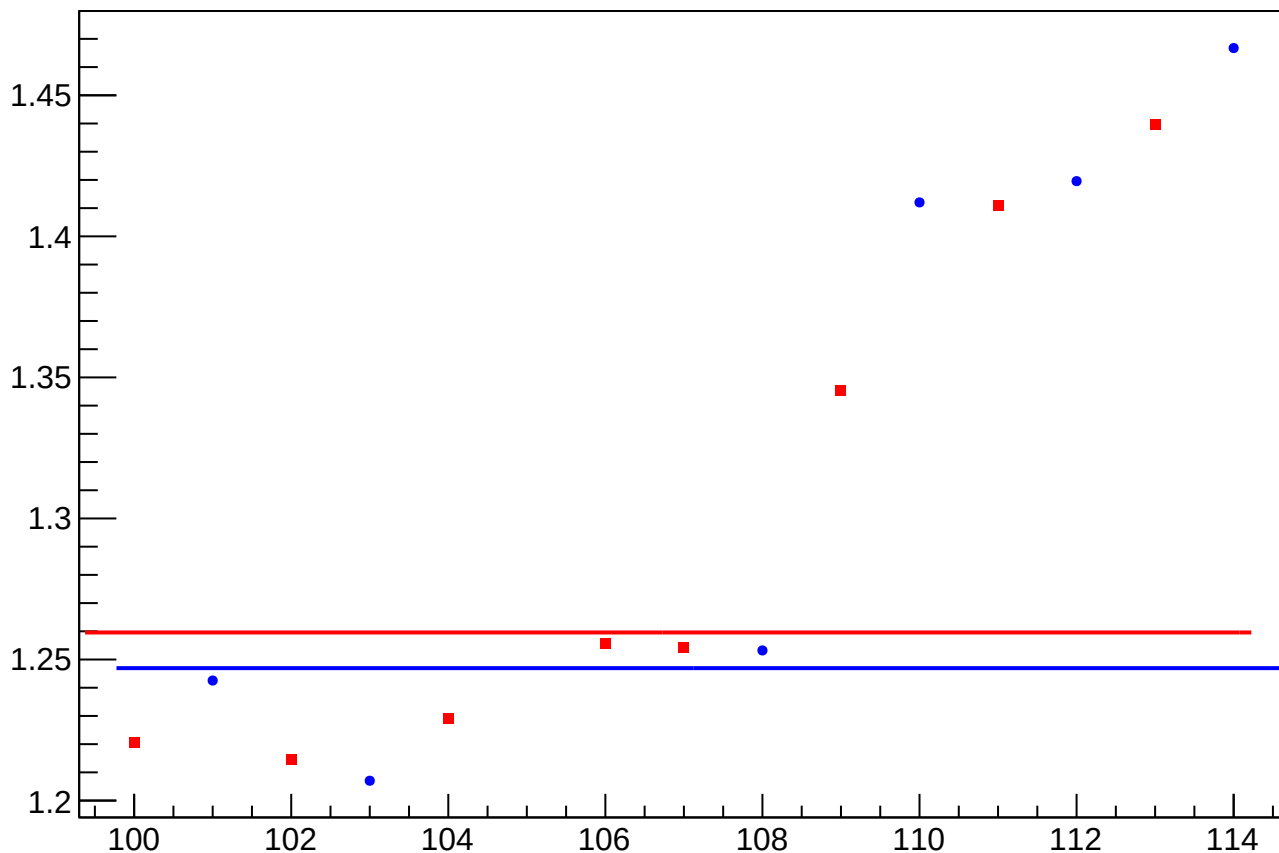
Right: 0.023+/-0.000 χ^2/NDF : 1994606.7/13

In: 0.023+/-0.000 χ^2/NDF : 898100.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1994606.7/13

yield_bpm4eY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

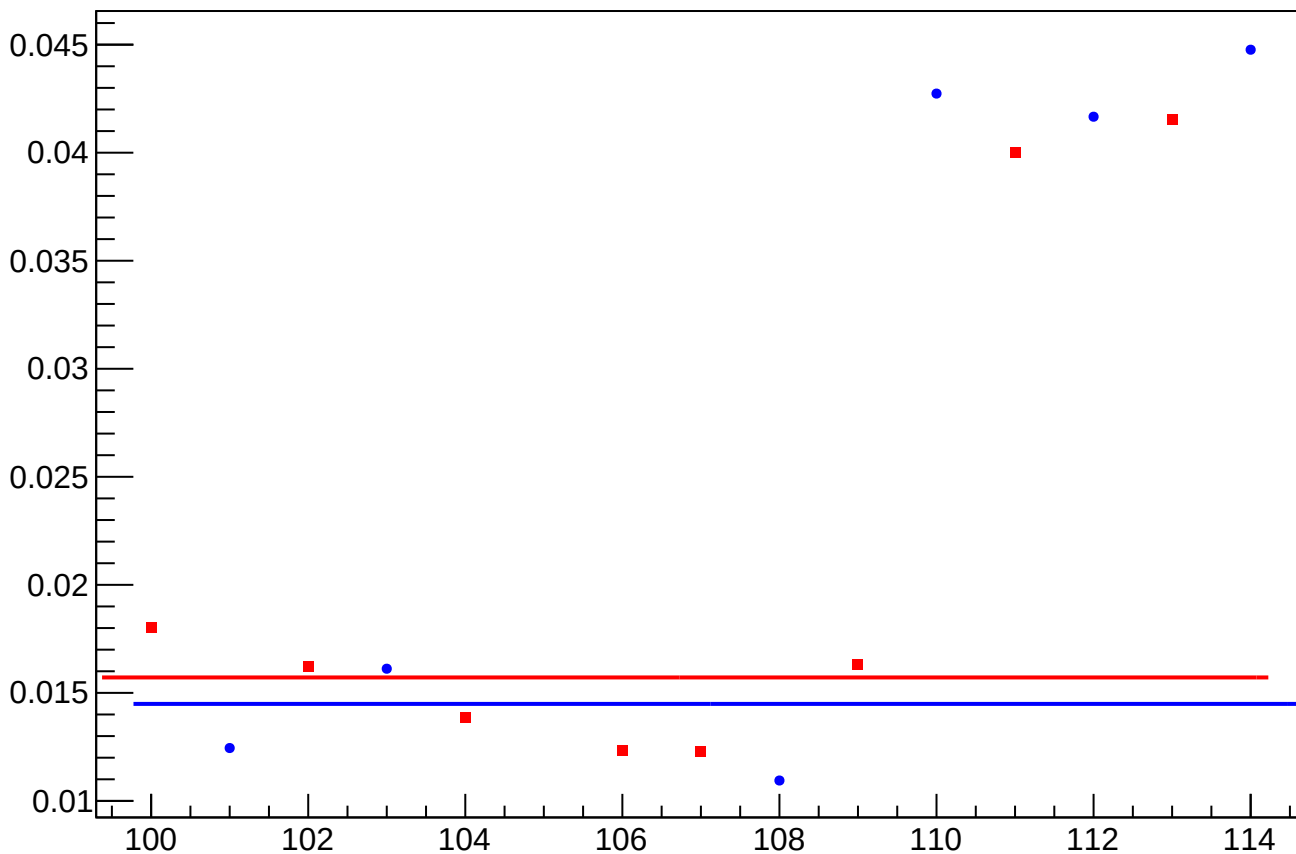
Right: 1.254+/-0.000 χ^2/NDF : 51587318.9/13

In: 1.247+/-0.000 χ^2/NDF : 19145813.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.254+/-0.000 χ^2/NDF : 51587318.9/13

yield_bpm4eY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

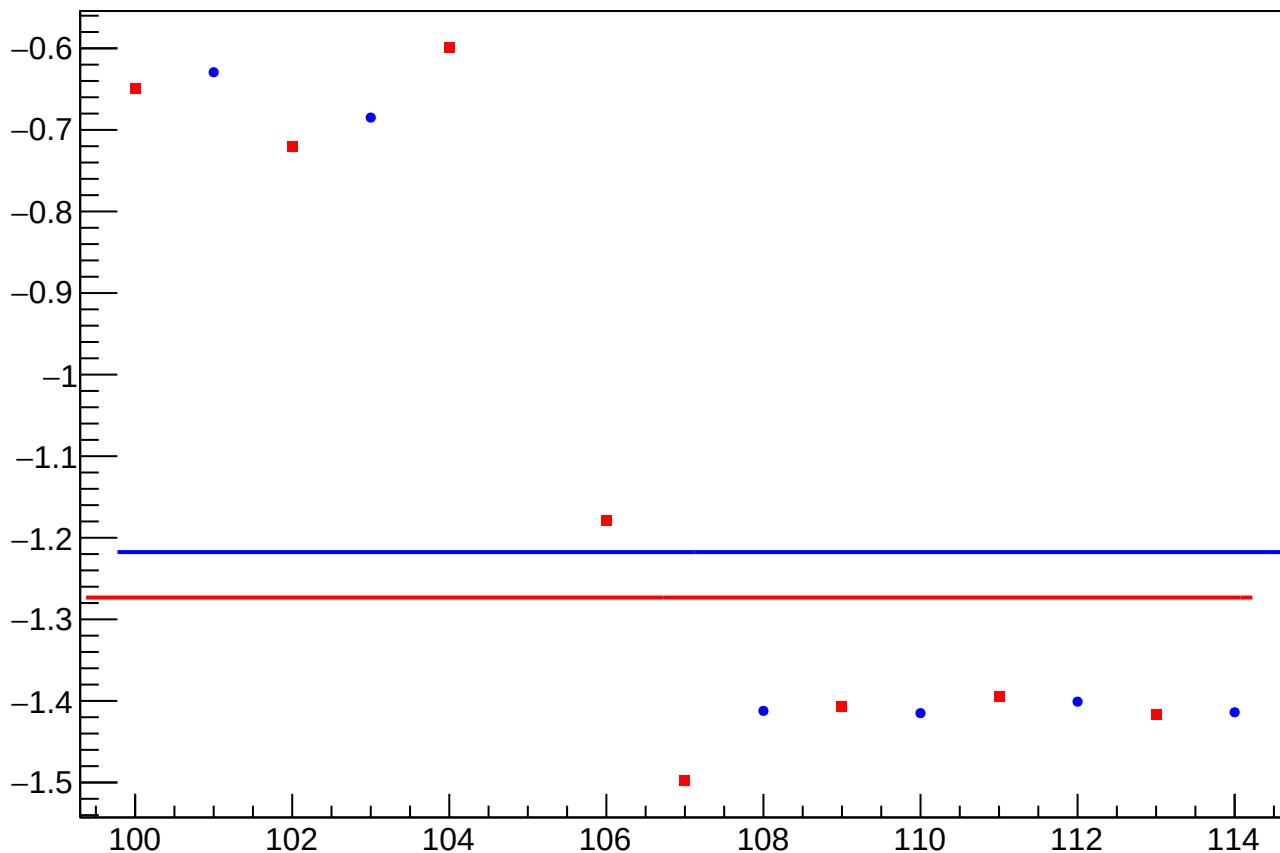
Right: 0.015+/-0.000 χ^2/NDF : 1647617.4/13

In: 0.014+/-0.000 χ^2/NDF : 889642.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1647617.4/13

yield_bpm4acX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

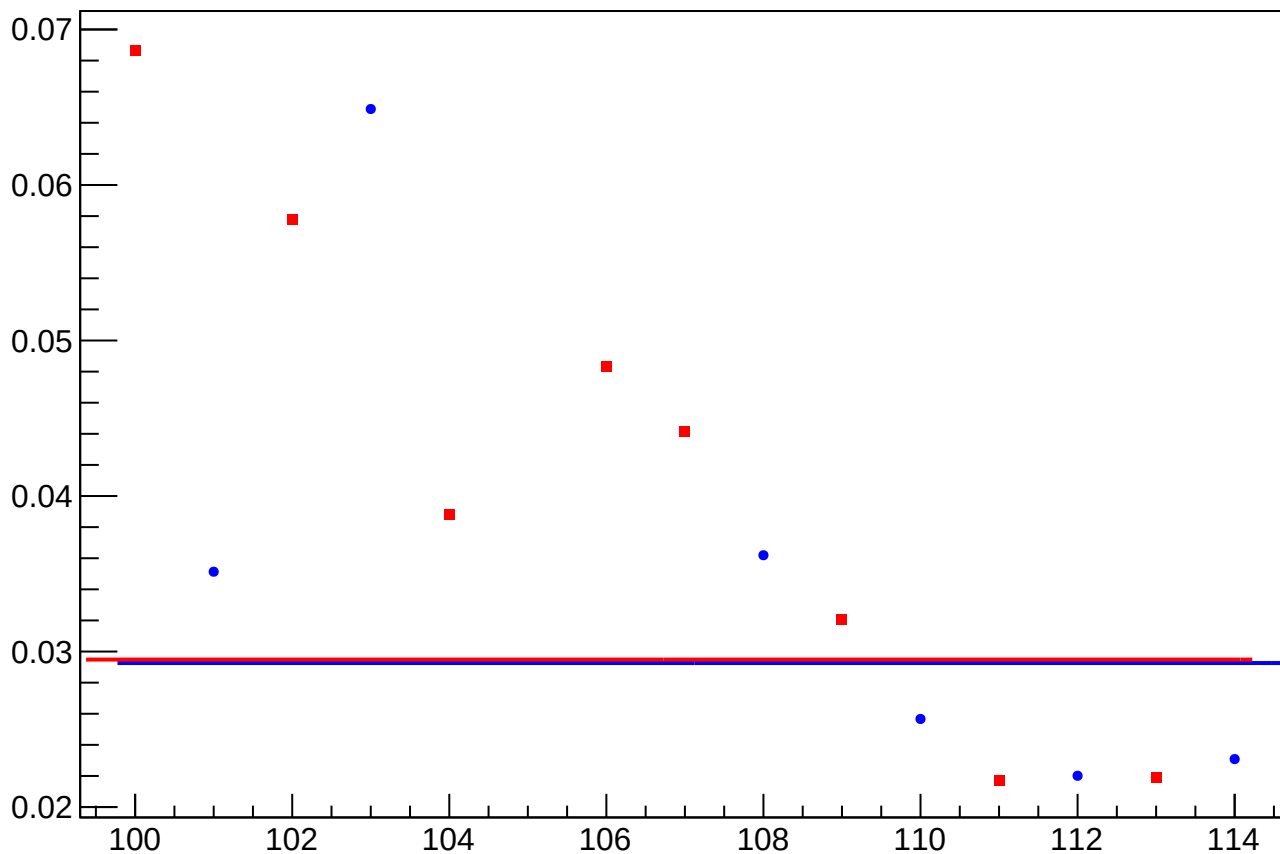
Right: -1.248+/-0.000 χ^2/NDF : 490147128.6/13

In: -1.218+/-0.000 χ^2/NDF :259403168.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.248+/-0.000 χ^2/NDF : 490147128.6/13

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 518535.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 682489.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

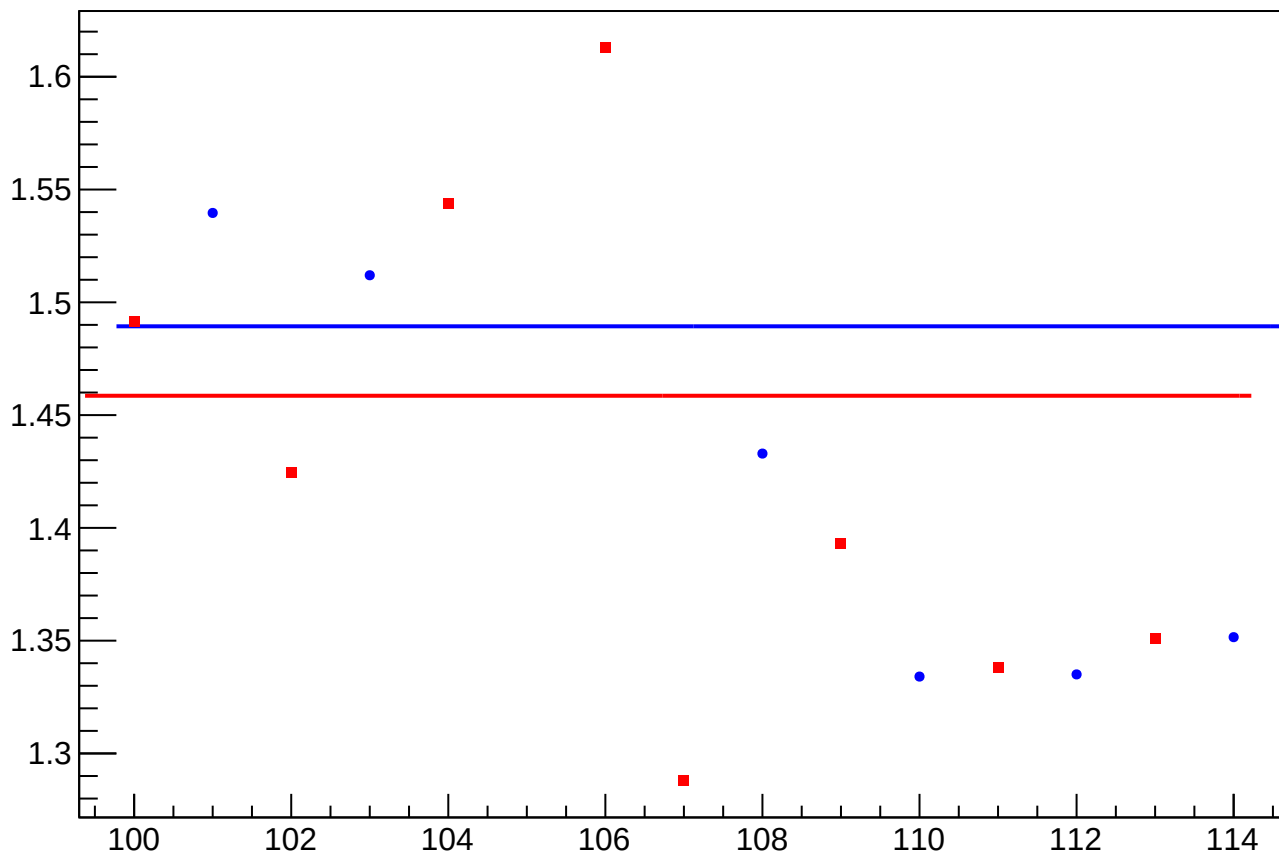
Right: 0.029+/-0.000 χ^2/NDF : 1201151.1/13

In: 0.029+/-0.000 χ^2/NDF : 518535.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1201151.1/13

yield_bpm4acY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

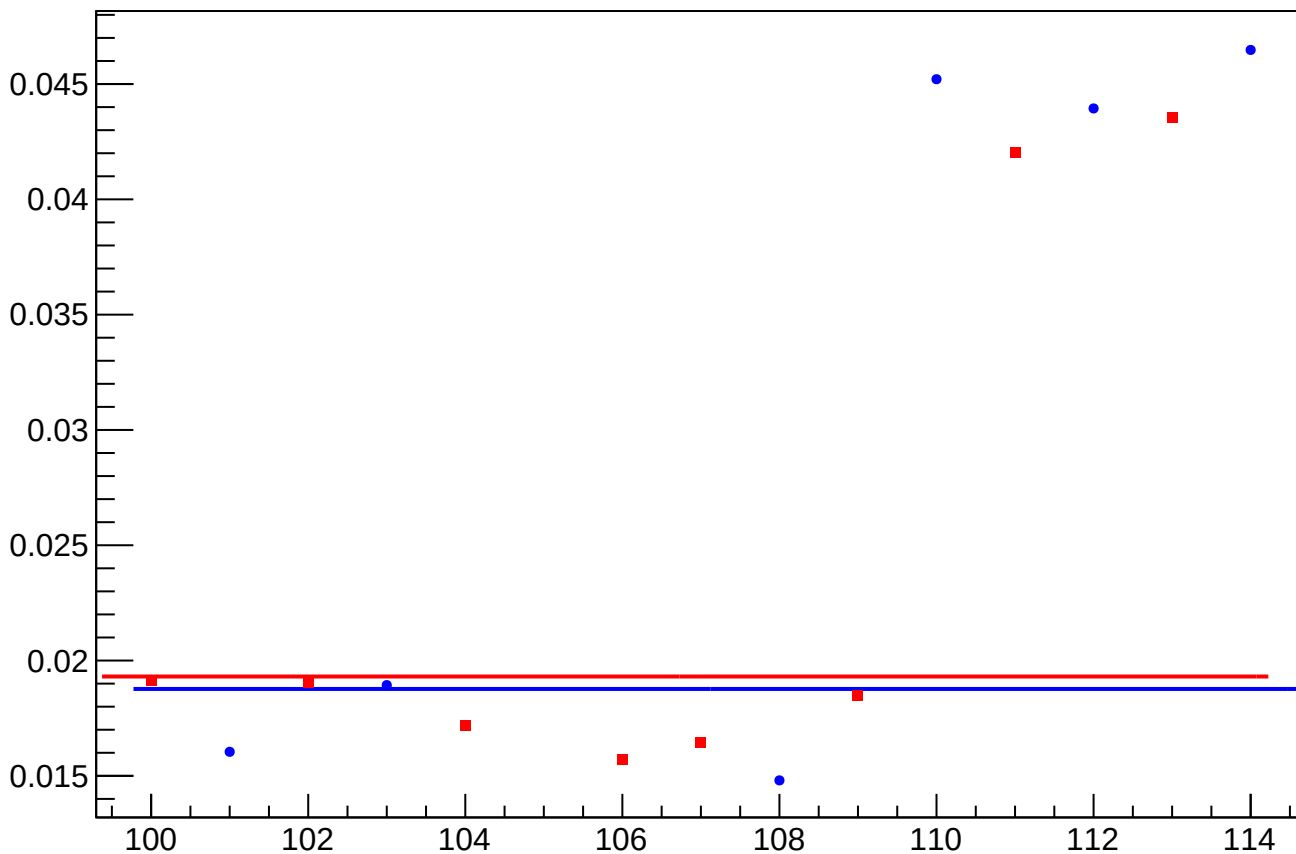
Right: 1.473+/-0.000 χ^2/NDF : 98851084.8/13

In: 1.489+/-0.000 χ^2/NDF : 21815747.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.473+/-0.000 χ^2/NDF : 98851084.8/13

yield_bpm4acY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

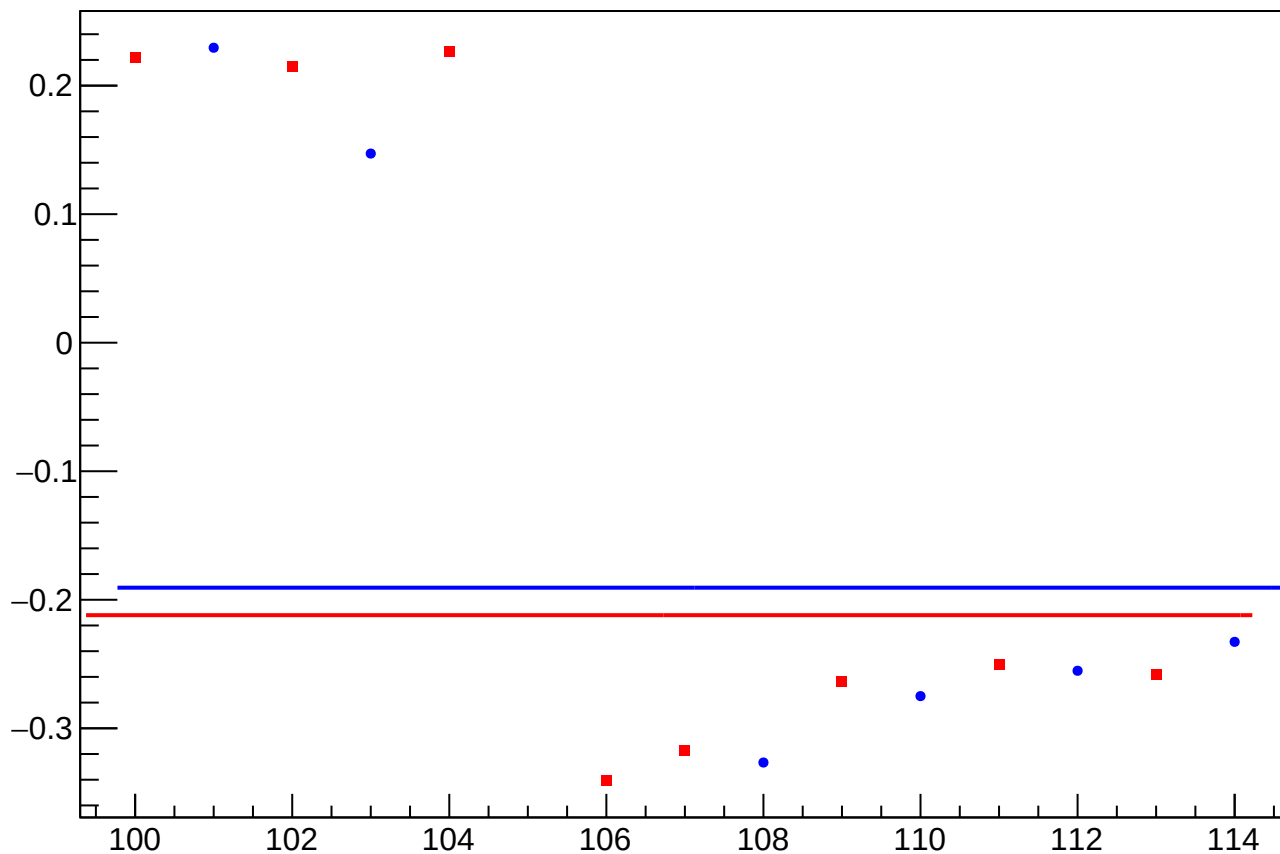
Right: 0.019+/-0.000 χ^2/NDF : 1269338.5/13

In: 0.019+/-0.000 χ^2/NDF : 689122.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1269338.5/13

yield_bpm4ecX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

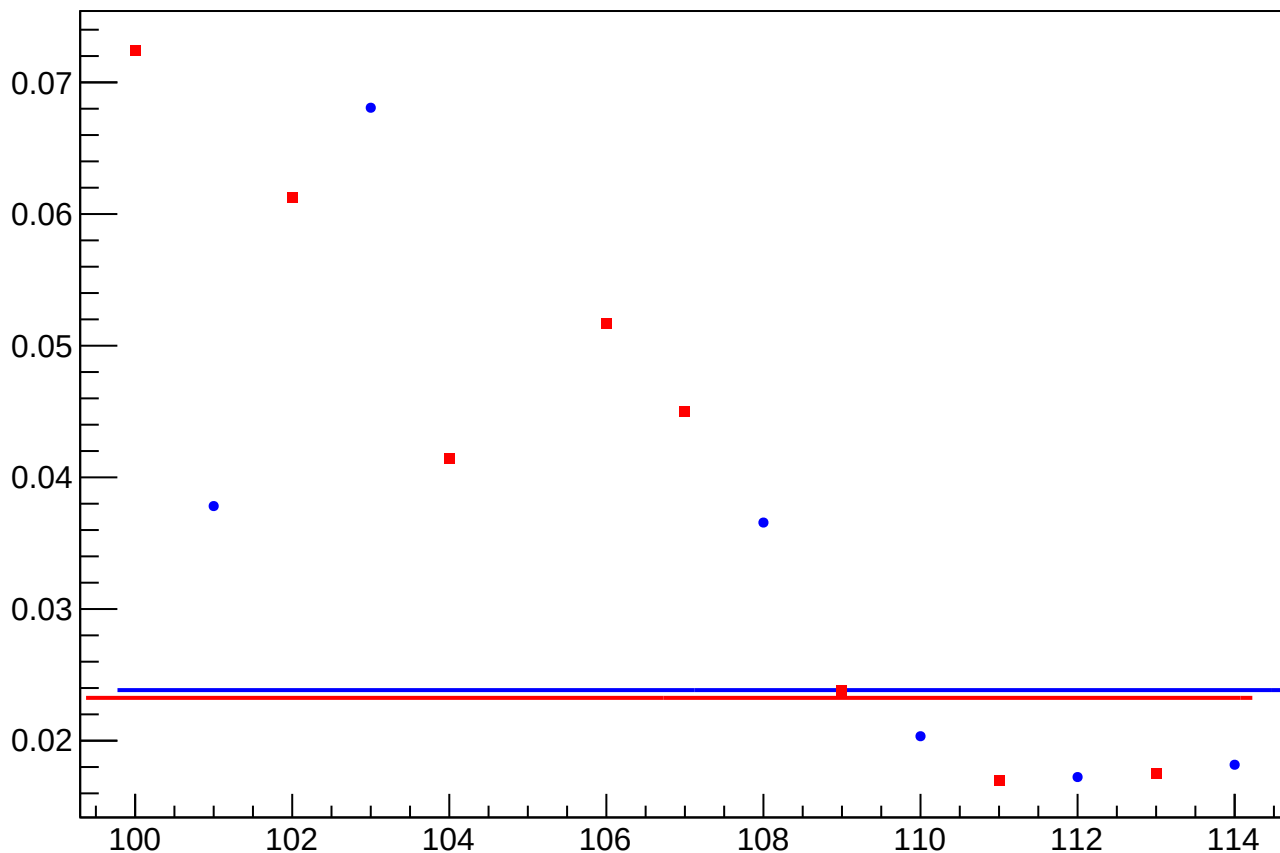
Right: -0.202+/-0.000 χ^2/NDF : 186249190.3/13

In: -0.191+/-0.000 χ^2/NDF :99055381.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.202+/-0.000 χ^2/NDF : 186249190.3/13

yield_bpm4ecX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

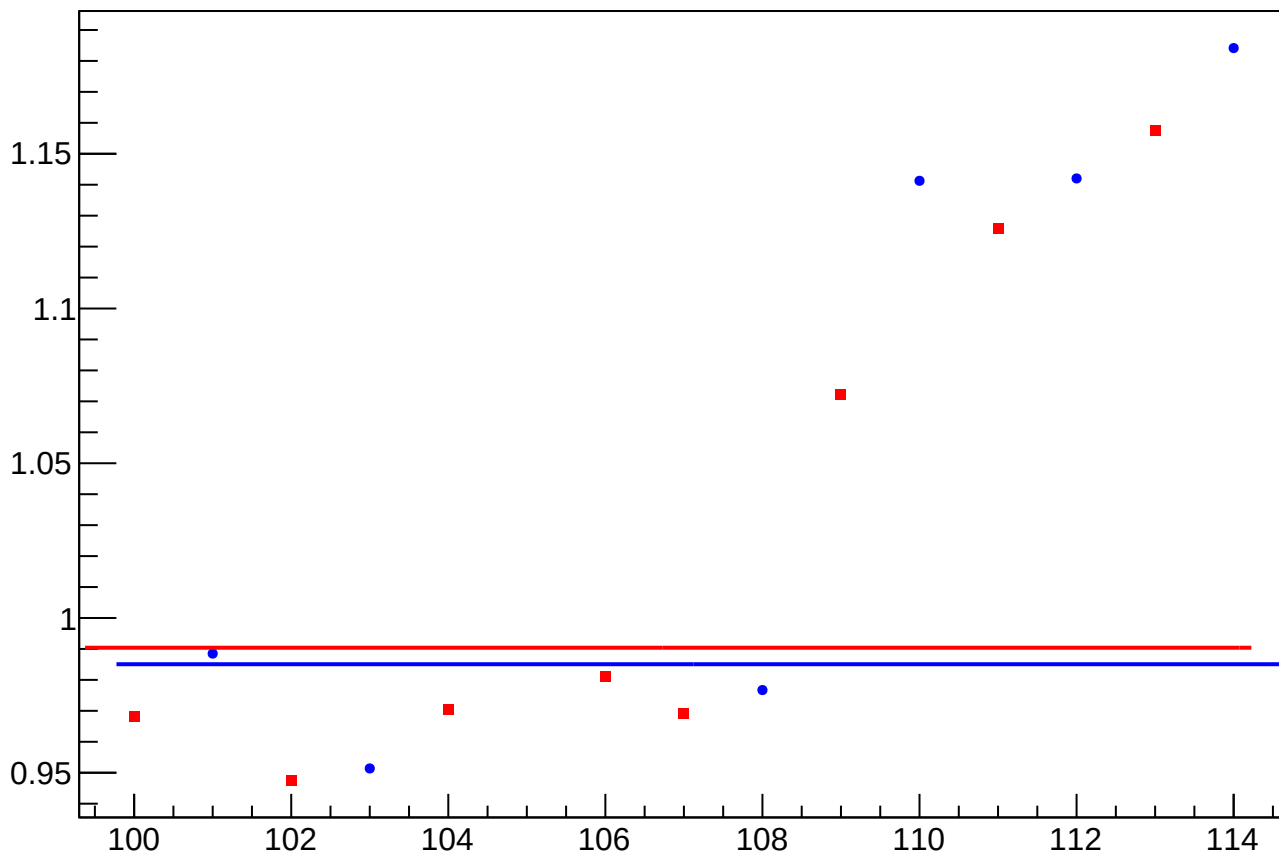
Right: 0.024+/-0.000 χ^2/NDF : 1978774.8/13

In: 0.024+/-0.000 χ^2/NDF : 878910.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1978774.8/13

yield_bpm4ecY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

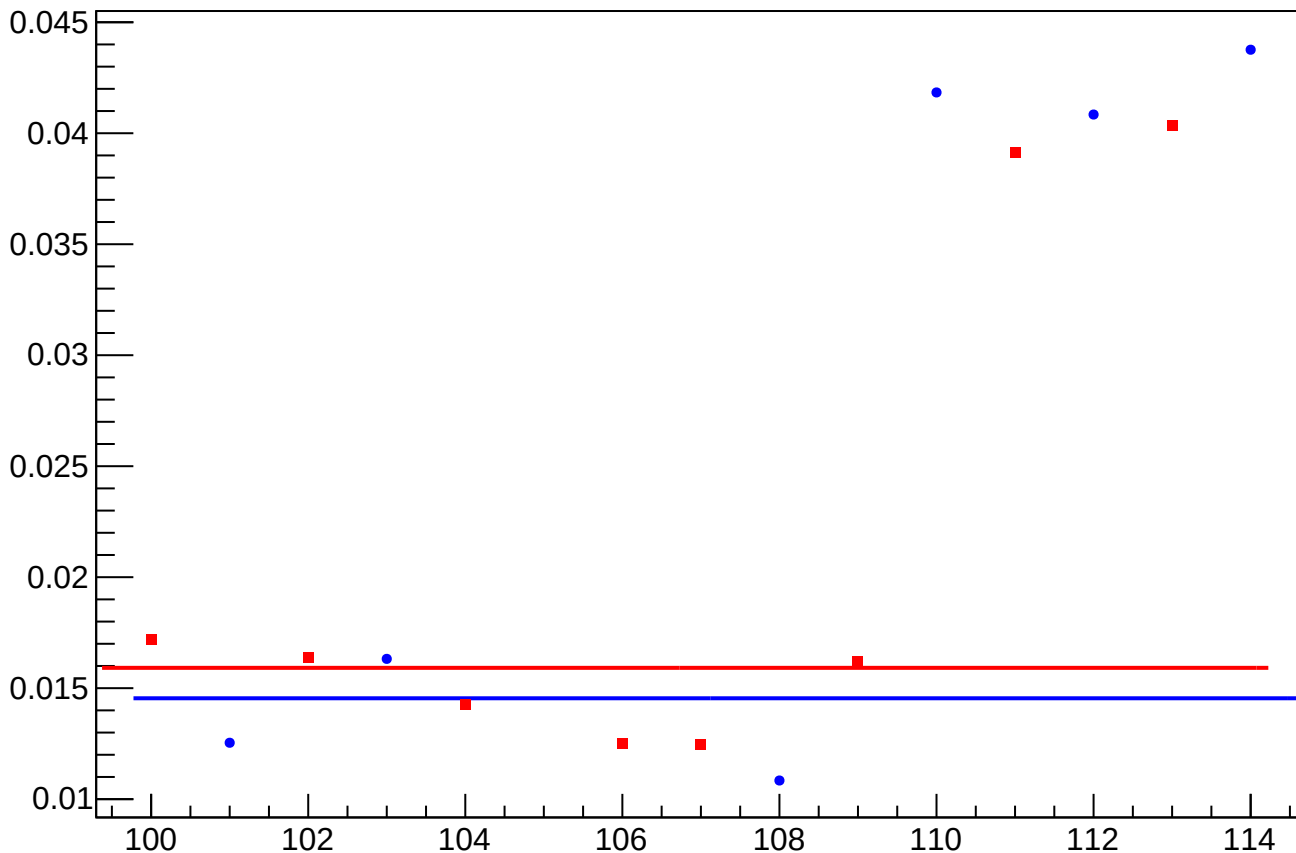
Right: 0.988+/-0.000 χ^2/NDF : 44376964.6/13

In: 0.985+/-0.000 χ^2/NDF : 16333793.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.988+/-0.000 χ^2/NDF : 44376964.6/13

yield_bpm4ecY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

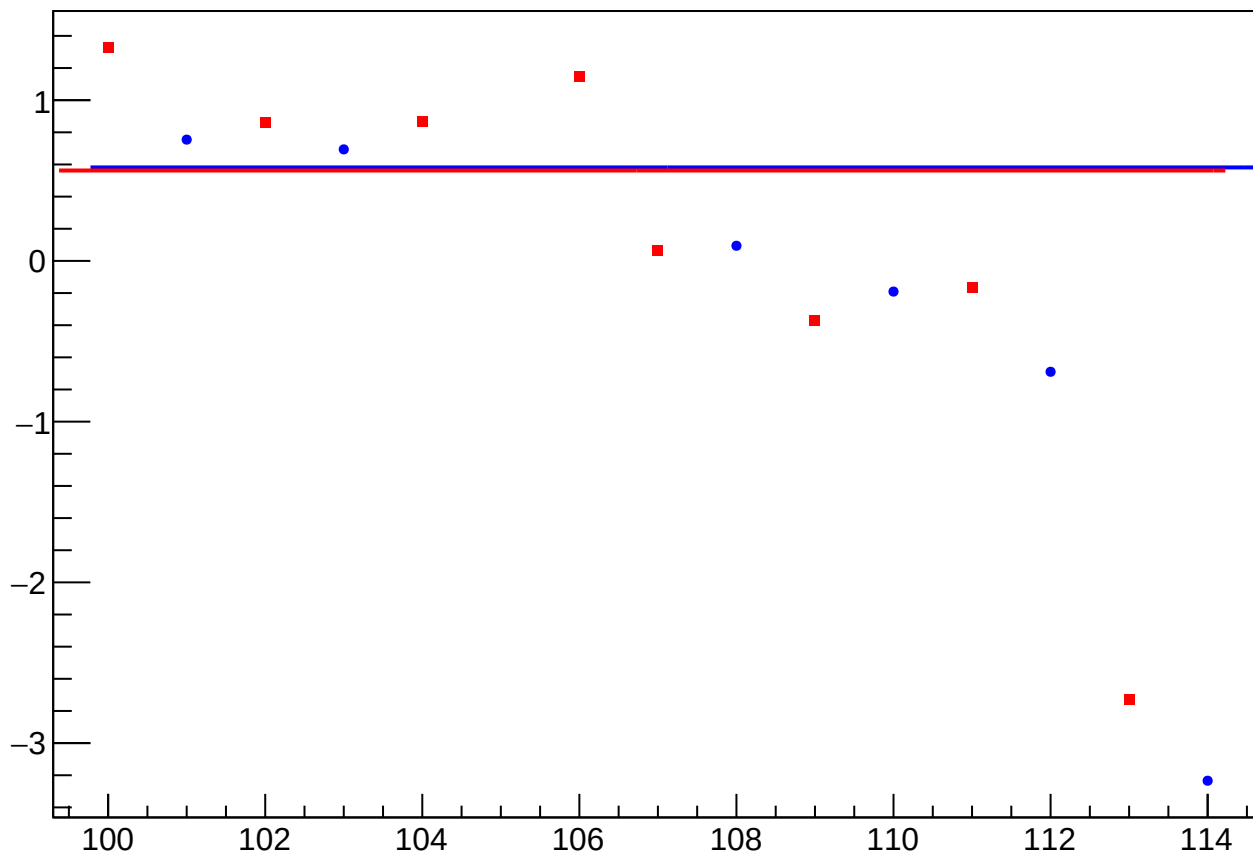
Right: 0.015+/-0.000 χ^2/NDF : 1603330.8/13

In: 0.015+/-0.000 χ^2/NDF :878610.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1603330.8/13

yield_bpm1X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

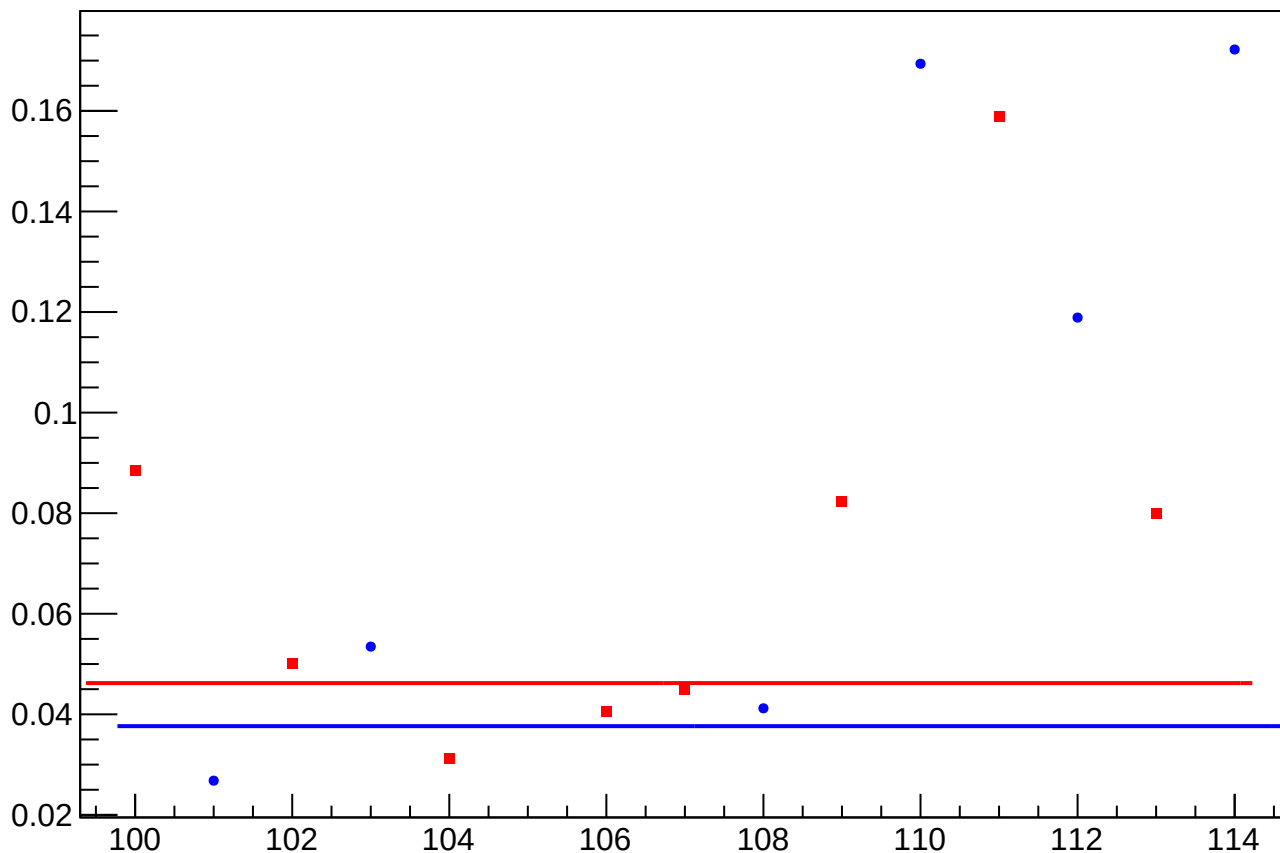
Right: 0.573+/-0.000 χ^2/NDF : 981310524.1/13

In: 0.582+/-0.000 χ^2/NDF : 181830277.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.573+/-0.000 χ^2/NDF : 981310524.1/13

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 1252350.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.046+/-0.000 χ^2/NDF : 950228.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

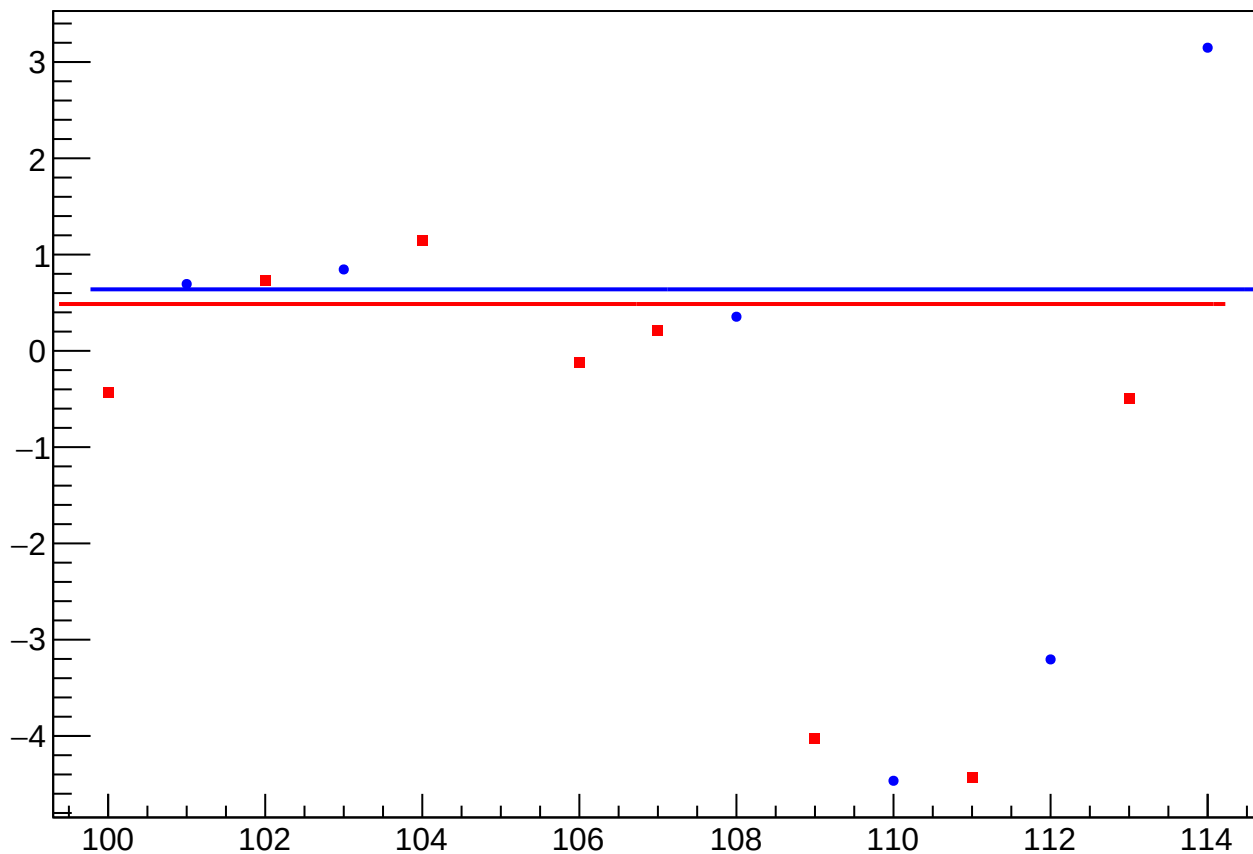
Right: 0.042+/-0.000 χ^2/NDF : 2282321.1/13

In: 0.038+/-0.000 χ^2/NDF : 1252350.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 2282321.1/13

yield_bpm1Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

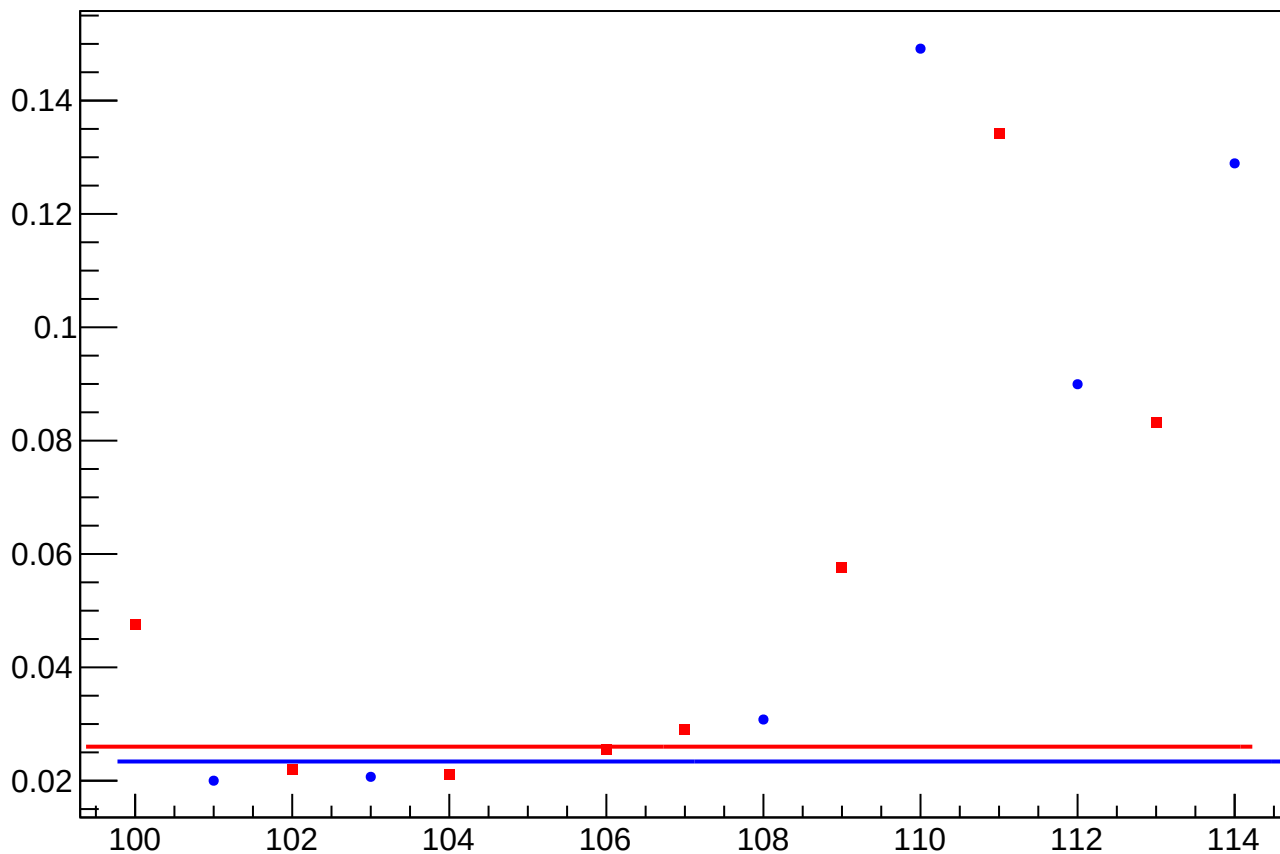
Right: 0.563+/-0.000 χ^2/NDF : 4964287473.2/13

In: 0.639+/-0.000 χ^2/NDF : 1283305383.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.563+/-0.000 χ^2/NDF : 4964287473.2/13

yield_bpm1Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

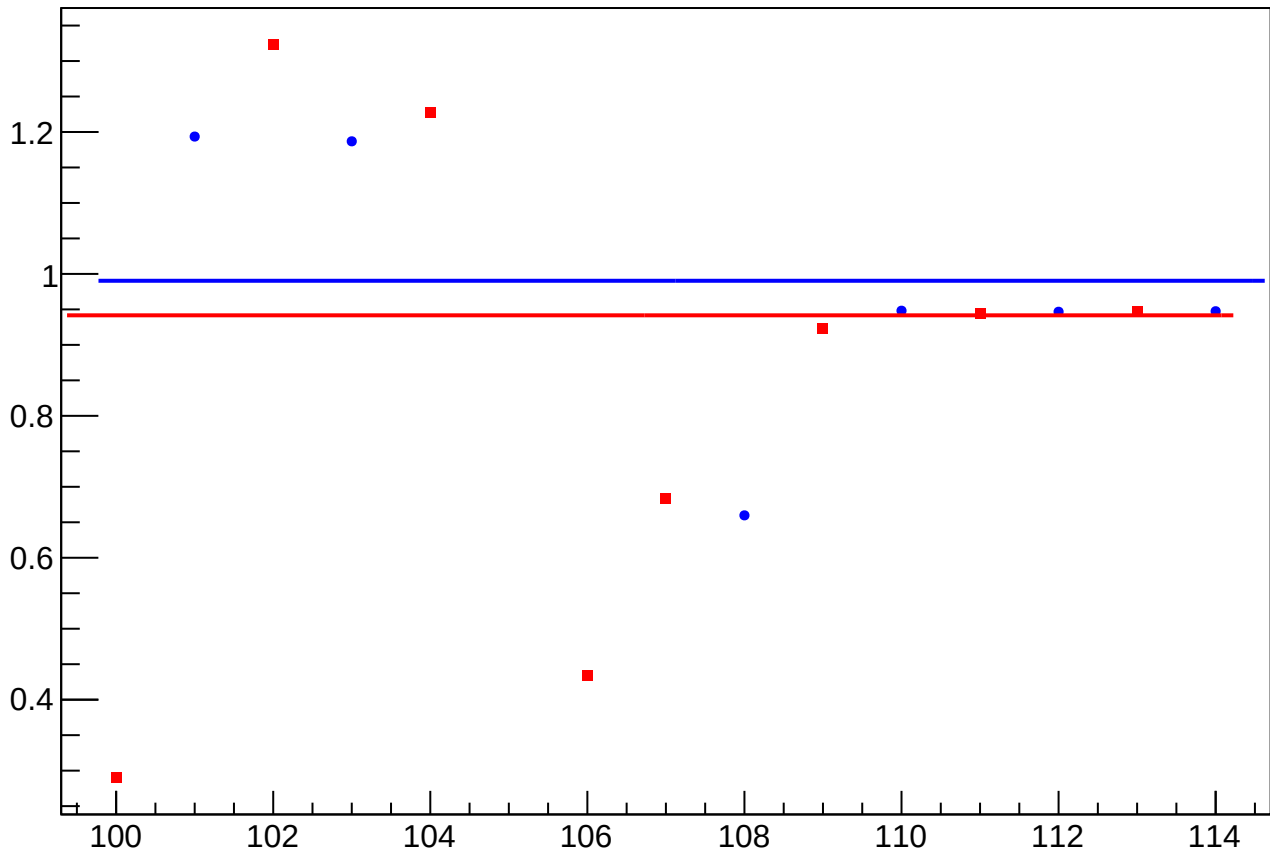
Right: 0.025+/-0.000 χ^2/NDF : 2487644.0/13

In: 0.023+/-0.000 χ^2/NDF : 1192950.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2487644.0/13

yield_bpm11X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

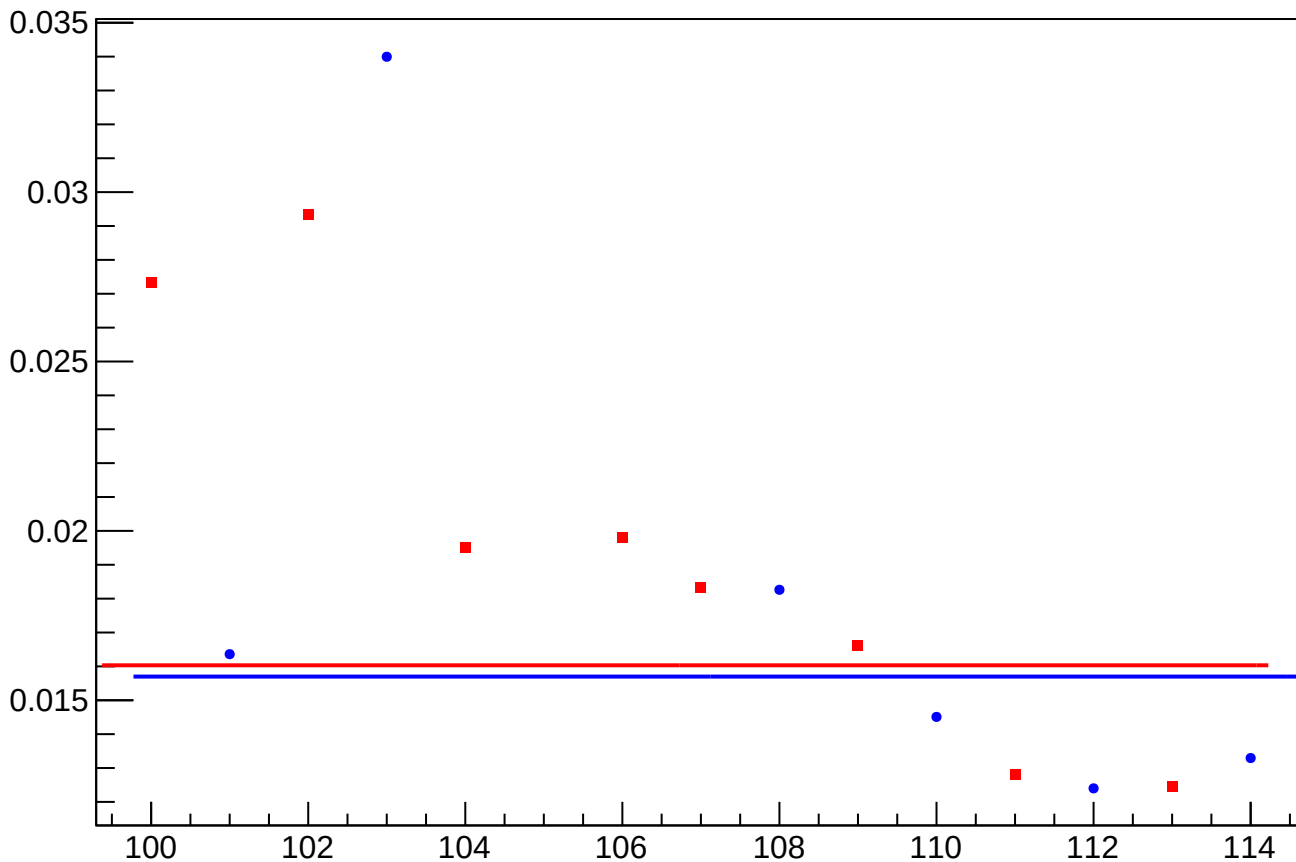
Right: 0.964+/-0.000 χ^2/NDF : 674474019.1/13

In: 0.990+/-0.000 χ^2/NDF : 222972389.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.964+/-0.000 χ^2/NDF : 674474019.1/13

yield_bpm11X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

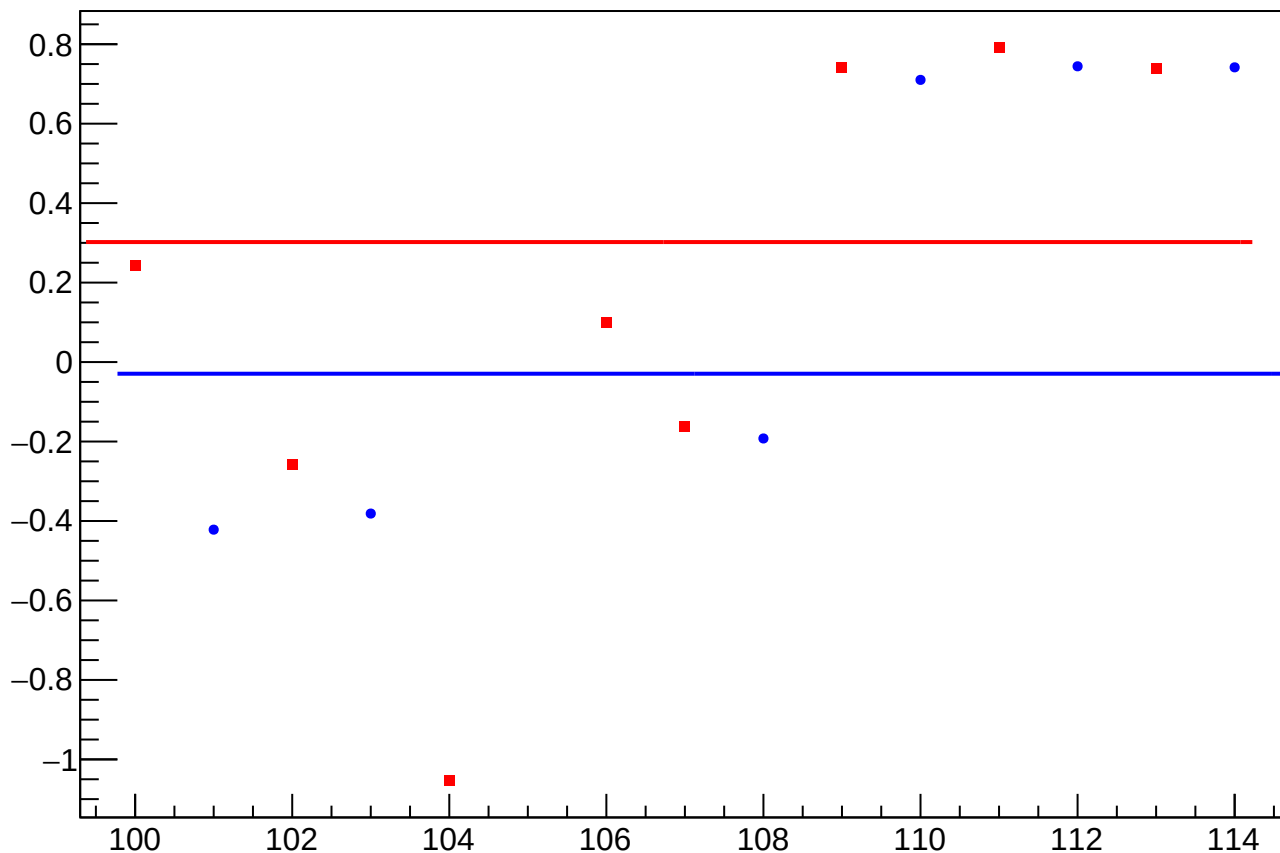
Right: 0.016+/-0.000 χ^2/NDF : 849004.4/13

In: 0.016+/-0.000 χ^2/NDF : 416074.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 849004.4/13

yield_bpm11Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.197+/-0.000

χ^2/NDF : 8209534237.9/13

In: -0.029+/-0.000

χ^2/NDF : 1782626622.5/5

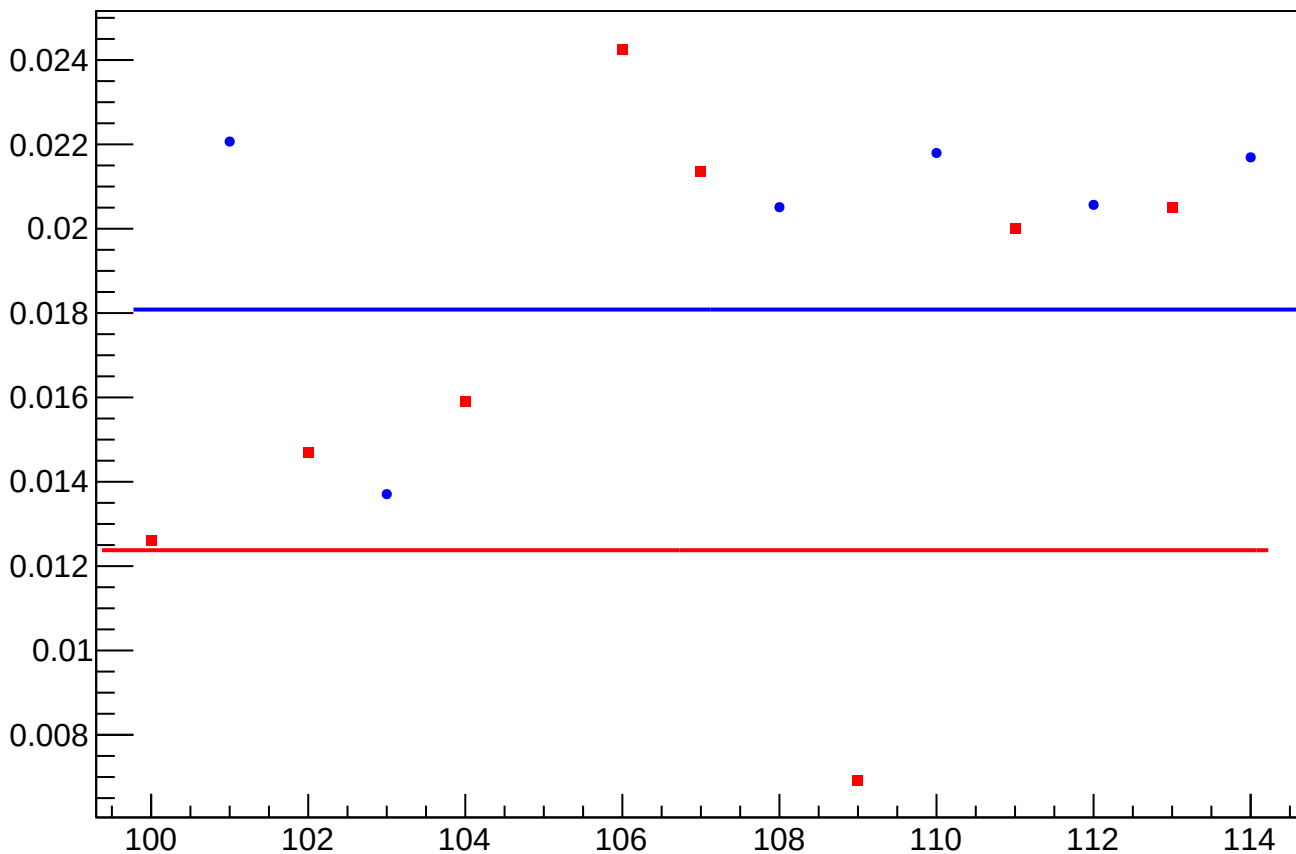
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.197+/-0.000

χ^2/NDF : 8209534237.9/13

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 197836.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 950908.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

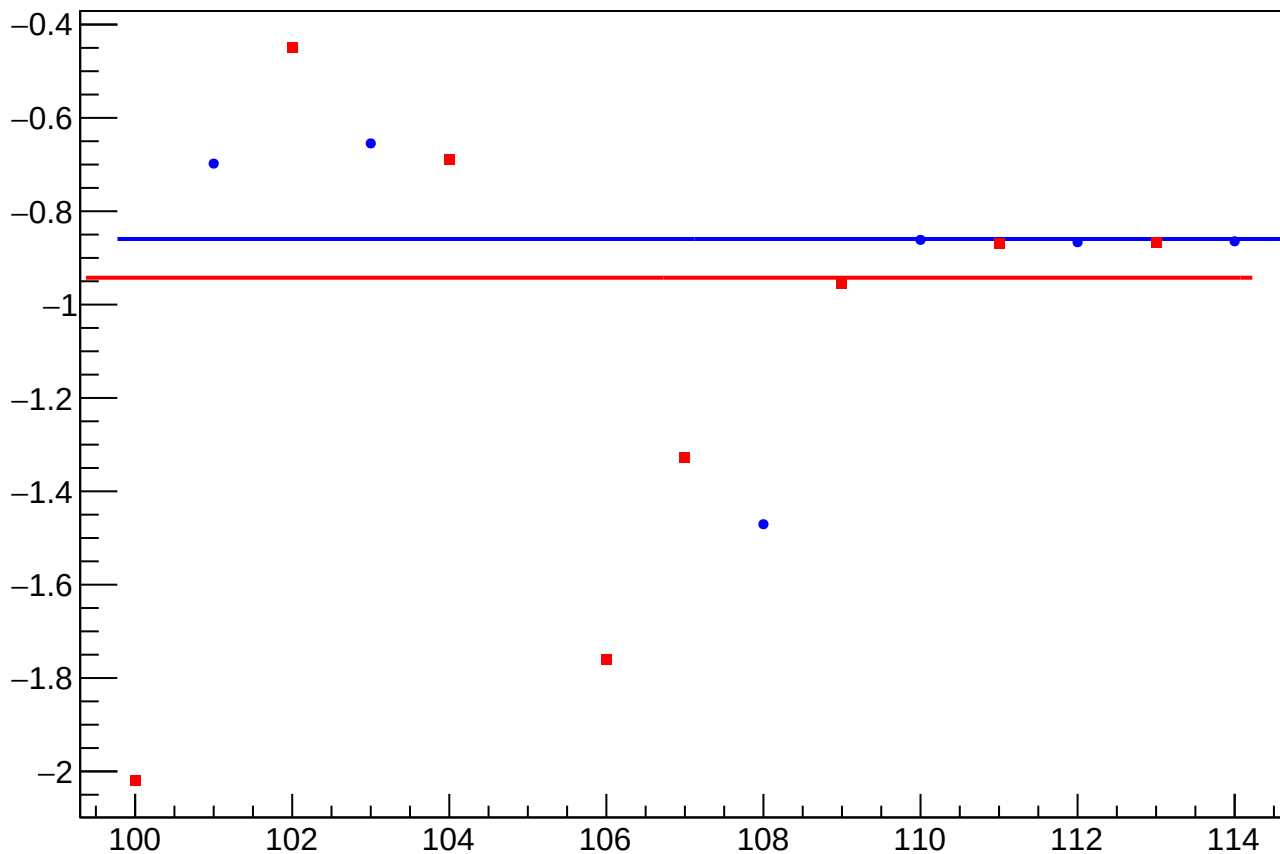
Right: 0.014+/-0.000 χ^2/NDF : 1454686.4/13

In: 0.018+/-0.000 χ^2/NDF : 197836.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1454686.4/13

yield_bpm12X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

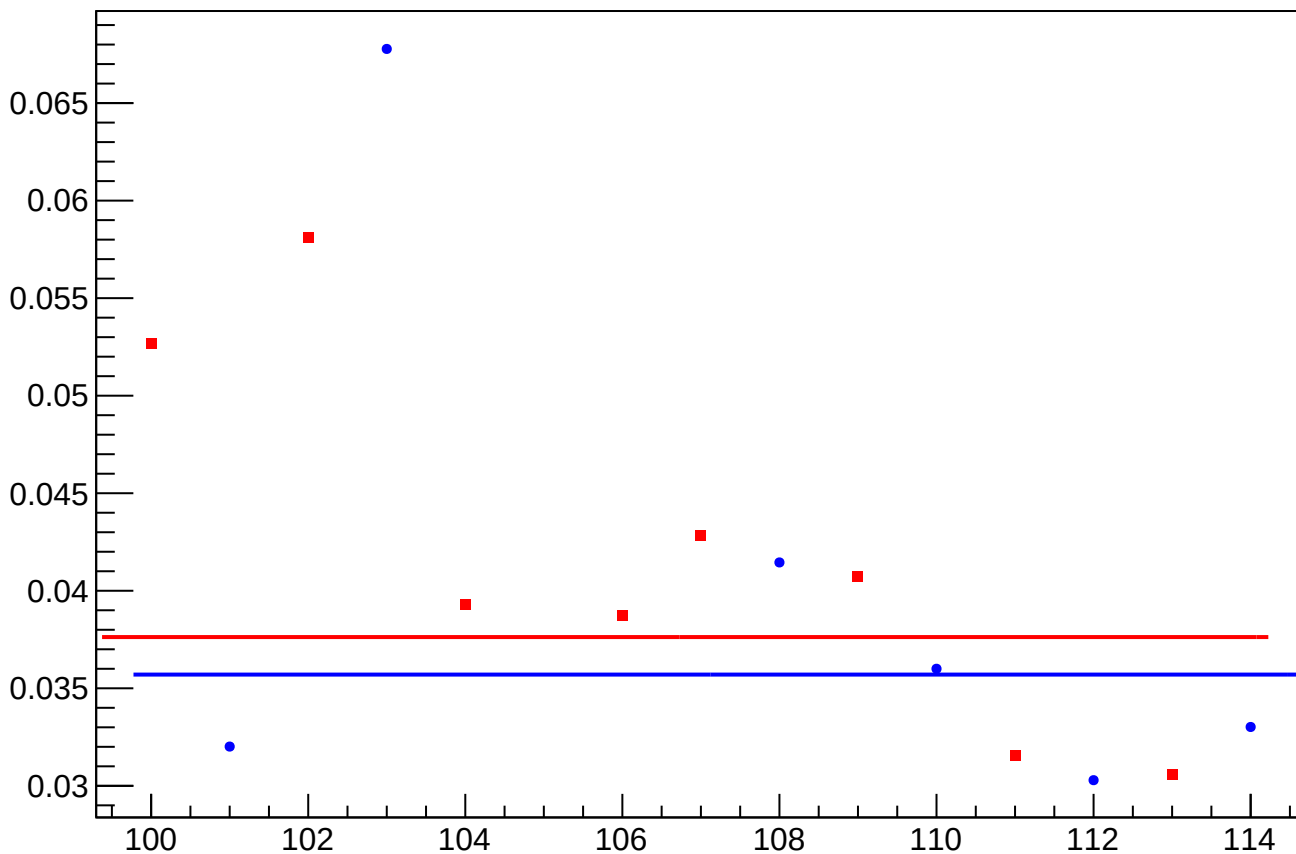
Right: -0.903+/-0.000 χ^2/NDF : 319865144.1/13

In: -0.859+/-0.000 χ^2/NDF :89919006.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.903+/-0.000 χ^2/NDF : 319865144.1/13

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 306296.1/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.038+/-0.000 χ^2/NDF : 236877.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

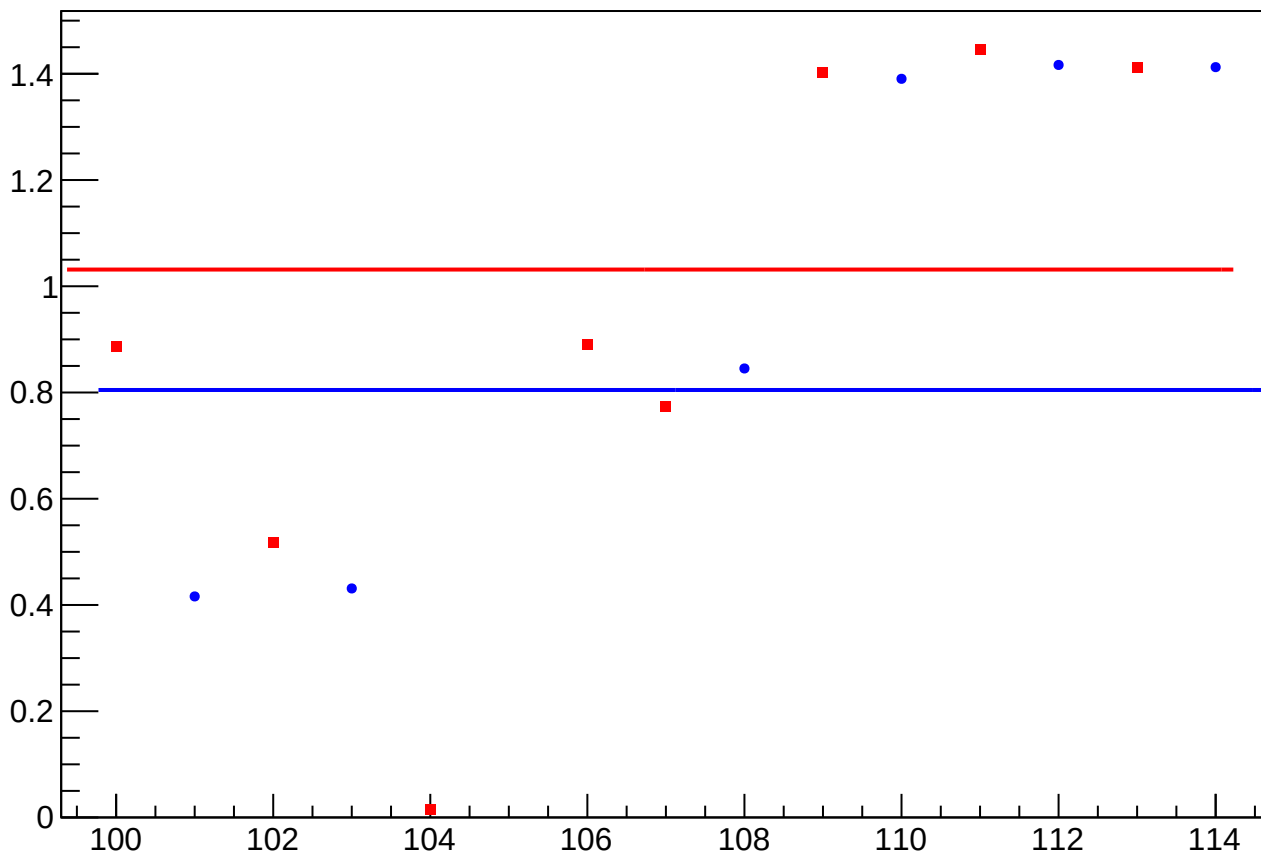
Right: 0.037+/-0.000 χ^2/NDF : 549803.3/13

In: 0.036+/-0.000 χ^2/NDF :306296.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.000 χ^2/NDF : 549803.3/13

yield_bpm12Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

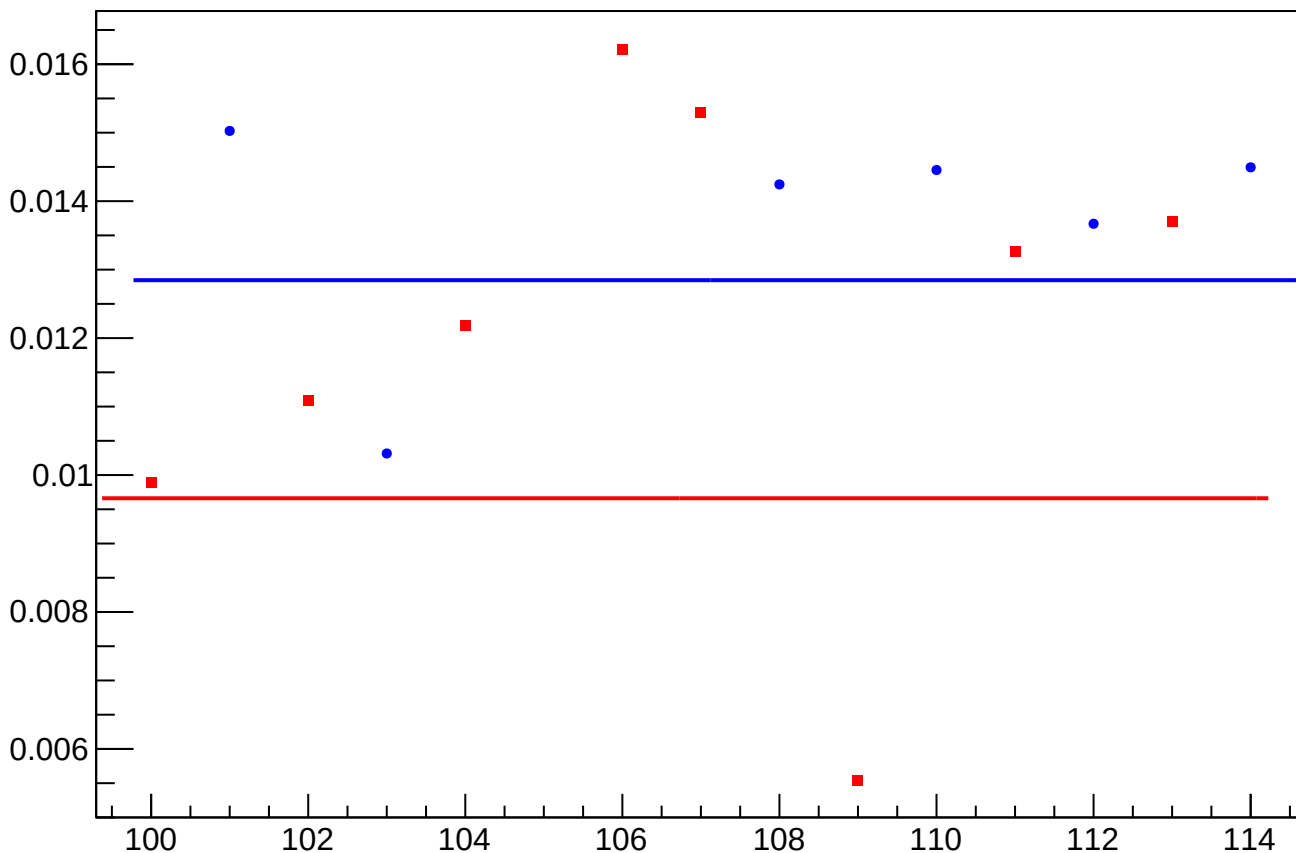
Right: 0.953+/-0.000 χ^2/NDF : 10063744719.4/13

In: 0.805+/-0.000 χ^2/NDF : 2846823657.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.953+/-0.000 χ^2/NDF : 10063744719.4/13

yield_bpm12Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

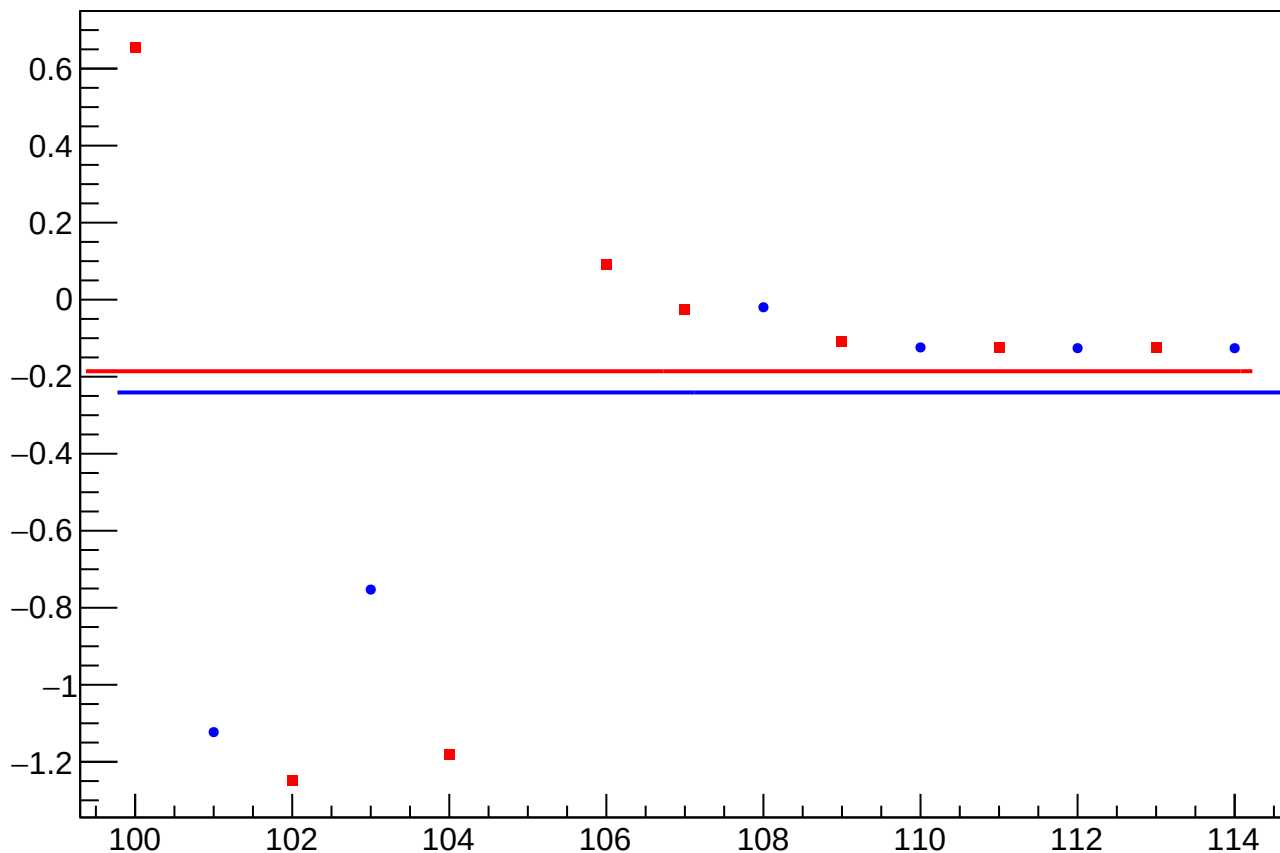
Right: 0.011+/-0.000 χ^2/NDF : 994103.4/13

In: 0.013+/-0.000 χ^2/NDF : 110711.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 994103.4/13

yield_bpm16X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

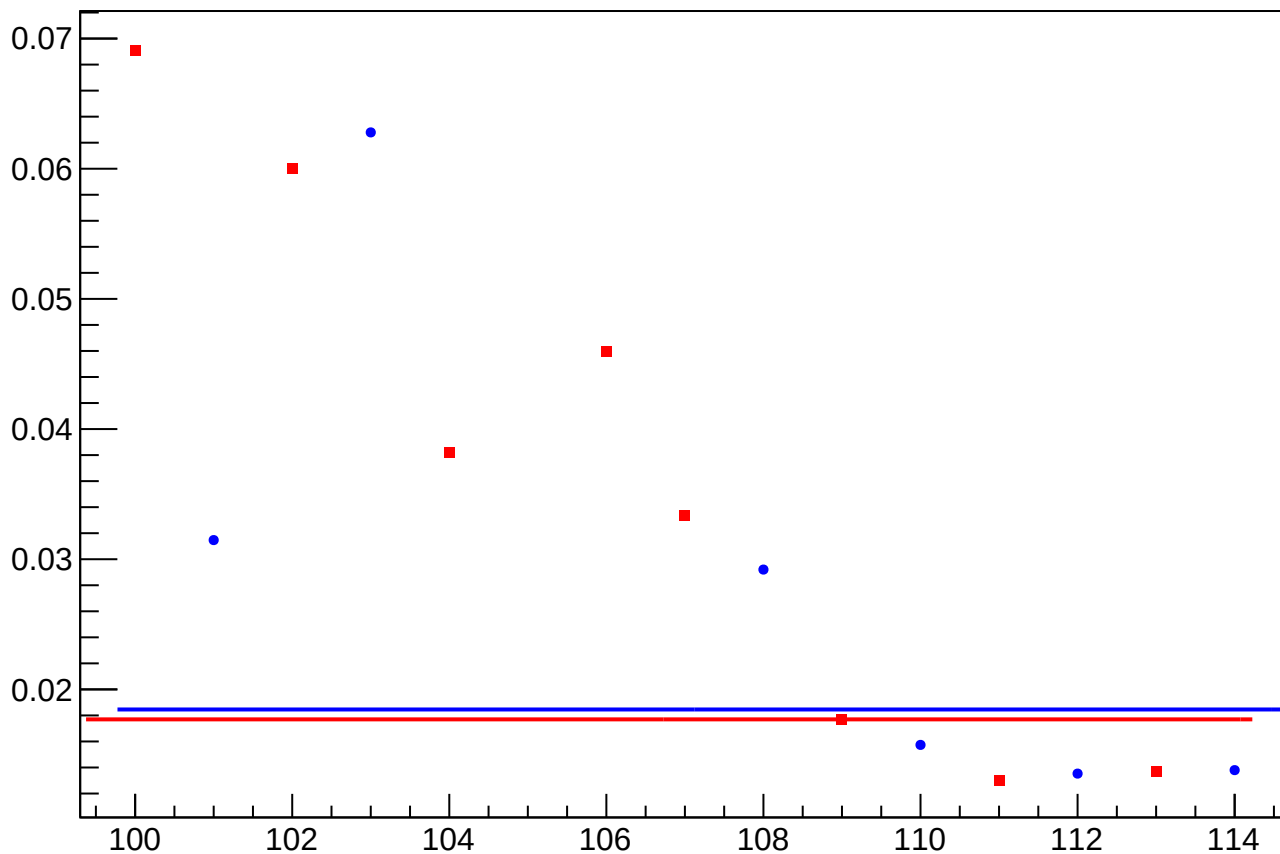
Right: -0.210+/-0.000 χ^2/NDF : 1039929526.7/13

In: -0.241+/-0.000 χ^2/NDF : 534670141.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.210+/-0.000 χ^2/NDF : 1039929526.7/13

yield_bpm16X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

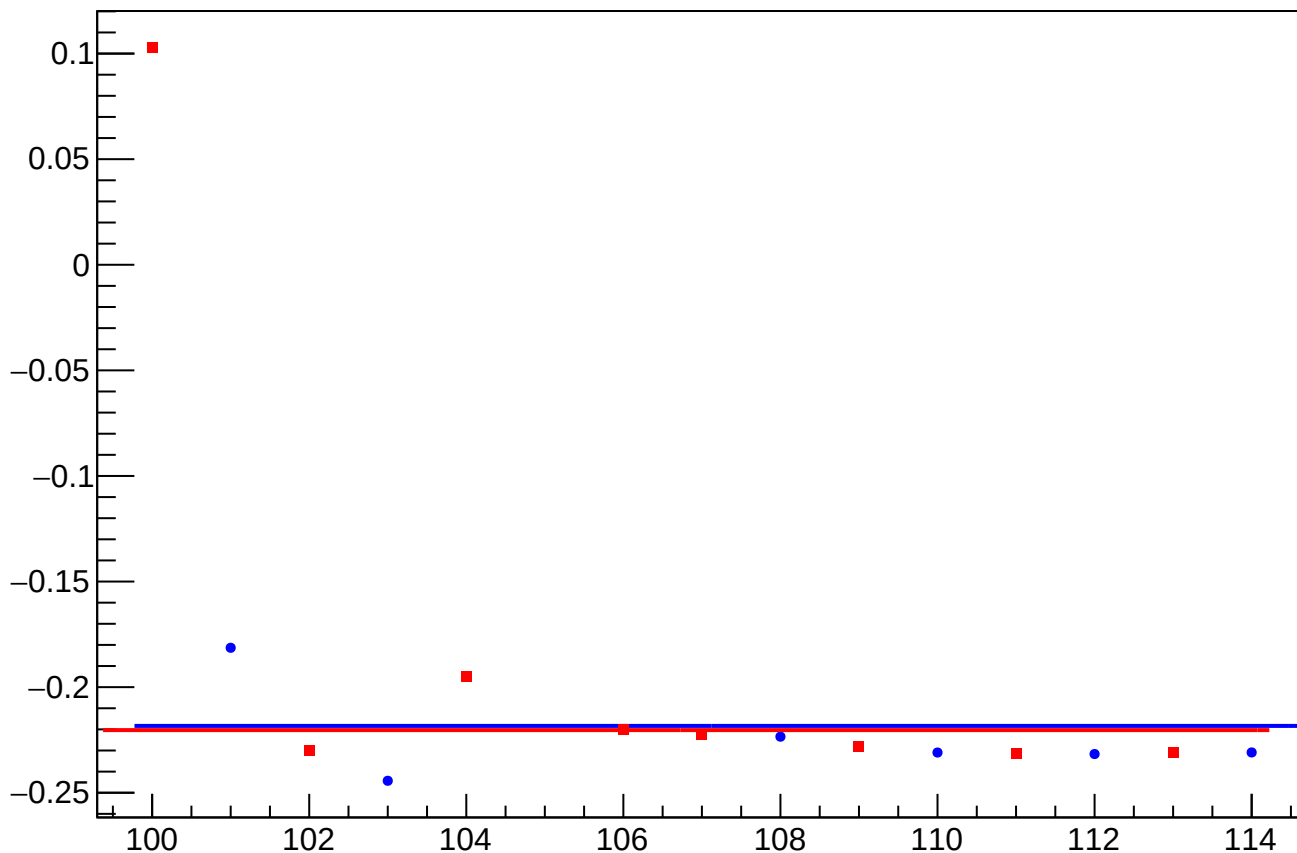
Right: 0.018+/-0.000 χ^2/NDF : 2269664.6/13

In: 0.018+/-0.000 χ^2/NDF : 964983.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 2269664.6/13

yield_bpm16Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

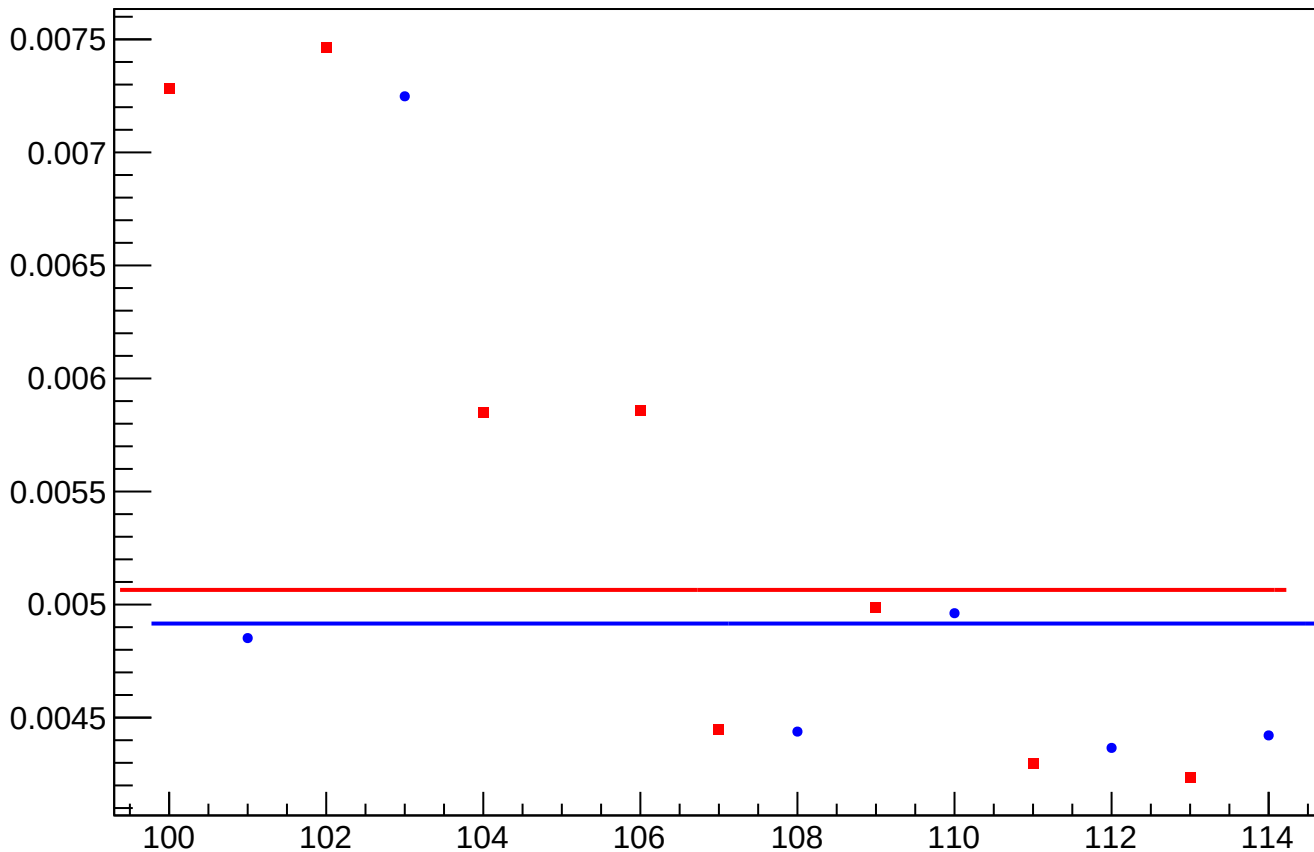
Right: -0.219+/-0.000 χ^2/NDF : 204281536.1/13

In: -0.218+/-0.000 χ^2/NDF : 48438516.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.219+/-0.000 χ^2/NDF : 204281536.1/13

yield_bpm16Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

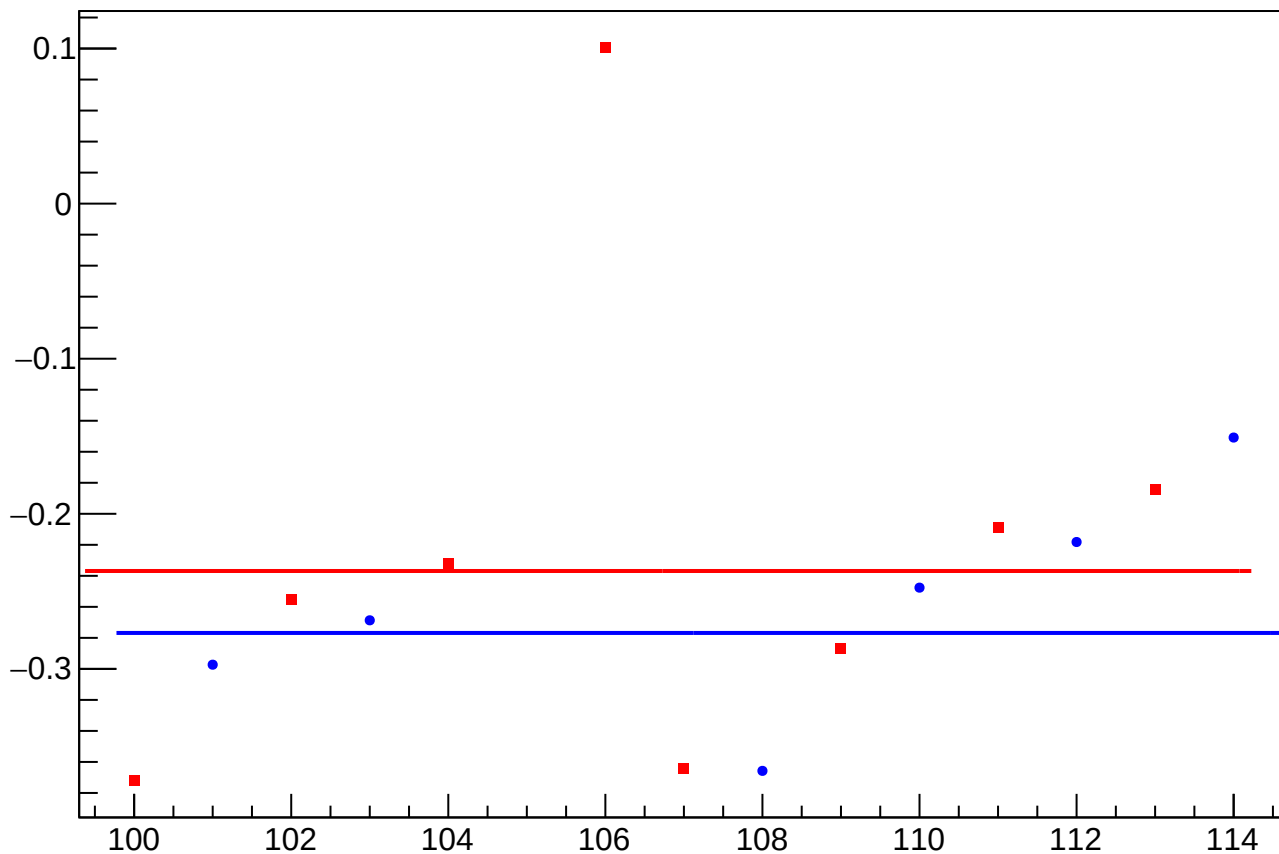
Right: 0.005+/-0.000 χ^2/NDF : 375178.3/13

In: 0.005+/-0.000 χ^2/NDF :141302.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 375178.3/13

yield_bpm0i02X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

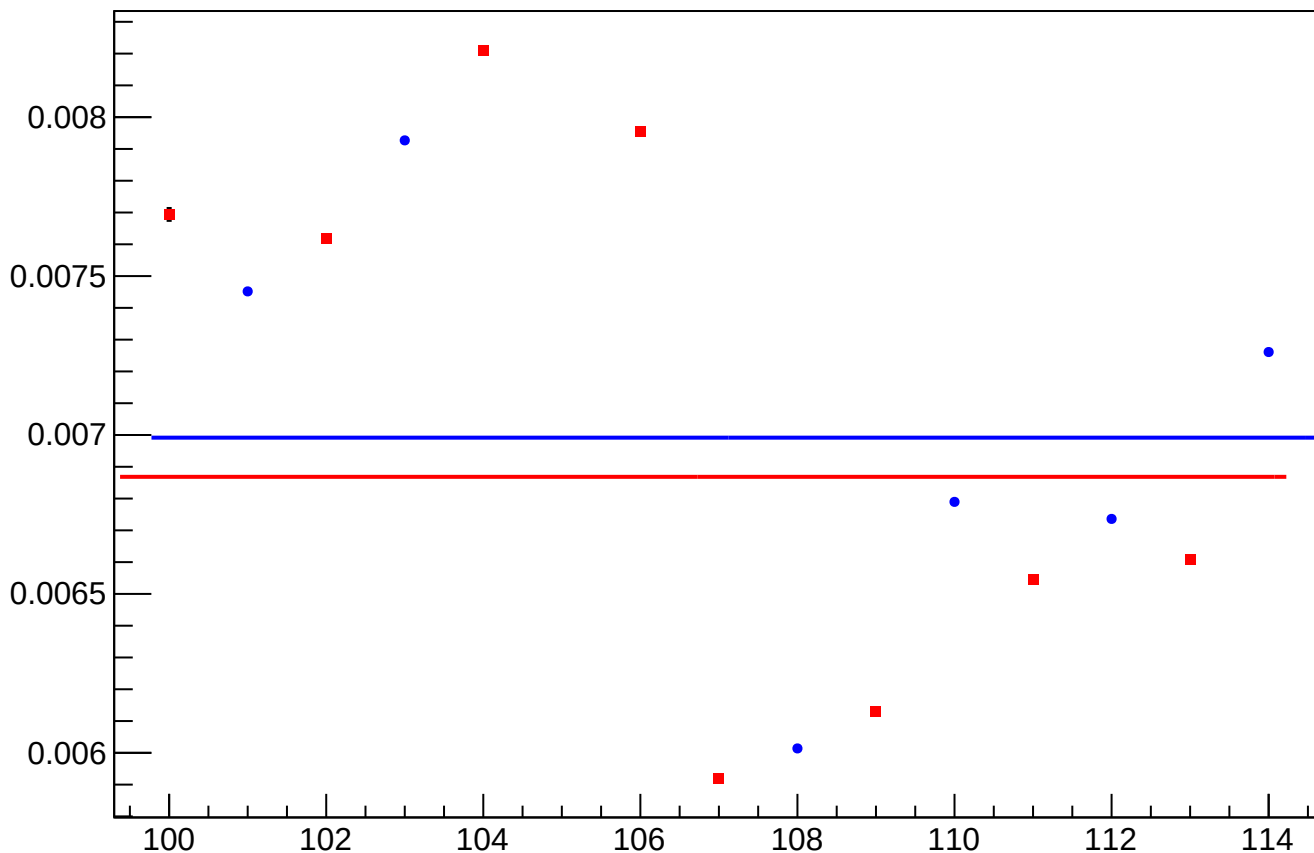
Right: -0.255+/-0.000 χ^2/NDF : 772010268.3/13

In: -0.277+/-0.000 χ^2/NDF :168550097.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.255+/-0.000 χ^2/NDF : 772010268.3/13

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 44536.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 79548.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

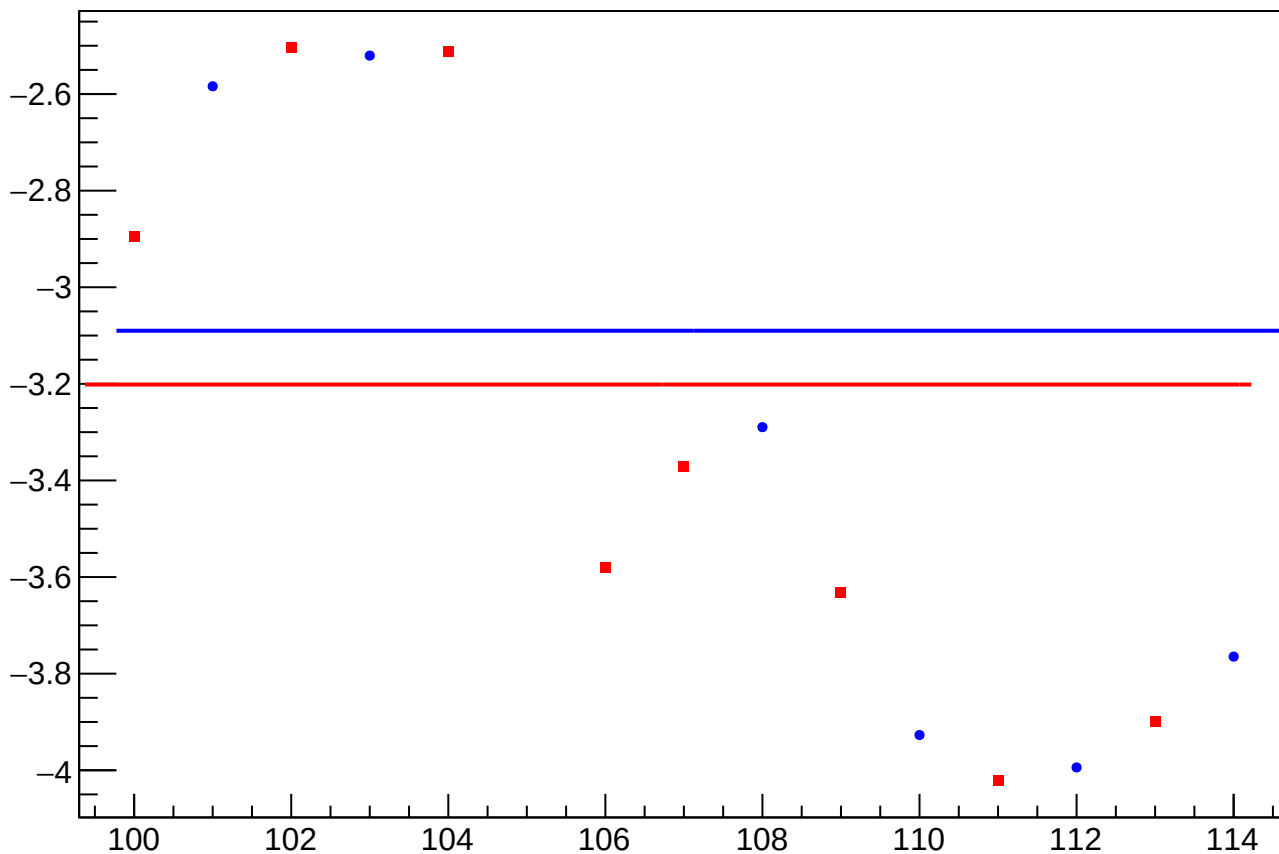
Right: 0.007+/-0.000 χ^2/NDF : 124965.9/13

In: 0.007+/-0.000 χ^2/NDF : 44536.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 124965.9/13

yield_bpm0i02Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

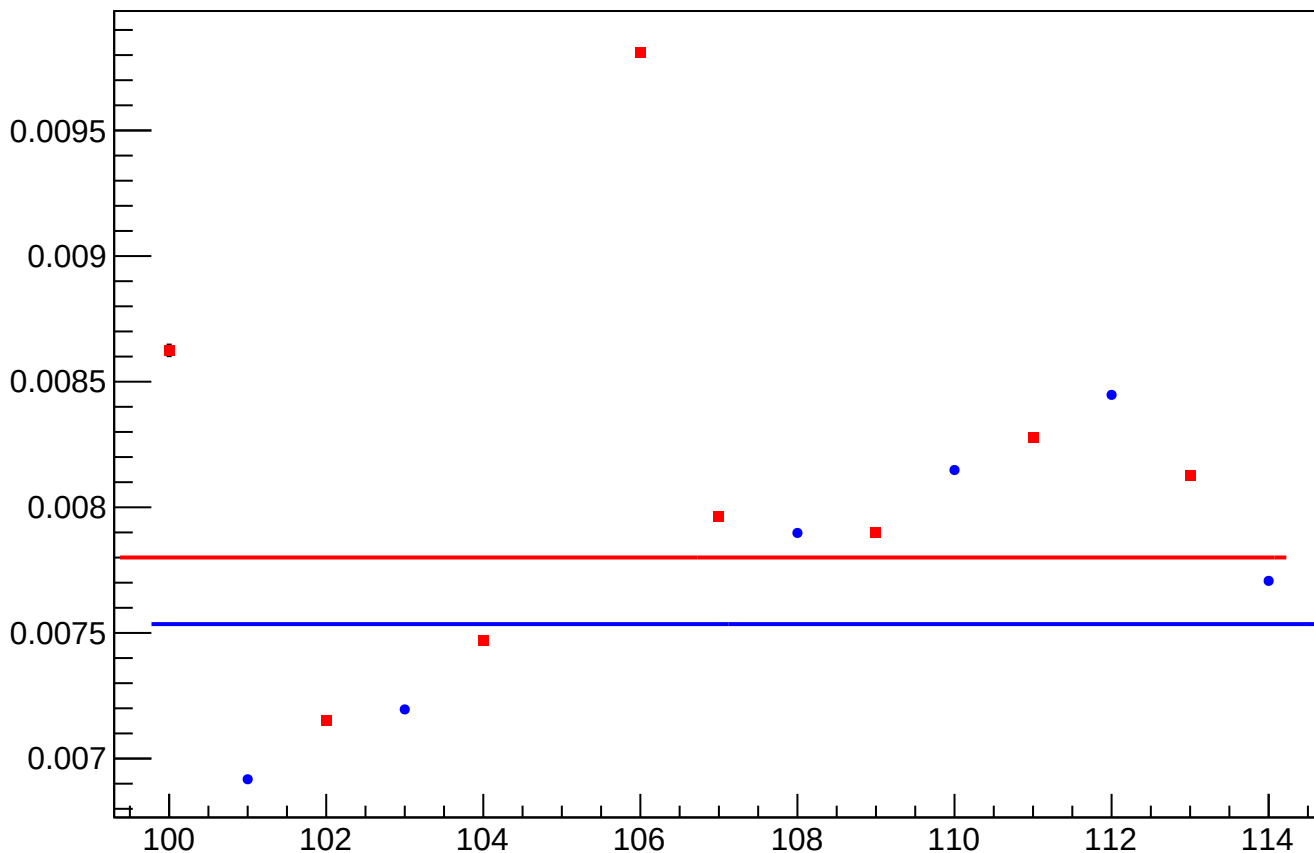
Right: -3.149+/-0.000 χ^2/NDF : 37808093723.7/13

In: -3.090+/-0.000 χ^2/NDF : 17479745052.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.149+/-0.000 χ^2/NDF : 37808093723.7/13

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 29780.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 31827.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

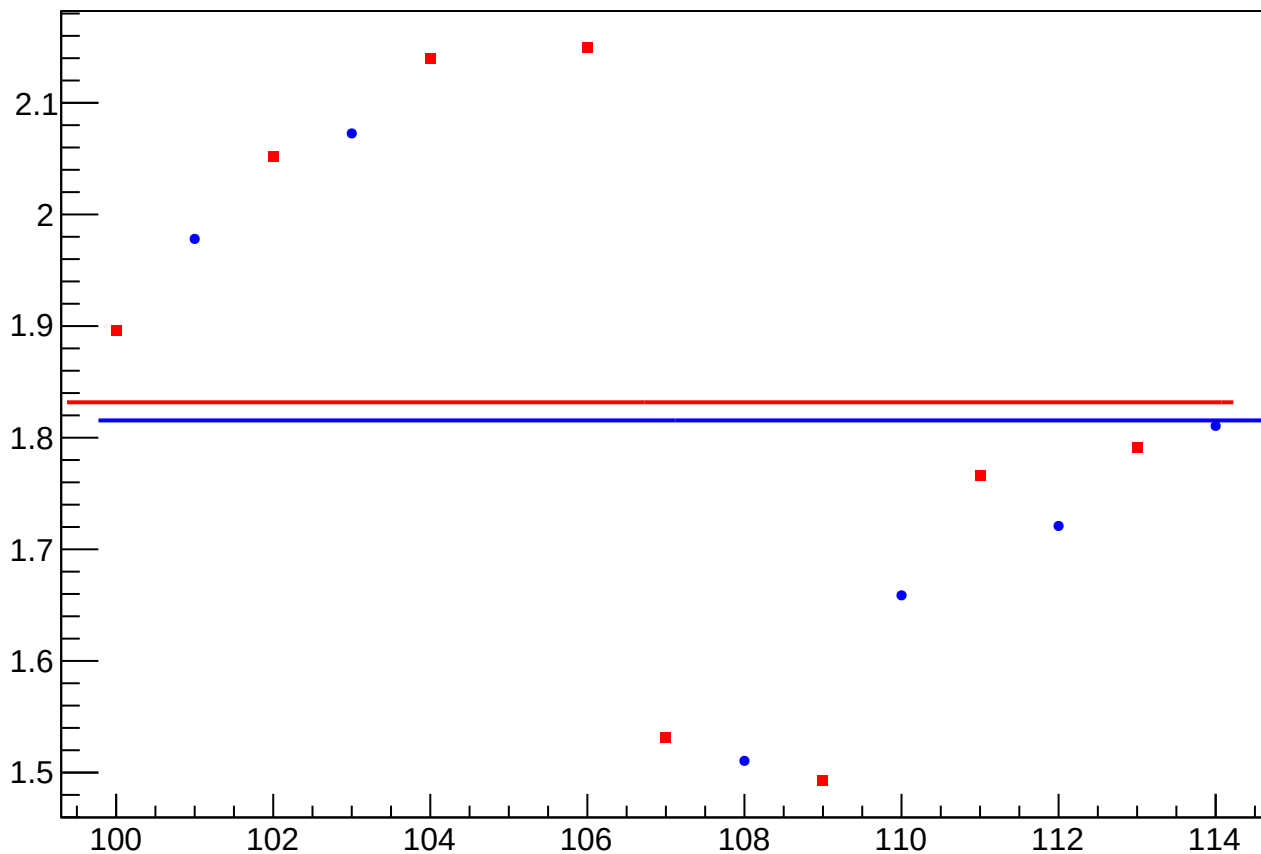
Right: 0.008+/-0.000 χ^2/NDF : 64915.0/13

In: 0.008+/-0.000 χ^2/NDF : 29780.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 64915.0/13

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.815 ± 0.000 χ^2/NDF : 673152611.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.832 ± 0.000 χ^2/NDF : 1142479048.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

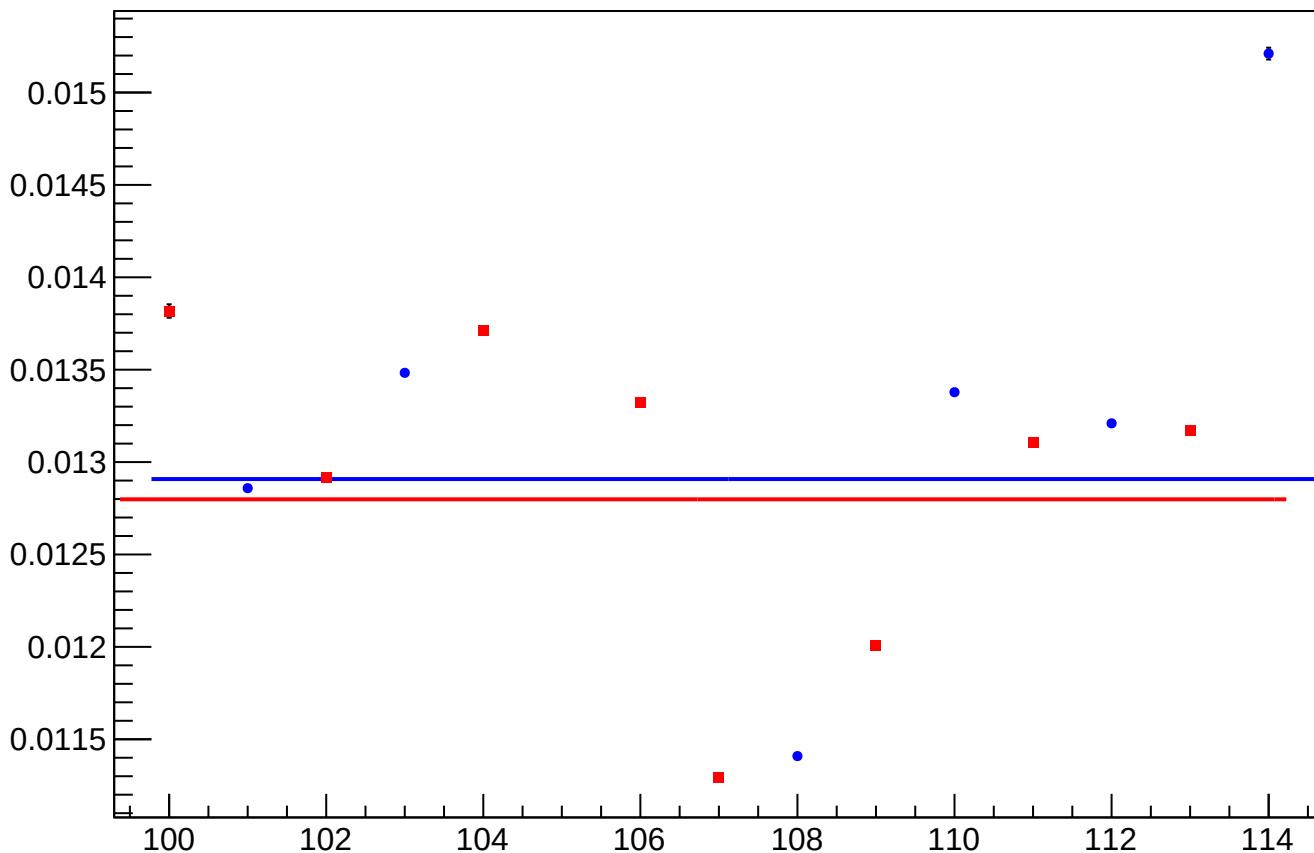
Right: 1.824 ± 0.000 χ^2/NDF : 1817851598.6/13

In: 1.815 ± 0.000 χ^2/NDF : 673152611.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.824 ± 0.000 χ^2/NDF : 1817851598.6/13

yield_bpm0i02aX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

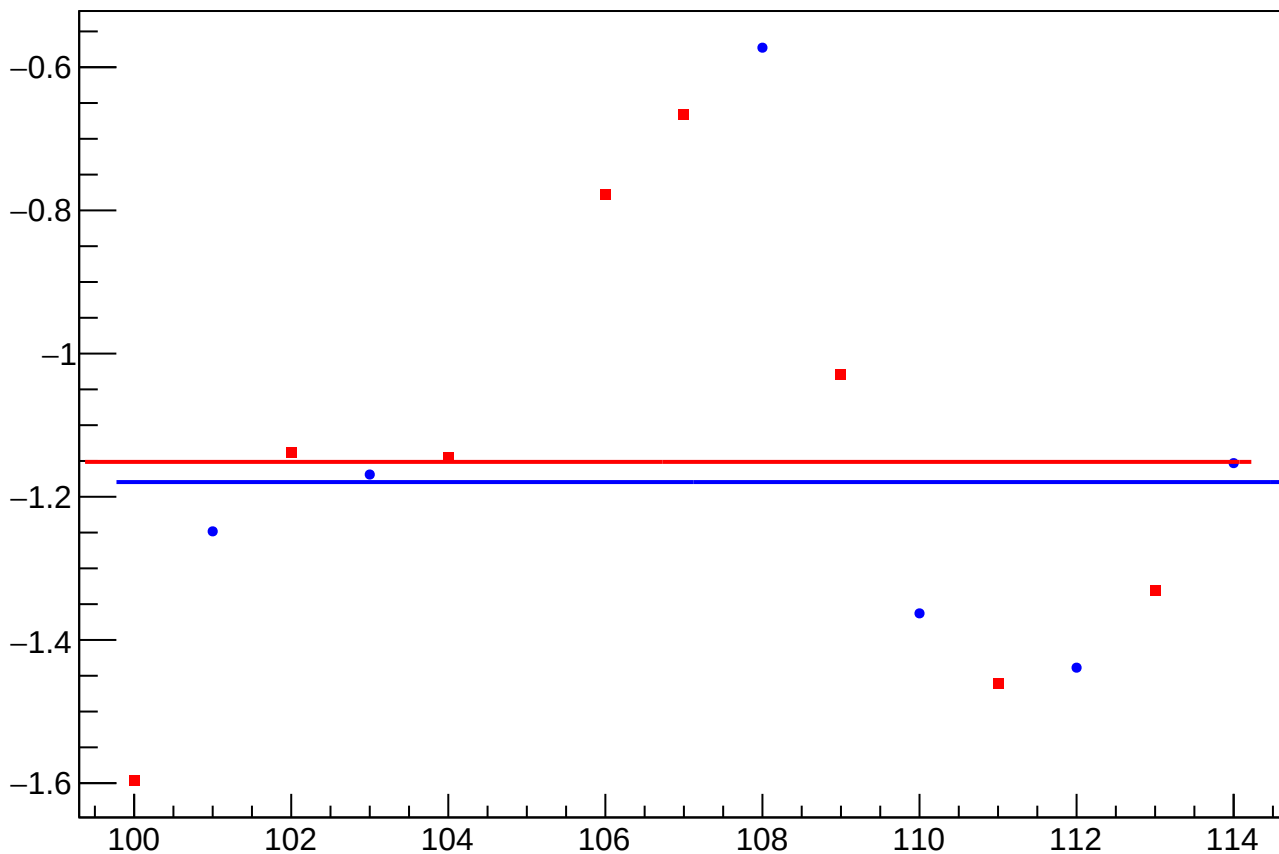
Right: 0.013+/-0.000 χ^2/NDF : 42673.4/13

In: 0.013+/-0.000 χ^2/NDF : 22274.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 42673.4/13

yield_bpm0i02aY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

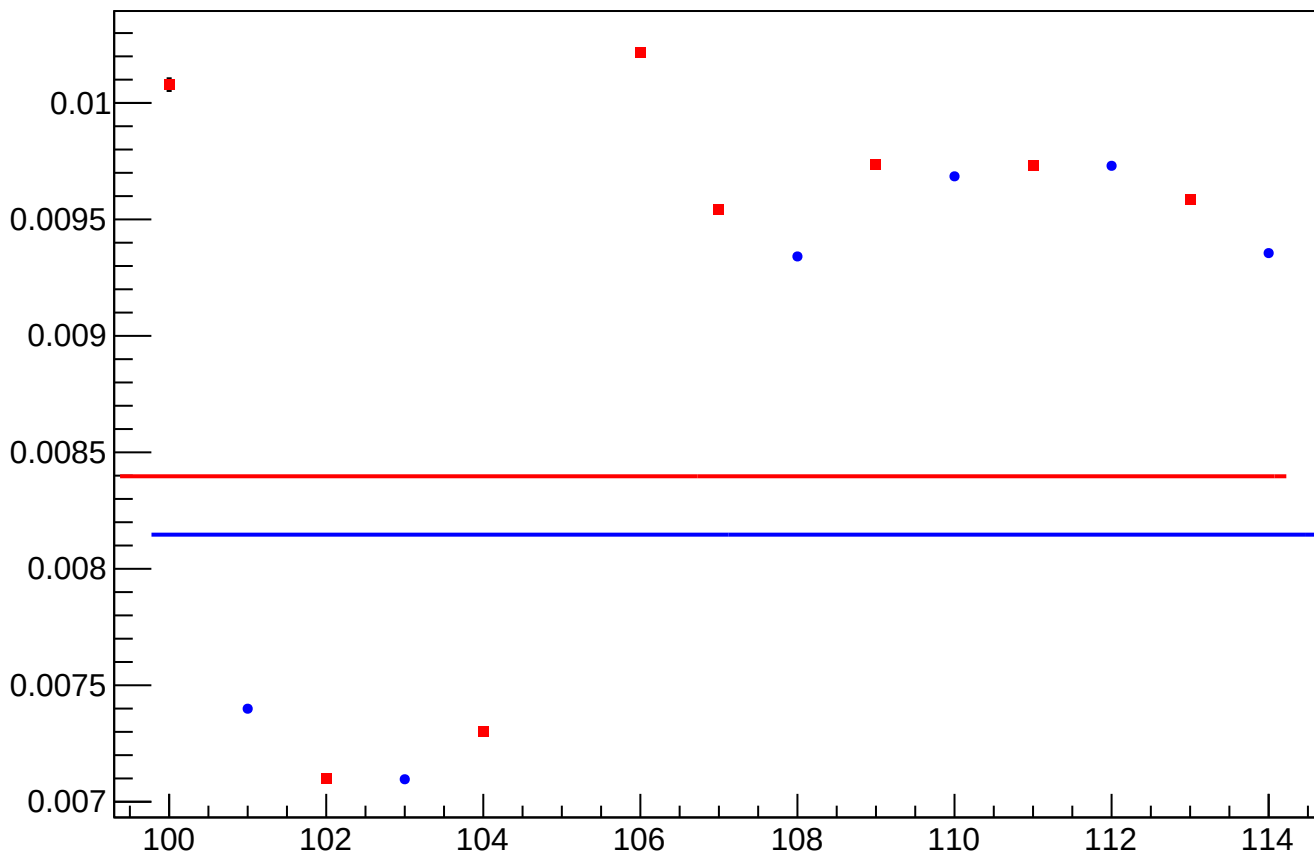
Right: -1.165+/-0.000 χ^2/NDF : 3732717556.0/13

In: -1.179+/-0.000 χ^2/NDF :2106511741.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.165+/-0.000 χ^2/NDF : 3732717556.0/13

yield_bpm0i02aY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

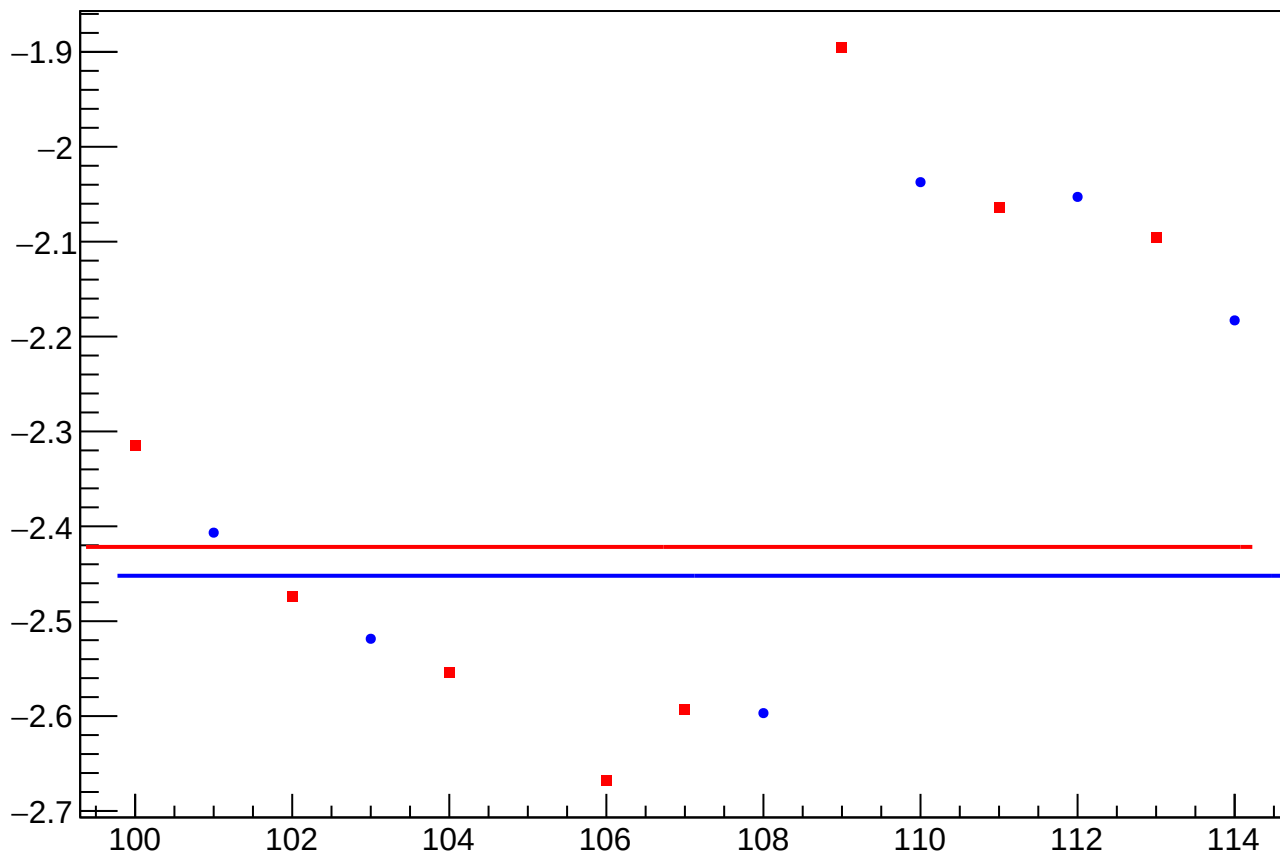
Right: 0.008+/-0.000 χ^2/NDF : 232550.3/13

In: 0.008+/-0.000 χ^2/NDF : 96934.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 232550.3/13

yield_bpm0i05X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

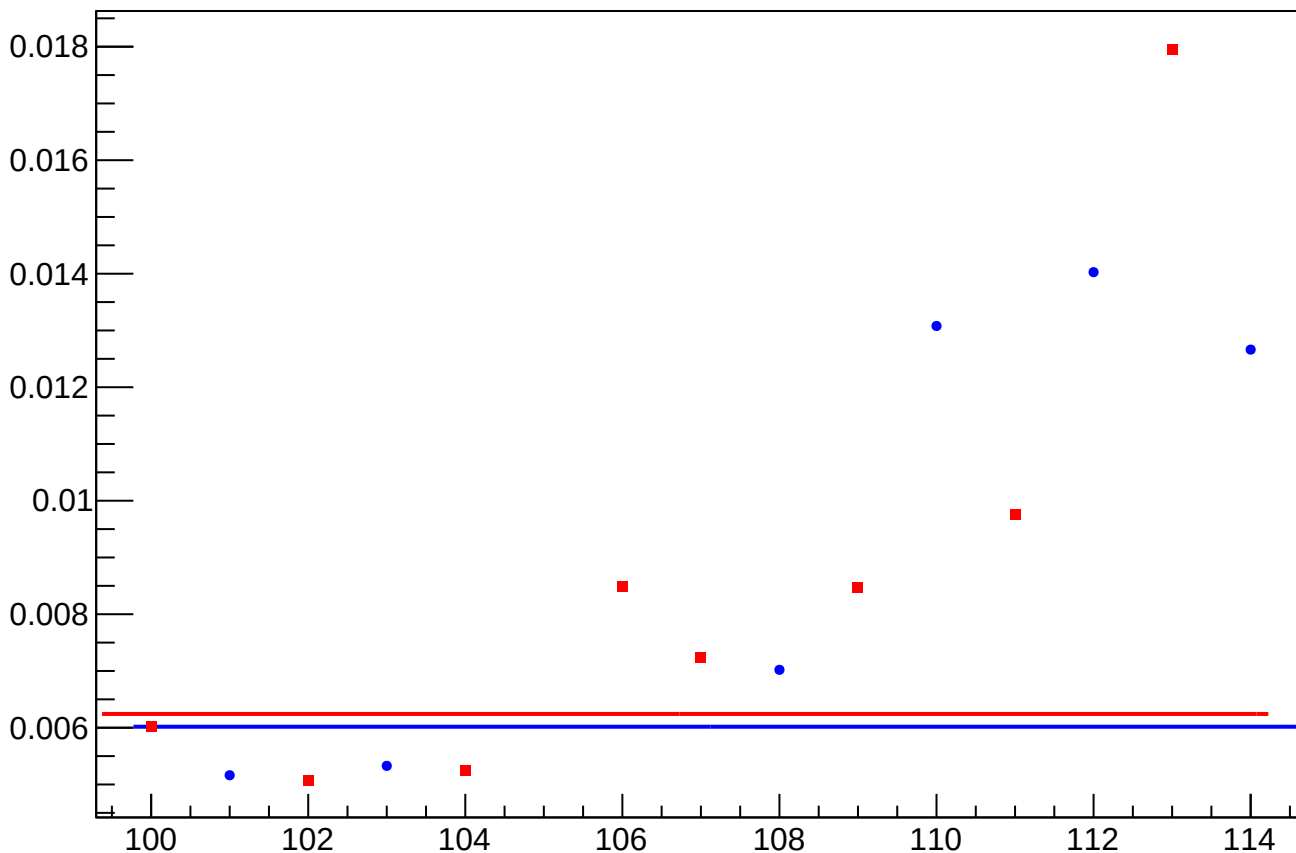
Right: -2.436+/-0.000 χ^2/NDF : 3757480912.4/13

In: -2.452+/-0.000 χ^2/NDF :842898295.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.436+/-0.000 χ^2/NDF : 3757480912.4/1

yield_bpm0i05X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

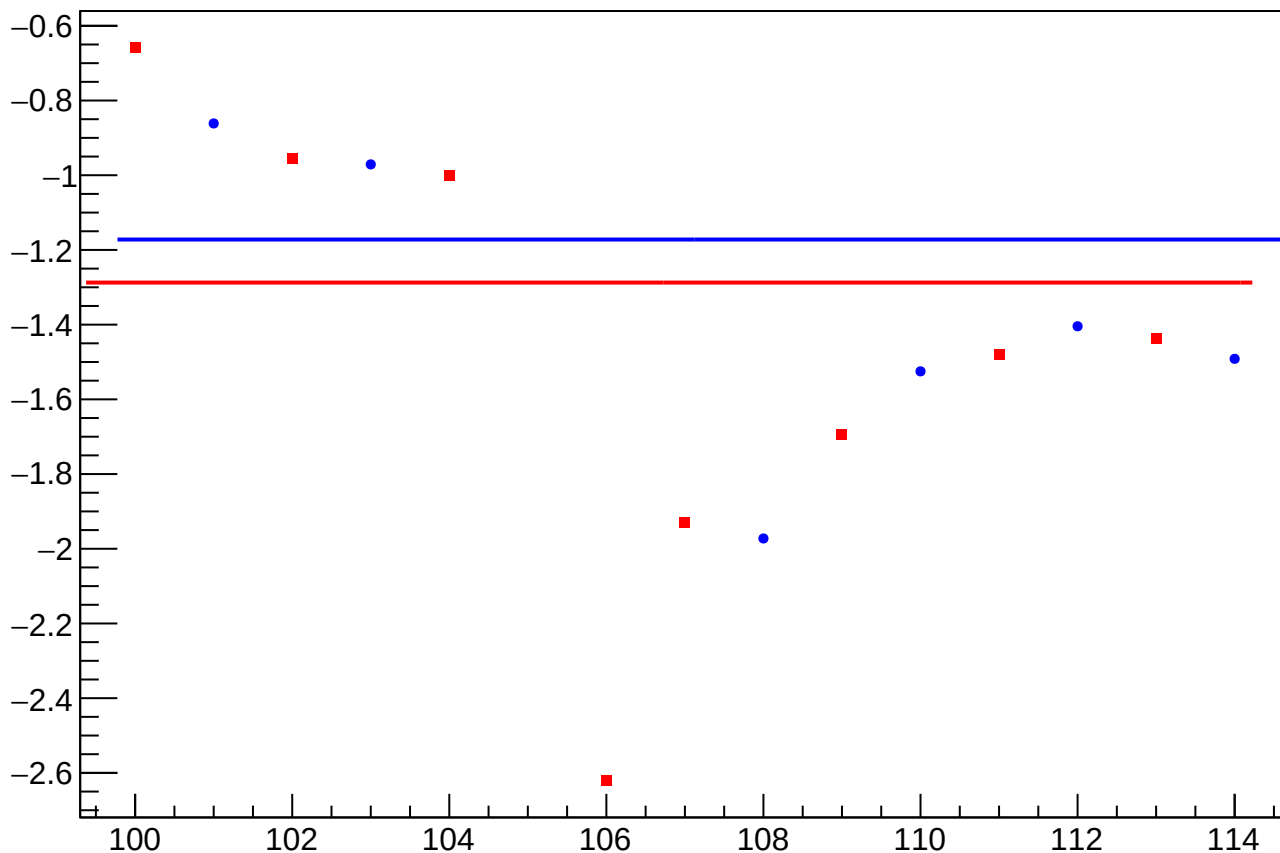
Right: 0.006+/-0.000 χ^2/NDF : 1004352.9/13

In: 0.006+/-0.000 χ^2/NDF :468944.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1004352.9/13

yield_bpm0i05Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

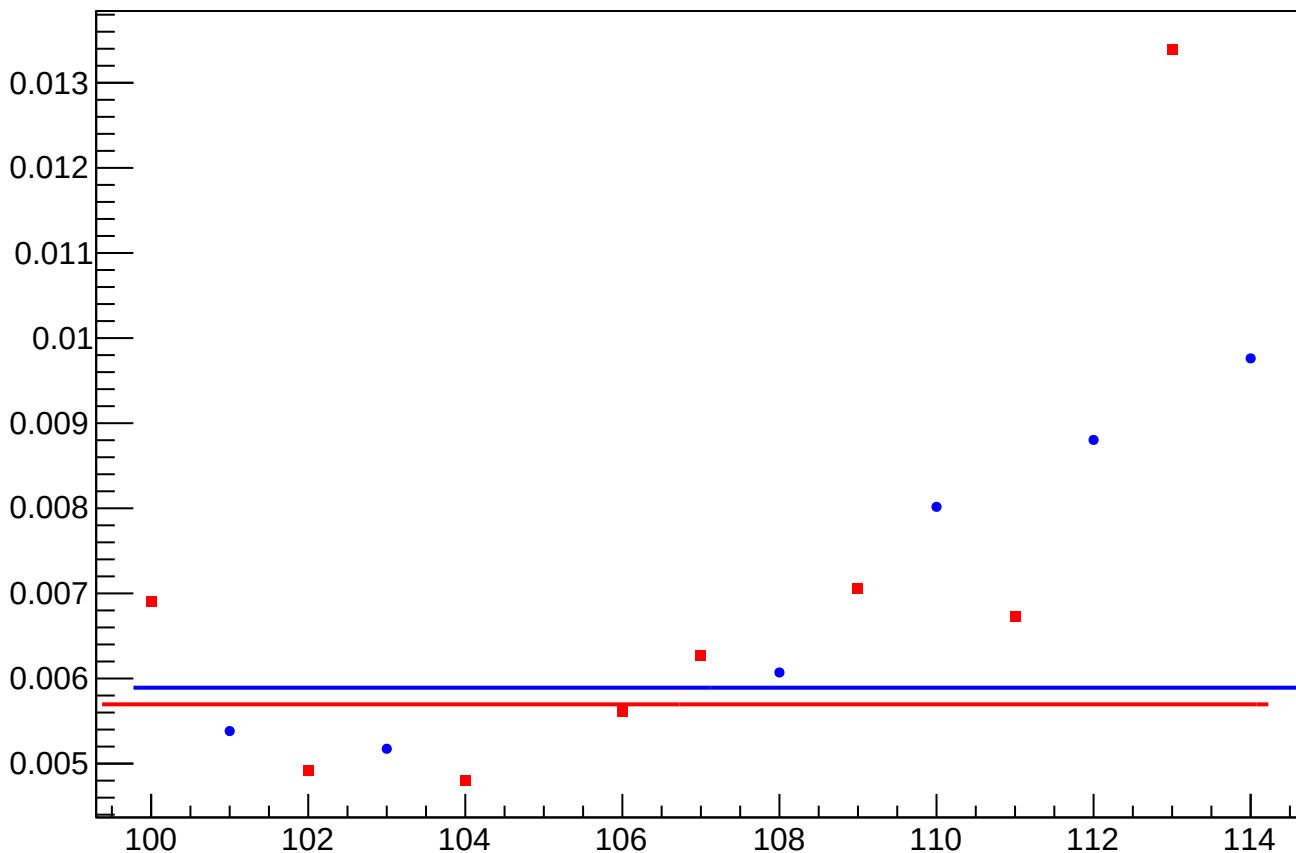
Right: -1.236+/-0.000 χ^2/NDF : 27854214826.2/13

In: -1.172+/-0.000 χ^2/NDF :10435138199.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.236+/-0.000 χ^2/NDF : 27854214826.2/13

yield_bpm0i05Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

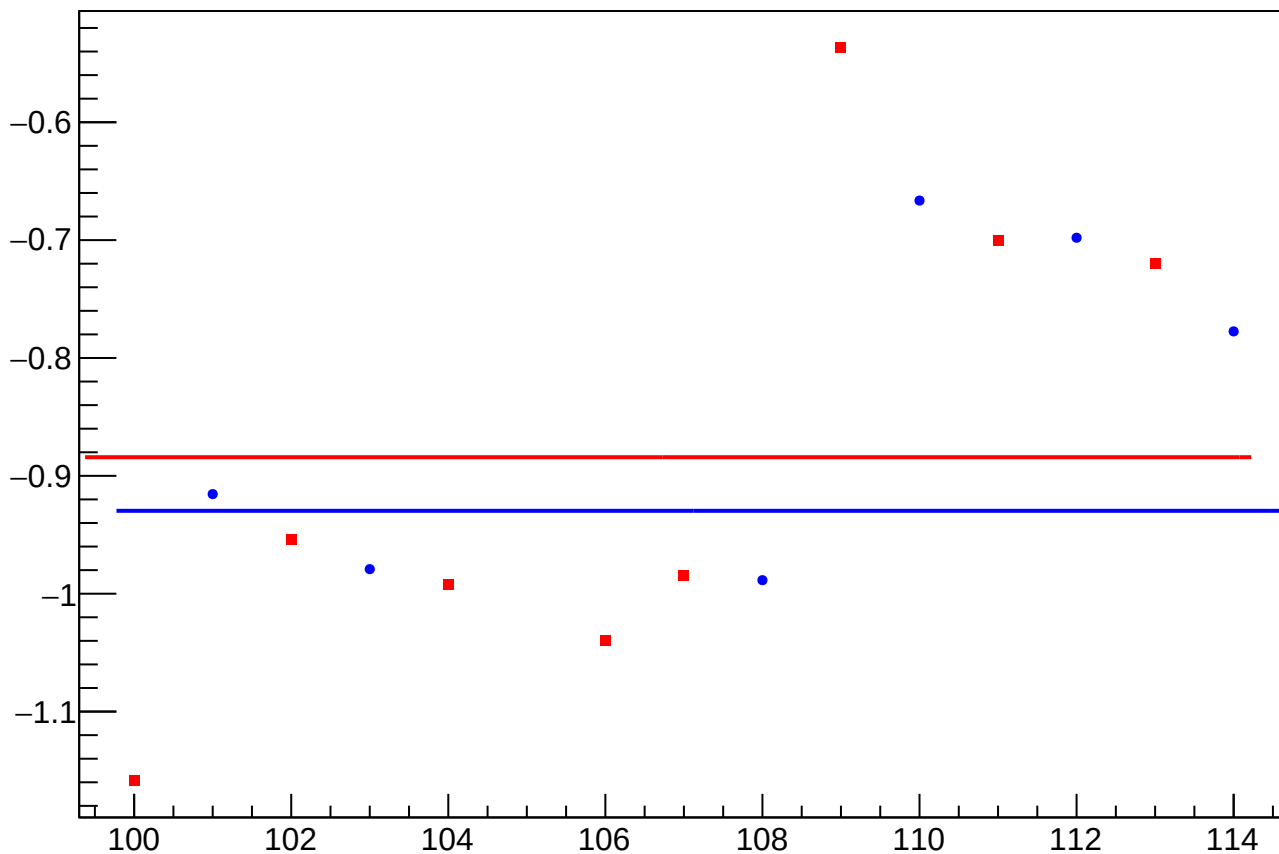
Right: 0.006+/-0.000 χ^2/NDF : 472230.1/13

In: 0.006+/-0.000 χ^2/NDF : 171312.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 472230.1/13

yield_bpm0i07X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

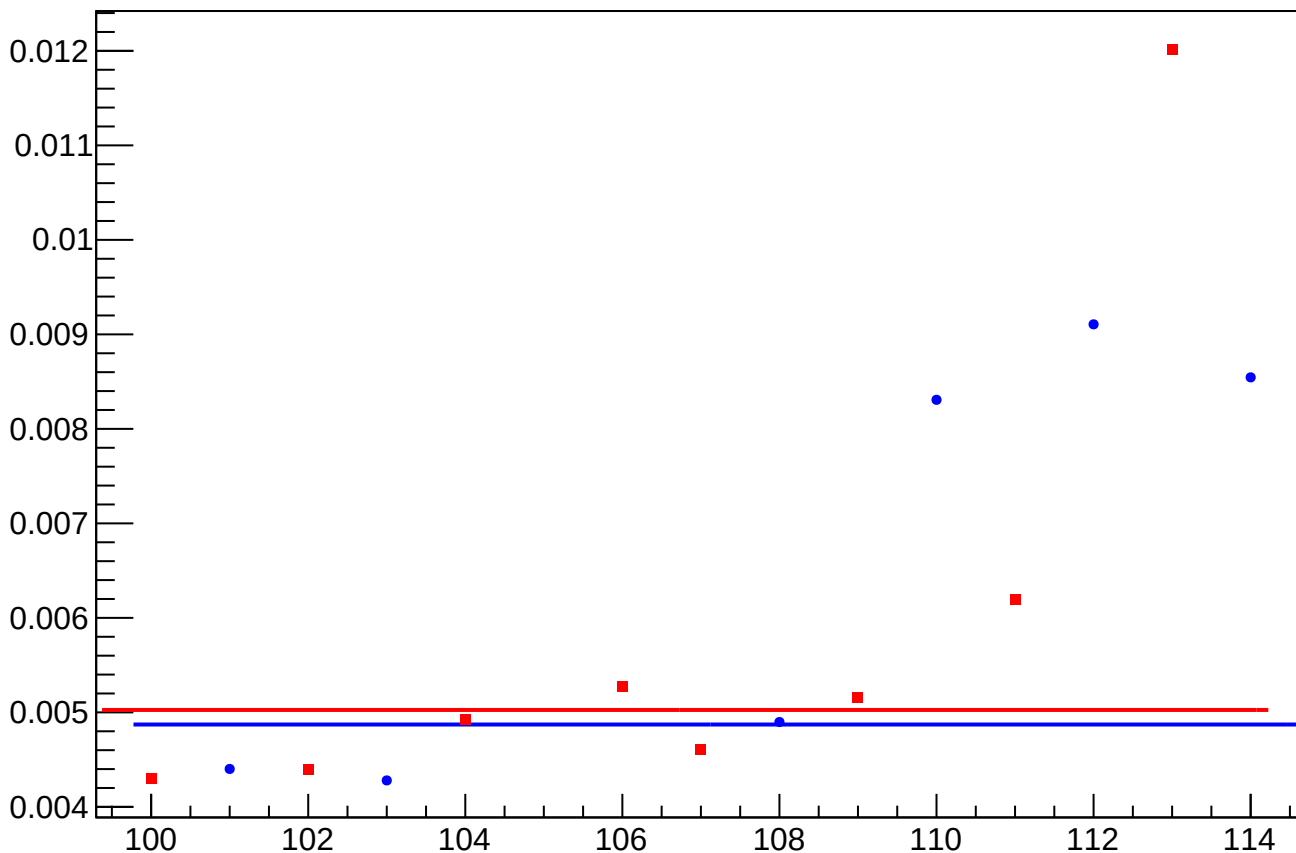
Right: -0.905+/-0.000 χ^2/NDF : 3962635140.7/13

In: -0.930+/-0.000 χ^2/NDF :624342758.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.905+/-0.000 χ^2/NDF : 3962635140.7/13

yield_bpm0i07X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

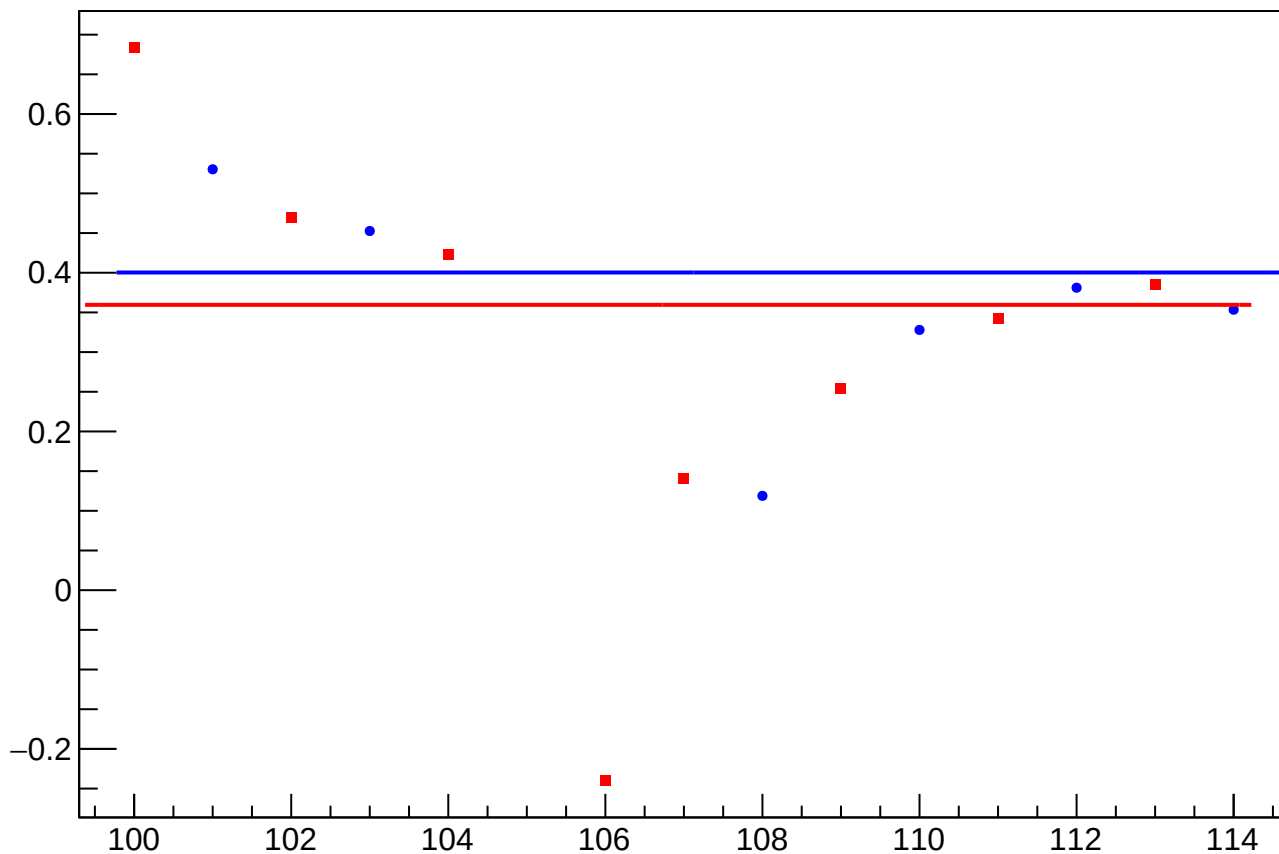
Right: 0.005+/-0.000 χ^2/NDF : 561584.3/13

In: 0.005+/-0.000 χ^2/NDF : 295050.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 561584.3/13

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.400+/-0.000 χ^2/NDF : 3058102167.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.360+/-0.000 χ^2/NDF : 4683998557.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

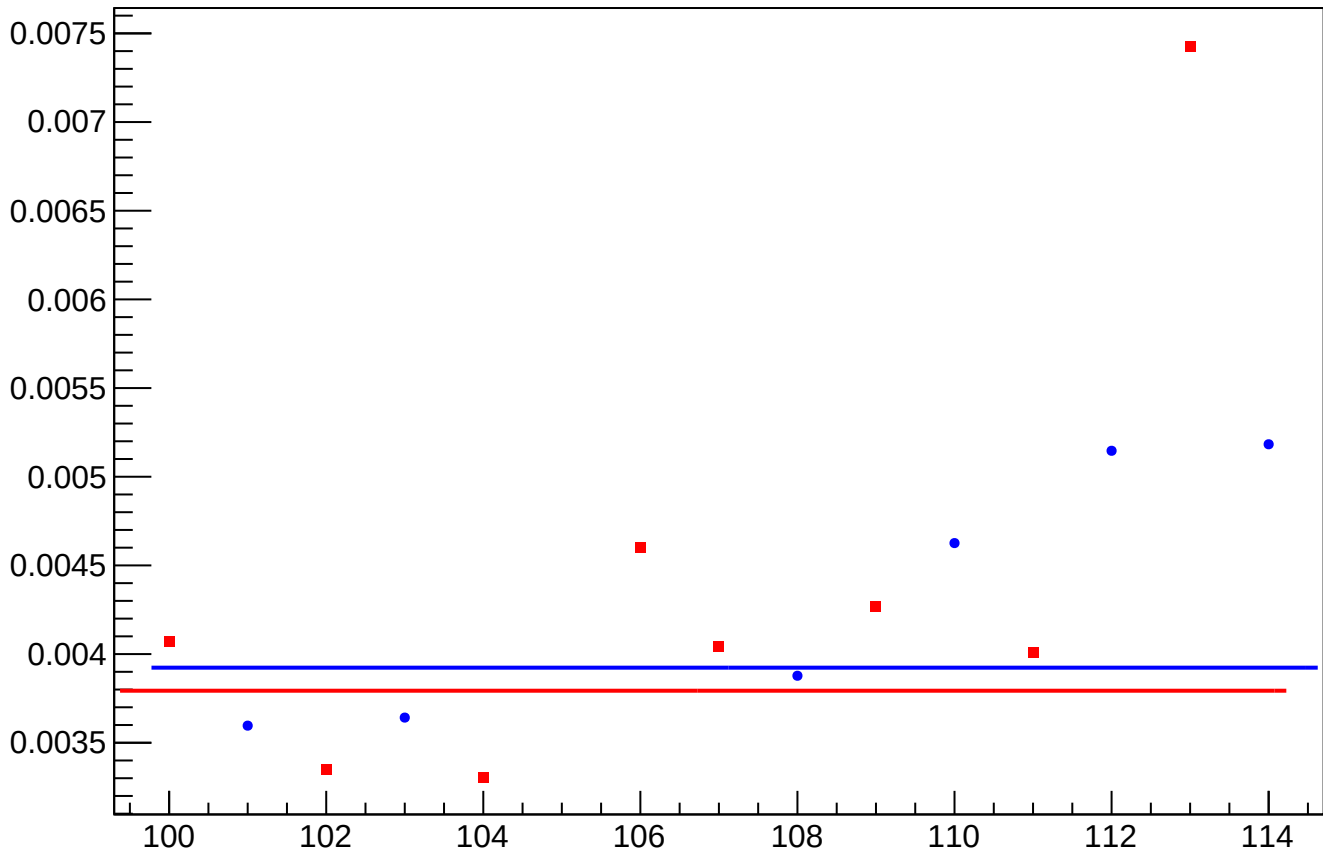
Right: 0.378+/-0.000 χ^2/NDF : 7877448461.9/13

In: 0.400+/-0.000 χ^2/NDF : 3058102167.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.000 χ^2/NDF : 7877448461.9/13

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 79806.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 200121.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

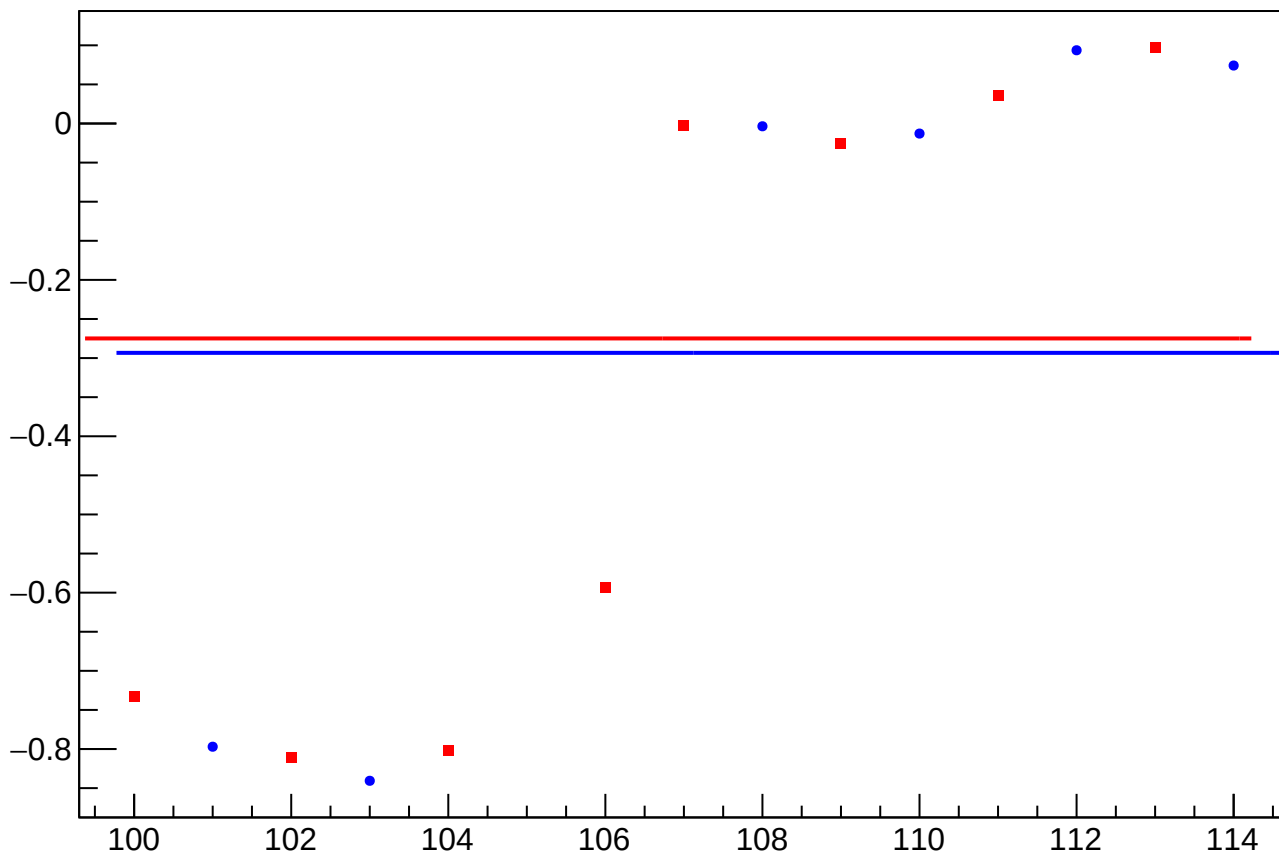
Right: 0.004+/-0.000 χ^2/NDF : 282678.3/13

In: 0.004+/-0.000 χ^2/NDF : 79806.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 282678.3/13

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.293+/-0.000 χ^2/NDF : 3870206271.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.275+/-0.000 χ^2/NDF : 4433436930.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

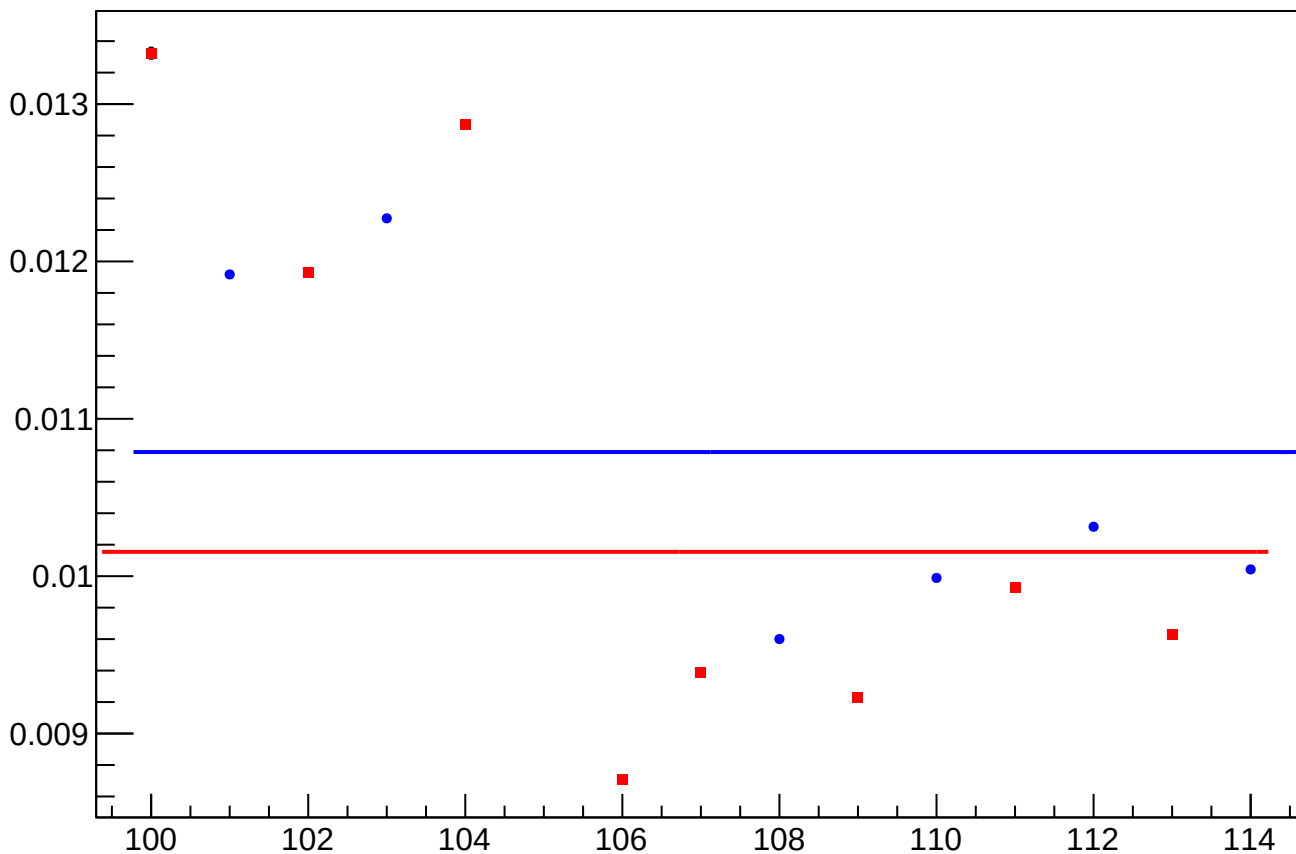
Right: -0.283+/-0.000 χ^2/NDF : 8308068661.1/13

In: -0.293+/-0.000 χ^2/NDF : 3870206271.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.283+/-0.000 χ^2/NDF : 8308068661.1/13

yield_bpm1i02X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

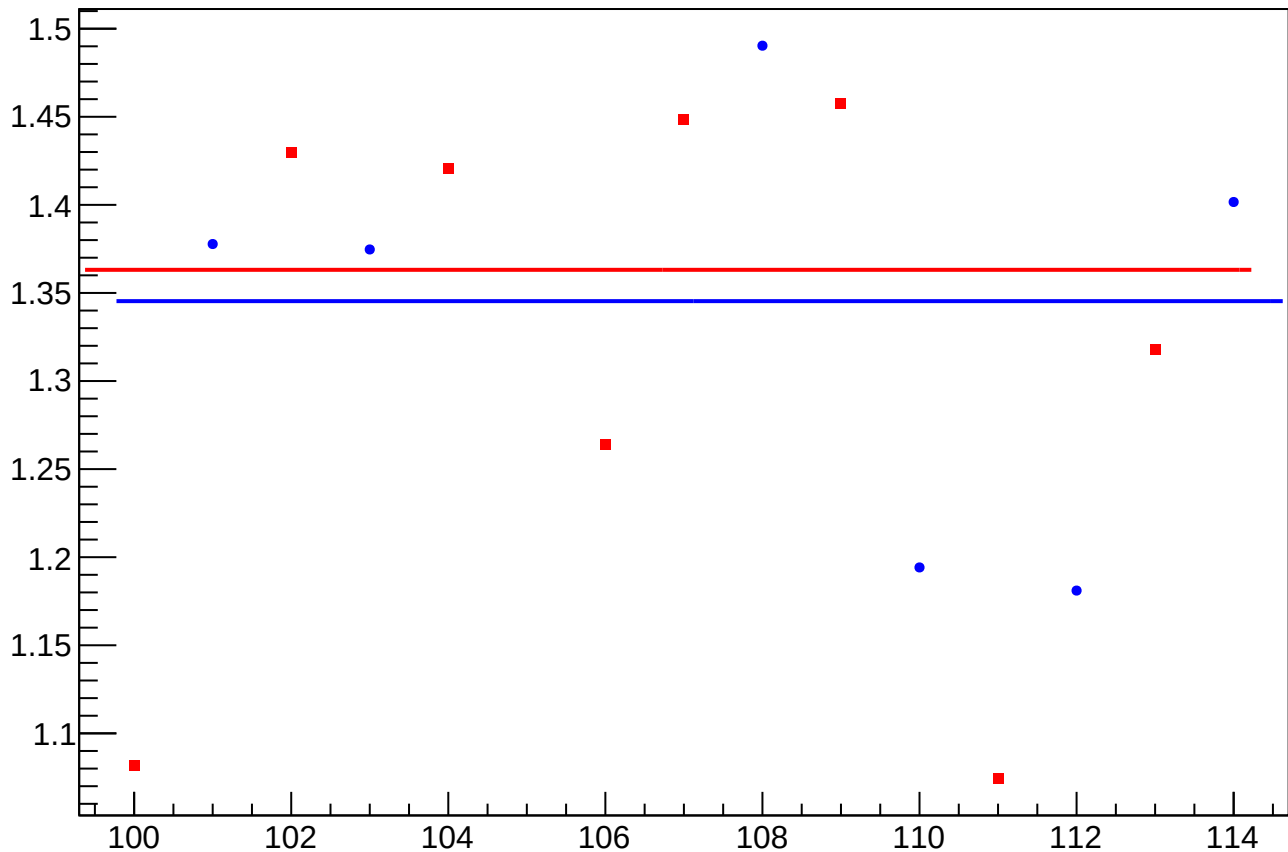
Right: 0.010+/-0.000 χ^2/NDF : 178060.0/13

In: 0.011+/-0.000 χ^2/NDF : 49583.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 178060.0/13

yield_bpm1i02Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

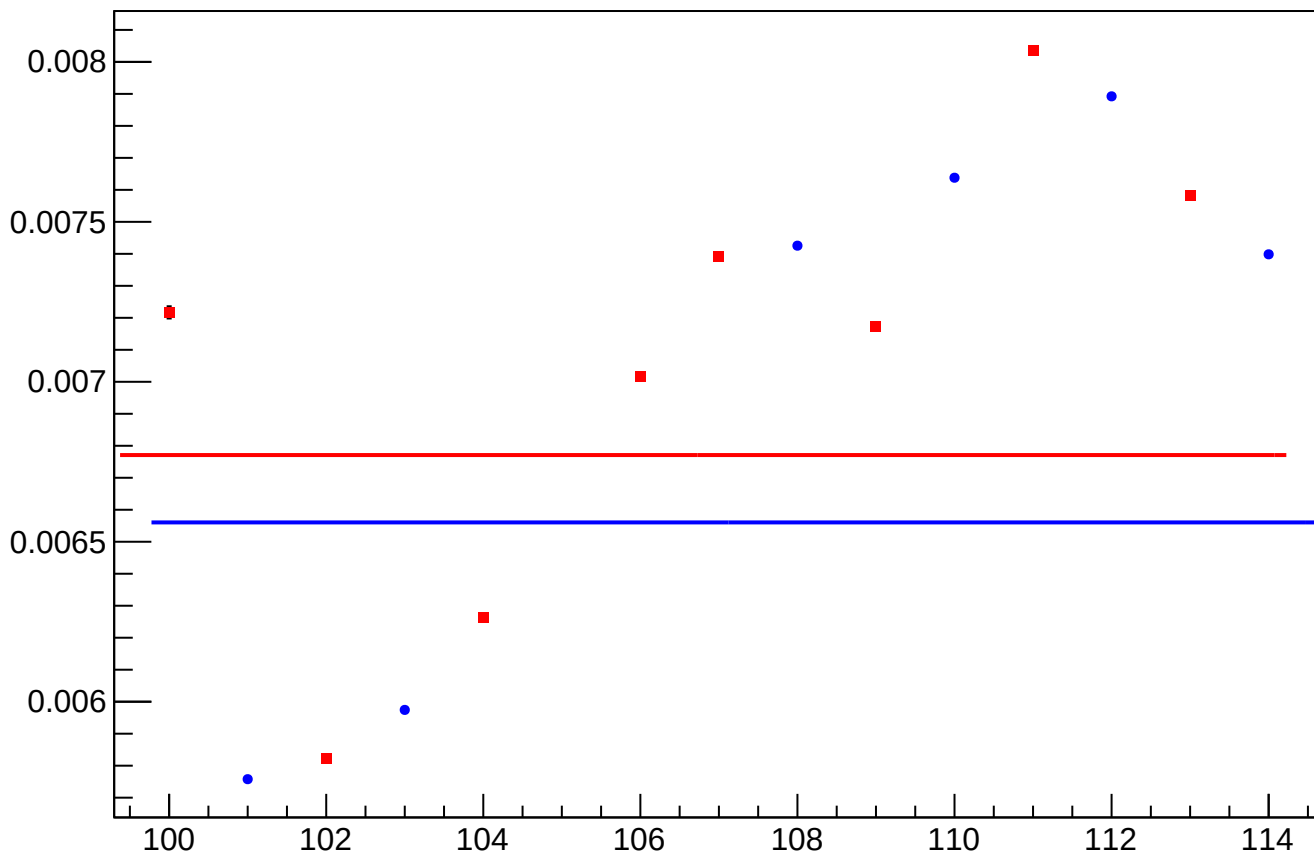
Right: 1.355+/-0.000 χ^2/NDF : 1582472590.2/13

In: 1.345+/-0.000 χ^2/NDF : 553099646.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.355+/-0.000 χ^2/NDF : 1582472590.2/13

yield_bpm1i02Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

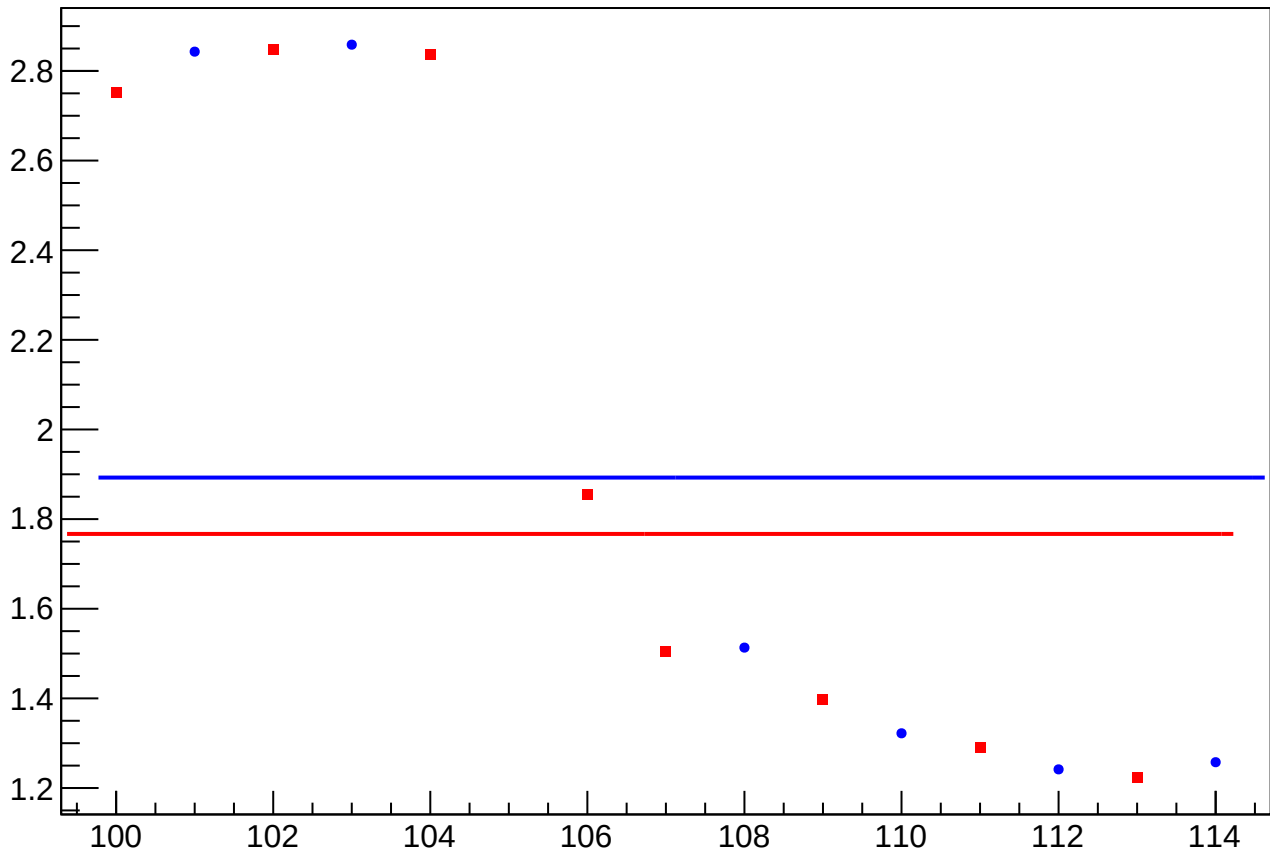
Right: 0.007+/-0.000 χ^2/NDF : 178094.0/13

In: 0.007+/-0.000 χ^2/NDF : 93378.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 178094.0/13

yield_bpm1i04X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

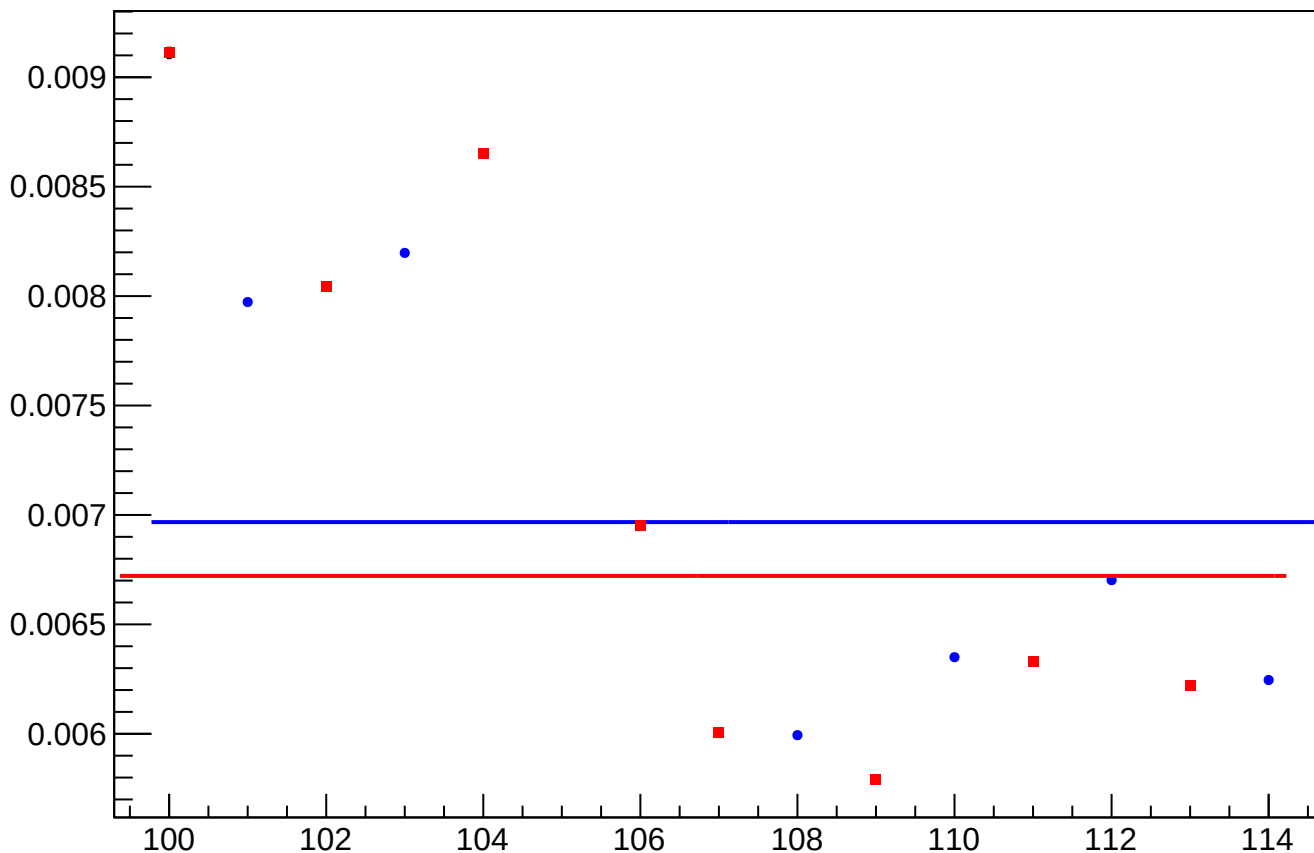
Right: 1.821+/-0.000 χ^2/NDF : 57892730851.7/13

In: 1.893+/-0.000 χ^2/NDF : 28106505644.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.821+/-0.000 χ^2/NDF : 57892730851.7/13

yield_bpm1i04X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

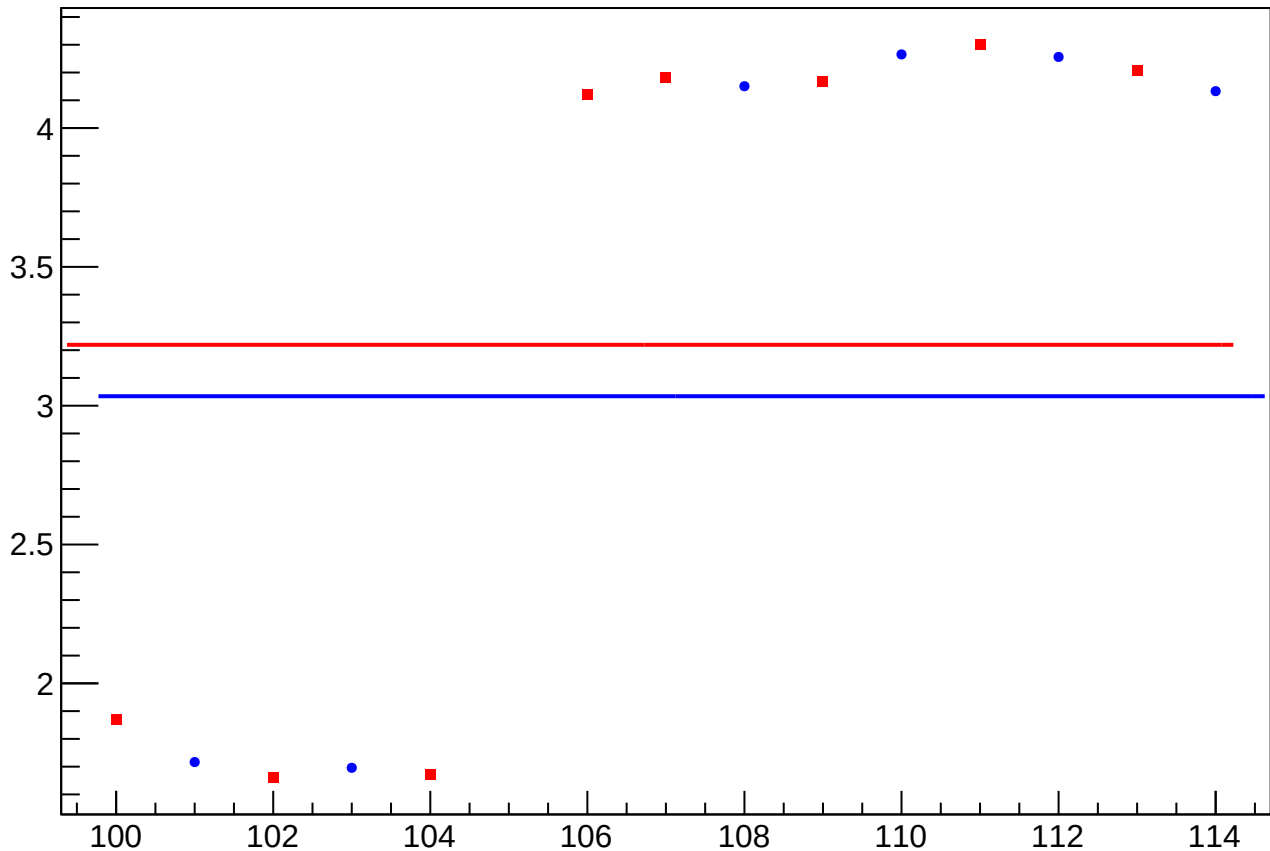
Right: 0.007+/-0.000 χ^2/NDF : 225286.3/13

In: 0.007+/-0.000 χ^2/NDF : 80327.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 225286.3/13

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.034+/-0.000

χ^2/NDF : 150455123726.9/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.135+/-0.000

χ^2/NDF : 326895029982.8/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.034+/-0.000

χ^2/NDF : 150455123726.9/5

Right Out: 3.219+/-0.000

χ^2/NDF : 174653403669.9/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

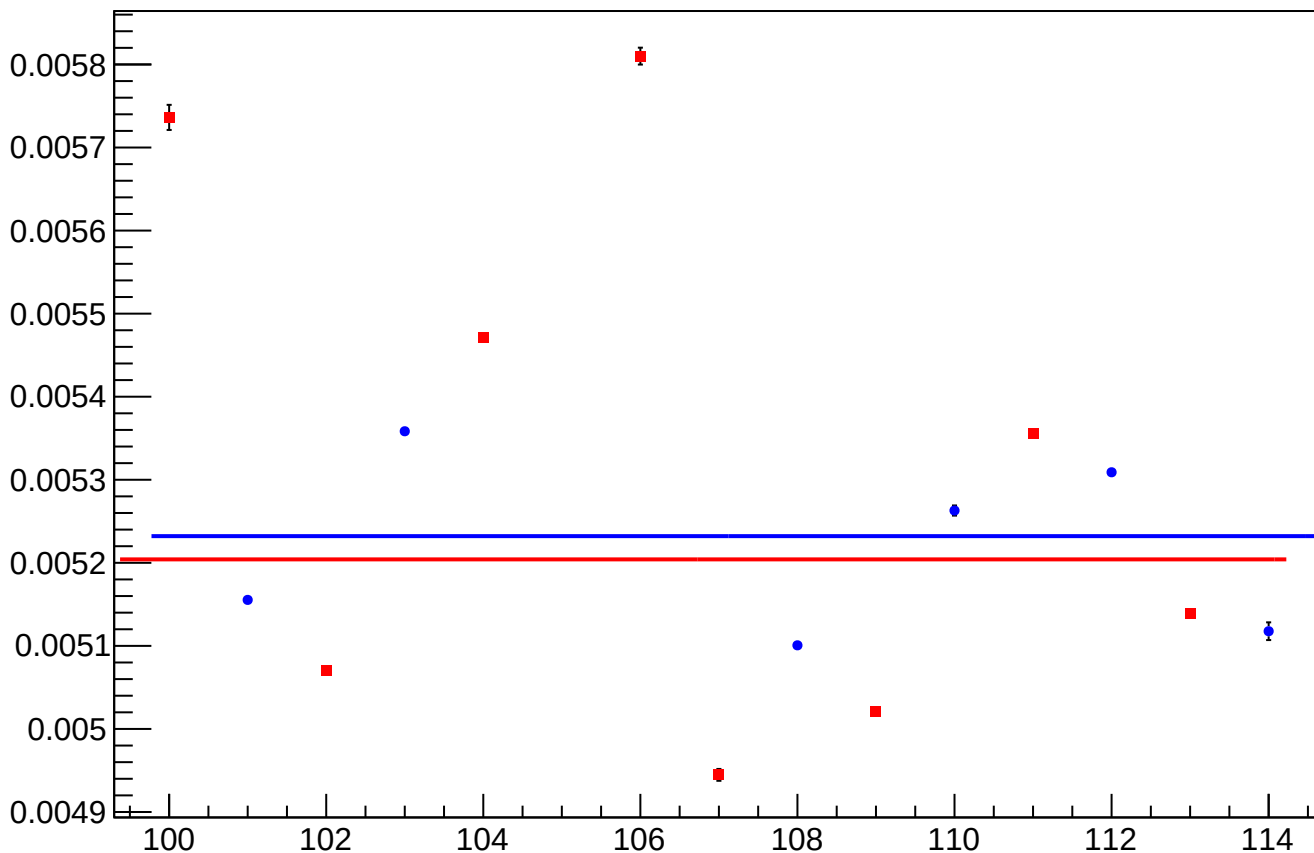
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.135+/-0.000

χ^2/NDF : 326895029982.8

yield_bpm1i04Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

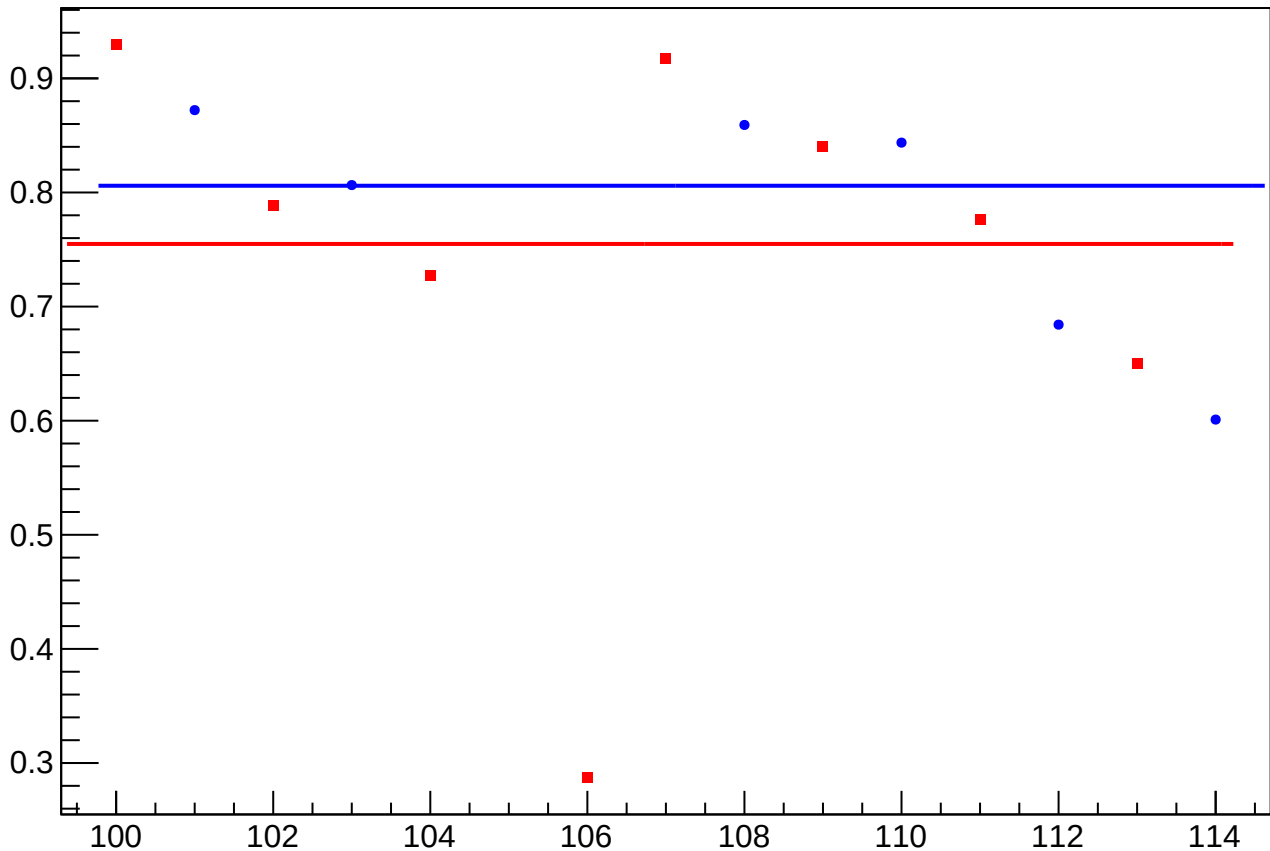
Right: 0.005+/-0.000 χ^2/NDF : 13689.1/13

In: 0.005+/-0.000 χ^2/NDF : 1819.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 13689.1/13

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.806+/-0.000 χ^2/NDF : 76909072.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.755+/-0.000 χ^2/NDF : 252642804.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

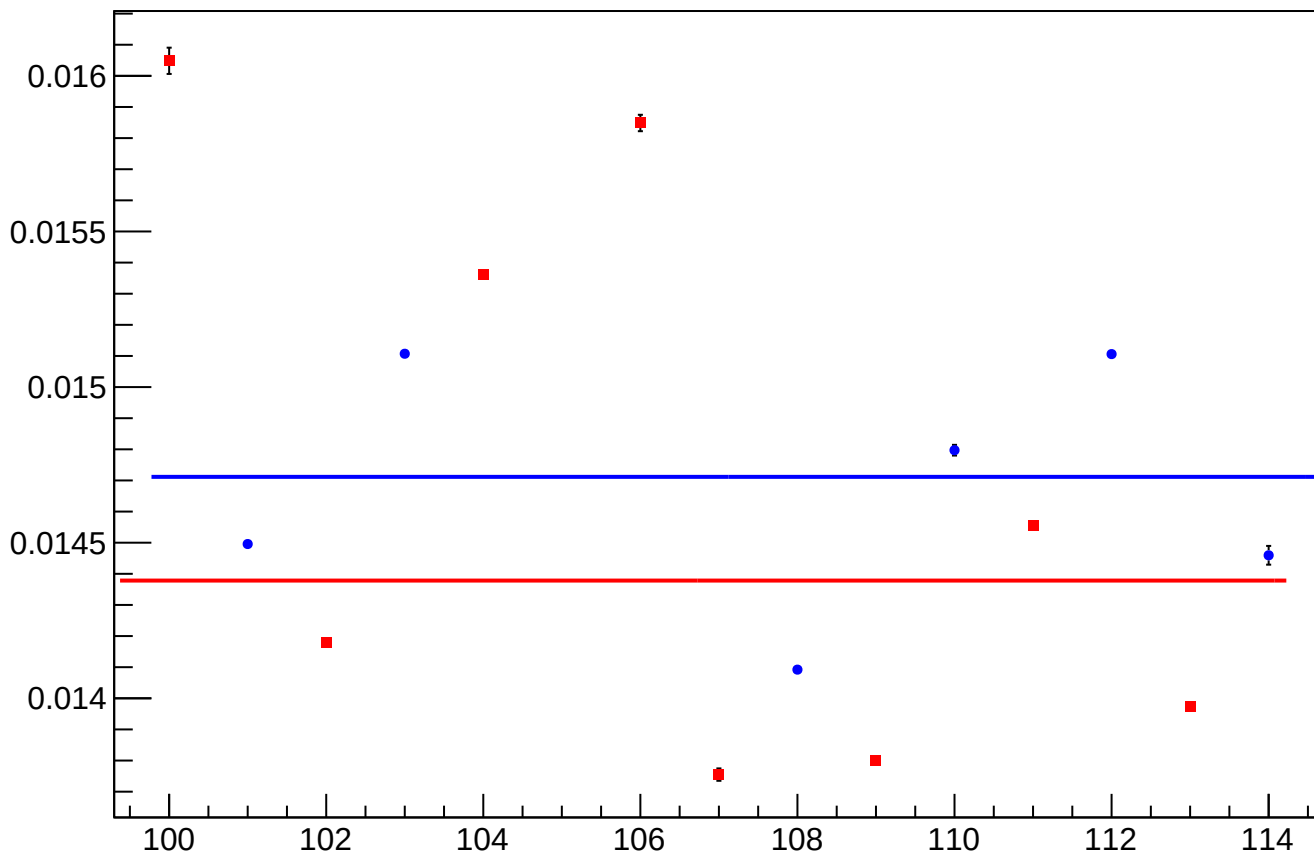
Right: 0.778+/-0.000 χ^2/NDF : 346988532.4/13

In: 0.806+/-0.000 χ^2/NDF : 76909072.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.778+/-0.000 χ^2/NDF : 346988532.4/13

yield_bpm1i06X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

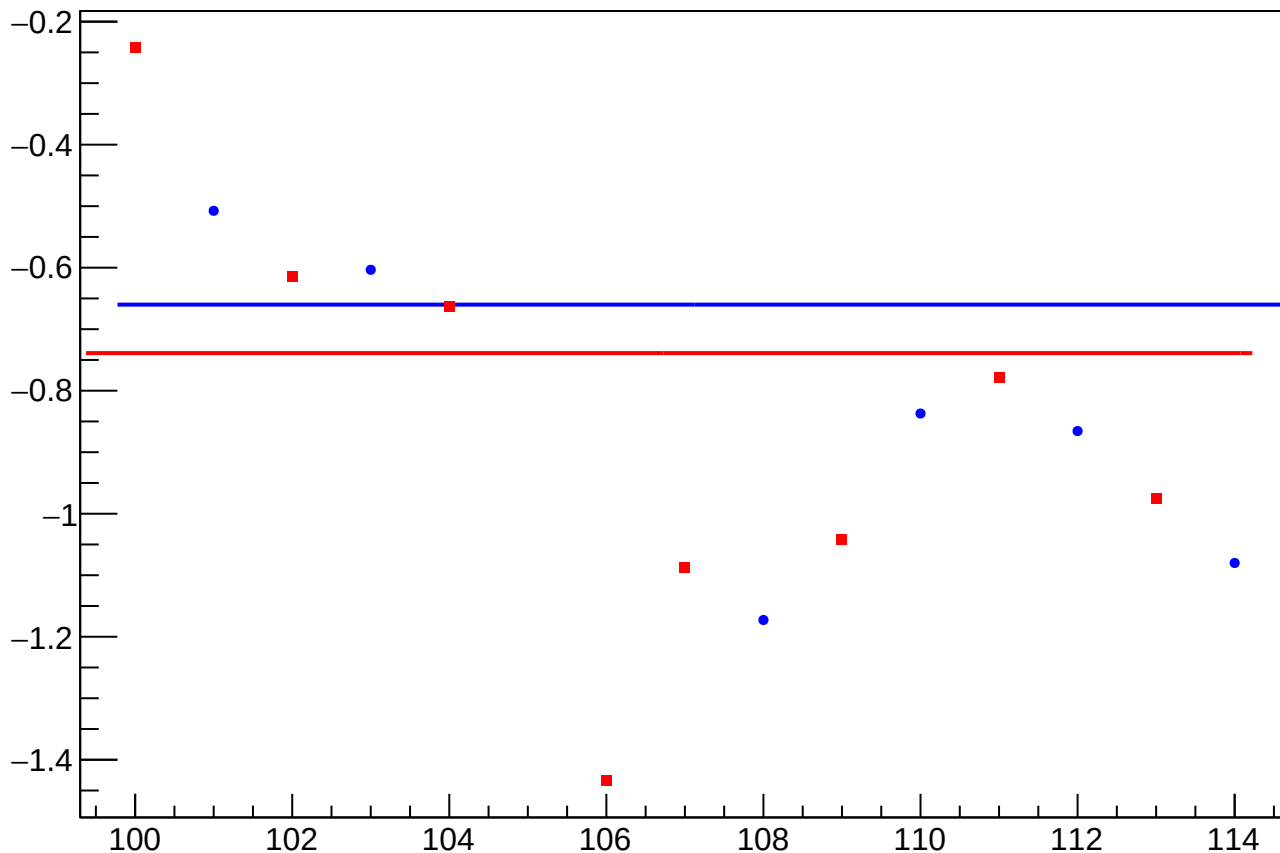
Right: 0.015+/-0.000 χ^2/NDF : 17819.3/13

In: 0.015+/-0.000 χ^2/NDF : 3380.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 17819.3/13

yield_bpm1i06Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

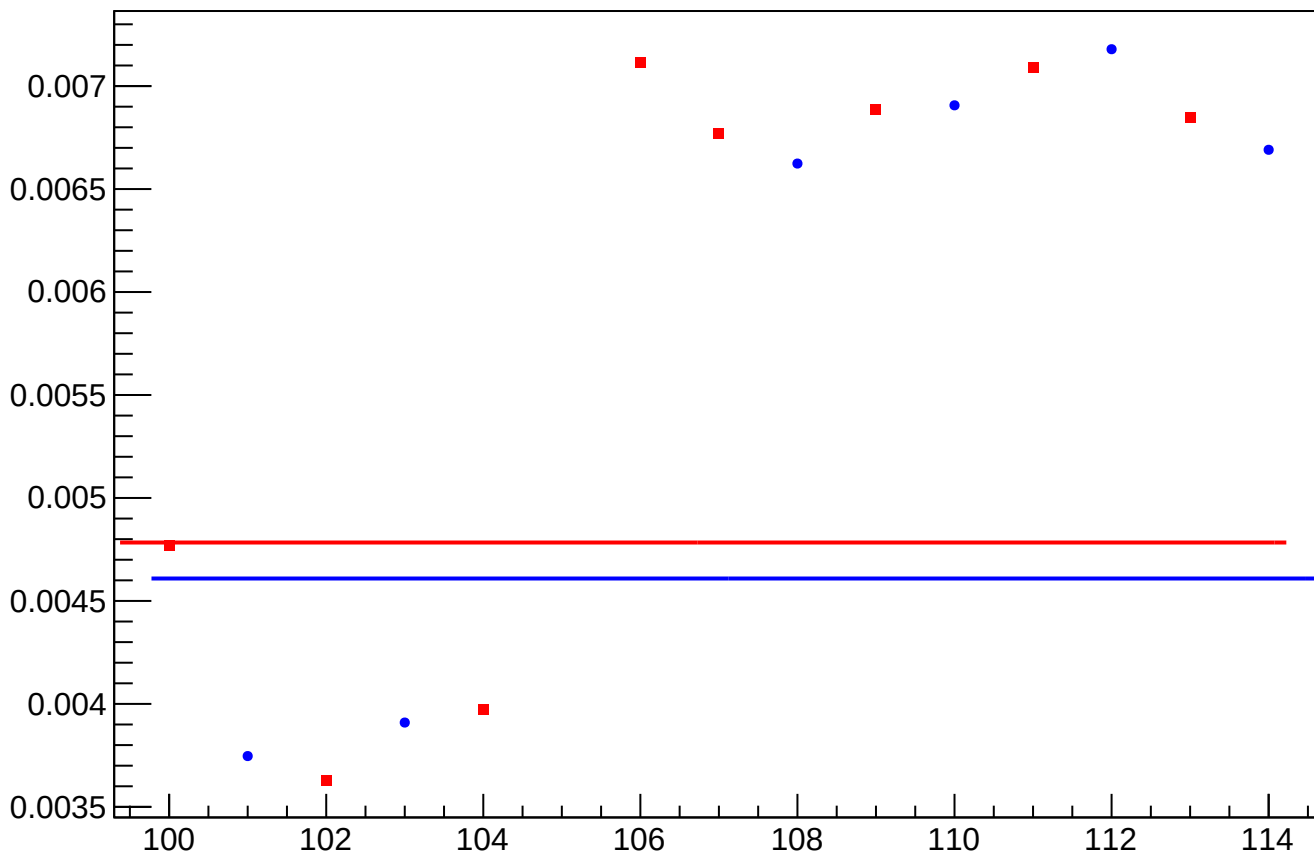
Right: -0.701+/-0.000 χ^2/NDF : 9862724987.1/13

In: -0.660+/-0.000 χ^2/NDF :4356910125.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.701+/-0.000 χ^2/NDF : 9862724987.1/13

yield_bpm1i06Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

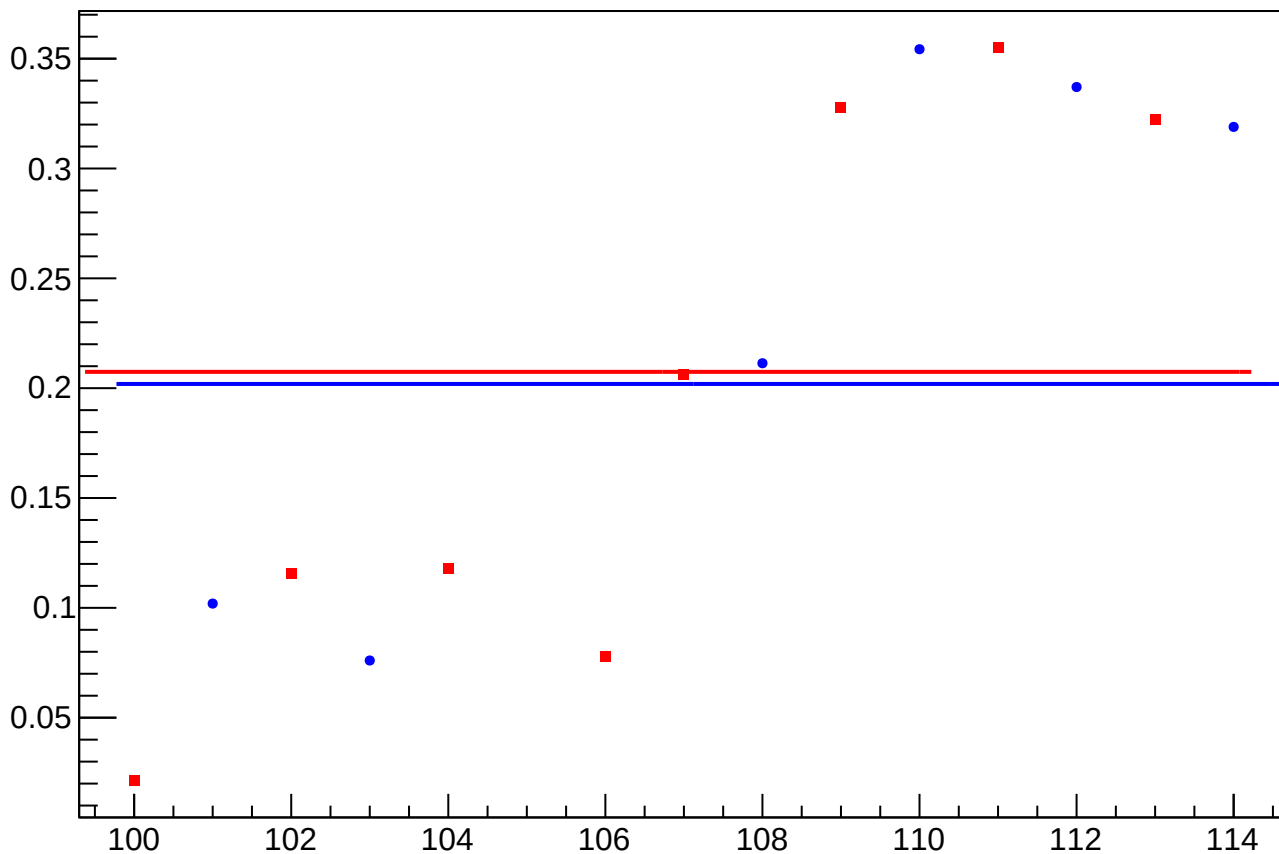
Right: 0.005+/-0.000 χ^2/NDF : 888839.8/13

In: 0.005+/-0.000 χ^2/NDF : 382703.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 888839.8/13

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.202+/-0.000

χ^2/NDF : 13842597040.5/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.205+/-0.000 χ^2/NDF : 32735621456.8/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.202+/-0.000 χ^2/NDF : 13842597040.5/5

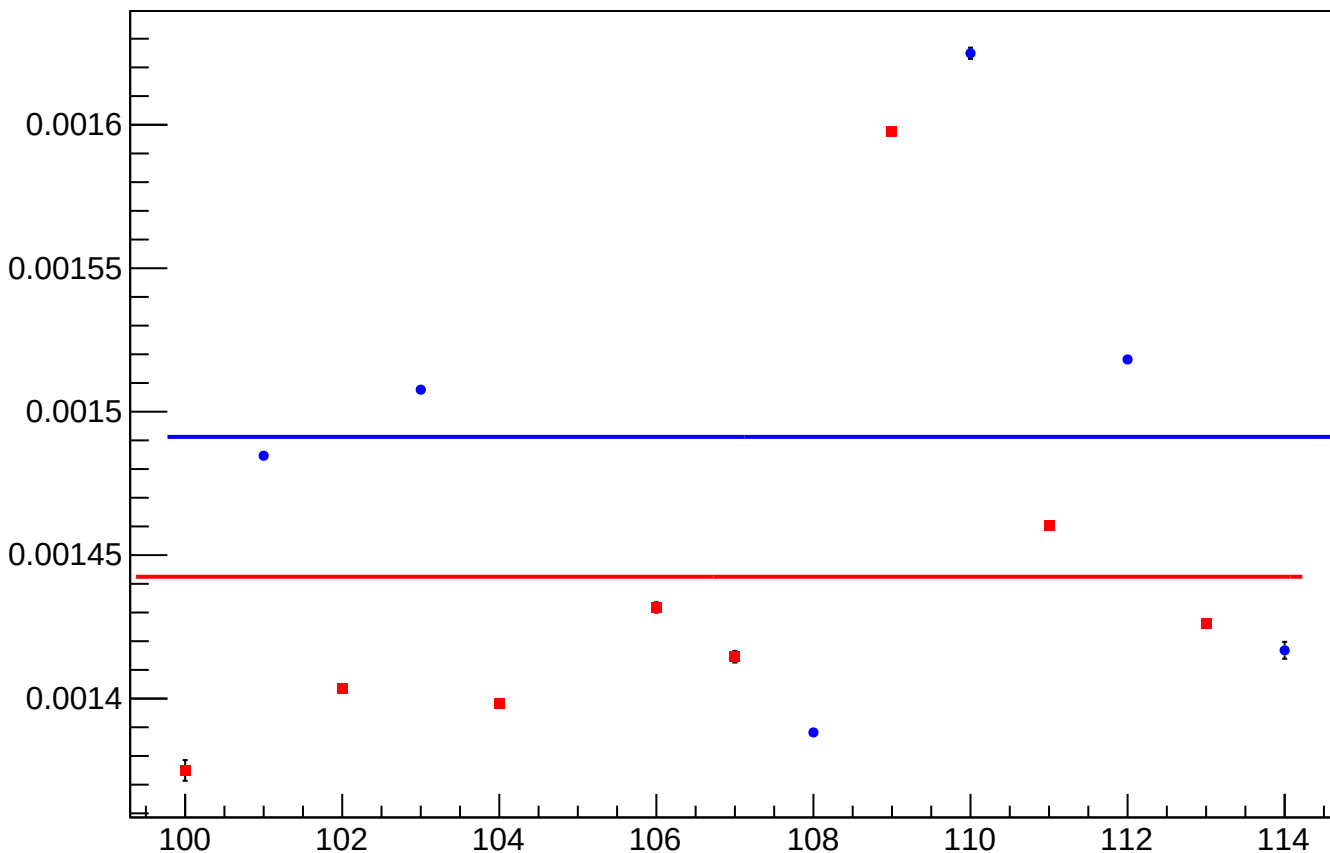
Right Out: 0.207+/-0.000 χ^2/NDF : 18873851026.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.205+/-0.000 χ^2/NDF : 32735621456.8/13

yield_bpm2i01X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

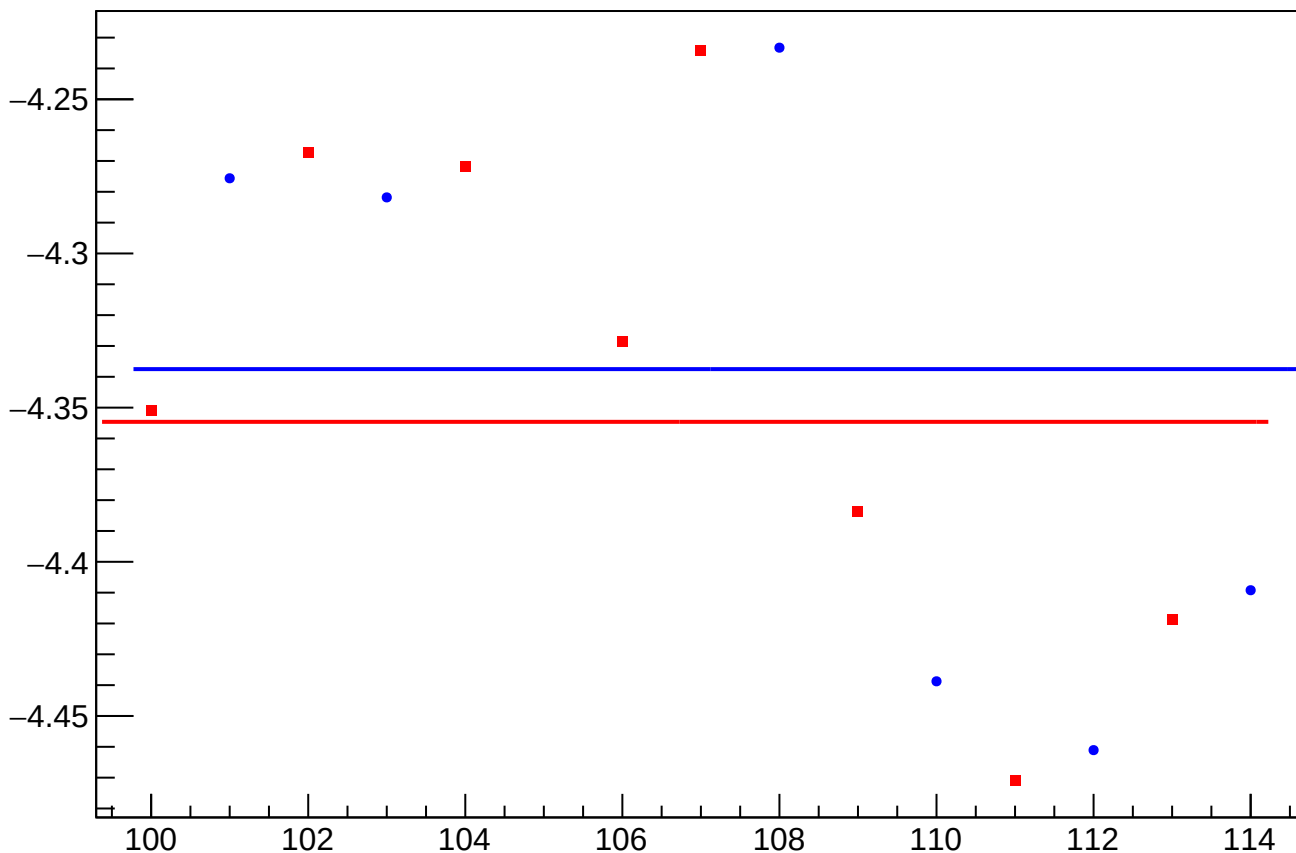
Right: 0.001+/-0.000 χ^2/NDF : 25553.5/13

In: 0.001+/-0.000 χ^2/NDF : 10109.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 25553.5/13

yield_bpm2i01Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

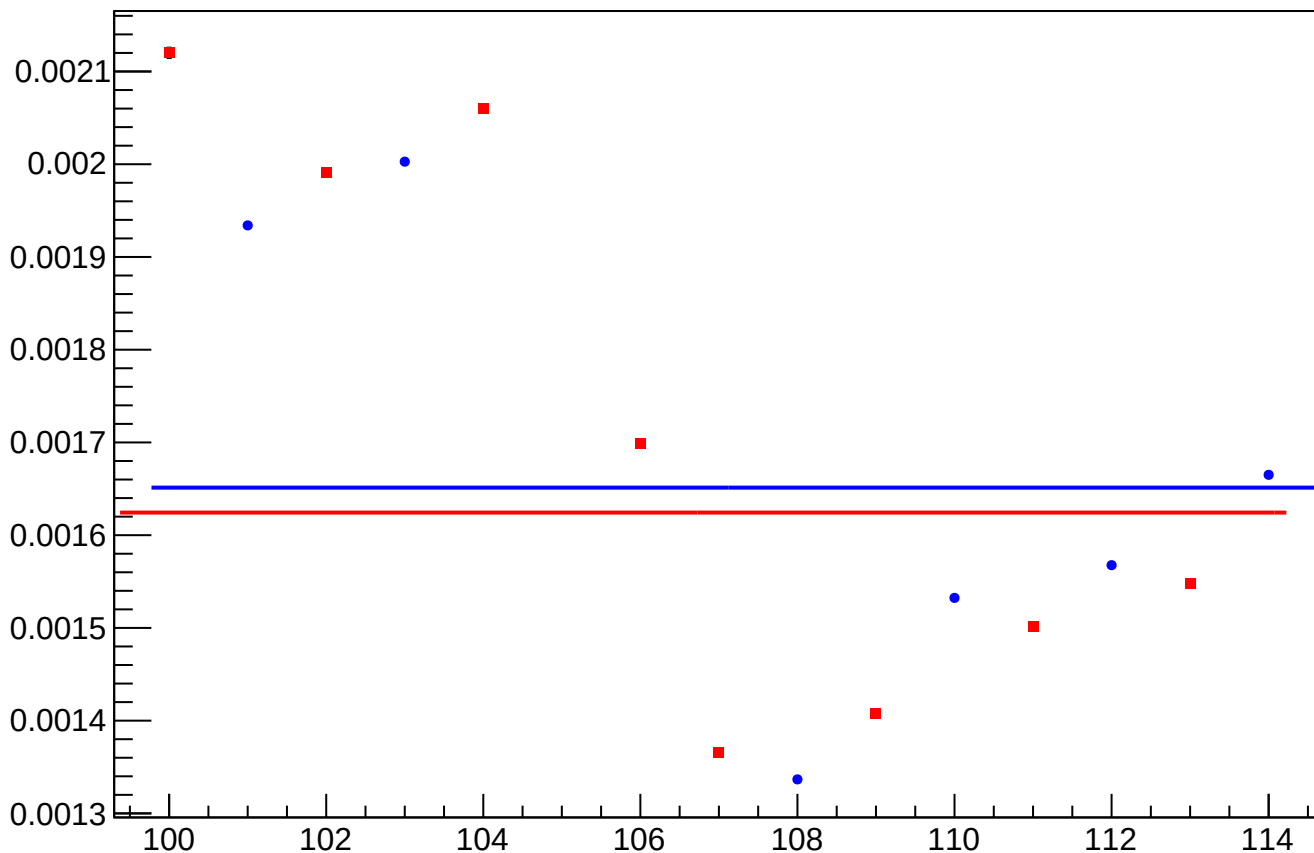
Right: -4.347+/-0.000 χ^2/NDF : 15996381620.4/13

In: -4.338+/-0.000 χ^2/NDF :8182149601.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.347+/-0.000 χ^2/NDF : 15996381620.4/13

yield_bpm2i01Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

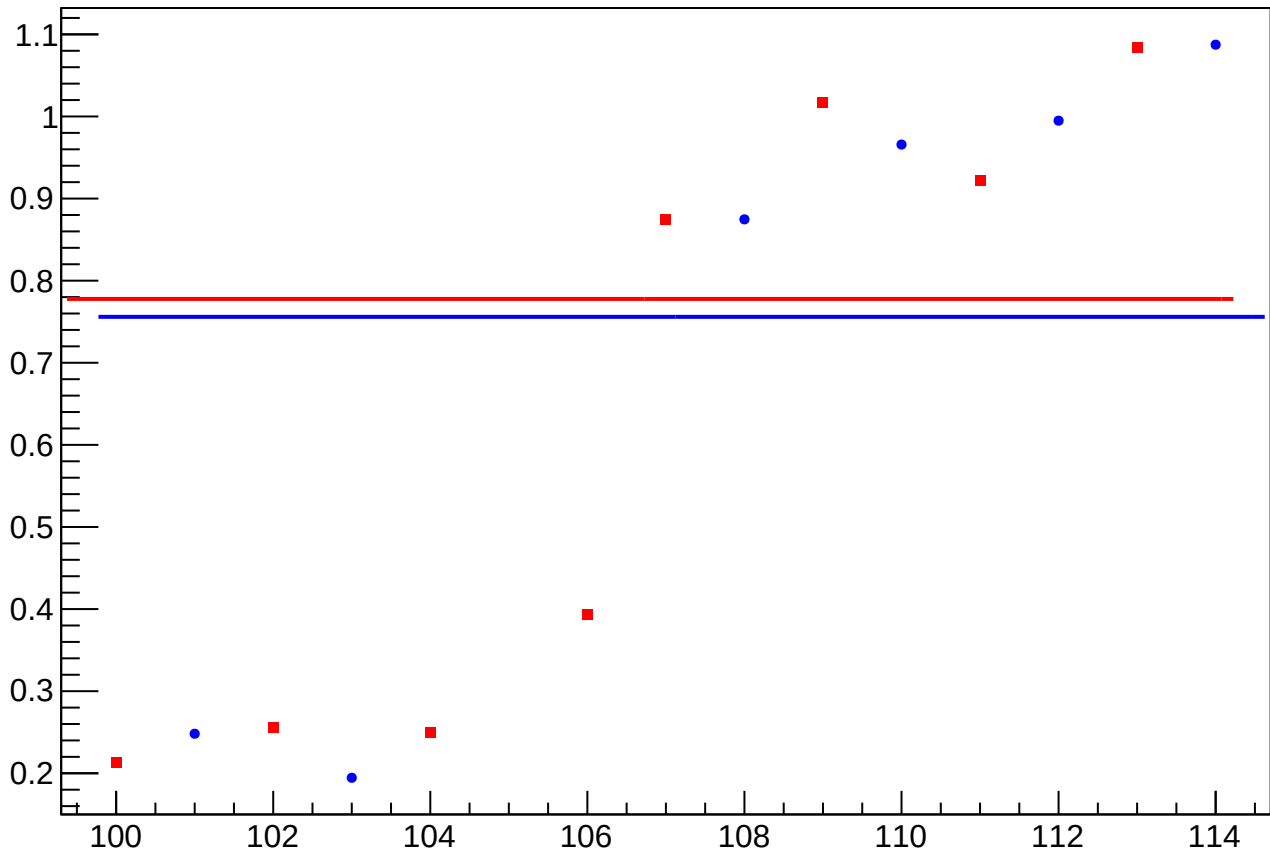
Right: 0.002+/-0.000 χ^2/NDF : 264955.8/13

In: 0.002+/-0.000 χ^2/NDF : 115004.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 264955.8/13

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.756+/-0.000 χ^2/NDF : 6623420278.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.778+/-0.000 χ^2/NDF : 9266392151.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

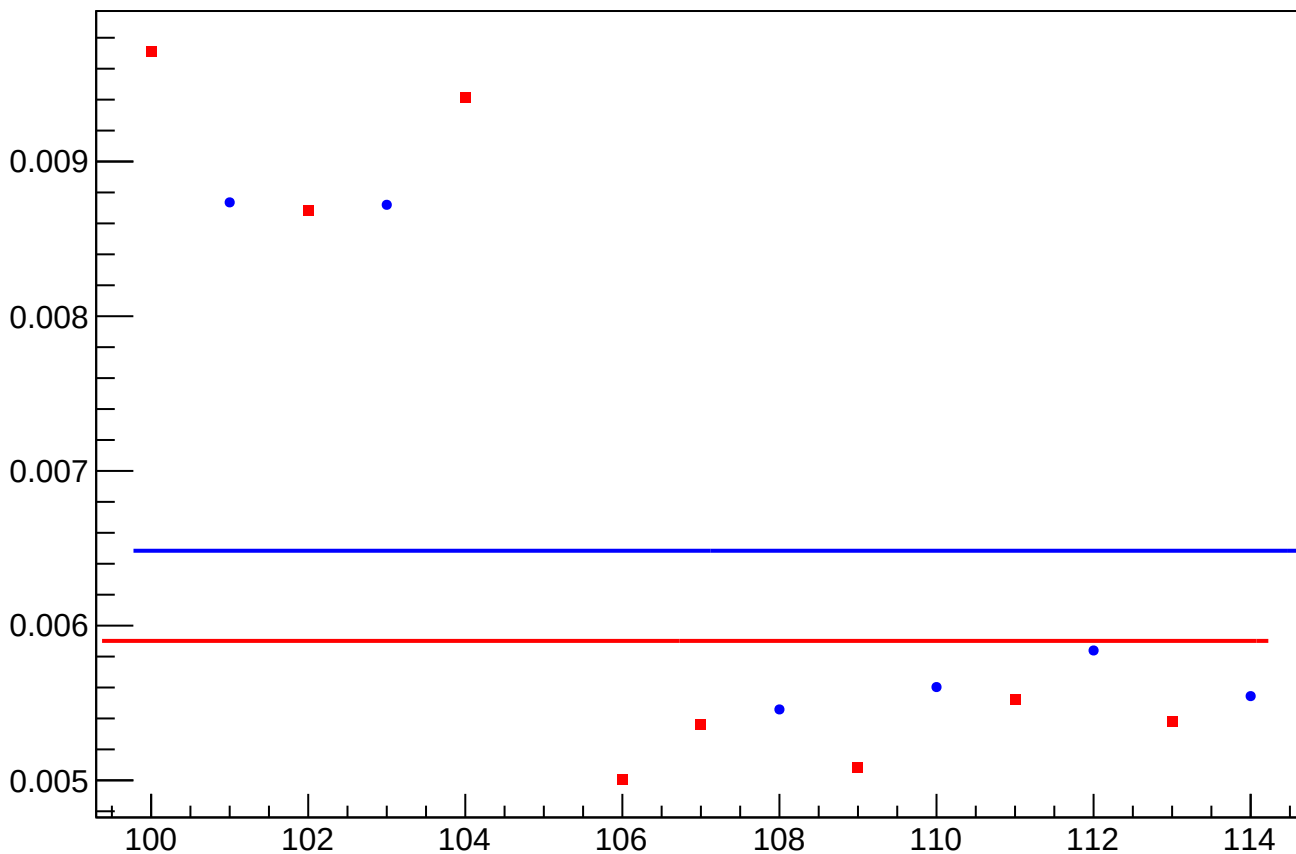
Right: 0.769+/-0.000 χ^2/NDF : 15906761748.6/13

In: 0.756+/-0.000 χ^2/NDF :6623420278.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.769+/-0.000 χ^2/NDF : 15906761748.6/13

yield_bpm2i02X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

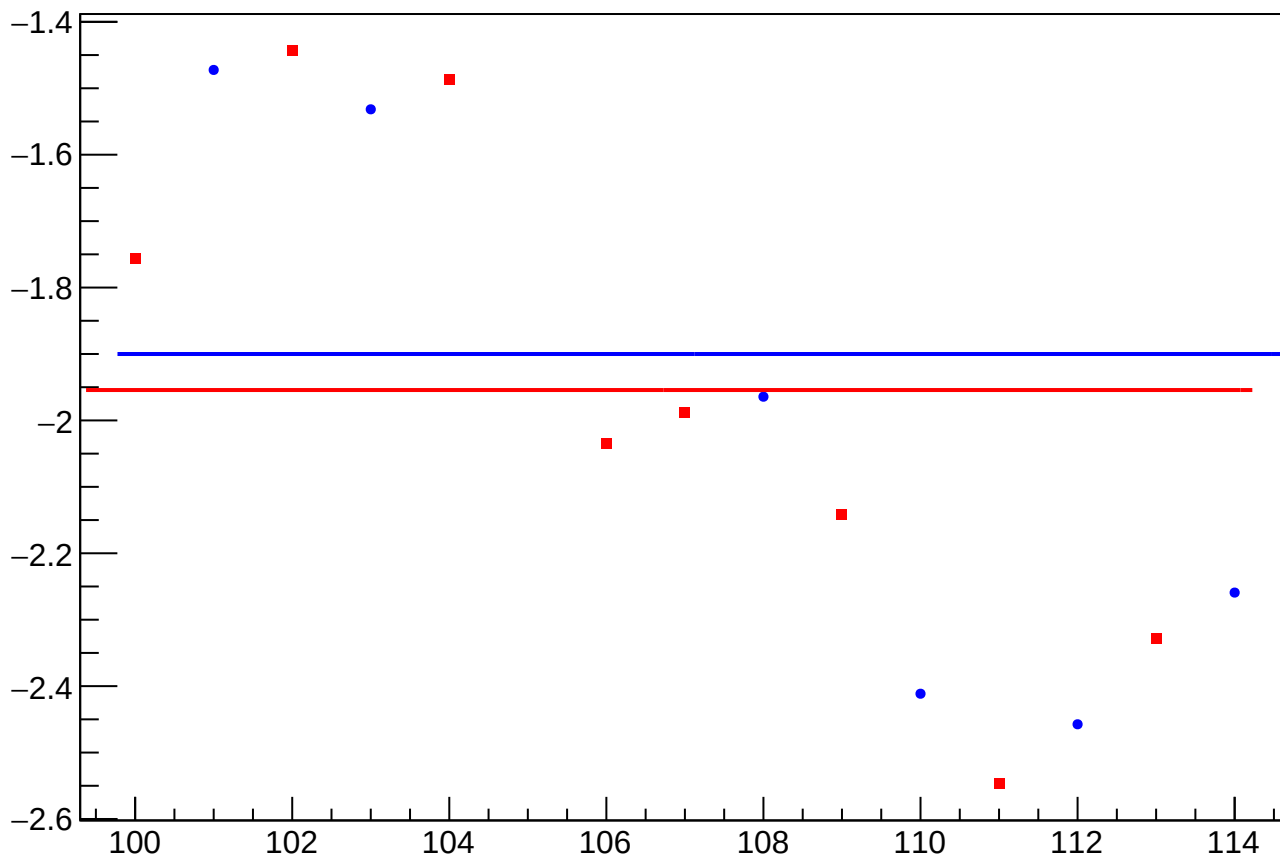
Right: 0.006+/-0.000 χ^2/NDF : 620876.1/13

In: 0.006+/-0.000 χ^2/NDF :230106.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 620876.1/13

yield_bpm2i02Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

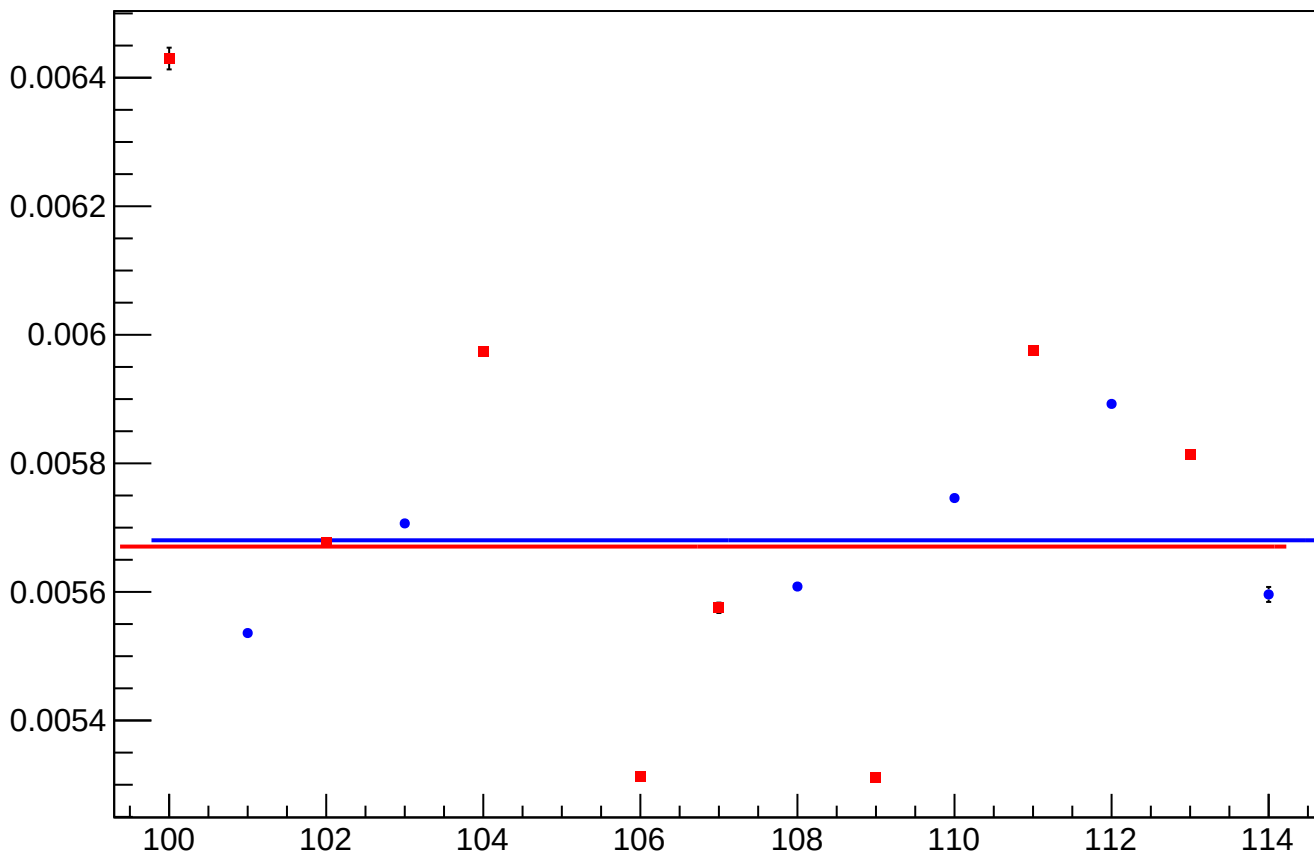
Right: -1.930+/-0.000 χ^2/NDF : 30080451092.1/13

In: -1.900+/-0.000 χ^2/NDF :14348998801.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.930+/-0.000 χ^2/NDF : 30080451092.1/13

yield_bpm2i02Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

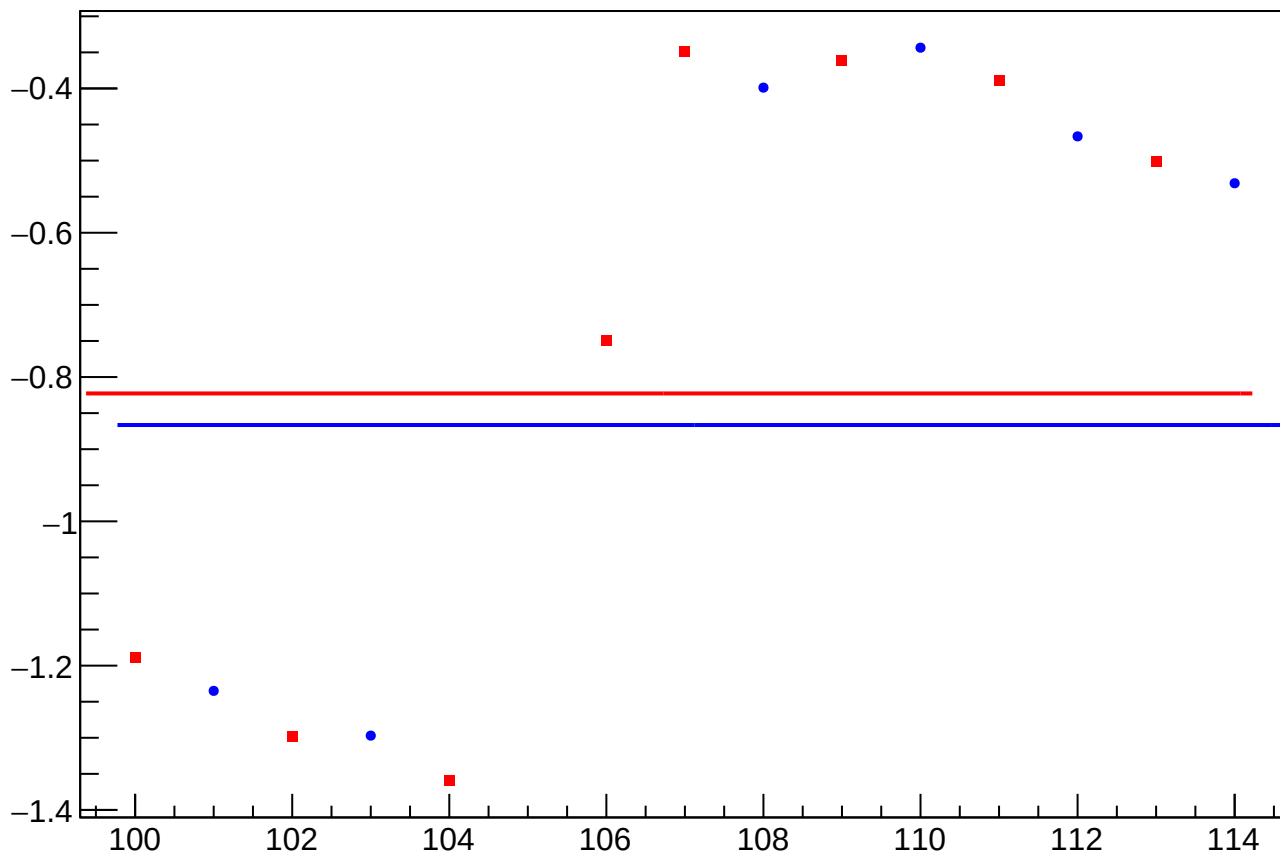
Right: 0.006+/-0.000 χ^2/NDF : 18068.3/13

In: 0.006+/-0.000 χ^2/NDF : 2483.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 18068.3/13

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.866+/-0.000 χ^2/NDF : 4073086557.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.823+/-0.000 χ^2/NDF : 5575656274.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

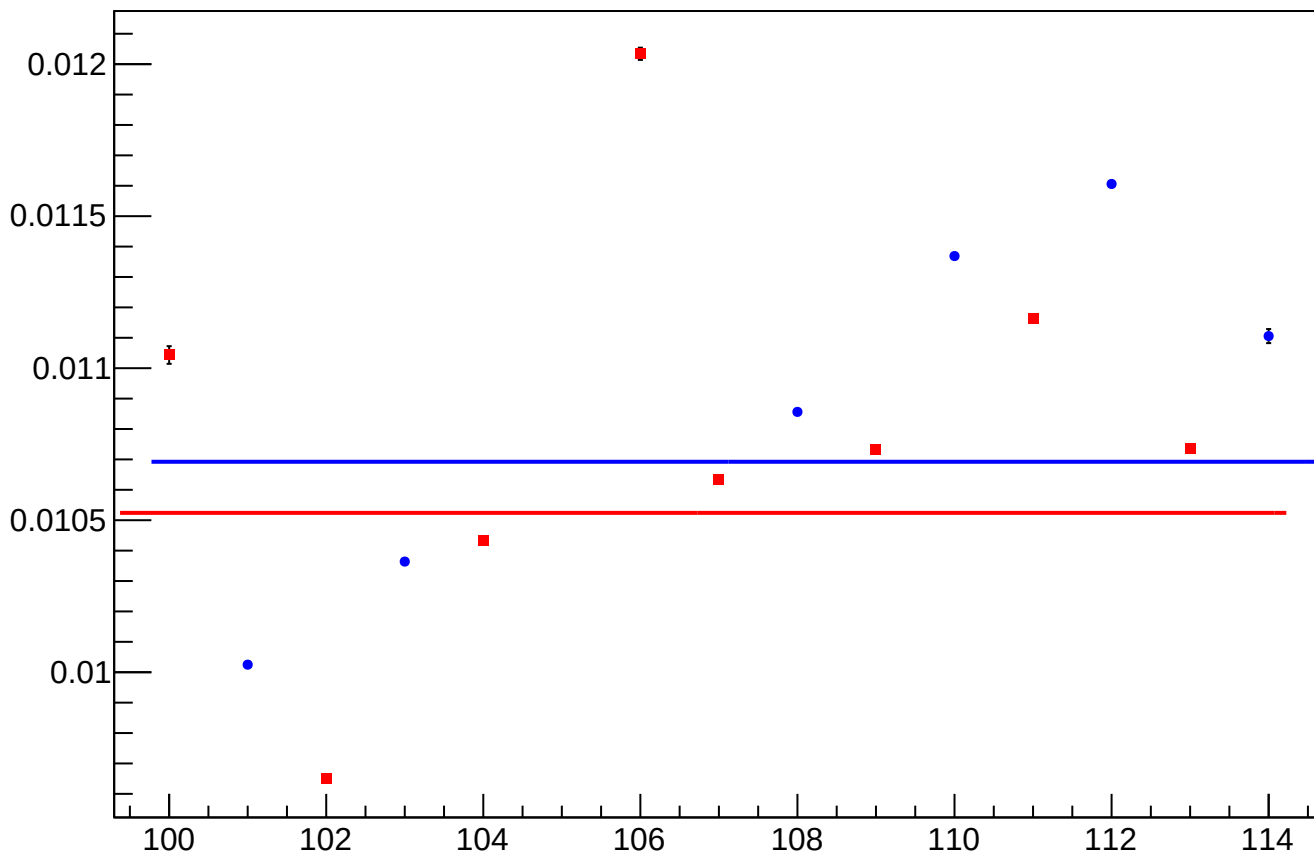
Right: -0.842+/-0.000 χ^2/NDF : 9672689724.0/13

In: -0.866+/-0.000 χ^2/NDF :4073086557.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.842+/-0.000 χ^2/NDF : 9672689724.0/13

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 16113.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 20364.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

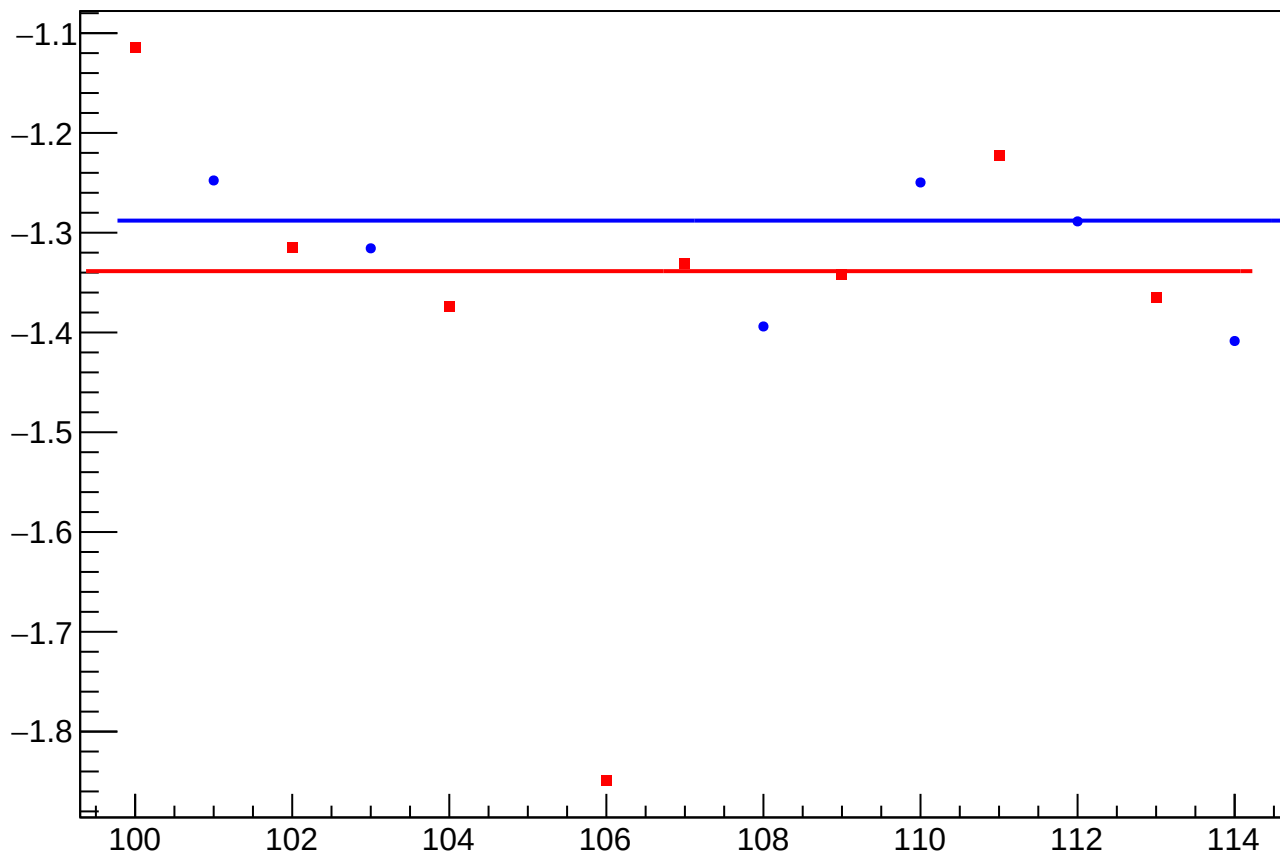
Right: 0.011+/-0.000 χ^2/NDF : 37184.4/13

In: 0.011+/-0.000 χ^2/NDF : 16113.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 37184.4/13

yield_bpm0i01Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

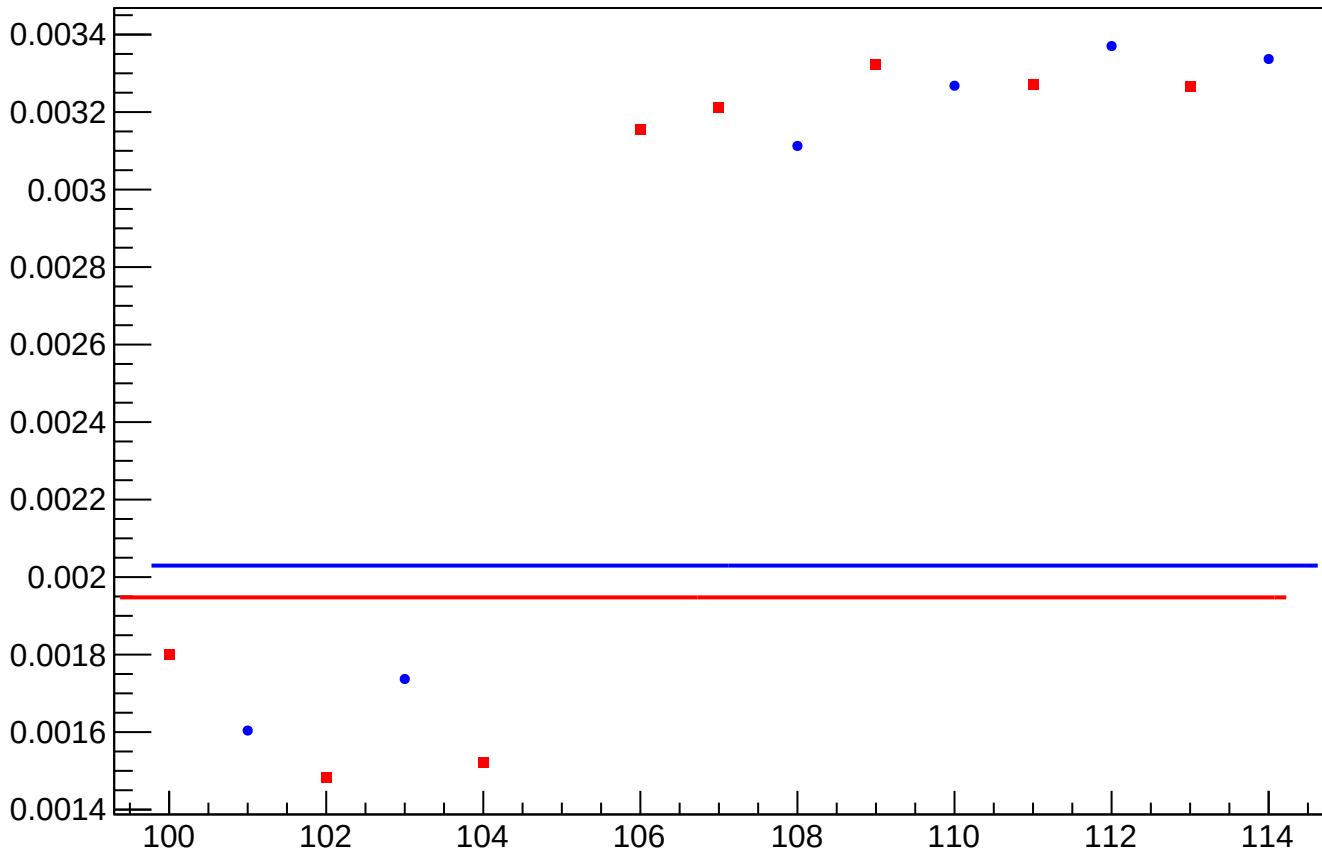
Right: -1.316+/-0.000 χ^2/NDF : 7370249451.5/13

In: -1.288+/-0.000 χ^2/NDF :1100792536.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.316+/-0.000 χ^2/NDF : 7370249451.5/13

yield_bpm0i01Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

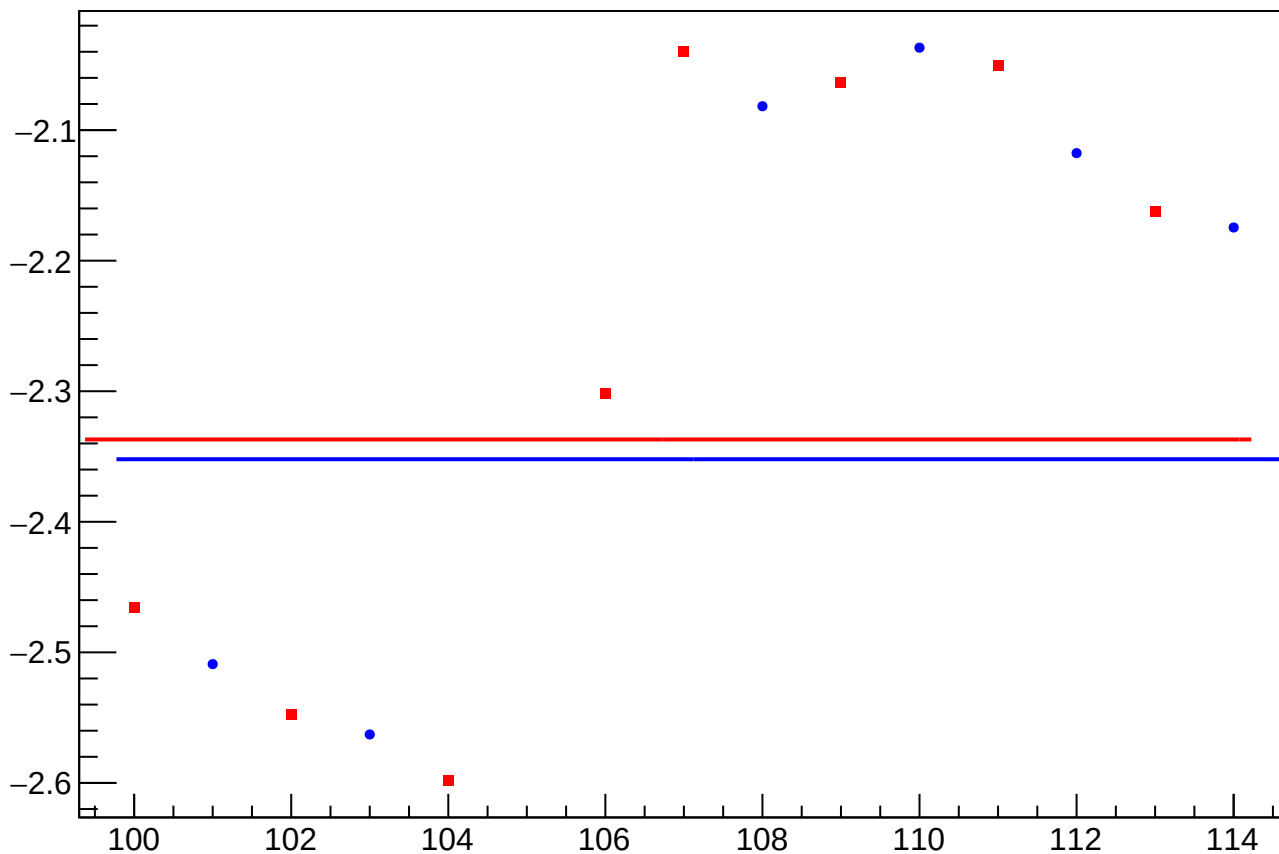
Right: 0.002+/-0.000 χ^2/NDF : 1215936.2/13

In: 0.002+/-0.000 χ^2/NDF : 467801.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1215936.2/13

yield_bpm0i01aX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

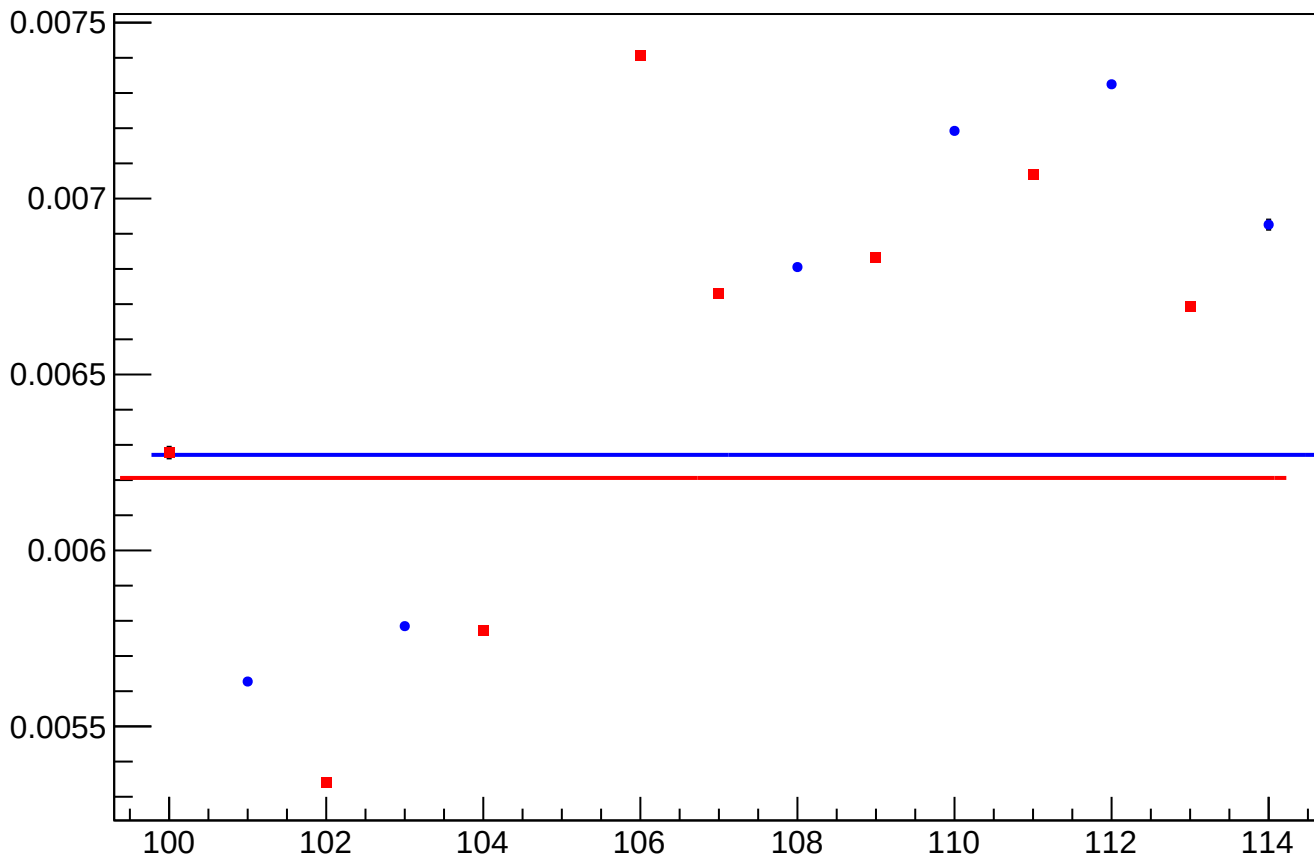
Right: -2.344+/-0.000 χ^2/NDF : 7569276008.3/13

In: -2.352+/-0.000 χ^2/NDF : 3132338312.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.344+/-0.000 χ^2/NDF : 7569276008.3/13

yield_bpm0i01aX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

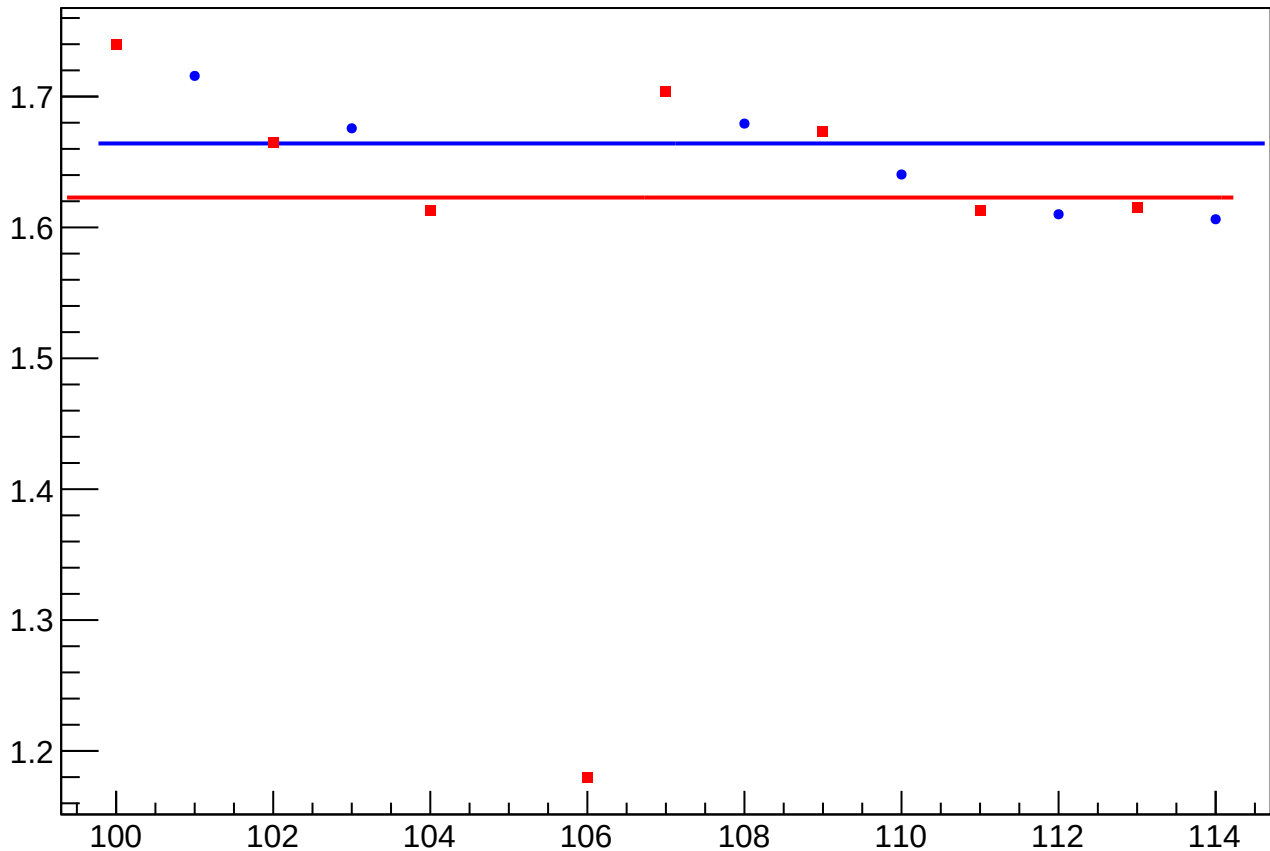
Right: 0.006+/-0.000 χ^2/NDF : 142395.3/13

In: 0.006+/-0.000 χ^2/NDF : 63576.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 142395.3/13

yield_bpm0i01aY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

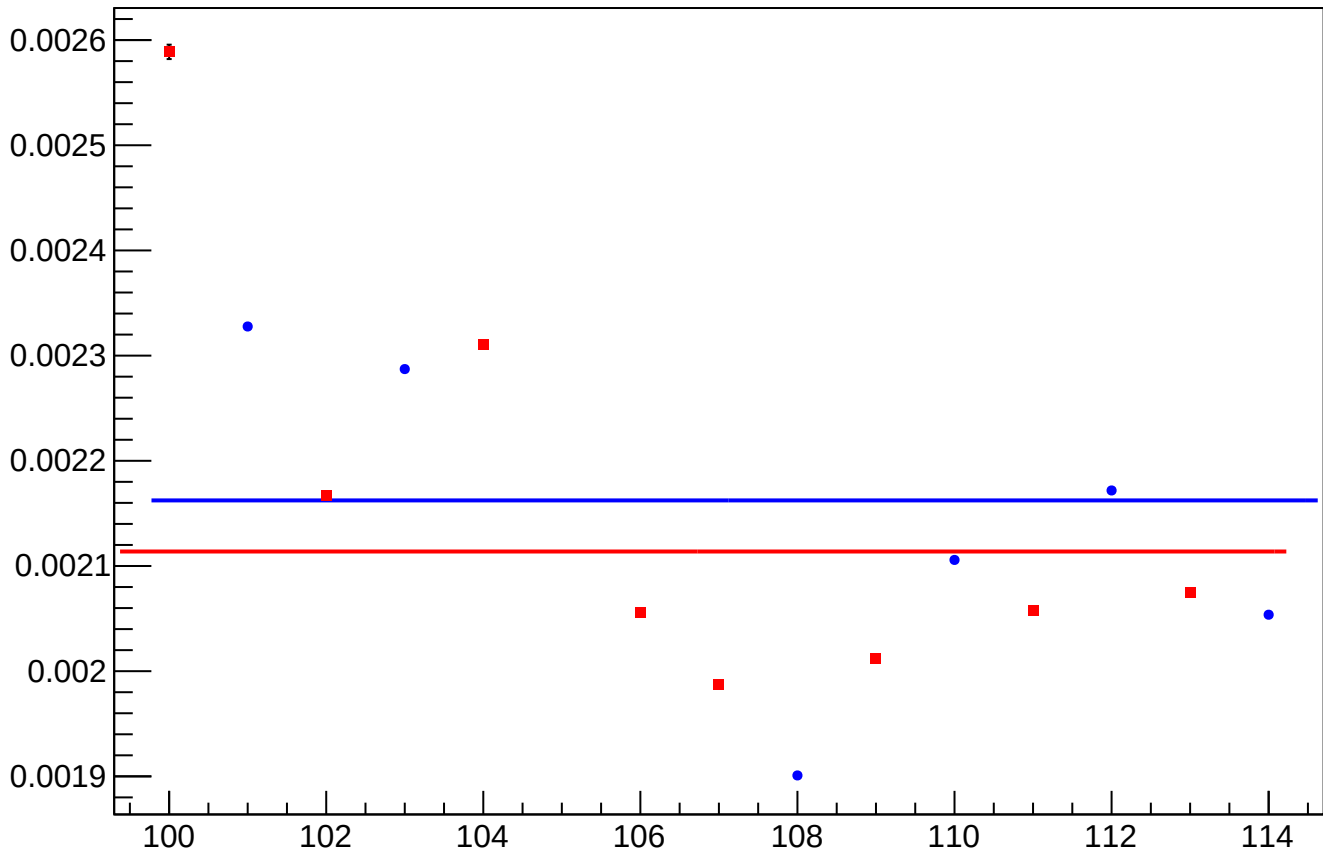
Right: 1.641+/-0.000 χ^2/NDF : 8853476742.9/13

In: 1.664+/-0.000 χ^2/NDF : 758473088.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.641+/-0.000 χ^2/NDF : 8853476742.9/13

yield_bpm0i01aY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

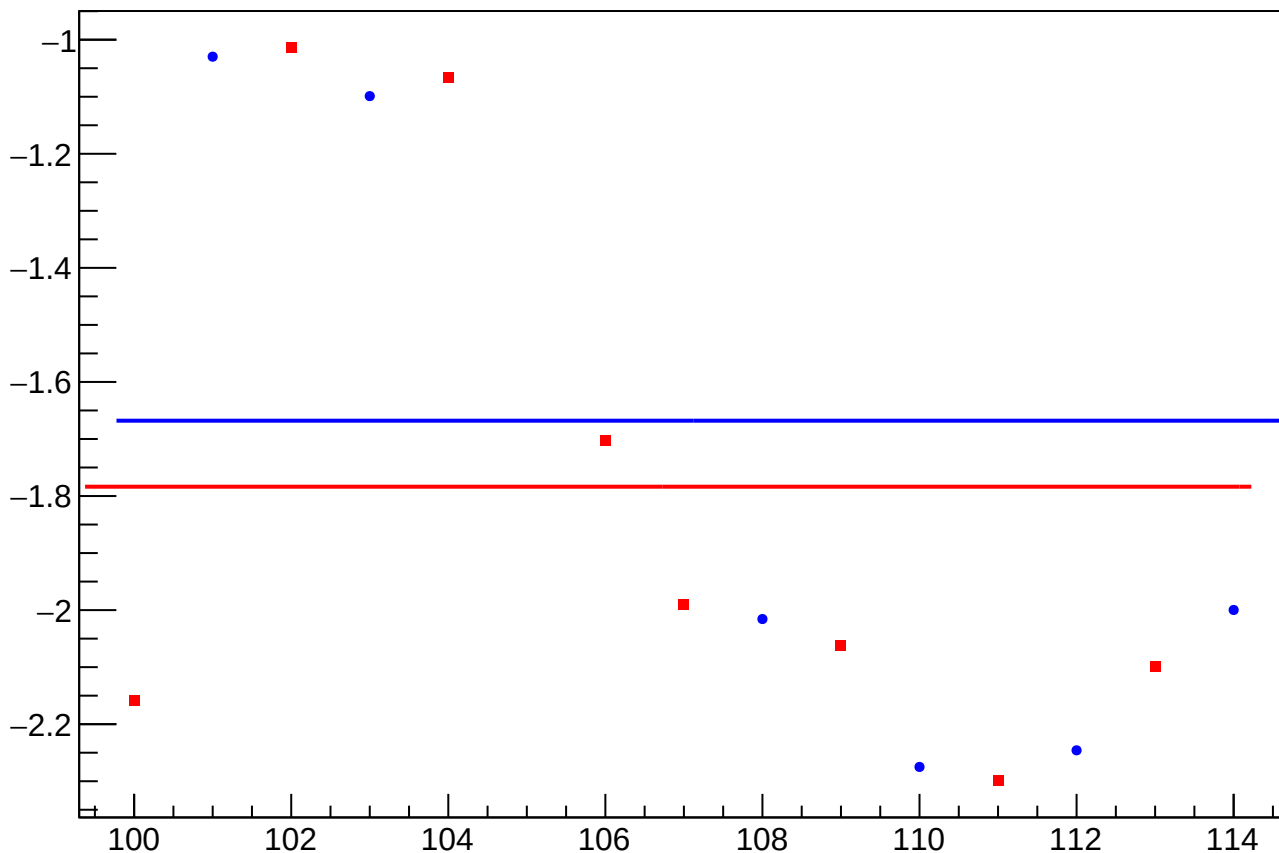
Right: 0.002+/-0.000 χ^2/NDF : 43951.0/13

In: 0.002+/-0.000 χ^2/NDF : 24392.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 43951.0/13

yield_bpm0l01X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

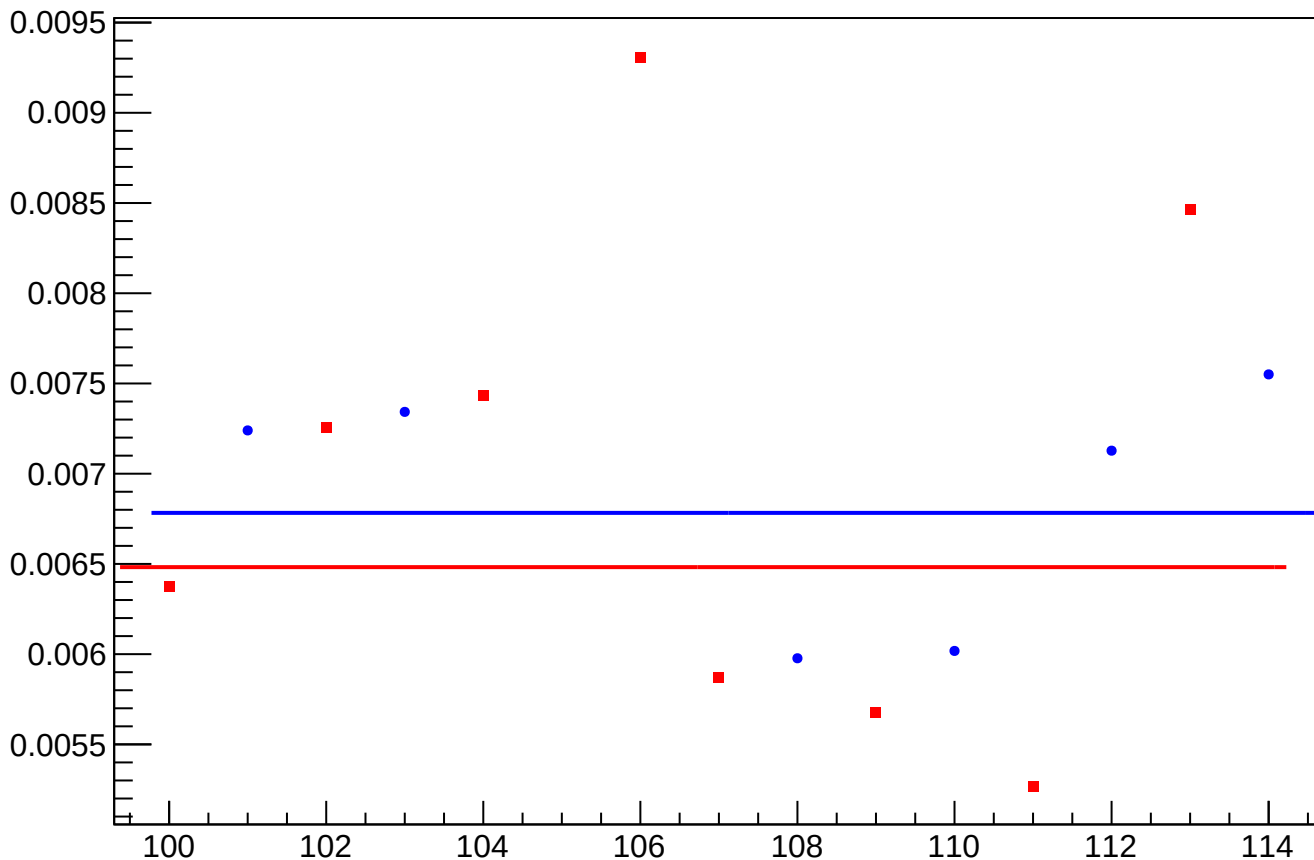
Right: -1.734+/-0.000 χ^2/NDF : 34817480785.0/13

In: -1.668+/-0.000 χ^2/NDF : 15911880890.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.734+/-0.000 χ^2/NDF : 34817480785.0/13

yield_bpm0l01X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

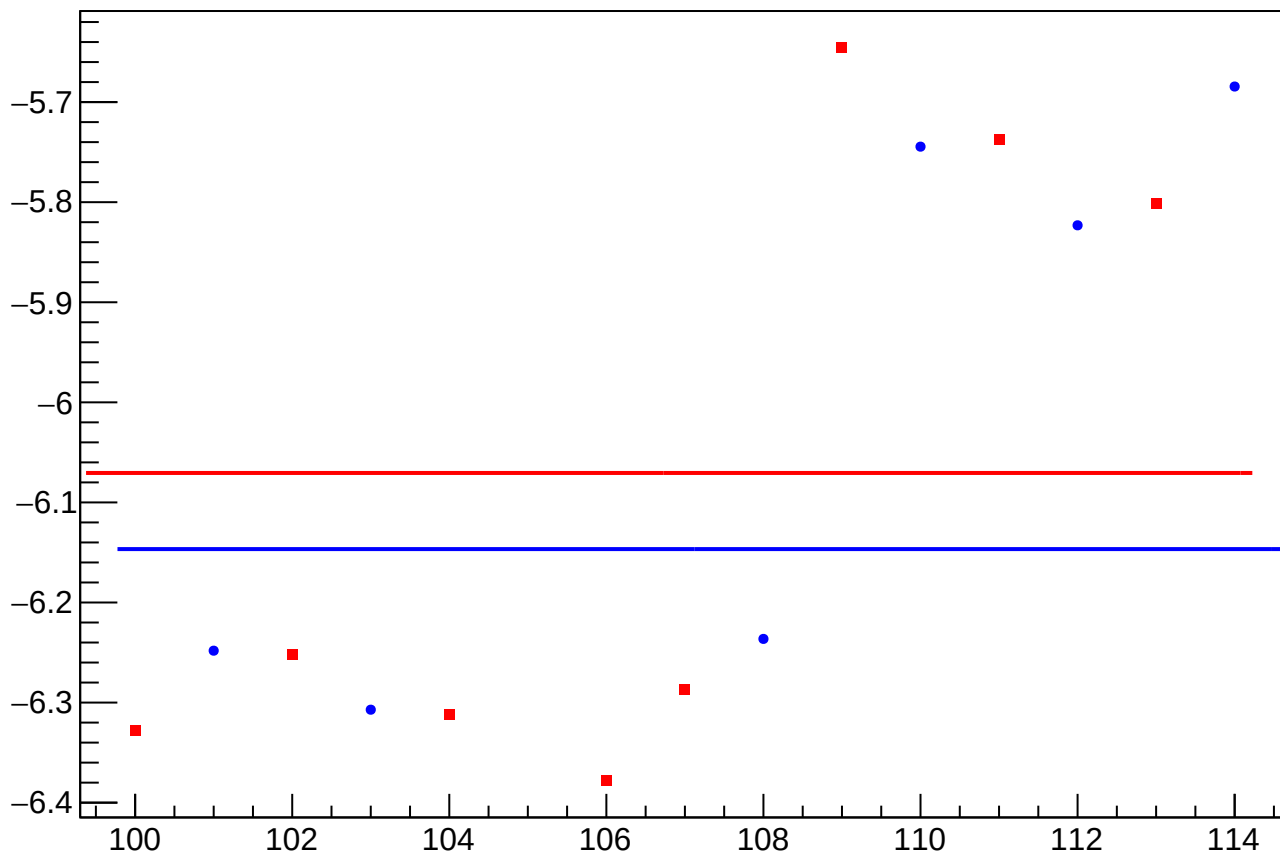
Right: 0.007+/-0.000 χ^2/NDF : 234672.9/13

In: 0.007+/-0.000 χ^2/NDF : 40955.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 234672.9/13

yield_bpm0l01Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

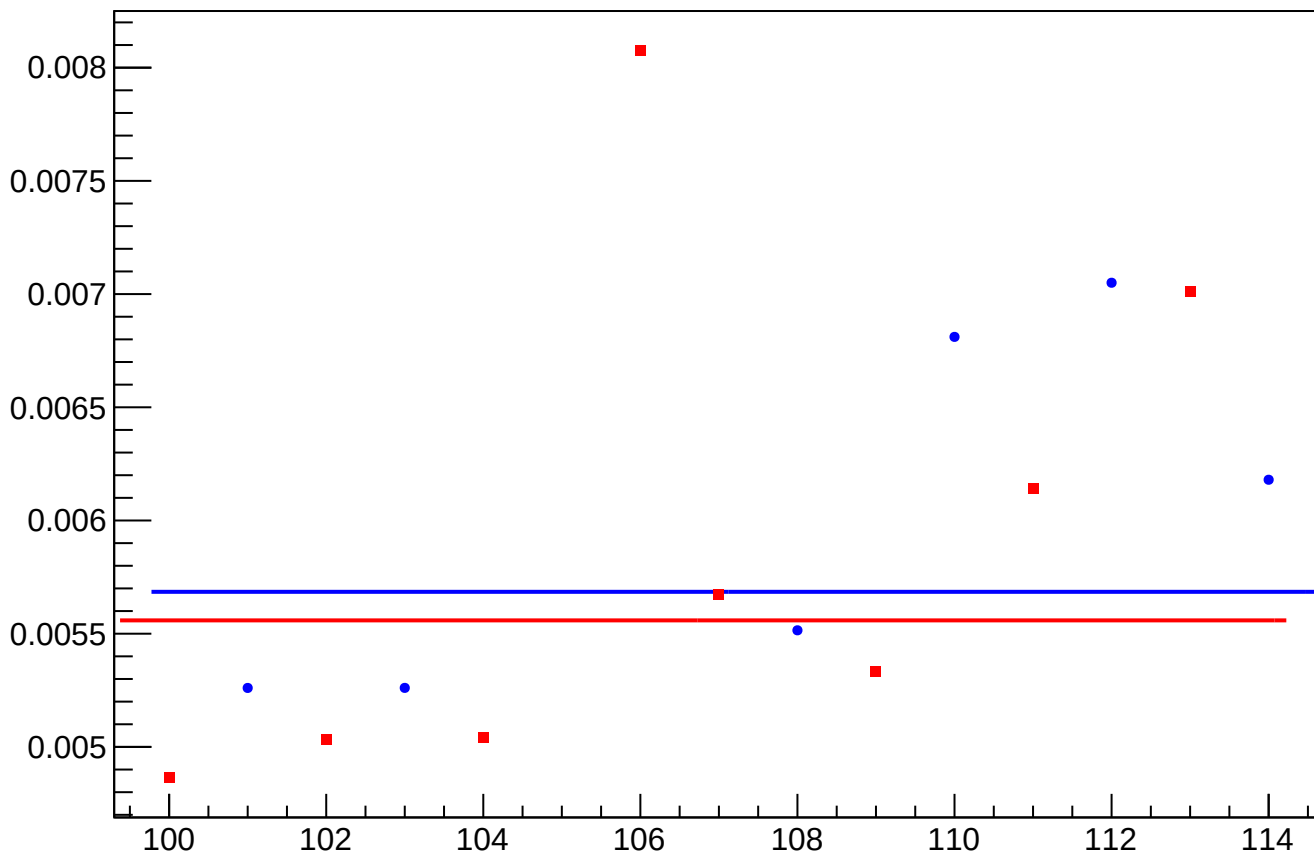
Right: -6.104+/-0.000 χ^2/NDF : 11300841185.1/13

In: -6.147+/-0.000 χ^2/NDF :3447548257.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.104+/-0.000 χ^2/NDF : 11300841185.1/13

yield_bpm0l01Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

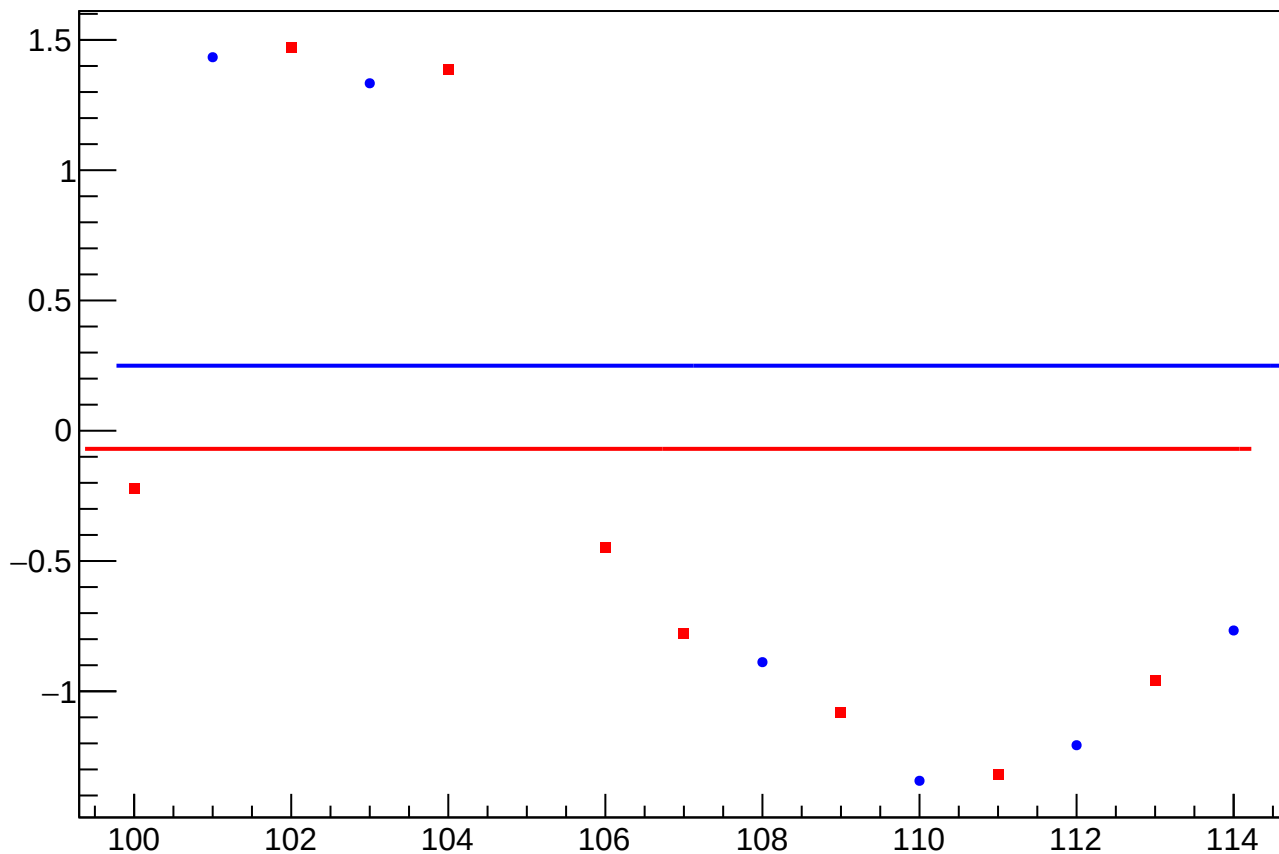
Right: 0.006+/-0.000 χ^2/NDF : 189755.2/13

In: 0.006+/-0.000 χ^2/NDF :66528.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 189755.2/13

yield_bpm0l02X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

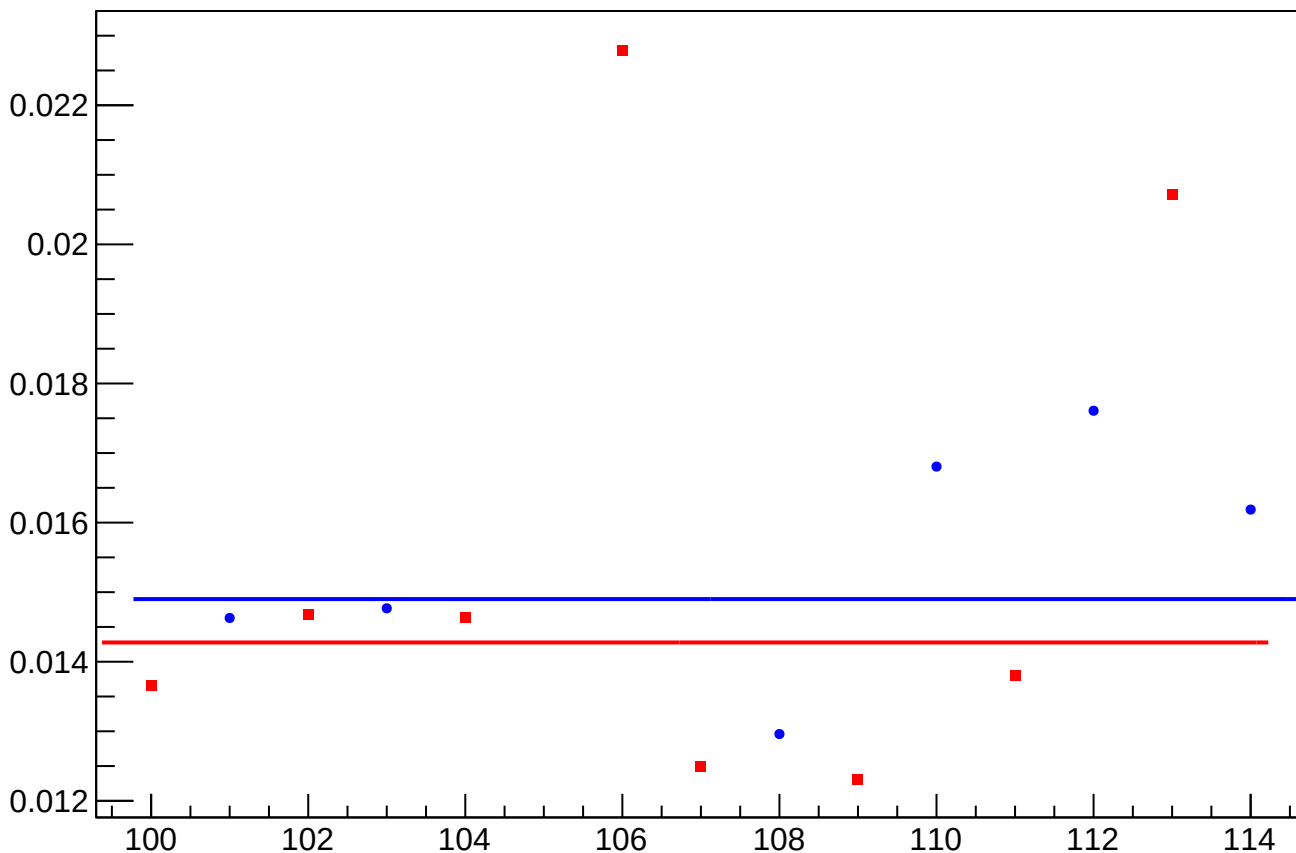
Right: 0.069+/-0.000 χ^2/NDF : 37172263126.2/13

In: 0.250+/-0.000 χ^2/NDF : 16045671532.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 37172263126.2/13

yield_bpm0l02X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

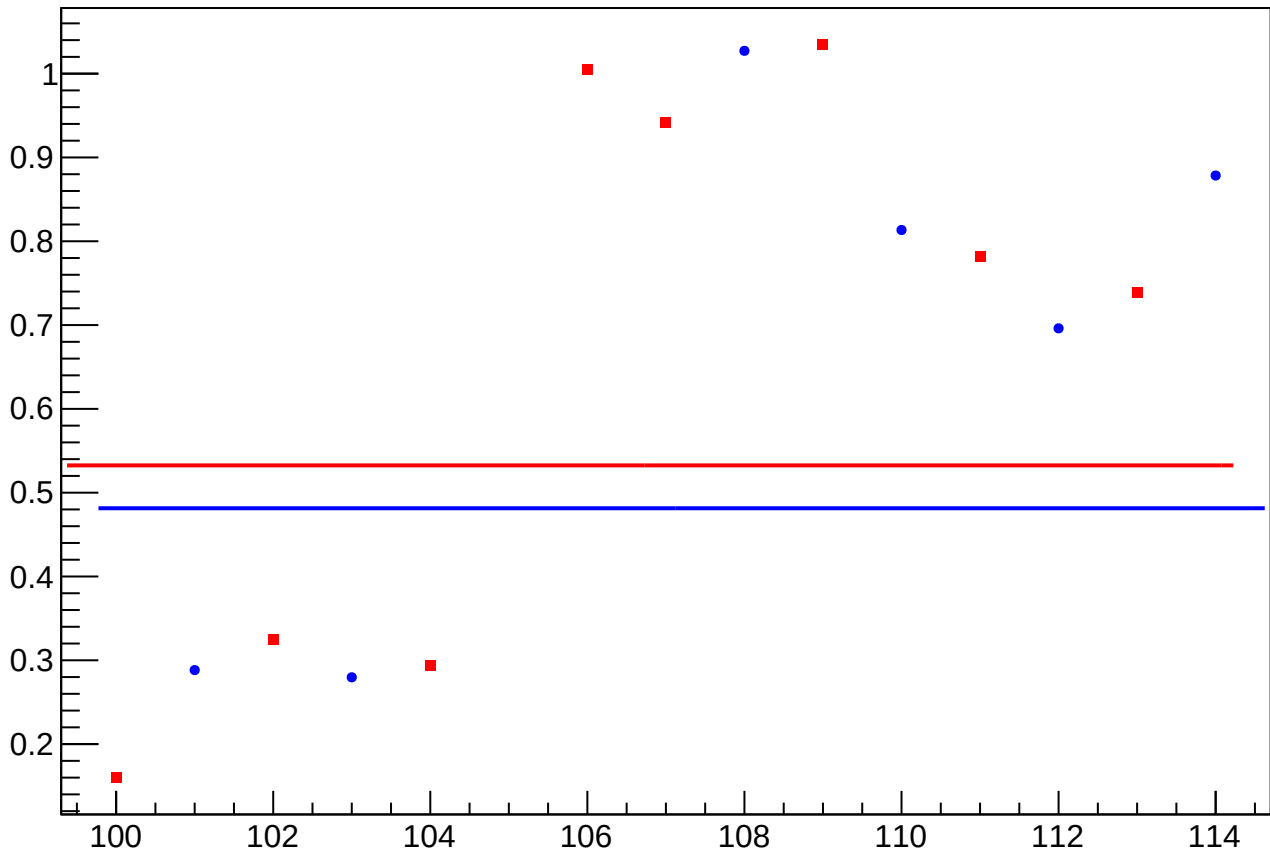
Right: 0.015+/-0.000 χ^2/NDF : 209104.8/13

In: 0.015+/-0.000 χ^2/NDF : 43957.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 209104.8/13

yield_bpm0l02Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

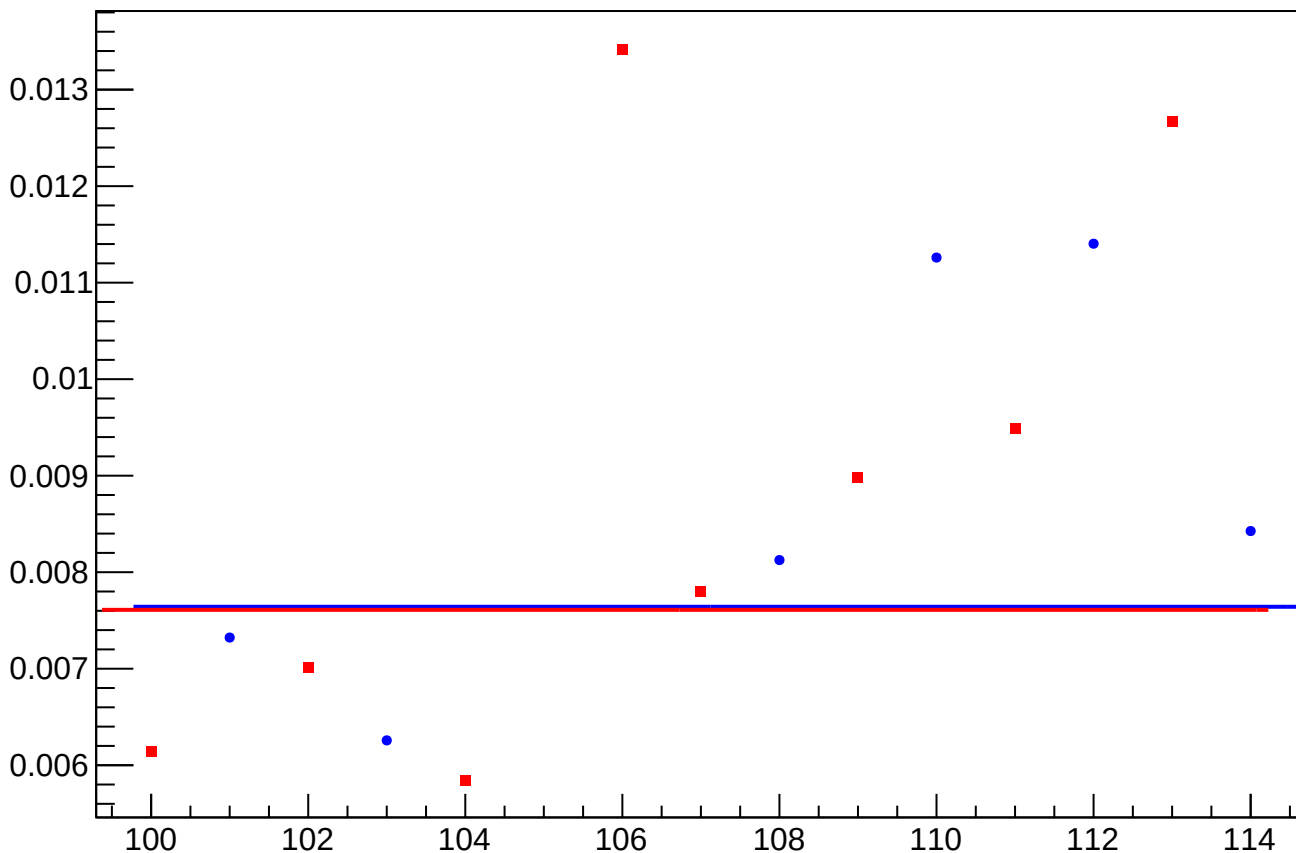
Right: 0.509+/-0.000 χ^2/NDF : 7929300552.3/13

In: 0.481+/-0.000 χ^2/NDF :3440667008.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.509+/-0.000 χ^2/NDF : 7929300552.3/13

yield_bpm0l02Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

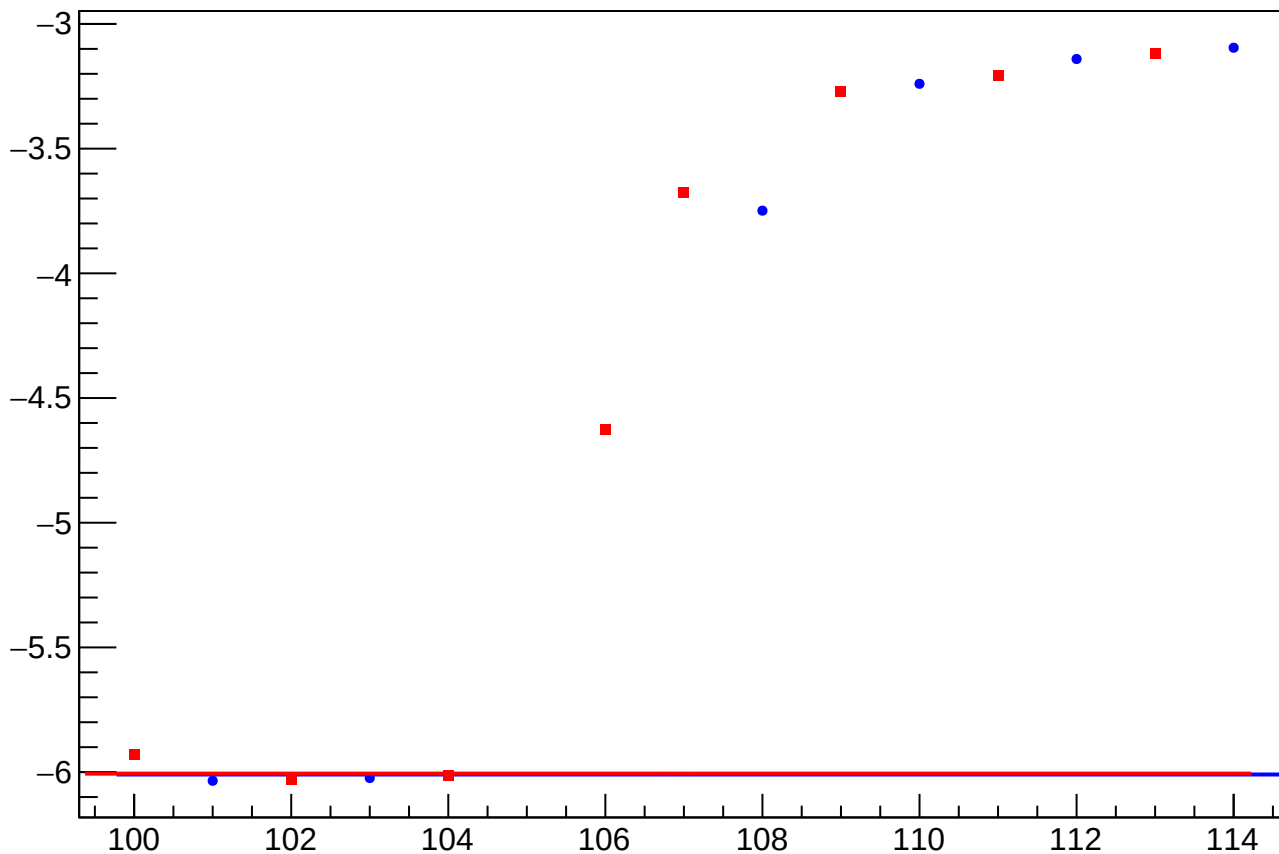
Right: 0.008+/-0.000 χ^2/NDF : 564521.7/13

In: 0.008+/-0.000 χ^2/NDF : 212760.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 564521.7/13

yield_bpm0l03X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

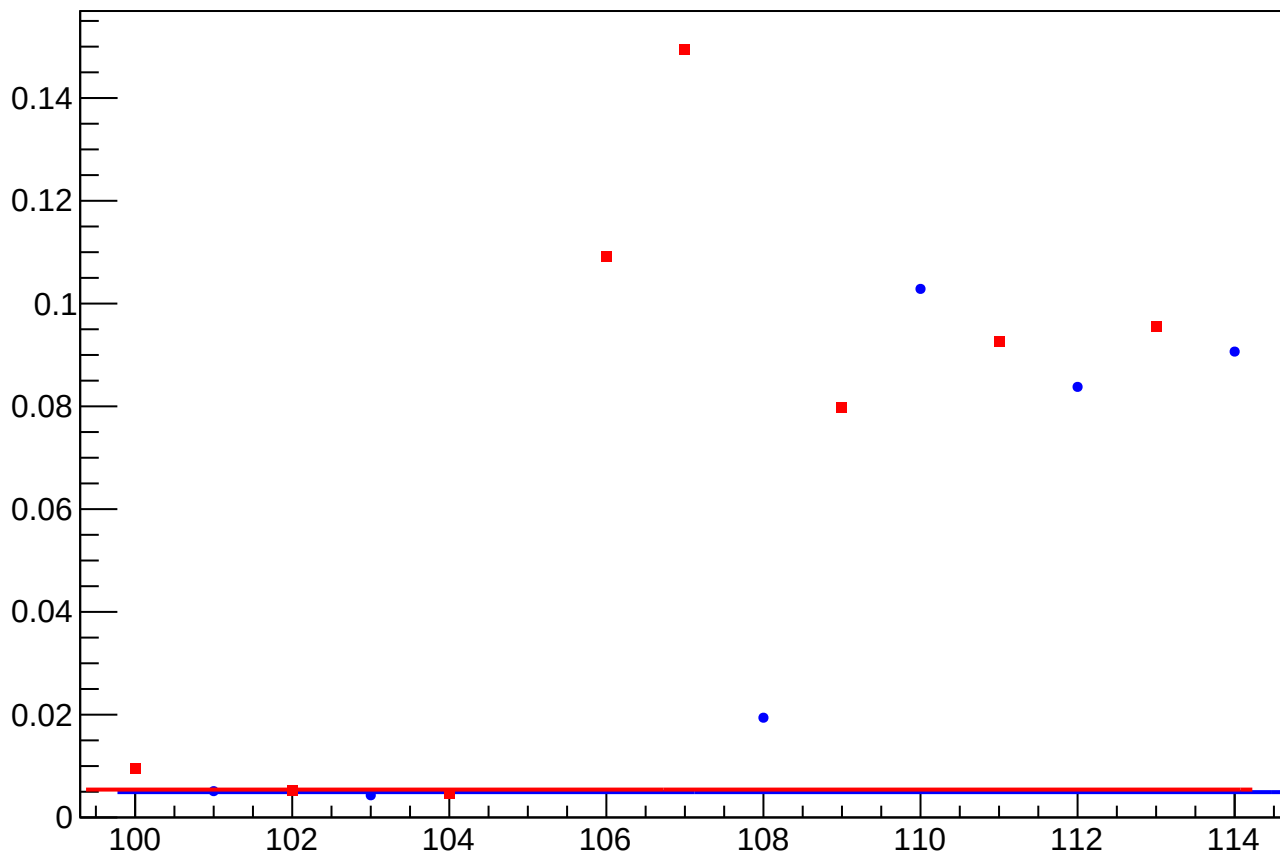
Right: -6.008+/-0.000 χ^2/NDF : 3857737767.7/13

In: -6.010+/-0.000 χ^2/NDF : 2361829044.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.008+/-0.000 χ^2/NDF : 3857737767.7/13

yield_bpm0l03X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

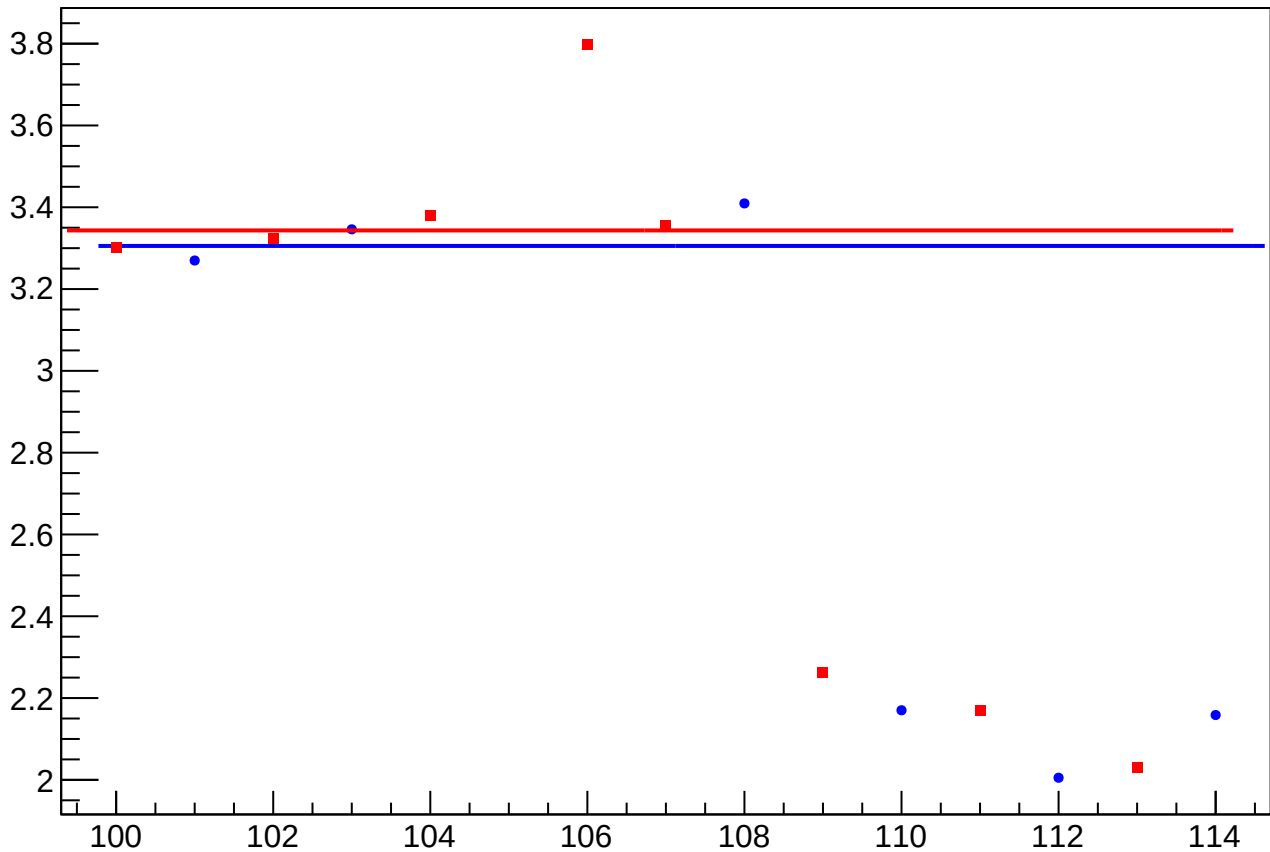
Right: 0.005+/-0.000 χ^2/NDF : 5183088.4/13

In: 0.005+/-0.000 χ^2/NDF :1773881.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5183088.4/13

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.305+/-0.000 χ^2/NDF : 208352814.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.343+/-0.000 χ^2/NDF : 260836385.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

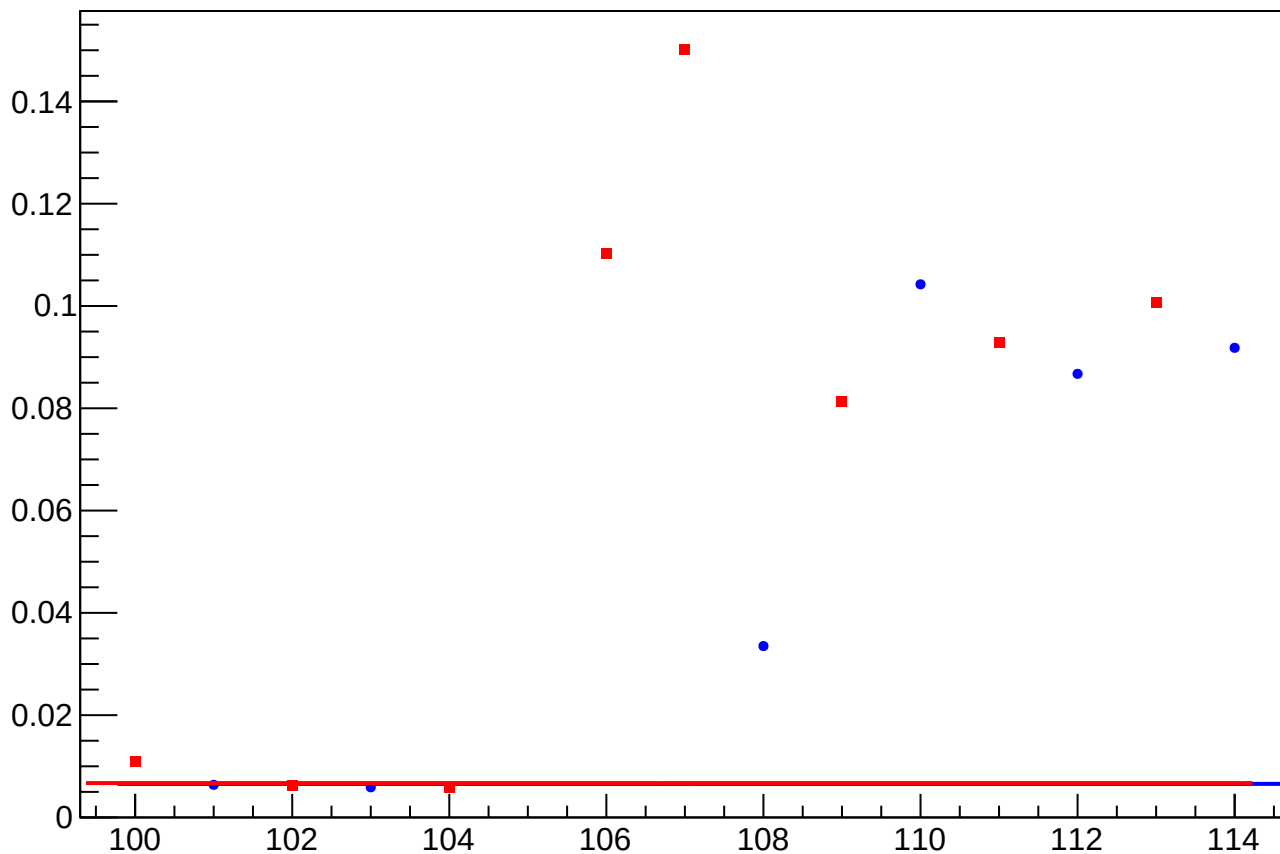
Right: 3.324+/-0.000 χ^2/NDF : 490333829.0/13

In: 3.305+/-0.000 χ^2/NDF : 208352814.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.324+/-0.000 χ^2/NDF : 490333829.0/13

yield_bpm0l03Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

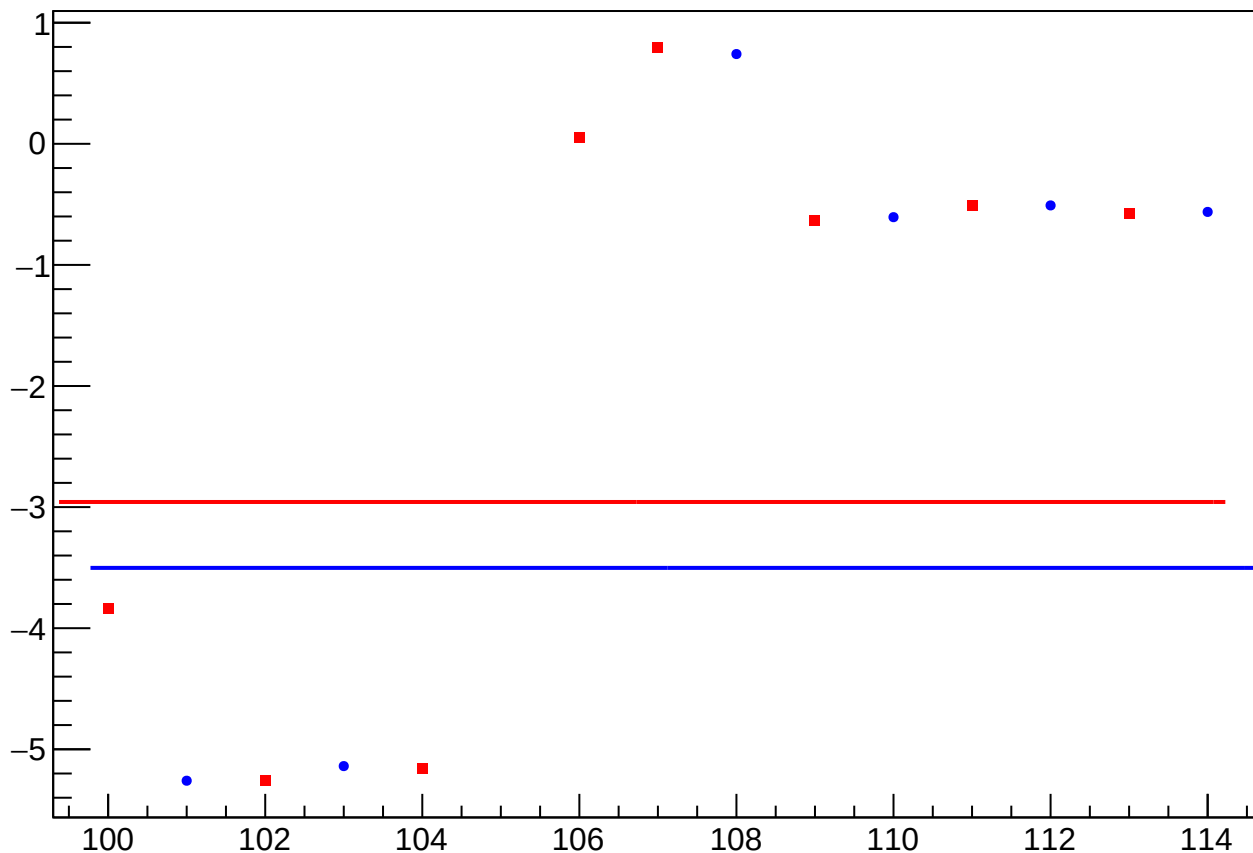
Right: 0.007+/-0.000 χ^2/NDF : 5102558.1/13

In: 0.007+/-0.000 χ^2/NDF : 1802963.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5102558.1/13

yield_bpm0l04X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

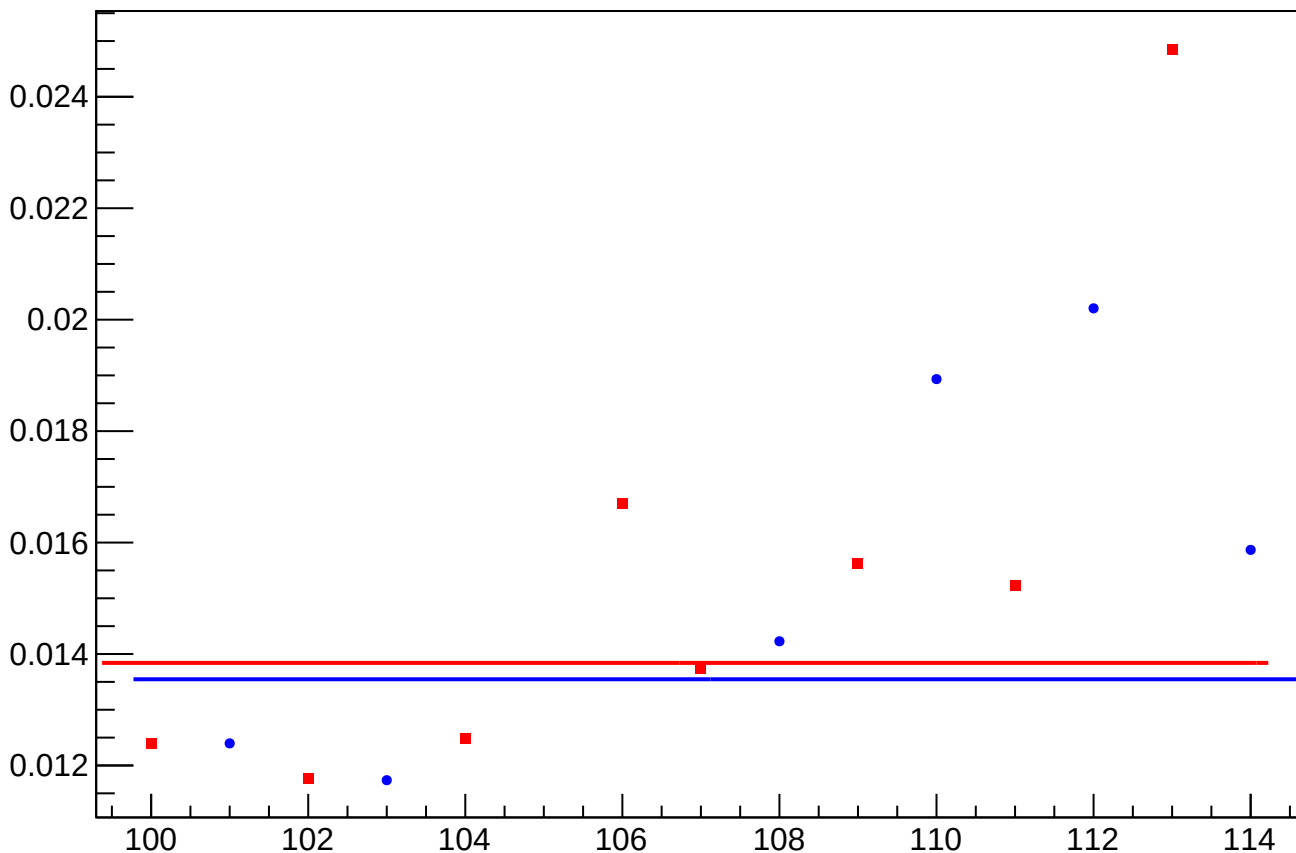
Right: -3.205+/-0.000 χ^2/NDF : 172557961410.6/13

In: -3.502+/-0.000 χ^2/NDF : 77508708914.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.205+/-0.000 χ^2/NDF : 172557961410.6

yield_bpm0l04X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

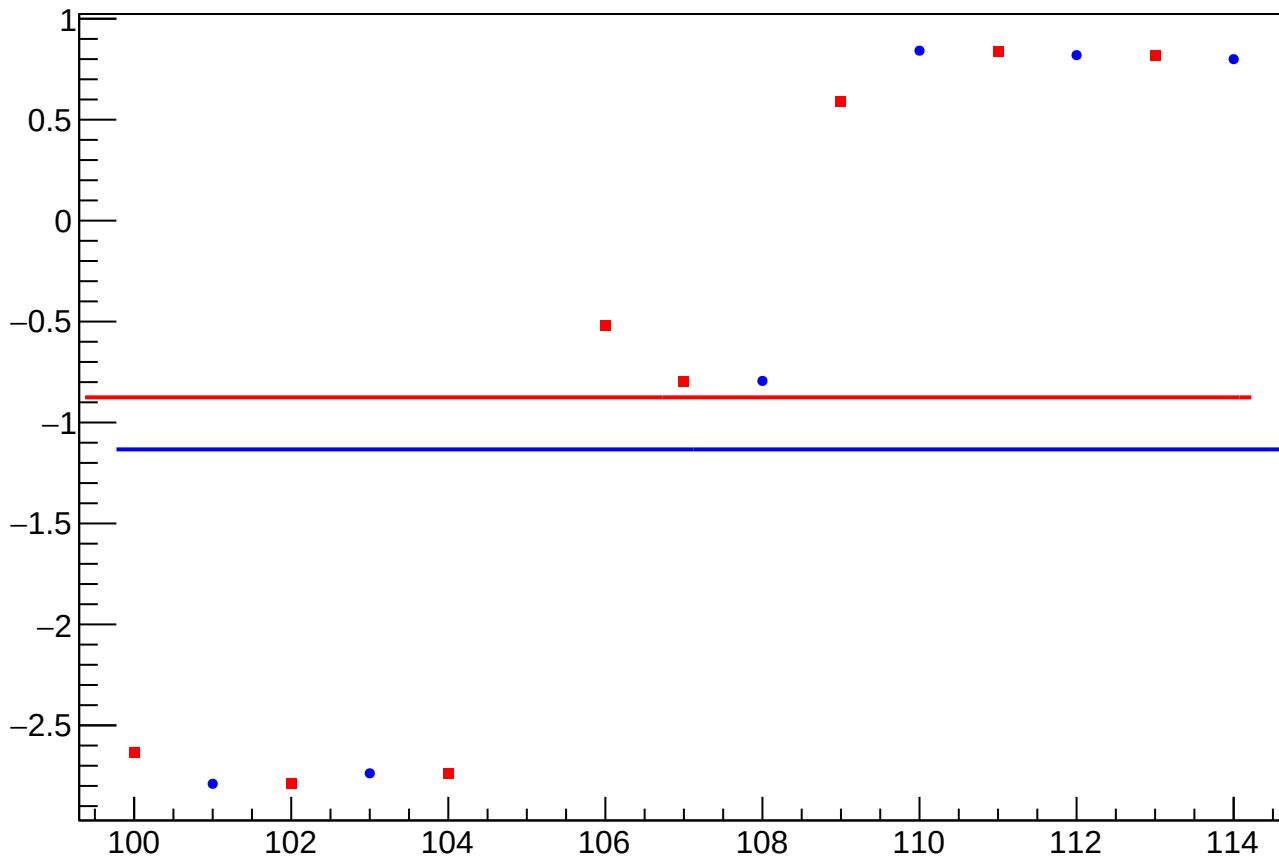
Right: 0.014+/-0.000 χ^2/NDF : 391959.6/13

In: 0.014+/-0.000 χ^2/NDF : 172236.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 391959.6/13

yield_bpm0l04Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

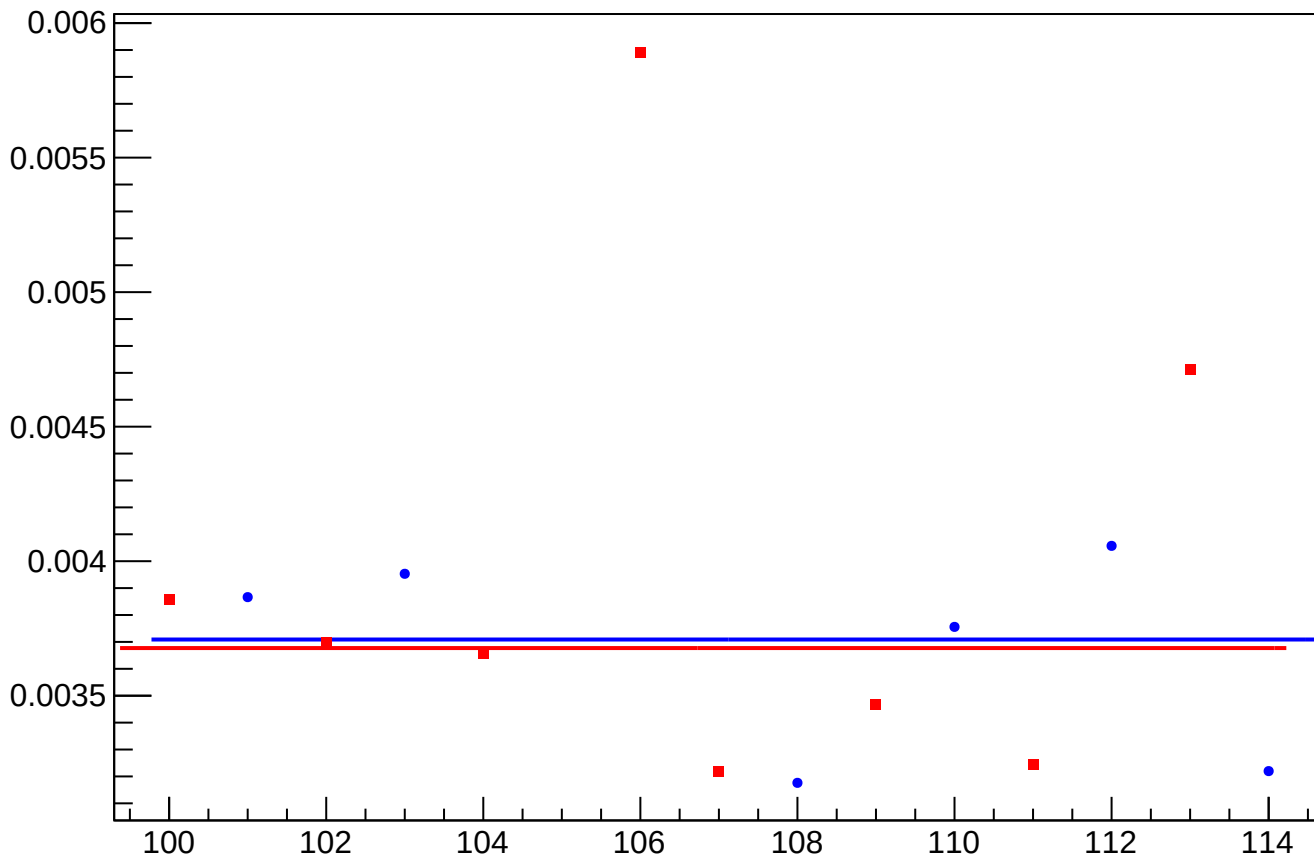
Right: -0.991+/-0.000 χ^2/NDF : 1039075748263.7/1

In: -1.133+/-0.000 χ^2/NDF :450359706156.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.991+/-0.000 χ^2/NDF : 1039075748263

yield_bpm0l04Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

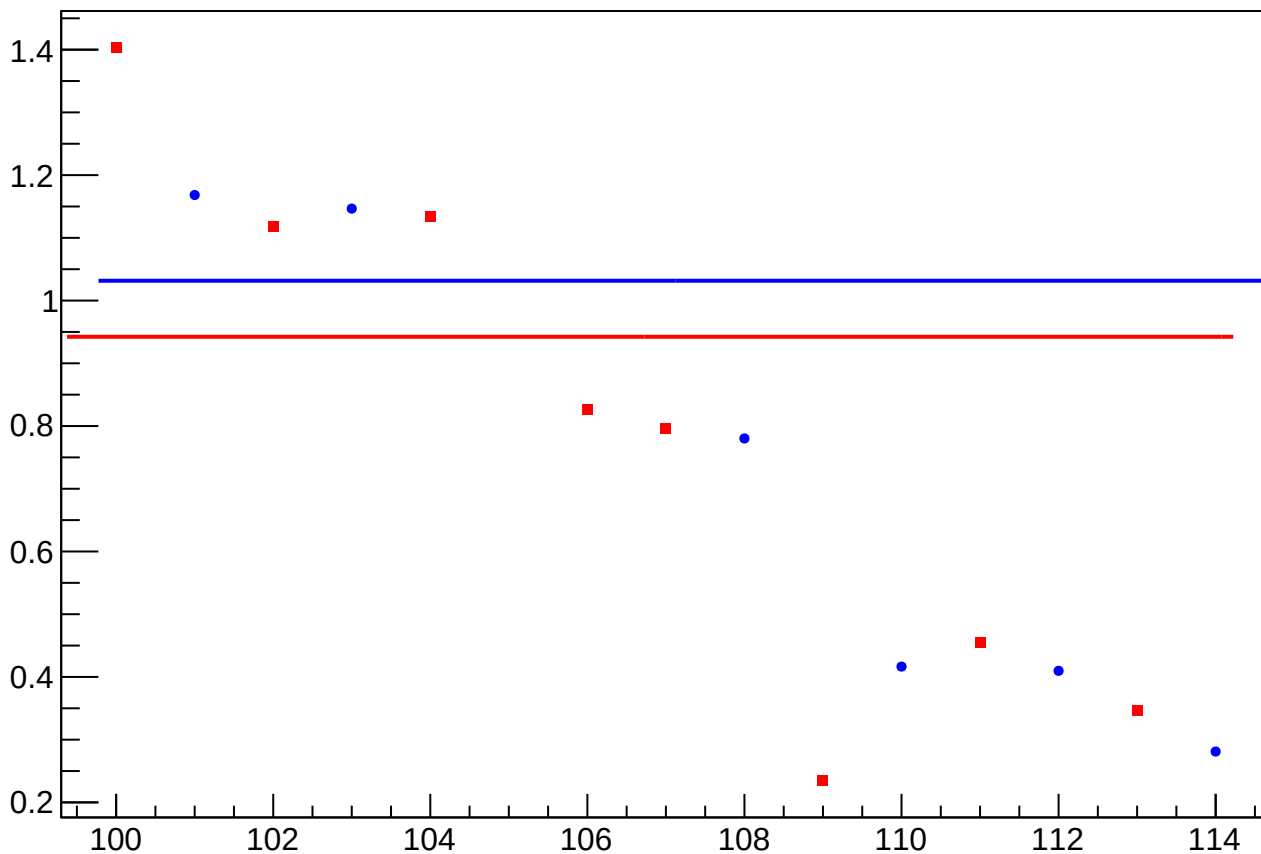
Right: 0.004+/-0.000 χ^2/NDF : 187673.8/13

In: 0.004+/-0.000 χ^2/NDF :40351.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 187673.8/13

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.032+/-0.000 χ^2/NDF : 6147749539.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.942+/-0.000 χ^2/NDF : 10538190829.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

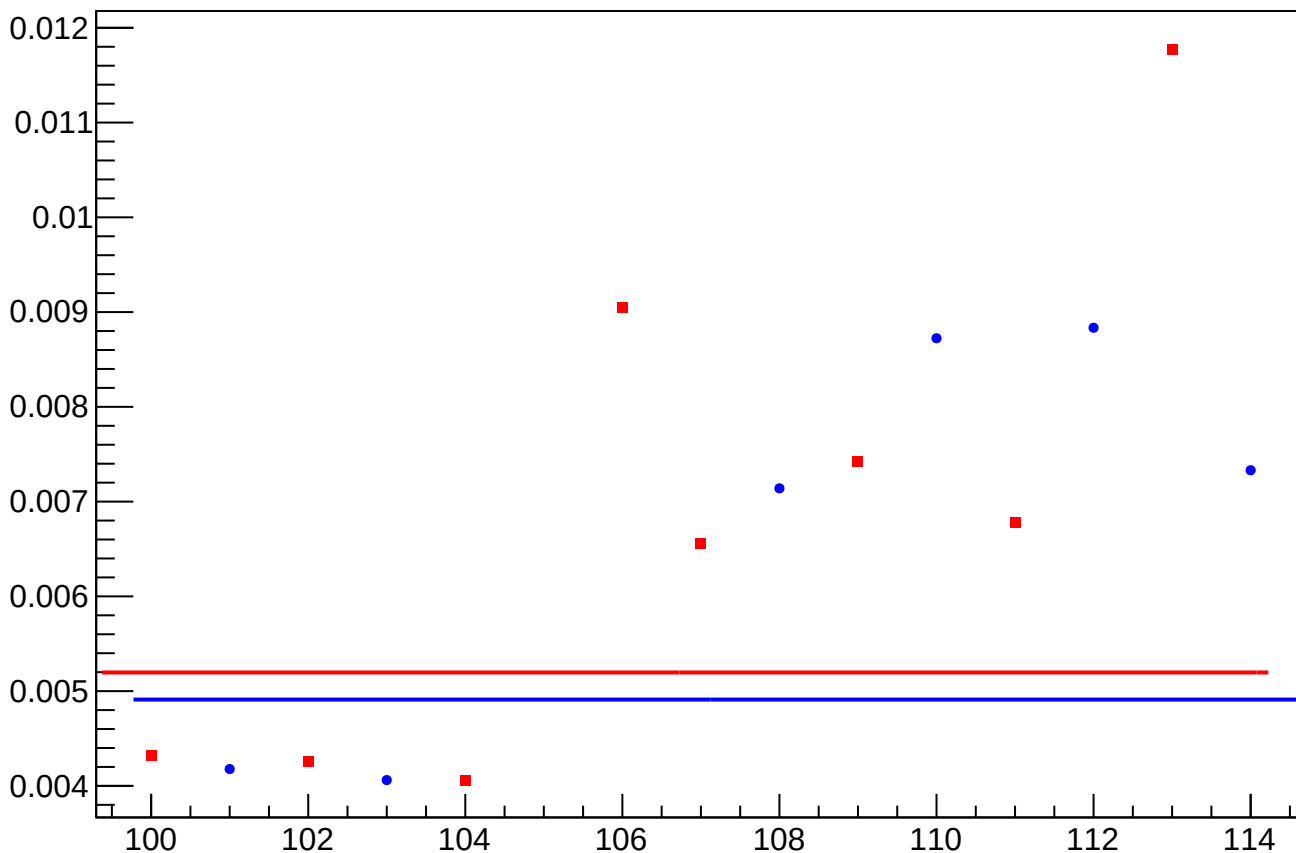
Right: 0.985+/-0.000 χ^2/NDF : 17056109850.7/13

In: 1.032+/-0.000 χ^2/NDF : 6147749539.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.985+/-0.000 χ^2/NDF : 17056109850.7/13

yield_bpm0l05X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

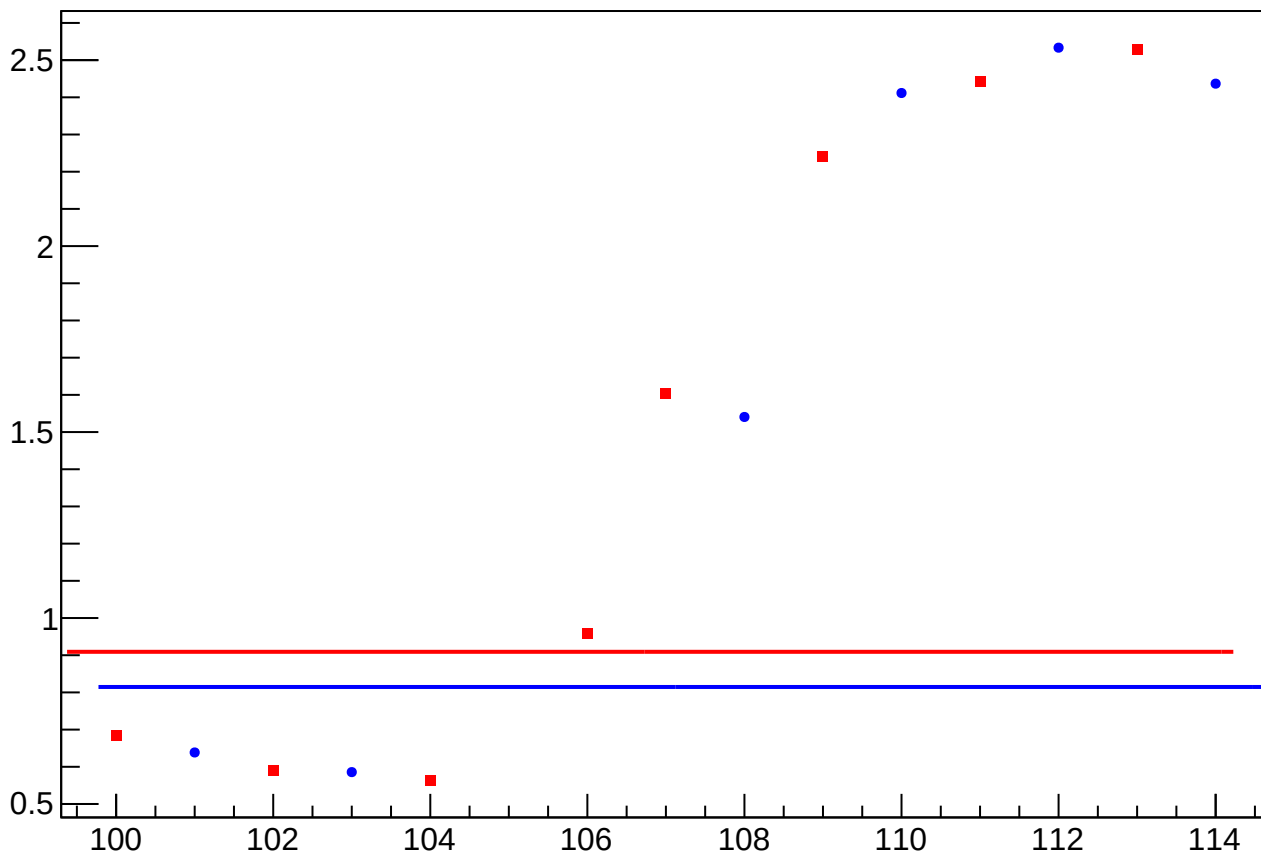
Right: 0.005+/-0.000 χ^2/NDF : 1057981.0/13

In: 0.005+/-0.000 χ^2/NDF : 452633.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1057981.0/13

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.815+/-0.000

χ^2/NDF : 28708231297.6/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.864+/-0.000 χ^2/NDF : 77750857169.5/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.909+/-0.000

χ^2/NDF : 48566491332.0/7

In: 0.815+/-0.000 χ^2/NDF : 28708231297.6/5

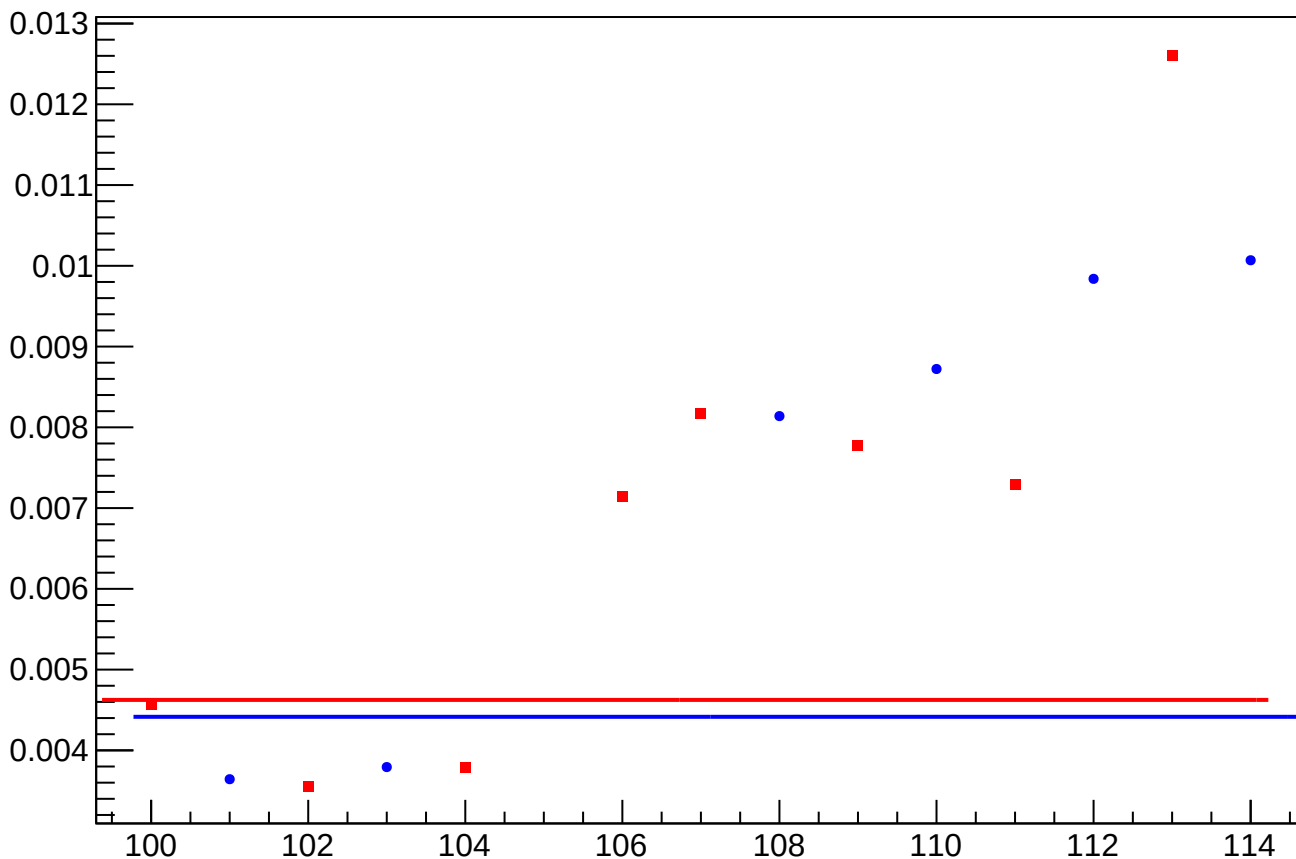
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.864+/-0.000 χ^2/NDF : 77750857169.5/13

yield_bpm0l05Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

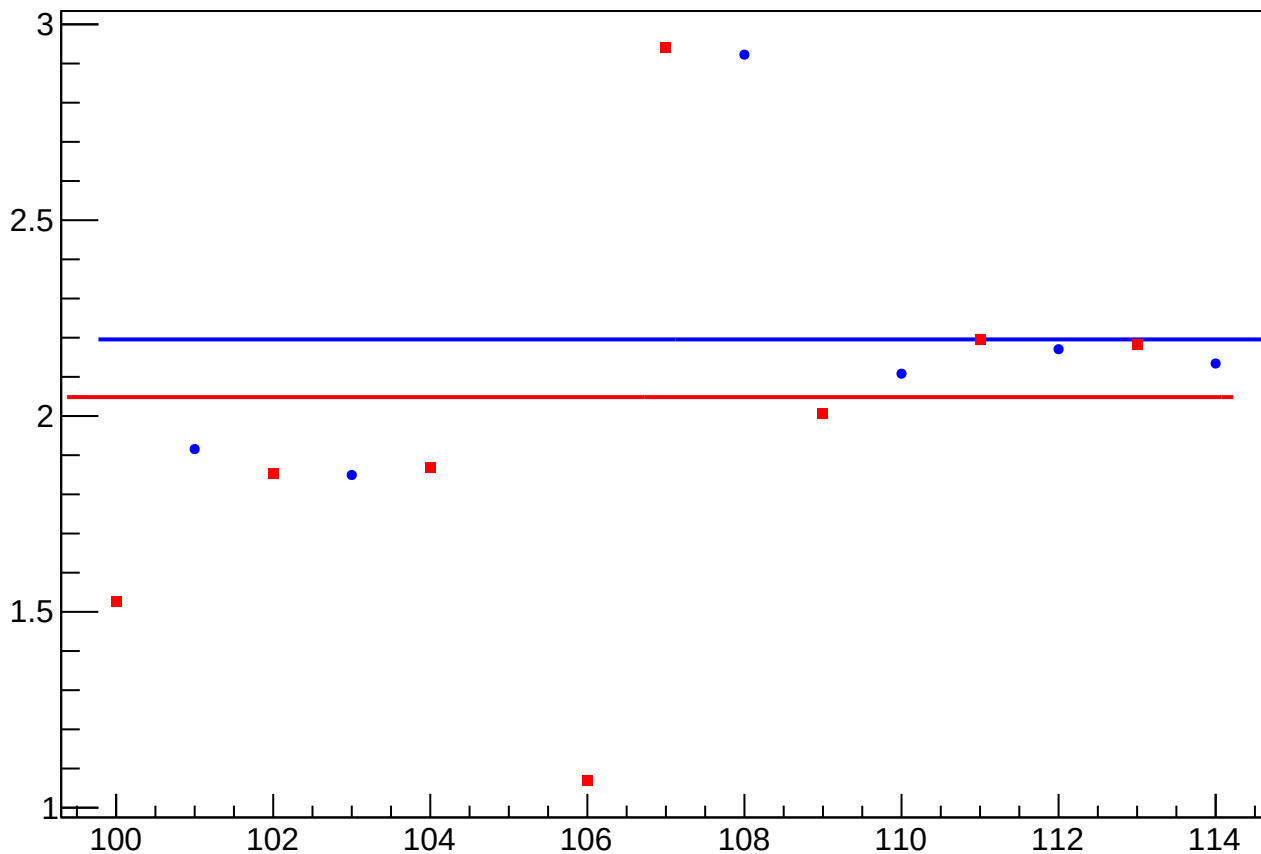
Right: 0.005+/-0.000 χ^2/NDF : 1446381.1/13

In: 0.004+/-0.000 χ^2/NDF : 652066.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1446381.1/13

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.196+/-0.000

χ^2/NDF : 7573826072.4/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.114+/-0.000 χ^2/NDF : 19362780908.0/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.196+/-0.000 χ^2/NDF : 7573826072.4/5

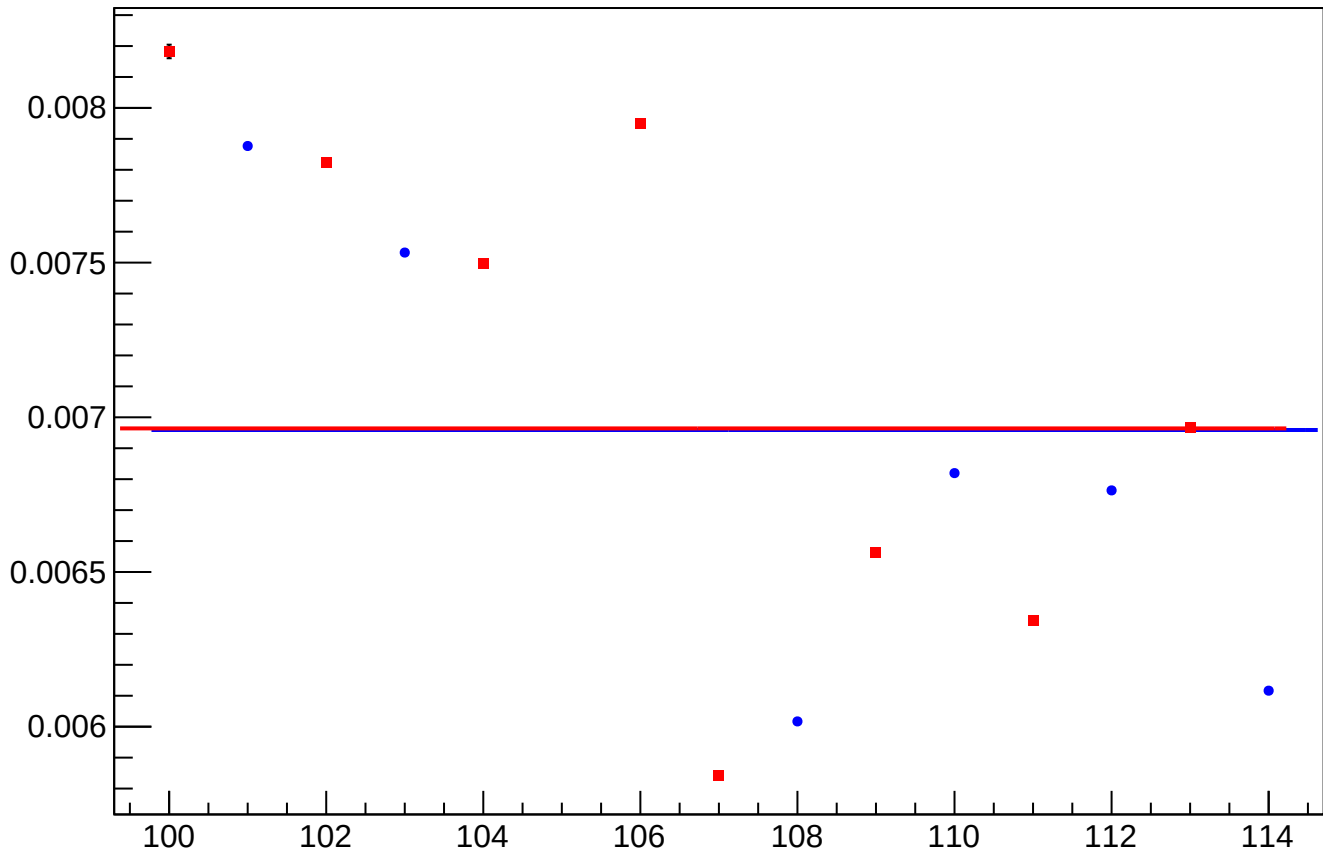
Right Out: 2.048+/-0.000 χ^2/NDF : 11175274615.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.114+/-0.000 χ^2/NDF : 19362780908.0/13

yield_bpm0l06X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

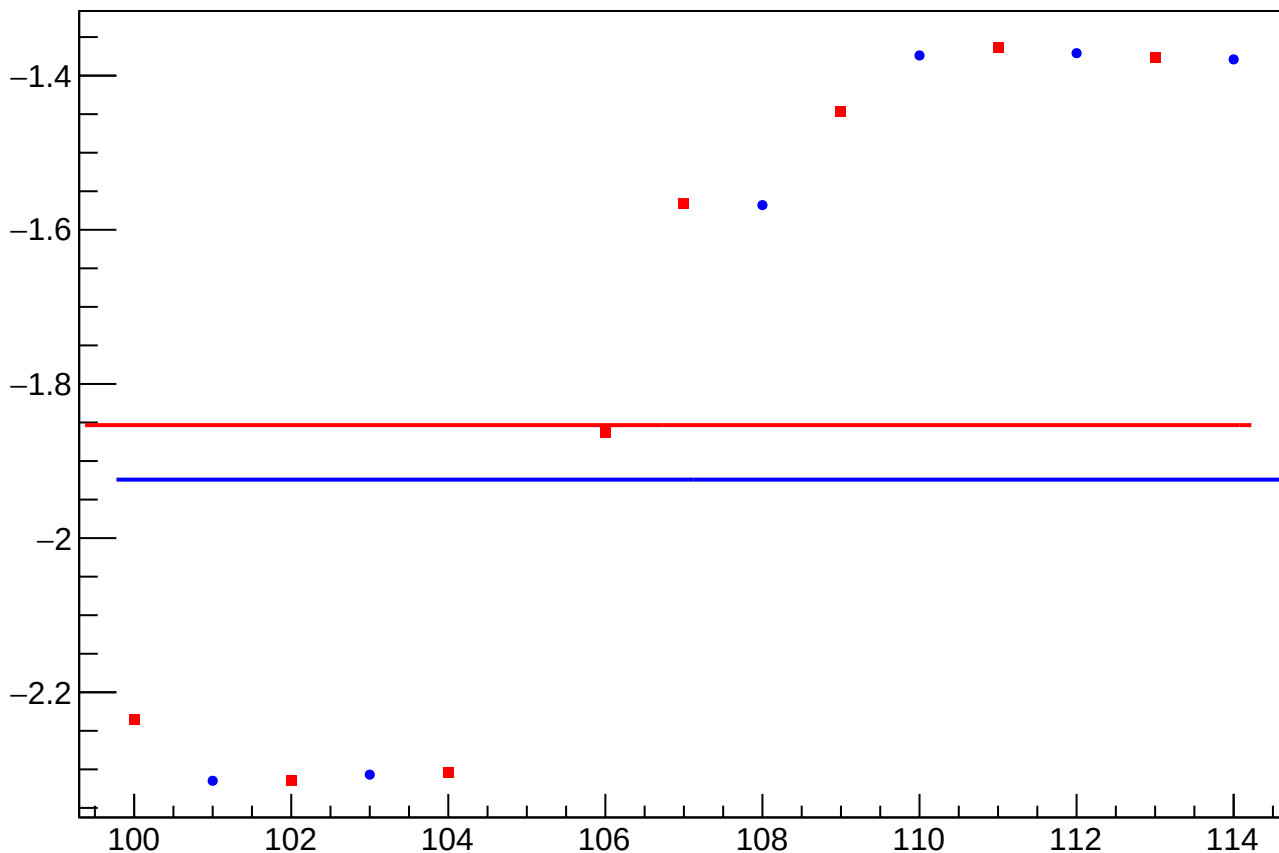
Right: 0.007+/-0.000 χ^2/NDF : 109122.2/13

In: 0.007+/-0.000 χ^2/NDF : 47445.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 109122.2/13

yield_bpm0l06Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

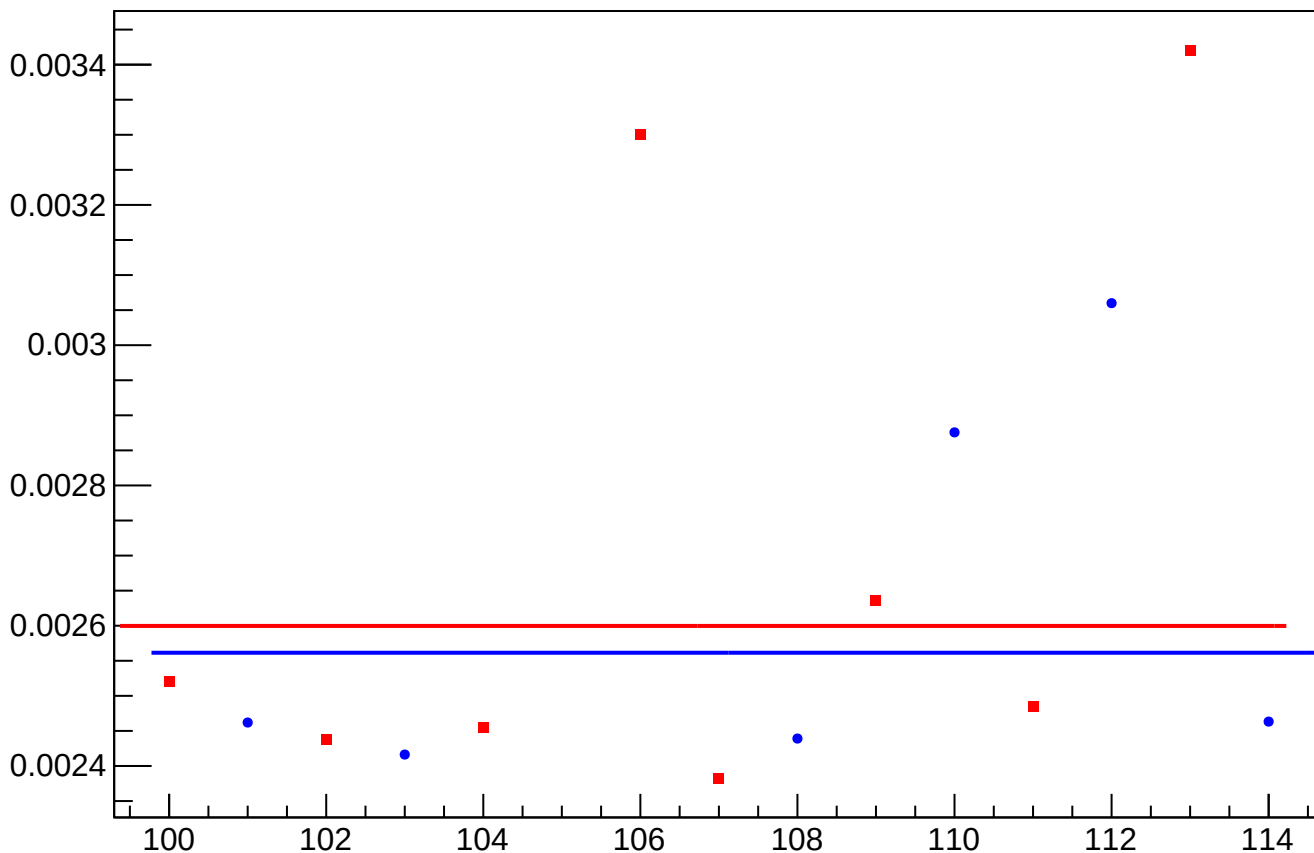
Right: -1.886+/-0.000 χ^2/NDF : 154724268847.3/13

In: -1.924+/-0.000 χ^2/NDF : 71460914625.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.886+/-0.000 χ^2/NDF : 154724268847.3

yield_bpm0l06Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

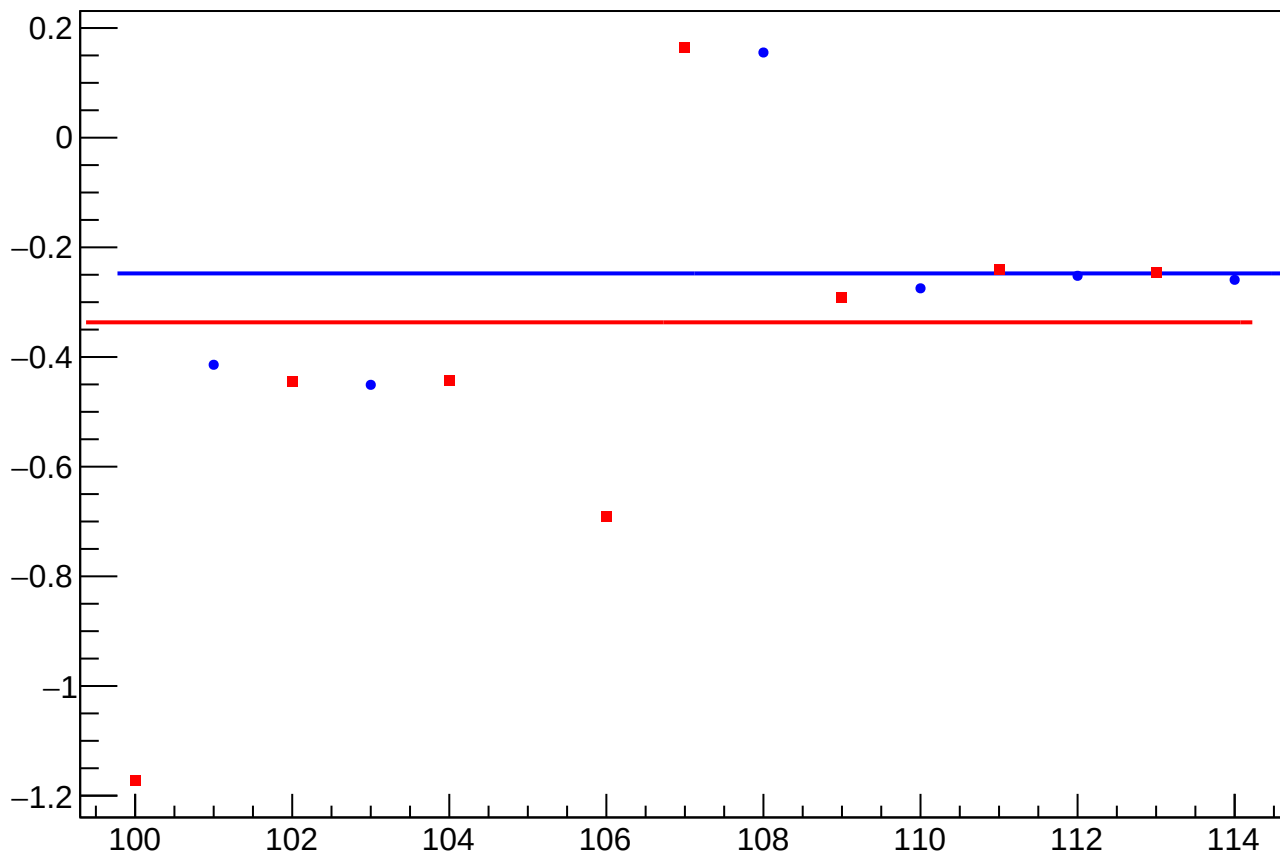
Right: 0.003+/-0.000 χ^2/NDF : 126152.4/13

In: 0.003+/-0.000 χ^2/NDF : 39554.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 126152.4/13

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.248+/-0.000 χ^2/NDF : 852288348.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.337+/-0.000 χ^2/NDF : 1429923274.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

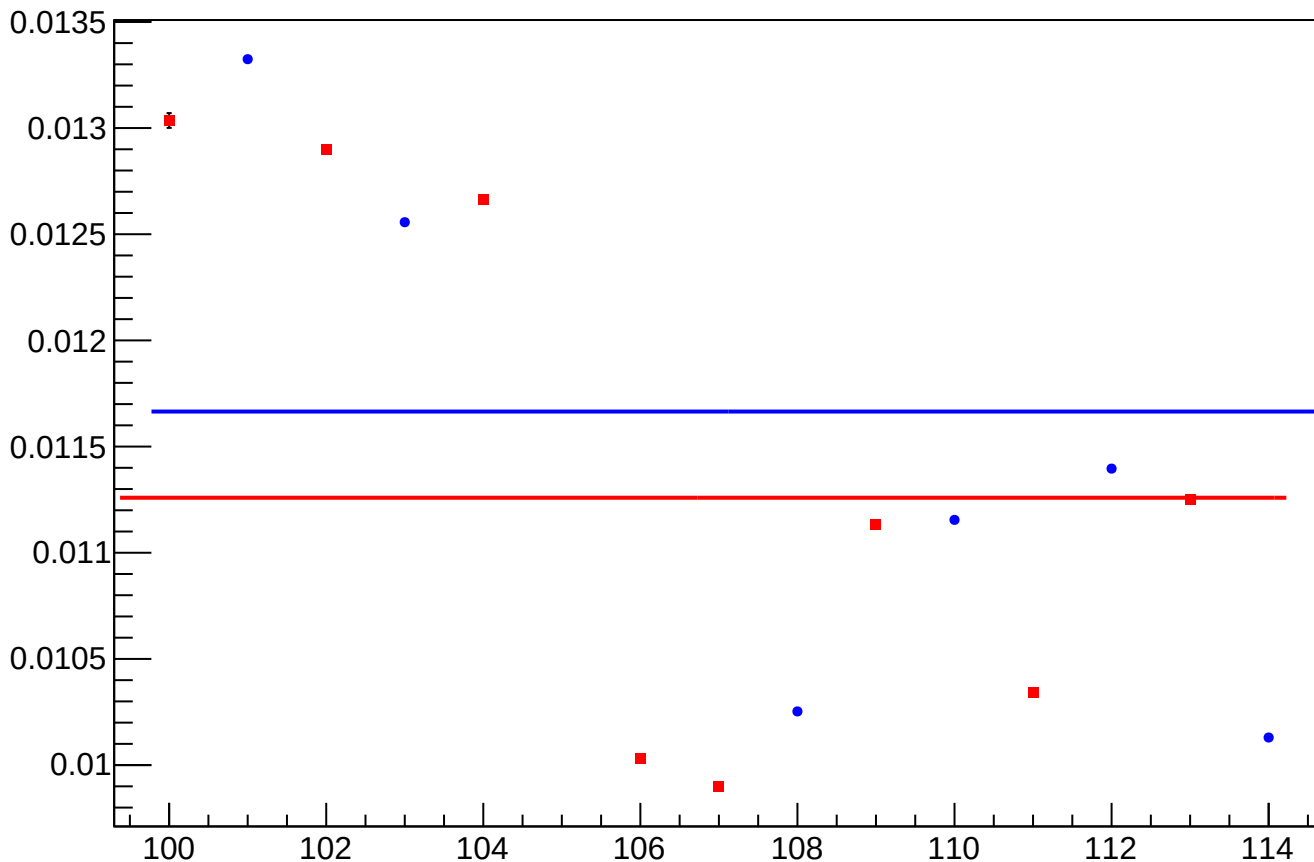
Right: -0.298+/-0.000 χ^2/NDF : 2367120556.8/13

In: -0.248+/-0.000 χ^2/NDF :852288348.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.298+/-0.000 χ^2/NDF : 2367120556.8/13

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 47691.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 60668.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

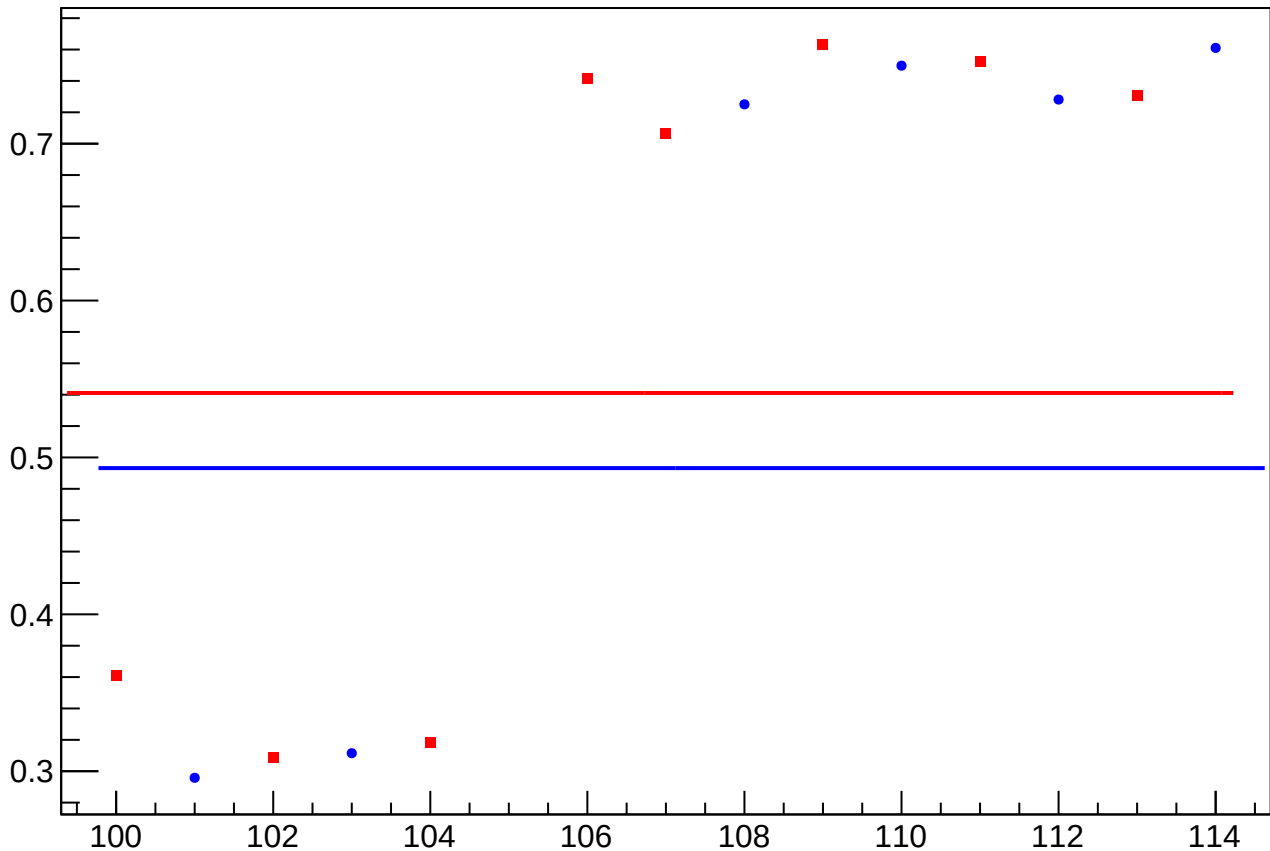
Right: 0.011+/-0.000 χ^2/NDF : 111875.5/13

In: 0.012+/-0.000 χ^2/NDF :47691.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 111875.5/13

yield_bpm0l07Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

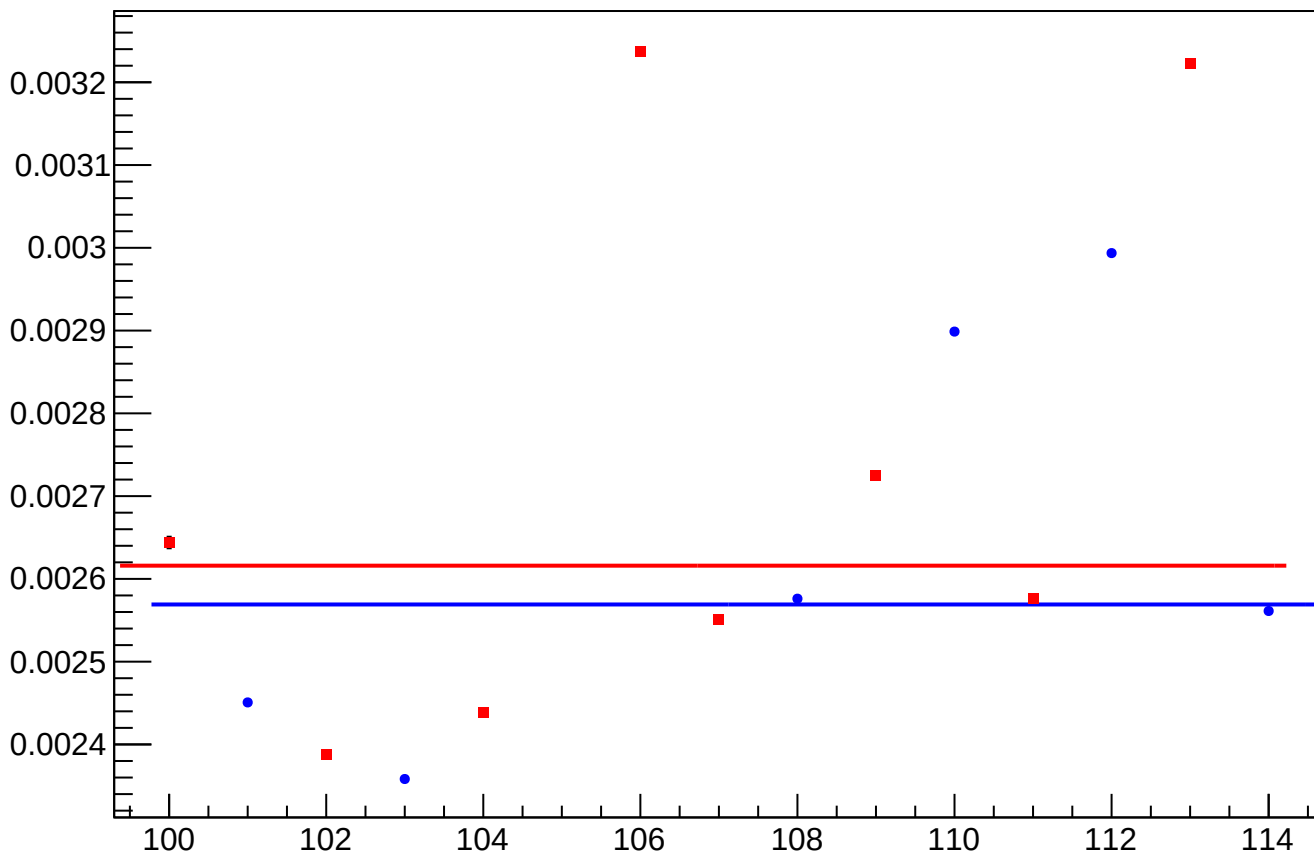
Right: 0.519+/-0.000 χ^2/NDF : 38182968249.0/13

In: 0.493+/-0.000 χ^2/NDF : 17532647671.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.519+/-0.000 χ^2/NDF : 38182968249.0/13

yield_bpm0l07Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

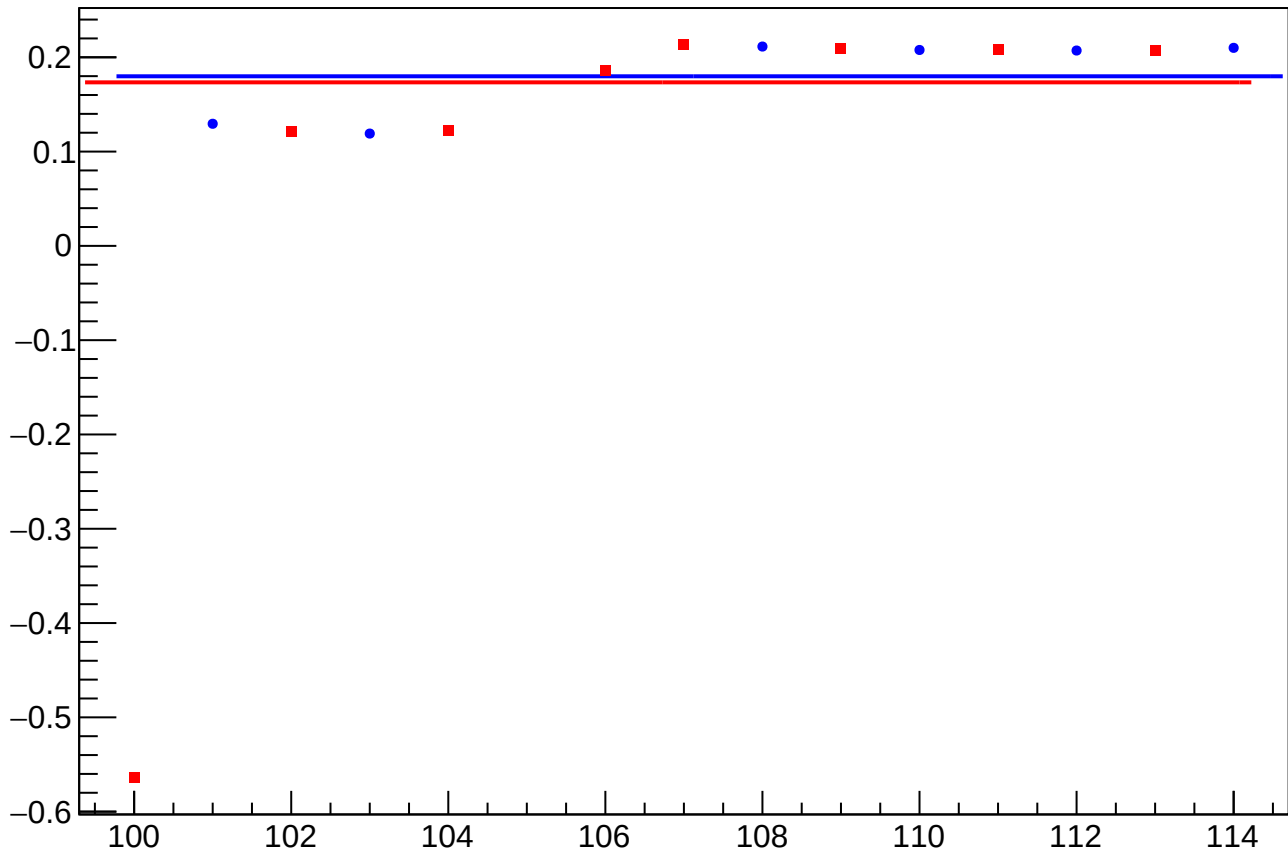
Right: 0.003+/-0.000 χ^2/NDF : 105959.2/13

In: 0.003+/-0.000 χ^2/NDF :39554.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 105959.2/13

yield_bpm0l08X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

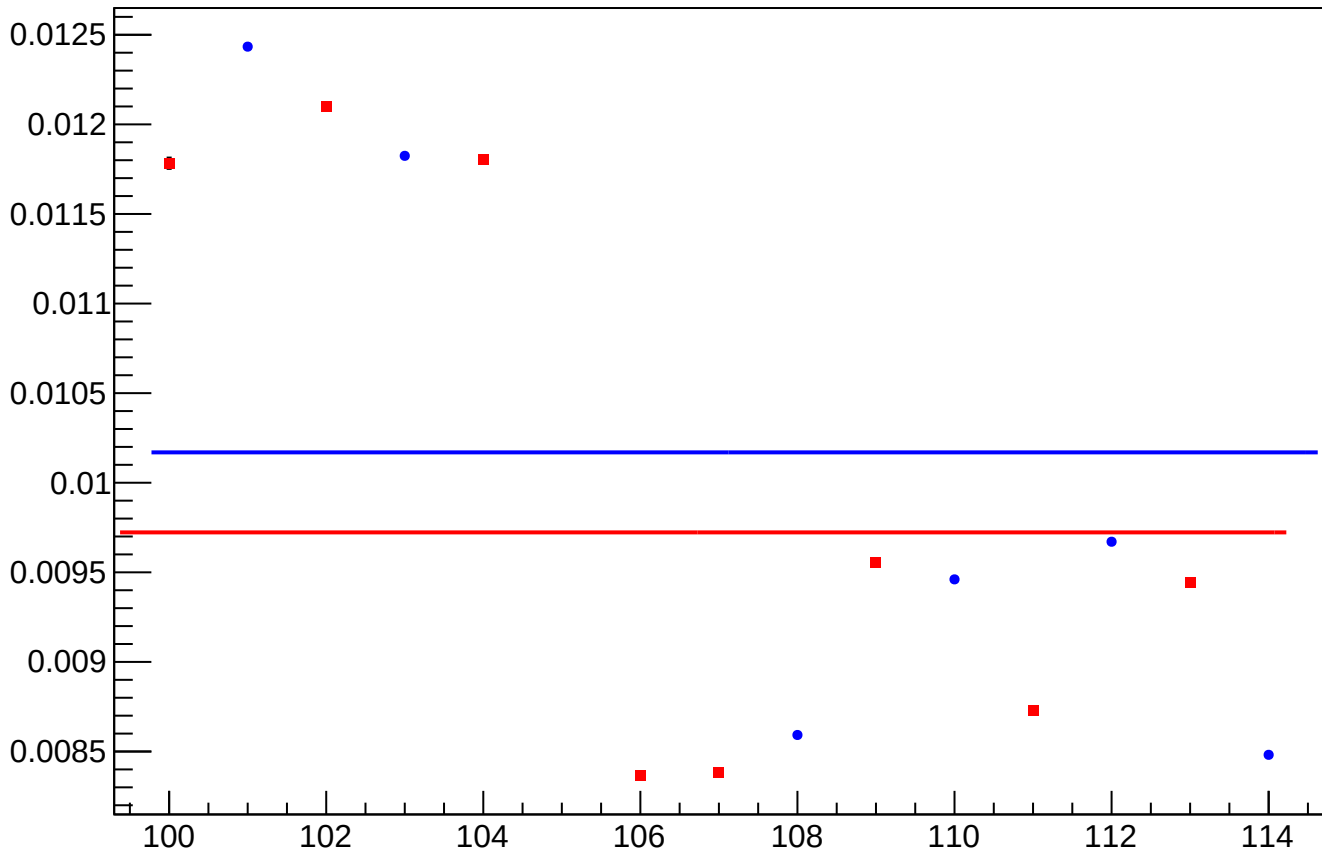
Right: 0.176+/-0.000 χ^2/NDF : 362467632.5/13

In: 0.180+/-0.000 χ^2/NDF :39621671.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.176+/-0.000 χ^2/NDF : 362467632.5/13

yield_bpm0l08X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

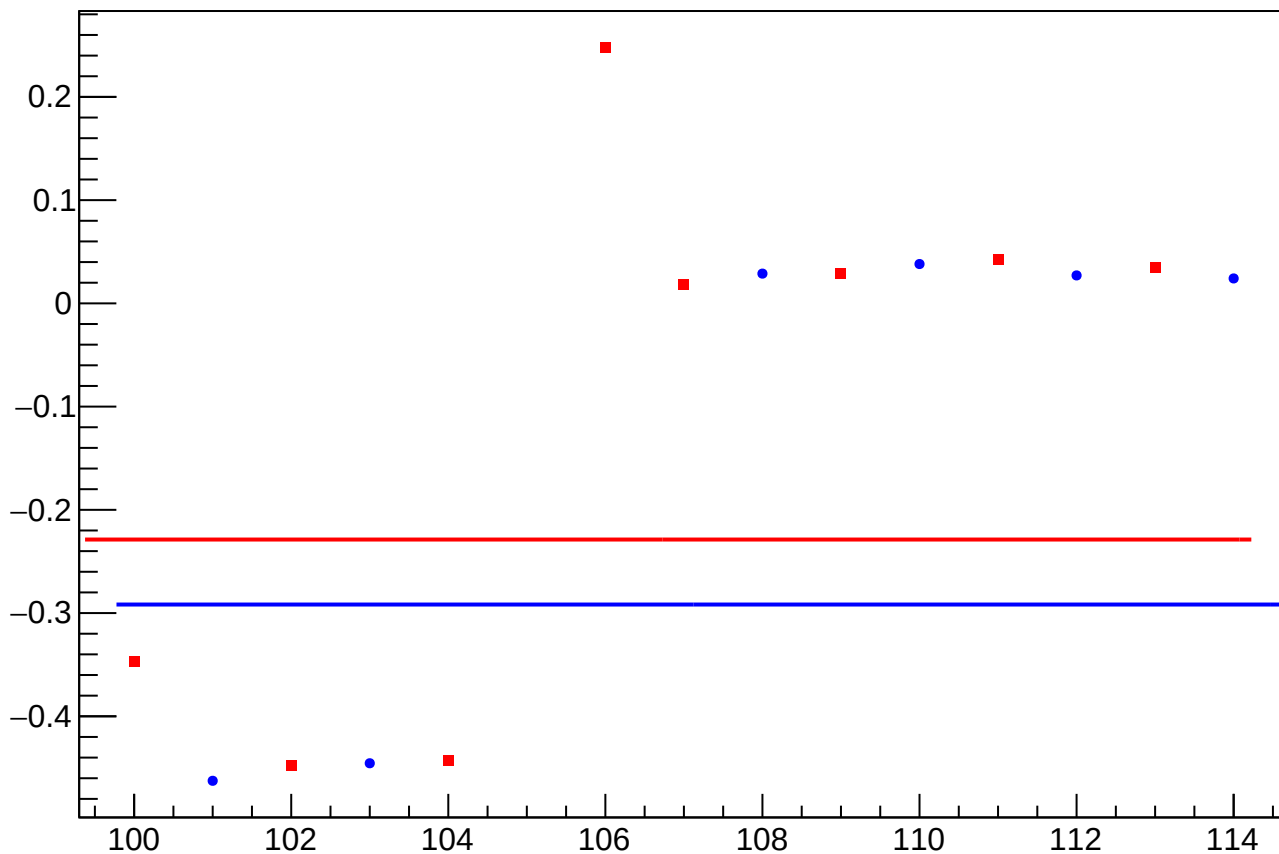
Right: 0.010+/-0.000 χ^2/NDF : 237502.1/13

In: 0.010+/-0.000 χ^2/NDF : 106925.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 237502.1/13

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.292+/-0.000 χ^2/NDF : 7529779980.5/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.229+/-0.000 χ^2/NDF : 10080882642.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

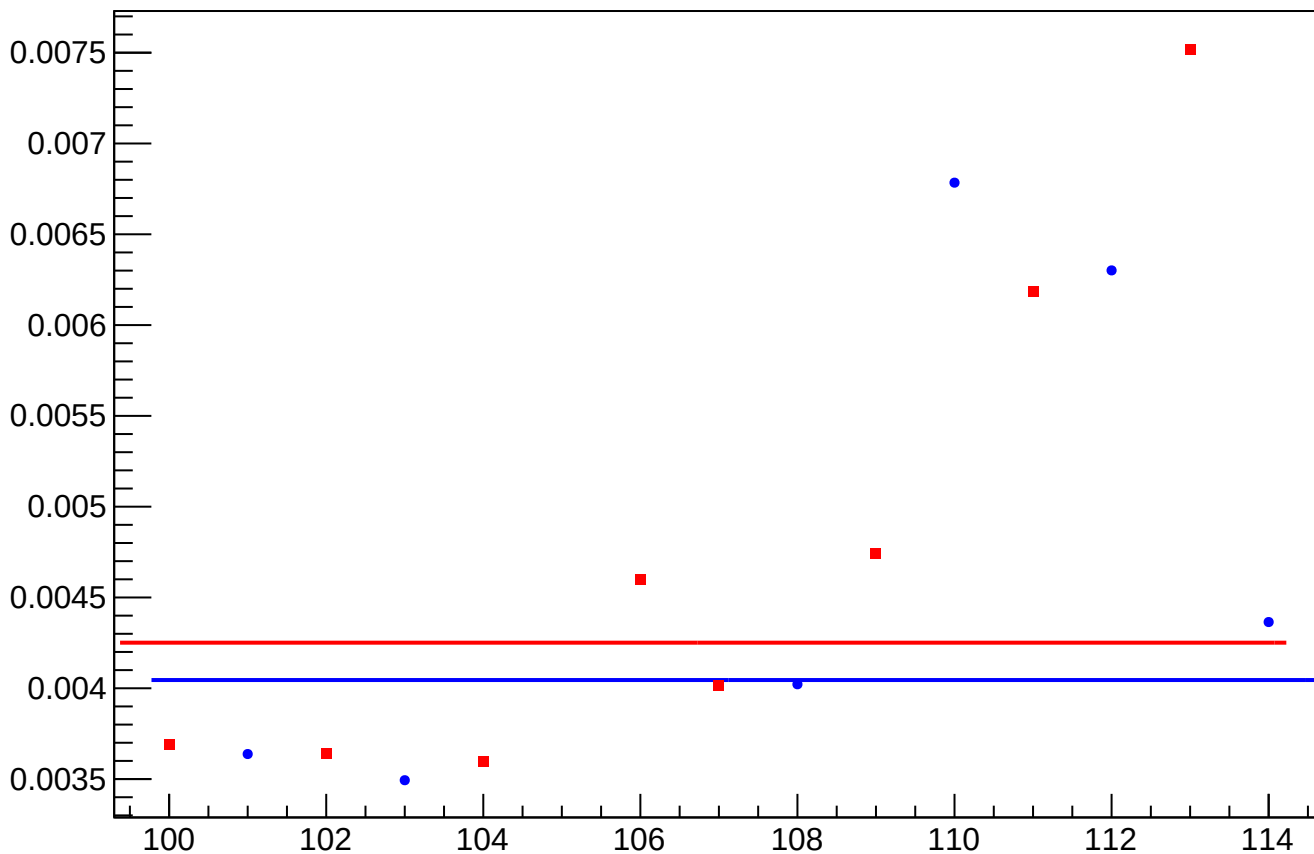
Right: -0.259+/-0.000 χ^2/NDF : 17908661453.6/13

In: -0.292+/-0.000 χ^2/NDF :7529779980.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.259+/-0.000 χ^2/NDF : 17908661453.6/13

yield_bpm0l08Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

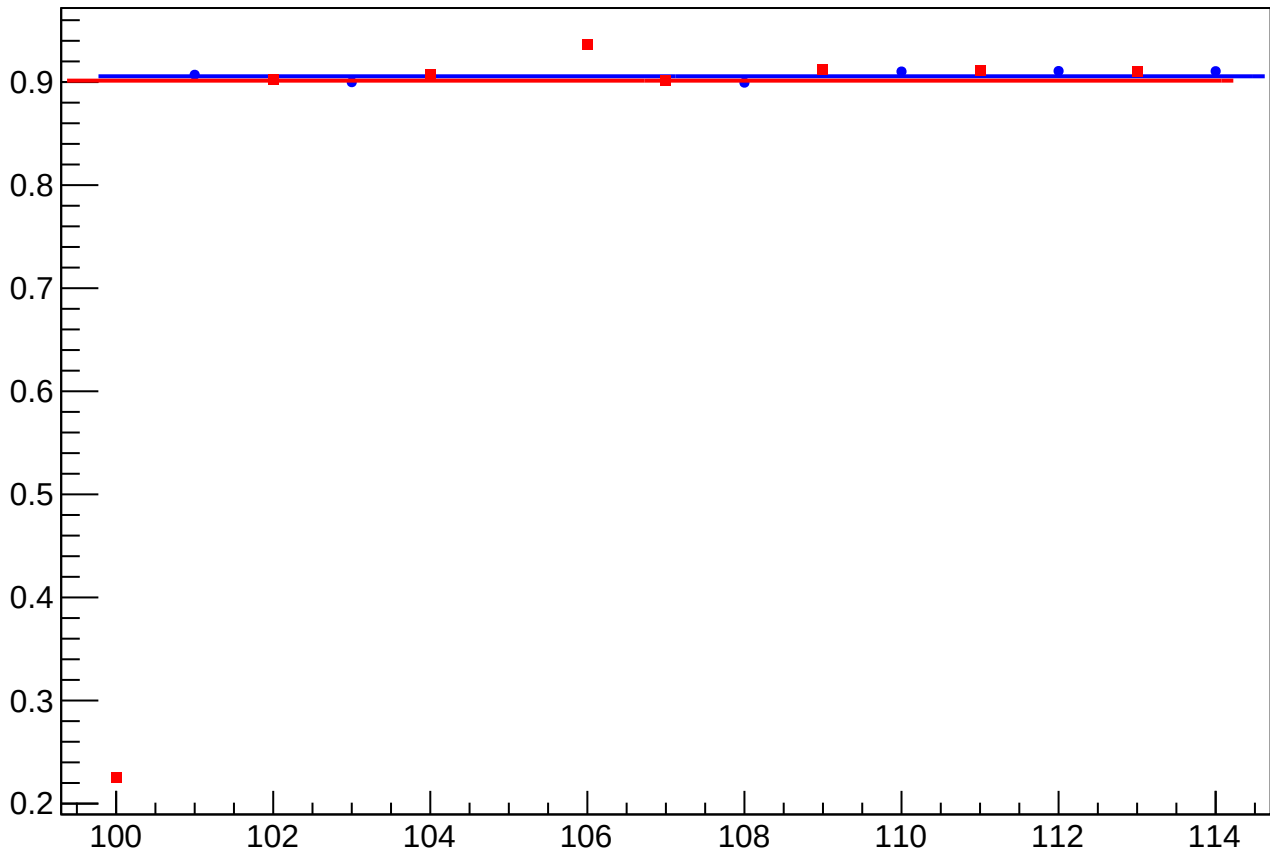
Right: 0.004+/-0.000 χ^2/NDF : 603268.8/13

In: 0.004+/-0.000 χ^2/NDF : 267085.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 603268.8/13

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.906+/-0.000 χ^2/NDF : 487568.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.901+/-0.000 χ^2/NDF : 216519306.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

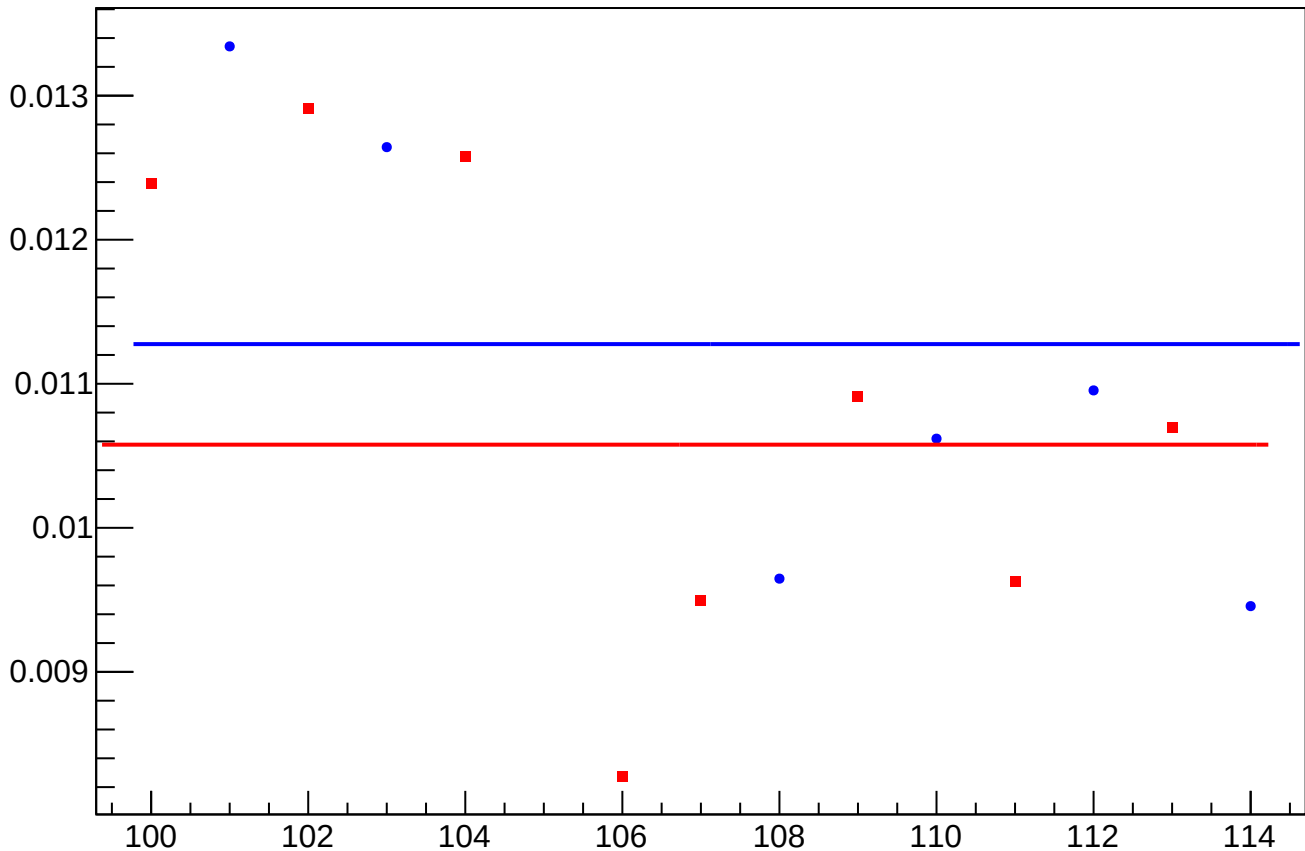
Right: 0.903+/-0.000 χ^2/NDF : 217211502.3/13

In: 0.906+/-0.000 χ^2/NDF : 487568.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.903+/-0.000 χ^2/NDF : 217211502.3/13

yield_bpm0l09X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

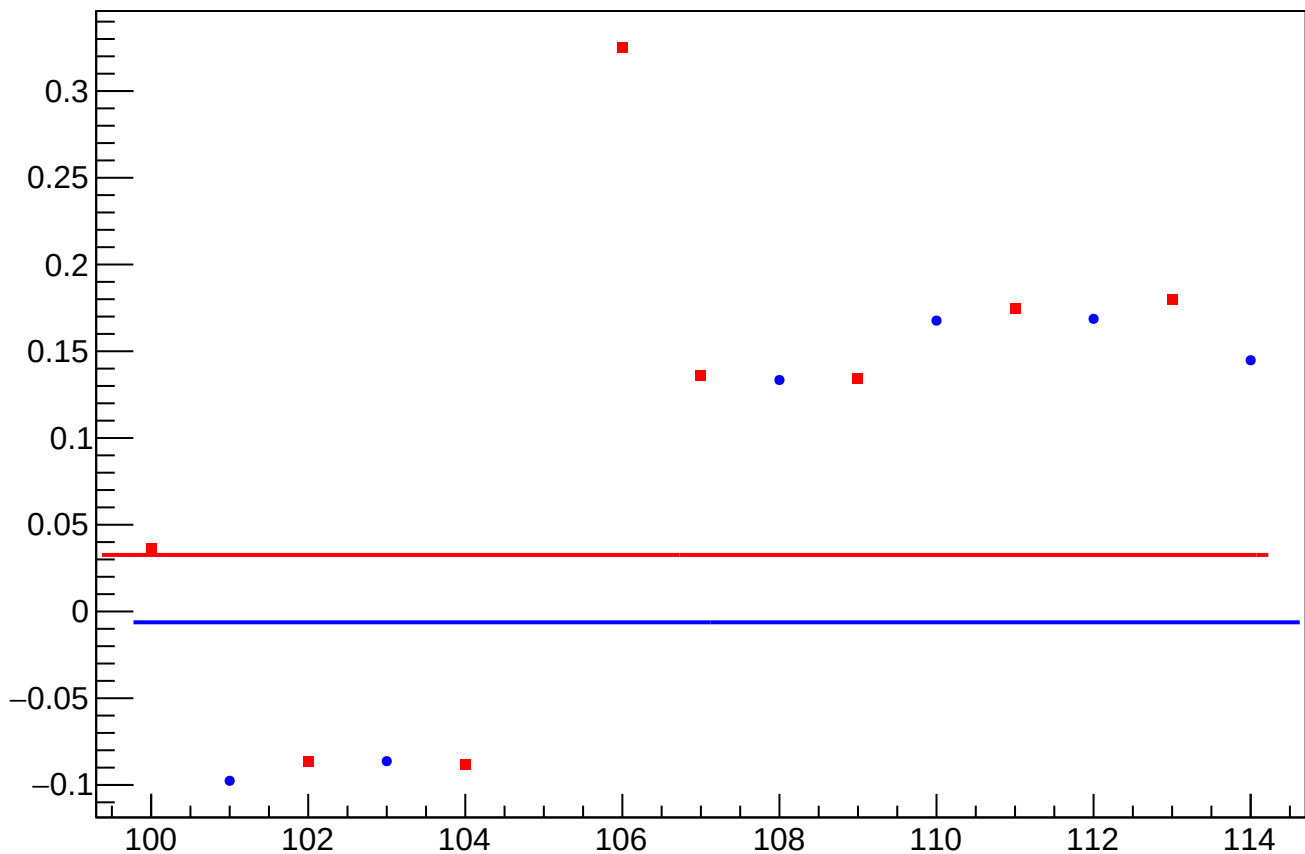
Right: 0.011+/-0.000 χ^2/NDF : 222682.4/13

In: 0.011+/-0.000 χ^2/NDF : 78063.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 222682.4/13

yield_bpm0l09Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 4191391594.1/13

In: -0.006+/-0.000

χ^2/NDF : 1620214791.0/5

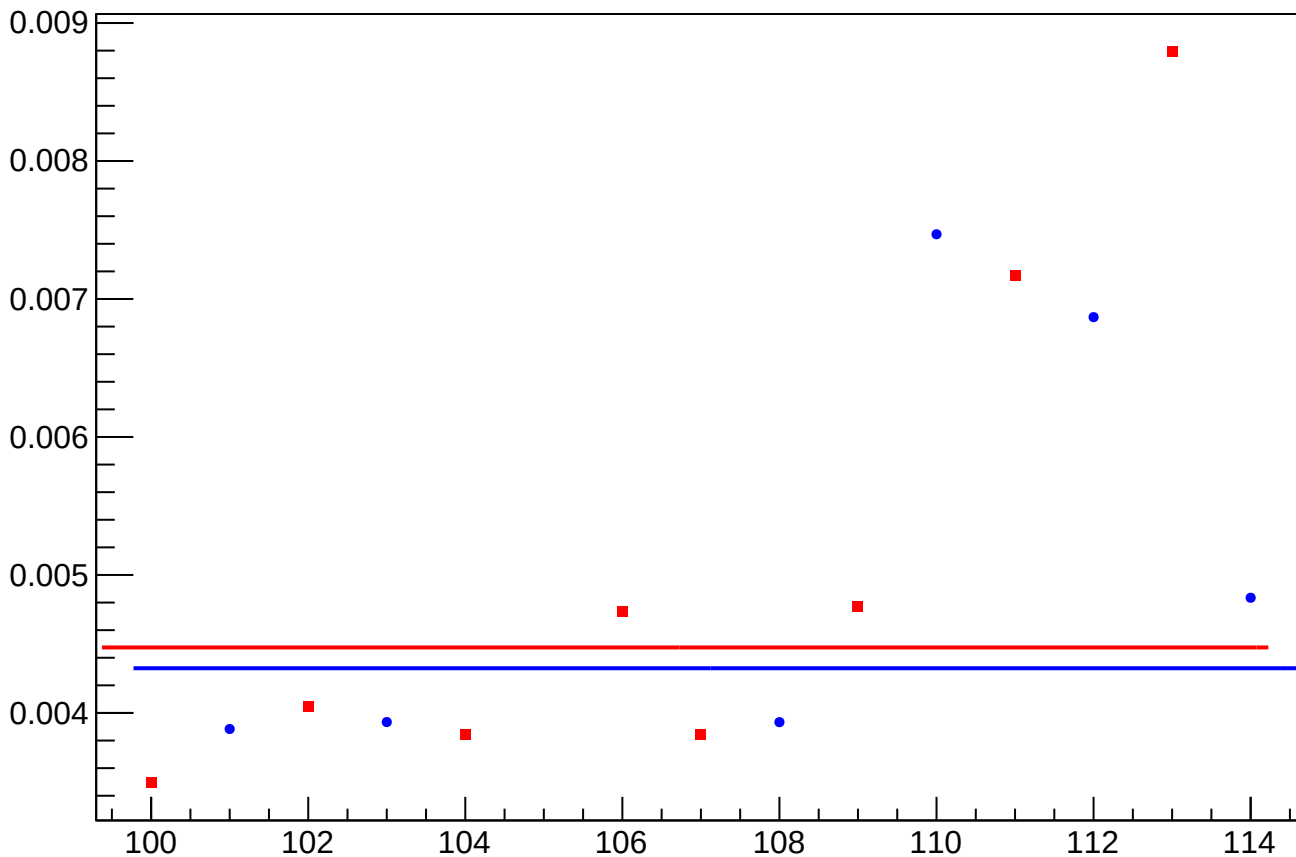
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 4191391594.1/13

yield_bpm0l09Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

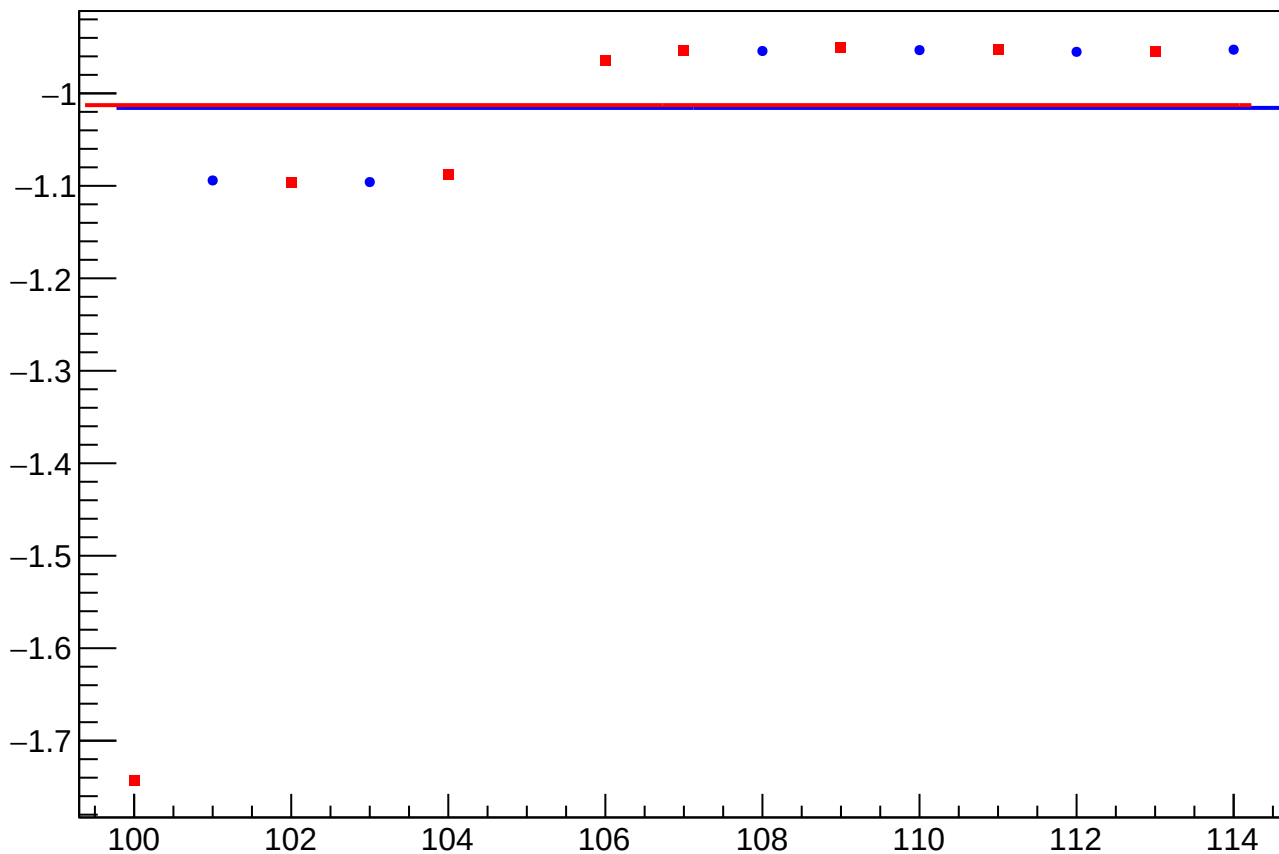
Right: 0.004+/-0.000 χ^2/NDF : 648558.1/13

In: 0.004+/-0.000 χ^2/NDF : 261986.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 648558.1/13

yield_bpm0l10X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

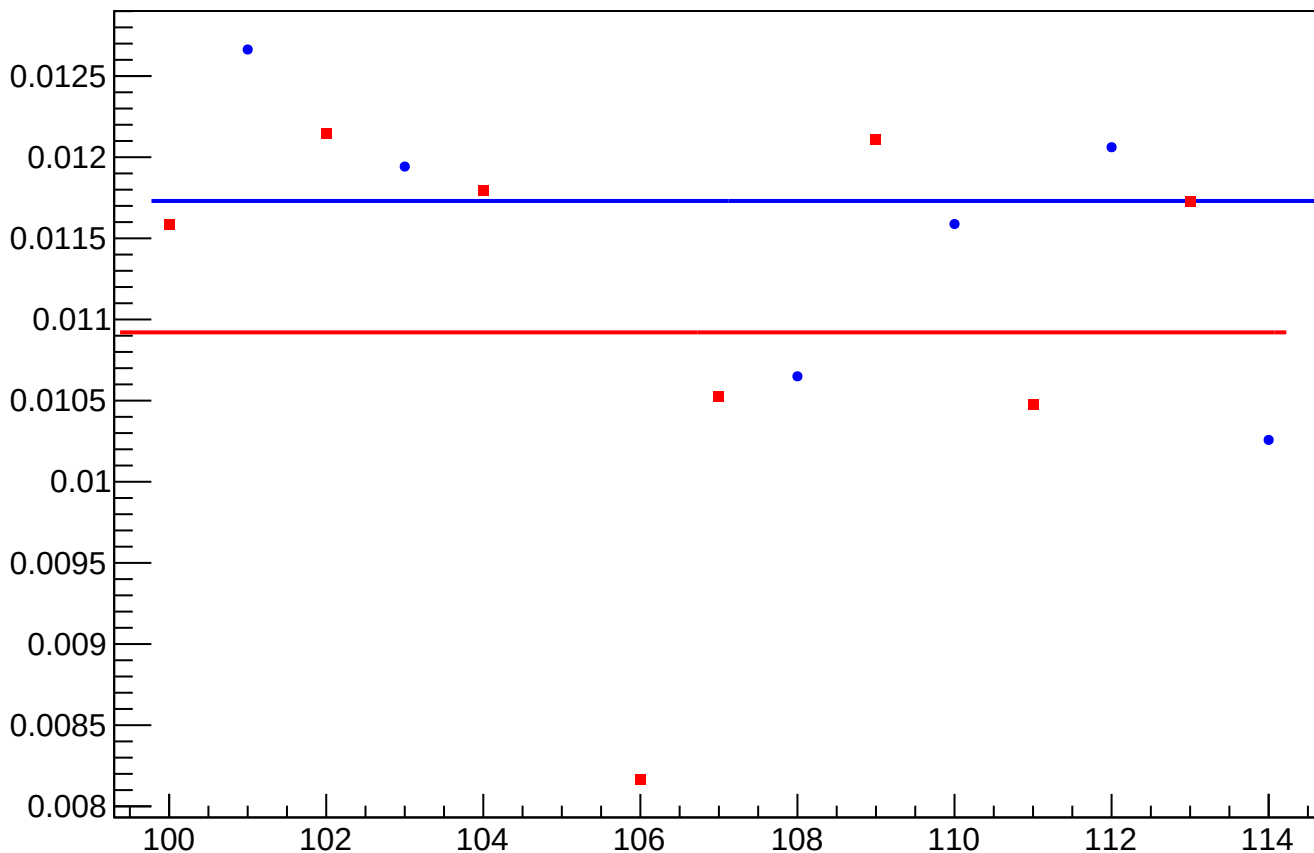
Right: -1.014+/-0.000 χ^2/NDF : 478113185.0/13

In: -1.016+/-0.000 χ^2/NDF :90140838.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.014+/-0.000 χ^2/NDF : 478113185.0/13

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 20634.5/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 106344.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

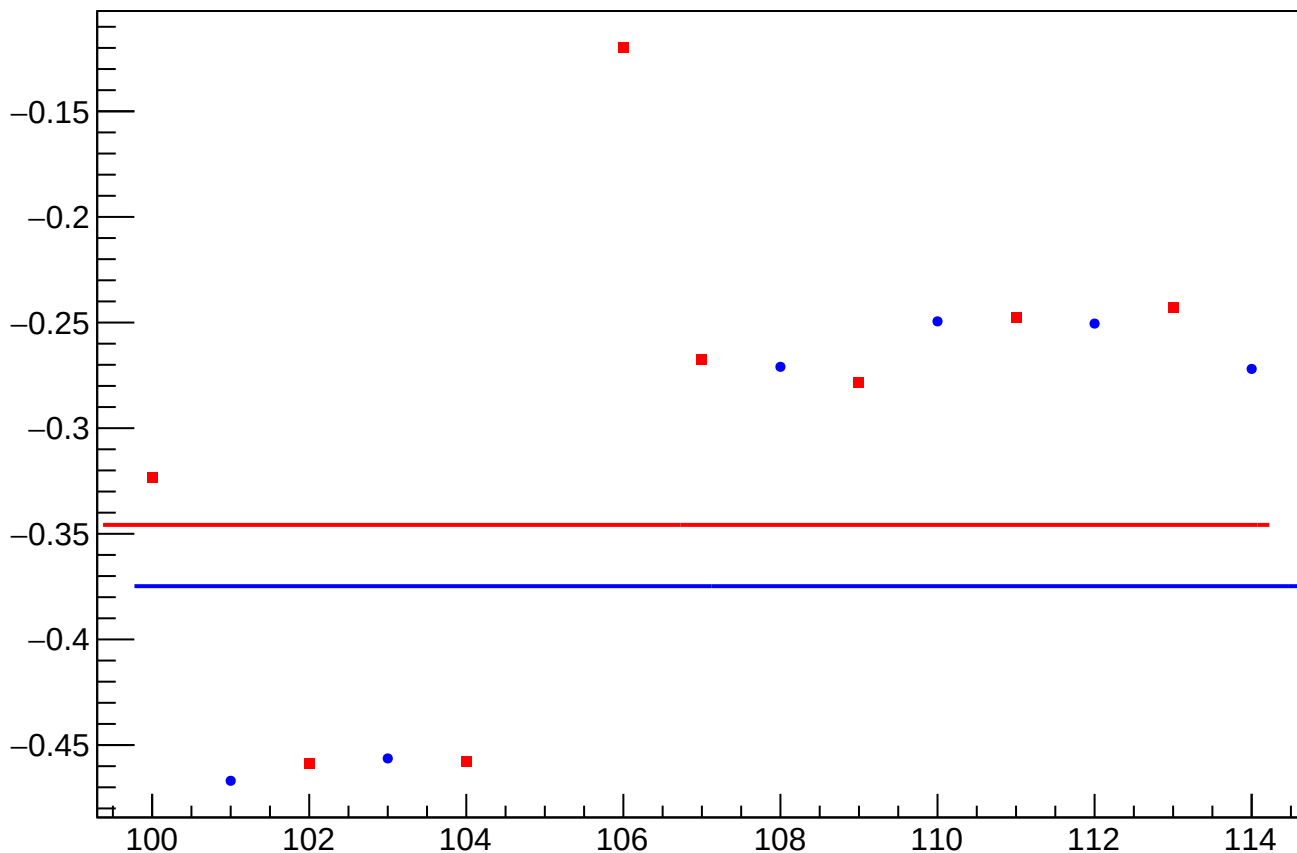
Right: 0.011+/-0.000 χ^2/NDF : 141130.6/13

In: 0.012+/-0.000 χ^2/NDF :20634.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 141130.6/13

yield_bpm0l10Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

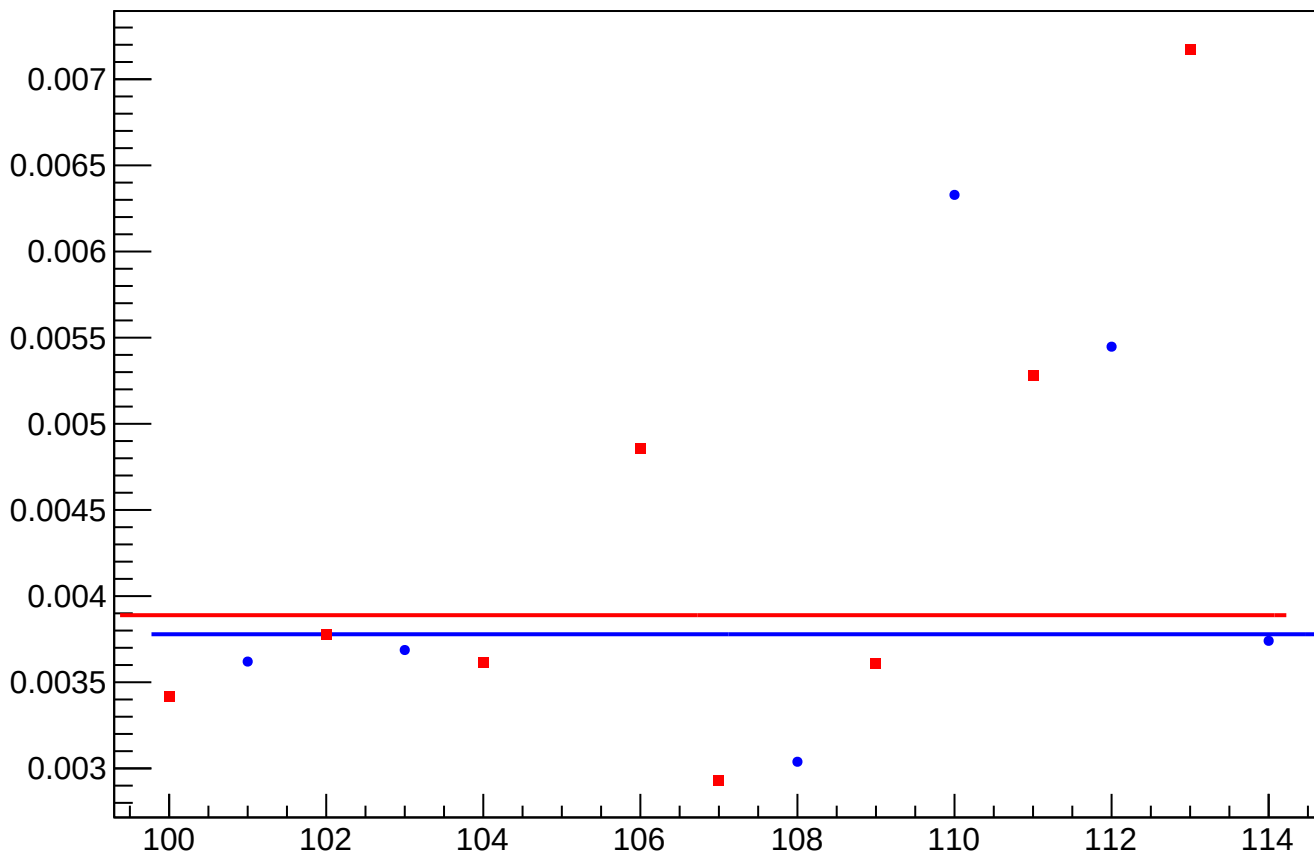
Right: -0.359+/-0.000 χ^2/NDF : 3674100532.4/13

In: -0.375+/-0.000 χ^2/NDF : 1561106820.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.359+/-0.000 χ^2/NDF : 3674100532.4/13

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 227287.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 312945.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

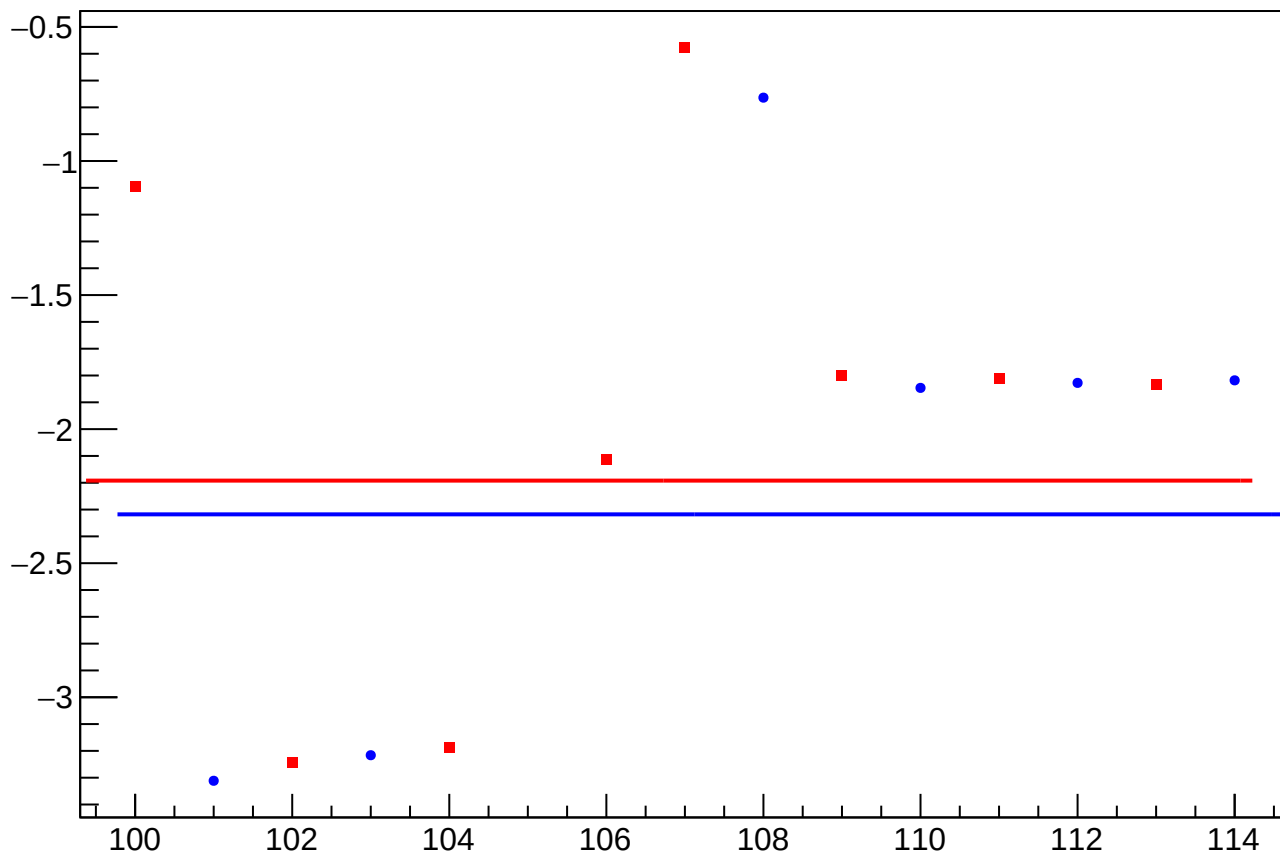
Right: 0.004+/-0.000 χ^2/NDF : 542329.8/13

In: 0.004+/-0.000 χ^2/NDF : 227287.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 542329.8/13

yield_bpm0r03X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

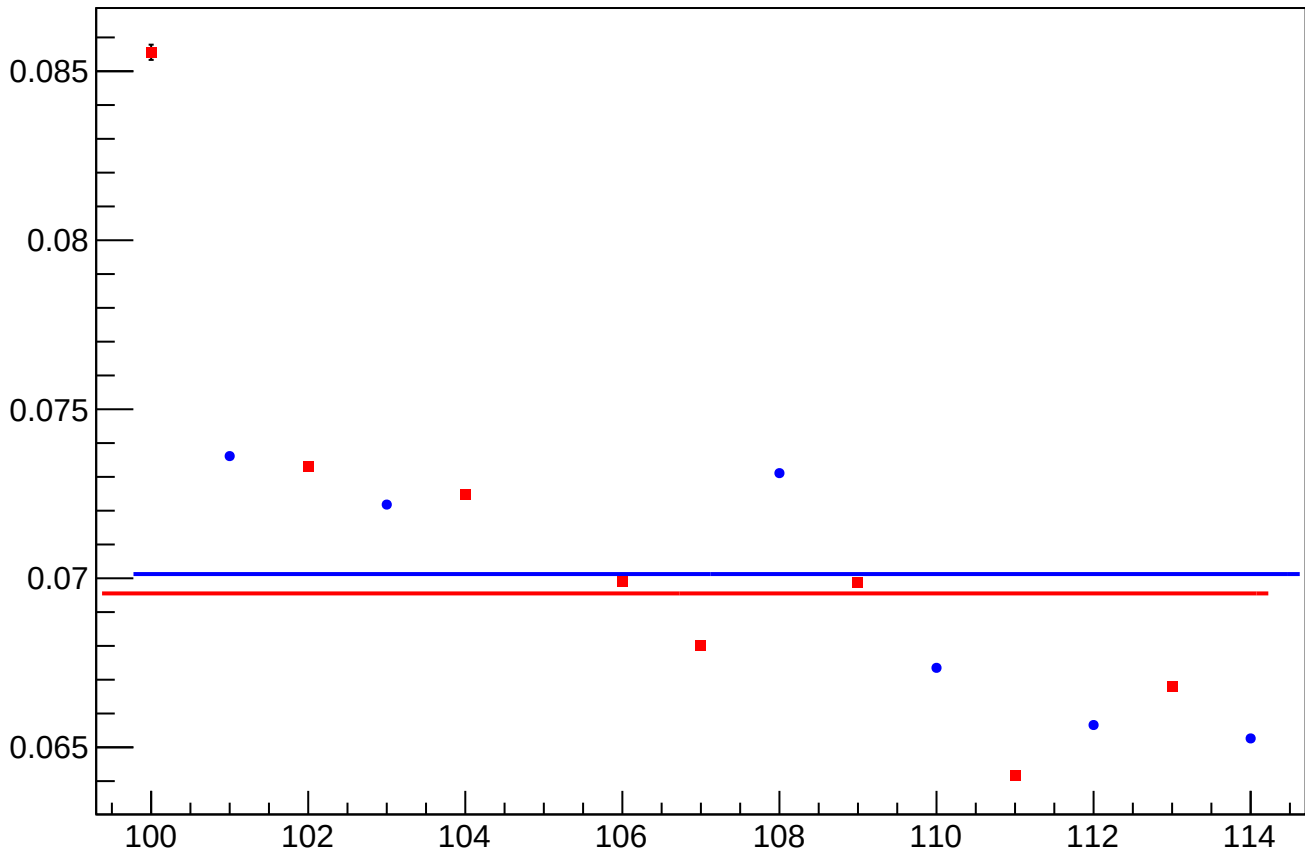
Right: -2.248+/-0.000 χ^2/NDF : 863763986.2/13

In: -2.318+/-0.000 χ^2/NDF :441716890.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.248+/-0.000 χ^2/NDF : 863763986.2/13

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 12353.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 18221.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

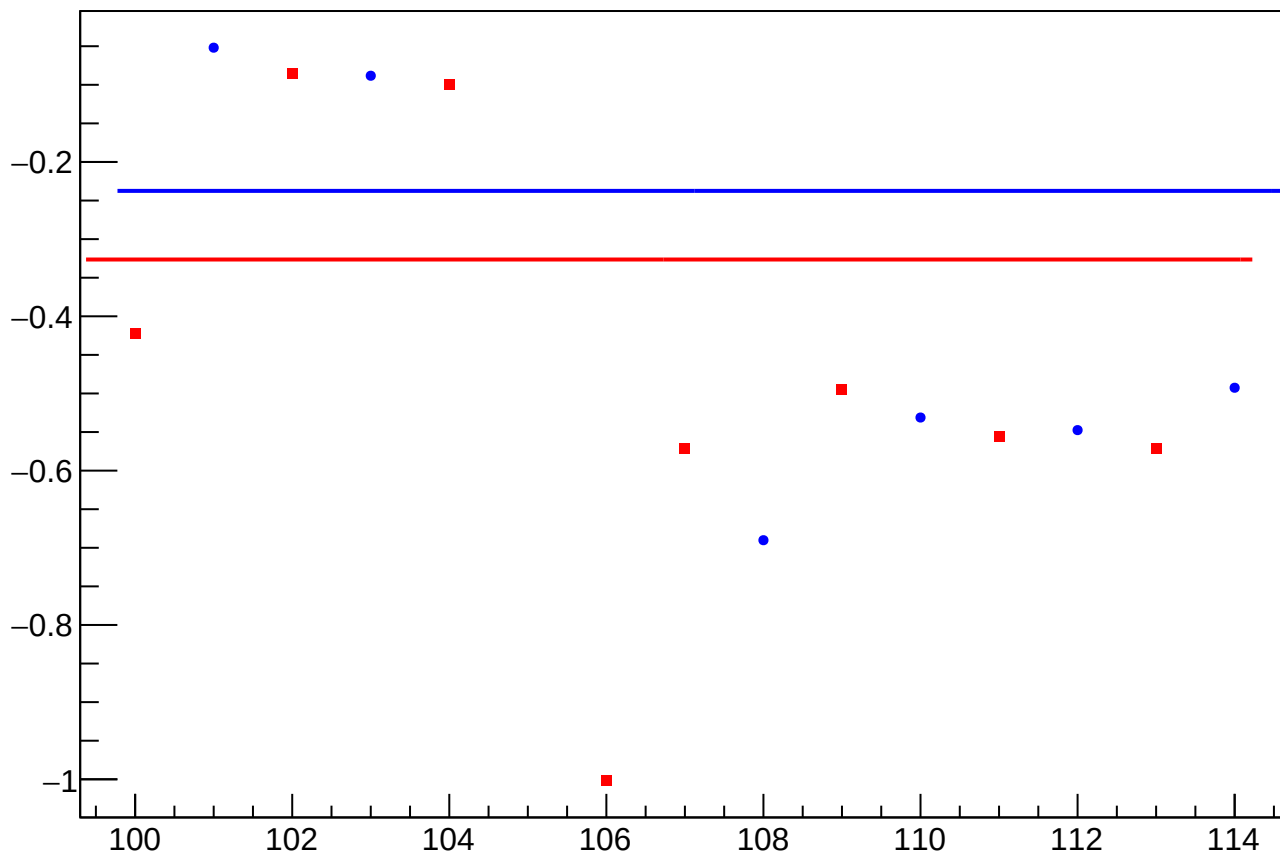
Right: 0.070+/-0.000 χ^2/NDF : 30769.3/13

In: 0.070+/-0.000 χ^2/NDF : 12353.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 30769.3/13

yield_bpm0r03Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

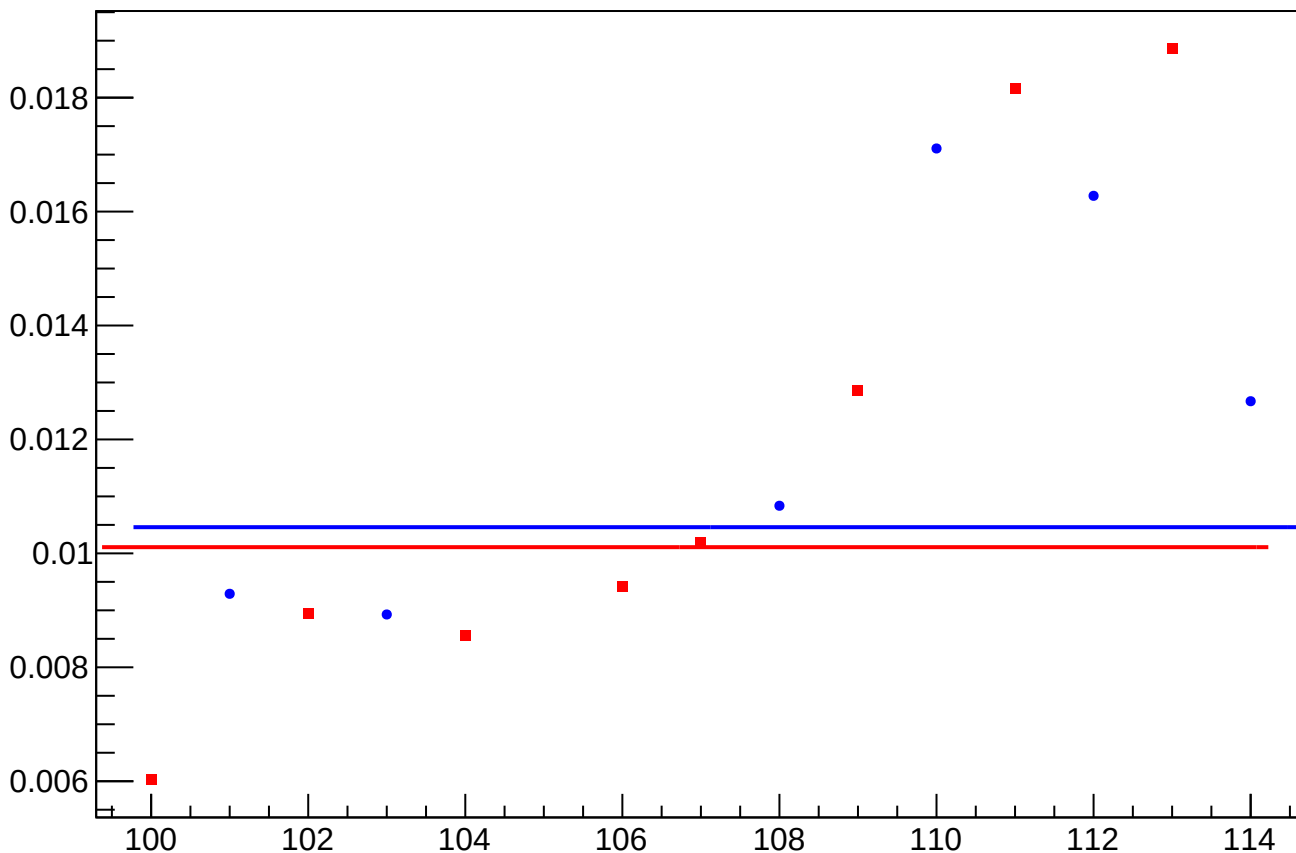
Right: -0.287+/-0.000 χ^2/NDF : 3671213559.9/13

In: -0.237+/-0.000 χ^2/NDF :1357969835.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.287+/-0.000 χ^2/NDF : 3671213559.9/13

yield_bpm0r03Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

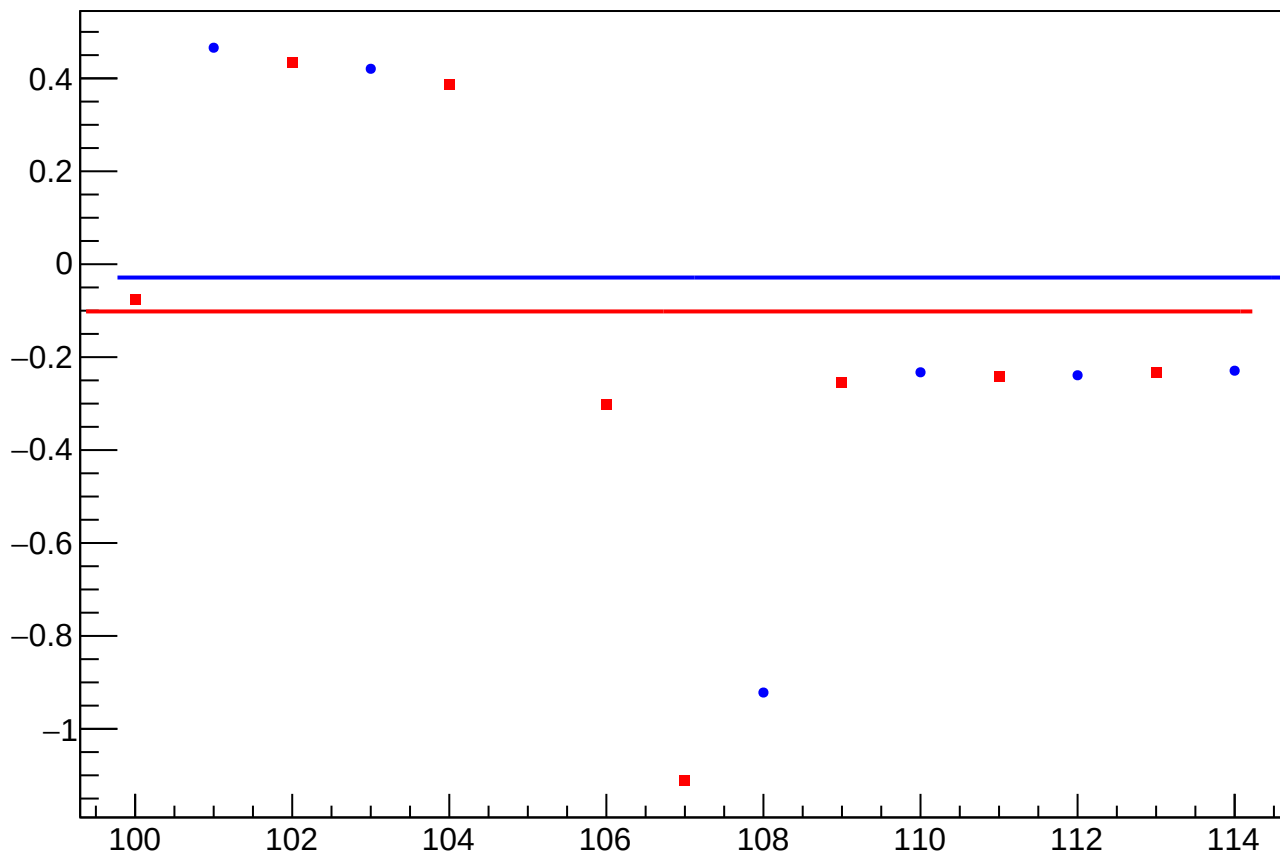
Right: 0.010+/-0.000 χ^2/NDF : 789539.6/13

In: 0.010+/-0.000 χ^2/NDF : 271256.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 789539.6/13

yield_bpm0r05X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

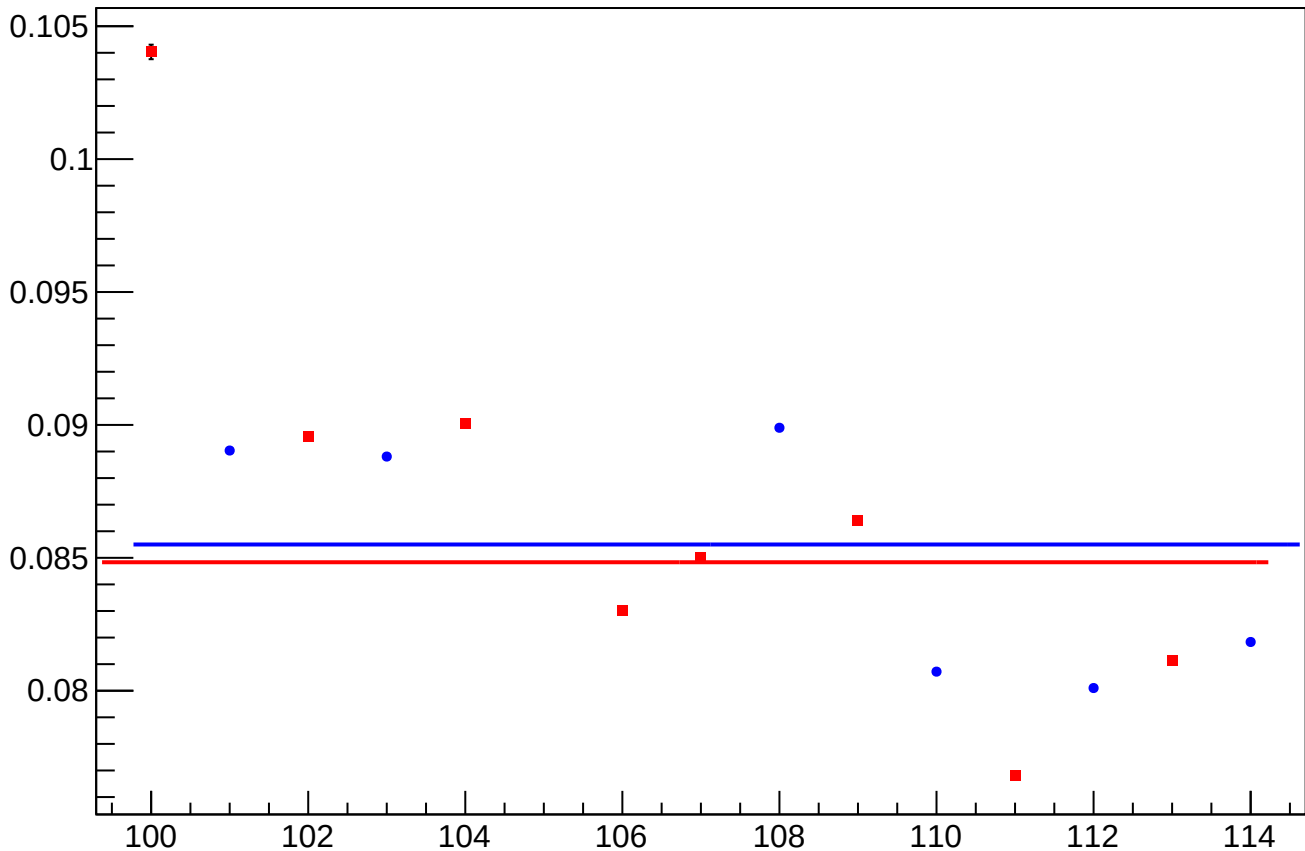
Right: -0.069+/-0.000 χ^2/NDF : 160207216.3/13

In: -0.029+/-0.000 χ^2/NDF :81023108.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.069+/-0.000 χ^2/NDF : 160207216.3/13

yield_bpm0r05X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

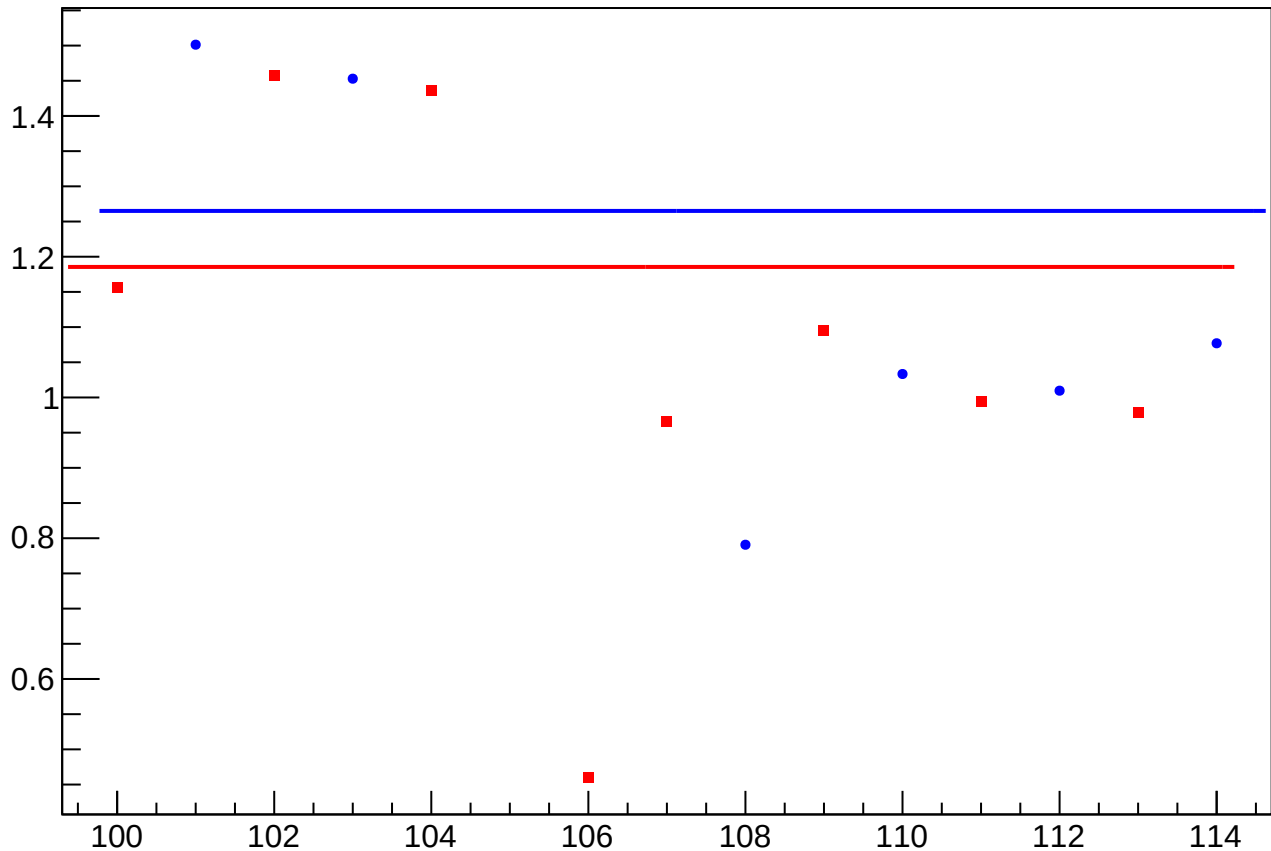
Right: 0.085+/-0.000 χ^2/NDF : 37786.0/13

In: 0.086+/-0.000 χ^2/NDF : 13247.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.000 χ^2/NDF : 37786.0/13

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.265+/-0.000 χ^2/NDF : 900756601.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.185+/-0.000 χ^2/NDF : 1290720206.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

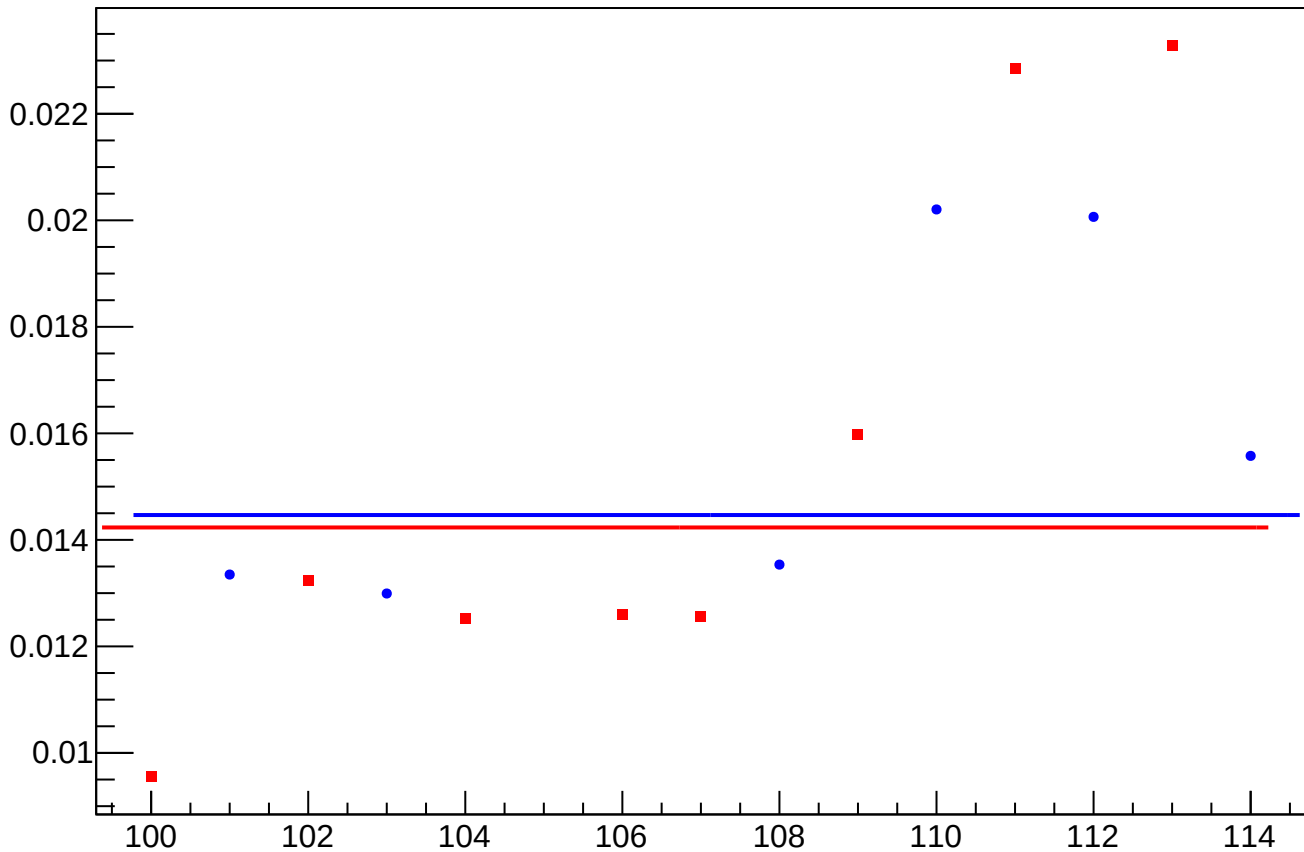
Right: 1.221+/-0.000 χ^2/NDF : 2230968649.9/13

In: 1.265+/-0.000 χ^2/NDF : 900756601.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.221+/-0.000 χ^2/NDF : 2230968649.9/13

yield_bpm0r05Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

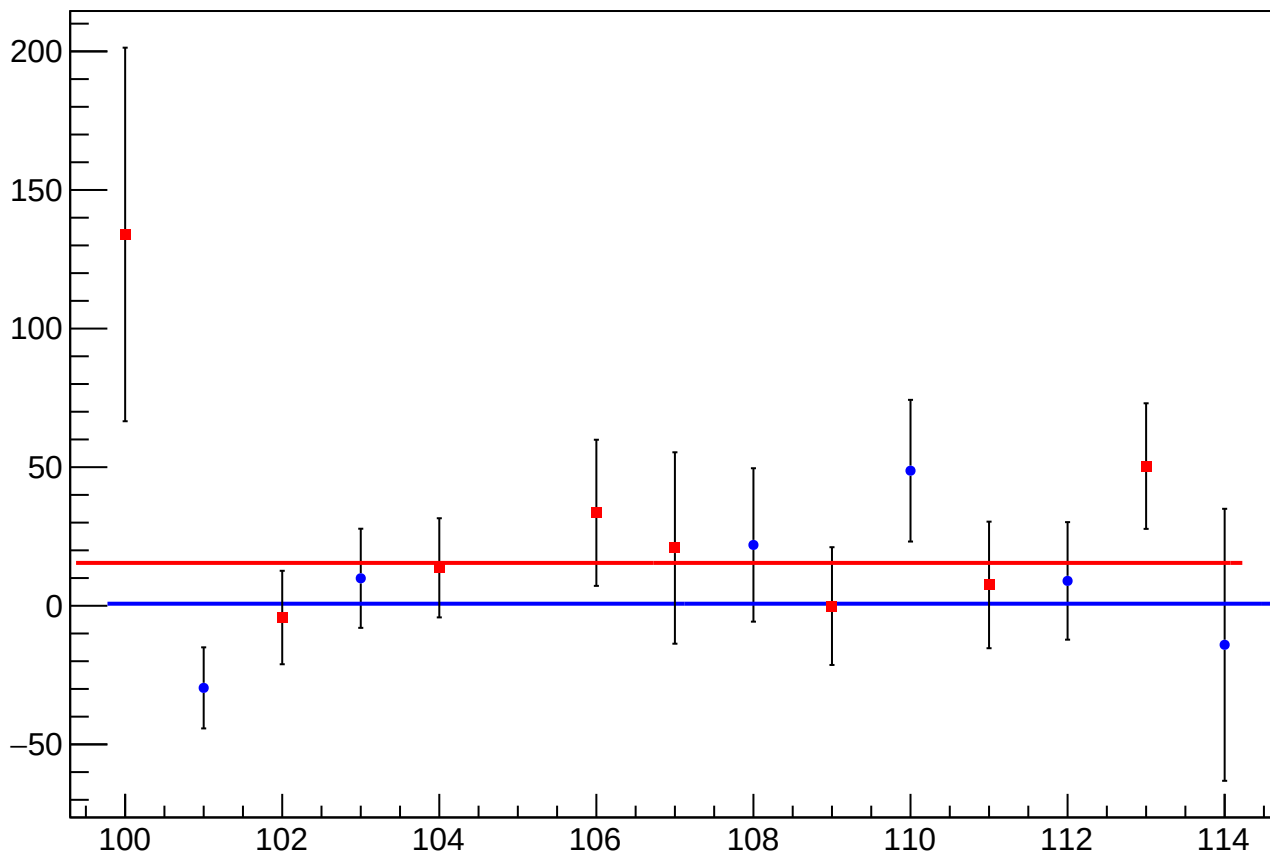
Right: 0.014+/-0.000 χ^2/NDF : 478479.0/13

In: 0.014+/-0.000 χ^2/NDF :146682.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 478479.0/13

diff_bpm4aX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

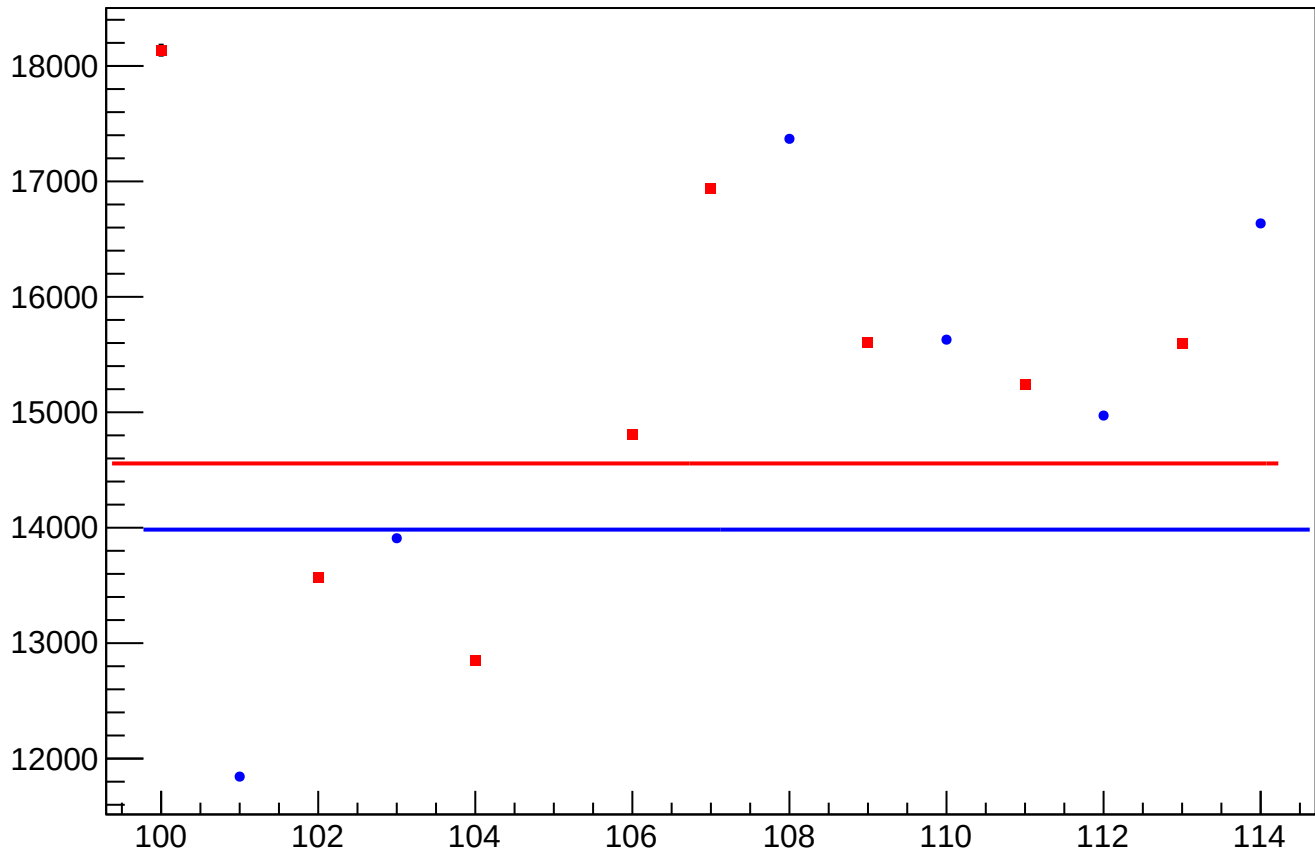
Right: 8.608+/-5.923 χ^2/NDF : 18.5/13

In: 0.744+/-8.677 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.608+/-5.923 χ^2/NDF : 18.5/13

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13983.645+/-6.136 χ^2/NDF : 91261.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14556.788+/-5.730 χ^2/NDF : 51368.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

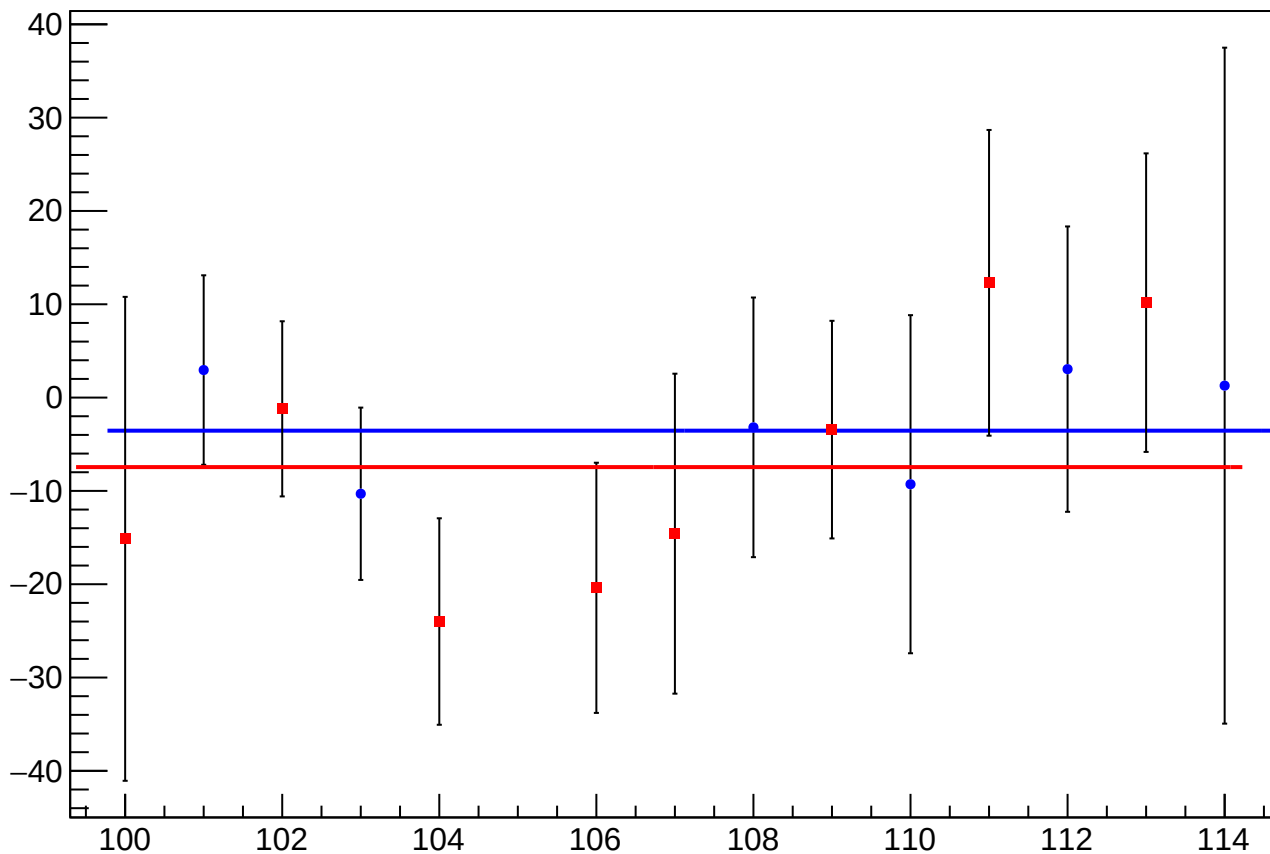
Right: 14289.785+/-4.188 χ^2/NDF : 147289.9/13

In: 13983.645+/-6.136 χ^2/NDF : 91261.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14289.785+/-4.188 χ^2/NDF : 147289.9/13

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.546+/-5.369 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.449+/-4.716 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

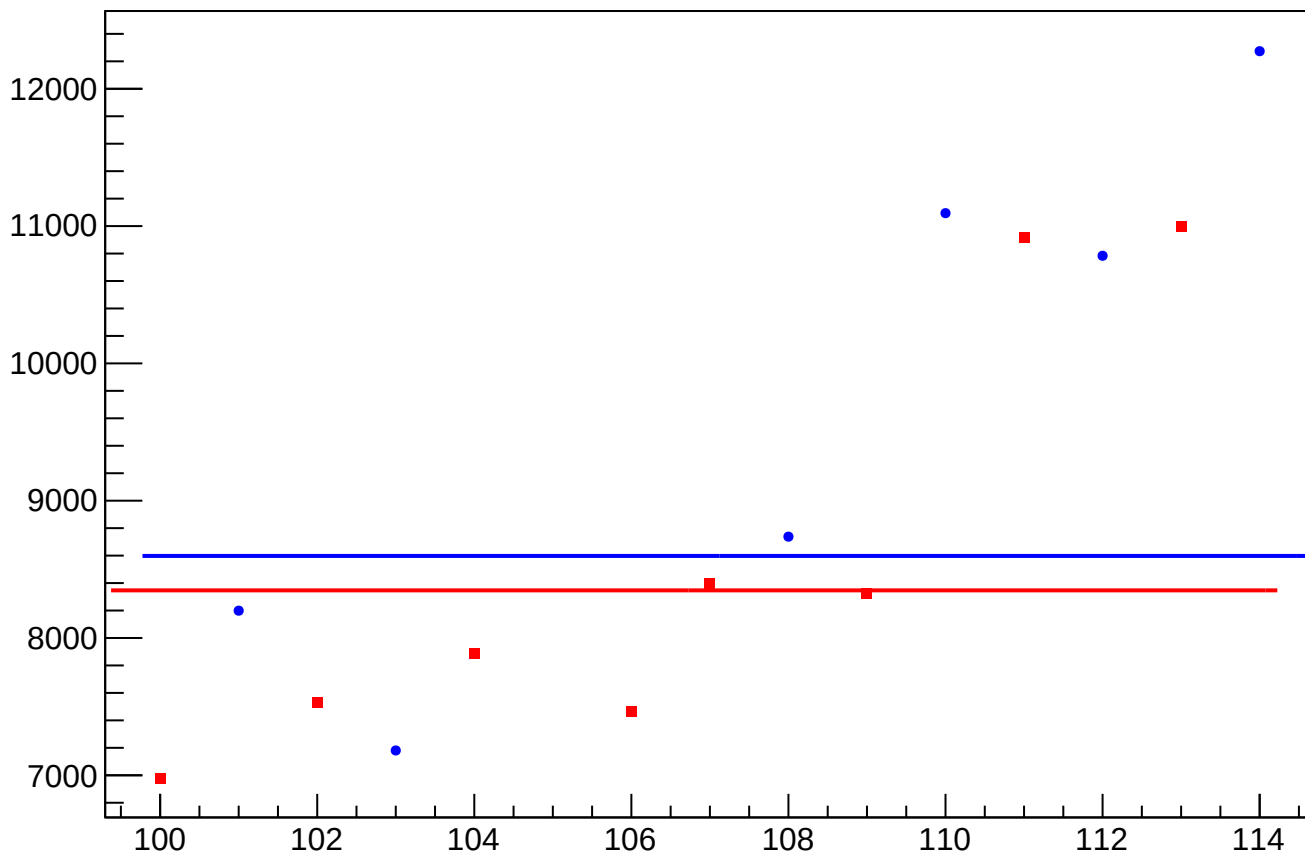
Right: -5.749+/-3.543 χ^2/NDF : 8.2/13

In: -3.546+/-5.369 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.749+/-3.543 χ^2/NDF : 8.2/13

diff_bpm4aY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

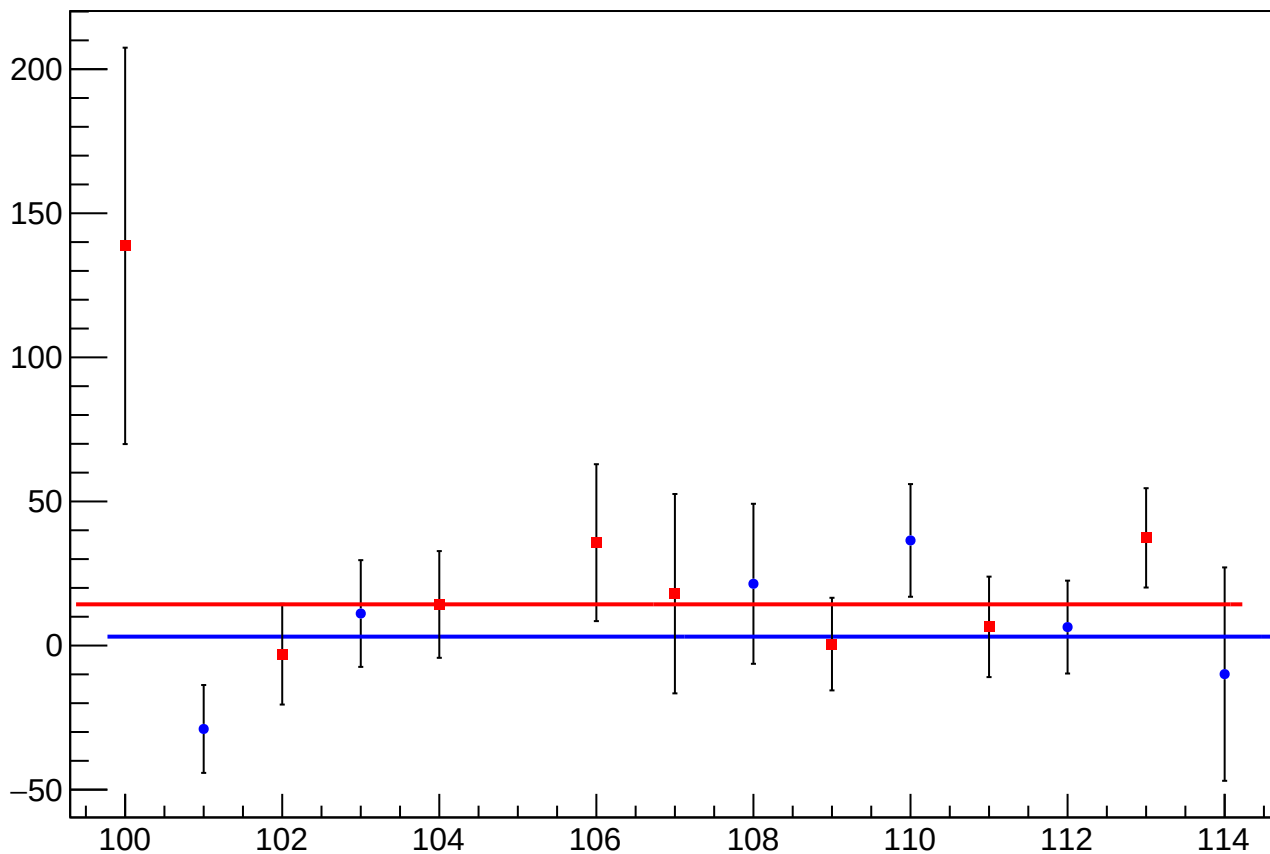
Right: 8456.049+/-2.505 χ^2/NDF : 289327.8/13

In: 8597.658+/-3.797 χ^2/NDF : 149851.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8456.049+/-2.505 χ^2/NDF : 289327.8/13

diff_bpm4eX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

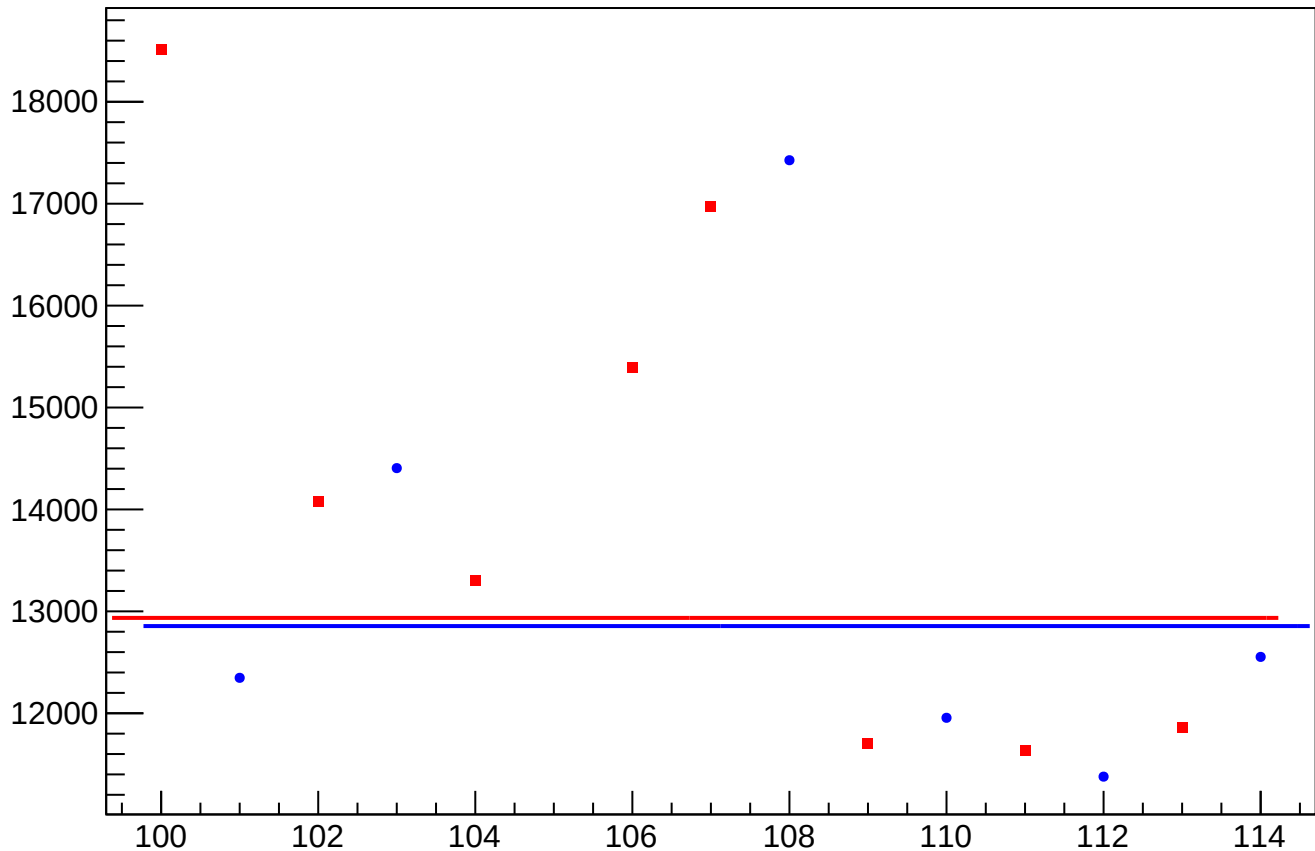
Right: 9.247+/-5.358 χ^2/NDF : 16.8/13

In: 3.095+/-7.978 χ^2/NDF : 8.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.247+/-5.358 χ^2/NDF : 16.8/13

diff_bpm4eX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

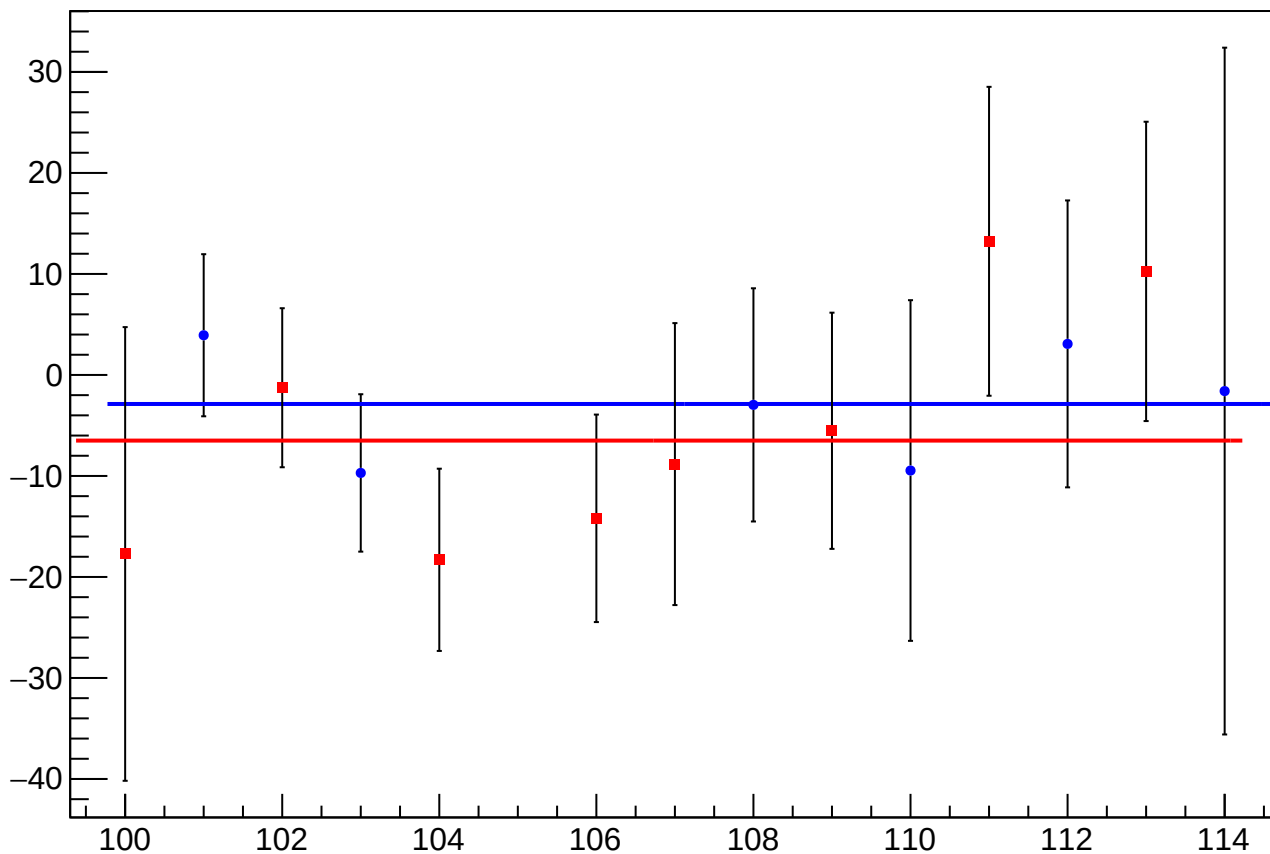
Right: 12899.579+/-3.789 χ^2/NDF : 188172.5/13

In: 12855.544+/-5.641 χ^2/NDF : 91631.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12899.579+/-3.789 χ^2/NDF : 188172.5/13

diff_bpm4eY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

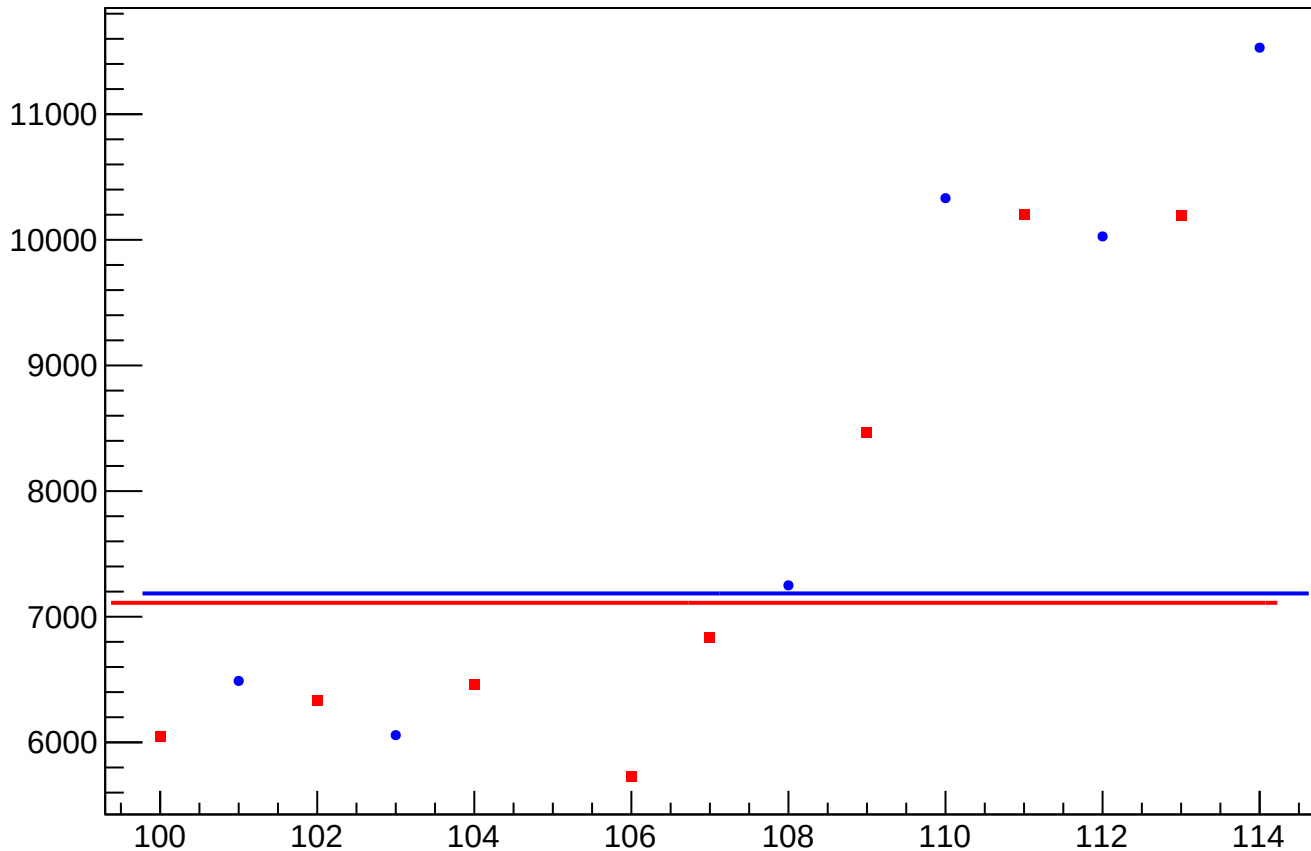
Right: -4.889+/-3.015 χ^2/NDF : 8.1/13

In: -2.874+/-4.525 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.889+/-3.015 χ^2/NDF : 8.1/13

diff_bpm4eY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

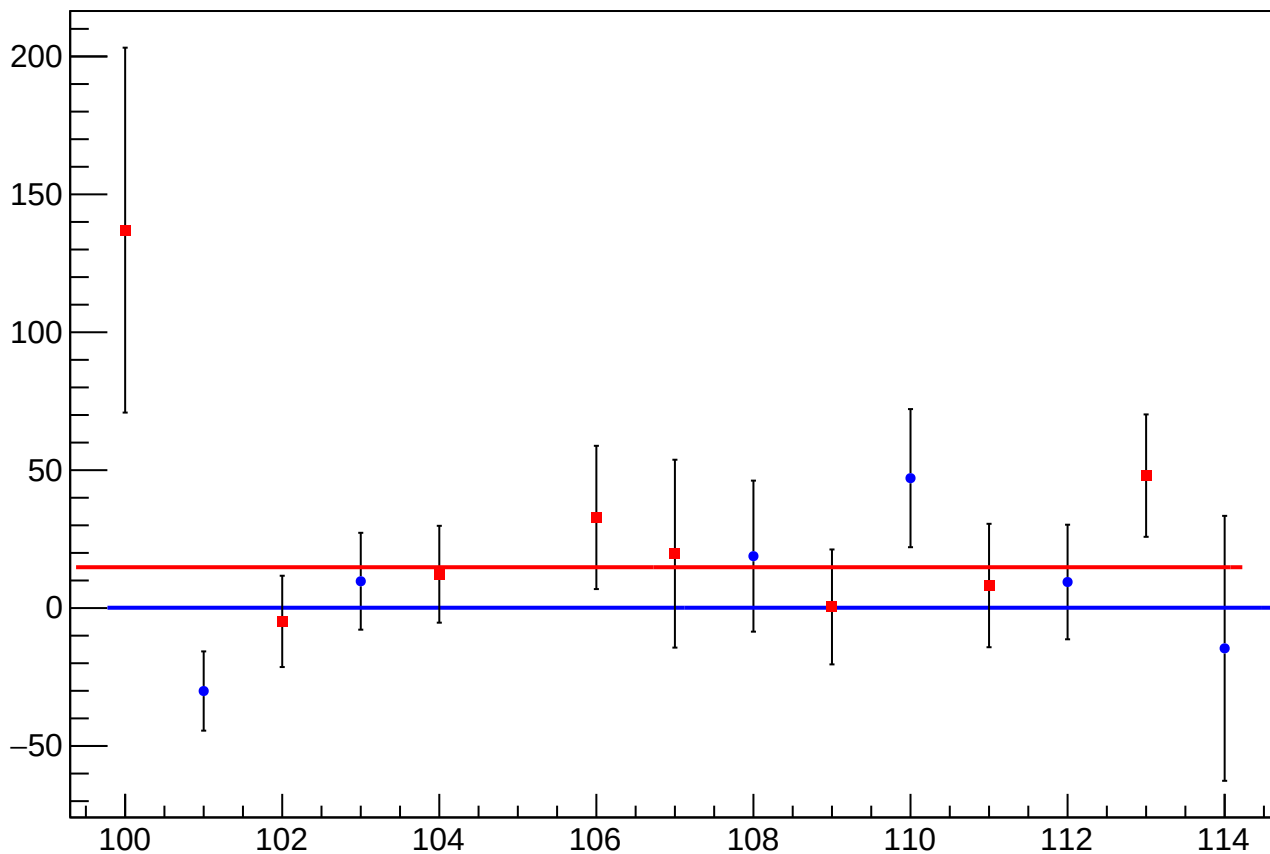
Right: 7143.888+/-2.132 χ^2/NDF : 506633.5/13

In: 7185.375+/-3.199 χ^2/NDF : 239369.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7143.888+/-2.132 χ^2/NDF : 506633.5/13

diff_bpm4acX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

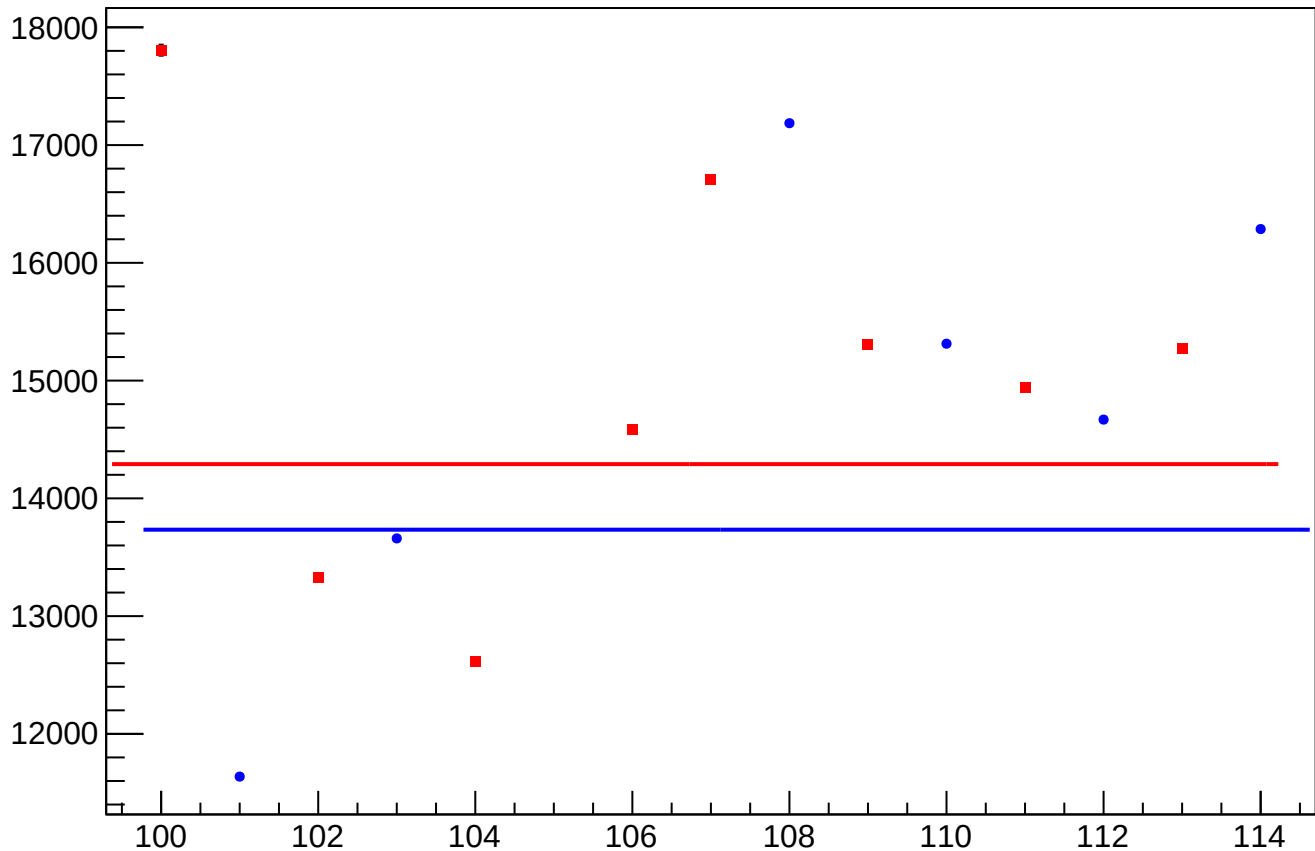
Right: 7.973+/-5.816 χ^2/NDF : 18.7/13

In: 0.123+/-8.523 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.973+/-5.816 χ^2/NDF : 18.7/13

diff_bpm4acX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

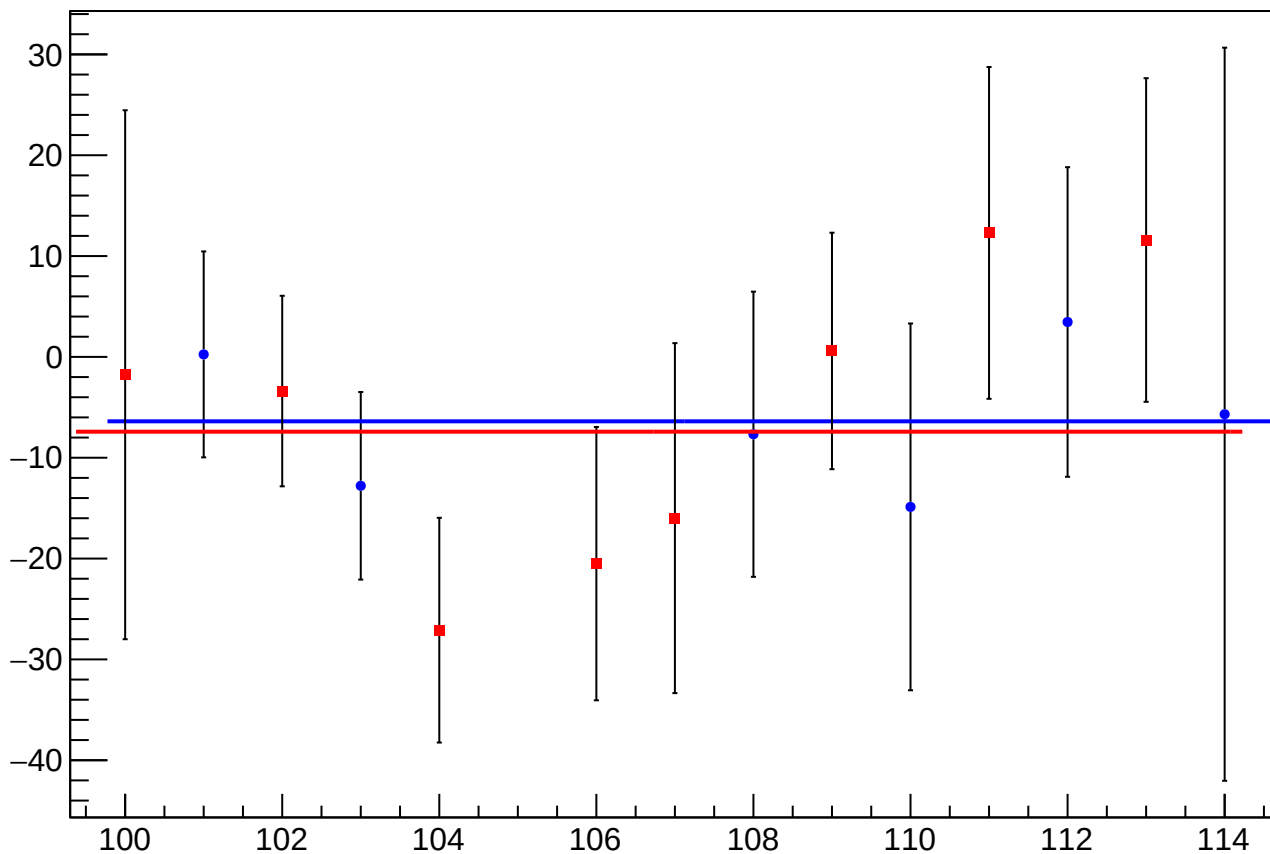
Right: 14031.468+/-4.112 χ^2/NDF : 148038.8/13

In: 13733.893+/-6.027 χ^2/NDF : 92071.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14031.468+/-4.112 χ^2/NDF : 148038.8/13

diff_bpm4acY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

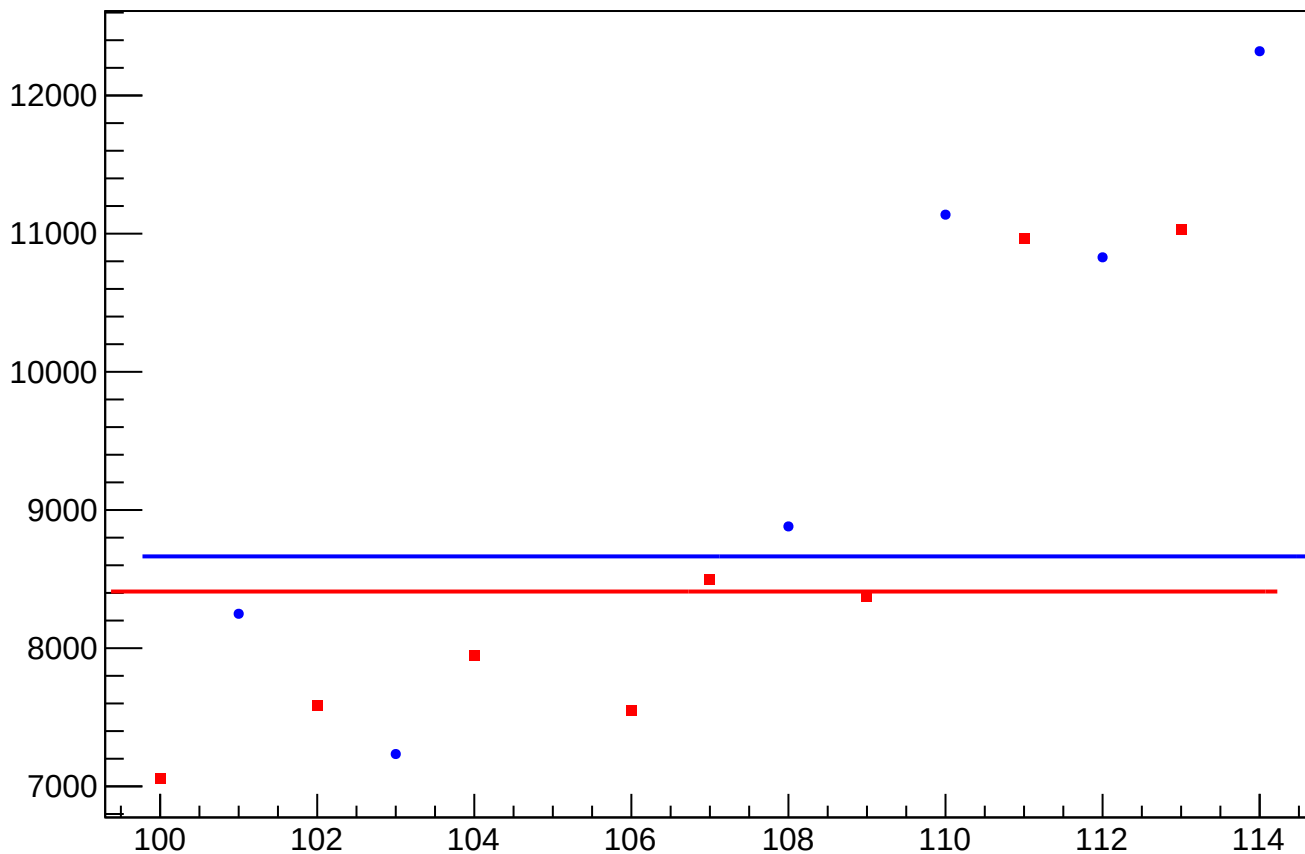
Right: -6.969+/-3.569 χ^2/NDF : 9.4/13

In: -6.389+/-5.410 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.969+/-3.569 χ^2/NDF : 9.4/13

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8664.305+/-3.825 χ^2/NDF : 148014.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8410.055+/-3.359 χ^2/NDF : 133946.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

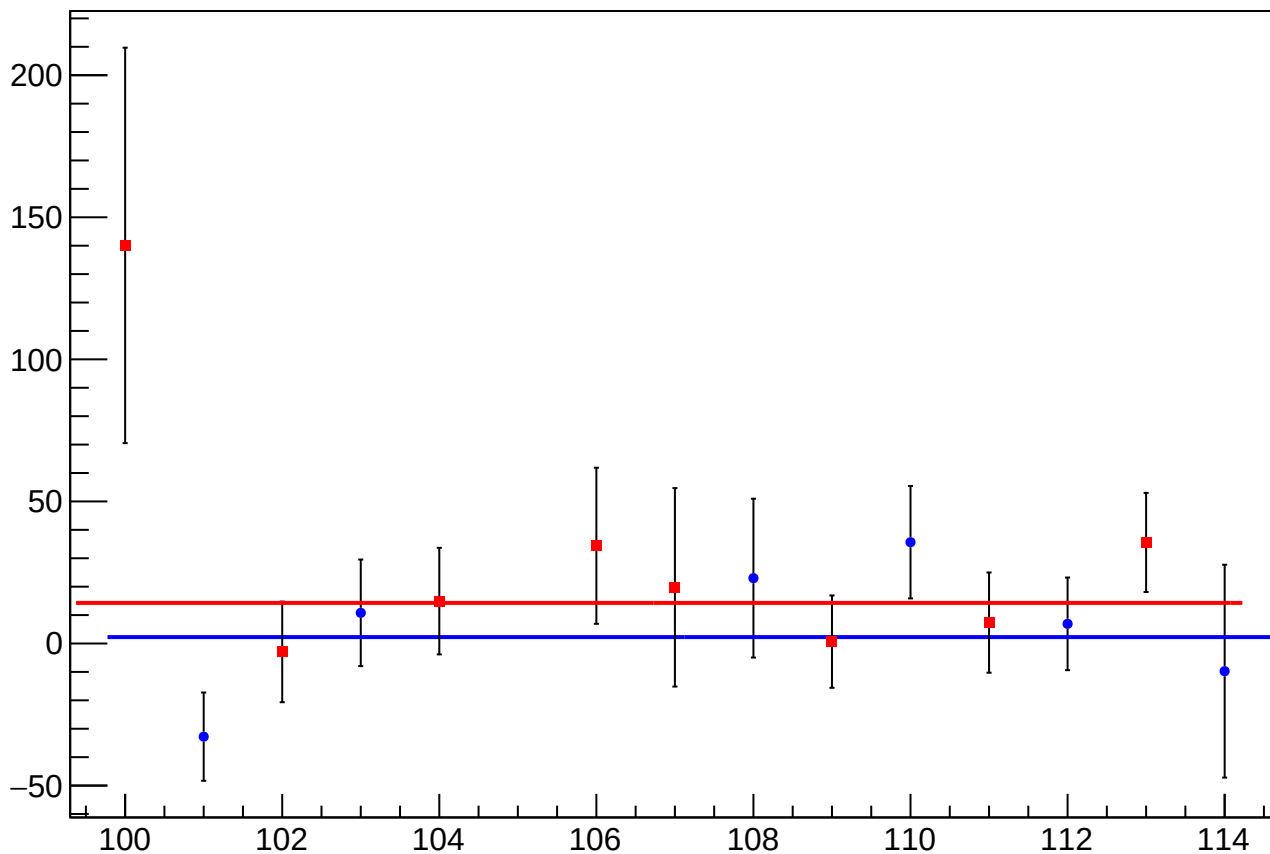
Right: 8520.732+/-2.524 χ^2/NDF : 284455.3/13

In: 8664.305+/-3.825 χ^2/NDF : 148014.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8520.732+/-2.524 χ^2/NDF : 284455.3/13

diff_bpm4ecX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

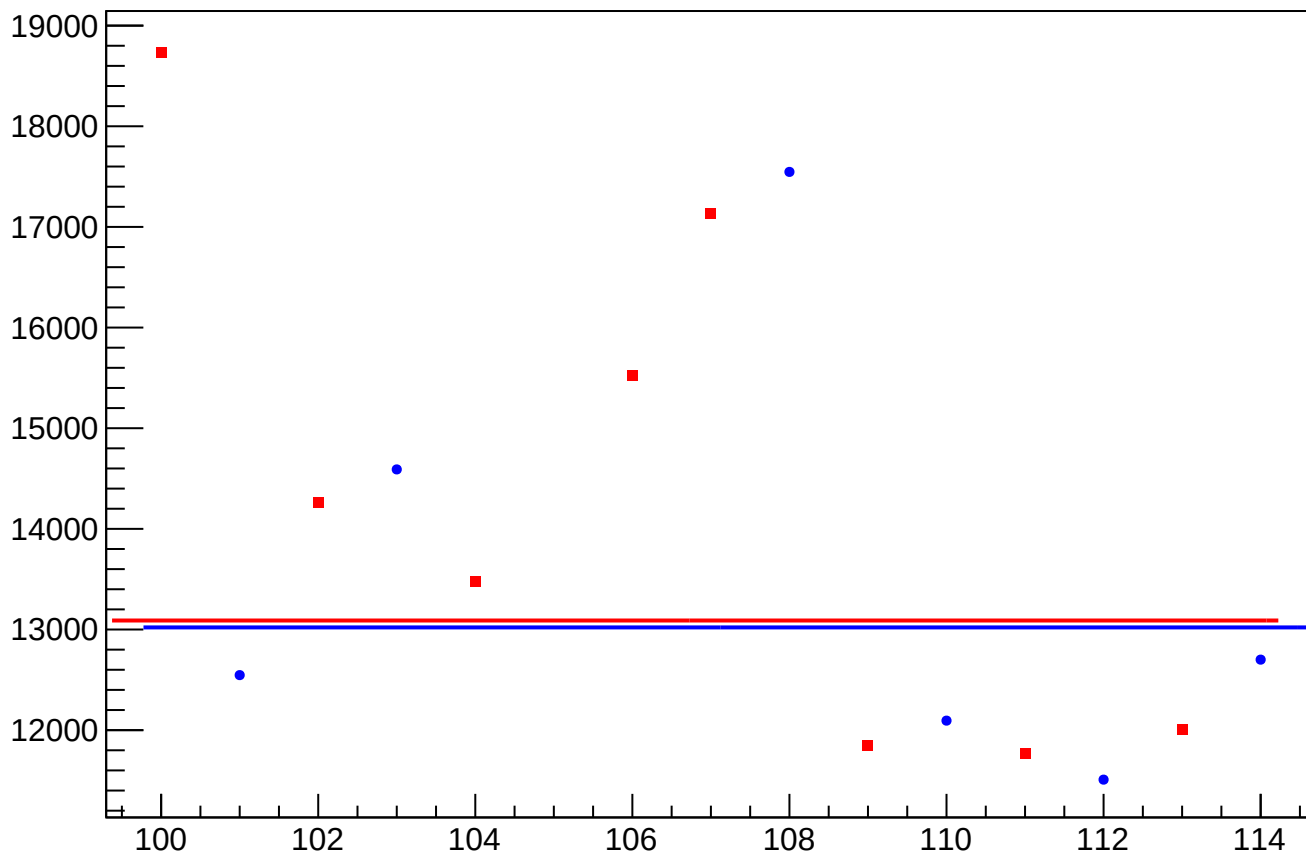
Right: 8.869+/-5.425 χ^2/NDF : 17.2/13

In: 2.253+/-8.084 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.869+/-5.425 χ^2/NDF : 17.2/13

diff_bpm4ecX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

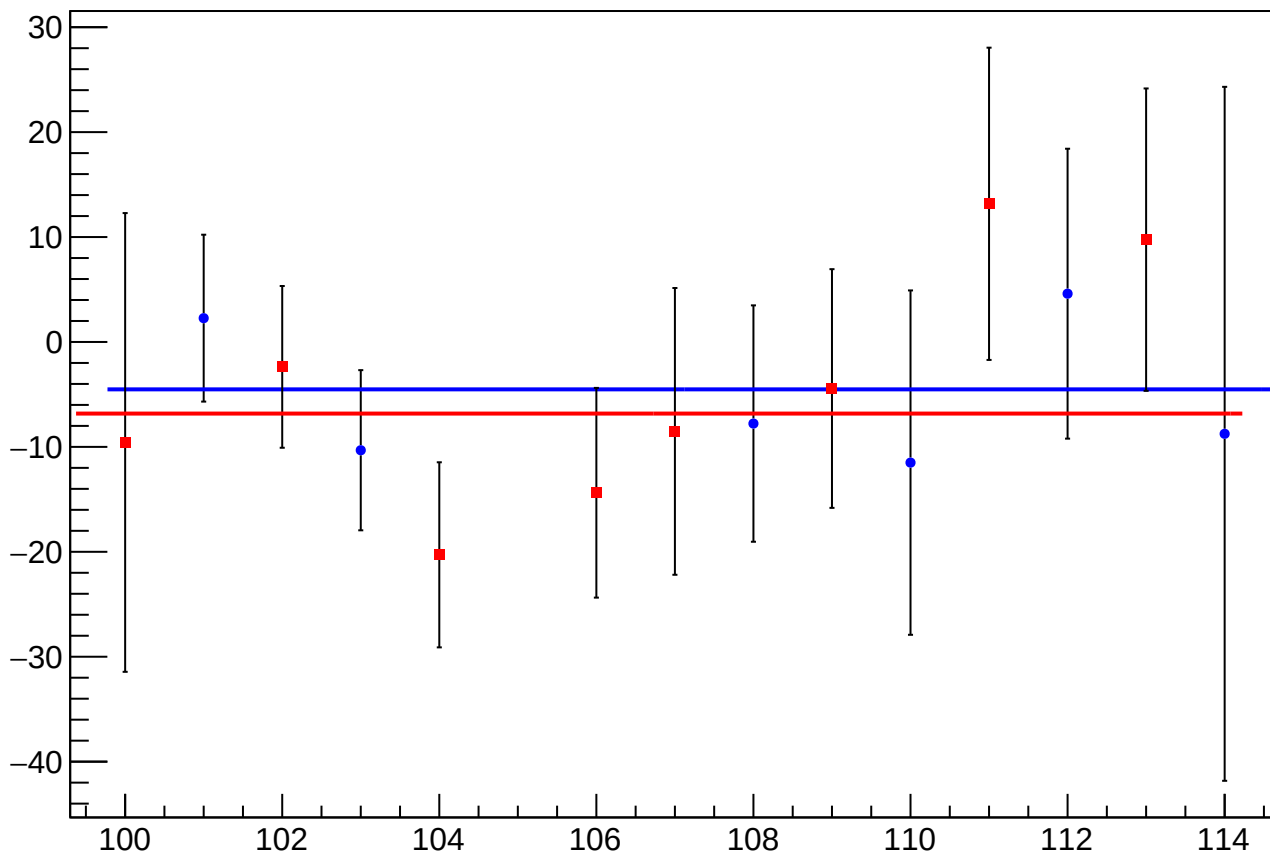
Right: 13058.529+/-3.836 χ^2/NDF : 186079.0/13

In: 13020.779+/-5.716 χ^2/NDF : 90051.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13058.529+/-3.836 χ^2/NDF : 186079.0/13

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.517 ± 4.440 χ^2/NDF : 2.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.825 ± 3.947 χ^2/NDF : 6.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

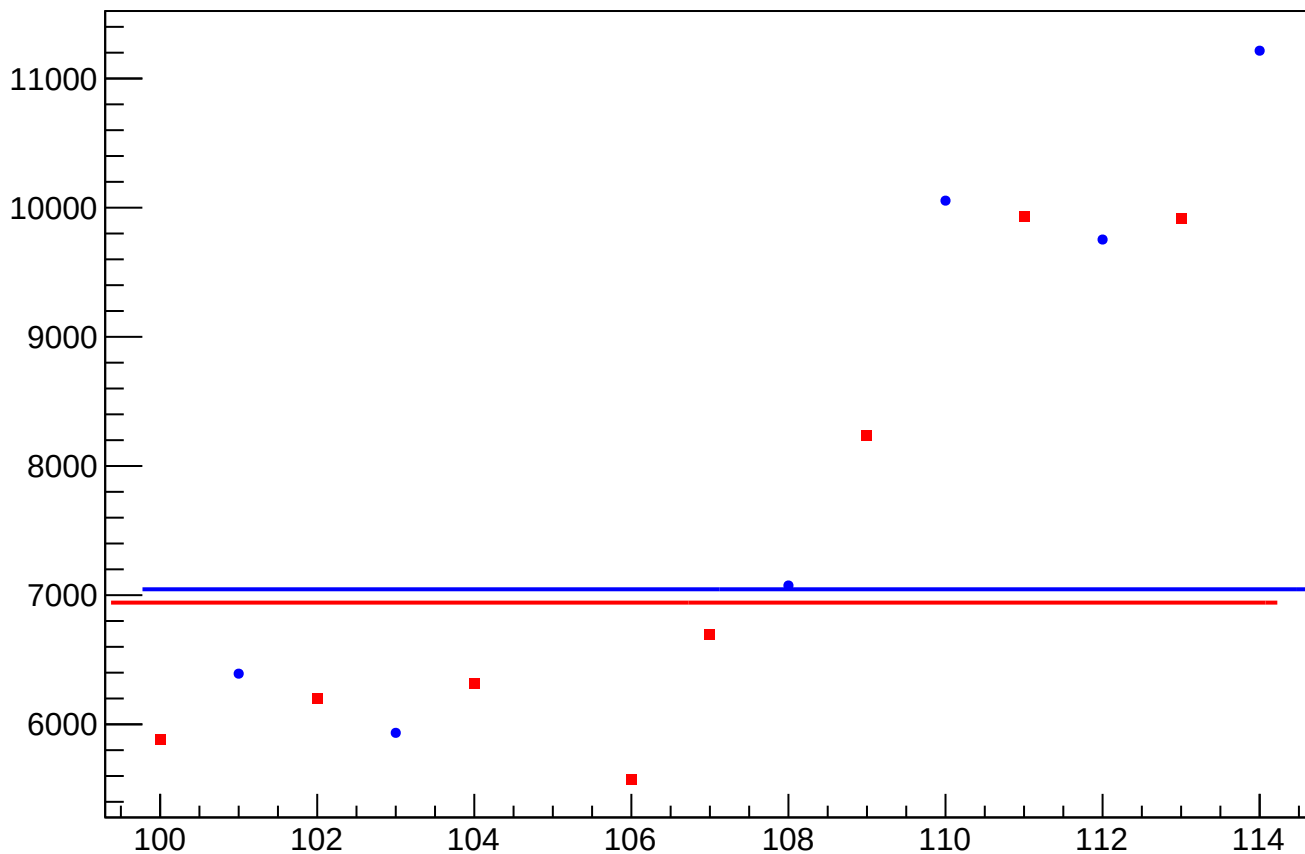
Right: -5.806 ± 2.950 χ^2/NDF : 8.6/13

In: -4.517 ± 4.440 χ^2/NDF : 2.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.806 ± 2.950 χ^2/NDF : 8.6/13

diff_bpm4ecY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

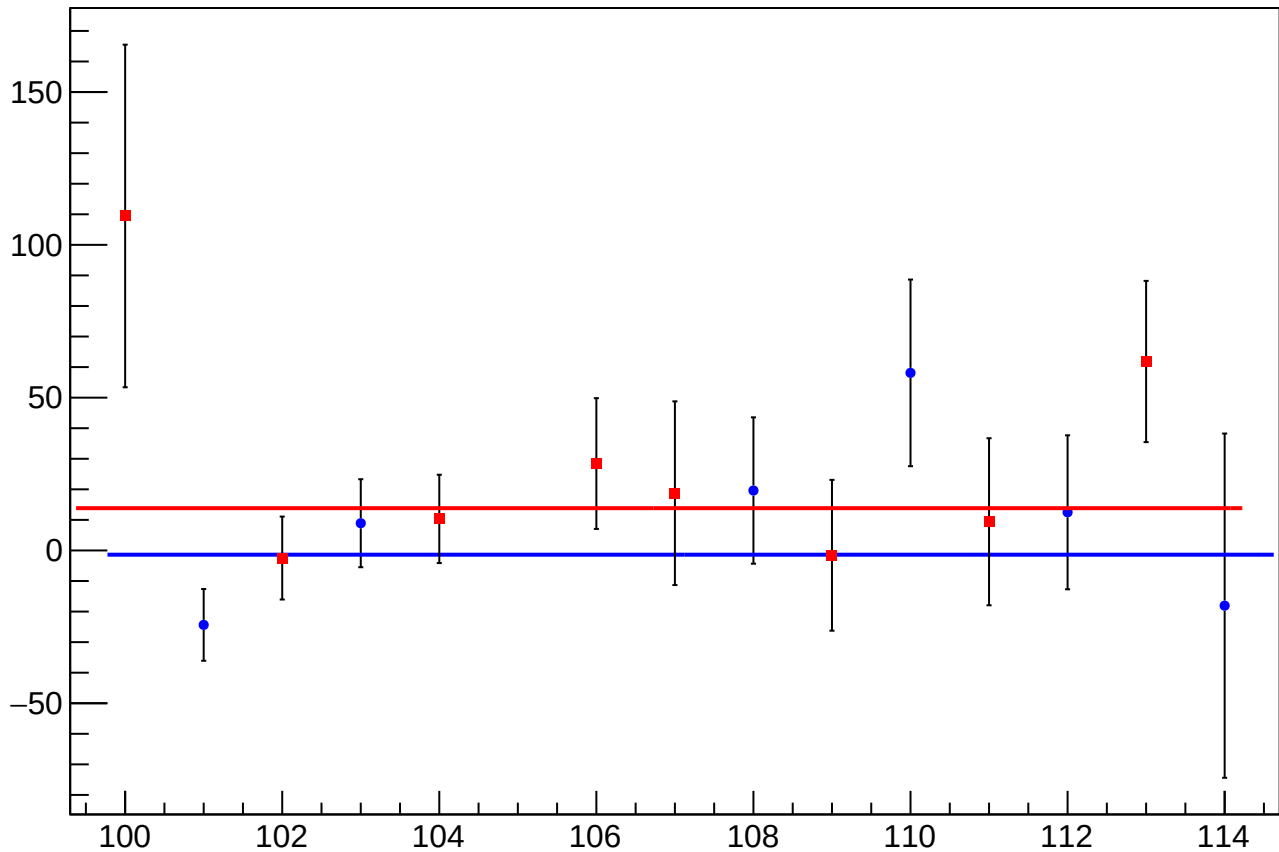
Right: 6987.862+/-2.086 χ^2/NDF : 495521.9/13

In: 7045.525+/-3.140 χ^2/NDF : 231757.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6987.862+/-2.086 χ^2/NDF : 495521.9/13

diff_bpm1X_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

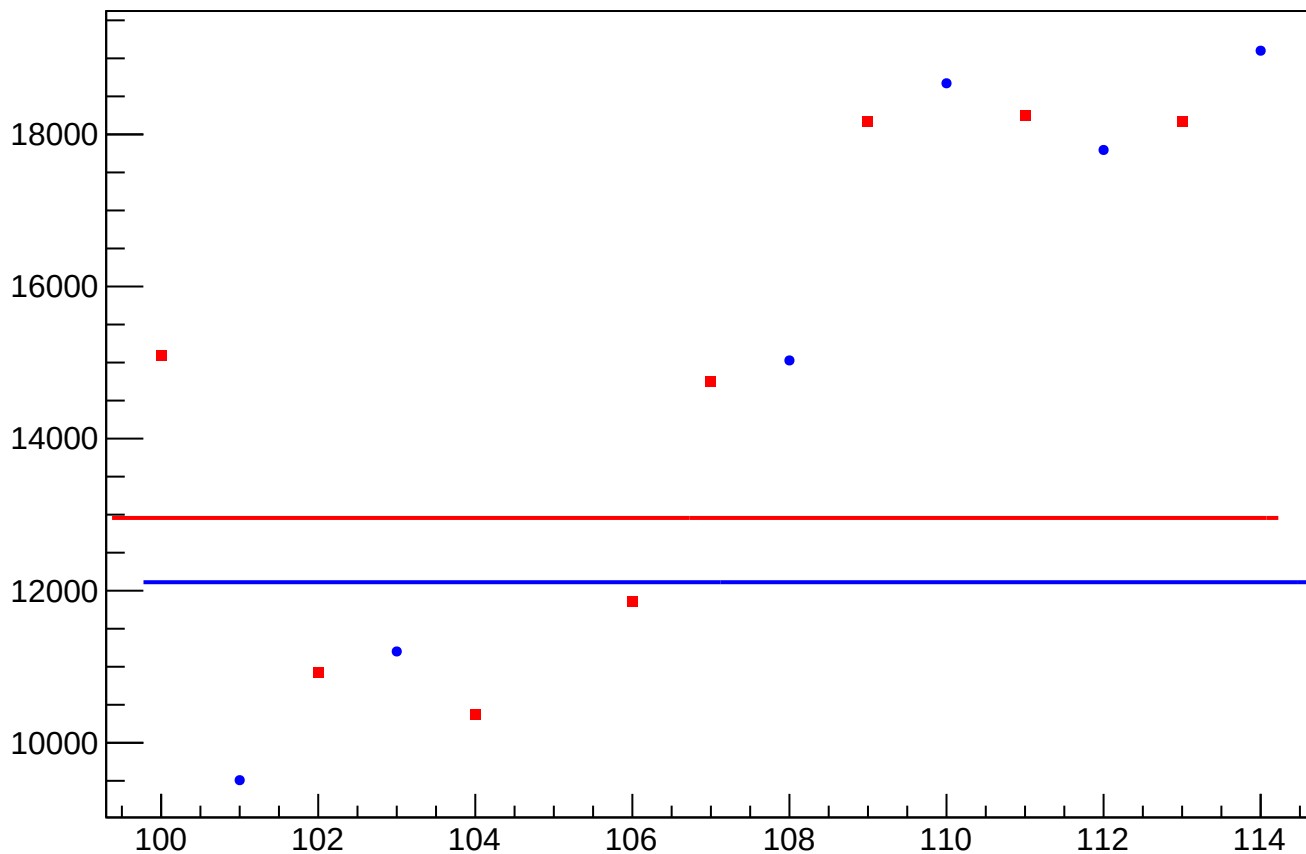
Right: 6.540 ± 5.343 χ^2/NDF : 20.0/13

In: -1.388 ± 7.718 χ^2/NDF : 9.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.540 ± 5.343 χ^2/NDF : 20.0/13

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12111.542+/-5.458 χ^2/NDF : 360928.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12956.749+/-5.235 χ^2/NDF : 365914.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

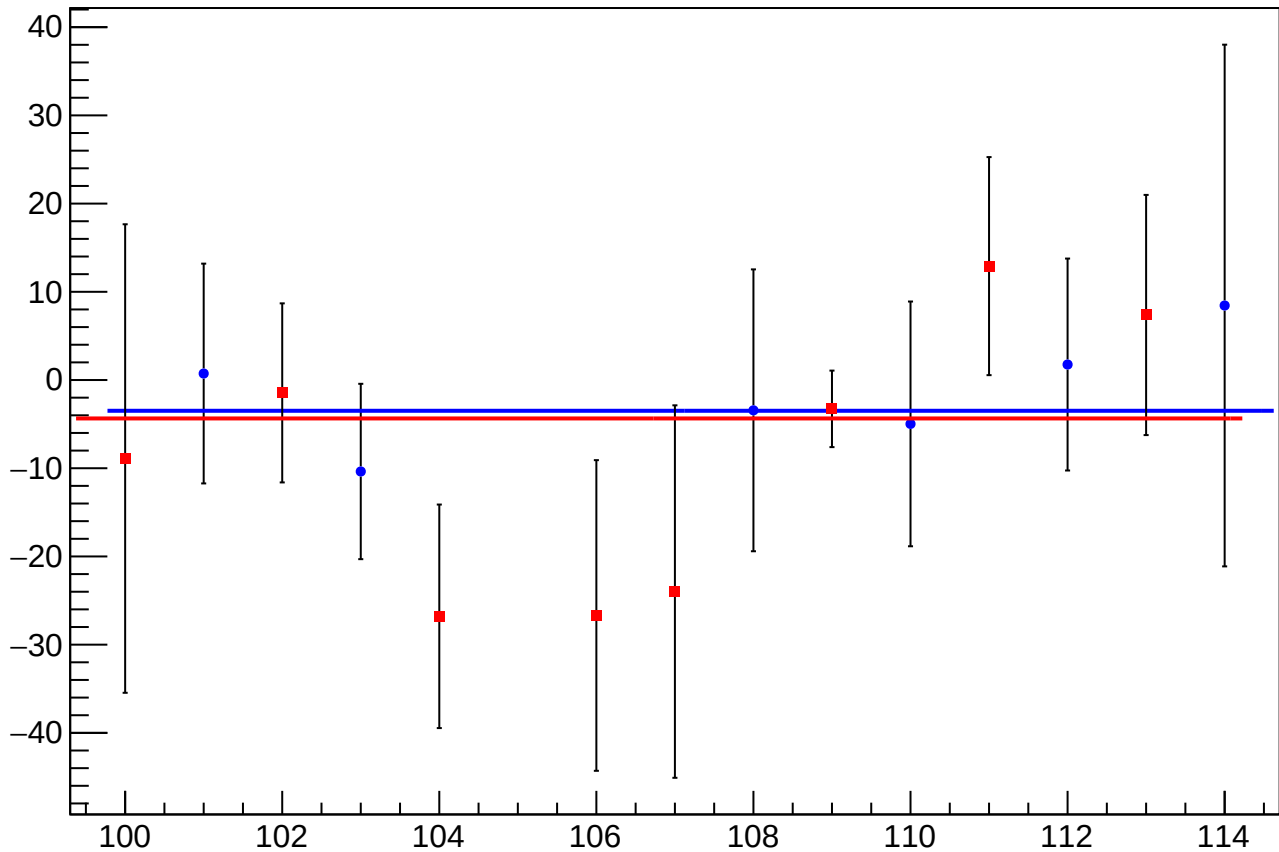
Right: 12551.761+/-3.778 χ^2/NDF : 739335.5/13

In: 12111.542+/-5.458 χ^2/NDF : 360928.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12551.761+/-3.778 χ^2/NDF : 739335.5/13

diff_bpm1Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

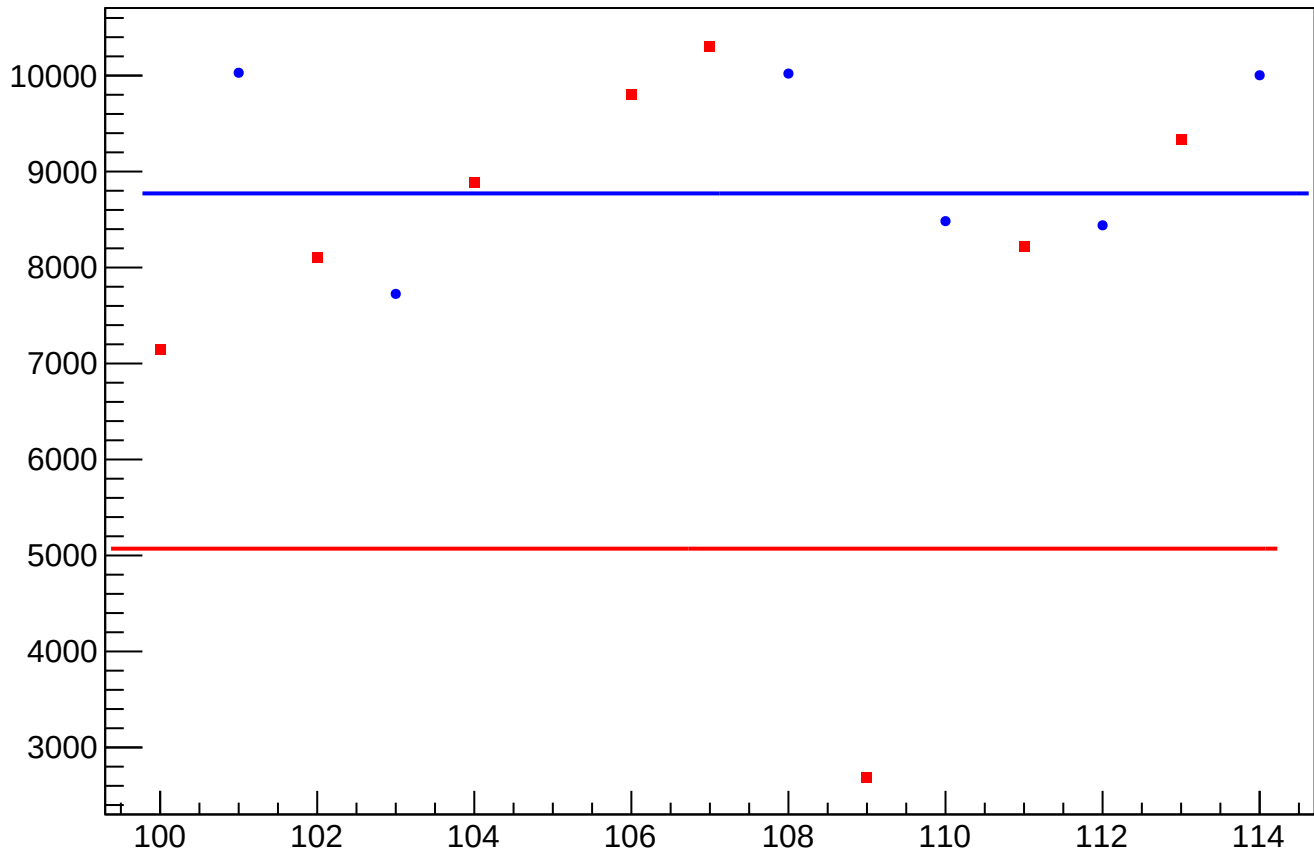
Right: -4.115+/-2.867 χ^2/NDF : 9.5/13

In: -3.487+/-5.443 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.115+/-2.867 χ^2/NDF : 9.5/13

diff_bpm1Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

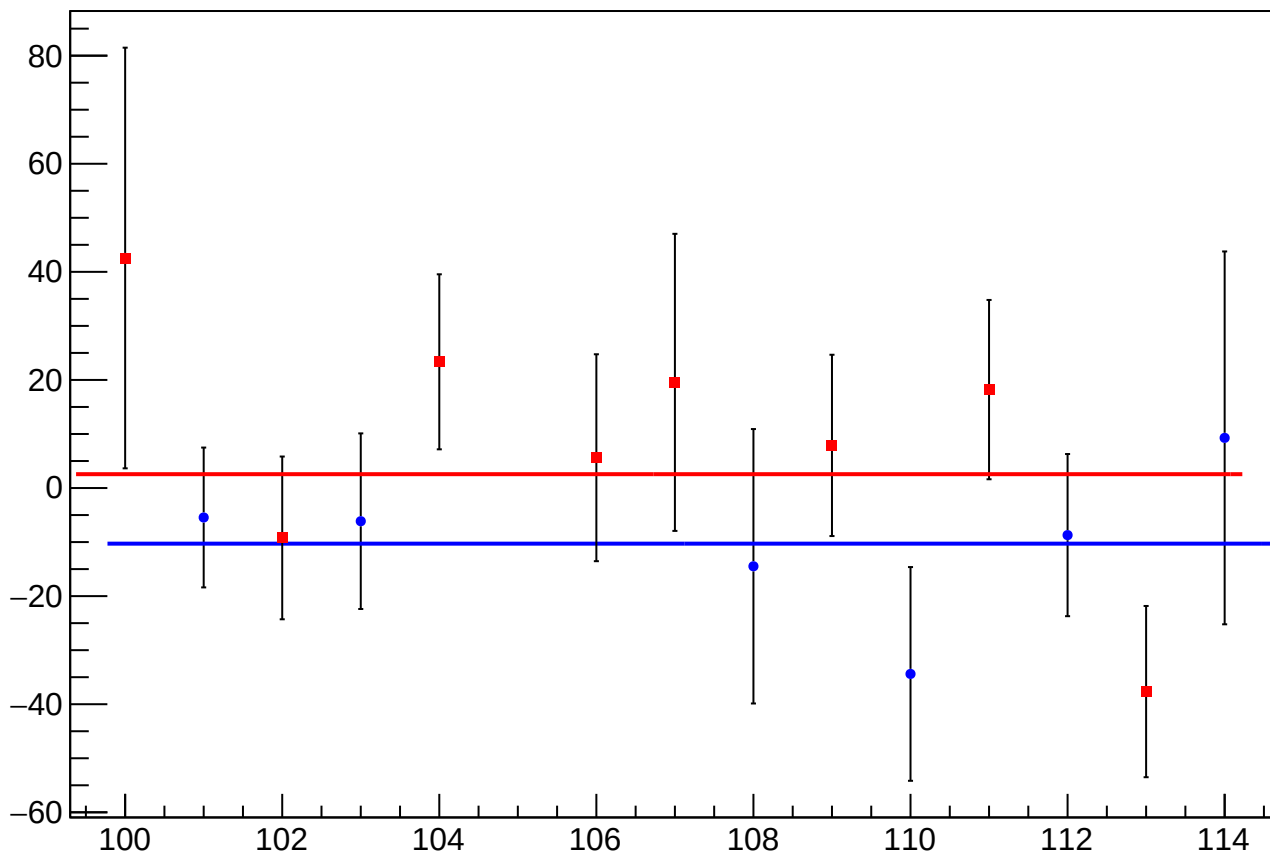
Right: 6097.661+/-2.027 χ^2/NDF : 2299213.7/13

In: 8772.204+/-3.849 χ^2/NDF : 60615.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6097.661+/-2.027 χ^2/NDF : 2299213.7/13

diff_bpm11X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

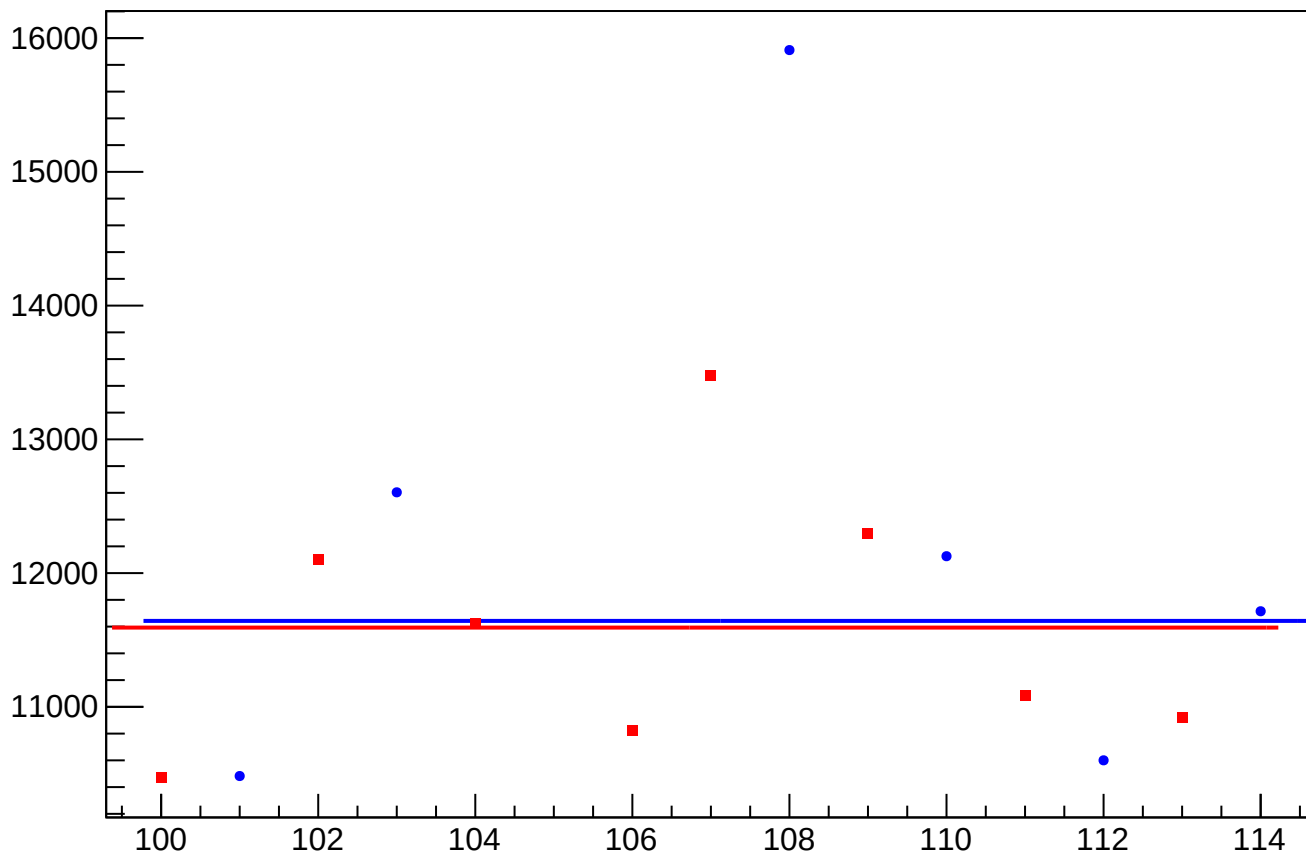
Right: -3.128+/-4.808 χ^2/NDF : 15.0/13

In: -10.291+/-7.225 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.128+/-4.808 χ^2/NDF : 15.0/13

diff_bpm11X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

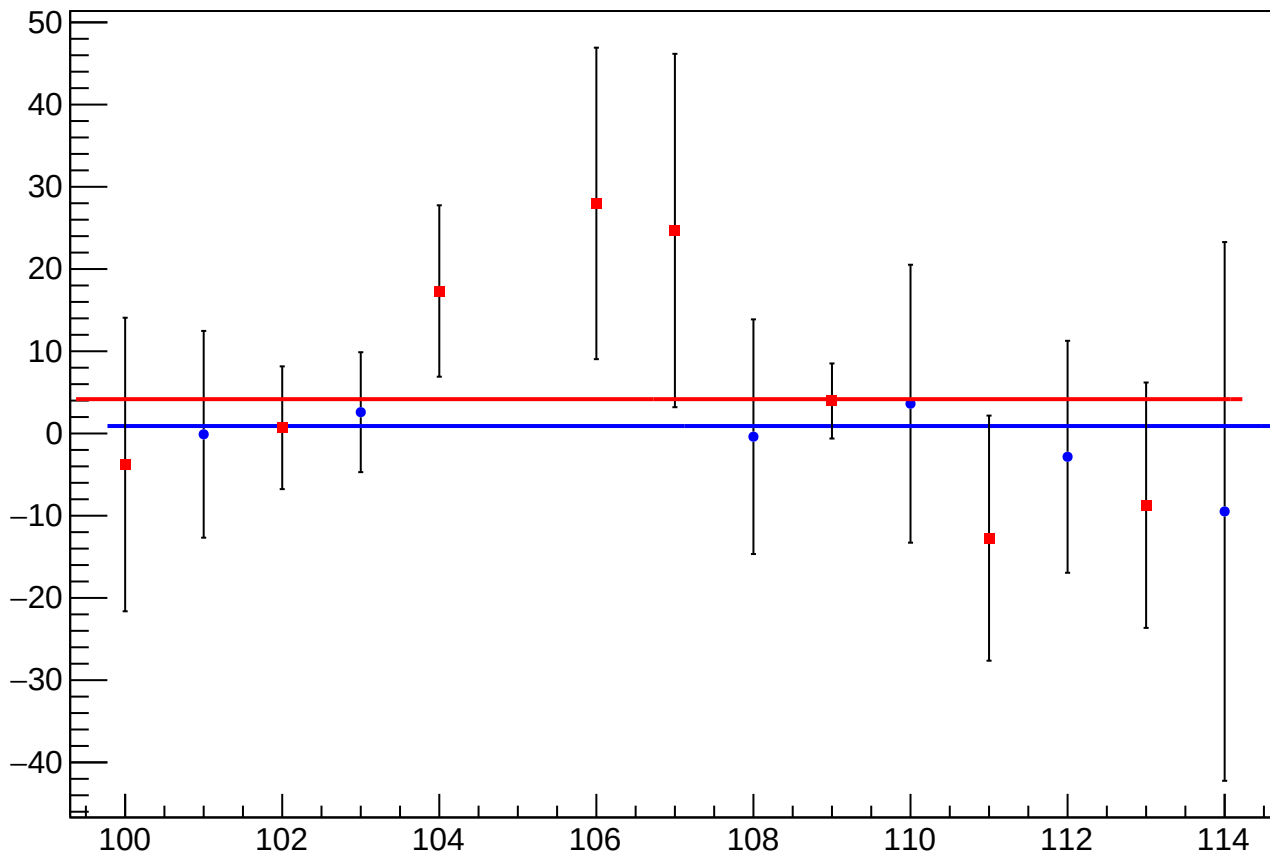
Right: 11614.776+/-3.399 χ^2/NDF : 116096.2/13

In: 11642.613+/-5.109 χ^2/NDF : 90457.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11614.776+/-3.399 χ^2/NDF : 116096.2/13

diff_bpm11Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

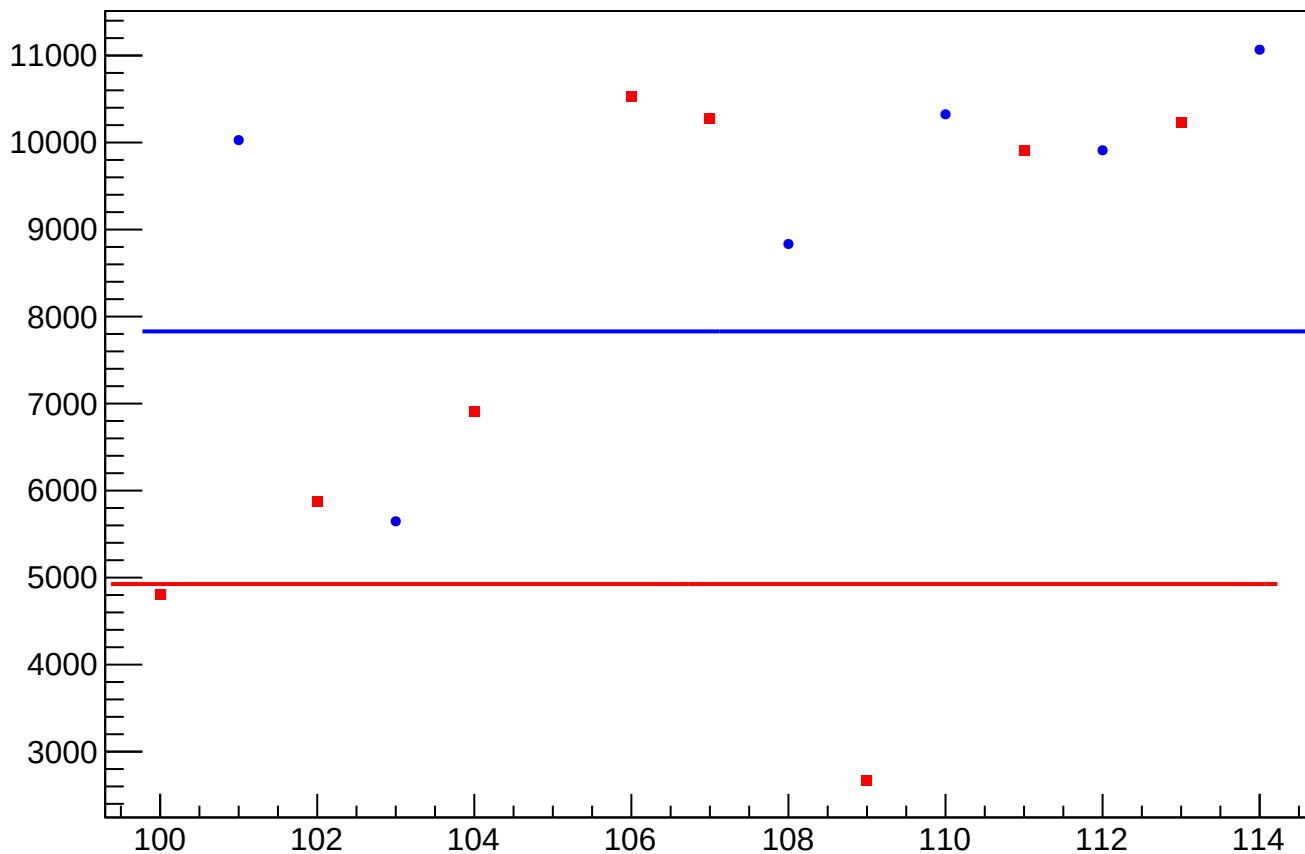
Right: 3.193+/-2.756 χ^2/NDF : 7.1/13

In: 0.906+/-5.031 χ^2/NDF : 0.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.193+/-2.756 χ^2/NDF : 7.1/13

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7829.509+/-3.558 χ^2/NDF : 356862.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4926.176+/-2.329 χ^2/NDF : 1368085.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

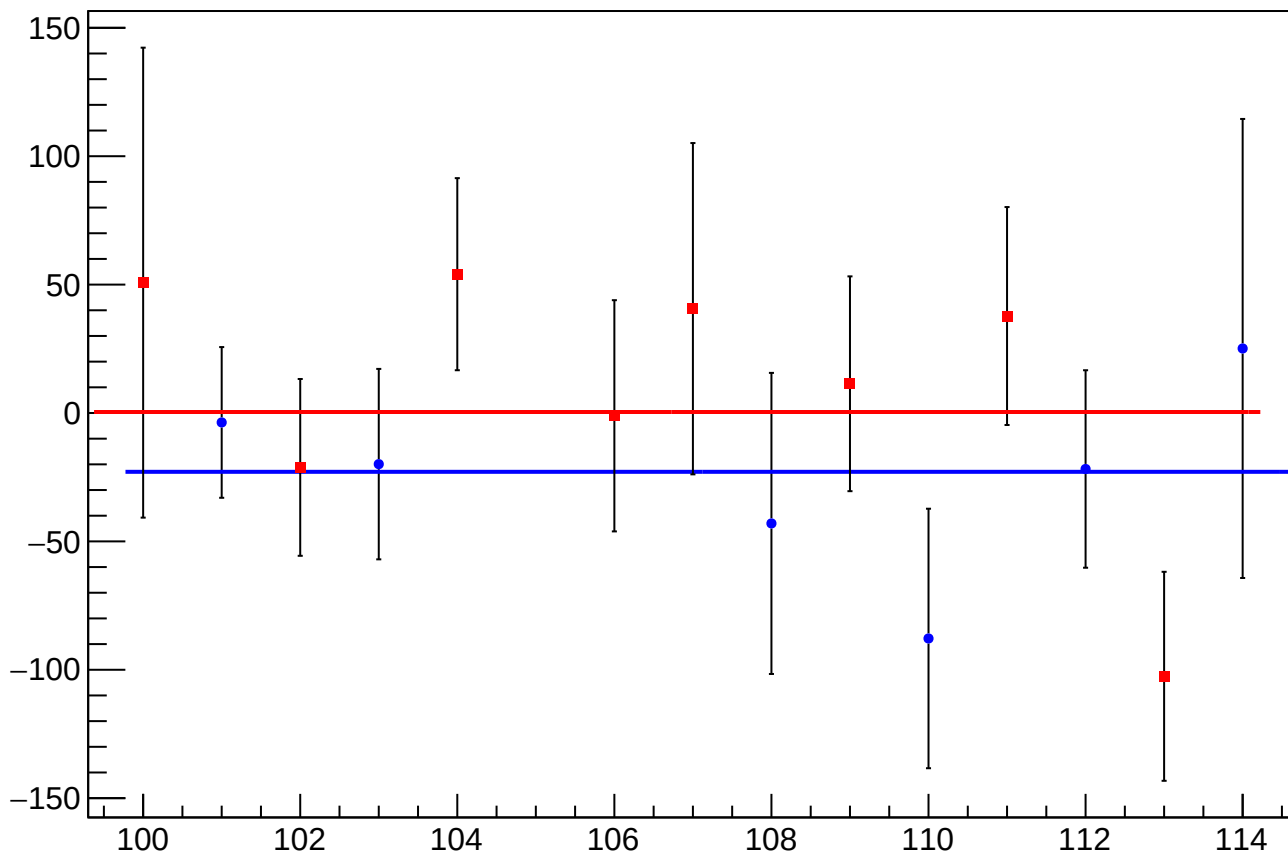
Right: 5797.092+/-1.949 χ^2/NDF : 2191152.8/13

In: 7829.509+/-3.558 χ^2/NDF : 356862.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5797.092+/-1.949 χ^2/NDF : 2191152.8/13

diff_bpm12X_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

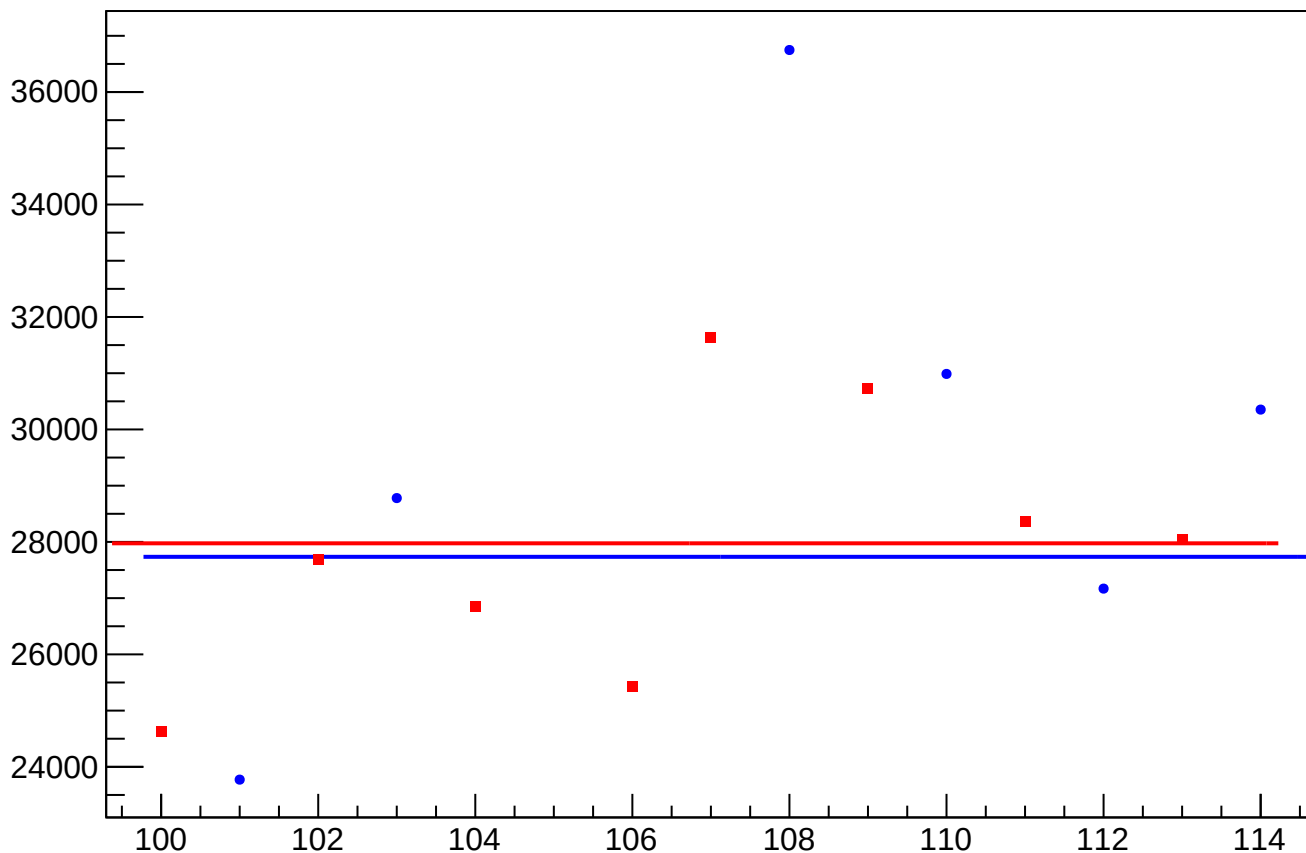
Right: -10.067 $\pm$ 11.536 χ^2 /NDF: 13.9/13

In: -22.907 $\pm$ 17.220 χ^2 /NDF: 2.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.067 $\pm$ 11.536 χ^2 /NDF: 13.9/13

diff_bpm12X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

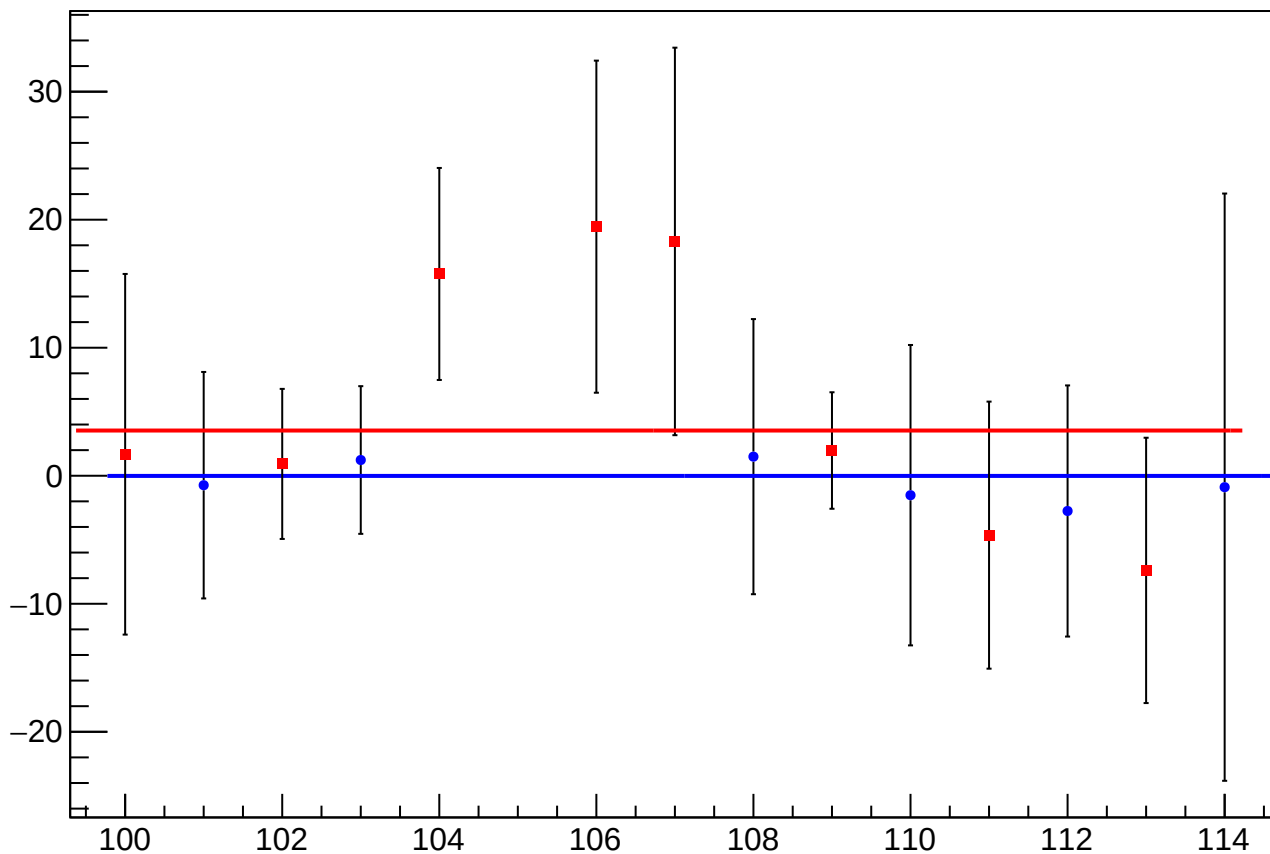
Right: 27867.233+/-8.157 χ^2 /NDF: 122264.3/13

In: 27734.820+/-12.176 χ^2 /NDF:95748.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 27867.233+/-8.157 χ^2 /NDF: 122264.3/13

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.013+/-3.751 χ^2/NDF : 0.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.532+/-2.819 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

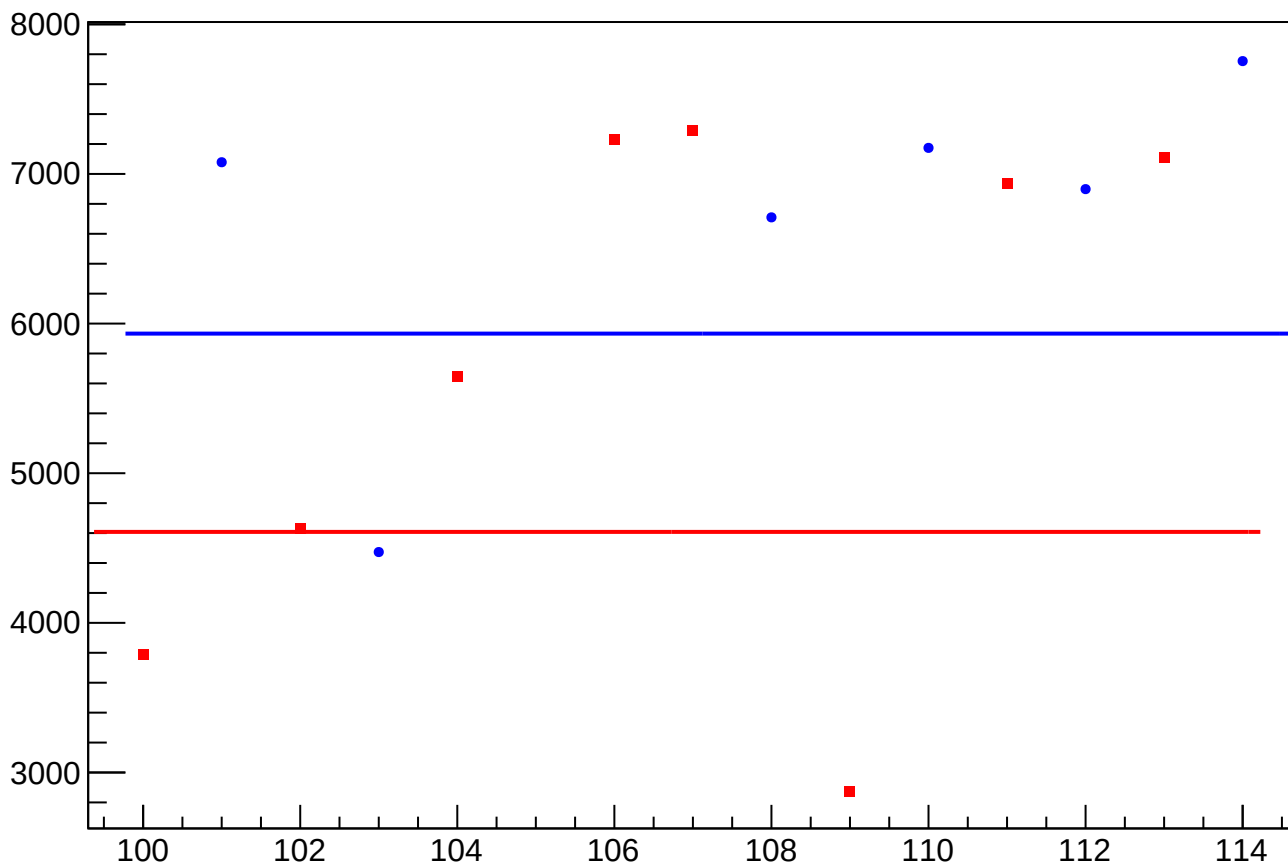
Right: 2.253+/-2.253 χ^2/NDF : 7.4/13

In: -0.013+/-3.751 χ^2/NDF : 0.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.253+/-2.253 χ^2/NDF : 7.4/13

diff_bpm12Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

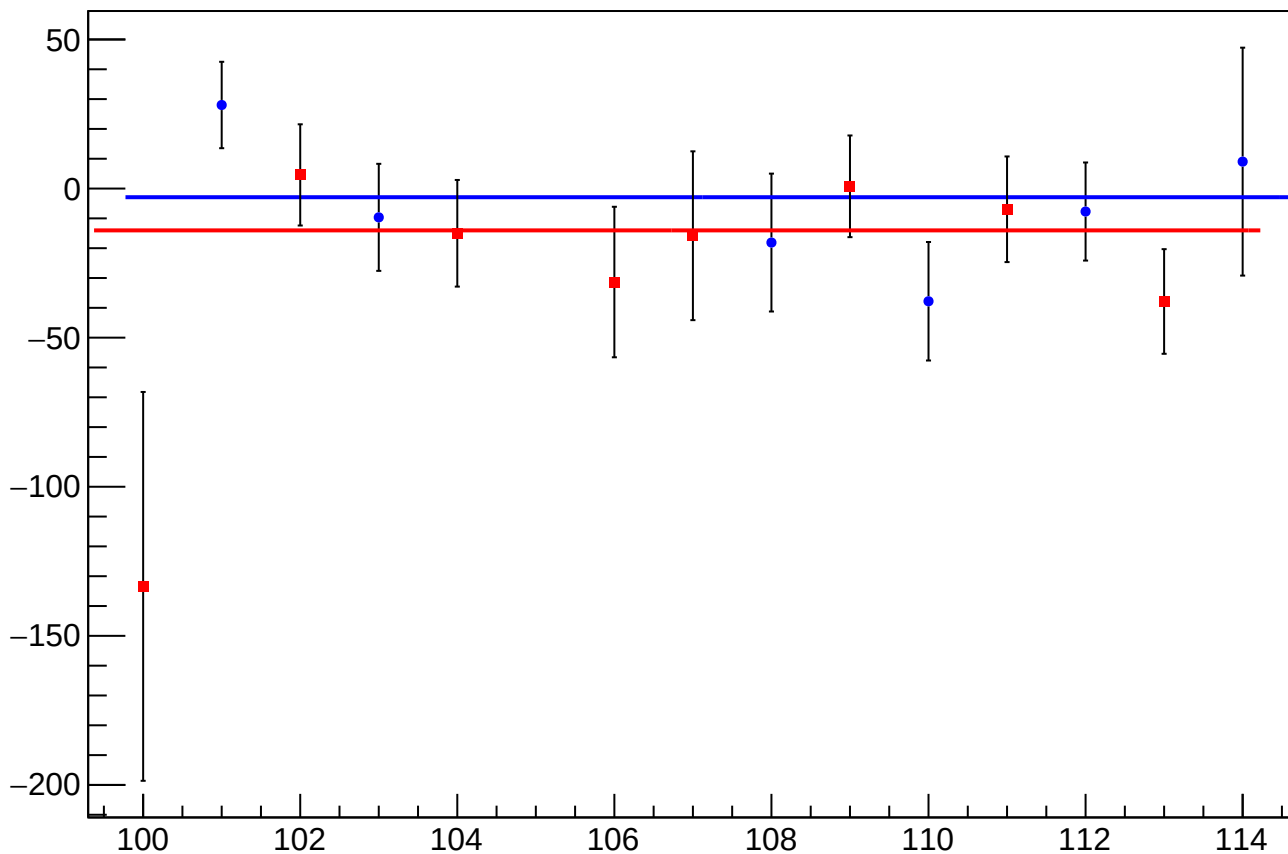
Right: 5086.053+/-1.593 χ^2/NDF : 1075425.2/13

In: 5932.993+/-2.653 χ^2/NDF : 226470.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5086.053+/-1.593 χ^2/NDF : 1075425.2/13

diff_bpm16X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

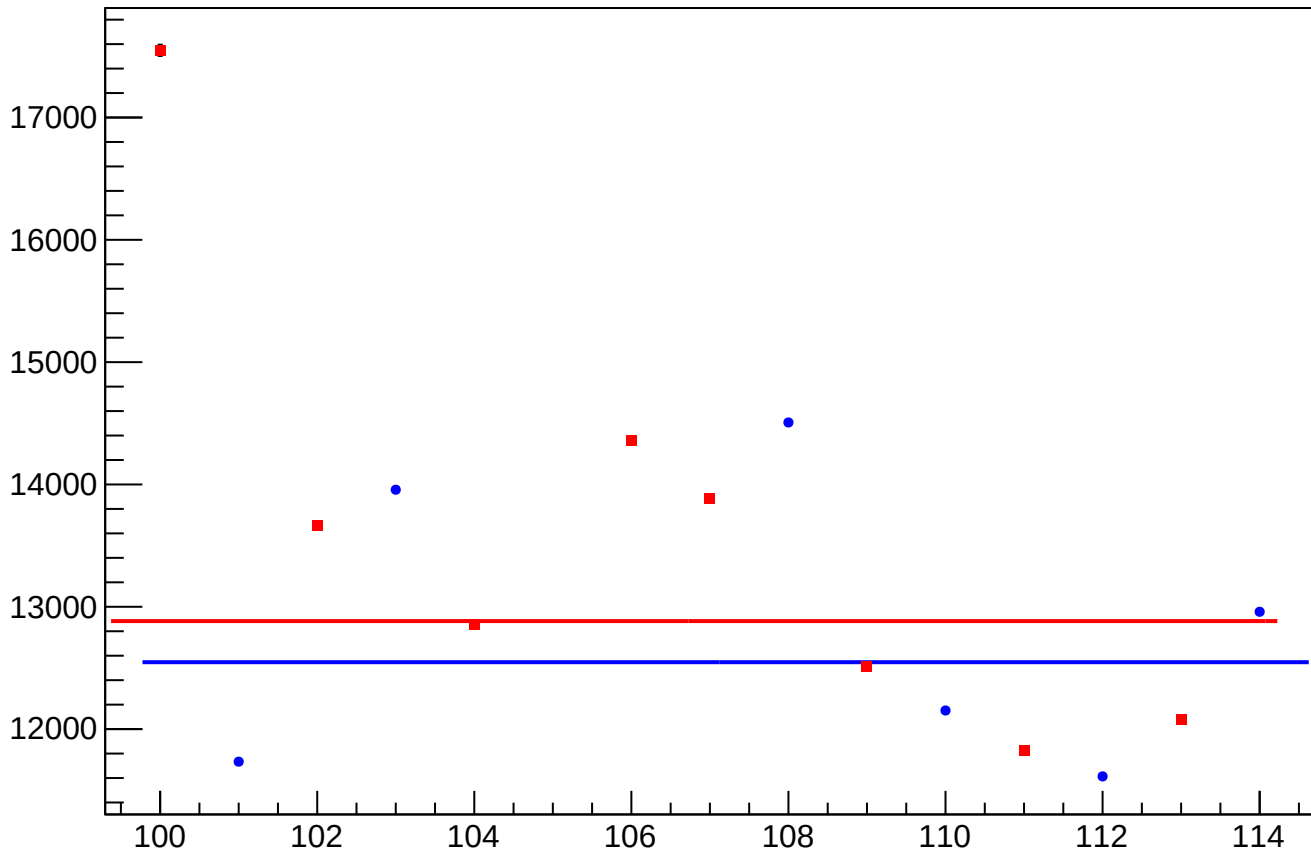
Right: -8.907+/-5.257 χ^2 /NDF: 17.3/13

In: -2.903+/-7.749 χ^2 /NDF:8.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.907+/-5.257 χ^2 /NDF: 17.3/13

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12546.983+/-5.479 χ^2/NDF : 40484.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12883.204+/-5.060 χ^2/NDF : 36102.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

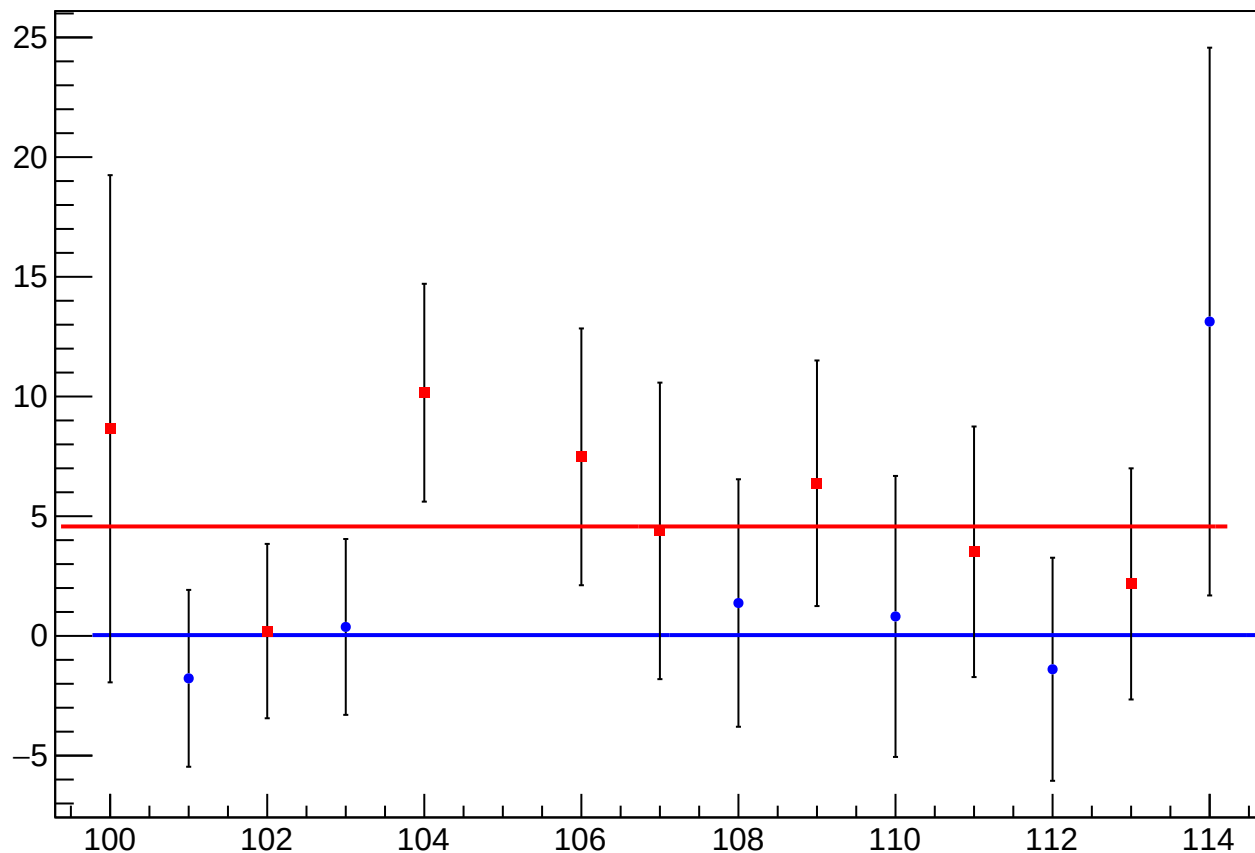
Right: 12728.448+/-3.717 χ^2/NDF : 78619.0/13

In: 12546.983+/-5.479 χ^2/NDF : 40484.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12728.448+/-3.717 χ^2/NDF : 78619.0/13

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 1.933 χ^2 /NDF: 1.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.572 $\pm$ 1.794 χ^2 /NDF: 3.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

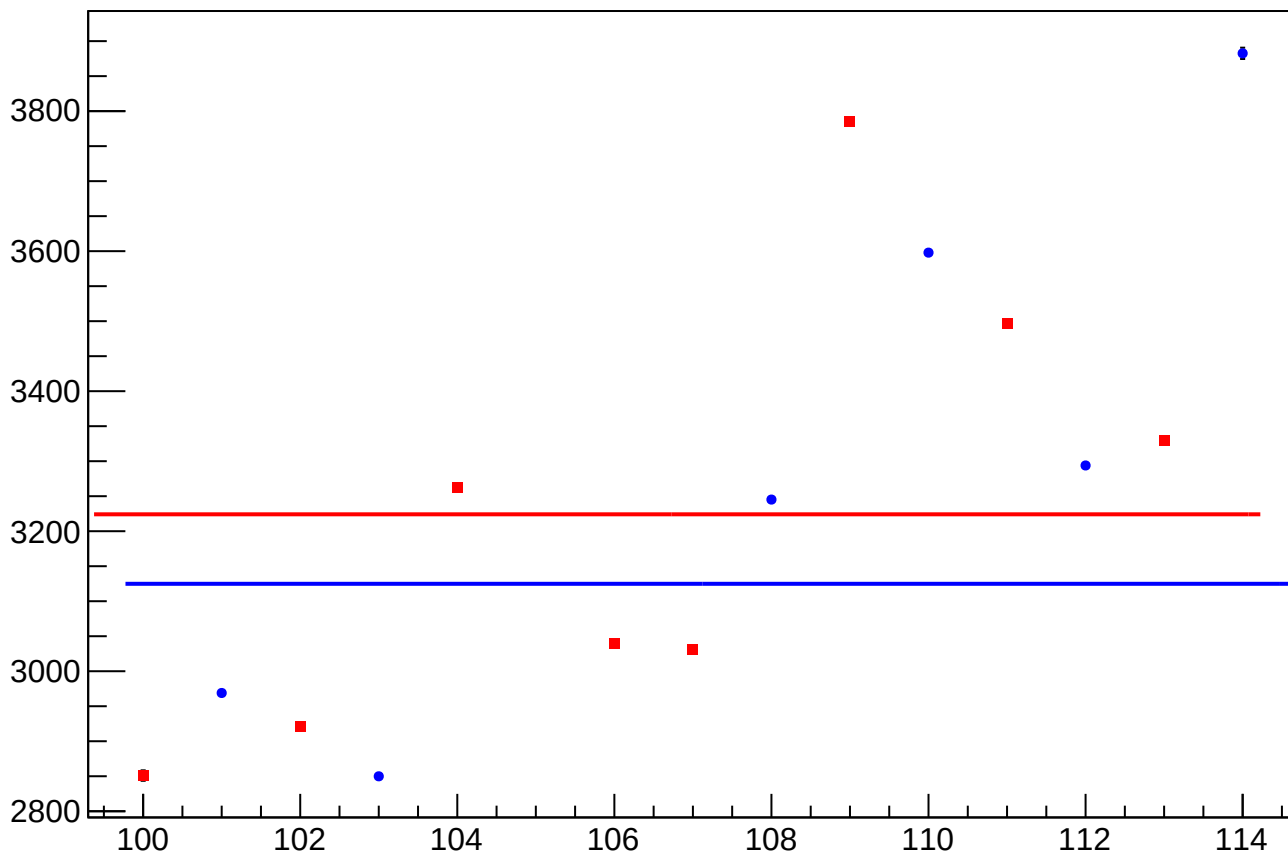
Right: 2.473 $\pm$ 1.315 χ^2 /NDF: 8.5/13

In: 0.034 $\pm$ 1.933 χ^2 /NDF: 1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.473 $\pm$ 1.315 χ^2 /NDF: 8.5/13

diff_bpm16Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

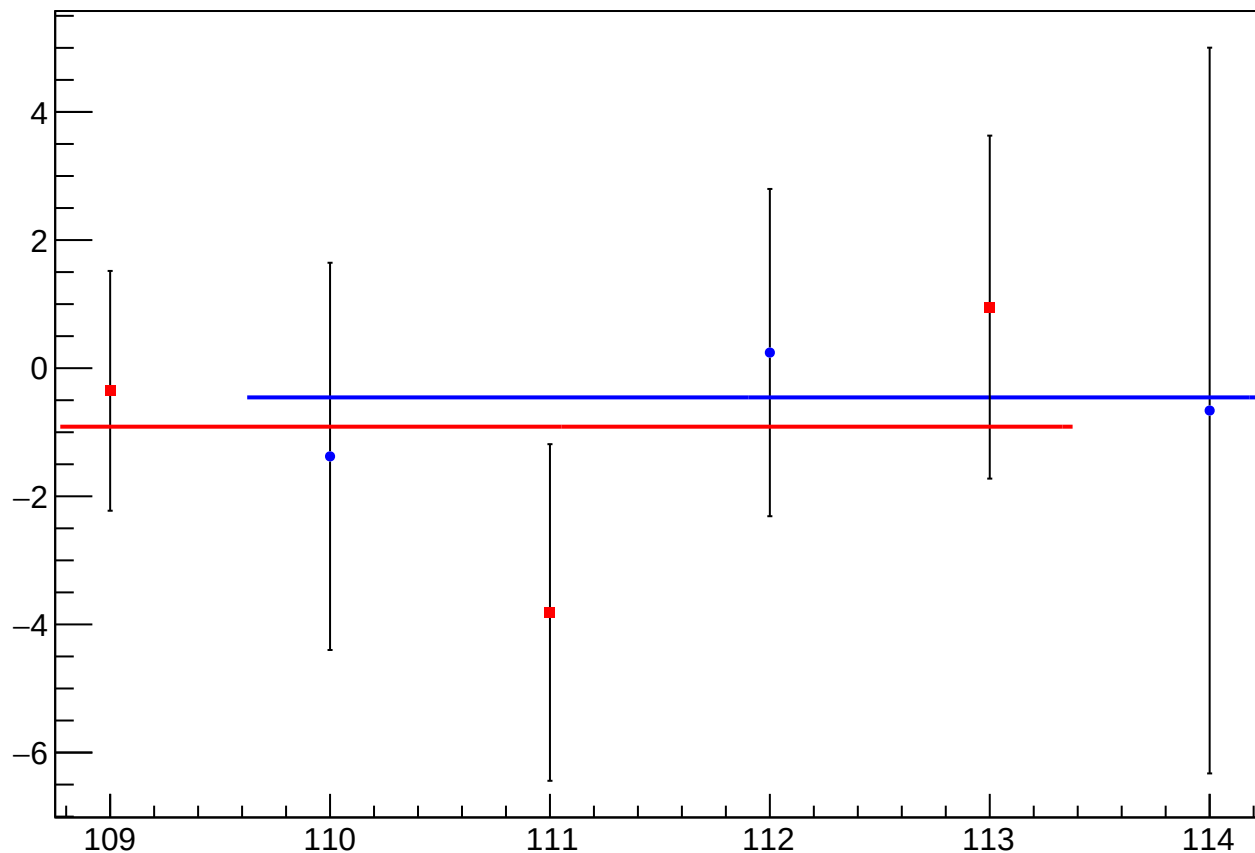
Right: 3178.217+/-0.930 χ^2/NDF : 94288.5/13

In: 3124.872+/-1.367 χ^2/NDF : 40251.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3178.217+/-0.930 χ^2/NDF : 94288.5/13

diff_bpm1p02bX_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

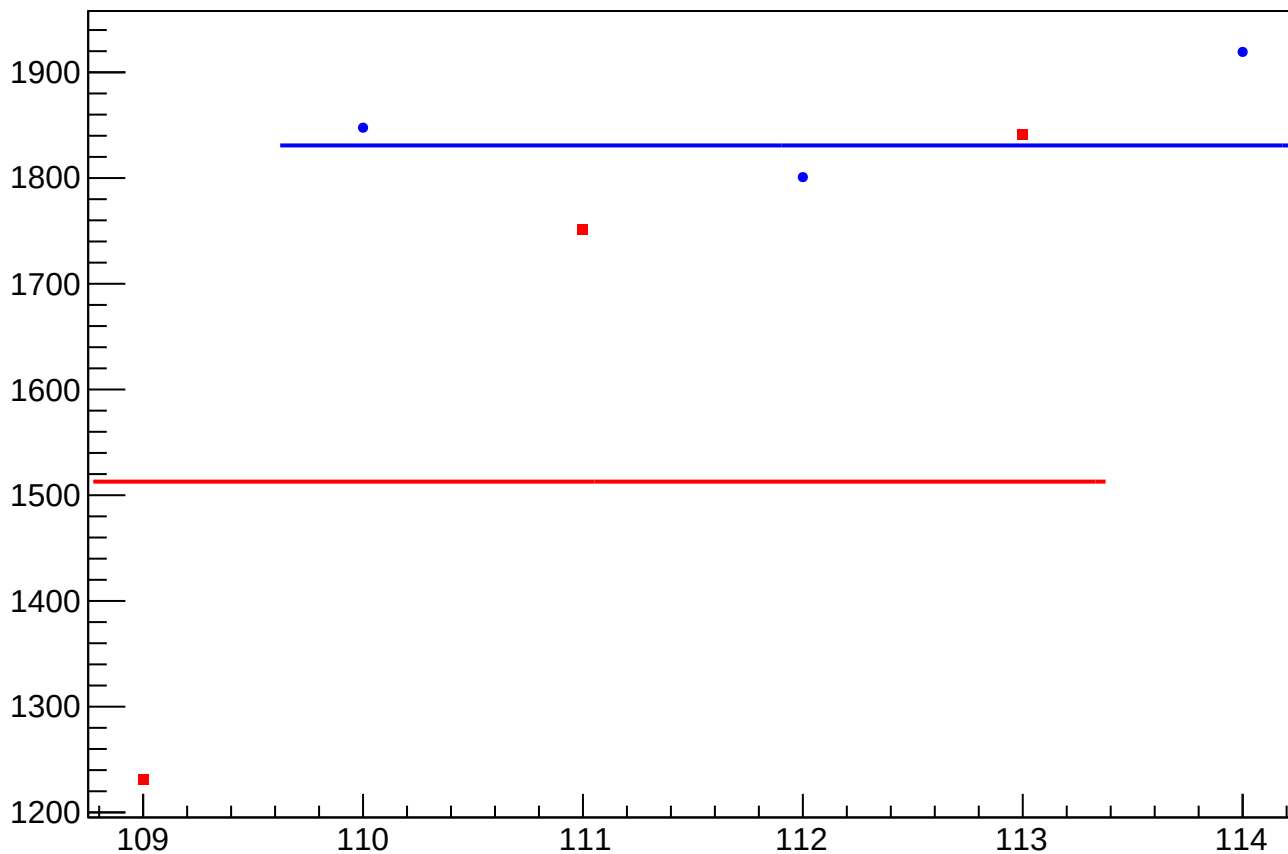
Right: -0.758 $\pm$ 1.076 χ^2 /NDF: 2.0/5

In: -0.456 $\pm$ 1.845 χ^2 /NDF: 0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.758 $\pm$ 1.076 χ^2 /NDF: 2.0/5

diff_bpm1p02bX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

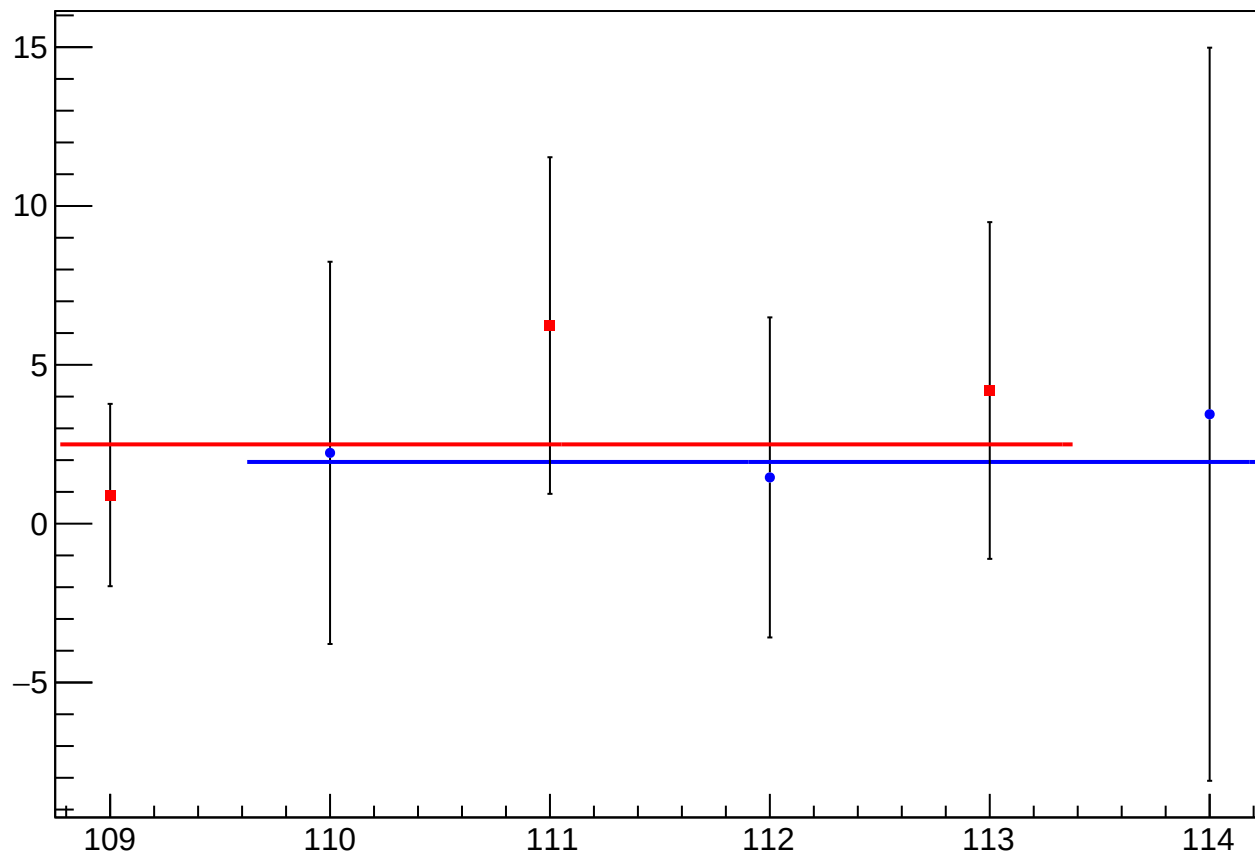
Right: 1621.075+/-0.761 χ^2/NDF : 131936.5/5

In: 1830.849+/-1.304 χ^2/NDF : 825.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.075+/-0.761 χ^2/NDF : 131936.5/5

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 1.943+/-3.663 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.496+/-2.278 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

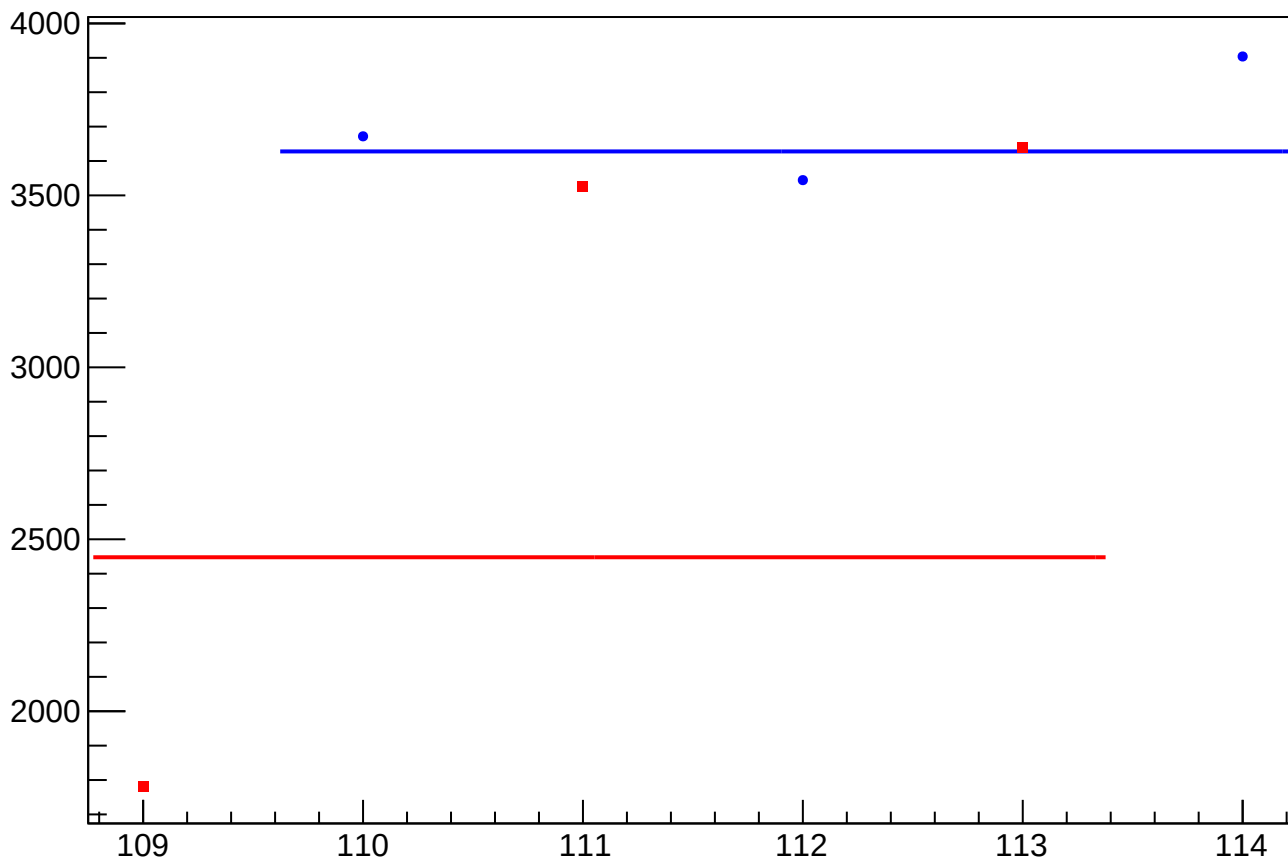
Right: 2.341+/-1.935 χ^2/NDF : 1.0/5

In: 1.943+/-3.663 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.341+/-1.935 χ^2/NDF : 1.0/5

diff_bpm1p02bY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

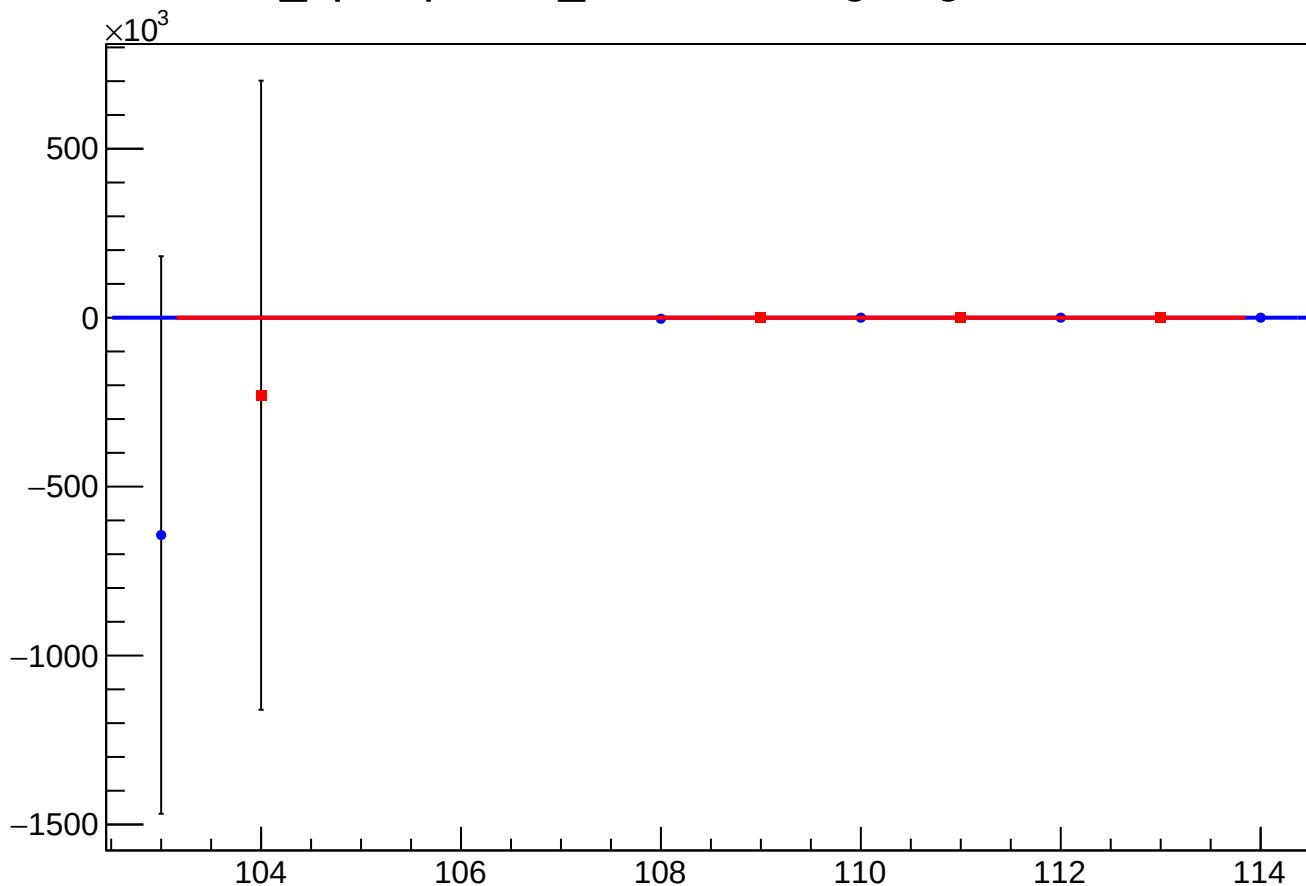
Right: 2776.937+/-1.368 χ^2/NDF : 442806.2/5

In: 3627.819+/-2.590 χ^2/NDF : 1800.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.937+/-1.368 χ^2/NDF : 442806.2/5

diff_bpm1p03aX_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

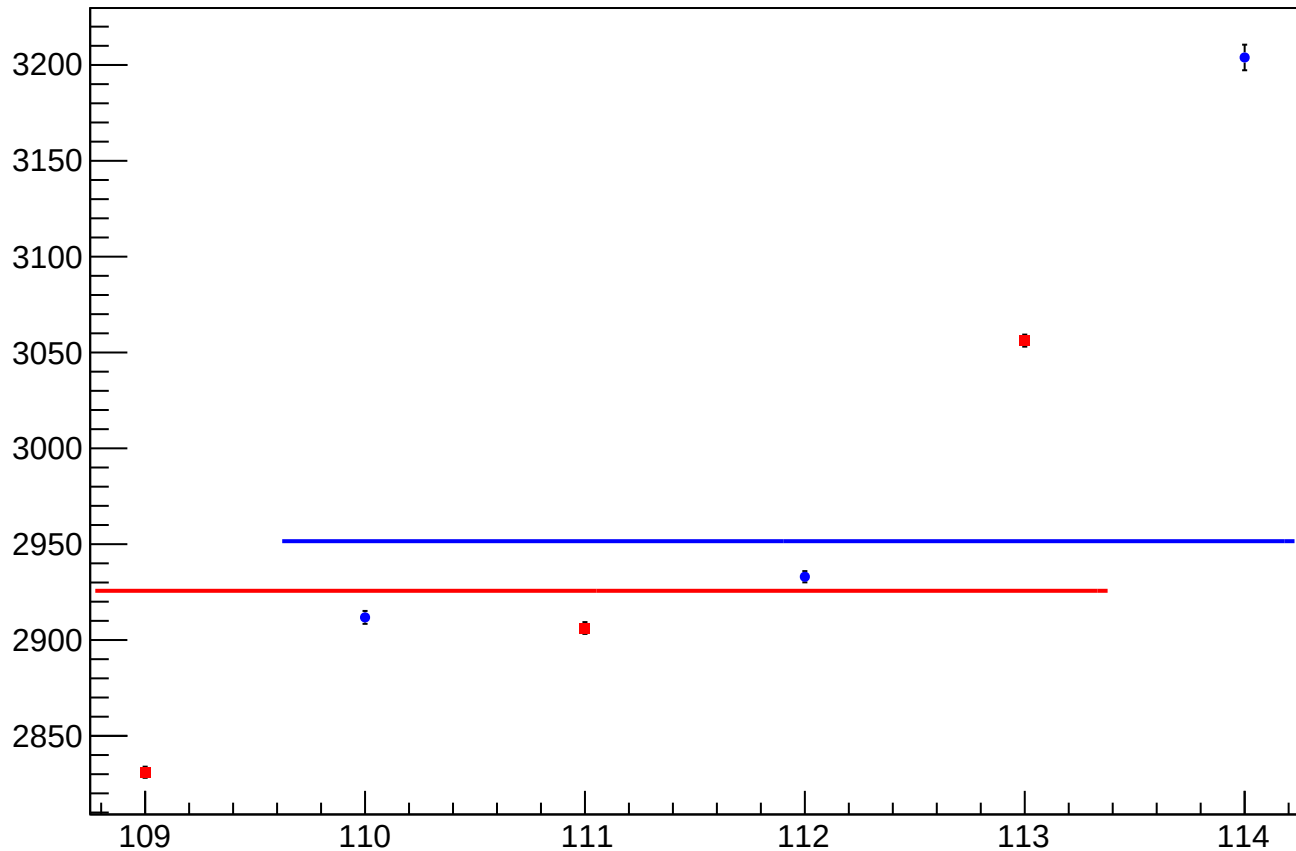
Right: 4.159 $\pm$ 1.903 χ^2 /NDF: 7.8/8

In: 4.703 $\pm$ 2.969 χ^2 /NDF: 3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.159 $\pm$ 1.903 χ^2 /NDF: 7.8/8

diff_bpm1p03aX_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

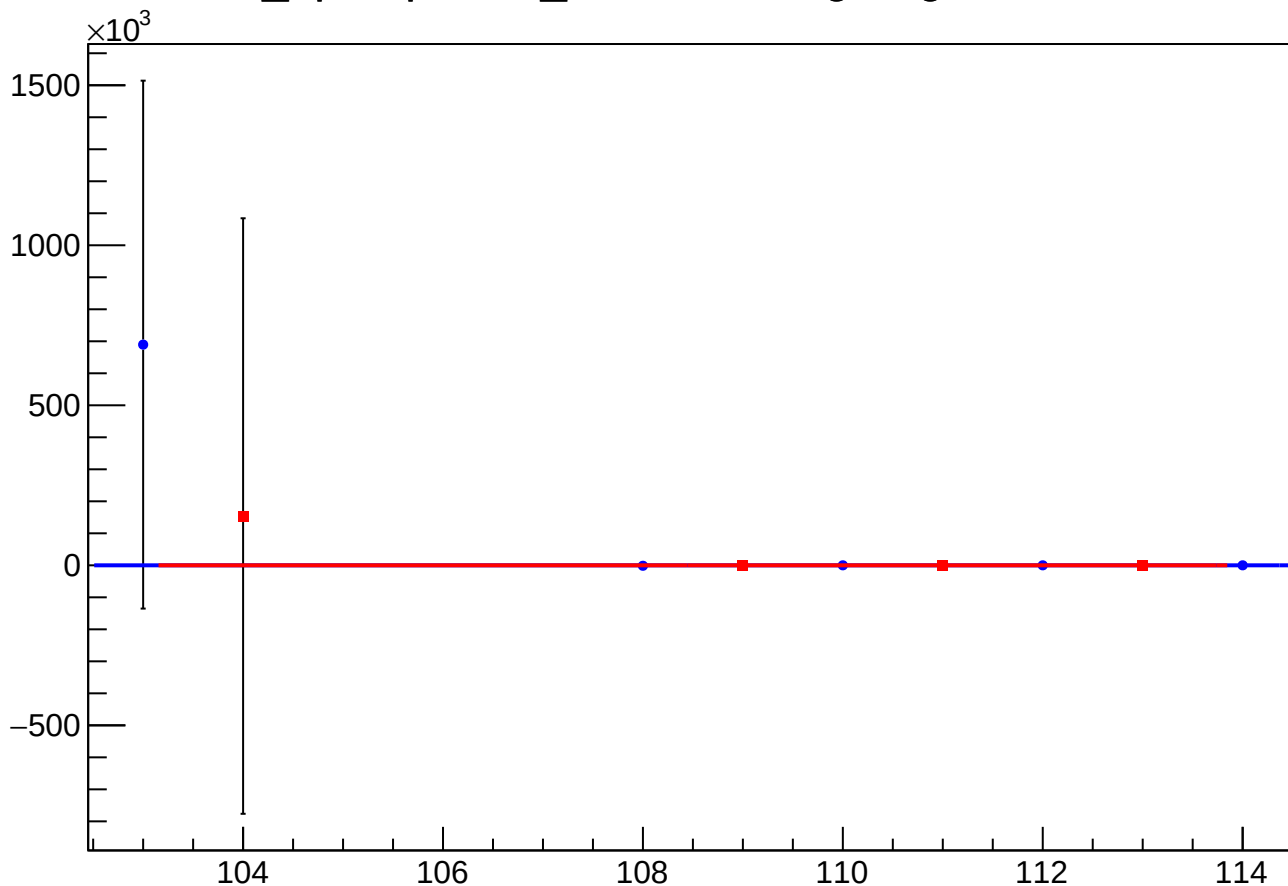
Right: 2936.305 $\pm$ 1.345 χ^2 /NDF: 4531.2/5

In: 2951.562 $\pm$ 2.100 χ^2 /NDF: 1609.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2936.305 $\pm$ 1.345 χ^2 /NDF: 4531.2/5

diff_bpm1p03aY_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

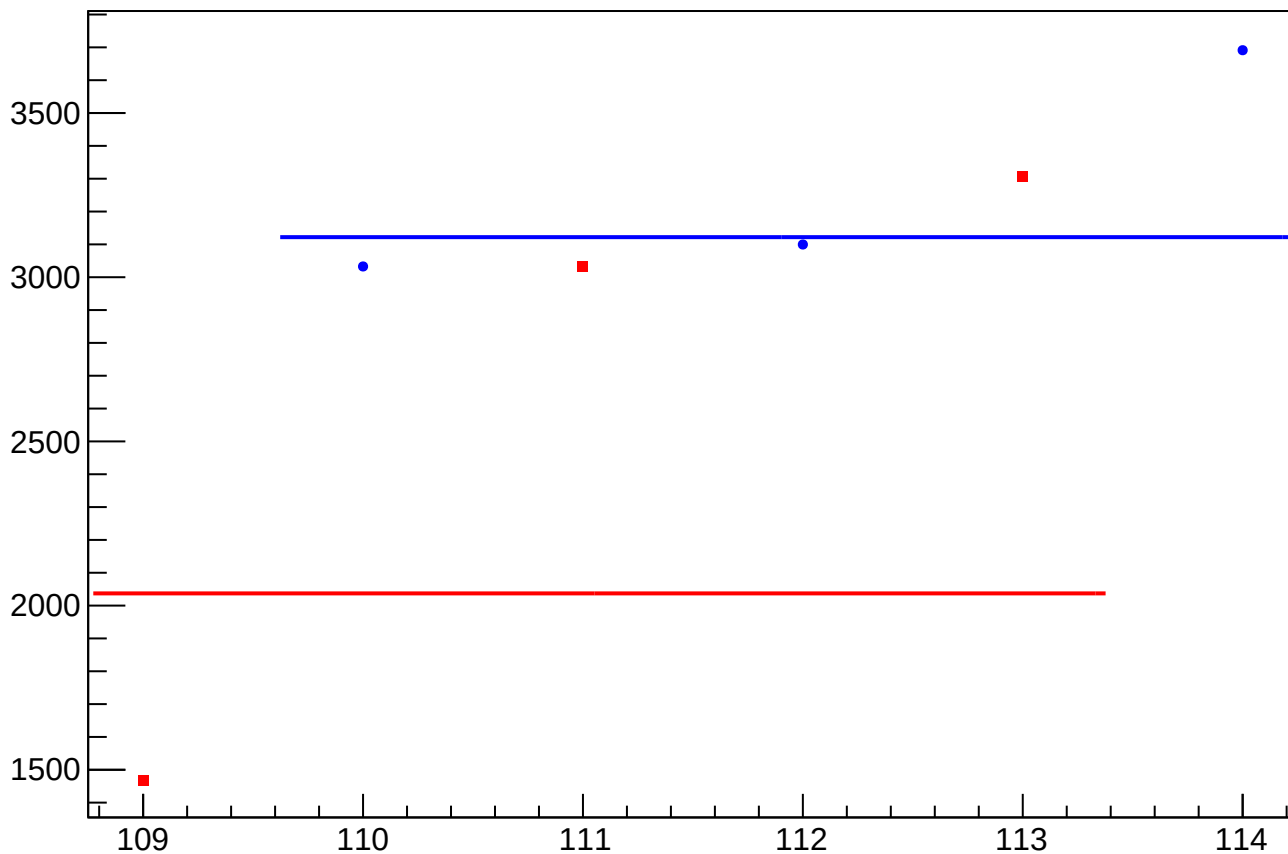
Right: 1.801+/-1.649 χ^2/NDF : 2.5/8

In: 0.289+/-3.155 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.801+/-1.649 χ^2/NDF : 2.5/8

diff_bpm1p03aY_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

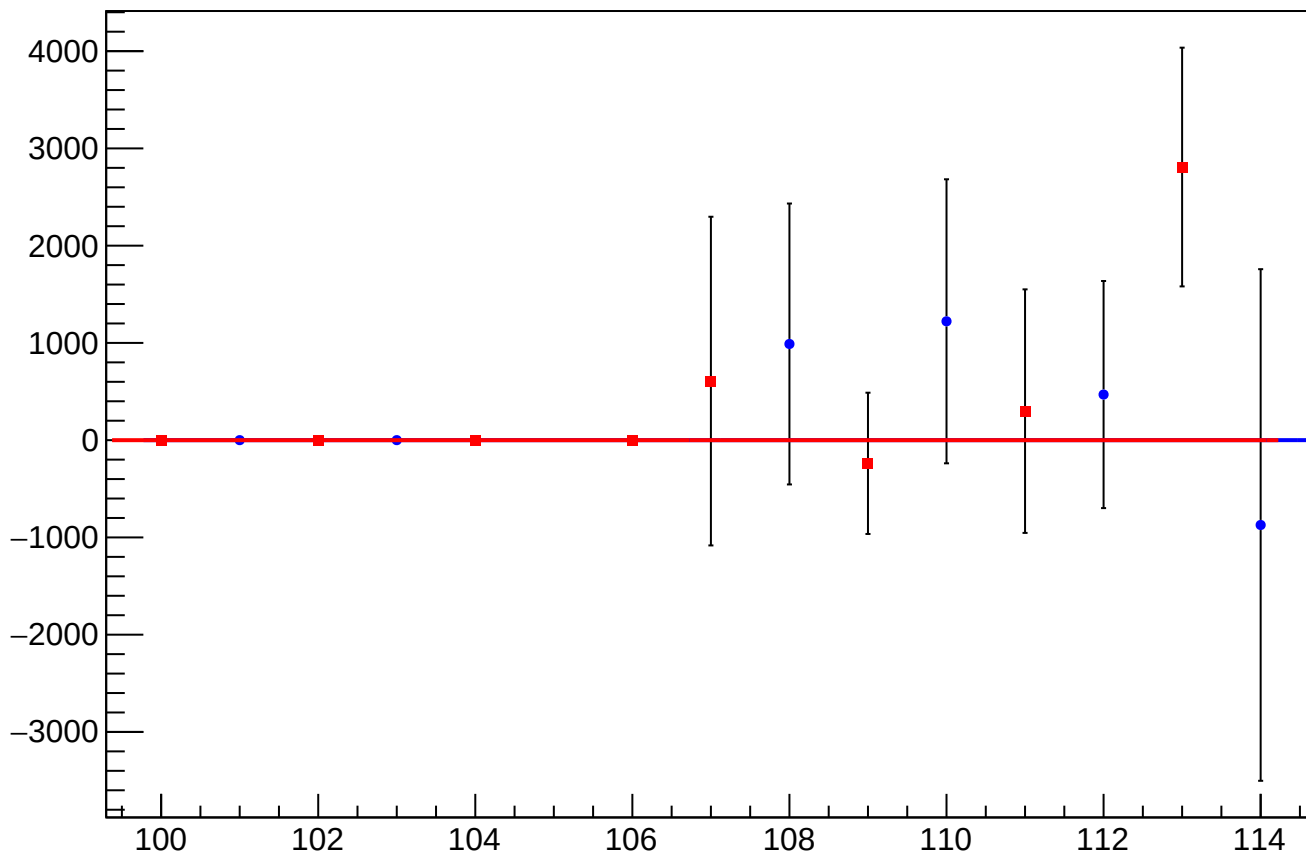
Right: 2333.456+/-1.166 χ^2/NDF : 523928.5/5

In: 3122.021+/-2.231 χ^2/NDF : 6134.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.456+/-1.166 χ^2/NDF : 523928.5/5

diff_cav4bX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

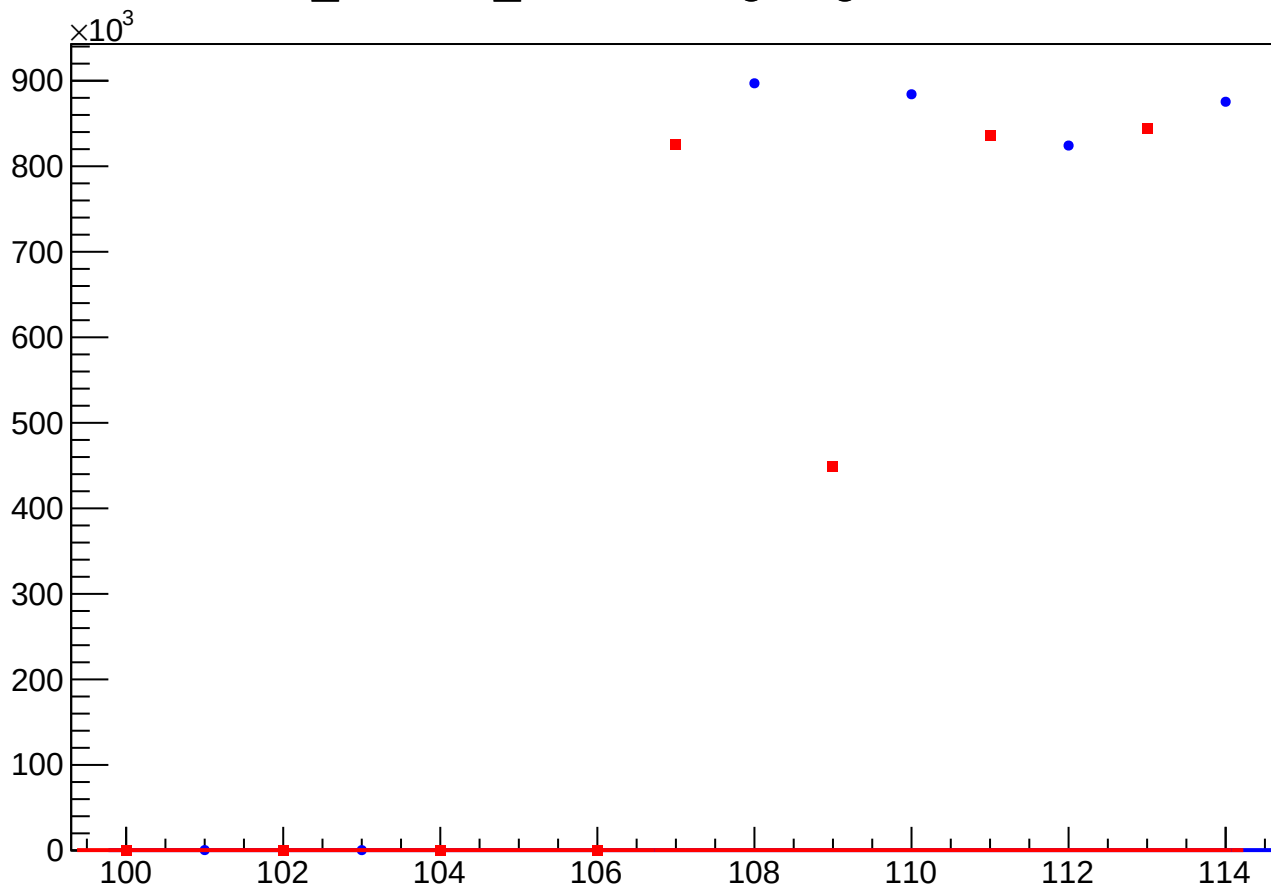
Right: 0.066+/-0.241 χ^2/NDF : 11.0/13

In: 0.256+/-0.356 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 11.0/13

diff_cav4bX_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

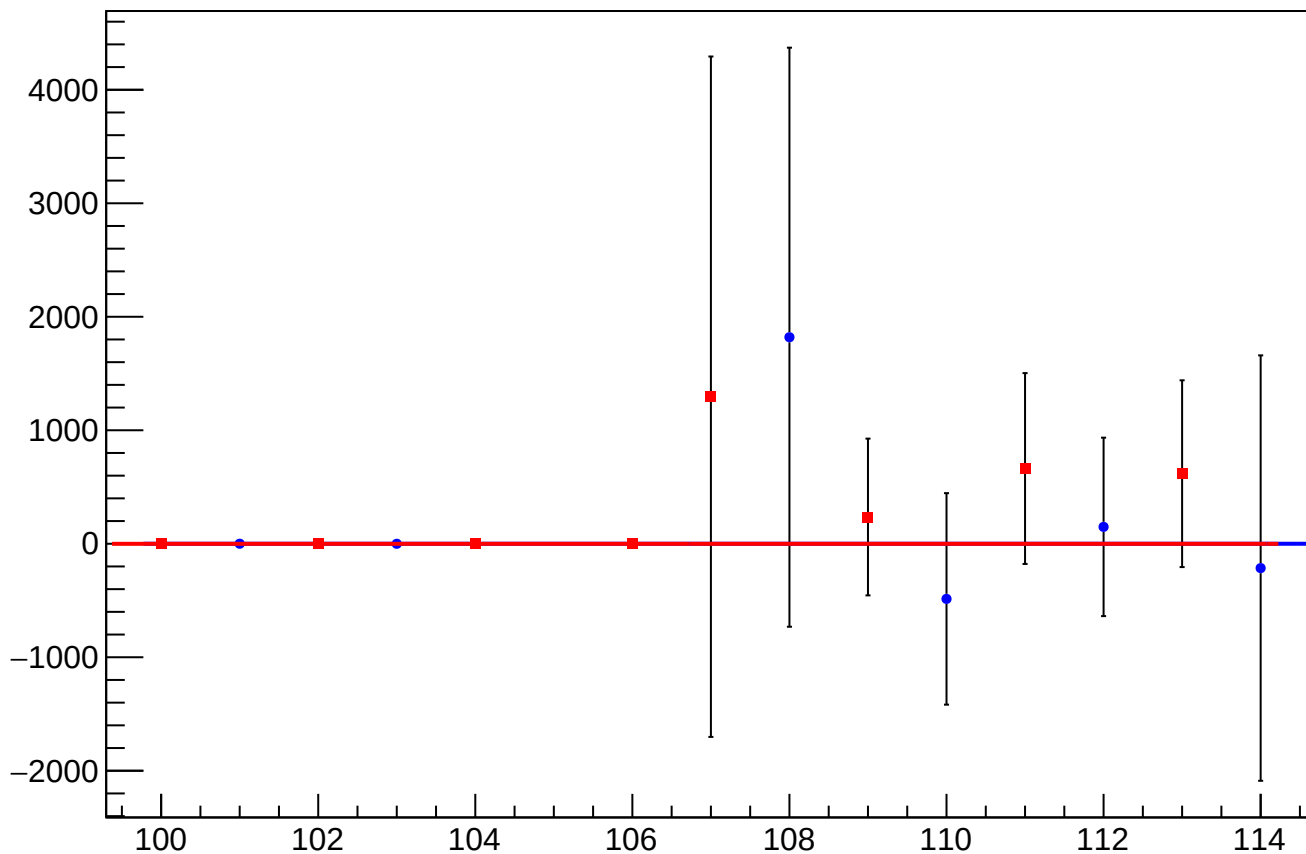
Right: 395.419 $\pm$ 0.170 χ^2/NDF : 5681427.3/13

In: 398.368 $\pm$ 0.251 χ^2/NDF : 2622565.0/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.419 $\pm$ 0.170 χ^2/NDF : 5681427.3/13

diff_cav4bY_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

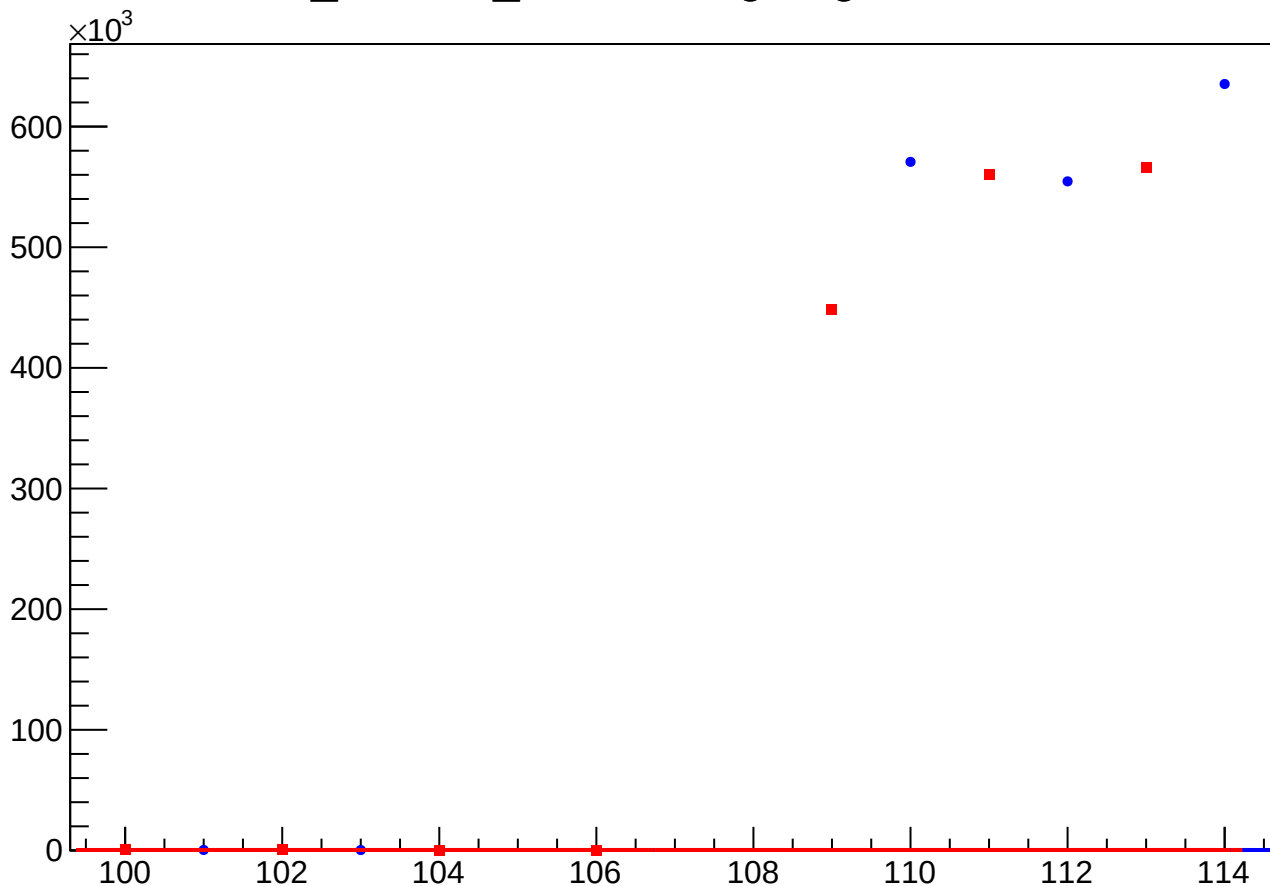
Right: -0.329 ± 0.237 χ^2/NDF : 4.6/13

In: -0.020 ± 0.347 χ^2/NDF : 1.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 4.6/13

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 388.875 $\pm$ 0.245 χ^2/NDF : 1985550.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 386.844 $\pm$ 0.229 χ^2/NDF : 2674055.7/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

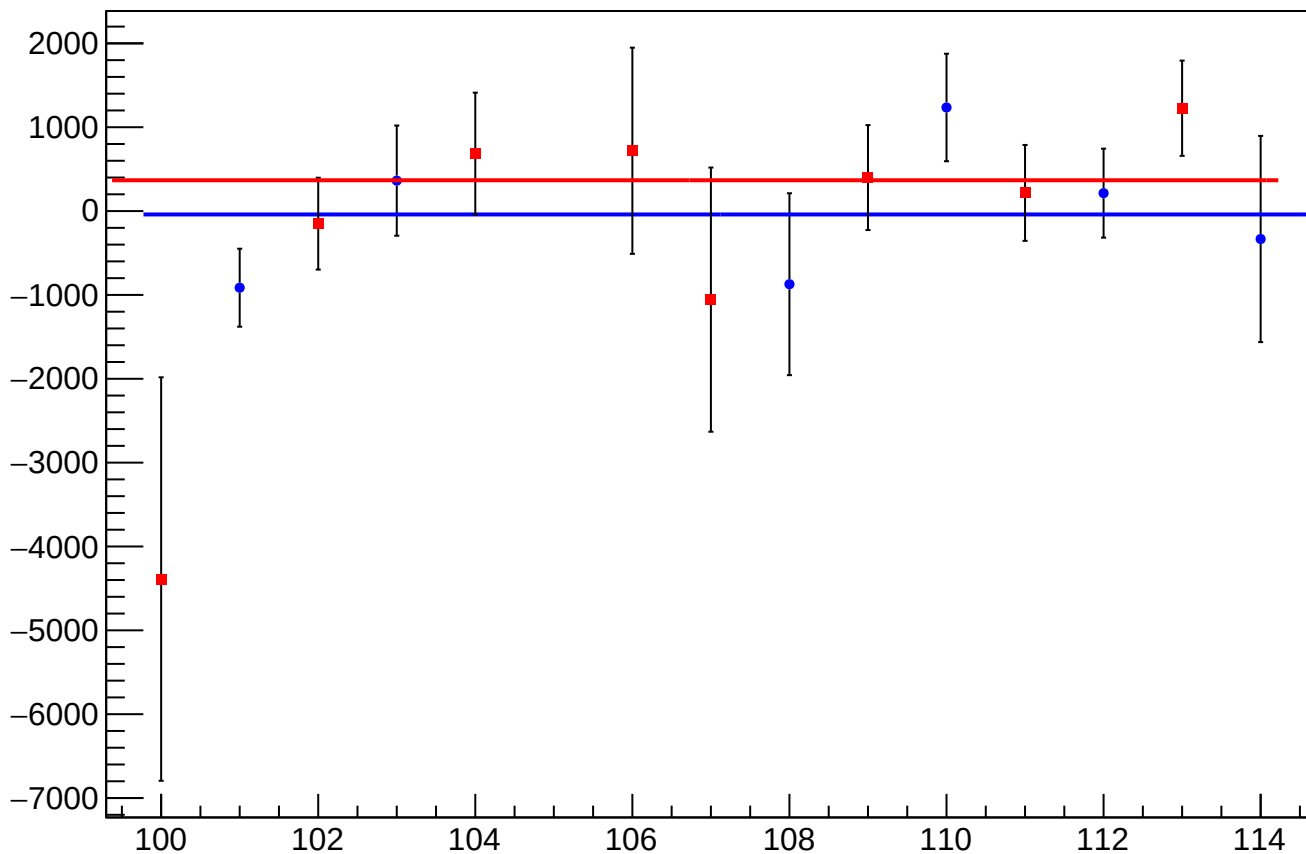
Right: 387.789 $\pm$ 0.167 χ^2/NDF : 4659642.6/11

In: 388.875 $\pm$ 0.245 χ^2/NDF : 1985550.3/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 387.789 $\pm$ 0.167 χ^2/NDF : 4659642.6/11

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -40.332 ± 263.219 $\chi^2/\text{NDF}: 8.7/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 367.459 ± 256.663 $\chi^2/\text{NDF}: 8.3/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

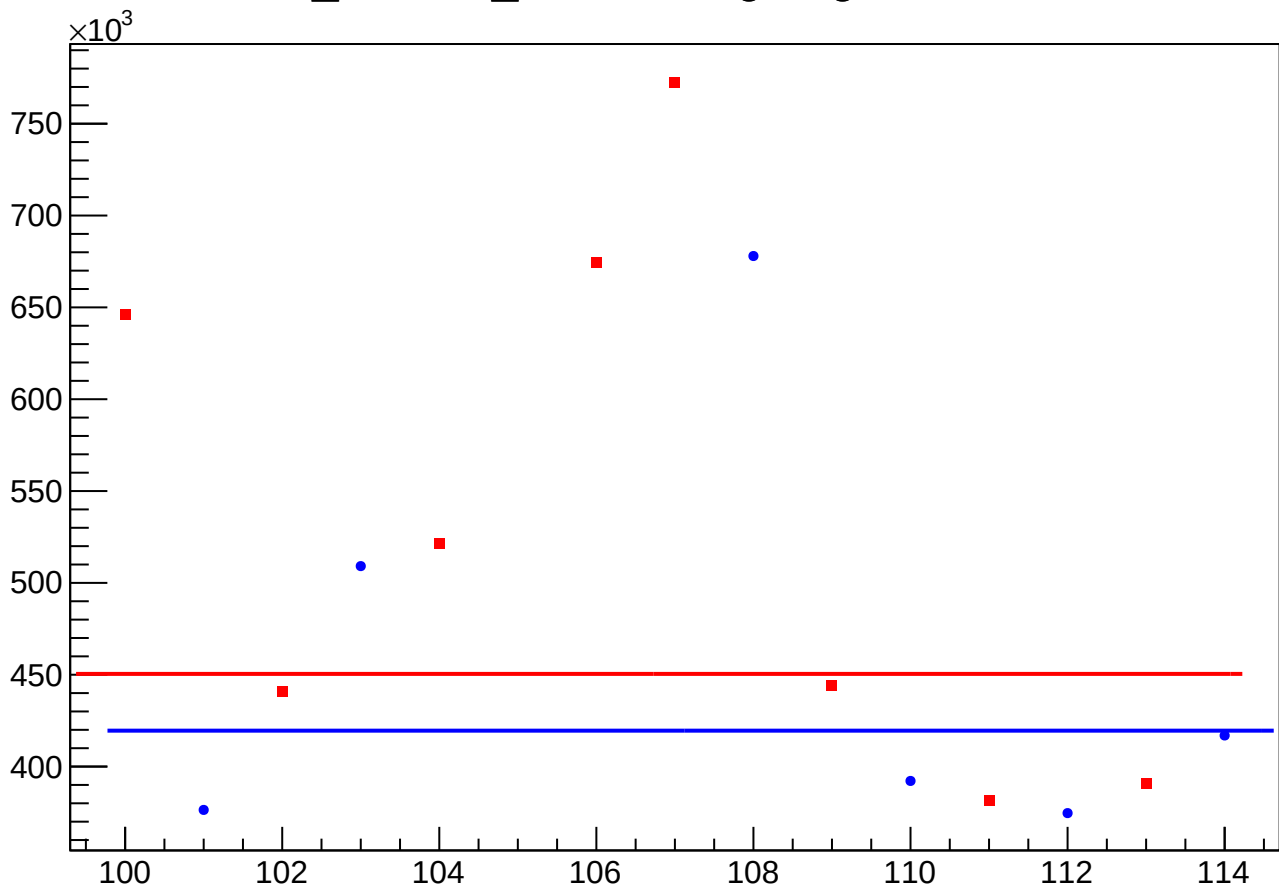
Right: 168.705 ± 183.762 $\chi^2/\text{NDF}: 18.2/13$

In: -40.332 ± 263.219 $\chi^2/\text{NDF}: 8.7/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 168.705 ± 183.762 $\chi^2/\text{NDF}: 18.2/13$

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 419549.649 $\pm$ 186.124 χ^2/NDF : 185888.0/5

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

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

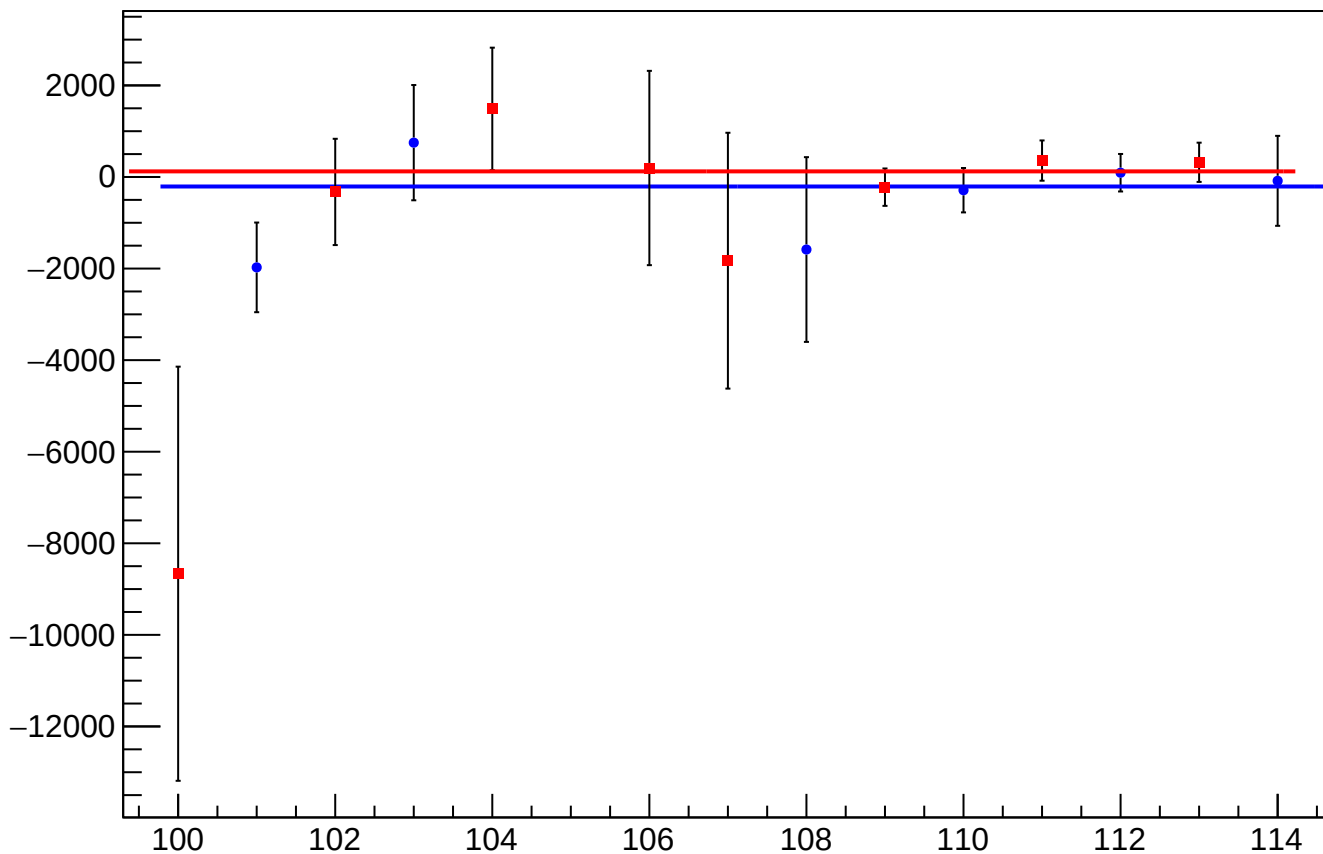
Right: 435378.332 $\pm$ 129.985 χ^2/NDF : 431996.1/13

In: 419549.649 $\pm$ 186.124 χ^2/NDF : 185888.0/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 435378.332 $\pm$ 129.985 χ^2/NDF : 431996.1/13

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -207.615+/-275.547 χ^2 /NDF: 4.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 122.506+/-233.590 χ^2 /NDF: 6.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

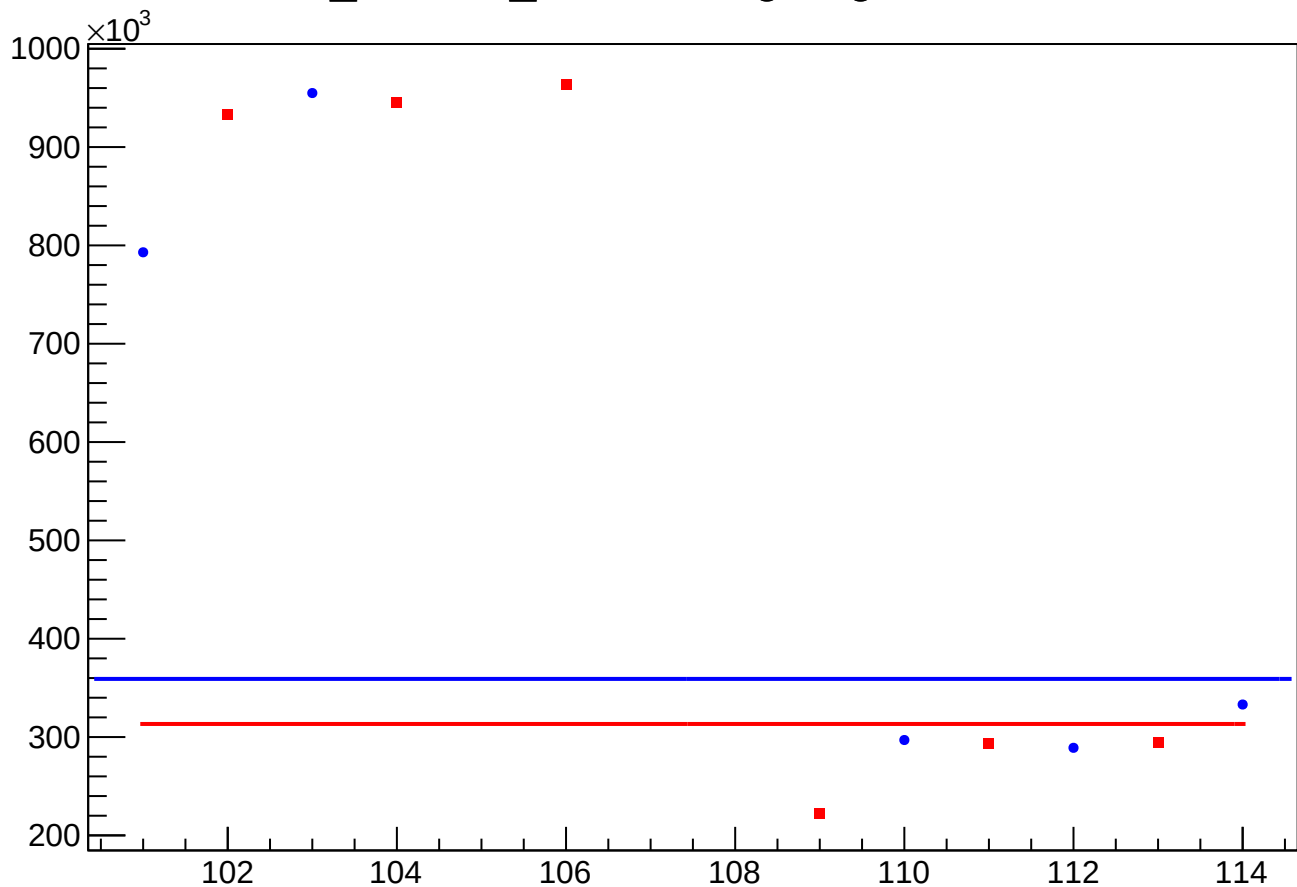
Right: -15.533+/-178.181 χ^2 /NDF: 12.4/13

In: -207.615+/-275.547 χ^2 /NDF:4.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -15.533+/-178.181 χ^2 /NDF: 12.4/13

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 359134.245+/-198.230 χ^2/NDF : 791054.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313310.657+/-168.173 χ^2/NDF : 1030458.1/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

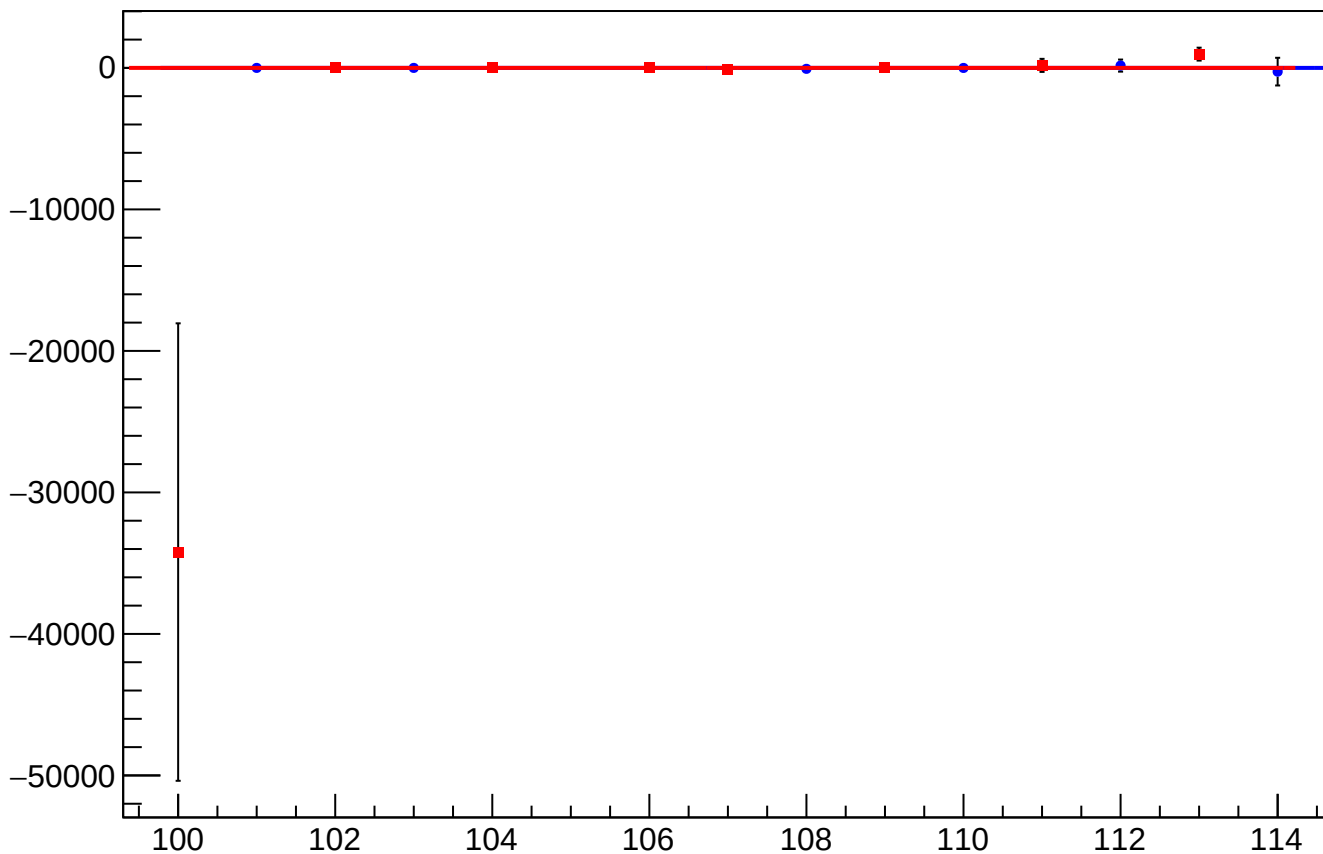
Right: 332488.530+/-128.241 χ^2/NDF : 1852585.3/1

In: 359134.245+/-198.230 χ^2/NDF : 791054.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332488.530+/-128.241 χ^2/NDF : 1852585.3/1

diff_cav4dX_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

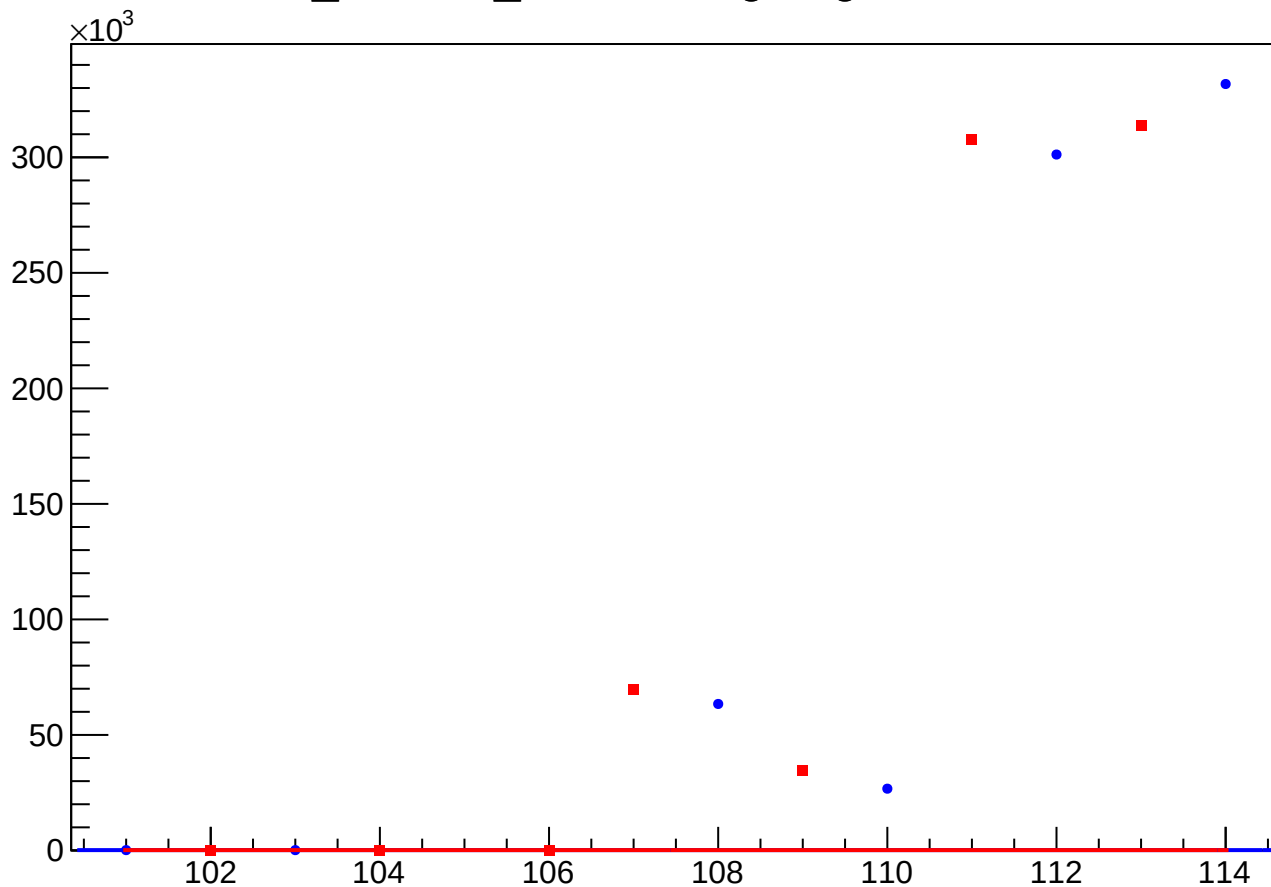
Right: 0.174+/-0.117 χ^2/NDF : 14.0/13

In: -0.035+/-0.172 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 14.0/13

diff_cav4dX_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

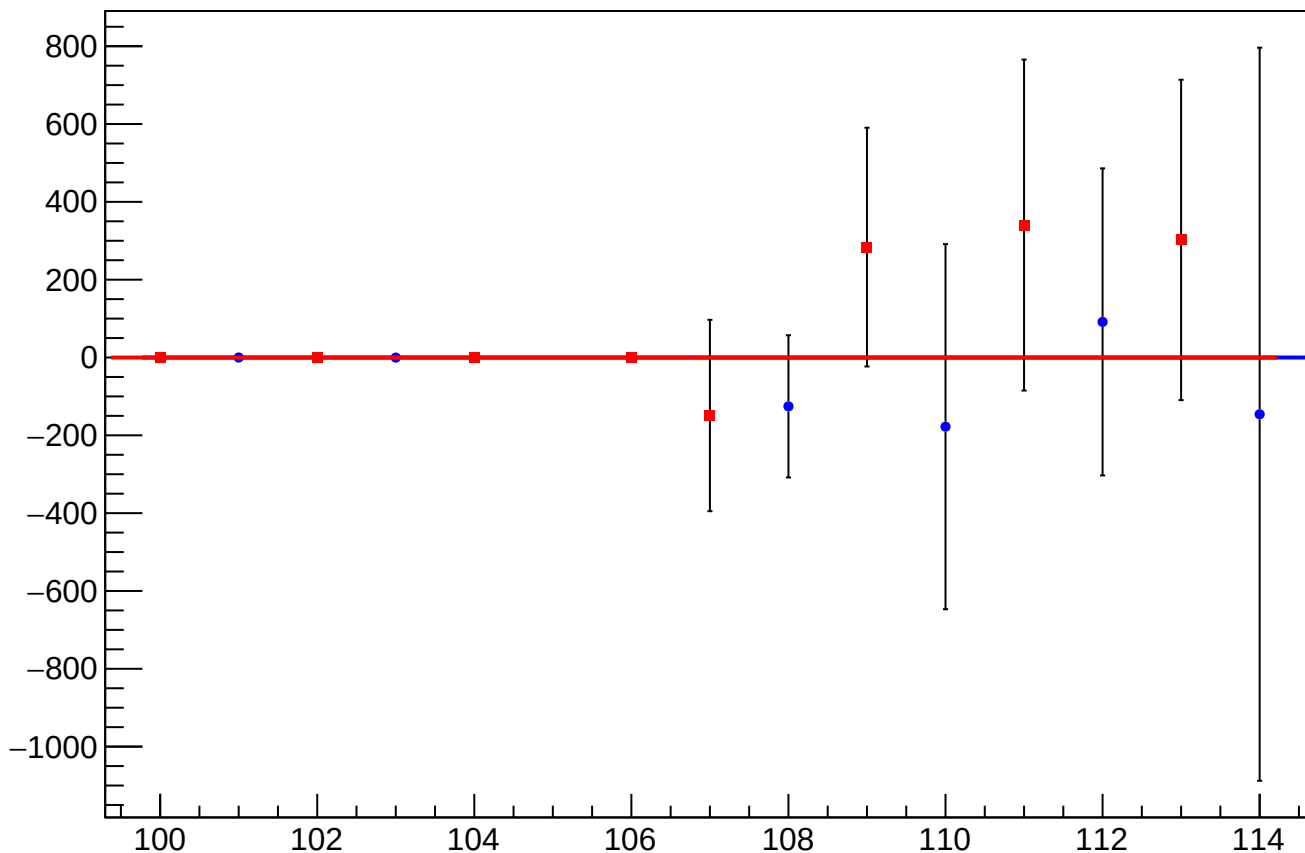
Right: 148.888 $\pm$ 0.083 χ^2/NDF : 5201113.3/12

In: 148.680 $\pm$ 0.122 χ^2/NDF : 2280153.4/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.888 $\pm$ 0.083 χ^2/NDF : 5201113.3/12

diff_cav4dY_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

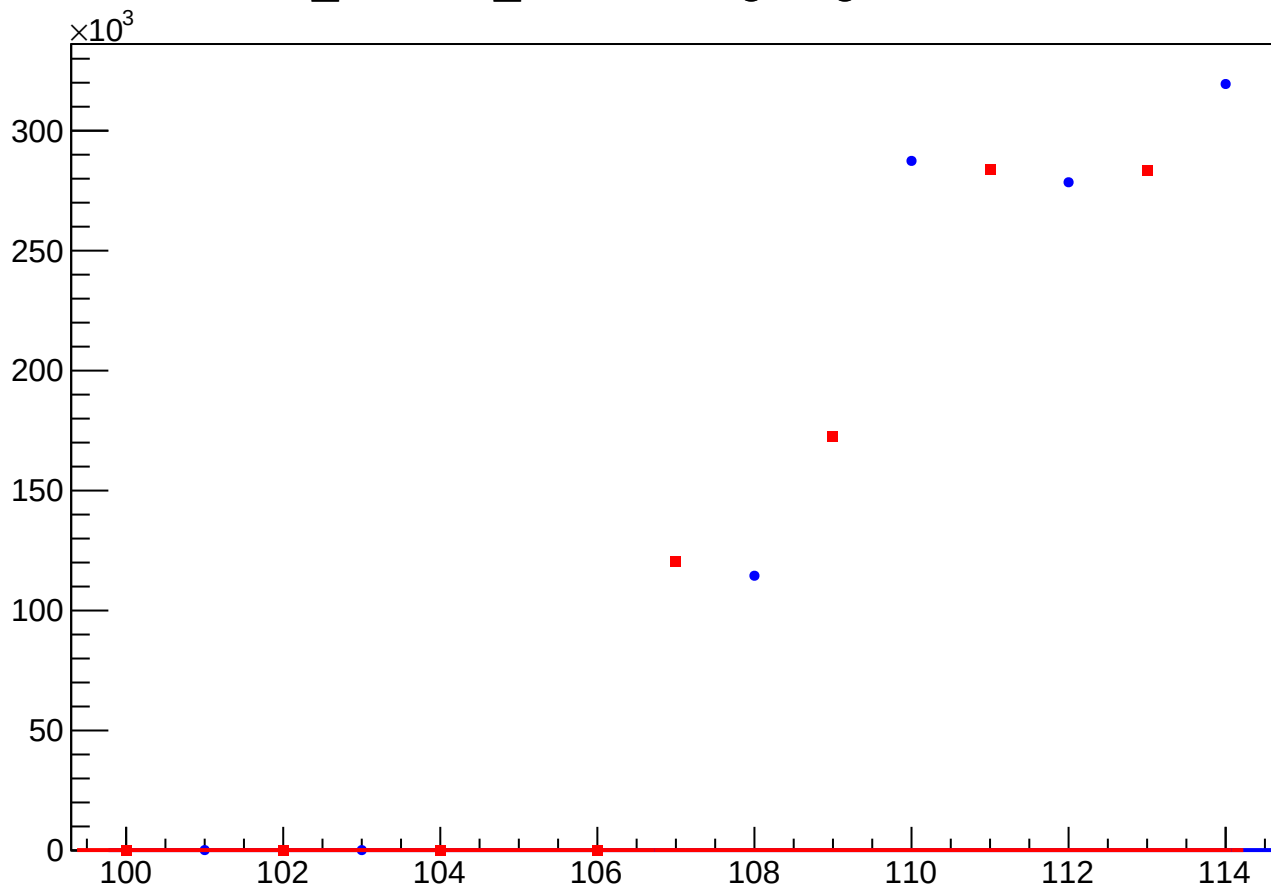
Right: -0.098 ± 0.121 χ^2/NDF : 3.5/13

In: -0.068 ± 0.177 χ^2/NDF : 0.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.098 ± 0.121 χ^2/NDF : 3.5/13

diff_cav4dY_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

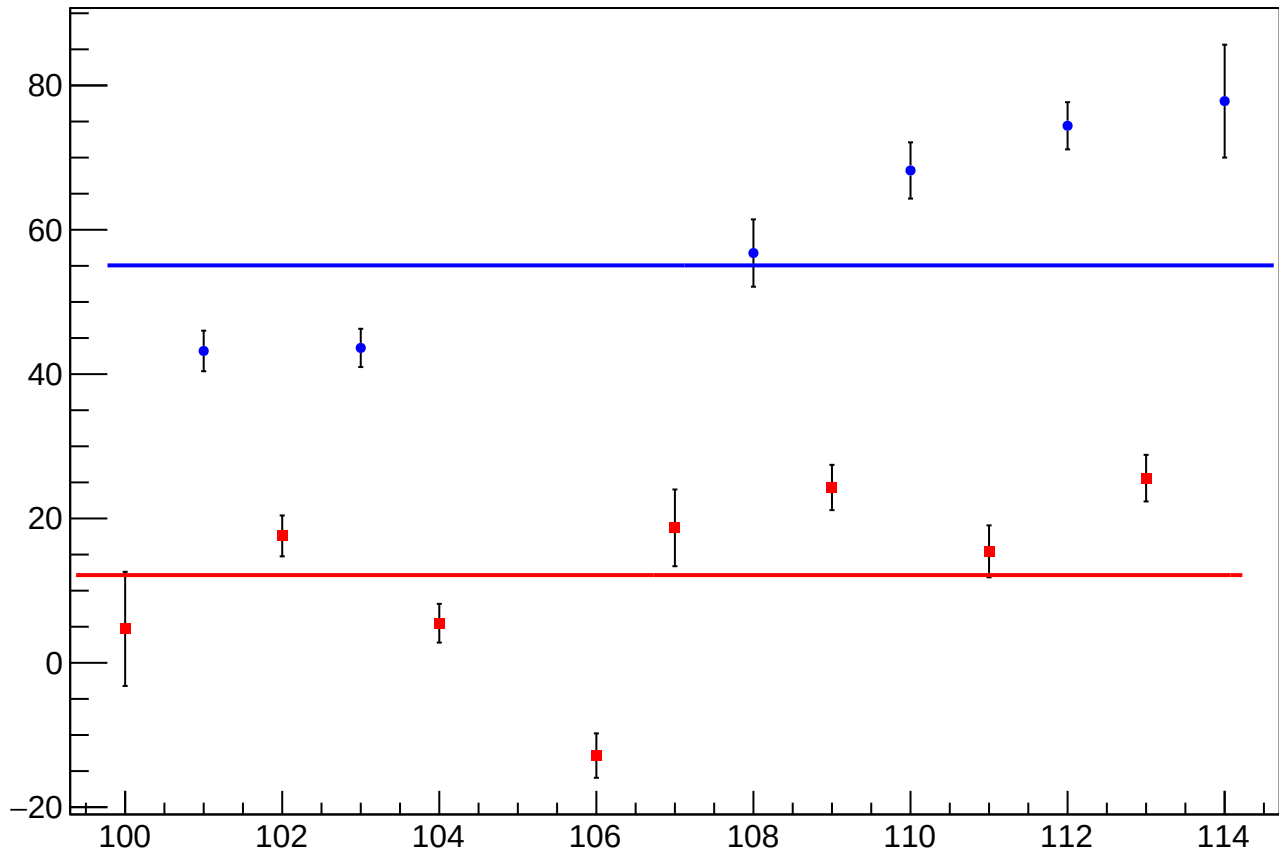
Right: 154.228 $\pm$ 0.086 χ^2/NDF : 5696451.6/13

In: 152.730 $\pm$ 0.125 χ^2/NDF : 2759024.1/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.228 $\pm$ 0.086 χ^2/NDF : 5696451.6/13

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 55.065 $\pm$ 1.428 χ^2 /NDF: 91.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.154 $\pm$ 1.199 χ^2 /NDF: 111.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

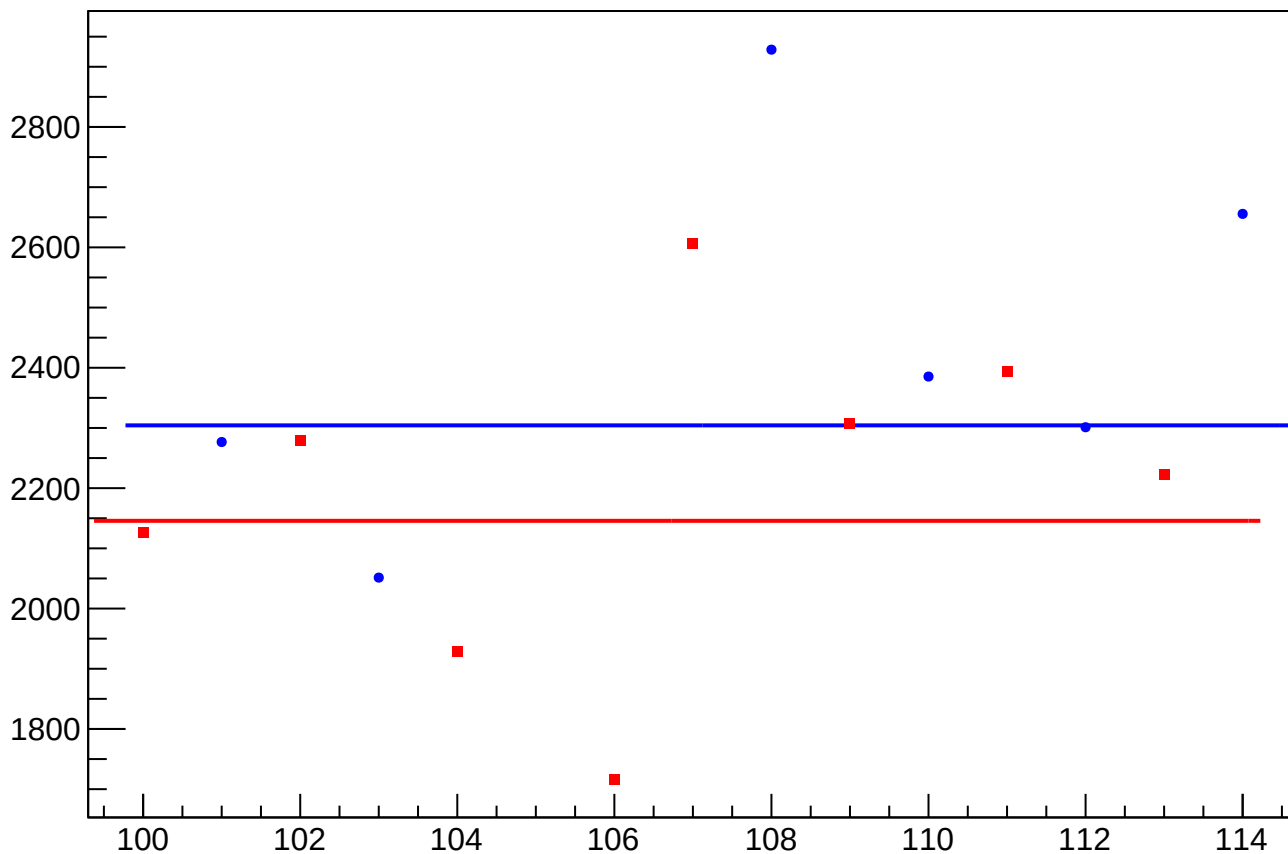
Right: 29.910 $\pm$ 0.918 χ^2 /NDF: 732.4/13

In: 55.065 $\pm$ 1.428 χ^2 /NDF: 91.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.910 $\pm$ 0.918 χ^2 /NDF: 732.4/13

diff_bpm0i01X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

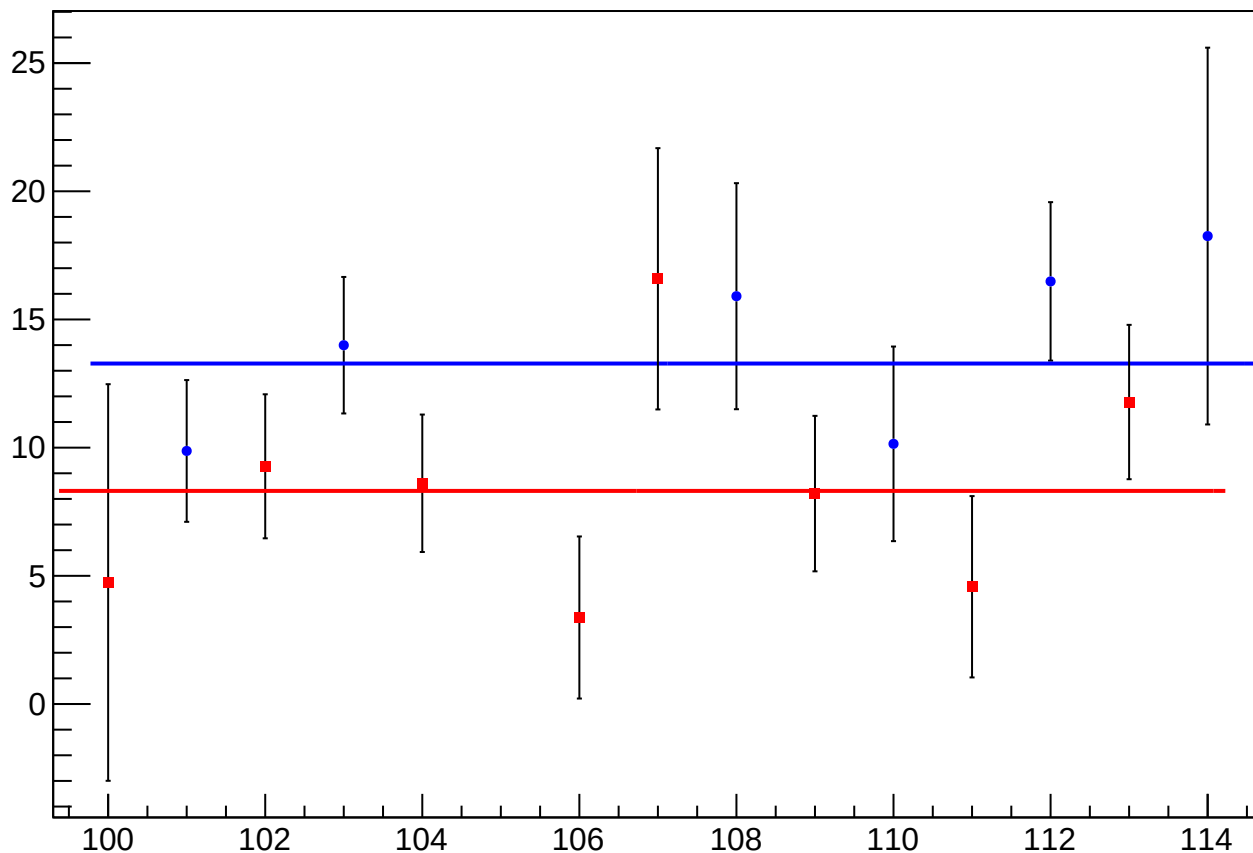
Right: 2211.362+/-0.649 χ^2/NDF : 161101.0/13

In: 2304.315+/-1.010 χ^2/NDF : 59115.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.362+/-0.649 χ^2/NDF : 161101.0/13

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 13.281+/-1.392 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.313+/-1.178 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

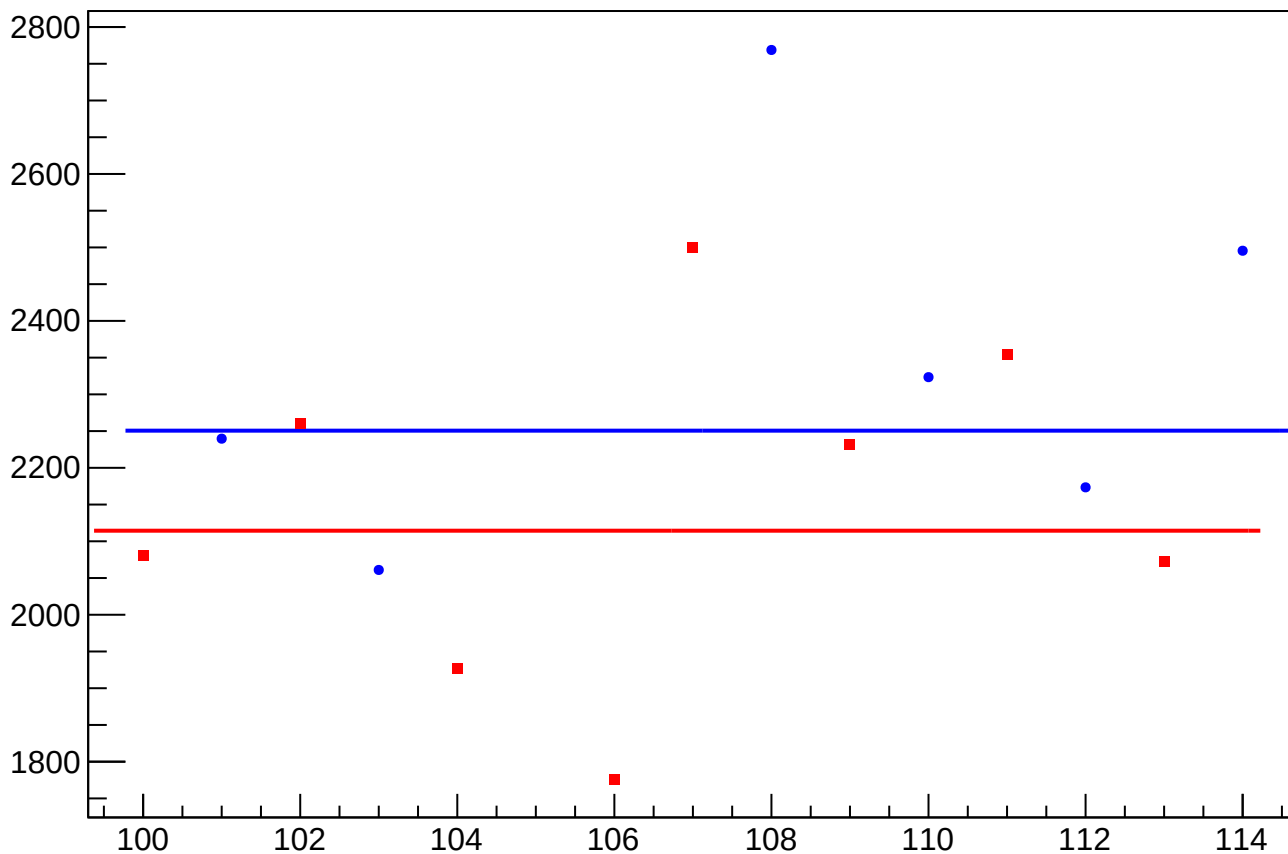
Right: 10.386+/-0.899 χ^2/NDF : 19.4/13

In: 13.281+/-1.392 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.386+/-0.899 χ^2/NDF : 19.4/13

diff_bpm0i01Y_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

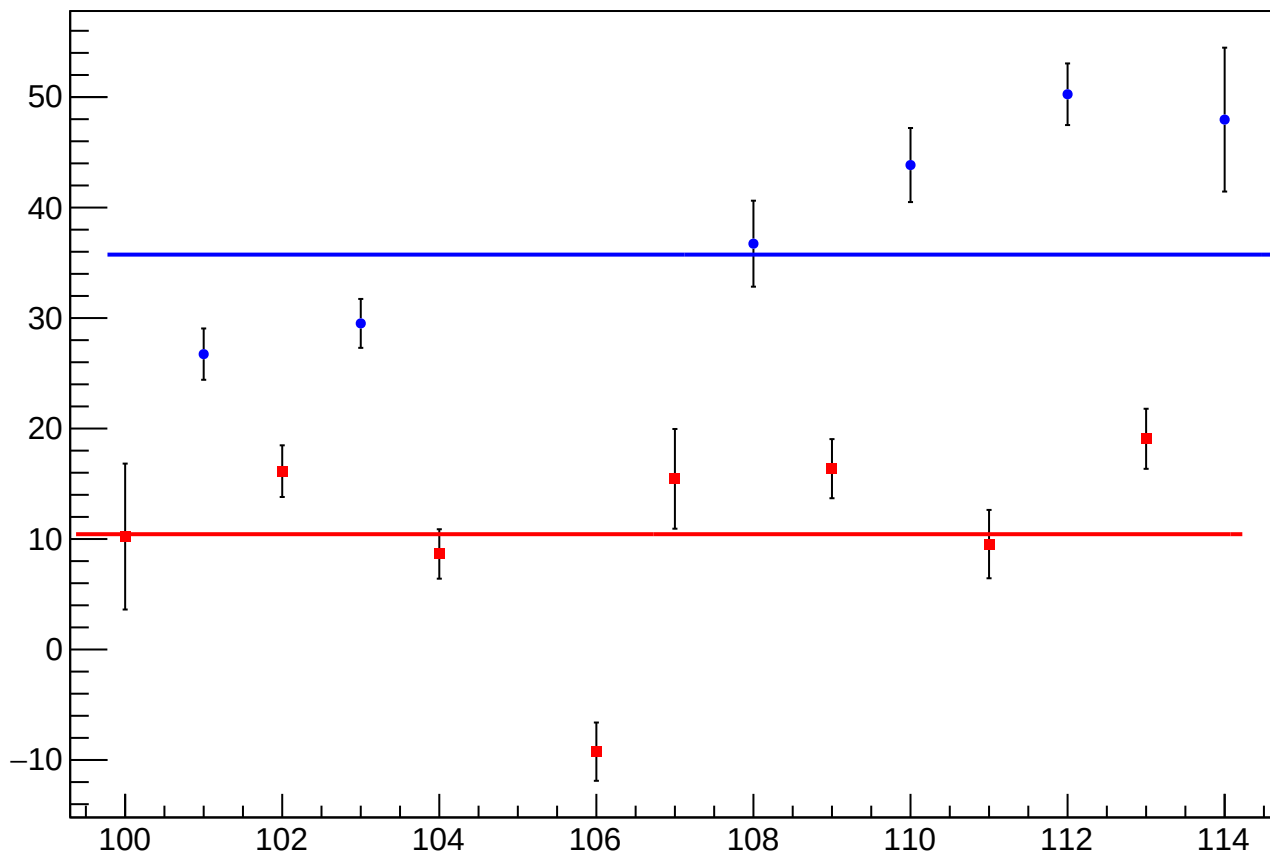
Right: 2171.251 $\pm$ 0.636 χ^2/NDF : 115373.0/13

In: 2250.588 $\pm$ 0.984 χ^2/NDF : 42005.9/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2171.251 $\pm$ 0.636 χ^2/NDF : 115373.0/13

diff_bpm0i01aX_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

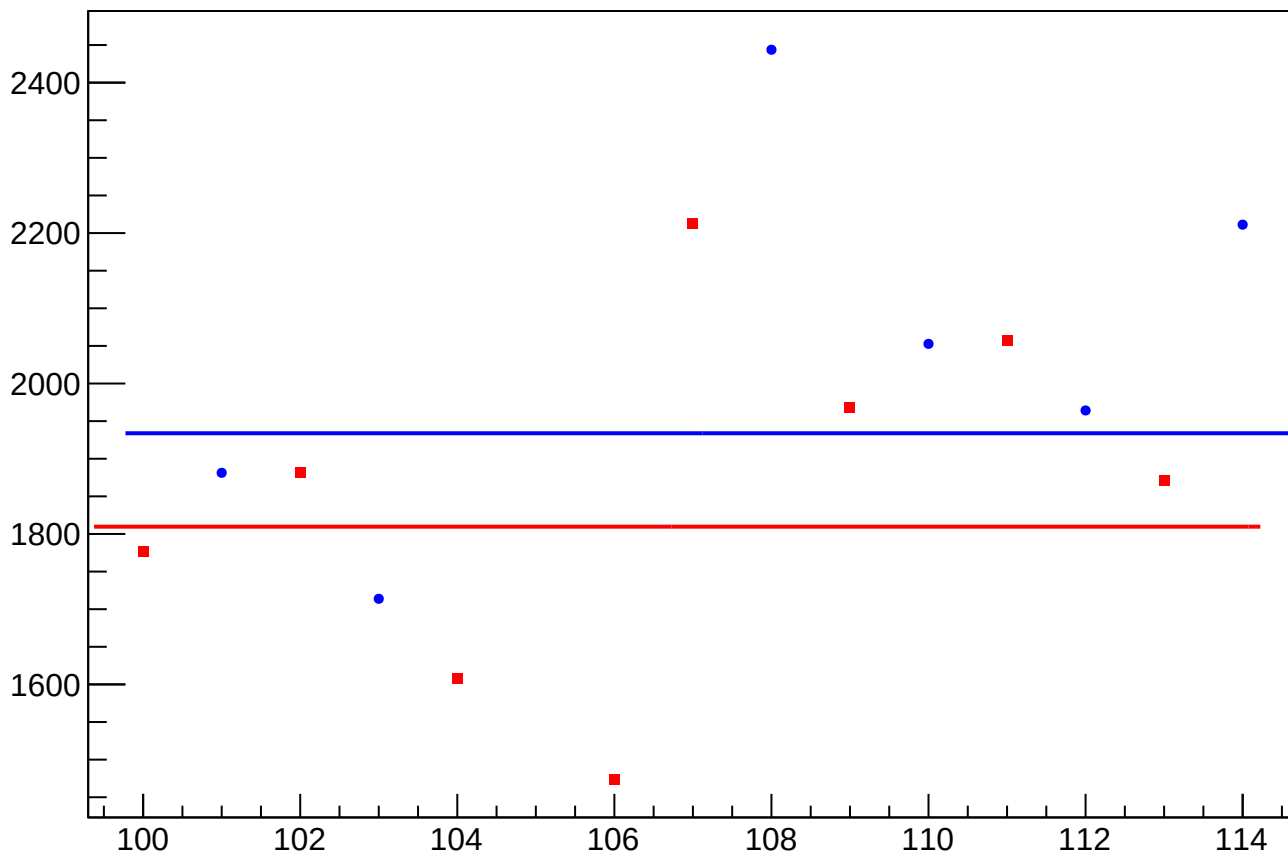
Right: 20.964 $\pm$ 0.773 χ^2 /NDF: 398.6/13

In: 35.742 $\pm$ 1.198 χ^2 /NDF:59.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.964 $\pm$ 0.773 χ^2 /NDF: 398.6/13

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1933.891+/-0.847 χ^2/NDF : 61501.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1809.719+/-0.715 χ^2/NDF : 87550.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

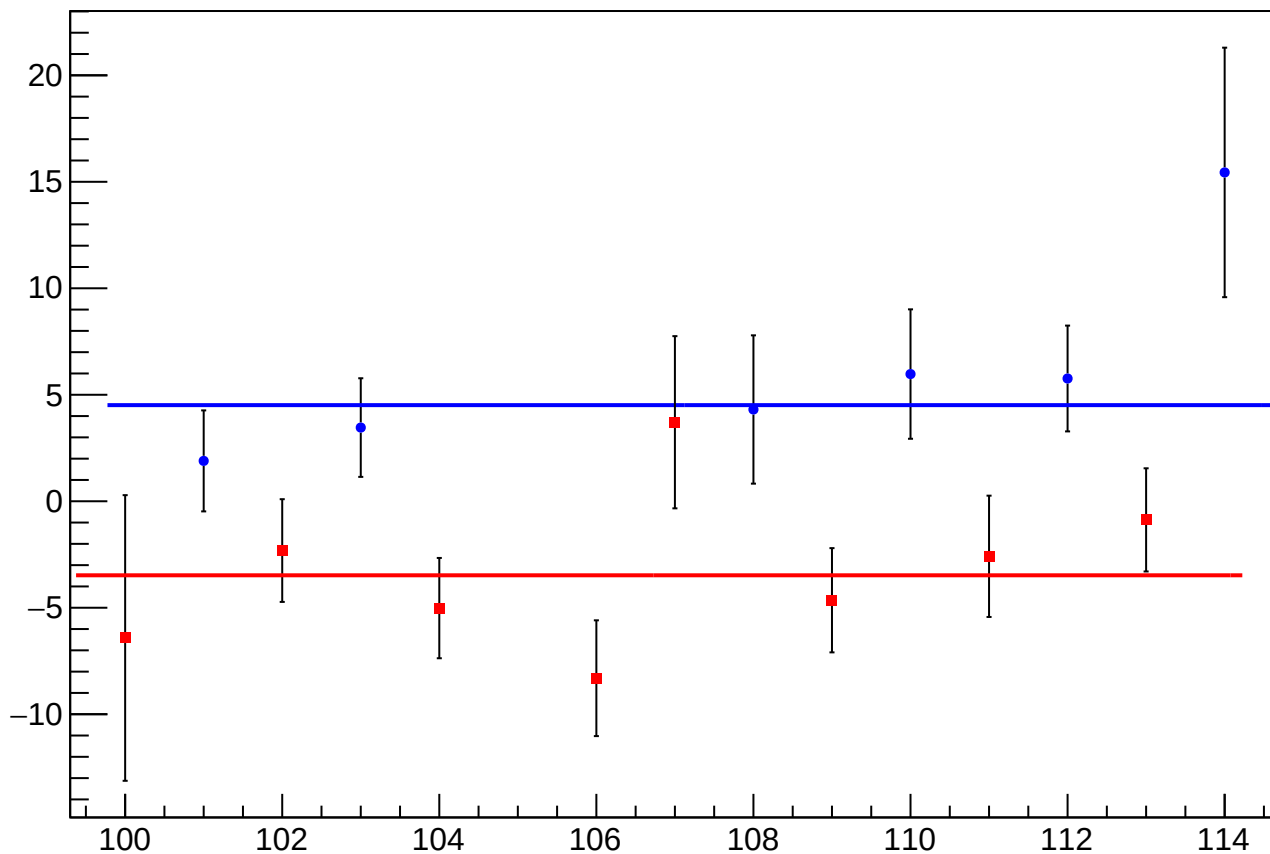
Right: 1861.376+/-0.546 χ^2/NDF : 161599.0/13

In: 1933.891+/-0.847 χ^2/NDF : 61501.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1861.376+/-0.546 χ^2/NDF : 161599.0/13

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 4.514+/-1.158 χ^2/NDF : 5.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.476+/-0.985 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

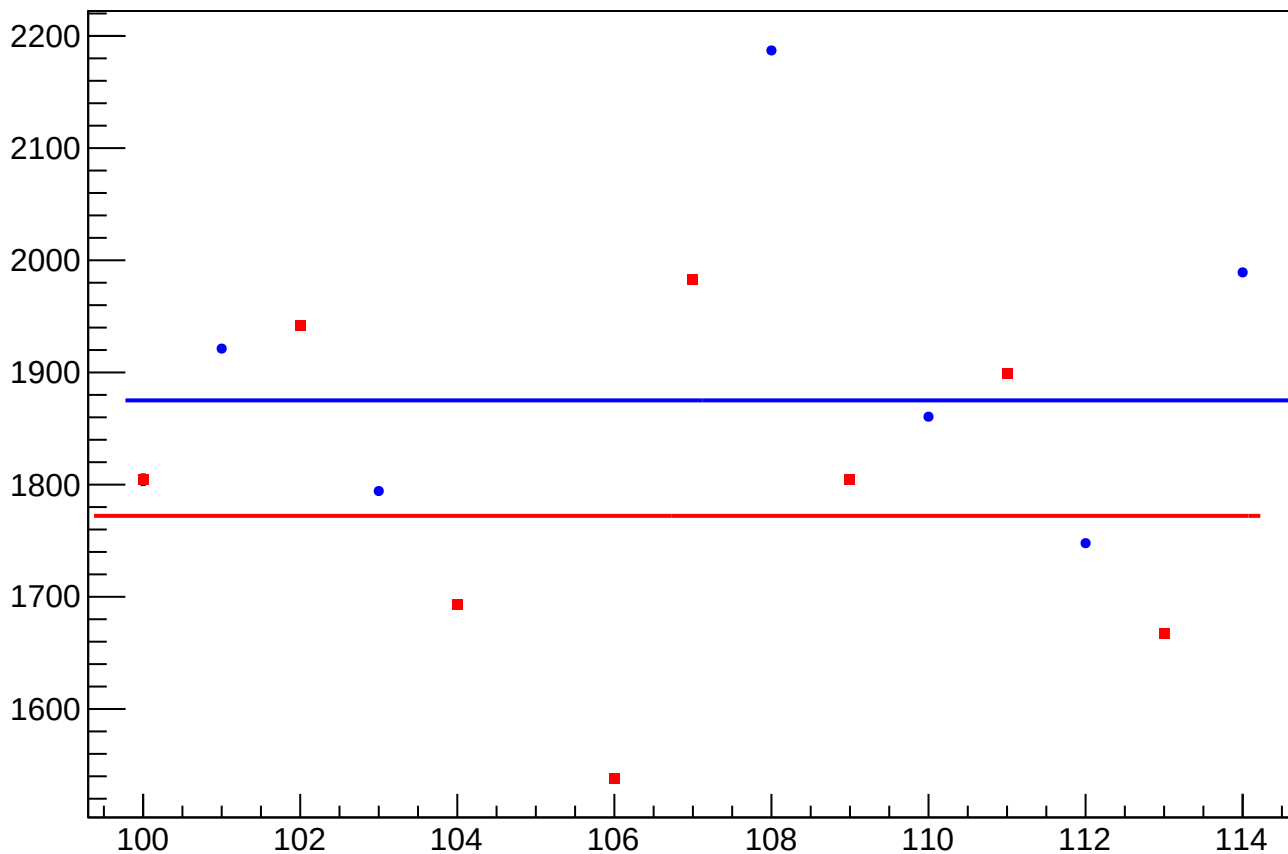
Right: -0.123+/-0.750 χ^2/NDF : 41.7/13

In: 4.514+/-1.158 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.123+/-0.750 χ^2/NDF : 41.7/13

diff_bpm0i01aY_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

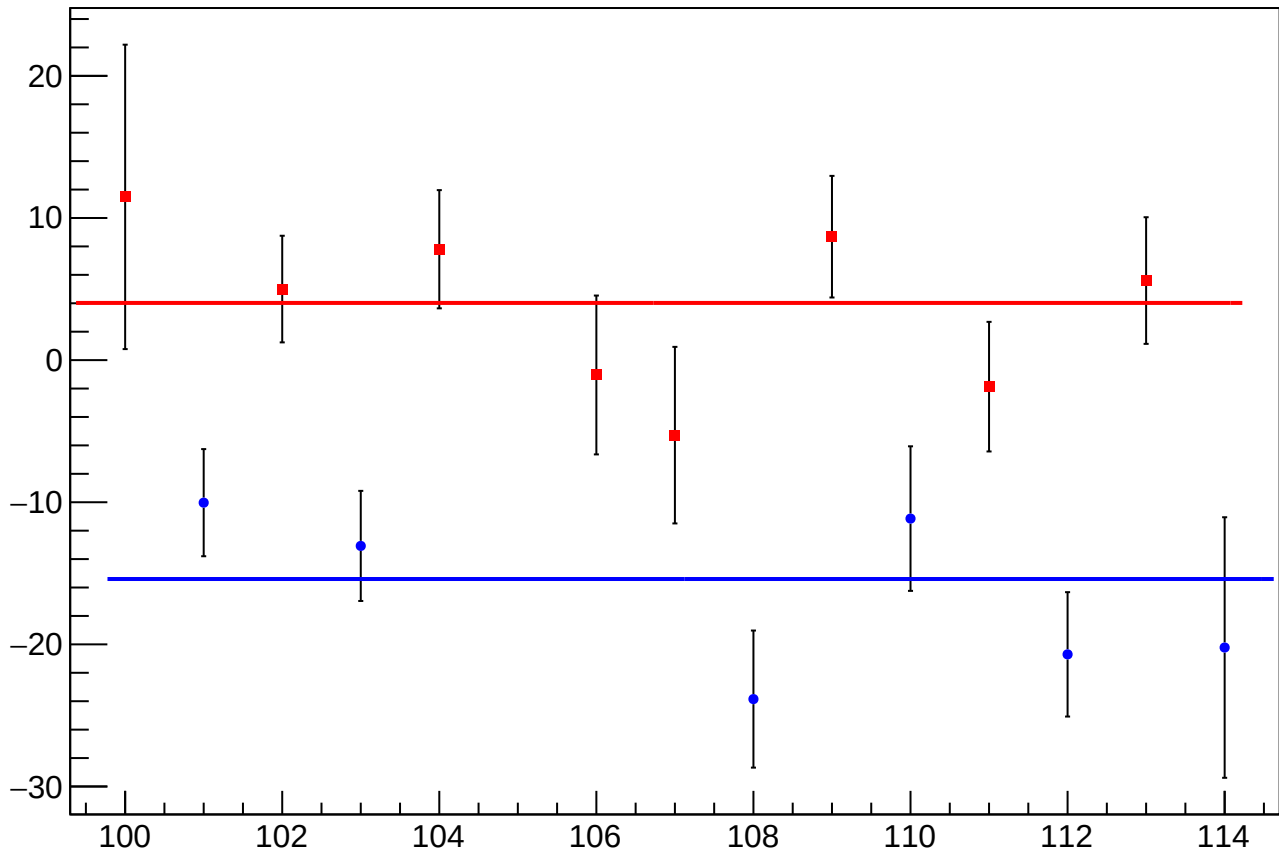
Right: 1815.384 $\pm$ 0.530 χ^2/NDF : 74967.7/13

In: 1875.111 $\pm$ 0.818 χ^2/NDF : 25303.4/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1815.384 $\pm$ 0.530 χ^2/NDF : 74967.7/13

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.401 $\pm$ 1.880 χ^2 /NDF: 7.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.024 $\pm$ 1.694 χ^2 /NDF: 7.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

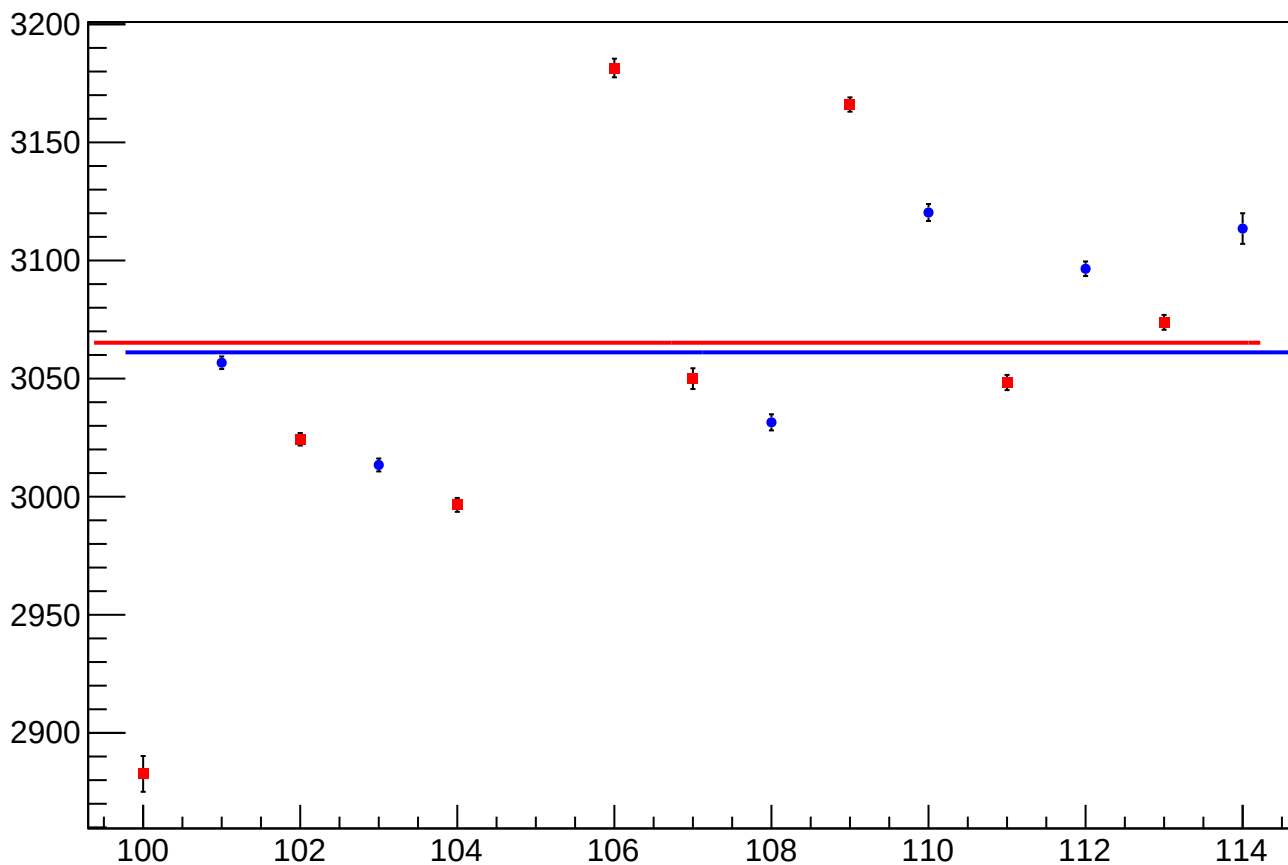
Right: -4.676 $\pm$ 1.258 χ^2 /NDF: 74.2/13

In: -15.401 $\pm$ 1.880 χ^2 /NDF: 7.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.676 $\pm$ 1.258 χ^2 /NDF: 74.2/13

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3061.105+/-1.330 χ^2/NDF : 848.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3065.181+/-1.198 χ^2/NDF : 3387.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

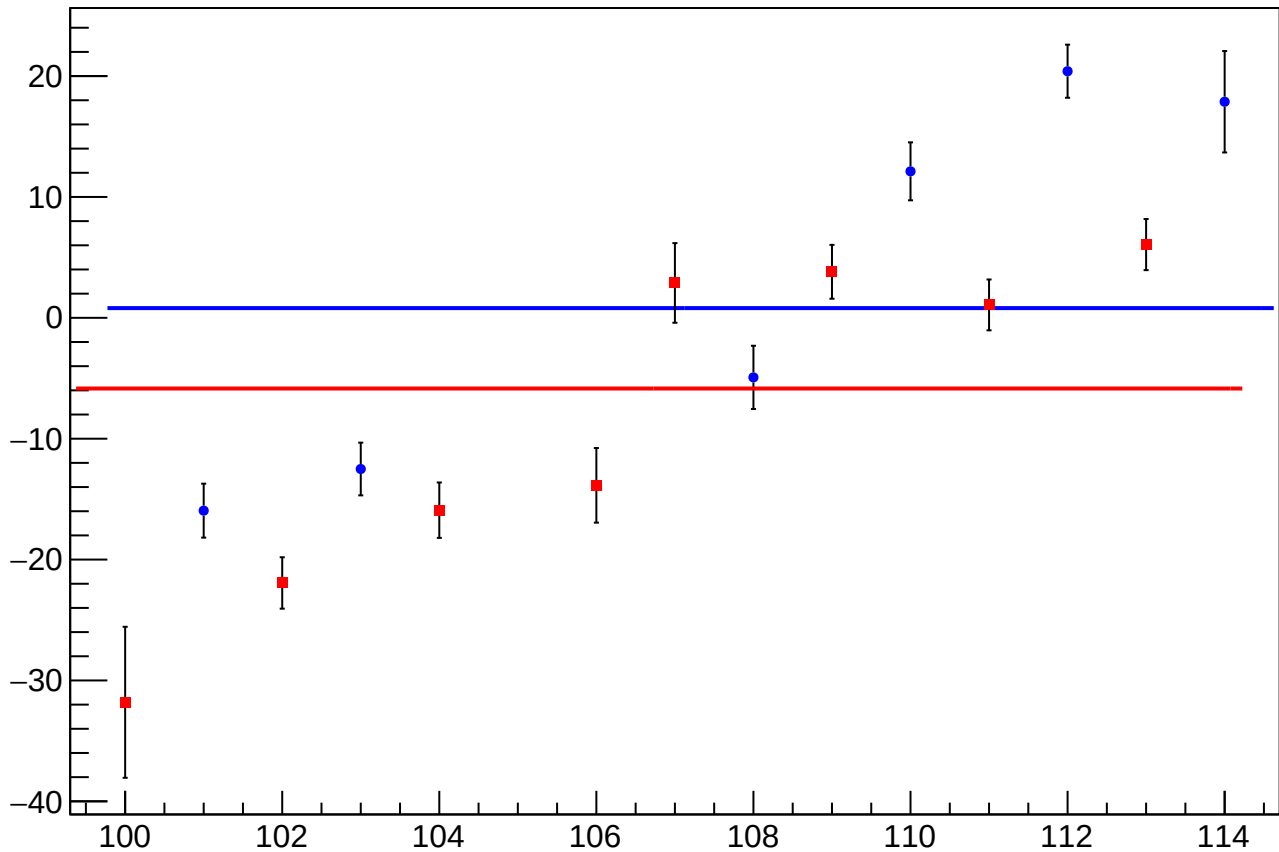
Right: 3063.356+/-0.890 χ^2/NDF : 4241.2/13

In: 3061.105+/-1.330 χ^2/NDF : 848.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3063.356+/-0.890 χ^2/NDF : 4241.2/13

diff_bpm0l01Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

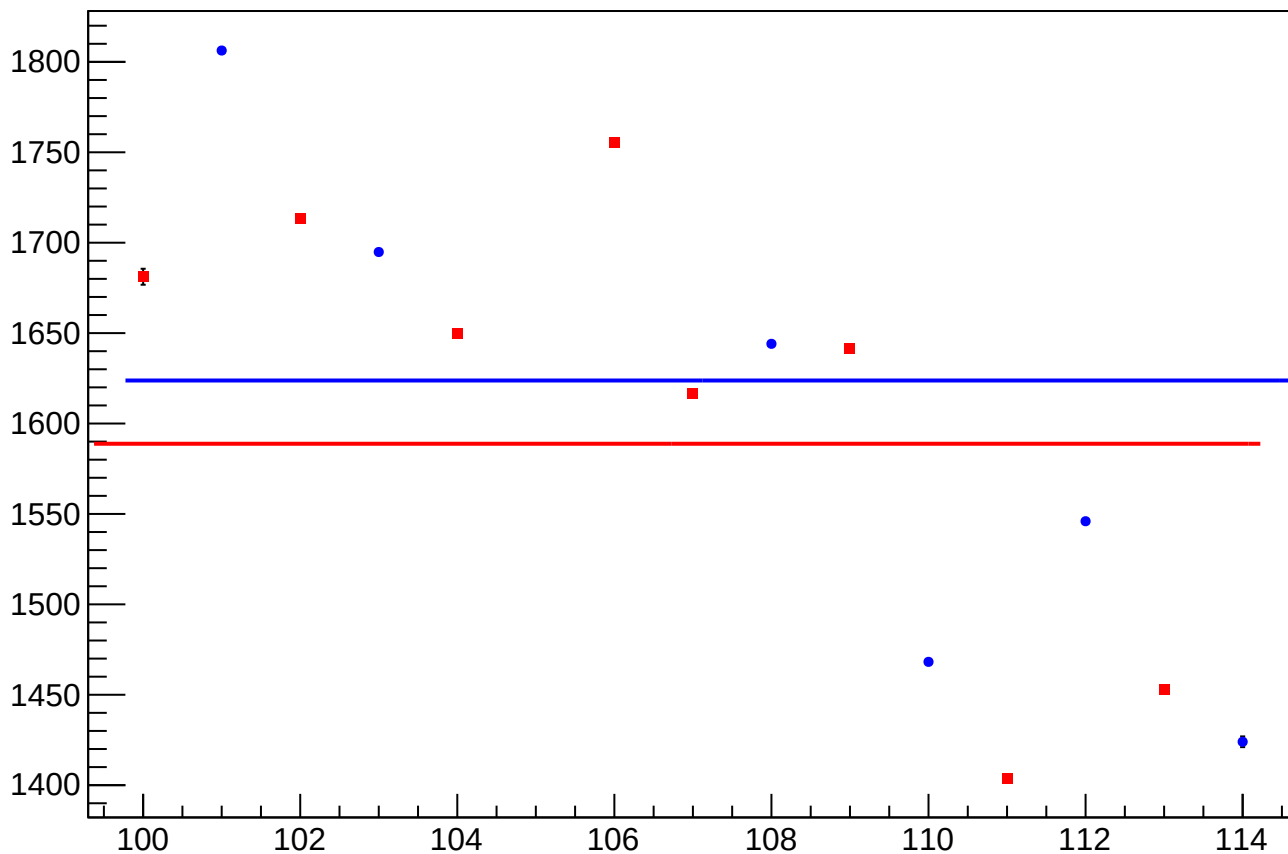
Right: -2.946+/-0.662 χ^2/NDF : 410.6/13

In: 0.805+/-1.002 χ^2/NDF : 216.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.946+/-0.662 χ^2/NDF : 410.6/13

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1623.795+/-0.709 χ^2/NDF : 31090.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.812+/-0.624 χ^2/NDF : 39500.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

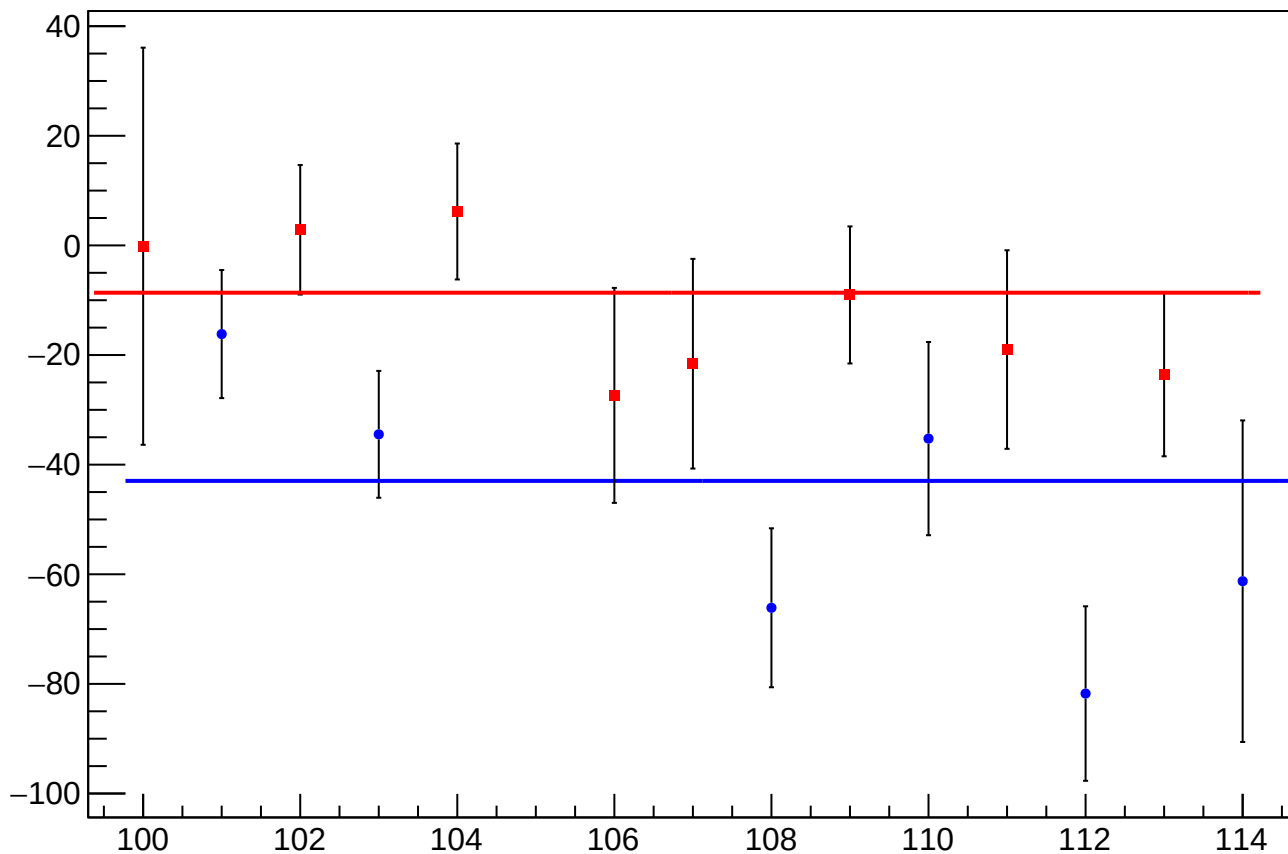
Right: 1604.076+/-0.468 χ^2/NDF : 71963.5/13

In: 1623.795+/-0.709 χ^2/NDF : 31090.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.076+/-0.468 χ^2/NDF : 71963.5/13

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -42.964 $\pm$ 5.989 χ^2 /NDF: 14.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.629 $\pm$ 5.449 χ^2 /NDF: 5.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

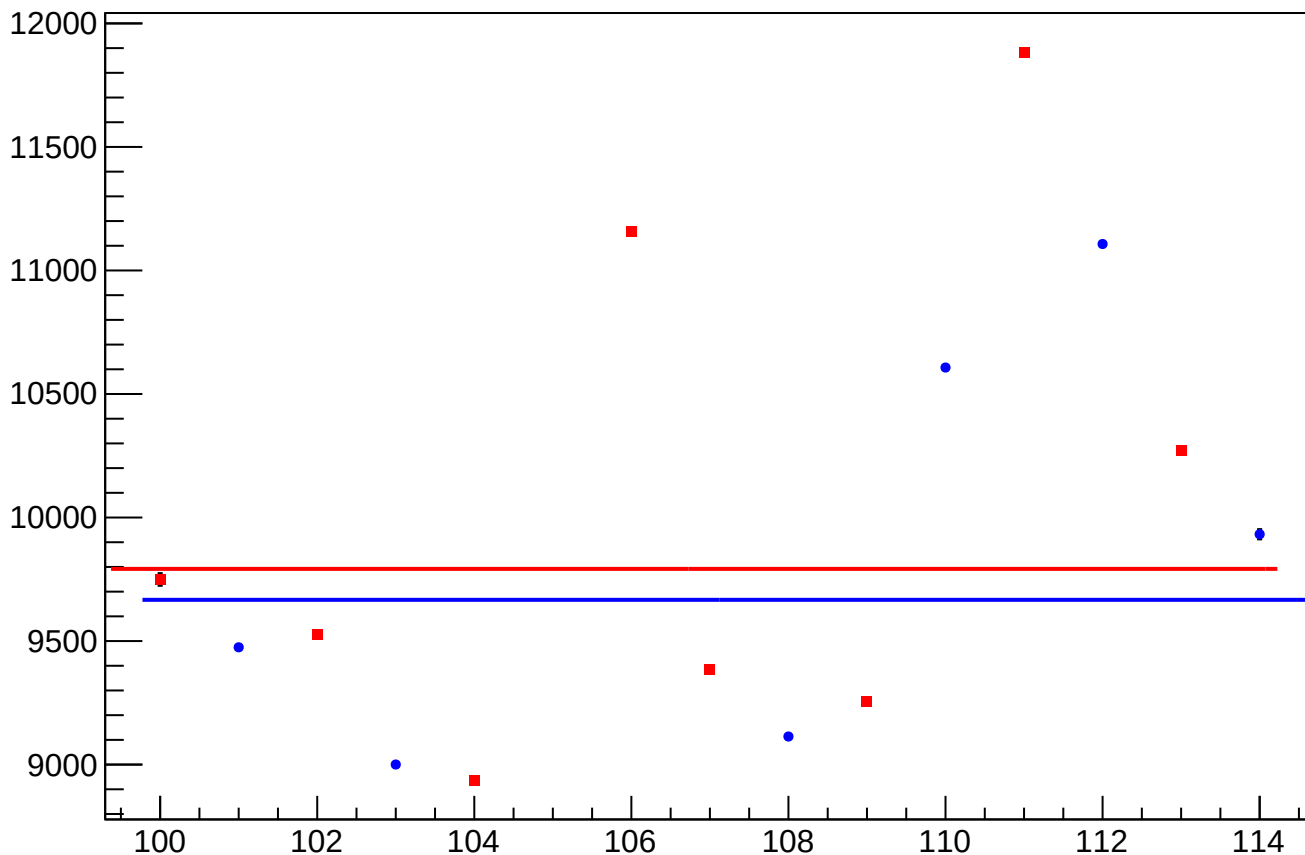
Right: -24.178 $\pm$ 4.031 χ^2 /NDF: 38.0/13

In: -42.964 $\pm$ 5.989 χ^2 /NDF:14.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.178 $\pm$ 4.031 χ^2 /NDF: 38.0/13

diff_bpm0l02X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

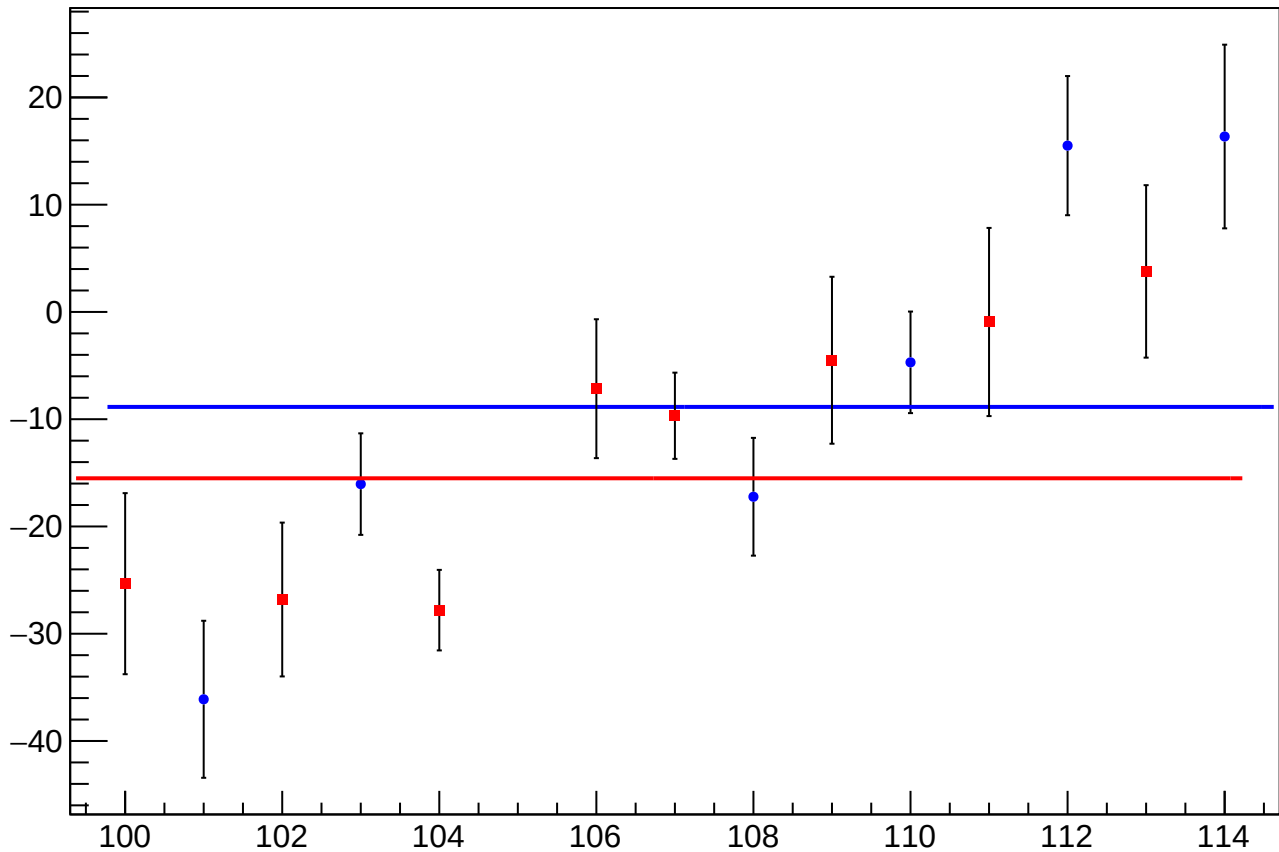
Right: 9735.428+/-2.850 χ^2/NDF : 86334.4/13

In: 9666.900+/-4.235 χ^2/NDF : 32315.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9735.428+/-2.850 χ^2/NDF : 86334.4/13

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -8.854+/-2.367 χ^2/NDF : 42.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.509+/-2.062 χ^2/NDF : 28.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

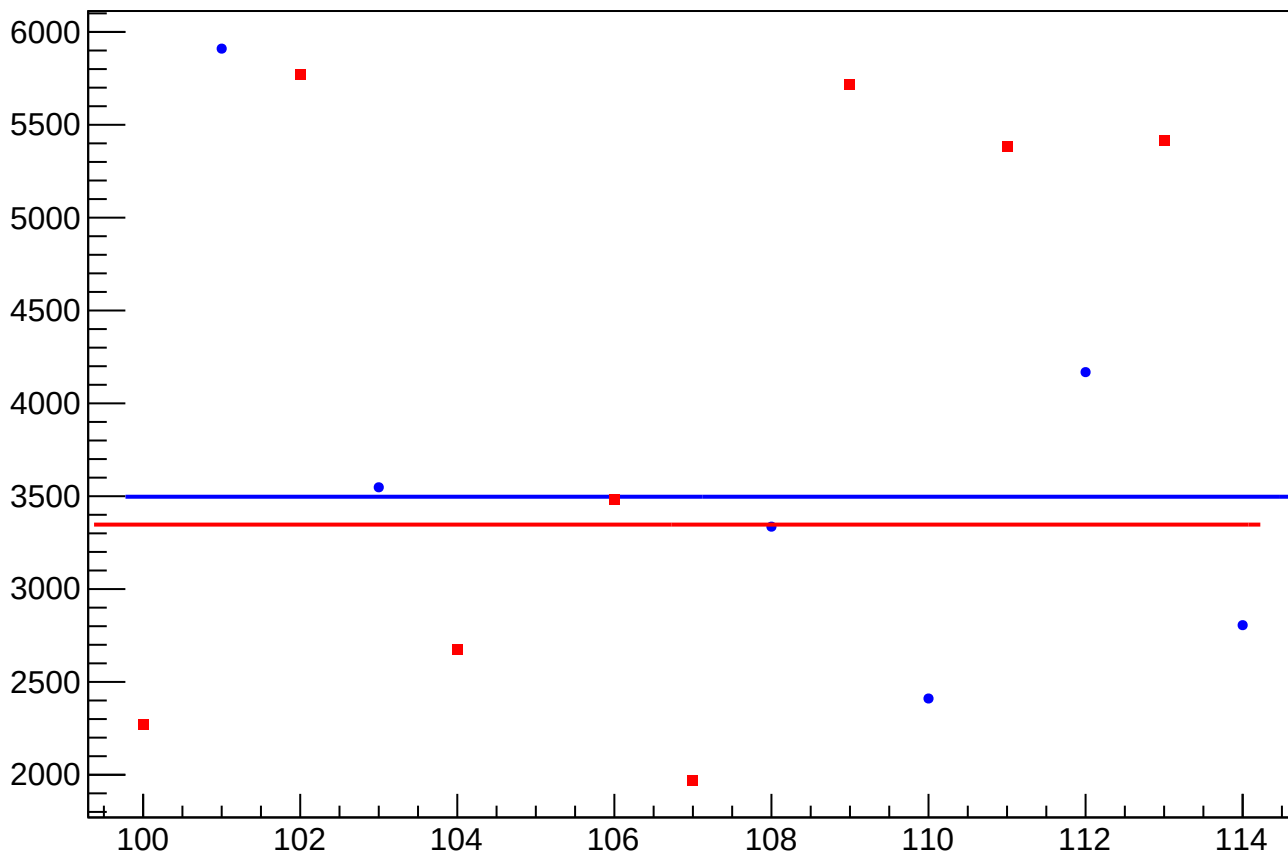
Right: -12.637+/-1.555 χ^2/NDF : 75.4/13

In: -8.854+/-2.367 χ^2/NDF : 42.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.637+/-1.555 χ^2/NDF : 75.4/13

diff_bpm0l02Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

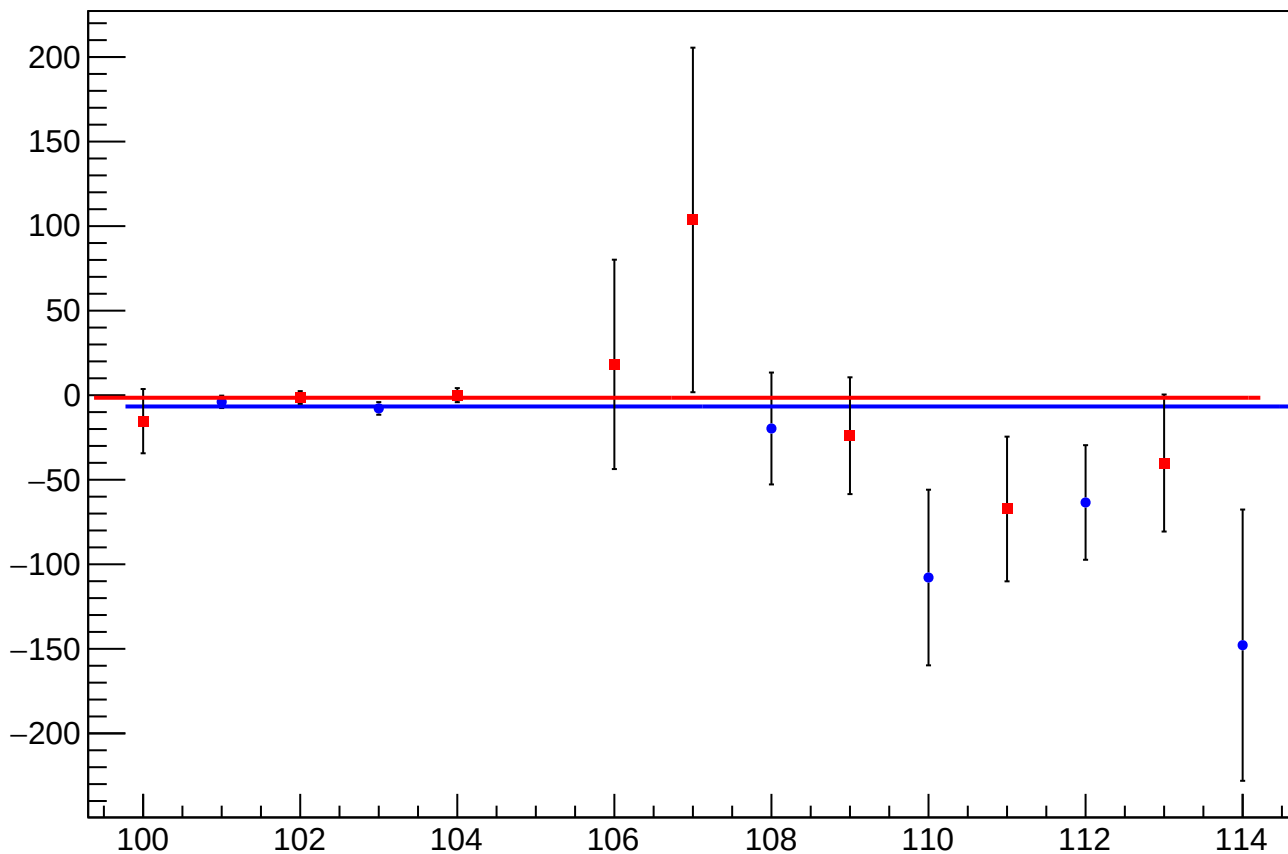
Right: 3411.915+/-1.099 χ^2/NDF : 1349039.9/13

In: 3497.247+/-1.674 χ^2/NDF : 359030.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3411.915+/-1.099 χ^2/NDF : 1349039.9/13

diff_bpm0l03X_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

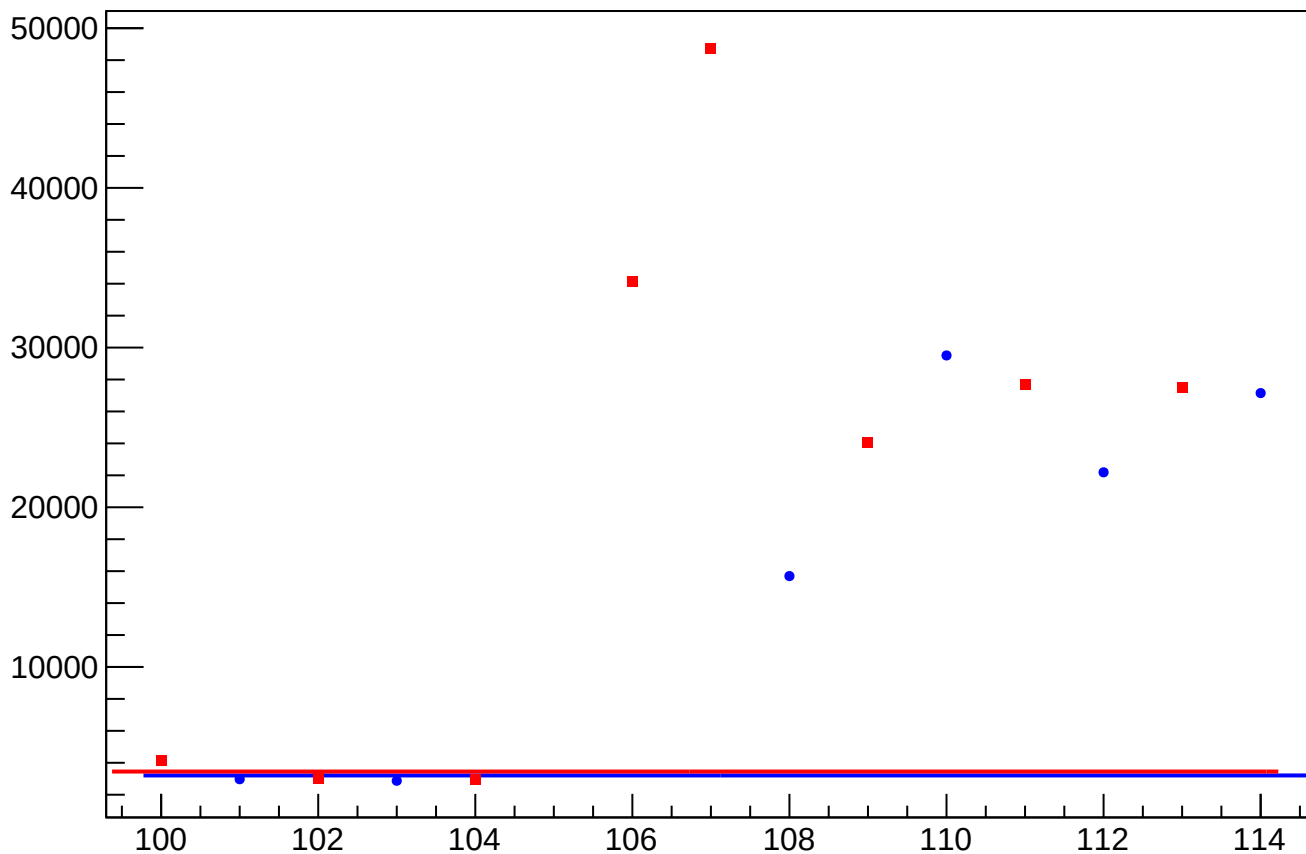
Right: -4.218 $\pm$ 1.882 χ^2 /NDF: 17.9/13

In: -6.667 $\pm$ 2.595 χ^2 /NDF:10.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.218 $\pm$ 1.882 χ^2 /NDF: 17.9/13

diff_bpm0l03X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

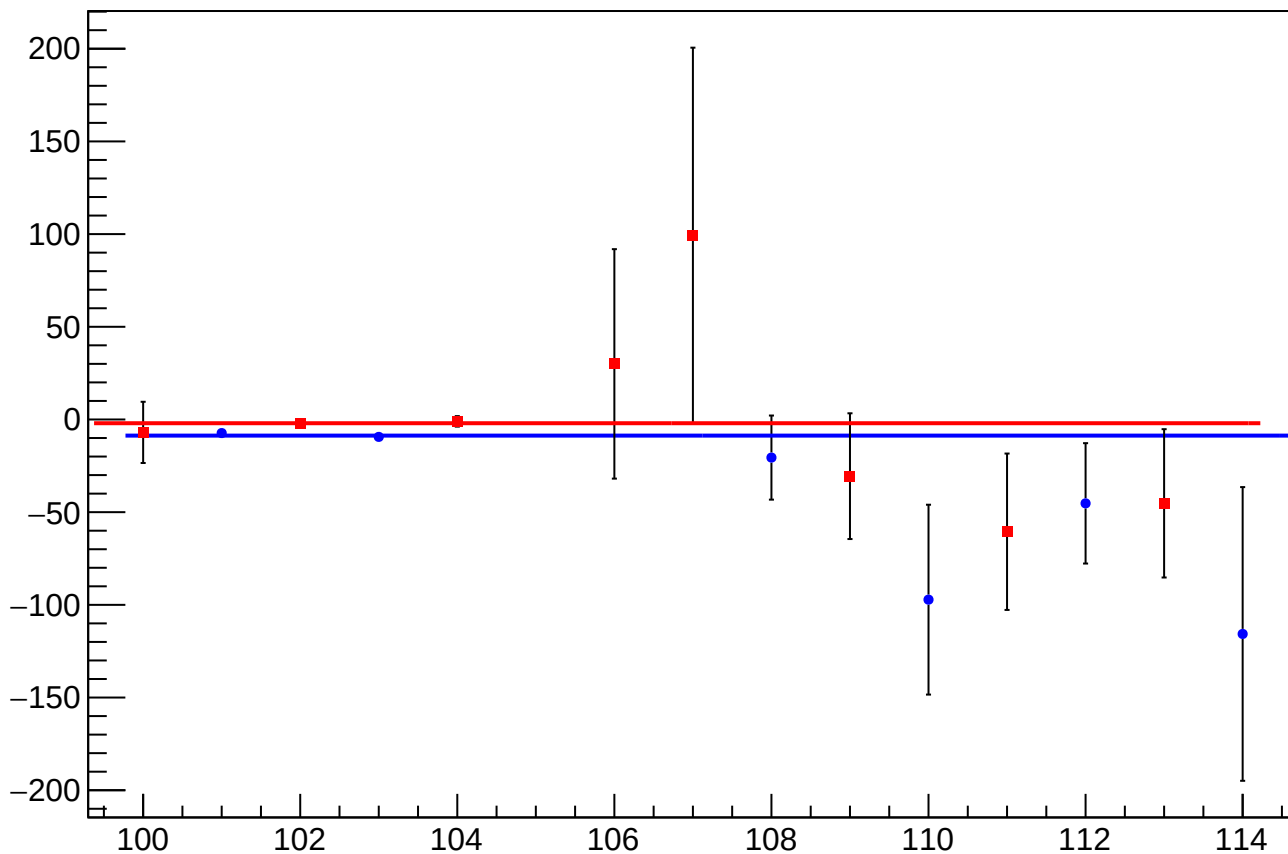
Right: 3322.843+/-1.330 χ^2/NDF : 4639065.0/13

In: 3206.721+/-1.835 χ^2/NDF : 1627517.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3322.843+/-1.330 χ^2/NDF : 4639065.0/13

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.701 $\pm$ 1.780 χ^2 /NDF: 6.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.017 $\pm$ 1.882 χ^2 /NDF: 5.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

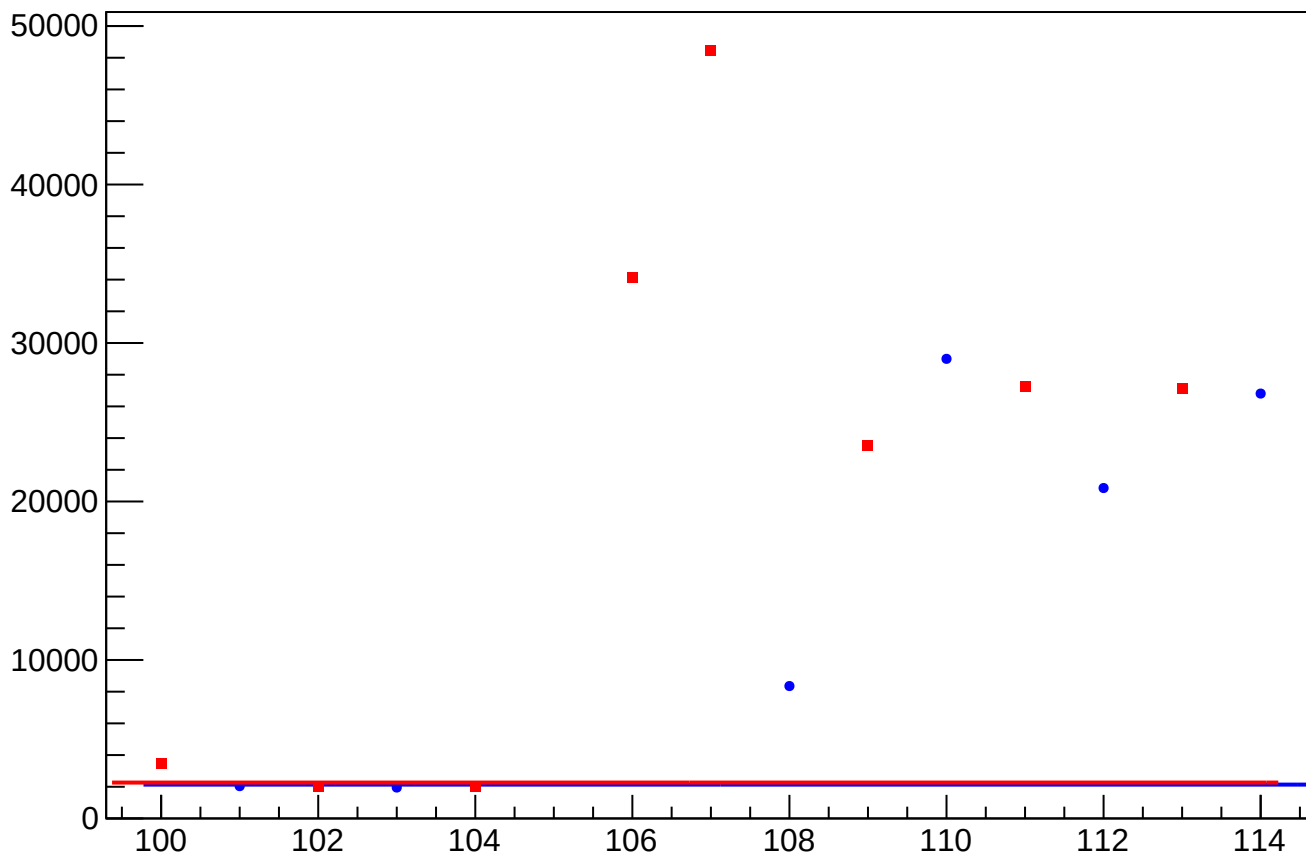
Right: -5.546 $\pm$ 1.293 χ^2 /NDF: 18.7/13

In: -8.701 $\pm$ 1.780 χ^2 /NDF:6.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.546 $\pm$ 1.293 χ^2 /NDF: 18.7/13

diff_bpm0l03Y_rms vs Slug, Sign Corrected



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

Right Out: 2264.518 $\pm$ 1.331 χ^2/NDF : 3250399.4/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

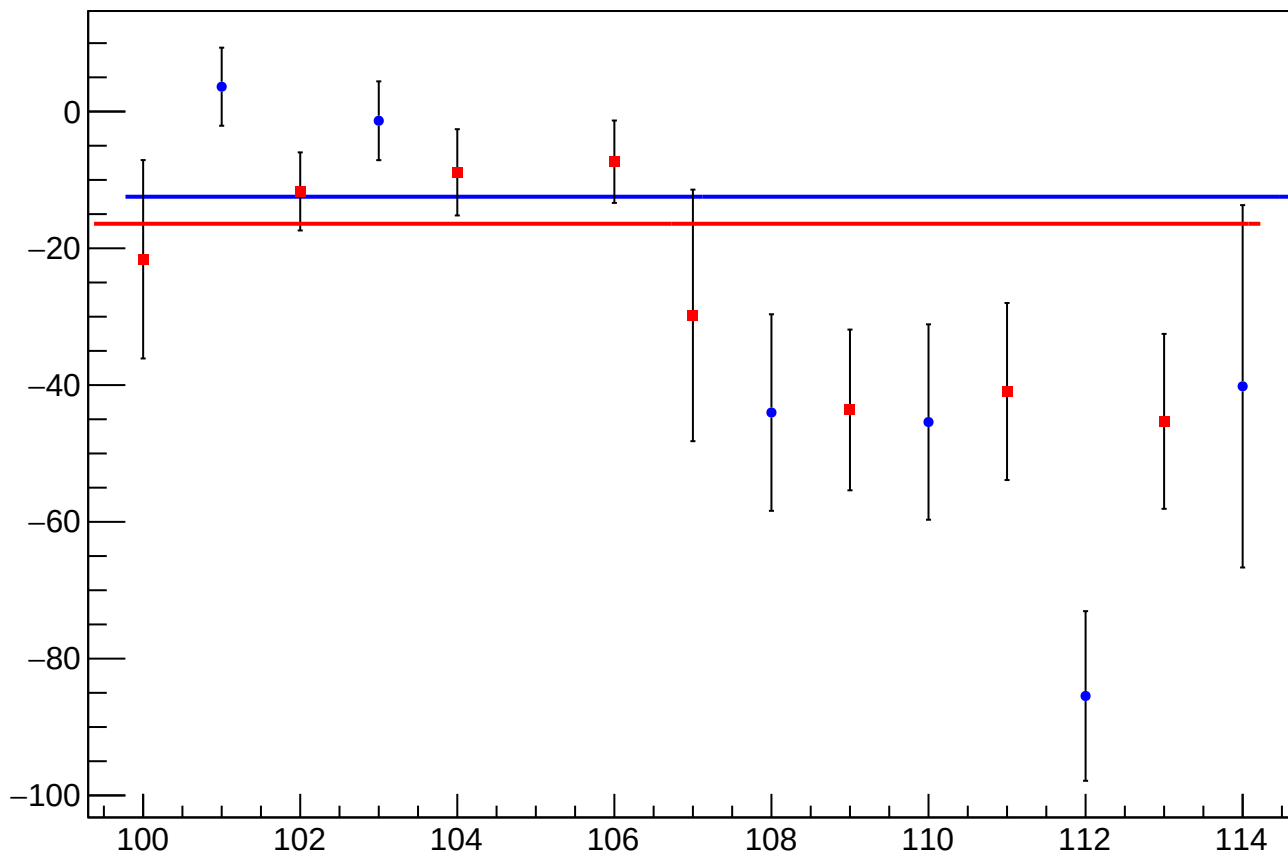
Right: 2196.636 $\pm$ 0.914 χ^2/NDF : 4828046.9/13

In: 2135.952 $\pm$ 1.258 χ^2/NDF : 1572721.0/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2196.636 $\pm$ 0.914 χ^2/NDF : 4828046.9/13

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -12.458+/-3.570 χ^2/NDF : 57.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.412+/-3.009 χ^2/NDF : 19.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

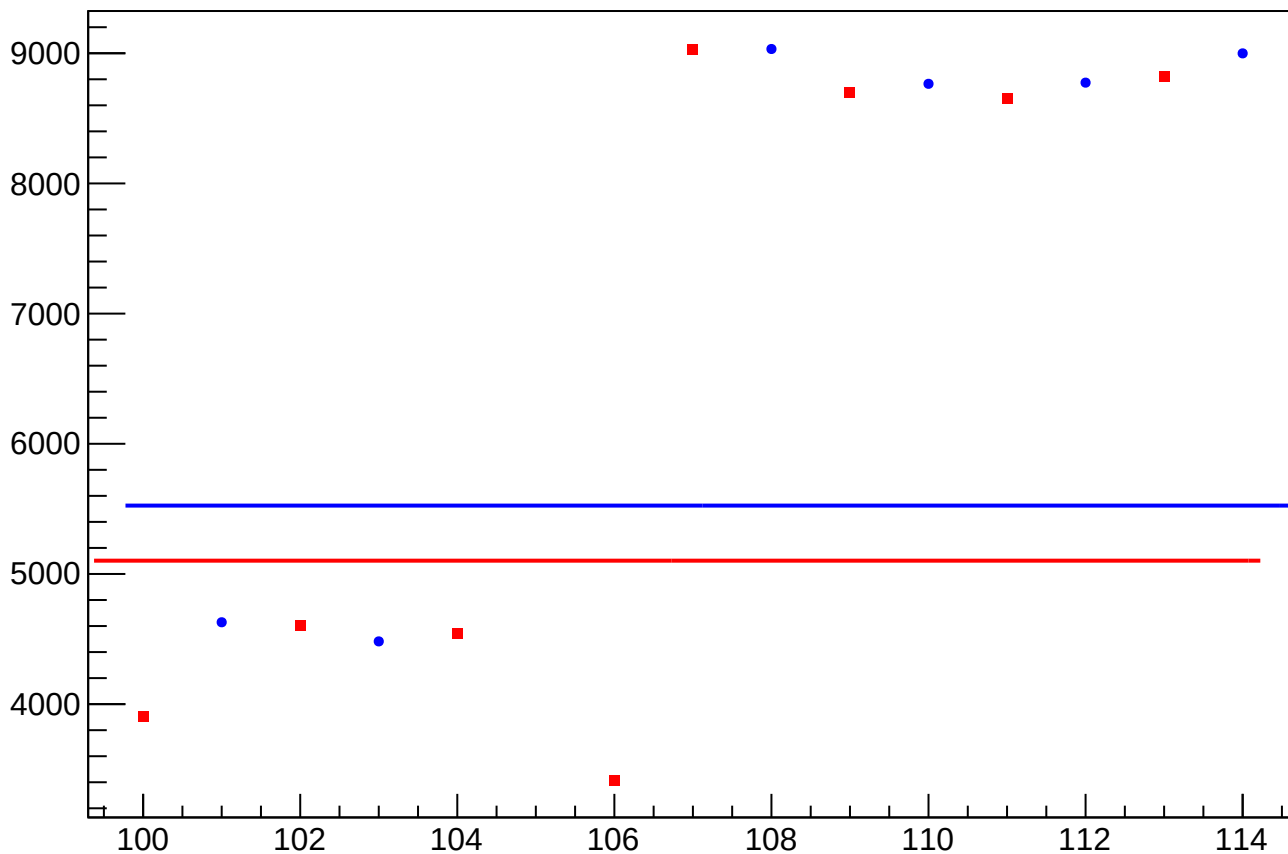
Right: -14.769+/-2.301 χ^2/NDF : 77.4/13

In: -12.458+/-3.570 χ^2/NDF : 57.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.769+/-2.301 χ^2/NDF : 77.4/13

diff_bpm0l04X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

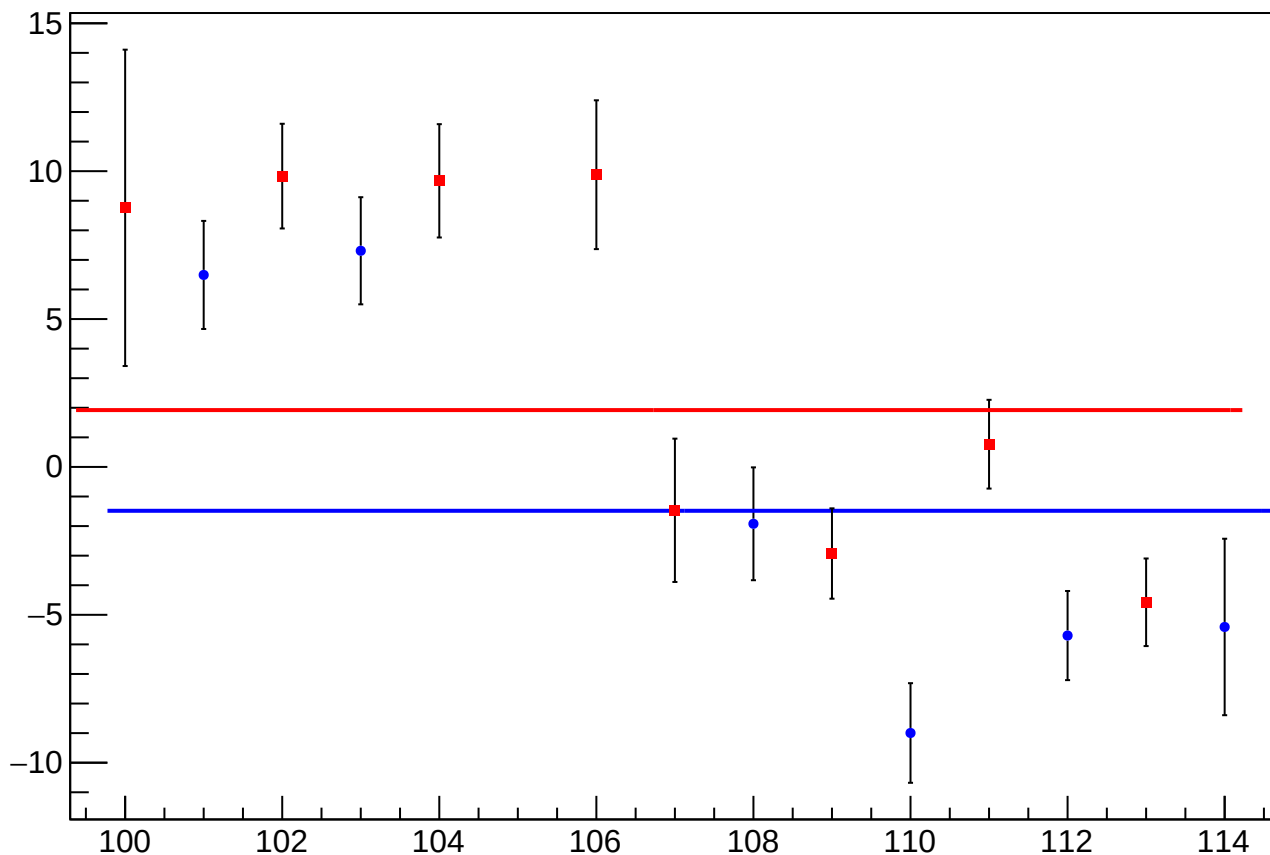
Right: 5277.936+/-1.627 χ^2/NDF : 1324936.3/13

In: 5525.272+/-2.524 χ^2/NDF : 508512.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5277.936+/-1.627 χ^2/NDF : 1324936.3/13

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.483+/-0.749 χ^2/NDF : 72.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.922+/-0.662 χ^2/NDF : 79.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

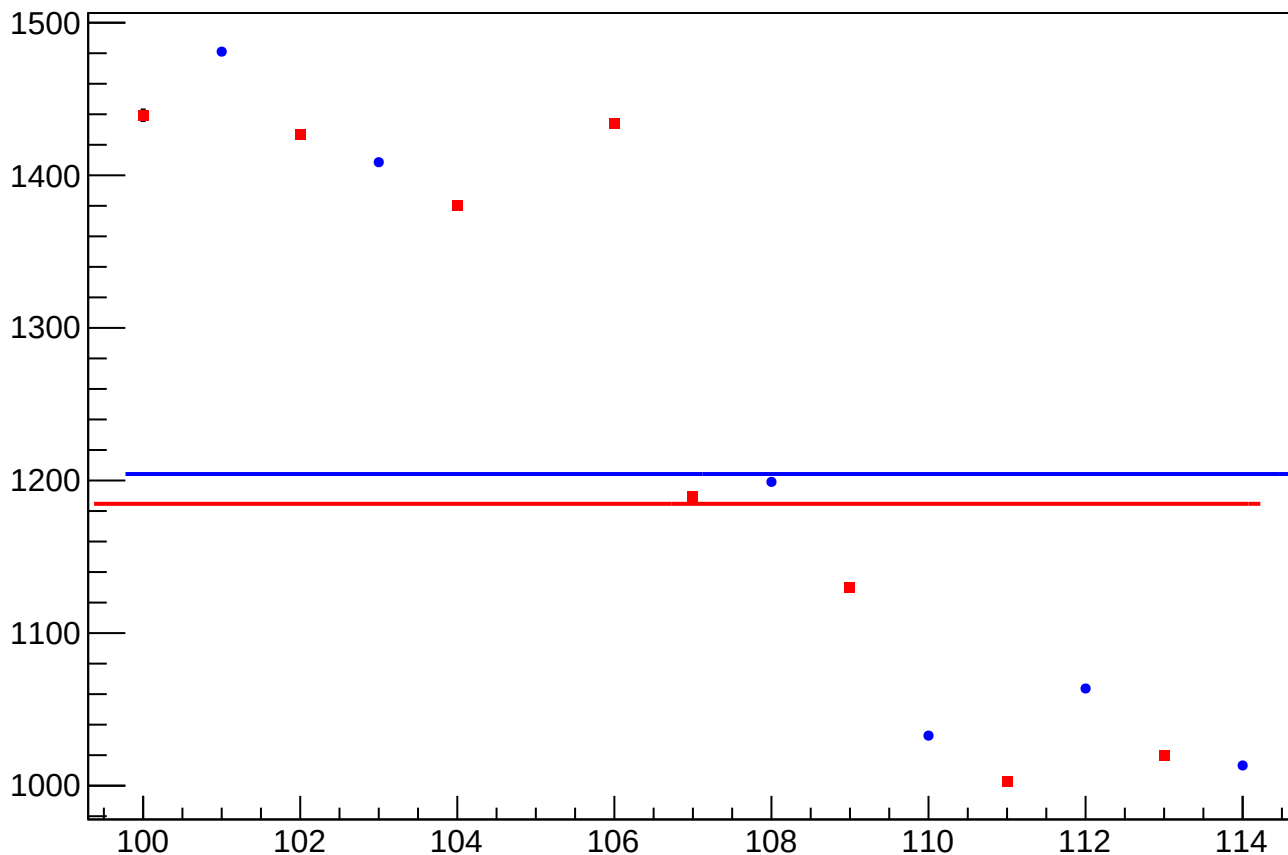
Right: 0.429+/-0.496 χ^2/NDF : 163.6/13

In: -1.483+/-0.749 χ^2/NDF : 72.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.429+/-0.496 χ^2/NDF : 163.6/13

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1204.248+/-0.529 χ^2/NDF : 117700.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1184.733+/-0.468 χ^2/NDF : 139030.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

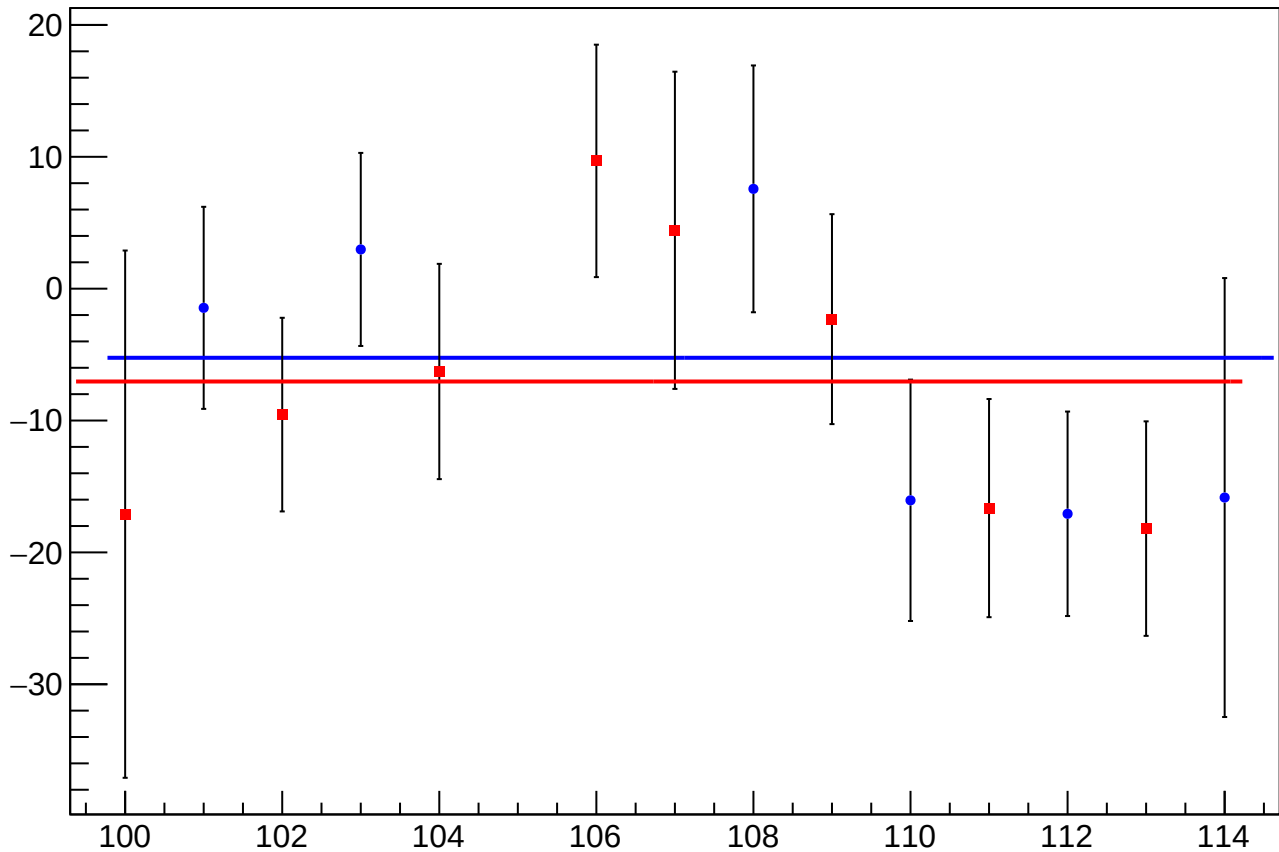
Right: 1193.292+/-0.351 χ^2/NDF : 257494.1/13

In: 1204.248+/-0.529 χ^2/NDF : 117700.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1193.292+/-0.351 χ^2/NDF : 257494.1/13

diff_bpm0l05X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

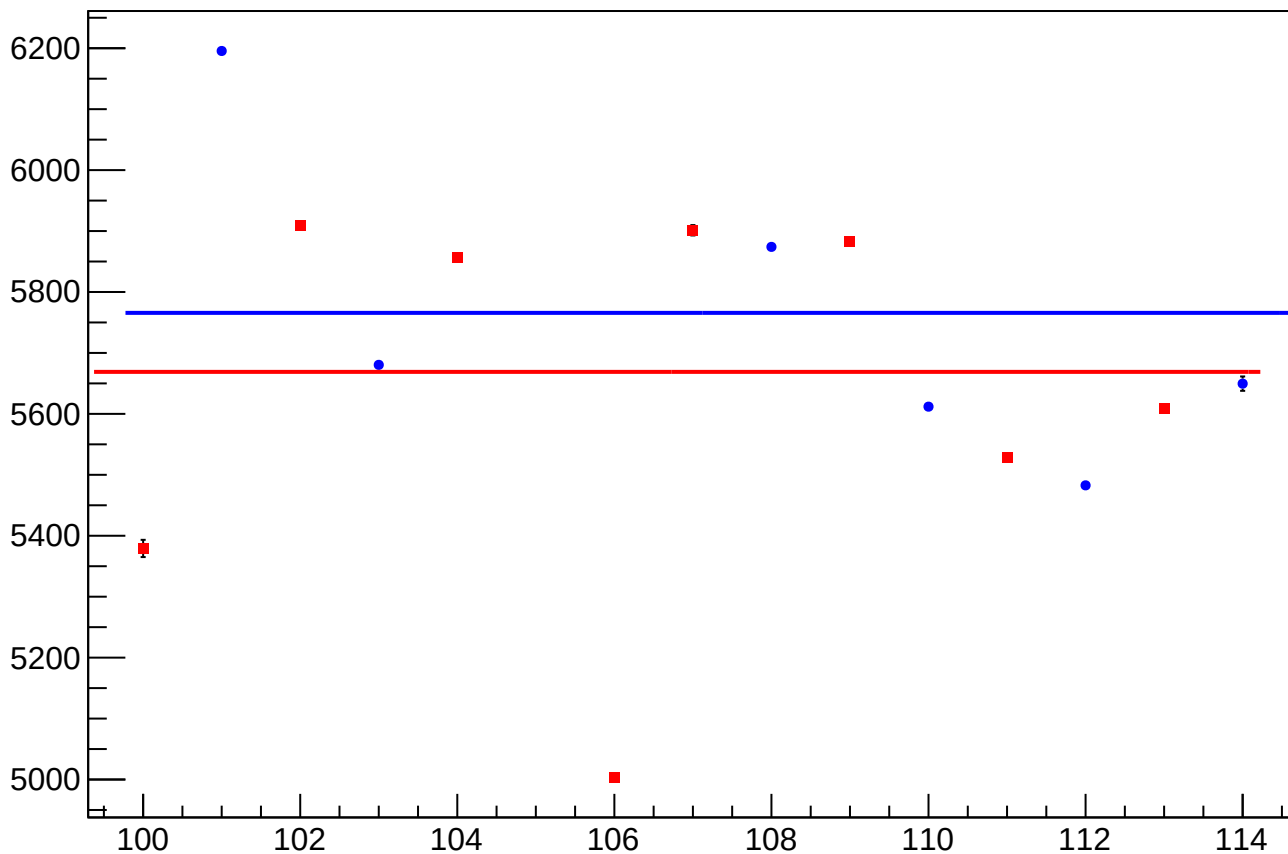
Right: -6.250+/-2.353 χ^2/NDF : 16.1/13

In: -5.241+/-3.551 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.250+/-2.353 χ^2/NDF : 16.1/13

diff_bpm0l05X_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

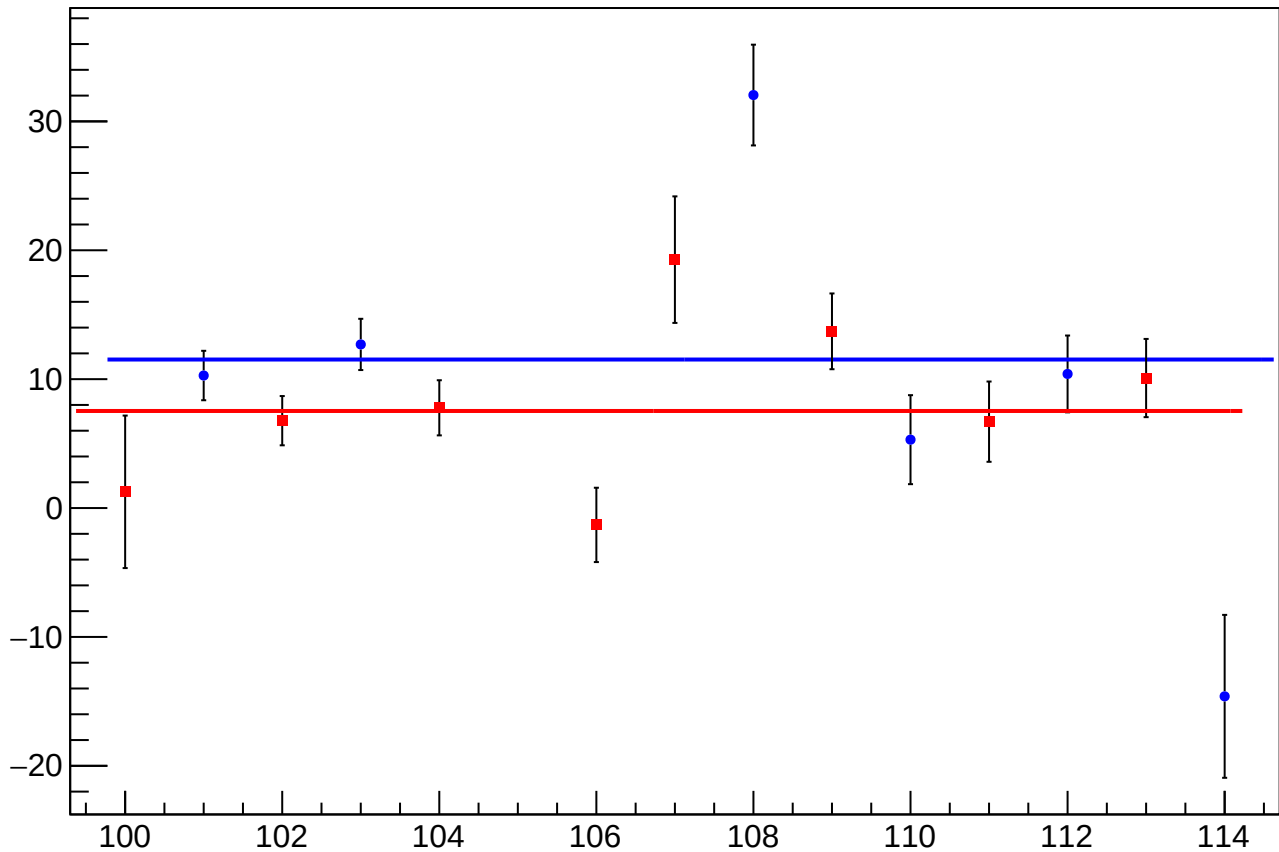
Right: 5711.419 $\pm$ 1.664 χ^2/NDF : 28873.3/13

In: 5765.746 $\pm$ 2.511 χ^2/NDF : 10158.8/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 5711.419 $\pm$ 1.664 χ^2/NDF : 28873.3/13

diff_bpm0l05Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

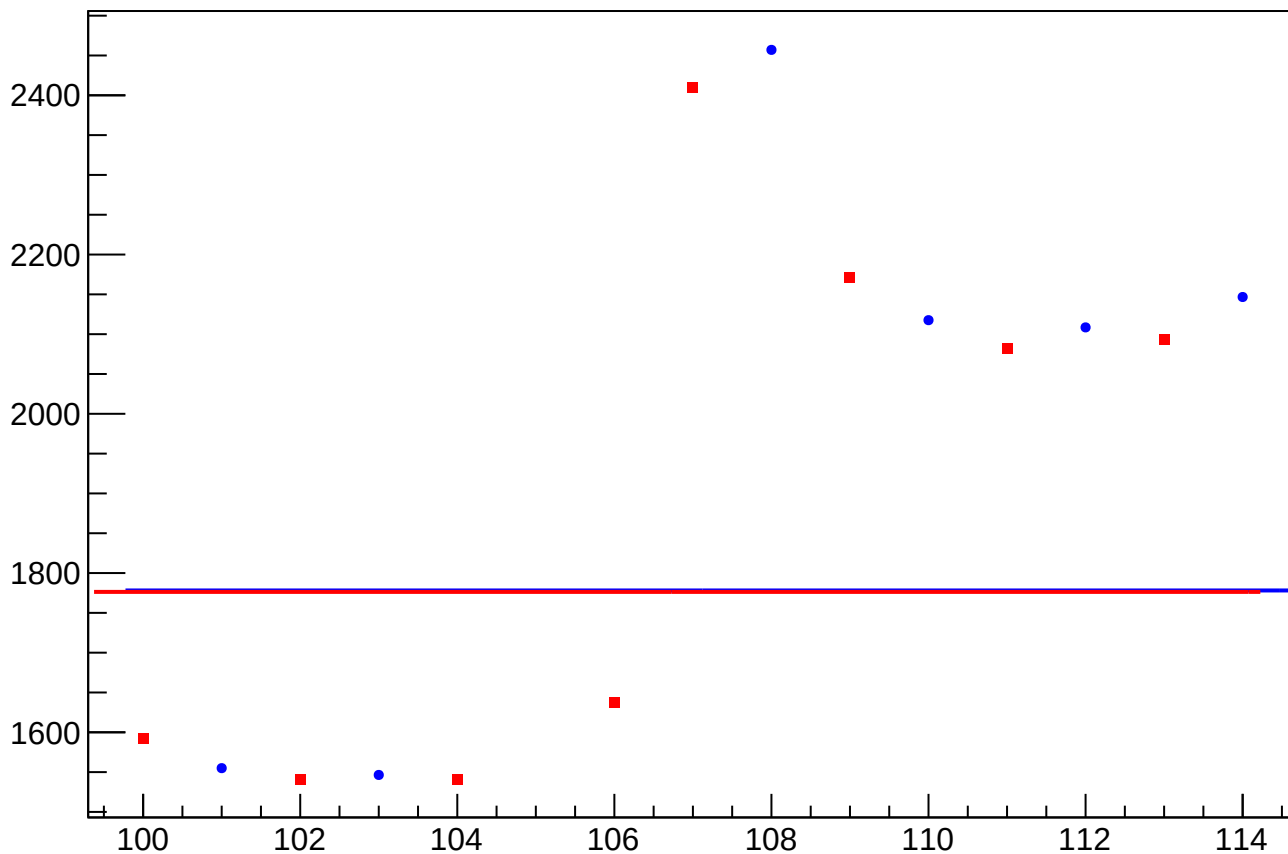
Right: 9.310+/-0.741 χ^2/NDF : 77.6/13

In: 11.523+/-1.110 χ^2/NDF : 48.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.310+/-0.741 χ^2/NDF : 77.6/13

diff_bpm0l05Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

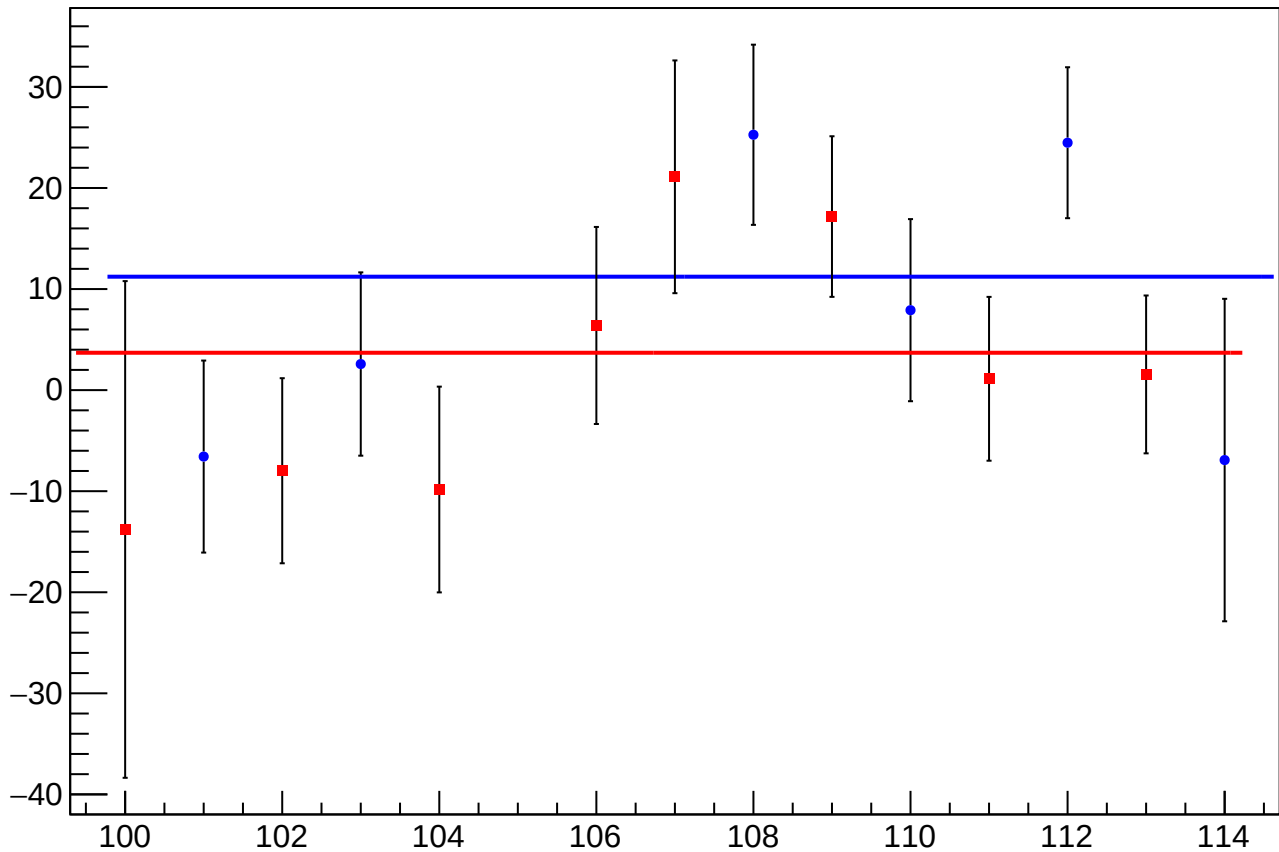
Right: 1777.134+/-0.524 χ^2/NDF : 337145.3/13

In: 1778.132+/-0.785 χ^2/NDF : 165309.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.134+/-0.524 χ^2/NDF : 337145.3/13

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 11.224+/-3.780 χ^2/NDF : 11.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.697+/-3.357 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

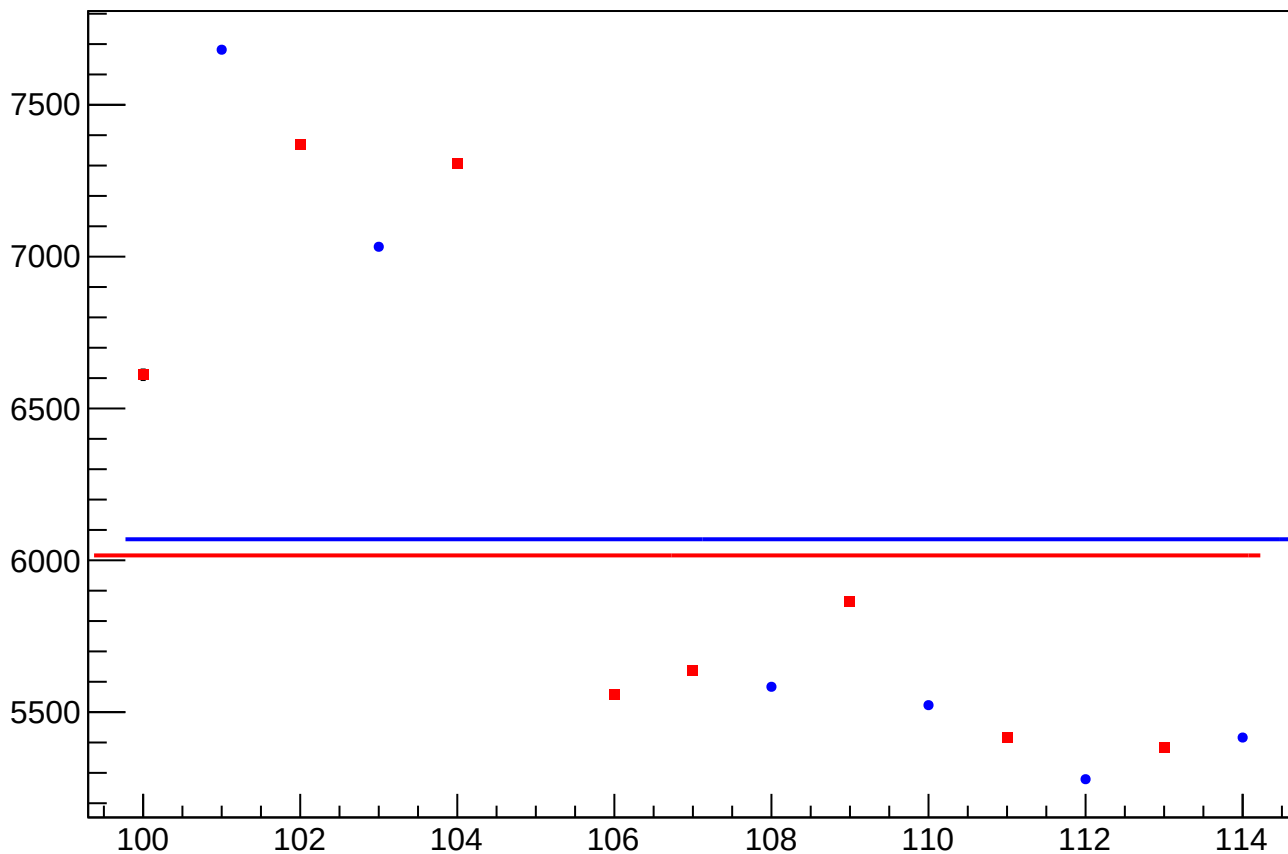
Right: 7.016+/-2.510 χ^2/NDF : 23.0/13

In: 11.224+/-3.780 χ^2/NDF : 11.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.016+/-2.510 χ^2/NDF : 23.0/13

diff_bpm0l06X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

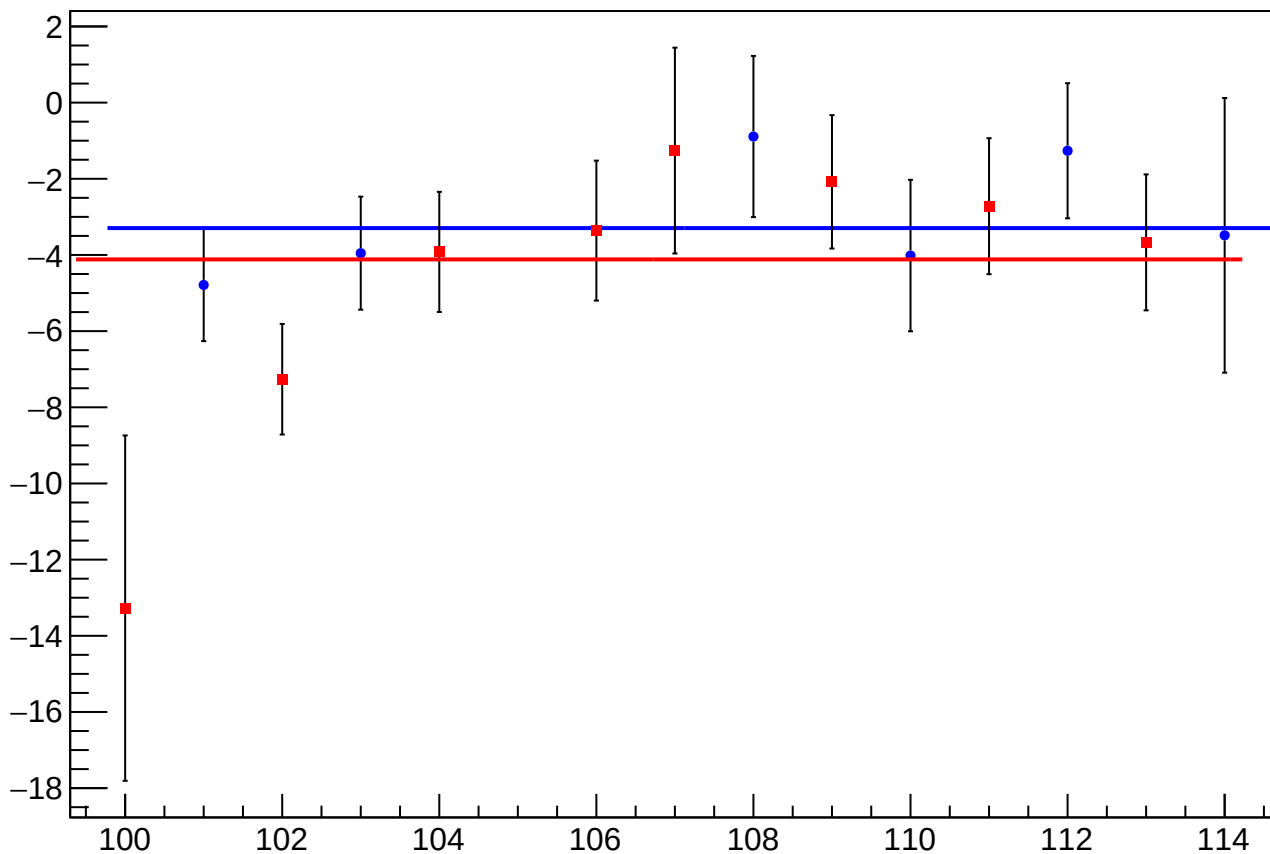
Right: 6039.554+/-1.775 χ^2/NDF : 227753.9/13

In: 6069.283+/-2.673 χ^2/NDF : 119191.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6039.554+/-1.775 χ^2/NDF : 227753.9/13

diff_bpm0l06Y_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

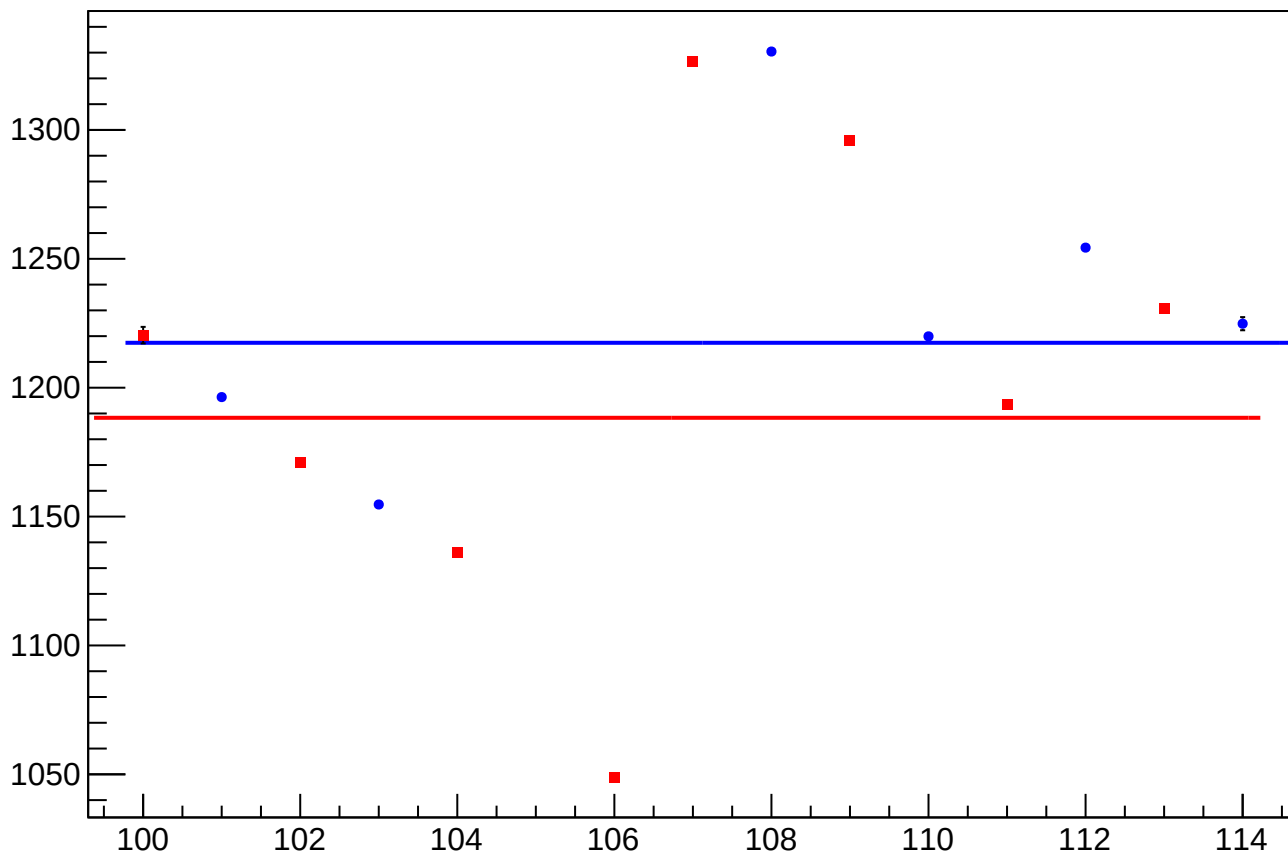
Right: -3.758 ± 0.494 χ^2/NDF : 16.7/13

In: -3.295 ± 0.749 χ^2/NDF : 4.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.758 ± 0.494 χ^2/NDF : 16.7/13

diff_bpm0l06Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

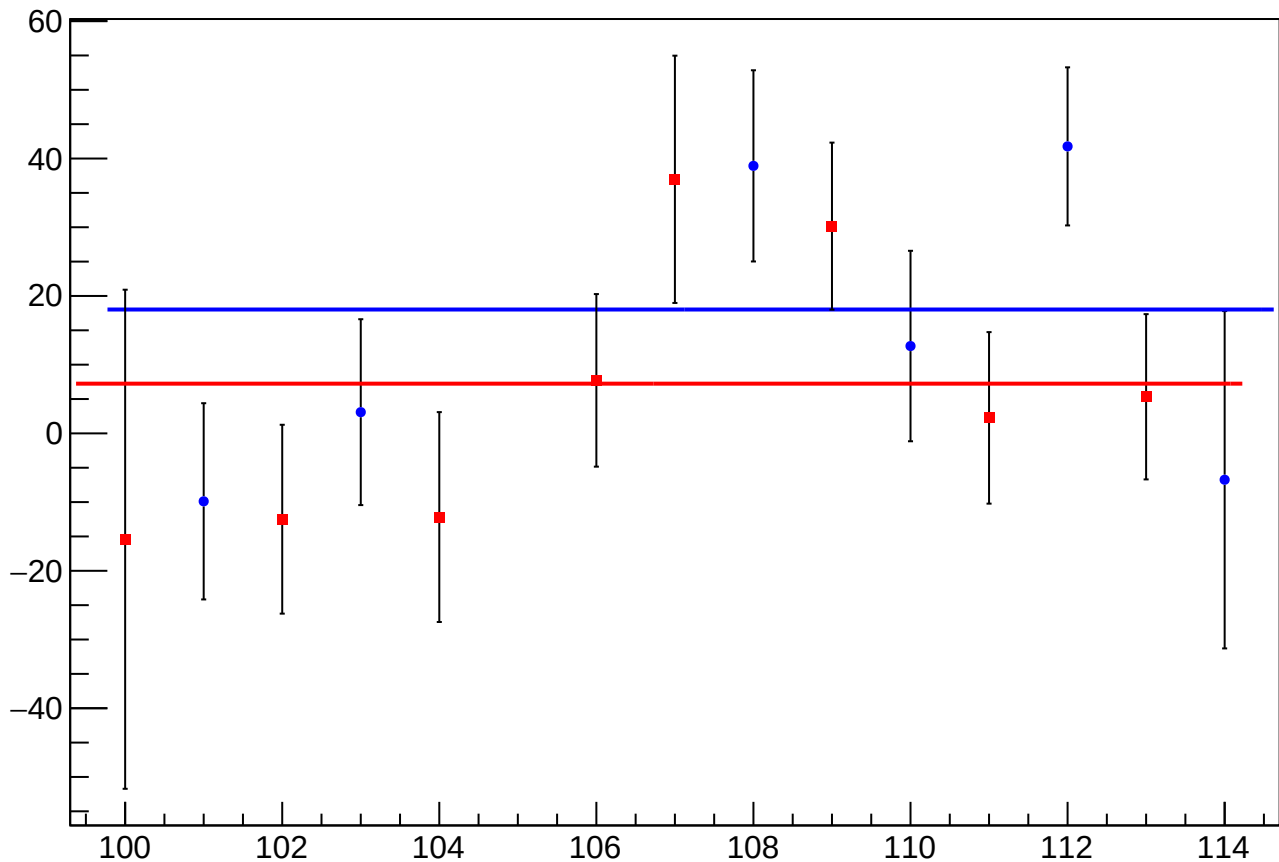
Right: 1201.001+/-0.349 χ^2/NDF : 40348.6/13

In: 1217.423+/-0.529 χ^2/NDF : 10560.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.001+/-0.349 χ^2/NDF : 40348.6/13

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 18.027+/-5.778 χ^2/NDF : 12.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.236+/-5.008 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

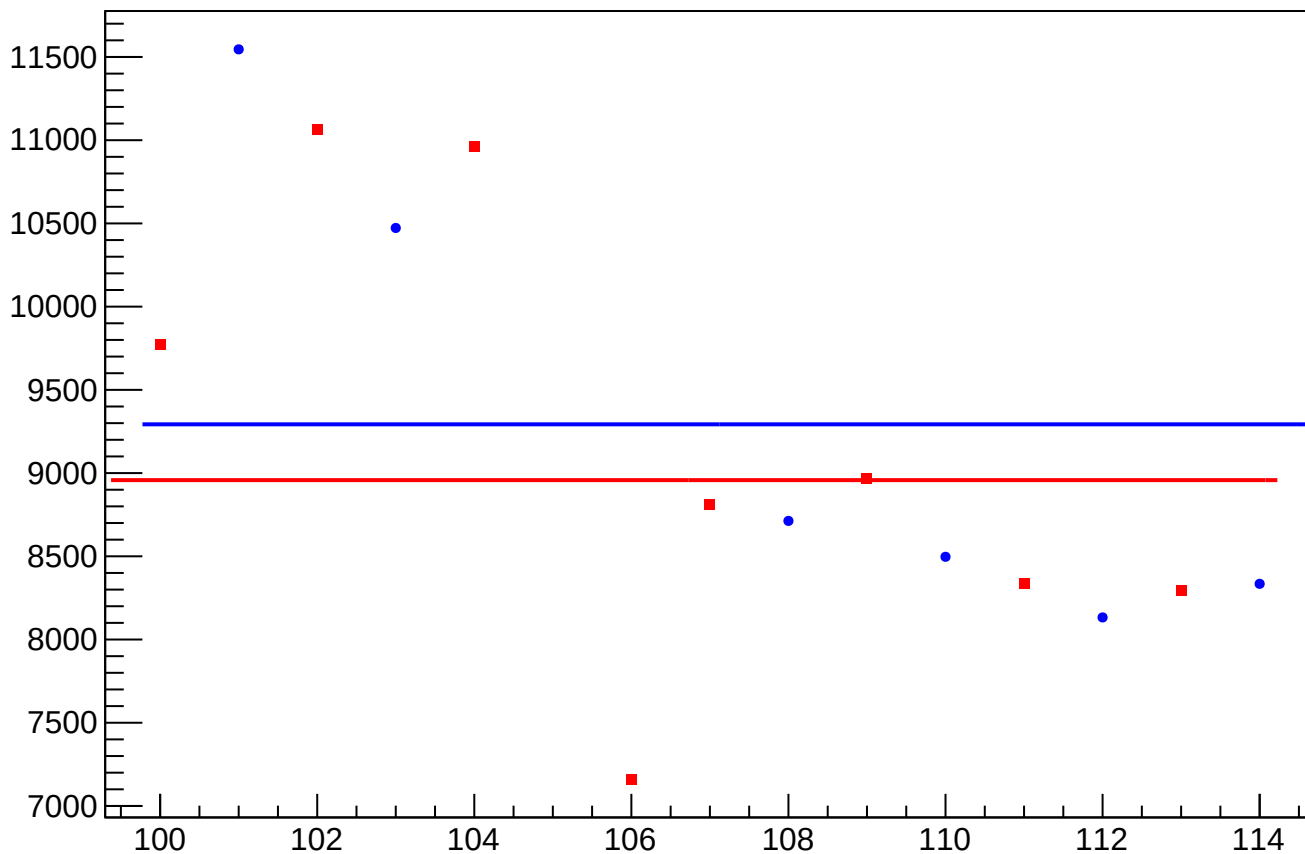
Right: 11.866+/-3.784 χ^2/NDF : 25.3/13

In: 18.027+/-5.778 χ^2/NDF : 12.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.866+/-3.784 χ^2/NDF : 25.3/13

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9292.985+/-4.085 χ^2/NDF : 98465.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8957.625+/-3.541 χ^2/NDF : 134446.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

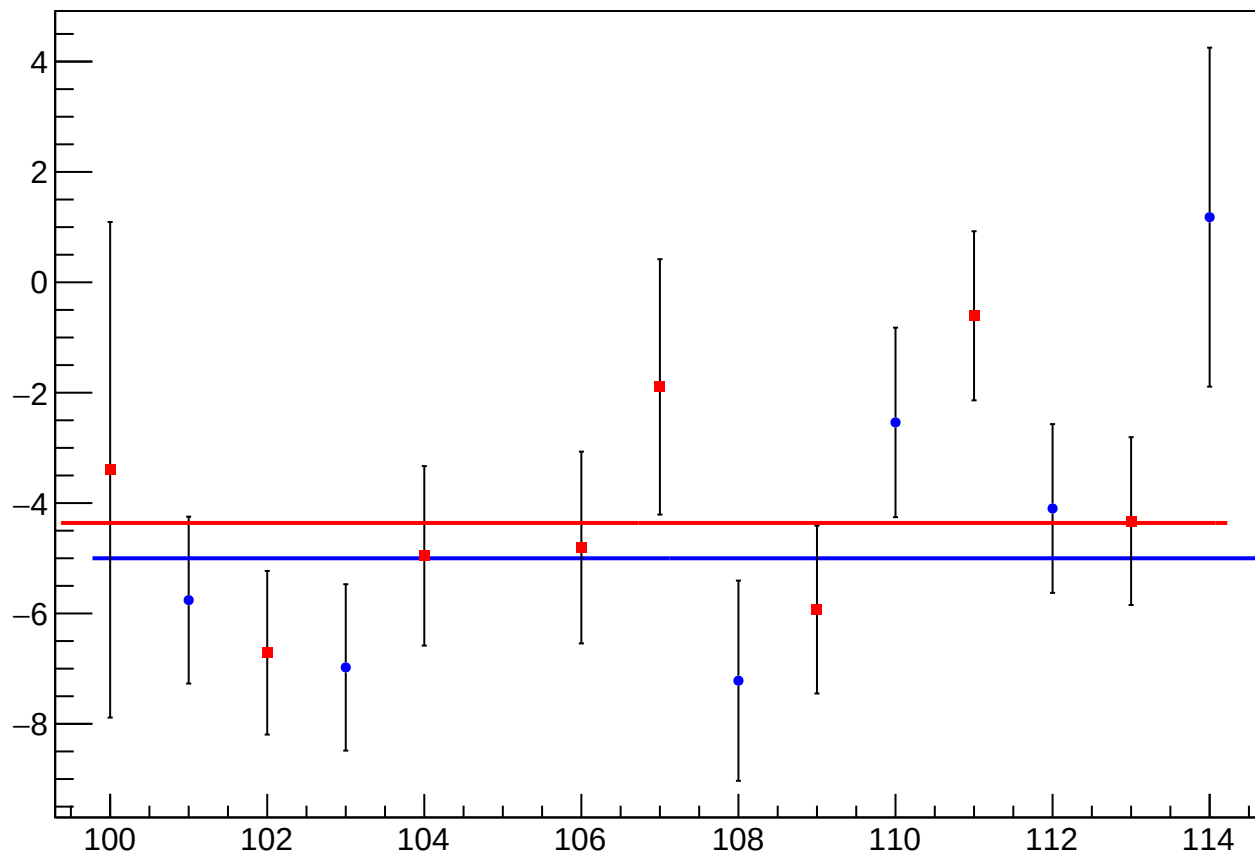
Right: 9101.504+/-2.676 χ^2/NDF : 236759.9/13

In: 9292.985+/-4.085 χ^2/NDF : 98465.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9101.504+/-2.676 χ^2/NDF : 236759.9/13

diff_bpm0l07Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

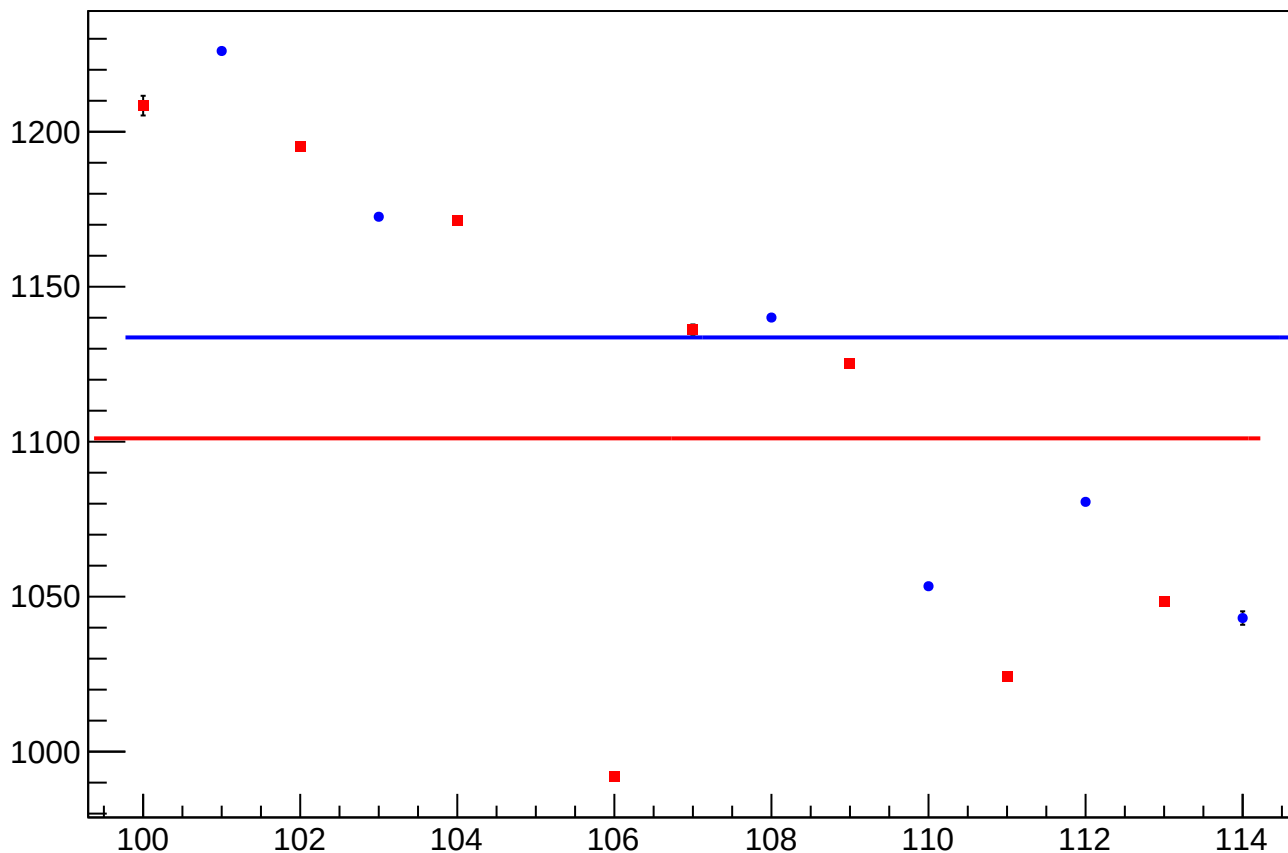
Right: -4.637+/-0.459 χ^2/NDF : 21.4/13

In: -5.000+/-0.698 χ^2/NDF : 9.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.637+/-0.459 χ^2/NDF : 21.4/13

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1133.641+/-0.493 χ^2/NDF : 17350.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1101.075+/-0.431 χ^2/NDF : 29264.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

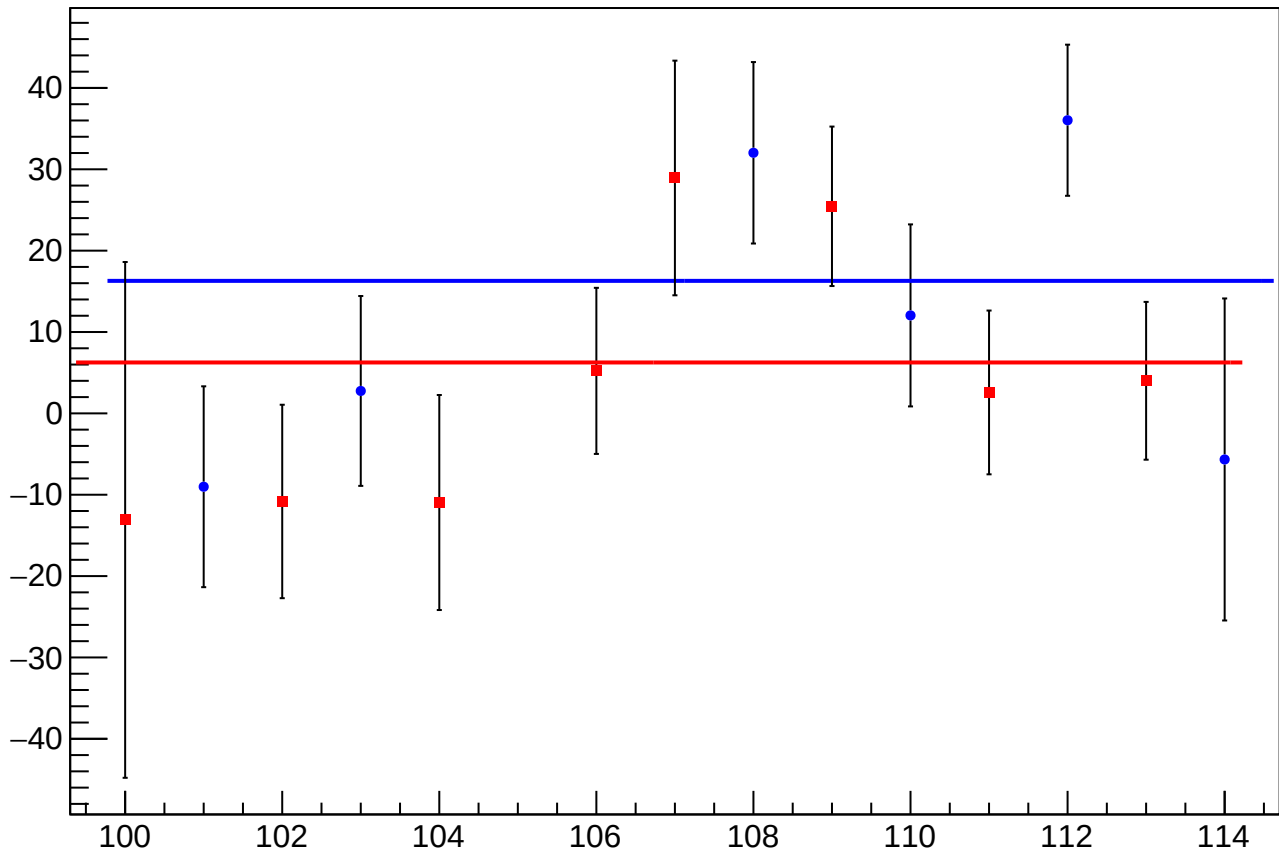
Right: 1115.172+/-0.325 χ^2/NDF : 49086.3/13

In: 1133.641+/-0.493 χ^2/NDF : 17350.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.172+/-0.325 χ^2/NDF : 49086.3/13

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 16.287+/-4.763 χ^2/NDF : 13.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.257+/-4.113 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

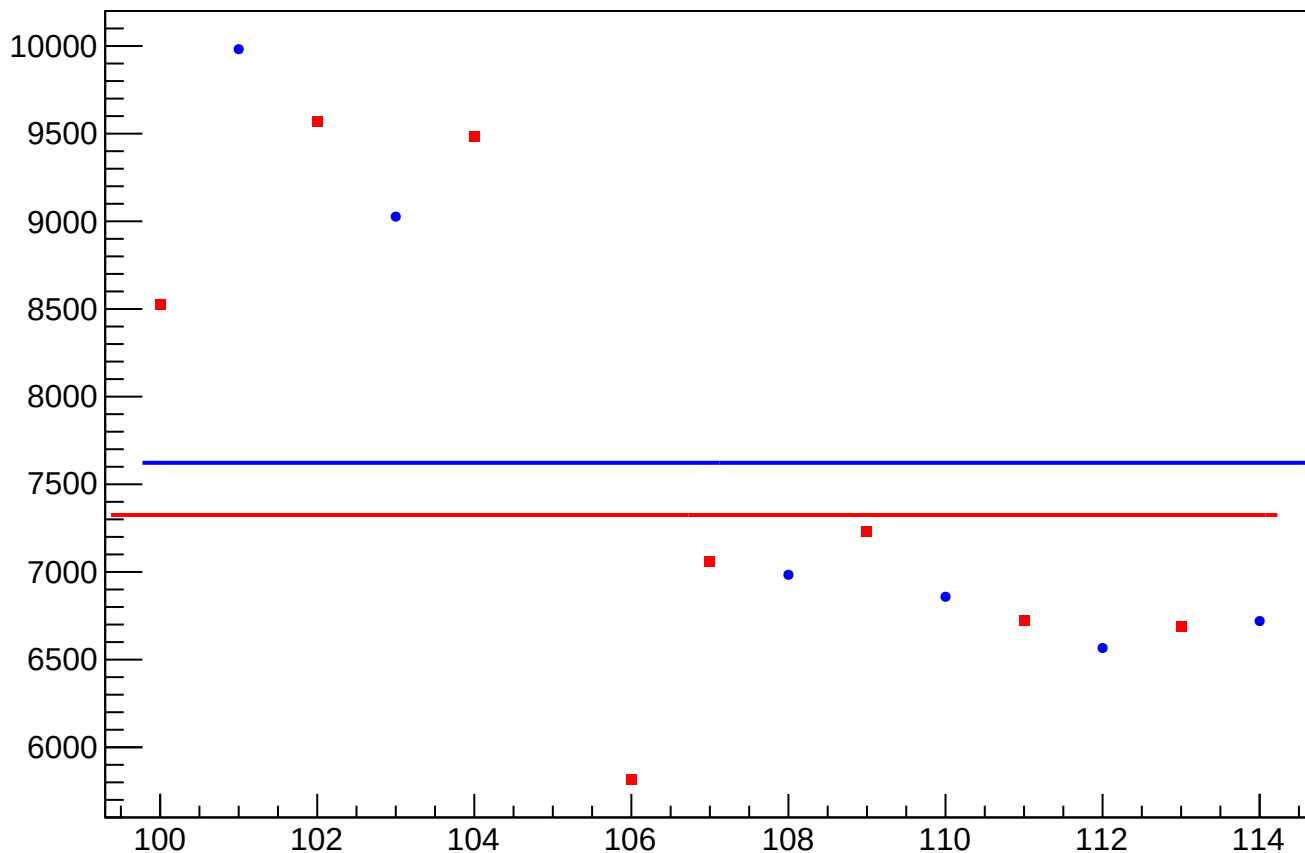
Right: 10.541+/-3.113 χ^2/NDF : 26.6/13

In: 16.287+/-4.763 χ^2/NDF : 13.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.541+/-3.113 χ^2/NDF : 26.6/13

diff_bpm0l08X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

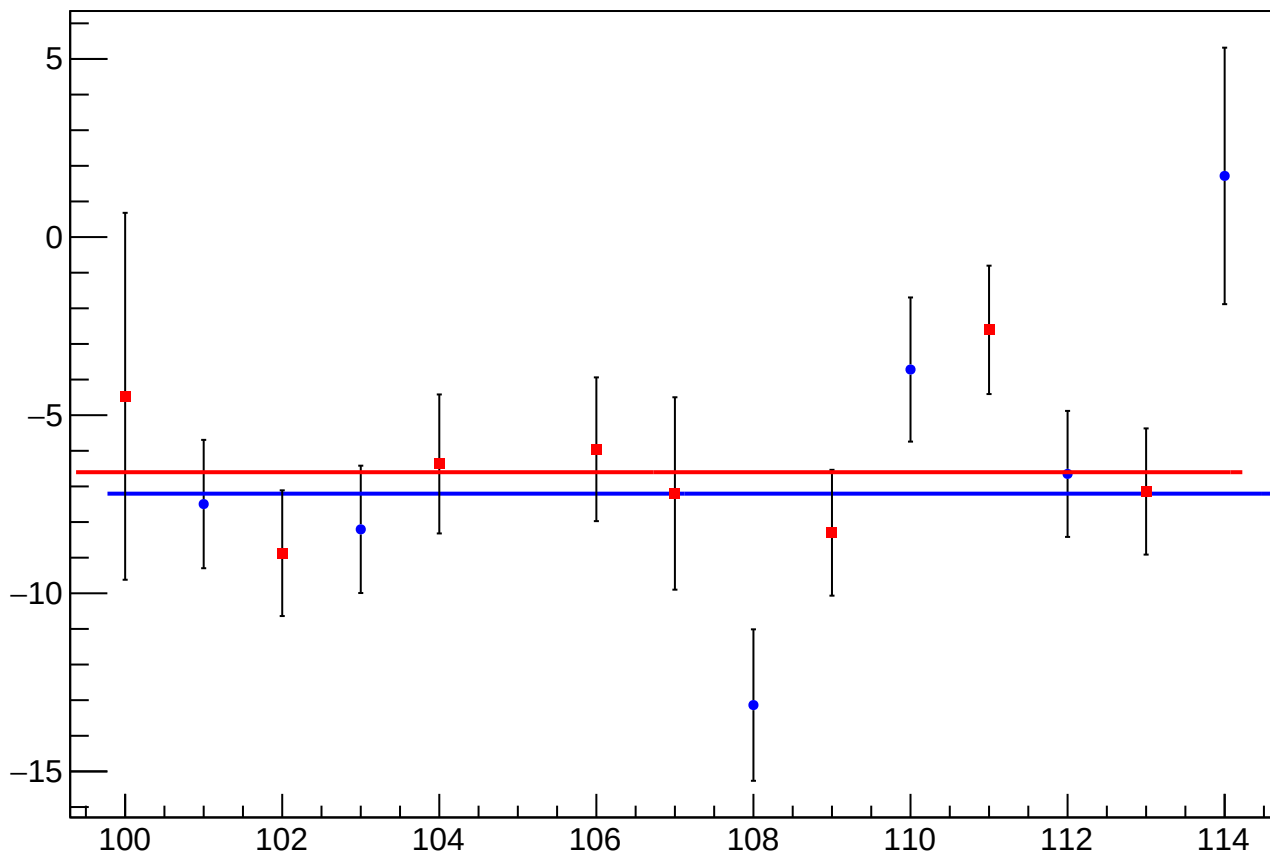
Right: 7452.155+/-2.201 χ^2/NDF : 340297.9/13

In: 7622.723+/-3.368 χ^2/NDF : 147947.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7452.155+/-2.201 χ^2/NDF : 340297.9/13

diff_bpm0l08Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

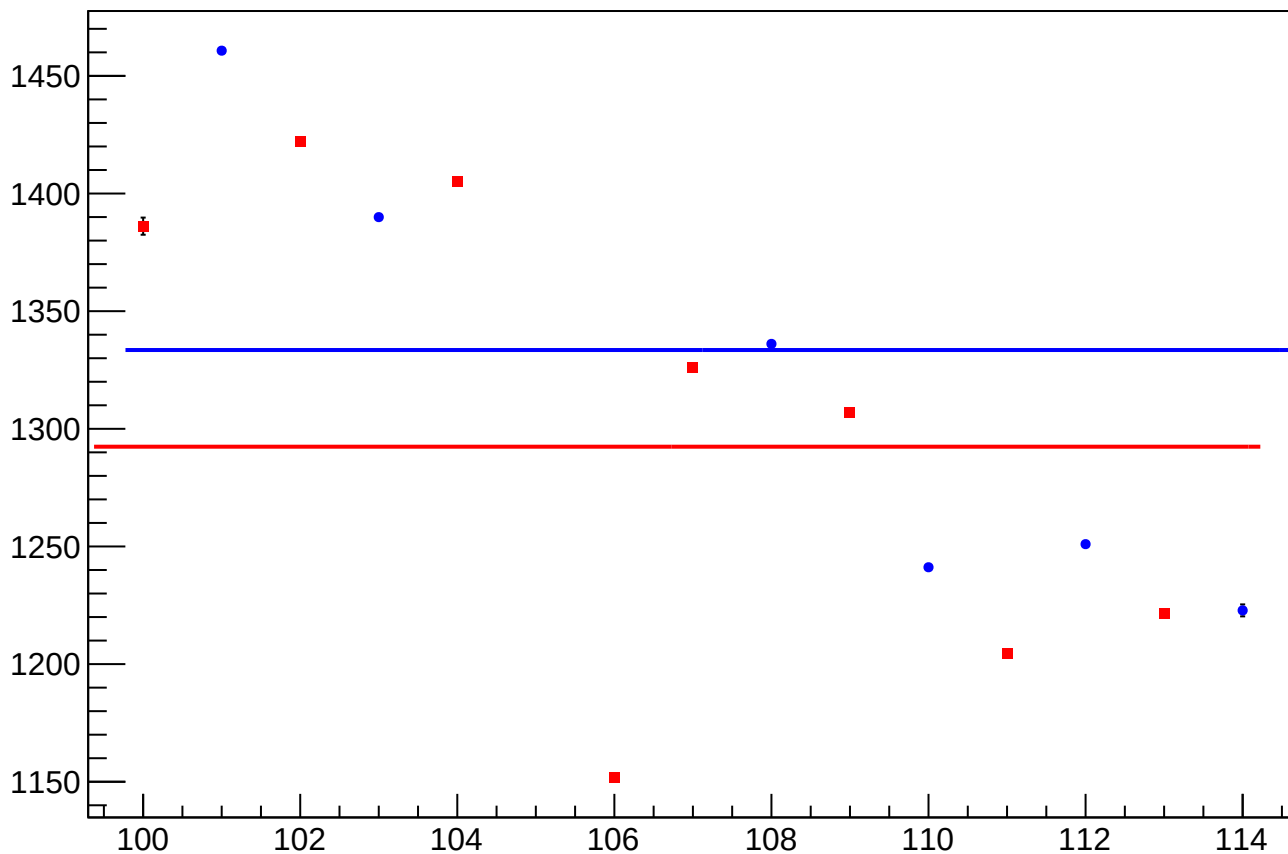
Right: -6.861+/-0.540 χ^2 /NDF: 25.6/13

In: -7.203+/-0.821 χ^2 /NDF:17.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.861+/-0.540 χ^2 /NDF: 25.6/13

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1333.491+/-0.581 χ^2/NDF : 22381.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.403+/-0.506 χ^2/NDF : 36259.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

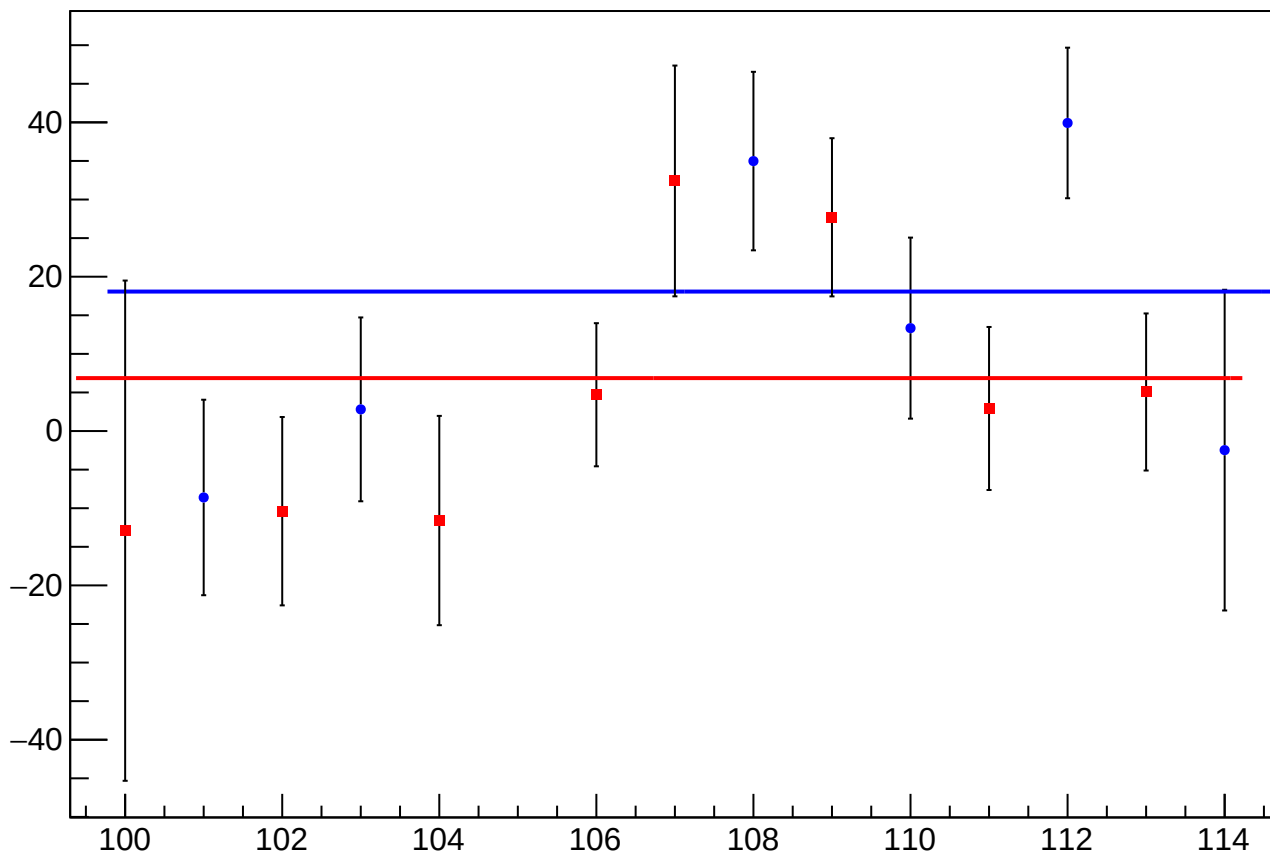
Right: 1310.146+/-0.382 χ^2/NDF : 61485.9/13

In: 1333.491+/-0.581 χ^2/NDF : 22381.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.146+/-0.382 χ^2/NDF : 61485.9/13

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 18.074+/-4.948 χ^2/NDF : 14.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.860+/-4.176 χ^2/NDF : 11.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

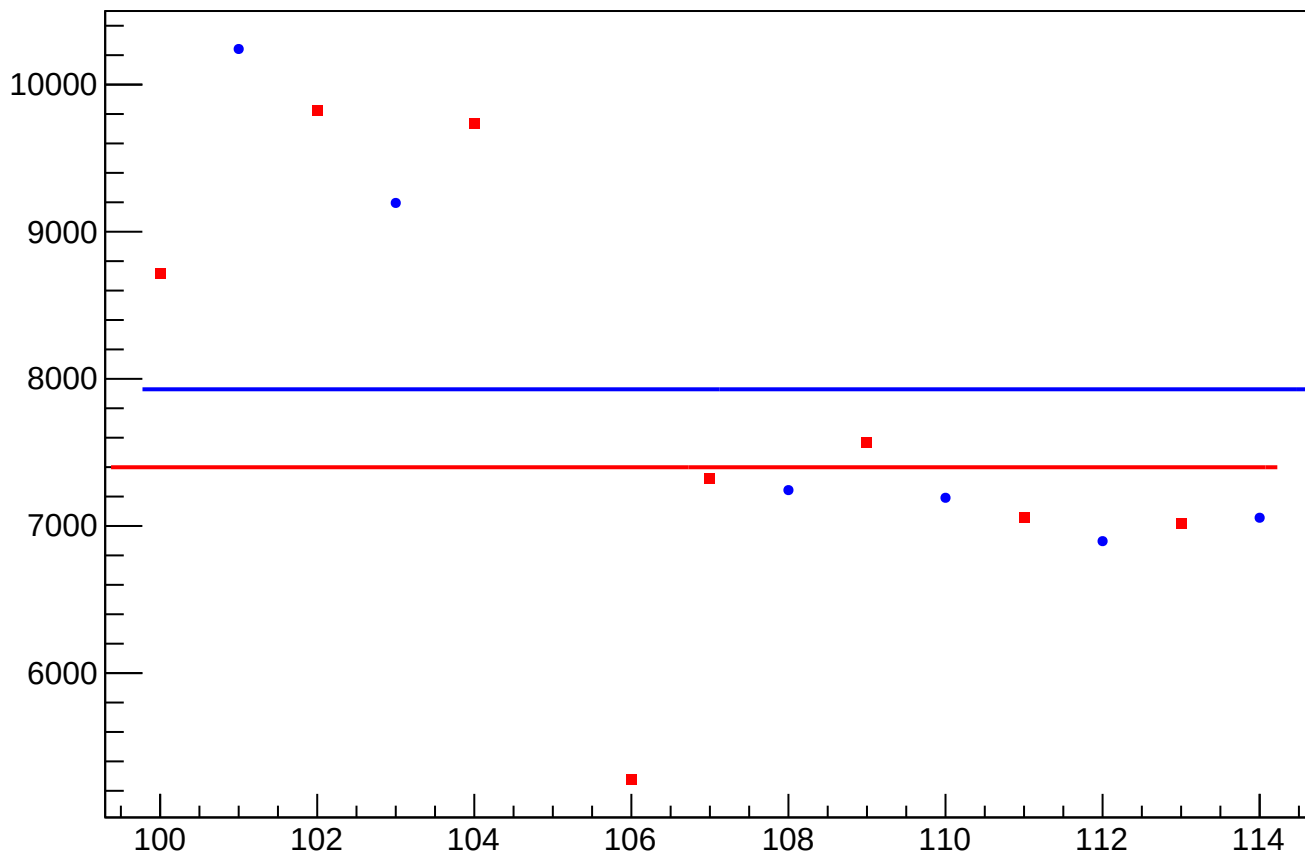
Right: 11.525+/-3.191 χ^2/NDF : 28.9/13

In: 18.074+/-4.948 χ^2/NDF : 14.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.525+/-3.191 χ^2/NDF : 28.9/13

diff_bpm0l09X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

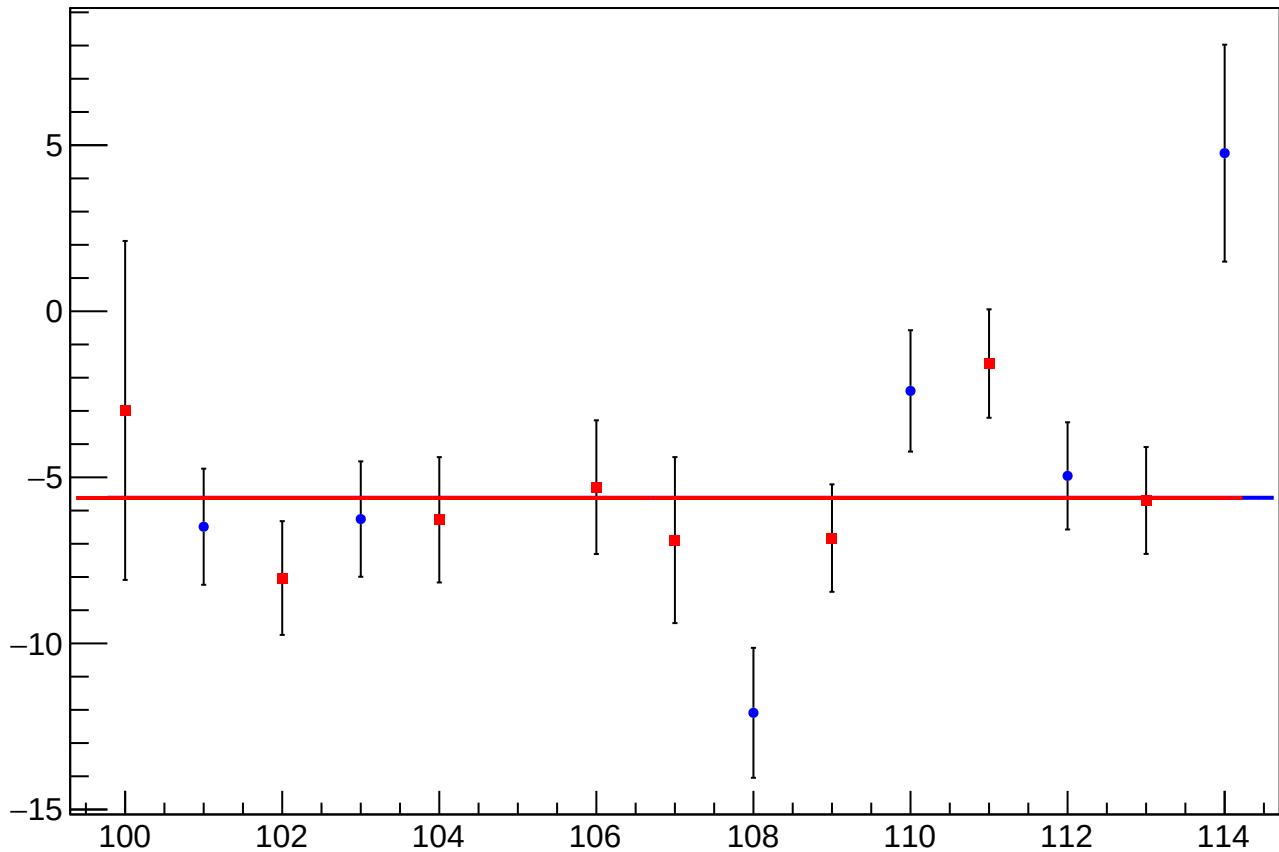
Right: 7619.600+/-2.257 χ^2/NDF : 395508.7/13

In: 7929.029+/-3.499 χ^2/NDF : 130155.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7619.600+/-2.257 χ^2/NDF : 395508.7/13

diff_bpm0l09Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

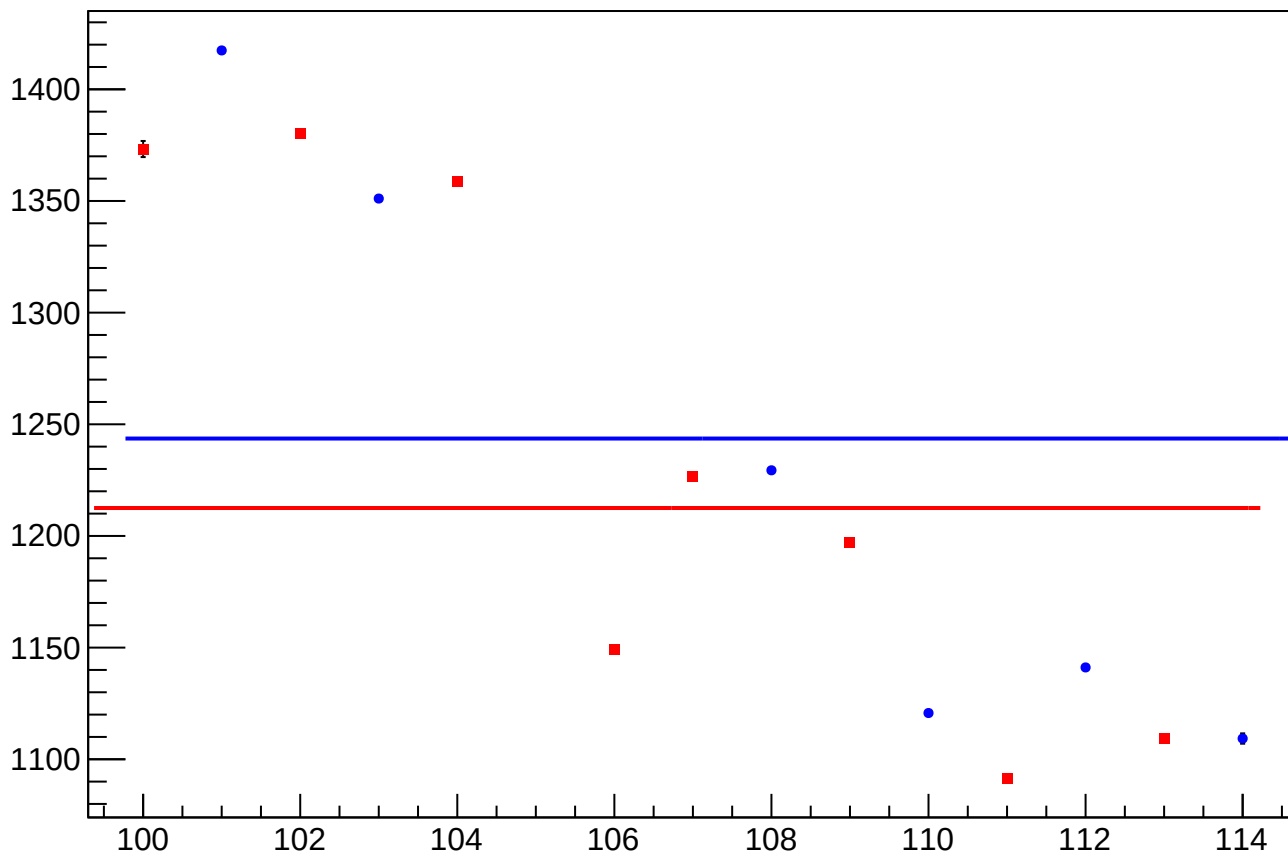
Right: -5.619+/-0.506 χ^2/NDF : 34.1/13

In: -5.615+/-0.768 χ^2/NDF : 24.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.619+/-0.506 χ^2/NDF : 34.1/13

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1243.620+/-0.543 χ^2/NDF : 48032.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.513+/-0.476 χ^2/NDF : 54632.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

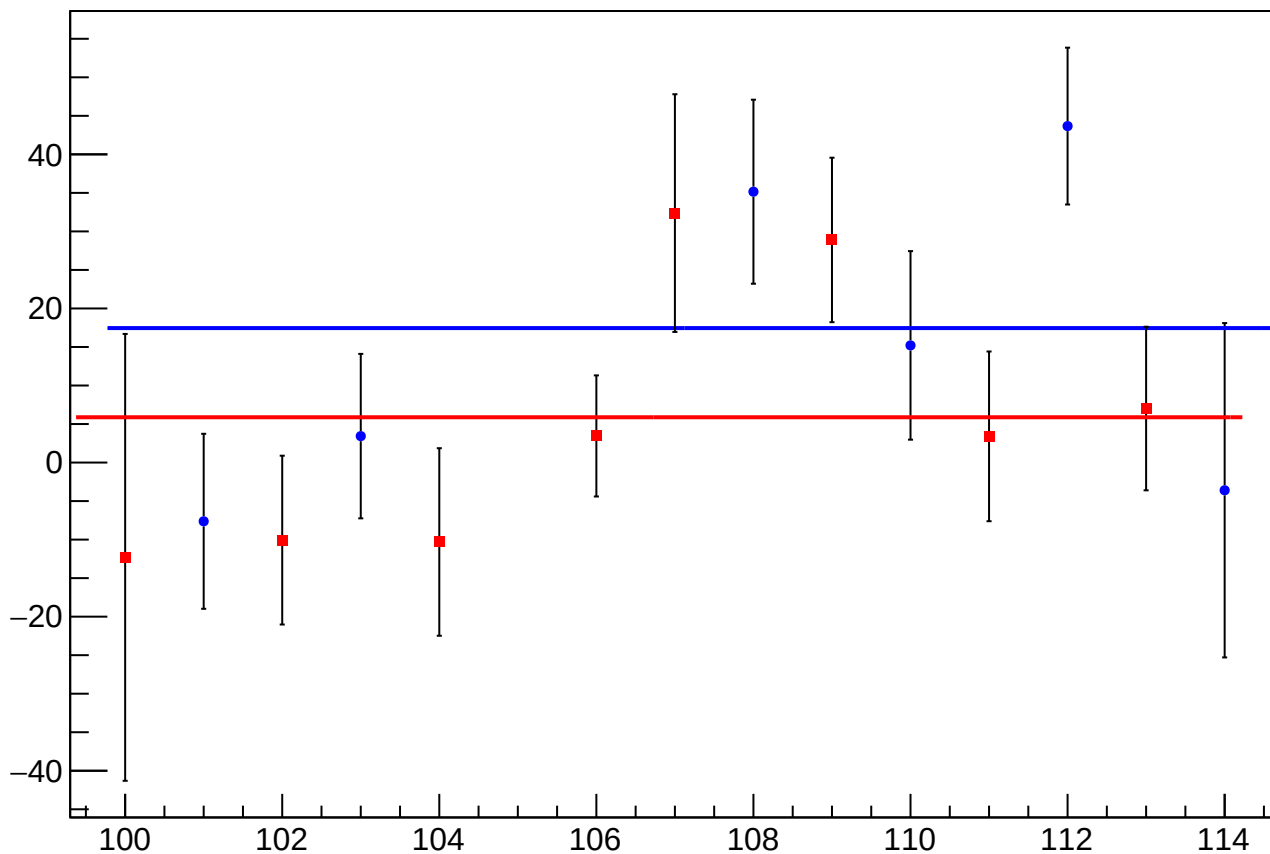
Right: 1226.022+/-0.358 χ^2/NDF : 104522.8/13

In: 1243.620+/-0.543 χ^2/NDF : 48032.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1226.022+/-0.358 χ^2/NDF : 104522.8/13

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 17.452+/-4.879 χ^2/NDF : 16.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.879+/-3.998 χ^2/NDF : 12.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

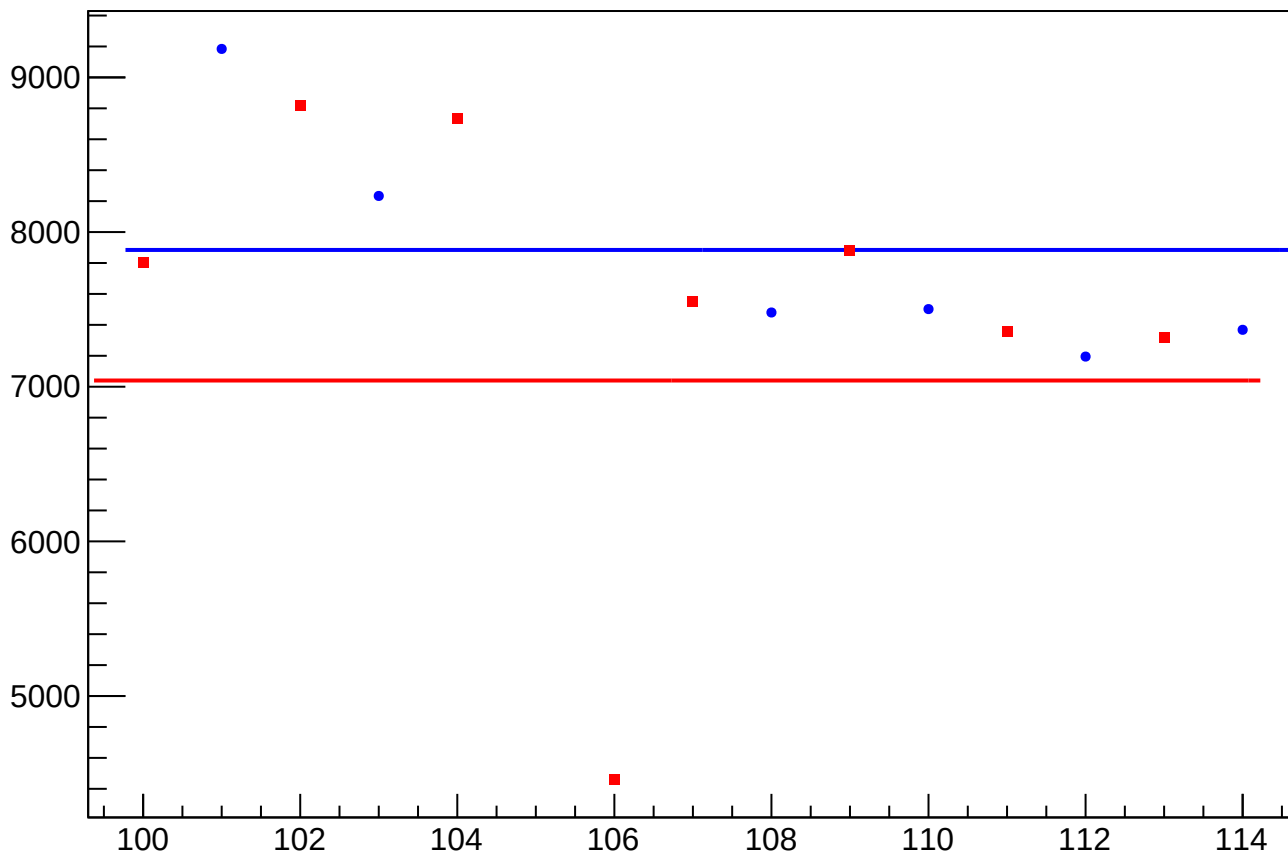
Right: 10.528+/-3.093 χ^2/NDF : 31.8/13

In: 17.452+/-4.879 χ^2/NDF : 16.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.528+/-3.093 χ^2/NDF : 31.8/13

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7884.368+/-3.450 χ^2/NDF : 42902.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7040.147+/-2.827 χ^2/NDF : 326492.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

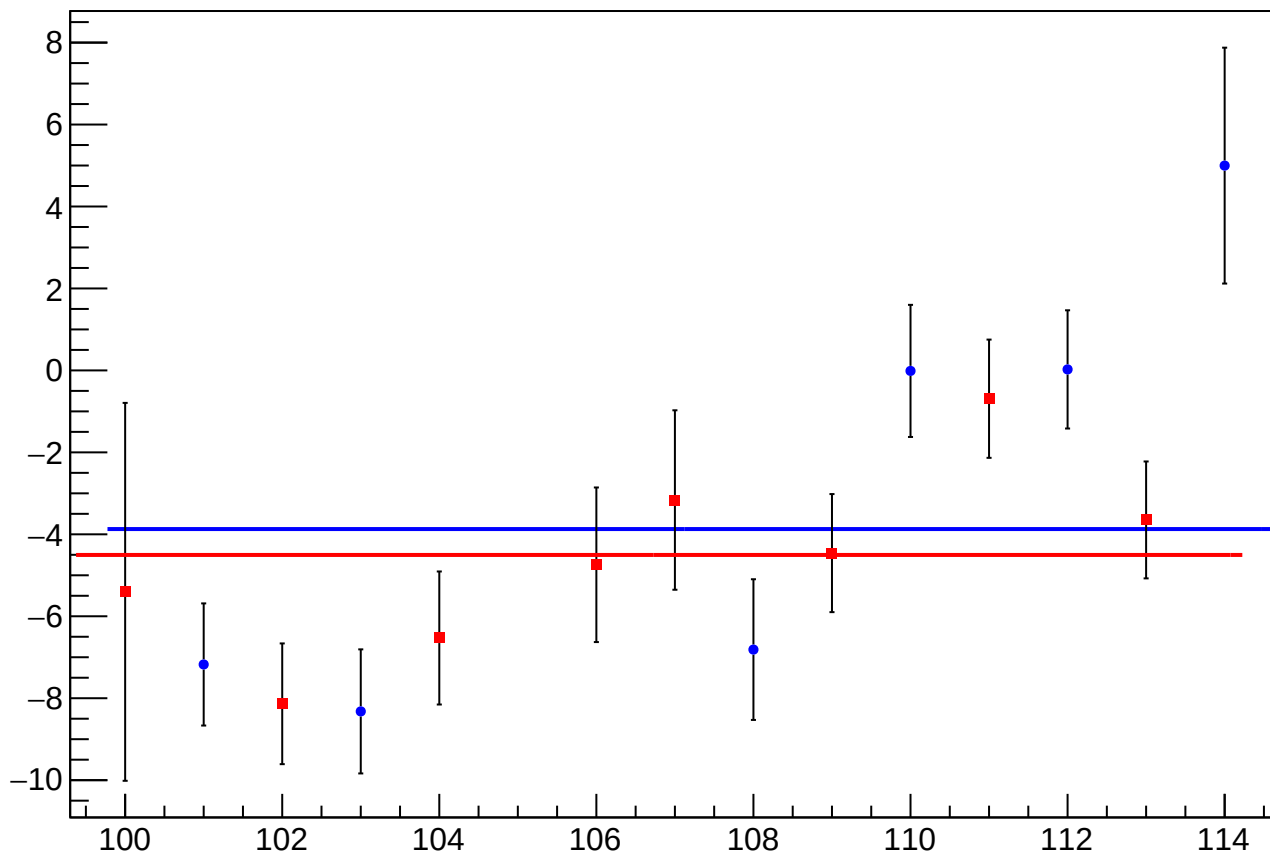
Right: 7379.281+/-2.187 χ^2/NDF : 405217.6/13

In: 7884.368+/-3.450 χ^2/NDF : 42902.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7379.281+/-2.187 χ^2/NDF : 405217.6/13

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.872 $\pm$ 0.672 χ^2 /NDF: 39.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.503 $\pm$ 0.594 χ^2 /NDF: 15.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

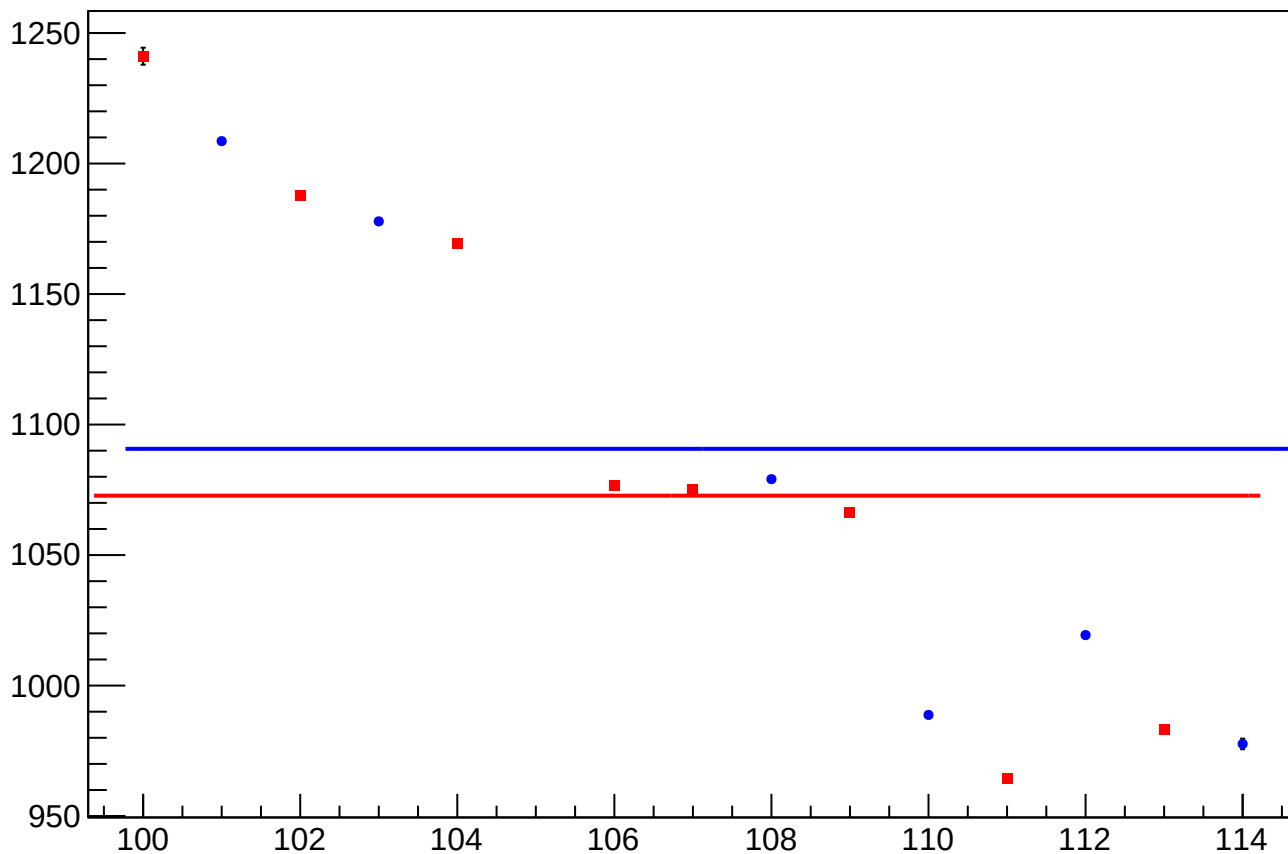
Right: -4.226 $\pm$ 0.445 χ^2 /NDF: 54.9/13

In: -3.872 $\pm$ 0.672 χ^2 /NDF:39.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.226 $\pm$ 0.445 χ^2 /NDF: 54.9/13

diff_bpm0l10Y_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

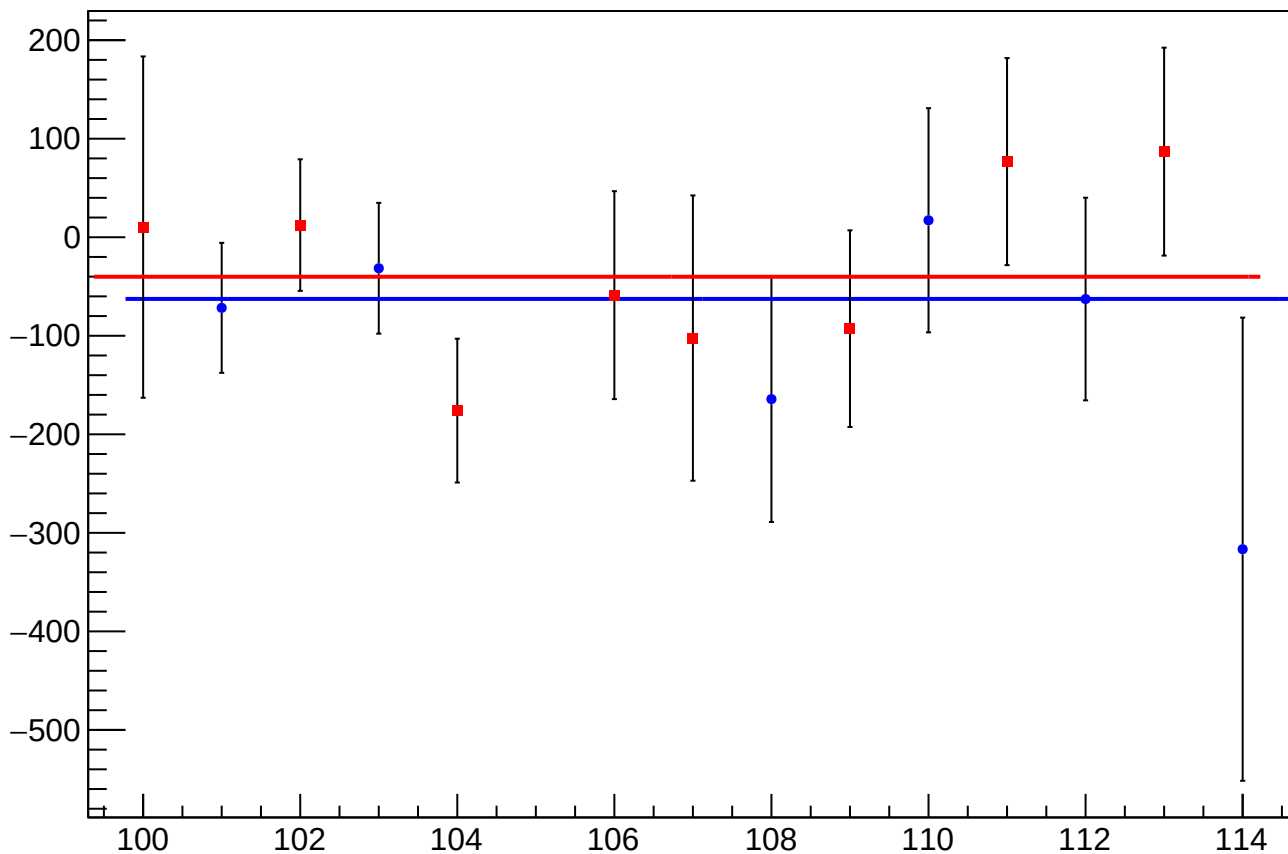
Right: 1080.631 $\pm$ 0.315 χ^2 /NDF: 77095.7/13

In: 1090.702 $\pm$ 0.475 χ^2 /NDF: 35203.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1080.631 $\pm$ 0.315 χ^2 /NDF: 77095.7/13

diff_bpm0r03X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

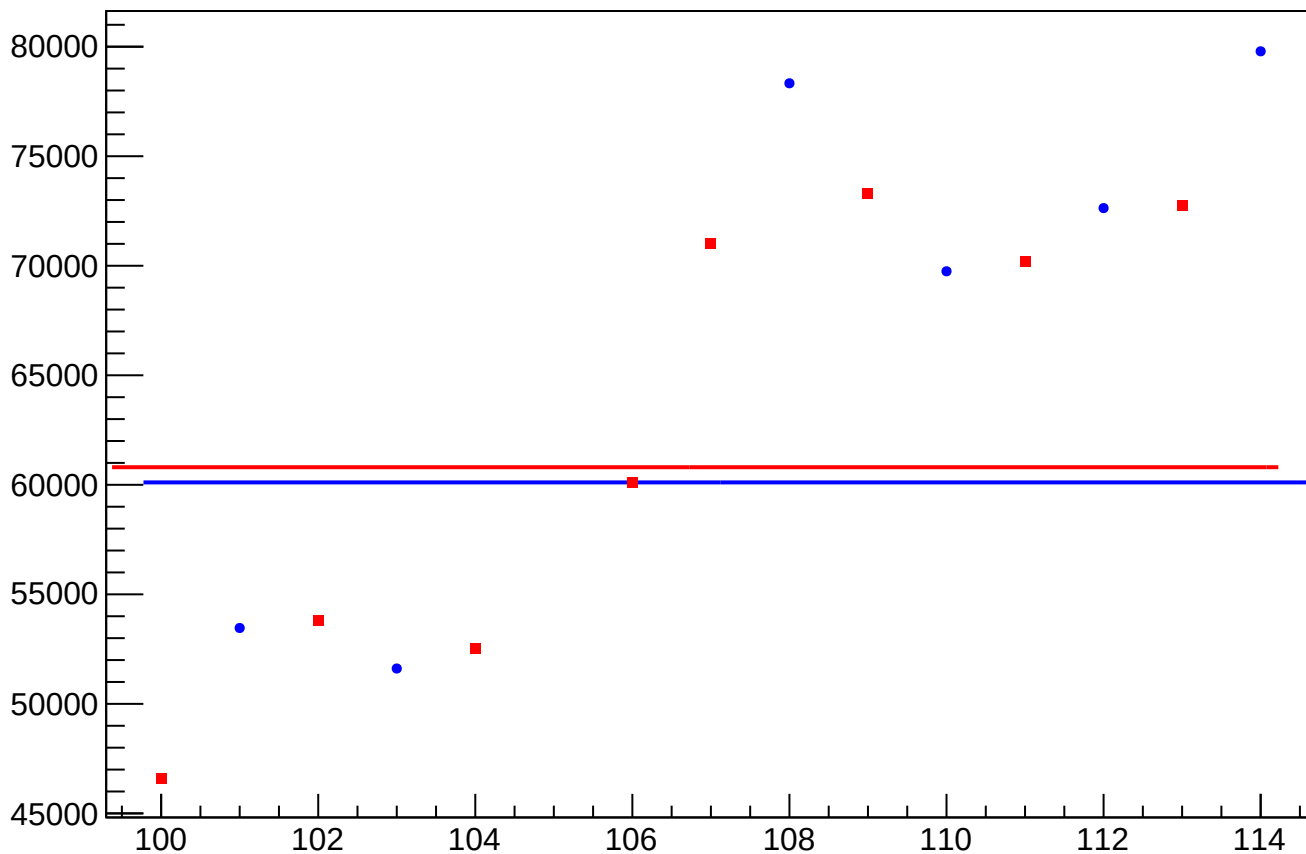
Right: -50.254+/-25.197 χ^2/NDF : 10.1/13

In: -62.589+/-37.496 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.254+/-25.197 χ^2/NDF : 10.1/13

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 60109.851+/-26.514 χ^2/NDF : 153823.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60803.146+/-24.059 χ^2/NDF : 144412.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

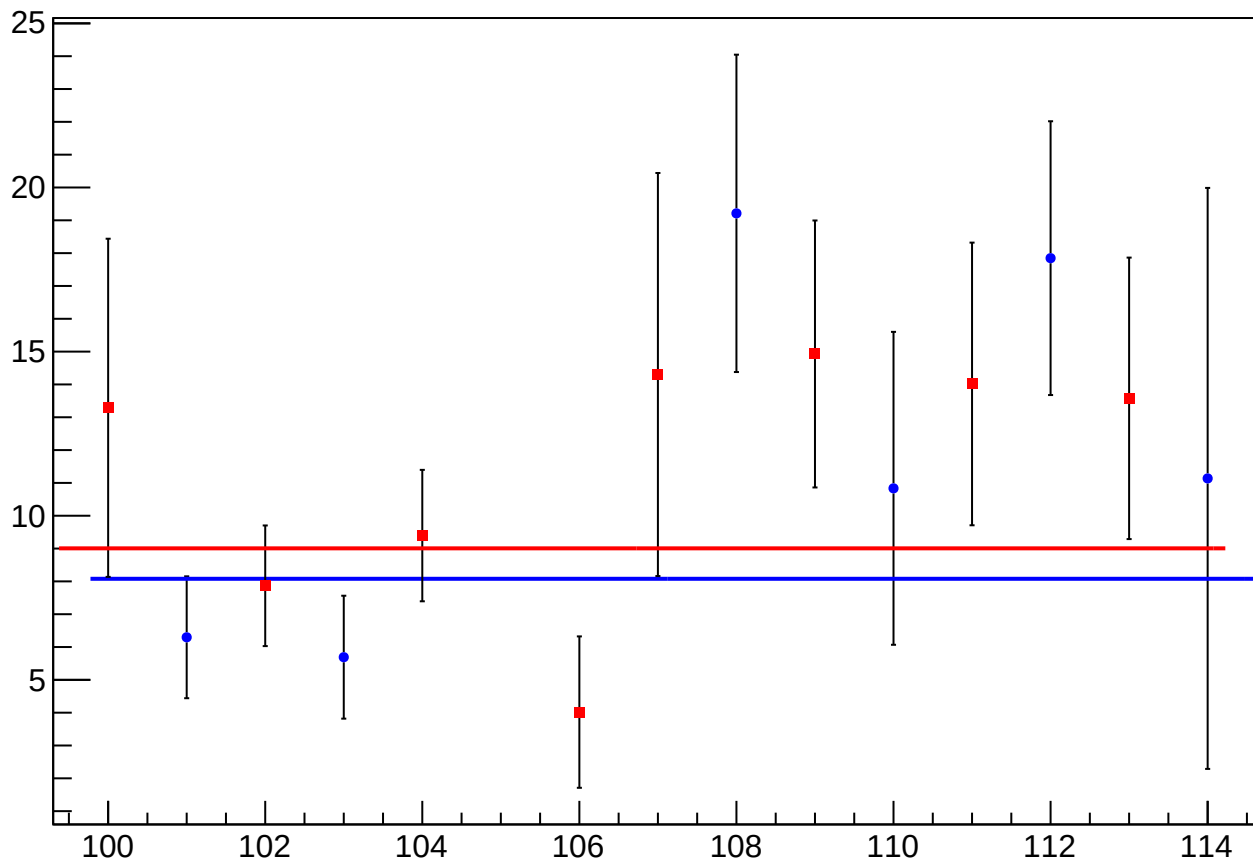
Right: 60490.065+/-17.817 χ^2/NDF : 298610.9/13

In: 60109.851+/-26.514 χ^2/NDF : 153823.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60490.065+/-17.817 χ^2/NDF : 298610.9/13

diff_bpm0r03Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

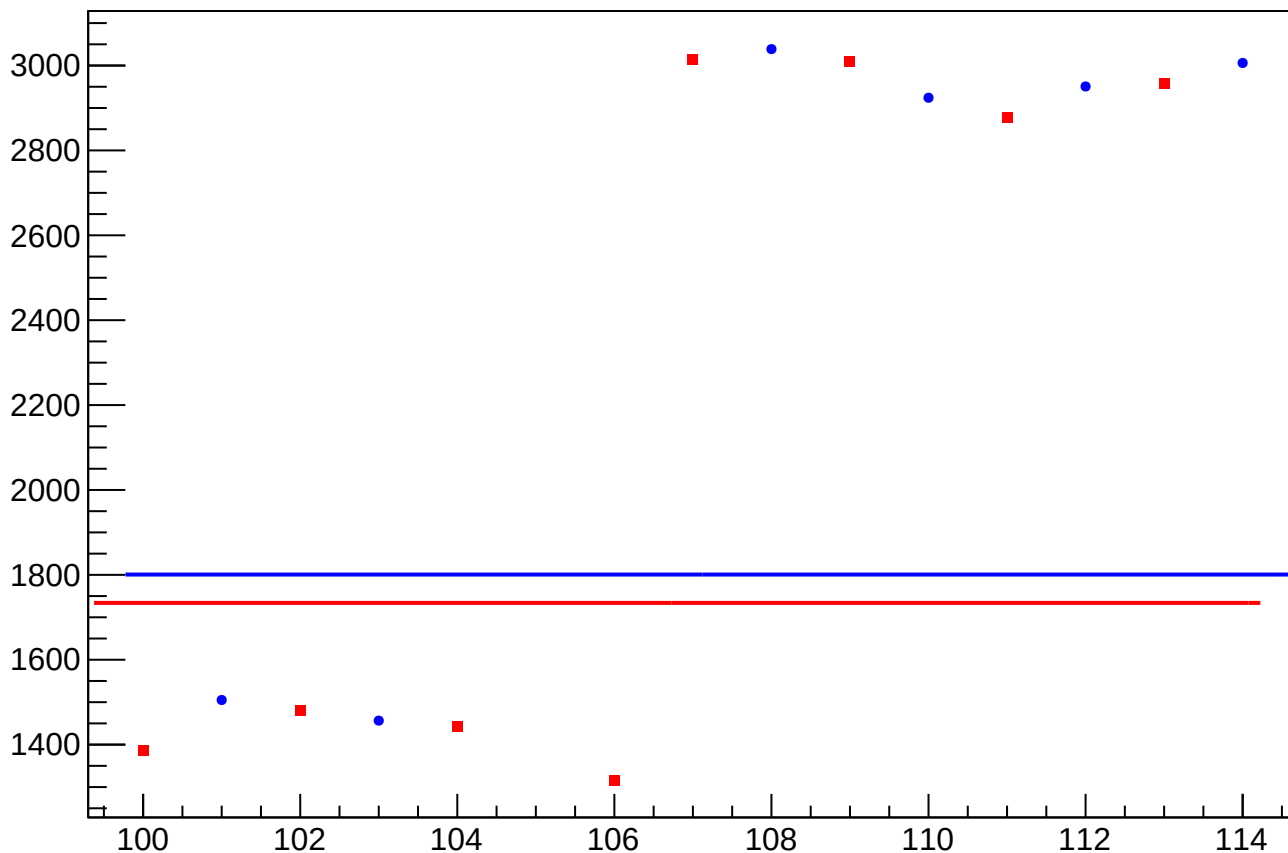
Right: 8.607+/-0.767 χ^2/NDF : 25.3/13

In: 8.079+/-1.168 χ^2/NDF : 13.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.607+/-0.767 χ^2/NDF : 25.3/13

diff_bpm0r03Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

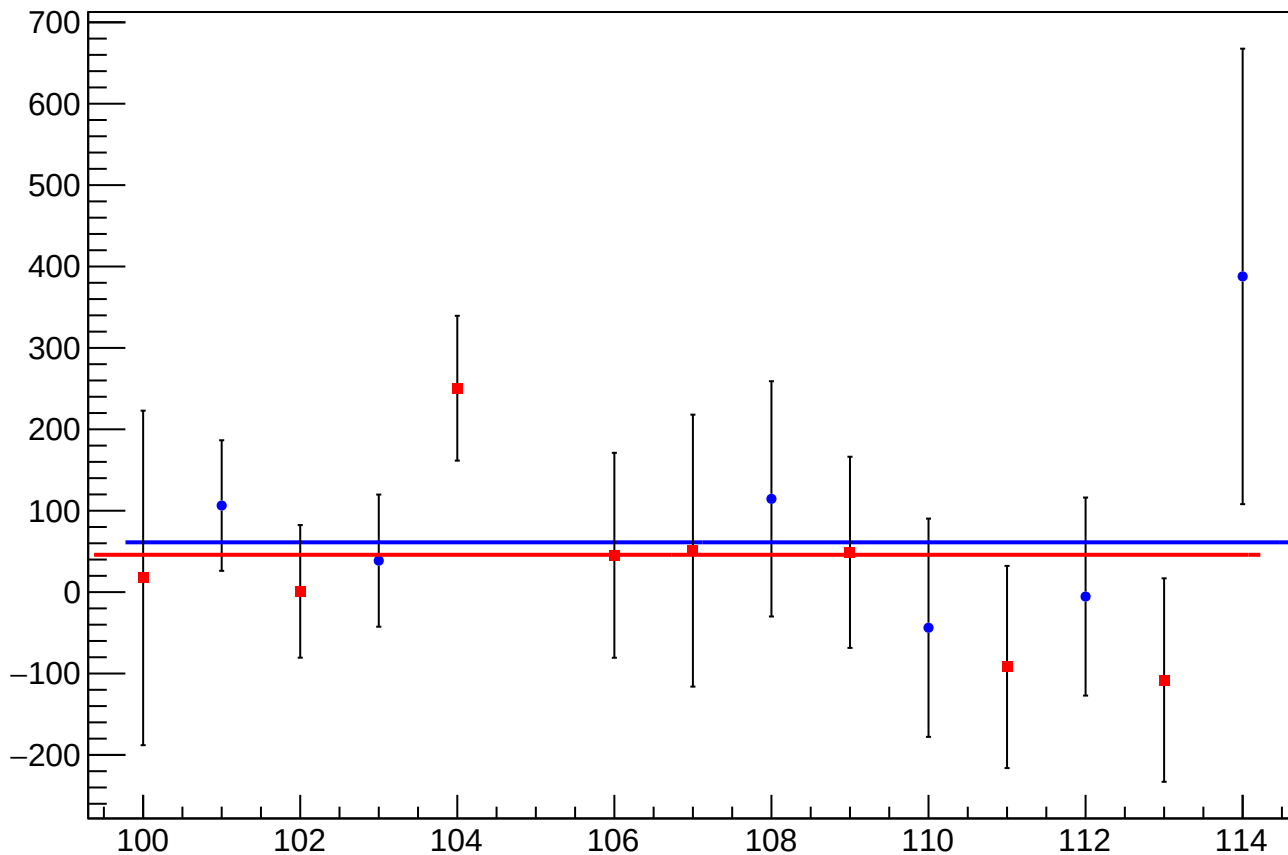
Right: 1762.701+/-0.542 χ^2/NDF : 1296273.5/13

In: 1800.694+/-0.826 χ^2/NDF : 549689.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.701+/-0.542 χ^2/NDF : 1296273.5/13

diff_bpm0r05X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

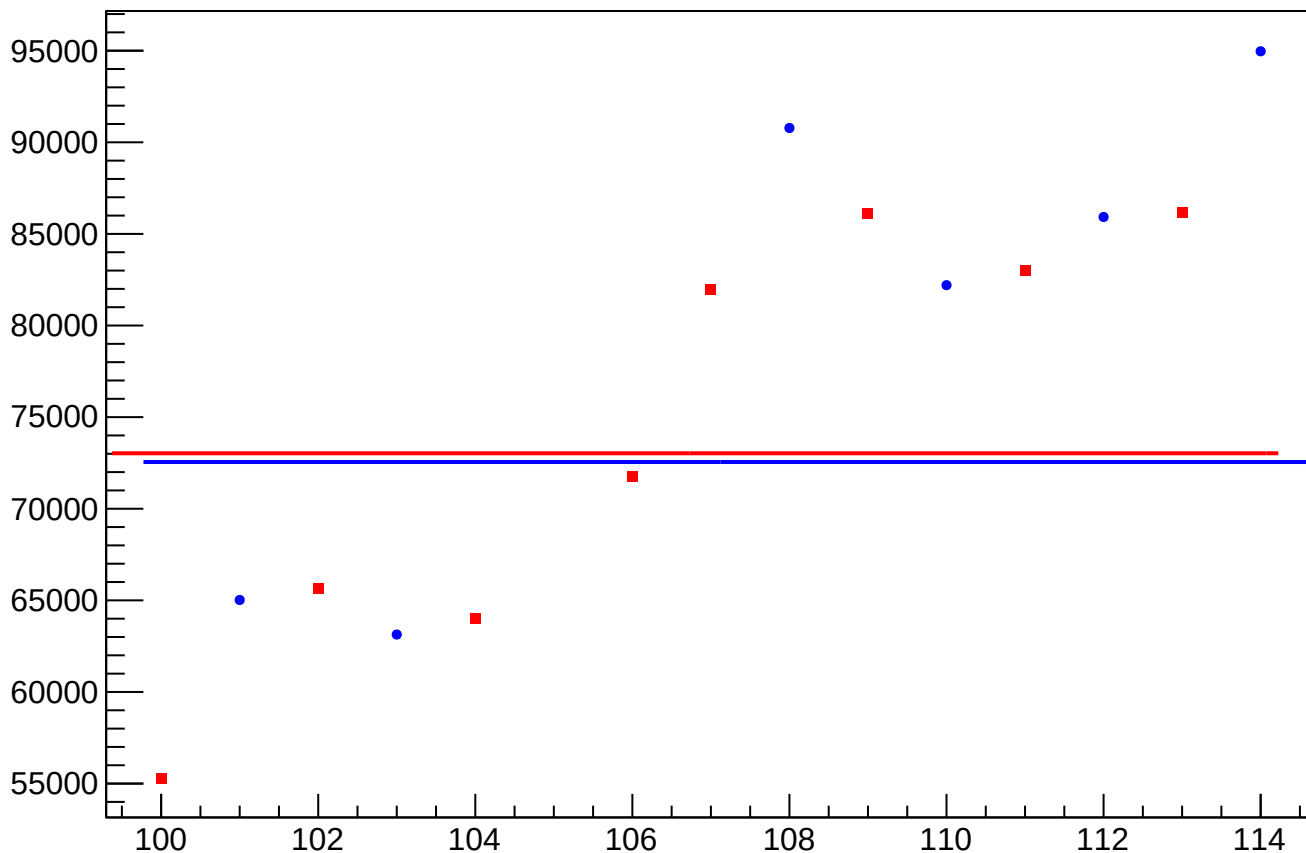
Right: 52.744+/-30.260 χ^2/NDF : 11.2/13

In: 61.177+/-45.128 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.744+/-30.260 χ^2/NDF : 11.2/13

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 72550.570+/-31.910 χ^2/NDF : 123722.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73027.138+/-28.842 χ^2/NDF : 117819.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

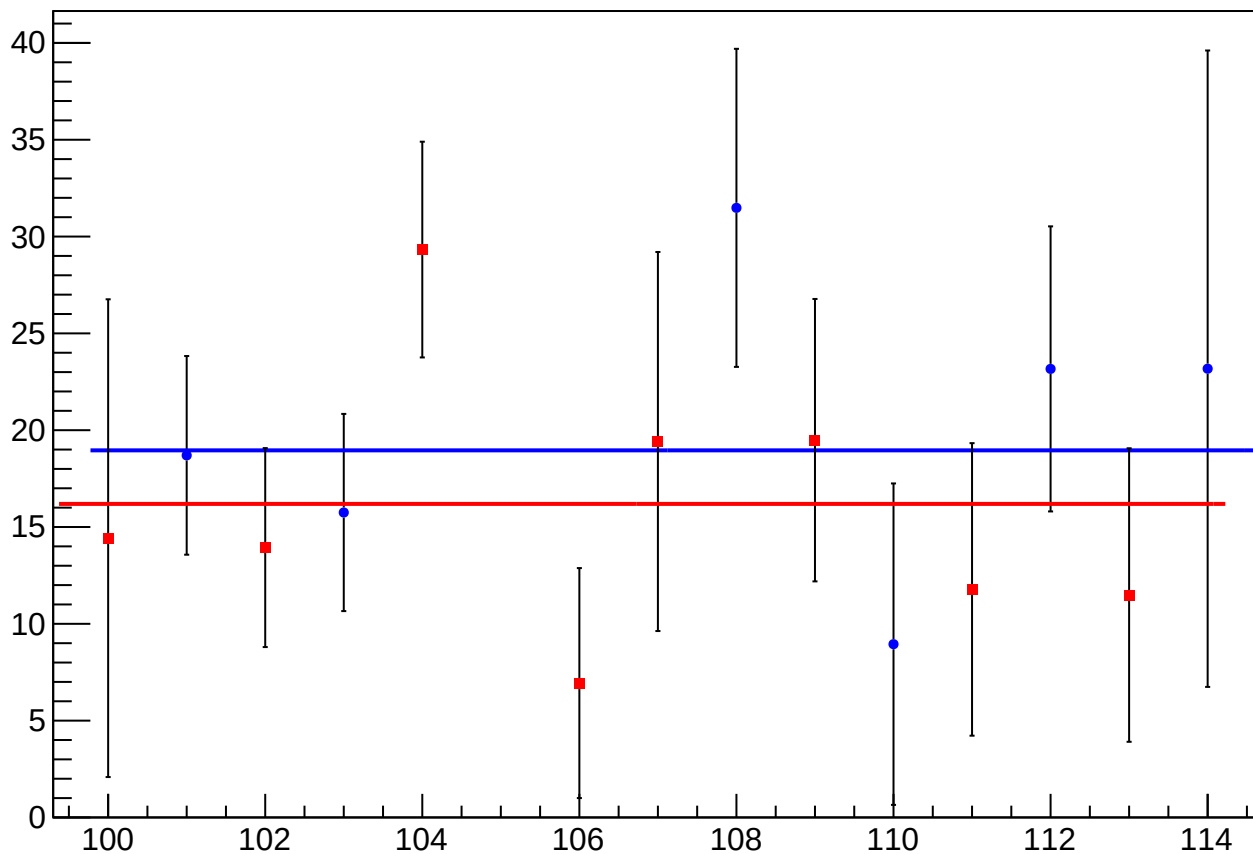
Right: 72812.864+/-21.397 χ^2/NDF : 241665.1/13

In: 72550.570+/-31.910 χ^2/NDF : 123722.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72812.864+/-21.397 χ^2/NDF : 241665.1/13

diff_bpm0r05Y_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

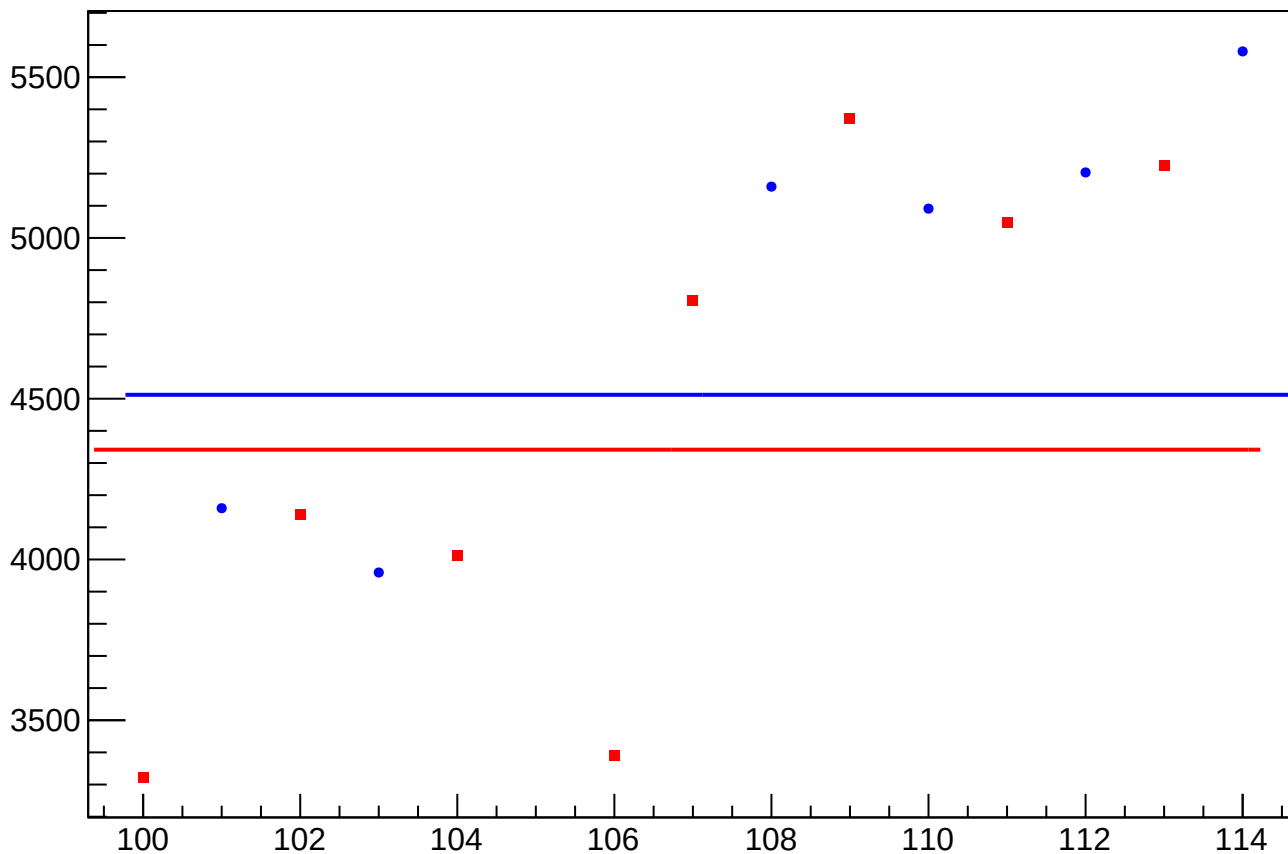
Right: 17.384 $\pm$ 1.834 χ^2 /NDF: 14.4/13

In: 18.959 $\pm$ 2.794 χ^2 /NDF: 4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.384 $\pm$ 1.834 χ^2 /NDF: 14.4/13

diff_bpm0r05Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

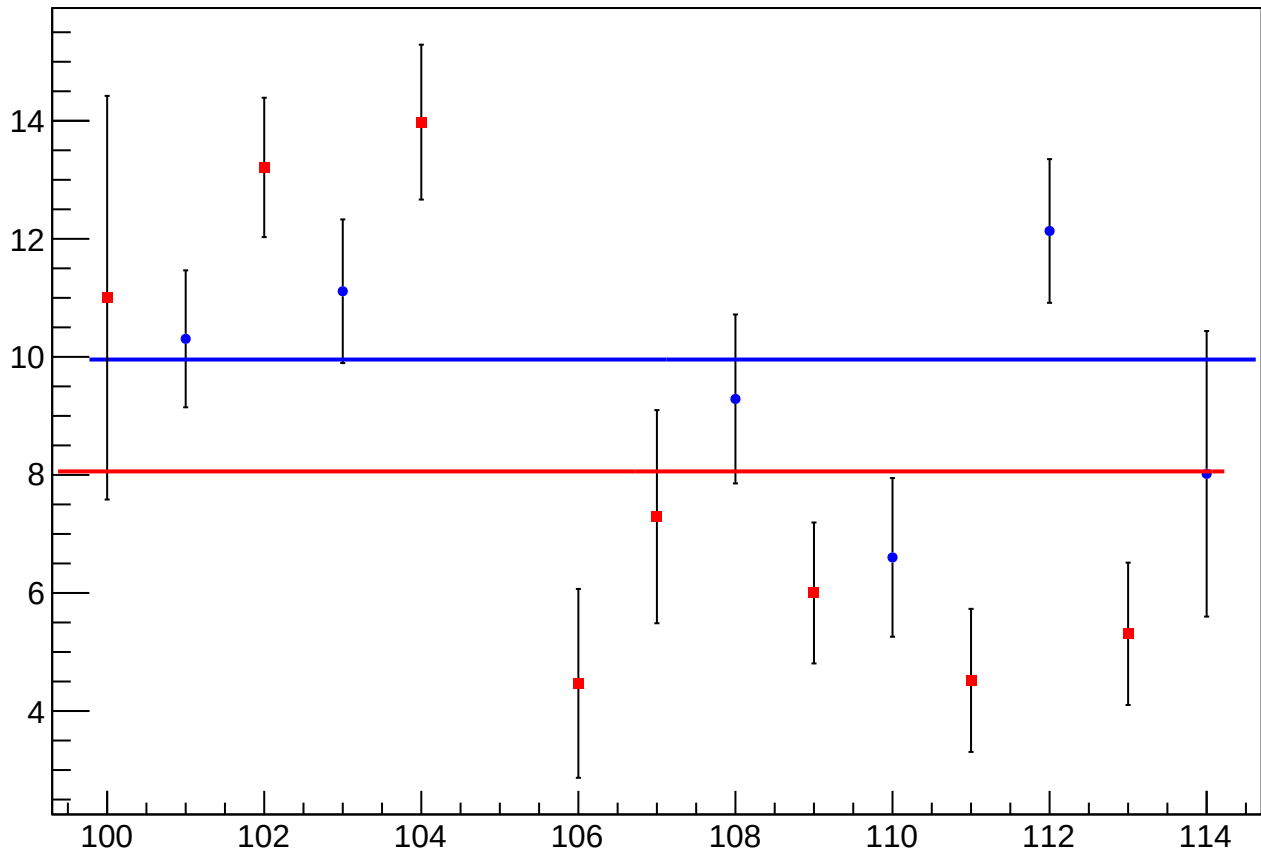
Right: 4415.000+/-1.297 χ^2/NDF : 249926.3/13

In: 4512.165+/-1.976 χ^2/NDF : 81272.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4415.000+/-1.297 χ^2/NDF : 249926.3/13

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.955+/-0.550 χ^2/NDF : 11.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.059+/-0.491 χ^2/NDF : 62.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

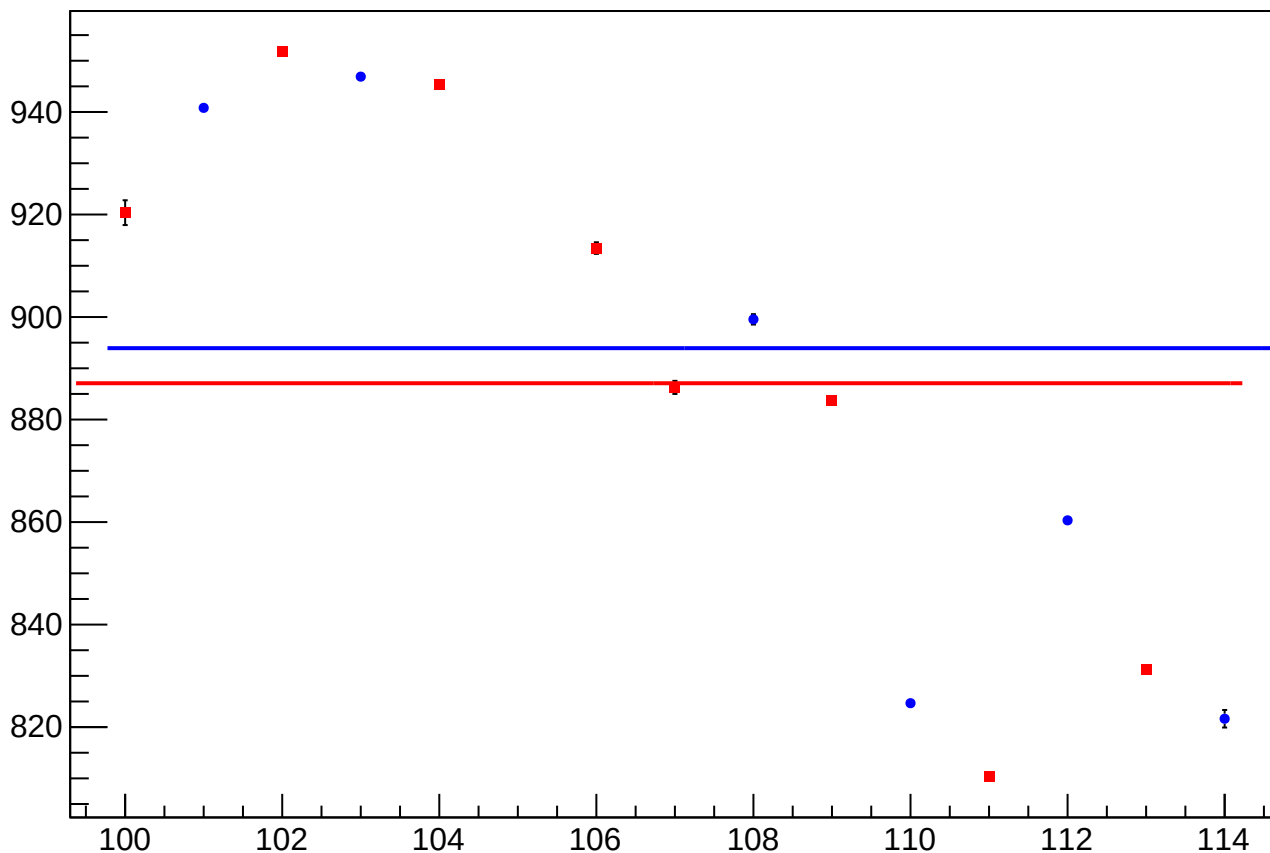
Right: 8.900+/-0.366 χ^2/NDF : 79.9/13

In: 9.955+/-0.550 χ^2/NDF : 11.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.900+/-0.366 χ^2/NDF : 79.9/13

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 893.927+/-0.389 χ^2/NDF : 15703.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 887.085+/-0.347 χ^2/NDF : 22989.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

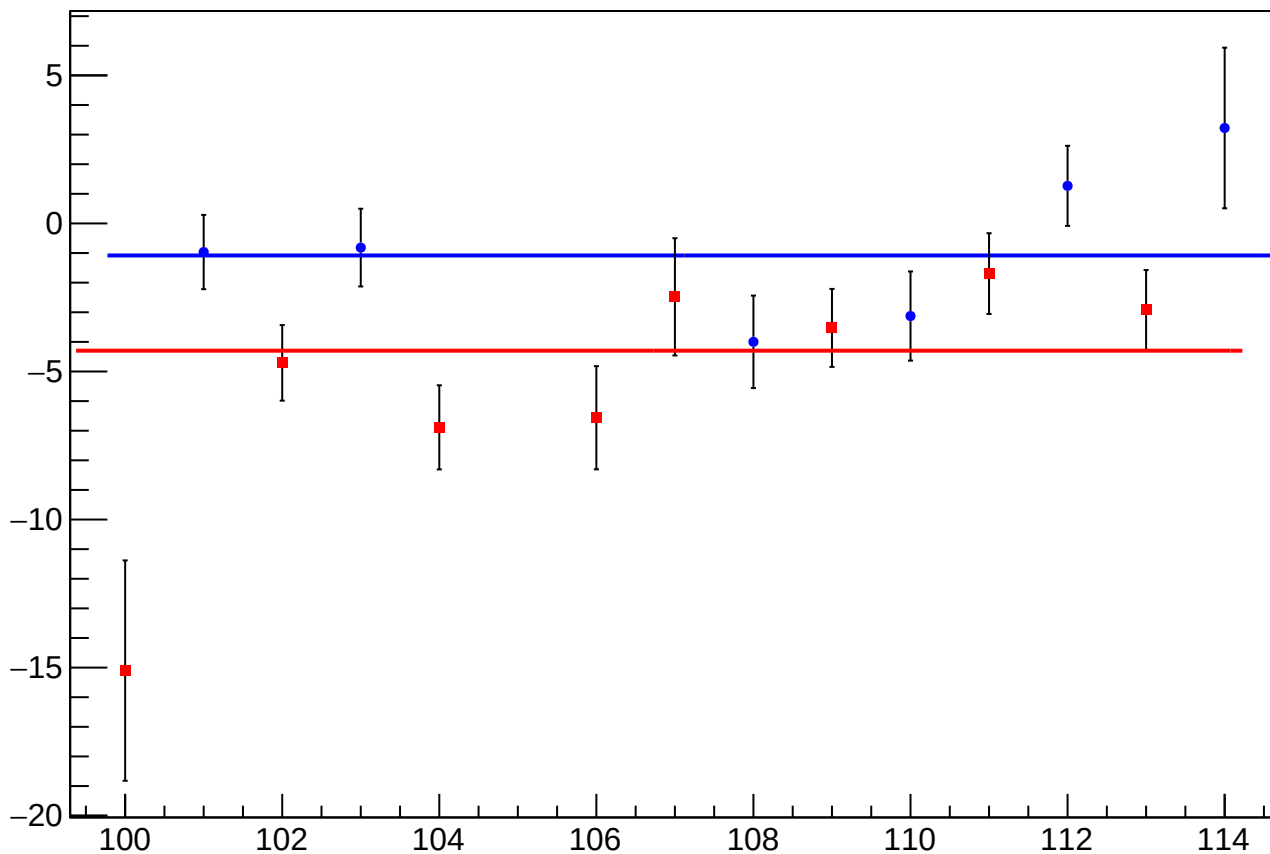
Right: 890.118+/-0.259 χ^2/NDF : 38864.6/13

In: 893.927+/-0.389 χ^2/NDF : 15703.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.118+/-0.259 χ^2/NDF : 38864.6/13

diff_bpm2i01Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

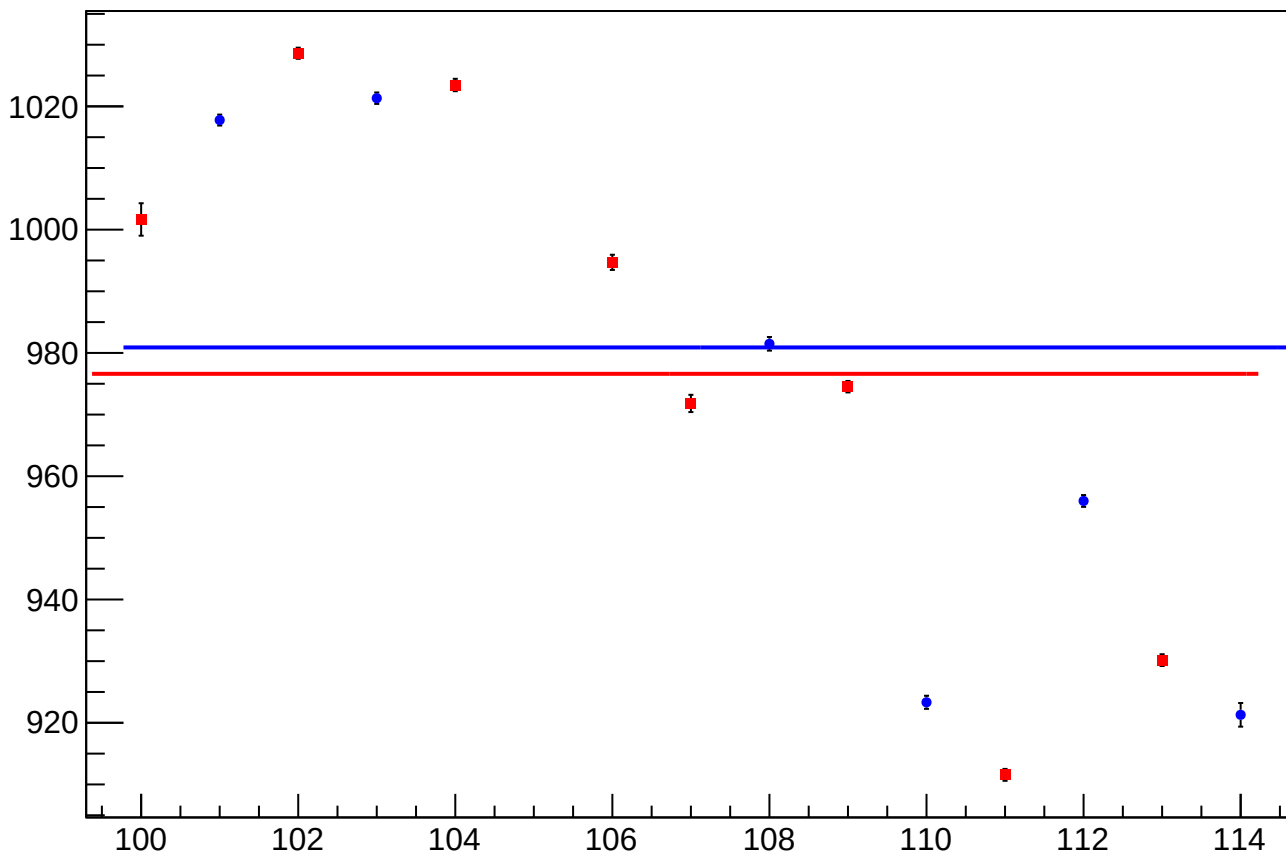
Right: -2.867+/-0.402 χ^2/NDF : 46.1/13

In: -1.082+/-0.603 χ^2/NDF :10.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.867+/-0.402 χ^2/NDF : 46.1/13

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 980.893+/-0.426 χ^2/NDF : 8193.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.611+/-0.382 χ^2/NDF : 12742.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

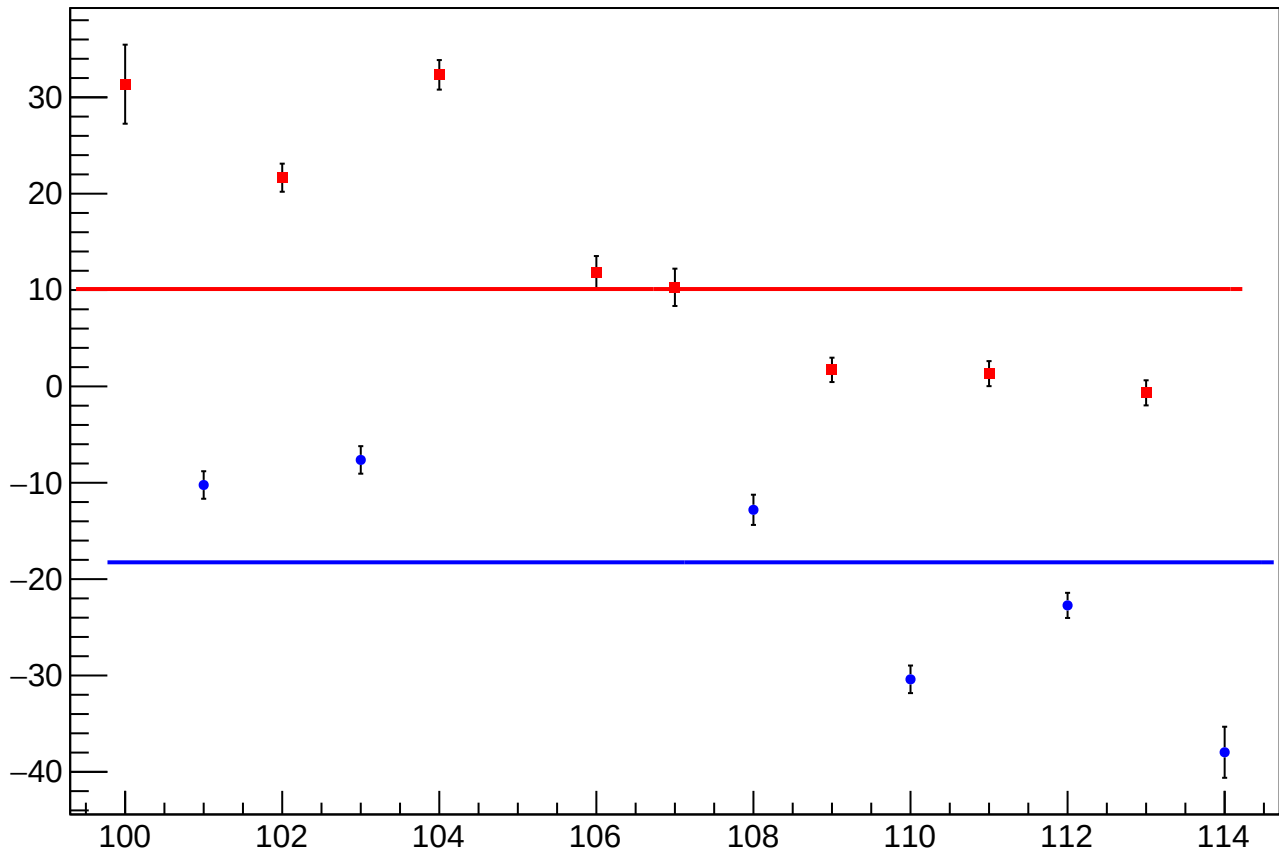
Right: 978.516+/-0.284 χ^2/NDF : 20992.1/13

In: 980.893+/-0.426 χ^2/NDF : 8193.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.516+/-0.284 χ^2/NDF : 20992.1/13

diff_bpm2i02X_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

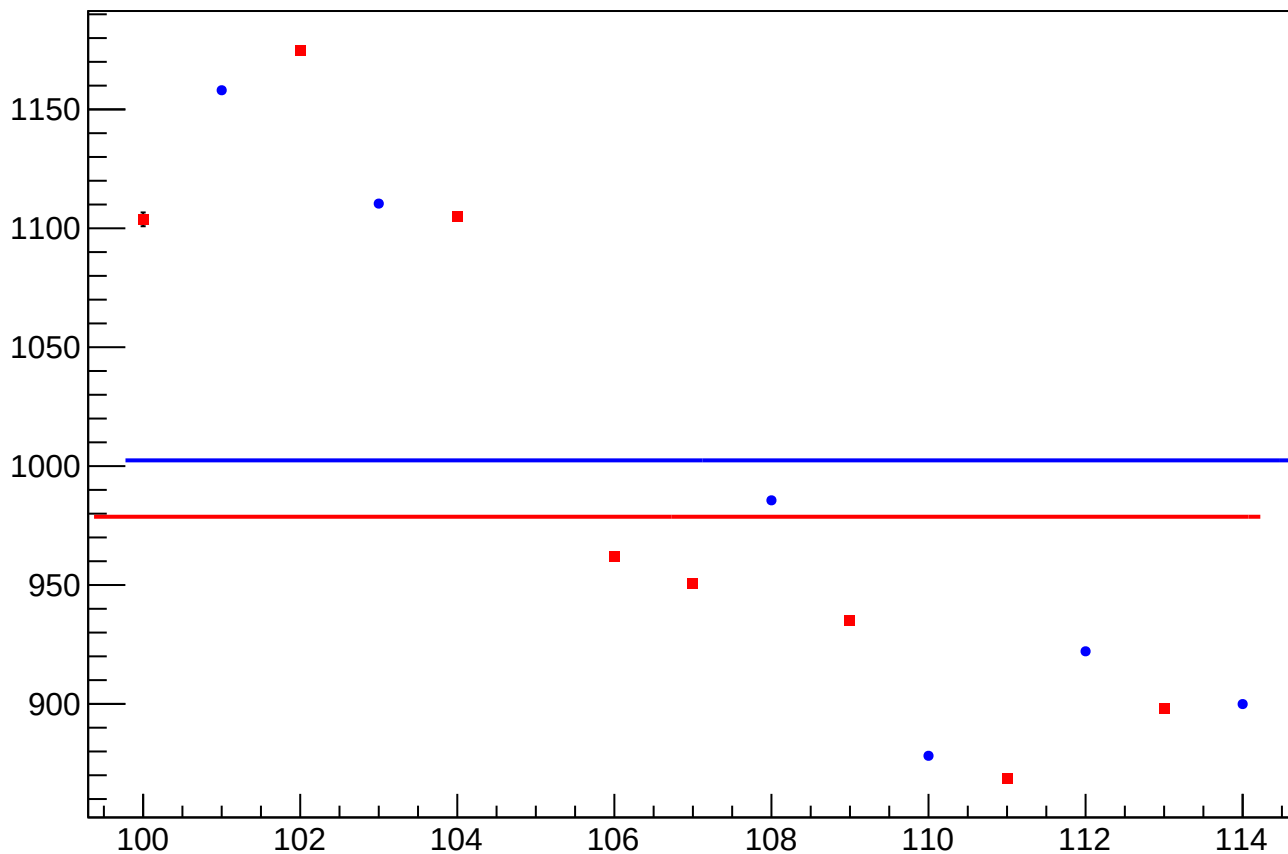
Right: -2.237 ± 0.409 χ^2/NDF : 1880.6/13

In: -18.255 ± 0.619 χ^2/NDF : 238.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.237 ± 0.409 χ^2/NDF : 1880.6/13

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1002.417+/-0.438 χ^2/NDF : 61055.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.709+/-0.385 χ^2/NDF : 76710.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

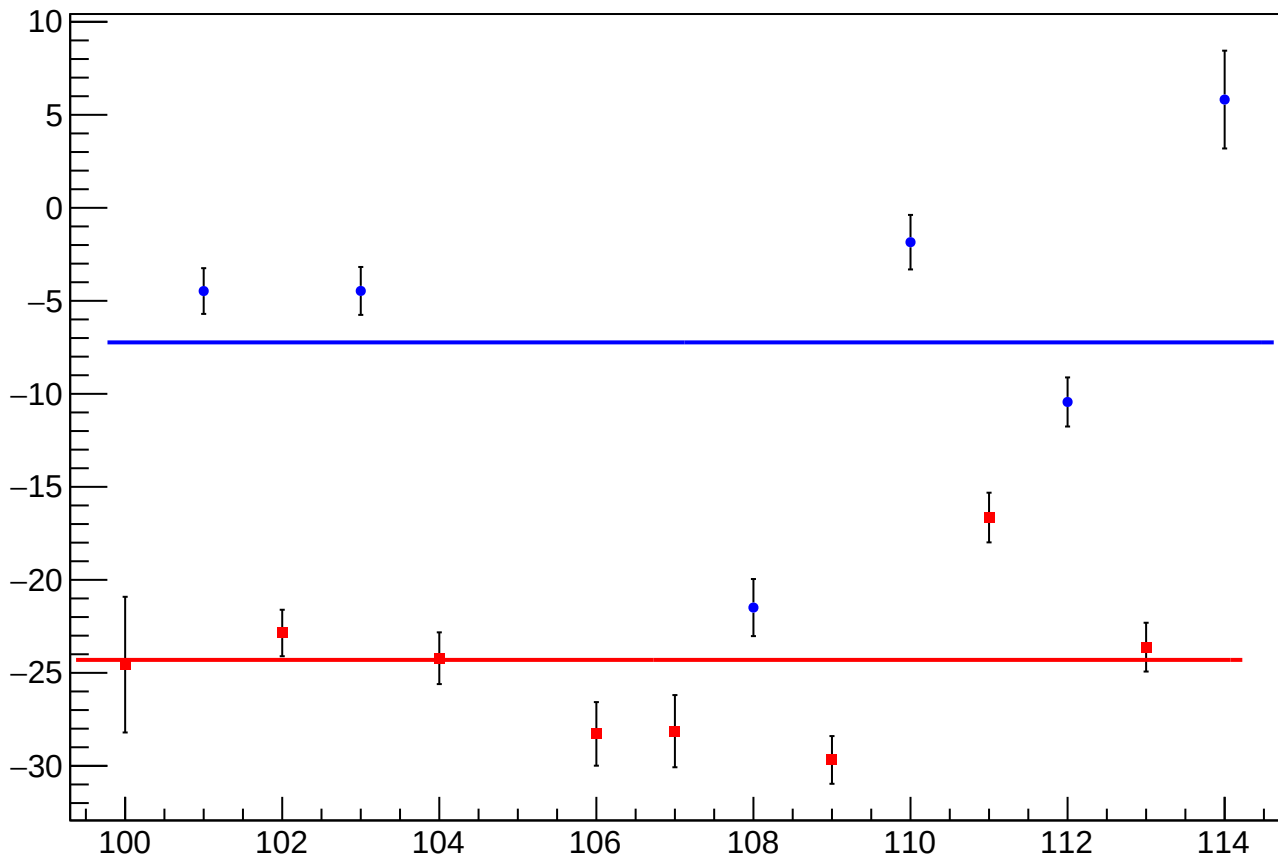
Right: 989.026+/-0.289 χ^2/NDF : 139420.0/13

In: 1002.417+/-0.438 χ^2/NDF : 61055.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.026+/-0.289 χ^2/NDF : 139420.0/13

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.234 $\pm$ 0.590 χ^2 /NDF: 140.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.303 $\pm$ 0.528 χ^2 /NDF: 61.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

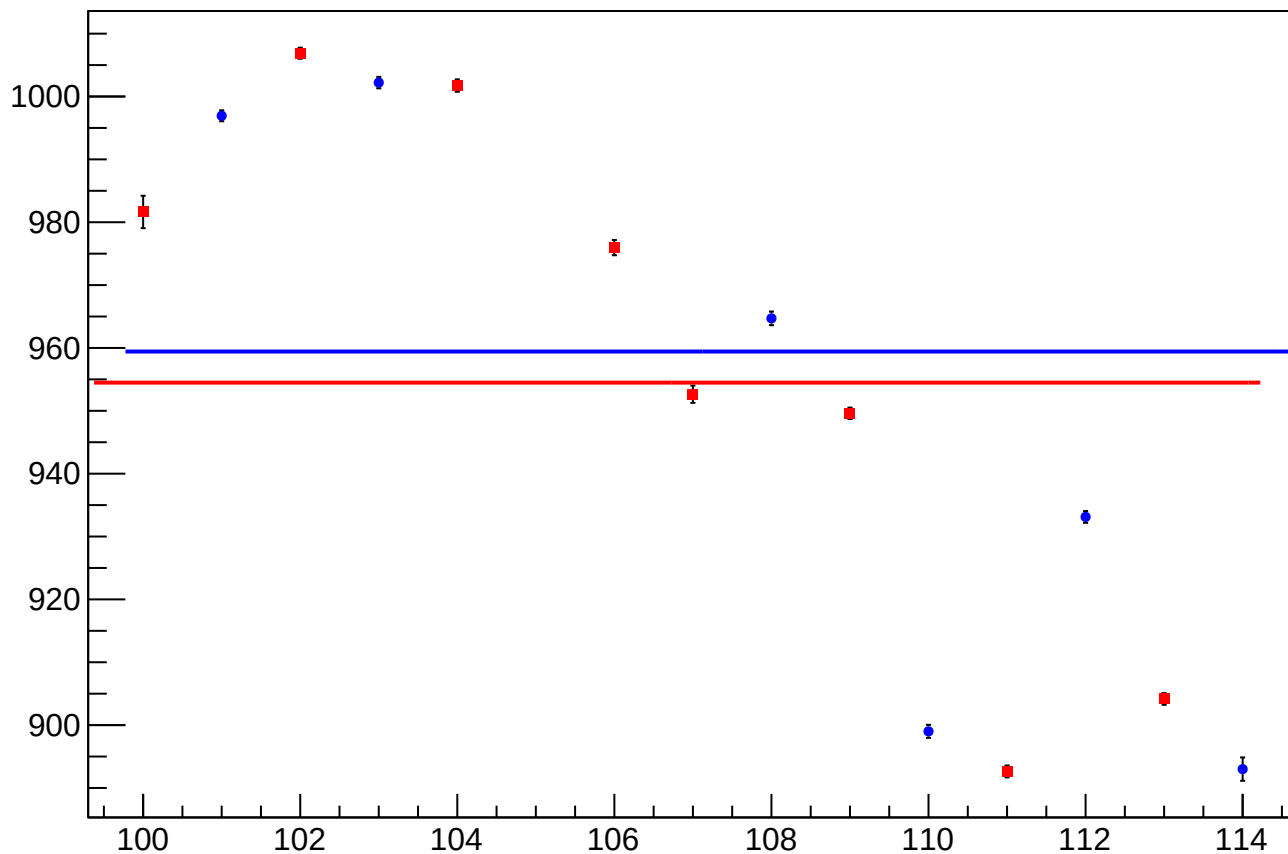
Right: -16.716 $\pm$ 0.393 χ^2 /NDF: 666.4/13

In: -7.234 $\pm$ 0.590 χ^2 /NDF:140.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.716 $\pm$ 0.393 χ^2 /NDF: 666.4/13

diff_bpm2i02Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

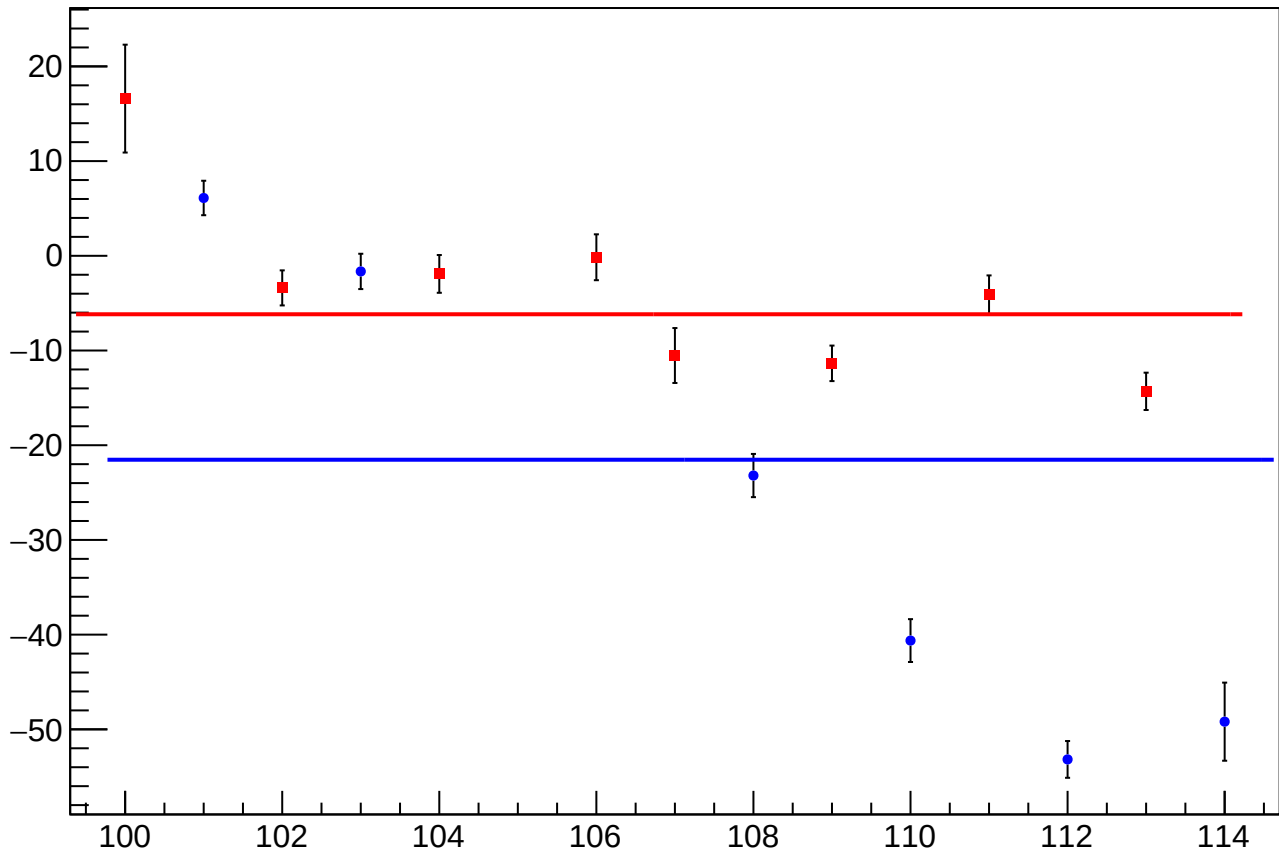
Right: 956.685+/-0.278 χ^2/NDF : 23166.2/13

In: 959.430+/-0.417 χ^2/NDF : 9563.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.685+/-0.278 χ^2/NDF : 23166.2/13

diff_bpm0i02X_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

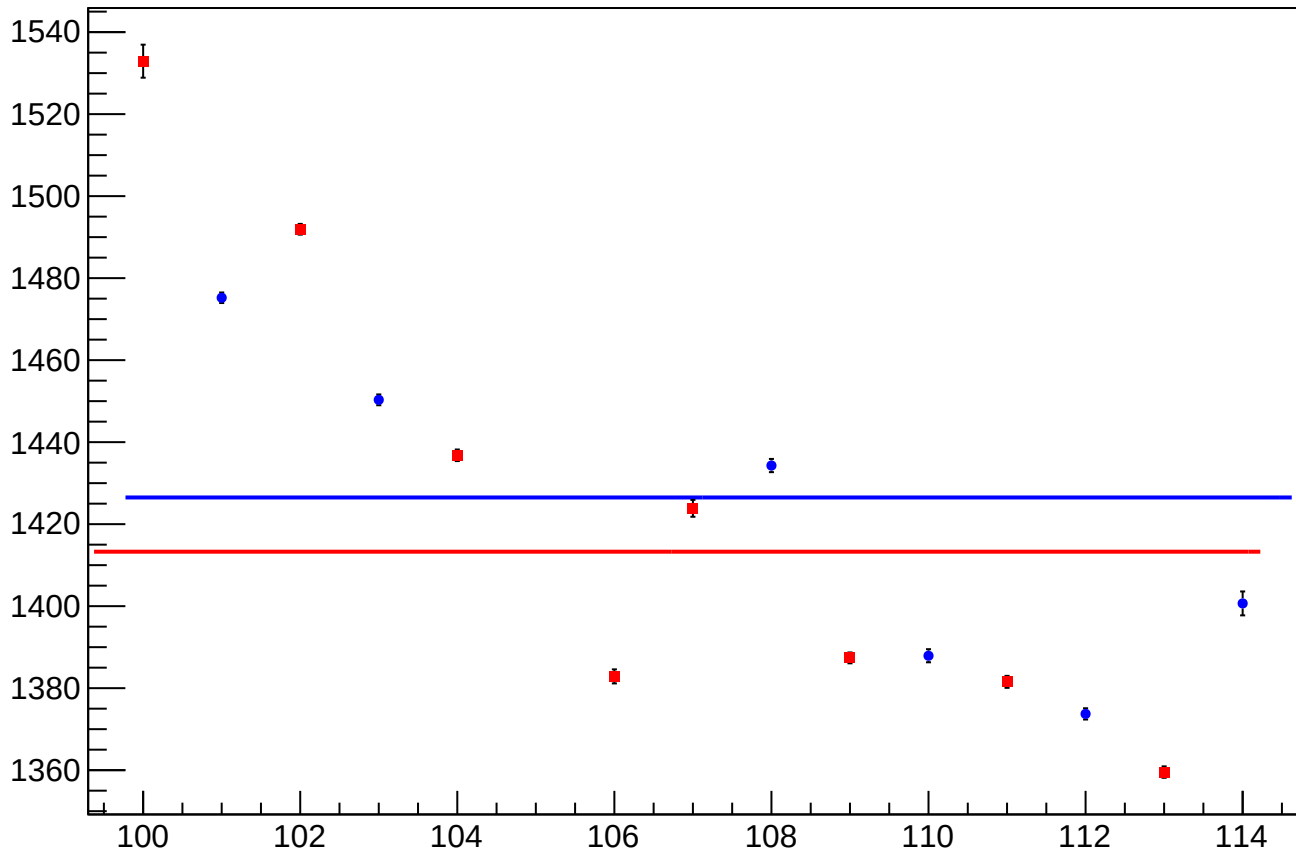
Right: -12.969 ± 0.583 χ^2/NDF : 955.1/13

In: -21.532 ± 0.877 χ^2/NDF : 727.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.969 ± 0.583 χ^2/NDF : 955.1/13

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1426.509+/-0.620 χ^2/NDF : 3922.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.284+/-0.552 χ^2/NDF : 7453.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

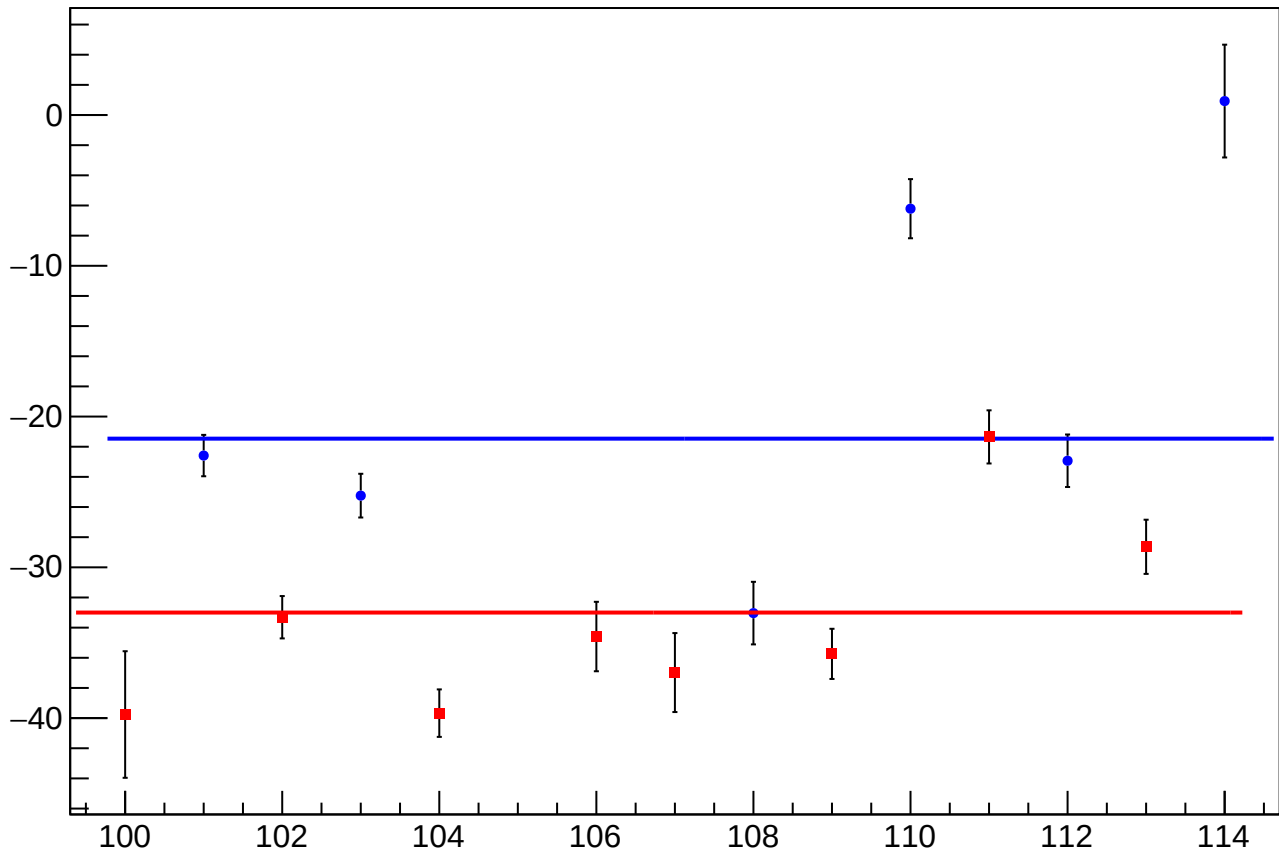
Right: 1419.137+/-0.412 χ^2/NDF : 11630.0/13

In: 1426.509+/-0.620 χ^2/NDF : 3922.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.137+/-0.412 χ^2/NDF : 11630.0/13

diff_bpm0i02Y_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

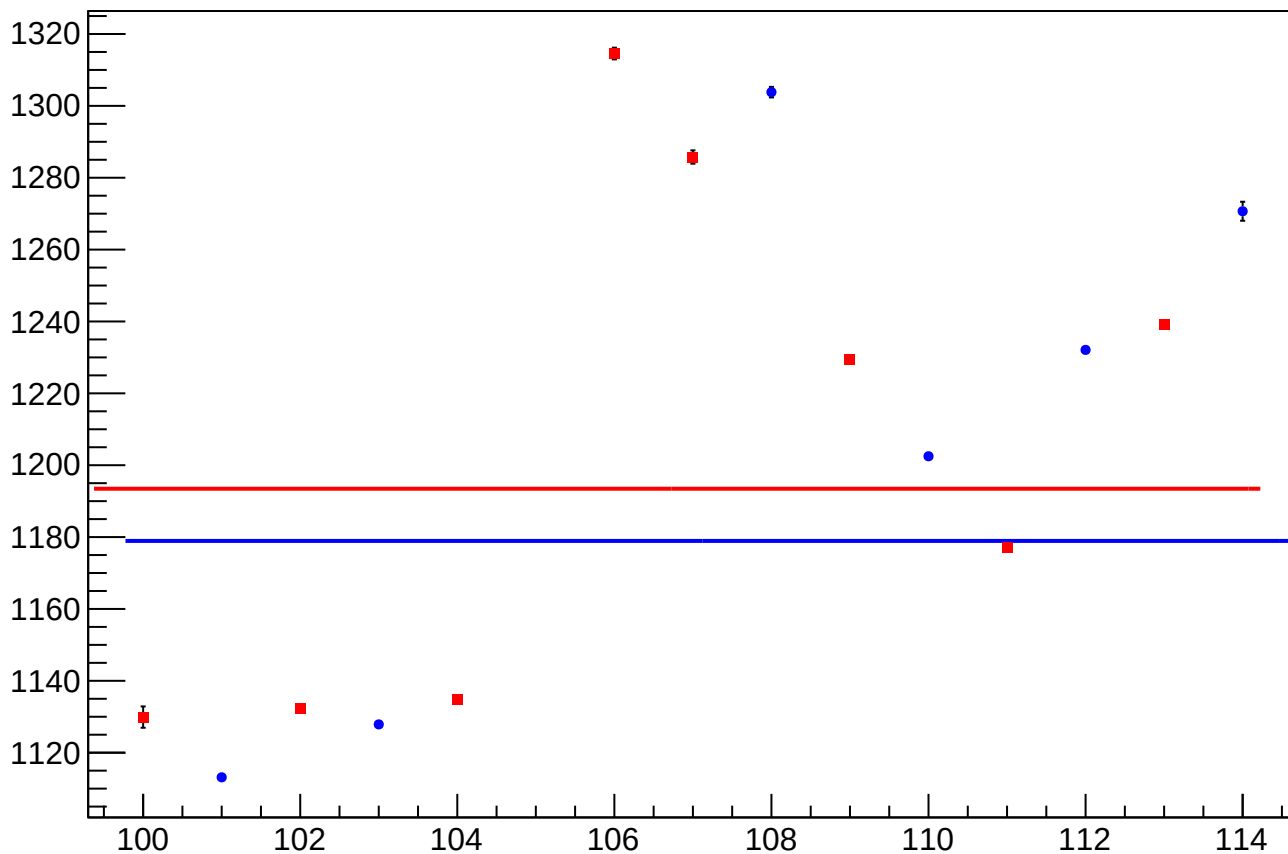
Right: -27.774+/-0.488 χ^2/NDF : 349.5/13

In: -21.465+/-0.726 χ^2/NDF : 135.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.774+/-0.488 χ^2/NDF : 349.5/13

diff_bpm0i02Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

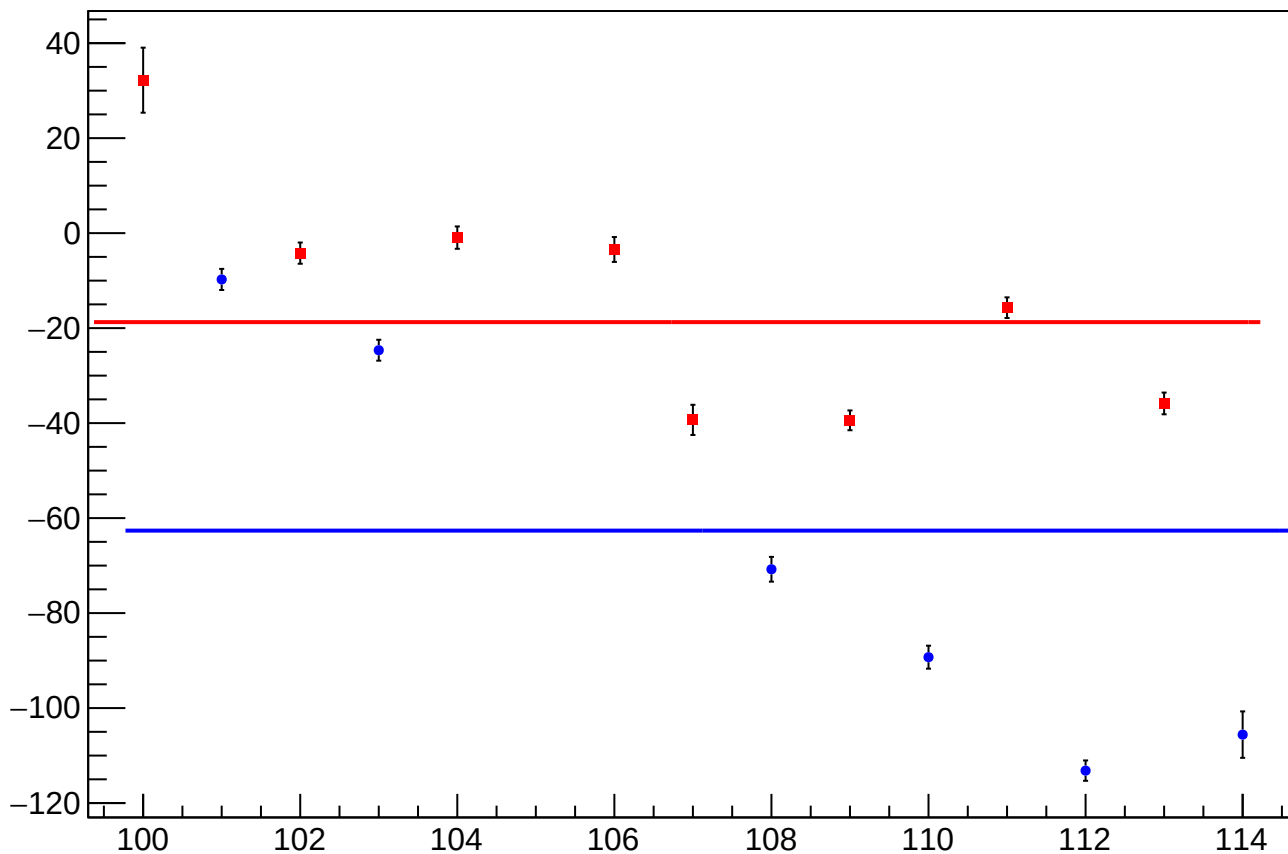
Right: 1186.877+/-0.345 χ^2/NDF : 35553.1/13

In: 1178.930+/-0.513 χ^2/NDF : 17671.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.877+/-0.345 χ^2/NDF : 35553.1/13

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -62.636 $\pm$ 1.007 χ^2 /NDF: 1628.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.737 $\pm$ 0.884 χ^2 /NDF: 387.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

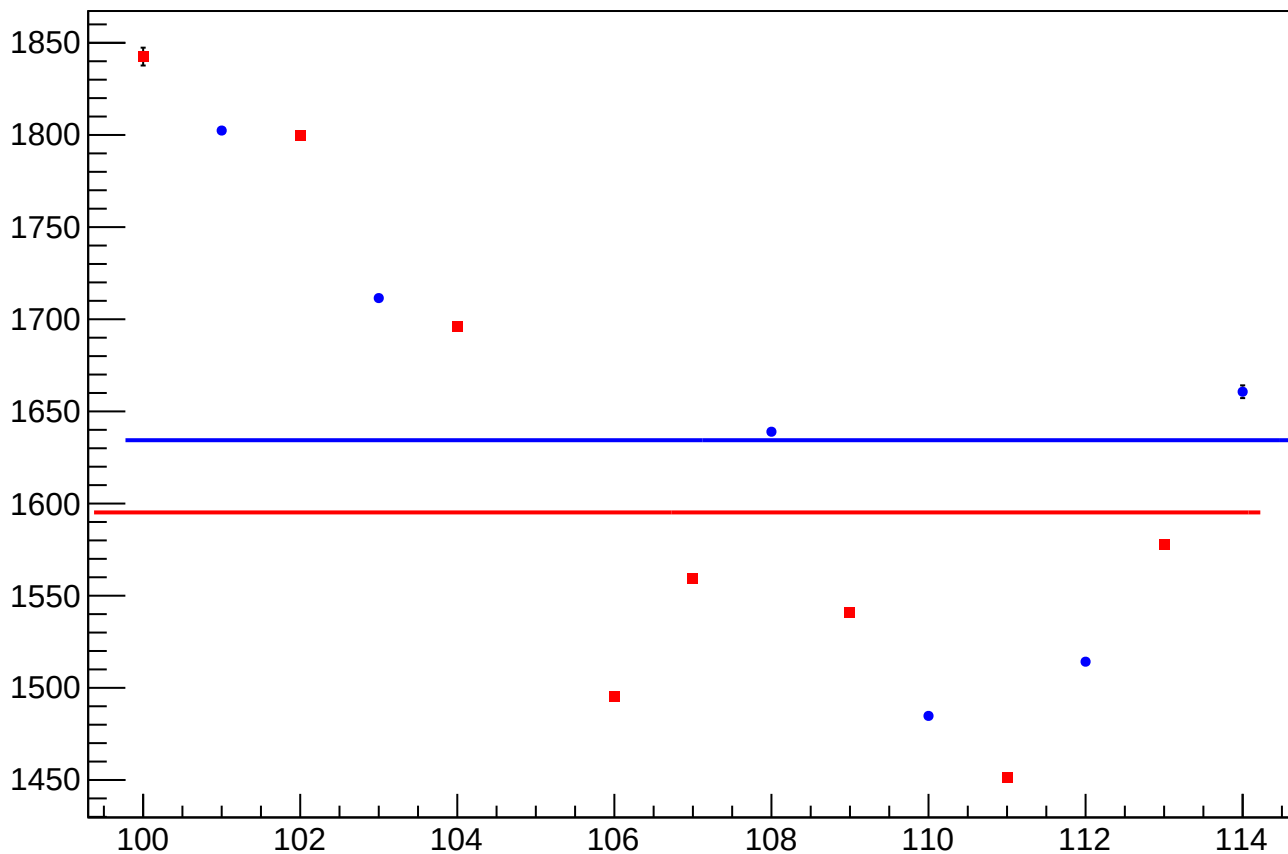
Right: -37.834 $\pm$ 0.664 χ^2 /NDF: 3089.7/13

In: -62.636 $\pm$ 1.007 χ^2 /NDF:1628.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.834 $\pm$ 0.664 χ^2 /NDF: 3089.7/13

diff_bpm0i02aX_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

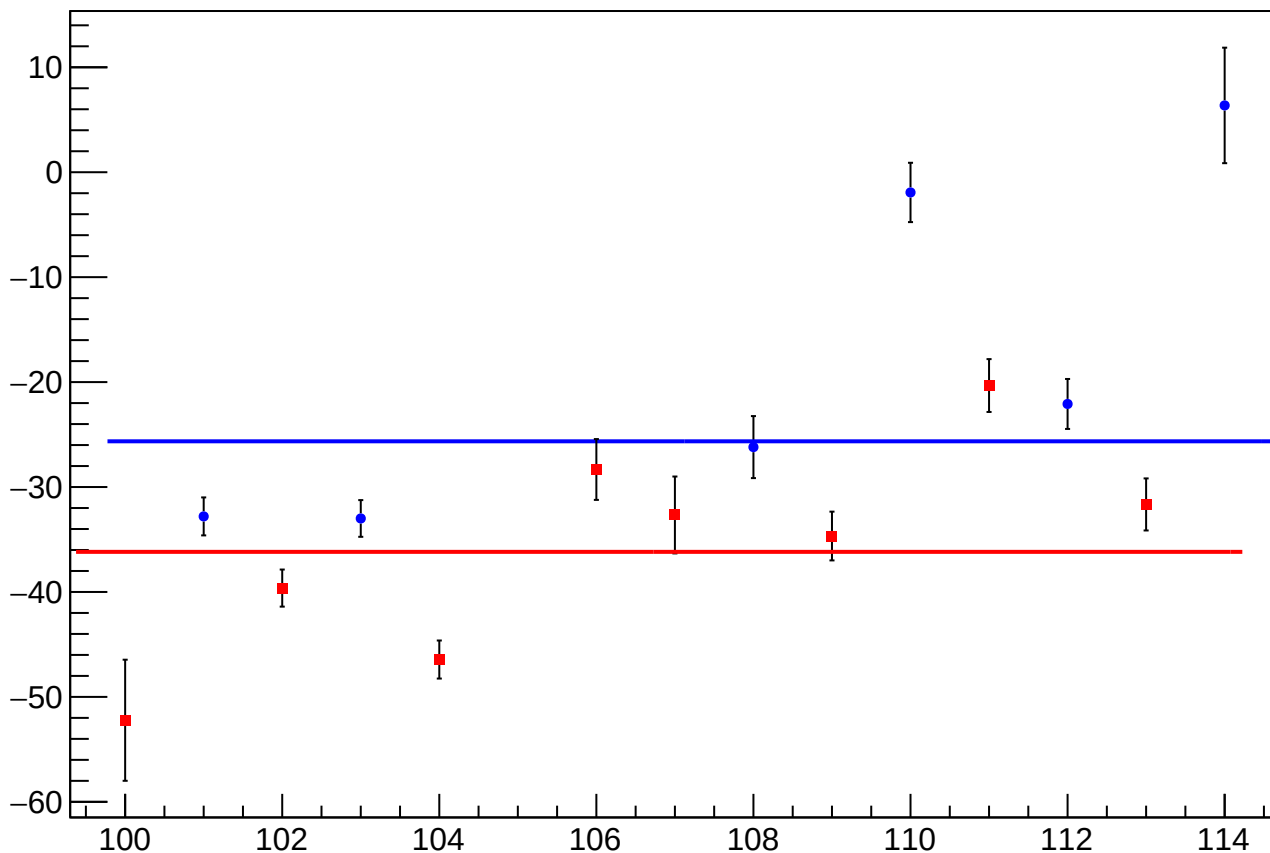
Right: 1612.232+/-0.470 χ^2/NDF : 66154.6/13

In: 1634.371+/-0.712 χ^2/NDF : 27881.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.232+/-0.470 χ^2/NDF : 66154.6/13

diff_bpm0i02aY_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

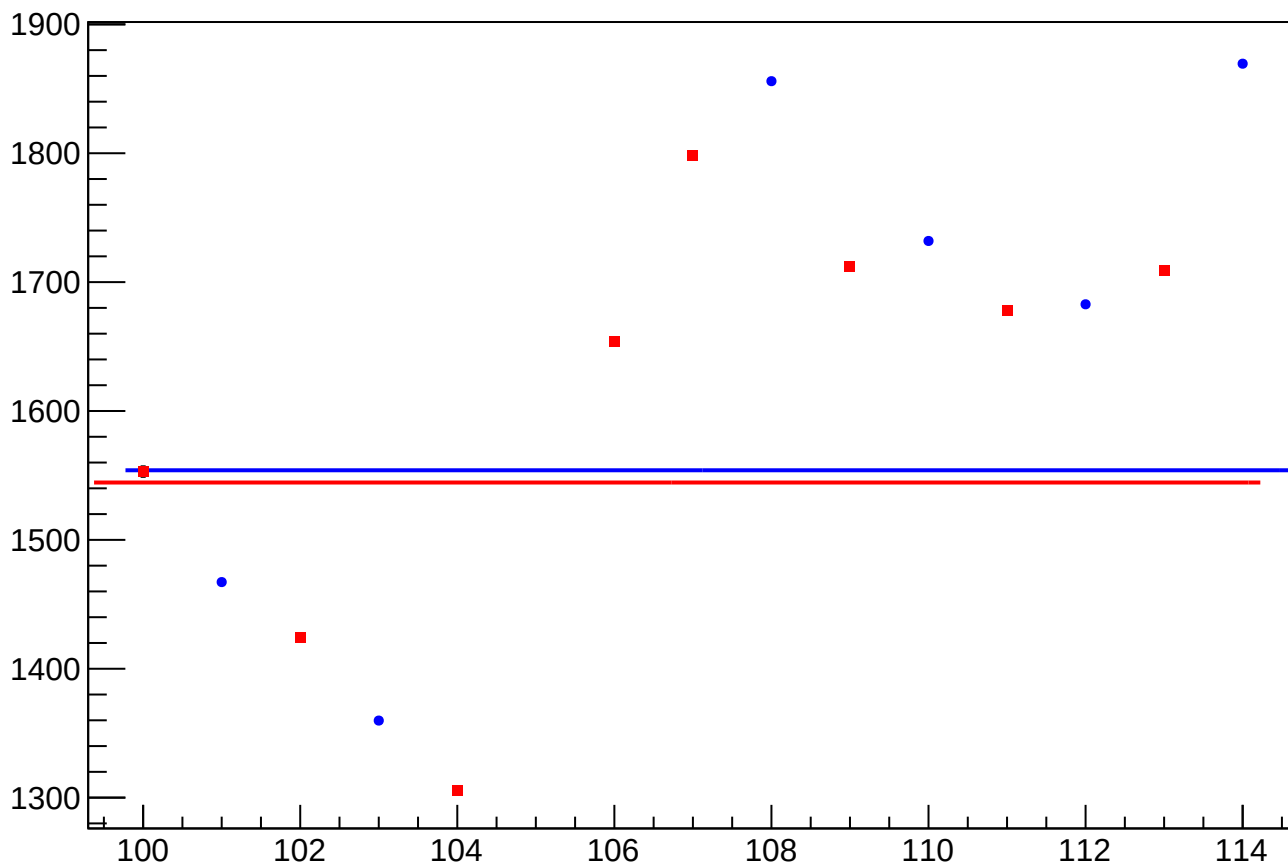
Right: -31.499 $\pm$ 0.641 χ^2 /NDF: 301.6/13

In: -25.643 $\pm$ 0.962 χ^2 /NDF:139.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.499 $\pm$ 0.641 χ^2 /NDF: 301.6/13

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1554.005+/-0.680 χ^2/NDF : 70476.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.506+/-0.608 χ^2/NDF : 81198.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

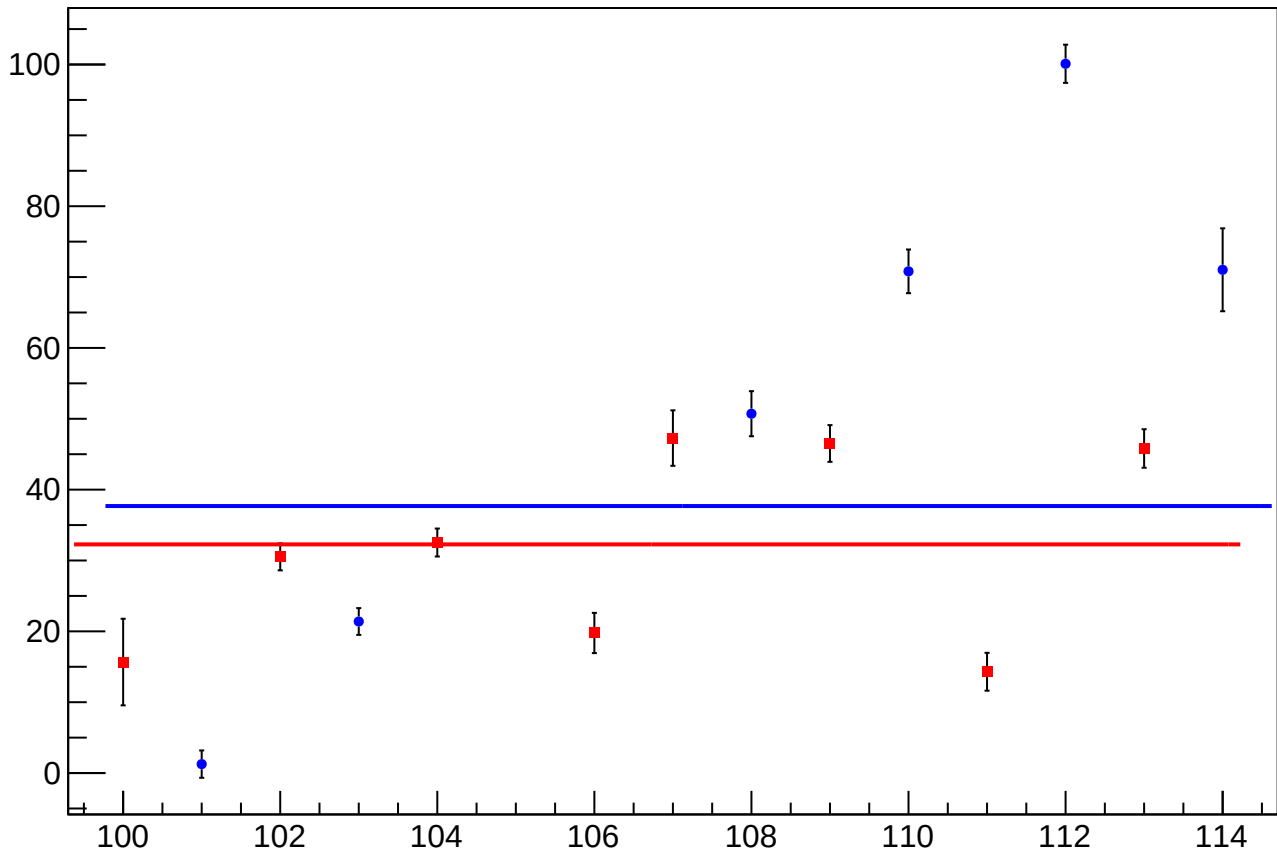
Right: 1548.725+/-0.453 χ^2/NDF : 151782.9/13

In: 1554.005+/-0.680 χ^2/NDF : 70476.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.725+/-0.453 χ^2/NDF : 151782.9/13

diff_bpm0i05X_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

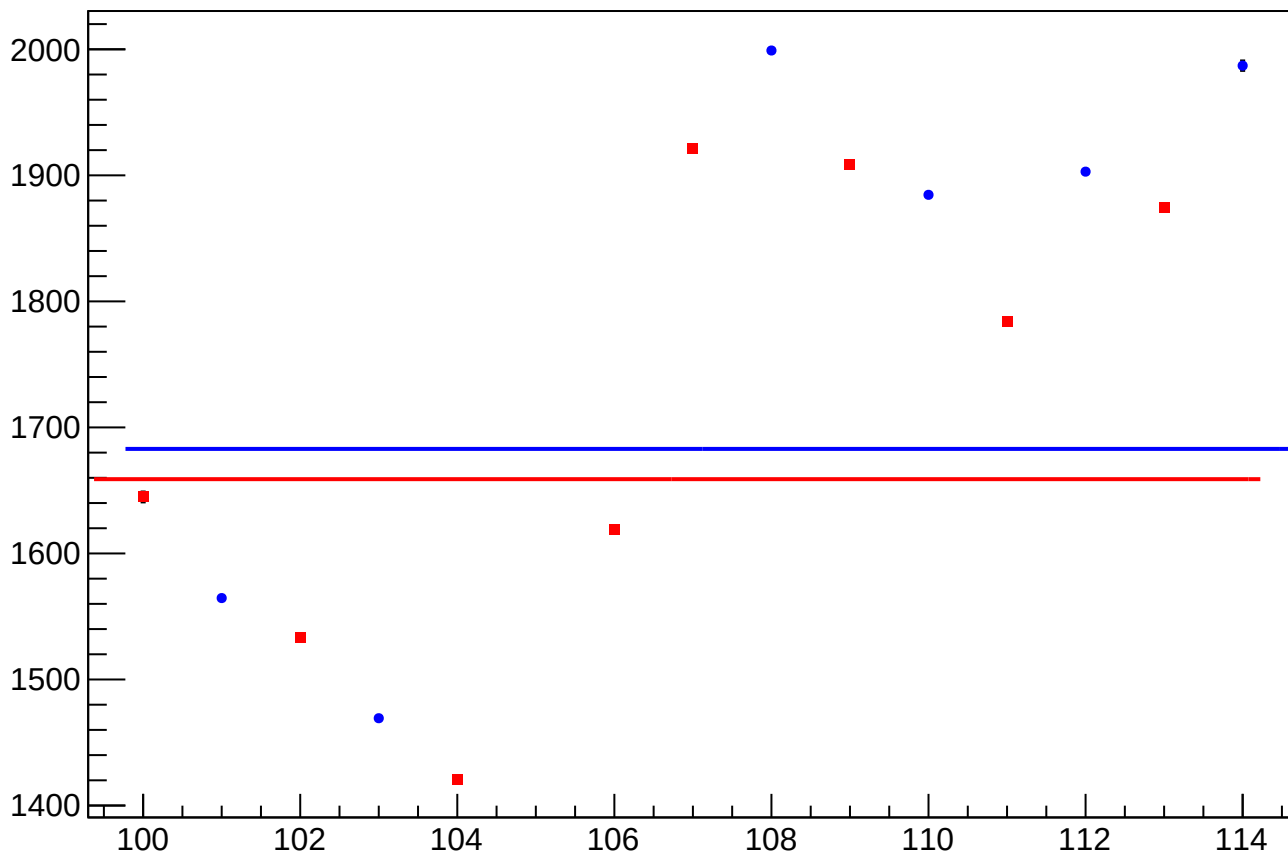
Right: 34.650+/-0.691 χ^2/NDF : 1288.9/13

In: 37.684+/-1.043 χ^2/NDF : 1131.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.650+/-0.691 χ^2/NDF : 1288.9/13

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1682.951+/-0.738 χ^2/NDF : 80099.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.943+/-0.653 χ^2/NDF : 82809.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

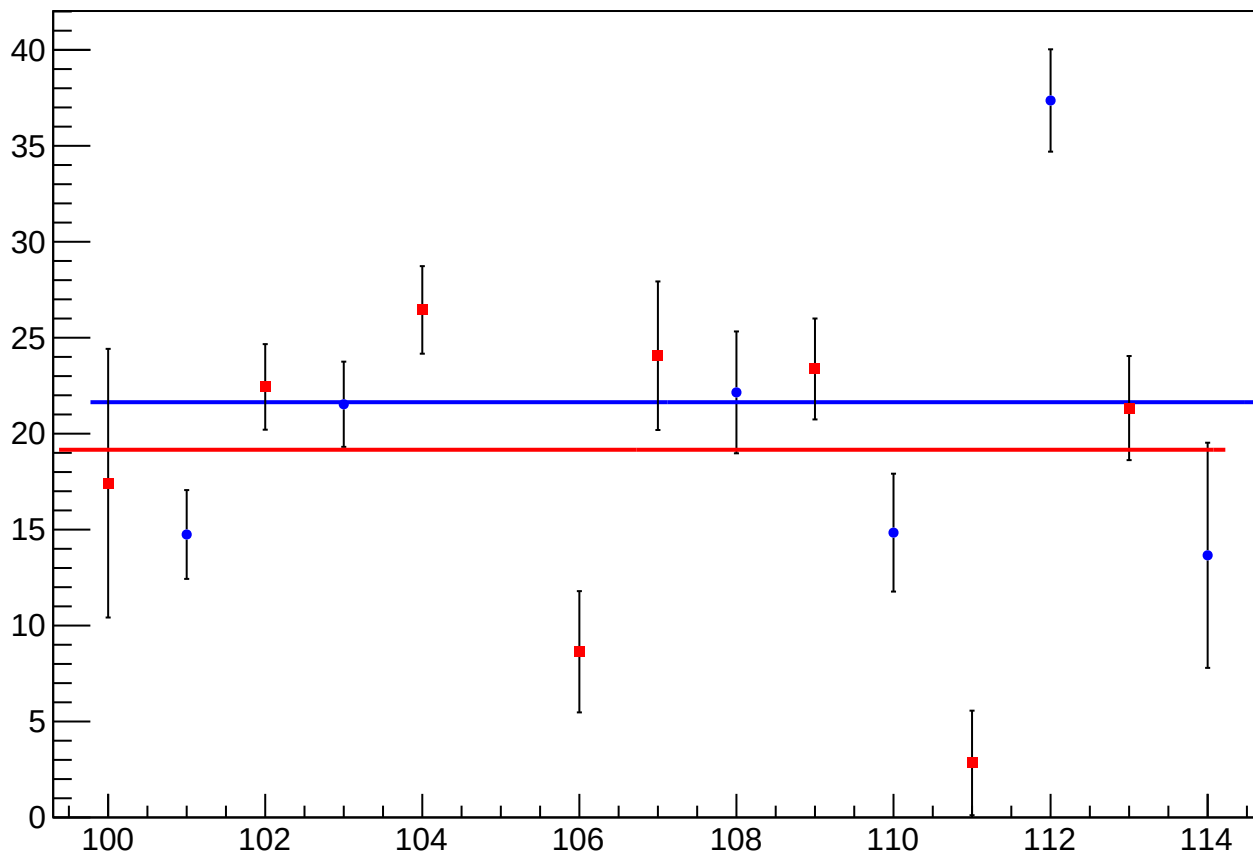
Right: 1669.490+/-0.489 χ^2/NDF : 163503.3/13

In: 1682.951+/-0.738 χ^2/NDF : 80099.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.490+/-0.489 χ^2/NDF : 163503.3/13

diff_bpm0i05Y_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

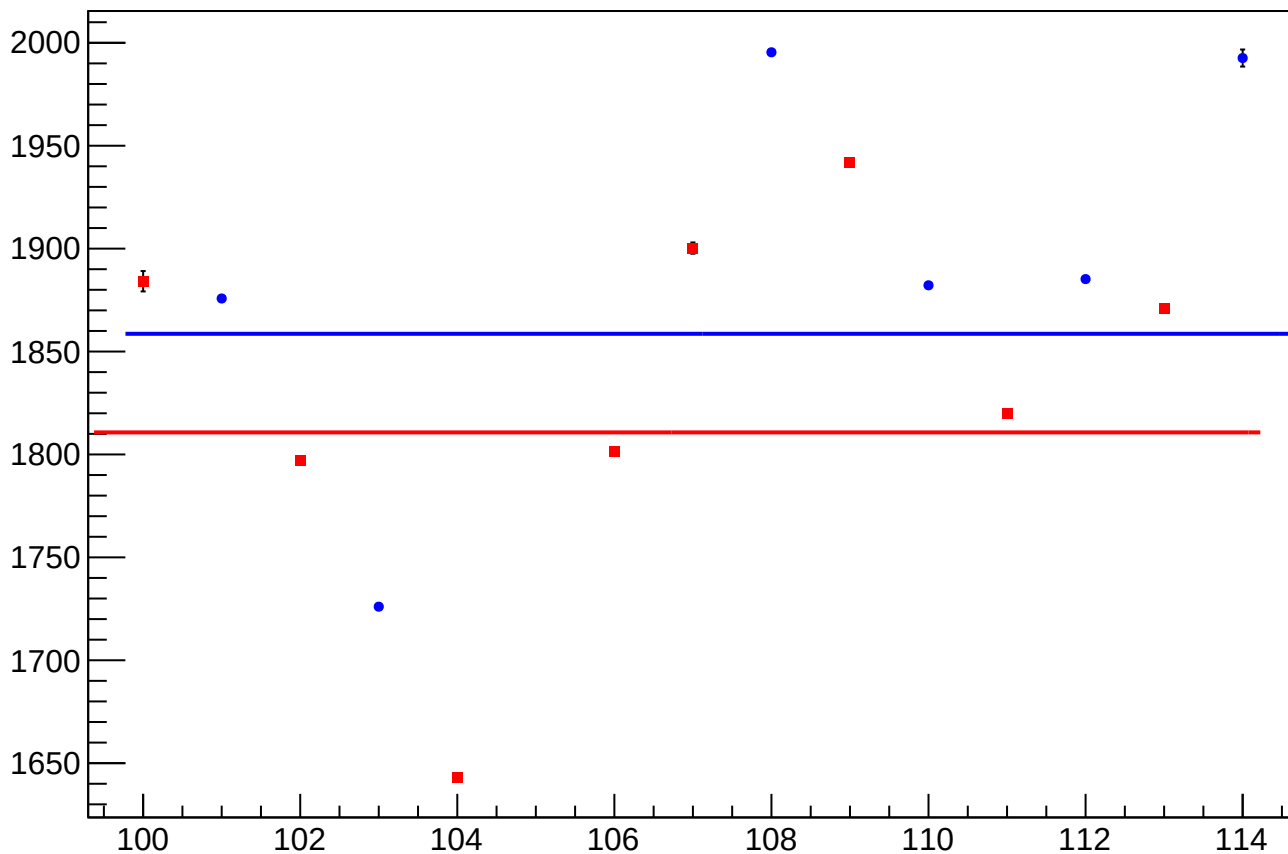
Right: 20.238 $\pm$ 0.754 χ^2 /NDF: 117.3/13

In: 21.640 $\pm$ 1.144 χ^2 /NDF: 50.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.238 $\pm$ 0.754 χ^2 /NDF: 117.3/13

diff_bpm0i05Y_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

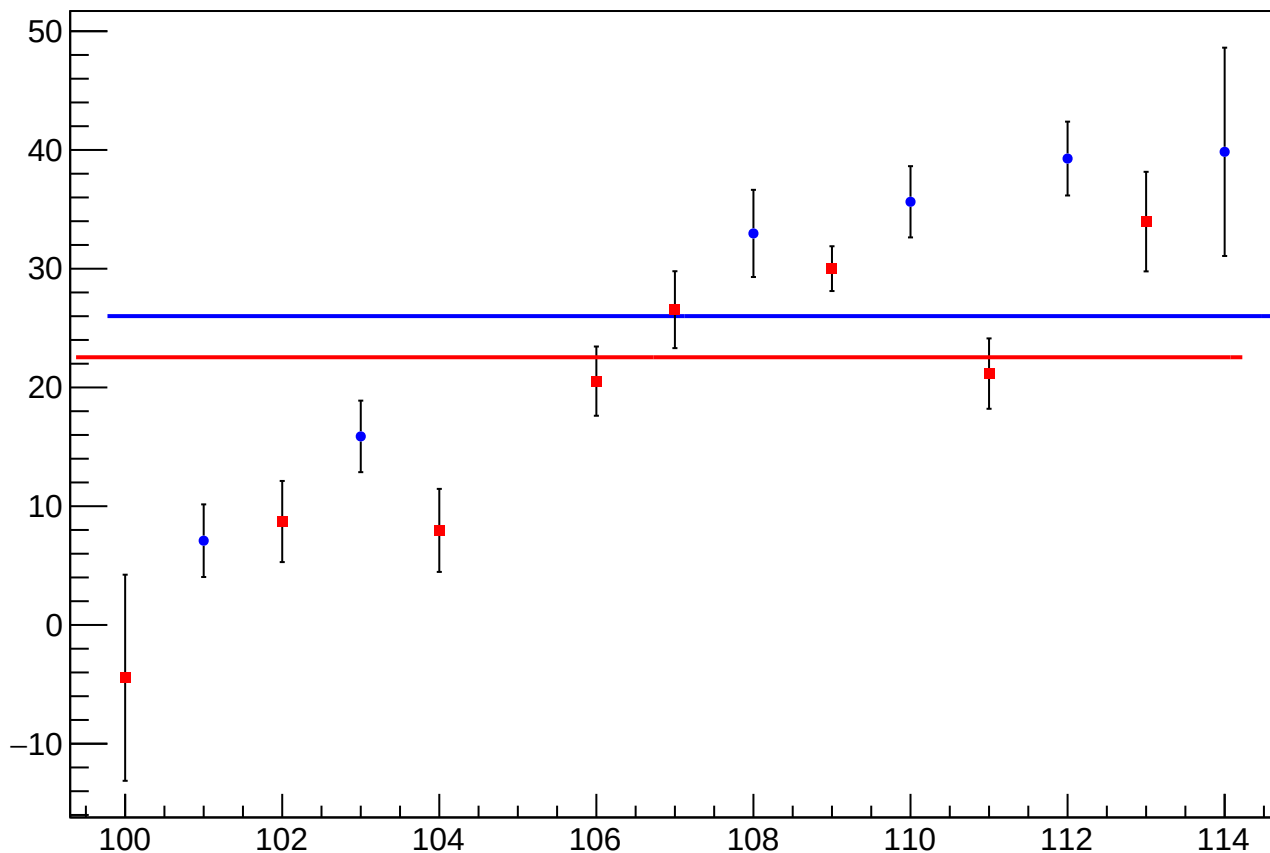
Right: 1831.520 $\pm$ 0.533 χ^2 /NDF: 32468.3/13

In: 1858.625 $\pm$ 0.809 χ^2 /NDF:12311.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1831.520 $\pm$ 0.533 χ^2 /NDF: 32468.3/13

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 26.008+/-1.388 χ^2/NDF : 84.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.543+/-1.087 χ^2/NDF : 68.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

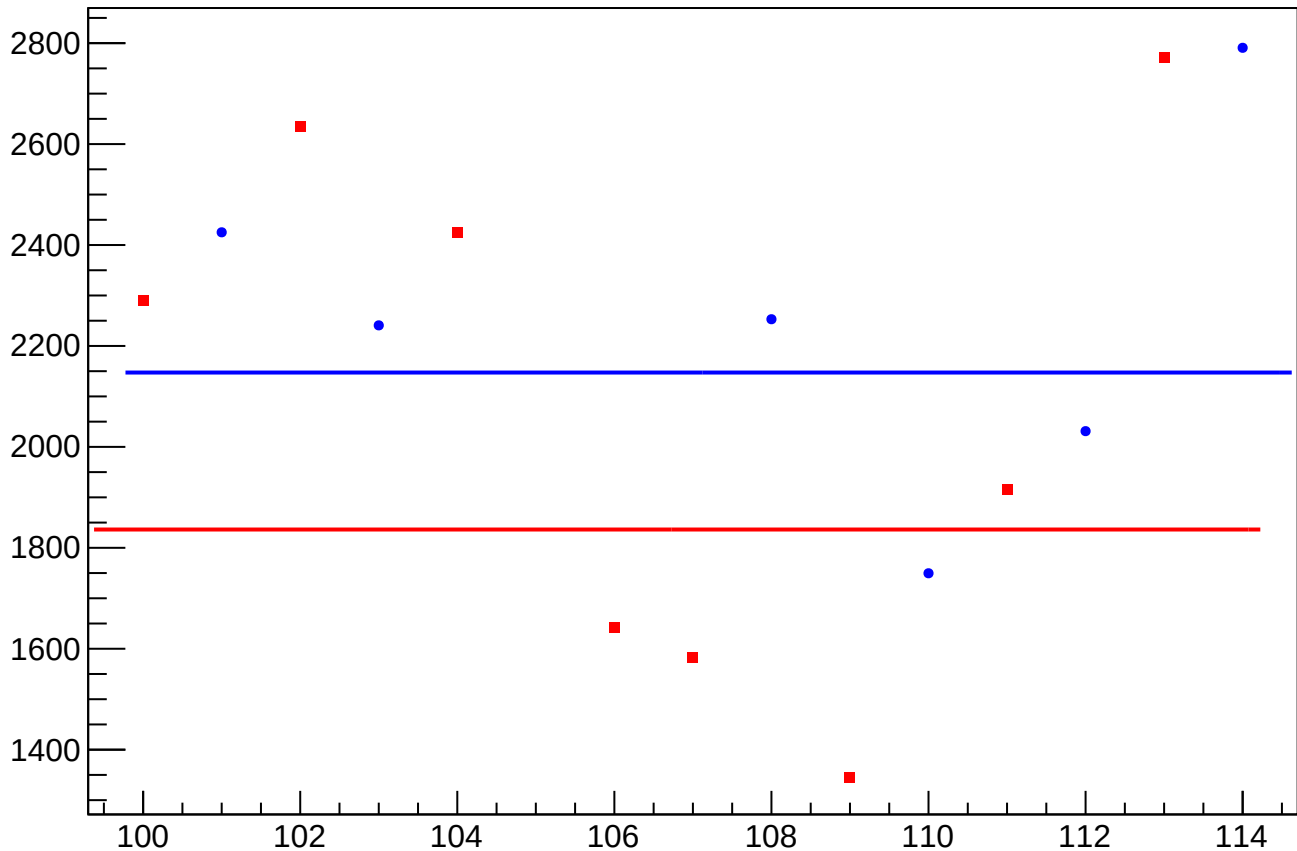
Right: 23.861+/-0.856 χ^2/NDF : 156.8/13

In: 26.008+/-1.388 χ^2/NDF : 84.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.861+/-0.856 χ^2/NDF : 156.8/13

diff_bpm0i07X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

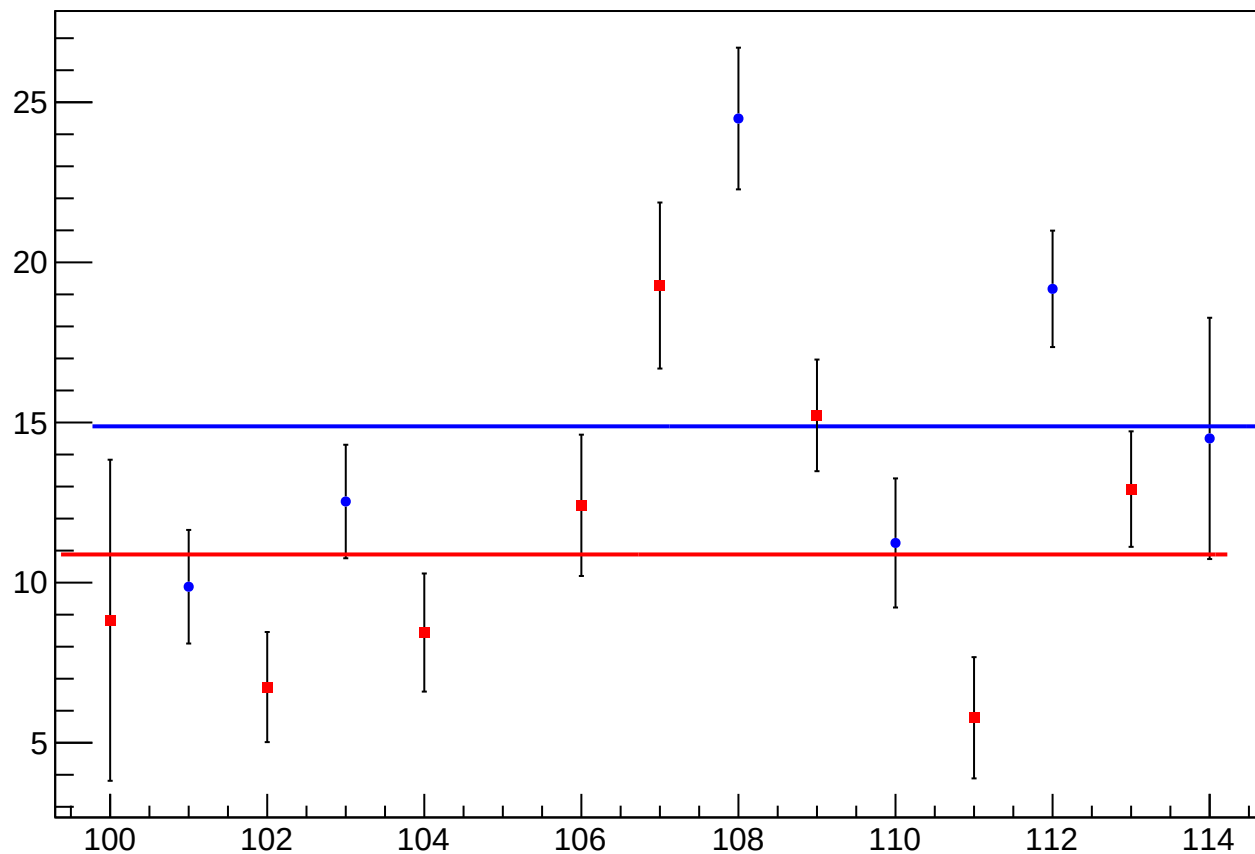
Right: 1954.558+/-0.605 χ^2/NDF : 560145.6/13

In: 2147.324+/-0.982 χ^2/NDF : 68810.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.558+/-0.605 χ^2/NDF : 560145.6/13

diff_bpm0i07Y_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

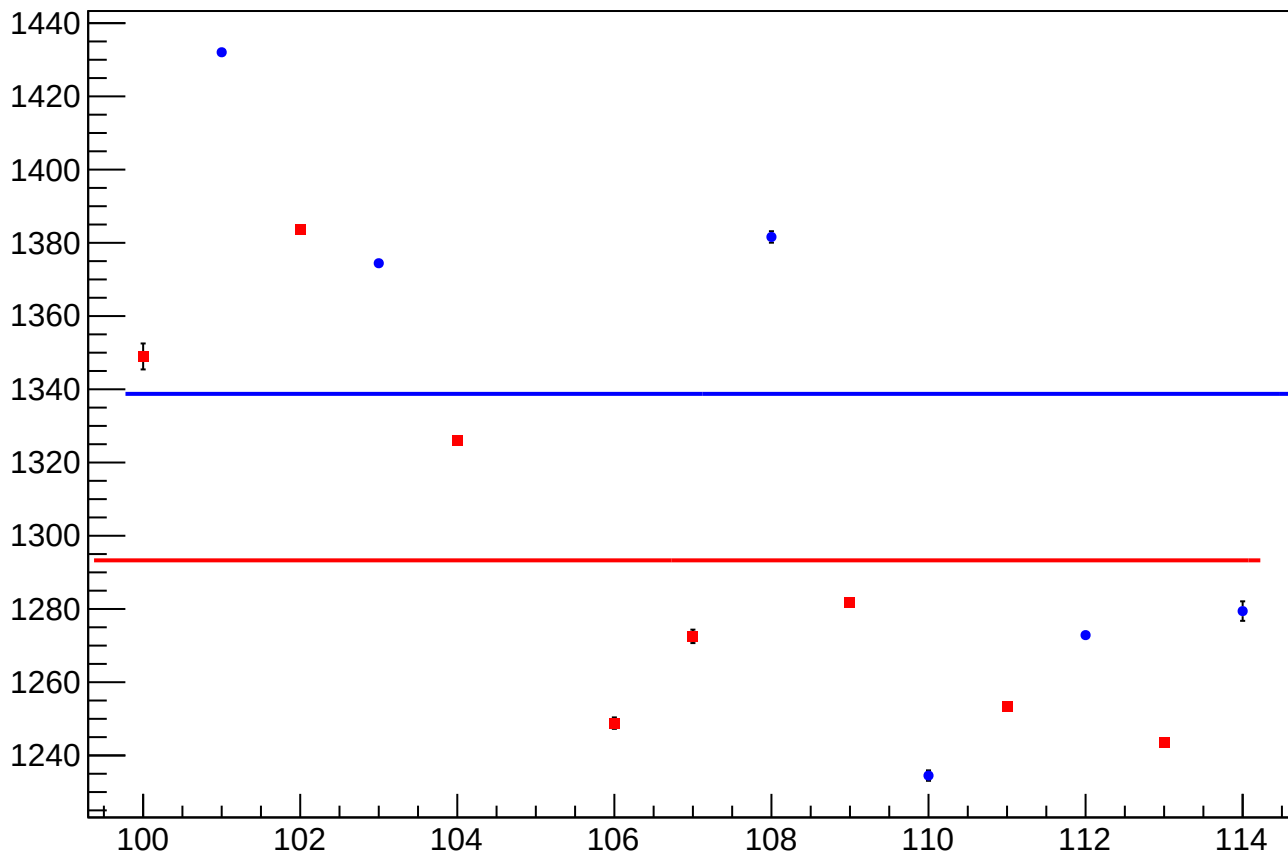
Right: 12.596 $\pm$ 0.542 χ^2 /NDF: 84.2/13

In: 14.880 $\pm$ 0.828 χ^2 /NDF: 37.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.596 $\pm$ 0.542 χ^2 /NDF: 84.2/13

diff_bpm0i07Y_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

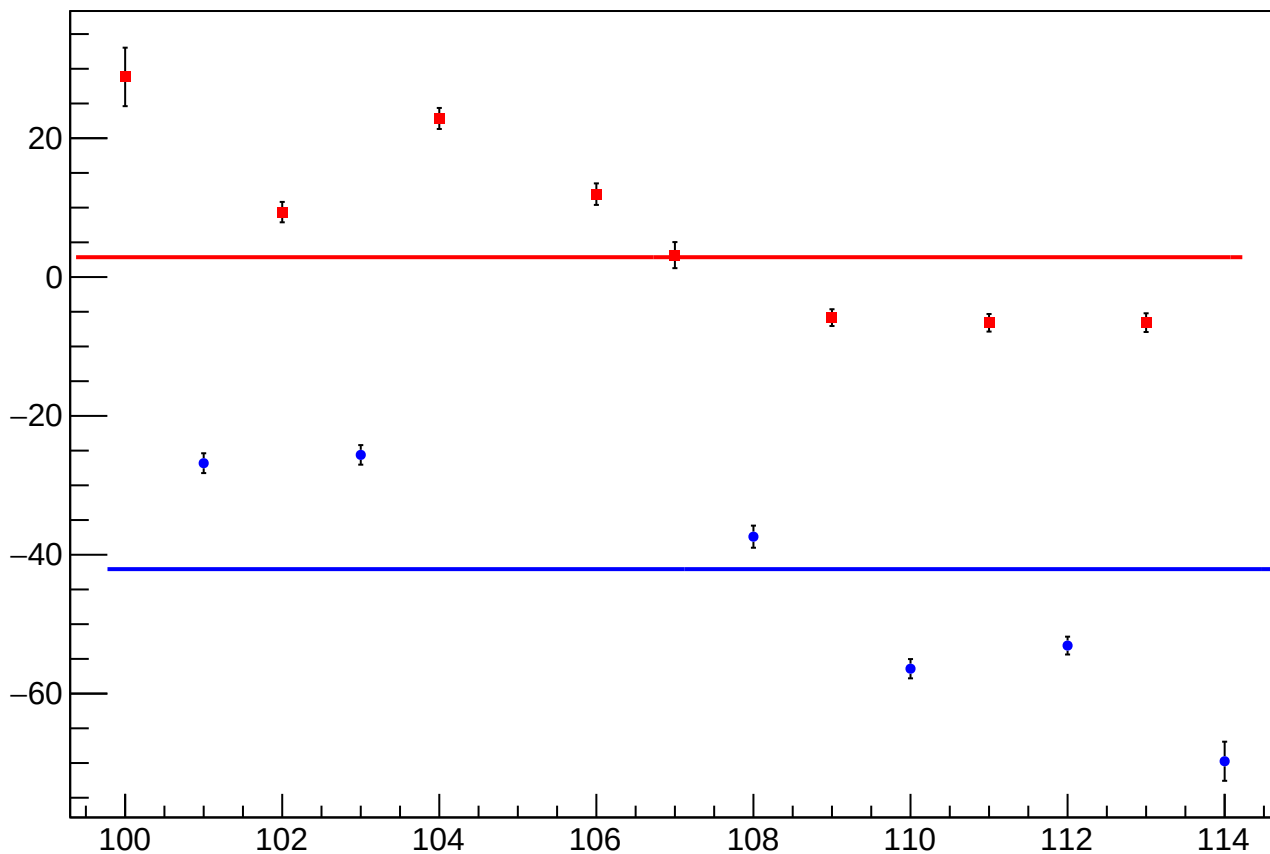
Right: 1312.794 $\pm$ 0.383 χ^2 /NDF: 28848.4/13

In: 1338.752 $\pm$ 0.585 χ^2 /NDF:15569.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1312.794 $\pm$ 0.383 χ^2 /NDF: 28848.4/13

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -42.071+/-0.616 χ^2/NDF : 535.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.860+/-0.533 χ^2/NDF : 422.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

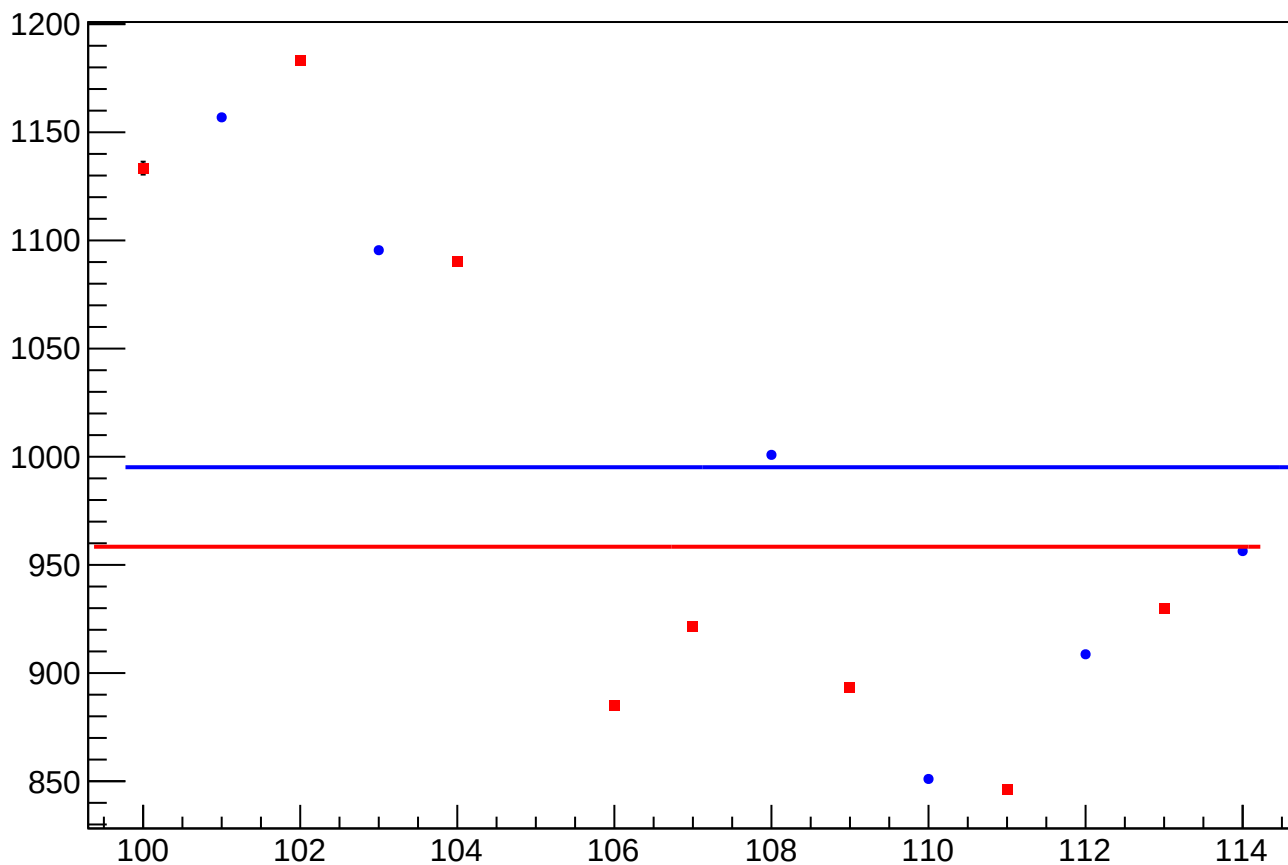
Right: -16.404+/-0.403 χ^2/NDF : 4000.6/13

In: -42.071+/-0.616 χ^2/NDF : 535.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.404+/-0.403 χ^2/NDF : 4000.6/13

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 995.154+/-0.435 χ^2/NDF : 66816.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.402+/-0.377 χ^2/NDF : 93107.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

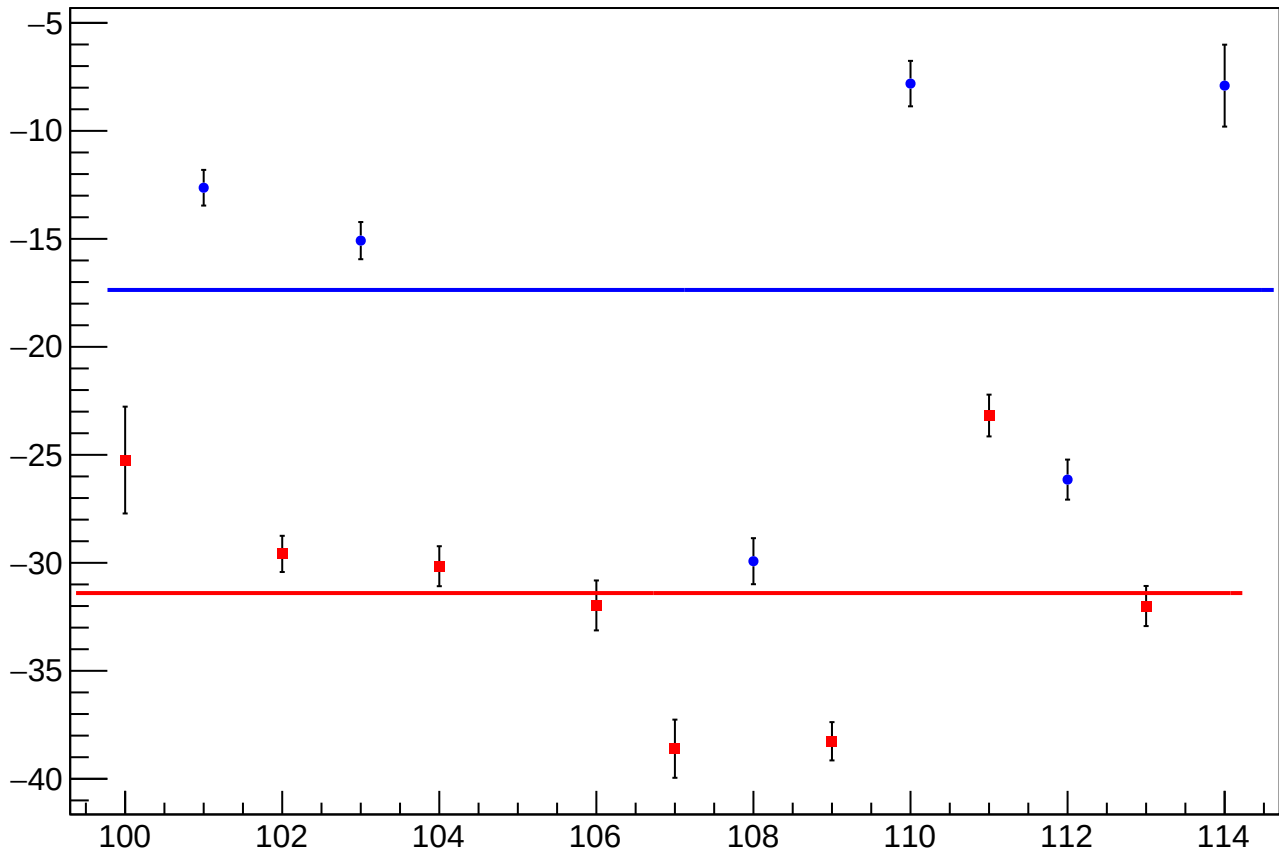
Right: 974.159+/-0.285 χ^2/NDF : 163994.3/13

In: 995.154+/-0.435 χ^2/NDF : 66816.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.159+/-0.285 χ^2/NDF : 163994.3/13

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -17.365+/-0.407 χ^2/NDF : 375.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.400+/-0.364 χ^2/NDF : 174.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

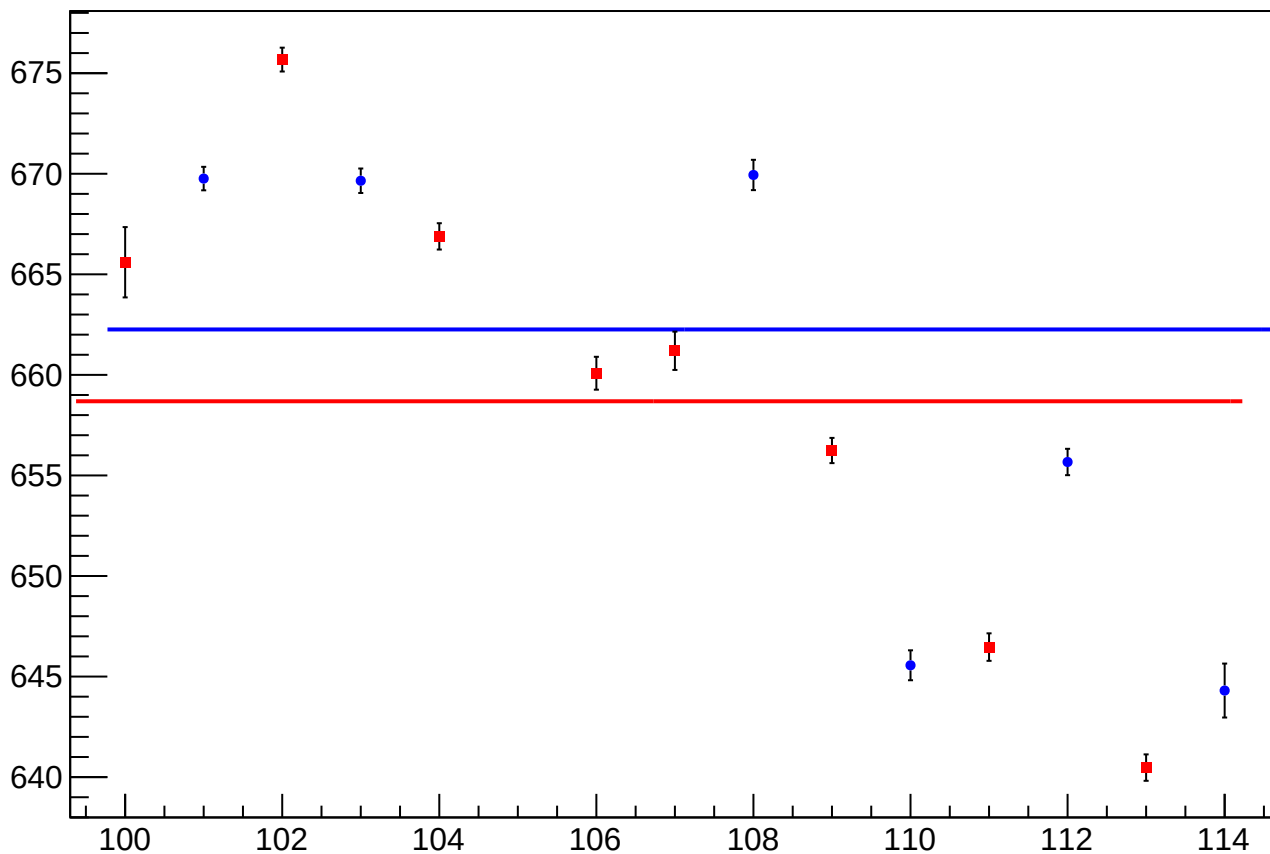
Right: -25.164+/-0.271 χ^2/NDF : 1211.3/13

In: -17.365+/-0.407 χ^2/NDF : 375.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.164+/-0.271 χ^2/NDF : 1211.3/13

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 662.258+/-0.288 χ^2/NDF : 1200.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.688+/-0.257 χ^2/NDF : 2108.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

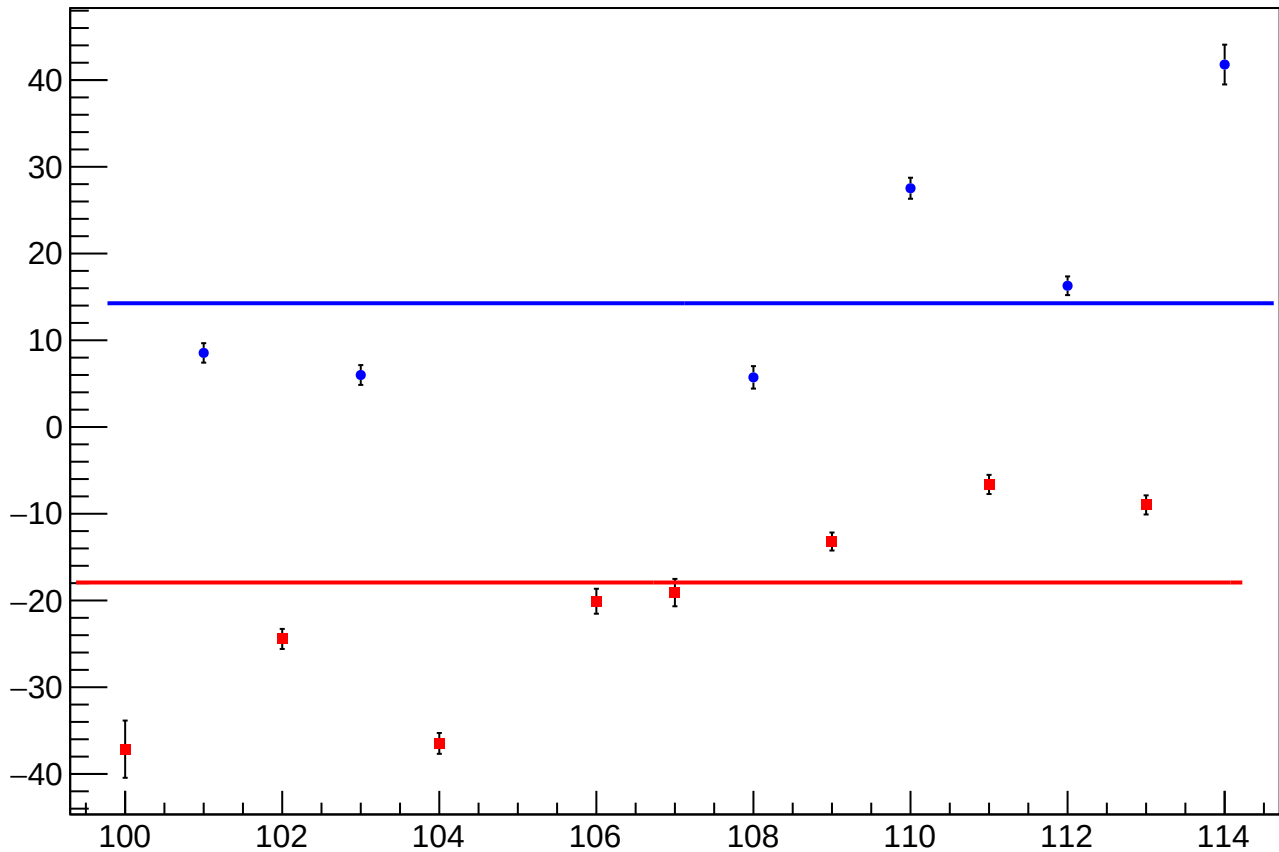
Right: 660.275+/-0.192 χ^2/NDF : 3394.6/13

In: 662.258+/-0.288 χ^2/NDF : 1200.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.275+/-0.192 χ^2/NDF : 3394.6/13

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 14.268+/-0.507 χ^2/NDF : 388.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.925+/-0.448 χ^2/NDF : 498.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

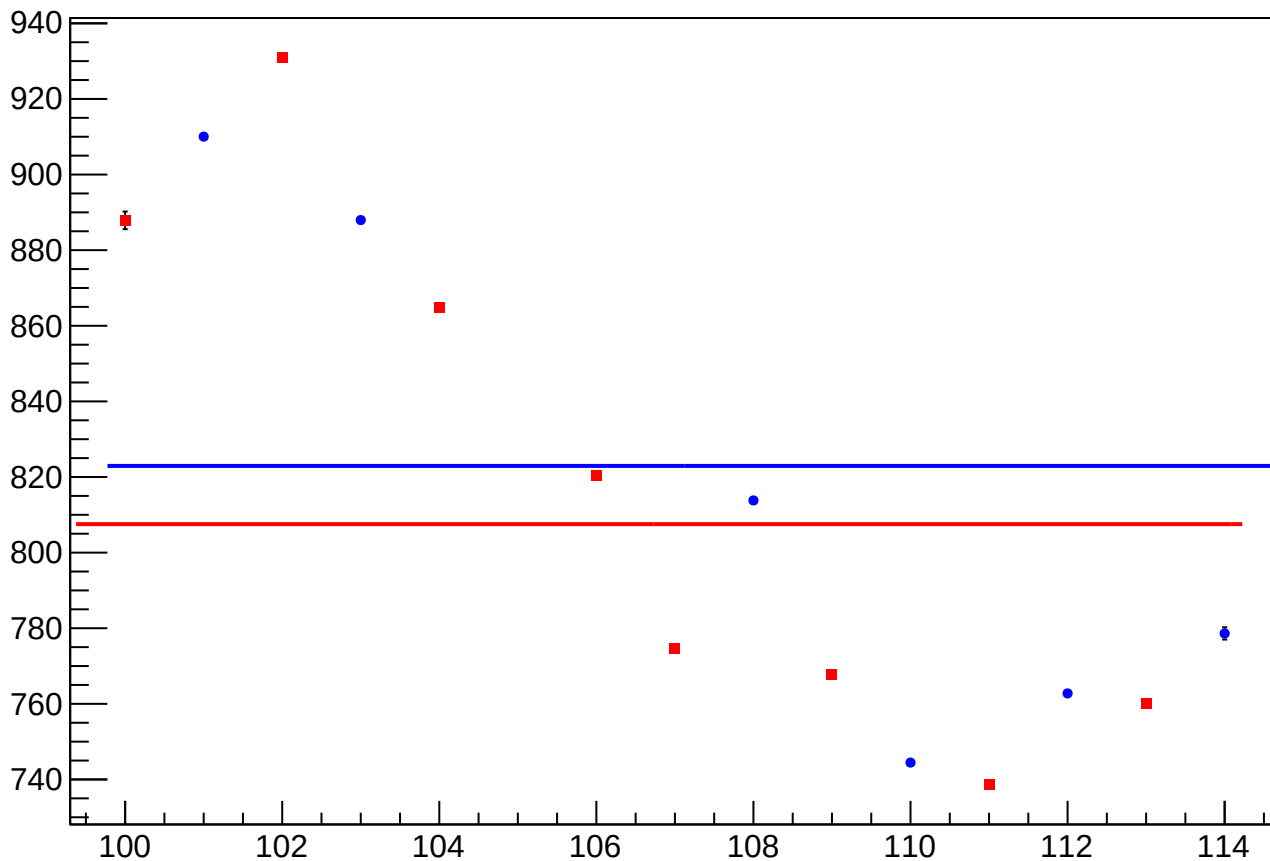
Right: -3.833+/-0.336 χ^2/NDF : 3151.6/13

In: 14.268+/-0.507 χ^2/NDF : 388.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.833+/-0.336 χ^2/NDF : 3151.6/13

diff_bpm1i04X_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

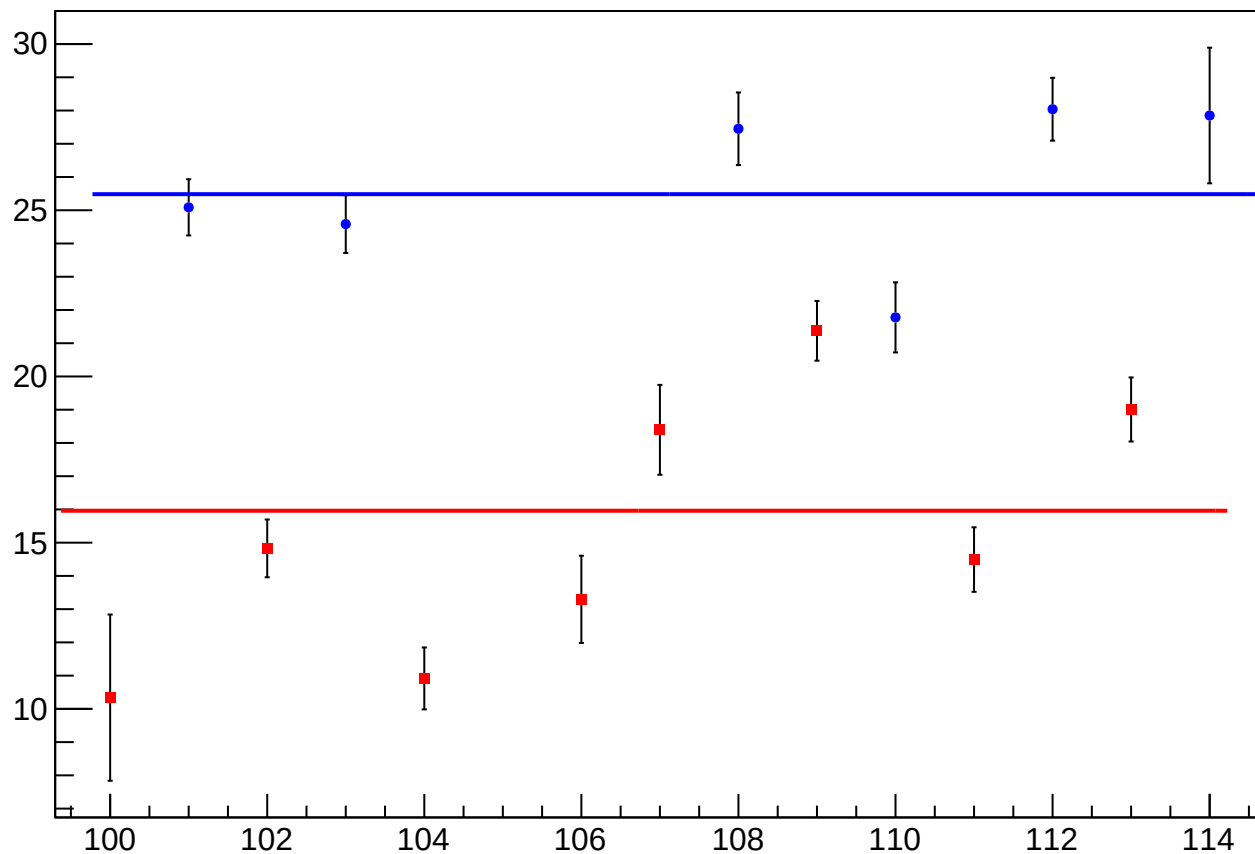
Right: 814.274+/-0.237 χ^2/NDF : 78974.6/13

In: 822.933+/-0.359 χ^2/NDF : 33953.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.274+/-0.237 χ^2/NDF : 78974.6/13

diff_bpm1i04Y_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

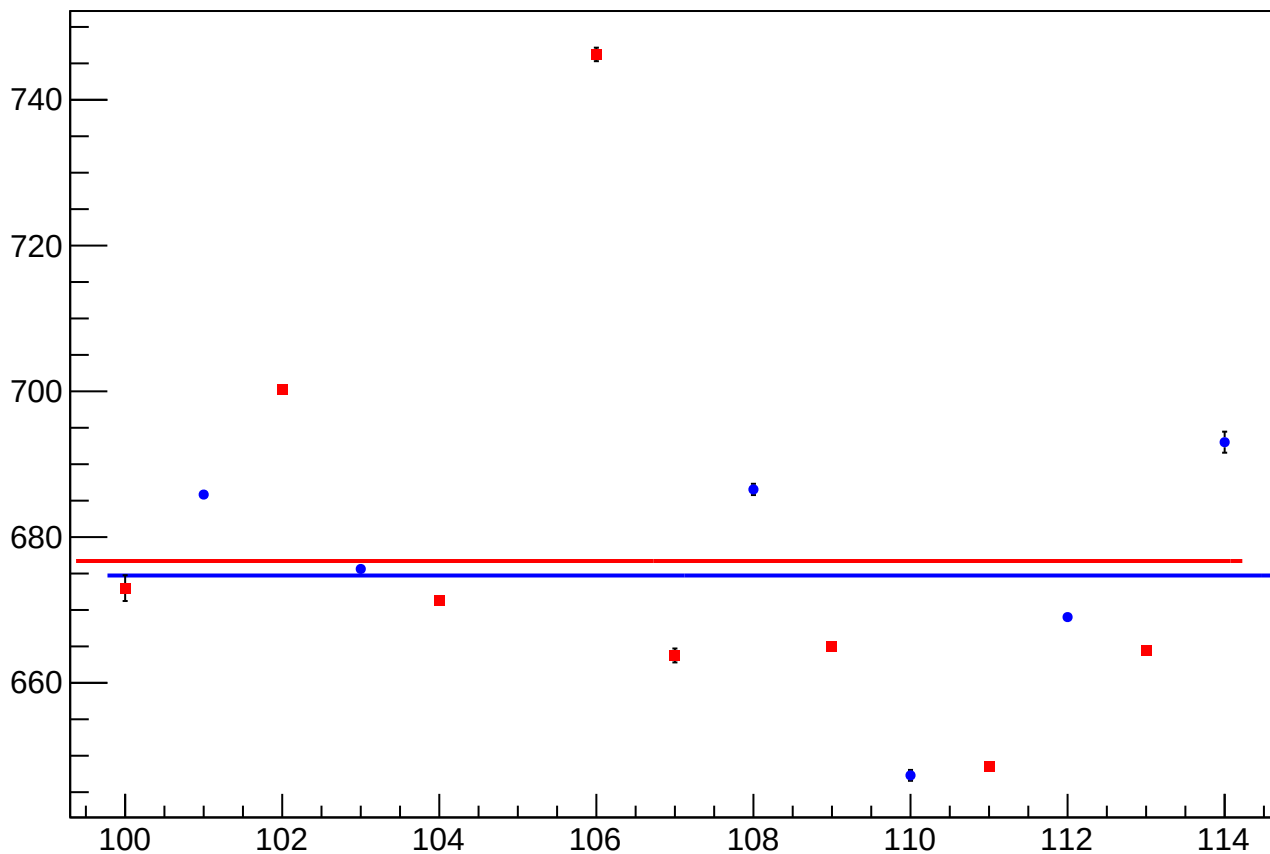
Right: 20.235 $\pm$ 0.278 χ^2/NDF : 408.2/13

In: 25.484 $\pm$ 0.415 χ^2/NDF : 25.5/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 20.235 $\pm$ 0.278 χ^2/NDF : 408.2/13

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 674.730+/-0.293 χ^2/NDF : 2165.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 676.720+/-0.265 χ^2/NDF : 9696.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

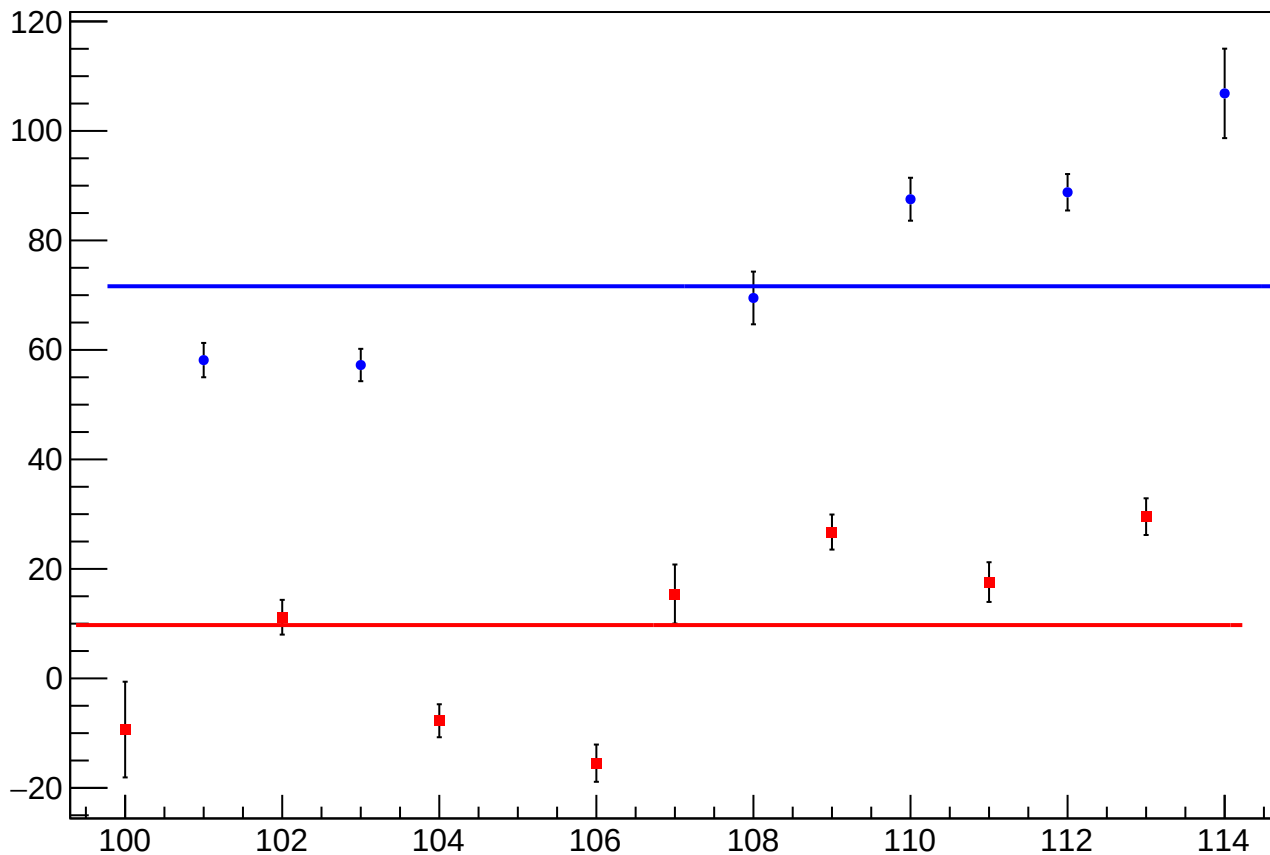
Right: 675.827+/-0.196 χ^2/NDF : 11886.9/13

In: 674.730+/-0.293 χ^2/NDF : 2165.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 675.827+/-0.196 χ^2/NDF : 11886.9/13

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 71.627 $\pm$ 1.526 χ^2 /NDF: 104.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.740 $\pm$ 1.285 χ^2 /NDF: 162.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

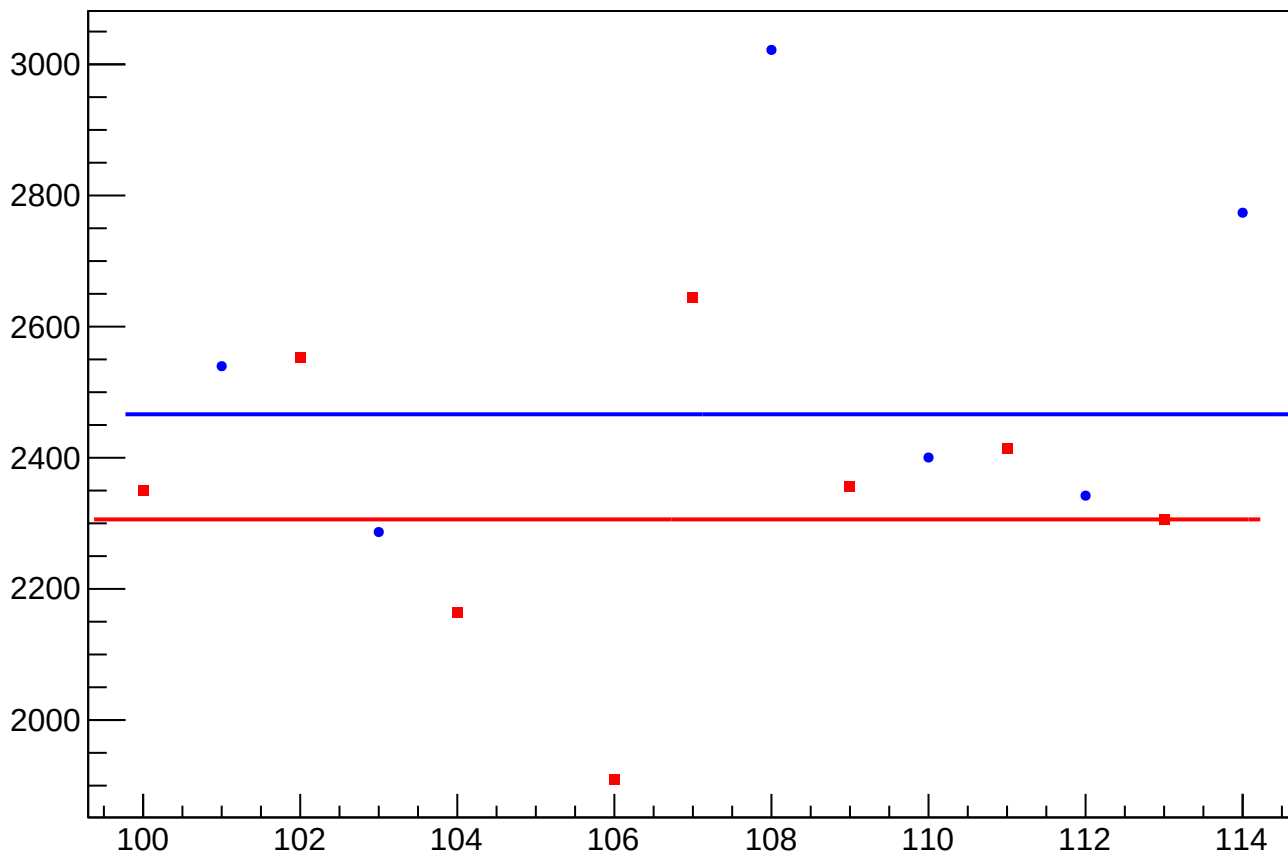
Right: 35.416 $\pm$ 0.983 χ^2 /NDF: 1229.4/13

In: 71.627 $\pm$ 1.526 χ^2 /NDF:104.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.416 $\pm$ 0.983 χ^2 /NDF: 1229.4/13

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2466.334+/-1.079 χ^2/NDF : 41320.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2306.015+/-0.908 χ^2/NDF : 53974.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

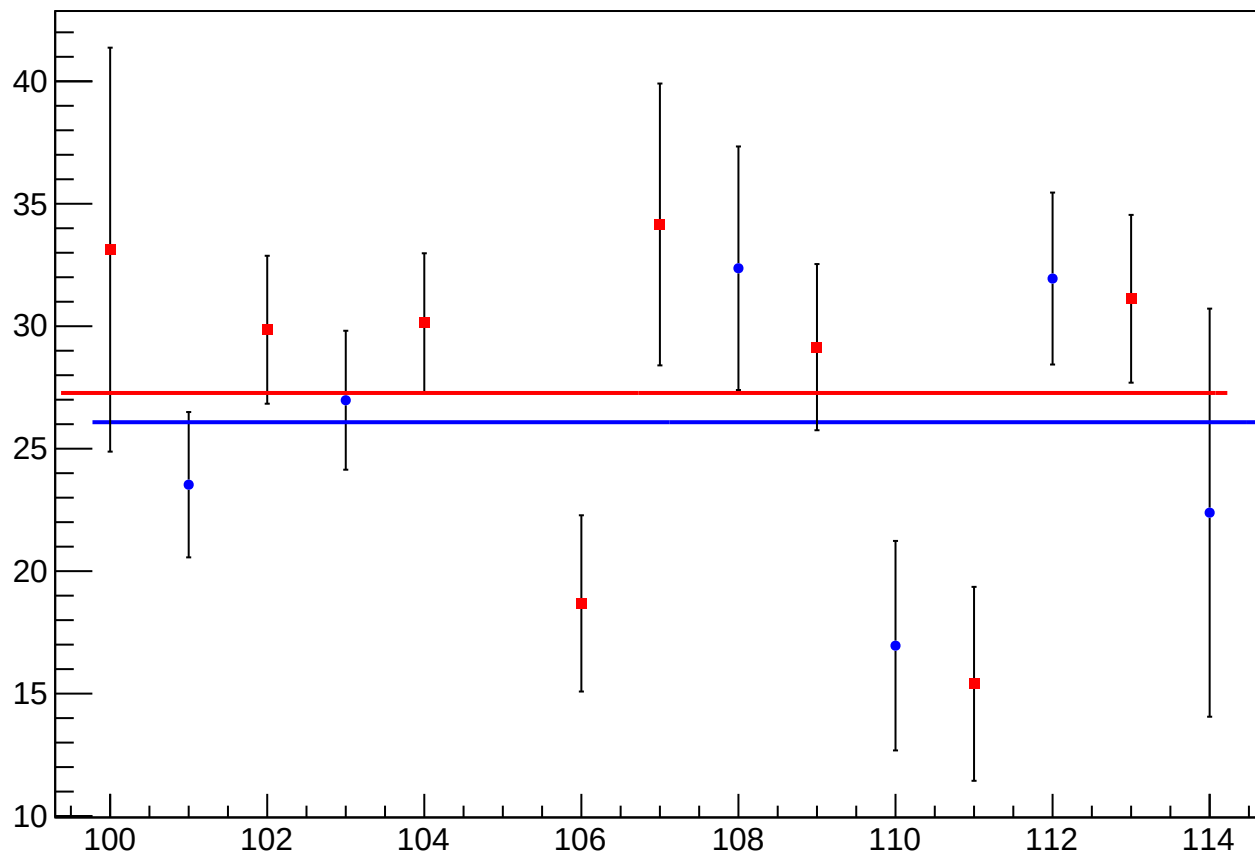
Right: 2372.530+/-0.695 χ^2/NDF : 108218.8/13

In: 2466.334+/-1.079 χ^2/NDF : 41320.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.530+/-0.695 χ^2/NDF : 108218.8/13

diff_bpm1i06Y_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

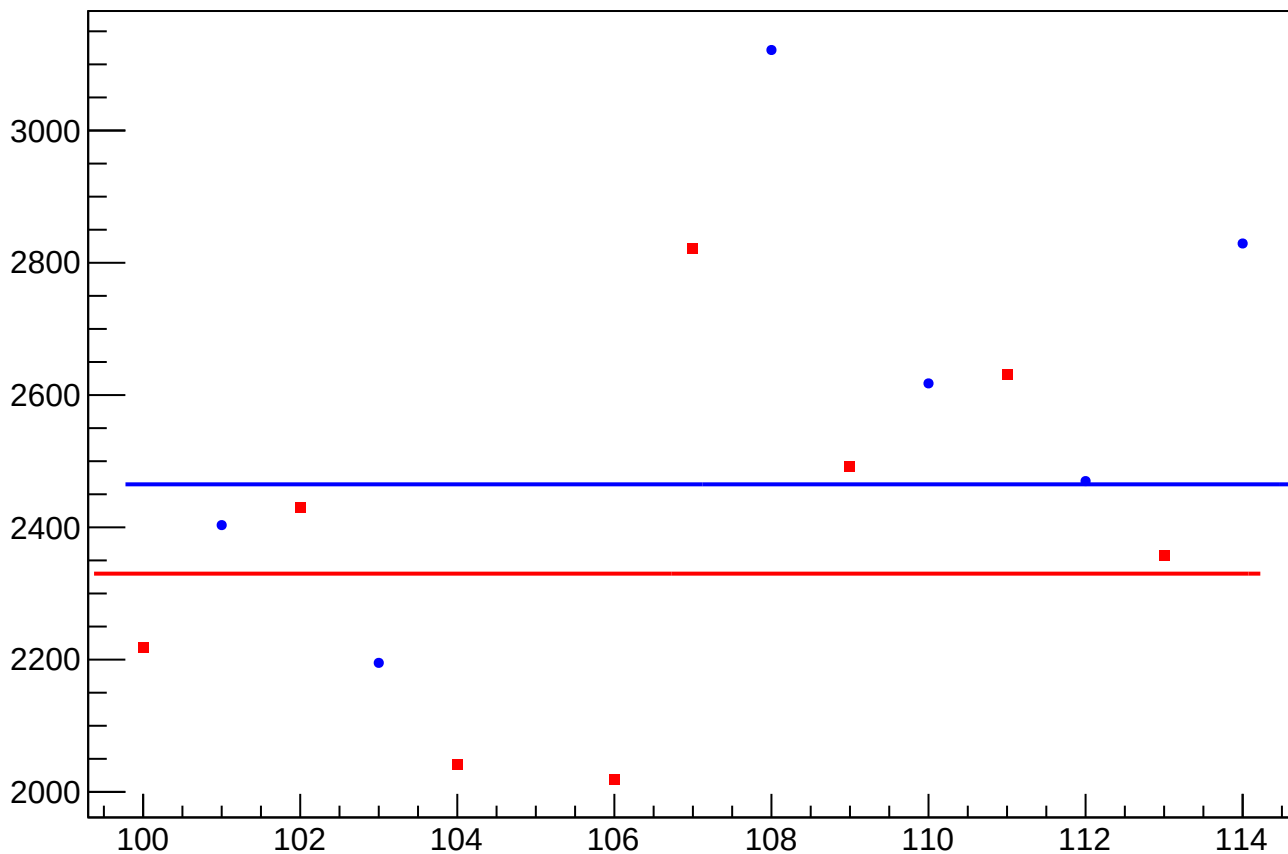
Right: 26.773 $\pm$ 0.990 χ^2 /NDF: 30.3/13

In: 26.081 $\pm$ 1.528 χ^2 /NDF: 10.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.773 $\pm$ 0.990 χ^2 /NDF: 30.3/13

diff_bpm1i06Y_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

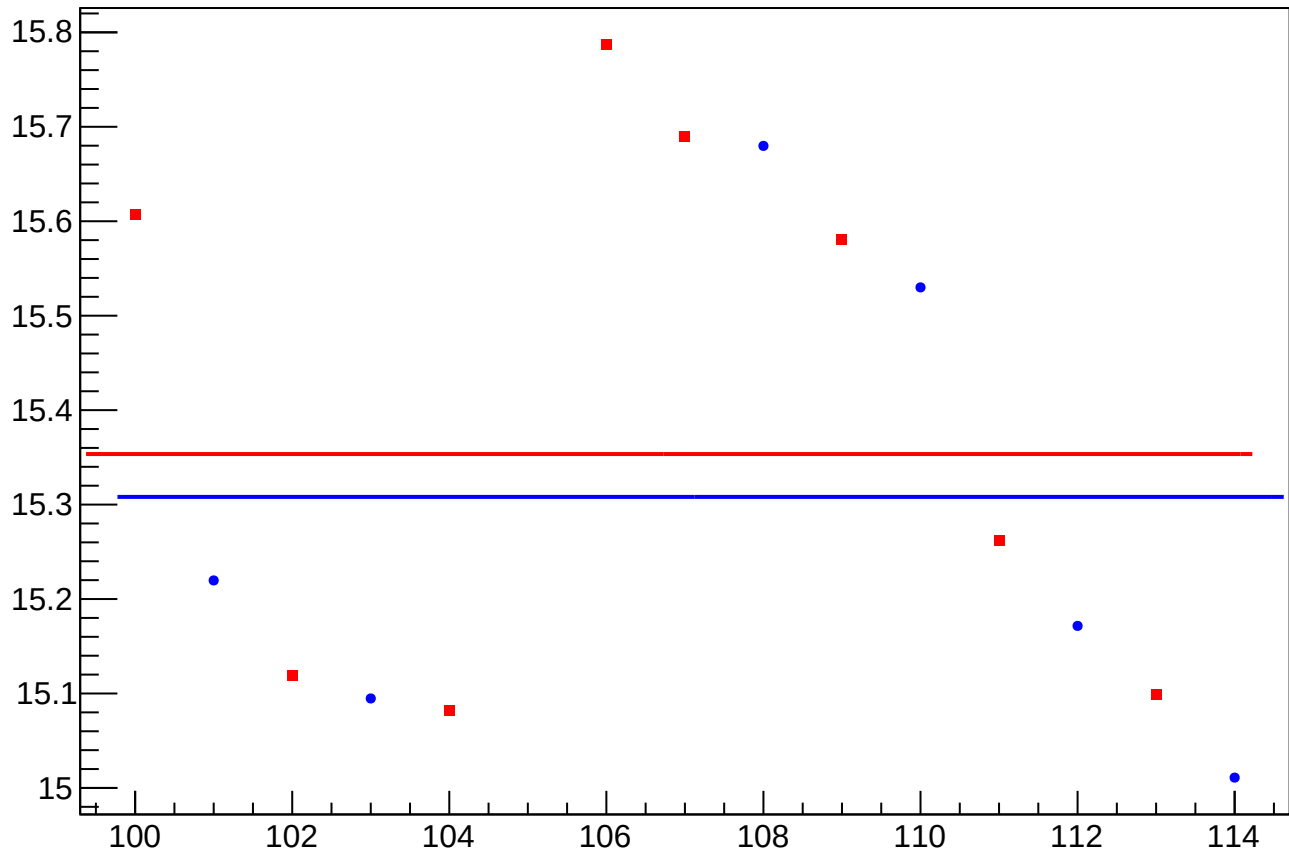
Right: 2386.730+/-0.700 χ^2/NDF : 138359.5/13

In: 2465.033+/-1.080 χ^2/NDF : 60240.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2386.730+/-0.700 χ^2/NDF : 138359.5/13

yield_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

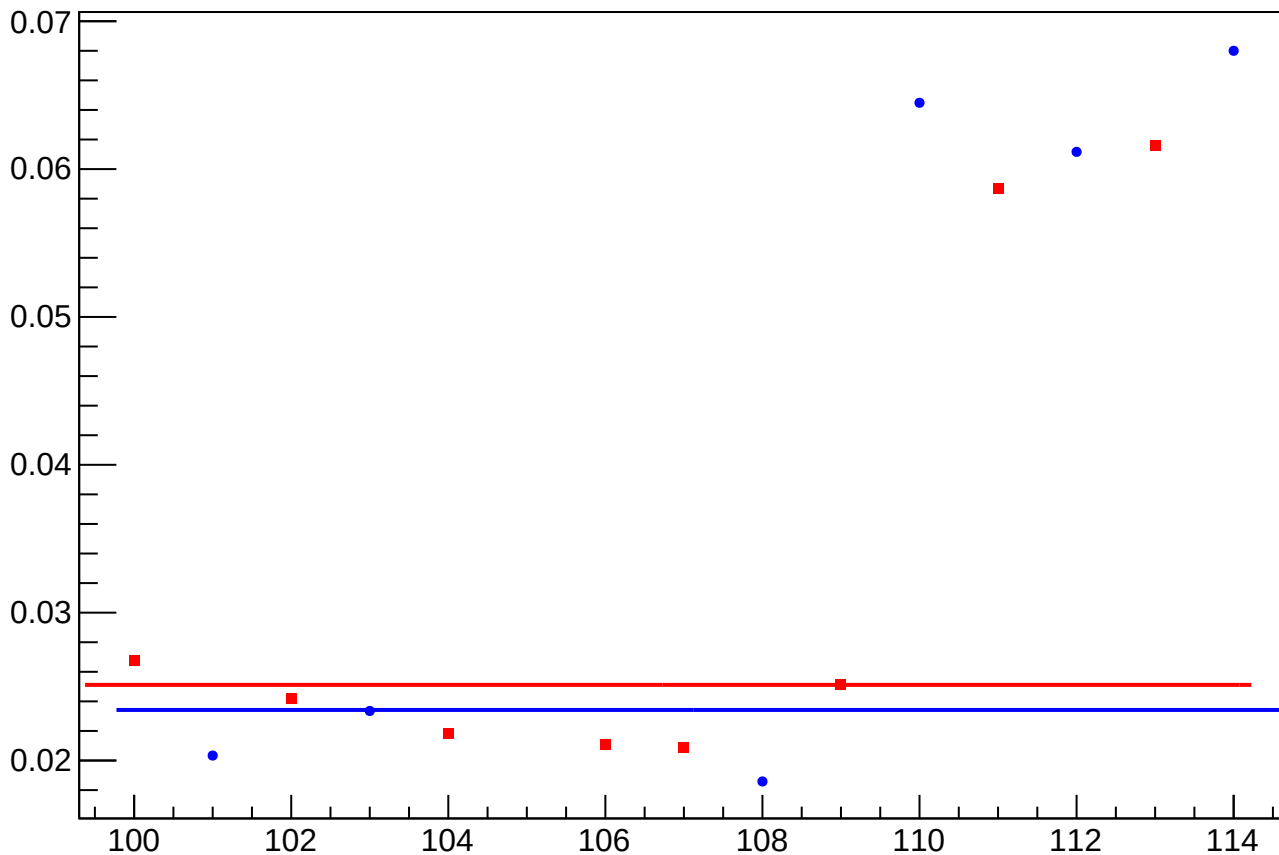
Right: 15.332+/-0.000 χ^2/NDF : 536523440.6/13

In: 15.308+/-0.000 χ^2/NDF : 198144675.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.332+/-0.000 χ^2/NDF : 536523440.6/13

yield_sam1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

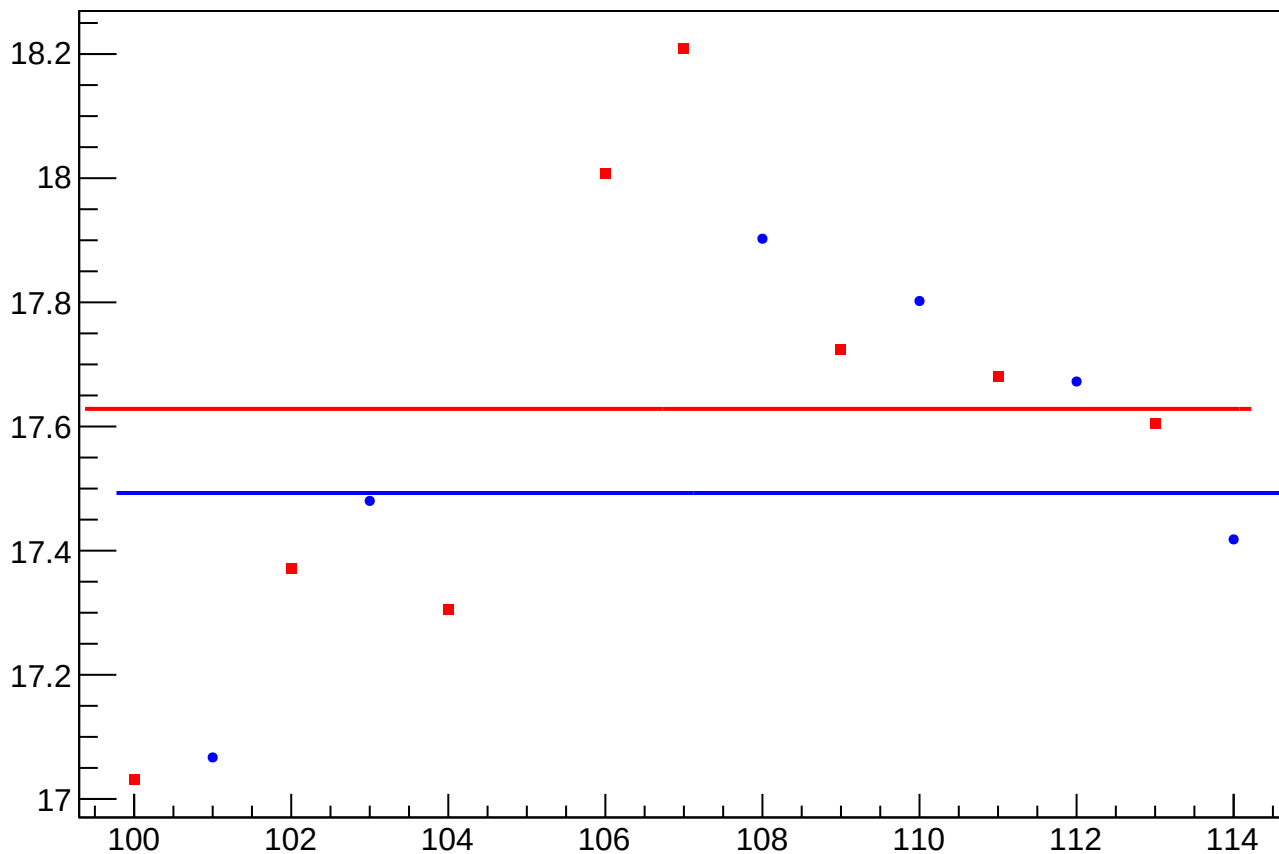
Right: 0.024+/-0.000 χ^2/NDF : 1441577.7/13

In: 0.023+/-0.000 χ^2/NDF :786897.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1441577.7/13

yield_sam2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

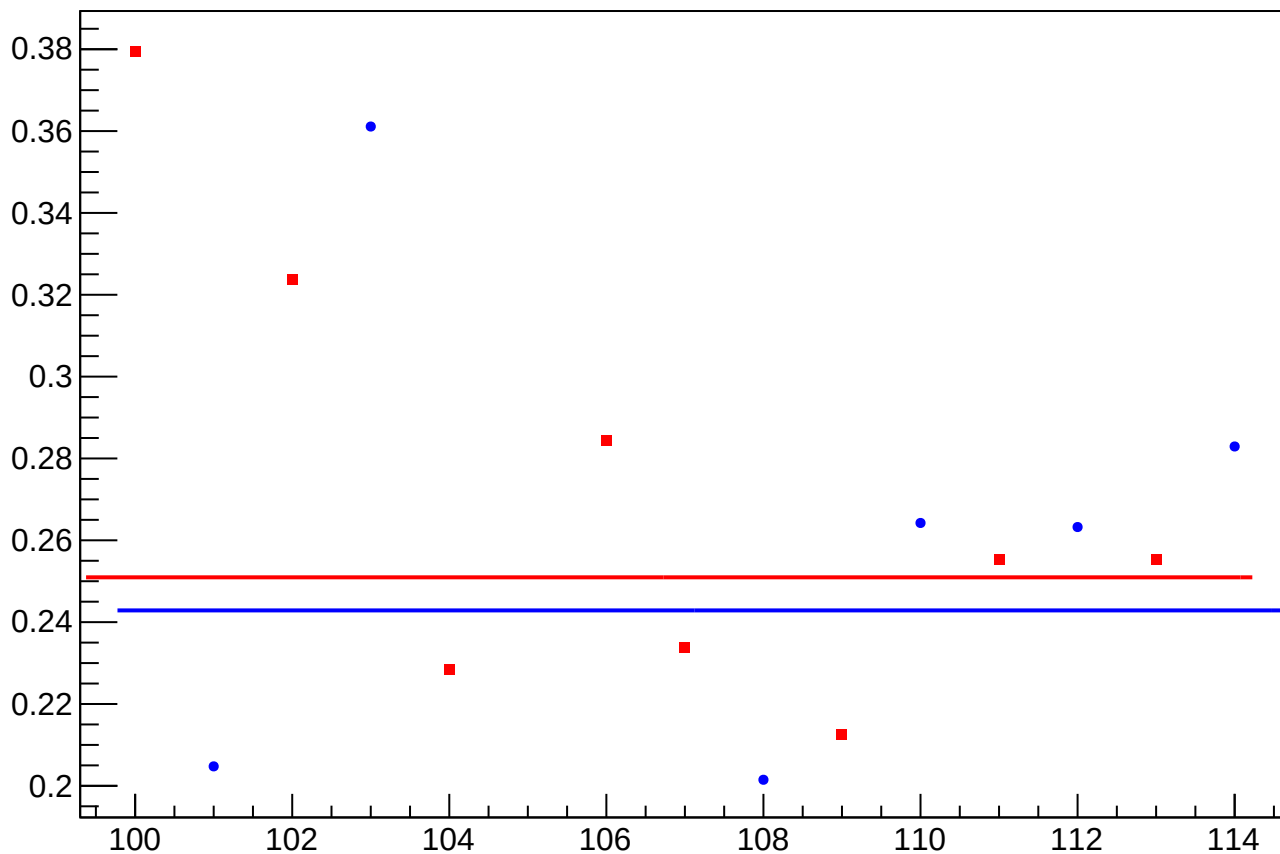
Right: 17.565+/-0.000 χ^2/NDF : 7904071.0/13

In: 17.493+/-0.000 χ^2/NDF : 4394784.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.565+/-0.000 χ^2/NDF : 7904071.0/13

yield_sam2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

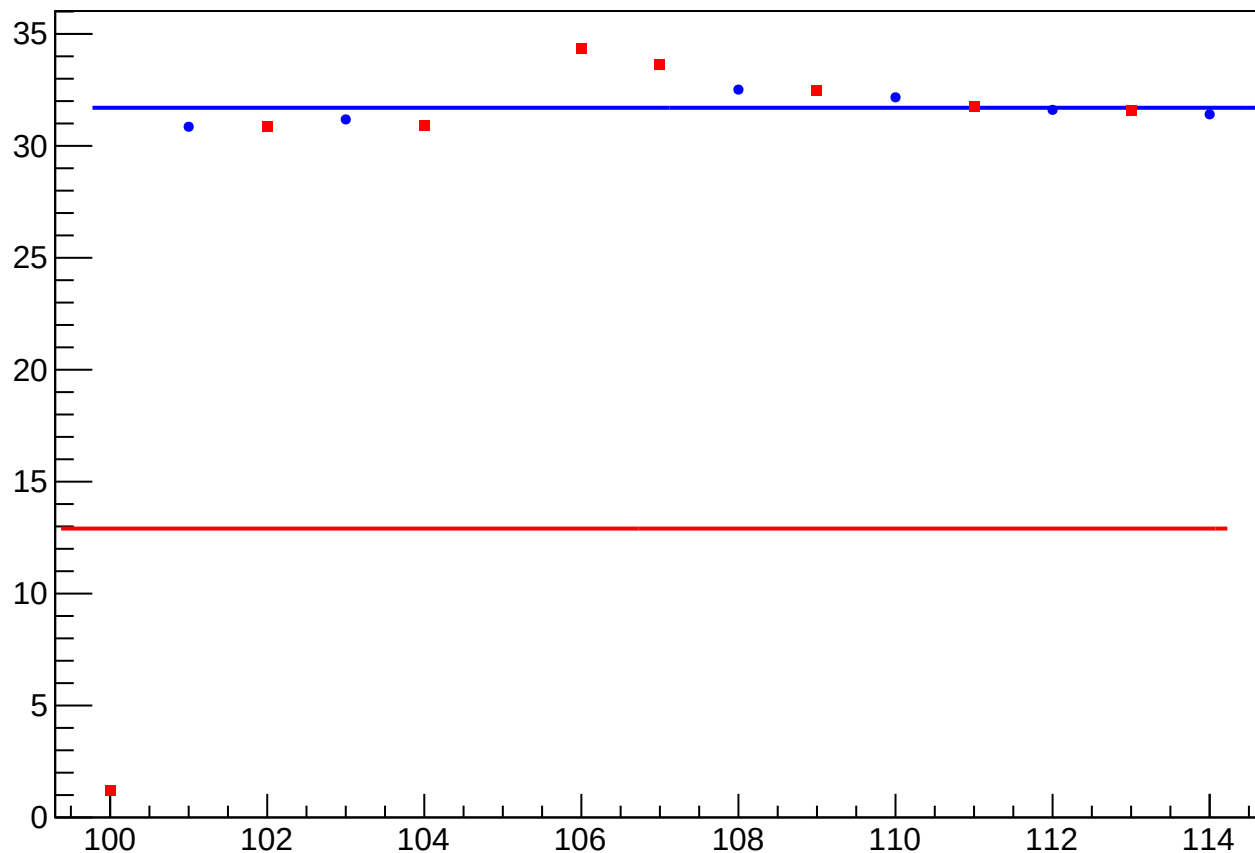
Right: 0.247+/-0.000 χ^2/NDF : 332712.3/13

In: 0.243+/-0.000 χ^2/NDF :206961.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.247+/-0.000 χ^2/NDF : 332712.3/13

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.702+/-0.000 χ^2/NDF : 37168789.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.905+/-0.000 χ^2/NDF : 140421437757.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

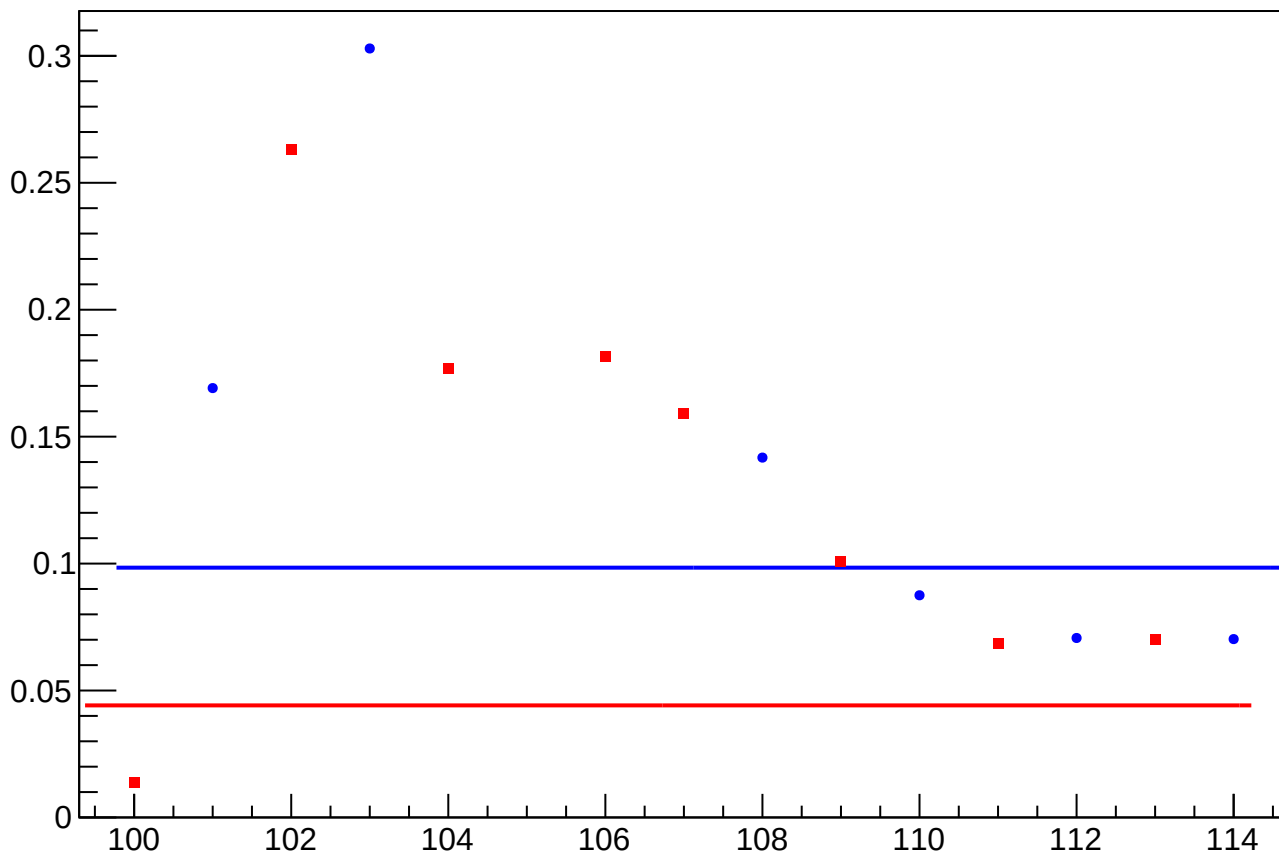
Right: 17.184+/-0.000 χ^2/NDF : 191235601559.7/13

In: 31.702+/-0.000 χ^2/NDF : 37168789.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.184+/-0.000 χ^2/NDF : 191235601559.7/13

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.098+/-0.000 χ^2/NDF : 947961.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 2917829.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

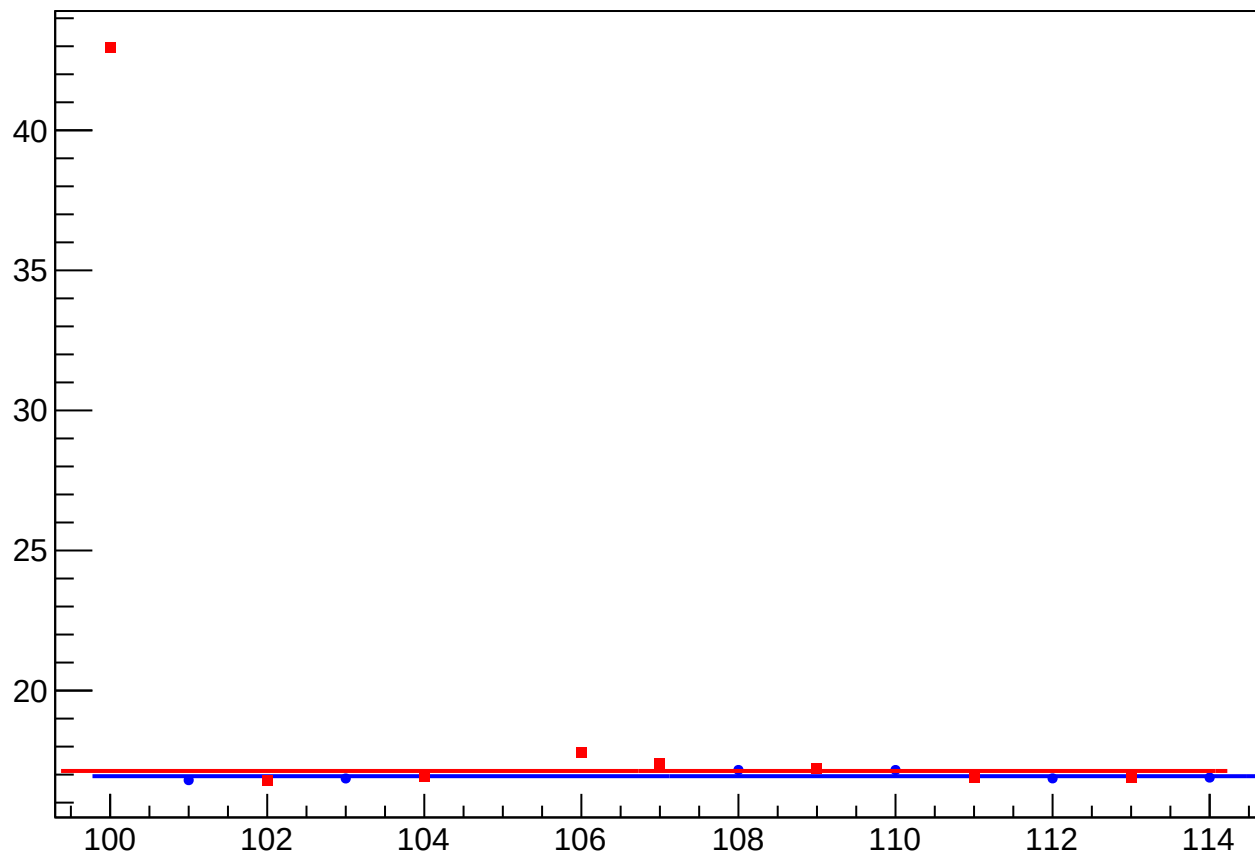
Right: 0.056+/-0.000 χ^2/NDF : 4711864.0/13

In: 0.098+/-0.000 χ^2/NDF : 947961.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.056+/-0.000 χ^2/NDF : 4711864.0/13

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.944+/-0.000 χ^2/NDF : 4278646.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.130+/-0.000 χ^2/NDF : 259030839.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

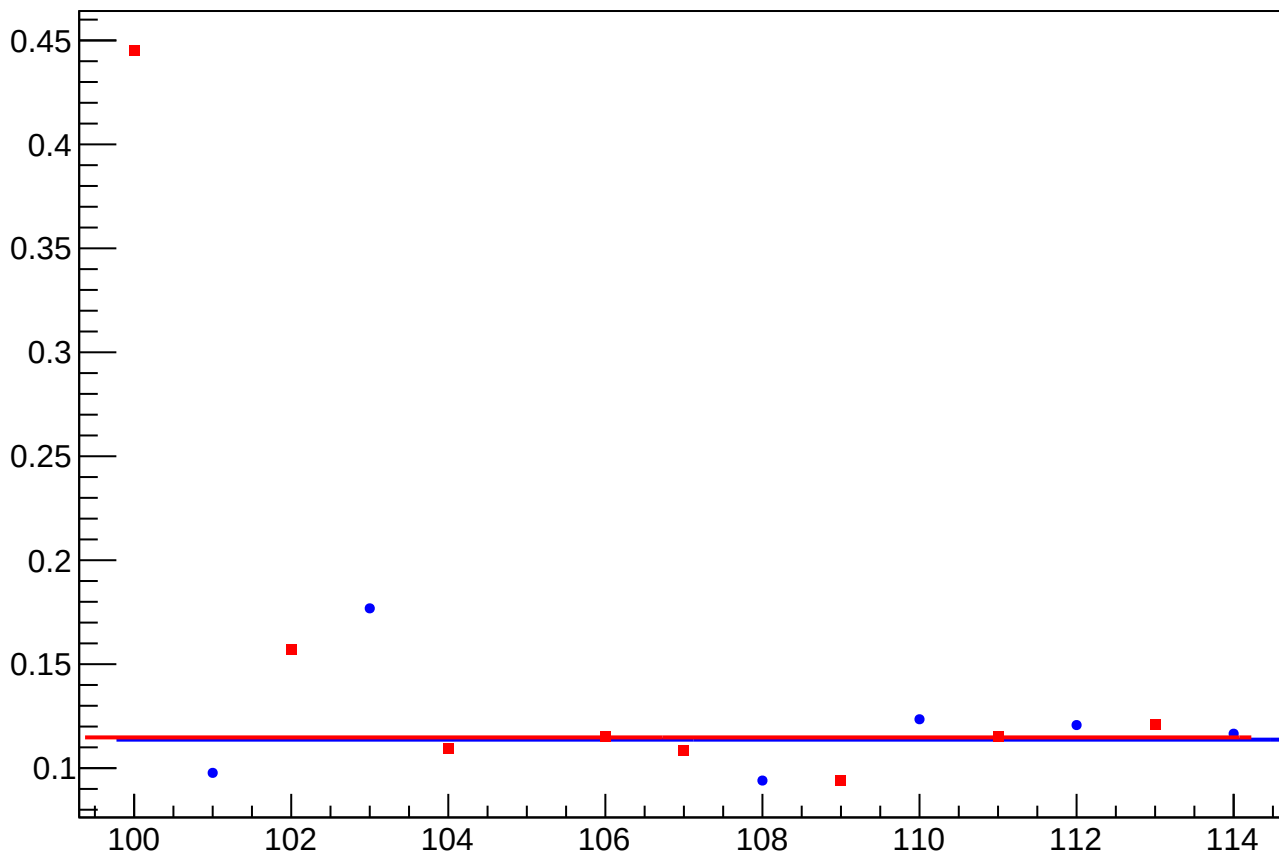
Right: 17.044+/-0.000 χ^2/NDF : 266568064.6/13

In: 16.944+/-0.000 χ^2/NDF : 4278646.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.044+/-0.000 χ^2/NDF : 266568064.6/13

yield_sam4_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

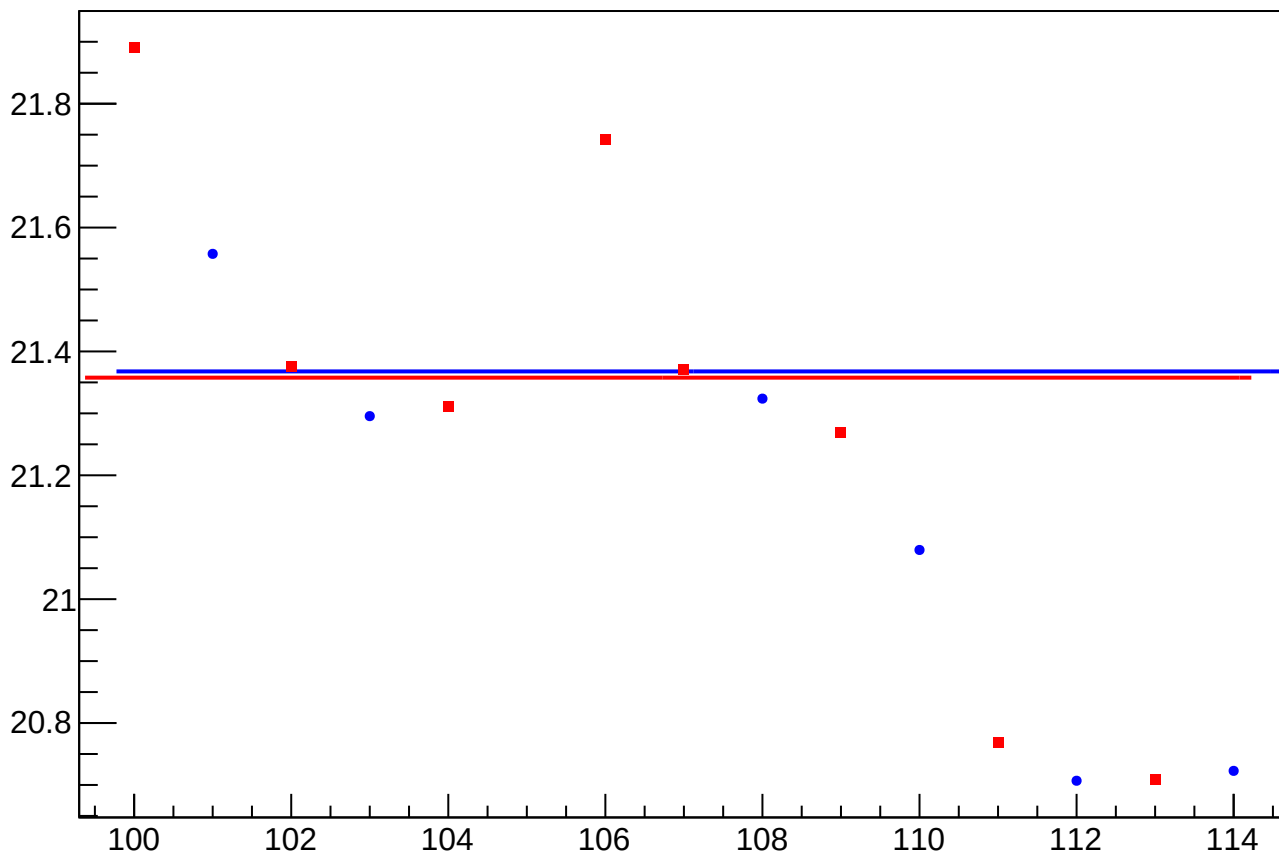
Right: 0.114+/-0.000 χ^2/NDF : 424686.8/13

In: 0.114+/-0.000 χ^2/NDF : 214278.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.000 χ^2/NDF : 424686.8/13

yield_sam5_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

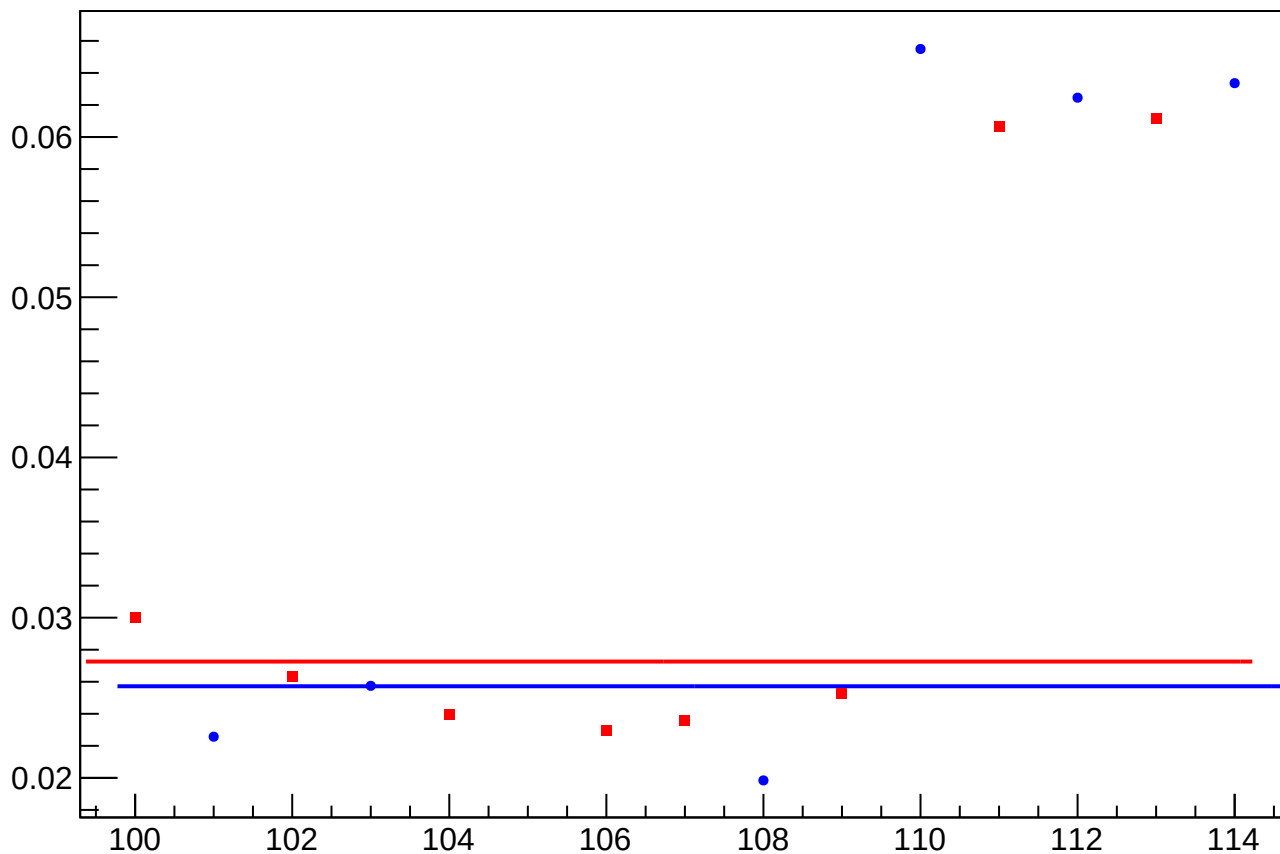
Right: 21.362+/-0.000 χ^2/NDF : 302099044.6/13

In: 21.368+/-0.000 χ^2/NDF : 117102651.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.362+/-0.000 χ^2/NDF : 302099044.6/13

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 718180.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 577849.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

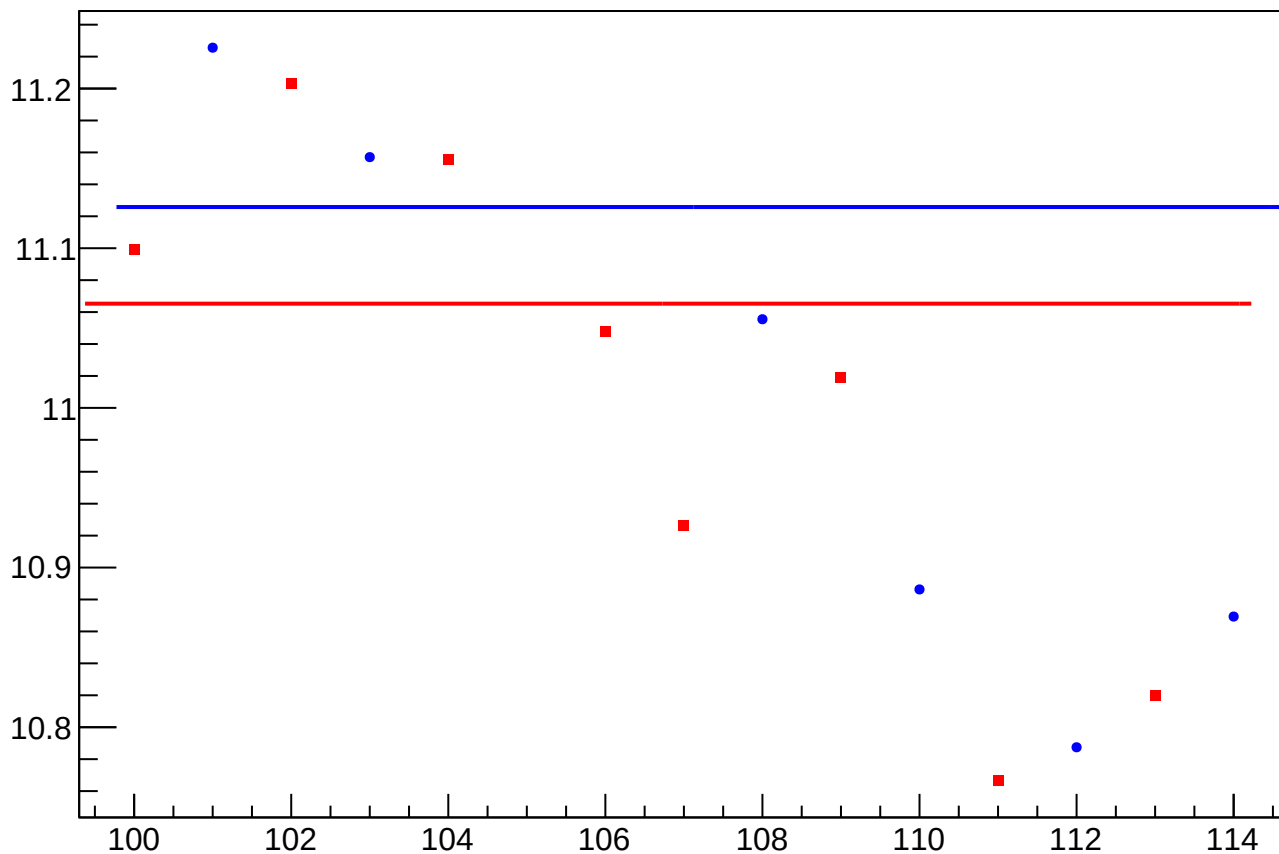
Right: 0.027+/-0.000 χ^2/NDF : 1303702.4/13

In: 0.026+/-0.000 χ^2/NDF : 718180.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 1303702.4/13

yield_sam6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

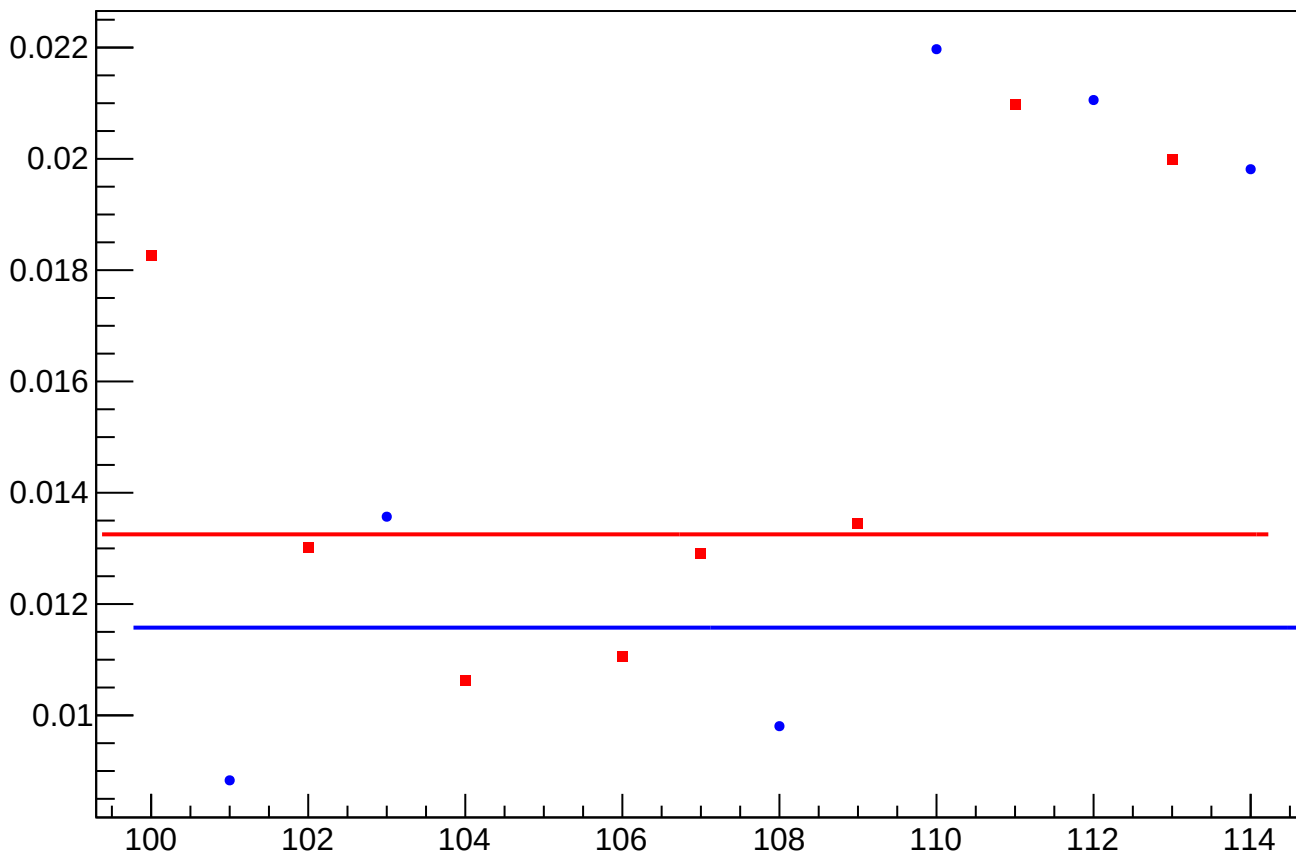
Right: 11.096+/-0.000 χ^2/NDF : 581851525.5/13

In: 11.126+/-0.000 χ^2/NDF : 268580592.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.096+/-0.000 χ^2/NDF : 581851525.5/13

yield_sam6_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

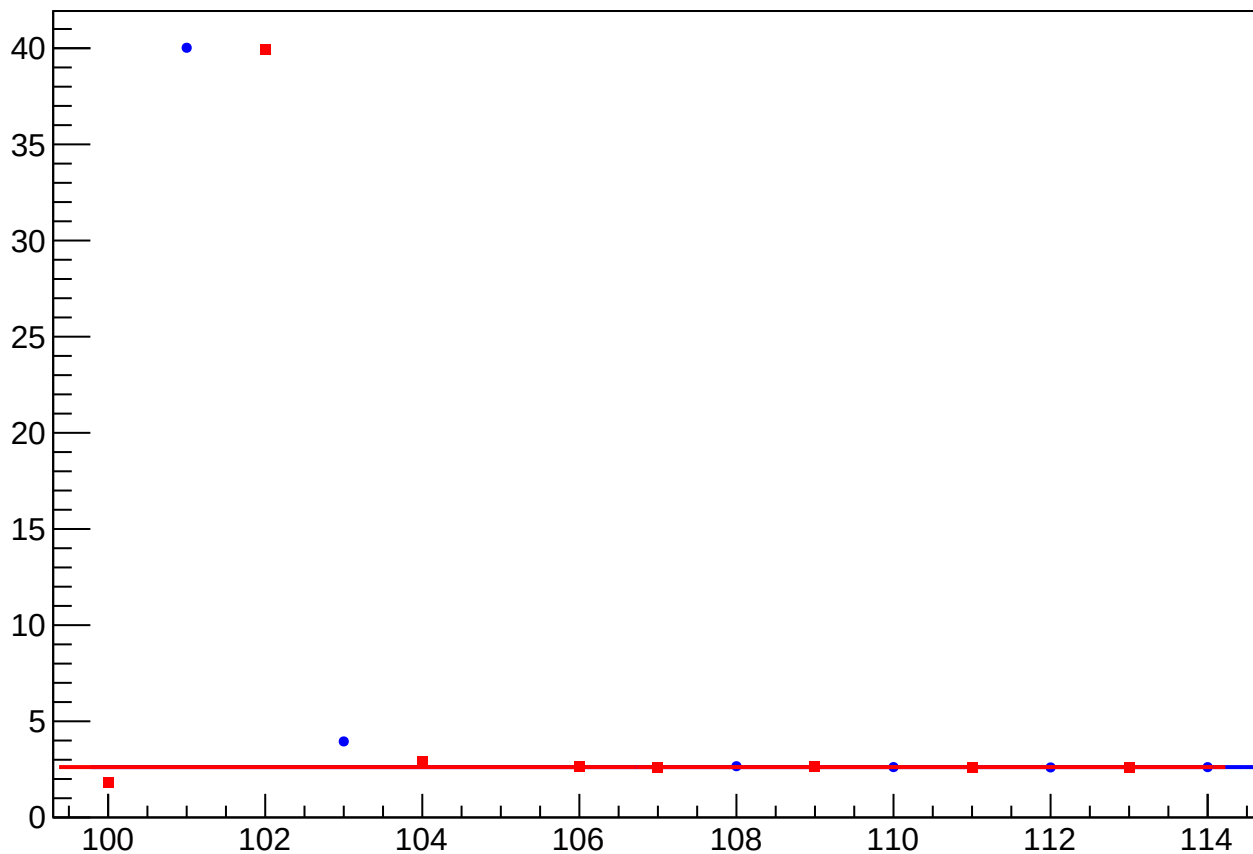
Right: 0.012+/-0.000 χ^2/NDF : 875332.9/13

In: 0.012+/-0.000 χ^2/NDF : 527031.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 875332.9/13

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.618+/-0.000

χ^2/NDF : 62122603448.0/5

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.619+/-0.000

χ^2/NDF : 122681863581.2/13

Right Out: 2.619+/-0.000

χ^2/NDF : 60558899702.0/7

In: 2.618+/-0.000

χ^2/NDF : 62122603448.0/5

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

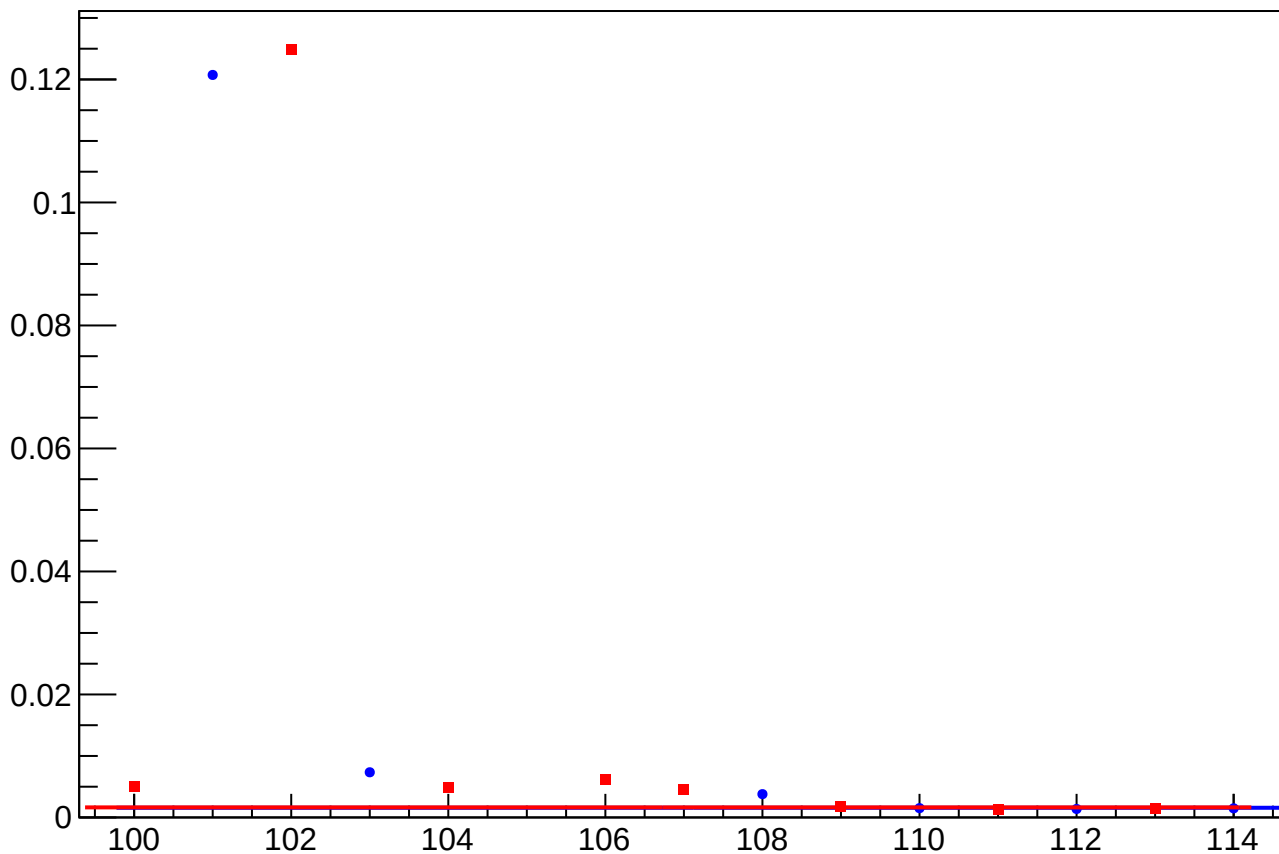
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.619+/-0.000

χ^2/NDF : 122681863581.2

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1531571.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2100580.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

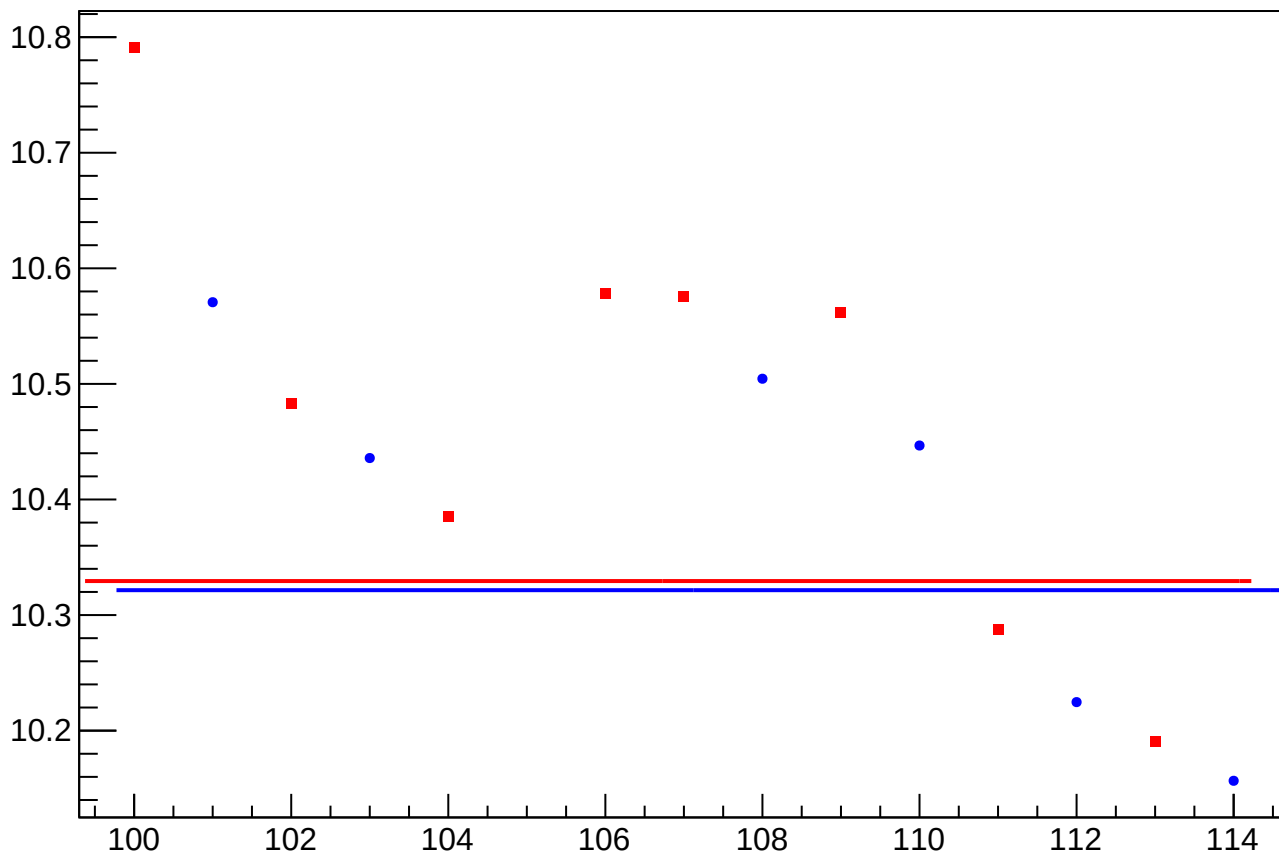
Right: 0.002+/-0.000 χ^2/NDF : 3634260.1/13

In: 0.002+/-0.000 χ^2/NDF : 1531571.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3634260.1/13

yield_sam8_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

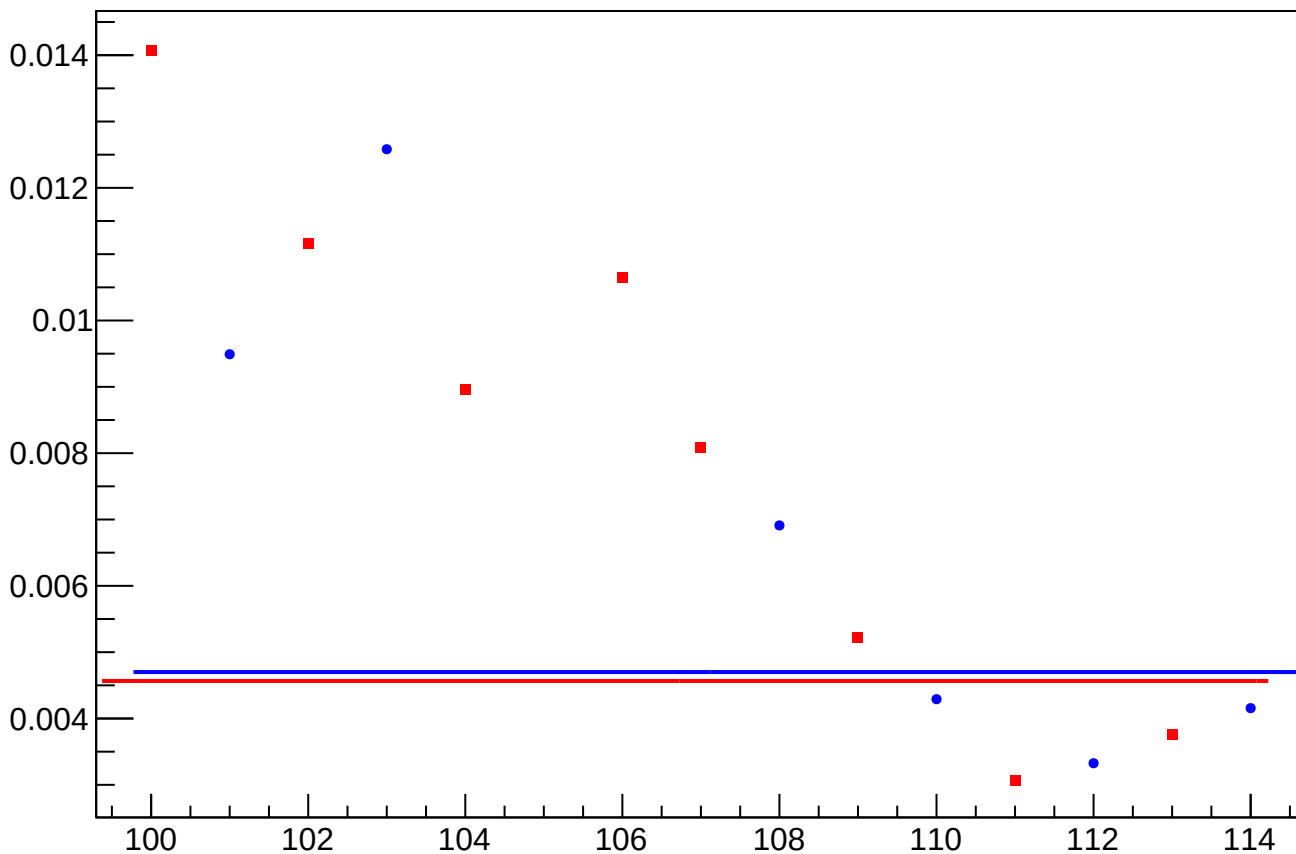
Right: 10.326+/-0.000 χ^2/NDF : 3601621420.7/13

In: 10.322+/-0.000 χ^2/NDF :1475246529.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.326+/-0.000 χ^2/NDF : 3601621420.7/13

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 957880.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1212478.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

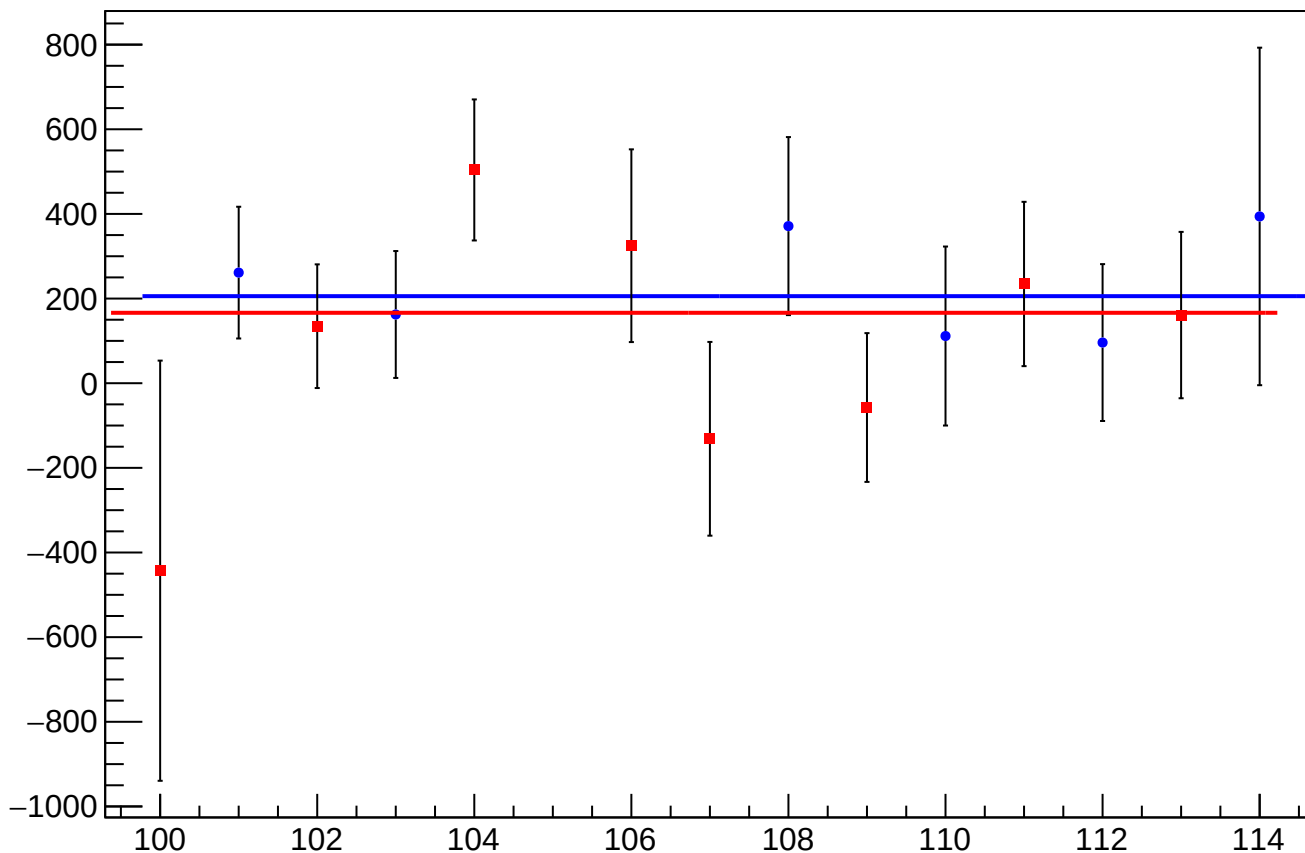
Right: 0.005+/-0.000 χ^2/NDF : 2172079.1/13

In: 0.005+/-0.000 χ^2/NDF : 957880.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2172079.1/13

reg_asym_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

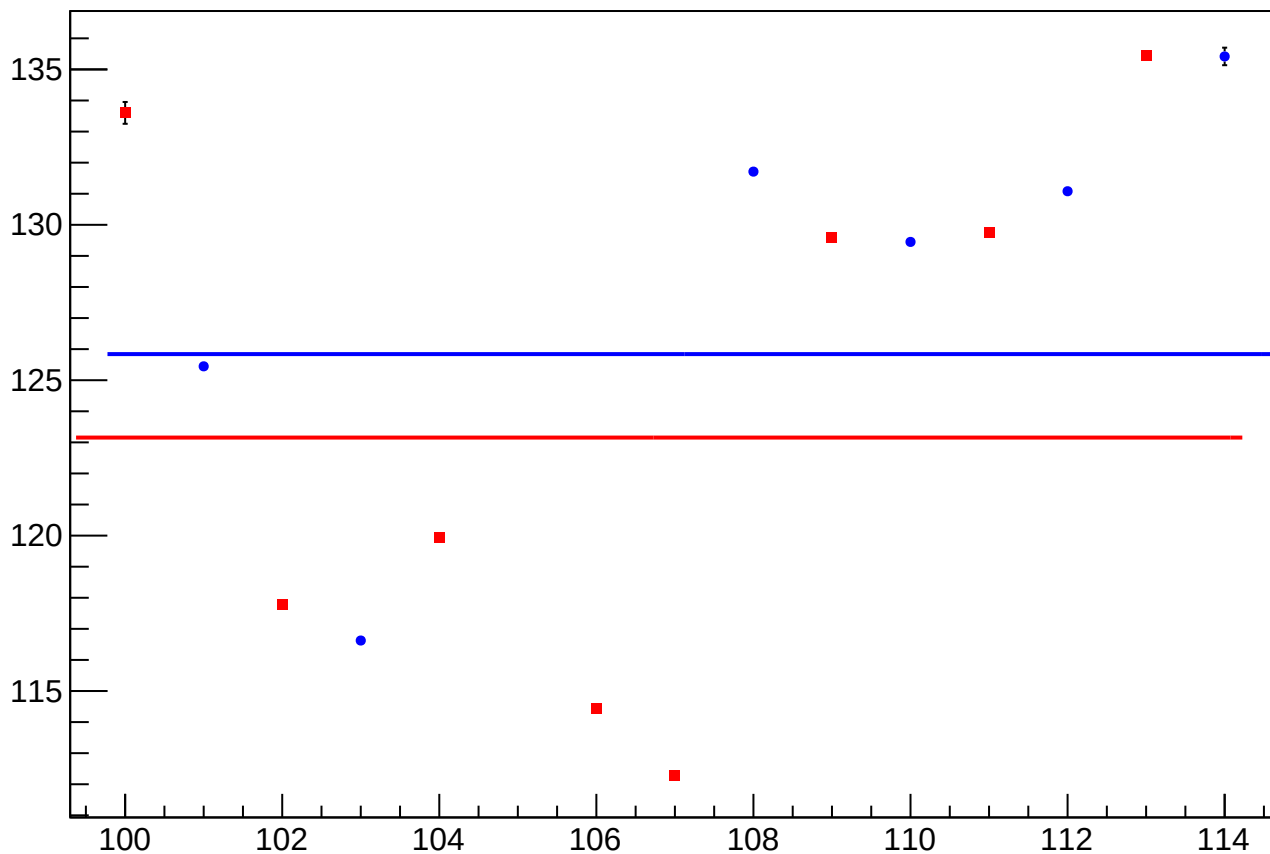
Right: 183.728 $\pm$ 51.555 χ^2 /NDF: 11.3/13

In: 205.673 $\pm$ 77.580 χ^2 /NDF: 1.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.728 $\pm$ 51.555 χ^2 /NDF: 11.3/13

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.840 ± 0.055 χ^2/NDF : 12465.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 123.155 ± 0.049 χ^2/NDF : 24615.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

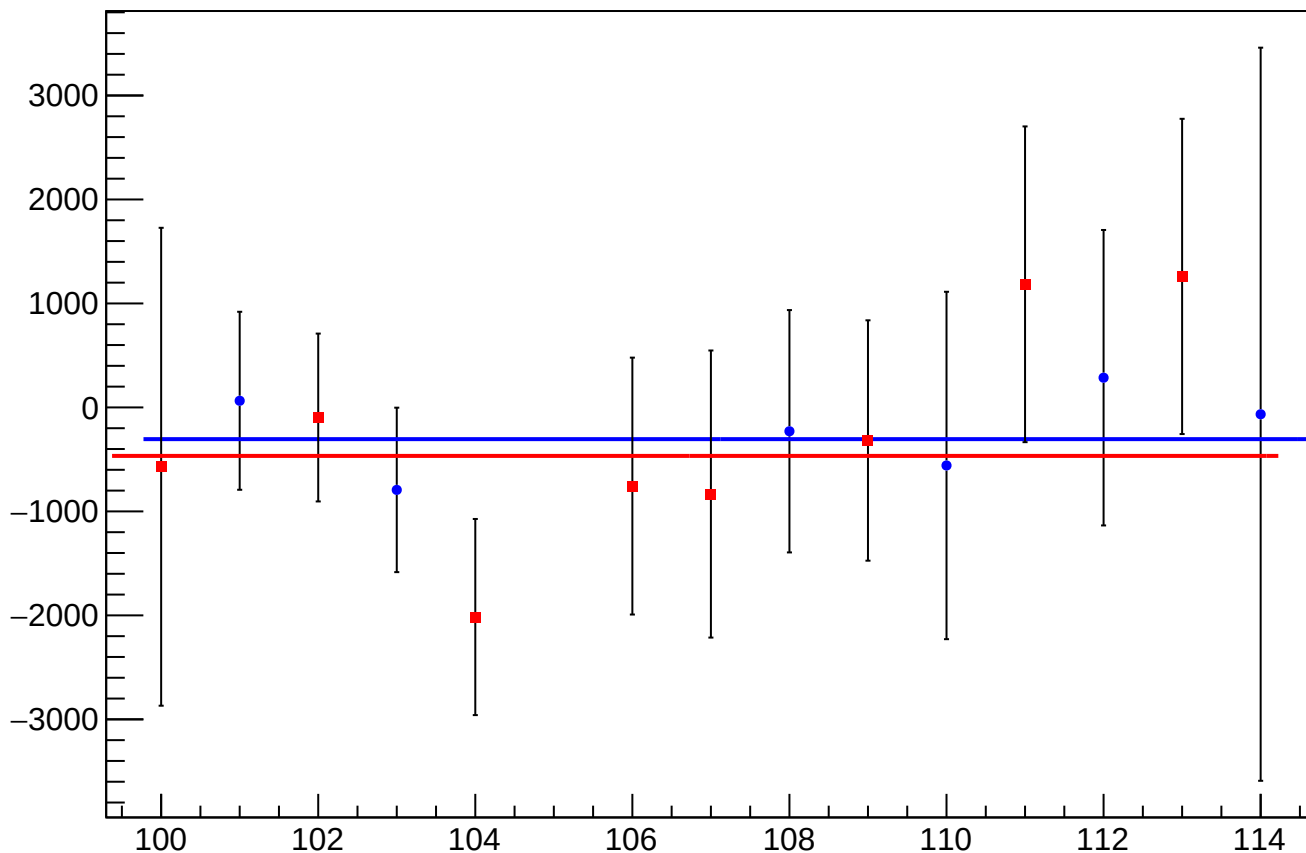
Right: 124.341 ± 0.036 χ^2/NDF : 38418.6/13

In: 125.840 ± 0.055 χ^2/NDF : 12465.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 124.341 ± 0.036 χ^2/NDF : 38418.6/13

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

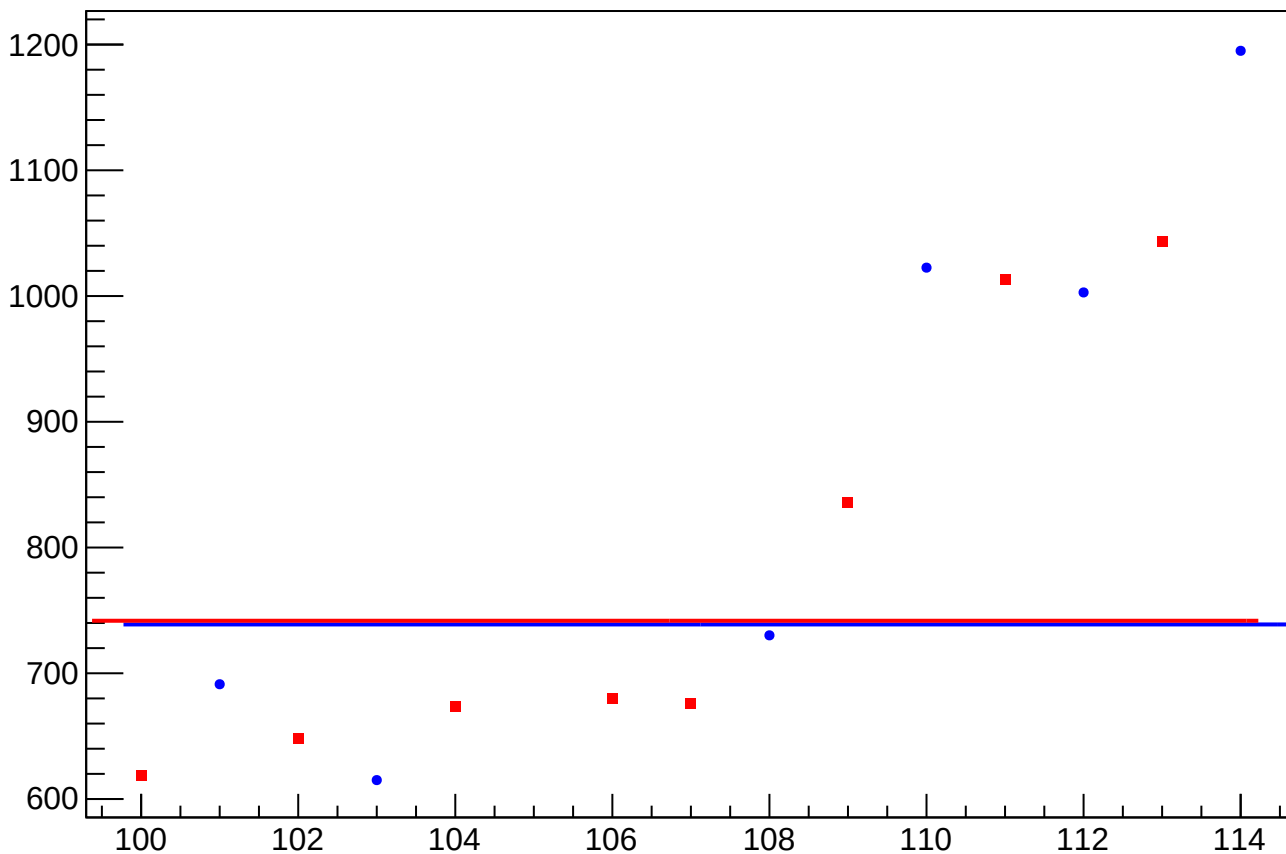
Right: -393.593+/-311.897 χ^2/NDF : 6.4/13

In: -305.053+/-464.533 χ^2/NDF : 0.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.593+/-311.897 χ^2/NDF : 6.4/13

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

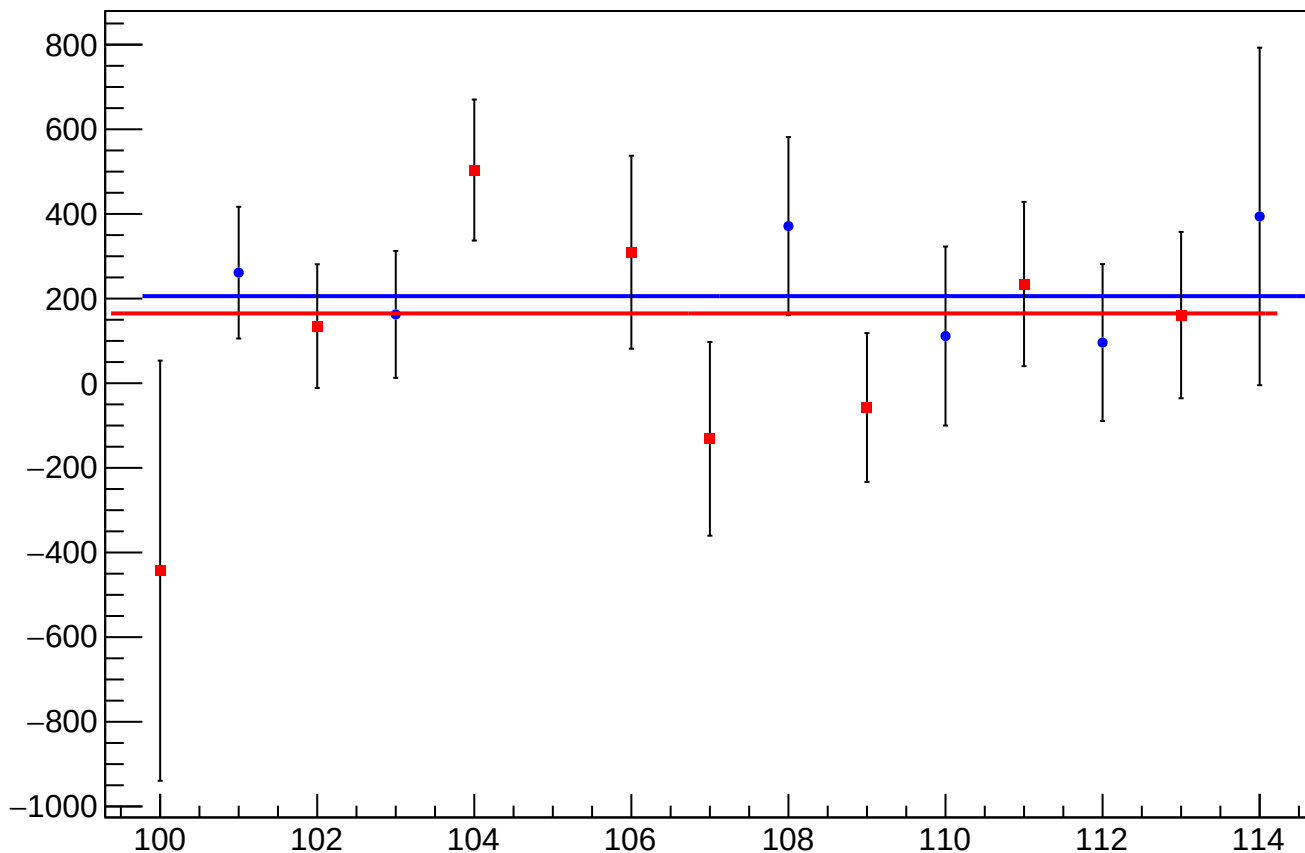
Right: 740.444+/-0.221 χ^2/NDF : 424774.5/13

In: 738.831+/-0.328 χ^2/NDF : 215531.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.444+/-0.221 χ^2/NDF : 424774.5/13

cor_asym_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

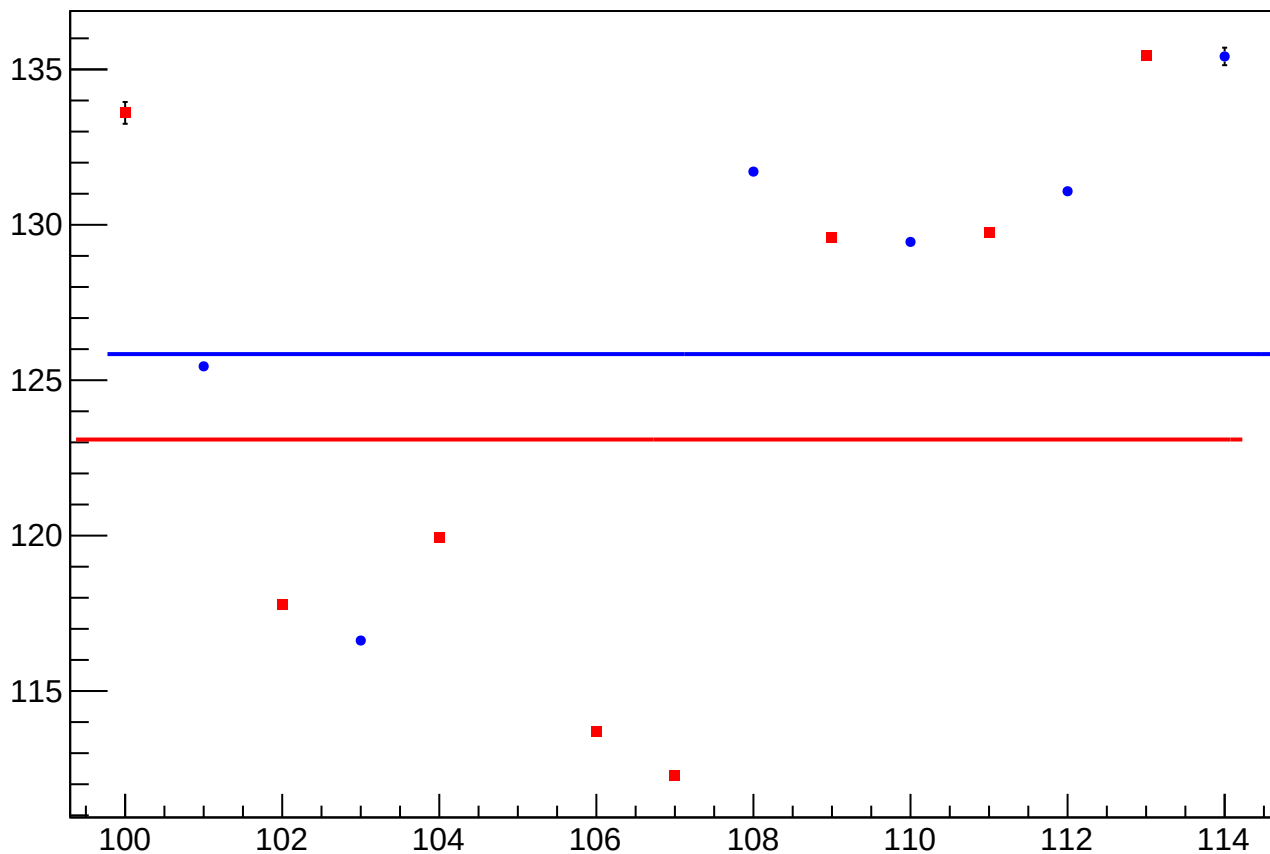
Right: 182.973 $\pm$ 51.559 χ^2 /NDF: 11.2/13

In: 205.750 $\pm$ 77.580 χ^2 /NDF:1.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 182.973 $\pm$ 51.559 χ^2 /NDF: 11.2/13

cor_asym_sam1_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

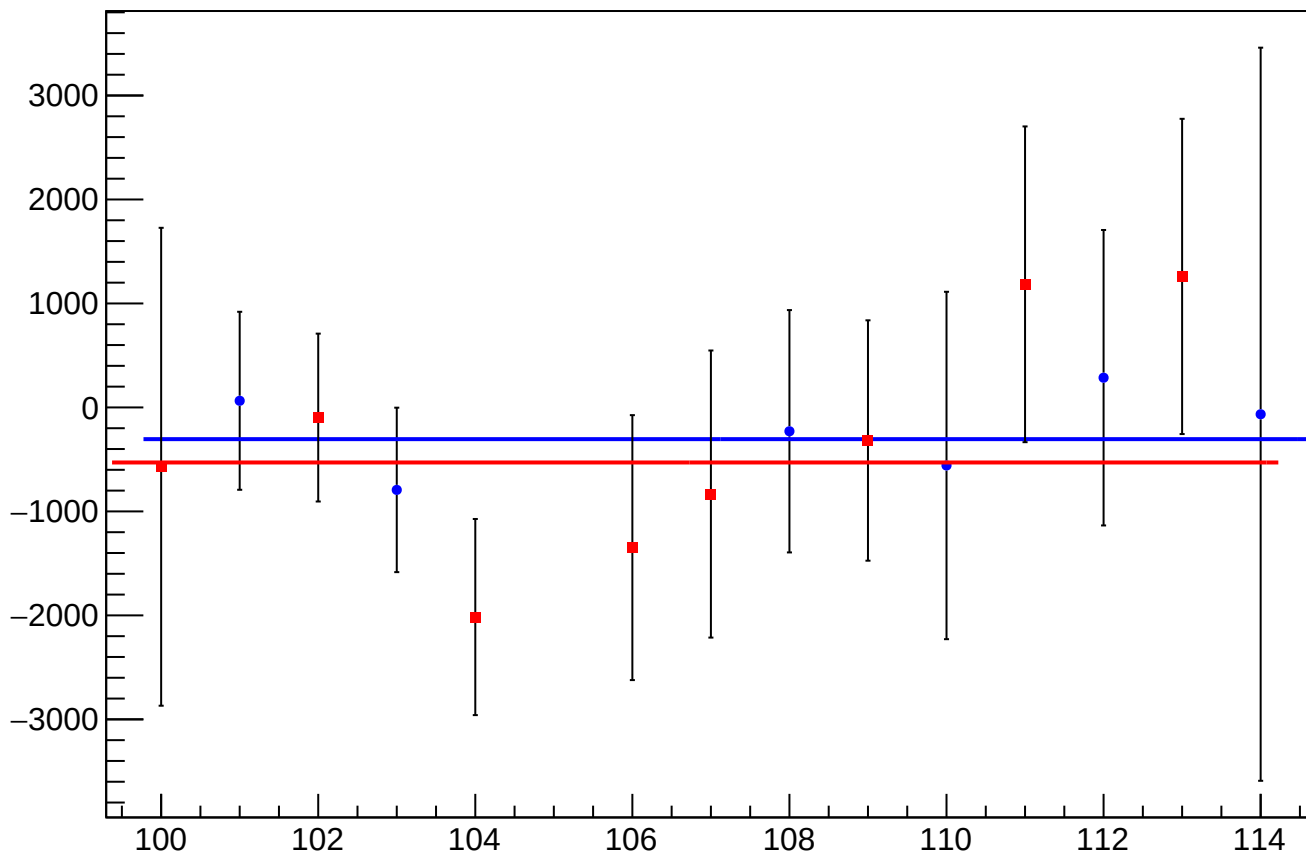
Right: 124.306 $\pm$ 0.036 χ^2 /NDF: 38975.3/13

In: 125.840 $\pm$ 0.055 χ^2 /NDF: 12465.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.306 $\pm$ 0.036 χ^2 /NDF: 38975.3/13

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

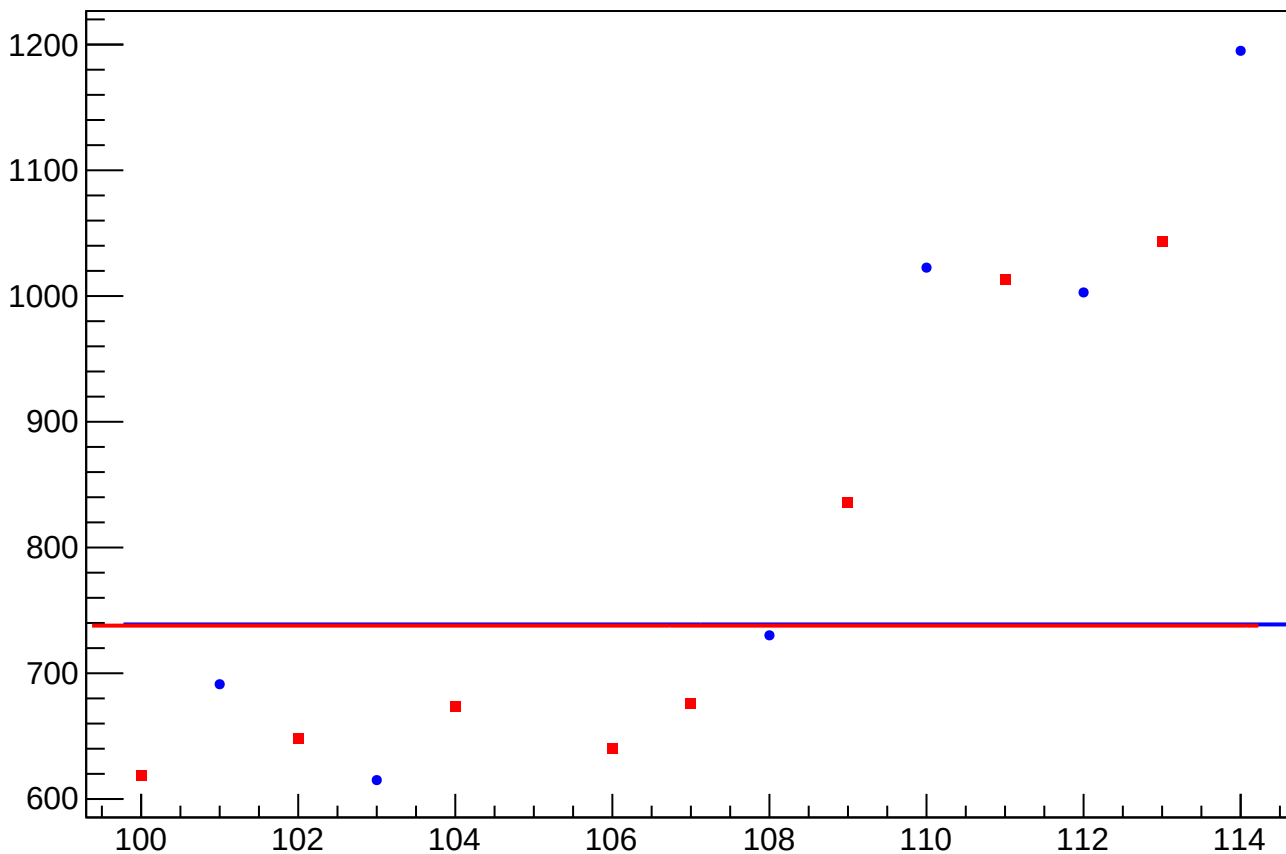
Right: -427.872+/-312.496 χ^2/NDF : 6.8/13

In: -305.029+/-464.532 χ^2/NDF : 0.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.872+/-312.496 χ^2/NDF : 6.8/13

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

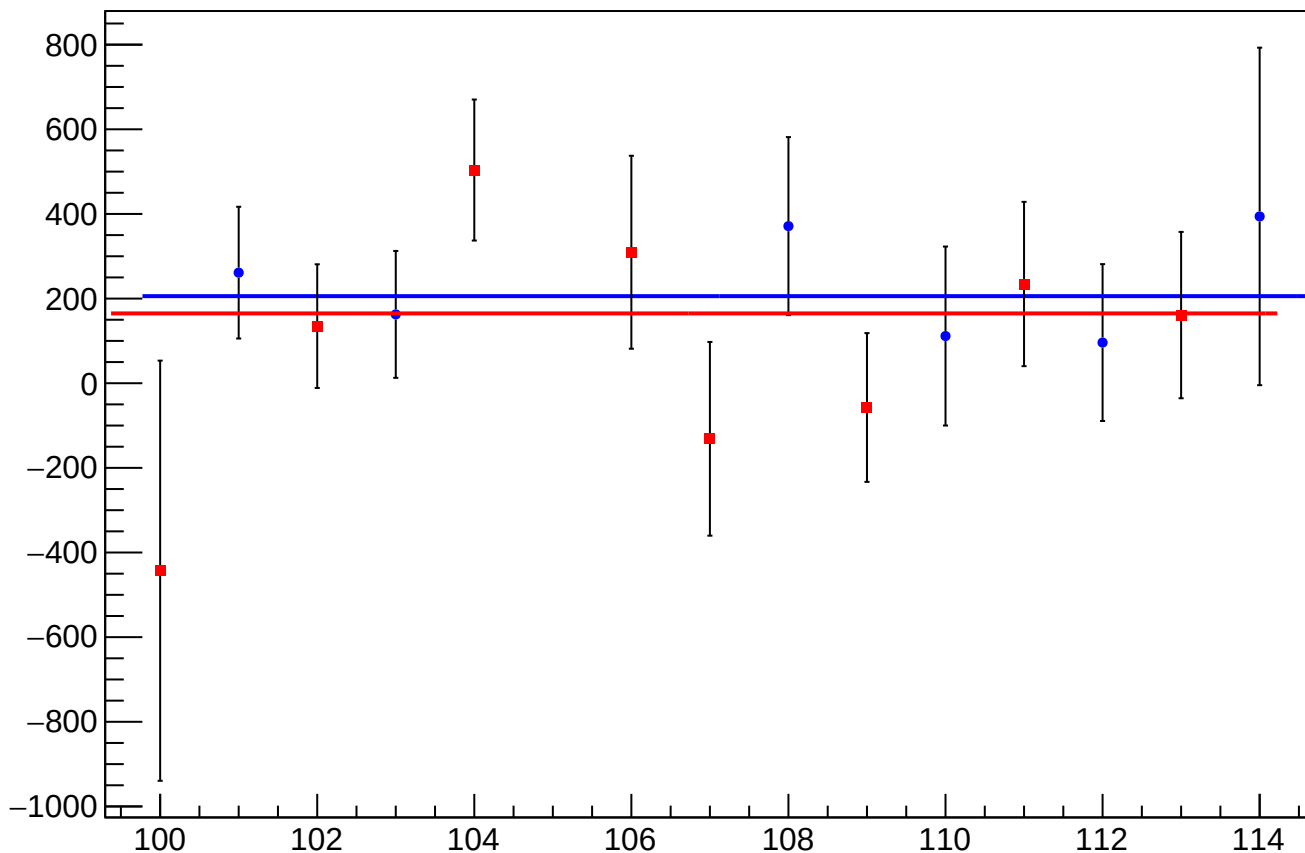
Right: 738.318+/-0.221 χ^2/NDF : 432173.9/13

In: 738.829+/-0.328 χ^2/NDF : 215537.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.318+/-0.221 χ^2/NDF : 432173.9/13

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

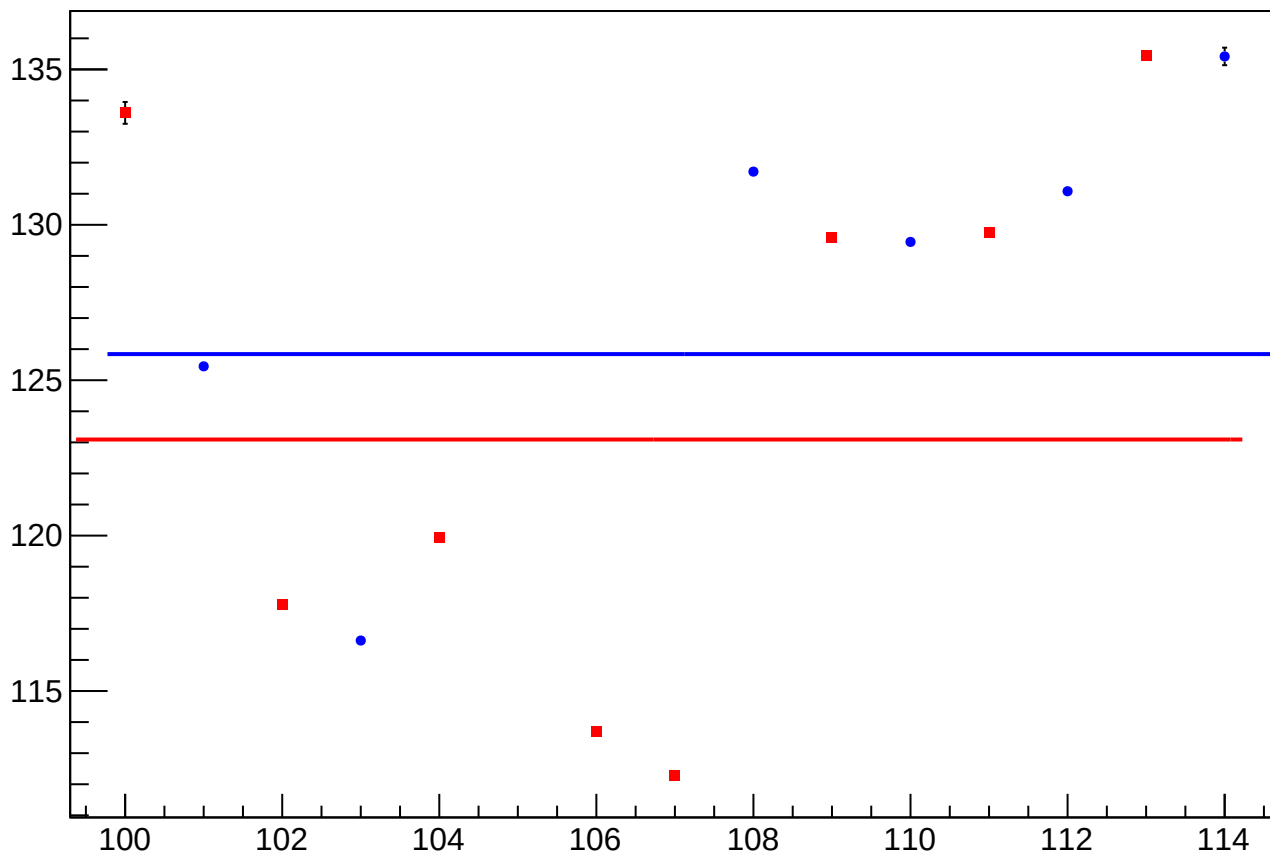
Right: 182.973 $\pm$ 51.559 χ^2 /NDF: 11.2/13

In: 205.750 $\pm$ 77.580 χ^2 /NDF:1.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 182.973 $\pm$ 51.559 χ^2 /NDF: 11.2/13

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

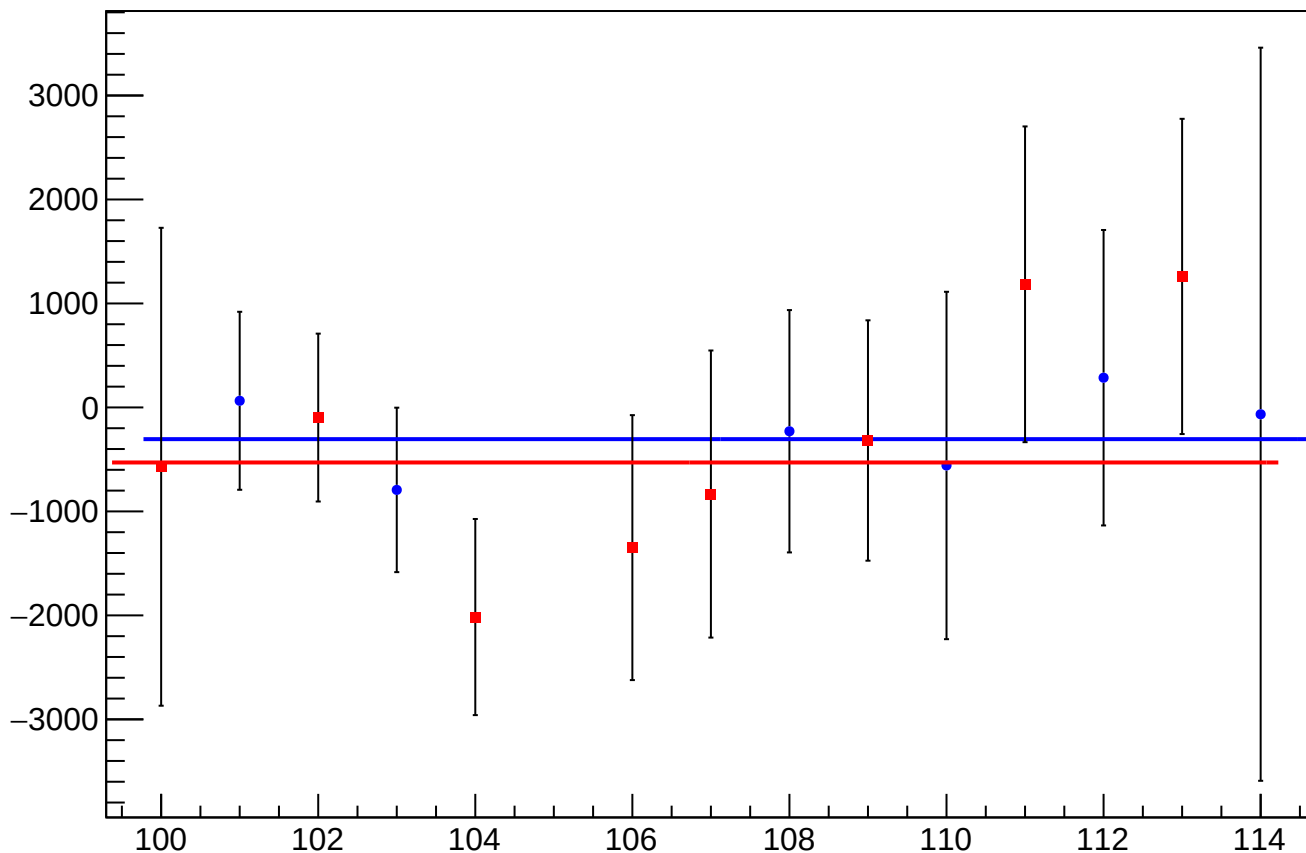
Right: 124.306 $\pm$ 0.036 χ^2 /NDF: 38975.3/13

In: 125.840 $\pm$ 0.055 χ^2 /NDF:12465.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.306 $\pm$ 0.036 χ^2 /NDF: 38975.3/13

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

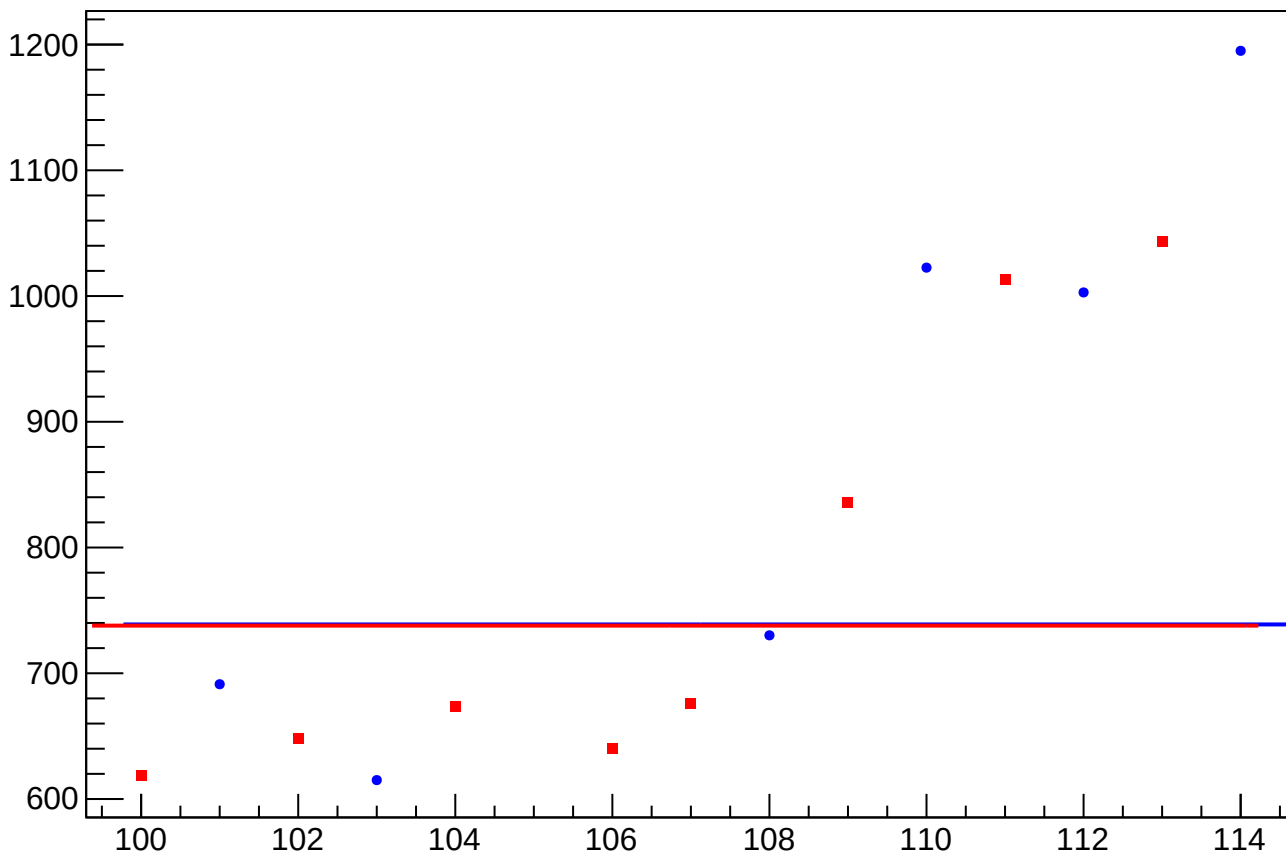
Right: -427.872+/-312.496 χ^2/NDF : 6.8/13

In: -305.029+/-464.532 χ^2/NDF : 0.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.872+/-312.496 χ^2/NDF : 6.8/13

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

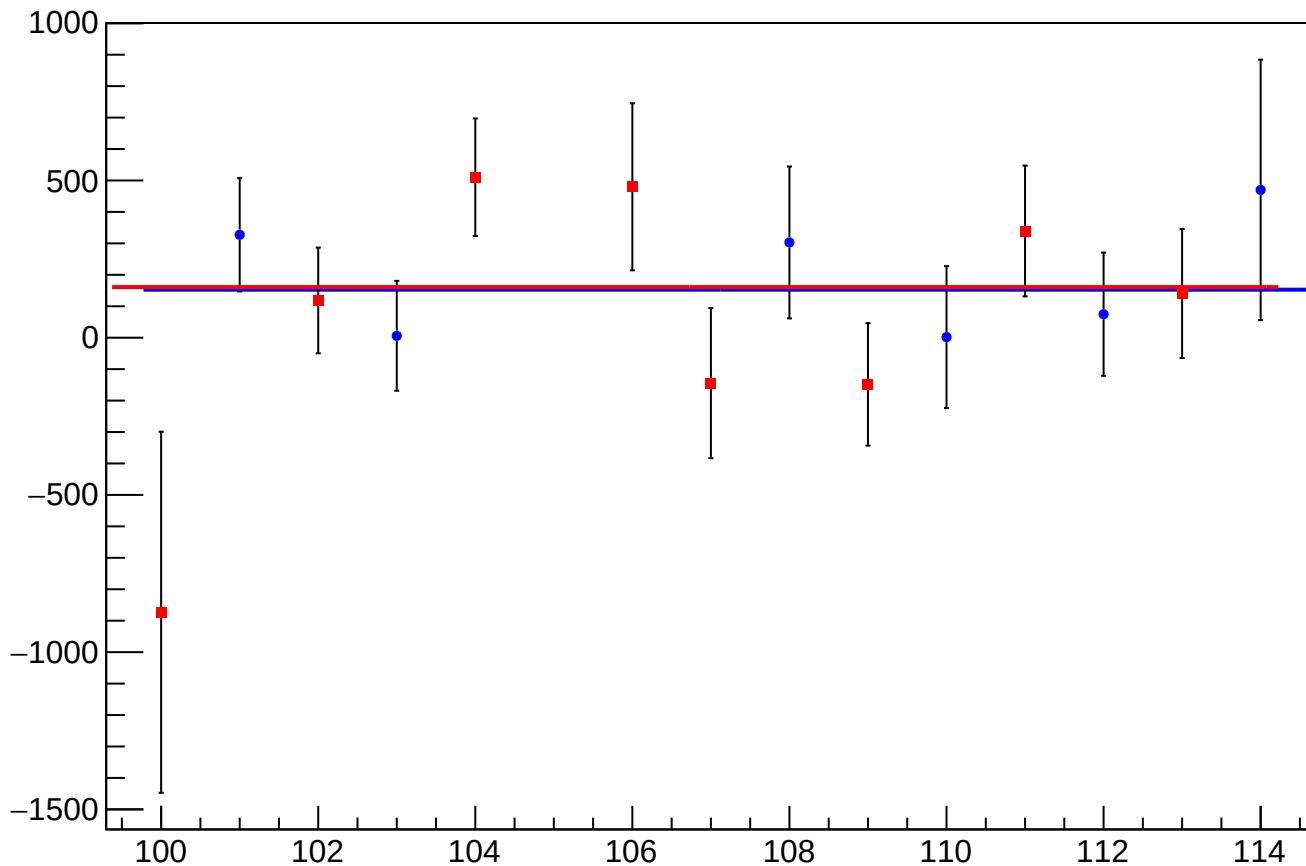
Right: 738.318+/-0.221 χ^2/NDF : 432173.9/13

In: 738.829+/-0.328 χ^2/NDF : 215537.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.318+/-0.221 χ^2/NDF : 432173.9/13

dit_asym_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

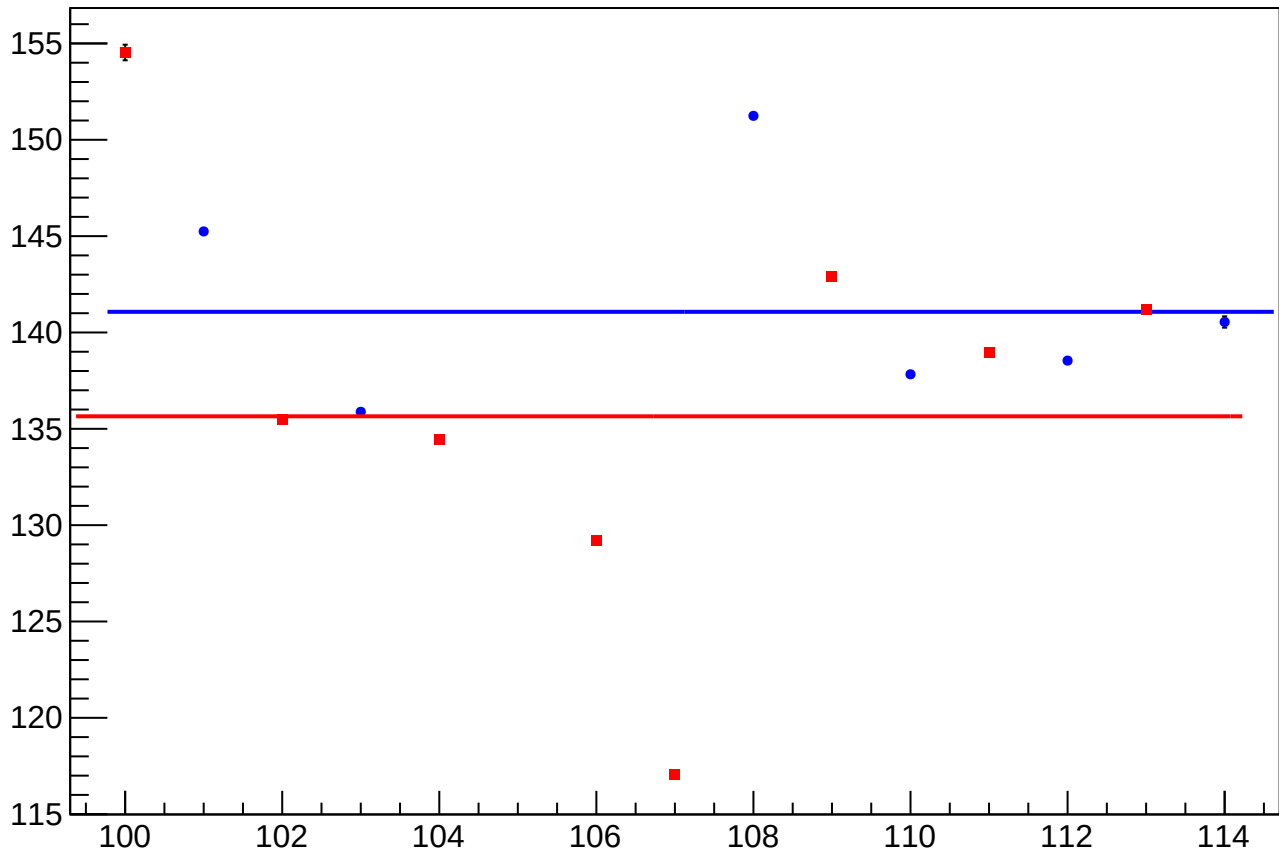
Right: 157.365 $\pm$ 57.326 χ^2 /NDF: 16.4/13

In: 152.694 $\pm$ 86.961 χ^2 /NDF:3.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.365 $\pm$ 57.326 χ^2 /NDF: 16.4/13

dit_asym_sam1_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

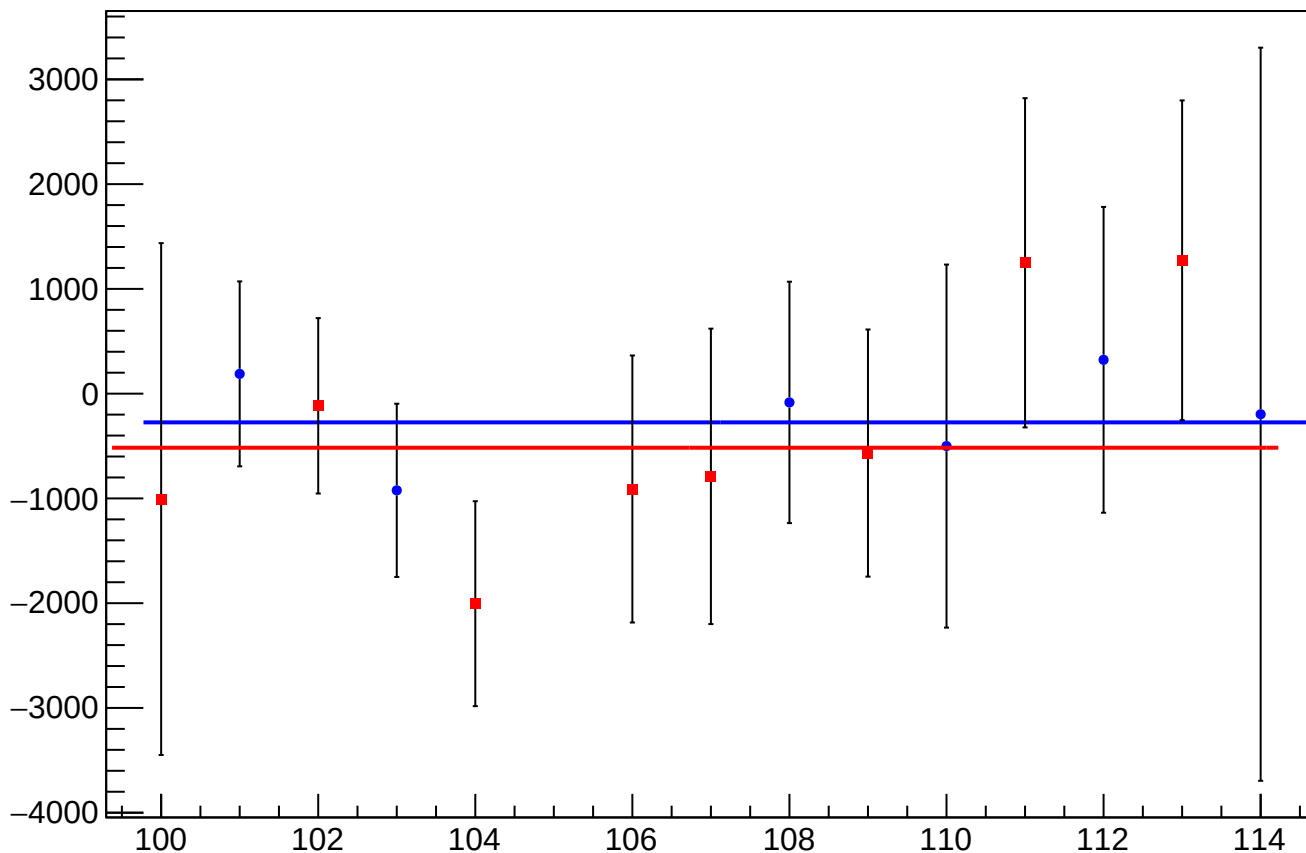
Right: 138.006 $\pm$ 0.041 χ^2 /NDF: 31824.7/13

In: 141.072 $\pm$ 0.061 χ^2 /NDF:7134.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.006 $\pm$ 0.041 χ^2 /NDF: 31824.7/13

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

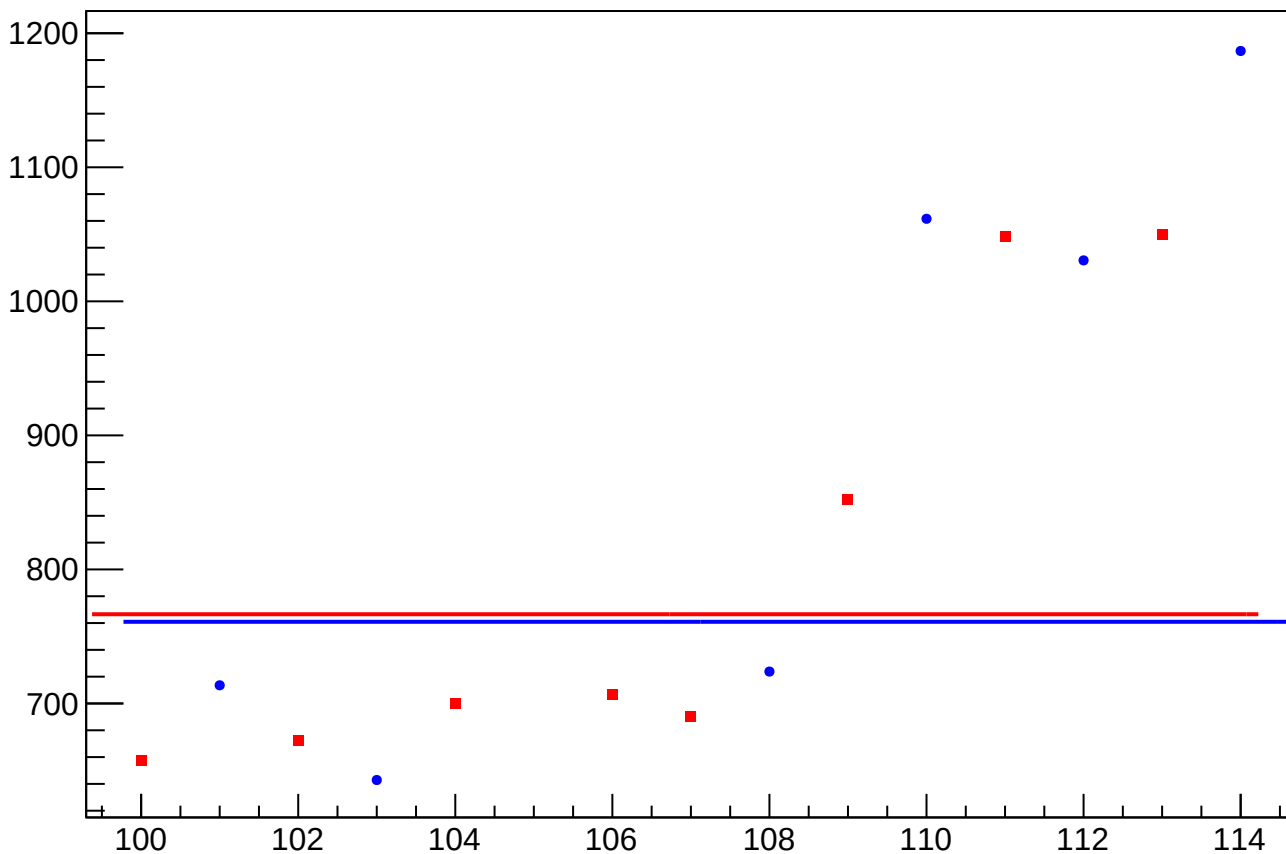
Right: -406.739+/-321.145 χ^2/NDF : 6.6/13

In: -274.143+/-477.605 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.739+/-321.145 χ^2/NDF : 6.6/13

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

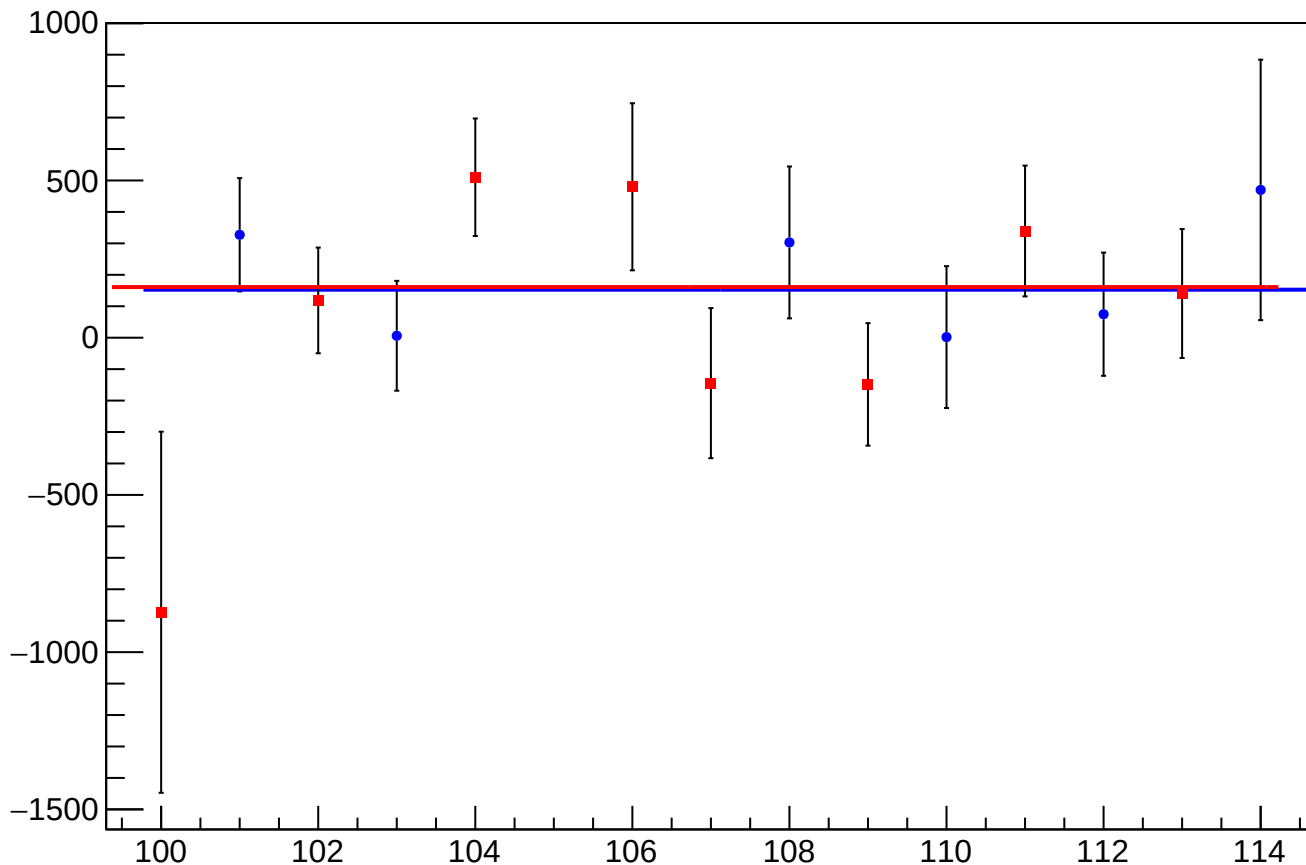
Right: 764.025+/-0.227 χ^2/NDF : 399806.5/13

In: 760.938+/-0.338 χ^2/NDF :206679.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 764.025+/-0.227 χ^2/NDF : 399806.5/13

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

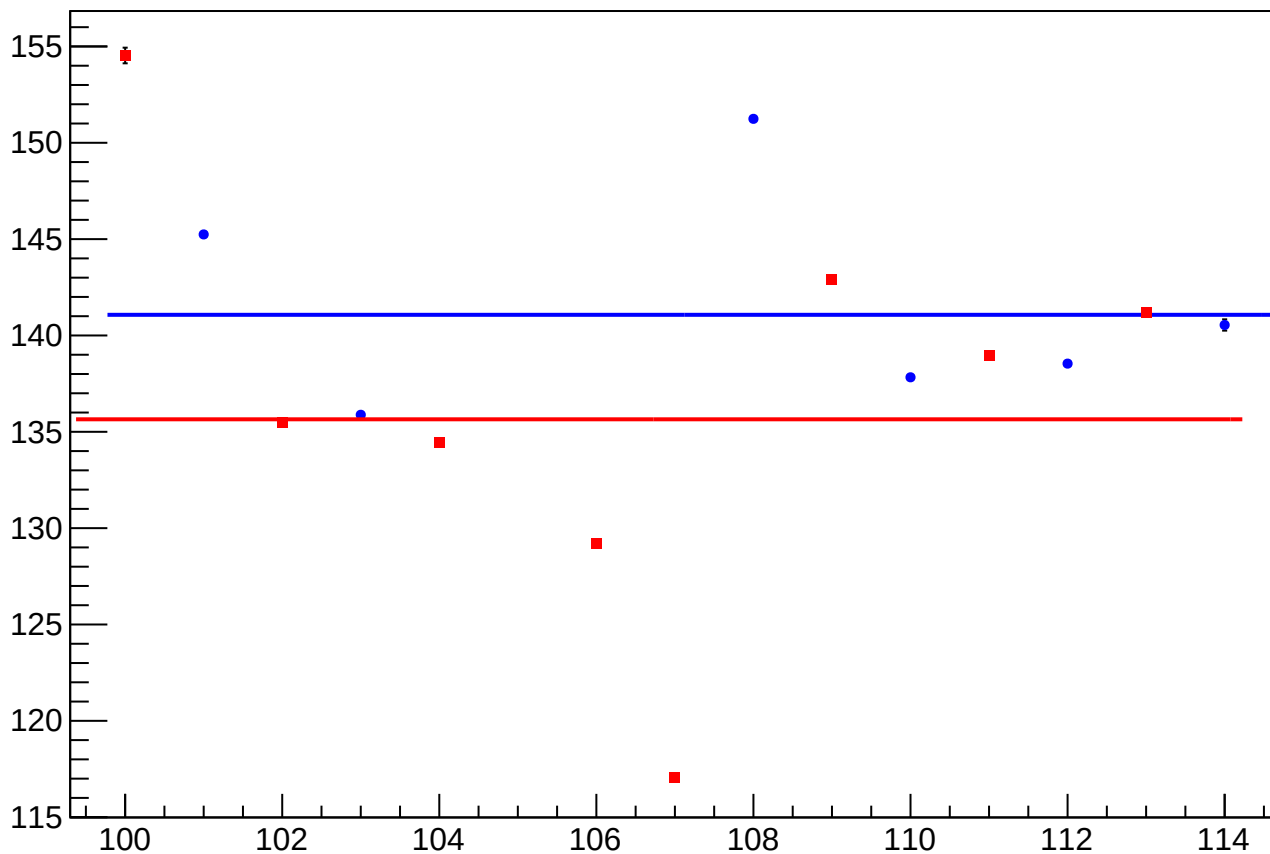
Right: 157.364 $\pm$ 57.326 χ^2 /NDF: 16.4/13

In: 152.694 $\pm$ 86.961 χ^2 /NDF:3.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.364 $\pm$ 57.326 χ^2 /NDF: 16.4/13

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 141.072+/-0.061 χ^2/NDF : 7134.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.649+/-0.054 χ^2/NDF : 20292.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

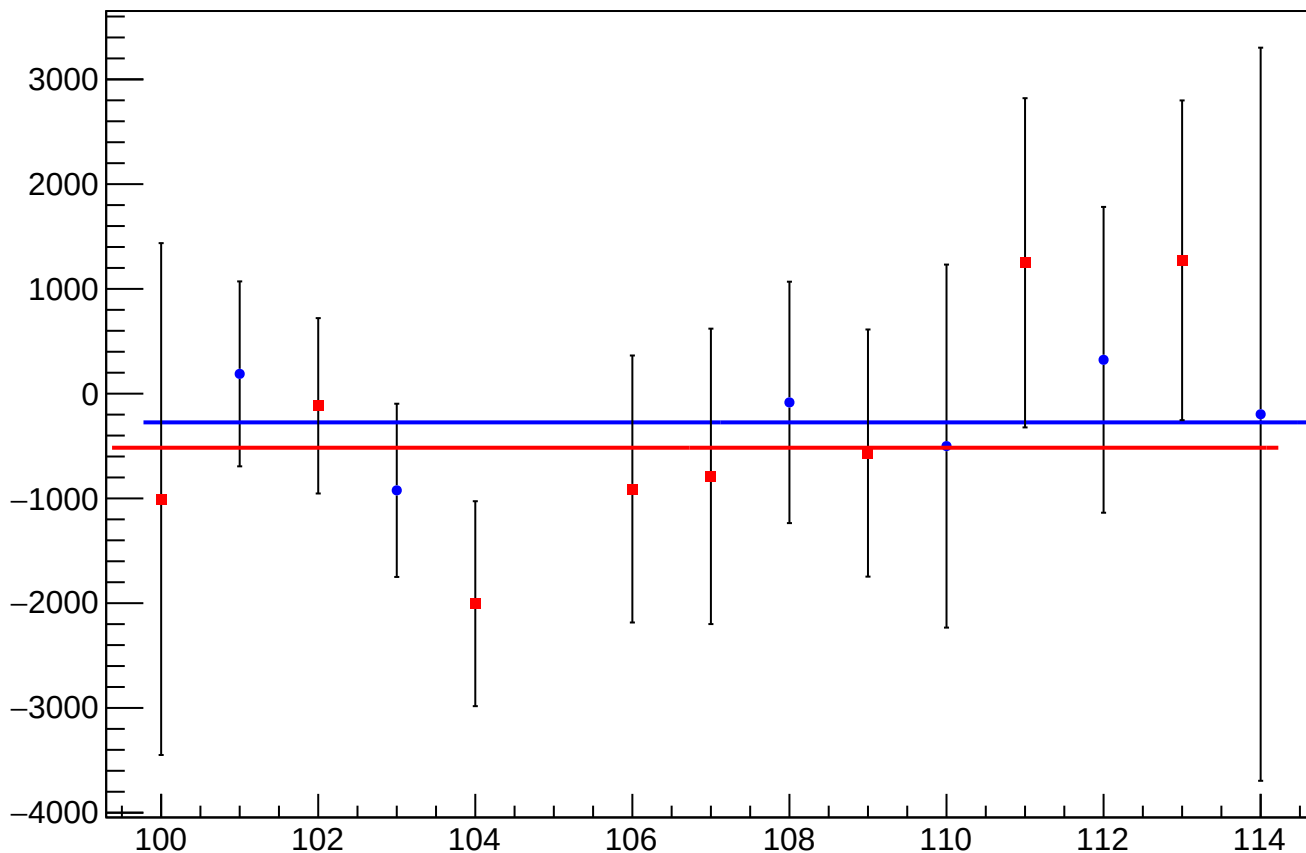
Right: 138.006+/-0.041 χ^2/NDF : 31824.4/13

In: 141.072+/-0.061 χ^2/NDF : 7134.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.006+/-0.041 χ^2/NDF : 31824.4/13

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -274.142+/-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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

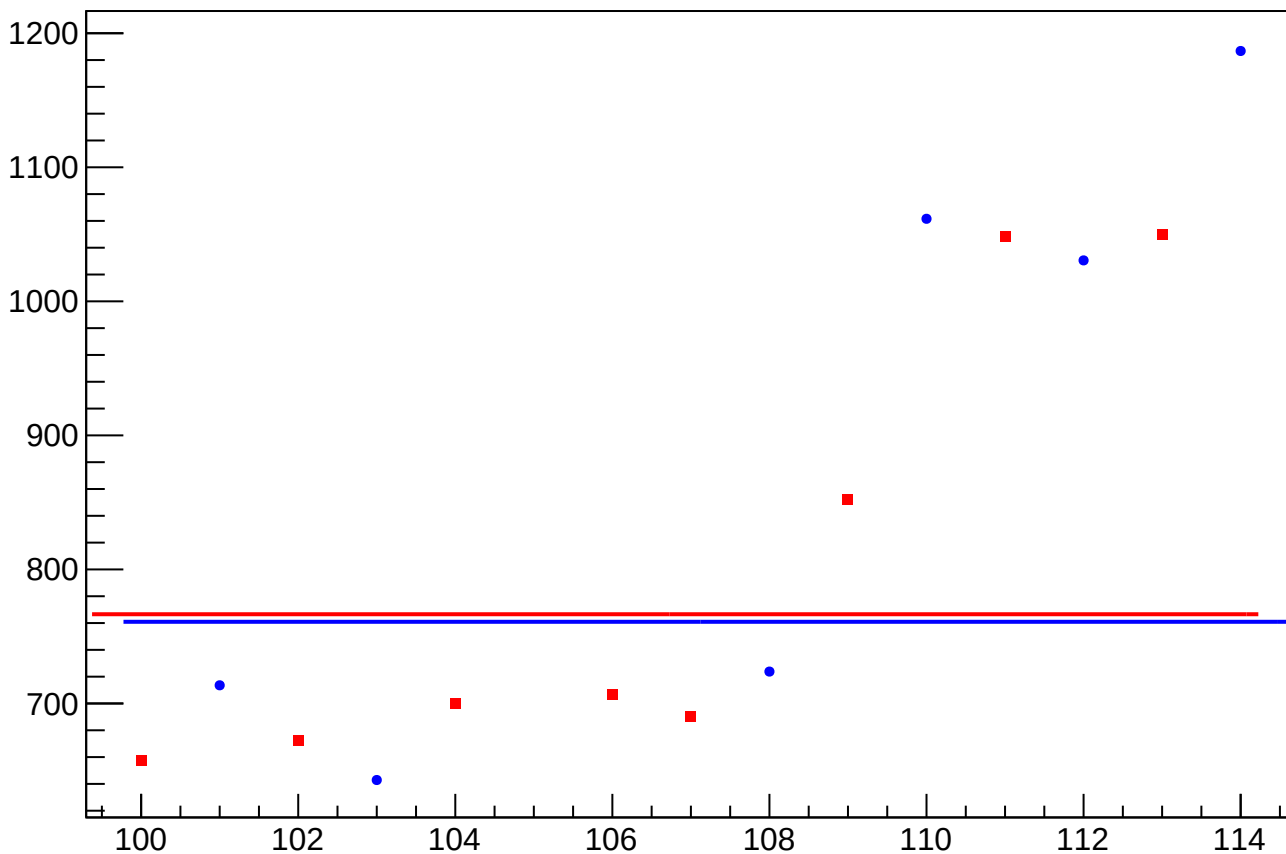
Right: -406.738+/-321.145 χ^2/NDF : 6.6/13

In: -274.142+/-477.605 χ^2/NDF : 1.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.738+/-321.145 χ^2/NDF : 6.6/13

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 760.937 $\pm$ 0.338 χ^2 /NDF: 206679.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 766.571 $\pm$ 0.307 χ^2 /NDF: 192974.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

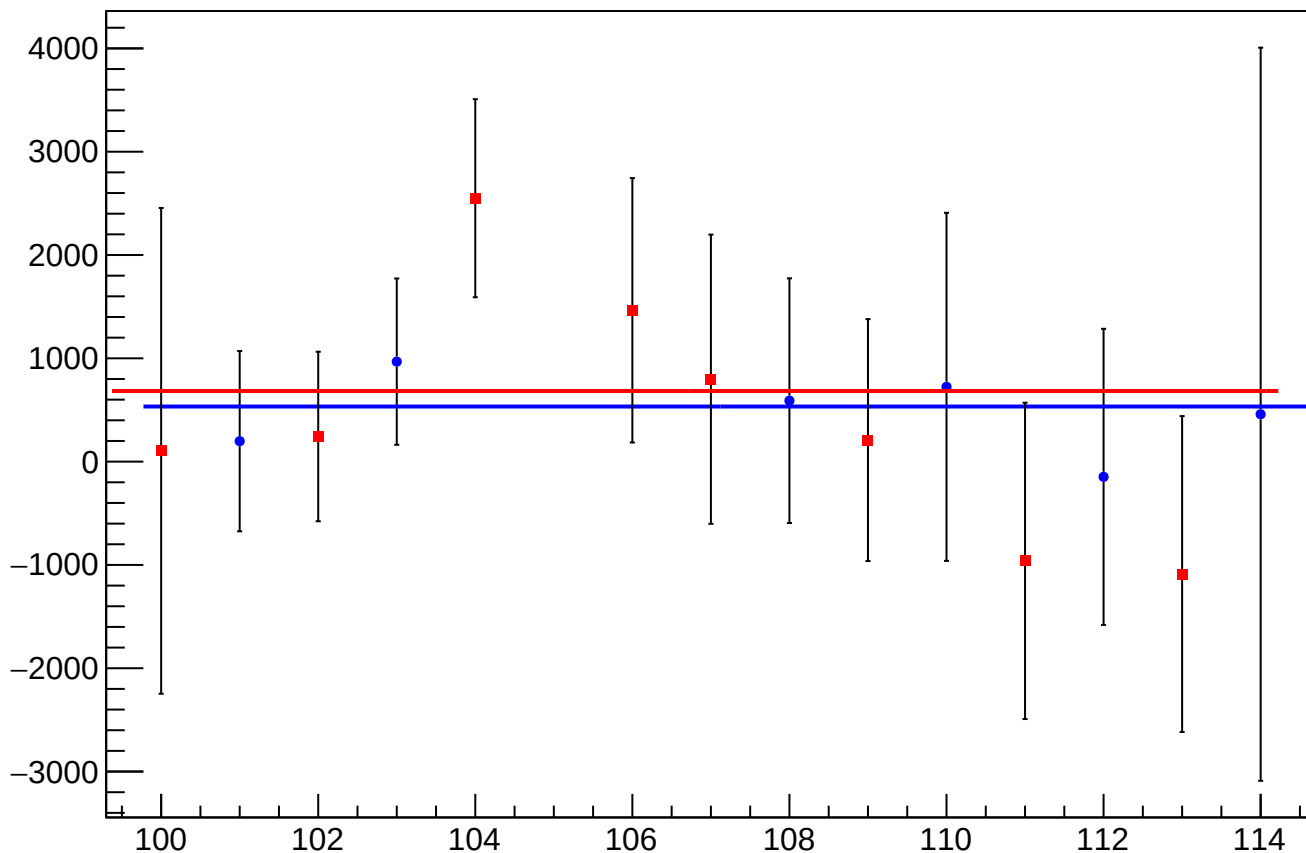
Right: 764.024 $\pm$ 0.227 χ^2 /NDF: 399805.8/13

In: 760.937 $\pm$ 0.338 χ^2 /NDF:206679.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 764.024 $\pm$ 0.227 χ^2 /NDF: 399805.8/13

asym_sam1_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

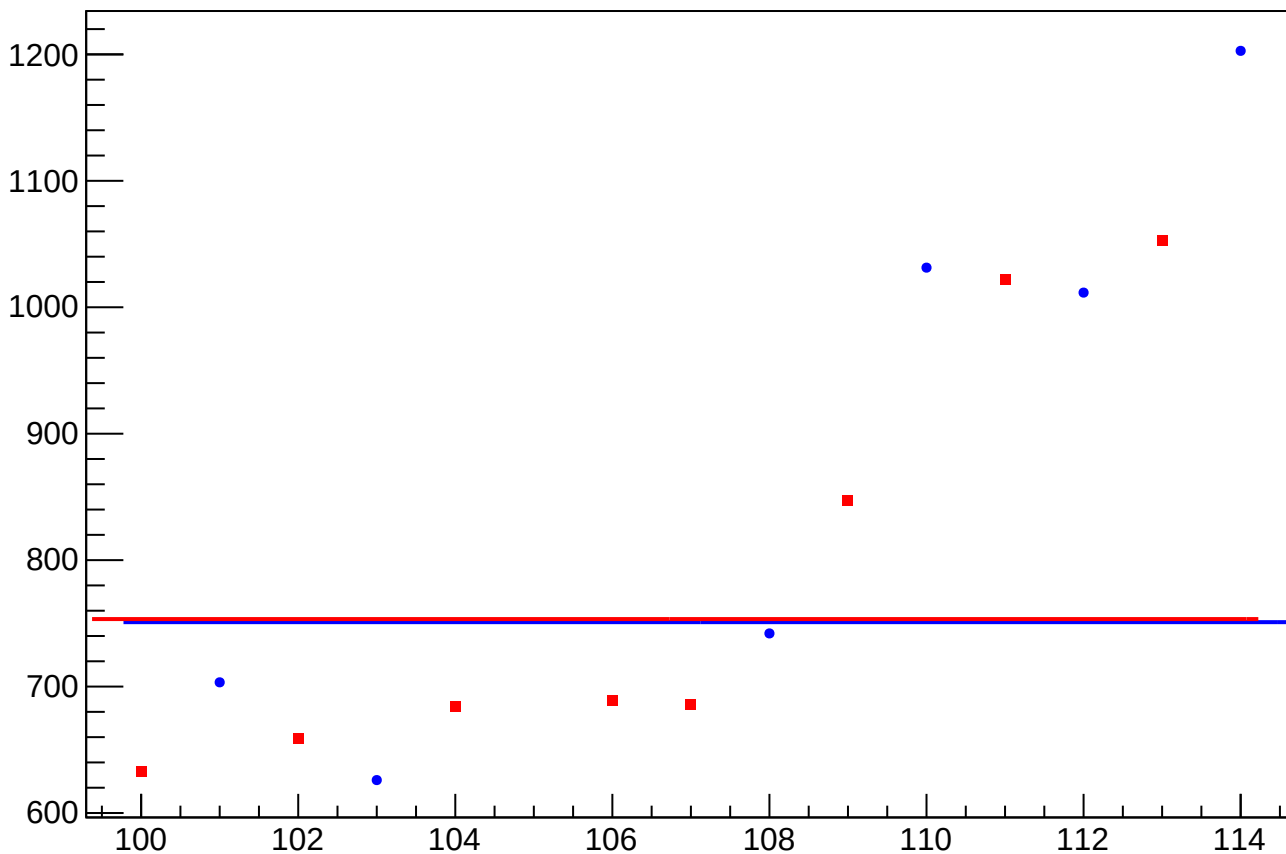
Right: 615.952 $\pm$ 317.065 χ^2 /NDF: 7.9/13

In: 533.412 $\pm$ 472.022 χ^2 /NDF: 0.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 615.952 $\pm$ 317.065 χ^2 /NDF: 7.9/13

asym_sam1_rms vs Slug, Sign Corrected



Right In: 750.946+/-0.334 χ^2/NDF : 208210.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 753.392+/-0.303 χ^2/NDF : 202623.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

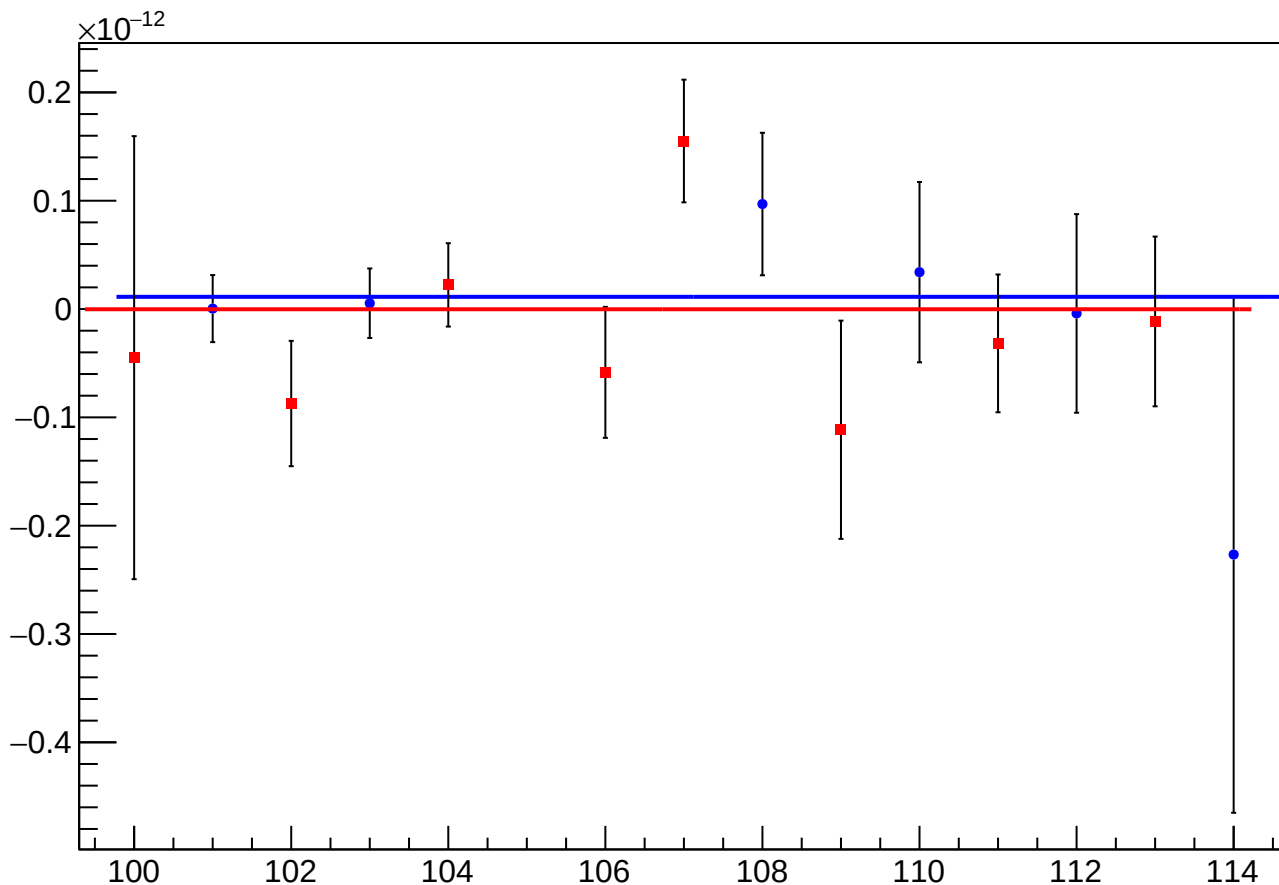
Right: 752.288+/-0.224 χ^2/NDF : 410863.4/13

In: 750.946+/-0.334 χ^2/NDF : 208210.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.288+/-0.224 χ^2/NDF : 410863.4/13

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 12.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

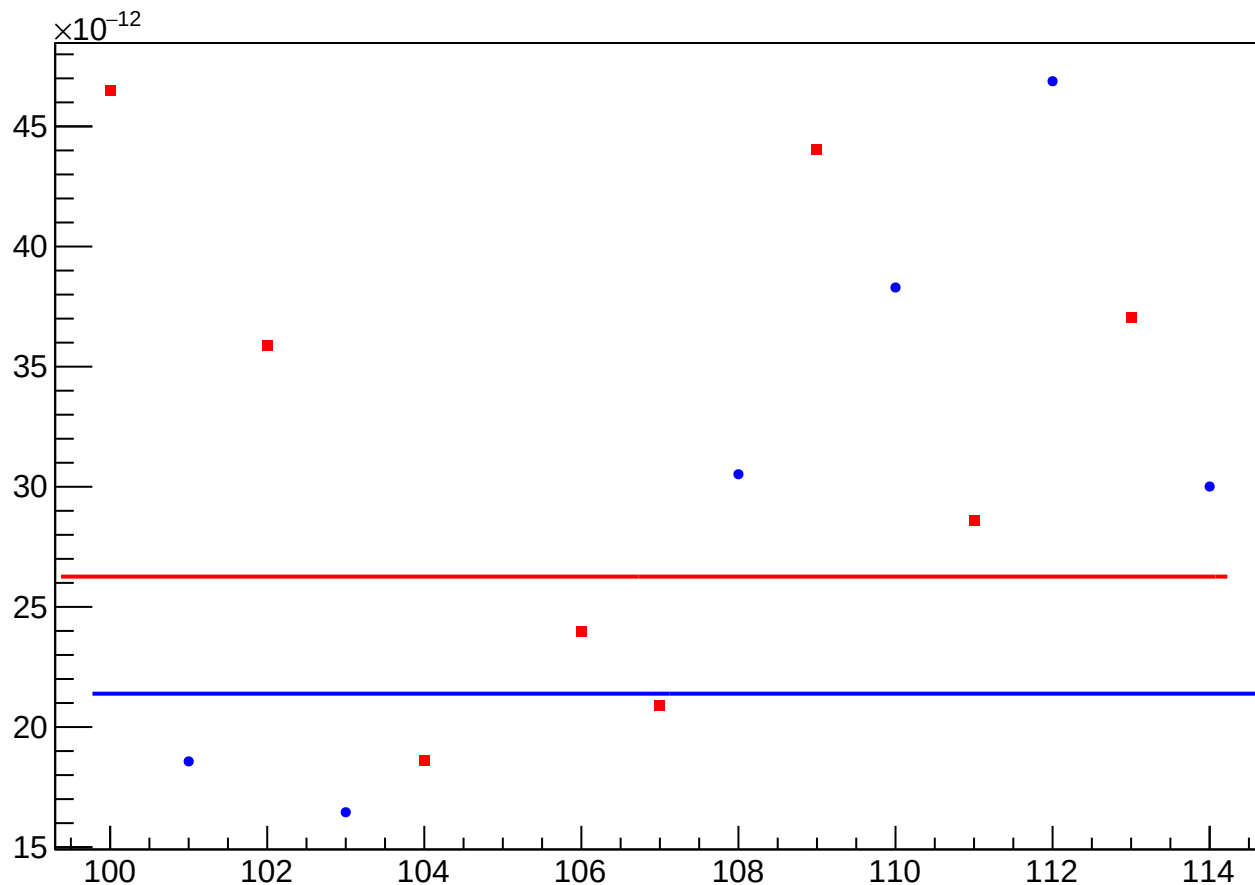
Right: 0.000+/-0.000 χ^2/NDF : 15.7/13

In: 0.000+/-0.000 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.7/13

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

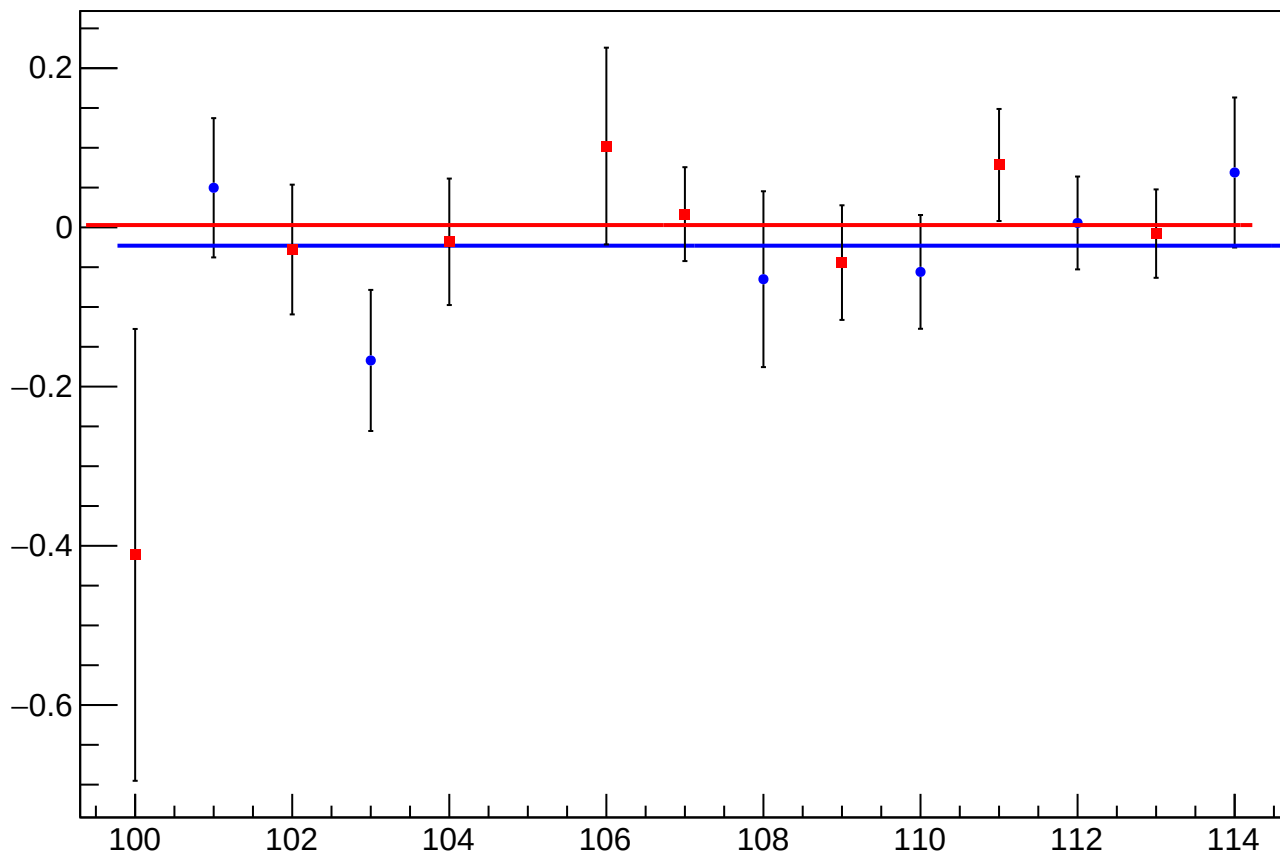
Right: 0.000+/-0.000 χ^2/NDF : 674384.8/13

In: 0.000+/-0.000 χ^2/NDF : 342217.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 674384.8/13

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

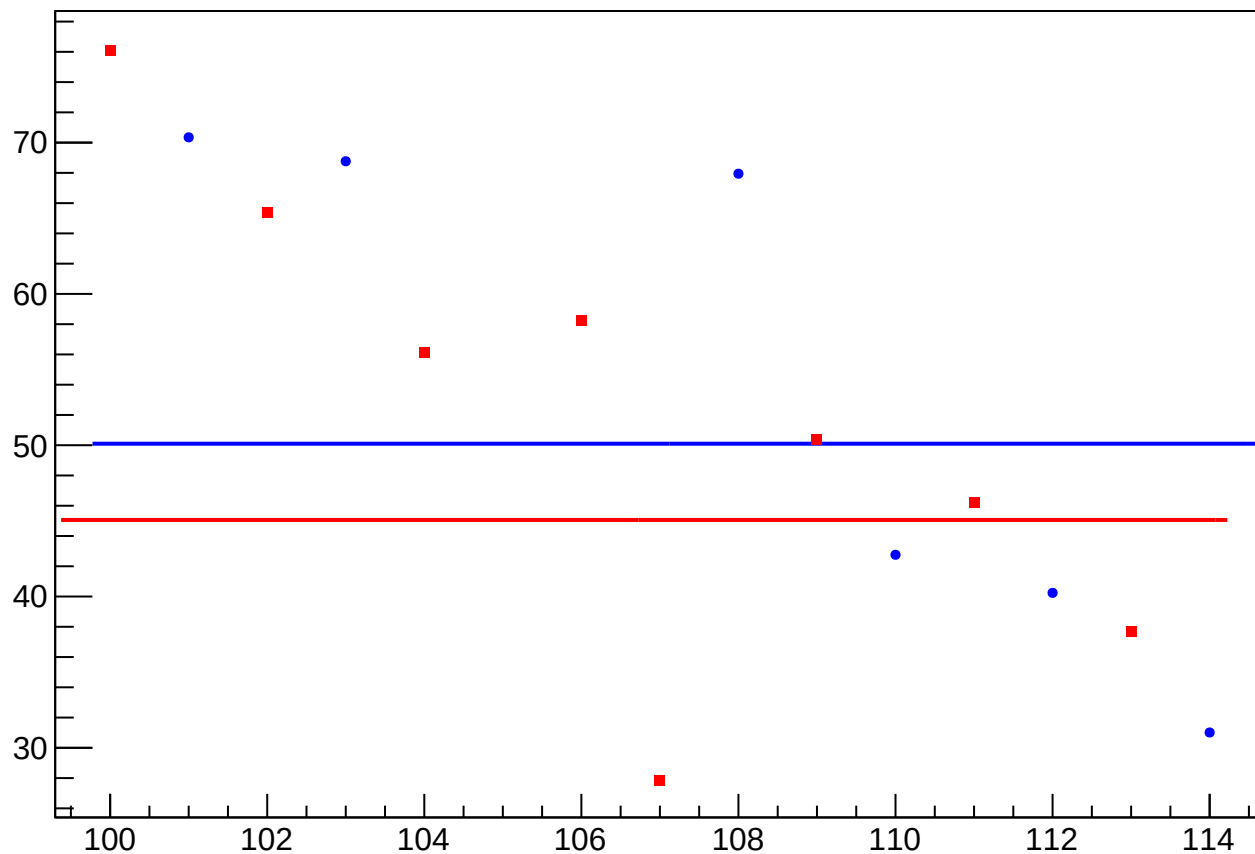
Right: -0.008+/-0.021 χ^2/NDF : 9.9/13

In: -0.023+/-0.033 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.021 χ^2/NDF : 9.9/13

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.100+/-0.023 χ^2/NDF : 408439.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 45.060+/-0.019 χ^2/NDF : 426327.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

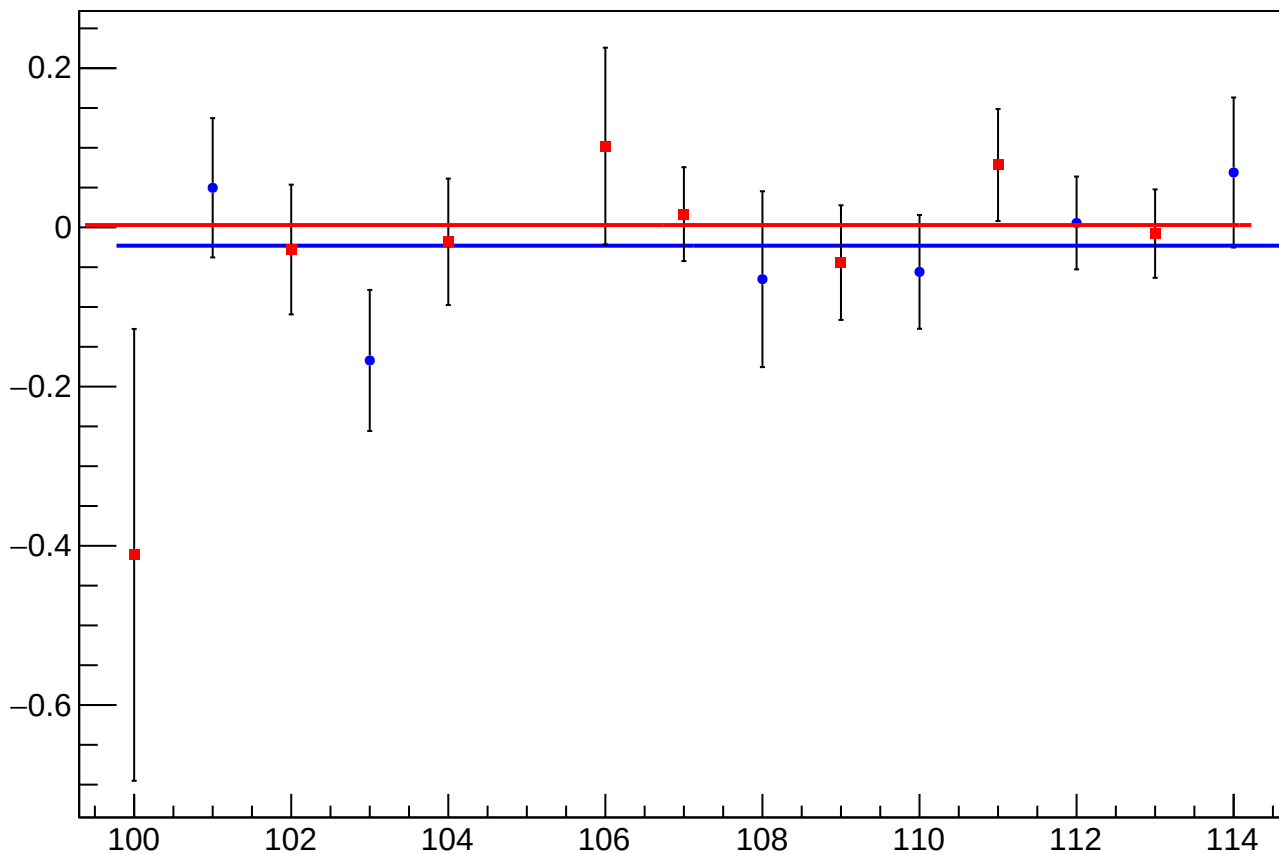
Right: 47.093+/-0.015 χ^2/NDF : 863324.3/13

In: 50.100+/-0.023 χ^2/NDF :408439.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.093+/-0.015 χ^2/NDF : 863324.3/13

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

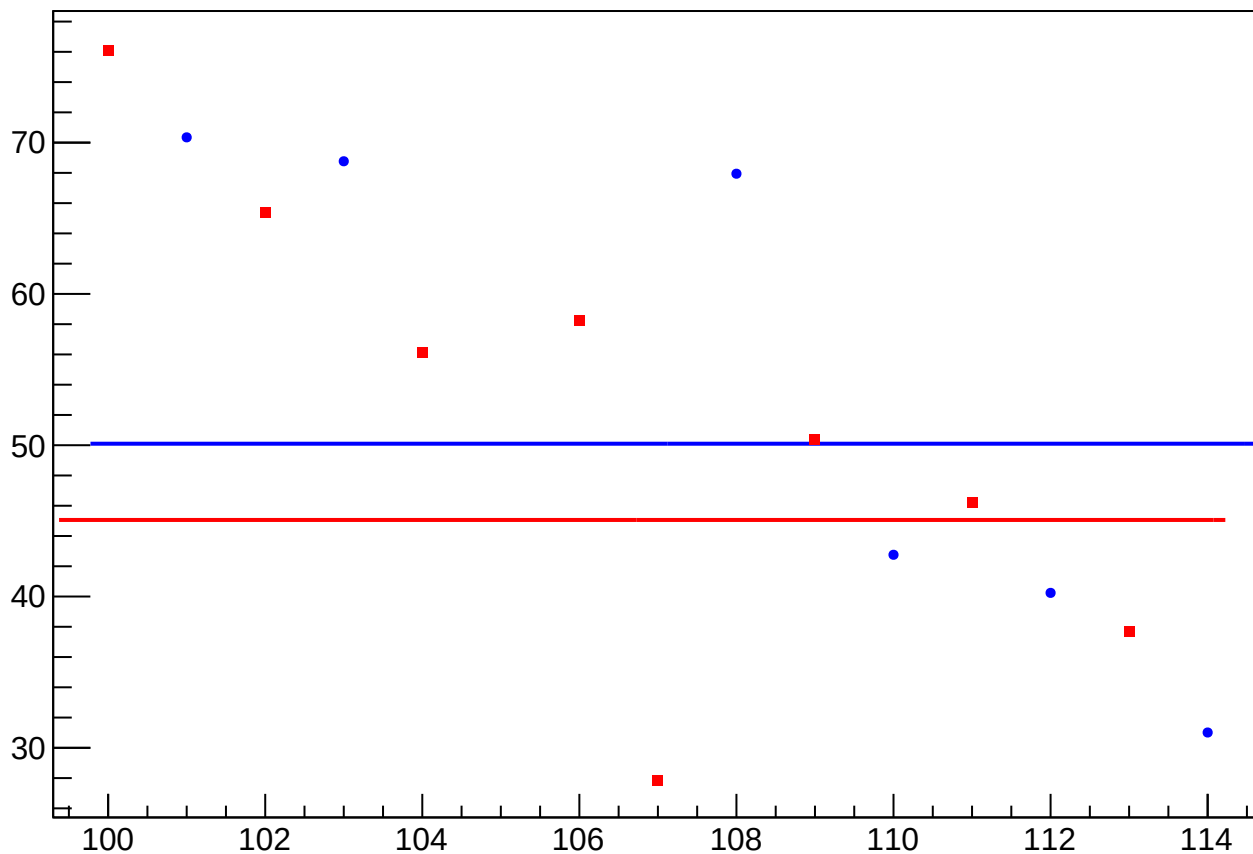
Right: -0.008 $\pm$ 0.021 χ^2/NDF : 9.9/13

In: -0.023 $\pm$ 0.033 χ^2/NDF : 4.9/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.008 $\pm$ 0.021 χ^2/NDF : 9.9/13

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.100+/-0.023 χ^2/NDF : 408439.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 45.060+/-0.019 χ^2/NDF : 426327.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

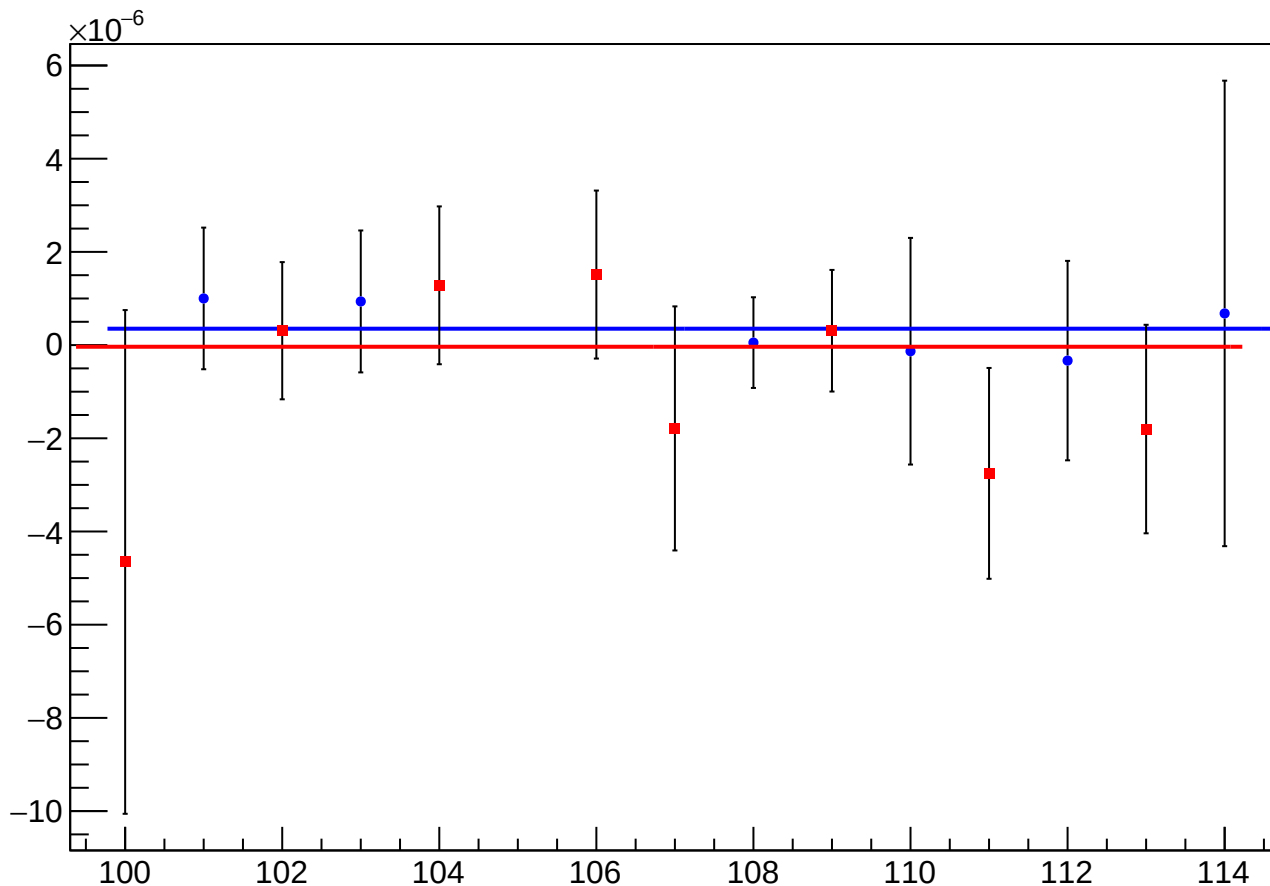
Right: 47.093+/-0.015 χ^2/NDF : 863324.3/13

In: 50.100+/-0.023 χ^2/NDF :408439.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.093+/-0.015 χ^2/NDF : 863324.3/13

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

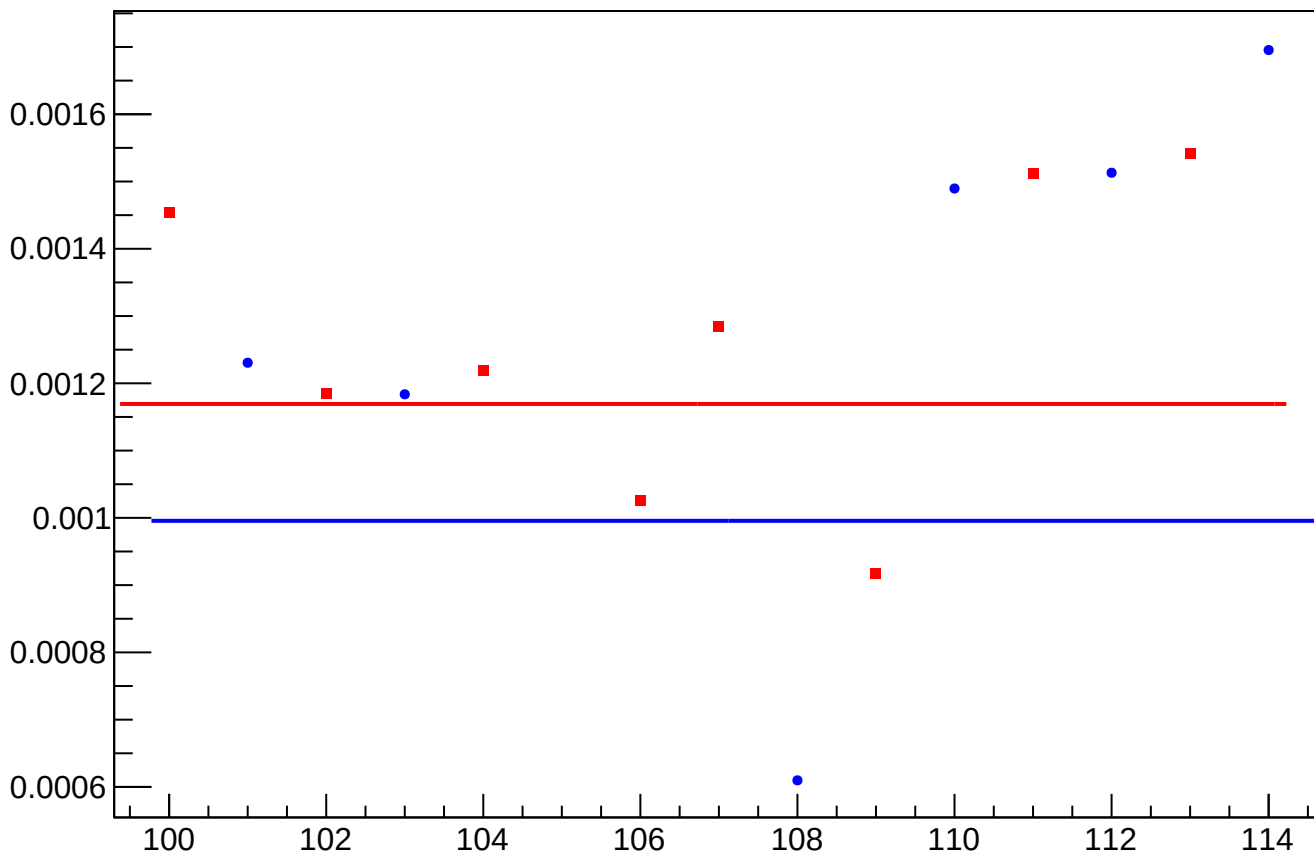
Right: 0.000+/-0.000 χ^2/NDF : 5.5/13

In: 0.000+/-0.000 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.5/13

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

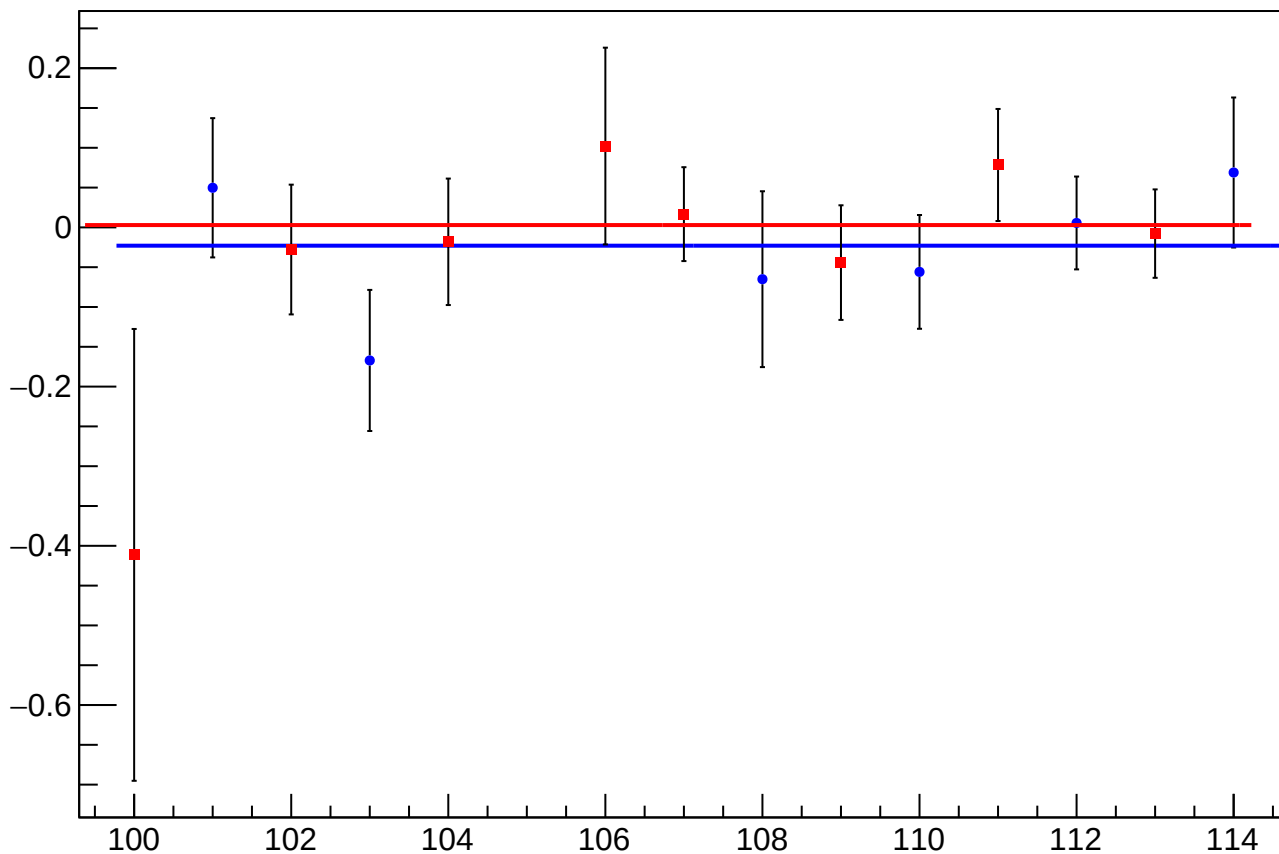
Right: 0.001+/-0.000 χ^2/NDF : 901527.4/13

In: 0.001+/-0.000 χ^2/NDF :631484.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 901527.4/13

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

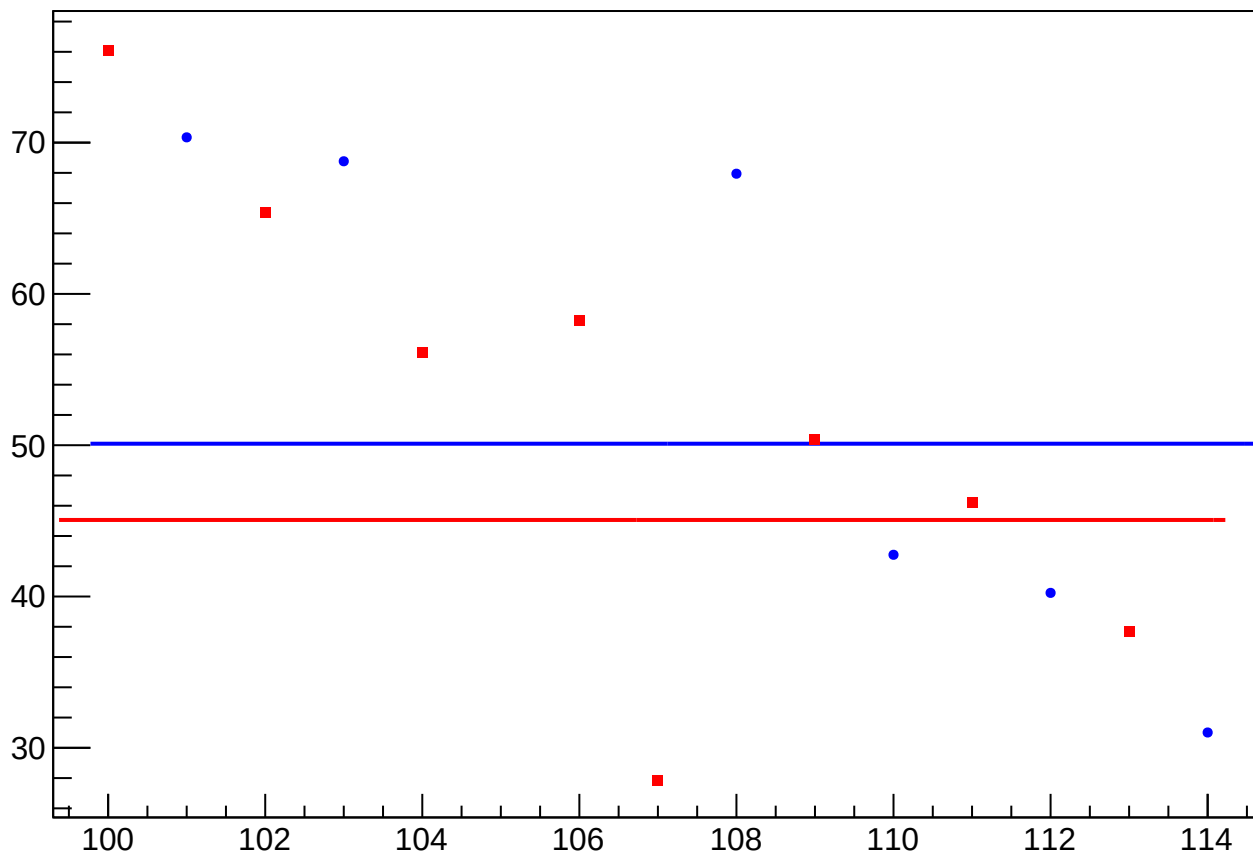
Right: -0.008+/-0.021 χ^2/NDF : 9.9/13

In: -0.023+/-0.033 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.021 χ^2/NDF : 9.9/13

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

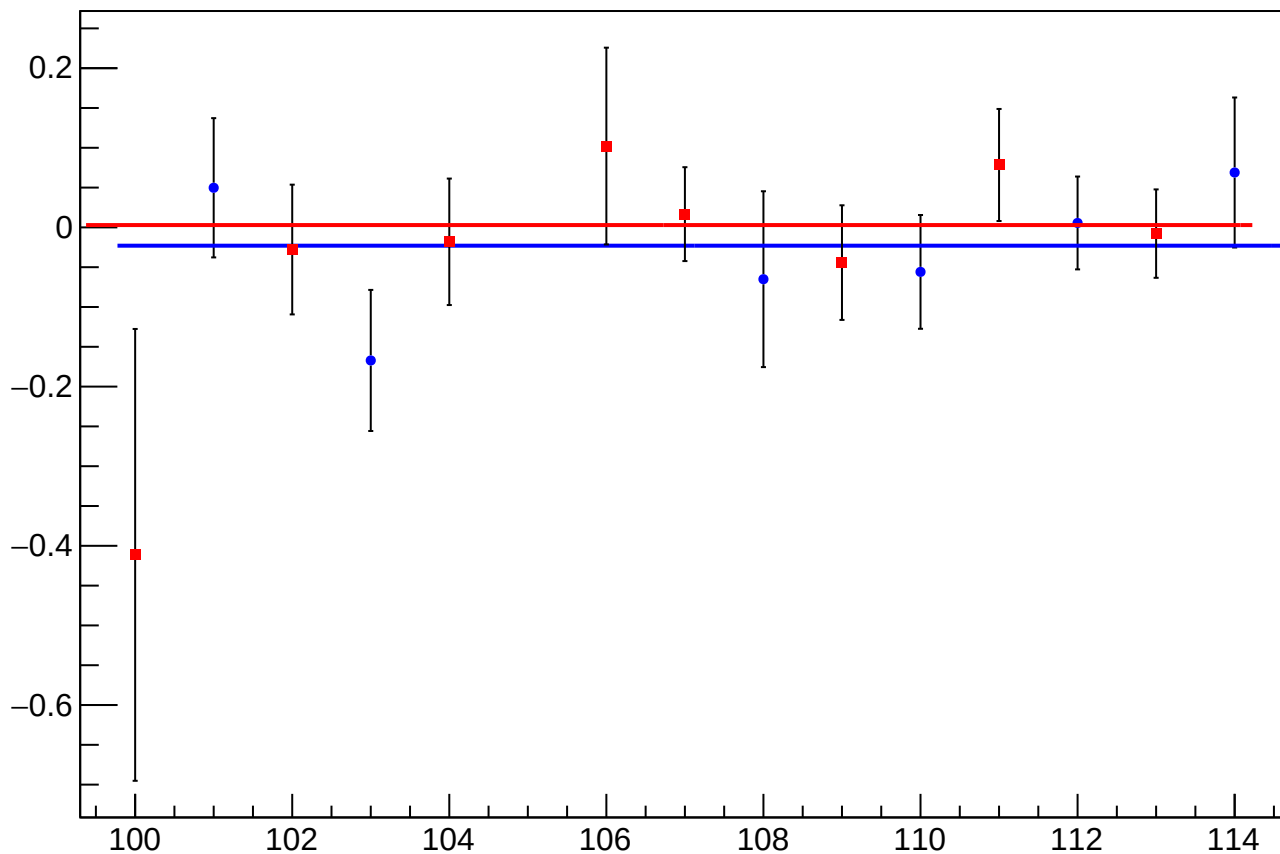
Right: 47.093+/-0.015 χ^2/NDF : 863328.5/13

In: 50.099+/-0.023 χ^2/NDF :408442.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.093+/-0.015 χ^2/NDF : 863328.5/13

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

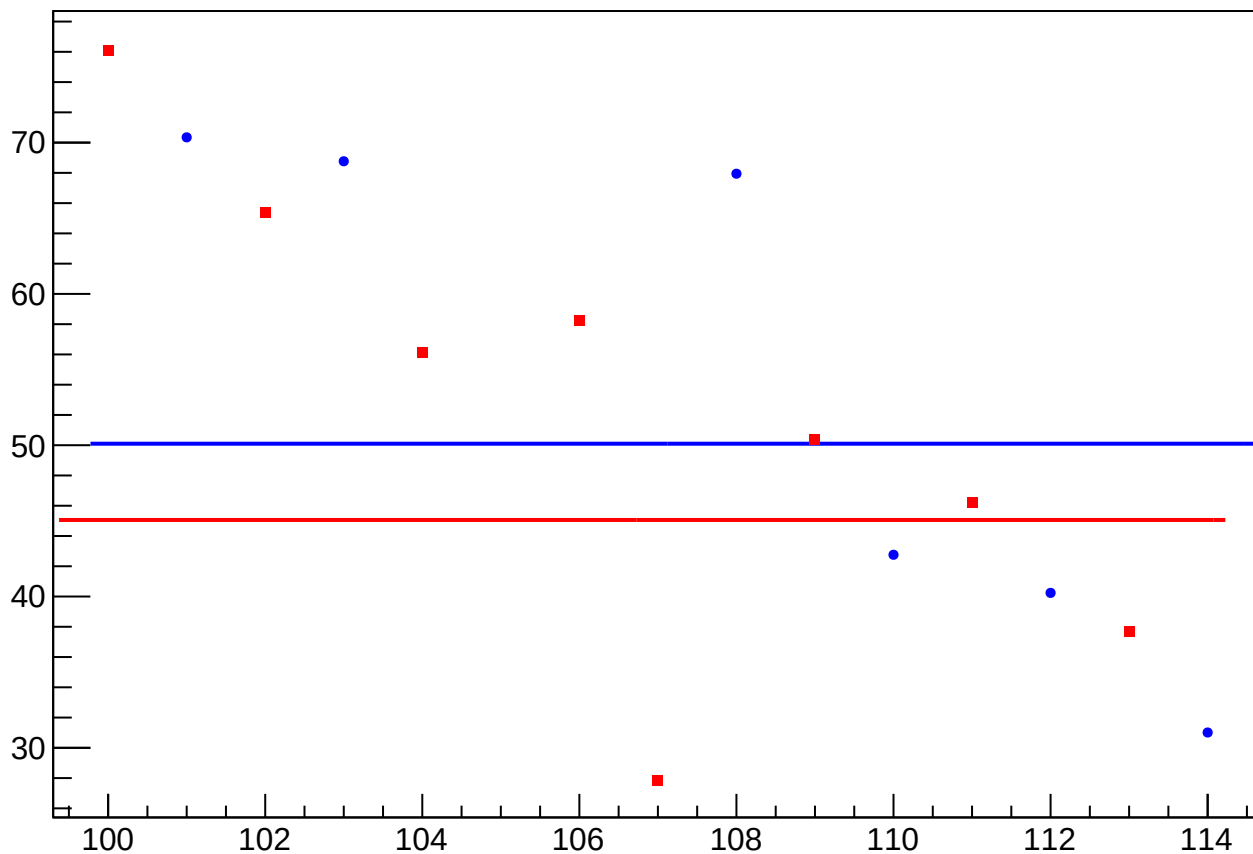
Right: -0.008+/-0.021 χ^2/NDF : 9.9/13

In: -0.023+/-0.033 χ^2/NDF :4.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.021 χ^2/NDF : 9.9/13

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

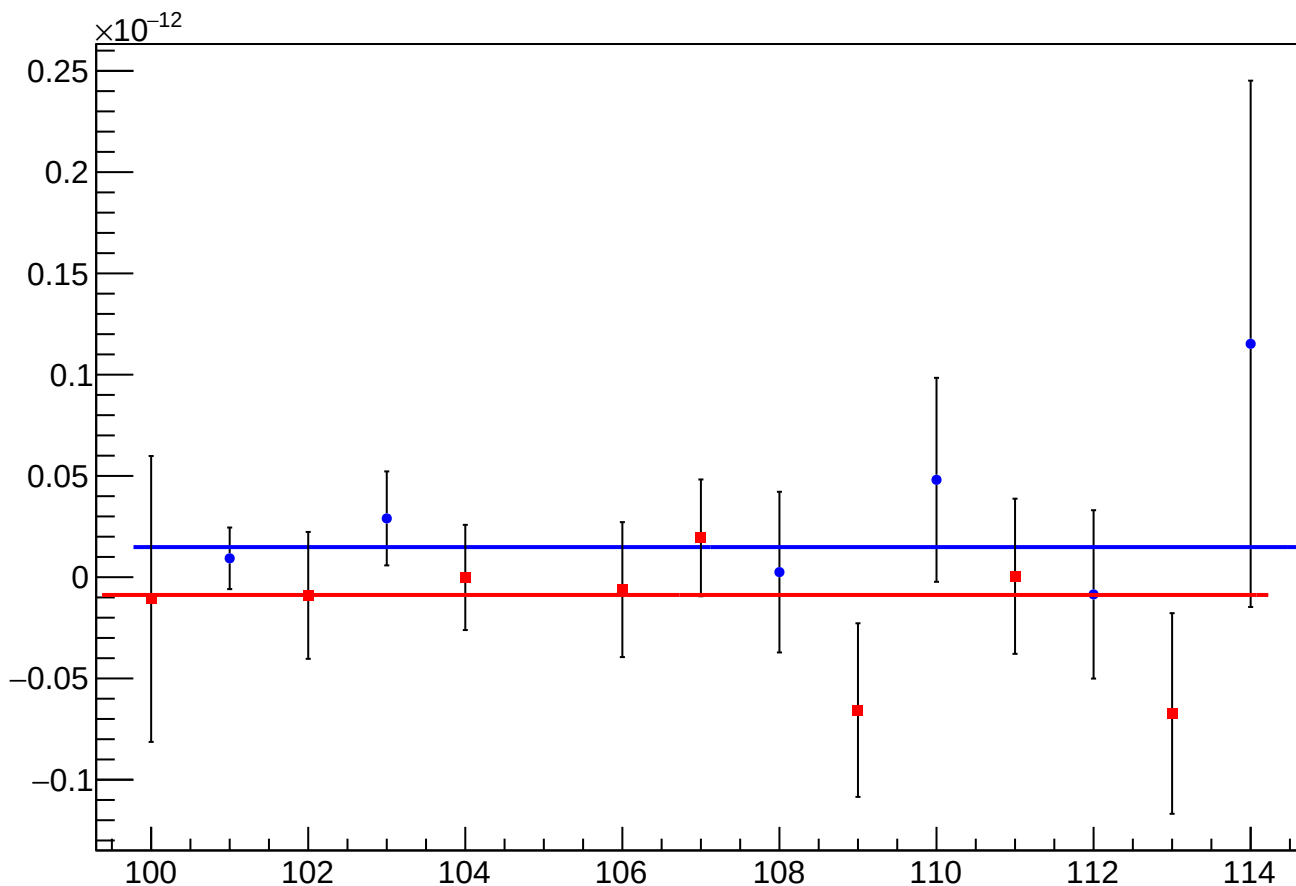
Right: 47.093+/-0.015 χ^2/NDF : 863328.5/13

In: 50.099+/-0.023 χ^2/NDF :408442.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.093+/-0.015 χ^2/NDF : 863328.5/13

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

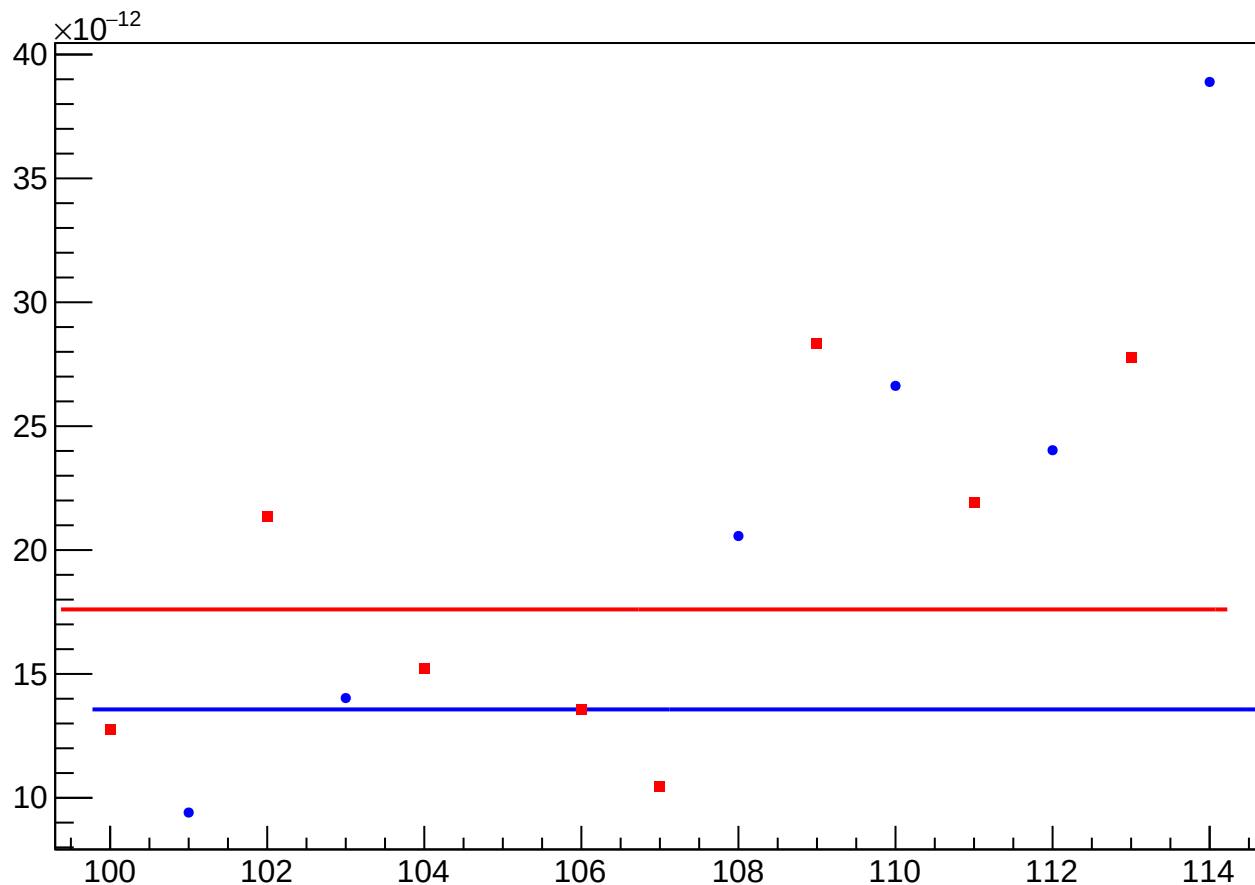
Right: 0.000+/-0.000 χ^2/NDF : 8.2/13

In: 0.000+/-0.000 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/13

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

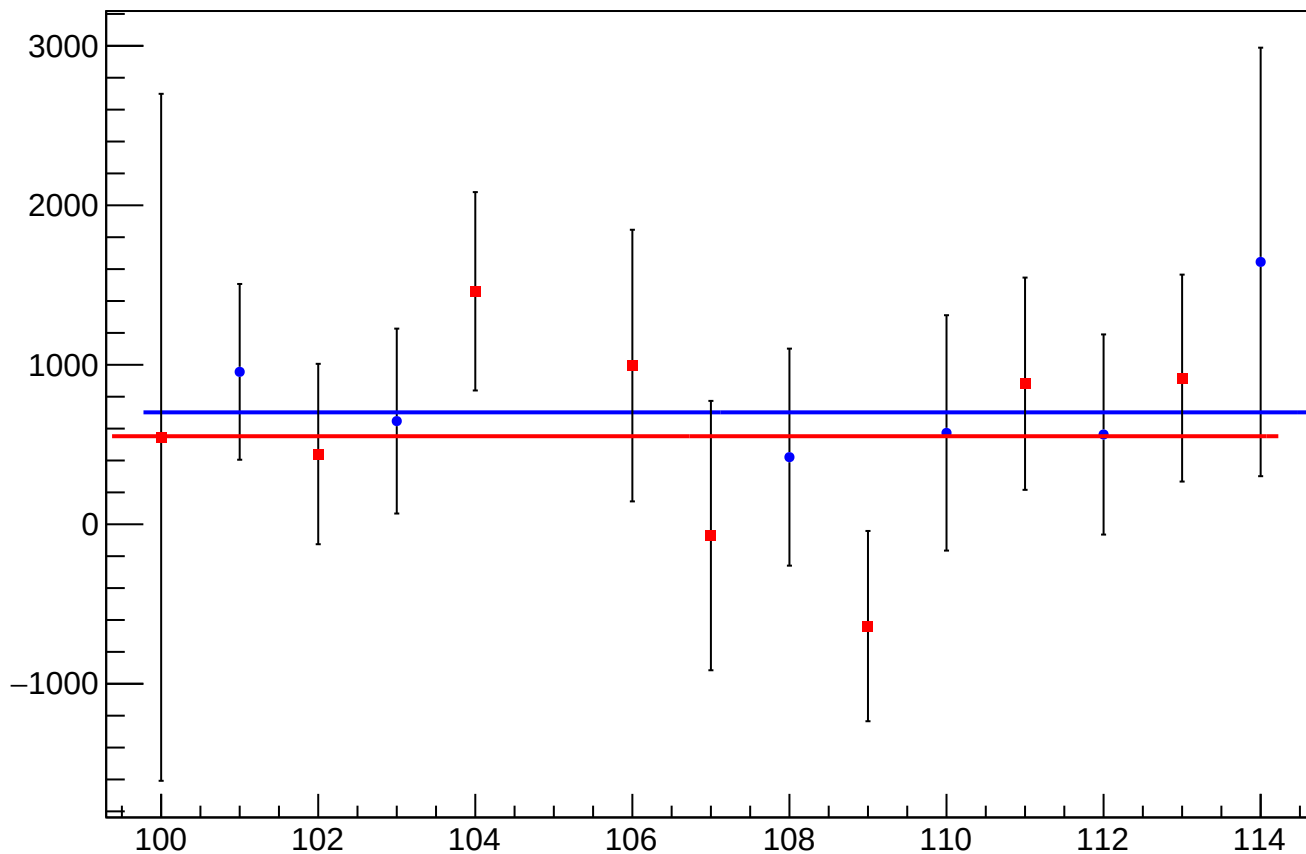
Right: 0.000+/-0.000 χ^2/NDF : 1107324.5/13

In: 0.000+/-0.000 χ^2/NDF : 550019.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1107324.5/13

reg_asym_sam2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

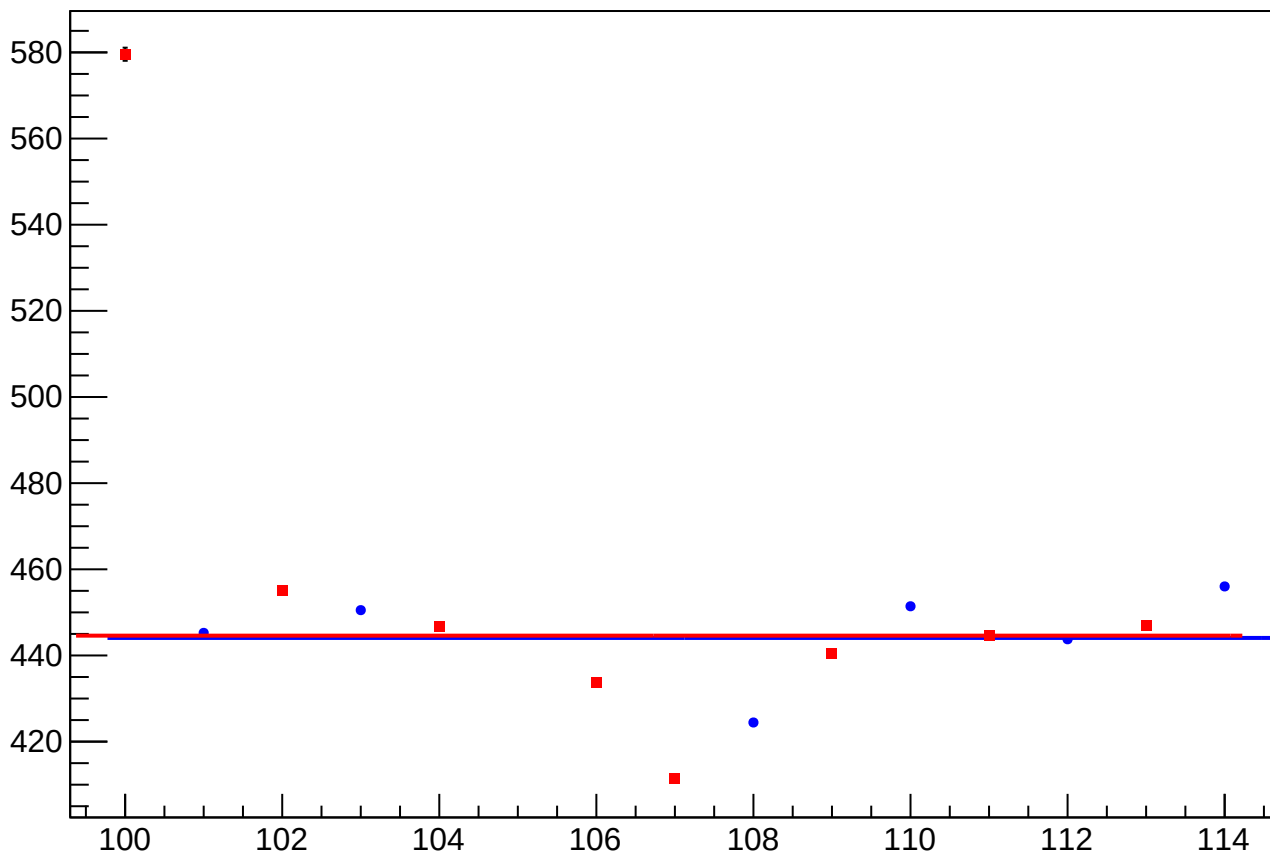
Right: 619.950+/-184.078 χ^2/NDF : 8.7/13

In: 701.879+/-273.595 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.950+/-184.078 χ^2/NDF : 8.7/13

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 444.070+/-0.193 χ^2/NDF : 2279.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.599+/-0.176 χ^2/NDF : 12069.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

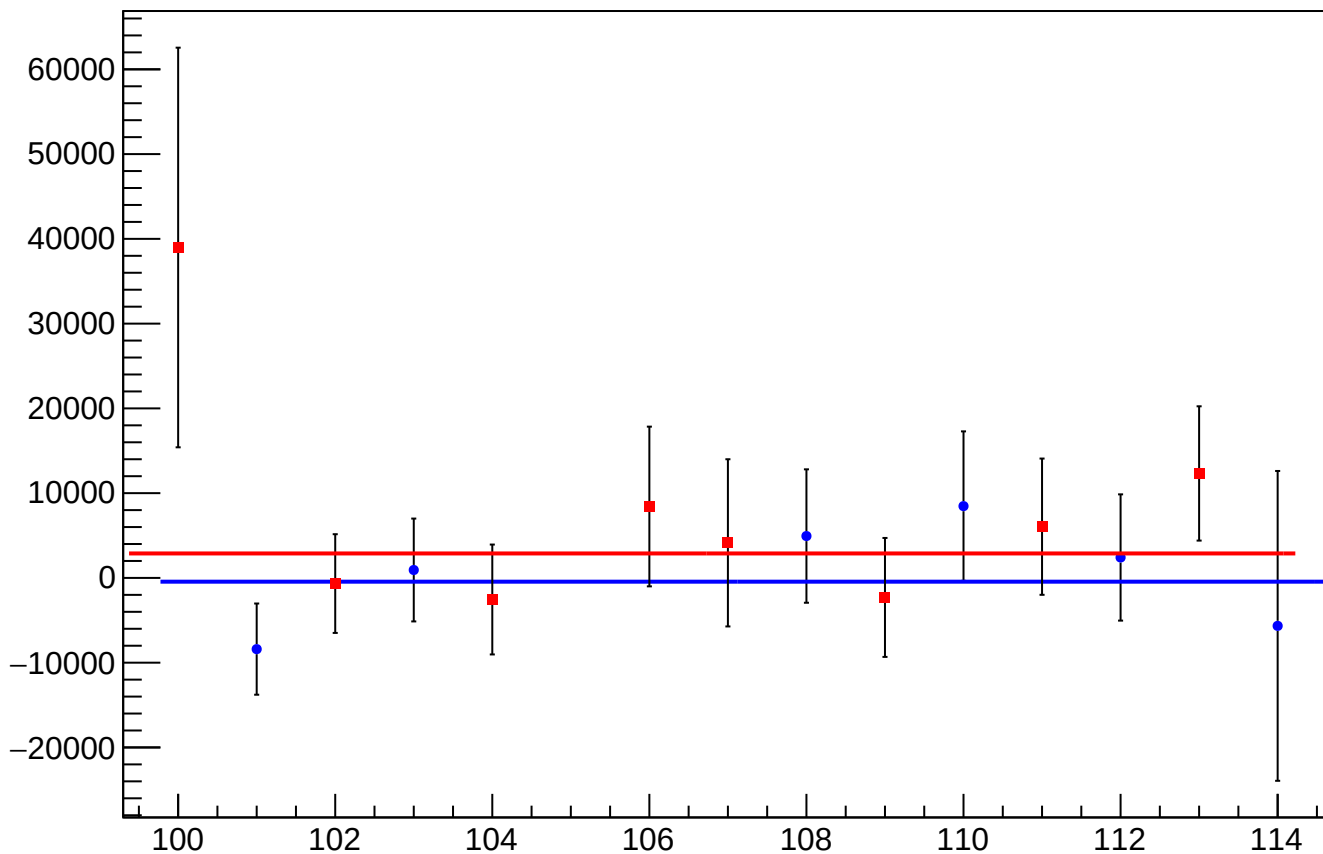
Right: 444.360+/-0.130 χ^2/NDF : 14352.9/13

In: 444.070+/-0.193 χ^2/NDF : 2279.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.360+/-0.130 χ^2/NDF : 14352.9/13

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -443.931+/-2991.393 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2886.867+/-2791.257 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

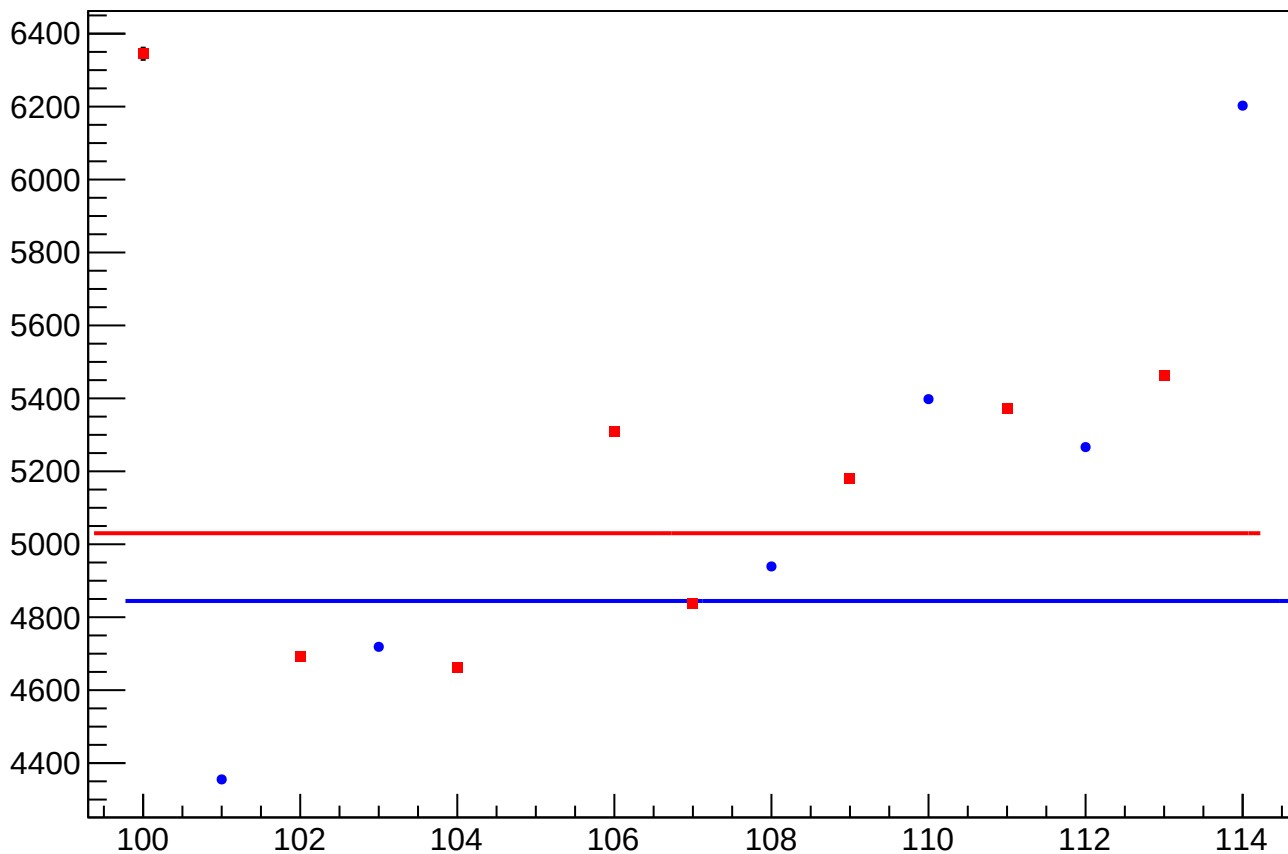
Right: 1336.608+/-2040.805 χ^2/NDF : 10.5/13

In: -443.931+/-2991.393 χ^2/NDF :4.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1336.608+/-2040.805 χ^2/NDF : 10.5/13

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

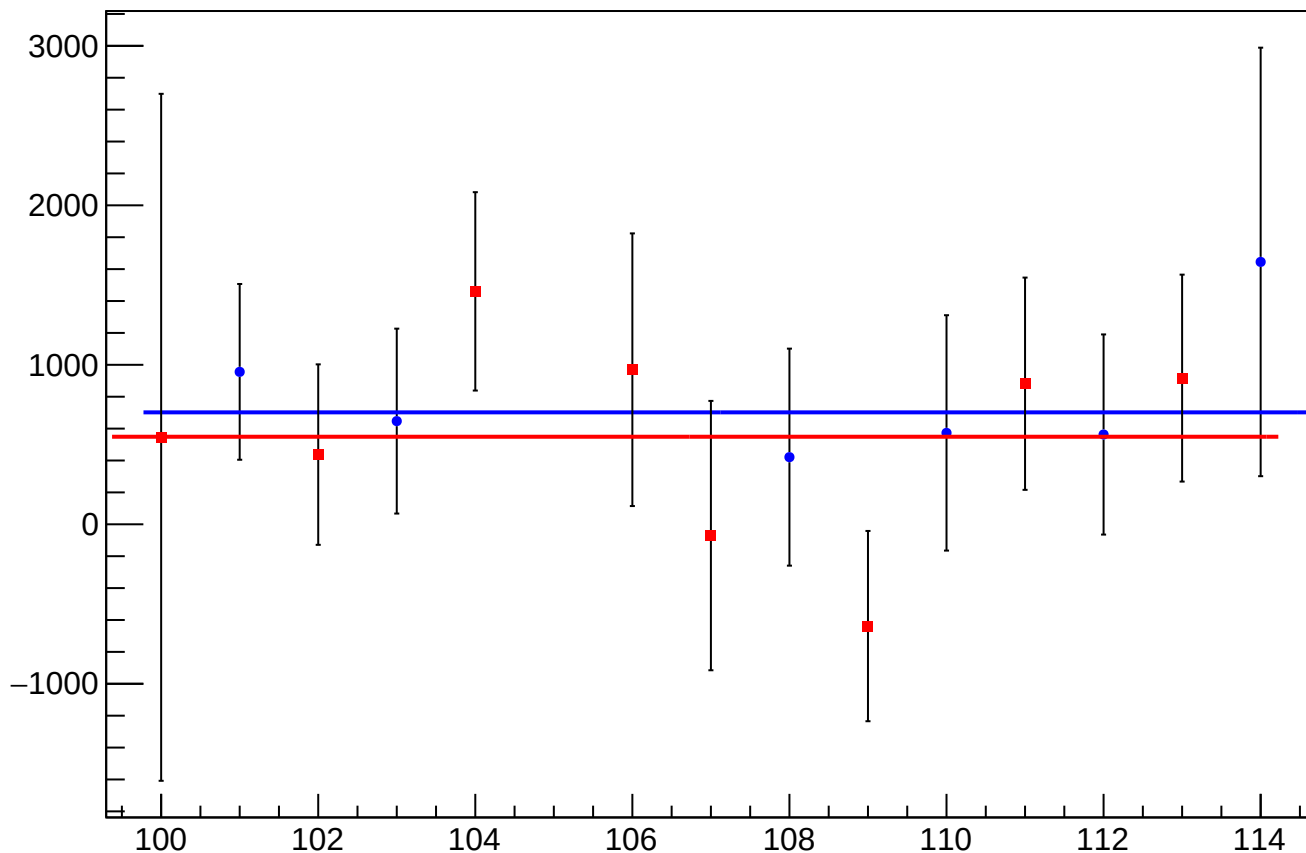
Right: 4943.822+/-1.443 χ^2/NDF : 79570.8/13

In: 4844.513+/-2.115 χ^2/NDF : 43030.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4943.822+/-1.443 χ^2/NDF : 79570.8/13

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 701.875+/-273.595 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.994+/-248.917 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

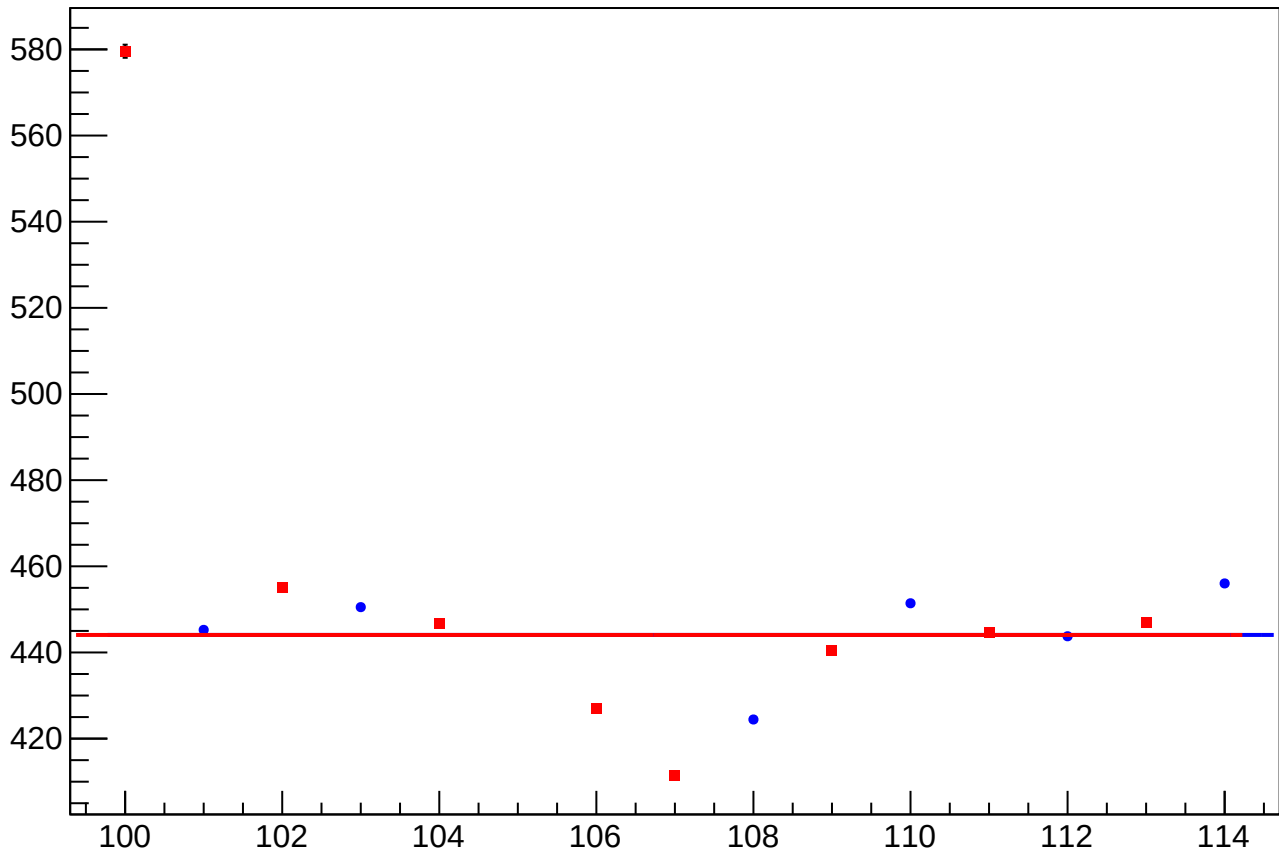
Right: 618.230+/-184.118 χ^2/NDF : 8.6/13

In: 701.875+/-273.595 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.230+/-184.118 χ^2/NDF : 8.6/13

cor_asym_sam2_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

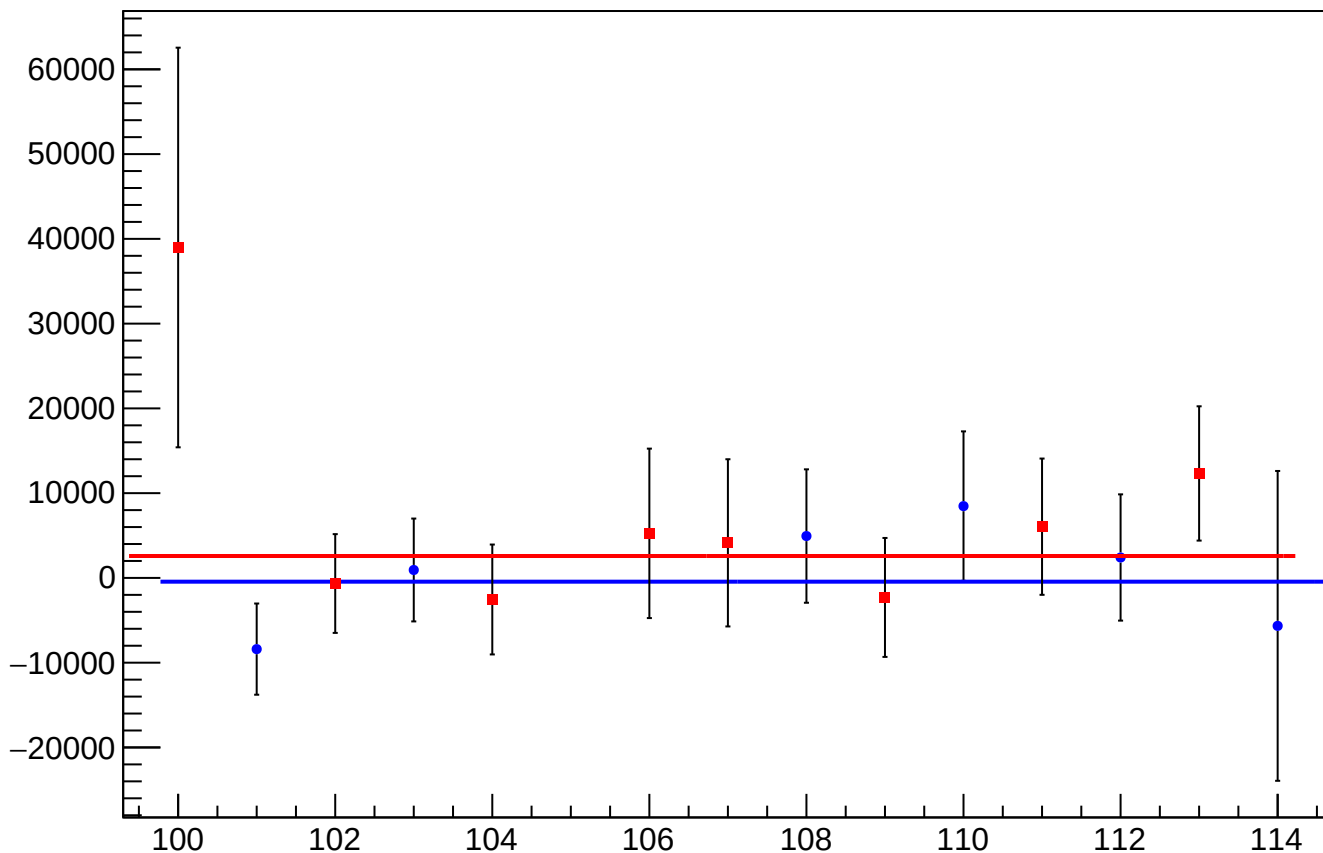
Right: 444.067 $\pm$ 0.130 χ^2 /NDF: 14892.1/13

In: 444.070 $\pm$ 0.193 χ^2 /NDF:2279.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 444.067 $\pm$ 0.130 χ^2 /NDF: 14892.1/13

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

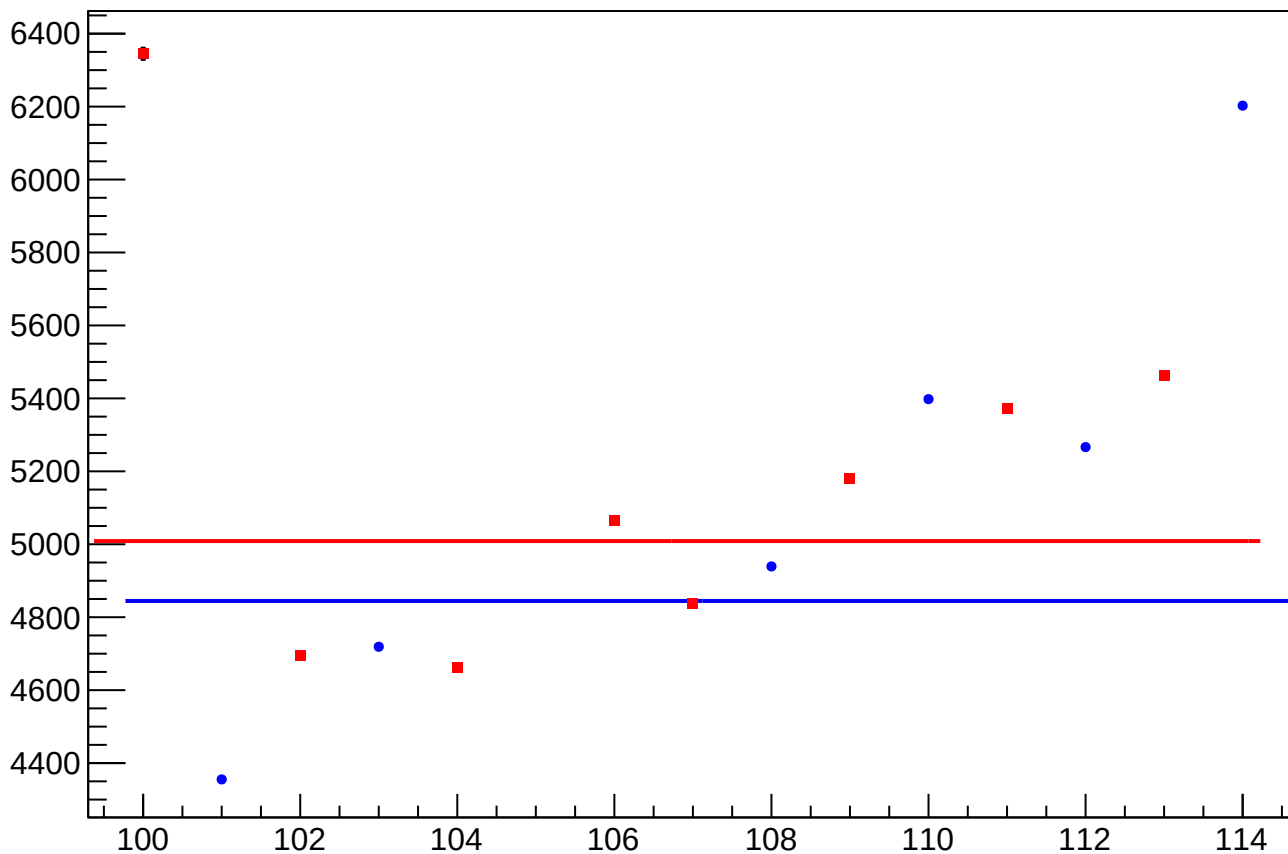
Right: 1167.967+/-2046.304 χ^2/NDF : 10.1/13

In: -443.464+/-2991.423 χ^2/NDF :4.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1167.967+/-2046.304 χ^2/NDF : 10.1/13

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

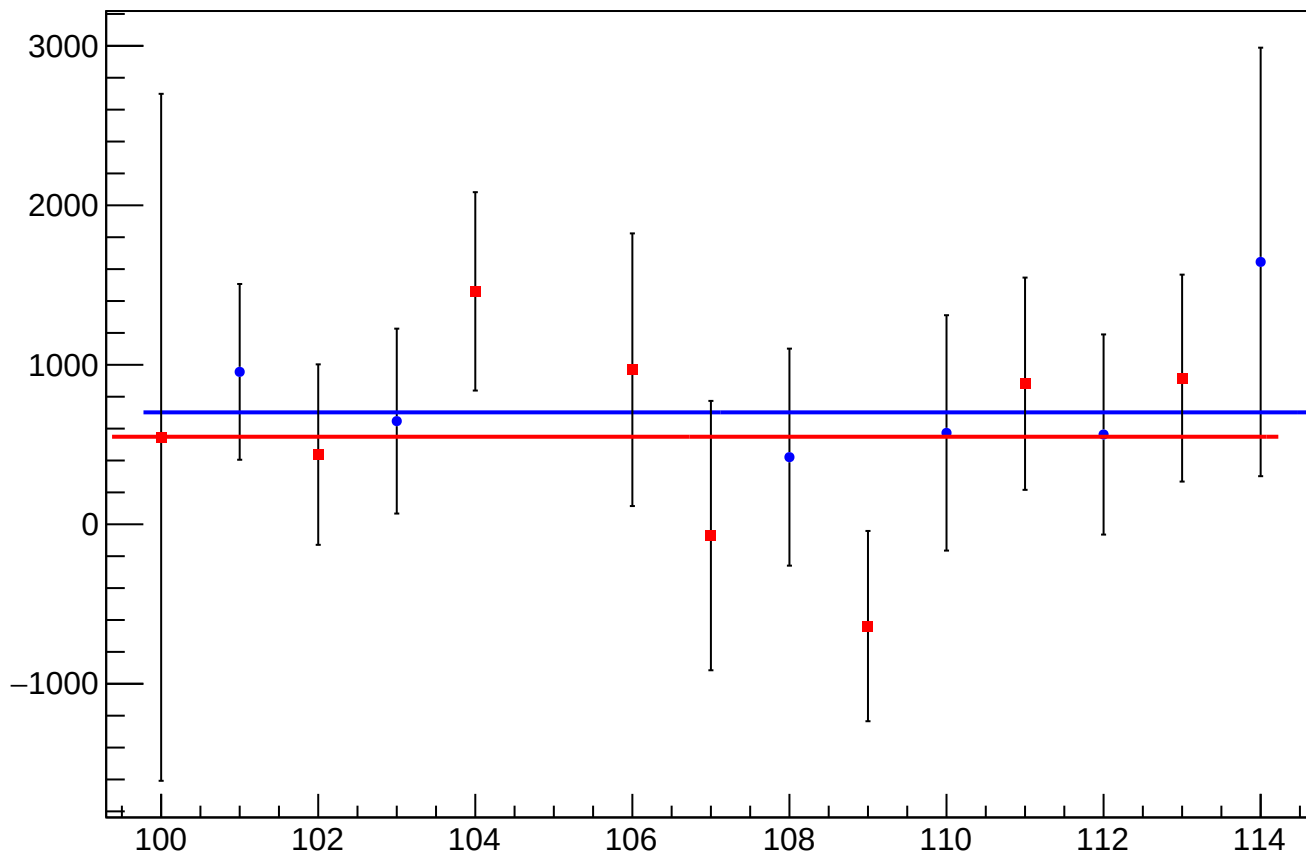
Right: 4931.943+/-1.447 χ^2/NDF : 76689.3/13

In: 4844.560+/-2.115 χ^2/NDF : 43028.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4931.943+/-1.447 χ^2/NDF : 76689.3/13

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 701.875+/-273.595 χ^2/NDF : 1.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.994+/-248.917 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

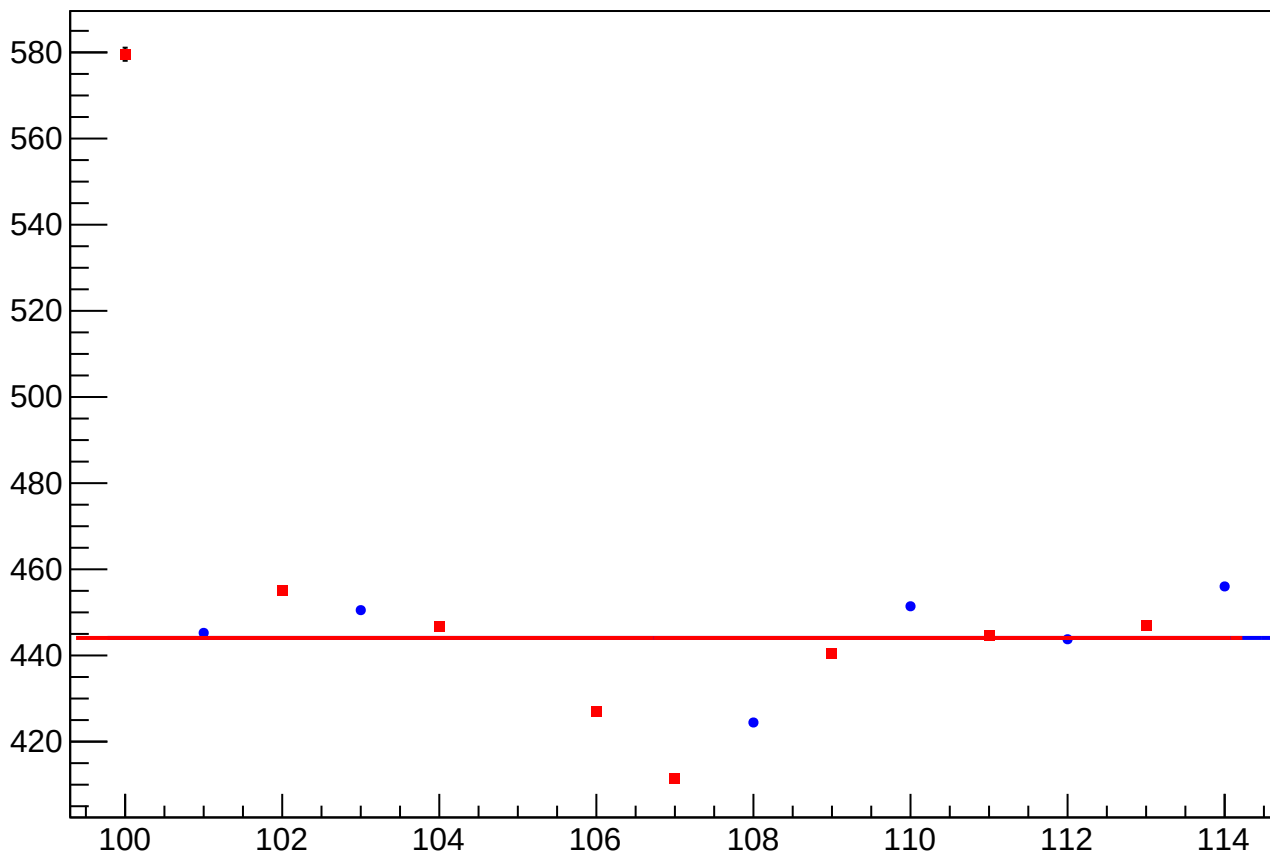
Right: 618.230+/-184.118 χ^2/NDF : 8.6/13

In: 701.875+/-273.595 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.230+/-184.118 χ^2/NDF : 8.6/13

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 444.070+/-0.193 χ^2/NDF : 2279.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.064+/-0.176 χ^2/NDF : 12612.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

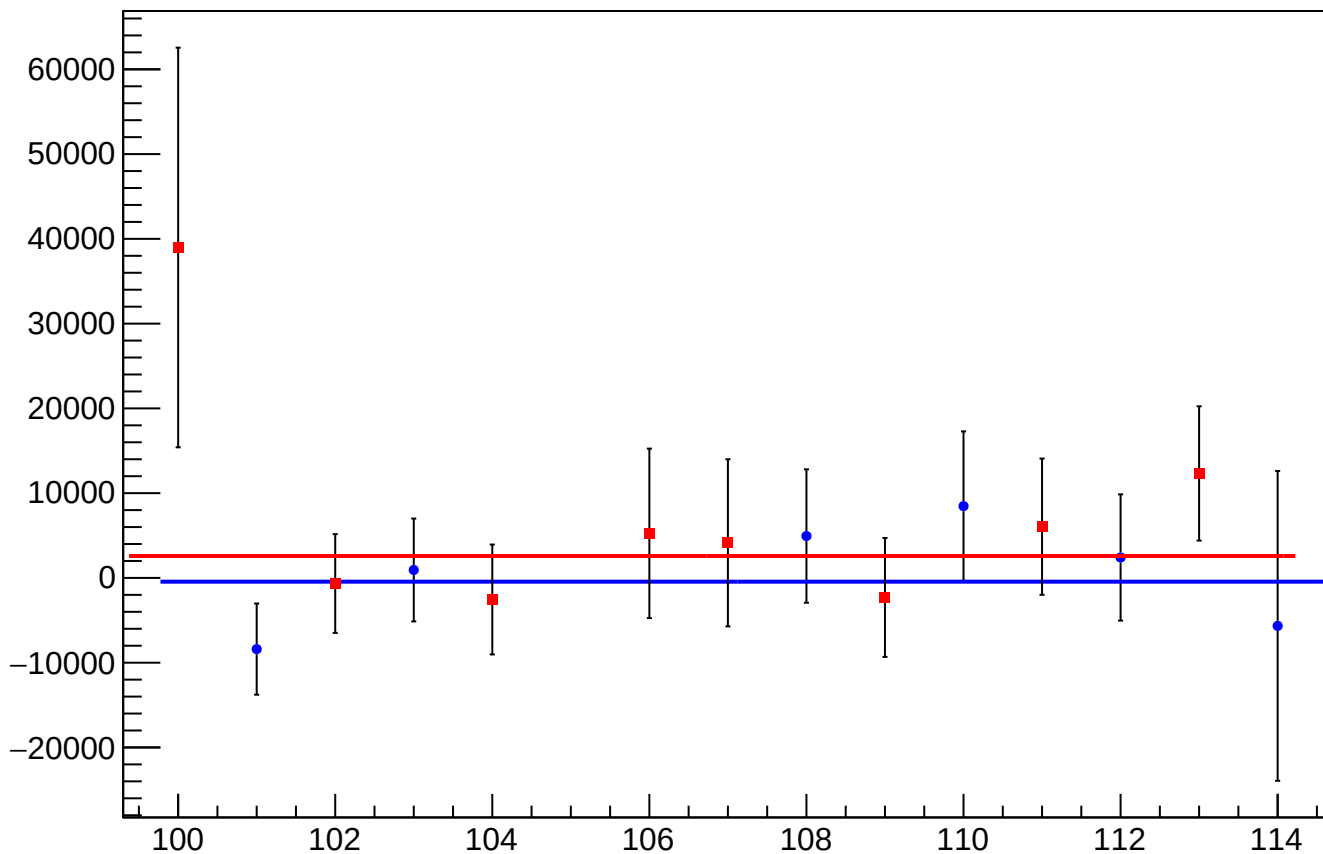
Right: 444.067+/-0.130 χ^2/NDF : 14892.1/13

In: 444.070+/-0.193 χ^2/NDF : 2279.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.067+/-0.130 χ^2/NDF : 14892.1/13

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

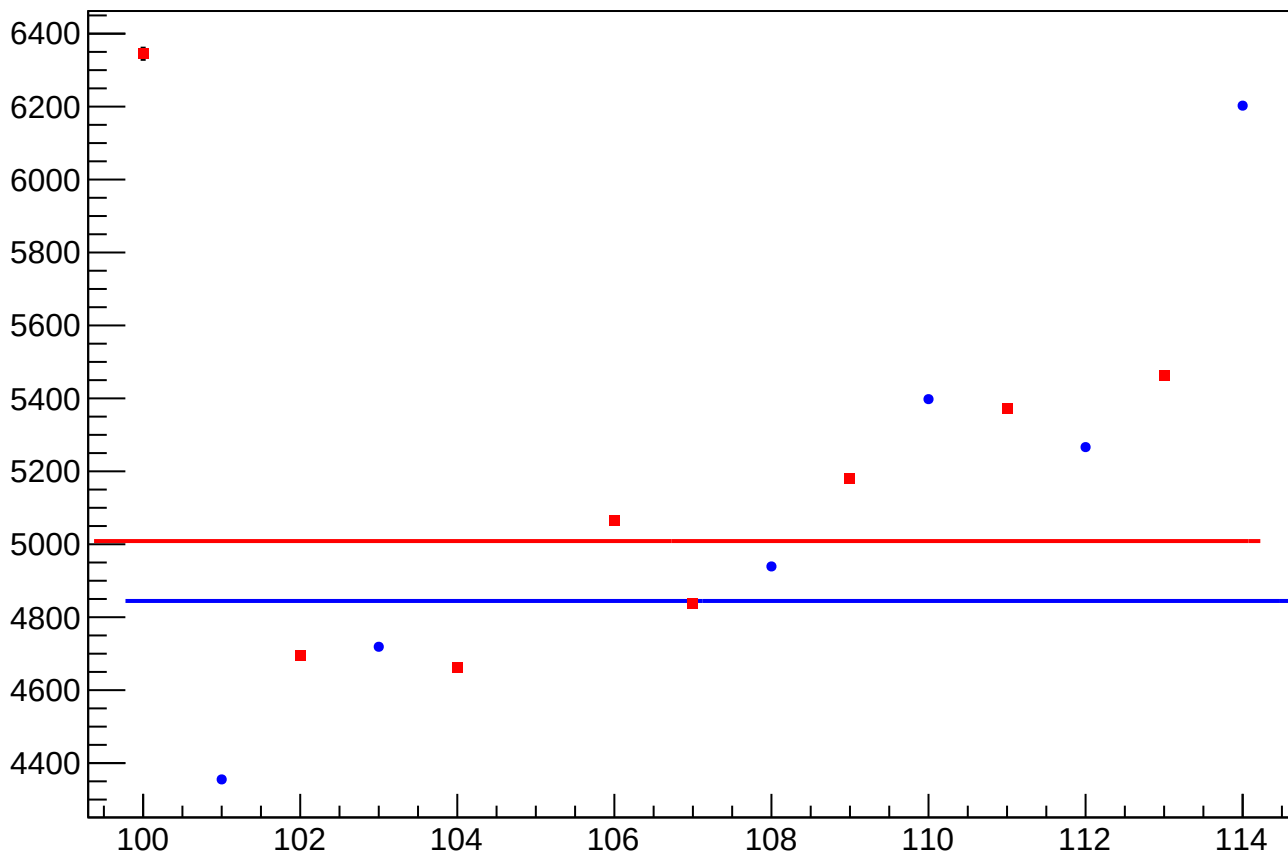
Right: 1167.967+/-2046.304 χ^2/NDF : 10.1/13

In: -443.464+/-2991.423 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.967+/-2046.304 χ^2/NDF : 10.1/13

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

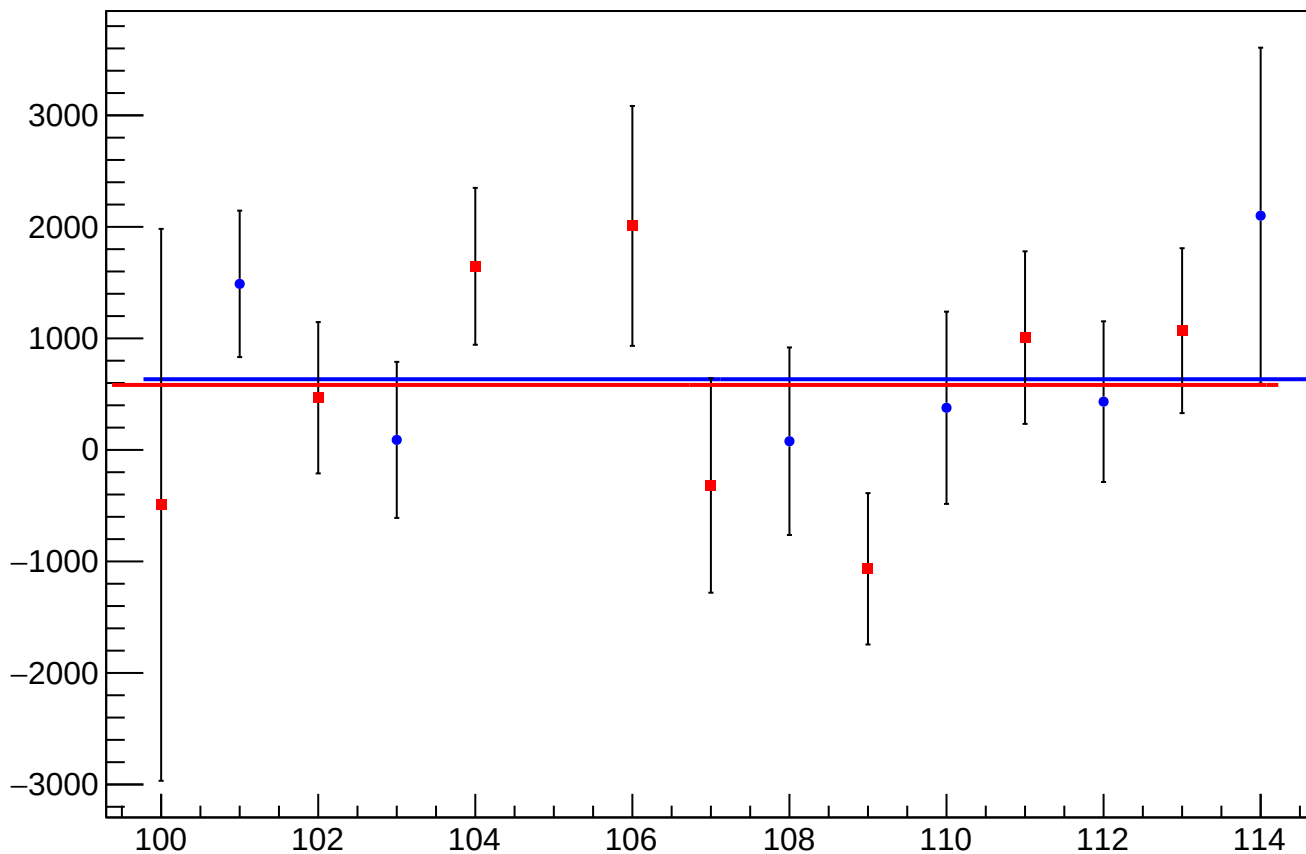
Right: 4931.943+/-1.447 χ^2/NDF : 76689.3/13

In: 4844.560+/-2.115 χ^2/NDF : 43028.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4931.943+/-1.447 χ^2/NDF : 76689.3/13

dit_asym_sam2_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

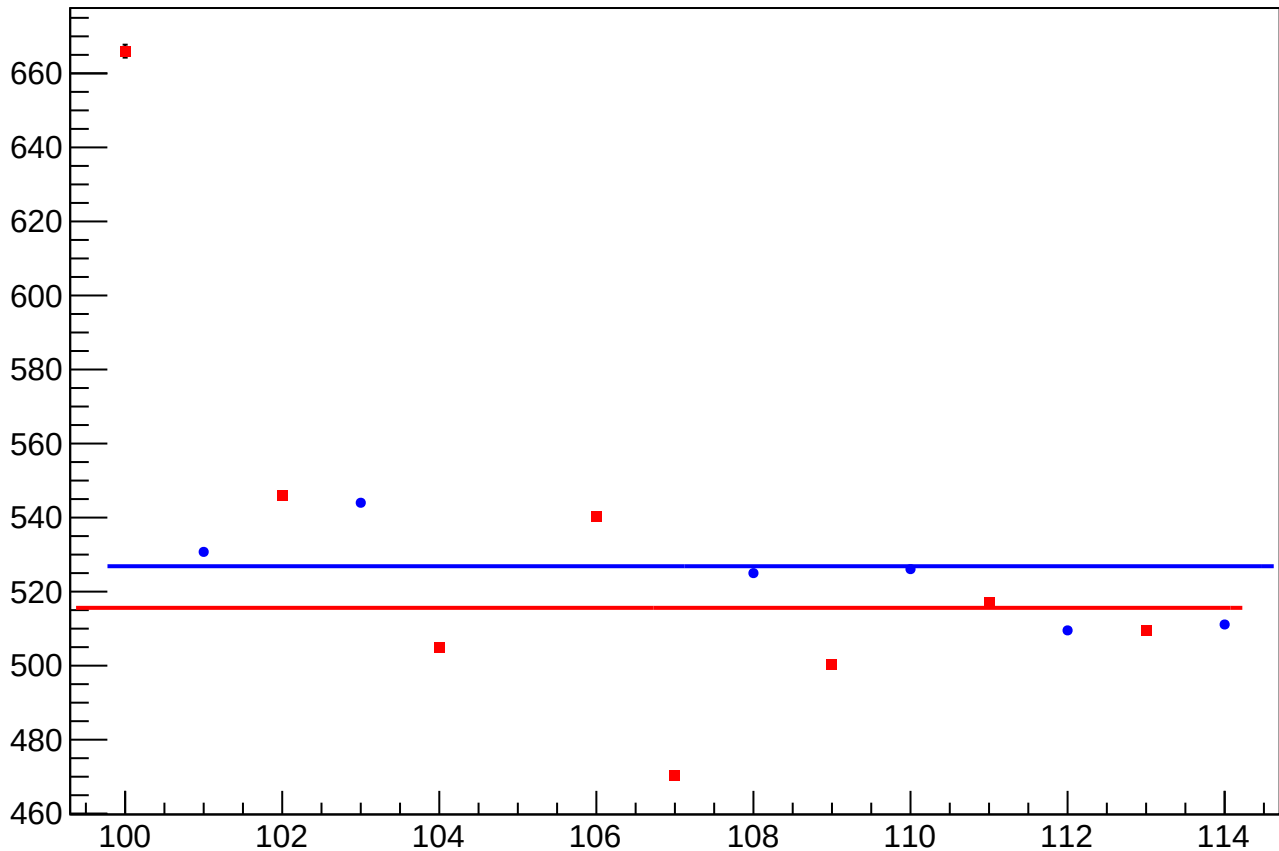
Right: 605.282+/-215.847 χ^2/NDF : 15.6/13

In: 633.801+/-324.615 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.282+/-215.847 χ^2/NDF : 15.6/13

dit_asym_sam2_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

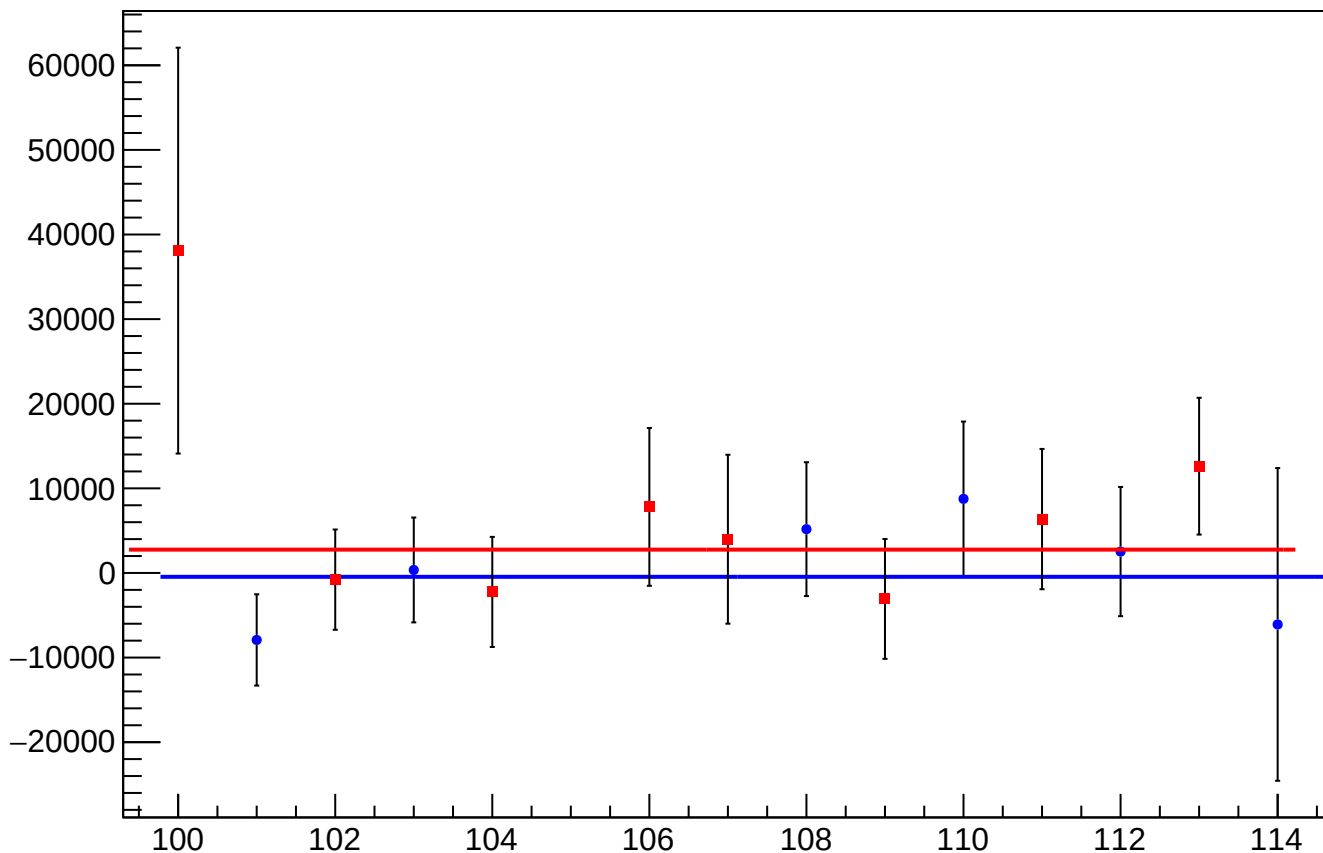
Right: 520.589 $\pm$ 0.153 χ^2 /NDF: 22499.5/13

In: 526.860 $\pm$ 0.230 χ^2 /NDF:2658.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 520.589 $\pm$ 0.153 χ^2 /NDF: 22499.5/13

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -456.504+/-3036.802 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2757.438+/-2826.458 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

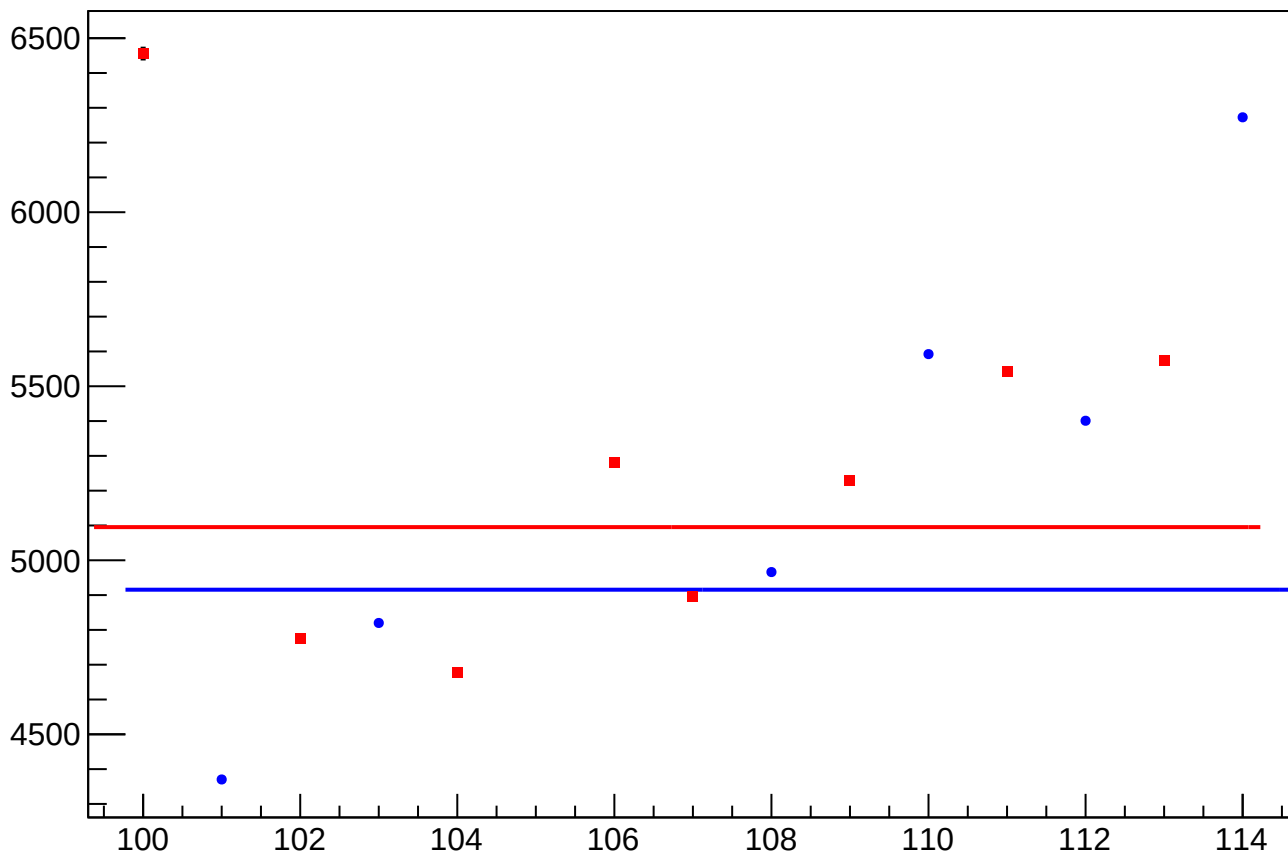
Right: 1265.619+/-2068.976 χ^2/NDF : 10.1/13

In: -456.504+/-3036.802 χ^2/NDF :3.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1265.619+/-2068.976 χ^2/NDF : 10.1/13

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4915.491+/-2.147 χ^2/NDF : 50824.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5095.302+/-1.999 χ^2/NDF : 35580.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

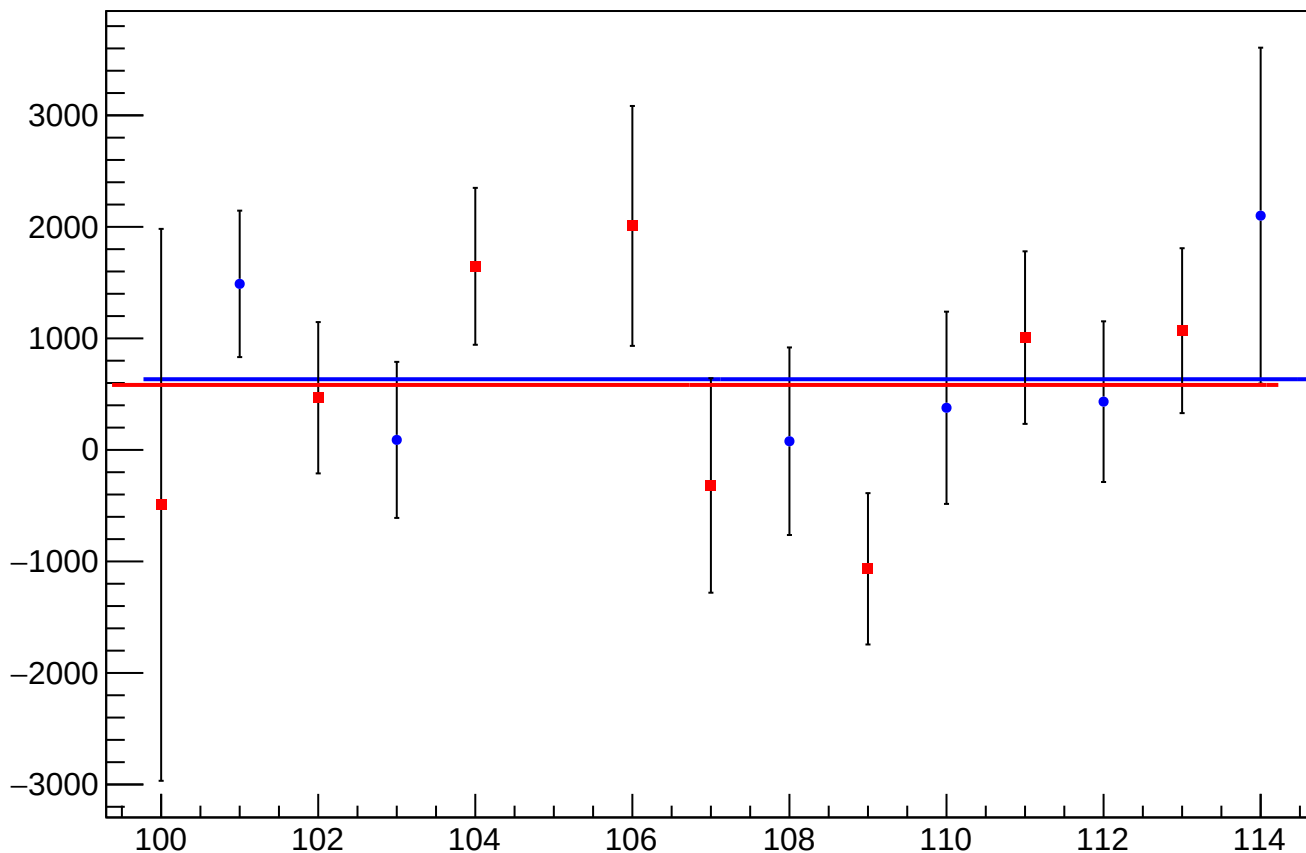
Right: 5011.839+/-1.463 χ^2/NDF : 90162.4/13

In: 4915.491+/-2.147 χ^2/NDF : 50824.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5011.839+/-1.463 χ^2/NDF : 90162.4/13

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 633.783+/-324.613 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.668+/-288.987 χ^2/NDF : 11.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

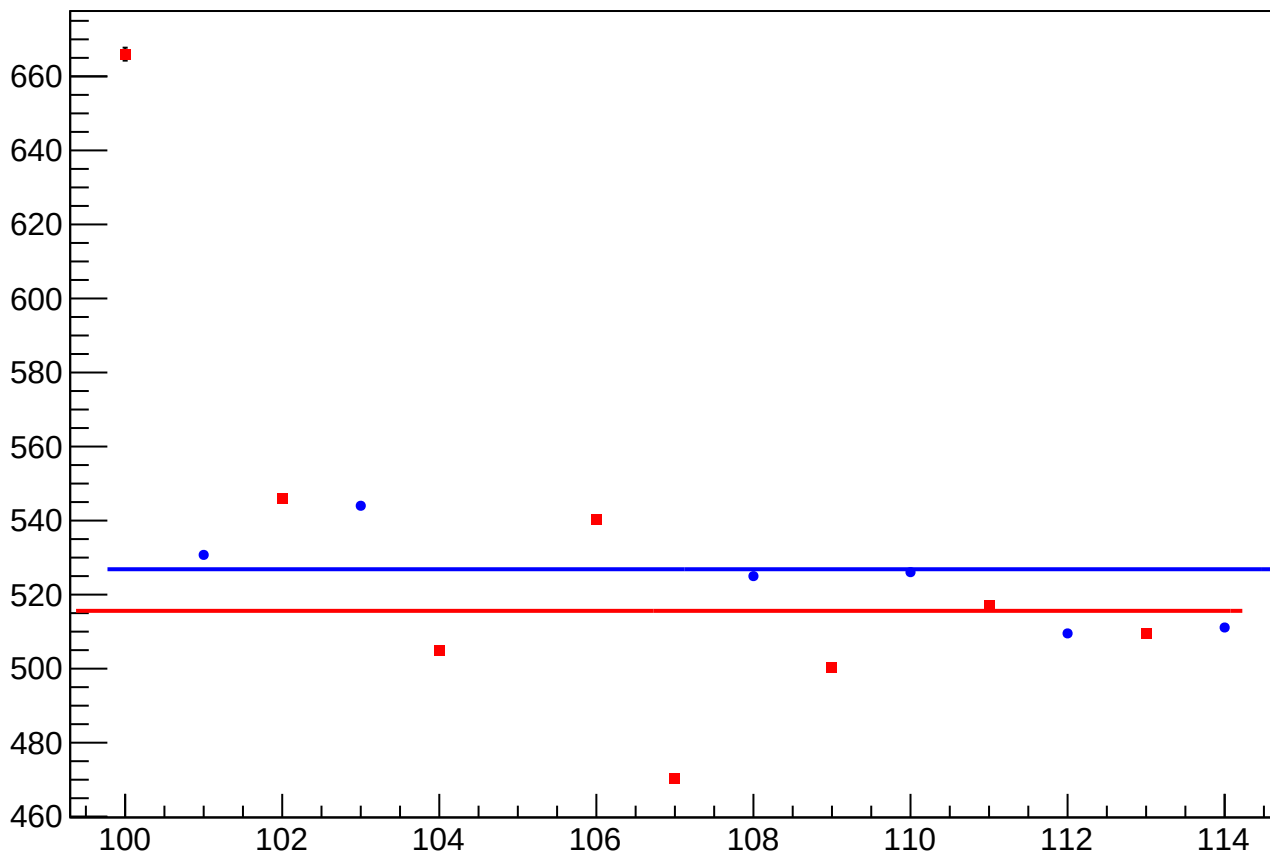
Right: 605.267+/-215.845 χ^2/NDF : 15.6/13

In: 633.783+/-324.613 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.267+/-215.845 χ^2/NDF : 15.6/13

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

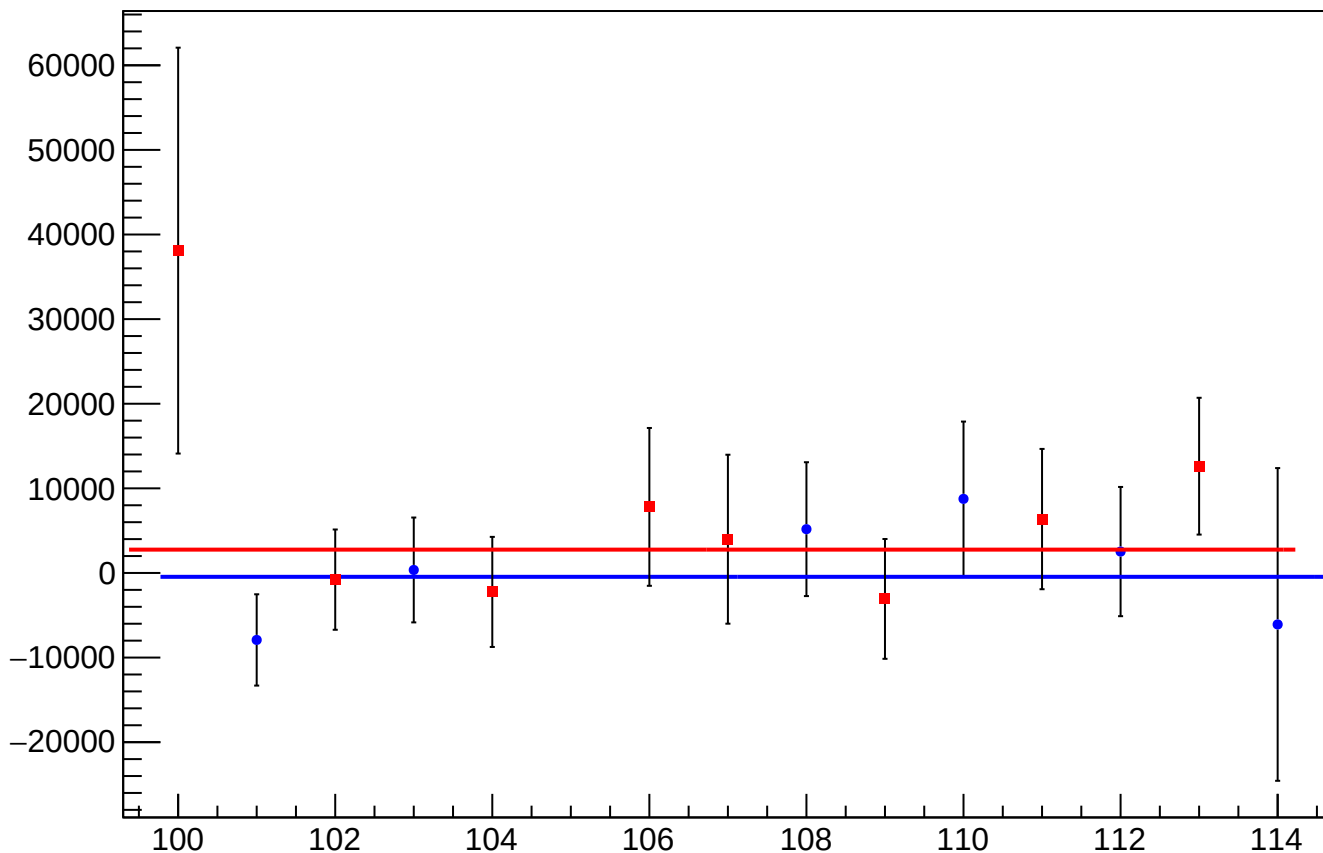
Right: 520.585+/-0.153 χ^2/NDF : 22499.9/13

In: 526.856+/-0.230 χ^2/NDF : 2658.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.585+/-0.153 χ^2/NDF : 22499.9/13

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

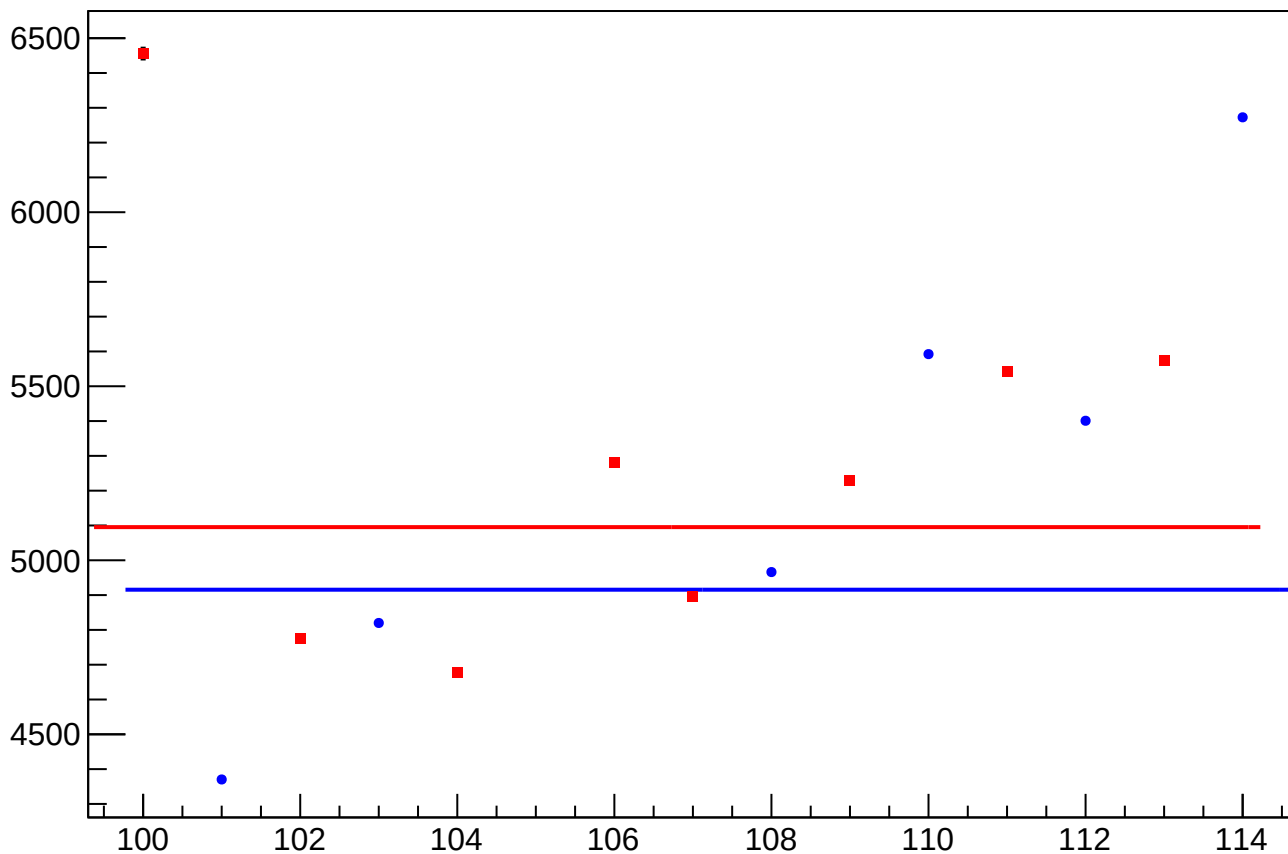
Right: 1265.615+/-2068.970 χ^2/NDF : 10.1/13

In: -456.504+/-3036.793 χ^2/NDF :3.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1265.615+/-2068.970 χ^2/NDF : 10.1/13

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

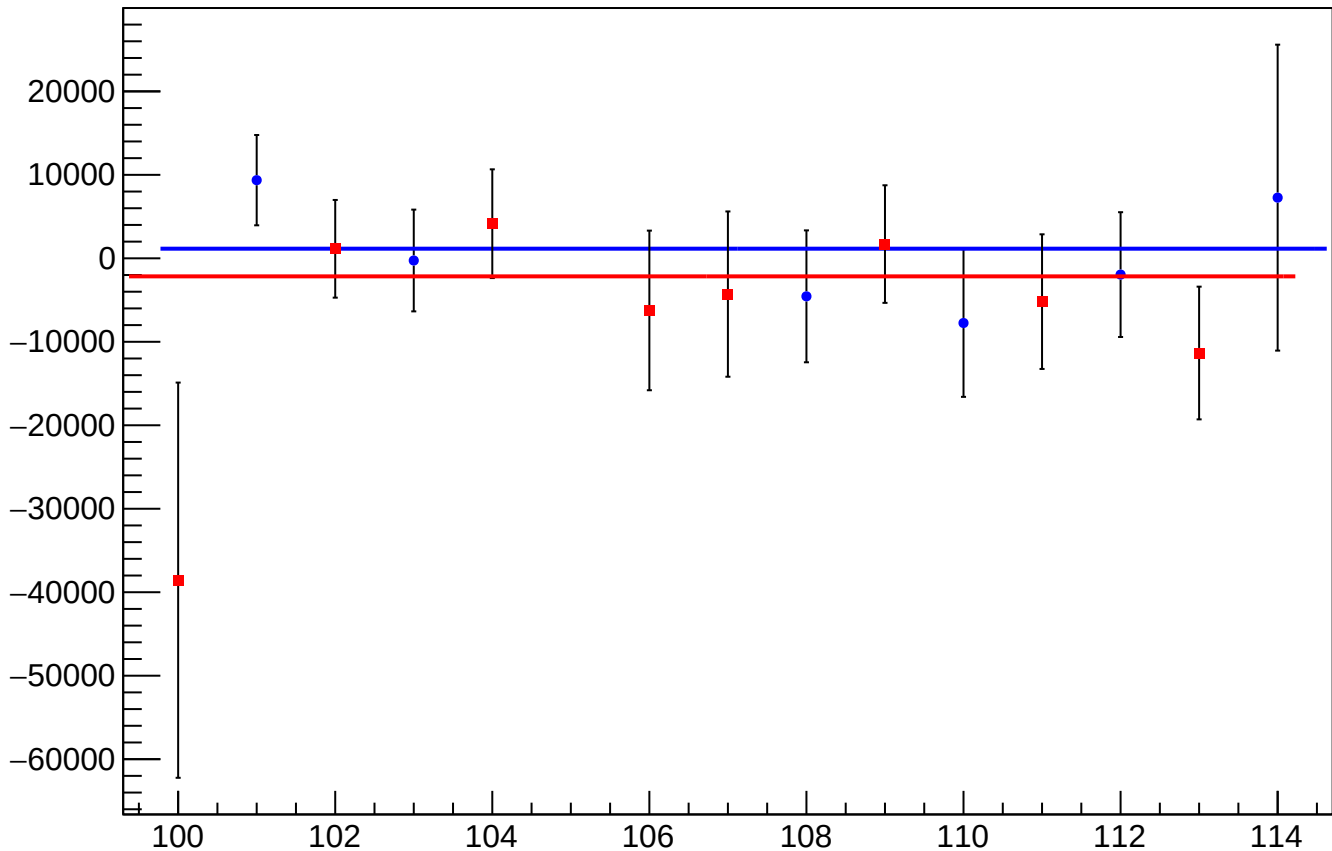
Right: 5011.824+/-1.463 χ^2/NDF : 90160.0/13

In: 4915.478+/-2.147 χ^2/NDF :50822.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5011.824+/-1.463 χ^2/NDF : 90160.0/13

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1154.238+/-3004.773 χ^2 /NDF: 4.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2161.027+/-2805.353 χ^2 /NDF: 5.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

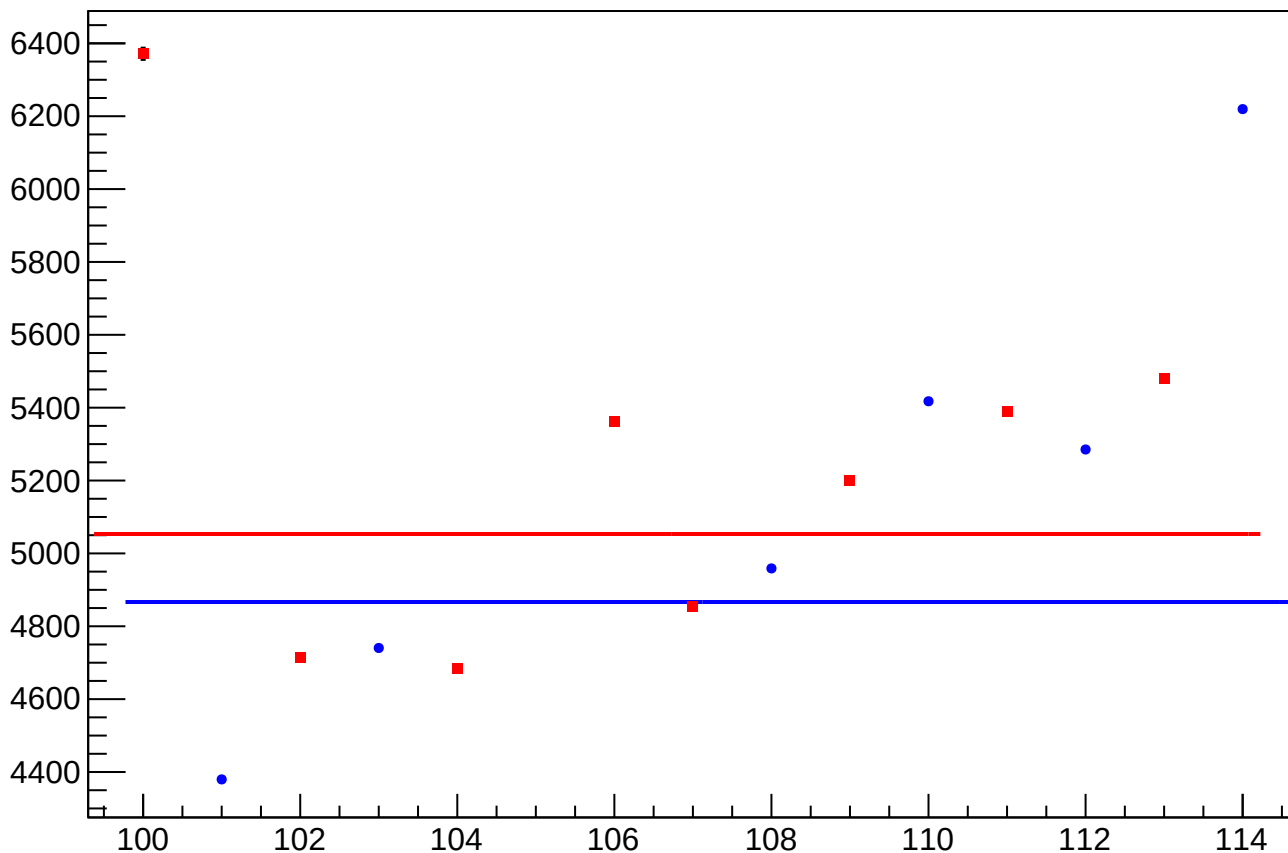
Right: -617.050+/-2050.562 χ^2 /NDF: 10.5/13

In: 1154.238+/-3004.773 χ^2 /NDF:4.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -617.050+/-2050.562 χ^2 /NDF: 10.5/13

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4866.606+/-2.125 χ^2/NDF : 42261.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5053.269+/-1.984 χ^2/NDF : 32359.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

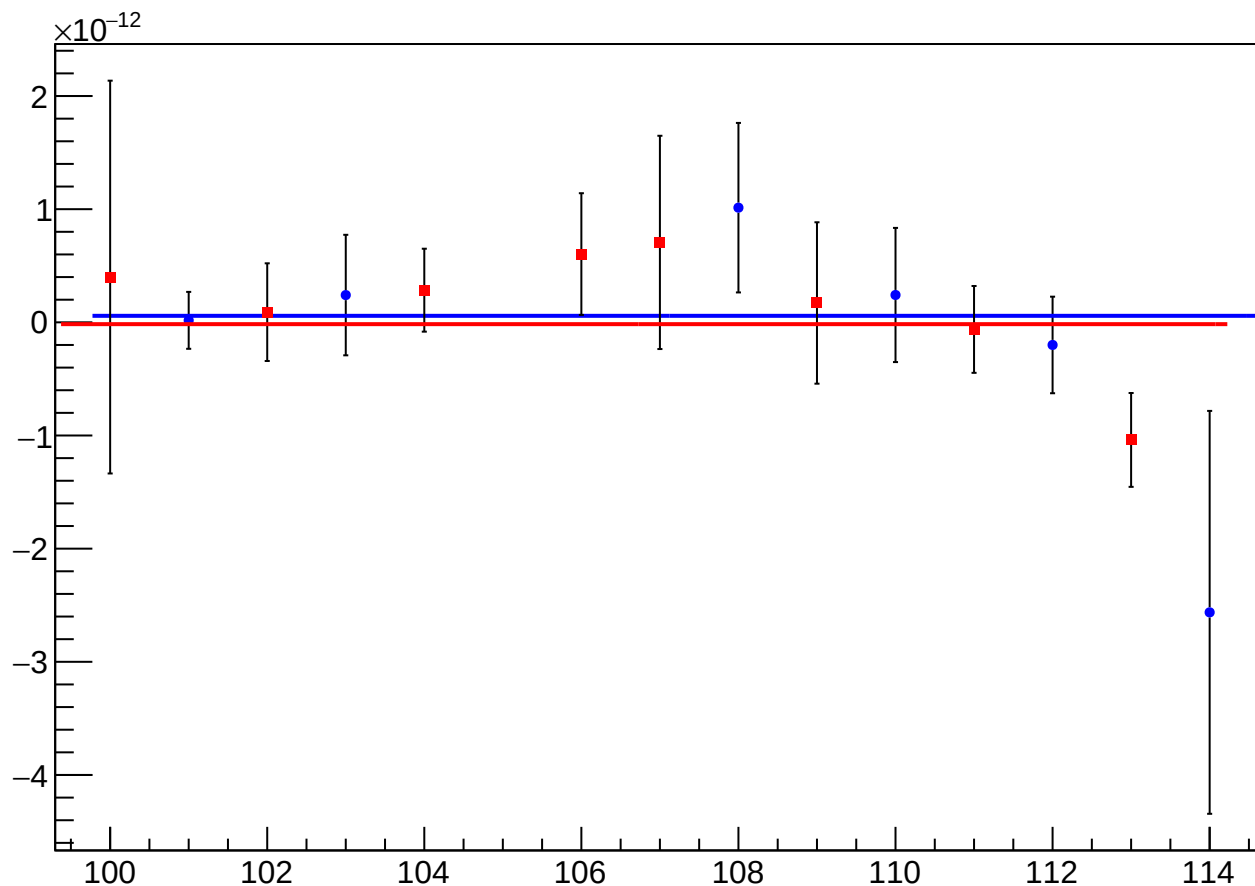
Right: 4966.337+/-1.450 χ^2/NDF : 78744.6/13

In: 4866.606+/-2.125 χ^2/NDF : 42261.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4966.337+/-1.450 χ^2/NDF : 78744.6/13

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

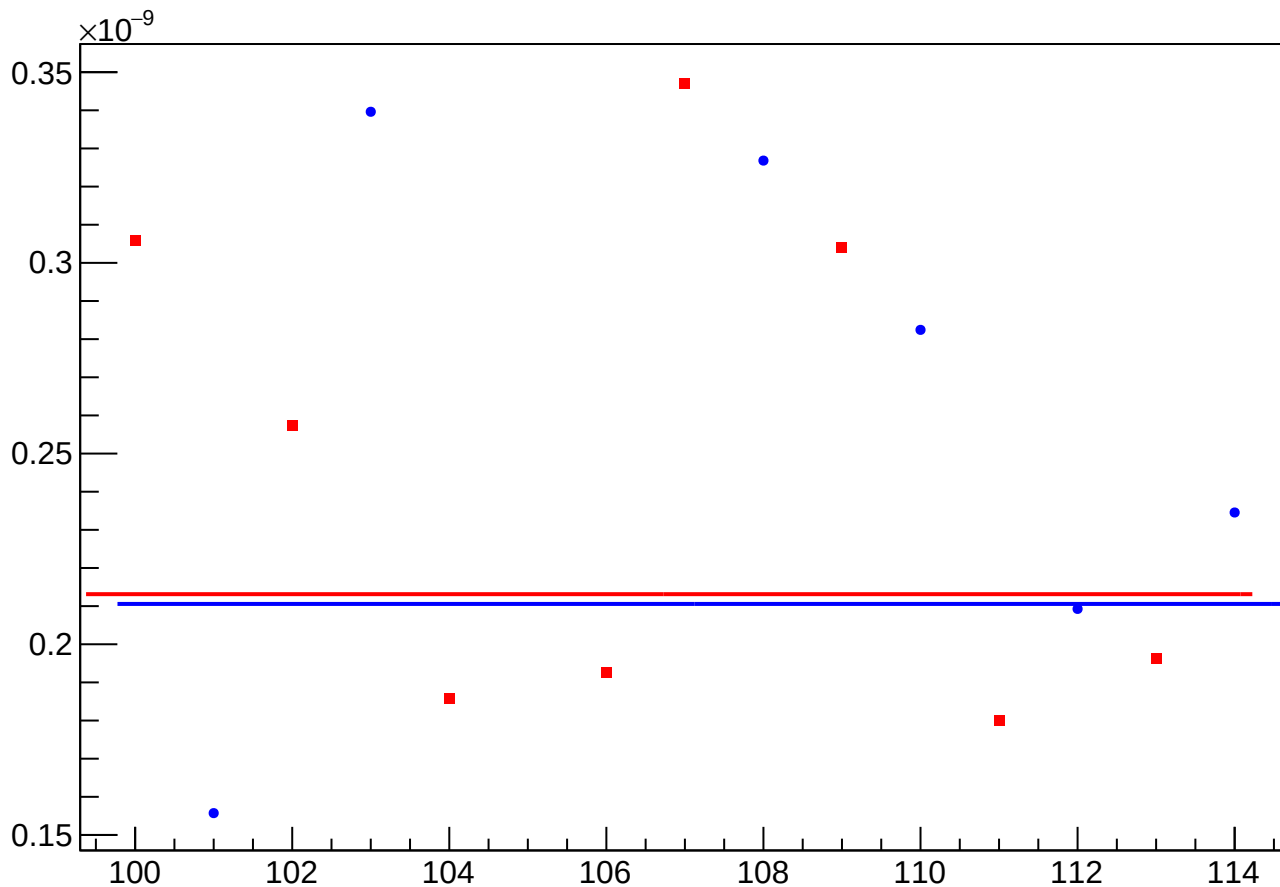
Right: 0.000+/-0.000 χ^2/NDF : 13.4/13

In: 0.000+/-0.000 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/13

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290501.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 131704.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

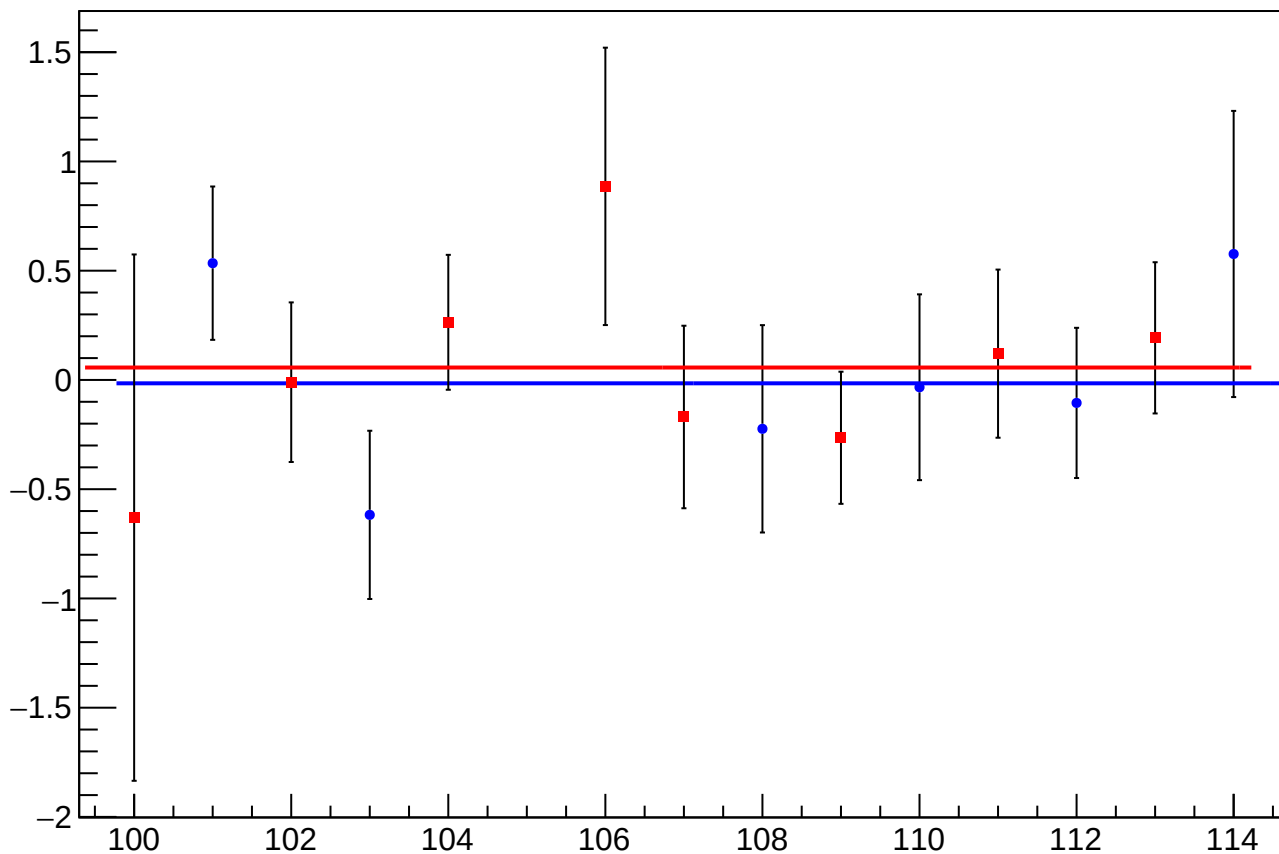
Right: 0.000+/-0.000 χ^2/NDF : 422410.2/13

In: 0.000+/-0.000 χ^2/NDF : 290501.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 422410.2/13

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

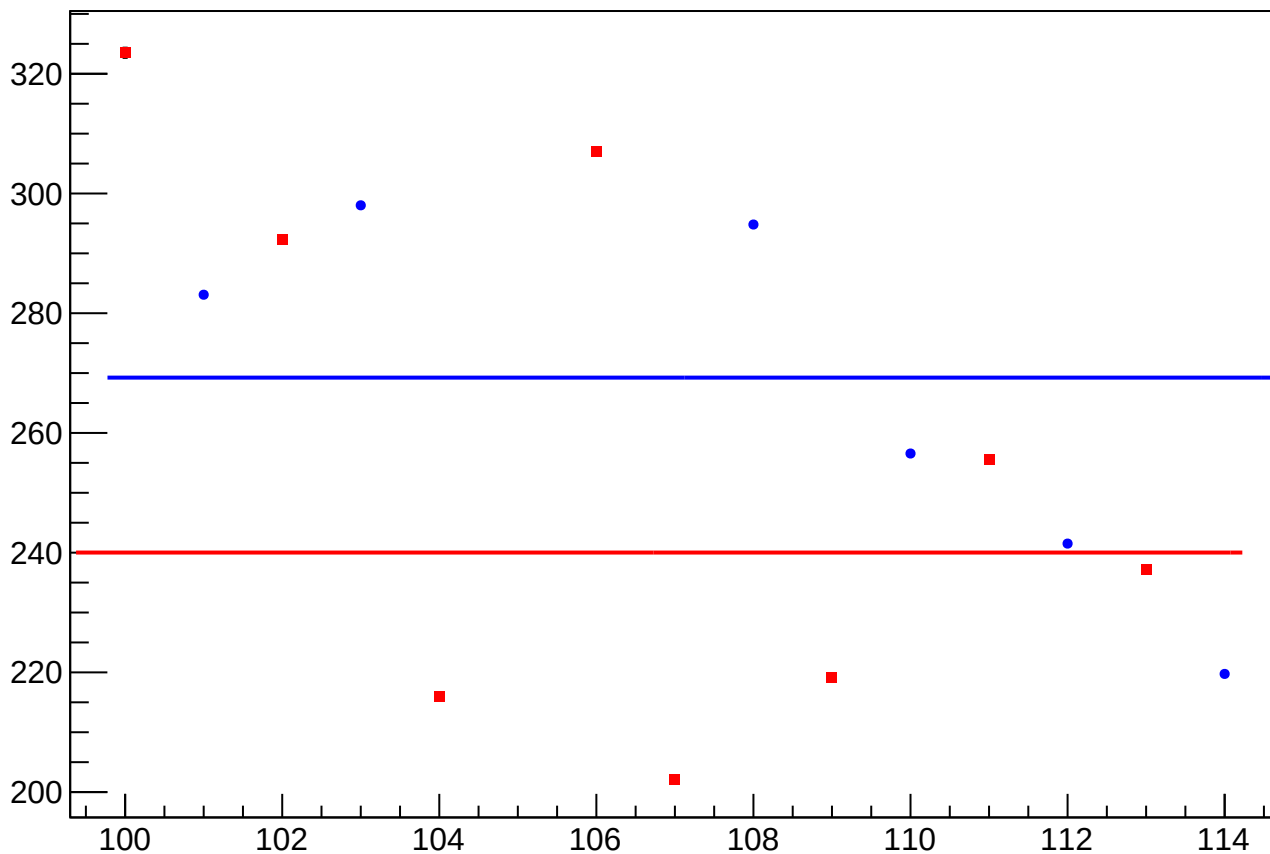
Right: 0.028 ± 0.106 χ^2/NDF : 10.2/13

In: -0.015 ± 0.168 χ^2/NDF : 6.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.106 χ^2/NDF : 10.2/13

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.243+/-0.118 χ^2/NDF : 46323.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.019+/-0.097 χ^2/NDF : 114267.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

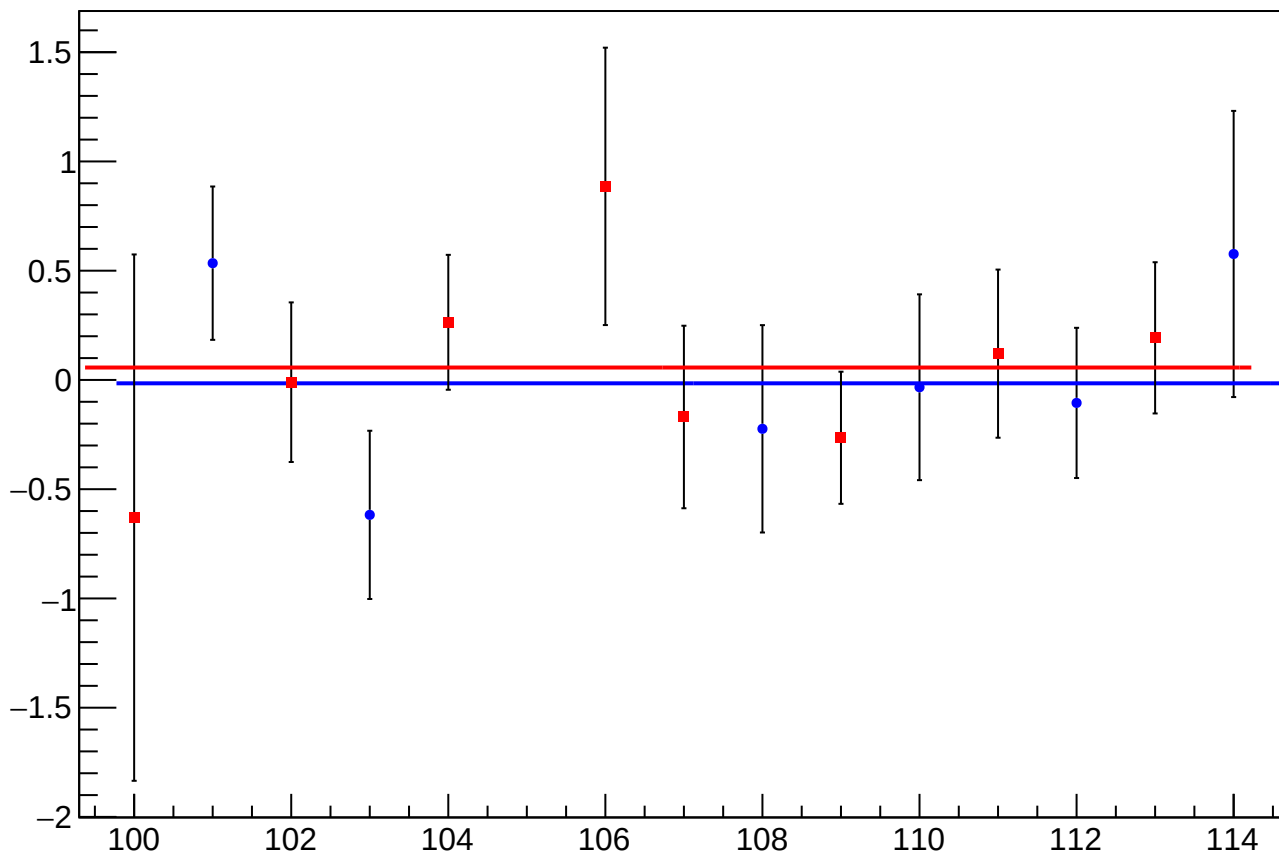
Right: 251.777+/-0.075 χ^2/NDF : 196970.4/13

In: 269.243+/-0.118 χ^2/NDF : 46323.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.777+/-0.075 χ^2/NDF : 196970.4/13

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

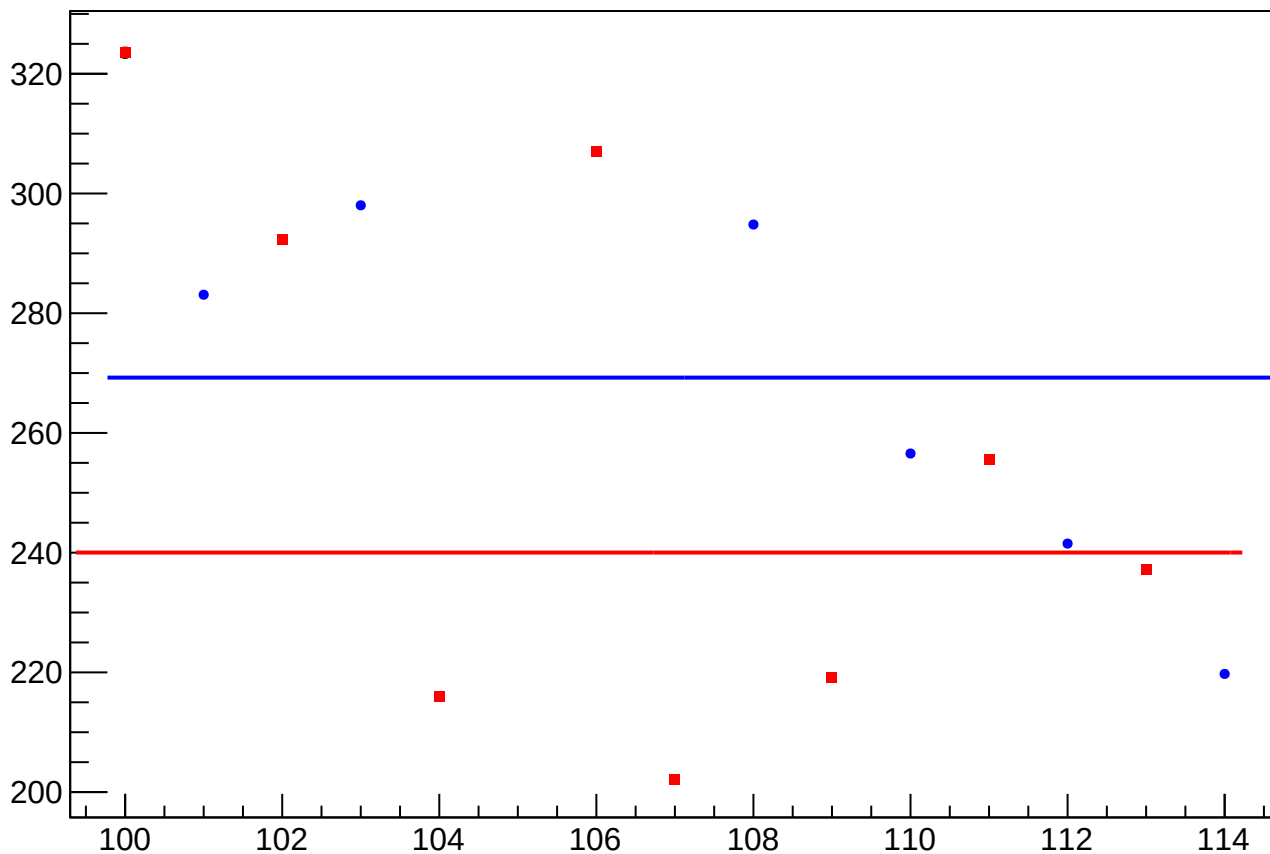
Right: 0.028 ± 0.106 χ^2/NDF : 10.2/13

In: -0.015 ± 0.168 χ^2/NDF : 6.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.106 χ^2/NDF : 10.2/13

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.243+/-0.118 χ^2/NDF : 46323.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.019+/-0.097 χ^2/NDF : 114267.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

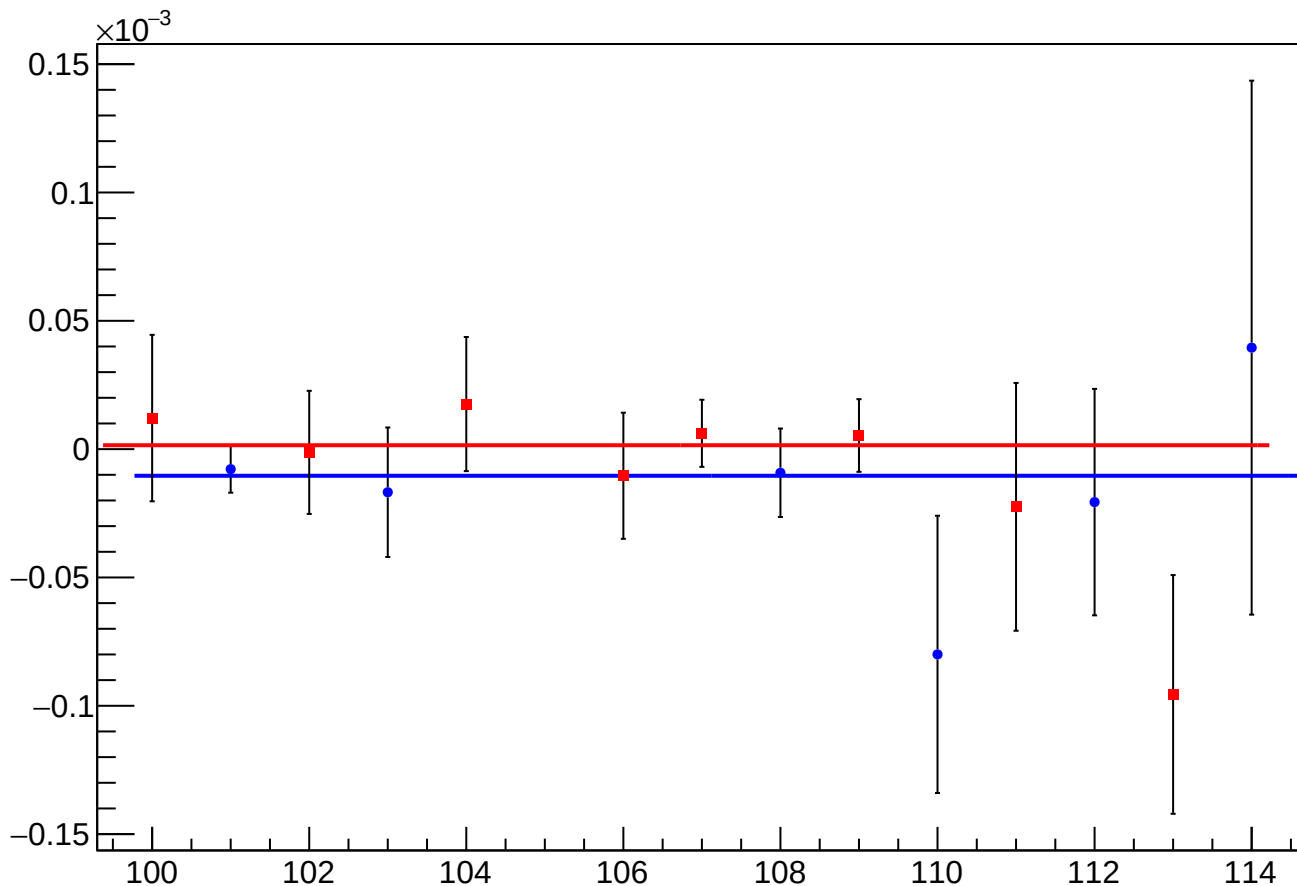
Right: 251.777+/-0.075 χ^2/NDF : 196970.4/13

In: 269.243+/-0.118 χ^2/NDF : 46323.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.777+/-0.075 χ^2/NDF : 196970.4/13

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

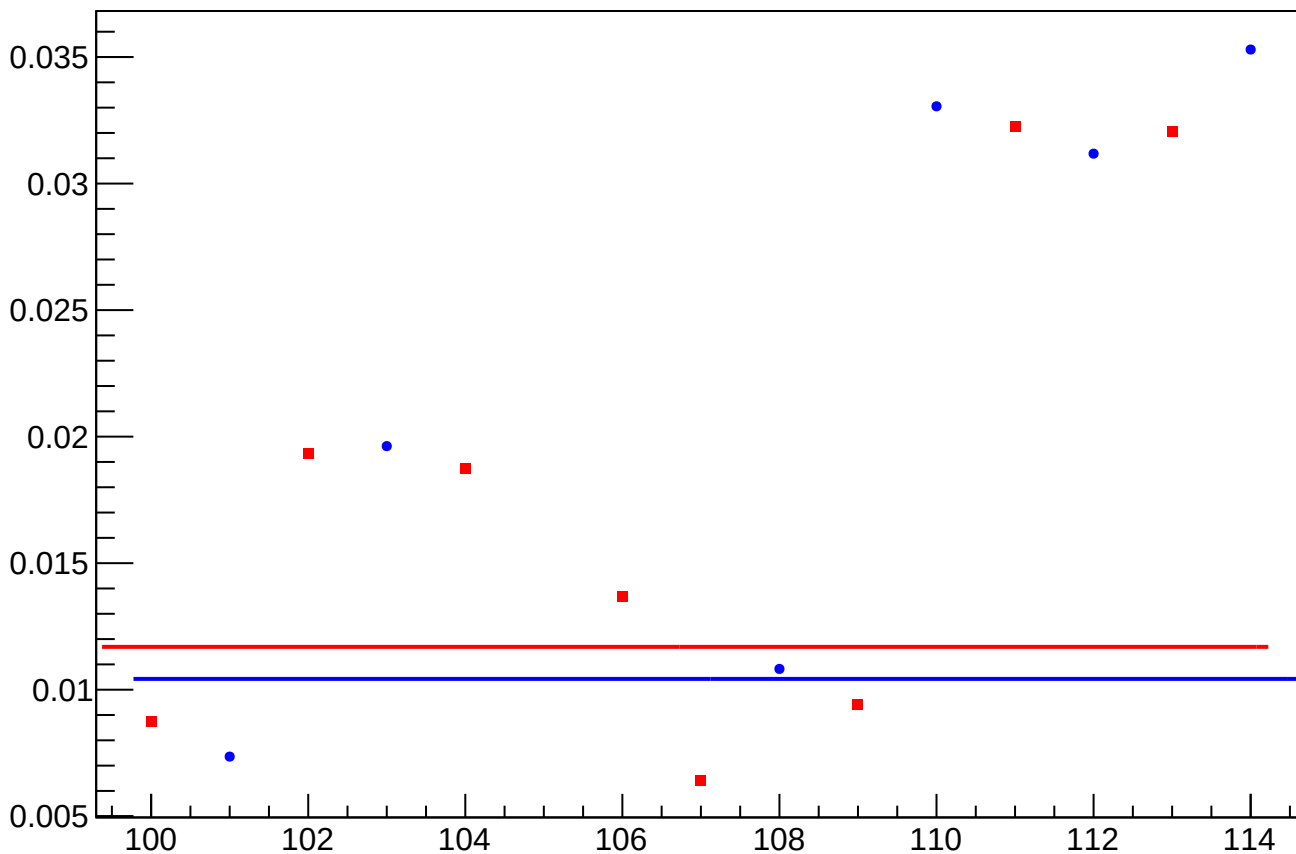
Right: -0.000+/-0.000 χ^2/NDF : 8.9/13

In: -0.000+/-0.000 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.9/13

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

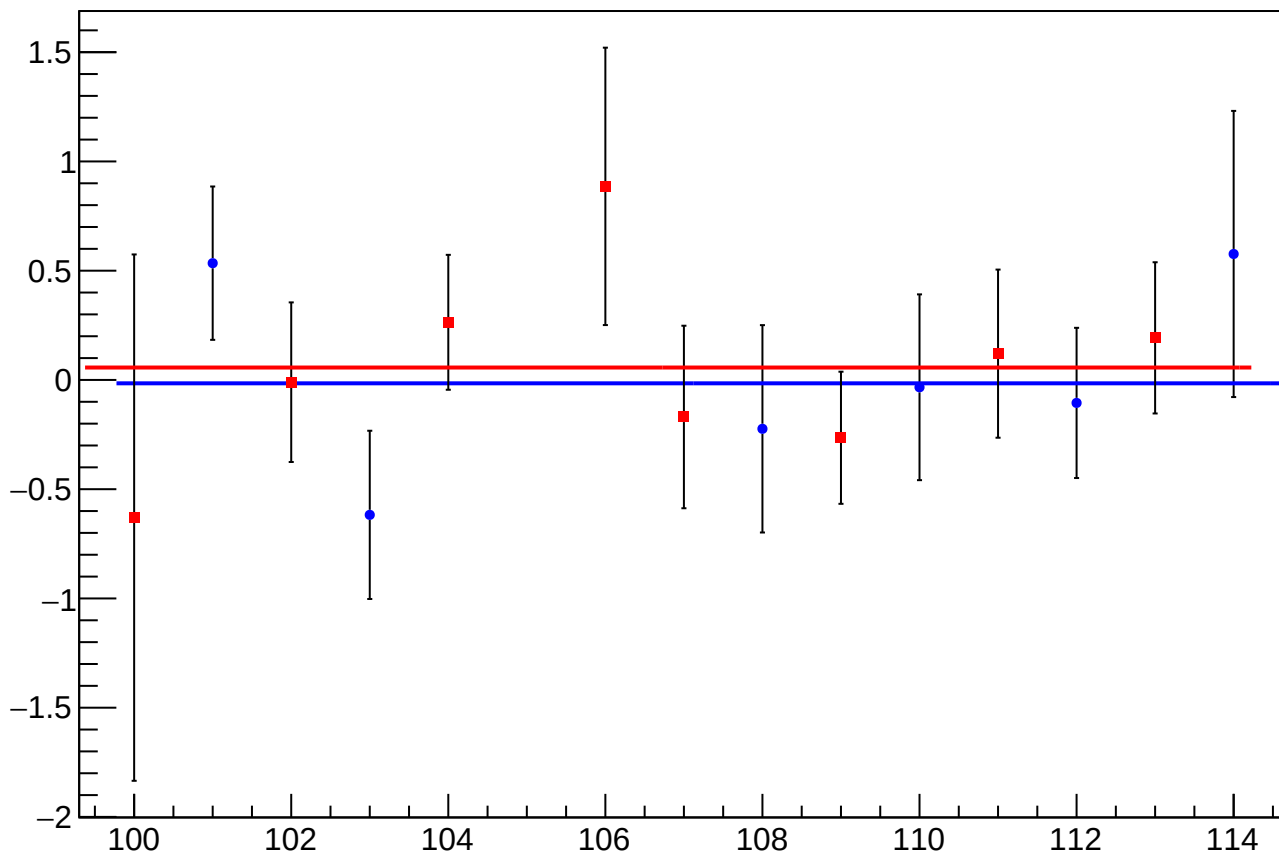
Right: 0.011+/-0.000 χ^2/NDF : 2930472.9/13

In: 0.010+/-0.000 χ^2/NDF : 1398963.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2930472.9/13

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

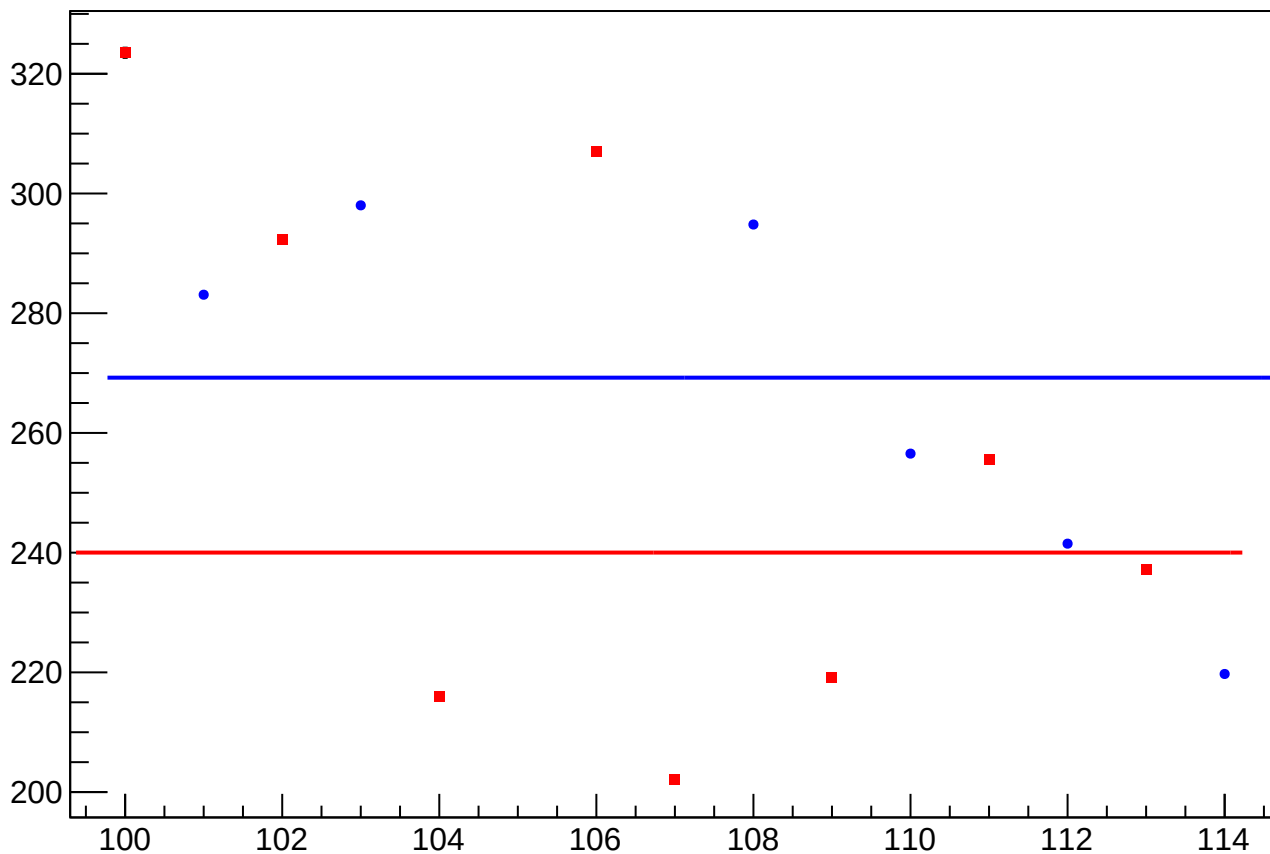
Right: 0.028+/-0.106 χ^2/NDF : 10.2/13

In: -0.015+/-0.168 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.106 χ^2/NDF : 10.2/13

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.234+/-0.118 χ^2/NDF : 46344.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.013+/-0.097 χ^2/NDF : 114263.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

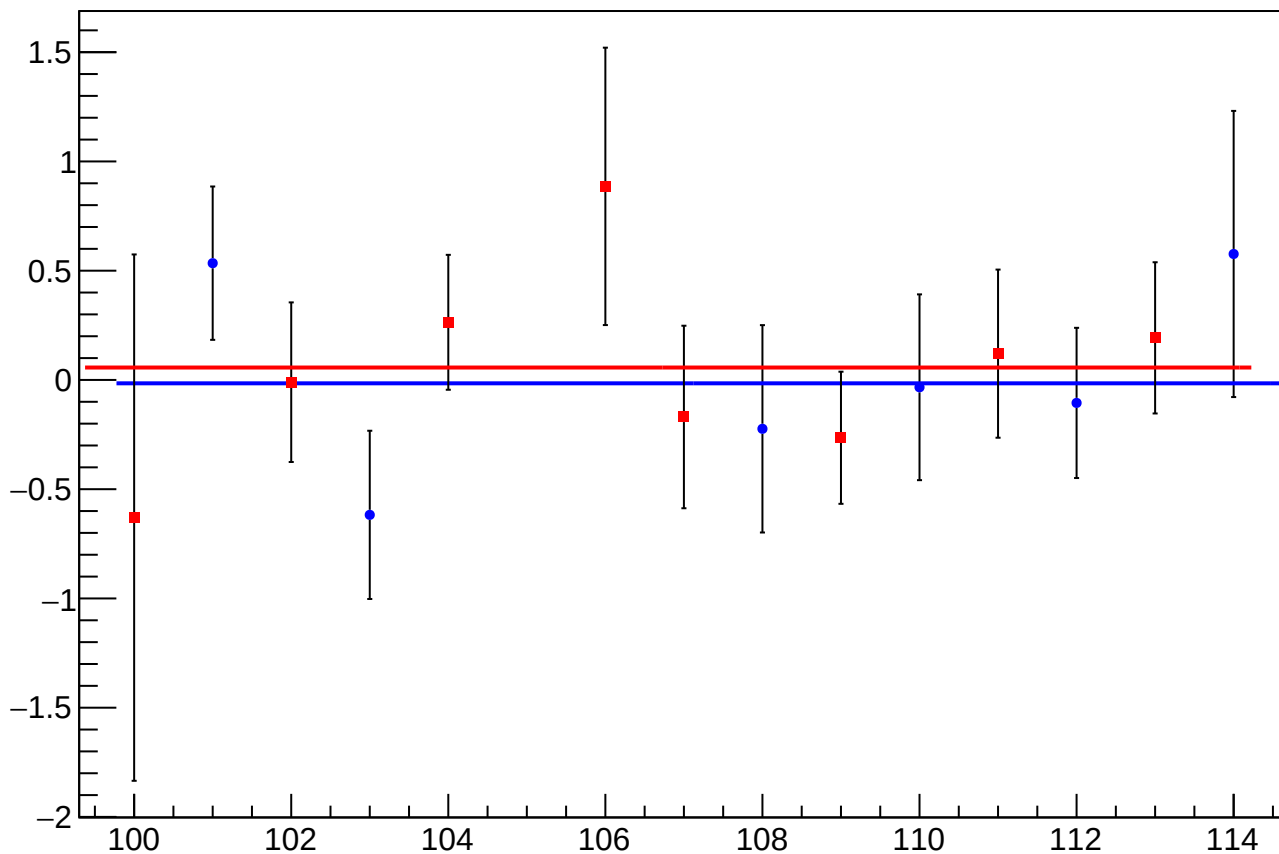
Right: 251.770+/-0.075 χ^2/NDF : 196982.1/13

In: 269.234+/-0.118 χ^2/NDF : 46344.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.770+/-0.075 χ^2/NDF : 196982.1/13

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

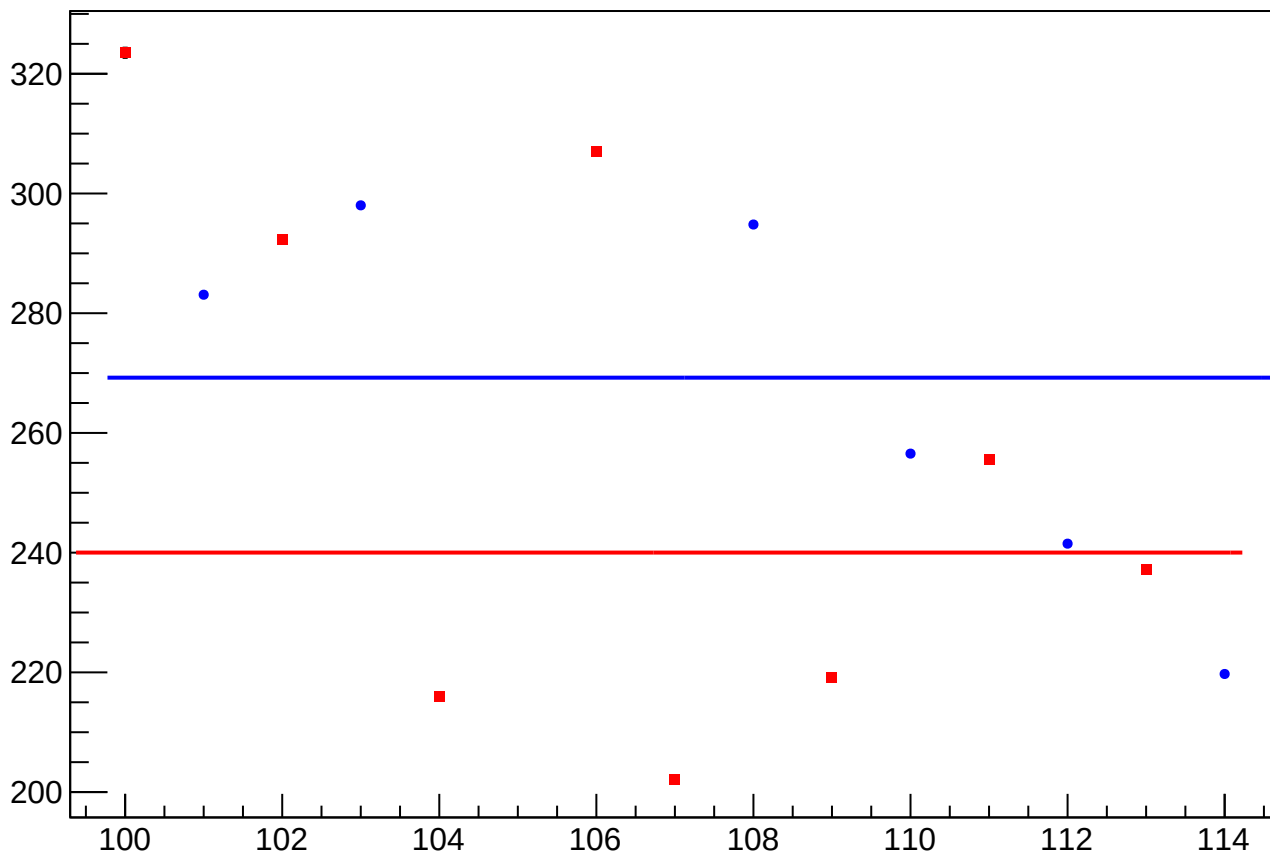
Right: 0.028+/-0.106 χ^2/NDF : 10.2/13

In: -0.015+/-0.168 χ^2/NDF :6.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.028+/-0.106 χ^2/NDF : 10.2/13

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

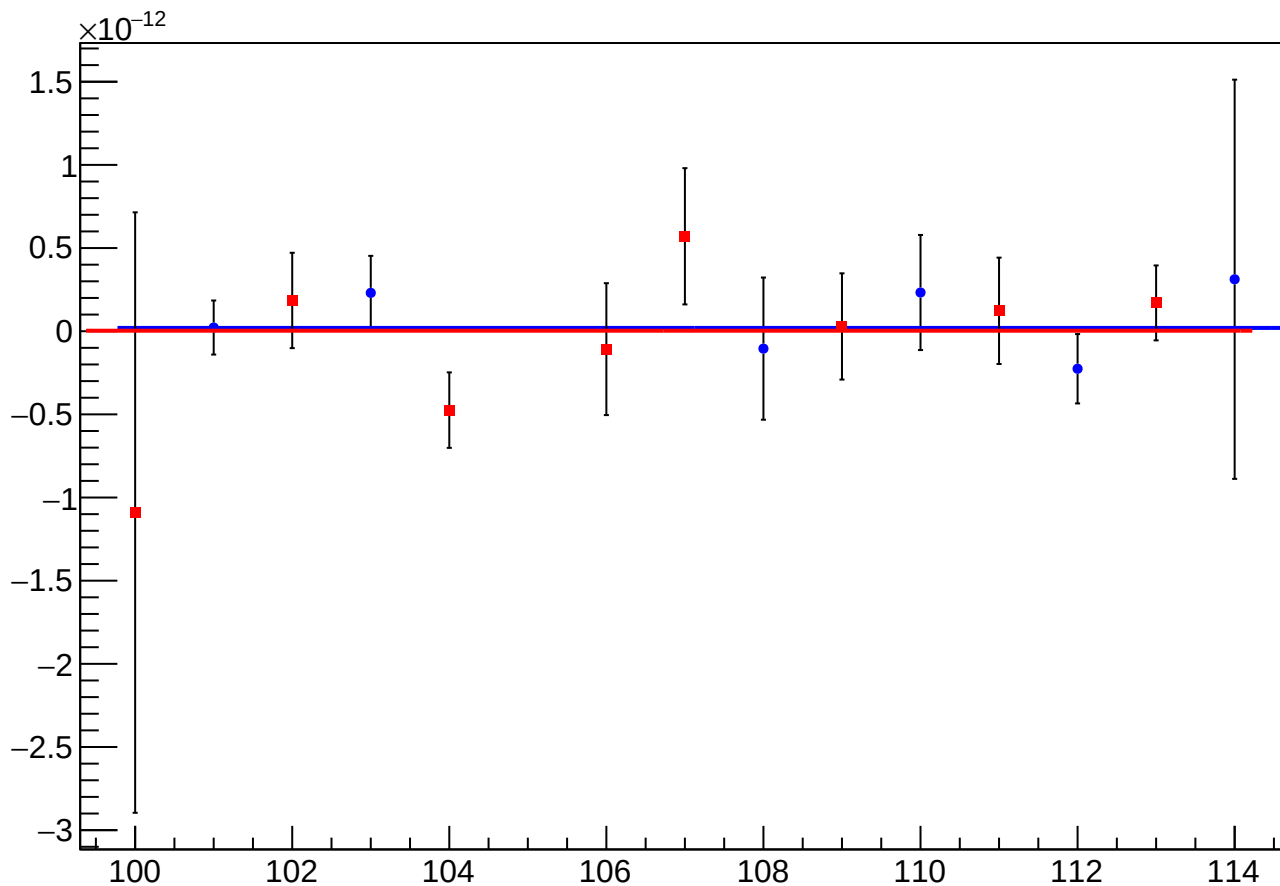
Right: 251.770 $\pm$ 0.075 χ^2 /NDF: 196982.1/13

In: 269.234 $\pm$ 0.118 χ^2 /NDF:46344.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 251.770 $\pm$ 0.075 χ^2 /NDF: 196982.1/13

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

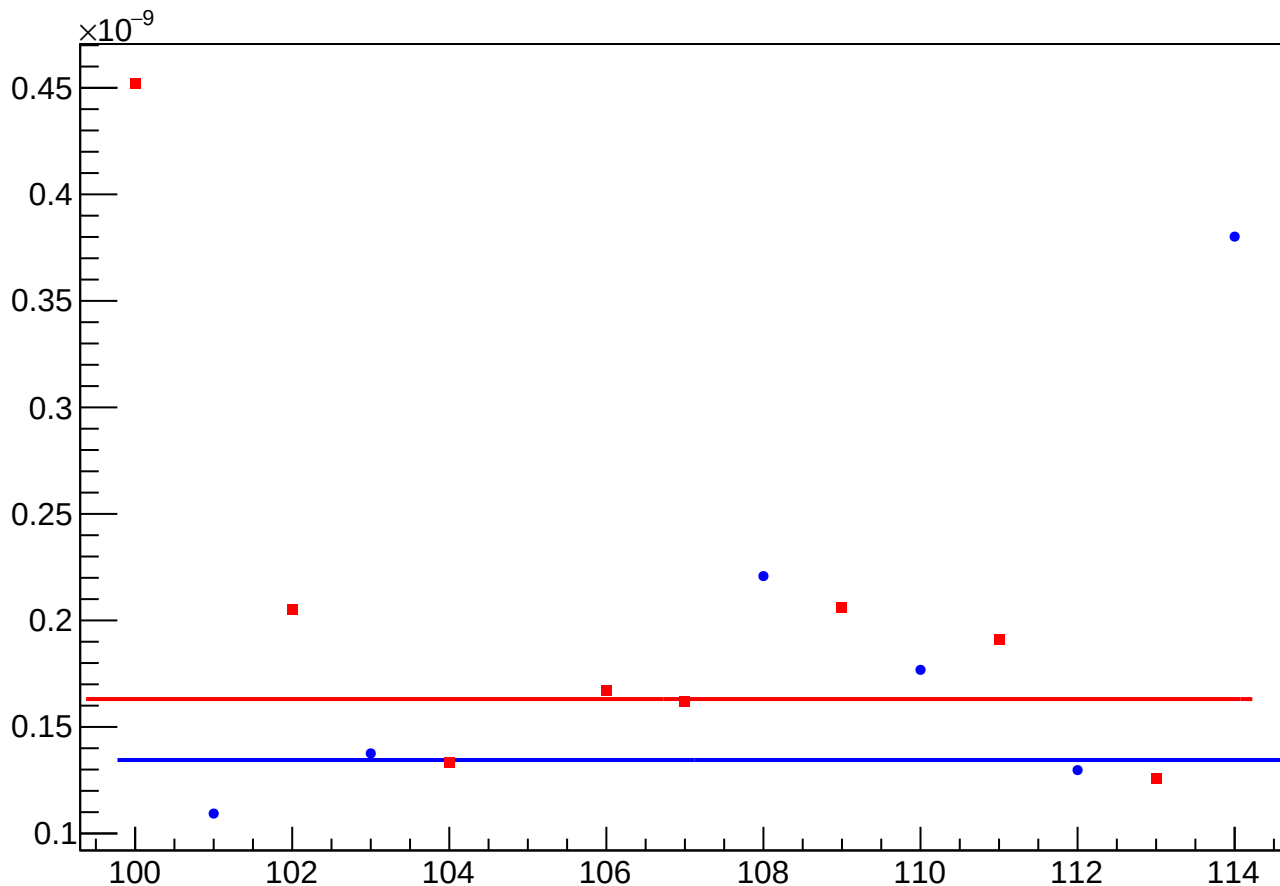
Right: 0.000+/-0.000 χ^2/NDF : 10.7/13

In: 0.000+/-0.000 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/13

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

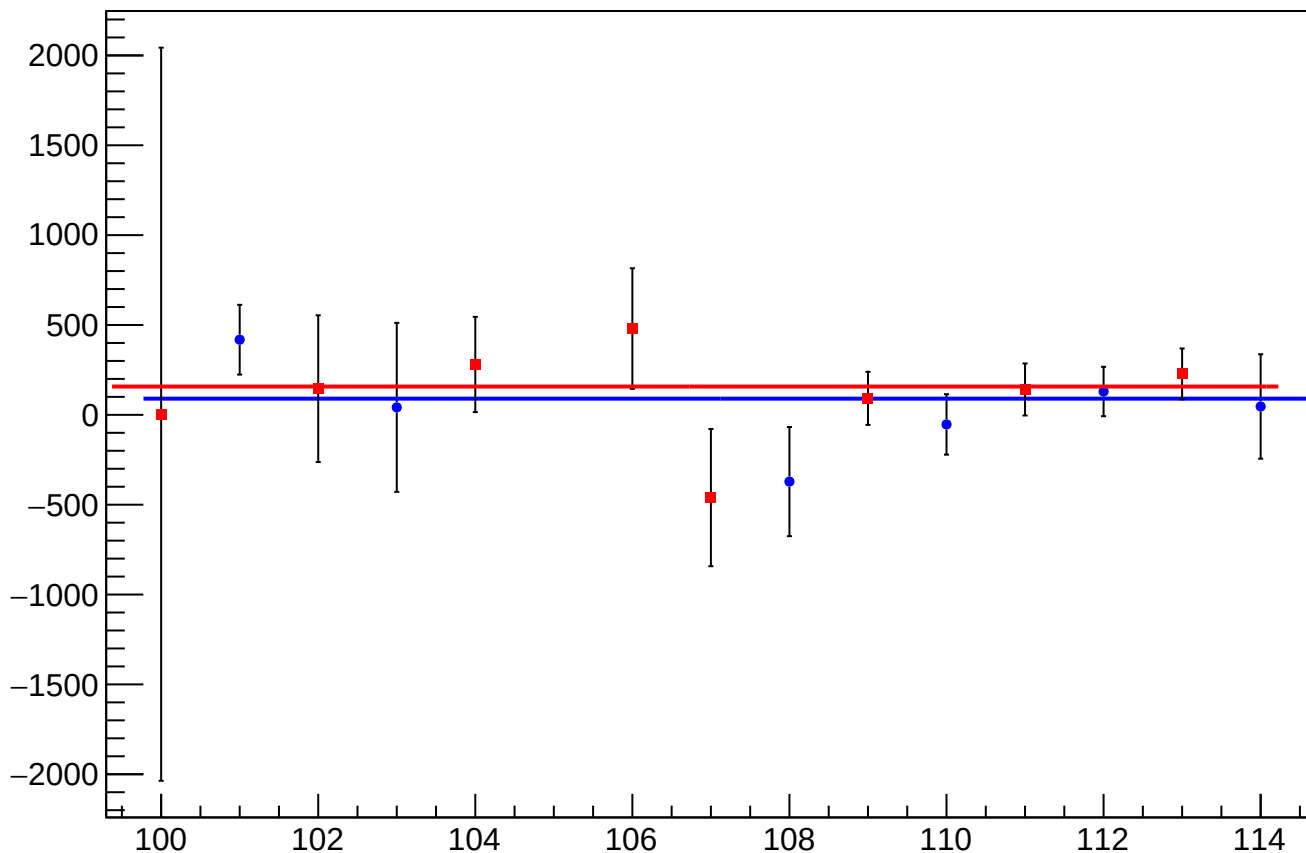
Right: 0.000+/-0.000 χ^2/NDF : 552919.6/13

In: 0.000+/-0.000 χ^2/NDF : 244591.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 552919.6/13

reg_asym_sam3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

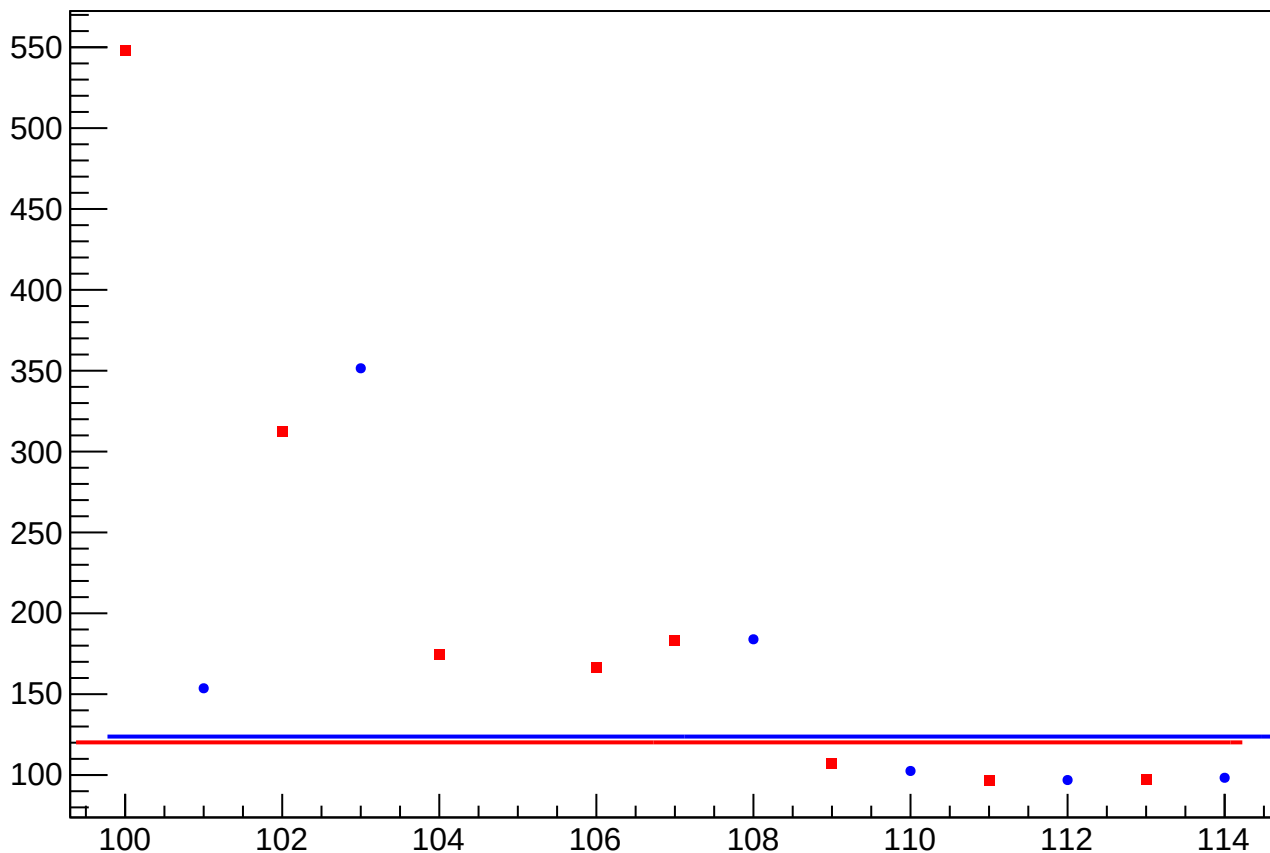
Right: 127.756+/-55.755 χ^2/NDF : 10.6/13

In: 90.120+/-83.922 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.756+/-55.755 χ^2/NDF : 10.6/13

reg_asym_sam3_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

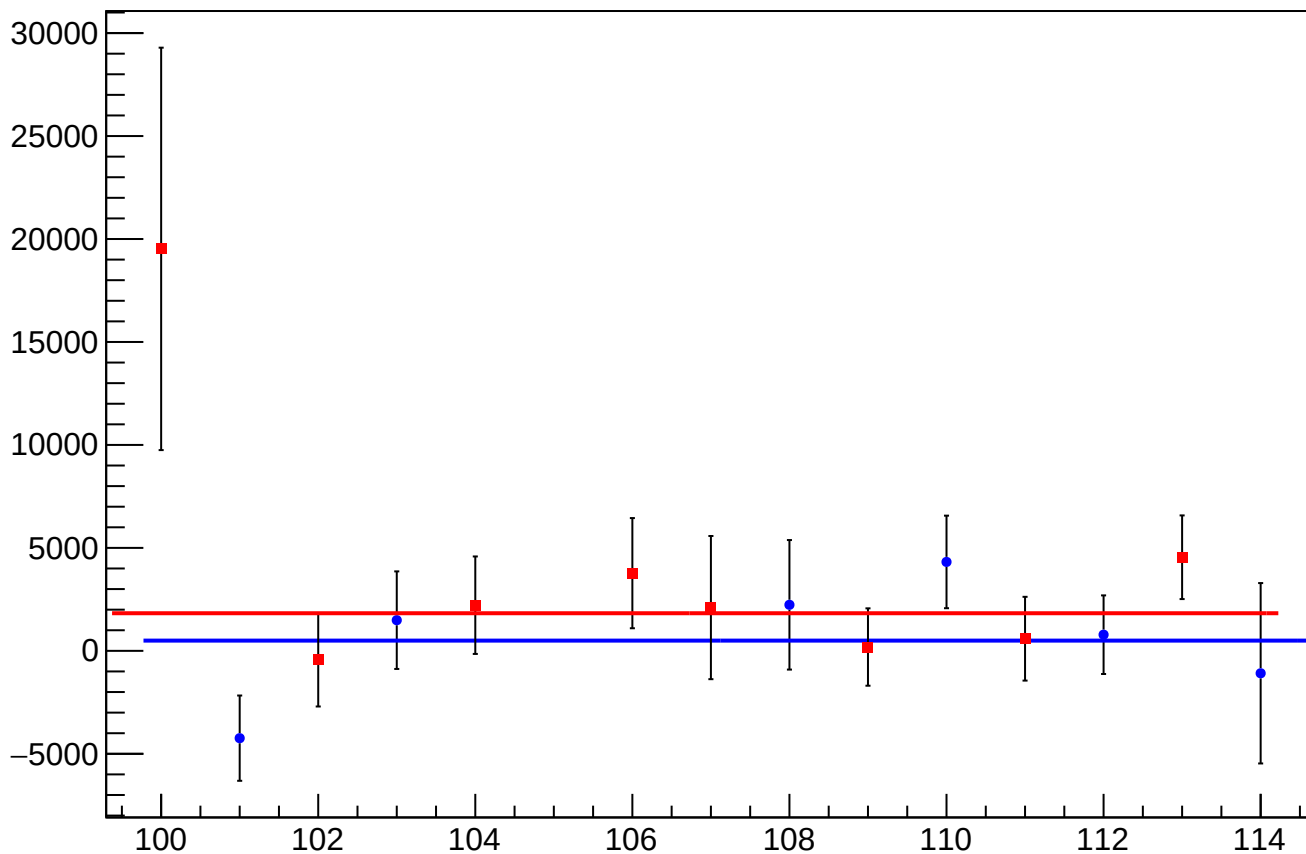
Right: 121.777 $\pm$ 0.039 χ^2 /NDF: 1549812.2/13

In: 123.784 $\pm$ 0.059 χ^2 /NDF: 718737.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.777 $\pm$ 0.039 χ^2 /NDF: 1549812.2/13

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

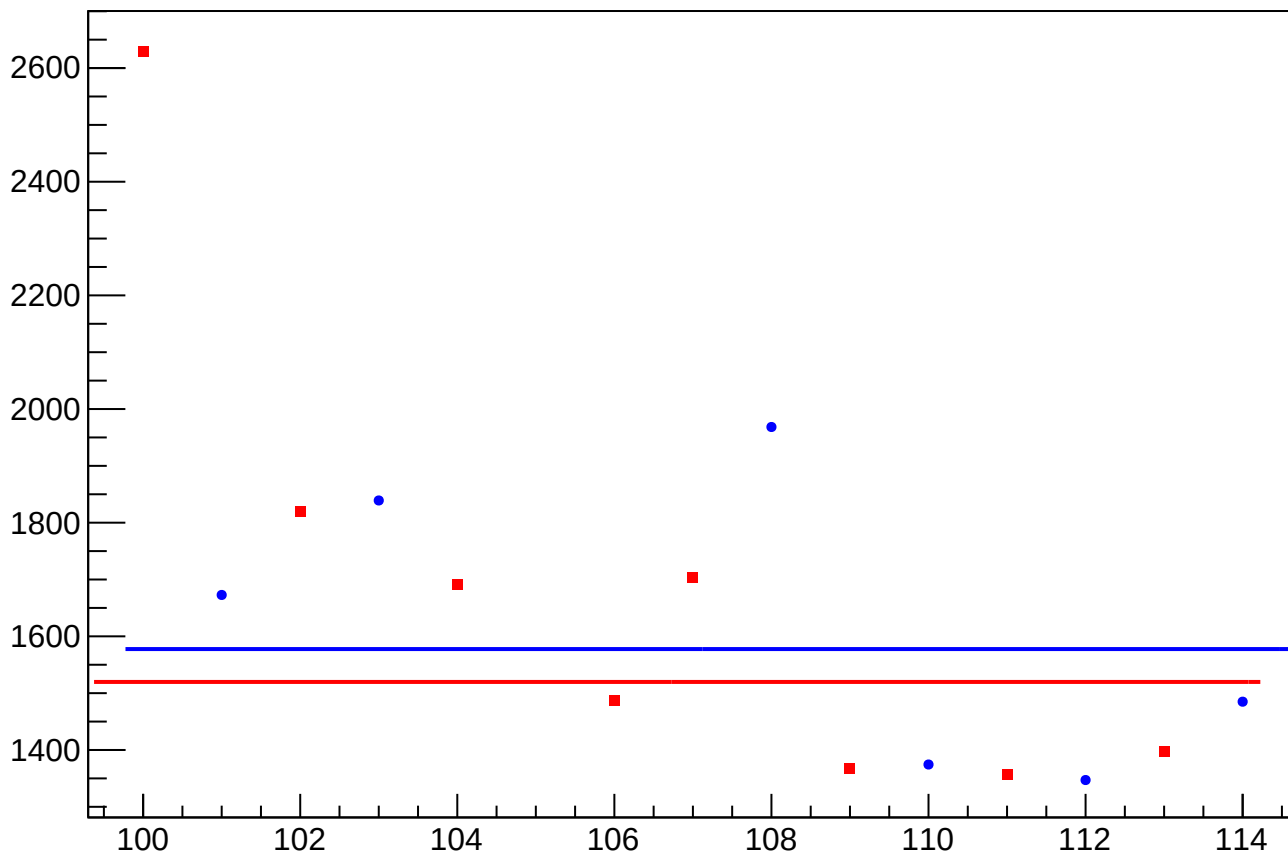
Right: 1255.033+/-643.934 χ^2/NDF : 17.6/13

In: 497.313+/-981.997 χ^2/NDF :8.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1255.033+/-643.934 χ^2/NDF : 17.6/13

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1577.604+/-0.694 χ^2/NDF : 105859.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1519.749+/-0.603 χ^2/NDF : 110229.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

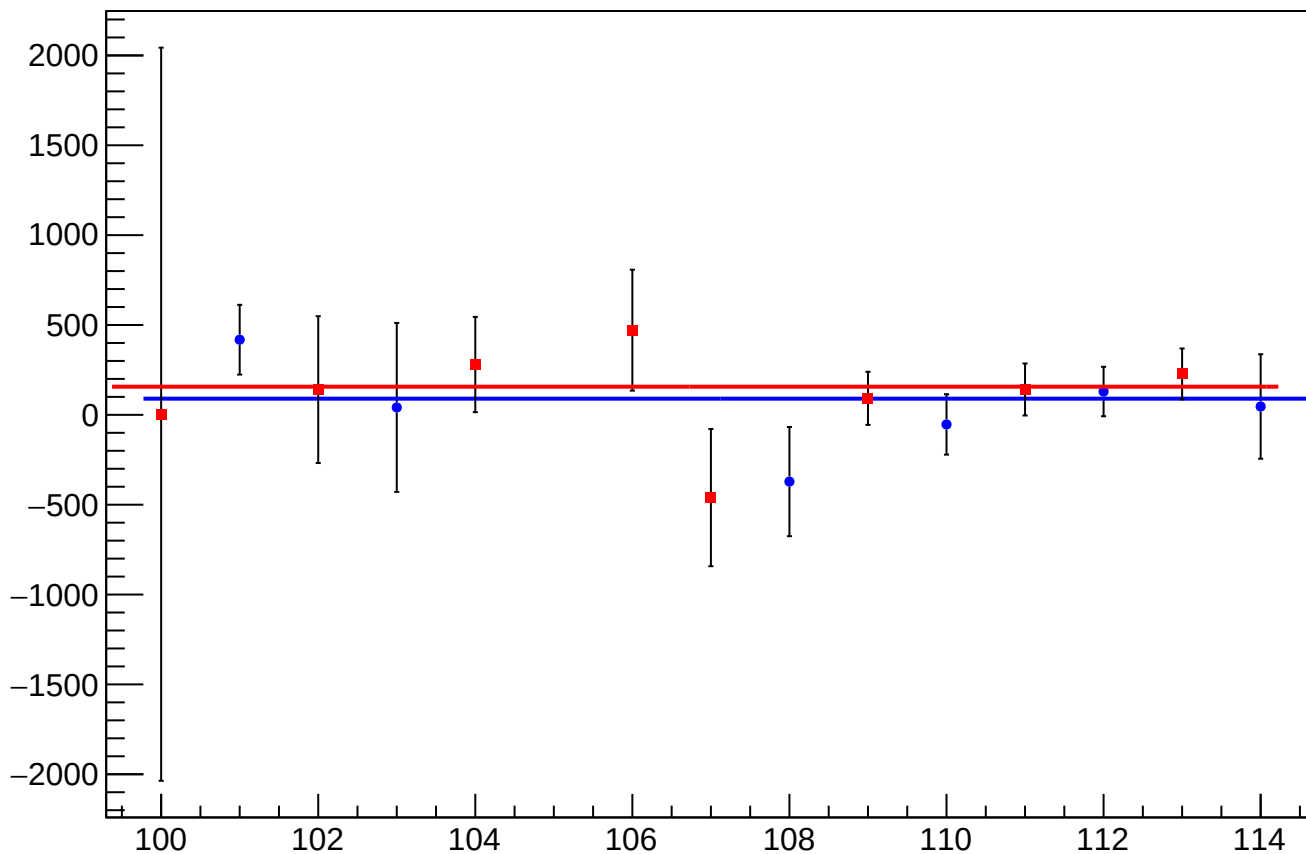
Right: 1544.626+/-0.455 χ^2/NDF : 220045.7/13

In: 1577.604+/-0.694 χ^2/NDF : 105859.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.626+/-0.455 χ^2/NDF : 220045.7/13

cor_asym_sam3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

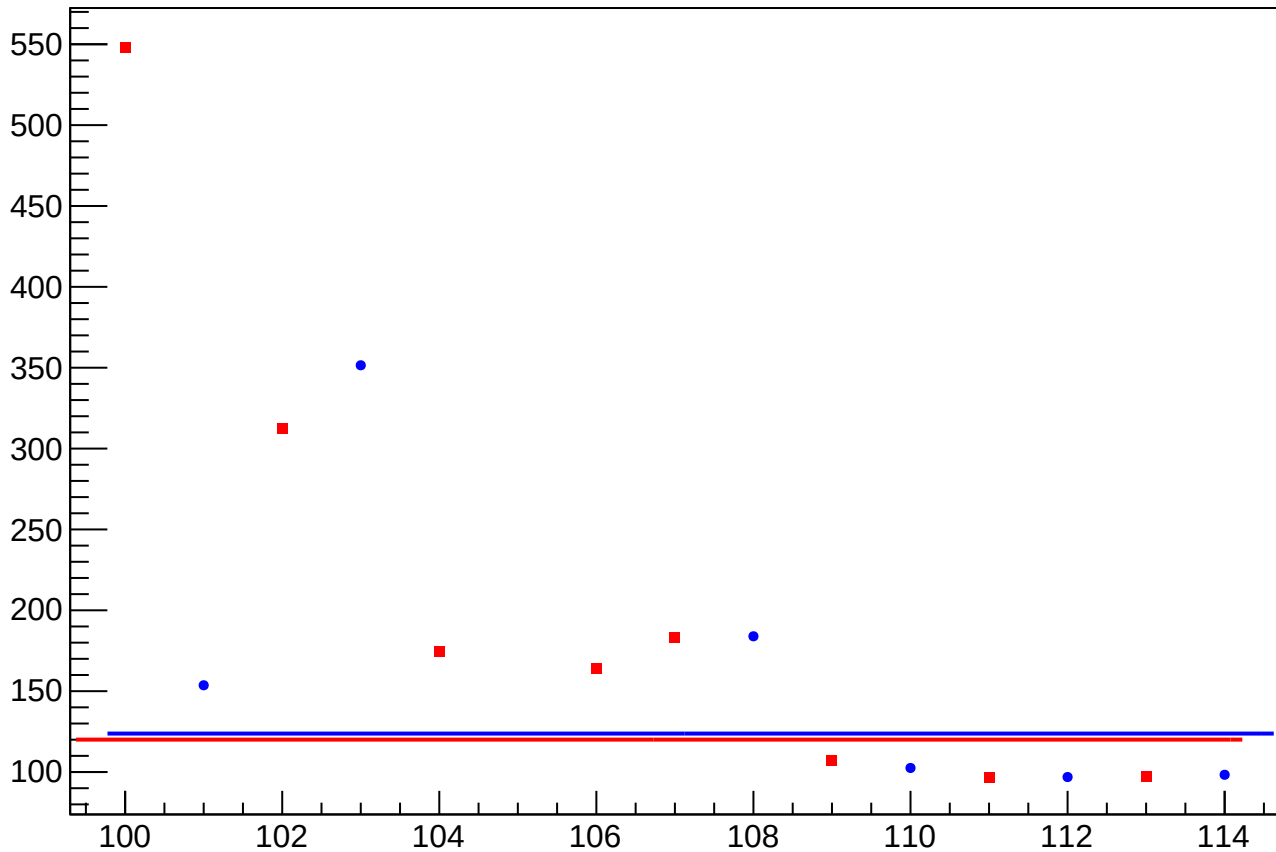
Right: 127.329+/-55.760 χ^2/NDF : 10.5/13

In: 90.089+/-83.922 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.329+/-55.760 χ^2/NDF : 10.5/13

cor_asym_sam3_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

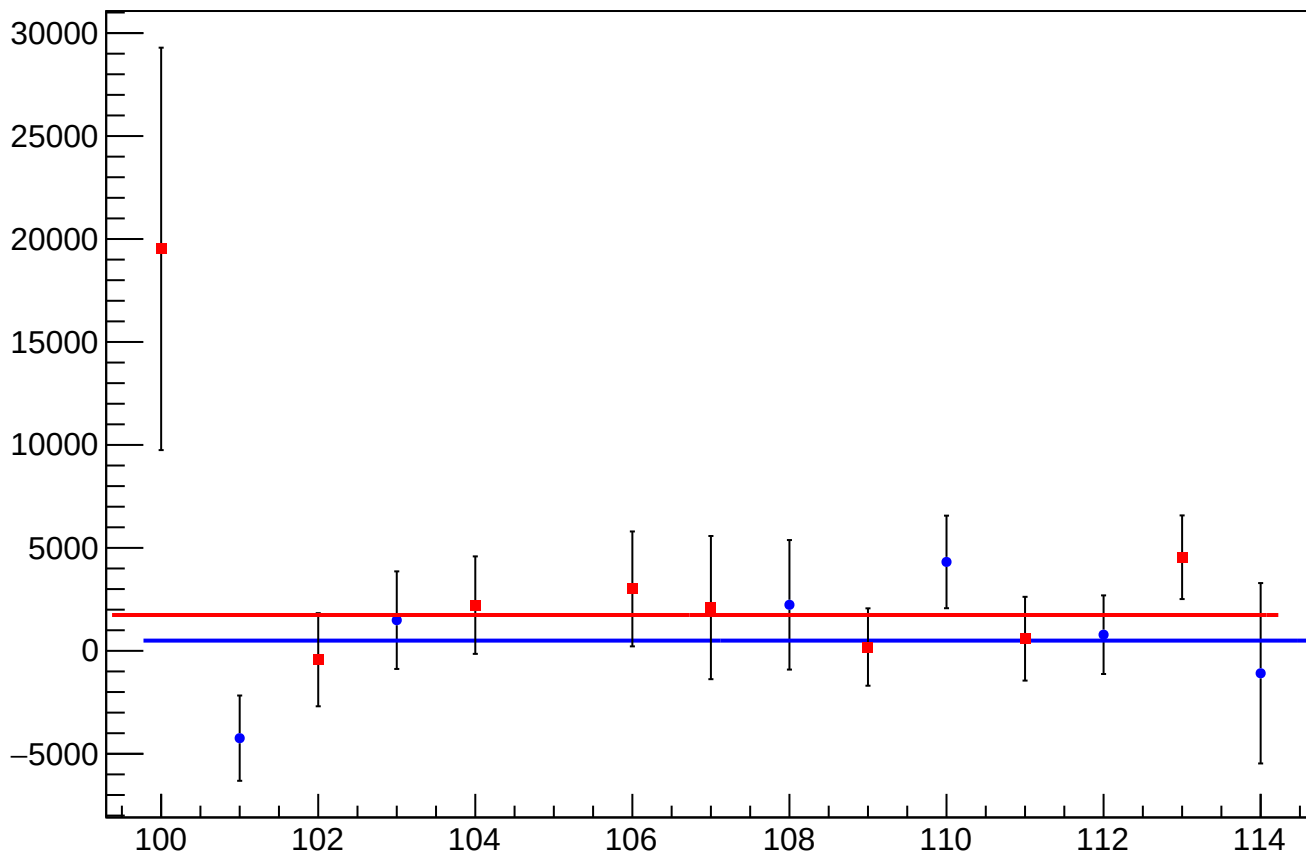
Right: 121.701+/-0.039 χ^2/NDF : 1545984.2/13

In: 123.783+/-0.059 χ^2/NDF : 718739.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.701+/-0.039 χ^2/NDF : 1545984.2/13

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

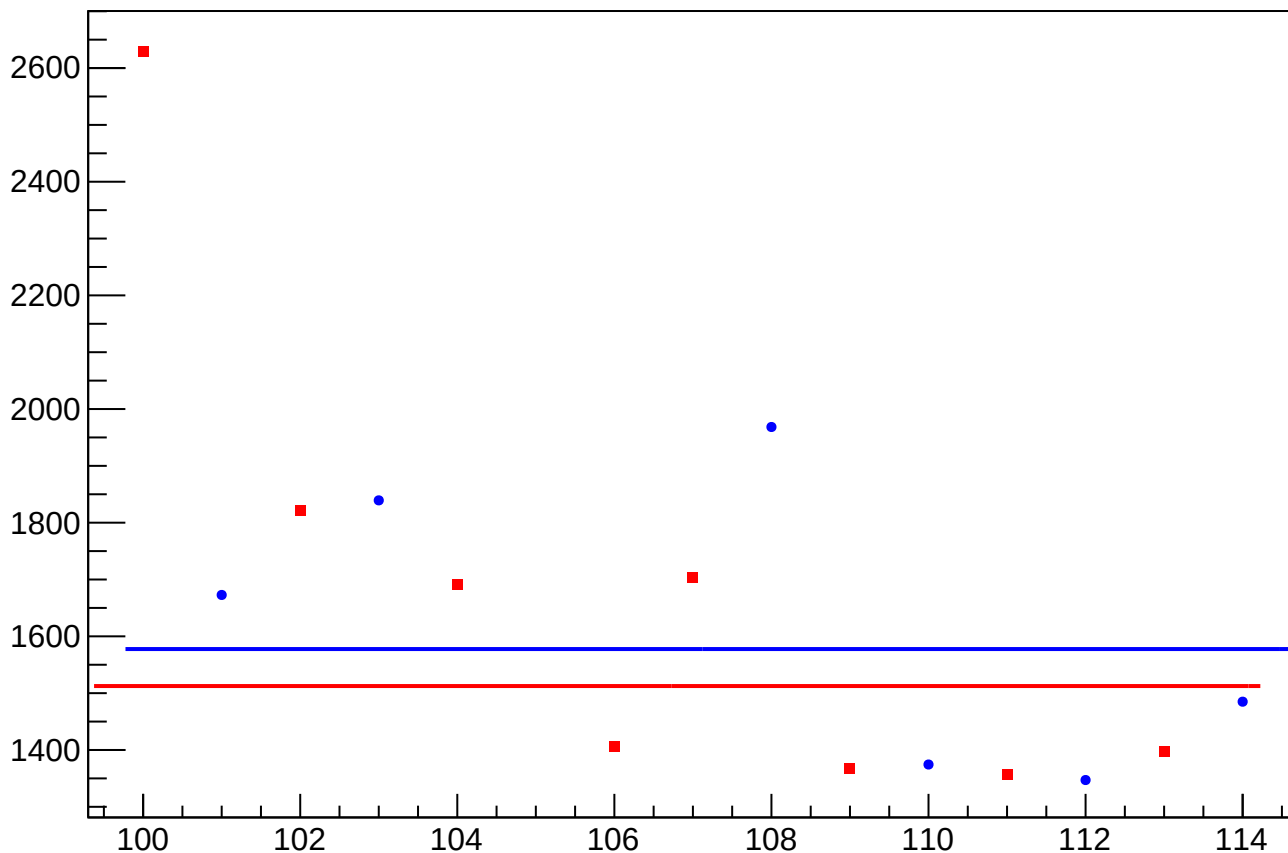
Right: 1203.751+/-645.500 χ^2/NDF : 17.1/13

In: 497.390+/-982.016 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.751+/-645.500 χ^2/NDF : 17.1/13

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1577.627+/-0.694 χ^2/NDF : 105890.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.519+/-0.606 χ^2/NDF : 113391.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

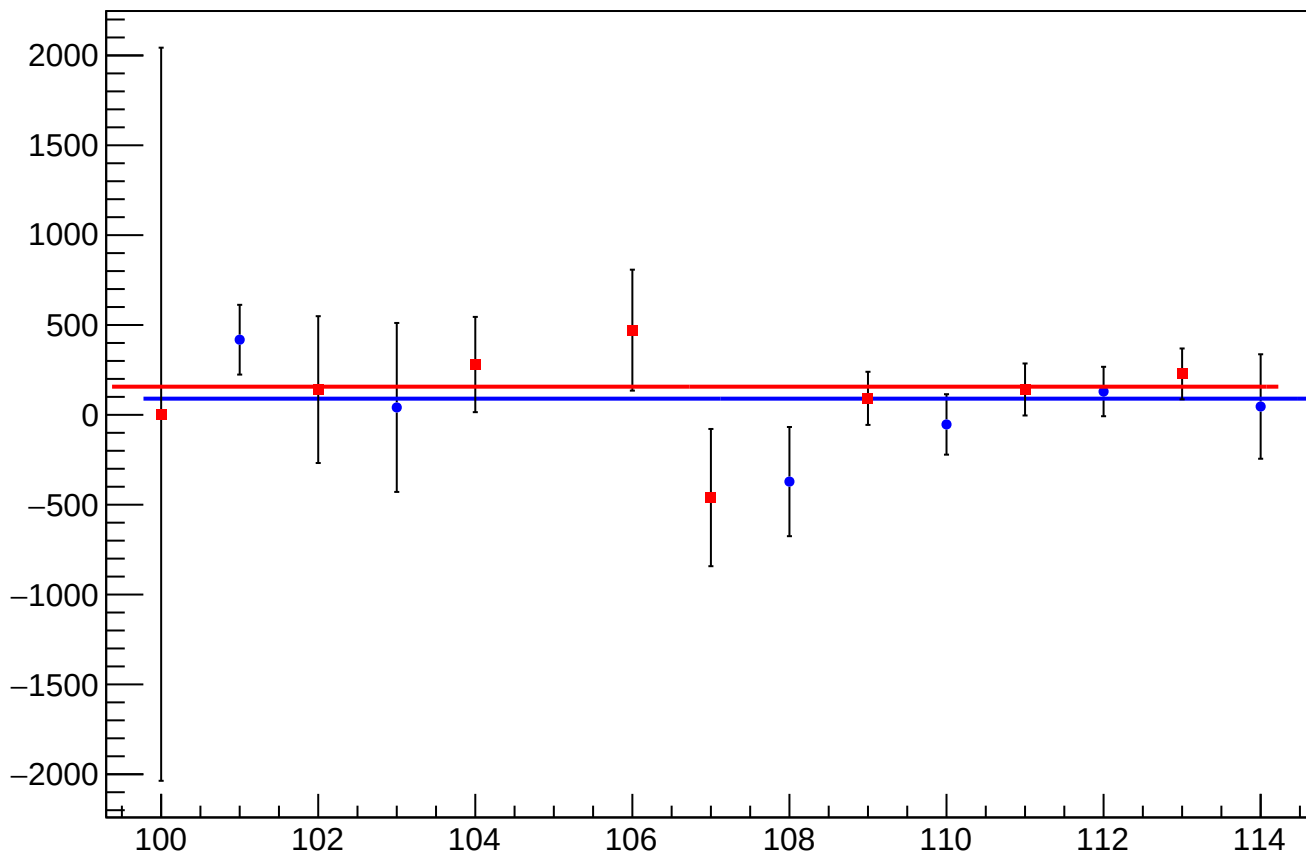
Right: 1540.650+/-0.456 χ^2/NDF : 224275.0/13

In: 1577.627+/-0.694 χ^2/NDF : 105890.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.650+/-0.456 χ^2/NDF : 224275.0/13

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

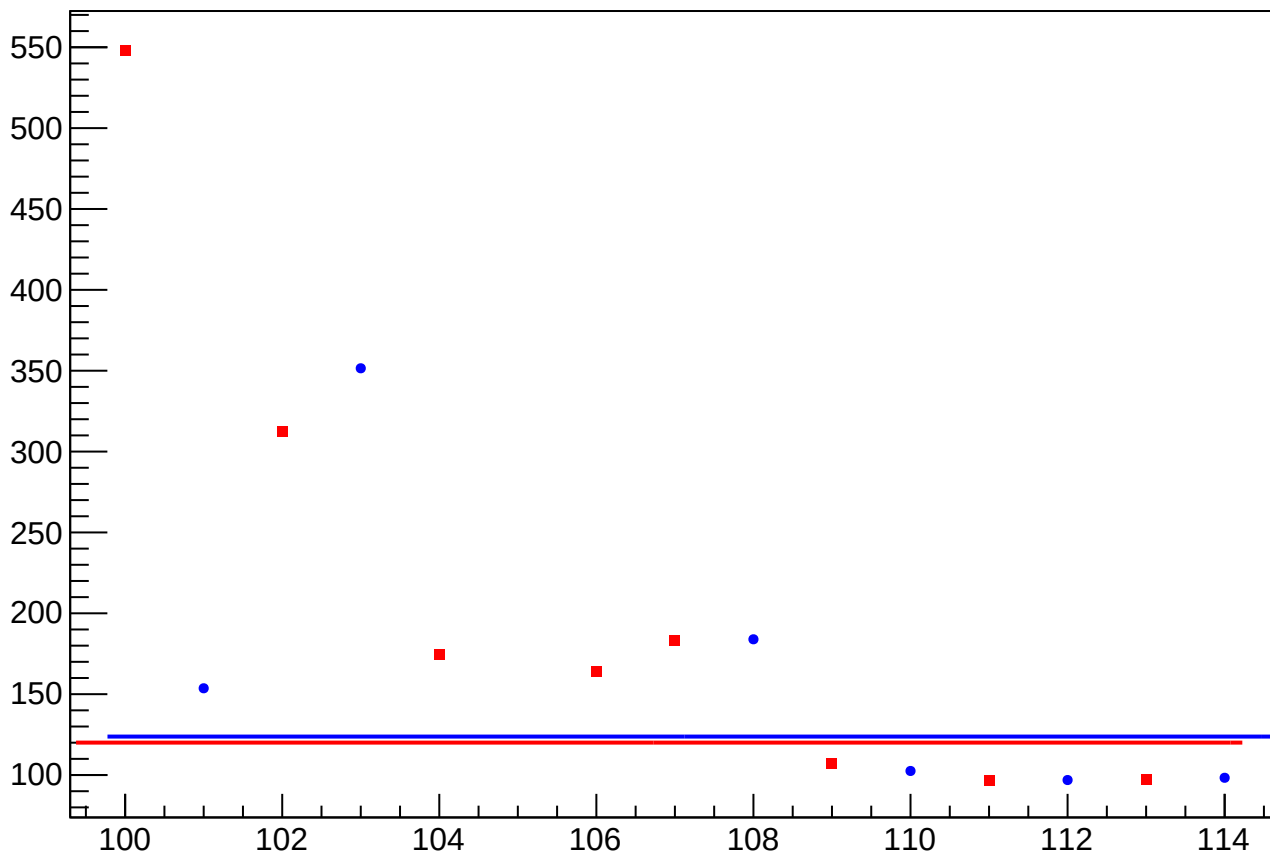
Right: 127.329+/-55.760 χ^2/NDF : 10.5/13

In: 90.089+/-83.922 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.329+/-55.760 χ^2/NDF : 10.5/13

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

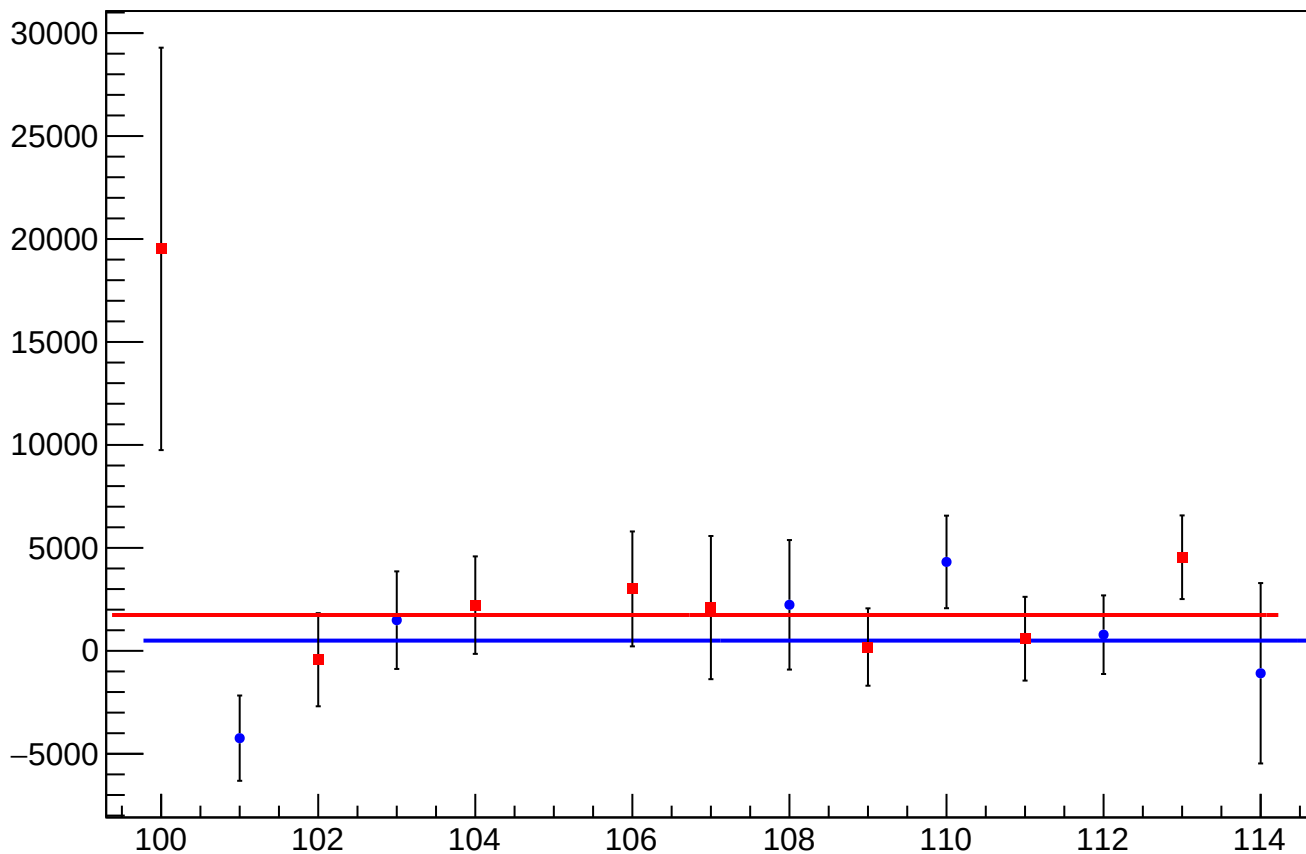
Right: 121.701+/-0.039 χ^2/NDF : 1545984.2/13

In: 123.783+/-0.059 χ^2/NDF : 718739.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.701+/-0.039 χ^2/NDF : 1545984.2/13

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

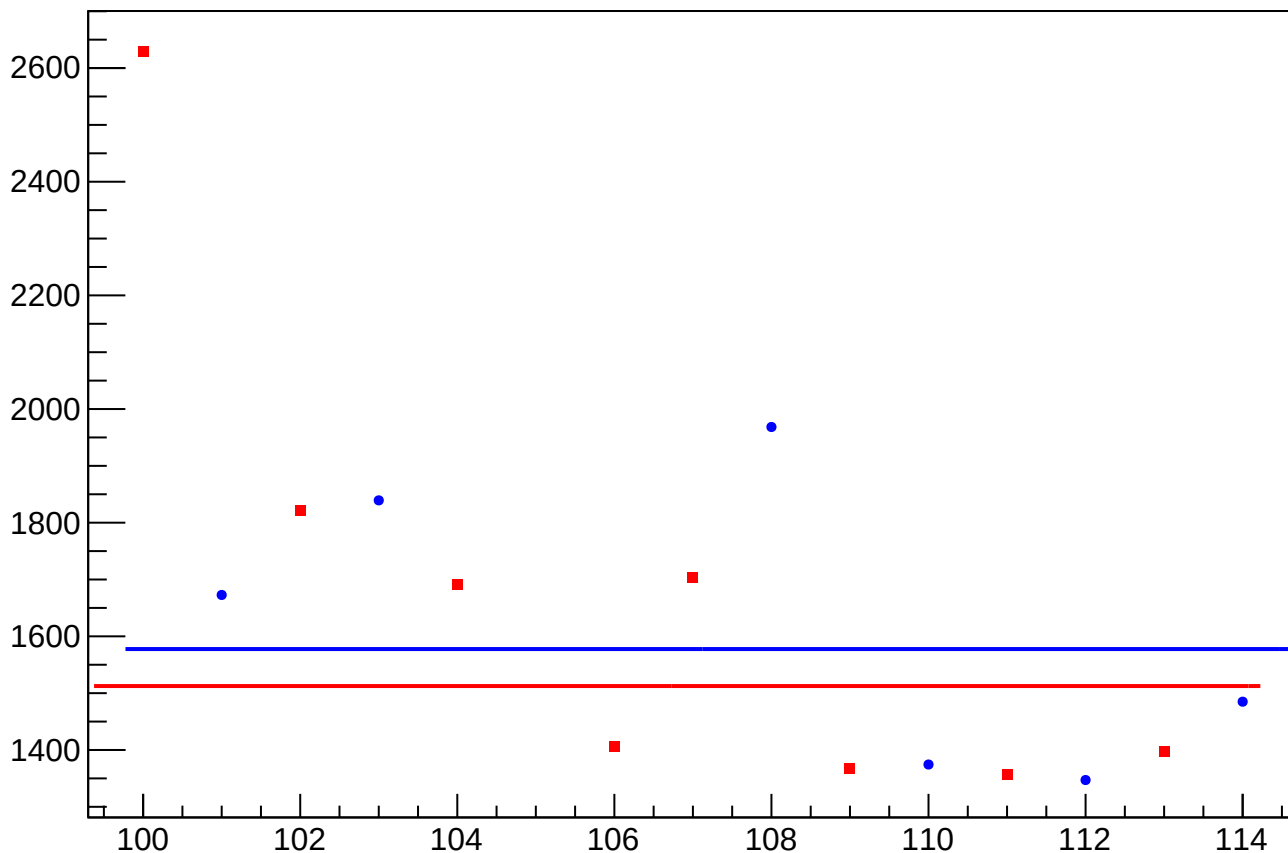
Right: 1203.751+/-645.500 χ^2/NDF : 17.1/13

In: 497.390+/-982.016 χ^2/NDF :8.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1203.751+/-645.500 χ^2/NDF : 17.1/13

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1577.627+/-0.694 χ^2/NDF : 105890.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.519+/-0.606 χ^2/NDF : 113391.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

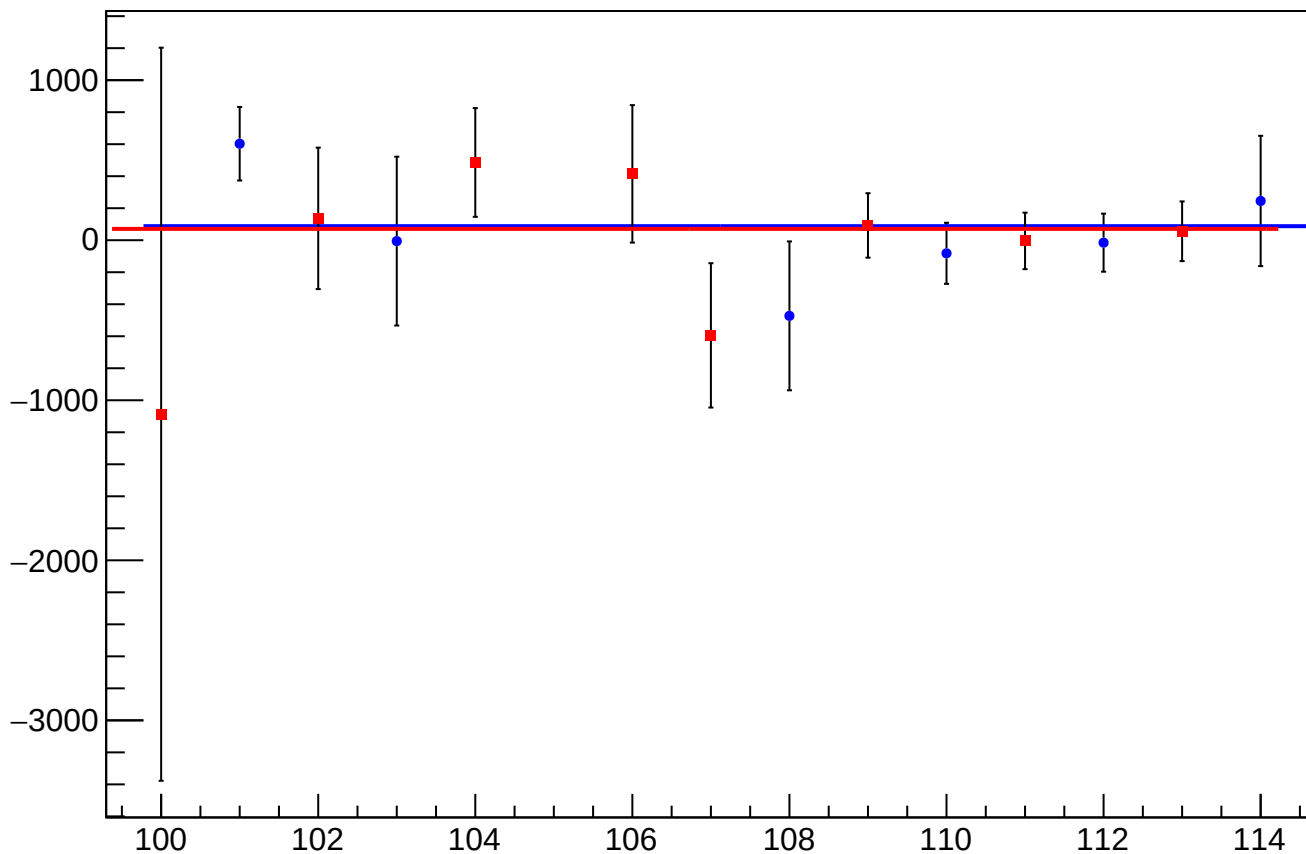
Right: 1540.650+/-0.456 χ^2/NDF : 224275.0/13

In: 1577.627+/-0.694 χ^2/NDF : 105890.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.650+/-0.456 χ^2/NDF : 224275.0/13

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 87.714+/-104.779 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.769+/-95.451 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

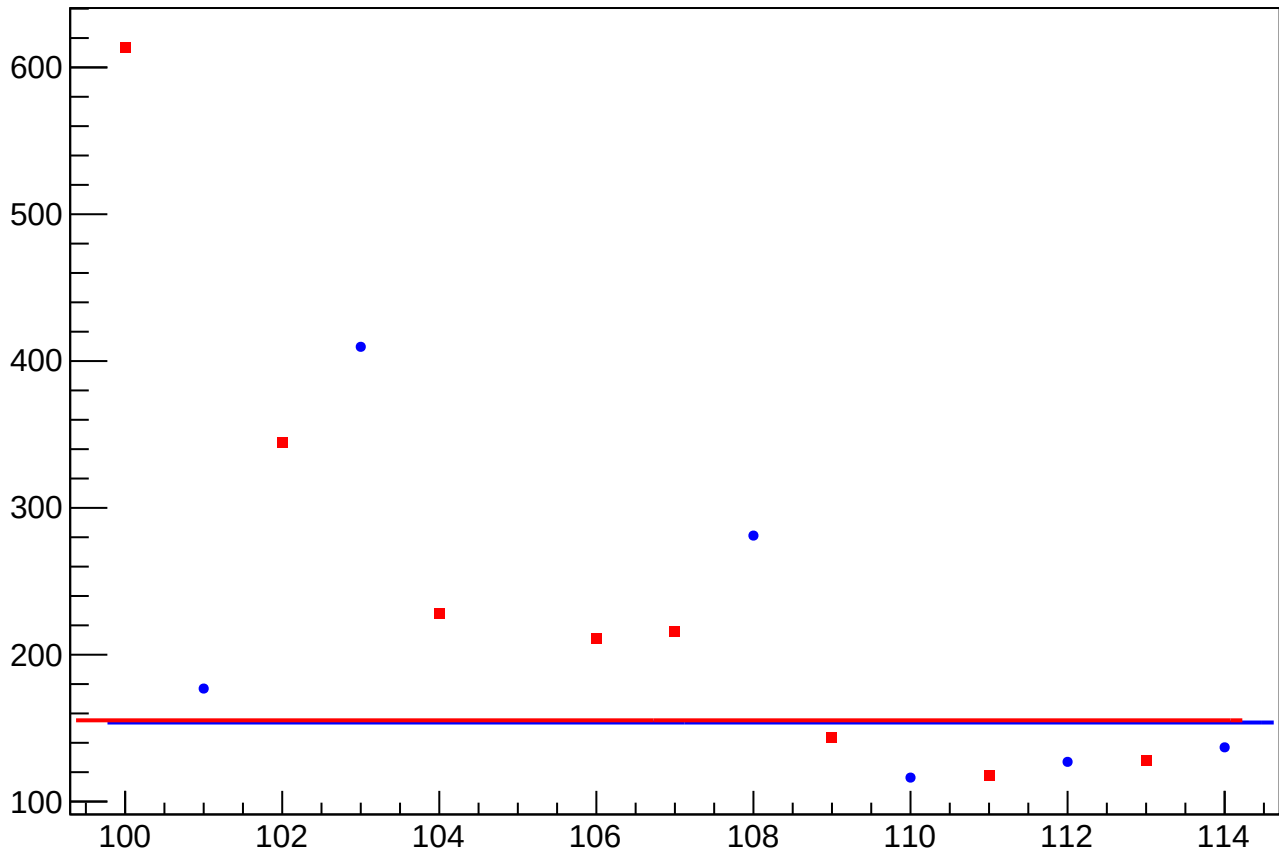
Right: 78.453+/-70.562 χ^2/NDF : 12.6/13

In: 87.714+/-104.779 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.453+/-70.562 χ^2/NDF : 12.6/13

dit_asym_sam3_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

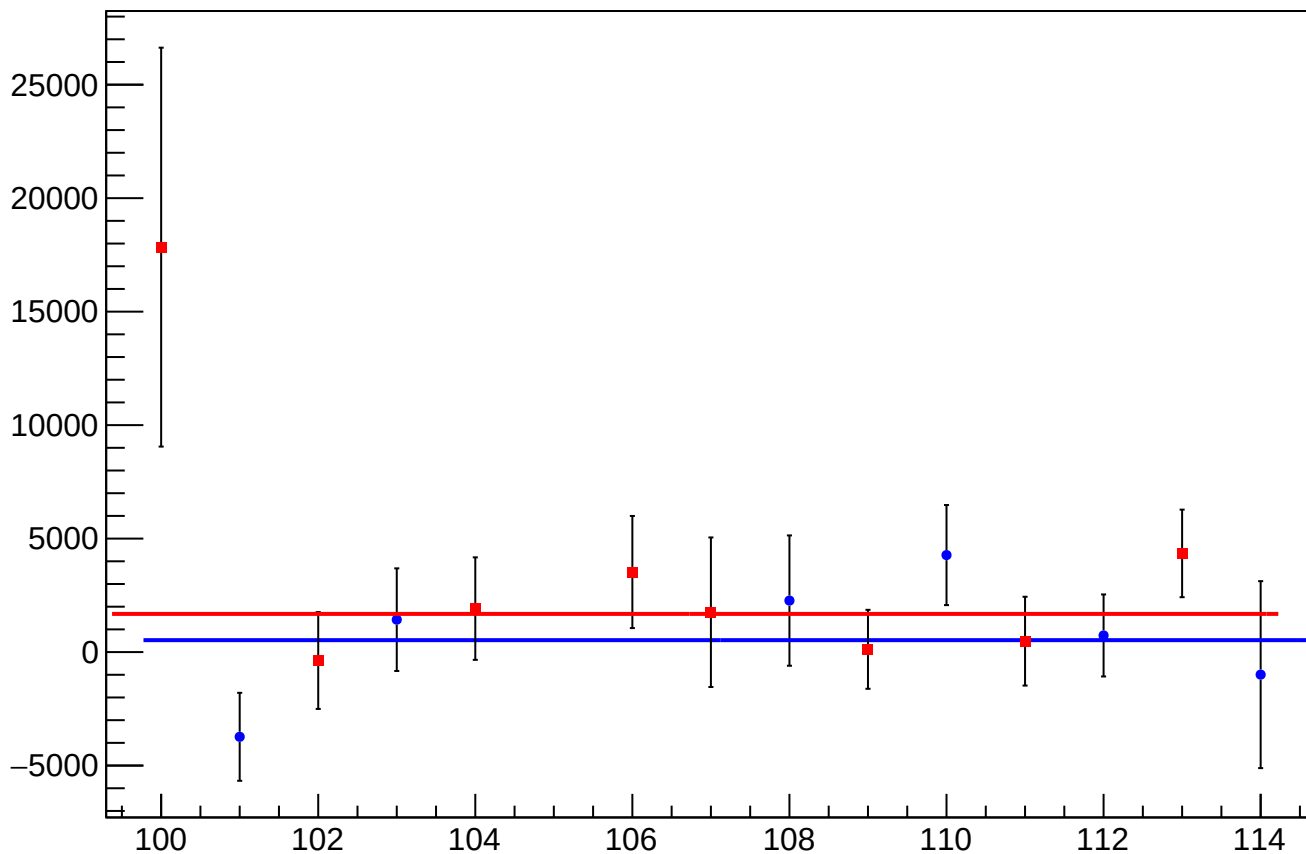
Right: 154.635+/-0.050 χ^2/NDF : 1515708.3/13

In: 153.819+/-0.074 χ^2/NDF : 765369.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.635+/-0.050 χ^2/NDF : 1515708.3/13

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 525.013+/-930.874 χ^2/NDF : 8.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1682.131+/-804.495 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

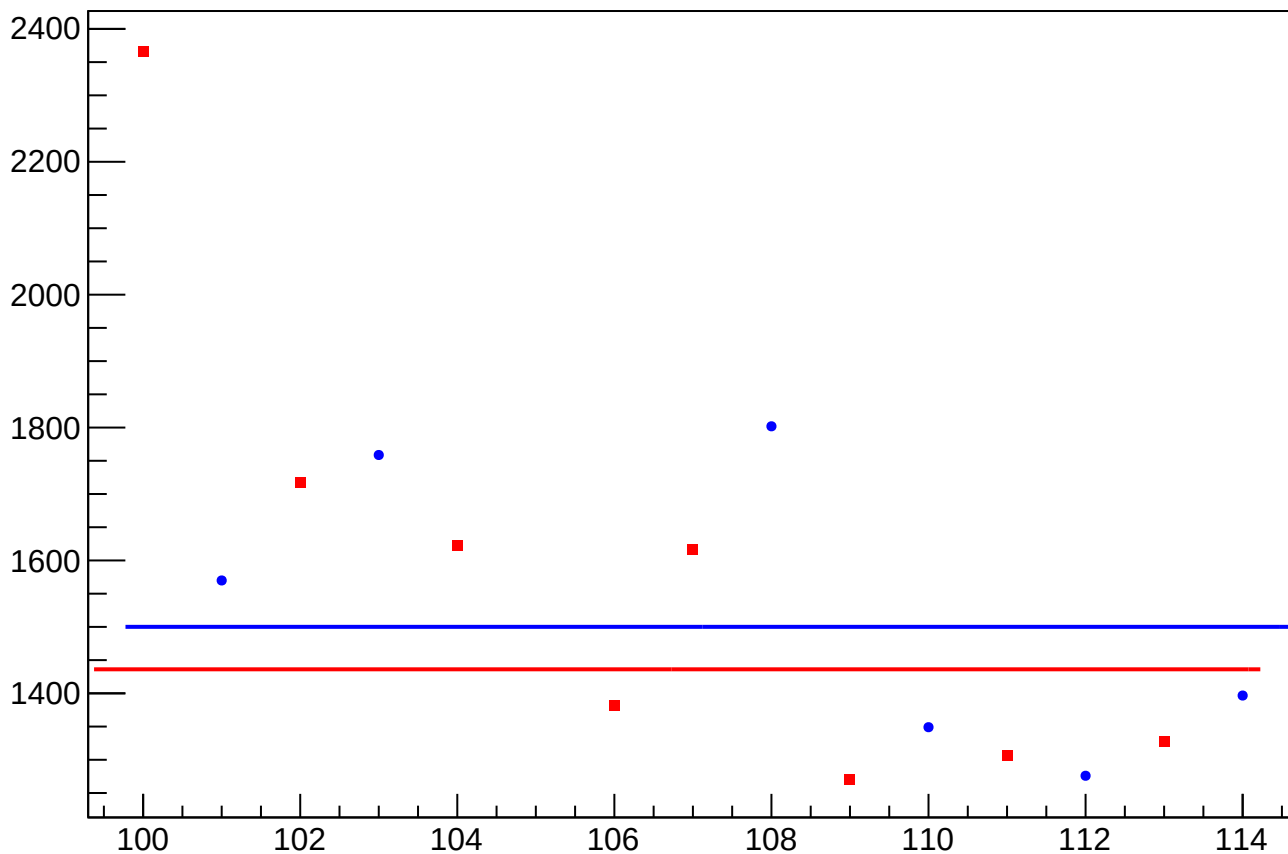
Right: 1187.395+/-608.680 χ^2/NDF : 17.2/13

In: 525.013+/-930.874 χ^2/NDF : 8.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1187.395+/-608.680 χ^2/NDF : 17.2/13

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1500.086+/-0.658 χ^2/NDF : 92289.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1436.158+/-0.569 χ^2/NDF : 111215.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

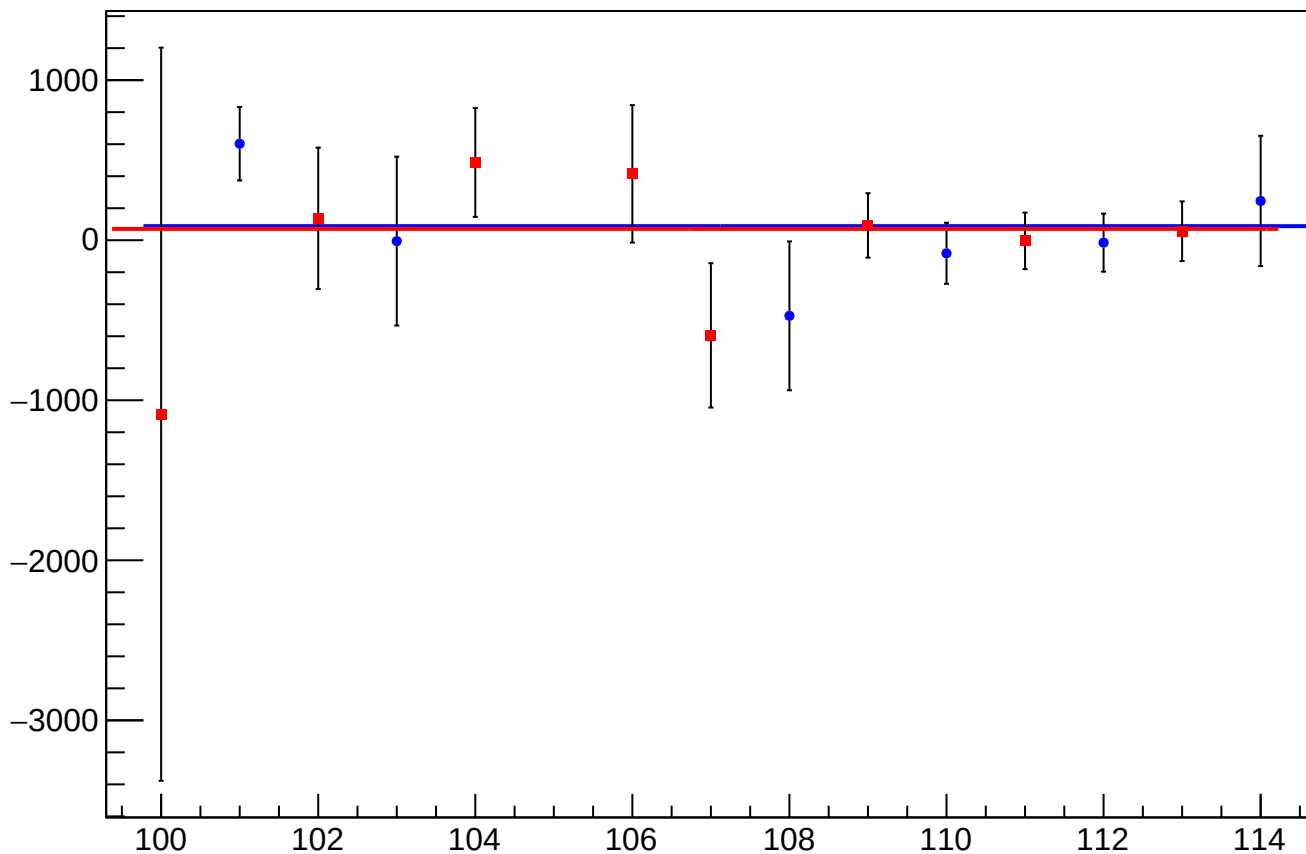
Right: 1463.491+/-0.430 χ^2/NDF : 208904.4/13

In: 1500.086+/-0.658 χ^2/NDF : 92289.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1463.491+/-0.430 χ^2/NDF : 208904.4/13

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 87.714+/-104.780 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.767+/-95.452 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

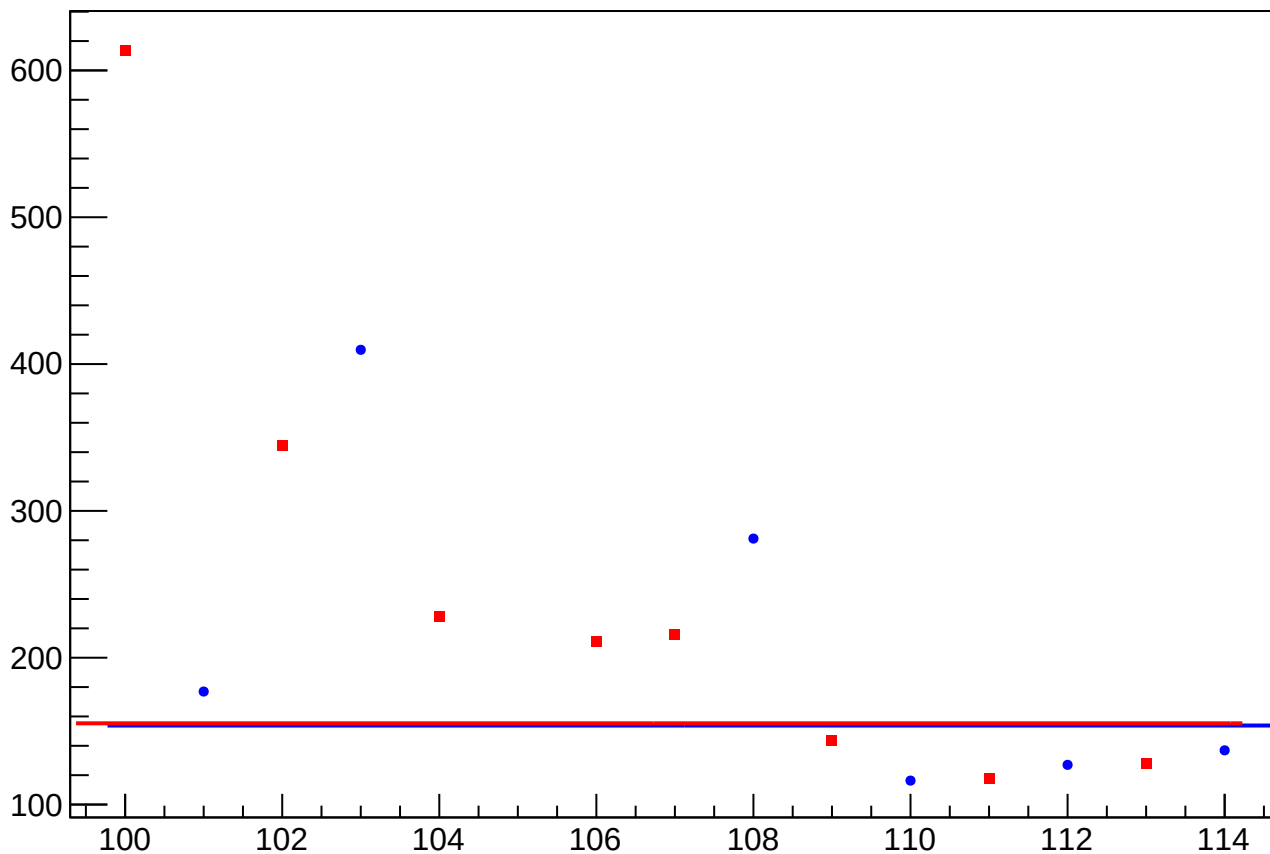
Right: 78.453+/-70.562 χ^2/NDF : 12.6/13

In: 87.714+/-104.780 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.453+/-70.562 χ^2/NDF : 12.6/13

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

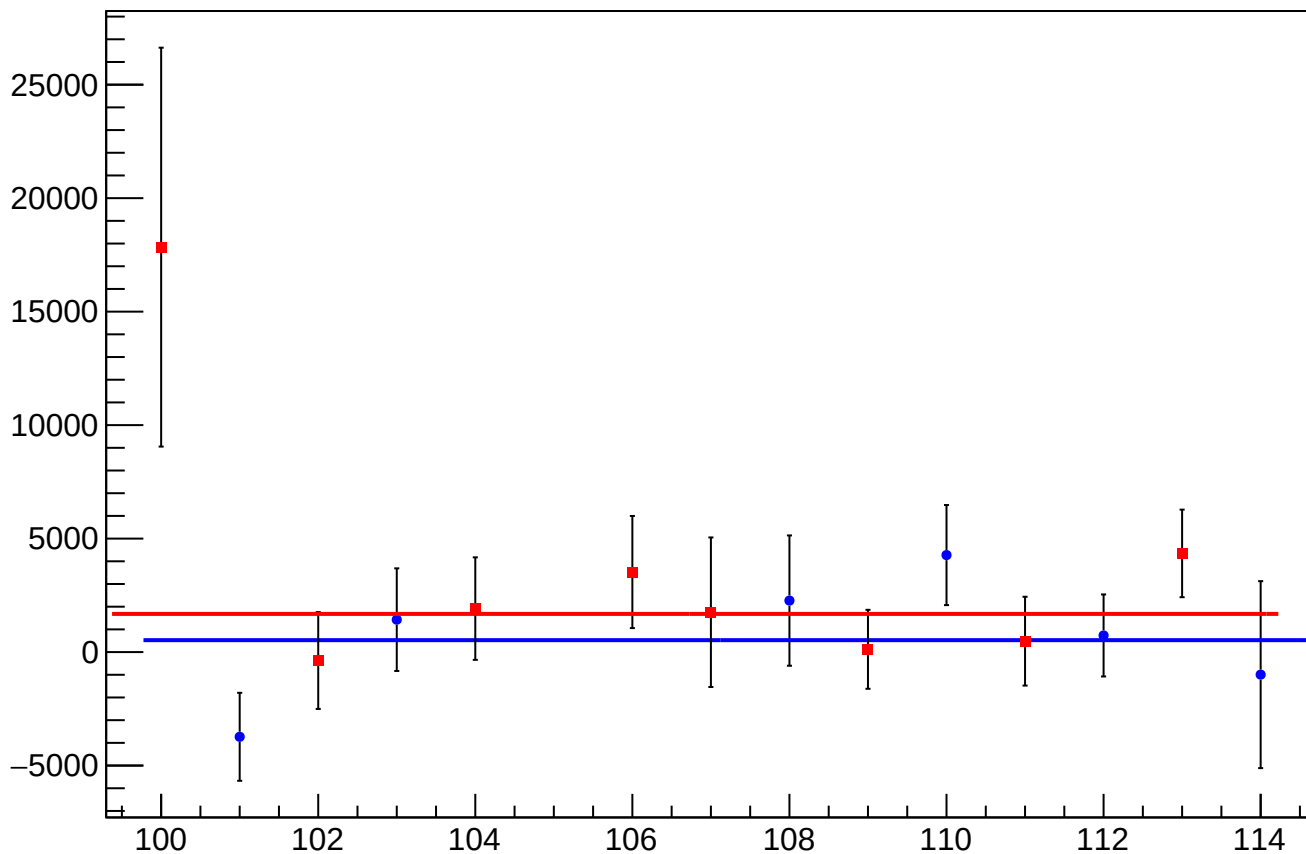
Right: 154.636+/-0.050 χ^2/NDF : 1515716.7/13

In: 153.820+/-0.074 χ^2/NDF :765371.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 154.636+/-0.050 χ^2/NDF : 1515716.7/13

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 525.010+/-930.872 χ^2/NDF : 8.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1682.127+/-804.494 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

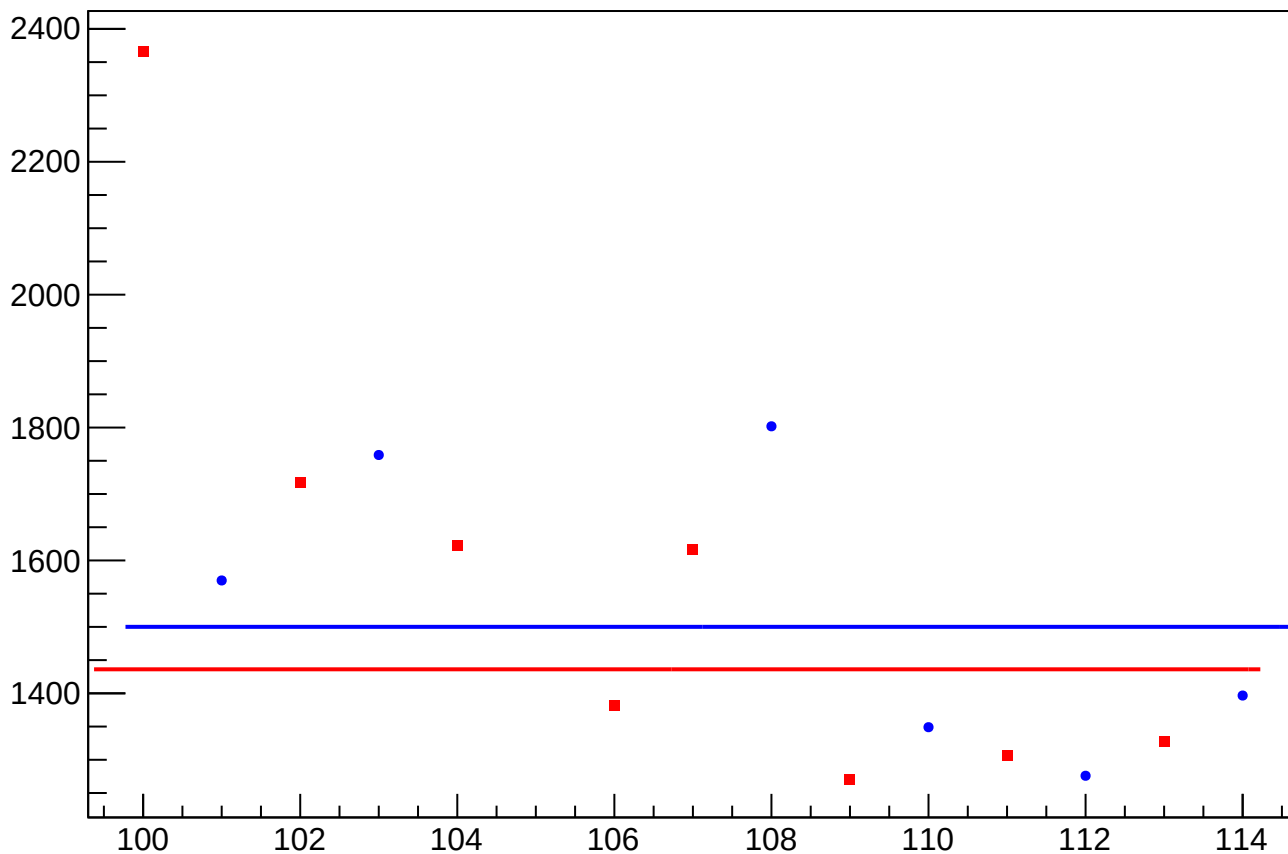
Right: 1187.391+/-608.679 χ^2/NDF : 17.2/13

In: 525.010+/-930.872 χ^2/NDF :8.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1187.391+/-608.679 χ^2/NDF : 17.2/13

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

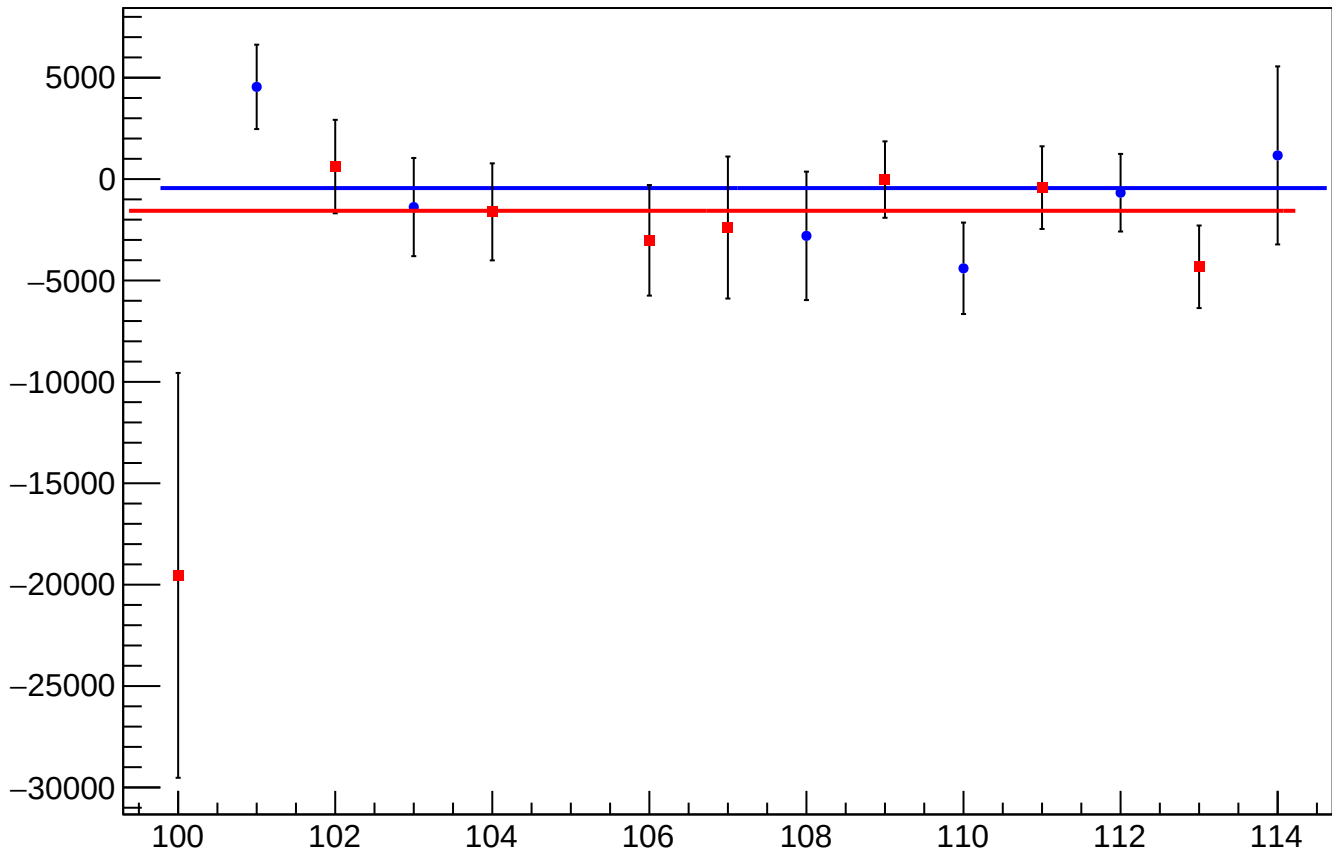
Right: 1463.488+/-0.430 χ^2/NDF : 208900.5/13

In: 1500.082+/-0.658 χ^2/NDF : 92287.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1463.488+/-0.430 χ^2/NDF : 208900.5/13

asym_sam3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

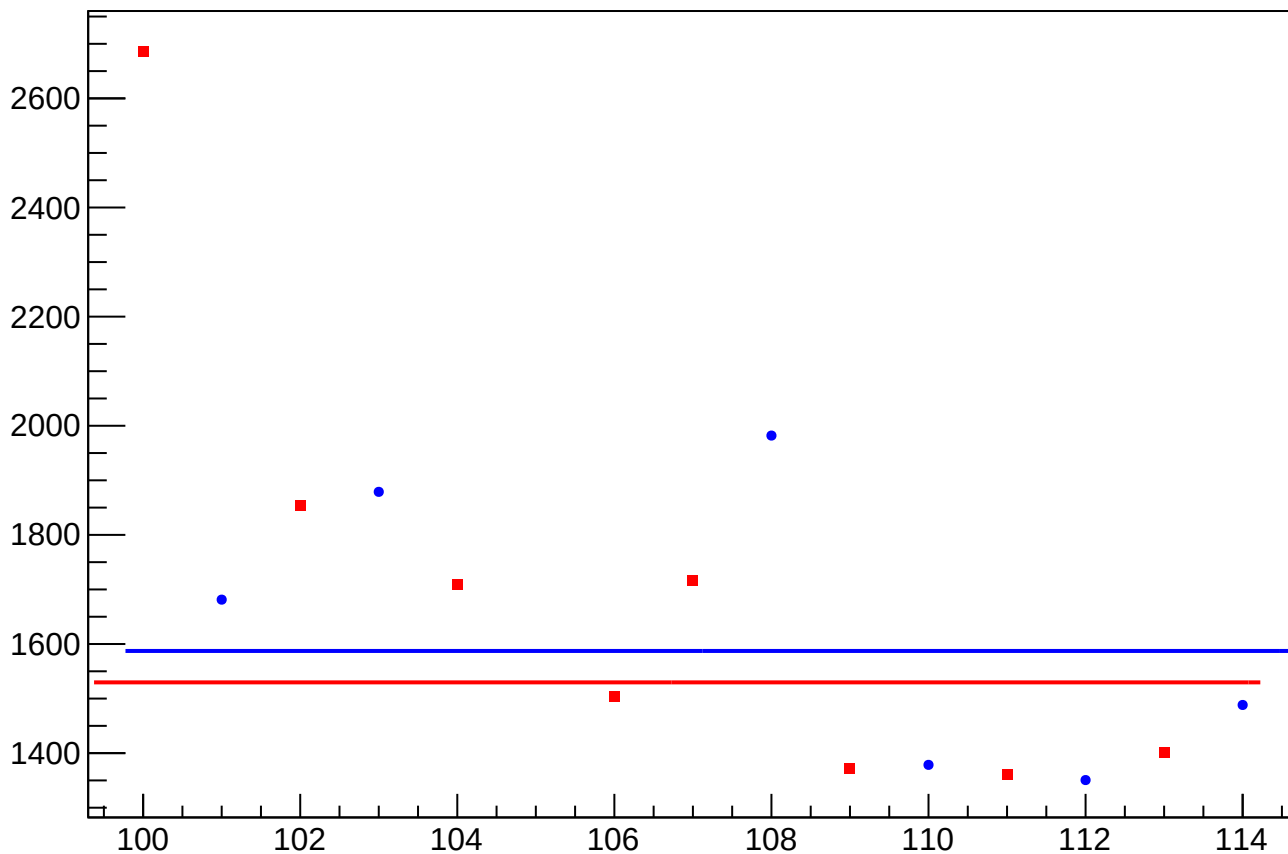
Right: -1080.781+/-648.861 χ^2/NDF : 17.7/13

In: -443.000+/-988.759 χ^2/NDF : 9.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1080.781+/-648.861 χ^2/NDF : 17.7/13

asym_sam3_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

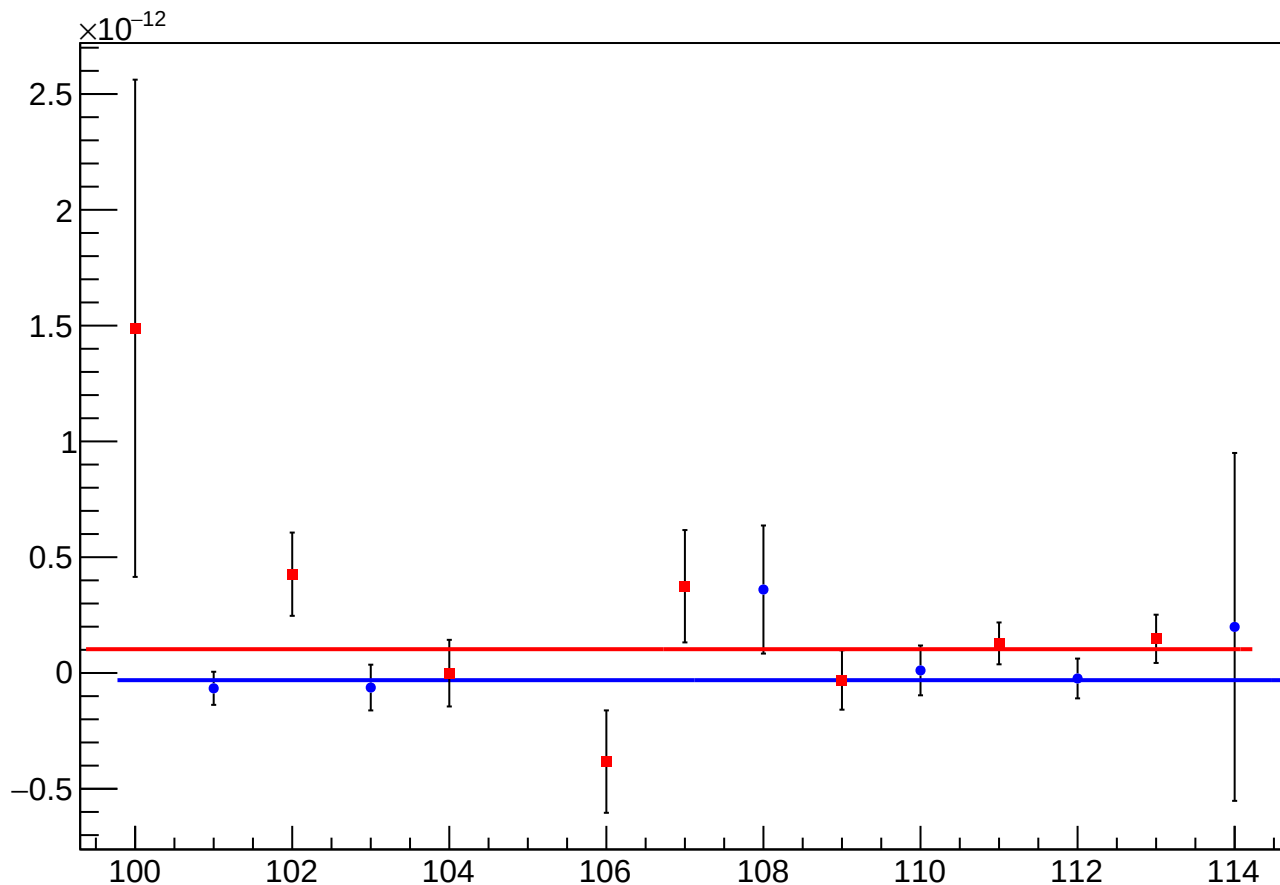
Right: 1554.494+/-0.459 χ^2/NDF : 235889.9/13

In: 1587.284+/-0.699 χ^2/NDF : 112913.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.494+/-0.459 χ^2/NDF : 235889.9/13

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

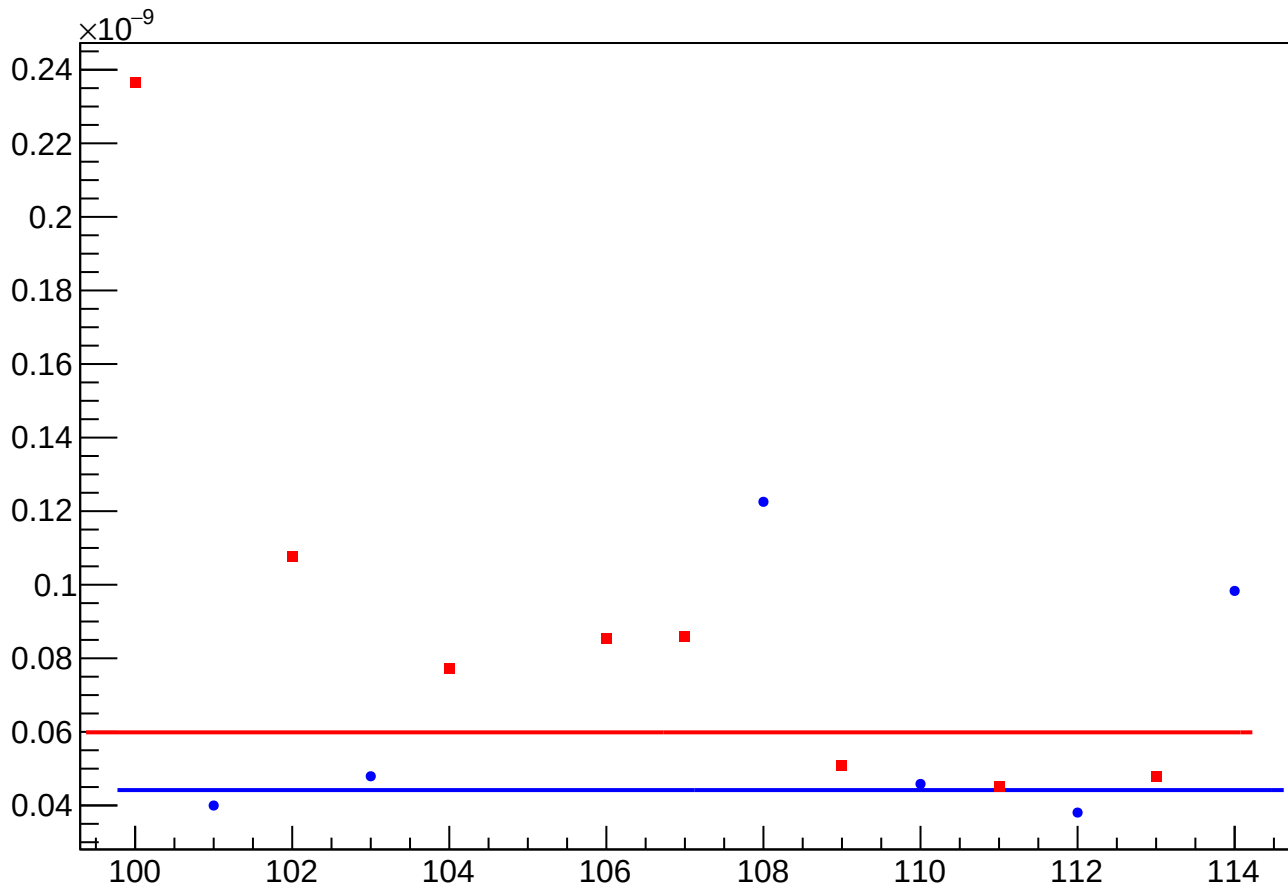
Right: 0.000+/-0.000 χ^2/NDF : 19.5/13

In: -0.000+/-0.000 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/13

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

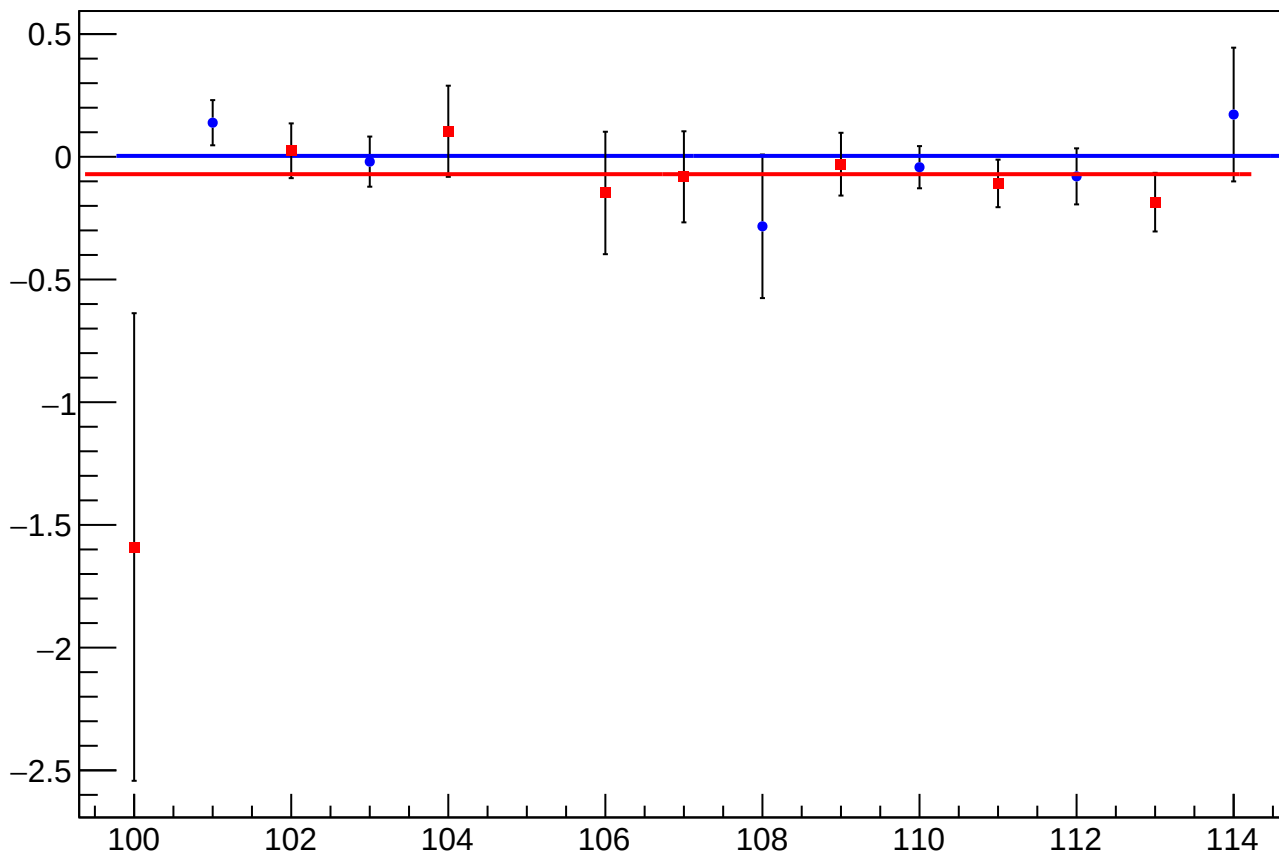
Right: 0.000+/-0.000 χ^2/NDF : 666531.4/13

In: 0.000+/-0.000 χ^2/NDF : 191429.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 666531.4/13

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

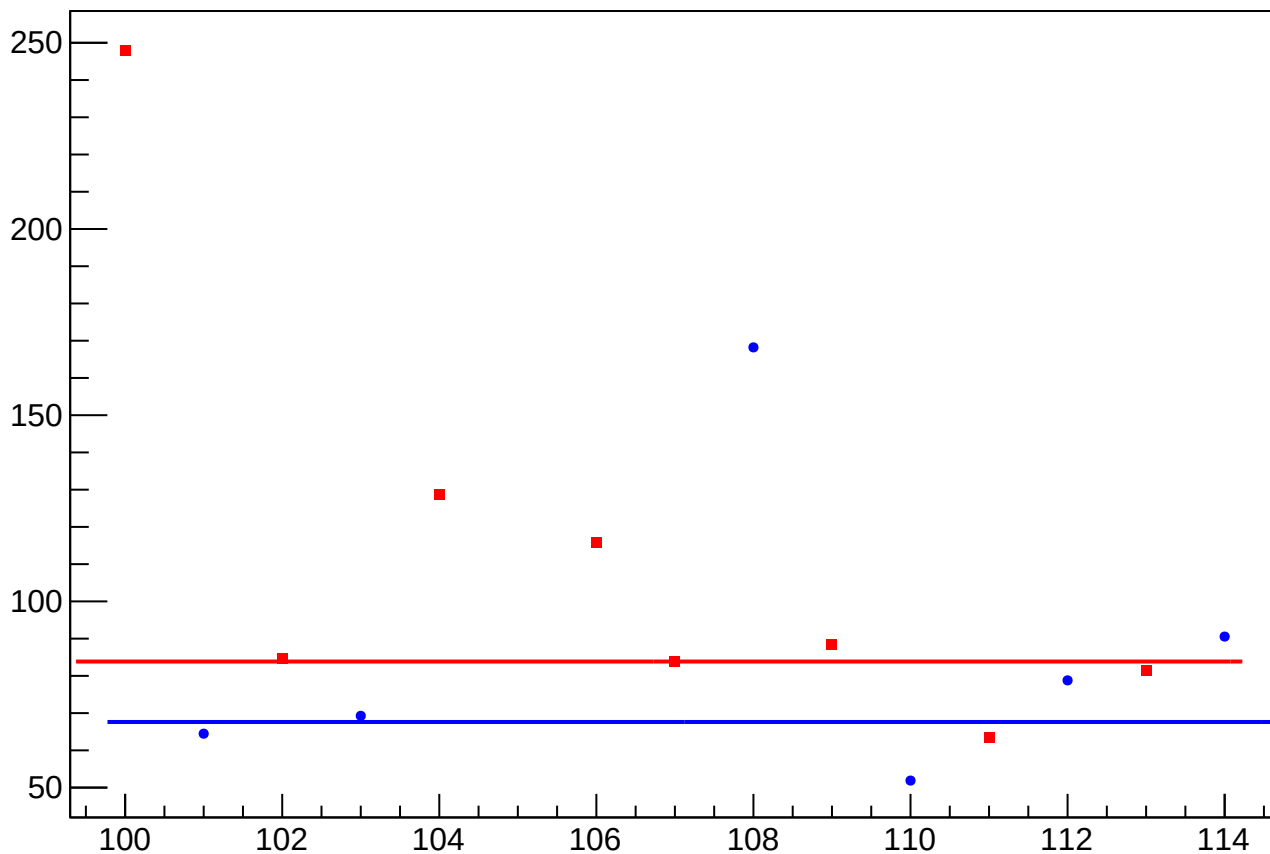
Right: -0.031 $\pm$ 0.034 χ^2/NDF : 11.0/13

In: 0.004 $\pm$ 0.047 χ^2/NDF : 4.4/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.031 $\pm$ 0.034 χ^2/NDF : 11.0/13

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

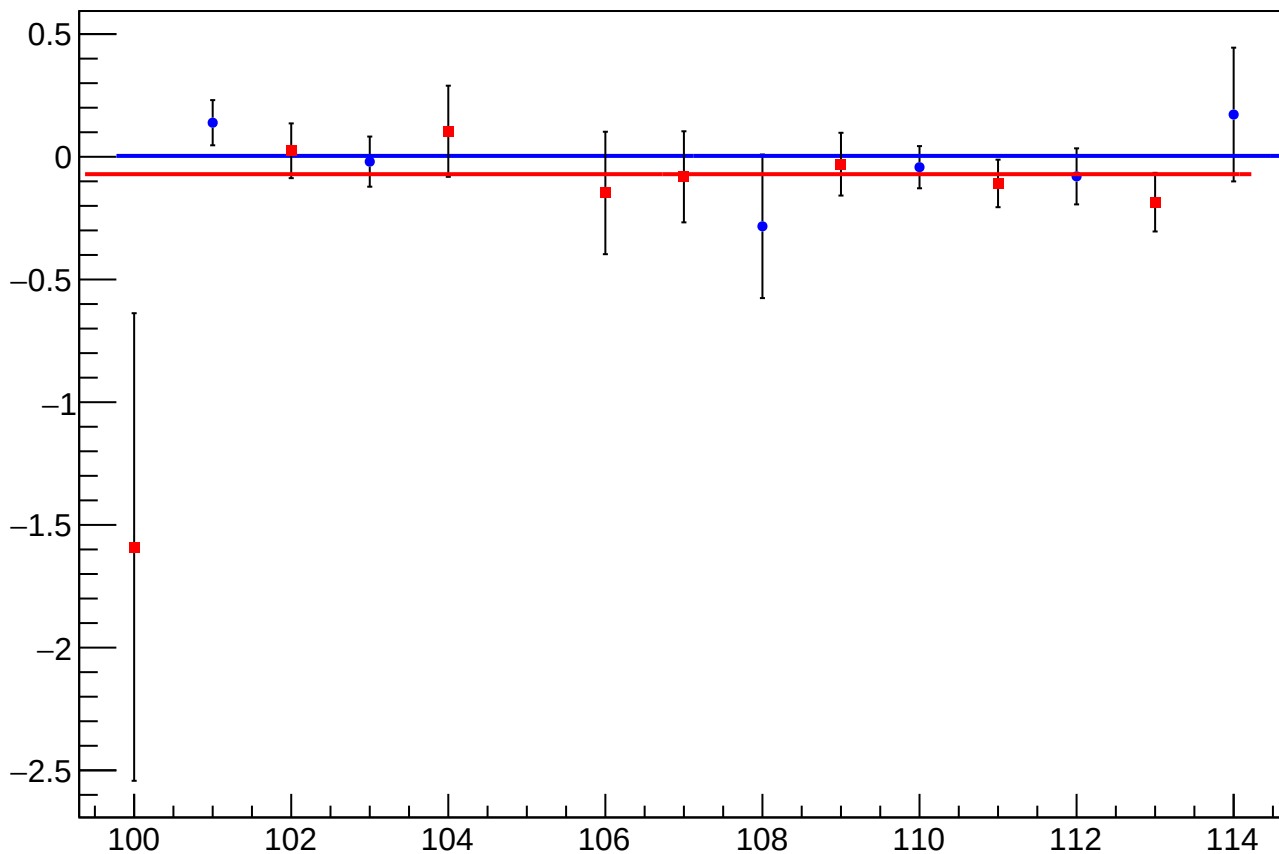
Right: 75.182+/-0.024 χ^2/NDF : 752572.7/13

In: 67.619+/-0.033 χ^2/NDF : 339726.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.182+/-0.024 χ^2/NDF : 752572.7/13

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.047 χ^2/NDF : 4.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.050 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

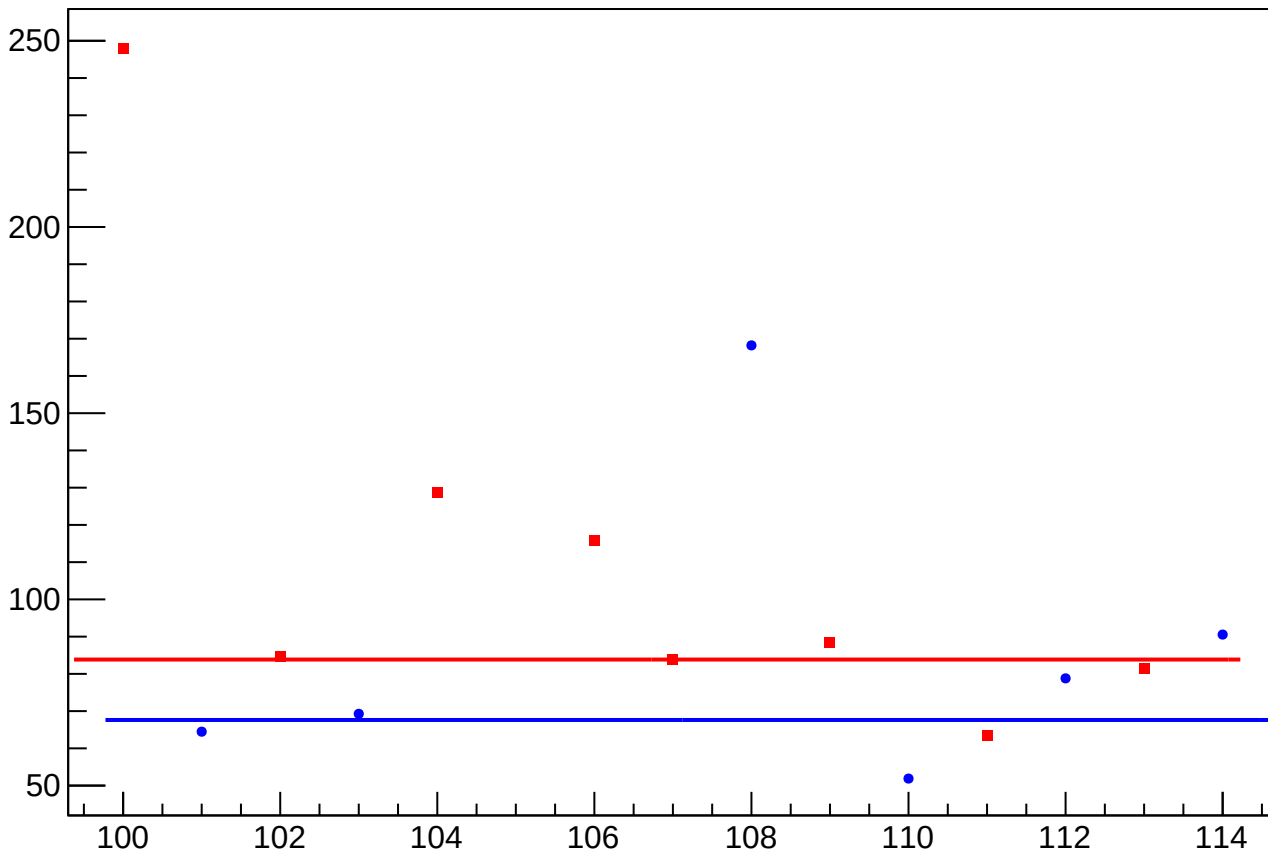
Right: -0.031+/-0.034 χ^2/NDF : 11.0/13

In: 0.004+/-0.047 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.034 χ^2/NDF : 11.0/13

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

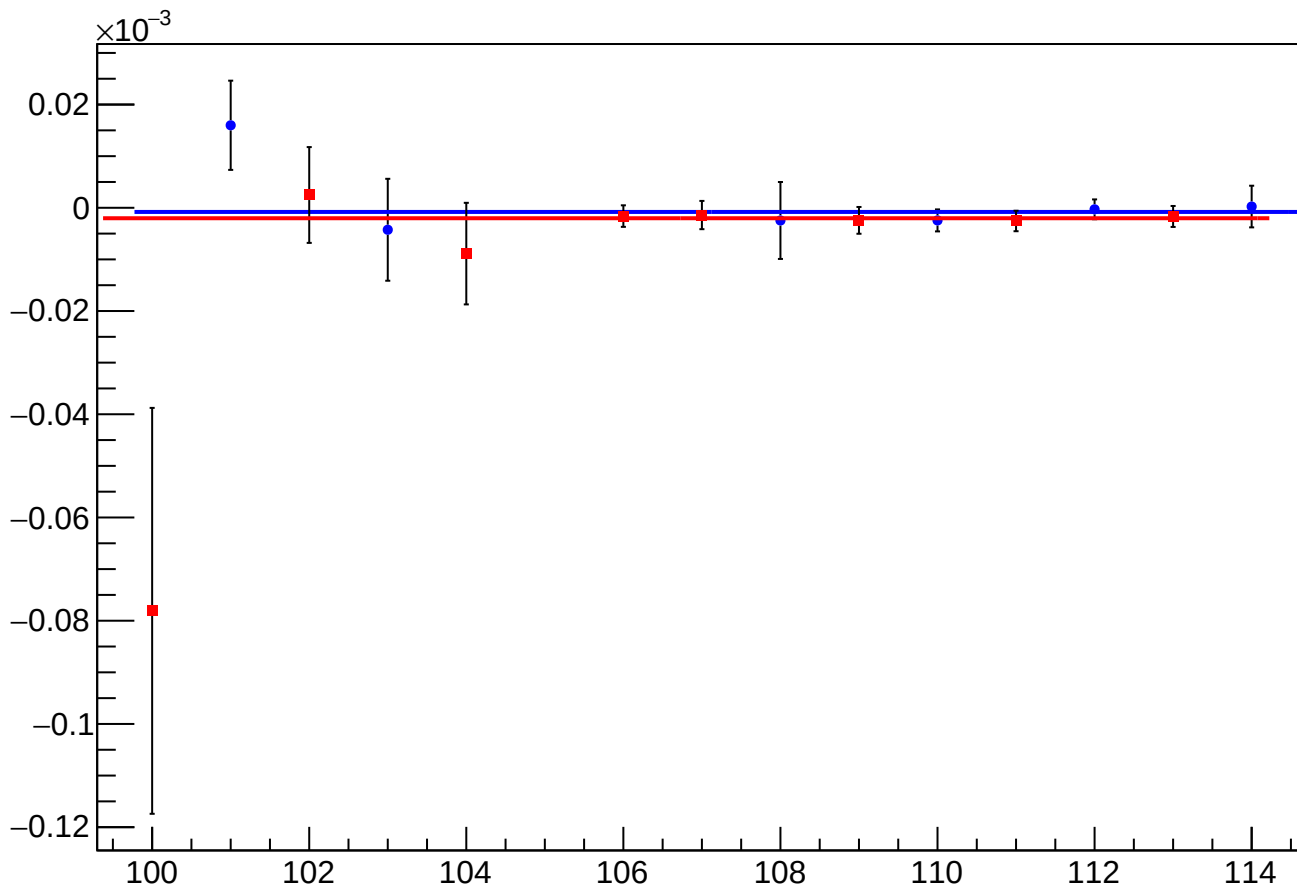
Right: 75.182+/-0.024 χ^2/NDF : 752572.7/13

In: 67.619+/-0.033 χ^2/NDF : 339726.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.182+/-0.024 χ^2/NDF : 752572.7/13

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

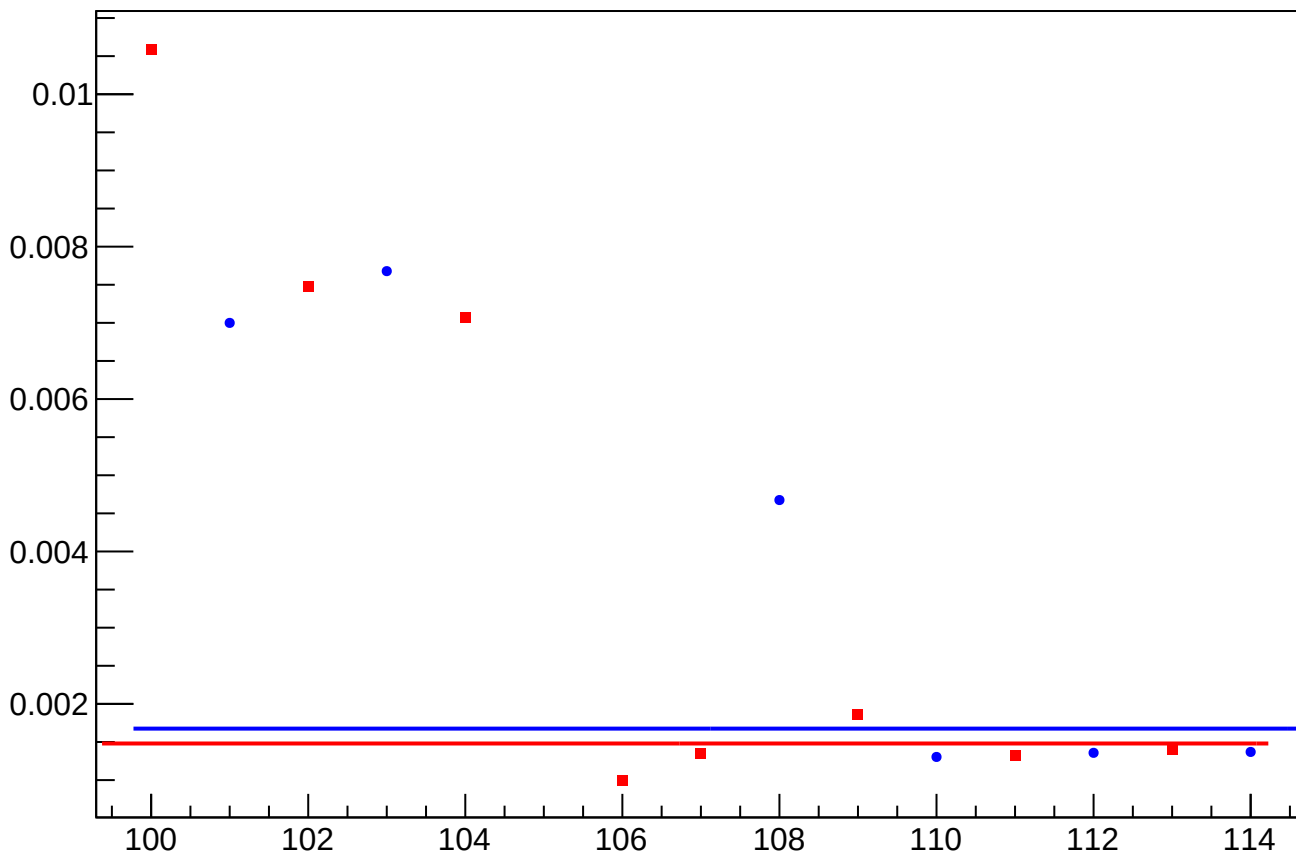
Right: -0.000+/-0.000 χ^2/NDF : 9.9/13

In: -0.000+/-0.000 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/13

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

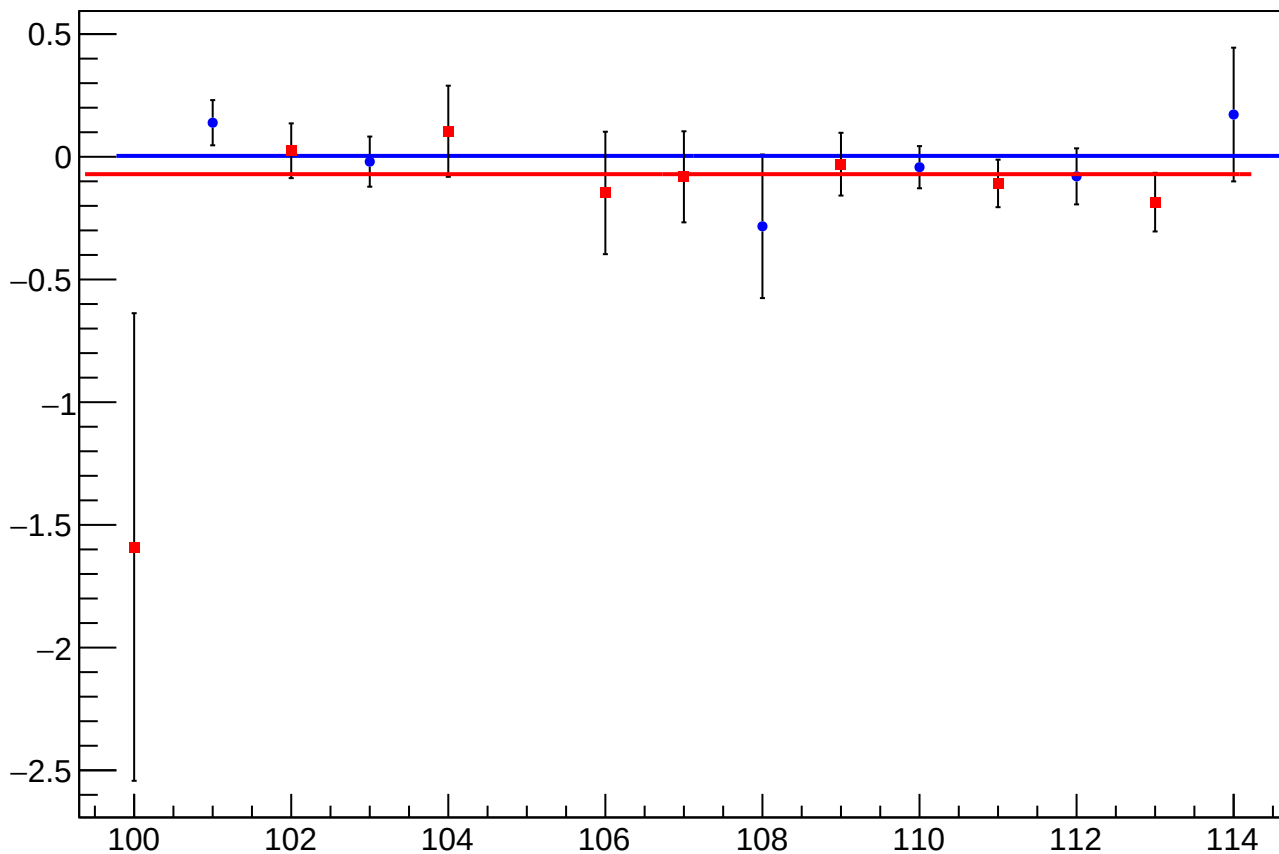
Right: 0.002+/-0.000 χ^2/NDF : 3735447.8/13

In: 0.002+/-0.000 χ^2/NDF : 1949593.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3735447.8/13

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 ± 0.047 χ^2/NDF : 4.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.071 ± 0.050 χ^2/NDF : 5.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

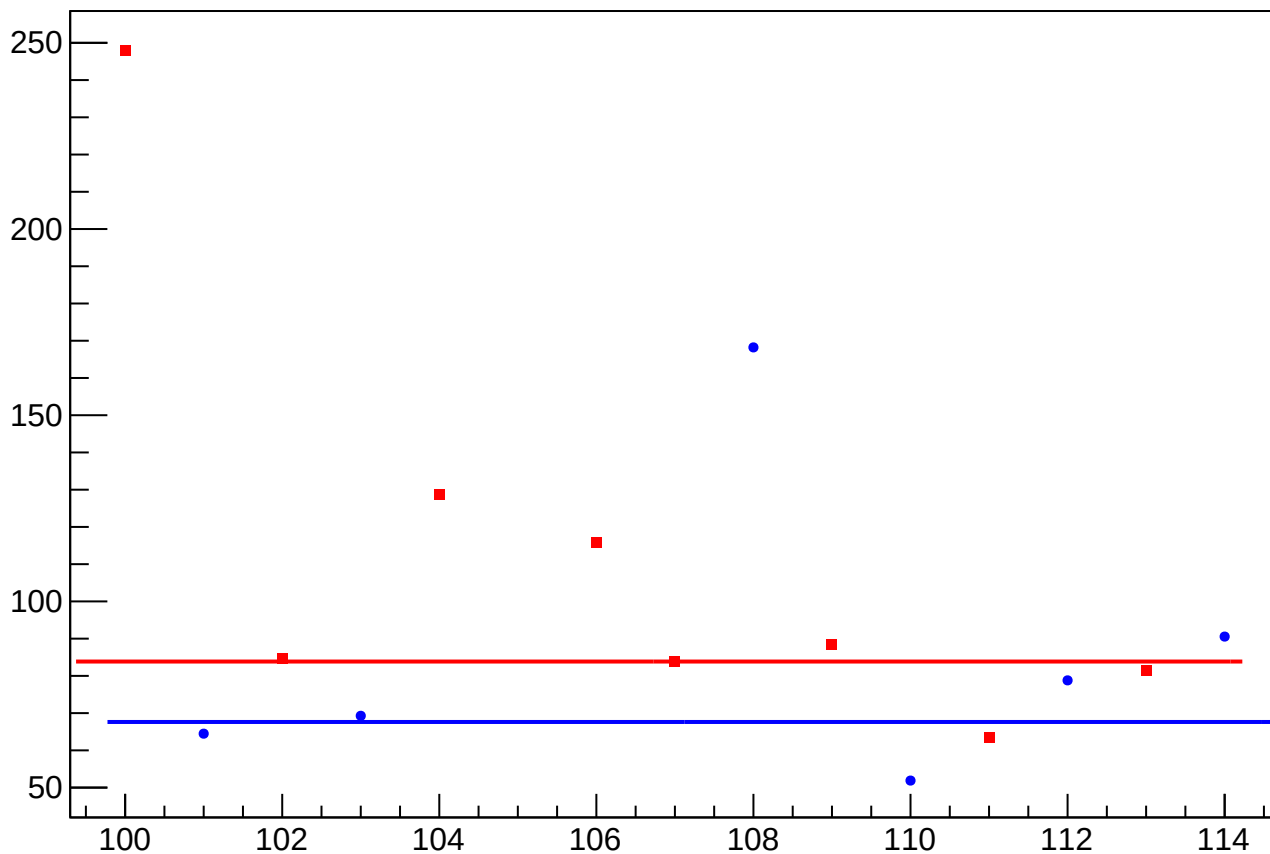
Right: -0.031 ± 0.034 χ^2/NDF : 11.0/13

In: 0.004 ± 0.047 χ^2/NDF : 4.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.034 χ^2/NDF : 11.0/13

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

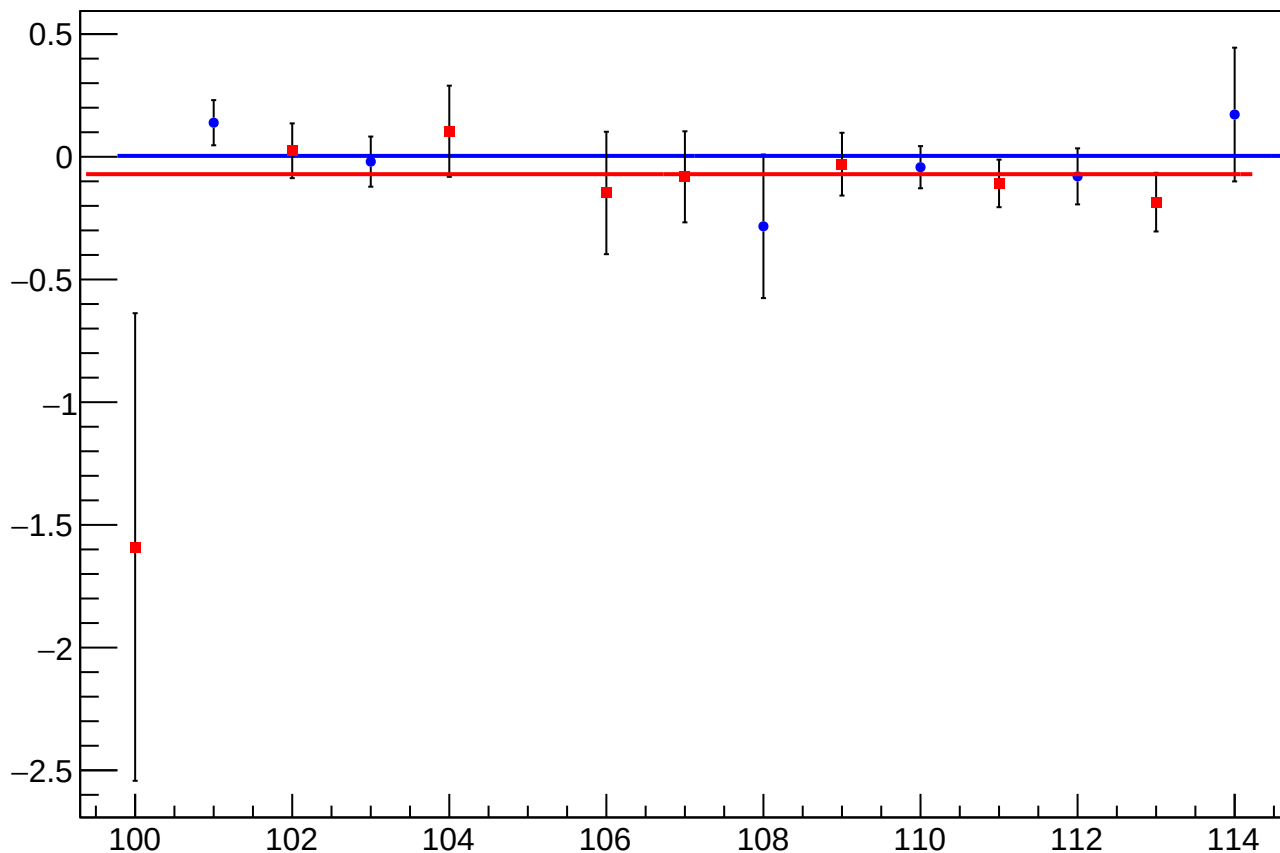
Right: 75.186+/-0.024 χ^2/NDF : 752568.0/13

In: 67.623+/-0.033 χ^2/NDF : 339720.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.186+/-0.024 χ^2/NDF : 752568.0/13

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

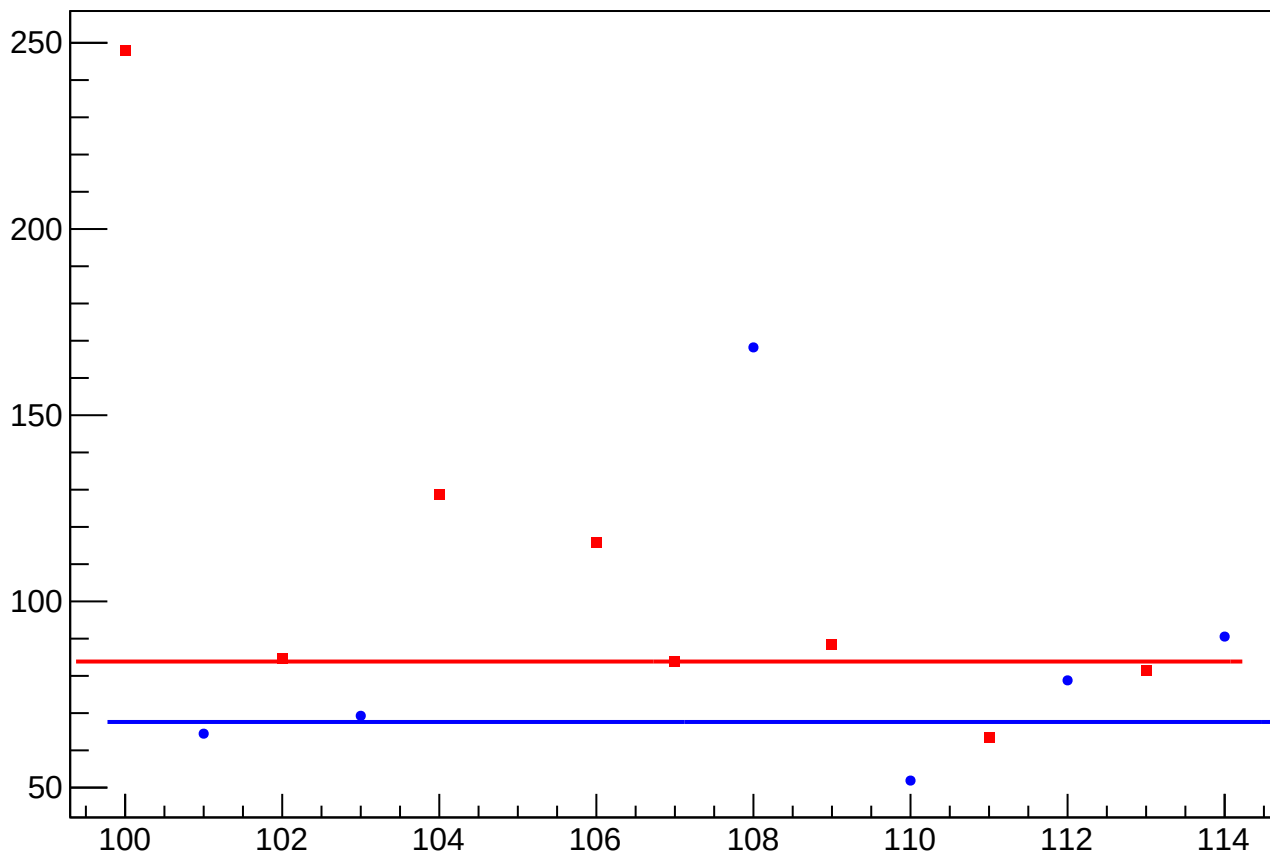
Right: -0.031 $\pm$ 0.034 χ^2 /NDF: 11.0/13

In: 0.004 $\pm$ 0.047 χ^2 /NDF:4.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.034 χ^2 /NDF: 11.0/13

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

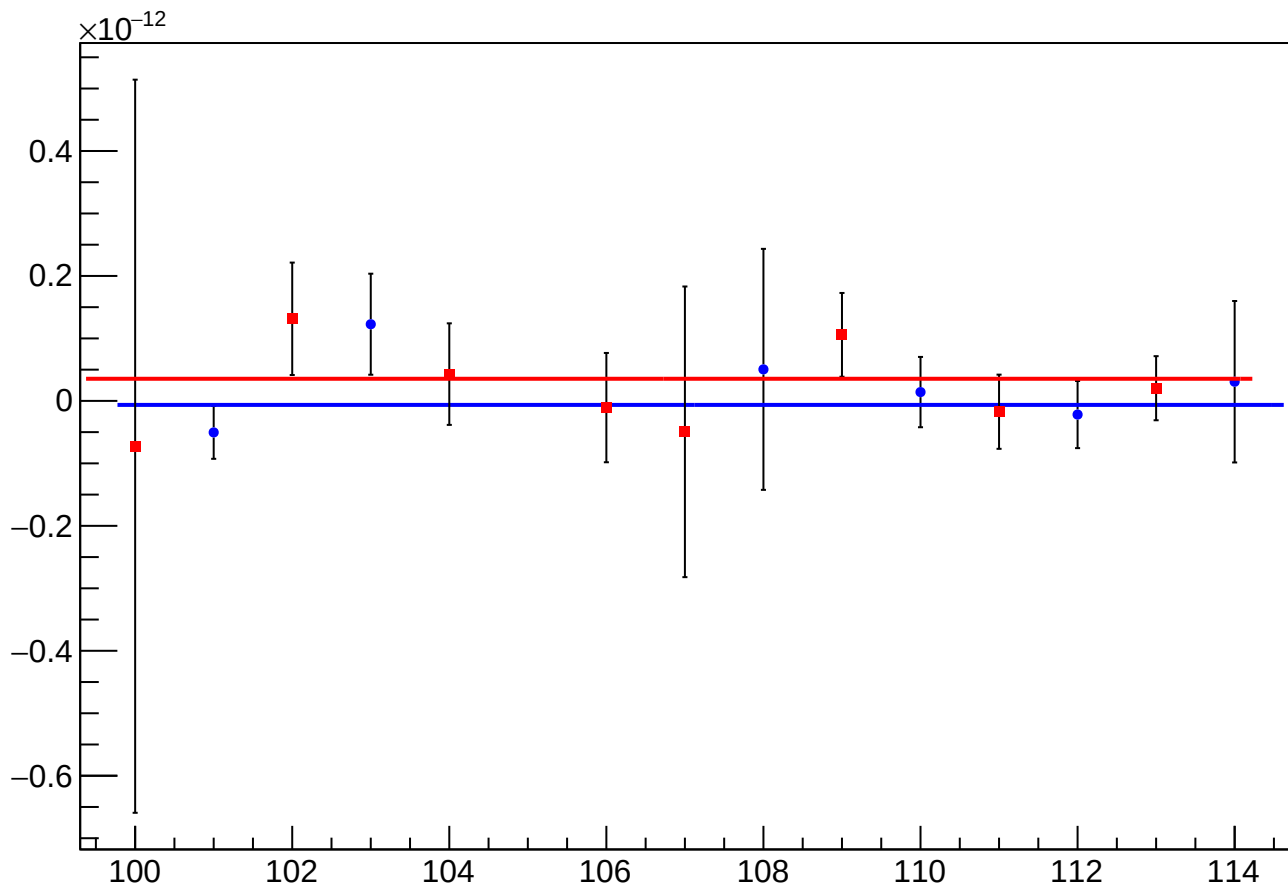
Right: 75.186+/-0.024 χ^2/NDF : 752568.0/13

In: 67.623+/-0.033 χ^2/NDF : 339720.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.186+/-0.024 χ^2/NDF : 752568.0/13

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

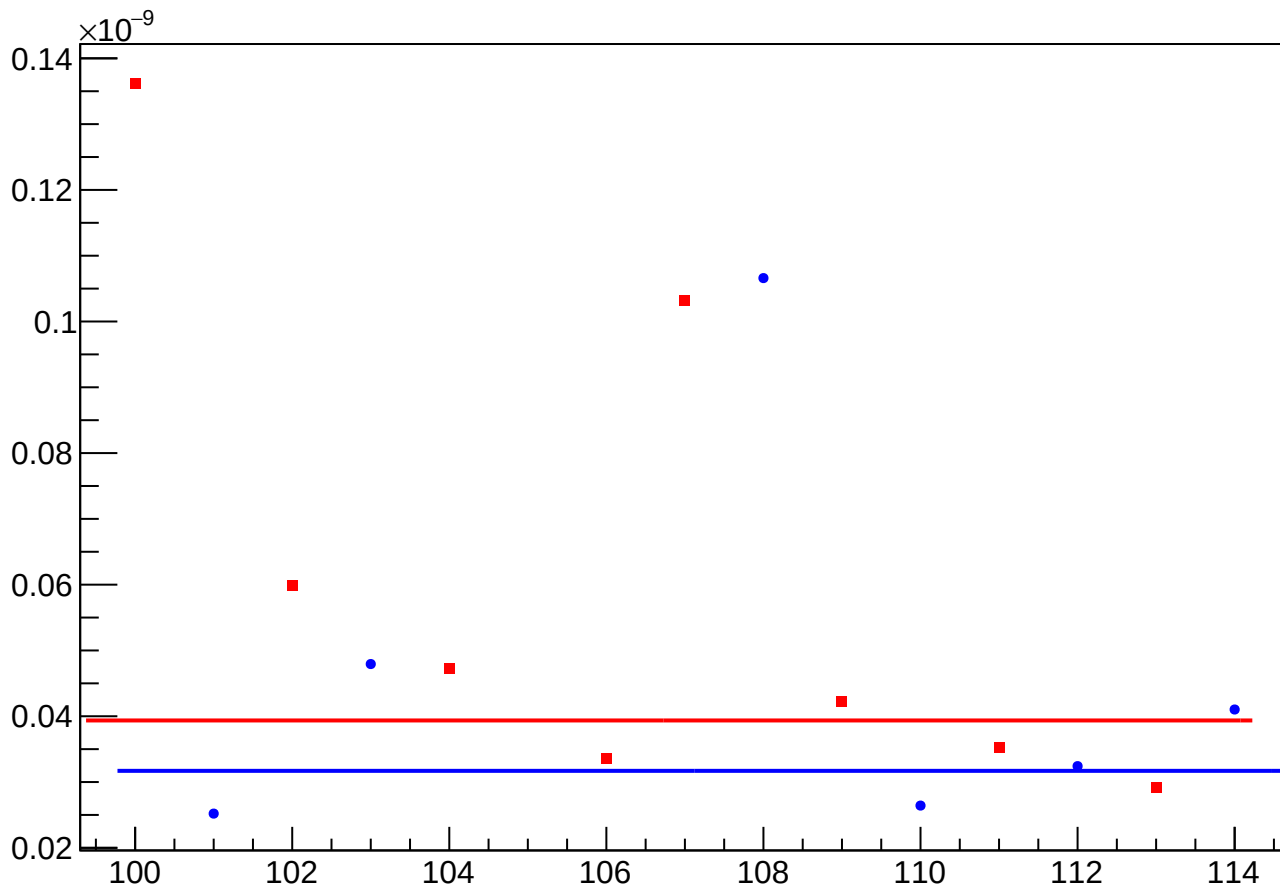
Right: 0.000+/-0.000 χ^2/NDF : 8.8/13

In: -0.000+/-0.000 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/13

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

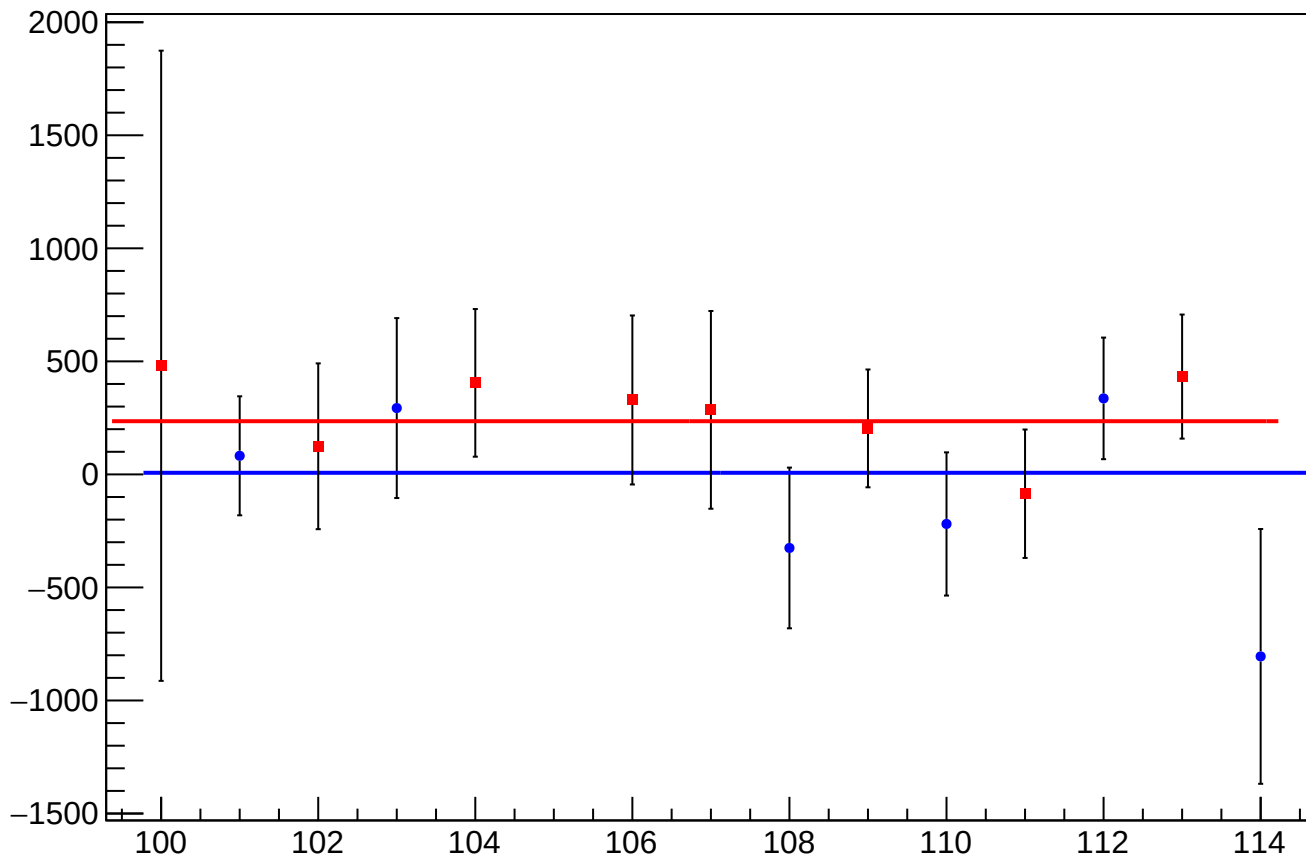
Right: 0.000+/-0.000 χ^2/NDF : 968350.8/13

In: 0.000+/-0.000 χ^2/NDF : 457810.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 968350.8/13

reg_asym_sam4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

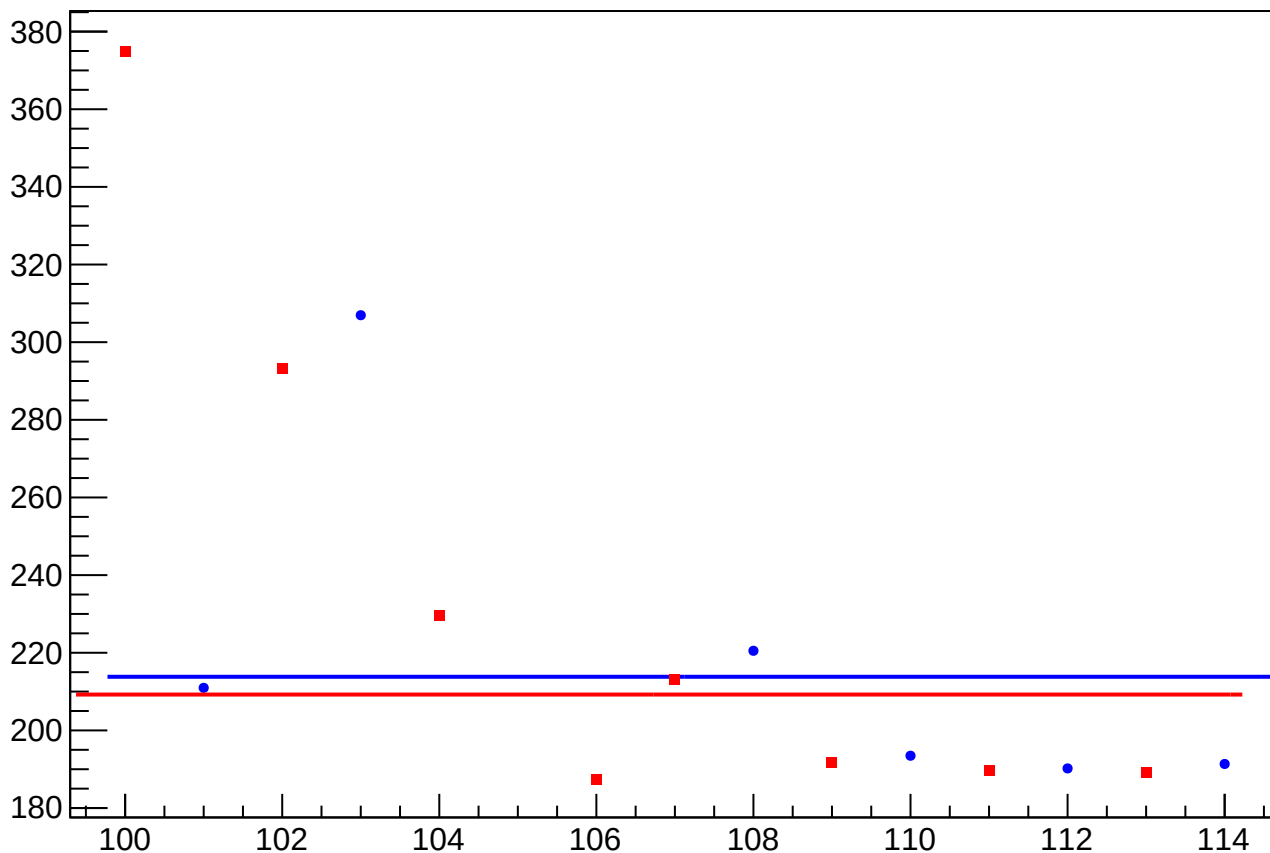
Right: 134.379+/-89.178 χ^2/NDF : 9.5/13

In: 7.094+/-134.092 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.379+/-89.178 χ^2/NDF : 9.5/13

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 213.814+/-0.095 χ^2/NDF : 137314.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.235+/-0.084 χ^2/NDF : 176941.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

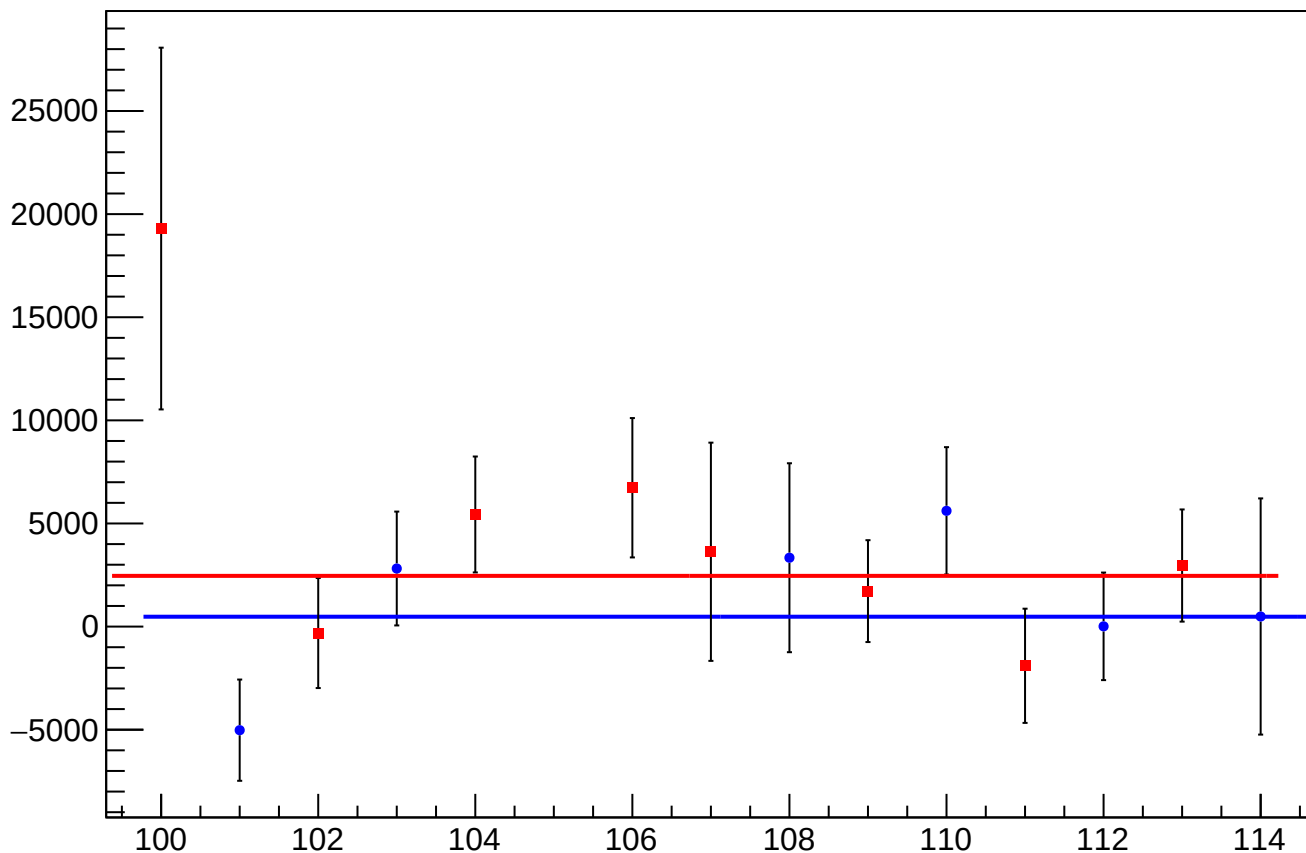
Right: 211.260+/-0.063 χ^2/NDF : 315556.9/13

In: 213.814+/-0.095 χ^2/NDF : 137314.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.260+/-0.063 χ^2/NDF : 315556.9/13

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

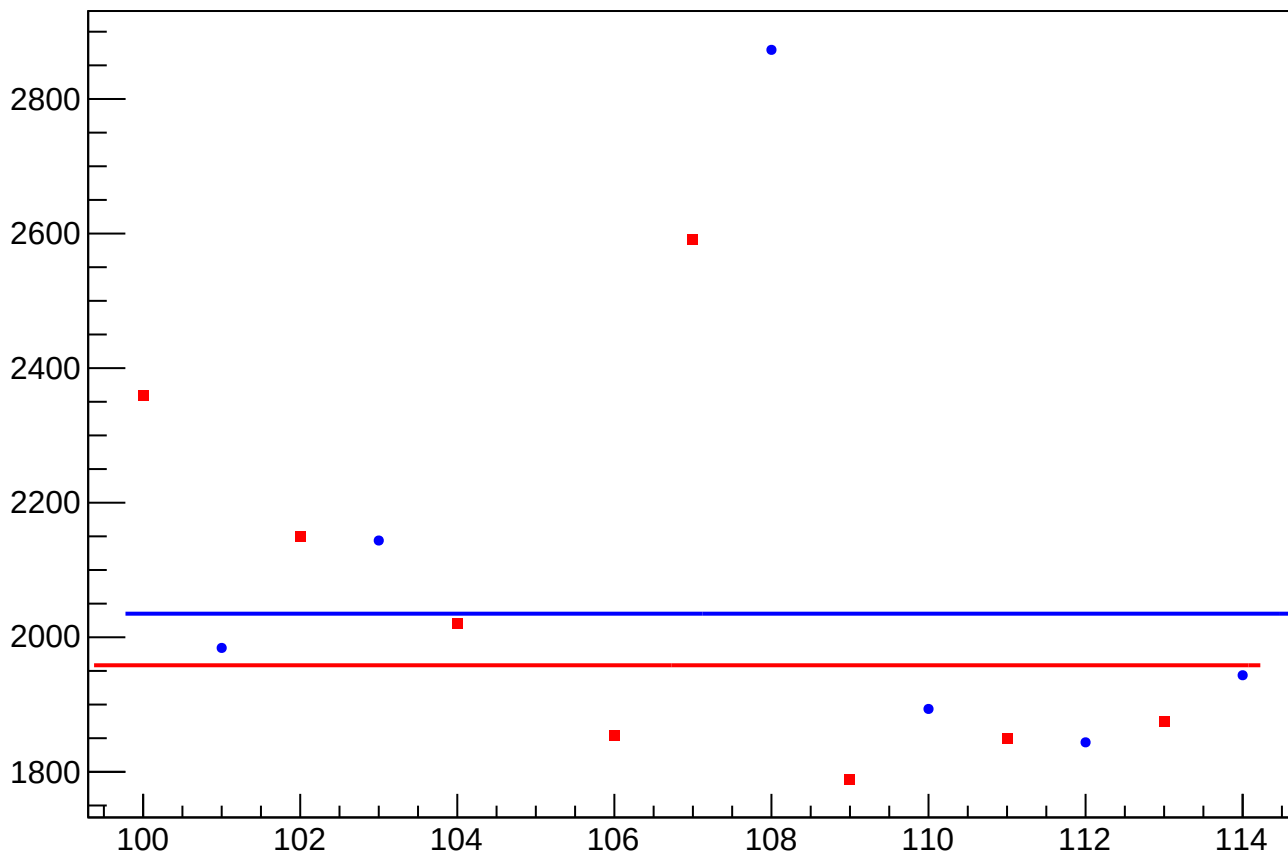
Right: 1608.604 $\pm$ 827.470 χ^2 /NDF: 20.5/13

In: 478.802 $\pm$ 1262.536 χ^2 /NDF: 8.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1608.604 $\pm$ 827.470 χ^2 /NDF: 20.5/13

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2035.065+/-0.893 χ^2/NDF : 86355.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1958.397+/-0.775 χ^2/NDF : 60452.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

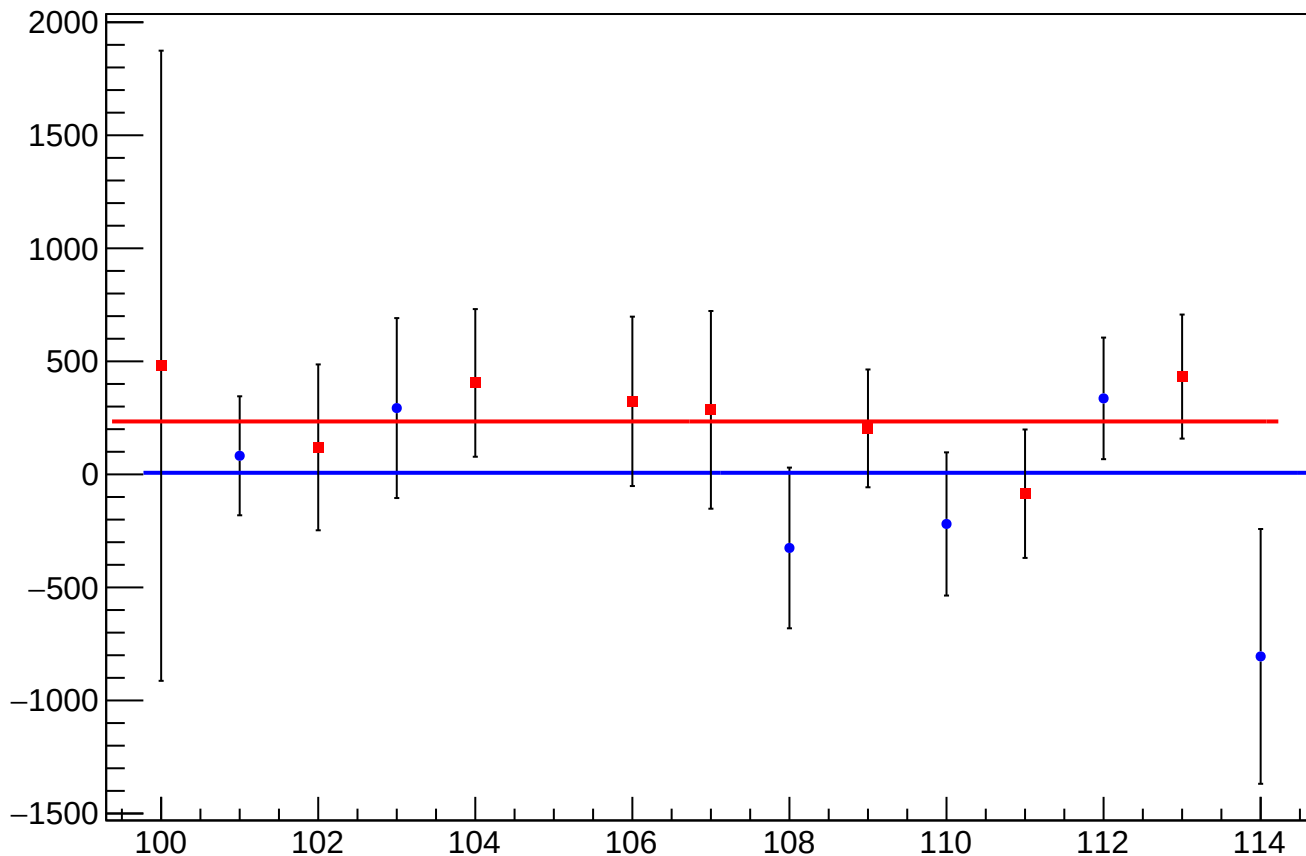
Right: 1991.330+/-0.585 χ^2/NDF : 151015.2/13

In: 2035.065+/-0.893 χ^2/NDF :86355.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1991.330+/-0.585 χ^2/NDF : 151015.2/13

cor_asym_sam4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

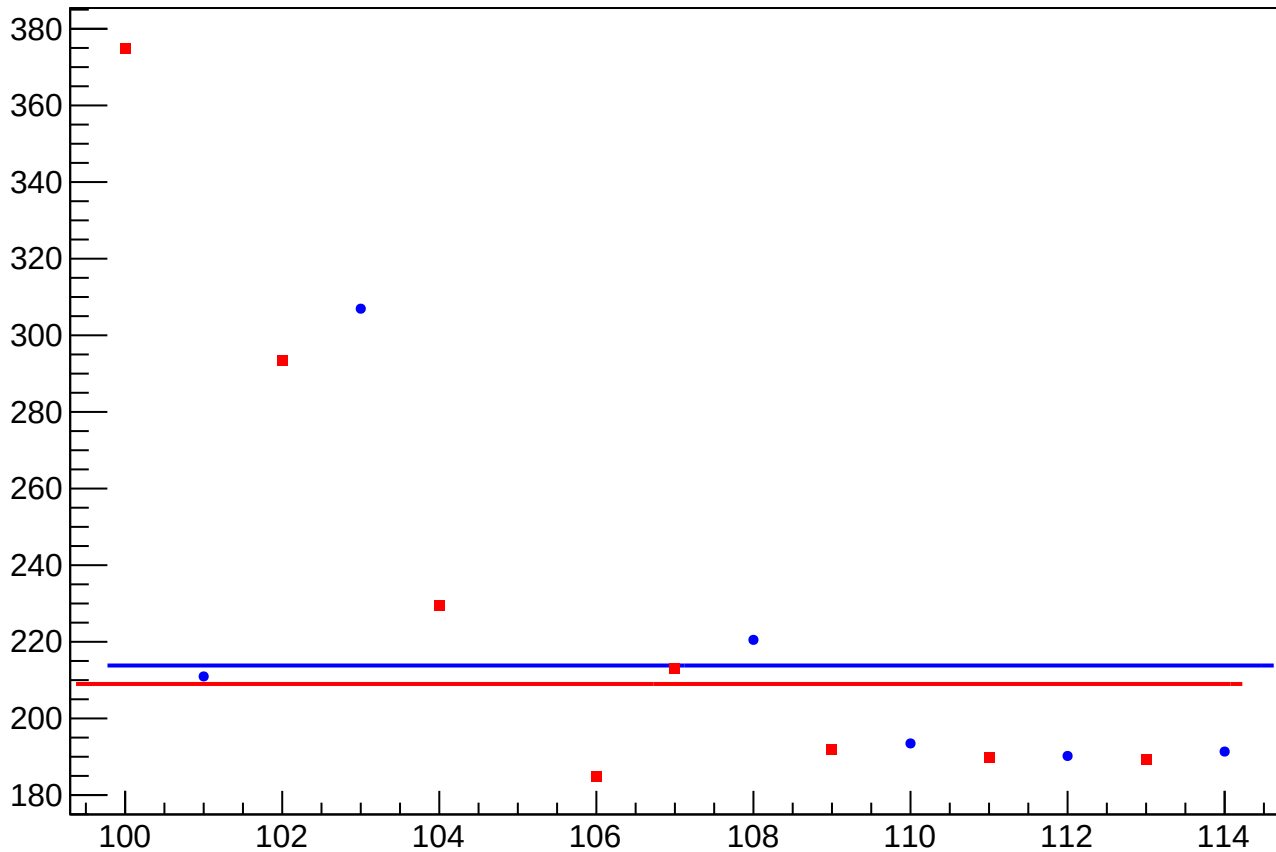
Right: 133.658+/-89.192 χ^2/NDF : 9.4/13

In: 7.048+/-134.092 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.658+/-89.192 χ^2/NDF : 9.4/13

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 213.814+/-0.095 χ^2/NDF : 137317.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.995+/-0.084 χ^2/NDF : 178793.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

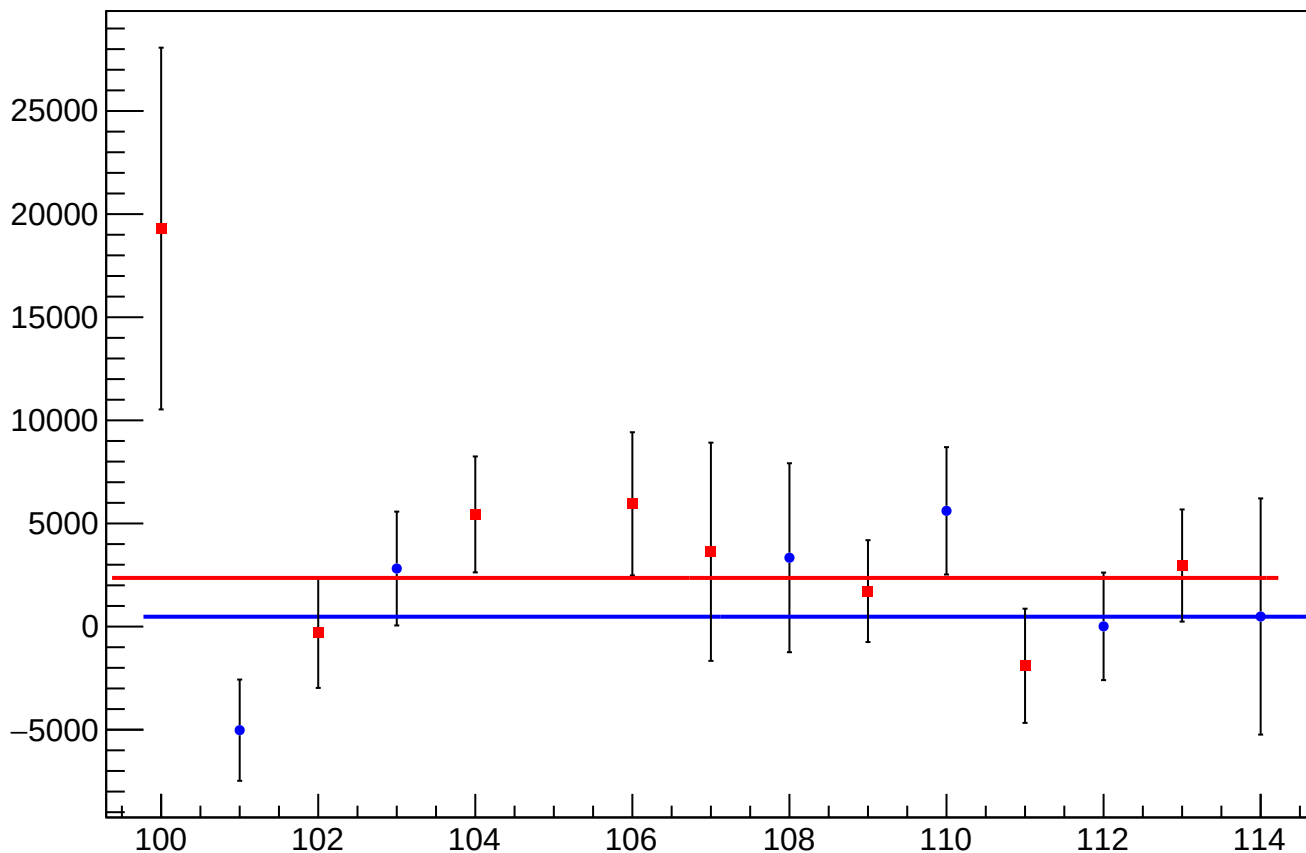
Right: 211.127+/-0.063 χ^2/NDF : 317550.7/13

In: 213.814+/-0.095 χ^2/NDF : 137317.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.127+/-0.063 χ^2/NDF : 317550.7/13

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 478.506+/-1262.556 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.682+/-1098.697 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

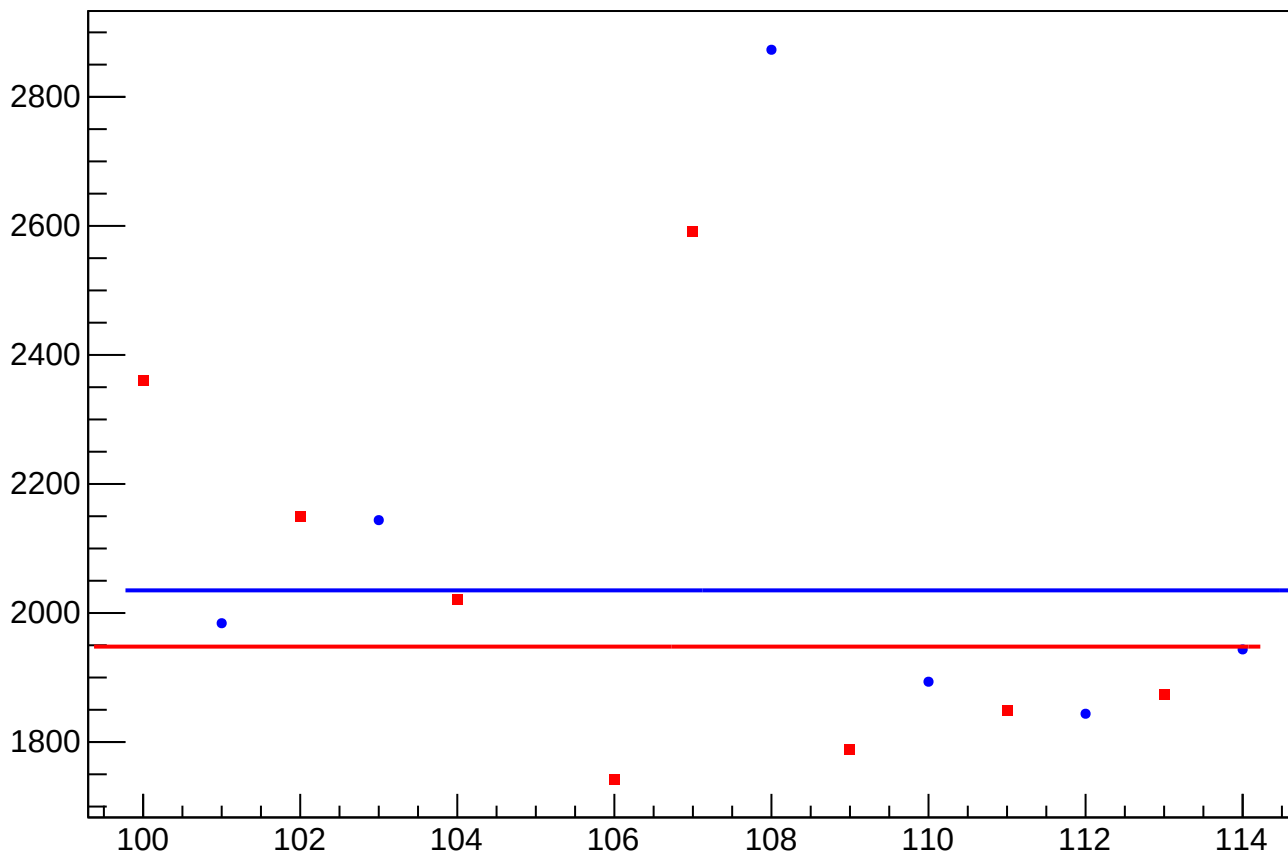
Right: 1549.012+/-828.815 χ^2/NDF : 19.7/13

In: 478.506+/-1262.556 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.012+/-828.815 χ^2/NDF : 19.7/13

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2035.096+/-0.893 χ^2/NDF : 86364.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.916+/-0.777 χ^2/NDF : 66200.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

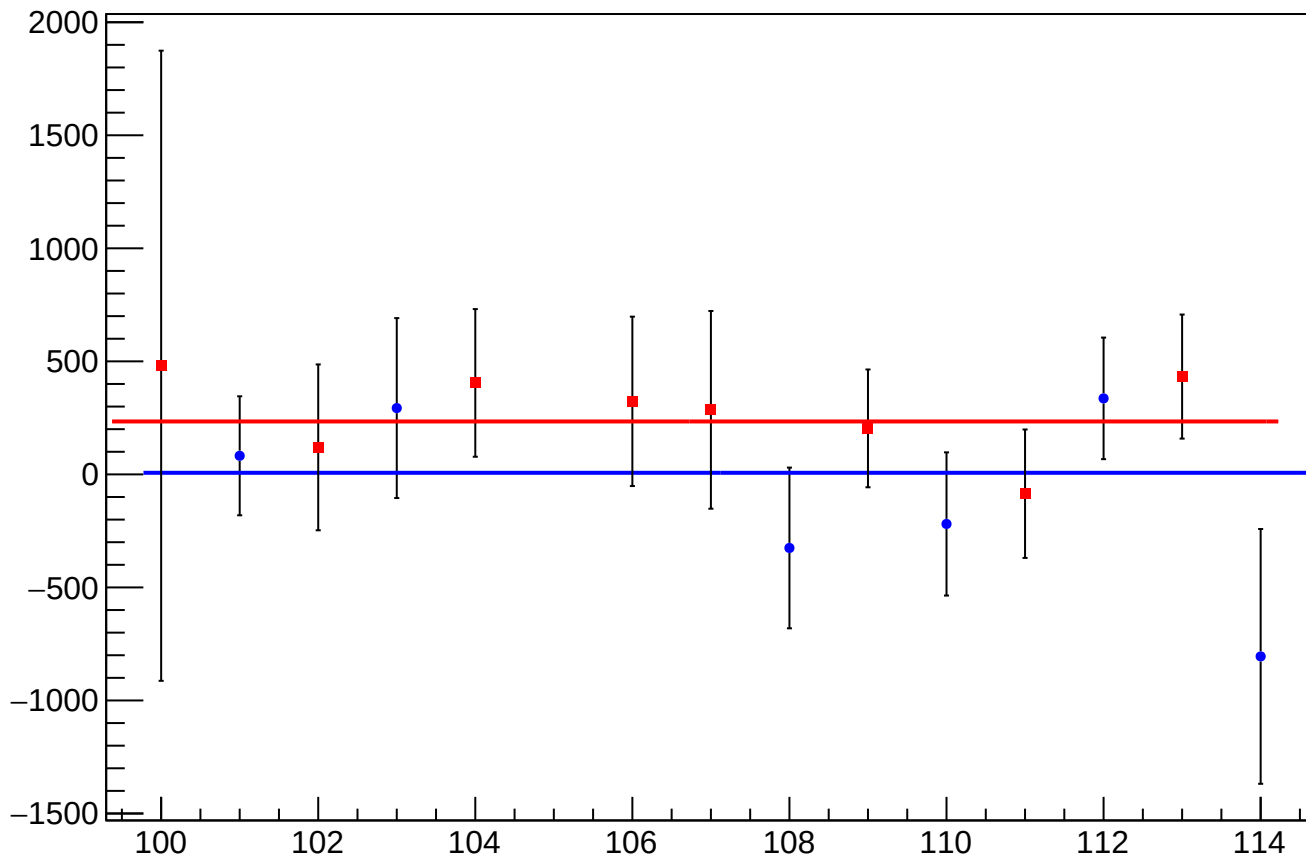
Right: 1985.485+/-0.586 χ^2/NDF : 157992.0/13

In: 2035.096+/-0.893 χ^2/NDF : 86364.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.485+/-0.586 χ^2/NDF : 157992.0/13

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

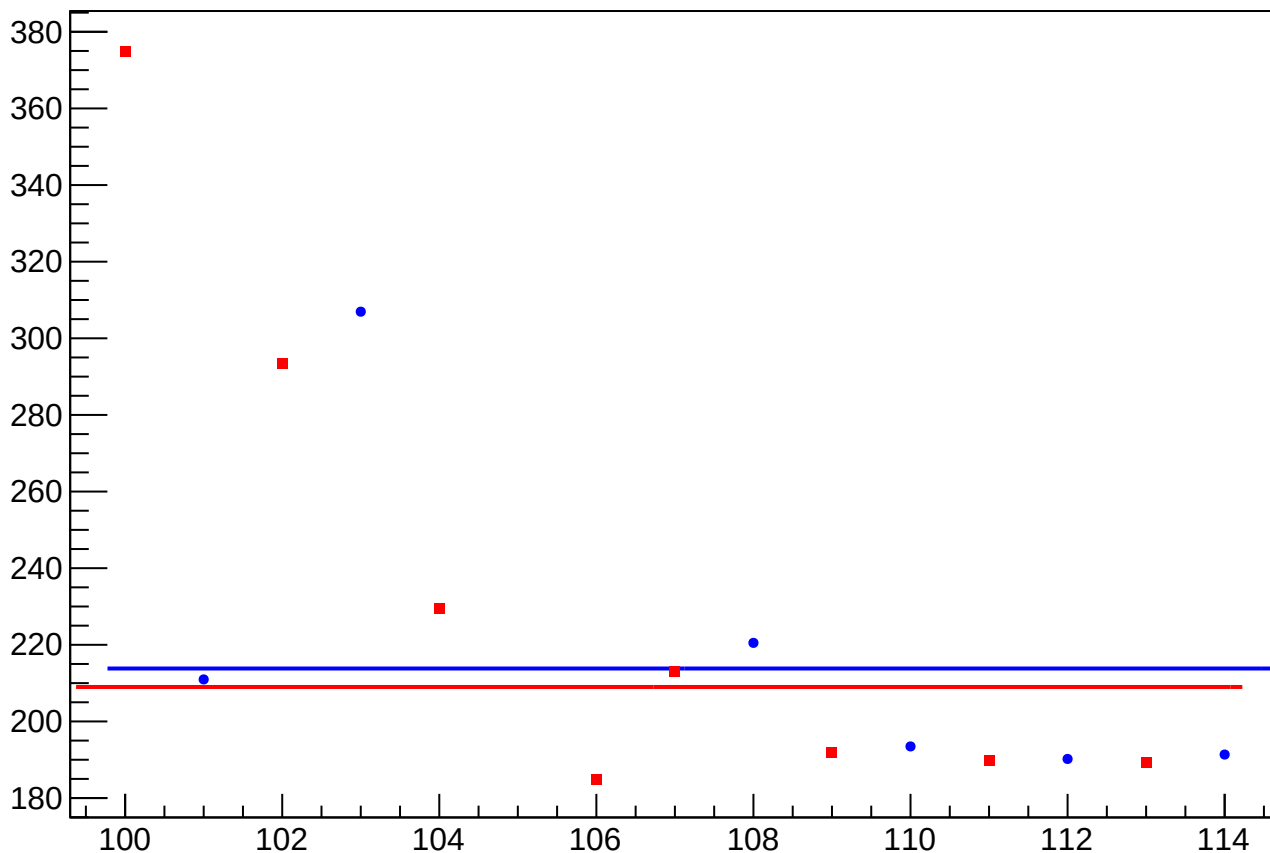
Right: 133.658+/-89.192 χ^2/NDF : 9.4/13

In: 7.048+/-134.092 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.658+/-89.192 χ^2/NDF : 9.4/13

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 213.814+/-0.095 χ^2/NDF : 137317.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.995+/-0.084 χ^2/NDF : 178793.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

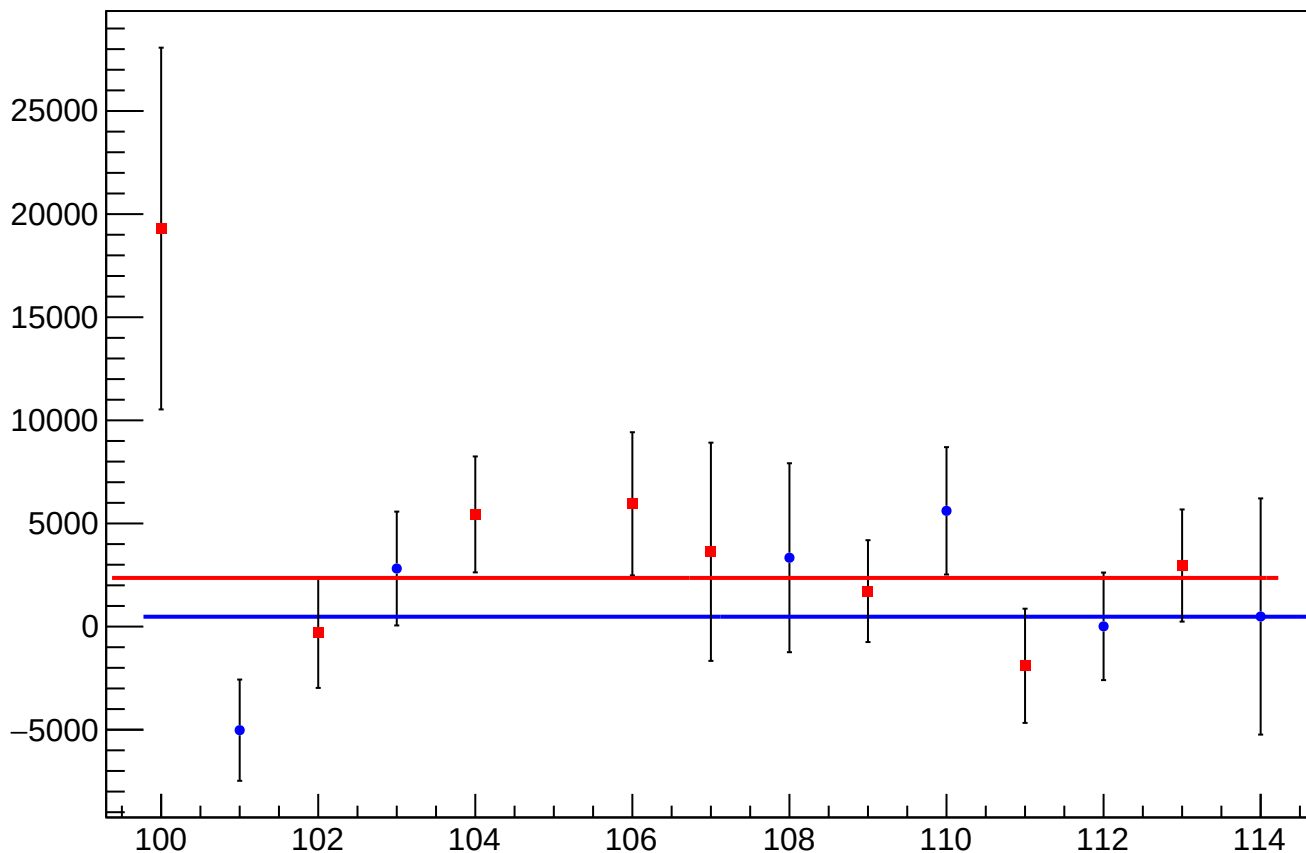
Right: 211.127+/-0.063 χ^2/NDF : 317550.7/13

In: 213.814+/-0.095 χ^2/NDF : 137317.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.127+/-0.063 χ^2/NDF : 317550.7/13

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 478.506+/-1262.556 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2359.682+/-1098.697 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

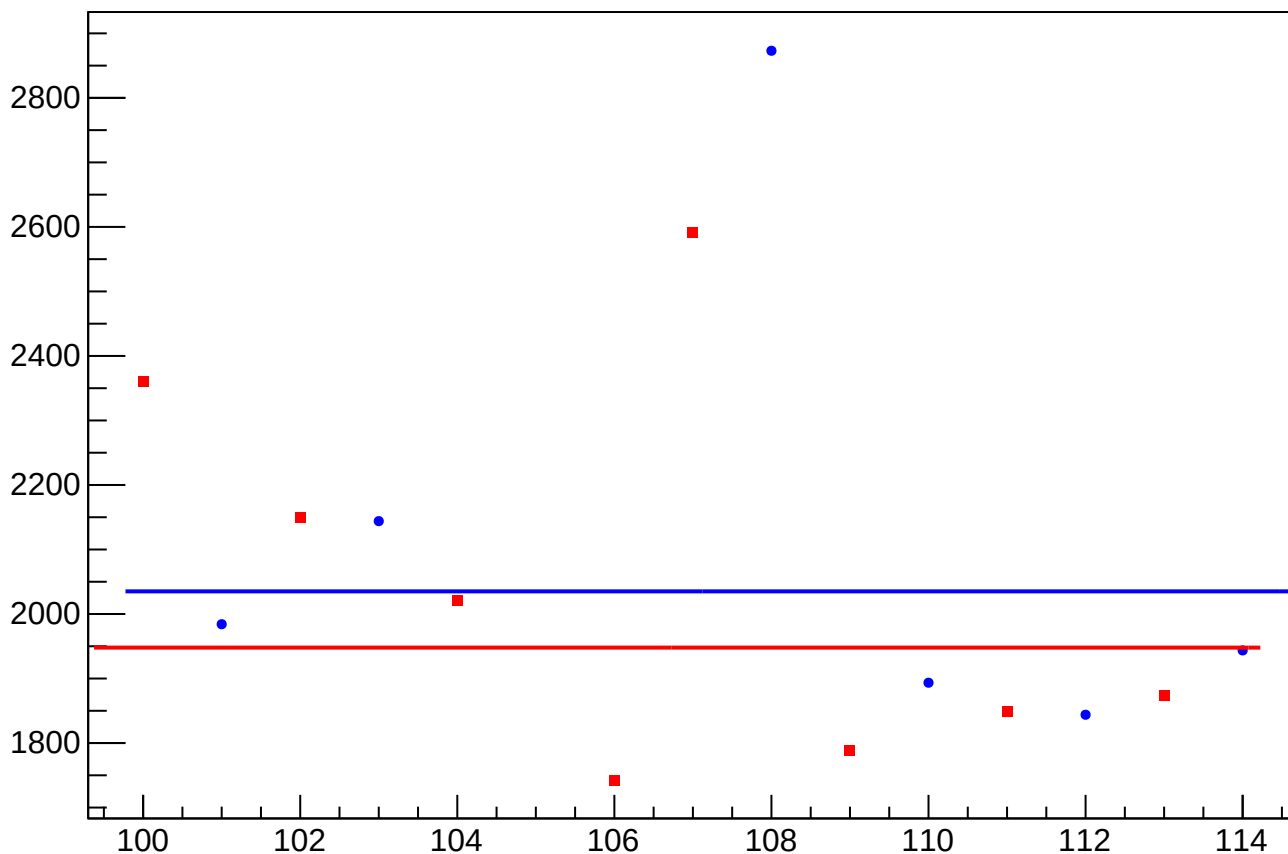
Right: 1549.012+/-828.815 χ^2/NDF : 19.7/13

In: 478.506+/-1262.556 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.012+/-828.815 χ^2/NDF : 19.7/13

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2035.096+/-0.893 χ^2/NDF : 86364.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.916+/-0.777 χ^2/NDF : 66200.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

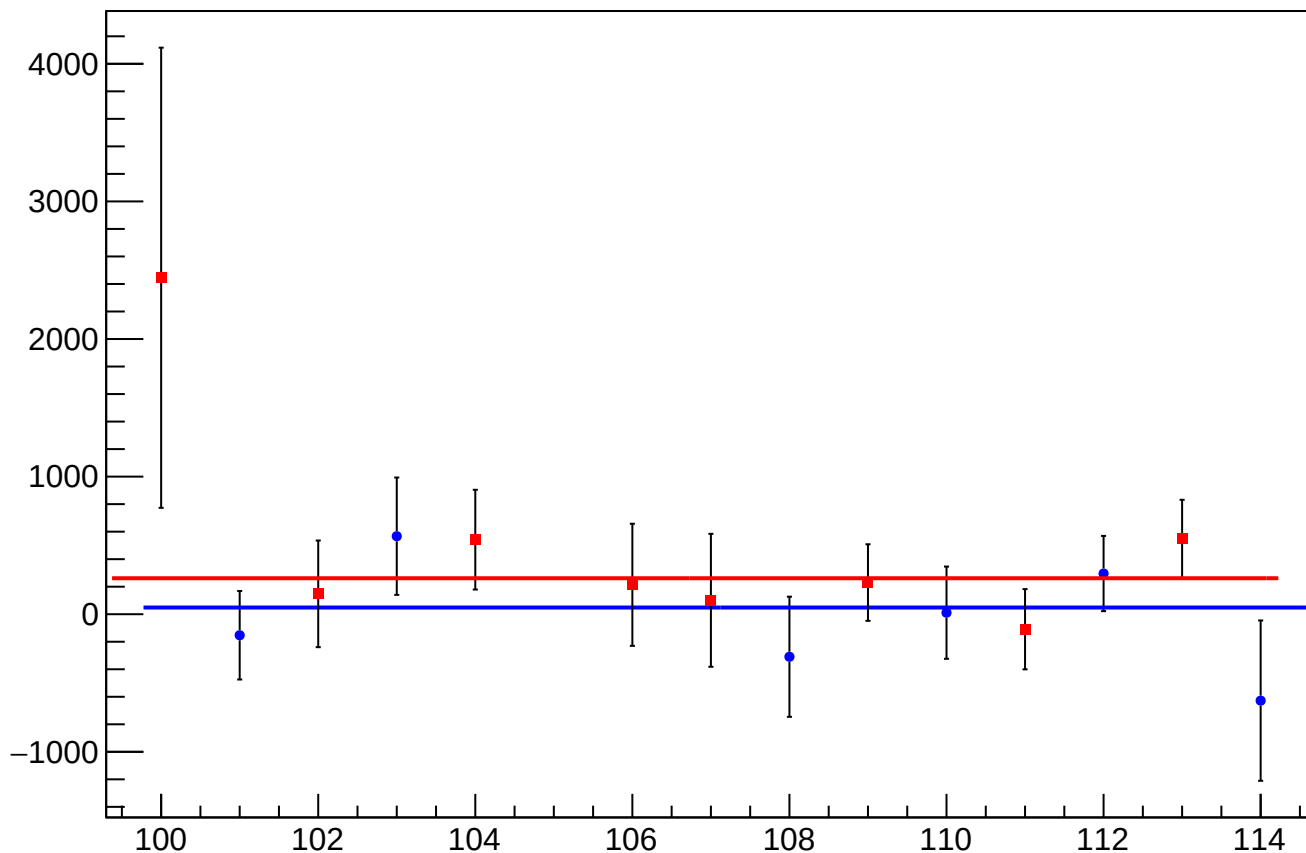
Right: 1985.485+/-0.586 χ^2/NDF : 157992.0/13

In: 2035.096+/-0.893 χ^2/NDF : 86364.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.485+/-0.586 χ^2/NDF : 157992.0/13

dit_asym_sam4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

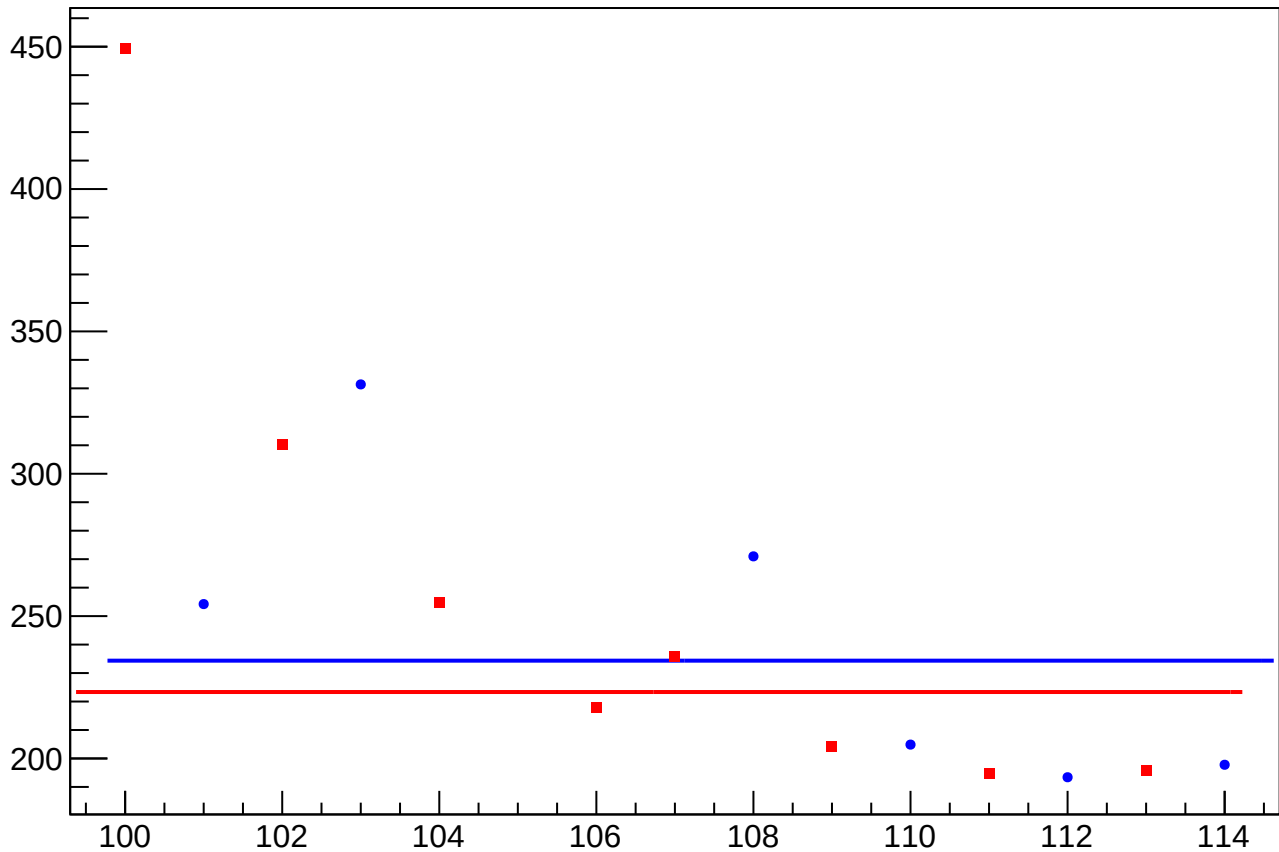
Right: 170.464+/-96.816 χ^2/NDF : 11.1/13

In: 48.673+/-148.033 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.464+/-96.816 χ^2/NDF : 11.1/13

dit_asym_sam4_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

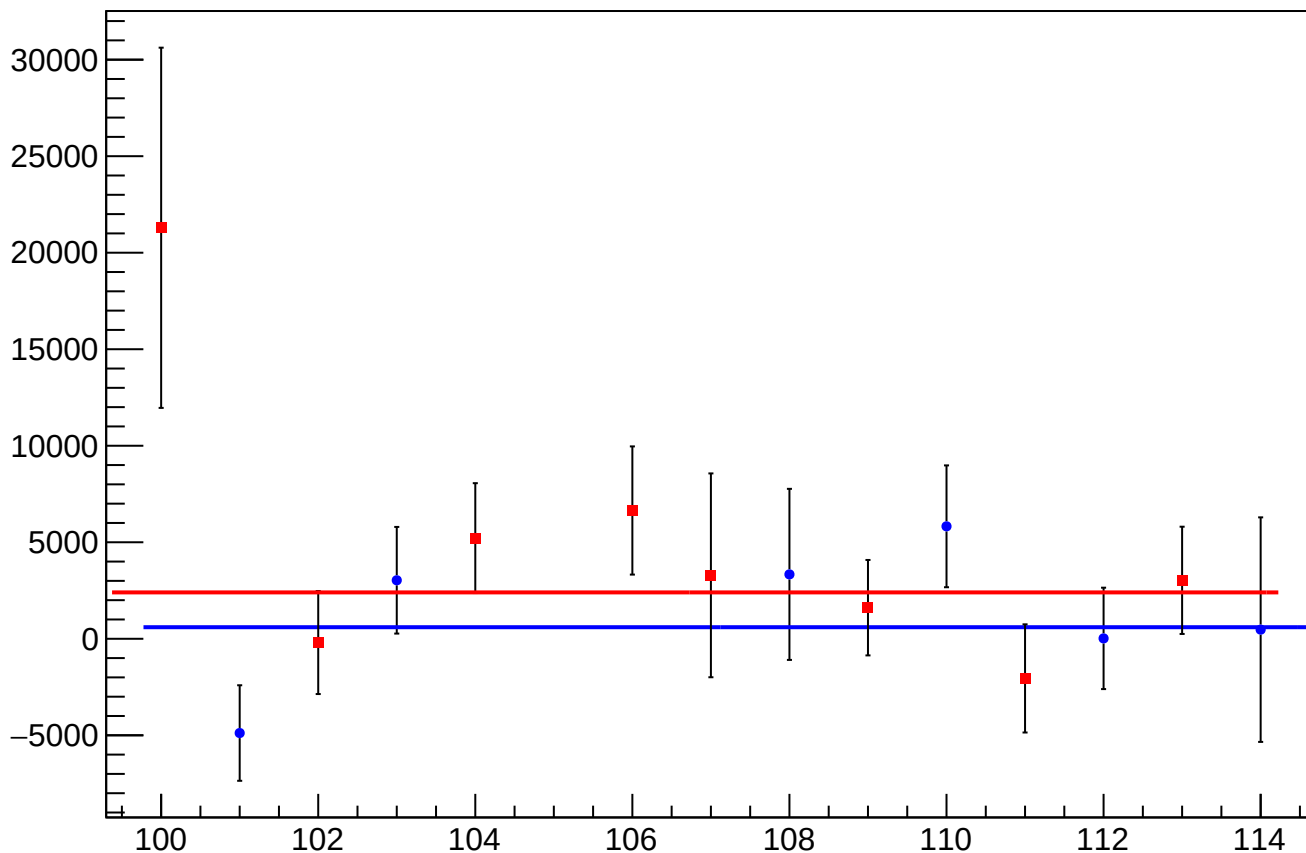
Right: 228.051+/-0.068 χ^2/NDF : 401230.8/13

In: 234.353+/-0.105 χ^2/NDF : 193472.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.051+/-0.068 χ^2/NDF : 401230.8/13

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 599.399+/-1269.778 χ^2/NDF : 8.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2402.644+/-1102.532 χ^2/NDF : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

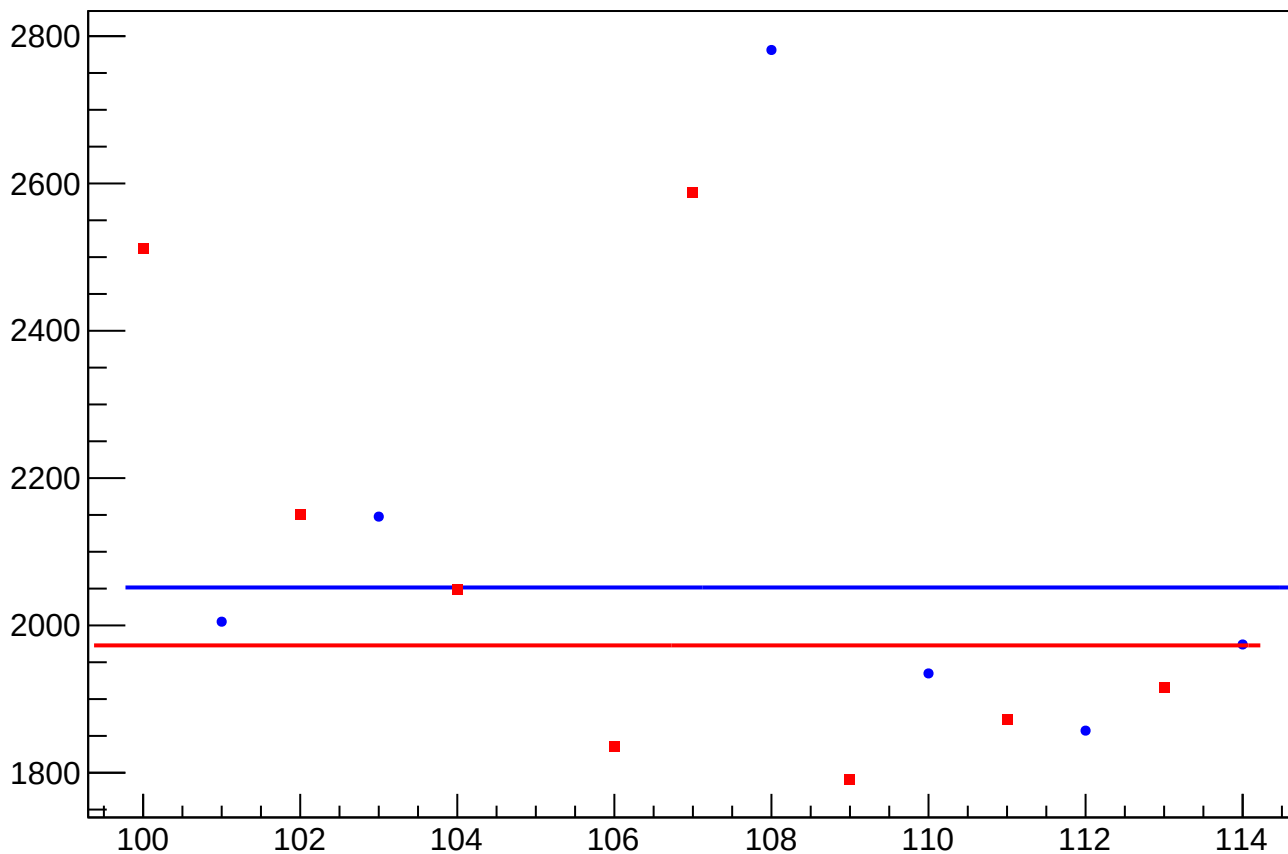
Right: 1627.520+/-832.504 χ^2/NDF : 20.4/13

In: 599.399+/-1269.778 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1627.520+/-832.504 χ^2/NDF : 20.4/13

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

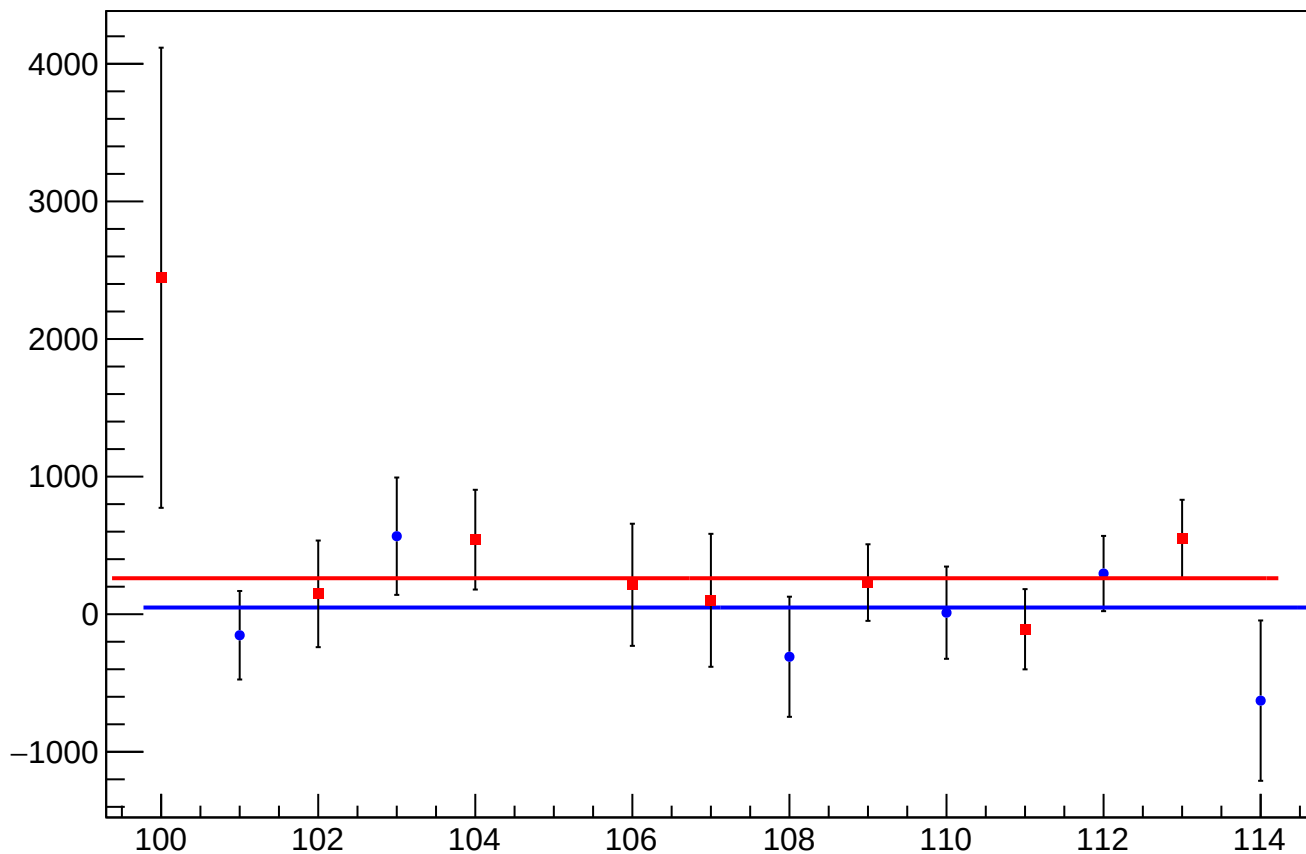
Right: 2006.692 $\pm$ 0.589 χ^2 /NDF: 137562.8/13

In: 2051.534 $\pm$ 0.898 χ^2 /NDF: 71410.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2006.692 $\pm$ 0.589 χ^2 /NDF: 137562.8/13

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 48.672 $\pm$ 148.033 χ^2 /NDF: 4.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 261.494 $\pm$ 127.982 χ^2 /NDF: 5.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

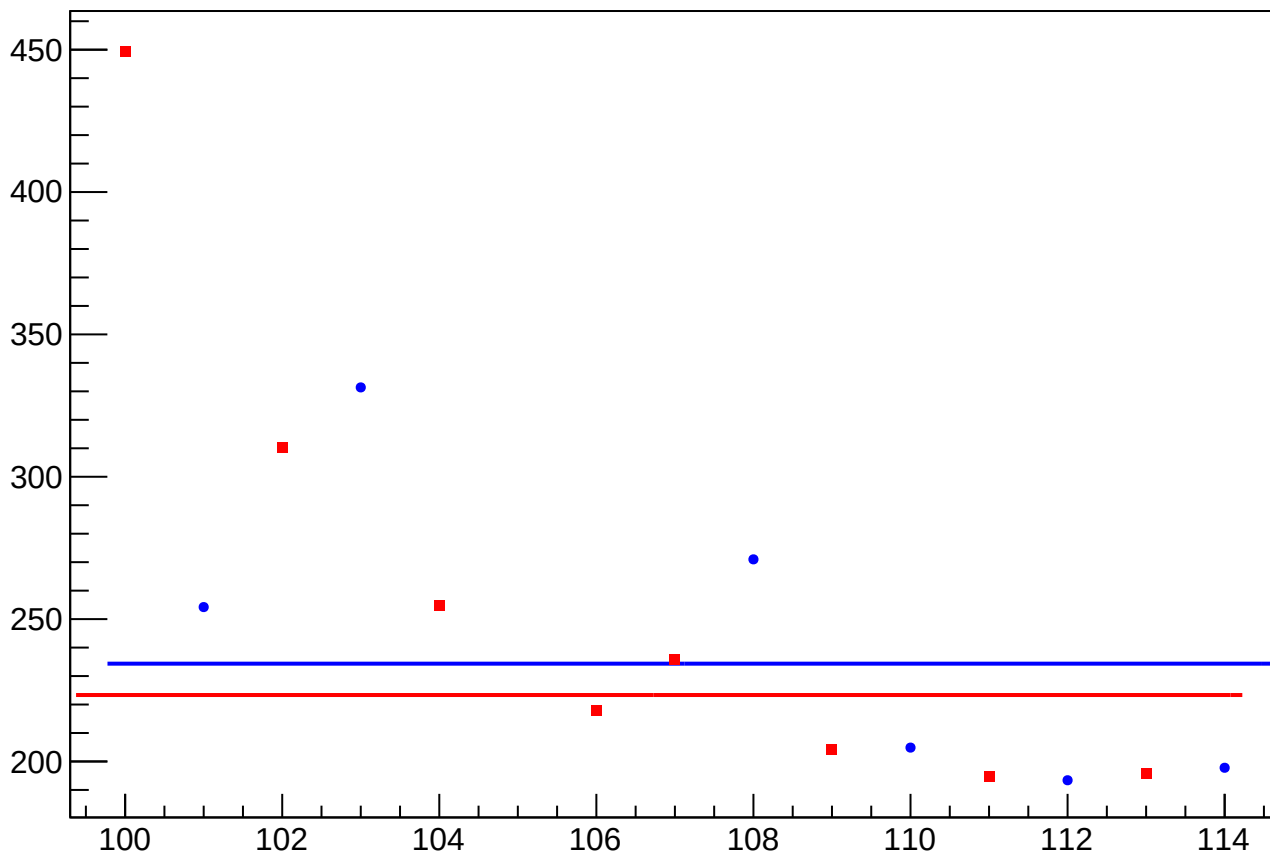
Right: 170.462 $\pm$ 96.816 χ^2 /NDF: 11.1/13

In: 48.672 $\pm$ 148.033 χ^2 /NDF: 4.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 170.462 $\pm$ 96.816 χ^2 /NDF: 11.1/13

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

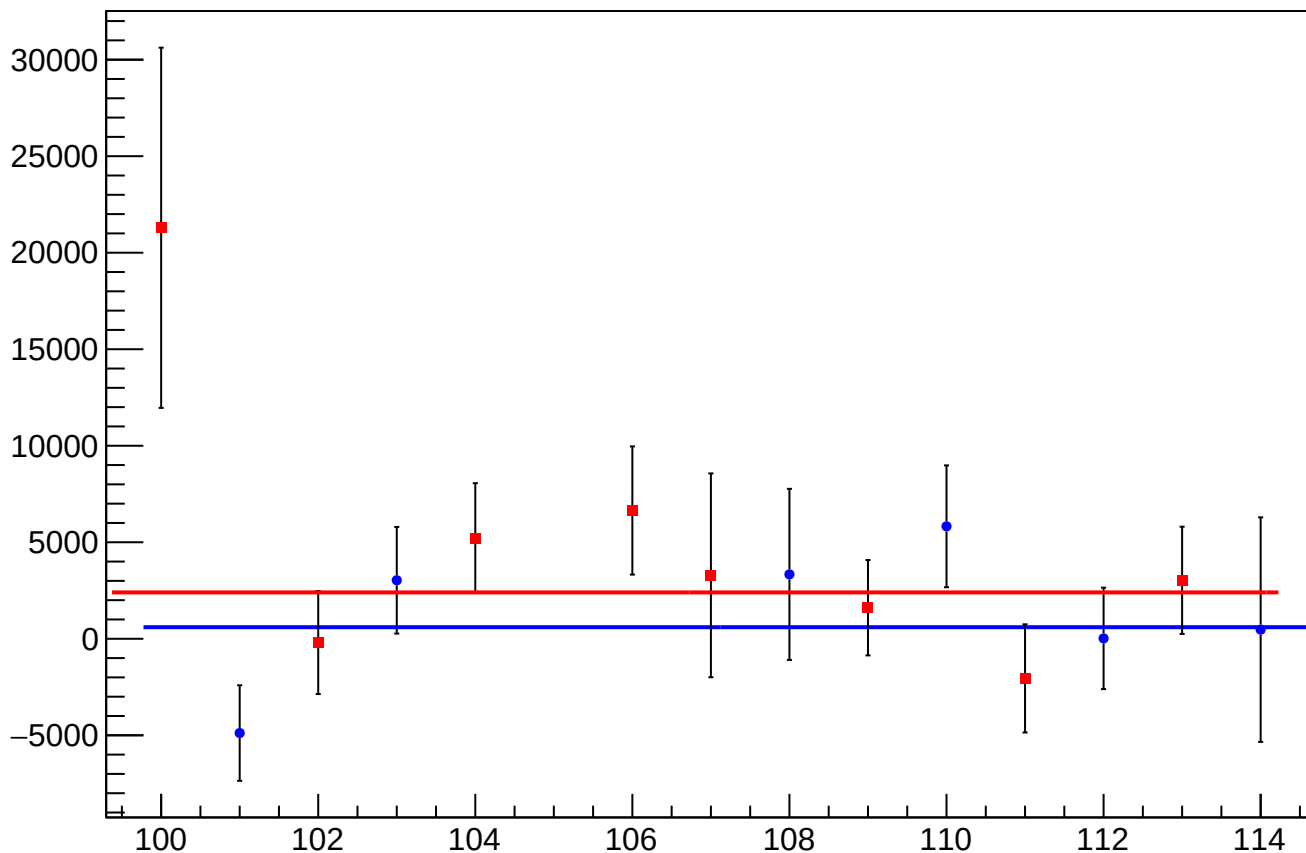
Right: 228.051+/-0.068 χ^2/NDF : 401236.6/13

In: 234.353+/-0.105 χ^2/NDF : 193477.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.051+/-0.068 χ^2/NDF : 401236.6/13

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

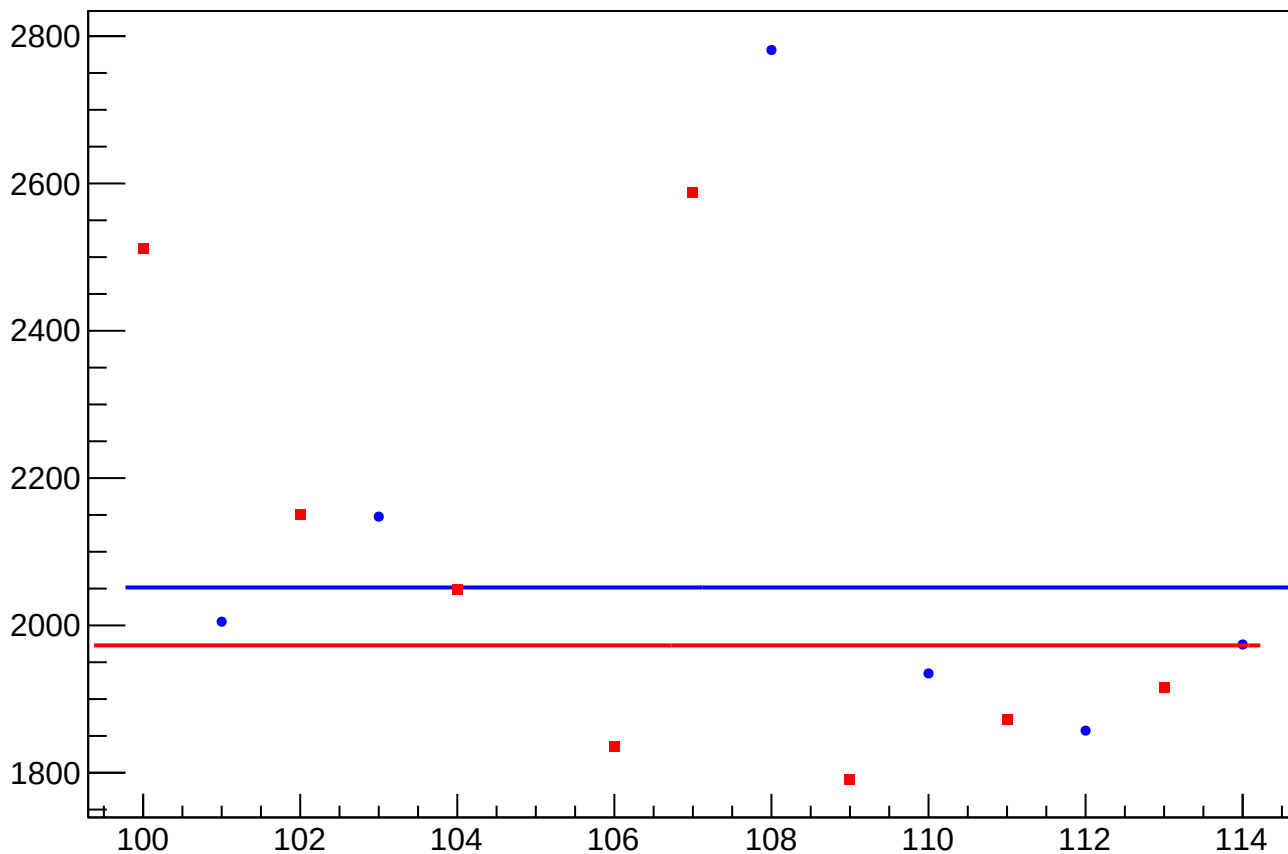
Right: 1627.519+/-832.503 χ^2/NDF : 20.4/13

In: 599.400+/-1269.778 χ^2/NDF : 8.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1627.519+/-832.503 χ^2/NDF : 20.4/13

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2051.533+/-0.898 χ^2/NDF : 71410.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.883+/-0.780 χ^2/NDF : 61778.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

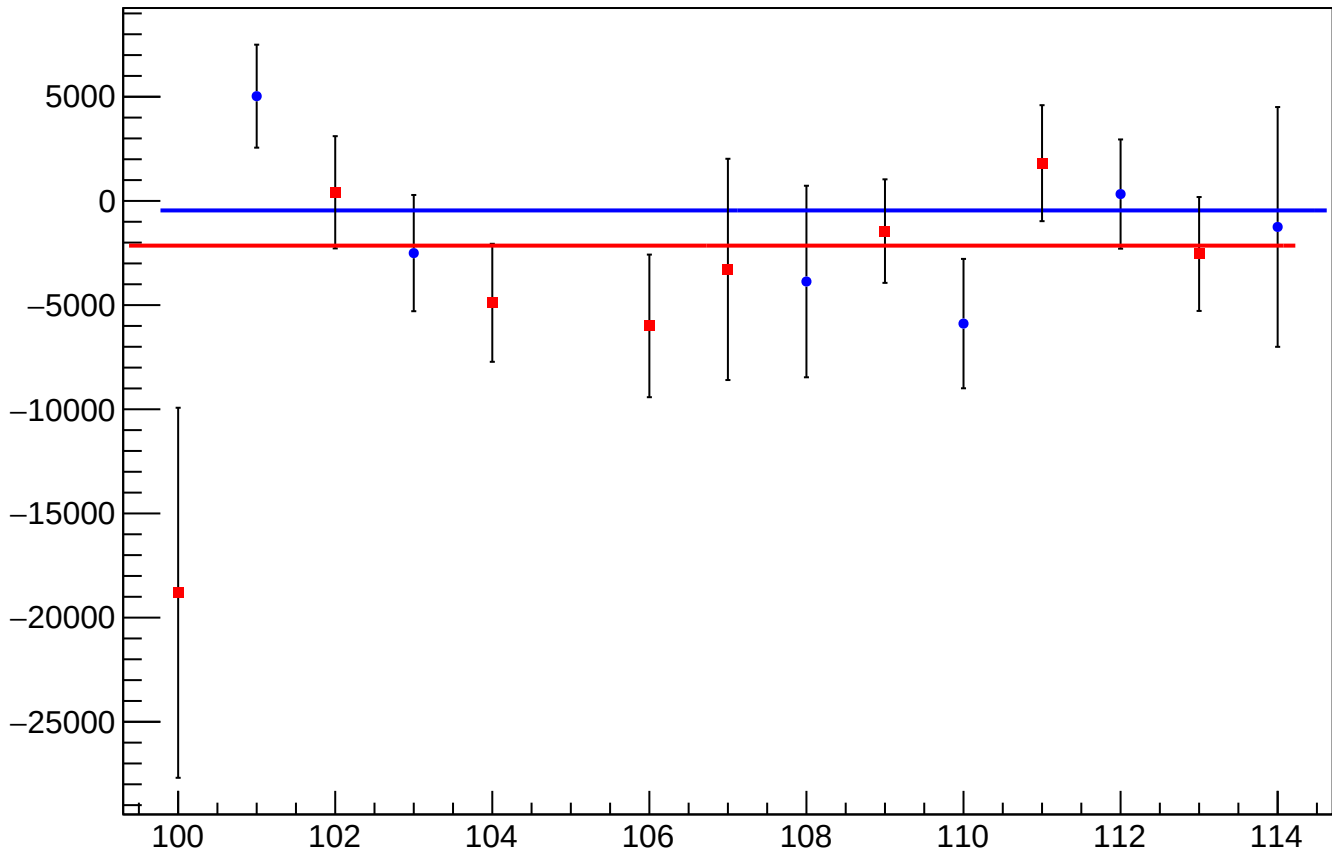
Right: 2006.691+/-0.589 χ^2/NDF : 137564.1/13

In: 2051.533+/-0.898 χ^2/NDF : 71410.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.691+/-0.589 χ^2/NDF : 137564.1/13

asym_sam4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

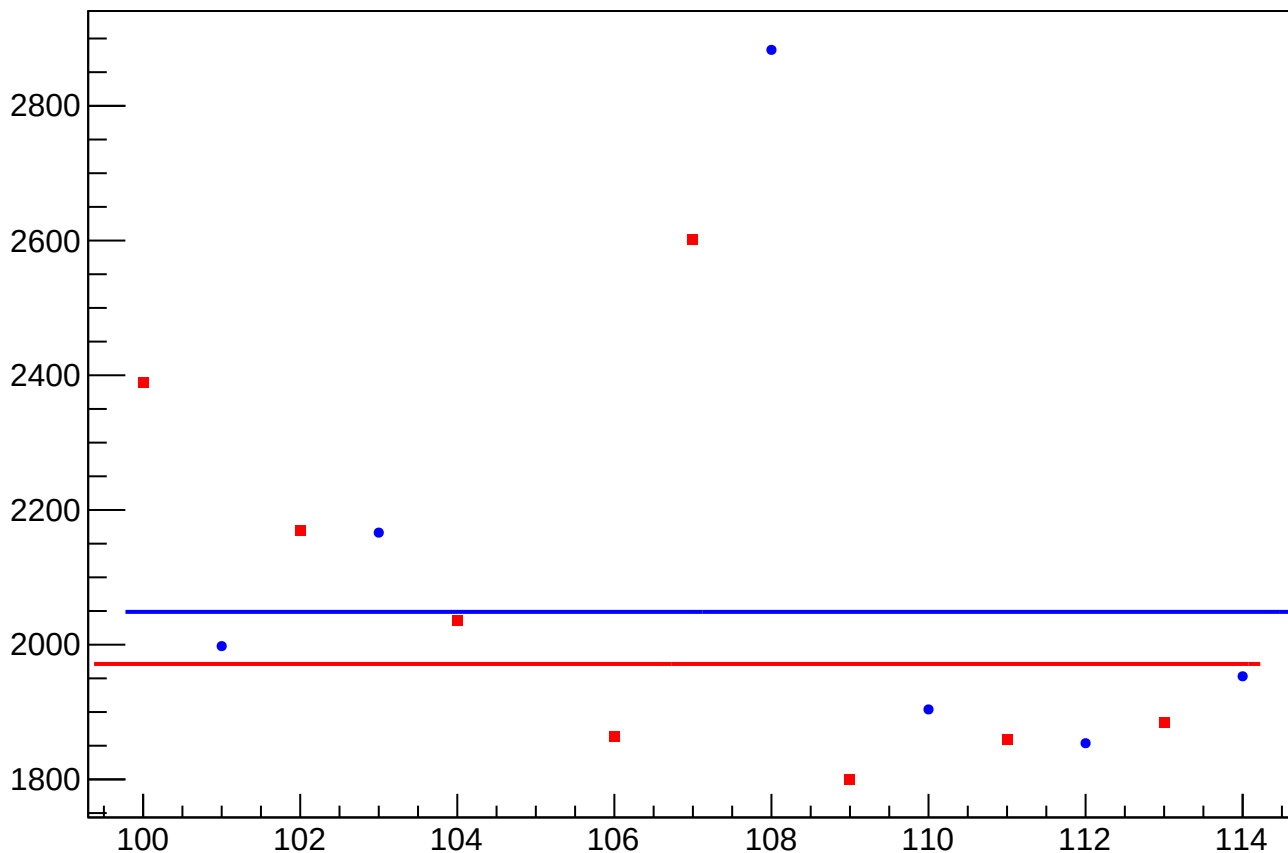
Right: -1419.006+/-833.344 χ^2/NDF : 19.0/13

In: -455.941+/-1271.022 χ^2/NDF :9.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1419.006+/-833.344 χ^2/NDF : 19.0/13

asym_sam4_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

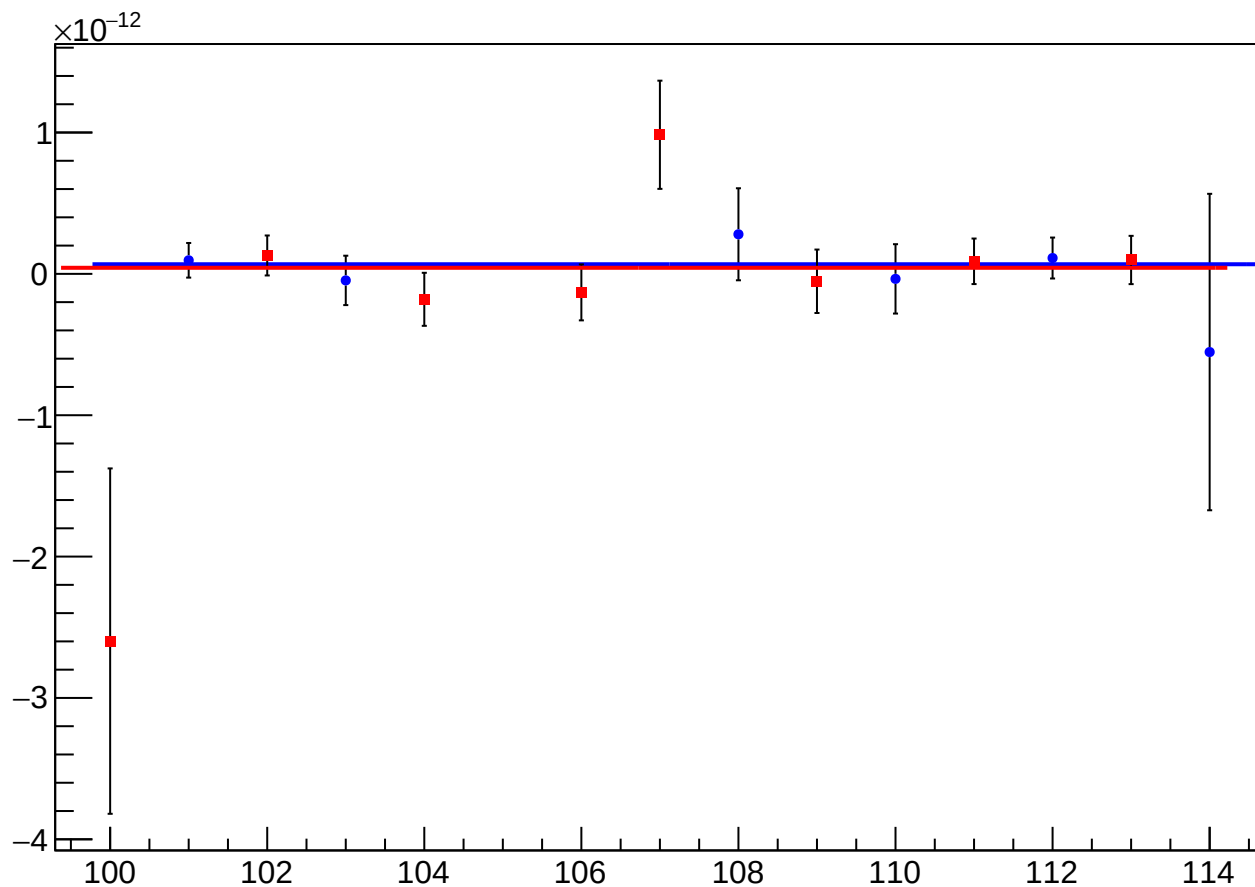
Right: 2004.639+/-0.589 χ^2/NDF : 151786.5/13

In: 2048.721+/-0.899 χ^2/NDF : 86272.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.639+/-0.589 χ^2/NDF : 151786.5/13

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

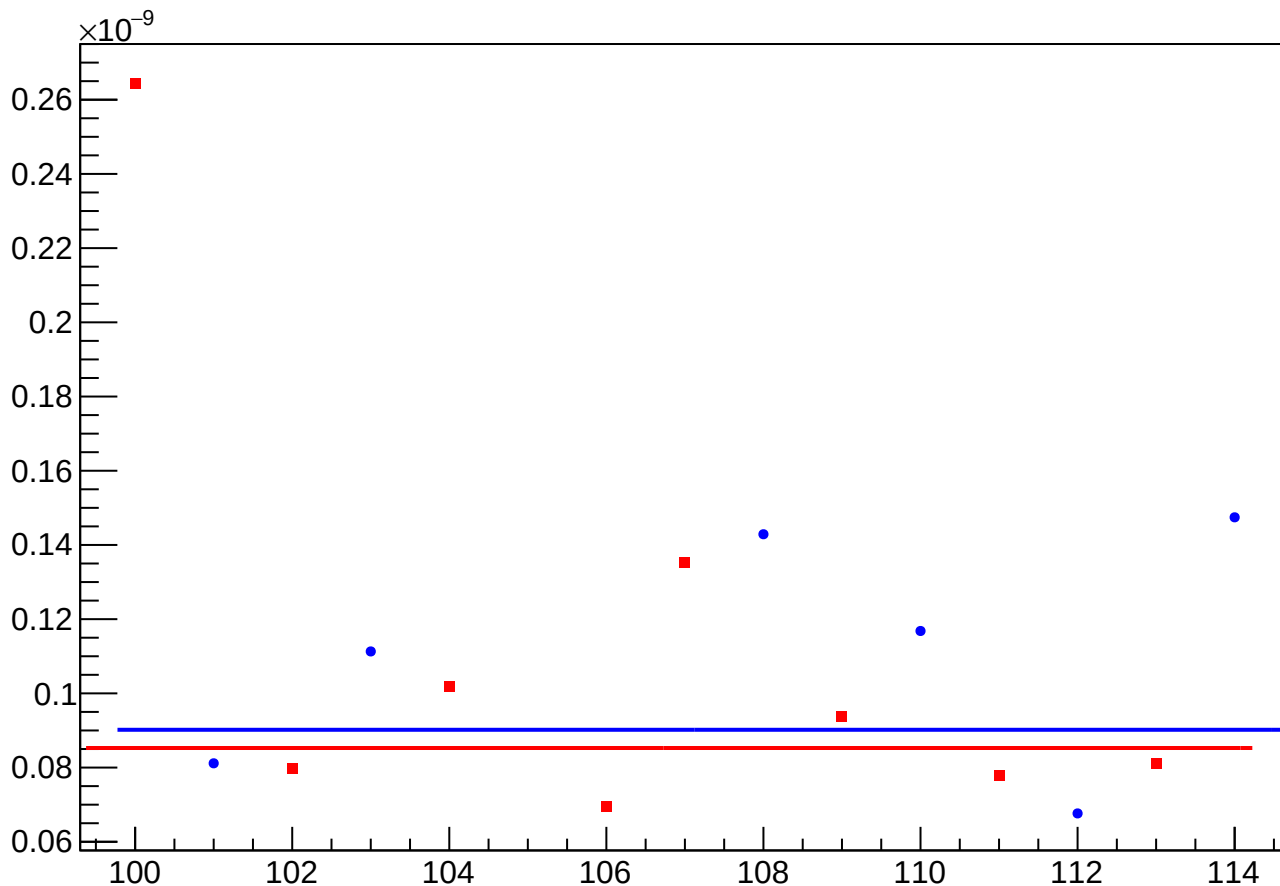
Right: 0.000+/-0.000 χ^2/NDF : 15.2/13

In: 0.000+/-0.000 χ^2/NDF : 1.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.2/13

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

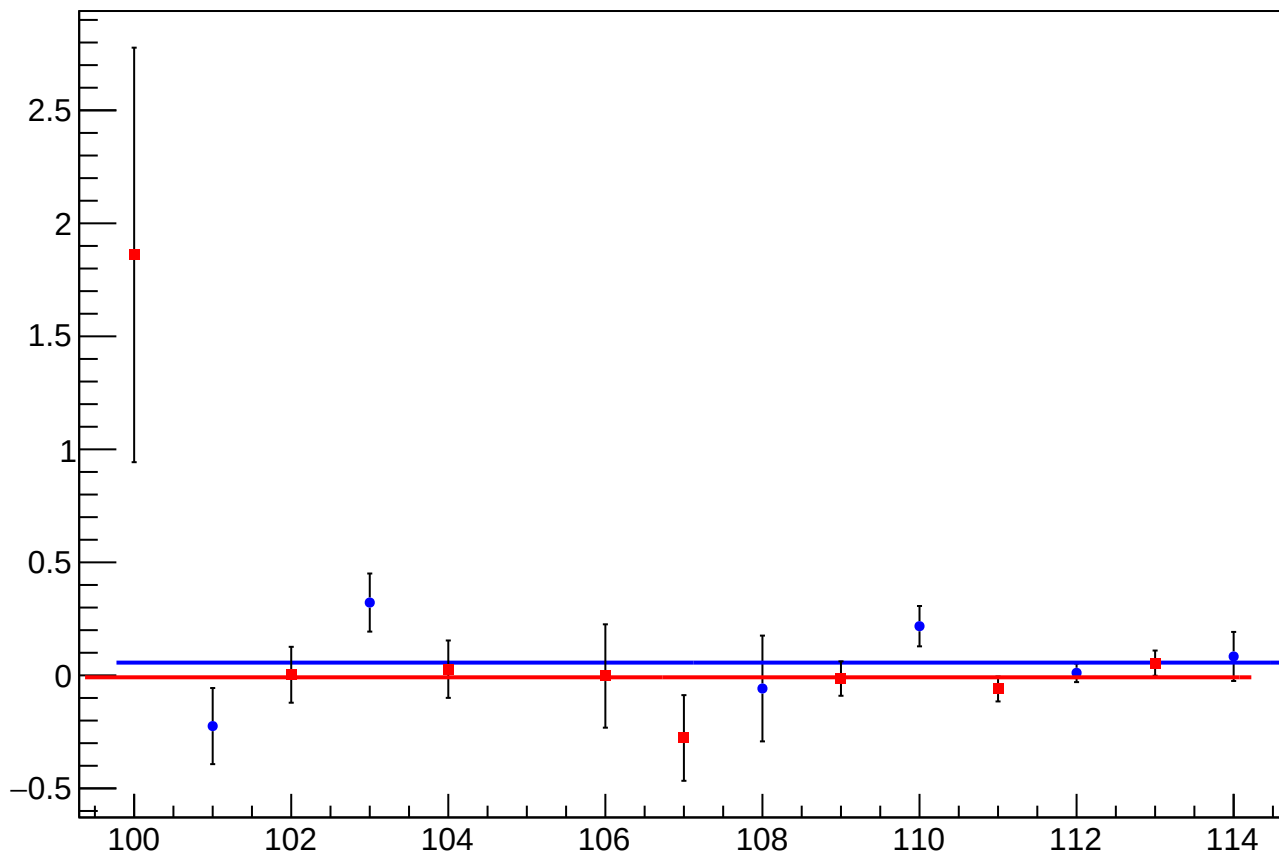
Right: 0.000+/-0.000 χ^2/NDF : 291162.2/13

In: 0.000+/-0.000 χ^2/NDF : 169773.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 291162.2/13

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.033 χ^2/NDF : 11.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.032 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

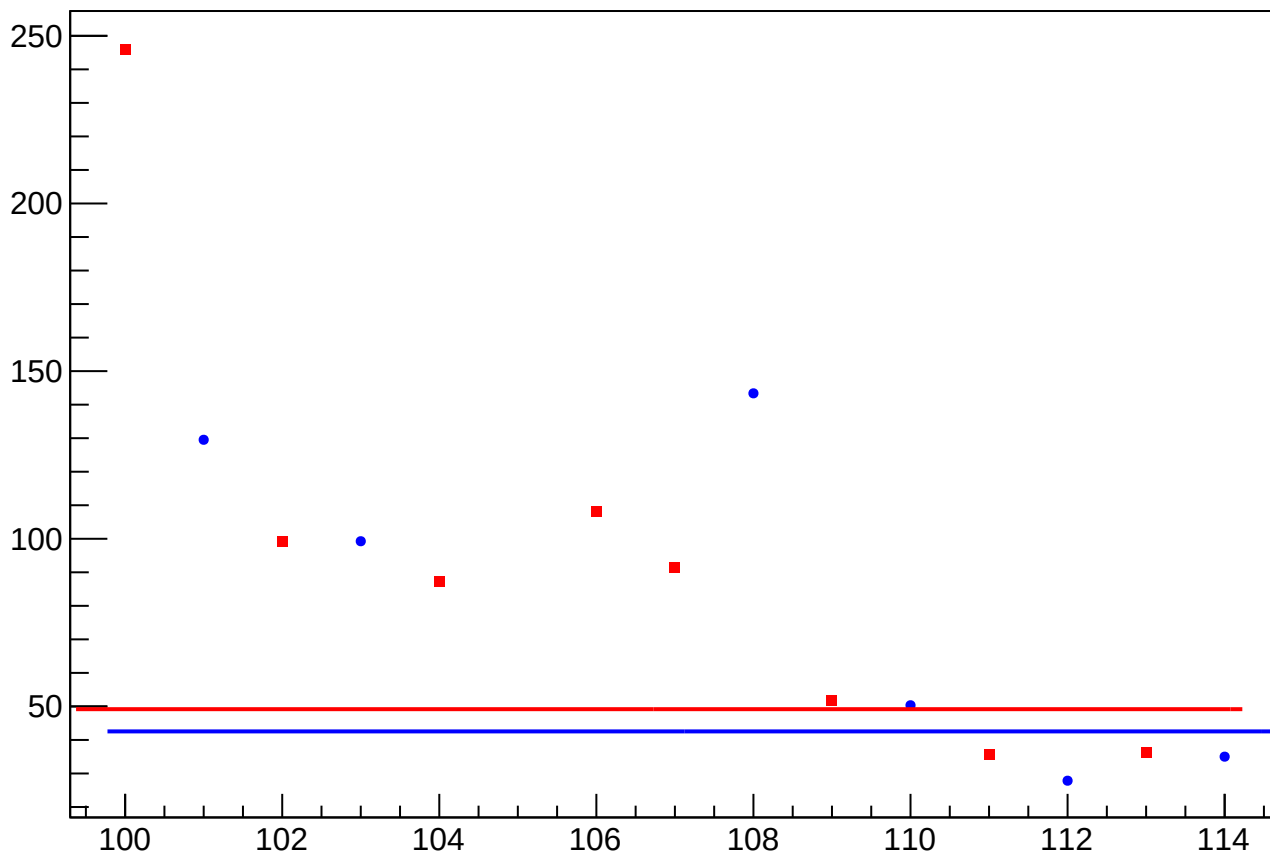
Right: 0.023+/-0.023 χ^2/NDF : 22.2/13

In: 0.056+/-0.033 χ^2/NDF : 11.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.023 χ^2/NDF : 22.2/13

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

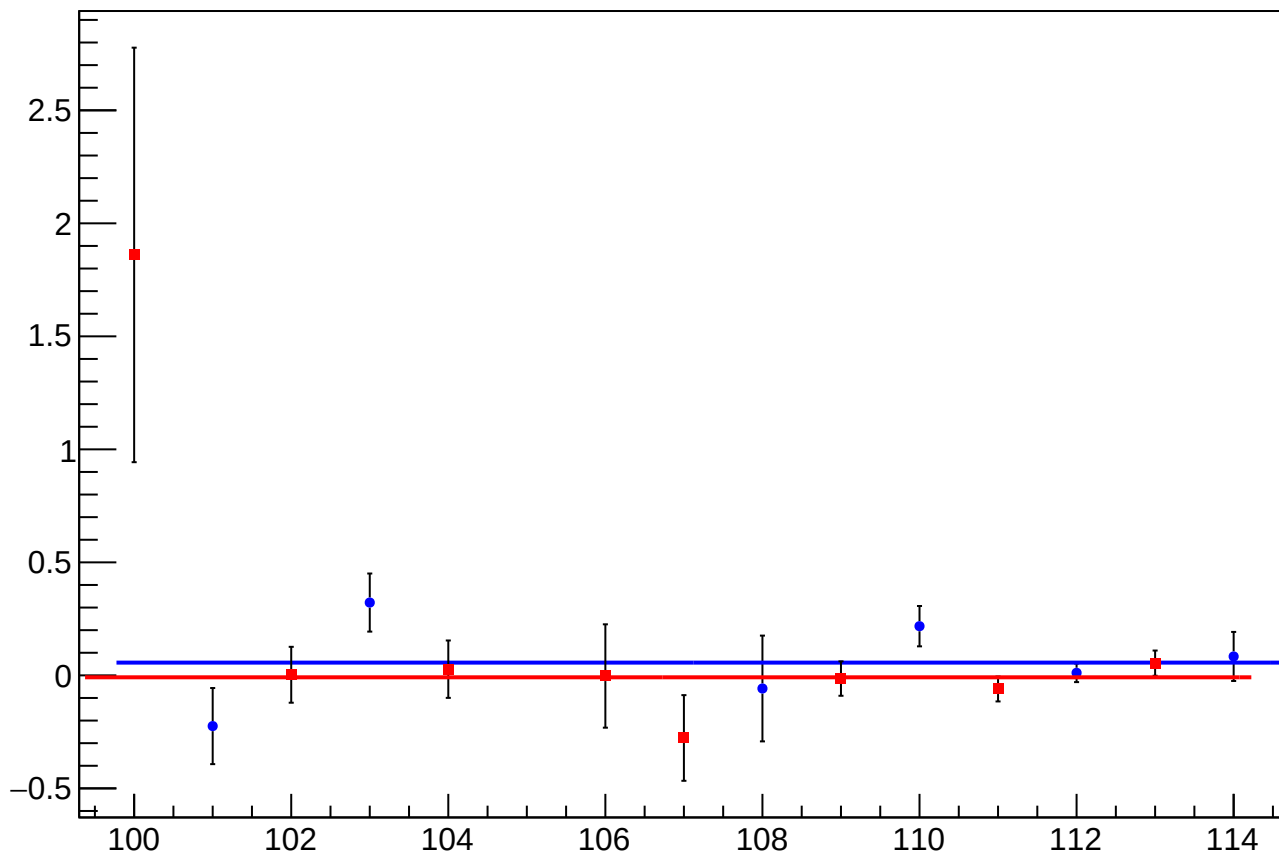
Right: 46.011+/-0.016 χ^2/NDF : 2682284.3/13

In: 42.551+/-0.023 χ^2/NDF : 1574766.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.011+/-0.016 χ^2/NDF : 2682284.3/13

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.033 χ^2/NDF : 11.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.032 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

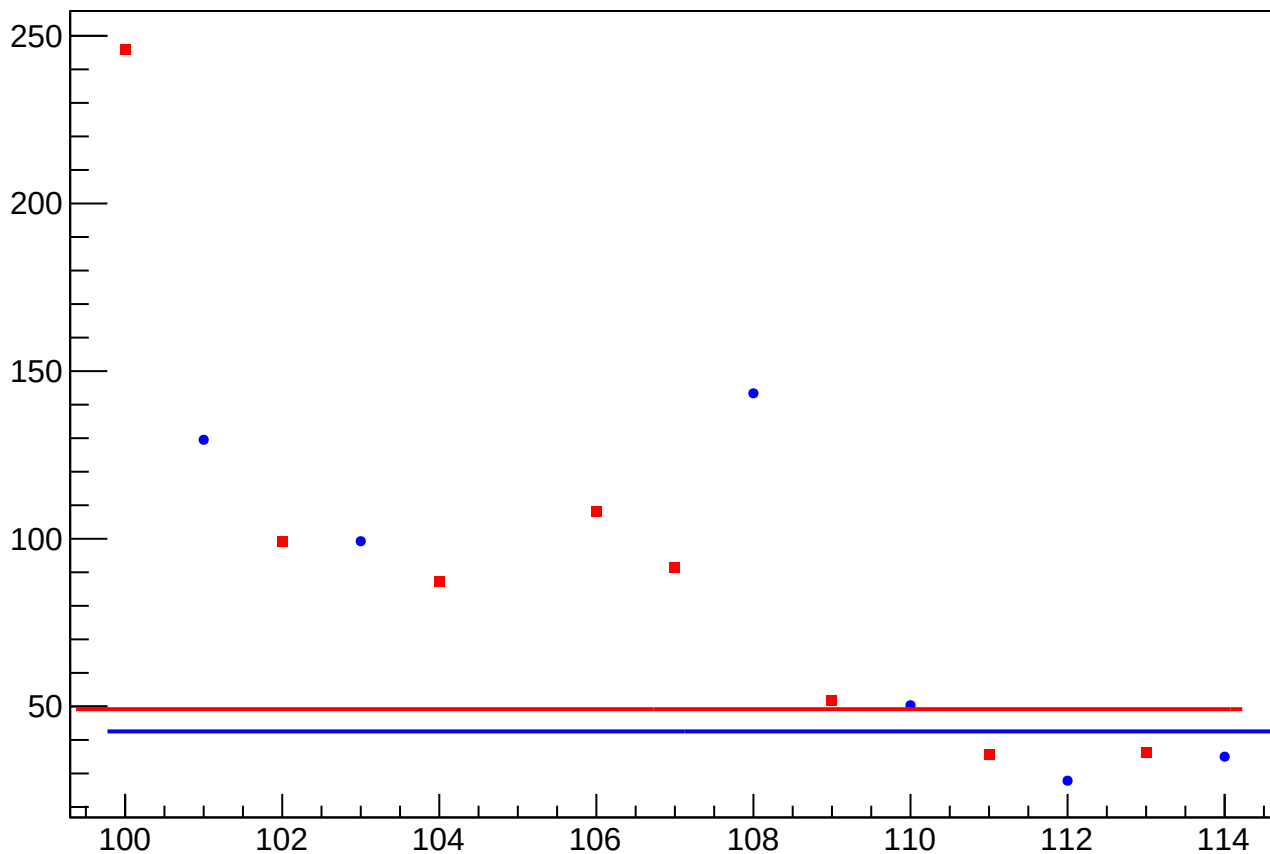
Right: 0.023+/-0.023 χ^2/NDF : 22.2/13

In: 0.056+/-0.033 χ^2/NDF : 11.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.023 χ^2/NDF : 22.2/13

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

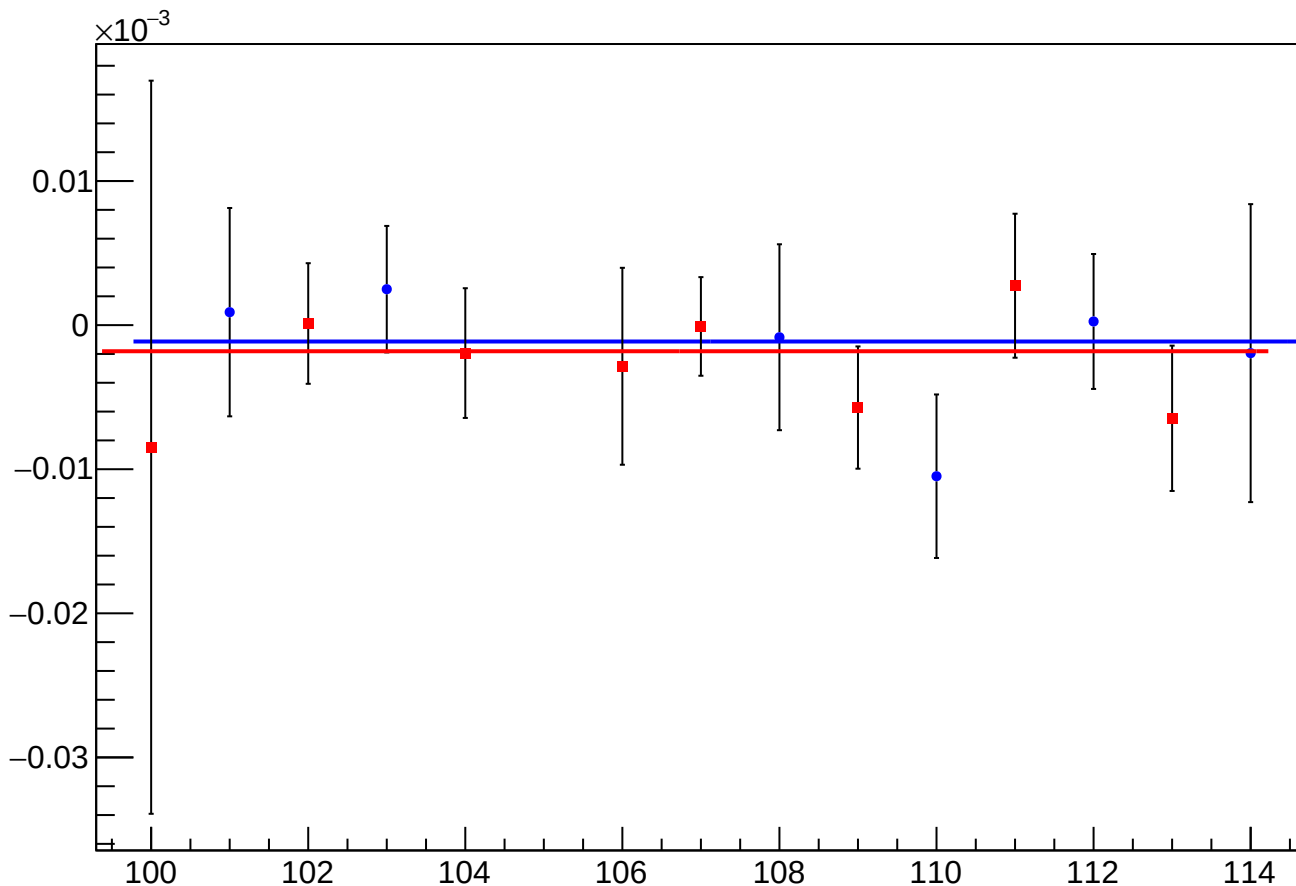
Right: 46.011+/-0.016 χ^2/NDF : 2682284.3/13

In: 42.551+/-0.023 χ^2/NDF : 1574766.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.011+/-0.016 χ^2/NDF : 2682284.3/13

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

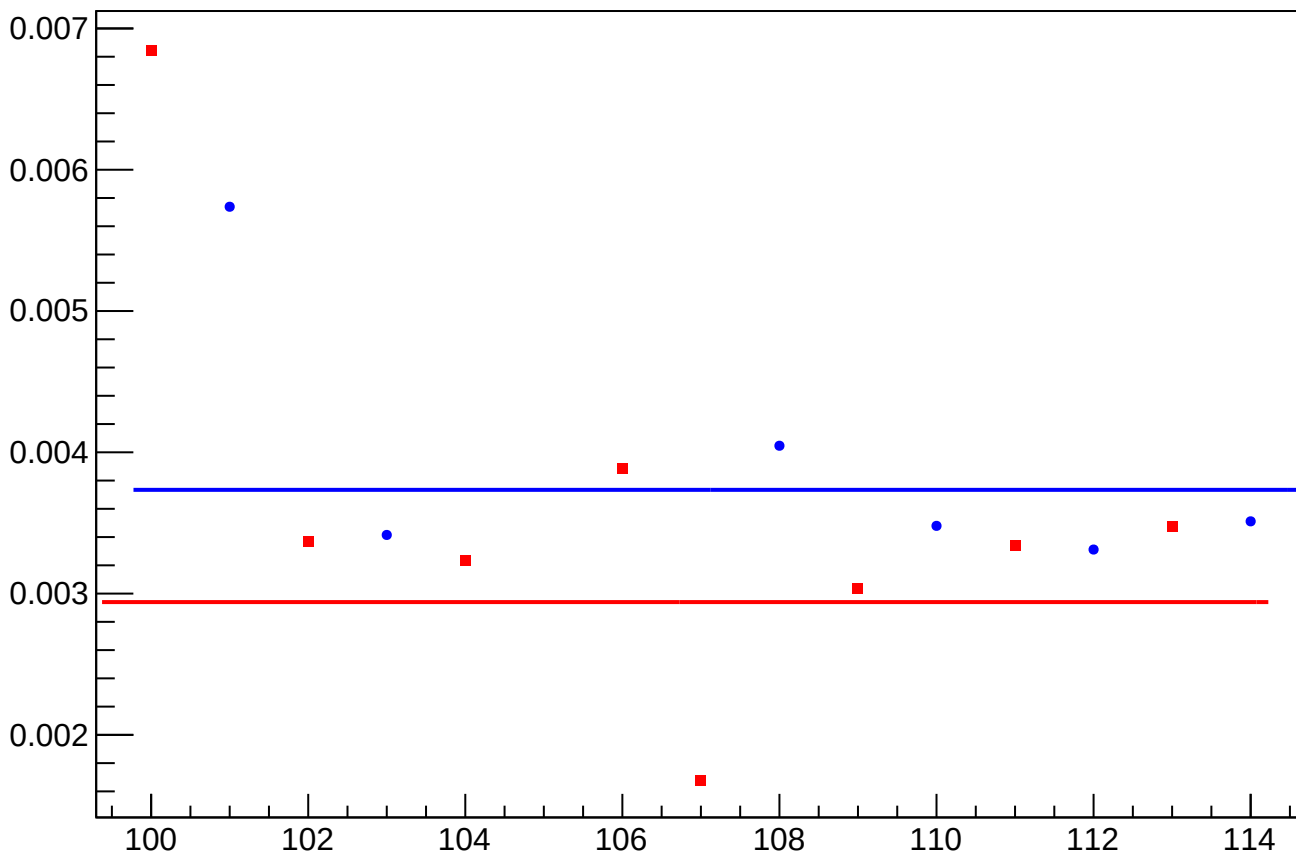
Right: -0.000+/-0.000 χ^2/NDF : 6.7/13

In: -0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/13

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 190151.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 423636.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

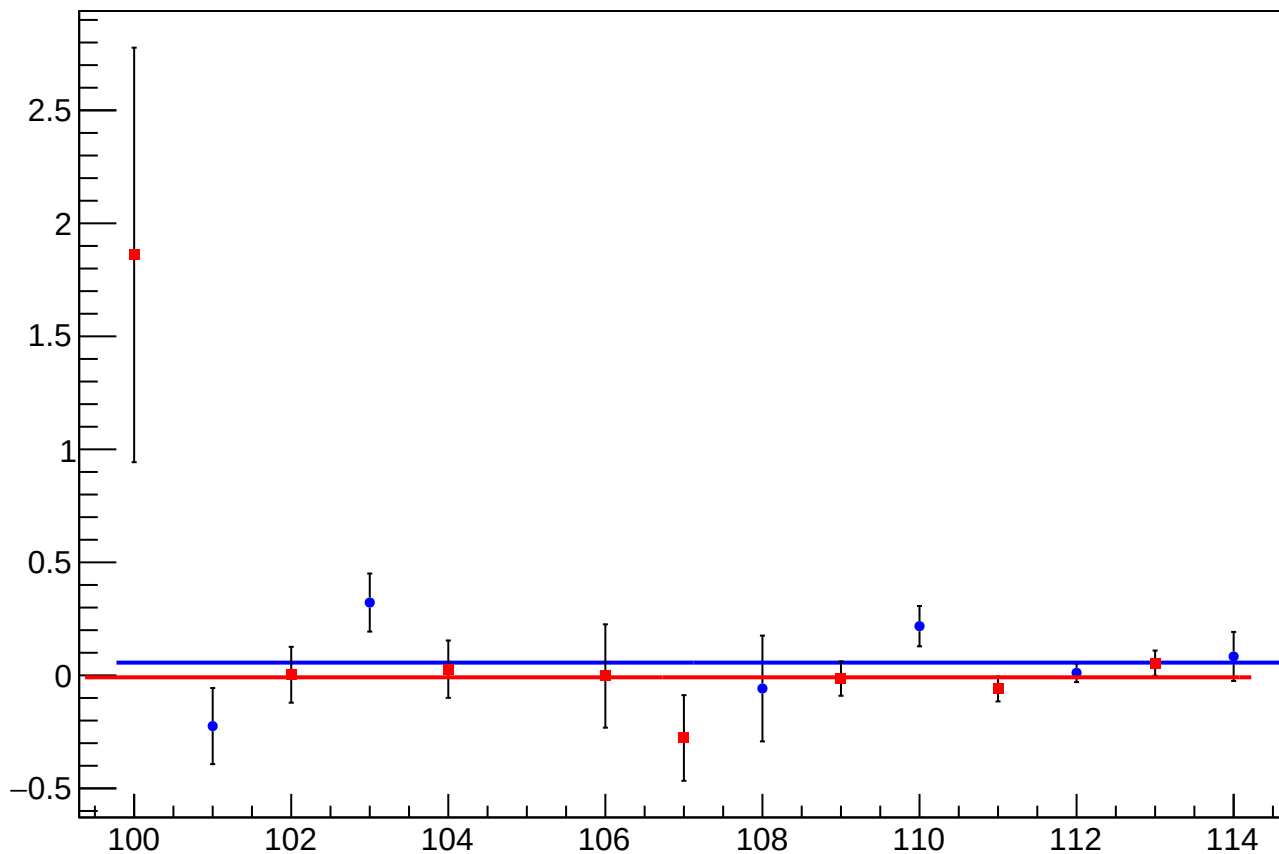
Right: 0.003+/-0.000 χ^2/NDF : 764385.6/13

In: 0.004+/-0.000 χ^2/NDF : 190151.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 764385.6/13

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

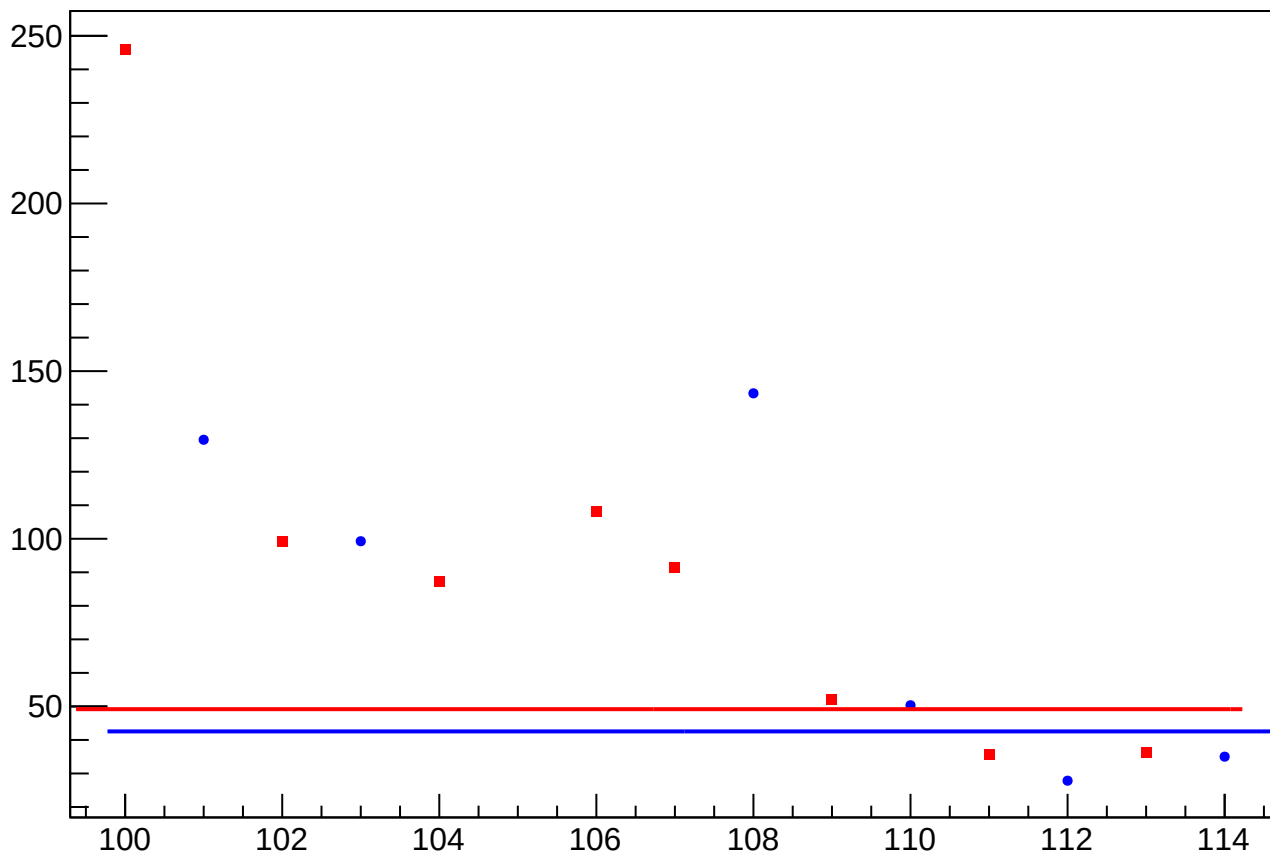
Right: 0.023 $\pm$ 0.023 χ^2 /NDF: 22.2/13

In: 0.056 $\pm$ 0.033 χ^2 /NDF:11.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.023 χ^2 /NDF: 22.2/13

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

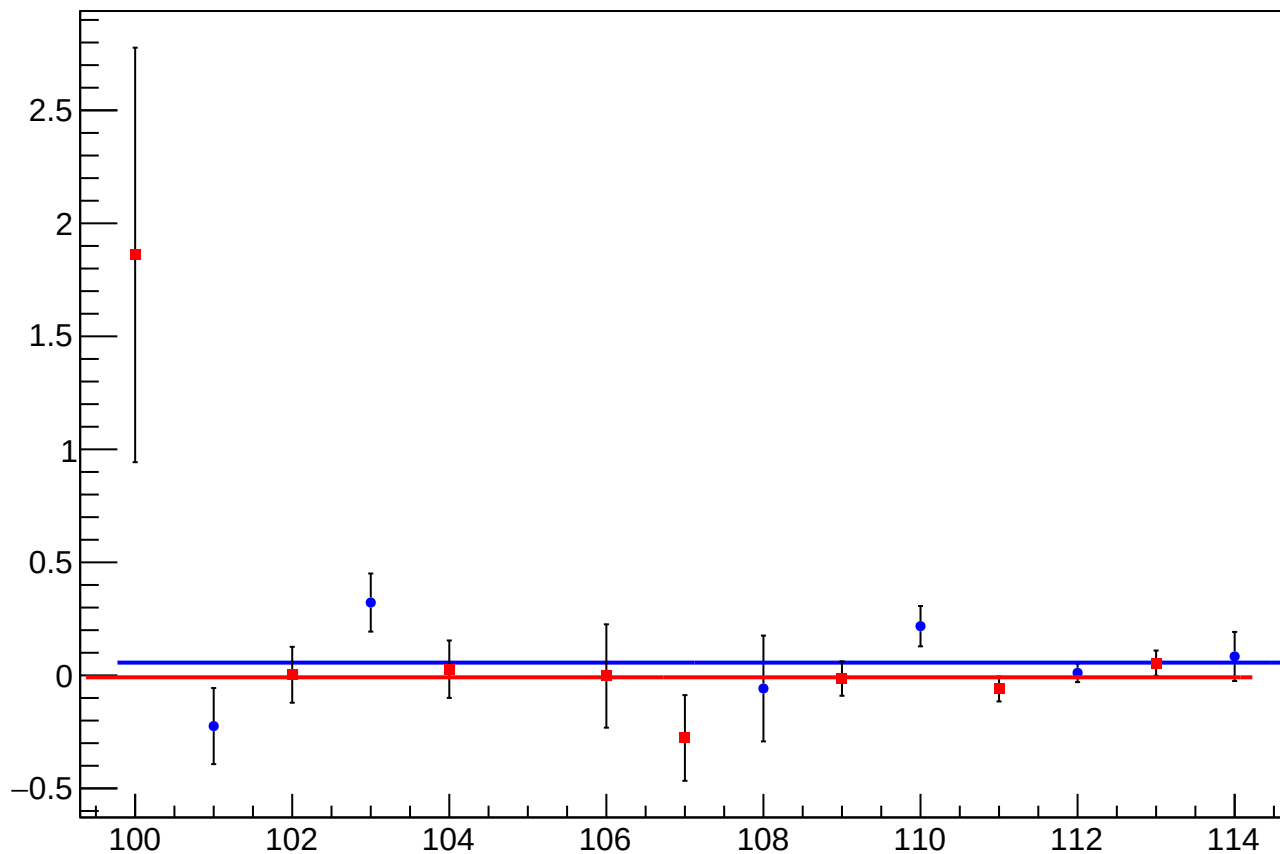
Right: 46.009+/-0.016 χ^2/NDF : 2682460.4/13

In: 42.549+/-0.023 χ^2/NDF : 1574842.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.009+/-0.016 χ^2/NDF : 2682460.4/13

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

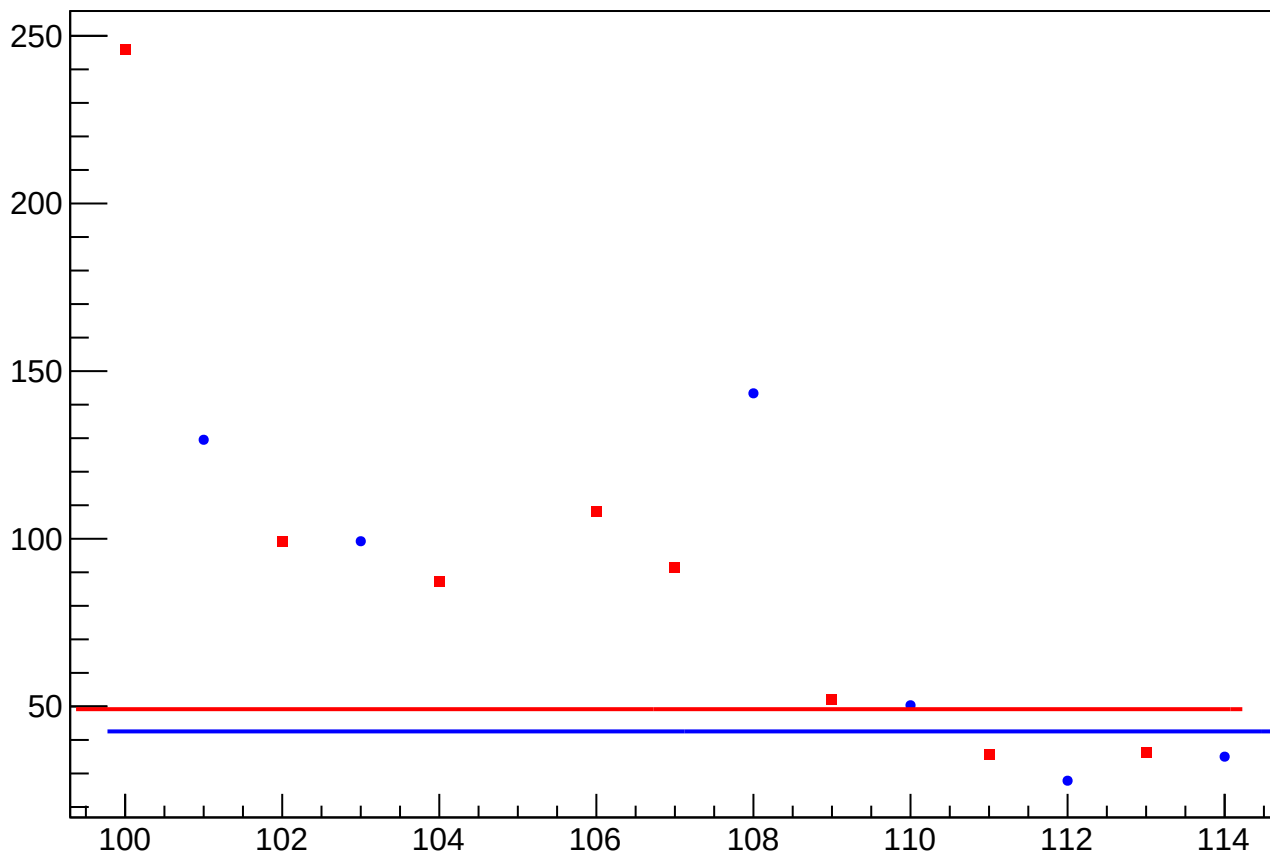
Right: 0.023 $\pm$ 0.023 χ^2 /NDF: 22.2/13

In: 0.056 $\pm$ 0.033 χ^2 /NDF:11.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.023 χ^2 /NDF: 22.2/13

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

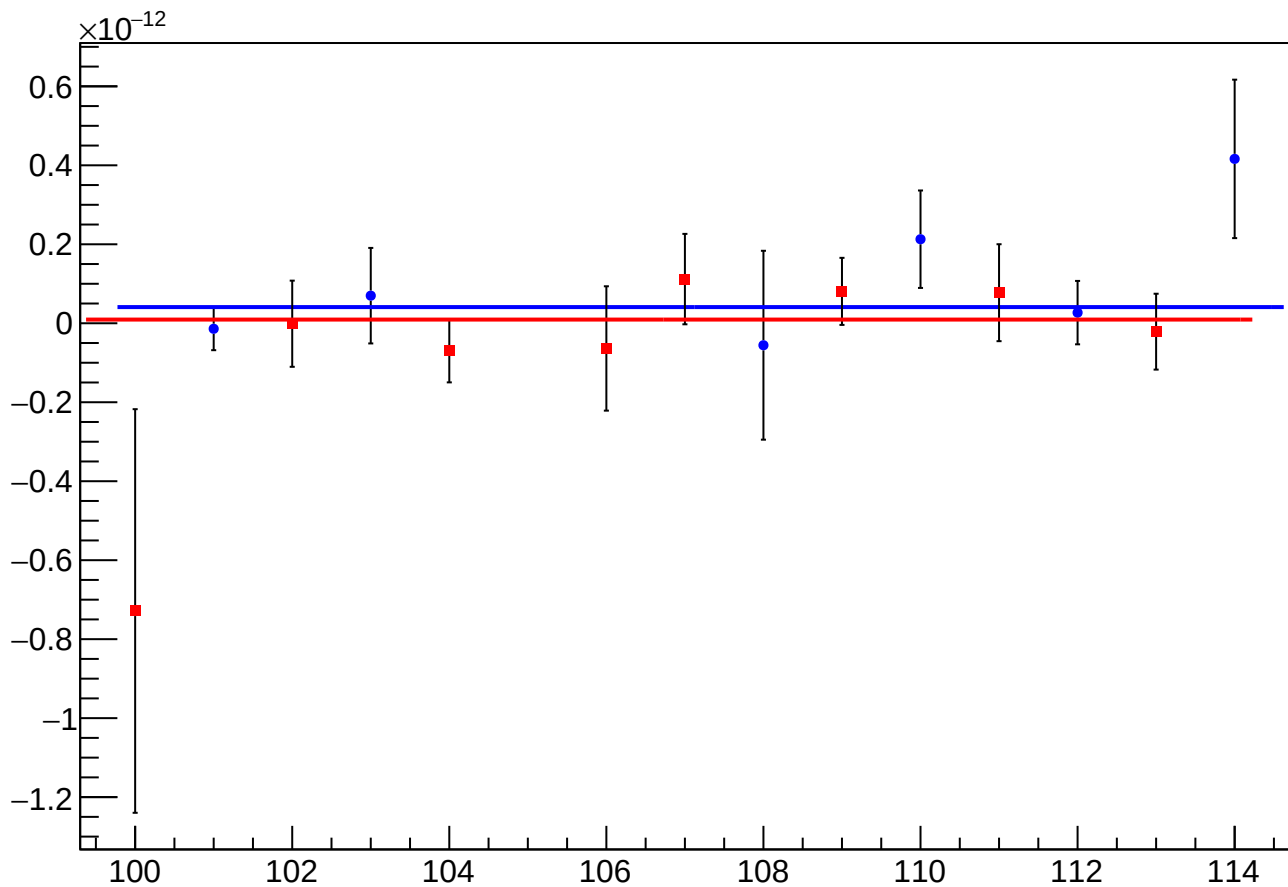
Right: 46.009+/-0.016 χ^2/NDF : 2682460.4/13

In: 42.549+/-0.023 χ^2/NDF : 1574842.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.009+/-0.016 χ^2/NDF : 2682460.4/13

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

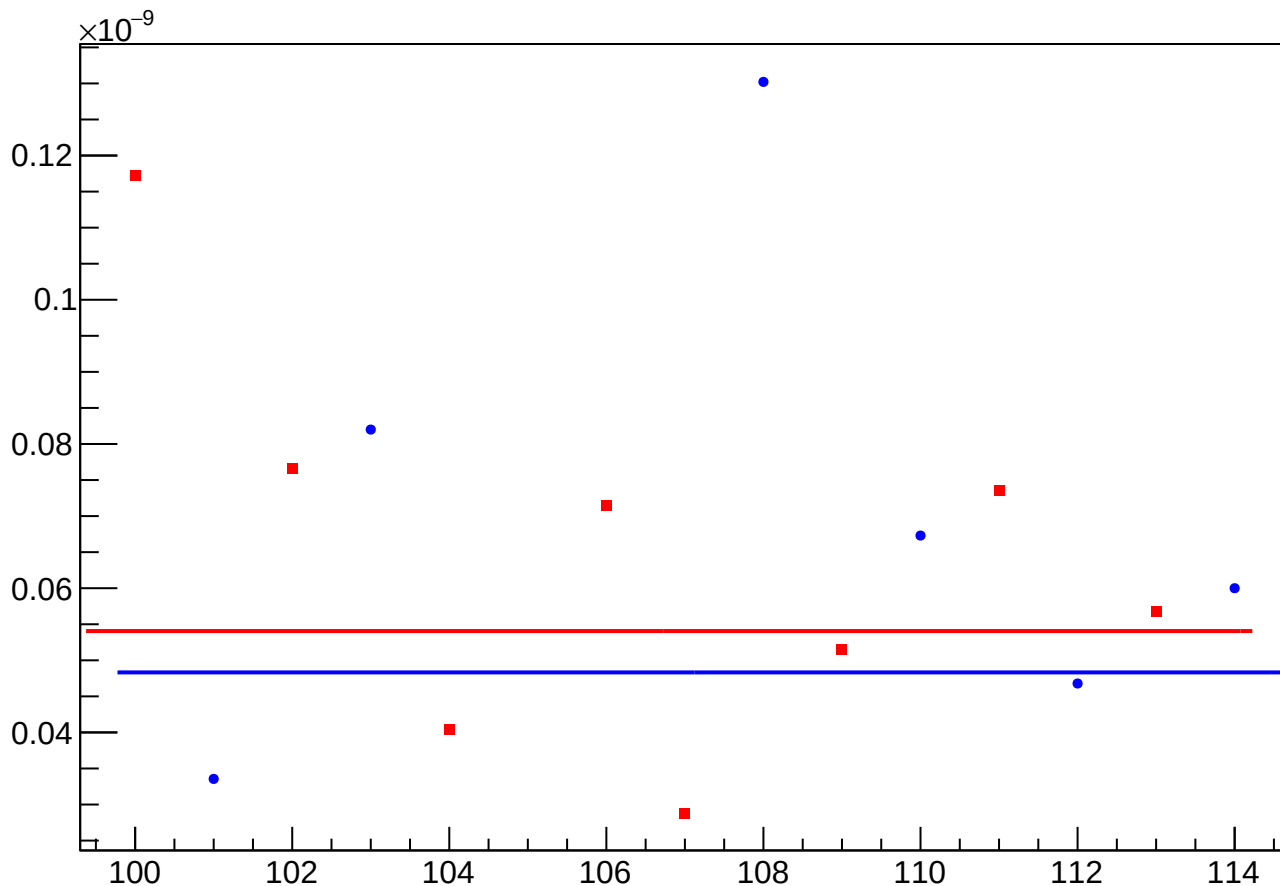
Right: 0.000+/-0.000 χ^2/NDF : 12.3/13

In: 0.000+/-0.000 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/13

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

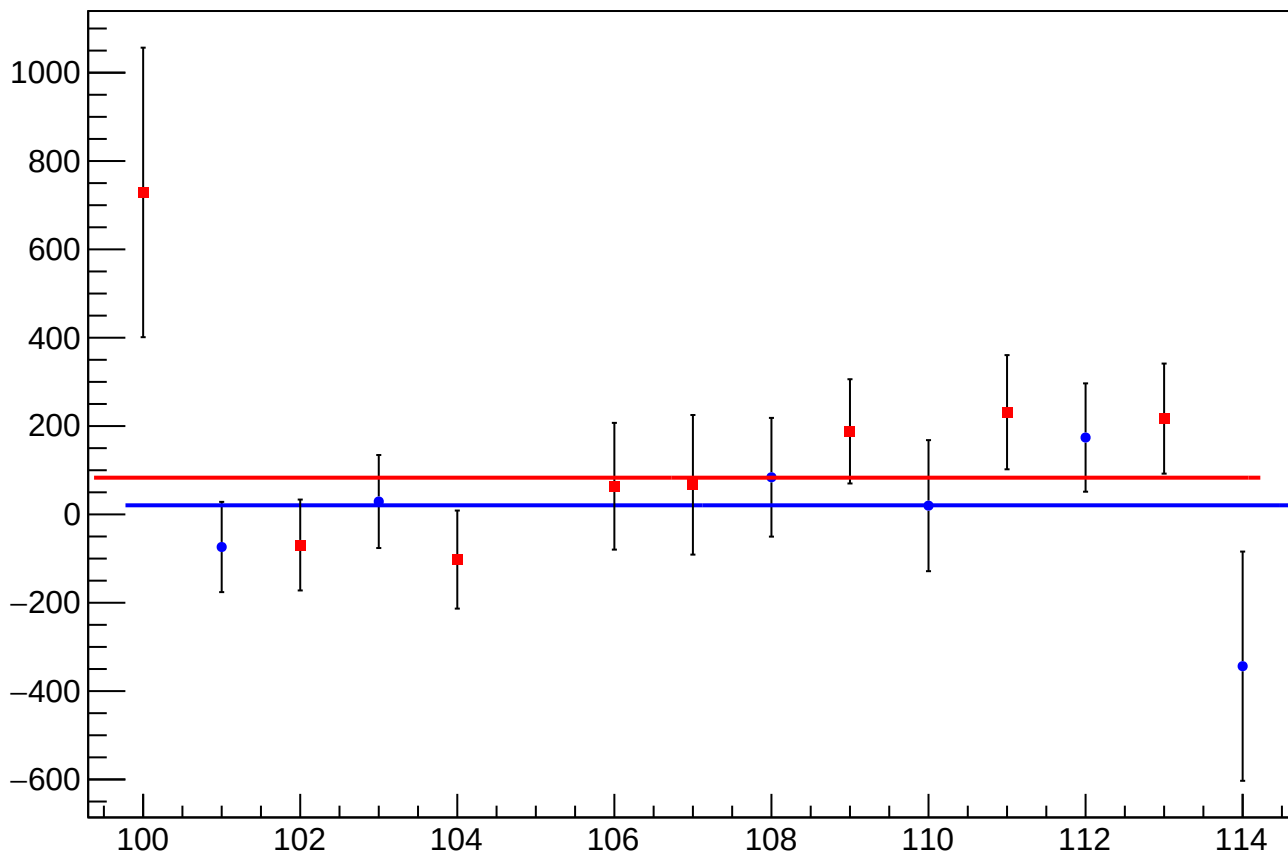
Right: 0.000+/-0.000 χ^2/NDF : 964697.8/13

In: 0.000+/-0.000 χ^2/NDF : 592981.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 964697.8/13

reg_asym_sam5_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

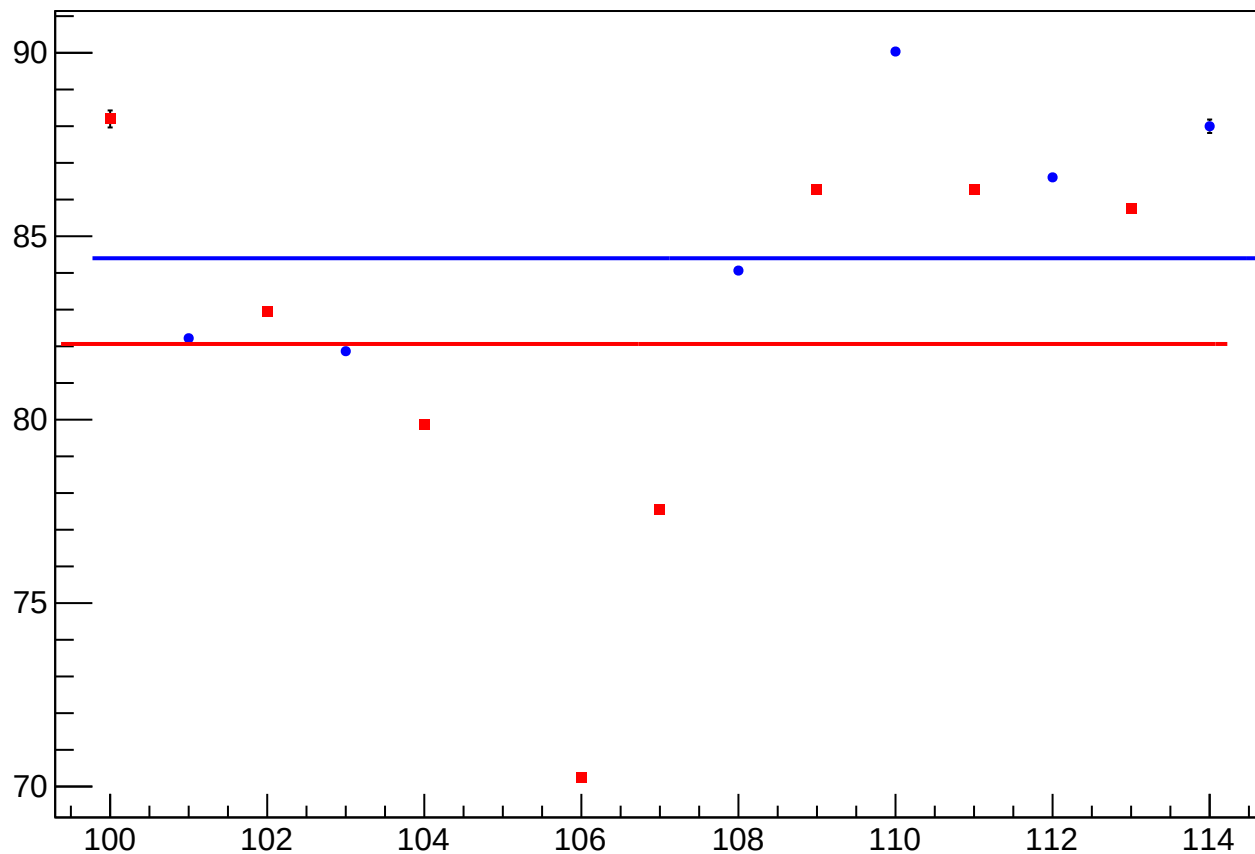
Right: 55.658 $\pm$ -34.547 χ^2 /NDF: 17.6/13

In: 20.604 $\pm$ -52.113 χ^2 /NDF:4.6/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 55.658 $\pm$ -34.547 χ^2 /NDF: 17.6/13

reg_asym_sam5_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

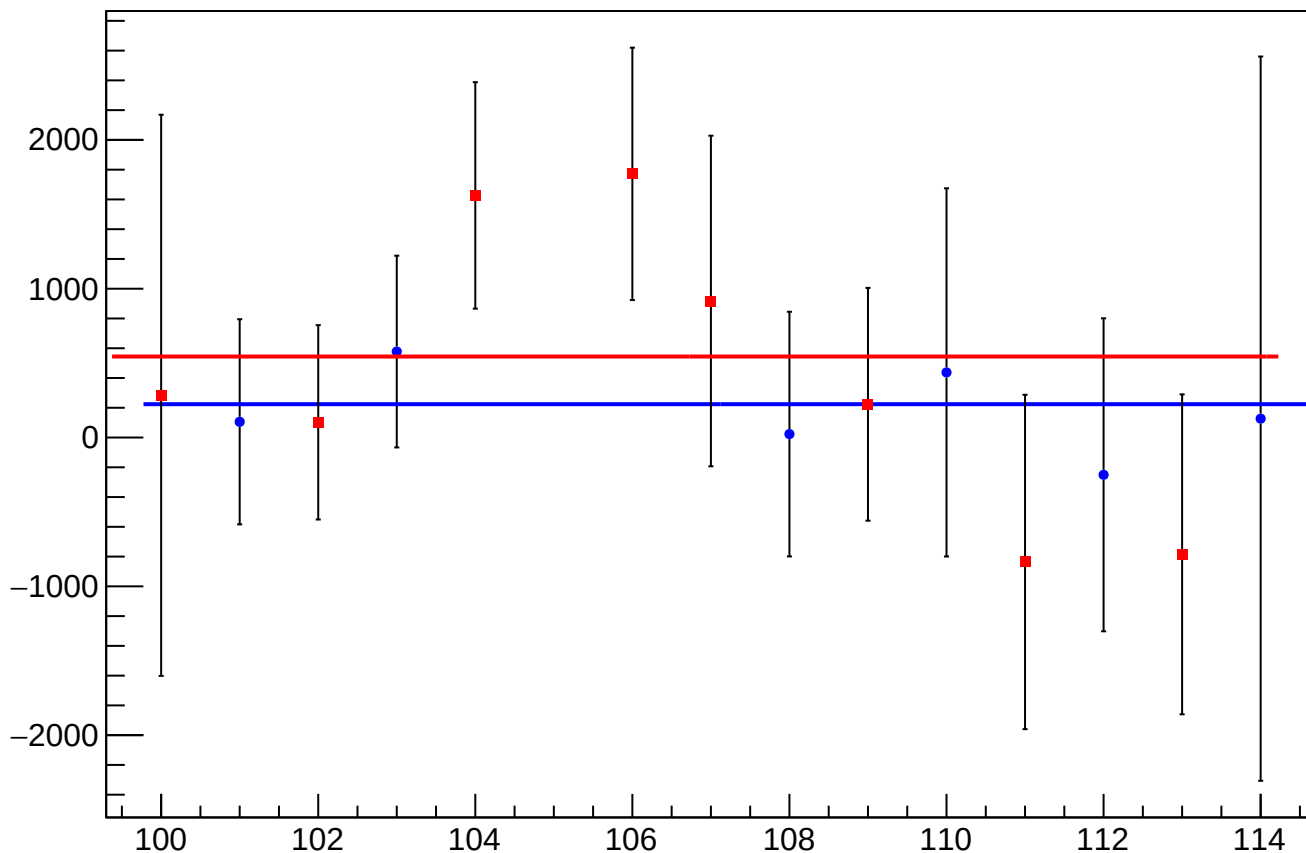
Right: 83.091 $\pm$ 0.024 χ^2 /NDF: 31471.7/13

In: 84.400 $\pm$ 0.037 χ^2 /NDF: 5998.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.091 $\pm$ 0.024 χ^2 /NDF: 31471.7/13

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

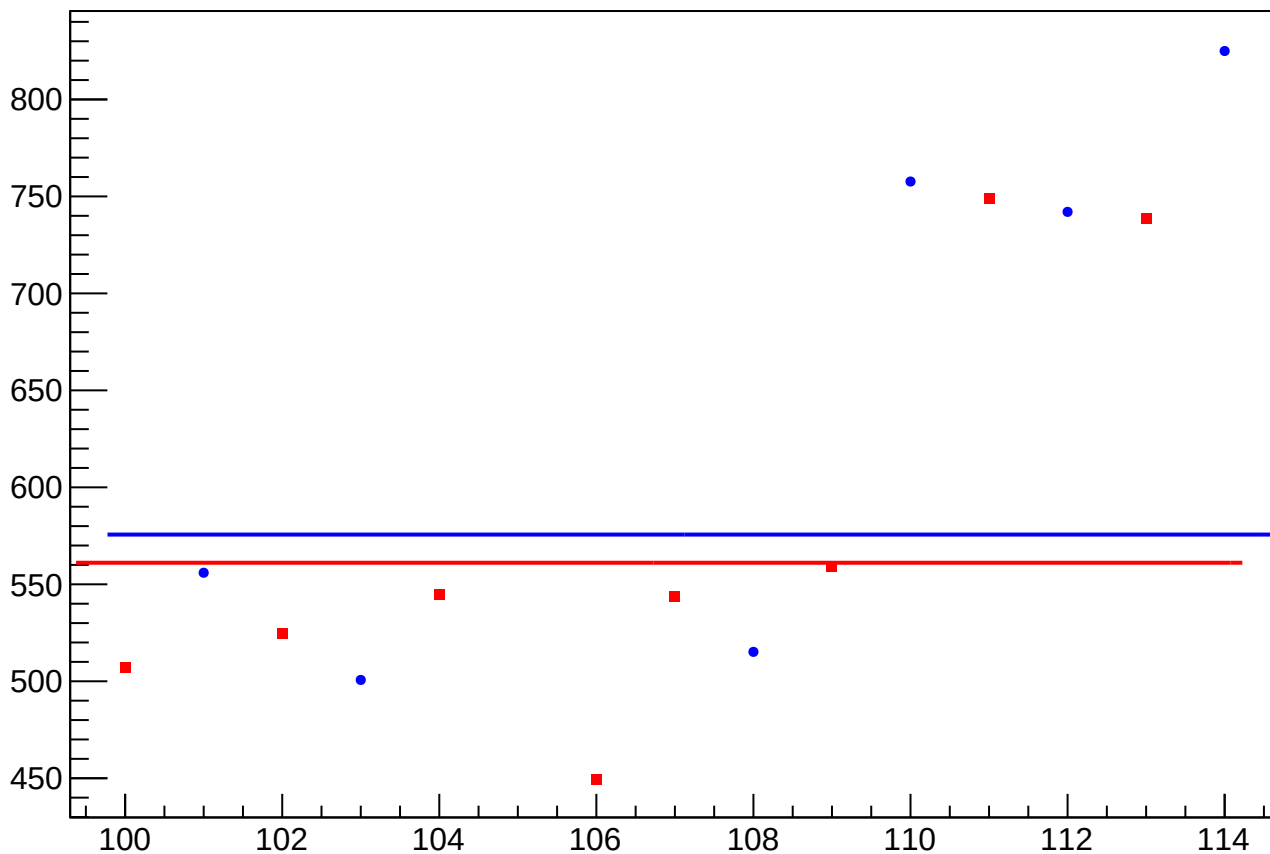
Right: 403.548 $\pm$ 238.594 χ^2 /NDF: 9.0/13

In: 223.997 $\pm$ 359.899 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 403.548 $\pm$ 238.594 χ^2 /NDF: 9.0/13

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

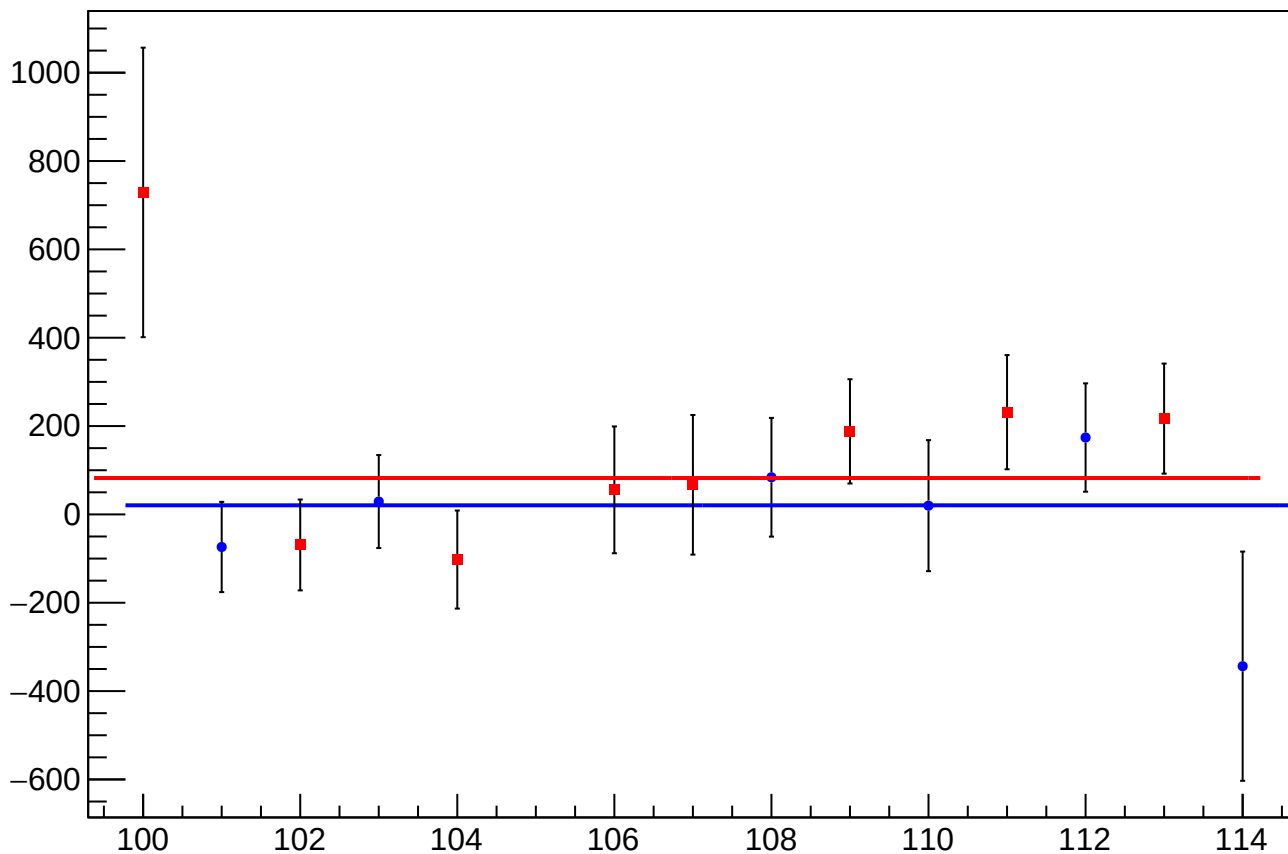
Right: 567.503 $\pm$ 0.169 χ^2 /NDF: 310075.0/13

In: 575.647 $\pm$ 0.254 χ^2 /NDF:153889.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 567.503 $\pm$ 0.169 χ^2 /NDF: 310075.0/13

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 20.584+/-52.113 χ^2/NDF : 4.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.350+/-46.149 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

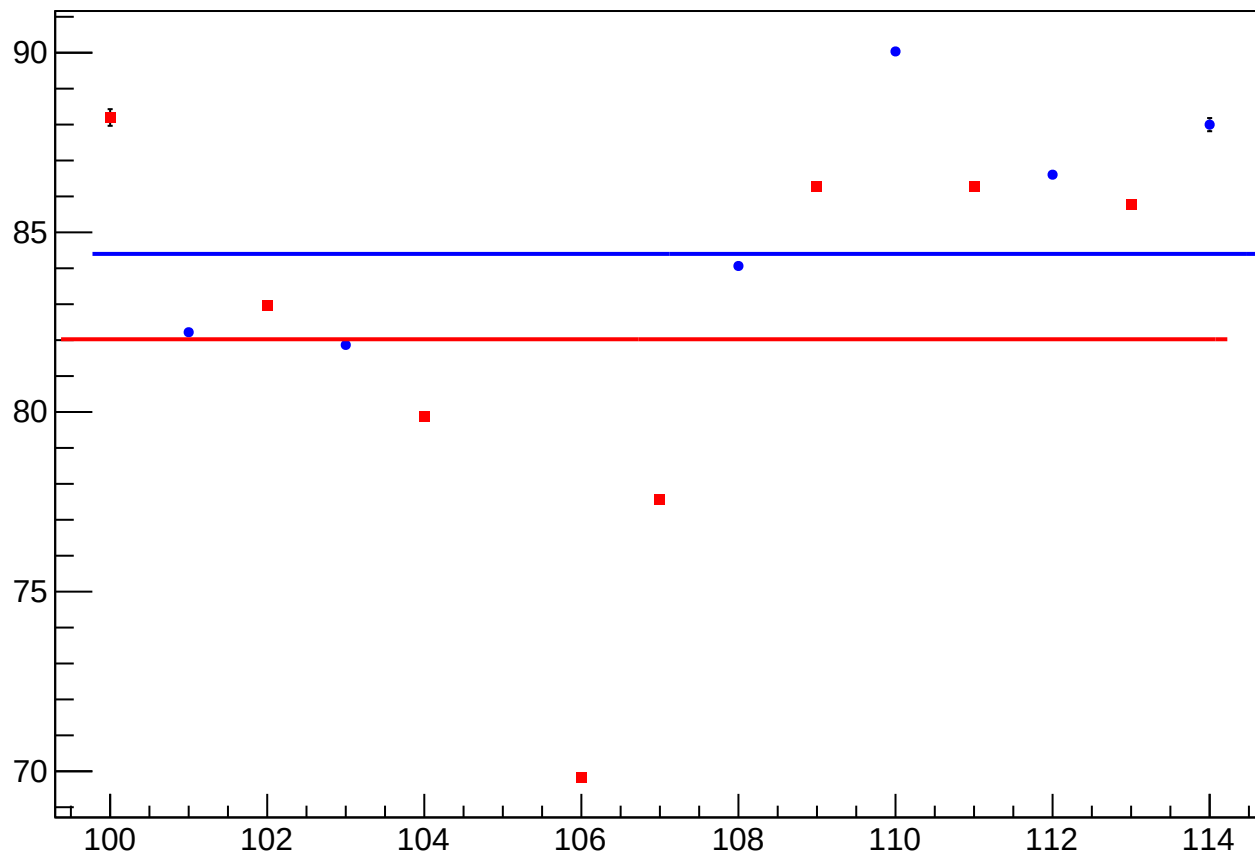
Right: 55.202+/-34.549 χ^2/NDF : 17.6/13

In: 20.584+/-52.113 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.202+/-34.549 χ^2/NDF : 17.6/13

cor_asym_sam5_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

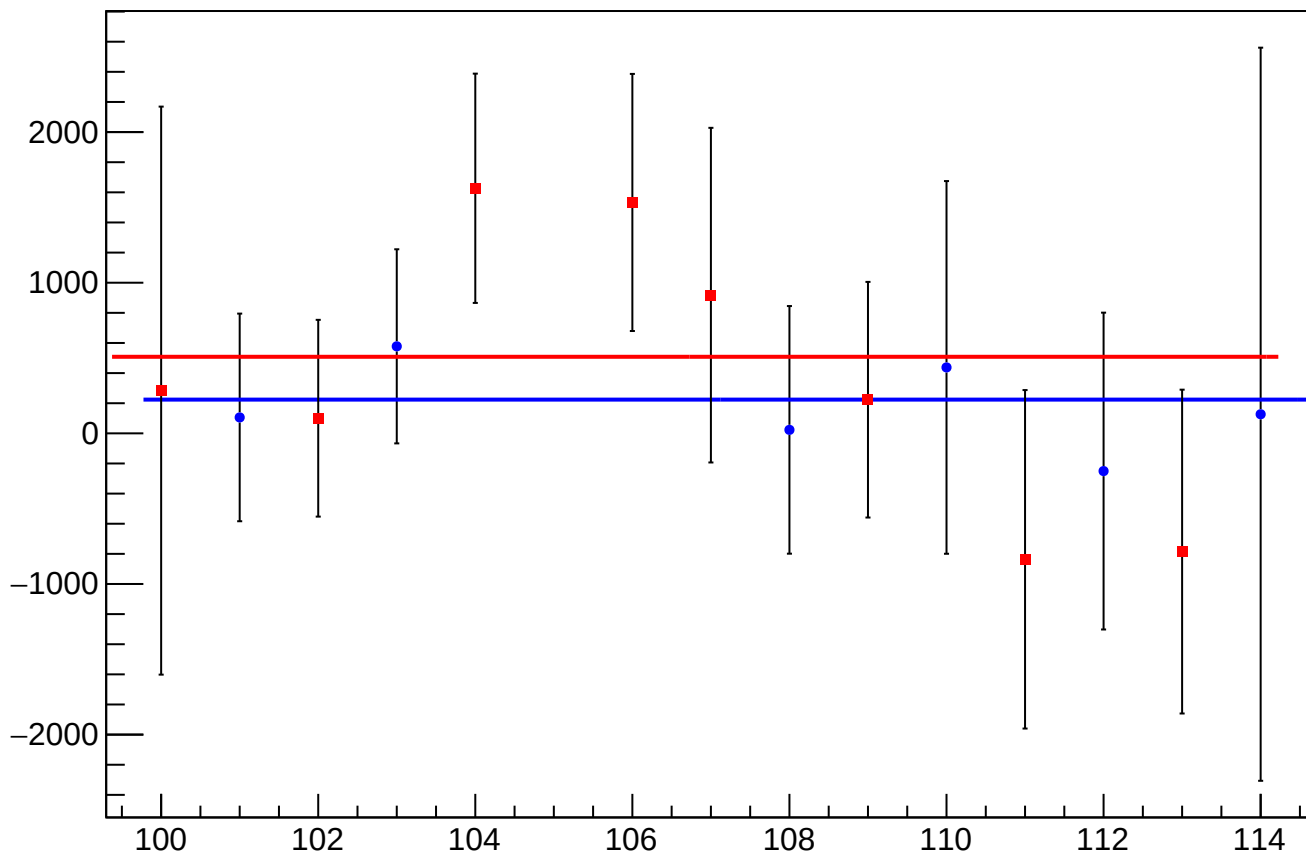
Right: 83.069 $\pm$ 0.024 χ^2 /NDF: 32514.4/13

In: 84.400 $\pm$ 0.037 χ^2 /NDF: 5998.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.069 $\pm$ 0.024 χ^2 /NDF: 32514.4/13

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

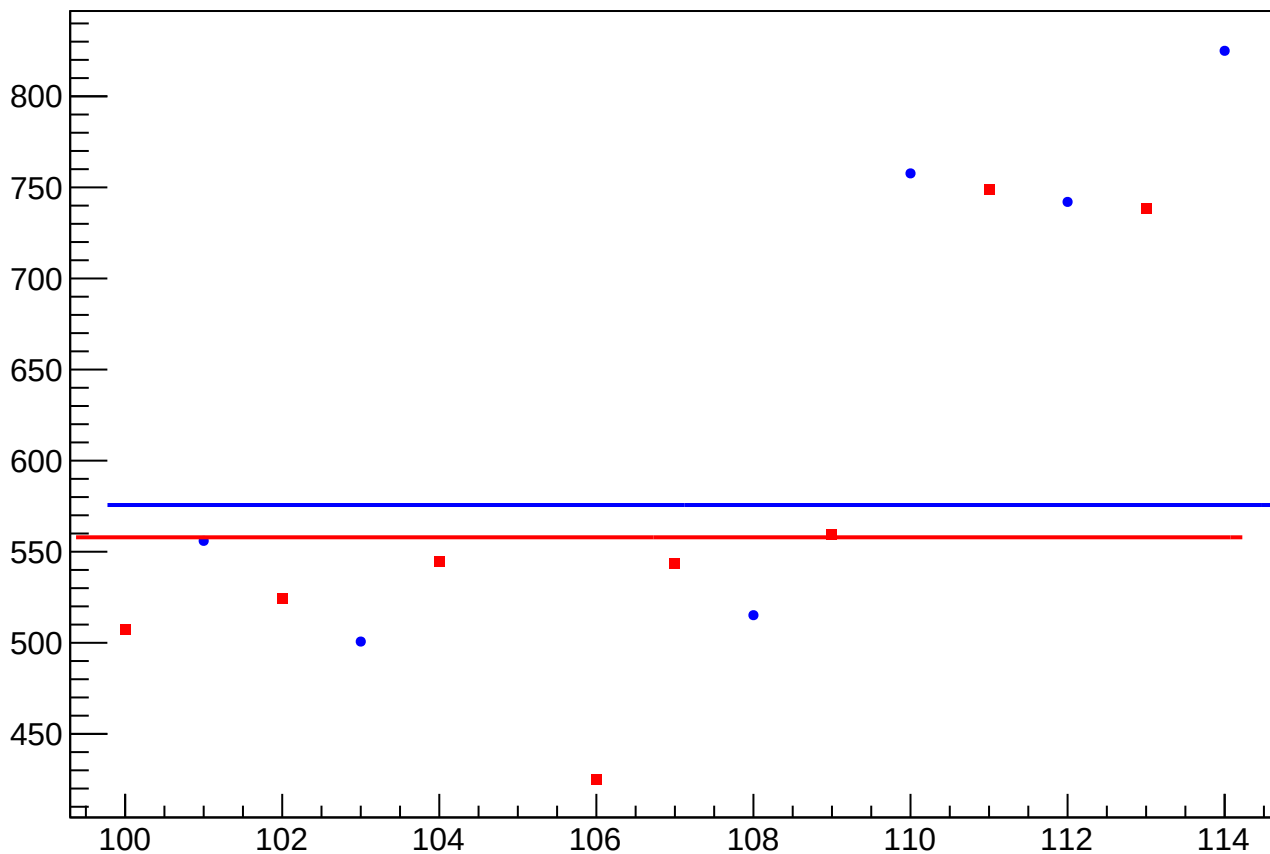
Right: 383.208 $\pm$ 238.717 χ^2 /NDF: 8.1/13

In: 223.995 $\pm$ 359.898 χ^2 /NDF:0.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 383.208 $\pm$ 238.717 χ^2 /NDF: 8.1/13

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

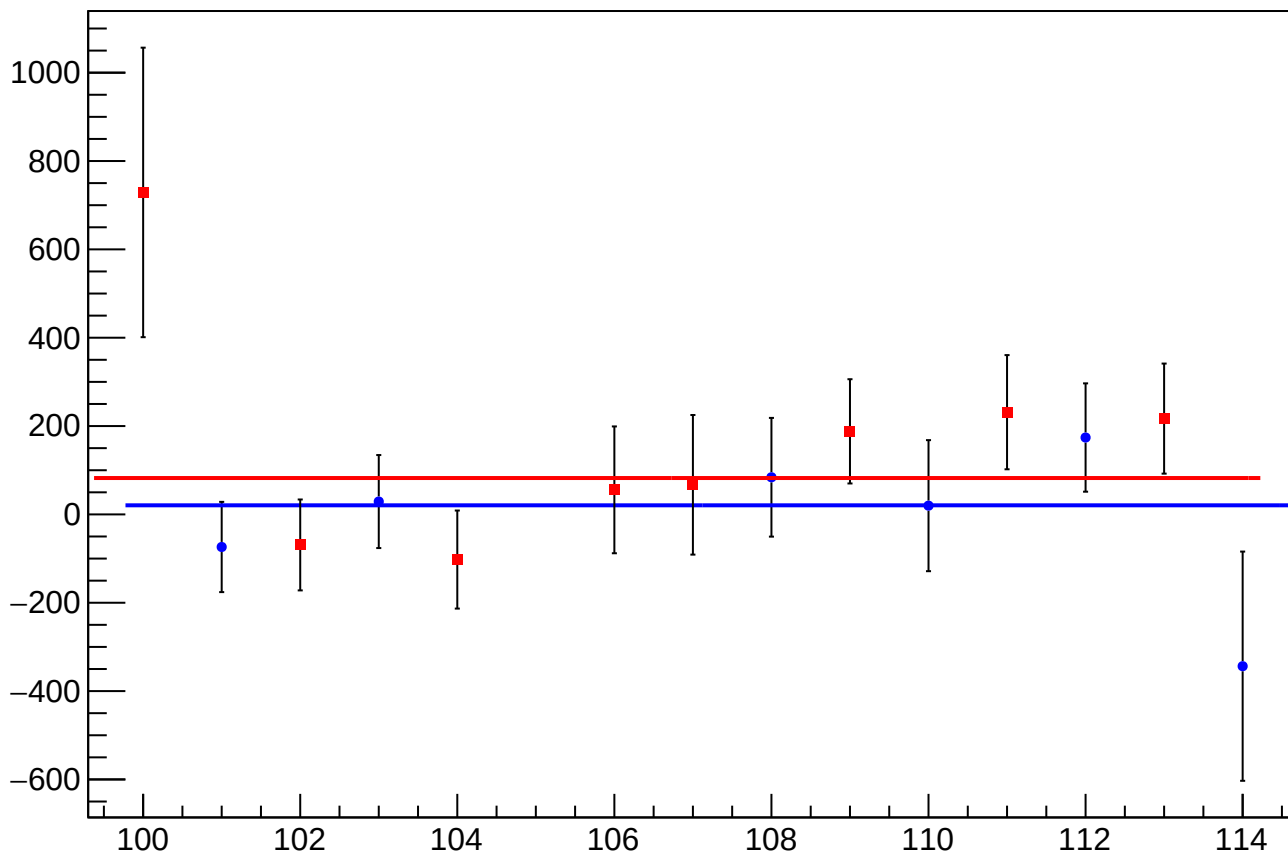
Right: 565.716 $\pm$ 0.169 χ^2 /NDF: 326951.6/13

In: 575.646 $\pm$ 0.254 χ^2 /NDF:153891.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 565.716 $\pm$ 0.169 χ^2 /NDF: 326951.6/13

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 20.584+/-52.113 χ^2/NDF : 4.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.350+/-46.149 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

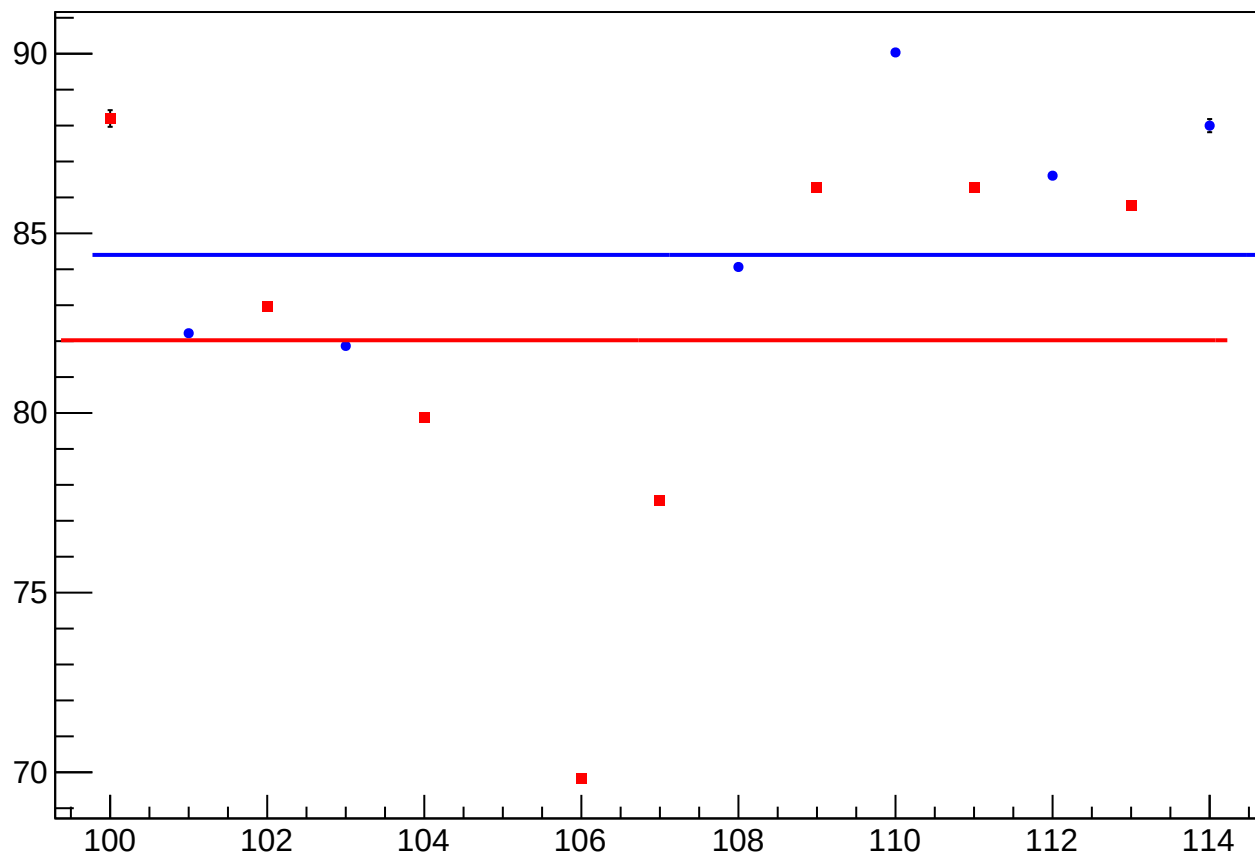
Right: 55.202+/-34.549 χ^2/NDF : 17.6/13

In: 20.584+/-52.113 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.202+/-34.549 χ^2/NDF : 17.6/13

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

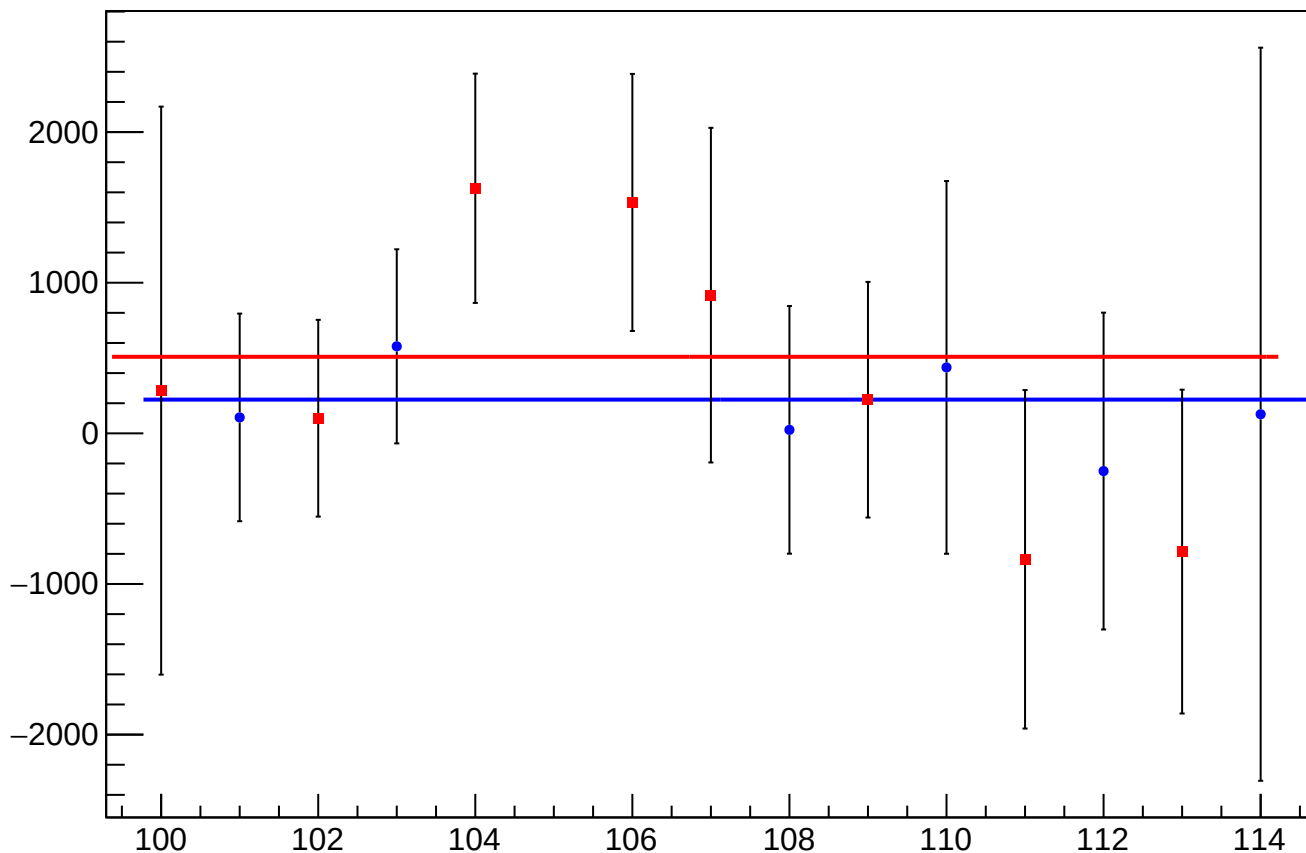
Right: 83.069 $\pm$ 0.024 χ^2 /NDF: 32514.4/13

In: 84.400 $\pm$ 0.037 χ^2 /NDF:5998.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 83.069 $\pm$ 0.024 χ^2 /NDF: 32514.4/13

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 223.995+/-359.898 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.280+/-318.987 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

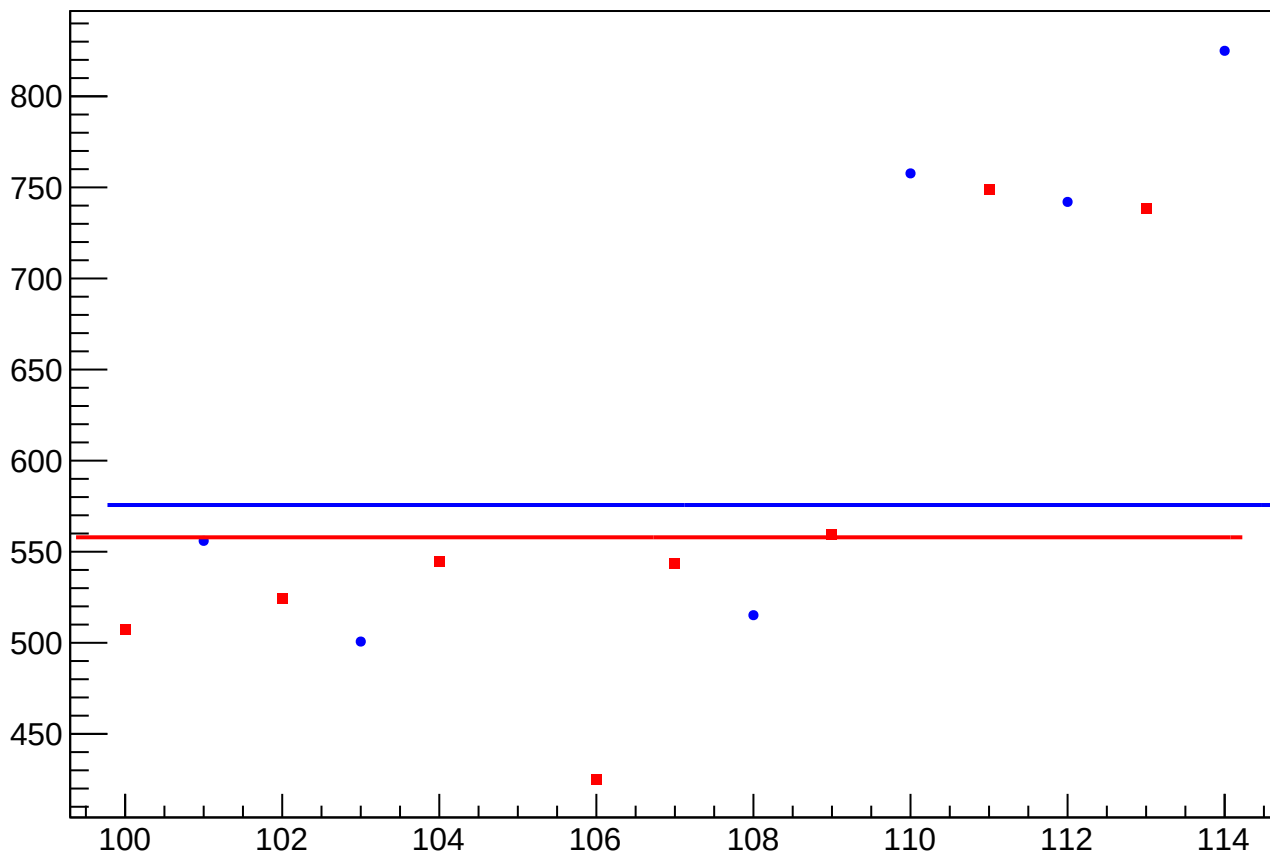
Right: 383.208+/-238.717 χ^2/NDF : 8.1/13

In: 223.995+/-359.898 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.208+/-238.717 χ^2/NDF : 8.1/13

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

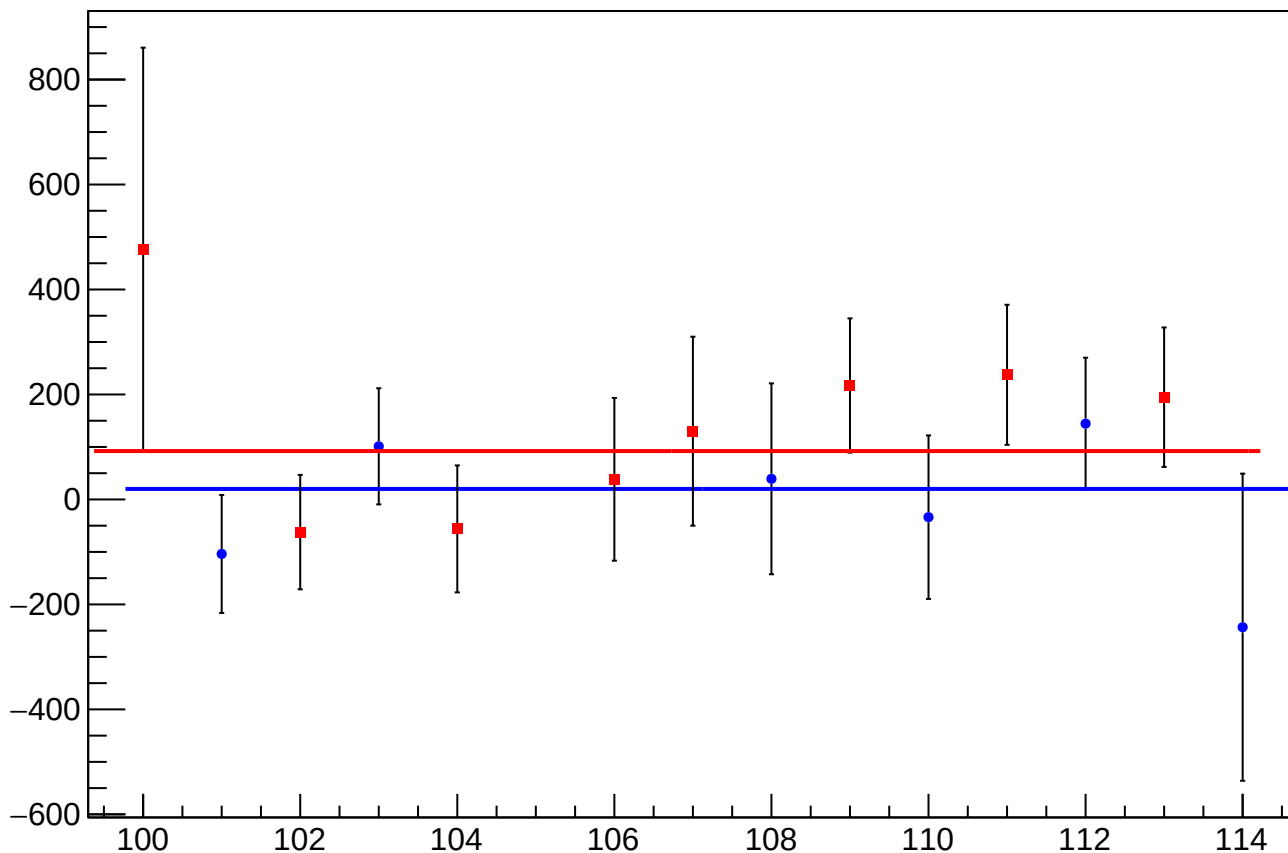
Right: 565.716 $\pm$ 0.169 χ^2 /NDF: 326951.6/13

In: 575.646 $\pm$ 0.254 χ^2 /NDF:153891.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 565.716 $\pm$ 0.169 χ^2 /NDF: 326951.6/13

dit_asym_sam5_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

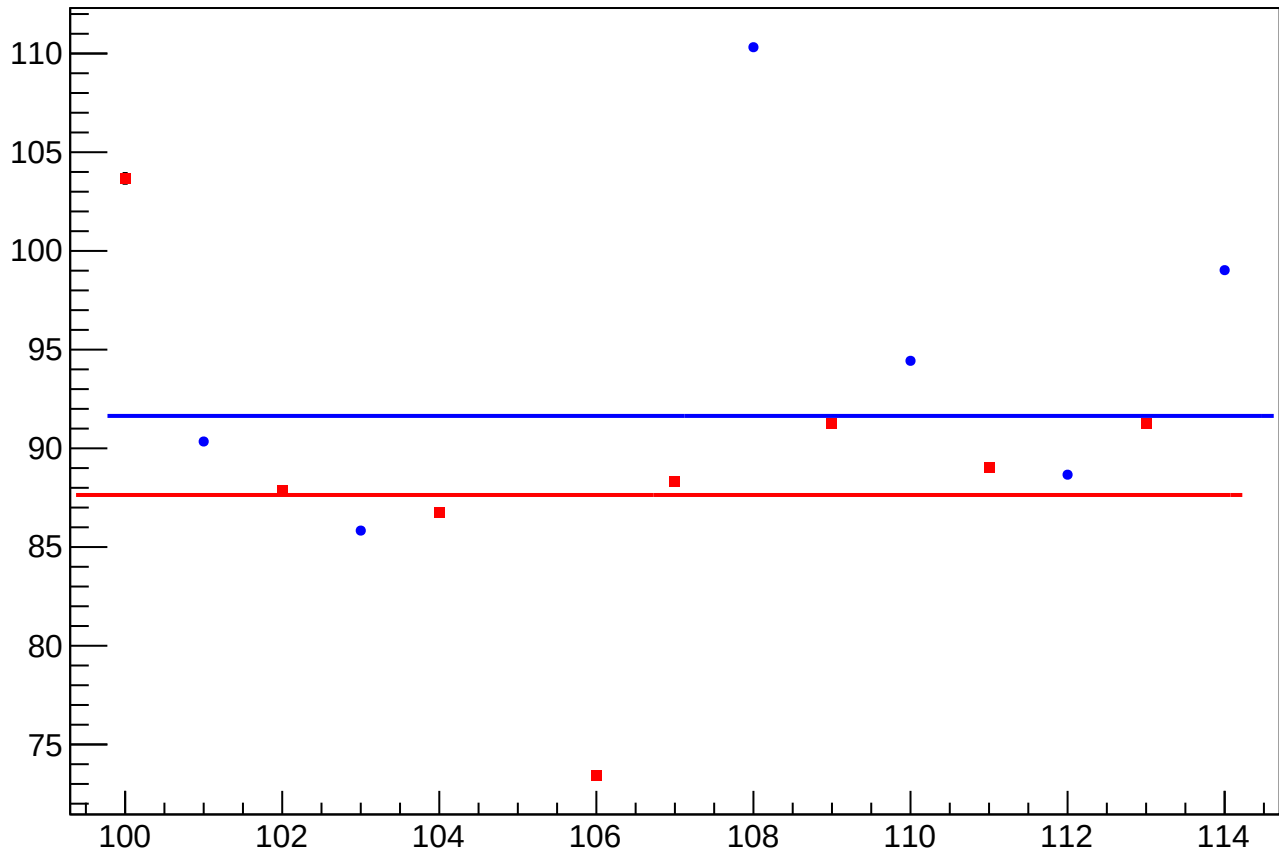
Right: 61.075+/-37.446 χ^2/NDF : 12.0/13

In: 20.027+/-57.031 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.075+/-37.446 χ^2/NDF : 12.0/13

dit_asym_sam5_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

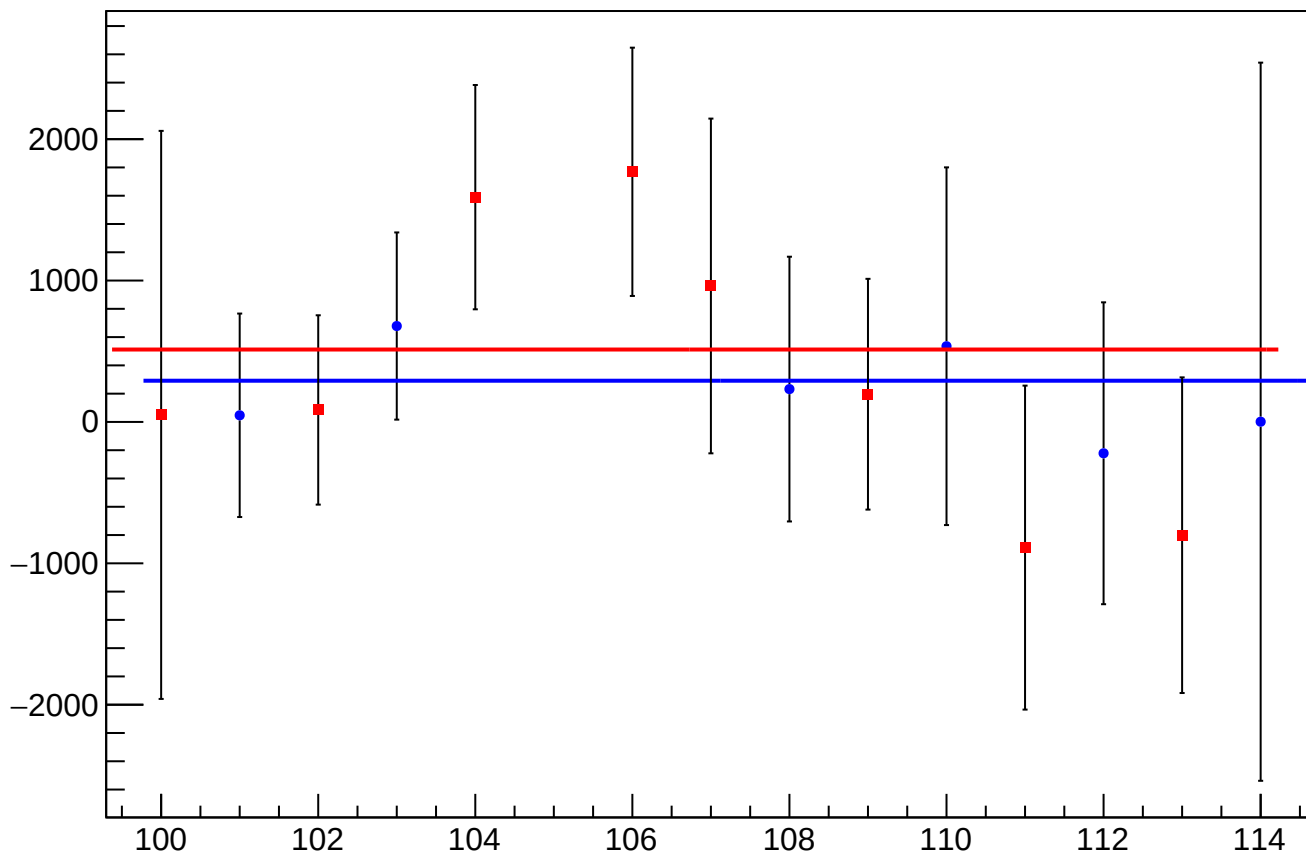
Right: 89.364 $\pm$ 0.026 χ^2 /NDF: 59231.9/13

In: 91.642 $\pm$ 0.040 χ^2 /NDF:29914.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.364 $\pm$ 0.026 χ^2 /NDF: 59231.9/13

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 291.519+/-377.643 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.169+/-330.694 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

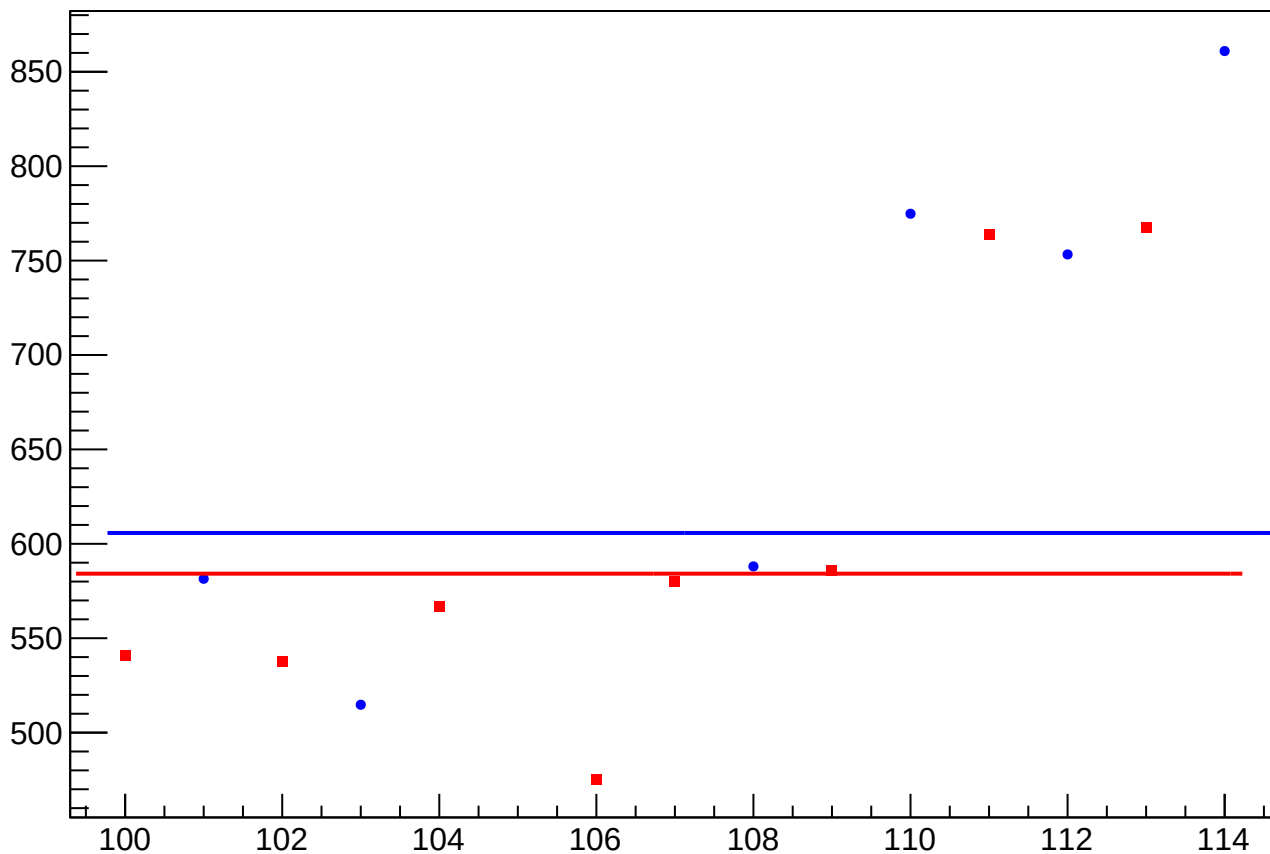
Right: 416.405+/-248.789 χ^2/NDF : 8.5/13

In: 291.519+/-377.643 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.405+/-248.789 χ^2/NDF : 8.5/13

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.744+/-0.267 χ^2/NDF : 134888.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.185+/-0.234 χ^2/NDF : 145836.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

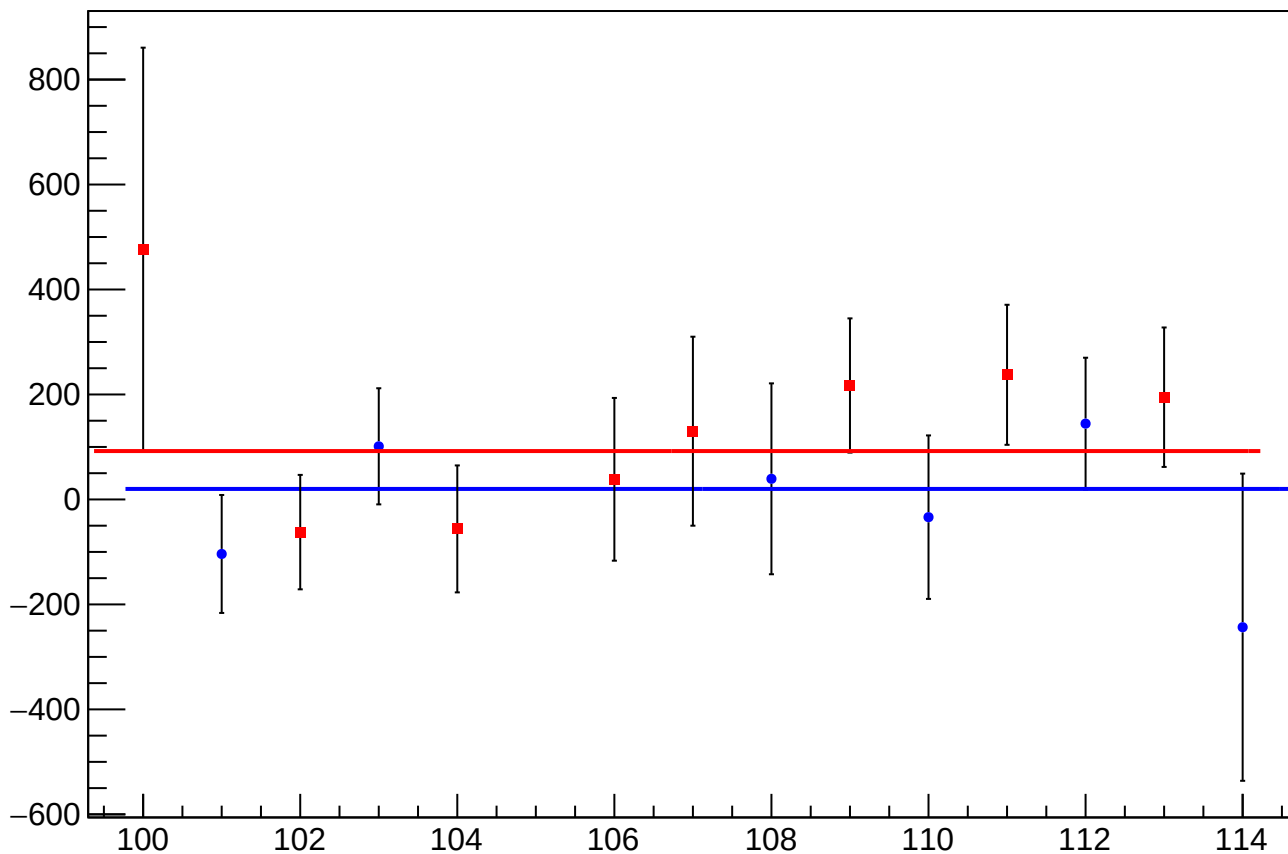
Right: 593.542+/-0.176 χ^2/NDF : 284413.7/13

In: 605.744+/-0.267 χ^2/NDF : 134888.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.542+/-0.176 χ^2/NDF : 284413.7/13

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

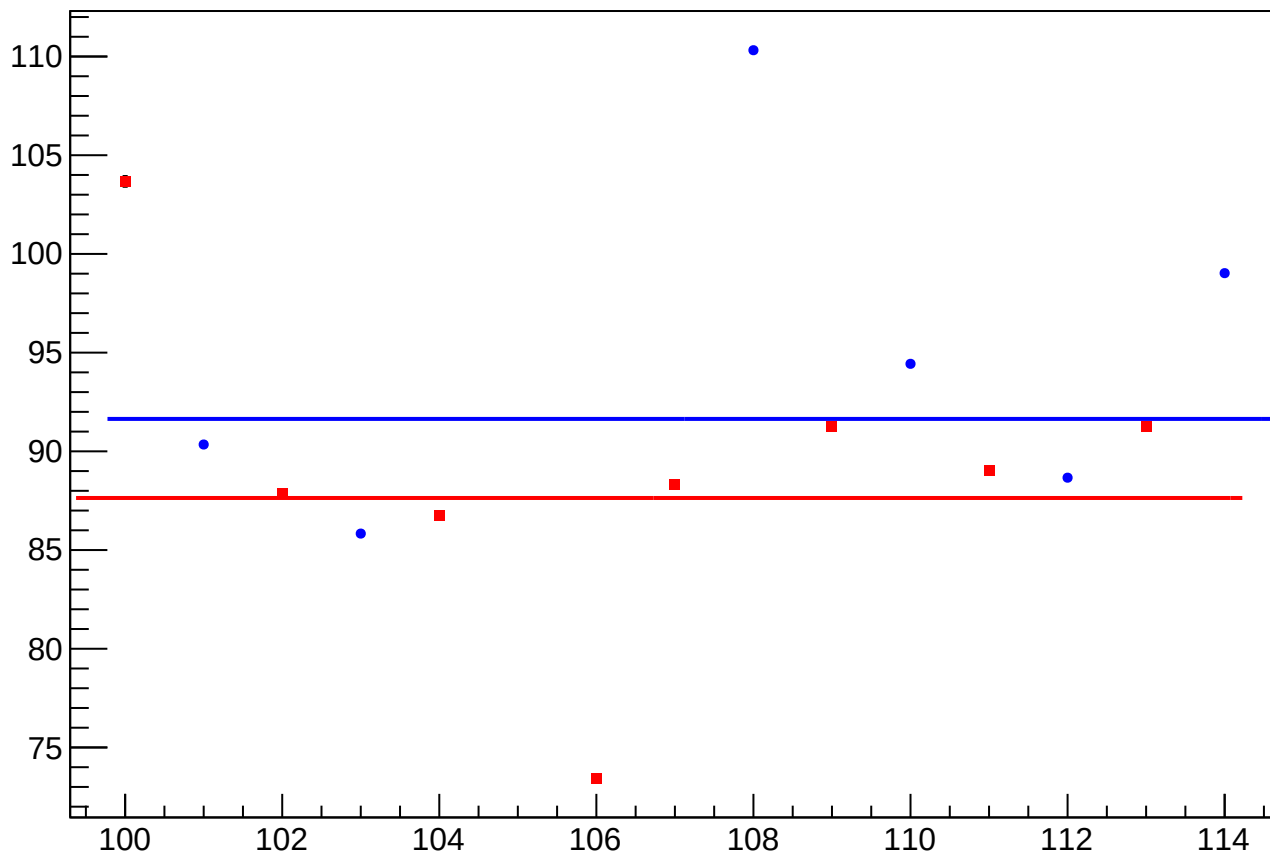
Right: 61.075+/-37.446 χ^2/NDF : 12.0/13

In: 20.025+/-57.031 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.075+/-37.446 χ^2/NDF : 12.0/13

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

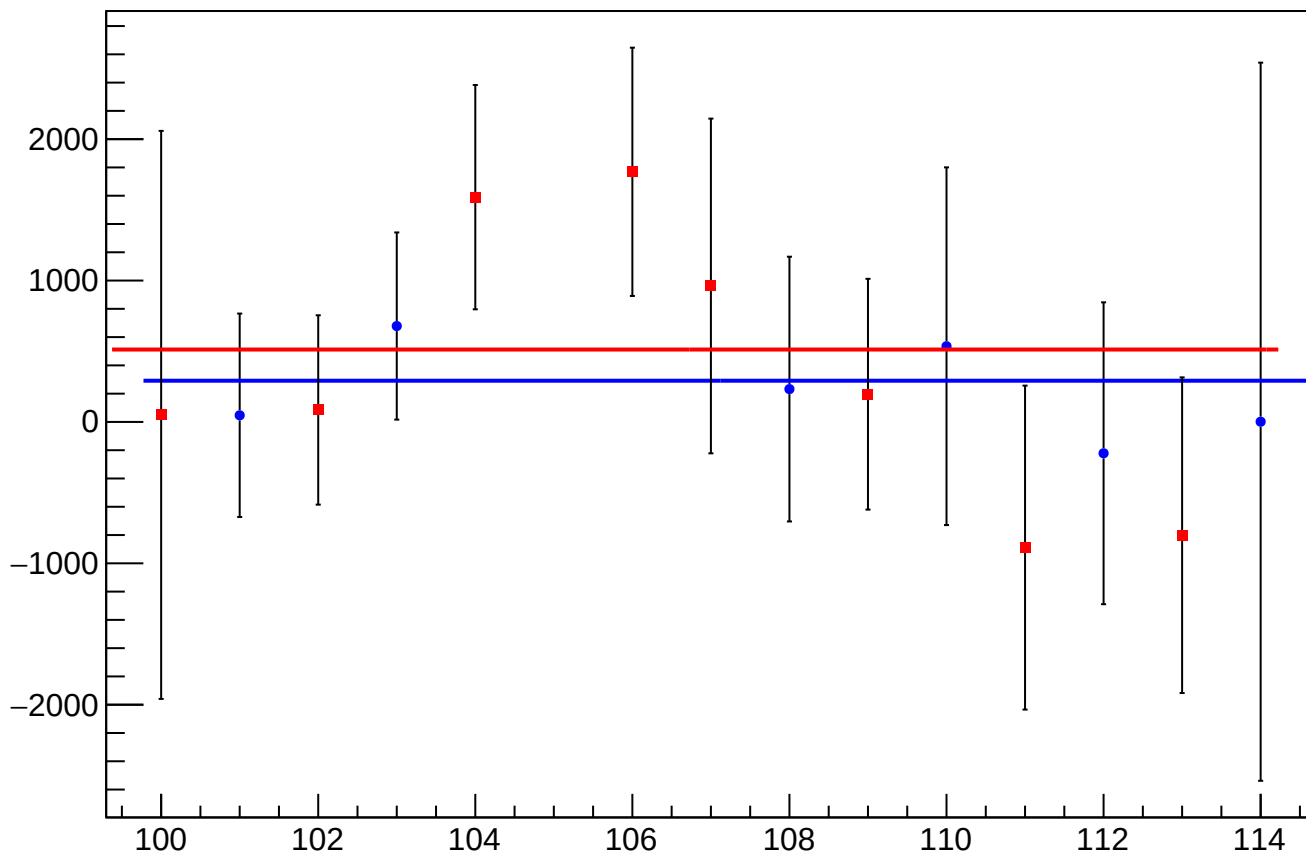
Right: 89.364 $\pm$ 0.026 χ^2 /NDF: 59231.3/13

In: 91.642 $\pm$ 0.040 χ^2 /NDF:29914.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.364 $\pm$ 0.026 χ^2 /NDF: 59231.3/13

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 291.518+/-377.642 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.169+/-330.693 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

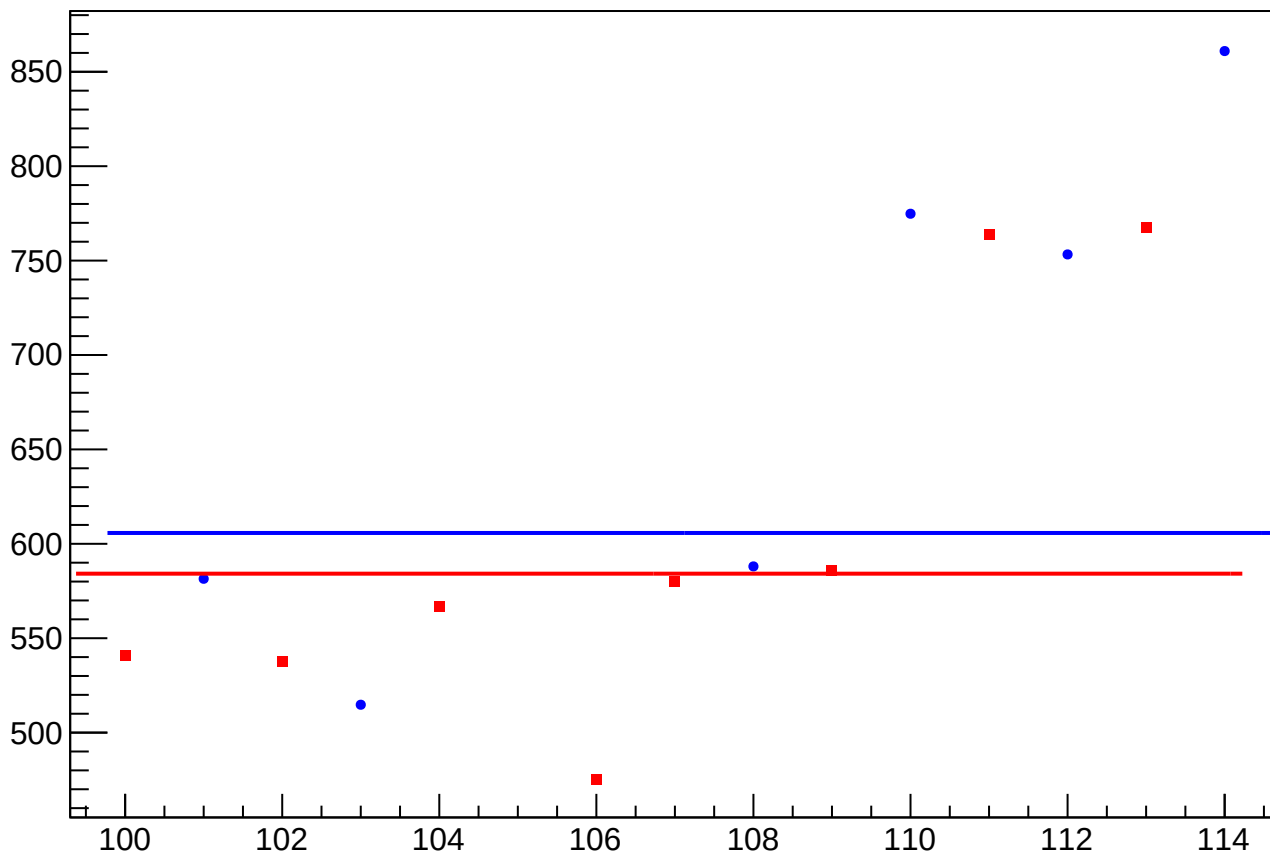
Right: 416.405+/-248.788 χ^2/NDF : 8.5/13

In: 291.518+/-377.642 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.405+/-248.788 χ^2/NDF : 8.5/13

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

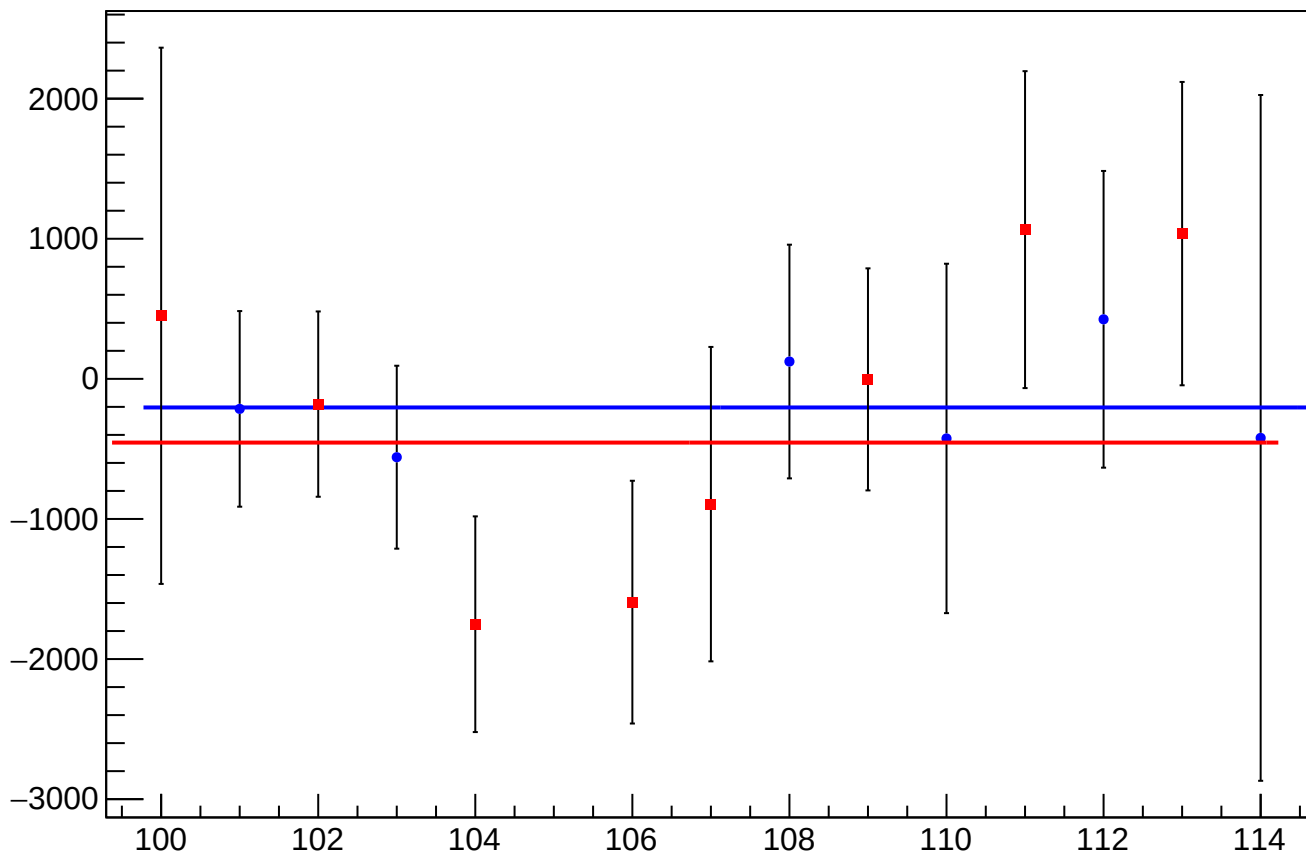
Right: 593.541+/-0.176 χ^2/NDF : 284413.1/13

In: 605.743+/-0.267 χ^2/NDF : 134887.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.541+/-0.176 χ^2/NDF : 284413.1/13

asym_sam5_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

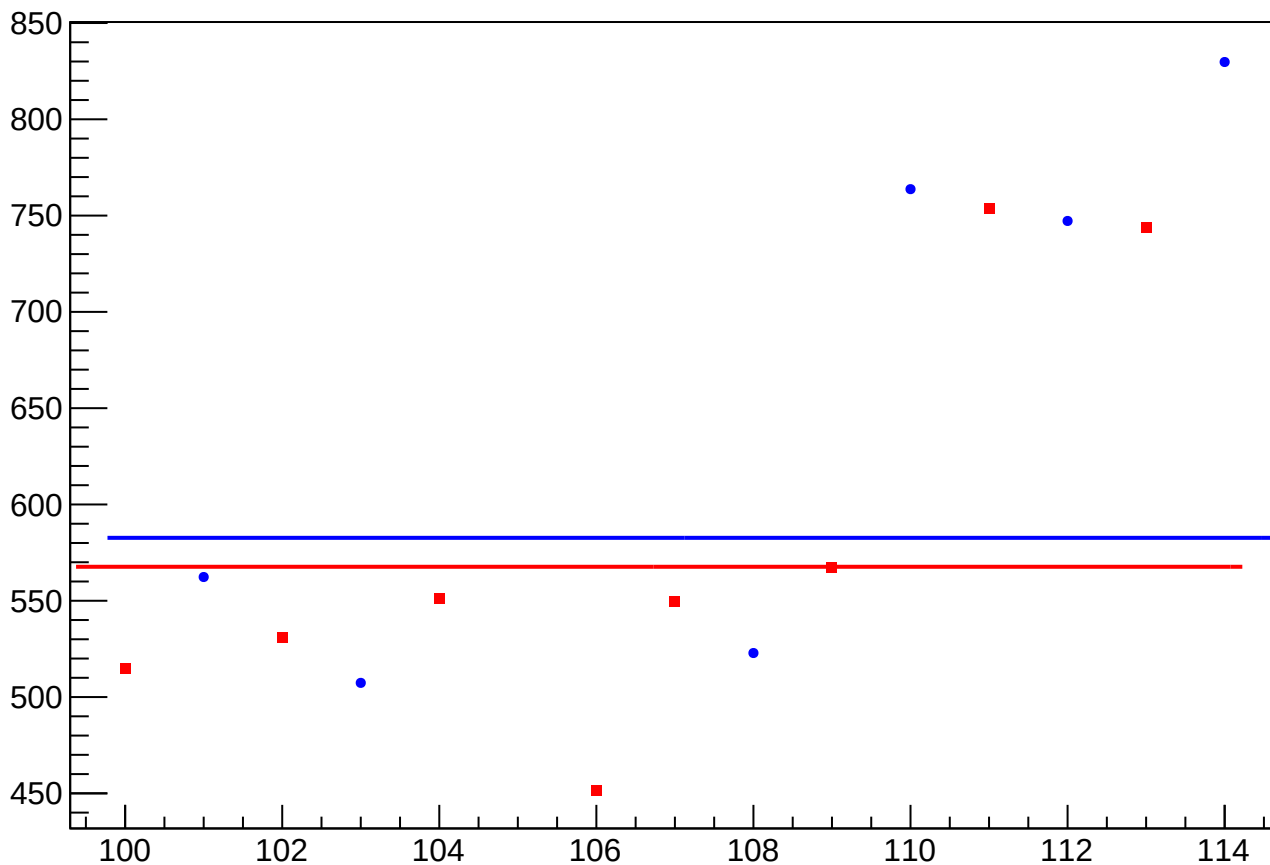
Right: -344.628+/-241.564 χ^2/NDF : 10.3/13

In: -204.167+/-364.258 χ^2/NDF : 0.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.628+/-241.564 χ^2/NDF : 10.3/13

asym_sam5_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

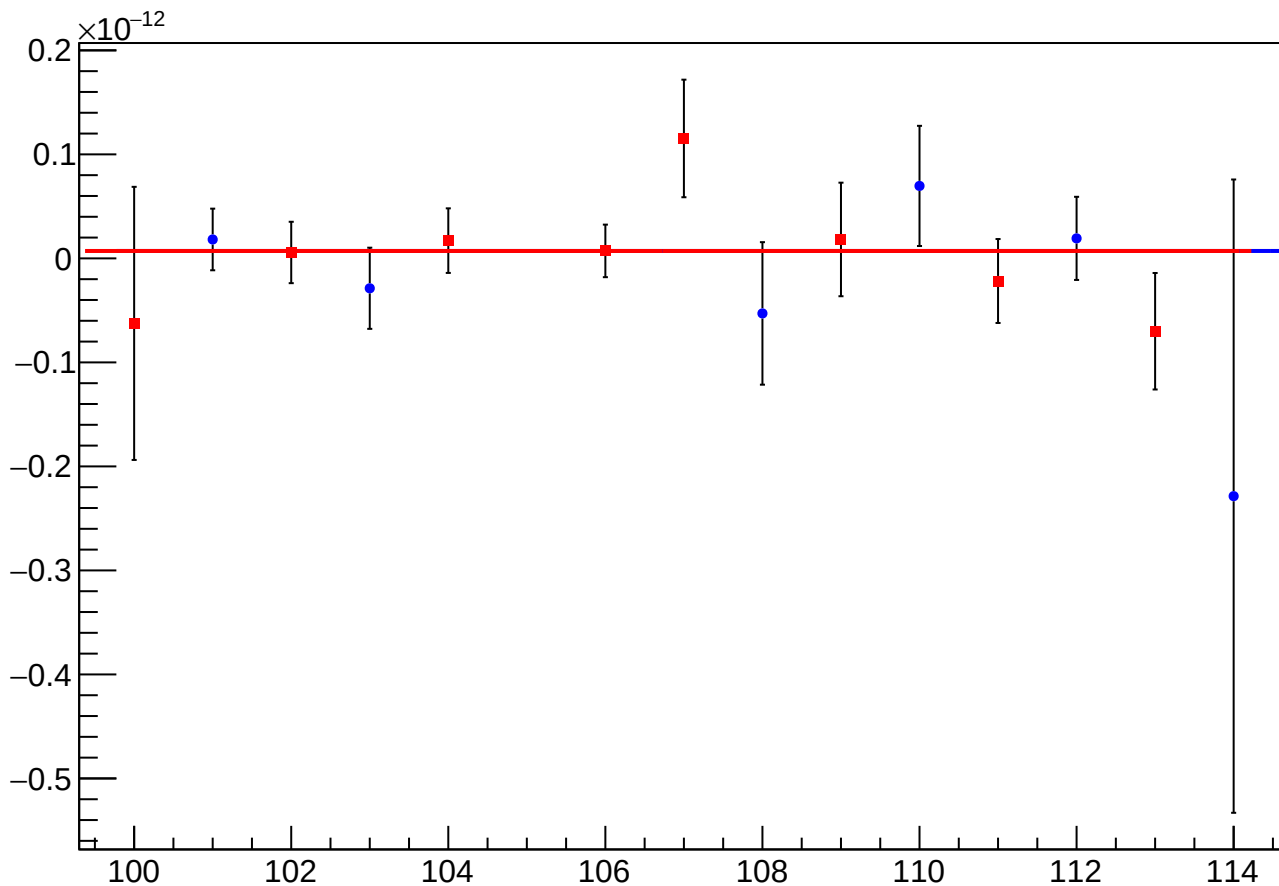
Right: 574.259 $\pm$ 0.171 χ^2 /NDF: 303580.7/13

In: 582.678 $\pm$ 0.258 χ^2 /NDF:149422.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 574.259 $\pm$ 0.171 χ^2 /NDF: 303580.7/13

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

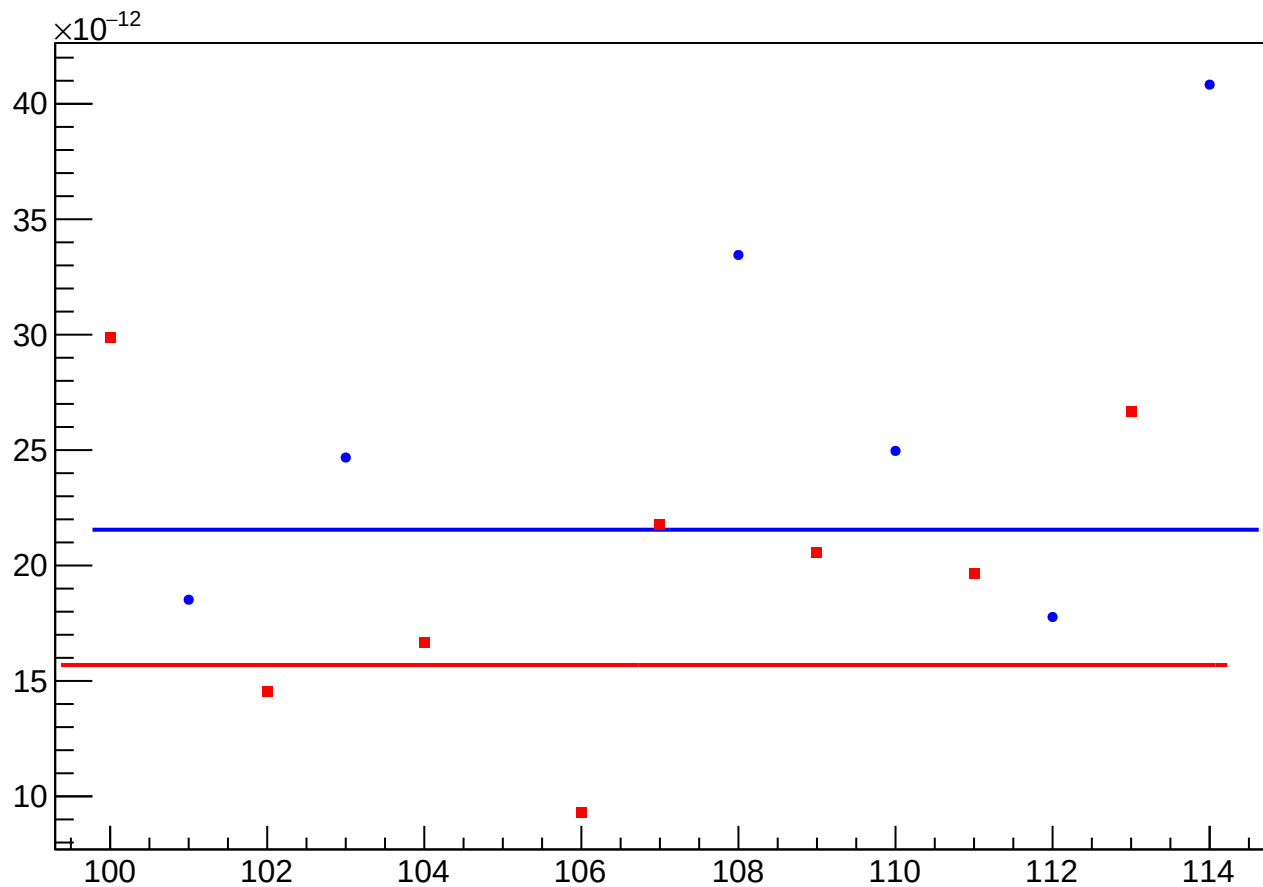
Right: 0.000+/-0.000 χ^2/NDF : 10.1/13

In: 0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.1/13

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

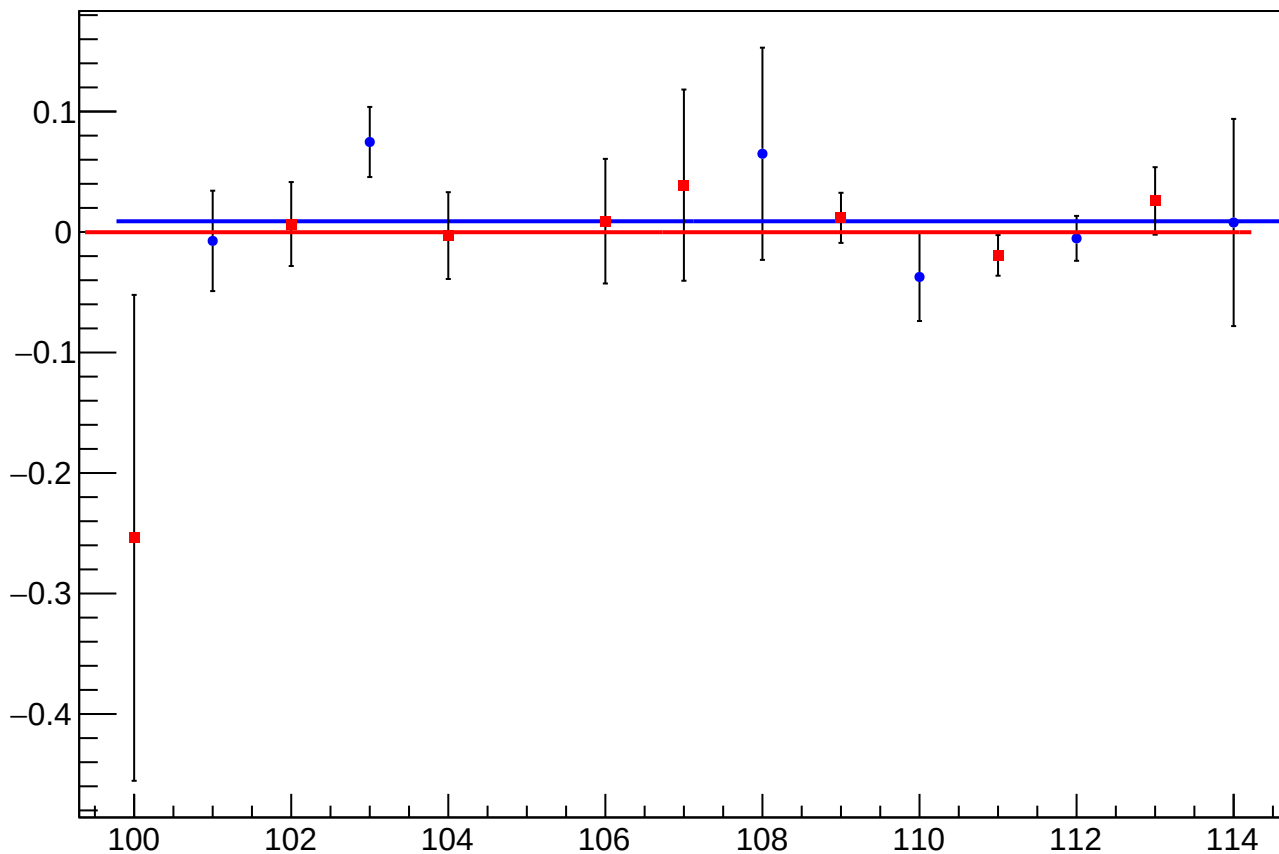
Right: 0.000+/-0.000 χ^2/NDF : 549392.7/13

In: 0.000+/-0.000 χ^2/NDF : 127058.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 549392.7/13

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

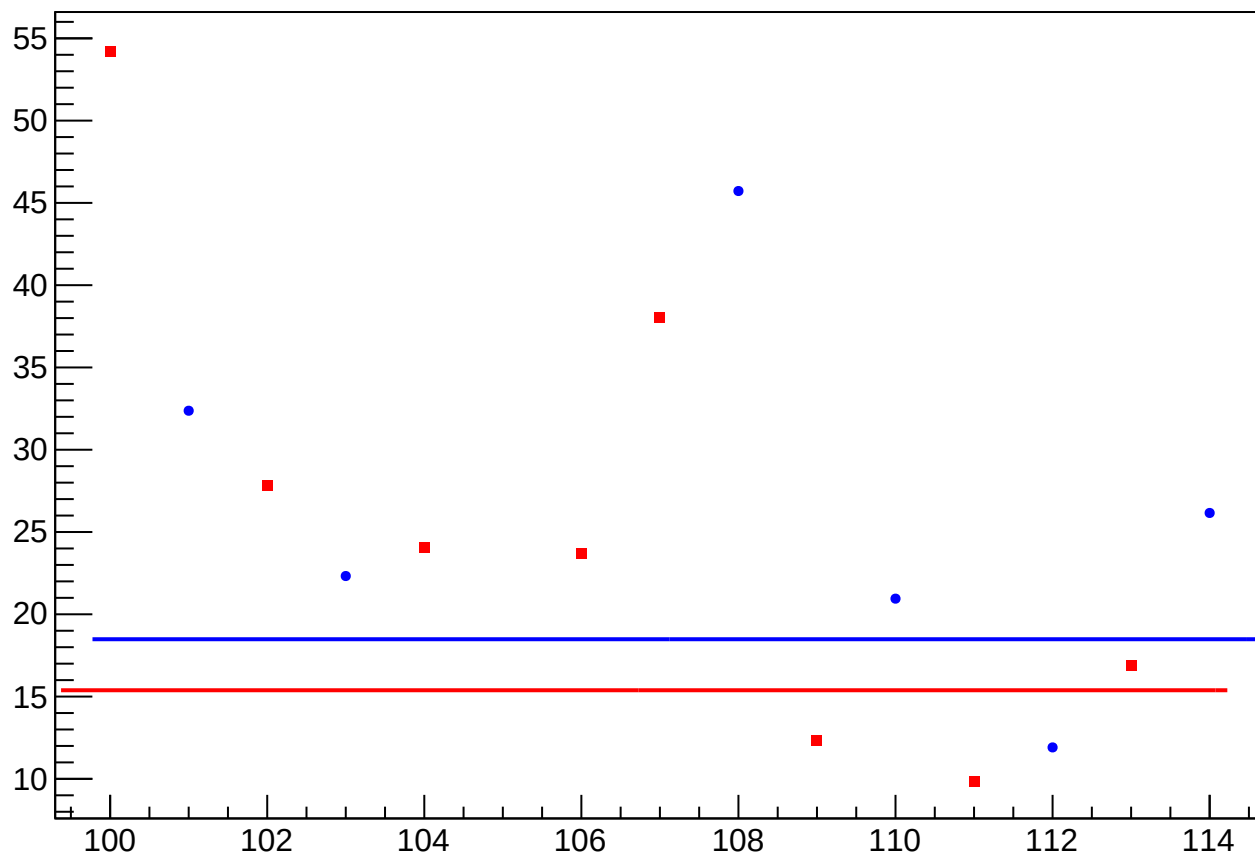
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

In: 0.009 $\pm$ 0.013 χ^2 /NDF:7.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.484+/-0.009 χ^2/NDF : 722387.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.384+/-0.007 χ^2/NDF : 924953.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

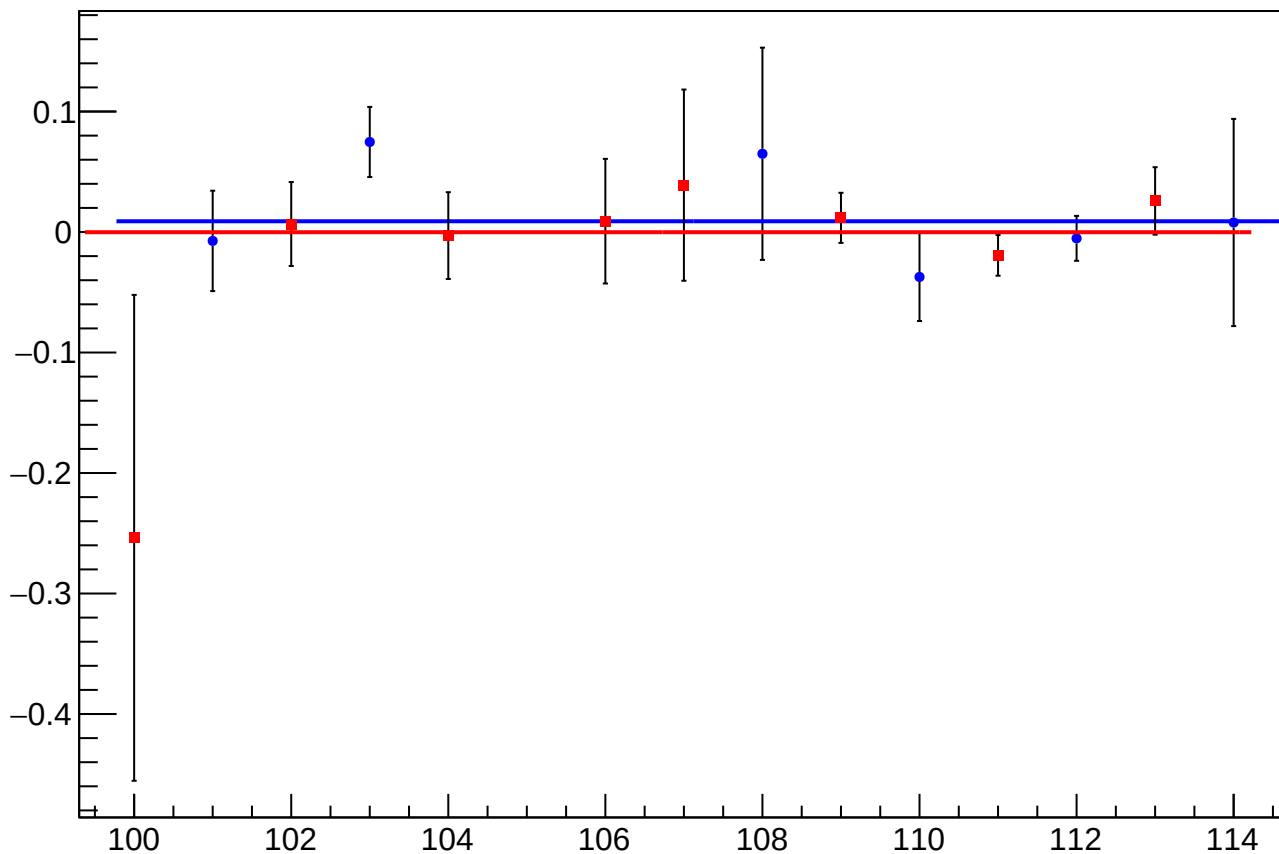
Right: 16.559+/-0.006 χ^2/NDF : 1714779.2/13

In: 18.484+/-0.009 χ^2/NDF : 722387.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.559+/-0.006 χ^2/NDF : 1714779.2/13

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.013 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.010 χ^2/NDF : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

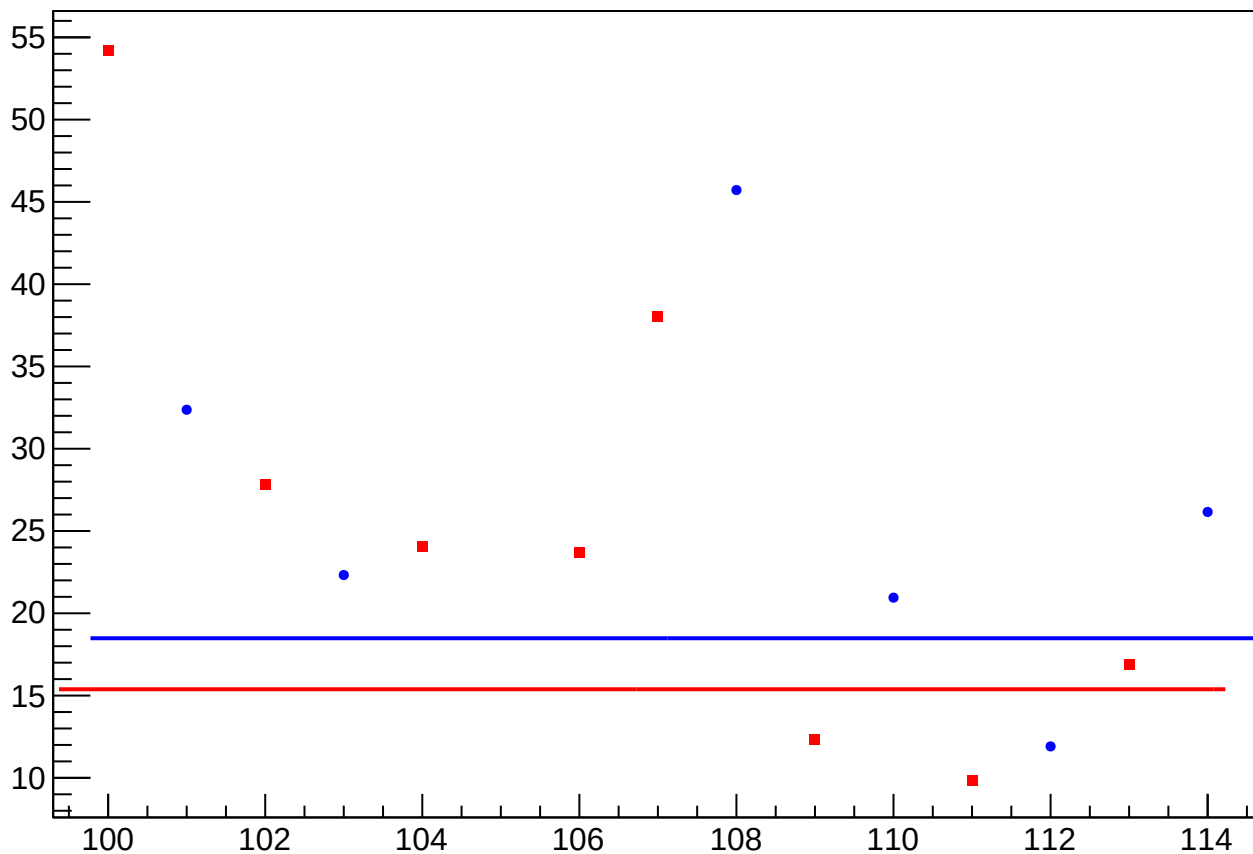
Right: 0.003+/-0.008 χ^2/NDF : 12.5/13

In: 0.009+/-0.013 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 12.5/13

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.484+/-0.009 χ^2/NDF : 722387.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.384+/-0.007 χ^2/NDF : 924953.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

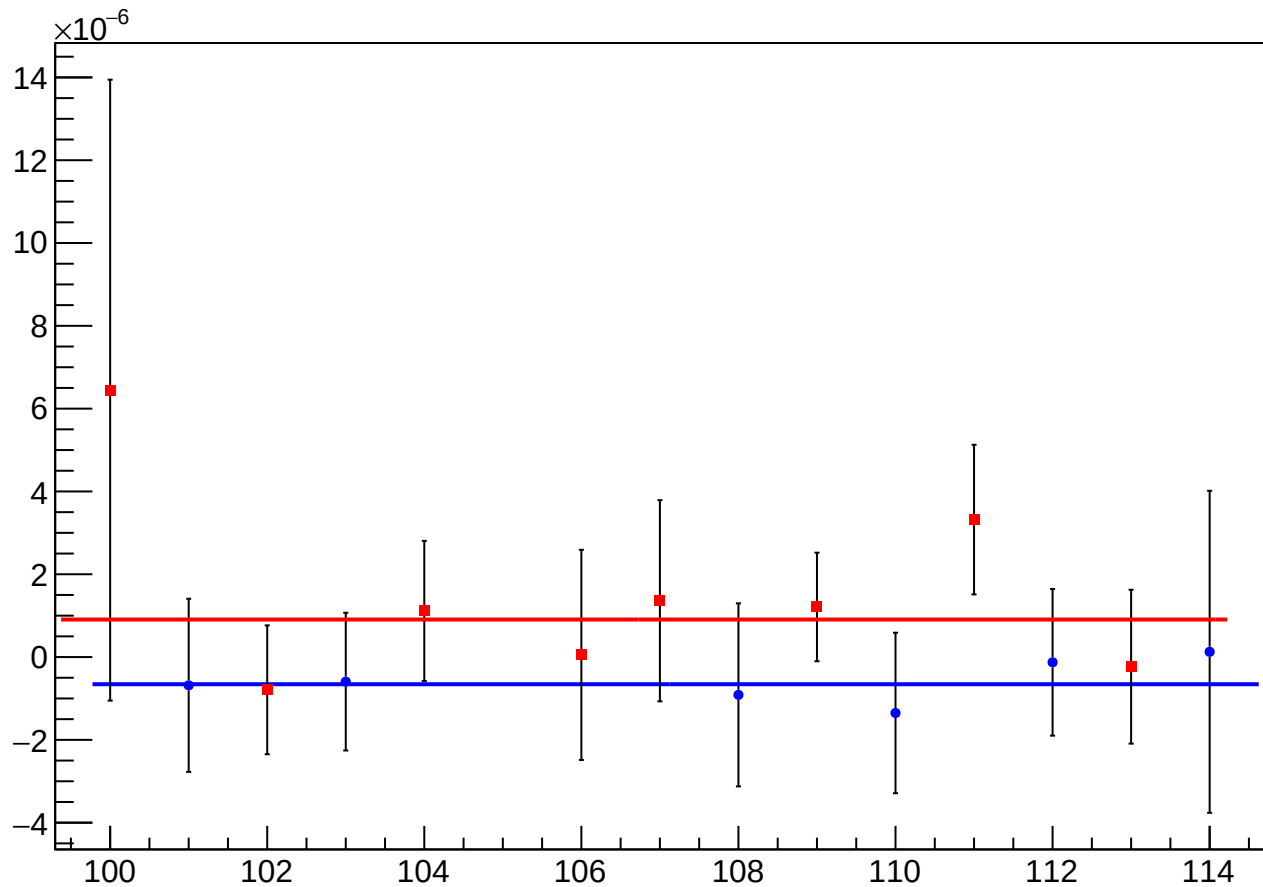
Right: 16.559+/-0.006 χ^2/NDF : 1714779.2/13

In: 18.484+/-0.009 χ^2/NDF : 722387.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.559+/-0.006 χ^2/NDF : 1714779.2/13

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

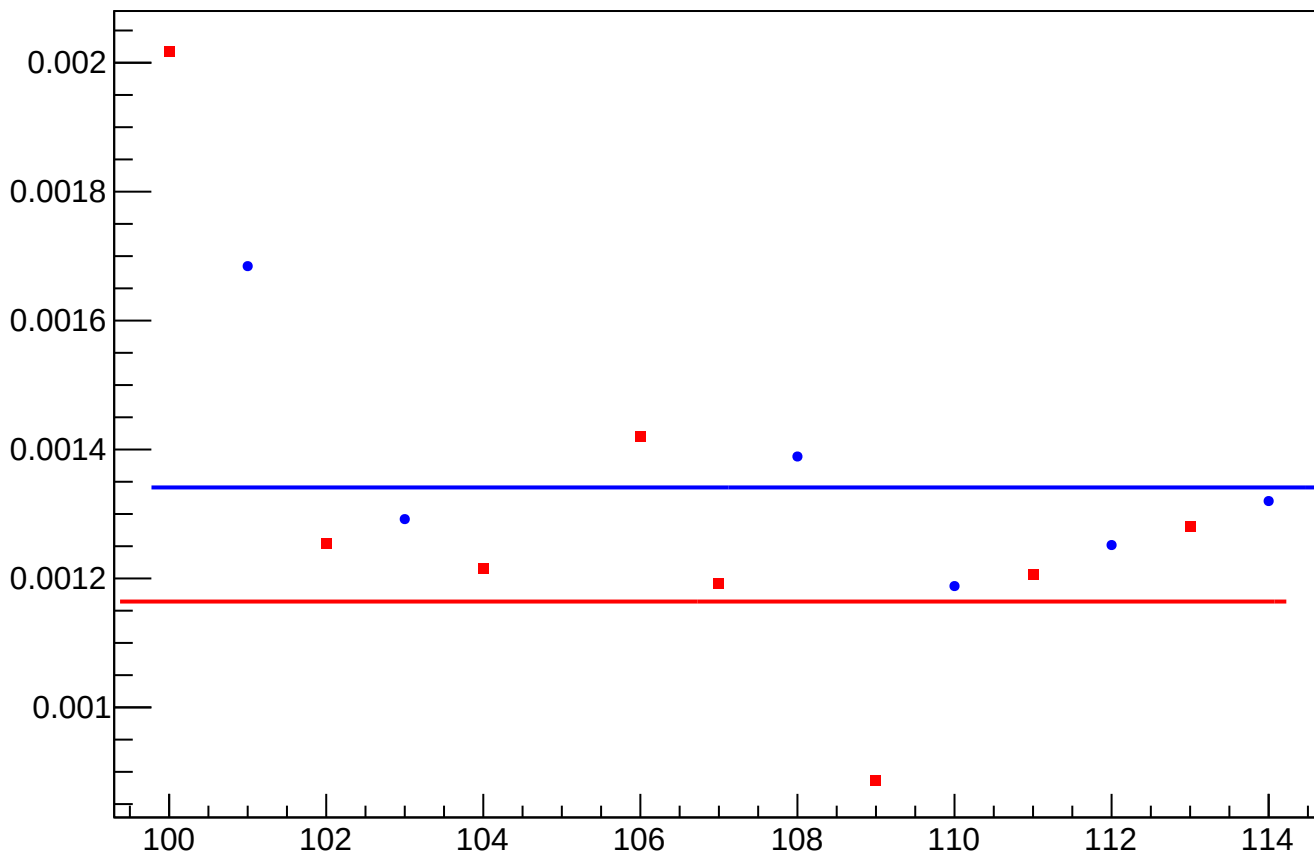
Right: 0.000+/-0.000 χ^2/NDF : 6.5/13

In: -0.000+/-0.000 χ^2/NDF : 0.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.5/13

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

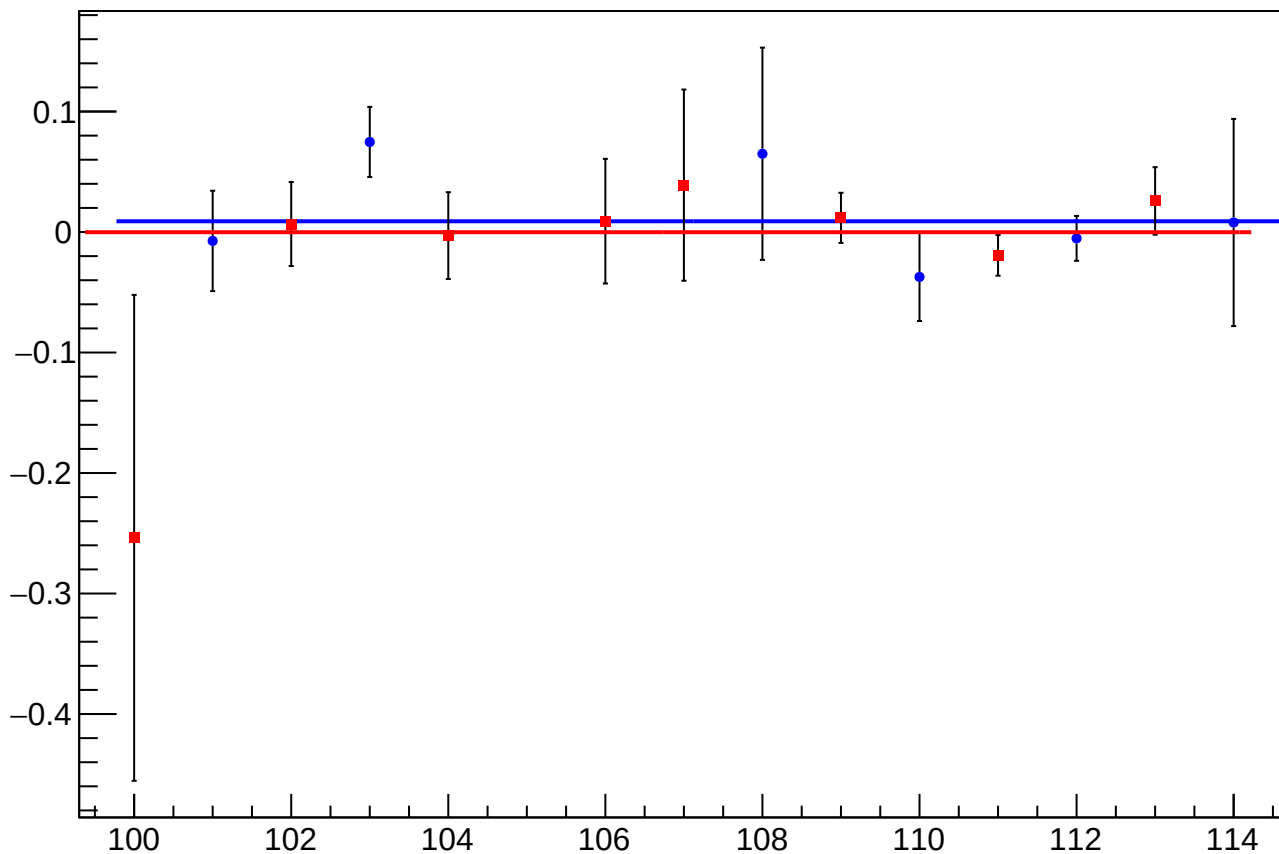
Right: 0.001+/-0.000 χ^2/NDF : 282925.3/13

In: 0.001+/-0.000 χ^2/NDF : 74199.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 282925.3/13

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.013 χ^2/NDF : 7.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.010 χ^2/NDF : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

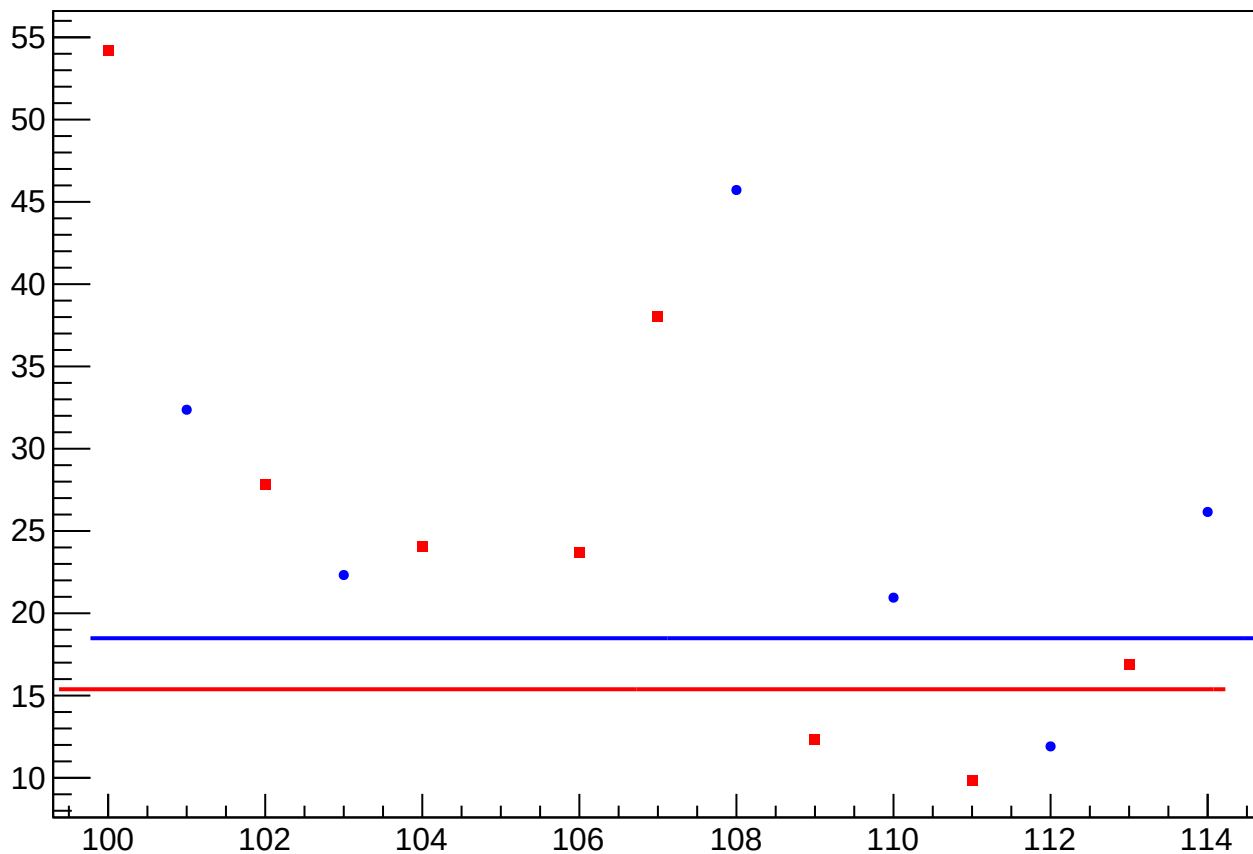
Right: 0.003+/-0.008 χ^2/NDF : 12.5/13

In: 0.009+/-0.013 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 12.5/13

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

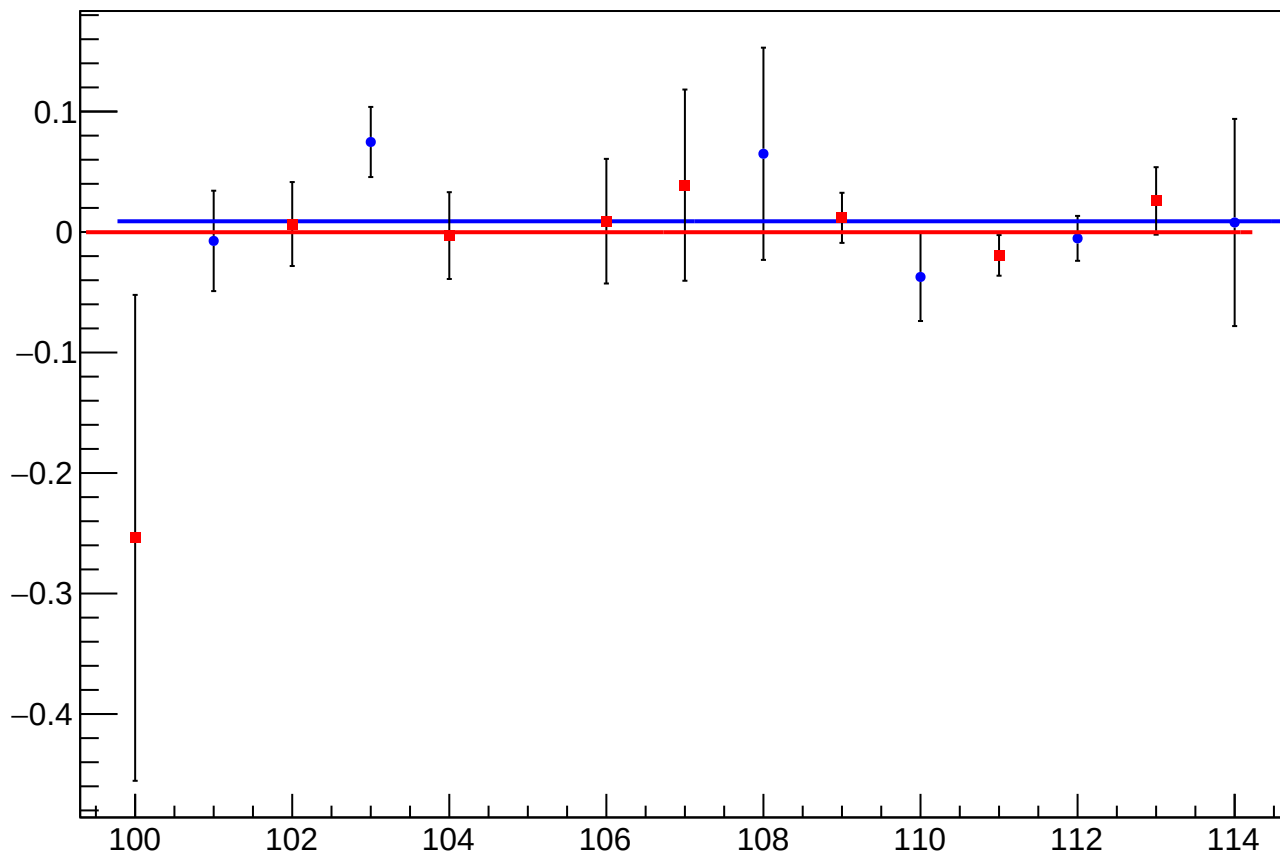
Right: 16.559+/-0.006 χ^2/NDF : 1714805.4/13

In: 18.484+/-0.009 χ^2/NDF : 722374.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.559+/-0.006 χ^2/NDF : 1714805.4/13

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

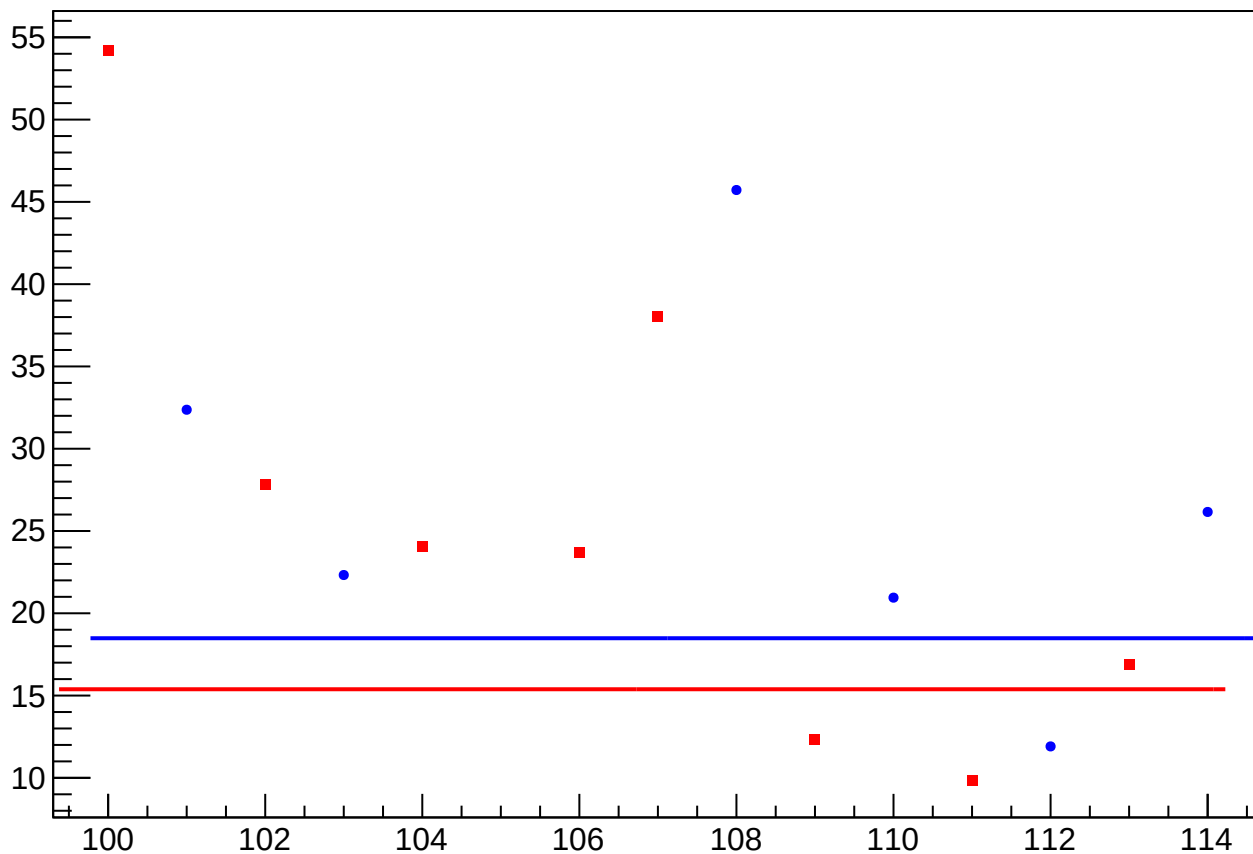
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

In: 0.009 $\pm$ 0.013 χ^2 /NDF:7.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/13

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

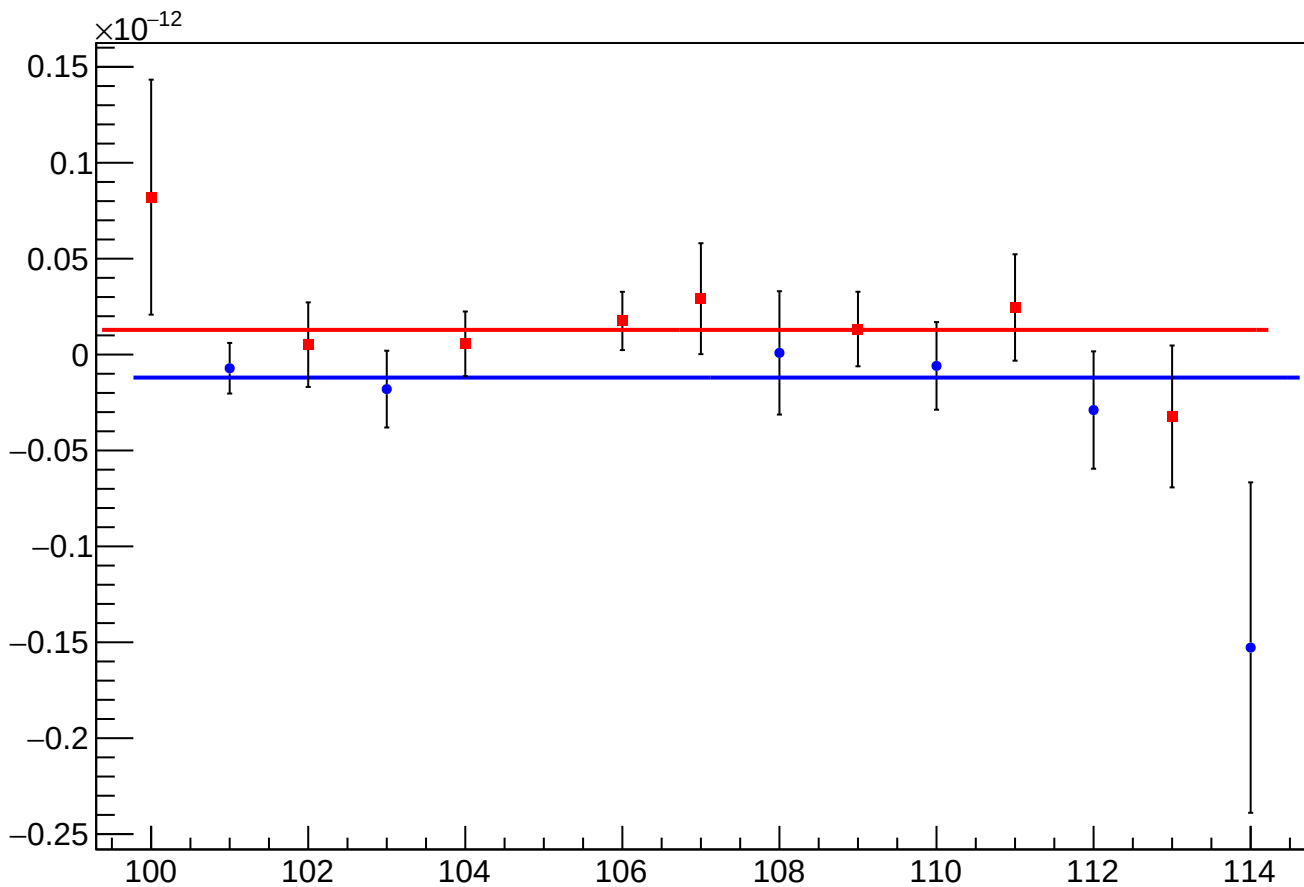
Right: 16.559+/-0.006 χ^2/NDF : 1714805.4/13

In: 18.484+/-0.009 χ^2/NDF : 722374.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.559+/-0.006 χ^2/NDF : 1714805.4/13

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

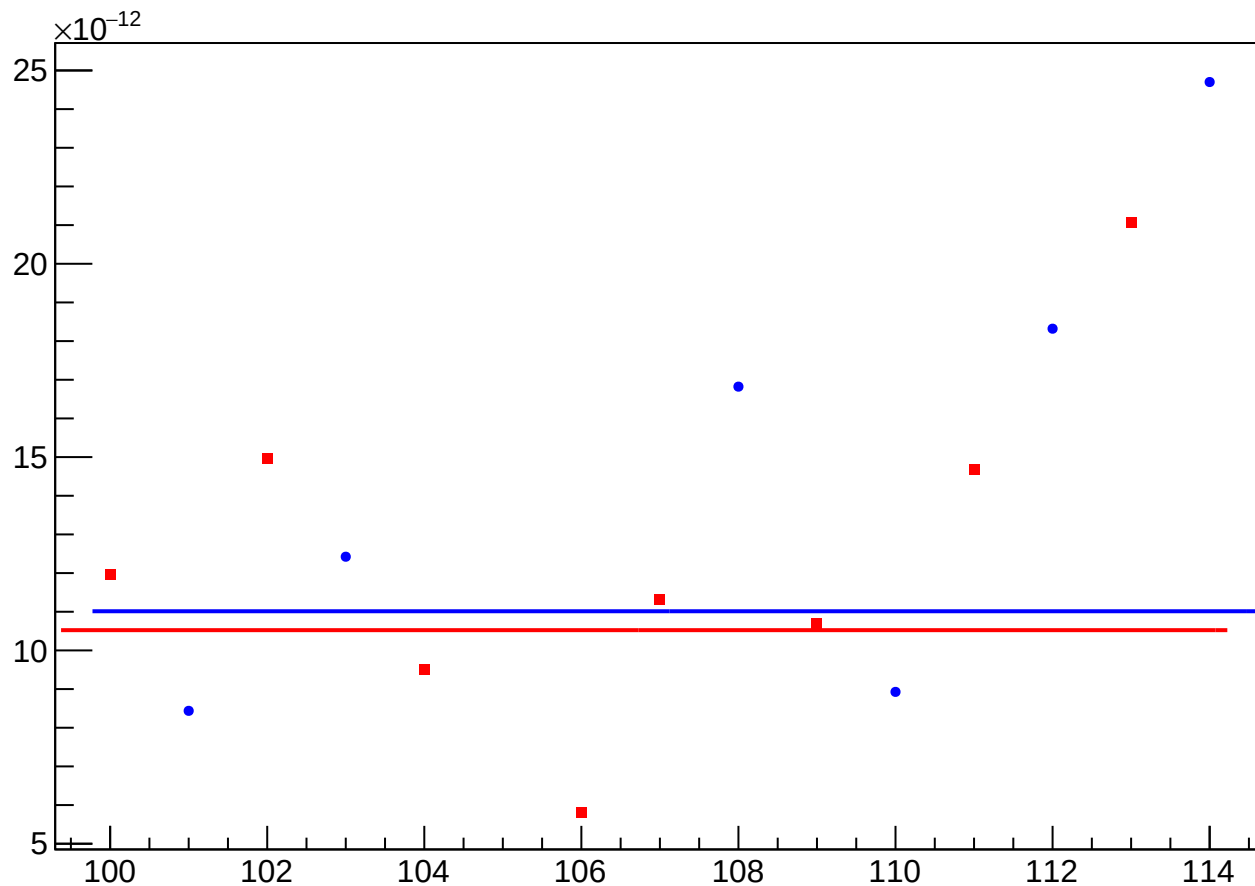
Right: 0.000+/-0.000 χ^2/NDF : 11.4/13

In: -0.000+/-0.000 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/13

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

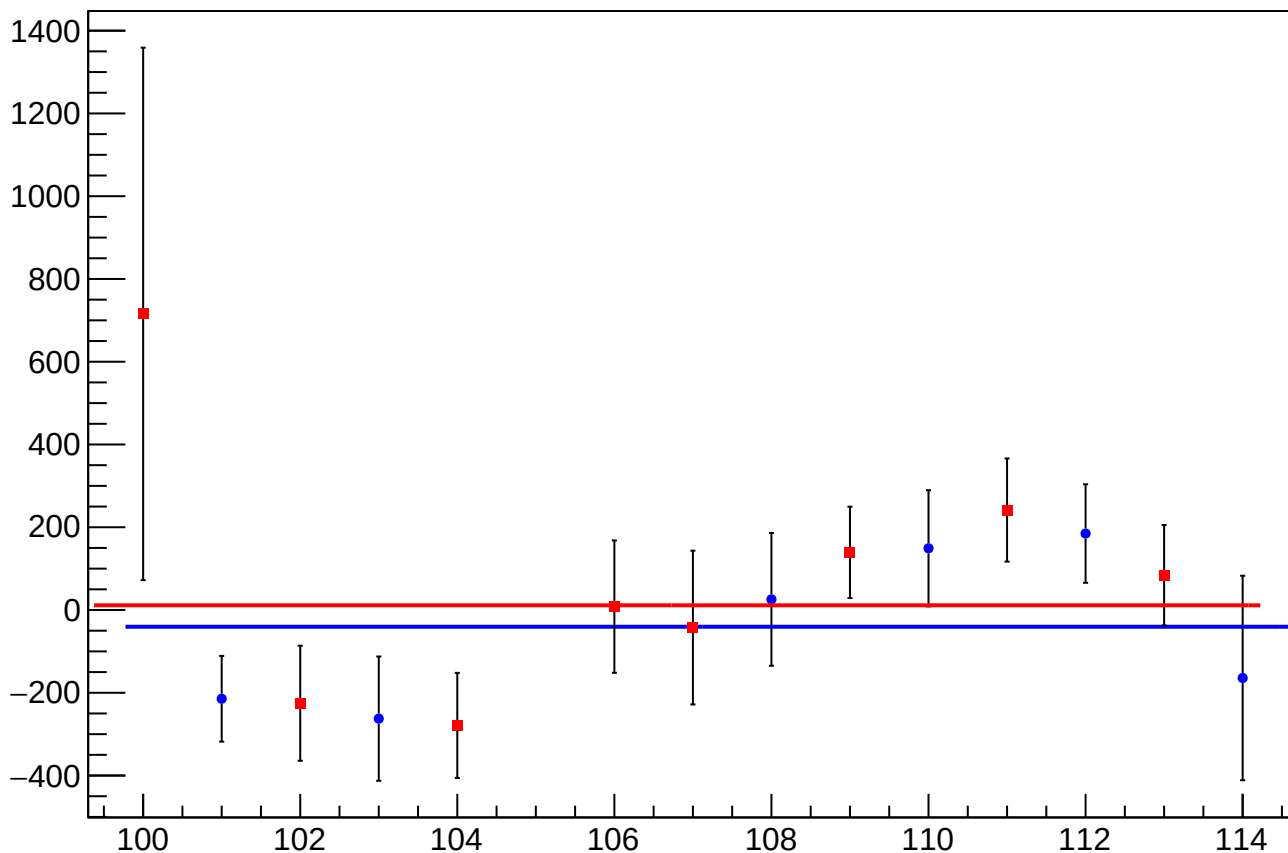
Right: 0.000+/-0.000 χ^2/NDF : 826970.7/13

In: 0.000+/-0.000 χ^2/NDF : 332691.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 826970.7/13

reg_asym_sam6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

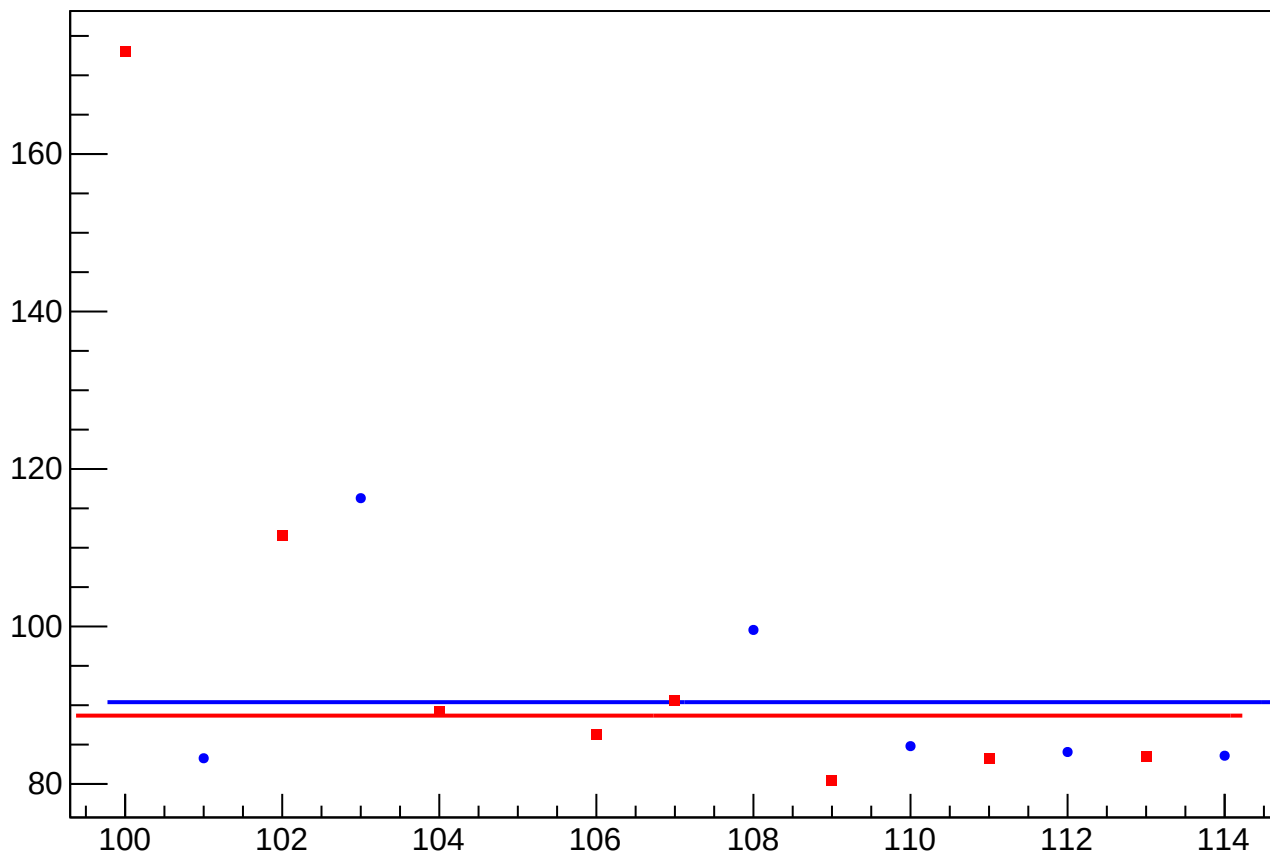
Right: -11.462+/-37.457 χ^2/NDF : 25.8/13

In: -40.454+/-56.424 χ^2/NDF : 10.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.462+/-37.457 χ^2/NDF : 25.8/13

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 90.387+/-0.040 χ^2/NDF : 85853.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.679+/-0.035 χ^2/NDF : 107547.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

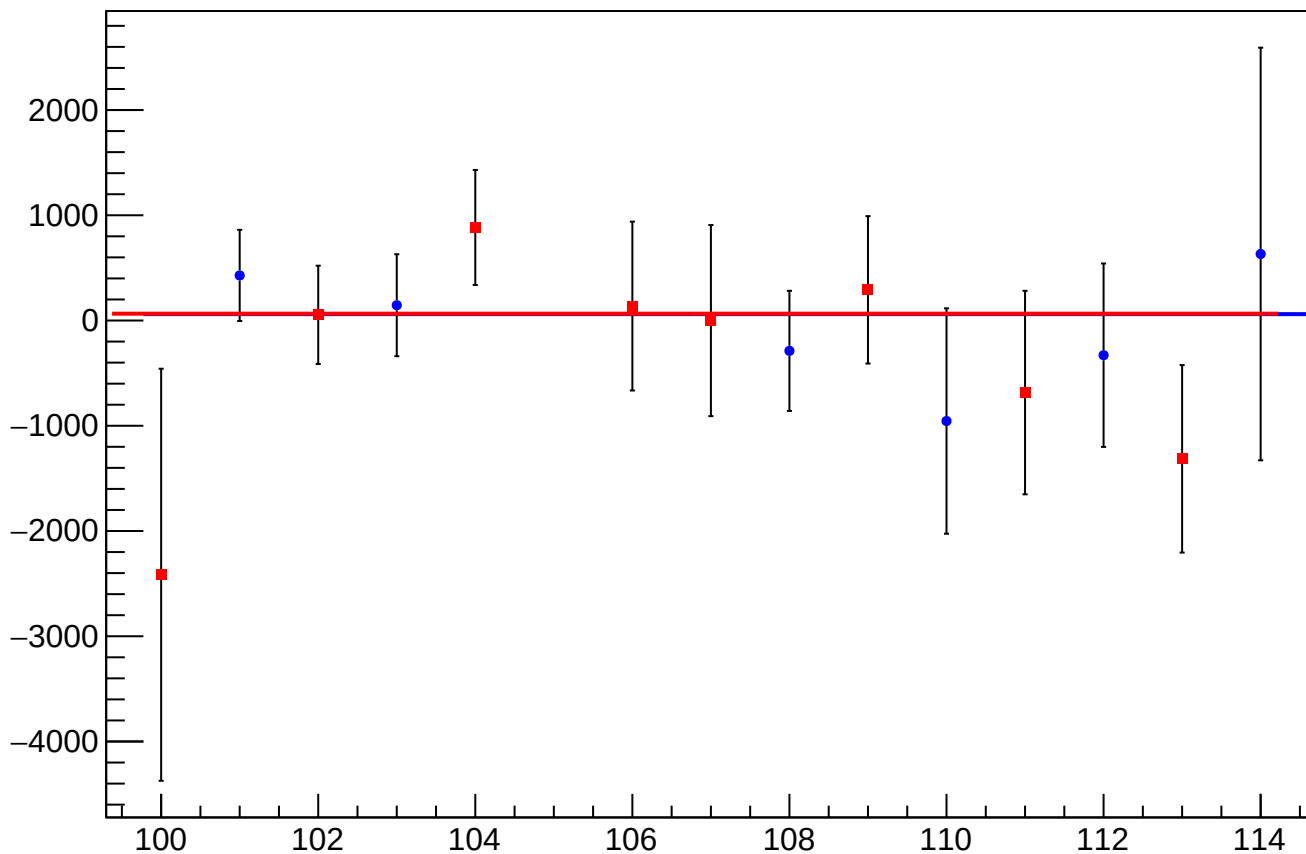
Right: 89.432+/-0.026 χ^2/NDF : 194425.7/13

In: 90.387+/-0.040 χ^2/NDF : 85853.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.432+/-0.026 χ^2/NDF : 194425.7/13

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 60.607+/-257.232 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.928+/-255.387 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

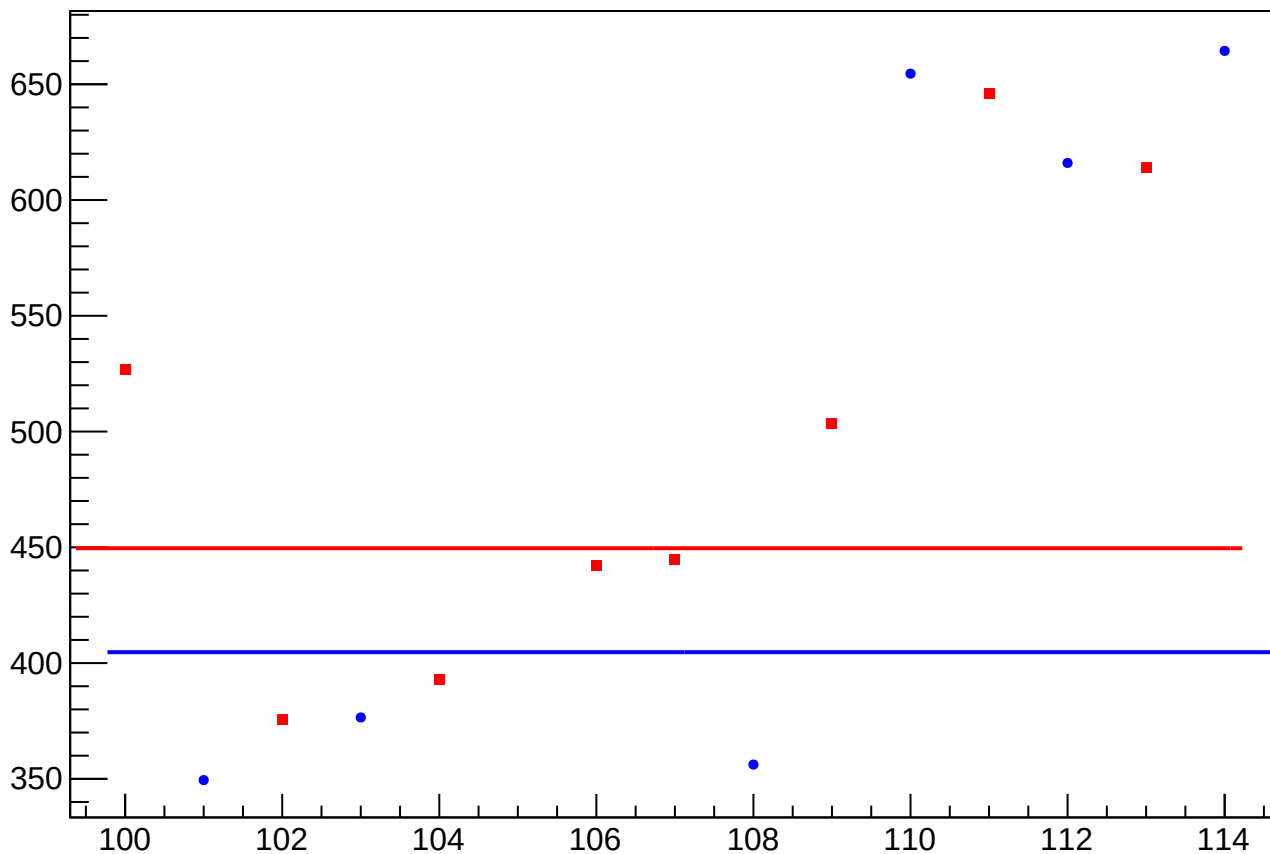
Right: 62.783+/-181.235 χ^2/NDF : 9.3/13

In: 60.607+/-257.232 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.783+/-181.235 χ^2/NDF : 9.3/13

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

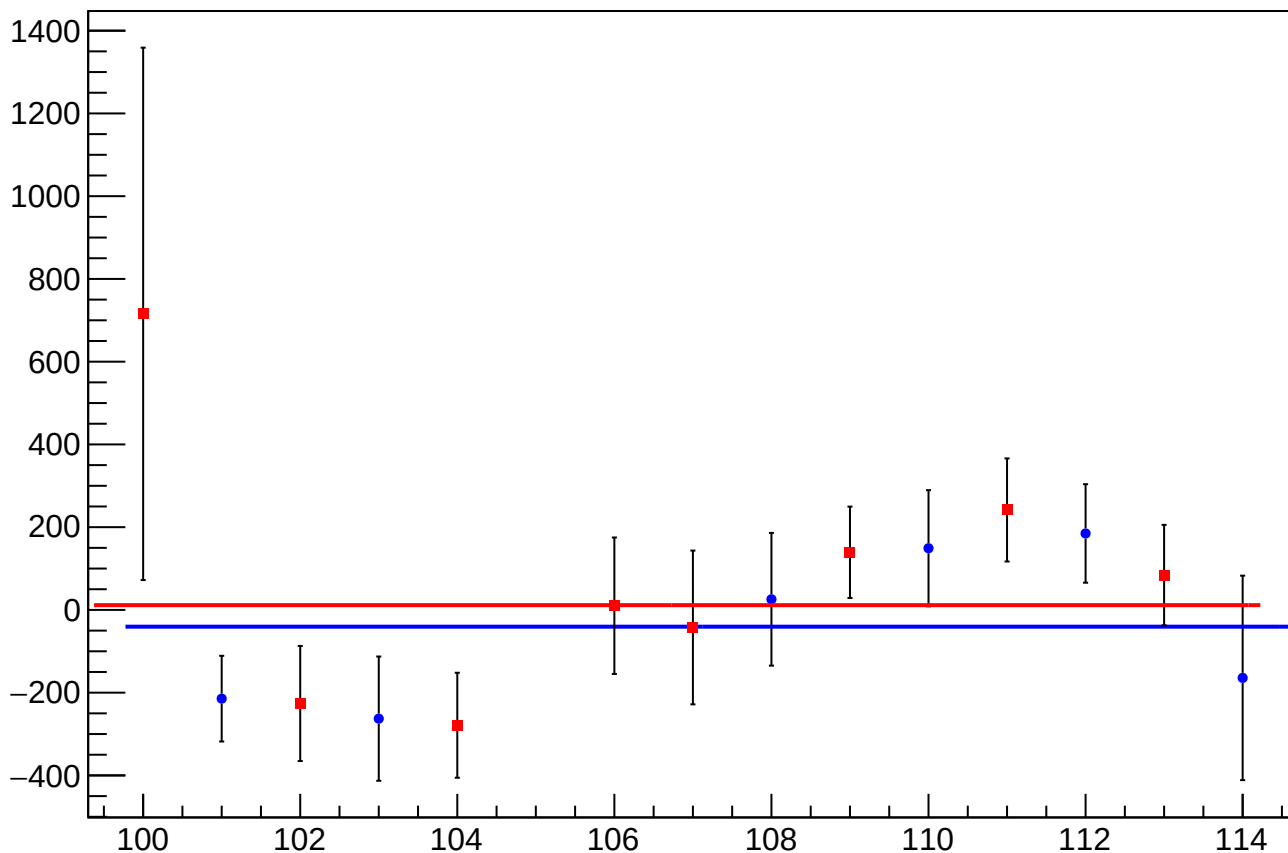
Right: 427.317+/-0.128 χ^2/NDF : 583415.7/13

In: 404.709+/-0.182 χ^2/NDF : 315370.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.317+/-0.128 χ^2/NDF : 583415.7/13

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -40.498 $\pm$ 56.424 χ^2 /NDF: 10.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.517 $\pm$ 50.237 χ^2 /NDF: 14.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

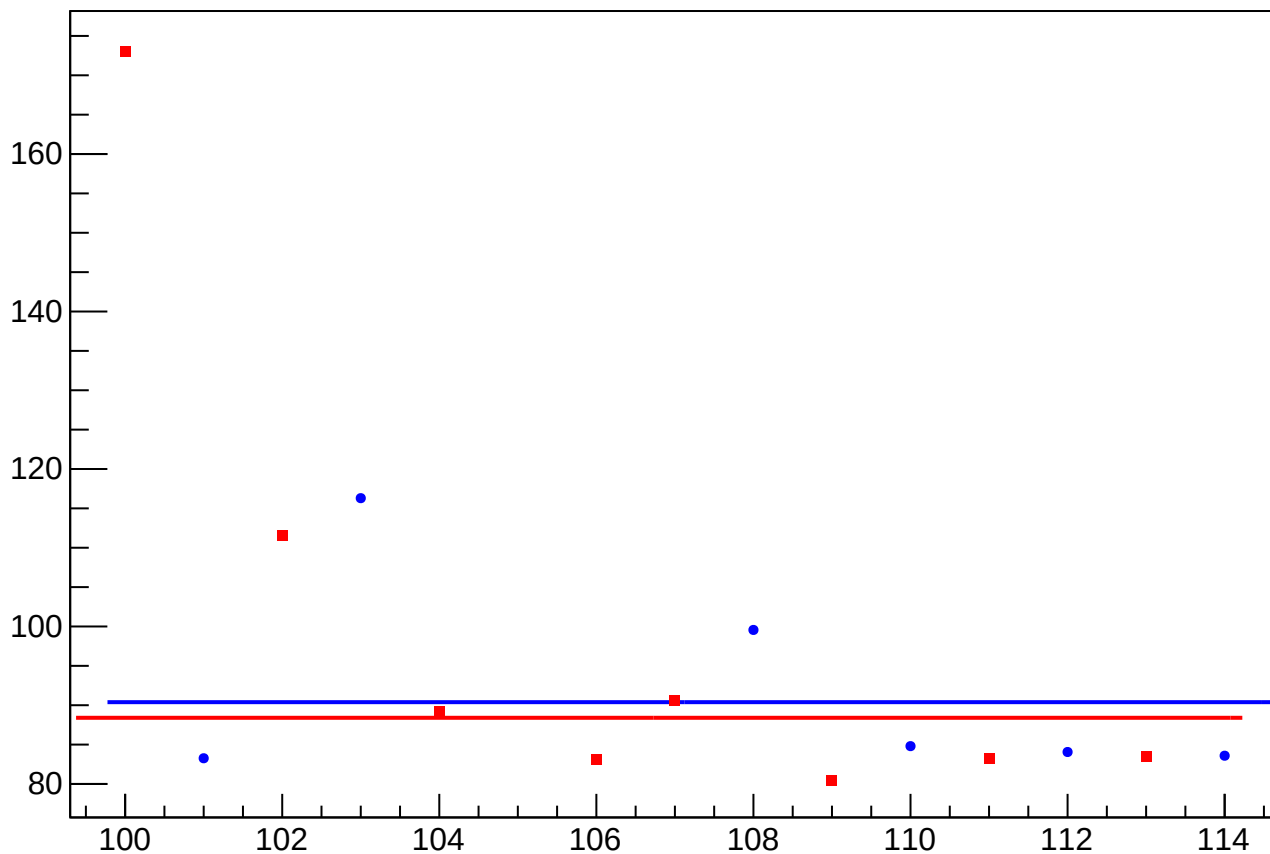
Right: -11.483 $\pm$ 37.520 χ^2 /NDF: 25.9/13

In: -40.498 $\pm$ 56.424 χ^2 /NDF:10.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.483 $\pm$ 37.520 χ^2 /NDF: 25.9/13

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 90.387+/-0.040 χ^2/NDF : 85856.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.403+/-0.036 χ^2/NDF : 109458.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

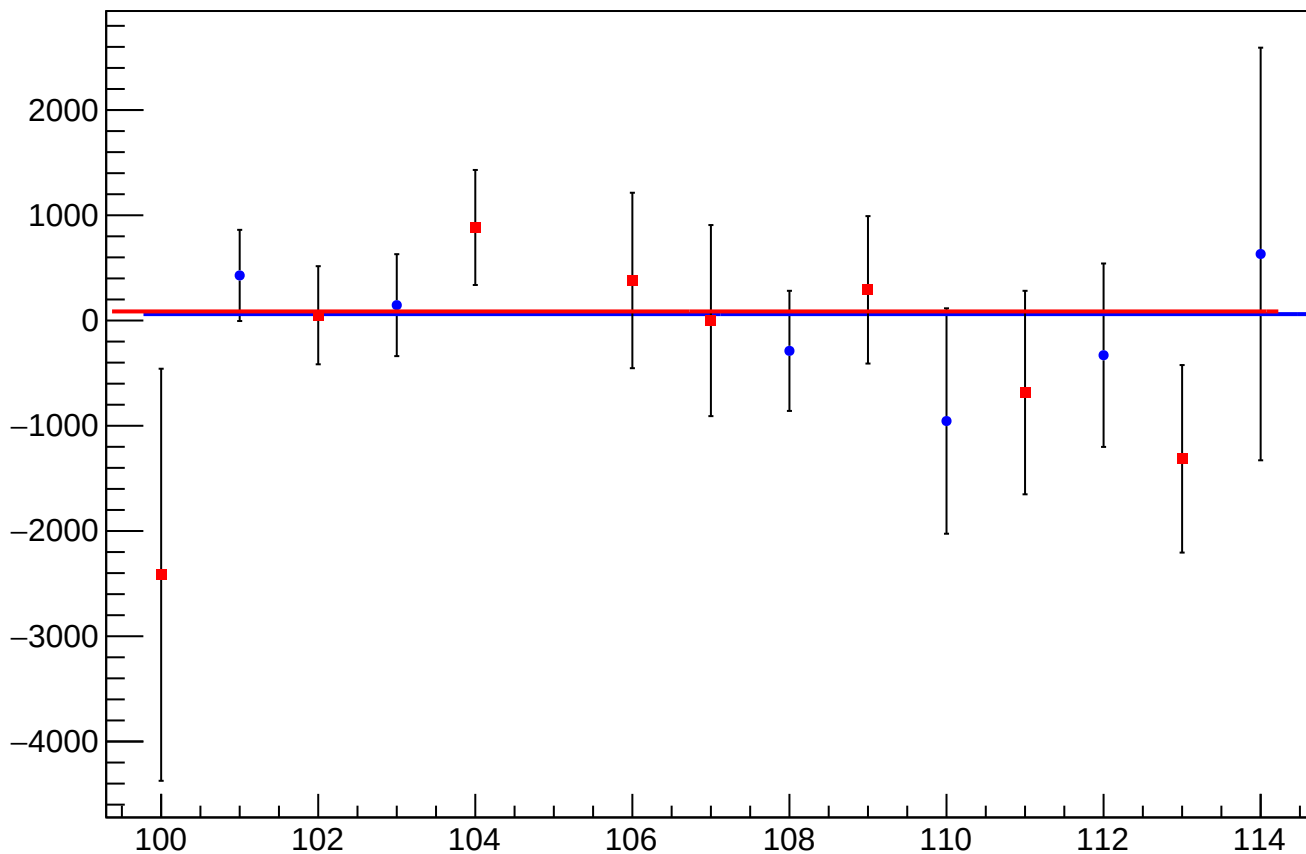
Right: 89.281+/-0.027 χ^2/NDF : 196694.2/13

In: 90.387+/-0.040 χ^2/NDF : 85856.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.281+/-0.027 χ^2/NDF : 196694.2/13

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.797+/-257.222 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.339+/-256.222 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

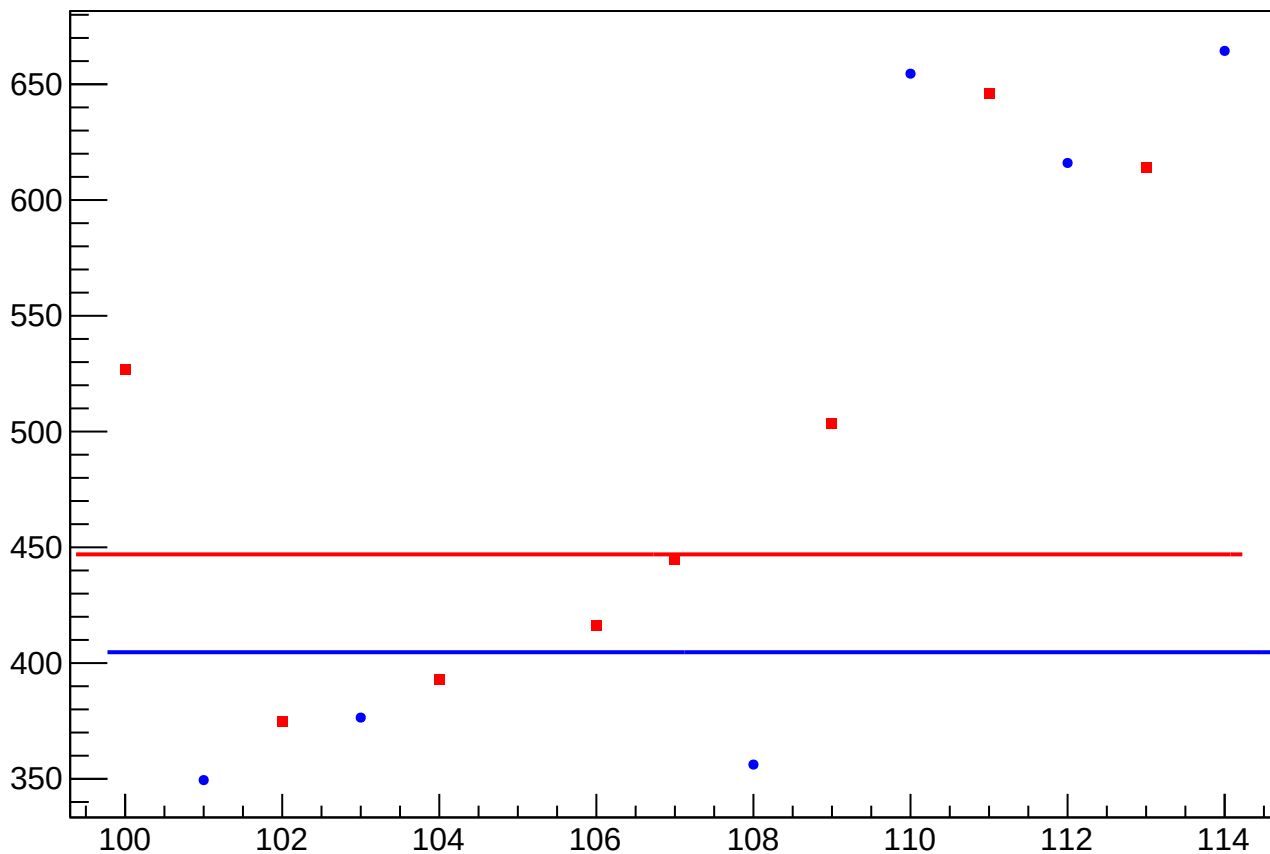
Right: 73.618+/-181.529 χ^2/NDF : 9.4/13

In: 60.797+/-257.222 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.618+/-181.529 χ^2/NDF : 9.4/13

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

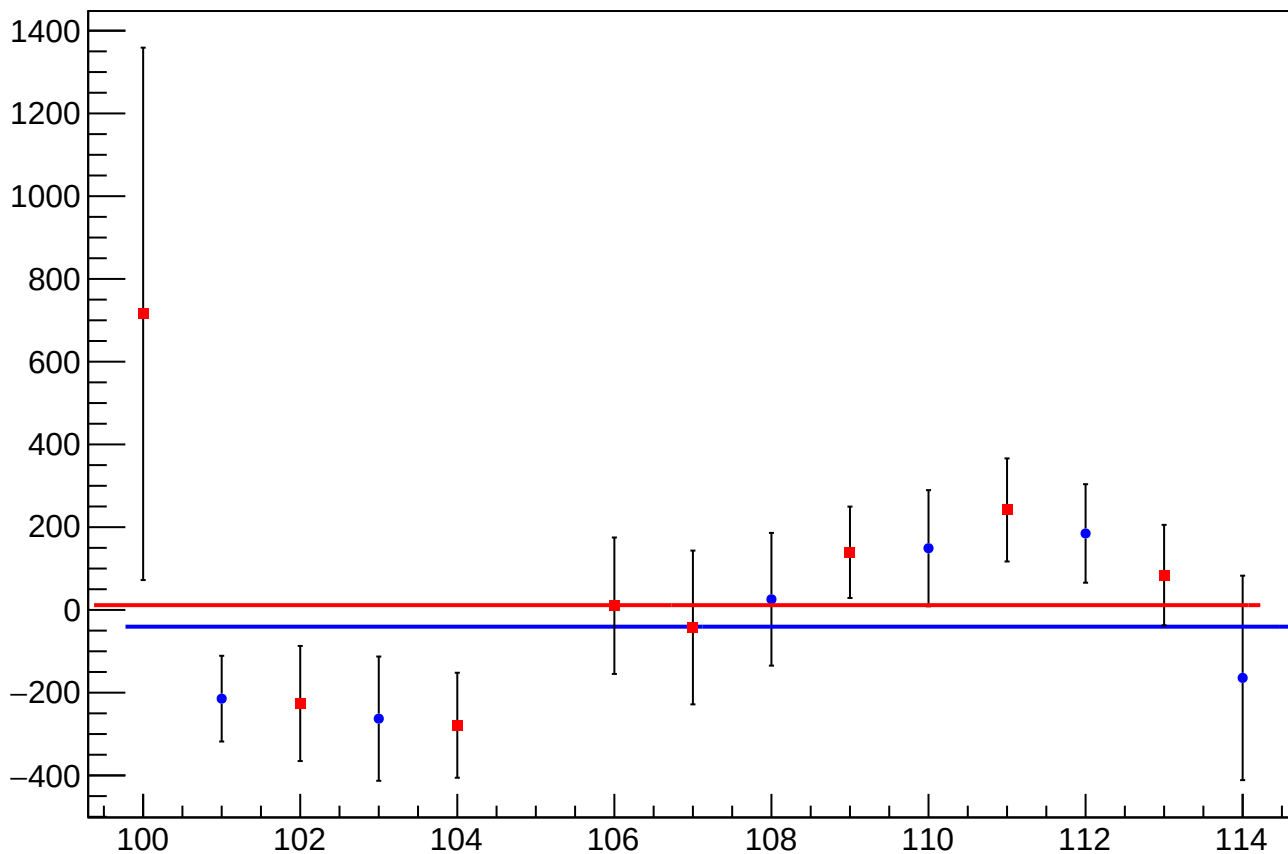
Right: 425.904+/-0.128 χ^2/NDF : 583739.7/13

In: 404.693+/-0.182 χ^2/NDF : 315398.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.904+/-0.128 χ^2/NDF : 583739.7/13

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

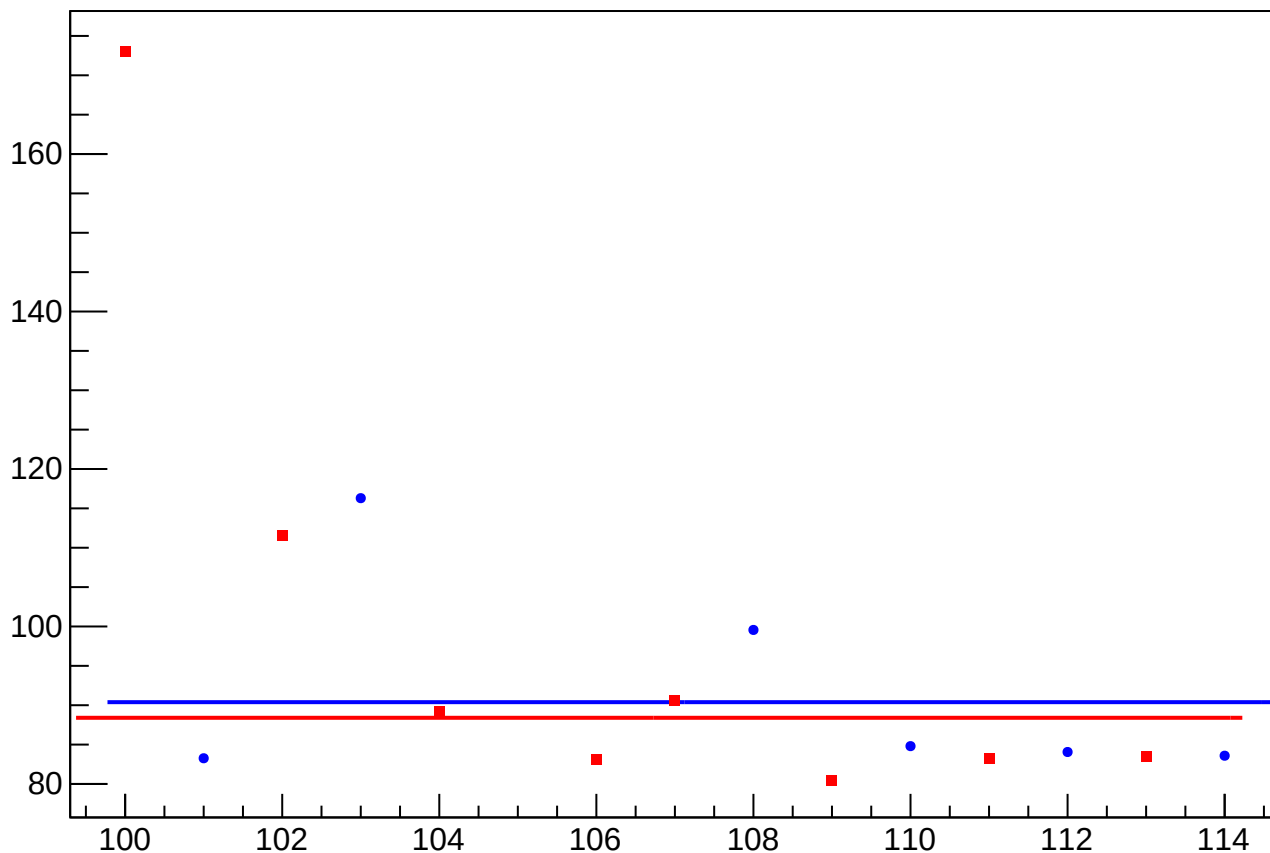
Right: -11.483 ± 37.520 χ^2/NDF : 25.9/13

In: -40.498 ± 56.424 χ^2/NDF : 10.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.483 ± 37.520 χ^2/NDF : 25.9/13

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 90.387+/-0.040 χ^2/NDF : 85856.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.403+/-0.036 χ^2/NDF : 109458.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

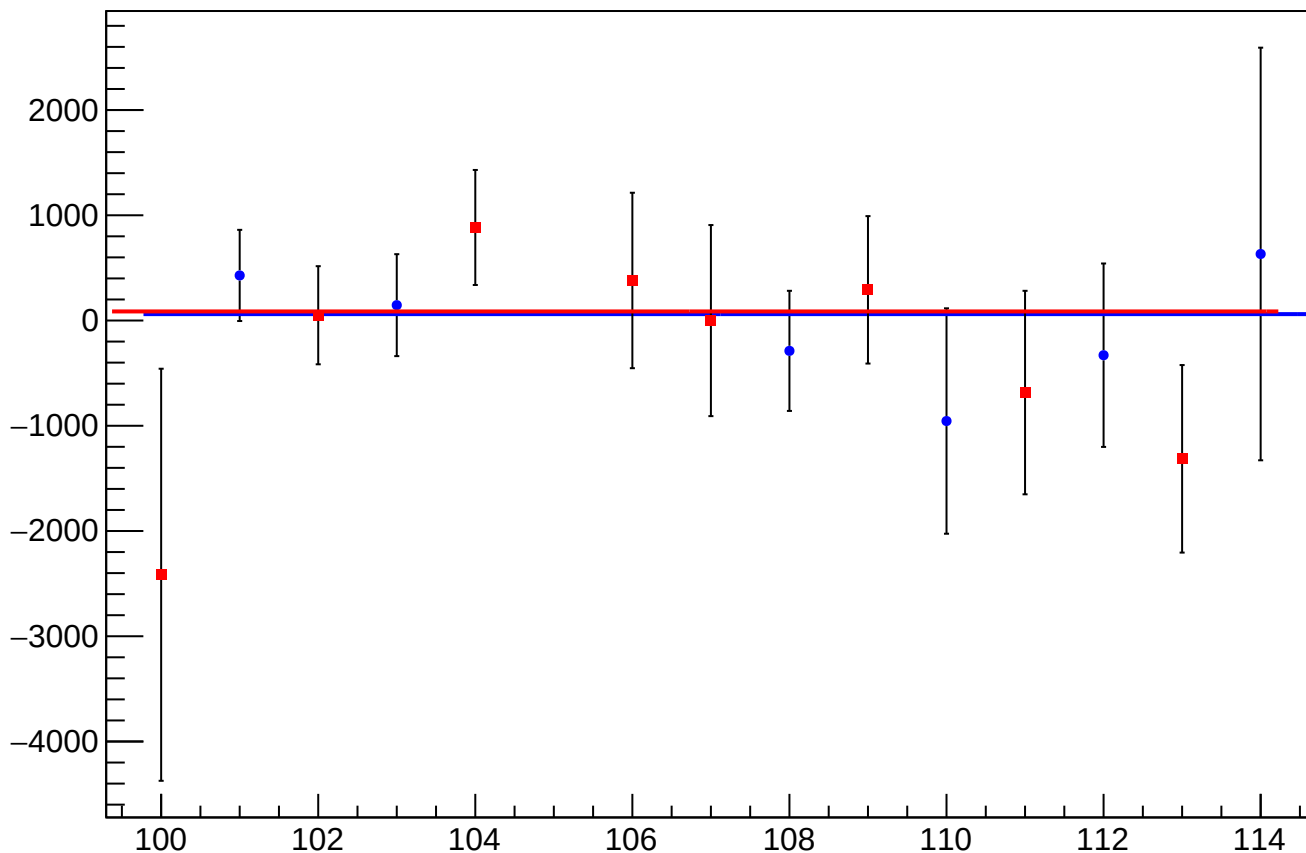
Right: 89.281+/-0.027 χ^2/NDF : 196694.2/13

In: 90.387+/-0.040 χ^2/NDF : 85856.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.281+/-0.027 χ^2/NDF : 196694.2/13

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.797+/-257.222 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.339+/-256.222 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

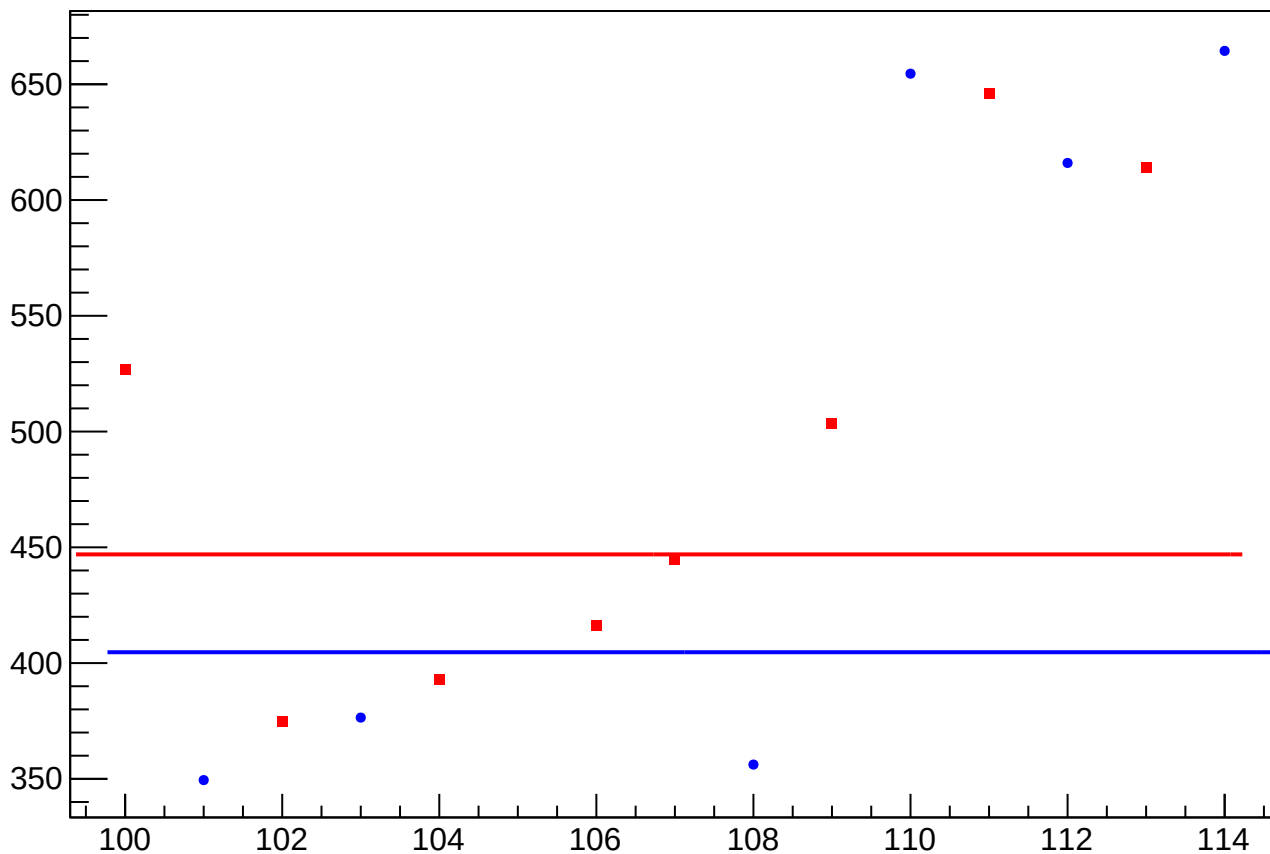
Right: 73.618+/-181.529 χ^2/NDF : 9.4/13

In: 60.797+/-257.222 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.618+/-181.529 χ^2/NDF : 9.4/13

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

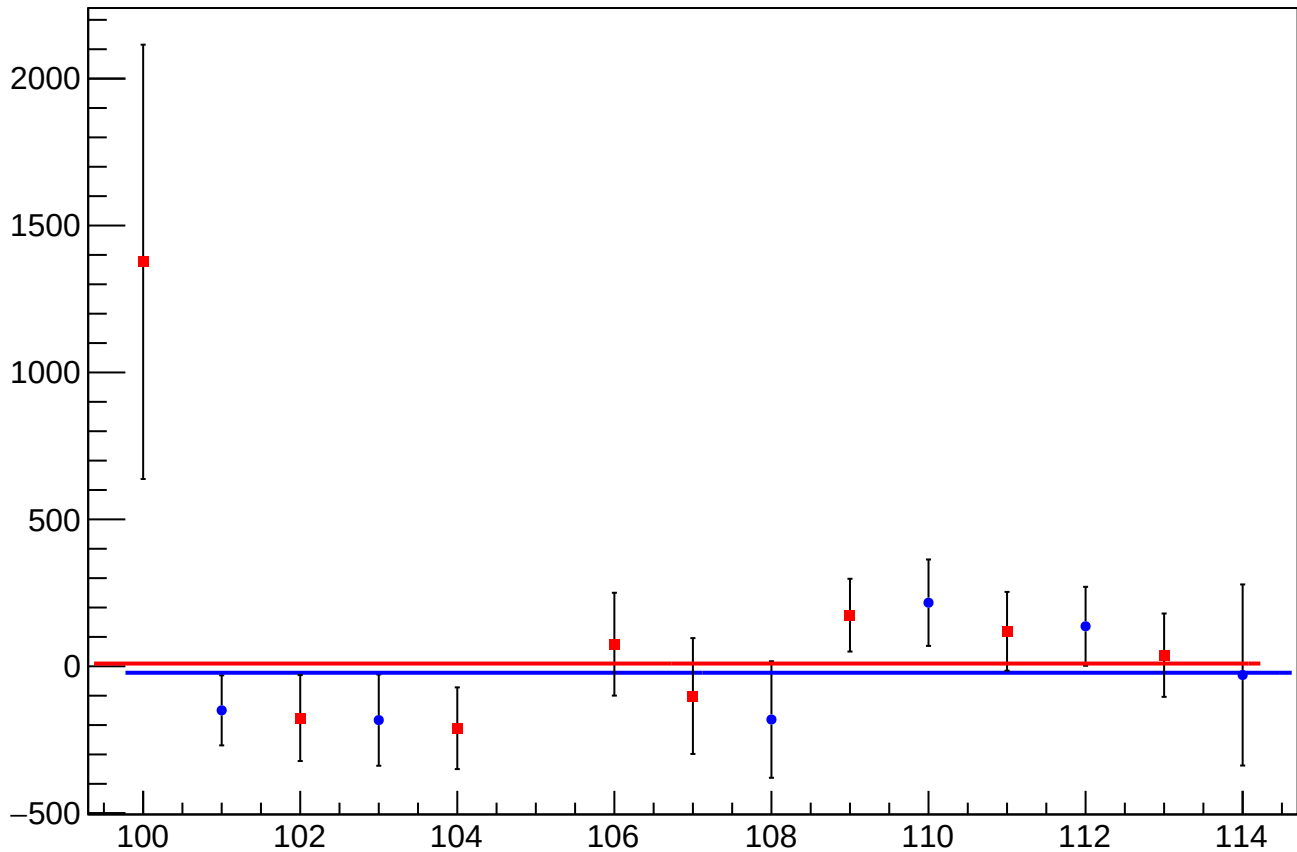
Right: 425.904+/-0.128 χ^2/NDF : 583739.7/13

In: 404.693+/-0.182 χ^2/NDF : 315398.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.904+/-0.128 χ^2/NDF : 583739.7/13

dit_asym_sam6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

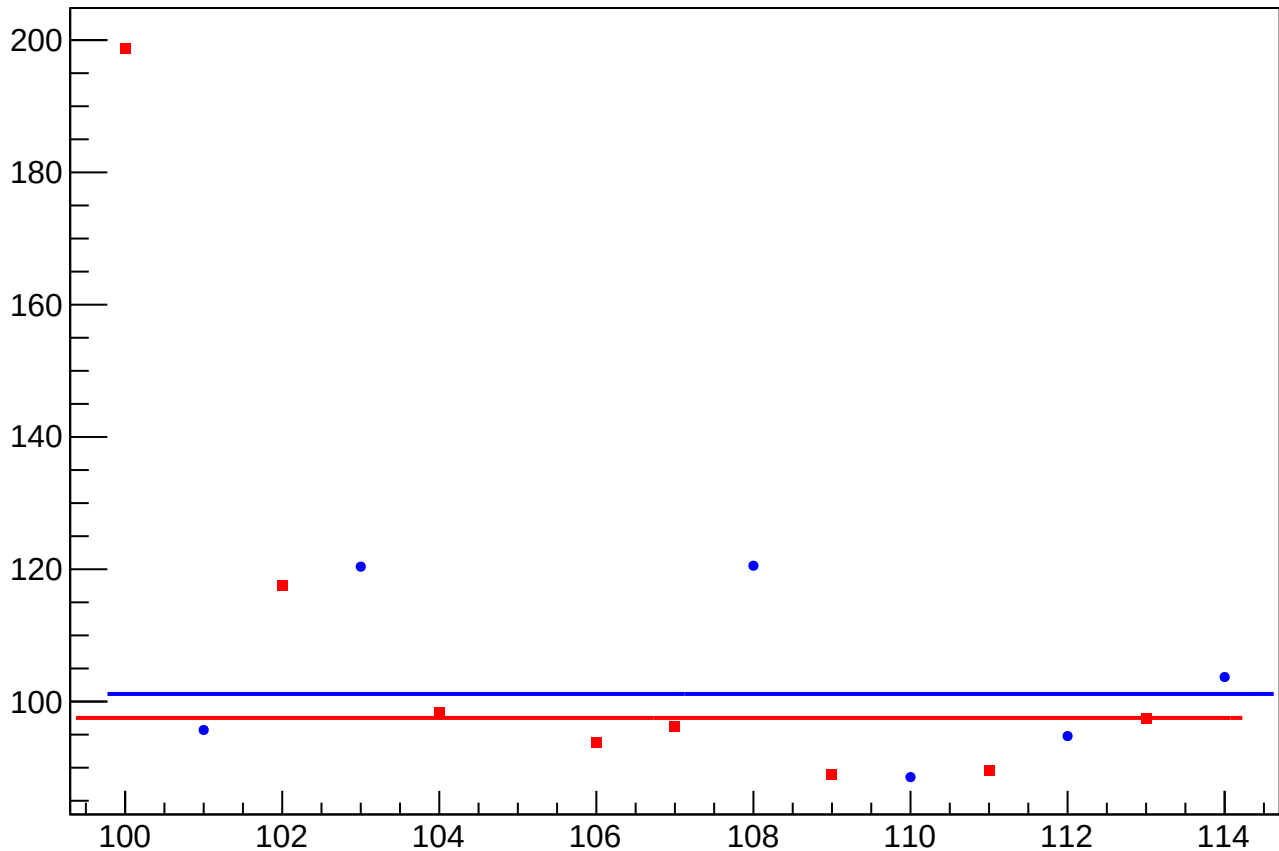
Right: -4.138+/-41.573 χ^2 /NDF: 17.5/13

In: -21.974+/-63.329 χ^2 /NDF:6.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.138+/-41.573 χ^2 /NDF: 17.5/13

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 101.149+/-0.045 χ^2/NDF : 73213.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.523+/-0.039 χ^2/NDF : 92622.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

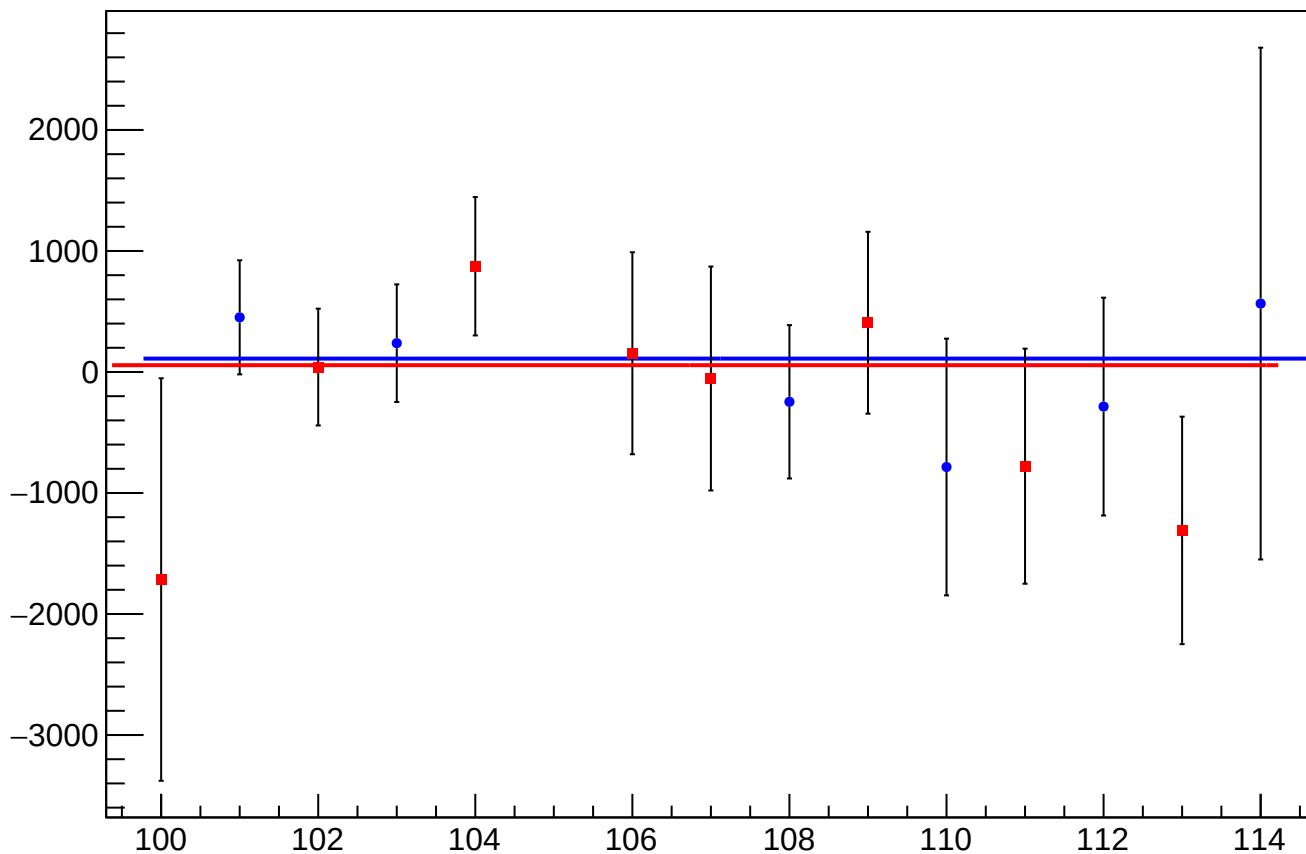
Right: 99.086+/-0.029 χ^2/NDF : 169565.6/13

In: 101.149+/-0.045 χ^2/NDF : 73213.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.086+/-0.029 χ^2/NDF : 169565.6/13

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

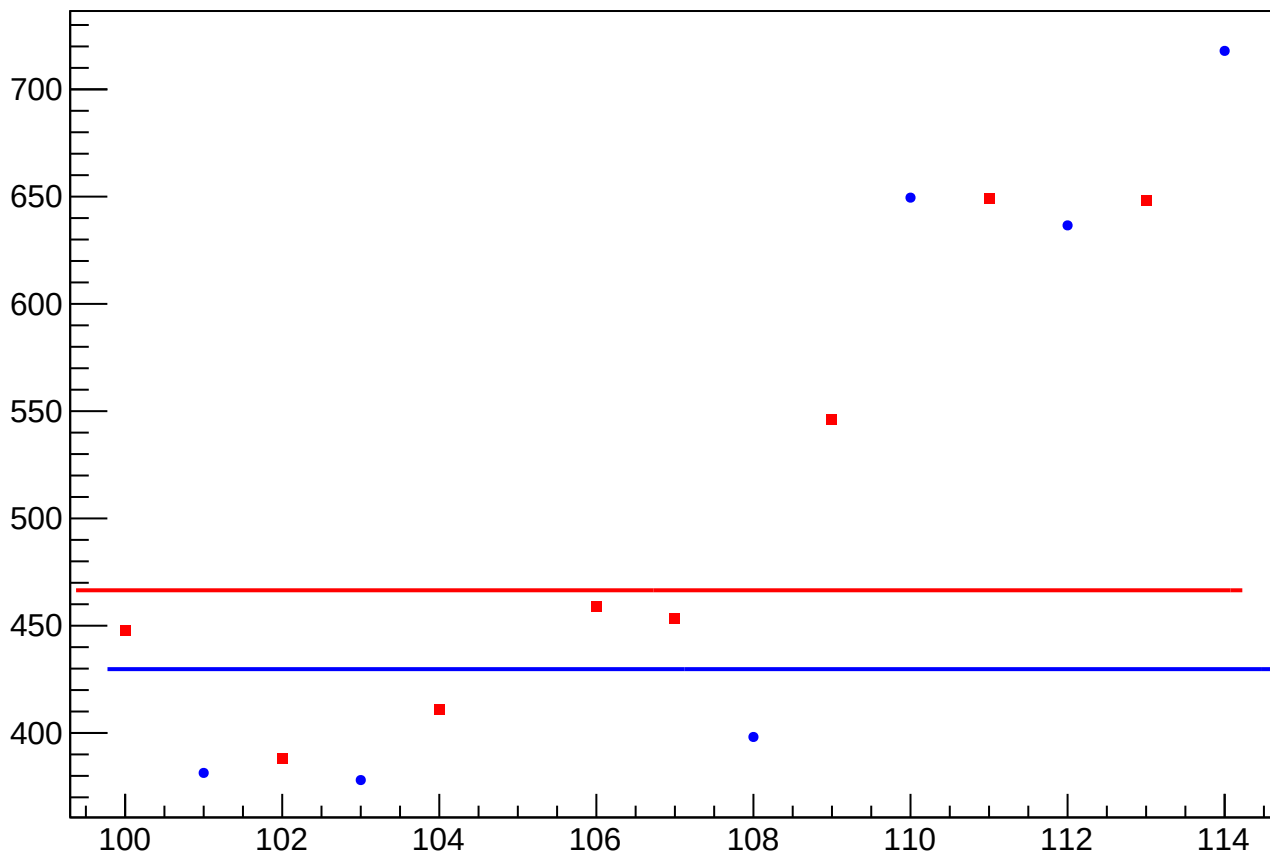
Right: 82.670 $\pm$ 189.492 χ^2 /NDF: 8.2/13

In: 110.612 $\pm$ 271.478 χ^2 /NDF:1.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.670 $\pm$ 189.492 χ^2 /NDF: 8.2/13

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

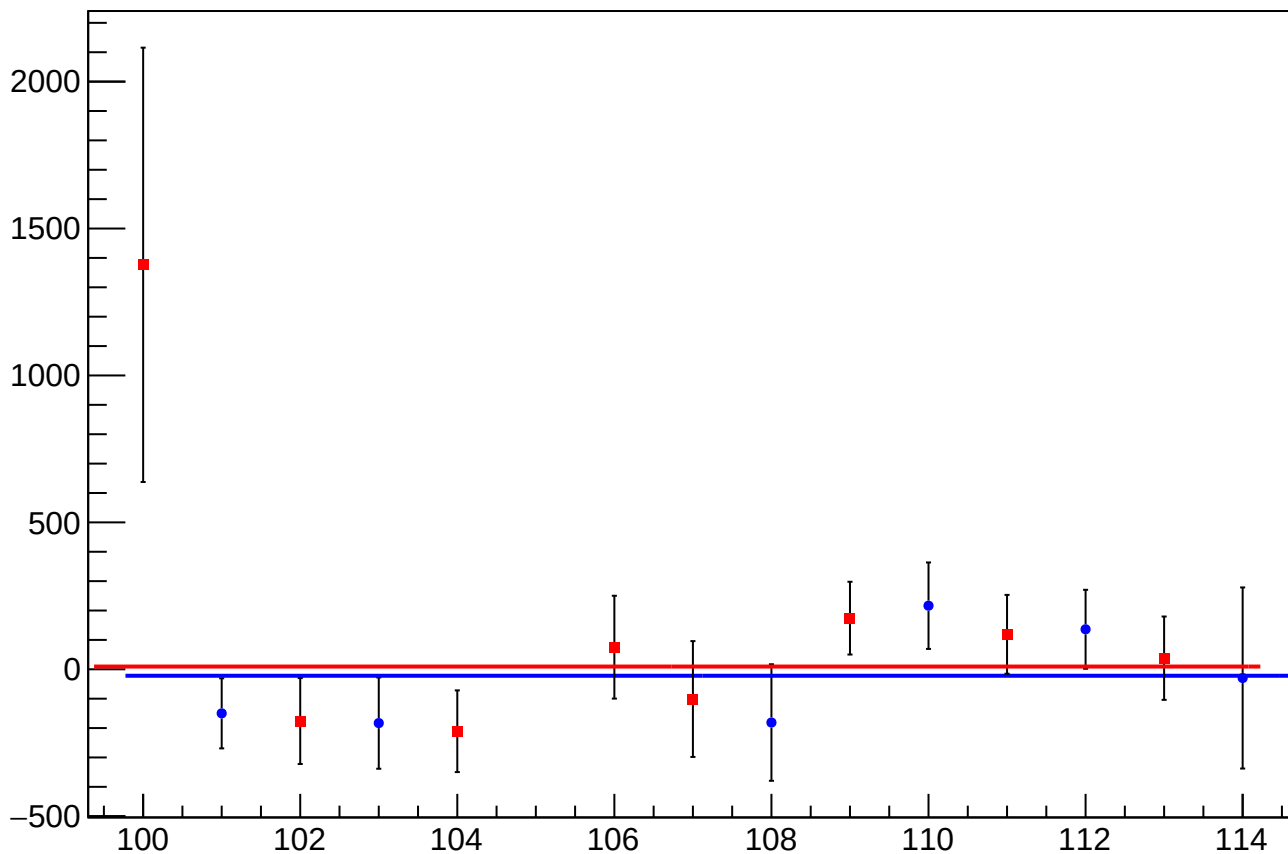
Right: 448.600+/-0.134 χ^2/NDF : 536568.9/13

In: 429.753+/-0.192 χ^2/NDF : 277280.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.600+/-0.134 χ^2/NDF : 536568.9/13

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

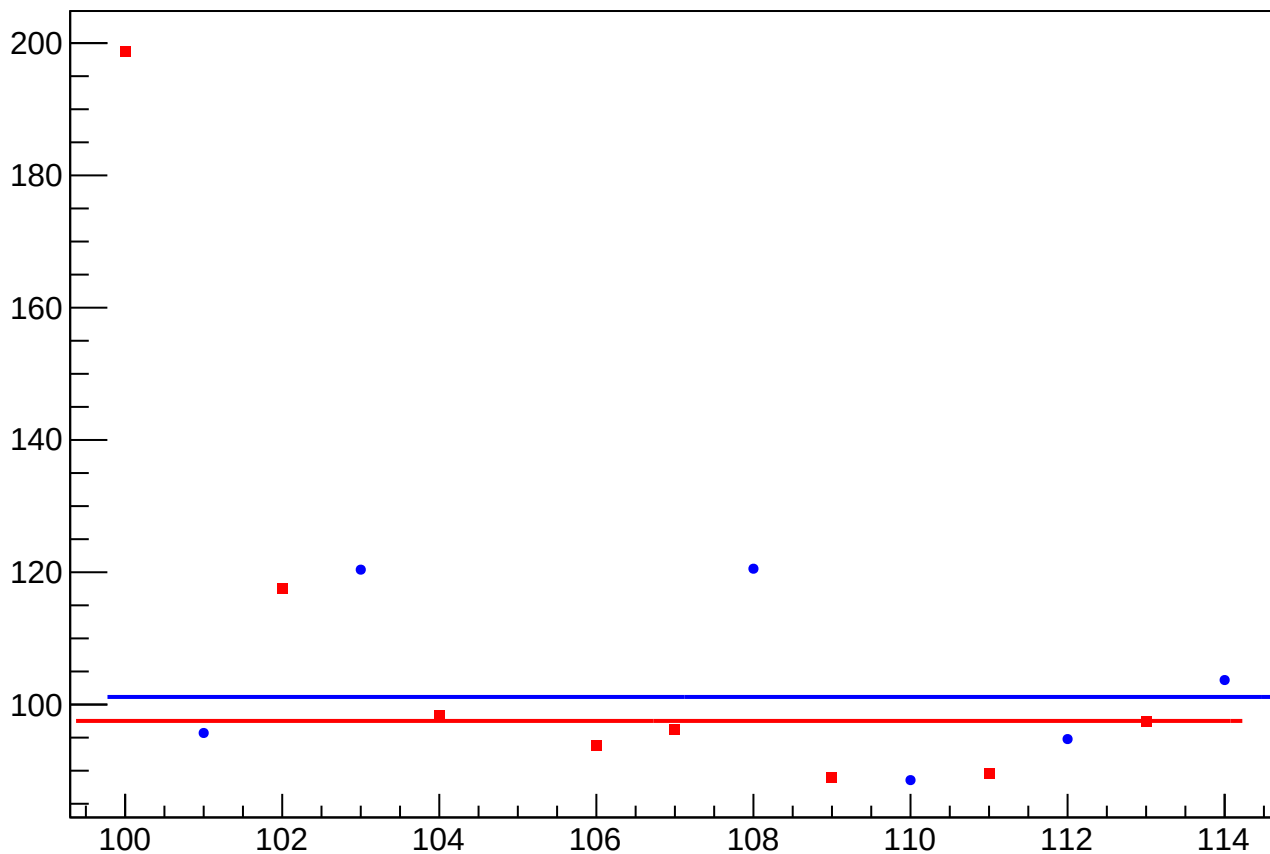
Right: -4.138+/-41.573 χ^2/NDF : 17.5/13

In: -21.976+/-63.329 χ^2/NDF :6.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.138+/-41.573 χ^2/NDF : 17.5/13

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 101.149+/-0.045 χ^2/NDF : 73215.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.523+/-0.039 χ^2/NDF : 92623.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

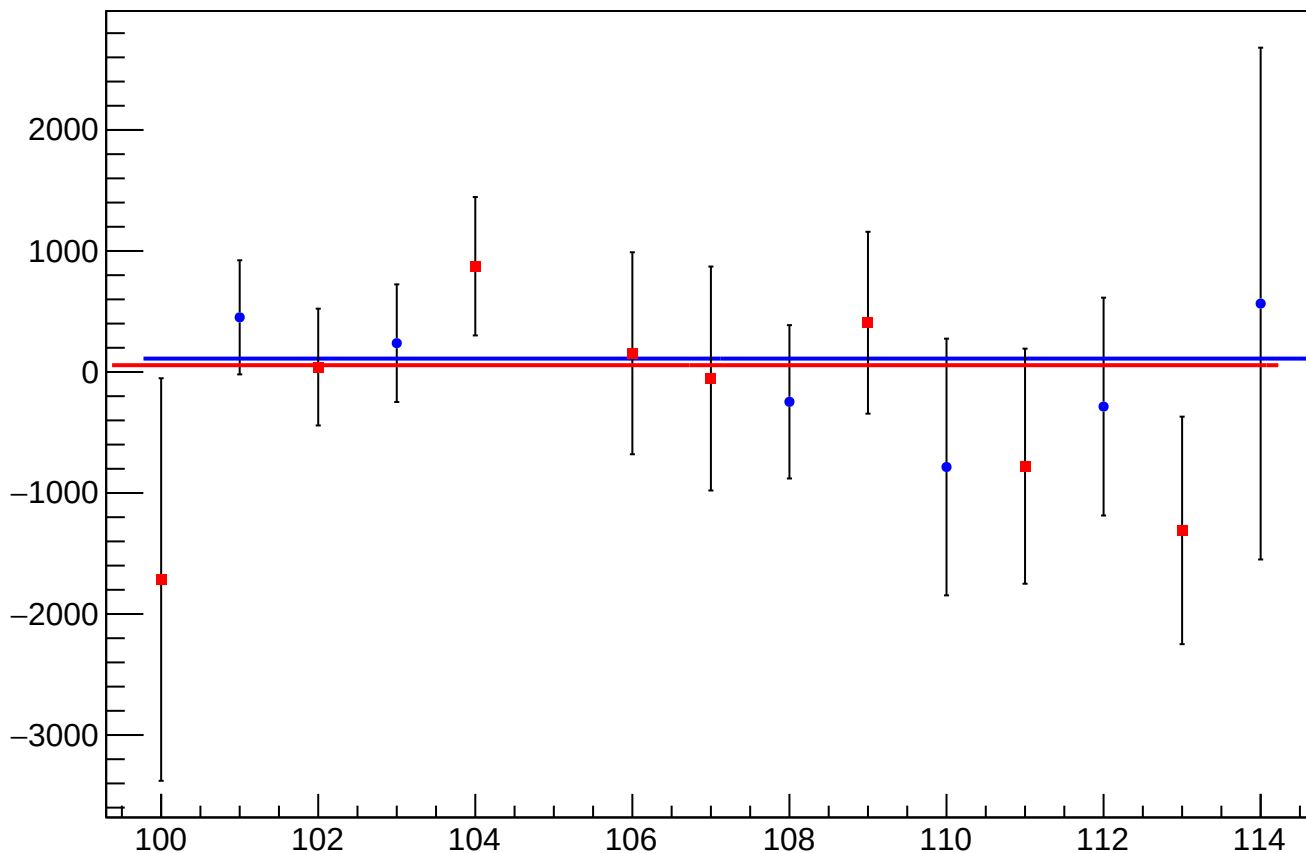
Right: 99.085+/-0.029 χ^2/NDF : 169569.1/13

In: 101.149+/-0.045 χ^2/NDF : 73215.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.085+/-0.029 χ^2/NDF : 169569.1/13

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

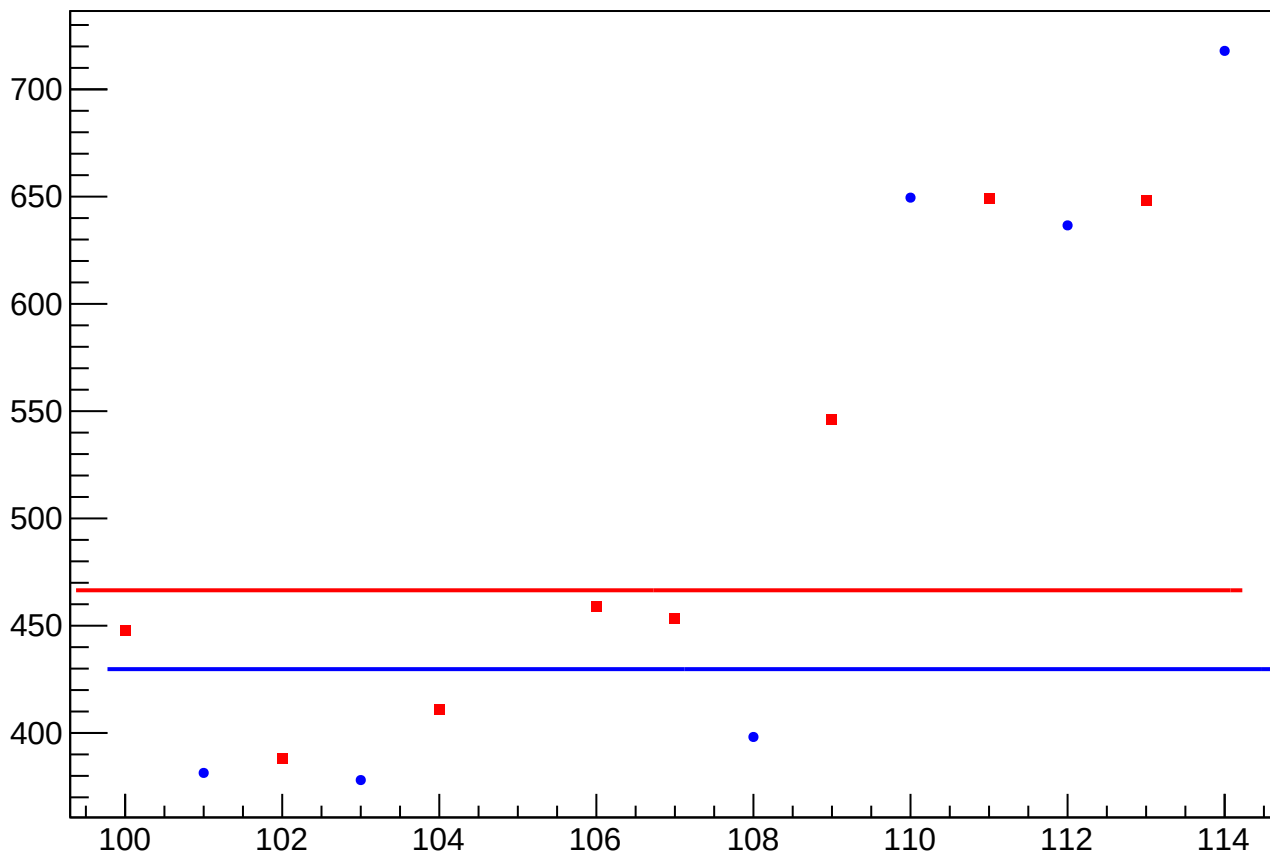
Right: 82.671 $\pm$ 189.491 χ^2 /NDF: 8.2/13

In: 110.612 $\pm$ 271.478 χ^2 /NDF:1.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.671 $\pm$ 189.491 χ^2 /NDF: 8.2/13

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

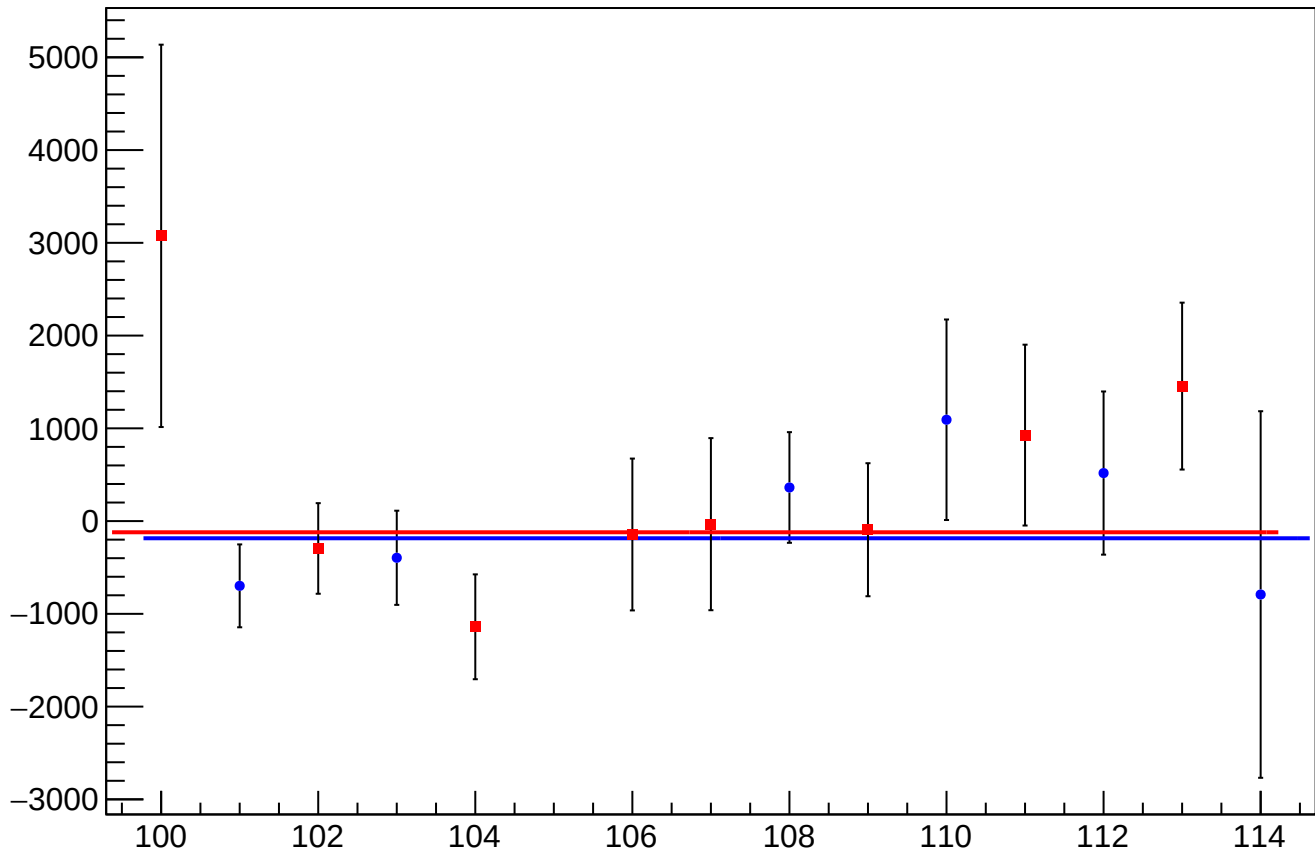
Right: 448.600+/-0.134 χ^2/NDF : 536571.8/13

In: 429.753+/-0.192 χ^2/NDF :277282.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 448.600+/-0.134 χ^2/NDF : 536571.8/13

asym_sam6_mean vs Slug, Sign Corrected



Right In: -185.238+/-266.282 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.574+/-263.117 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

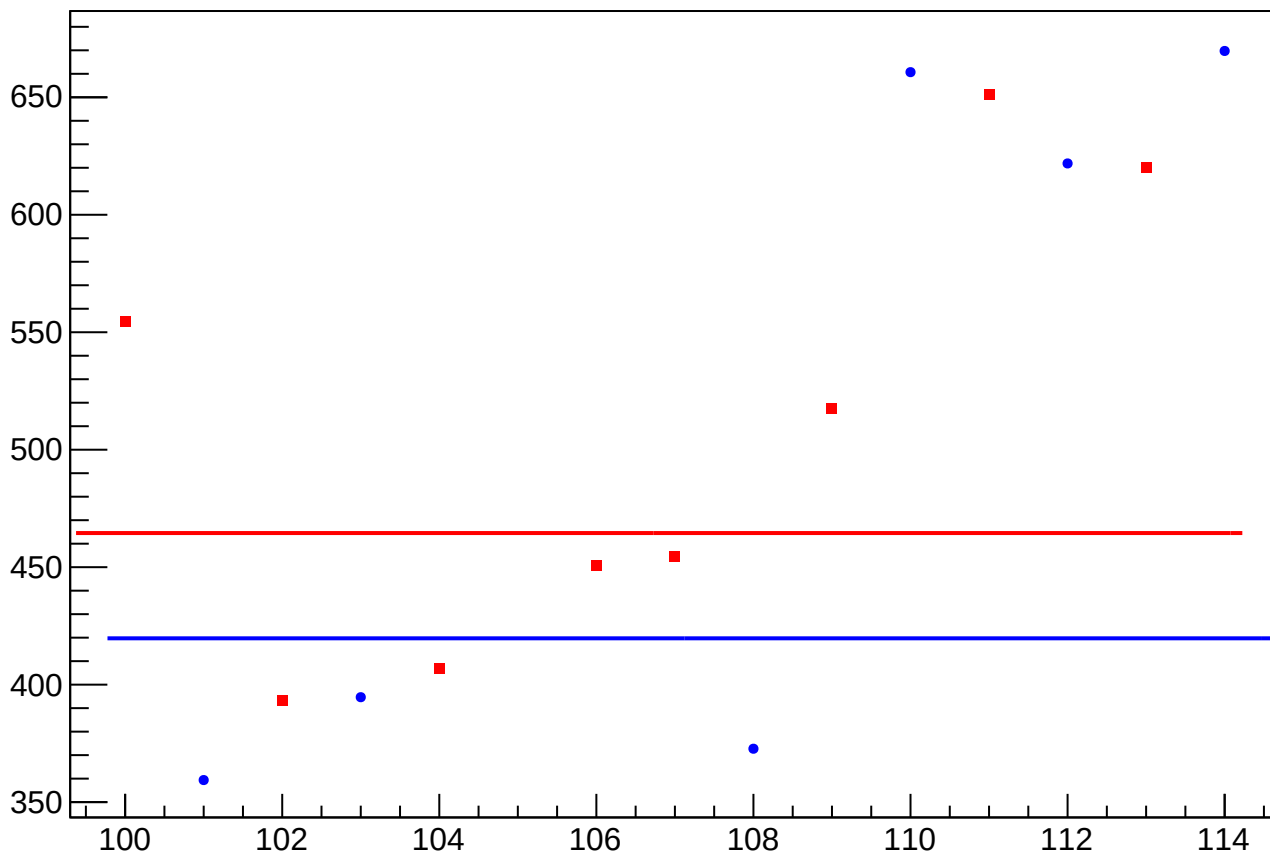
Right: -152.519+/-187.161 χ^2/NDF : 14.5/13

In: -185.238+/-266.282 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.519+/-187.161 χ^2/NDF : 14.5/13

asym_sam6_rms vs Slug, Sign Corrected



Right In: 419.720+/-0.188 χ^2/NDF : 290753.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.528+/-0.186 χ^2/NDF : 212568.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

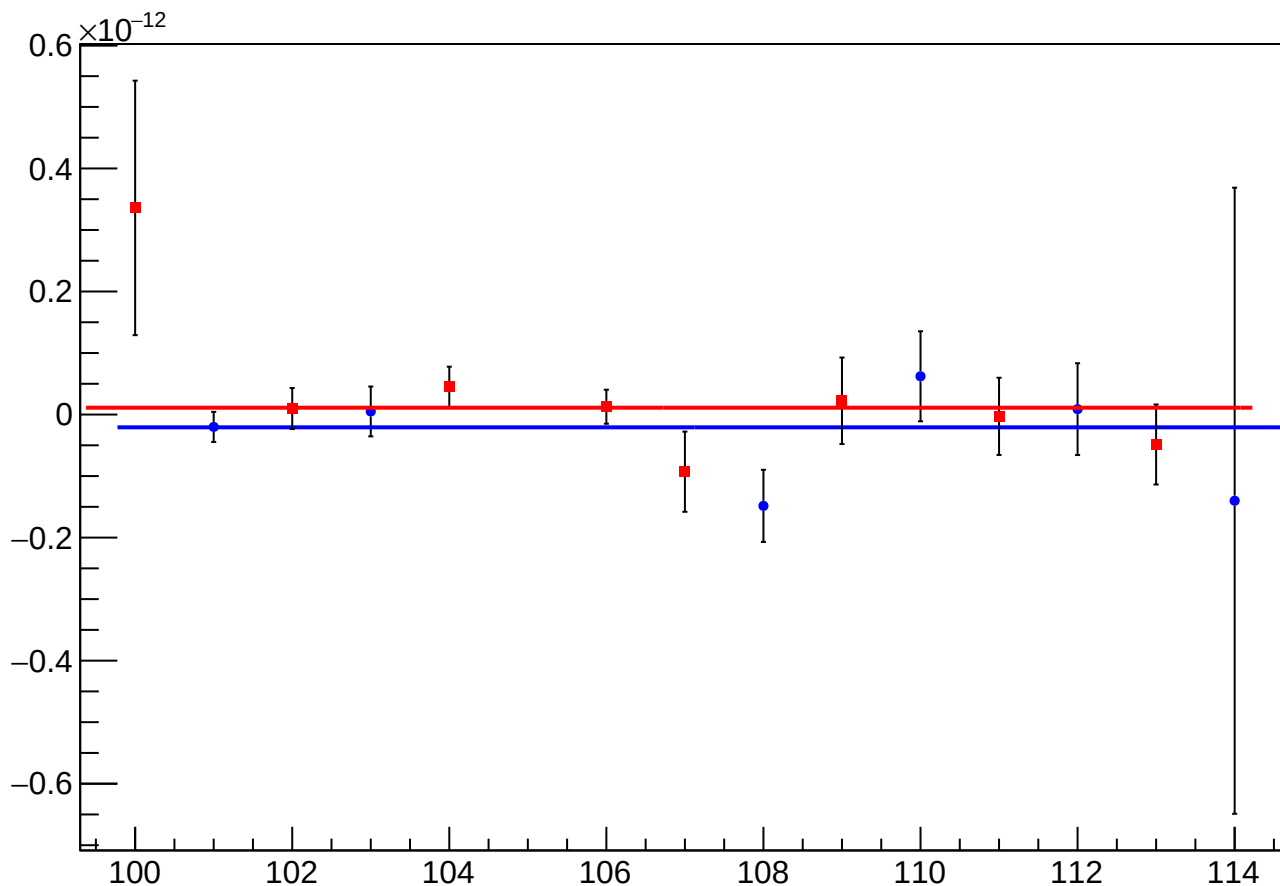
Right: 442.392+/-0.132 χ^2/NDF : 531975.5/13

In: 419.720+/-0.188 χ^2/NDF : 290753.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.392+/-0.132 χ^2/NDF : 531975.5/13

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

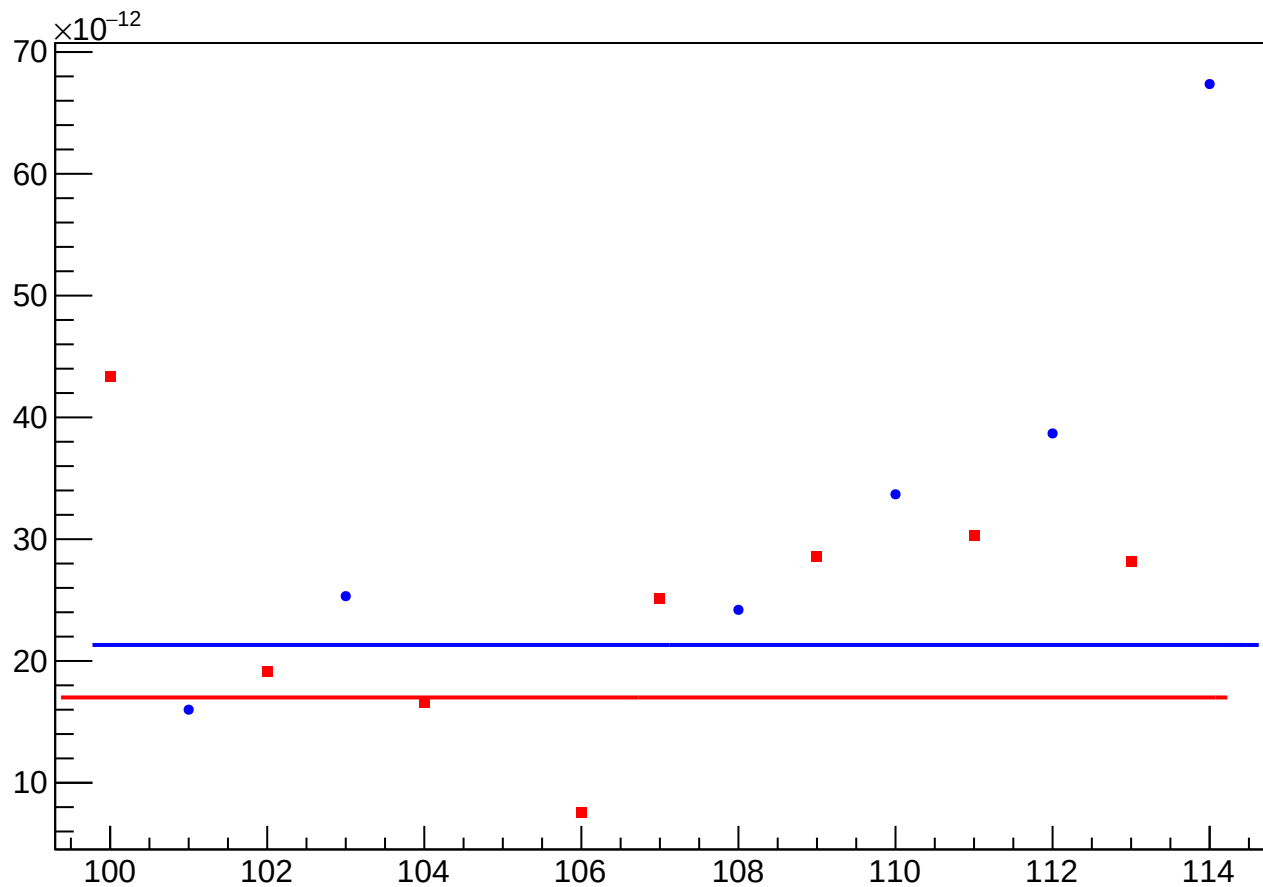
Right: -0.000+/-0.000 χ^2/NDF : 15.4/13

In: -0.000+/-0.000 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.4/13

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

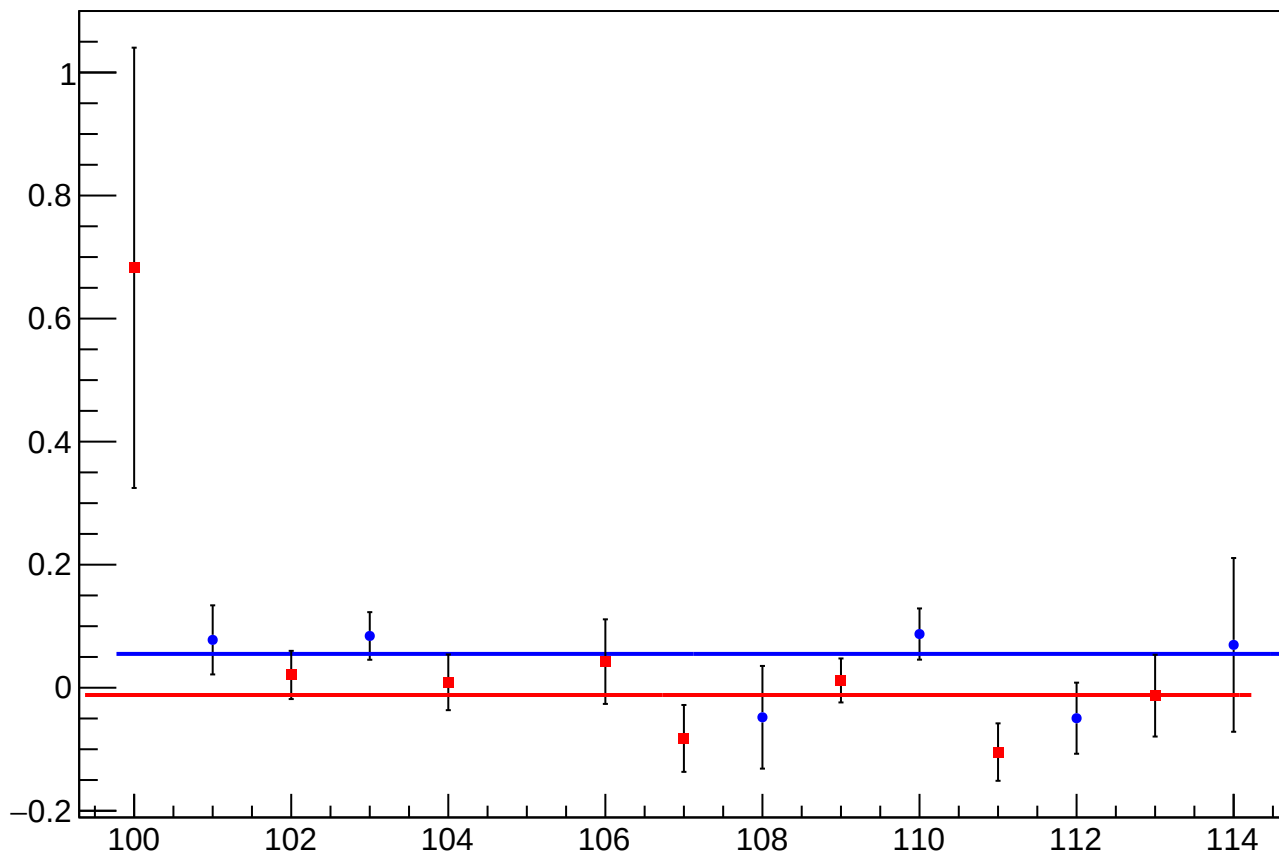
Right: 0.000+/-0.000 χ^2/NDF : 871968.7/13

In: 0.000+/-0.000 χ^2/NDF : 300836.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 871968.7/13

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

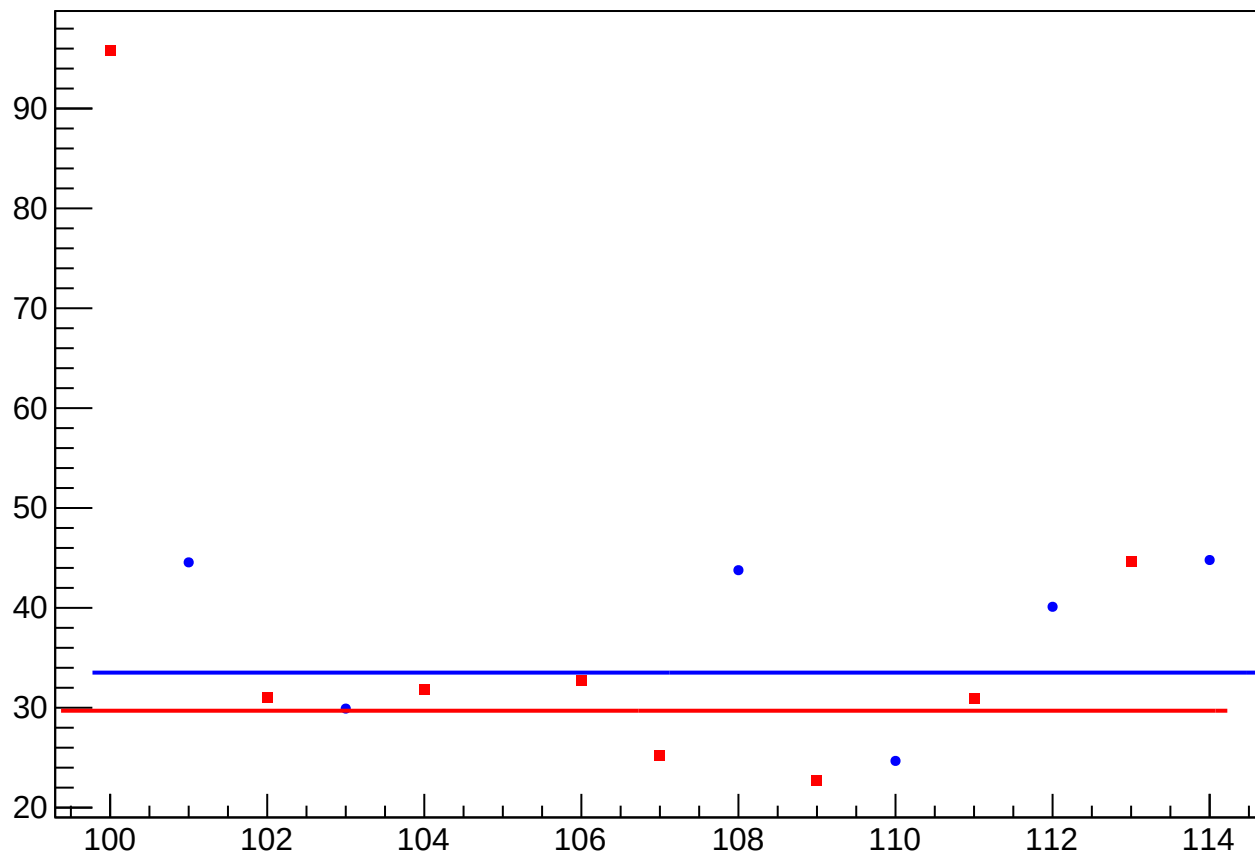
Right: 0.014+/-0.014 χ^2/NDF : 23.1/13

In: 0.055+/-0.022 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 23.1/13

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

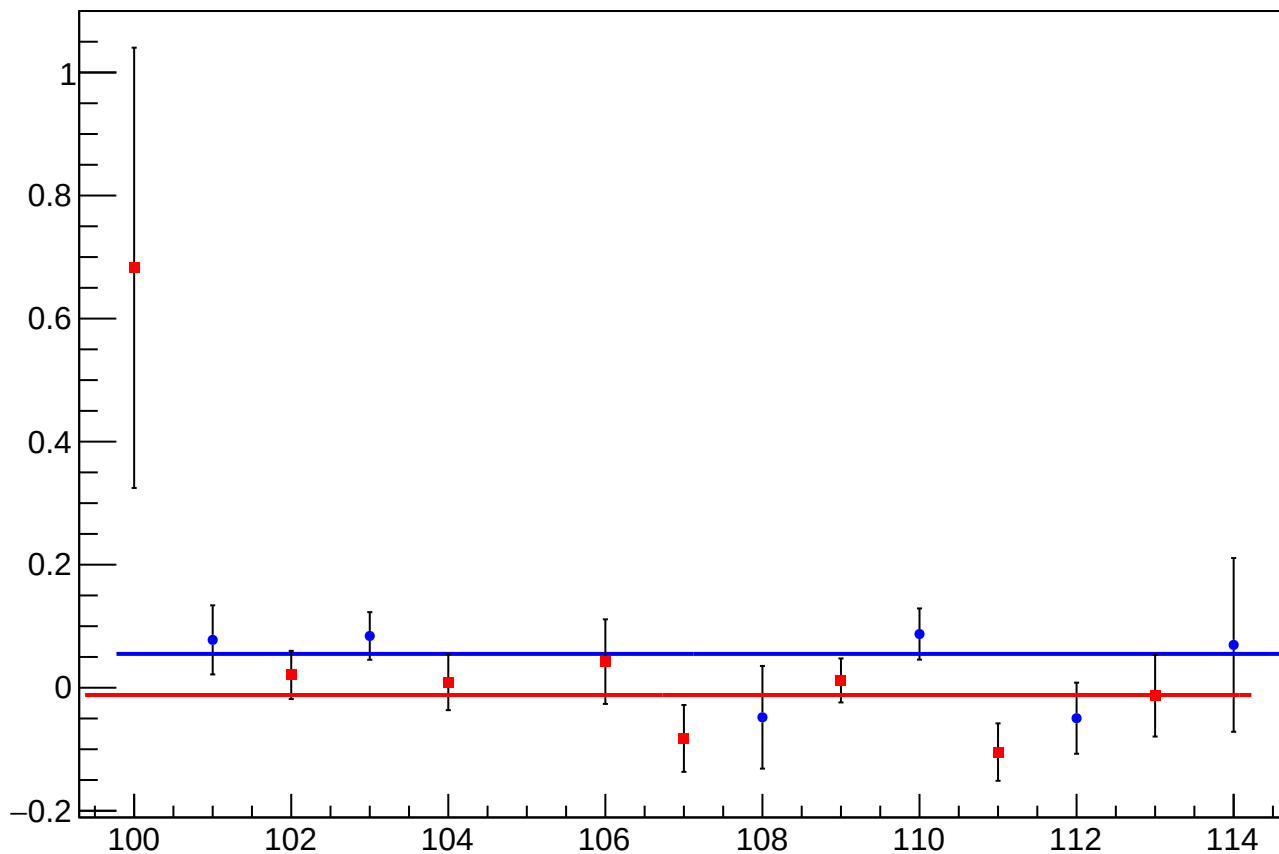
Right: 31.204 $\pm$ 0.010 χ^2 /NDF: 561308.0/13

In: 33.517 $\pm$ 0.016 χ^2 /NDF:253874.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.204 $\pm$ 0.010 χ^2 /NDF: 561308.0/13

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

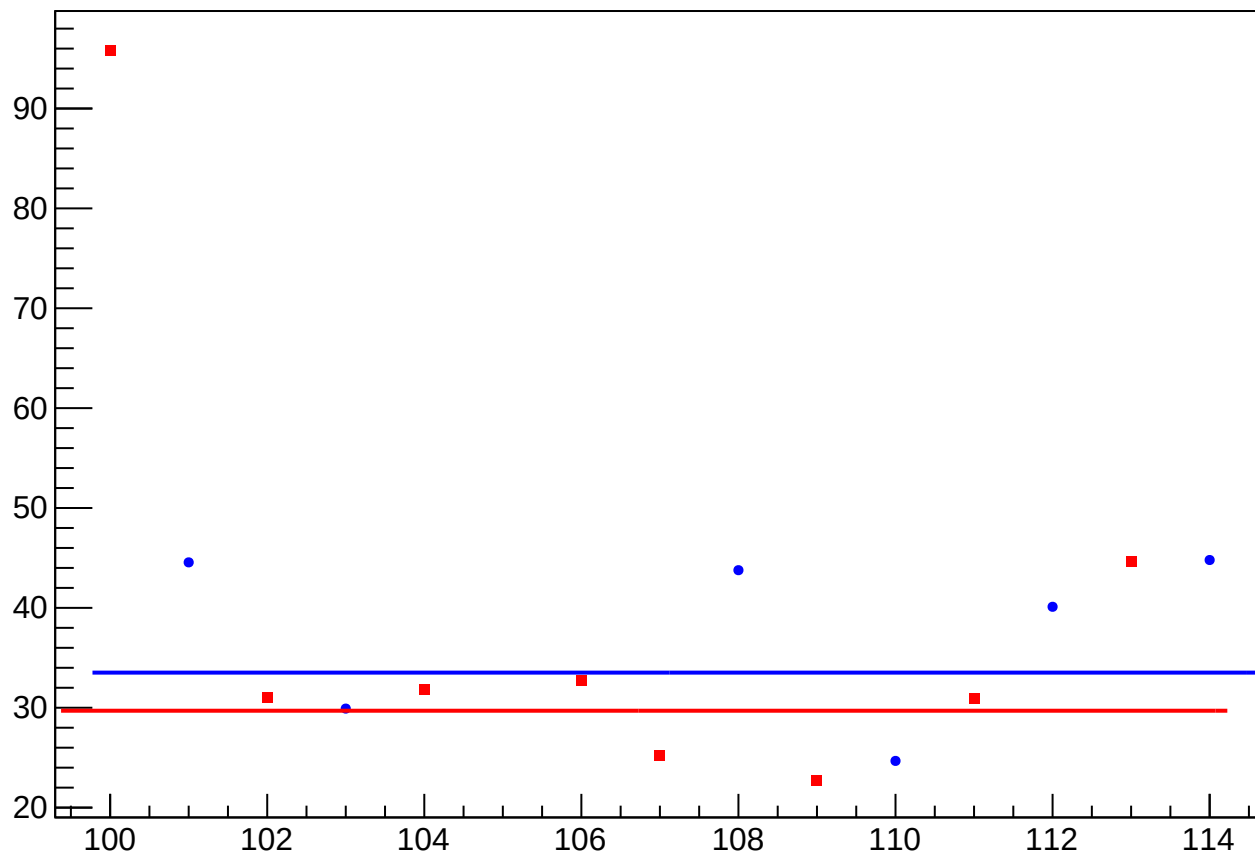
Right: 0.014 $\pm$ 0.014 χ^2 /NDF: 23.1/13

In: 0.055 $\pm$ 0.022 χ^2 /NDF:6.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.014 χ^2 /NDF: 23.1/13

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

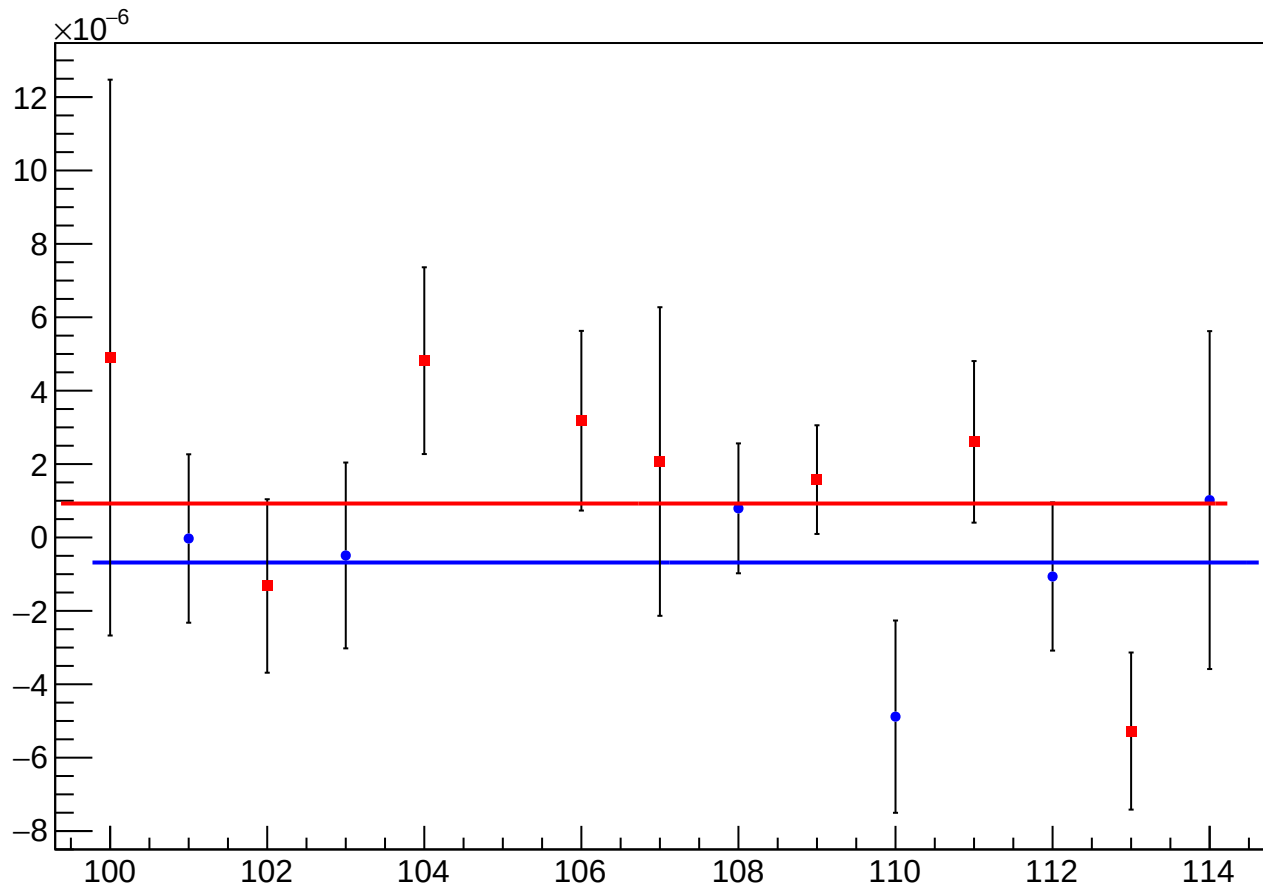
Right: 31.204 $\pm$ 0.010 χ^2 /NDF: 561308.0/13

In: 33.517 $\pm$ 0.016 χ^2 /NDF:253874.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.204 $\pm$ 0.010 χ^2 /NDF: 561308.0/13

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

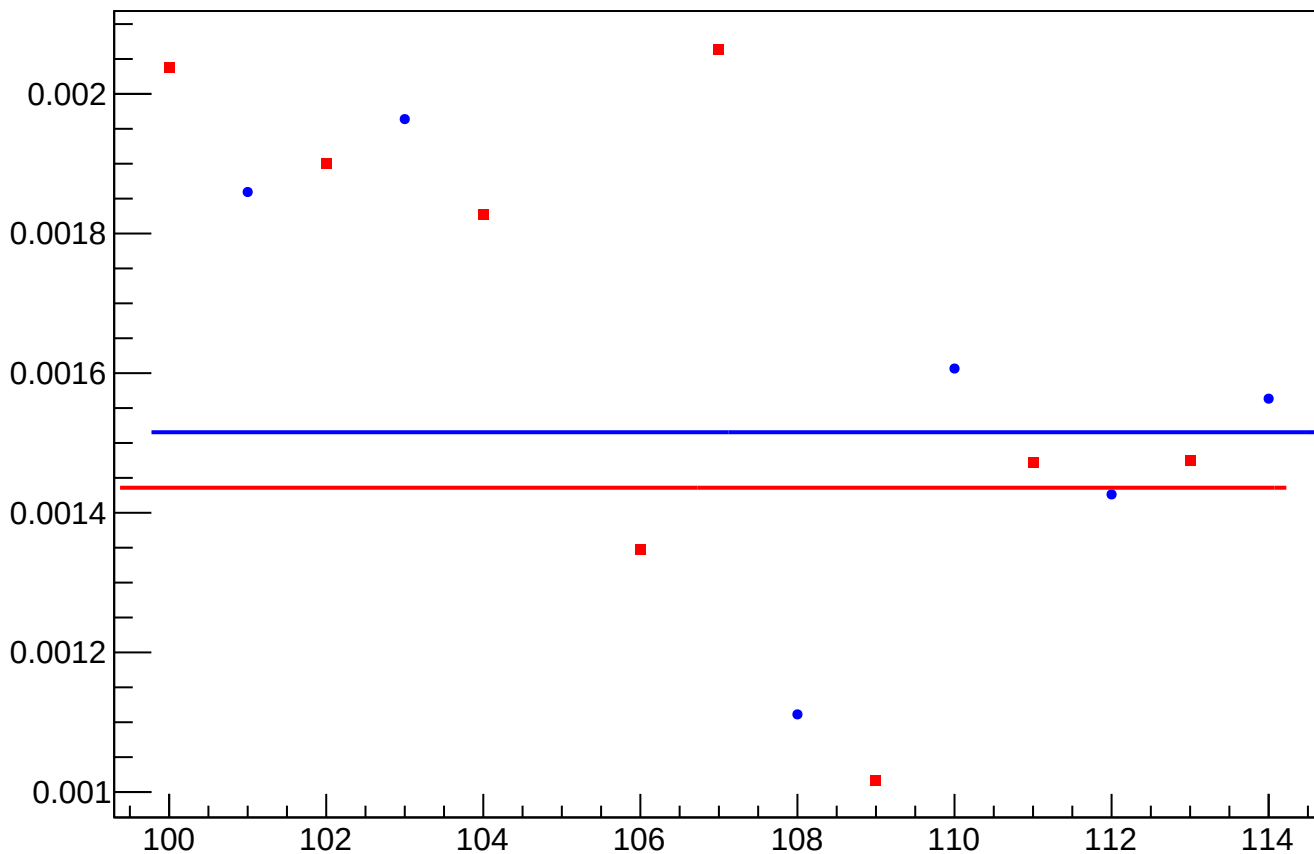
Right: 0.000+/-0.000 χ^2/NDF : 18.8/13

In: -0.000+/-0.000 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.8/13

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 218558.0/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 345600.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

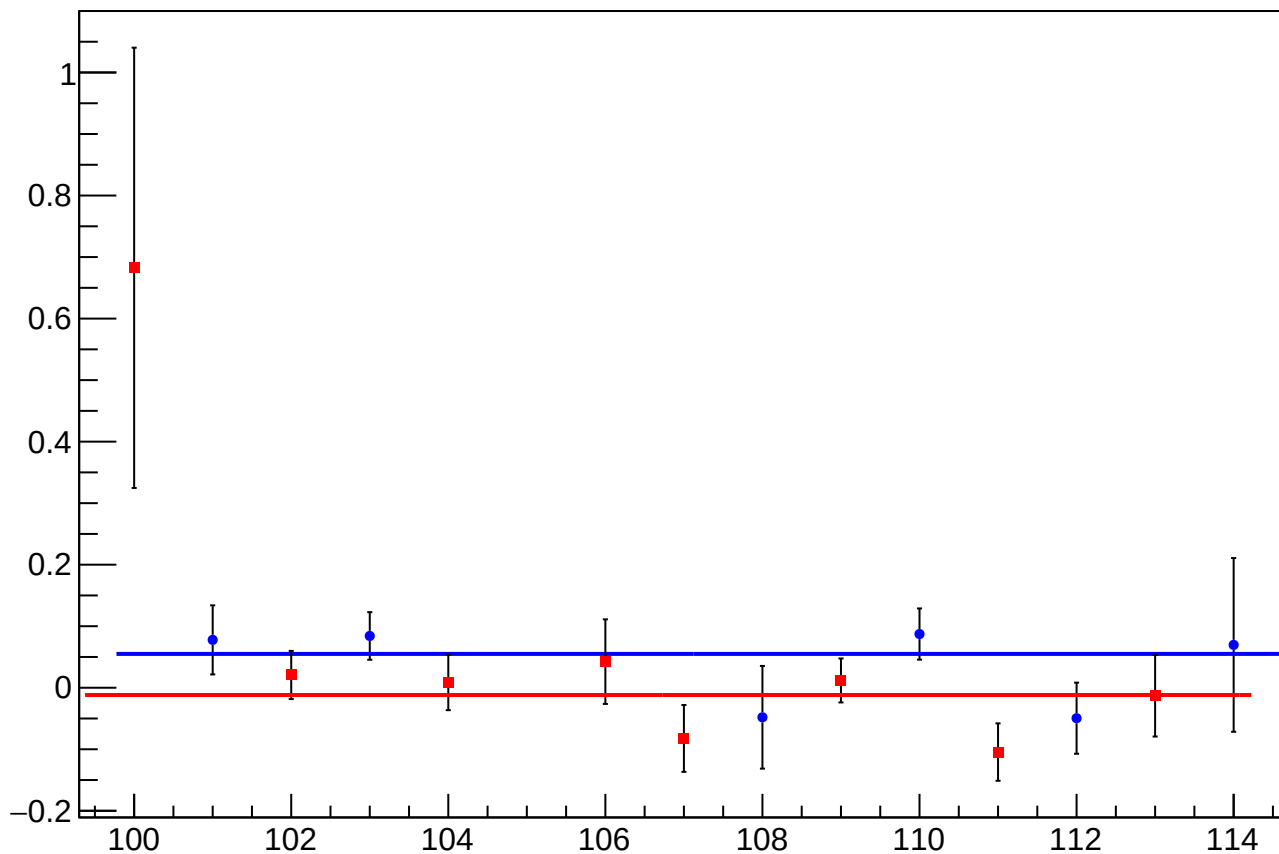
Right: 0.001+/-0.000 χ^2/NDF : 572088.8/13

In: 0.002+/-0.000 χ^2/NDF :218558.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 572088.8/13

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

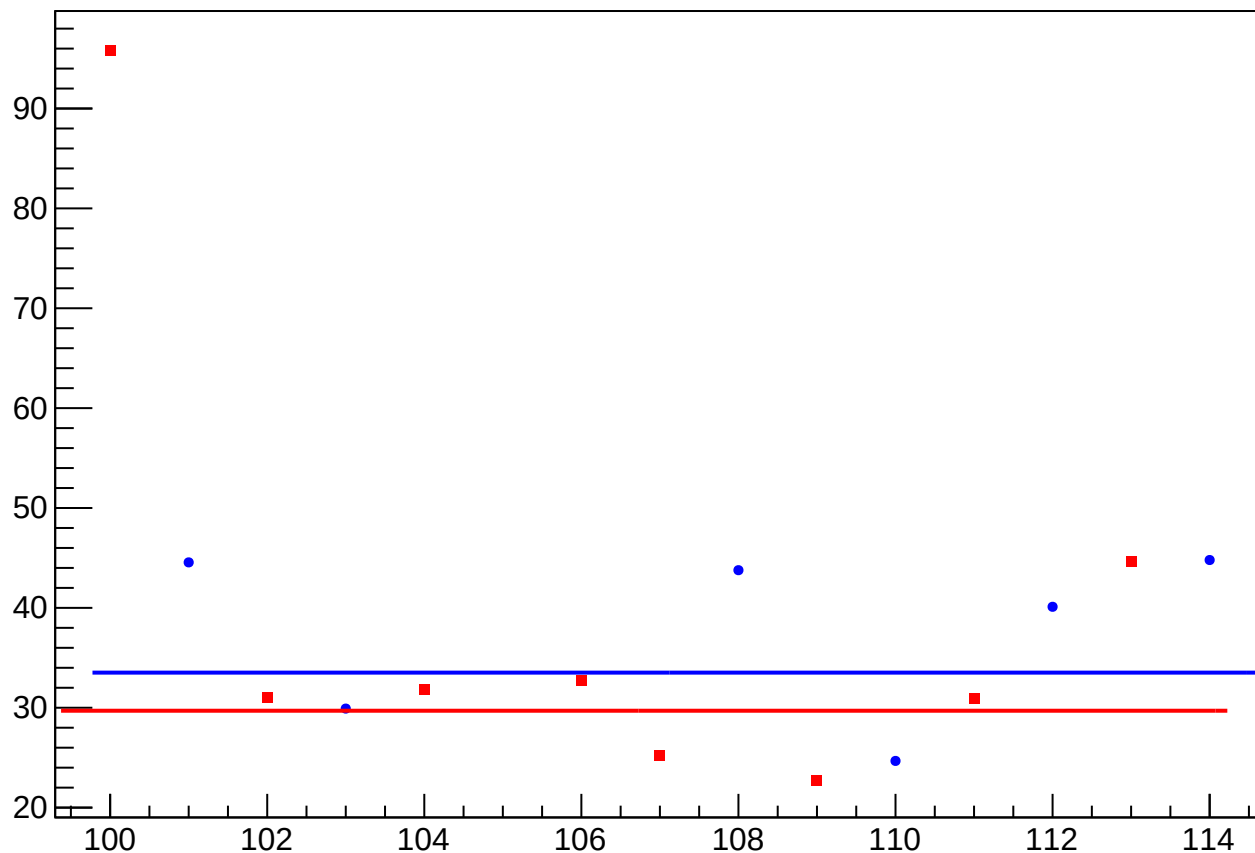
Right: 0.014+/-0.014 χ^2/NDF : 23.1/13

In: 0.055+/-0.022 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 23.1/13

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.517+/-0.016 χ^2/NDF : 253873.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.701+/-0.013 χ^2/NDF : 271134.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

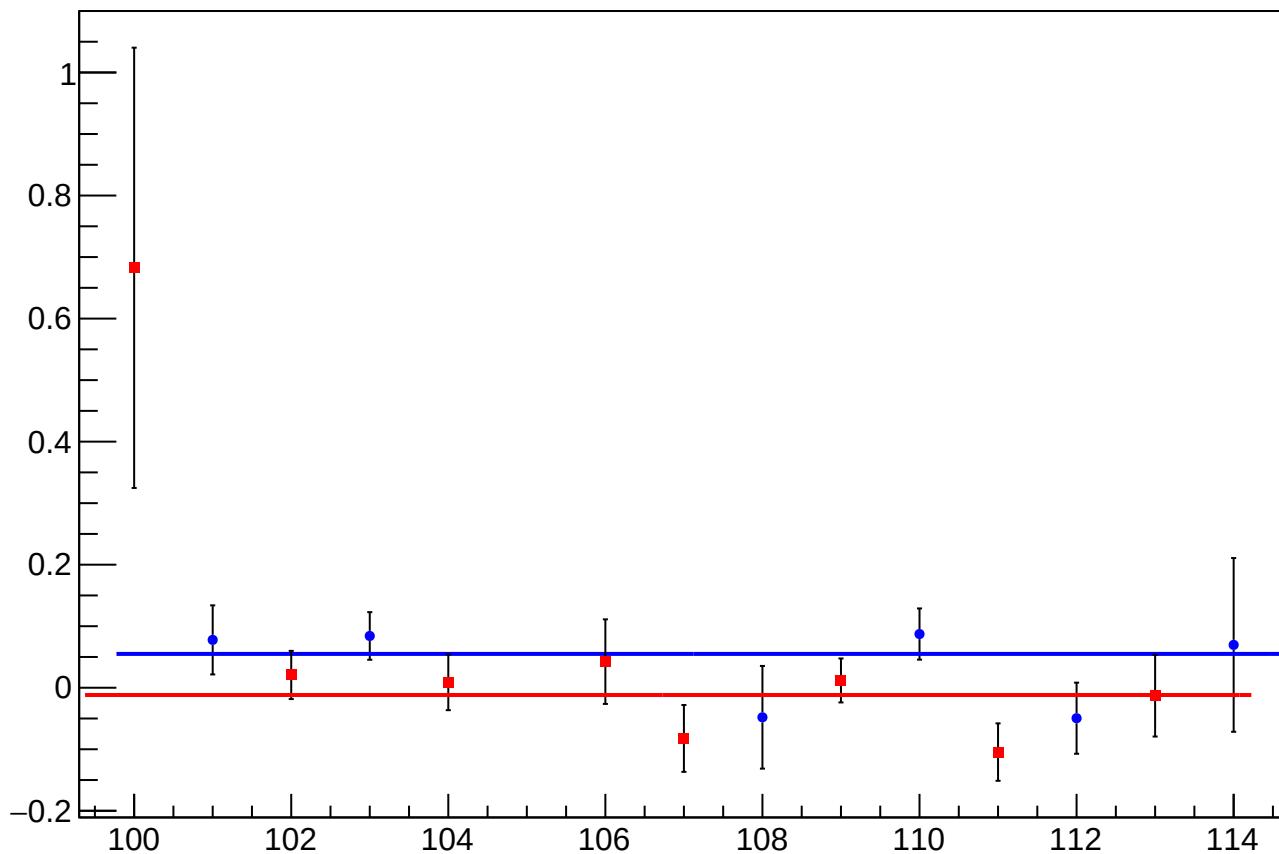
Right: 31.203+/-0.010 χ^2/NDF : 561306.0/13

In: 33.517+/-0.016 χ^2/NDF : 253873.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.203+/-0.010 χ^2/NDF : 561306.0/13

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

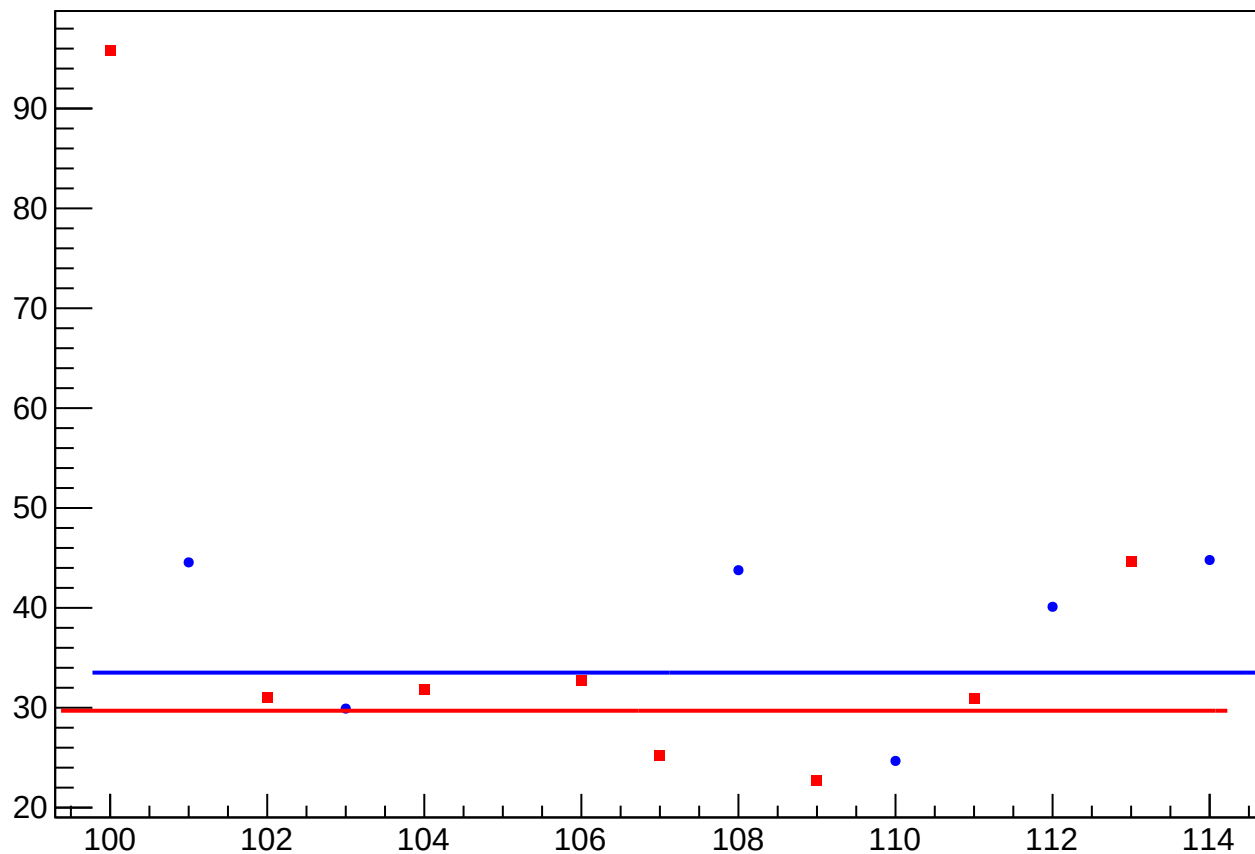
Right: 0.014+/-0.014 χ^2/NDF : 23.1/13

In: 0.055+/-0.022 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 23.1/13

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

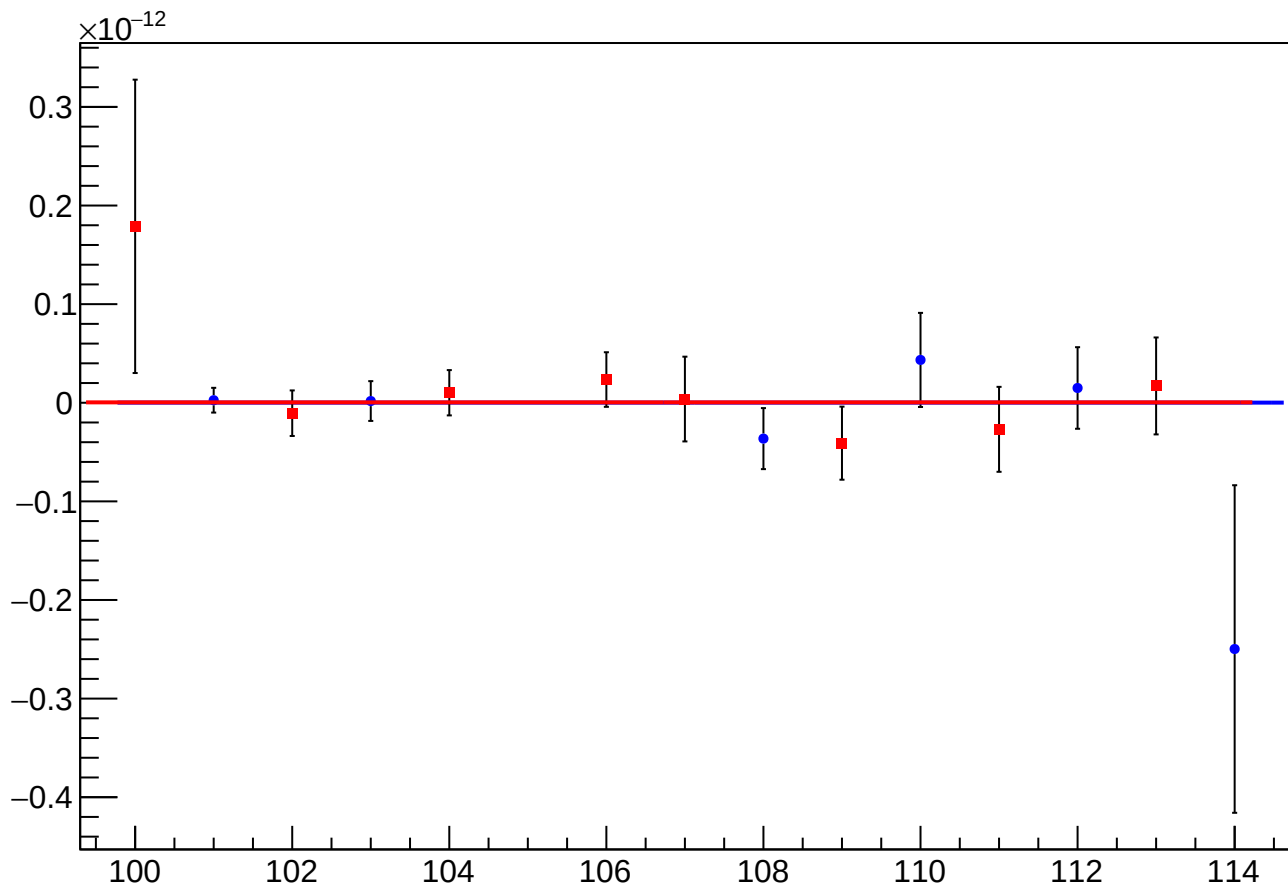
Right: 31.203 $\pm$ 0.010 χ^2 /NDF: 561306.0/13

In: 33.517 $\pm$ 0.016 χ^2 /NDF:253873.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.203 $\pm$ 0.010 χ^2 /NDF: 561306.0/13

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

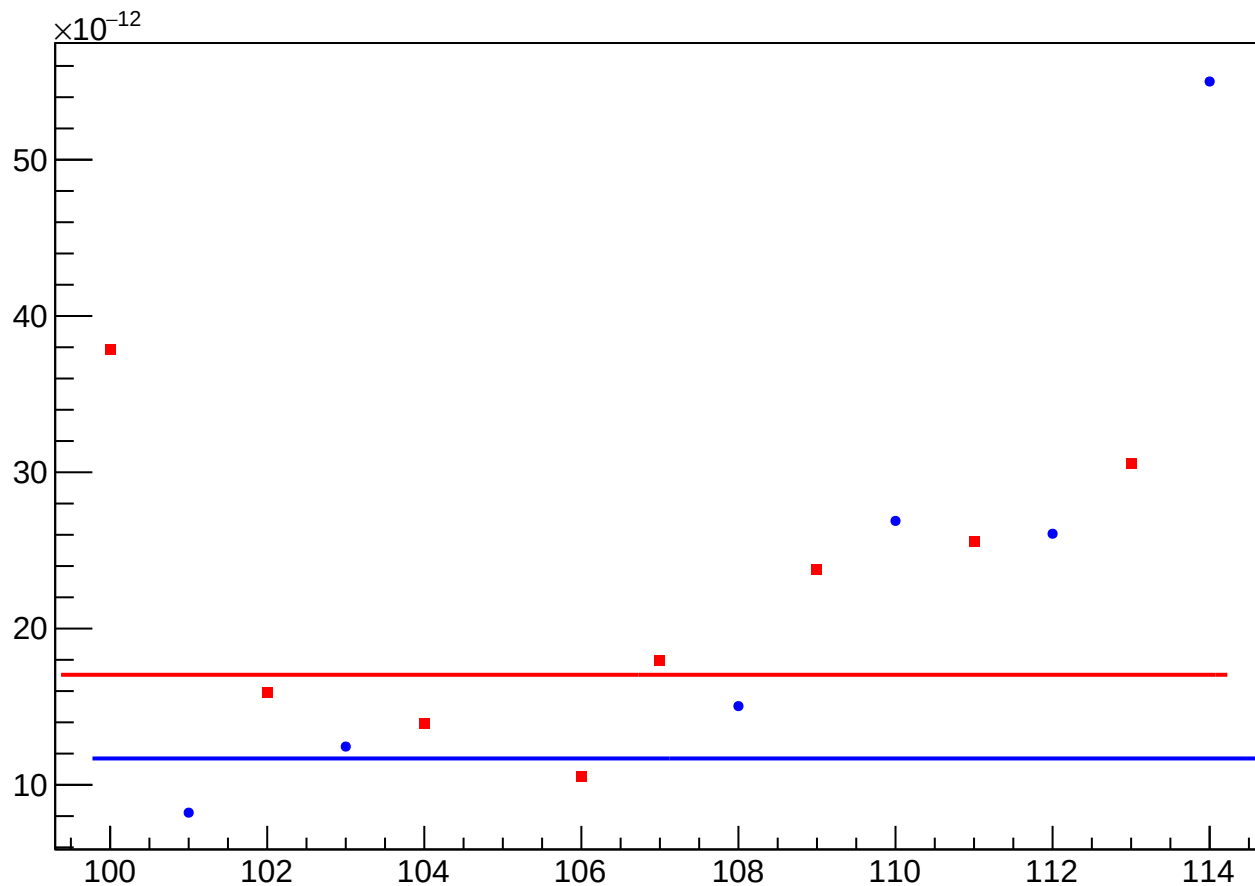
Right: 0.000+/-0.000 χ^2/NDF : 9.0/13

In: 0.000+/-0.000 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/13

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

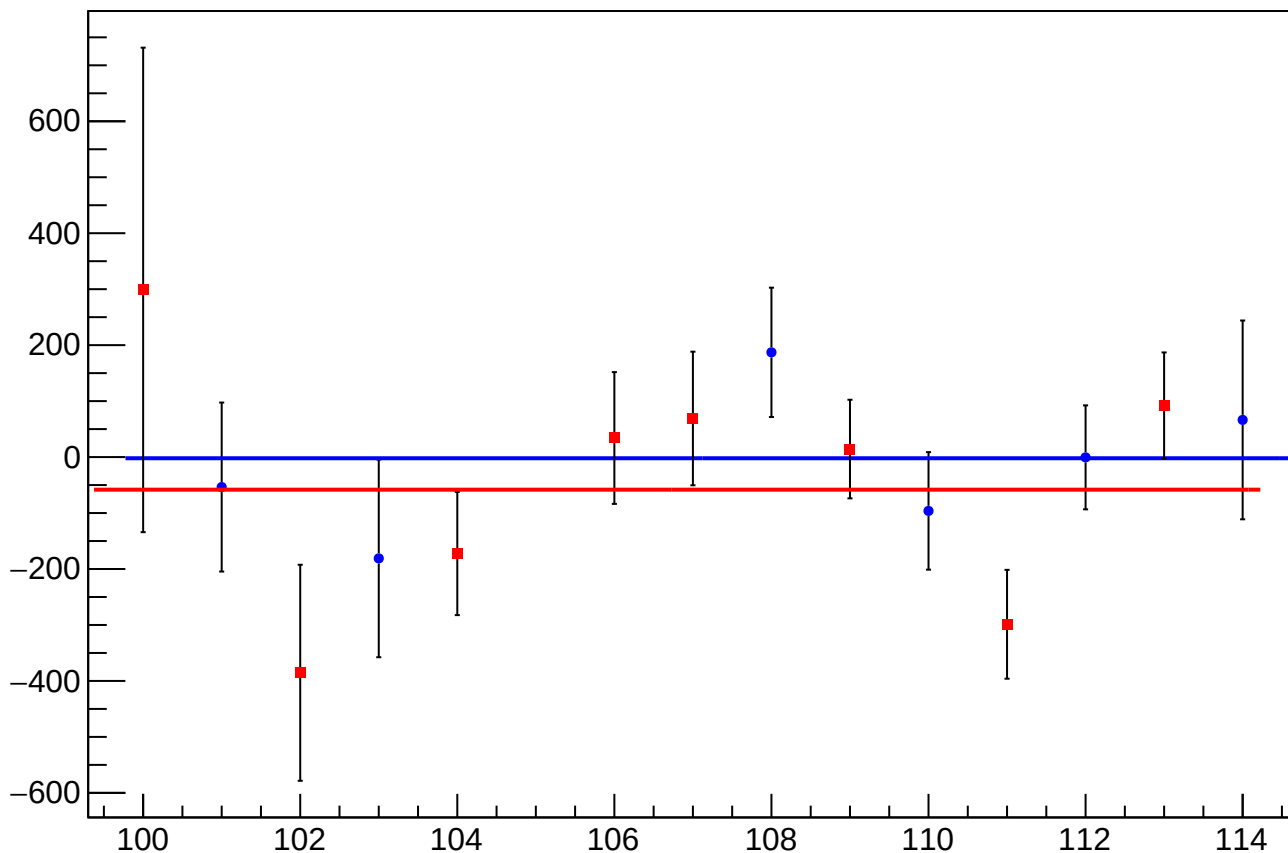
Right: 0.000+/-0.000 χ^2/NDF : 1500479.7/13

In: 0.000+/-0.000 χ^2/NDF : 759654.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1500479.7/13

reg_asym_sam7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

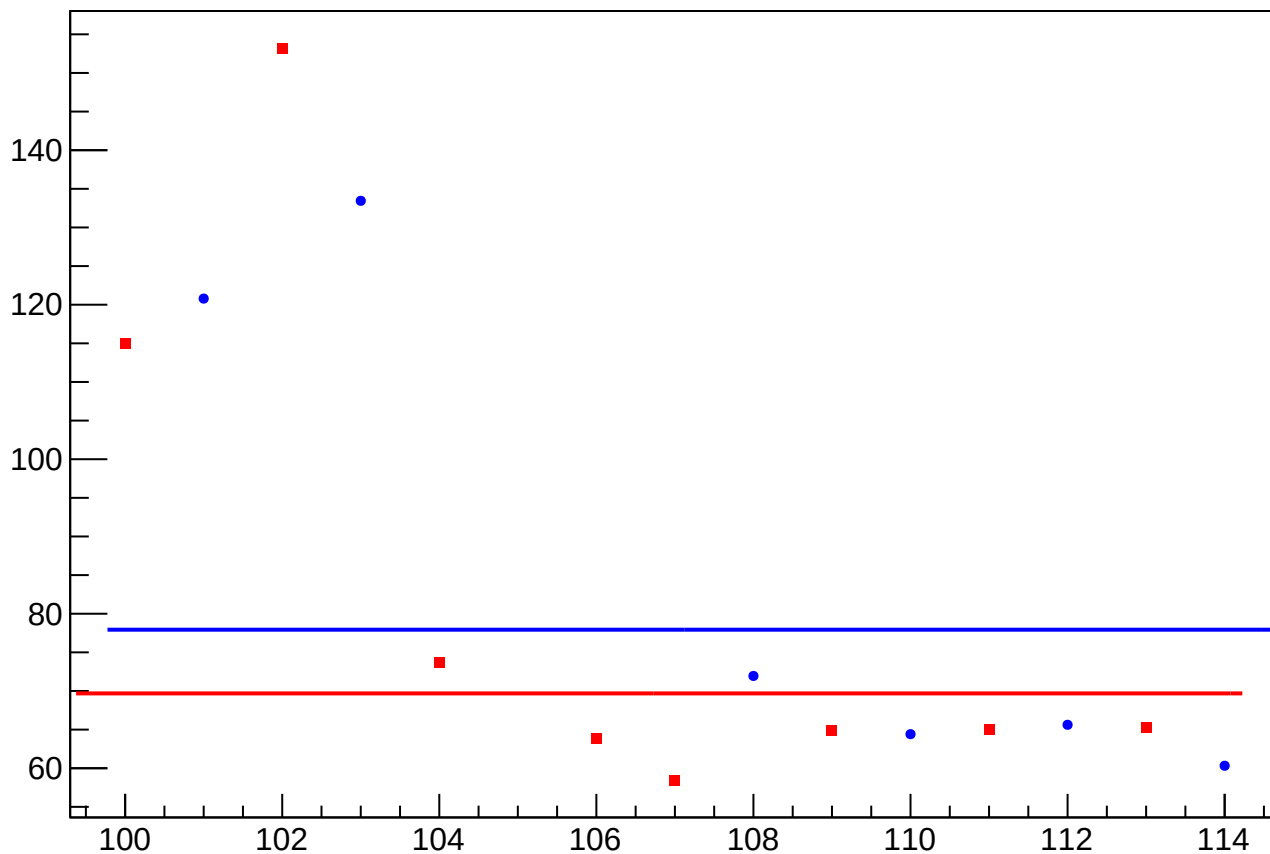
Right: -36.229+/-31.746 χ^2/NDF : 21.2/13

In: -2.095+/-50.695 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.229+/-31.746 χ^2/NDF : 21.2/13

reg_asym_sam7_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

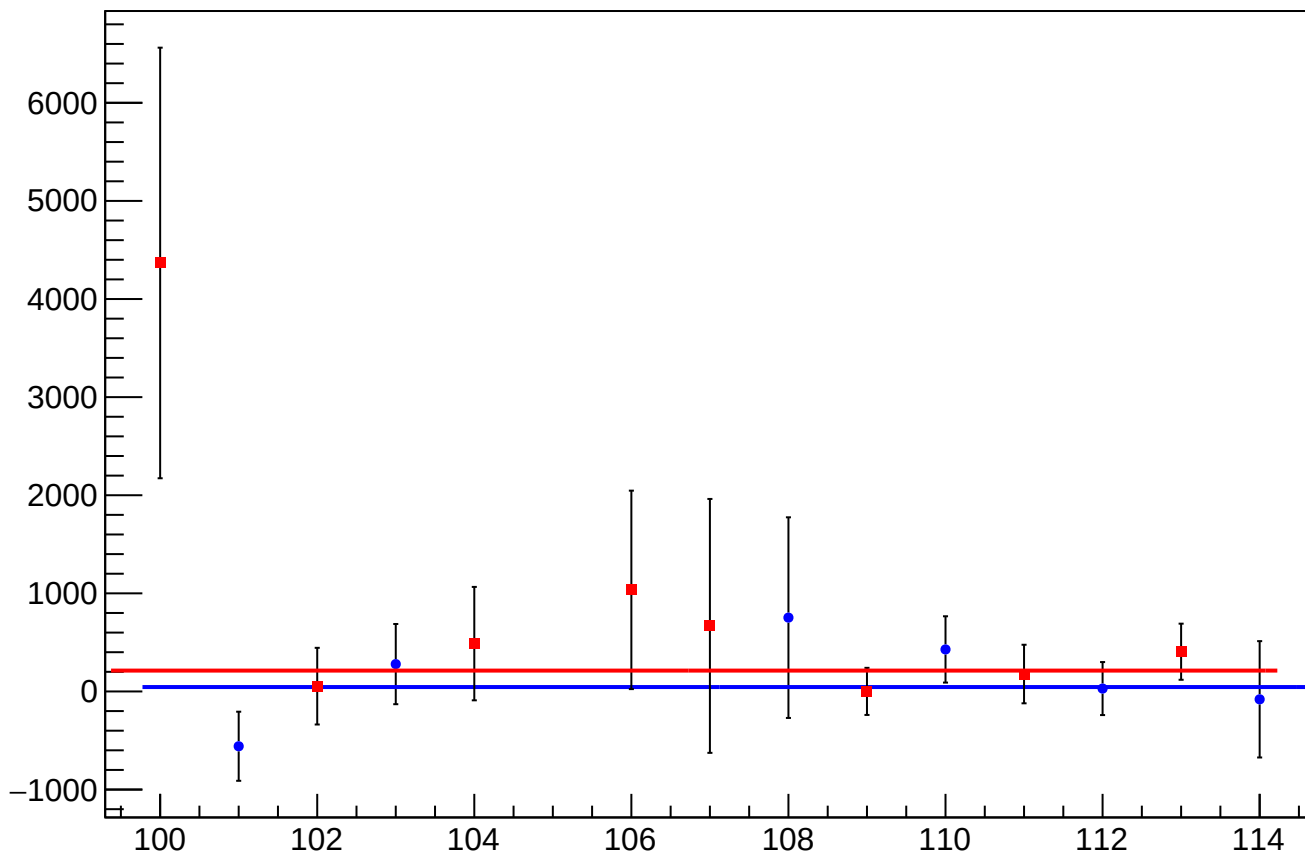
Right: 72.920+/-0.022 χ^2/NDF : 920024.6/13

In: 77.933+/-0.036 χ^2/NDF :452070.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.920+/-0.022 χ^2/NDF : 920024.6/13

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

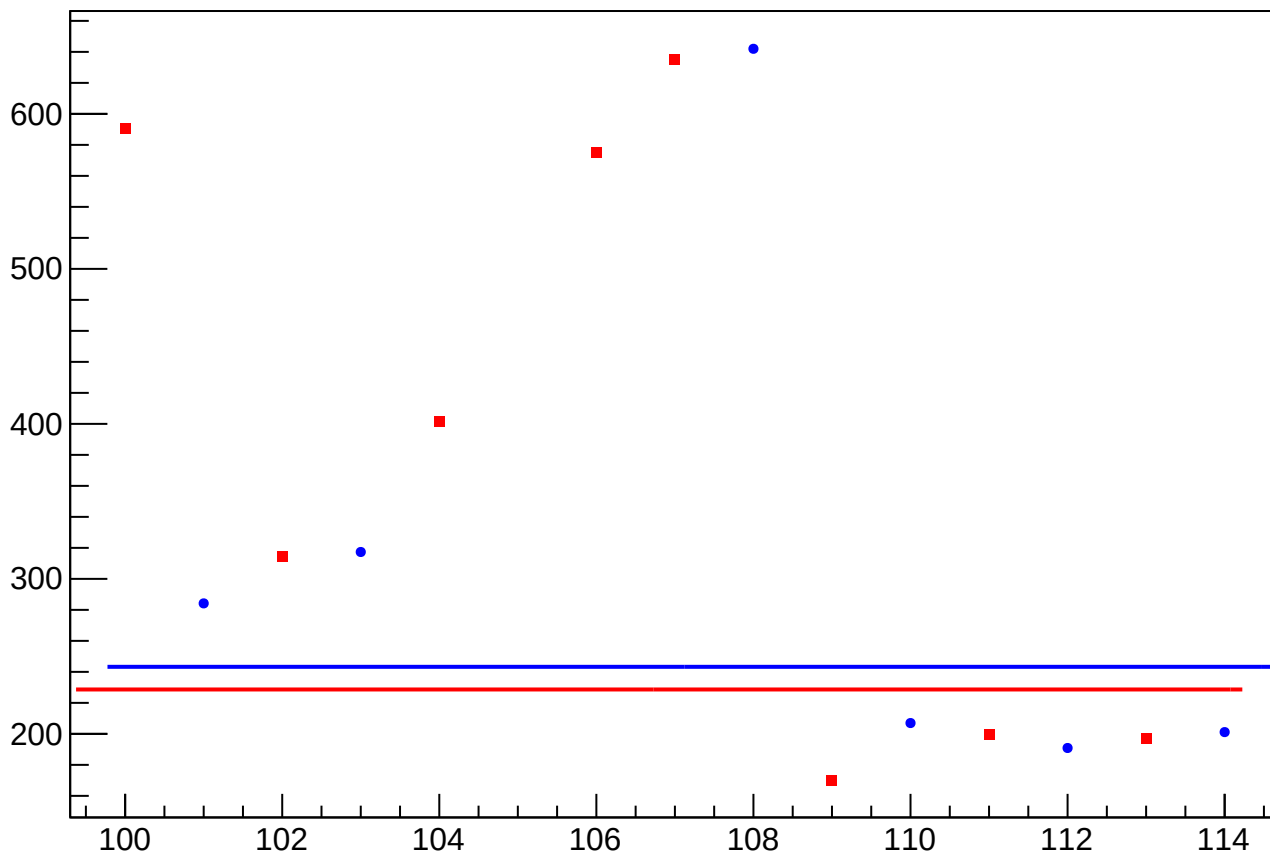
Right: 139.516+/-104.010 χ^2/NDF : 11.7/13

In: 44.916+/-157.515 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.516+/-104.010 χ^2/NDF : 11.7/13

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 243.257+/-0.111 χ^2/NDF : 505100.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 228.637+/-0.098 χ^2/NDF : 924671.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

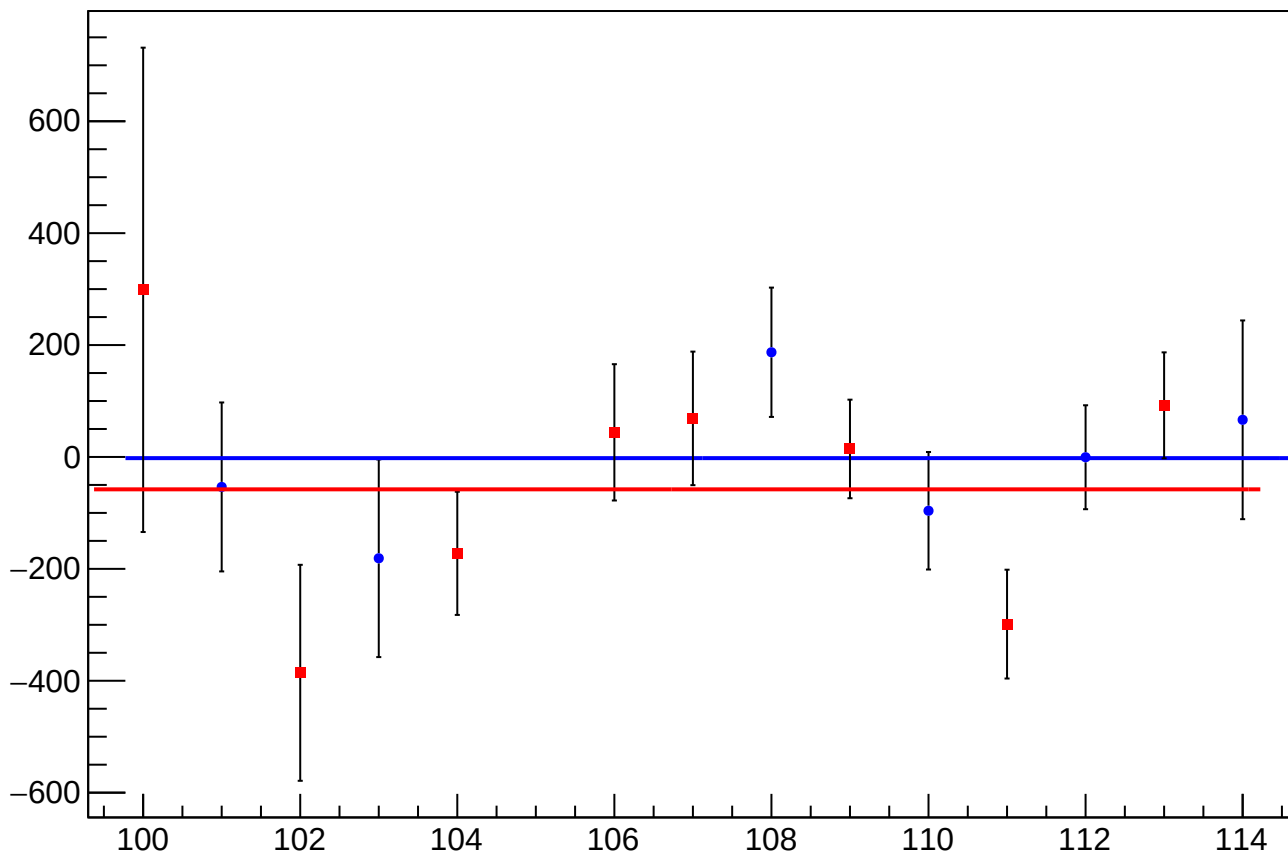
Right: 235.012+/-0.074 χ^2/NDF : 1439488.7/13

In: 243.257+/-0.111 χ^2/NDF :505100.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 235.012+/-0.074 χ^2/NDF : 1439488.7/13

cor_asym_sam7_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

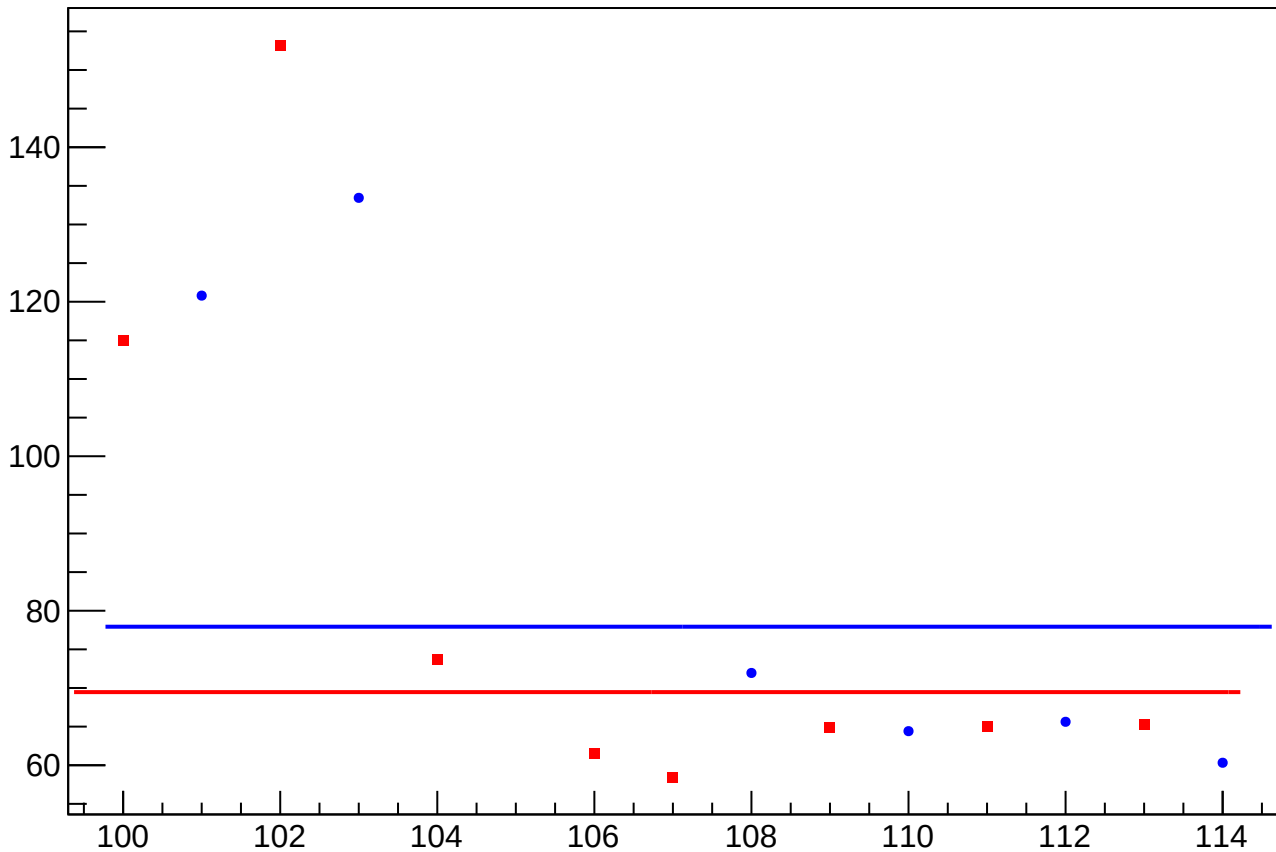
Right: -35.897 ± 31.822 χ^2/NDF : 21.3/13

In: -2.097 ± 50.695 χ^2/NDF : 4.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.897 ± 31.822 χ^2/NDF : 21.3/13

cor_asym_sam7_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

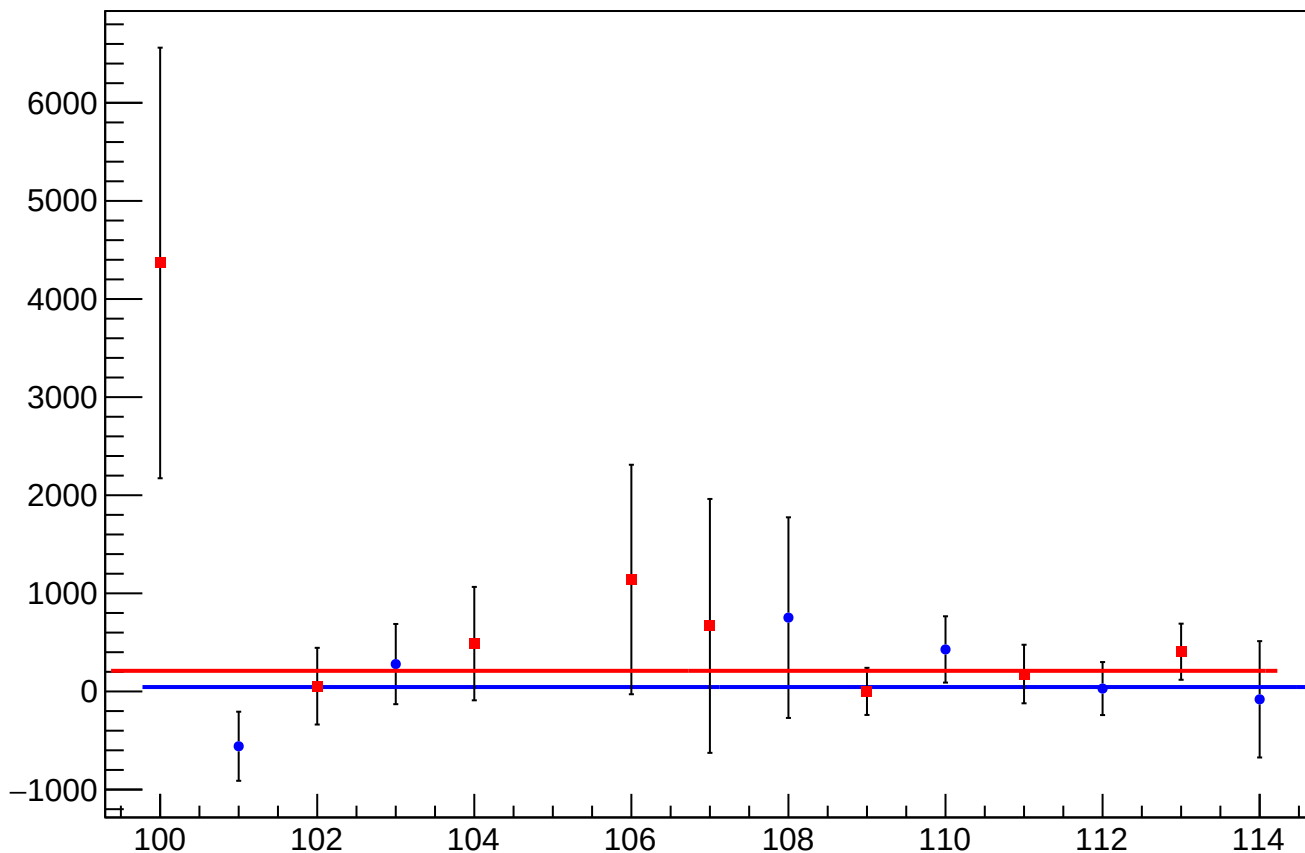
Right: 72.802+/-0.023 χ^2/NDF : 925737.0/13

In: 77.933+/-0.036 χ^2/NDF : 452070.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.802+/-0.023 χ^2/NDF : 925737.0/13

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

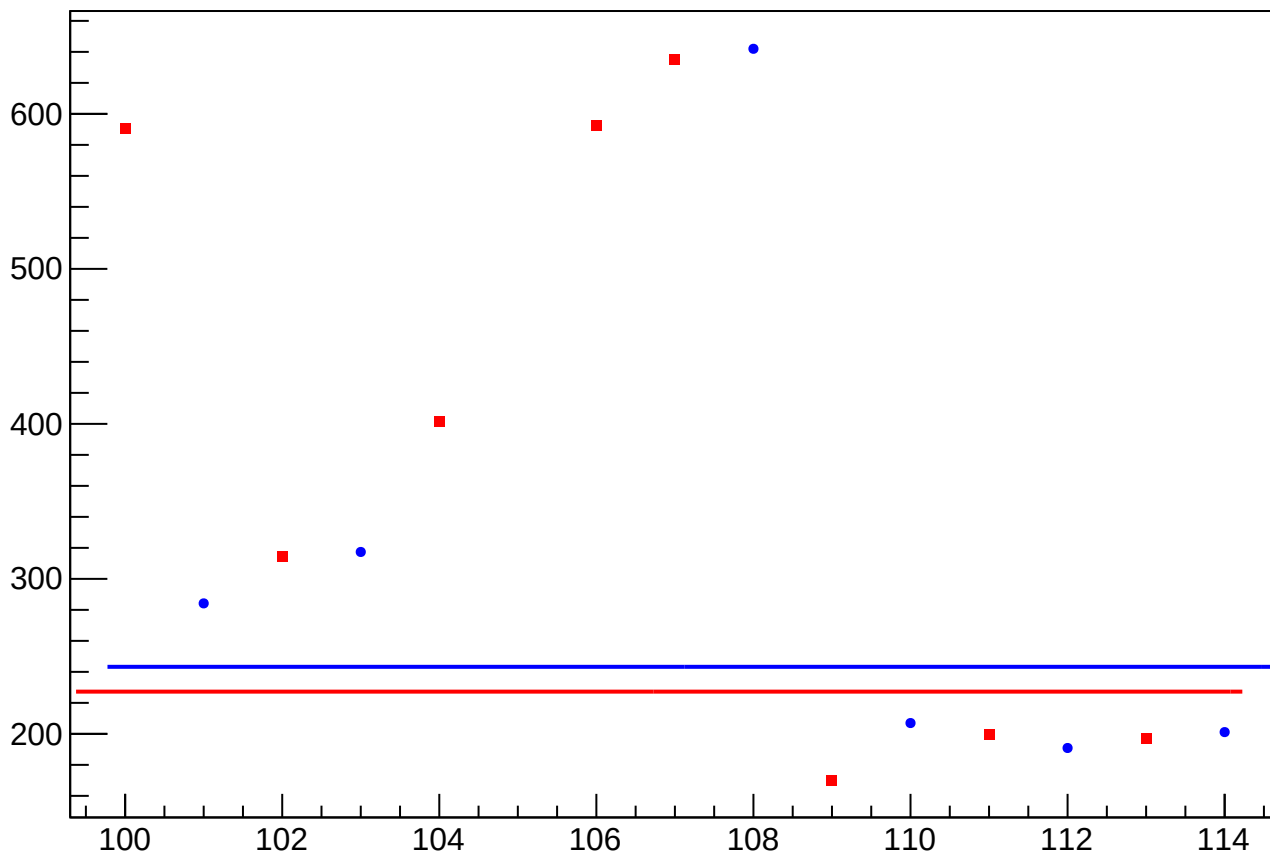
Right: 137.963+/-104.153 χ^2/NDF : 11.7/13

In: 44.923+/-157.517 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.963+/-104.153 χ^2/NDF : 11.7/13

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 243.259+/-0.111 χ^2/NDF : 505129.3/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 227.251+/-0.098 χ^2/NDF : 884098.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

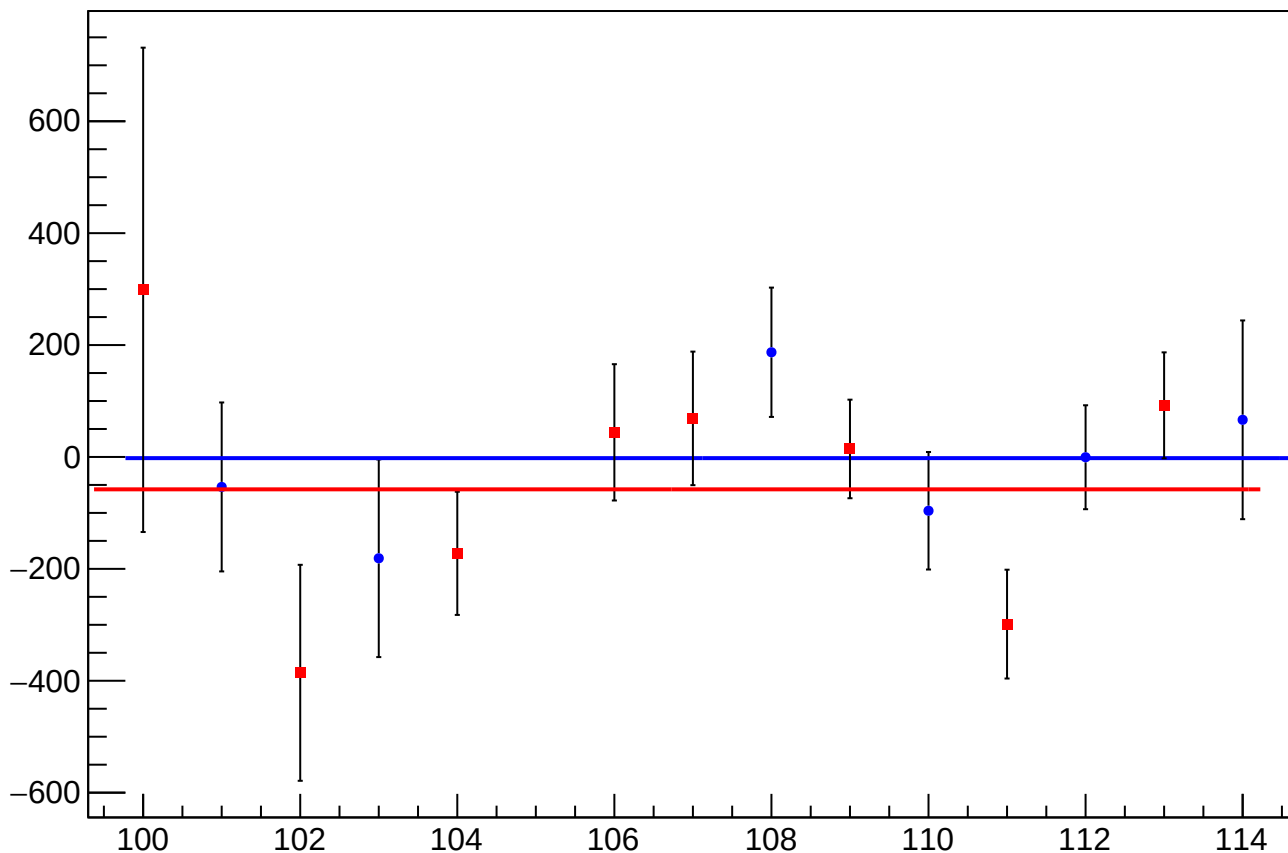
Right: 234.250+/-0.074 χ^2/NDF : 1400852.4/13

In: 243.259+/-0.111 χ^2/NDF :505129.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 234.250+/-0.074 χ^2/NDF : 1400852.4/13

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

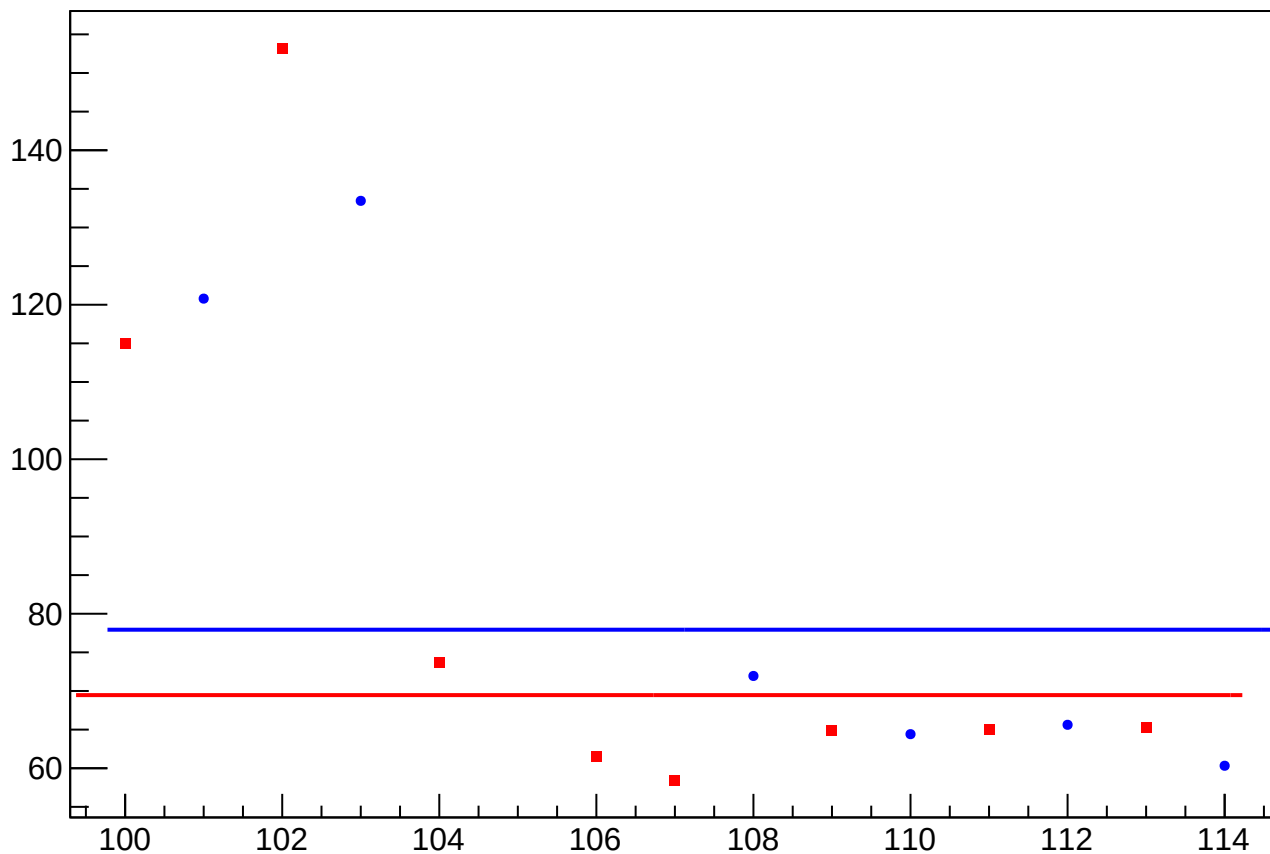
Right: -35.897+/-31.822 χ^2/NDF : 21.3/13

In: -2.097+/-50.695 χ^2/NDF :4.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.897+/-31.822 χ^2/NDF : 21.3/13

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

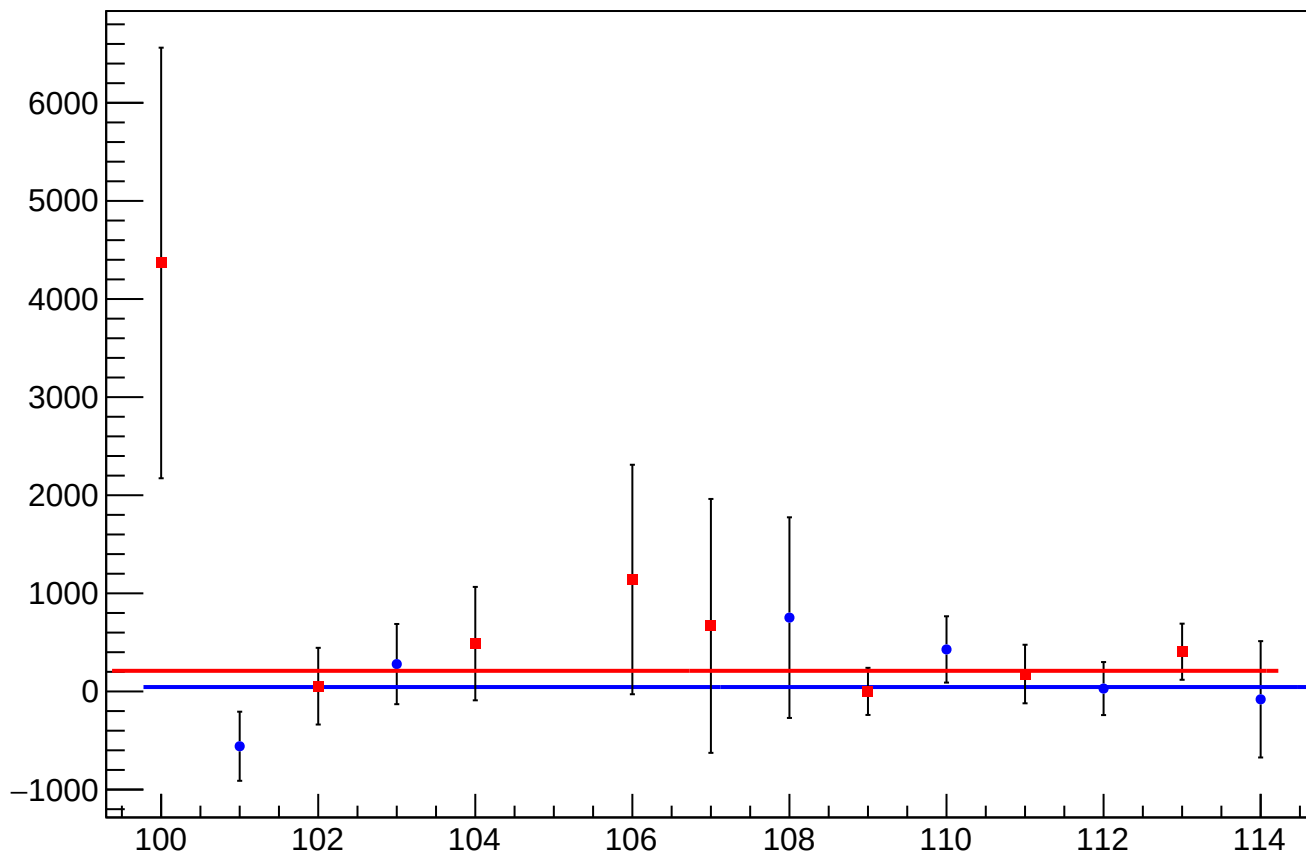
Right: 72.802+/-0.023 χ^2/NDF : 925737.0/13

In: 77.933+/-0.036 χ^2/NDF : 452070.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.802+/-0.023 χ^2/NDF : 925737.0/13

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

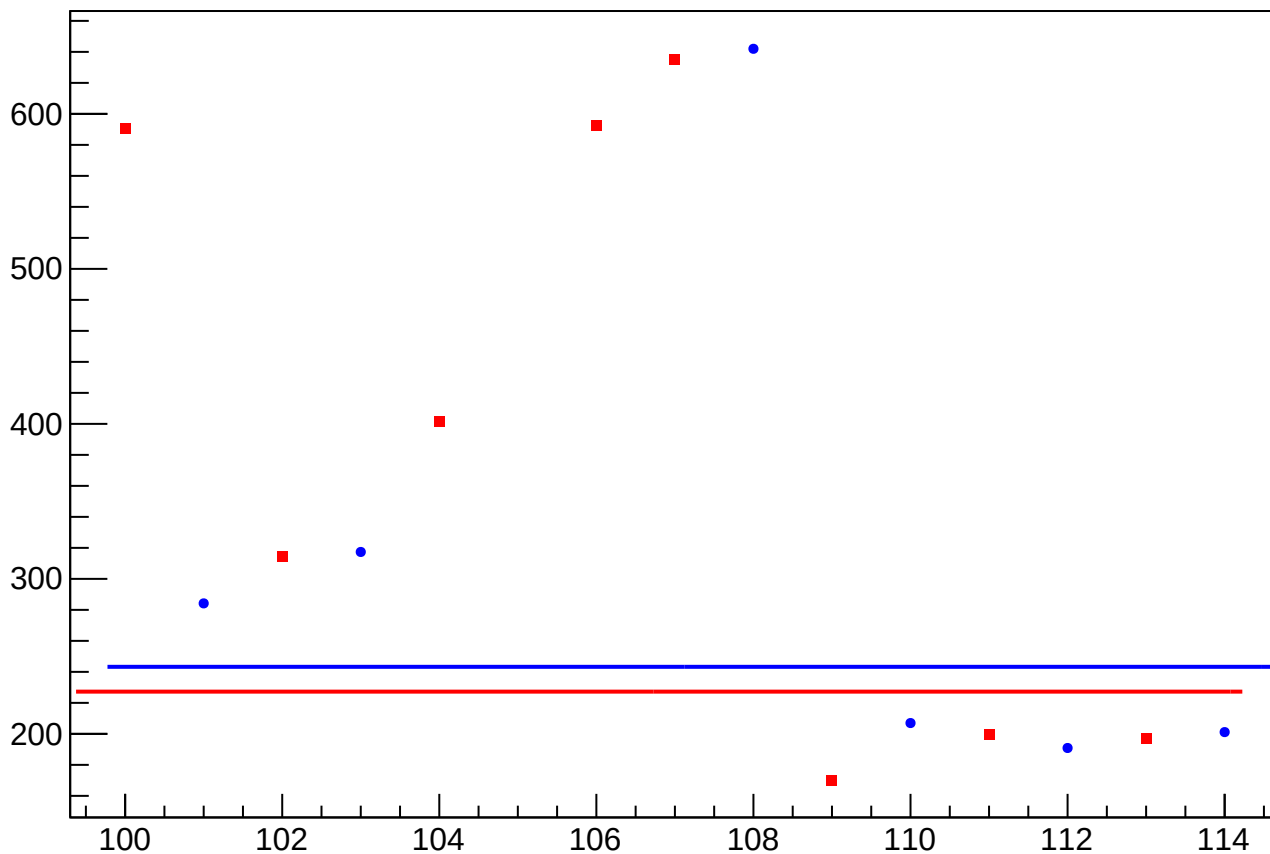
Right: 137.963+/-104.153 χ^2/NDF : 11.7/13

In: 44.923+/-157.517 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.963+/-104.153 χ^2/NDF : 11.7/13

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 243.259+/-0.111 χ^2/NDF : 505129.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.251+/-0.098 χ^2/NDF : 884098.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

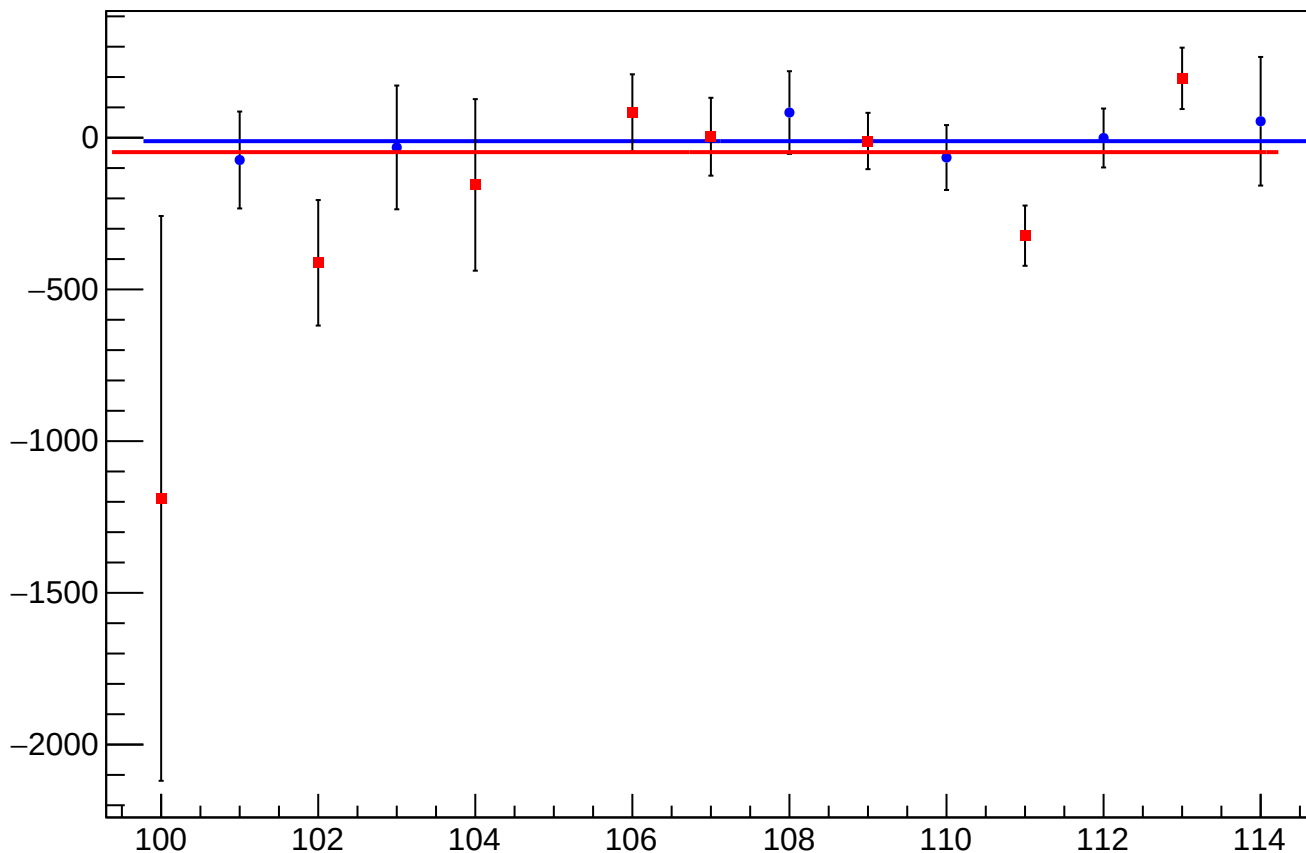
Right: 234.250+/-0.074 χ^2/NDF : 1400852.4/13

In: 243.259+/-0.111 χ^2/NDF : 505129.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.250+/-0.074 χ^2/NDF : 1400852.4/13

dit_asym_sam7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

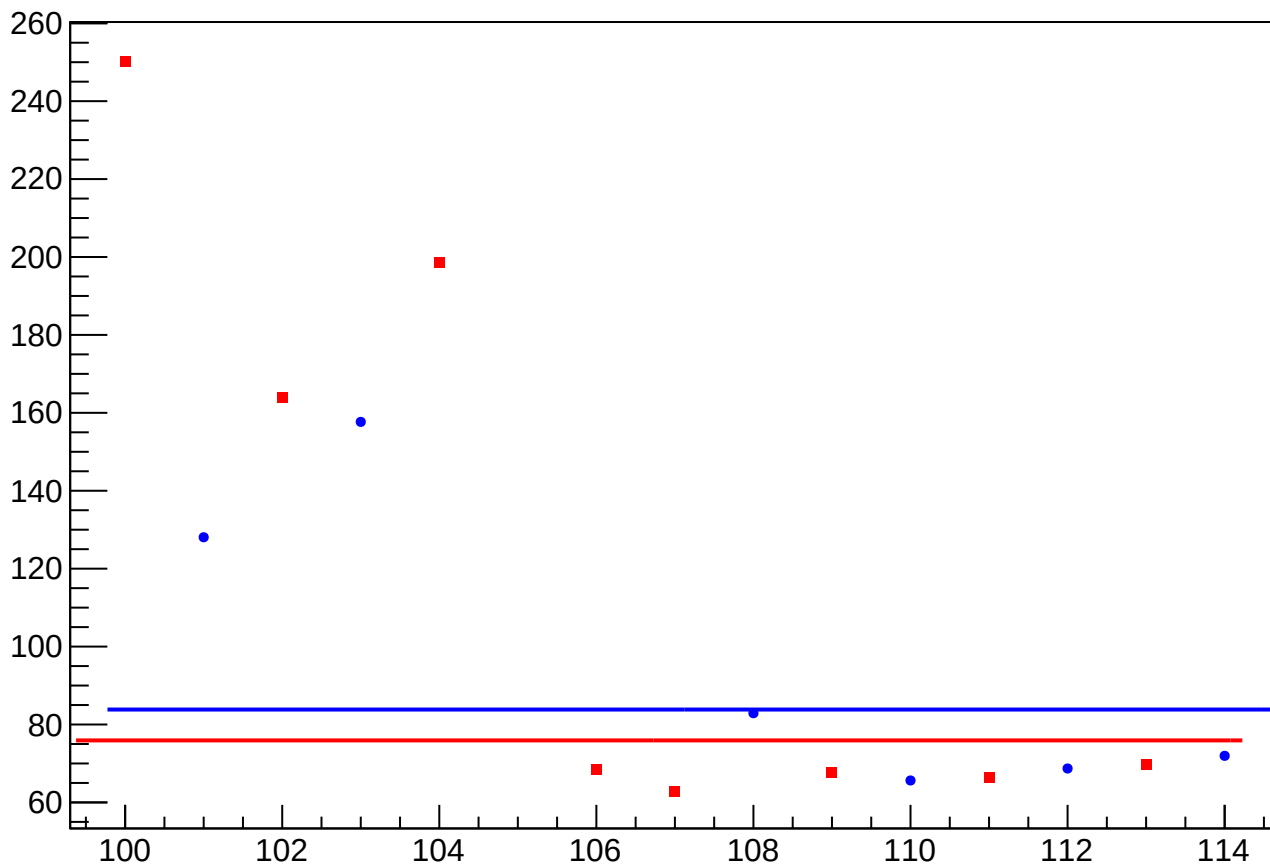
Right: -32.595+/-35.184 χ^2/NDF : 20.8/13

In: -11.333+/-54.819 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.595+/-35.184 χ^2/NDF : 20.8/13

dit_asym_sam7_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

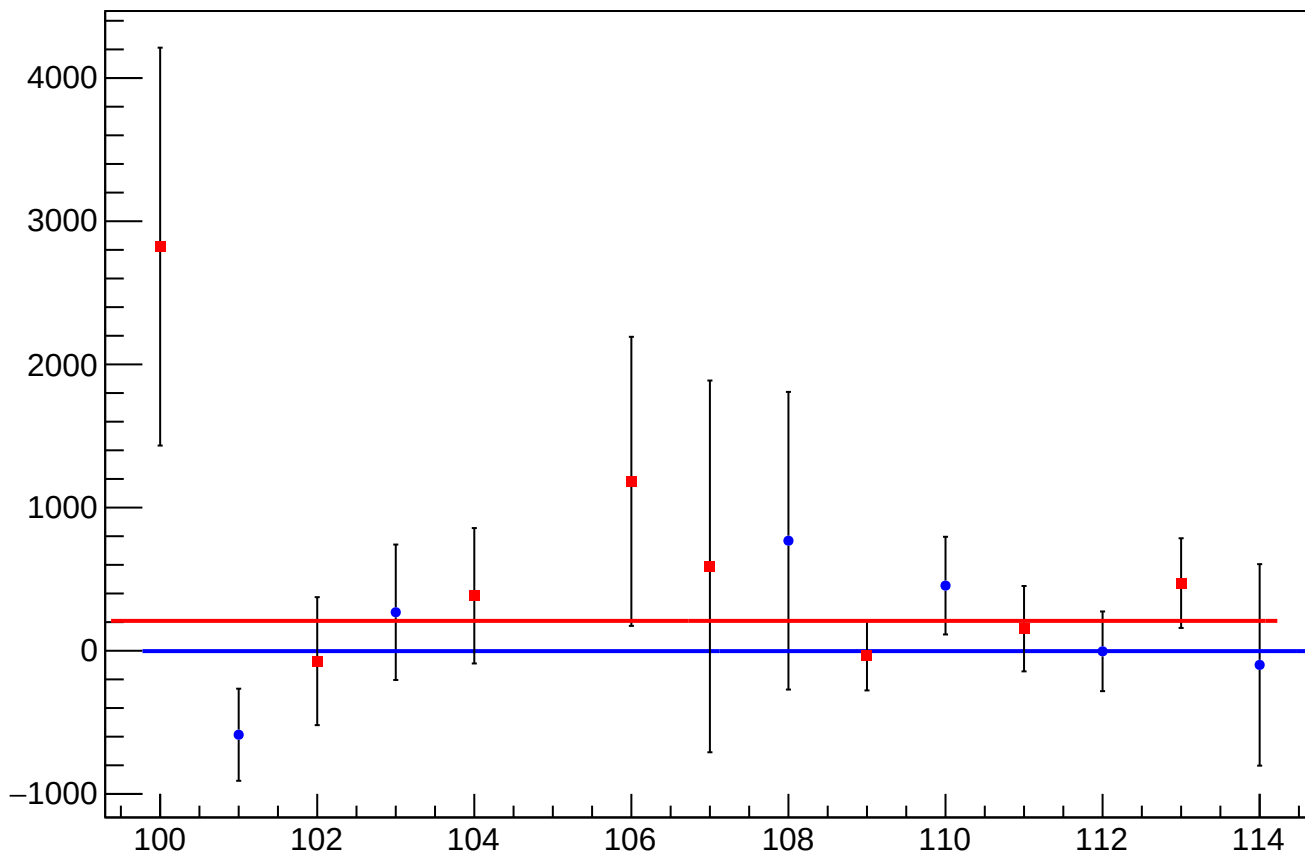
Right: 79.183 $\pm$ 0.025 χ^2 /NDF: 1431578.7/13

In: 83.842 $\pm$ 0.039 χ^2 /NDF: 528329.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.183 $\pm$ 0.025 χ^2 /NDF: 1431578.7/13

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

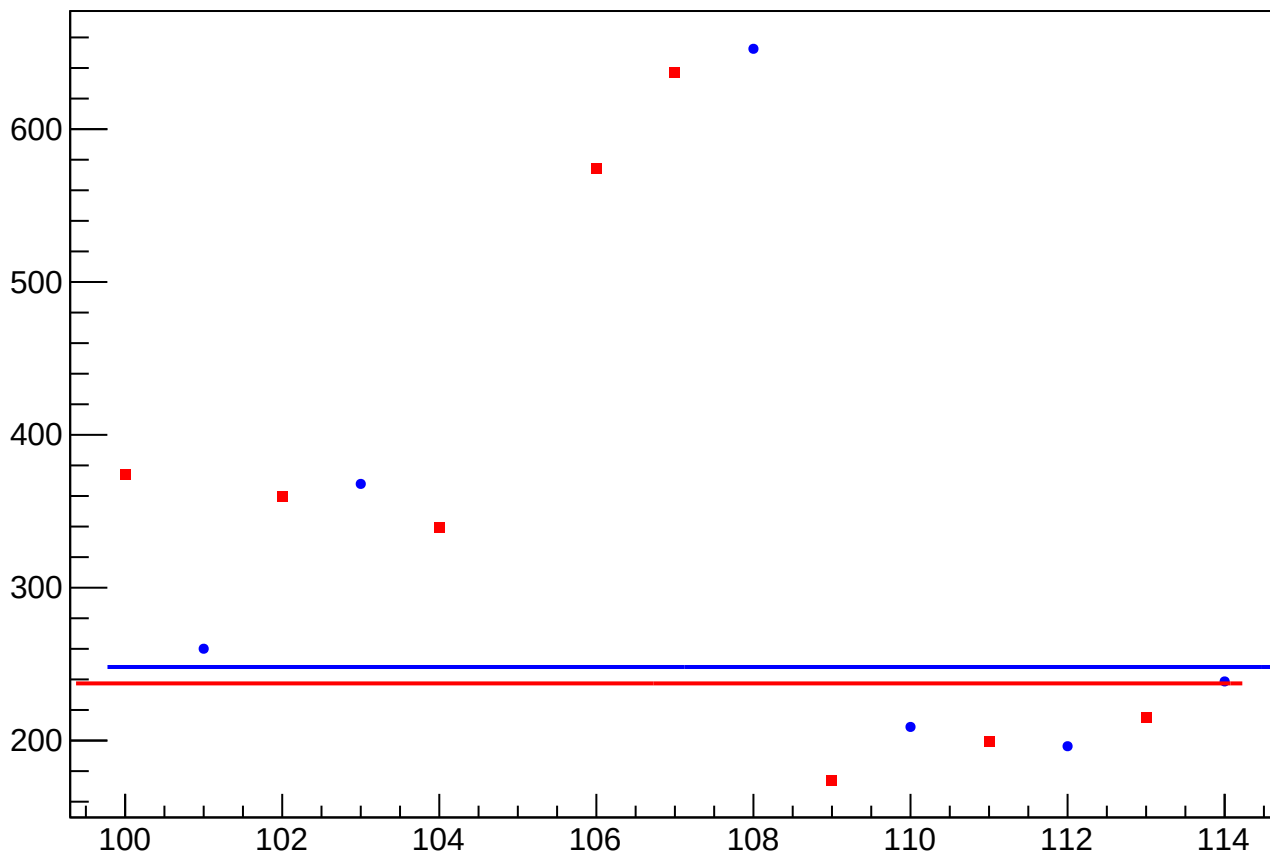
Right: 116.303+/-106.476 χ^2/NDF : 13.8/13

In: -2.503+/-160.971 χ^2/NDF : 6.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.303+/-106.476 χ^2/NDF : 13.8/13

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

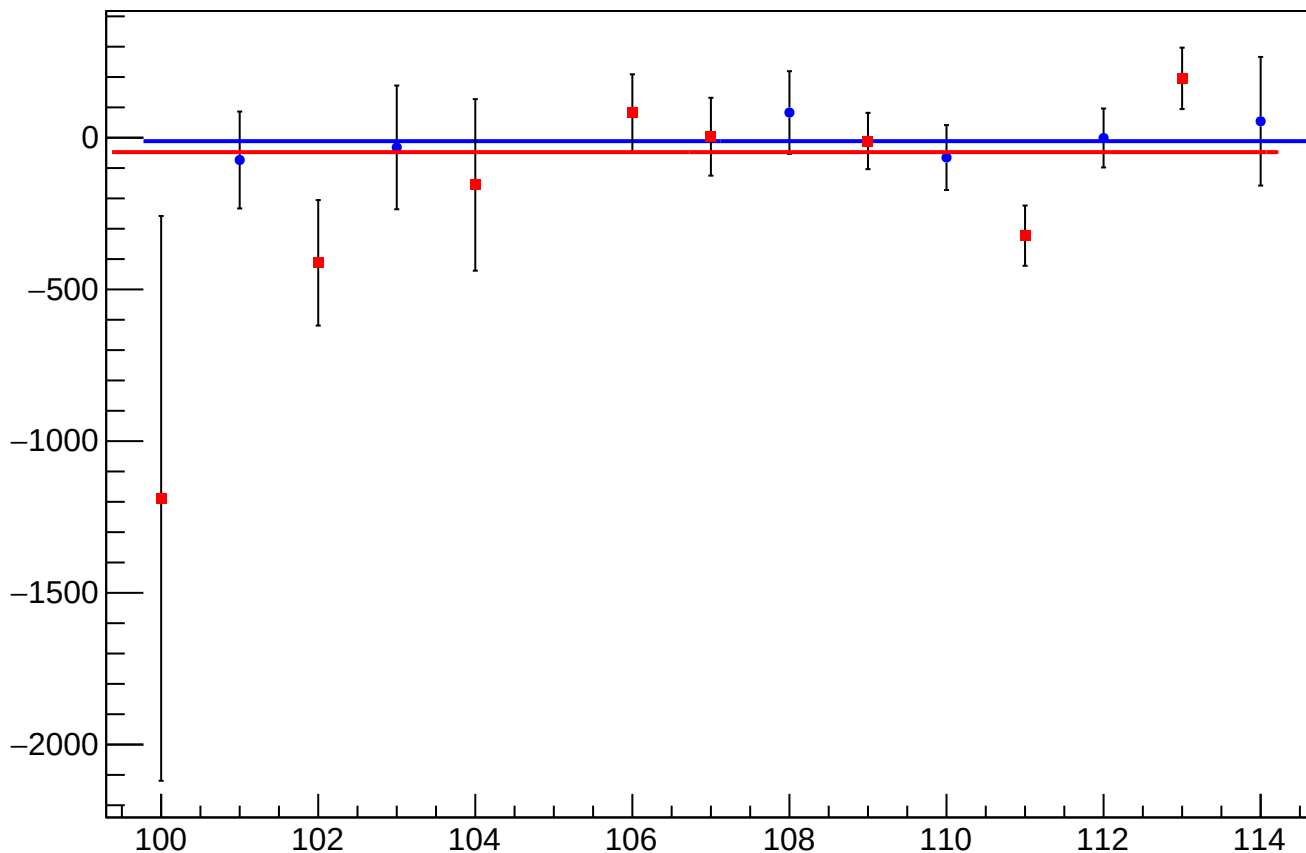
Right: 242.086+/-0.075 χ^2/NDF : 1387652.9/13

In: 248.123+/-0.114 χ^2/NDF : 529998.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.086+/-0.075 χ^2/NDF : 1387652.9/13

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

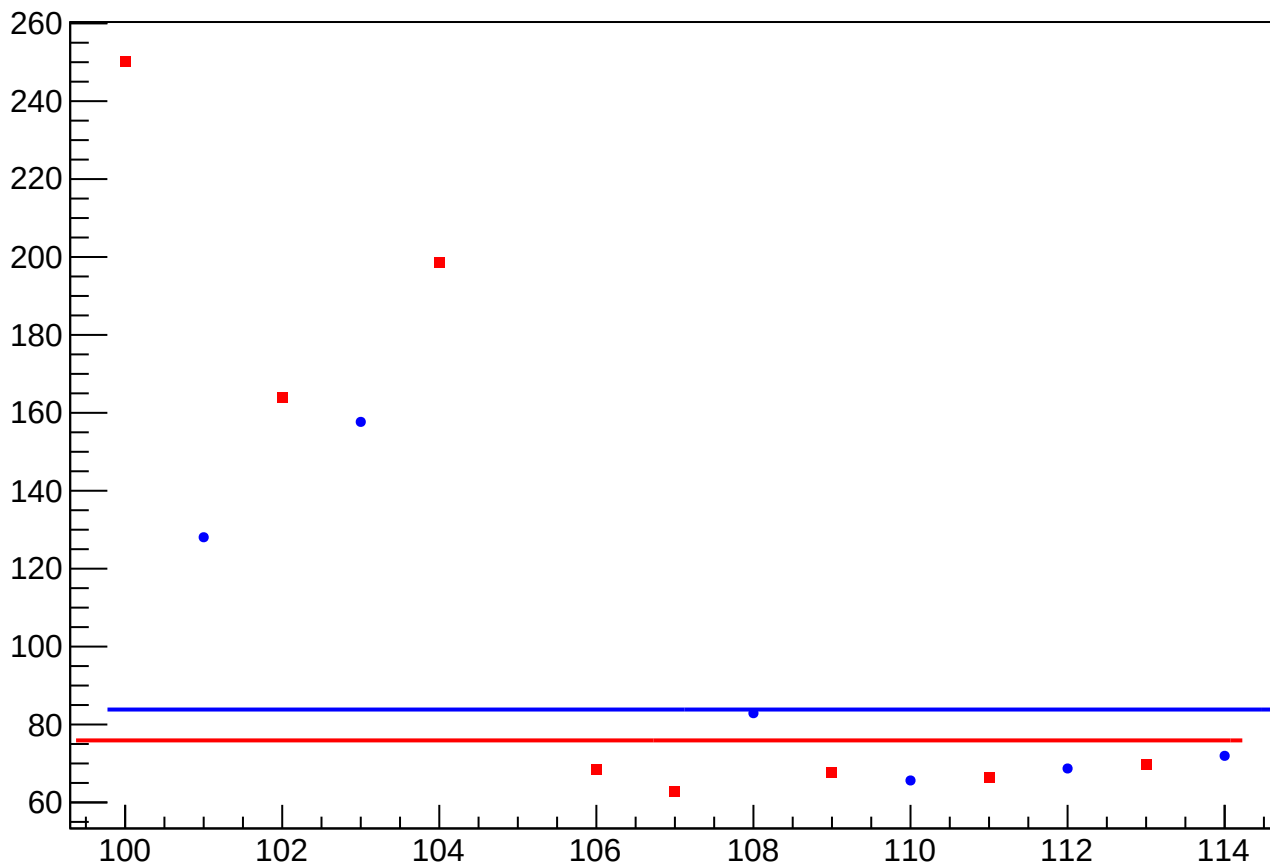
Right: -32.596+/-35.184 χ^2/NDF : 20.8/13

In: -11.336+/-54.819 χ^2/NDF :1.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.596+/-35.184 χ^2/NDF : 20.8/13

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

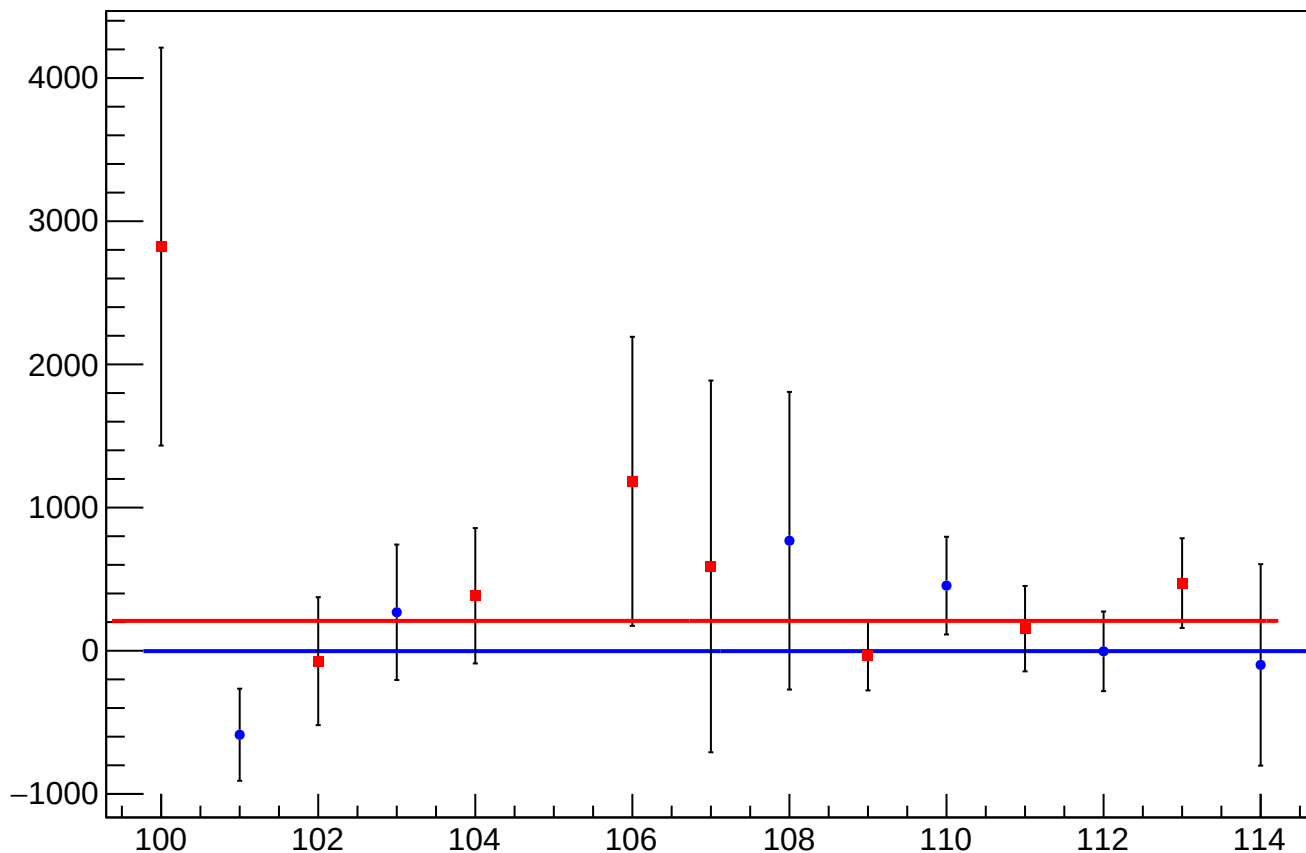
Right: 79.183 $\pm$ 0.025 χ^2 /NDF: 1431583.3/13

In: 83.842 $\pm$ 0.039 χ^2 /NDF: 528333.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.183 $\pm$ 0.025 χ^2 /NDF: 1431583.3/13

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2.503+/-160.970 χ^2/NDF : 6.0/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 208.716+/-141.971 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

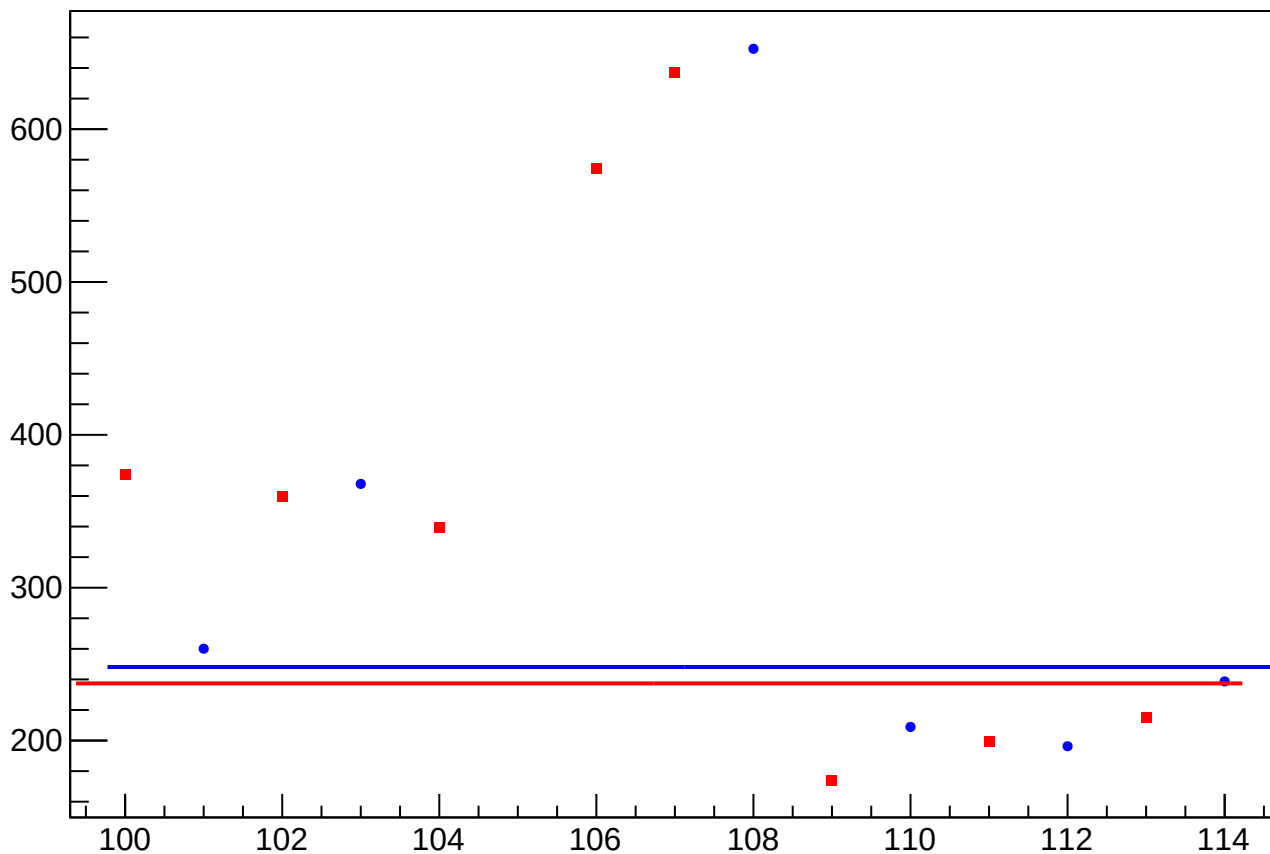
Right: 116.301+/-106.475 χ^2/NDF : 13.8/13

In: -2.503+/-160.970 χ^2/NDF :6.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.301+/-106.475 χ^2/NDF : 13.8/13

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 248.120+/-0.114 χ^2/NDF : 530009.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.389+/-0.100 χ^2/NDF : 852658.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

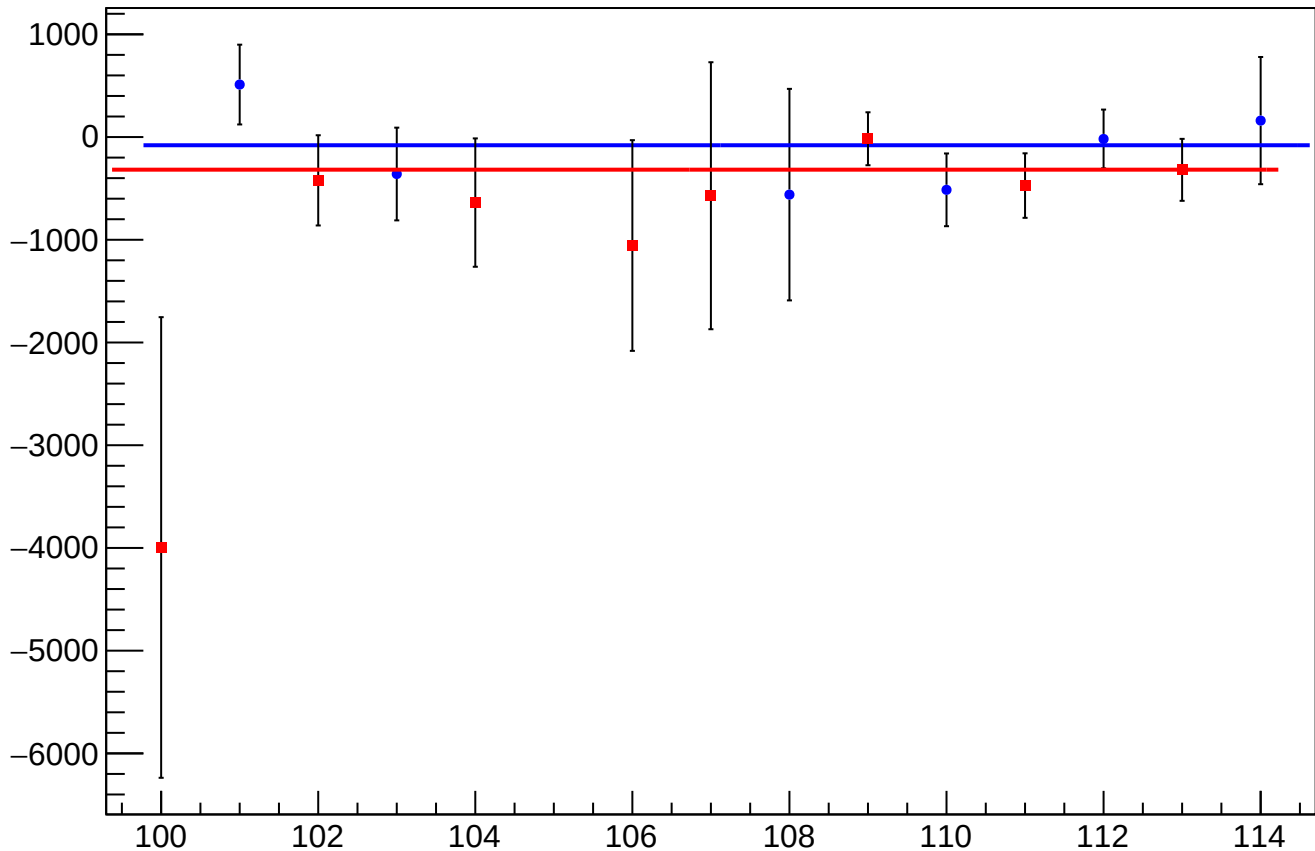
Right: 242.084+/-0.075 χ^2/NDF : 1387668.0/13

In: 248.120+/-0.114 χ^2/NDF : 530009.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.084+/-0.075 χ^2/NDF : 1387668.0/13

asym_sam7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

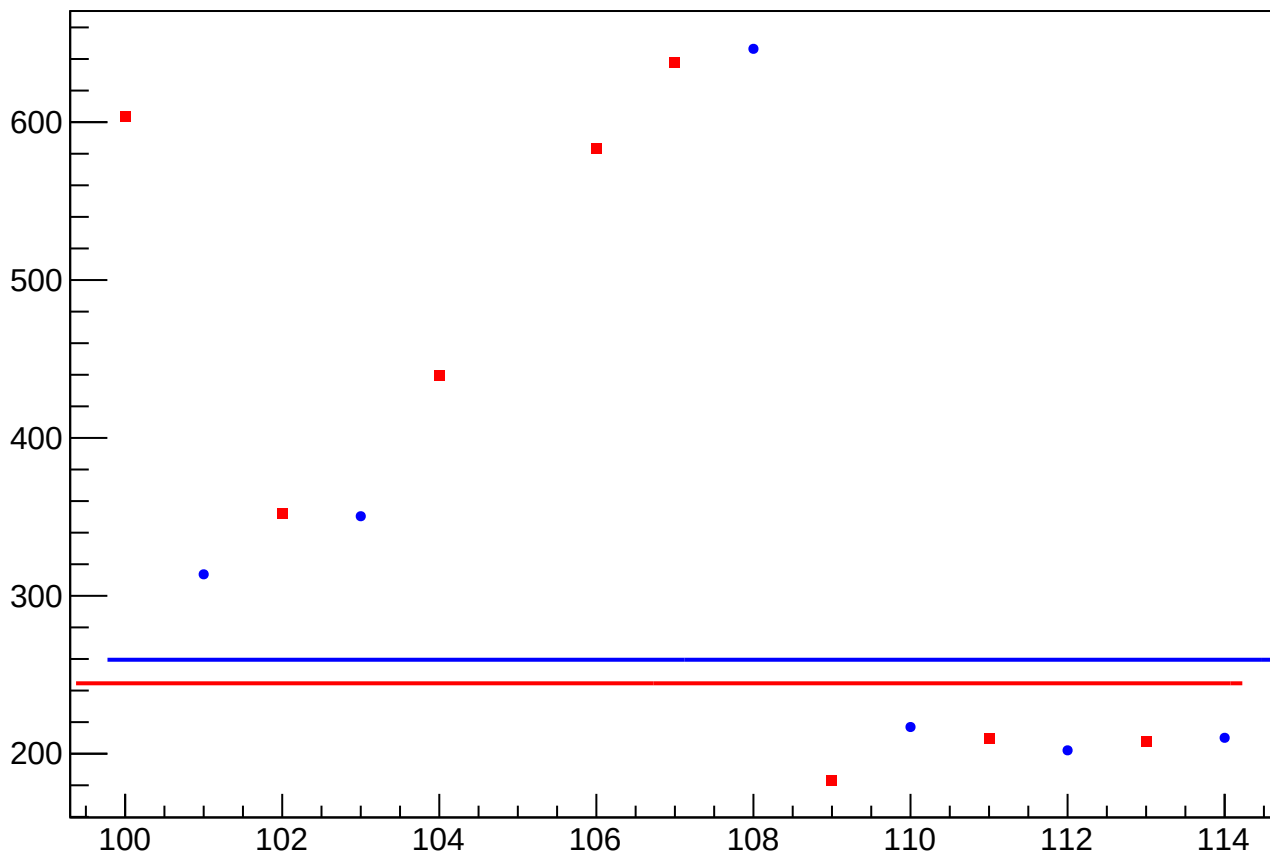
Right: -213.908+/-111.130 χ^2/NDF : 10.9/13

In: -79.768+/-168.330 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.908+/-111.130 χ^2/NDF : 10.9/13

asym_sam7_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

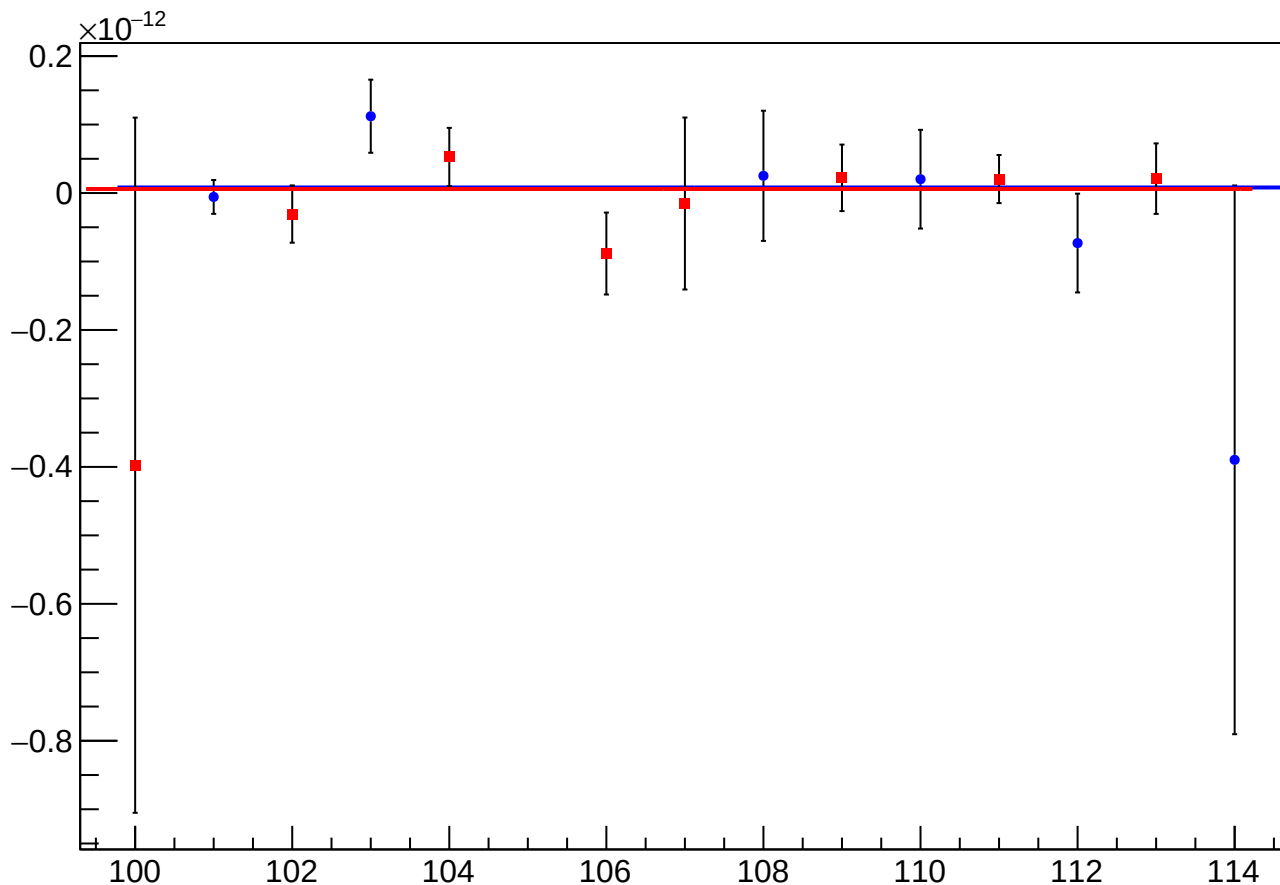
Right: 251.096 $\pm$ 0.079 χ^2 /NDF: 1469153.6/13

In: 259.512 $\pm$ 0.119 χ^2 /NDF:524573.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 251.096 $\pm$ 0.079 χ^2 /NDF: 1469153.6/13

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

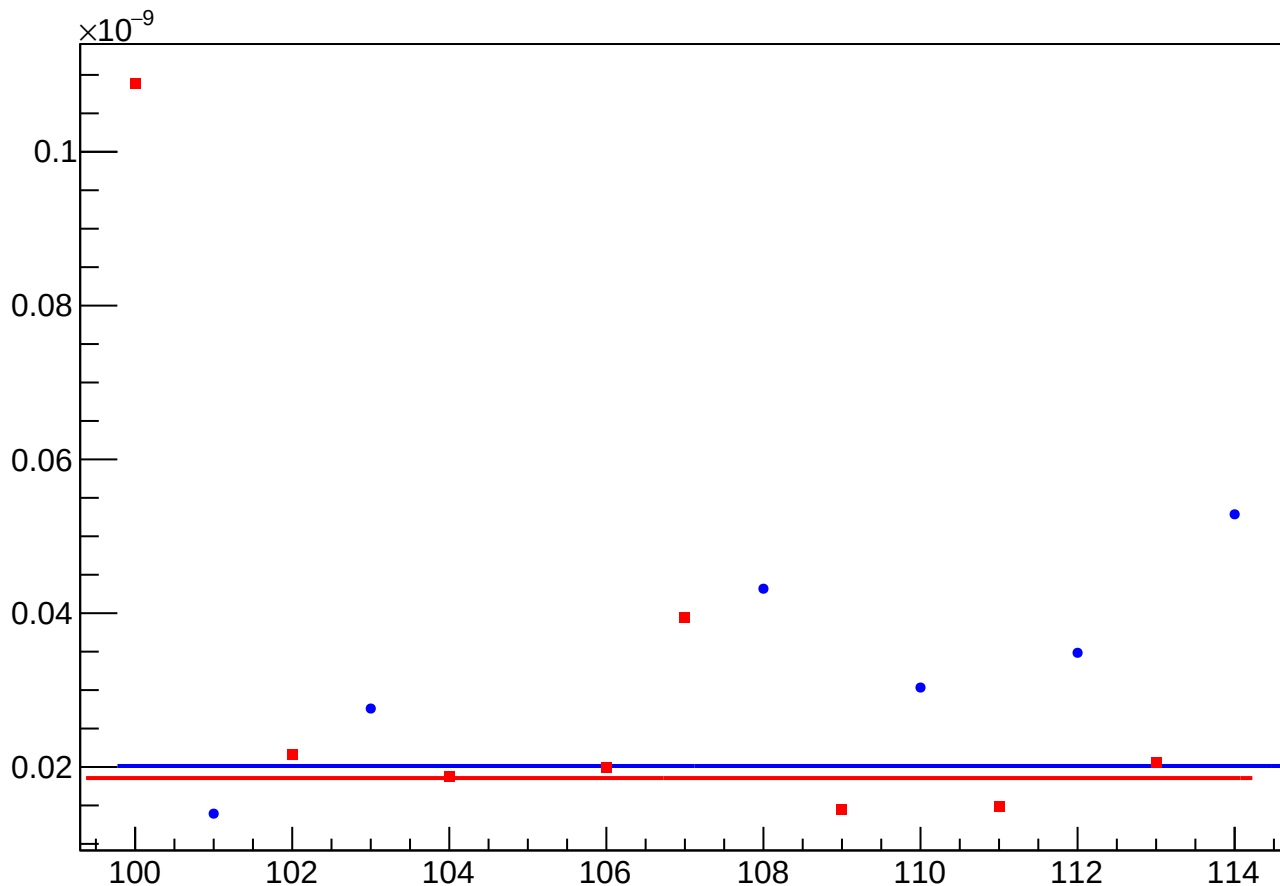
Right: 0.000+/-0.000 χ^2 /NDF: 11.9/13

In: 0.000+/-0.000 χ^2 /NDF: 6.4/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.9/13

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

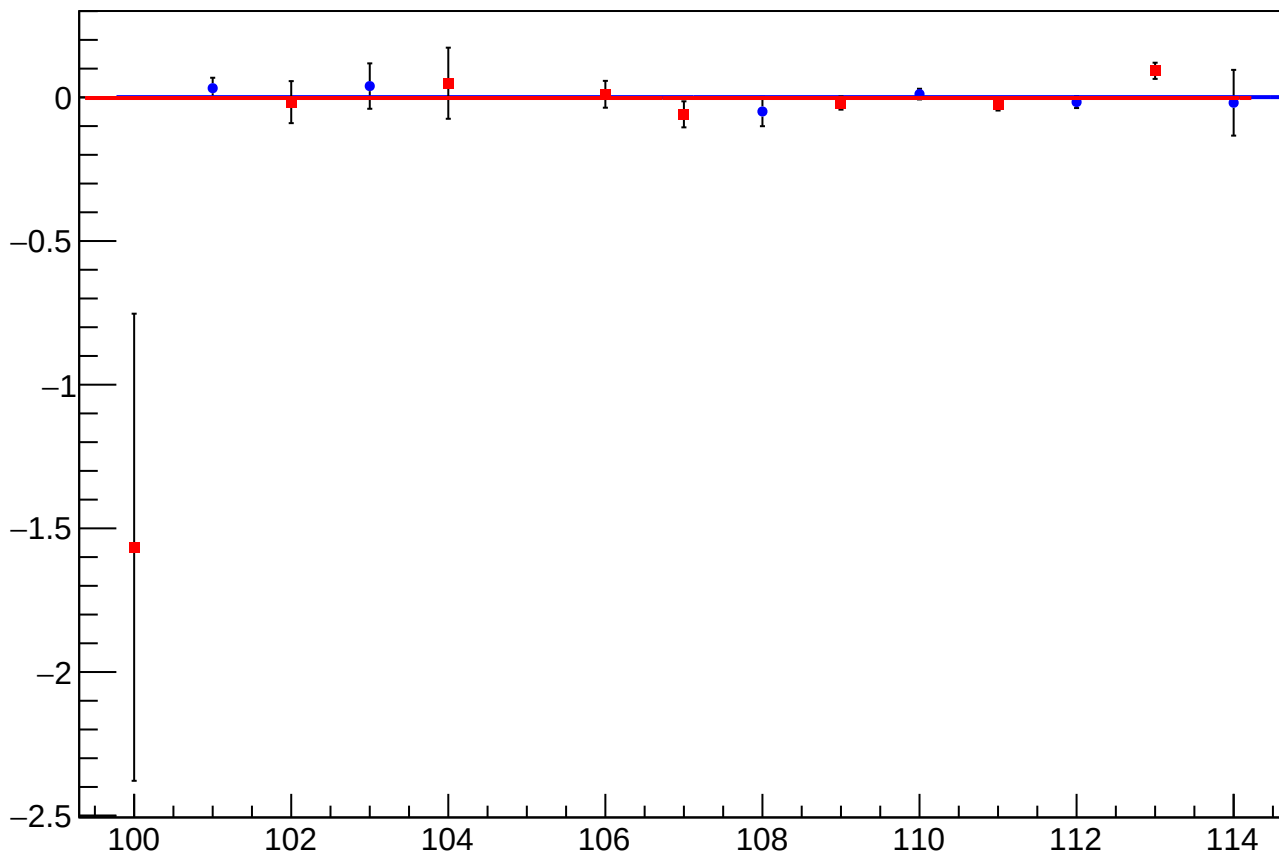
Right: 0.000+/-0.000 χ^2/NDF : 596185.4/13

In: 0.000+/-0.000 χ^2/NDF : 419551.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 596185.4/13

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

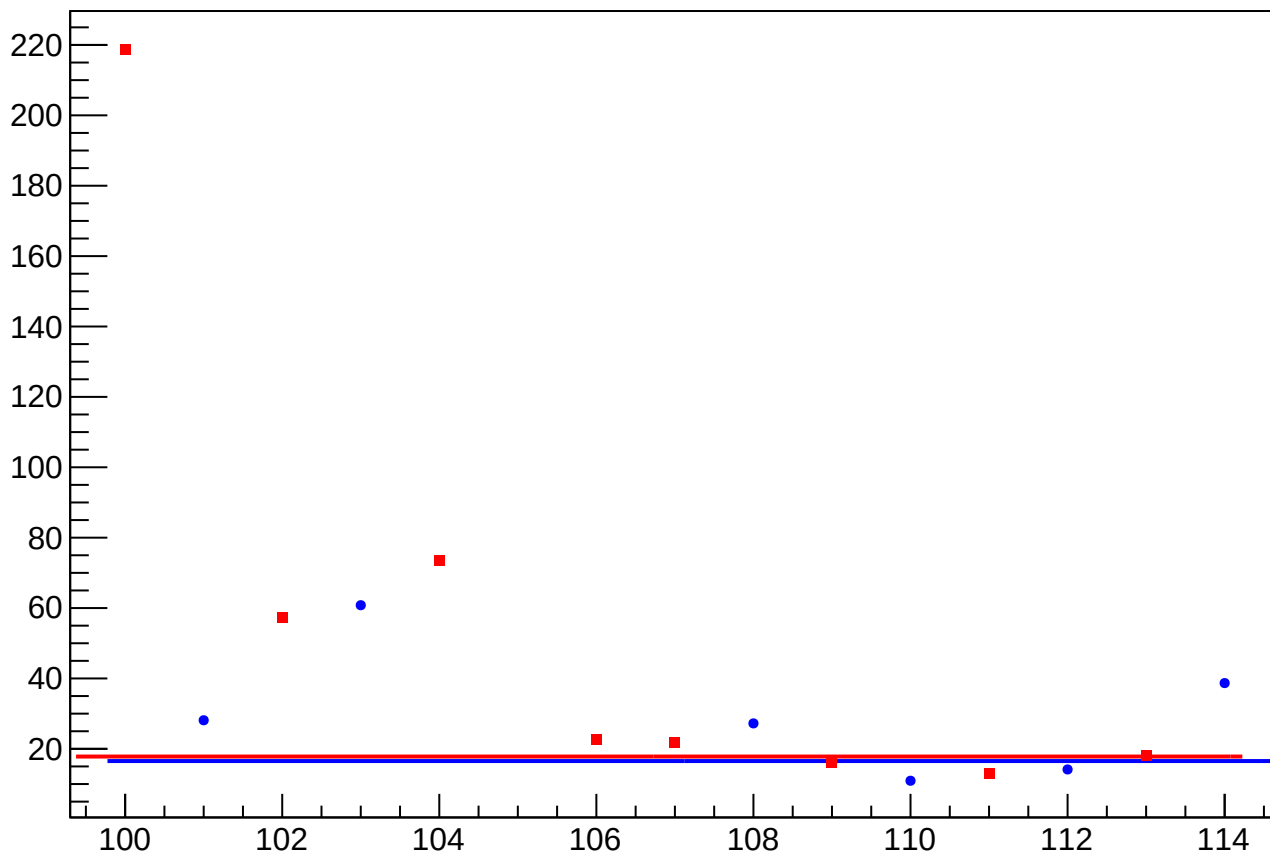
Right: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

In: 0.001 $\pm$ 0.012 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

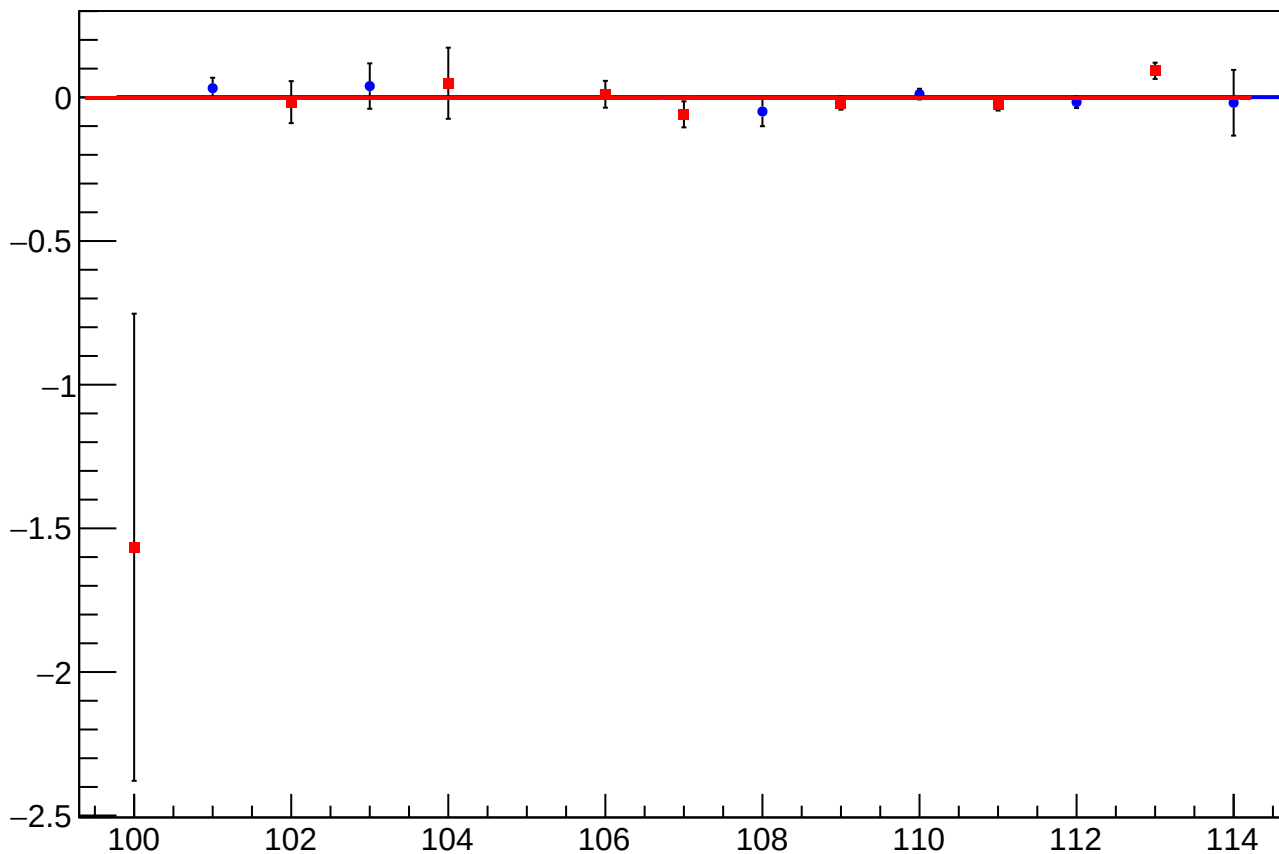
Right: 17.190+/-0.006 χ^2/NDF : 2495730.9/13

In: 16.529+/-0.009 χ^2/NDF : 1202286.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.190+/-0.006 χ^2/NDF : 2495730.9/13

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

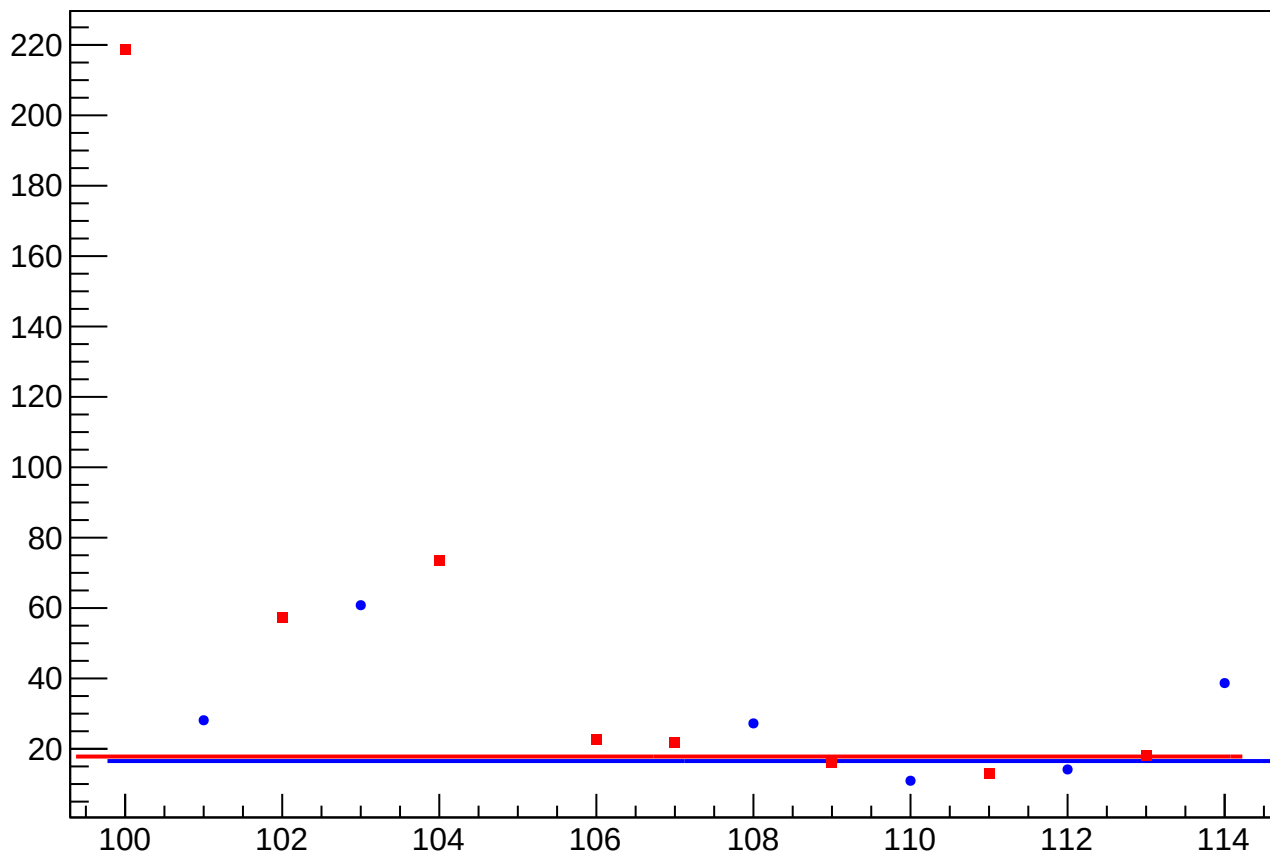
Right: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

In: 0.001 $\pm$ 0.012 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

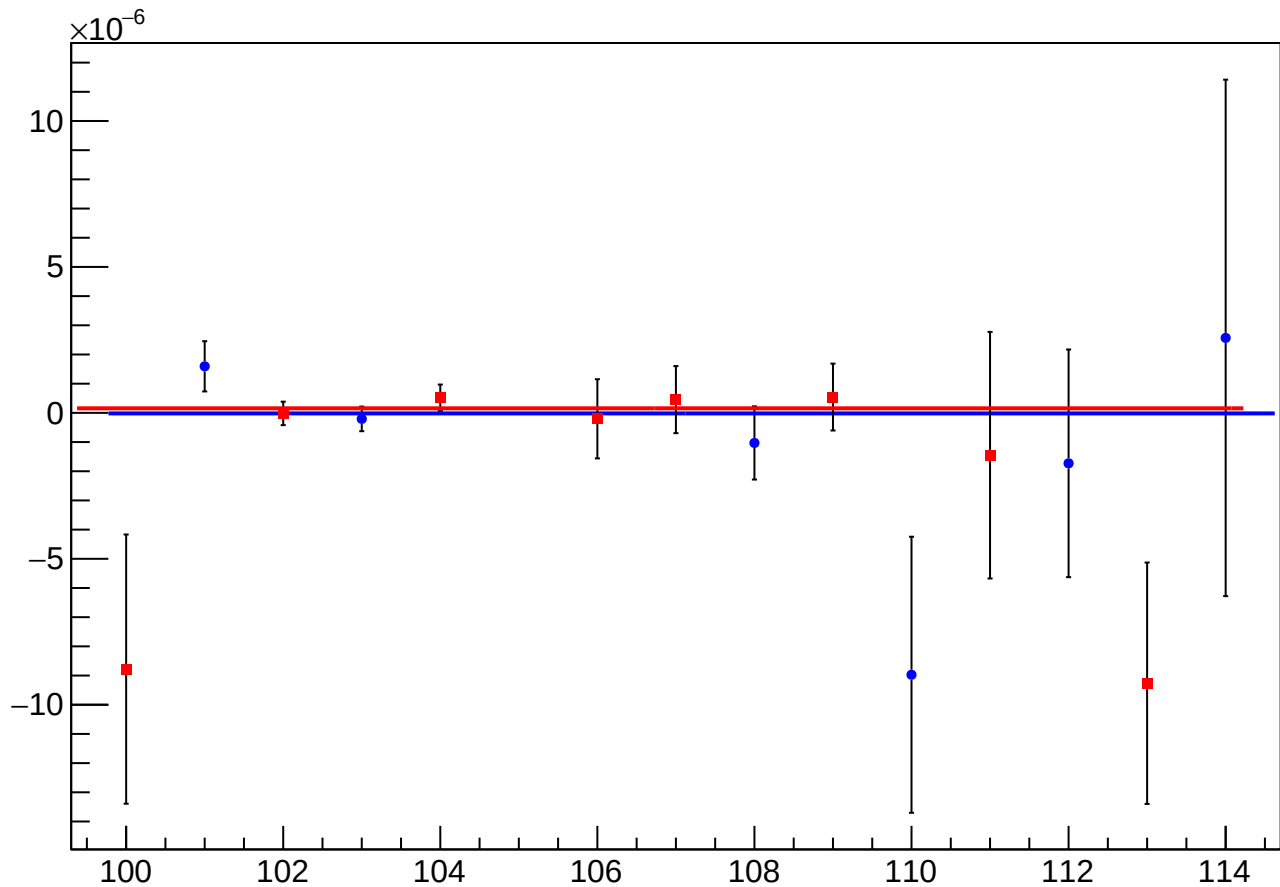
Right: 17.190+/-0.006 χ^2/NDF : 2495730.9/13

In: 16.529+/-0.009 χ^2/NDF : 1202286.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.190+/-0.006 χ^2/NDF : 2495730.9/13

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

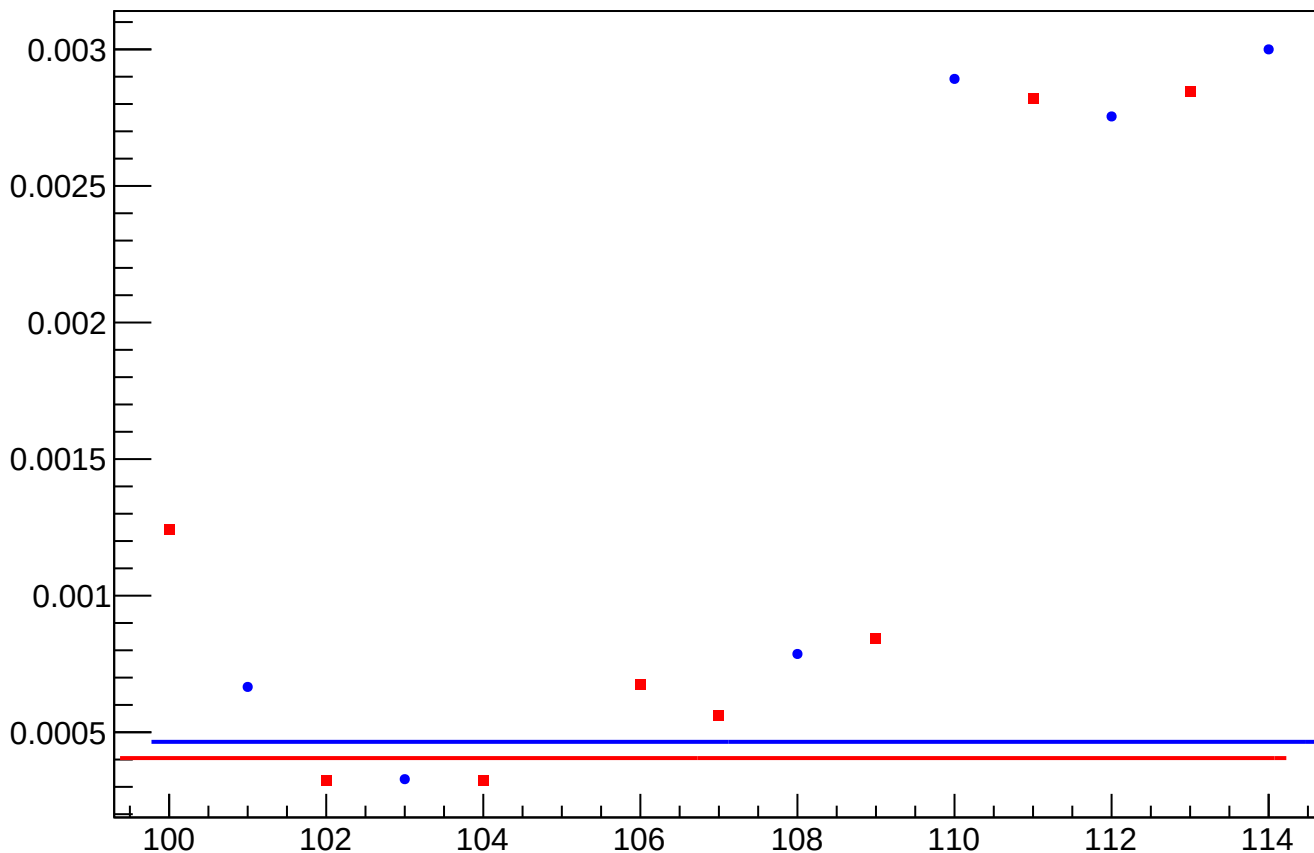
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/13

In: -0.000 $\pm$ 0.000 χ^2 /NDF:8.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/13

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

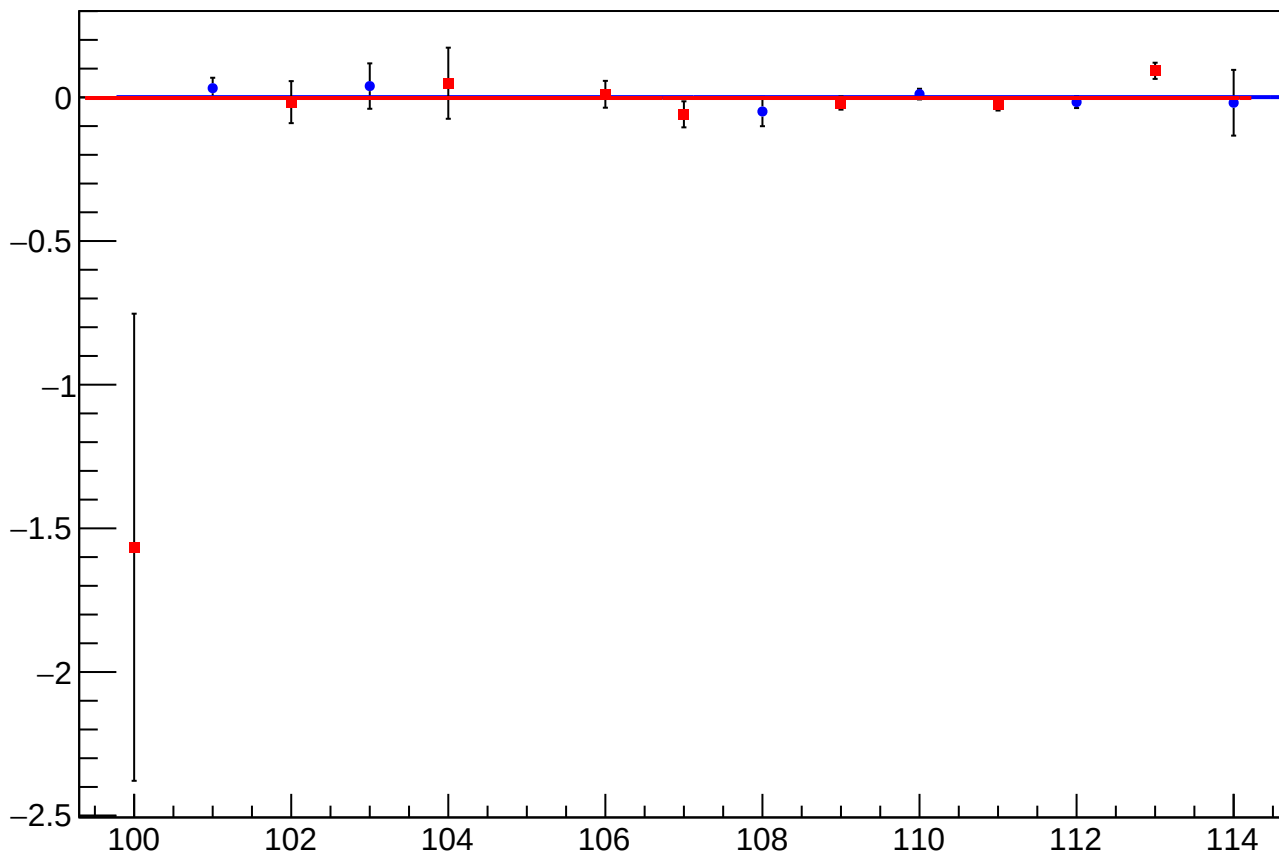
Right: 0.000+/-0.000 χ^2/NDF : 3843420.0/13

In: 0.000+/-0.000 χ^2/NDF : 1830919.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3843420.0/13

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

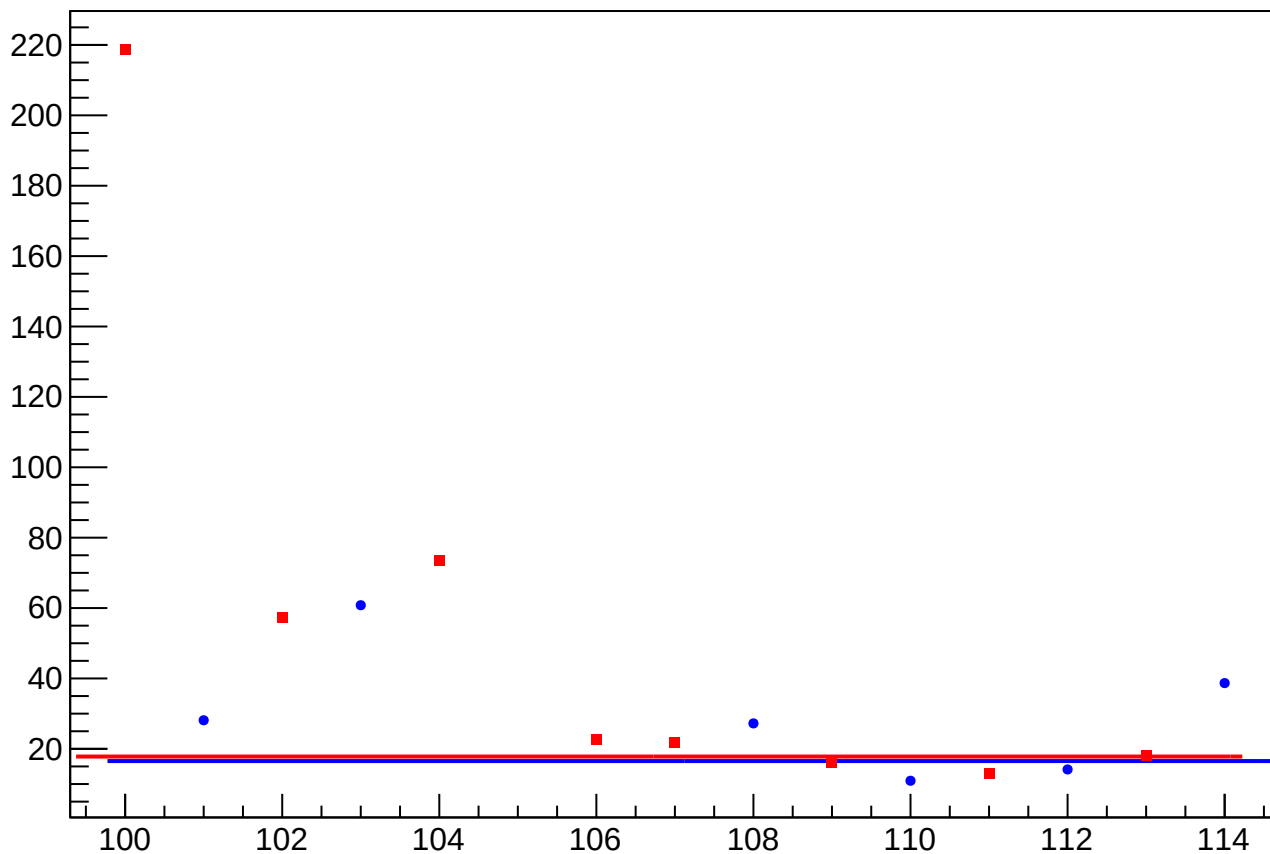
Right: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

In: 0.001 $\pm$ 0.012 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

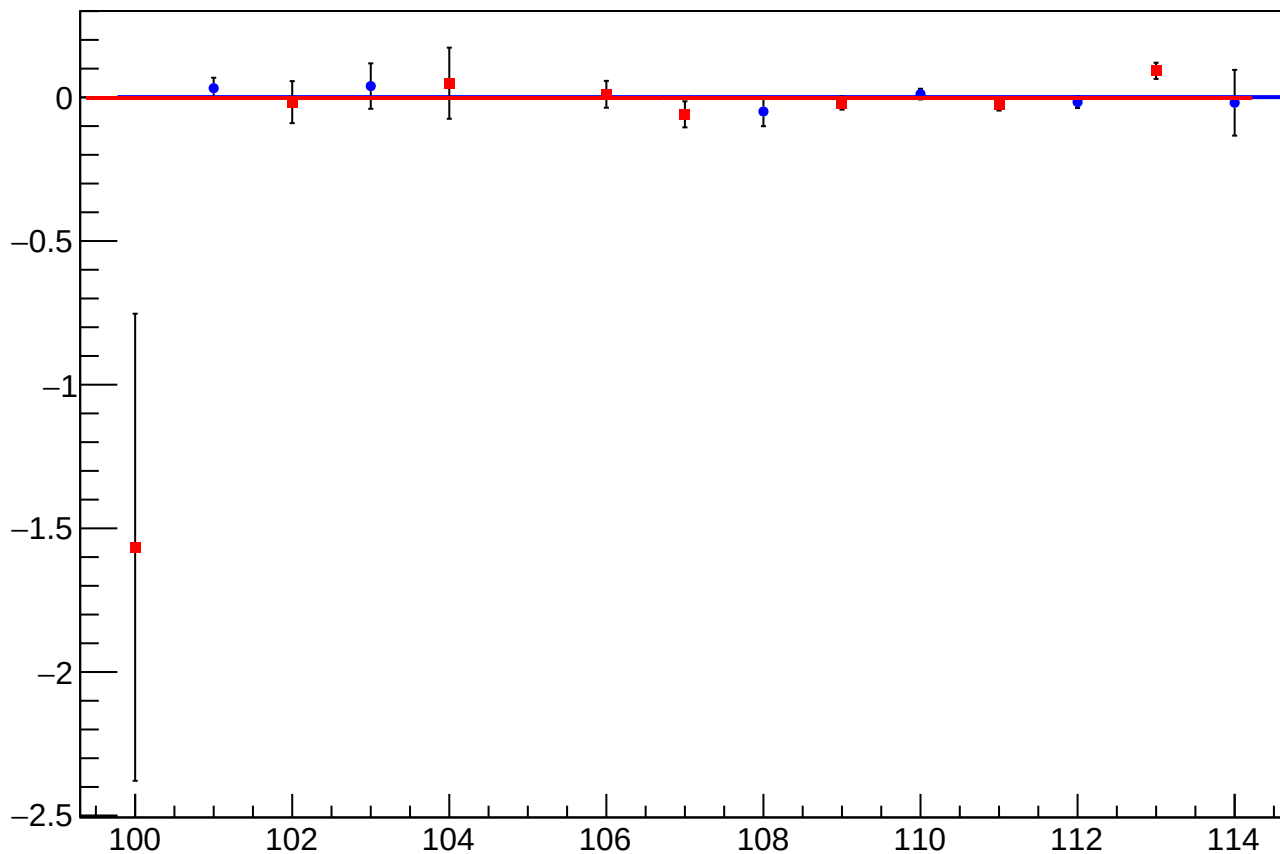
Right: 17.190+/-0.006 χ^2/NDF : 2495609.3/13

In: 16.530+/-0.009 χ^2/NDF : 1202217.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.190+/-0.006 χ^2/NDF : 2495609.3/13

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

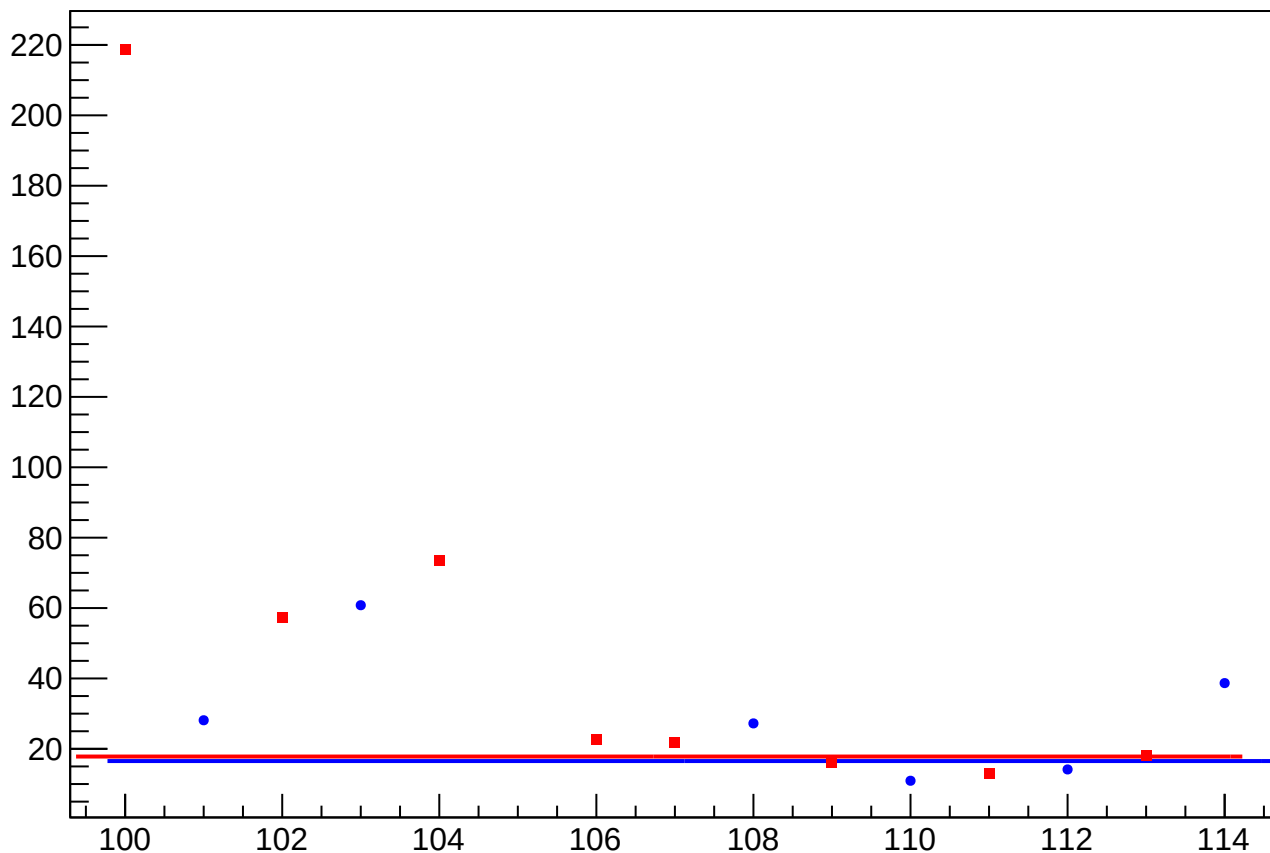
Right: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

In: 0.001 $\pm$ 0.012 χ^2 /NDF:3.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.009 χ^2 /NDF: 22.0/13

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

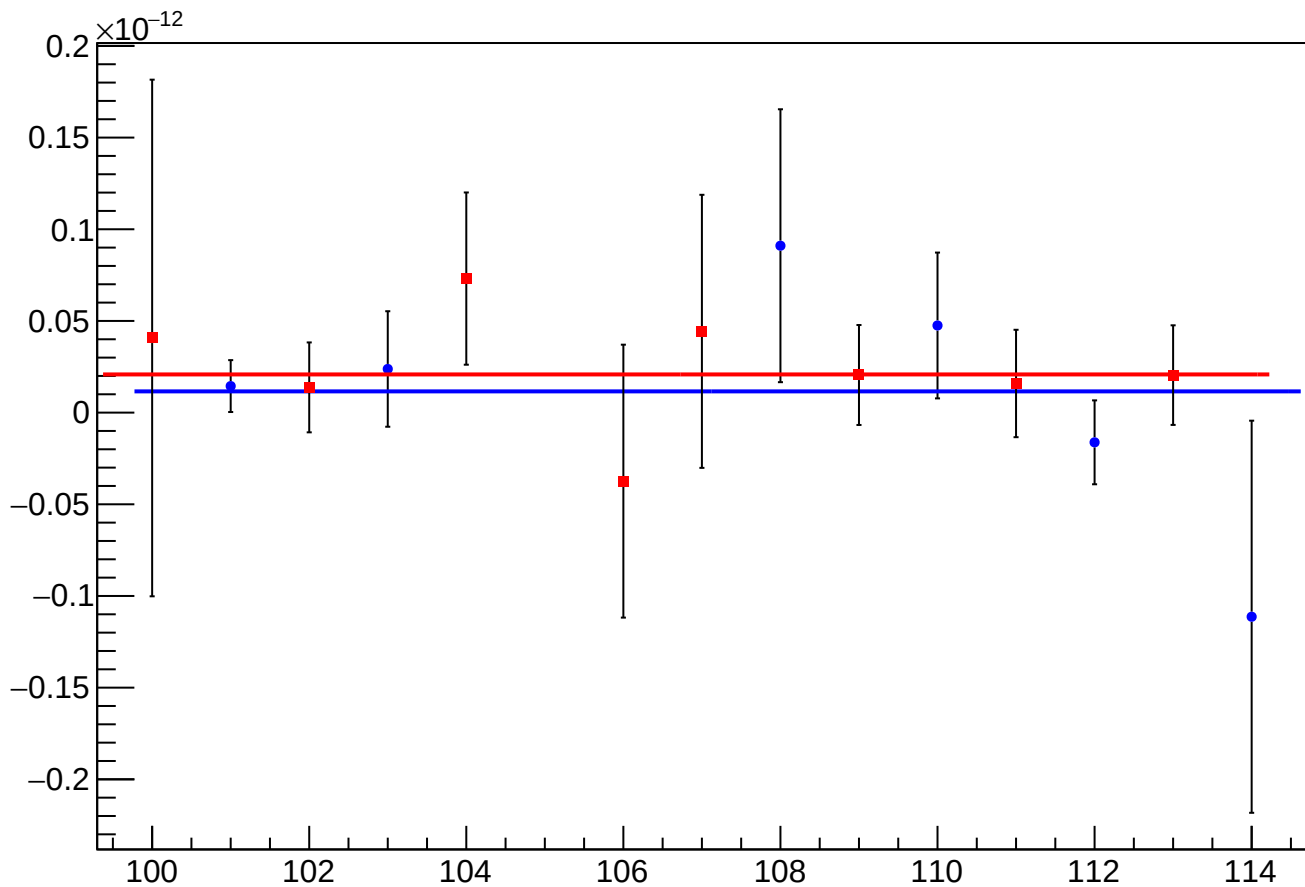
Right: 17.190+/-0.006 χ^2/NDF : 2495609.3/13

In: 16.530+/-0.009 χ^2/NDF : 1202217.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.190+/-0.006 χ^2/NDF : 2495609.3/13

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 2.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

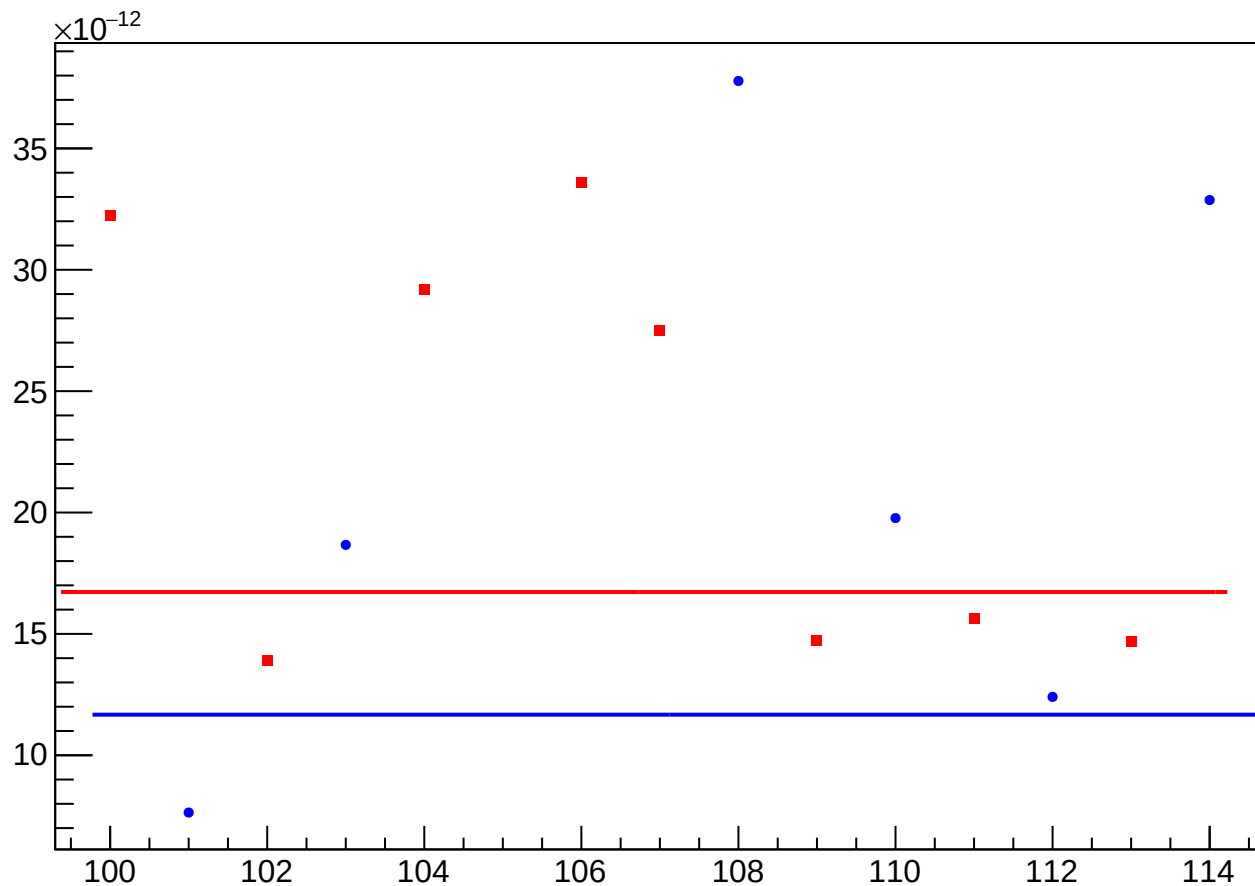
Right: 0.000+/-0.000 χ^2/NDF : 7.3/13

In: 0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.3/13

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

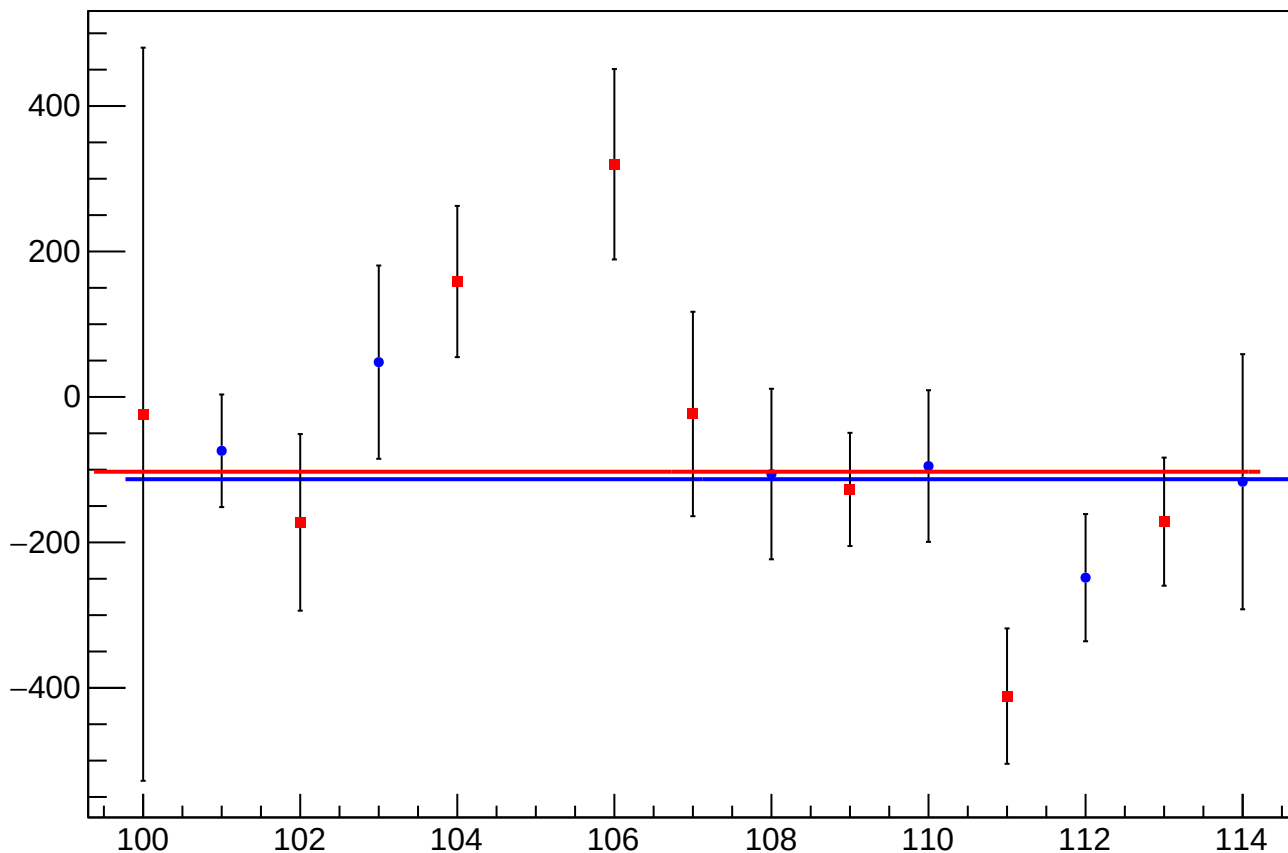
Right: 0.000+/-0.000 χ^2/NDF : 1221383.6/13

In: 0.000+/-0.000 χ^2/NDF : 670758.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1221383.6/13

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -113.113+/-42.584 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.817+/-38.273 χ^2/NDF : 29.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

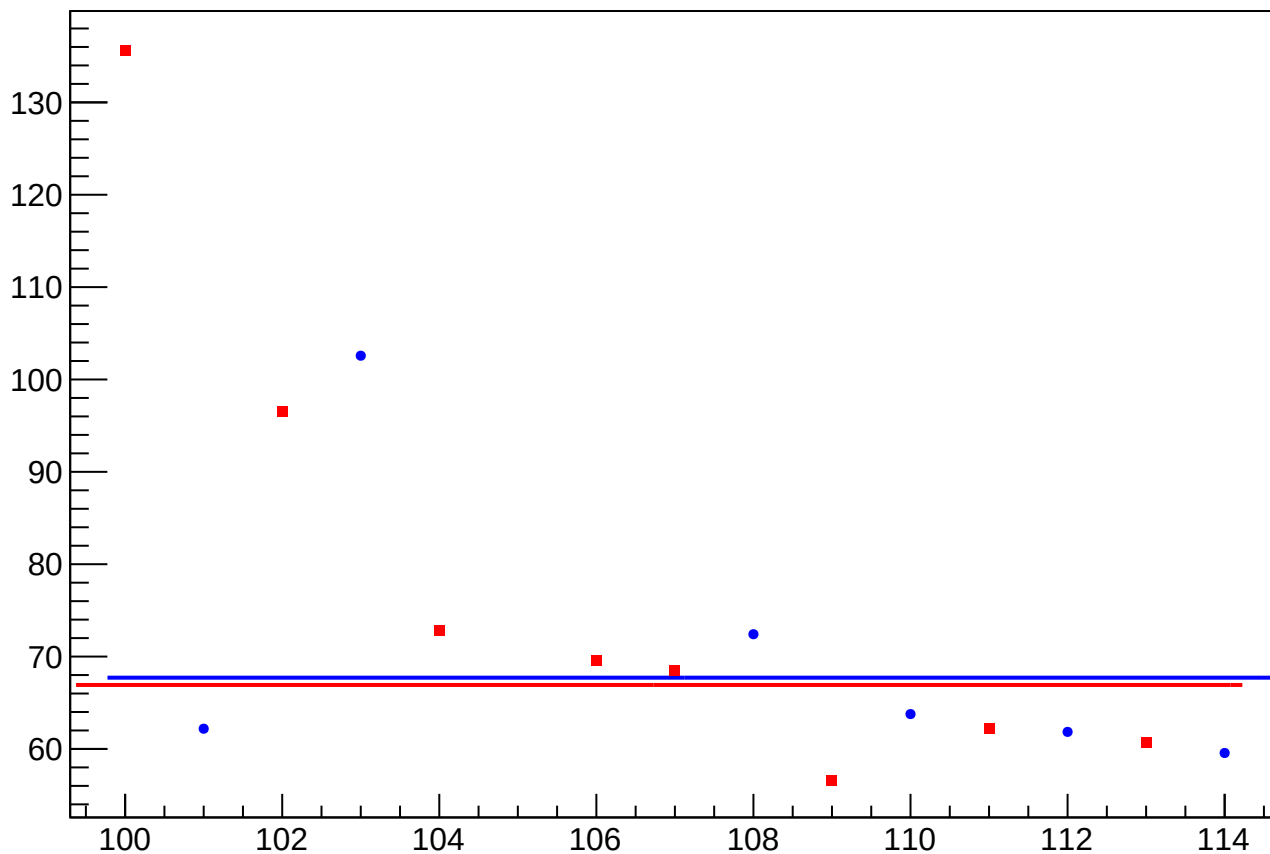
Right: -107.418+/-28.466 χ^2/NDF : 33.3/13

In: -113.113+/-42.584 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.418+/-28.466 χ^2/NDF : 33.3/13

reg_asym_sam8_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

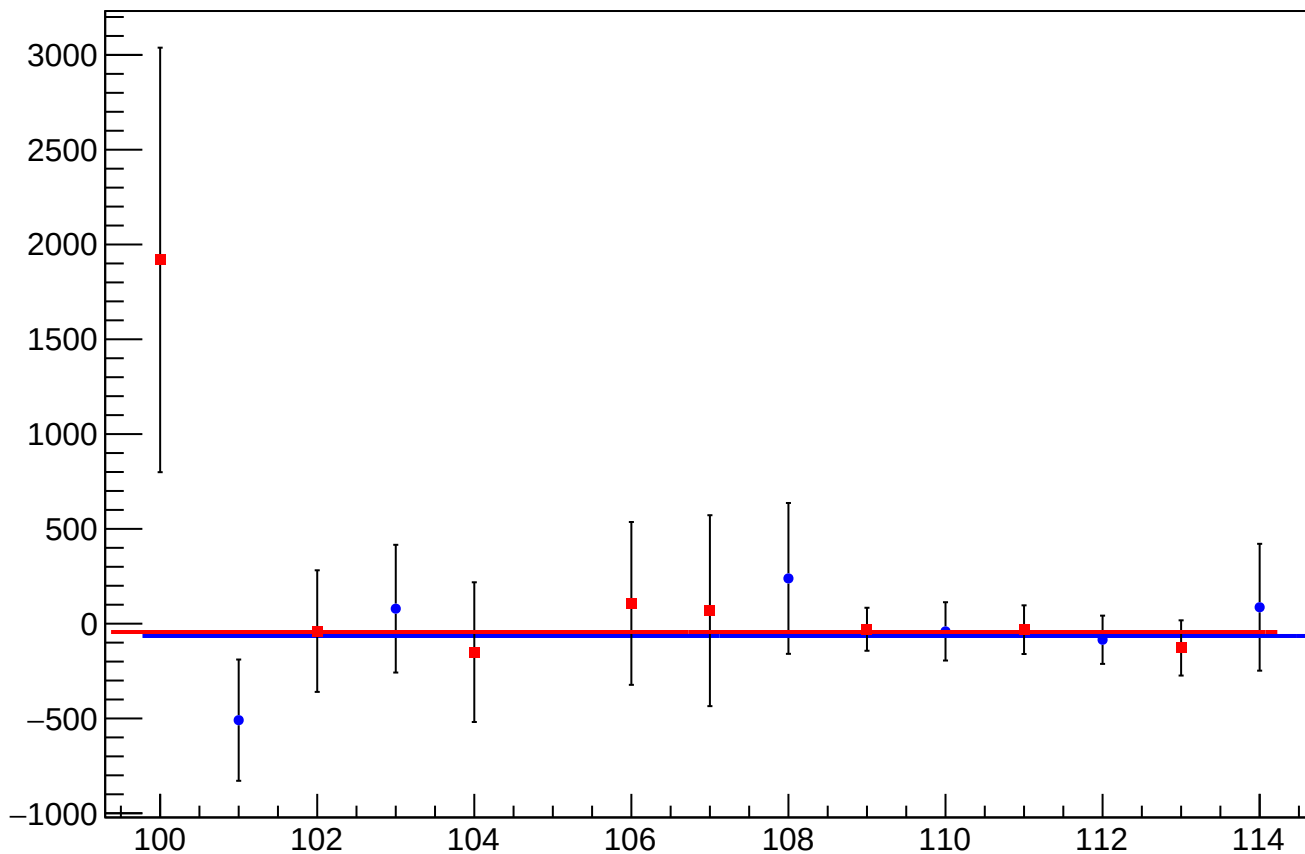
Right: 67.279+/-0.020 χ^2/NDF : 381589.6/13

In: 67.716+/-0.030 χ^2/NDF : 167235.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.279+/-0.020 χ^2/NDF : 381589.6/13

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -64.970+/-85.164 χ^2/NDF : 2.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.965+/-68.542 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

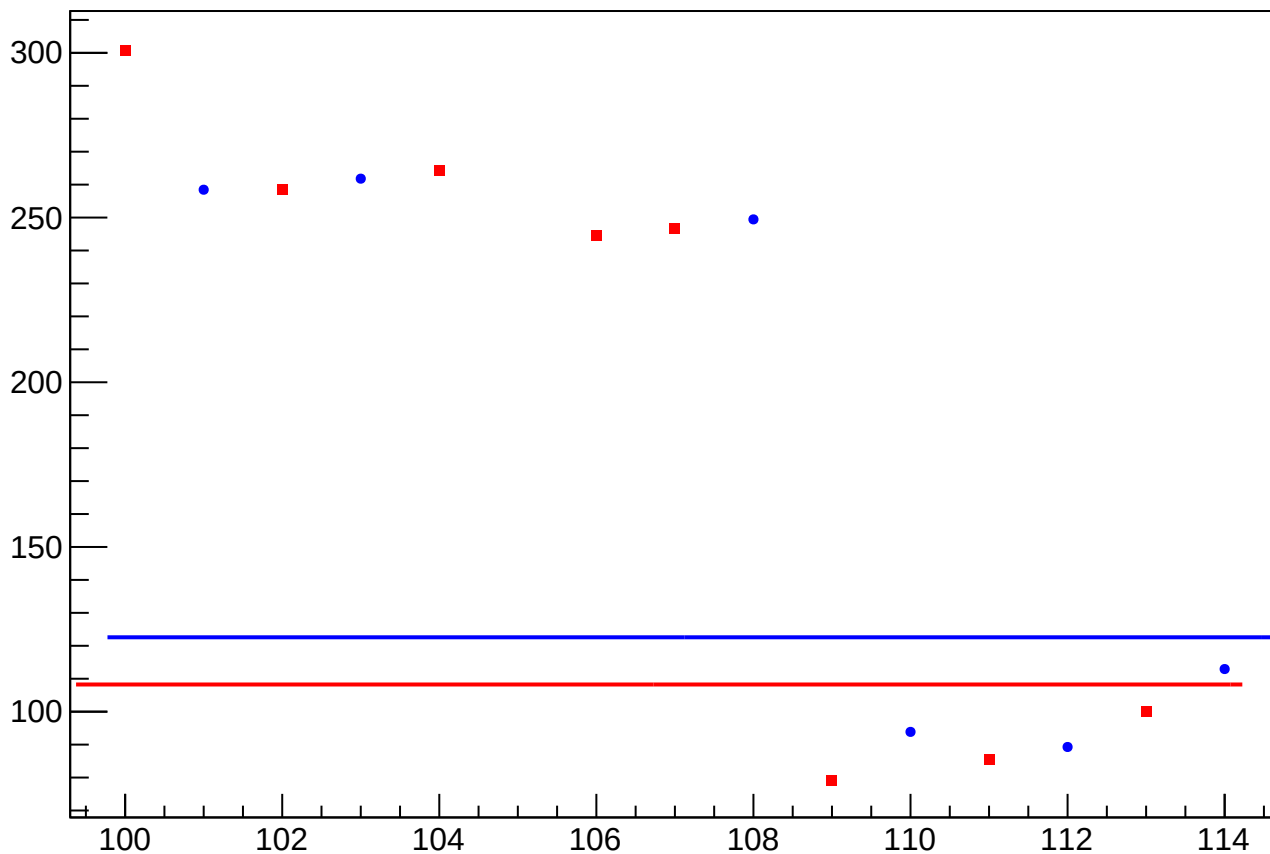
Right: -52.222+/-53.397 χ^2/NDF : 6.7/13

In: -64.970+/-85.164 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.222+/-53.397 χ^2/NDF : 6.7/13

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 122.580+/-0.060 χ^2/NDF : 1114232.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.251+/-0.048 χ^2/NDF : 1411010.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

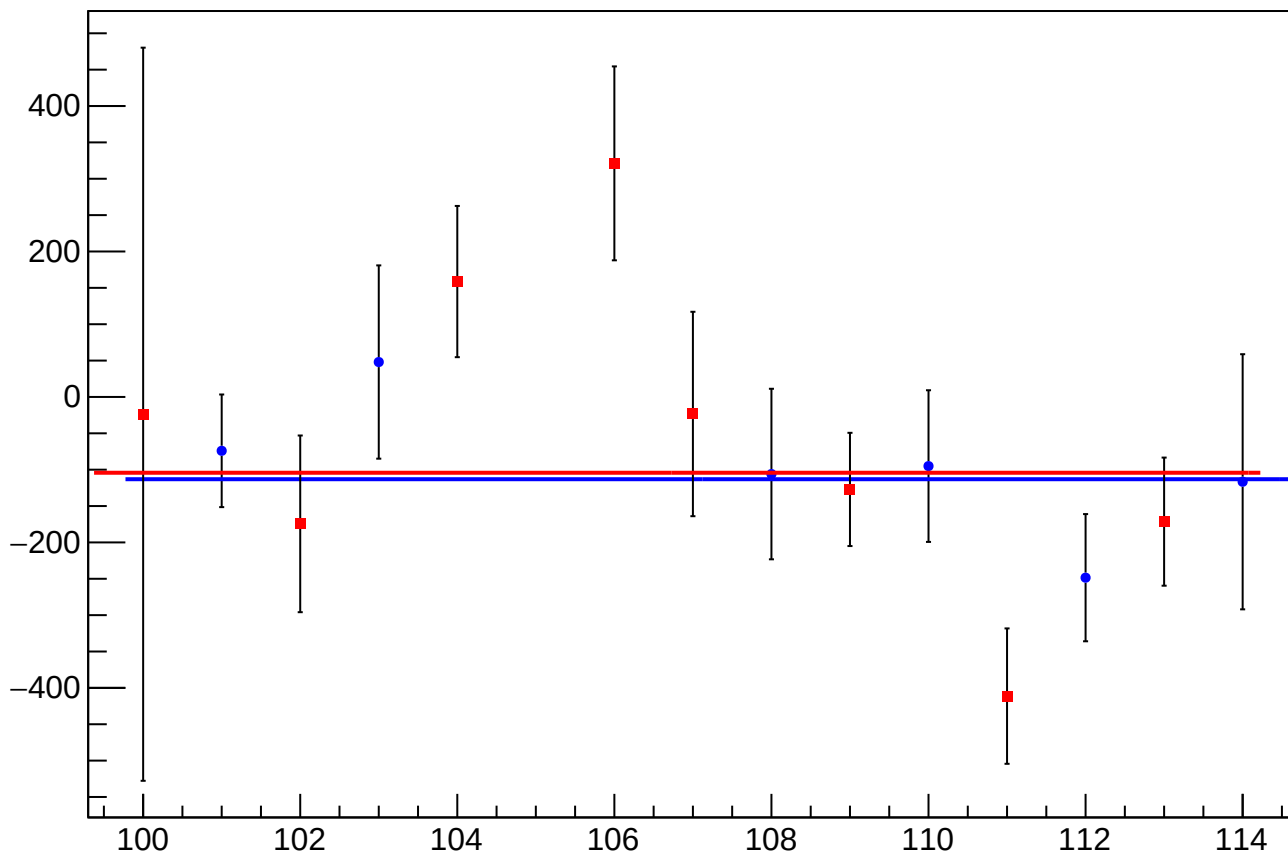
Right: 113.884+/-0.038 χ^2/NDF : 2559599.8/13

In: 122.580+/-0.060 χ^2/NDF :1114232.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.884+/-0.038 χ^2/NDF : 2559599.8/13

cor_asym_sam8_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

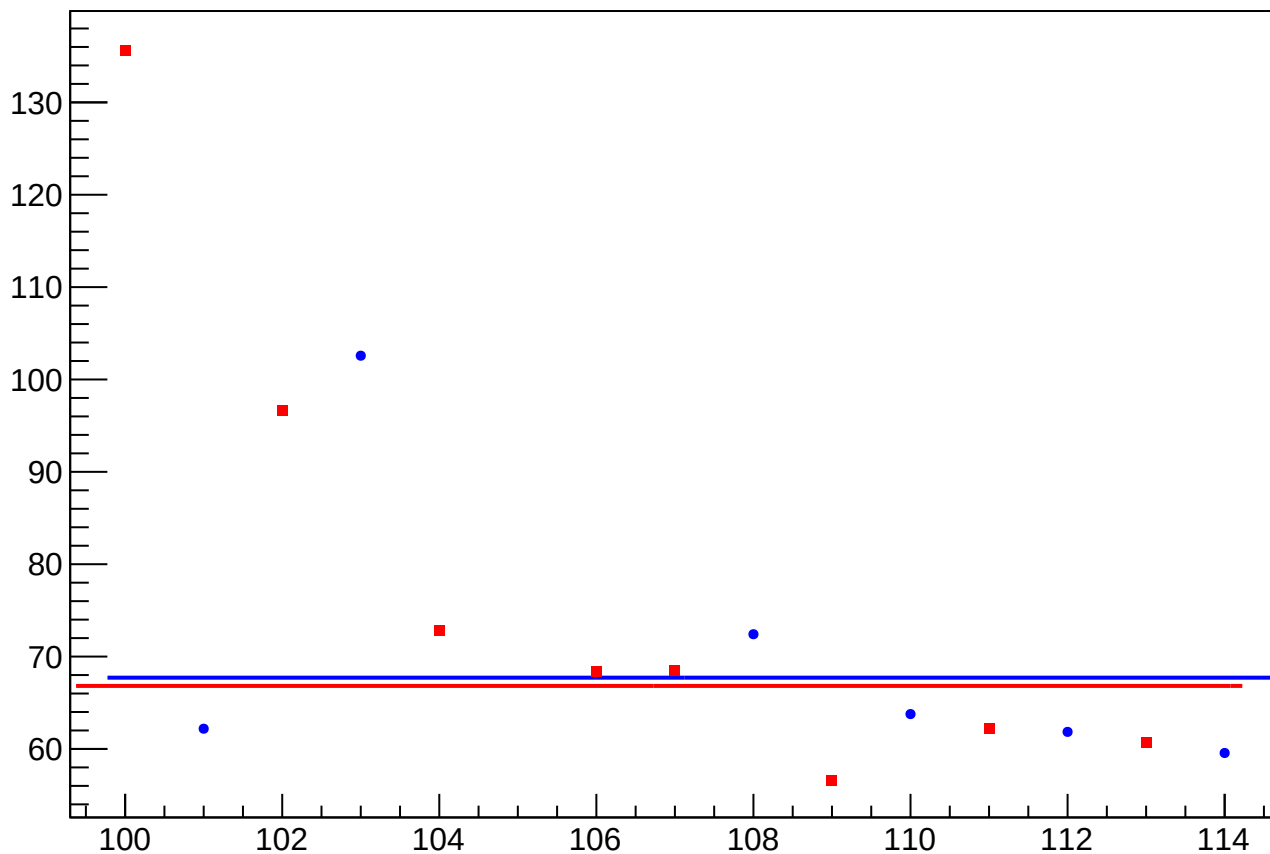
Right: -108.199 ± 28.491 χ^2/NDF : 33.0/13

In: -113.110 ± 42.584 χ^2/NDF : 4.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -108.199 ± 28.491 χ^2/NDF : 33.0/13

cor_asym_sam8_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

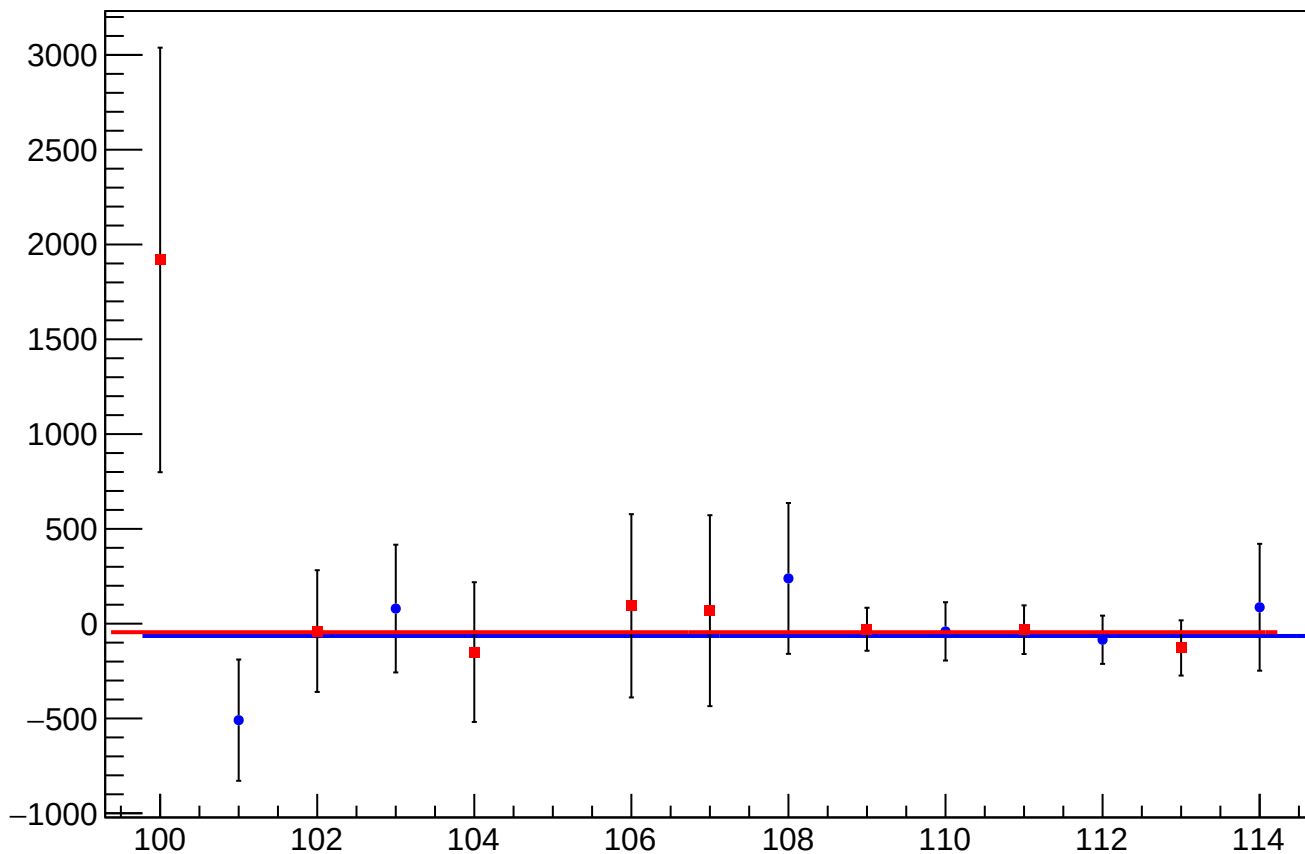
Right: 67.223+/-0.020 χ^2/NDF : 381289.2/13

In: 67.716+/-0.030 χ^2/NDF : 167237.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.223+/-0.020 χ^2/NDF : 381289.2/13

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

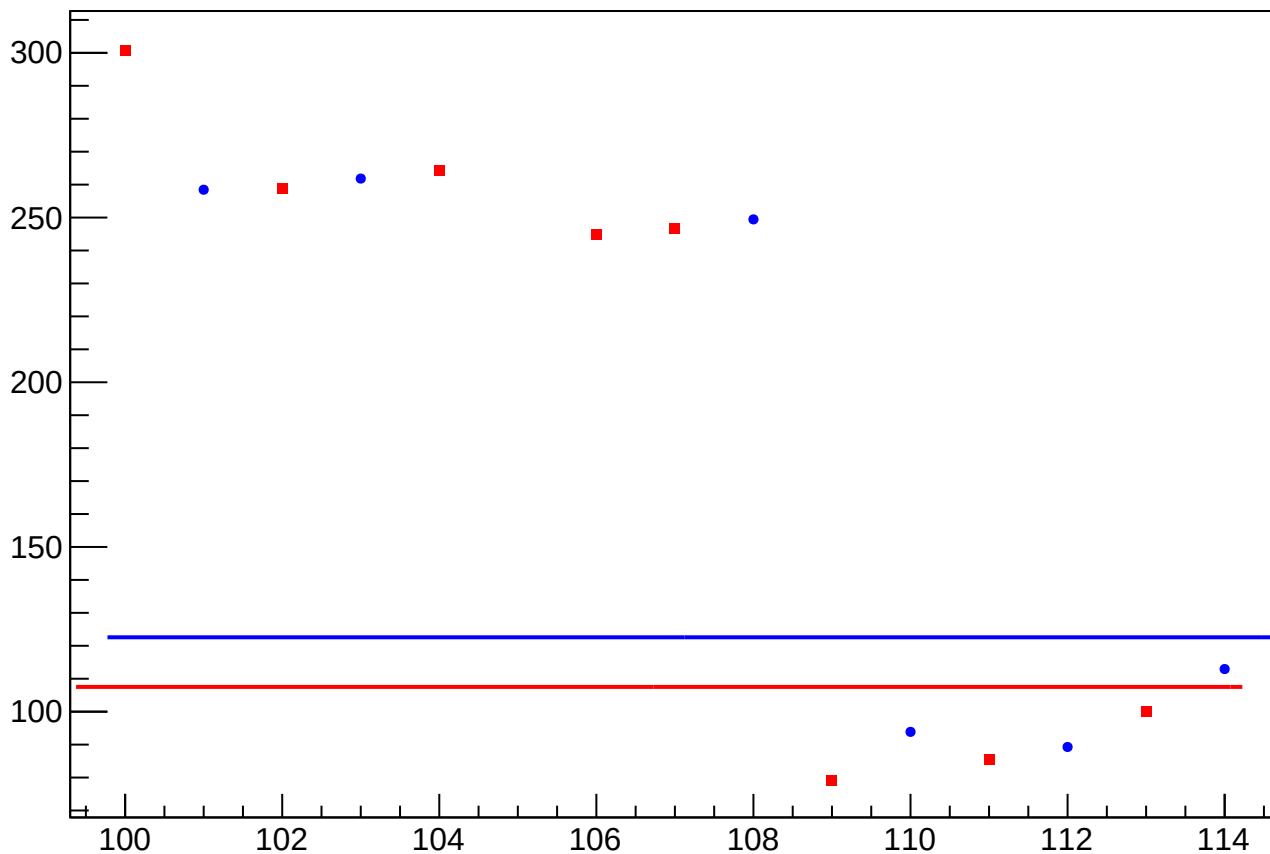
Right: -52.874+/-53.485 χ^2/NDF : 6.6/13

In: -64.947+/-85.165 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.874+/-53.485 χ^2/NDF : 6.6/13

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

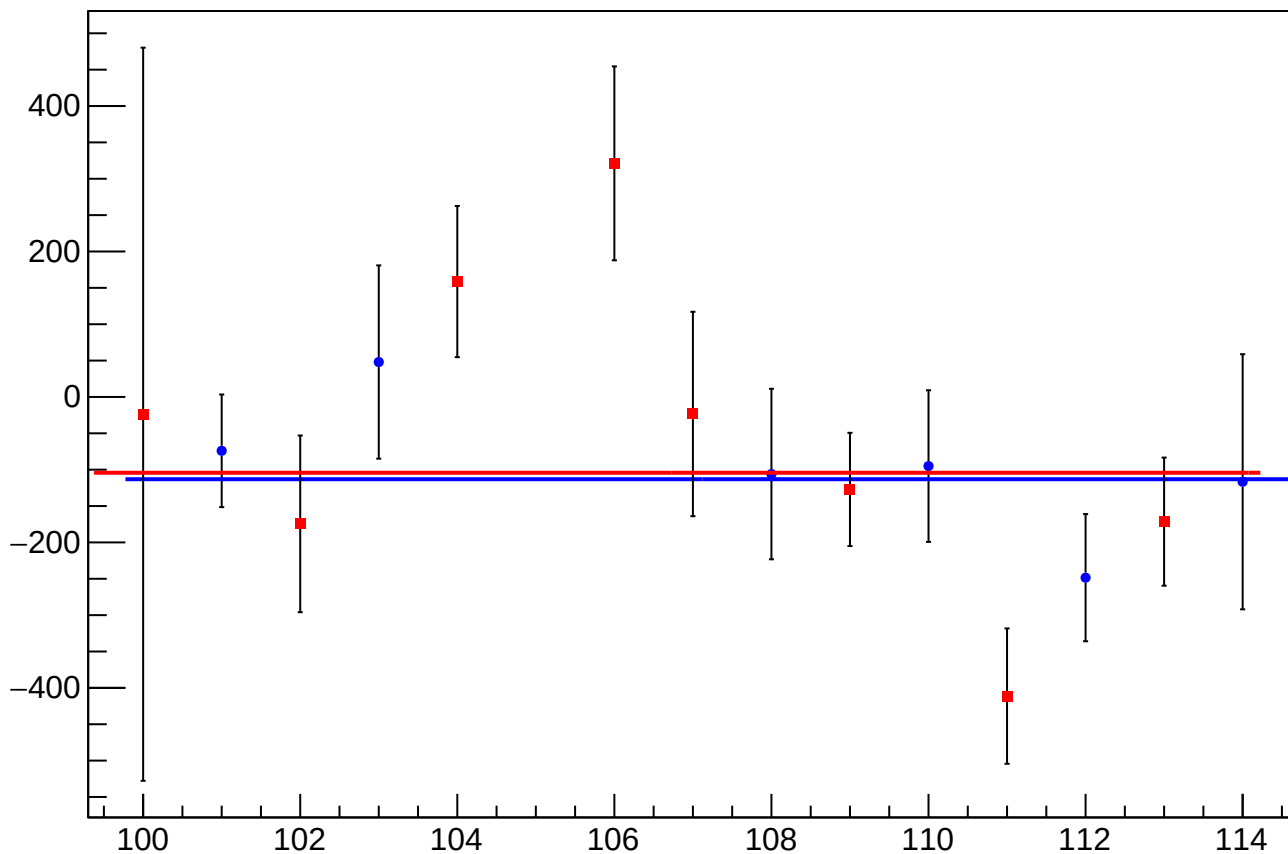
Right: 113.458+/-0.038 χ^2/NDF : 2521729.2/13

In: 122.579+/-0.060 χ^2/NDF :1114286.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.458+/-0.038 χ^2/NDF : 2521729.2/13

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

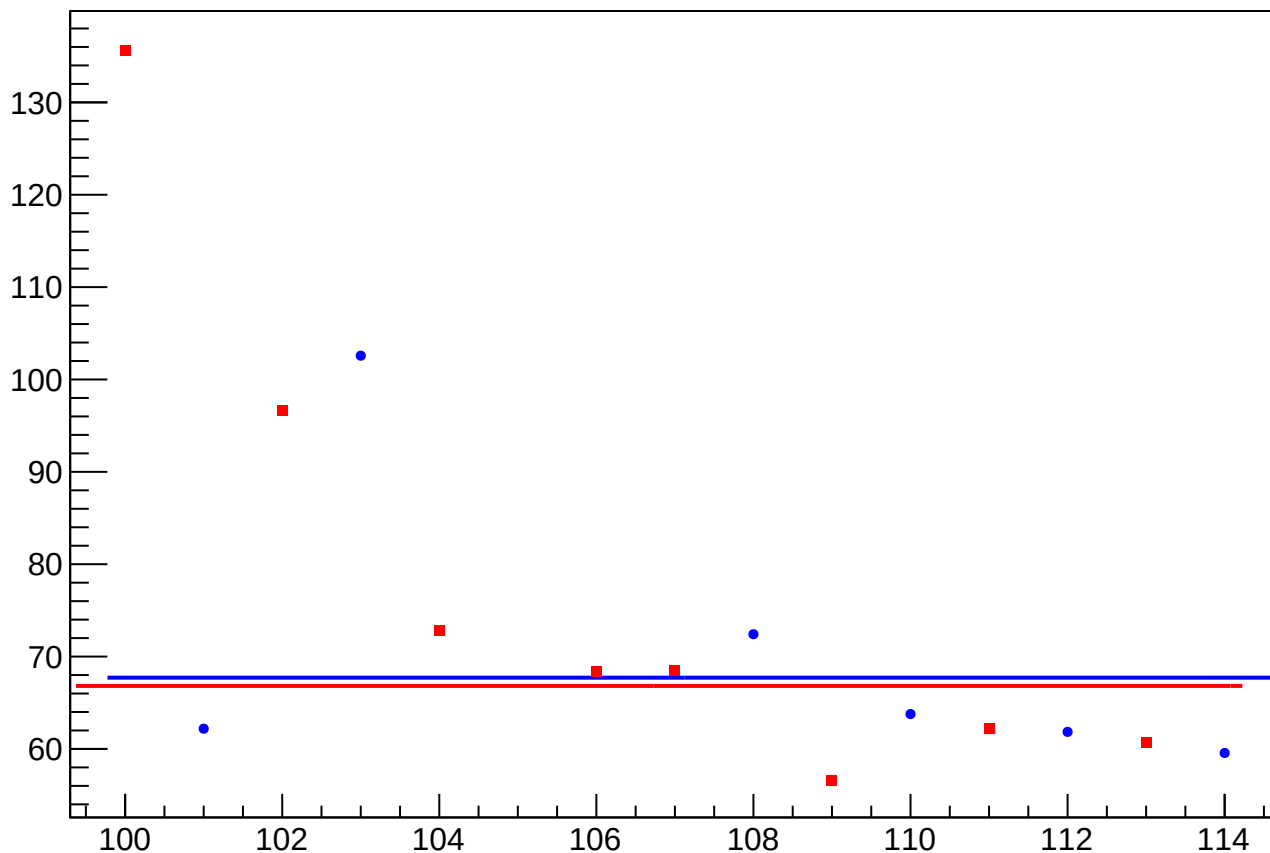
Right: -108.199+/-28.491 χ^2/NDF : 33.0/13

In: -113.110+/-42.584 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.199+/-28.491 χ^2/NDF : 33.0/13

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

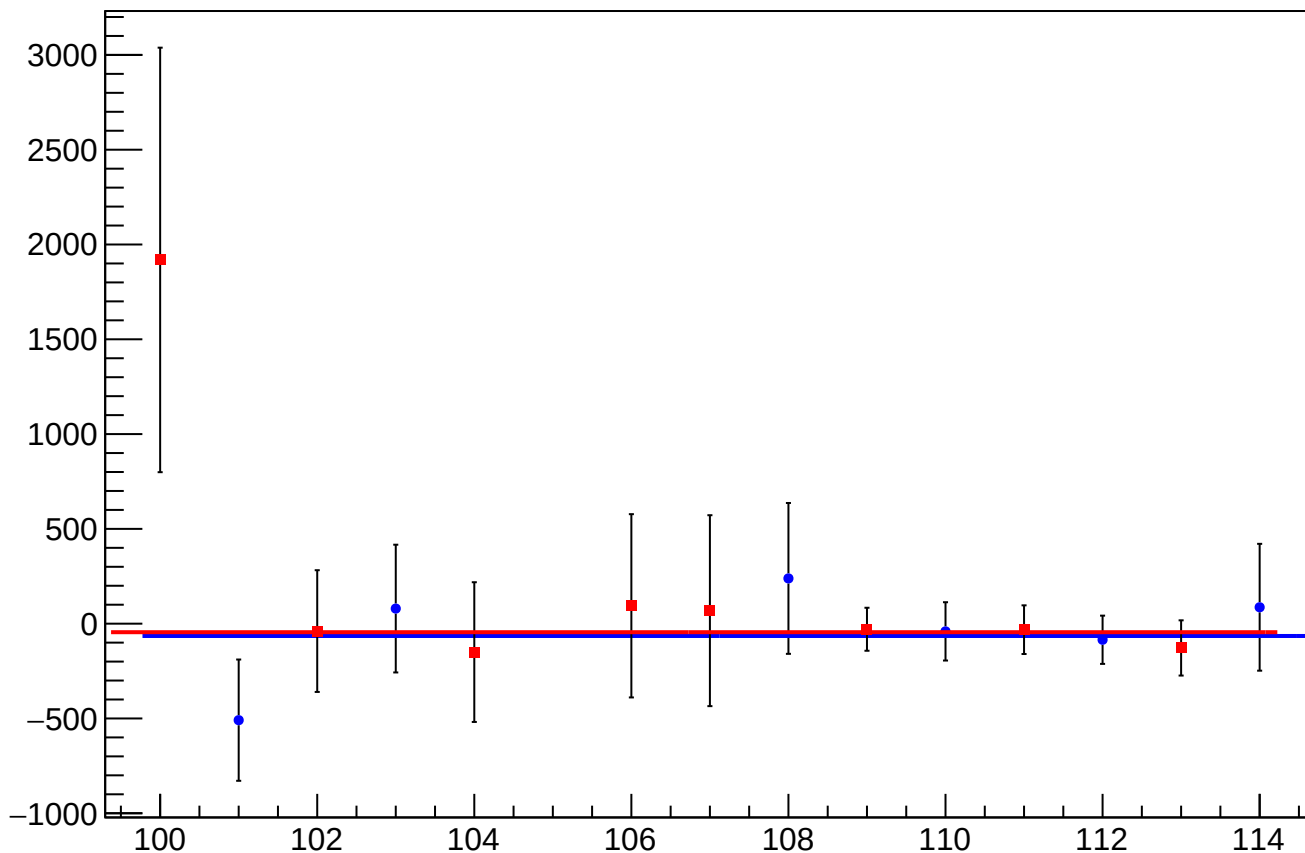
Right: 67.223+/-0.020 χ^2/NDF : 381289.2/13

In: 67.716+/-0.030 χ^2/NDF : 167237.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.223+/-0.020 χ^2/NDF : 381289.2/13

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

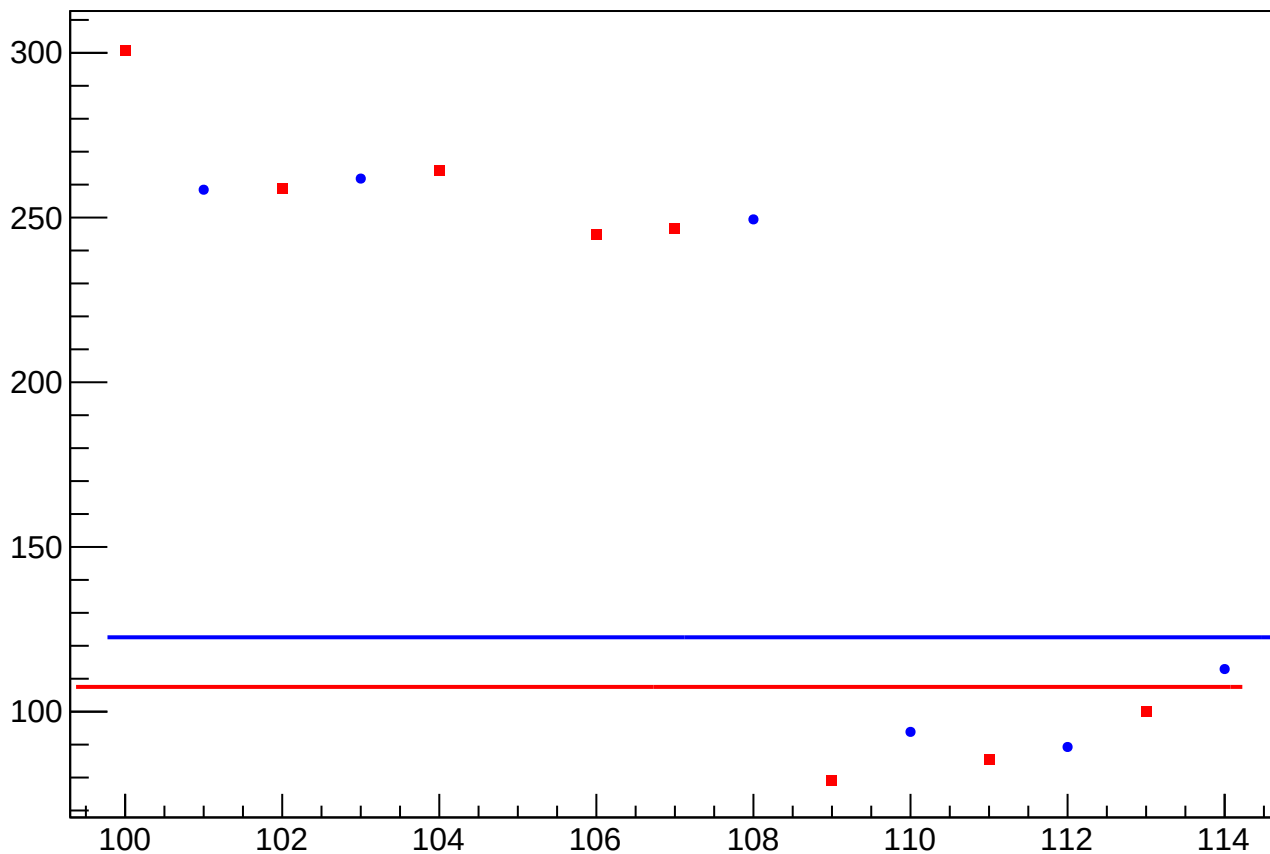
Right: -52.874+/-53.485 χ^2/NDF : 6.6/13

In: -64.947+/-85.165 χ^2/NDF : 2.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.874+/-53.485 χ^2/NDF : 6.6/13

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

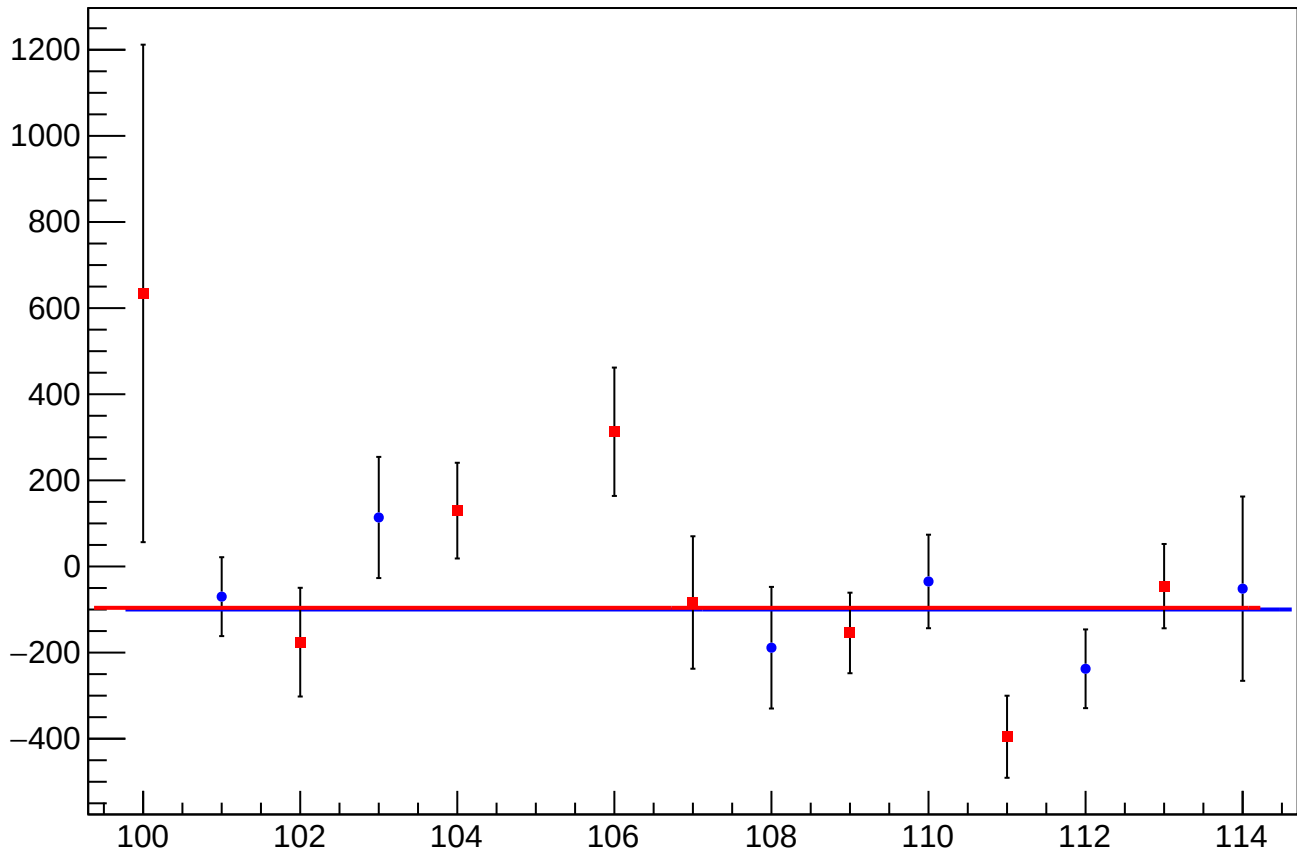
Right: 113.458+/-0.038 χ^2/NDF : 2521729.2/13

In: 122.579+/-0.060 χ^2/NDF : 1114286.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.458+/-0.038 χ^2/NDF : 2521729.2/13

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -99.909 $\pm$ 47.348 χ^2 /NDF: 5.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -96.010 $\pm$ 42.157 χ^2 /NDF: 24.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

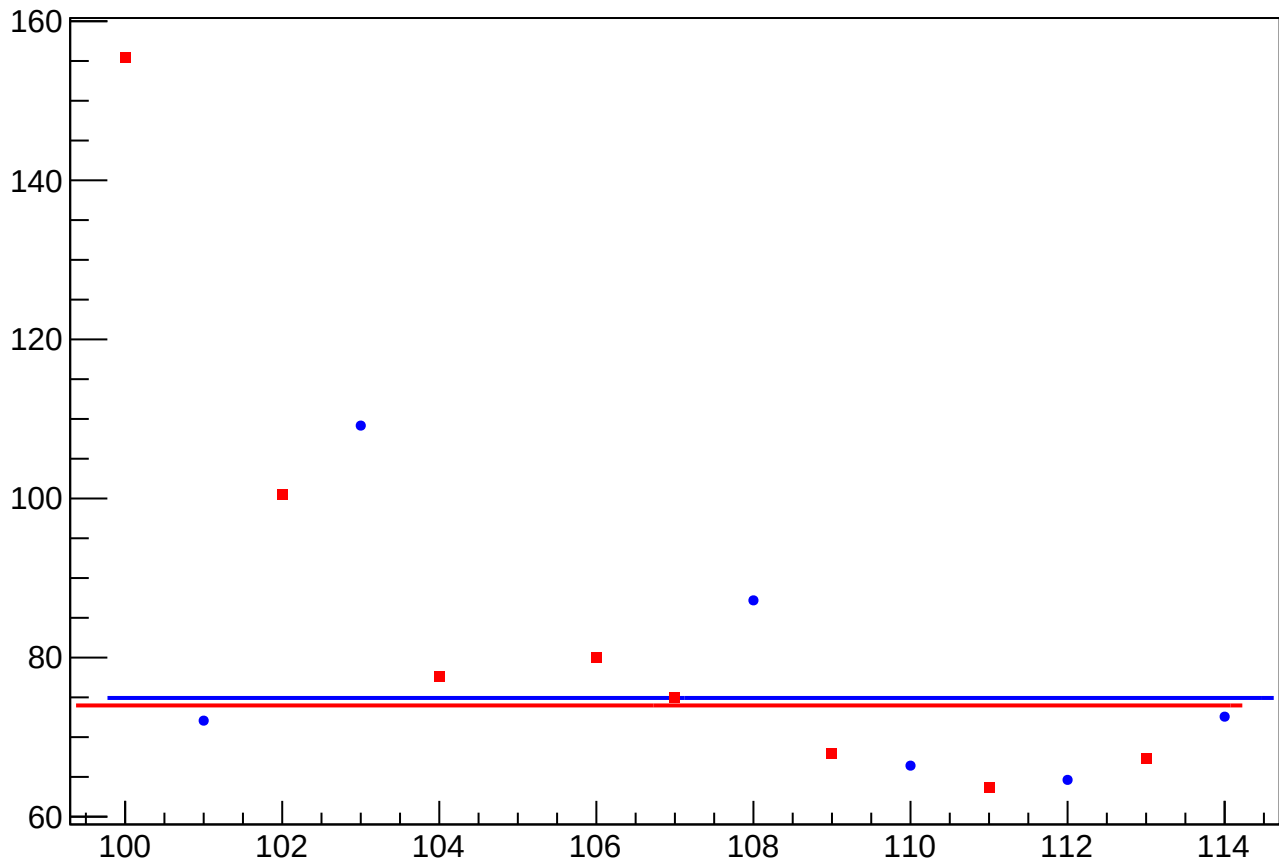
Right: -97.734 $\pm$ 31.485 χ^2 /NDF: 29.7/13

In: -99.909 $\pm$ 47.348 χ^2 /NDF:5.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -97.734 $\pm$ 31.485 χ^2 /NDF: 29.7/13

dit_asym_sam8_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

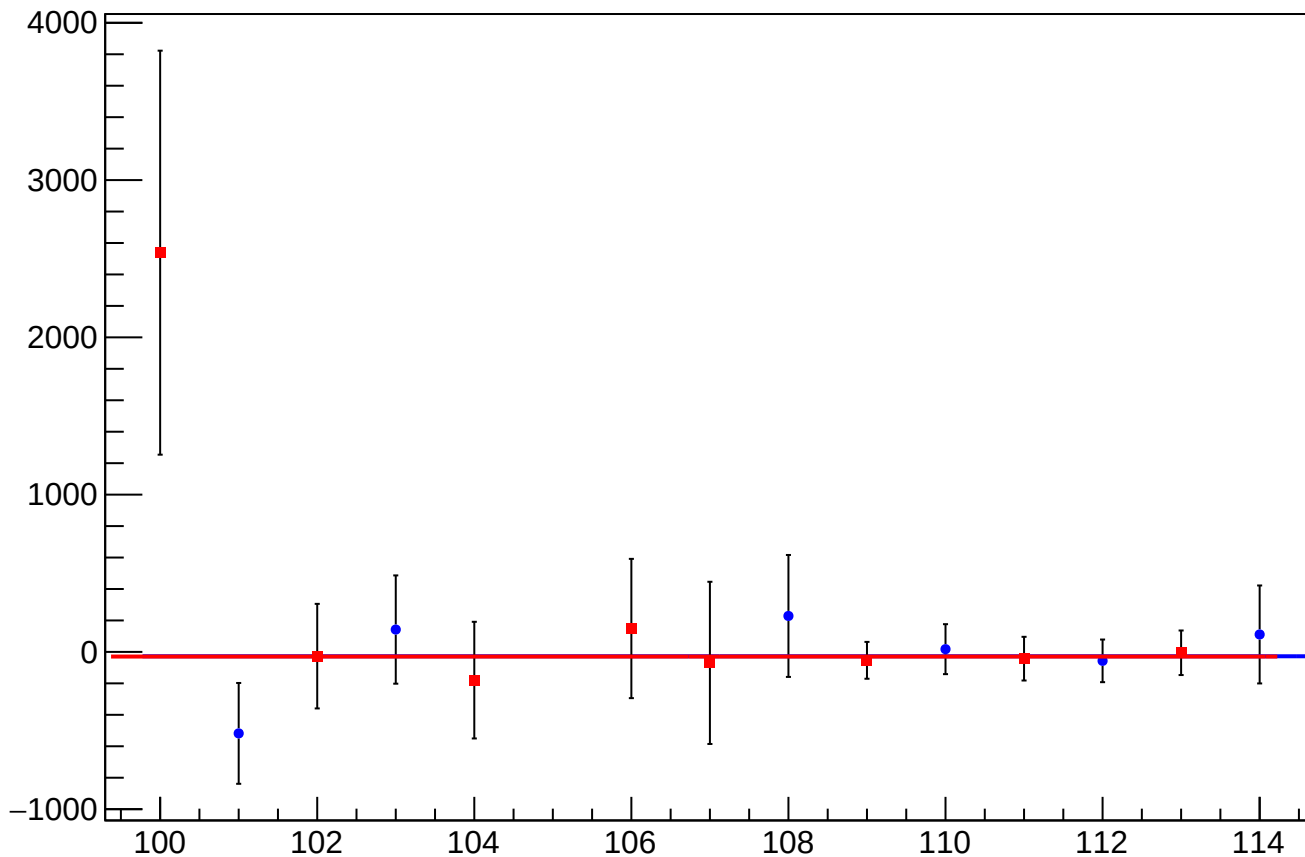
Right: 74.400+/-0.022 χ^2/NDF : 347851.9/13

In: 74.925+/-0.033 χ^2/NDF : 173360.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.400+/-0.022 χ^2/NDF : 347851.9/13

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -27.736+/-87.984 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.539+/-70.652 χ^2/NDF : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

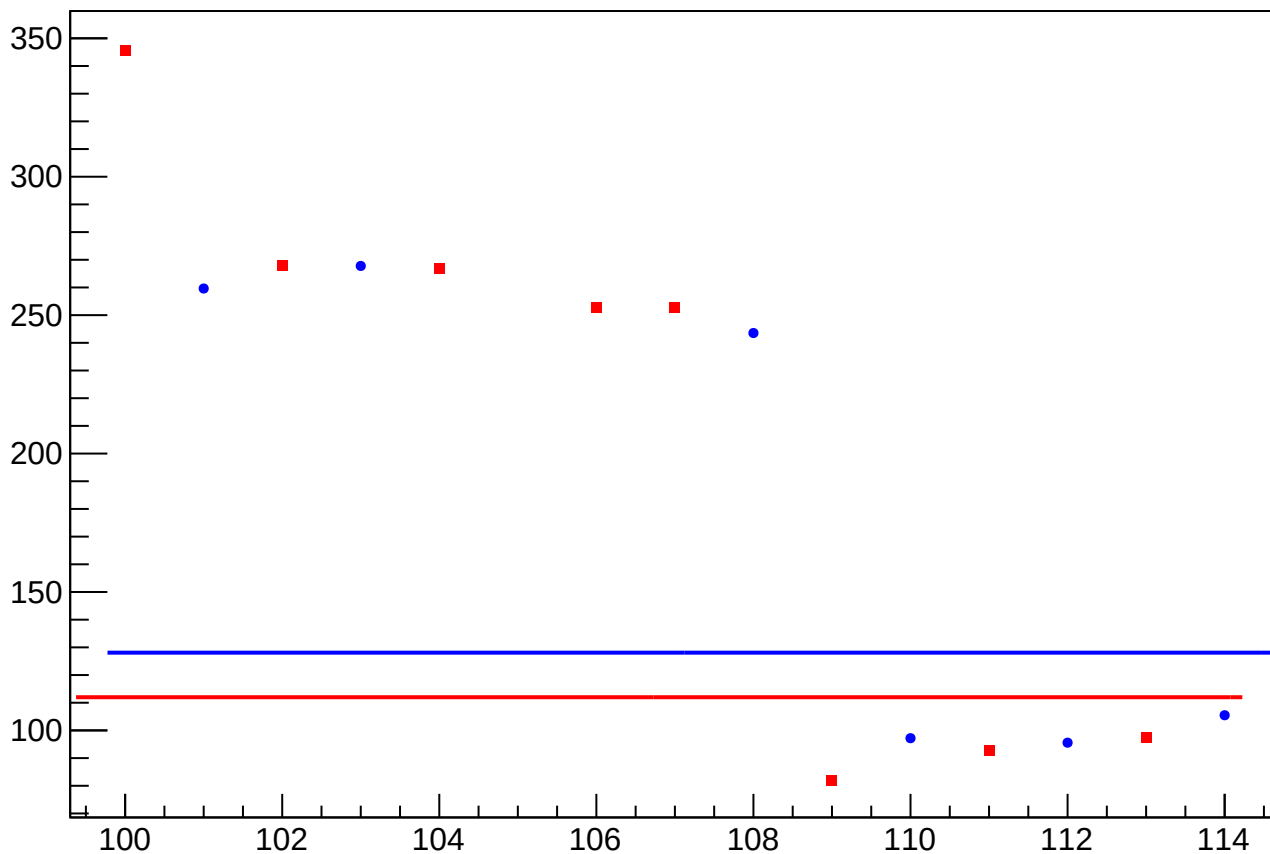
Right: -28.832+/-55.089 χ^2/NDF : 7.8/13

In: -27.736+/-87.984 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.832+/-55.089 χ^2/NDF : 7.8/13

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 128.086+/-0.062 χ^2/NDF : 1044805.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.987+/-0.050 χ^2/NDF : 1398503.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

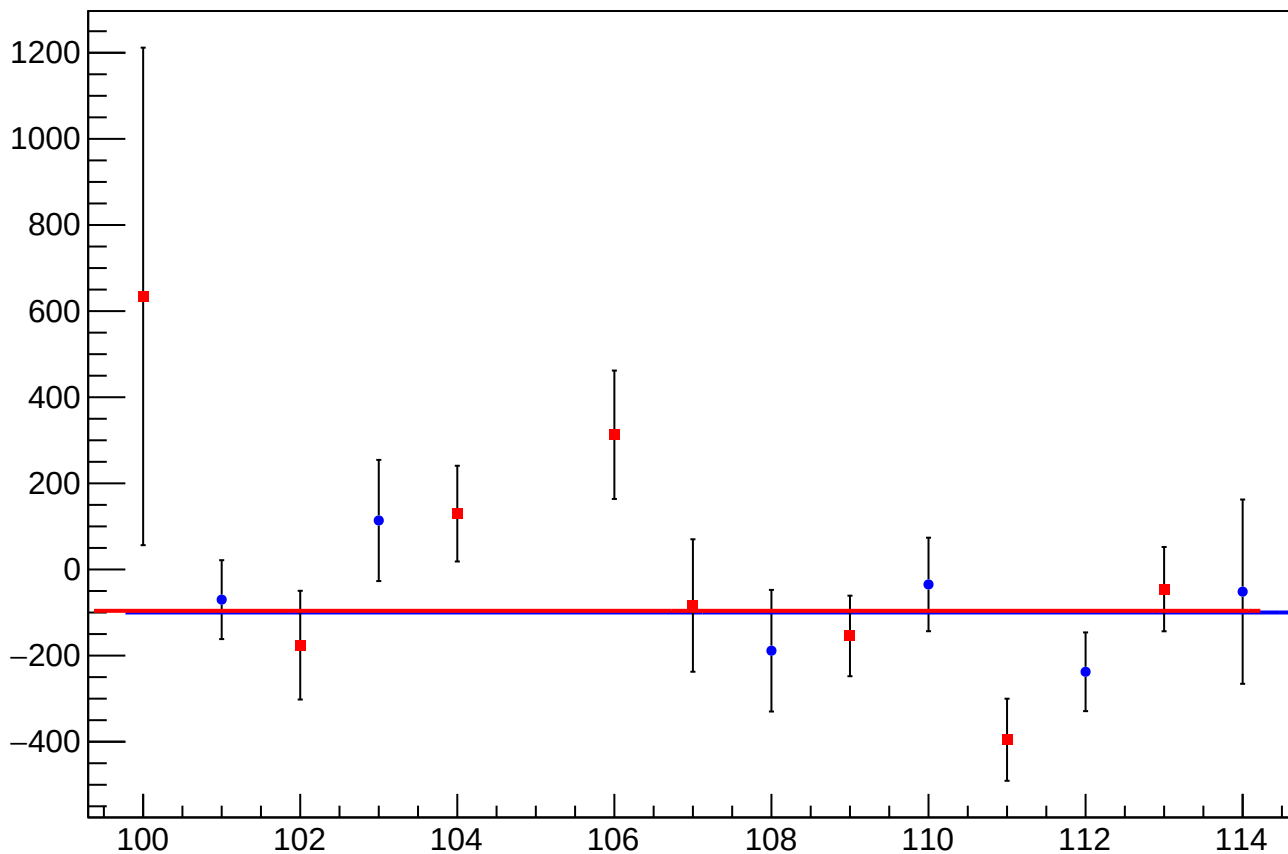
Right: 118.298+/-0.039 χ^2/NDF : 2484018.1/13

In: 128.086+/-0.062 χ^2/NDF : 1044805.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.298+/-0.039 χ^2/NDF : 2484018.1/13

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -99.907 $\pm$ 47.348 χ^2 /NDF: 5.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -96.012 $\pm$ 42.157 χ^2 /NDF: 24.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

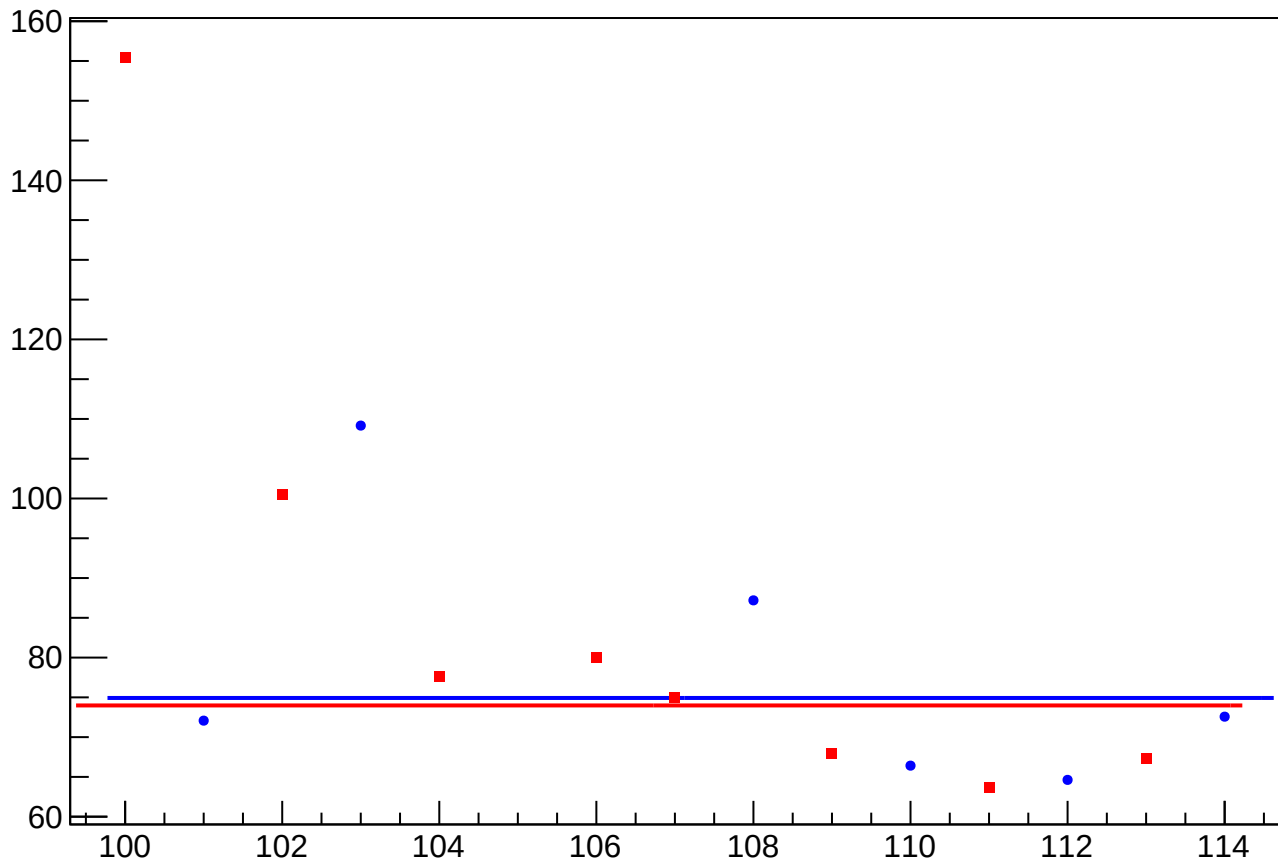
Right: -97.734 $\pm$ 31.485 χ^2 /NDF: 29.7/13

In: -99.907 $\pm$ 47.348 χ^2 /NDF:5.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -97.734 $\pm$ 31.485 χ^2 /NDF: 29.7/13

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

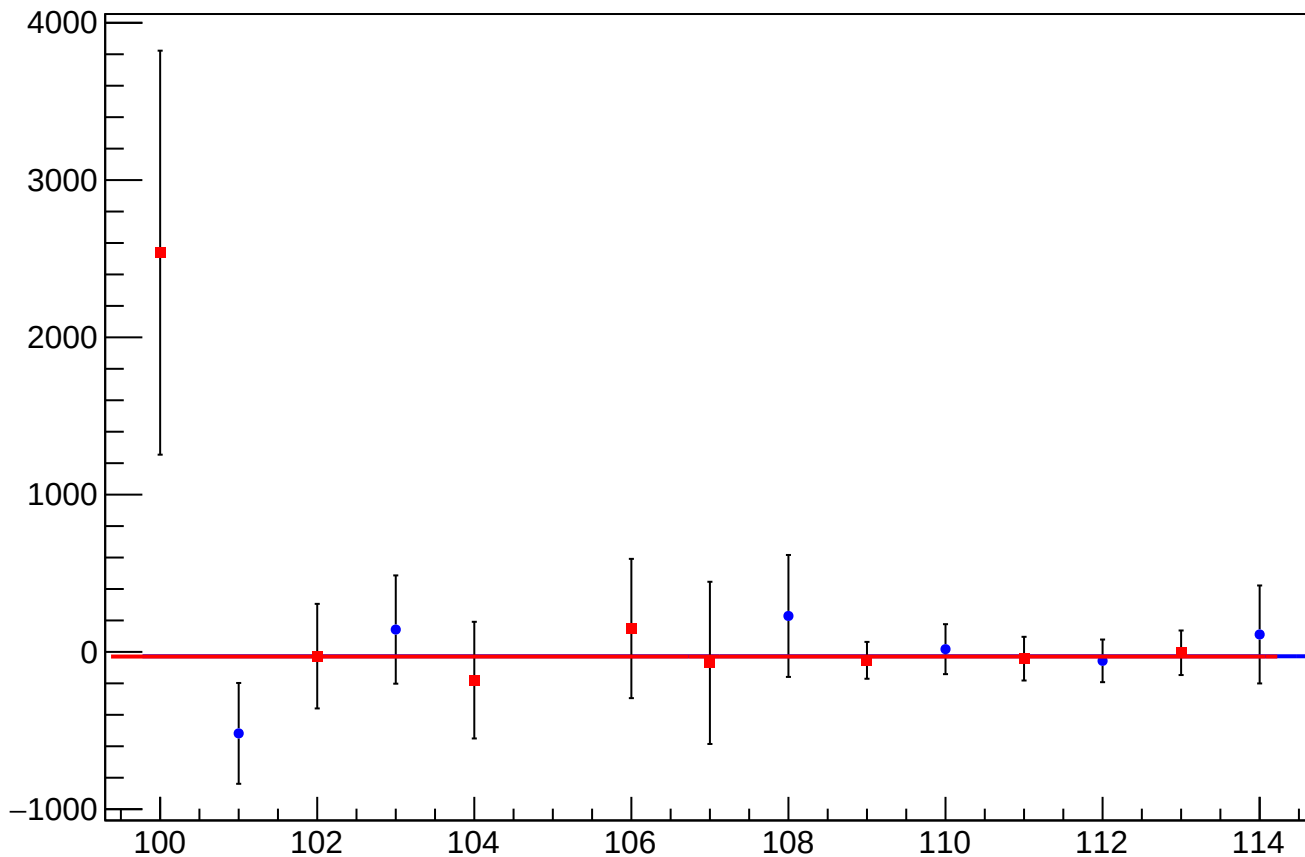
Right: 74.400+/-0.022 χ^2/NDF : 347855.0/13

In: 74.925+/-0.033 χ^2/NDF : 173361.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.400+/-0.022 χ^2/NDF : 347855.0/13

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -27.735 $\pm$ 87.984 χ^2 /NDF: 3.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.541 $\pm$ 70.652 χ^2 /NDF: 4.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

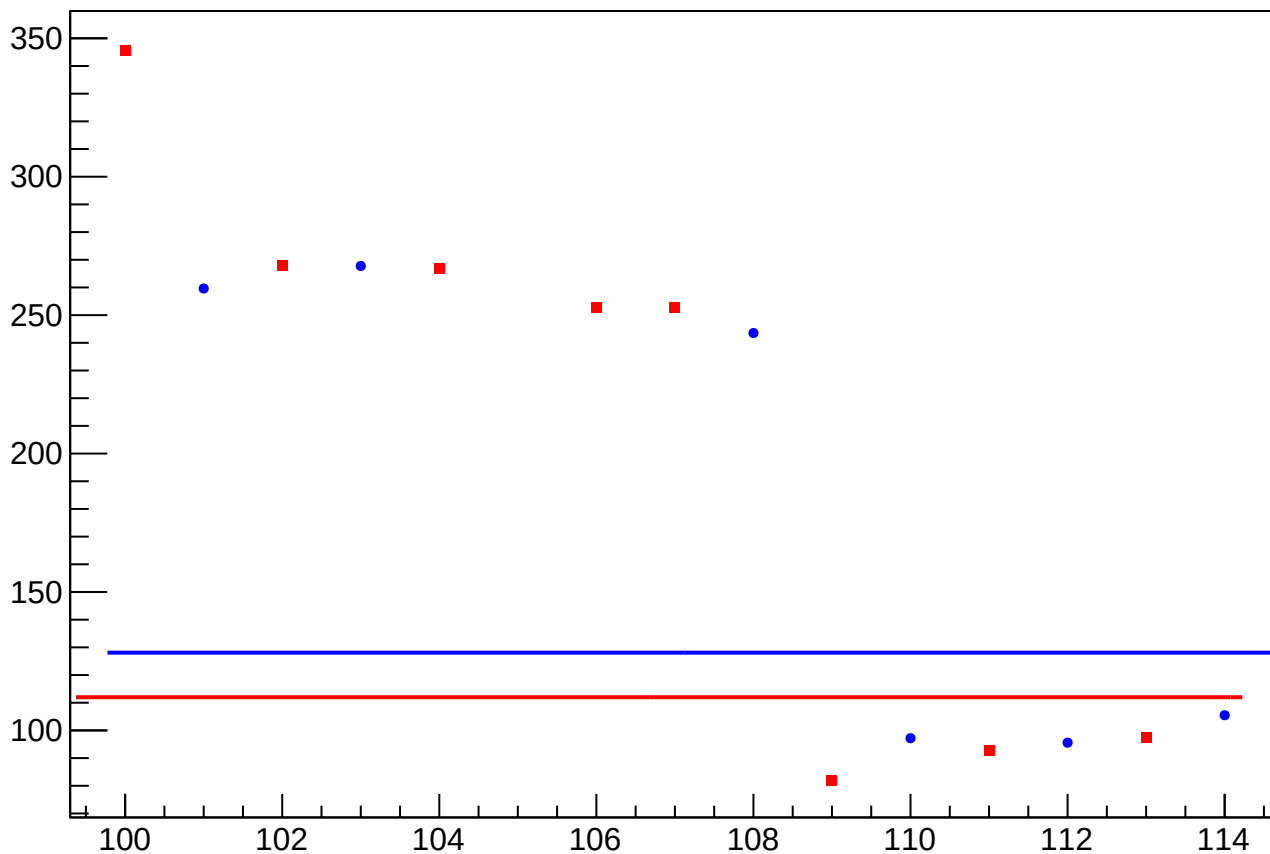
Right: -28.833 $\pm$ 55.089 χ^2 /NDF: 7.8/13

In: -27.735 $\pm$ 87.984 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.833 $\pm$ 55.089 χ^2 /NDF: 7.8/13

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 128.085+/-0.062 χ^2/NDF : 1044806.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.987+/-0.050 χ^2/NDF : 1398489.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

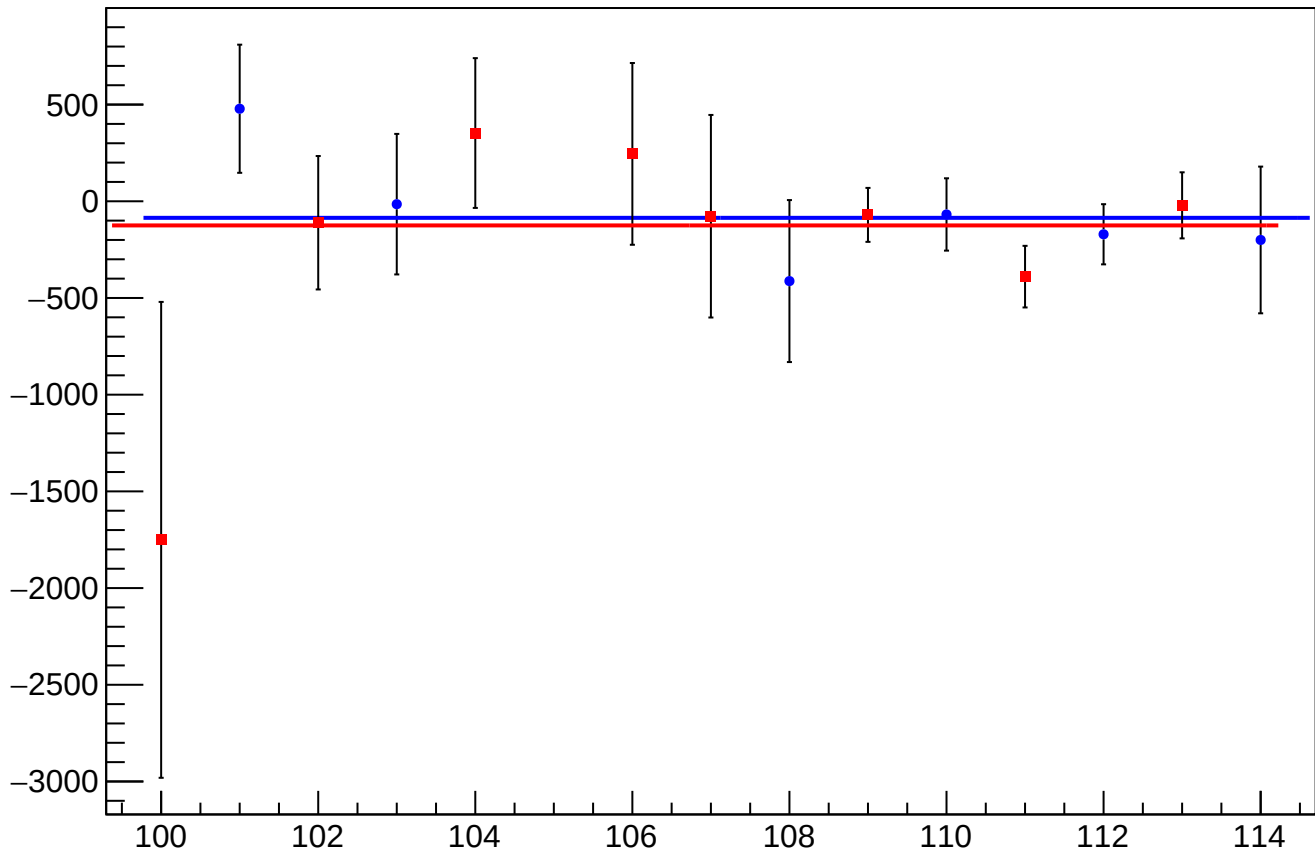
Right: 118.298+/-0.039 χ^2/NDF : 2484001.1/13

In: 128.085+/-0.062 χ^2/NDF : 1044806.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.298+/-0.039 χ^2/NDF : 2484001.1/13

asym_sam8_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

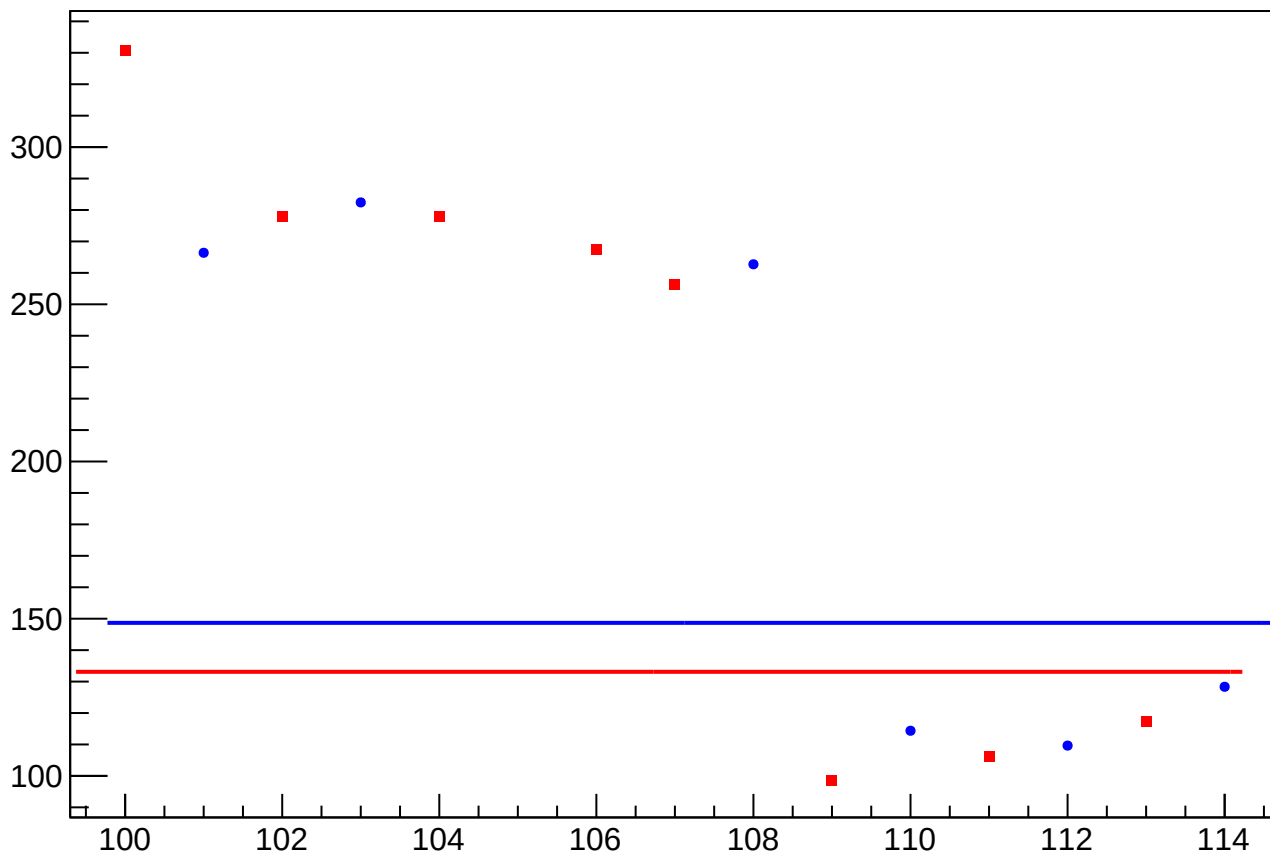
Right: -109.162 ± 63.469 χ^2/NDF : 11.2/13

In: -85.601 ± 100.375 χ^2/NDF : 3.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.162 ± 63.469 χ^2/NDF : 11.2/13

asym_sam8_rms vs Slug, Sign Corrected



Right In: 148.680+/-0.071 χ^2/NDF : 870835.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.109+/-0.058 χ^2/NDF : 1155126.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

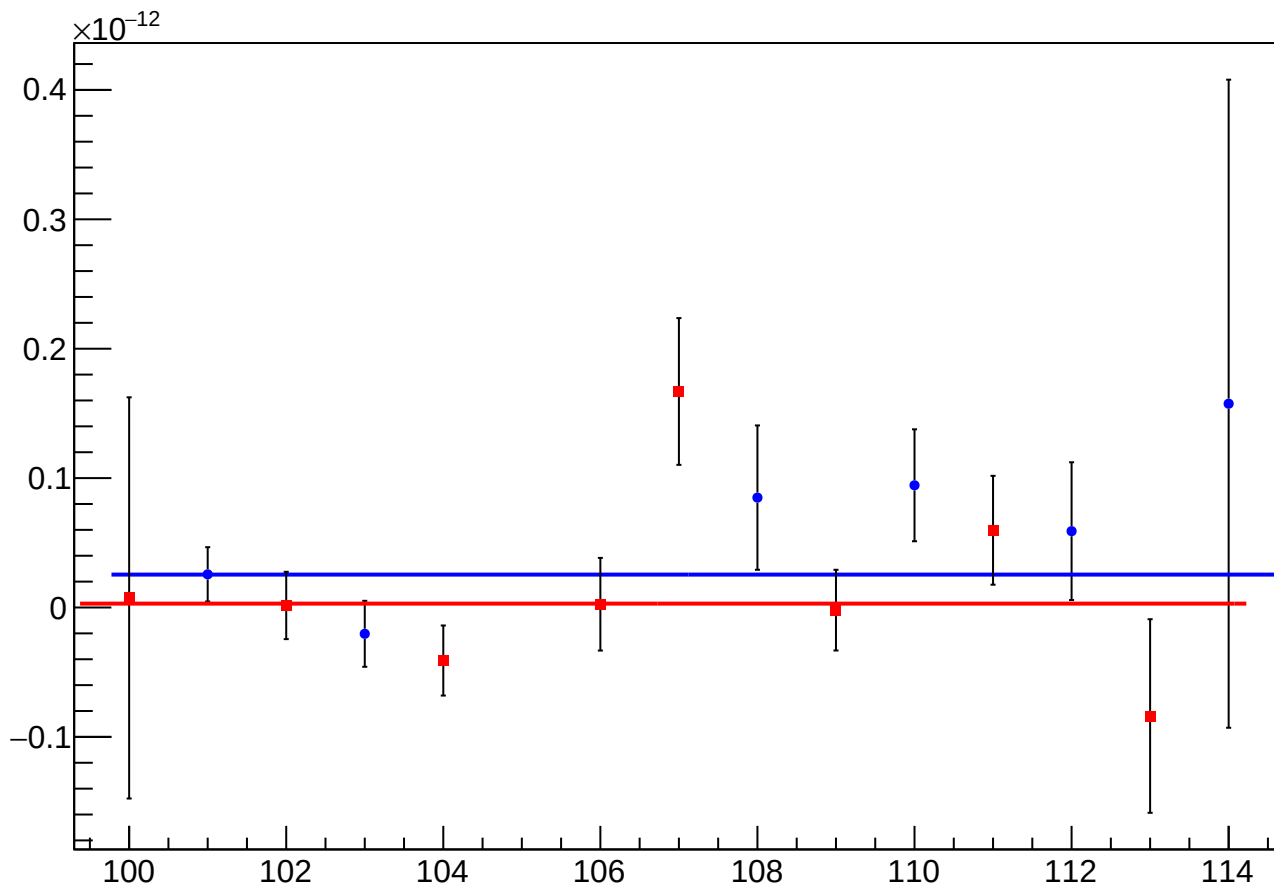
Right: 139.335+/-0.045 χ^2/NDF : 2054848.1/13

In: 148.680+/-0.071 χ^2/NDF : 870835.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.335+/-0.045 χ^2/NDF : 2054848.1/13

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

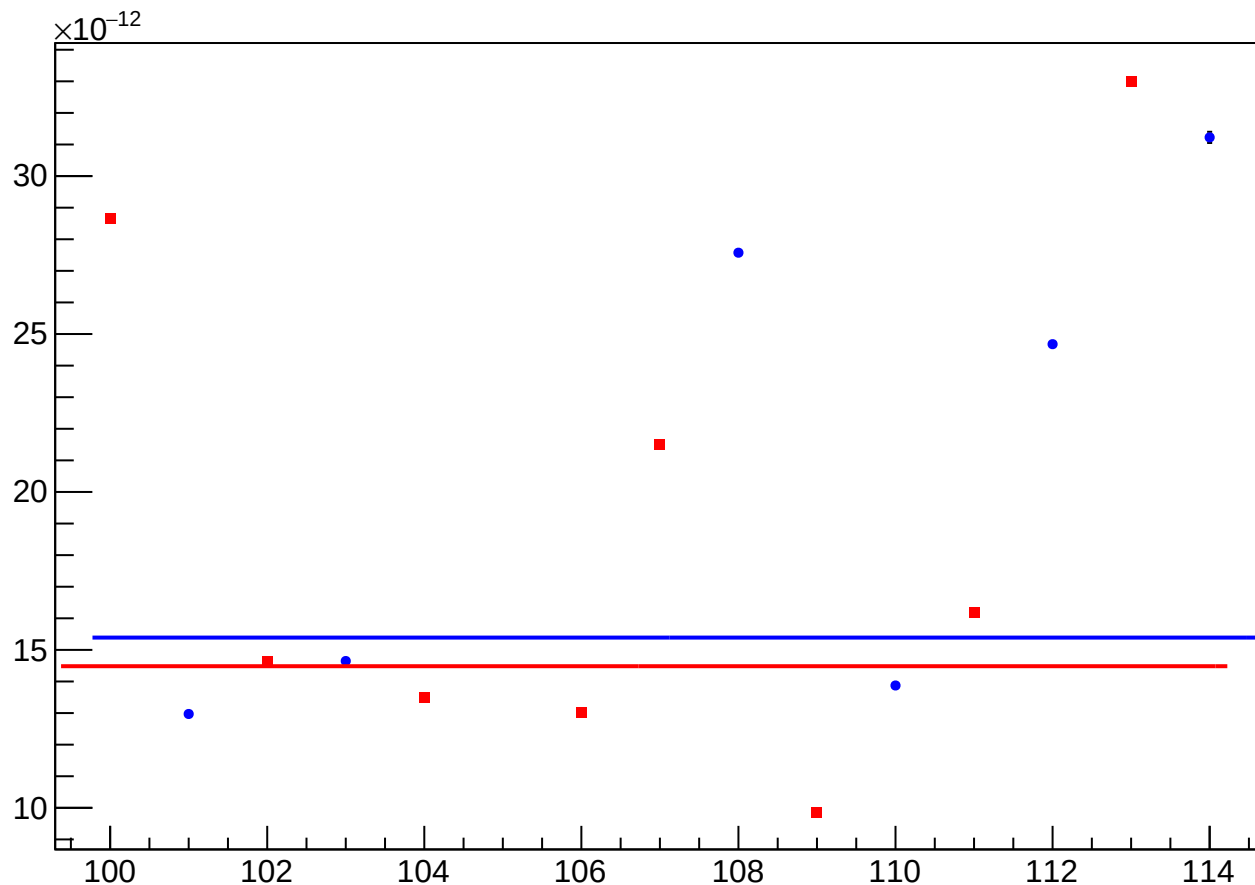
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.1/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.1/13

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

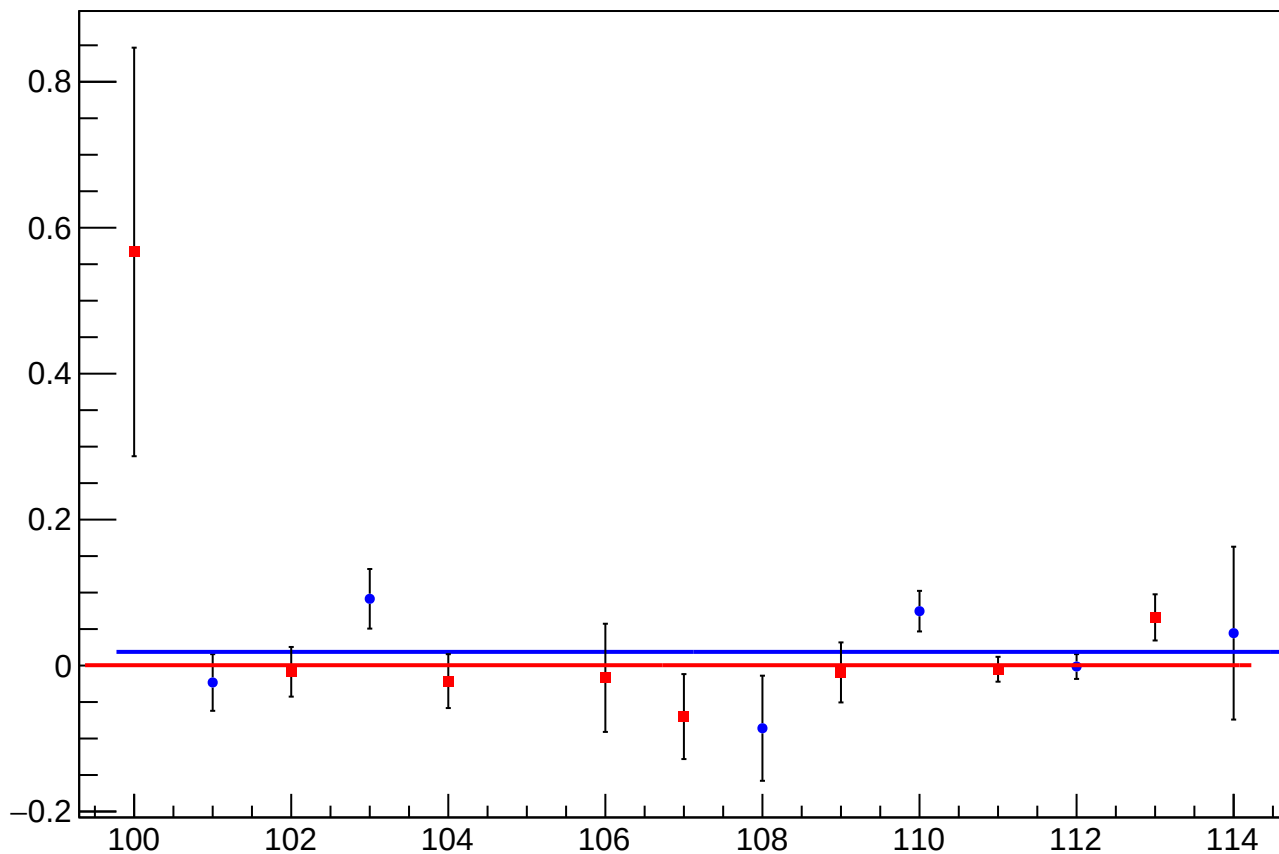
Right: 0.000+/-0.000 χ^2/NDF : 422553.1/13

In: 0.000+/-0.000 χ^2/NDF : 195057.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 422553.1/13

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

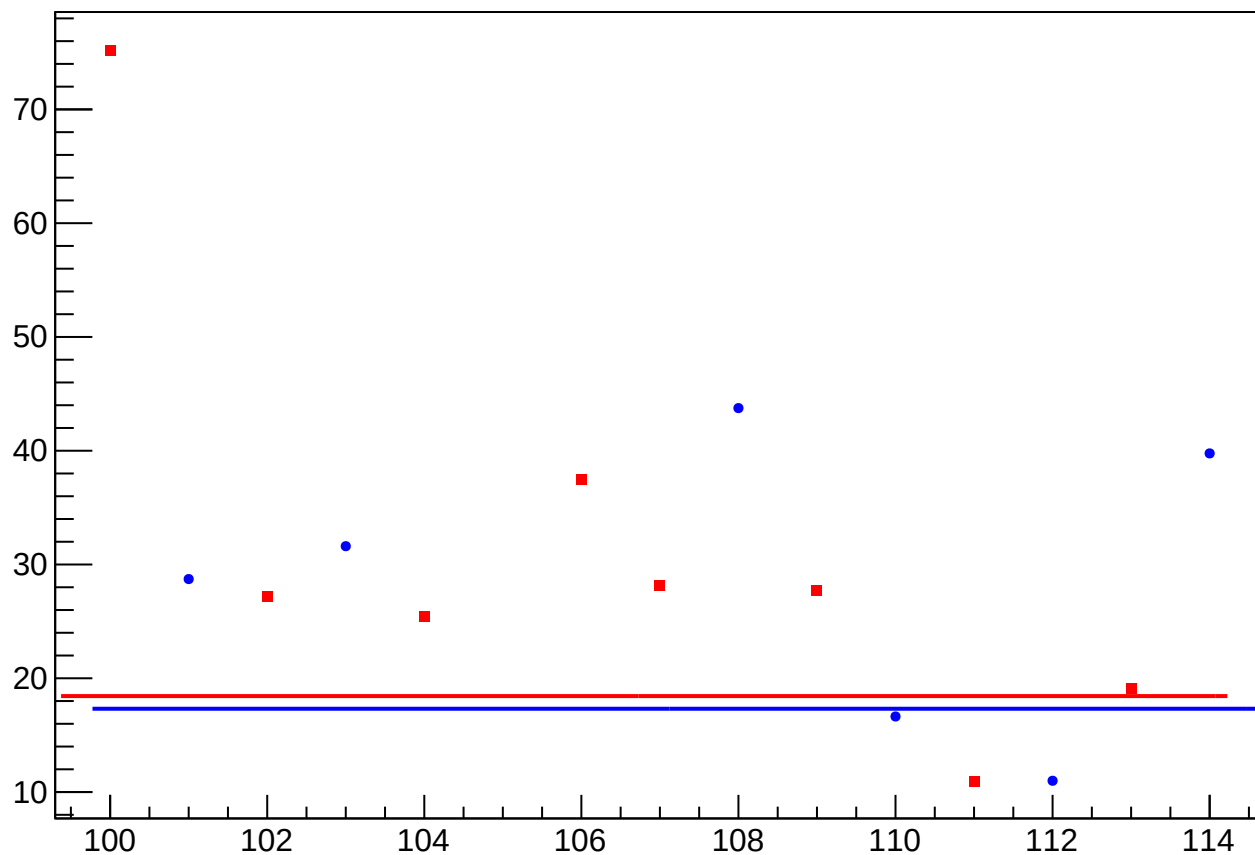
Right: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

In: 0.019 $\pm$ 0.013 χ^2 /NDF:11.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

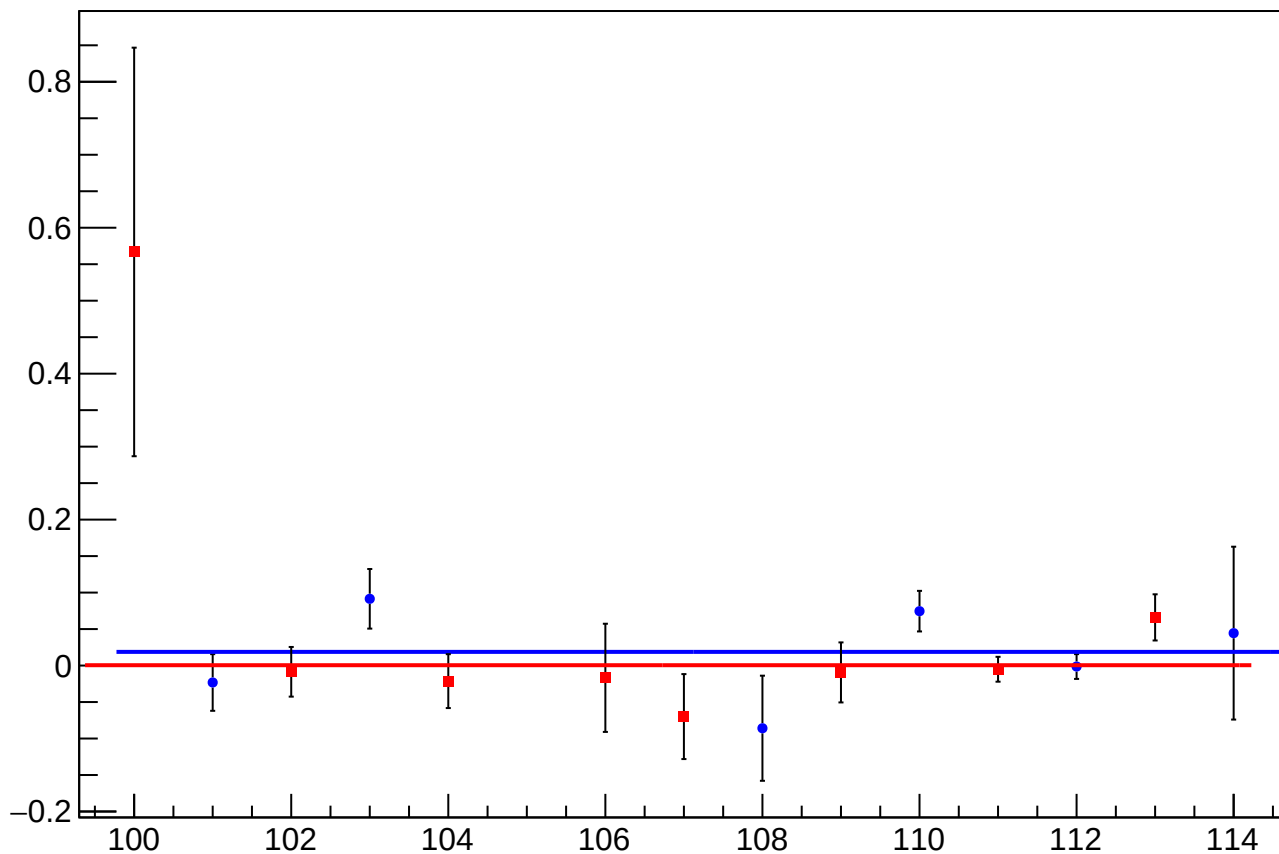
Right: 17.914+/-0.006 χ^2/NDF : 2011467.6/13

In: 17.323+/-0.009 χ^2/NDF : 1036946.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.914+/-0.006 χ^2/NDF : 2011467.6/13

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

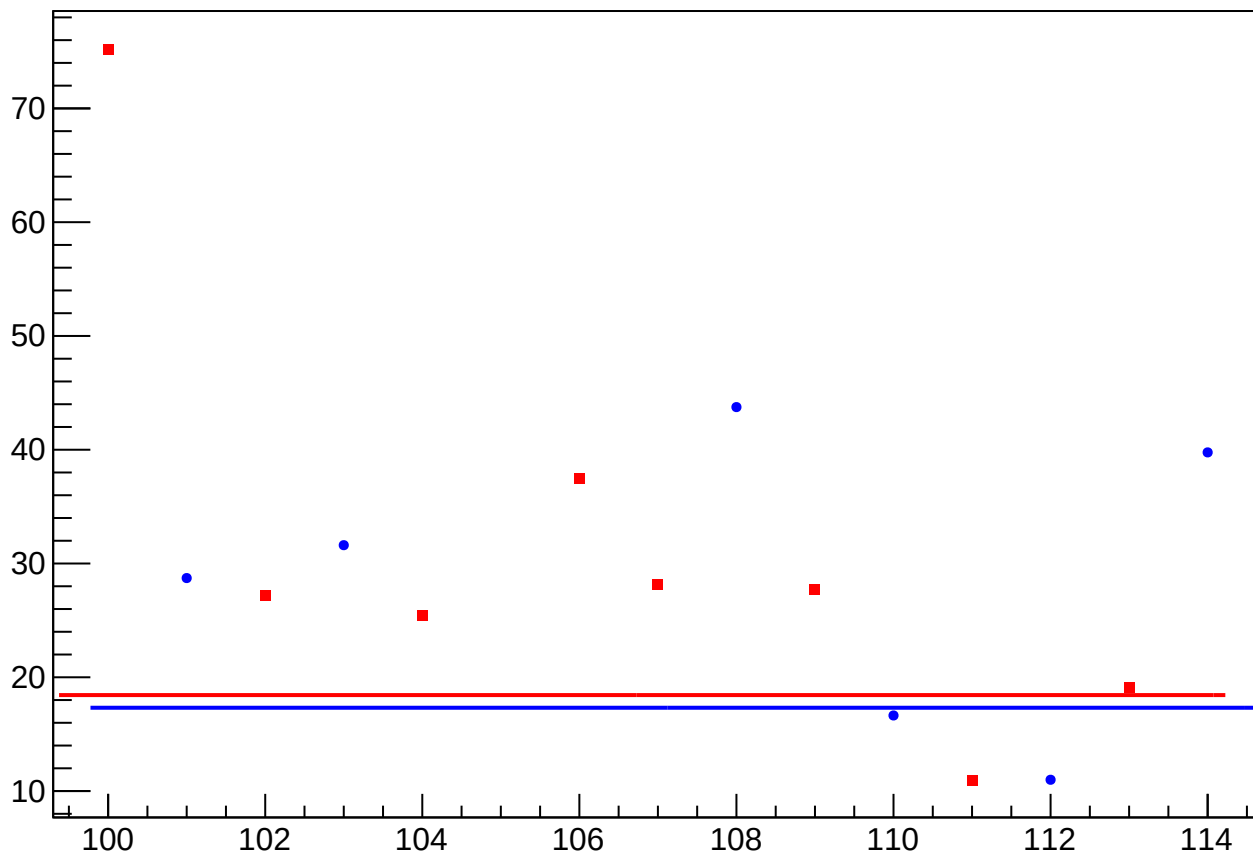
Right: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

In: 0.019 $\pm$ 0.013 χ^2 /NDF:11.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

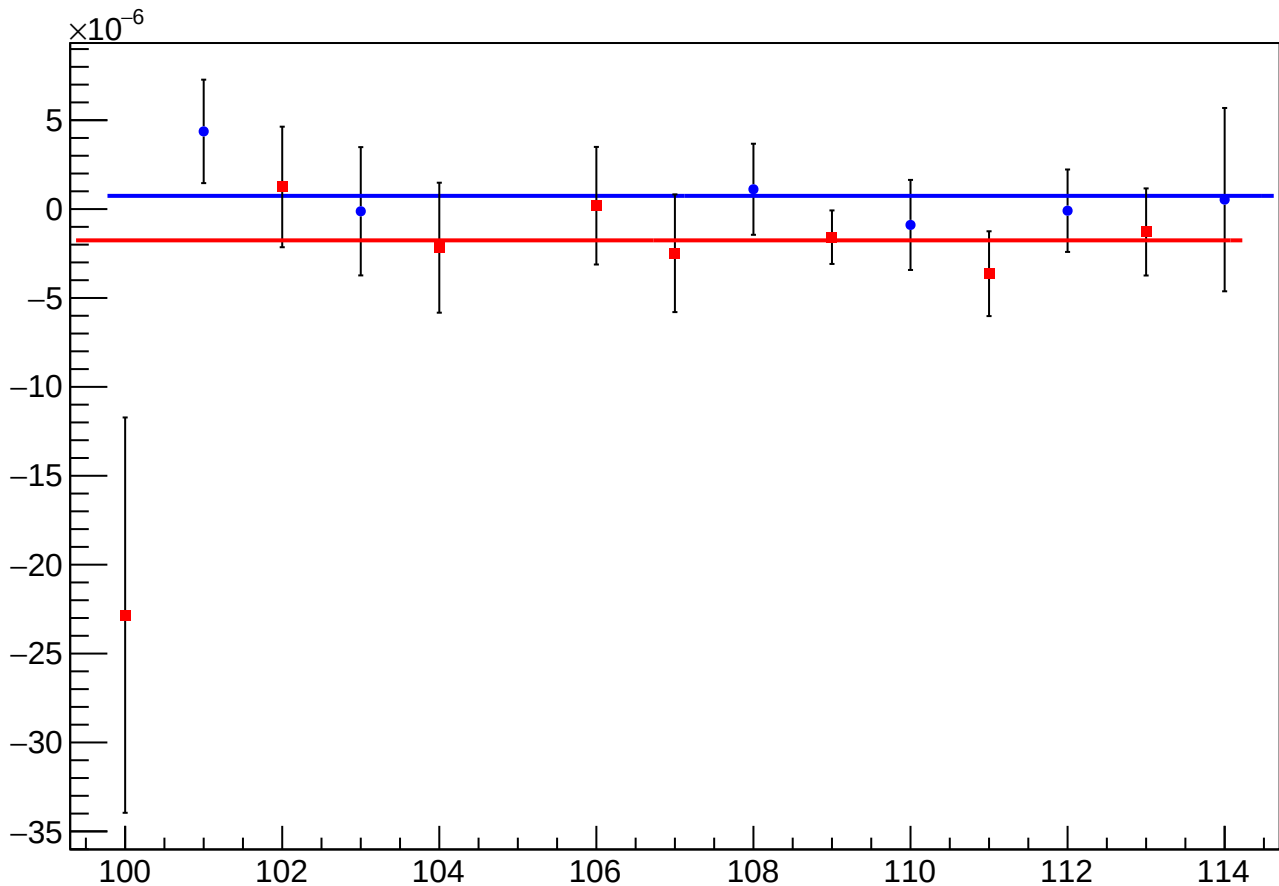
Right: 17.914+/-0.006 χ^2/NDF : 2011467.6/13

In: 17.323+/-0.009 χ^2/NDF : 1036946.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.914+/-0.006 χ^2/NDF : 2011467.6/13

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

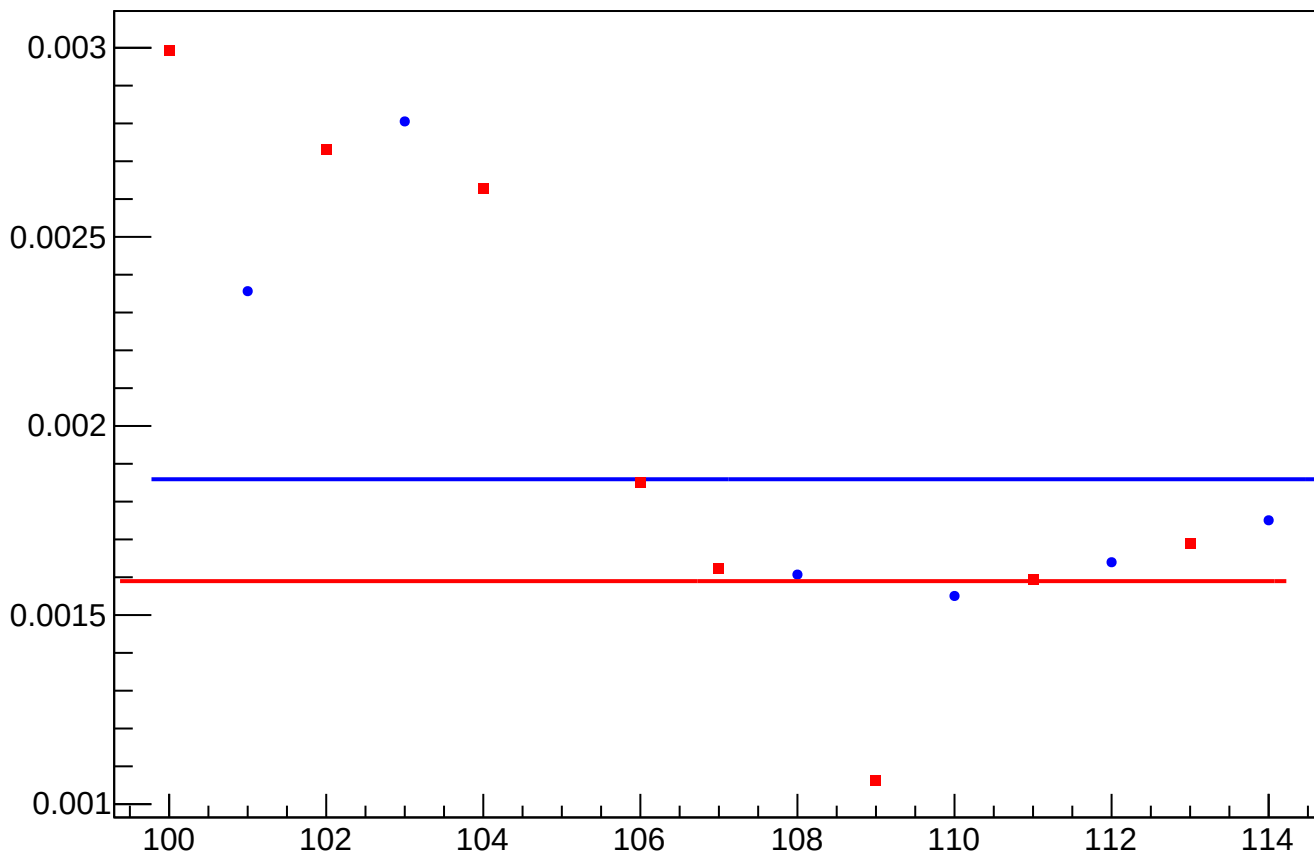
Right: -0.000+/-0.000 χ^2/NDF : 10.4/13

In: 0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/13

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 263893.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 680738.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

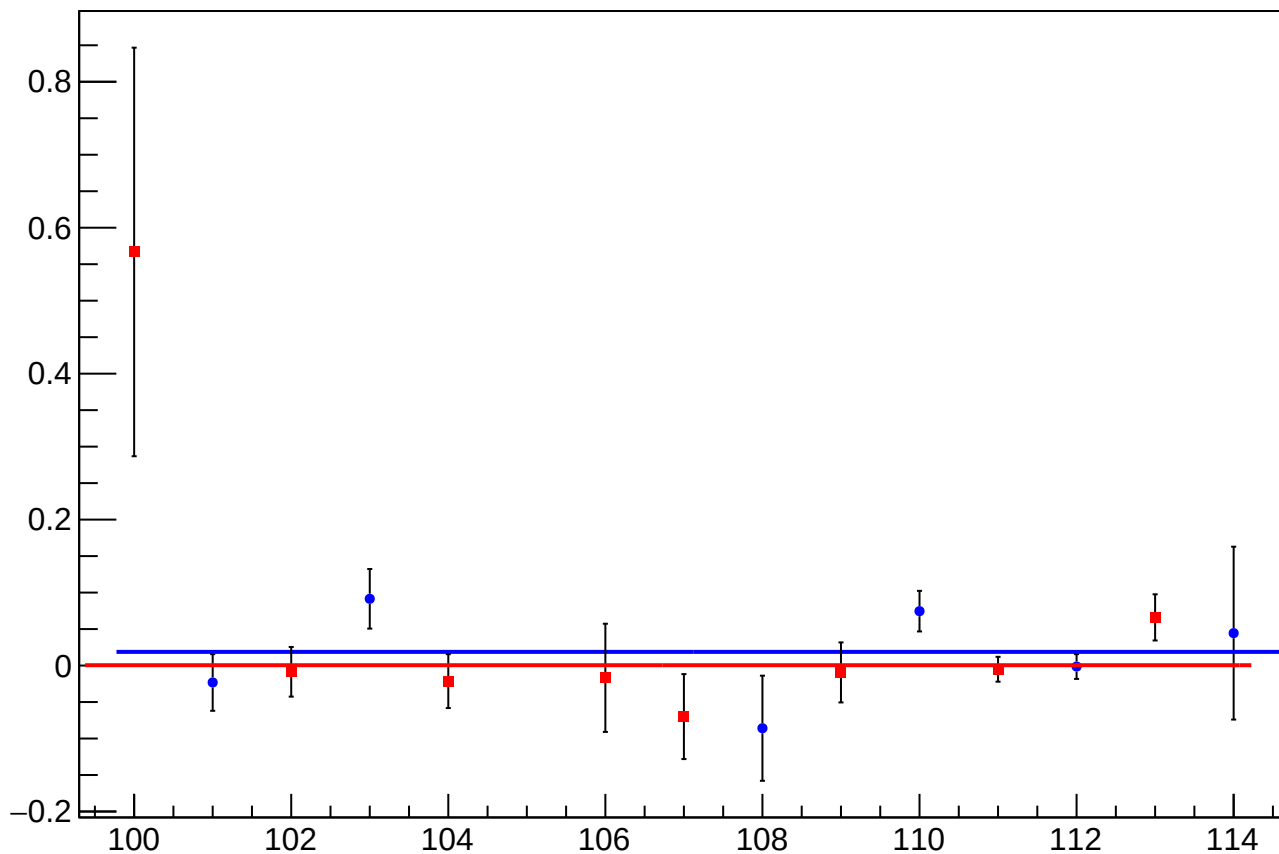
Right: 0.002+/-0.000 χ^2/NDF : 1008993.4/13

In: 0.002+/-0.000 χ^2/NDF :263893.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1008993.4/13

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

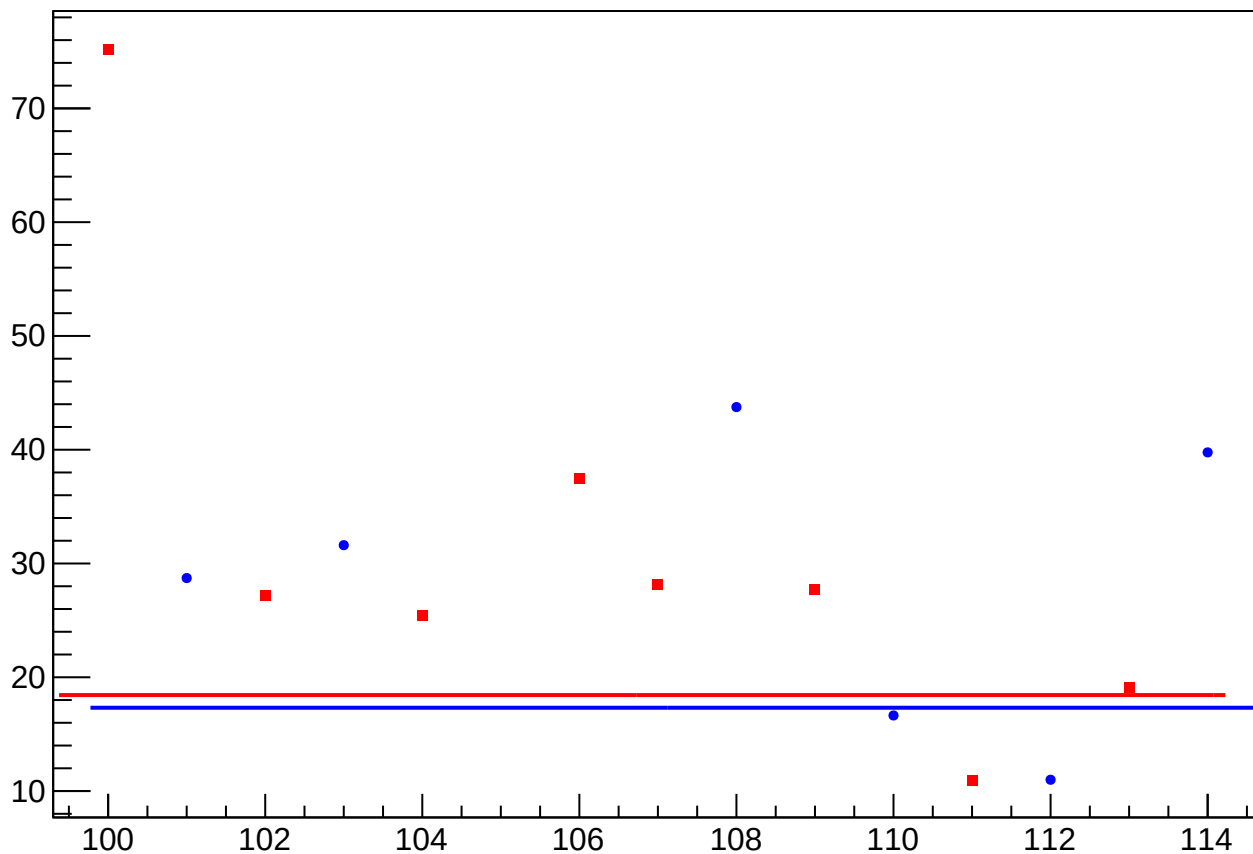
Right: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

In: 0.019 $\pm$ 0.013 χ^2 /NDF:11.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

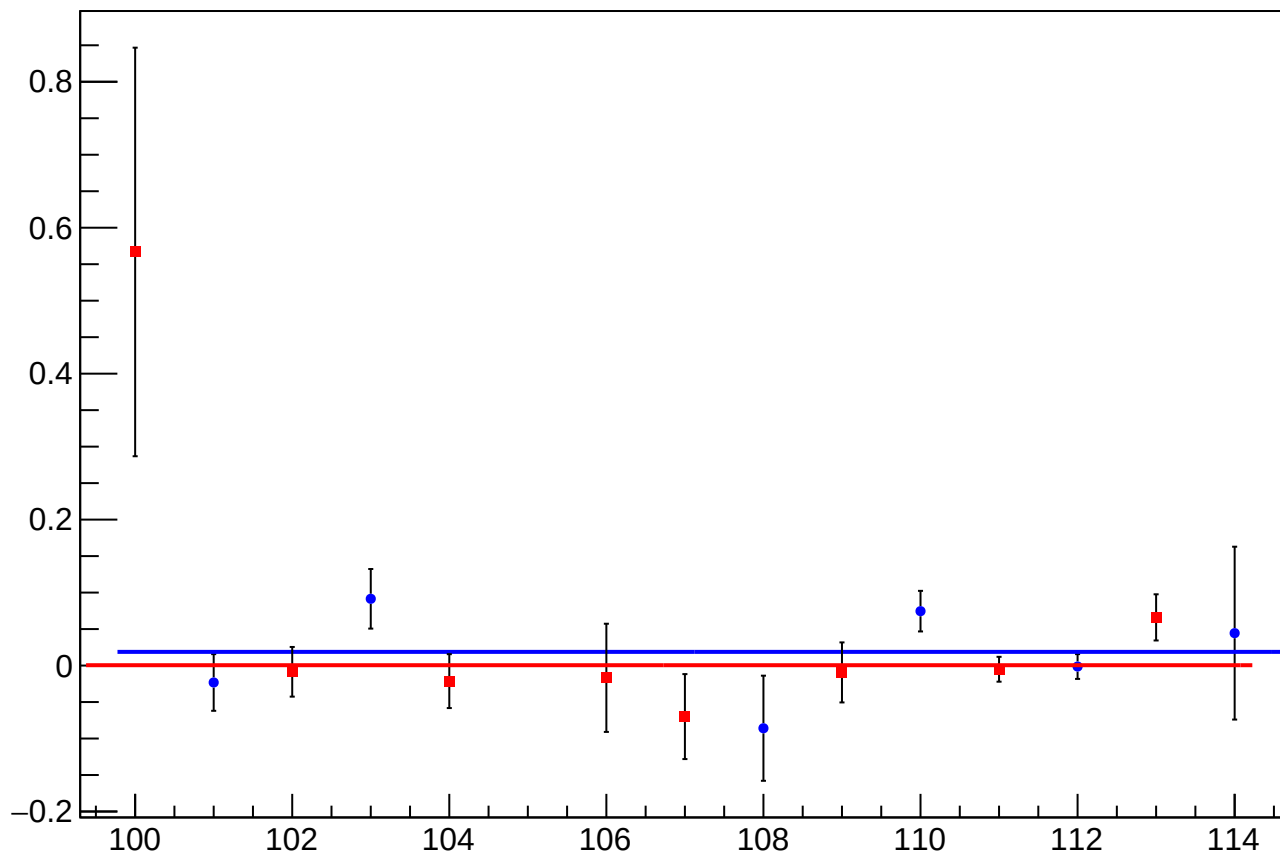
Right: 17.913+/-0.006 χ^2/NDF : 2011675.1/13

In: 17.322+/-0.009 χ^2/NDF : 1037038.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.913+/-0.006 χ^2/NDF : 2011675.1/13

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

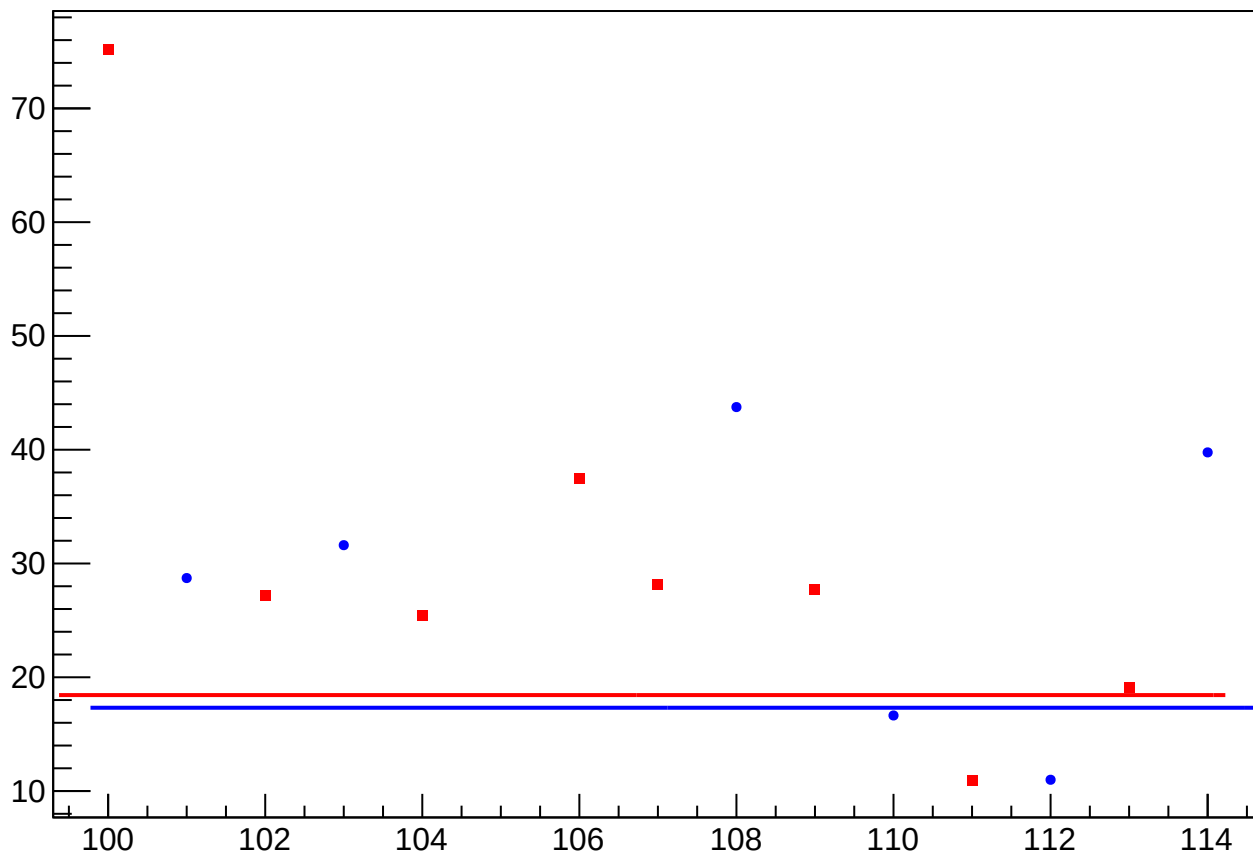
Right: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

In: 0.019 $\pm$ 0.013 χ^2 /NDF:11.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 23.5/13

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

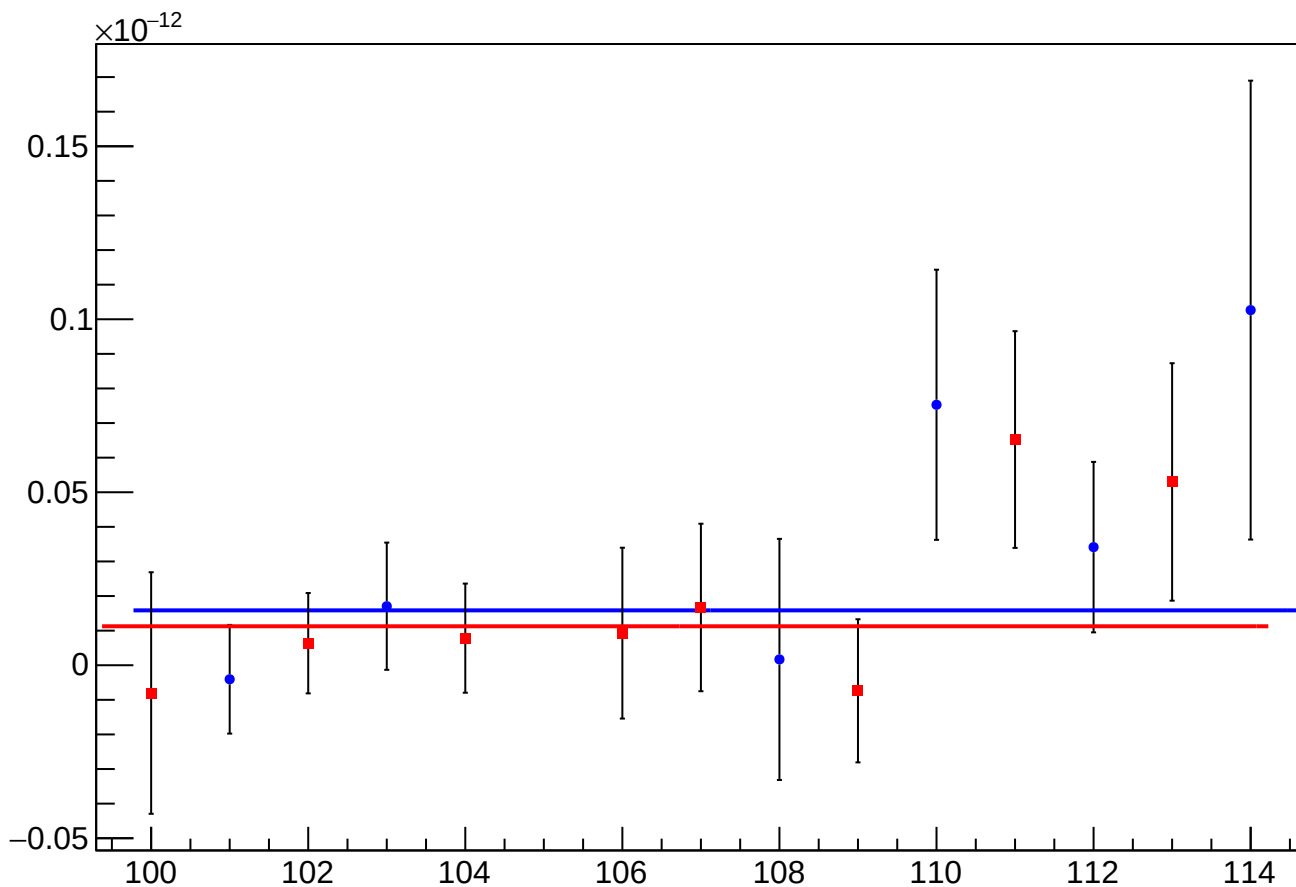
Right: 17.913+/-0.006 χ^2/NDF : 2011675.1/13

In: 17.322+/-0.009 χ^2/NDF : 1037038.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.913+/-0.006 χ^2/NDF : 2011675.1/13

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

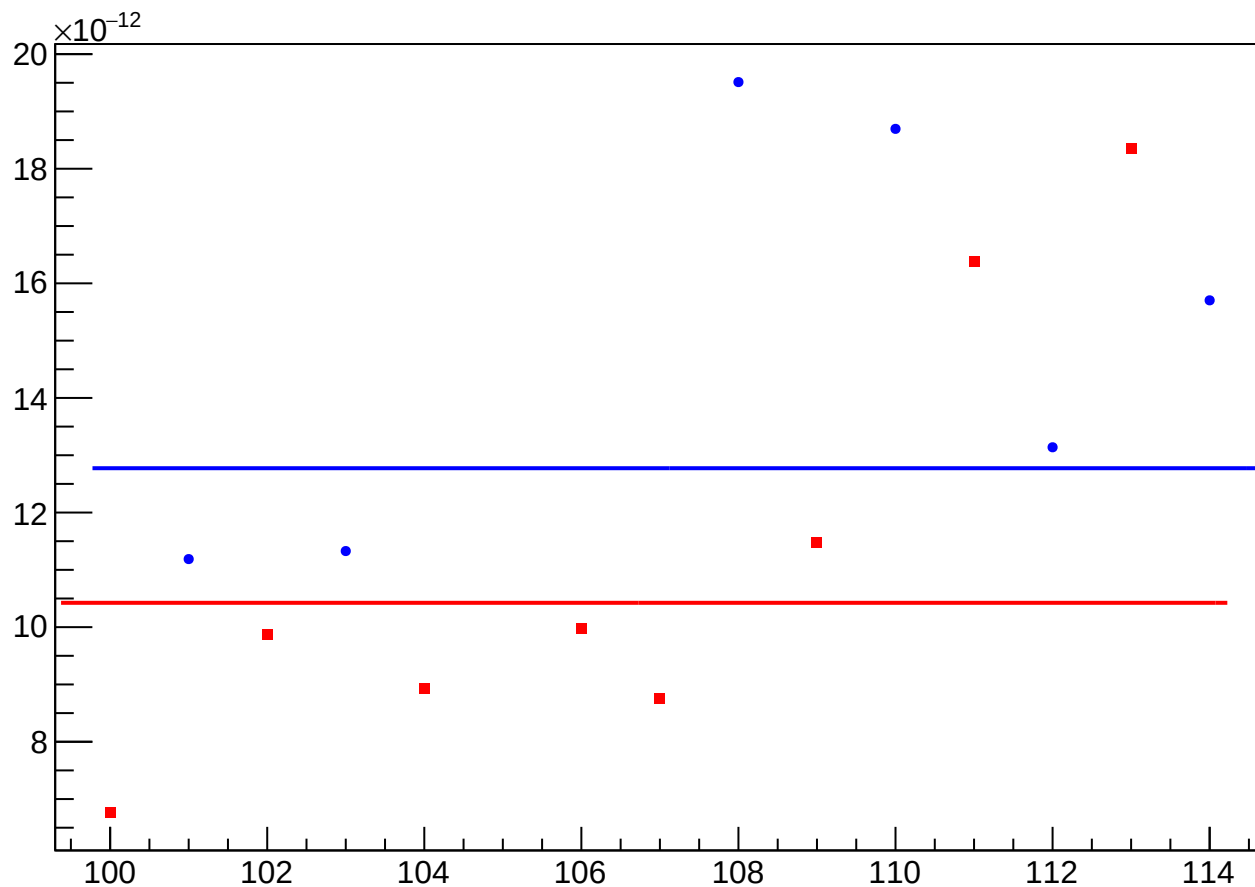
Right: 0.000+/-0.000 χ^2/NDF : 12.3/13

In: 0.000+/-0.000 χ^2/NDF : 6.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/13

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

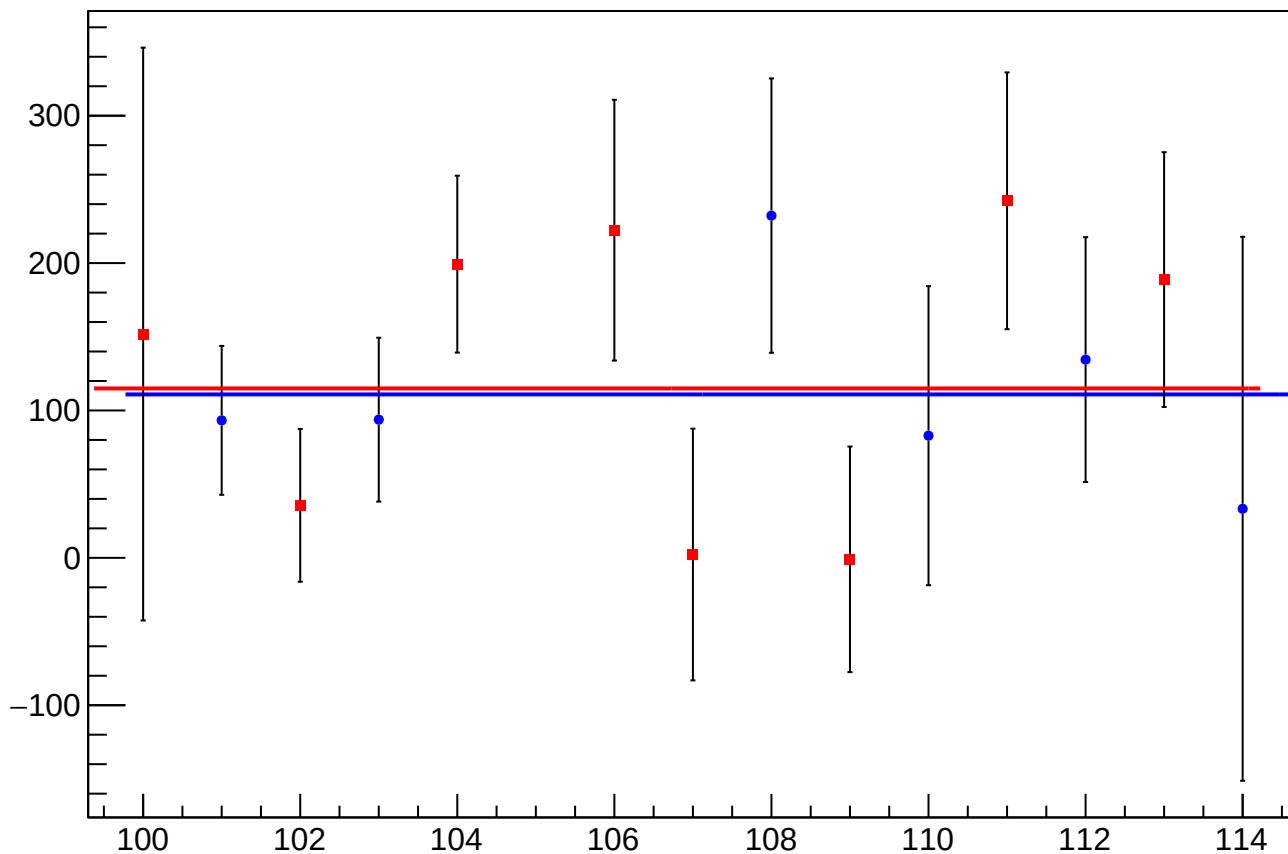
Right: 0.000+/-0.000 χ^2/NDF : 466666.9/13

In: 0.000+/-0.000 χ^2/NDF : 157901.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 466666.9/13

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

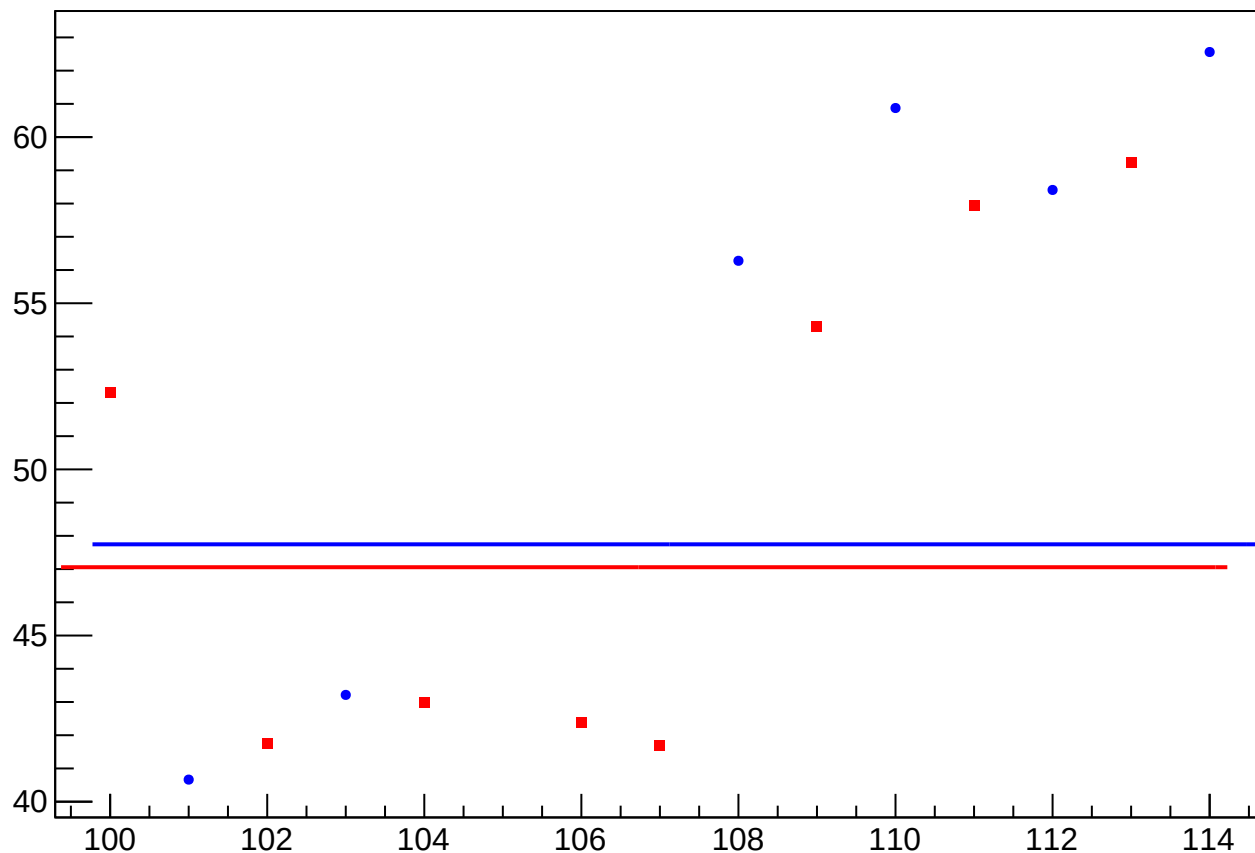
Right: 113.134 $\pm$ 20.082 χ^2 /NDF: 15.0/13

In: 110.882 $\pm$ 30.121 χ^2 /NDF:2.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.134 $\pm$ 20.082 χ^2 /NDF: 15.0/13

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

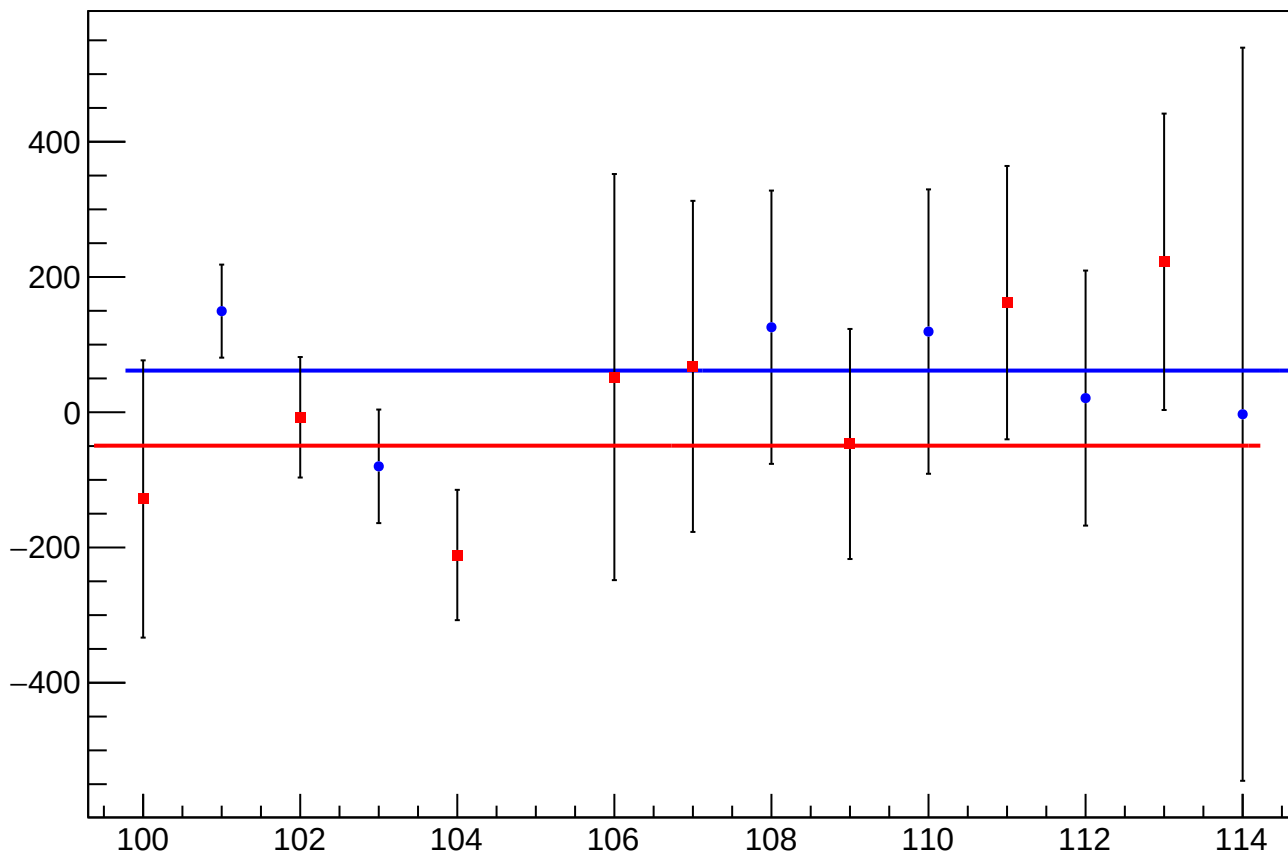
Right: 47.362+/-0.014 χ^2/NDF : 283374.3/13

In: 47.745+/-0.021 χ^2/NDF : 148726.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.362+/-0.014 χ^2/NDF : 283374.3/13

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

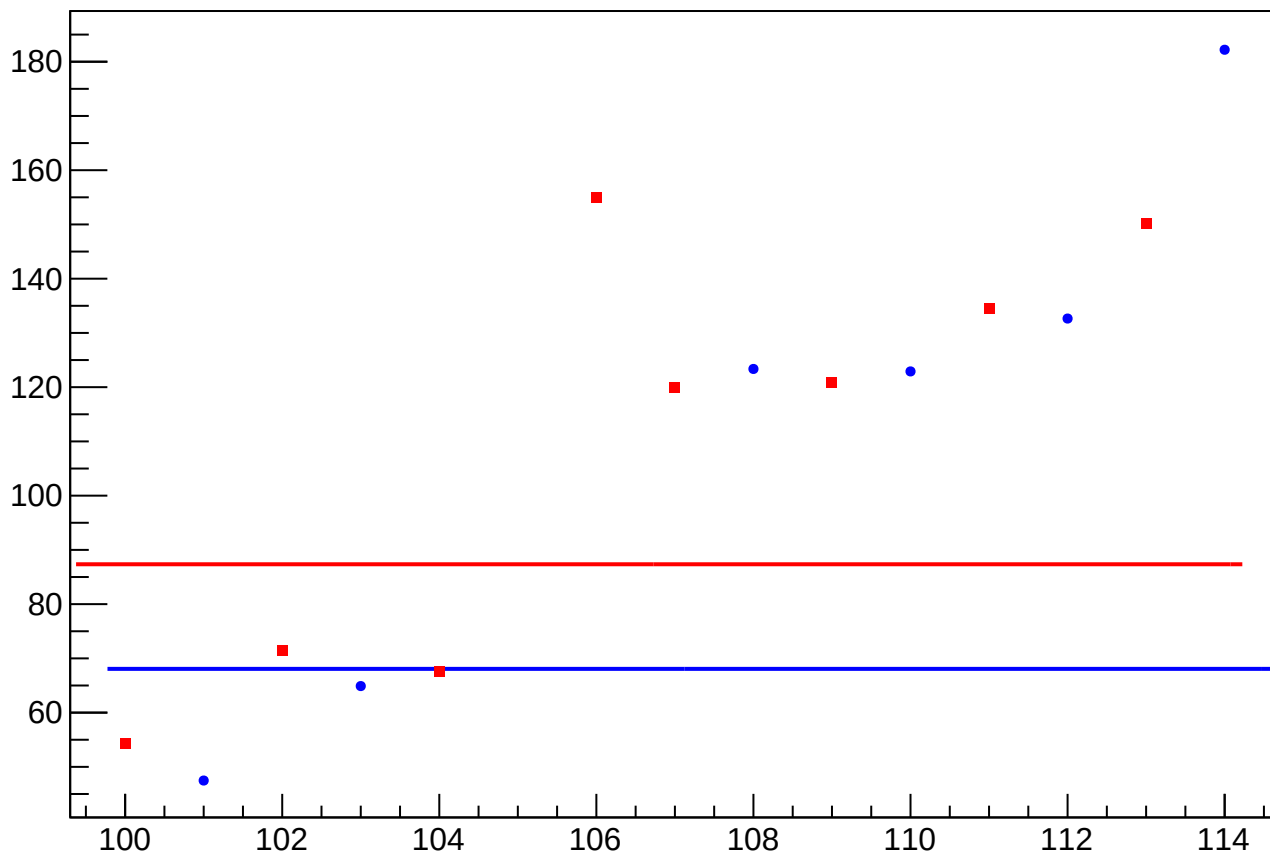
Right: 10.749+/-35.425 χ^2/NDF : 13.3/13

In: 61.622+/-48.126 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.749+/-35.425 χ^2/NDF : 13.3/13

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 68.067 $\pm$ 0.034 χ^2 /NDF: 791020.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.351 $\pm$ 0.037 χ^2 /NDF: 688623.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

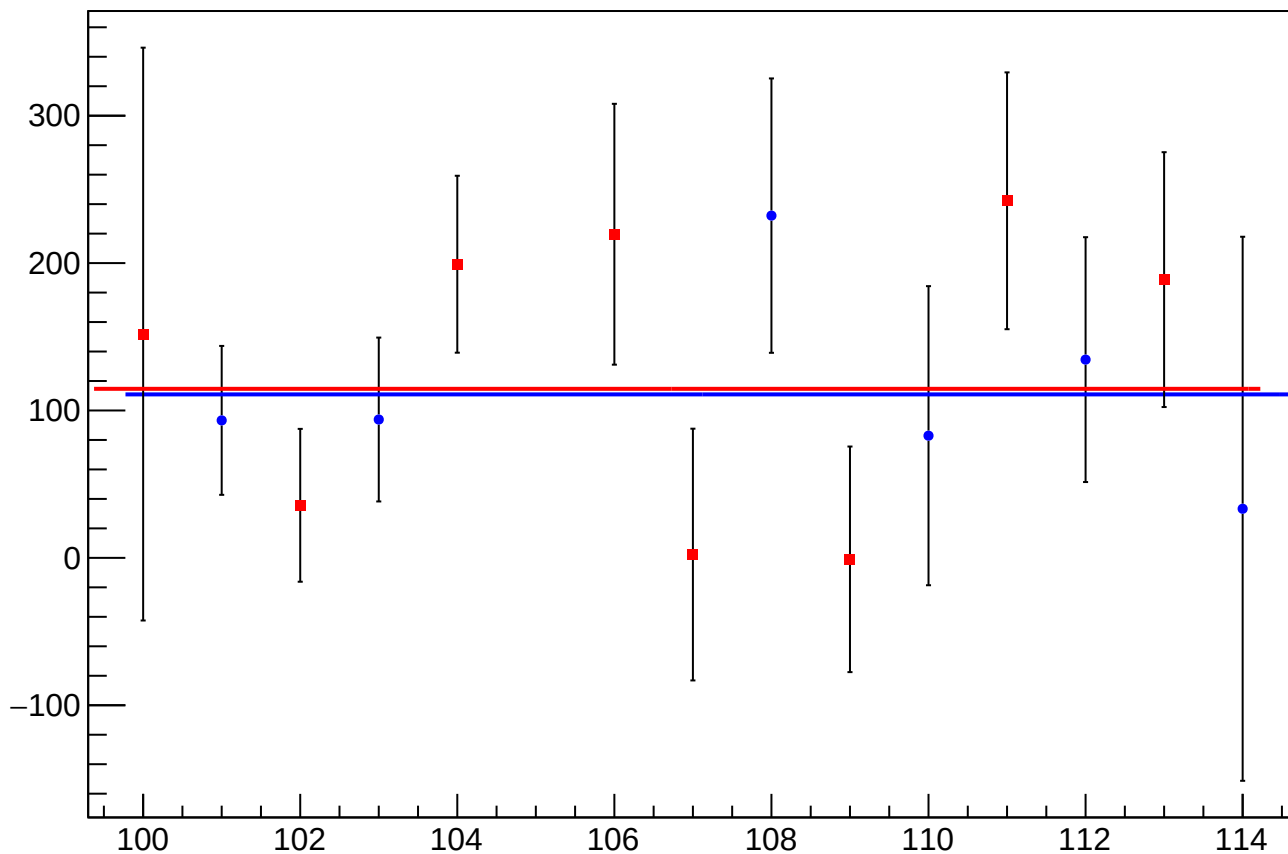
Right: 76.902 $\pm$ 0.025 χ^2 /NDF: 1626775.3/13

In: 68.067 $\pm$ 0.034 χ^2 /NDF:791020.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.902 $\pm$ 0.025 χ^2 /NDF: 1626775.3/13

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

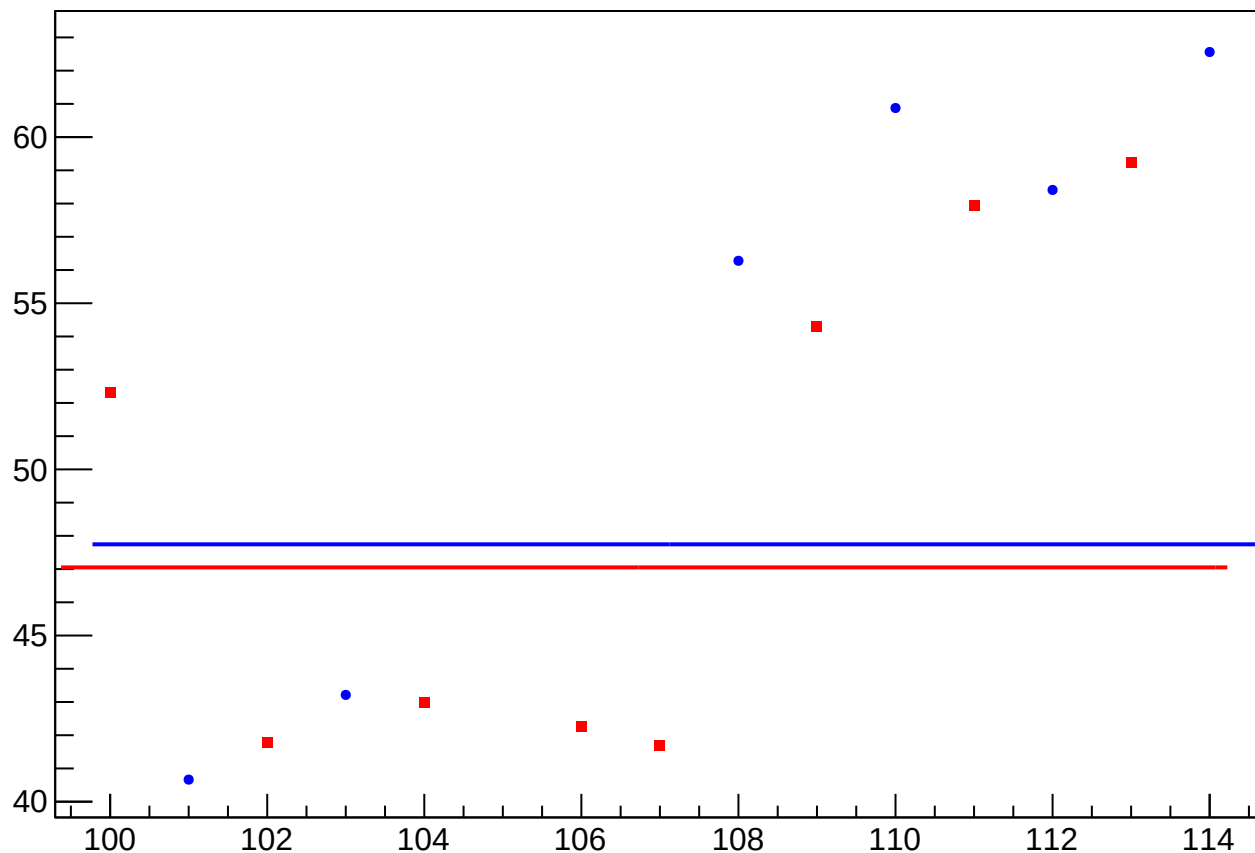
Right: 113.011 $\pm$ 20.084 χ^2 /NDF: 14.9/13

In: 110.910 $\pm$ 30.121 χ^2 /NDF:2.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.011 $\pm$ 20.084 χ^2 /NDF: 14.9/13

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 47.745+/-0.021 χ^2/NDF : 148726.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.050+/-0.019 χ^2/NDF : 134216.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

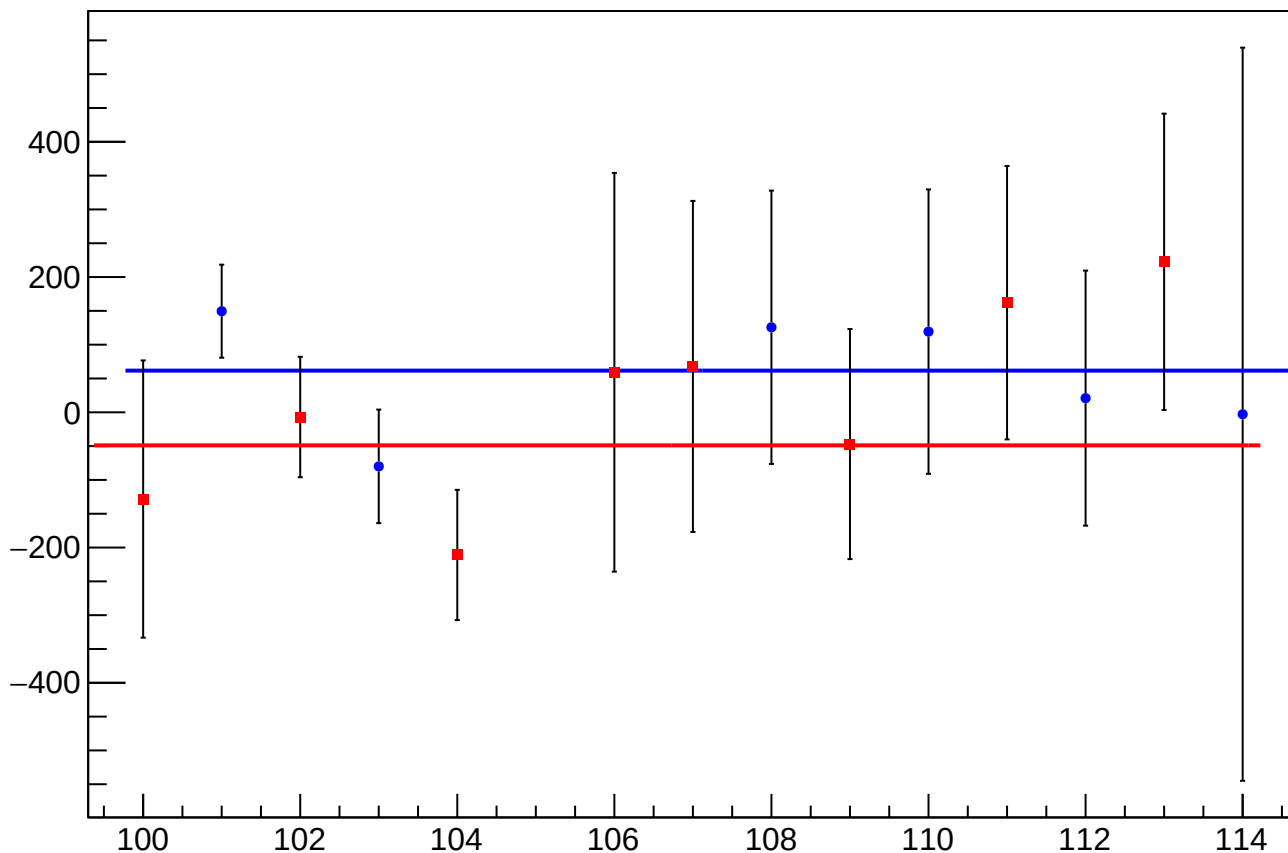
Right: 47.359+/-0.014 χ^2/NDF : 283533.7/13

In: 47.745+/-0.021 χ^2/NDF : 148726.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.359+/-0.014 χ^2/NDF : 283533.7/13

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

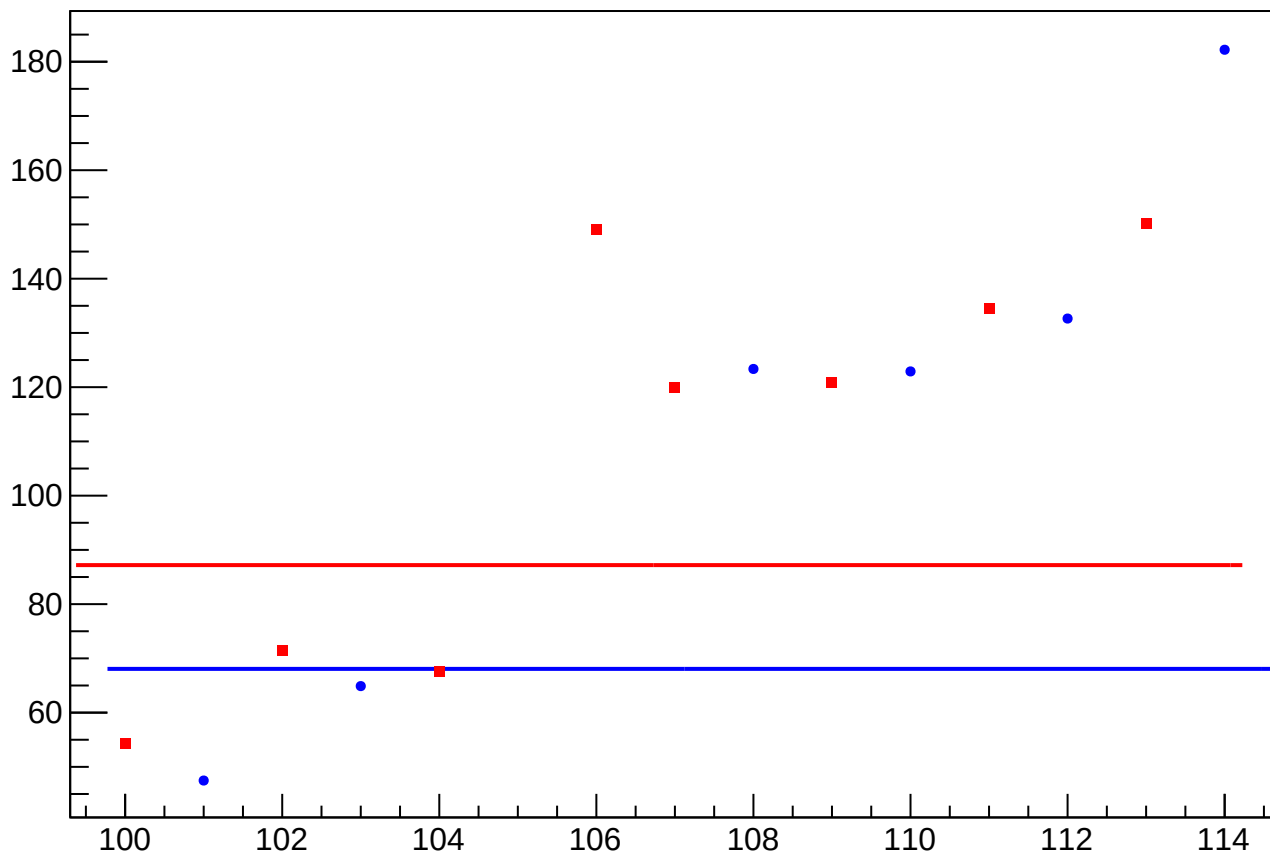
Right: 10.941+/-35.409 χ^2/NDF : 13.3/13

In: 61.626+/-48.125 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.941+/-35.409 χ^2/NDF : 13.3/13

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

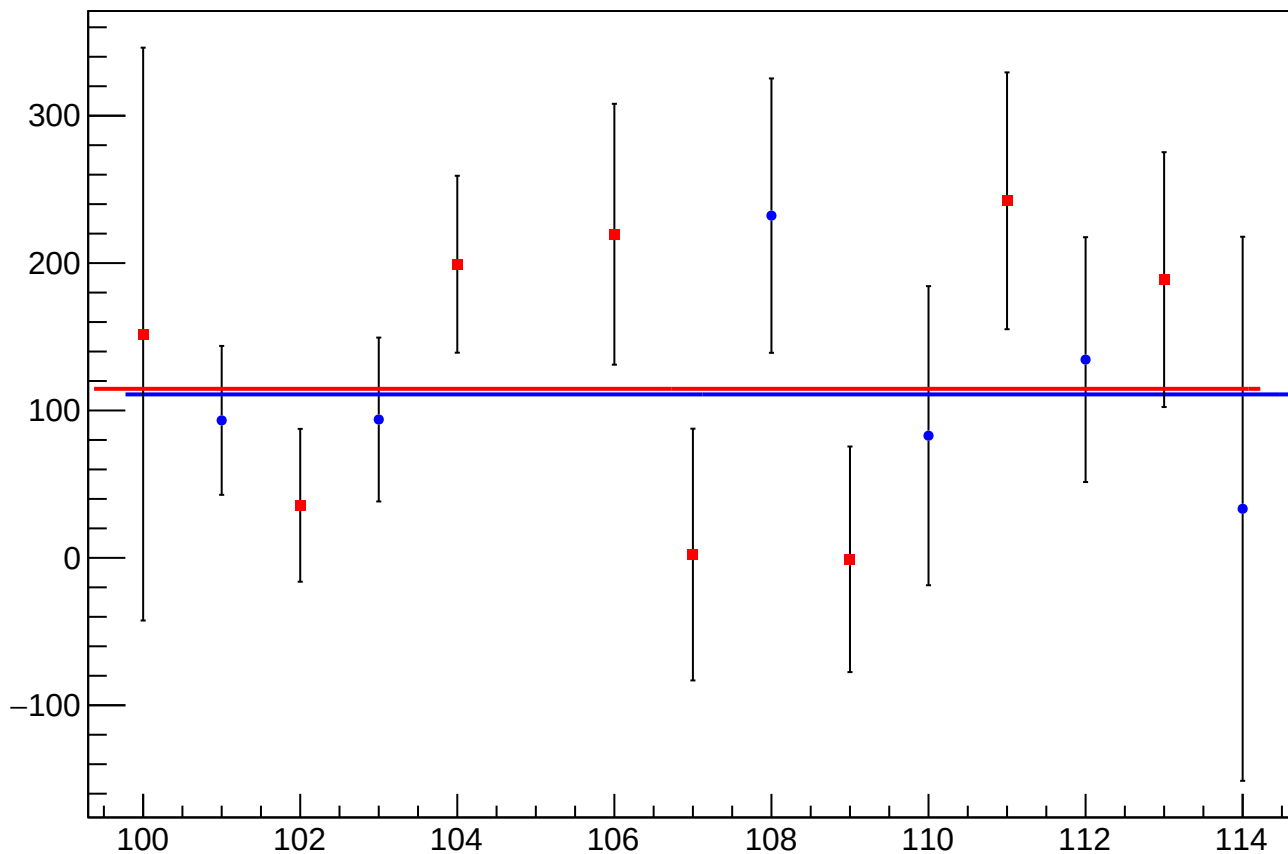
Right: 76.839+/-0.025 χ^2/NDF : 1611280.4/13

In: 68.065+/-0.034 χ^2/NDF : 791026.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.839+/-0.025 χ^2/NDF : 1611280.4/13

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

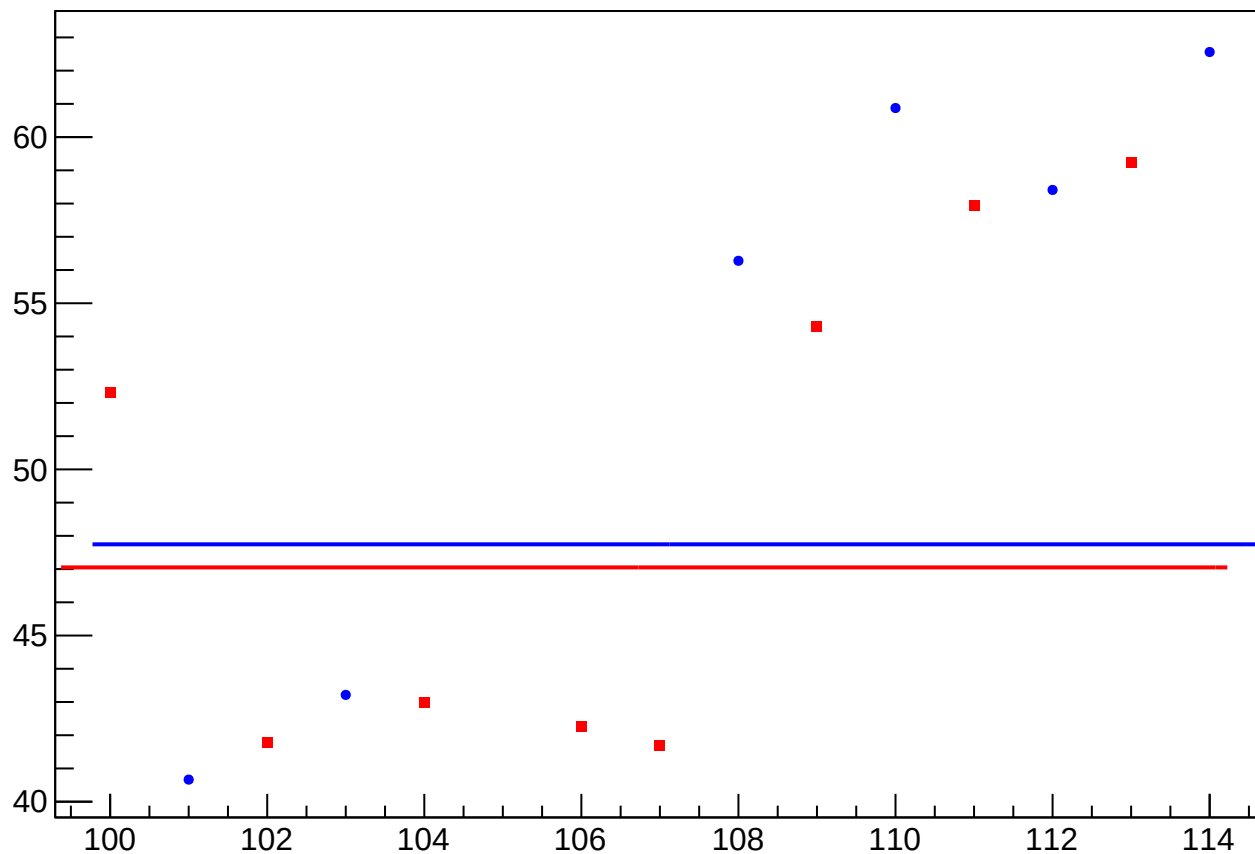
Right: 113.011 $\pm$ 20.084 χ^2 /NDF: 14.9/13

In: 110.910 $\pm$ 30.121 χ^2 /NDF:2.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.011 $\pm$ 20.084 χ^2 /NDF: 14.9/13

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 47.745+/-0.021 χ^2/NDF : 148726.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.050+/-0.019 χ^2/NDF : 134216.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

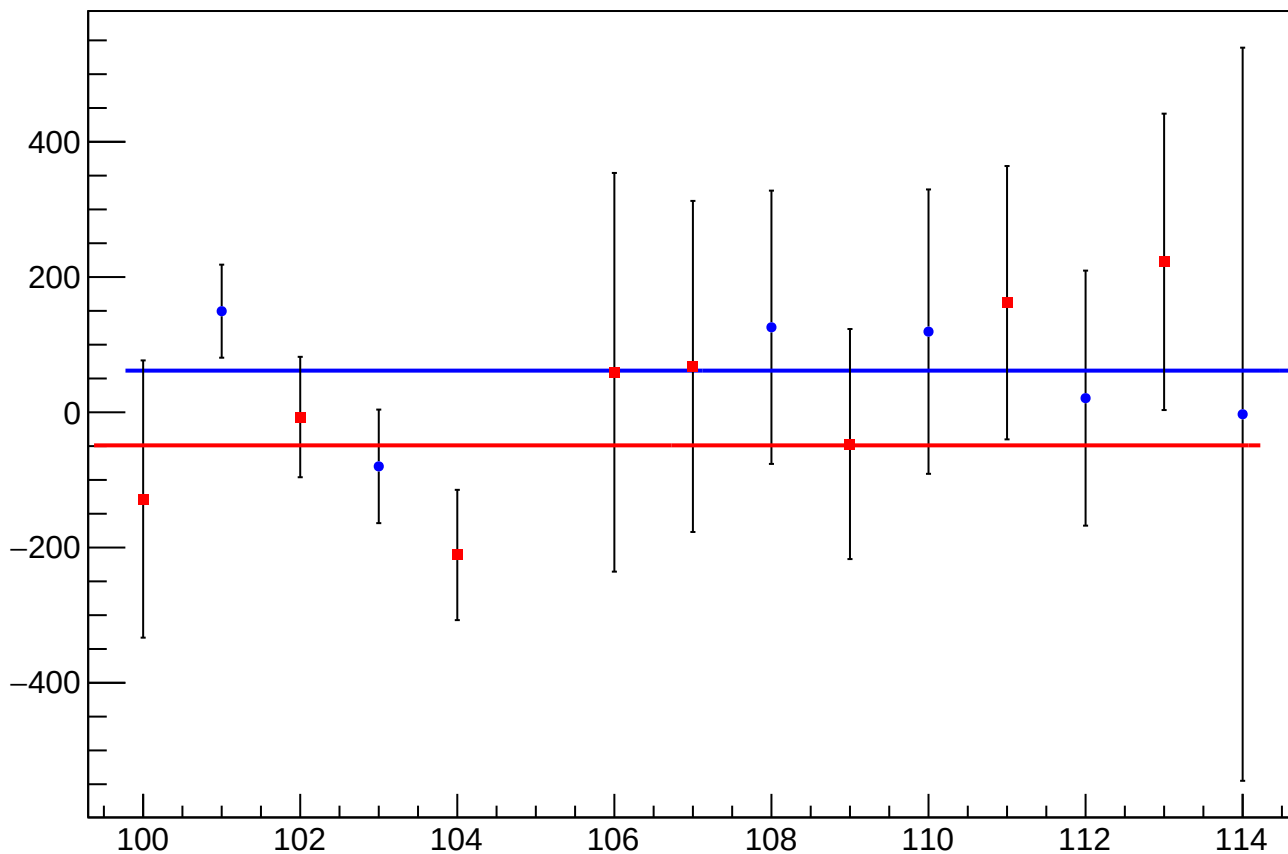
Right: 47.359+/-0.014 χ^2/NDF : 283533.7/13

In: 47.745+/-0.021 χ^2/NDF : 148726.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.359+/-0.014 χ^2/NDF : 283533.7/13

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

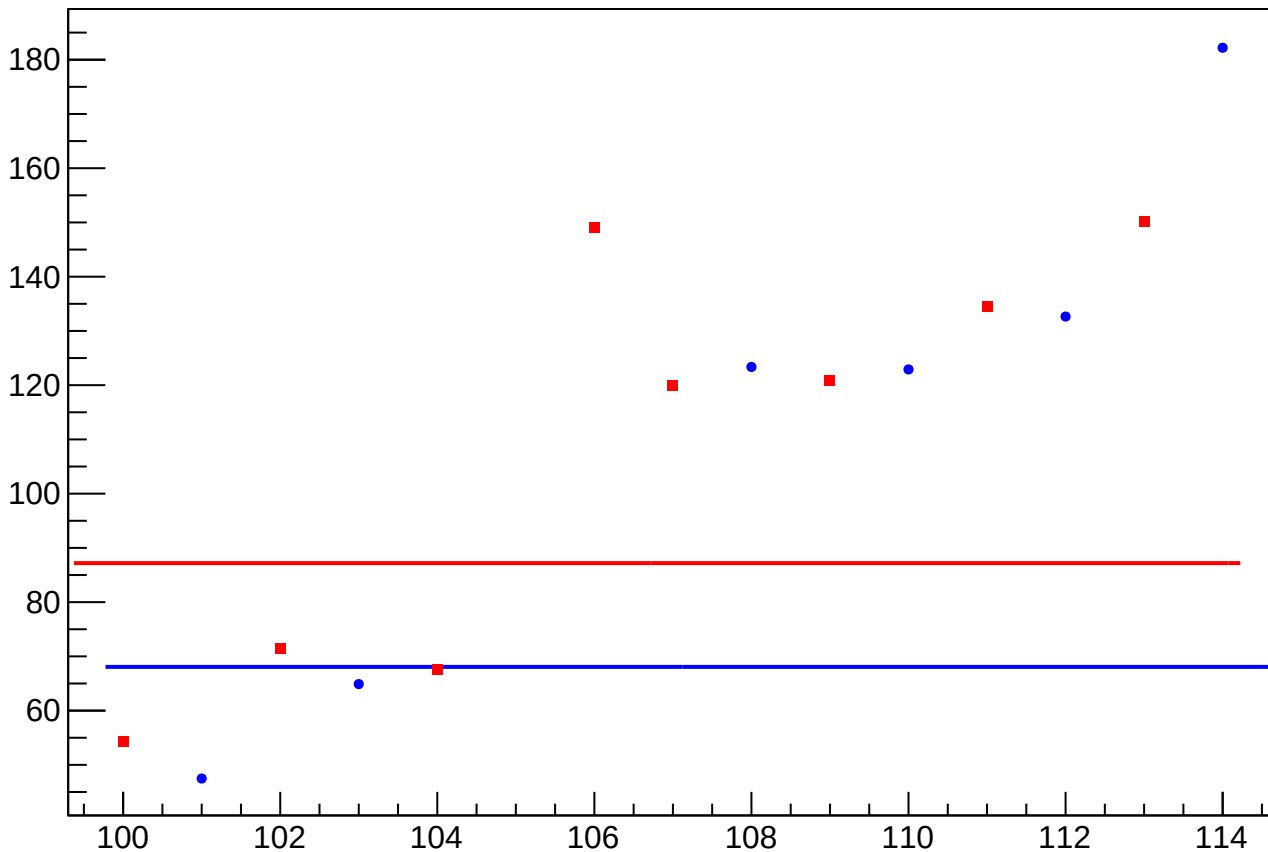
Right: 10.941 $\pm$ 35.409 χ^2 /NDF: 13.3/13

In: 61.626 $\pm$ 48.125 χ^2 /NDF: 4.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.941 $\pm$ 35.409 χ^2 /NDF: 13.3/13

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

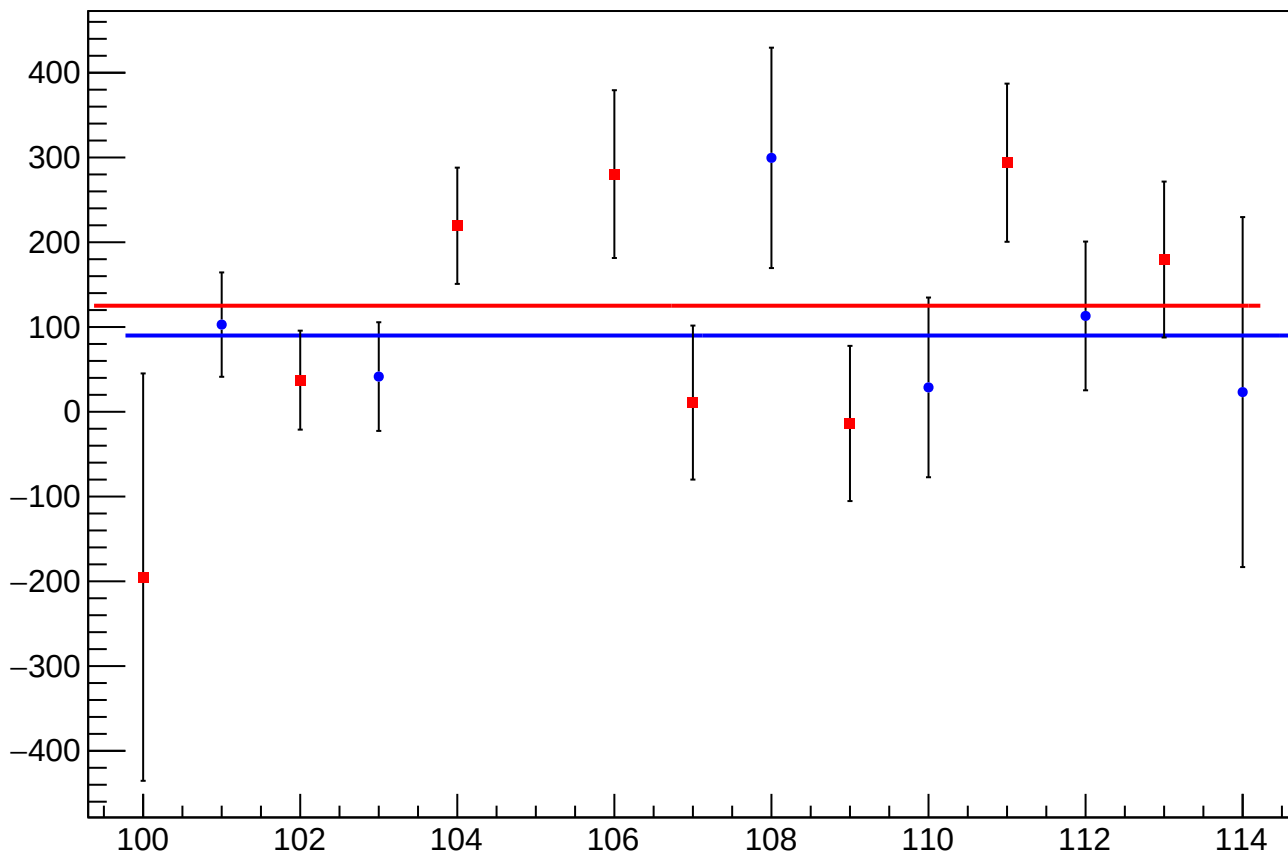
Right: 76.839+/-0.025 χ^2/NDF : 1611280.4/13

In: 68.065+/-0.034 χ^2/NDF : 791026.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.839+/-0.025 χ^2/NDF : 1611280.4/13

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 89.973+/-35.163 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.138+/-30.164 χ^2/NDF : 15.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

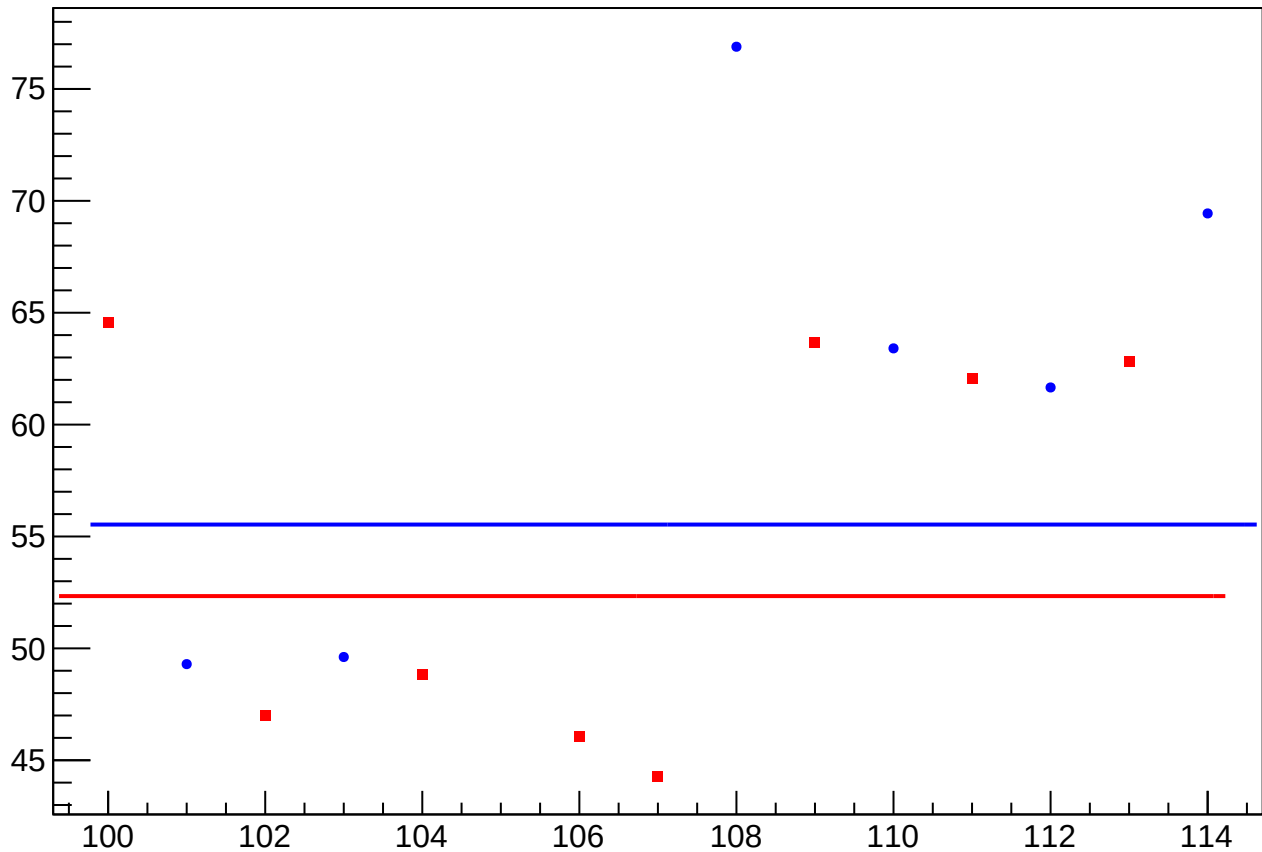
Right: 110.231+/-22.894 χ^2/NDF : 20.2/13

In: 89.973+/-35.163 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.231+/-22.894 χ^2/NDF : 20.2/13

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

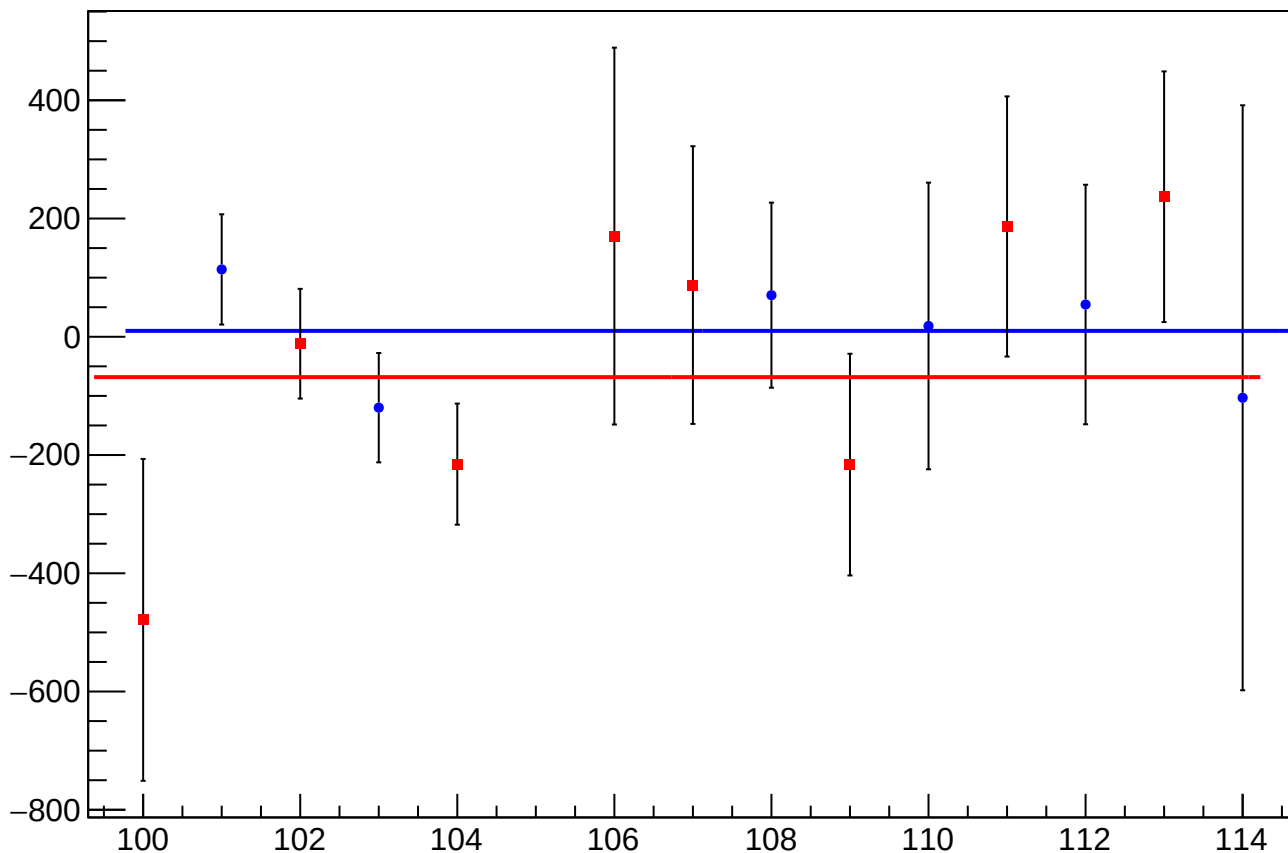
Right: 53.692+/-0.016 χ^2/NDF : 260102.9/13

In: 55.533+/-0.025 χ^2/NDF : 121405.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.692+/-0.016 χ^2/NDF : 260102.9/13

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 9.974+/-56.062 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.249+/-55.529 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

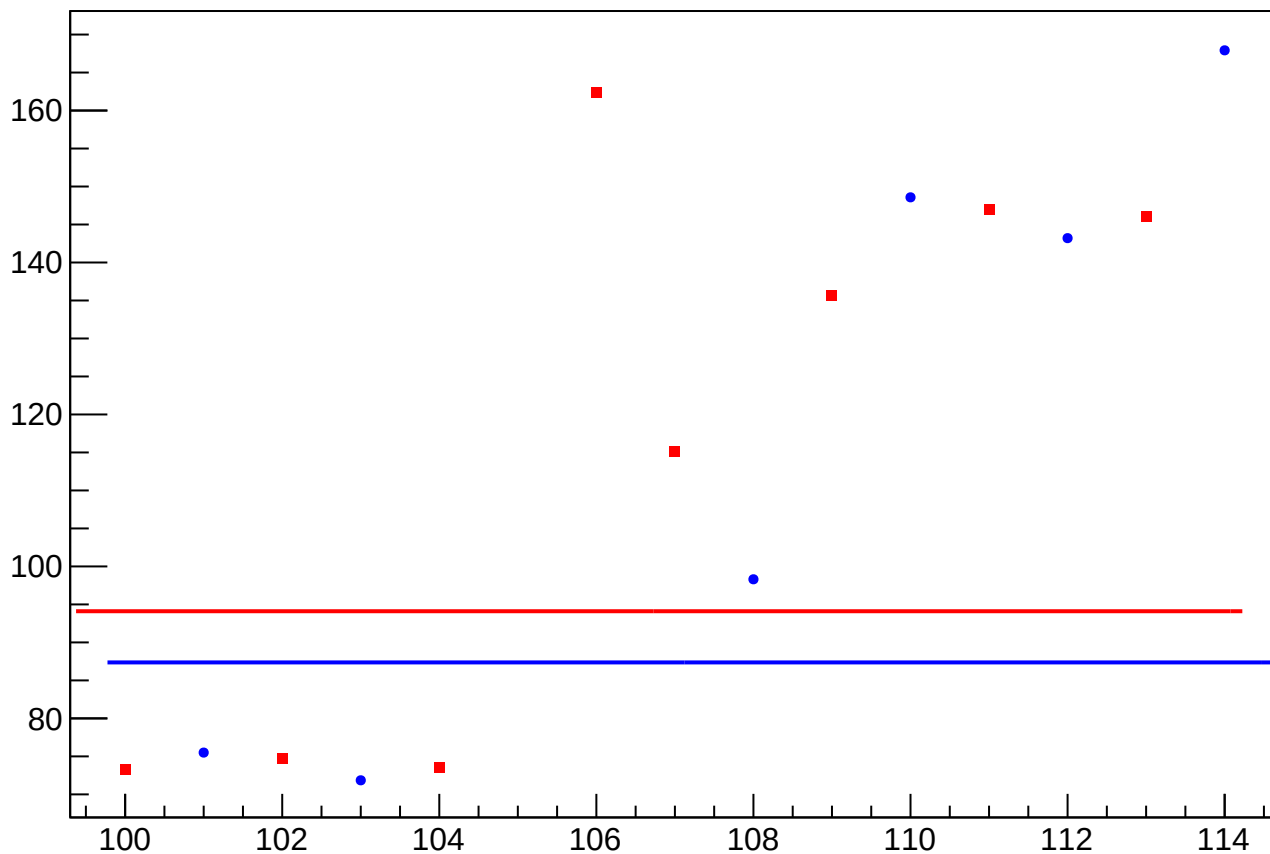
Right: -29.511+/-39.452 χ^2/NDF : 14.2/13

In: 9.974+/-56.062 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.511+/-39.452 χ^2/NDF : 14.2/13

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

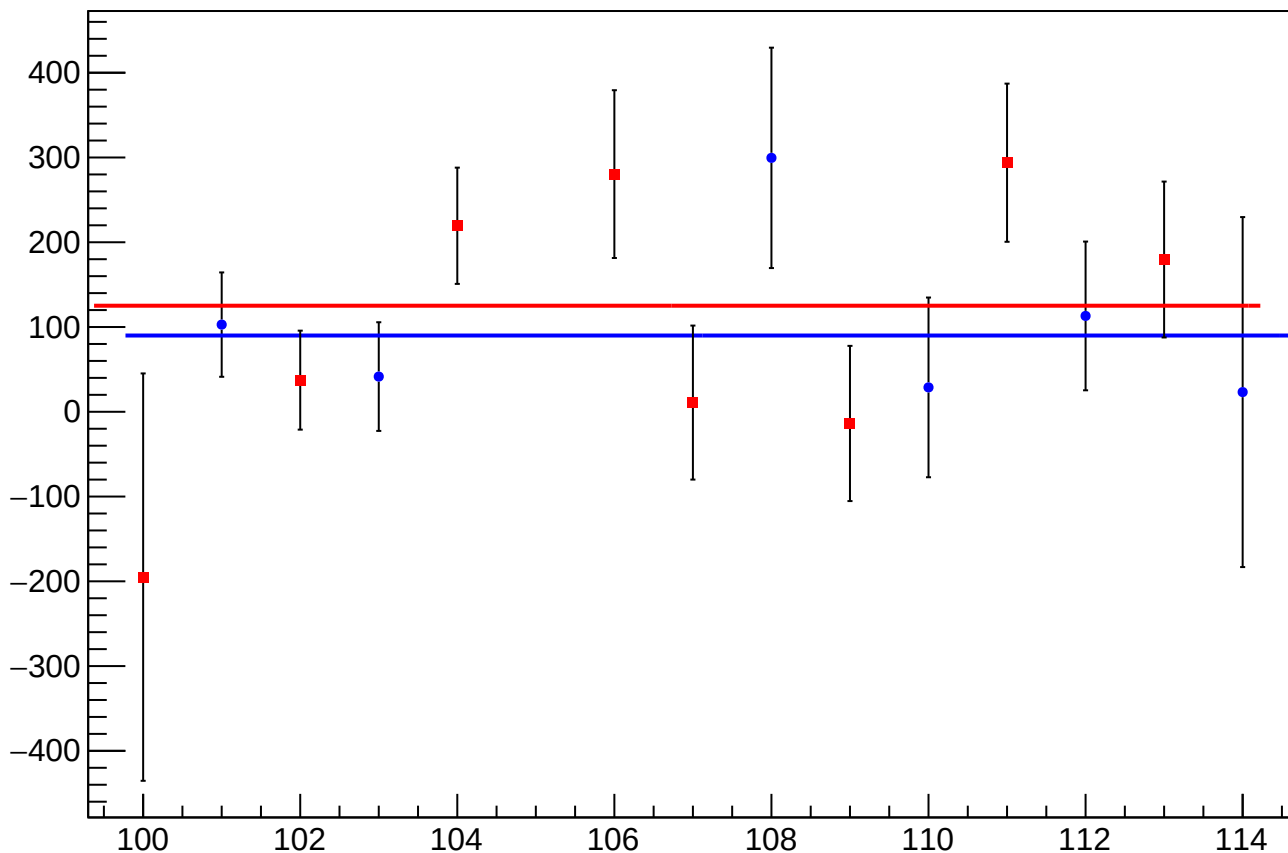
Right: 90.768+/-0.028 χ^2/NDF : 1066415.7/13

In: 87.367+/-0.040 χ^2/NDF : 430936.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.768+/-0.028 χ^2/NDF : 1066415.7/13

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 89.973+/-35.163 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.138+/-30.164 χ^2/NDF : 15.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

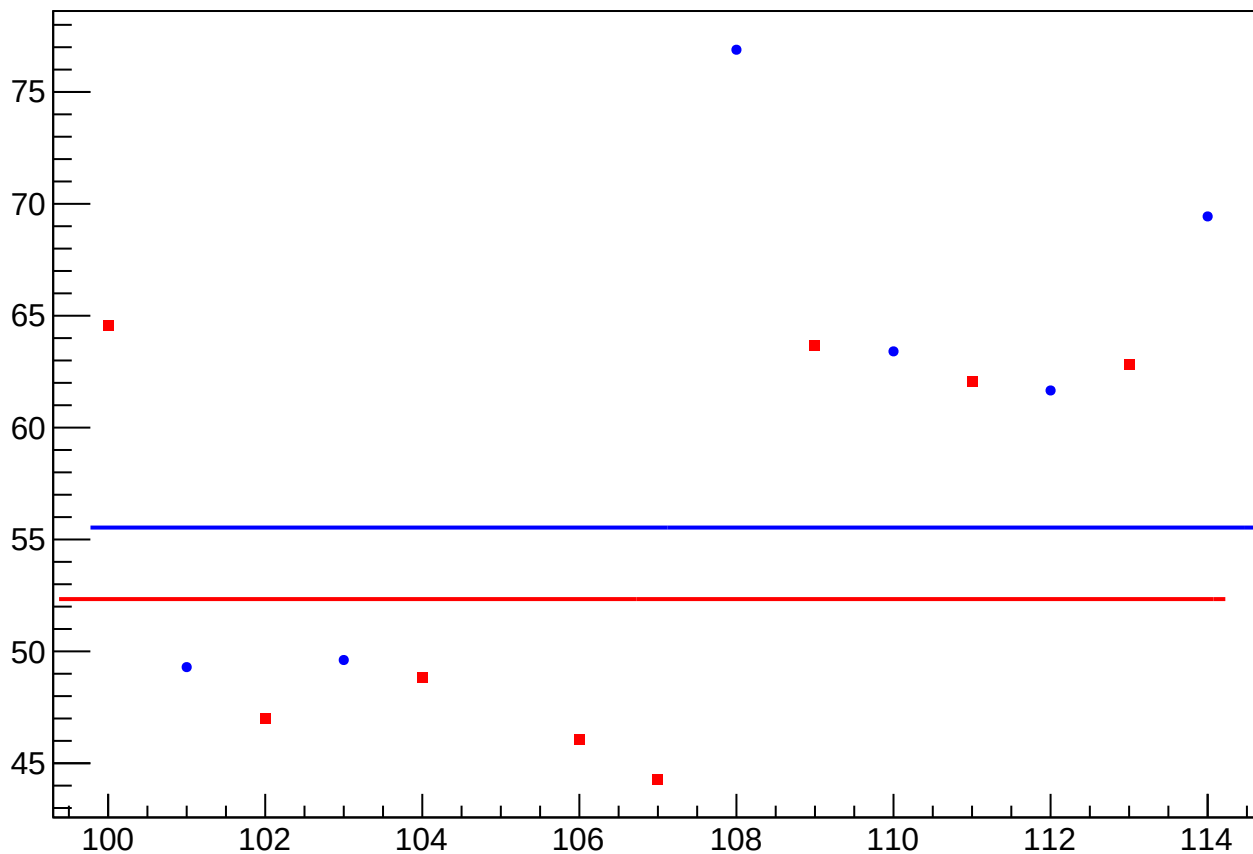
Right: 110.231+/-22.894 χ^2/NDF : 20.2/13

In: 89.973+/-35.163 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.231+/-22.894 χ^2/NDF : 20.2/13

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

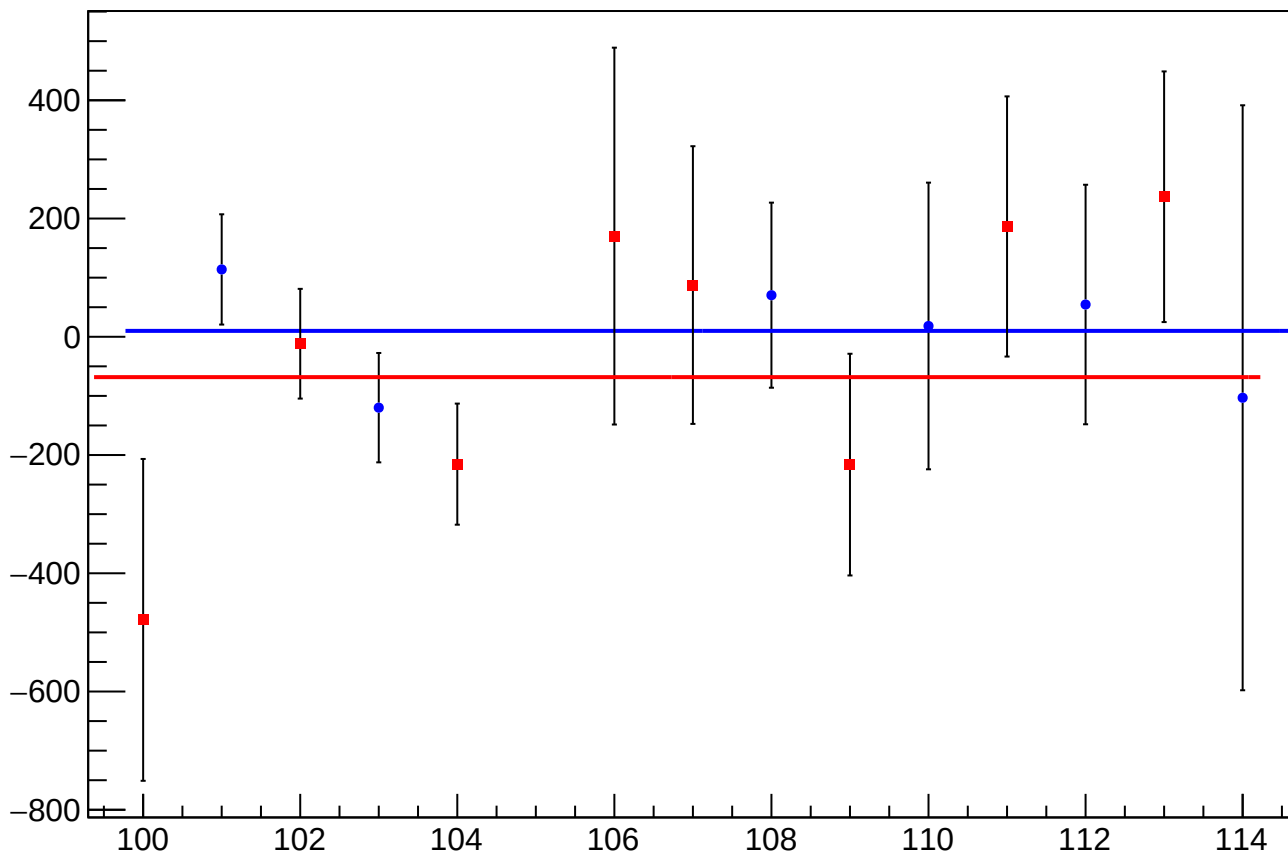
Right: 53.692+/-0.016 χ^2/NDF : 260103.0/13

In: 55.533+/-0.025 χ^2/NDF : 121406.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.692+/-0.016 χ^2/NDF : 260103.0/13

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 9.974+/-56.062 χ^2/NDF : 3.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.249+/-55.529 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

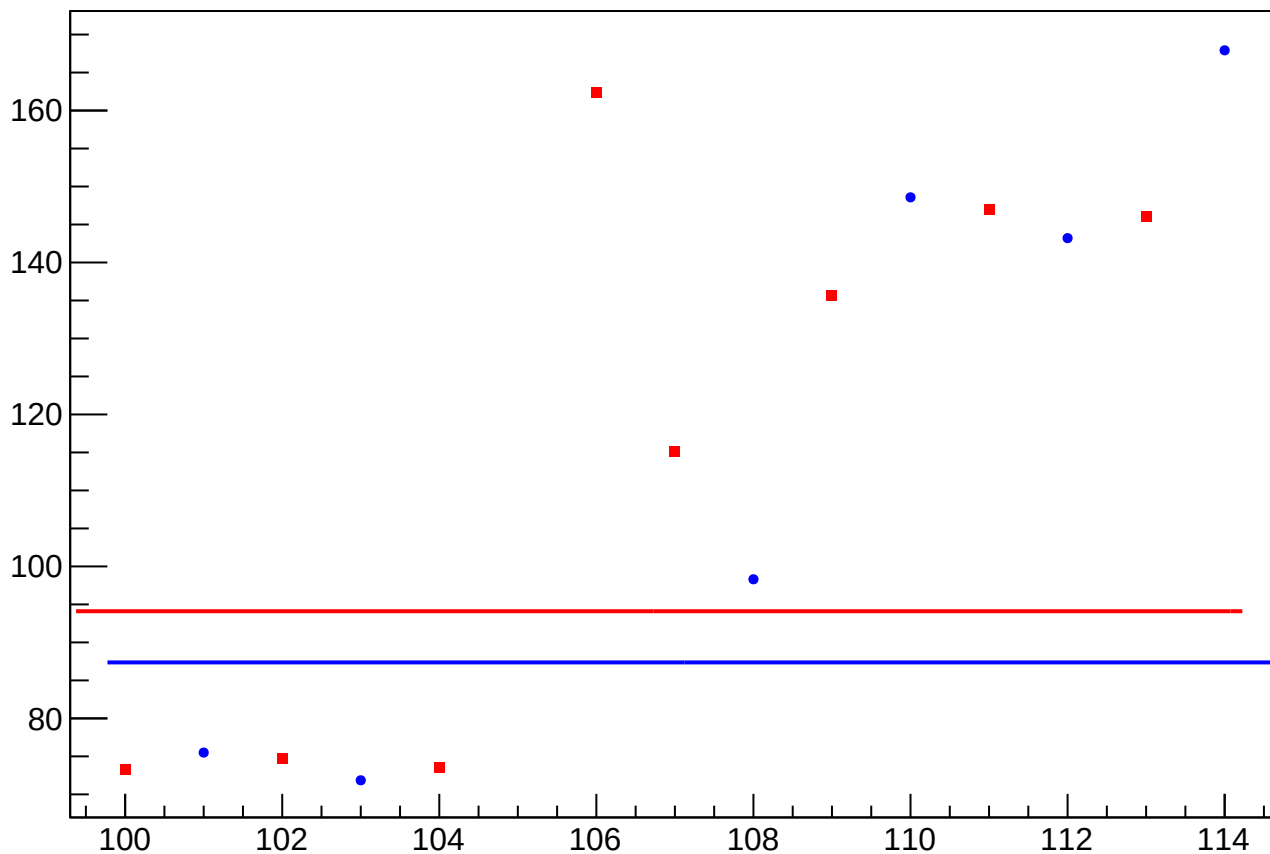
Right: -29.511+/-39.452 χ^2/NDF : 14.2/13

In: 9.974+/-56.062 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.511+/-39.452 χ^2/NDF : 14.2/13

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 87.367+/-0.040 χ^2/NDF : 430938.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.104+/-0.039 χ^2/NDF : 620903.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

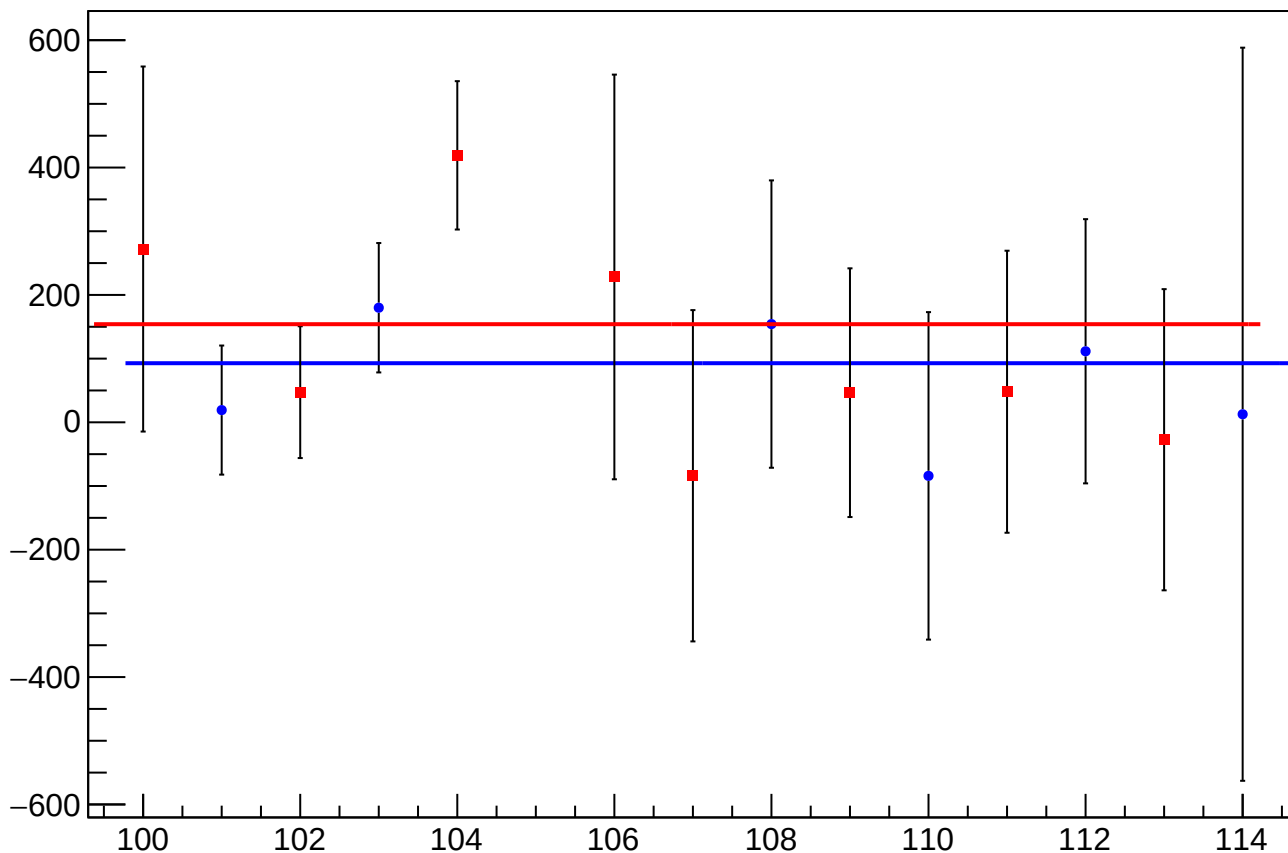
Right: 90.768+/-0.028 χ^2/NDF : 1066422.8/13

In: 87.367+/-0.040 χ^2/NDF : 430938.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.768+/-0.028 χ^2/NDF : 1066422.8/13

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

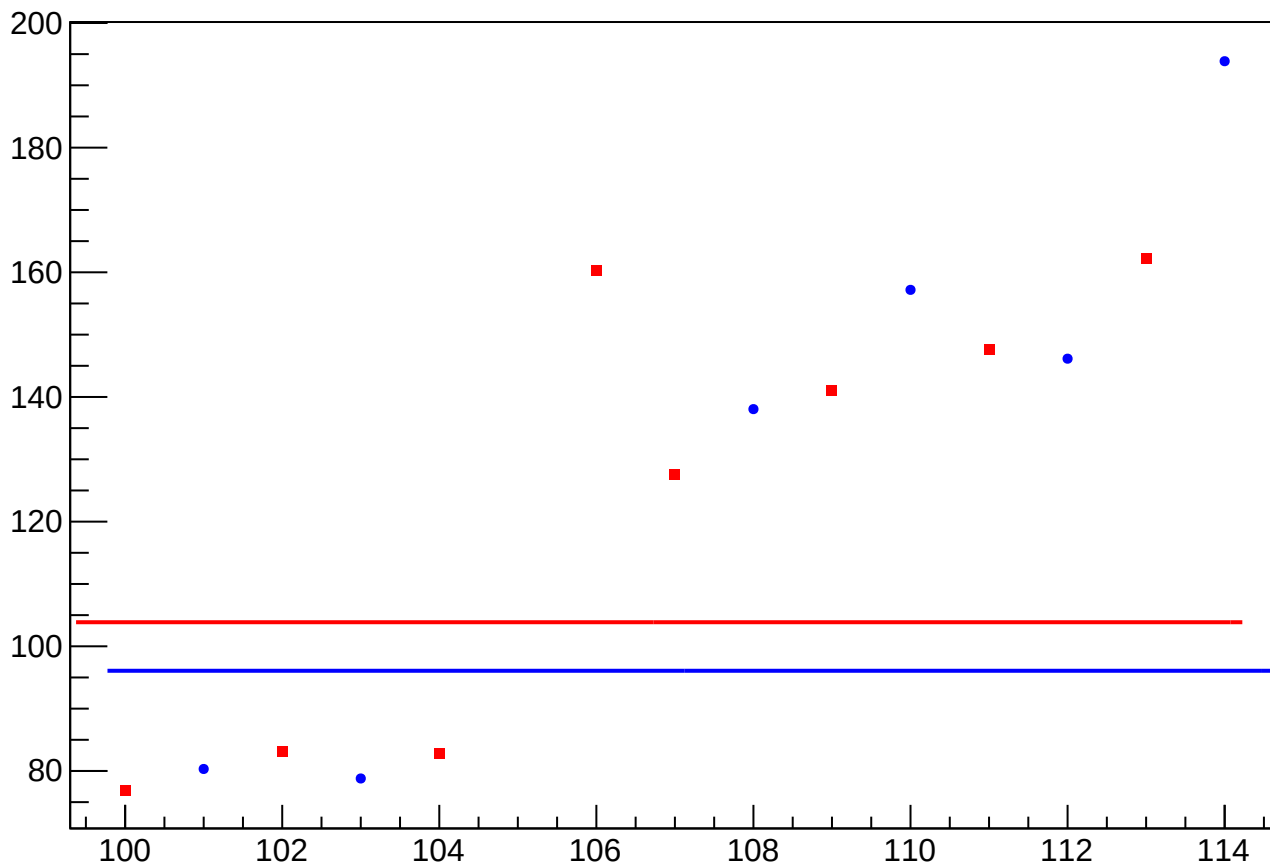
Right: 124.196 $\pm$ 43.693 χ^2 /NDF: 10.8/13

In: 92.797 $\pm$ 62.584 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.196 $\pm$ 43.693 χ^2 /NDF: 10.8/13

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

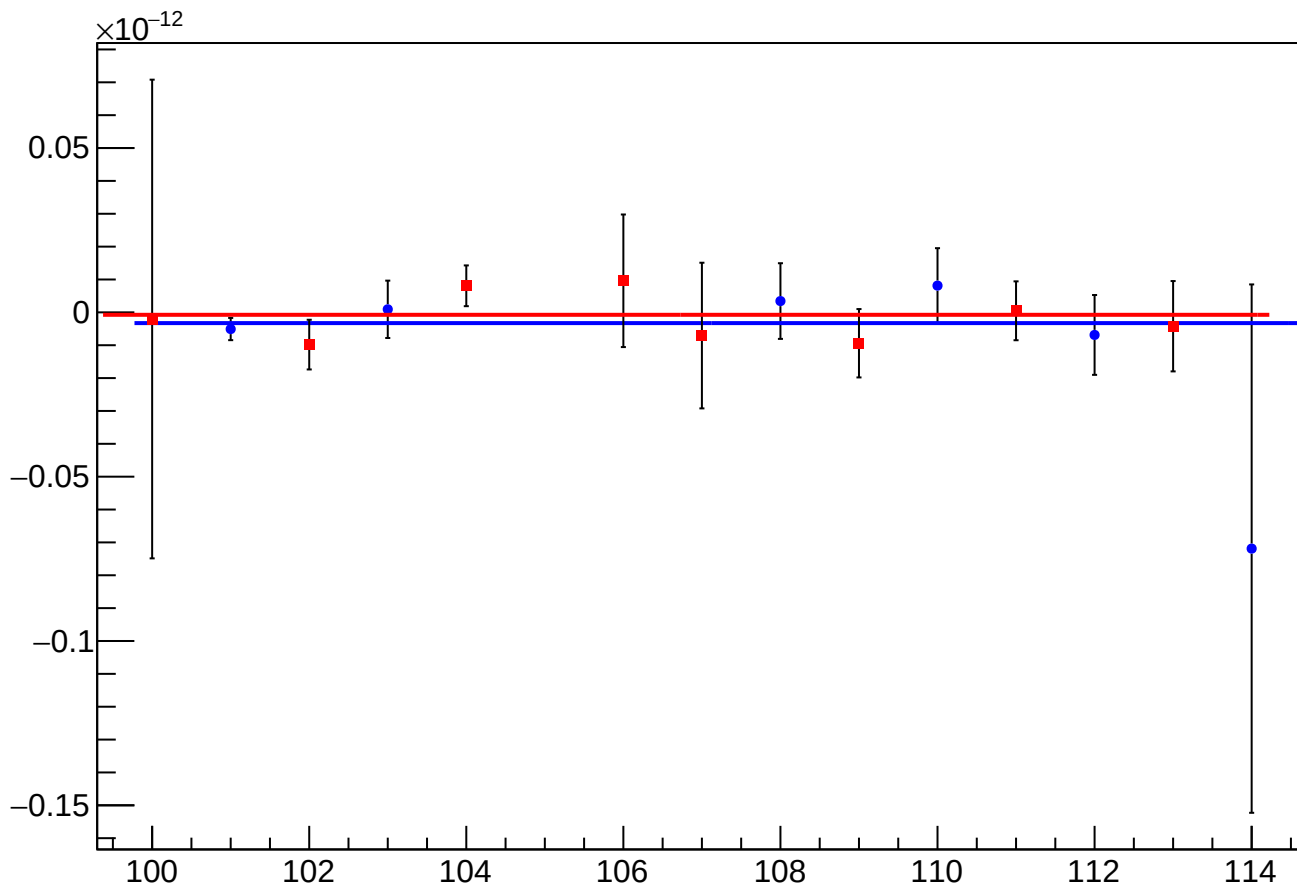
Right: 100.067+/-0.031 χ^2/NDF : 993766.0/13

In: 96.075+/-0.044 χ^2/NDF : 462708.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.067+/-0.031 χ^2/NDF : 993766.0/13

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

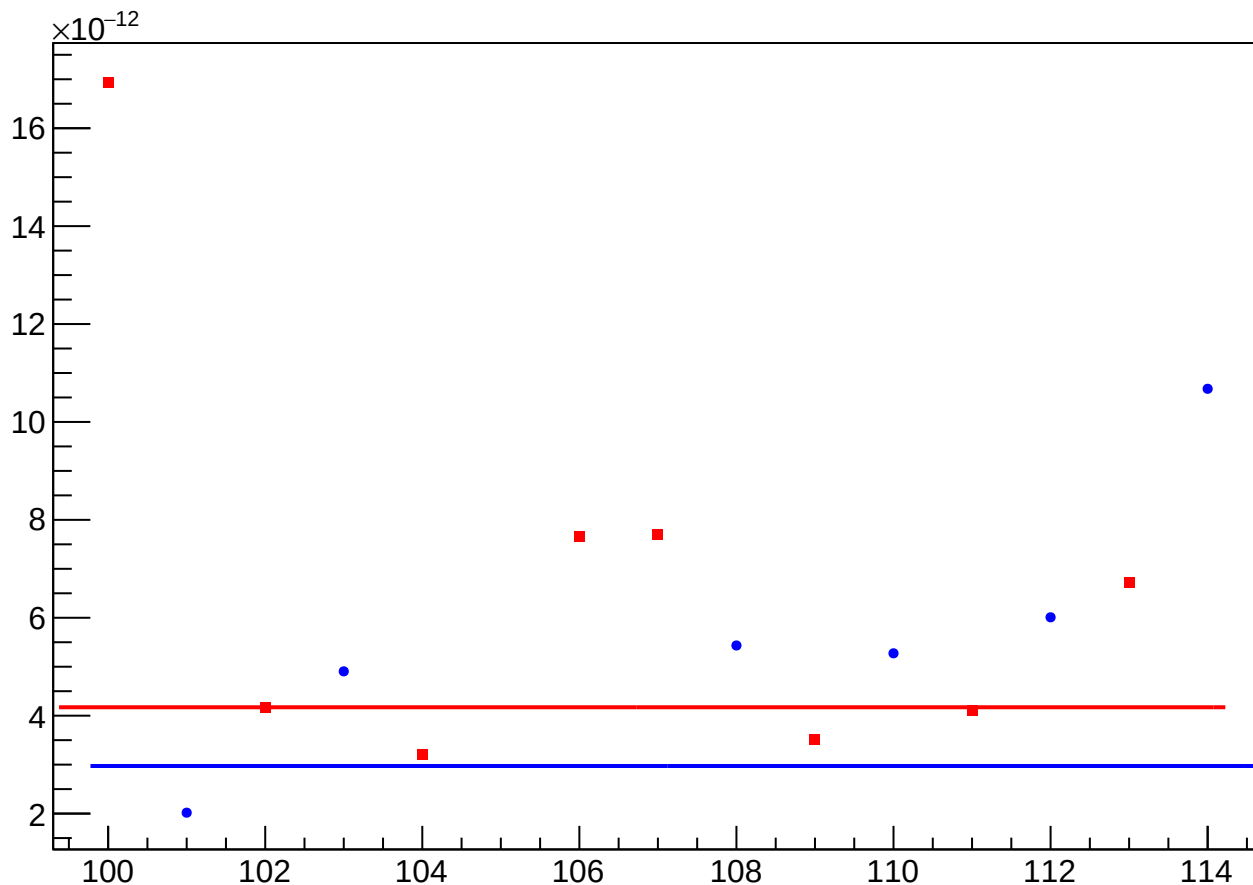
Right: -0.000+/-0.000 χ^2 /NDF: 7.6/13

In: -0.000+/-0.000 χ^2 /NDF:2.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.6/13

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

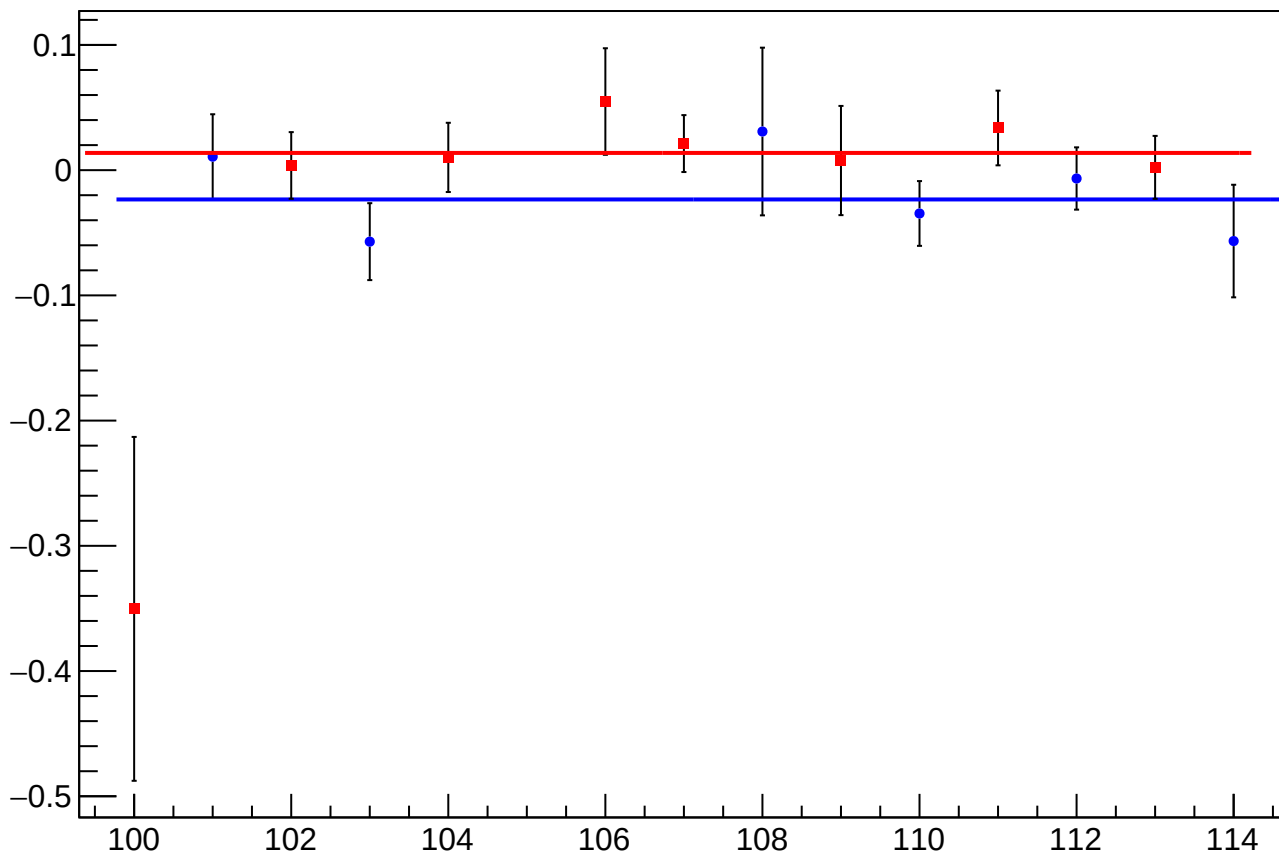
Right: 0.000+/-0.000 χ^2/NDF : 1004388.9/13

In: 0.000+/-0.000 χ^2/NDF : 573883.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1004388.9/13

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

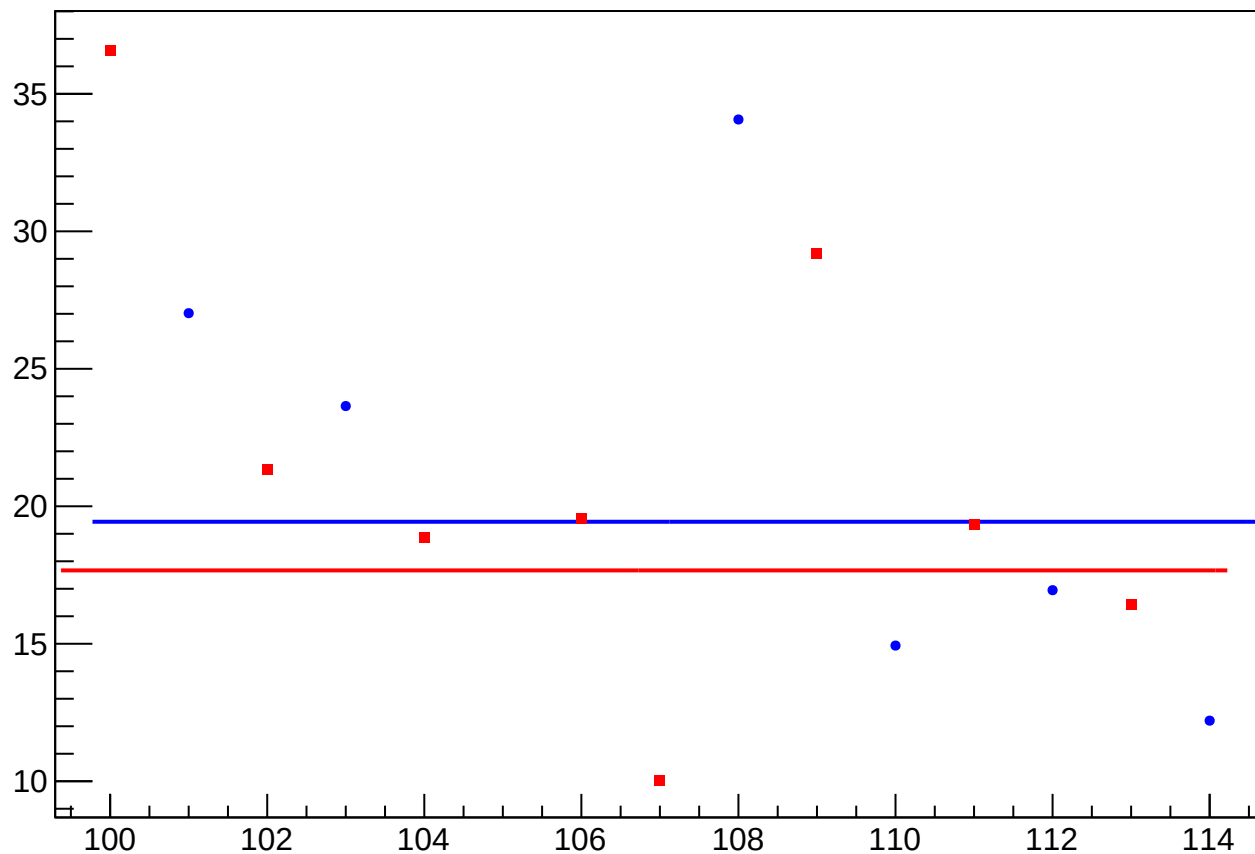
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 17.7/13

In: -0.023 $\pm$ 0.013 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 17.7/13

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.437+/-0.009 χ^2/NDF : 365743.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.668+/-0.008 χ^2/NDF : 459988.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

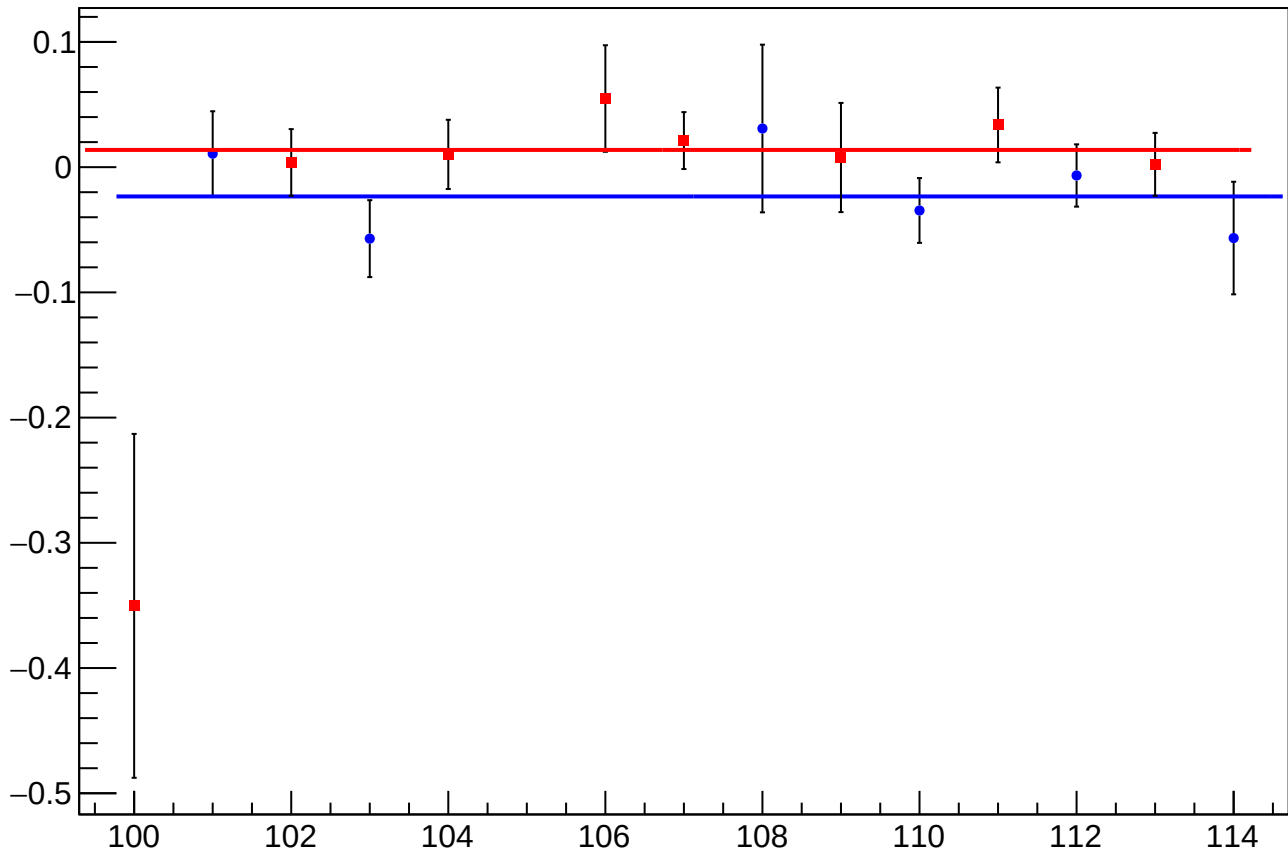
Right: 18.383+/-0.006 χ^2/NDF : 847230.0/13

In: 19.437+/-0.009 χ^2/NDF : 365743.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.383+/-0.006 χ^2/NDF : 847230.0/13

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

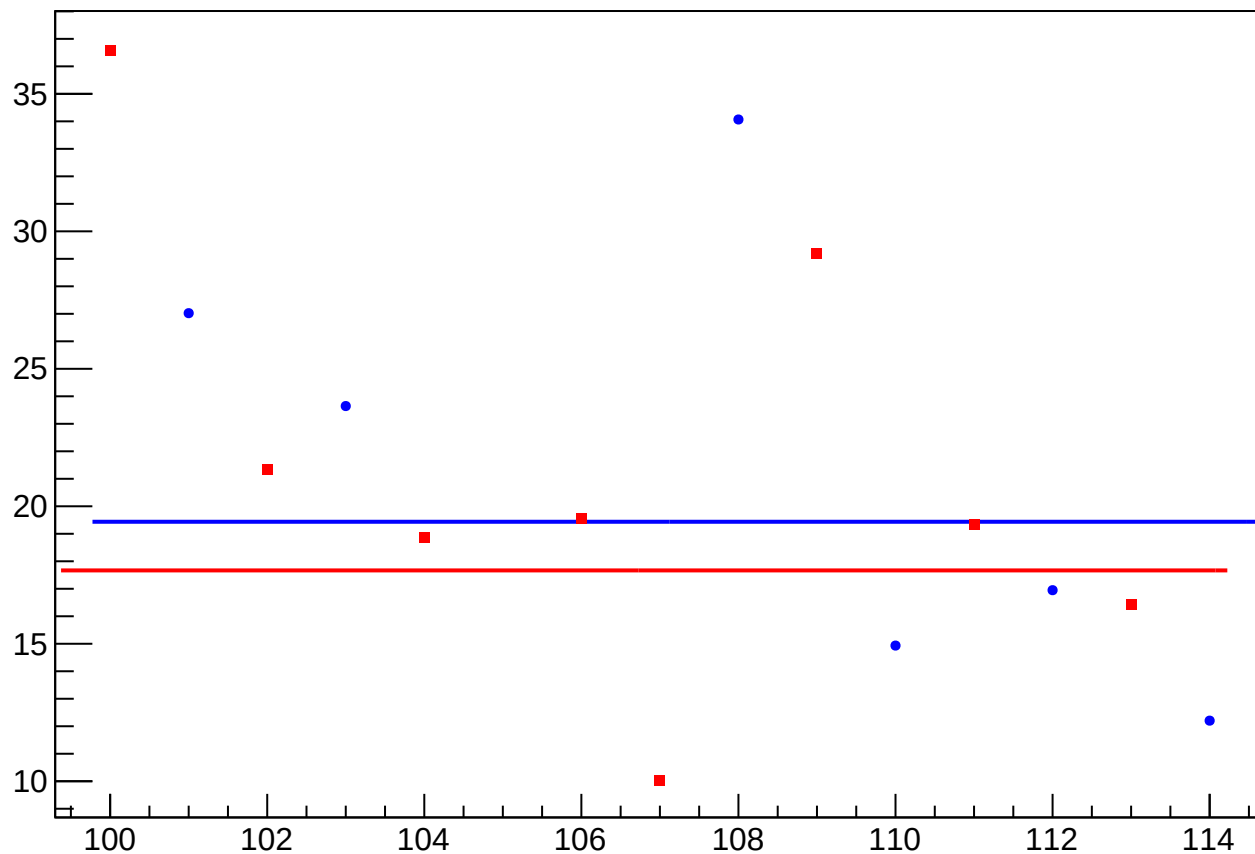
Right: -0.001 ± 0.008 χ^2/NDF : 17.7/13

In: -0.023 ± 0.013 χ^2/NDF : 4.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.008 χ^2/NDF : 17.7/13

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.437+/-0.009 χ^2/NDF : 365743.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.668+/-0.008 χ^2/NDF : 459988.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

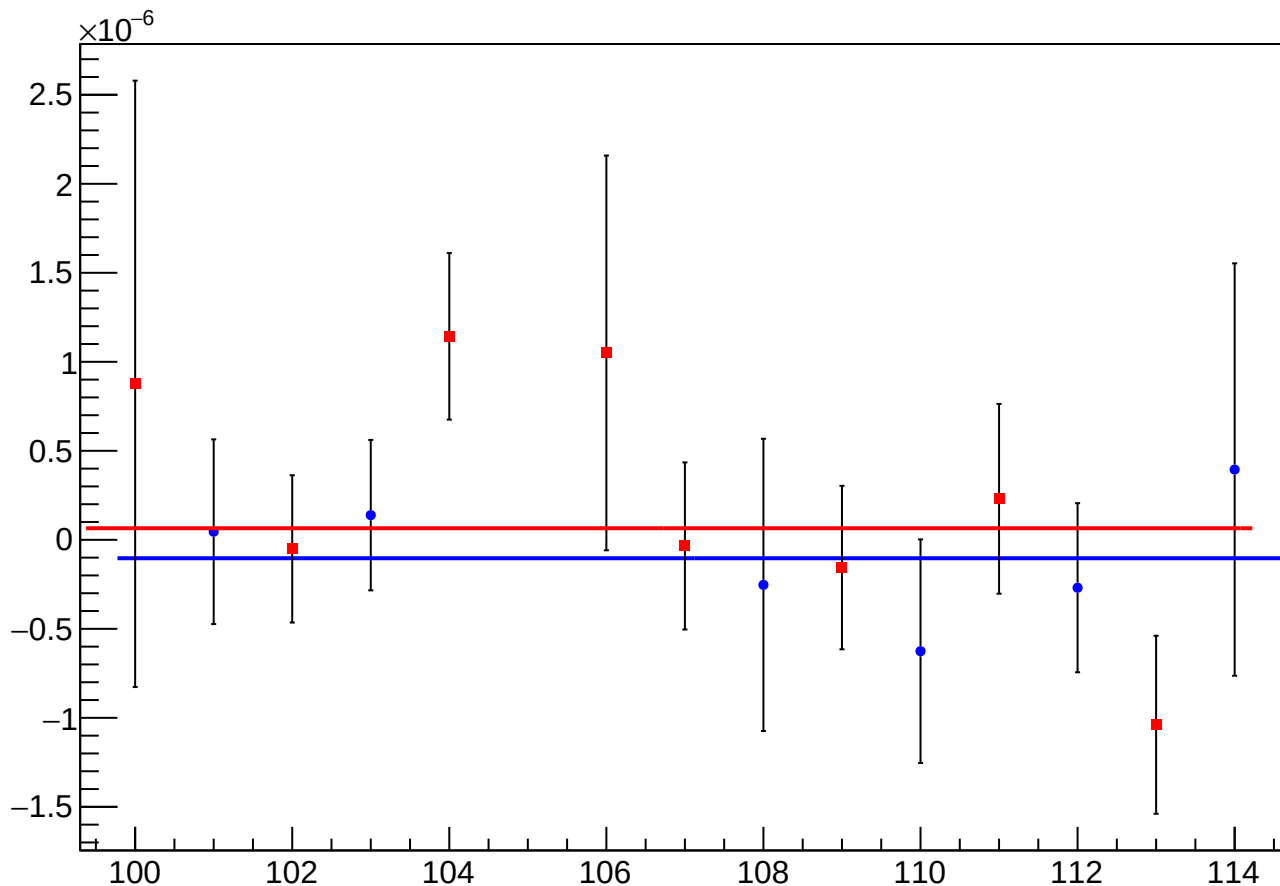
Right: 18.383+/-0.006 χ^2/NDF : 847230.0/13

In: 19.437+/-0.009 χ^2/NDF : 365743.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.383+/-0.006 χ^2/NDF : 847230.0/13

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

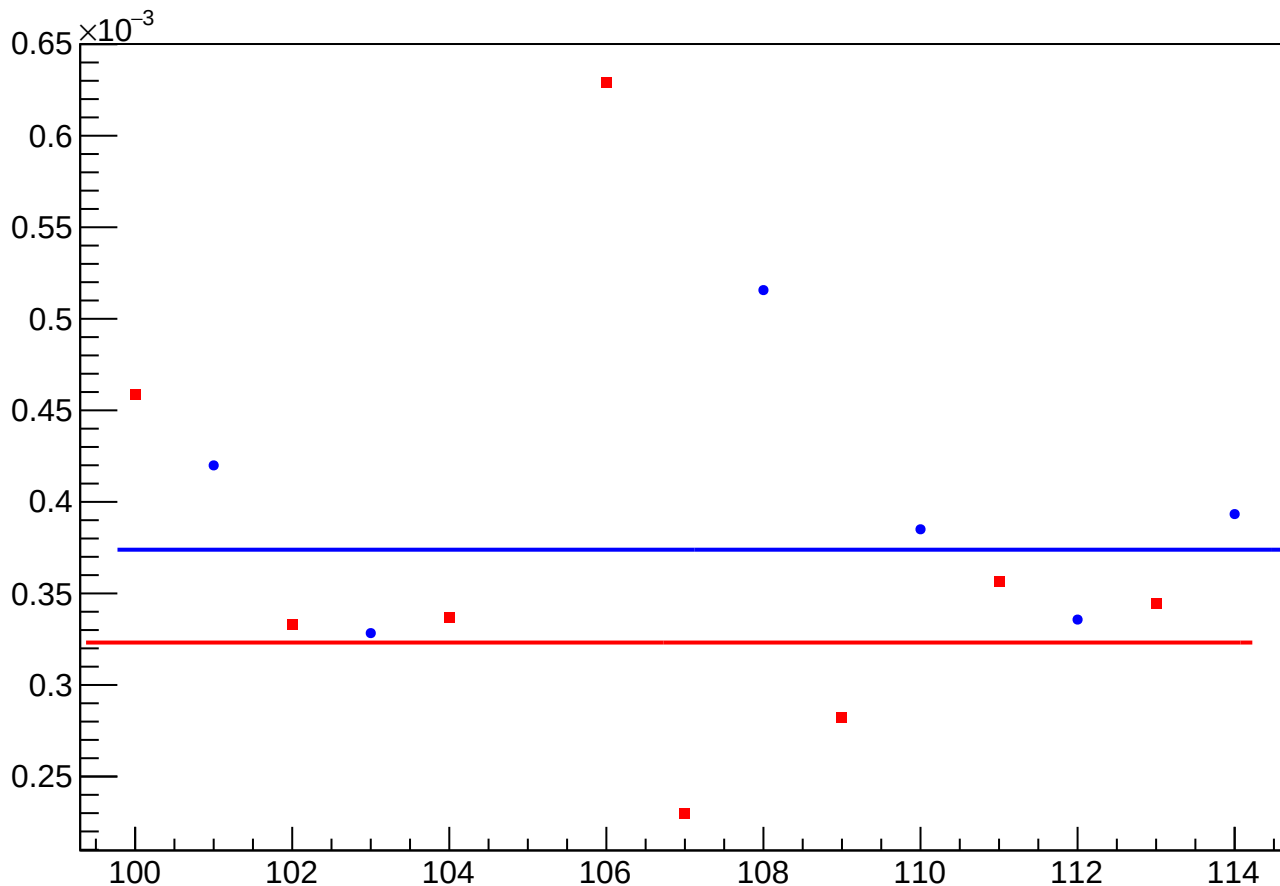
Right: -0.000+/-0.000 χ^2/NDF : 13.4/13

In: -0.000+/-0.000 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.4/13

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 112789.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 274112.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

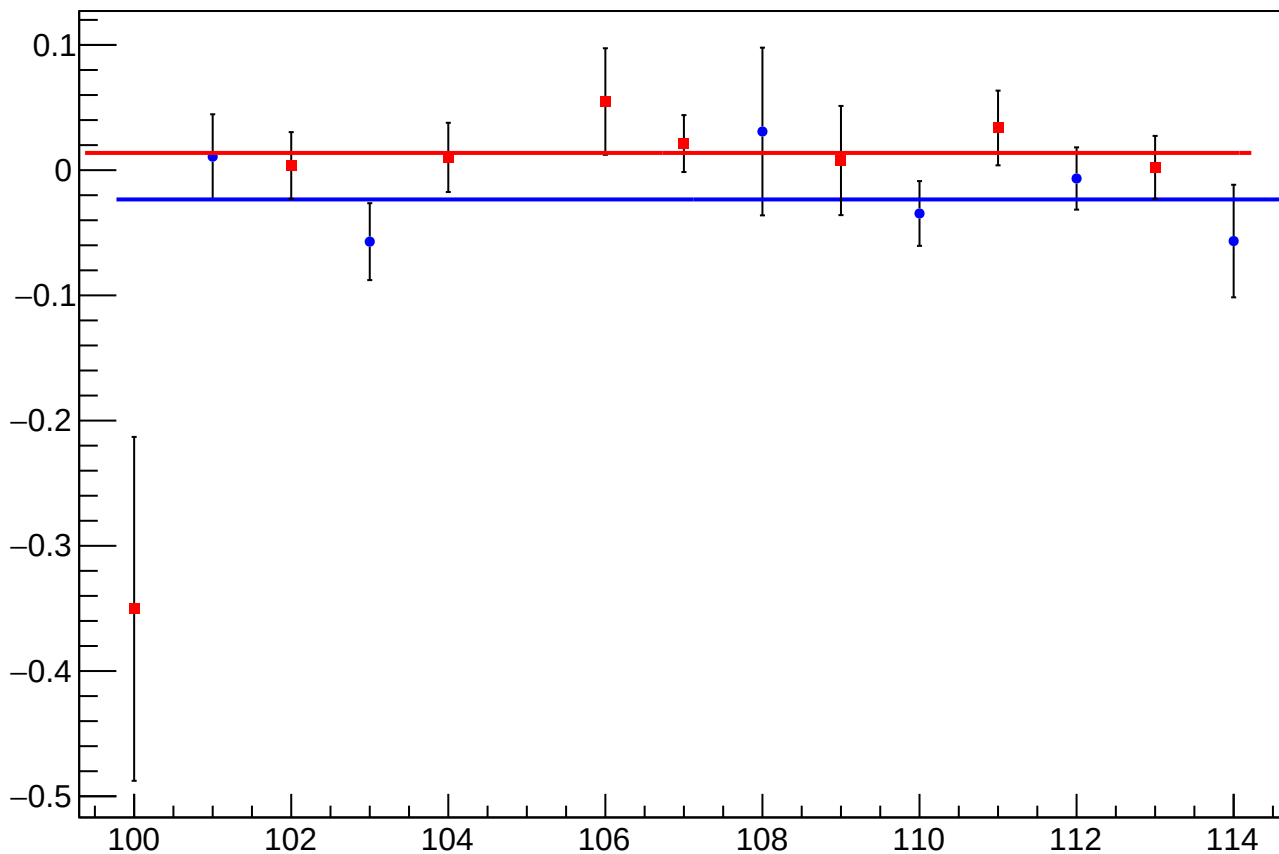
Right: 0.000+/-0.000 χ^2/NDF : 444520.5/13

In: 0.000+/-0.000 χ^2/NDF : 112789.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 444520.5/13

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

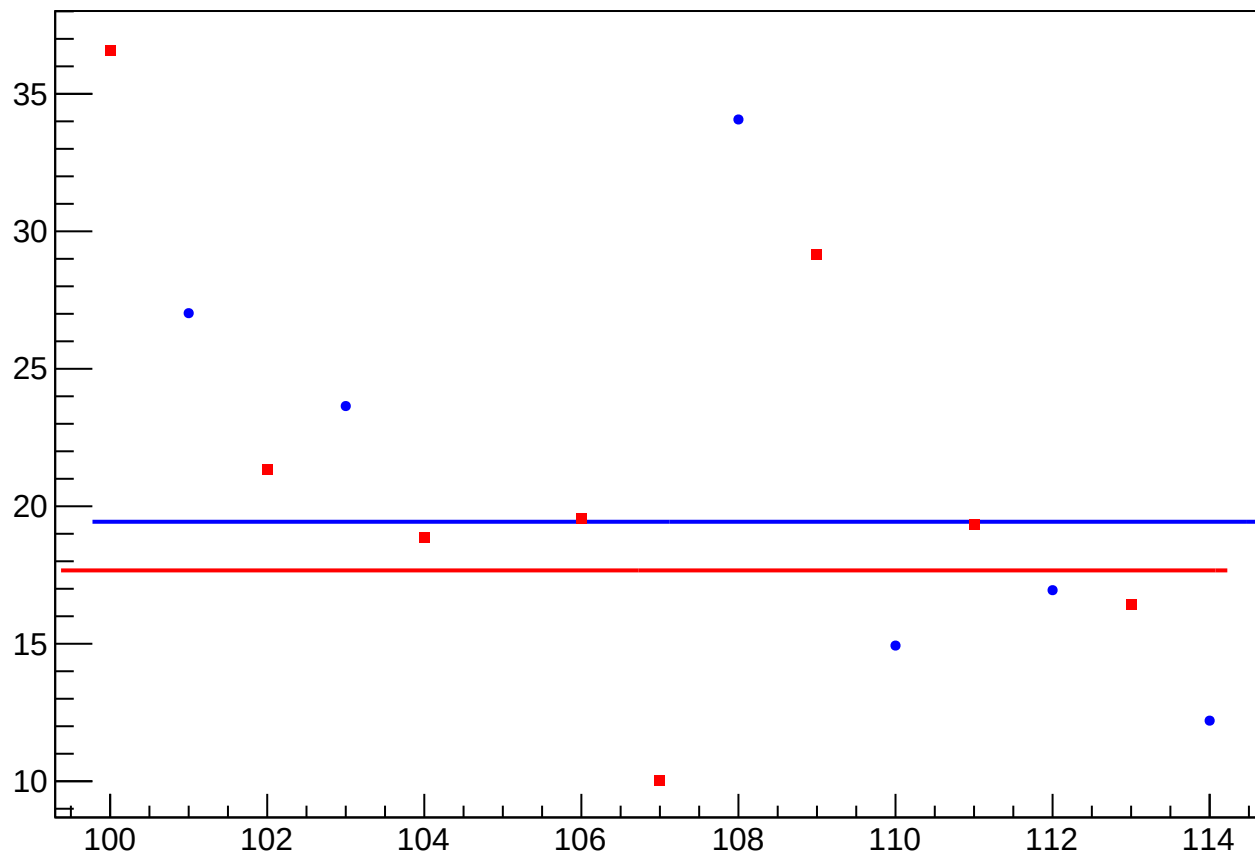
Right: -0.001 ± 0.008 χ^2/NDF : 17.7/13

In: -0.023 ± 0.013 χ^2/NDF : 4.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.008 χ^2/NDF : 17.7/13

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

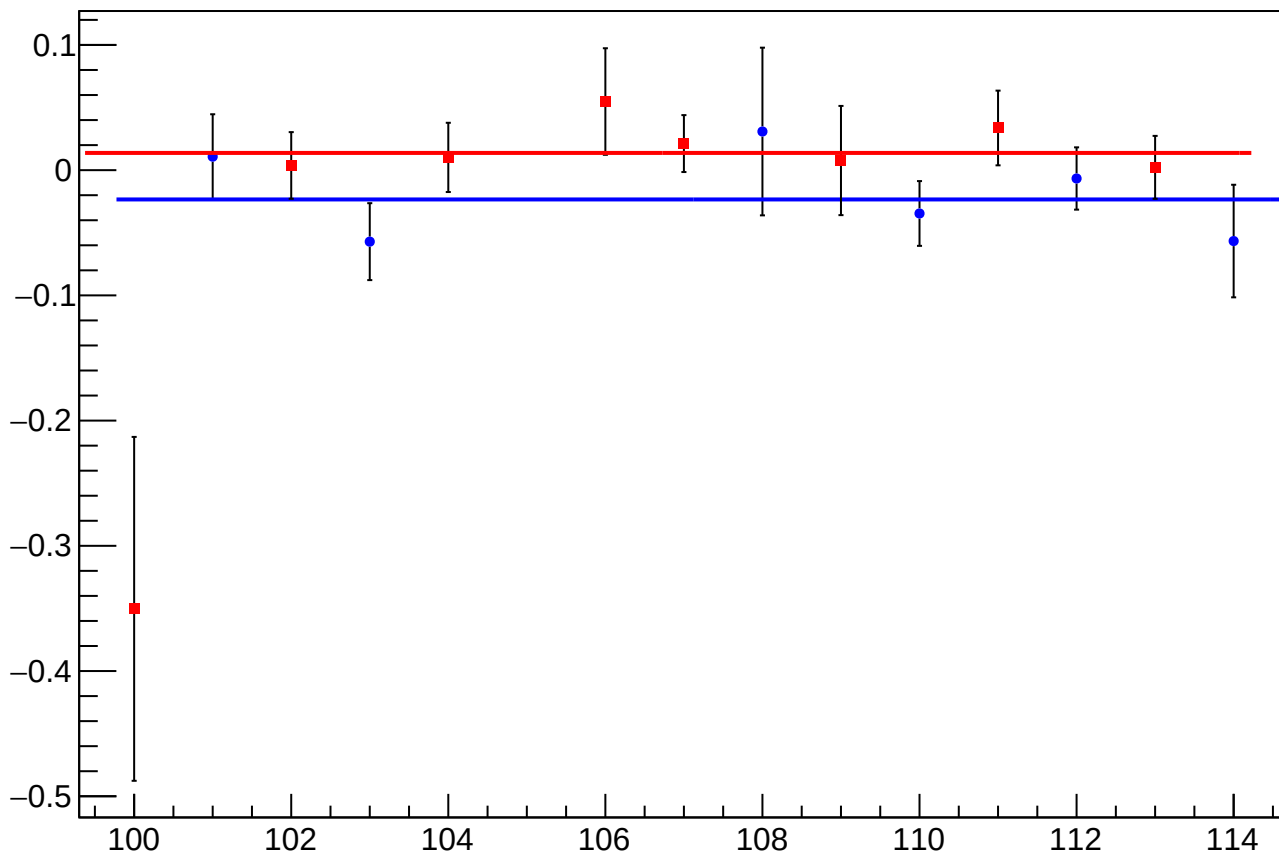
Right: 18.383+/-0.006 χ^2/NDF : 847244.9/13

In: 19.437+/-0.009 χ^2/NDF : 365748.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.383+/-0.006 χ^2/NDF : 847244.9/13

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

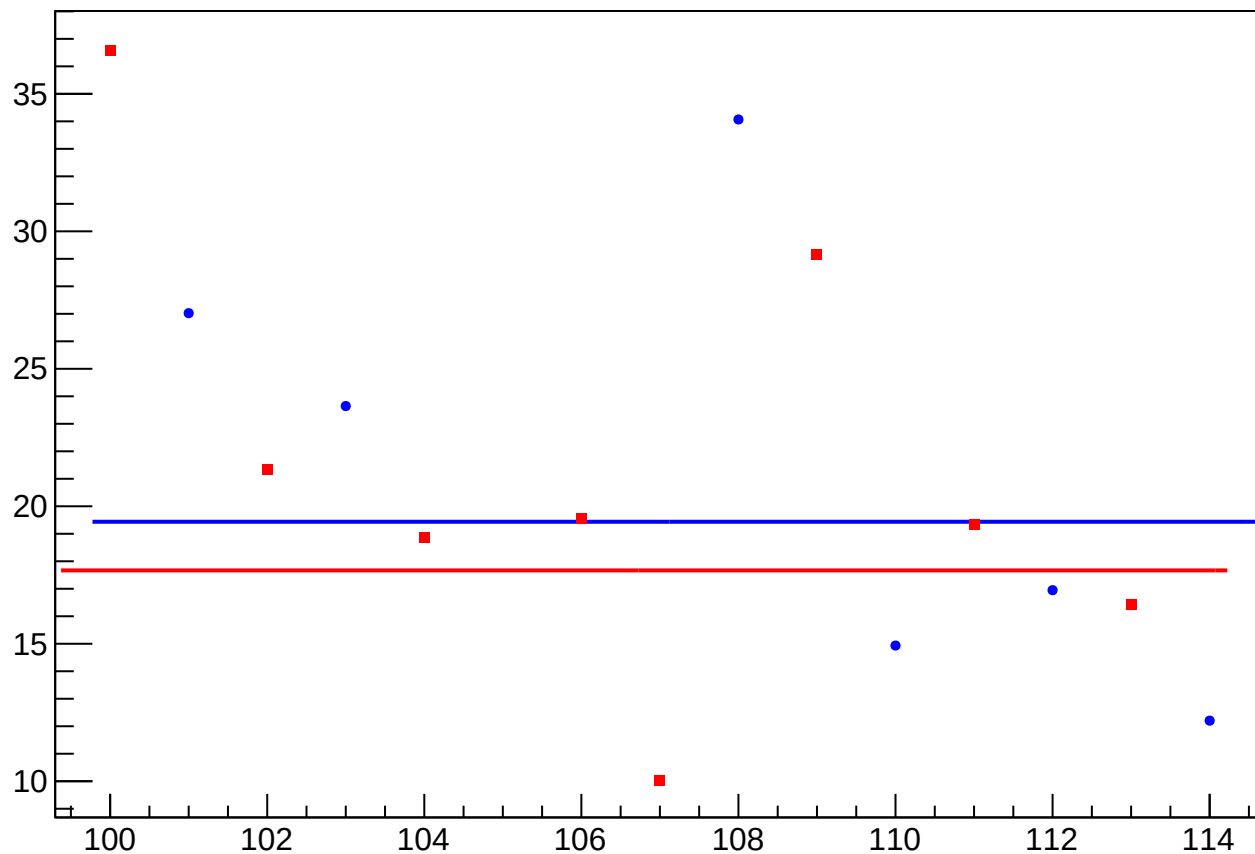
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 17.7/13

In: -0.023 $\pm$ 0.013 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 17.7/13

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

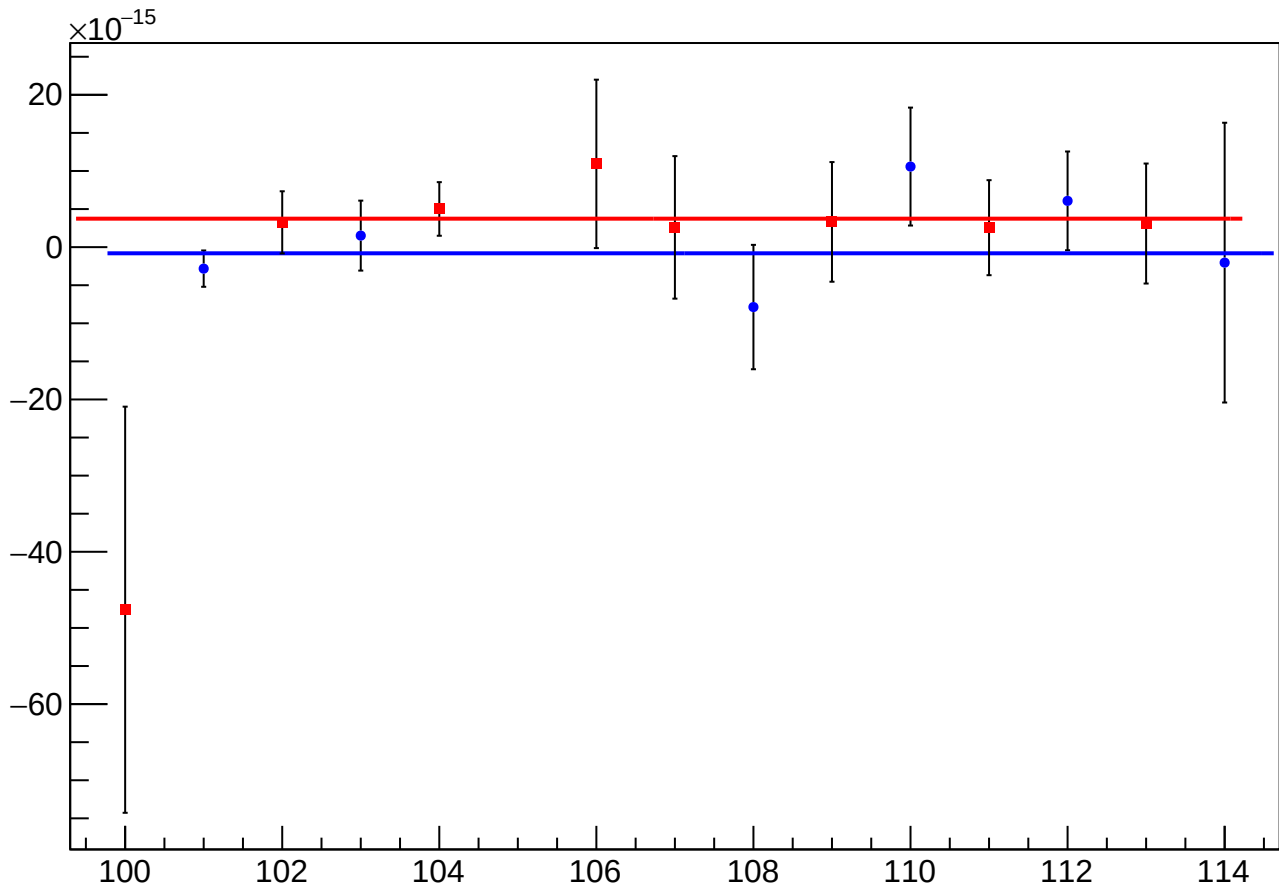
Right: 18.383+/-0.006 χ^2/NDF : 847244.9/13

In: 19.437+/-0.009 χ^2/NDF : 365748.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.383+/-0.006 χ^2/NDF : 847244.9/13

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

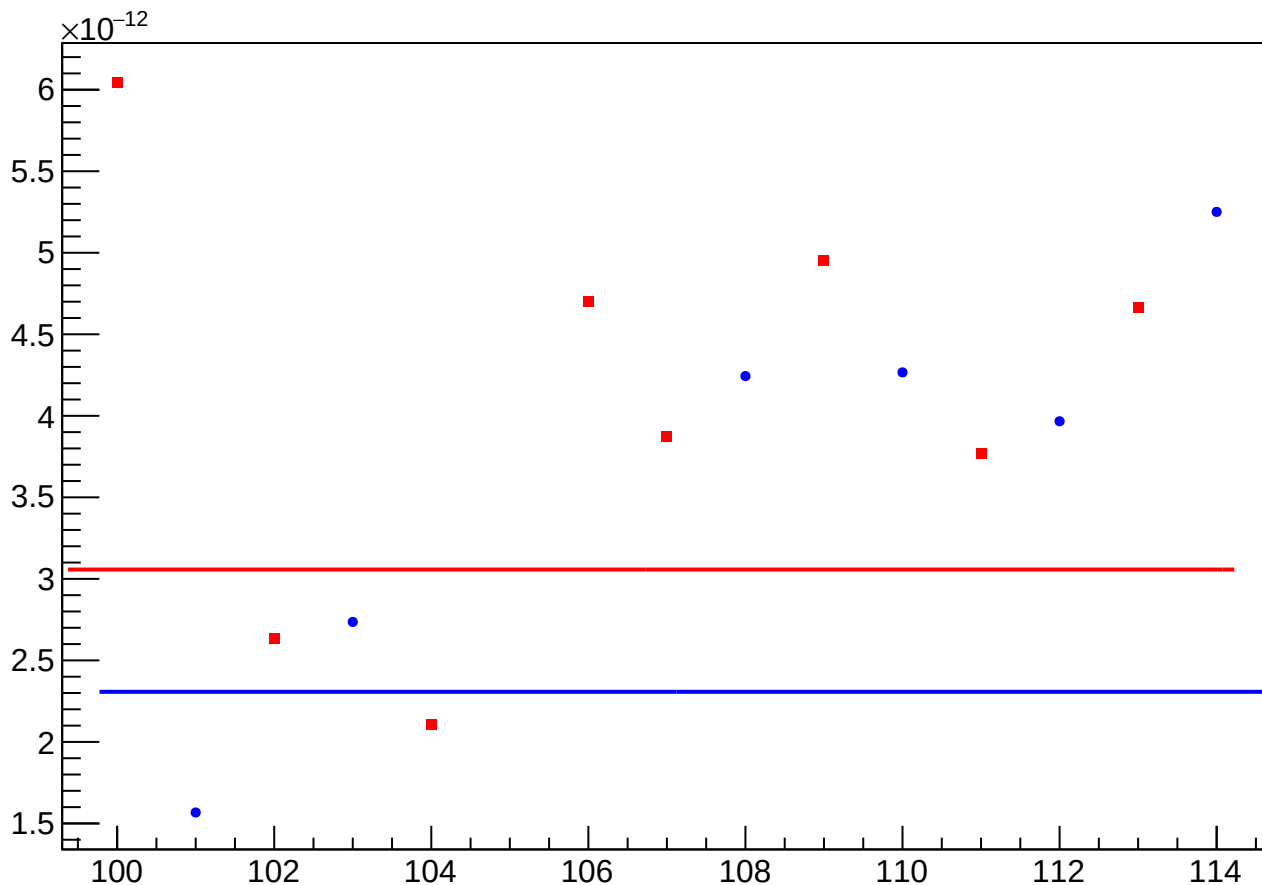
Right: 0.000+/-0.000 χ^2 /NDF: 11.9/13

In: -0.000+/-0.000 χ^2 /NDF:5.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.9/13

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

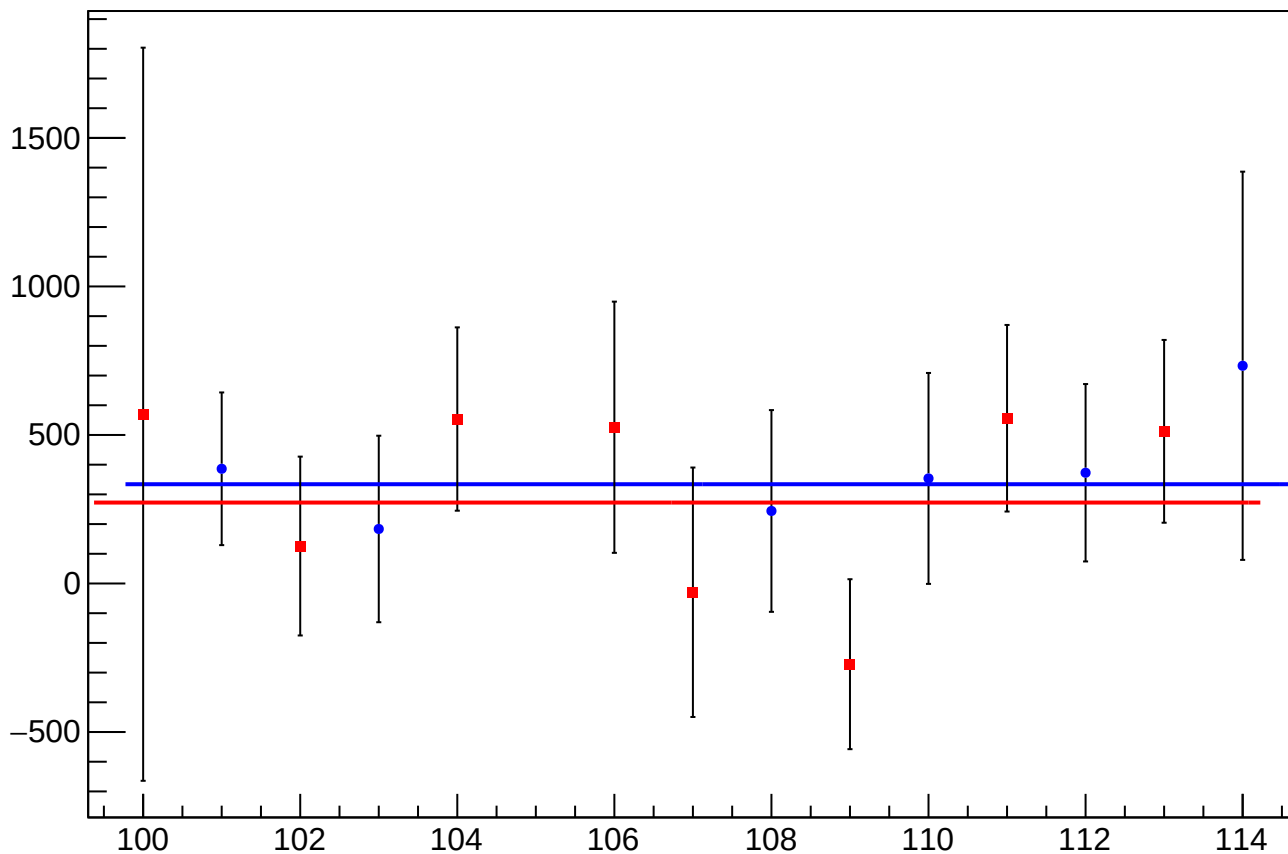
Right: 0.000+/-0.000 χ^2/NDF : 1248129.1/13

In: 0.000+/-0.000 χ^2/NDF : 633041.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1248129.1/13

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

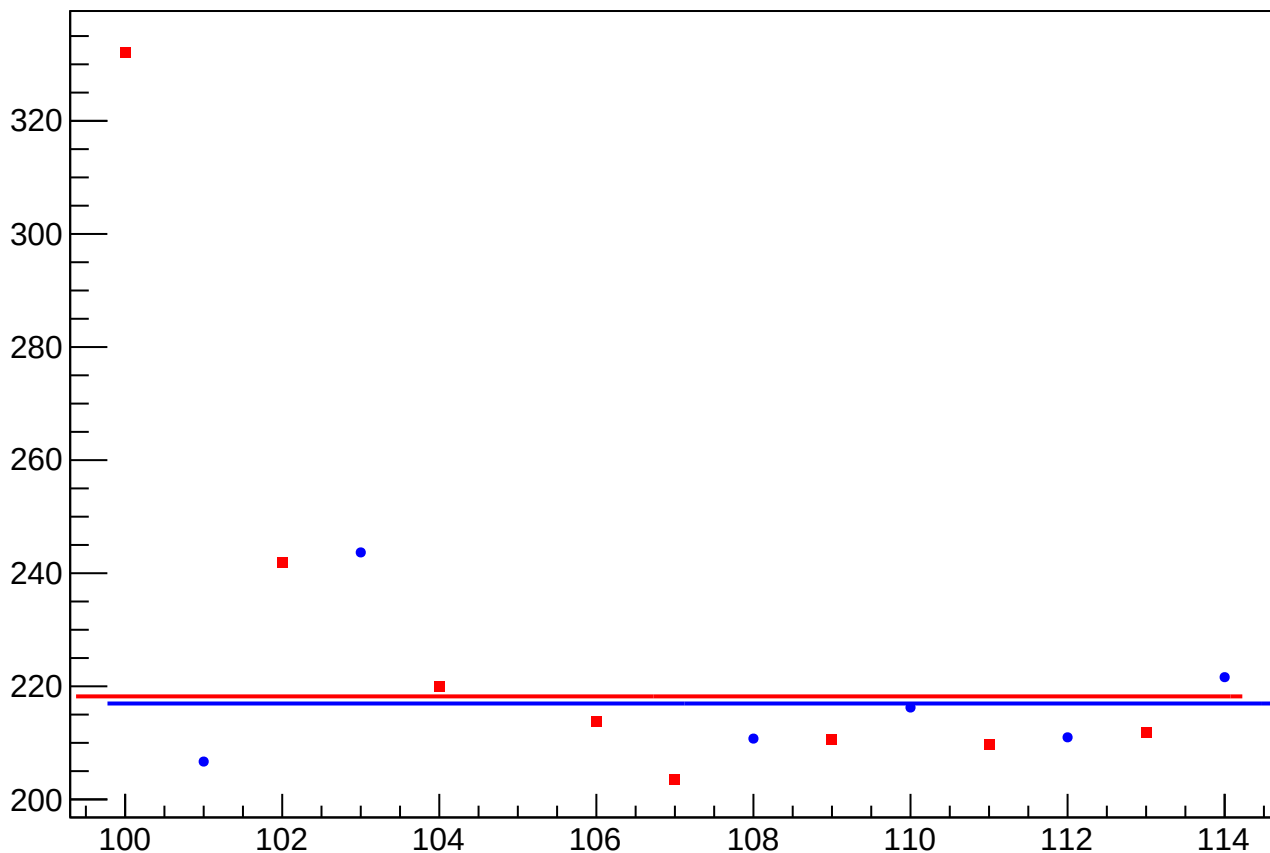
Right: 300.543+/-90.601 χ^2/NDF : 7.9/13

In: 334.176+/-134.296 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.543+/-90.601 χ^2/NDF : 7.9/13

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

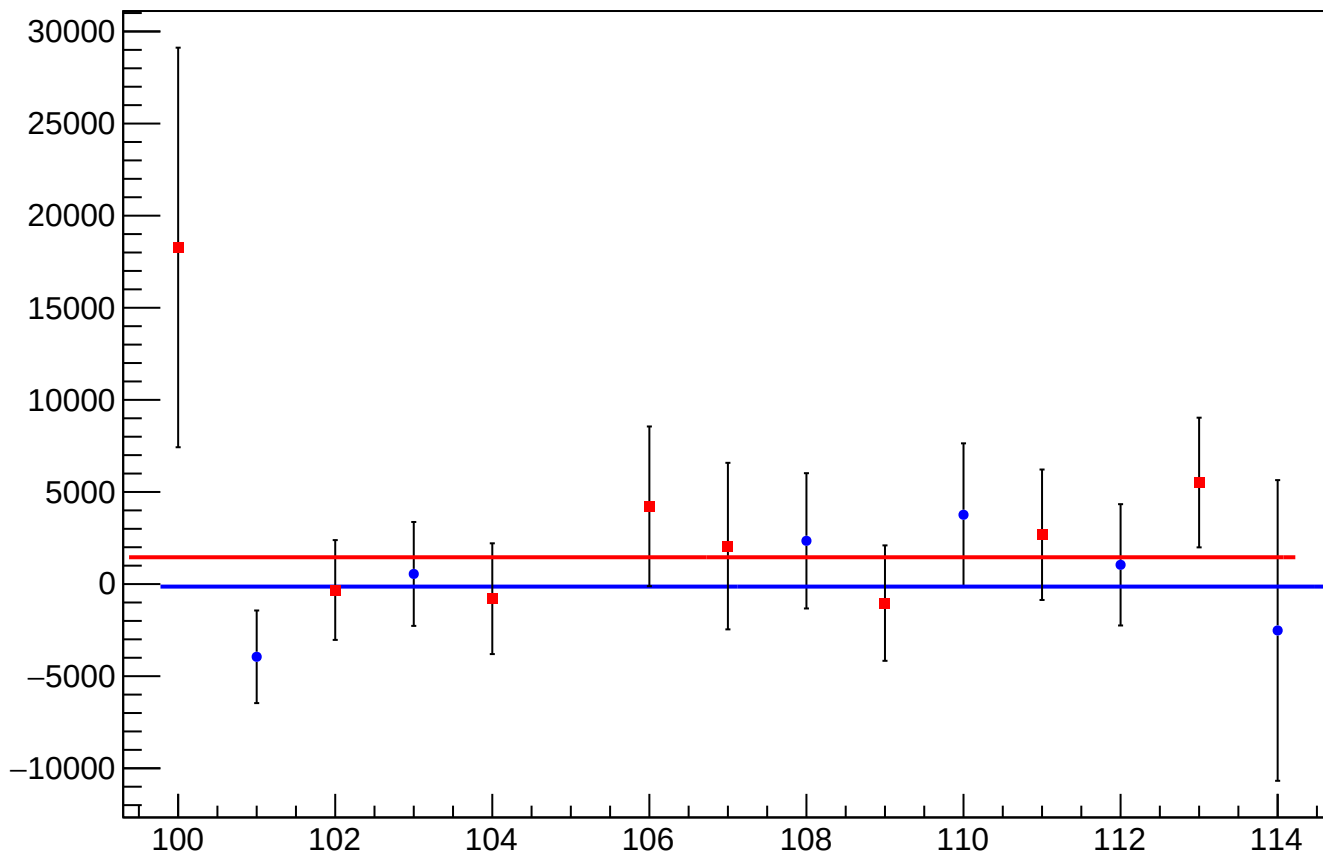
Right: 217.646 $\pm$ 0.064 χ^2 /NDF: 55131.9/13

In: 216.960 $\pm$ 0.095 χ^2 /NDF:19259.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.646 $\pm$ 0.064 χ^2 /NDF: 55131.9/13

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

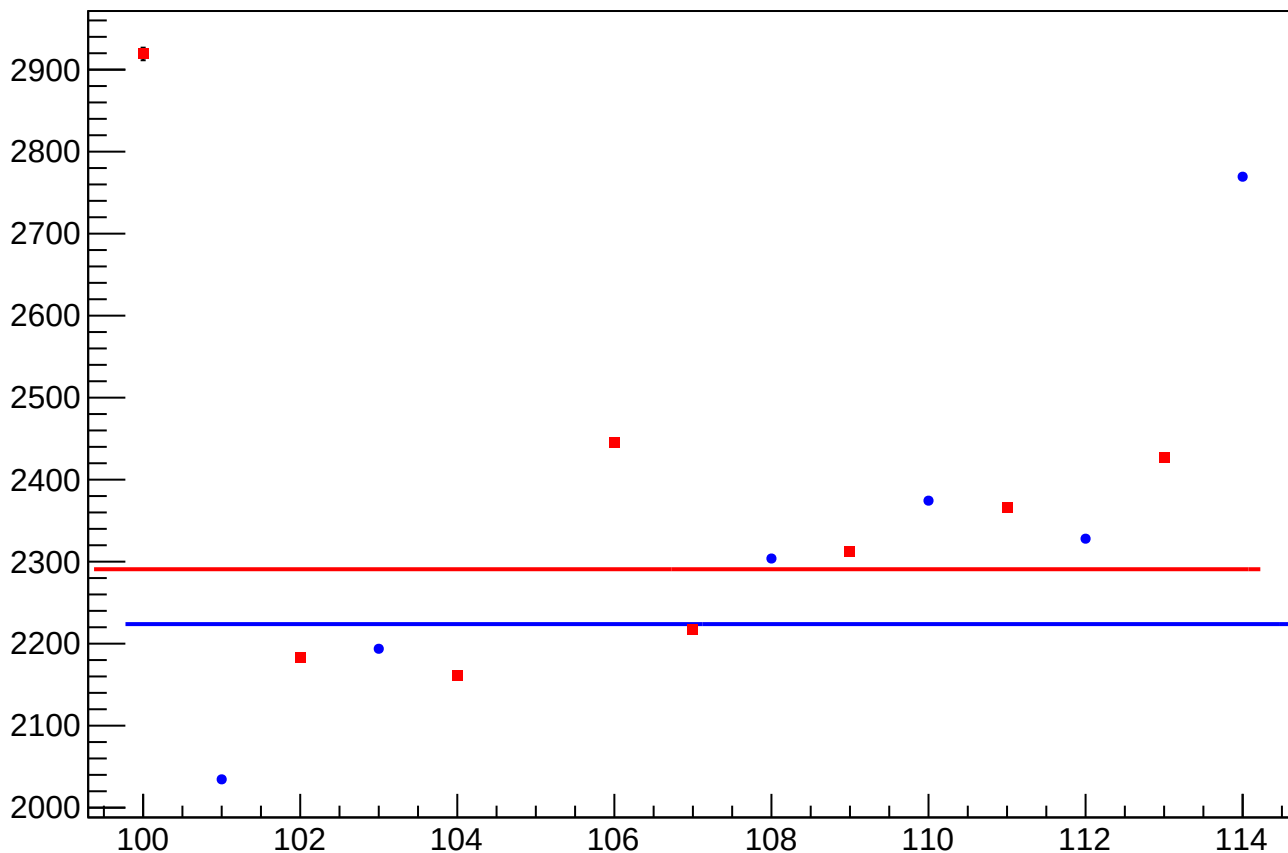
Right: 720.579+/-931.826 χ^2/NDF : 10.7/13

In: -136.688+/-1371.279 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 720.579+/-931.826 χ^2/NDF : 10.7/13

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

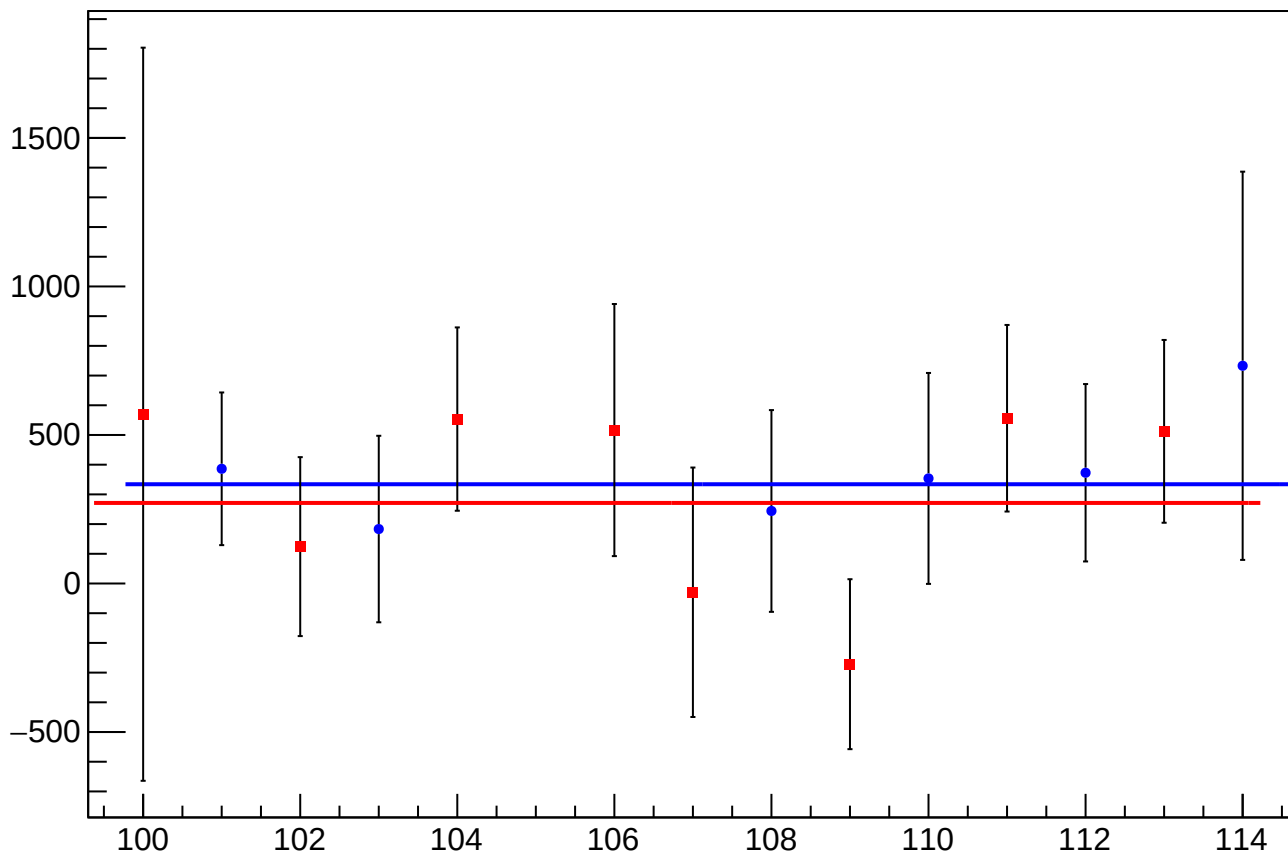
Right: 2259.861+/-0.659 χ^2/NDF : 49669.0/13

In: 2223.843+/-0.970 χ^2/NDF : 26468.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.861+/-0.659 χ^2/NDF : 49669.0/13

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 334.146+/-134.296 χ^2/NDF : 0.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.209+/-122.787 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

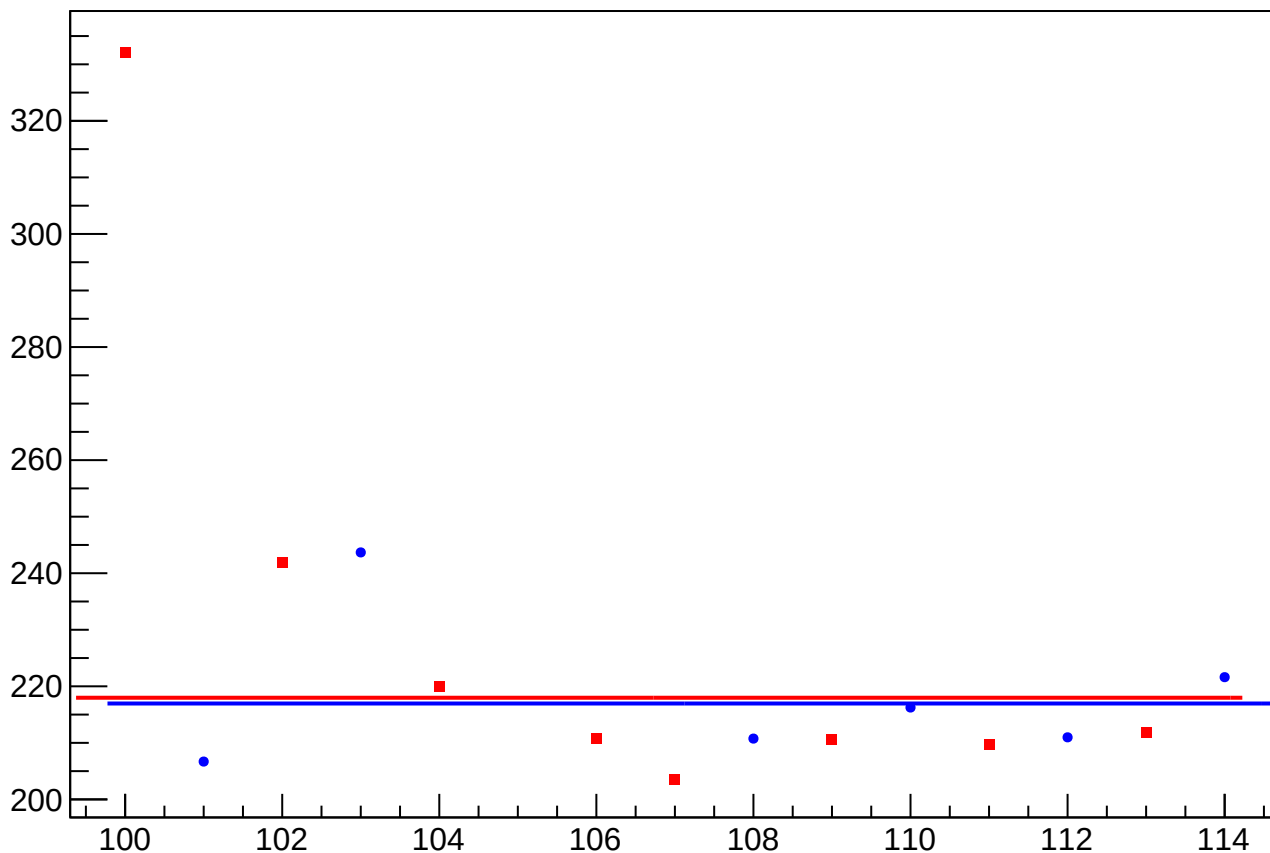
Right: 299.866+/-90.620 χ^2/NDF : 7.9/13

In: 334.146+/-134.296 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.866+/-90.620 χ^2/NDF : 7.9/13

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

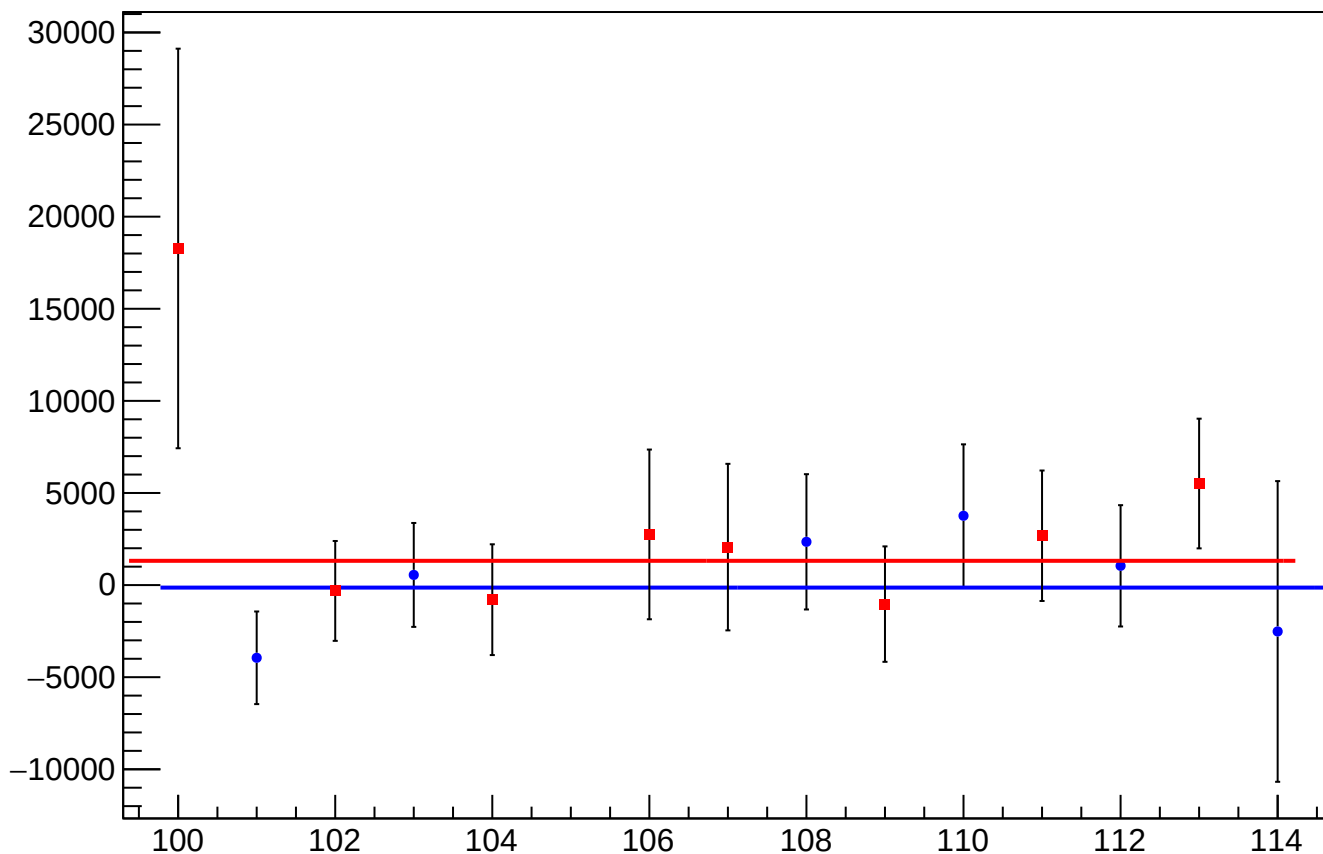
Right: 217.515 $\pm$ 0.064 χ^2 /NDF: 55625.8/13

In: 216.960 $\pm$ 0.095 χ^2 /NDF:19260.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.515 $\pm$ 0.064 χ^2 /NDF: 55625.8/13

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

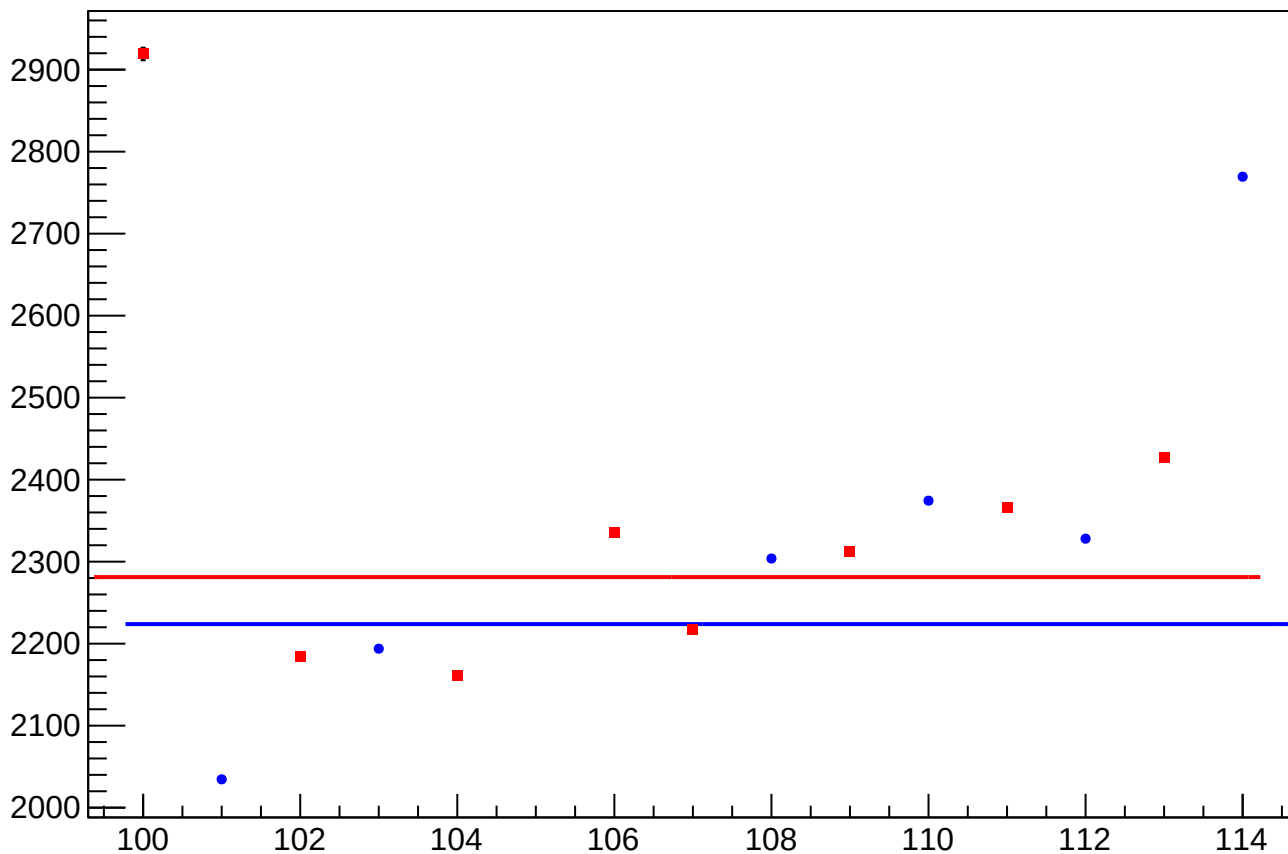
Right: 642.334 ± 934.387 χ^2/NDF : 10.2/13

In: -136.420 ± 1371.297 χ^2/NDF : 4.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 642.334 ± 934.387 χ^2/NDF : 10.2/13

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

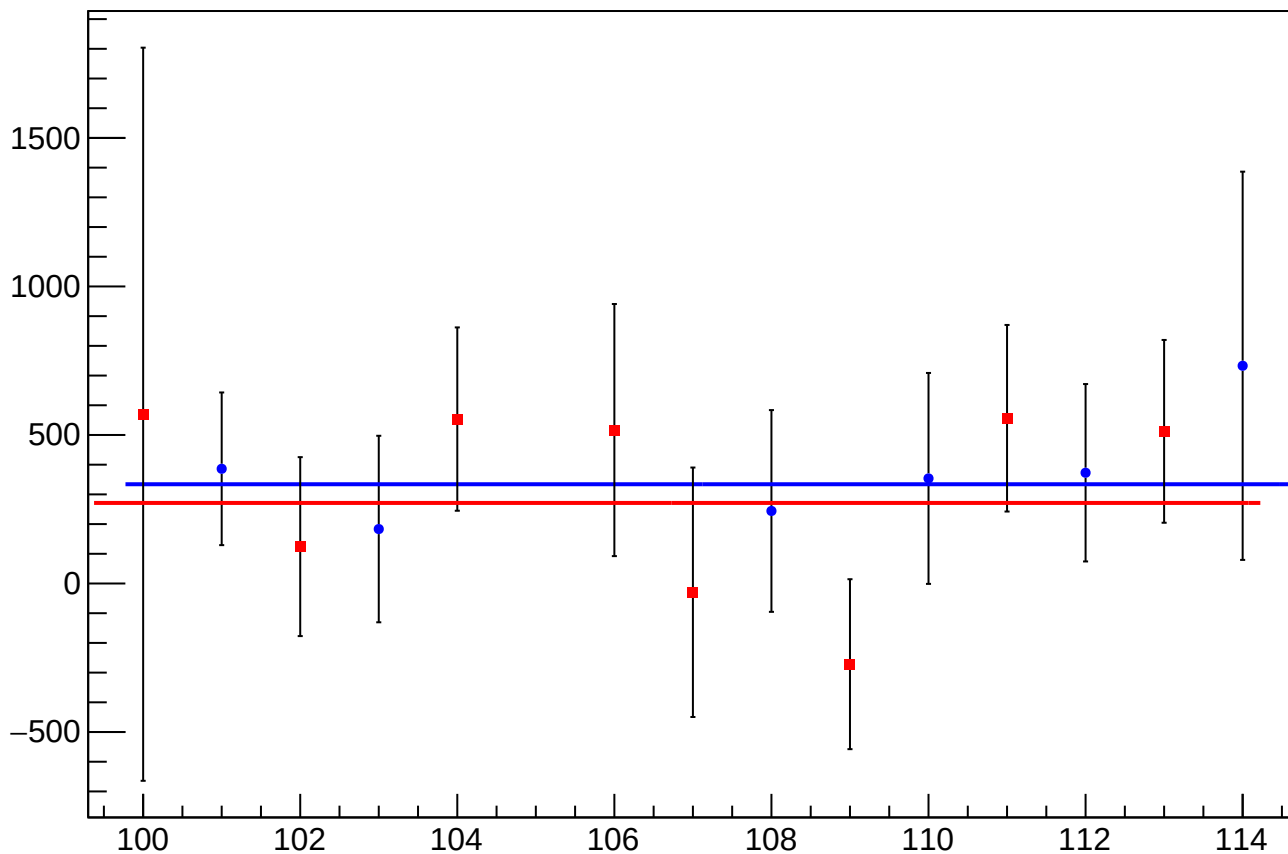
Right: 2254.572+/-0.661 χ^2/NDF : 46432.0/13

In: 2223.872+/-0.970 χ^2/NDF : 26466.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.572+/-0.661 χ^2/NDF : 46432.0/13

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

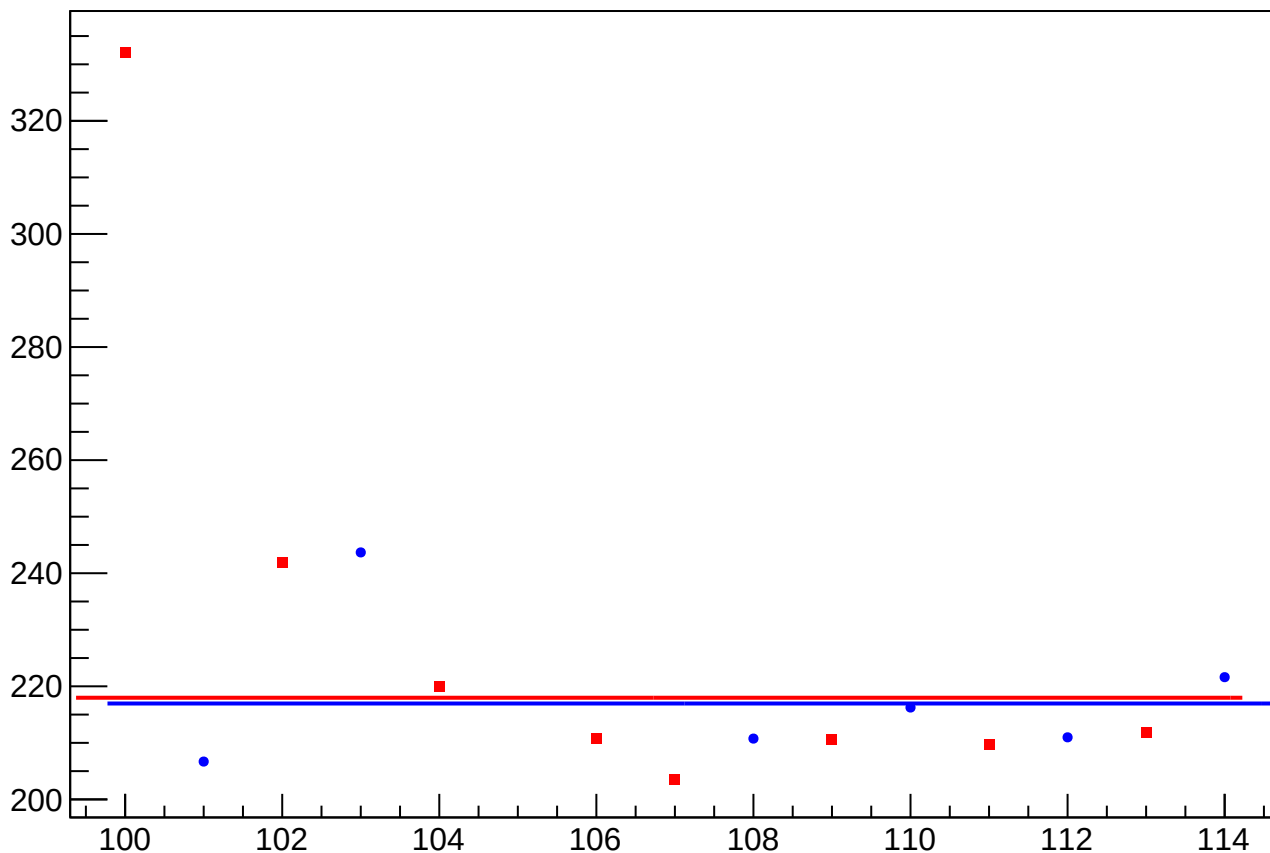
Right: 299.866 $\pm$ 90.620 χ^2 /NDF: 7.9/13

In: 334.146 $\pm$ 134.296 χ^2 /NDF:0.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.866 $\pm$ 90.620 χ^2 /NDF: 7.9/13

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

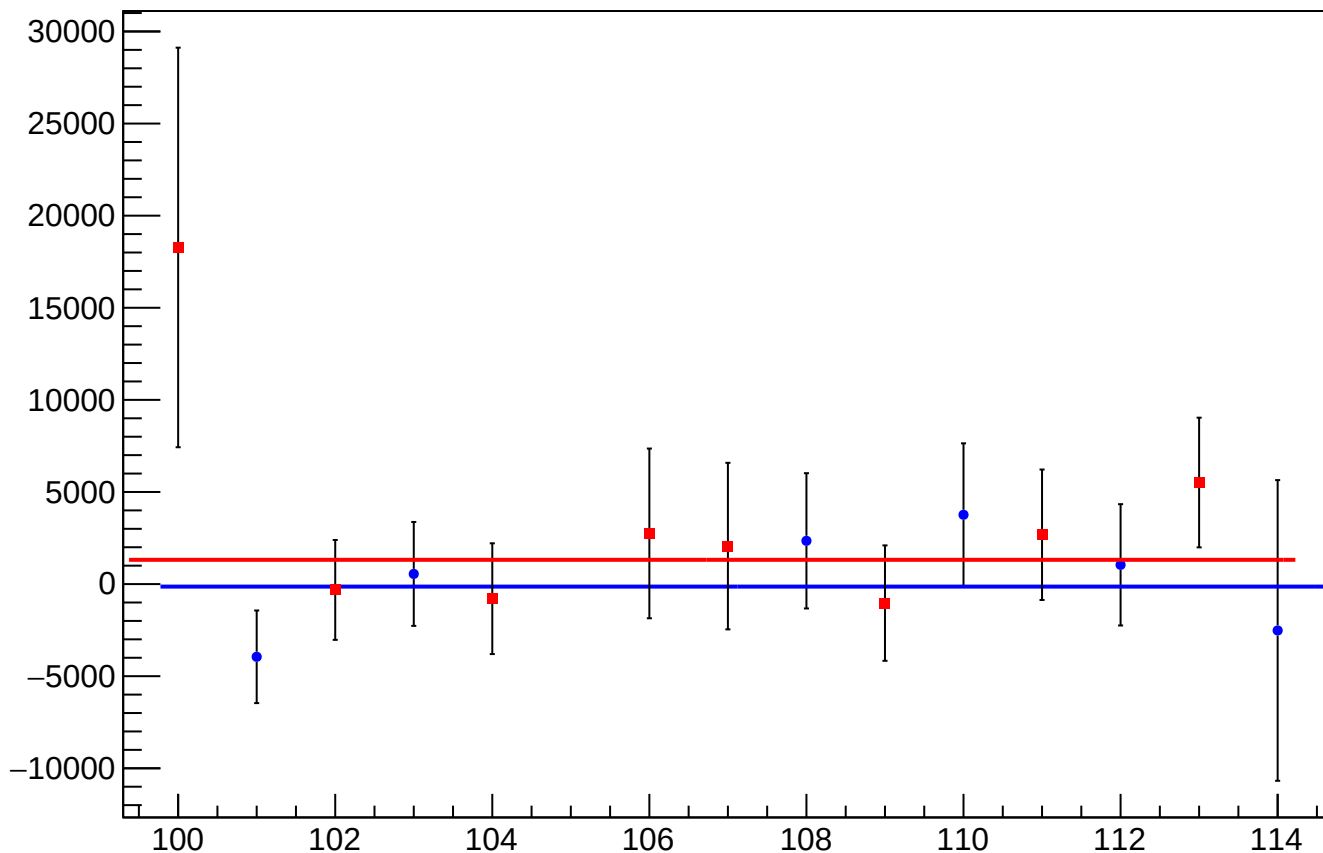
Right: 217.515 $\pm$ 0.064 χ^2 /NDF: 55625.8/13

In: 216.960 $\pm$ 0.095 χ^2 /NDF:19260.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.515 $\pm$ 0.064 χ^2 /NDF: 55625.8/13

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

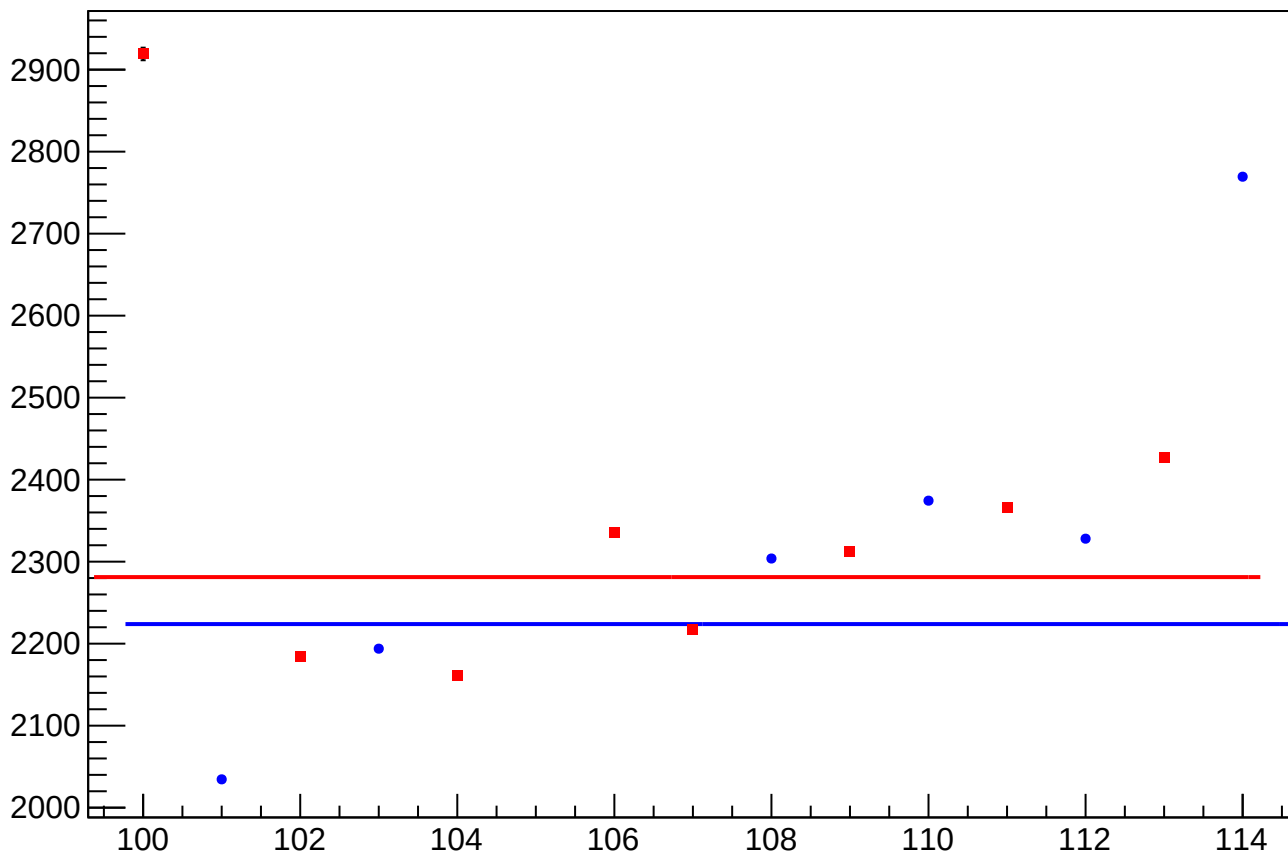
Right: 642.334+/-934.387 χ^2/NDF : 10.2/13

In: -136.420+/-1371.297 χ^2/NDF :4.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 642.334+/-934.387 χ^2/NDF : 10.2/13

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

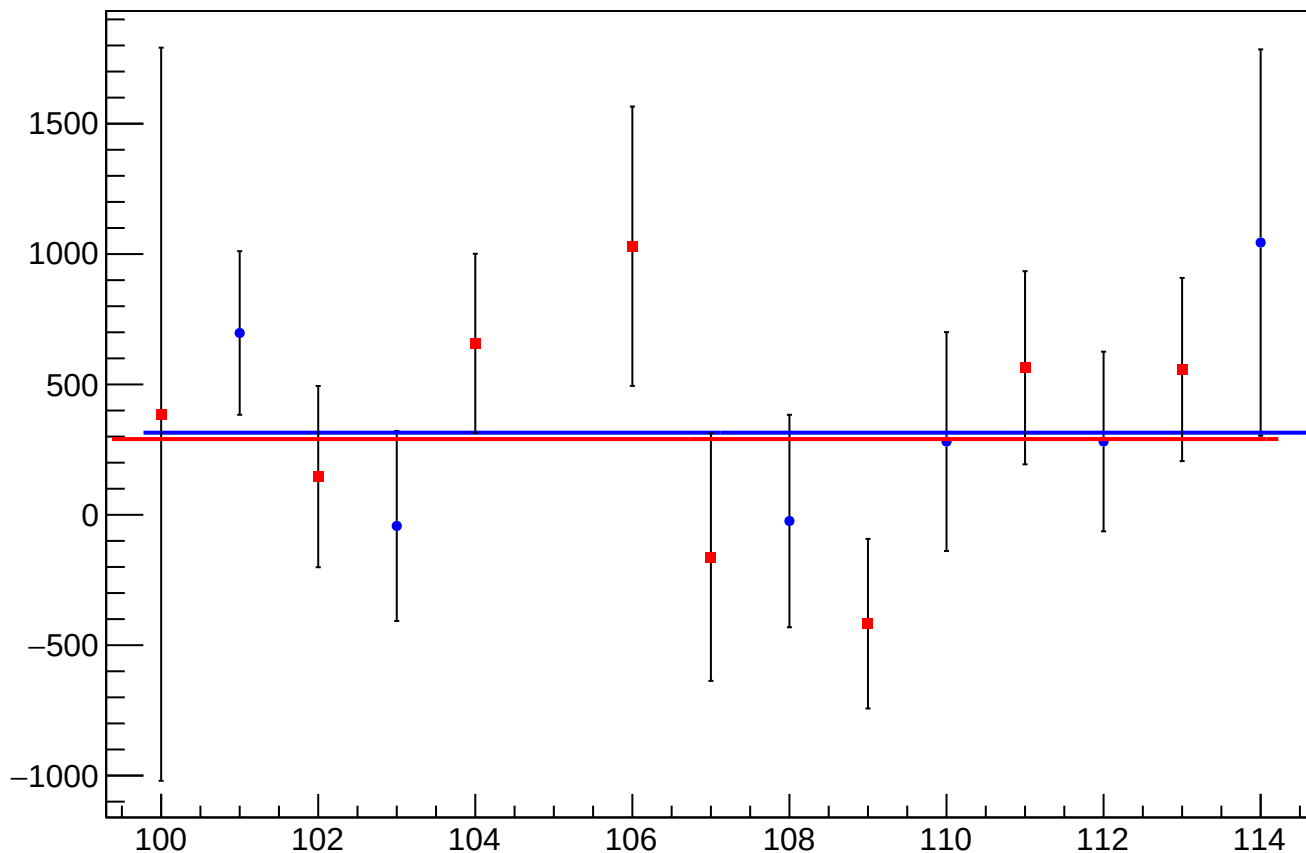
Right: 2254.572 $\pm$ 0.661 χ^2 /NDF: 46432.0/13

In: 2223.872 $\pm$ 0.970 χ^2 /NDF:26466.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2254.572 $\pm$ 0.661 χ^2 /NDF: 46432.0/13

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 314.983+/-158.841 χ^2/NDF : 4.1/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 290.581+/-141.374 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

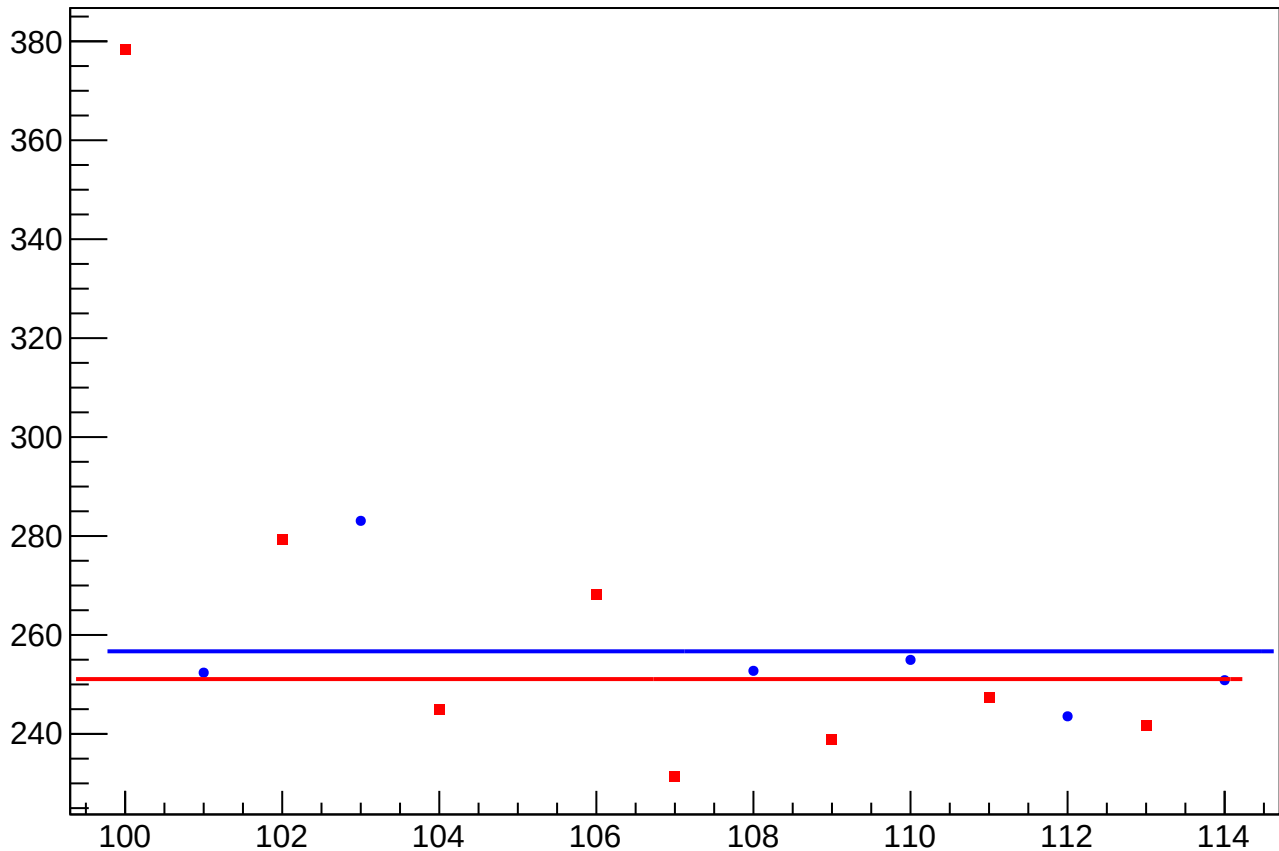
Right: 301.367+/-105.604 χ^2/NDF : 14.1/13

In: 314.983+/-158.841 χ^2/NDF :4.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 301.367+/-105.604 χ^2/NDF : 14.1/13

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

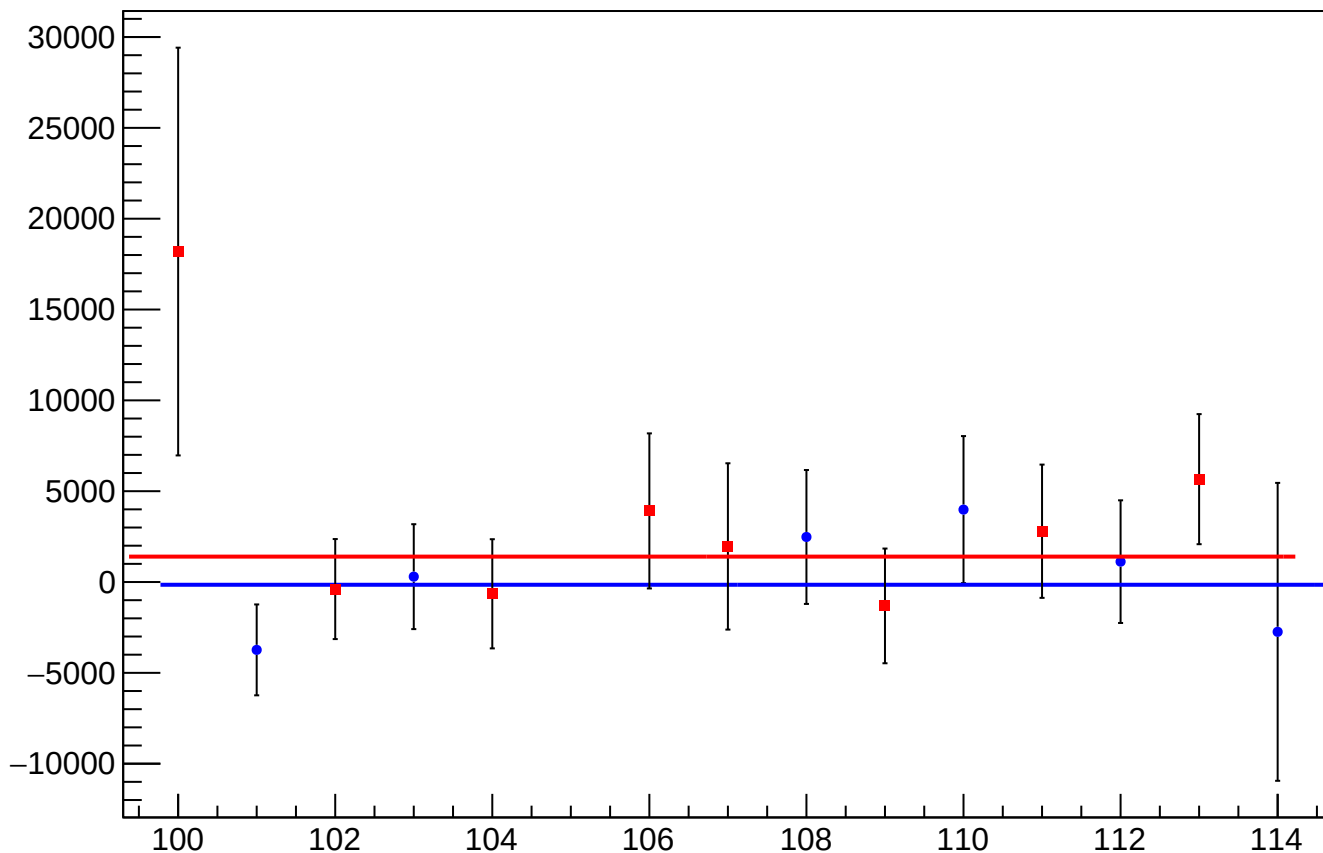
Right: 253.564 $\pm$ 0.075 χ^2 /NDF: 55587.3/13

In: 256.696 $\pm$ 0.112 χ^2 /NDF:14110.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.564 $\pm$ 0.075 χ^2 /NDF: 55587.3/13

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

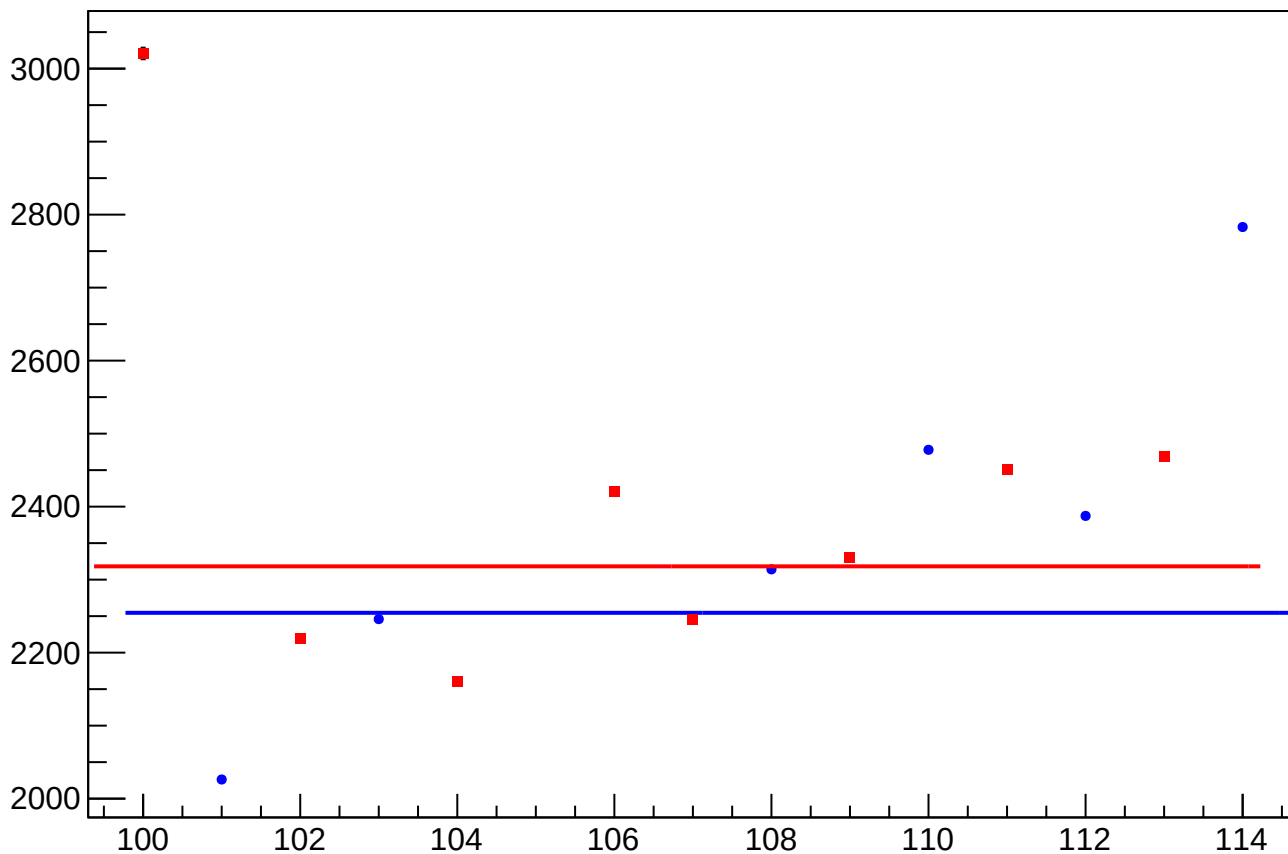
Right: 685.308+/-943.702 χ^2/NDF : 10.3/13

In: -150.983+/-1390.785 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.308+/-943.702 χ^2/NDF : 10.3/13

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

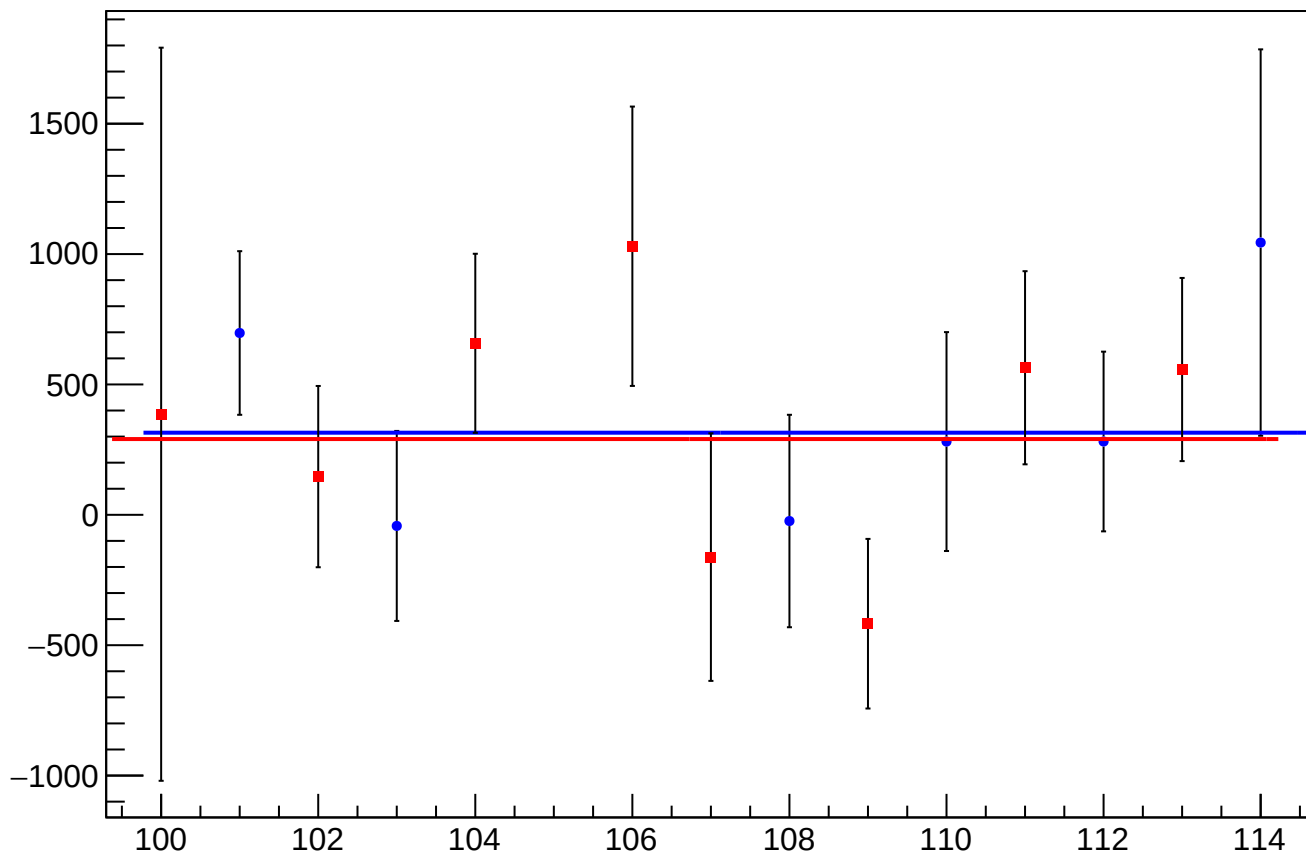
Right: 2288.896+/-0.667 χ^2/NDF : 60782.7/13

In: 2254.553+/-0.983 χ^2/NDF : 34688.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2288.896+/-0.667 χ^2/NDF : 60782.7/13

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 314.973+/-158.840 χ^2/NDF : 4.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.577+/-141.373 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

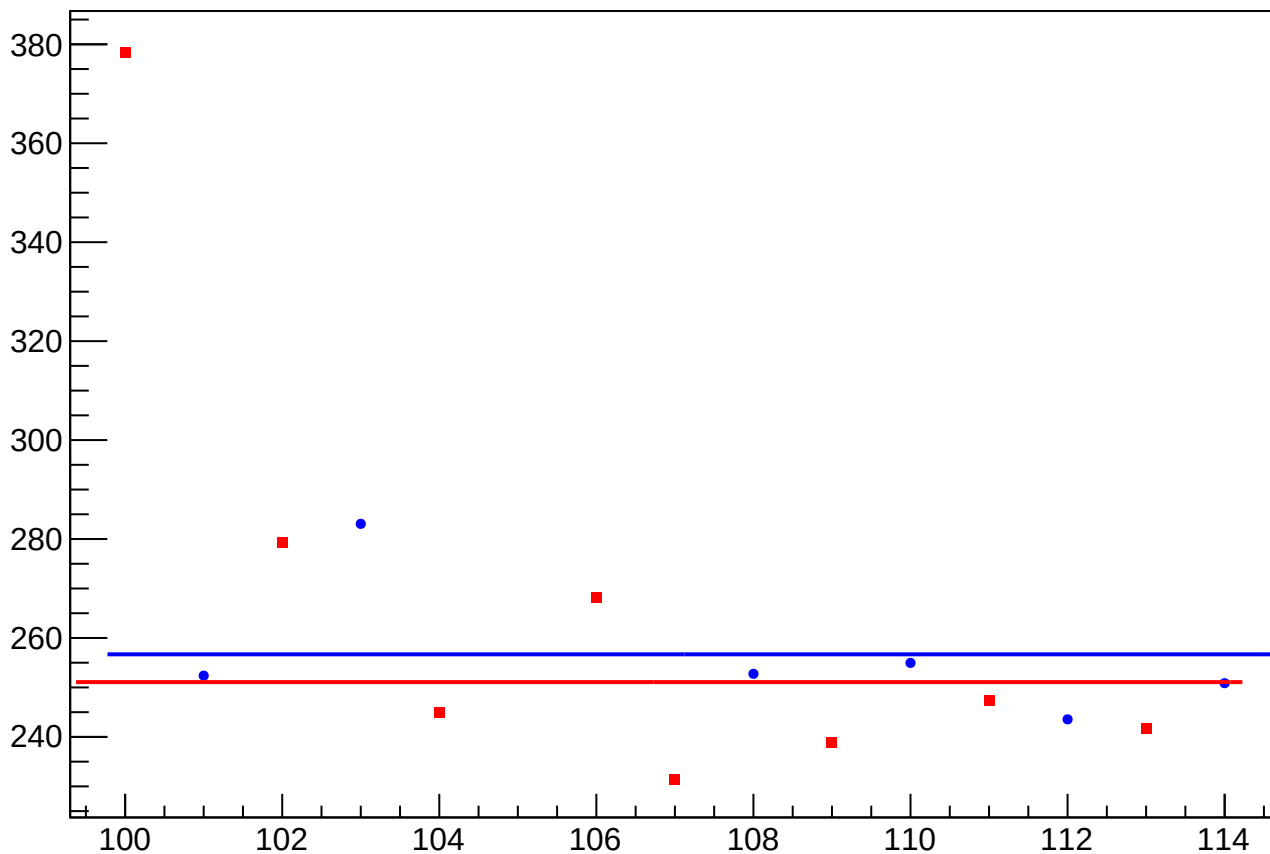
Right: 301.360+/-105.603 χ^2/NDF : 14.1/13

In: 314.973+/-158.840 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.360+/-105.603 χ^2/NDF : 14.1/13

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

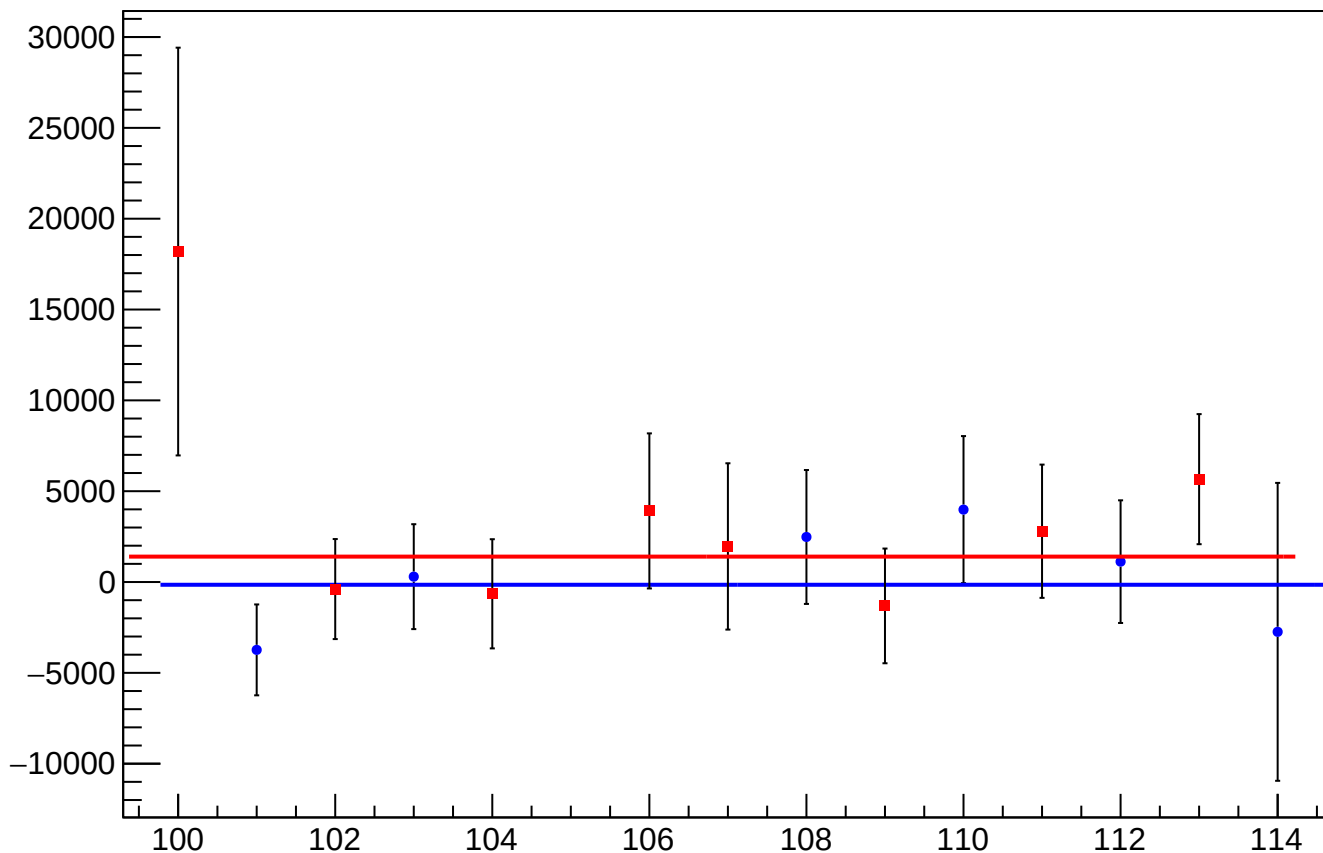
Right: 253.562 $\pm$ 0.075 χ^2 /NDF: 55588.4/13

In: 256.694 $\pm$ 0.112 χ^2 /NDF:14111.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.562 $\pm$ 0.075 χ^2 /NDF: 55588.4/13

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

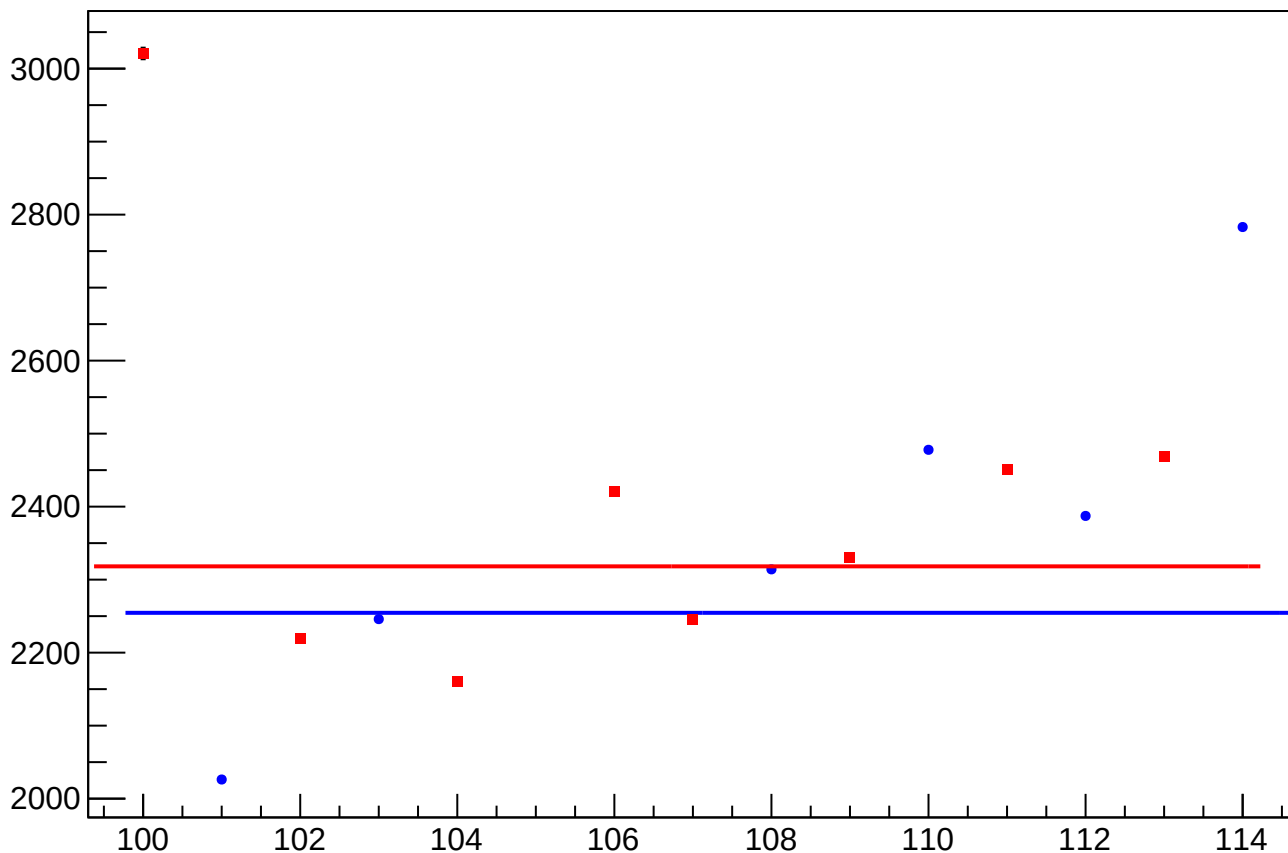
Right: 685.307 ± 943.698 χ^2/NDF : 10.3/13

In: -150.982 ± 1390.781 χ^2/NDF : 3.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 685.307 ± 943.698 χ^2/NDF : 10.3/13

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2254.546+/-0.983 χ^2/NDF : 34686.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.192+/-0.908 χ^2/NDF : 23834.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

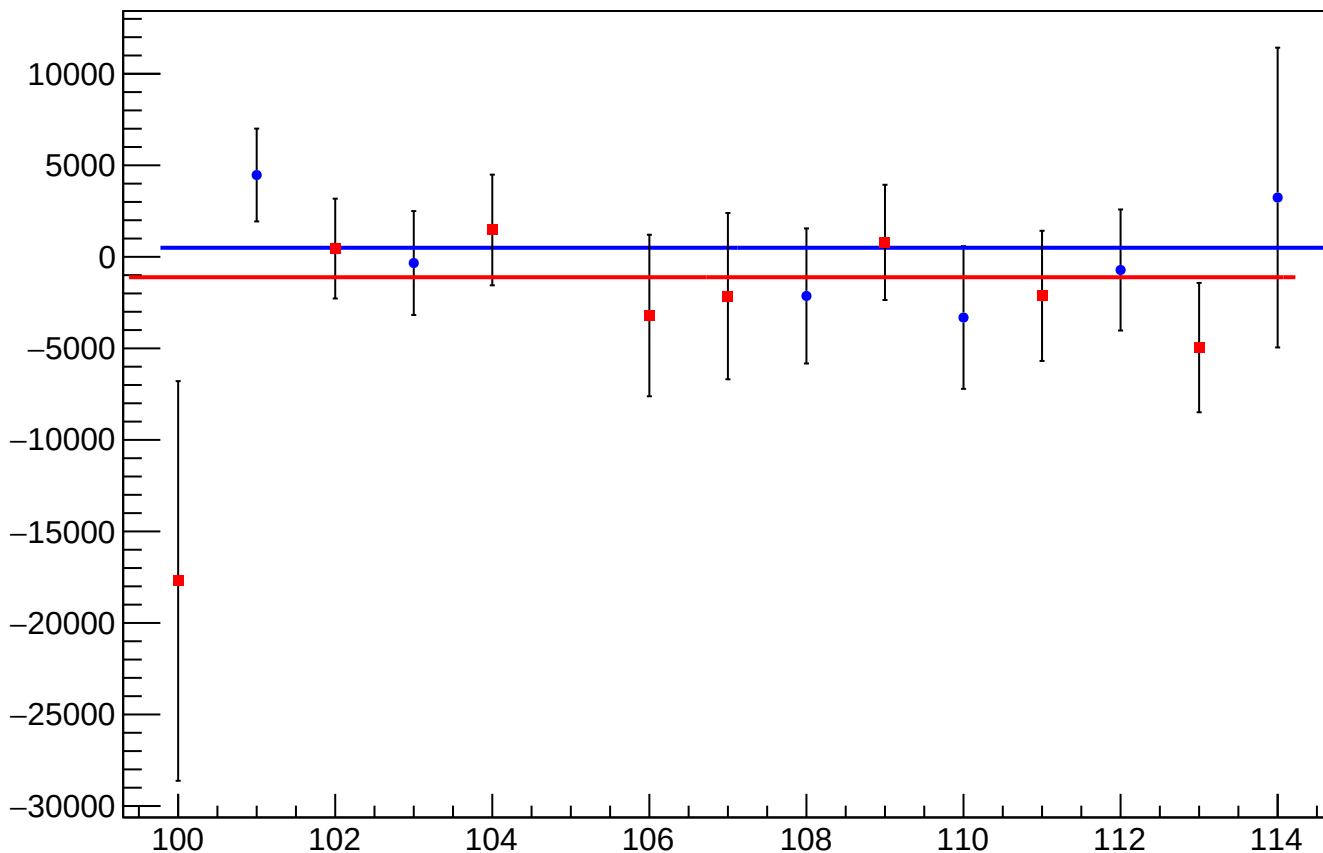
Right: 2288.889+/-0.667 χ^2/NDF : 60780.4/13

In: 2254.546+/-0.983 χ^2/NDF : 34686.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2288.889+/-0.667 χ^2/NDF : 60780.4/13

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 496.246+/-1379.567 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1113.338+/-1277.880 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

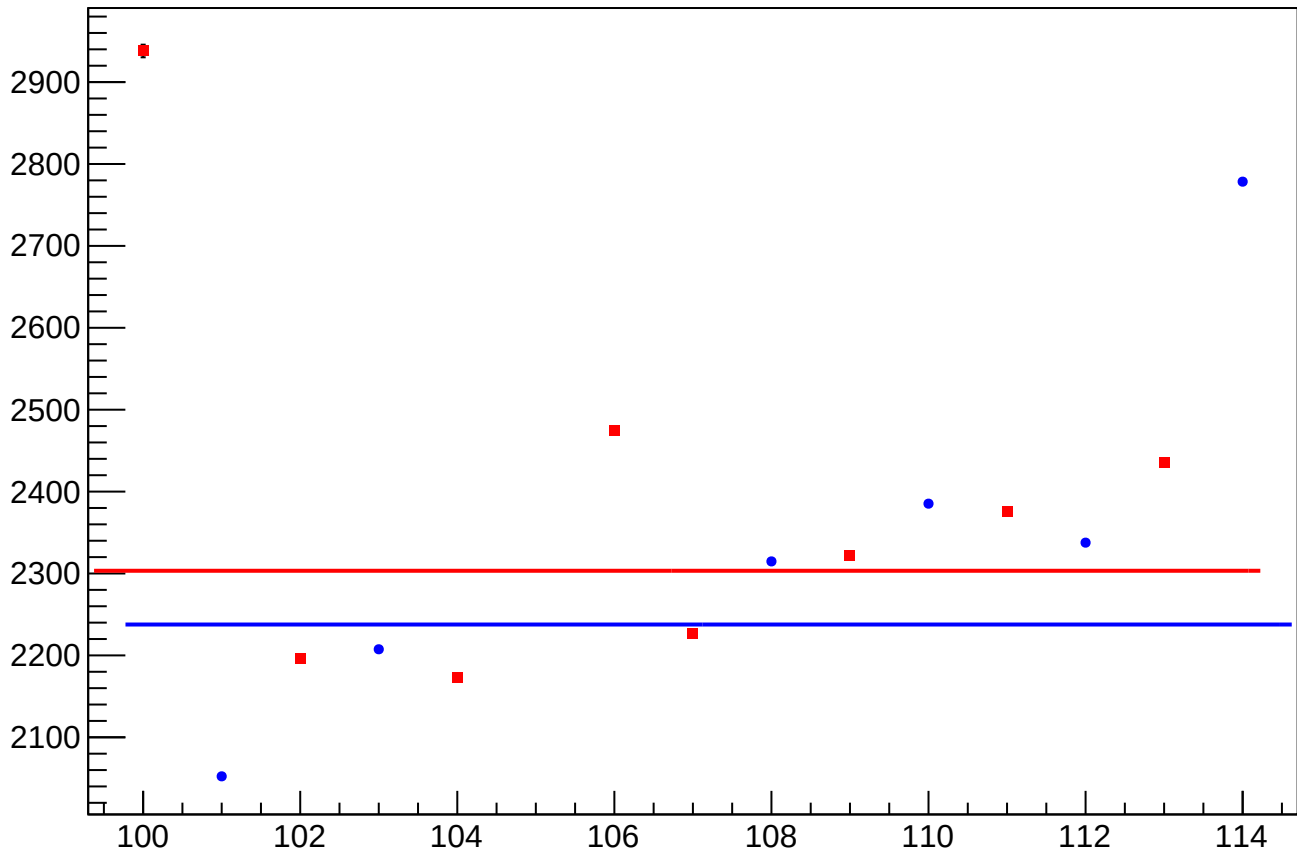
Right: -370.047+/-937.488 χ^2/NDF : 10.3/13

In: 496.246+/-1379.567 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.047+/-937.488 χ^2/NDF : 10.3/13

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

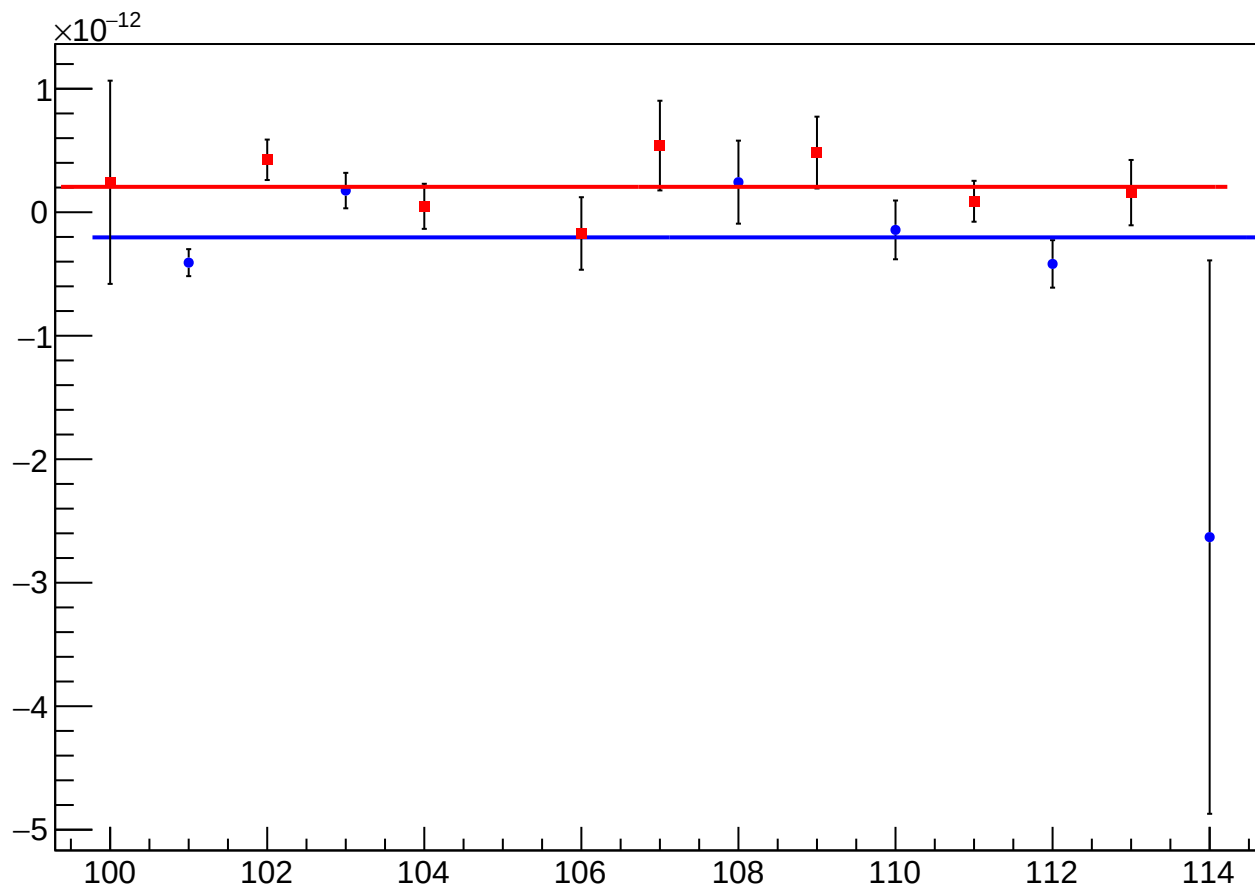
Right: 2273.026+/-0.663 χ^2/NDF : 48457.0/13

In: 2237.703+/-0.976 χ^2/NDF :25209.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2273.026+/-0.663 χ^2/NDF : 48457.0/13

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

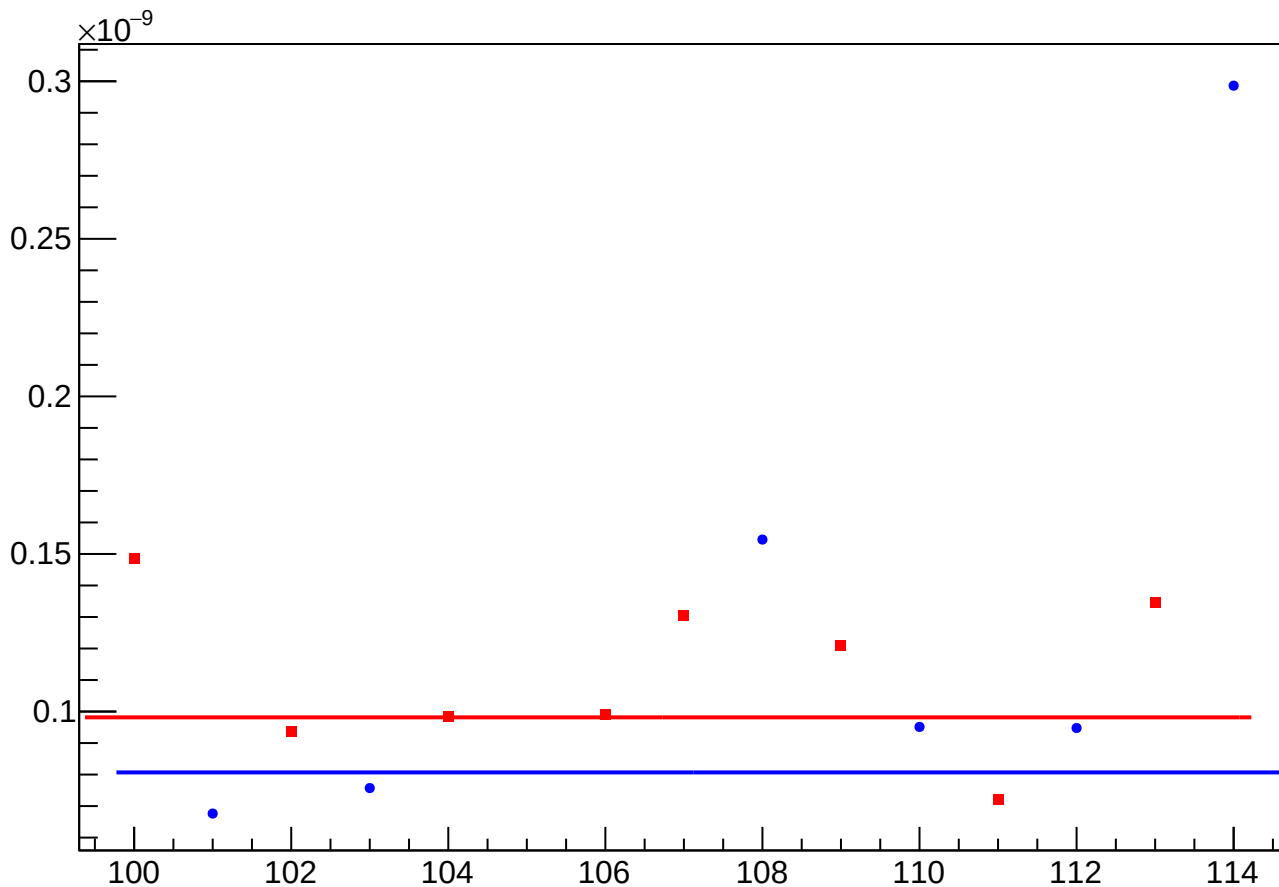
Right: -0.000+/-0.000 χ^2 /NDF: 35.1/13

In: -0.000+/-0.000 χ^2 /NDF:14.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.1/13

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 164598.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 124782.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

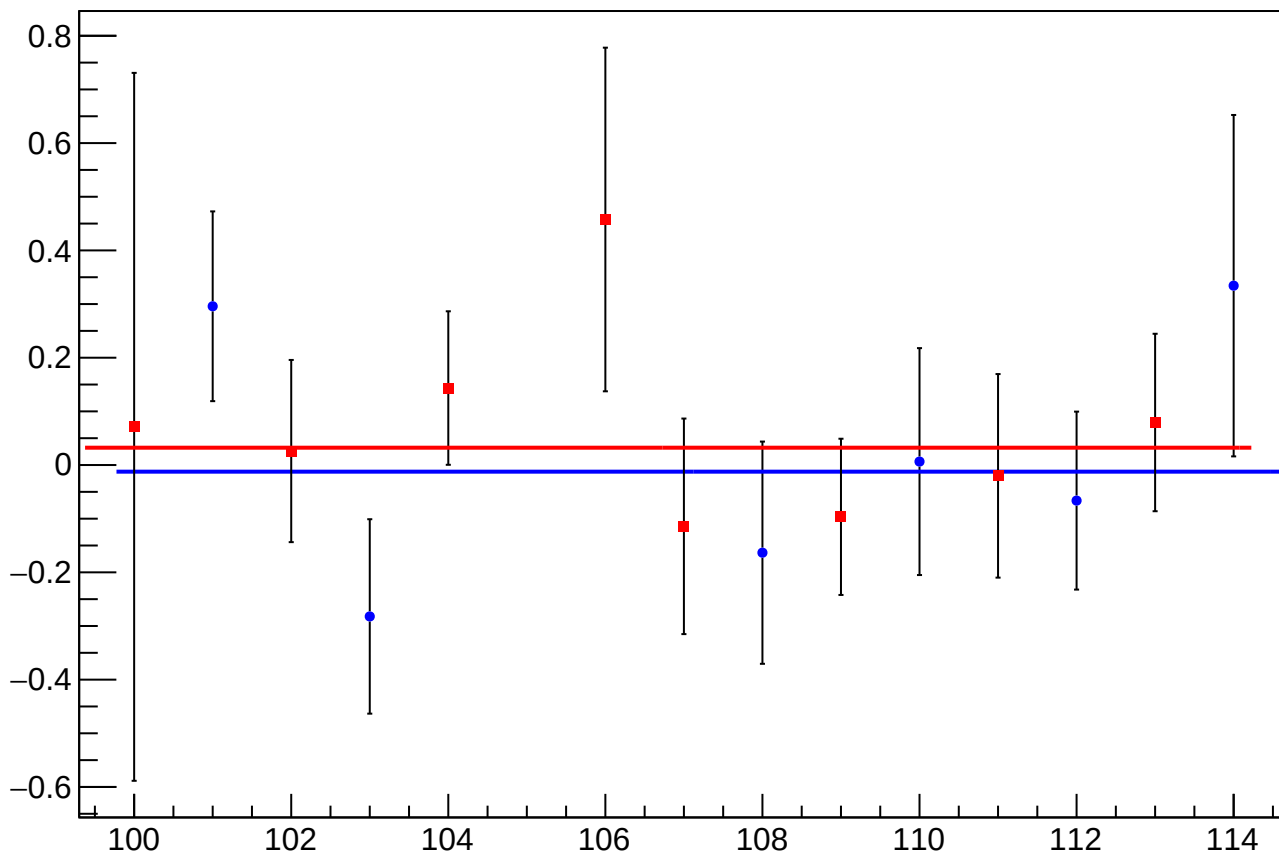
Right: 0.000+/-0.000 χ^2/NDF : 340184.6/13

In: 0.000+/-0.000 χ^2/NDF : 164598.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 340184.6/13

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

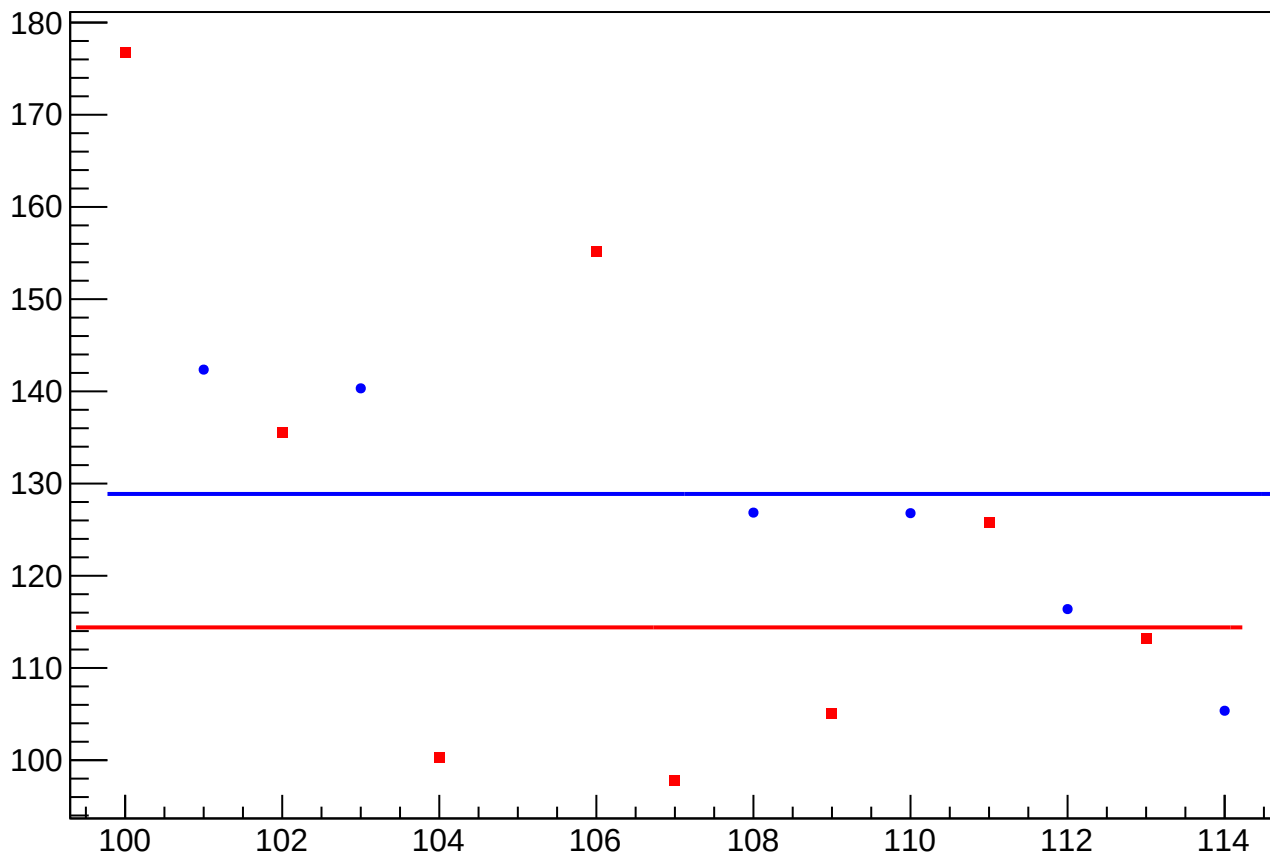
Right: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

In: -0.012 $\pm$ 0.080 χ^2 /NDF:7.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.874+/-0.057 χ^2/NDF : 42270.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.402+/-0.046 χ^2/NDF : 130039.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

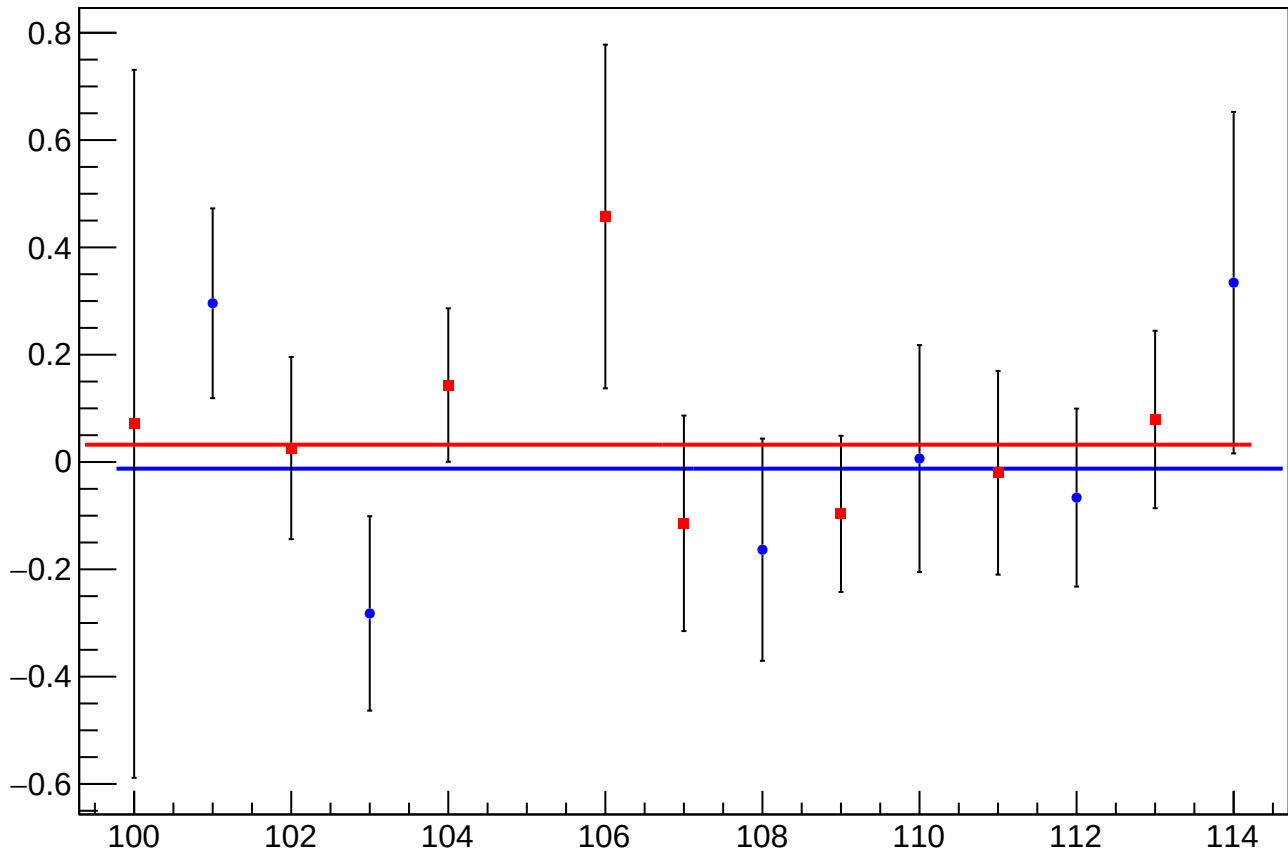
Right: 120.185+/-0.036 χ^2/NDF : 211131.5/13

In: 128.874+/-0.057 χ^2/NDF : 42270.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.185+/-0.036 χ^2/NDF : 211131.5/13

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

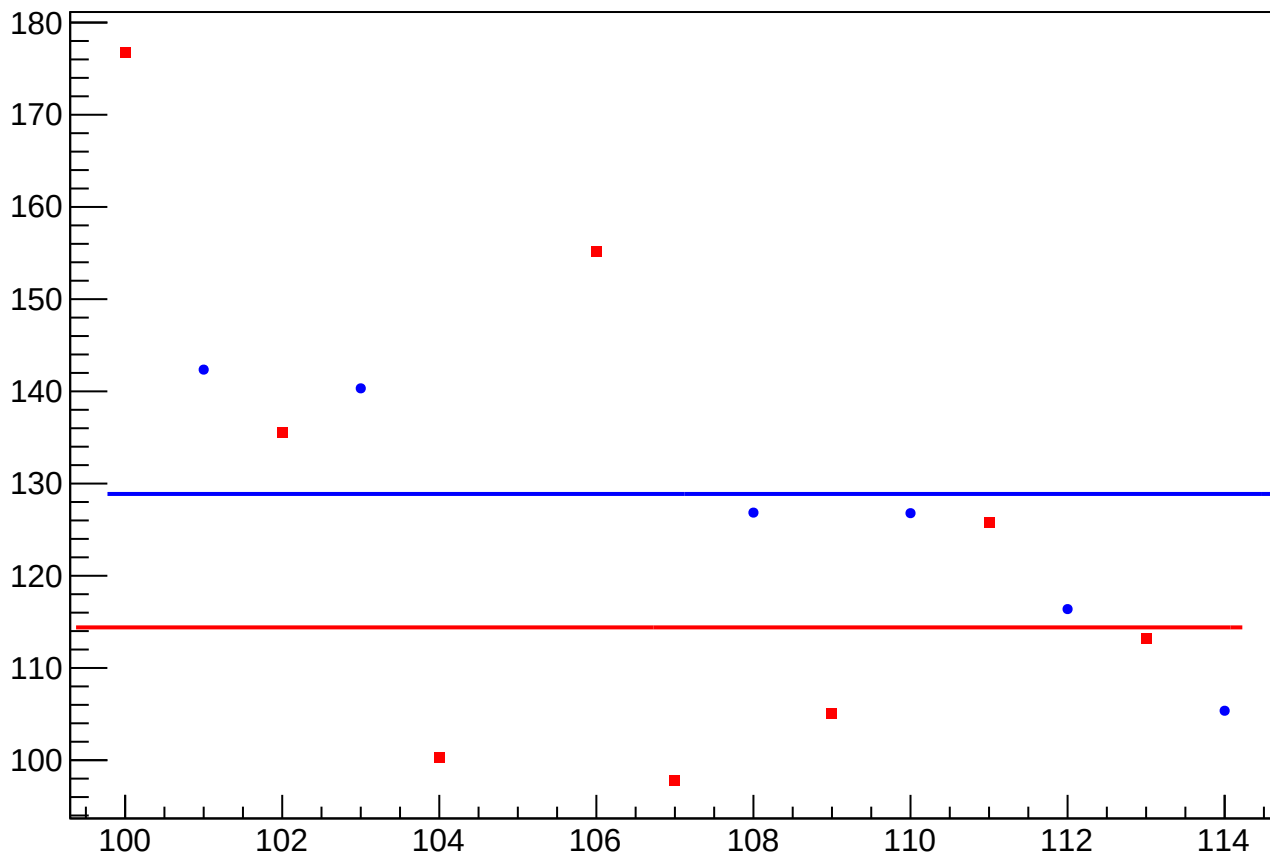
Right: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

In: -0.012 $\pm$ 0.080 χ^2 /NDF:7.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.874+/-0.057 χ^2/NDF : 42270.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.402+/-0.046 χ^2/NDF : 130039.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

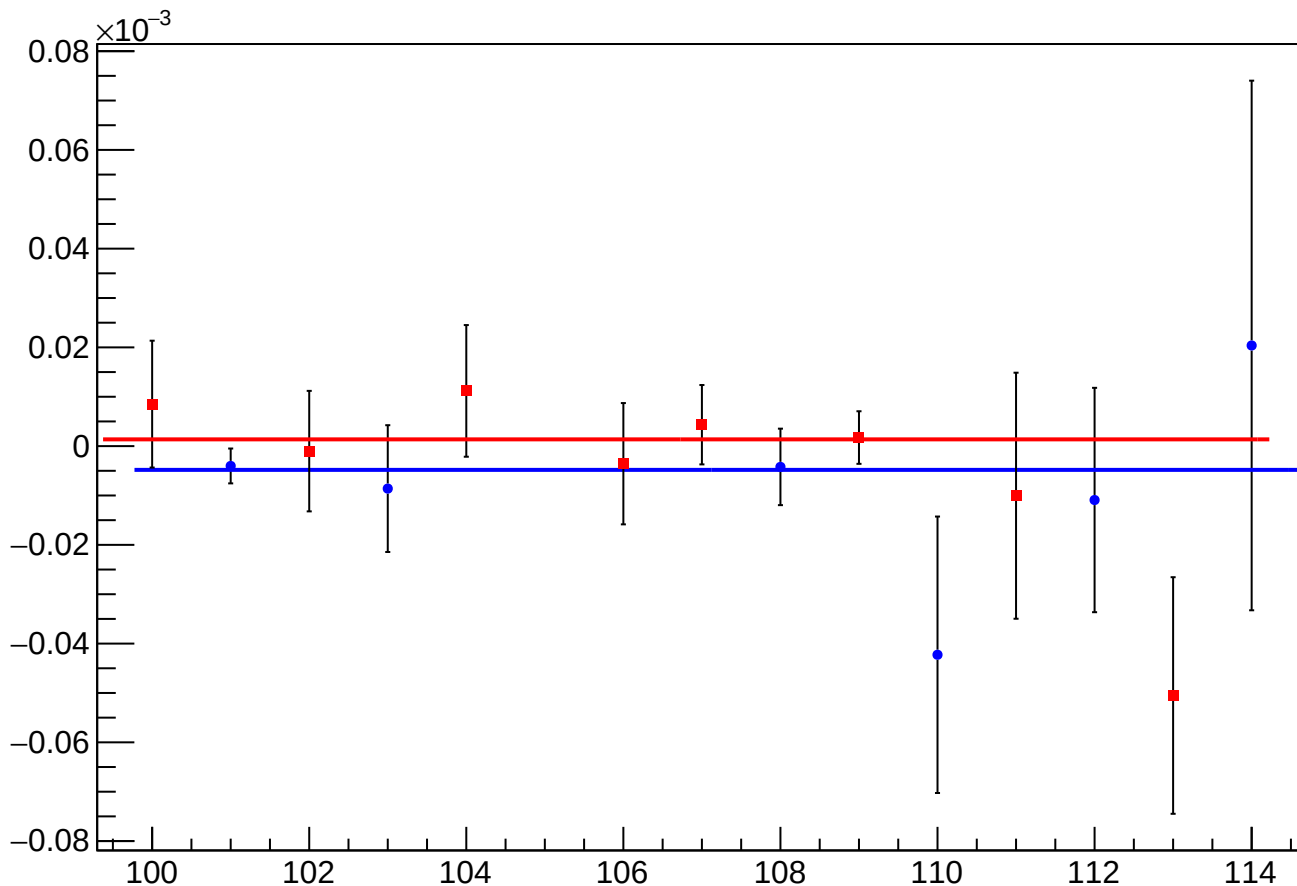
Right: 120.185+/-0.036 χ^2/NDF : 211131.5/13

In: 128.874+/-0.057 χ^2/NDF : 42270.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.185+/-0.036 χ^2/NDF : 211131.5/13

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 6.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

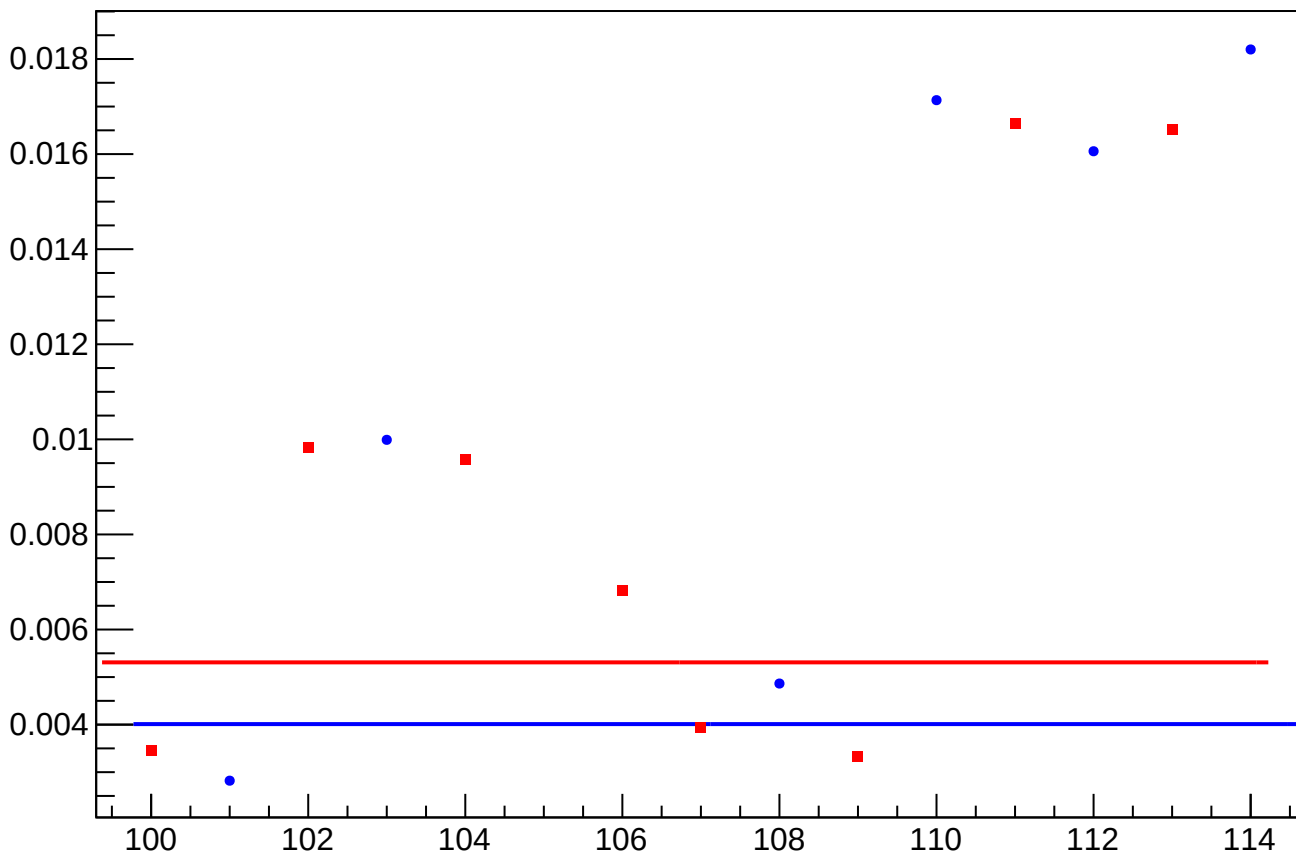
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/13

In: -0.000 $\pm$ 0.000 χ^2 /NDF:2.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/13

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

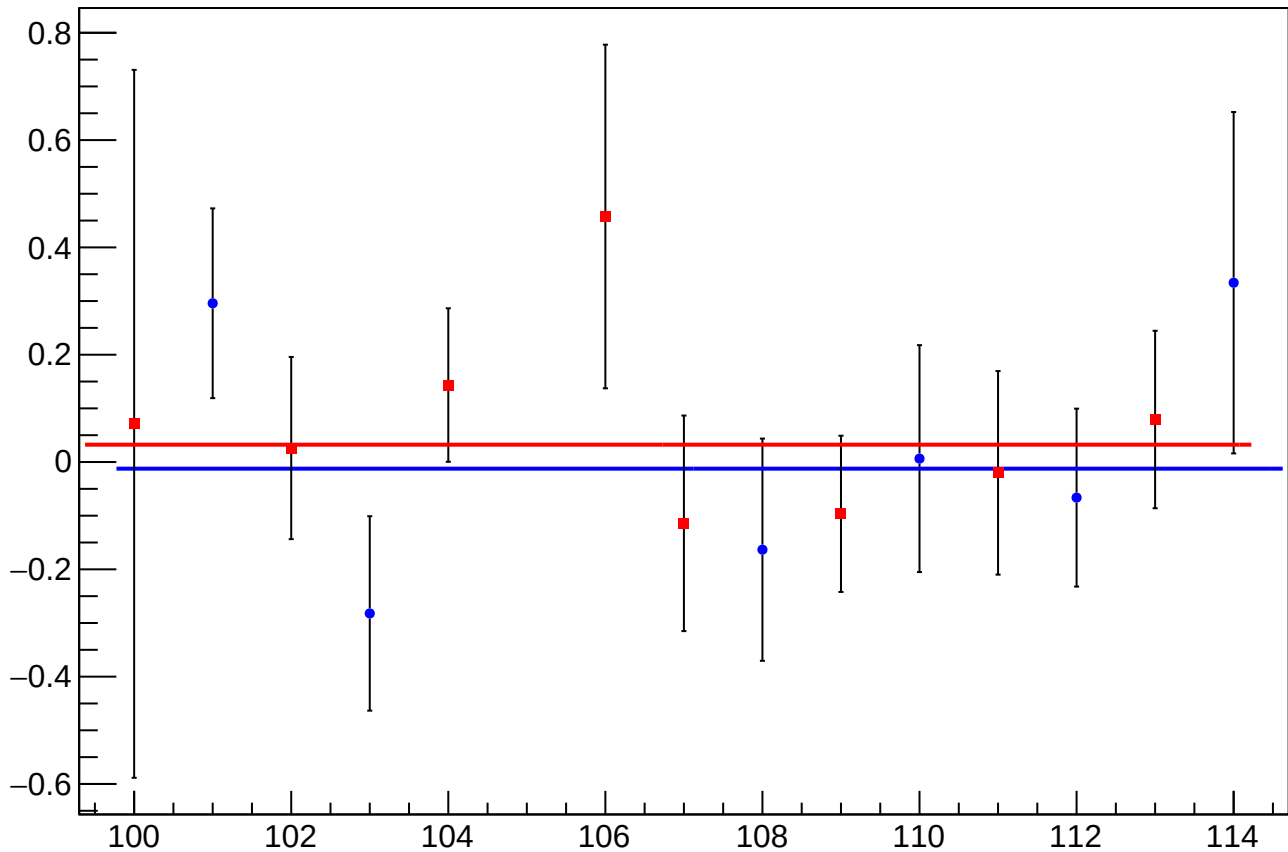
Right: 0.005+/-0.000 χ^2/NDF : 3715447.3/13

In: 0.004+/-0.000 χ^2/NDF :1826737.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3715447.3/13

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

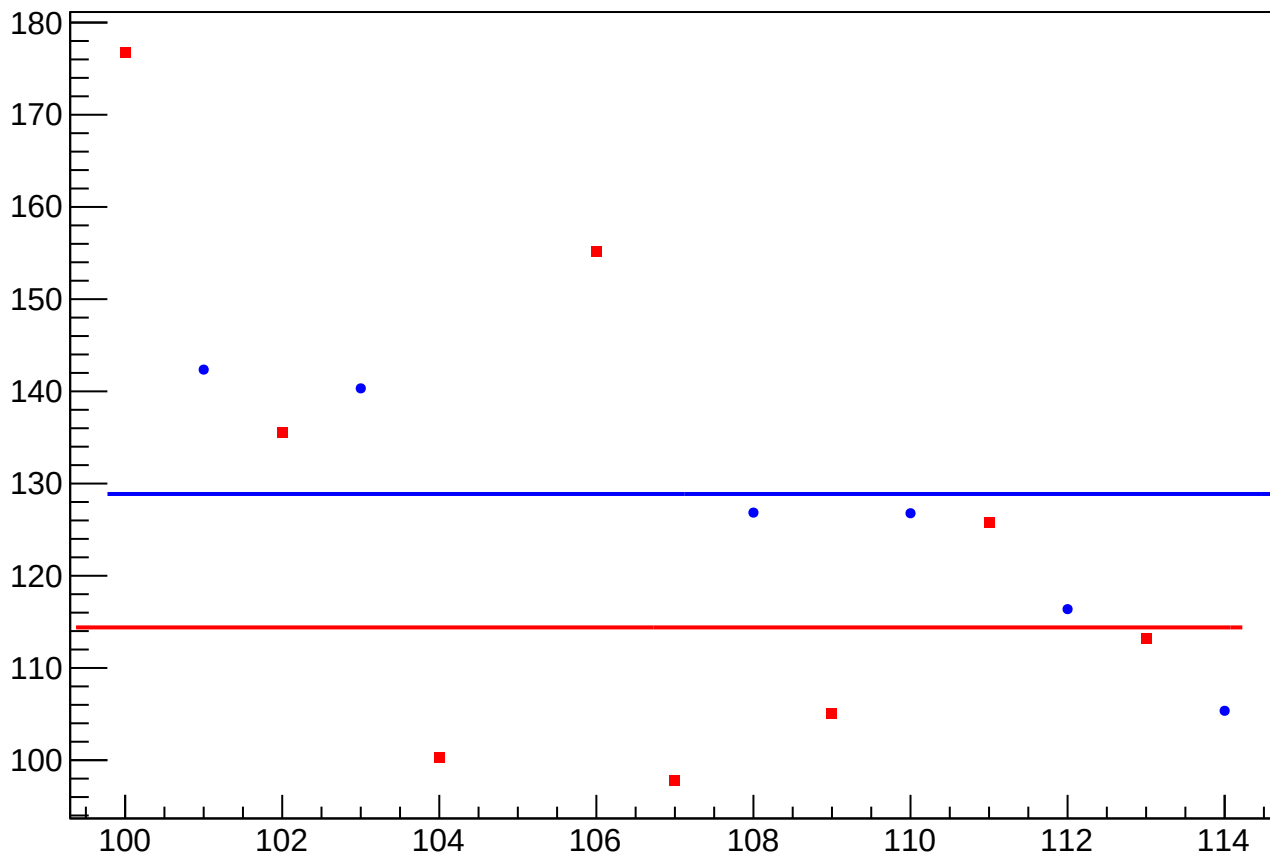
Right: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

In: -0.012 $\pm$ 0.080 χ^2 /NDF:7.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

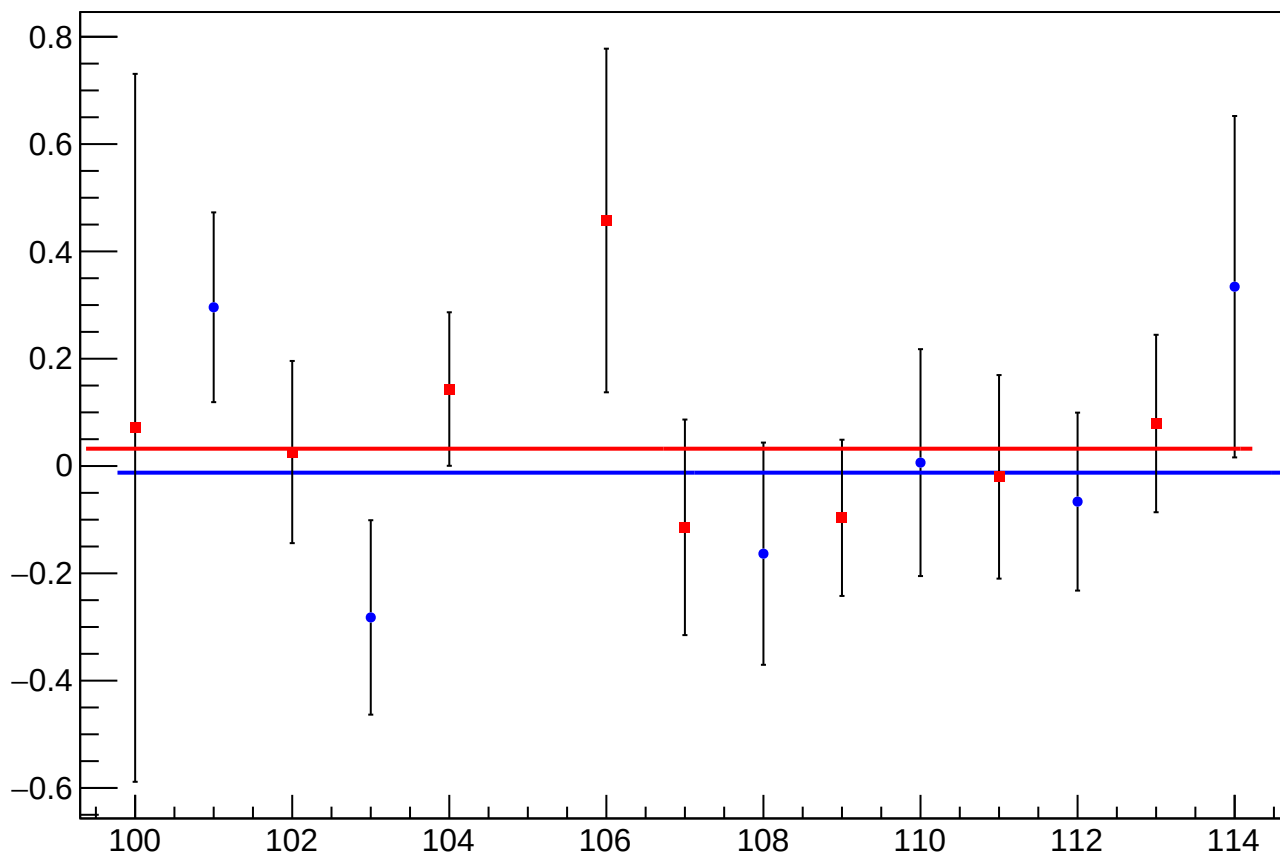
Right: 120.182 $\pm$ 0.036 χ^2 /NDF: 211131.0/13

In: 128.870 $\pm$ 0.057 χ^2 /NDF:42284.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.182 $\pm$ 0.036 χ^2 /NDF: 211131.0/13

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

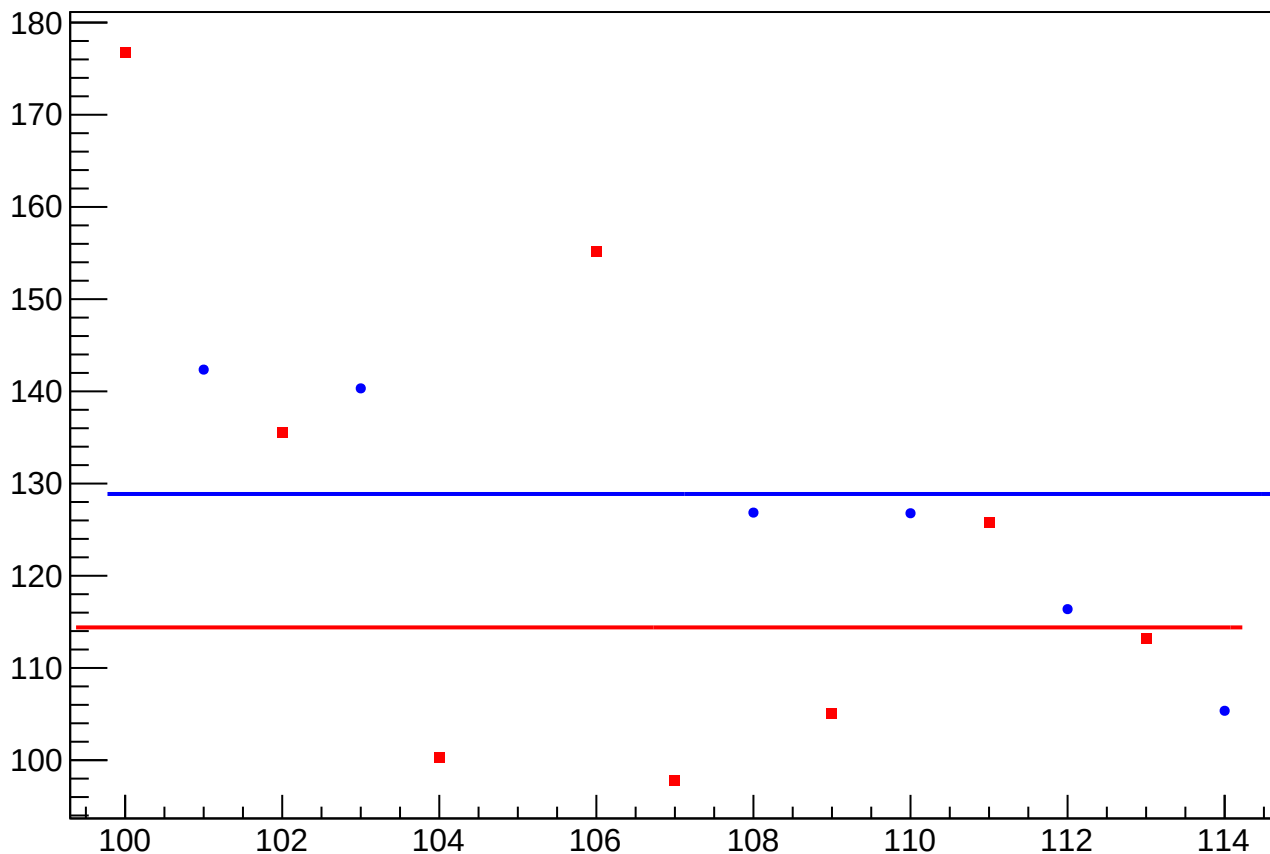
Right: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

In: -0.012 $\pm$ 0.080 χ^2 /NDF:7.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.051 χ^2 /NDF: 11.1/13

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.870+/-0.057 χ^2/NDF : 42284.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 114.399+/-0.046 χ^2/NDF : 130029.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

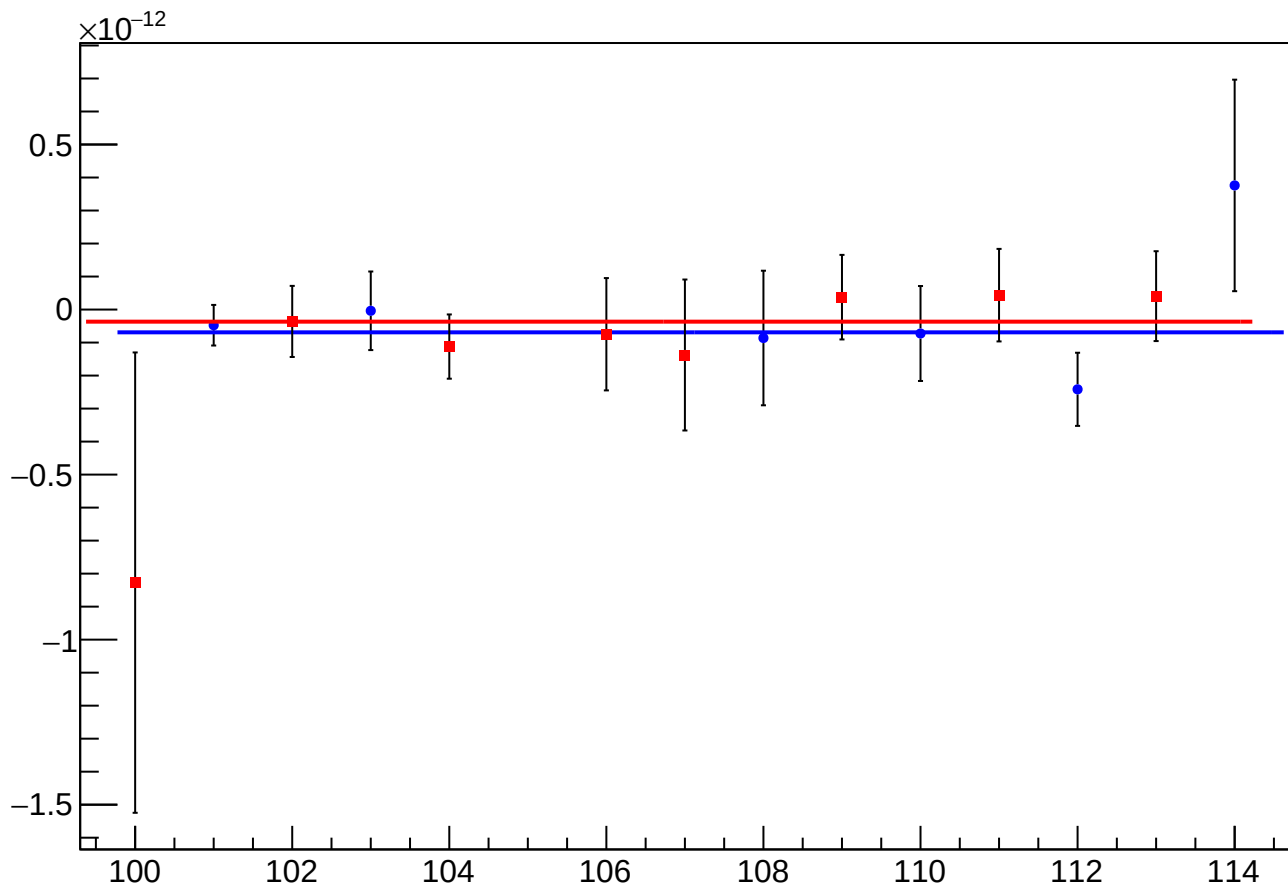
Right: 120.182+/-0.036 χ^2/NDF : 211131.0/13

In: 128.870+/-0.057 χ^2/NDF :42284.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 120.182+/-0.036 χ^2/NDF : 211131.0/13

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

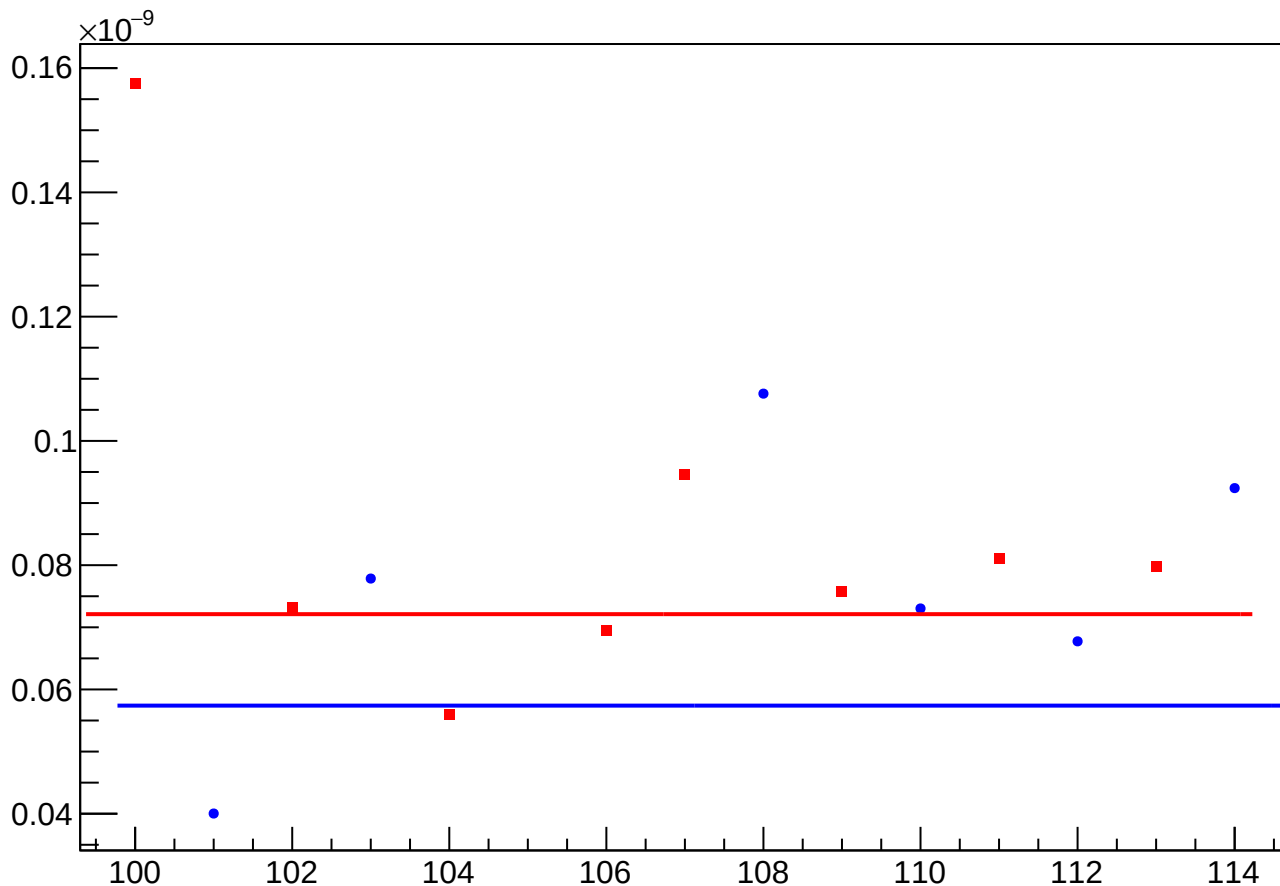
Right: -0.000+/-0.000 χ^2/NDF : 8.1/13

In: -0.000+/-0.000 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.1/13

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

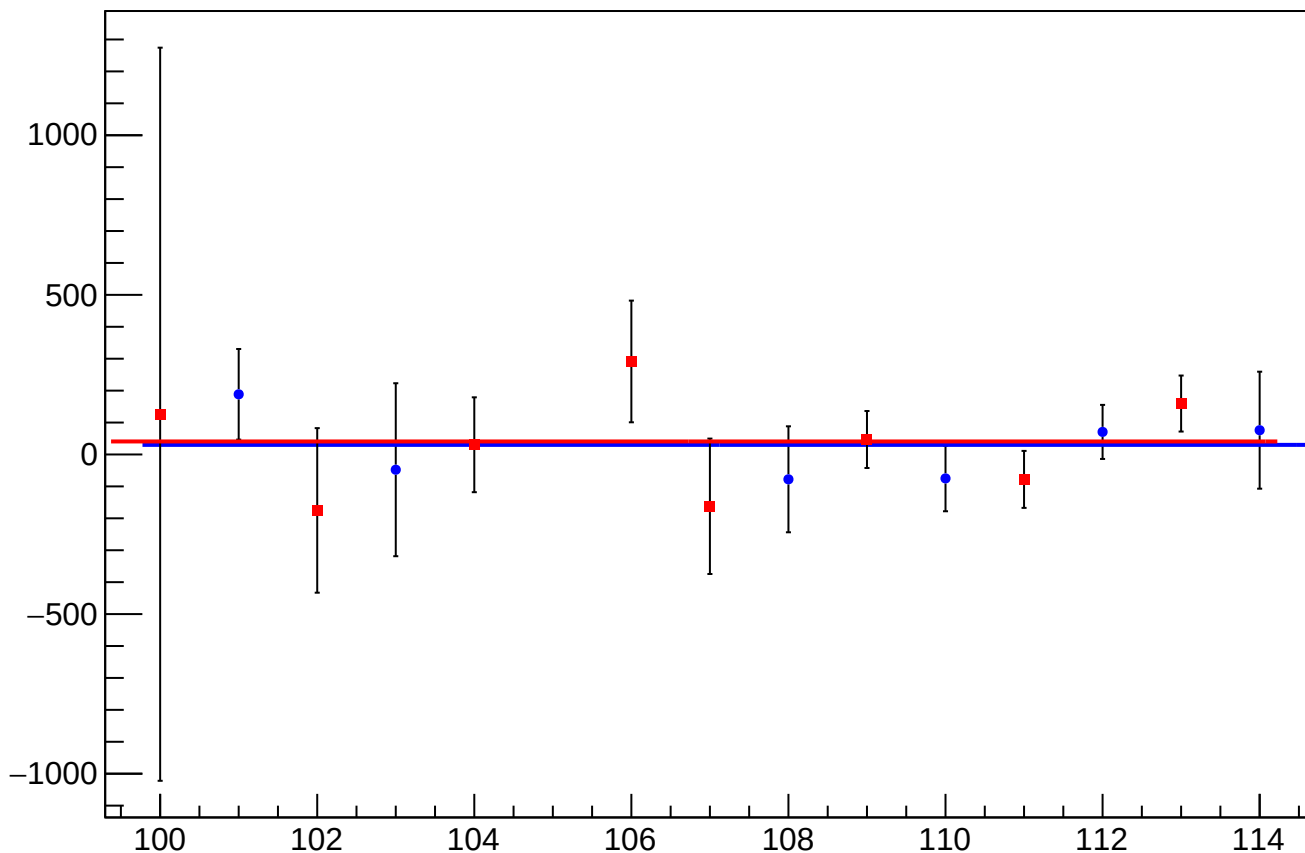
Right: 0.000+/-0.000 χ^2/NDF : 624005.6/13

In: 0.000+/-0.000 χ^2/NDF : 404815.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 624005.6/13

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

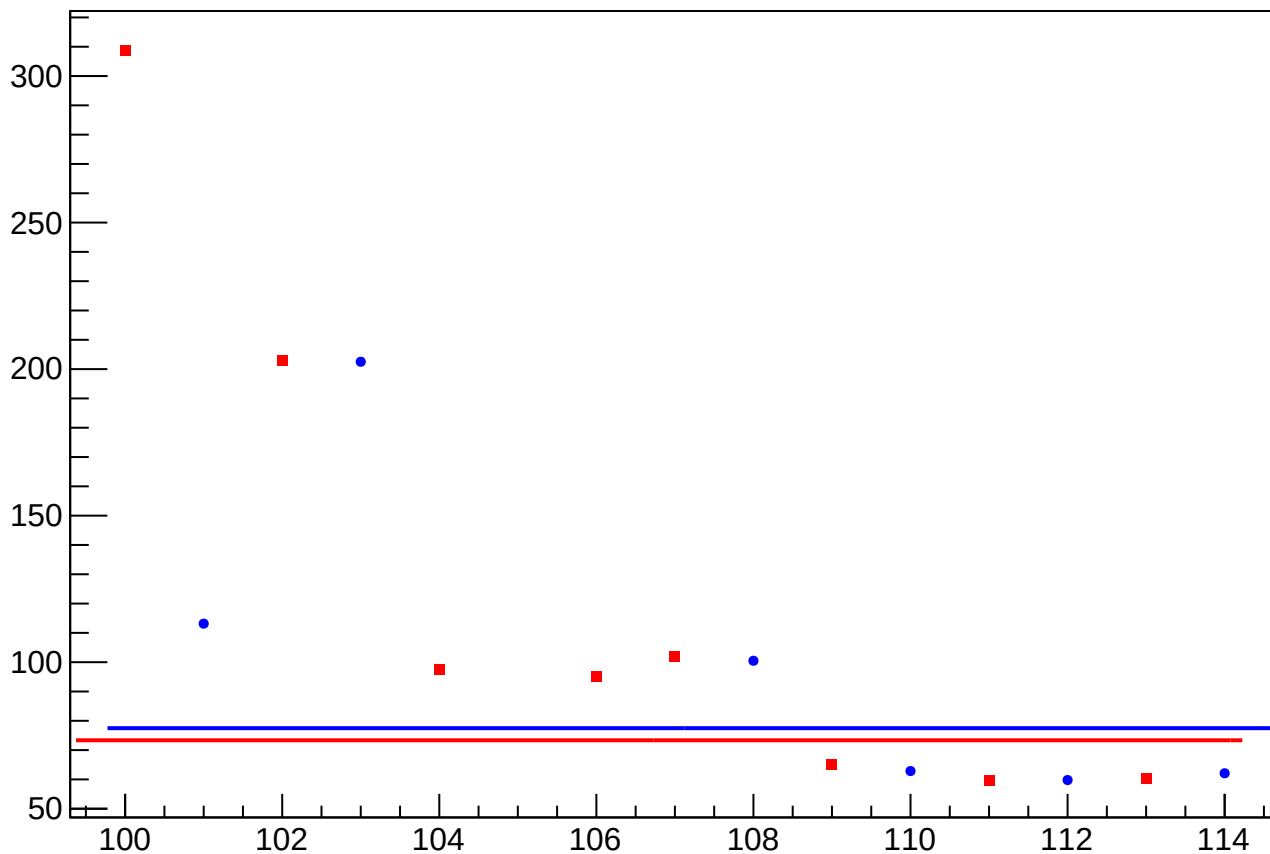
Right: 36.243+/-34.198 χ^2/NDF : 10.1/13

In: 30.079+/-52.475 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.243+/-34.198 χ^2/NDF : 10.1/13

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.486+/-0.037 χ^2/NDF : 732504.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.348+/-0.032 χ^2/NDF : 811215.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

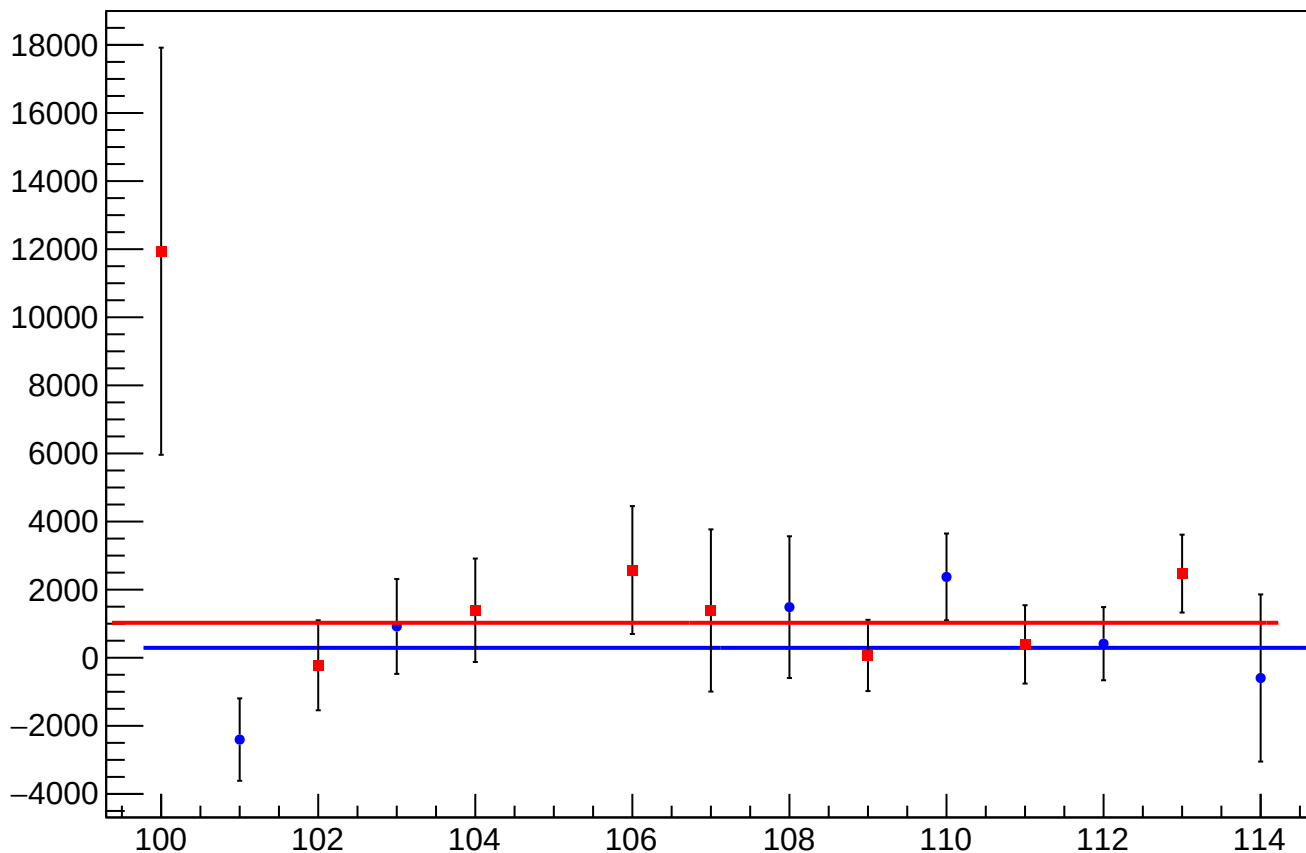
Right: 75.105+/-0.024 χ^2/NDF : 1550873.5/13

In: 77.486+/-0.037 χ^2/NDF : 732504.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.105+/-0.024 χ^2/NDF : 1550873.5/13

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 290.549+/-570.150 χ^2/NDF : 8.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1026.762+/-504.589 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

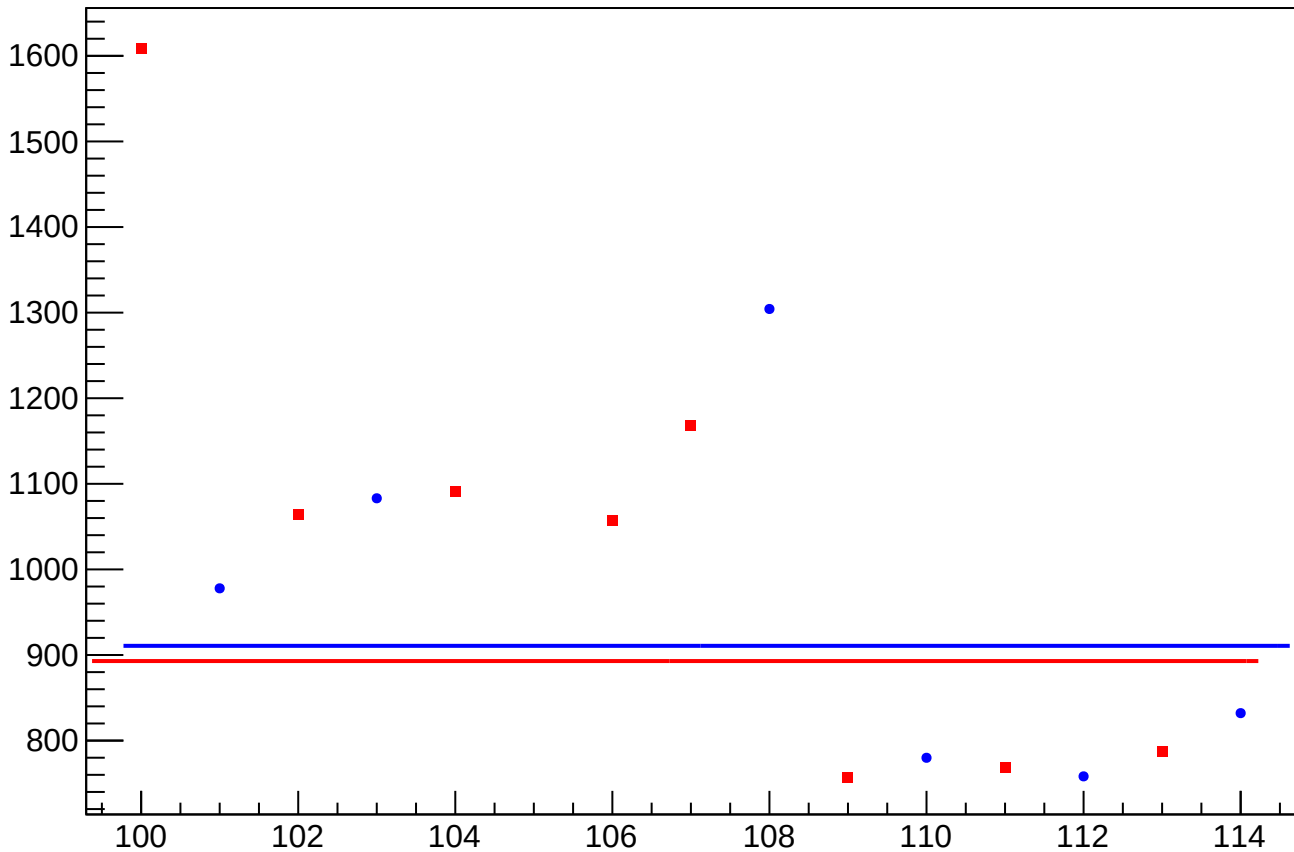
Right: 703.399+/-377.861 χ^2/NDF : 17.0/13

In: 290.549+/-570.150 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.399+/-377.861 χ^2/NDF : 17.0/13

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

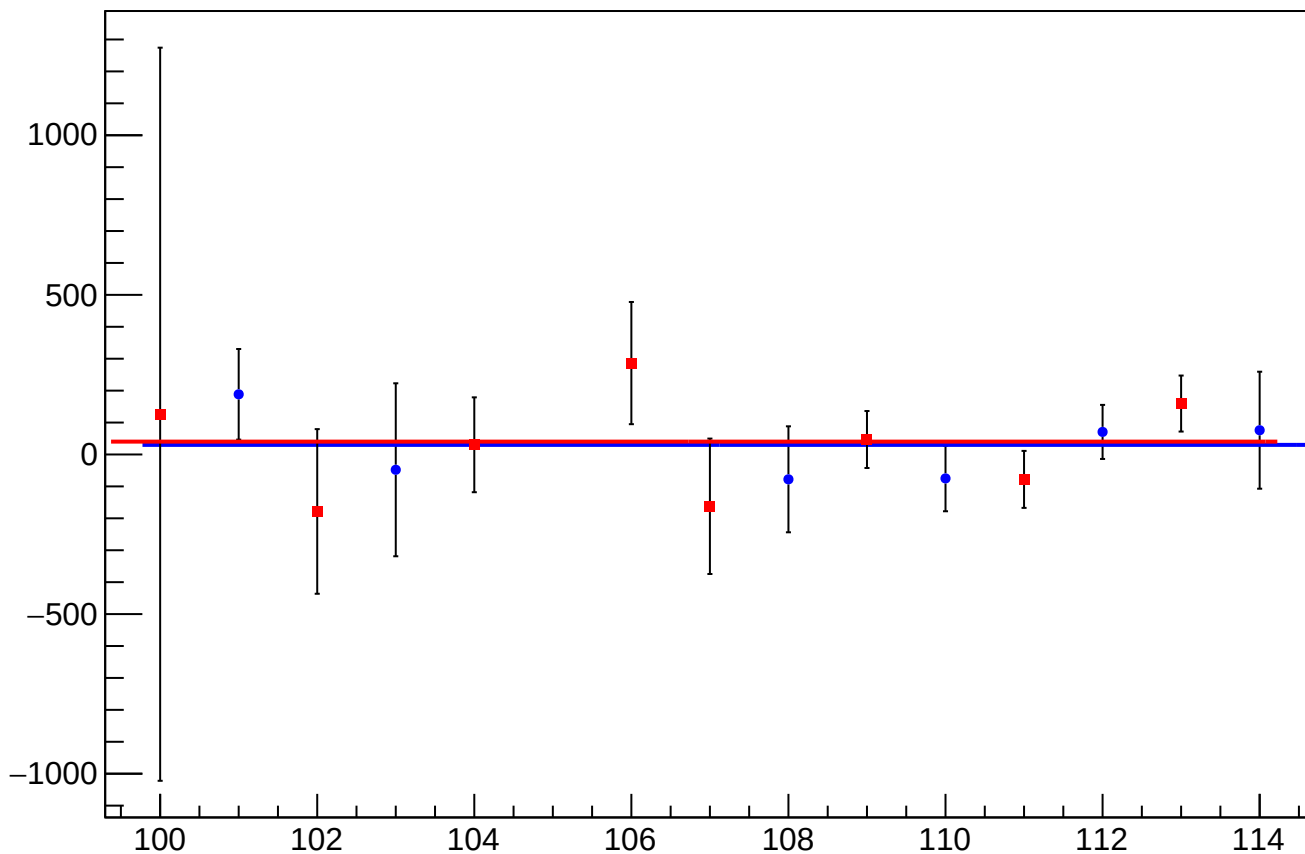
Right: 900.743+/-0.267 χ^2/NDF : 385250.4/13

In: 910.713+/-0.403 χ^2/NDF : 171694.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.743+/-0.267 χ^2/NDF : 385250.4/13

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

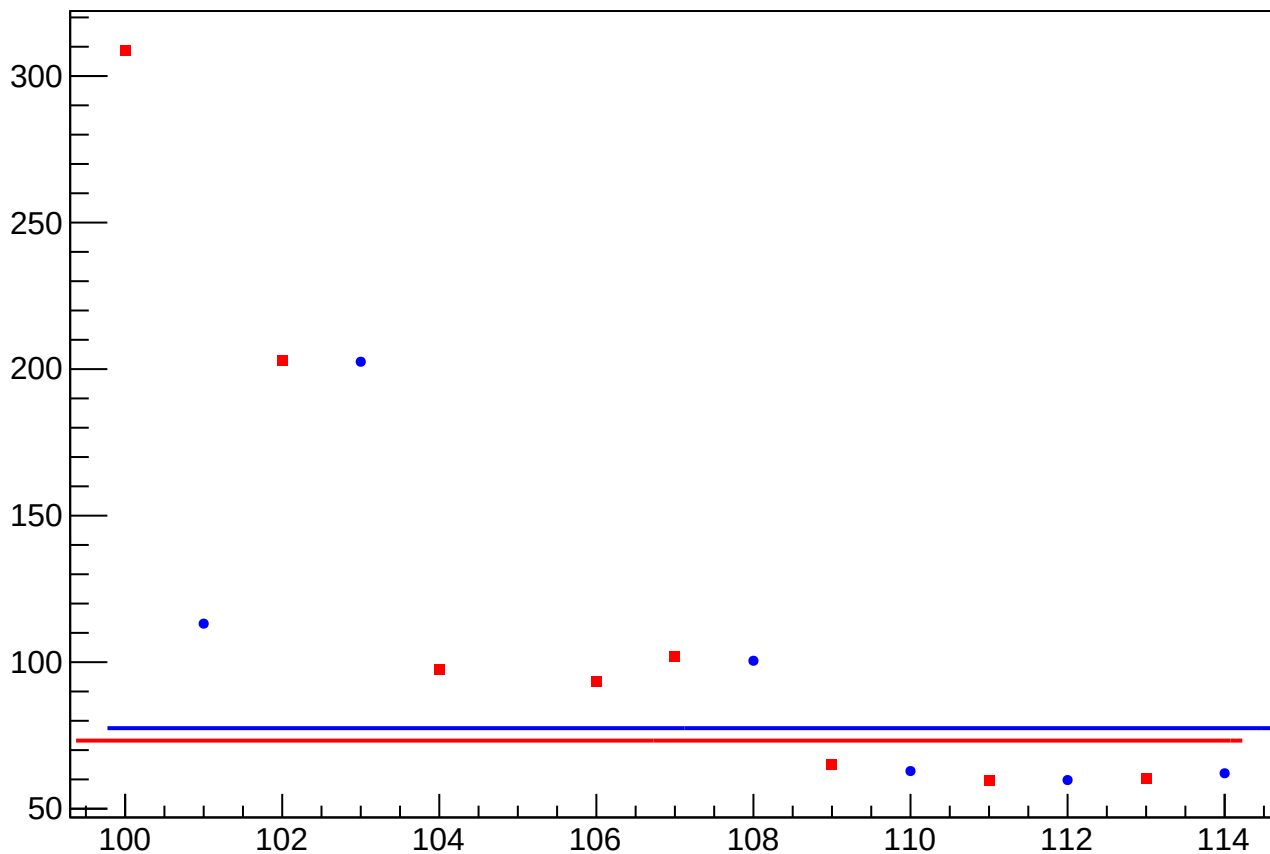
Right: 35.945+/-34.203 χ^2/NDF : 10.0/13

In: 30.061+/-52.475 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.945+/-34.203 χ^2/NDF : 10.0/13

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

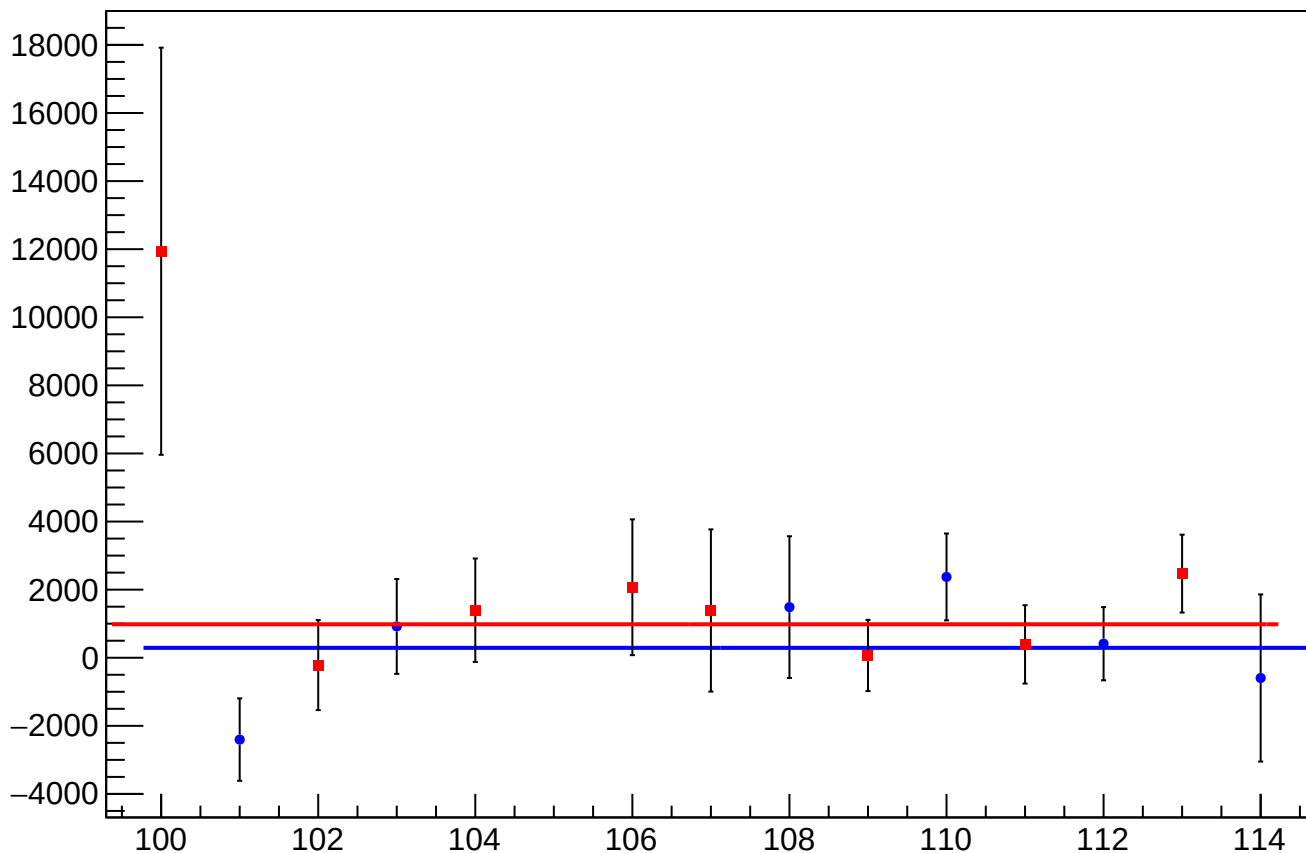
Right: 75.045 $\pm$ 0.024 χ^2 /NDF: 1547354.7/13

In: 77.486 $\pm$ 0.037 χ^2 /NDF:732507.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.045 $\pm$ 0.024 χ^2 /NDF: 1547354.7/13

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

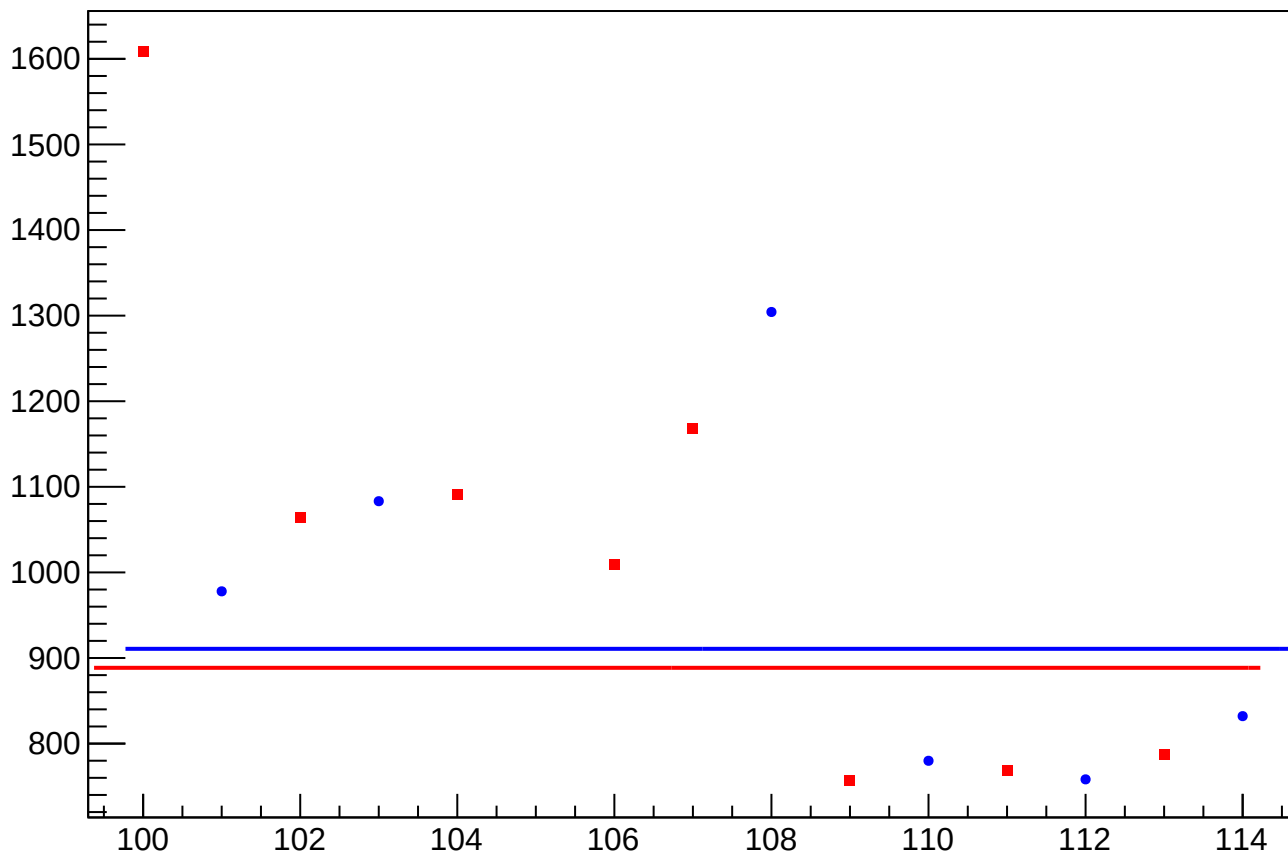
Right: 677.270+/-378.757 χ^2/NDF : 16.4/13

In: 290.599+/-570.160 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.270+/-378.757 χ^2/NDF : 16.4/13

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

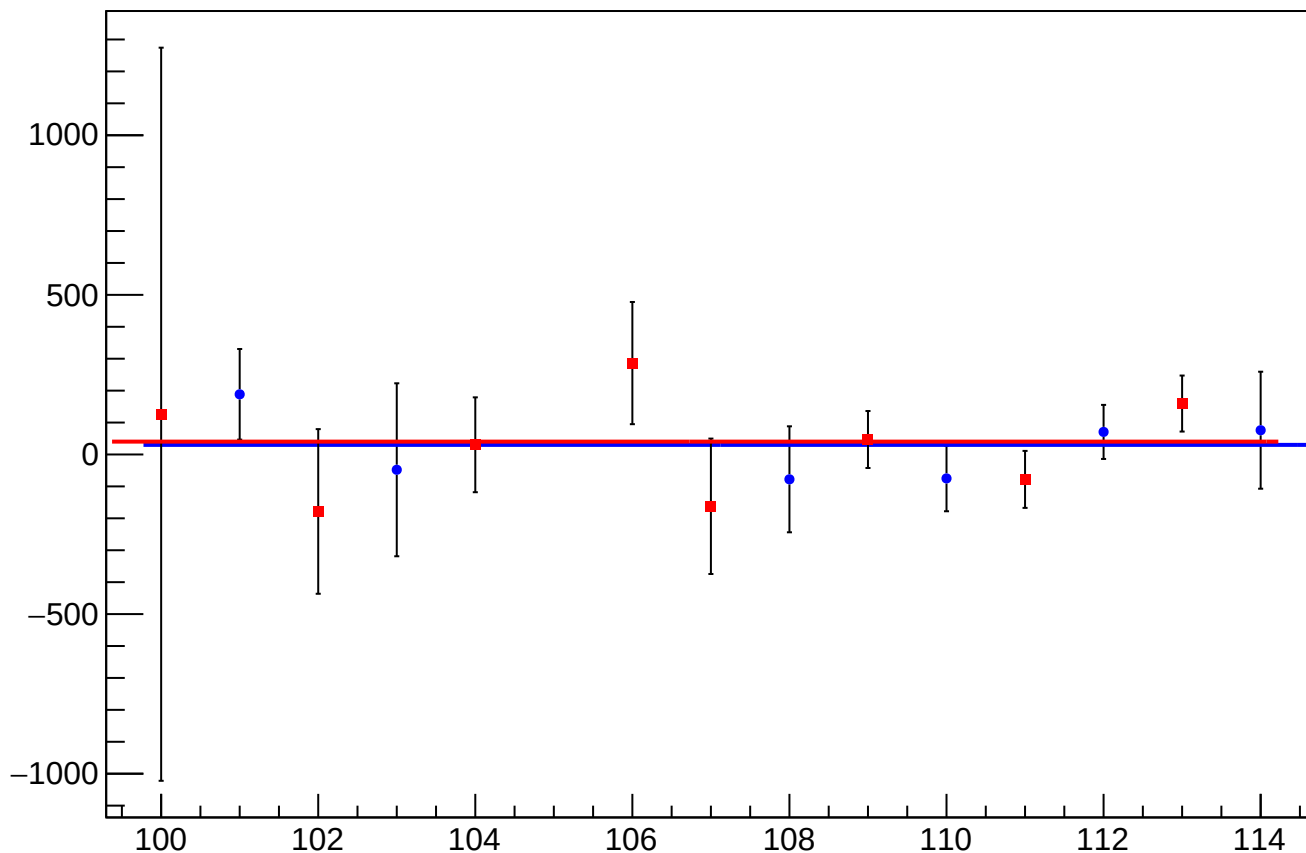
Right: 898.332+/-0.268 χ^2/NDF : 377453.5/13

In: 910.726+/-0.403 χ^2/NDF : 171727.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.332+/-0.268 χ^2/NDF : 377453.5/13

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

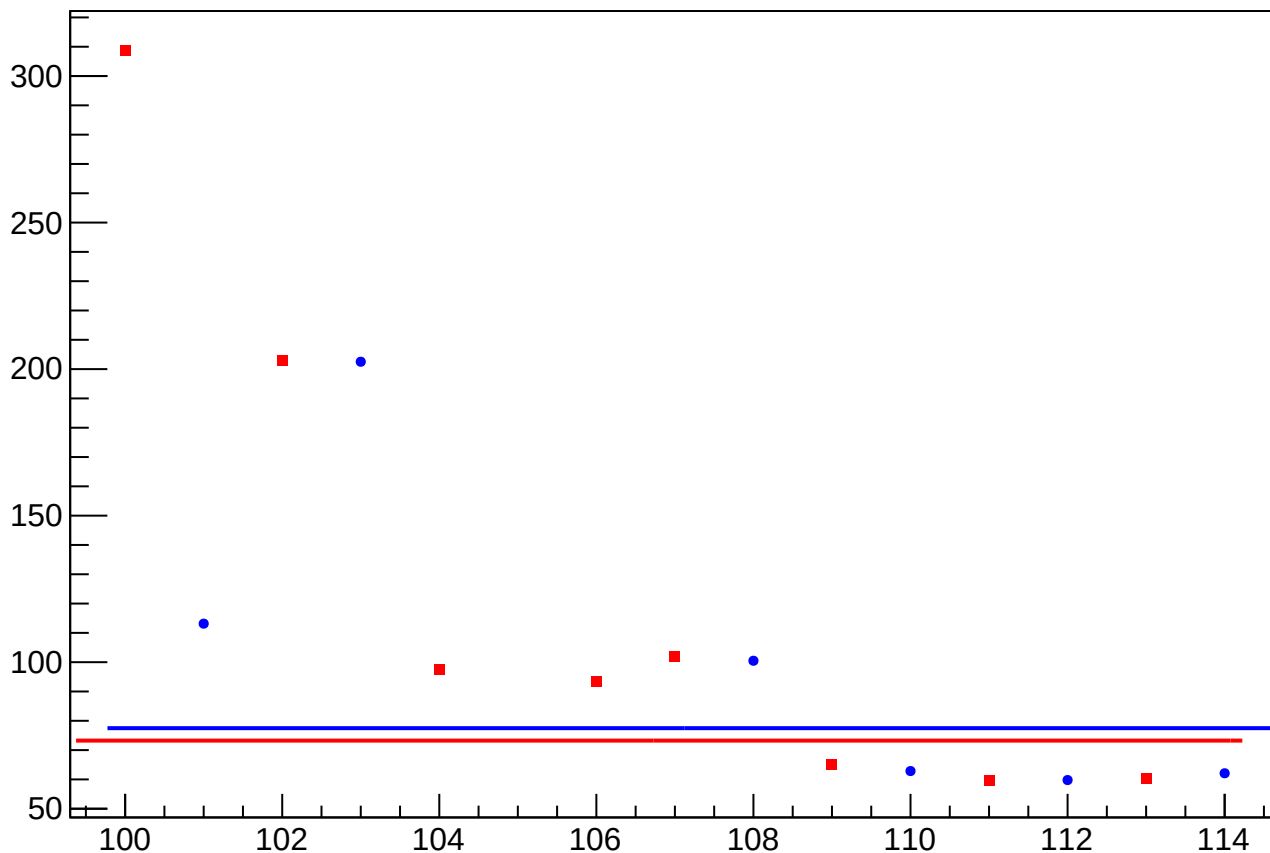
Right: 35.945+/-34.203 χ^2/NDF : 10.0/13

In: 30.061+/-52.475 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.945+/-34.203 χ^2/NDF : 10.0/13

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

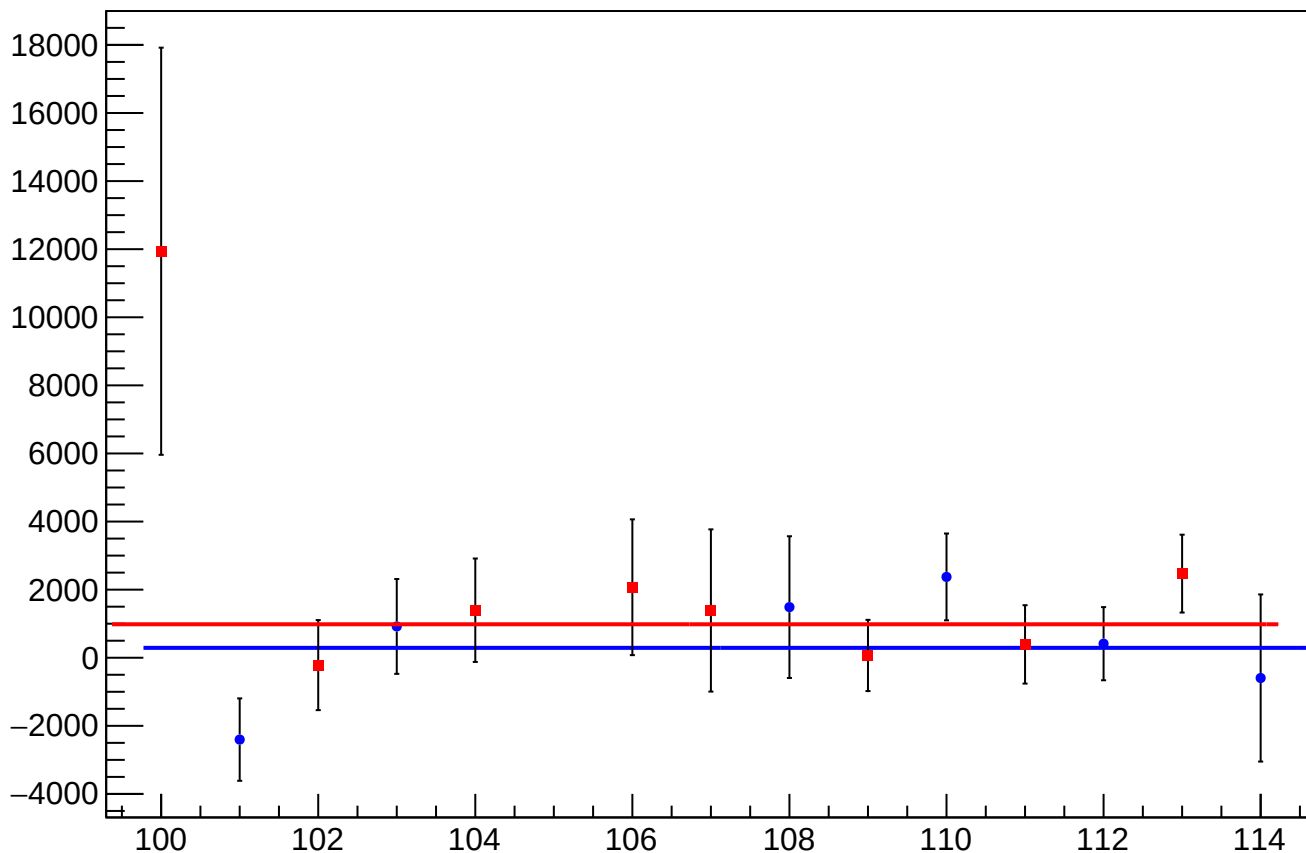
Right: 75.045+/-0.024 χ^2/NDF : 1547354.7/13

In: 77.486+/-0.037 χ^2/NDF : 732507.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.045+/-0.024 χ^2/NDF : 1547354.7/13

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

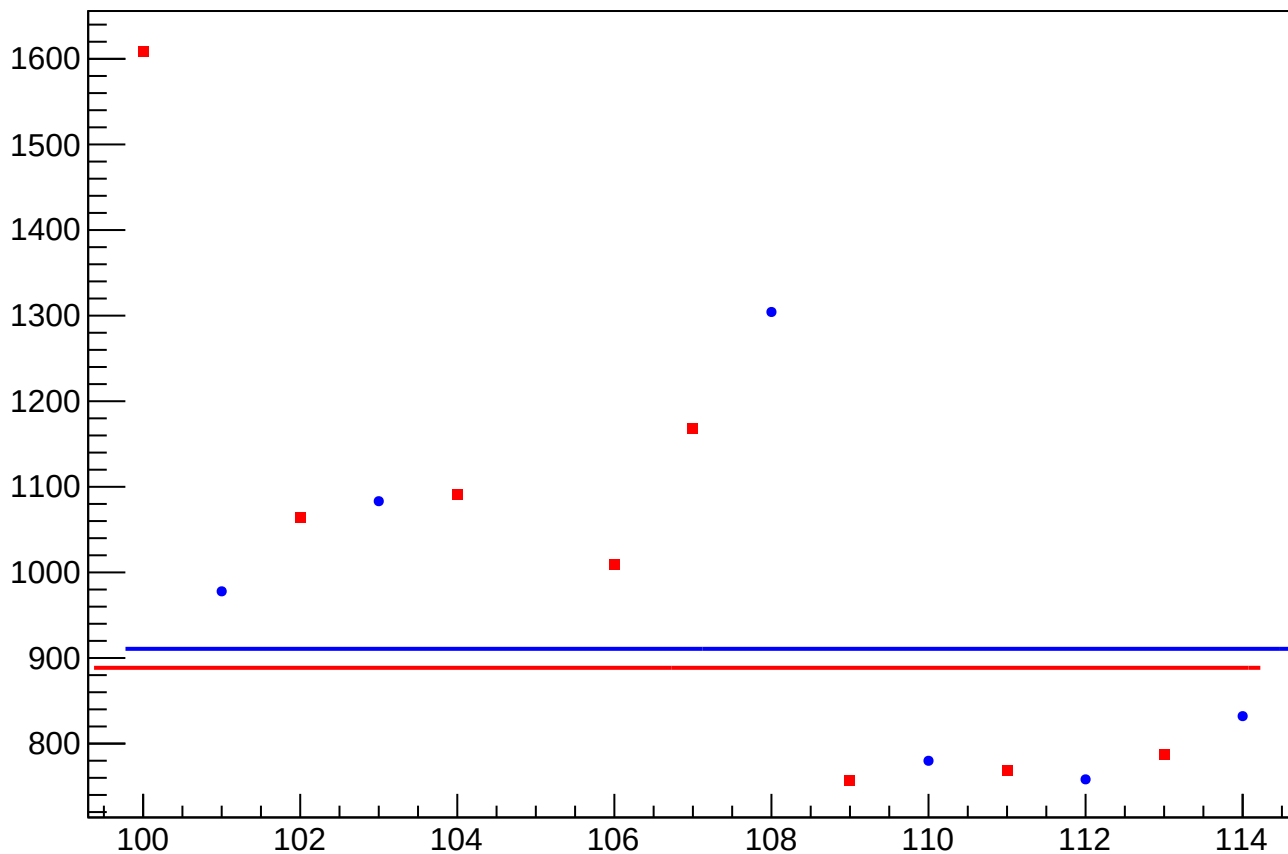
Right: 677.270+/-378.757 χ^2/NDF : 16.4/13

In: 290.599+/-570.160 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.270+/-378.757 χ^2/NDF : 16.4/13

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

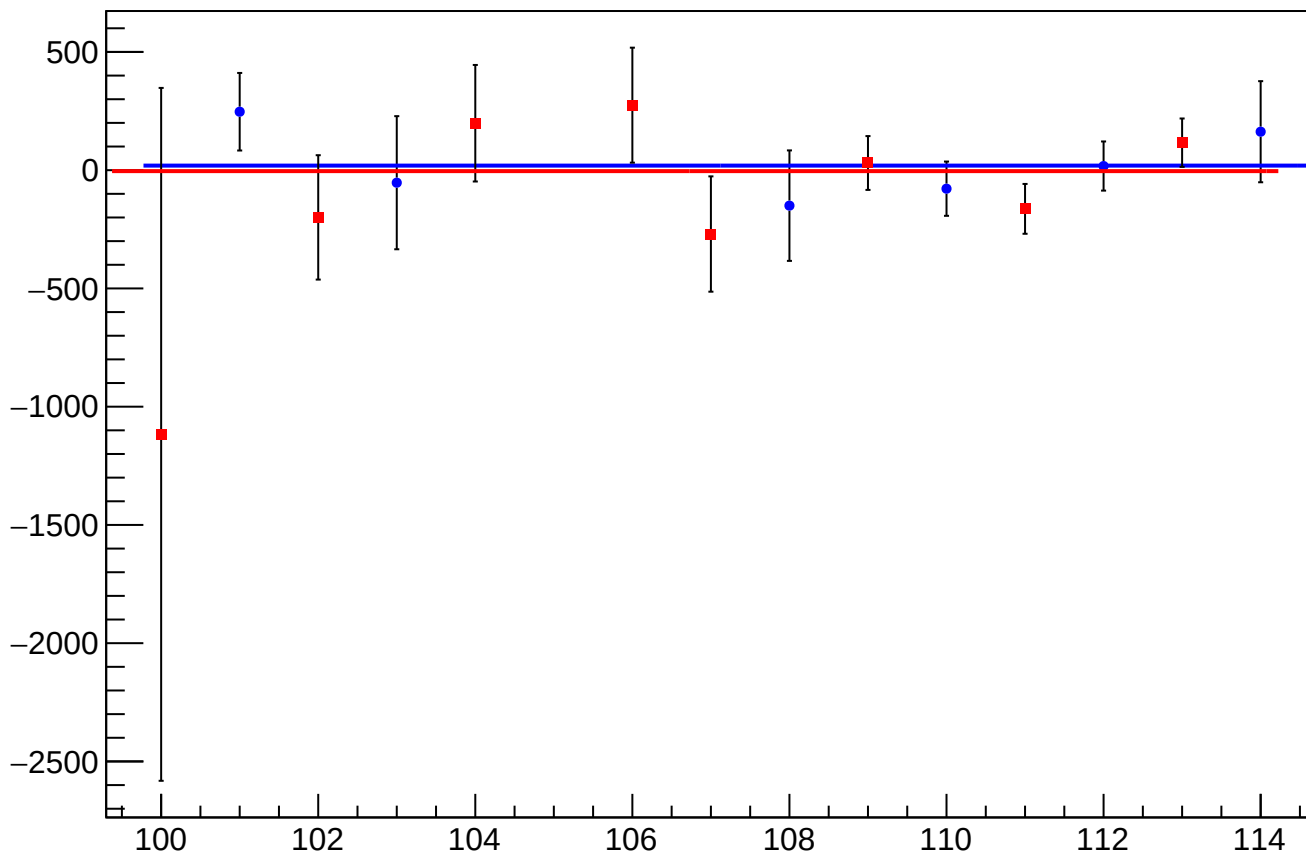
Right: 898.332+/-0.268 χ^2/NDF : 377453.5/13

In: 910.726+/-0.403 χ^2/NDF : 171727.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.332+/-0.268 χ^2/NDF : 377453.5/13

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 19.364+/-62.183 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.981+/-55.213 χ^2/NDF : 8.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

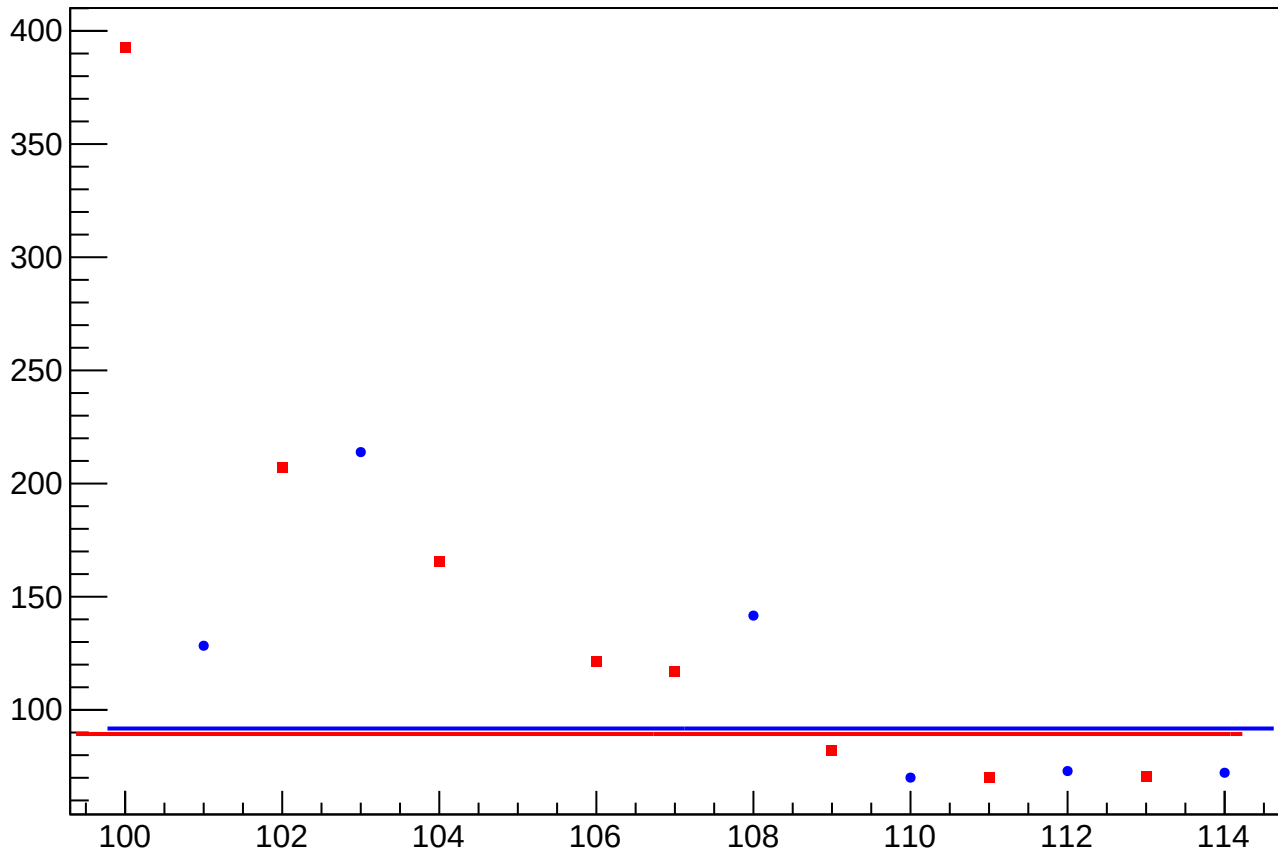
Right: 6.310+/-41.286 χ^2/NDF : 11.9/13

In: 19.364+/-62.183 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.310+/-41.286 χ^2/NDF : 11.9/13

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

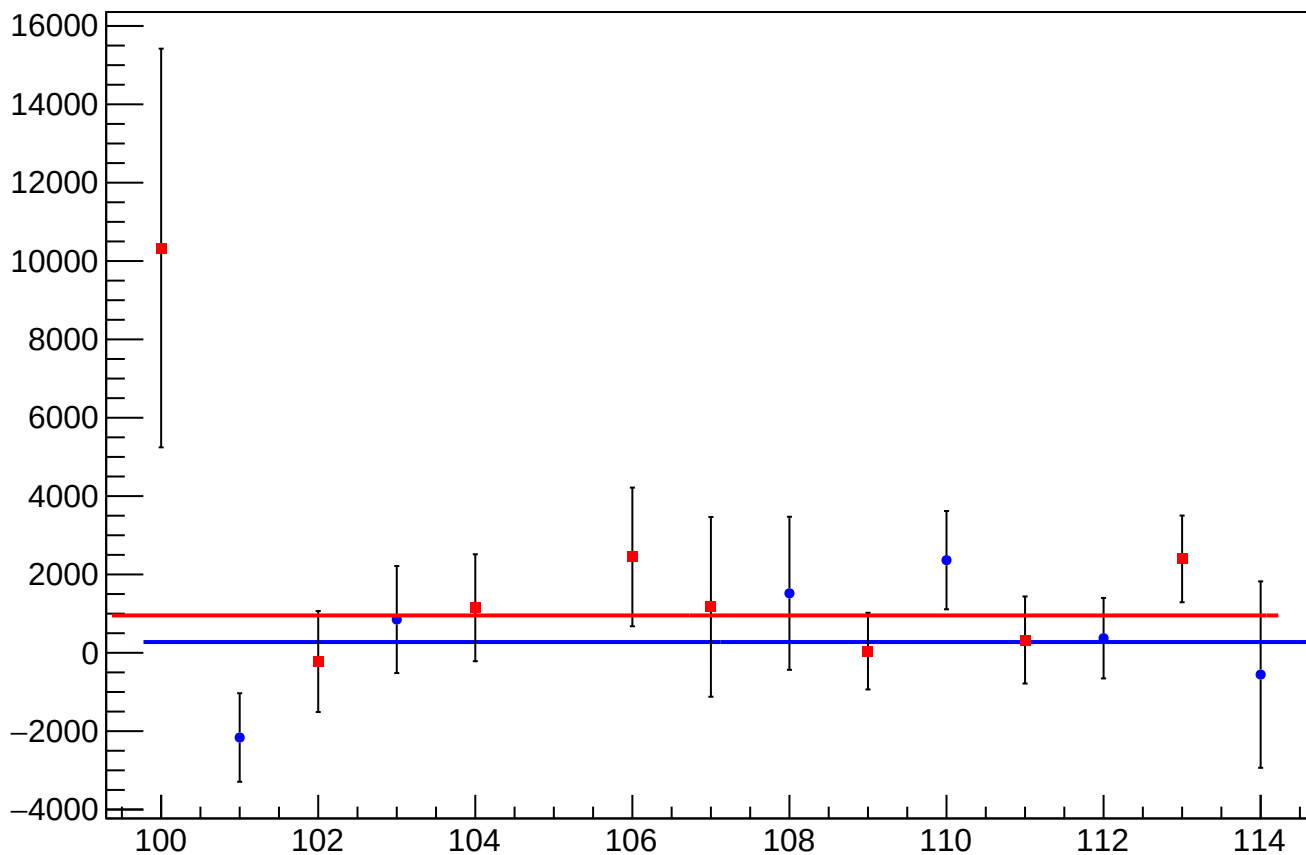
Right: 90.416 $\pm$ 0.029 χ^2 /NDF: 1604578.4/13

In: 91.777 $\pm$ 0.044 χ^2 /NDF:721026.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.416 $\pm$ 0.029 χ^2 /NDF: 1604578.4/13

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

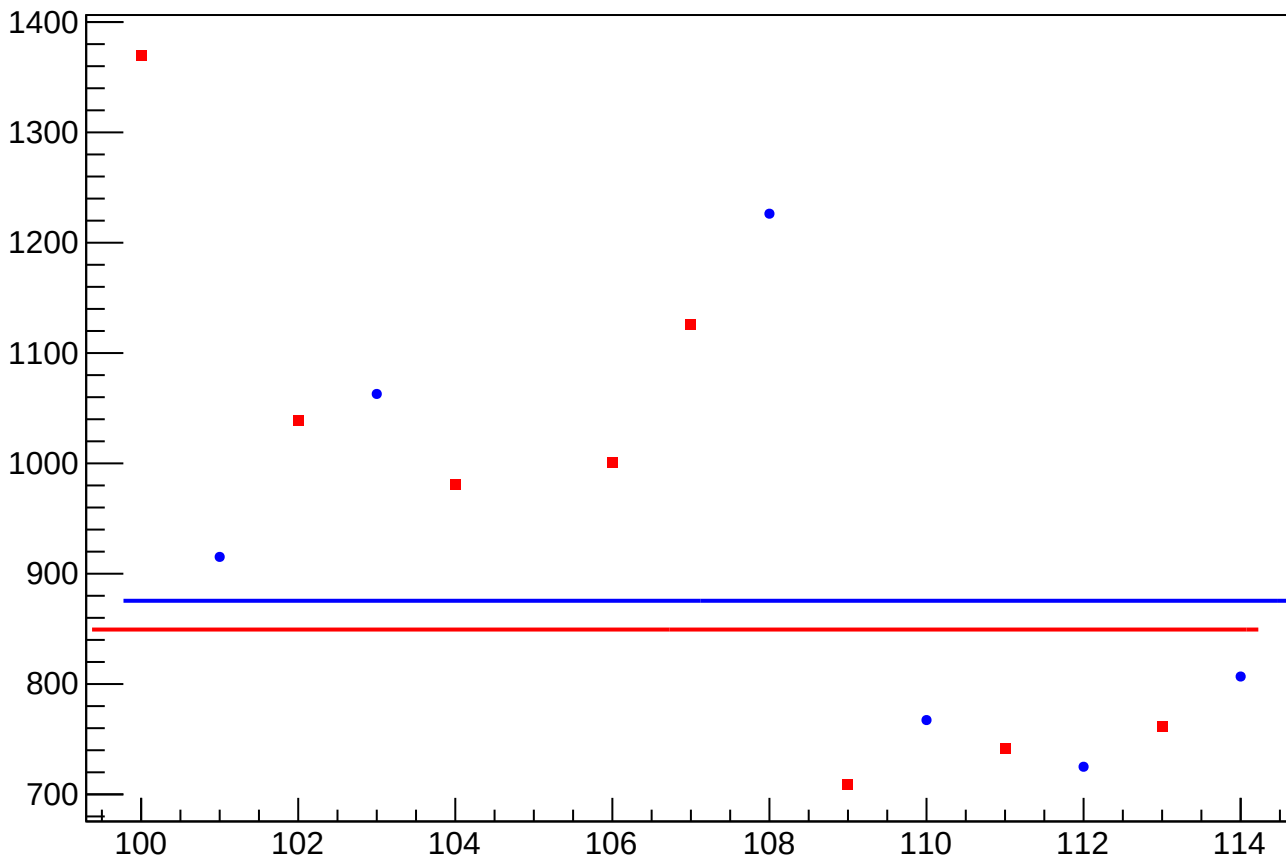
Right: 658.892+/-360.438 χ^2/NDF : 16.9/13

In: 274.811+/-547.098 χ^2/NDF : 8.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.892+/-360.438 χ^2/NDF : 16.9/13

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

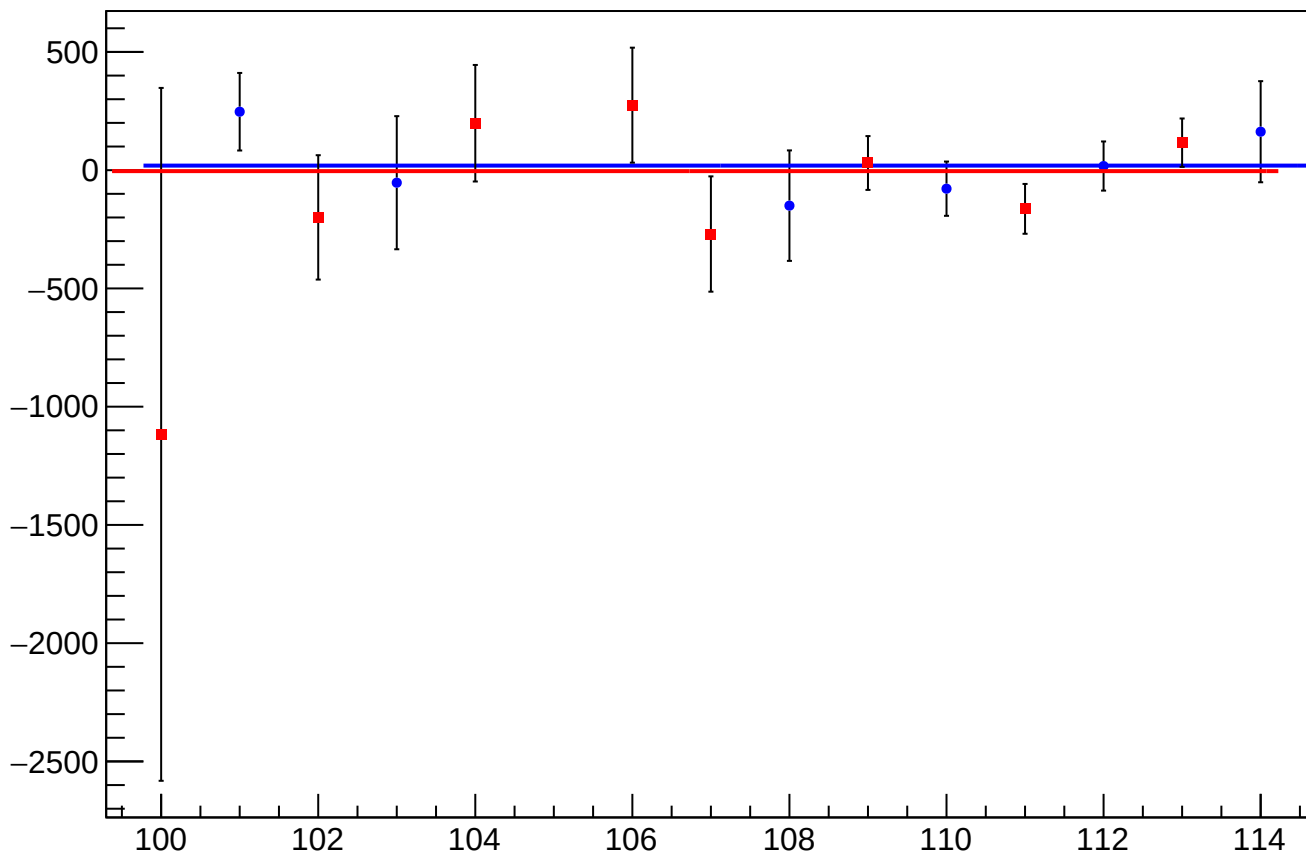
Right: 860.713+/-0.255 χ^2/NDF : 364815.8/13

In: 875.470+/-0.387 χ^2/NDF : 164056.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.713+/-0.255 χ^2/NDF : 364815.8/13

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

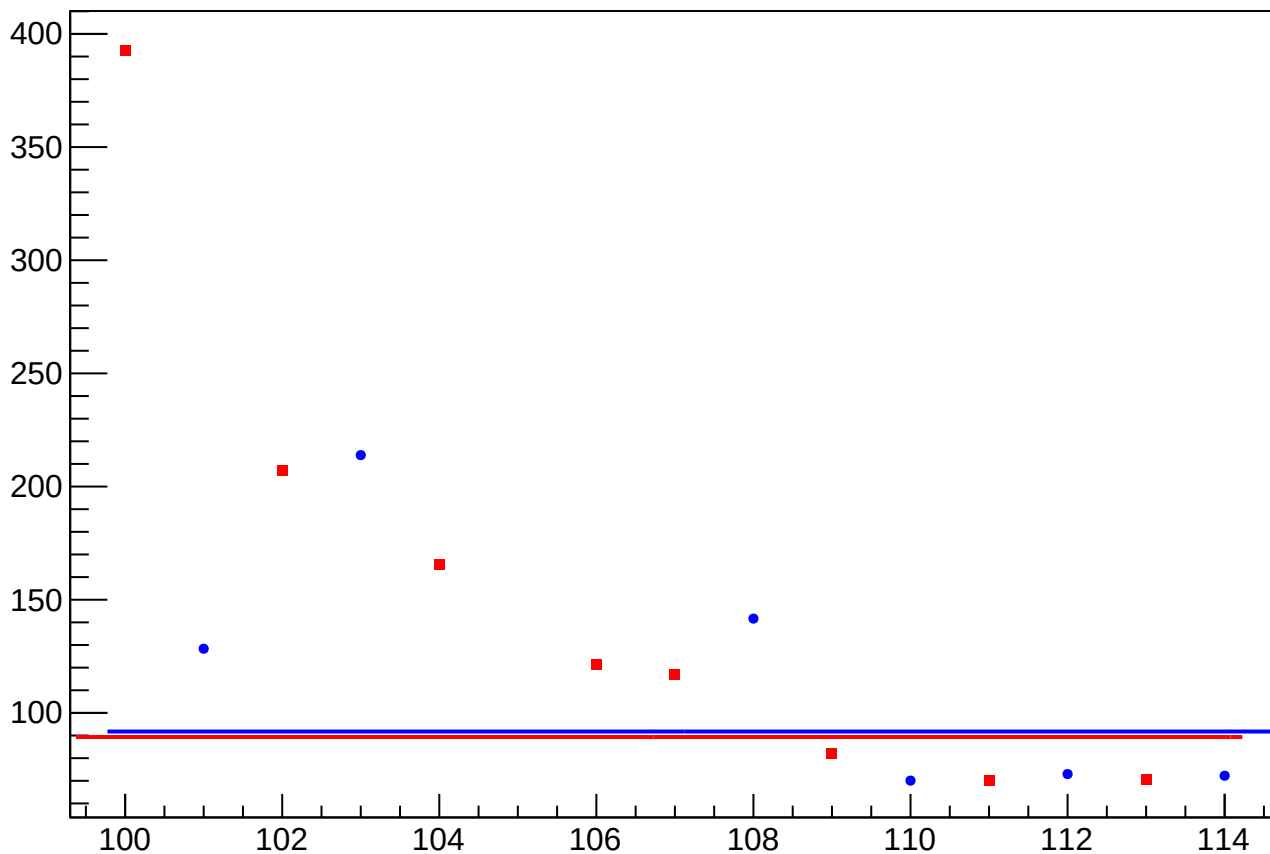
Right: 6.308+/-41.287 χ^2/NDF : 11.9/13

In: 19.363+/-62.183 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.308+/-41.287 χ^2/NDF : 11.9/13

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 91.778 $\pm$ 0.044 χ^2 /NDF: 721018.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.344 $\pm$ 0.039 χ^2 /NDF: 881834.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

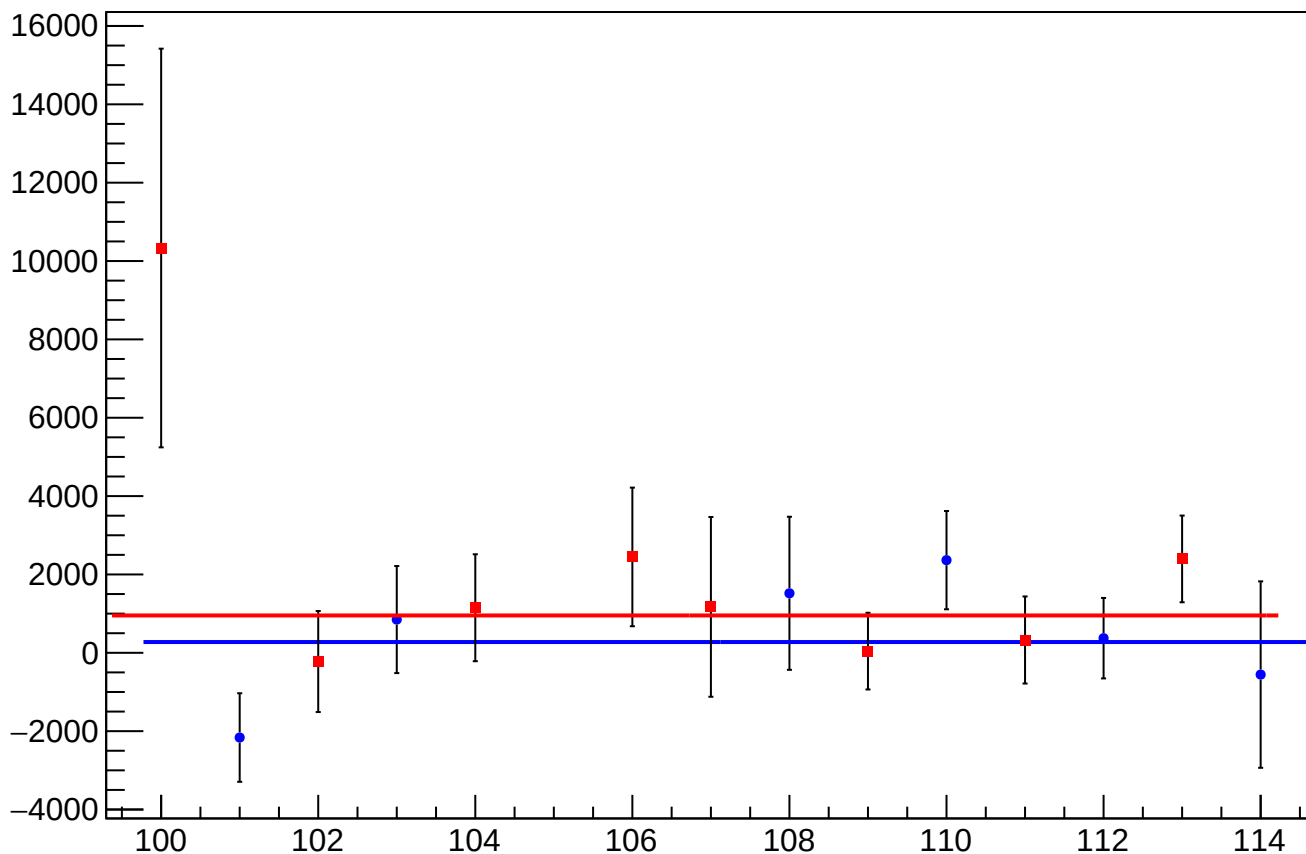
Right: 90.417 $\pm$ 0.029 χ^2 /NDF: 1604564.9/13

In: 91.778 $\pm$ 0.044 χ^2 /NDF:721018.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.417 $\pm$ 0.029 χ^2 /NDF: 1604564.9/13

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 274.809+/-547.096 χ^2/NDF : 8.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.447+/-479.113 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

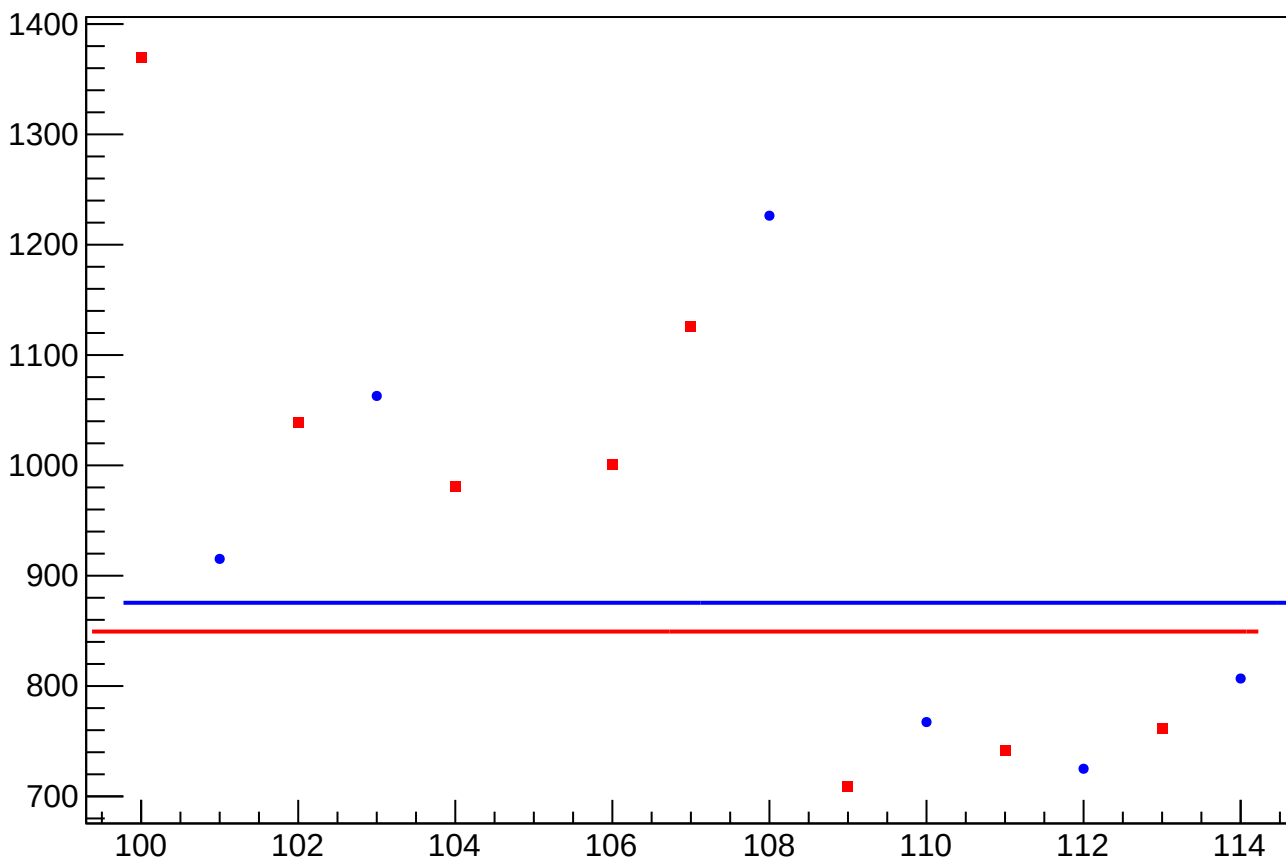
Right: 658.889+/-360.437 χ^2/NDF : 16.9/13

In: 274.809+/-547.096 χ^2/NDF : 8.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.889+/-360.437 χ^2/NDF : 16.9/13

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 875.468+/-0.387 χ^2/NDF : 164055.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 849.393+/-0.339 χ^2/NDF : 198187.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

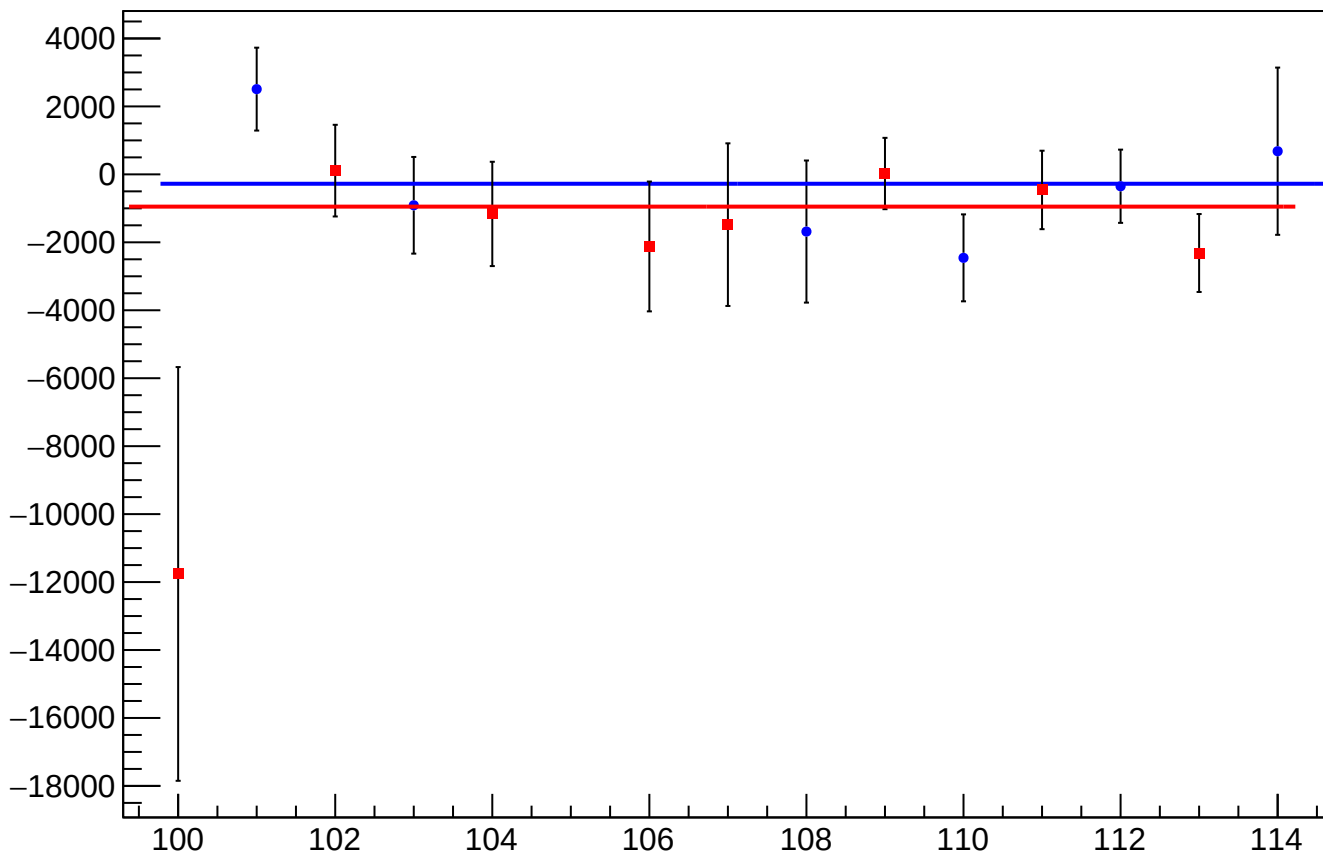
Right: 860.711+/-0.255 χ^2/NDF : 364814.3/13

In: 875.468+/-0.387 χ^2/NDF : 164055.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.711+/-0.255 χ^2/NDF : 364814.3/13

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

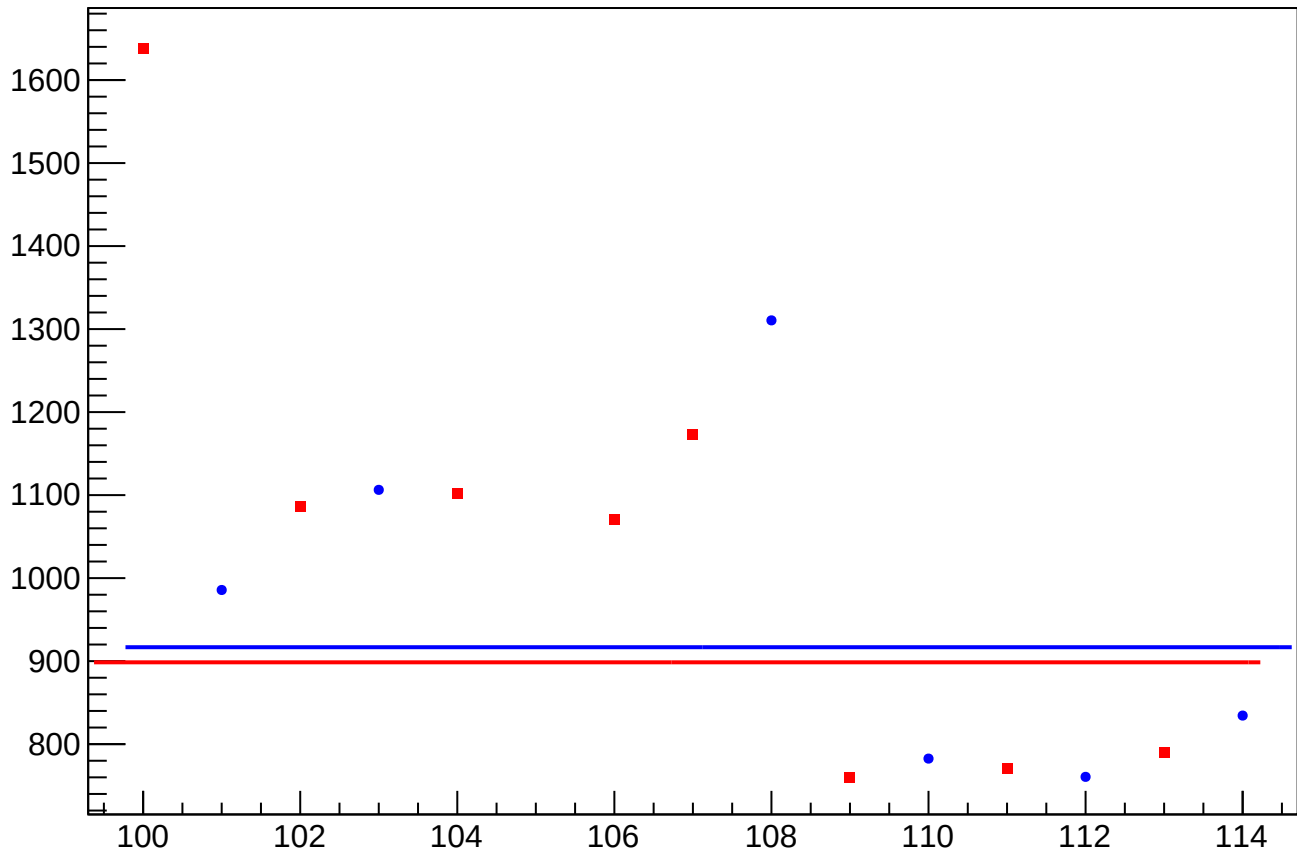
Right: -653.709+/-380.741 χ^2 /NDF: 16.4/13

In: -276.408+/-574.361 χ^2 /NDF:8.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -653.709+/-380.741 χ^2 /NDF: 16.4/13

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 916.768+/-0.406 χ^2/NDF : 179018.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 898.570+/-0.360 χ^2/NDF : 223355.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

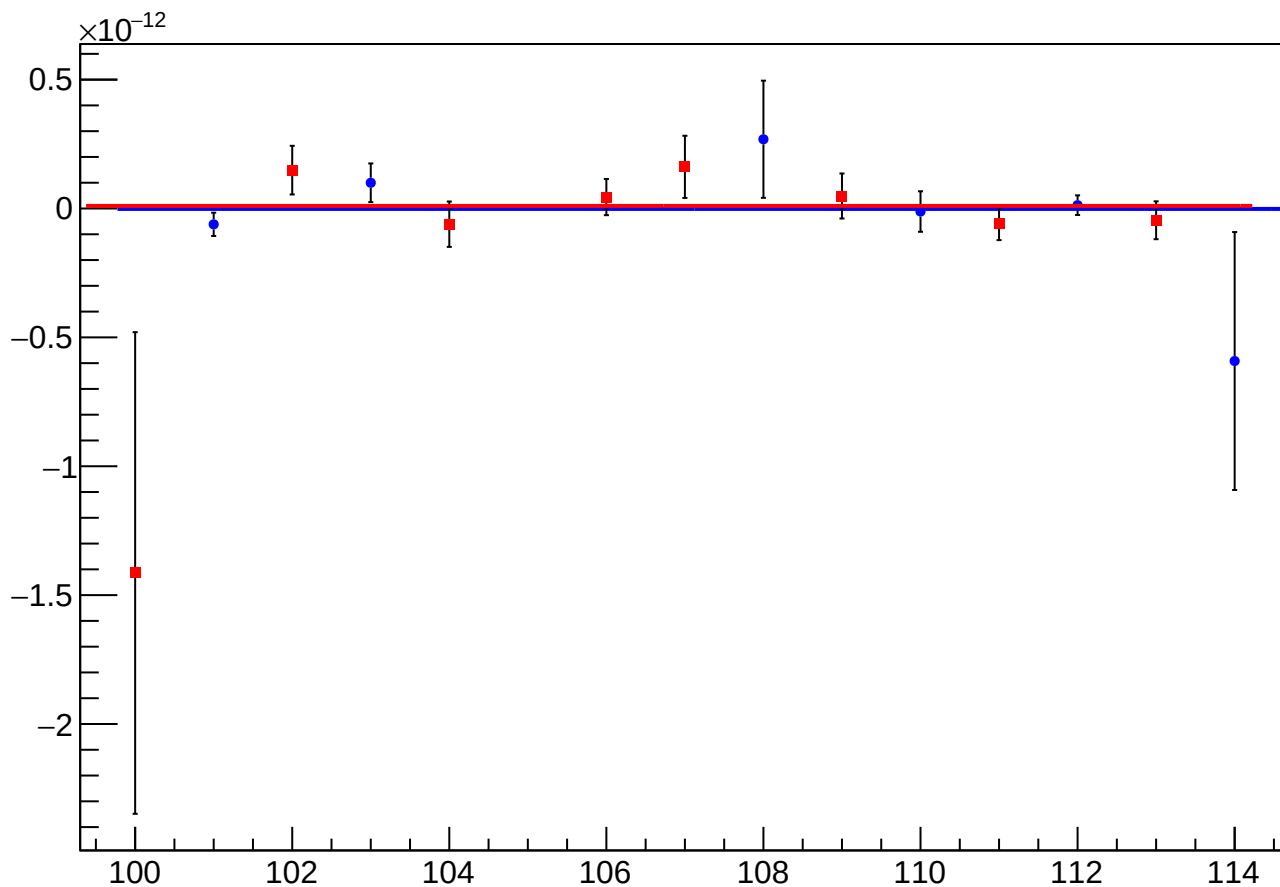
Right: 906.567+/-0.269 χ^2/NDF : 403499.7/13

In: 916.768+/-0.406 χ^2/NDF : 179018.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.567+/-0.269 χ^2/NDF : 403499.7/13

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

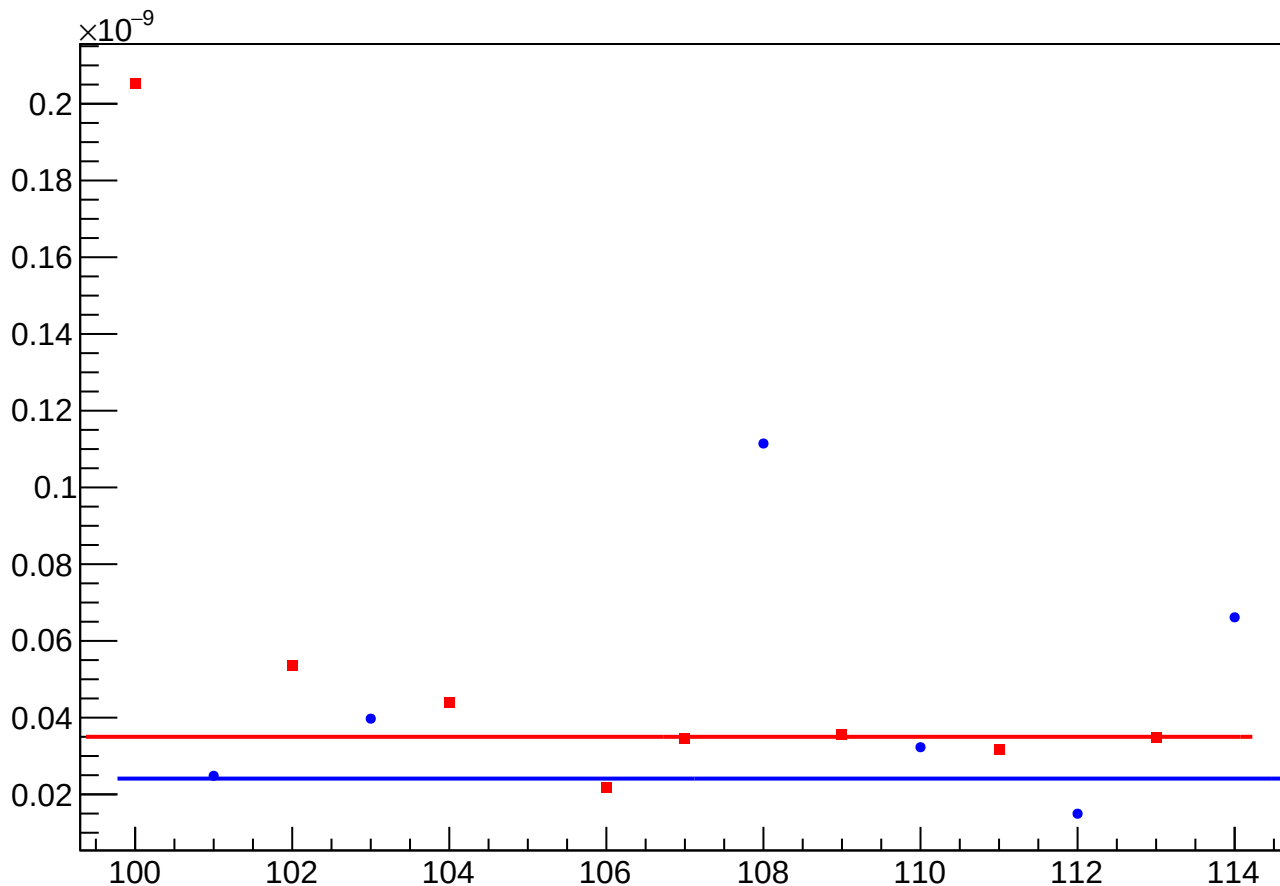
Right: 0.000+/-0.000 χ^2/NDF : 15.5/13

In: -0.000+/-0.000 χ^2/NDF : 6.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.5/13

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

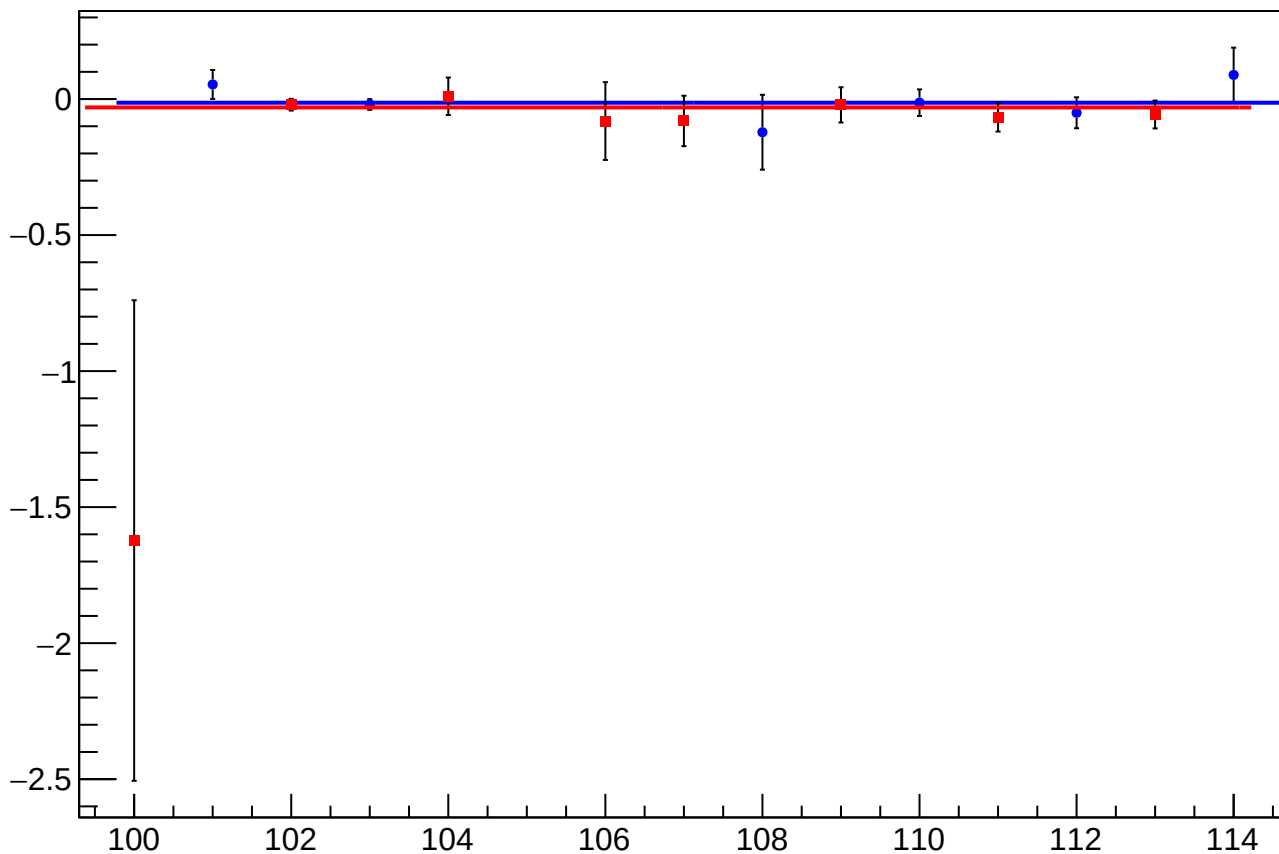
Right: 0.000+/-0.000 χ^2/NDF : 924816.5/13

In: 0.000+/-0.000 χ^2/NDF : 533480.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 924816.5/13

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

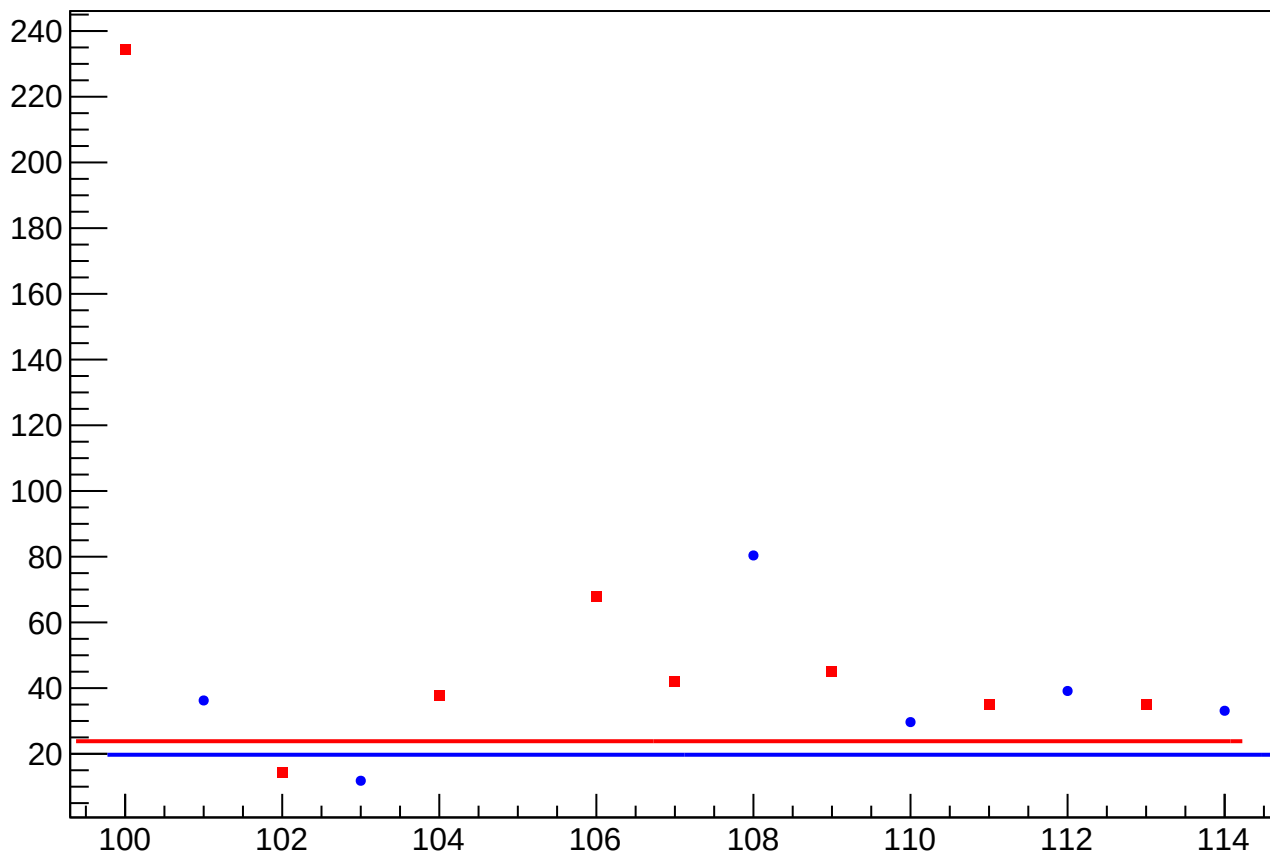
Right: -0.022+/-0.012 χ^2 /NDF: 9.3/13

In: -0.013+/-0.016 χ^2 /NDF:3.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.012 χ^2 /NDF: 9.3/13

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

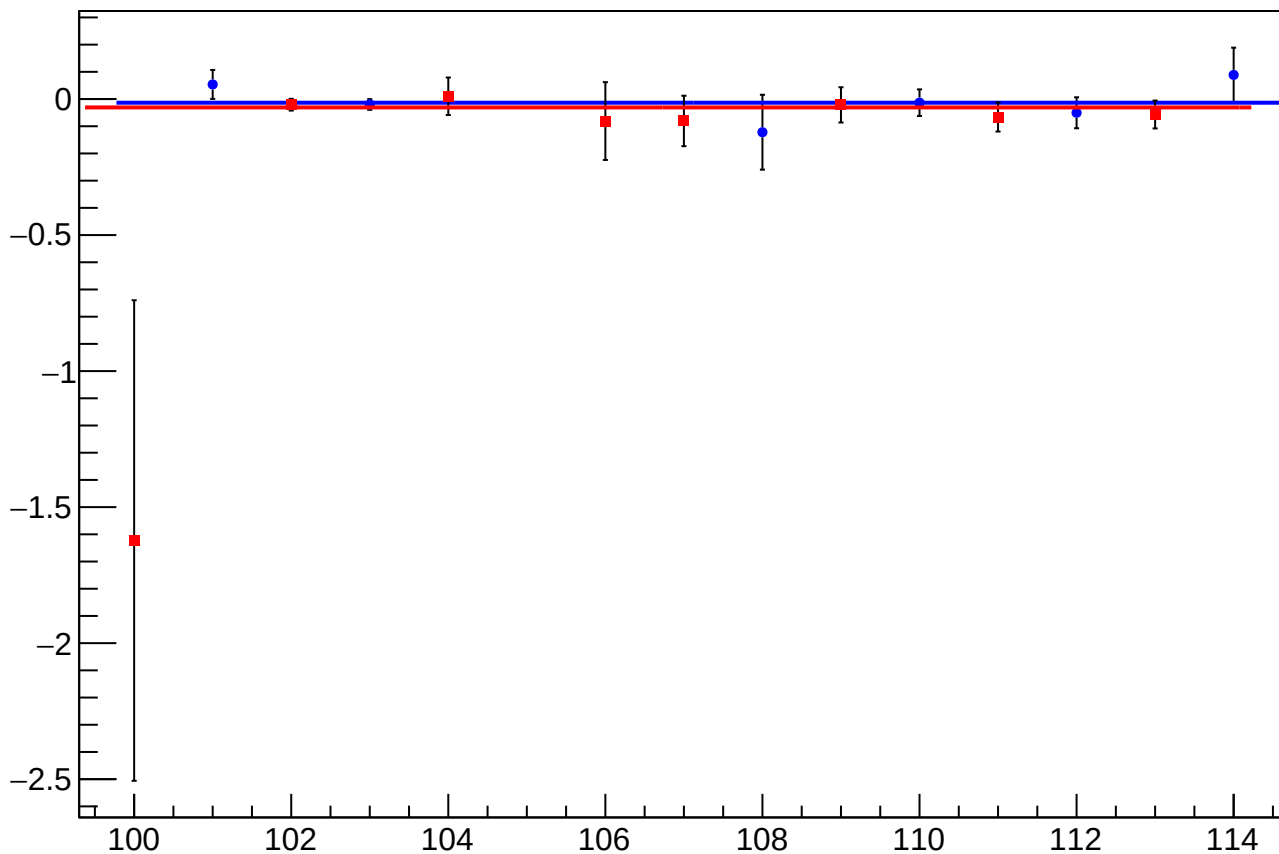
Right: 21.689+/-0.008 χ^2/NDF : 2573796.3/13

In: 19.721+/-0.011 χ^2/NDF : 1257312.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.689+/-0.008 χ^2/NDF : 2573796.3/13

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

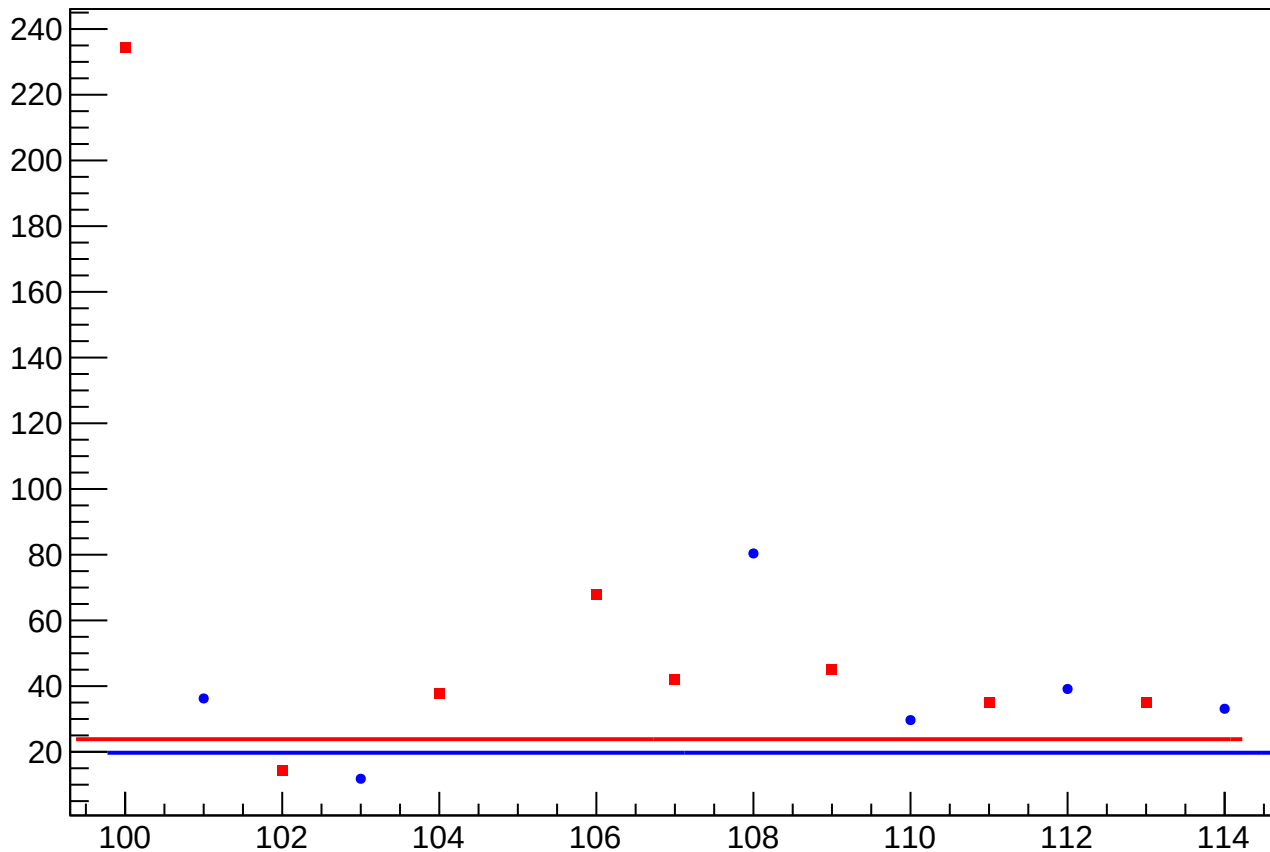
Right: -0.022 $\pm$ 0.012 χ^2 /NDF: 9.3/13

In: -0.013 $\pm$ 0.016 χ^2 /NDF:3.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.012 χ^2 /NDF: 9.3/13

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

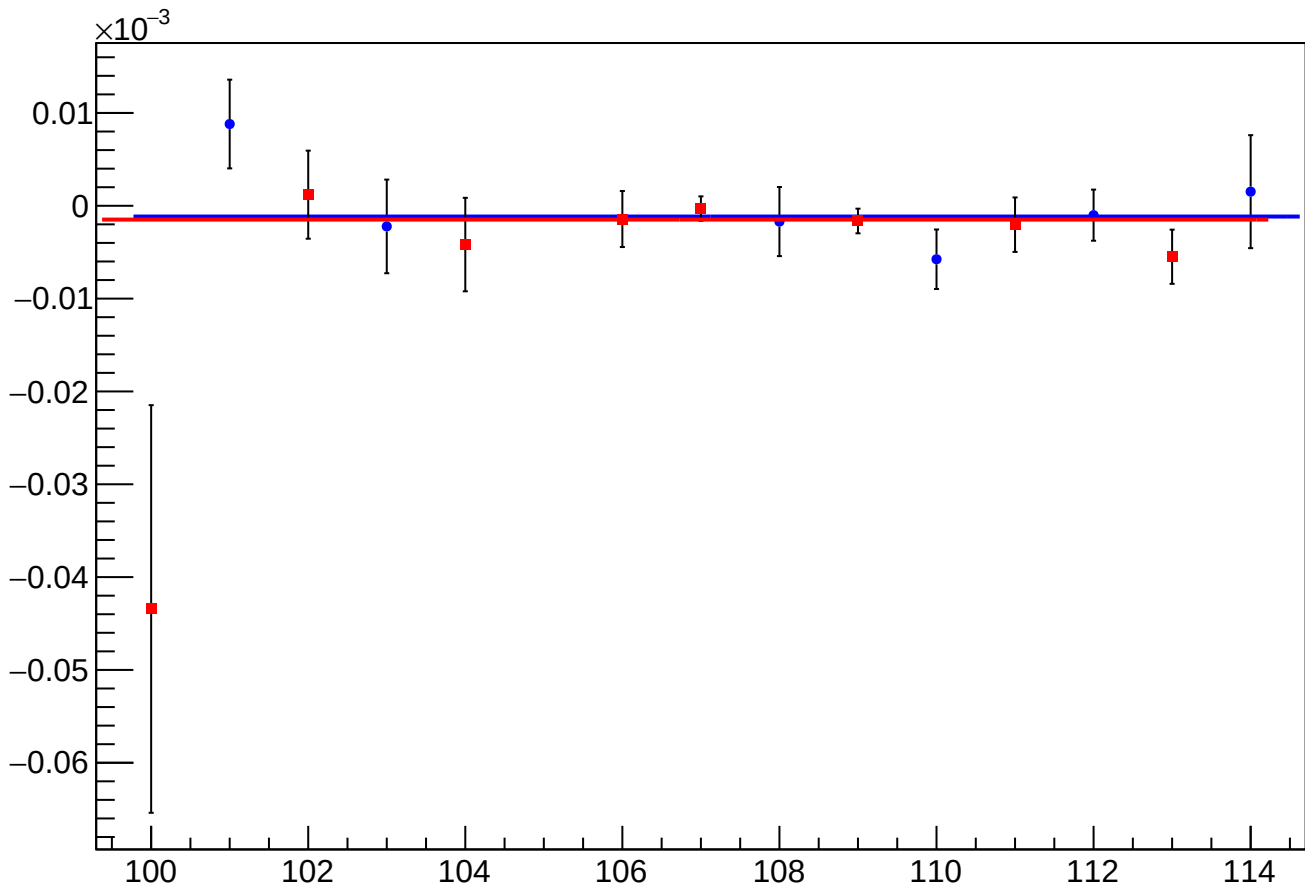
Right: 21.689+/-0.008 χ^2/NDF : 2573796.3/13

In: 19.721+/-0.011 χ^2/NDF : 1257312.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.689+/-0.008 χ^2/NDF : 2573796.3/13

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.7/5

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

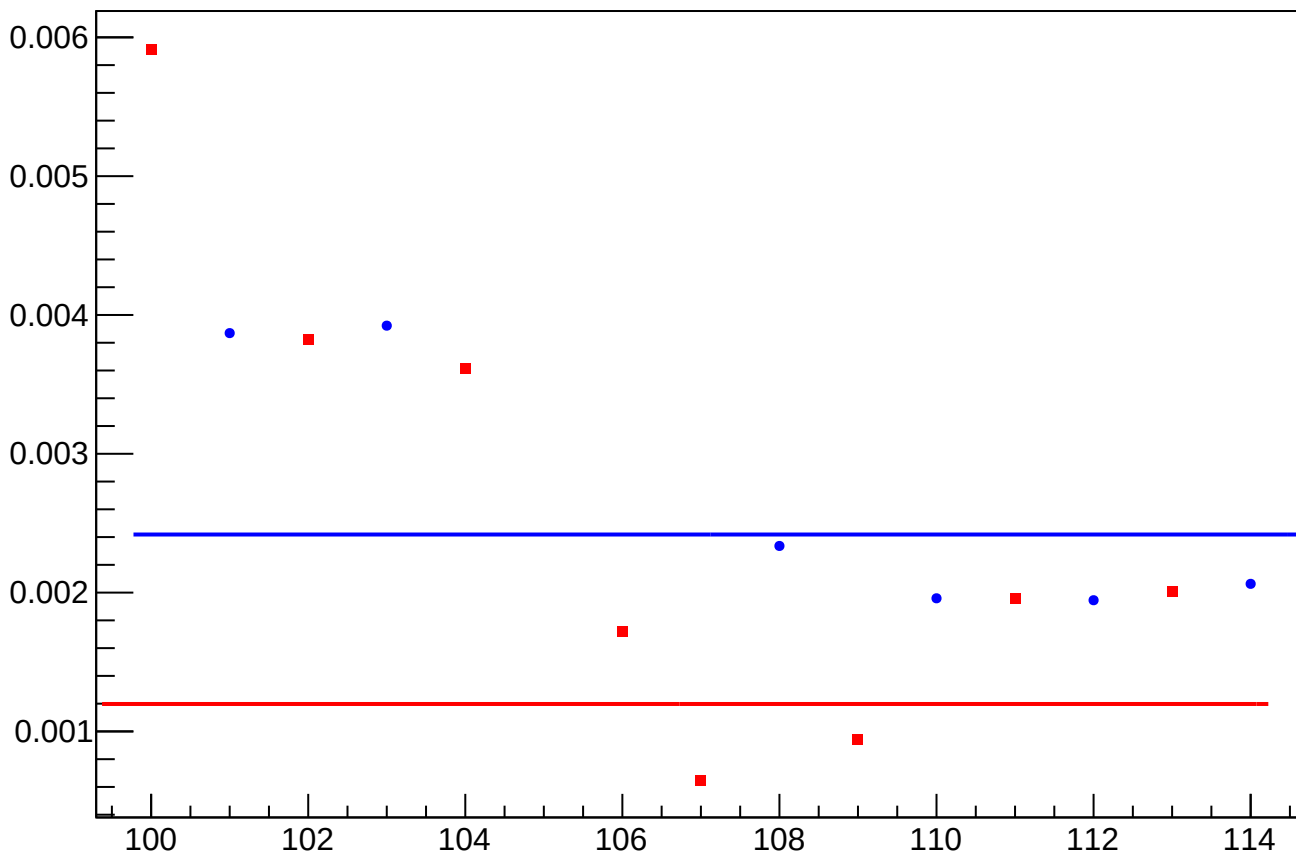
Right: -0.000+/-0.000 χ^2 /NDF: 13.7/13

In: -0.000+/-0.000 χ^2 /NDF:6.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.7/13

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

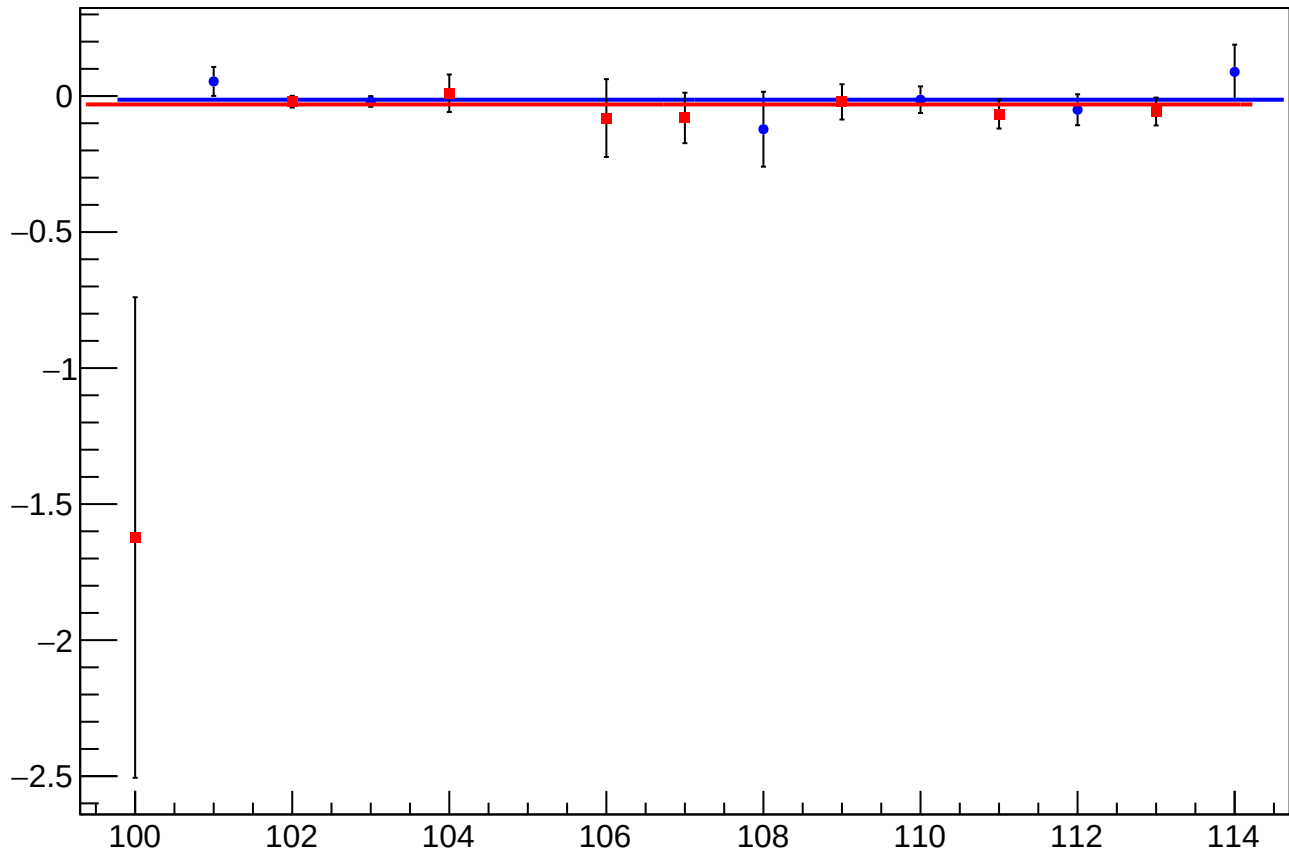
Right: 0.001+/-0.000 χ^2/NDF : 3383576.0/13

In: 0.002+/-0.000 χ^2/NDF : 470343.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3383576.0/13

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

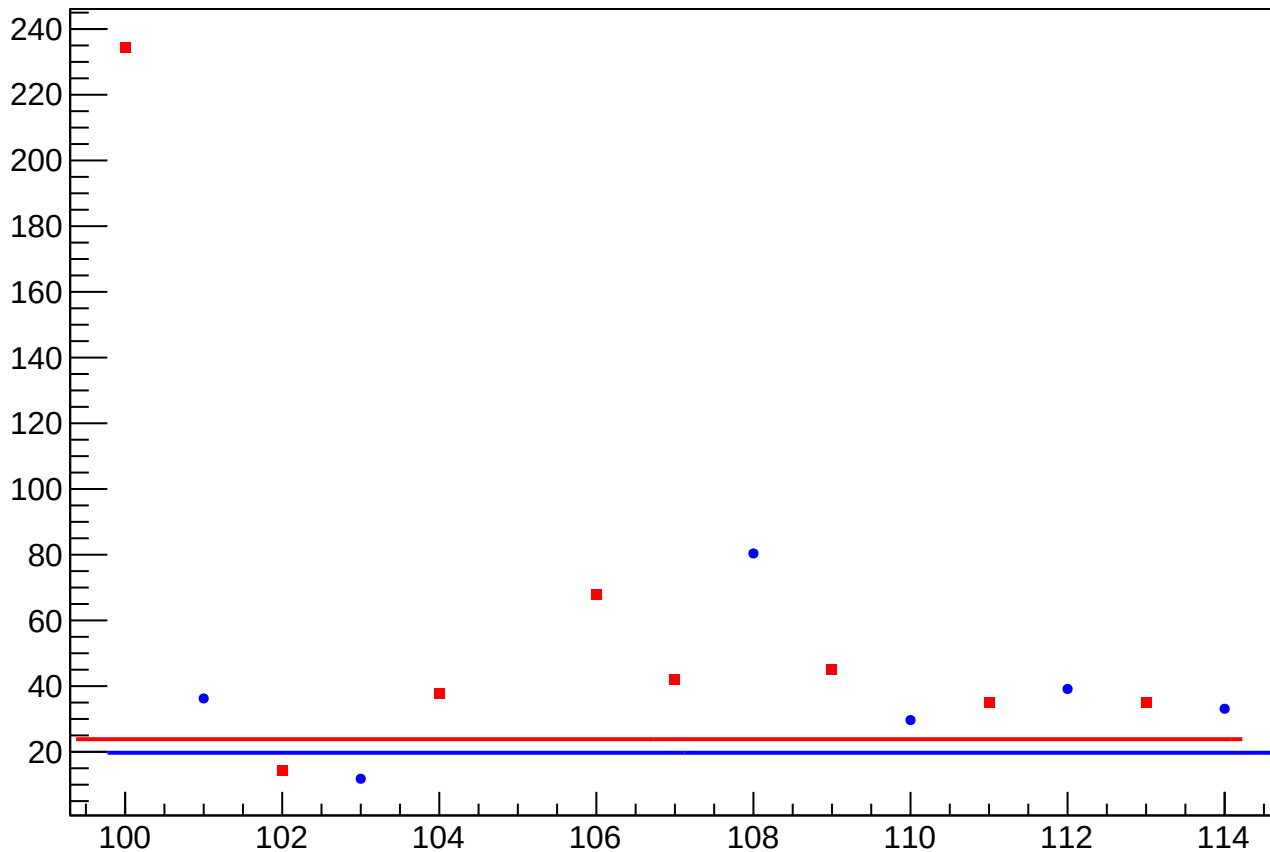
Right: -0.022 ± 0.012 χ^2/NDF : 9.3/13

In: -0.013 ± 0.016 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.012 χ^2/NDF : 9.3/13

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

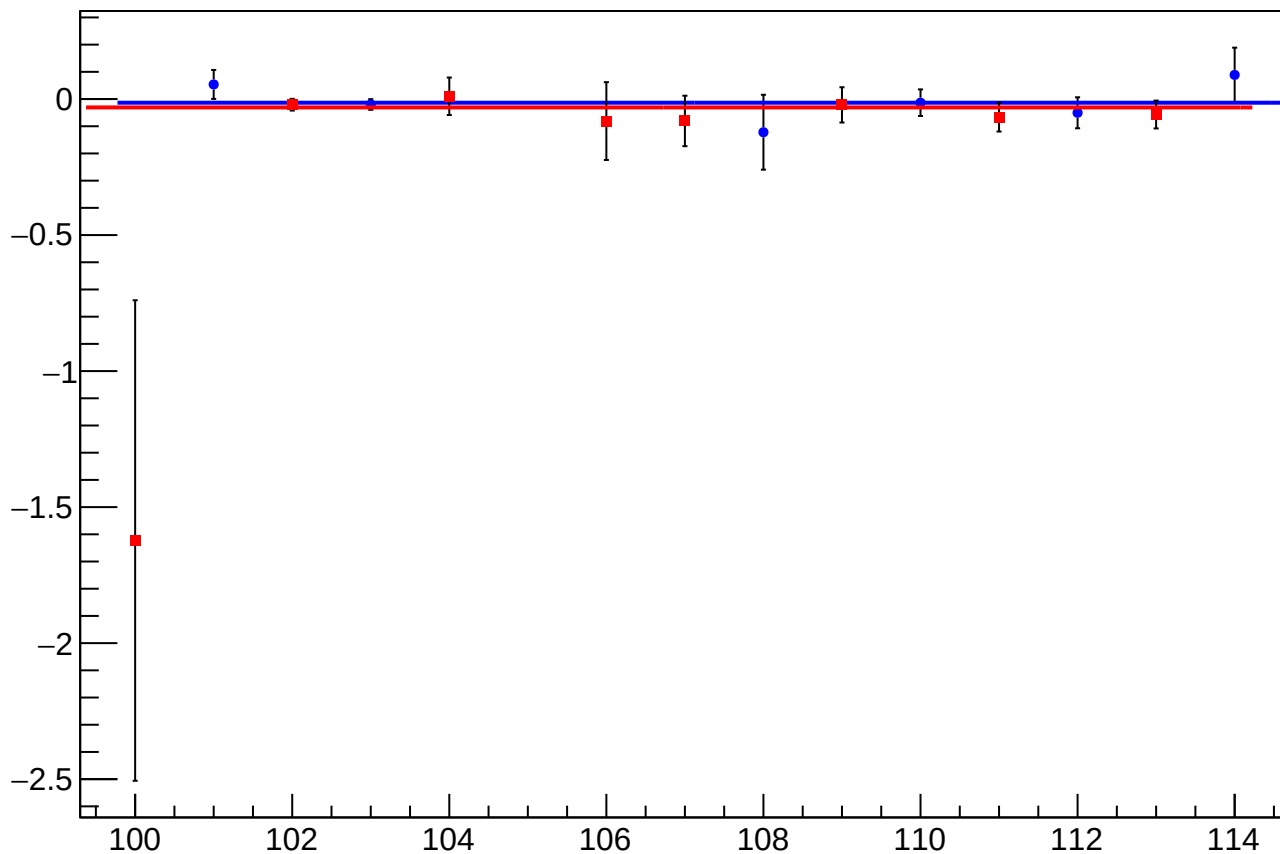
Right: 21.690+/-0.008 χ^2/NDF : 2573821.1/13

In: 19.720+/-0.011 χ^2/NDF : 1257494.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.690+/-0.008 χ^2/NDF : 2573821.1/13

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

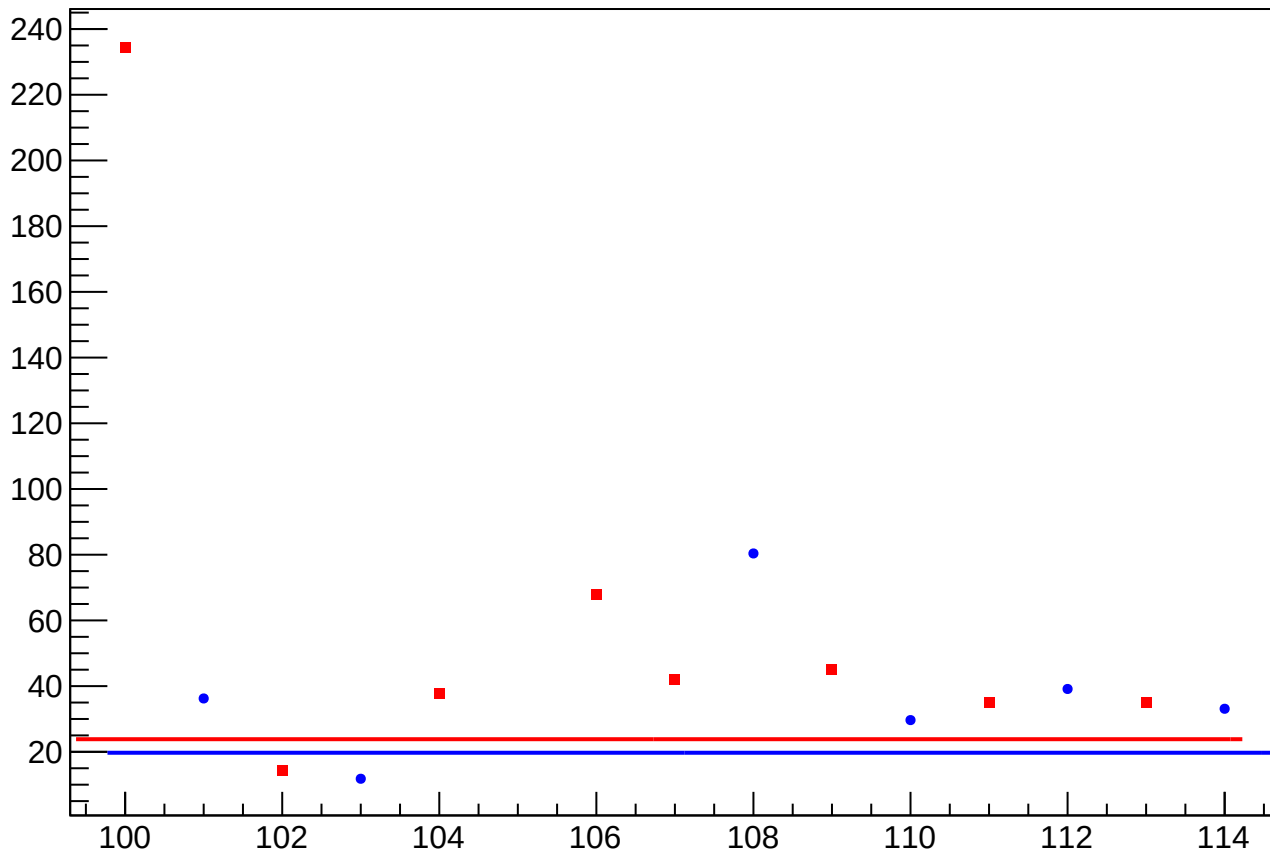
Right: -0.022 $\pm$ 0.012 χ^2 /NDF: 9.3/13

In: -0.013 $\pm$ 0.016 χ^2 /NDF:3.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.012 χ^2 /NDF: 9.3/13

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

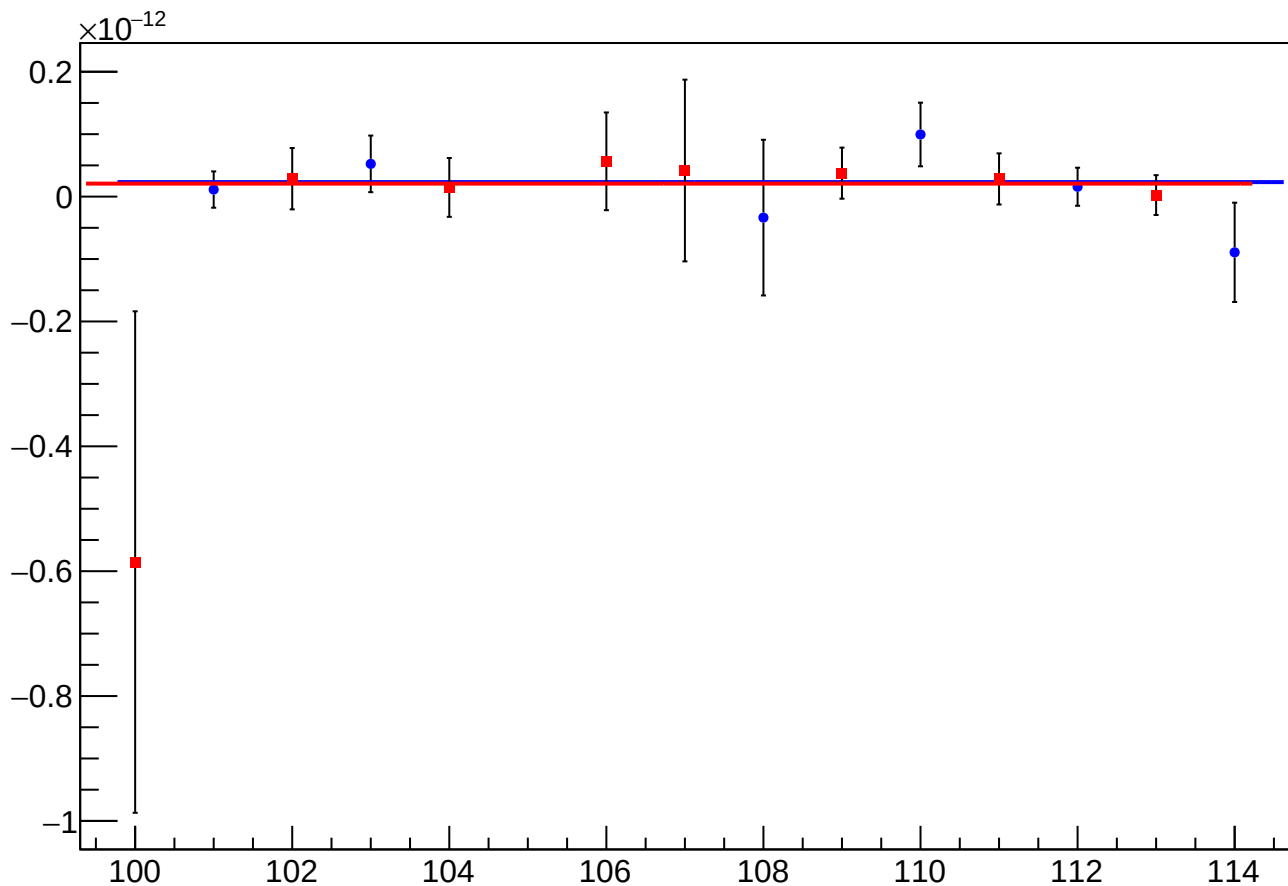
Right: 21.690+/-0.008 χ^2/NDF : 2573821.1/13

In: 19.720+/-0.011 χ^2/NDF : 1257494.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.690+/-0.008 χ^2/NDF : 2573821.1/13

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

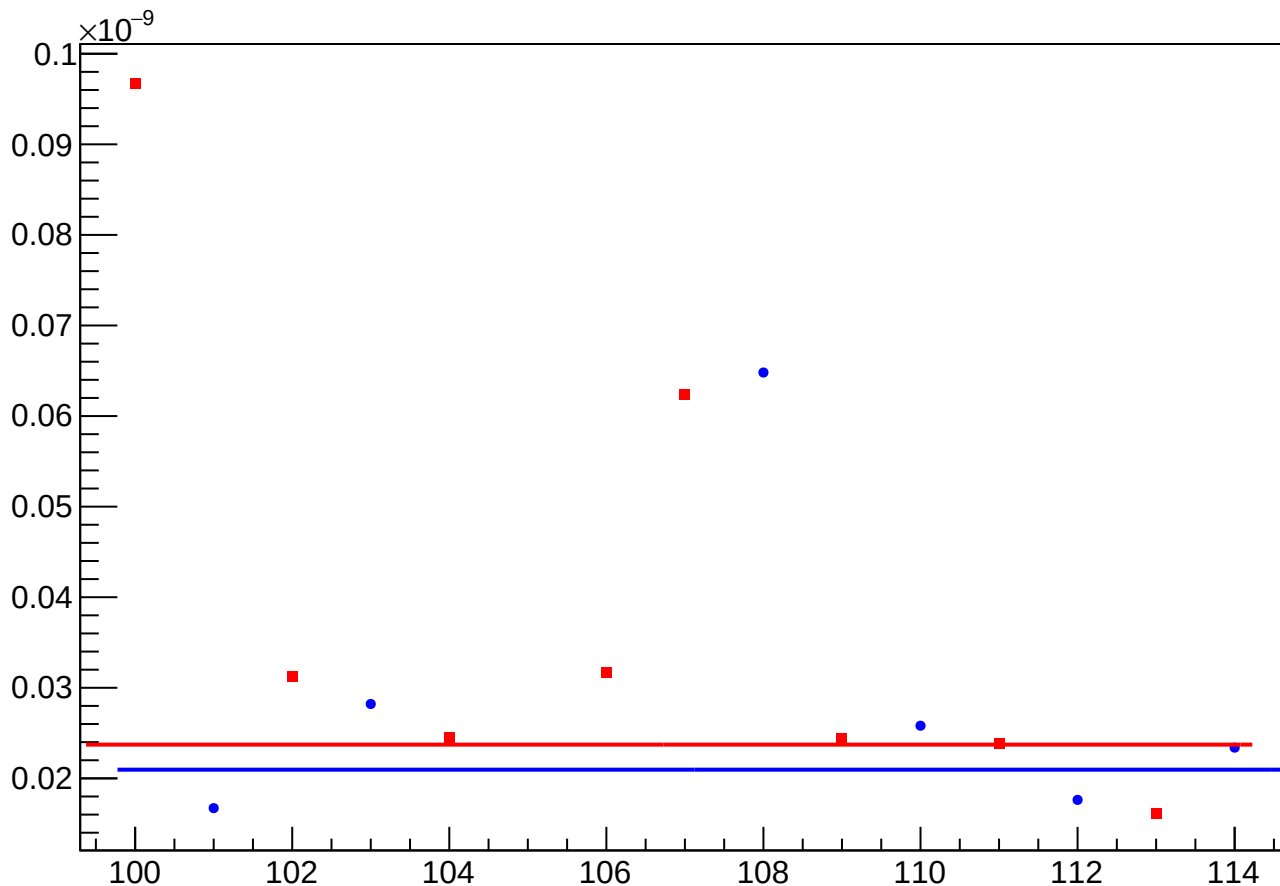
Right: 0.000+/-0.000 χ^2/NDF : 8.2/13

In: 0.000+/-0.000 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/13

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

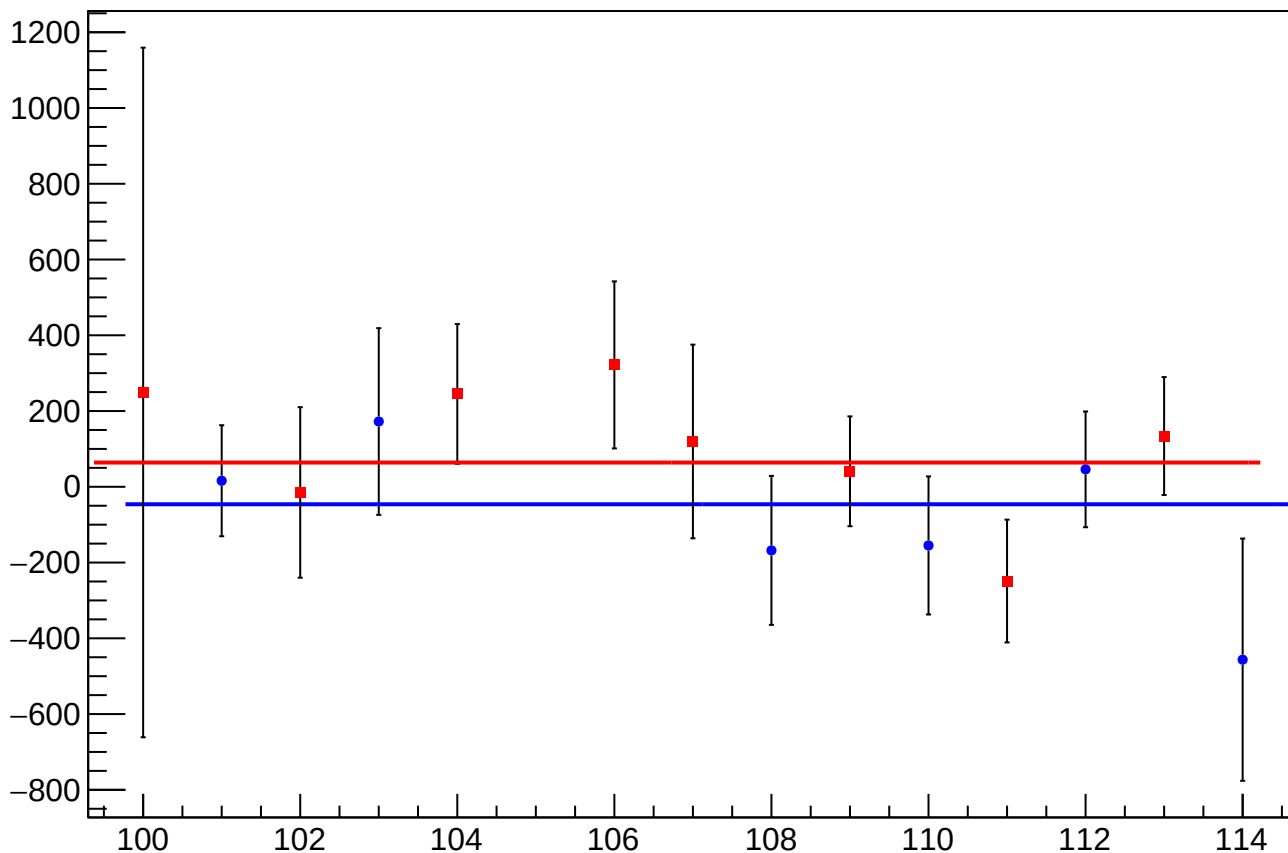
Right: 0.000+/-0.000 χ^2/NDF : 799798.9/13

In: 0.000+/-0.000 χ^2/NDF : 385065.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 799798.9/13

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -46.115+/-76.342 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 64.056+/-68.502 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

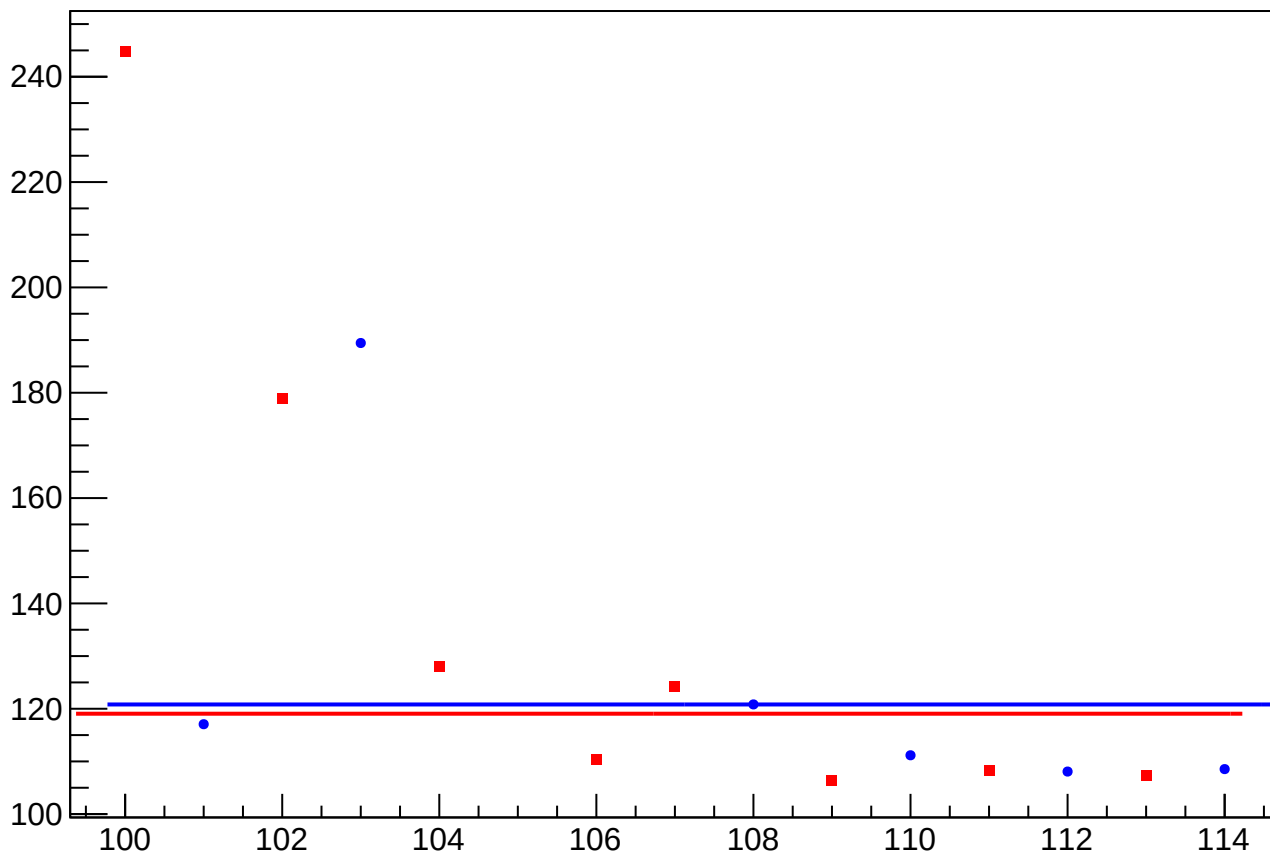
Right: 14.917+/-50.985 χ^2/NDF : 11.4/13

In: -46.115+/-76.342 χ^2/NDF :3.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.917+/-50.985 χ^2/NDF : 11.4/13

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 120.814+/-0.054 χ^2/NDF : 178856.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.058+/-0.048 χ^2/NDF : 223910.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

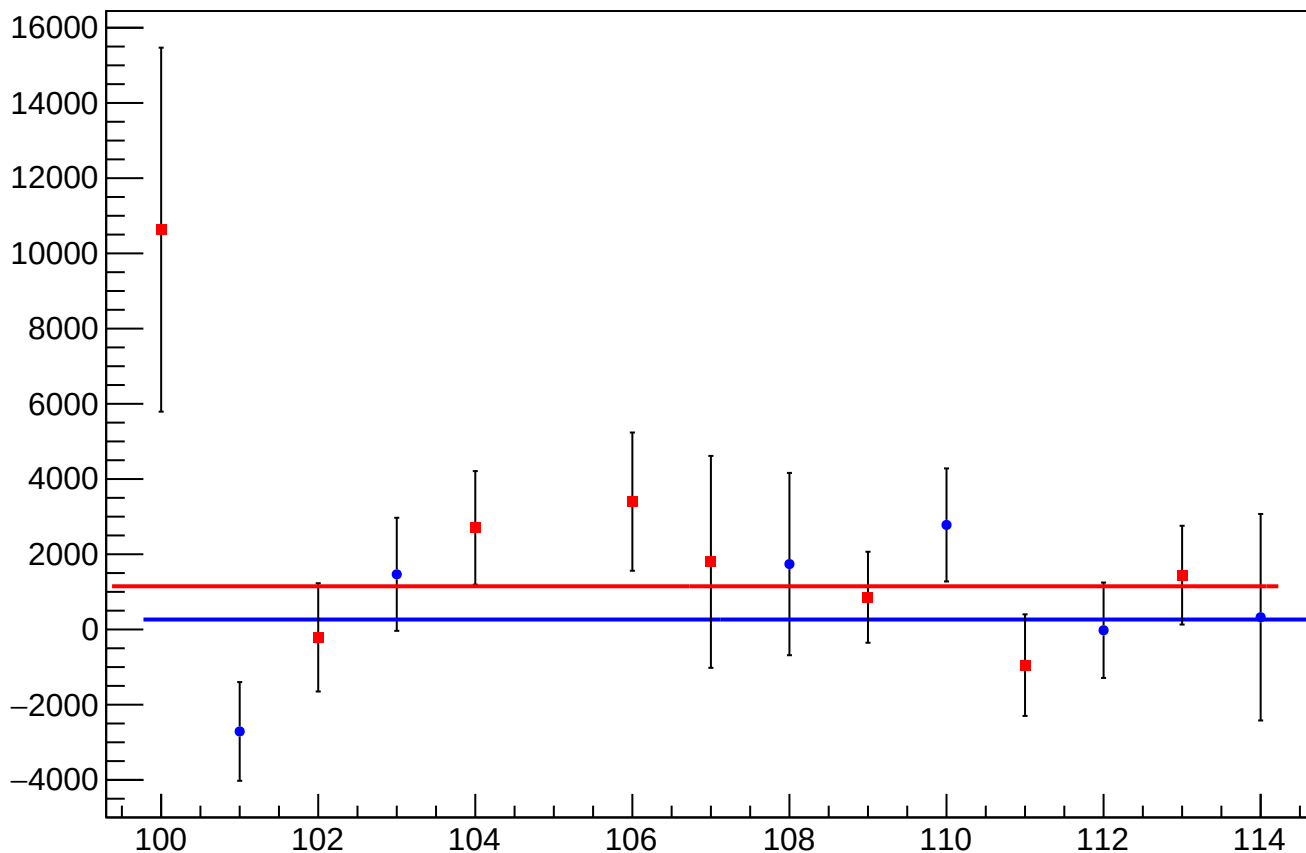
Right: 119.841+/-0.036 χ^2/NDF : 403352.3/13

In: 120.814+/-0.054 χ^2/NDF : 178856.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.841+/-0.036 χ^2/NDF : 403352.3/13

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

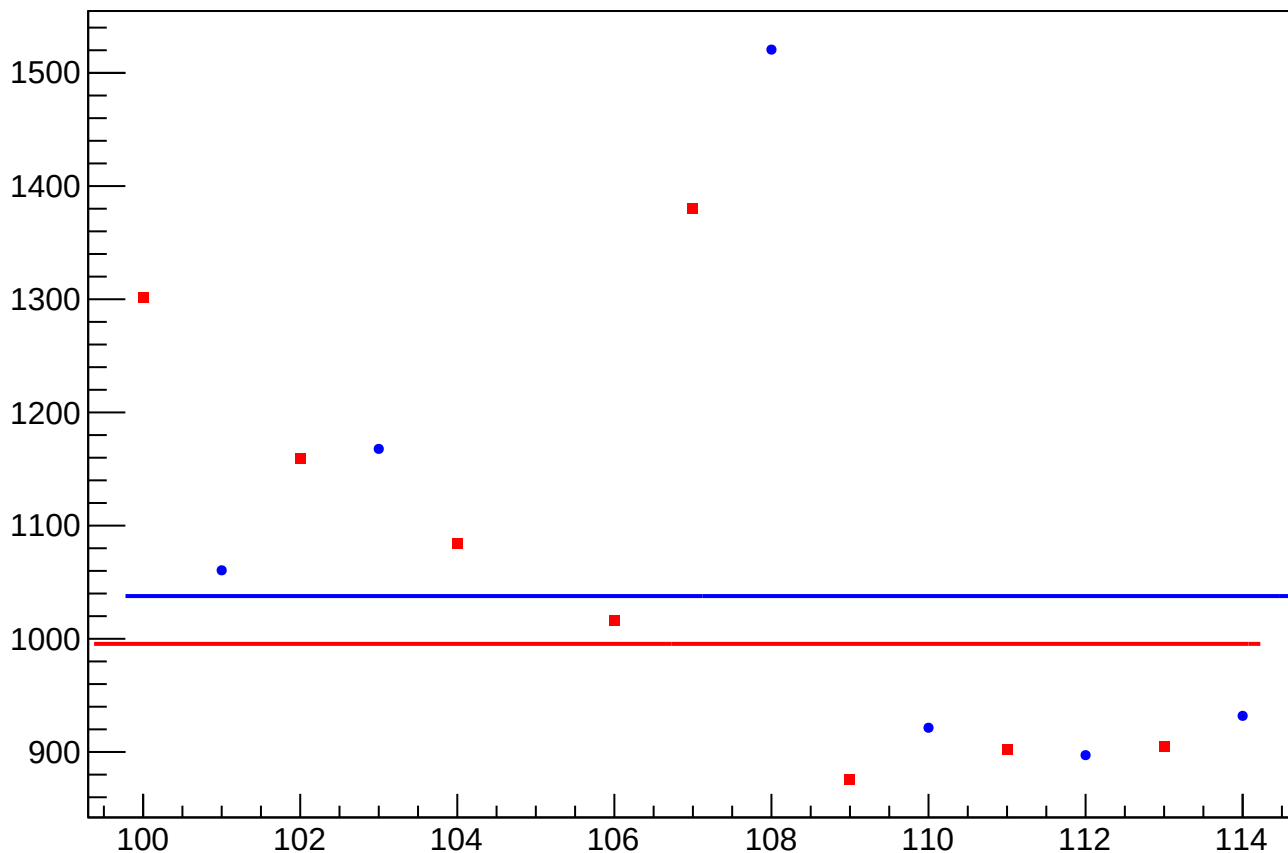
Right: 770.607+/-423.046 χ^2/NDF : 19.9/13

In: 264.731+/-646.844 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.607+/-423.046 χ^2/NDF : 19.9/13

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1037.758+/-0.457 χ^2/NDF : 134424.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.526+/-0.395 χ^2/NDF : 117203.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

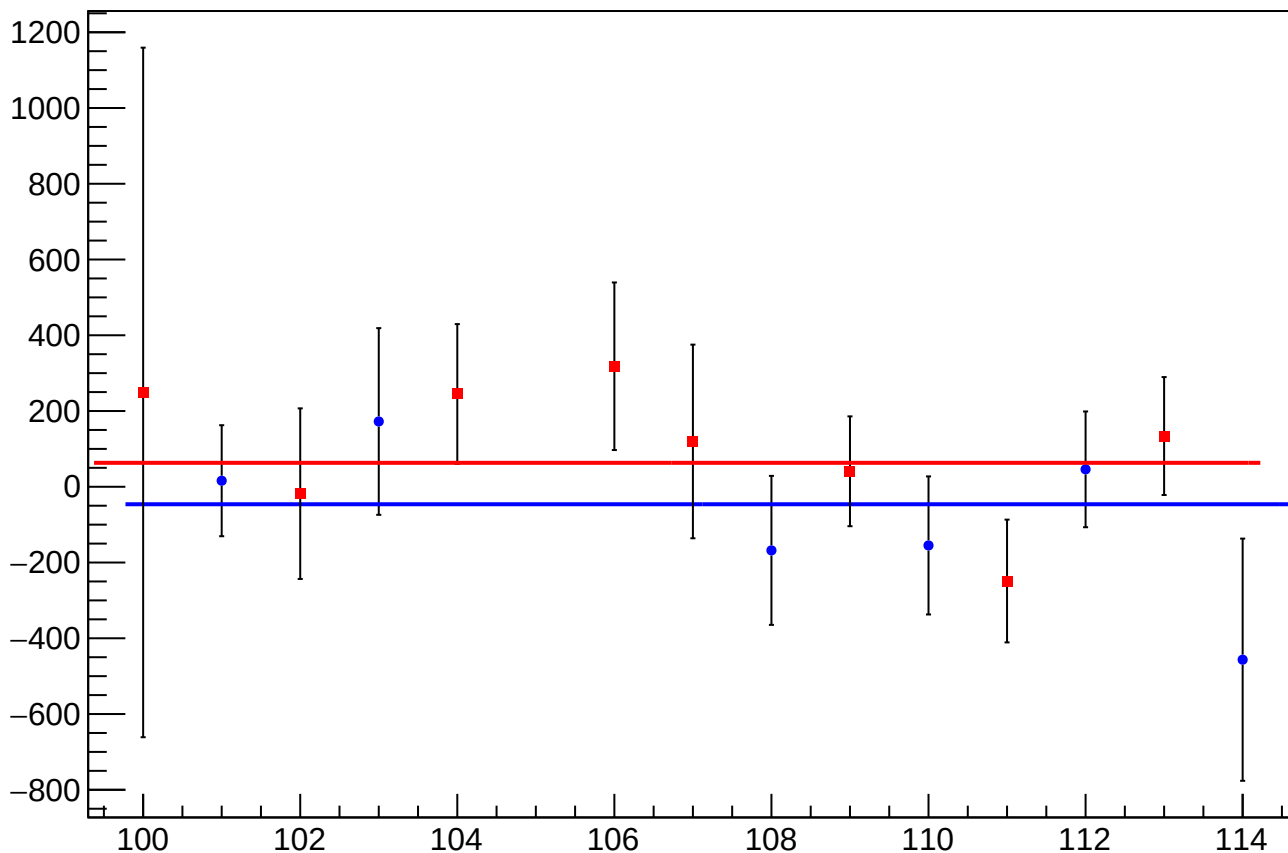
Right: 1013.590+/-0.299 χ^2/NDF : 256506.6/13

In: 1037.758+/-0.457 χ^2/NDF : 134424.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.590+/-0.299 χ^2/NDF : 256506.6/13

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -46.136+/-76.342 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 63.245+/-68.526 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

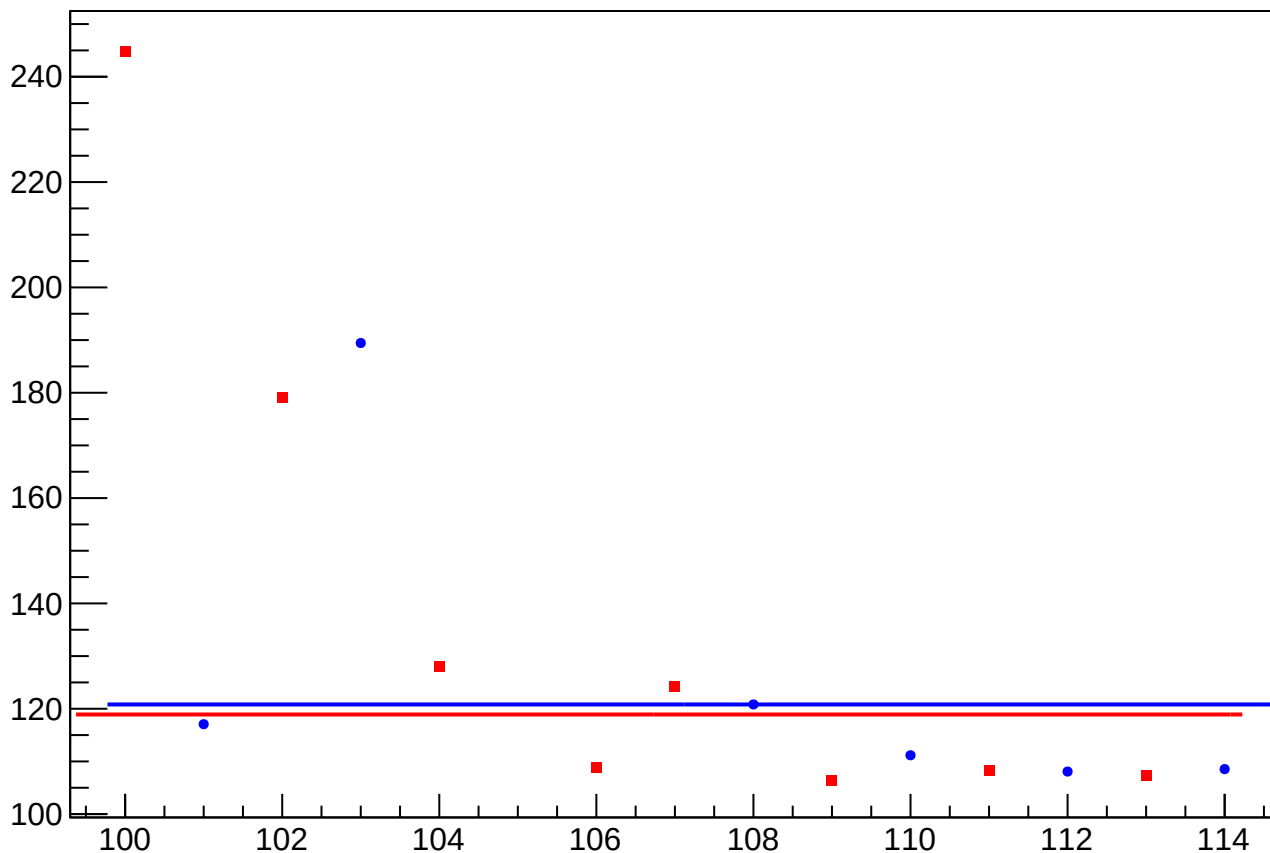
Right: 14.439+/-50.995 χ^2/NDF : 11.3/13

In: -46.136+/-76.342 χ^2/NDF :3.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.439+/-50.995 χ^2/NDF : 11.3/13

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 120.814+/-0.054 χ^2/NDF : 178859.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.912+/-0.048 χ^2/NDF : 225359.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

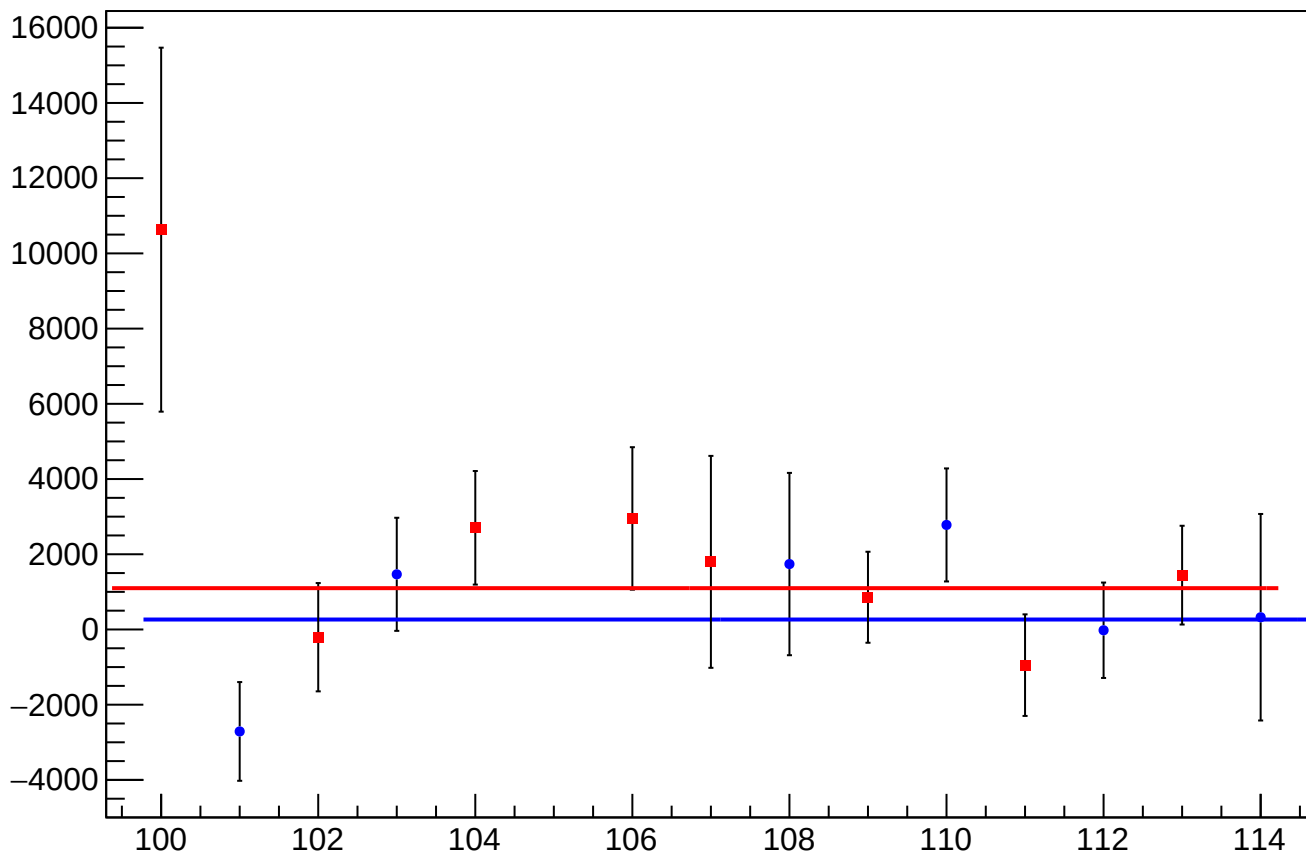
Right: 119.761+/-0.036 χ^2/NDF : 404906.1/13

In: 120.814+/-0.054 χ^2/NDF : 178859.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.761+/-0.036 χ^2/NDF : 404906.1/13

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

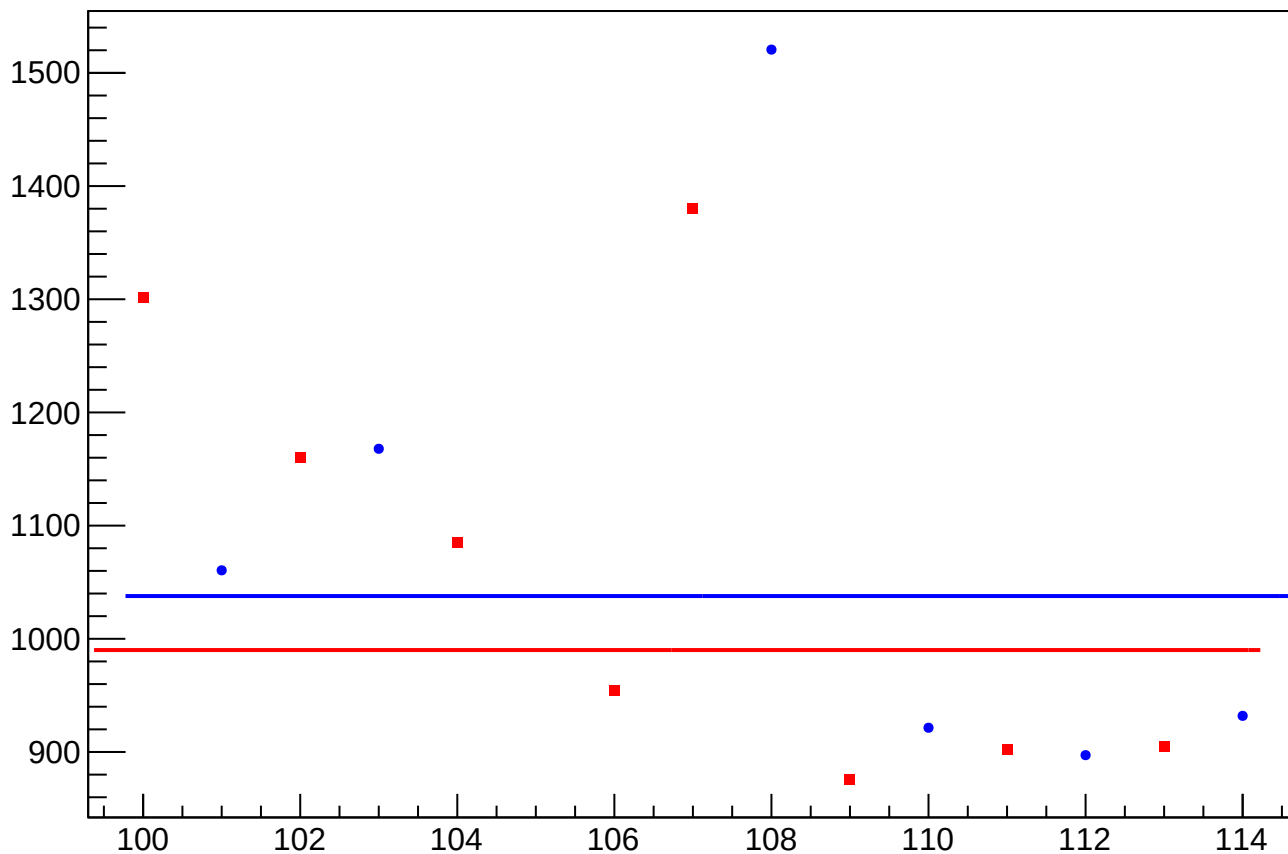
Right: 740.652+/-423.730 χ^2/NDF : 19.2/13

In: 264.622+/-646.854 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.652+/-423.730 χ^2/NDF : 19.2/13

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

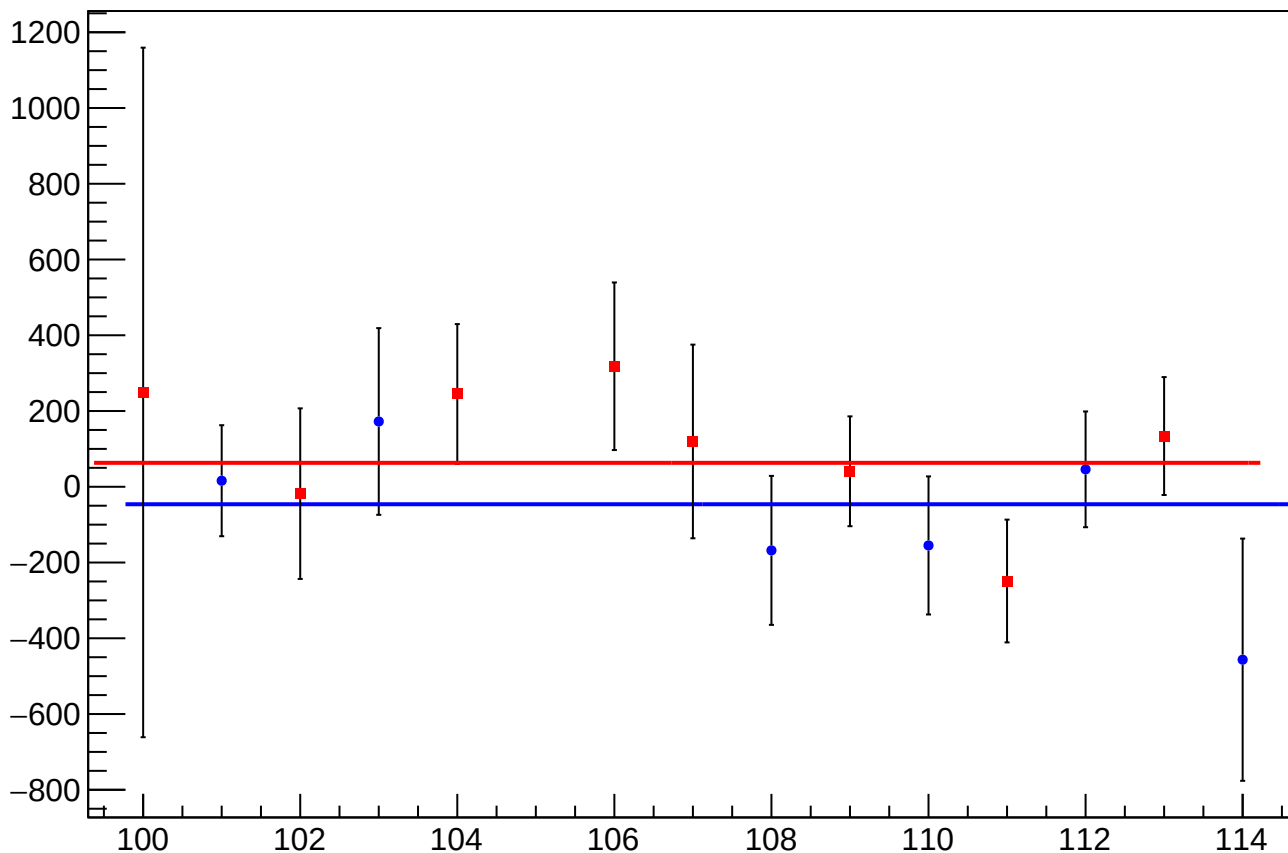
Right: 1010.533+/-0.300 χ^2/NDF : 258548.2/13

In: 1037.773+/-0.457 χ^2/NDF : 134444.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.533+/-0.300 χ^2/NDF : 258548.2/13

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -46.136+/-76.342 χ^2/NDF : 3.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.245+/-68.526 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

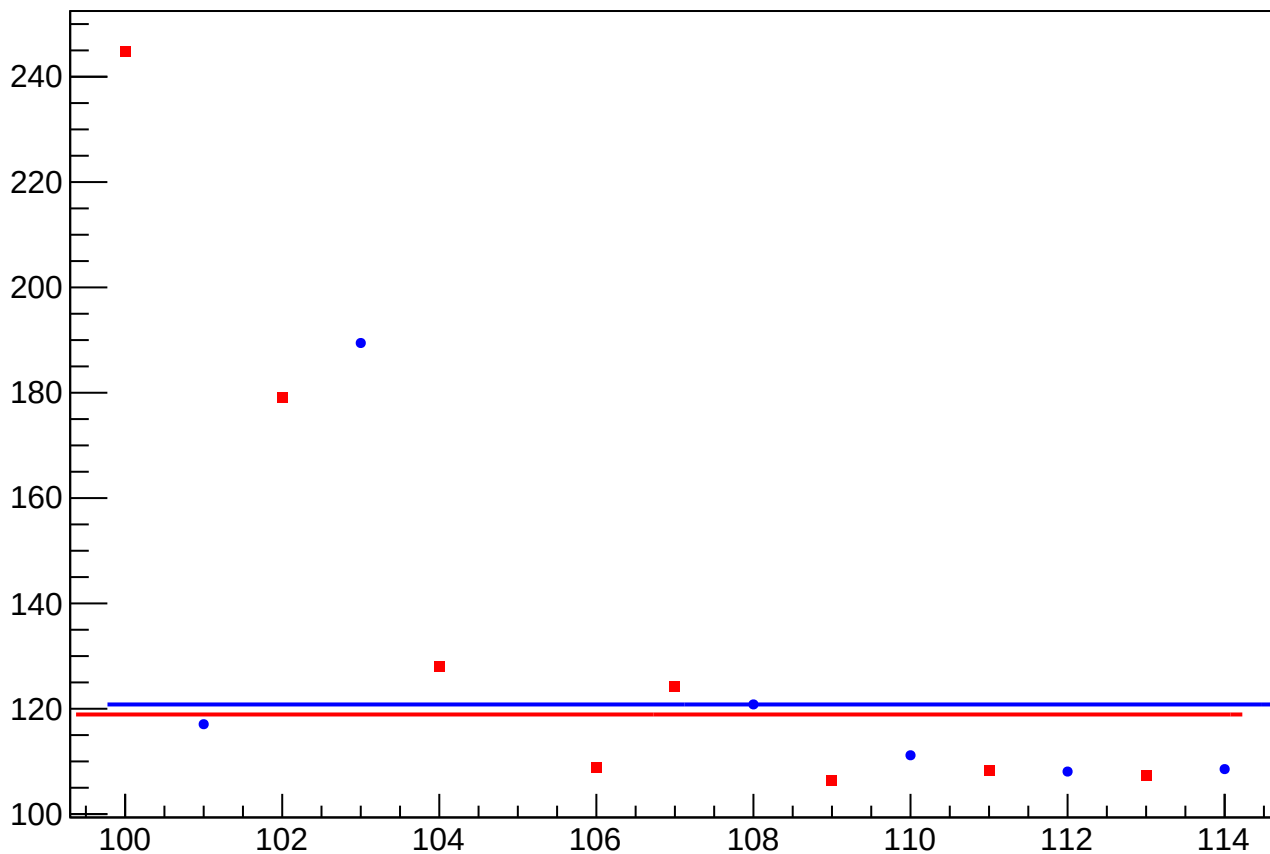
Right: 14.439+/-50.995 χ^2/NDF : 11.3/13

In: -46.136+/-76.342 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.439+/-50.995 χ^2/NDF : 11.3/13

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 120.814+/-0.054 χ^2/NDF : 178859.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.912+/-0.048 χ^2/NDF : 225359.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

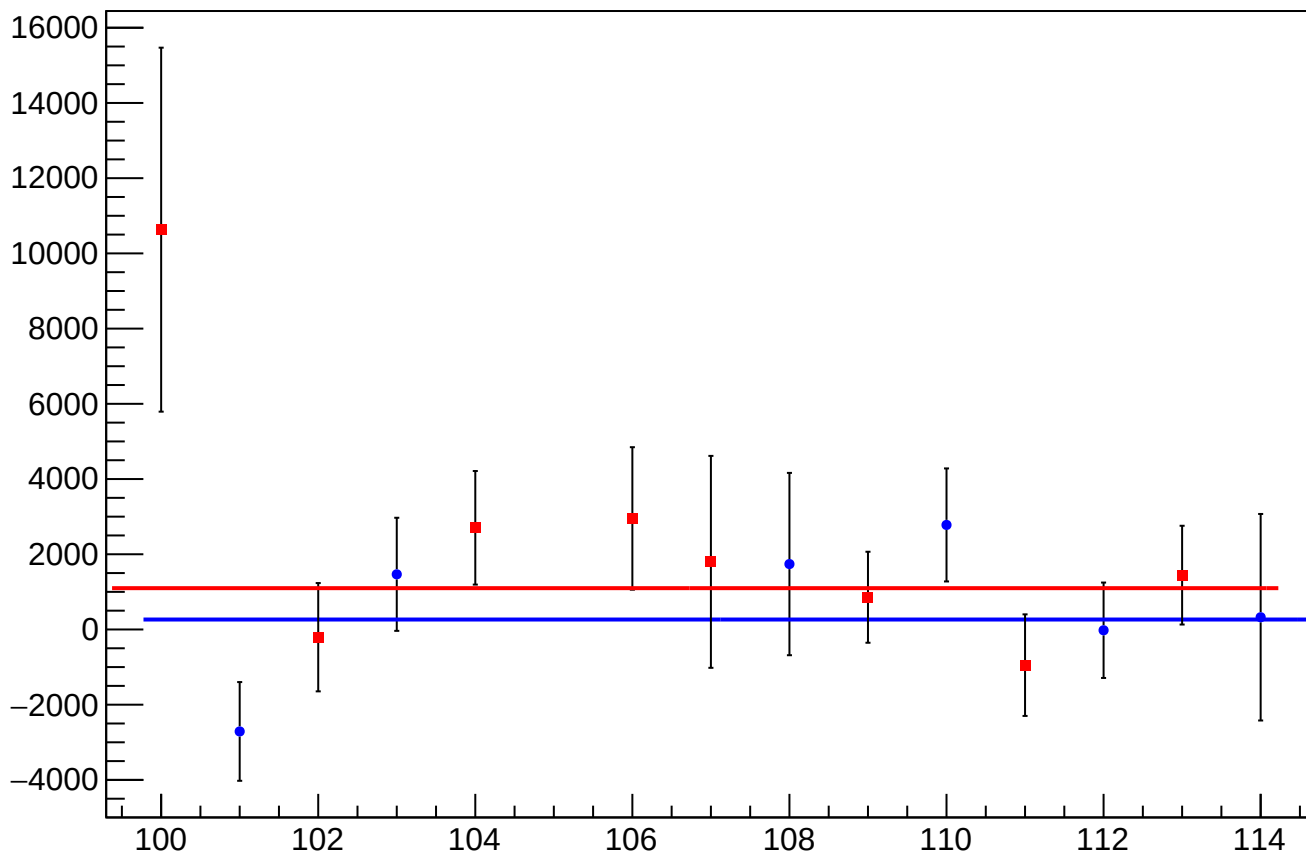
Right: 119.761+/-0.036 χ^2/NDF : 404906.1/13

In: 120.814+/-0.054 χ^2/NDF : 178859.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.761+/-0.036 χ^2/NDF : 404906.1/13

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

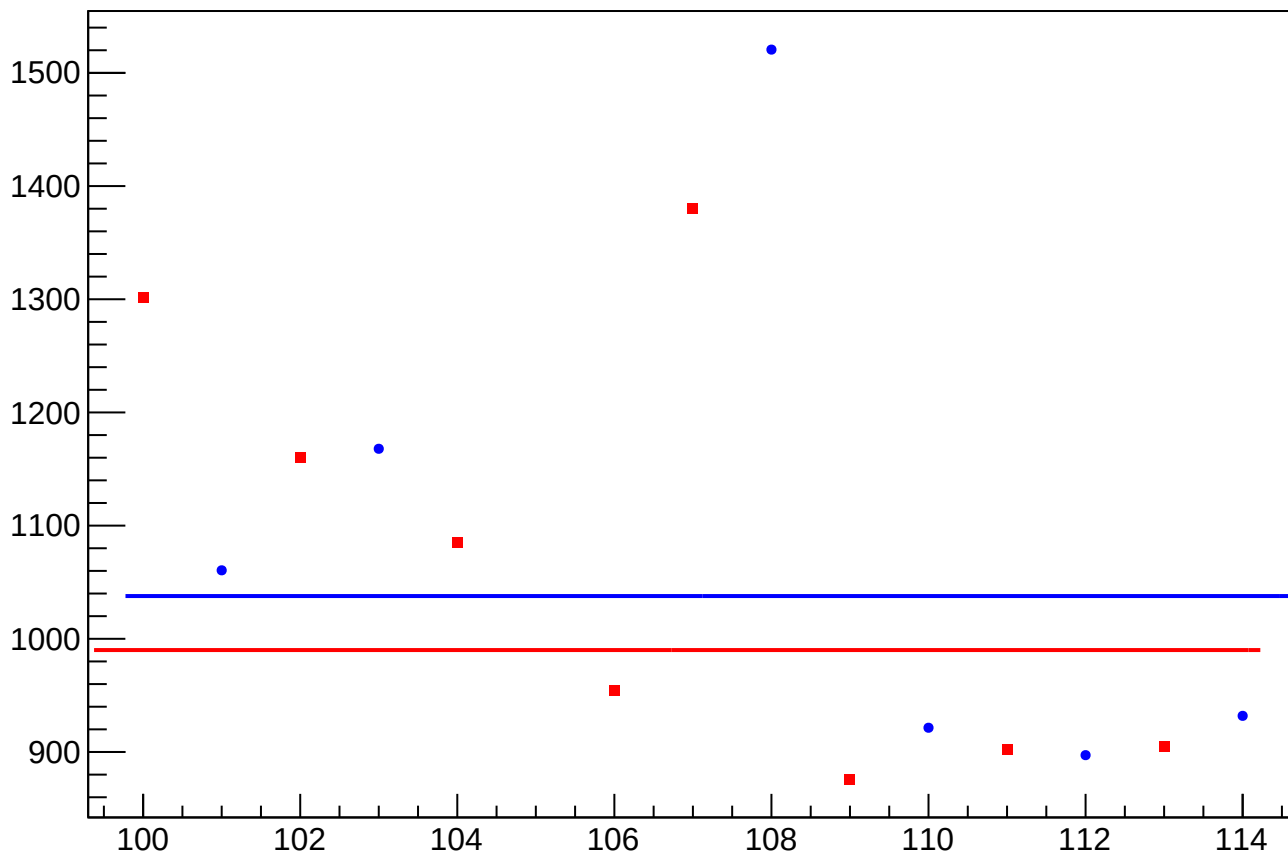
Right: 740.652+/-423.730 χ^2/NDF : 19.2/13

In: 264.622+/-646.854 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.652+/-423.730 χ^2/NDF : 19.2/13

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

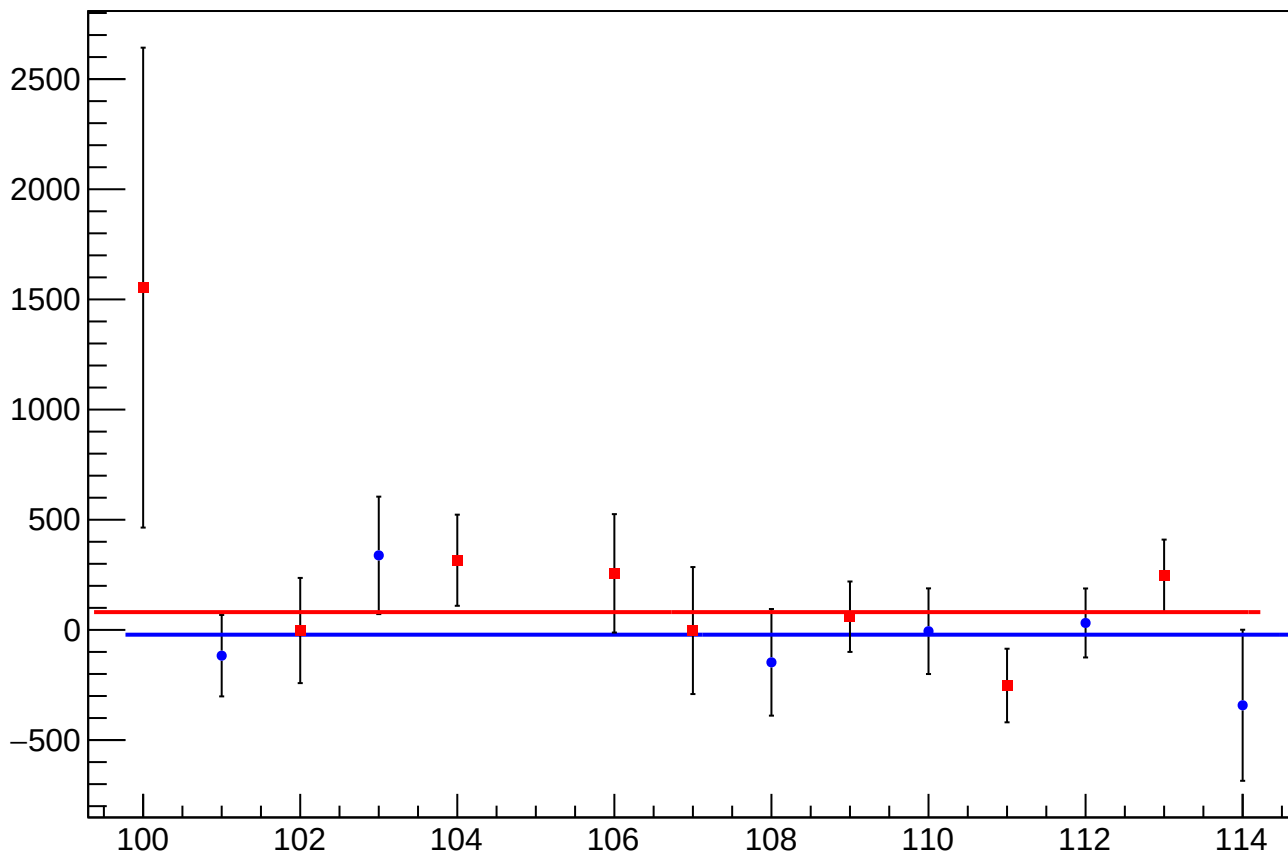
Right: 1010.533+/-0.300 χ^2/NDF : 258548.2/13

In: 1037.773+/-0.457 χ^2/NDF : 134444.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.533+/-0.300 χ^2/NDF : 258548.2/13

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

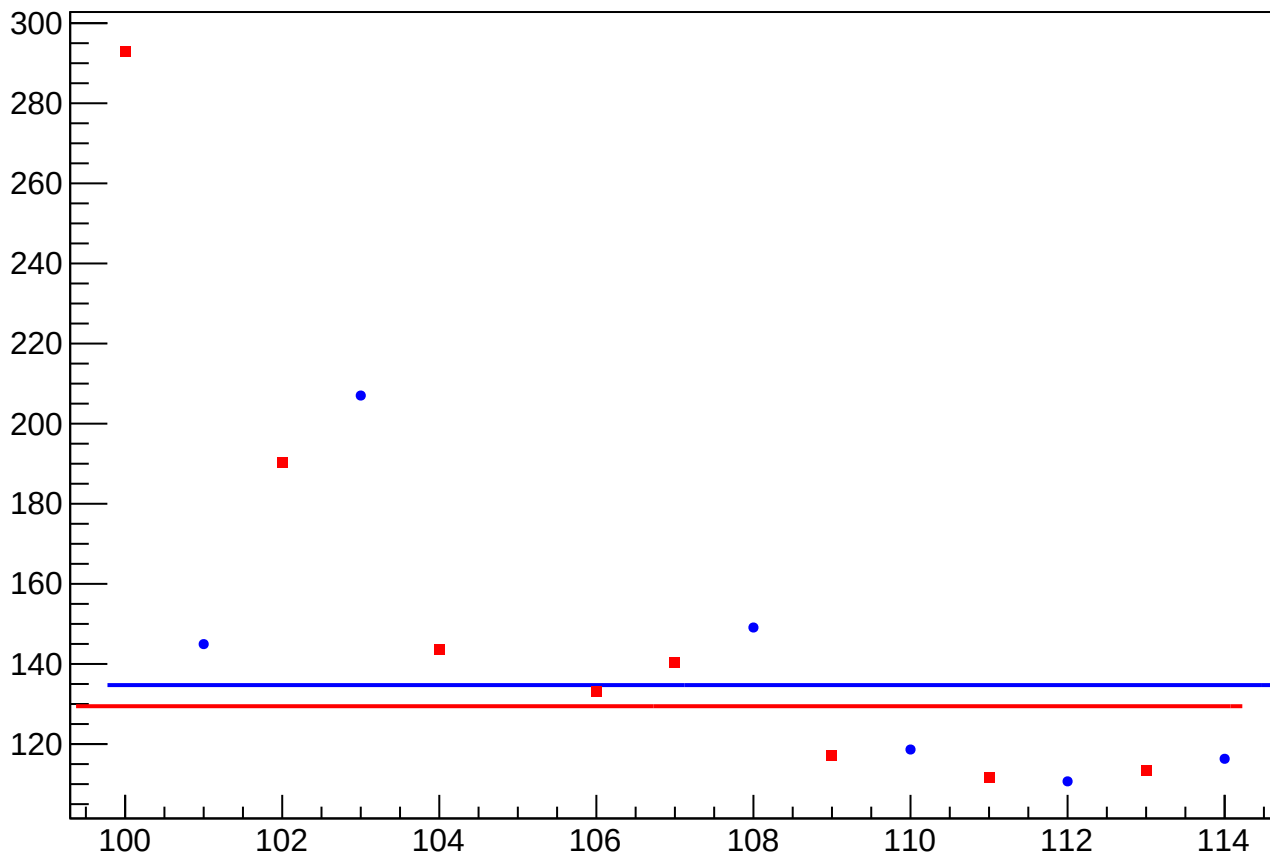
Right: 36.534 ± 56.282 χ^2/NDF : 12.9/13

In: -21.720 ± 85.683 χ^2/NDF : 3.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 36.534 ± 56.282 χ^2/NDF : 12.9/13

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

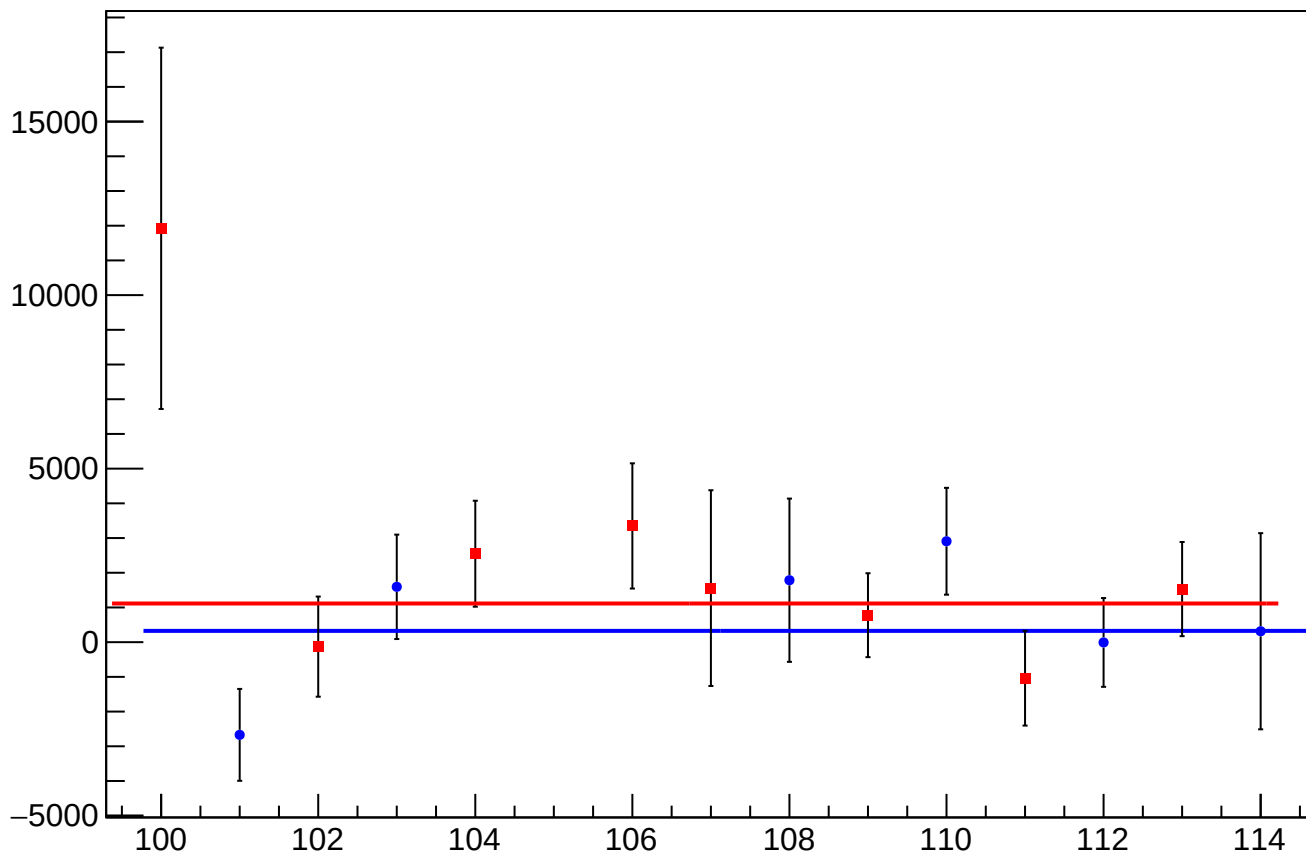
Right: 131.726+/-0.040 χ^2/NDF : 472534.9/13

In: 134.723+/-0.061 χ^2/NDF :226944.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.726+/-0.040 χ^2/NDF : 472534.9/13

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 325.308+/-652.090 χ^2/NDF : 9.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.303+/-564.018 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

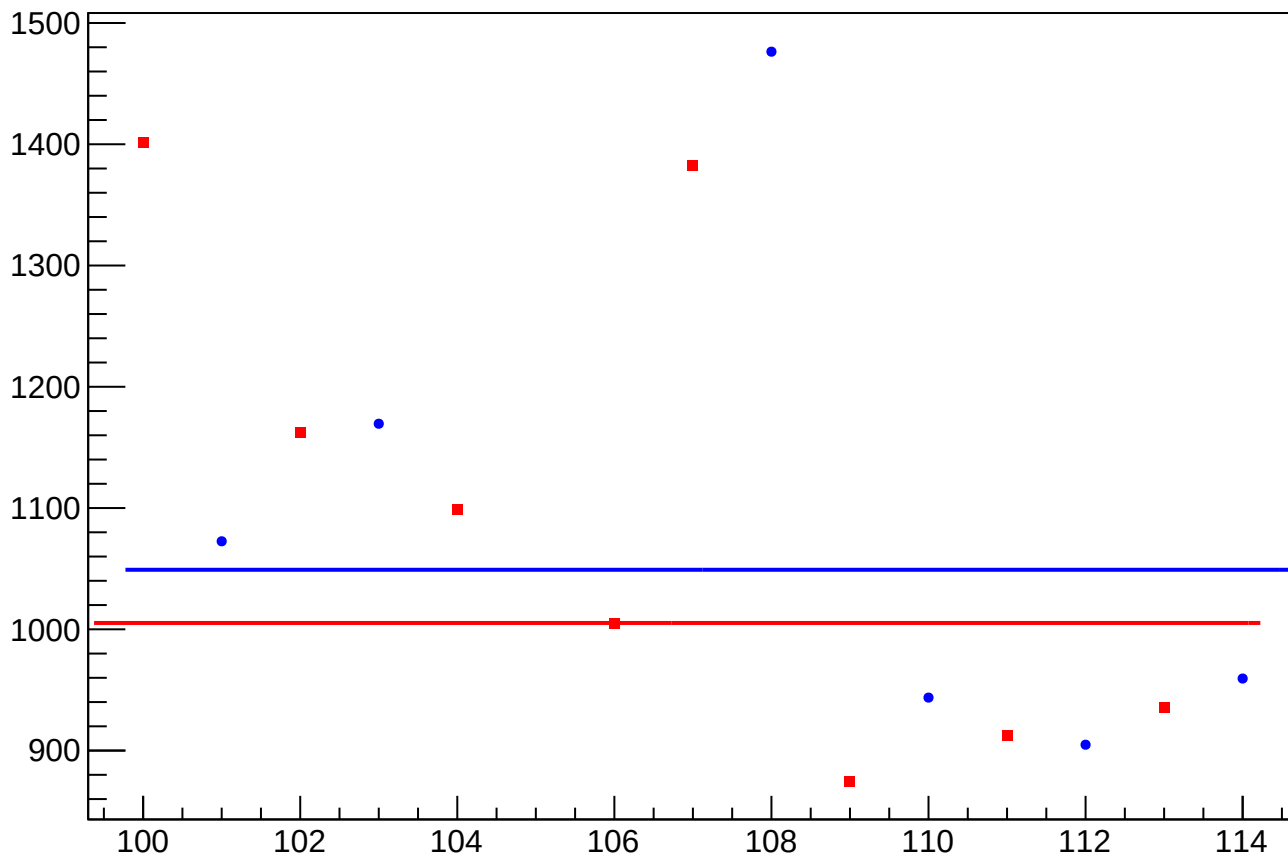
Right: 776.647+/-426.587 χ^2/NDF : 20.1/13

In: 325.308+/-652.090 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.647+/-426.587 χ^2/NDF : 20.1/13

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



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

Right Out: 1005.238 $\pm$ 0.399 χ^2 /NDF: 116516.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

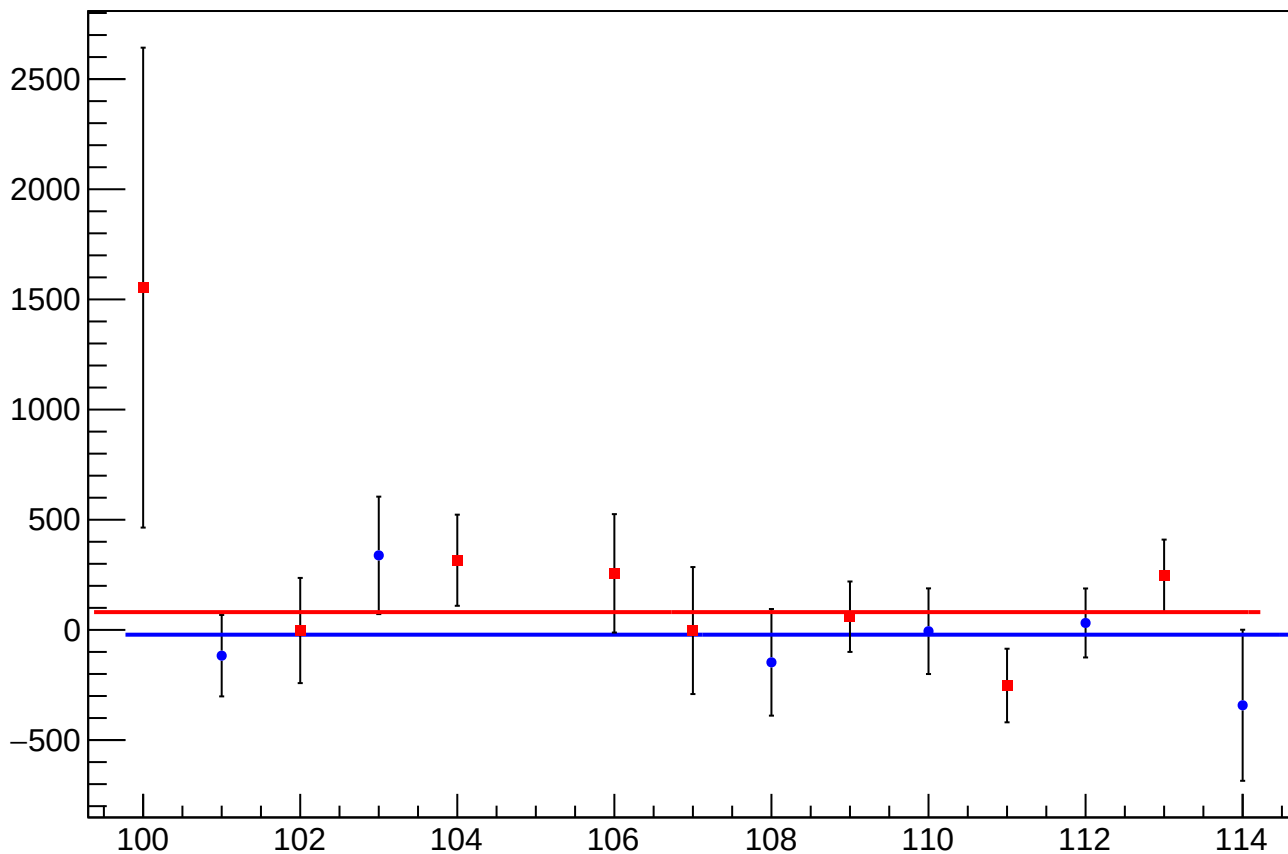
Right: 1024.008 $\pm$ 0.302 χ^2 /NDF: 237959.5/13

In: 1049.098 $\pm$ 0.461 χ^2 /NDF:116266.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1024.008 $\pm$ 0.302 χ^2 /NDF: 237959.5/13

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -21.720 $\pm$ 85.683 χ^2 /NDF: 3.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.741 $\pm$ 74.642 χ^2 /NDF: 8.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

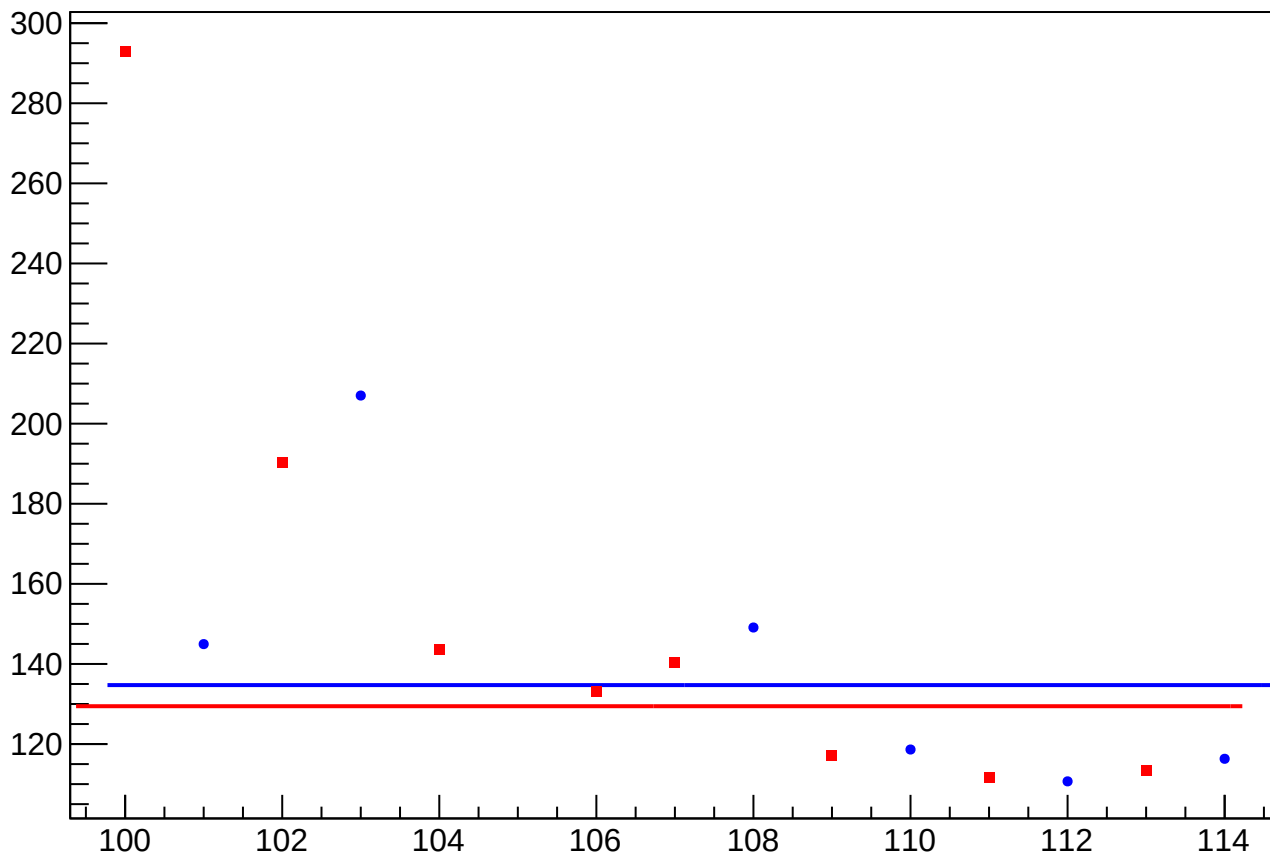
Right: 36.533 $\pm$ 56.282 χ^2 /NDF: 12.9/13

In: -21.720 $\pm$ 85.683 χ^2 /NDF:3.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.533 $\pm$ 56.282 χ^2 /NDF: 12.9/13

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

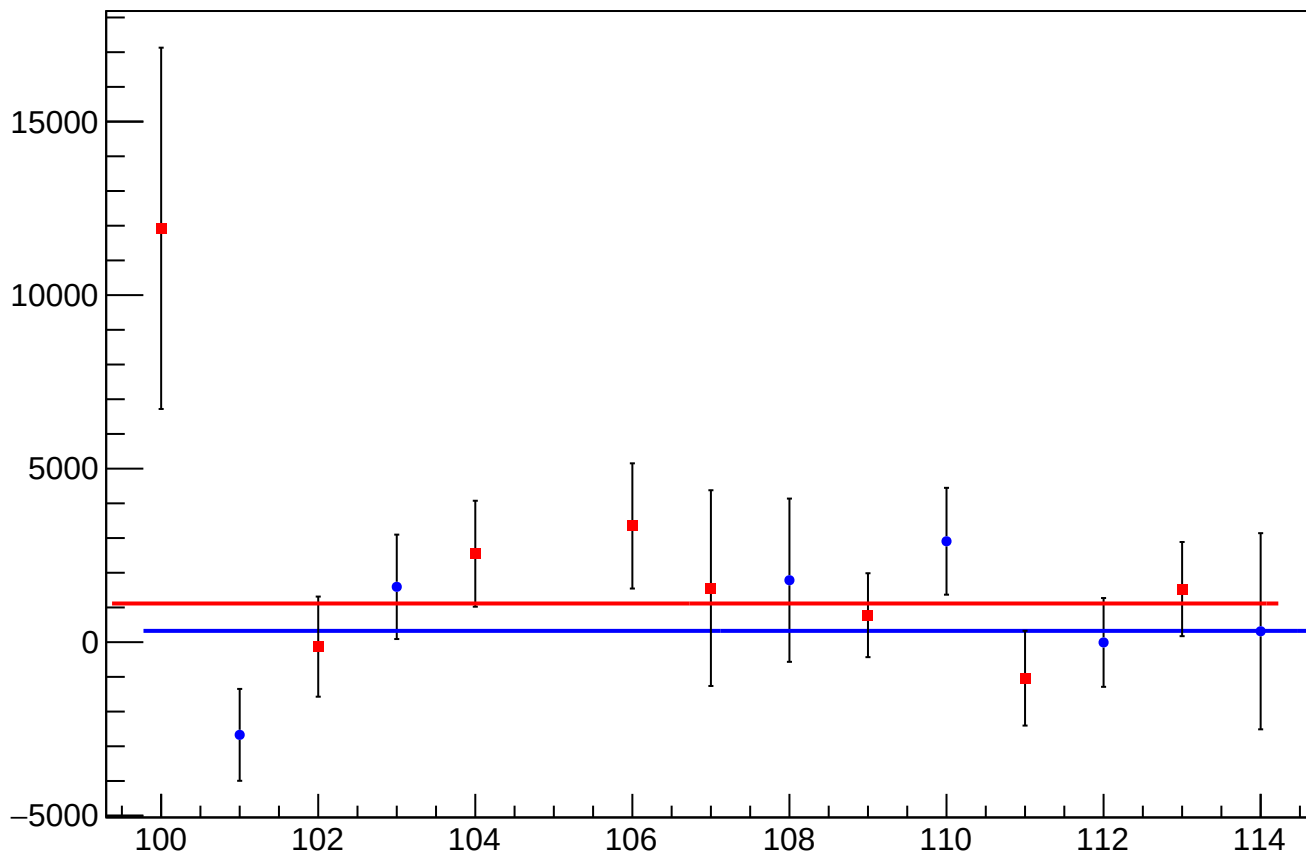
Right: 131.726+/-0.040 χ^2/NDF : 472541.0/13

In: 134.723+/-0.061 χ^2/NDF : 226948.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.726+/-0.040 χ^2/NDF : 472541.0/13

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 325.308+/-652.089 χ^2/NDF : 9.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.301+/-564.018 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

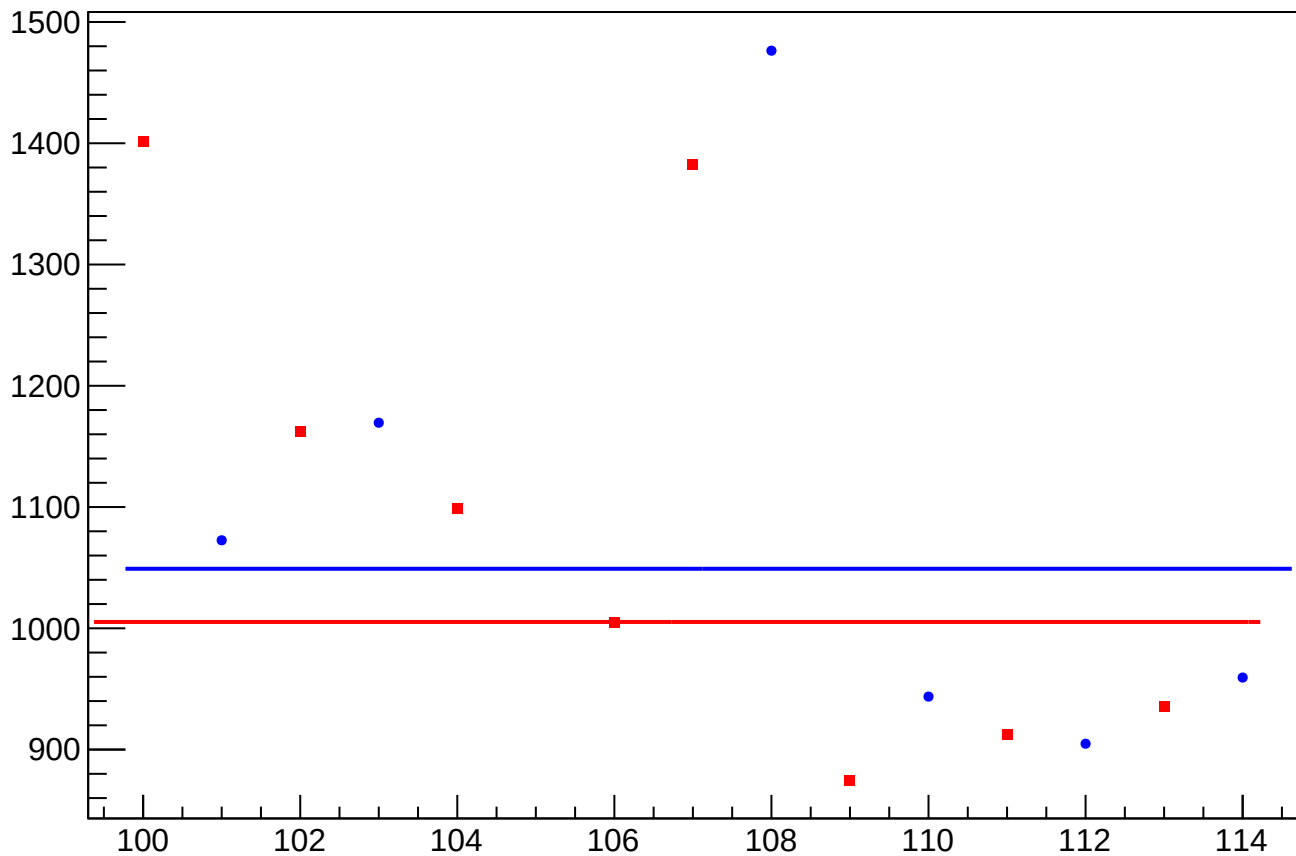
Right: 776.646+/-426.586 χ^2/NDF : 20.1/13

In: 325.308+/-652.089 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.646+/-426.586 χ^2/NDF : 20.1/13

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1049.097+/-0.461 χ^2/NDF : 116267.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1005.236+/-0.399 χ^2/NDF : 116517.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

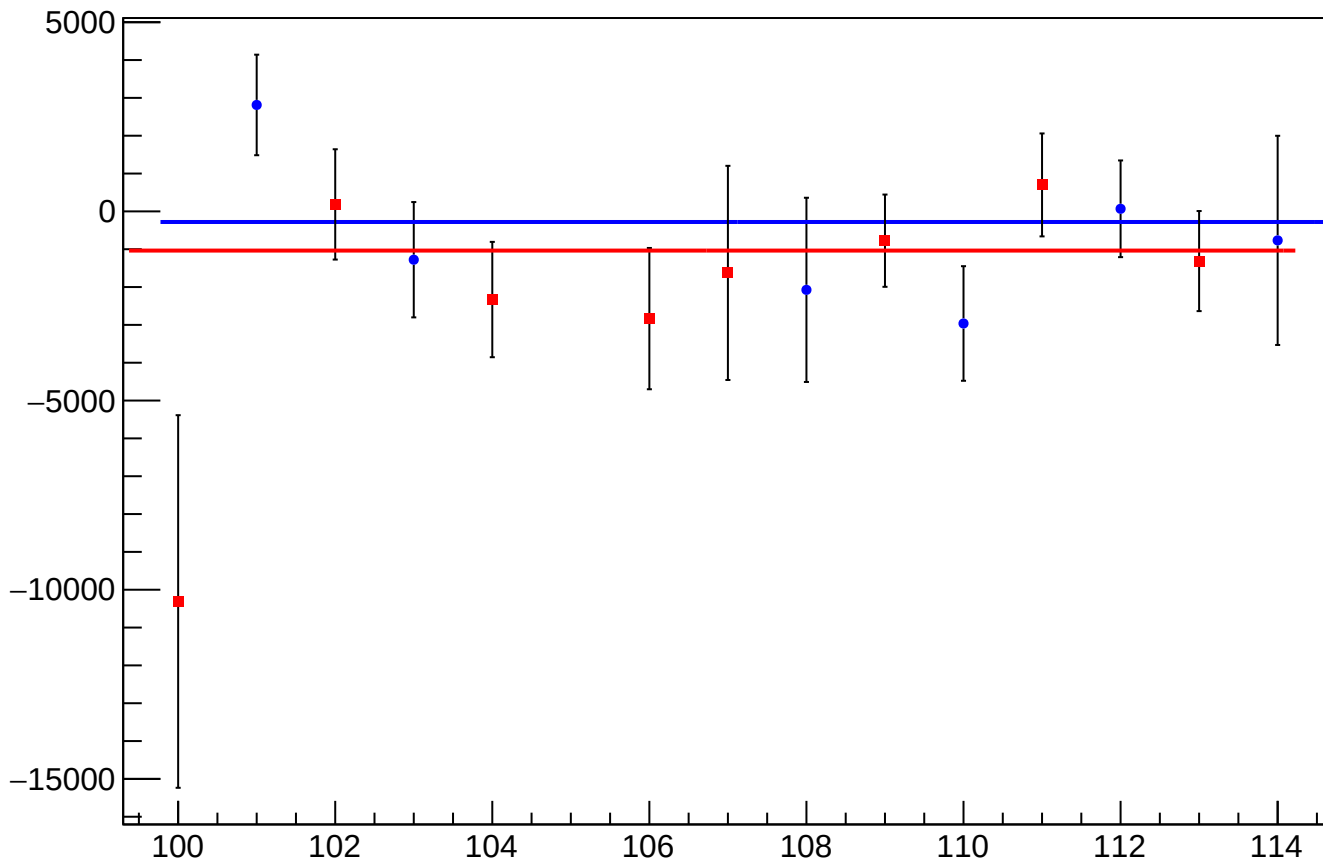
Right: 1024.007+/-0.302 χ^2/NDF : 237961.1/13

In: 1049.097+/-0.461 χ^2/NDF : 116267.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.007+/-0.302 χ^2/NDF : 237961.1/13

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

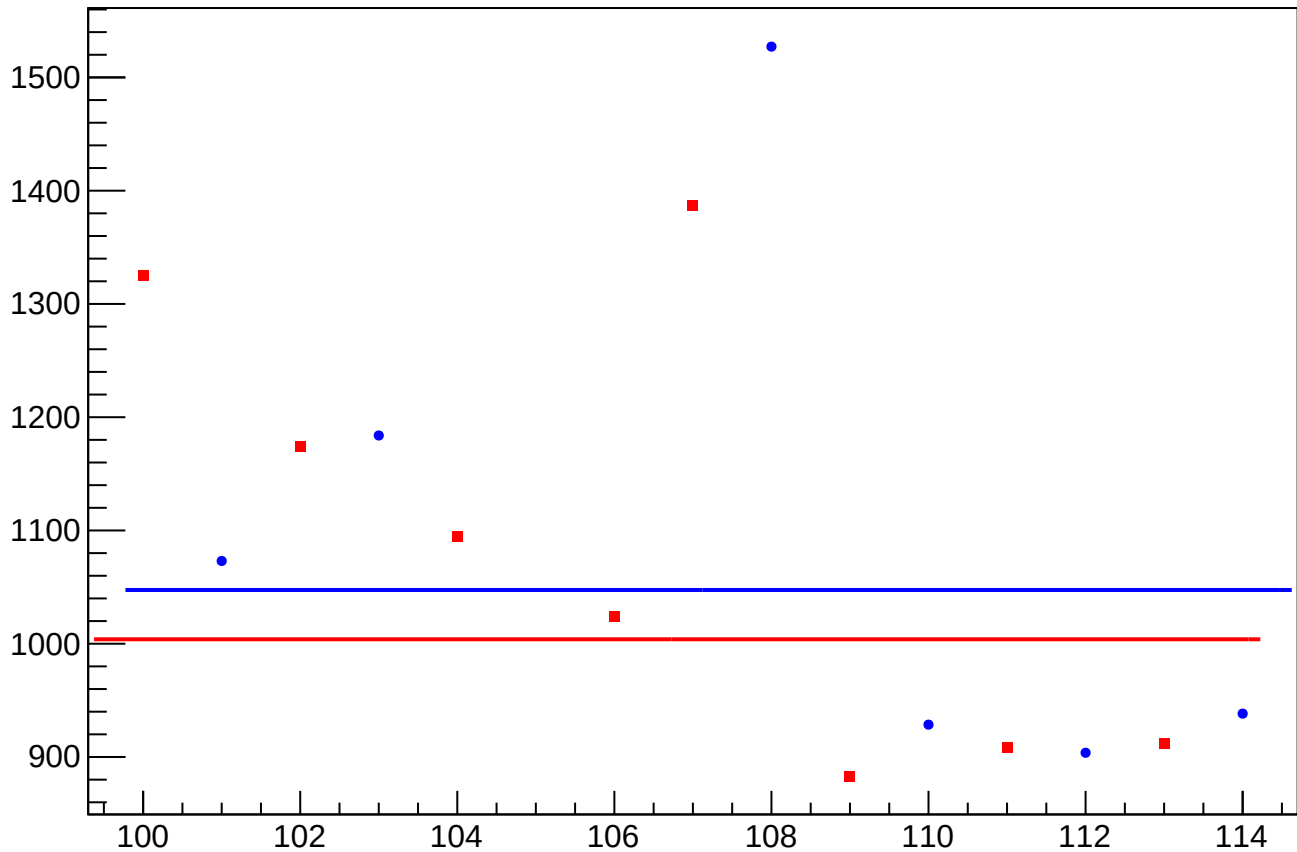
Right: -712.804+/-427.039 χ^2/NDF : 18.1/13

In: -280.364+/-653.036 χ^2/NDF : 9.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -712.804+/-427.039 χ^2/NDF : 18.1/13

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1047.458+/-0.462 χ^2/NDF : 135178.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1003.924+/-0.399 χ^2/NDF : 118978.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

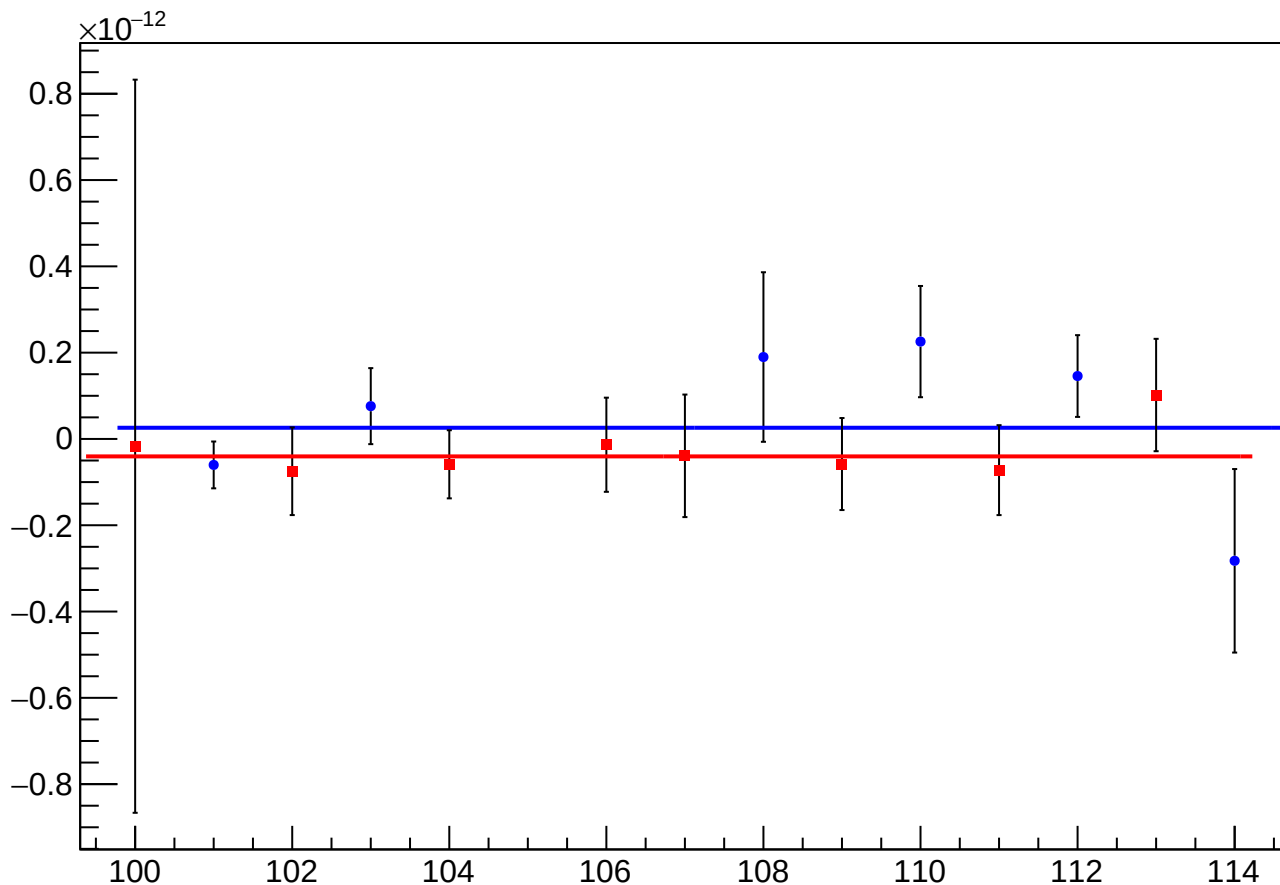
Right: 1022.540+/-0.302 χ^2/NDF : 259244.6/13

In: 1047.458+/-0.462 χ^2/NDF : 135178.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.540+/-0.302 χ^2/NDF : 259244.6/13

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 1.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

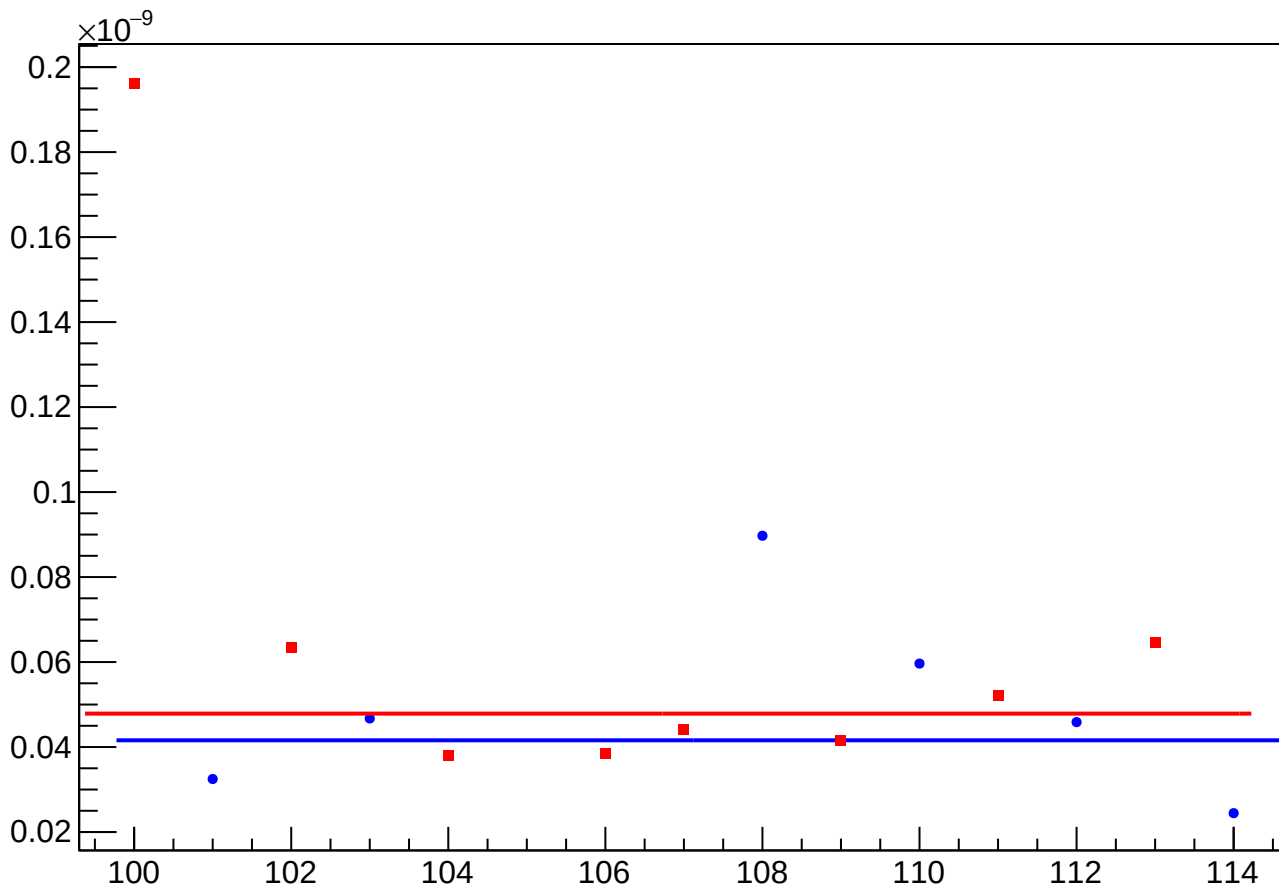
Right: -0.000+/-0.000 χ^2/NDF : 12.6/13

In: 0.000+/-0.000 χ^2/NDF : 9.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/13

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

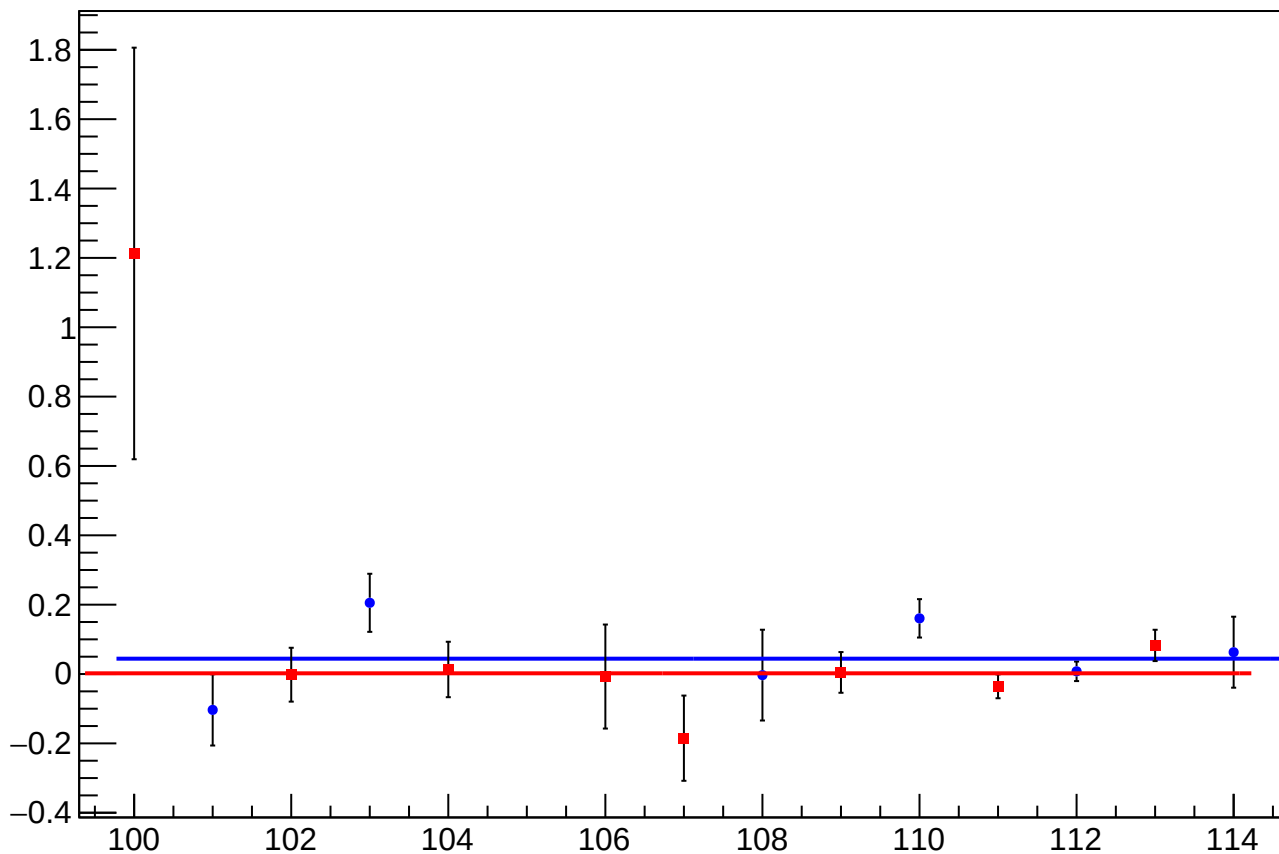
Right: 0.000+/-0.000 χ^2/NDF : 464570.5/13

In: 0.000+/-0.000 χ^2/NDF : 239549.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 464570.5/13

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

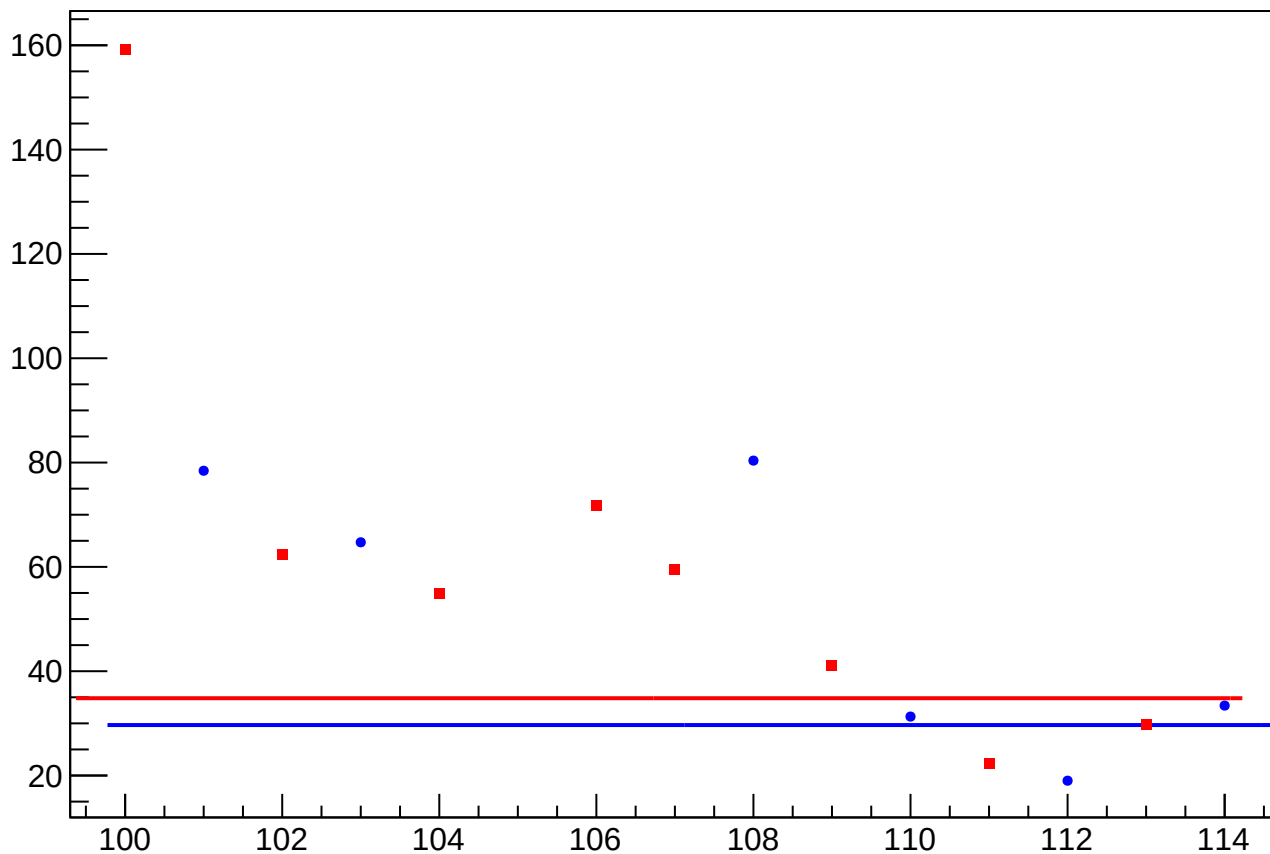
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 24.7/13

In: 0.044 $\pm$ 0.022 χ^2 /NDF:12.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 24.7/13

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.677+/-0.016 χ^2/NDF : 1392238.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.821+/-0.016 χ^2/NDF : 983414.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

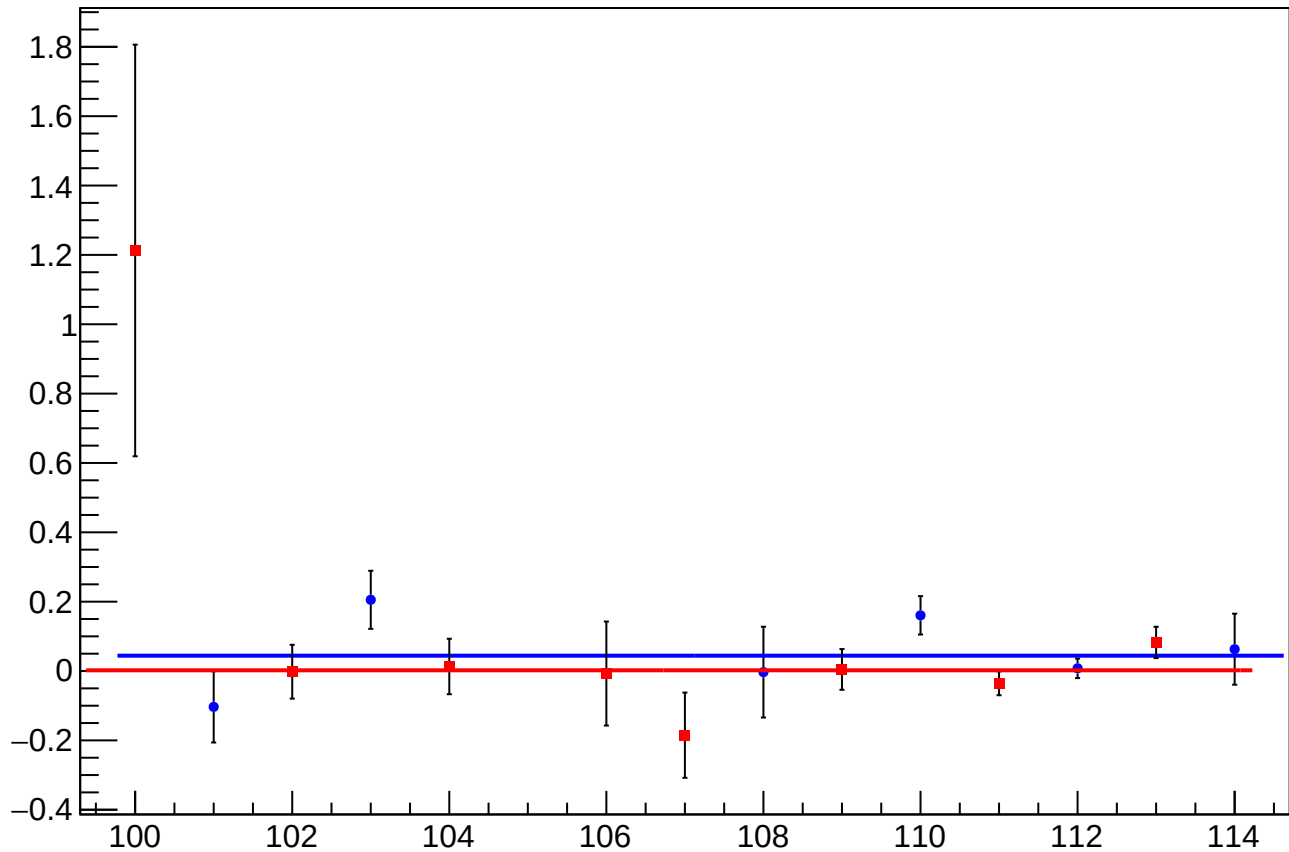
Right: 32.304+/-0.011 χ^2/NDF : 2429145.2/13

In: 29.677+/-0.016 χ^2/NDF : 1392238.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.304+/-0.011 χ^2/NDF : 2429145.2/13

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

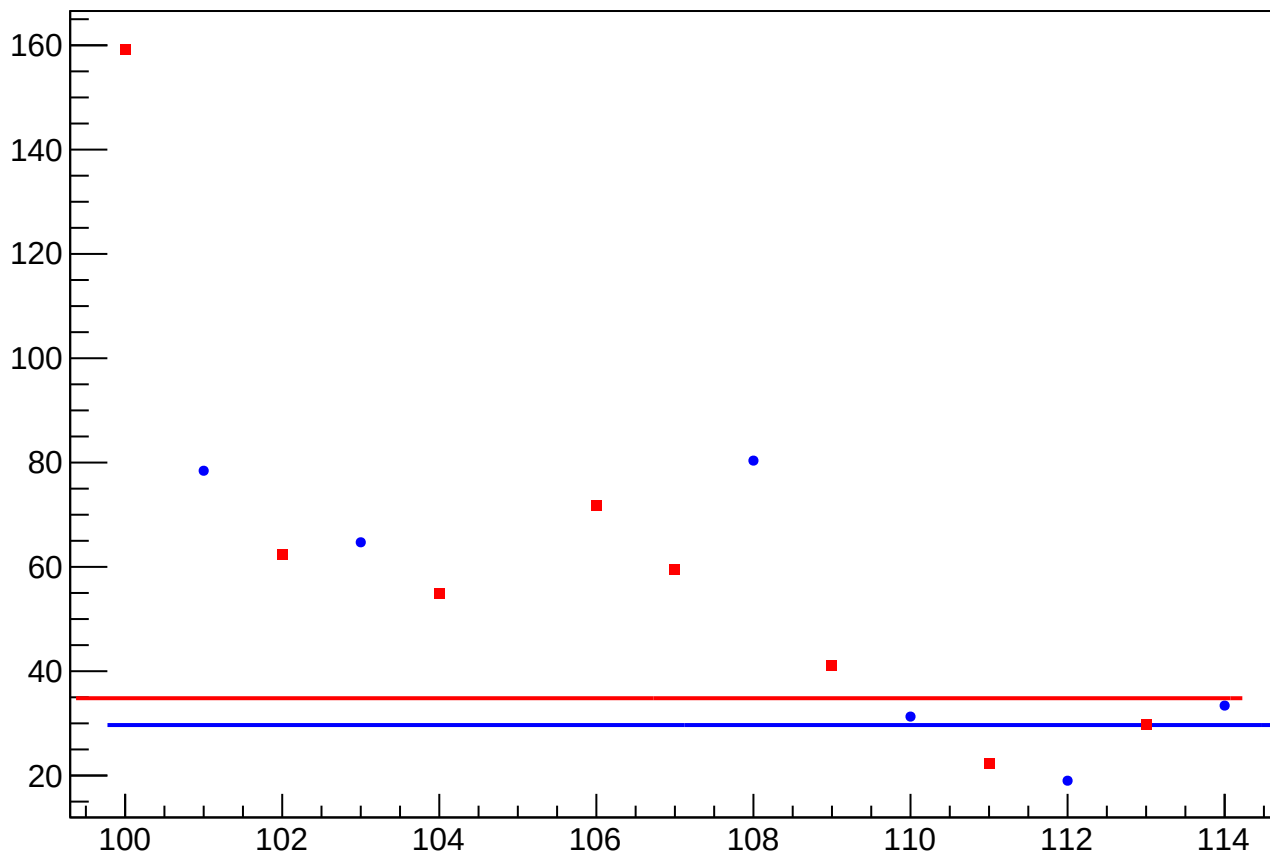
Right: 0.023+/-0.016 χ^2/NDF : 24.7/13

In: 0.044+/-0.022 χ^2/NDF : 12.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.016 χ^2/NDF : 24.7/13

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.677+/-0.016 χ^2/NDF : 1392238.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.821+/-0.016 χ^2/NDF : 983414.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

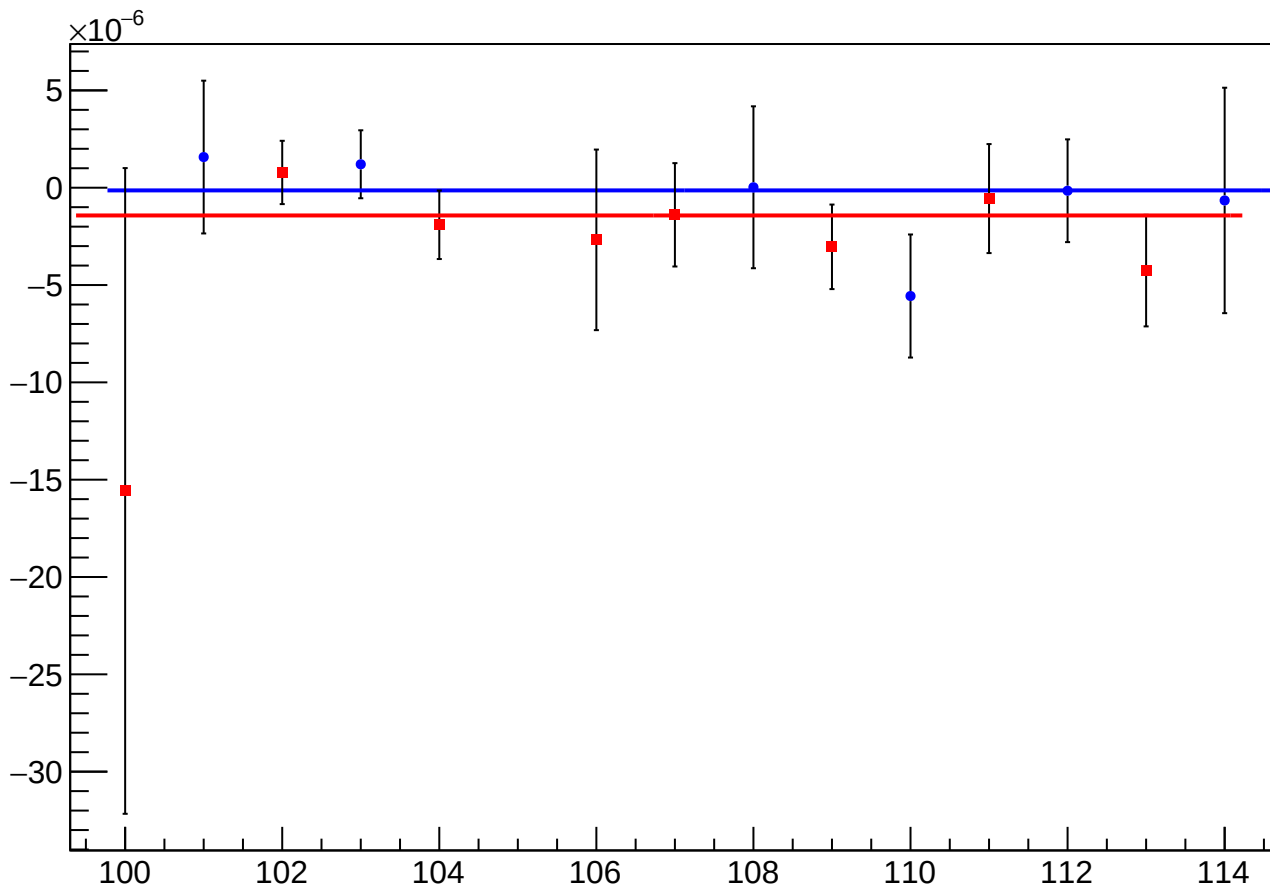
Right: 32.304+/-0.011 χ^2/NDF : 2429145.2/13

In: 29.677+/-0.016 χ^2/NDF : 1392238.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.304+/-0.011 χ^2/NDF : 2429145.2/13

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 4.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

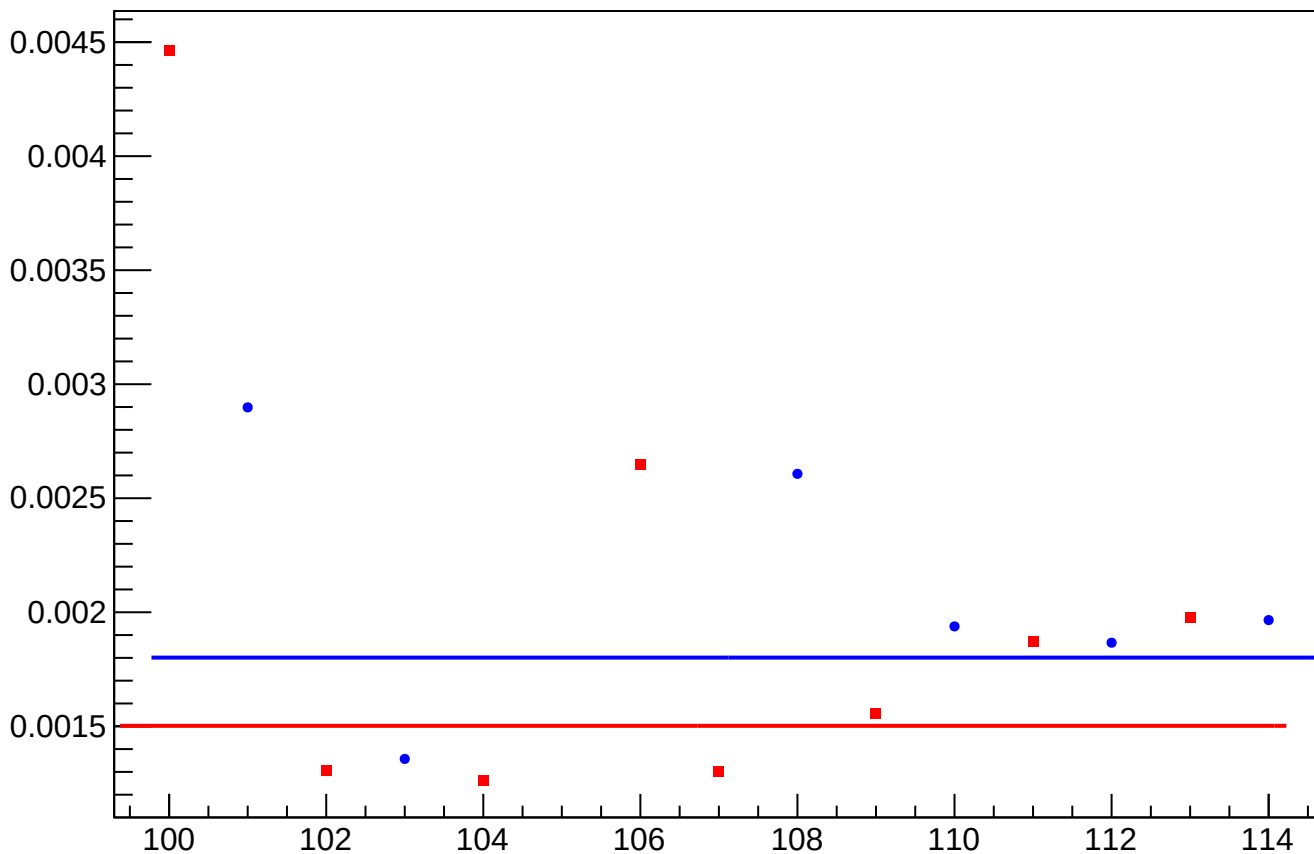
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/13

In: -0.000 $\pm$ 0.000 χ^2 /NDF:3.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/13

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

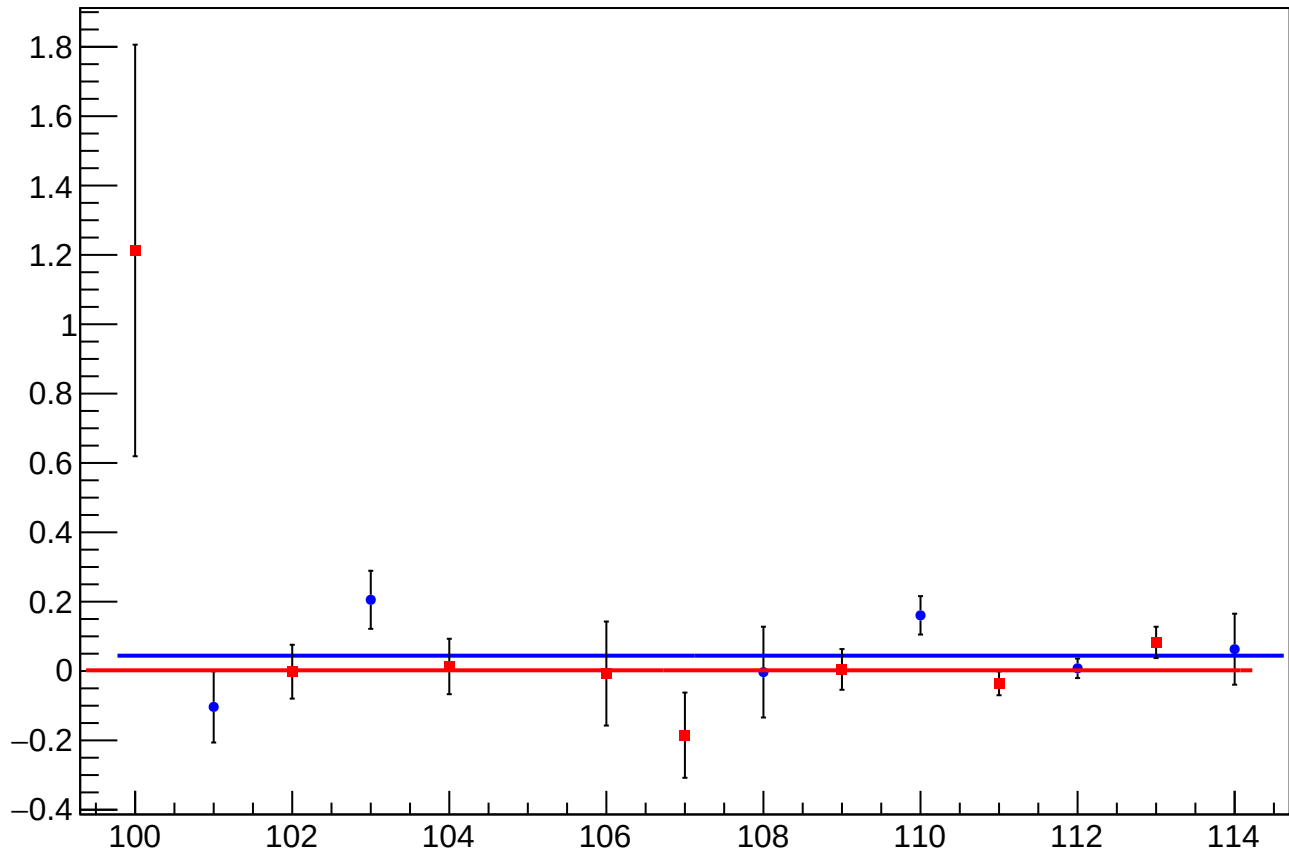
Right: 0.002+/-0.000 χ^2/NDF : 805619.2/13

In: 0.002+/-0.000 χ^2/NDF : 367543.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 805619.2/13

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

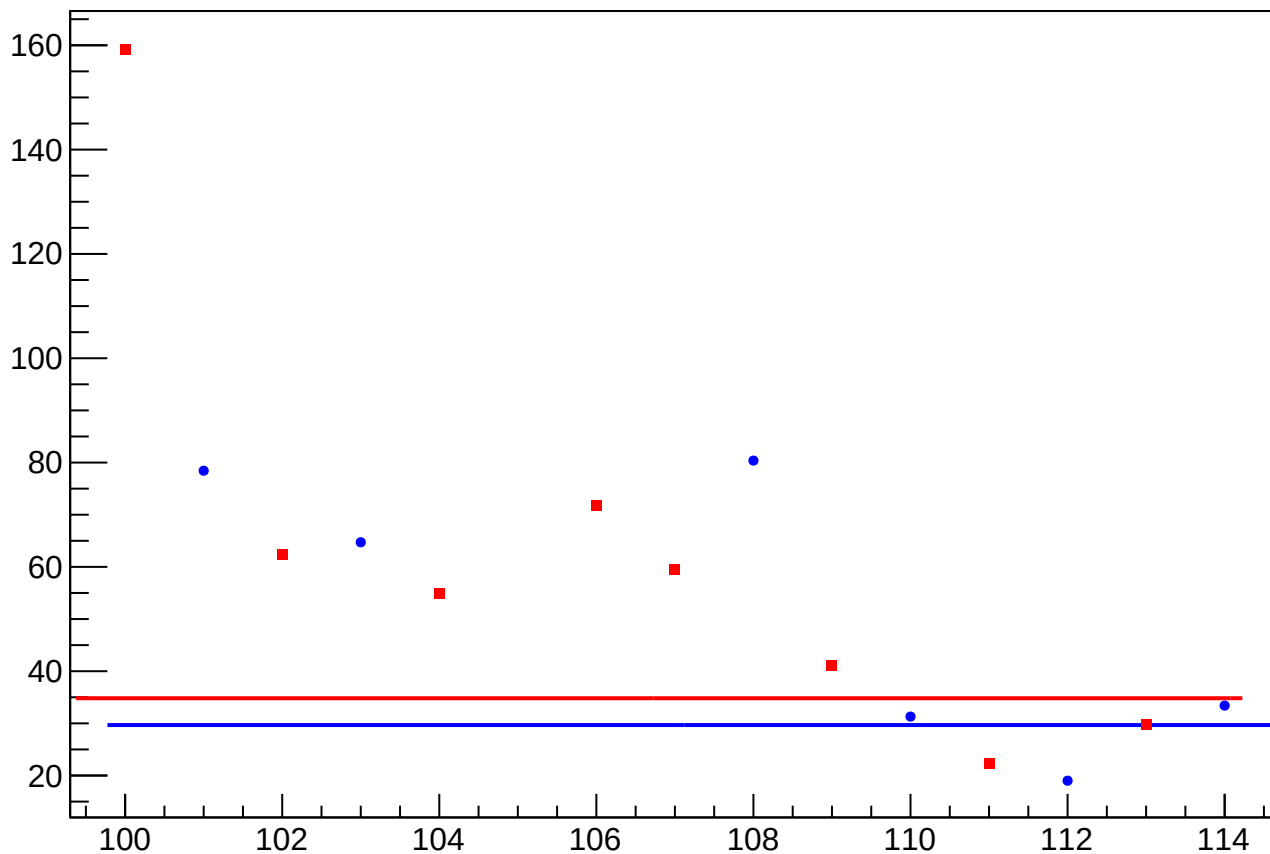
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 24.7/13

In: 0.044 $\pm$ 0.022 χ^2 /NDF:12.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 24.7/13

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

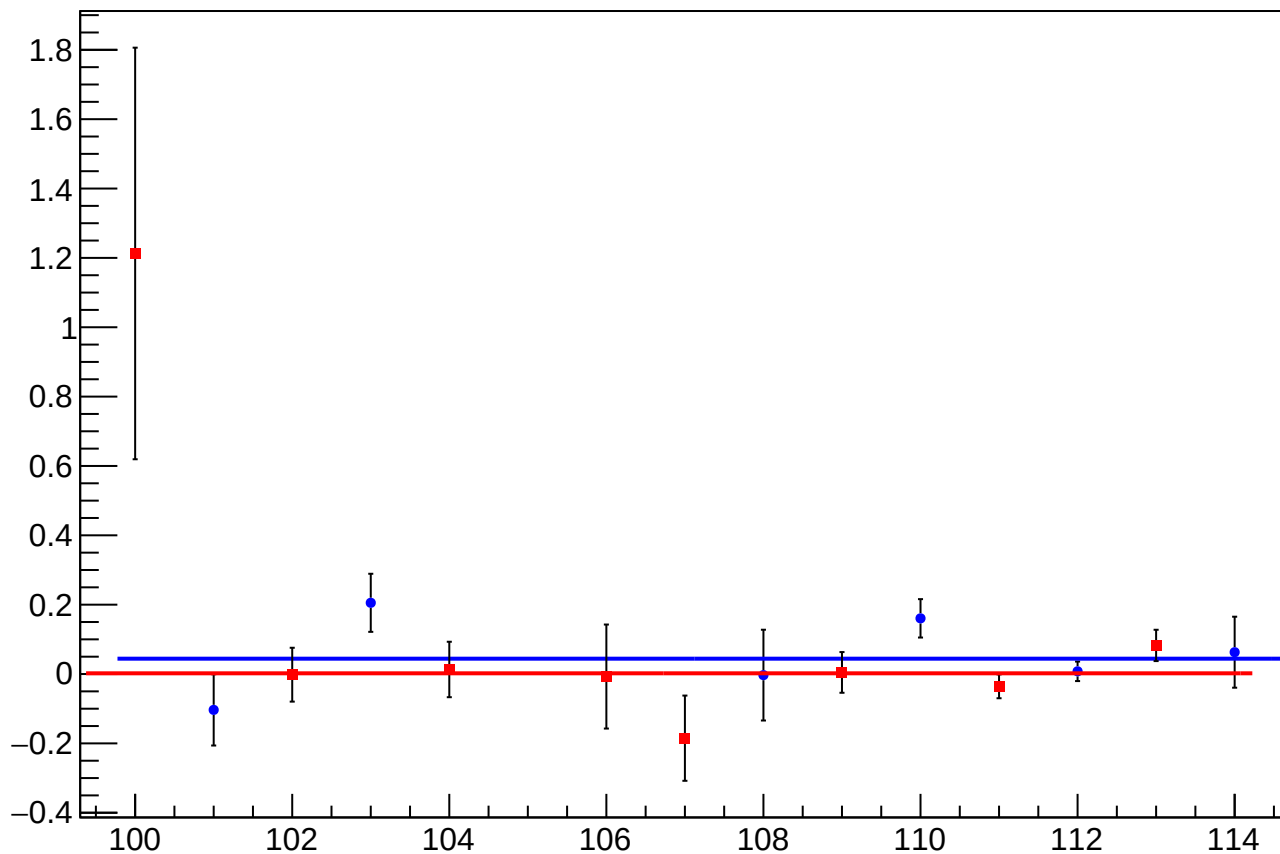
Right: 32.303+/-0.011 χ^2/NDF : 2429284.5/13

In: 29.677+/-0.016 χ^2/NDF : 1392305.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.303+/-0.011 χ^2/NDF : 2429284.5/13

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

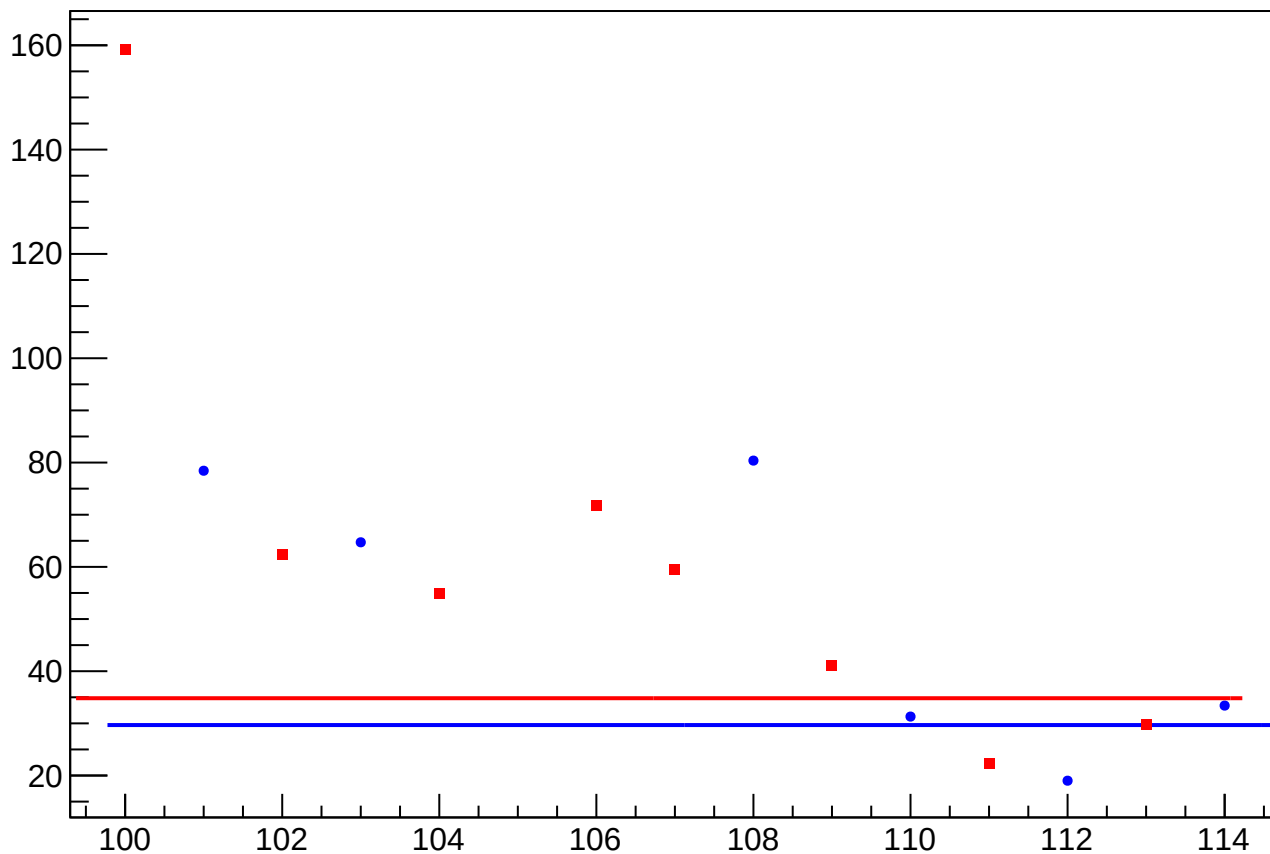
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 24.7/13

In: 0.044 $\pm$ 0.022 χ^2 /NDF:12.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 24.7/13

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

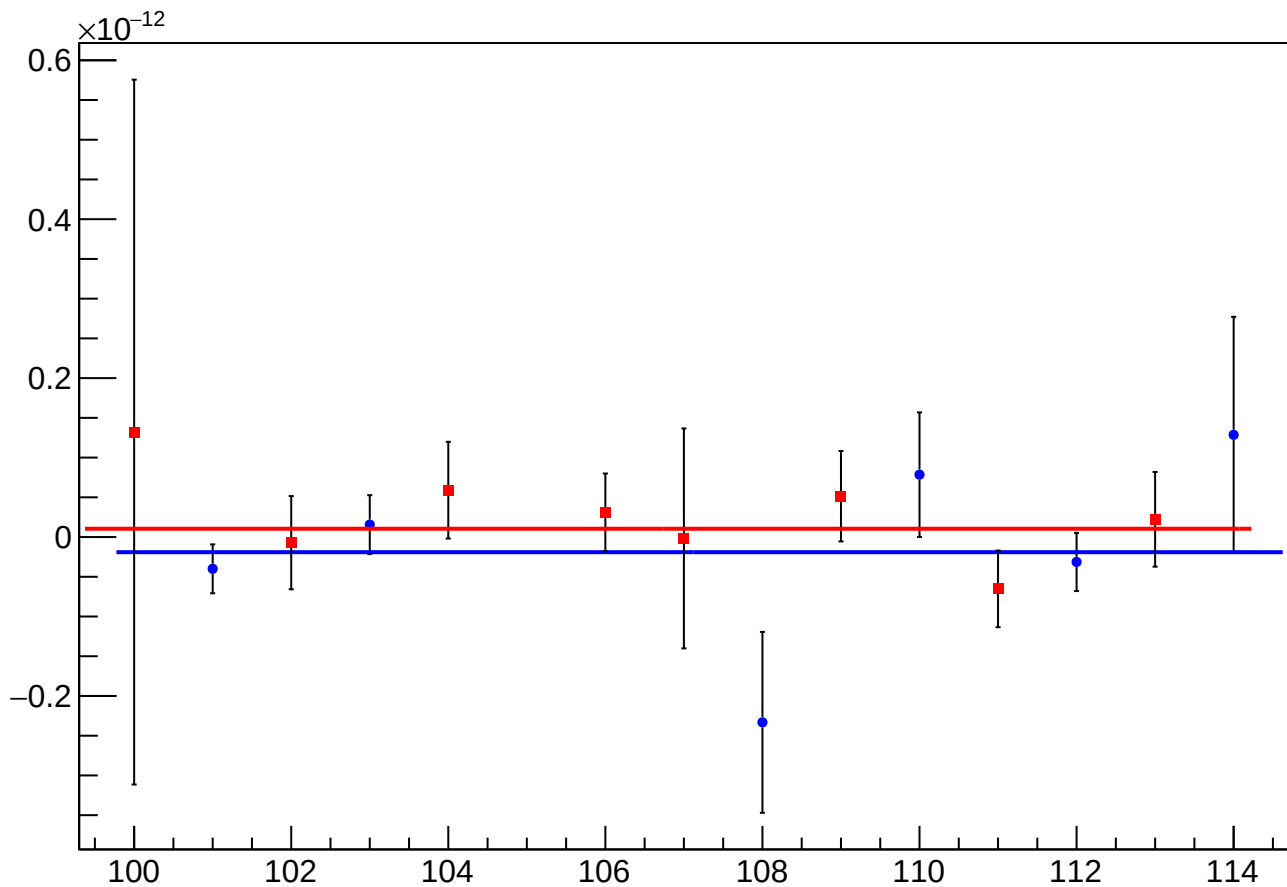
Right: 32.303+/-0.011 χ^2/NDF : 2429284.5/13

In: 29.677+/-0.016 χ^2/NDF : 1392305.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.303+/-0.011 χ^2/NDF : 2429284.5/13

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

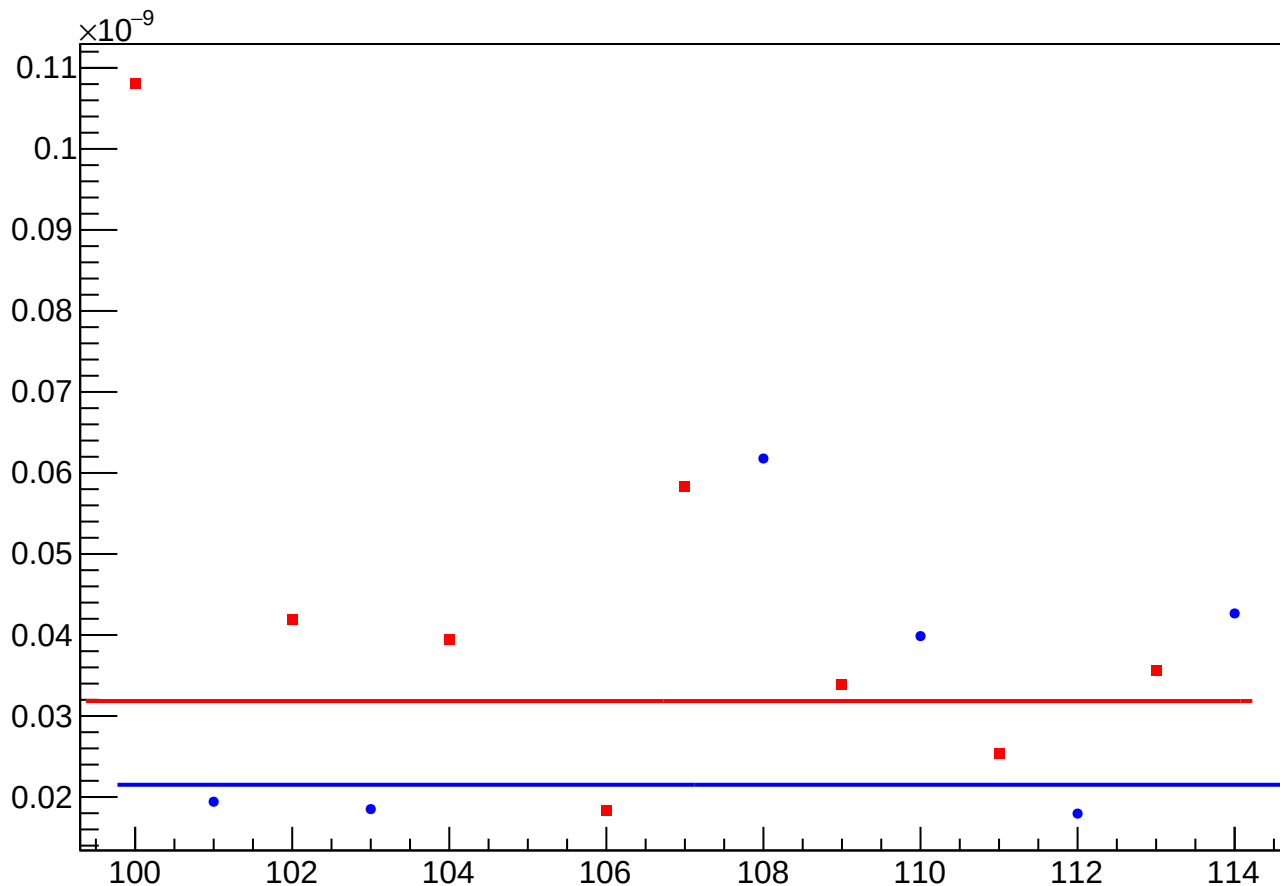
Right: -0.000+/-0.000 χ^2 /NDF: 12.6/13

In: -0.000+/-0.000 χ^2 /NDF:7.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.6/13

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

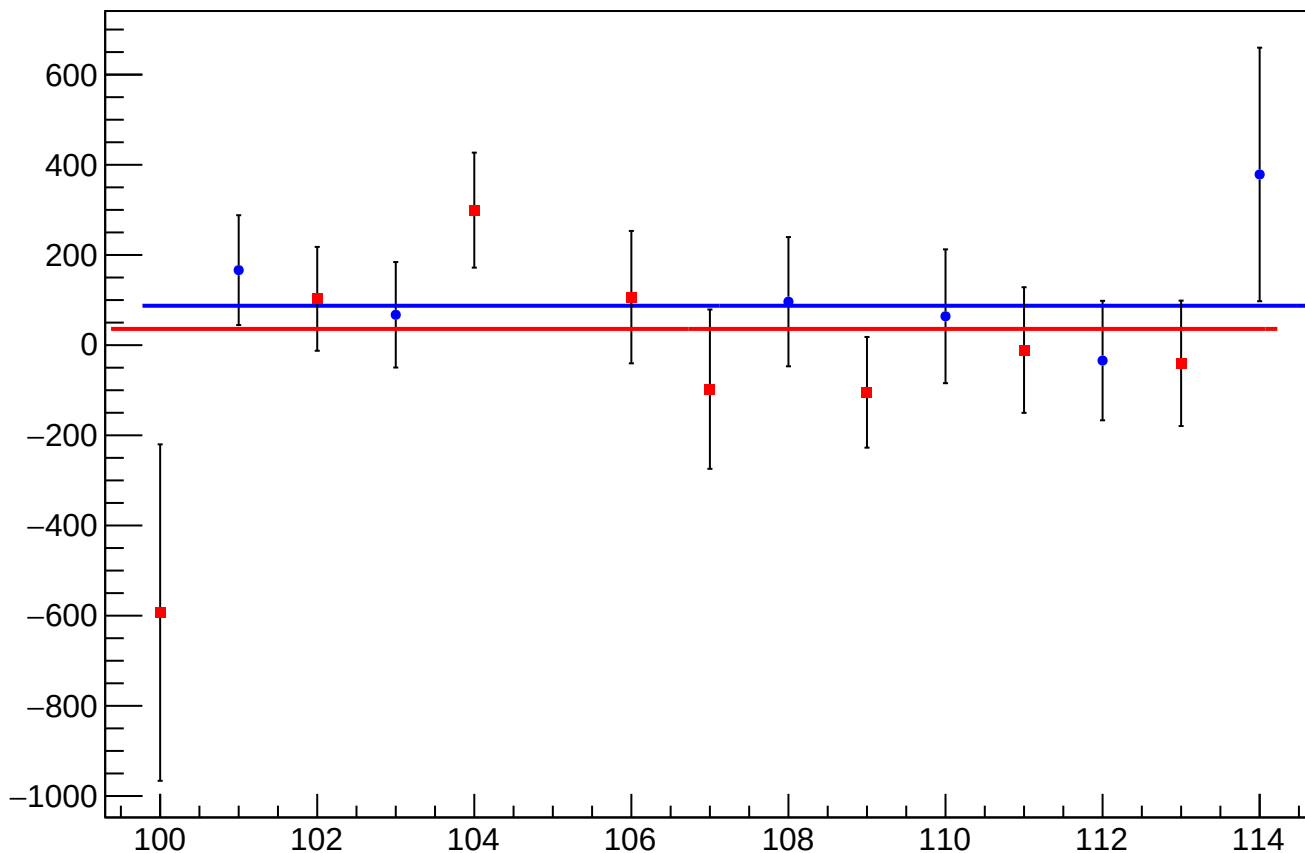
Right: 0.000+/-0.000 χ^2/NDF : 1117281.7/13

In: 0.000+/-0.000 χ^2/NDF : 441850.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1117281.7/13

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

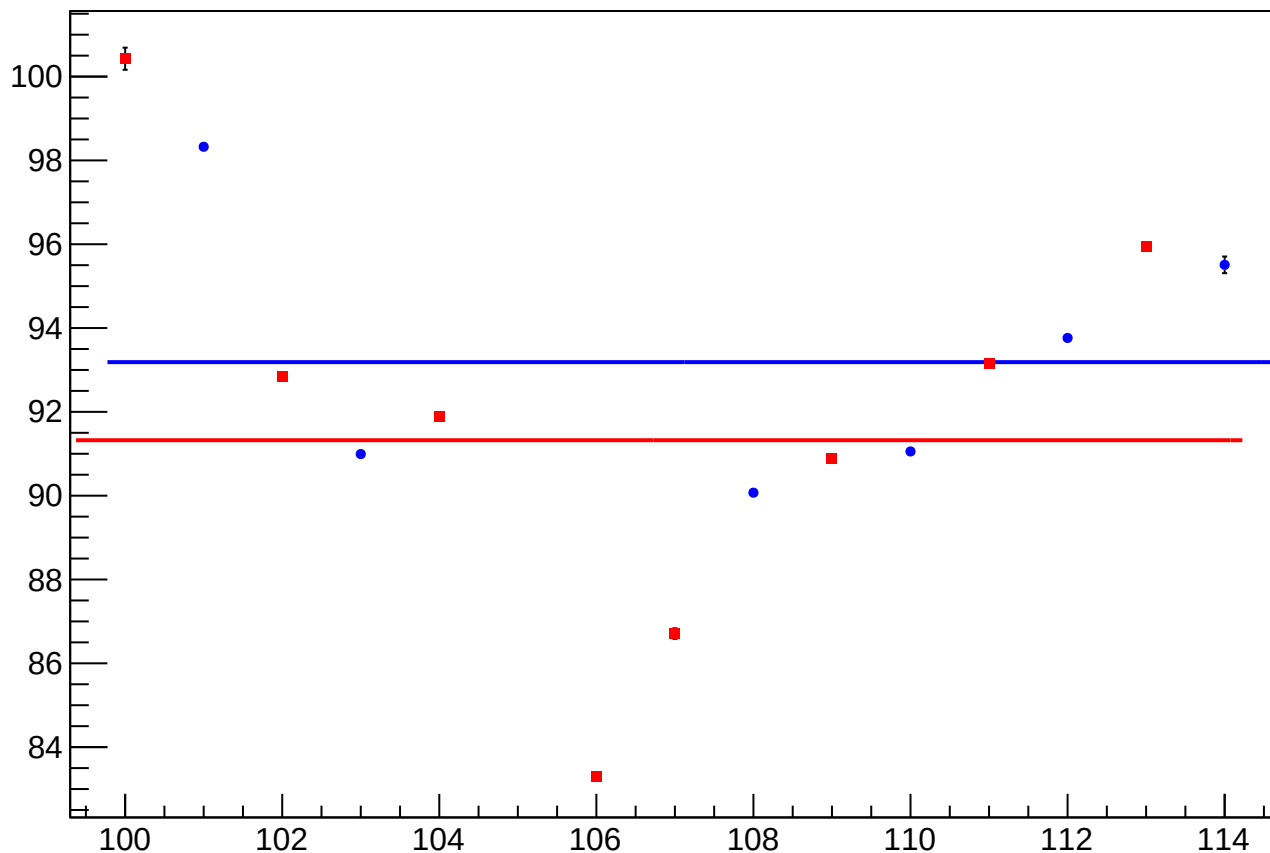
Right: 58.463+/-37.900 χ^2/NDF : 12.8/13

In: 87.377+/-57.336 χ^2/NDF : 2.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.463+/-37.900 χ^2/NDF : 12.8/13

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



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: 91.323 $\pm$ 0.036 χ^2 /NDF: 11505.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

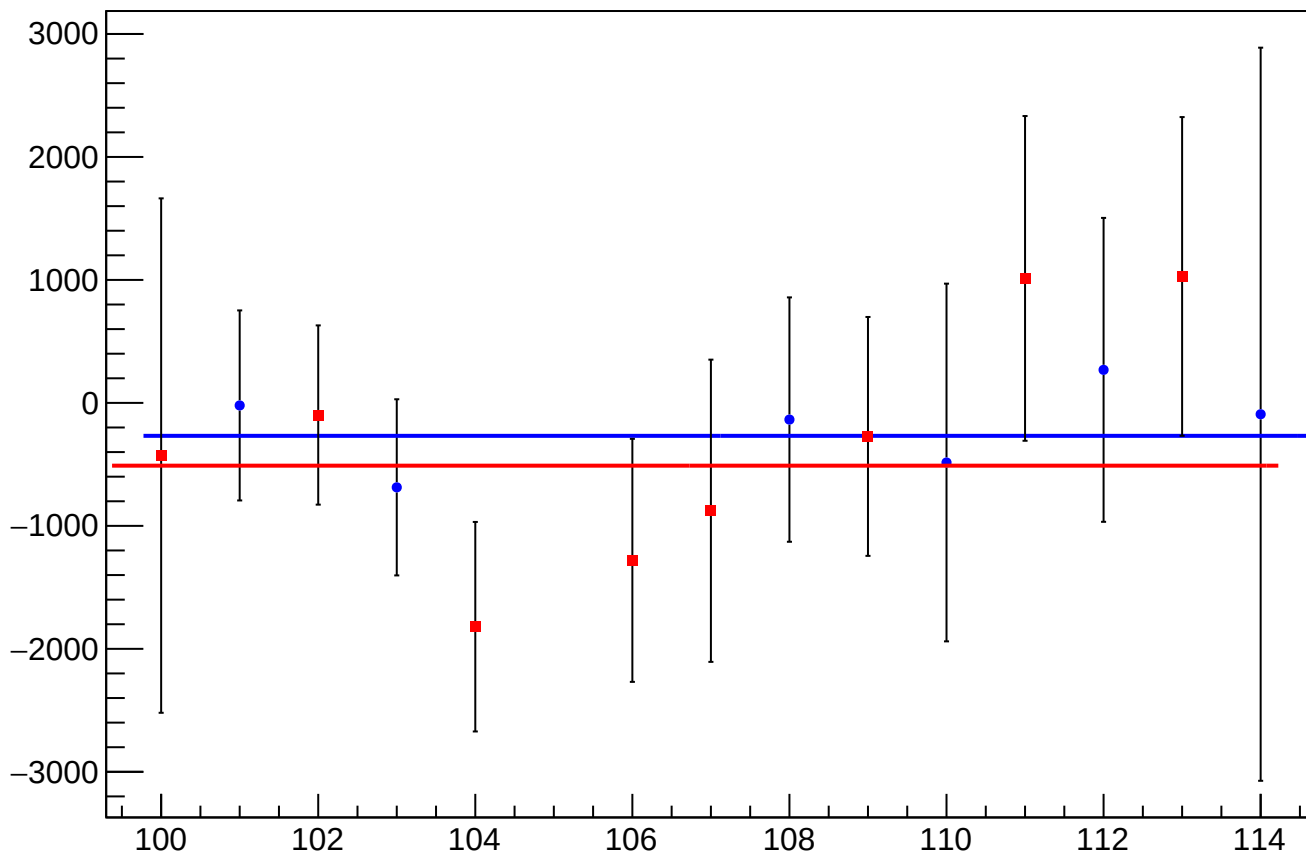
Right: 92.137 $\pm$ 0.027 χ^2 /NDF: 18490.4/13

In: 93.186 $\pm$ 0.041 χ^2 /NDF:5795.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.137 $\pm$ 0.027 χ^2 /NDF: 18490.4/13

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

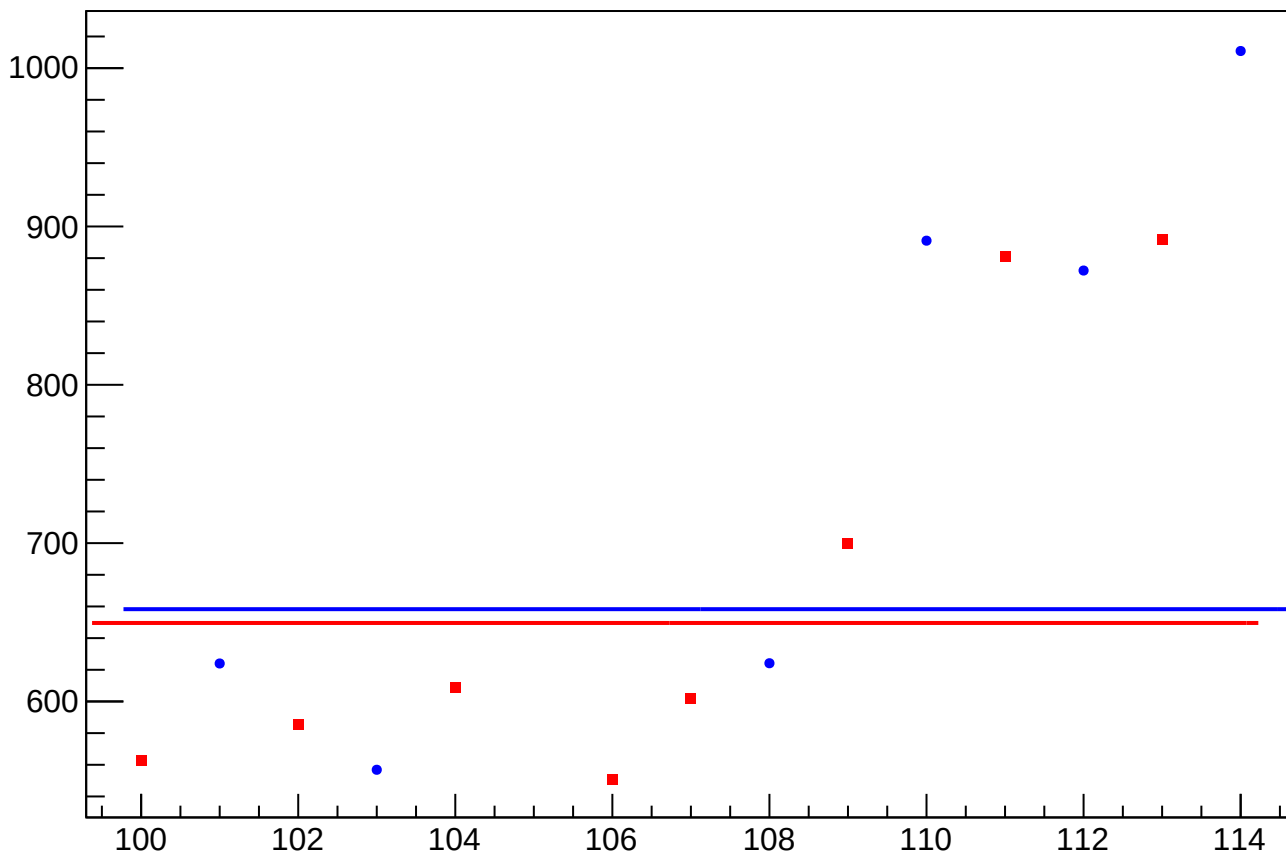
Right: -403.110+/-274.397 χ^2/NDF : 7.0/13

In: -267.883+/-412.491 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.110+/-274.397 χ^2/NDF : 7.0/13

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

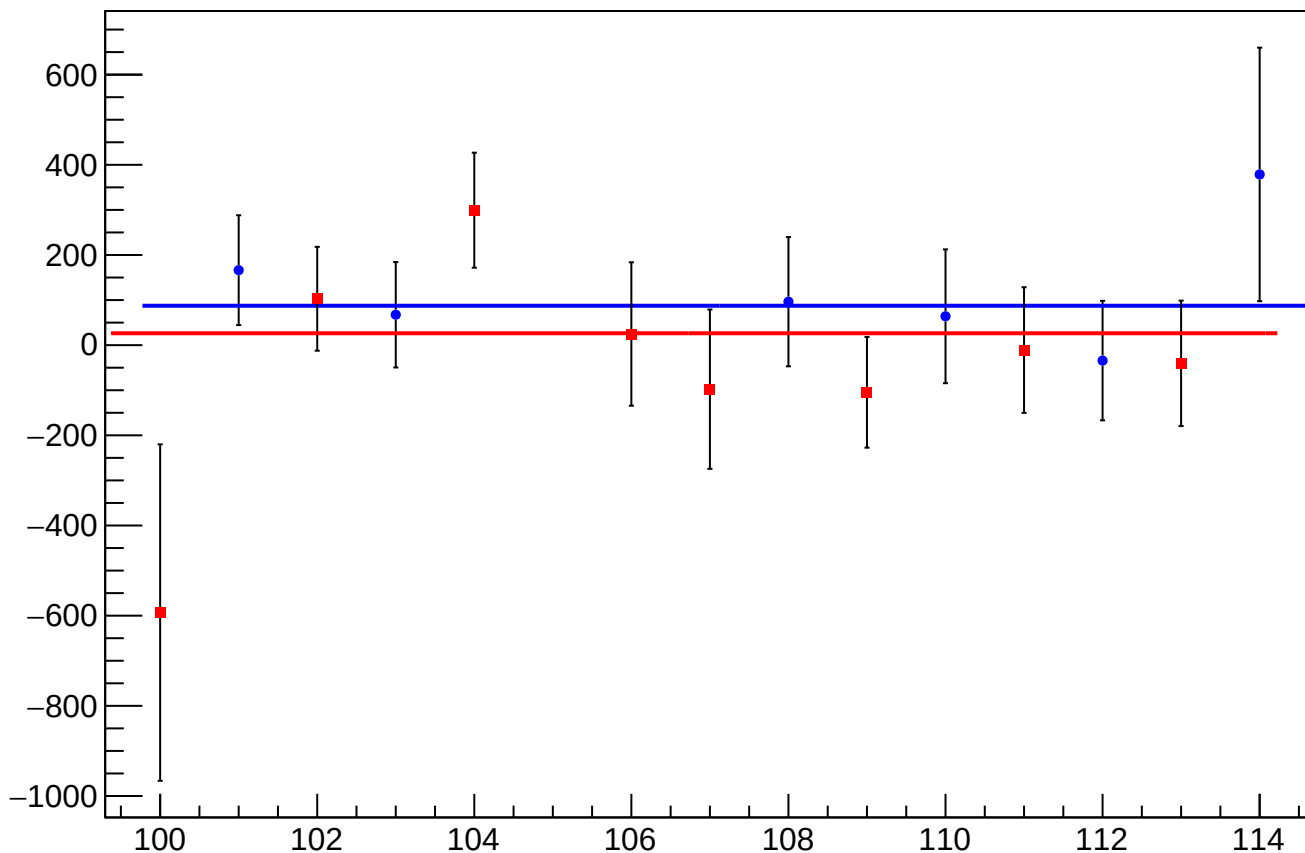
Right: 653.429+/-0.194 χ^2/NDF : 369183.7/13

In: 658.286+/-0.292 χ^2/NDF : 185521.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.429+/-0.194 χ^2/NDF : 369183.7/13

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

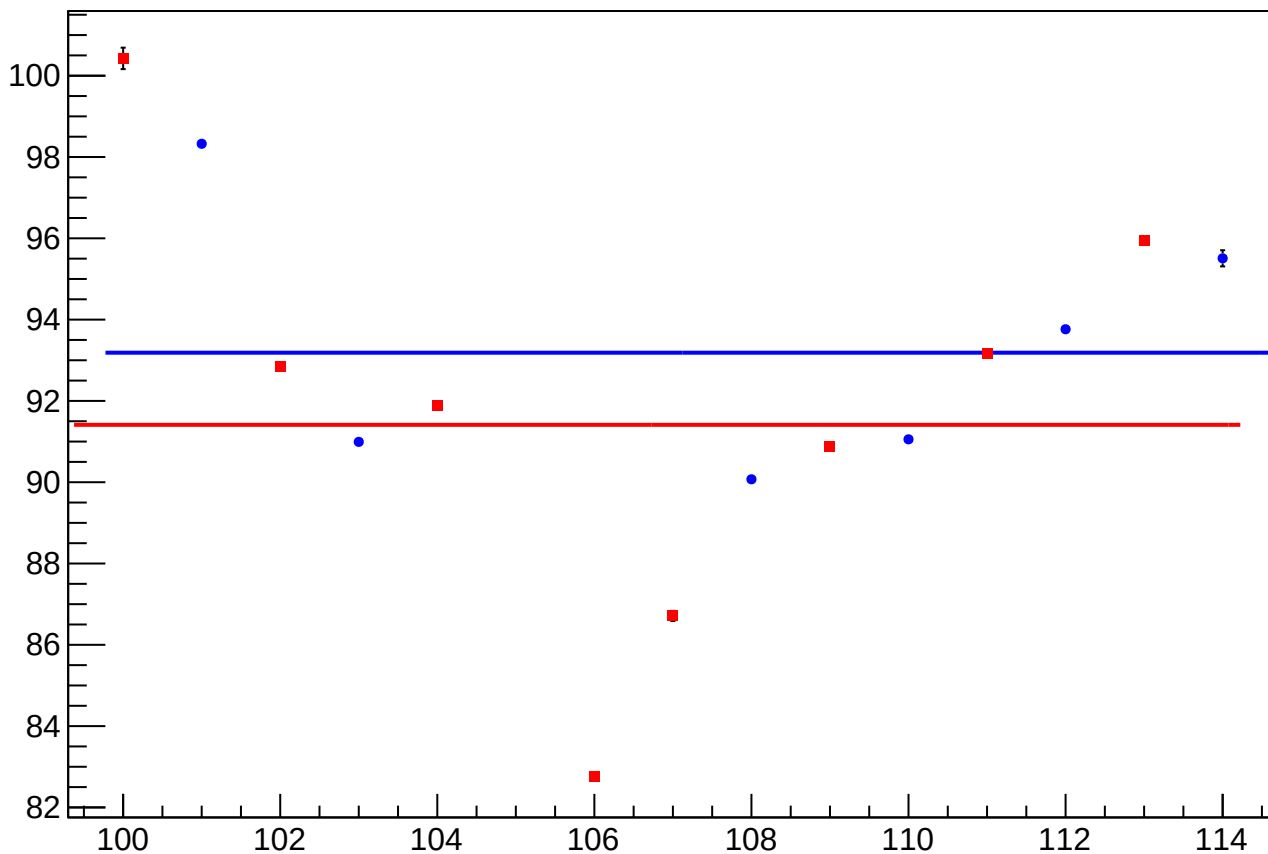
Right: 53.325+/-38.088 χ^2/NDF : 12.7/13

In: 87.423+/-57.336 χ^2/NDF : 2.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.325+/-38.088 χ^2/NDF : 12.7/13

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

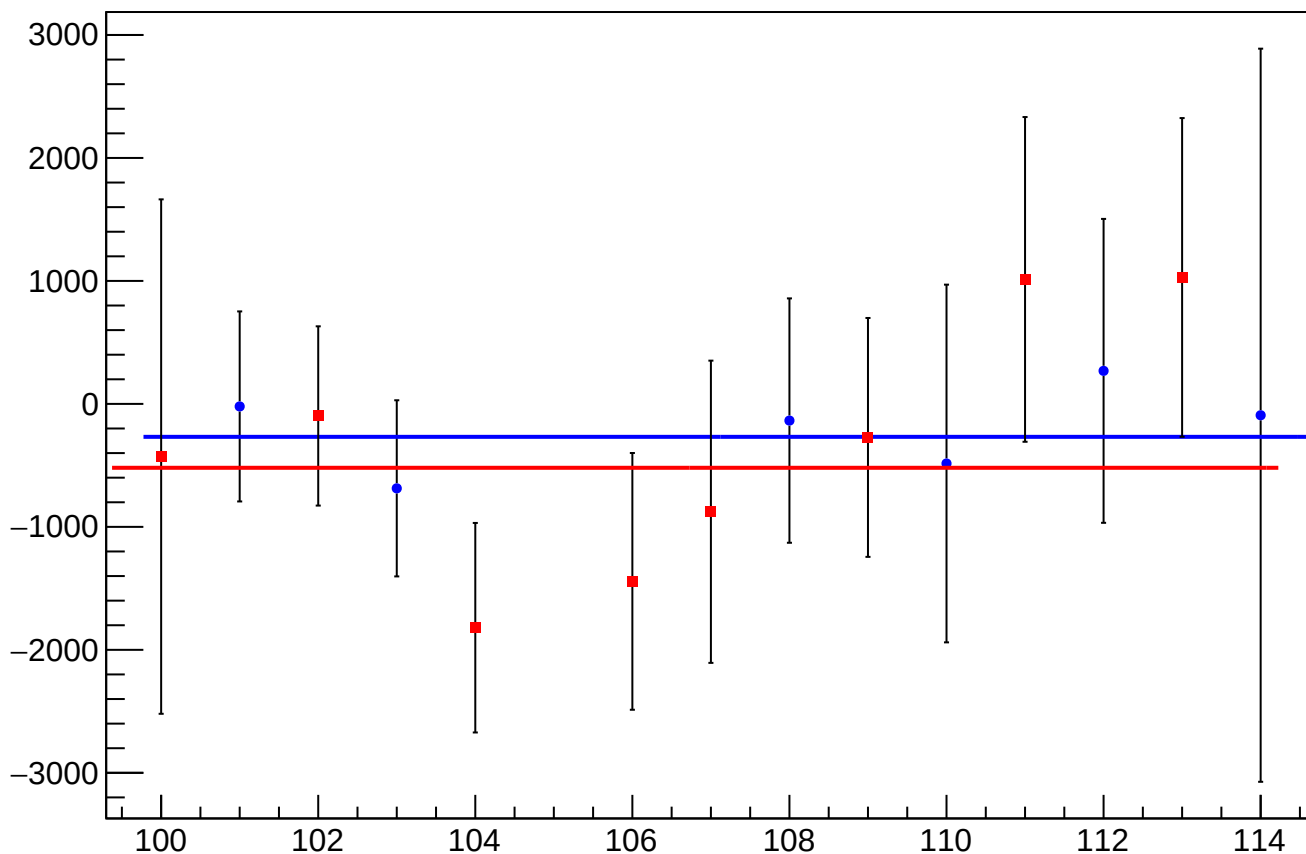
Right: 92.195 $\pm$ 0.027 χ^2 /NDF: 18185.4/13

In: 93.186 $\pm$ 0.041 χ^2 /NDF:5795.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.195 $\pm$ 0.027 χ^2 /NDF: 18185.4/13

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

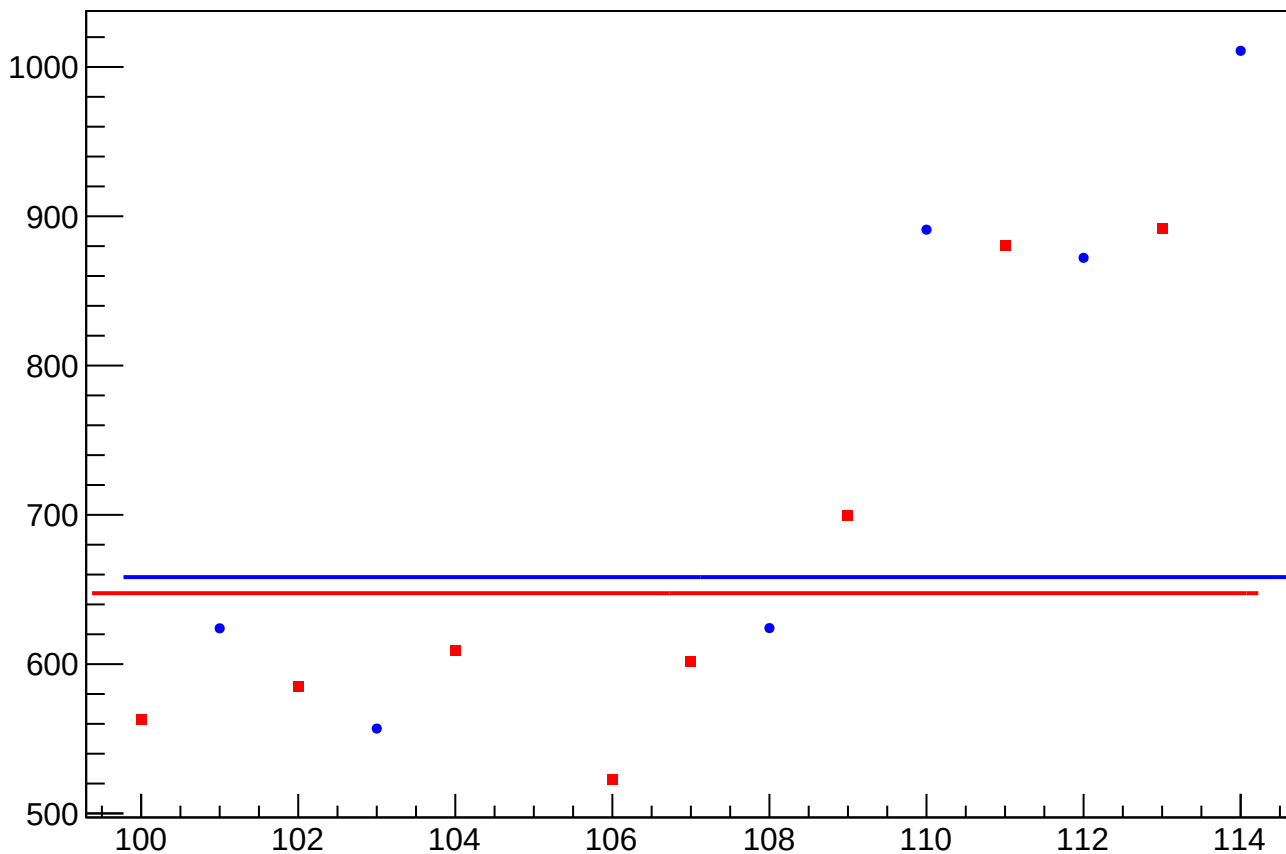
Right: -407.277+/-275.507 χ^2/NDF : 7.3/13

In: -267.868+/-412.490 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -407.277+/-275.507 χ^2/NDF : 7.3/13

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

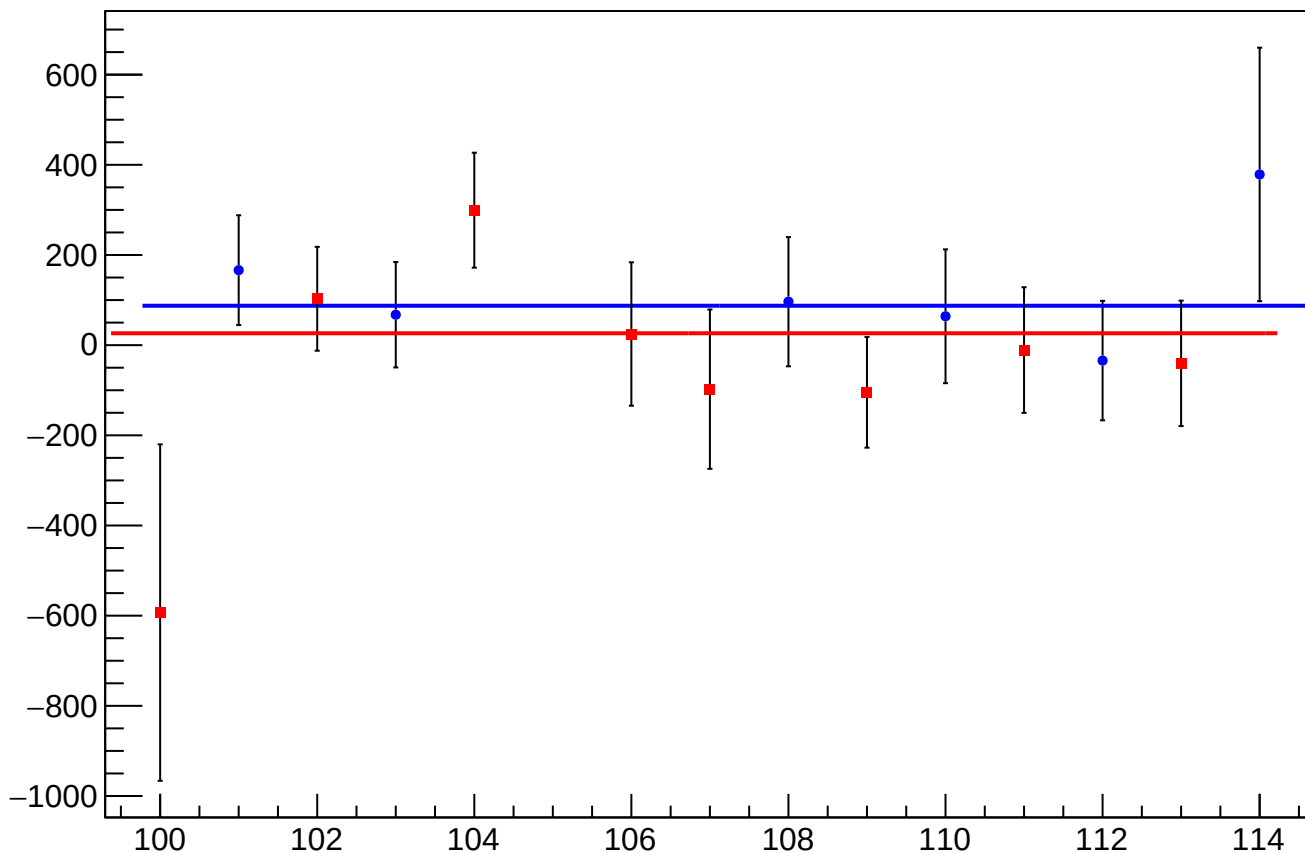
Right: 652.320+/-0.195 χ^2/NDF : 378875.3/13

In: 658.285+/-0.292 χ^2/NDF : 185525.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.320+/-0.195 χ^2/NDF : 378875.3/13

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

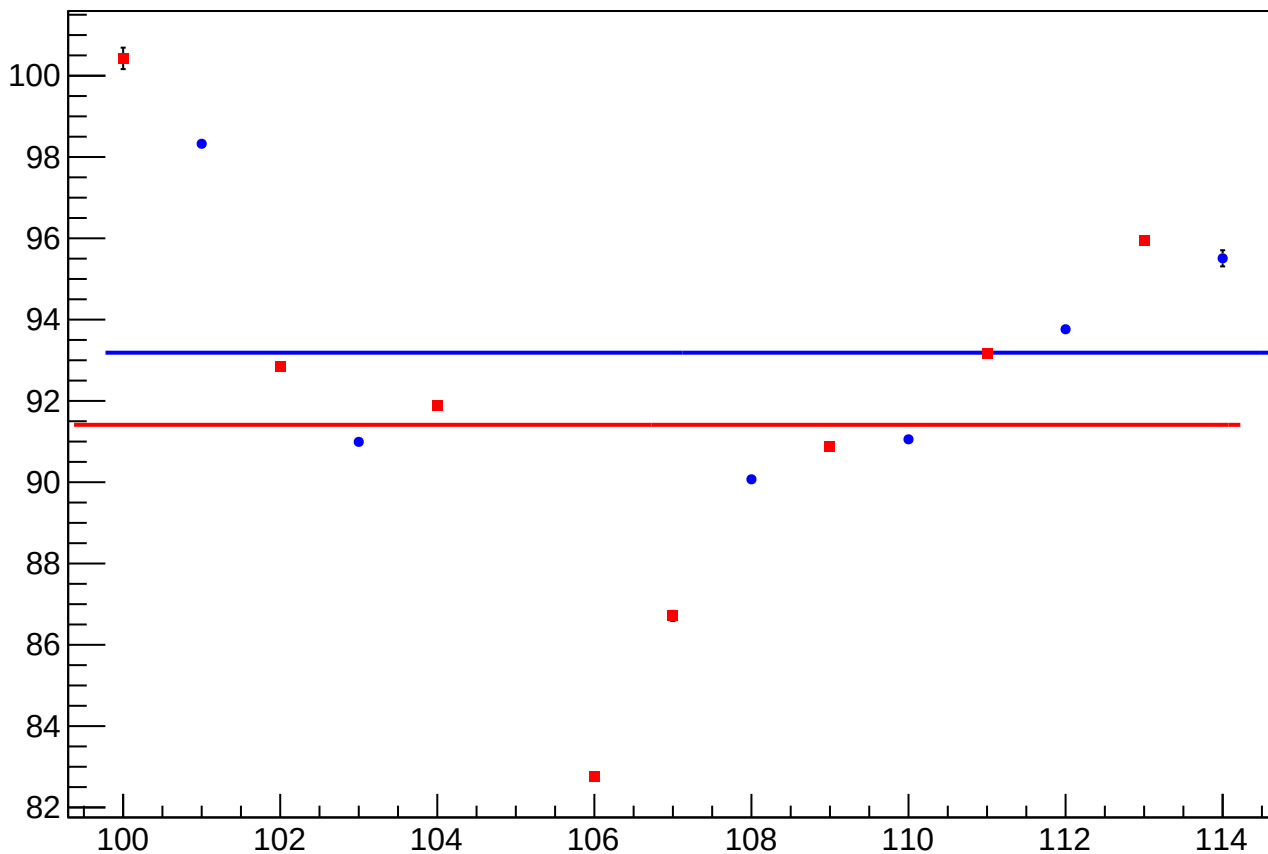
Right: 53.325+/-38.088 χ^2/NDF : 12.7/13

In: 87.423+/-57.336 χ^2/NDF : 2.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.325+/-38.088 χ^2/NDF : 12.7/13

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



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: 91.412+/-0.036 χ^2/NDF : 11319.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

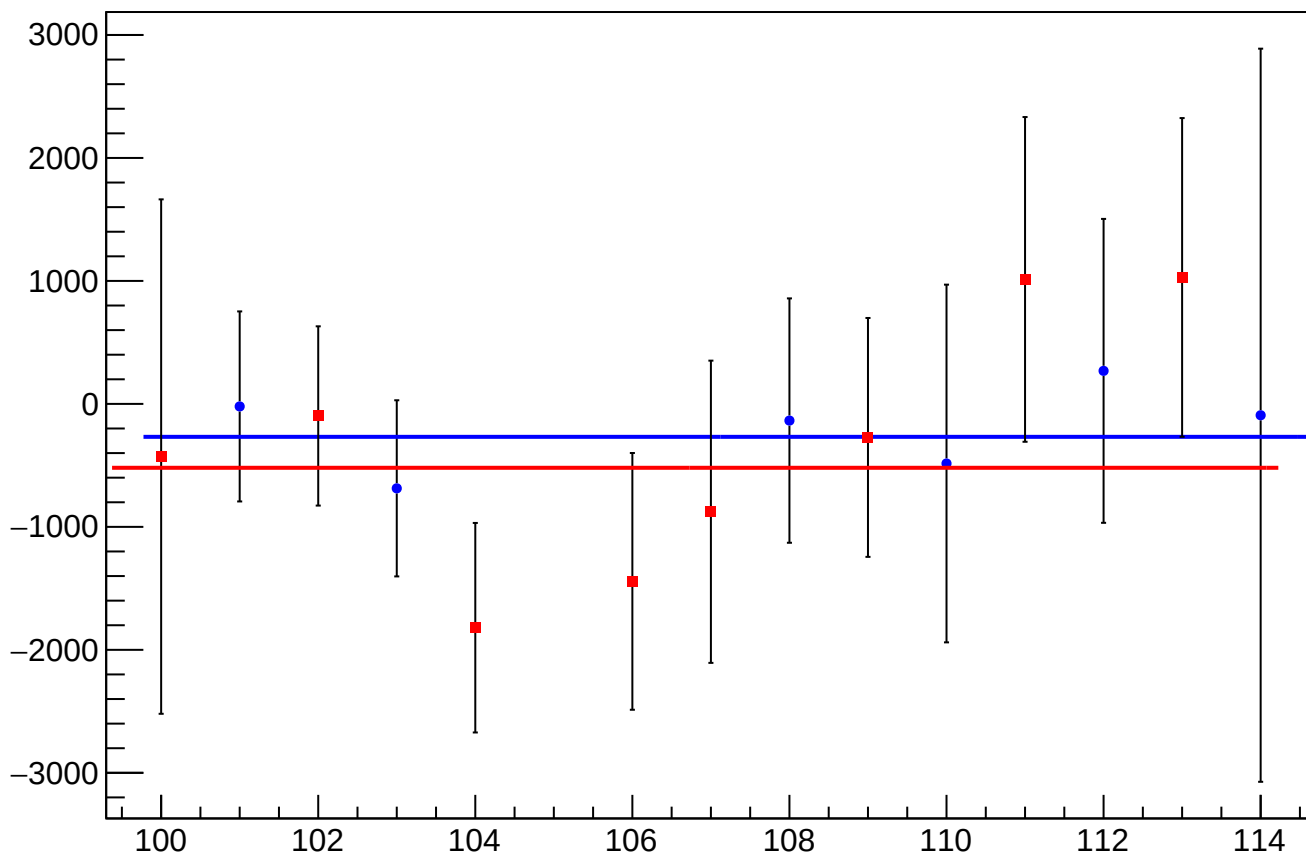
Right: 92.195+/-0.027 χ^2/NDF : 18185.4/13

In: 93.186+/-0.041 χ^2/NDF : 5795.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.195+/-0.027 χ^2/NDF : 18185.4/13

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

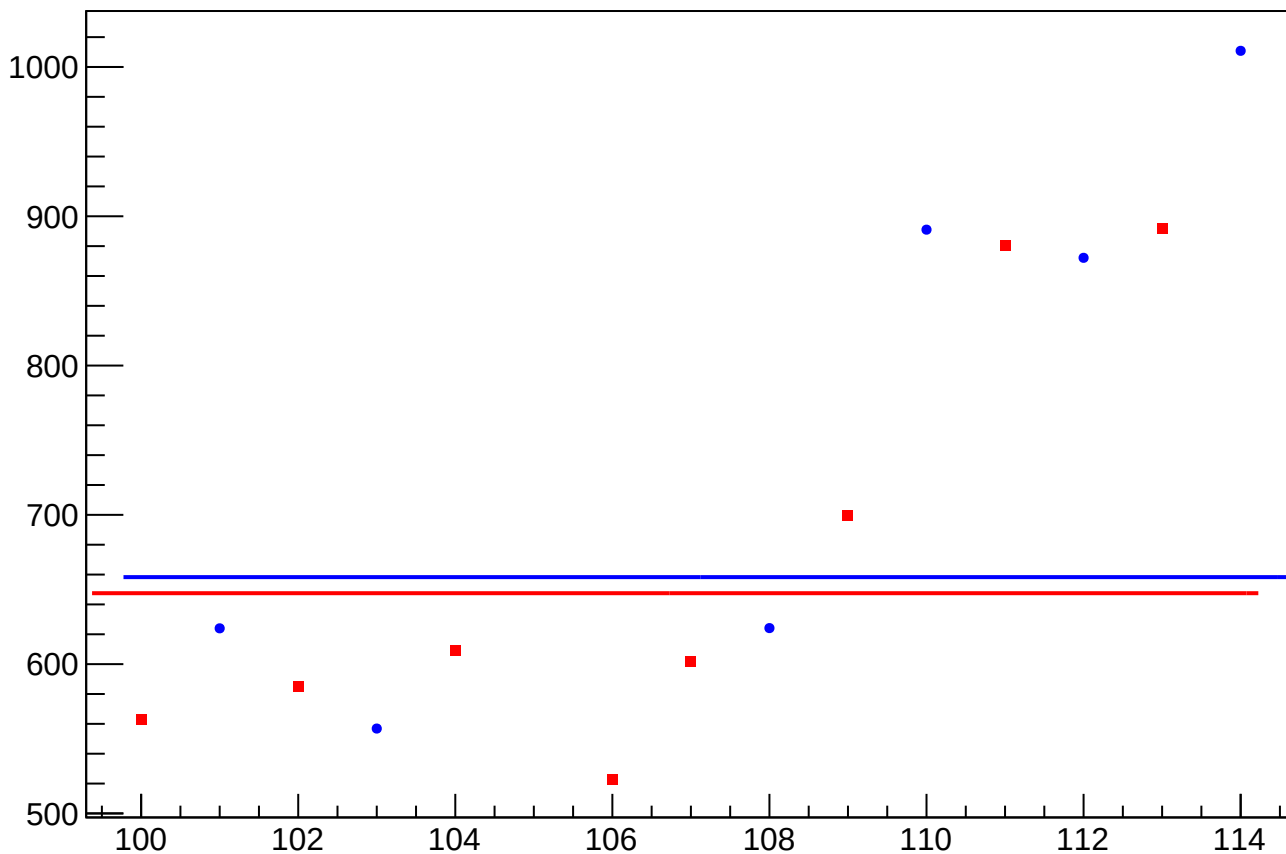
Right: -407.277+/-275.507 χ^2/NDF : 7.3/13

In: -267.868+/-412.490 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -407.277+/-275.507 χ^2/NDF : 7.3/13

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

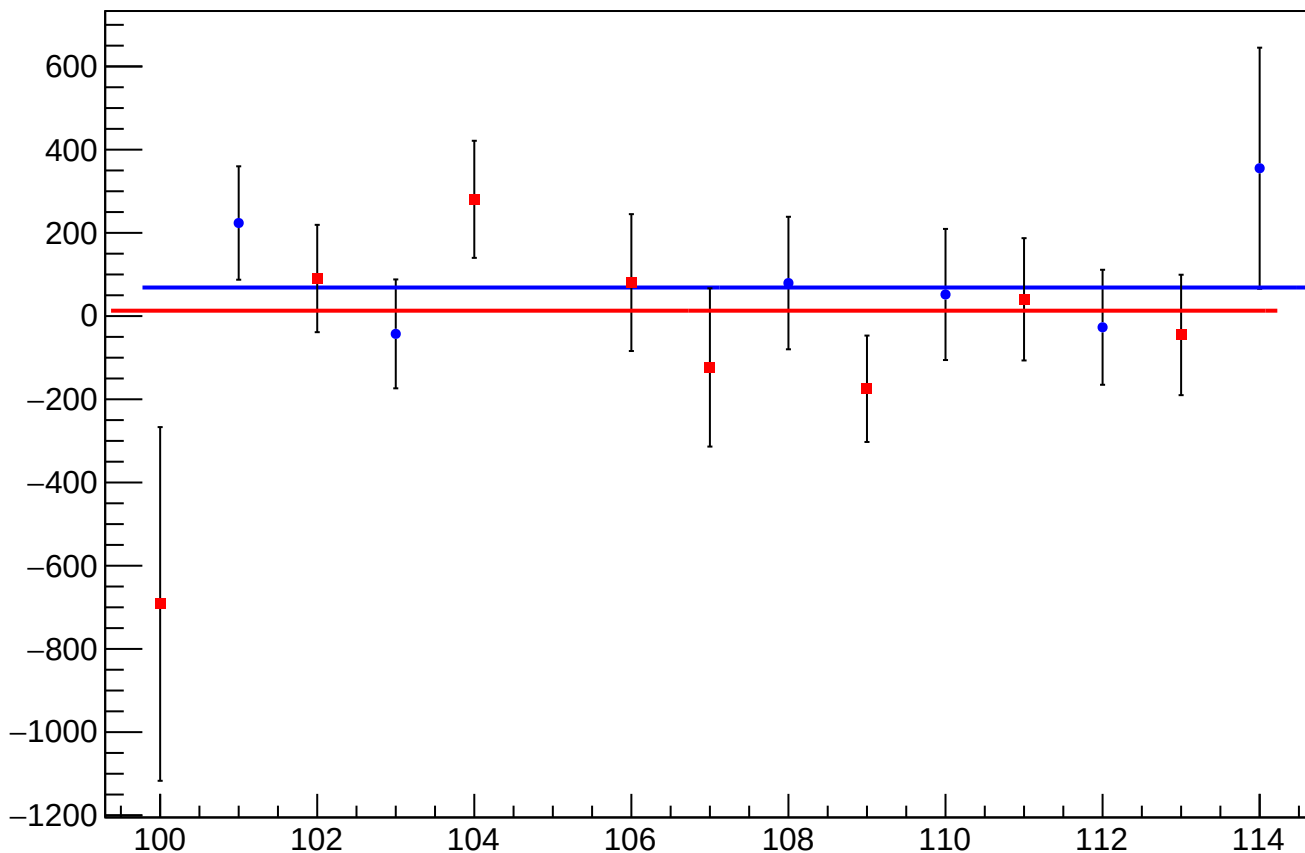
Right: 652.320+/-0.195 χ^2/NDF : 378875.3/13

In: 658.285+/-0.292 χ^2/NDF : 185525.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.320+/-0.195 χ^2/NDF : 378875.3/13

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

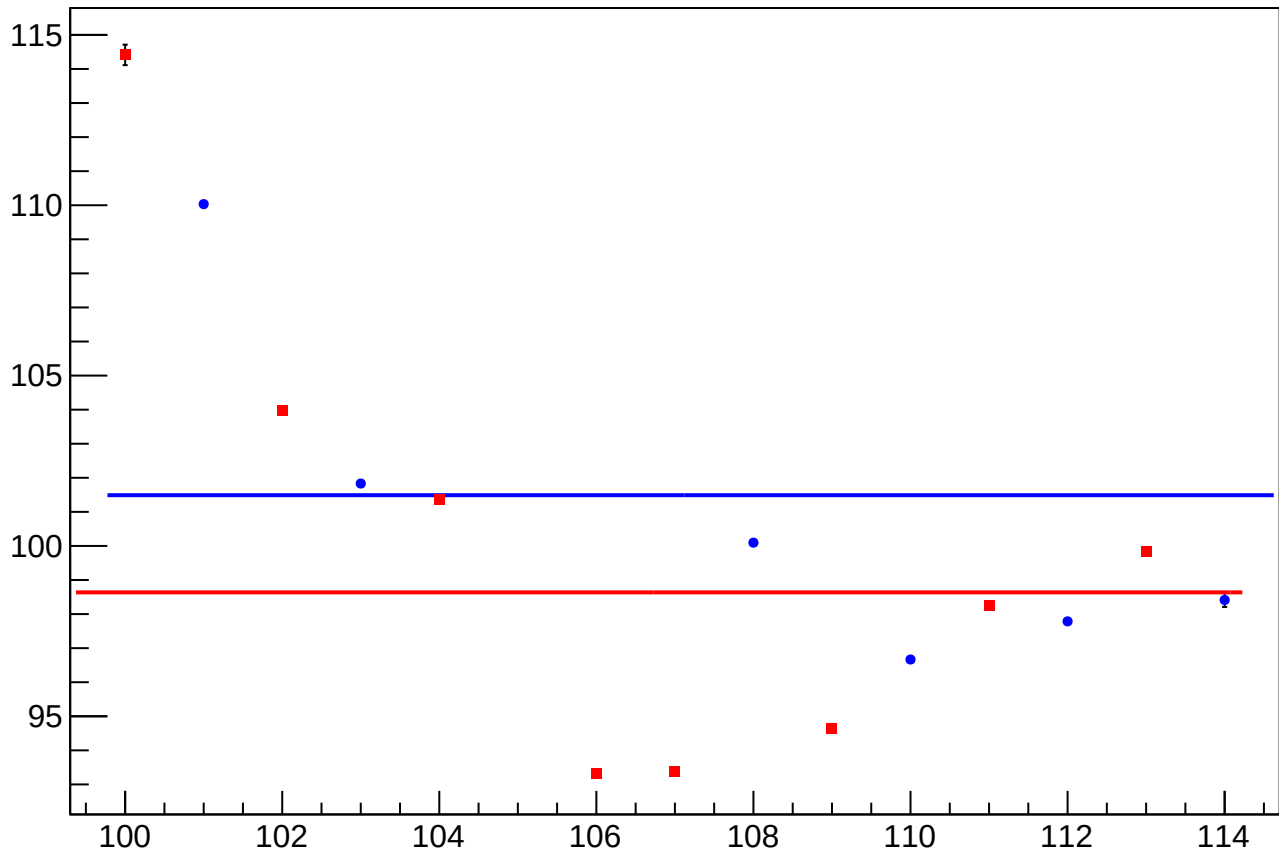
Right: 37.059 $\pm$ -41.096 χ^2 /NDF: 13.7/13

In: 68.670 $\pm$ -62.478 χ^2 /NDF:3.5/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 37.059 $\pm$ -41.096 χ^2 /NDF: 13.7/13

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

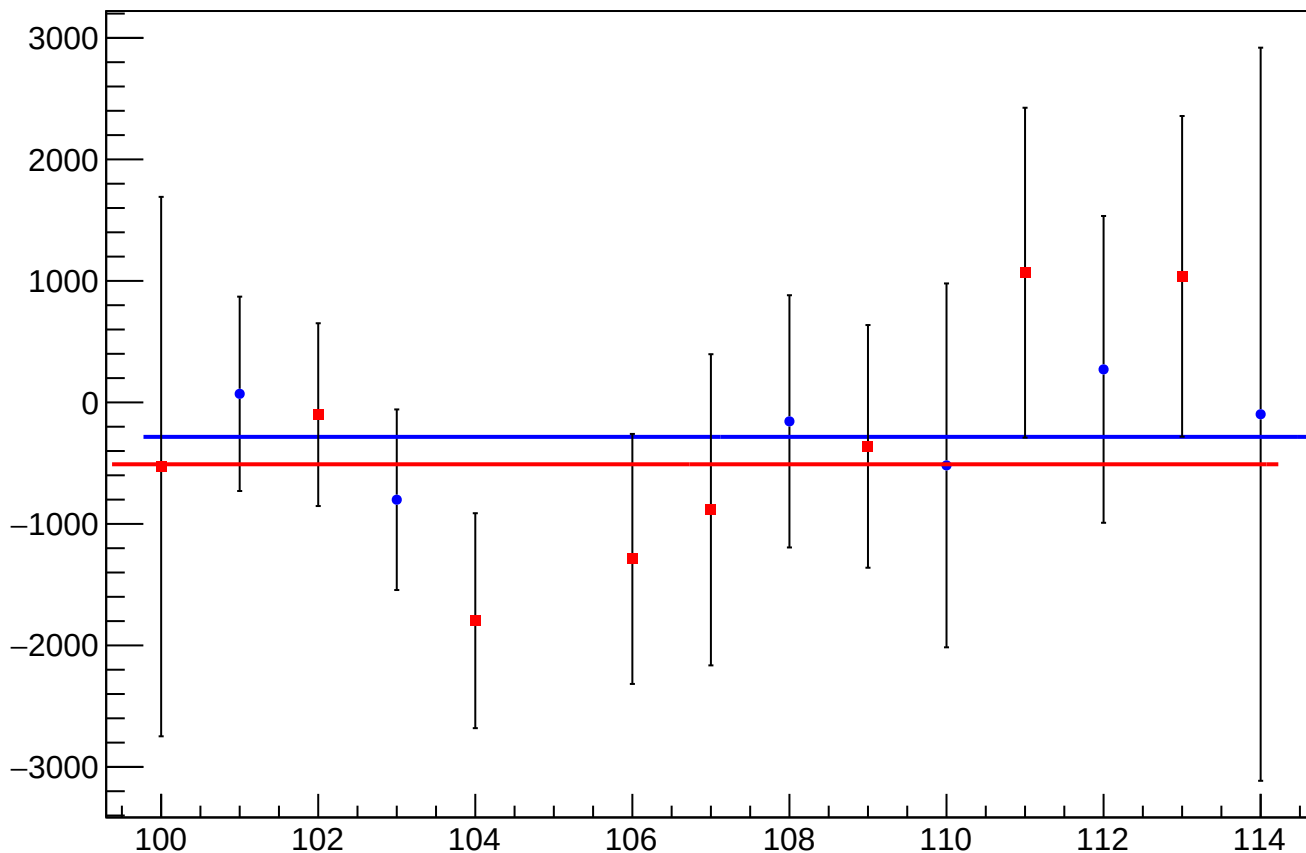
Right: 99.871 $\pm$ 0.029 χ^2 /NDF: 26587.1/13

In: 101.490 $\pm$ 0.044 χ^2 /NDF:11560.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.871 $\pm$ 0.029 χ^2 /NDF: 26587.1/13

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

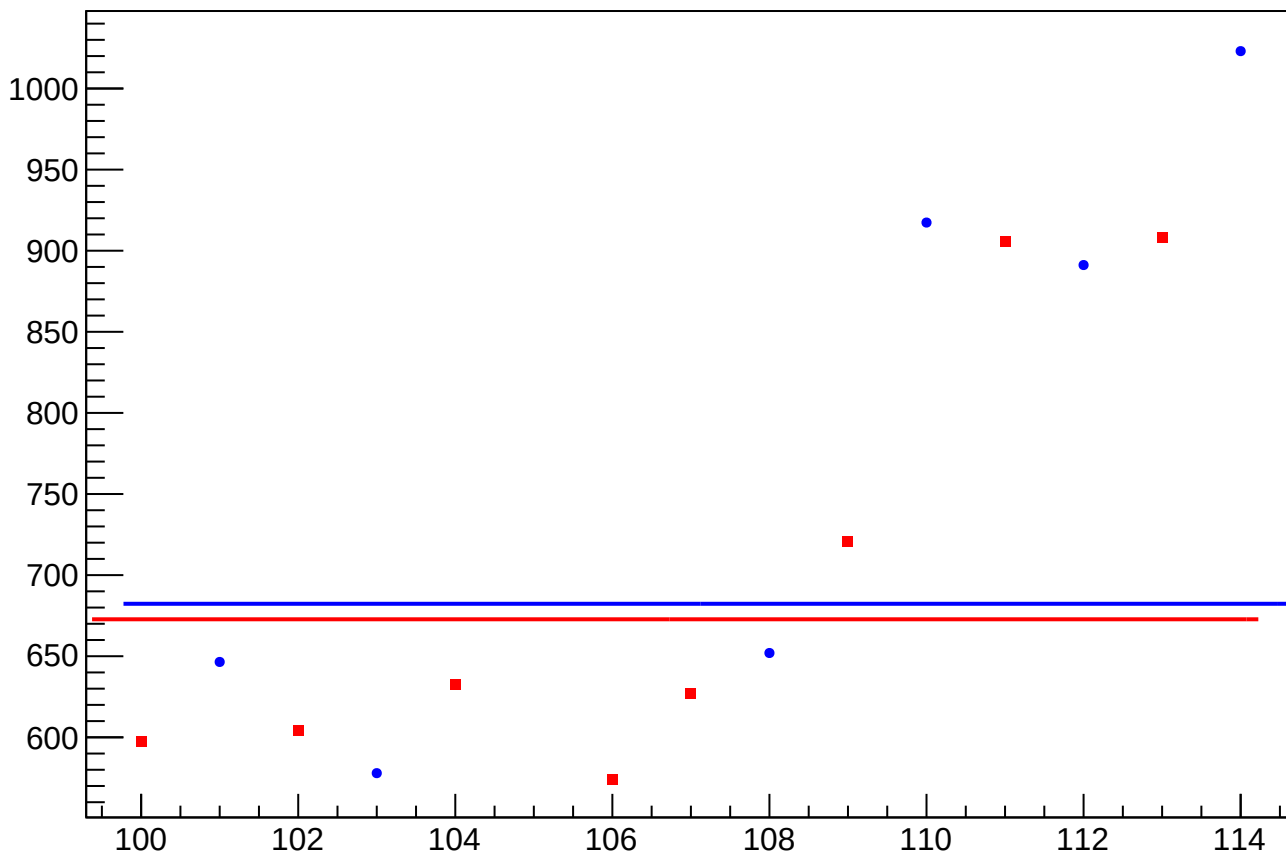
Right: -409.489+/-283.894 χ^2/NDF : 6.9/13

In: -283.611+/-426.976 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.489+/-283.894 χ^2/NDF : 6.9/13

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

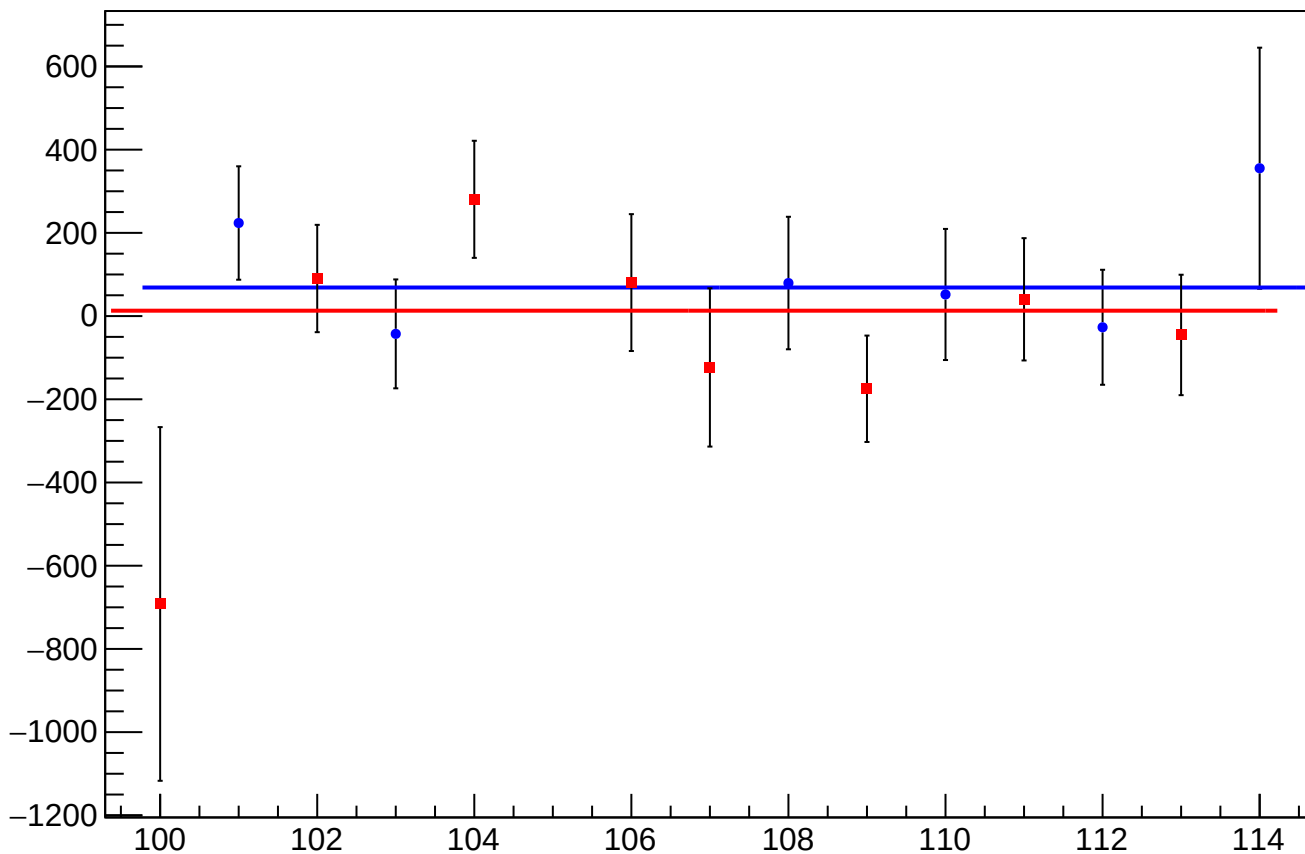
Right: 676.994+/-0.201 χ^2/NDF : 346363.2/13

In: 682.329+/-0.302 χ^2/NDF : 174711.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.994+/-0.201 χ^2/NDF : 346363.2/13

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

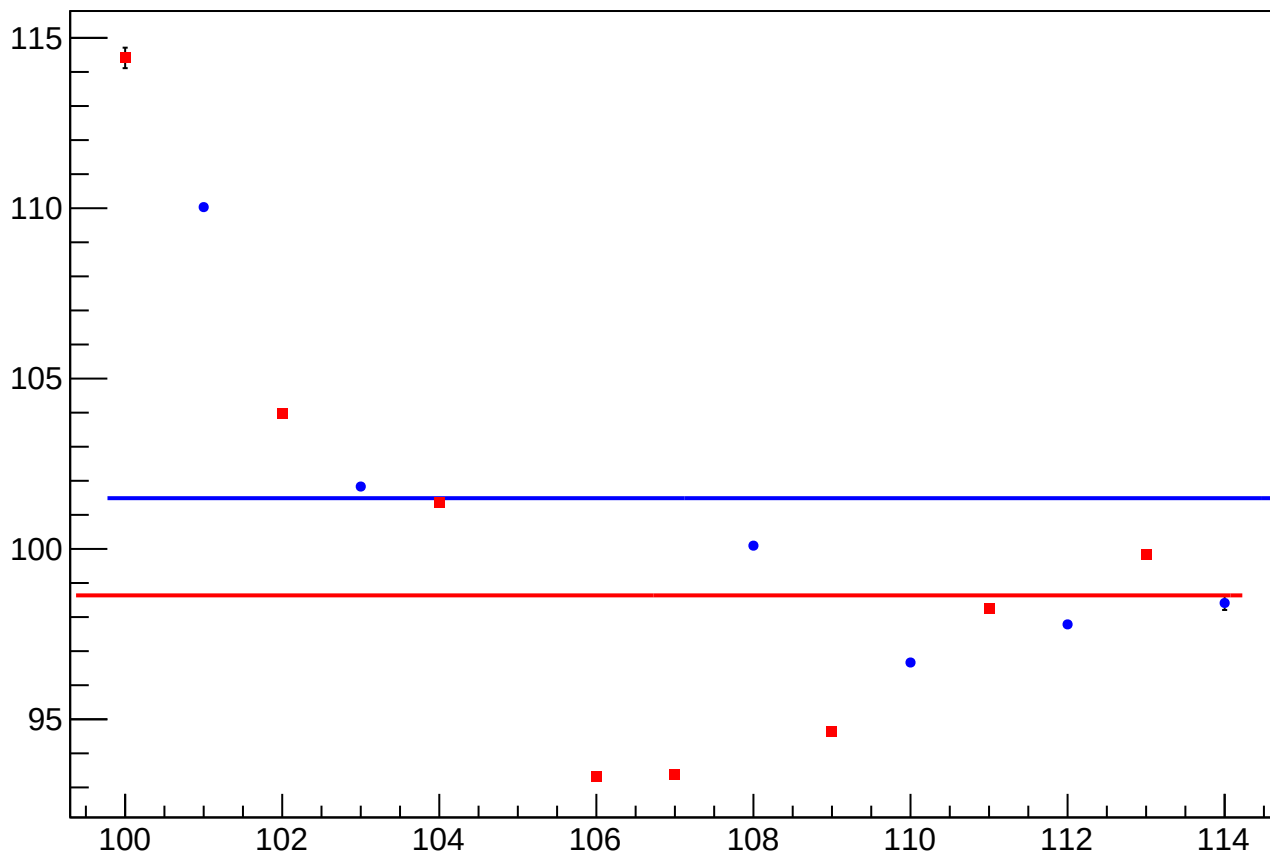
Right: 37.059+/-41.096 χ^2/NDF : 13.7/13

In: 68.671+/-62.478 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.059+/-41.096 χ^2/NDF : 13.7/13

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

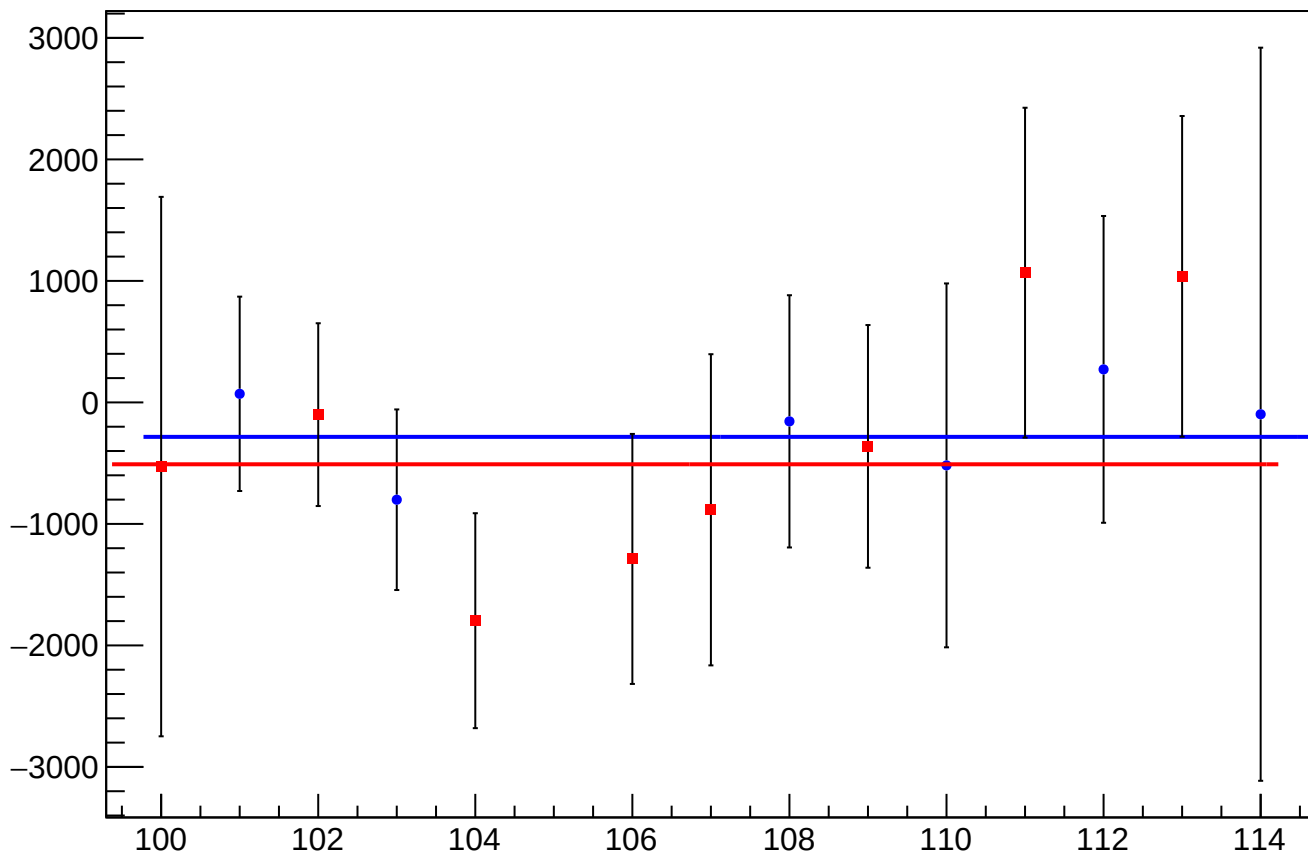
Right: 99.871 $\pm$ 0.029 χ^2 /NDF: 26586.9/13

In: 101.490 $\pm$ 0.044 χ^2 /NDF:11560.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.871 $\pm$ 0.029 χ^2 /NDF: 26586.9/13

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

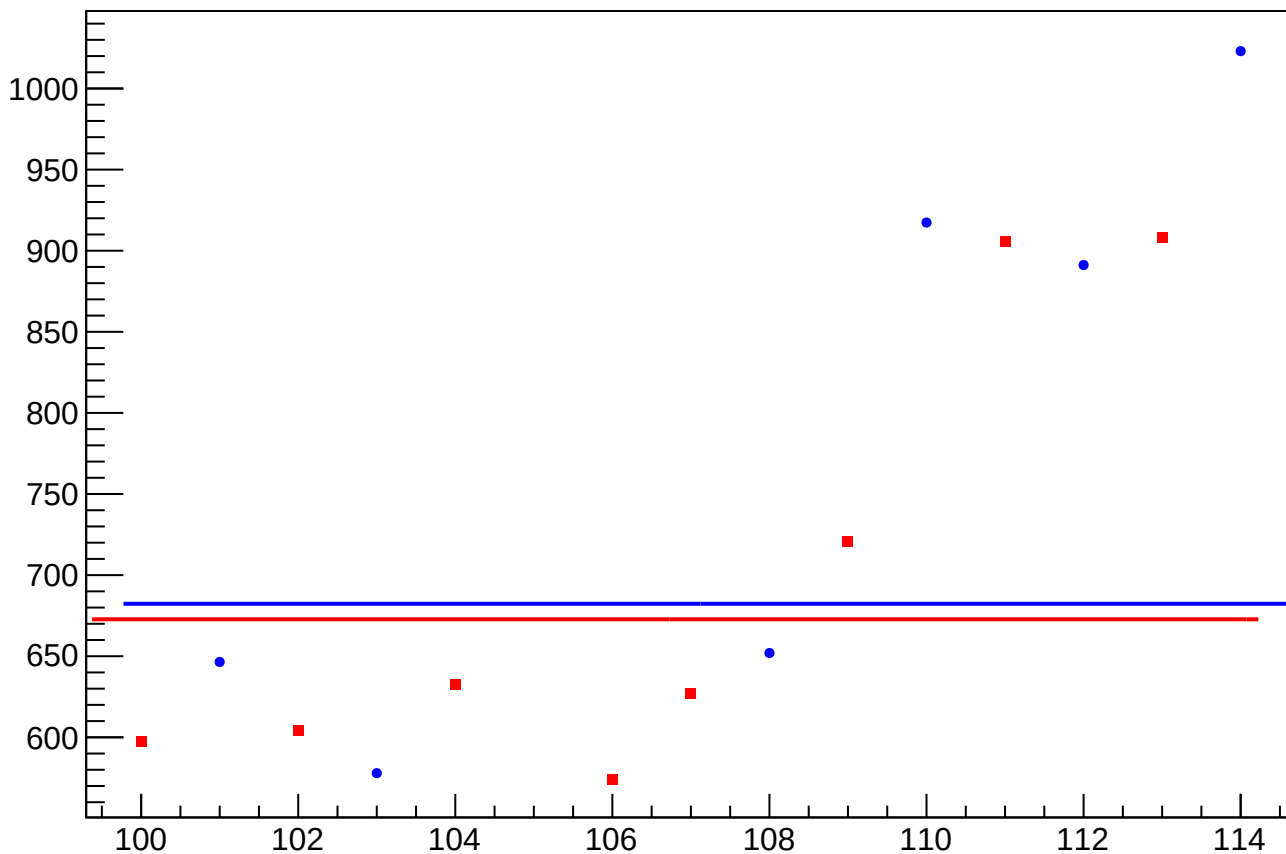
Right: -409.489+/-283.893 χ^2/NDF : 6.9/13

In: -283.610+/-426.975 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.489+/-283.893 χ^2/NDF : 6.9/13

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

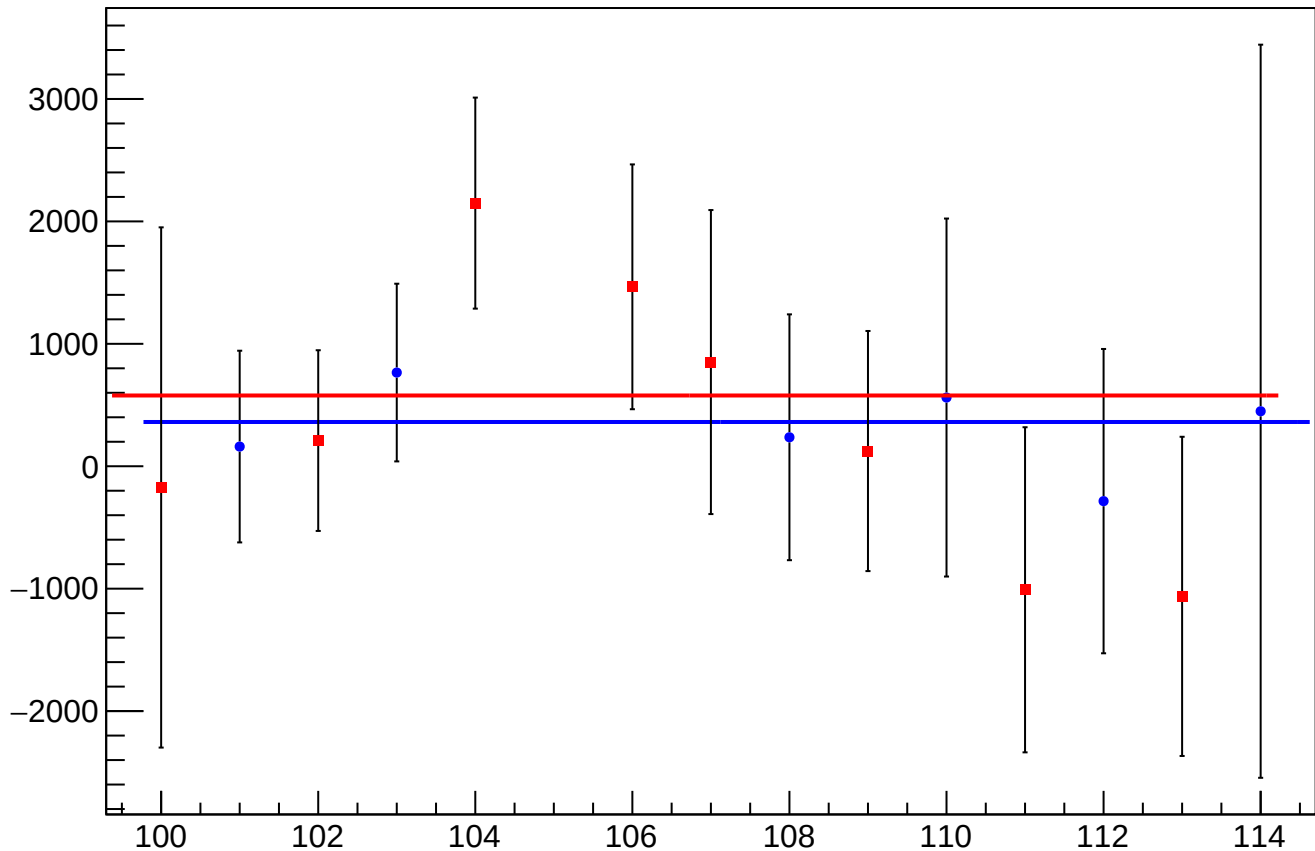
Right: 676.994+/-0.201 χ^2/NDF : 346362.5/13

In: 682.328+/-0.302 χ^2/NDF : 174711.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.994+/-0.201 χ^2/NDF : 346362.5/13

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

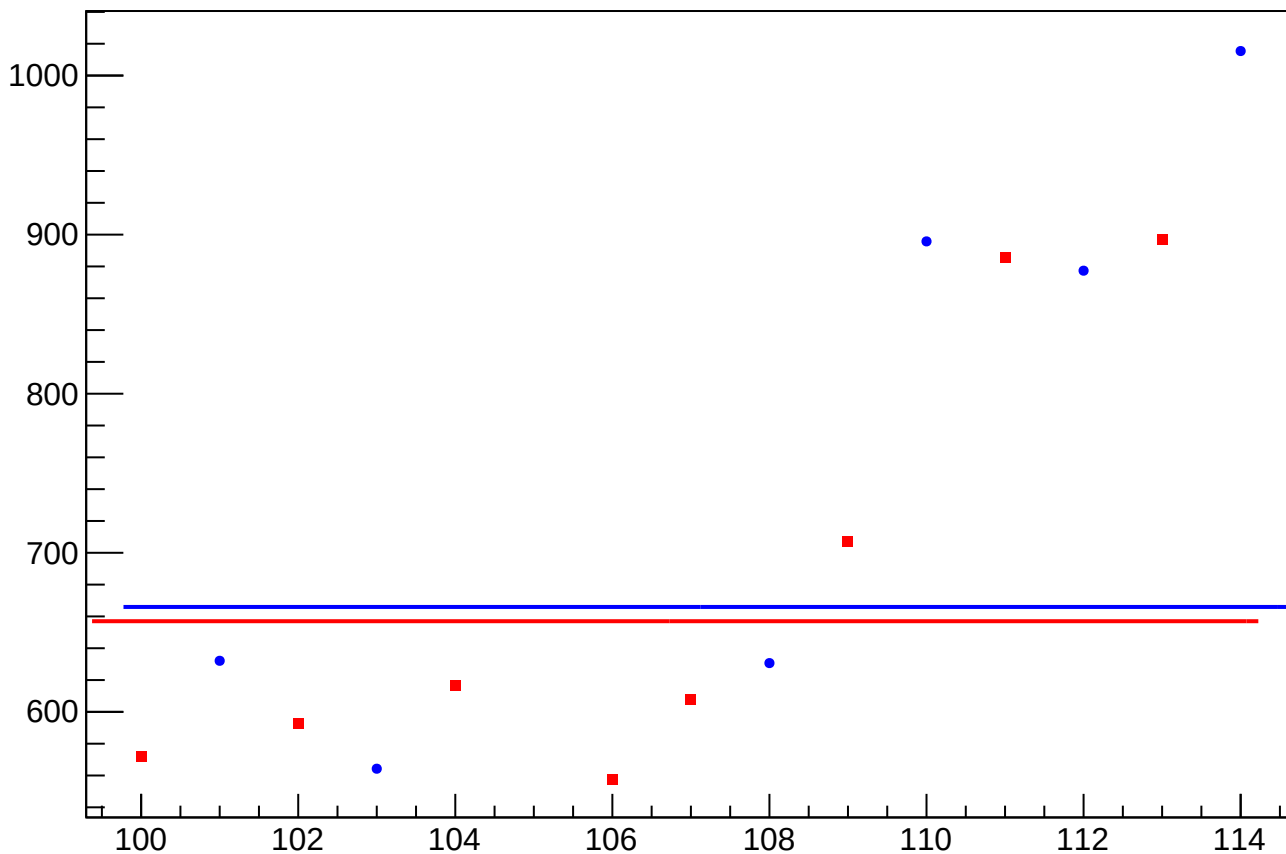
Right: 482.216+/-277.389 χ^2/NDF : 8.6/13

In: 361.507+/-417.078 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.216+/-277.389 χ^2/NDF : 8.6/13

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 665.954+/-0.295 χ^2/NDF : 179957.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.989+/-0.263 χ^2/NDF : 178201.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

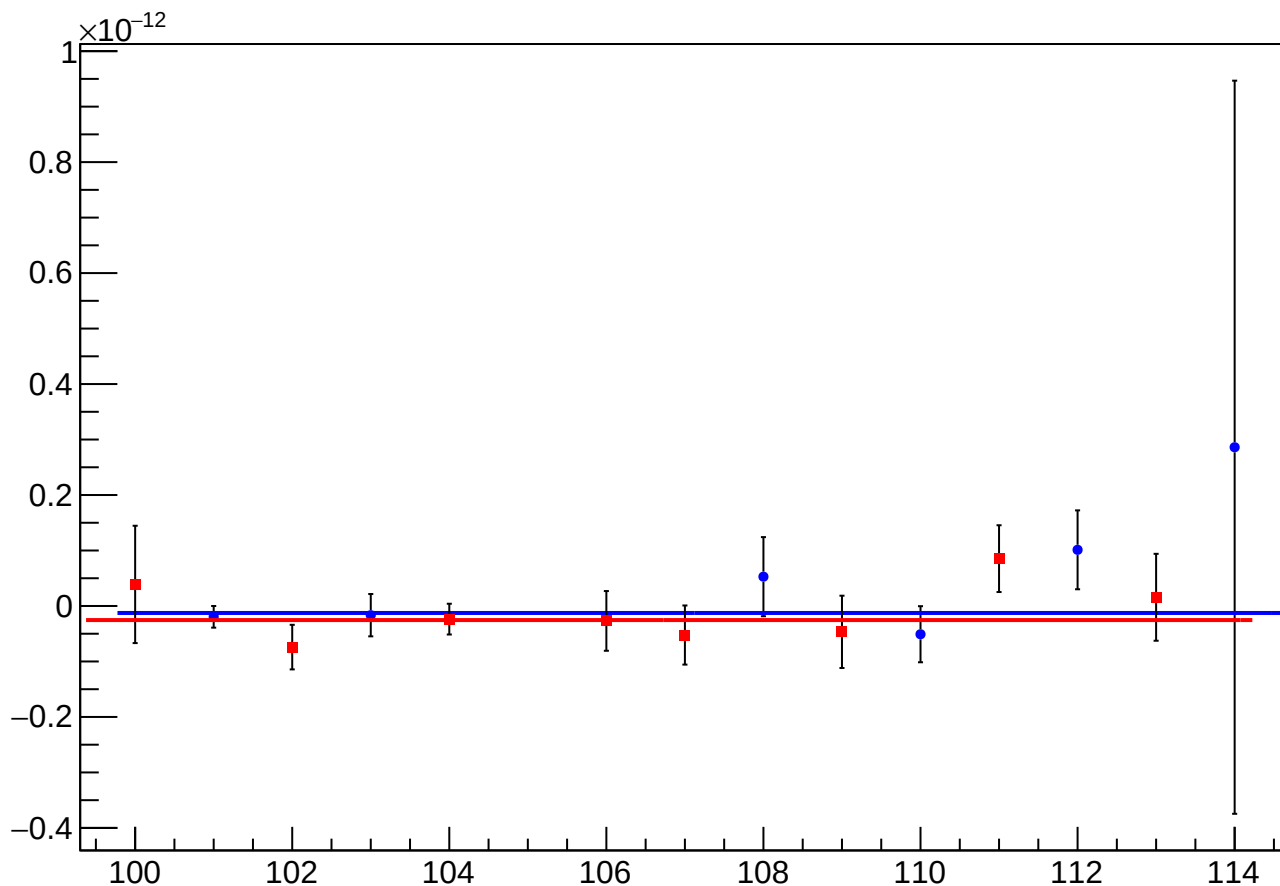
Right: 660.955+/-0.196 χ^2/NDF : 358673.5/13

In: 665.954+/-0.295 χ^2/NDF : 179957.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.955+/-0.196 χ^2/NDF : 358673.5/13

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

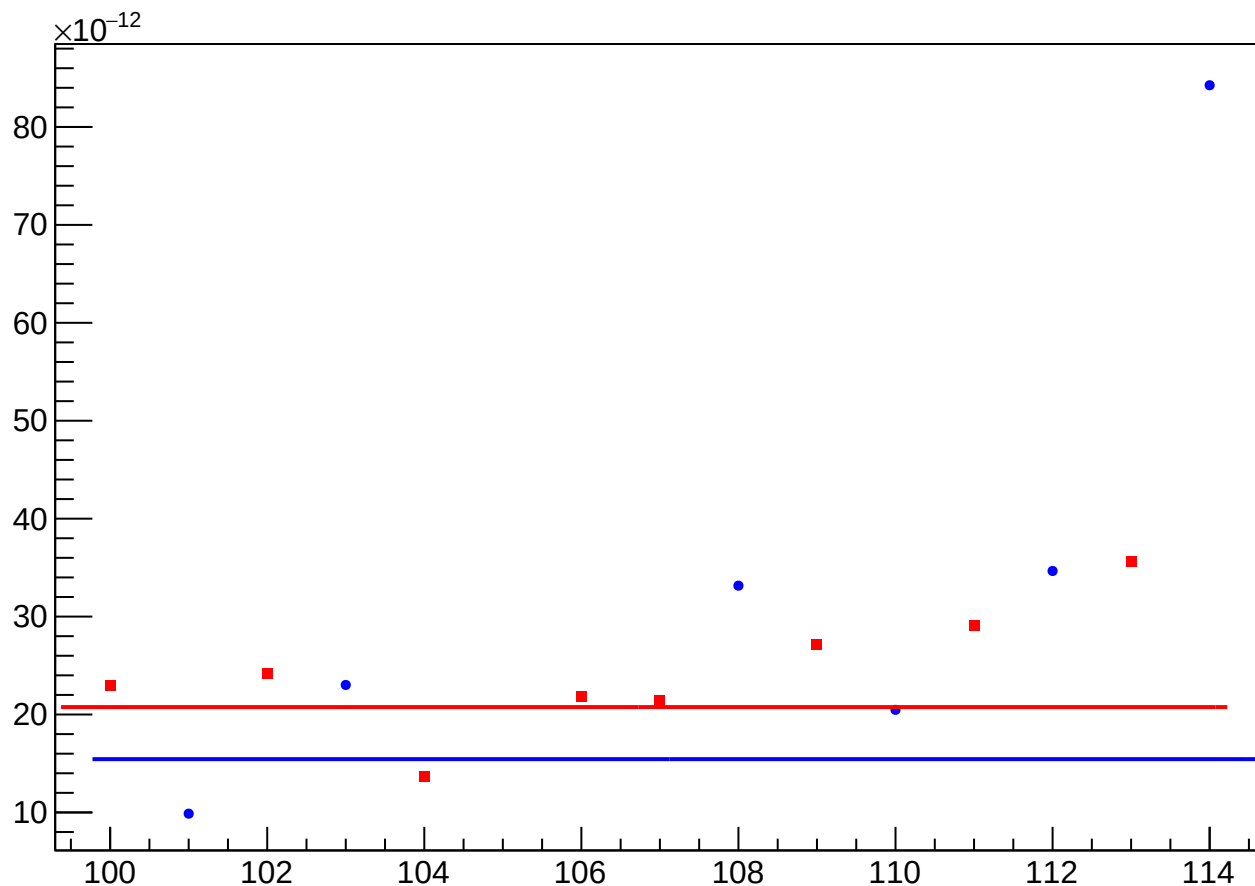
Right: -0.000+/-0.000 χ^2 /NDF: 10.5/13

In: -0.000+/-0.000 χ^2 /NDF:4.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.5/13

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

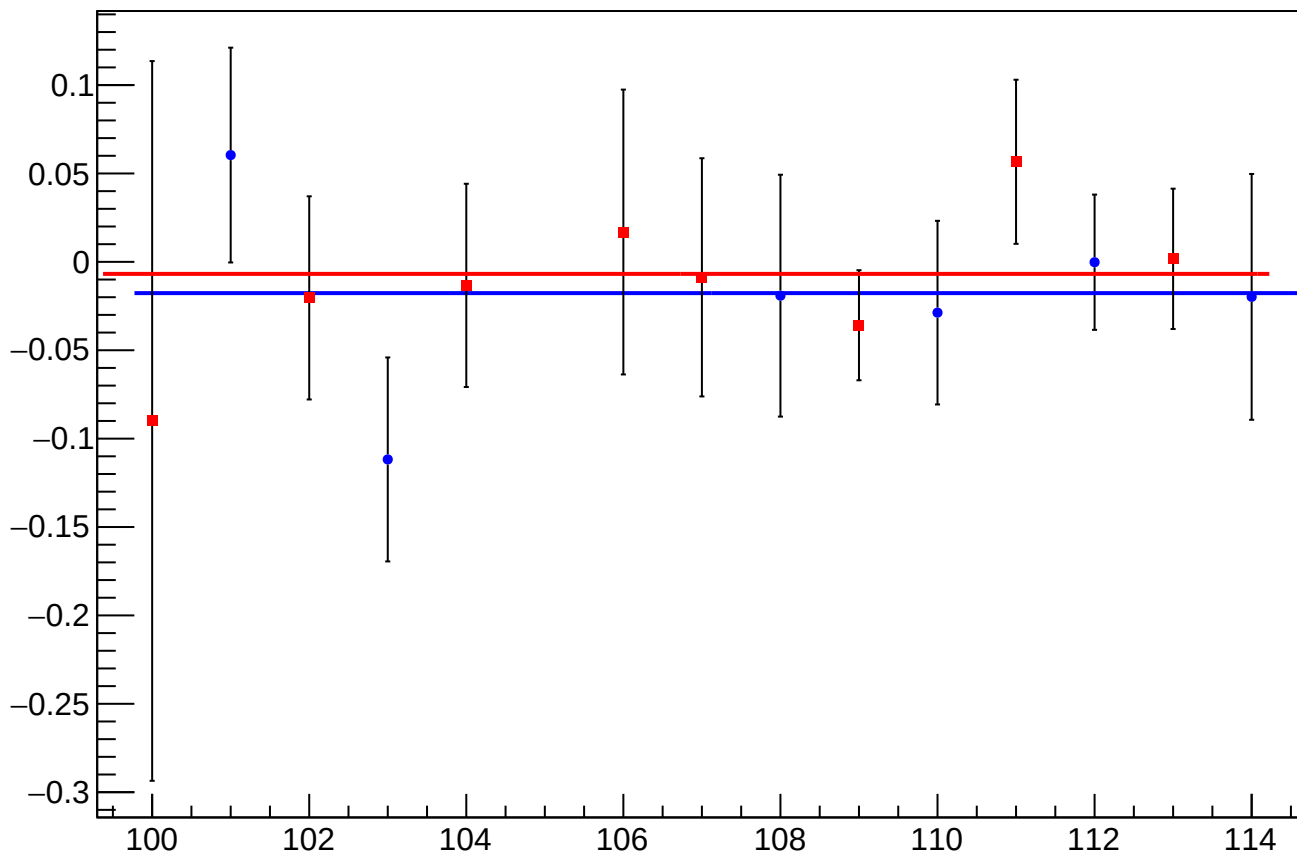
Right: 0.000+/-0.000 χ^2/NDF : 933659.6/13

In: 0.000+/-0.000 χ^2/NDF : 552776.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 933659.6/13

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

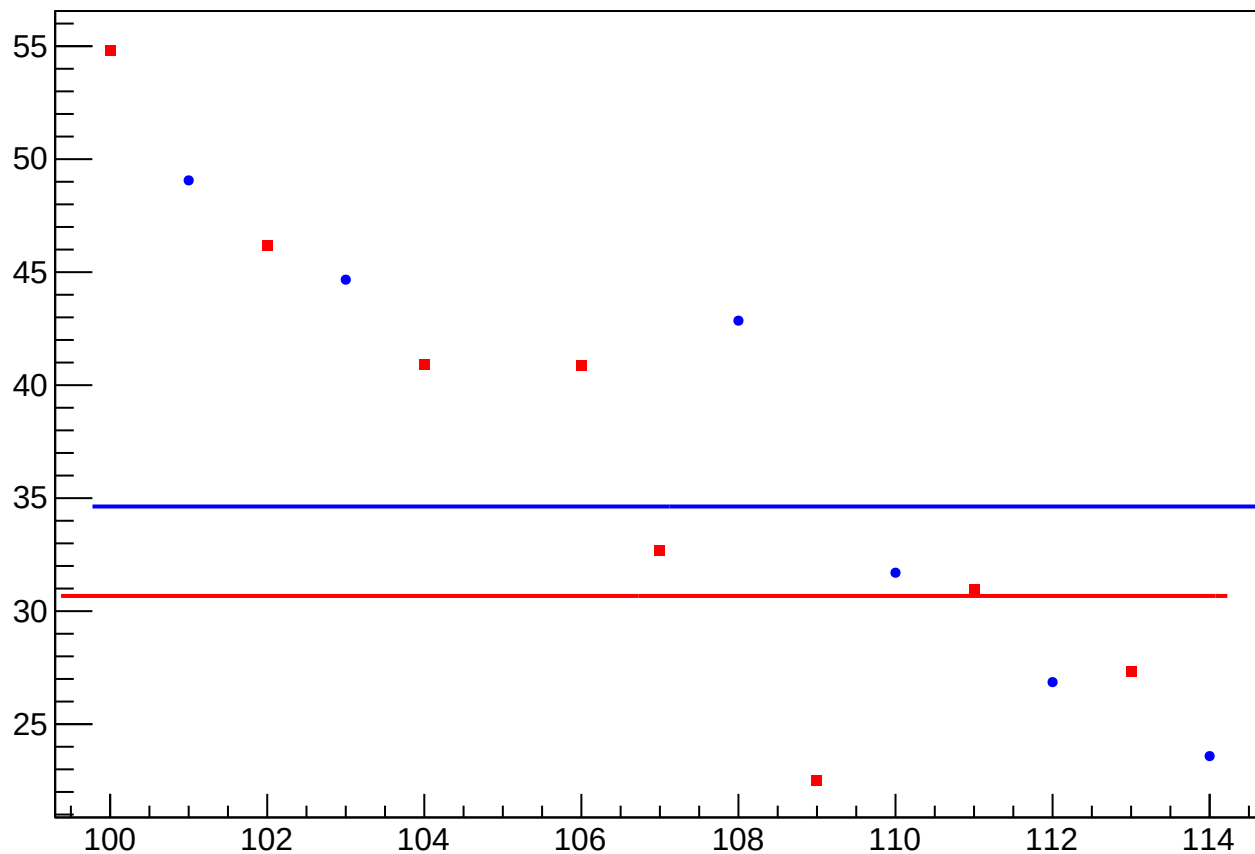
Right: -0.011+/-0.014 χ^2 /NDF: 7.8/13

In: -0.018+/-0.022 χ^2 /NDF:4.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.014 χ^2 /NDF: 7.8/13

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.631+/-0.016 χ^2/NDF : 341623.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.673+/-0.013 χ^2/NDF : 423109.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

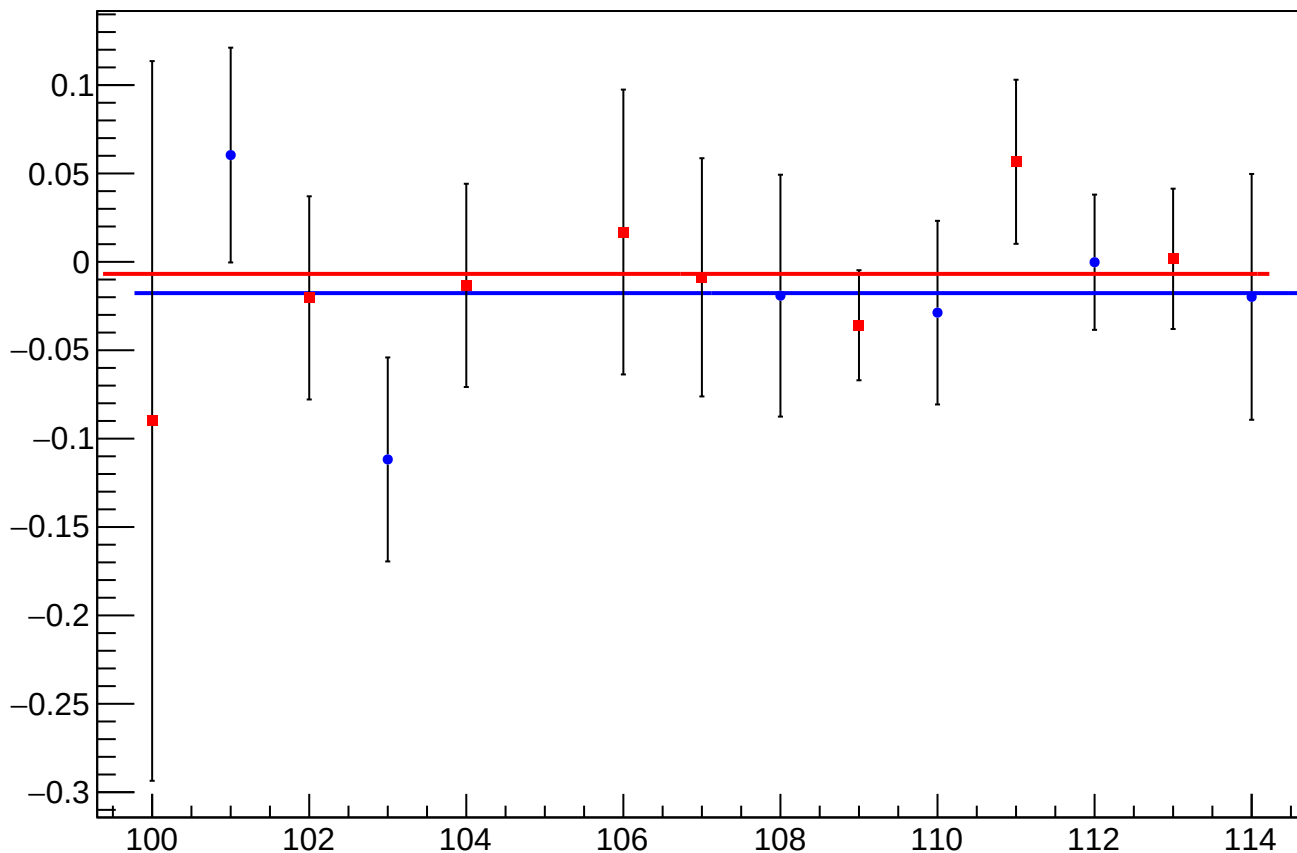
Right: 32.236+/-0.010 χ^2/NDF : 803515.2/13

In: 34.631+/-0.016 χ^2/NDF : 341623.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.236+/-0.010 χ^2/NDF : 803515.2/13

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

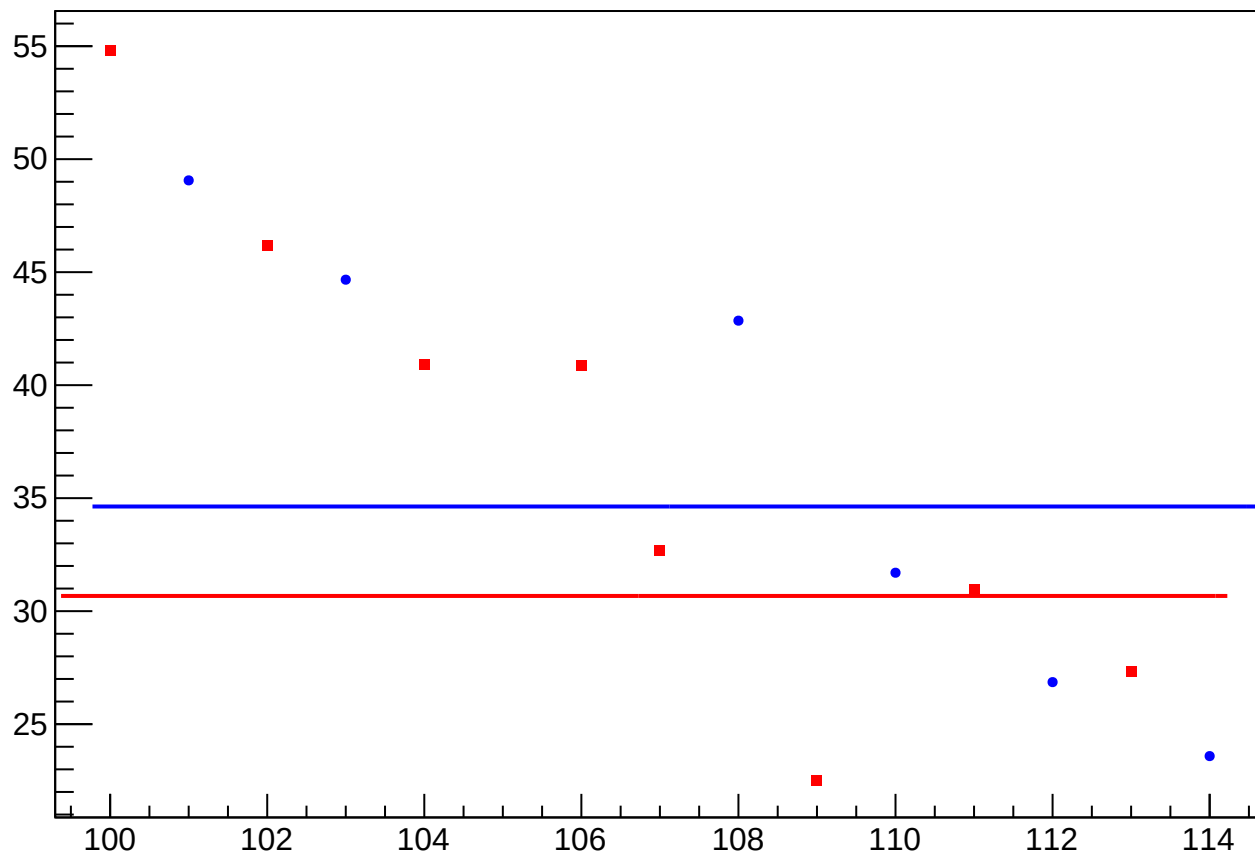
Right: -0.011+/-0.014 χ^2/NDF : 7.8/13

In: -0.018+/-0.022 χ^2/NDF :4.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.011+/-0.014 χ^2/NDF : 7.8/13

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.631+/-0.016 χ^2/NDF : 341623.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.673+/-0.013 χ^2/NDF : 423109.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

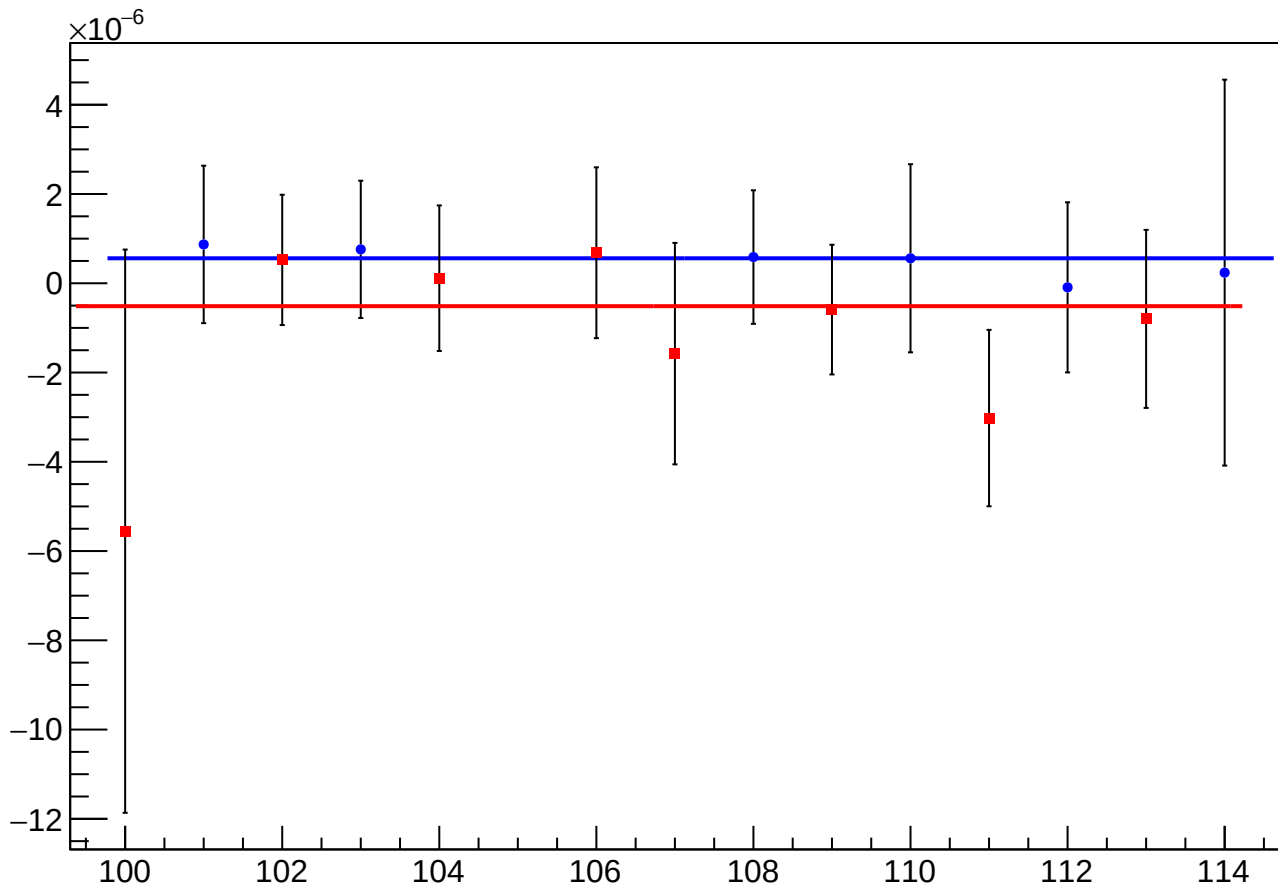
Right: 32.236+/-0.010 χ^2/NDF : 803515.2/13

In: 34.631+/-0.016 χ^2/NDF : 341623.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.236+/-0.010 χ^2/NDF : 803515.2/13

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

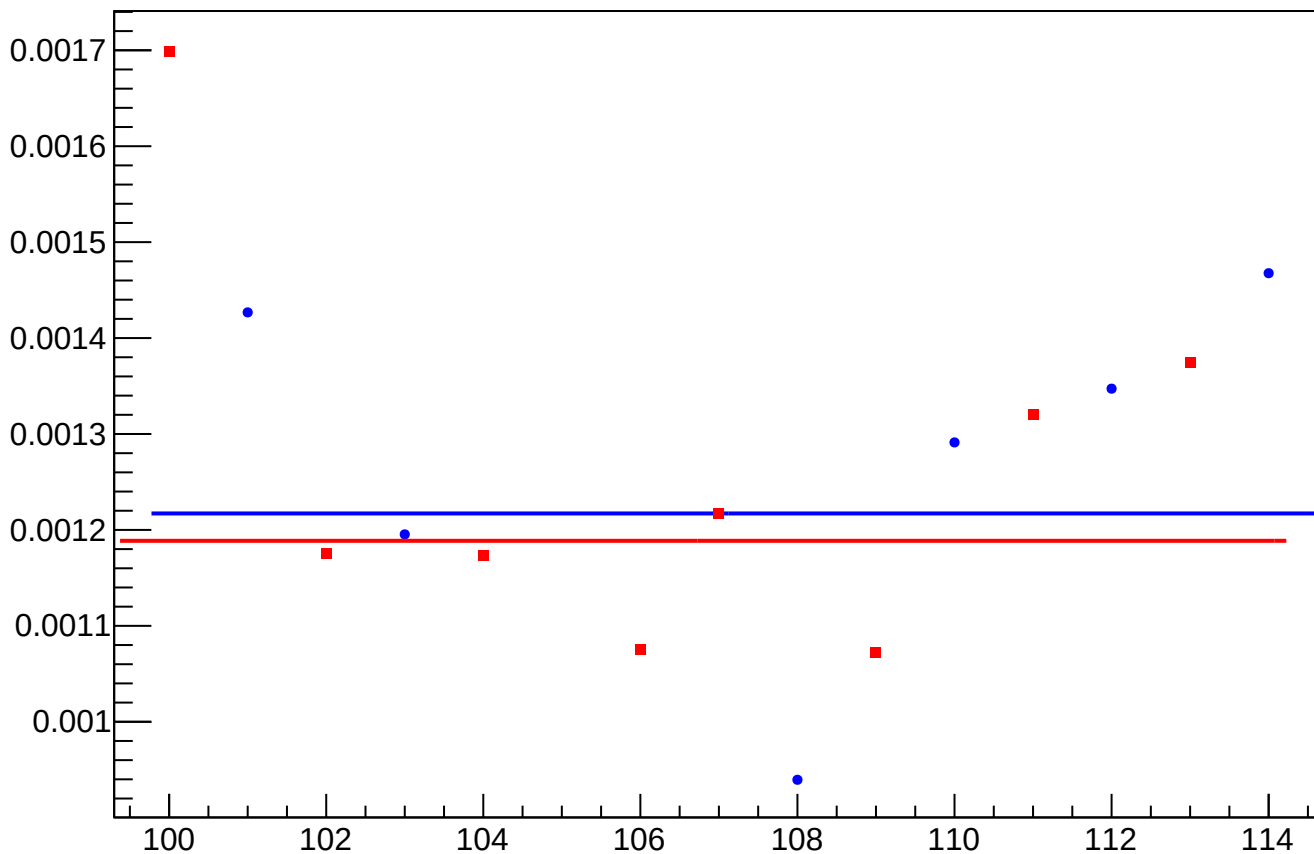
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/13

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

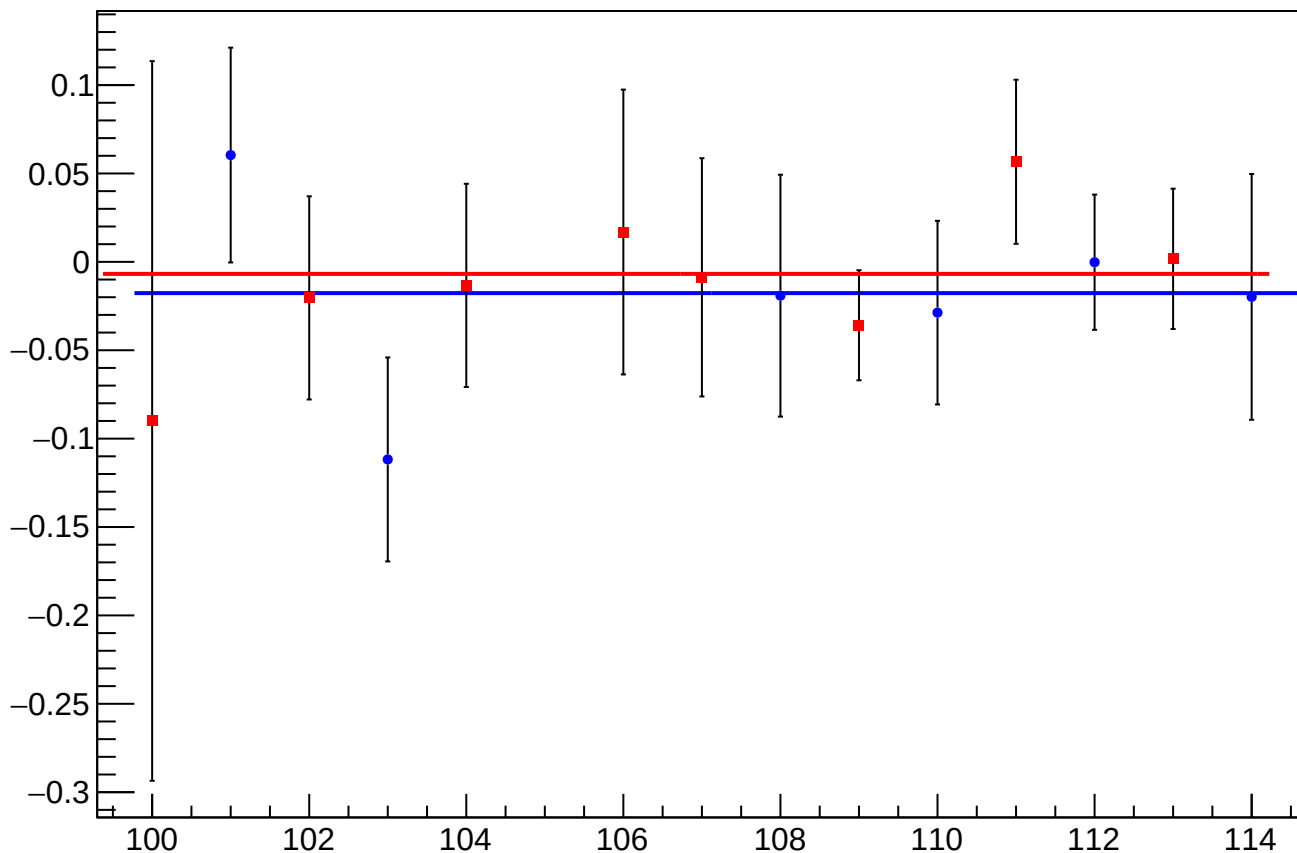
Right: 0.001+/-0.000 χ^2/NDF : 177341.8/13

In: 0.001+/-0.000 χ^2/NDF : 116012.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 177341.8/13

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

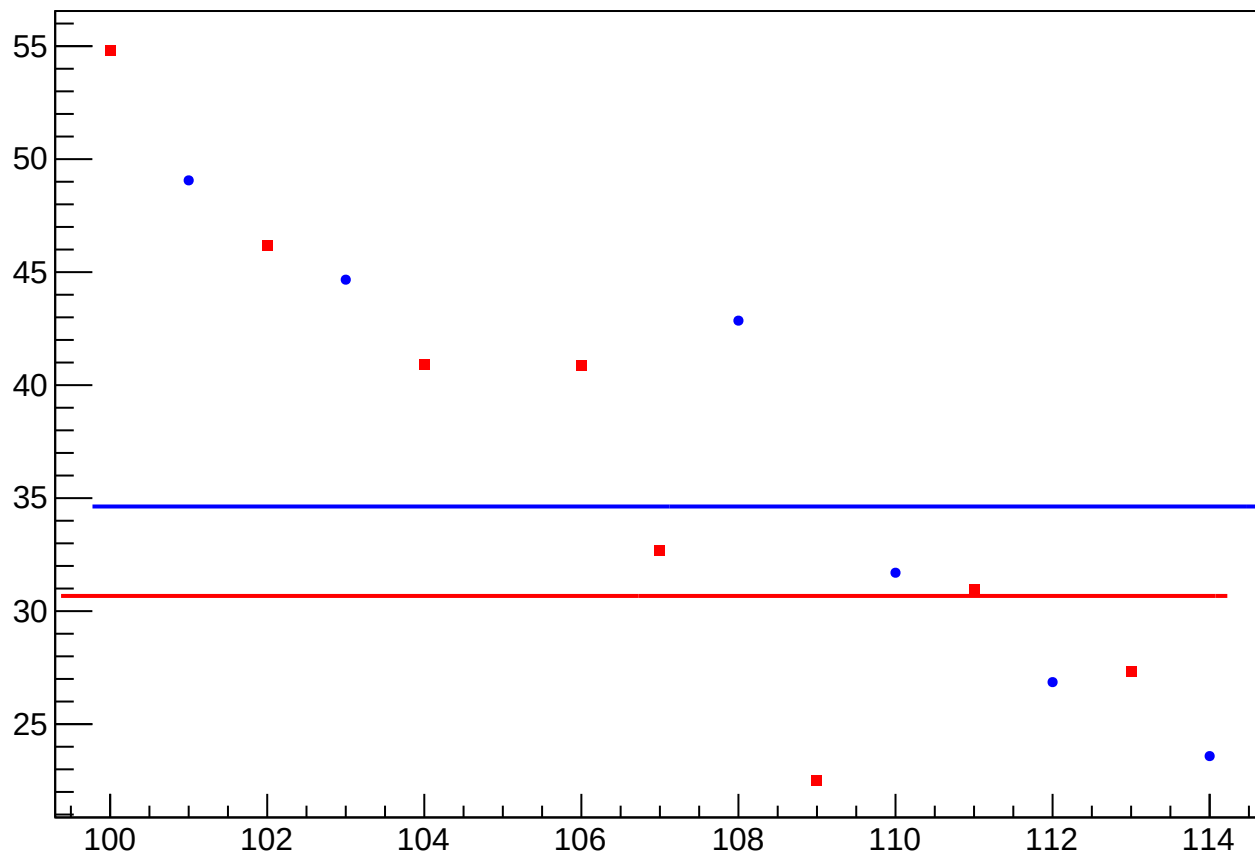
Right: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/13

In: -0.018 $\pm$ 0.022 χ^2 /NDF:4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/13

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

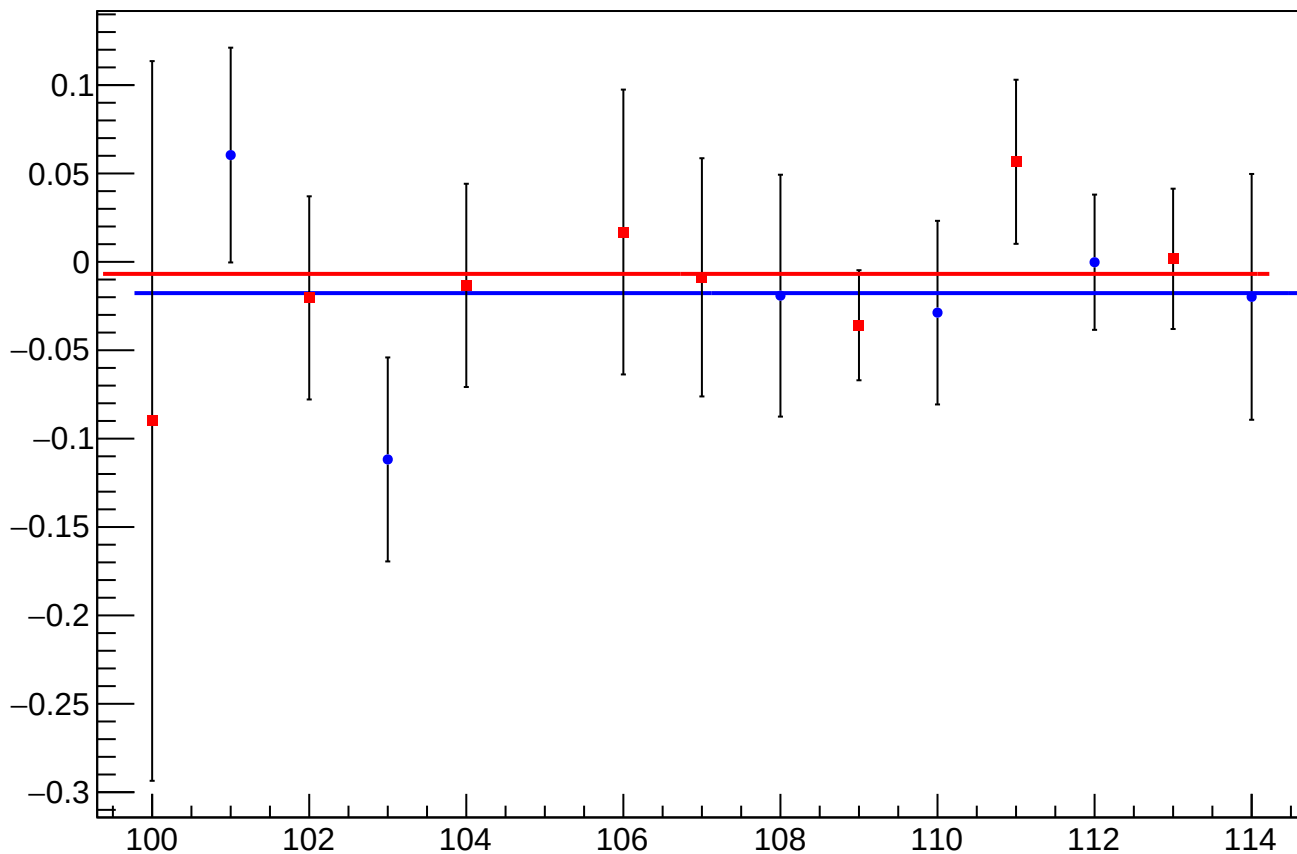
Right: 32.235 $\pm$ 0.010 χ^2 /NDF: 803565.9/13

In: 34.630 $\pm$ 0.016 χ^2 /NDF:341644.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.235 $\pm$ 0.010 χ^2 /NDF: 803565.9/13

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

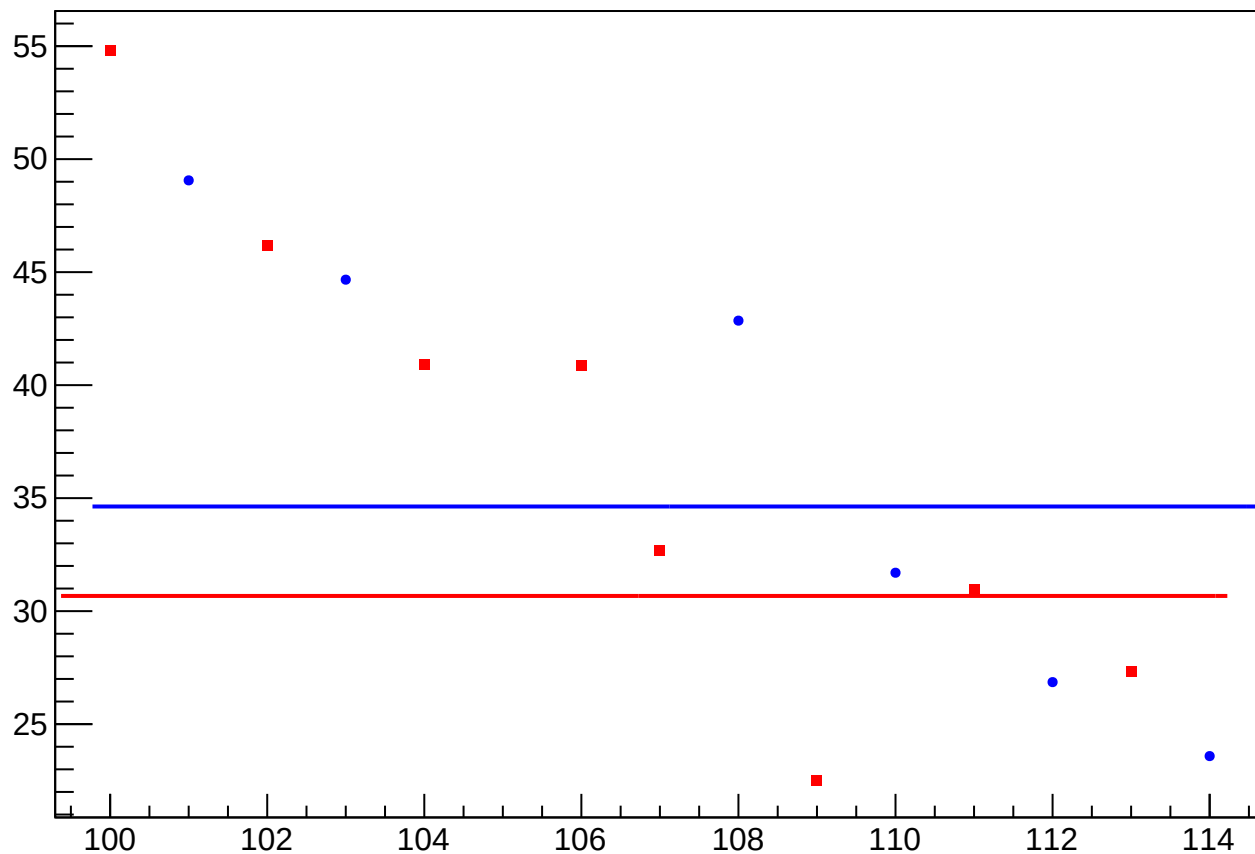
Right: -0.011+/-0.014 χ^2/NDF : 7.8/13

In: -0.018+/-0.022 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.014 χ^2/NDF : 7.8/13

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.630+/-0.016 χ^2/NDF : 341644.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.672+/-0.013 χ^2/NDF : 423137.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

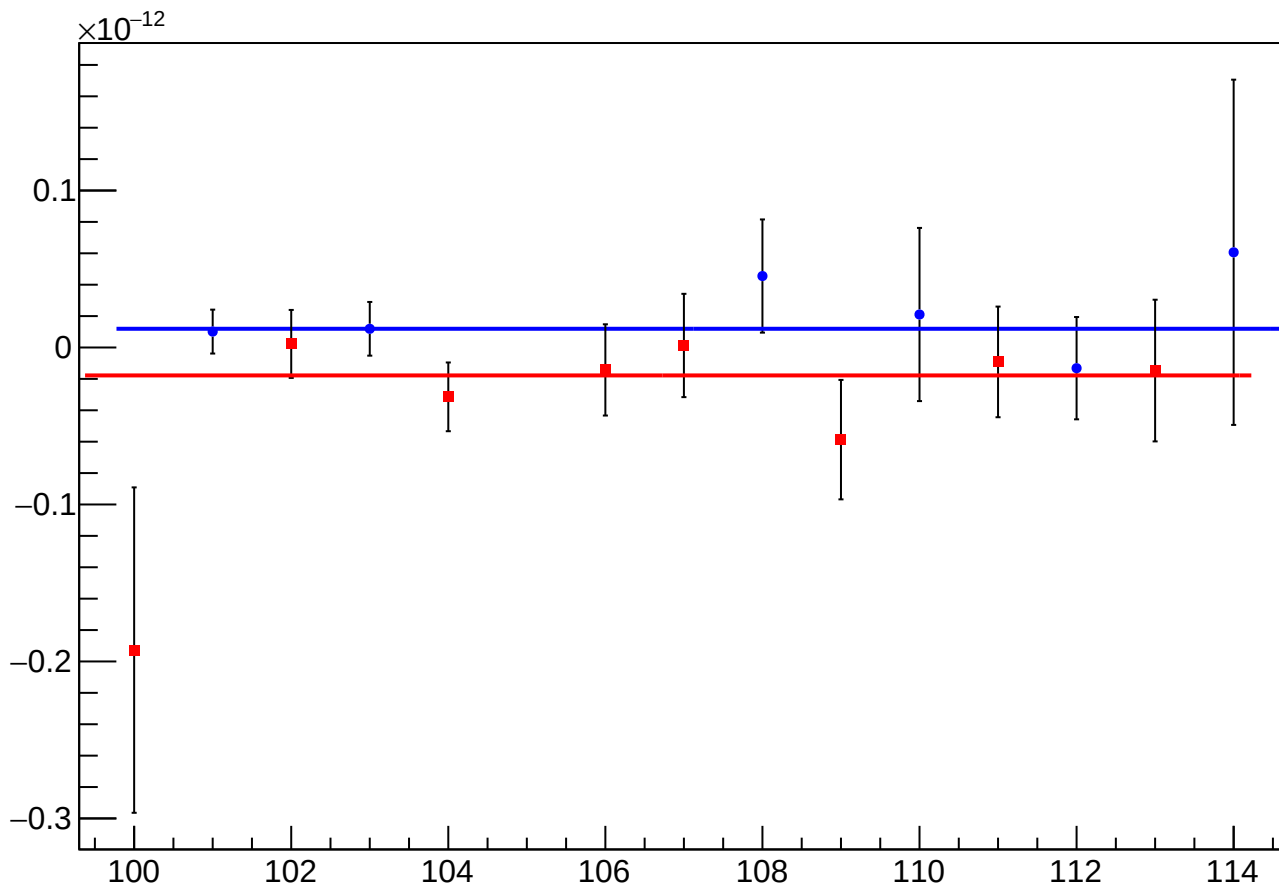
Right: 32.235+/-0.010 χ^2/NDF : 803565.9/13

In: 34.630+/-0.016 χ^2/NDF : 341644.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.235+/-0.010 χ^2/NDF : 803565.9/13

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

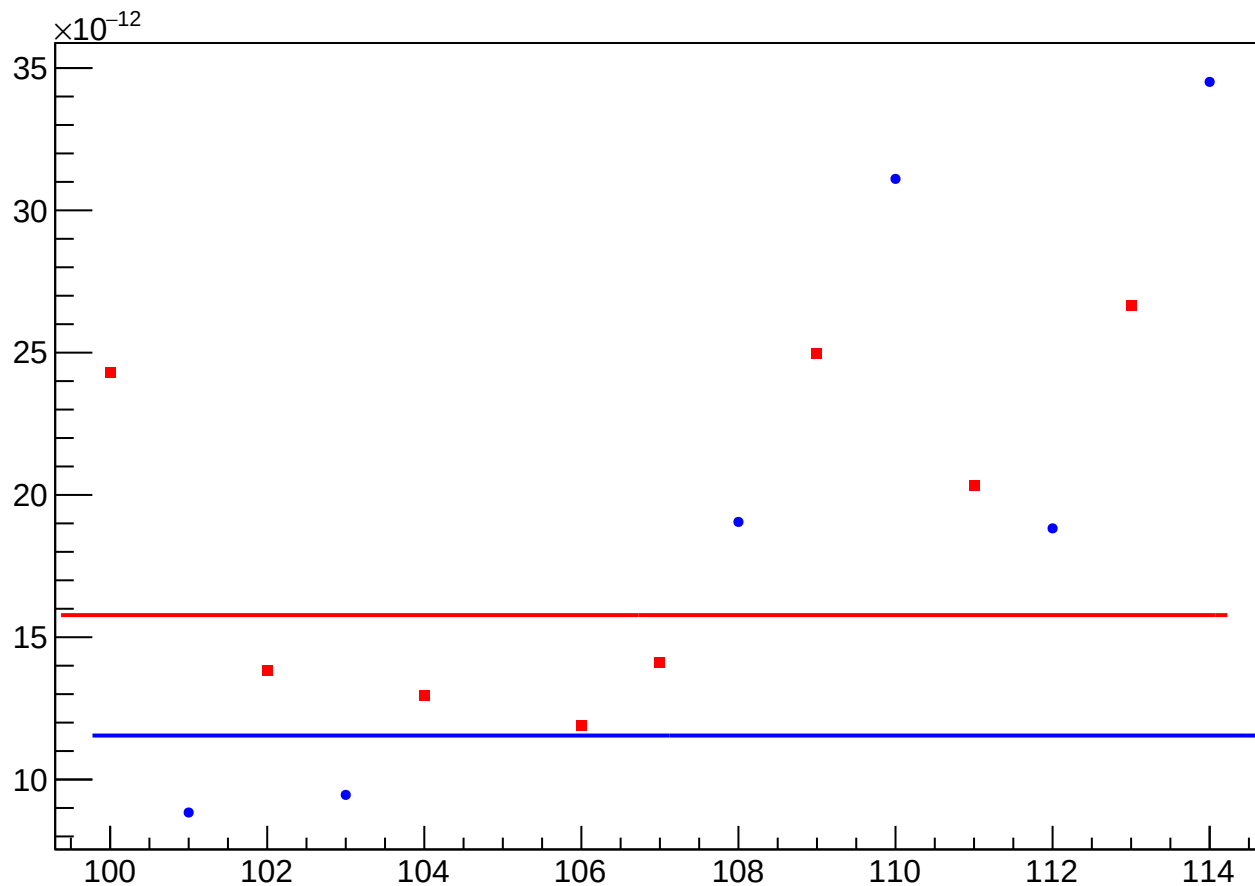
Right: -0.000+/-0.000 χ^2/NDF : 11.5/13

In: 0.000+/-0.000 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/13

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

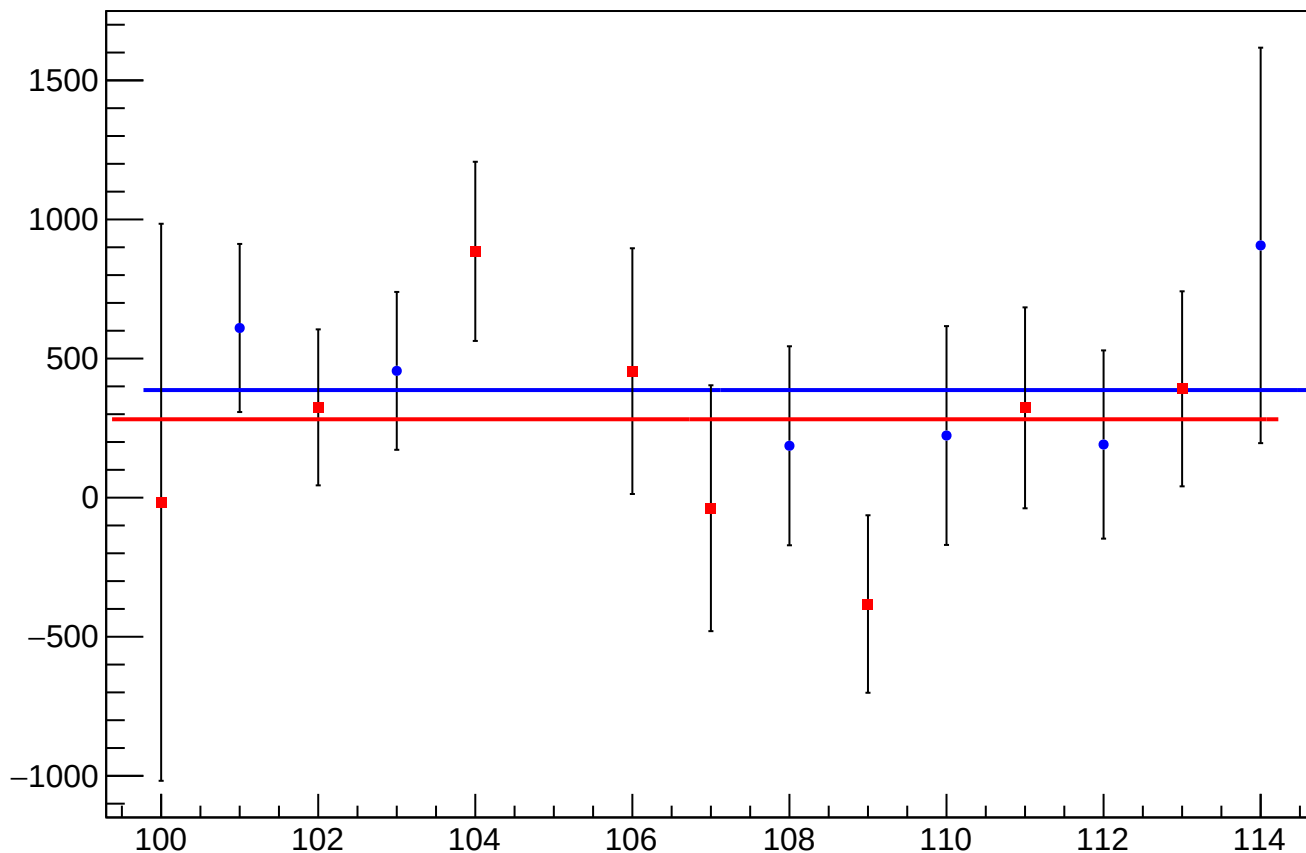
Right: 0.000+/-0.000 χ^2/NDF : 1167688.4/13

In: 0.000+/-0.000 χ^2/NDF : 629812.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1167688.4/13

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

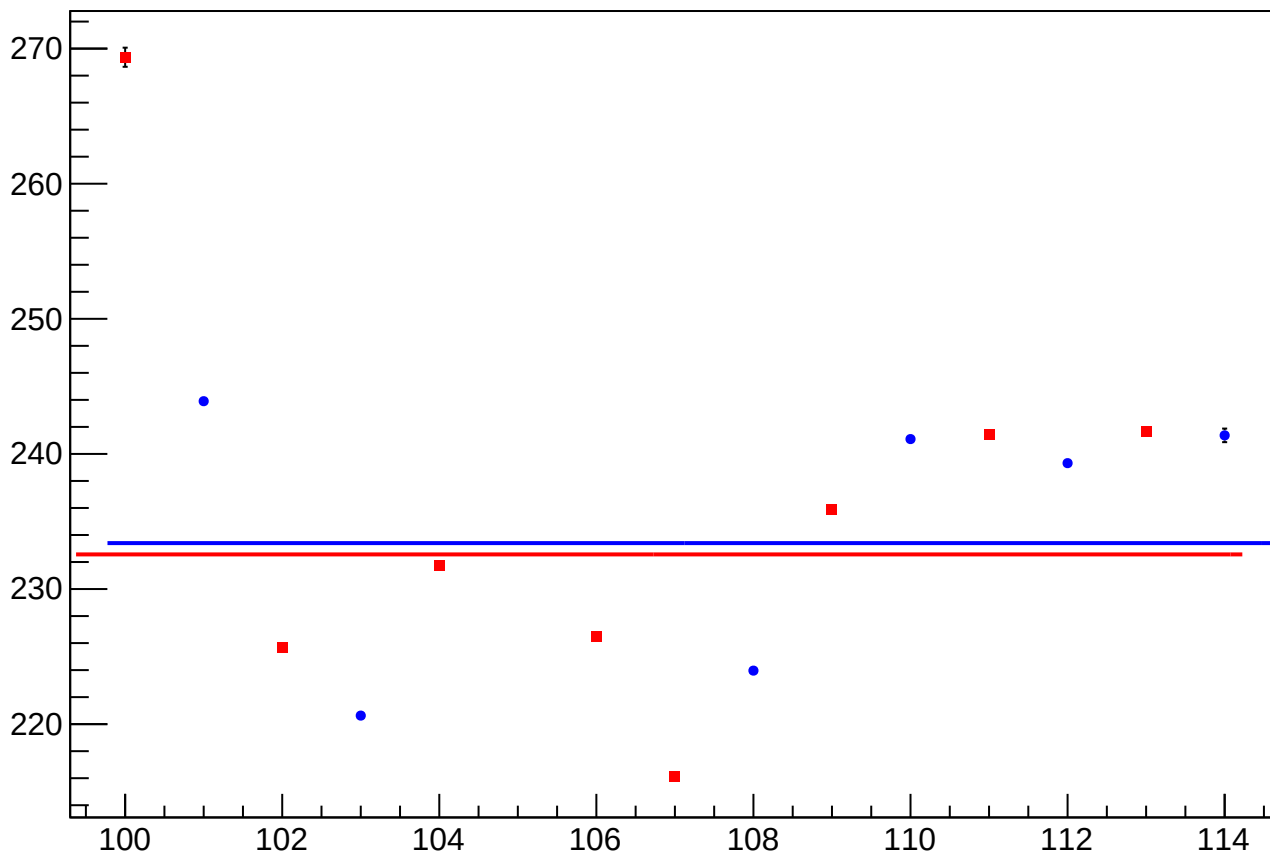
Right: 328.930 $\pm$ 96.397 χ^2 /NDF: 11.0/13

In: 386.720 $\pm$ 143.778 χ^2 /NDF:2.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.930 $\pm$ 96.397 χ^2 /NDF: 11.0/13

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

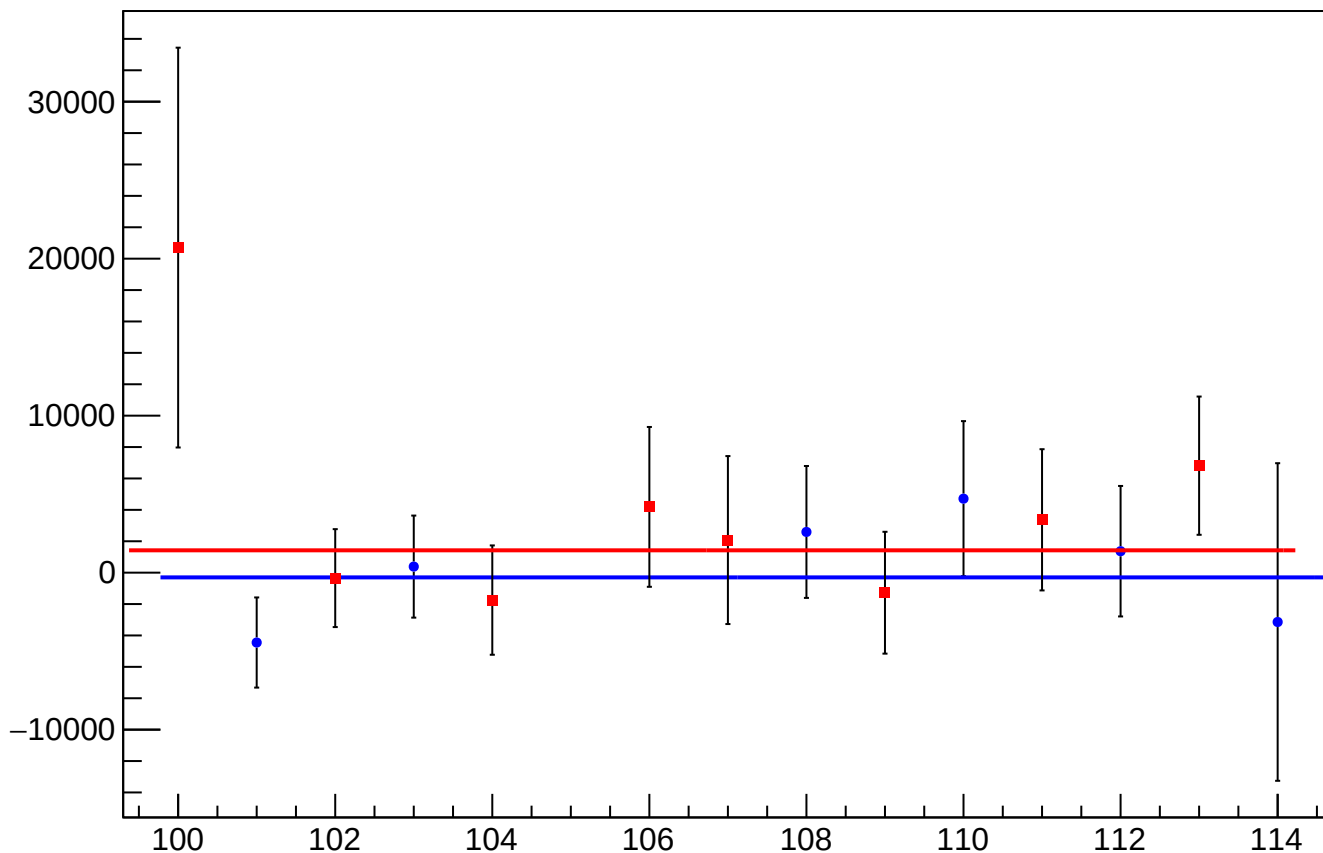
Right: 232.939 $\pm$ 0.068 χ^2 /NDF: 19371.4/13

In: 233.400 $\pm$ 0.102 χ^2 /NDF:9489.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.939 $\pm$ 0.068 χ^2 /NDF: 19371.4/13

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

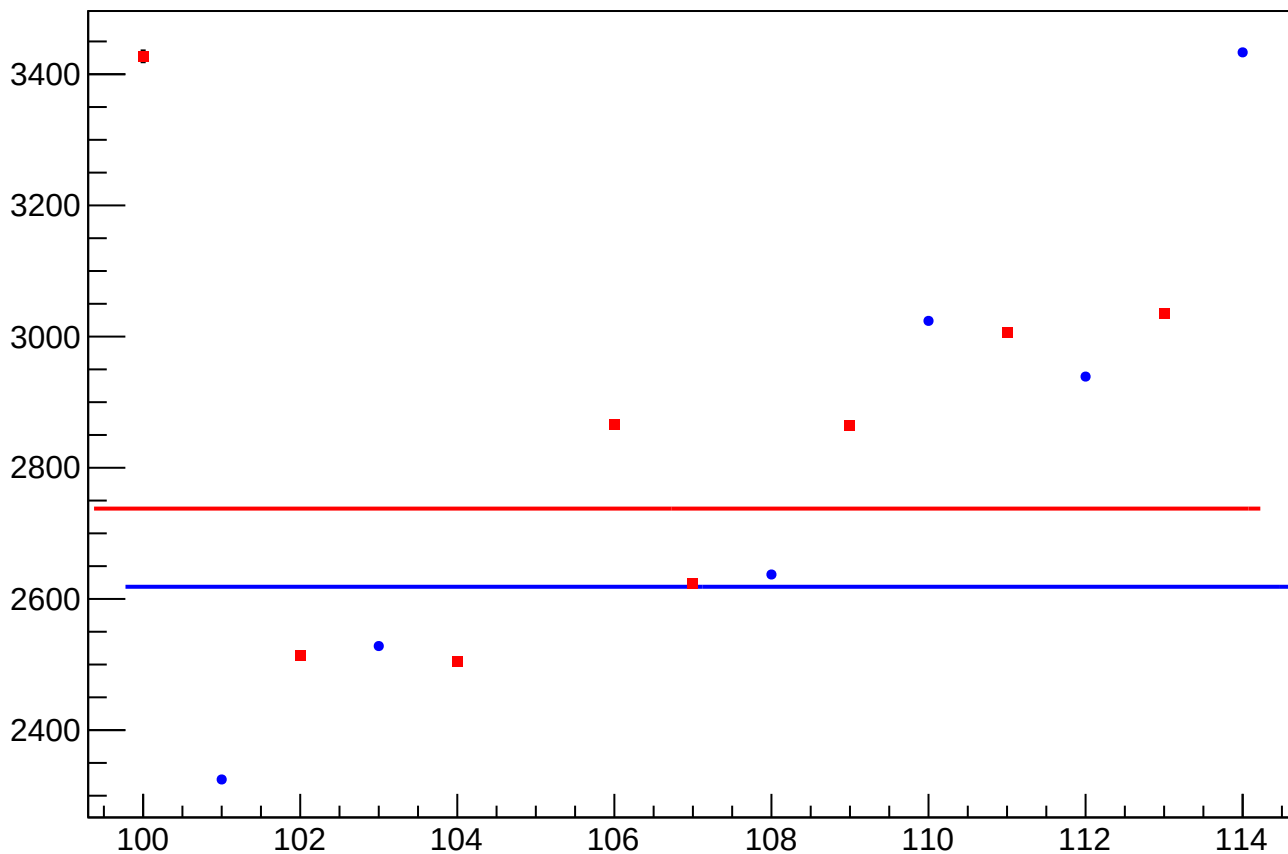
Right: 614.655+/-1108.595 χ^2/NDF : 10.4/13

In: -301.458+/-1619.512 χ^2/NDF :3.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 614.655+/-1108.595 χ^2/NDF : 10.4/13

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

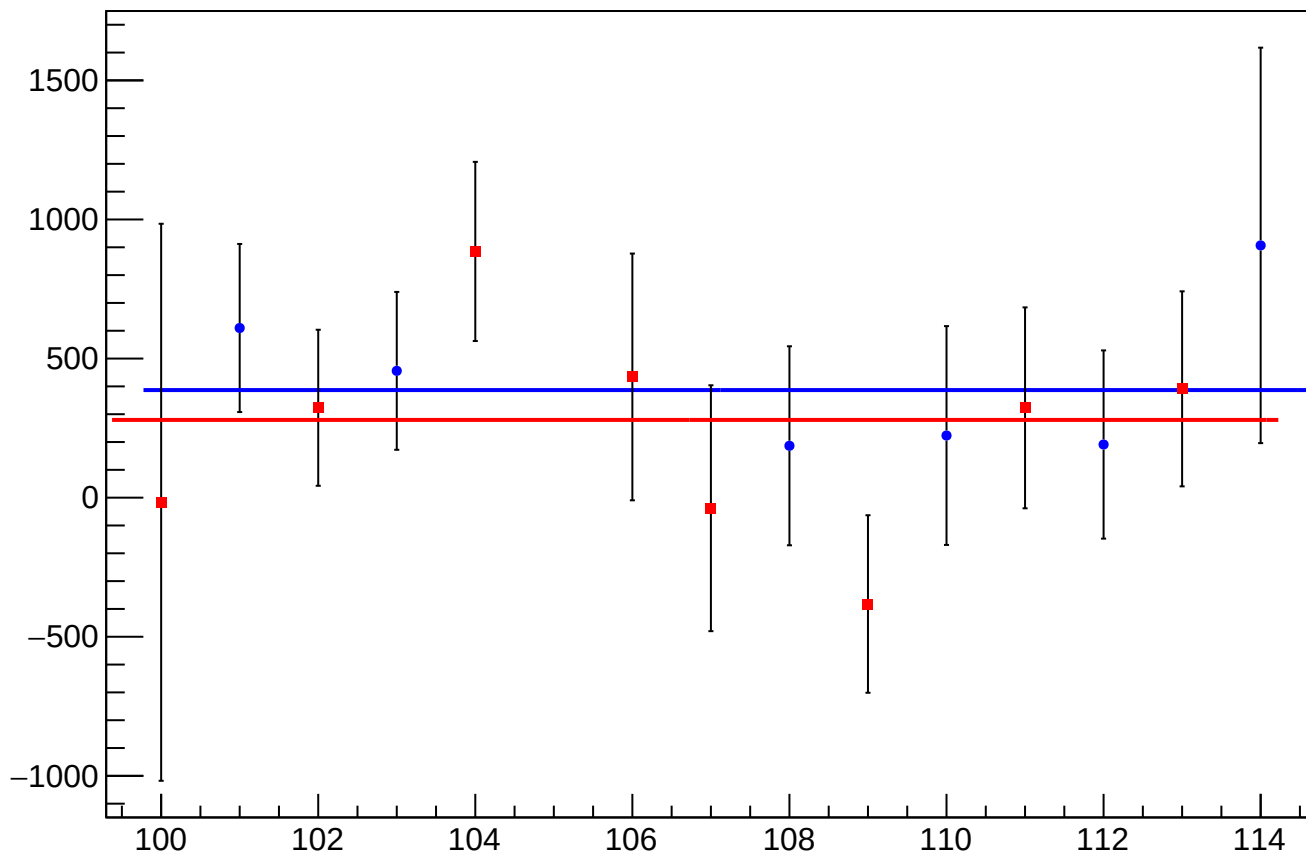
Right: 2681.907+/-0.784 χ^2/NDF : 112462.4/13

In: 2618.569+/-1.145 χ^2/NDF : 60868.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.907+/-0.784 χ^2/NDF : 112462.4/13

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

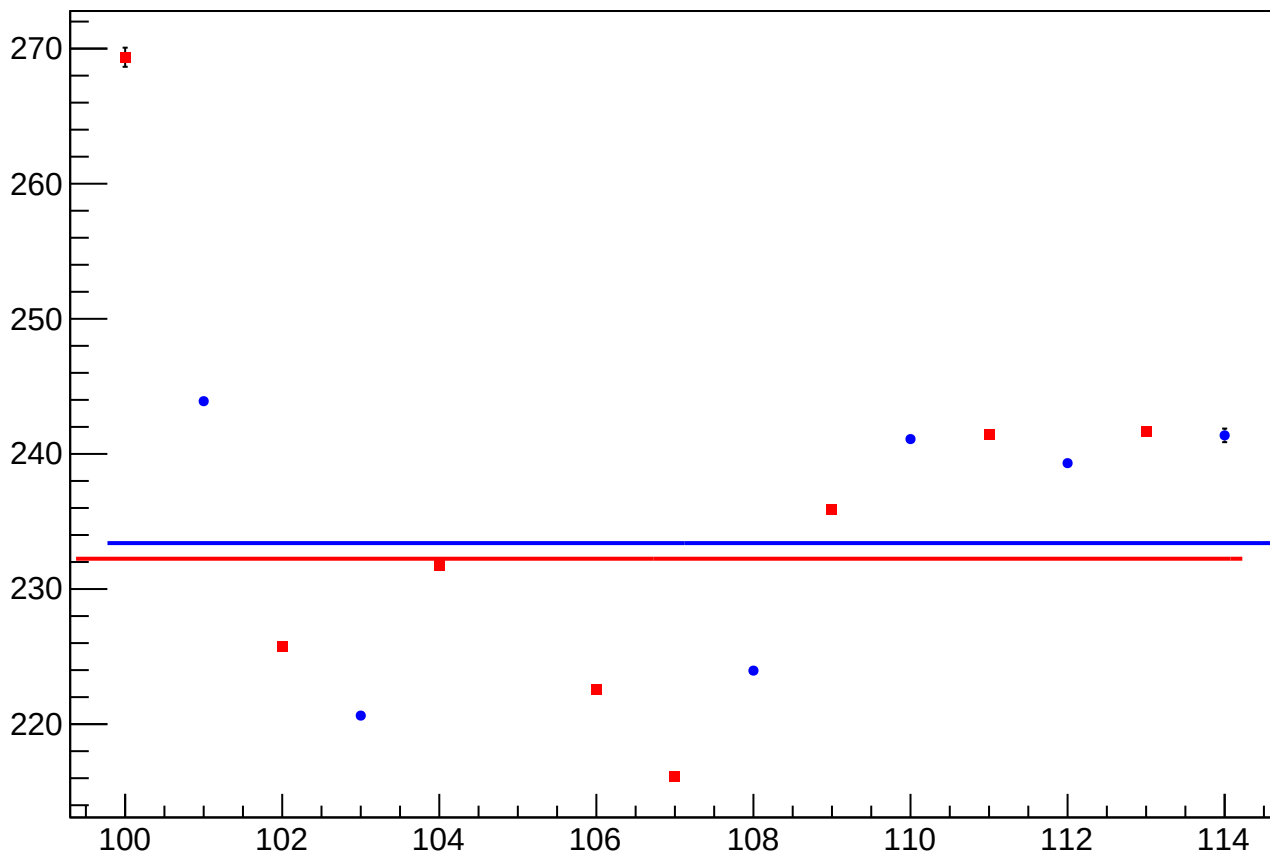
Right: 327.719 $\pm$ 96.419 χ^2 /NDF: 11.0/13

In: 386.753 $\pm$ 143.778 χ^2 /NDF: 2.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 327.719 $\pm$ 96.419 χ^2 /NDF: 11.0/13

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

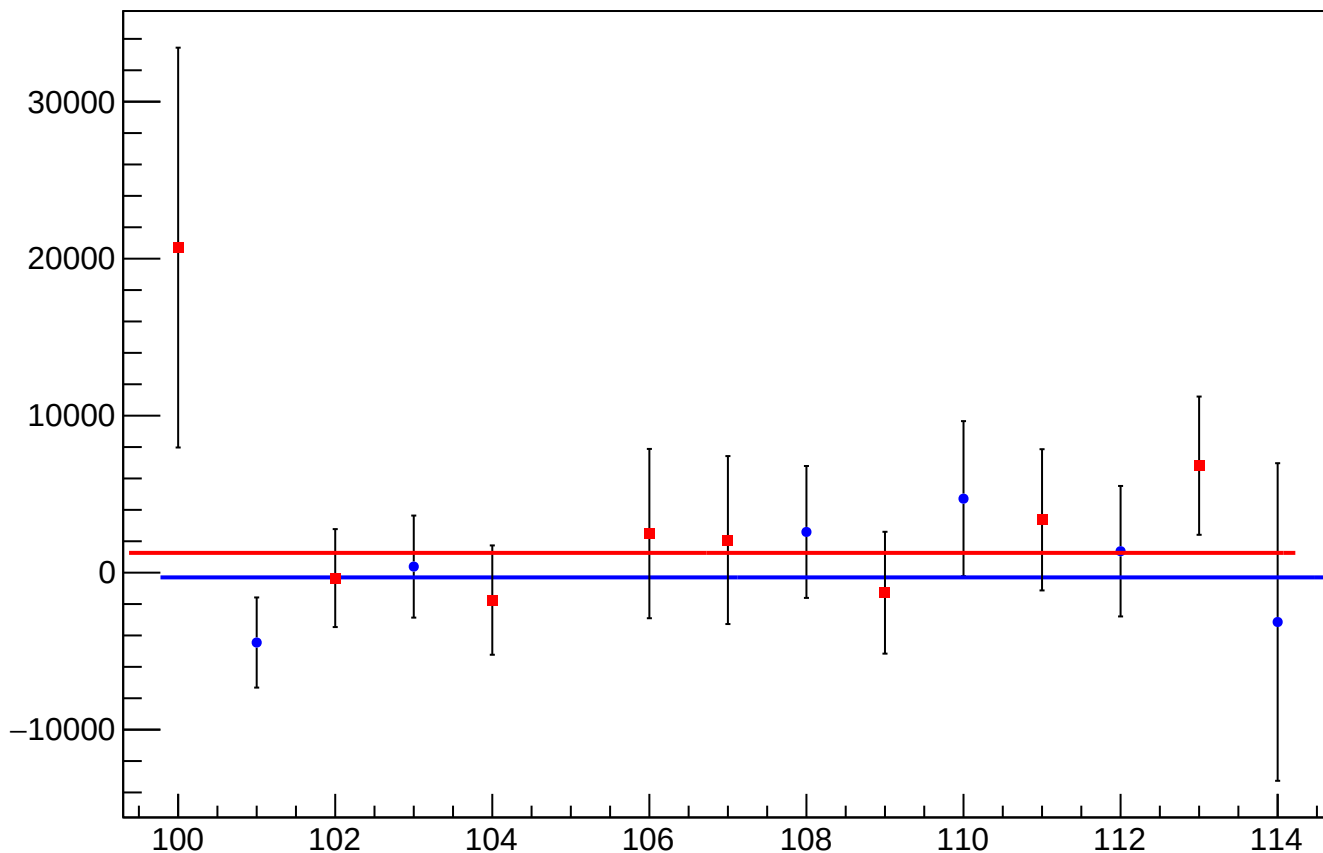
Right: 232.764 $\pm$ 0.068 χ^2 /NDF: 20011.7/13

In: 233.400 $\pm$ 0.102 χ^2 /NDF:9489.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.764 $\pm$ 0.068 χ^2 /NDF: 20011.7/13

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

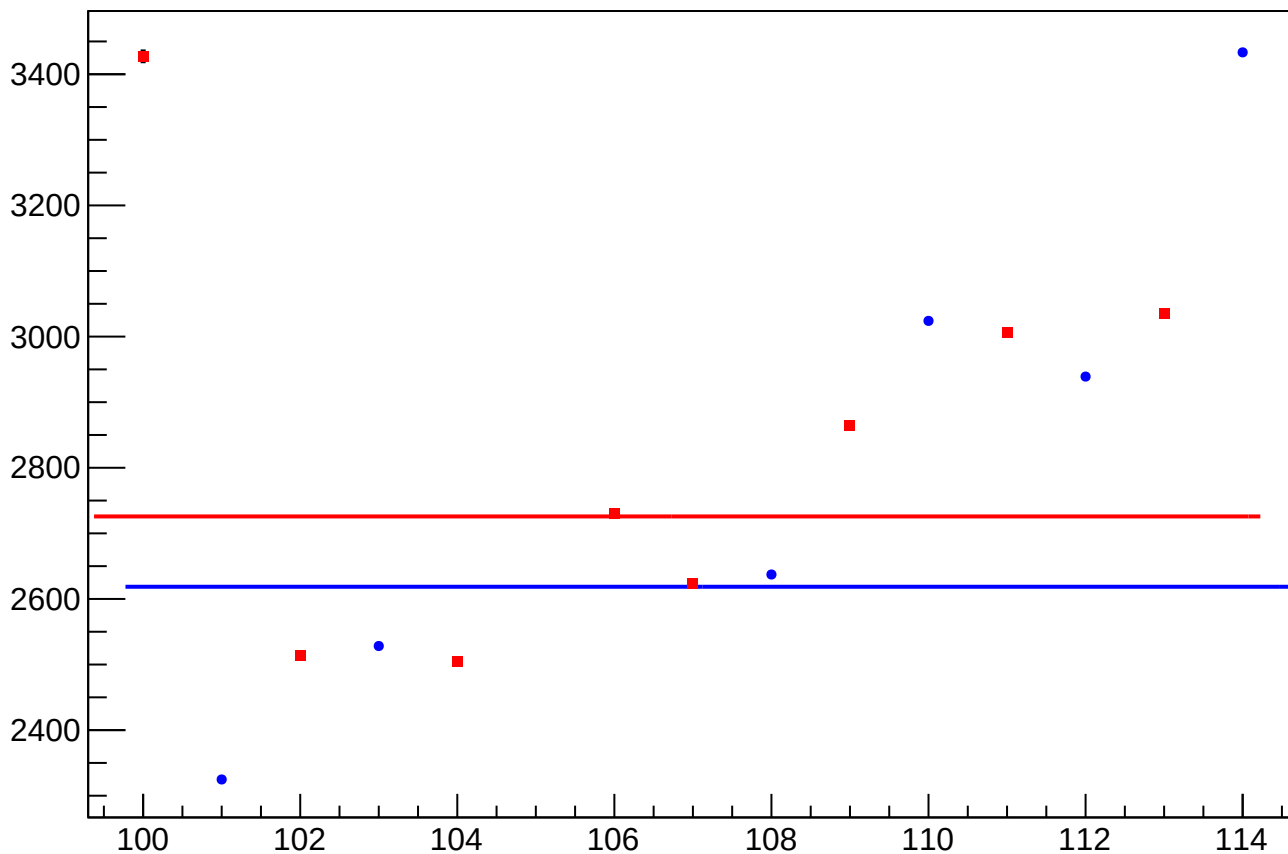
Right: 524.389+/-1111.518 χ^2/NDF : 10.0/13

In: -301.272+/-1619.522 χ^2/NDF :3.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.389+/-1111.518 χ^2/NDF : 10.0/13

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

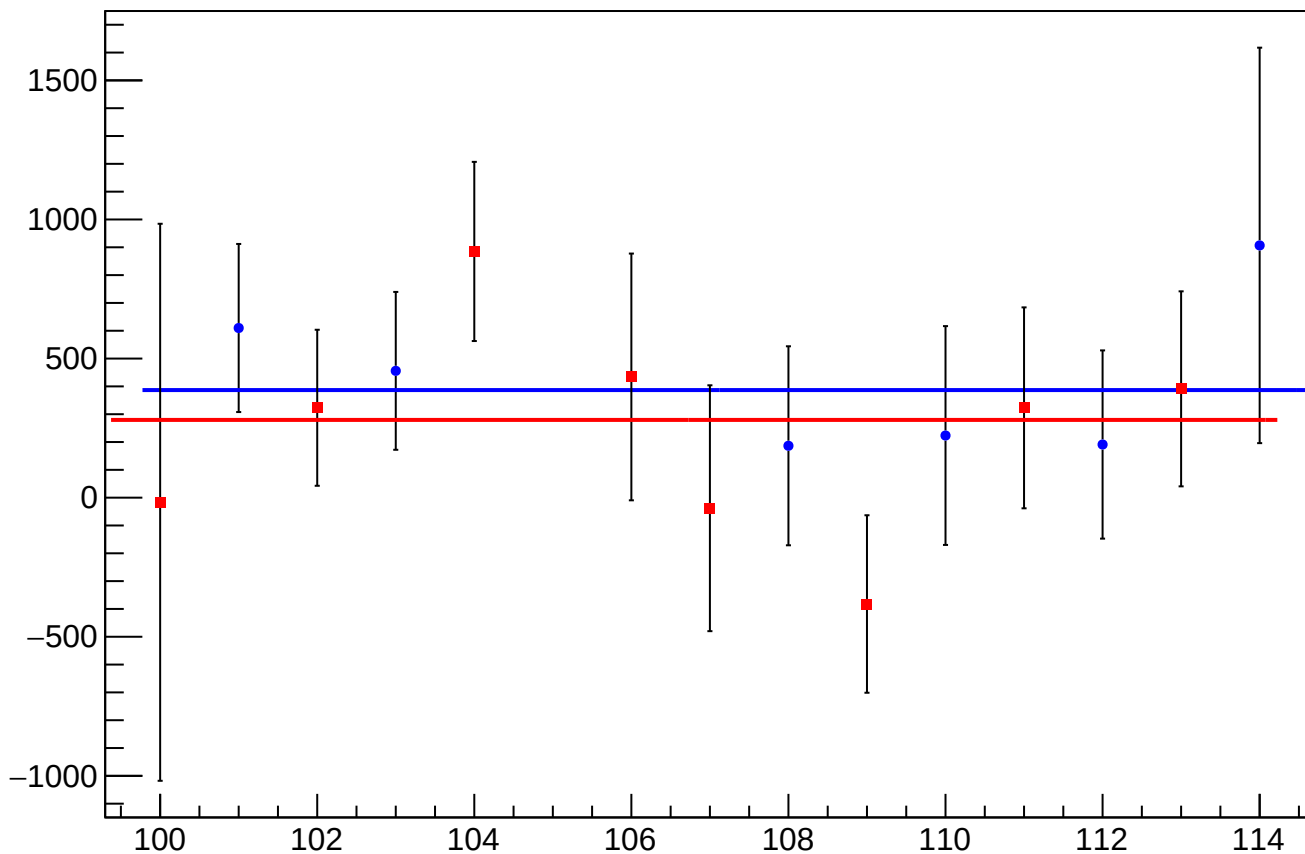
Right: 2675.298+/-0.786 χ^2/NDF : 109844.0/13

In: 2618.586+/-1.145 χ^2/NDF : 60866.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.298+/-0.786 χ^2/NDF : 109844.0/13

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 386.753+/-143.778 χ^2/NDF : 2.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.473+/-129.977 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

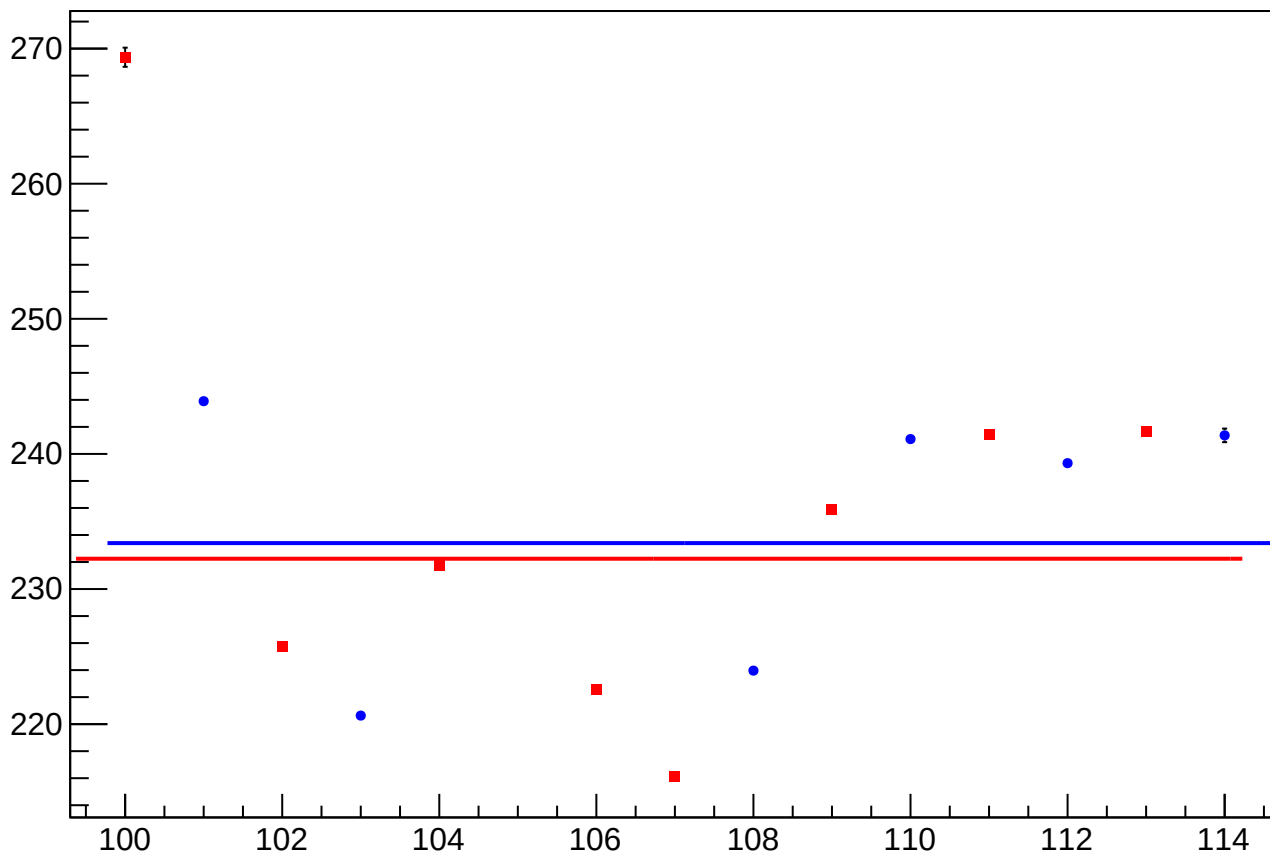
Right: 327.719+/-96.419 χ^2/NDF : 11.0/13

In: 386.753+/-143.778 χ^2/NDF : 2.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.719+/-96.419 χ^2/NDF : 11.0/13

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

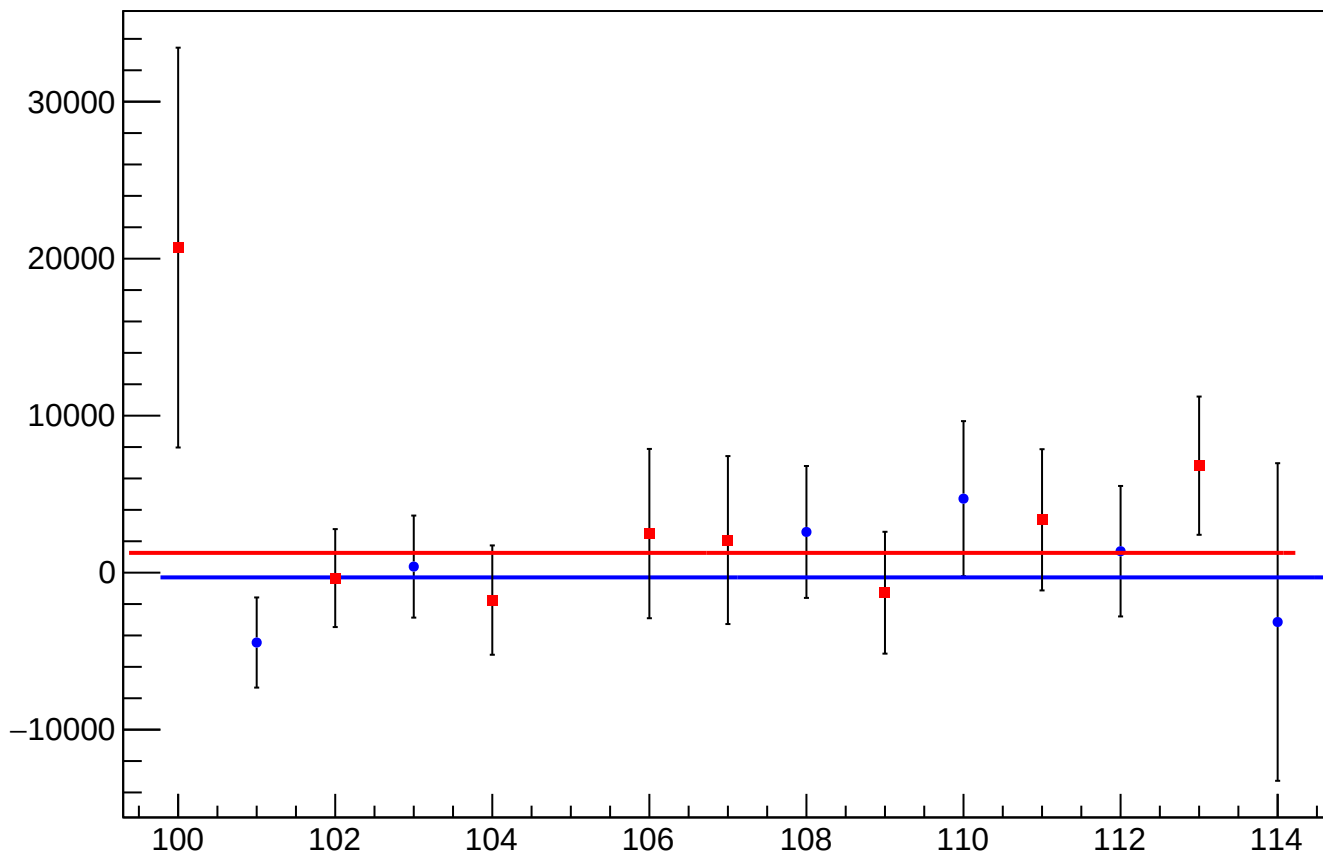
Right: 232.764 $\pm$ 0.068 χ^2 /NDF: 20011.7/13

In: 233.400 $\pm$ 0.102 χ^2 /NDF:9489.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.764 $\pm$ 0.068 χ^2 /NDF: 20011.7/13

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

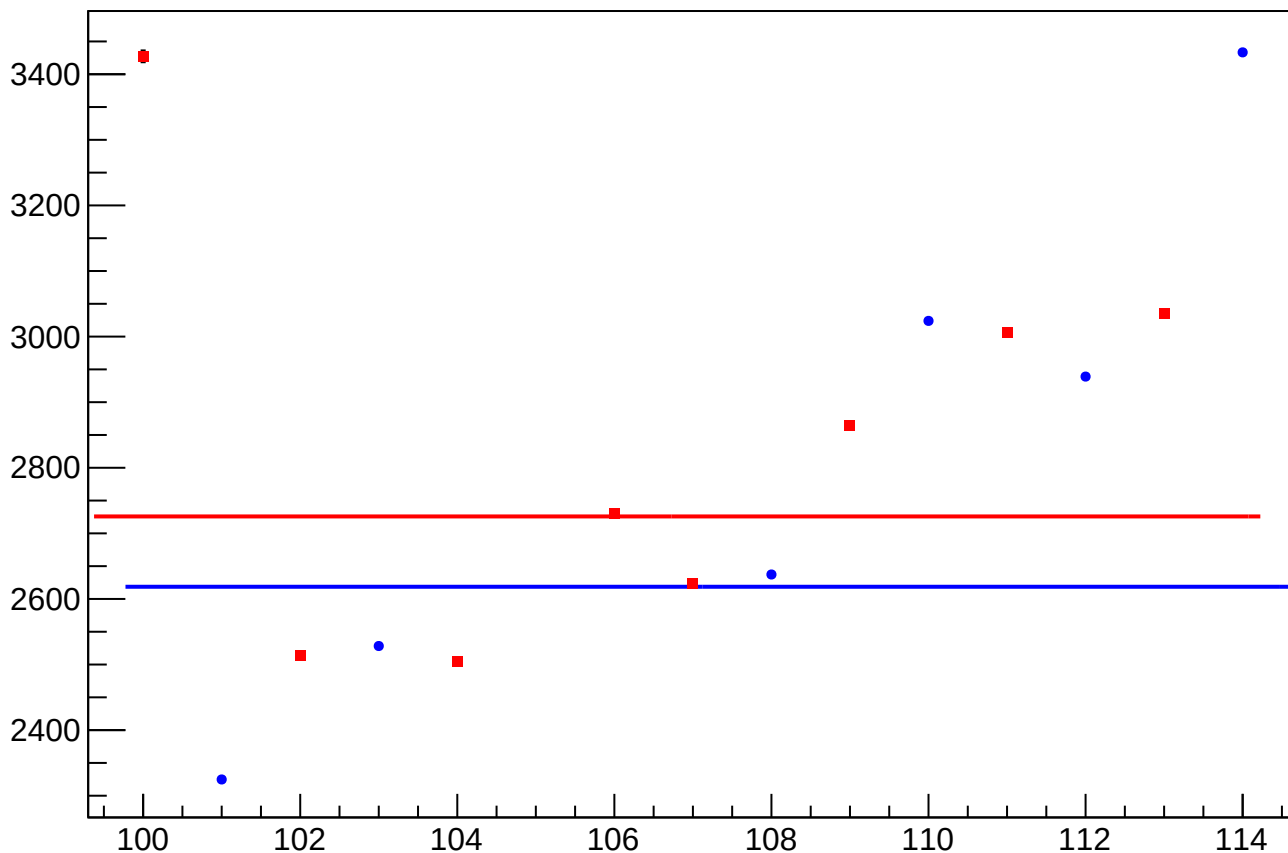
Right: 524.389+/-1111.518 χ^2/NDF : 10.0/13

In: -301.272+/-1619.522 χ^2/NDF :3.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.389+/-1111.518 χ^2/NDF : 10.0/13

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

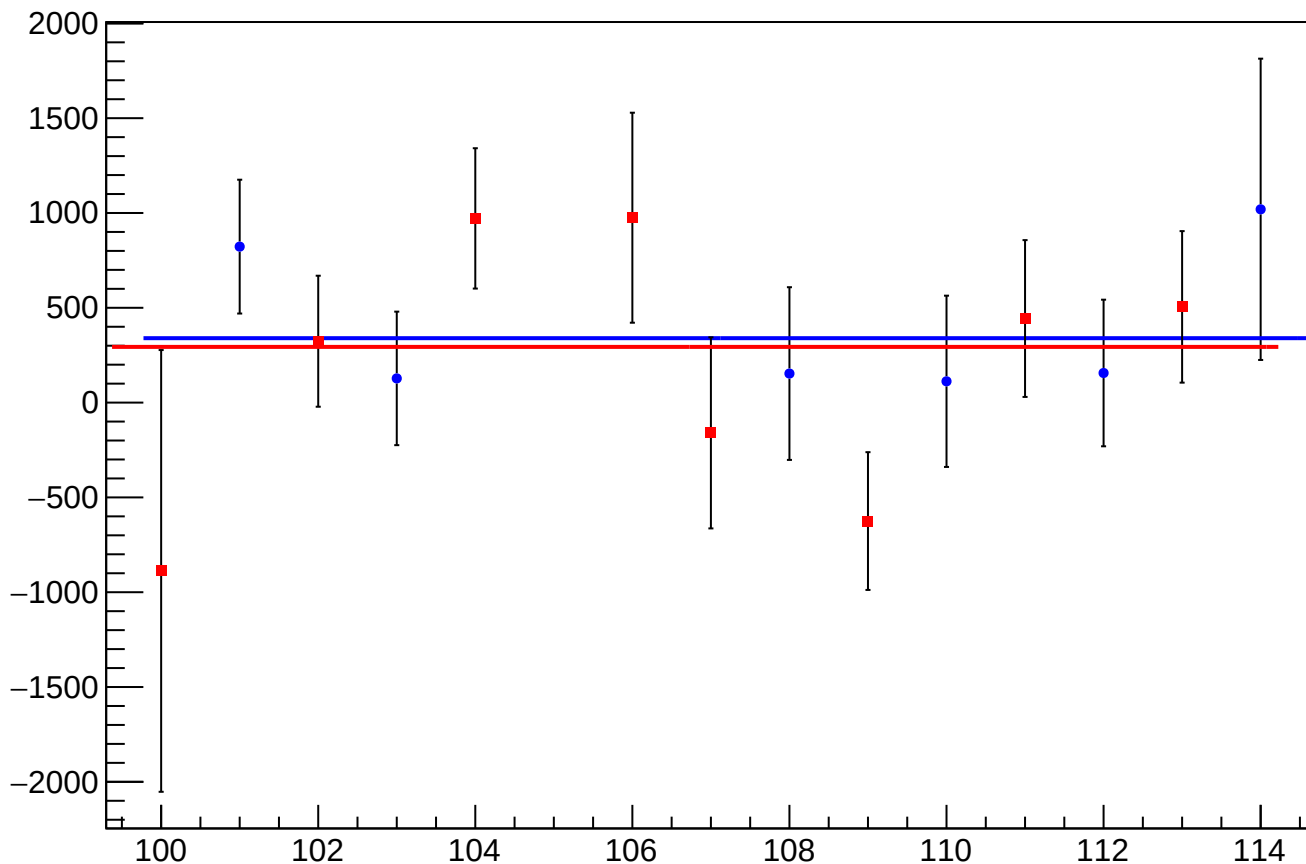
Right: 2675.298+/-0.786 χ^2/NDF : 109844.0/13

In: 2618.586+/-1.145 χ^2/NDF : 60866.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.298+/-0.786 χ^2/NDF : 109844.0/13

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

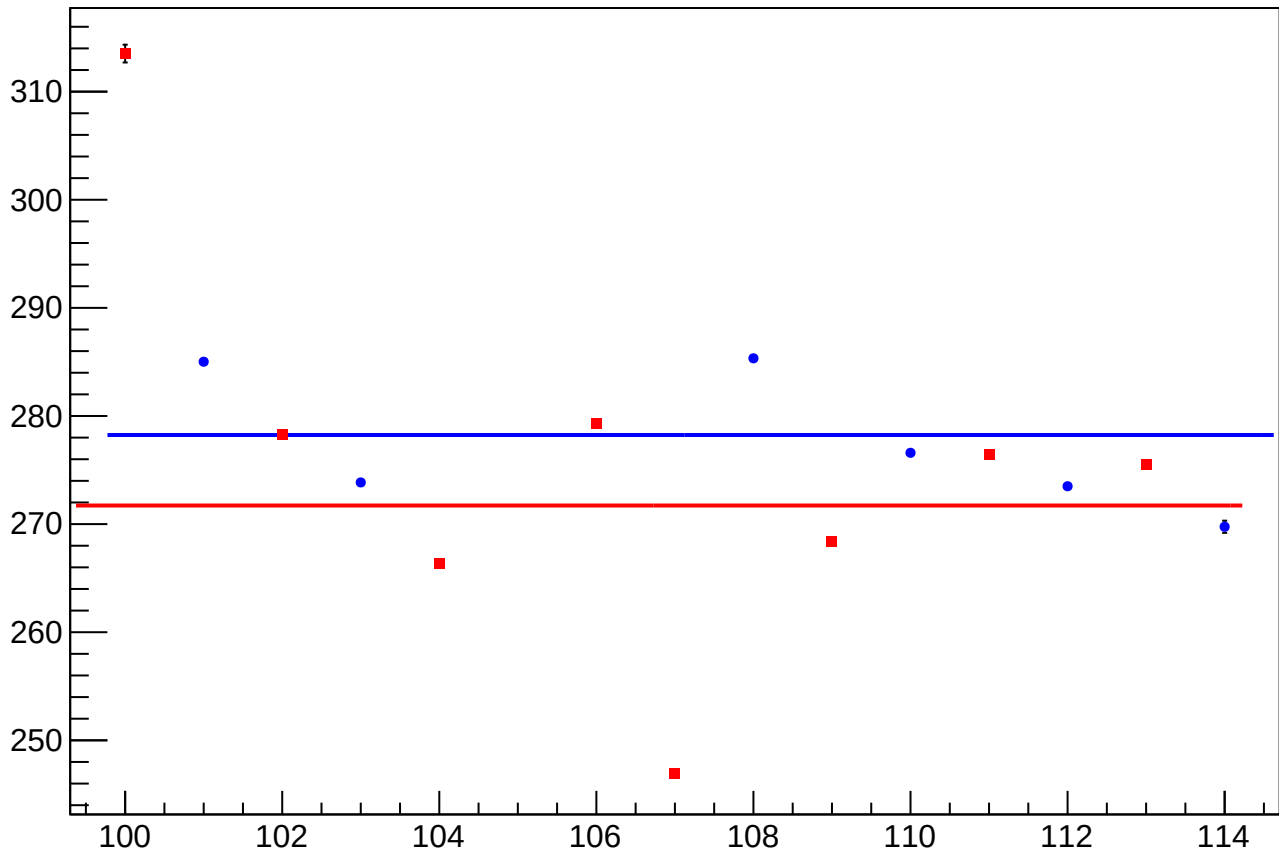
Right: 314.026 $\pm$ 113.664 χ^2 /NDF: 17.2/13

In: 339.752 $\pm$ 171.256 χ^2 /NDF:3.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 314.026 $\pm$ 113.664 χ^2 /NDF: 17.2/13

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

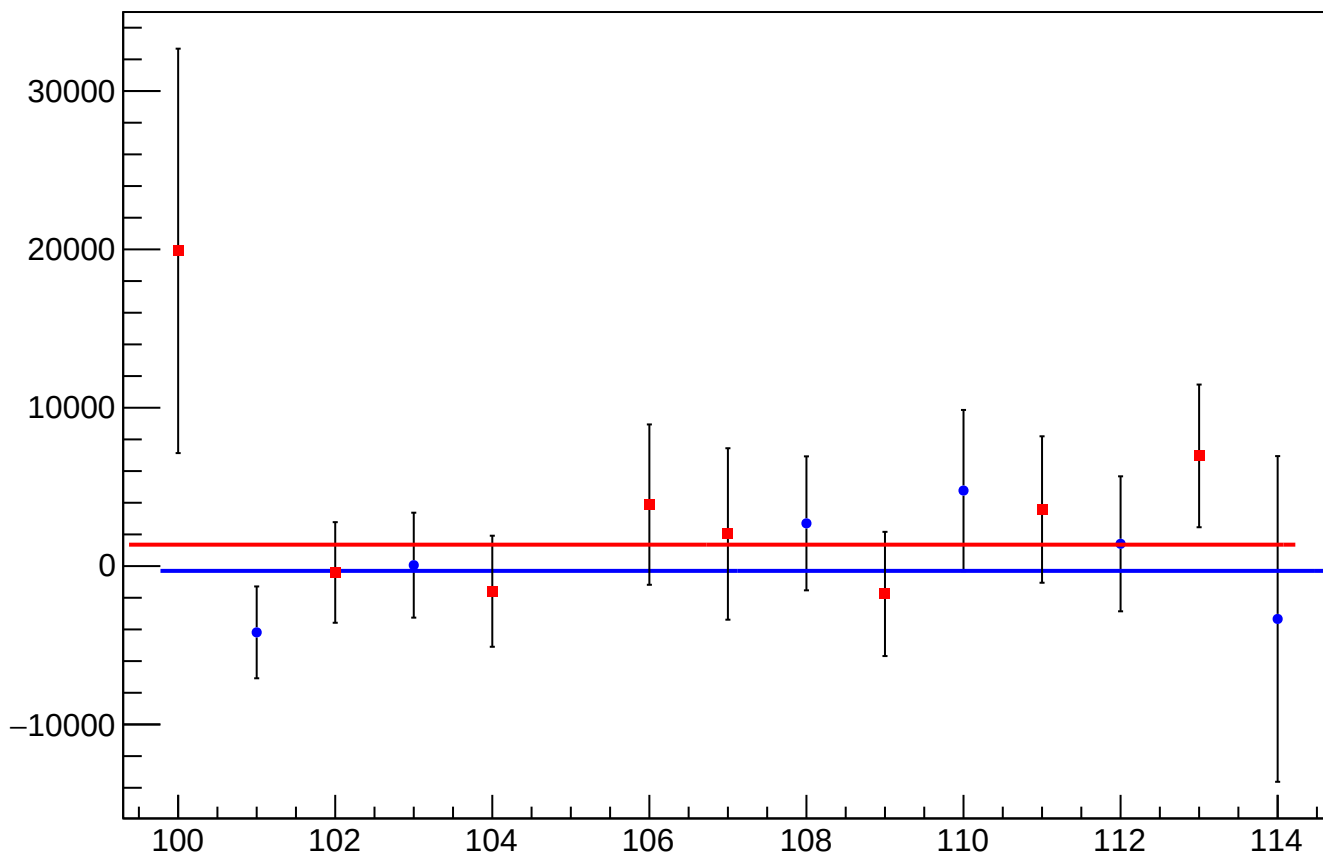
Right: 274.592 $\pm$ 0.080 χ^2 /NDF: 13279.5/13

In: 278.242 $\pm$ 0.121 χ^2 /NDF:2089.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 274.592 $\pm$ 0.080 χ^2 /NDF: 13279.5/13

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

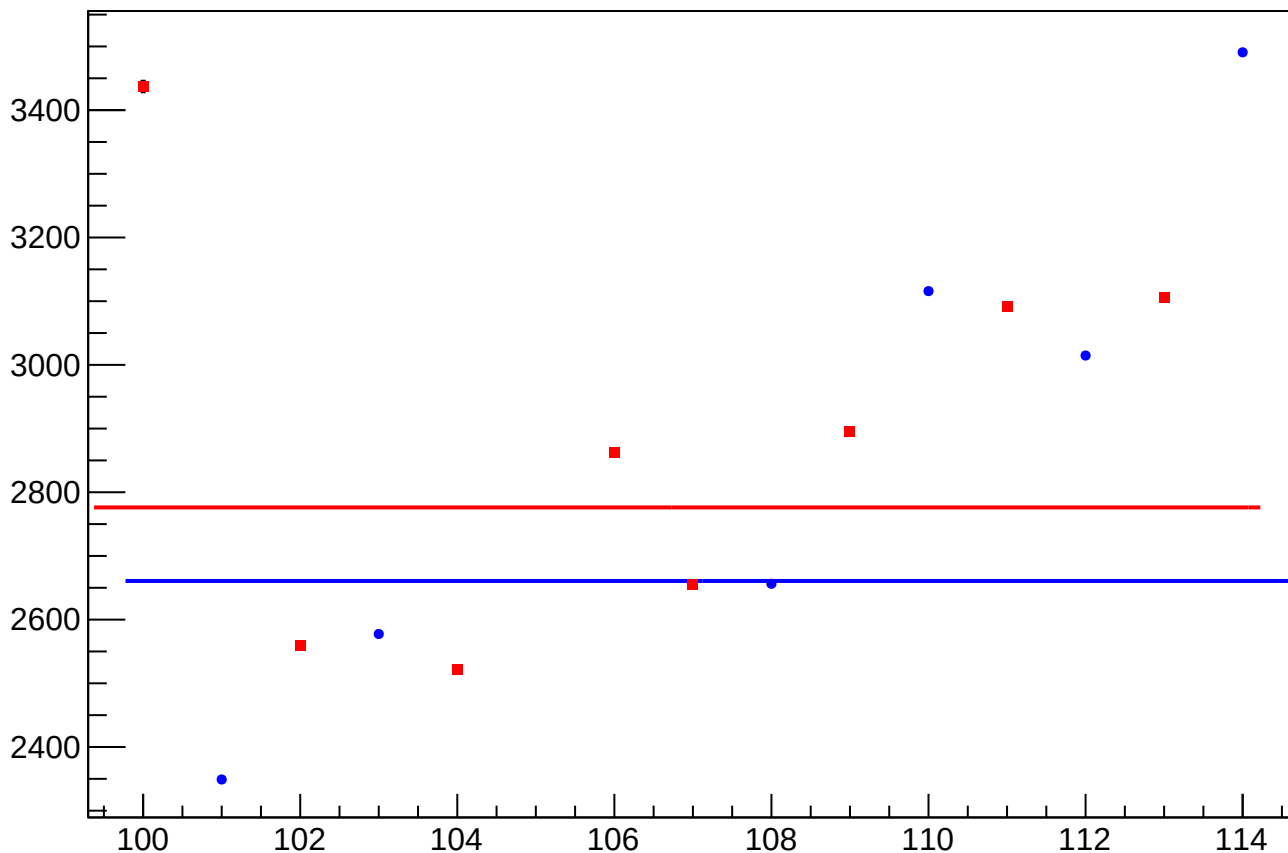
Right: 579.690+/-1125.324 χ^2/NDF : 9.9/13

In: -302.159+/-1646.310 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.690+/-1125.324 χ^2/NDF : 9.9/13

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2660.699+/-1.164 χ^2/NDF : 67190.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2776.164+/-1.090 χ^2/NDF : 48499.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

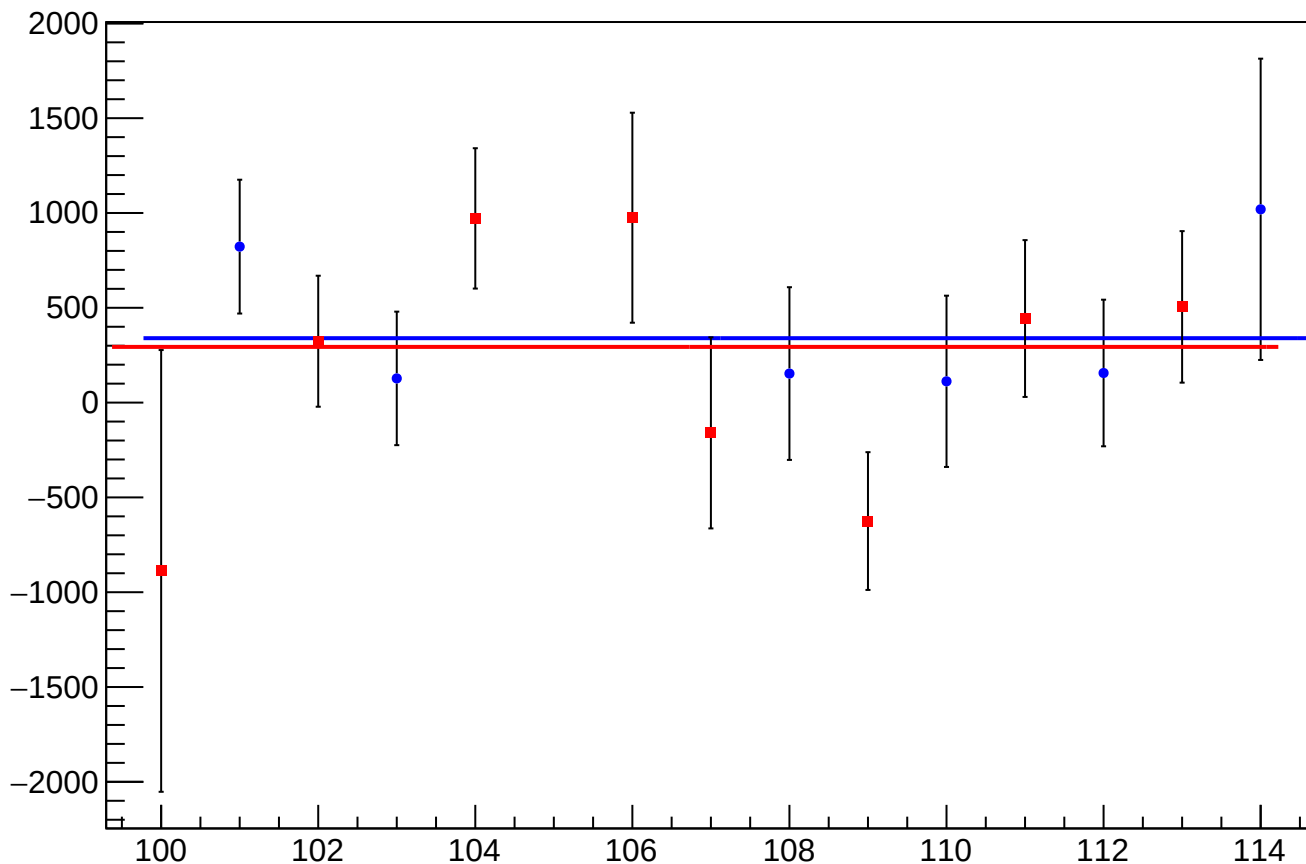
Right: 2722.215+/-0.796 χ^2/NDF : 120931.8/13

In: 2660.699+/-1.164 χ^2/NDF : 67190.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2722.215+/-0.796 χ^2/NDF : 120931.8/13

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 339.743+/-171.254 χ^2/NDF : 3.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.764+/-151.958 χ^2/NDF : 13.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

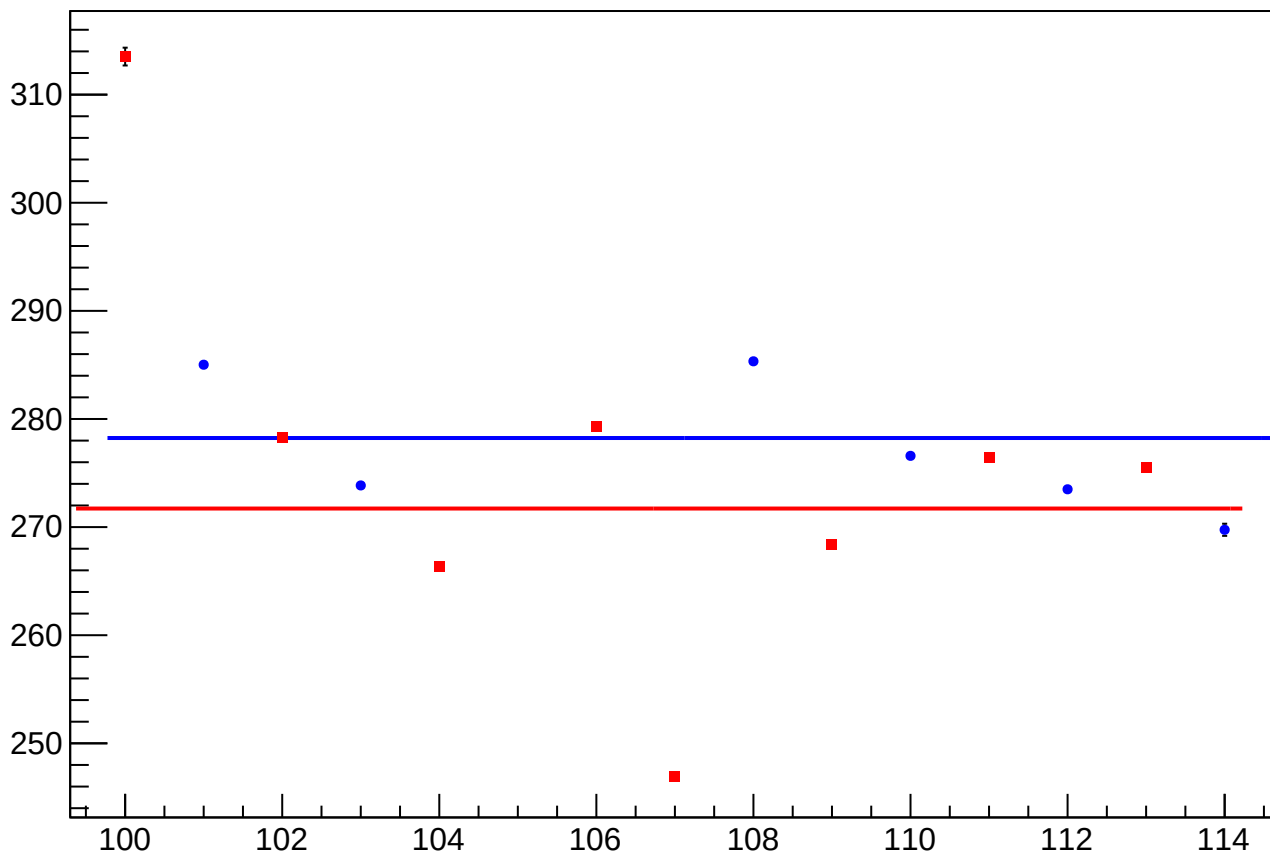
Right: 314.018+/-113.663 χ^2/NDF : 17.2/13

In: 339.743+/-171.254 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.018+/-113.663 χ^2/NDF : 17.2/13

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

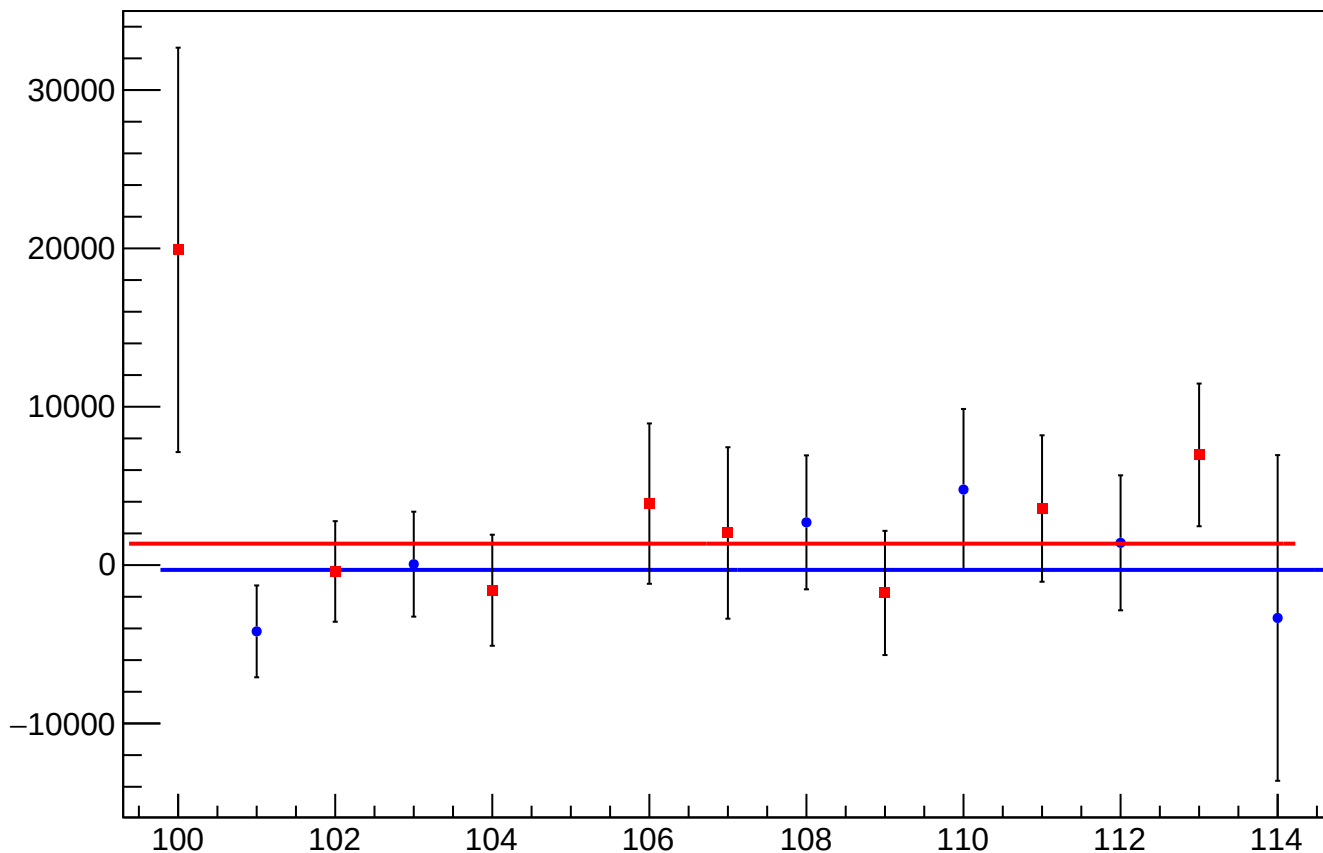
Right: 274.590 $\pm$ 0.080 χ^2 /NDF: 13279.4/13

In: 278.240 $\pm$ 0.121 χ^2 /NDF:2090.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 274.590 $\pm$ 0.080 χ^2 /NDF: 13279.4/13

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

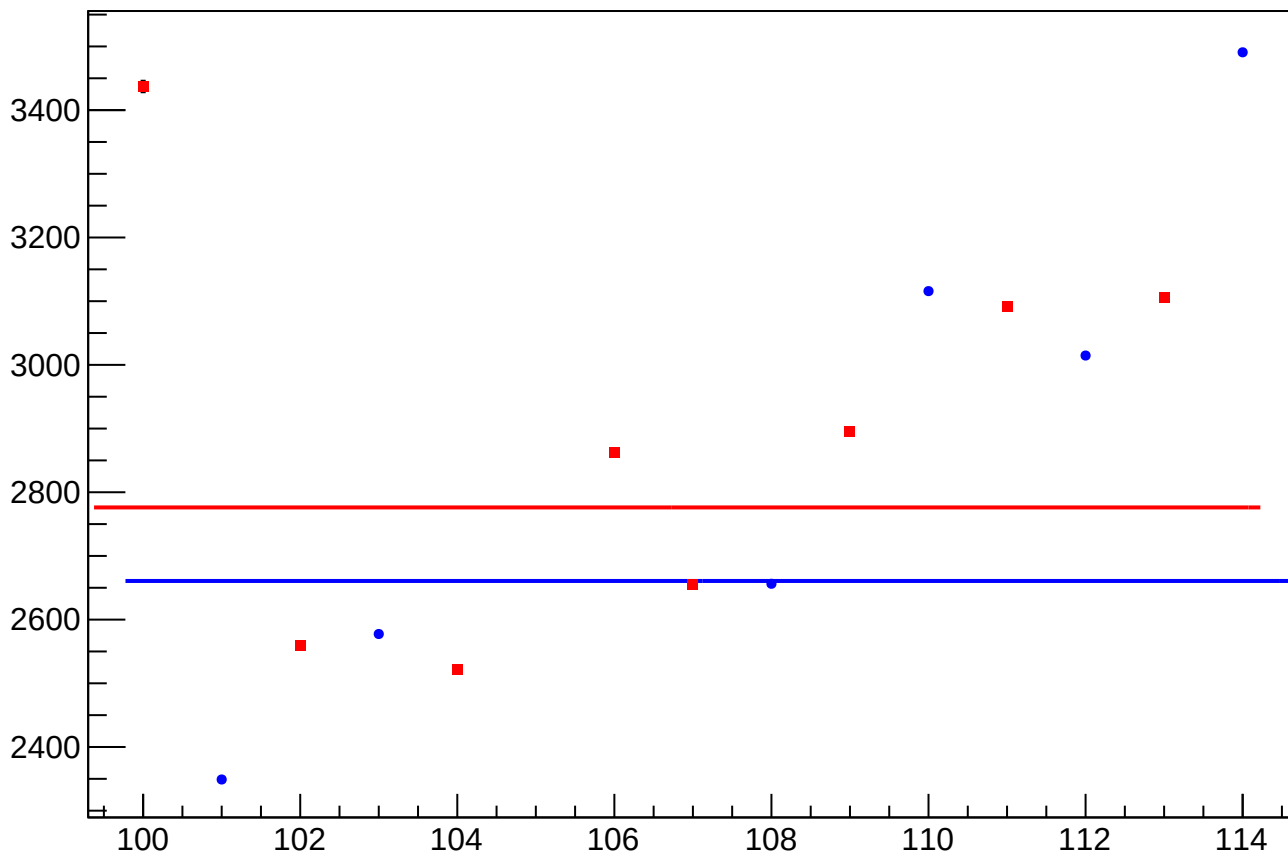
Right: 579.688+/-1125.321 χ^2/NDF : 9.9/13

In: -302.160+/-1646.306 χ^2/NDF : 3.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.688+/-1125.321 χ^2/NDF : 9.9/13

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

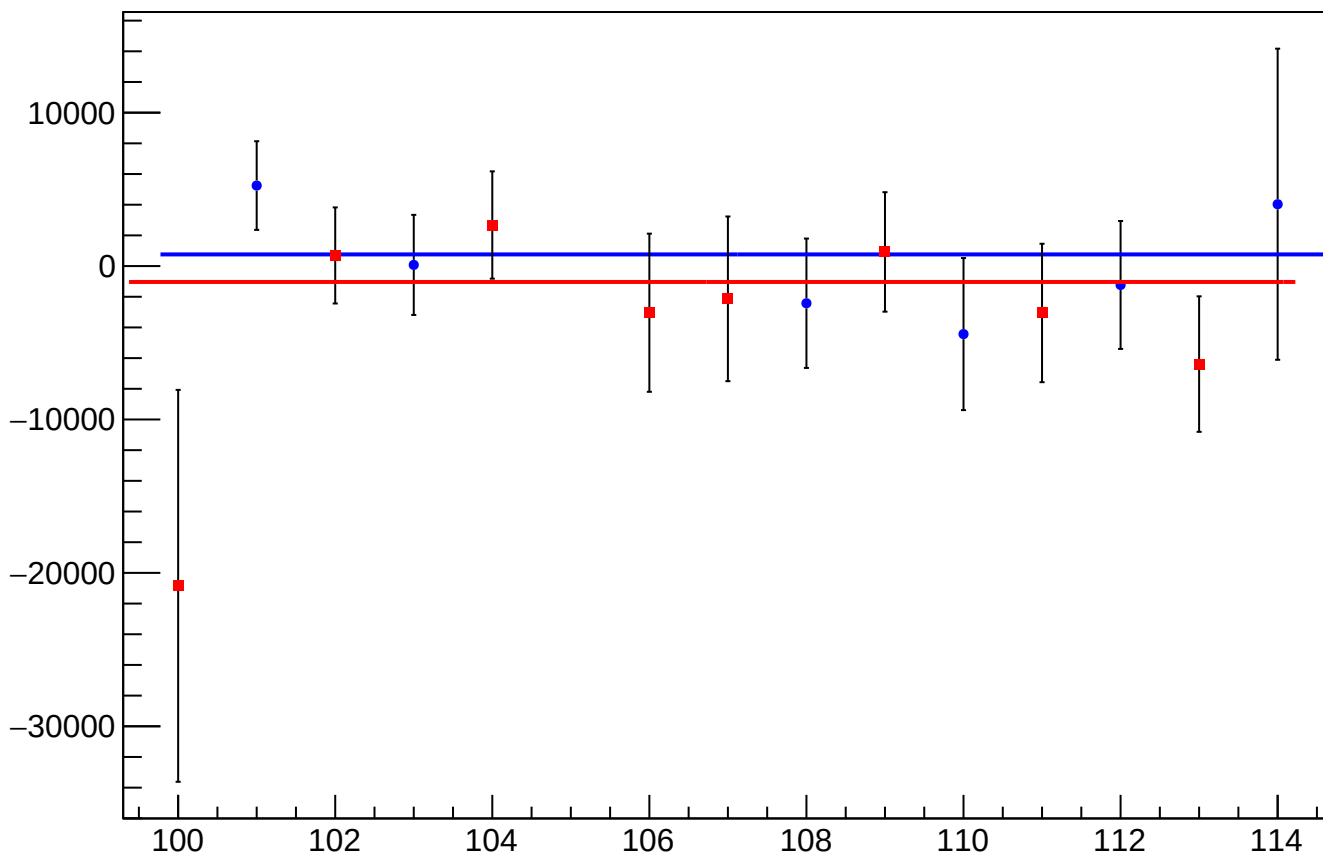
Right: 2722.208 $\pm$ 0.796 χ^2 /NDF: 120929.6/13

In: 2660.692 $\pm$ 1.164 χ^2 /NDF:67189.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2722.208 $\pm$ 0.796 χ^2 /NDF: 120929.6/13

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

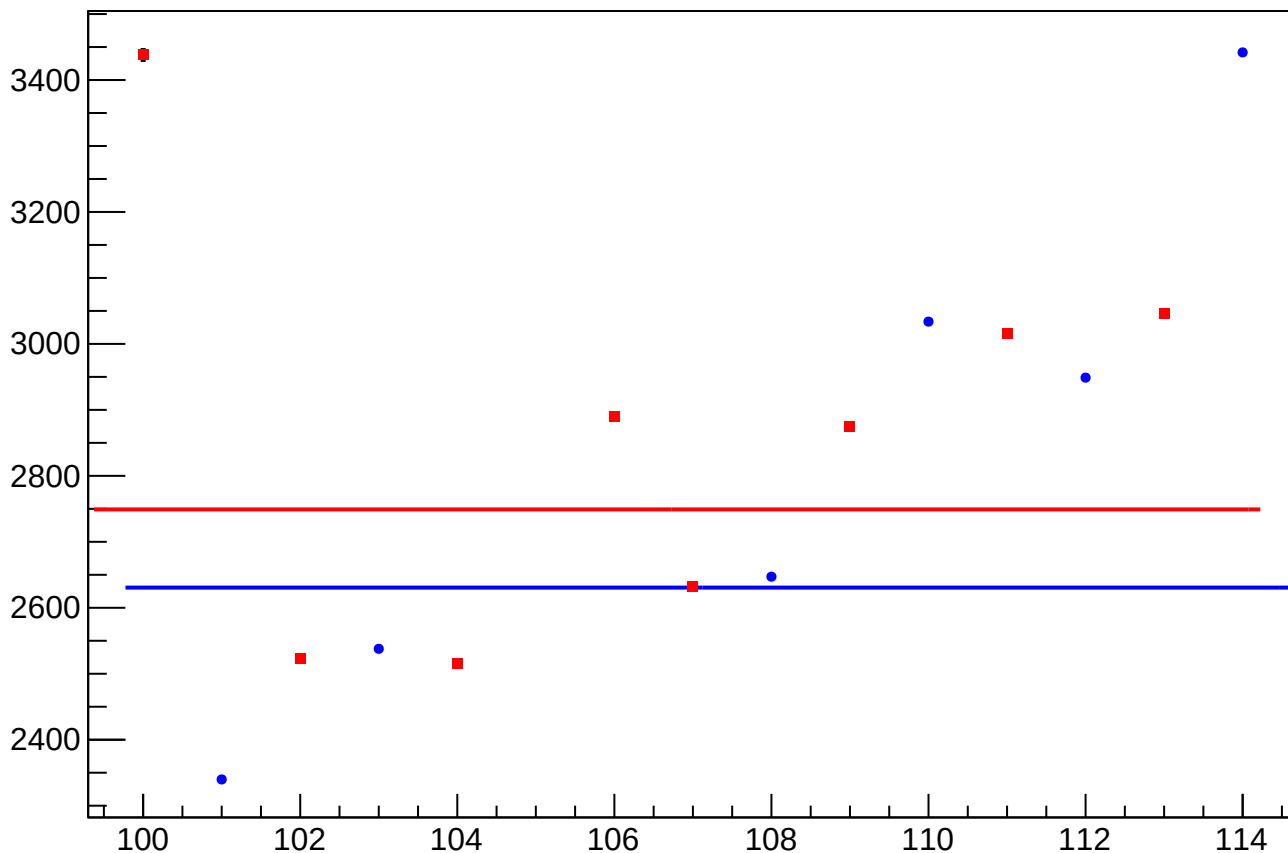
Right: -194.148+/-1113.578 χ^2/NDF : 11.1/13

In: 759.959+/-1626.736 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.148+/-1113.578 χ^2/NDF : 11.1/13

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

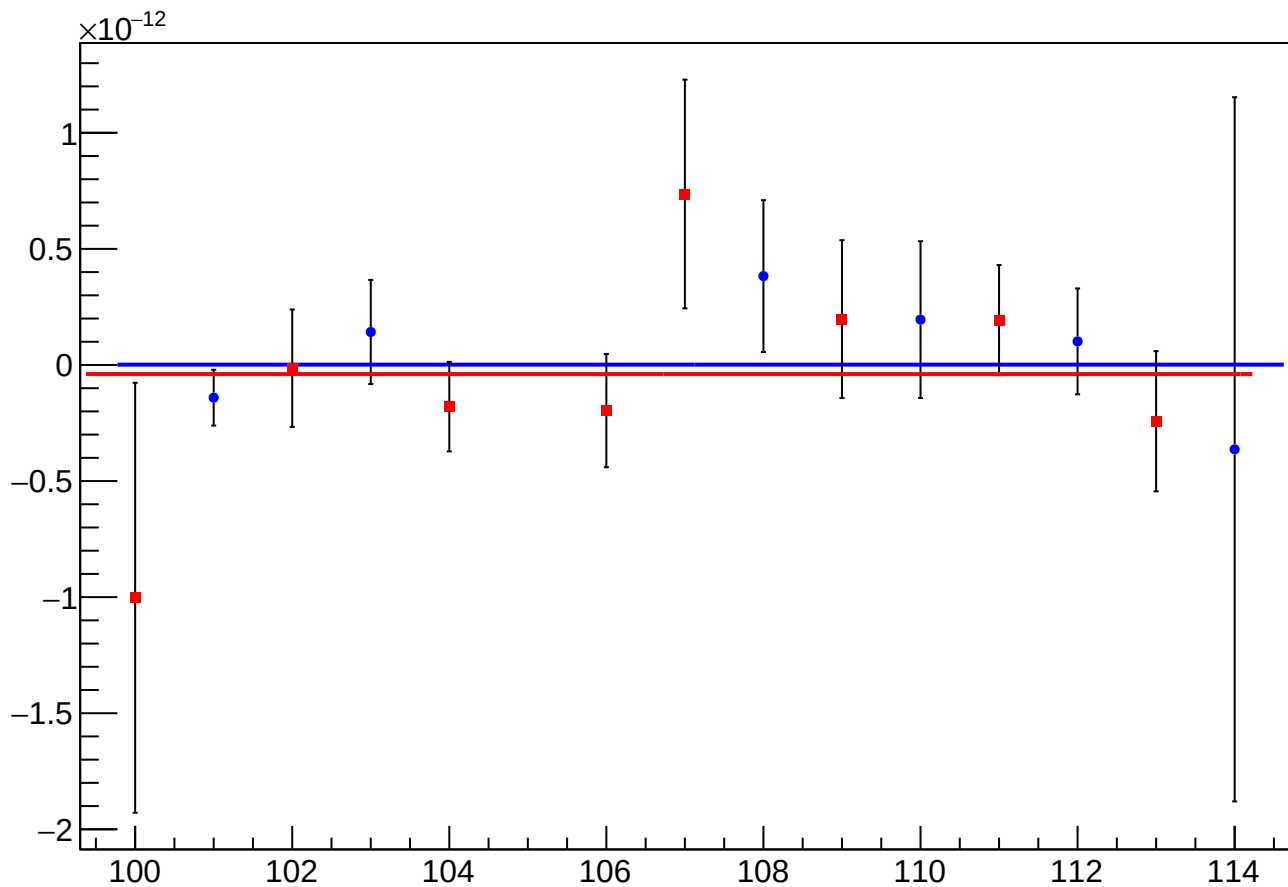
Right: 2693.572 $\pm$ 0.787 χ^2 /NDF: 110892.4/13

In: 2630.604 $\pm$ 1.150 χ^2 /NDF: 59595.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2693.572 $\pm$ 0.787 χ^2 /NDF: 110892.4/13

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

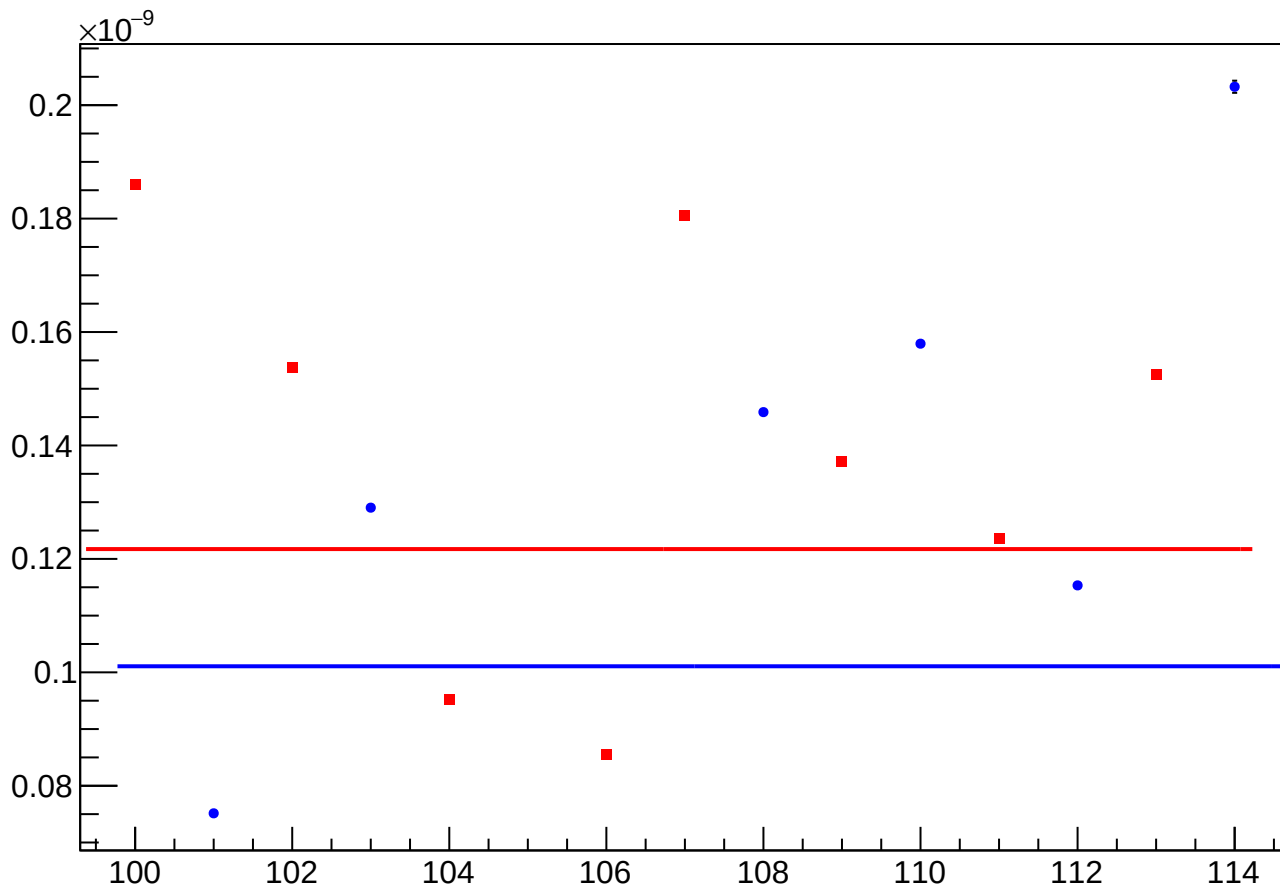
Right: -0.000+/-0.000 χ^2/NDF : 10.2/13

In: 0.000+/-0.000 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.2/13

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

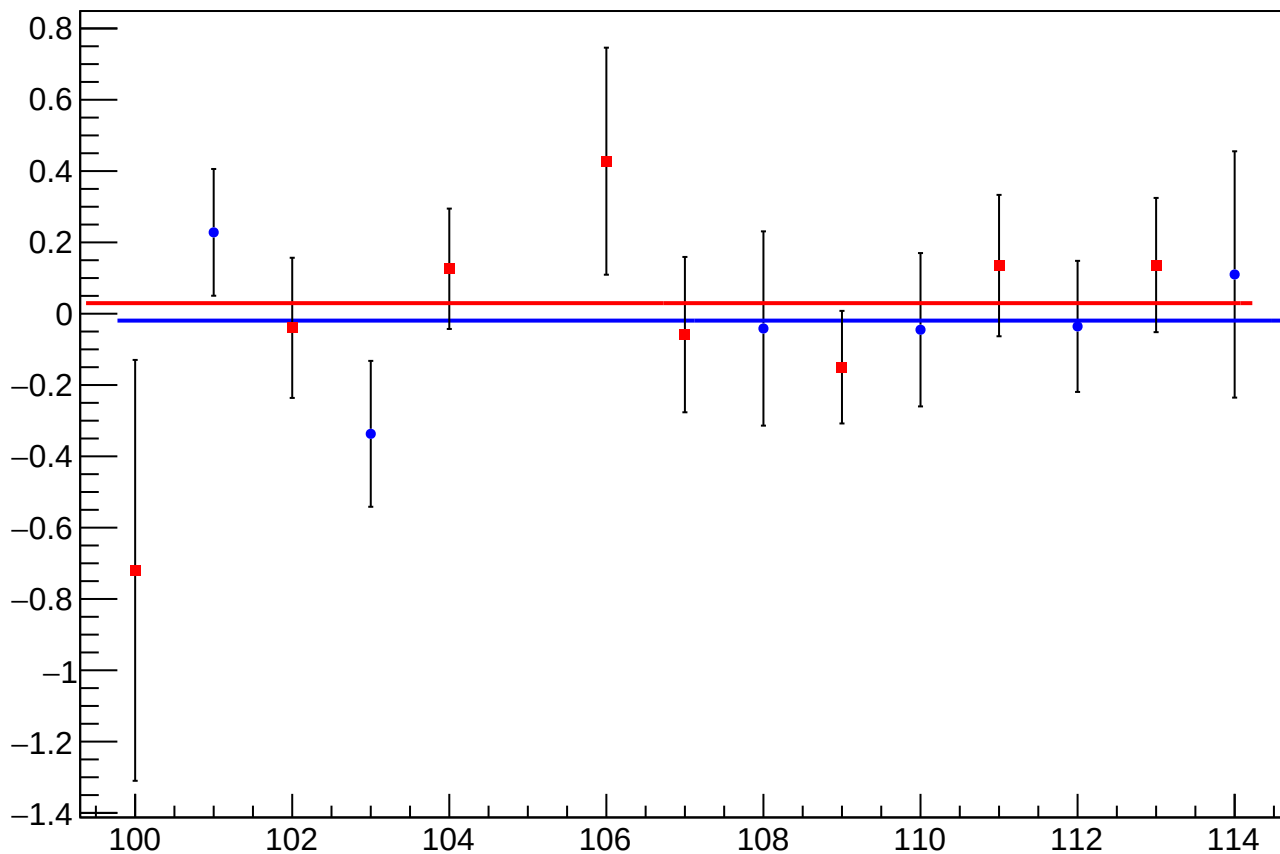
Right: 0.000+/-0.000 χ^2/NDF : 460721.0/13

In: 0.000+/-0.000 χ^2/NDF : 235215.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 460721.0/13

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

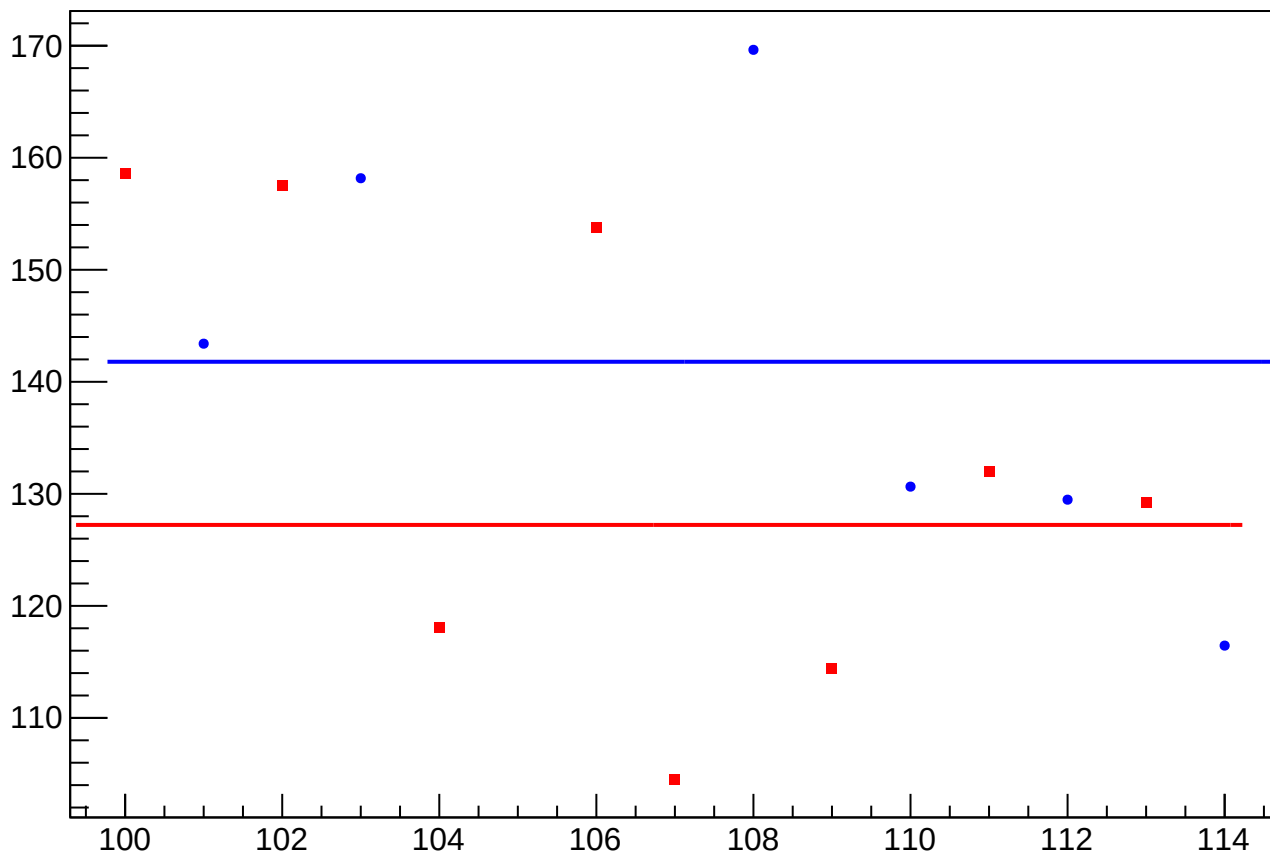
Right: 0.010+/-0.056 χ^2/NDF : 10.4/13

In: -0.019+/-0.088 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.056 χ^2/NDF : 10.4/13

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

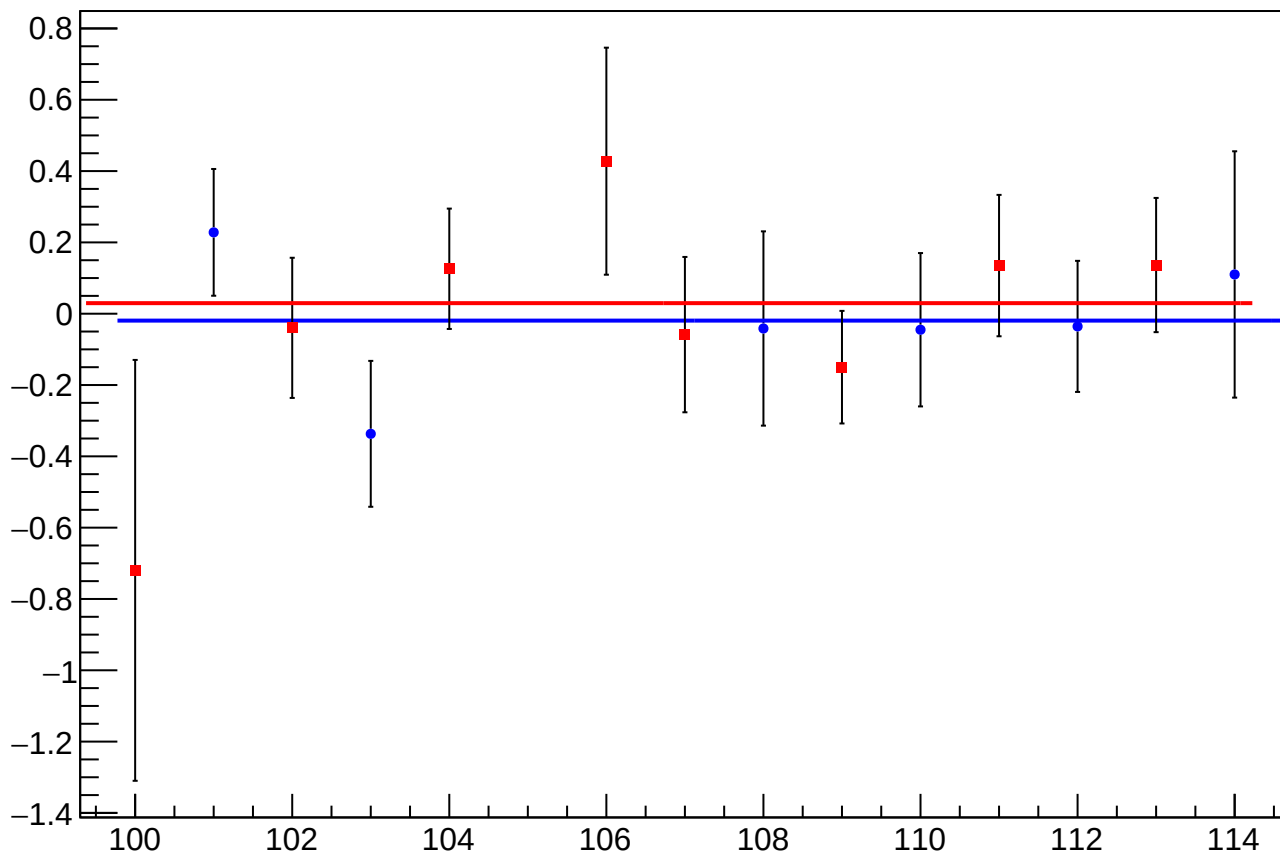
Right: 133.131 $\pm$ 0.040 χ^2 /NDF: 200496.7/13

In: 141.790 $\pm$ 0.062 χ^2 /NDF:58984.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.131 $\pm$ 0.040 χ^2 /NDF: 200496.7/13

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

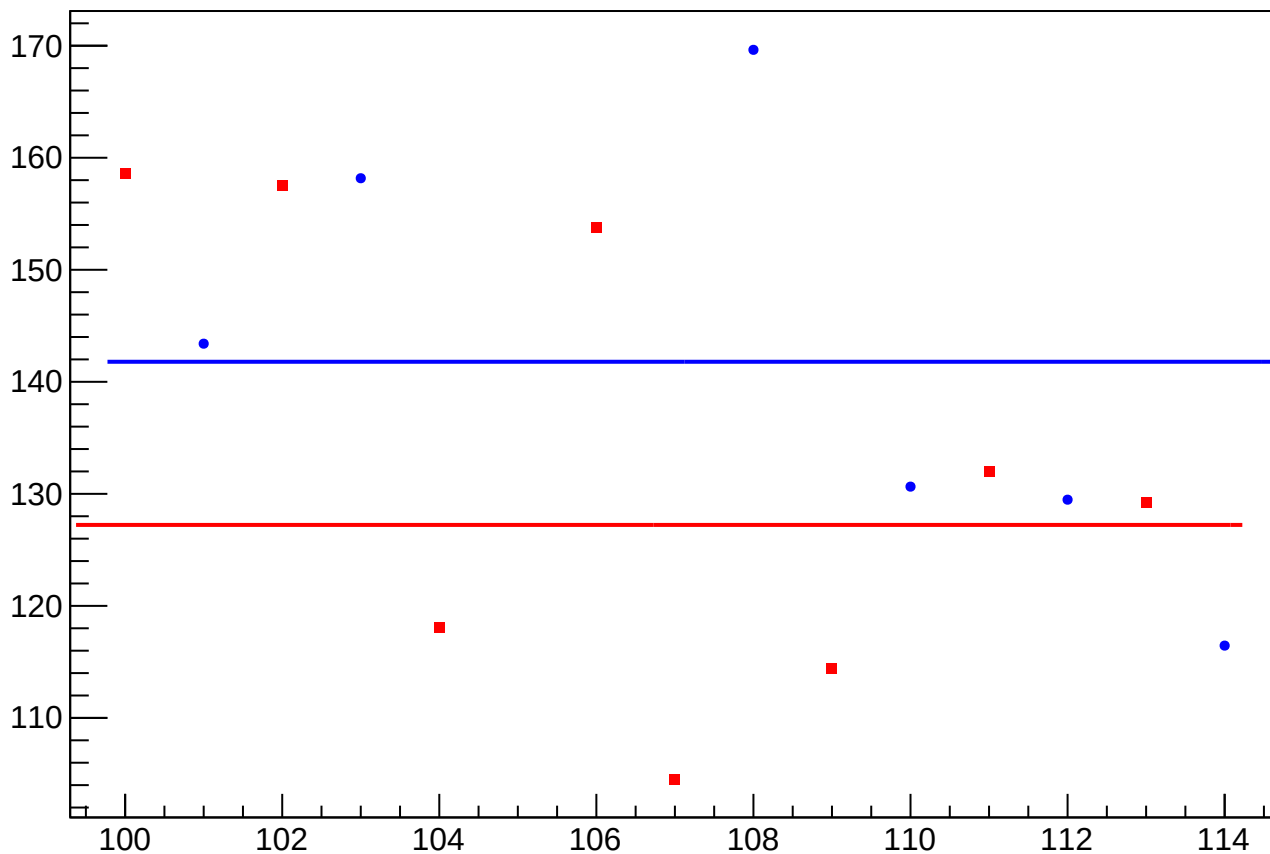
Right: 0.010 $\pm$ 0.056 χ^2 /NDF: 10.4/13

In: -0.019 $\pm$ 0.088 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.056 χ^2 /NDF: 10.4/13

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.790+/-0.062 χ^2/NDF : 58984.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.226+/-0.051 χ^2/NDF : 109072.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

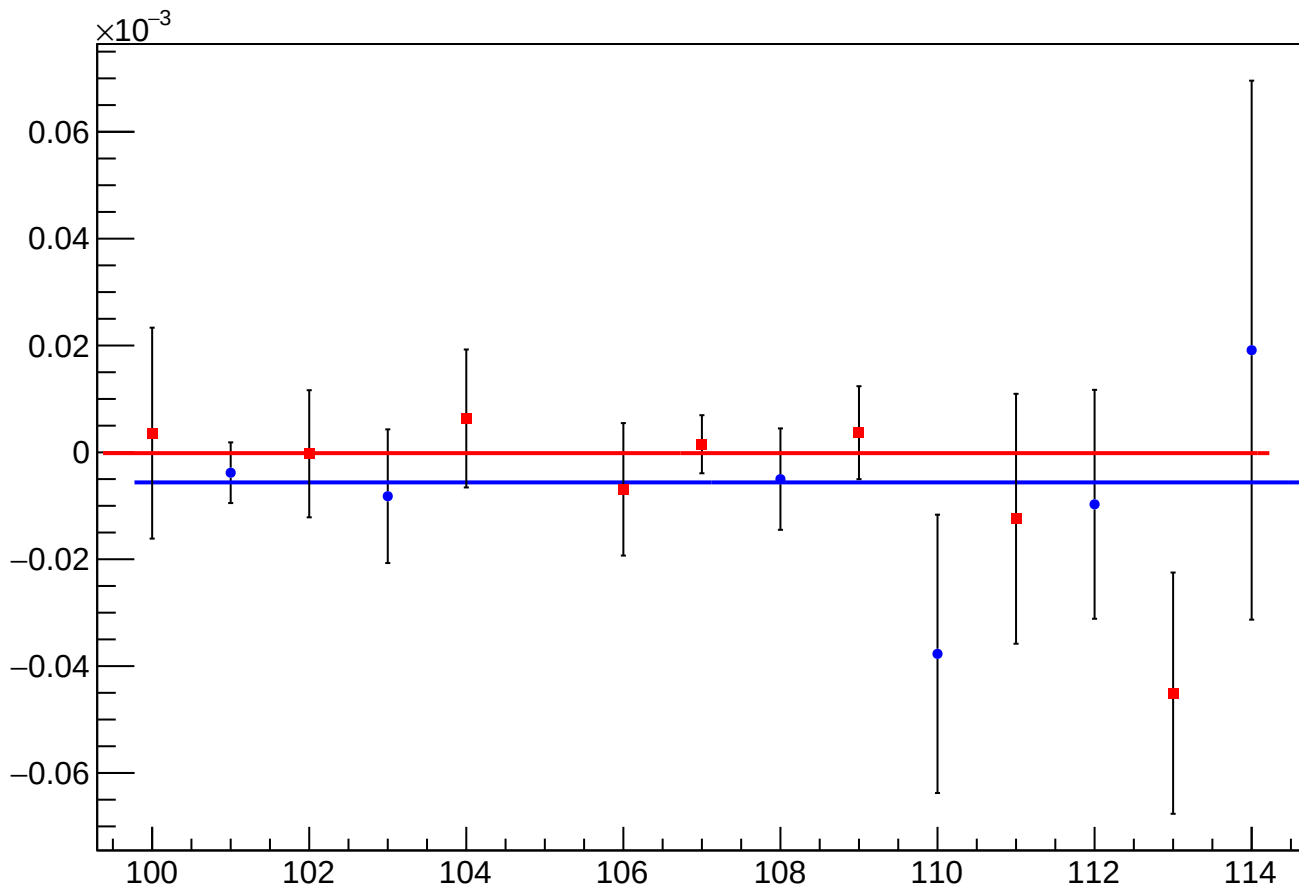
Right: 133.131+/-0.040 χ^2/NDF : 200496.7/13

In: 141.790+/-0.062 χ^2/NDF : 58984.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.131+/-0.040 χ^2/NDF : 200496.7/13

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 5.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

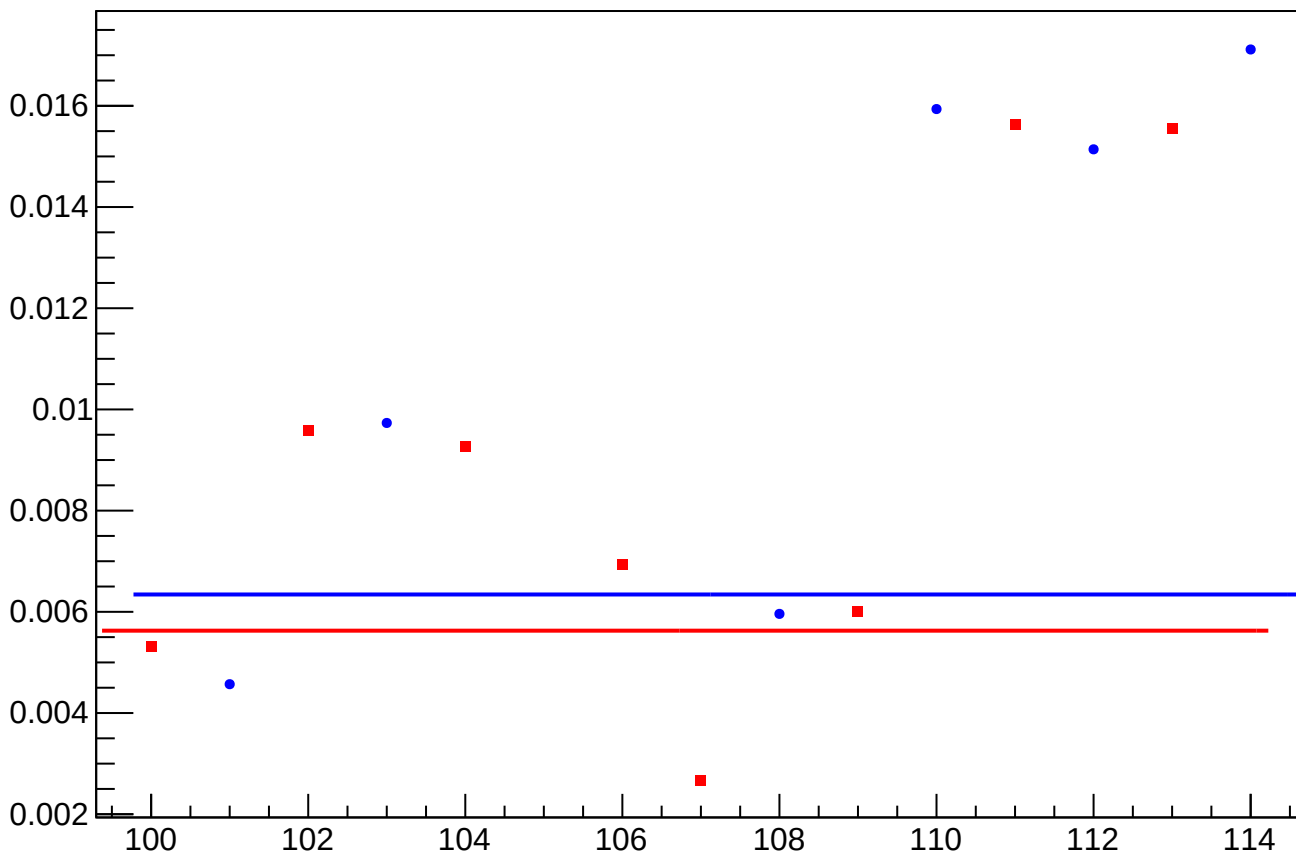
Right: -0.000+/-0.000 χ^2/NDF : 8.0/13

In: -0.000+/-0.000 χ^2/NDF :1.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.0/13

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

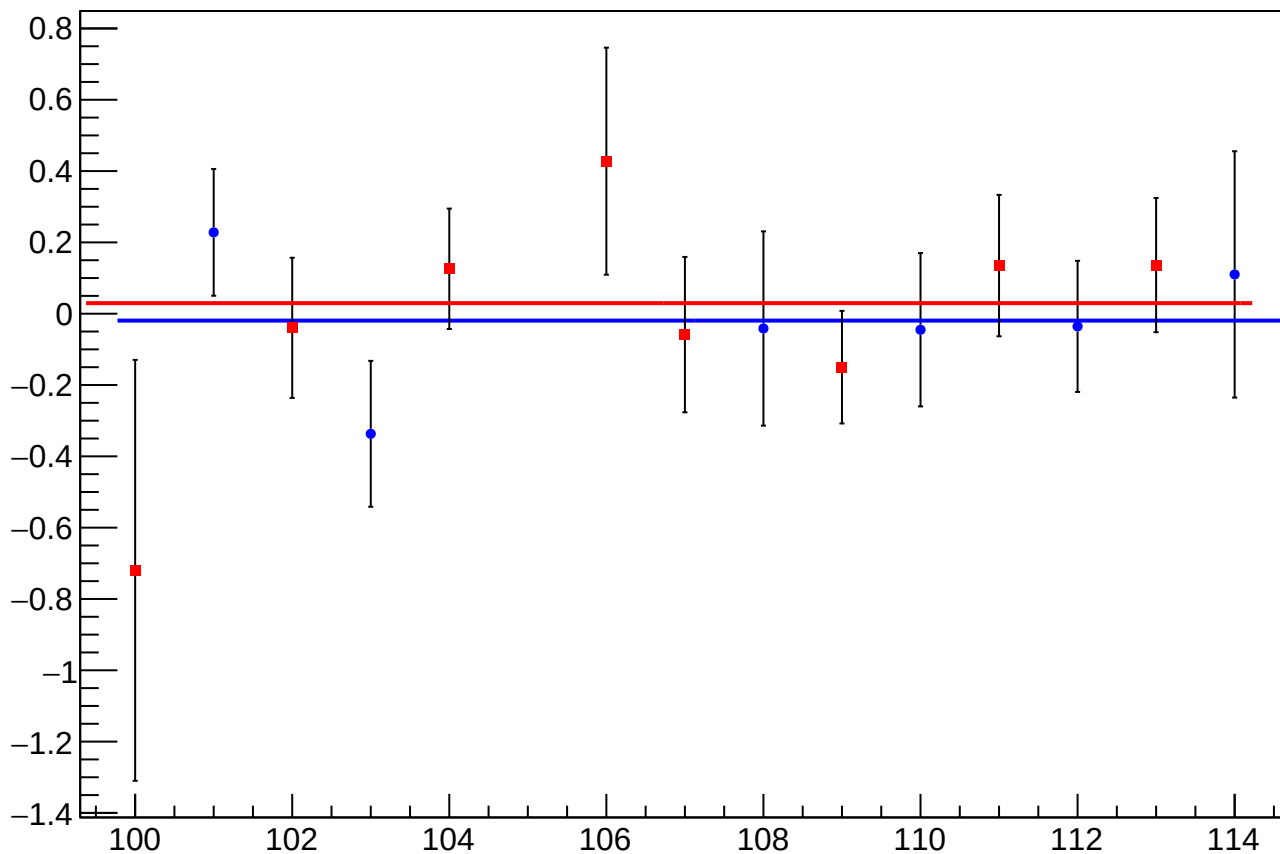
Right: 0.006+/-0.000 χ^2/NDF : 2829974.6/13

In: 0.006+/-0.000 χ^2/NDF :1044848.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2829974.6/13

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

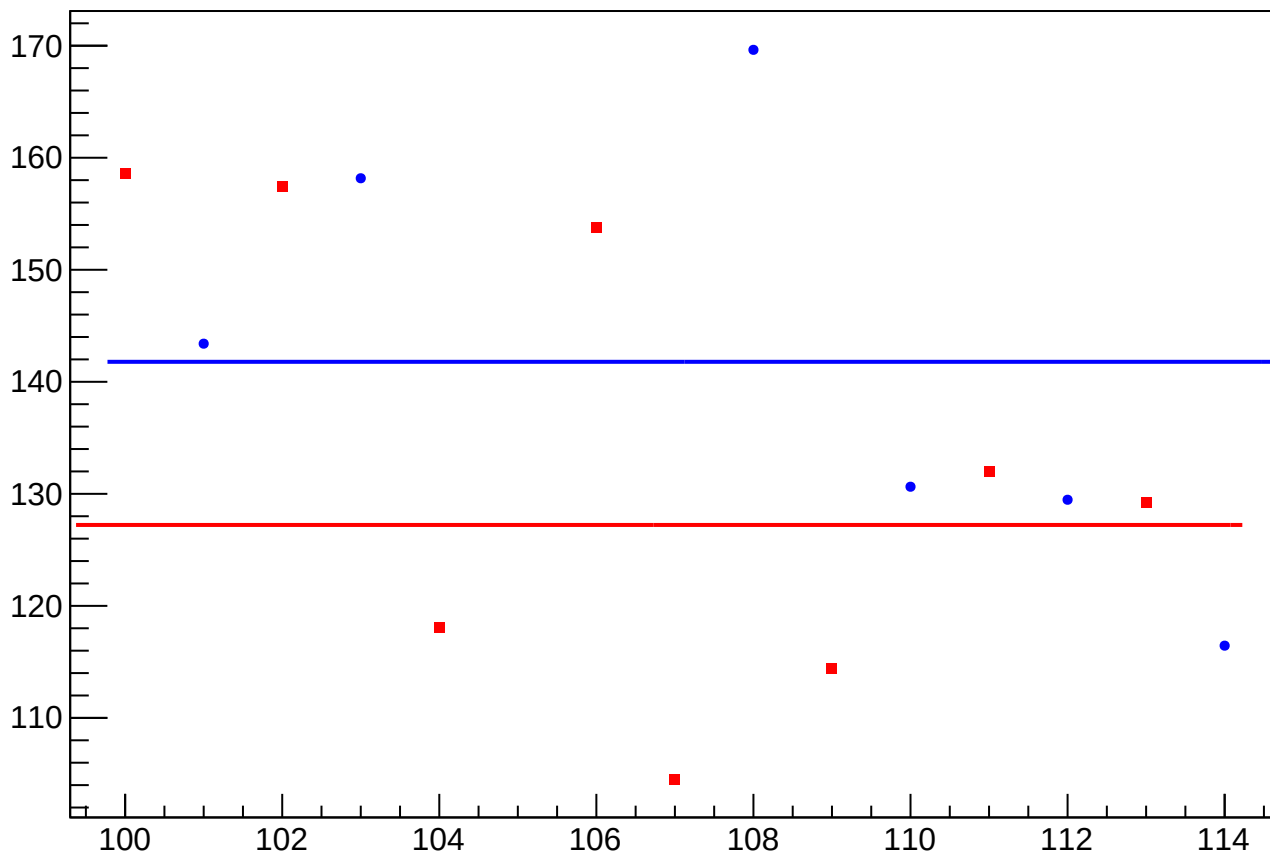
Right: 0.010+/-0.056 χ^2/NDF : 10.4/13

In: -0.019+/-0.088 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.056 χ^2/NDF : 10.4/13

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.785+/-0.062 χ^2/NDF : 59006.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.223+/-0.051 χ^2/NDF : 109071.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

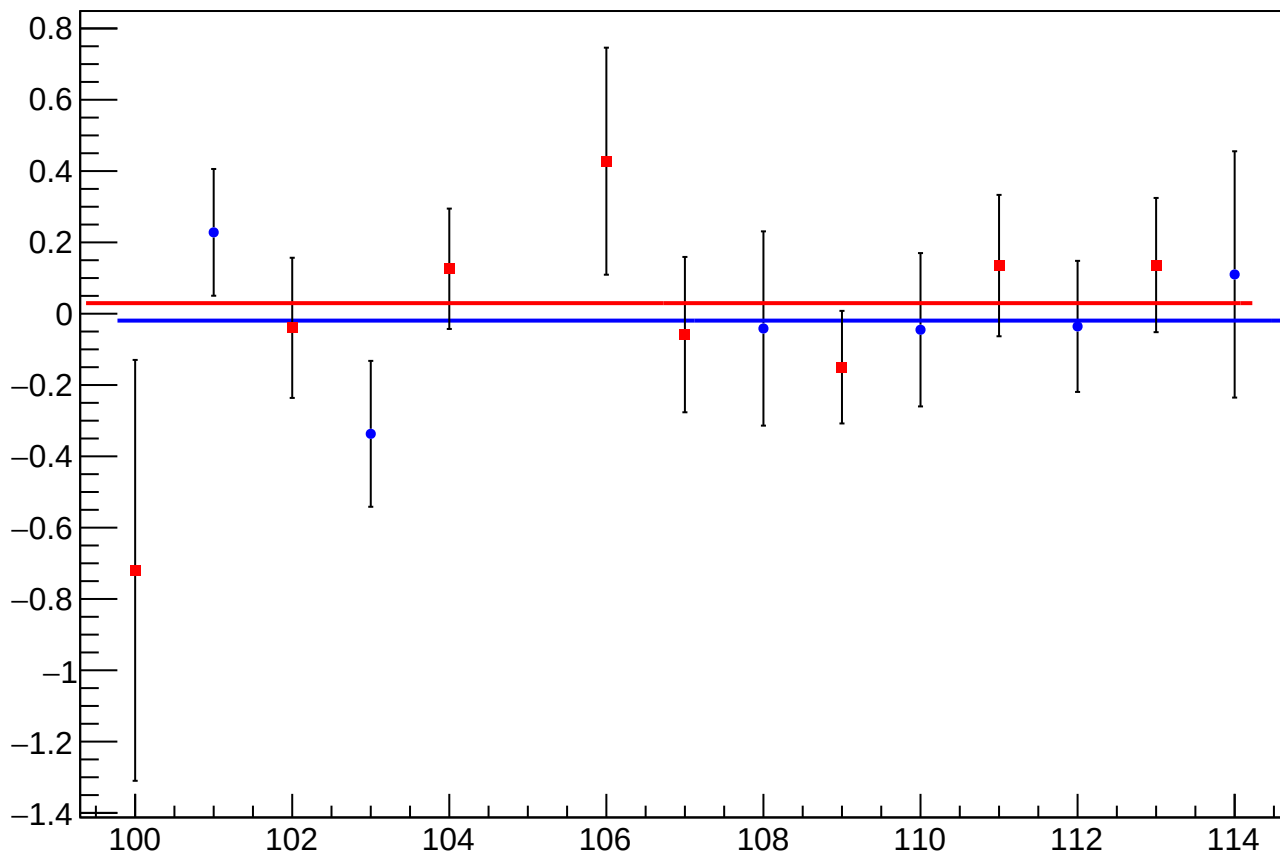
Right: 133.127+/-0.040 χ^2/NDF : 200513.3/13

In: 141.785+/-0.062 χ^2/NDF : 59006.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.127+/-0.040 χ^2/NDF : 200513.3/13

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

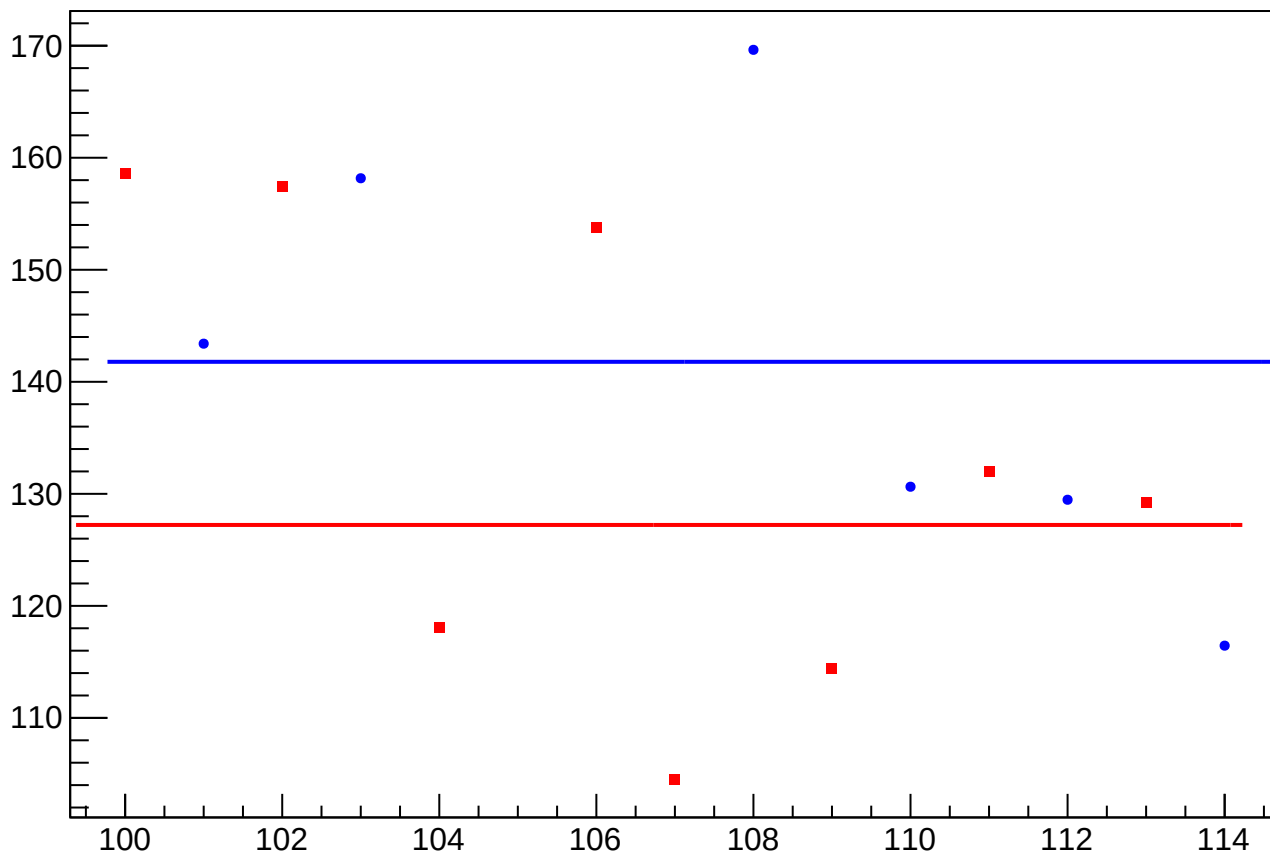
Right: 0.010+/-0.056 χ^2/NDF : 10.4/13

In: -0.019+/-0.088 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.056 χ^2/NDF : 10.4/13

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.785+/-0.062 χ^2/NDF : 59006.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.223+/-0.051 χ^2/NDF : 109071.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

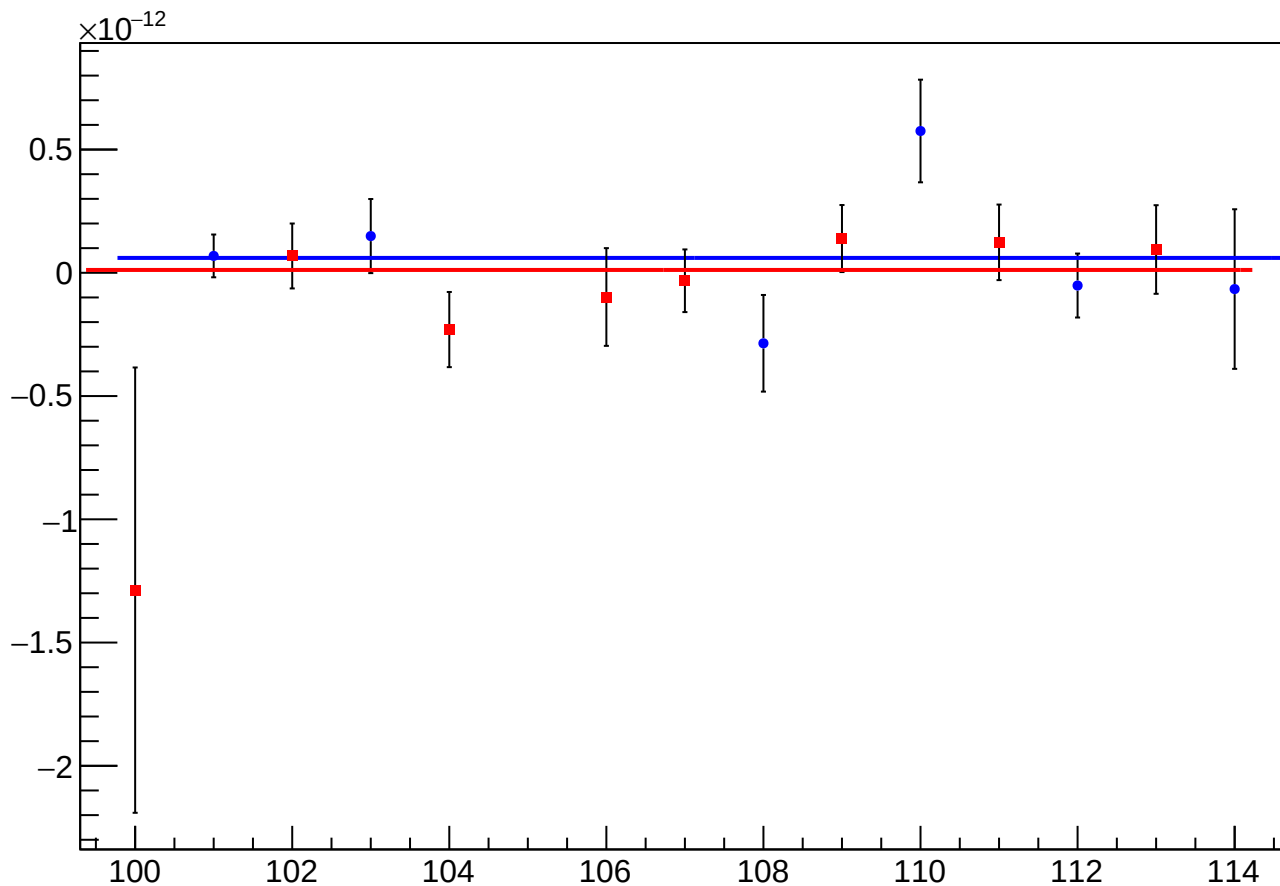
Right: 133.127+/-0.040 χ^2/NDF : 200513.3/13

In: 141.785+/-0.062 χ^2/NDF : 59006.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.127+/-0.040 χ^2/NDF : 200513.3/13

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

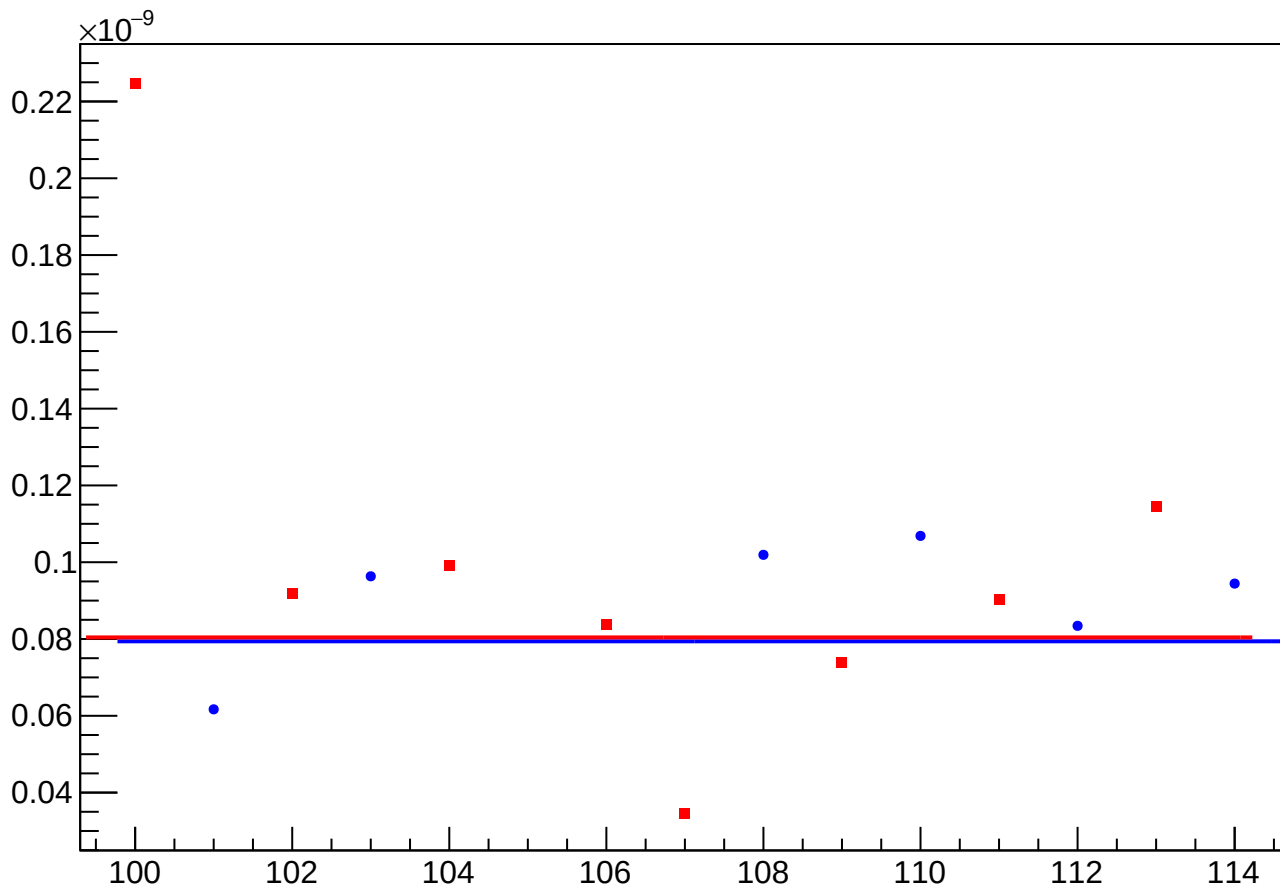
Right: 0.000+/-0.000 χ^2/NDF : 17.7/13

In: 0.000+/-0.000 χ^2/NDF : 10.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/13

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

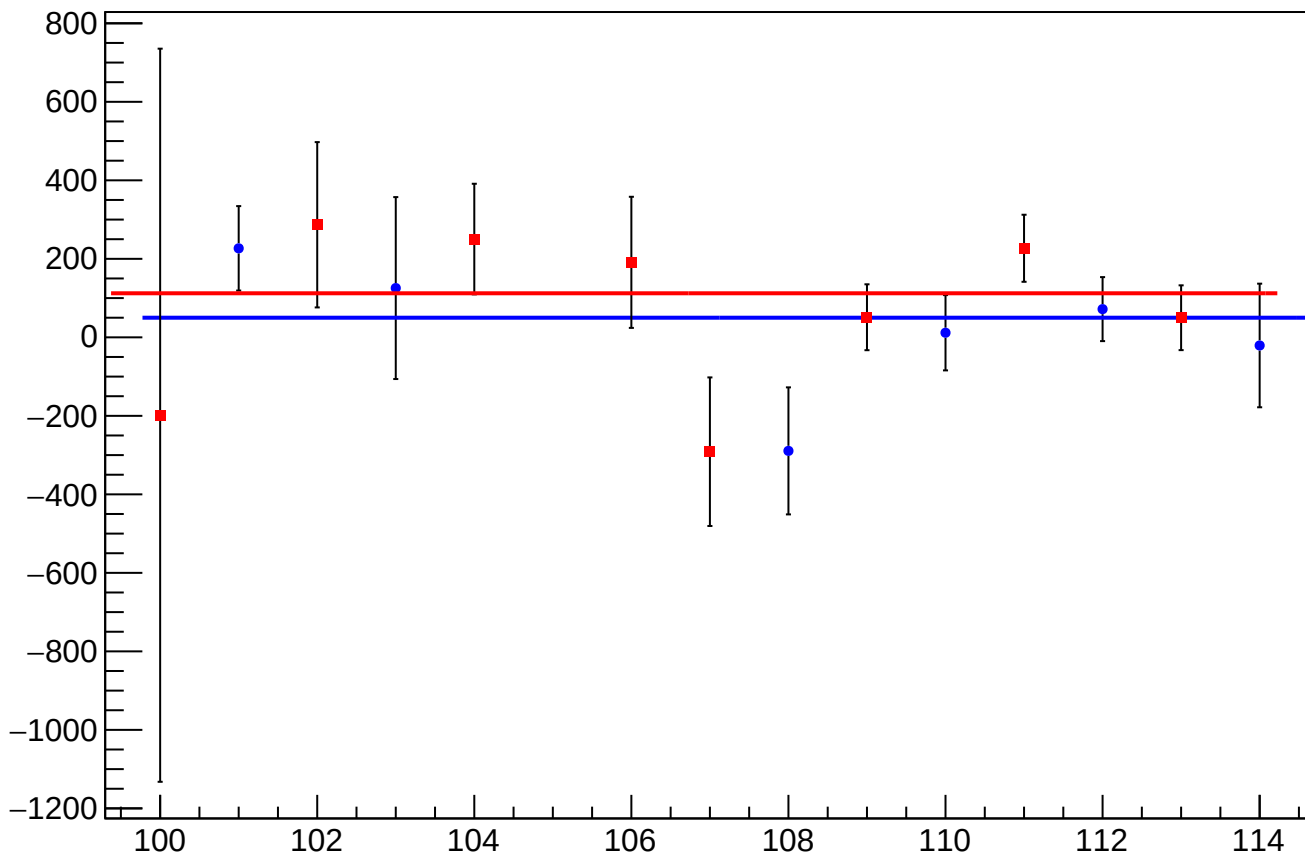
Right: 0.000+/-0.000 χ^2/NDF : 617962.3/13

In: 0.000+/-0.000 χ^2/NDF : 176143.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 617962.3/13

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

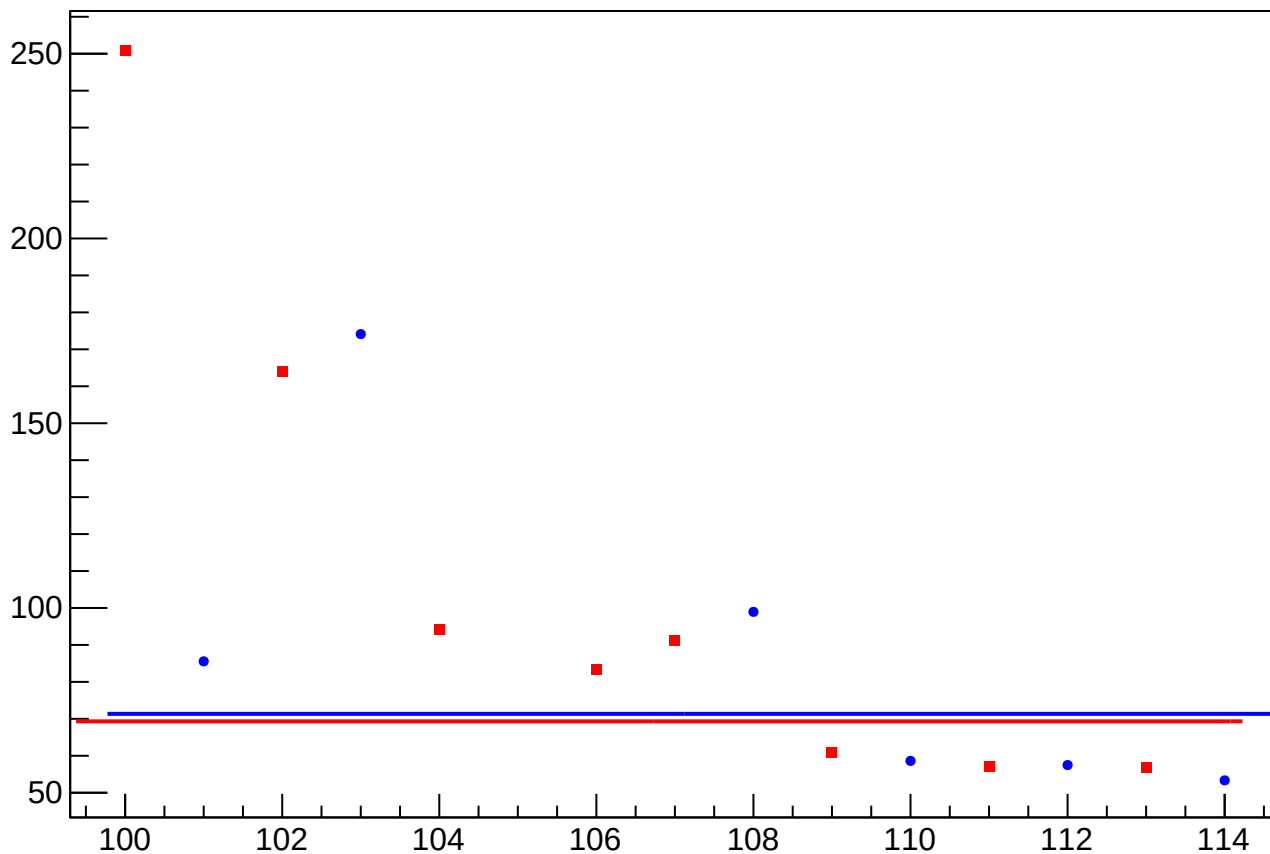
Right: 84.870+/-31.522 χ^2/NDF : 18.0/13

In: 50.013+/-47.524 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.870+/-31.522 χ^2/NDF : 18.0/13

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

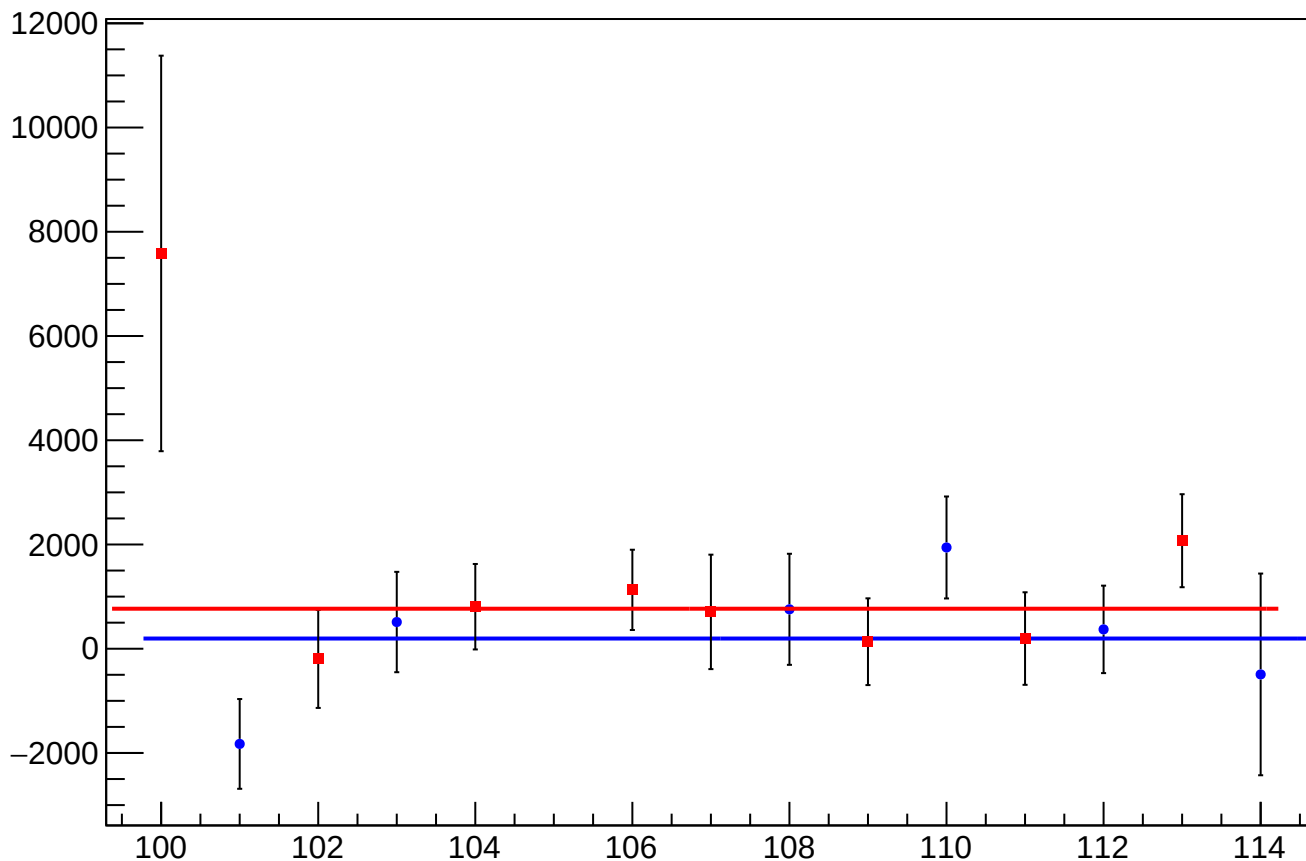
Right: 70.214+/-0.022 χ^2/NDF : 1297000.5/13

In: 71.351+/-0.034 χ^2/NDF : 605620.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.214+/-0.022 χ^2/NDF : 1297000.5/13

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

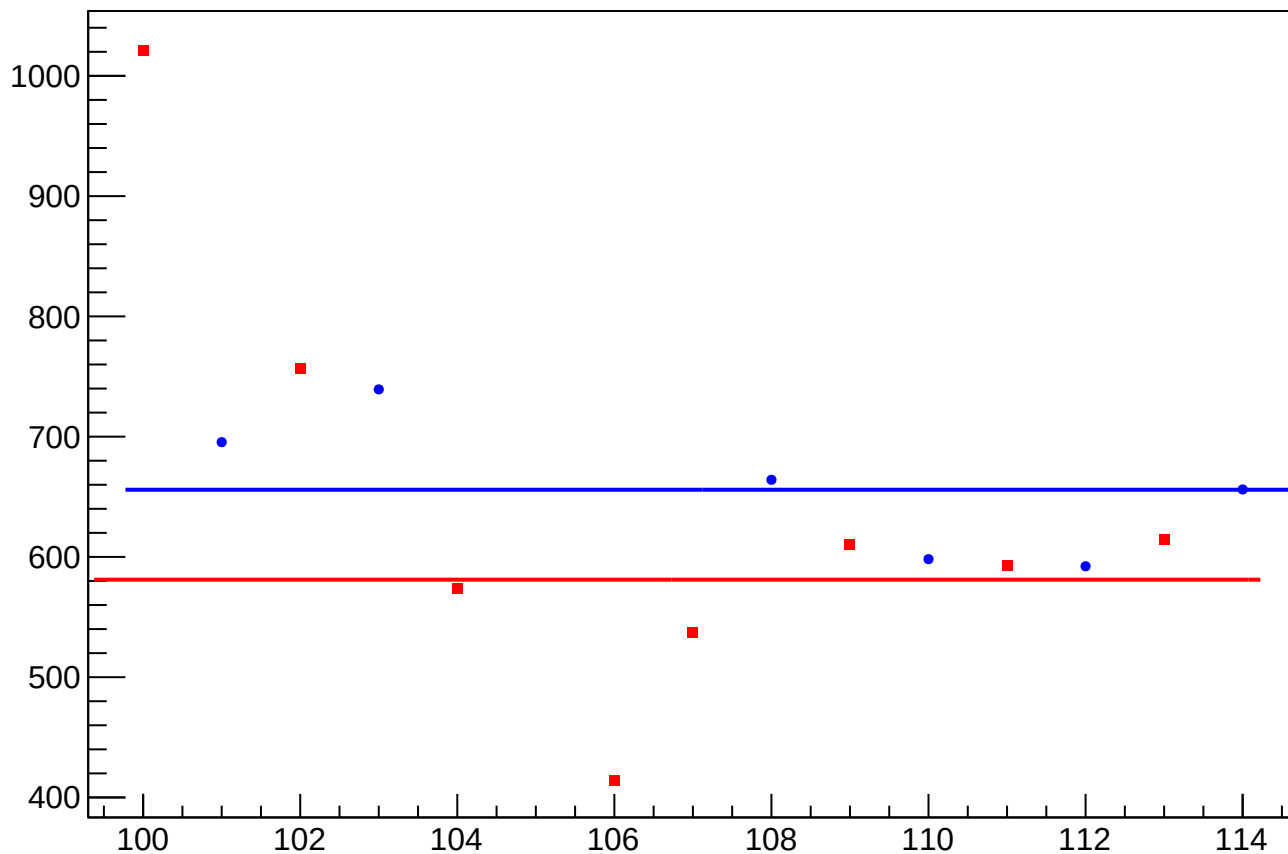
Right: 540.566 $\pm$ 256.383 χ^2 /NDF: 18.1/13

In: 195.655 $\pm$ 406.883 χ^2 /NDF:9.3/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 540.566 $\pm$ 256.383 χ^2 /NDF: 18.1/13

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 655.869+/-0.288 χ^2/NDF : 37830.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.087+/-0.233 χ^2/NDF : 199459.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

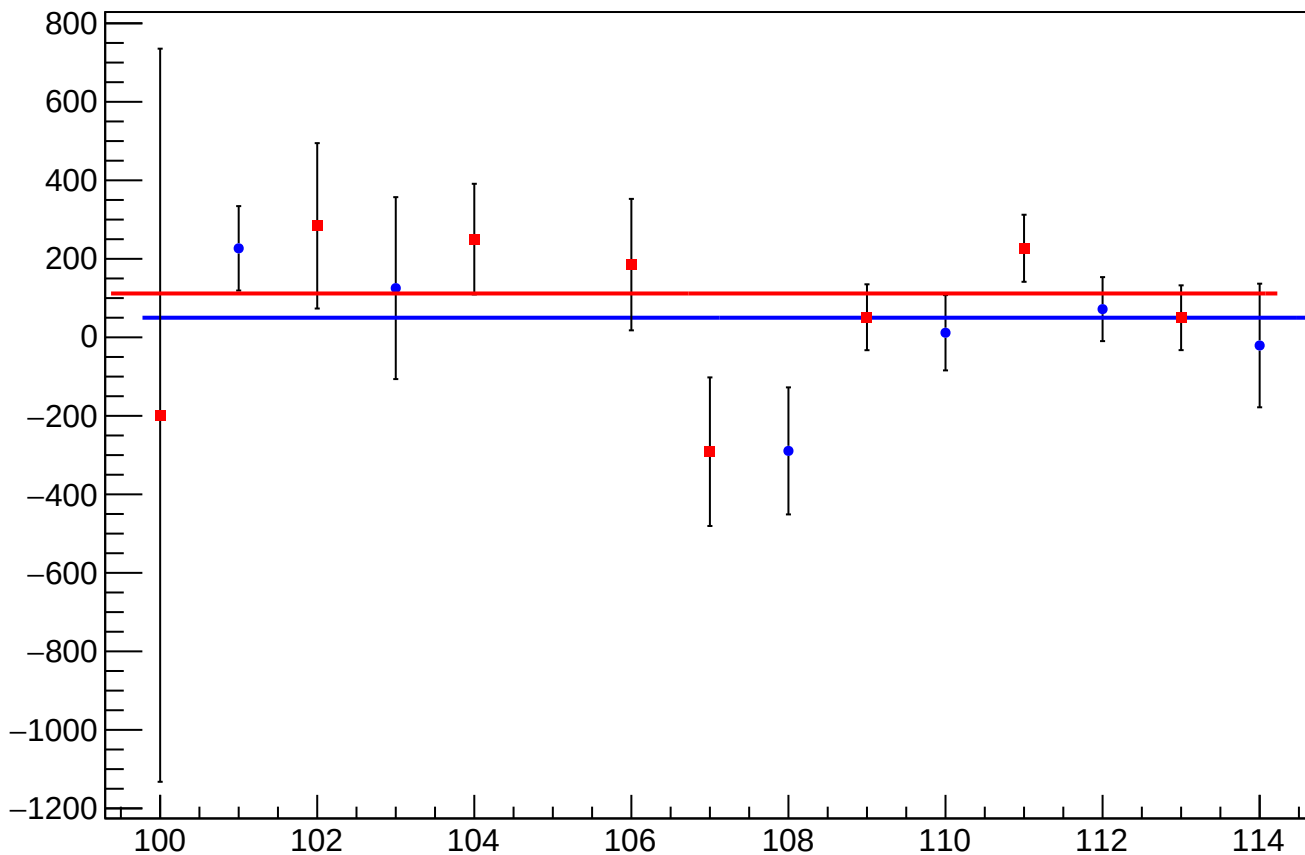
Right: 610.779+/-0.181 χ^2/NDF : 278025.3/13

In: 655.869+/-0.288 χ^2/NDF : 37830.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 610.779+/-0.181 χ^2/NDF : 278025.3/13

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

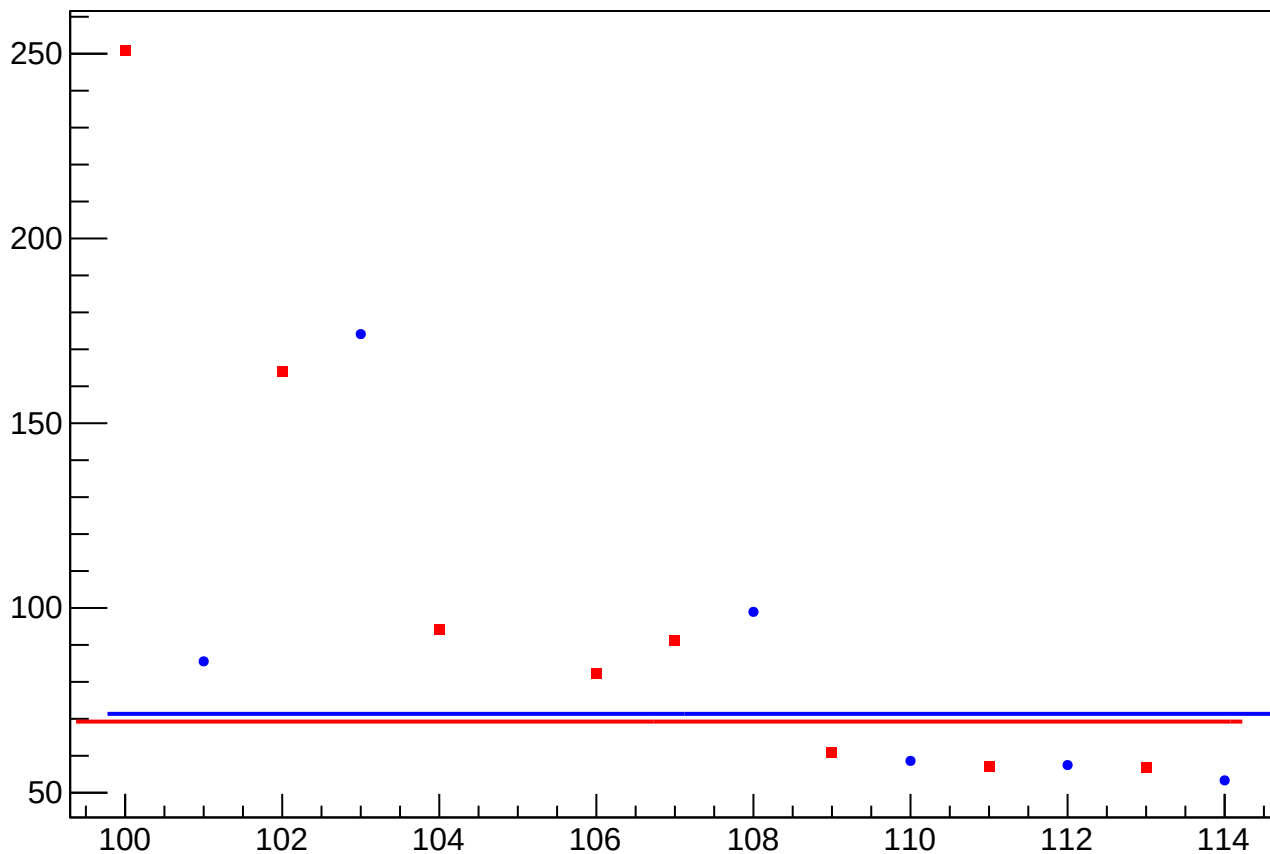
Right: 84.568 $\pm$ 31.525 χ^2 /NDF: 18.0/13

In: 49.996 $\pm$ 47.524 χ^2 /NDF: 7.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.568 $\pm$ 31.525 χ^2 /NDF: 18.0/13

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

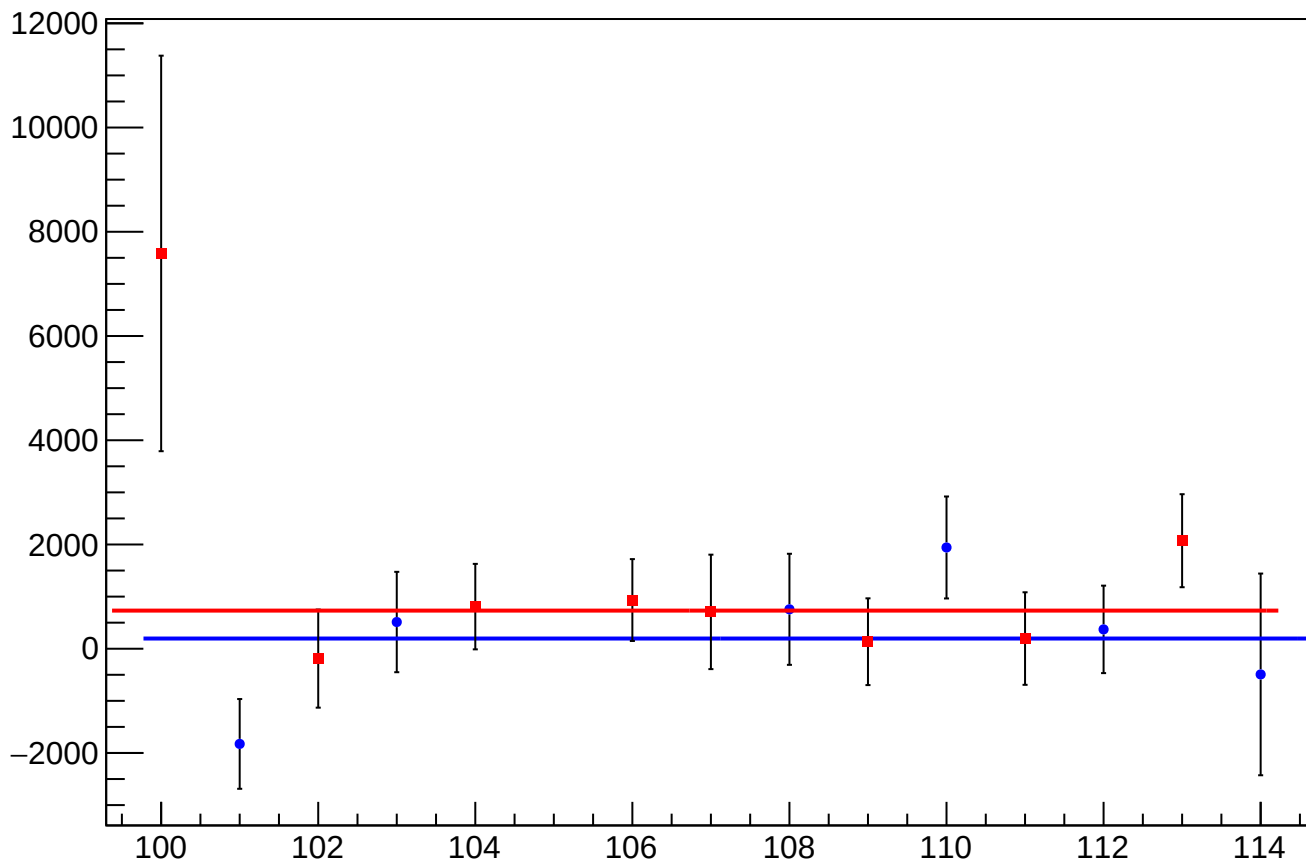
Right: 70.175+/-0.022 χ^2/NDF : 1295291.4/13

In: 71.351+/-0.034 χ^2/NDF : 605622.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.175+/-0.022 χ^2/NDF : 1295291.4/13

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 195.676+/-406.891 χ^2/NDF : 9.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.556+/-331.412 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

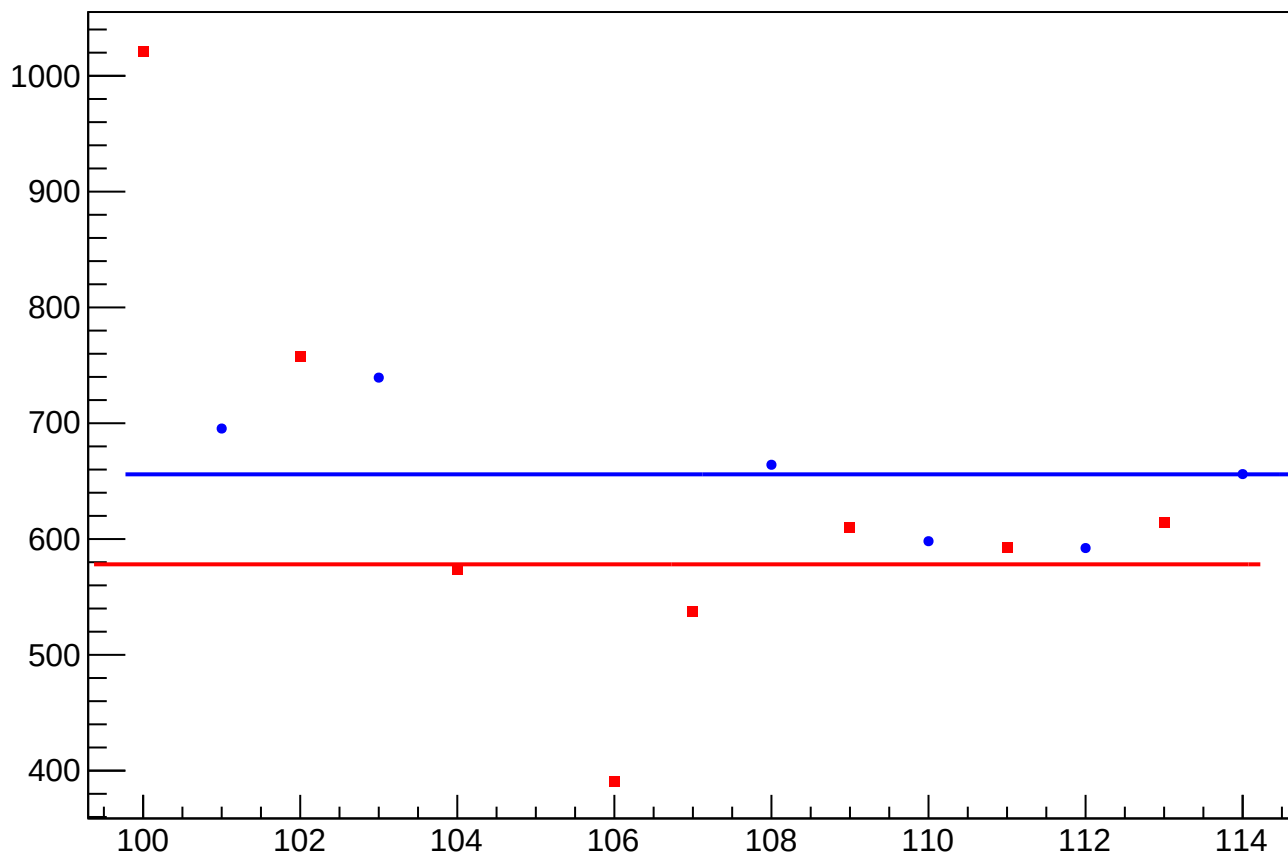
Right: 517.834+/-256.962 χ^2/NDF : 17.7/13

In: 195.676+/-406.891 χ^2/NDF : 9.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.834+/-256.962 χ^2/NDF : 17.7/13

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

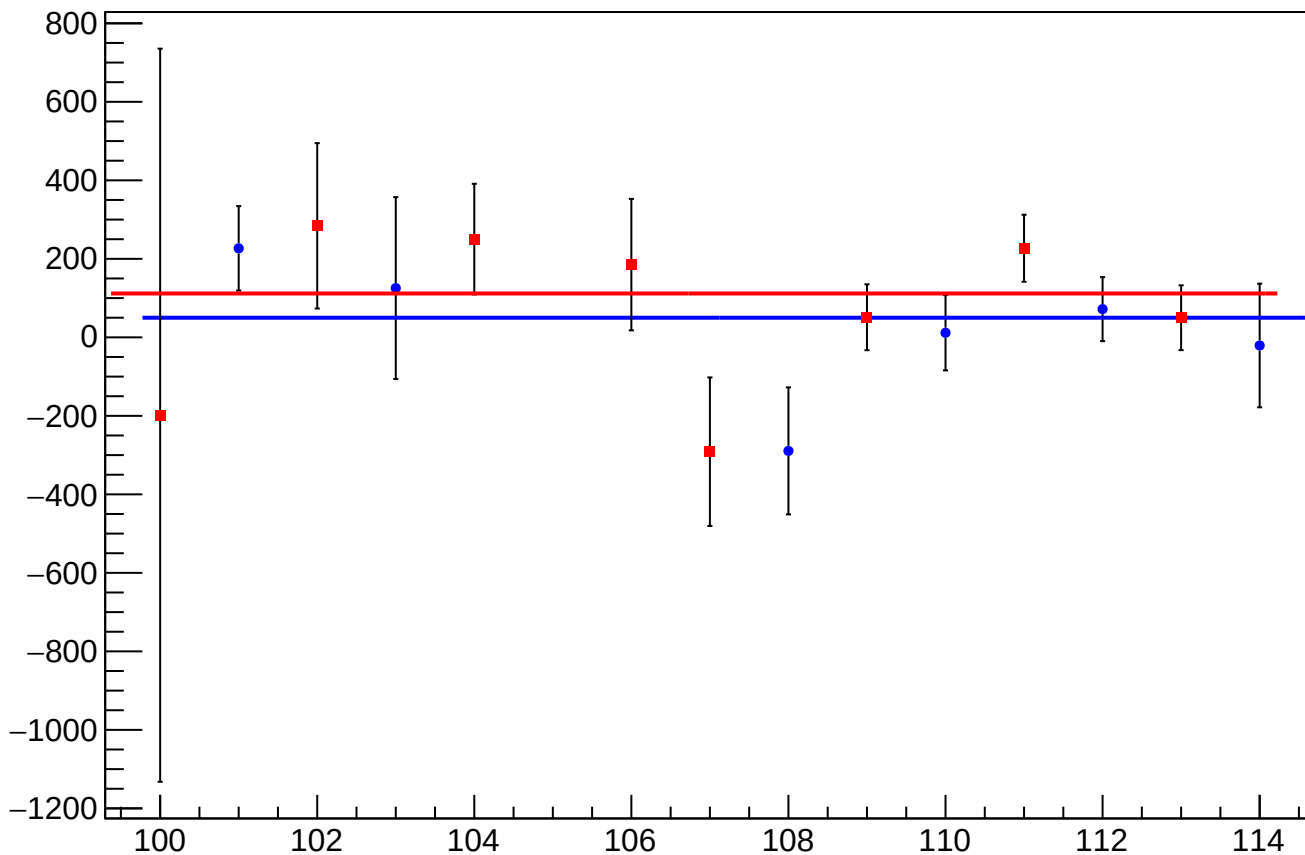
Right: 609.162+/-0.182 χ^2/NDF : 304895.0/13

In: 655.879+/-0.288 χ^2/NDF : 37855.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.162+/-0.182 χ^2/NDF : 304895.0/13

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 49.996+/-47.524 χ^2/NDF : 7.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.735+/-42.128 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

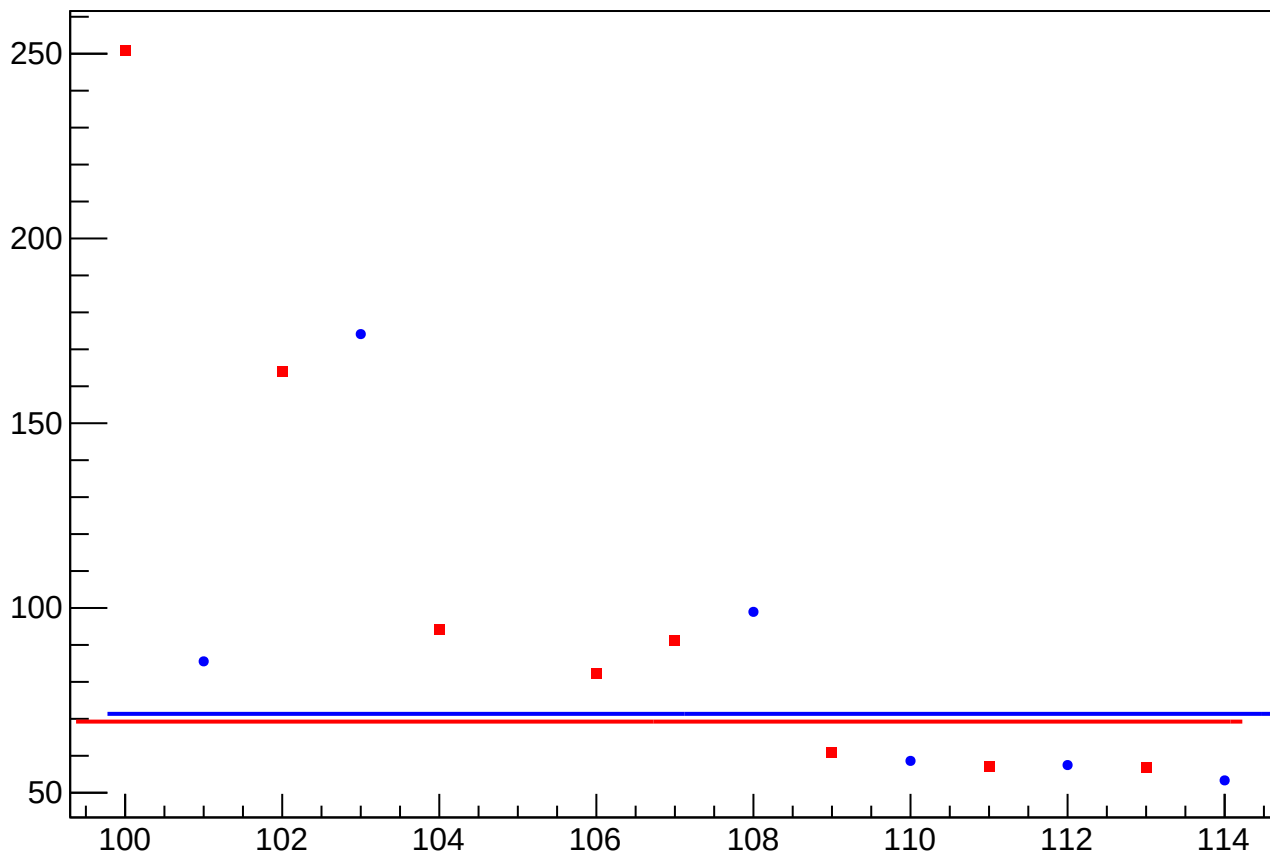
Right: 84.568+/-31.525 χ^2/NDF : 18.0/13

In: 49.996+/-47.524 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.568+/-31.525 χ^2/NDF : 18.0/13

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

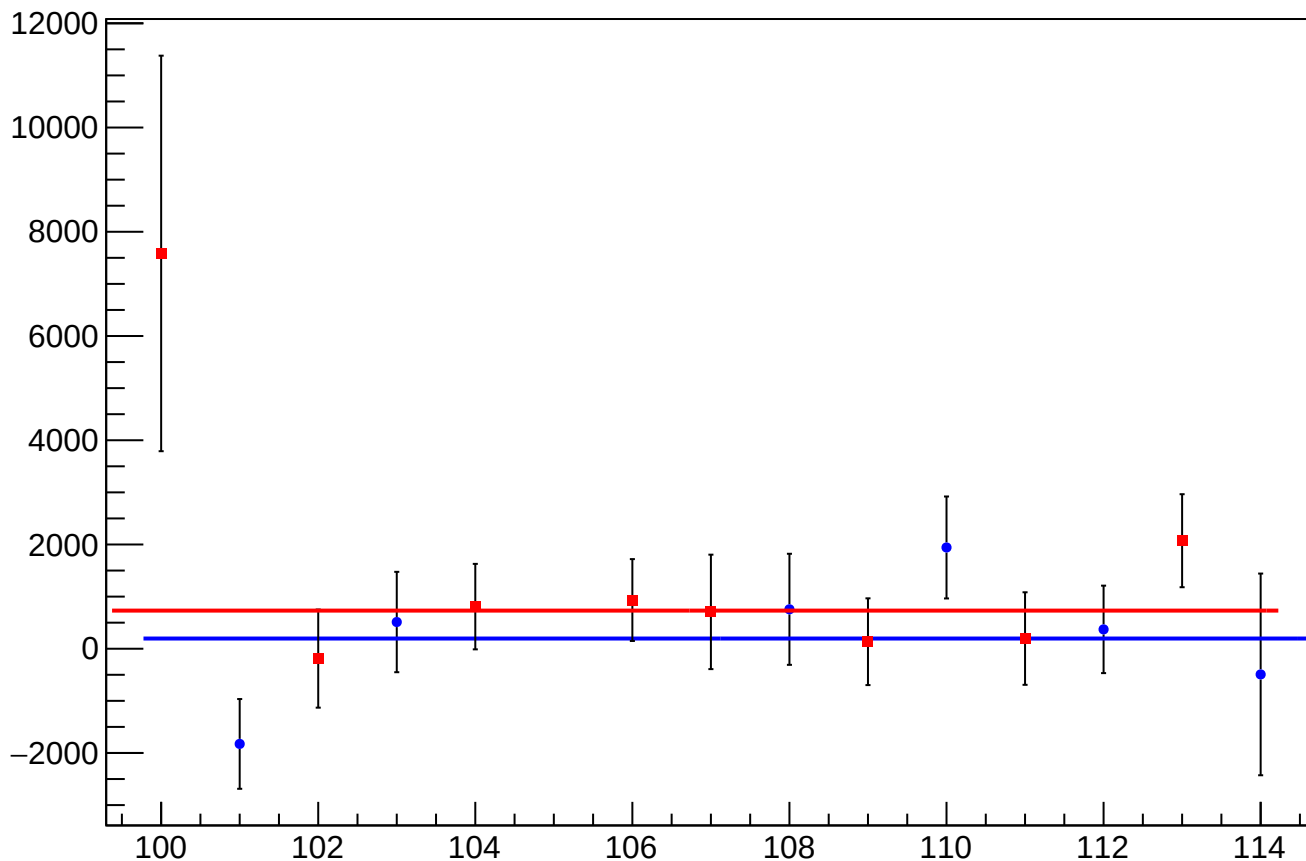
Right: 70.175+/-0.022 χ^2/NDF : 1295291.4/13

In: 71.351+/-0.034 χ^2/NDF : 605622.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.175+/-0.022 χ^2/NDF : 1295291.4/13

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 195.676+/-406.891 χ^2/NDF : 9.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.556+/-331.412 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

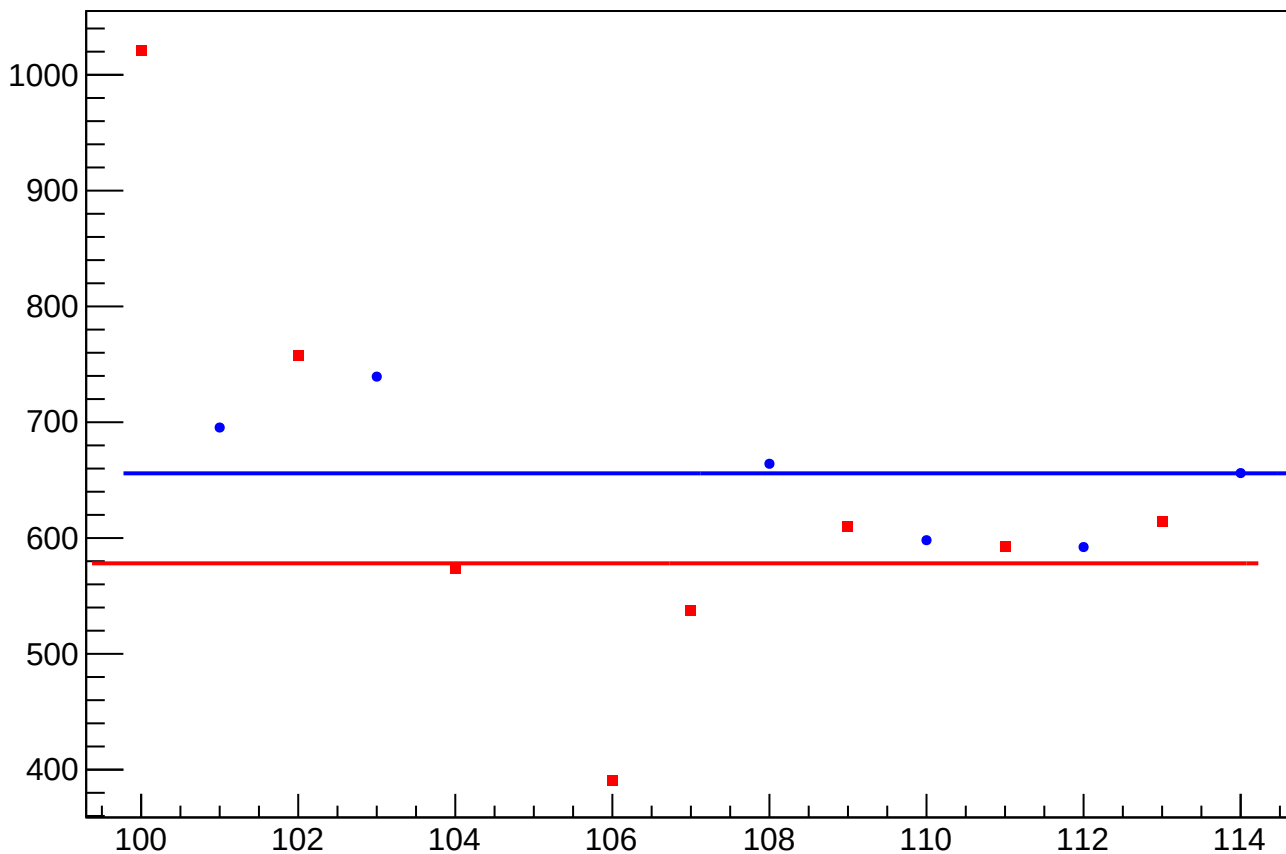
Right: 517.834+/-256.962 χ^2/NDF : 17.7/13

In: 195.676+/-406.891 χ^2/NDF : 9.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.834+/-256.962 χ^2/NDF : 17.7/13

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

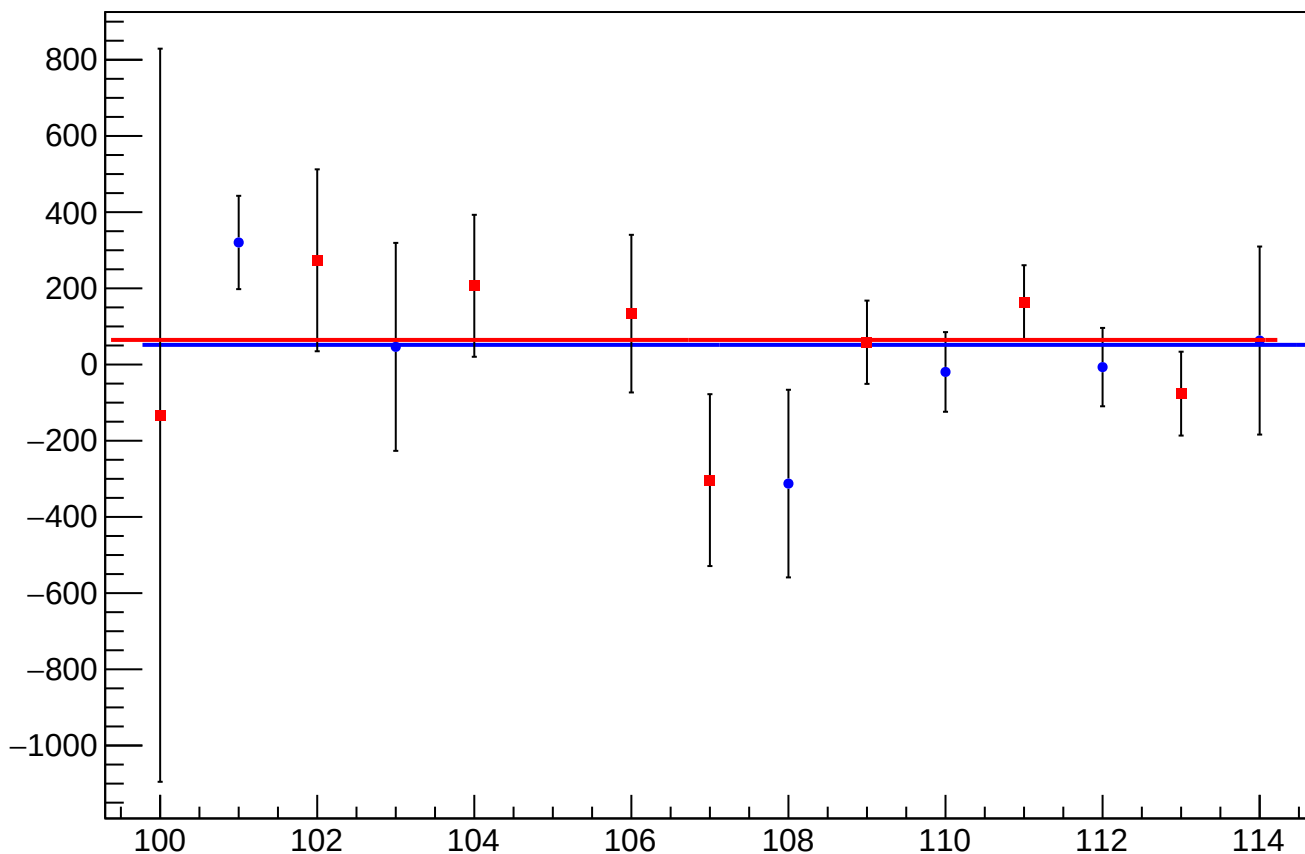
Right: 609.162+/-0.182 χ^2/NDF : 304895.0/13

In: 655.879+/-0.288 χ^2/NDF : 37855.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.162+/-0.182 χ^2/NDF : 304895.0/13

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 51.684 $\pm$ 57.832 χ^2 /NDF: 7.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.629 $\pm$ 52.639 χ^2 /NDF: 6.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

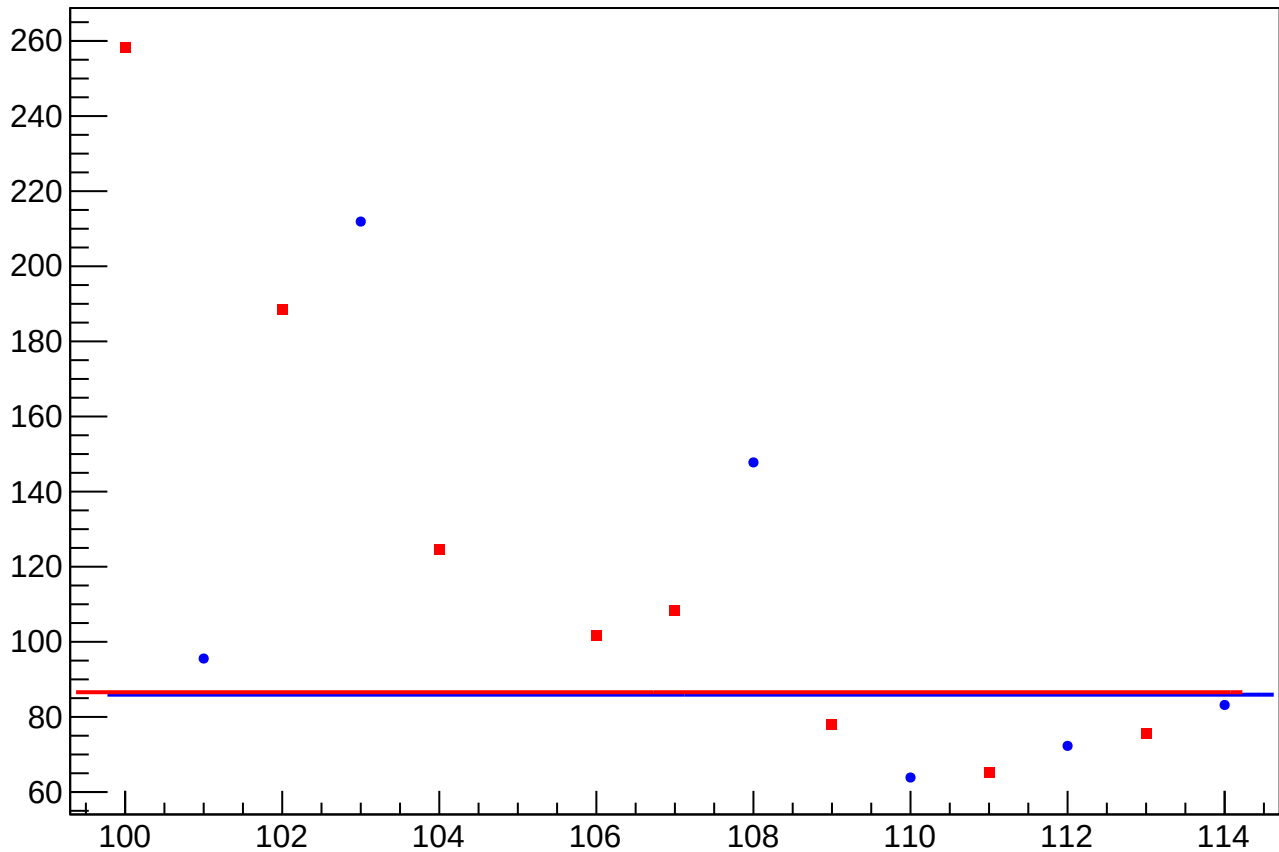
Right: 58.764 $\pm$ 38.928 χ^2 /NDF: 14.6/13

In: 51.684 $\pm$ 57.832 χ^2 /NDF:7.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.764 $\pm$ 38.928 χ^2 /NDF: 14.6/13

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 85.929 $\pm$ 0.041 χ^2 /NDF: 688978.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.581 $\pm$ 0.037 χ^2 /NDF: 667566.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

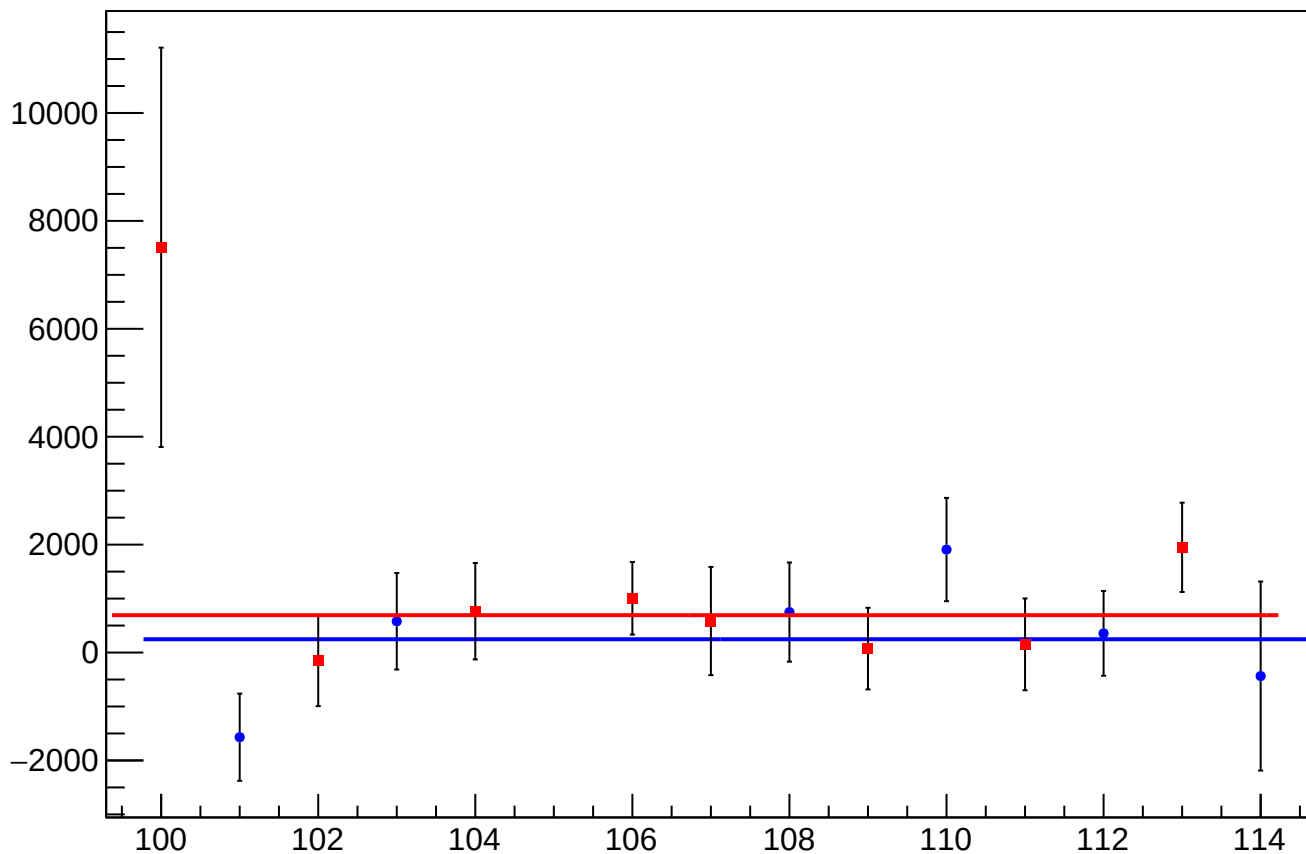
Right: 86.286 $\pm$ 0.028 χ^2 /NDF: 1356684.1/13

In: 85.929 $\pm$ 0.041 χ^2 /NDF:688978.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.286 $\pm$ 0.028 χ^2 /NDF: 1356684.1/13

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

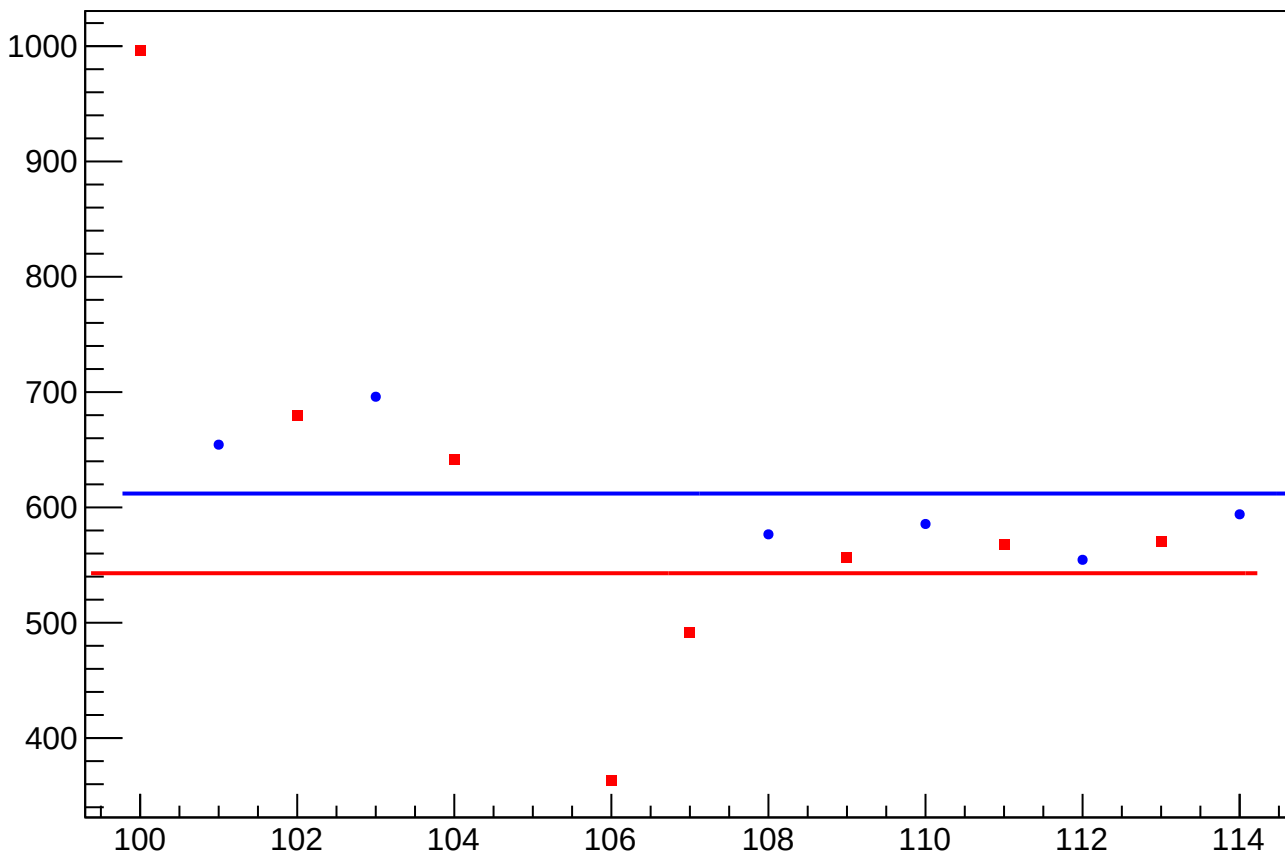
Right: 513.924+/-238.872 χ^2/NDF : 17.5/13

In: 246.427+/-377.825 χ^2/NDF :8.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 513.924+/-238.872 χ^2/NDF : 17.5/13

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

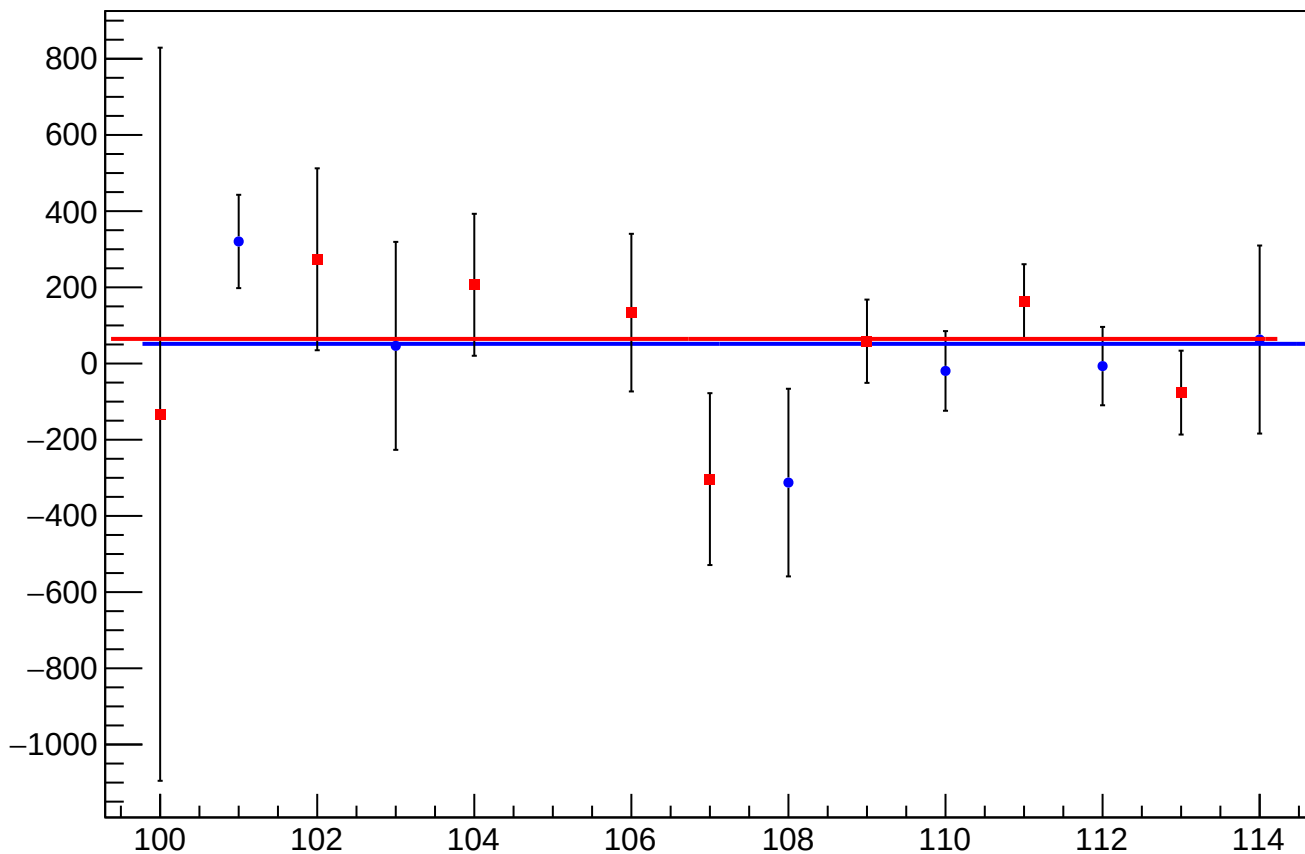
Right: 570.558 $\pm$ 0.169 χ^2 /NDF: 337605.3/13

In: 612.037 $\pm$ 0.267 χ^2 /NDF:38517.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 570.558 $\pm$ 0.169 χ^2 /NDF: 337605.3/13

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

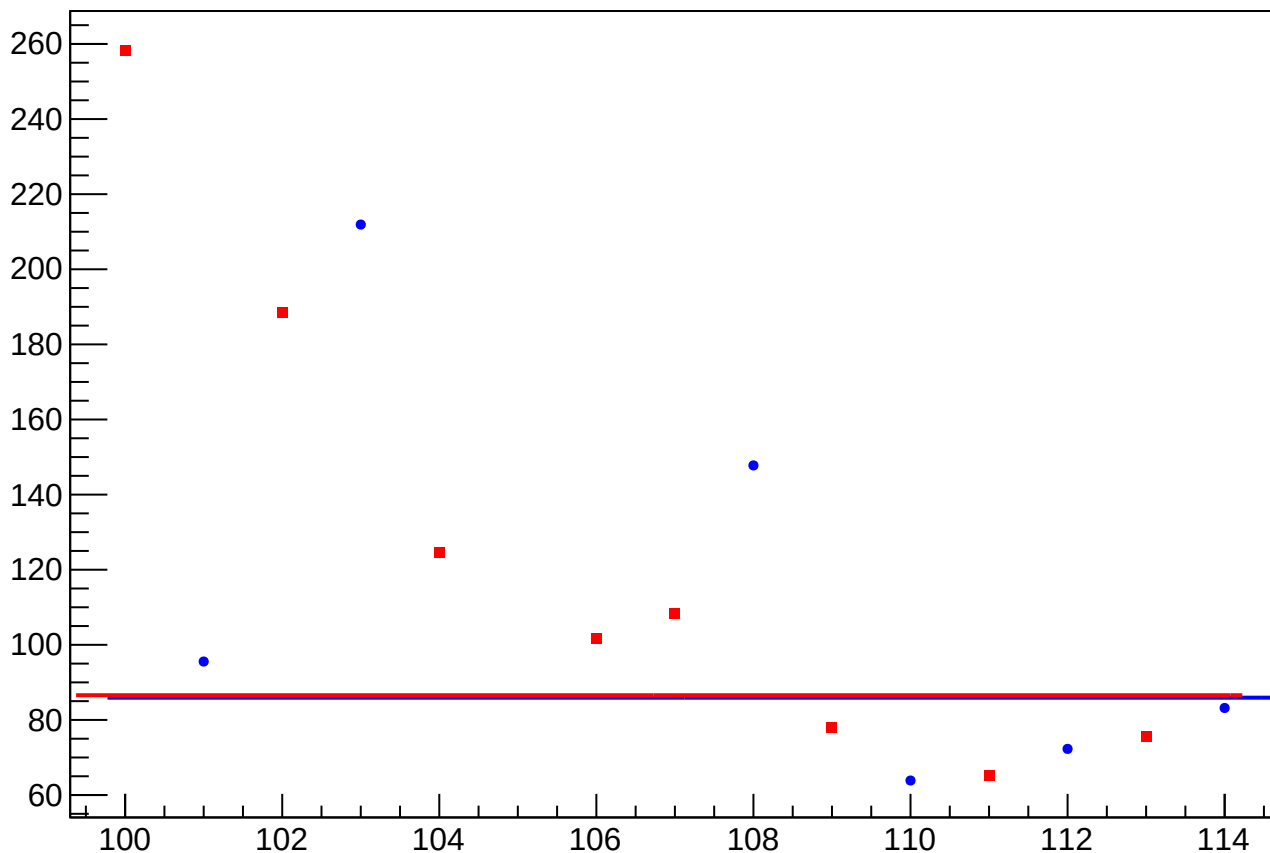
Right: 58.765+/-38.928 χ^2/NDF : 14.6/13

In: 51.686+/-57.832 χ^2/NDF : 7.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.765+/-38.928 χ^2/NDF : 14.6/13

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

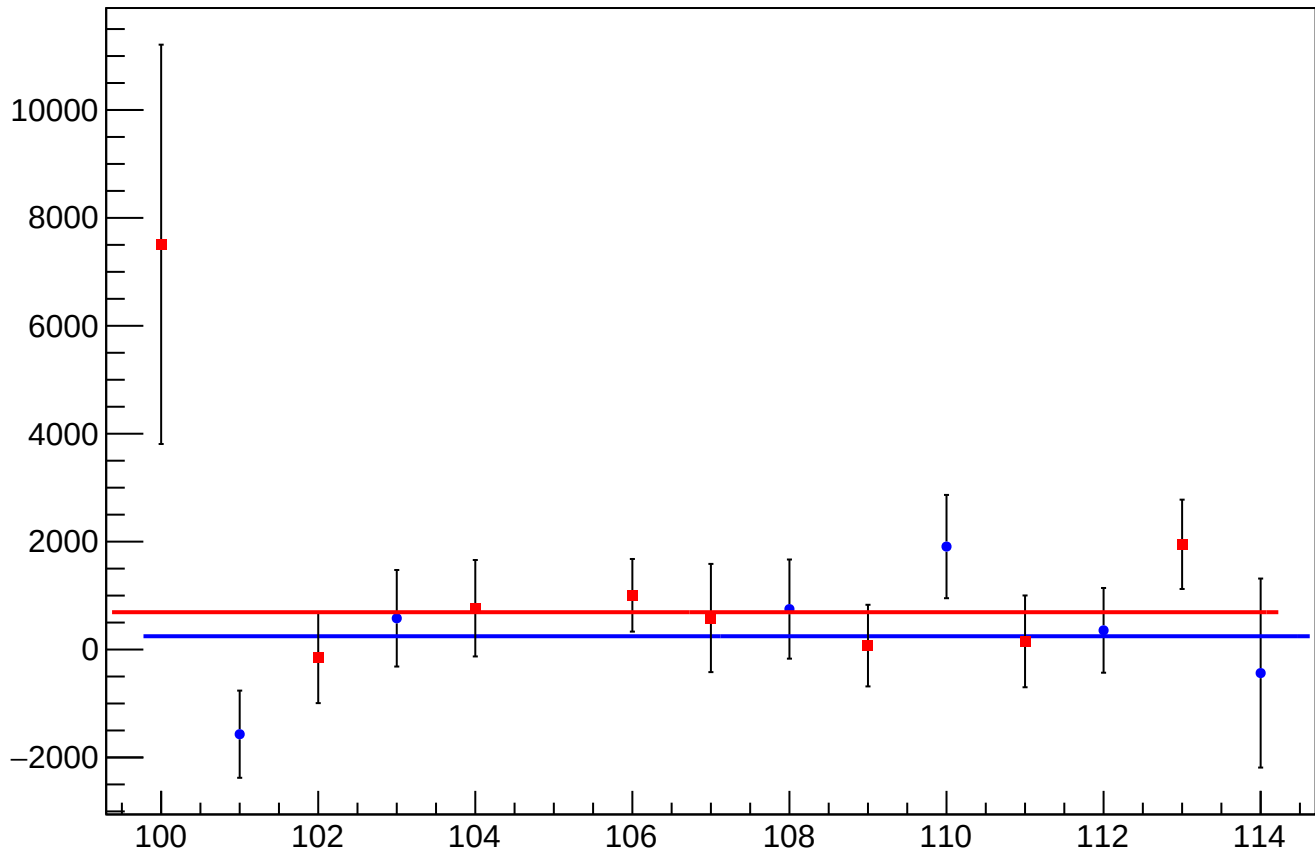
Right: 86.286+/-0.028 χ^2/NDF : 1356697.2/13

In: 85.929+/-0.041 χ^2/NDF : 688988.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.286+/-0.028 χ^2/NDF : 1356697.2/13

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 246.426+/-377.824 χ^2/NDF : 8.7/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 692.041+/-308.308 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

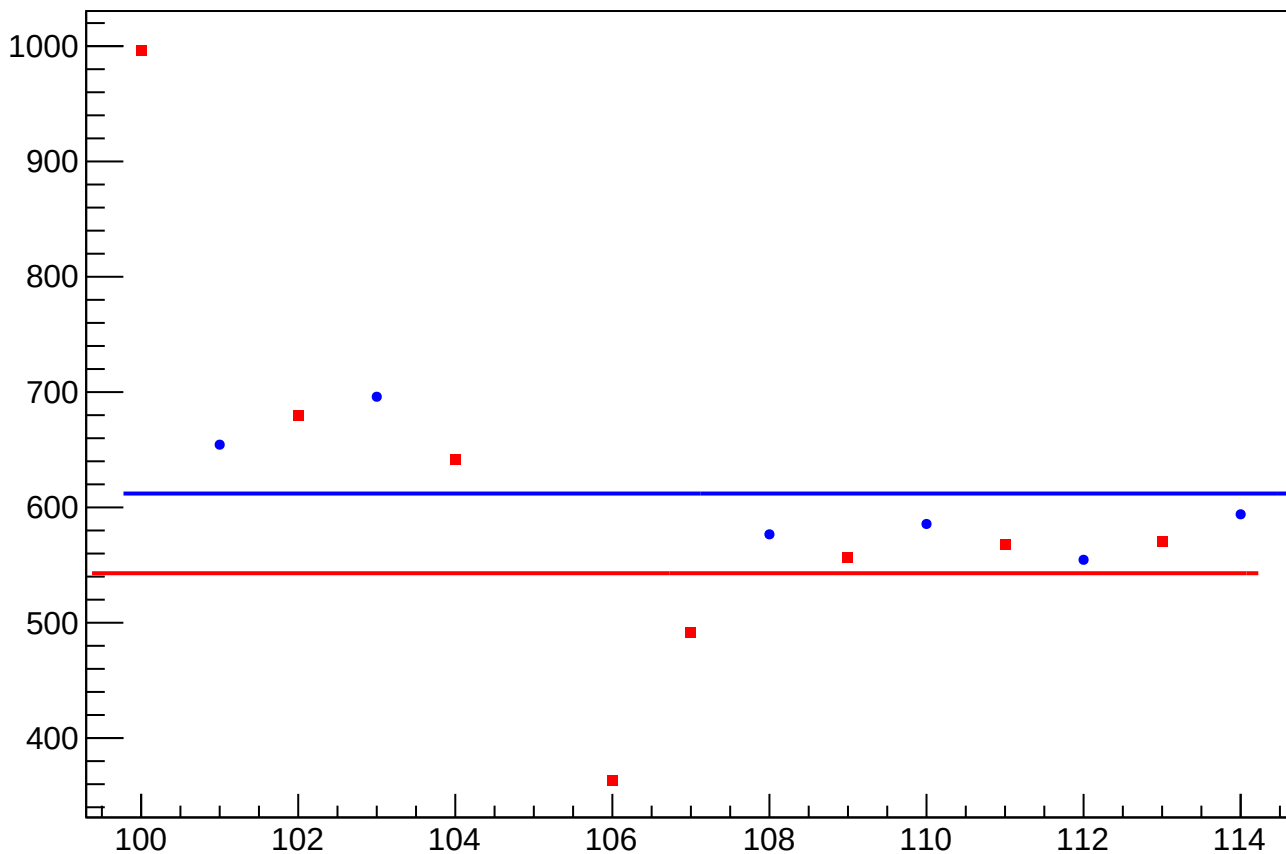
Right: 513.922+/-238.871 χ^2/NDF : 17.5/13

In: 246.426+/-377.824 χ^2/NDF :8.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 513.922+/-238.871 χ^2/NDF : 17.5/13

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.036+/-0.267 χ^2/NDF : 38514.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.938+/-0.218 χ^2/NDF : 258931.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

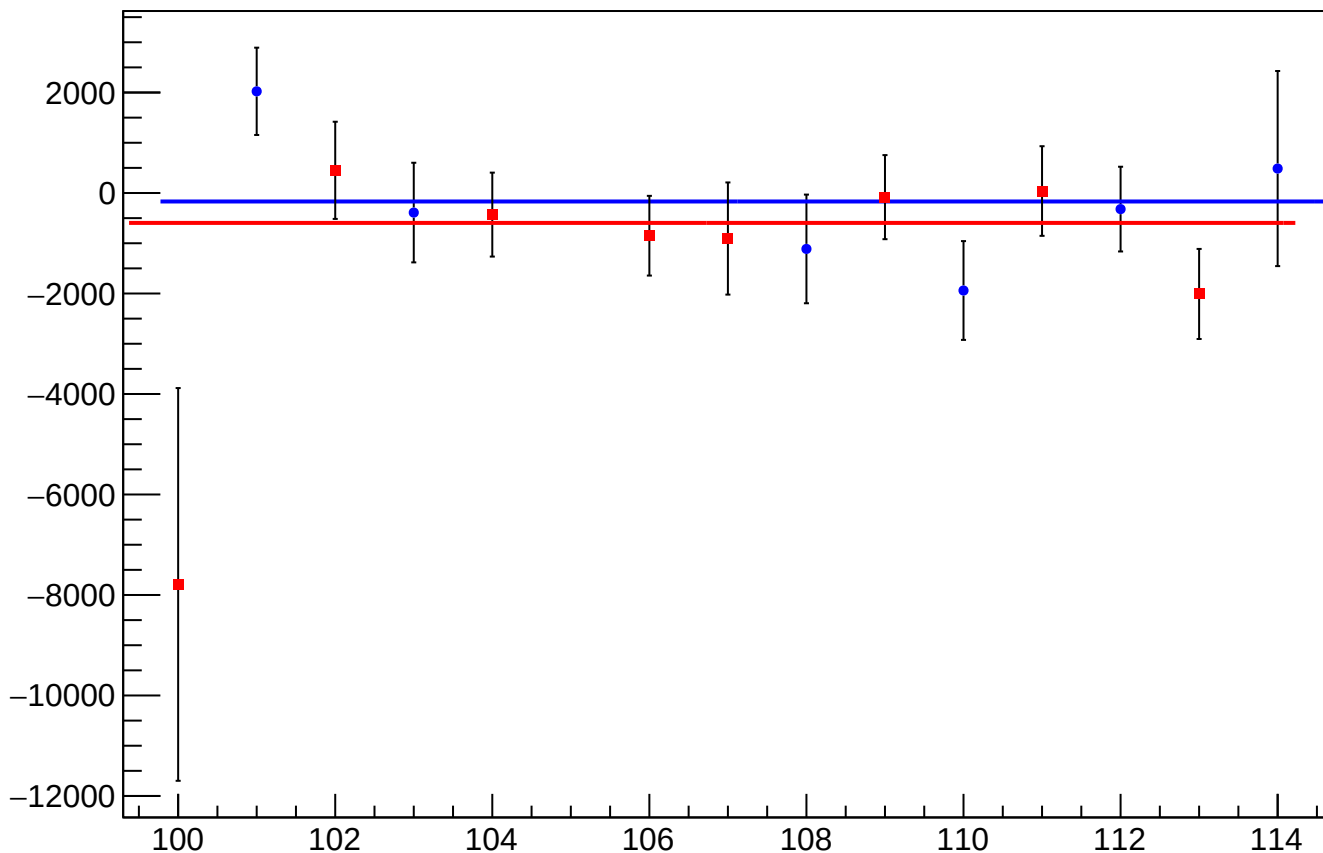
Right: 570.558+/-0.169 χ^2/NDF : 337600.9/13

In: 612.036+/-0.267 χ^2/NDF : 38514.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.558+/-0.169 χ^2/NDF : 337600.9/13

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

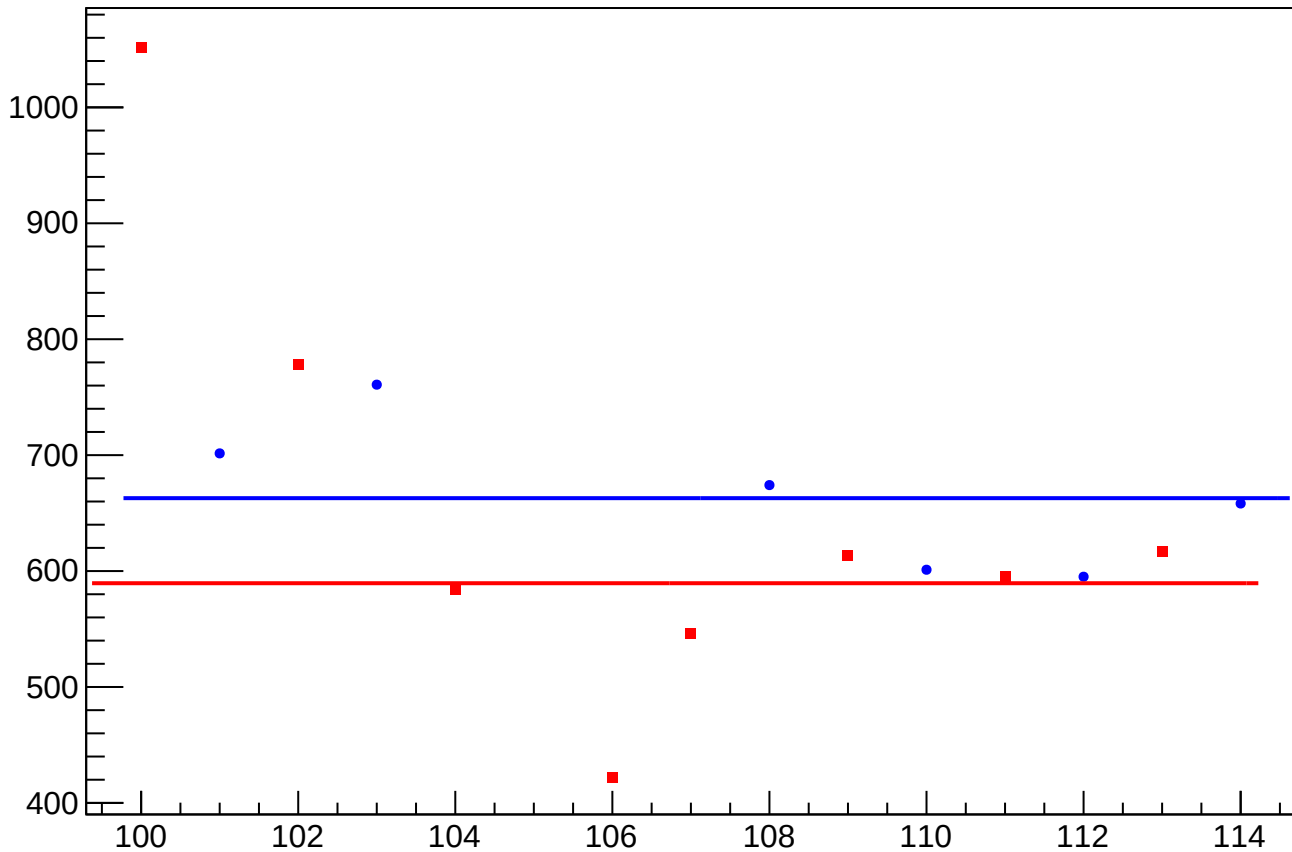
Right: -424.882 ± 259.991 χ^2/NDF : 19.4/13

In: -168.652 ± 411.555 χ^2/NDF : 10.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -424.882 ± 259.991 χ^2/NDF : 19.4/13

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

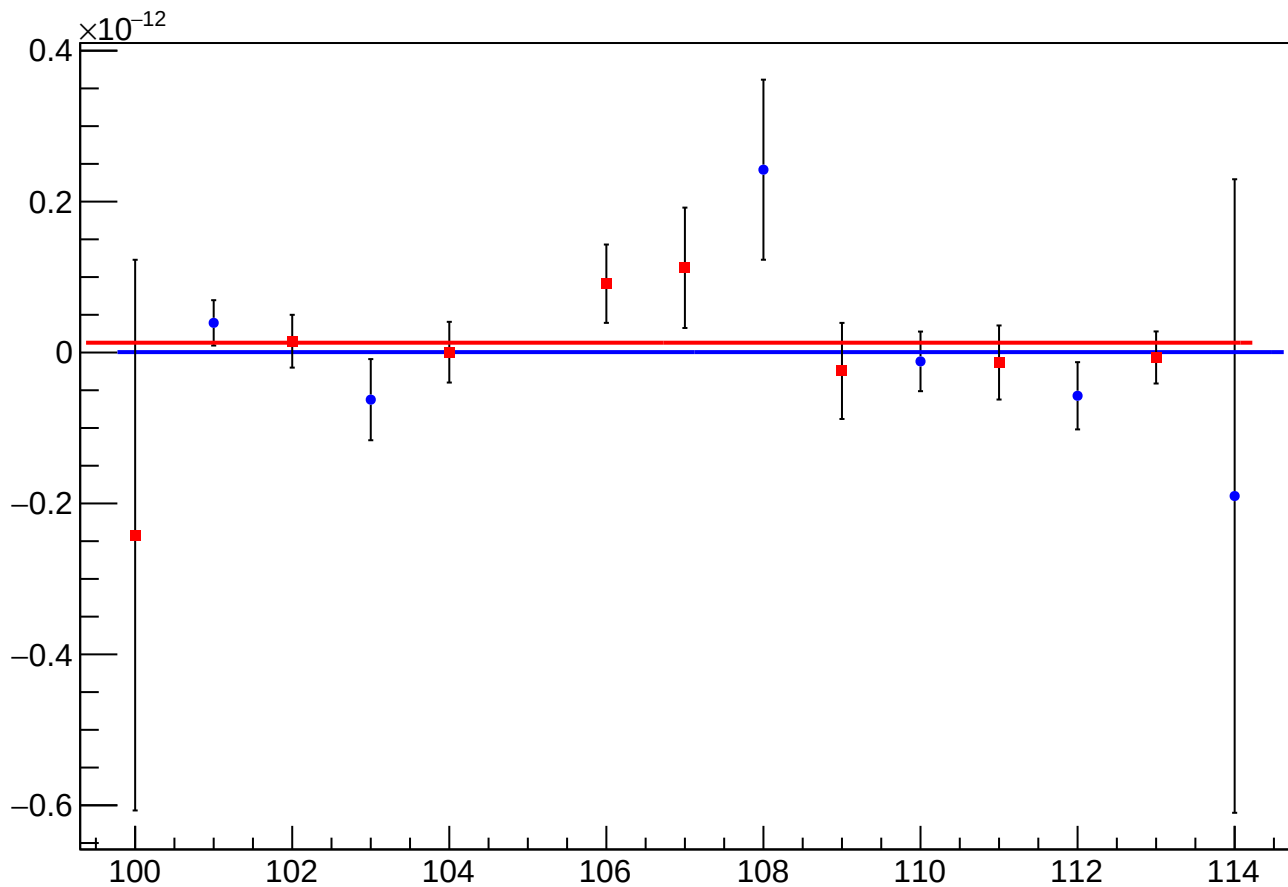
Right: 618.797 $\pm$ 0.184 χ^2 /NDF: 282397.4/13

In: 662.889 $\pm$ 0.291 χ^2 /NDF: 44498.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 618.797 $\pm$ 0.184 χ^2 /NDF: 282397.4/13

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

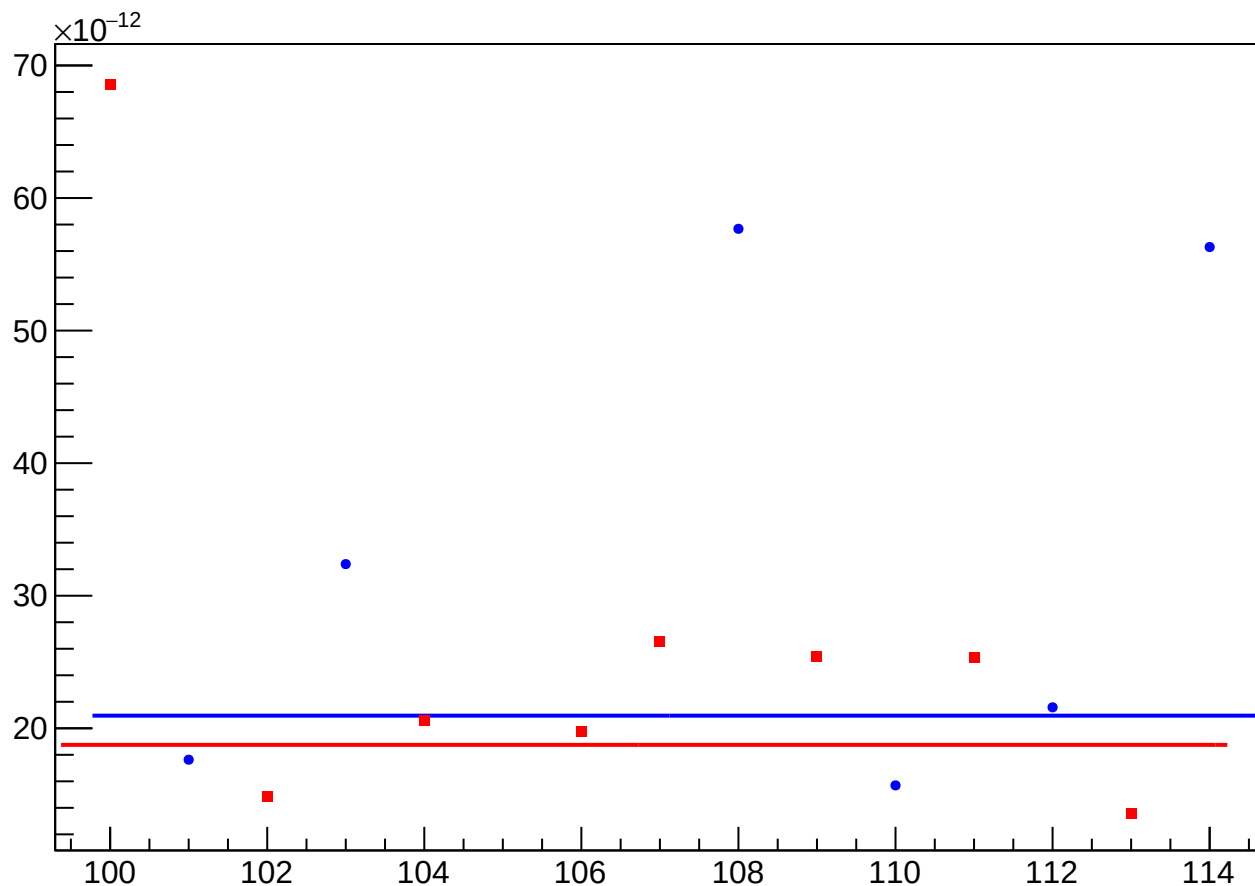
Right: 0.000+/-0.000 χ^2/NDF : 14.7/13

In: 0.000+/-0.000 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/13

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

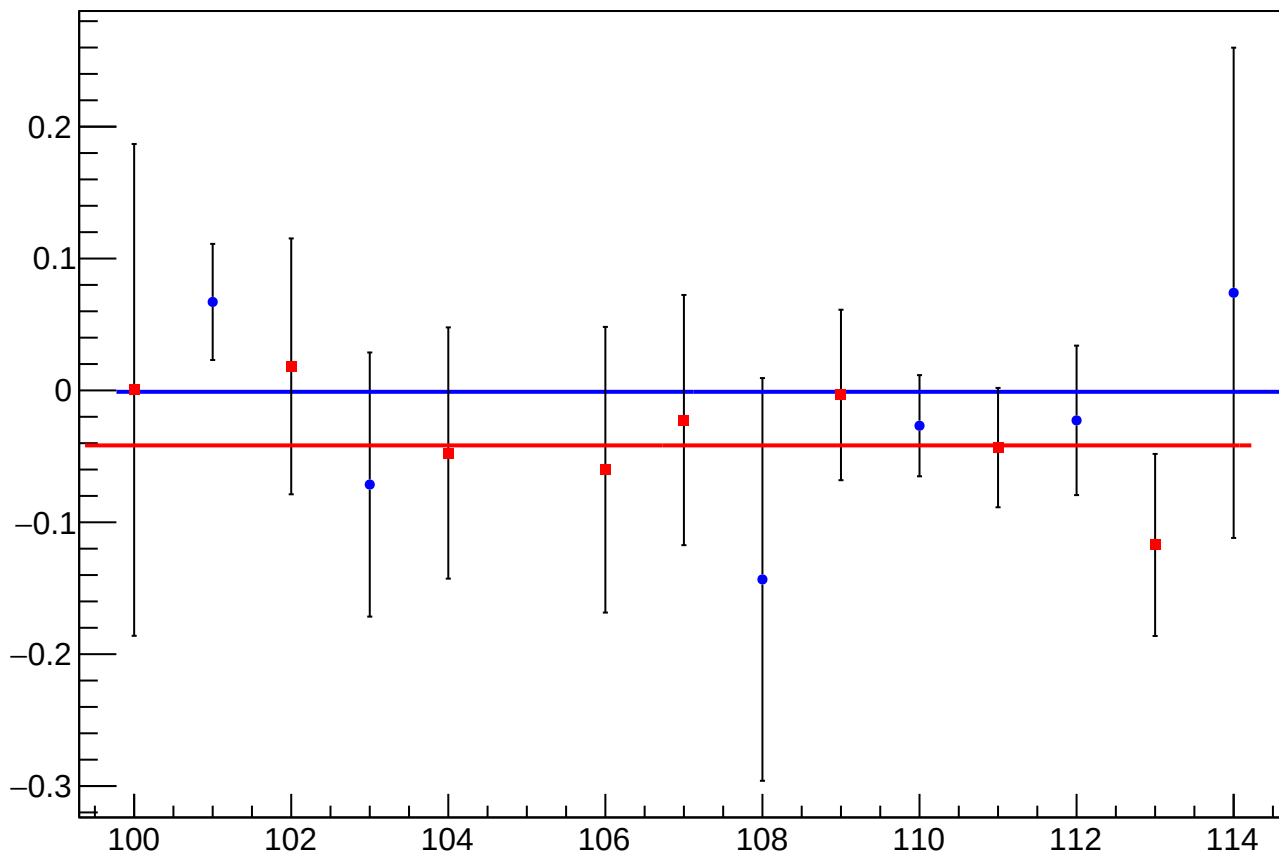
Right: 0.000+/-0.000 χ^2/NDF : 558200.6/13

In: 0.000+/-0.000 χ^2/NDF : 354378.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 558200.6/13

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

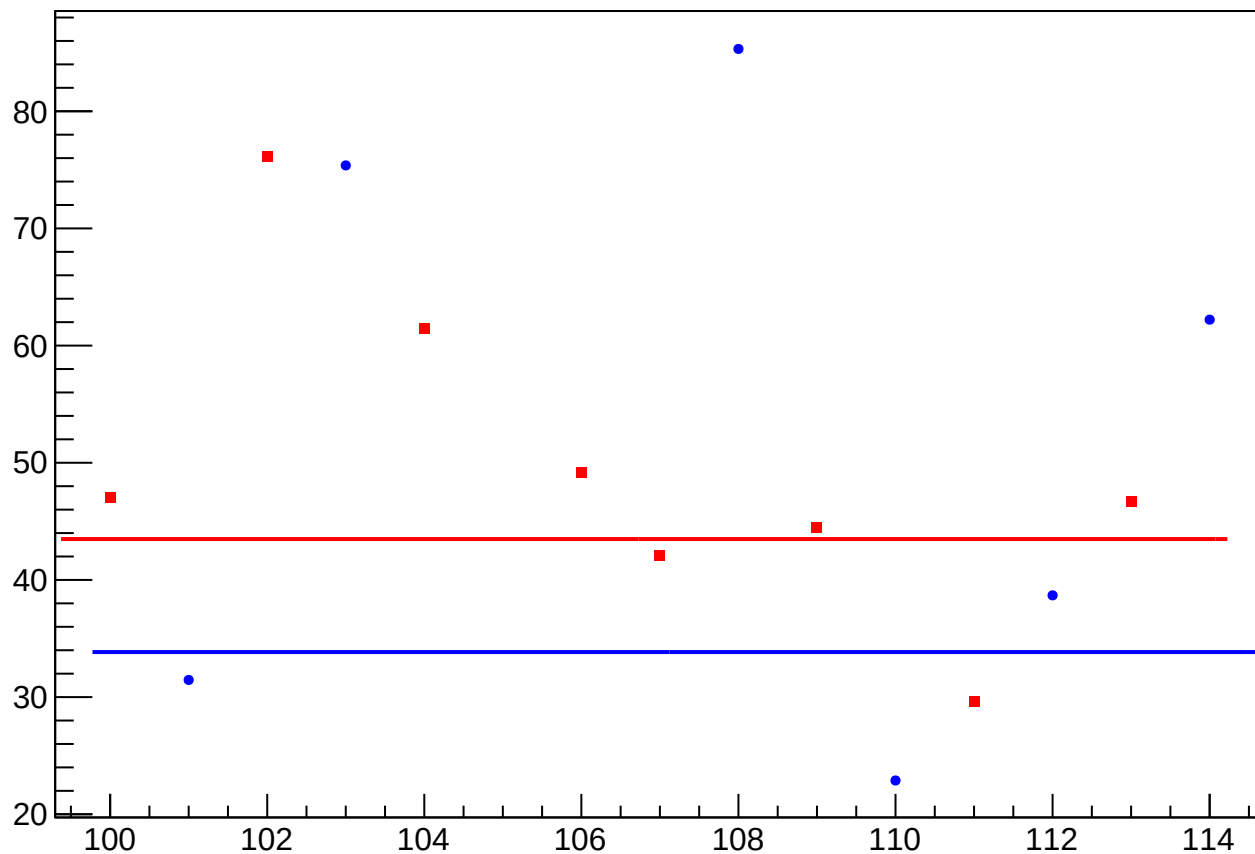
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

In: -0.001 $\pm$ 0.024 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

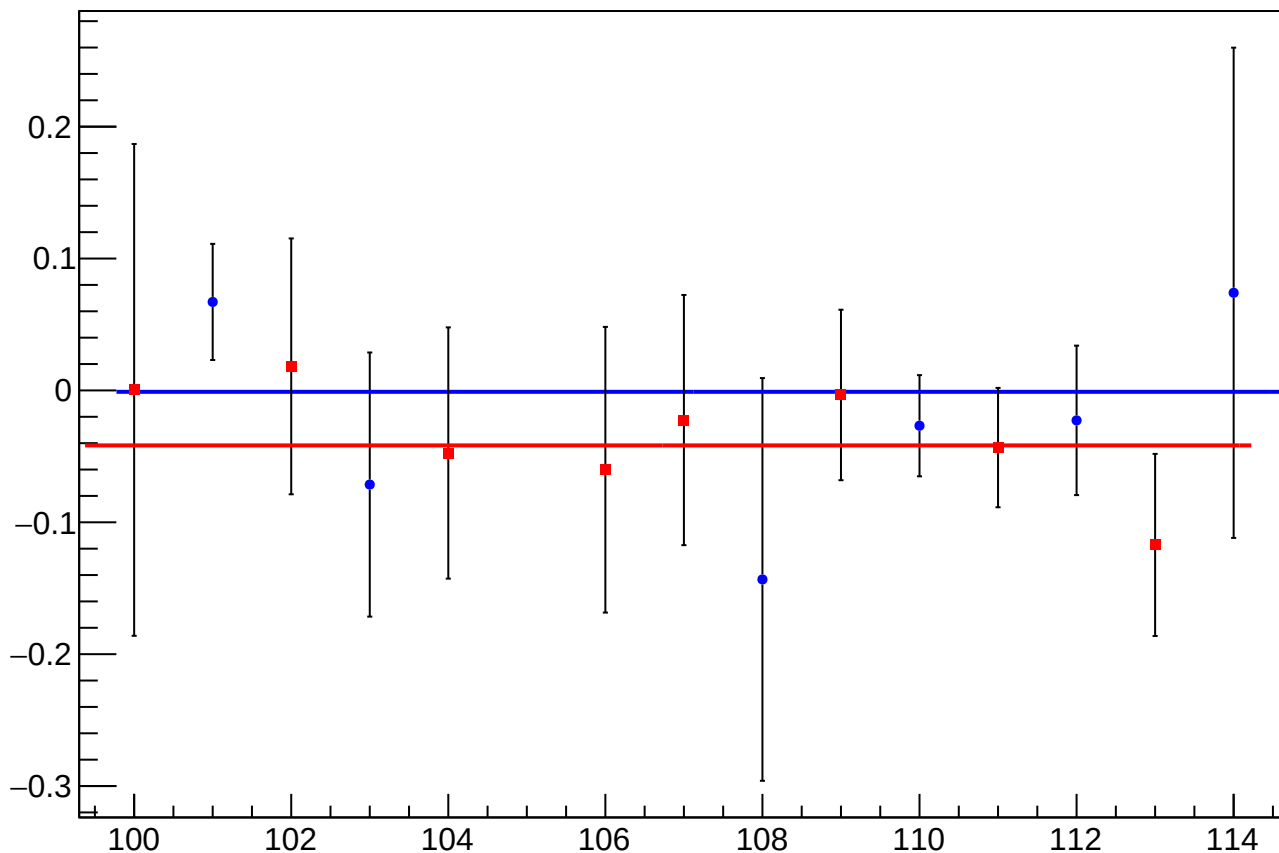
Right: 38.195+/-0.013 χ^2/NDF : 1439293.6/13

In: 33.845+/-0.017 χ^2/NDF : 801573.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.195+/-0.013 χ^2/NDF : 1439293.6/13

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

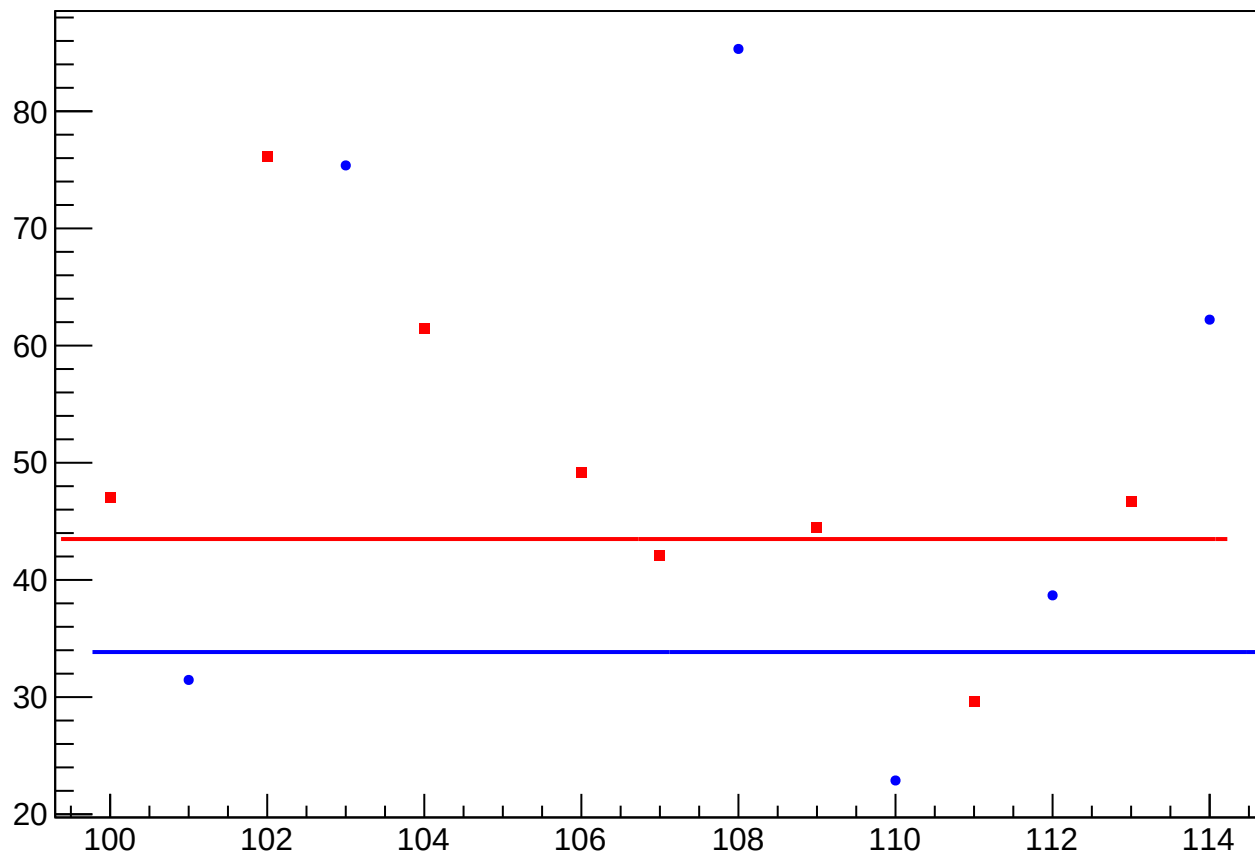
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

In: -0.001 $\pm$ 0.024 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

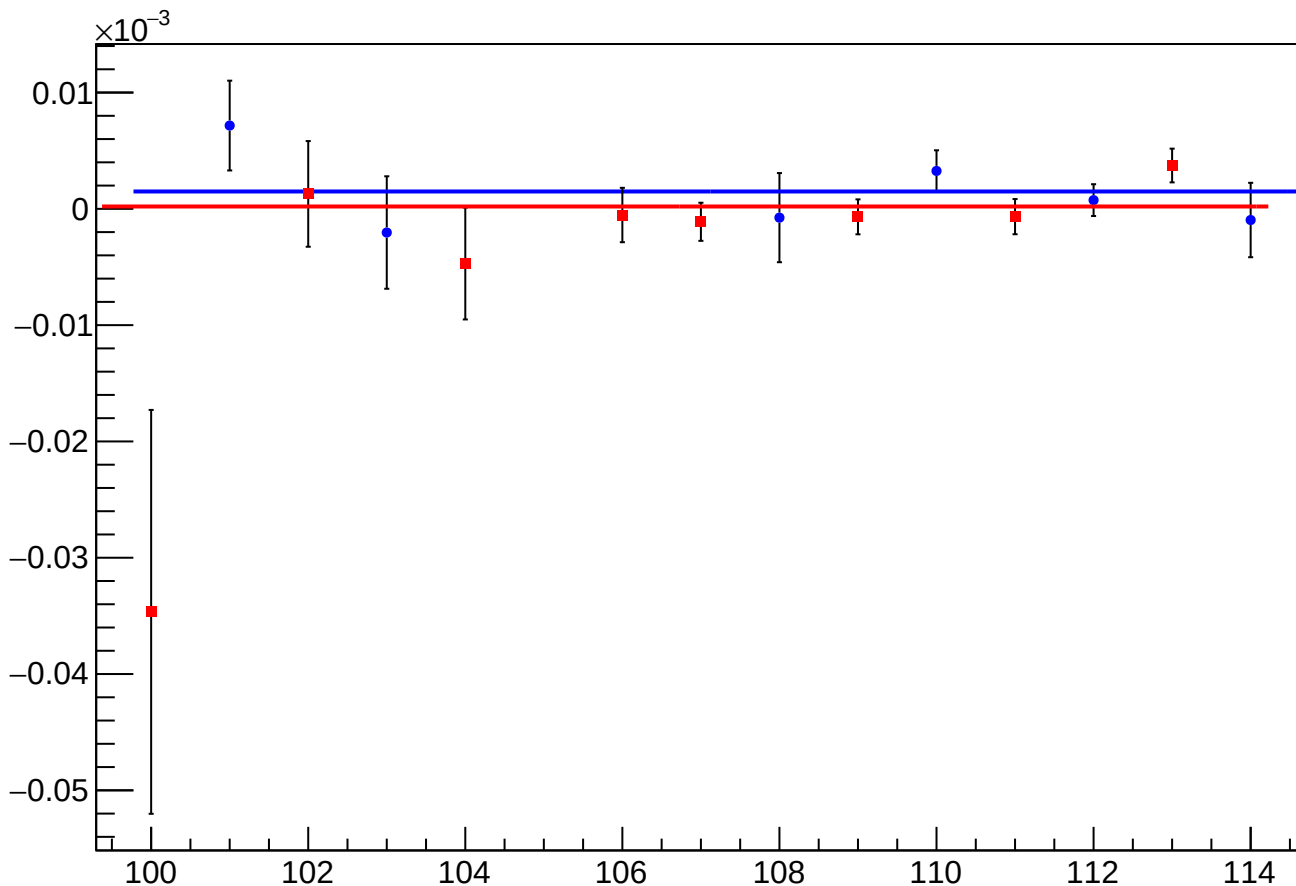
Right: 38.195+/-0.013 χ^2/NDF : 1439293.6/13

In: 33.845+/-0.017 χ^2/NDF : 801573.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.195+/-0.013 χ^2/NDF : 1439293.6/13

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 12.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

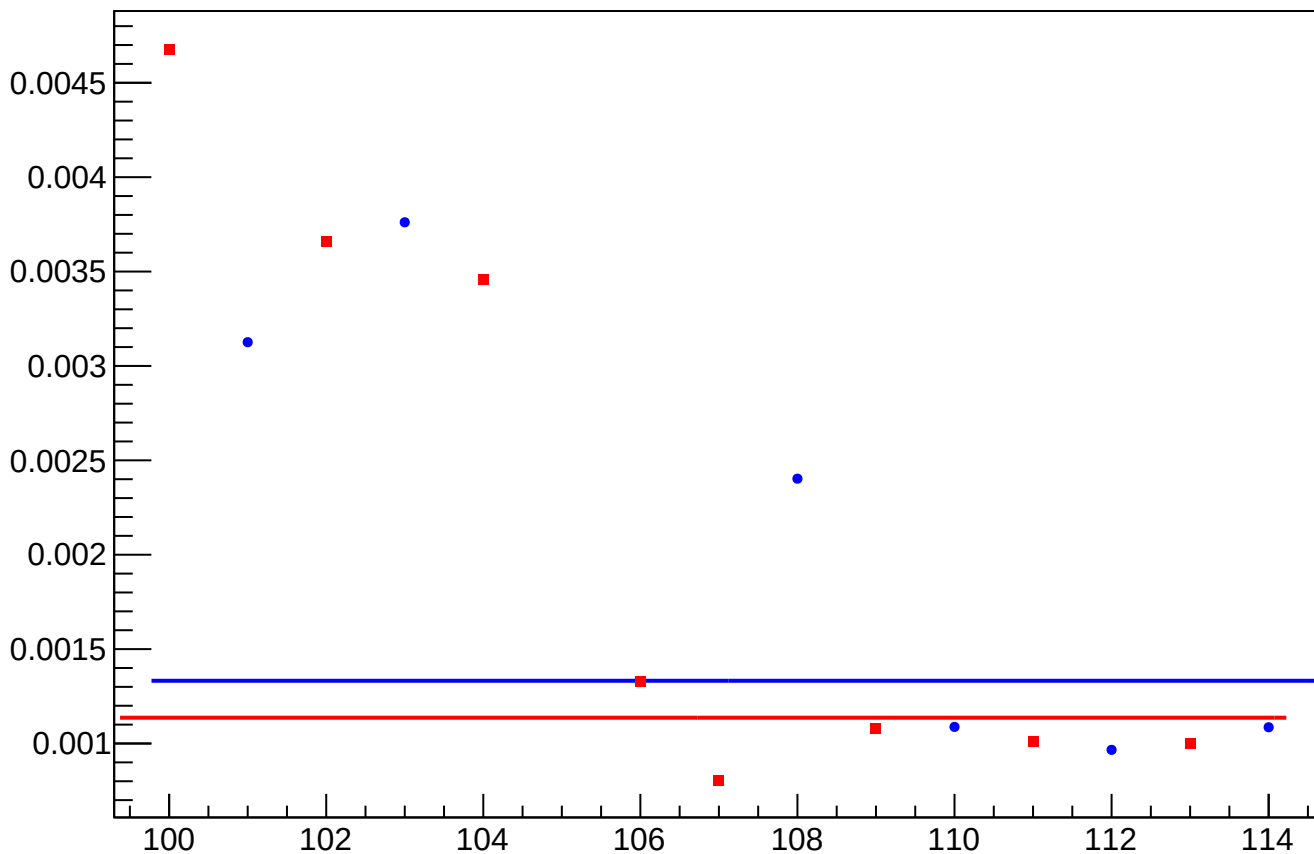
Right: 0.000+/-0.000 χ^2/NDF : 18.6/13

In: 0.000+/-0.000 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.6/13

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

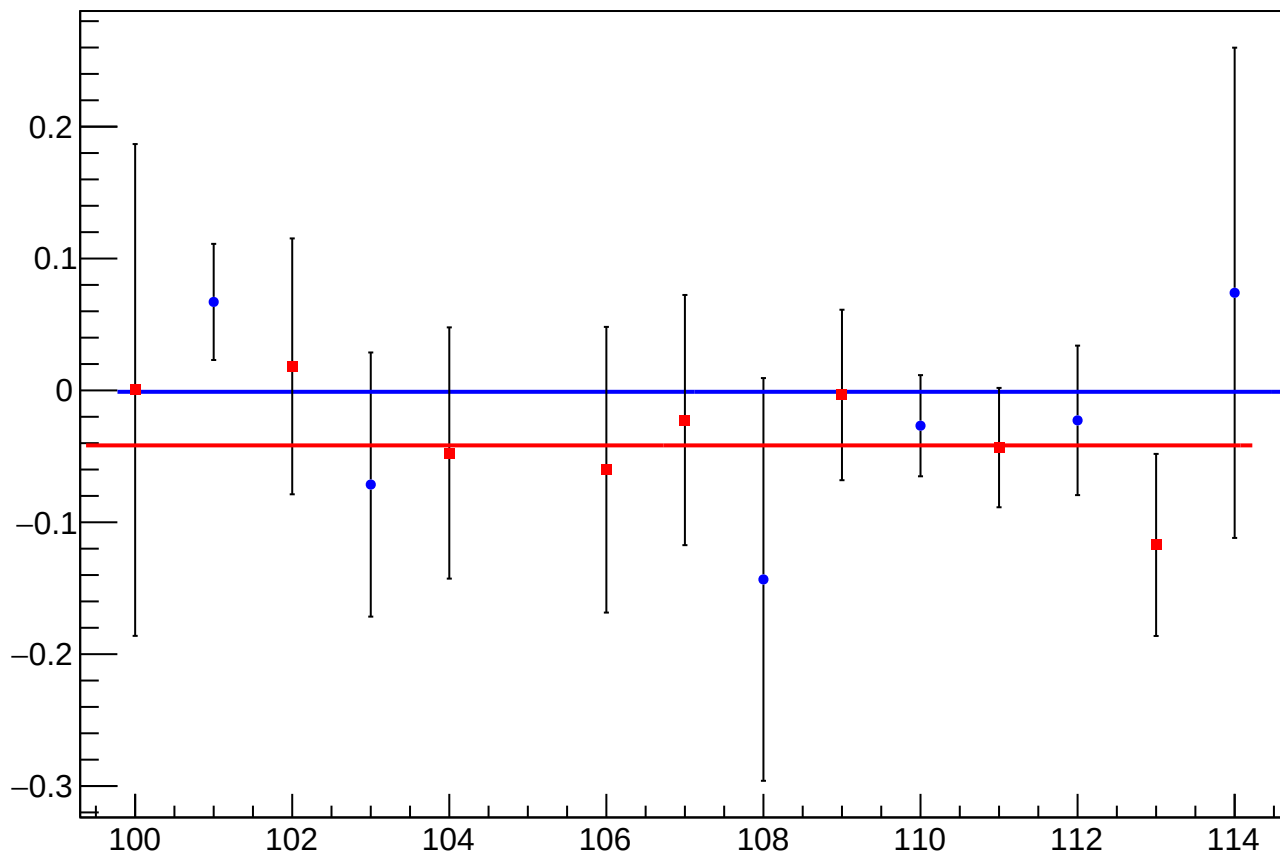
Right: 0.001+/-0.000 χ^2/NDF : 2635486.3/13

In: 0.001+/-0.000 χ^2/NDF :1285157.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2635486.3/13

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

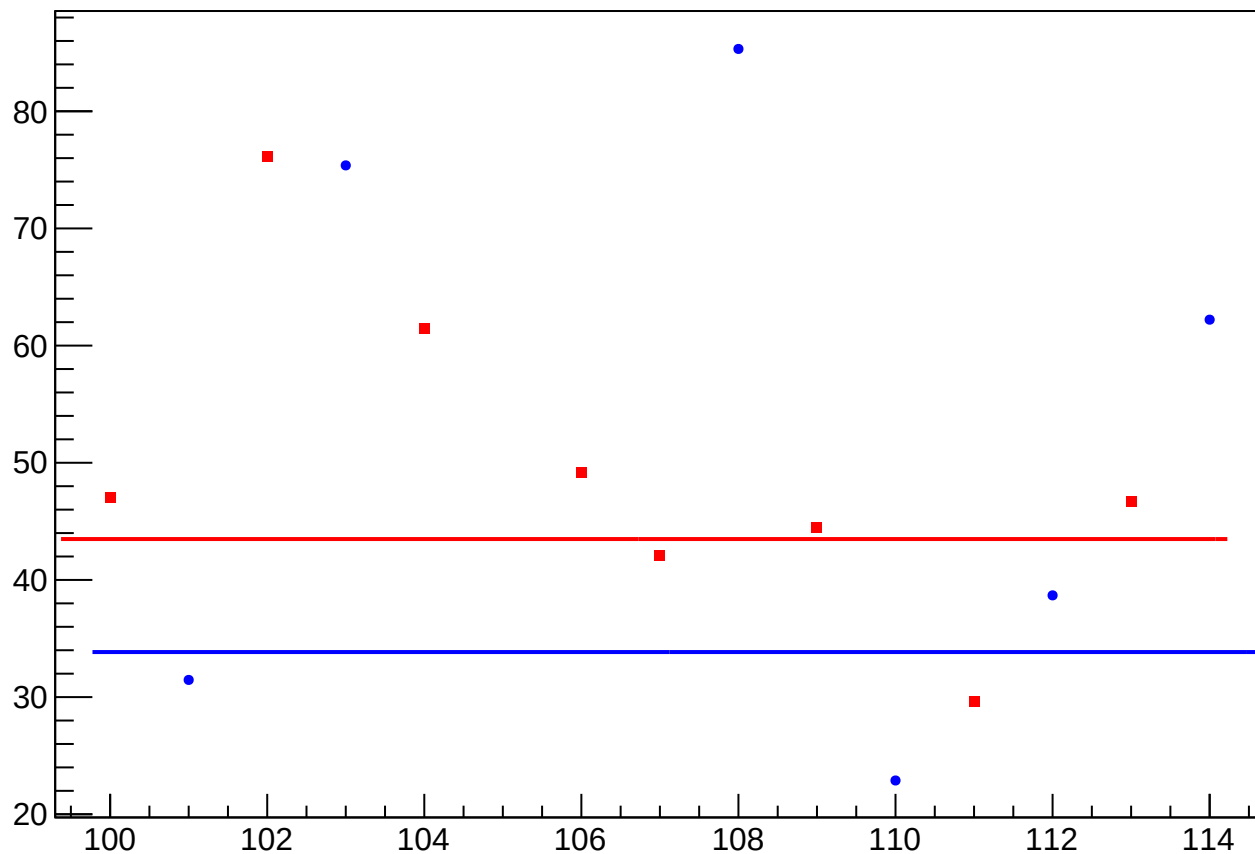
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

In: -0.001 $\pm$ 0.024 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

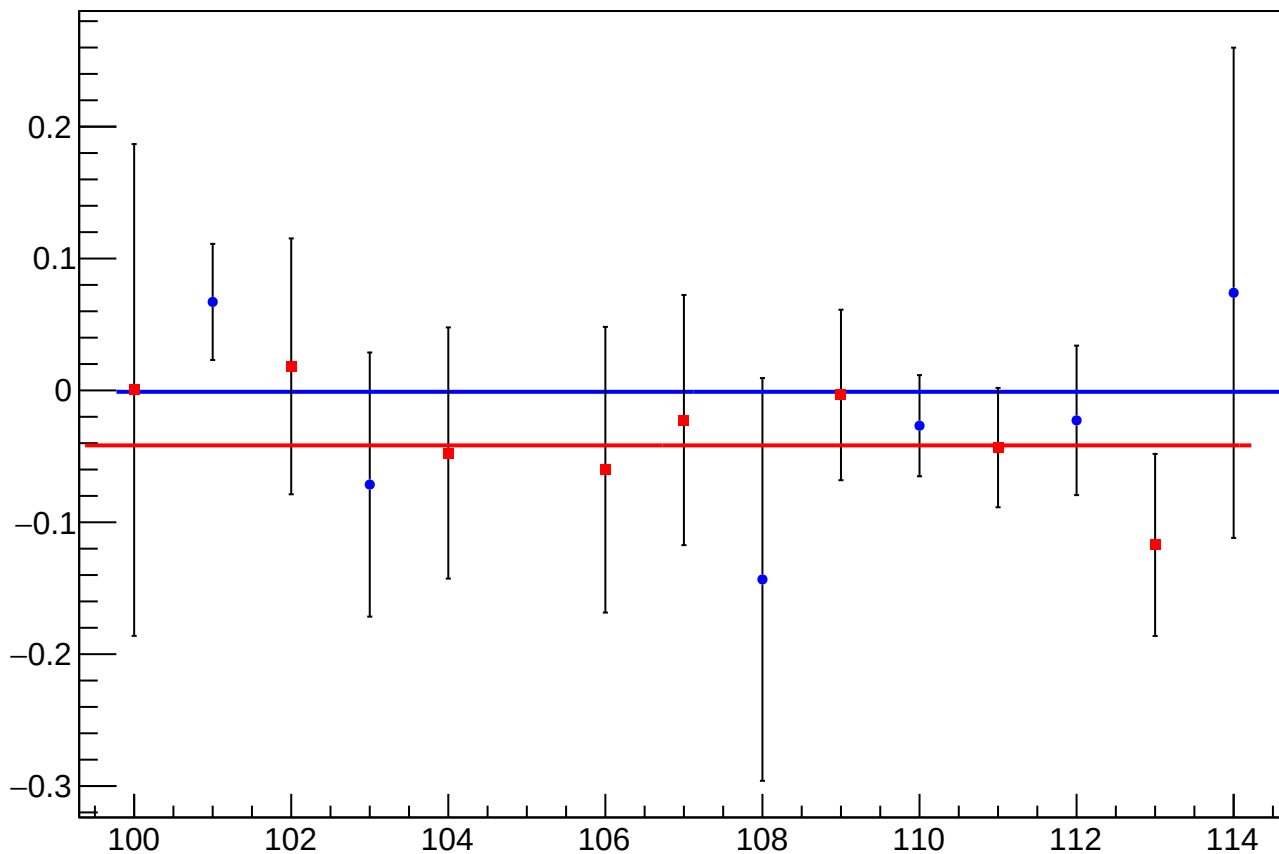
Right: 38.196+/-0.013 χ^2/NDF : 1439315.7/13

In: 33.845+/-0.017 χ^2/NDF :801593.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.196+/-0.013 χ^2/NDF : 1439315.7/13

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

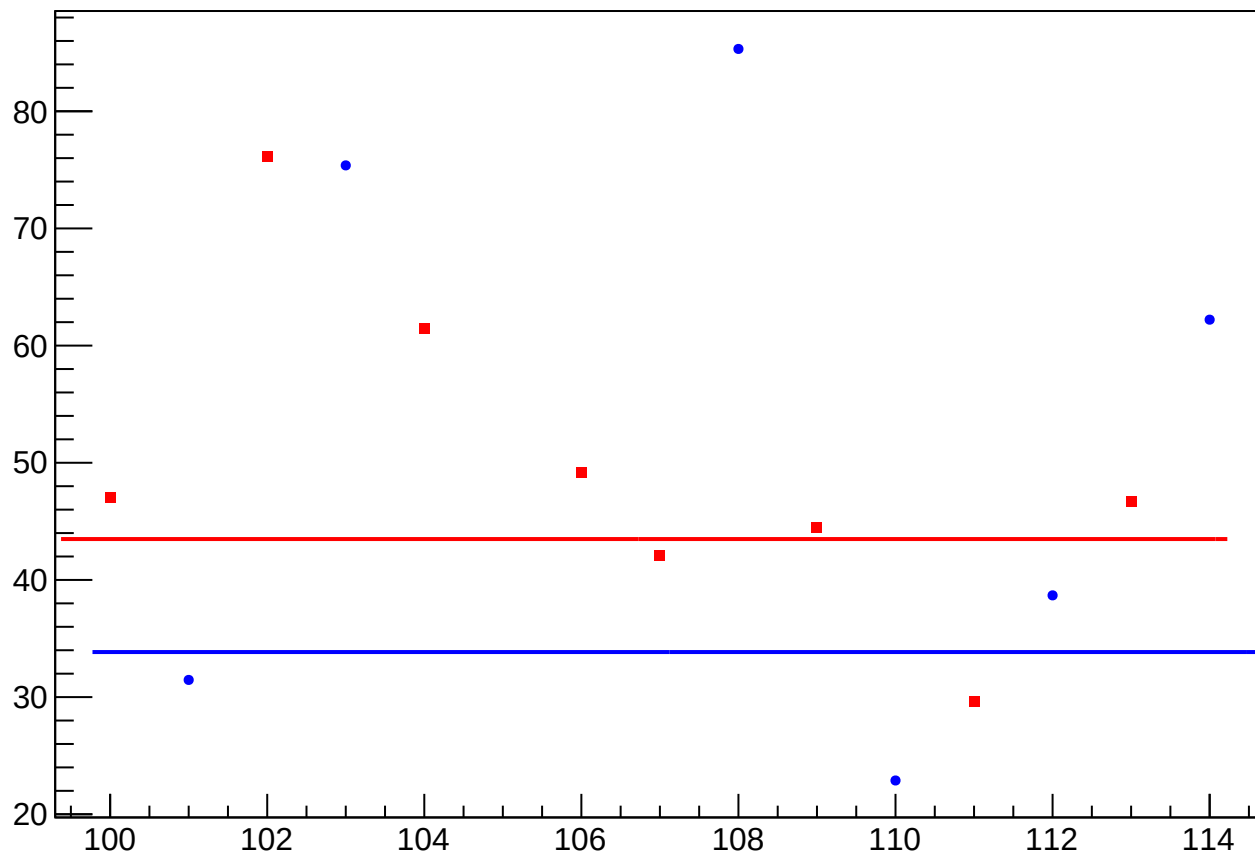
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

In: -0.001 $\pm$ 0.024 χ^2 /NDF:4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 7.8/13

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

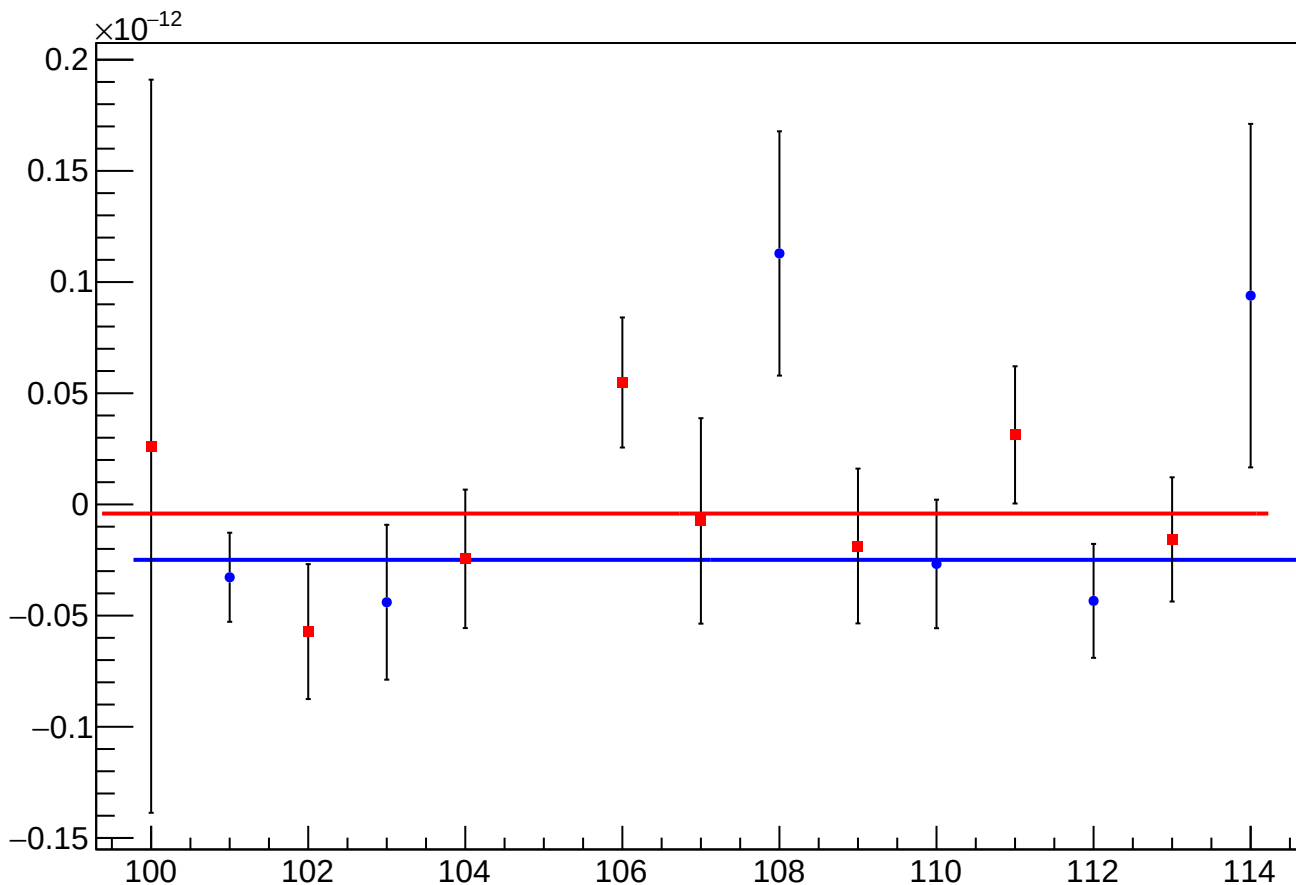
Right: 38.196+/-0.013 χ^2/NDF : 1439315.7/13

In: 33.845+/-0.017 χ^2/NDF : 801593.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.196+/-0.013 χ^2/NDF : 1439315.7/13

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

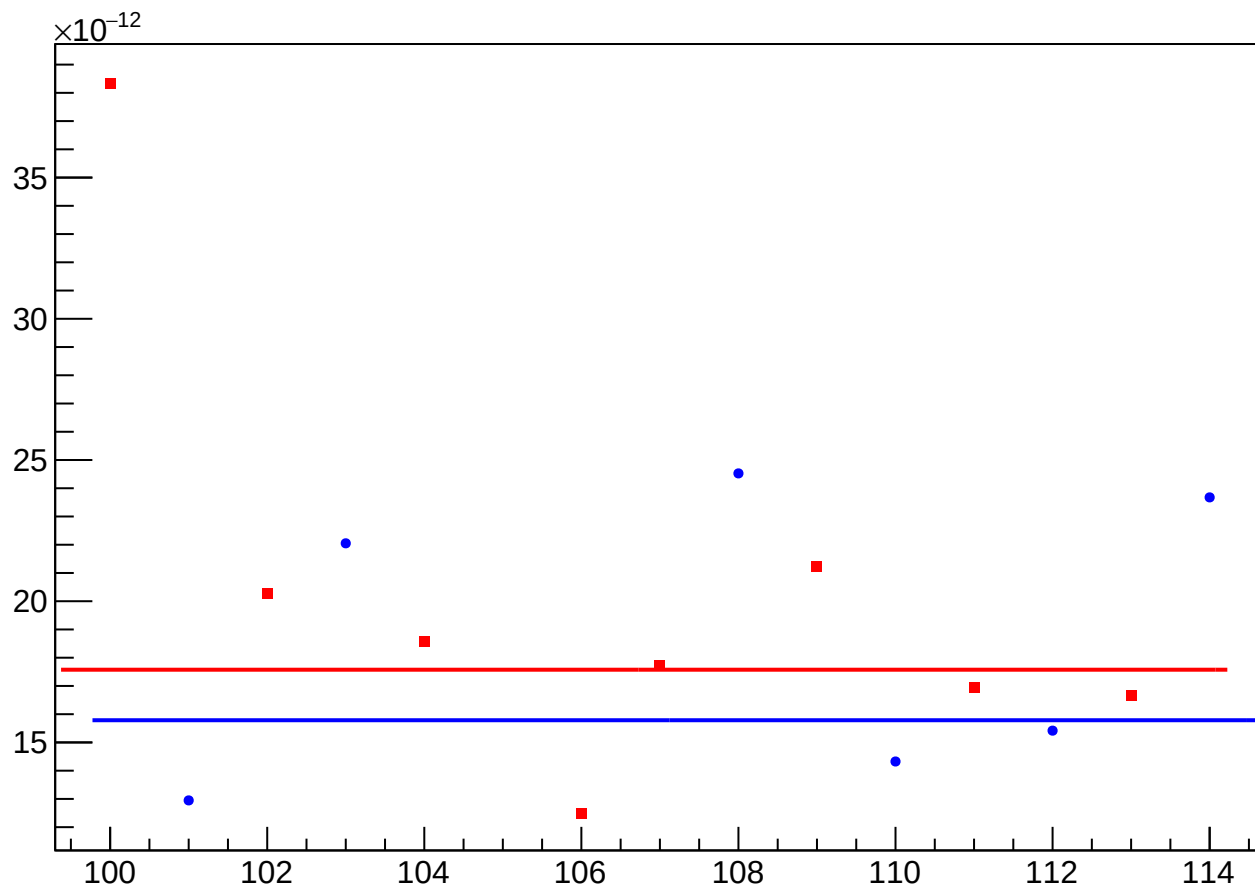
Right: -0.000+/-0.000 χ^2/NDF : 20.3/13

In: -0.000+/-0.000 χ^2/NDF : 9.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.3/13

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

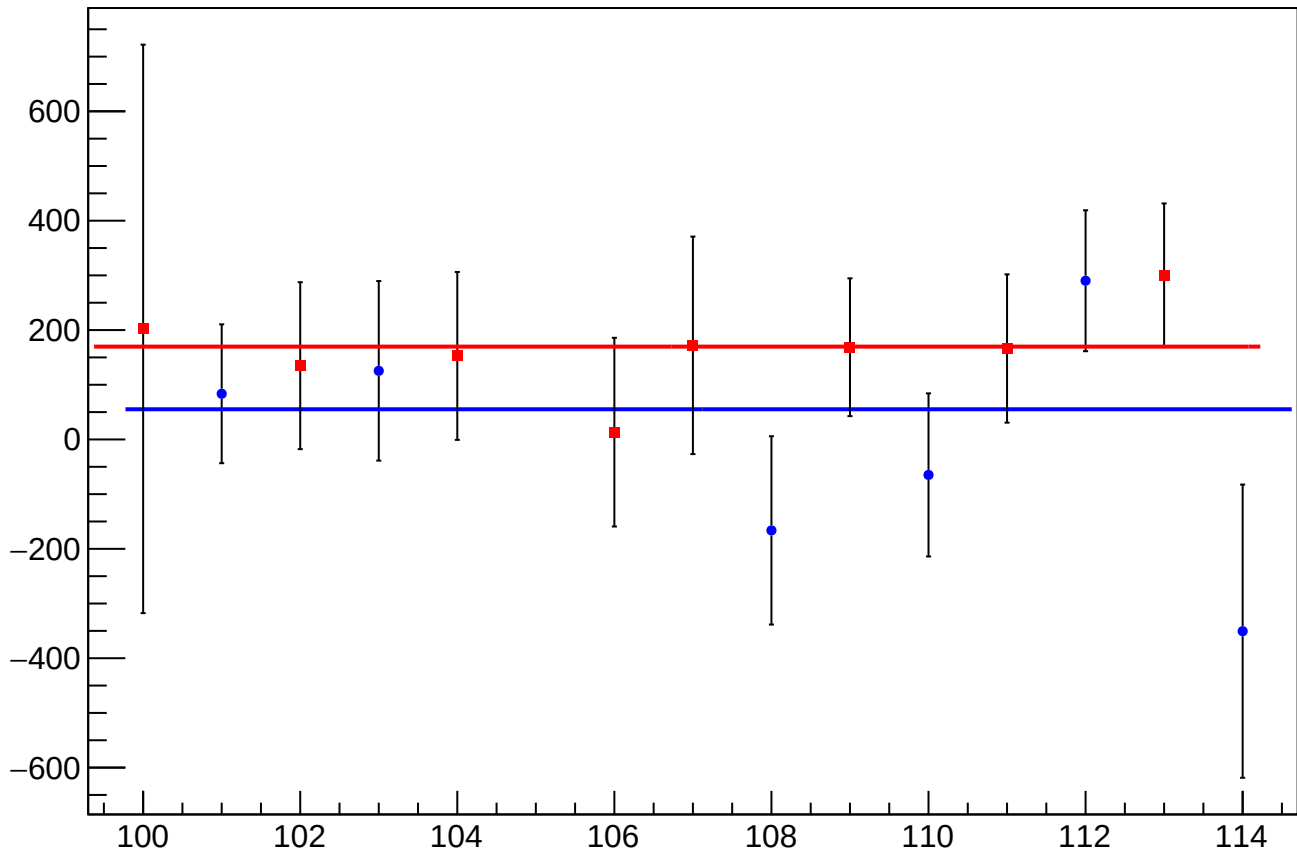
Right: 0.000+/-0.000 χ^2/NDF : 338330.7/13

In: 0.000+/-0.000 χ^2/NDF : 181893.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 338330.7/13

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

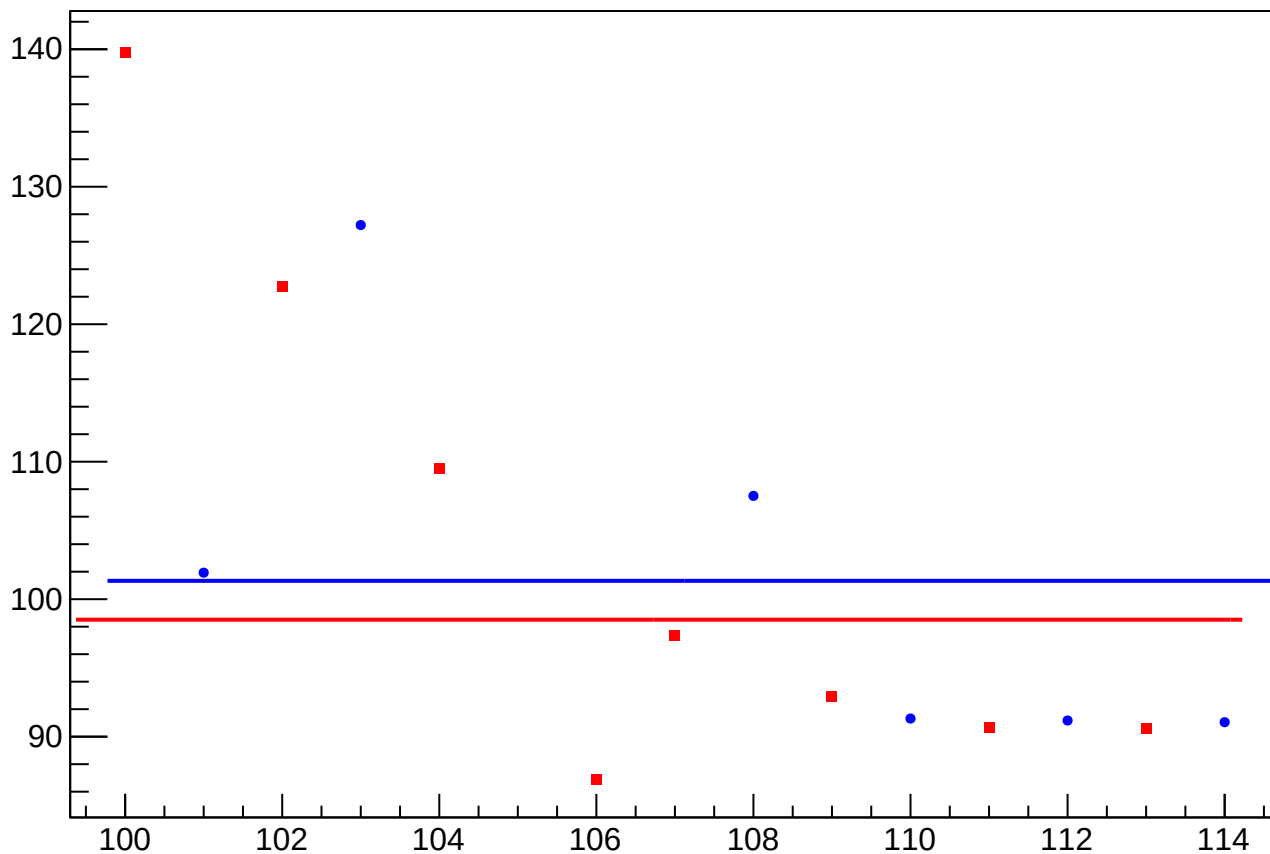
Right: 119.589+/-41.693 χ^2/NDF : 11.9/13

In: 55.199+/-62.995 χ^2/NDF : 8.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.589+/-41.693 χ^2/NDF : 11.9/13

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

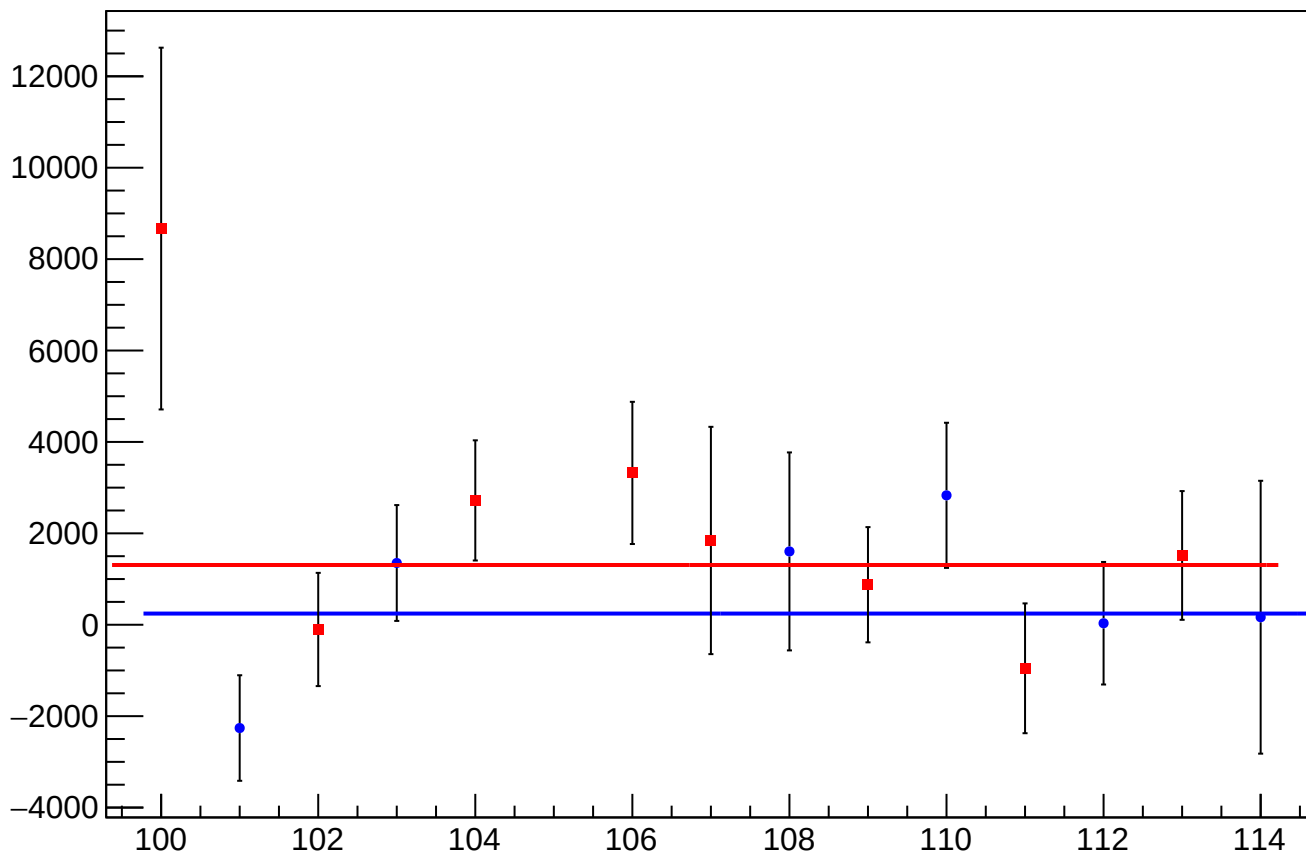
Right: 99.747 $\pm$ 0.029 χ^2 /NDF: 179231.2/13

In: 101.335 $\pm$ 0.045 χ^2 /NDF:76700.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.747 $\pm$ 0.029 χ^2 /NDF: 179231.2/13

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 244.685+/-614.178 χ^2/NDF : 8.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.473+/-534.677 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

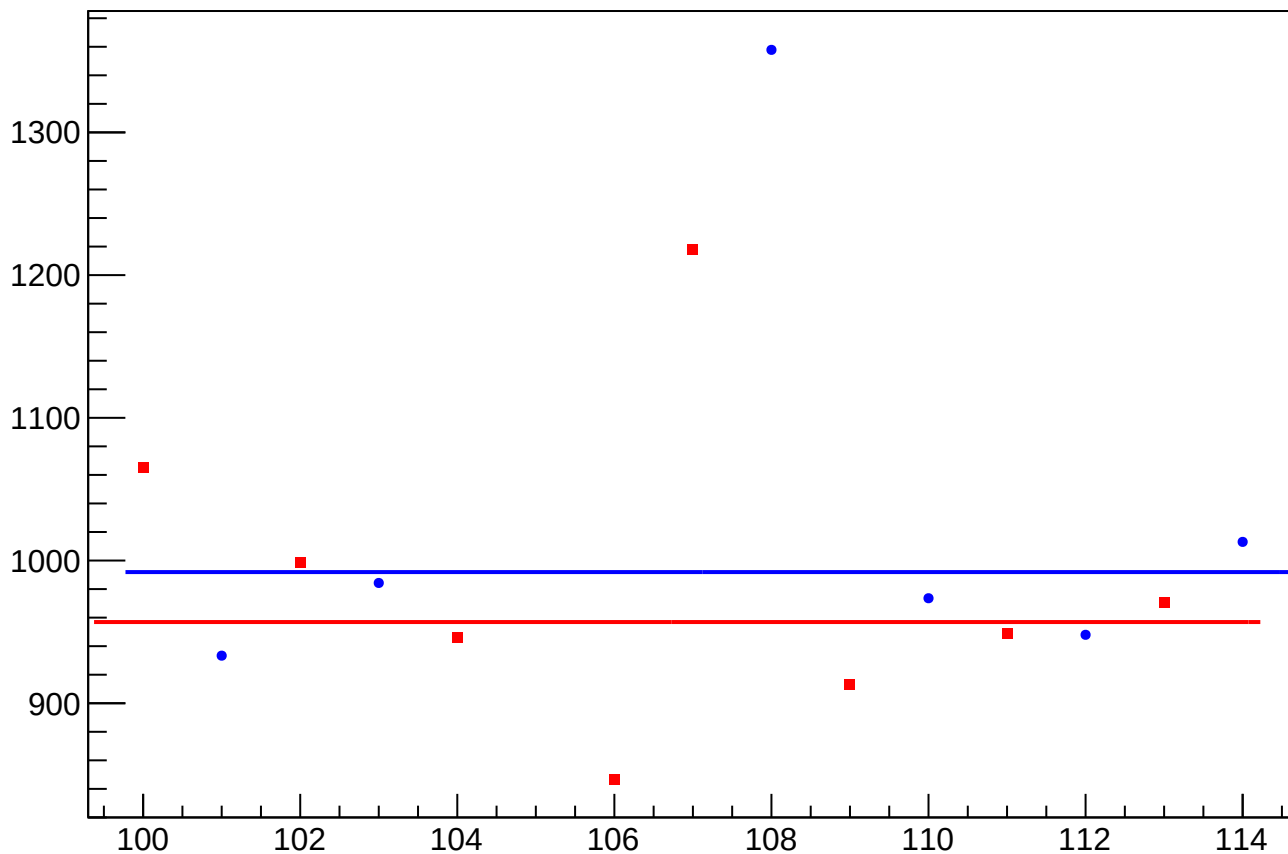
Right: 849.274+/-403.272 χ^2/NDF : 20.6/13

In: 244.685+/-614.178 χ^2/NDF : 8.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.274+/-403.272 χ^2/NDF : 20.6/13

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 991.914+/-0.434 χ^2/NDF : 64823.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.906+/-0.378 χ^2/NDF : 38592.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

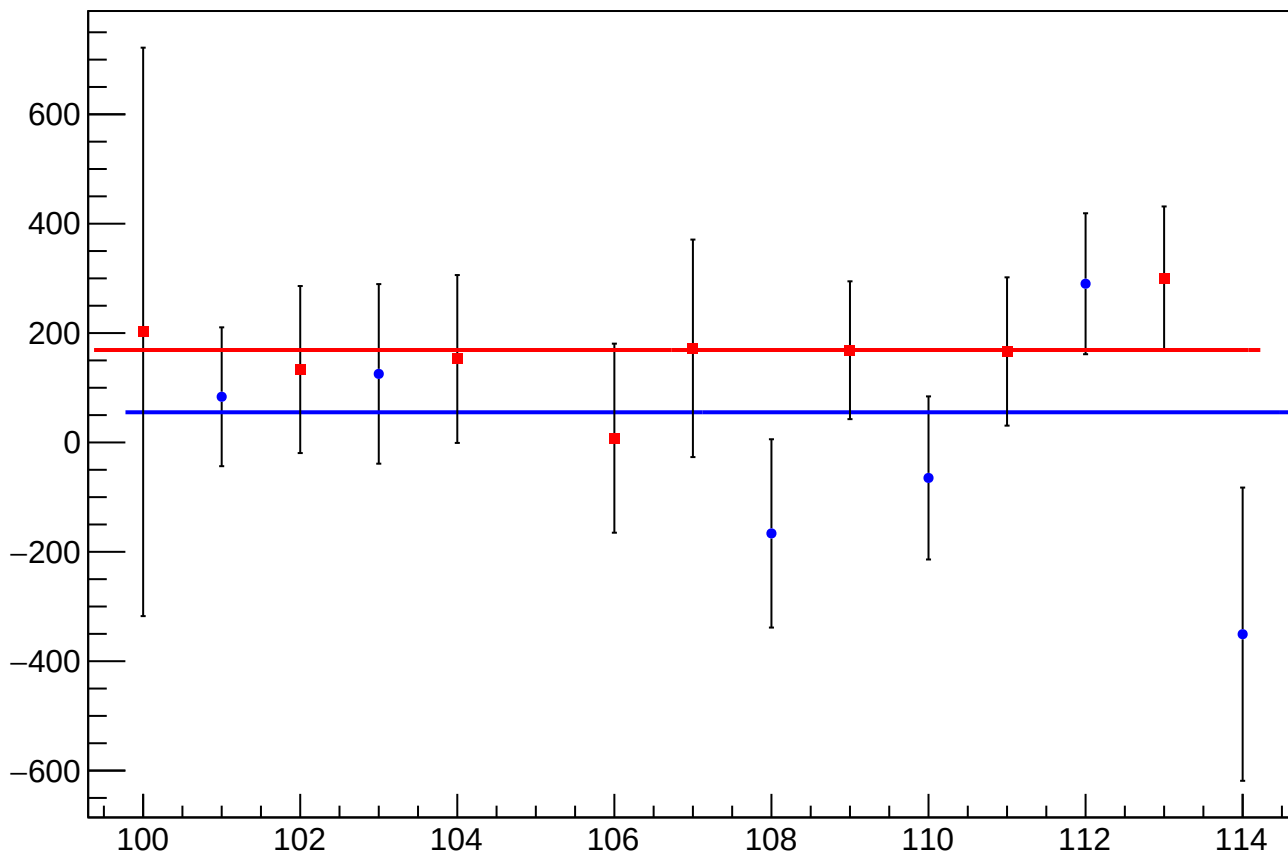
Right: 971.999+/-0.285 χ^2/NDF : 107111.6/13

In: 991.914+/-0.434 χ^2/NDF : 64823.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.999+/-0.285 χ^2/NDF : 107111.6/13

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

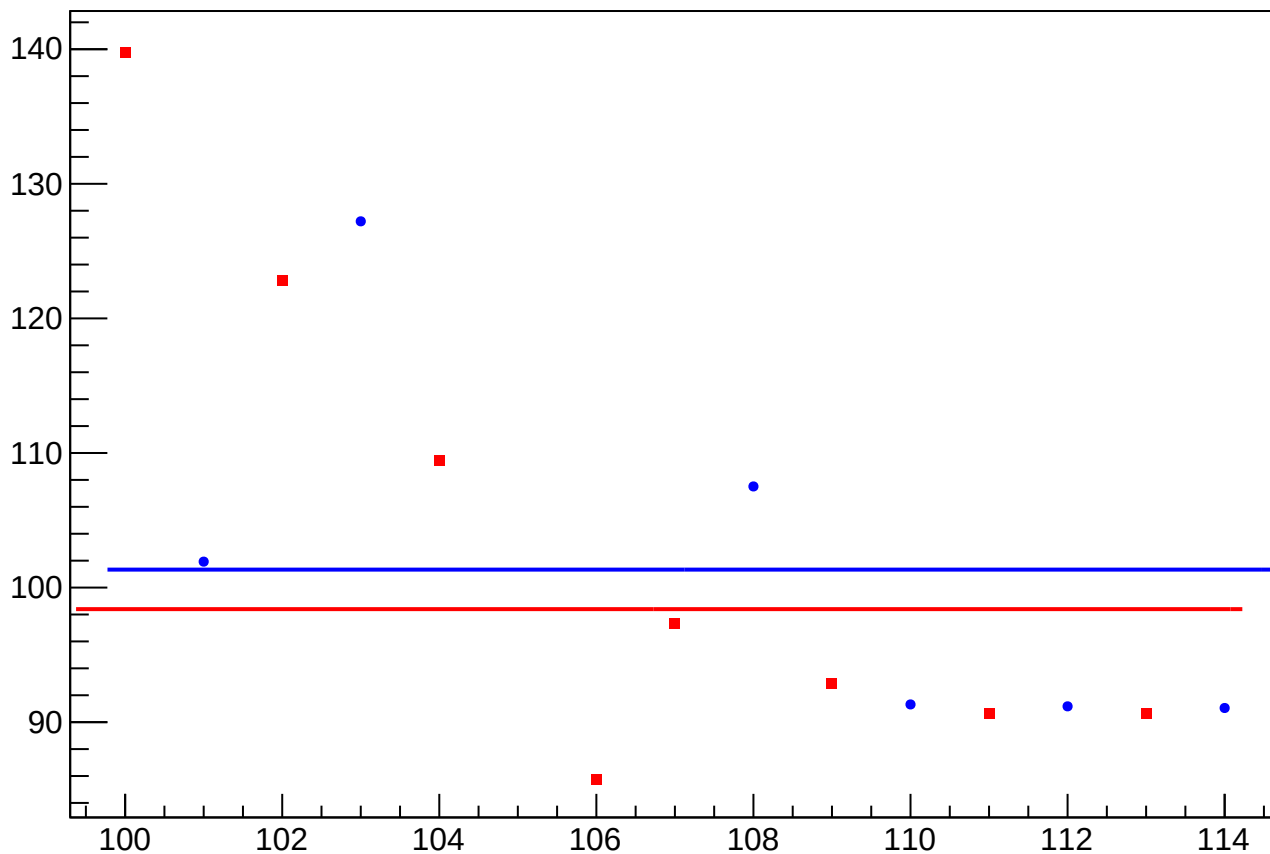
Right: 119.149+/-41.699 χ^2/NDF : 11.9/13

In: 55.173+/-62.995 χ^2/NDF : 8.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.149+/-41.699 χ^2/NDF : 11.9/13

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.335+/-0.045 χ^2/NDF : 76702.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.399+/-0.039 χ^2/NDF : 102249.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

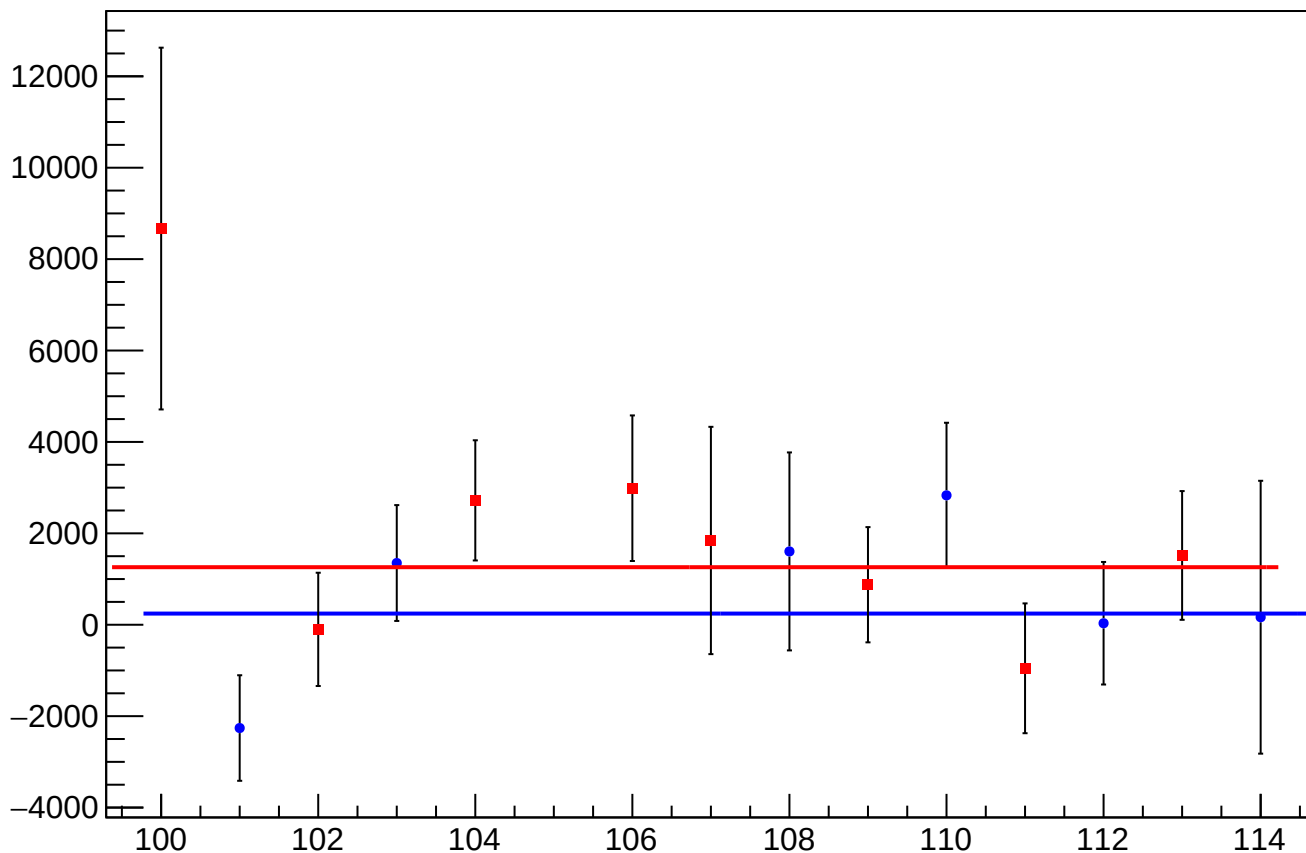
Right: 99.685+/-0.029 χ^2/NDF : 181392.9/13

In: 101.335+/-0.045 χ^2/NDF : 76702.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.685+/-0.029 χ^2/NDF : 181392.9/13

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

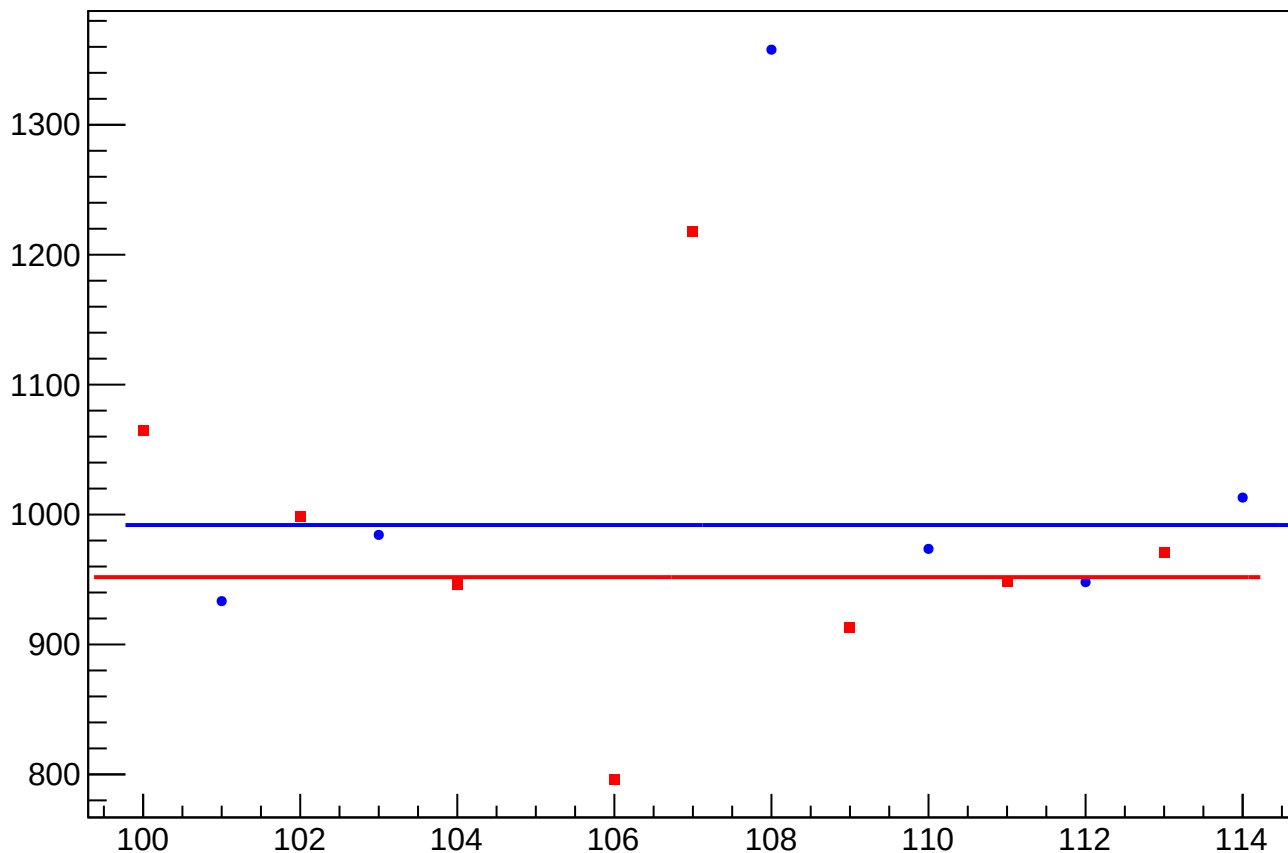
Right: 820.428+/-403.912 χ^2/NDF : 19.8/13

In: 244.509+/-614.187 χ^2/NDF : 8.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 820.428+/-403.912 χ^2/NDF : 19.8/13

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

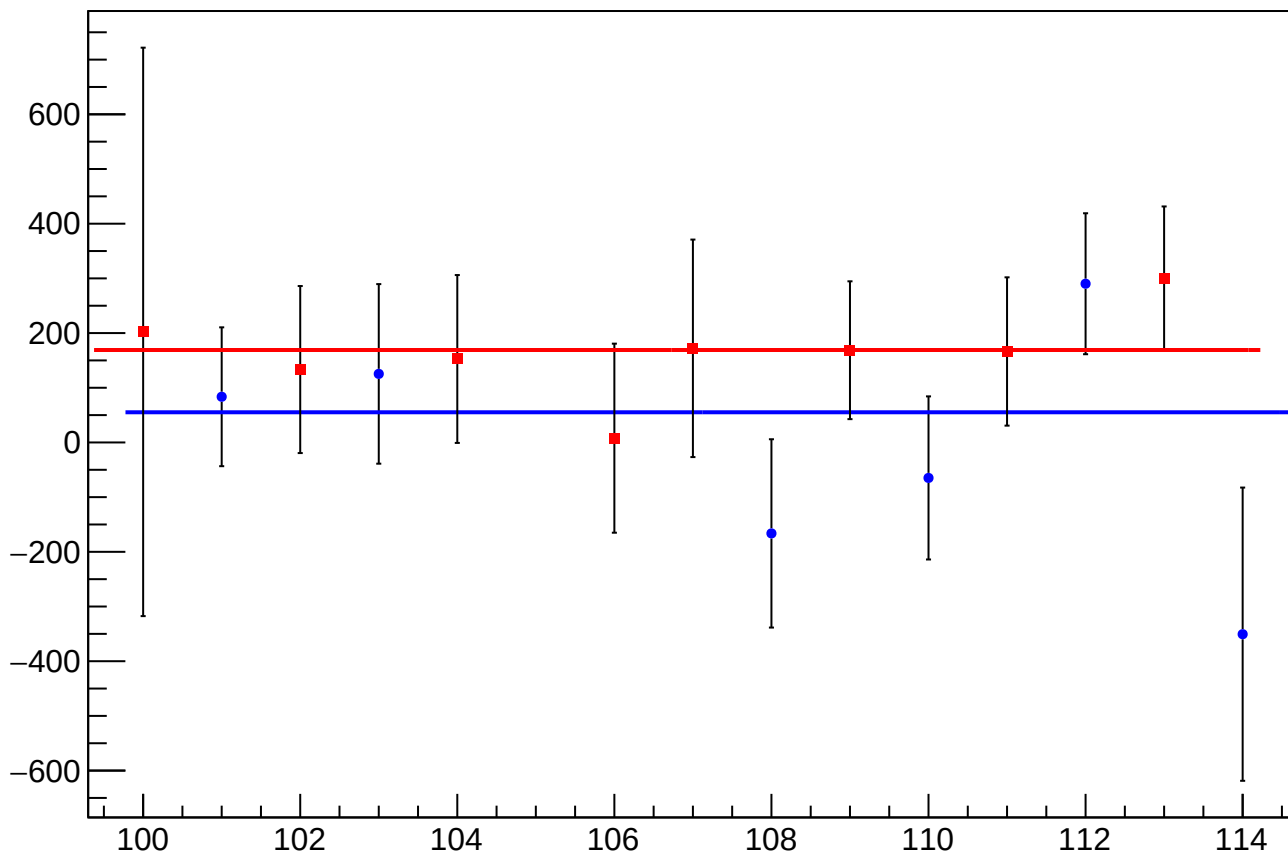
Right: 969.173+/-0.286 χ^2/NDF : 118442.7/13

In: 991.929+/-0.434 χ^2/NDF : 64821.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.173+/-0.286 χ^2/NDF : 118442.7/13

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

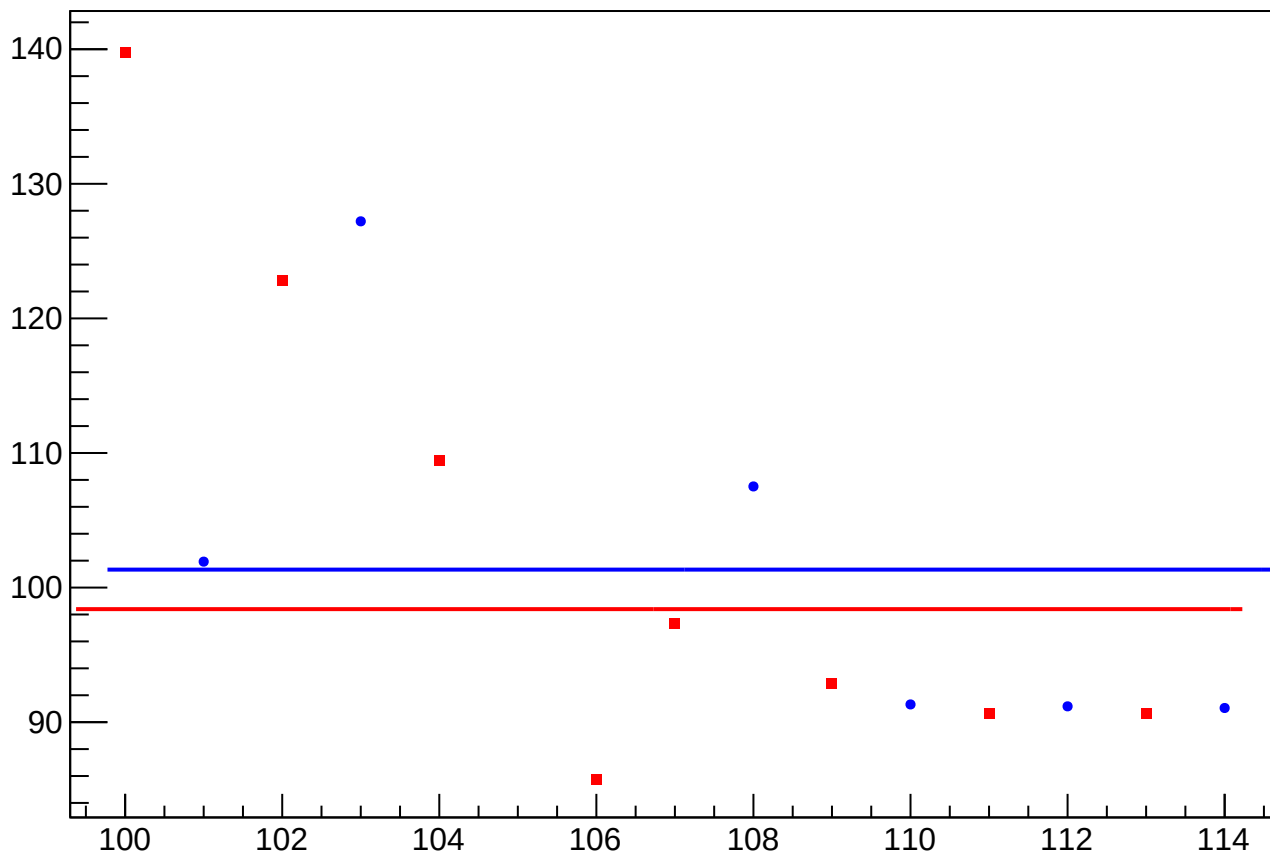
Right: 119.149+/-41.699 χ^2/NDF : 11.9/13

In: 55.173+/-62.995 χ^2/NDF : 8.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.149+/-41.699 χ^2/NDF : 11.9/13

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.335+/-0.045 χ^2/NDF : 76702.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.399+/-0.039 χ^2/NDF : 102249.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

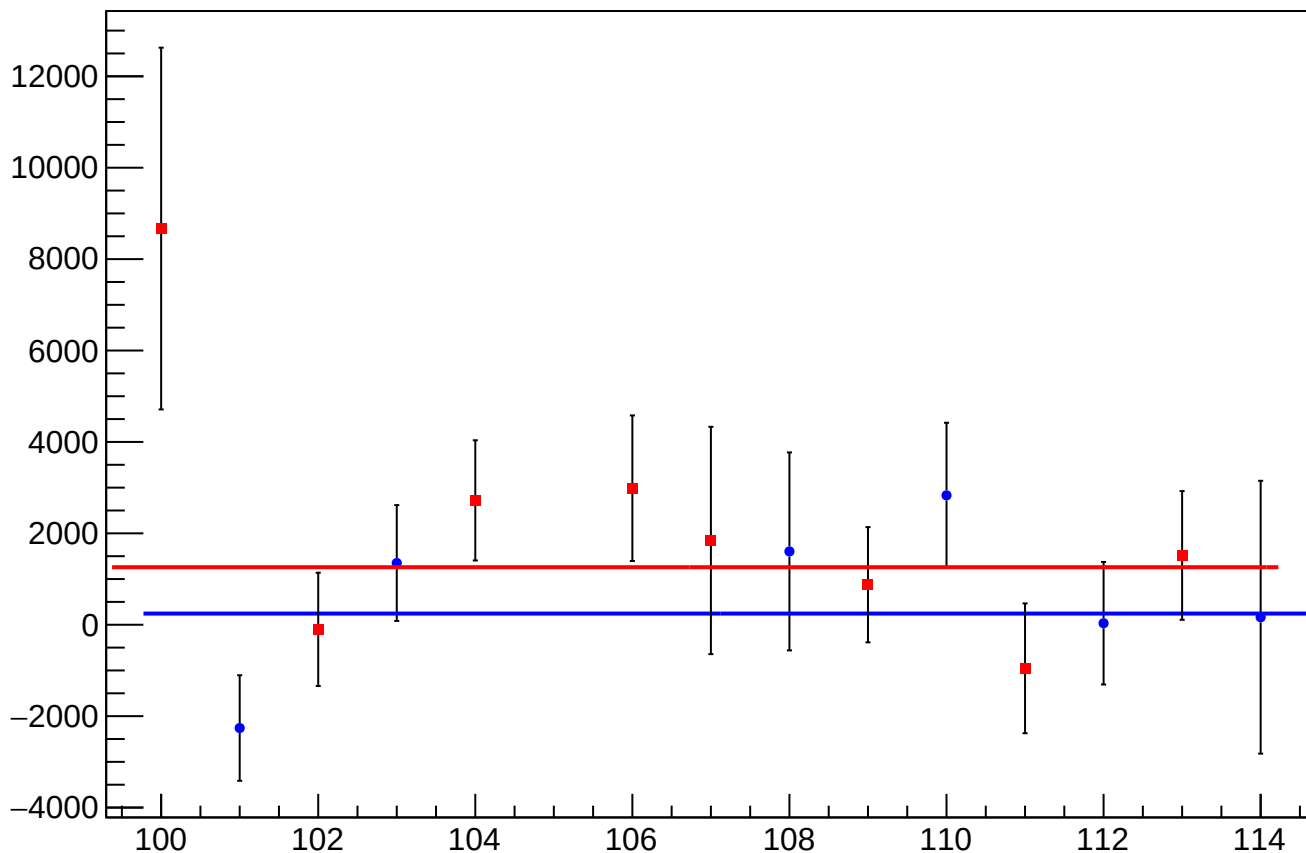
Right: 99.685+/-0.029 χ^2/NDF : 181392.9/13

In: 101.335+/-0.045 χ^2/NDF : 76702.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.685+/-0.029 χ^2/NDF : 181392.9/13

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

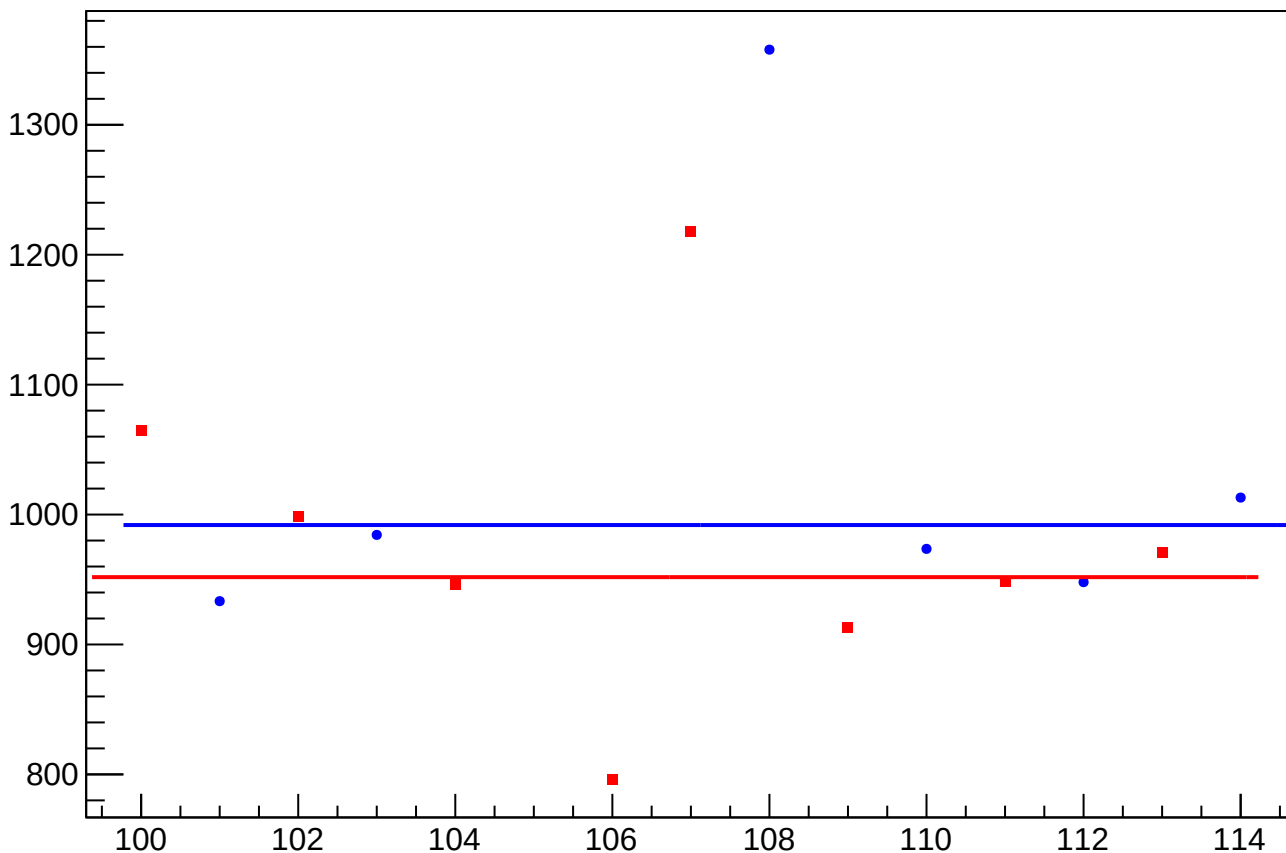
Right: 820.428+/-403.912 χ^2/NDF : 19.8/13

In: 244.509+/-614.187 χ^2/NDF : 8.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 820.428+/-403.912 χ^2/NDF : 19.8/13

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

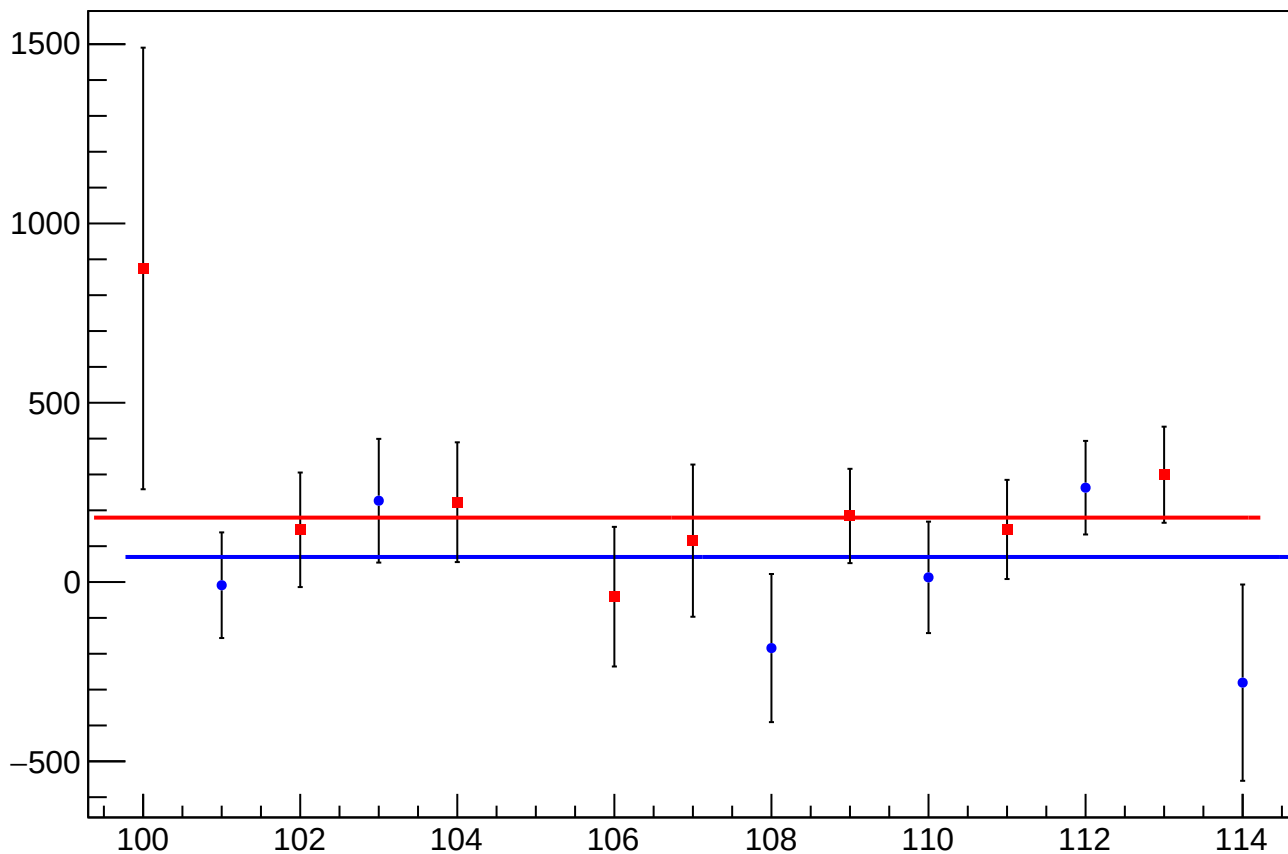
Right: 969.173+/-0.286 χ^2/NDF : 118442.7/13

In: 991.929+/-0.434 χ^2/NDF : 64821.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.173+/-0.286 χ^2/NDF : 118442.7/13

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

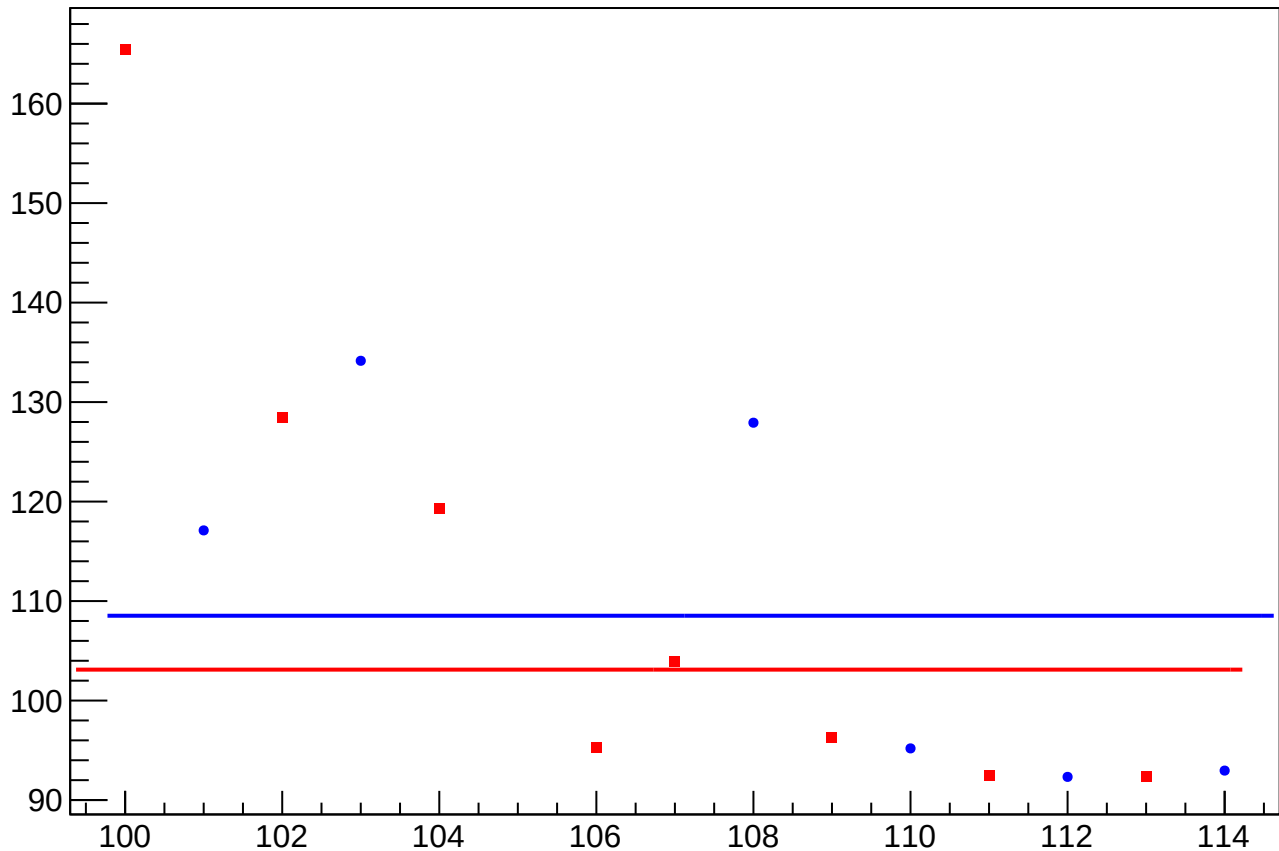
Right: 132.925 $\pm$ 44.339 χ^2 /NDF: 11.7/13

In: 69.903 $\pm$ 67.950 χ^2 /NDF:6.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132.925 $\pm$ 44.339 χ^2 /NDF: 11.7/13

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.526+/-0.048 χ^2/NDF : 120538.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.109+/-0.041 χ^2/NDF : 122901.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

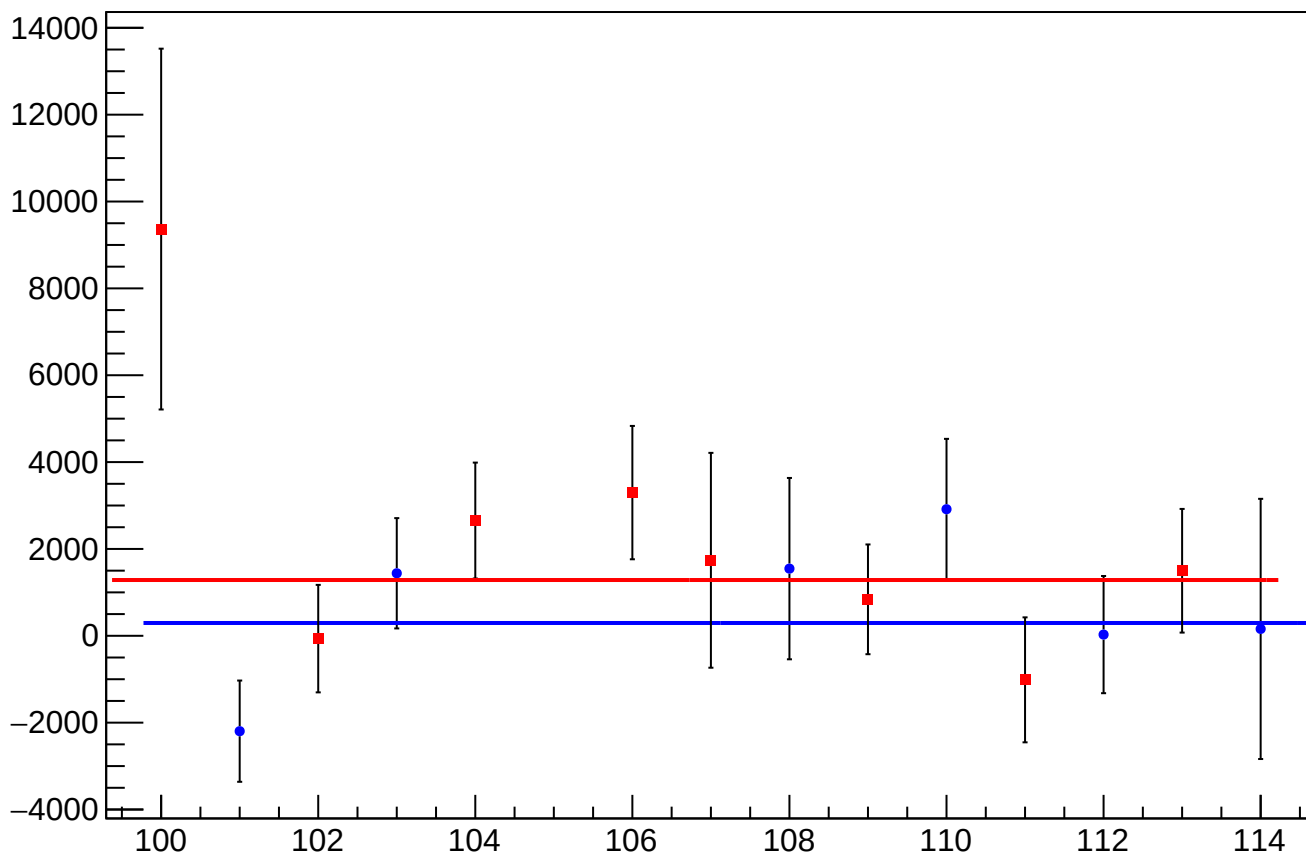
Right: 105.416+/-0.031 χ^2/NDF : 250737.4/13

In: 108.526+/-0.048 χ^2/NDF : 120538.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.416+/-0.031 χ^2/NDF : 250737.4/13

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 295.184+/-616.980 χ^2/NDF : 8.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.522+/-537.406 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

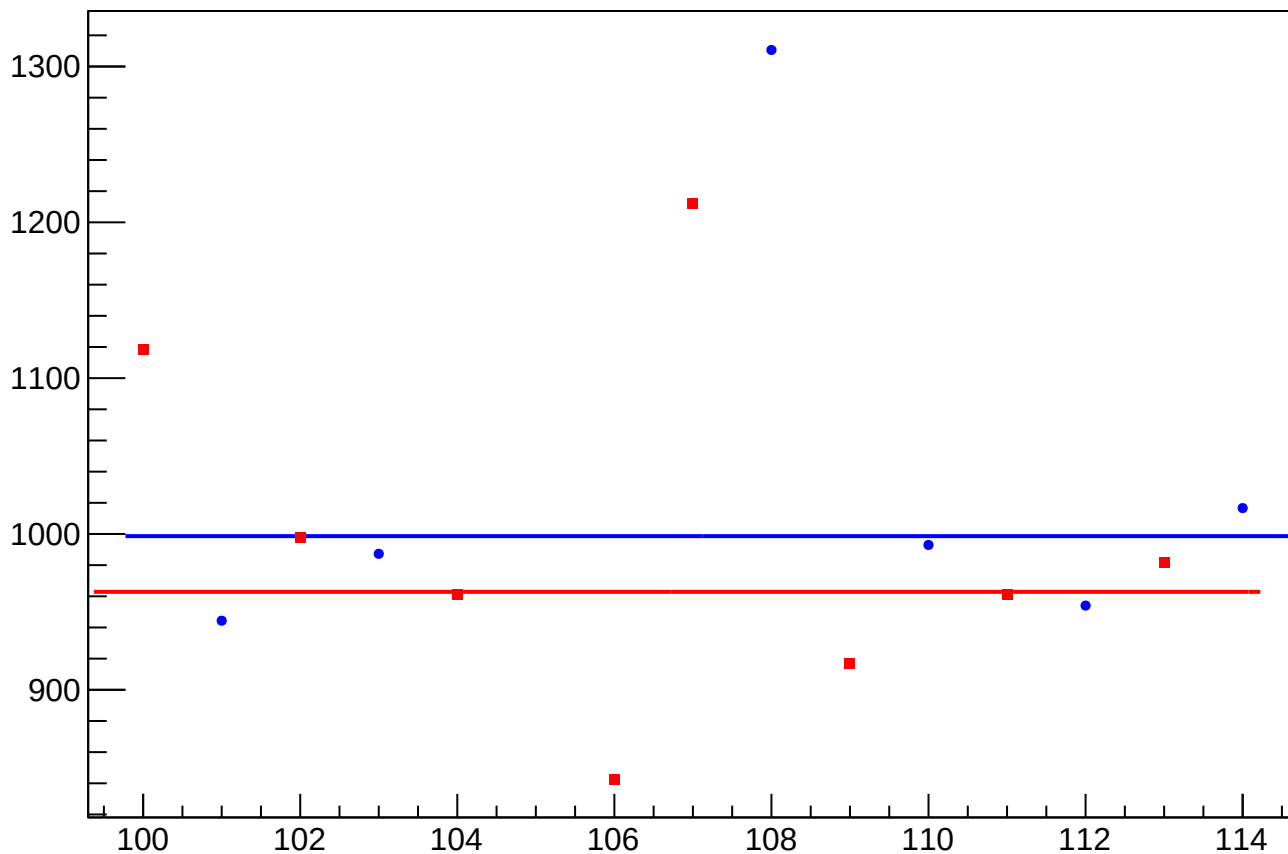
Right: 857.727+/-405.236 χ^2/NDF : 20.3/13

In: 295.184+/-616.980 χ^2/NDF : 8.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.727+/-405.236 χ^2/NDF : 20.3/13

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 998.610+/-0.436 χ^2/NDF : 51425.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.874+/-0.380 χ^2/NDF : 39955.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

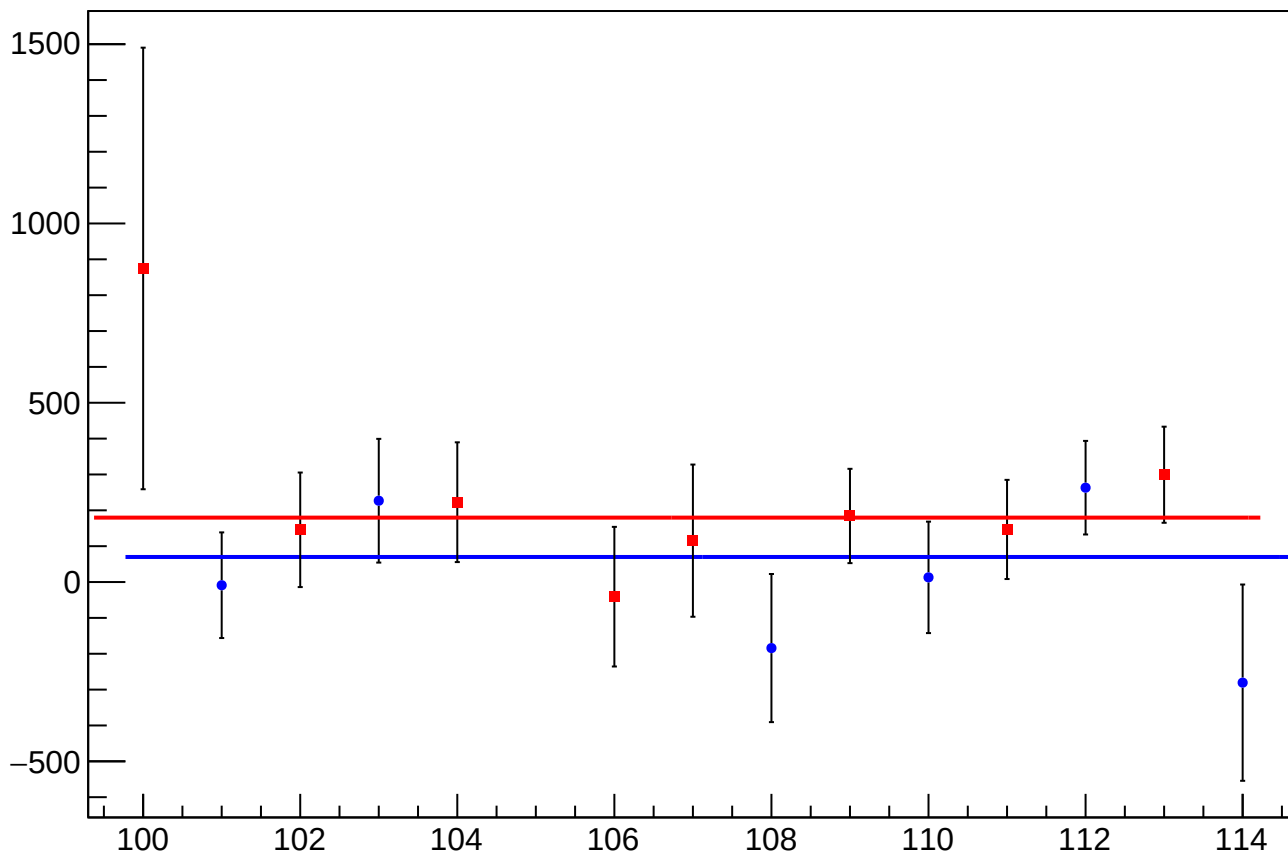
Right: 978.291+/-0.287 χ^2/NDF : 95196.8/13

In: 998.610+/-0.436 χ^2/NDF : 51425.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.291+/-0.287 χ^2/NDF : 95196.8/13

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

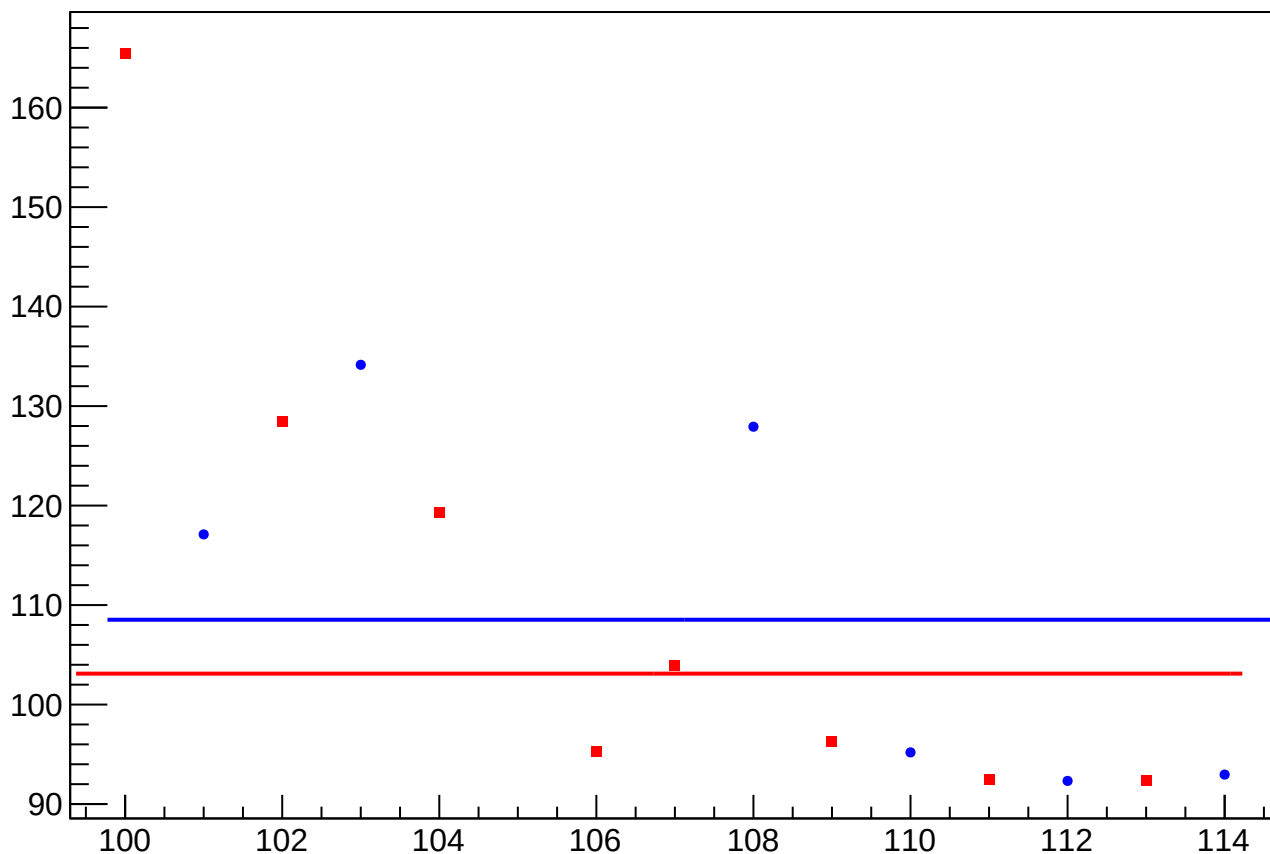
Right: 132.924 $\pm$ 44.339 χ^2 /NDF: 11.7/13

In: 69.902 $\pm$ 67.950 χ^2 /NDF:6.6/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 132.924 $\pm$ 44.339 χ^2 /NDF: 11.7/13

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.526+/-0.048 χ^2/NDF : 120541.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.109+/-0.041 χ^2/NDF : 122902.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

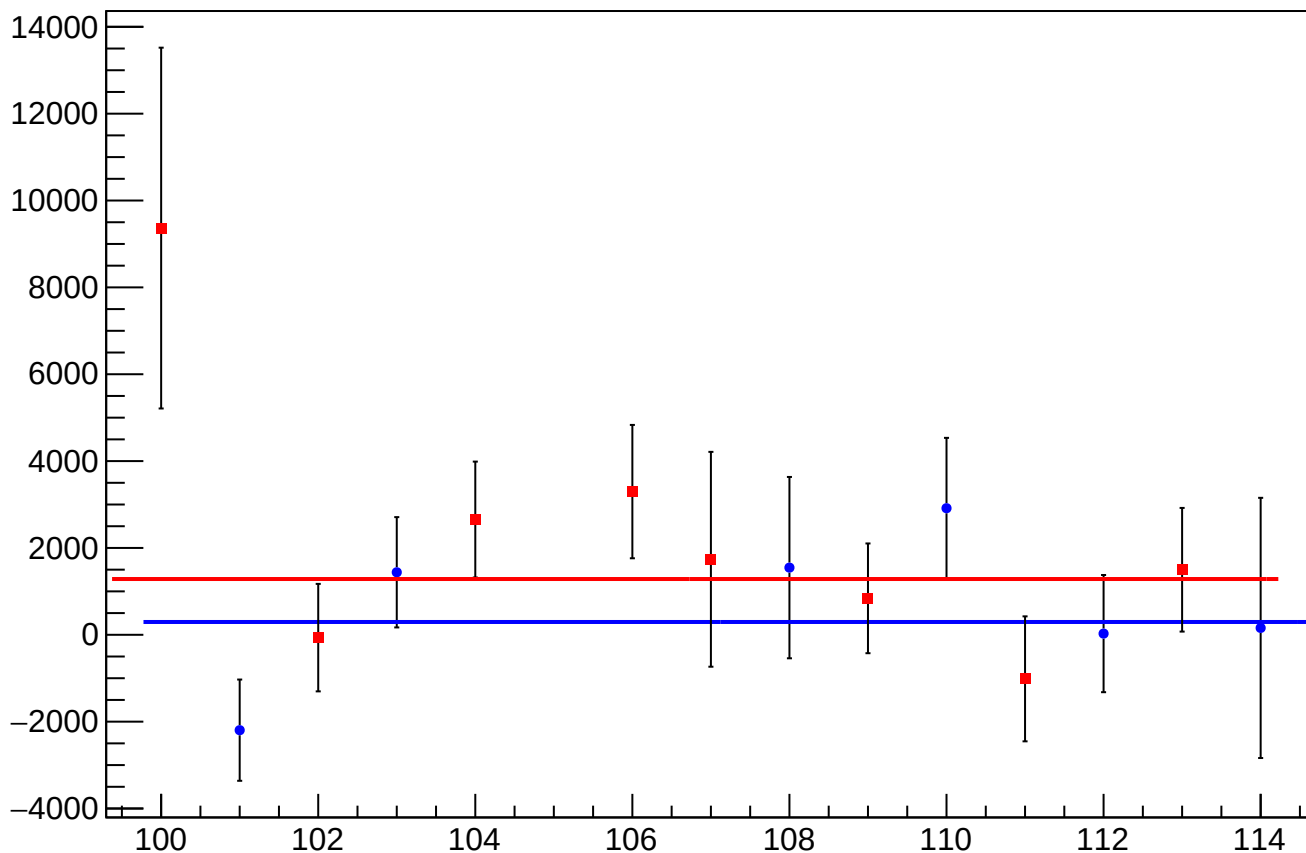
Right: 105.416+/-0.031 χ^2/NDF : 250741.9/13

In: 108.526+/-0.048 χ^2/NDF : 120541.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.416+/-0.031 χ^2/NDF : 250741.9/13

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

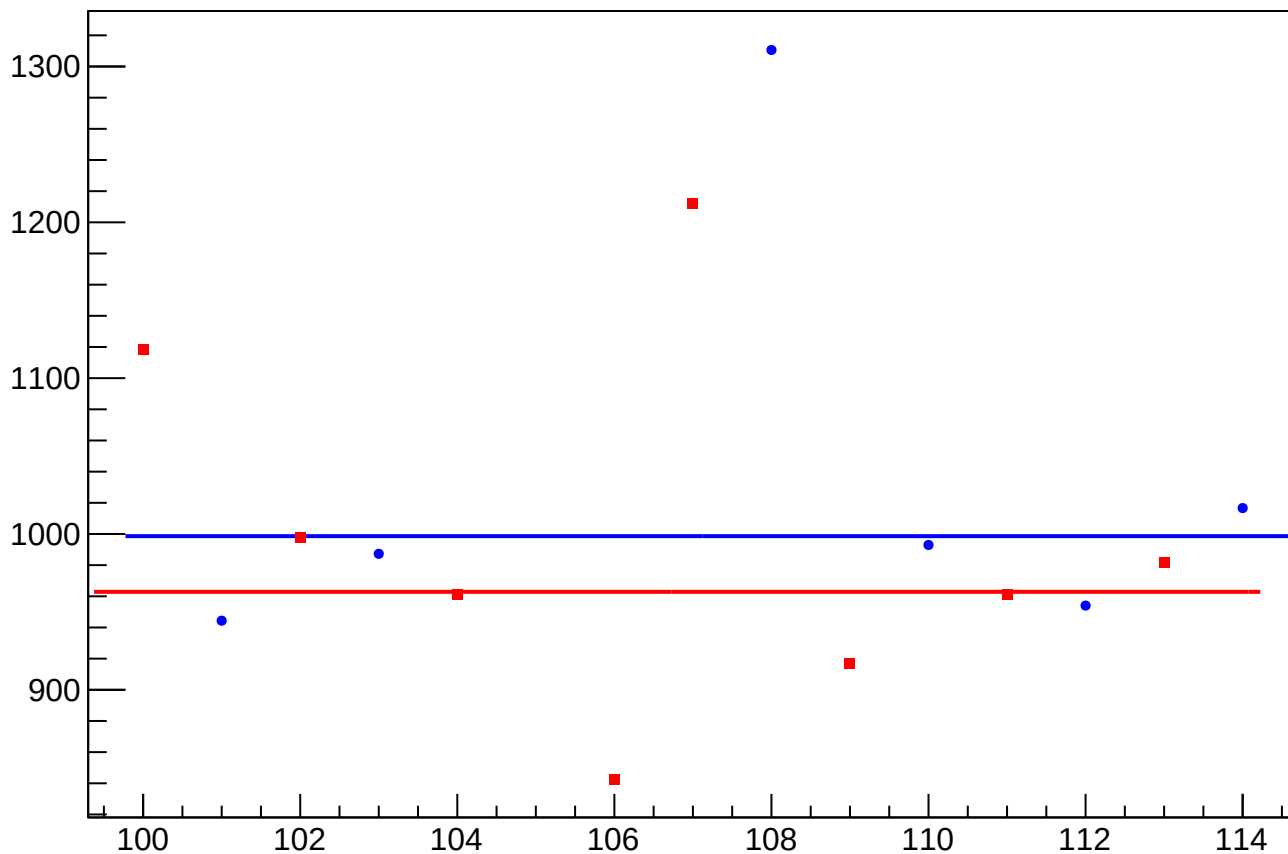
Right: 857.727+/-405.236 χ^2/NDF : 20.3/13

In: 295.185+/-616.980 χ^2/NDF : 8.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.727+/-405.236 χ^2/NDF : 20.3/13

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 998.610+/-0.436 χ^2/NDF : 51425.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.874+/-0.380 χ^2/NDF : 39956.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

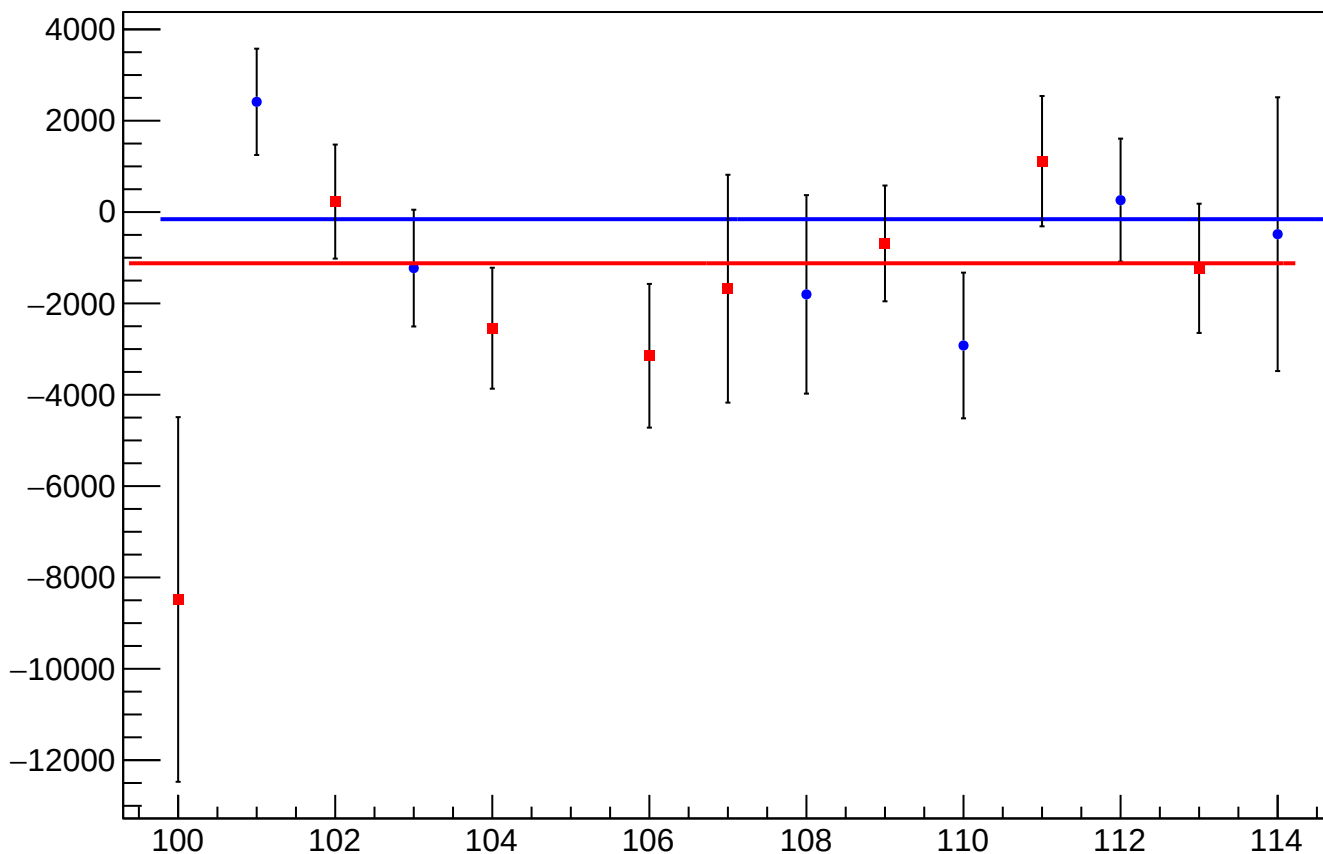
Right: 978.291+/-0.287 χ^2/NDF : 95196.9/13

In: 998.610+/-0.436 χ^2/NDF : 51425.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.291+/-0.287 χ^2/NDF : 95196.9/13

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

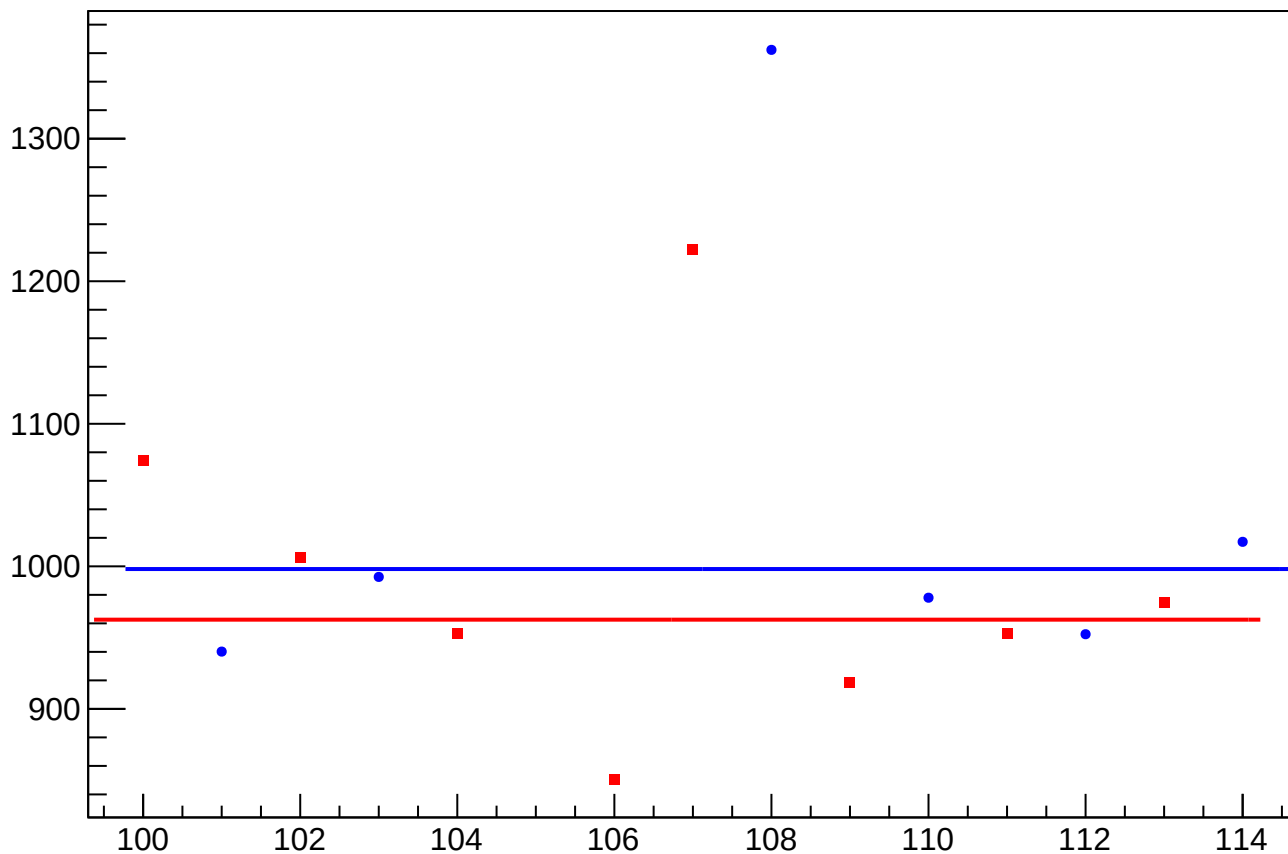
Right: -705.068+/-405.855 χ^2/NDF : 20.7/13

In: -156.180+/-618.018 χ^2/NDF :9.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -705.068+/-405.855 χ^2/NDF : 20.7/13

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

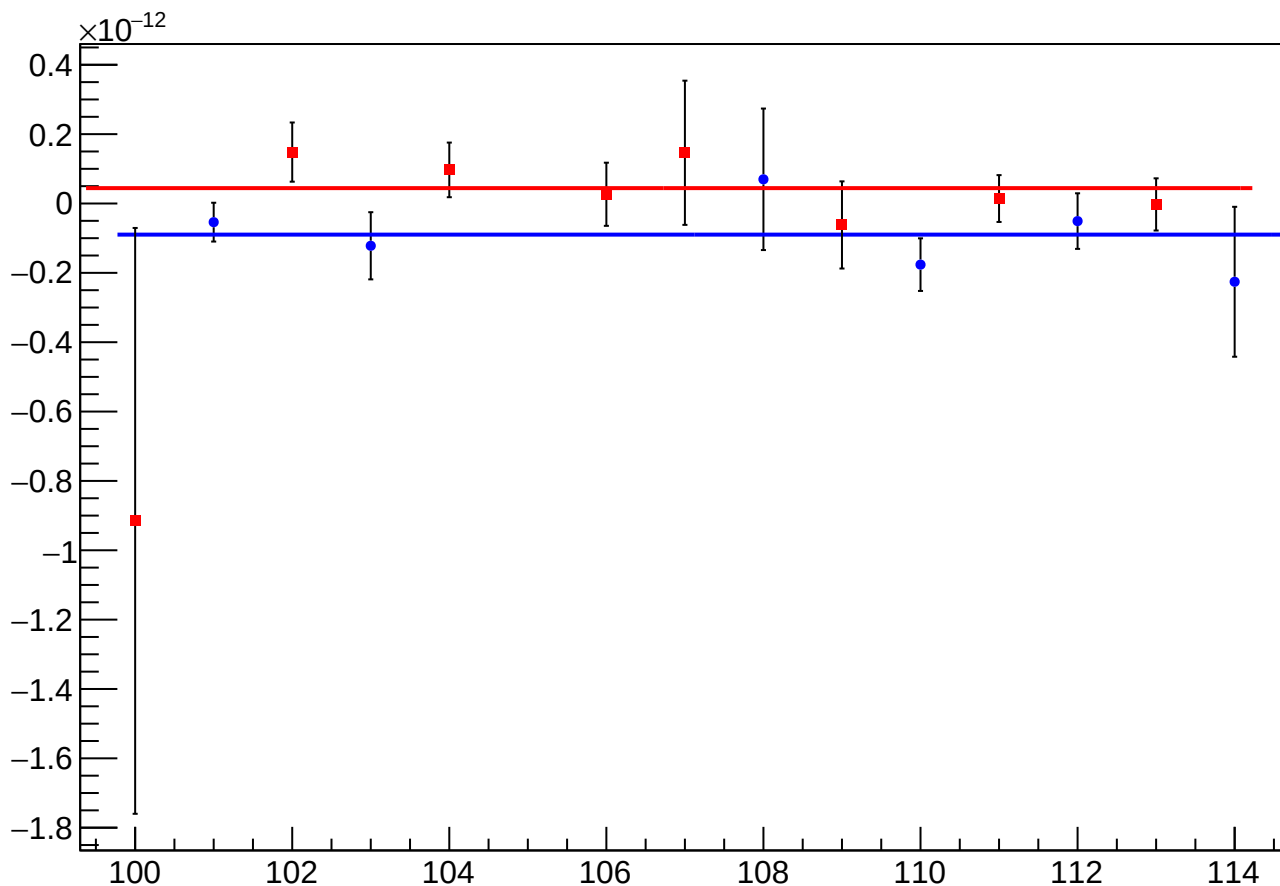
Right: 977.911+/-0.287 χ^2/NDF : 106133.1/13

In: 998.108+/-0.437 χ^2/NDF : 63879.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.911+/-0.287 χ^2/NDF : 106133.1/13

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

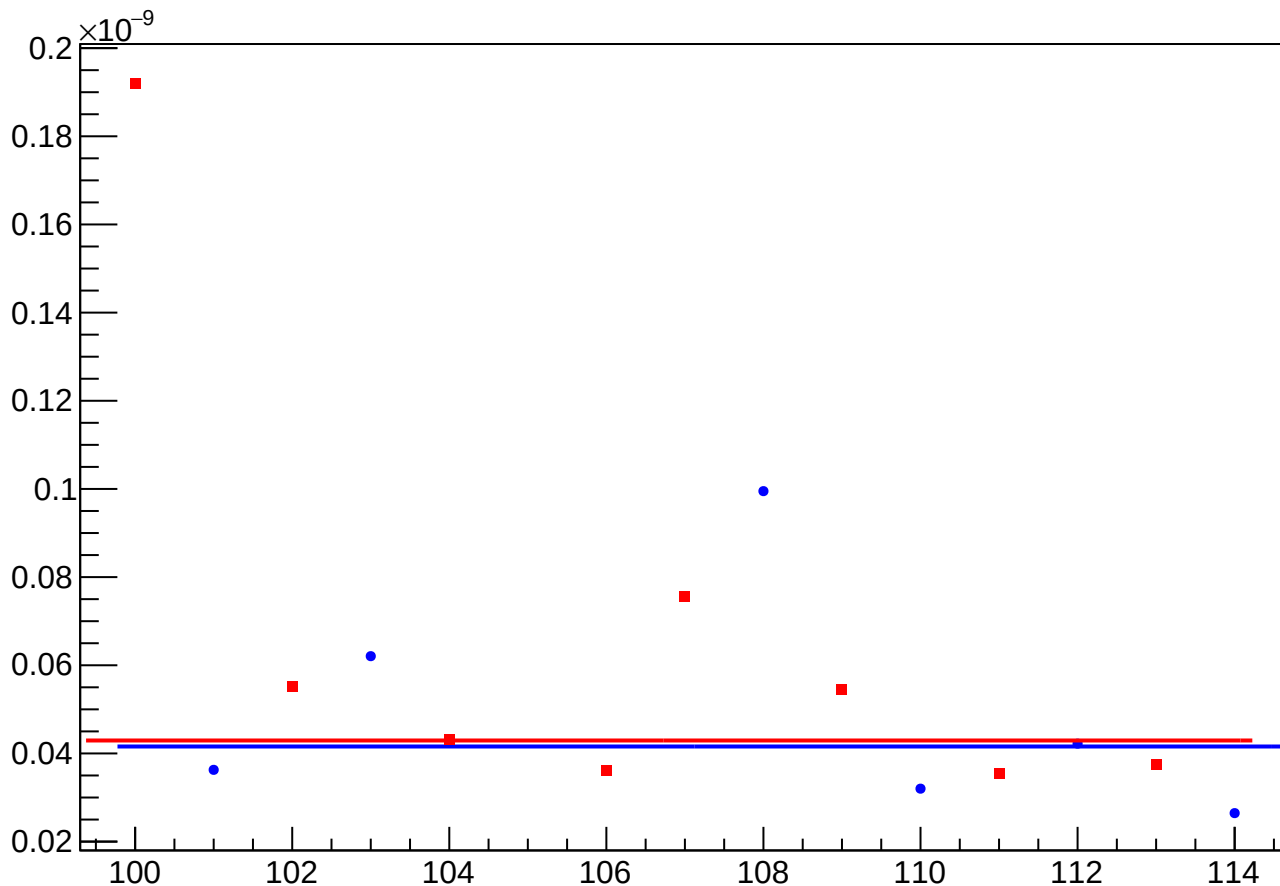
Right: -0.000+/-0.000 χ^2/NDF : 15.5/13

In: -0.000+/-0.000 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/13

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 310350.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 216210.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

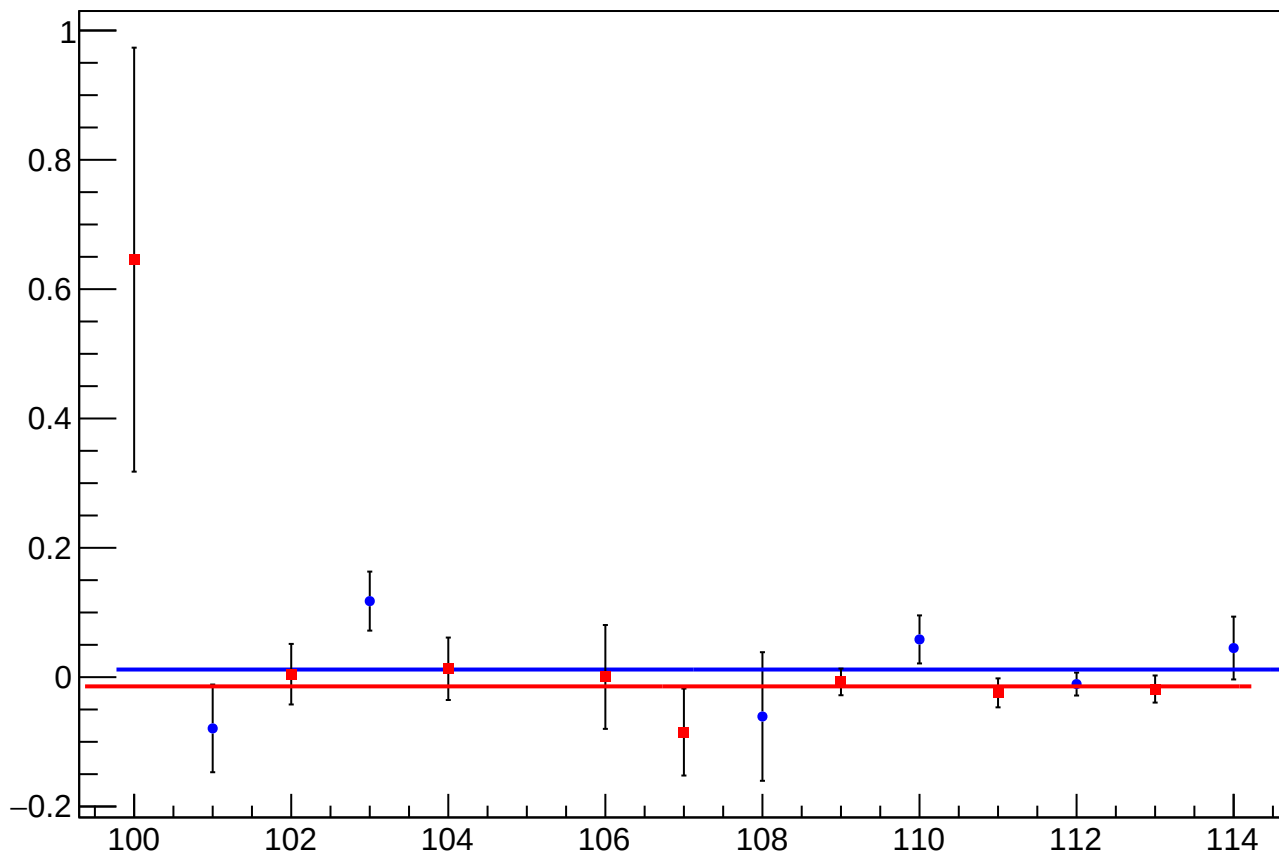
Right: 0.000+/-0.000 χ^2/NDF : 528139.6/13

In: 0.000+/-0.000 χ^2/NDF : 310350.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 528139.6/13

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

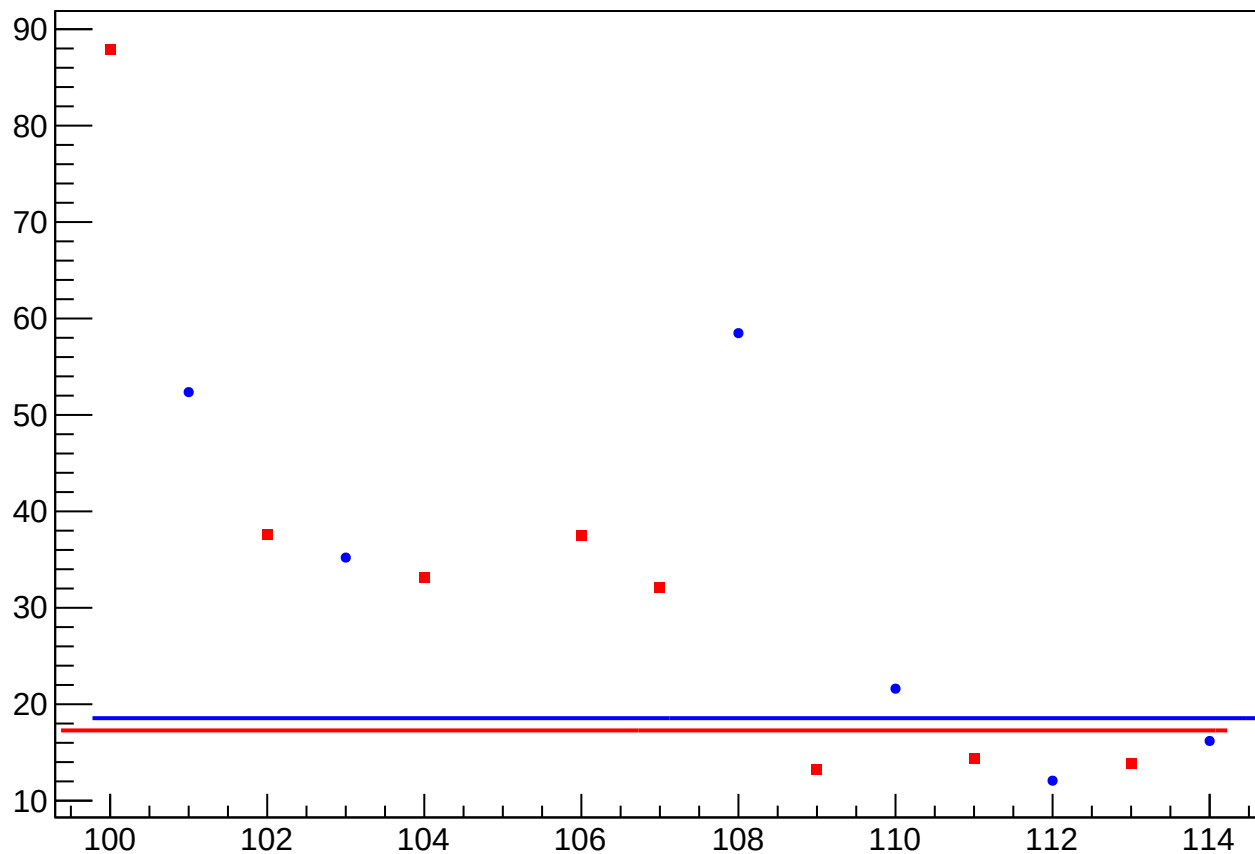
Right: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

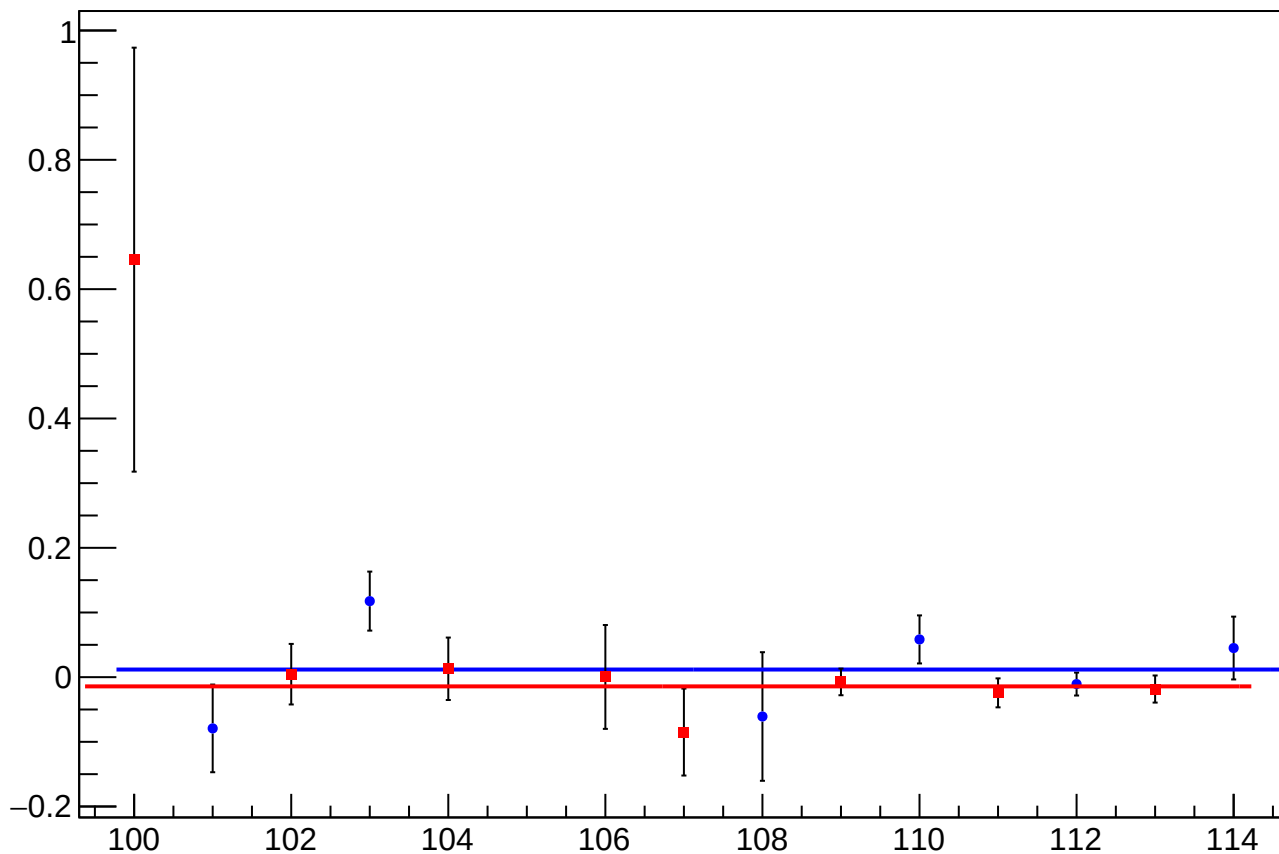
Right: 17.785+/-0.006 χ^2/NDF : 2456489.1/13

In: 18.554+/-0.010 χ^2/NDF : 1371953.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.785+/-0.006 χ^2/NDF : 2456489.1/13

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

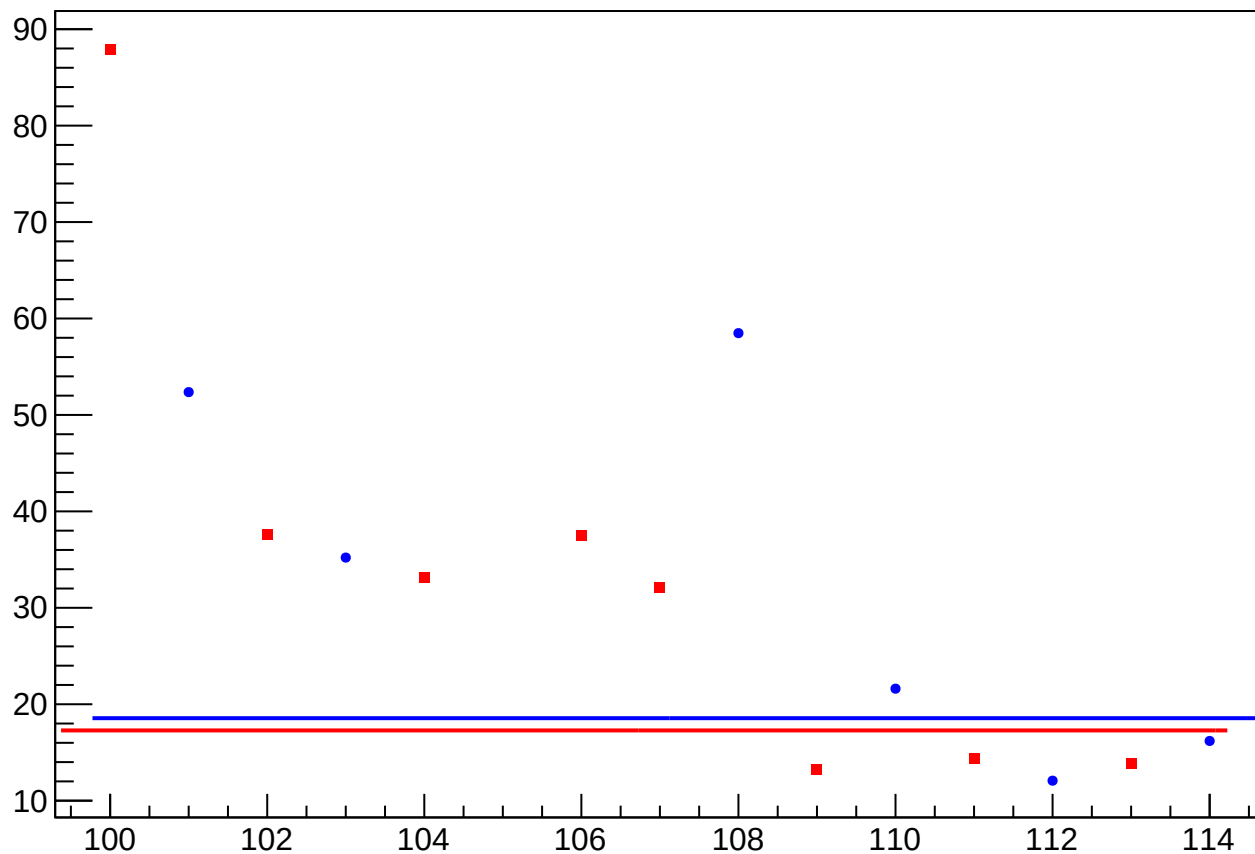
Right: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

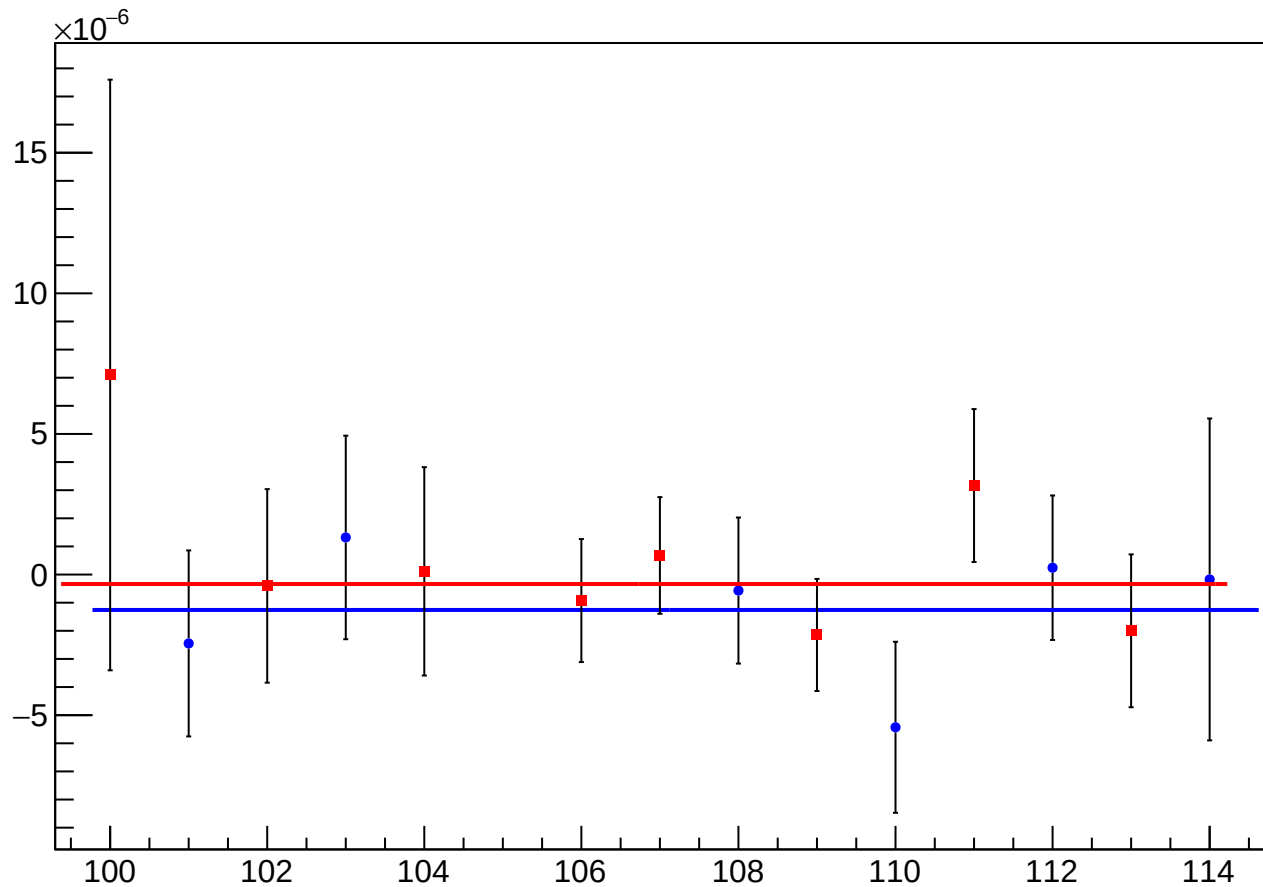
Right: 17.785+/-0.006 χ^2/NDF : 2456489.1/13

In: 18.554+/-0.010 χ^2/NDF : 1371953.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.785+/-0.006 χ^2/NDF : 2456489.1/13

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

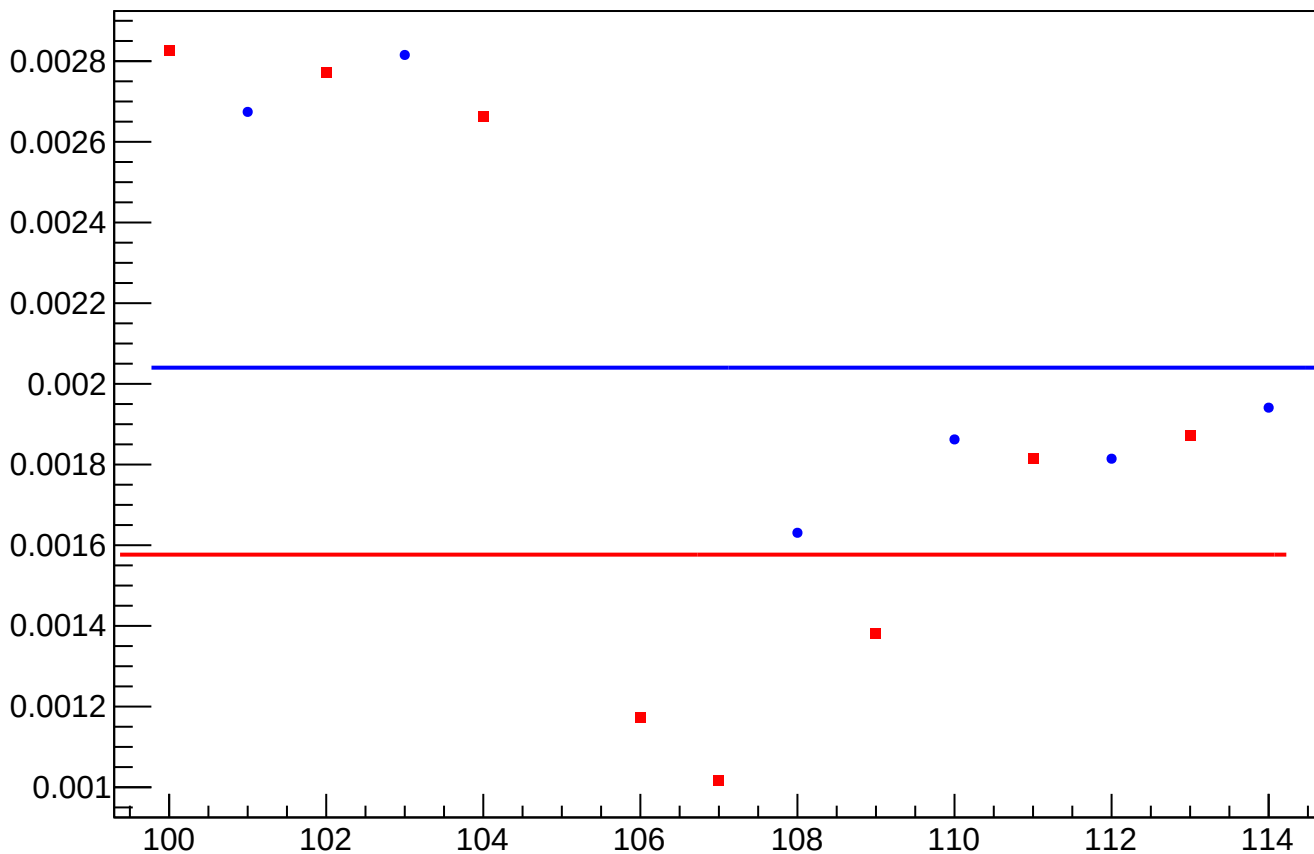
Right: -0.000 ± 0.000 χ^2/NDF : 7.0/13

In: -0.000 ± 0.000 χ^2/NDF : 3.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 7.0/13

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

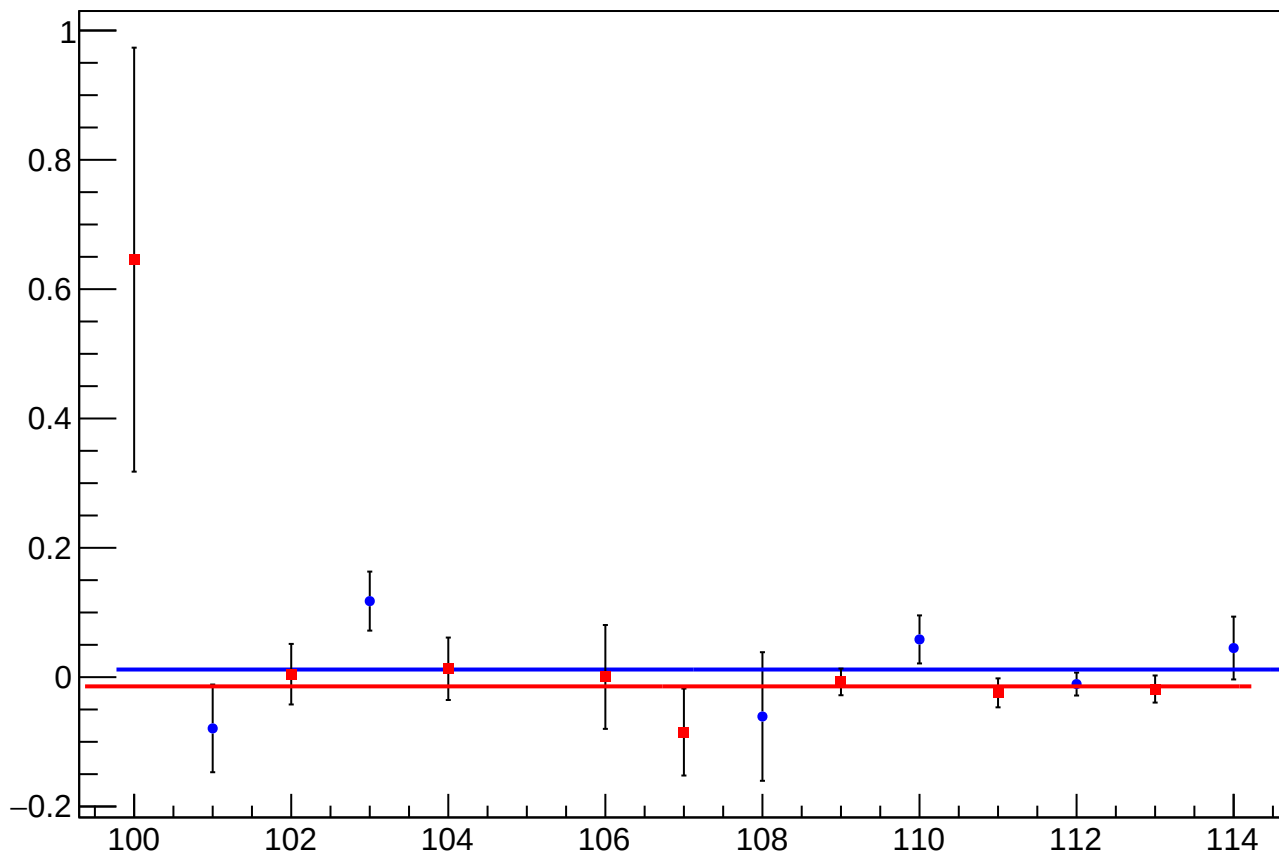
Right: 0.002+/-0.000 χ^2/NDF : 1120664.8/13

In: 0.002+/-0.000 χ^2/NDF : 237879.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1120664.8/13

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

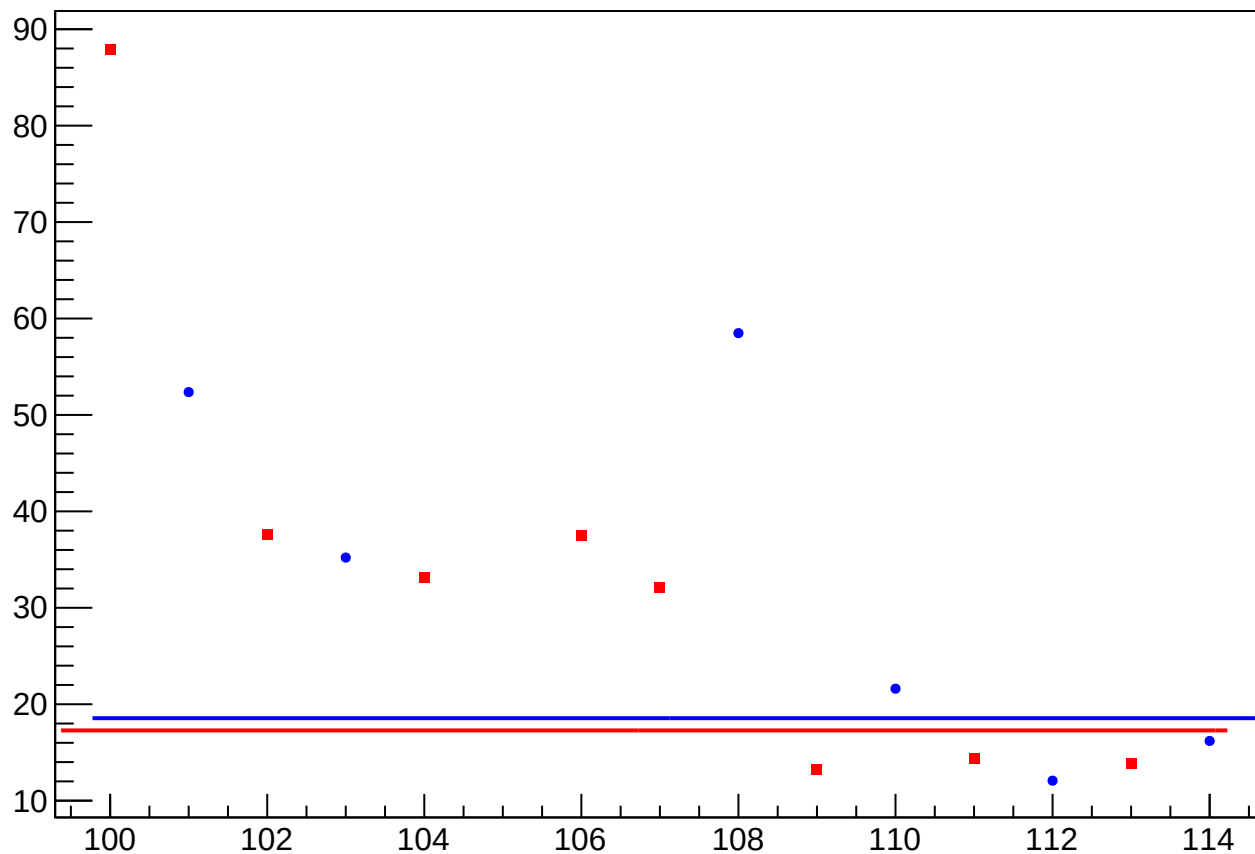
Right: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

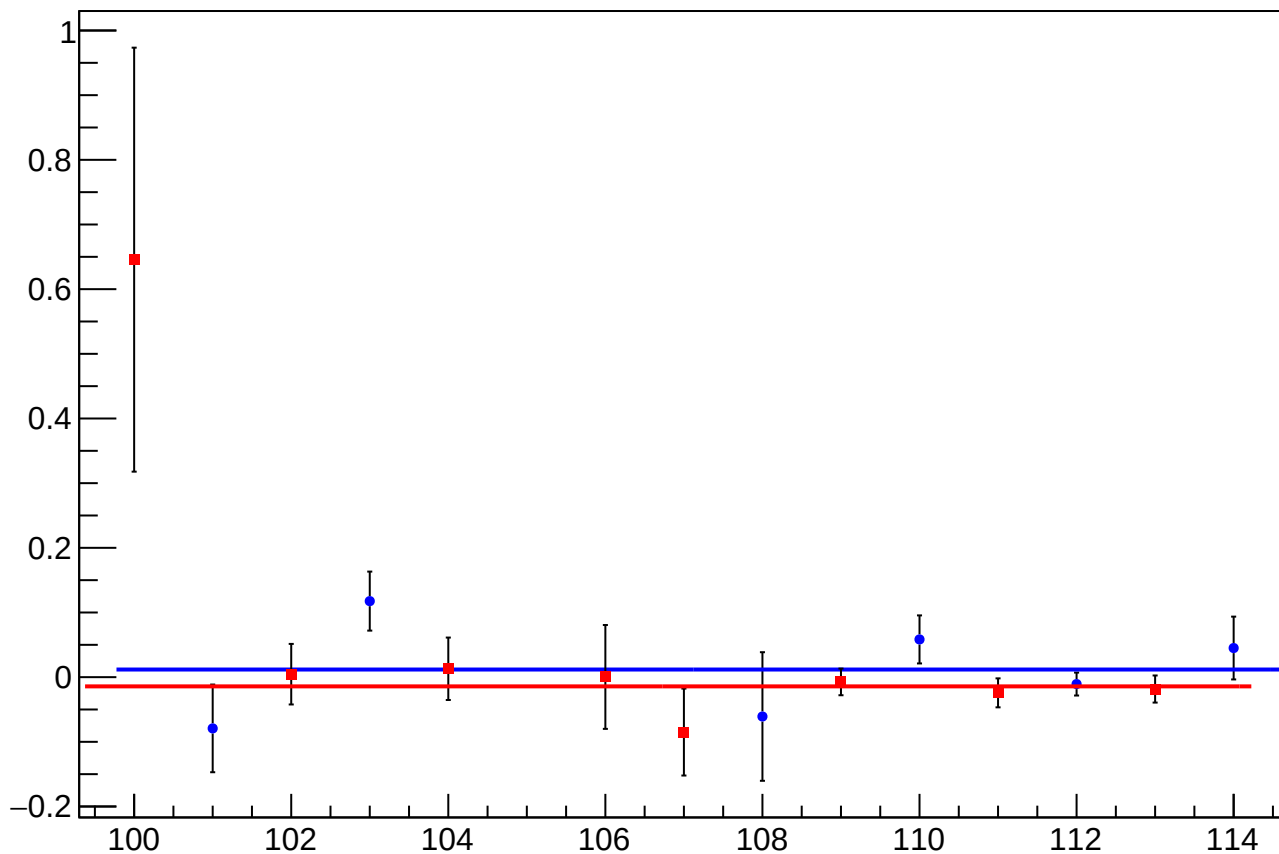
Right: 17.784+/-0.006 χ^2/NDF : 2456596.5/13

In: 18.553+/-0.010 χ^2/NDF : 1372082.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.784+/-0.006 χ^2/NDF : 2456596.5/13

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

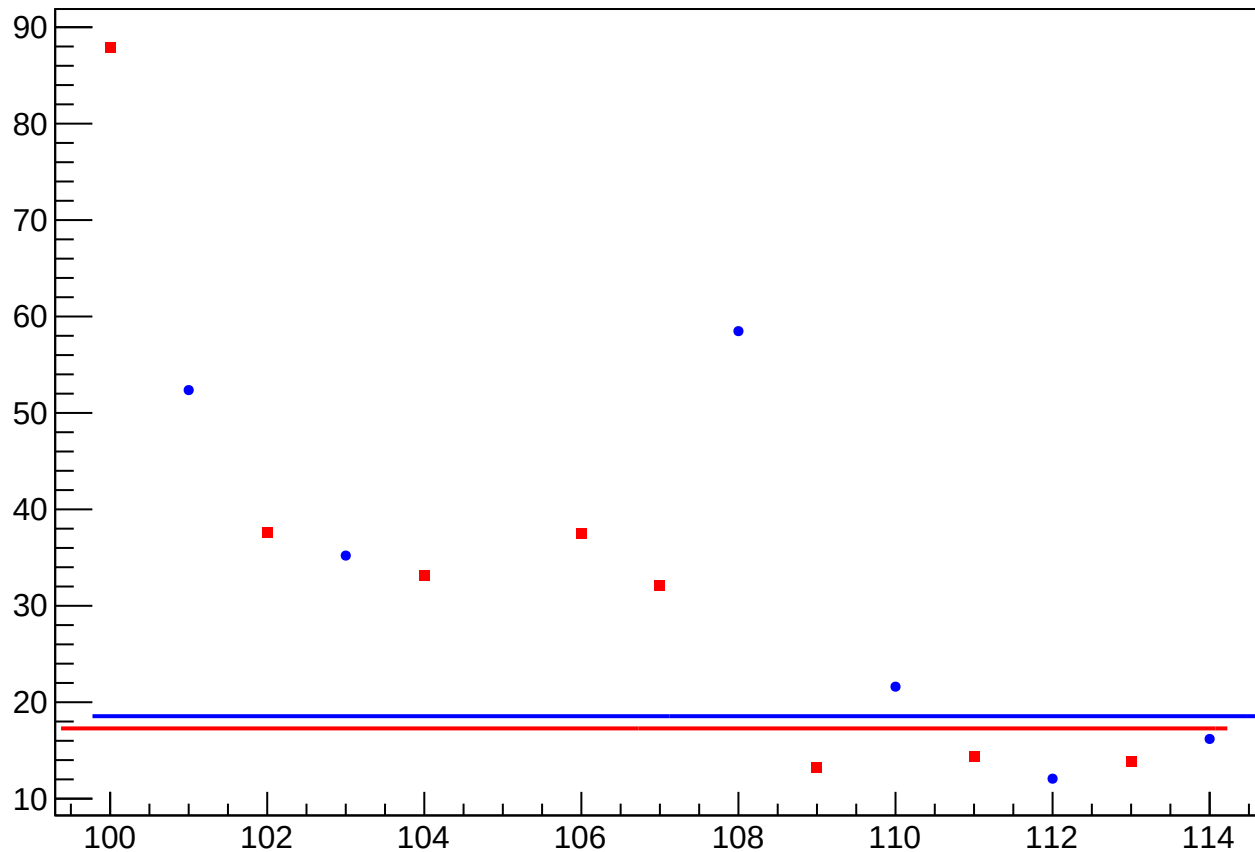
Right: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 19.5/13

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

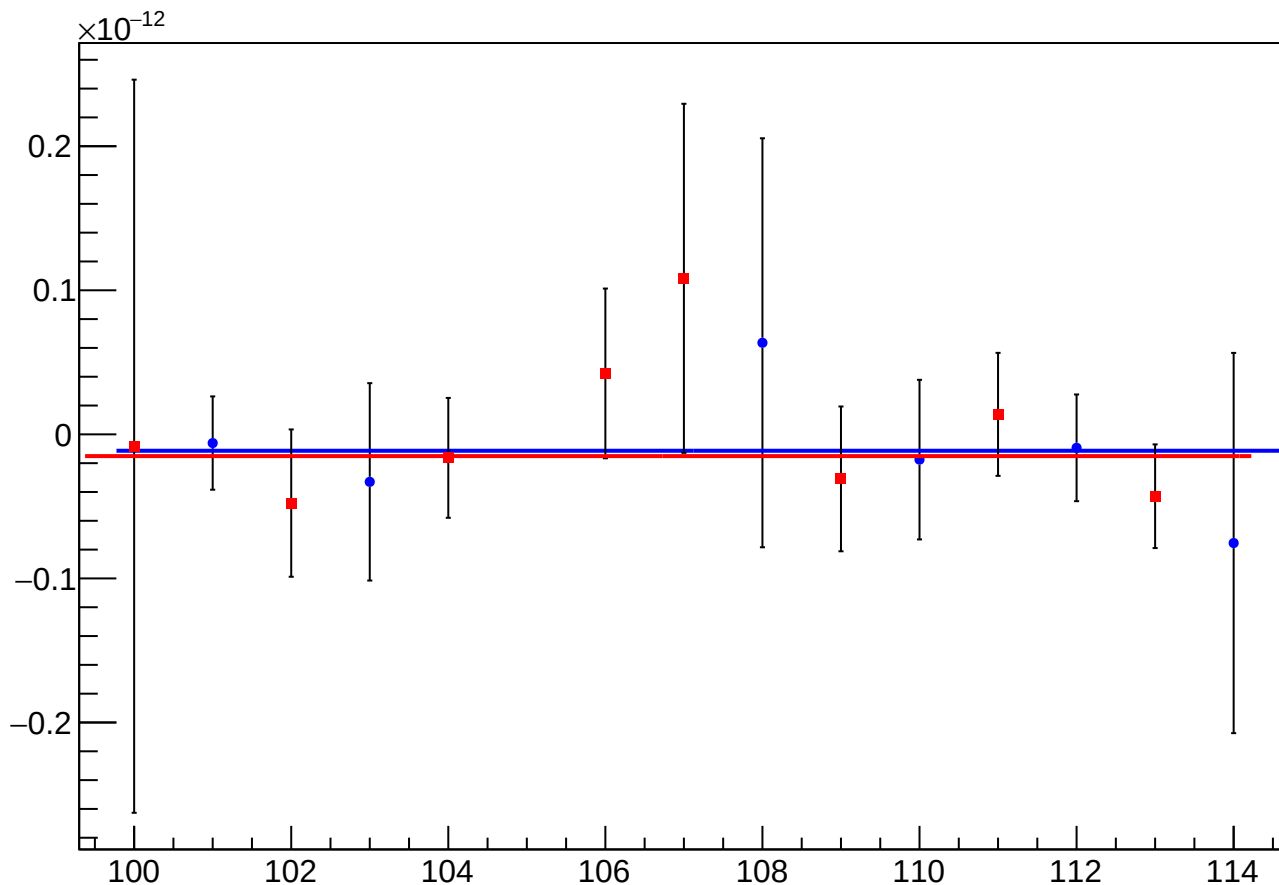
Right: 17.784+/-0.006 χ^2/NDF : 2456596.5/13

In: 18.553+/-0.010 χ^2/NDF : 1372082.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.784+/-0.006 χ^2/NDF : 2456596.5/13

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

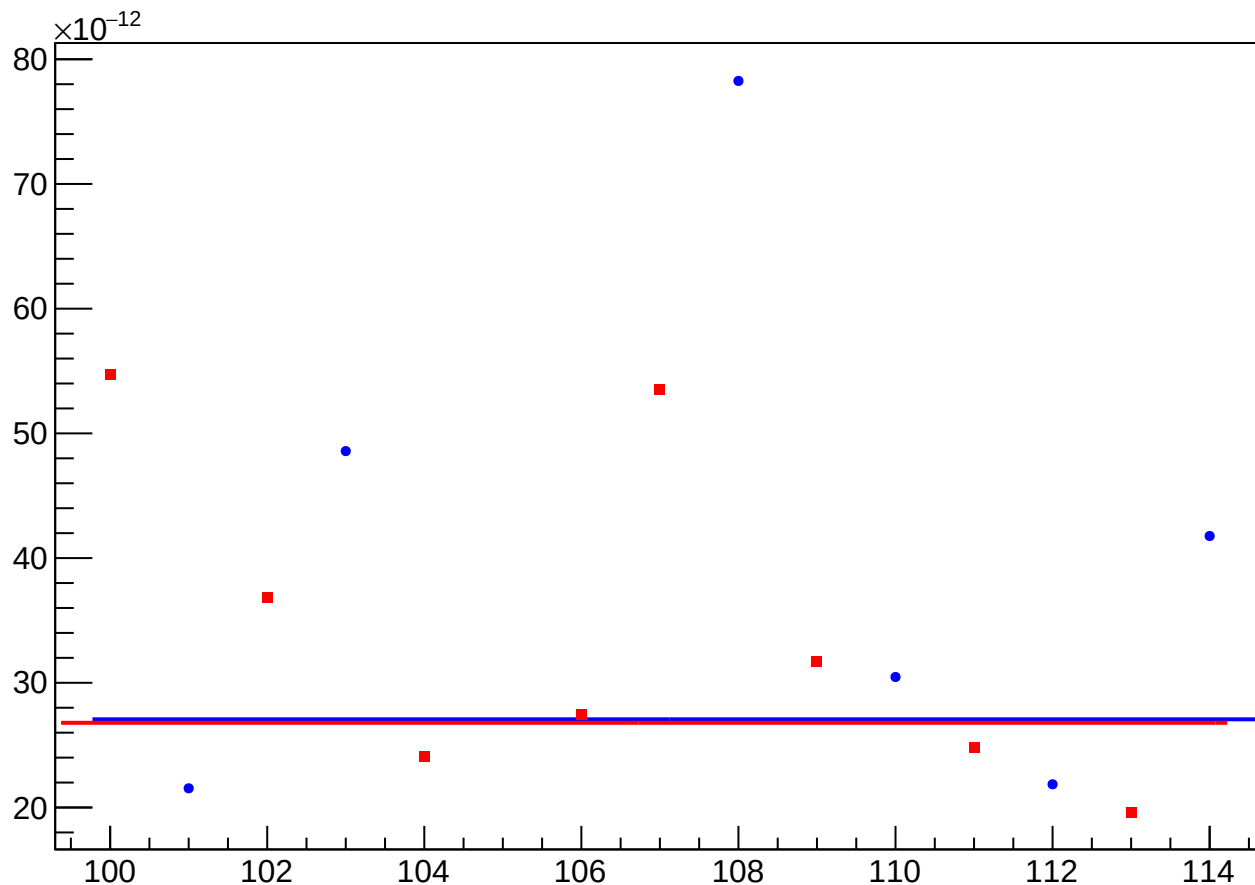
Right: -0.000+/-0.000 χ^2/NDF : 4.2/13

In: -0.000+/-0.000 χ^2/NDF : 0.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.2/13

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

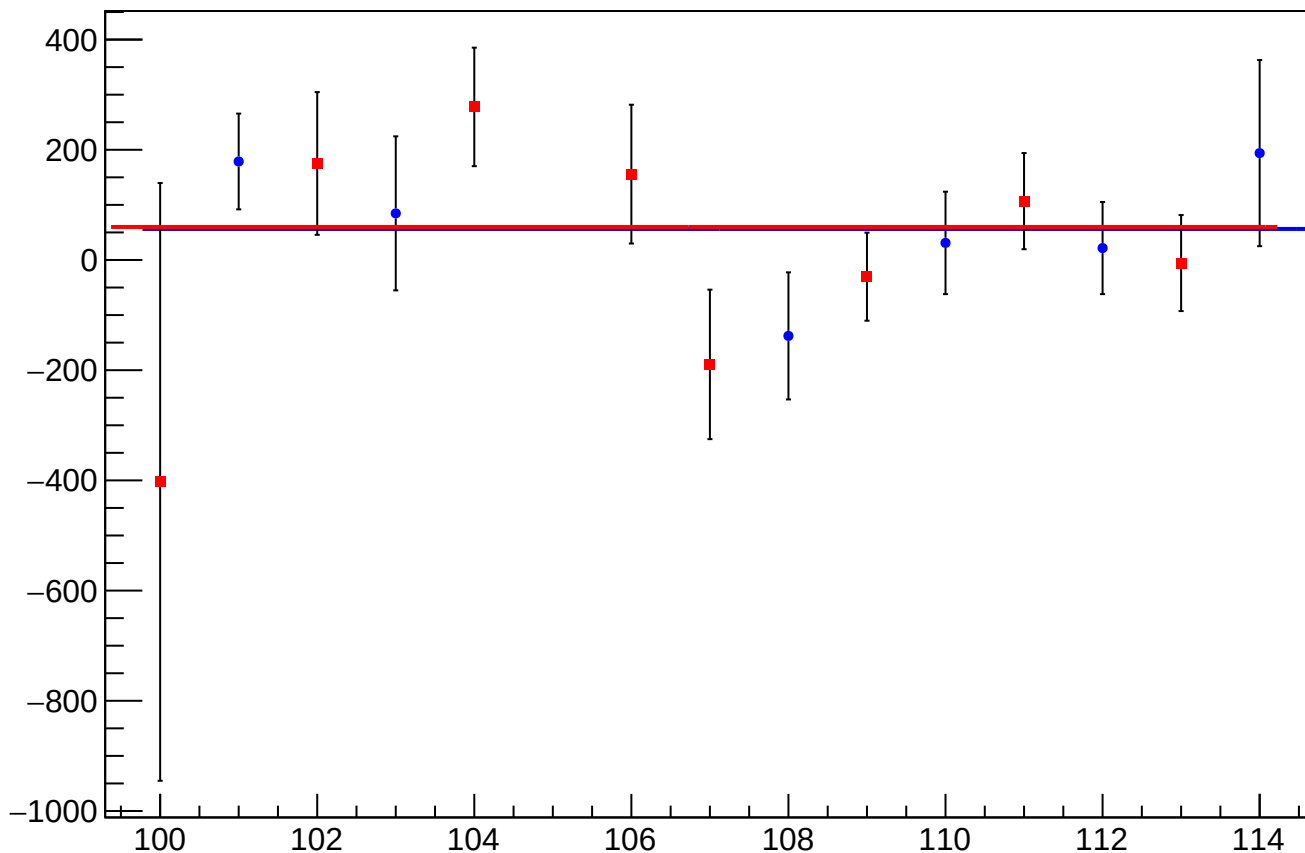
Right: 0.000+/-0.000 χ^2/NDF : 898569.1/13

In: 0.000+/-0.000 χ^2/NDF : 587564.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 898569.1/13

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

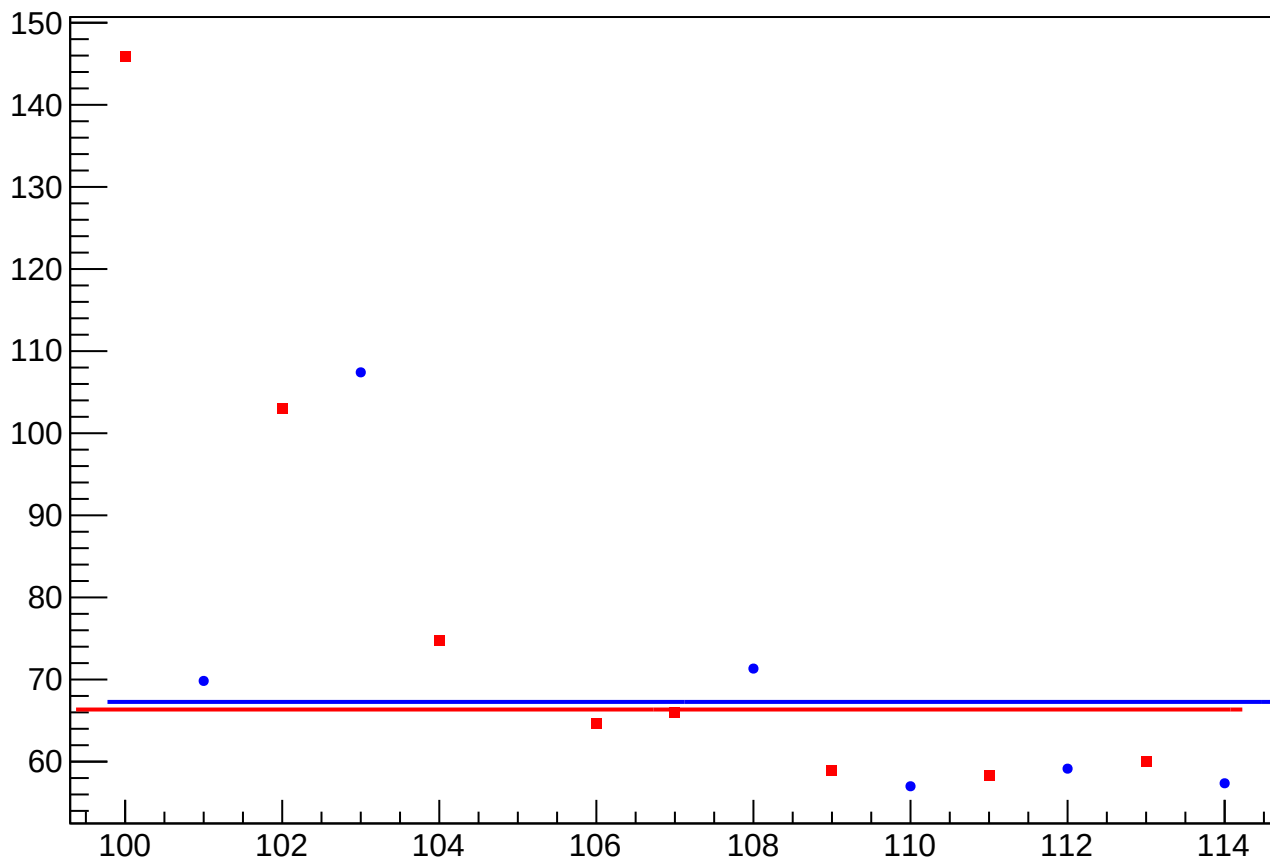
Right: 58.337+/-28.406 χ^2/NDF : 17.5/13

In: 56.343+/-42.539 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.337+/-28.406 χ^2/NDF : 17.5/13

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 67.274 $\pm$ 0.030 χ^2 /NDF: 219351.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.347 $\pm$ 0.027 χ^2 /NDF: 261138.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

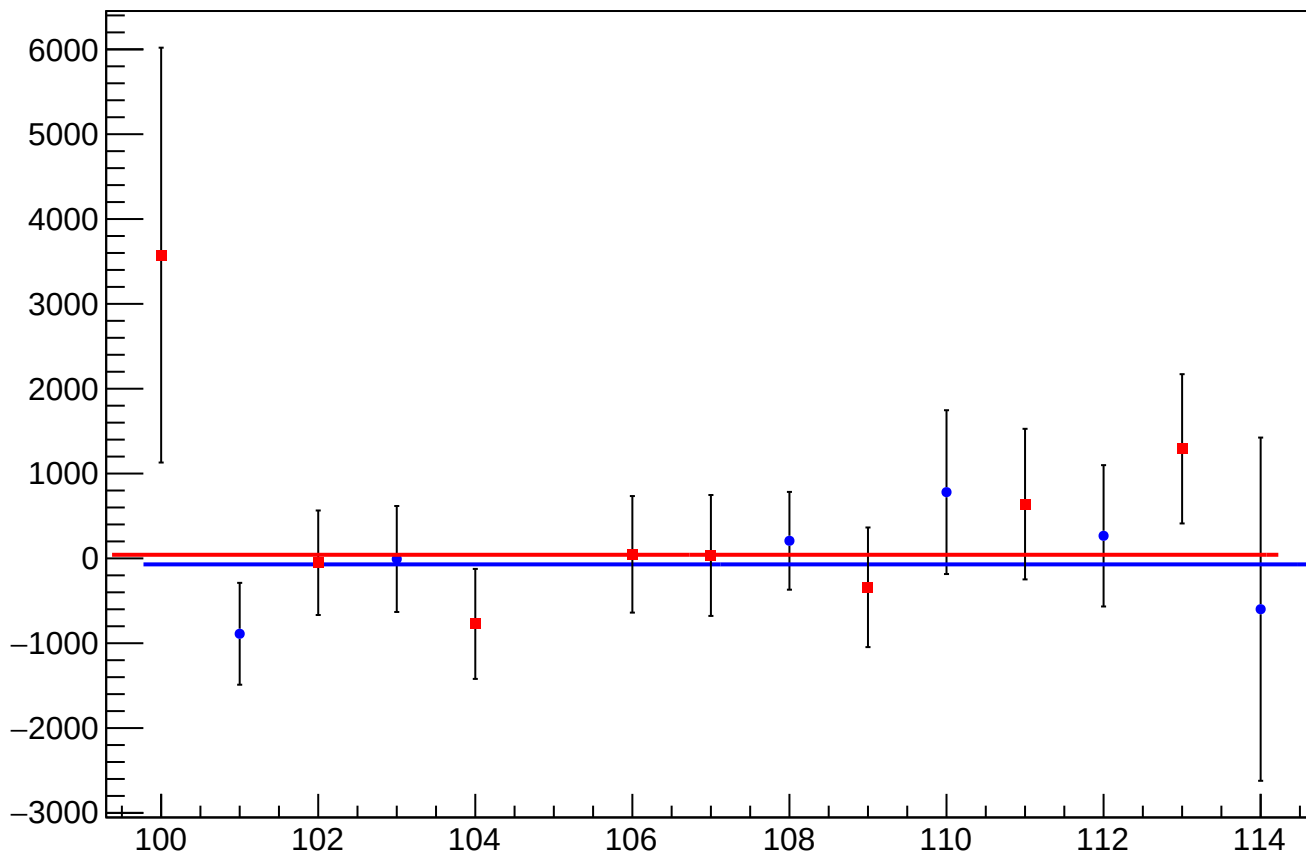
Right: 66.760 $\pm$ 0.020 χ^2 /NDF: 481016.2/13

In: 67.274 $\pm$ 0.030 χ^2 /NDF:219351.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.760 $\pm$ 0.020 χ^2 /NDF: 481016.2/13

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

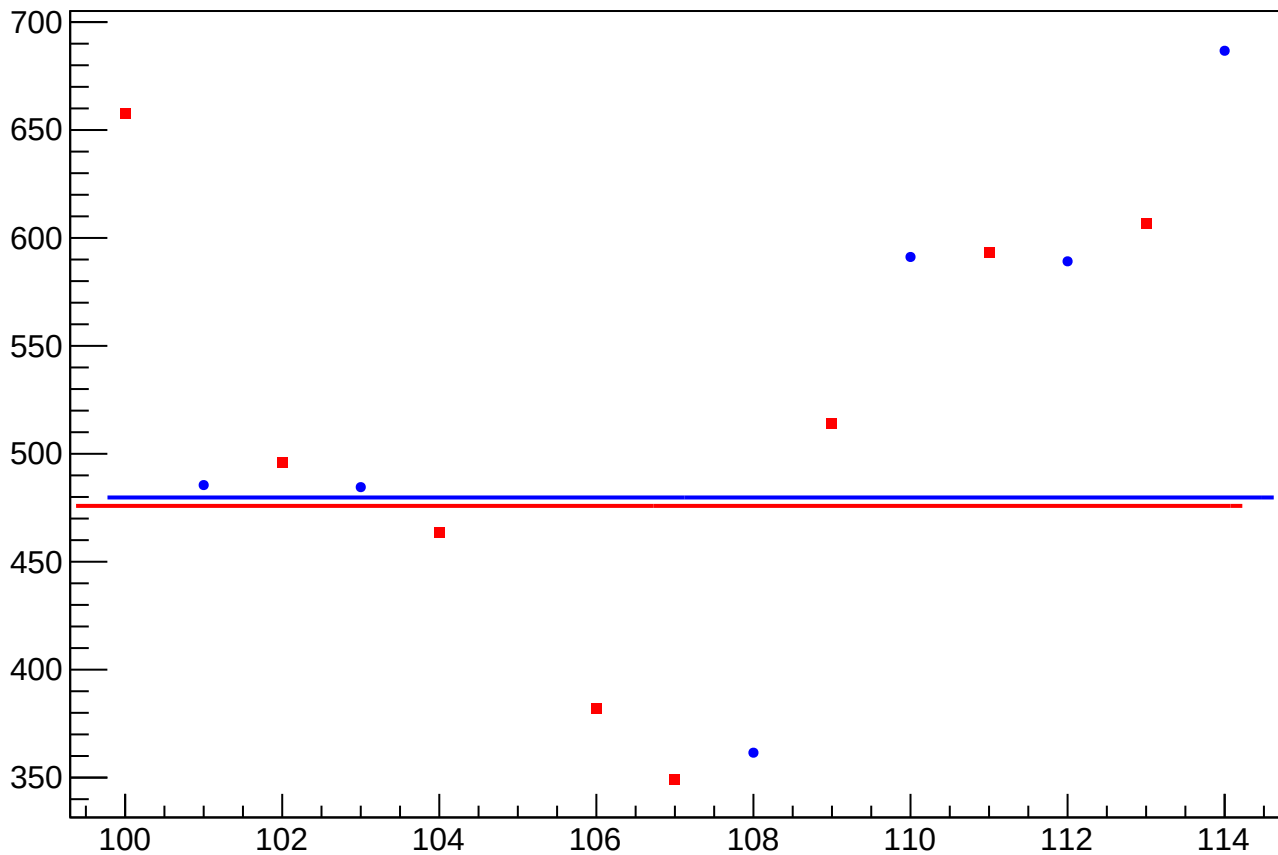
Right: -7.844 $\pm$ 200.196 χ^2 /NDF: 9.6/13

In: -70.638 $\pm$ 300.060 χ^2 /NDF:3.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.844 $\pm$ 200.196 χ^2 /NDF: 9.6/13

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 479.765+/-0.212 χ^2/NDF : 166550.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.867+/-0.190 χ^2/NDF : 199761.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

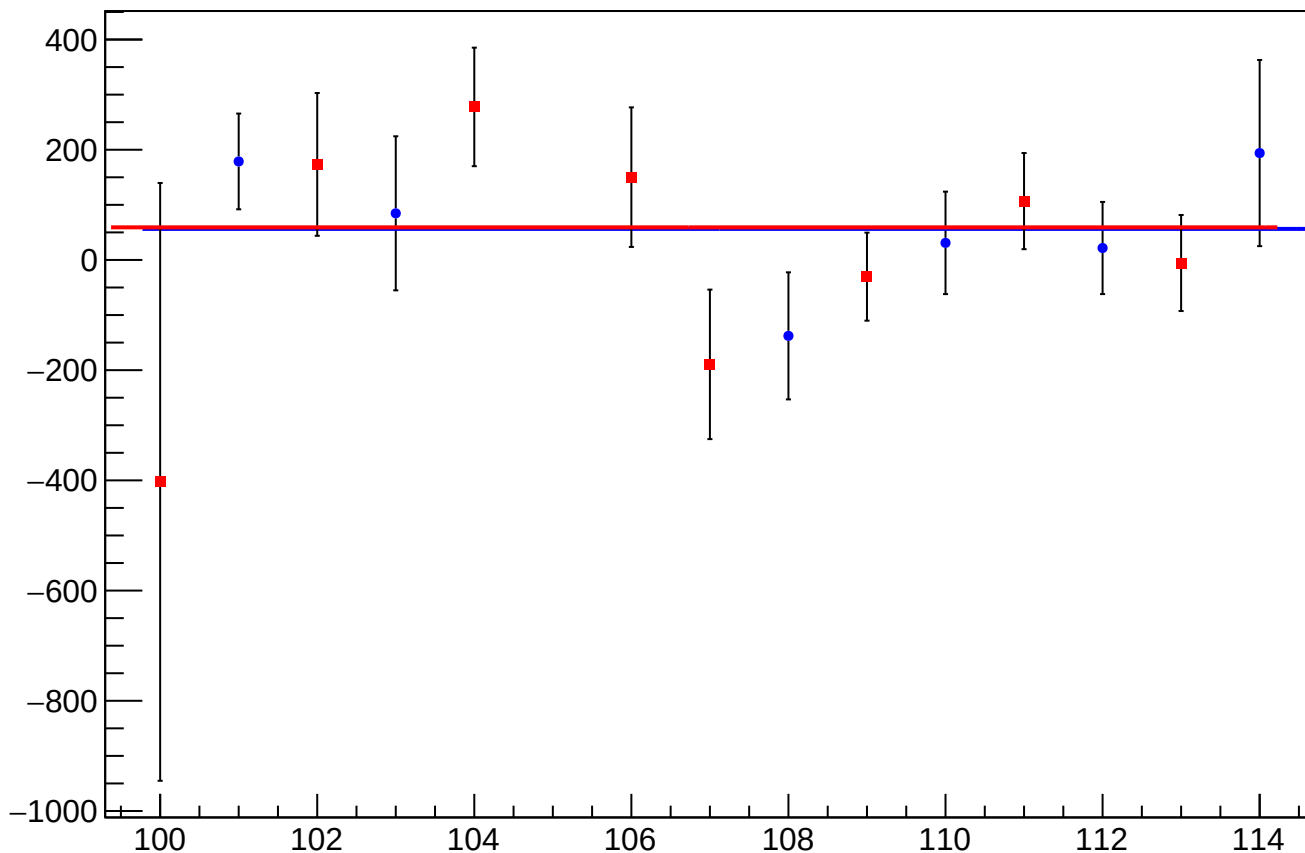
Right: 477.603+/-0.142 χ^2/NDF : 366499.1/13

In: 479.765+/-0.212 χ^2/NDF : 166550.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.603+/-0.142 χ^2/NDF : 366499.1/13

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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: 59.169+/-38.182 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

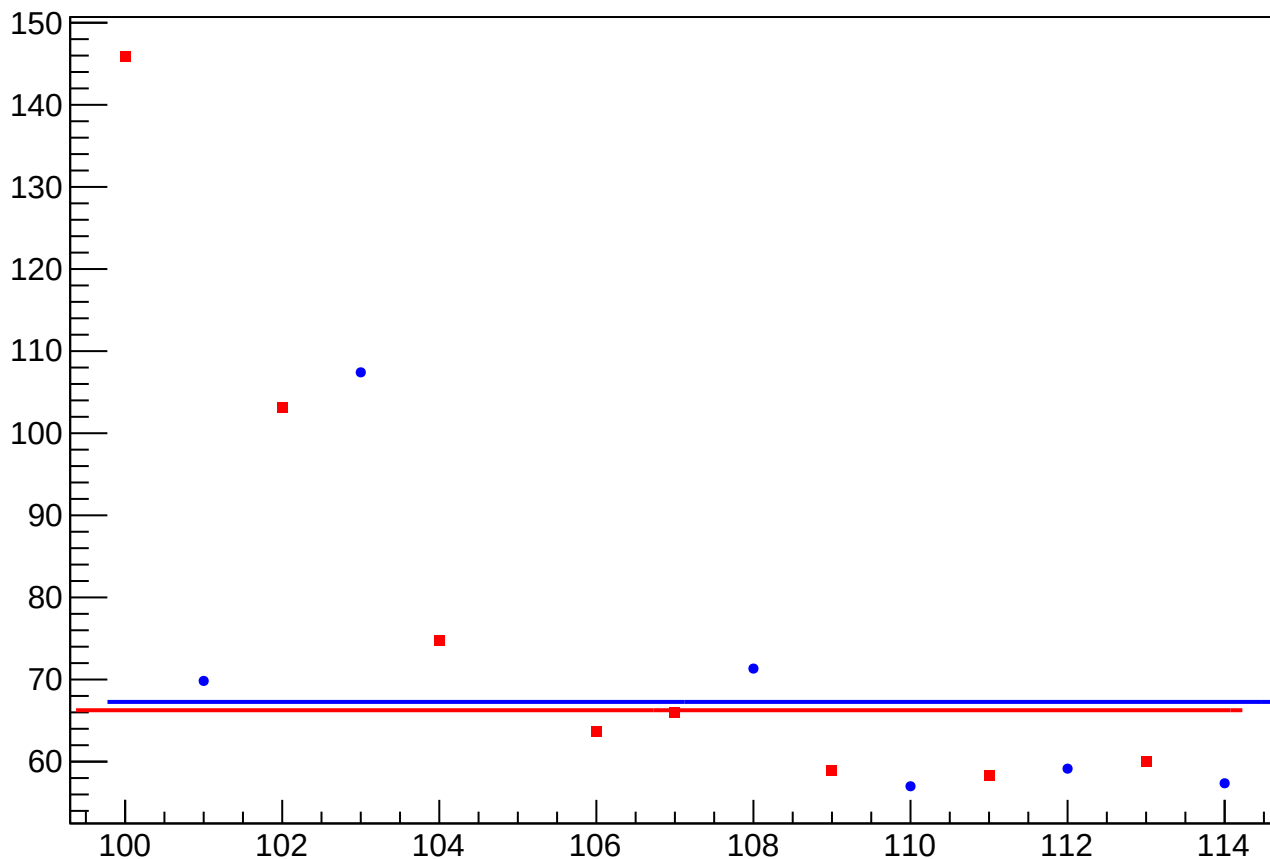
Right: 57.908+/-28.415 χ^2/NDF : 17.4/13

In: 56.343+/-42.539 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.908+/-28.415 χ^2/NDF : 17.4/13

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

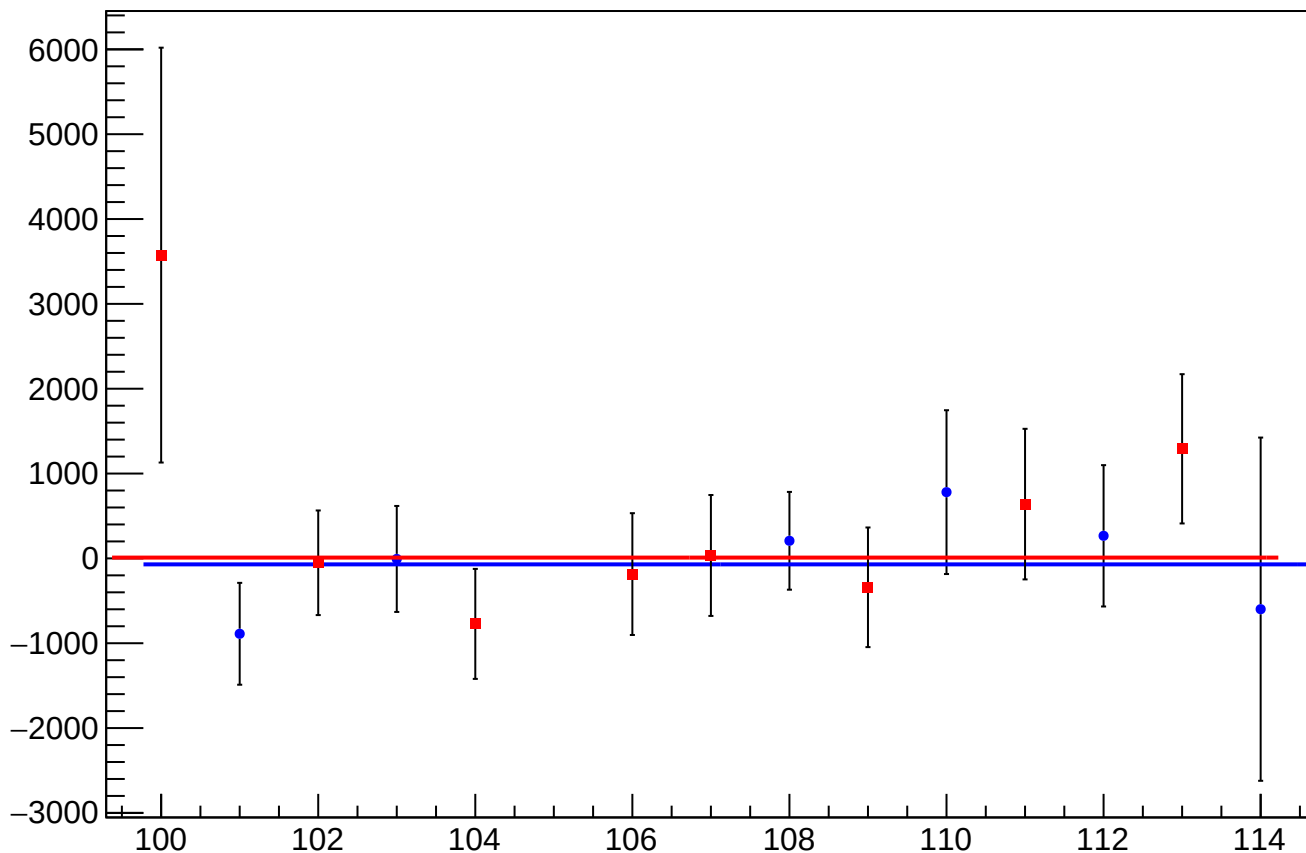
Right: 66.713+/-0.020 χ^2/NDF : 481876.5/13

In: 67.274+/-0.030 χ^2/NDF : 219353.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.713+/-0.020 χ^2/NDF : 481876.5/13

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

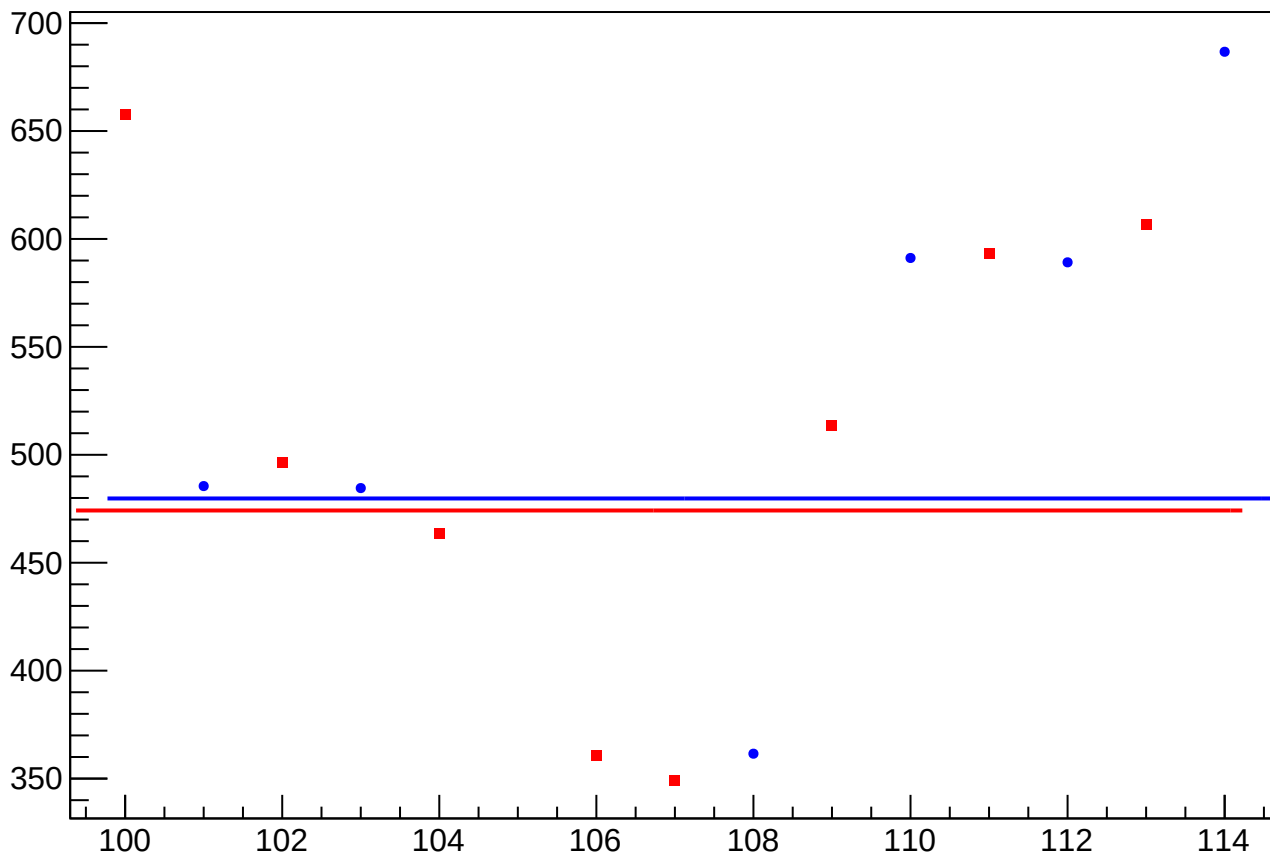
Right: -26.422+/-200.937 χ^2/NDF : 9.7/13

In: -70.525+/-300.065 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.422+/-200.937 χ^2/NDF : 9.7/13

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

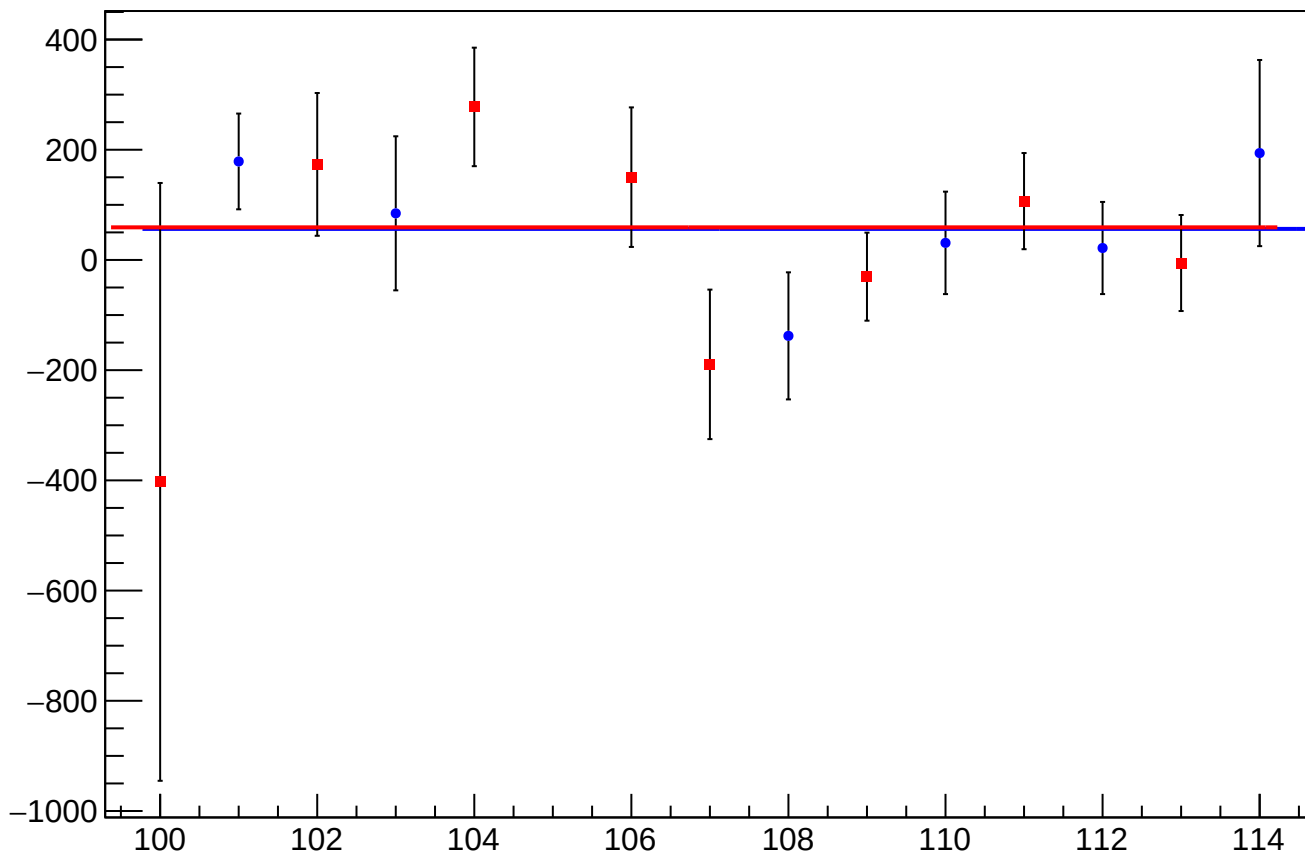
Right: 476.703+/-0.142 χ^2/NDF : 380546.8/13

In: 479.773+/-0.212 χ^2/NDF : 166552.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.703+/-0.142 χ^2/NDF : 380546.8/13

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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: 59.169+/-38.182 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

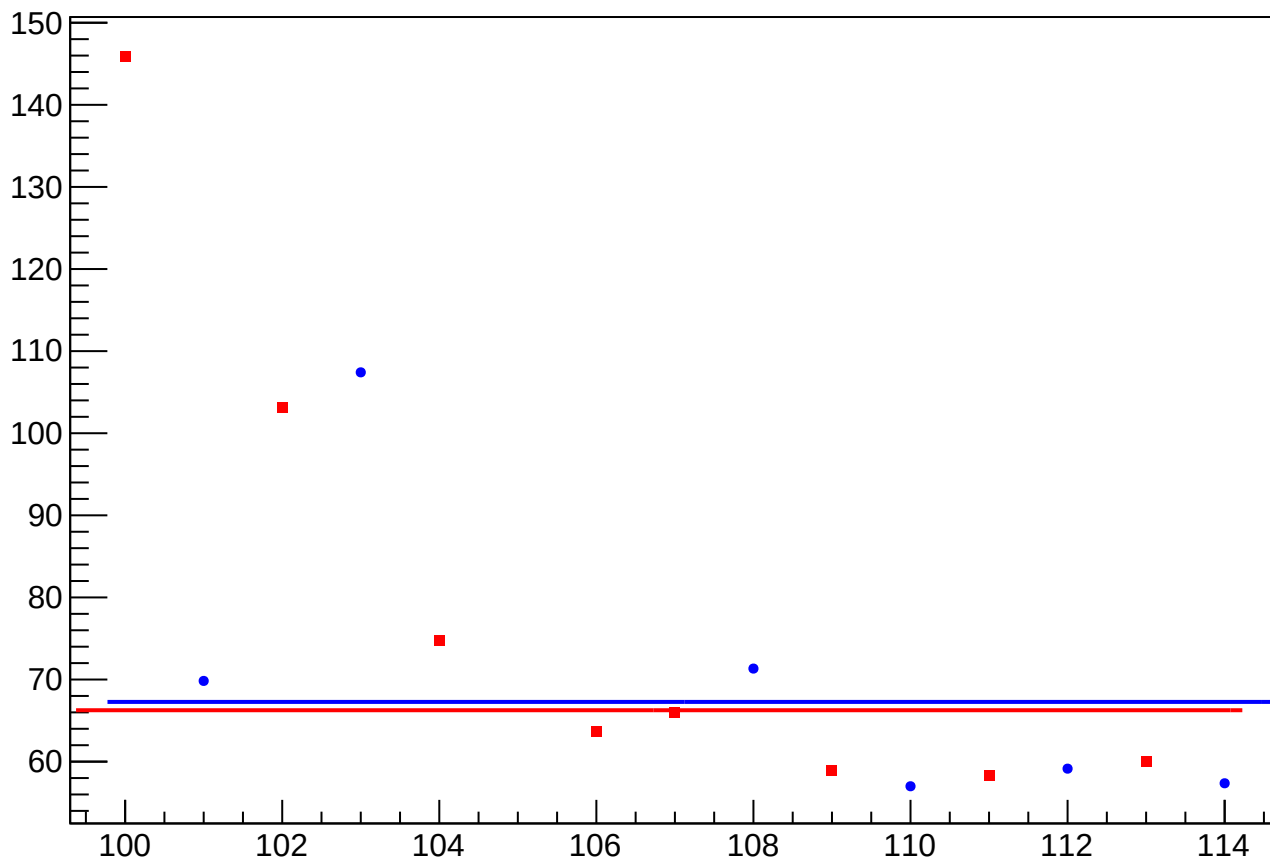
Right: 57.908+/-28.415 χ^2/NDF : 17.4/13

In: 56.343+/-42.539 χ^2/NDF : 5.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.908+/-28.415 χ^2/NDF : 17.4/13

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

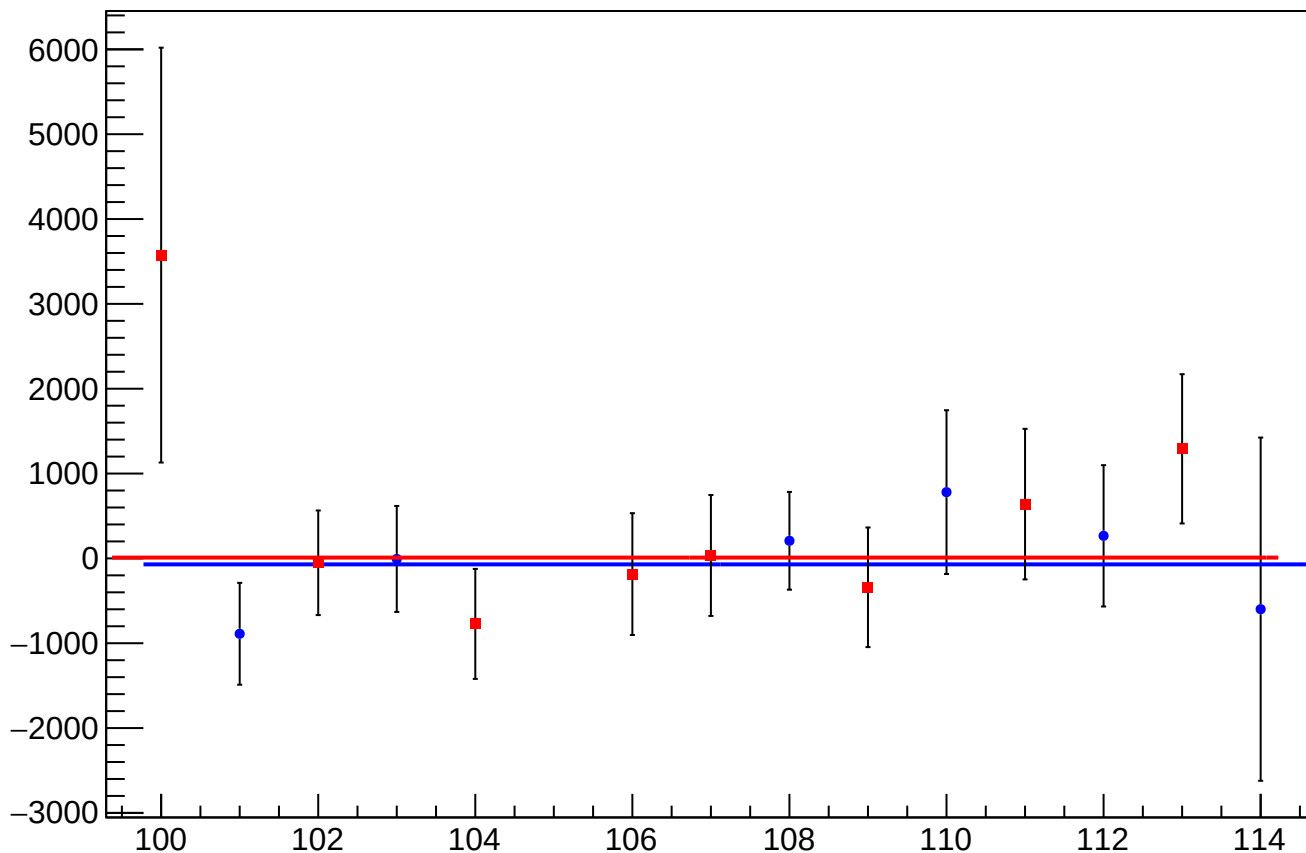
Right: 66.713+/-0.020 χ^2/NDF : 481876.5/13

In: 67.274+/-0.030 χ^2/NDF : 219353.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.713+/-0.020 χ^2/NDF : 481876.5/13

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

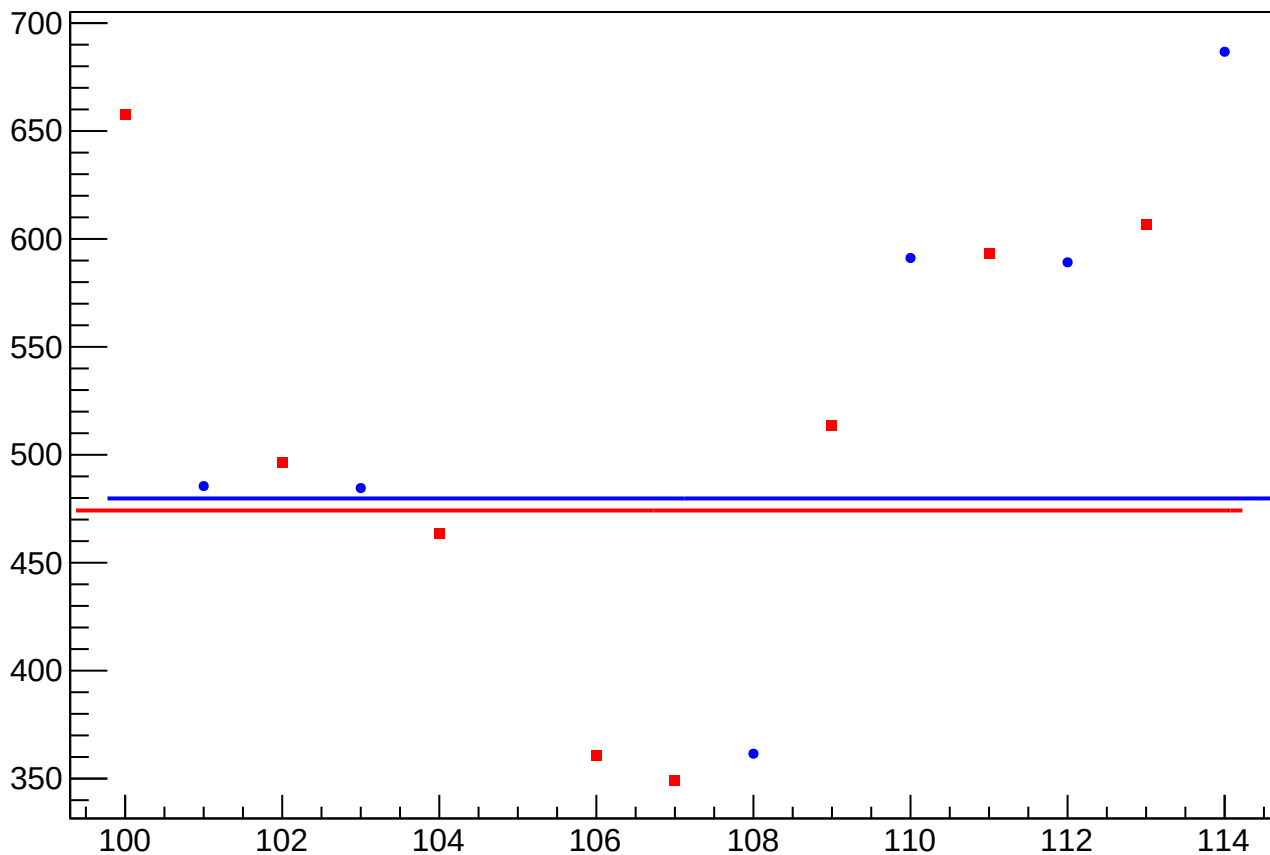
Right: -26.422+/-200.937 χ^2/NDF : 9.7/13

In: -70.525+/-300.065 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.422+/-200.937 χ^2/NDF : 9.7/13

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

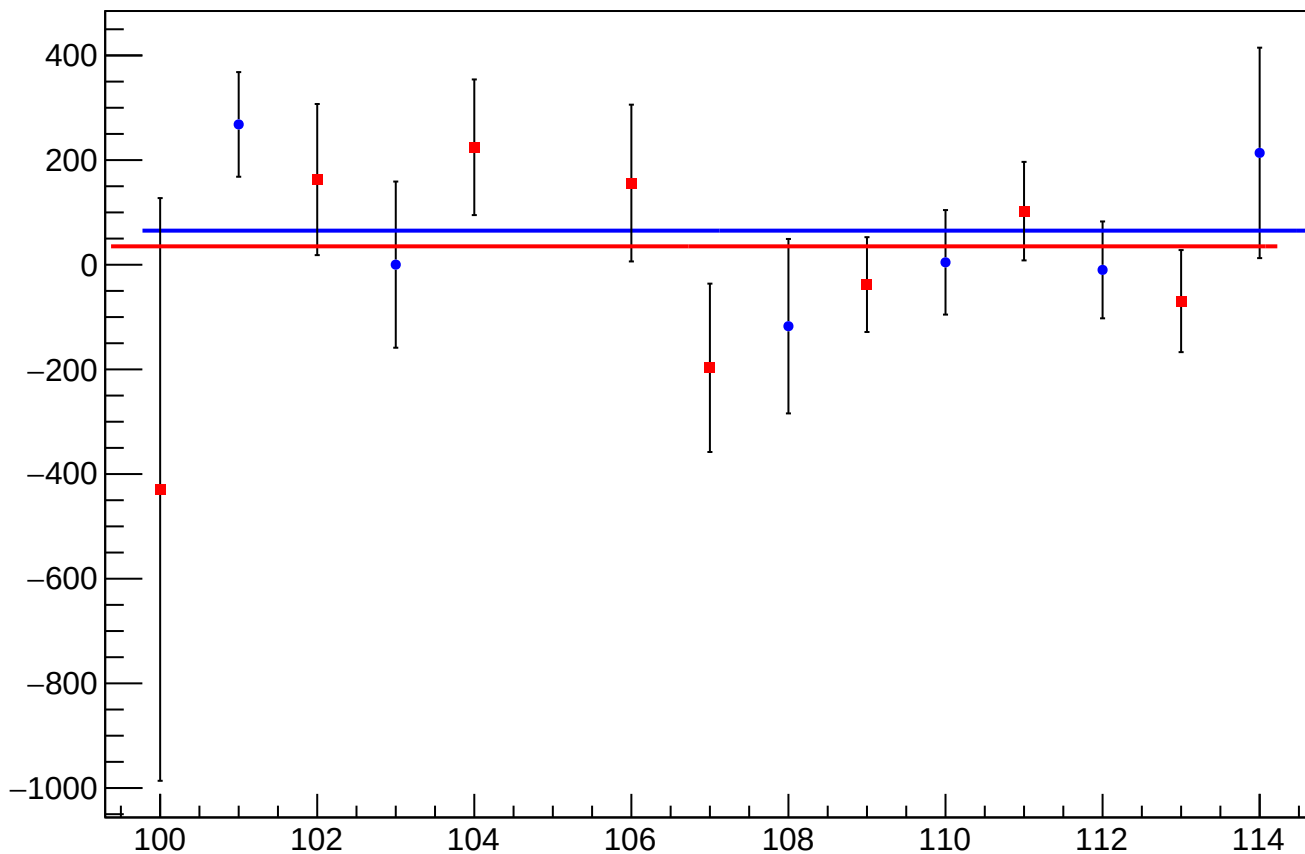
Right: 476.703+/-0.142 χ^2/NDF : 380546.8/13

In: 479.773+/-0.212 χ^2/NDF : 166552.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.703+/-0.142 χ^2/NDF : 380546.8/13

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

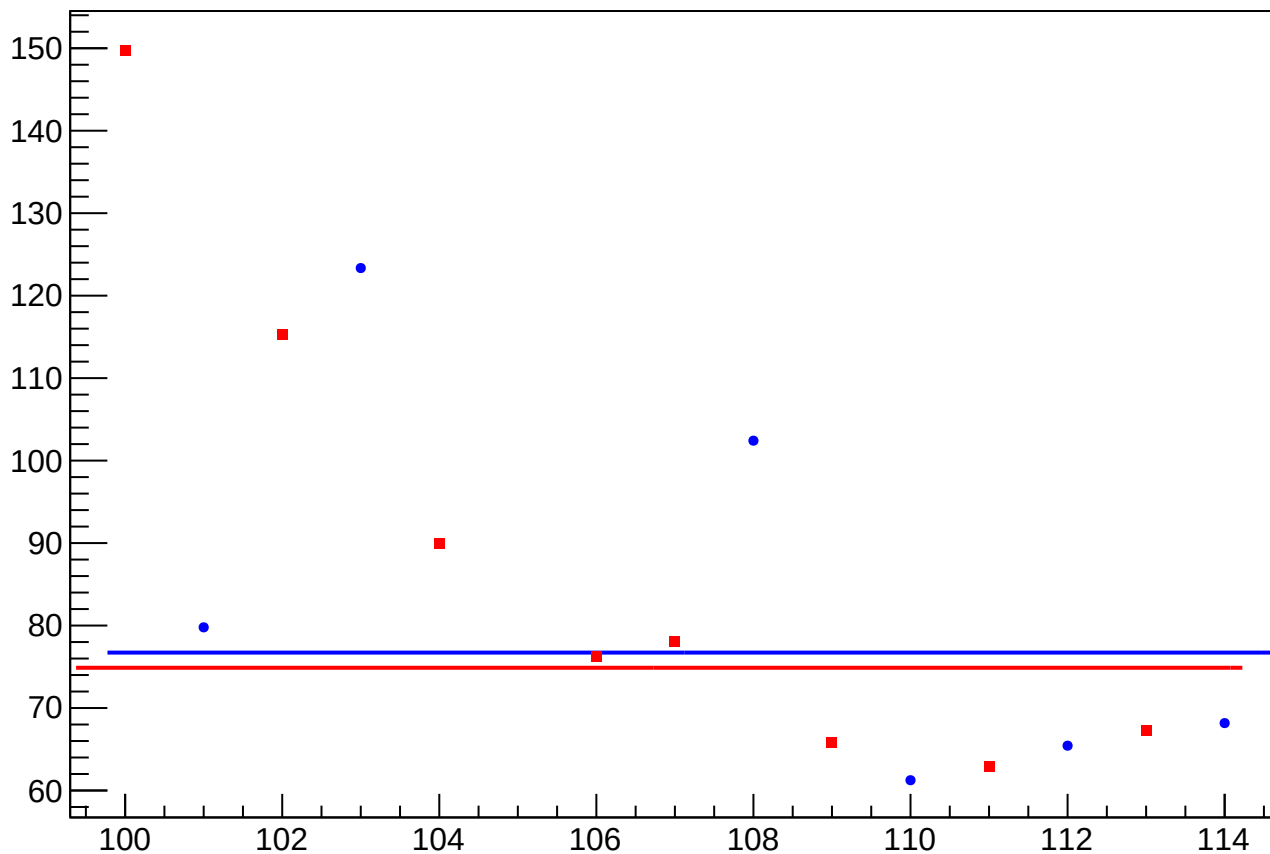
Right: 48.337+/-32.427 χ^2/NDF : 15.9/13

In: 65.173+/-48.950 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.337+/-32.427 χ^2/NDF : 15.9/13

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

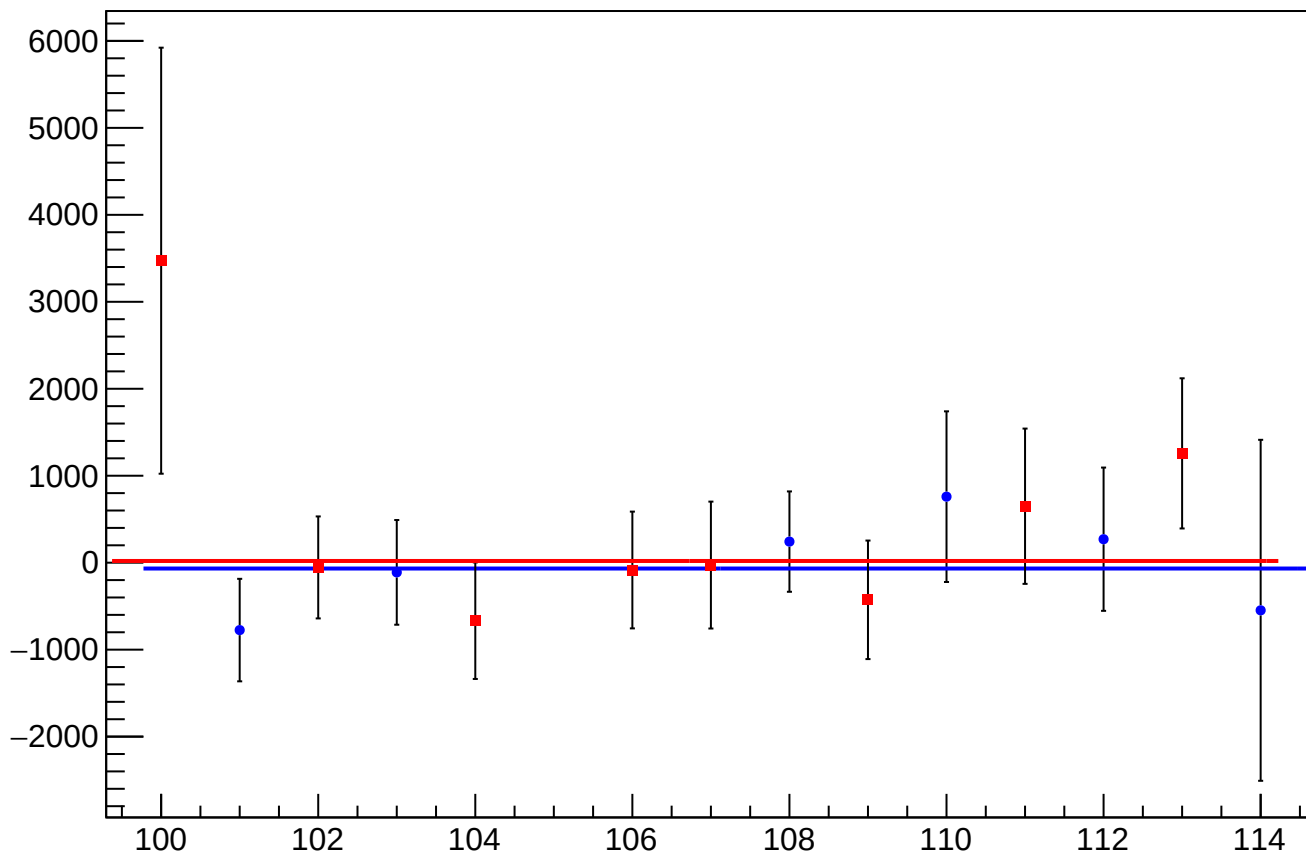
Right: 75.689 $\pm$ 0.023 χ^2 /NDF: 589955.9/13

In: 76.721 $\pm$ 0.035 χ^2 /NDF:303208.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.689 $\pm$ 0.023 χ^2 /NDF: 589955.9/13

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

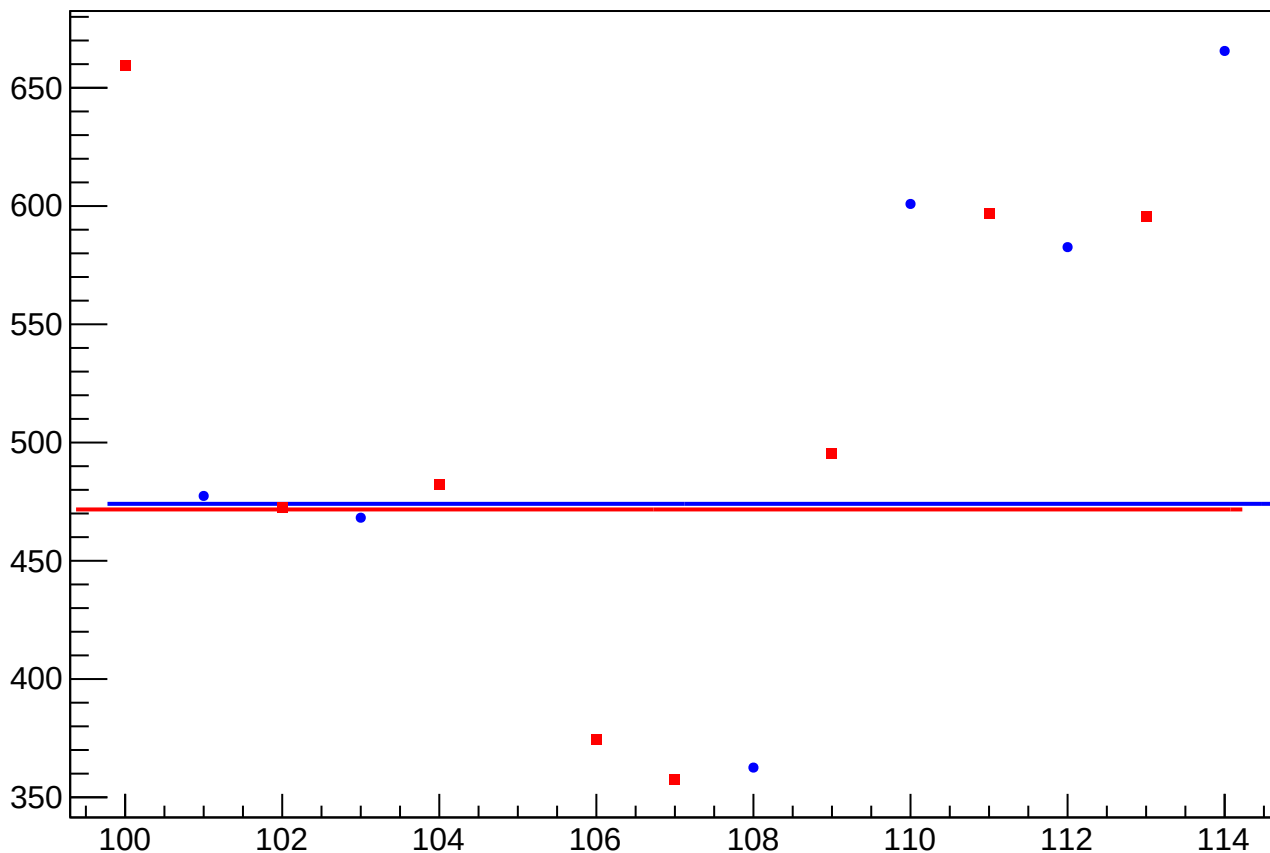
Right: -19.049+/-197.784 χ^2/NDF : 8.8/13

In: -67.079+/-295.982 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.049+/-197.784 χ^2/NDF : 8.8/13

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

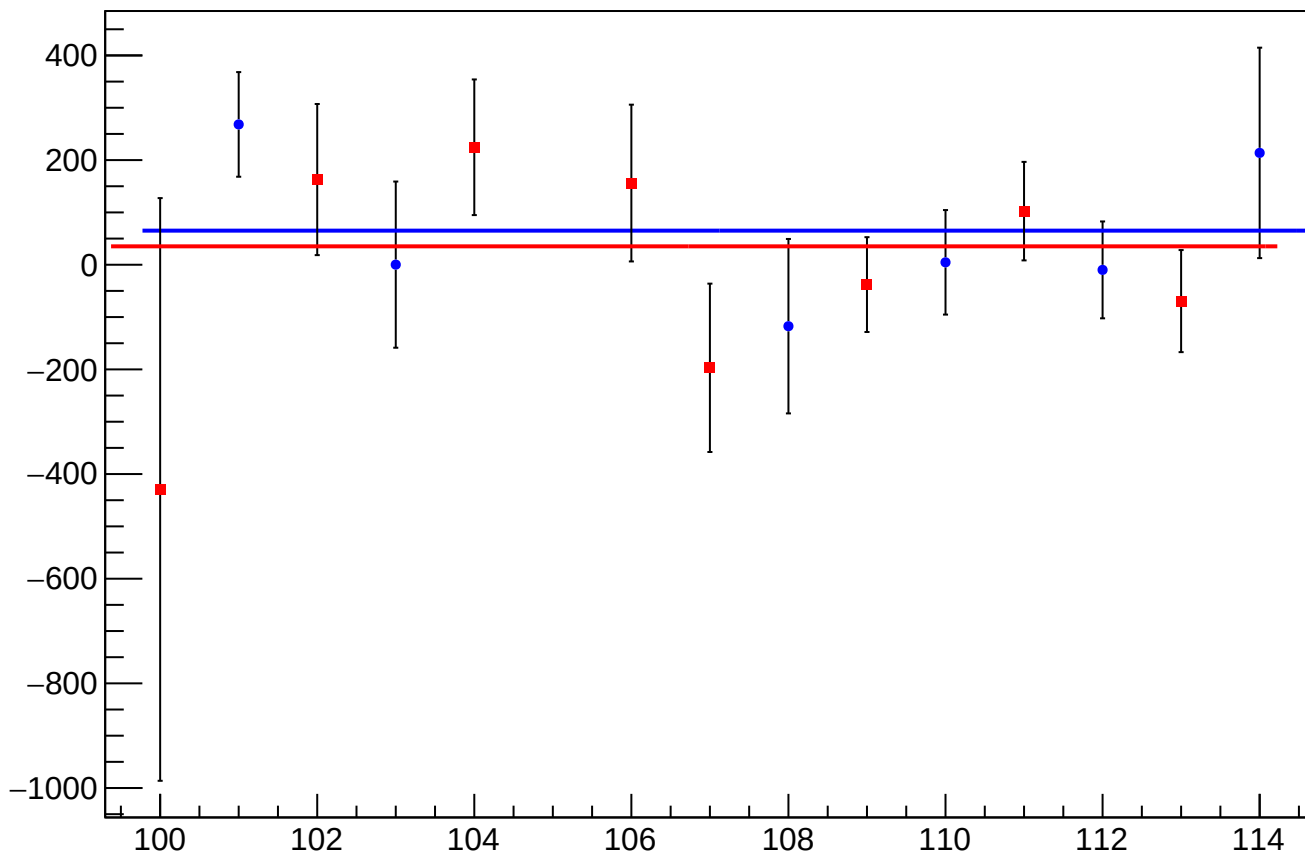
Right: 472.771 $\pm$ 0.140 χ^2 /NDF: 348133.4/13

In: 474.084 $\pm$ 0.209 χ^2 /NDF:162187.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 472.771 $\pm$ 0.140 χ^2 /NDF: 348133.4/13

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 65.175+/-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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

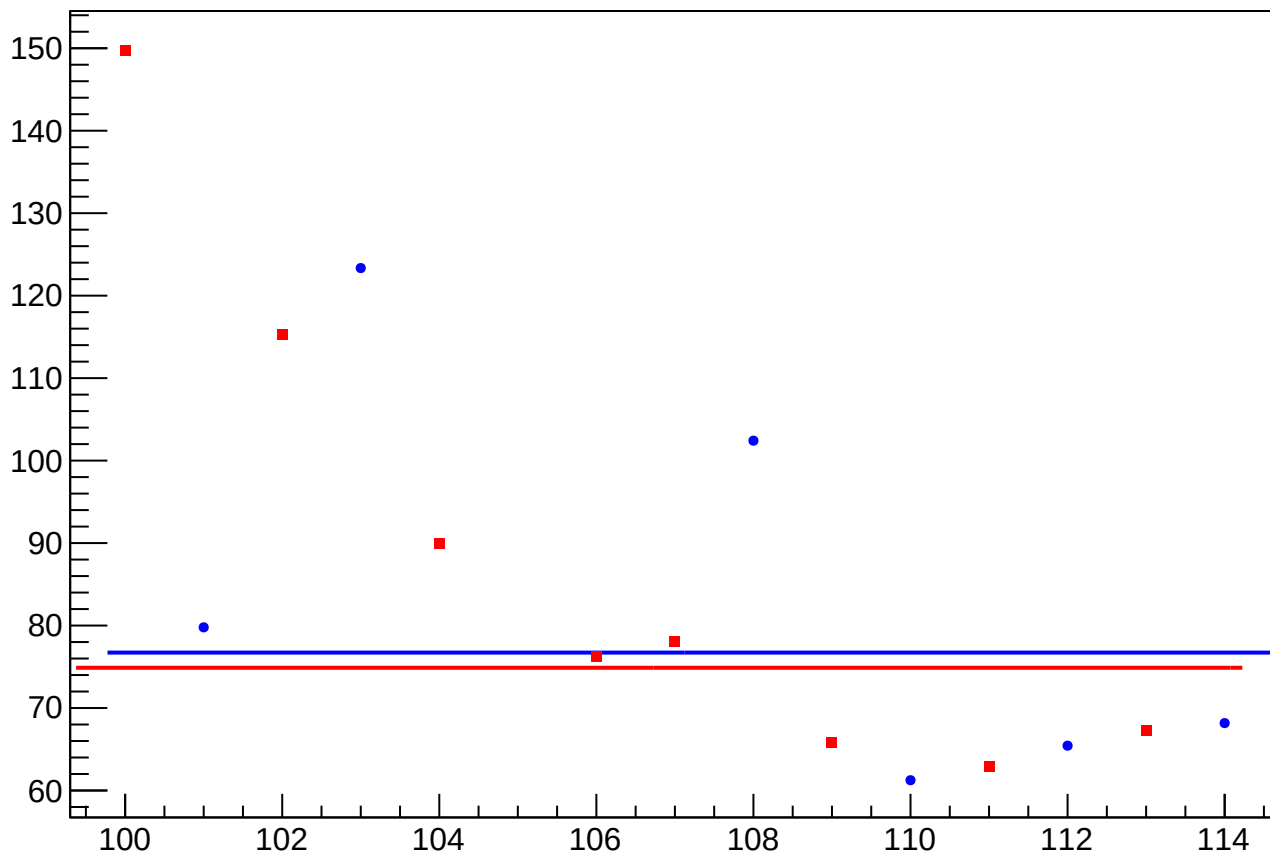
Right: 48.338+/-32.427 χ^2/NDF : 15.9/13

In: 65.175+/-48.950 χ^2/NDF : 7.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.338+/-32.427 χ^2/NDF : 15.9/13

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 76.721+/-0.035 χ^2/NDF : 303214.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.883+/-0.031 χ^2/NDF : 285164.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

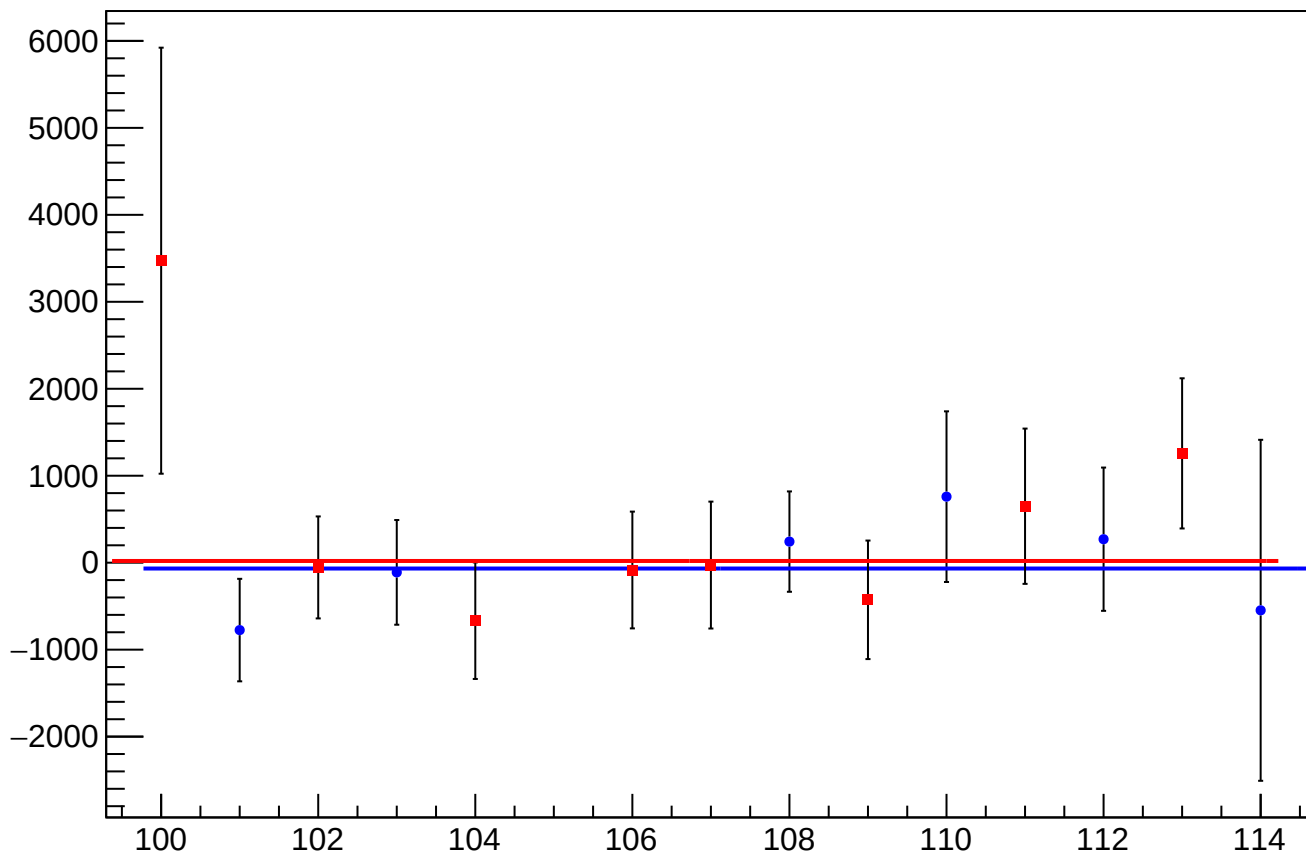
Right: 75.690+/-0.023 χ^2/NDF : 589962.8/13

In: 76.721+/-0.035 χ^2/NDF : 303214.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.690+/-0.023 χ^2/NDF : 589962.8/13

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

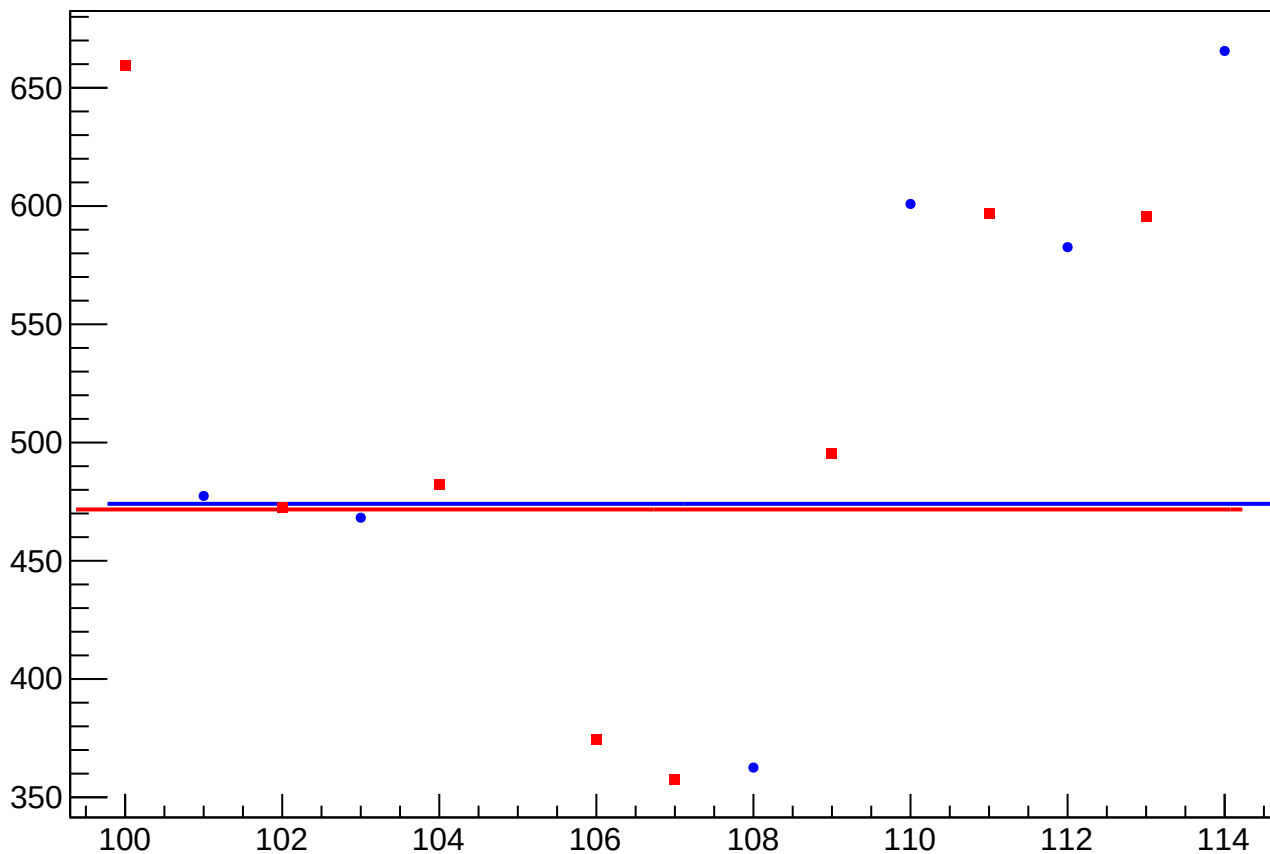
Right: -19.050 $\pm$ 197.783 χ^2 /NDF: 8.8/13

In: -67.079 $\pm$ 295.981 χ^2 /NDF:2.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.050 $\pm$ 197.783 χ^2 /NDF: 8.8/13

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 474.083+/-0.209 χ^2/NDF : 162187.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.710+/-0.188 χ^2/NDF : 185874.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

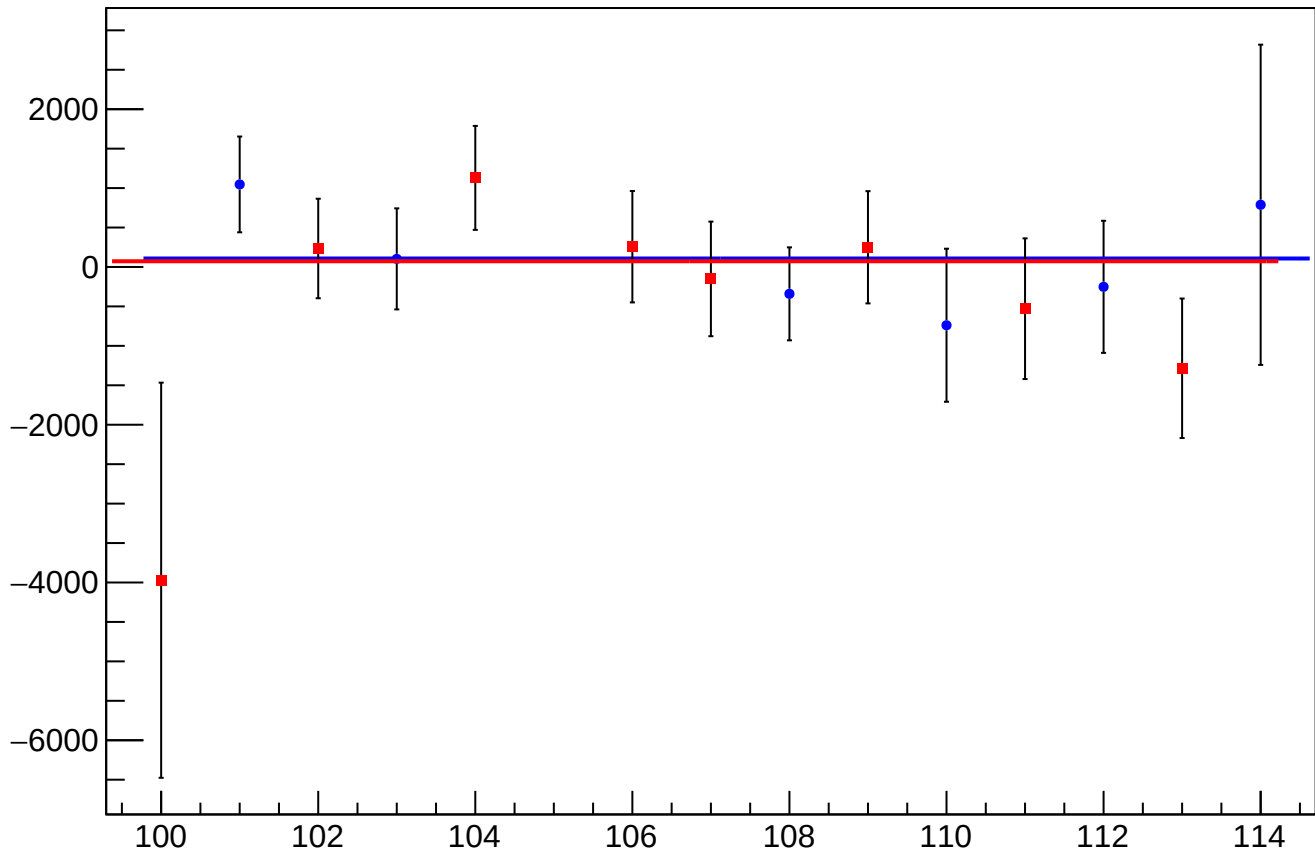
Right: 472.770+/-0.140 χ^2/NDF : 348133.8/13

In: 474.083+/-0.209 χ^2/NDF : 162187.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.770+/-0.140 χ^2/NDF : 348133.8/13

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 107.246+/-304.843 χ^2/NDF : 4.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.375+/-273.292 χ^2/NDF : 8.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

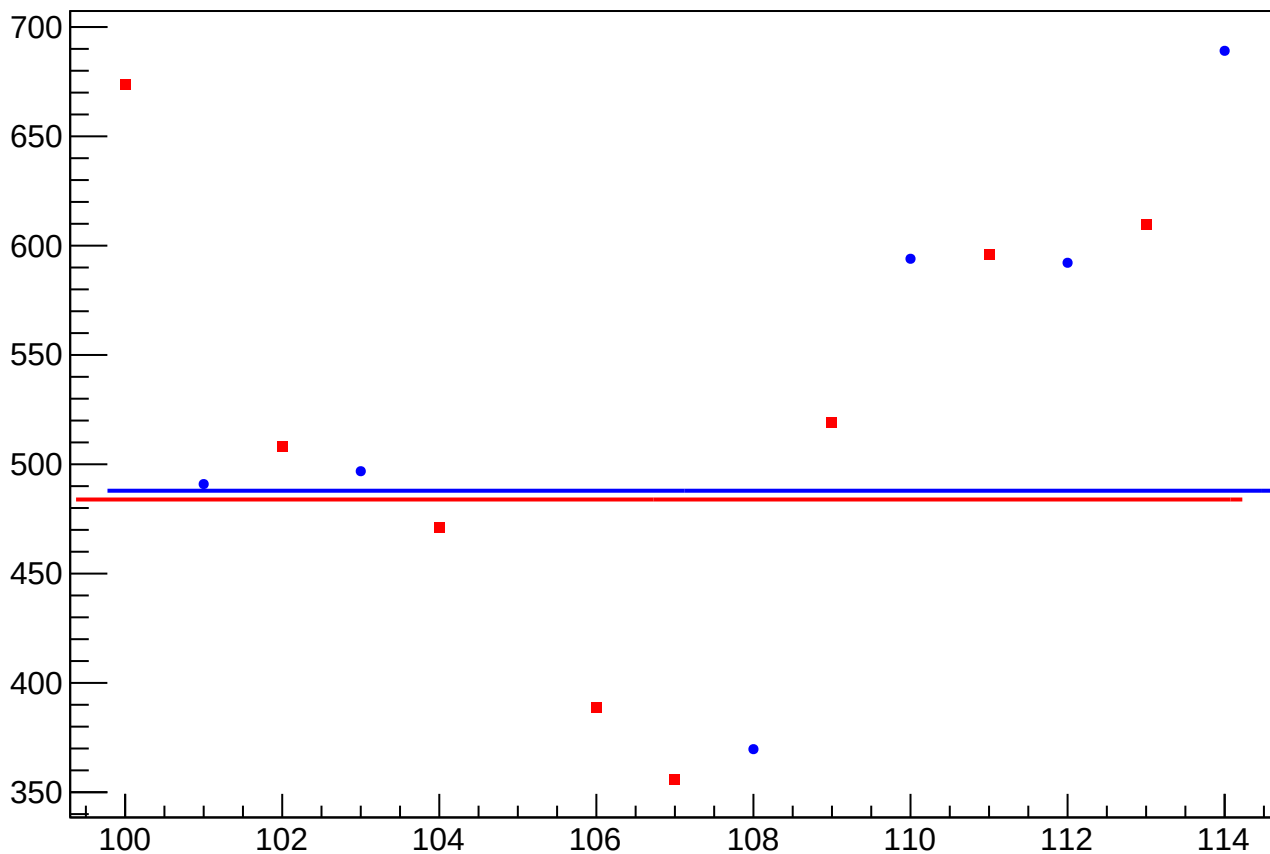
Right: 87.913+/-203.490 χ^2/NDF : 12.3/13

In: 107.246+/-304.843 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.913+/-203.490 χ^2/NDF : 12.3/13

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 487.907+/-0.216 χ^2/NDF : 155487.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 483.889+/-0.193 χ^2/NDF : 190616.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

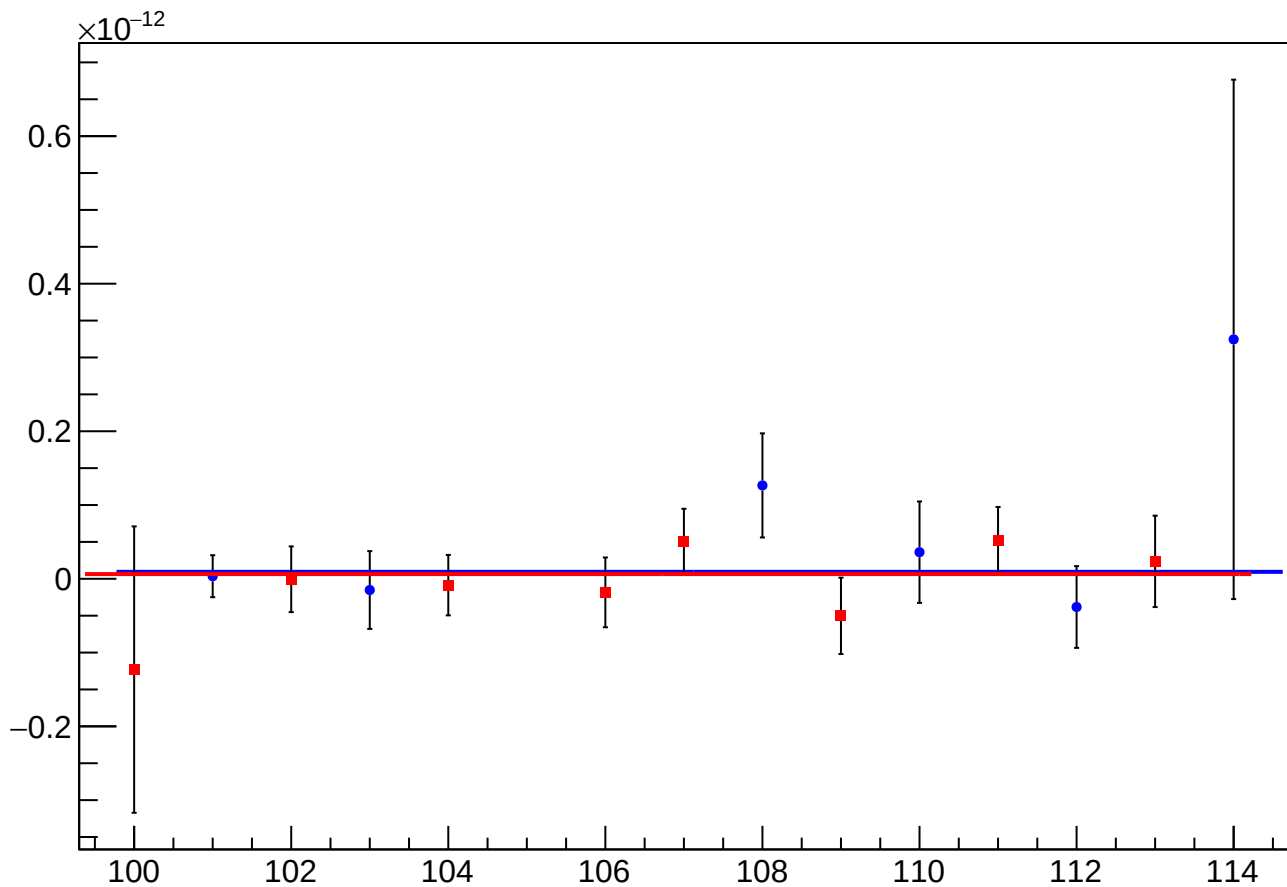
Right: 485.679+/-0.144 χ^2/NDF : 346296.2/13

In: 487.907+/-0.216 χ^2/NDF : 155487.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.679+/-0.144 χ^2/NDF : 346296.2/13

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

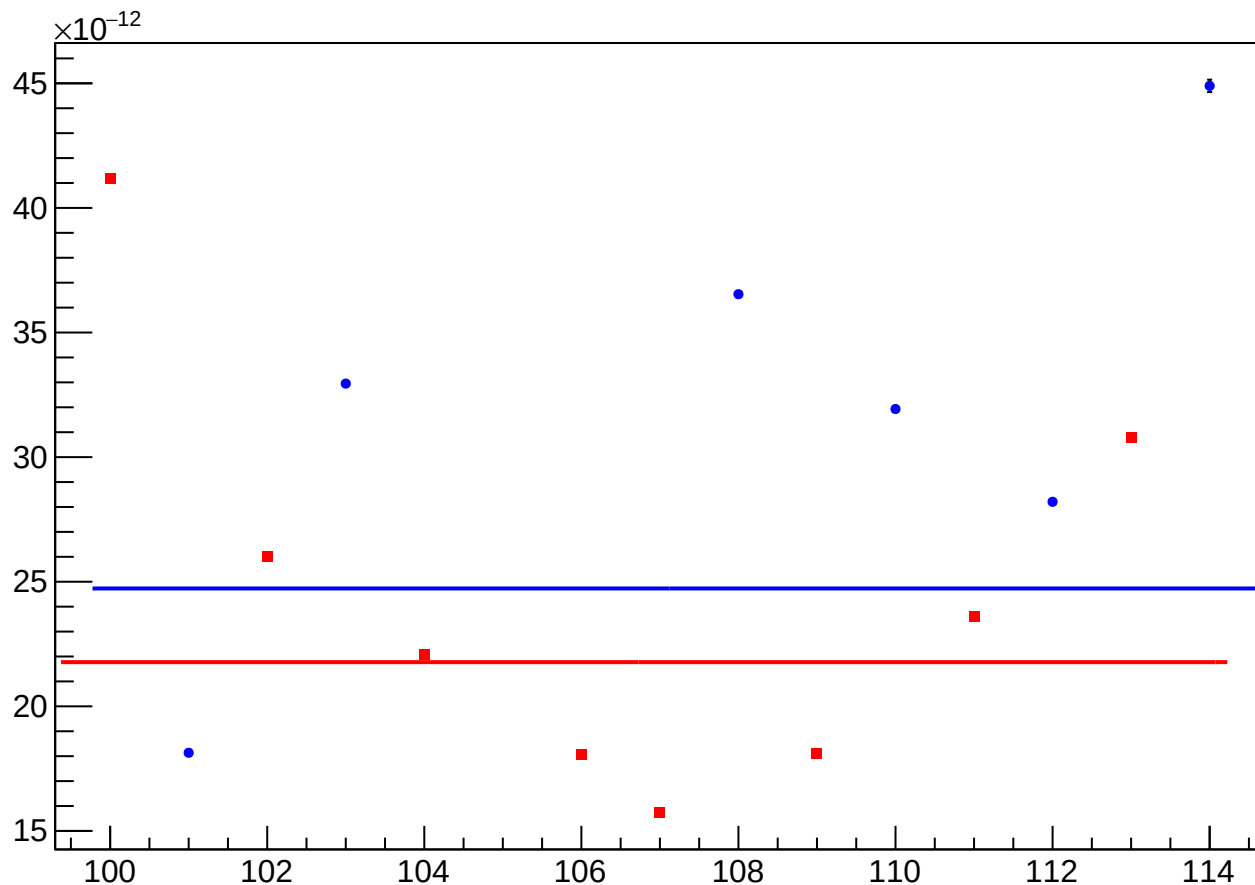
Right: 0.000+/-0.000 χ^2/NDF : 8.8/13

In: 0.000+/-0.000 χ^2/NDF : 4.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/13

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

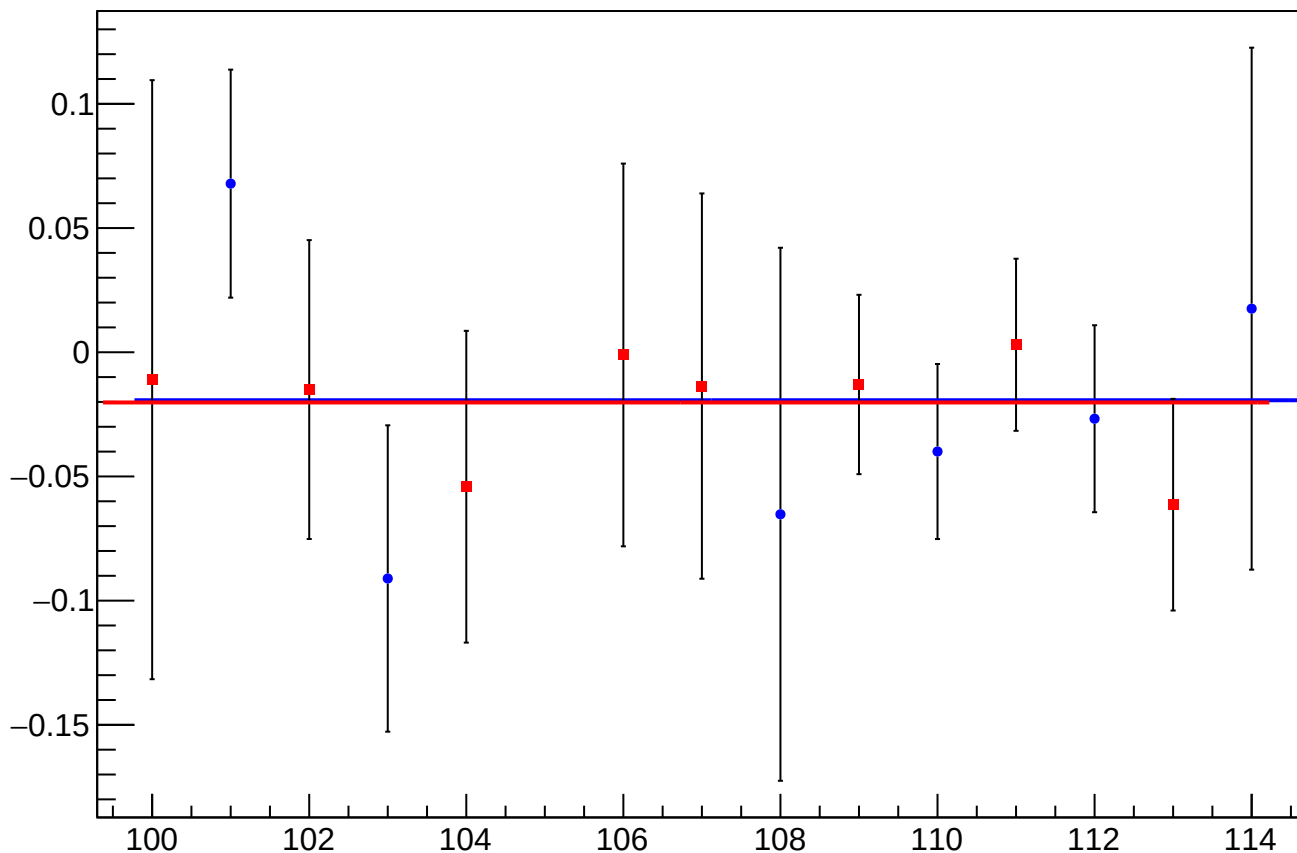
Right: 0.000+/-0.000 χ^2/NDF : 414771.7/13

In: 0.000+/-0.000 χ^2/NDF : 248534.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 414771.7/13

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 5.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.018 χ^2/NDF : 1.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

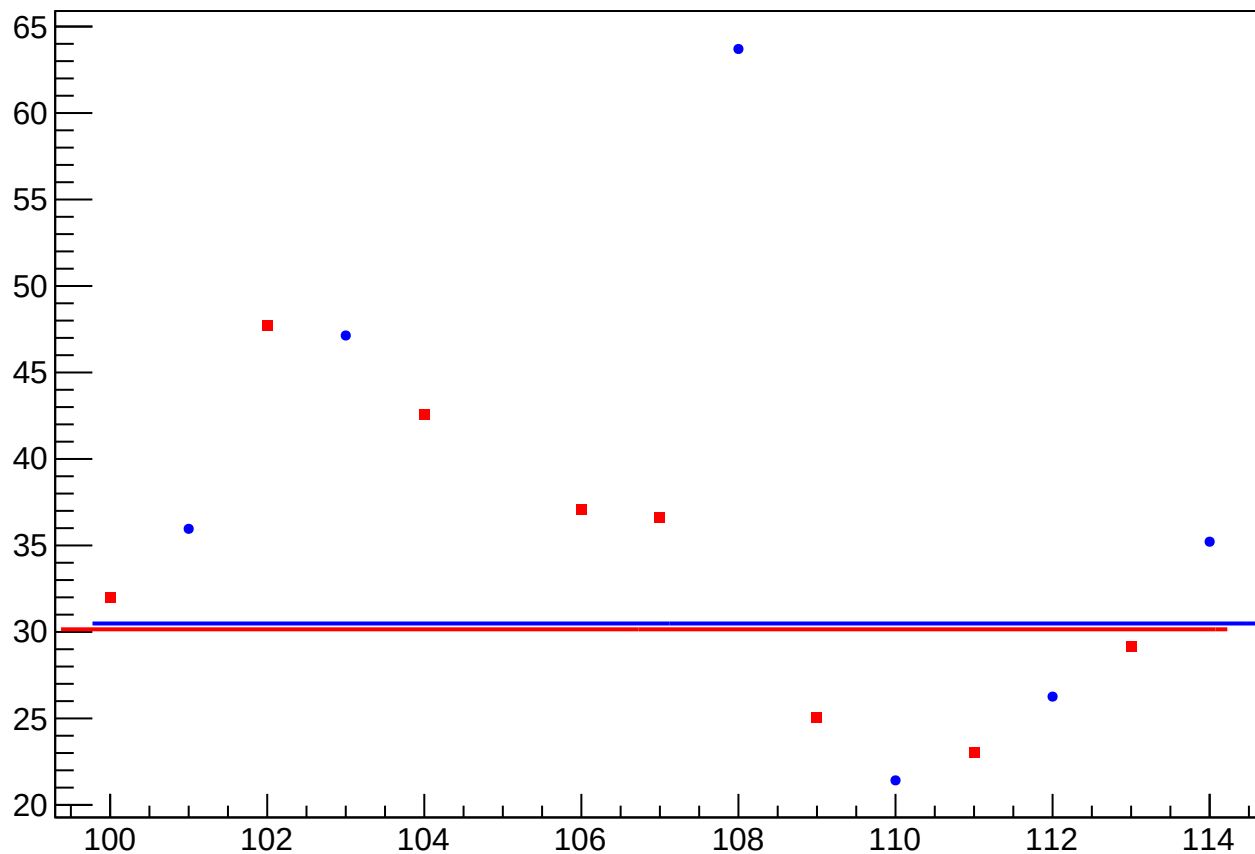
Right: -0.020+/-0.013 χ^2/NDF : 7.5/13

In: -0.019+/-0.020 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.013 χ^2/NDF : 7.5/13

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

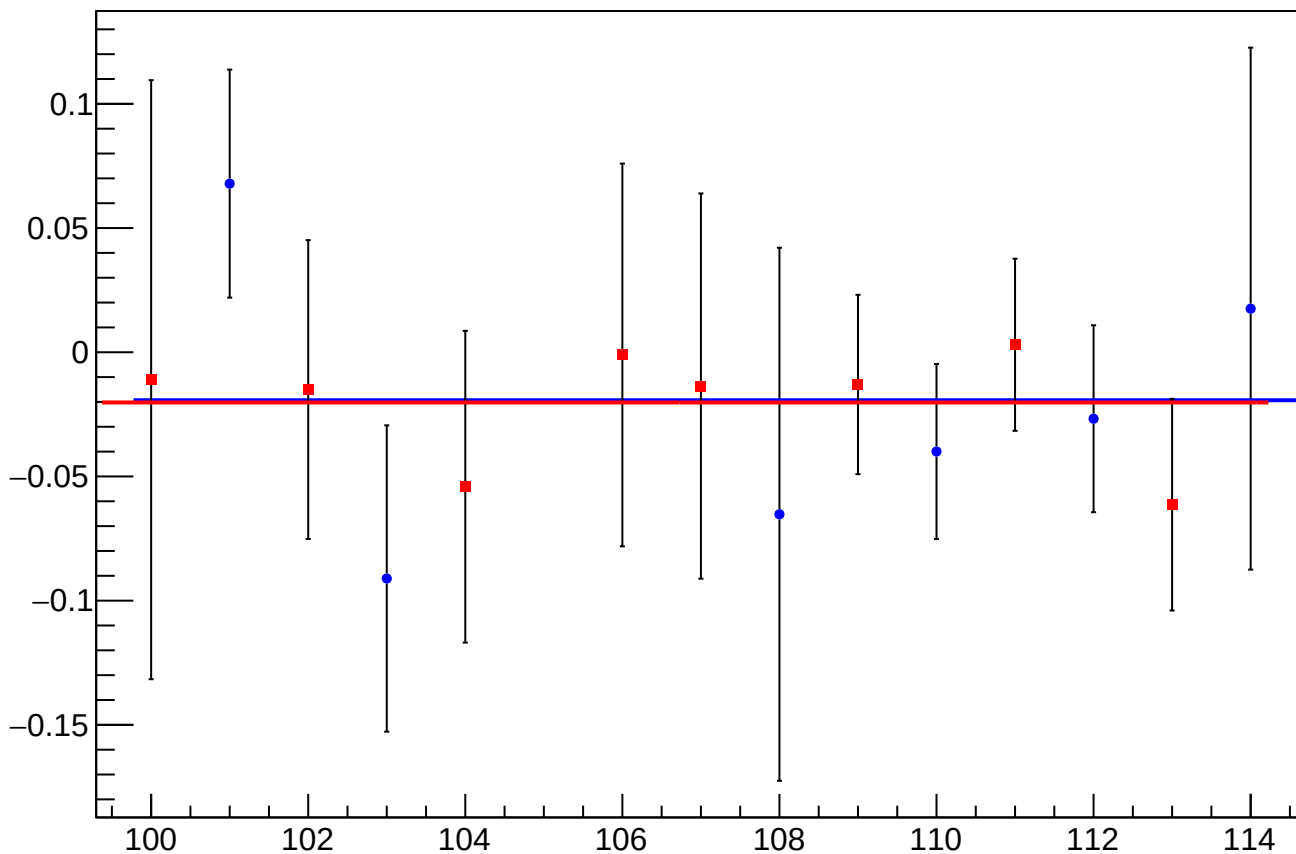
Right: 30.300+/-0.010 χ^2/NDF : 933260.1/13

In: 30.488+/-0.014 χ^2/NDF :527697.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.300+/-0.010 χ^2/NDF : 933260.1/13

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

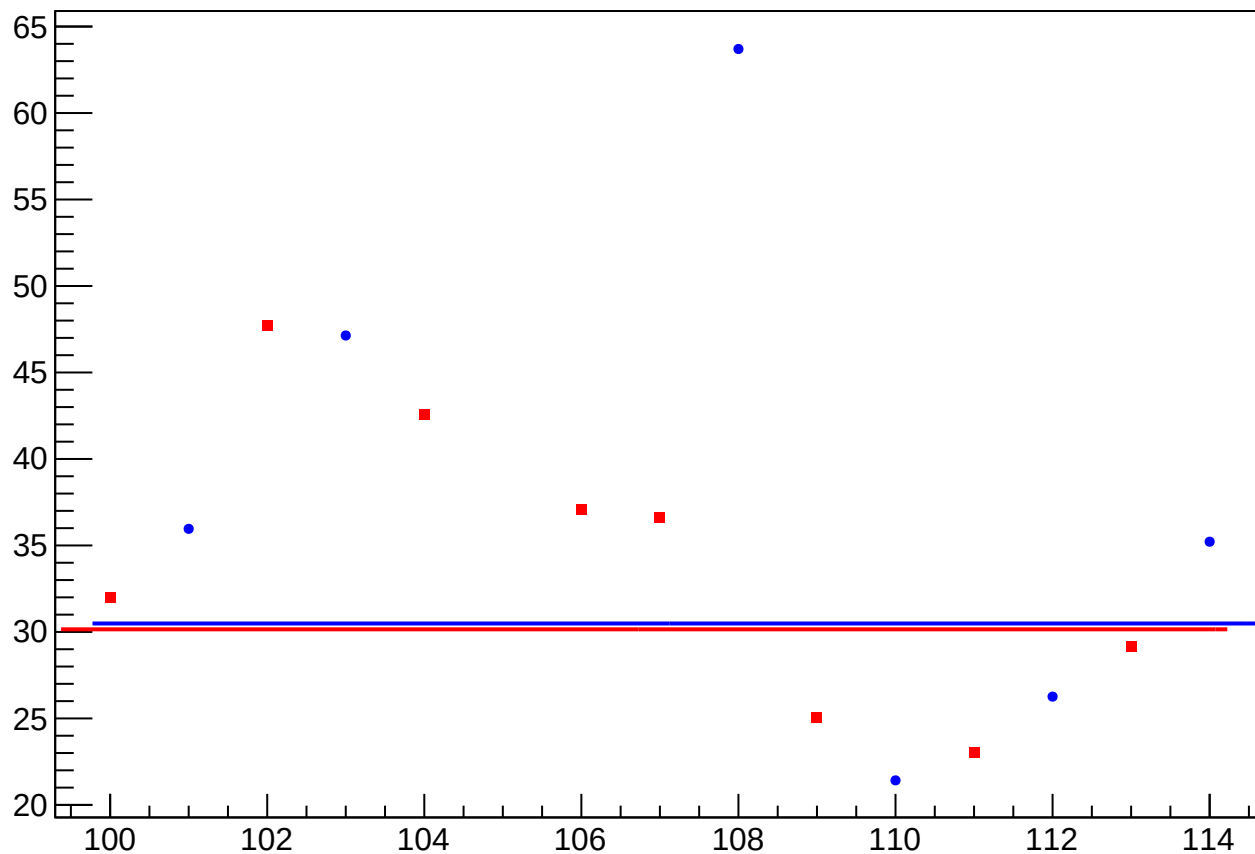
Right: -0.020 $\pm$ 0.013 χ^2 /NDF: 7.5/13

In: -0.019 $\pm$ 0.020 χ^2 /NDF:5.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.013 χ^2 /NDF: 7.5/13

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

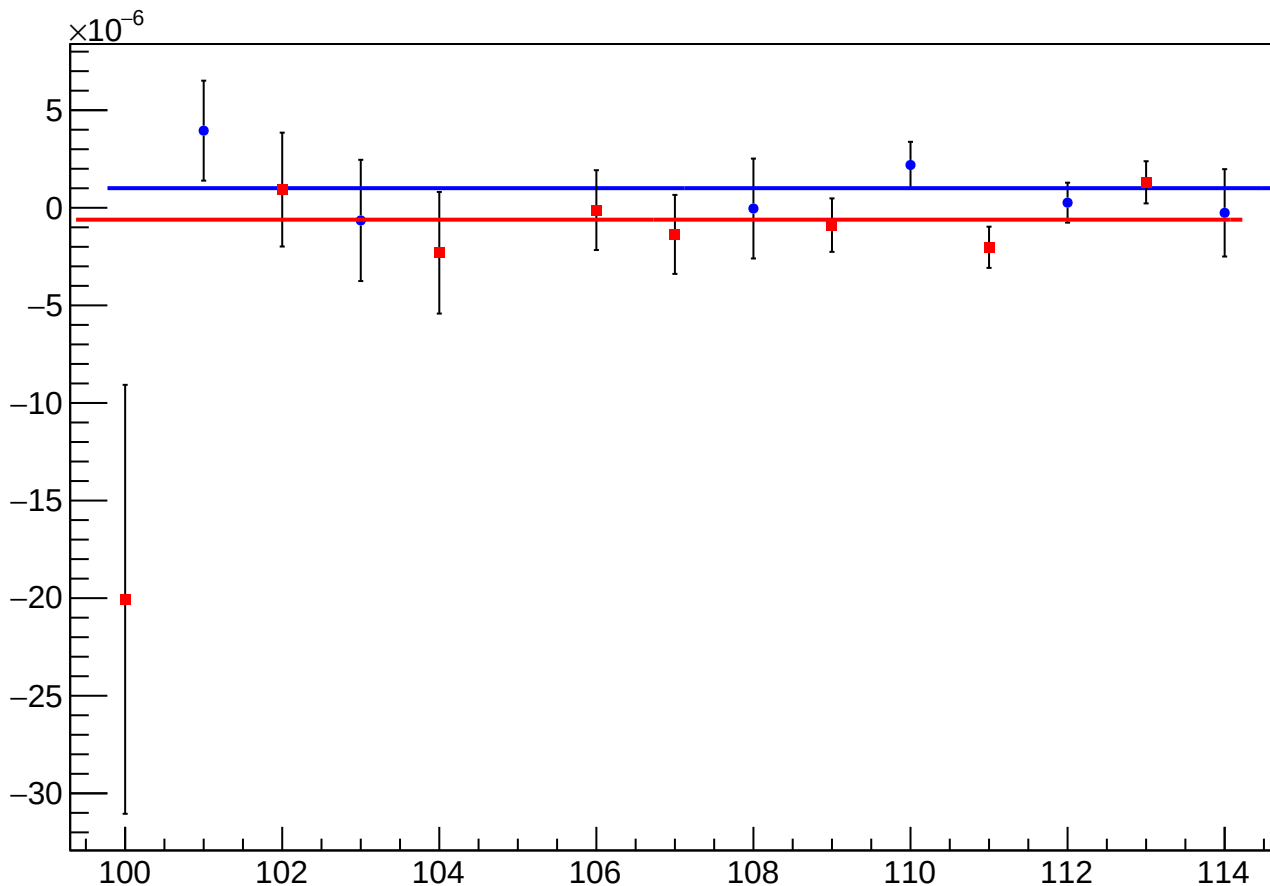
Right: 30.300+/-0.010 χ^2/NDF : 933260.1/13

In: 30.488+/-0.014 χ^2/NDF : 527697.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.300+/-0.010 χ^2/NDF : 933260.1/13

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

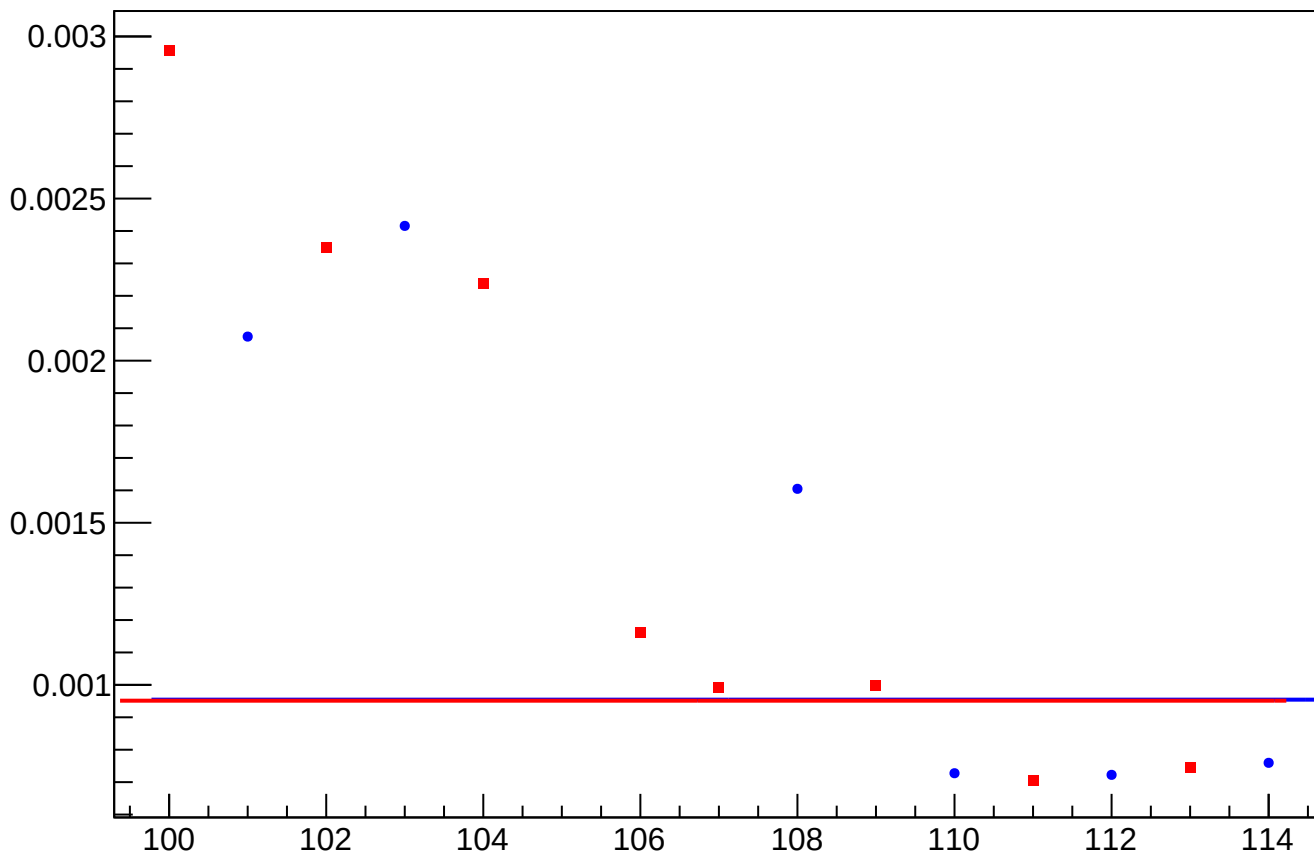
Right: 0.000+/-0.000 χ^2/NDF : 15.9/13

In: 0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/13

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

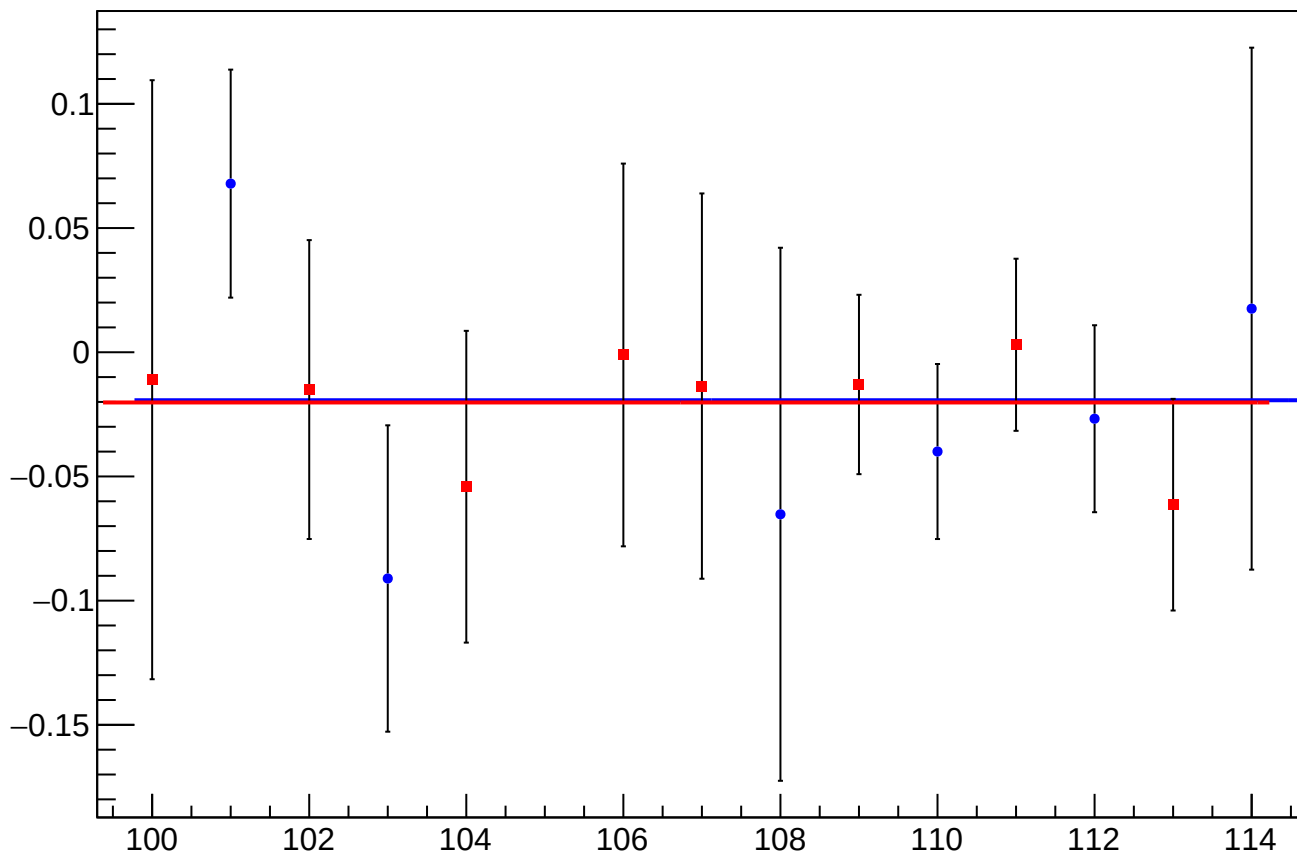
Right: 0.001+/-0.000 χ^2/NDF : 2219472.4/13

In: 0.001+/-0.000 χ^2/NDF : 1145268.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2219472.4/13

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

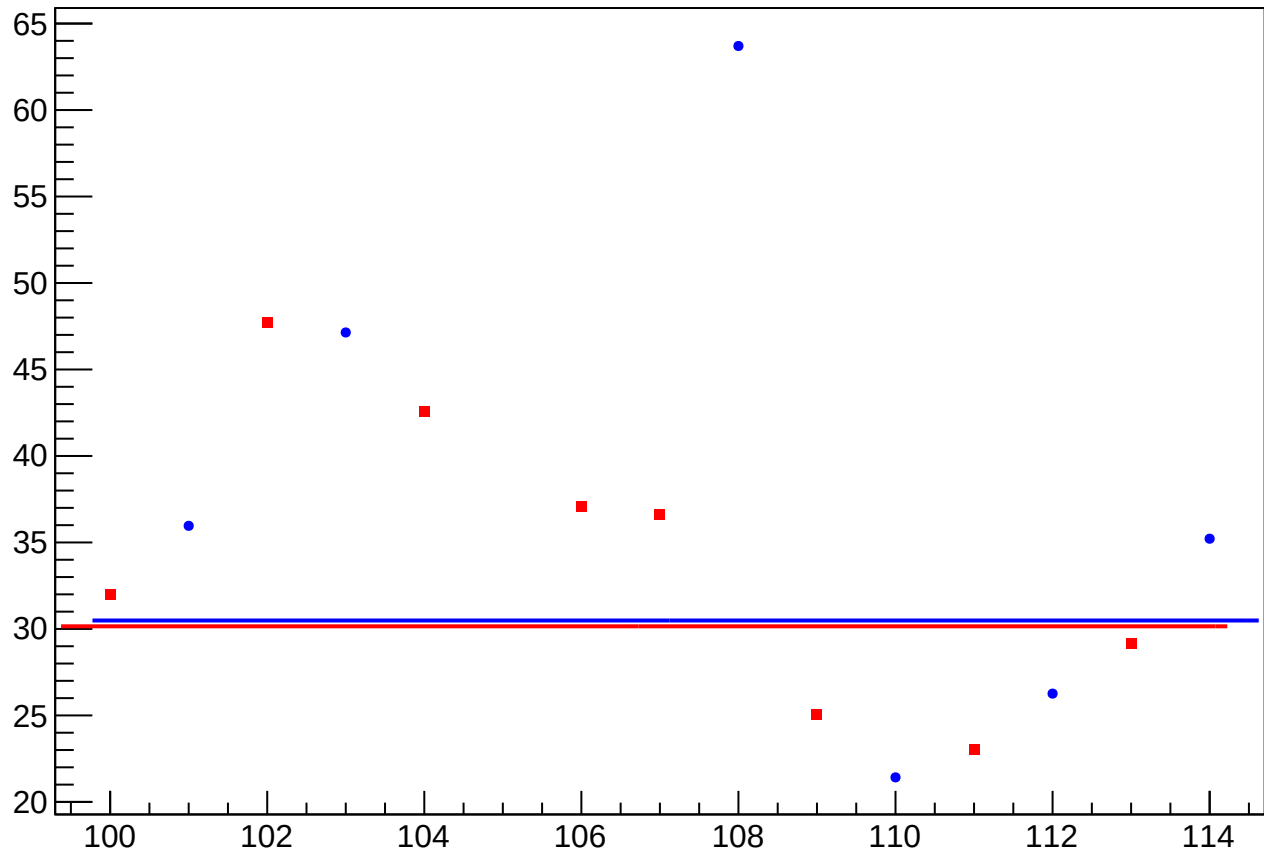
Right: -0.020 $\pm$ 0.013 χ^2 /NDF: 7.5/13

In: -0.019 $\pm$ 0.020 χ^2 /NDF:5.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.013 χ^2 /NDF: 7.5/13

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.488+/-0.014 χ^2/NDF : 527729.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.152+/-0.013 χ^2/NDF : 405263.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

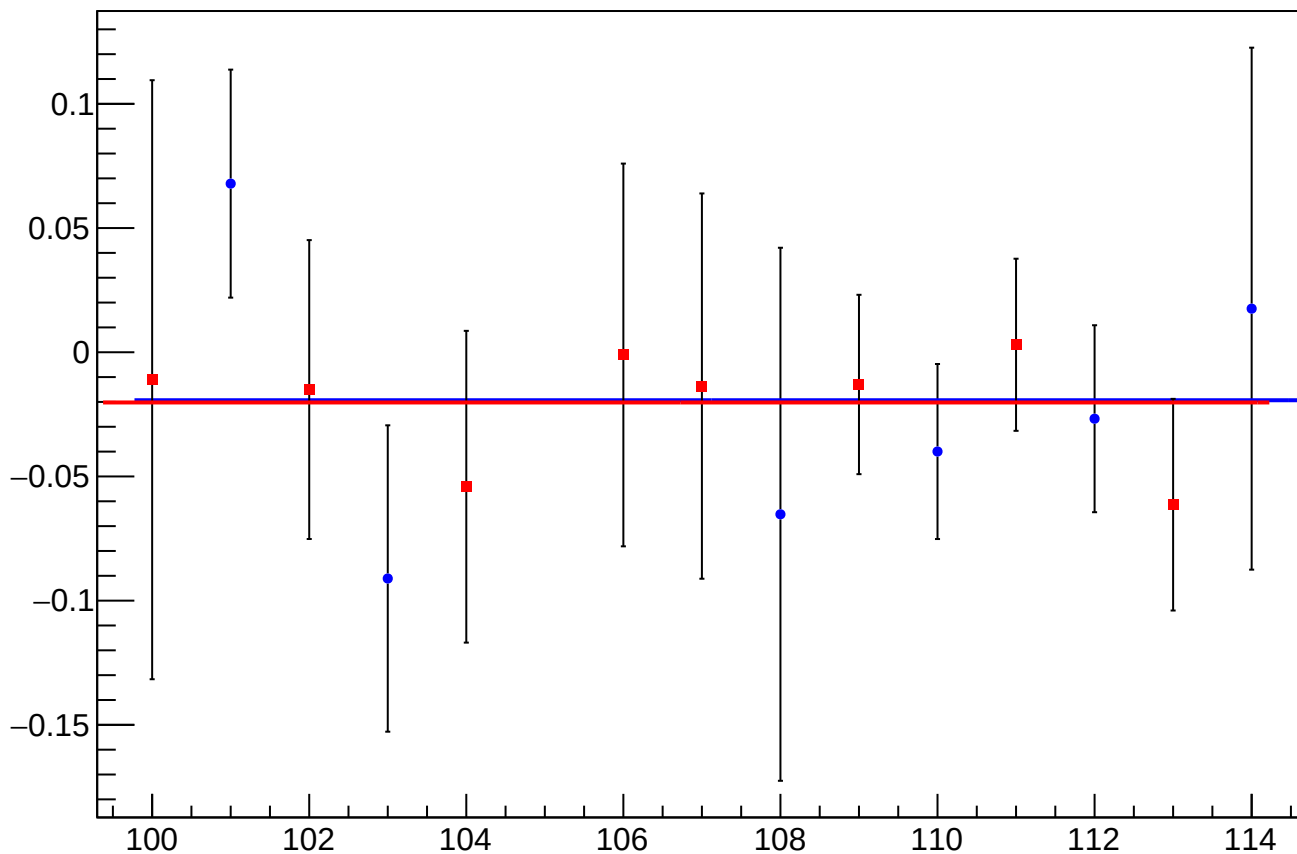
Right: 30.300+/-0.010 χ^2/NDF : 933299.3/13

In: 30.488+/-0.014 χ^2/NDF : 527729.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.300+/-0.010 χ^2/NDF : 933299.3/13

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 5.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.018 χ^2/NDF : 1.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

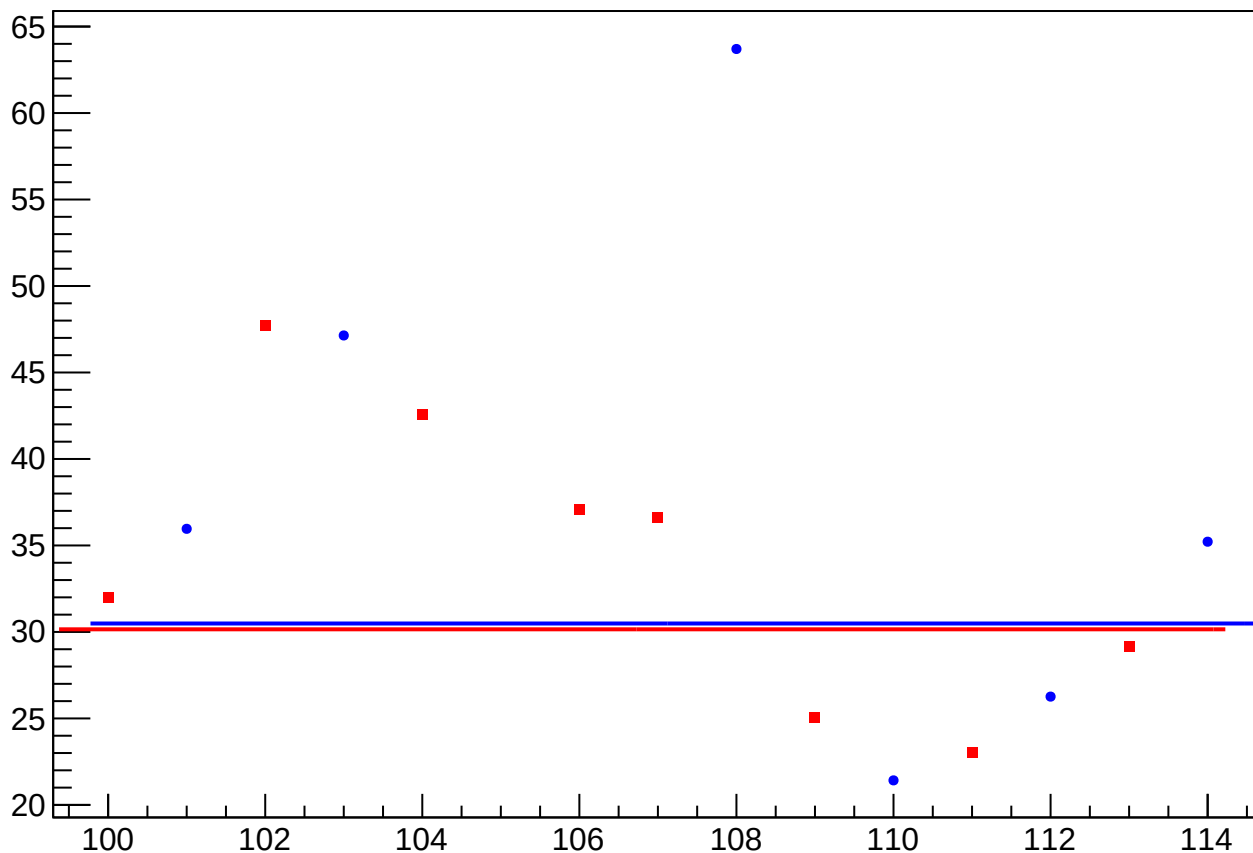
Right: -0.020+/-0.013 χ^2/NDF : 7.5/13

In: -0.019+/-0.020 χ^2/NDF : 5.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.013 χ^2/NDF : 7.5/13

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.488+/-0.014 χ^2/NDF : 527729.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.152+/-0.013 χ^2/NDF : 405263.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

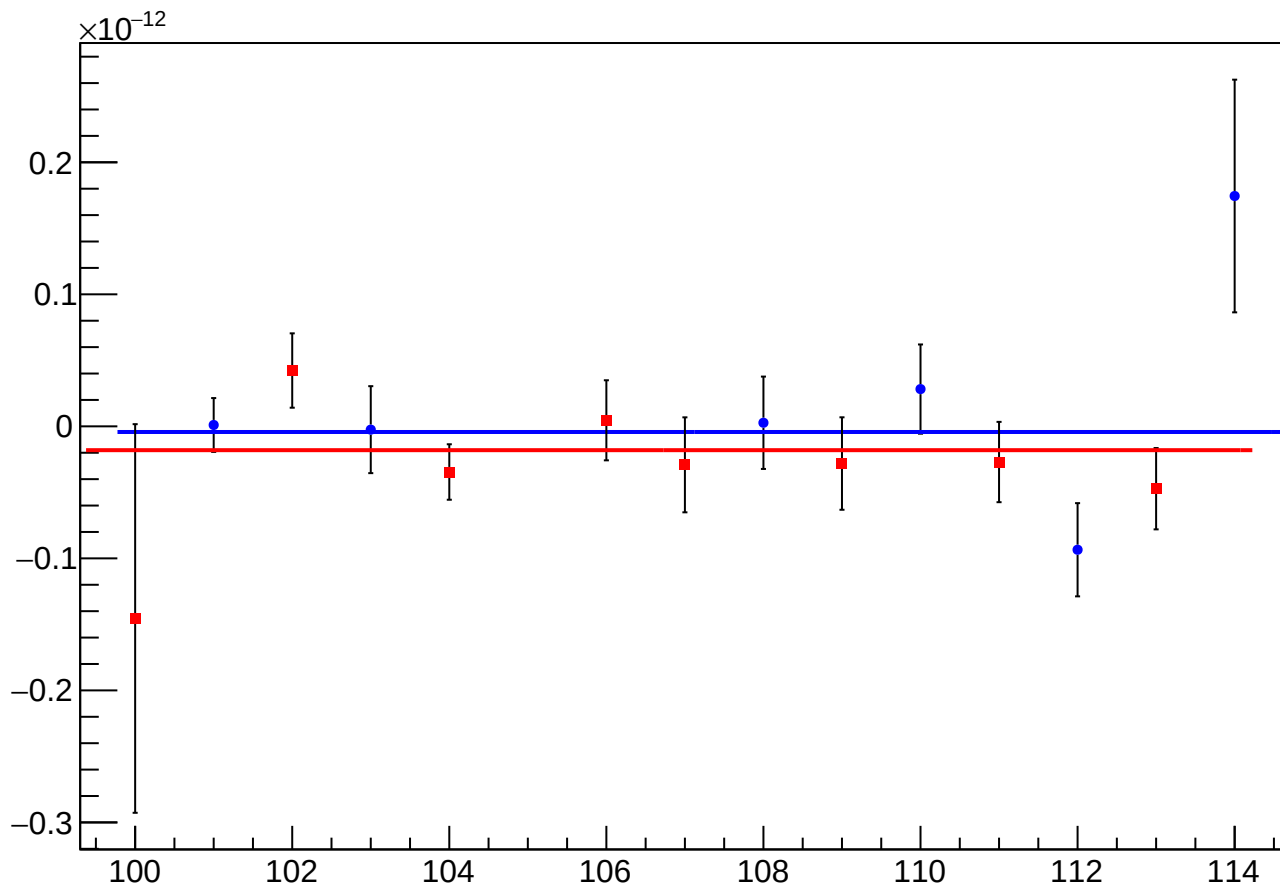
Right: 30.300+/-0.010 χ^2/NDF : 933299.3/13

In: 30.488+/-0.014 χ^2/NDF : 527729.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.300+/-0.010 χ^2/NDF : 933299.3/13

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

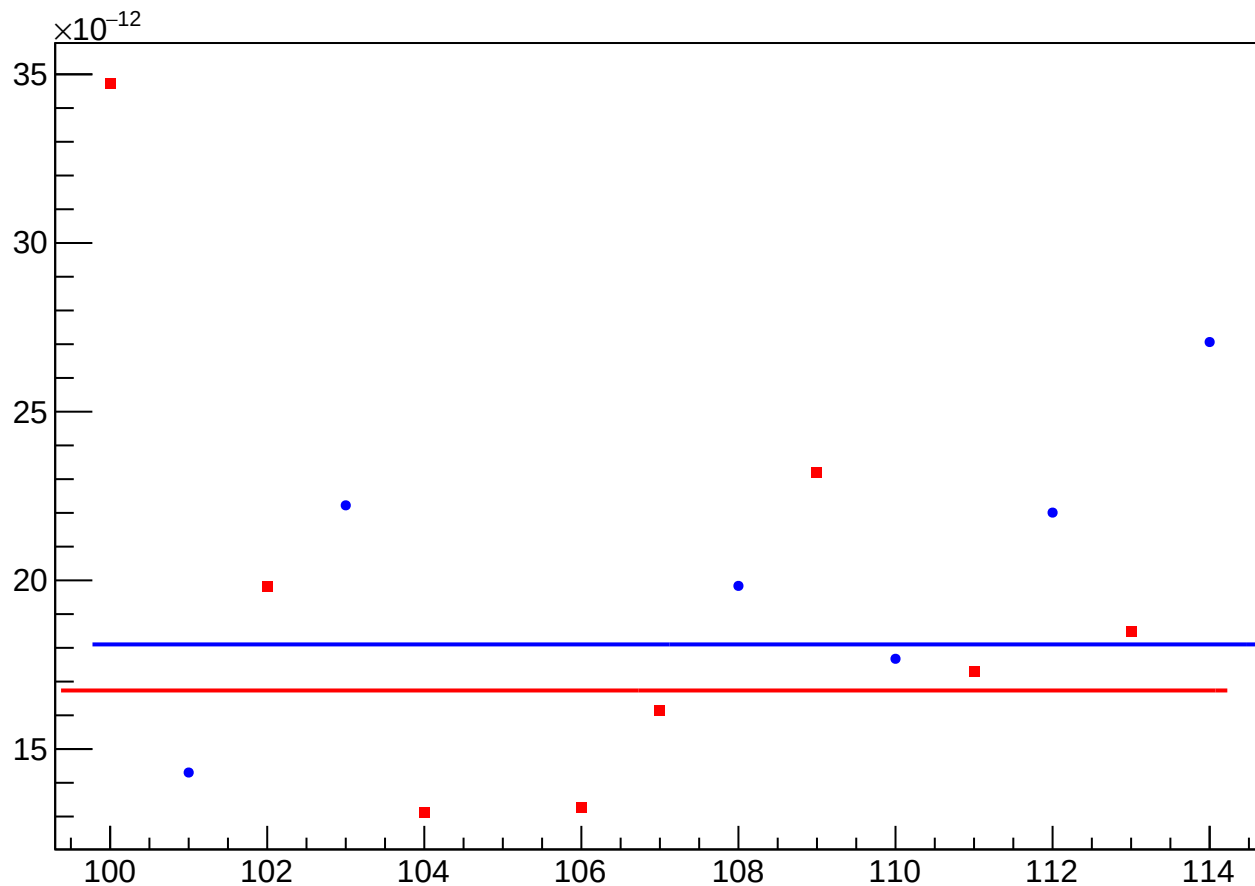
Right: -0.000+/-0.000 χ^2/NDF : 19.9/13

In: -0.000+/-0.000 χ^2/NDF : 11.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/13

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

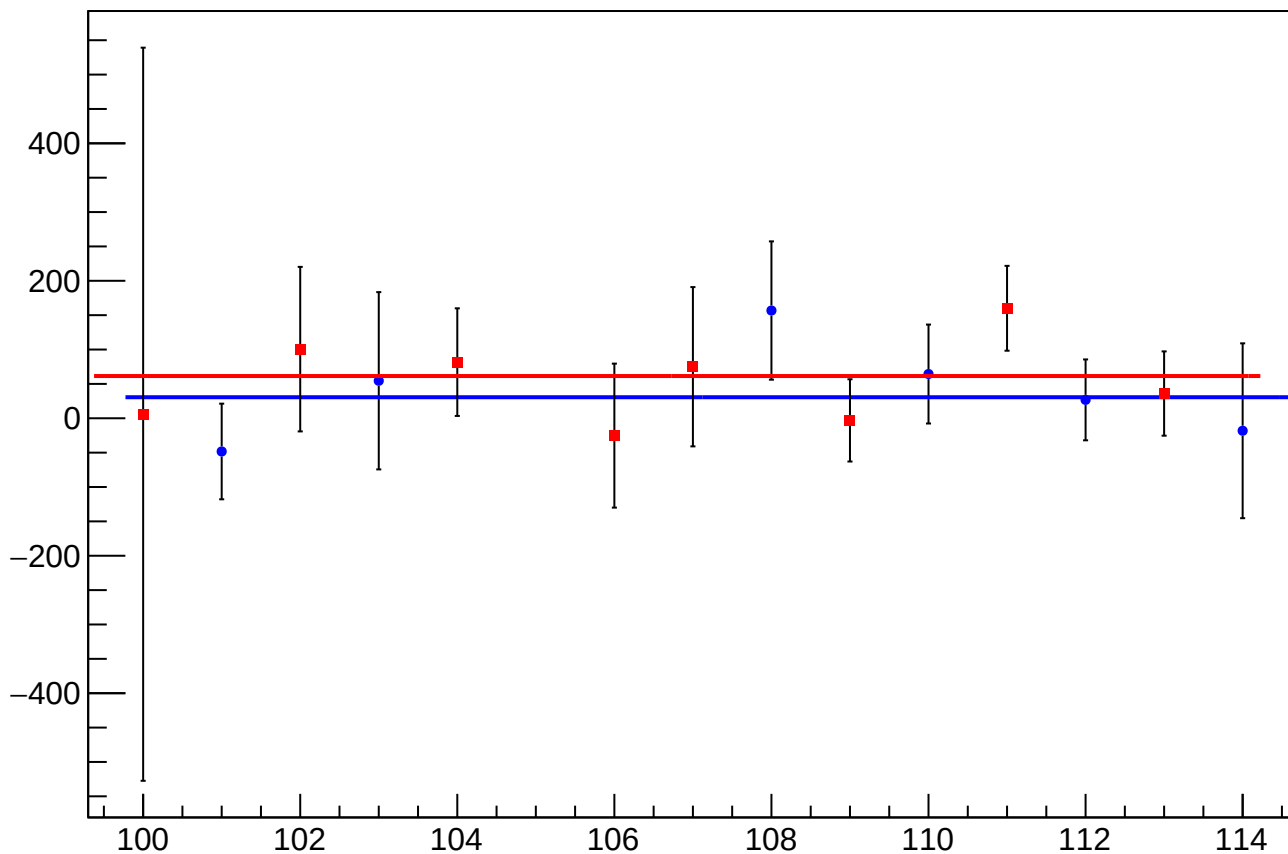
Right: 0.000+/-0.000 χ^2/NDF : 378740.1/13

In: 0.000+/-0.000 χ^2/NDF : 151133.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 378740.1/13

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 30.601+/-33.162 χ^2/NDF : 3.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.464+/-28.749 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

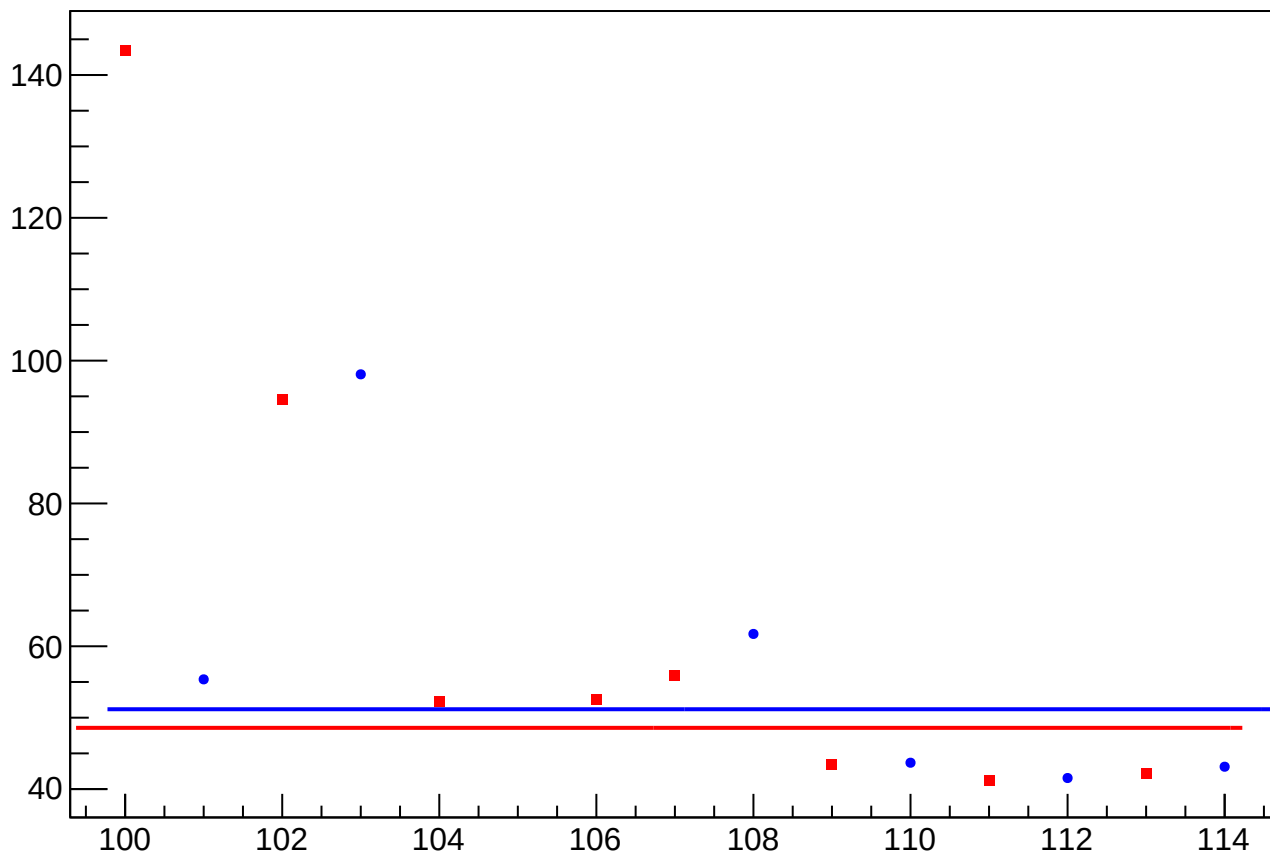
Right: 48.221+/-21.722 χ^2/NDF : 8.5/13

In: 30.601+/-33.162 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.221+/-21.722 χ^2/NDF : 8.5/13

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

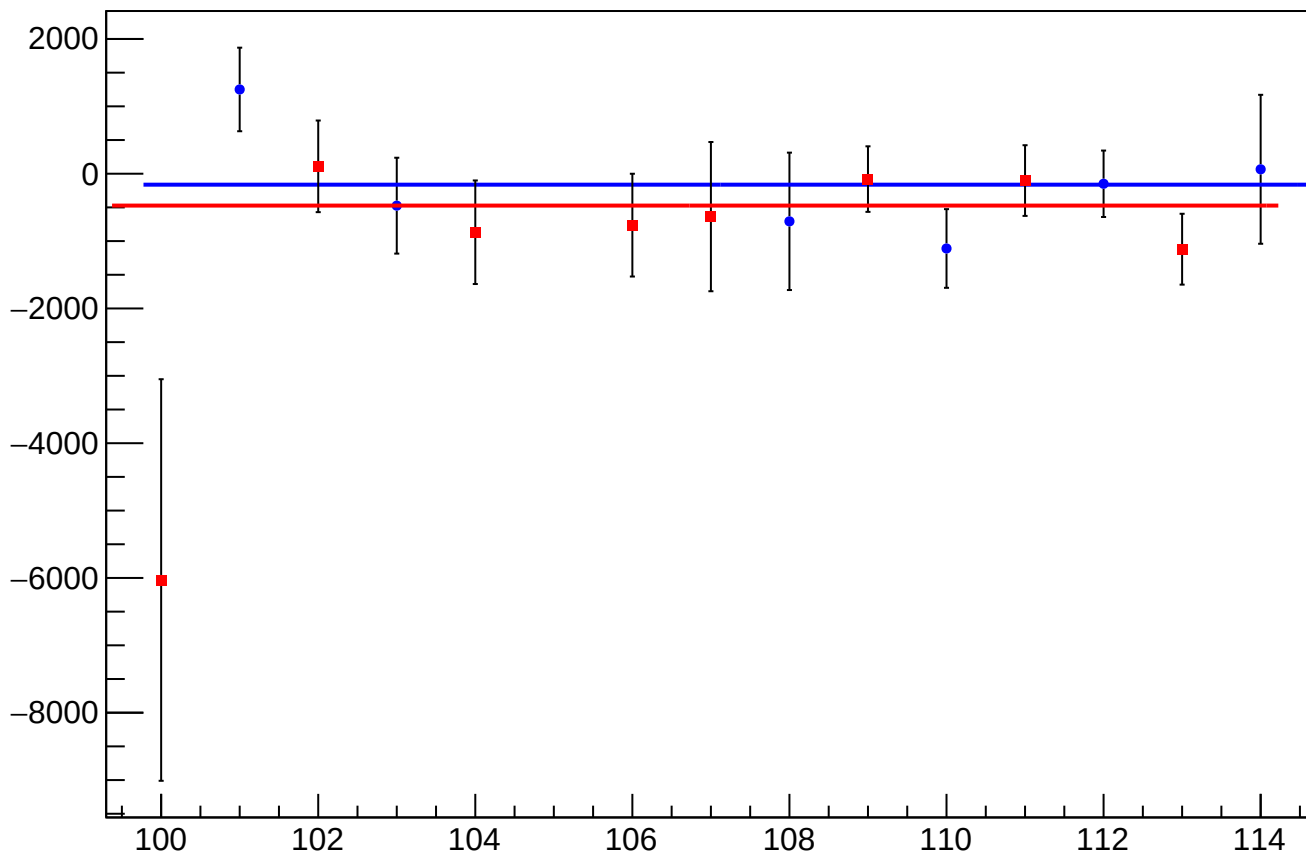
Right: 49.694 $\pm$ 0.015 χ^2 /NDF: 822234.3/13

In: 51.182 $\pm$ 0.023 χ^2 /NDF:377013.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.694 $\pm$ 0.015 χ^2 /NDF: 822234.3/13

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

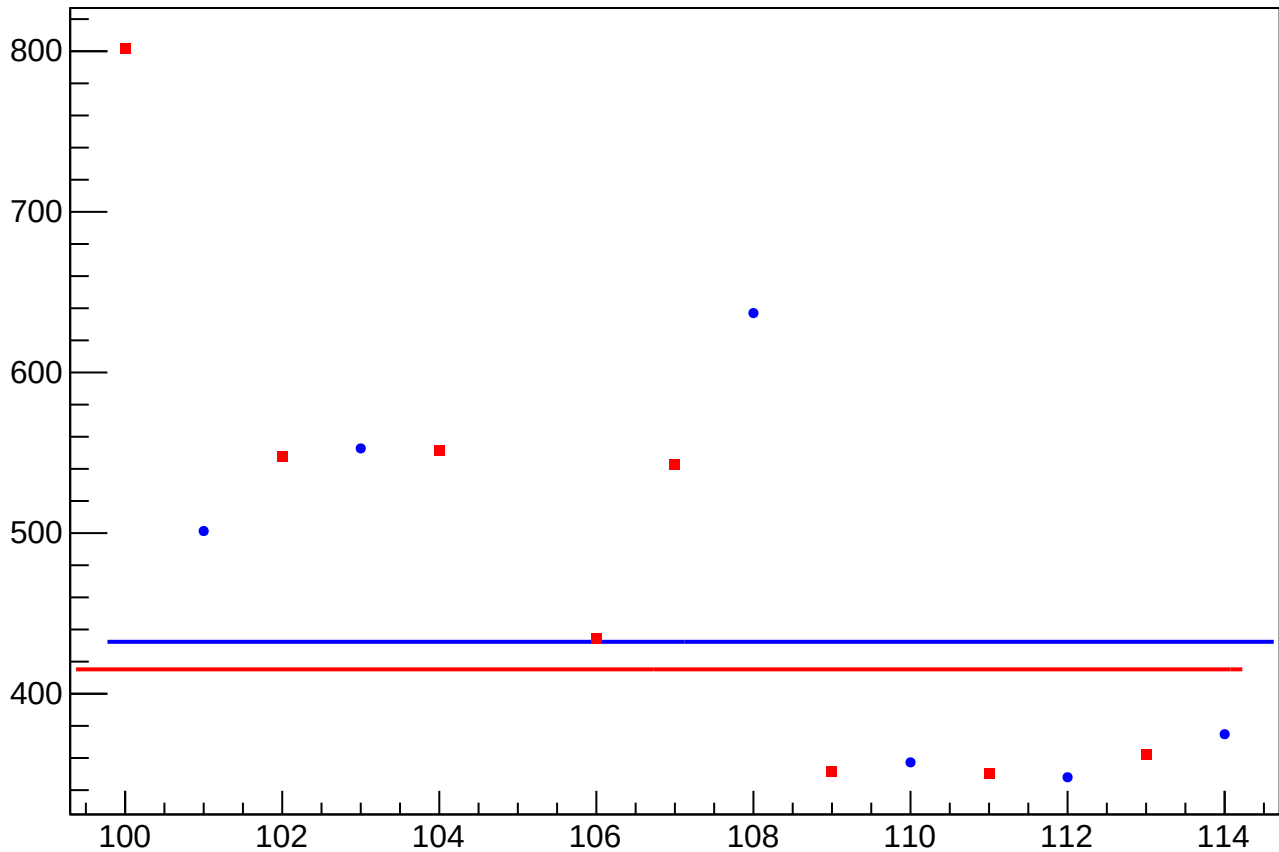
Right: -340.432 $\pm$ 178.514 χ^2 /NDF: 16.4/13

In: -162.682 $\pm$ 273.162 χ^2 /NDF:8.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -340.432 $\pm$ 178.514 χ^2 /NDF: 16.4/13

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

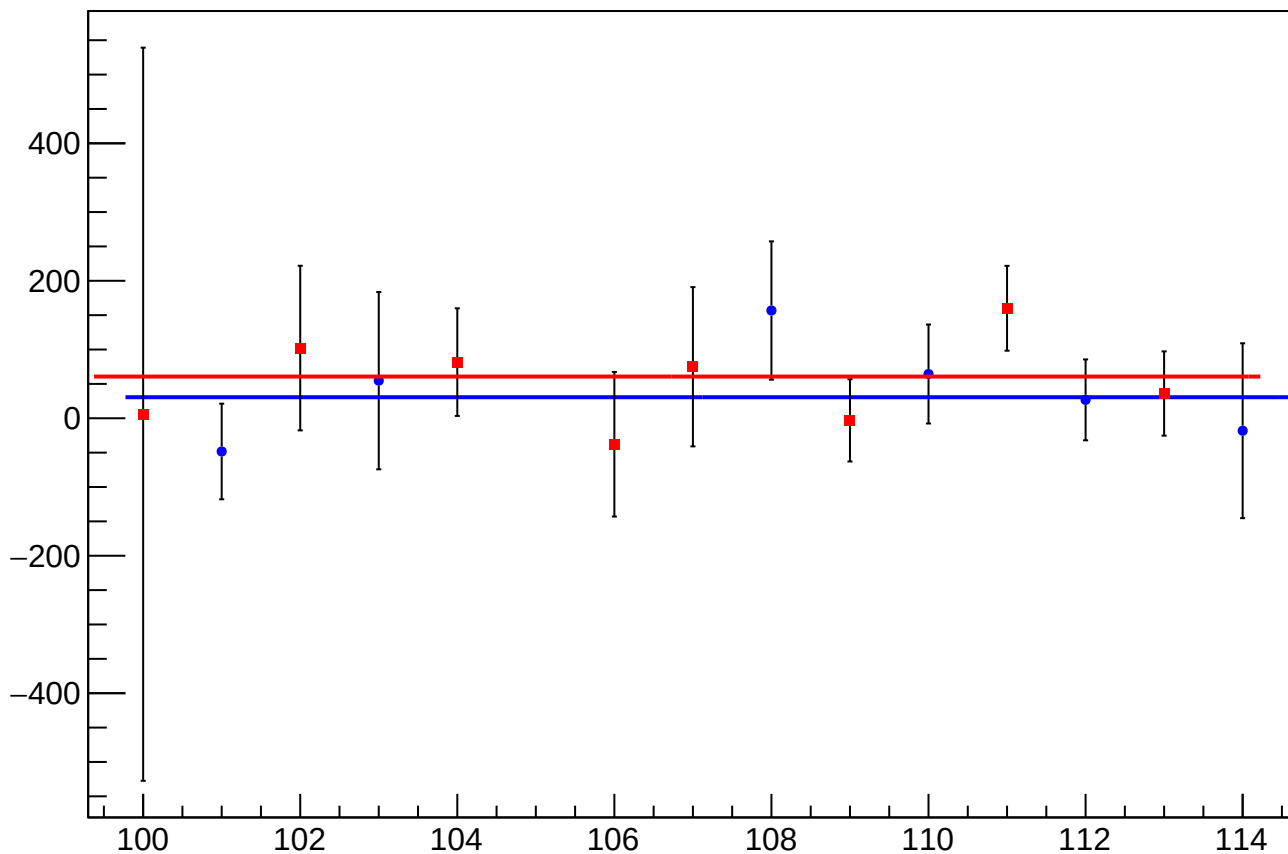
Right: 422.513+/-0.126 χ^2/NDF : 549910.2/13

In: 432.339+/-0.193 χ^2/NDF : 259493.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.513+/-0.126 χ^2/NDF : 549910.2/13

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

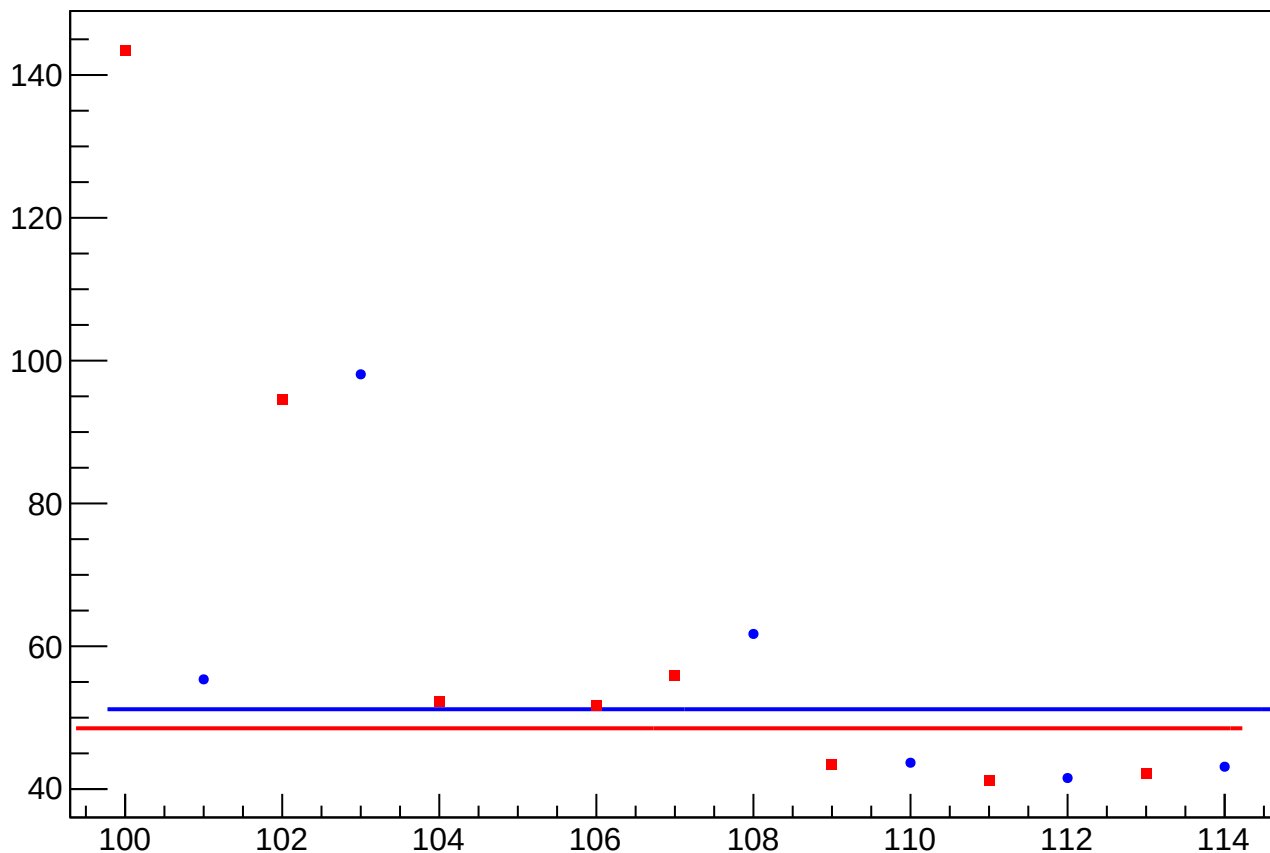
Right: 47.776+/-21.727 χ^2/NDF : 8.7/13

In: 30.619+/-33.162 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.776+/-21.727 χ^2/NDF : 8.7/13

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.182+/-0.023 χ^2/NDF : 377016.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.513+/-0.020 χ^2/NDF : 437335.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

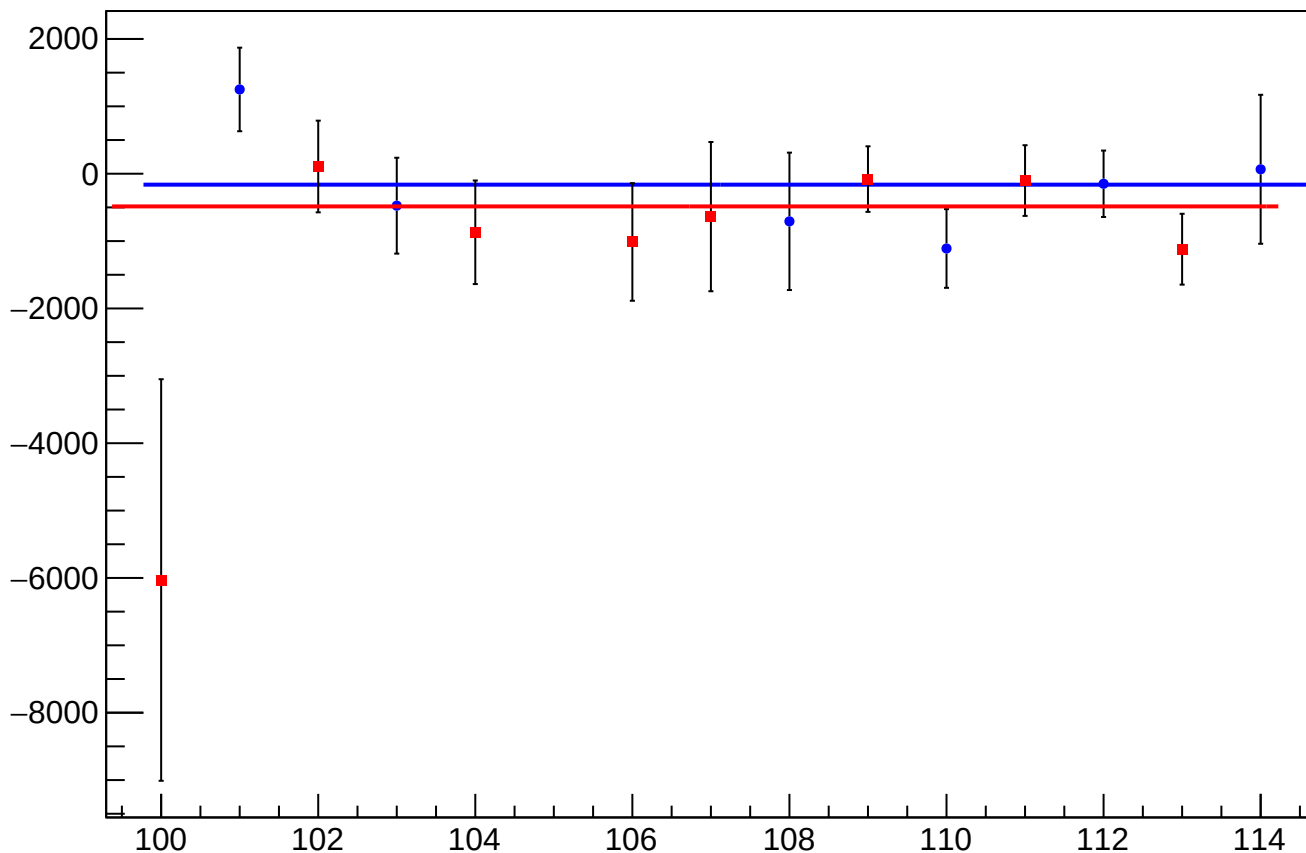
Right: 49.658+/-0.015 χ^2/NDF : 821744.8/13

In: 51.182+/-0.023 χ^2/NDF : 377016.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.658+/-0.015 χ^2/NDF : 821744.8/13

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

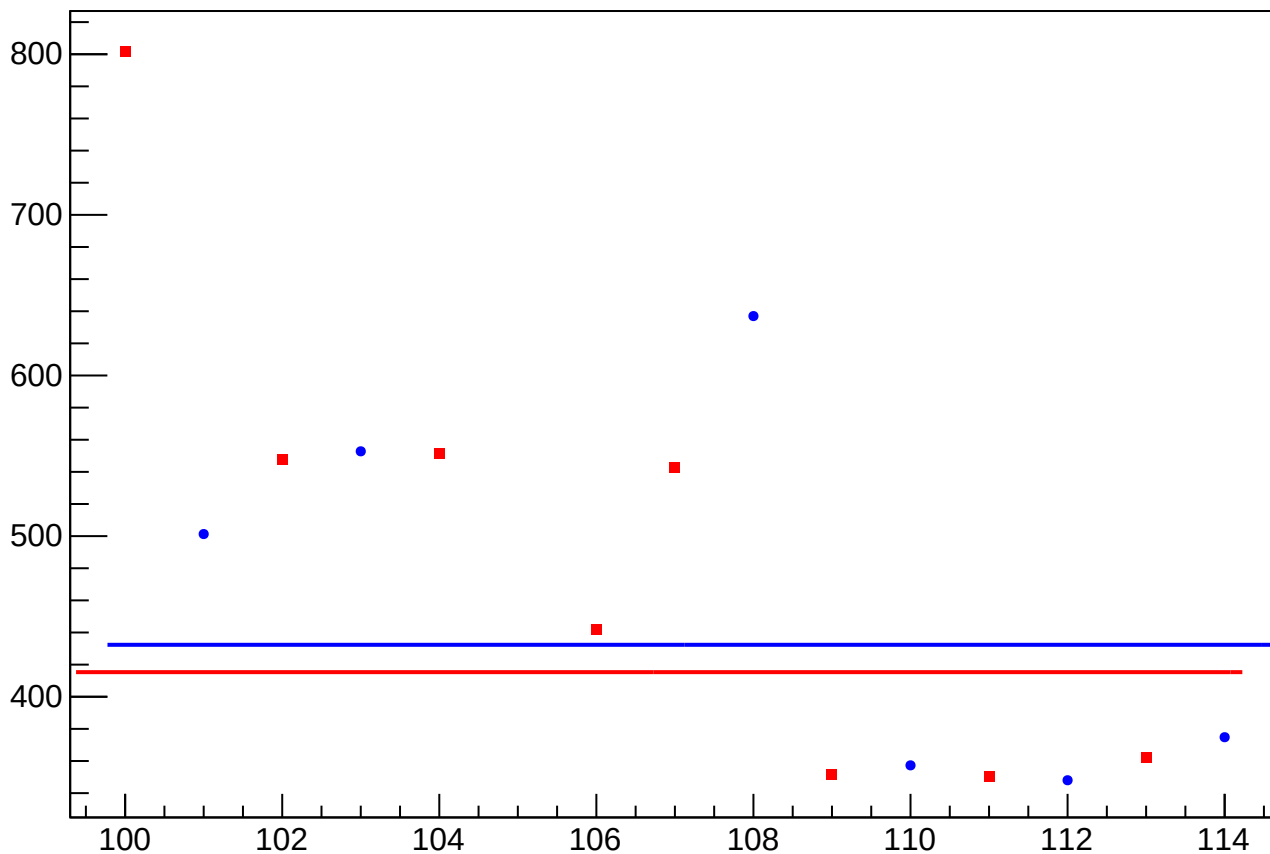
Right: -345.709+/-179.692 χ^2/NDF : 16.7/13

In: -162.681+/-273.166 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.709+/-179.692 χ^2/NDF : 16.7/13

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

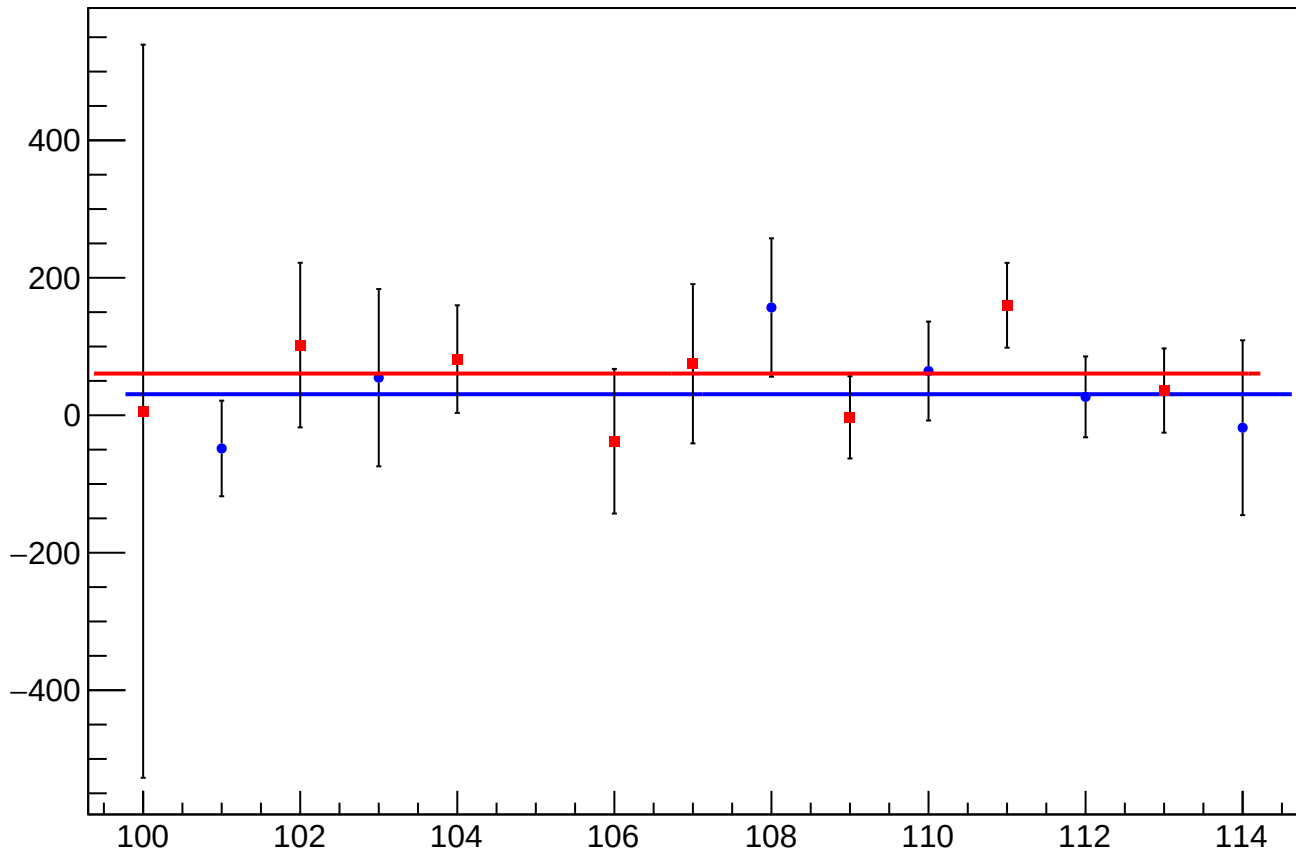
Right: 422.687+/-0.127 χ^2/NDF : 550759.1/13

In: 432.343+/-0.193 χ^2/NDF : 259534.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.687+/-0.127 χ^2/NDF : 550759.1/13

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

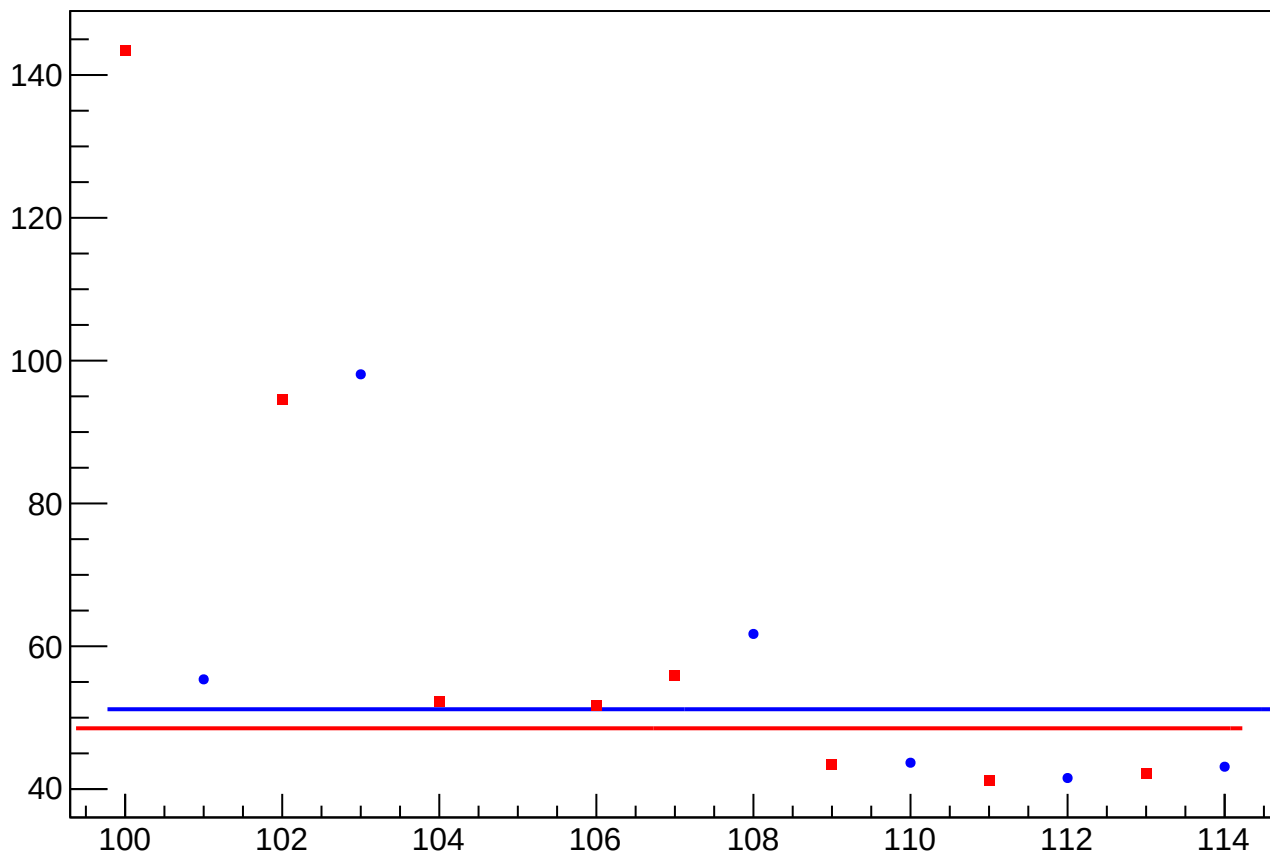
Right: 47.776+/-21.727 χ^2/NDF : 8.7/13

In: 30.619+/-33.162 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.776+/-21.727 χ^2/NDF : 8.7/13

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

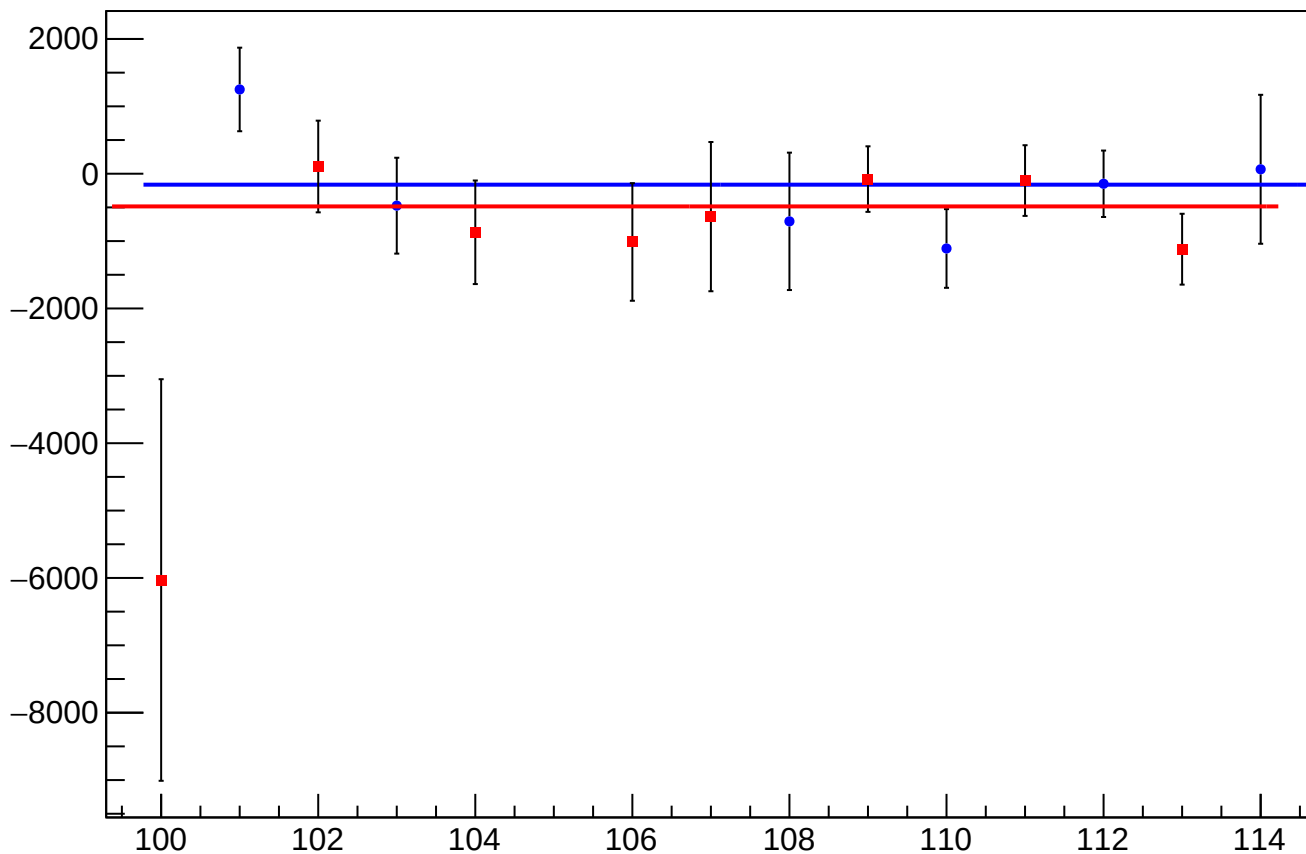
Right: 49.658 $\pm$ 0.015 χ^2 /NDF: 821744.8/13

In: 51.182 $\pm$ 0.023 χ^2 /NDF:377016.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.658 $\pm$ 0.015 χ^2 /NDF: 821744.8/13

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.681 $\pm$ 273.166 χ^2 /NDF: 8.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -485.322 $\pm$ 238.578 χ^2 /NDF: 7.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

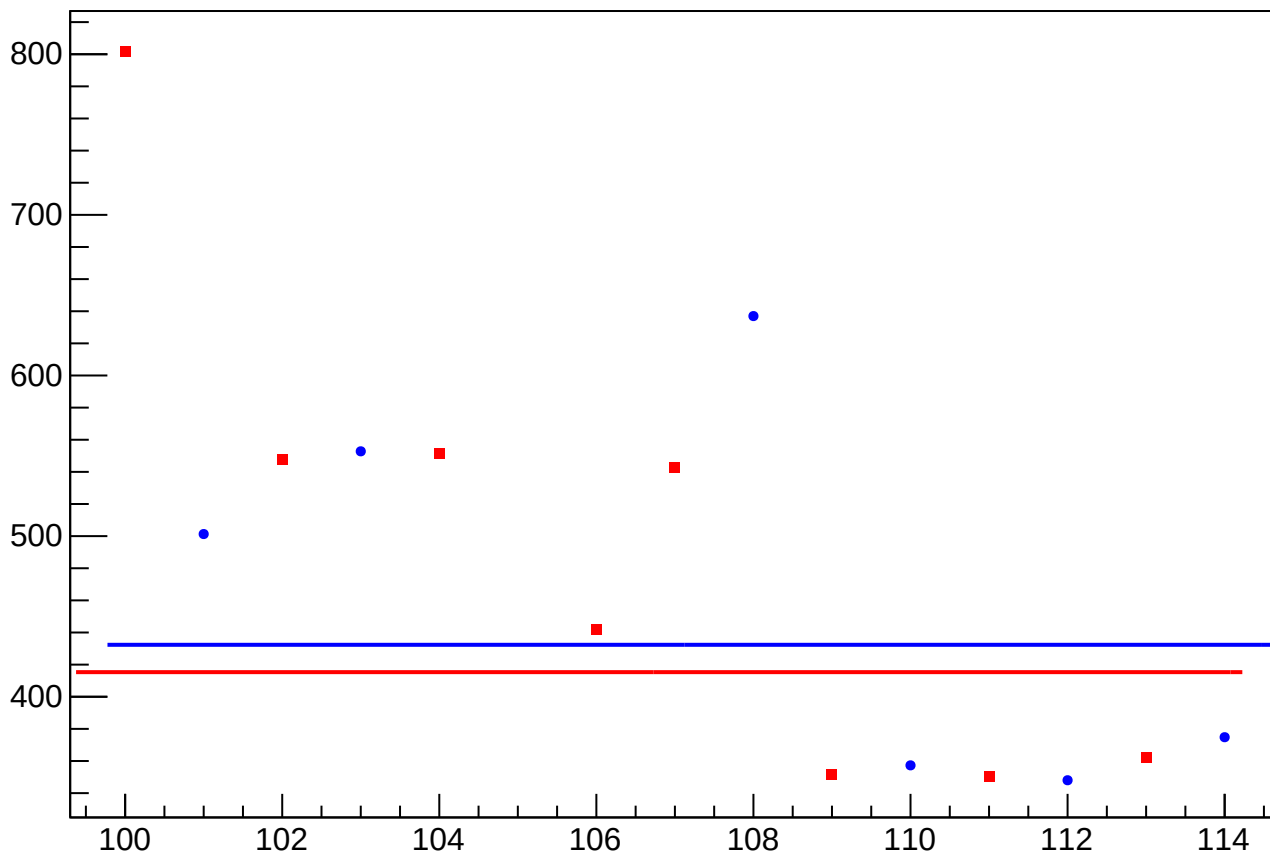
Right: -345.709 $\pm$ 179.692 χ^2 /NDF: 16.7/13

In: -162.681 $\pm$ 273.166 χ^2 /NDF:8.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -345.709 $\pm$ 179.692 χ^2 /NDF: 16.7/13

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

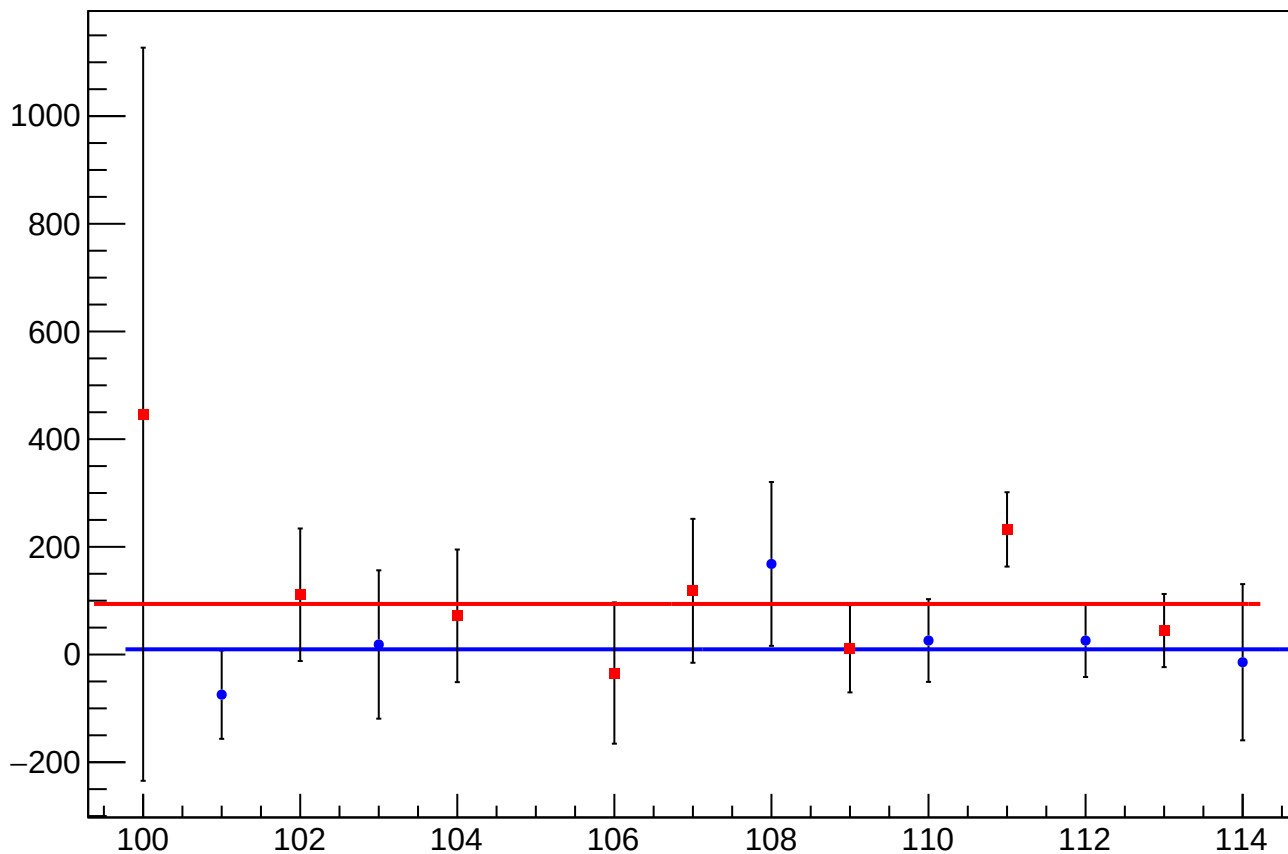
Right: 422.687+/-0.127 χ^2/NDF : 550759.1/13

In: 432.343+/-0.193 χ^2/NDF :259534.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 422.687+/-0.127 χ^2/NDF : 550759.1/13

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

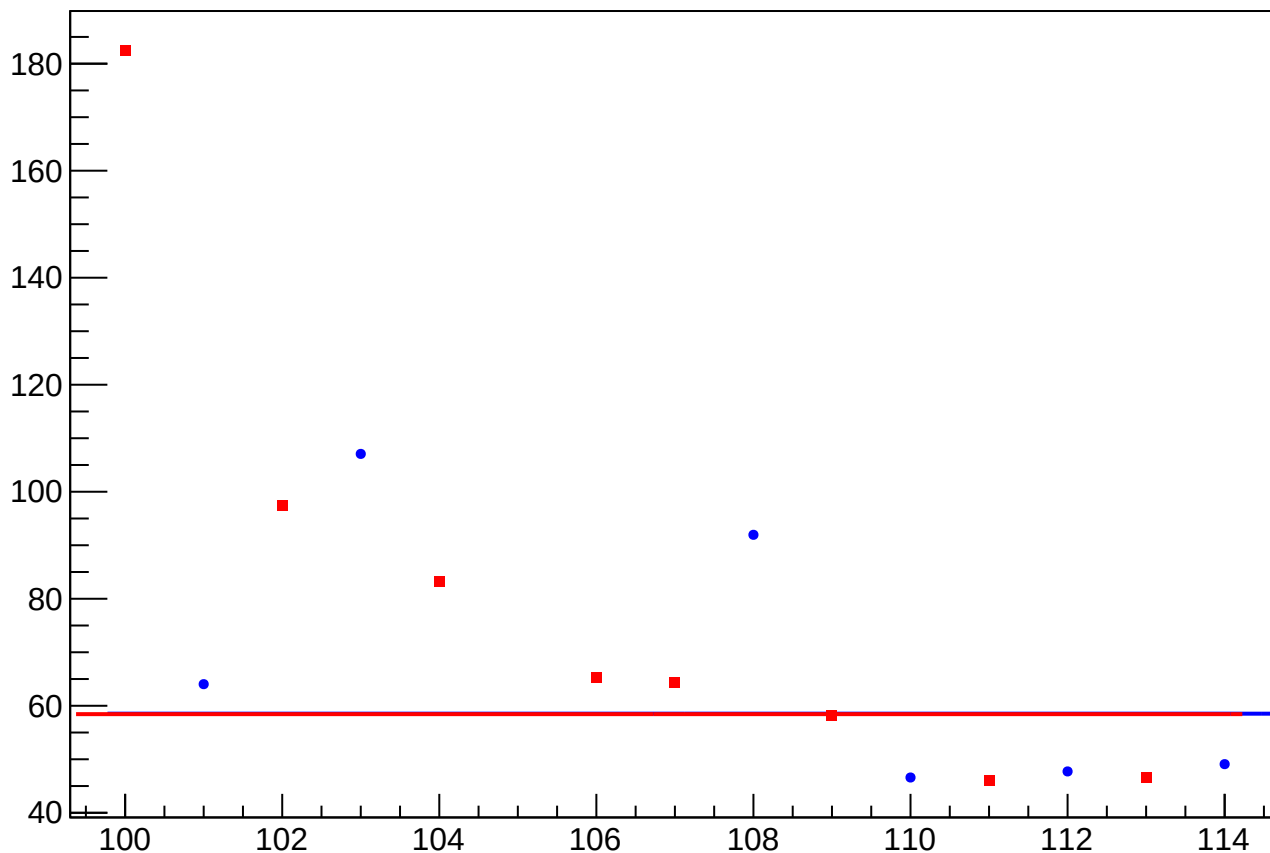
Right: 55.941 $\pm$ 25.765 χ^2 /NDF: 11.8/13

In: 9.682 $\pm$ 38.370 χ^2 /NDF: 2.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.941 $\pm$ 25.765 χ^2 /NDF: 11.8/13

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 58.522+/-0.027 χ^2/NDF : 461430.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.435+/-0.025 χ^2/NDF : 481668.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

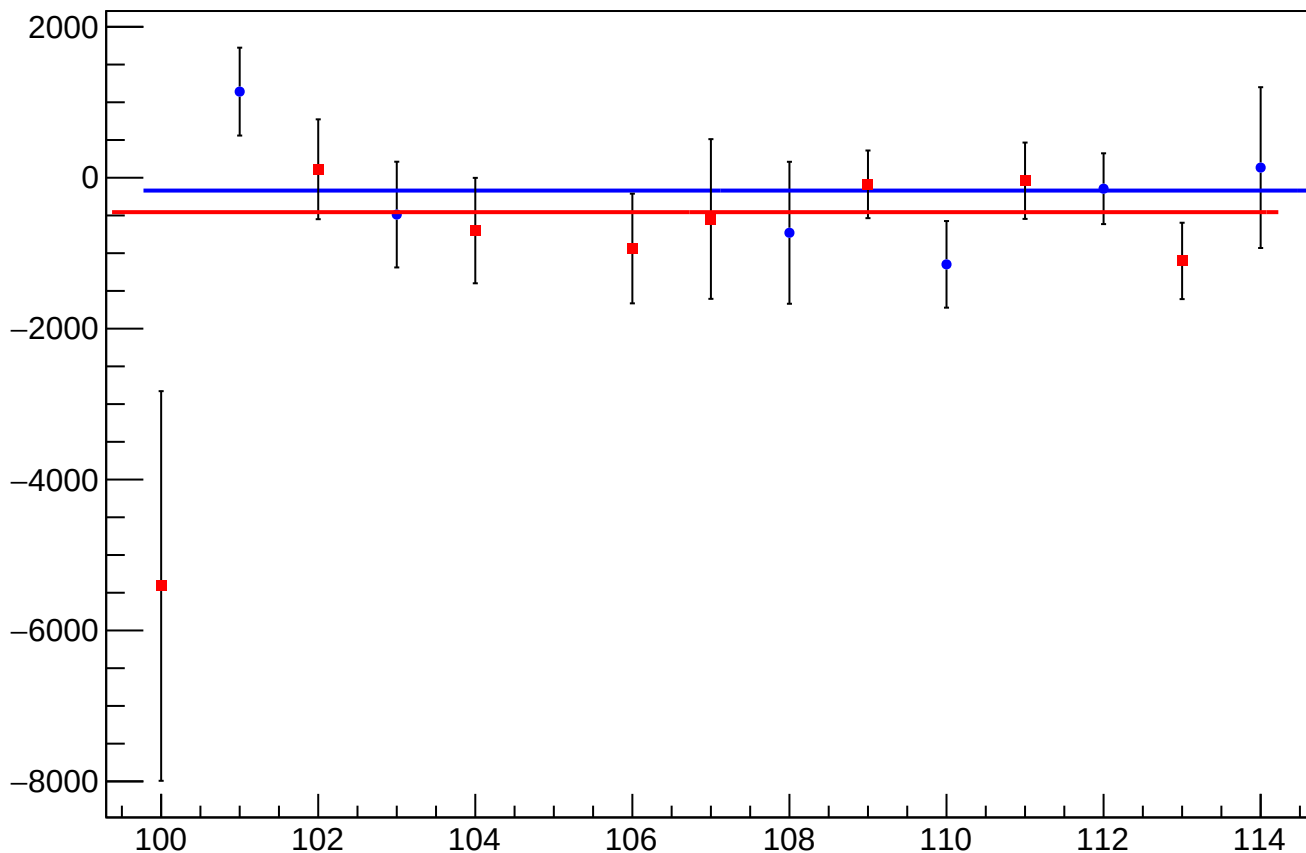
Right: 58.474+/-0.018 χ^2/NDF : 943104.3/13

In: 58.522+/-0.027 χ^2/NDF : 461430.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.474+/-0.018 χ^2/NDF : 943104.3/13

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

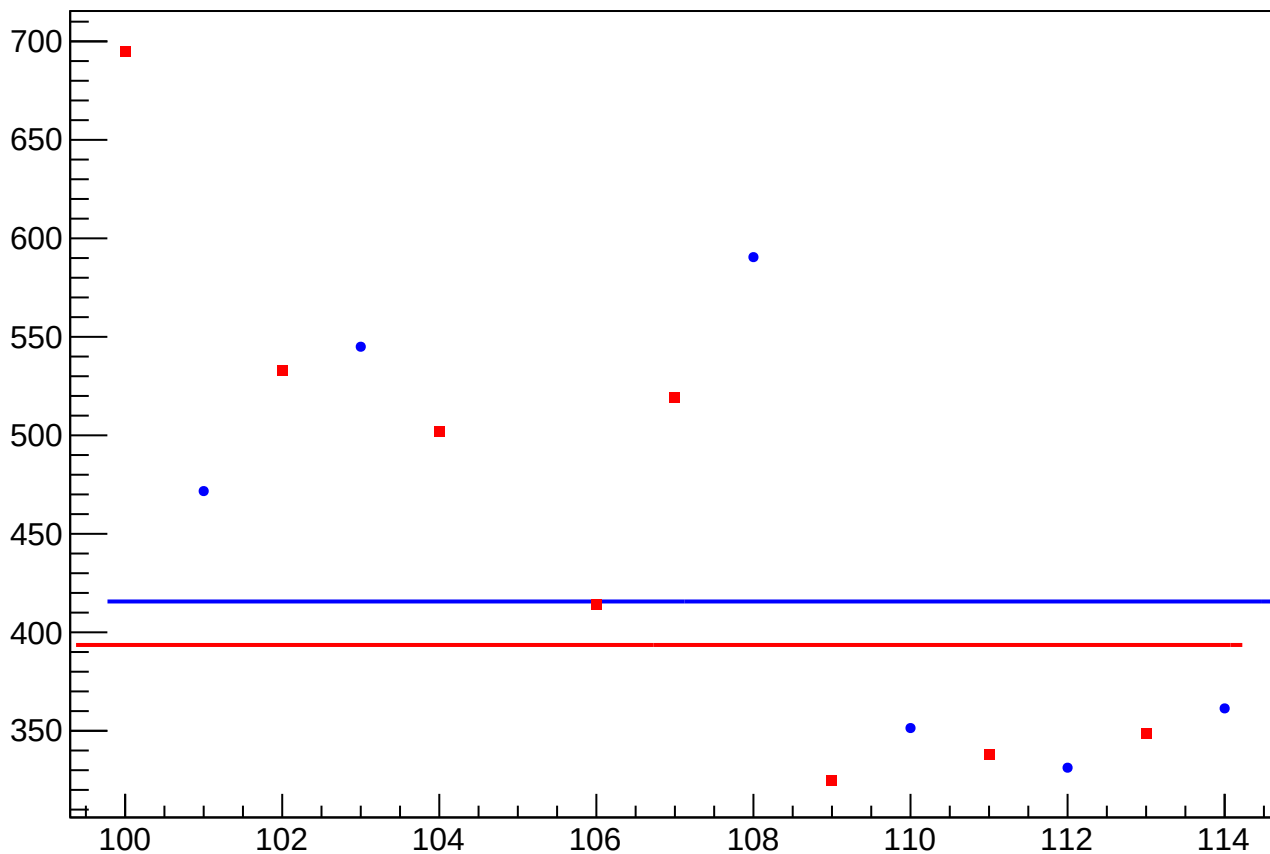
Right: -335.762+/-169.921 χ^2/NDF : 17.3/13

In: -170.144+/-261.929 χ^2/NDF : 8.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.762+/-169.921 χ^2/NDF : 17.3/13

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 415.656+/-0.185 χ^2/NDF : 250694.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.581+/-0.158 χ^2/NDF : 280817.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

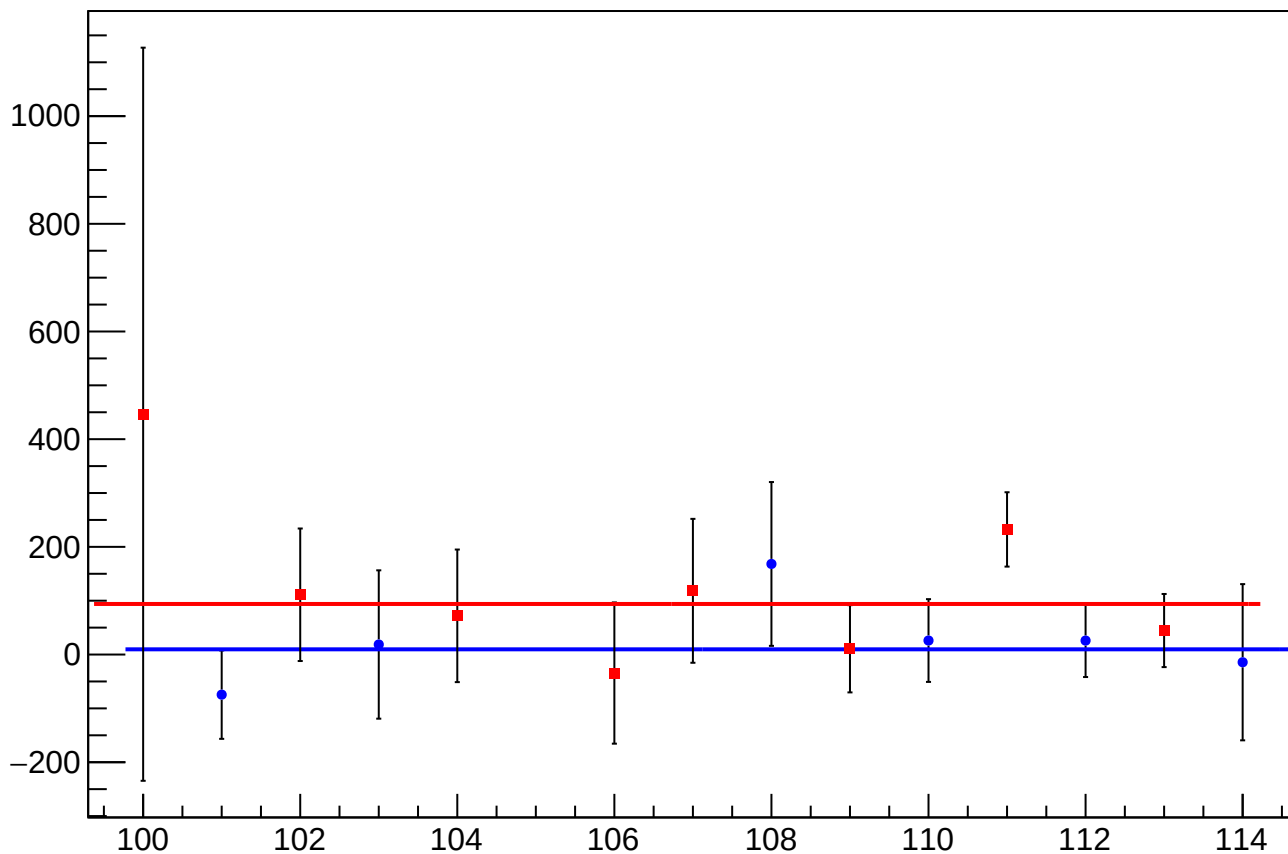
Right: 402.871+/-0.120 χ^2/NDF : 539739.1/13

In: 415.656+/-0.185 χ^2/NDF : 250694.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.871+/-0.120 χ^2/NDF : 539739.1/13

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

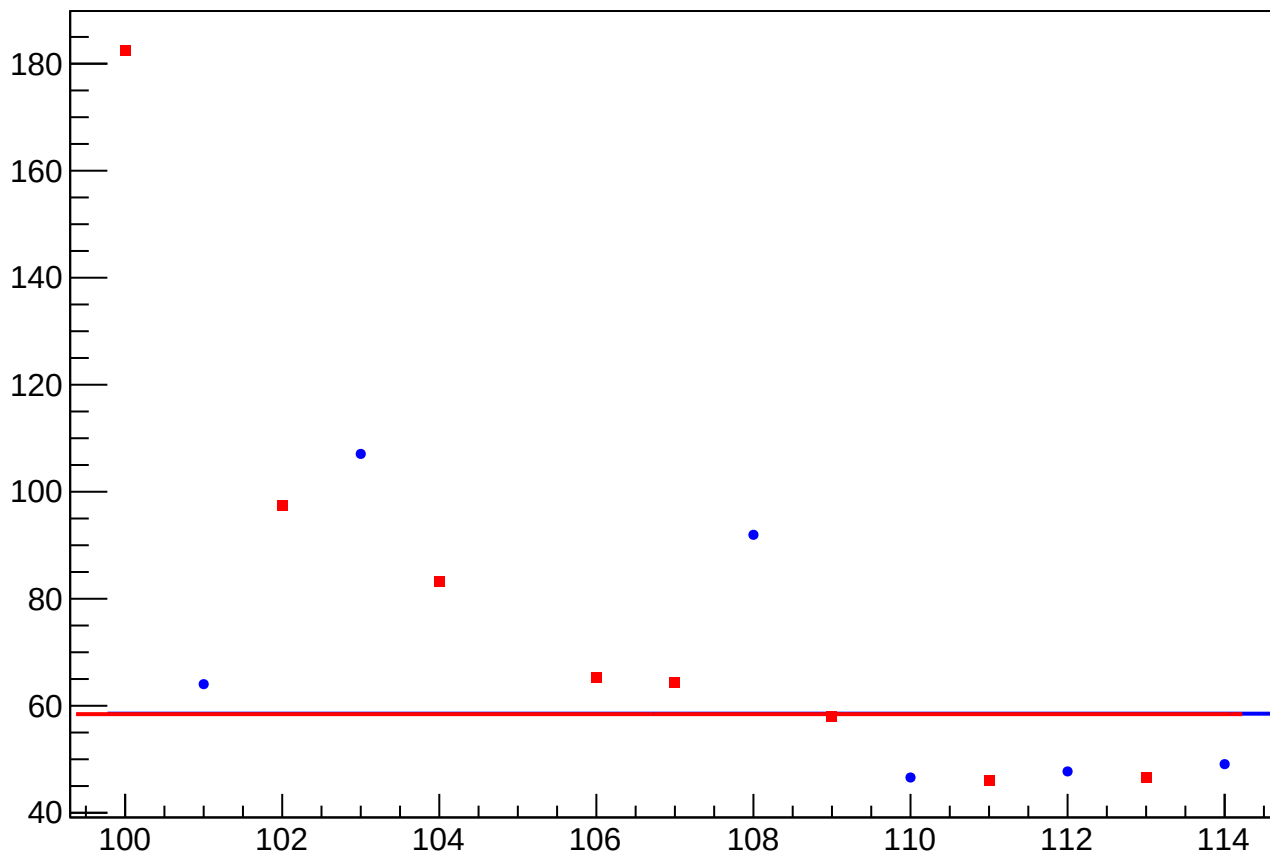
Right: 55.941 $\pm$ 25.765 χ^2 /NDF: 11.8/13

In: 9.682 $\pm$ 38.370 χ^2 /NDF: 2.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.941 $\pm$ 25.765 χ^2 /NDF: 11.8/13

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 58.522+/-0.027 χ^2/NDF : 461427.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.435+/-0.025 χ^2/NDF : 481665.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

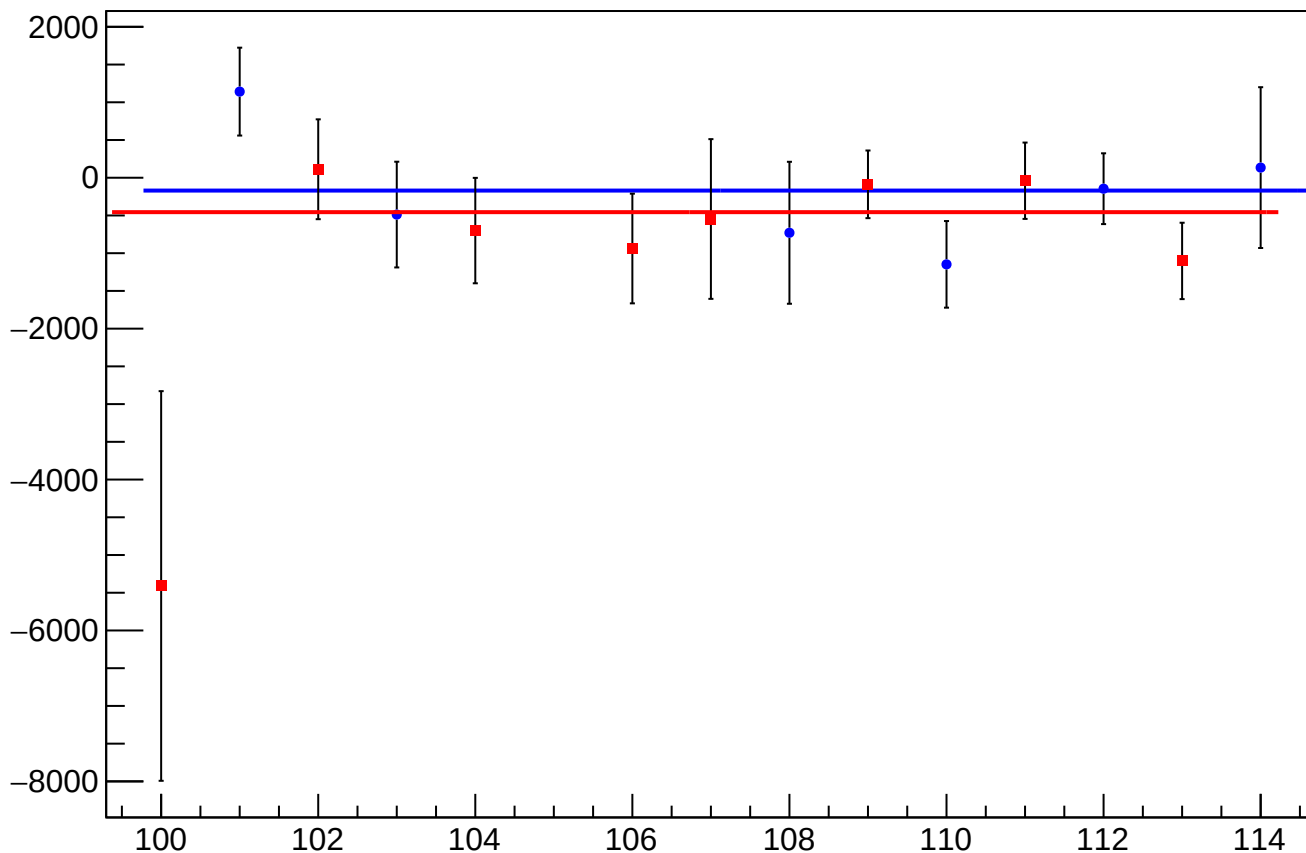
Right: 58.475+/-0.018 χ^2/NDF : 943098.9/13

In: 58.522+/-0.027 χ^2/NDF : 461427.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.475+/-0.018 χ^2/NDF : 943098.9/13

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

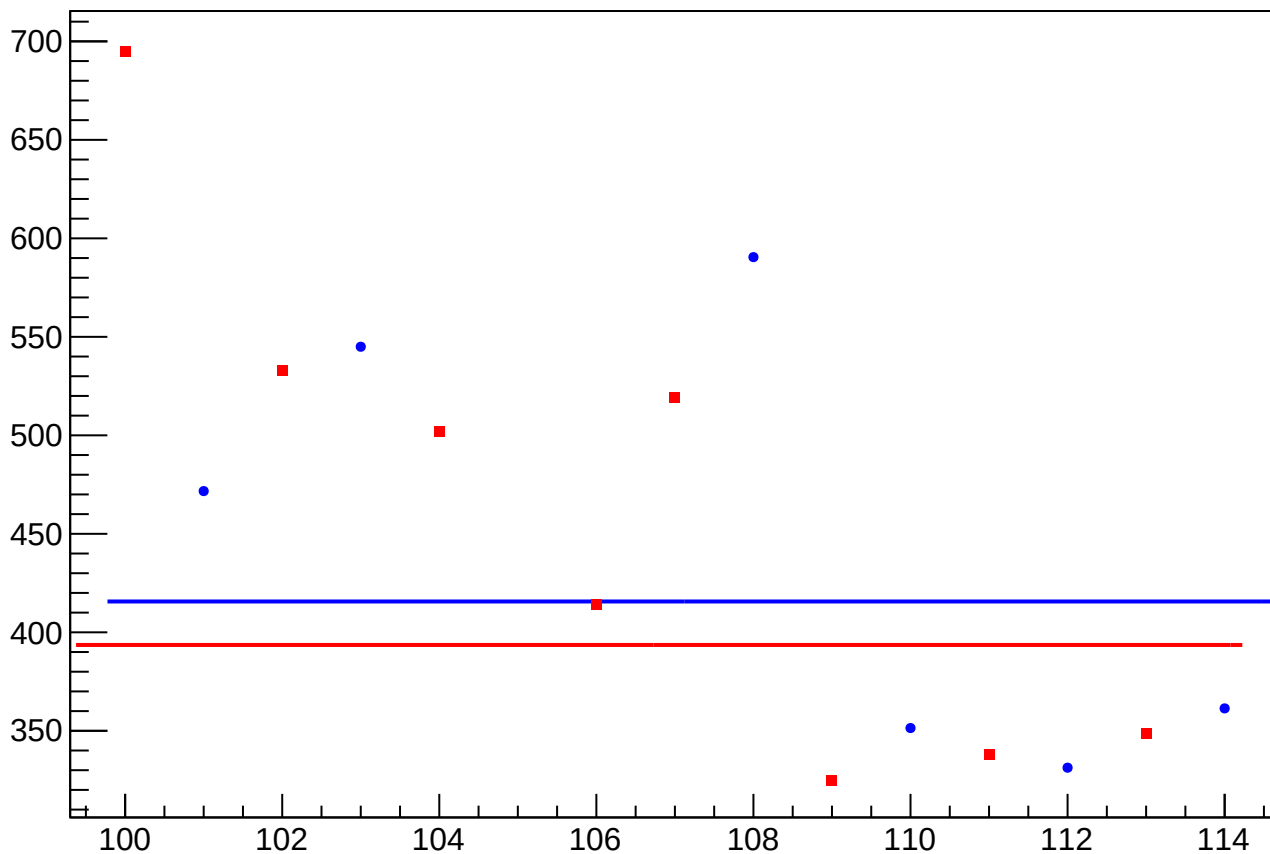
Right: -335.761+/-169.921 χ^2/NDF : 17.3/13

In: -170.143+/-261.928 χ^2/NDF : 8.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.761+/-169.921 χ^2/NDF : 17.3/13

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

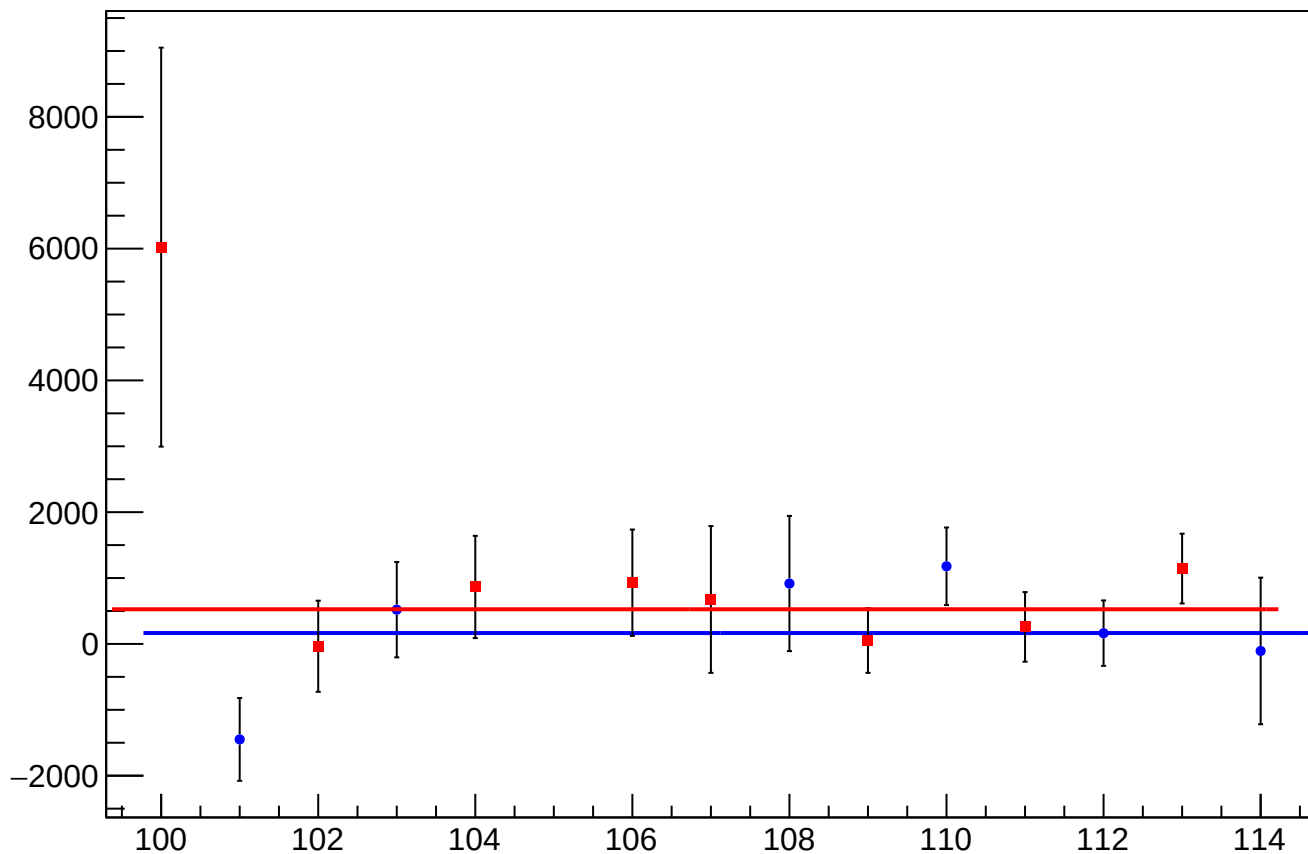
Right: 402.870+/-0.120 χ^2/NDF : 539736.2/13

In: 415.655+/-0.185 χ^2/NDF : 250694.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.870+/-0.120 χ^2/NDF : 539736.2/13

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

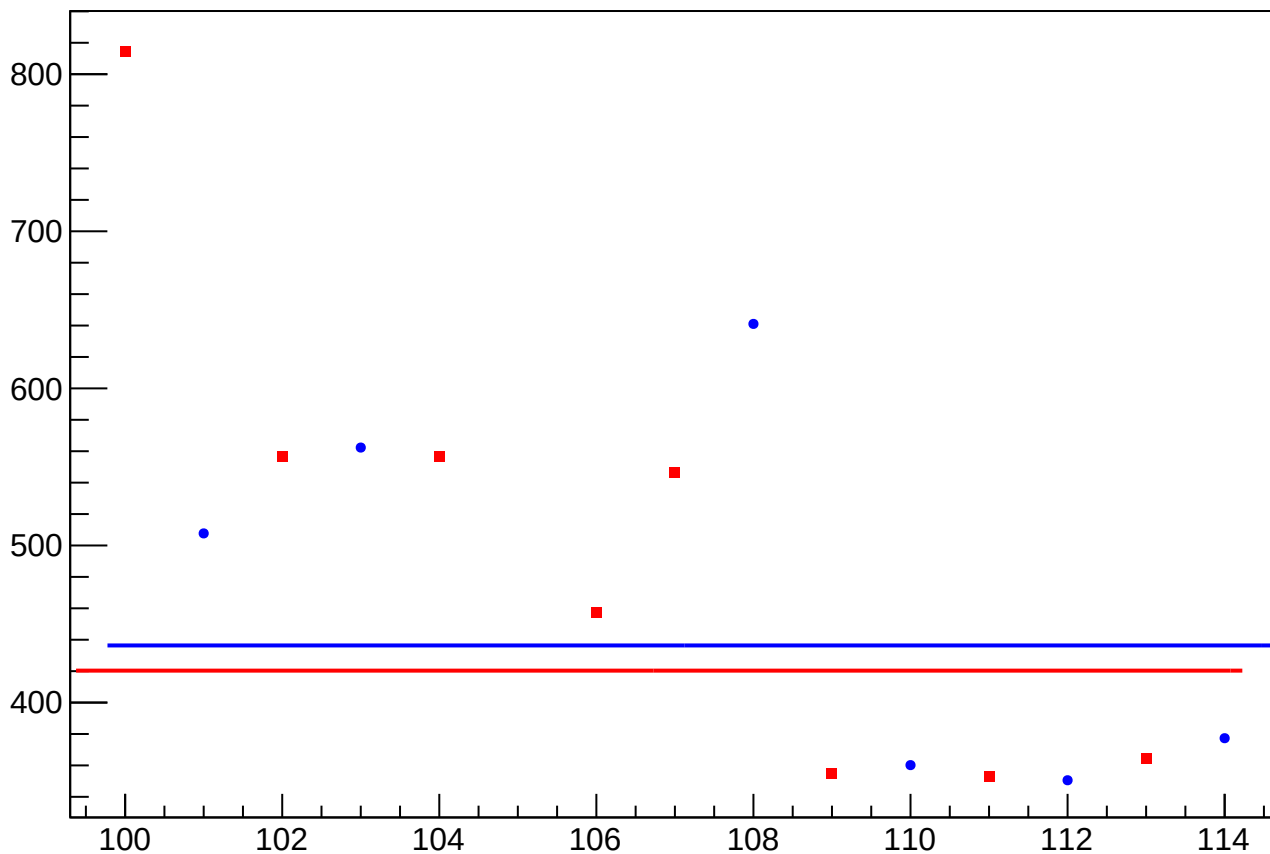
Right: 371.441+/-180.652 χ^2/NDF : 18.3/13

In: 165.186+/-275.883 χ^2/NDF : 10.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.441+/-180.652 χ^2/NDF : 18.3/13

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

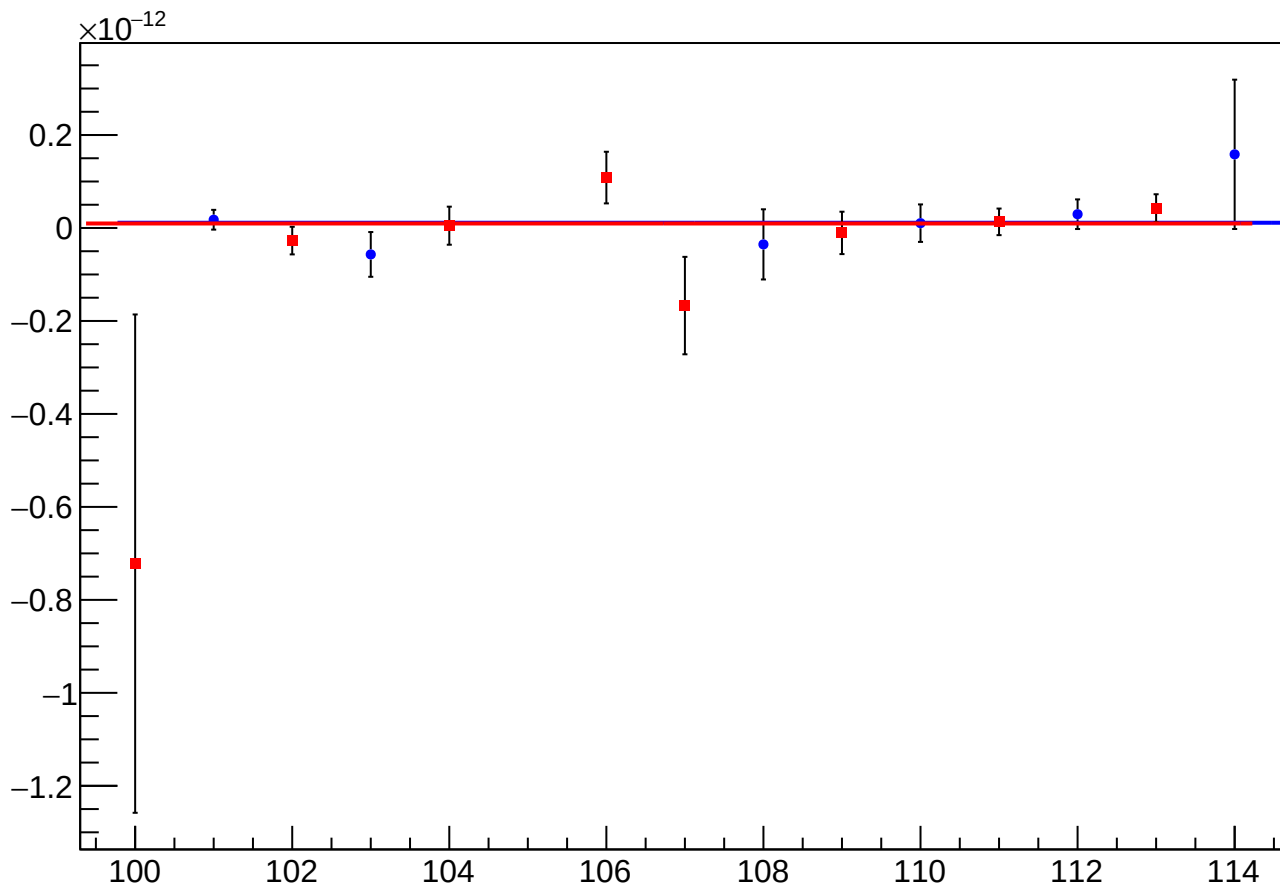
Right: 427.207 $\pm$ 0.128 χ^2 /NDF: 562847.6/13

In: 436.364 $\pm$ 0.195 χ^2 /NDF:264743.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 427.207 $\pm$ 0.128 χ^2 /NDF: 562847.6/13

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

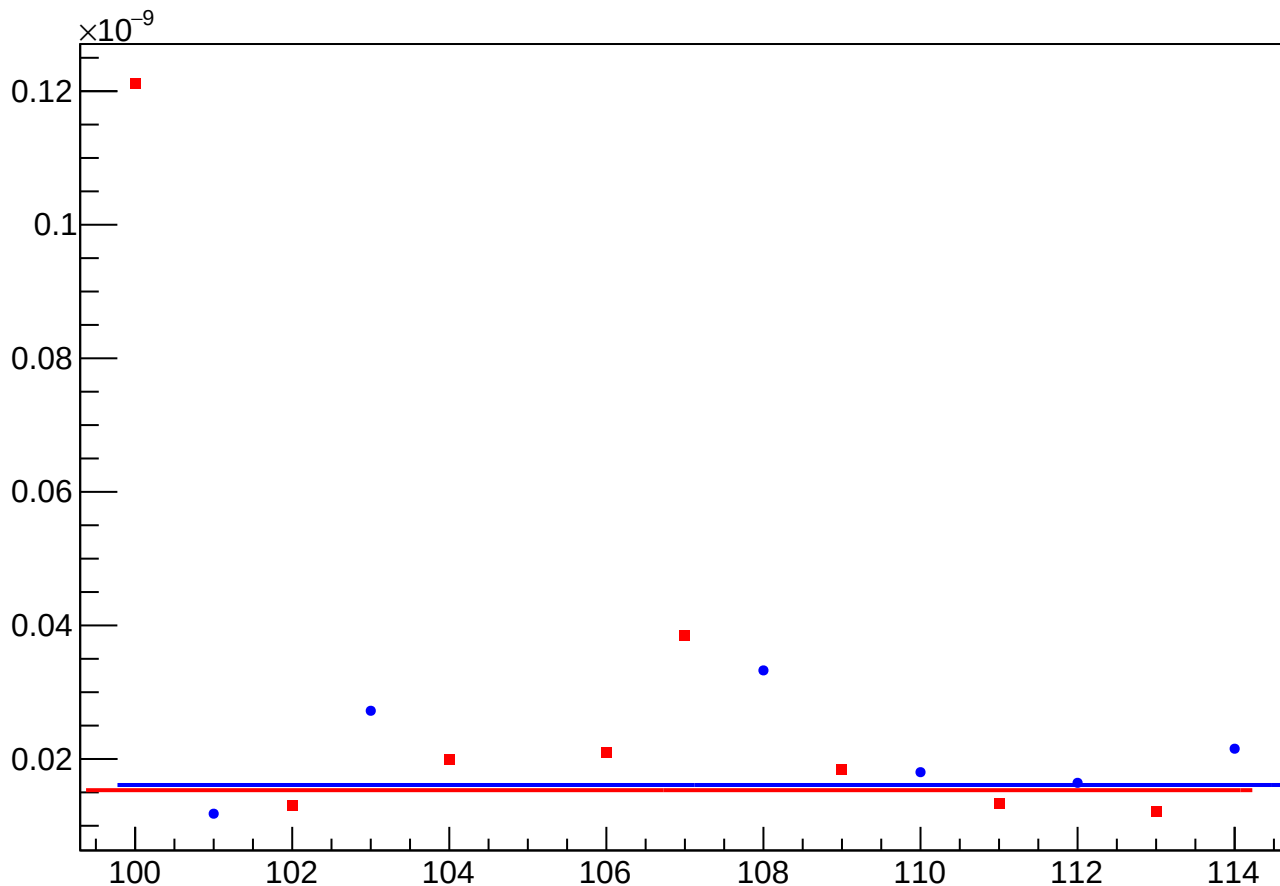
Right: 0.000+/-0.000 χ^2/NDF : 14.5/13

In: 0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/13

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 298850.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 272499.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

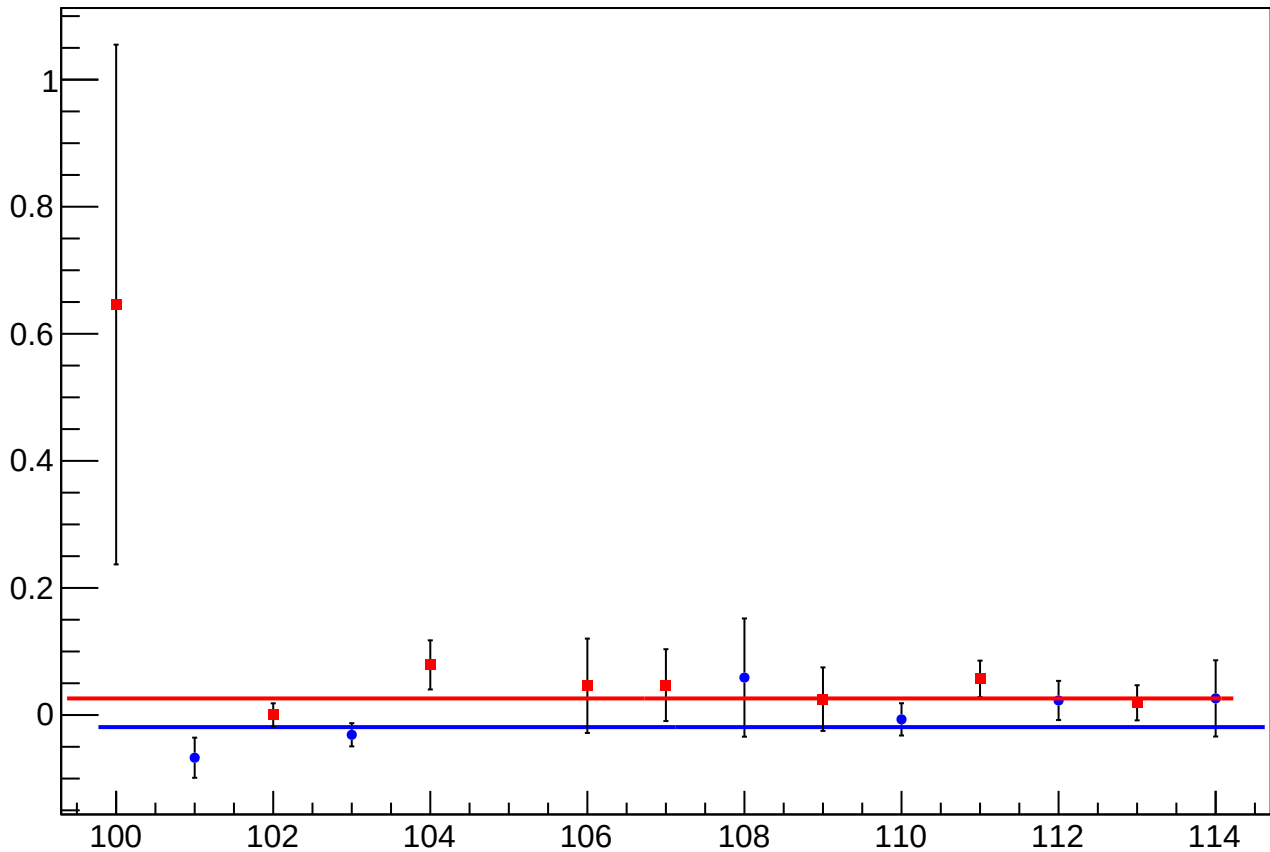
Right: 0.000+/-0.000 χ^2/NDF : 574193.0/13

In: 0.000+/-0.000 χ^2/NDF : 298850.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 574193.0/13

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

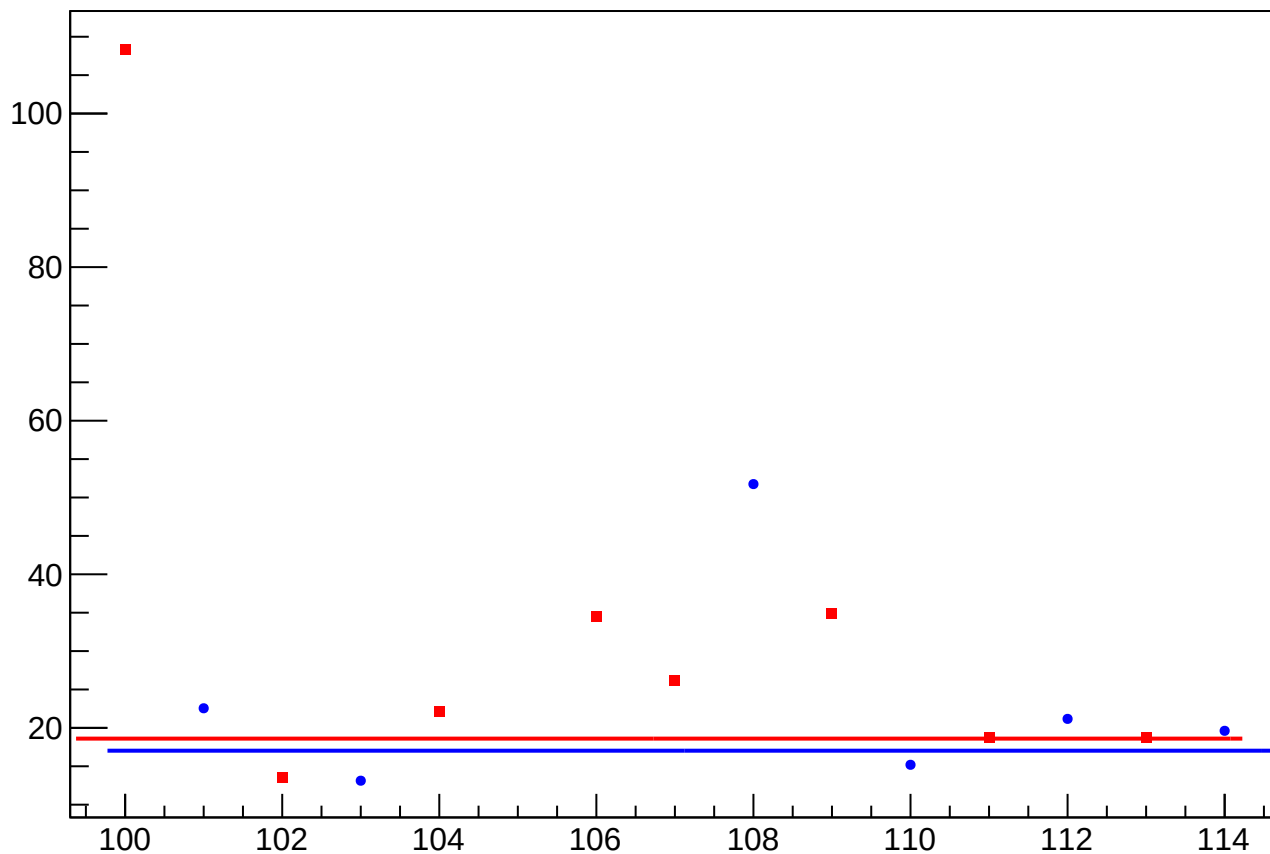
Right: 0.004+/-0.008 χ^2/NDF : 20.9/13

In: -0.019+/-0.012 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 20.9/13

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.030+/-0.008 χ^2/NDF : 481855.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.603+/-0.008 χ^2/NDF : 600440.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

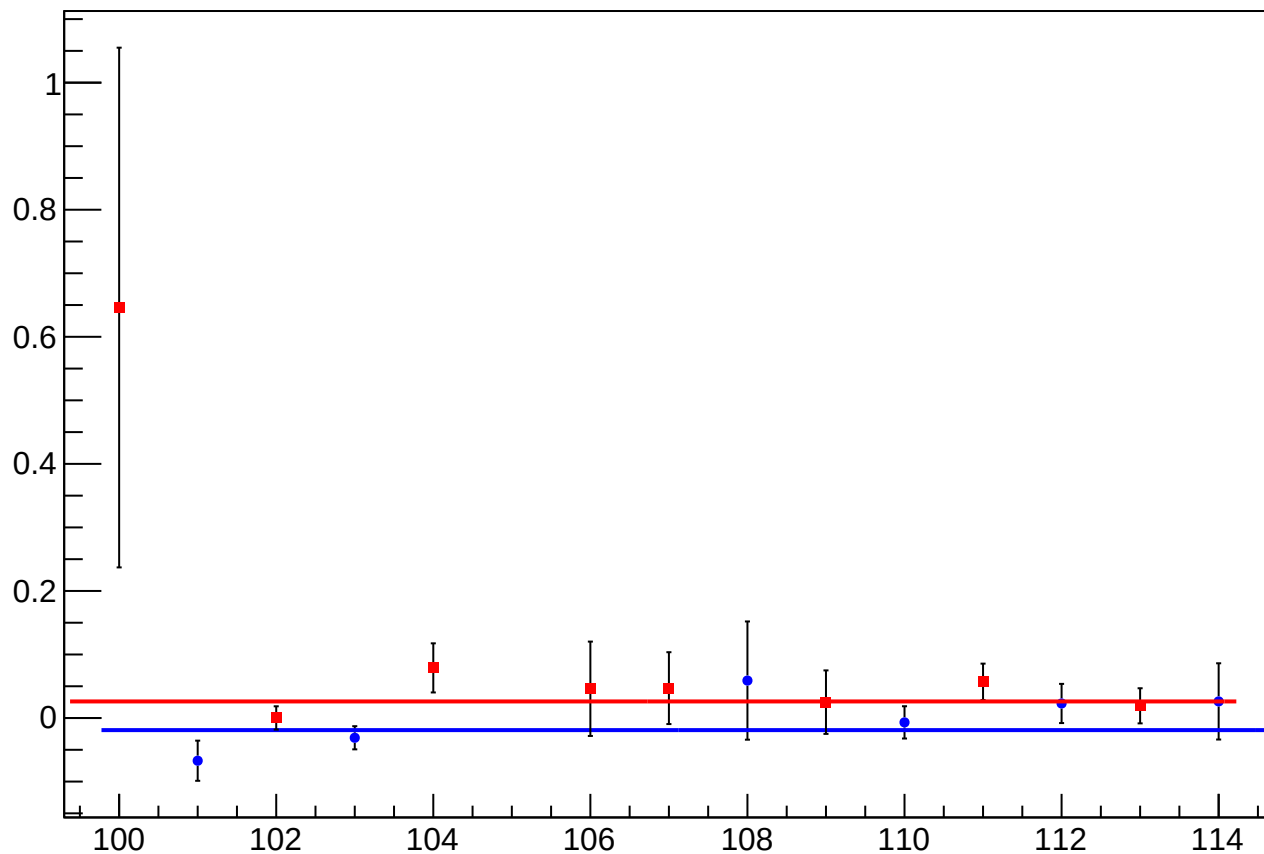
Right: 17.819+/-0.006 χ^2/NDF : 1099705.8/13

In: 17.030+/-0.008 χ^2/NDF : 481855.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.819+/-0.006 χ^2/NDF : 1099705.8/13

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

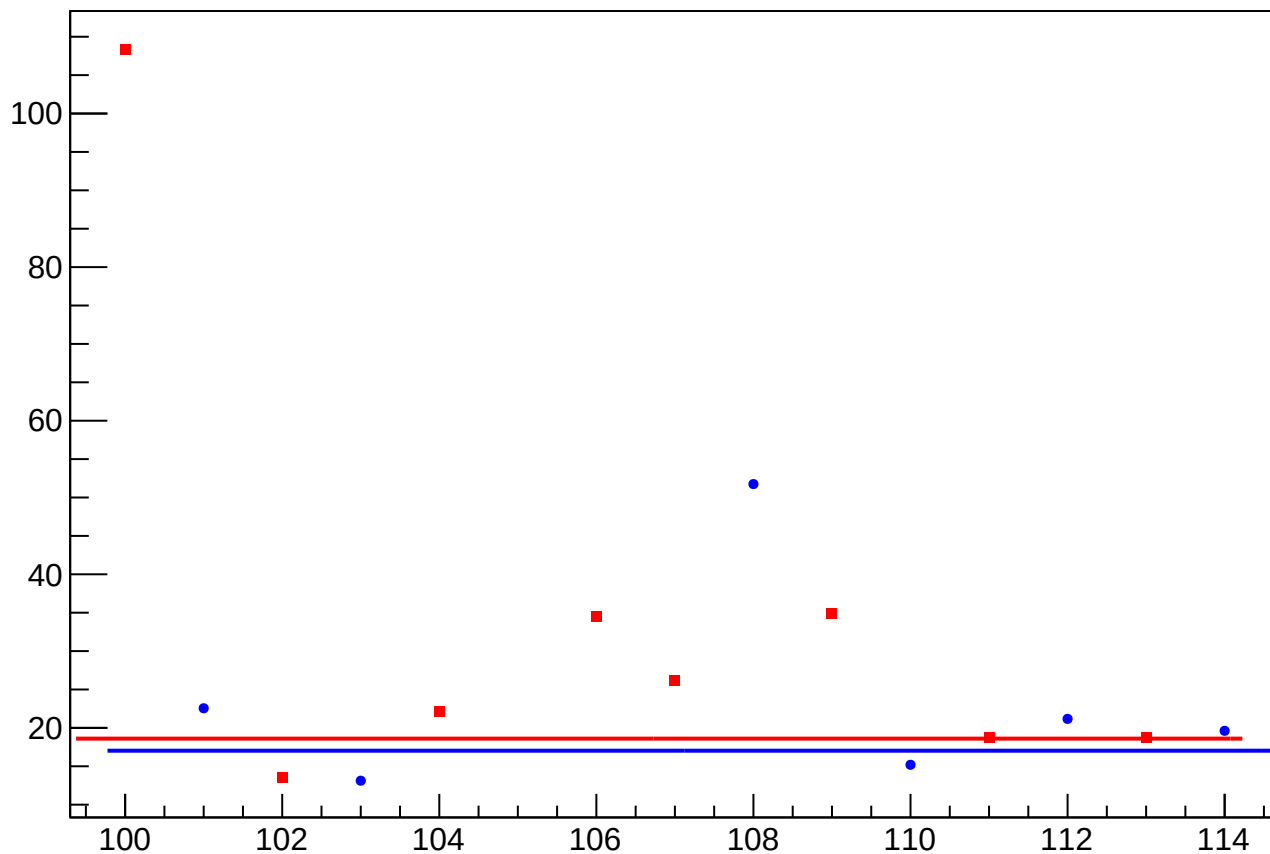
Right: 0.004+/-0.008 χ^2/NDF : 20.9/13

In: -0.019+/-0.012 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 20.9/13

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.030+/-0.008 χ^2/NDF : 481855.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.603+/-0.008 χ^2/NDF : 600440.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

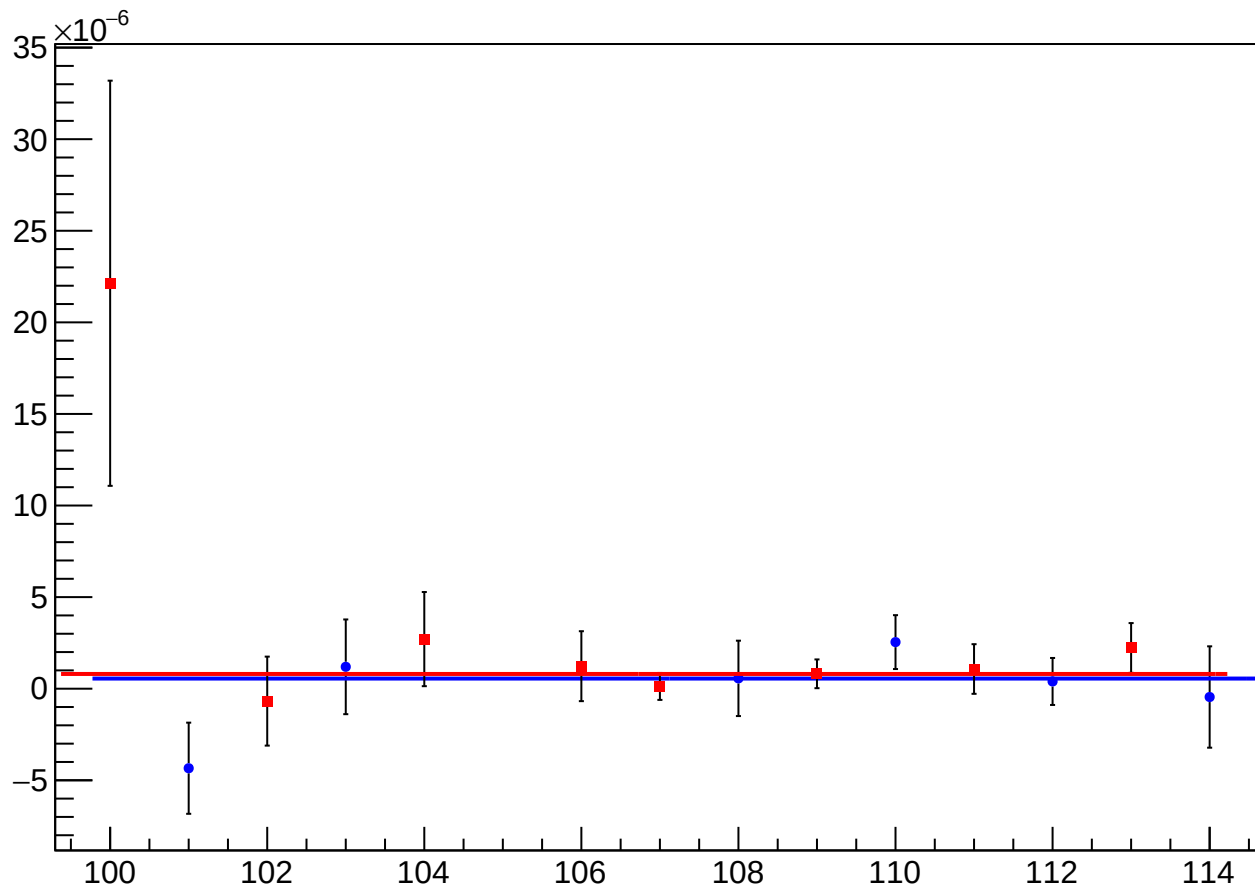
Right: 17.819+/-0.006 χ^2/NDF : 1099705.8/13

In: 17.030+/-0.008 χ^2/NDF : 481855.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.819+/-0.006 χ^2/NDF : 1099705.8/13

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

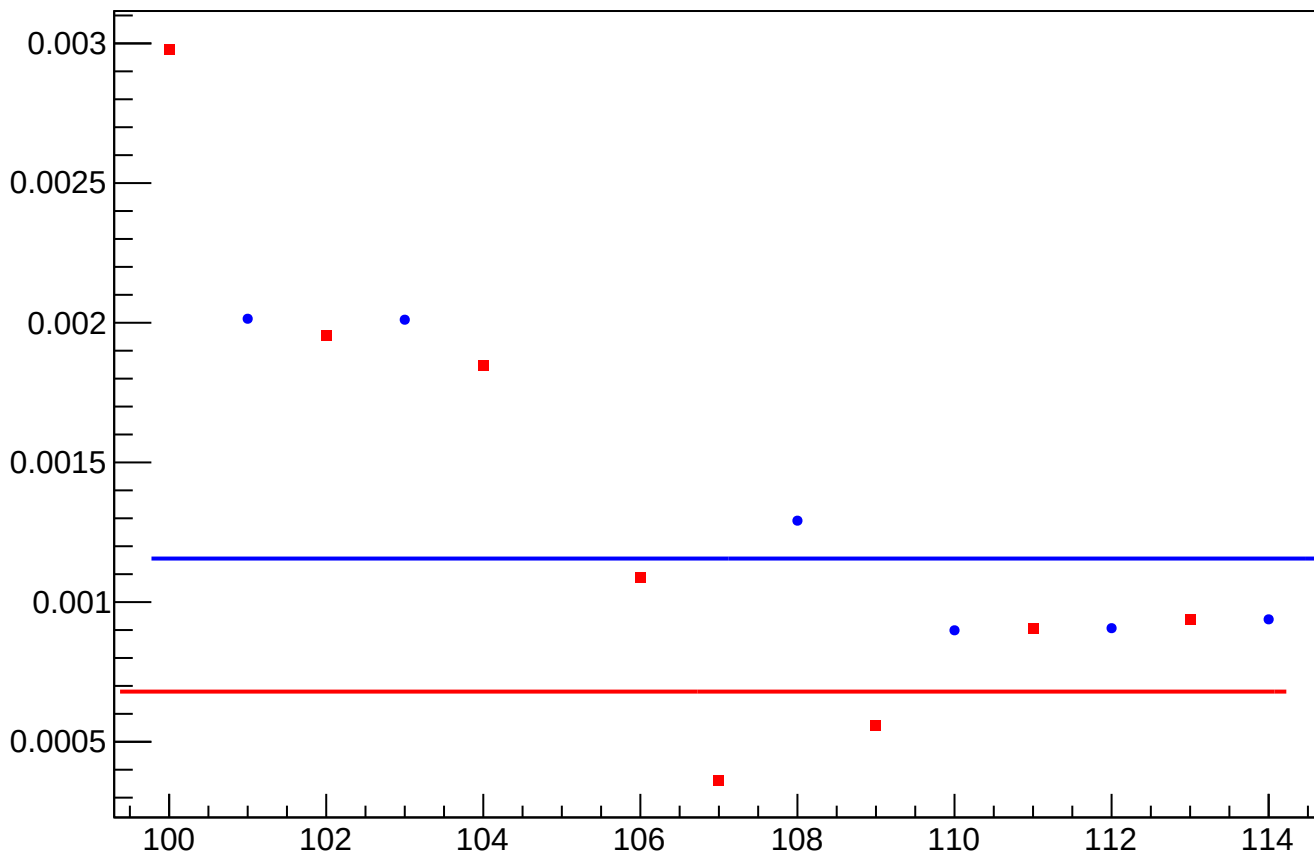
Right: 0.000+/-0.000 χ^2/NDF : 12.7/13

In: 0.000+/-0.000 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.7/13

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

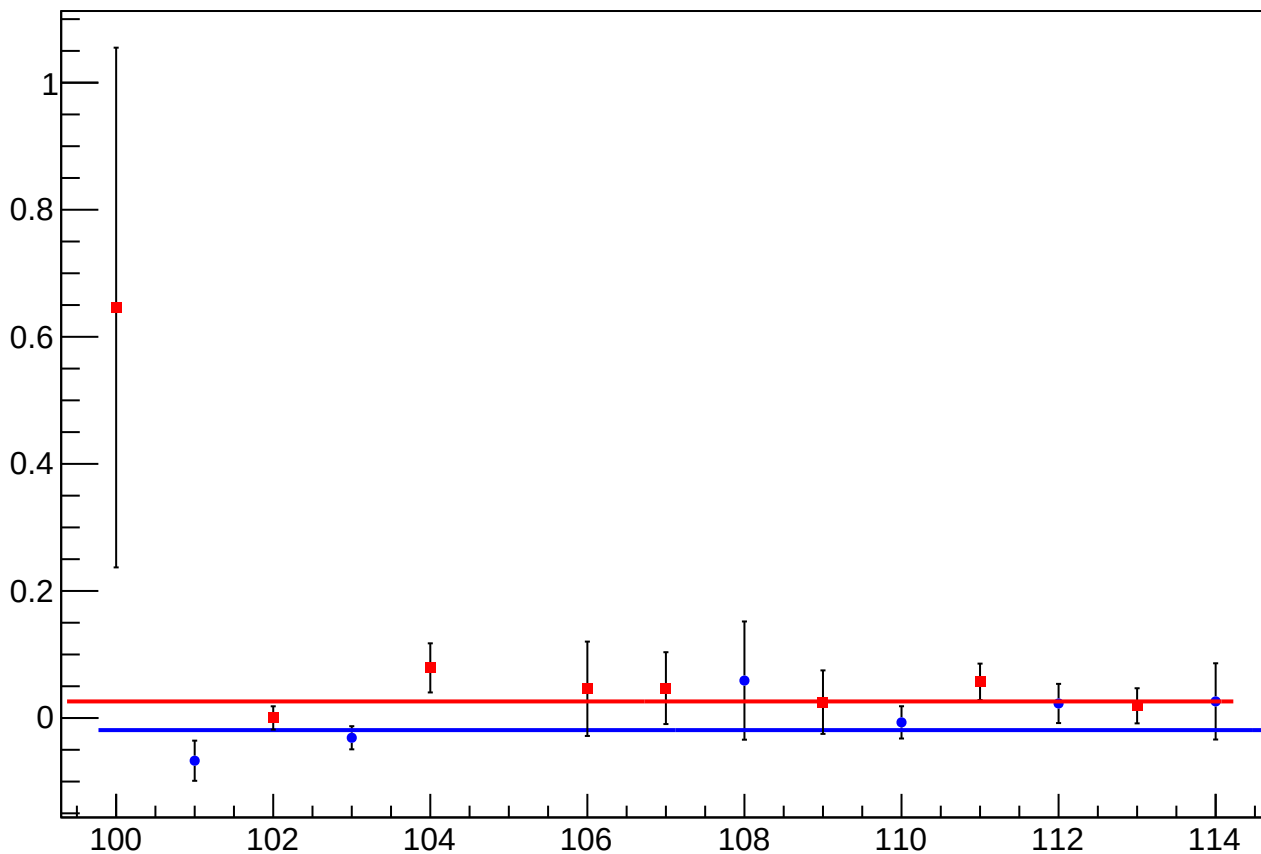
Right: 0.001+/-0.000 χ^2/NDF : 2898986.8/13

In: 0.001+/-0.000 χ^2/NDF : 614356.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2898986.8/13

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

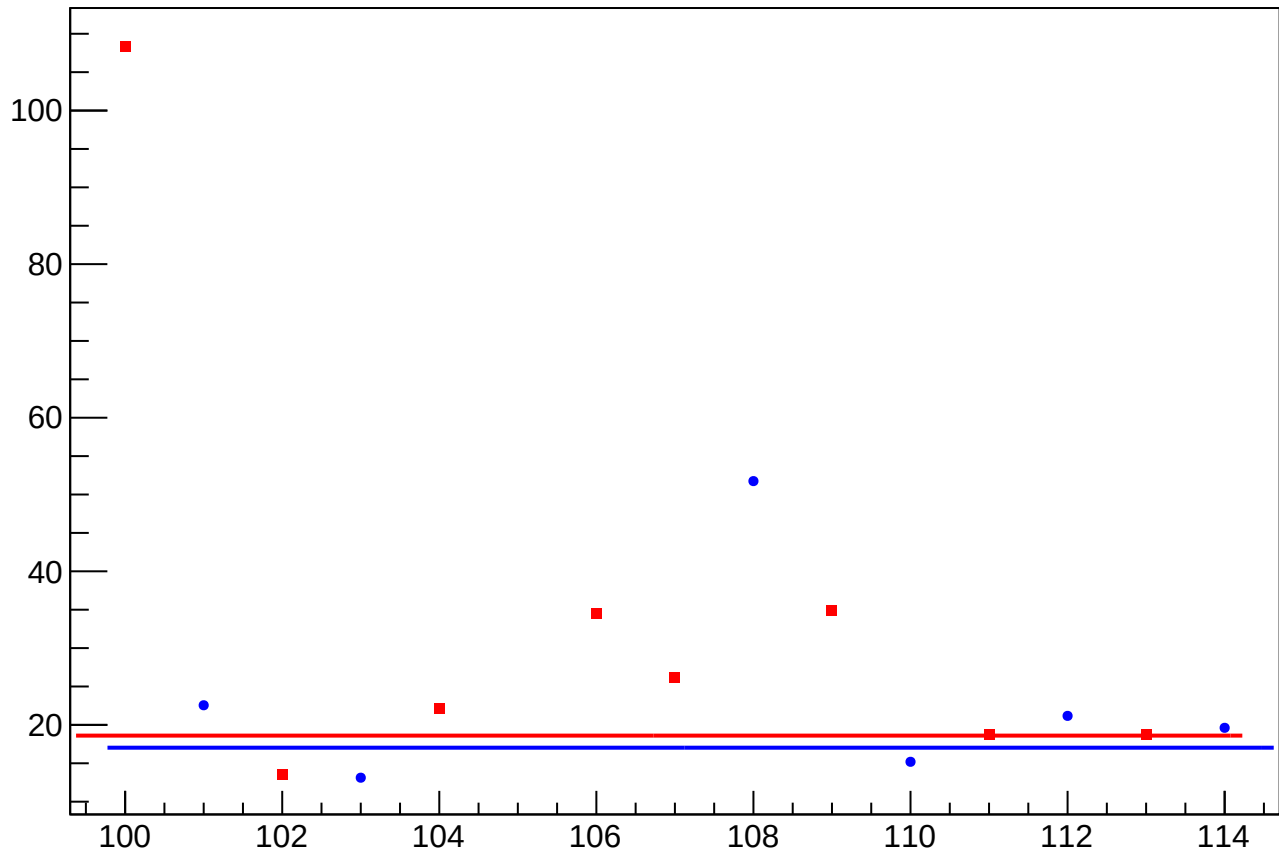
Right: 0.004+/-0.008 χ^2/NDF : 20.9/13

In: -0.019+/-0.012 χ^2/NDF : 6.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 20.9/13

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

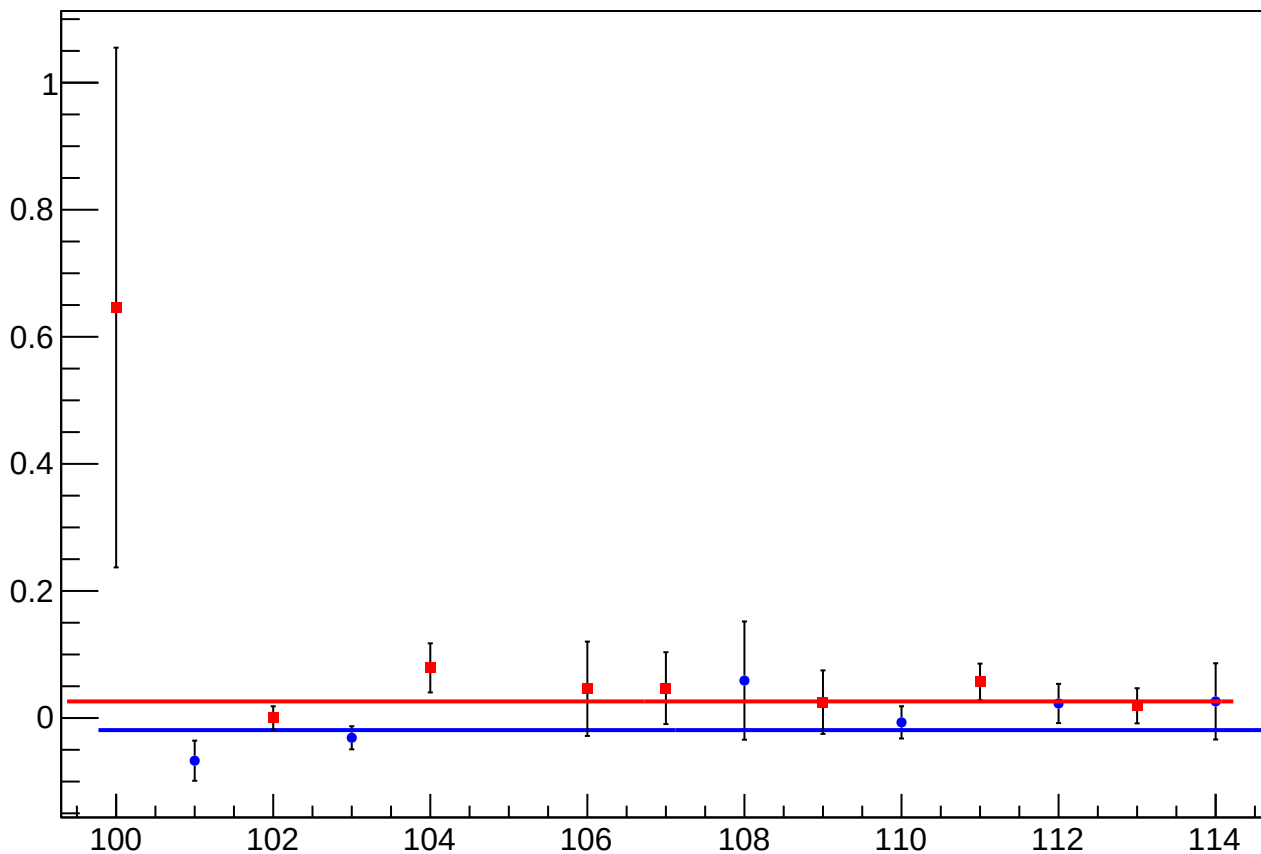
Right: 17.820+/-0.006 χ^2/NDF : 1099614.9/13

In: 17.031+/-0.008 χ^2/NDF : 481845.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.820+/-0.006 χ^2/NDF : 1099614.9/13

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

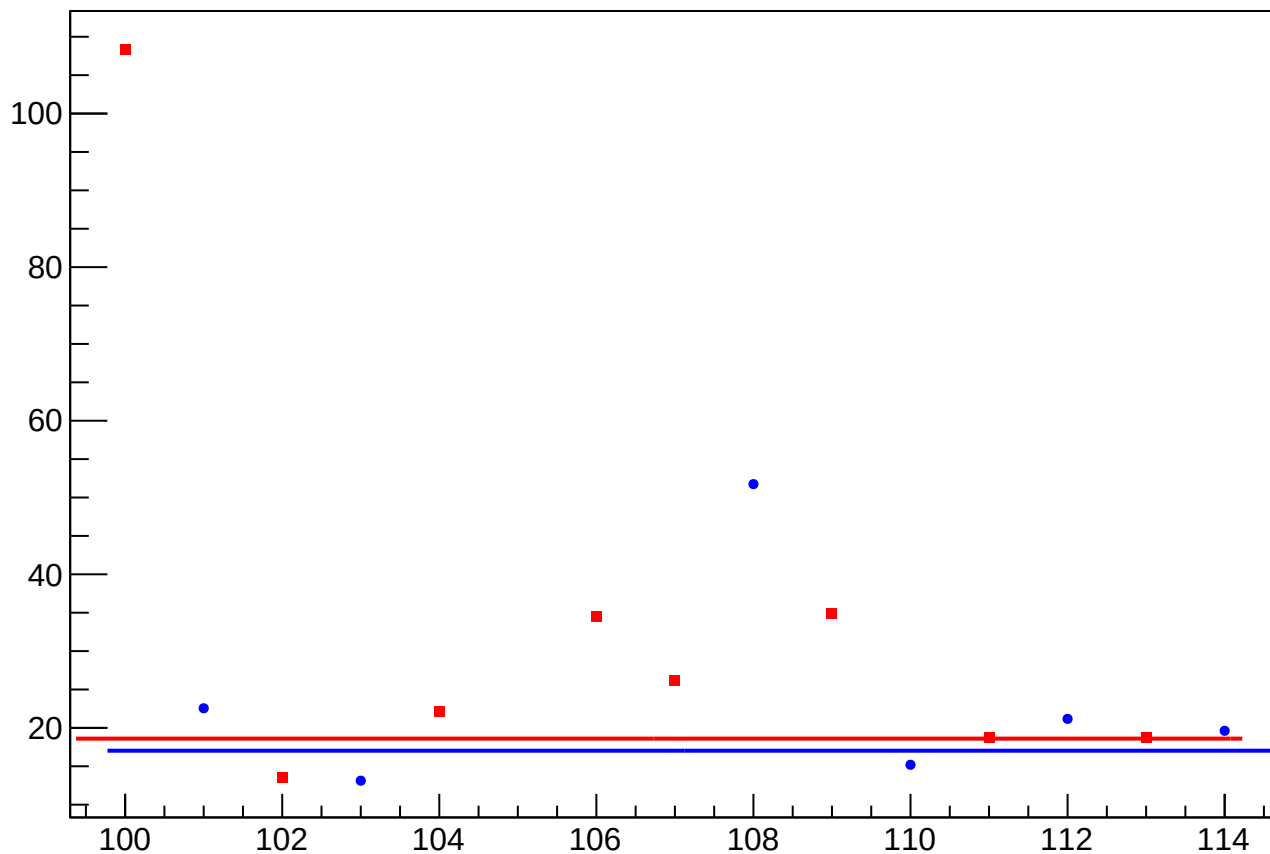
Right: 0.004 ± 0.008 χ^2/NDF : 20.9/13

In: -0.019 ± 0.012 χ^2/NDF : 6.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.008 χ^2/NDF : 20.9/13

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

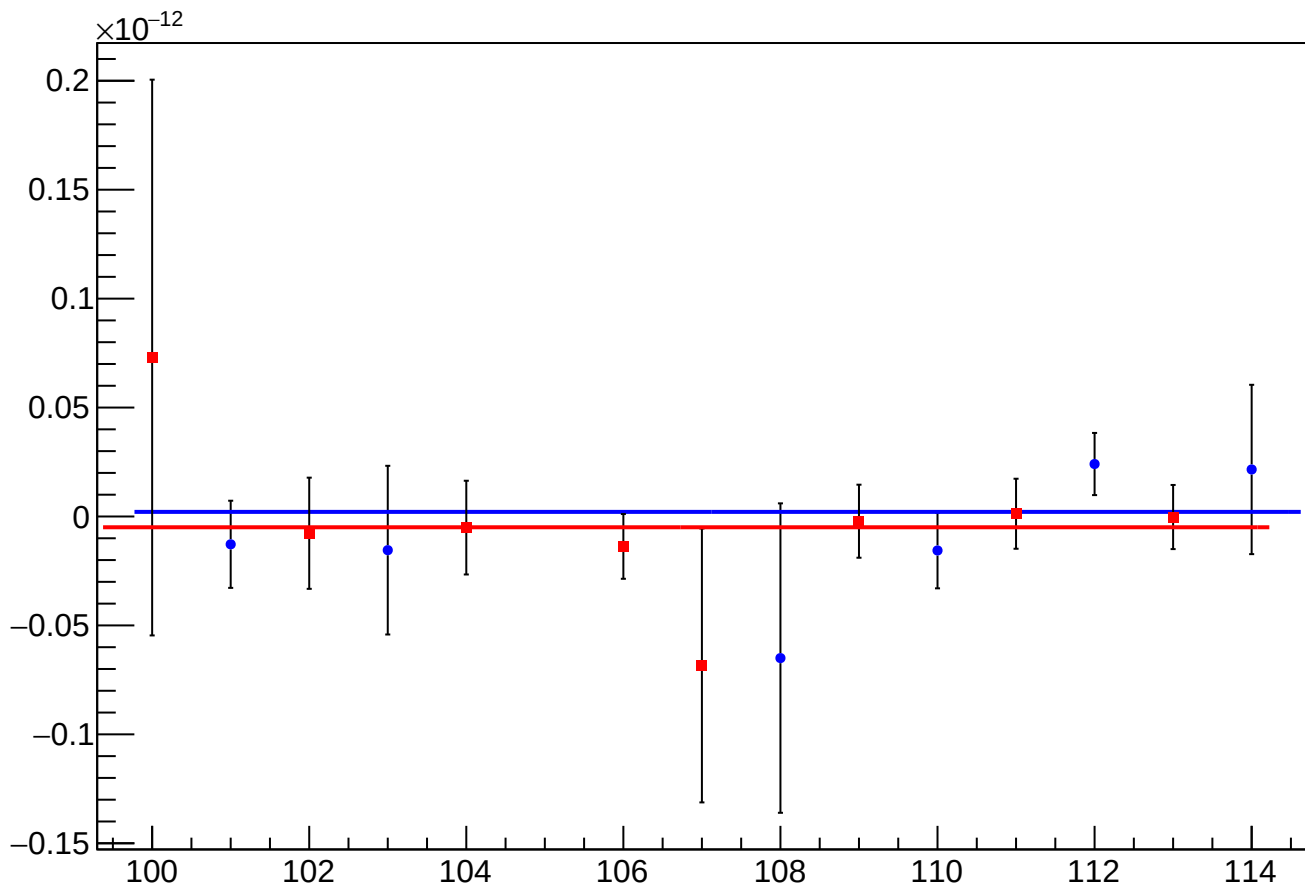
Right: 17.820+/-0.006 χ^2/NDF : 1099614.9/13

In: 17.031+/-0.008 χ^2/NDF : 481845.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.820+/-0.006 χ^2/NDF : 1099614.9/13

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 2.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

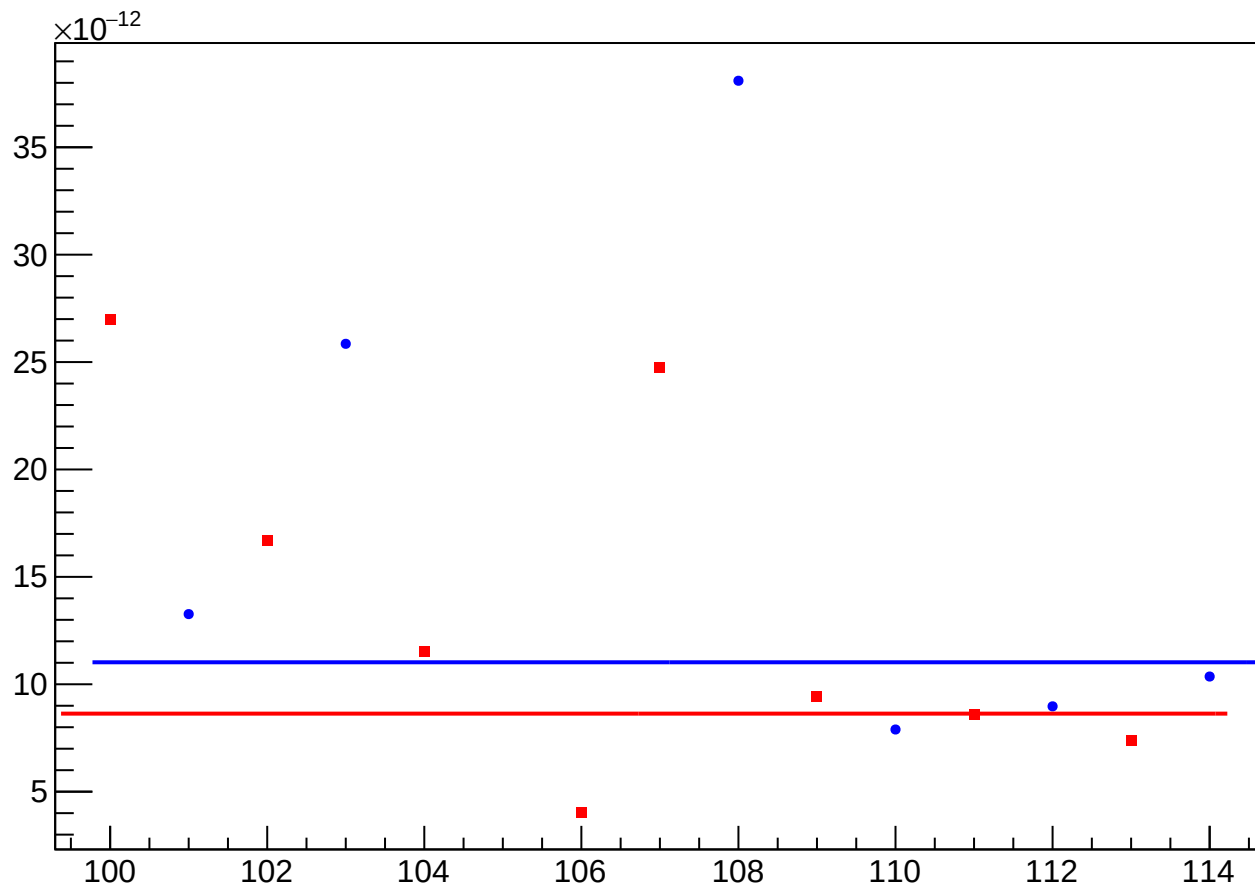
Right: -0.000+/-0.000 χ^2/NDF : 7.7/13

In: 0.000+/-0.000 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.7/13

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

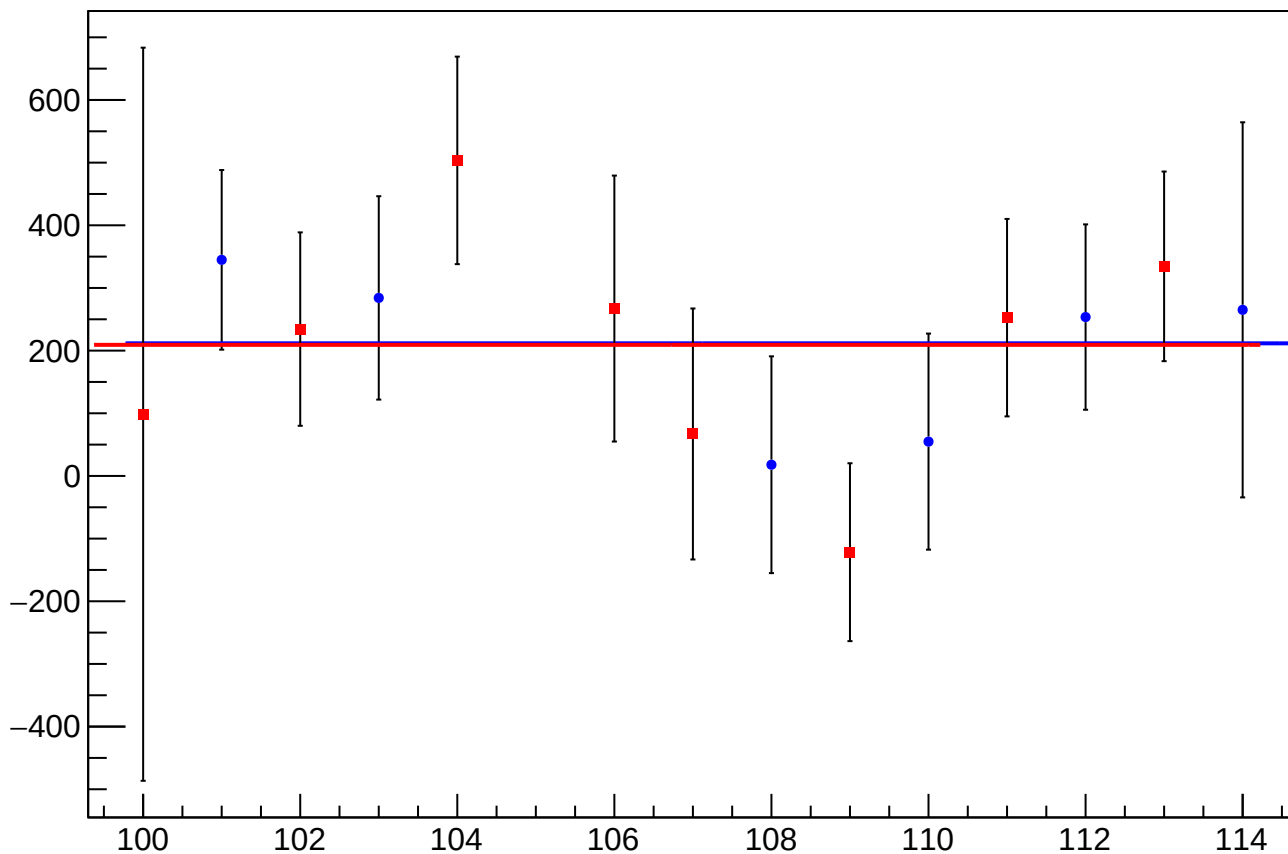
Right: 0.000+/-0.000 χ^2/NDF : 1423154.7/13

In: 0.000+/-0.000 χ^2/NDF : 715811.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1423154.7/13

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

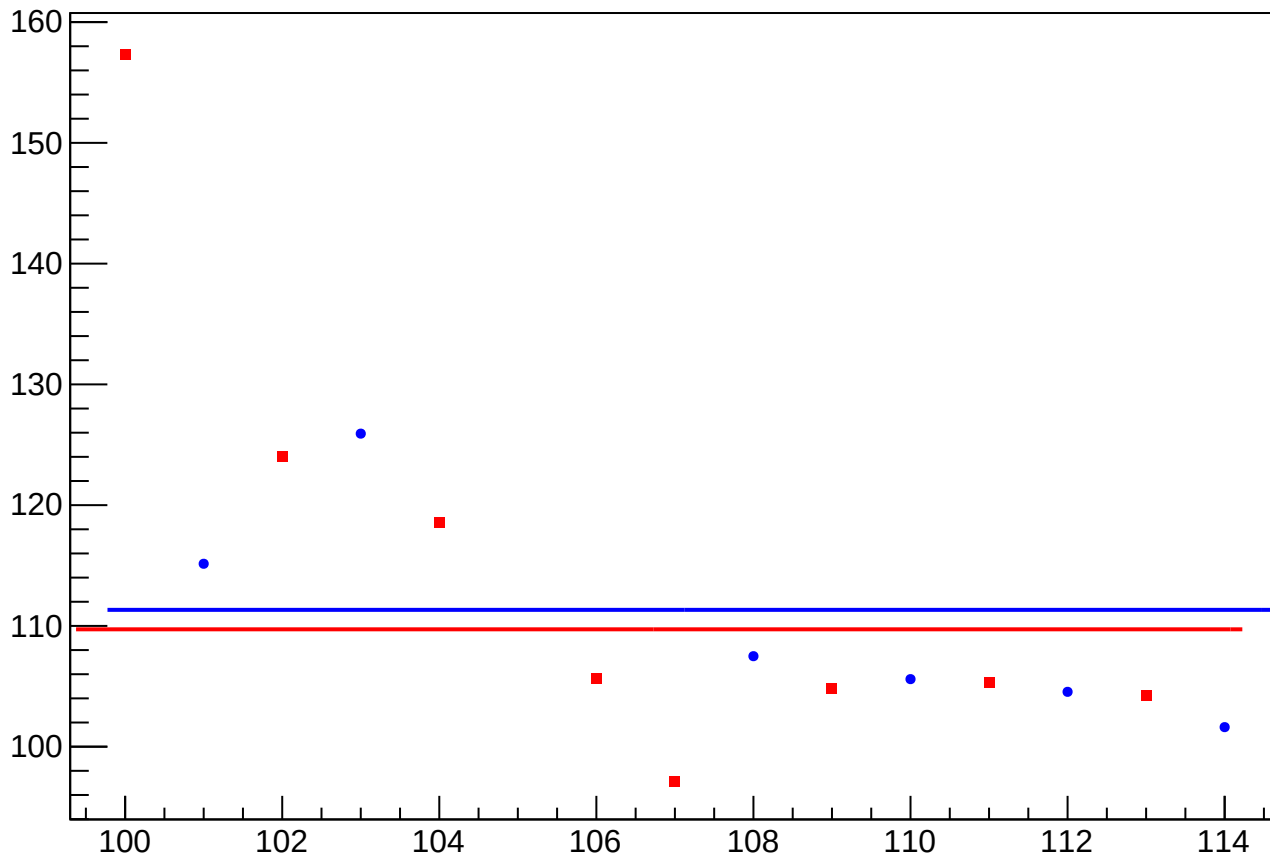
Right: 210.302 $\pm$ 45.995 χ^2 /NDF: 13.3/13

In: 211.635 $\pm$ 68.911 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 210.302 $\pm$ 45.995 χ^2 /NDF: 13.3/13

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 111.330+/-0.049 χ^2/NDF : 27104.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.718+/-0.044 χ^2/NDF : 51437.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

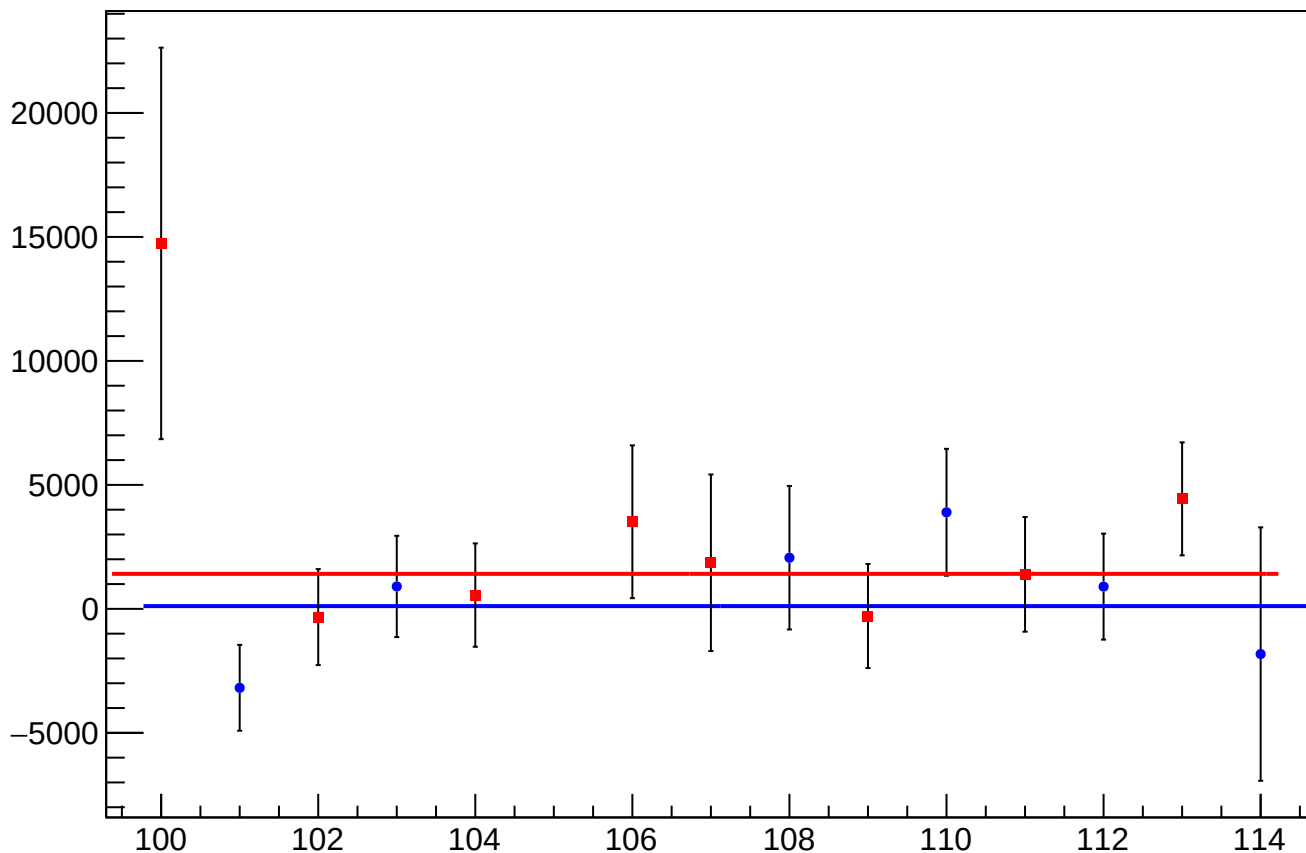
Right: 110.436+/-0.033 χ^2/NDF : 79148.9/13

In: 111.330+/-0.049 χ^2/NDF : 27104.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.436+/-0.033 χ^2/NDF : 79148.9/13

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

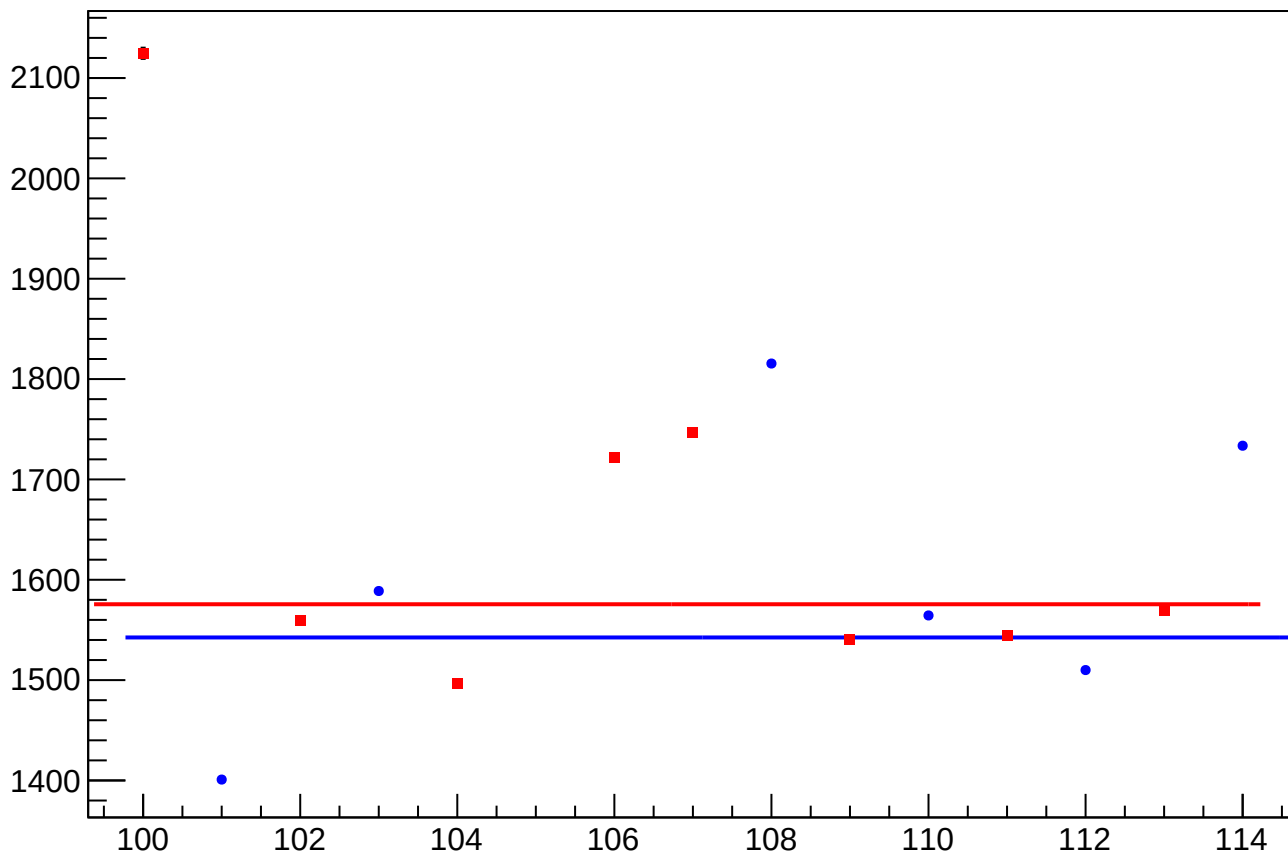
Right: 816.237 $\pm$ 644.549 χ^2 /NDF: 14.4/13

In: 111.306 $\pm$ 952.256 χ^2 /NDF:6.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 816.237 $\pm$ 644.549 χ^2 /NDF: 14.4/13

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

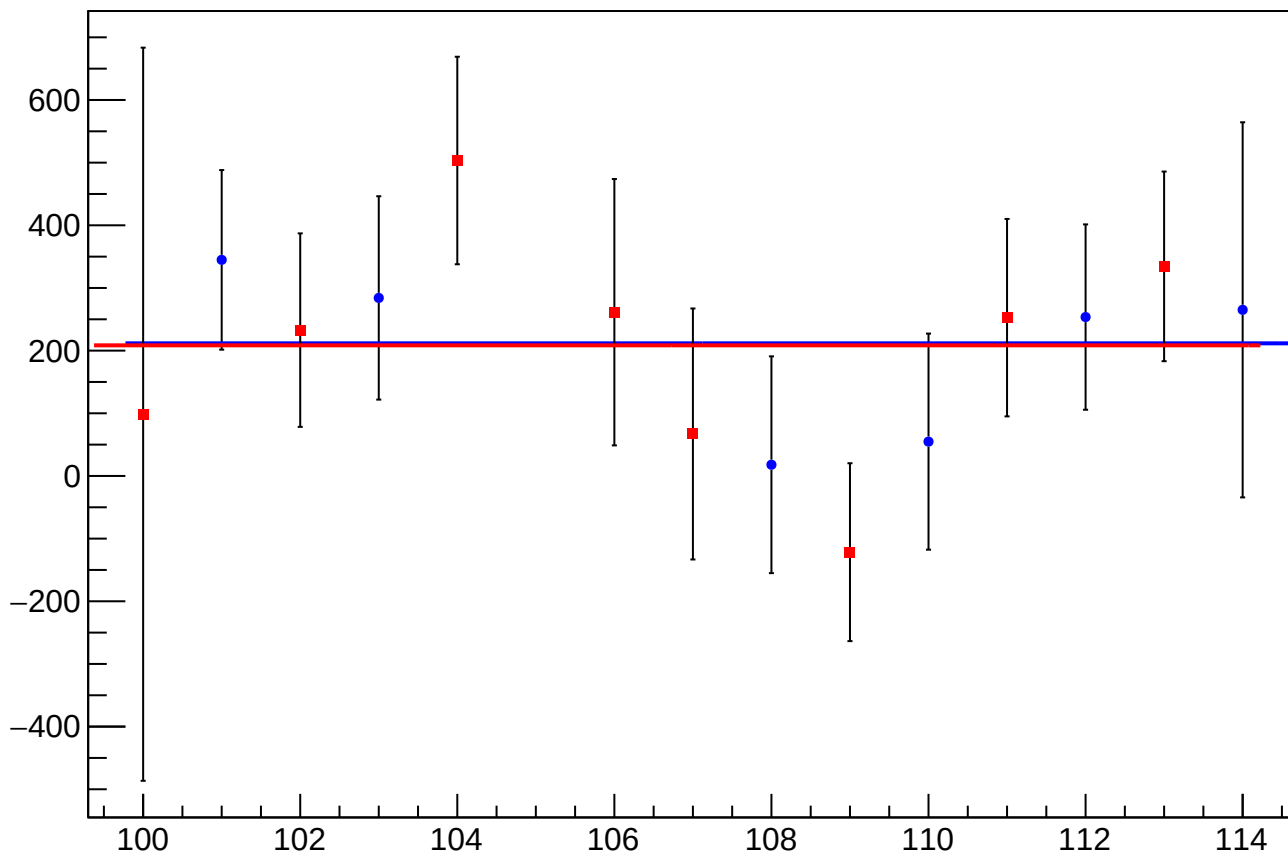
Right: 1560.437+/-0.456 χ^2/NDF : 59749.5/13

In: 1542.505+/-0.673 χ^2/NDF : 35616.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.437+/-0.456 χ^2/NDF : 59749.5/13

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

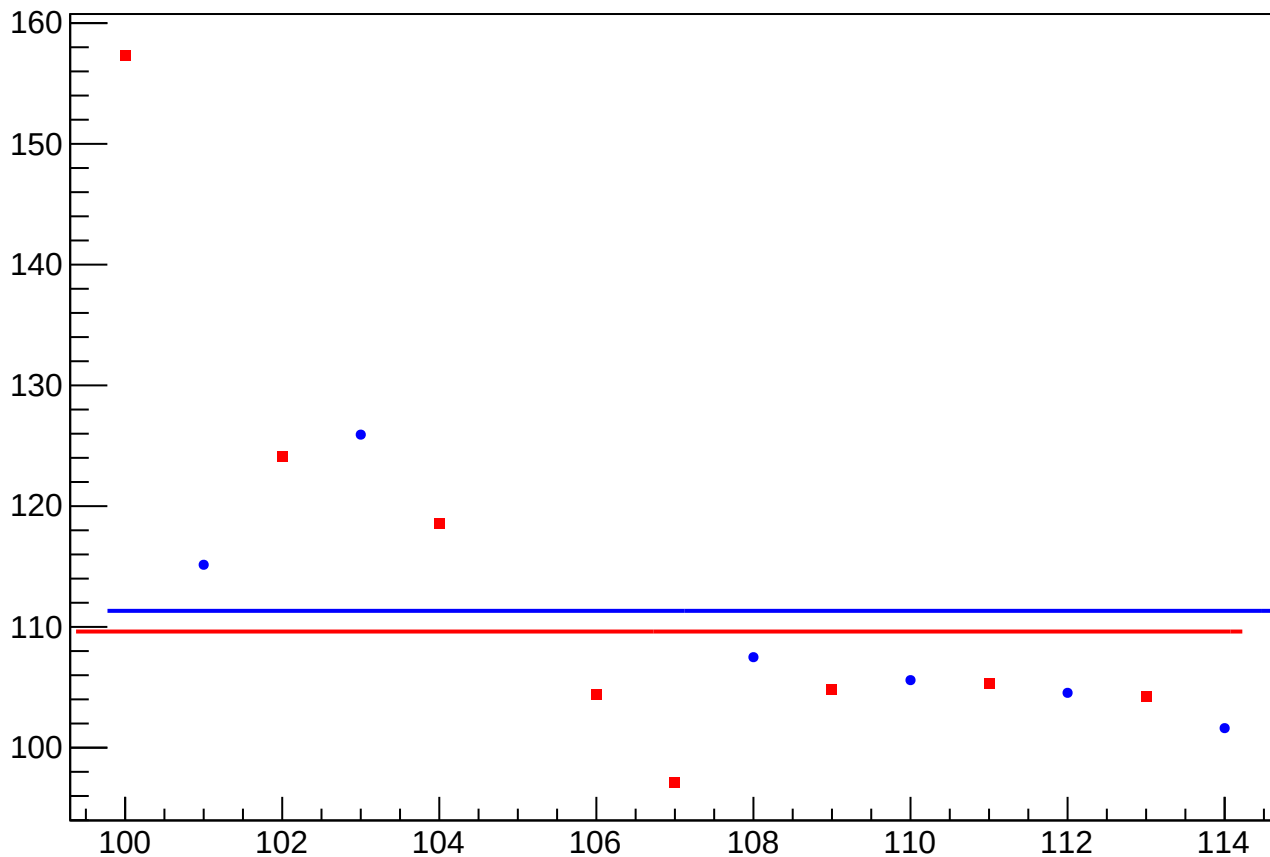
Right: 209.859 $\pm$ 46.000 χ^2 /NDF: 13.2/13

In: 211.634 $\pm$ 68.911 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 209.859 $\pm$ 46.000 χ^2 /NDF: 13.2/13

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 111.330+/-0.049 χ^2/NDF : 27105.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.617+/-0.044 χ^2/NDF : 52088.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

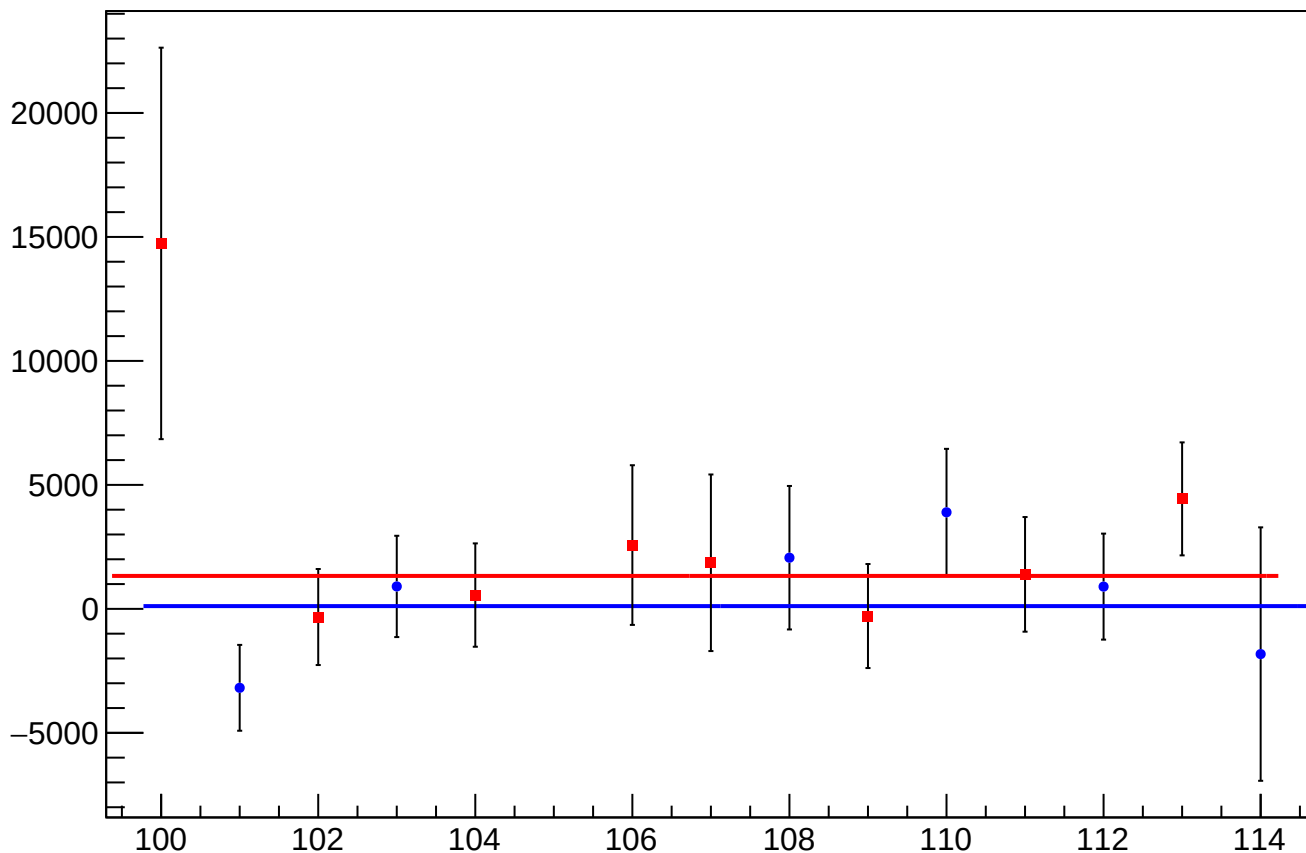
Right: 110.381+/-0.033 χ^2/NDF : 79879.5/13

In: 111.330+/-0.049 χ^2/NDF : 27105.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.381+/-0.033 χ^2/NDF : 79879.5/13

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

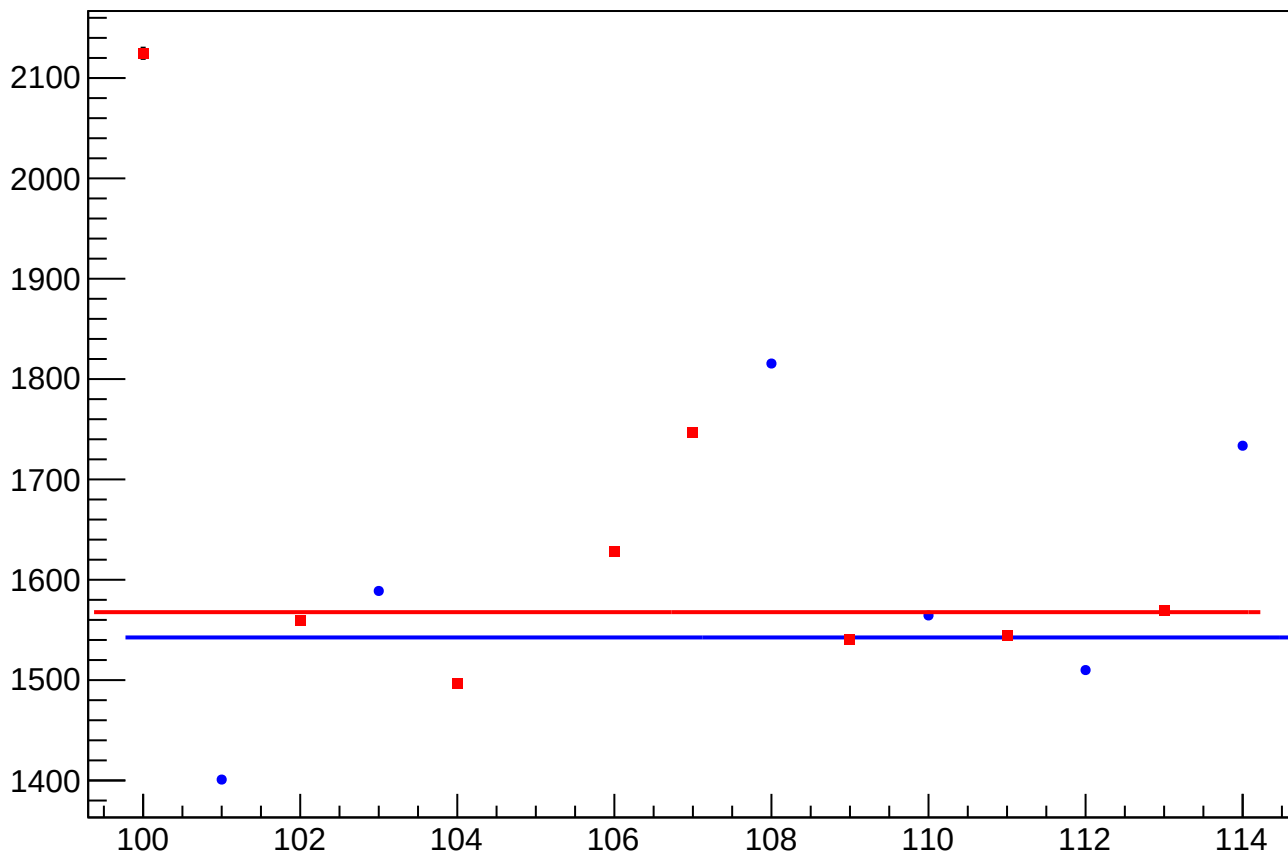
Right: 769.000 $\pm$ 645.770 χ^2 /NDF: 14.0/13

In: 111.406 $\pm$ 952.264 χ^2 /NDF:6.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 769.000 $\pm$ 645.770 χ^2 /NDF: 14.0/13

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

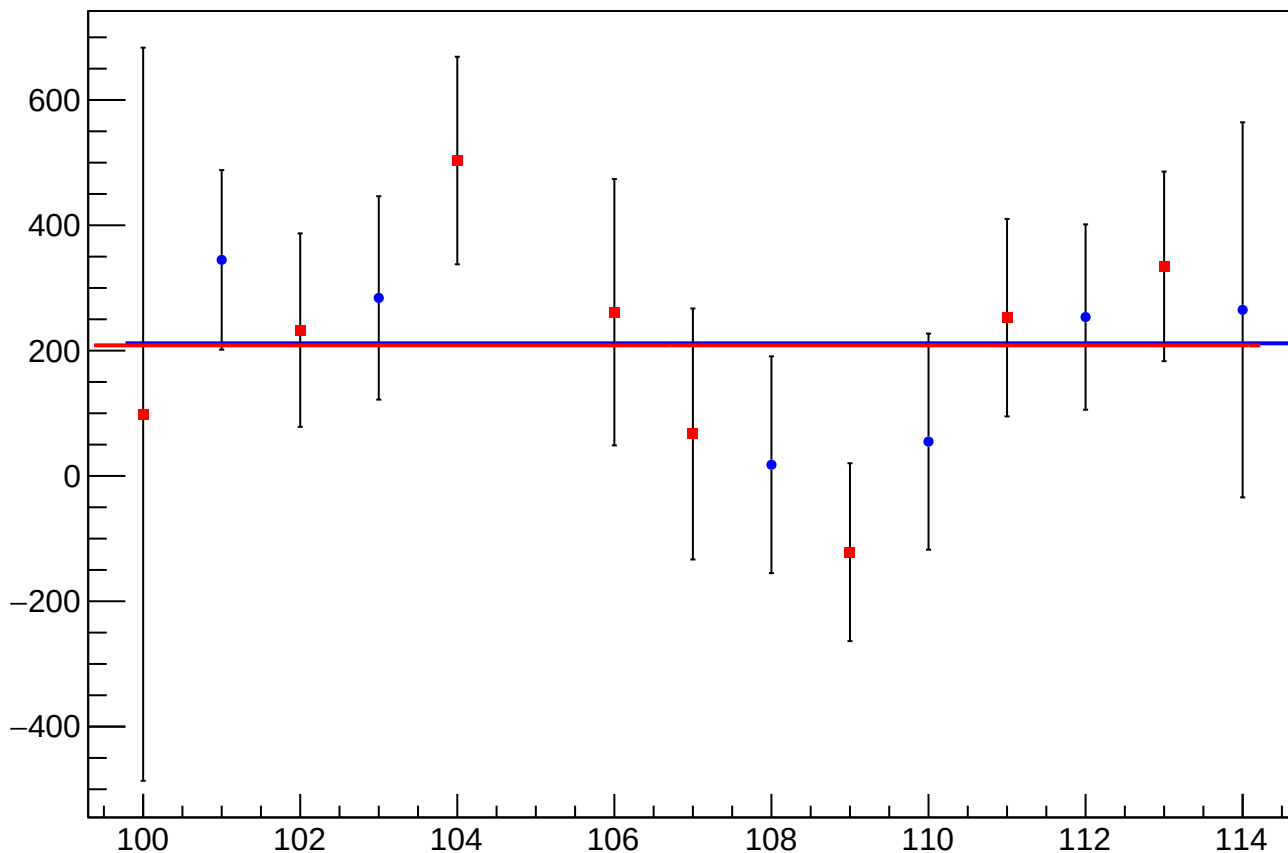
Right: 1556.133+/-0.457 χ^2/NDF : 55026.8/13

In: 1542.518+/-0.673 χ^2/NDF : 35618.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.133+/-0.457 χ^2/NDF : 55026.8/13

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

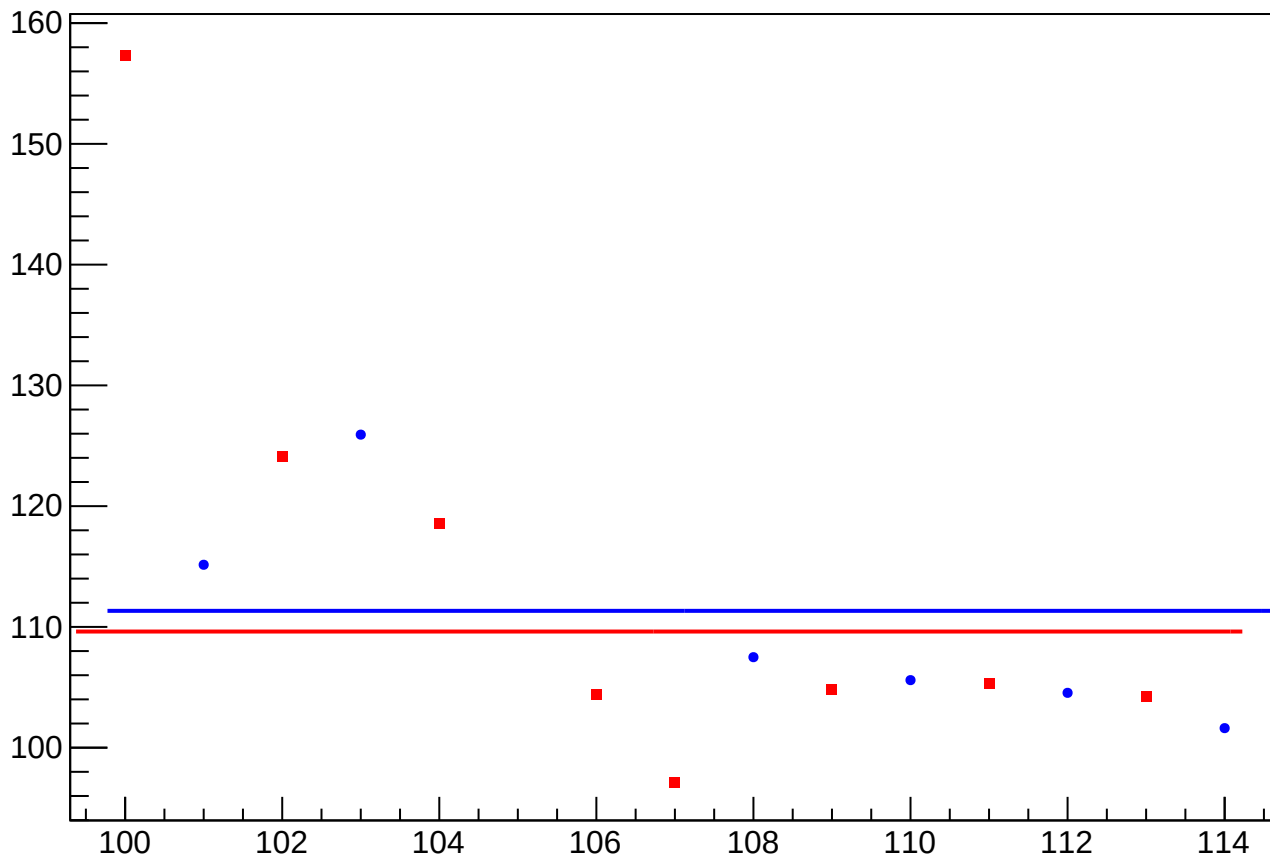
Right: 209.859 $\pm$ 46.000 χ^2 /NDF: 13.2/13

In: 211.634 $\pm$ 68.911 χ^2 /NDF:3.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 209.859 $\pm$ 46.000 χ^2 /NDF: 13.2/13

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 111.330+/-0.049 χ^2/NDF : 27105.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.617+/-0.044 χ^2/NDF : 52088.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

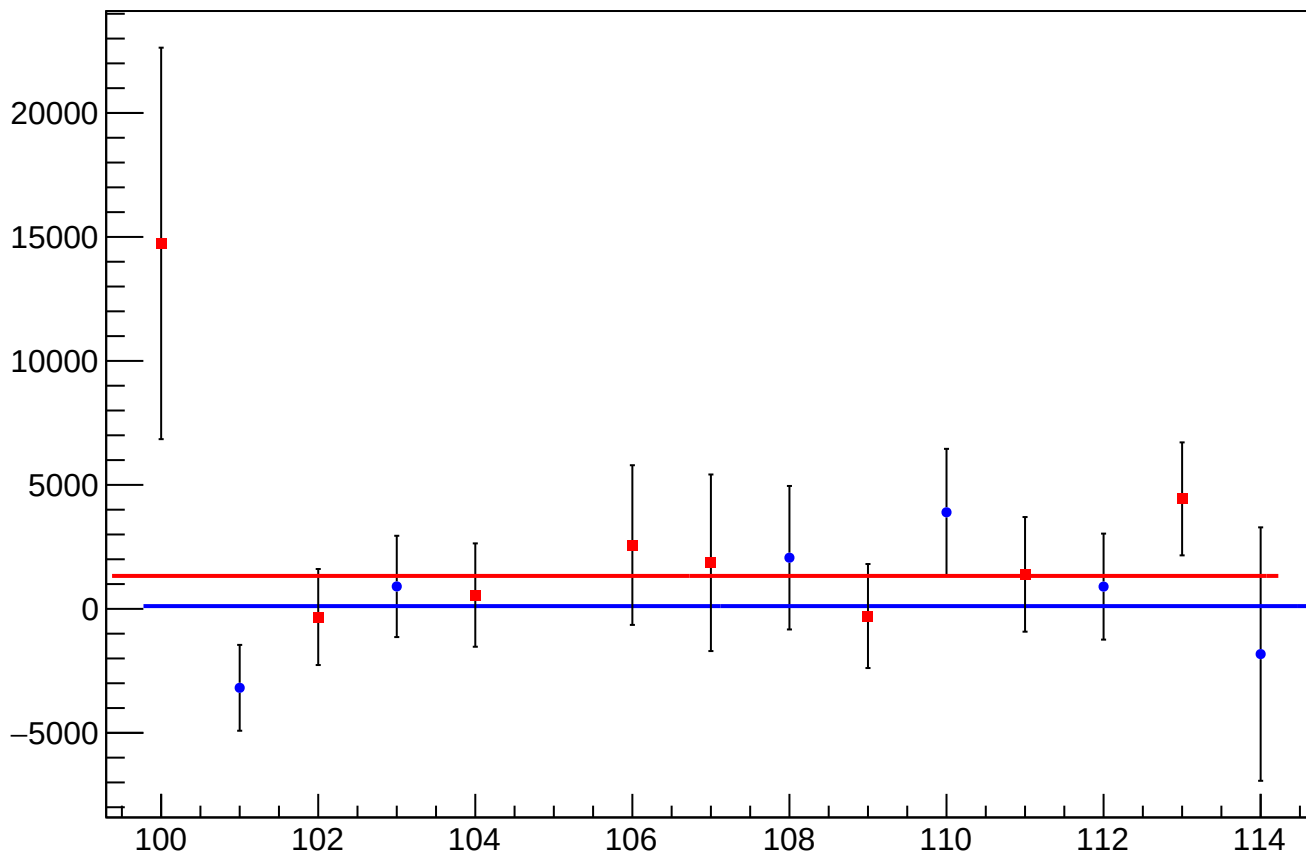
Right: 110.381+/-0.033 χ^2/NDF : 79879.5/13

In: 111.330+/-0.049 χ^2/NDF : 27105.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.381+/-0.033 χ^2/NDF : 79879.5/13

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 111.406+/-952.264 χ^2/NDF : 6.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.892+/-878.681 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

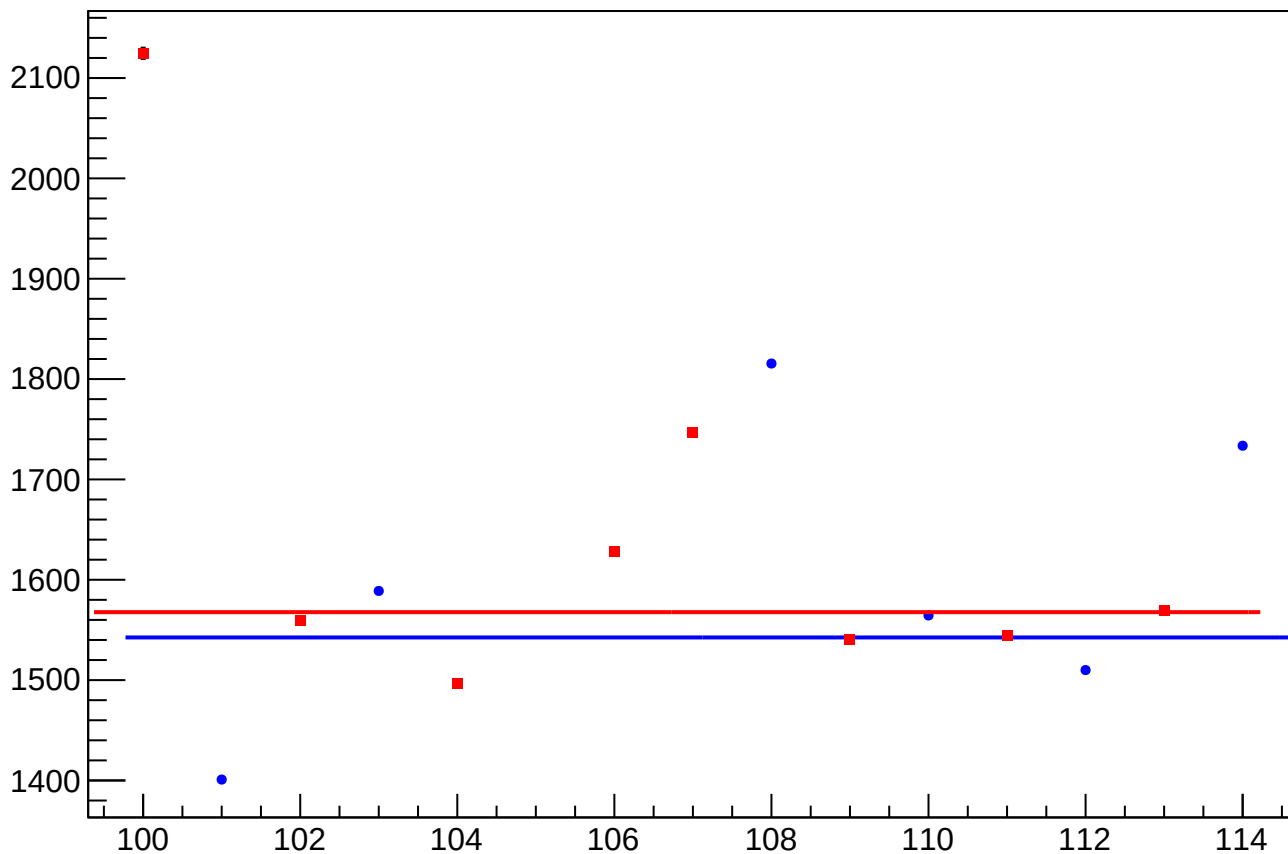
Right: 769.000+/-645.770 χ^2/NDF : 14.0/13

In: 111.406+/-952.264 χ^2/NDF : 6.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.000+/-645.770 χ^2/NDF : 14.0/13

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

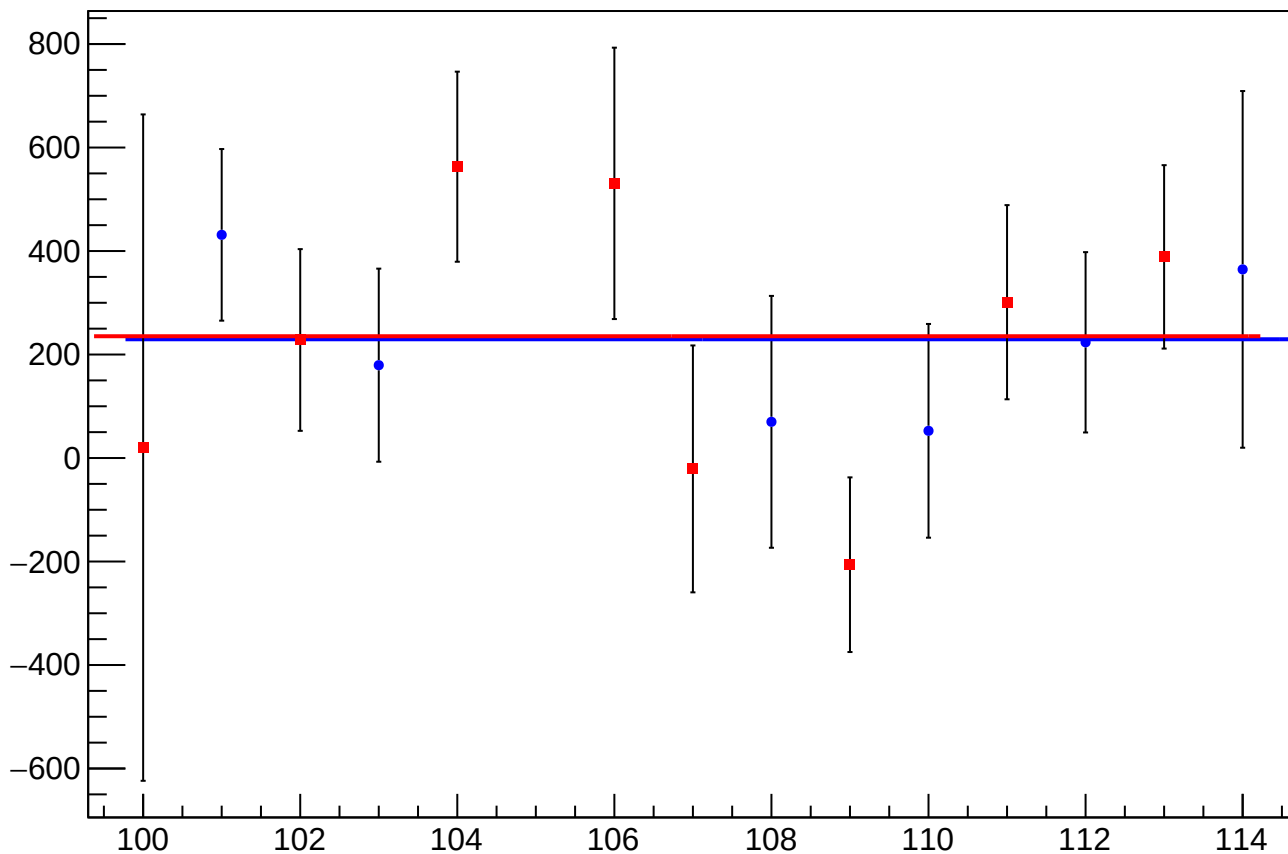
Right: 1556.133+/-0.457 χ^2/NDF : 55026.8/13

In: 1542.518+/-0.673 χ^2/NDF : 35618.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.133+/-0.457 χ^2/NDF : 55026.8/13

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

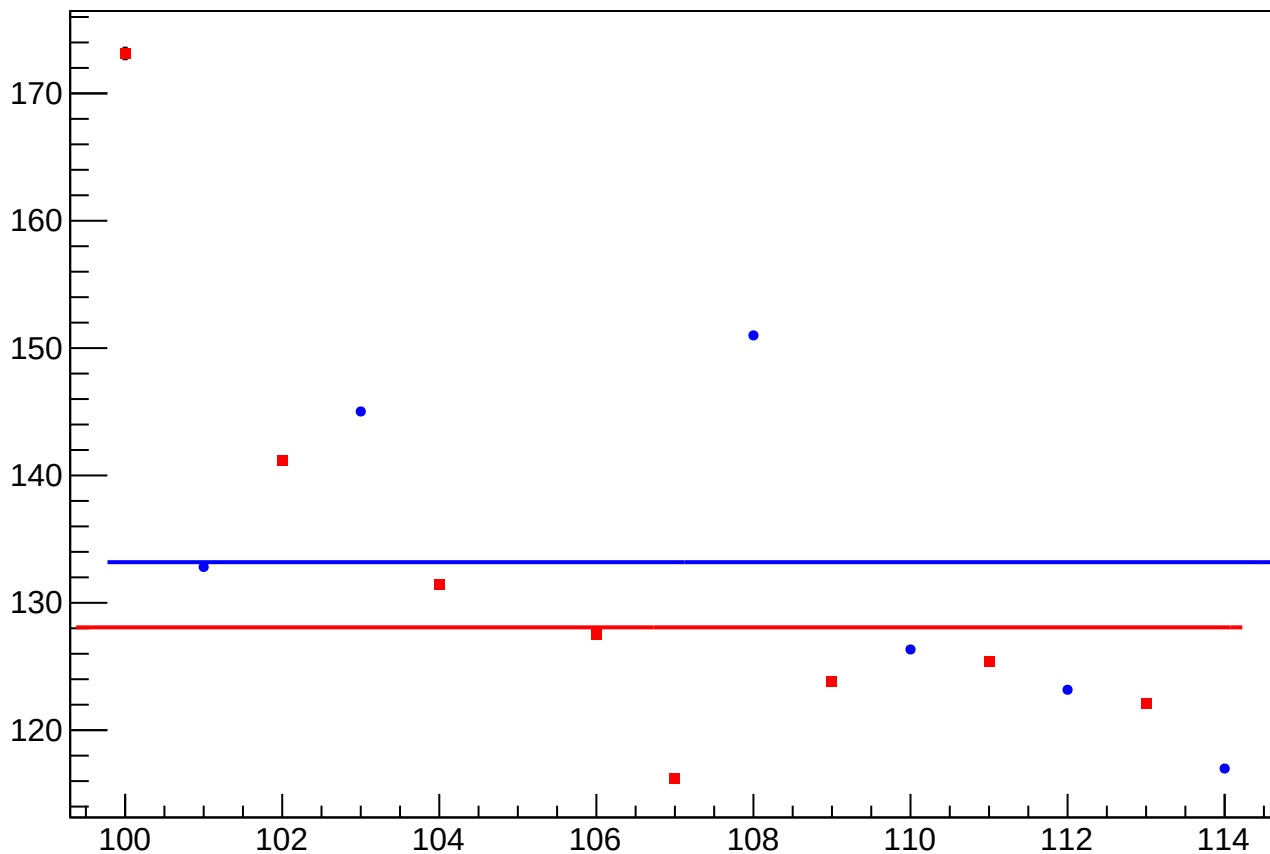
Right: 232.809 $\pm$ 54.334 χ^2 /NDF: 16.3/13

In: 229.490 $\pm$ 82.541 χ^2 /NDF:2.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.809 $\pm$ 54.334 χ^2 /NDF: 16.3/13

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

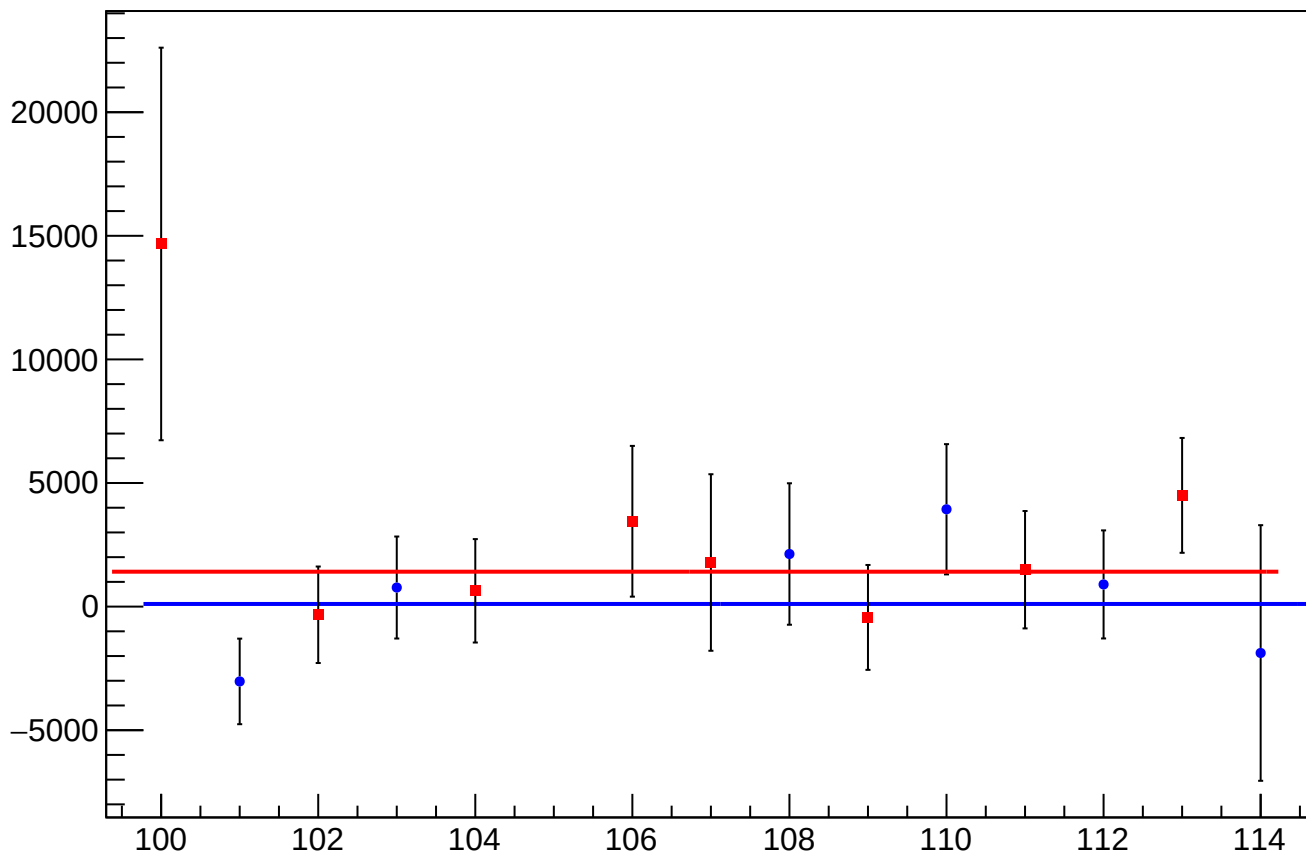
Right: 130.291 $\pm$ 0.038 χ^2 /NDF: 66833.2/13

In: 133.191 $\pm$ 0.058 χ^2 /NDF:31999.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.291 $\pm$ 0.038 χ^2 /NDF: 66833.2/13

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 106.638+/-961.491 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.973+/-884.682 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

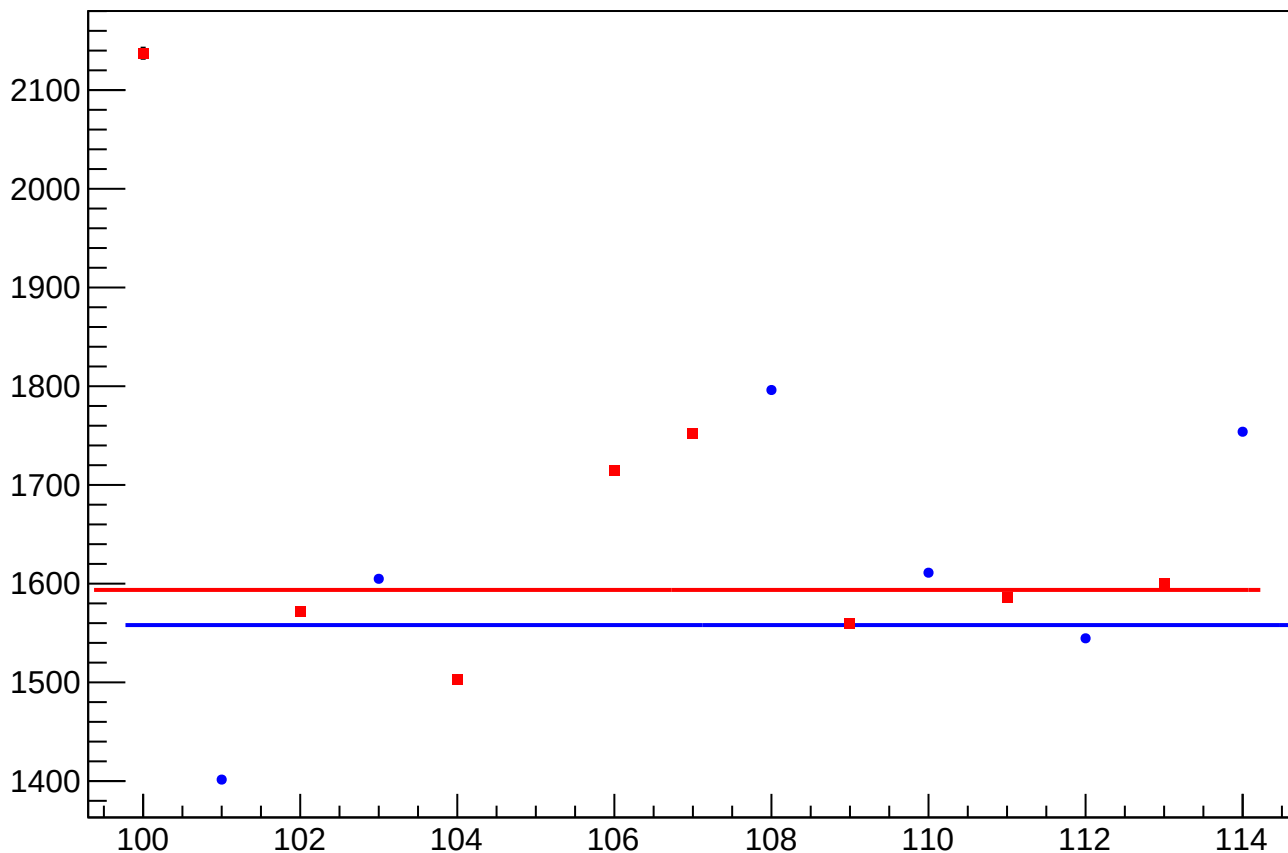
Right: 813.519+/-651.028 χ^2/NDF : 14.0/13

In: 106.638+/-961.491 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.519+/-651.028 χ^2/NDF : 14.0/13

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1558.041 $\pm$ 0.680 χ^2 /NDF: 35001.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1593.648 $\pm$ 0.626 χ^2 /NDF: 21054.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

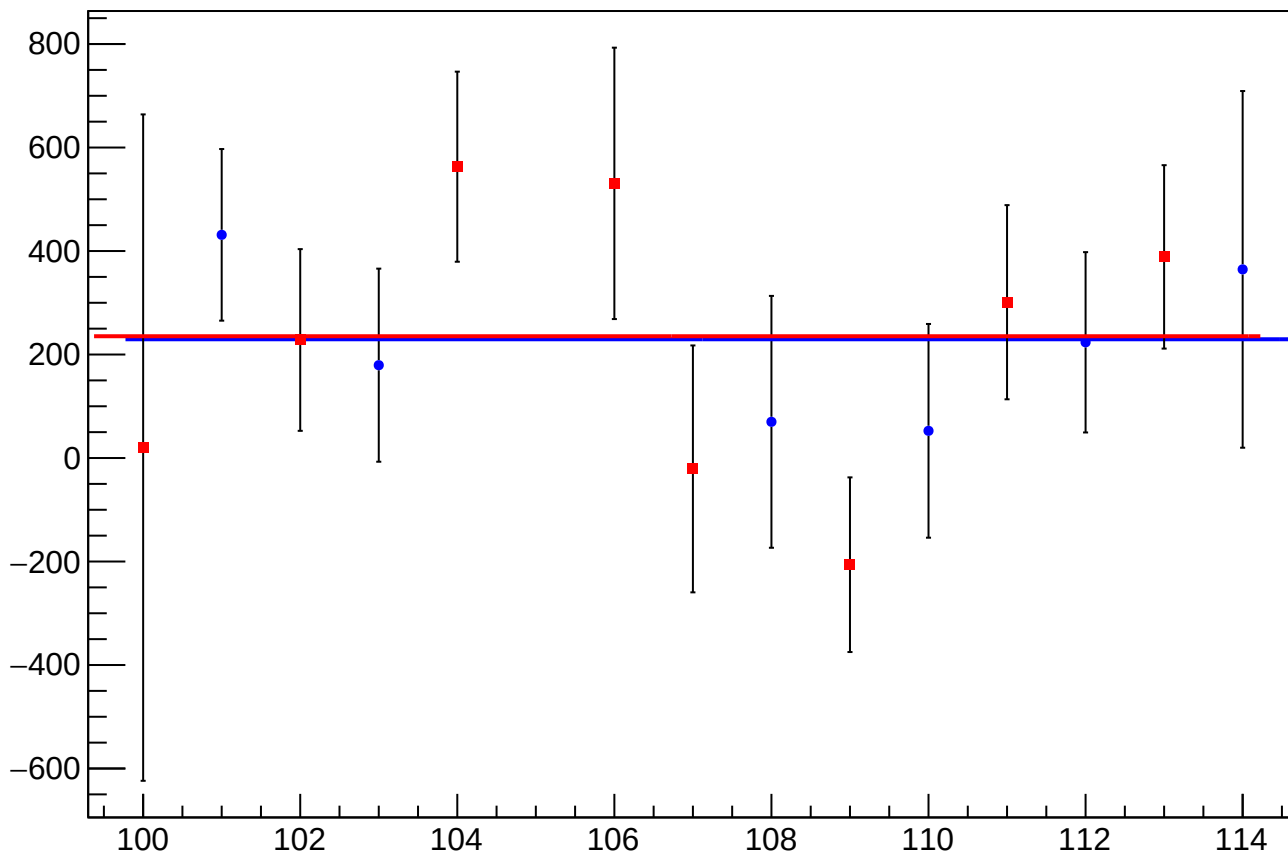
Right: 1577.323 $\pm$ 0.460 χ^2 /NDF: 57541.0/13

In: 1558.041 $\pm$ 0.680 χ^2 /NDF:35001.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1577.323 $\pm$ 0.460 χ^2 /NDF: 57541.0/13

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

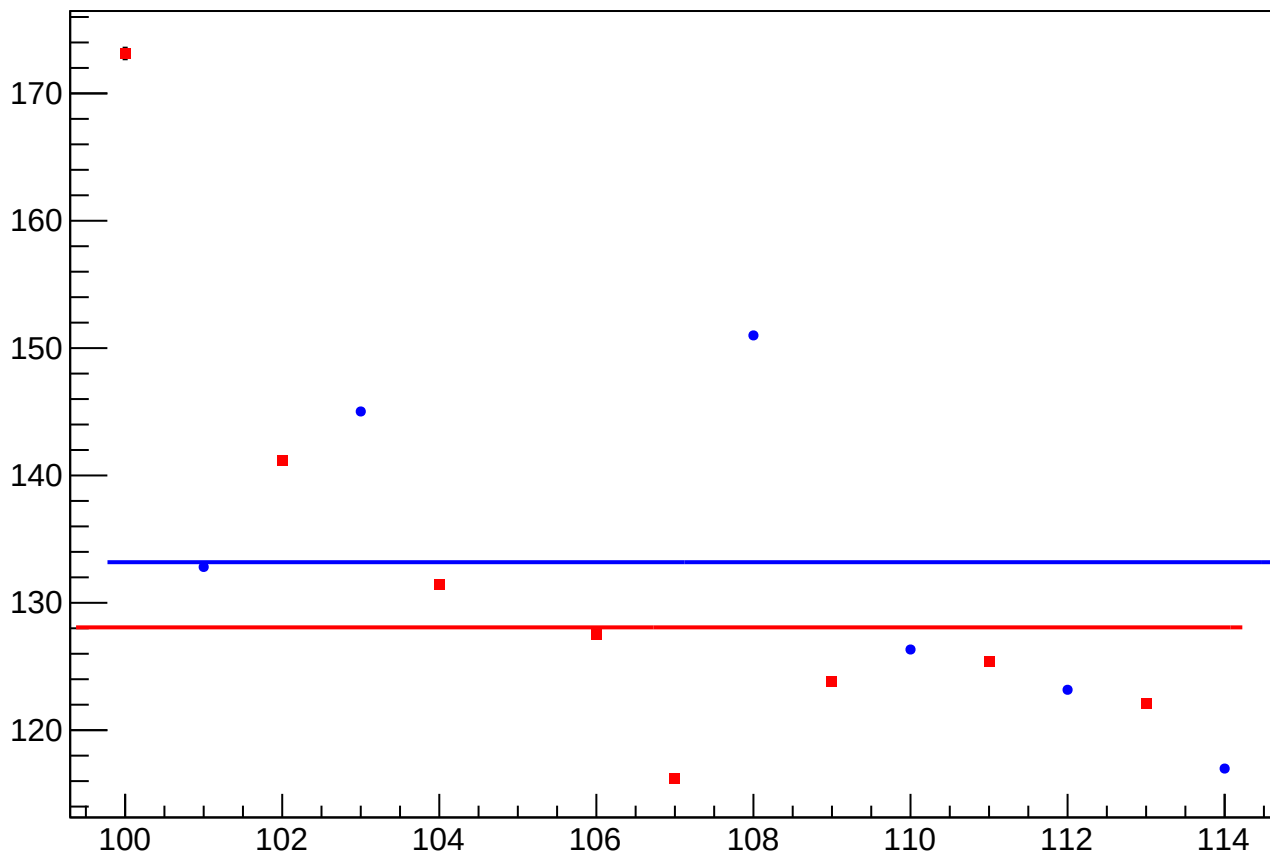
Right: 232.804 $\pm$ 54.333 χ^2 /NDF: 16.3/13

In: 229.484 $\pm$ 82.540 χ^2 /NDF: 2.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.804 $\pm$ 54.333 χ^2 /NDF: 16.3/13

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 133.190+/-0.058 χ^2/NDF : 32004.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.073+/-0.051 χ^2/NDF : 30480.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

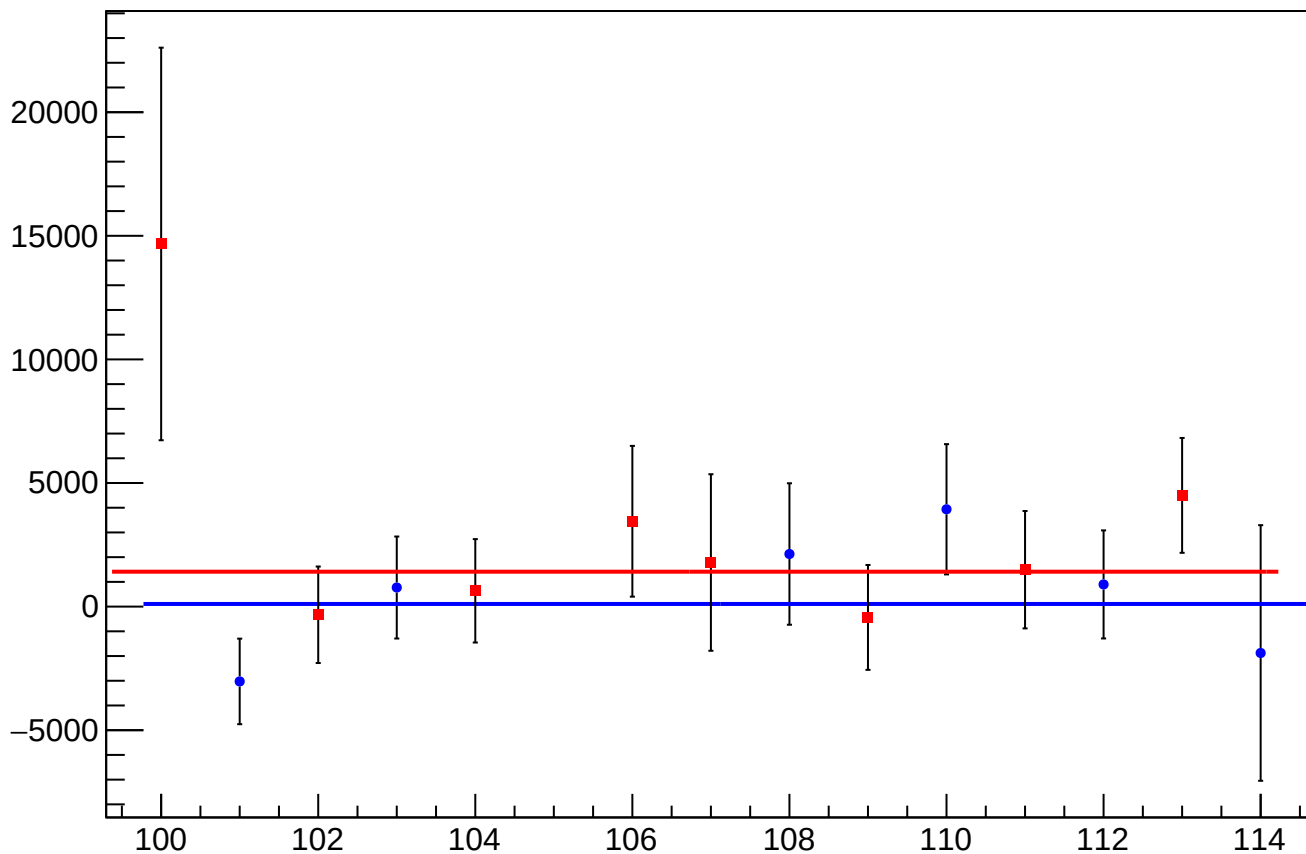
Right: 130.290+/-0.038 χ^2/NDF : 66840.5/13

In: 133.190+/-0.058 χ^2/NDF : 32004.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.290+/-0.038 χ^2/NDF : 66840.5/13

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 106.639+/-961.488 χ^2/NDF : 6.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.970+/-884.680 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

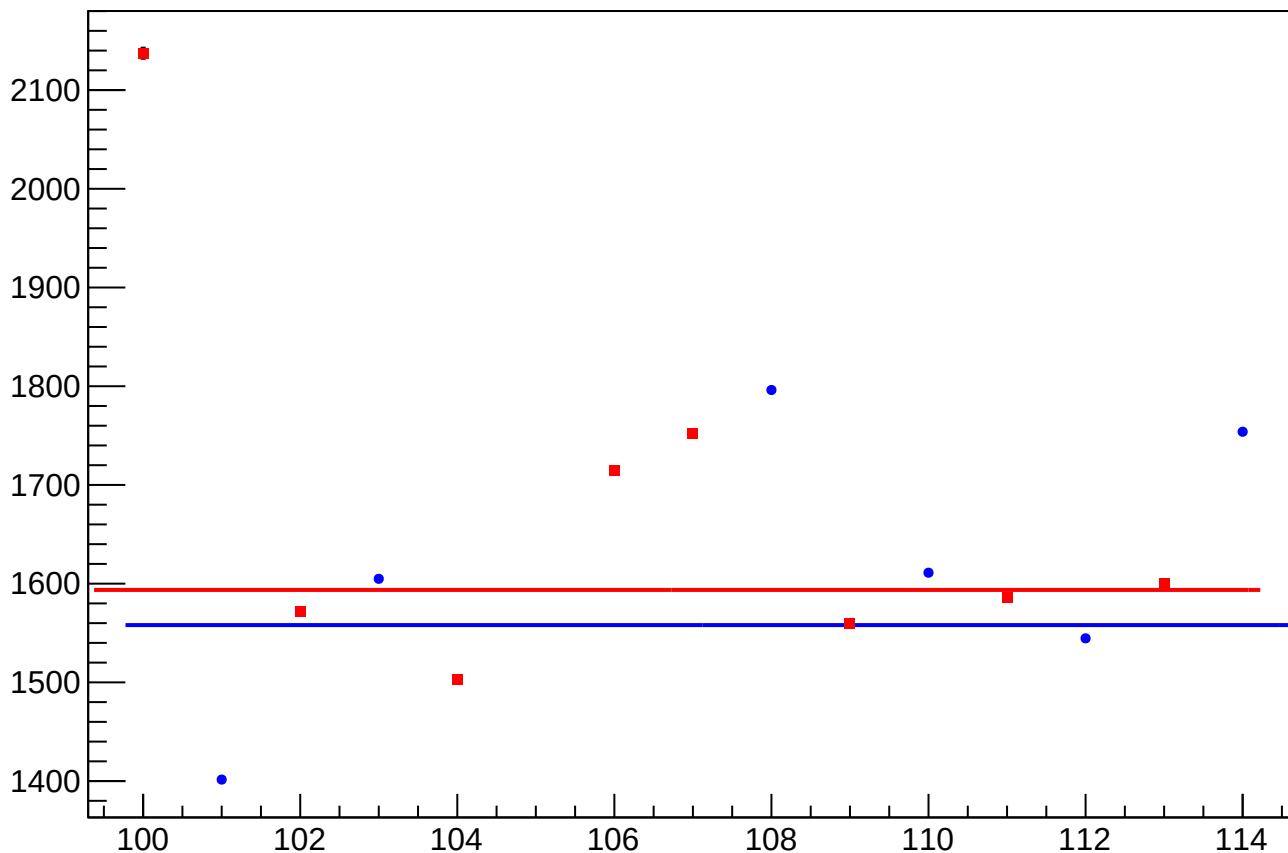
Right: 813.518+/-651.026 χ^2/NDF : 14.0/13

In: 106.639+/-961.488 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.518+/-651.026 χ^2/NDF : 14.0/13

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1558.038+/-0.680 χ^2/NDF : 35000.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.644+/-0.626 χ^2/NDF : 21054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

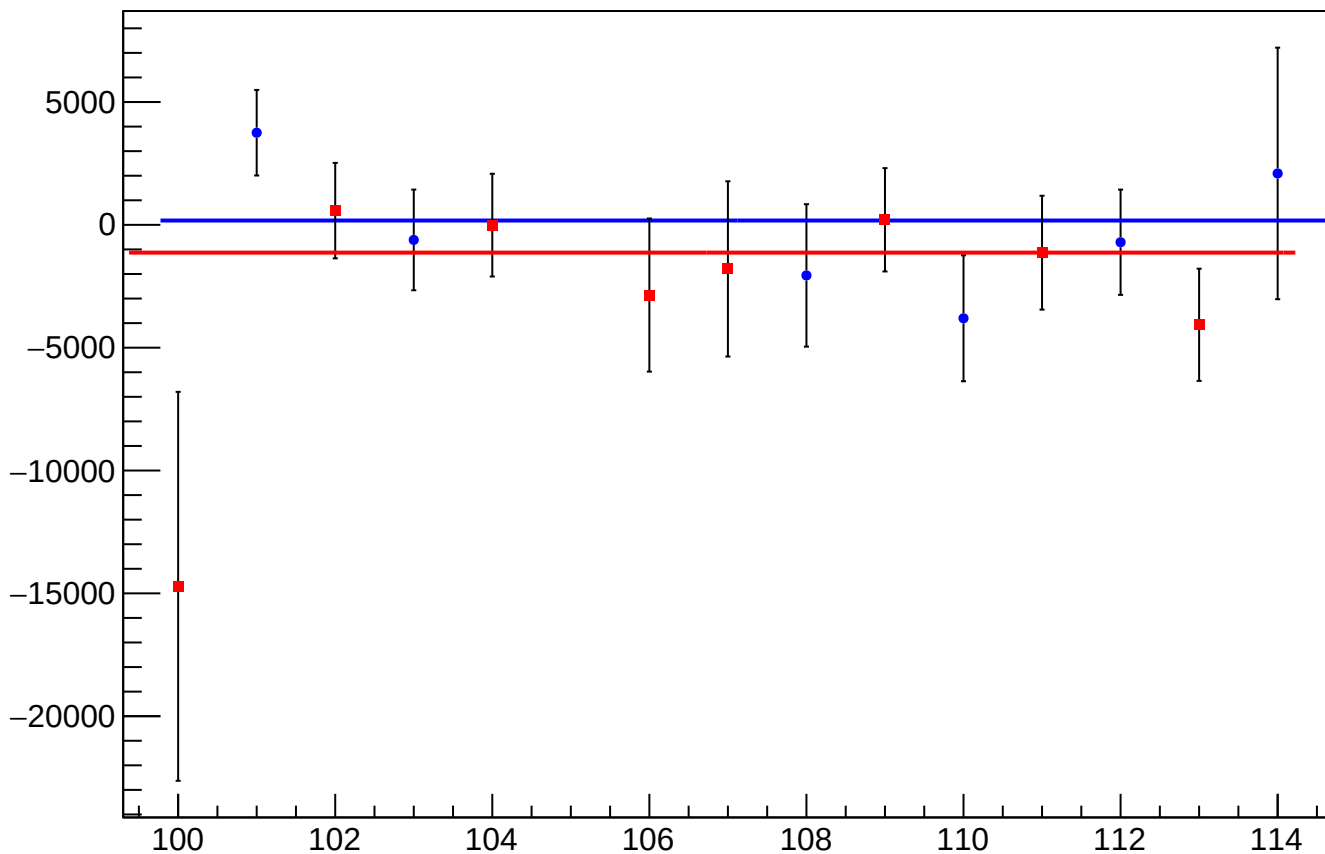
Right: 1577.319+/-0.460 χ^2/NDF : 57540.8/13

In: 1558.038+/-0.680 χ^2/NDF : 35000.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.319+/-0.460 χ^2/NDF : 57540.8/13

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 176.556+/-955.628 χ^2/NDF : 7.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1129.773+/-878.574 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

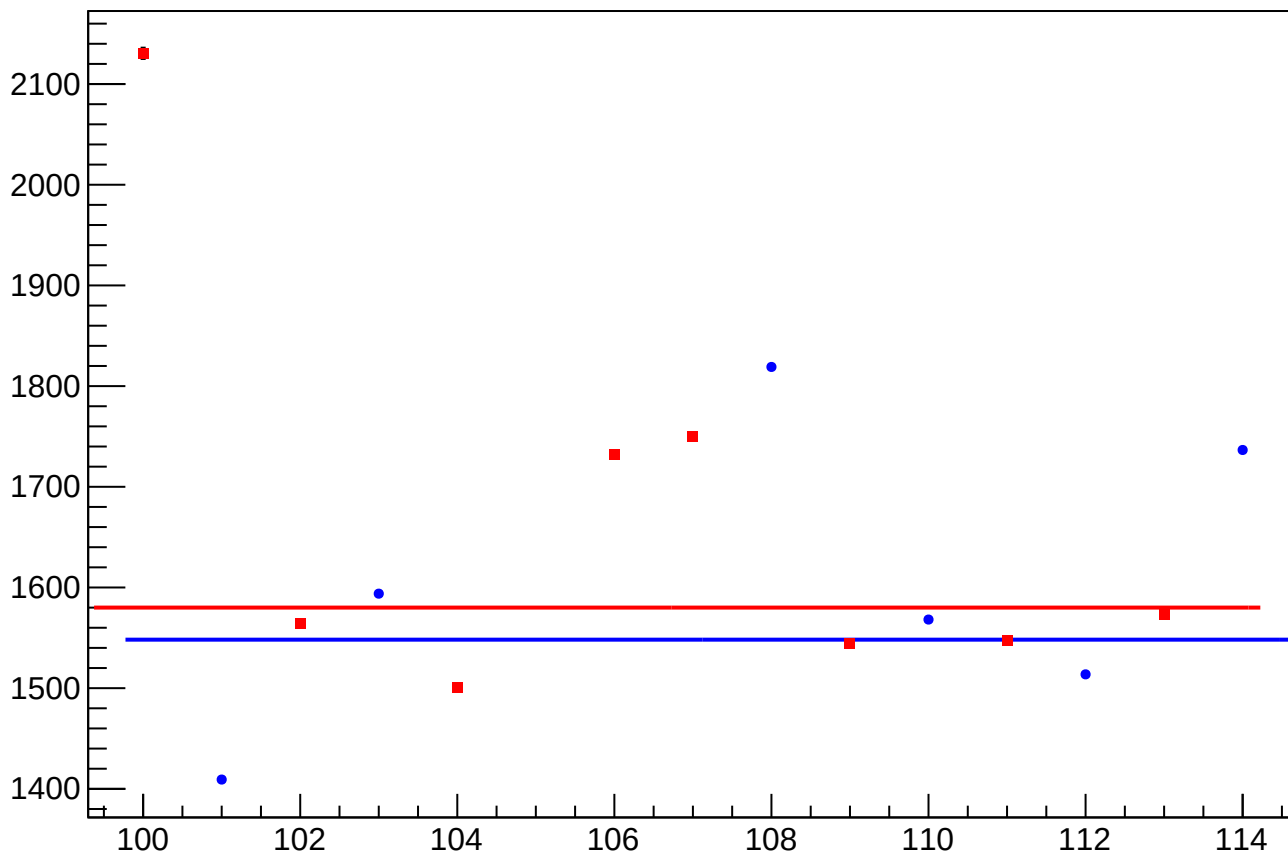
Right: -531.390+/-646.773 χ^2/NDF : 15.1/13

In: 176.556+/-955.628 χ^2/NDF : 7.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -531.390+/-646.773 χ^2/NDF : 15.1/13

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1548.177+/-0.676 χ^2/NDF : 34530.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.035+/-0.621 χ^2/NDF : 22916.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

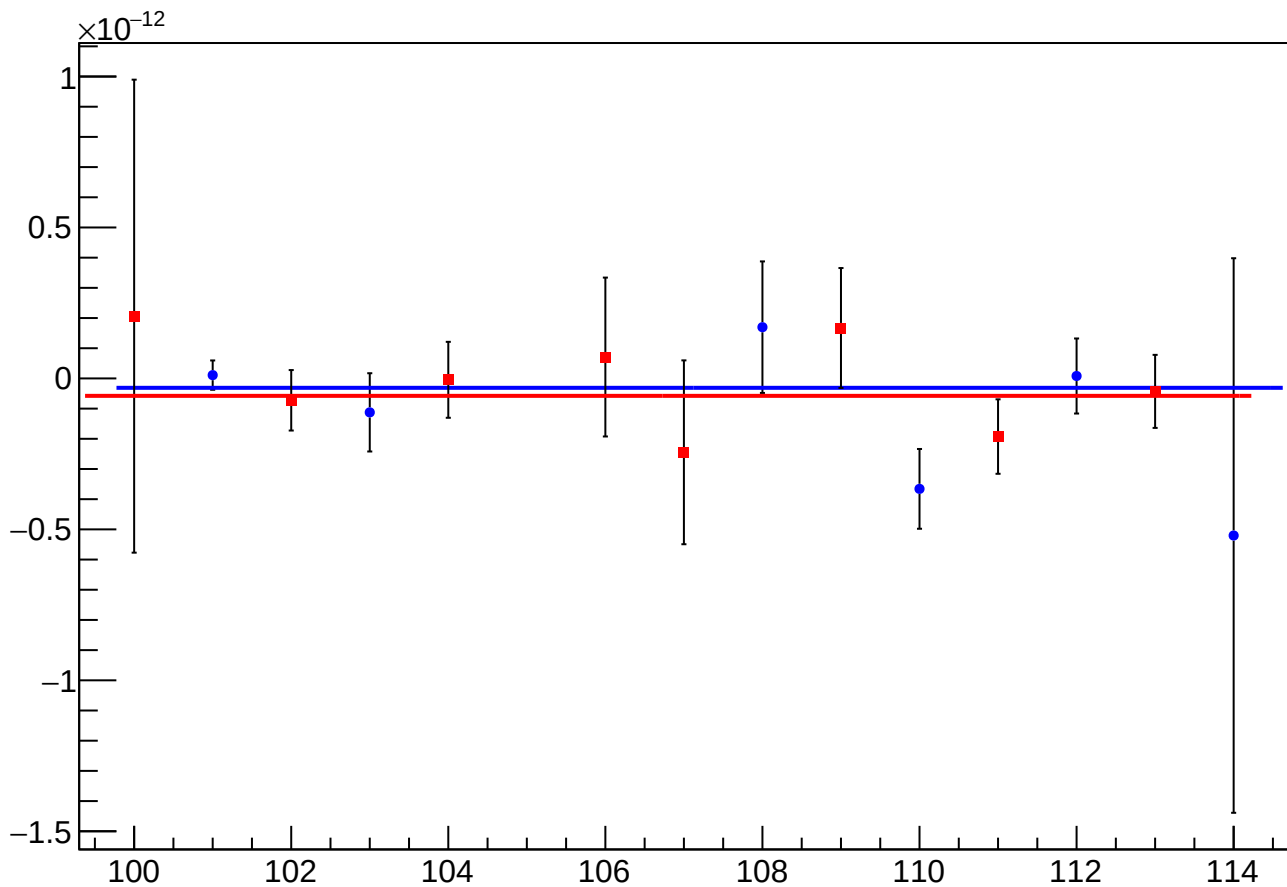
Right: 1565.442+/-0.457 χ^2/NDF : 58651.7/13

In: 1548.177+/-0.676 χ^2/NDF : 34530.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.442+/-0.457 χ^2/NDF : 58651.7/13

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

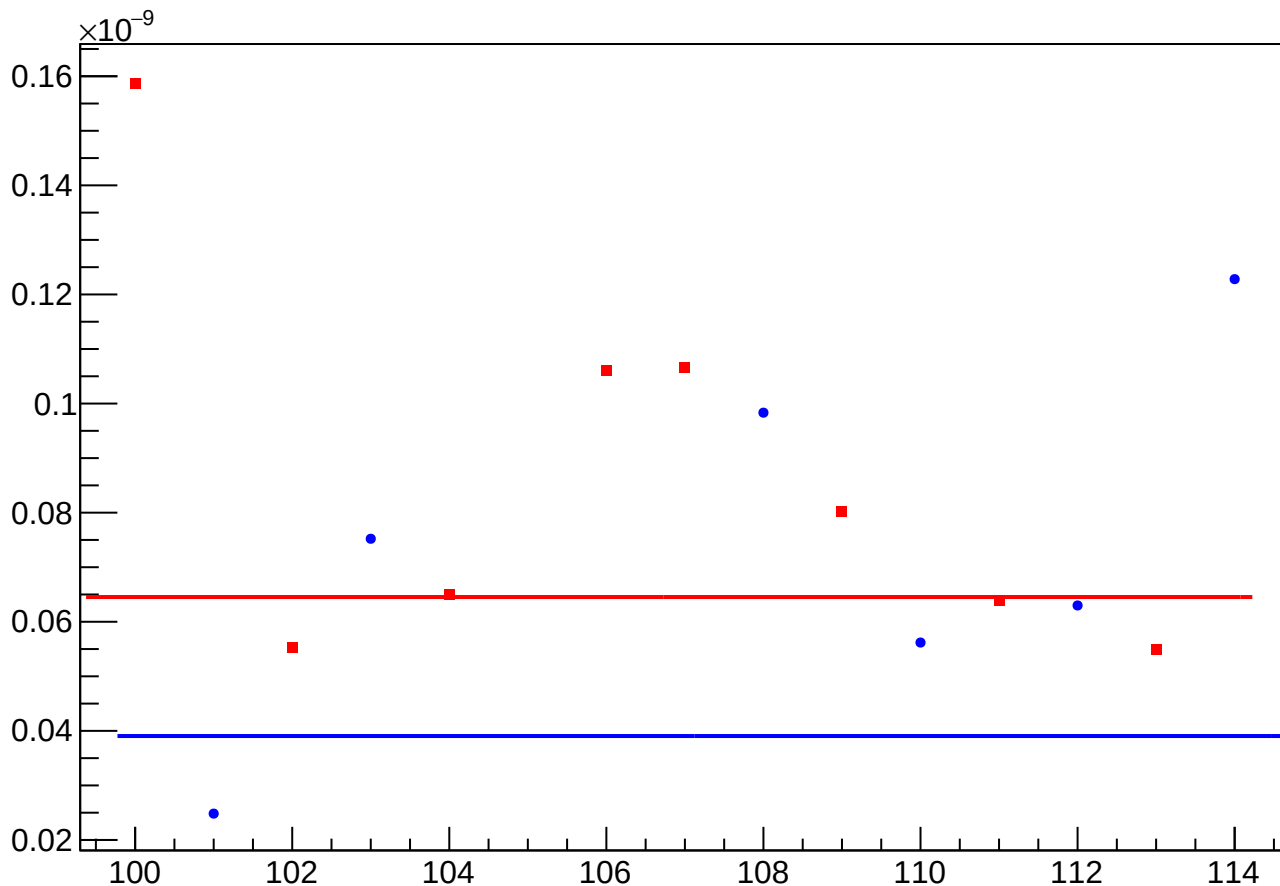
Right: -0.000+/-0.000 χ^2/NDF : 12.4/13

In: -0.000+/-0.000 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.4/13

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

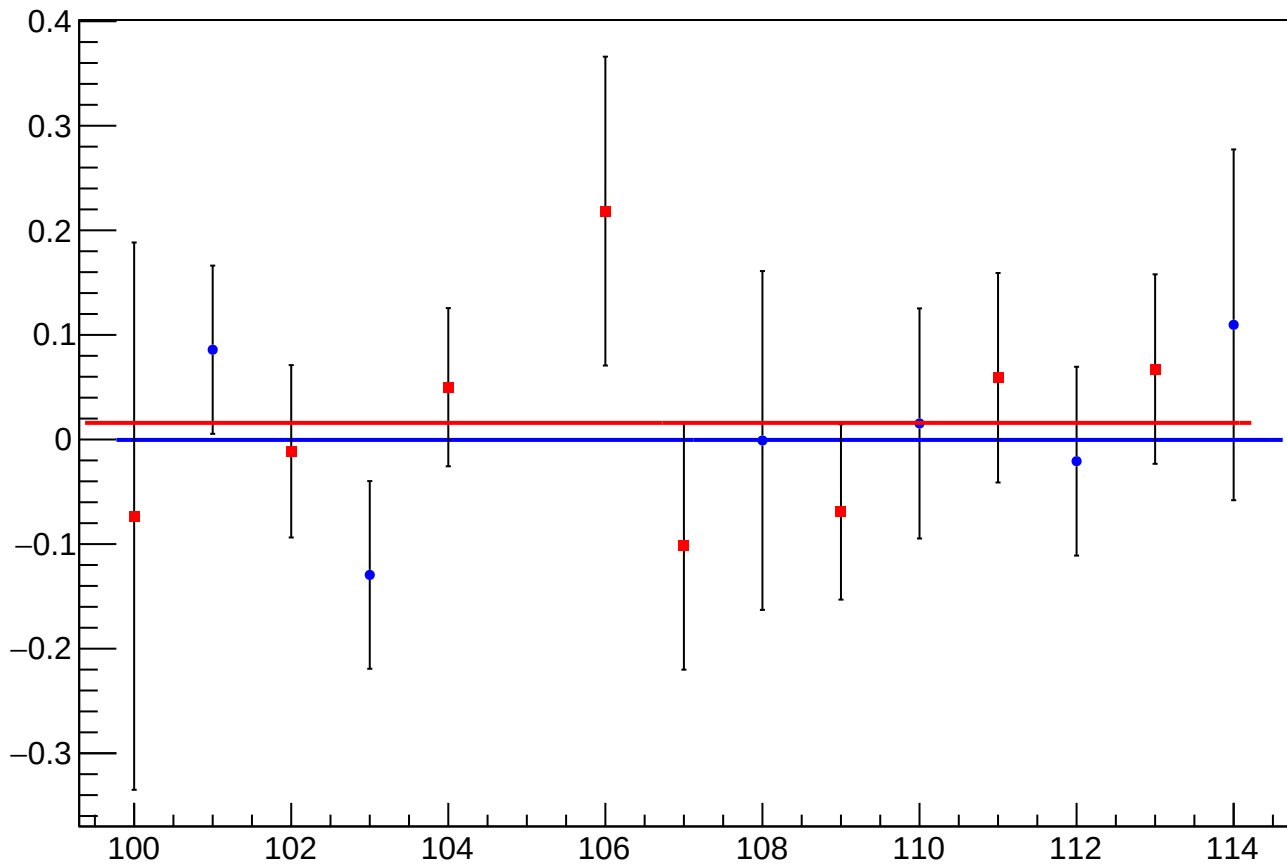
Right: 0.000+/-0.000 χ^2/NDF : 1050150.8/13

In: 0.000+/-0.000 χ^2/NDF : 599677.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1050150.8/13

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

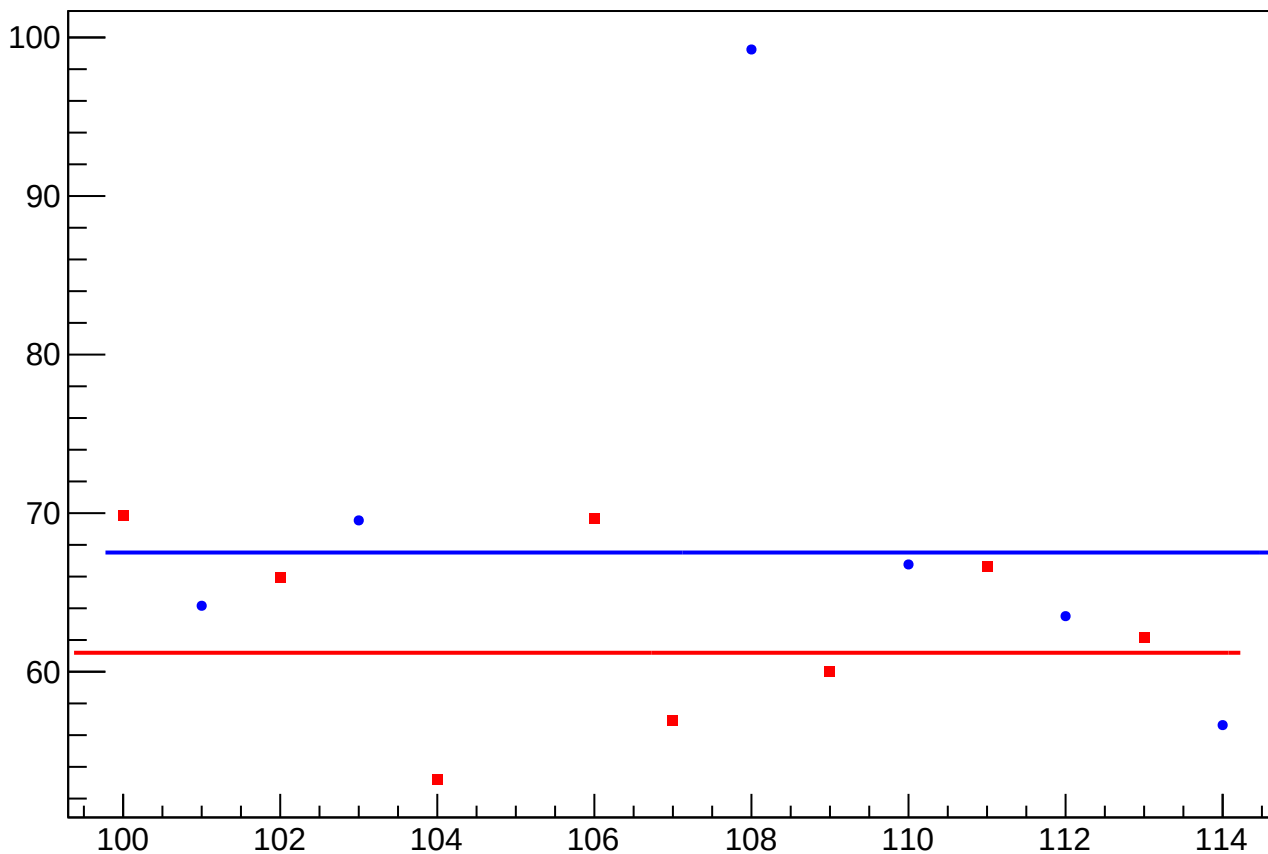
Right: 0.009+/-0.027 χ^2 /NDF: 8.6/13

In: -0.000+/-0.042 χ^2 /NDF:3.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.009+/-0.027 χ^2 /NDF: 8.6/13

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

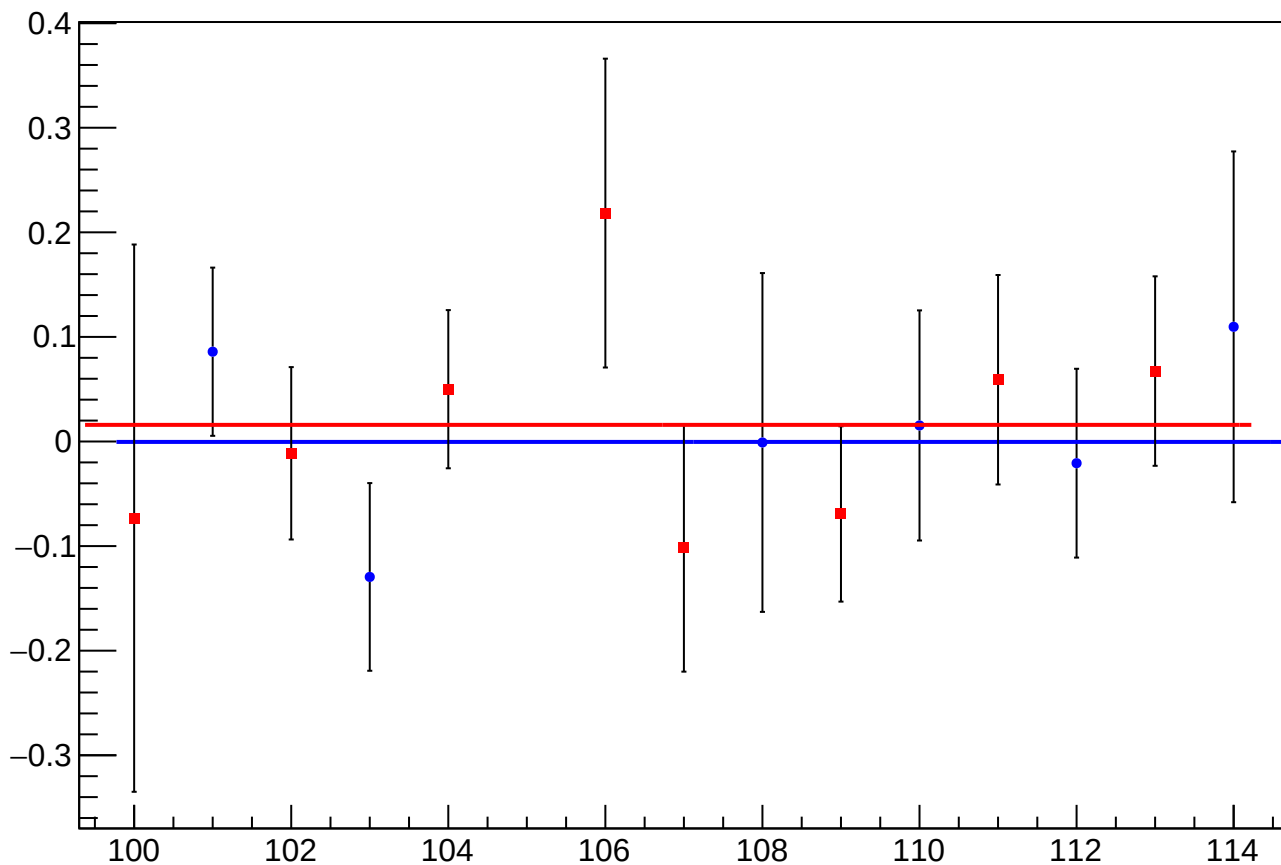
Right: 63.759 $\pm$ 0.019 χ^2 /NDF: 167152.0/13

In: 67.517 $\pm$ 0.030 χ^2 /NDF: 93700.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.759 $\pm$ 0.019 χ^2 /NDF: 167152.0/13

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

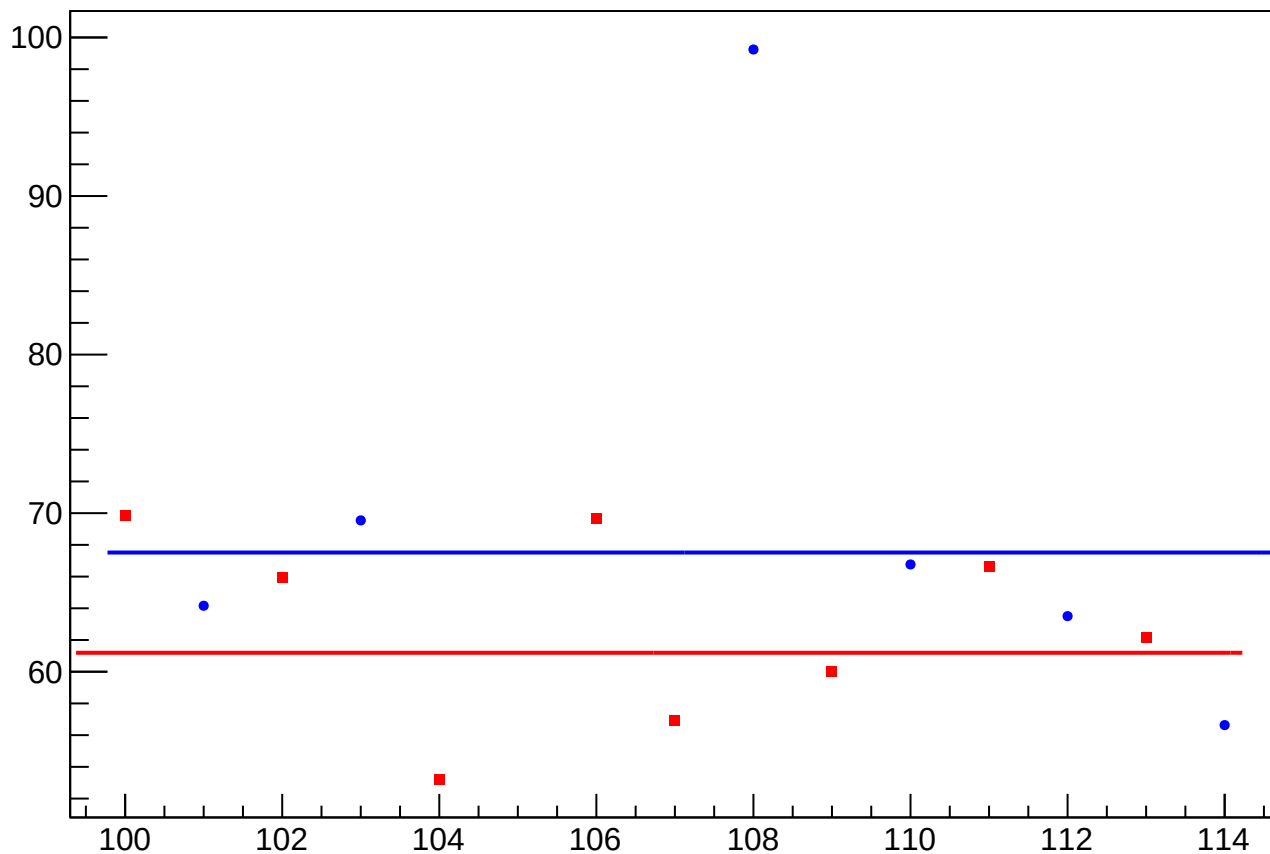
Right: 0.009+/-0.027 χ^2/NDF : 8.6/13

In: -0.000+/-0.042 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.027 χ^2/NDF : 8.6/13

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.517+/-0.030 χ^2/NDF : 93700.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.195+/-0.025 χ^2/NDF : 46940.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

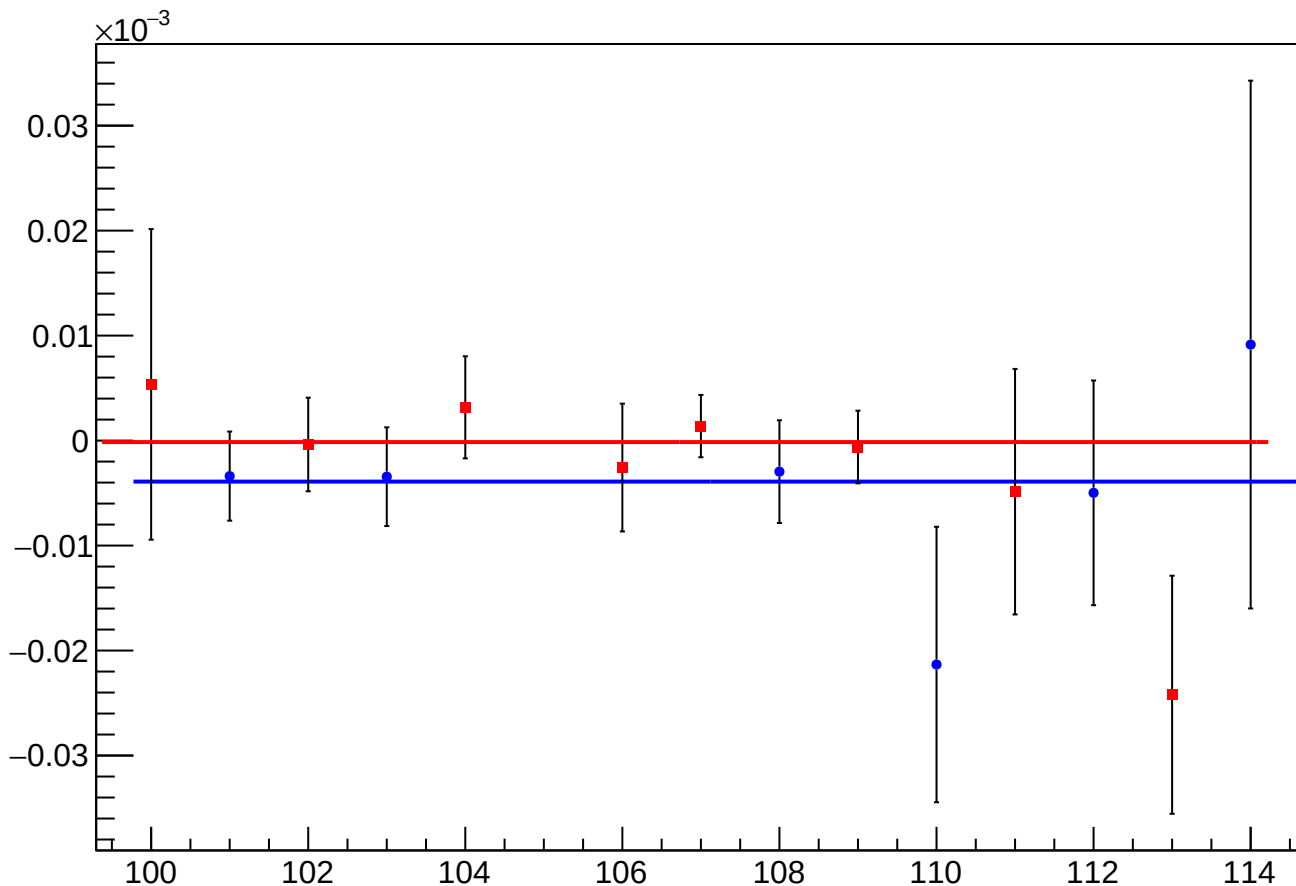
Right: 63.759+/-0.019 χ^2/NDF : 167152.0/13

In: 67.517+/-0.030 χ^2/NDF : 93700.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.759+/-0.019 χ^2/NDF : 167152.0/13

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

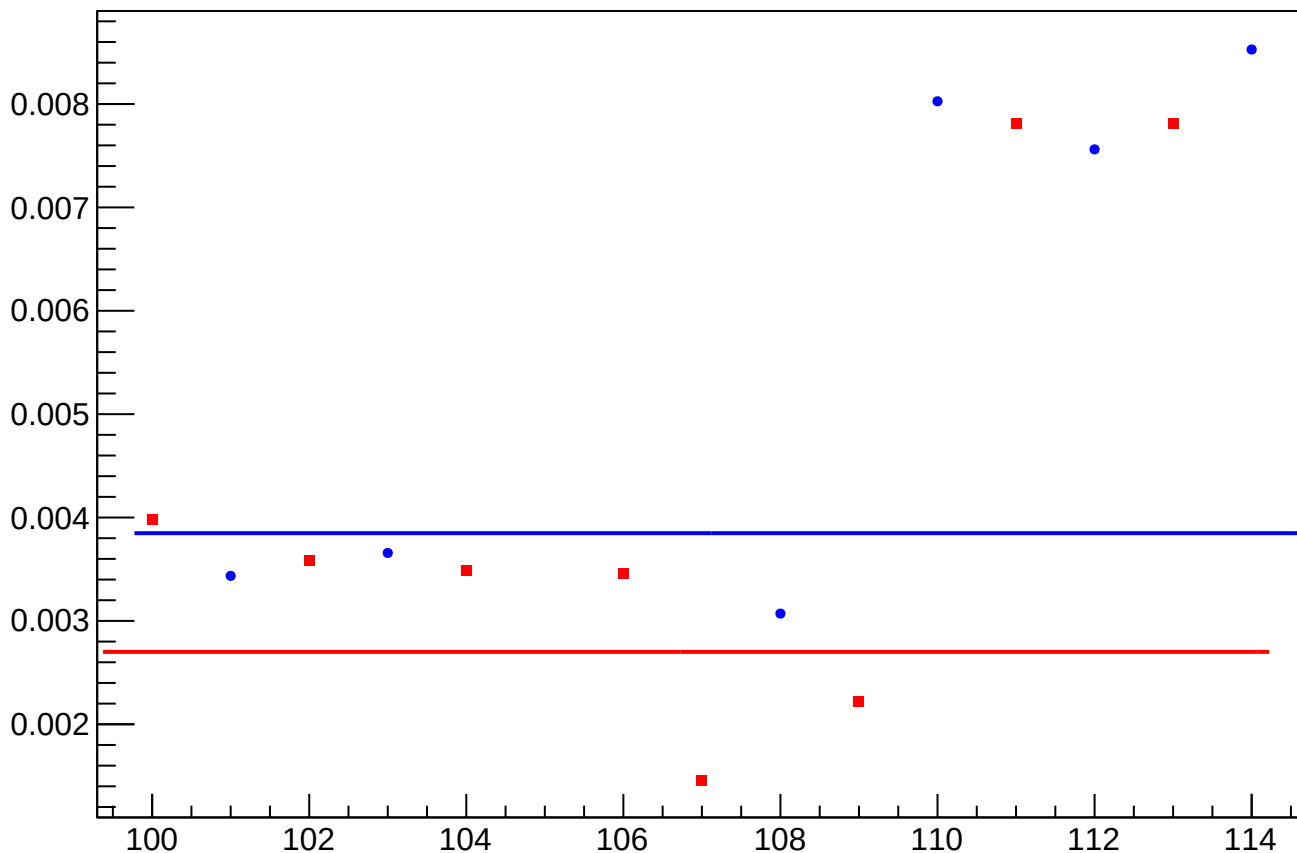
Right: -0.000+/-0.000 χ^2/NDF : 9.3/13

In: -0.000+/-0.000 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/13

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

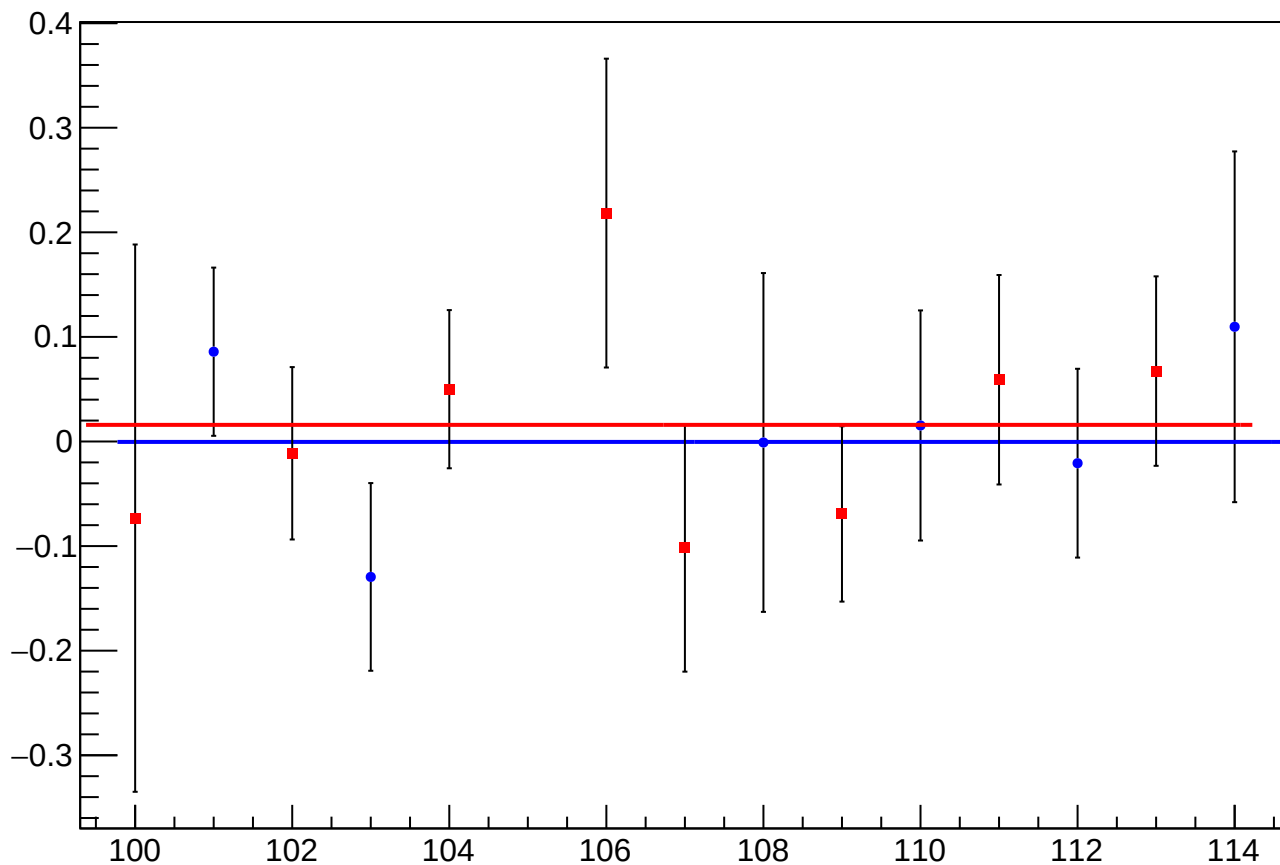
Right: 0.003+/-0.000 χ^2/NDF : 2226594.9/13

In: 0.004+/-0.000 χ^2/NDF : 585572.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2226594.9/13

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

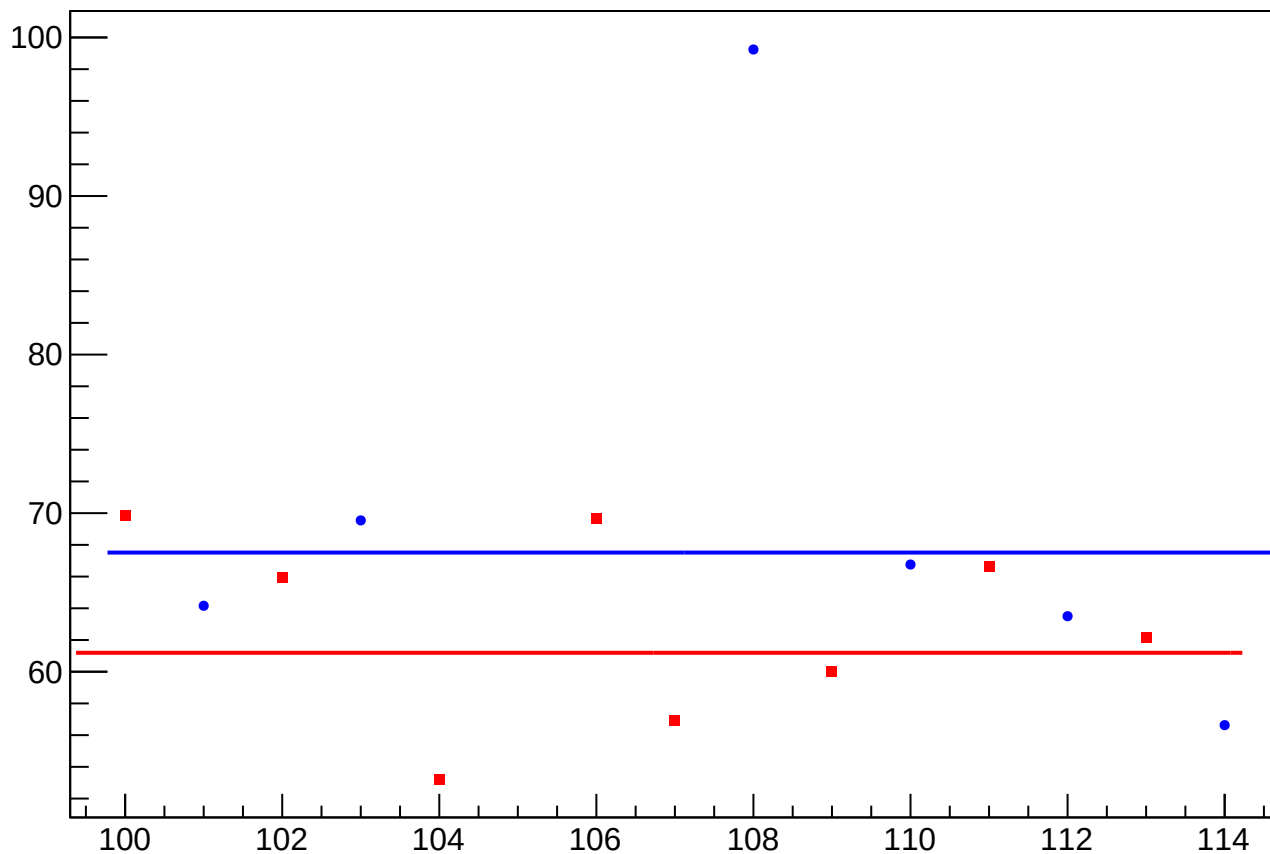
Right: 0.009+/-0.027 χ^2 /NDF: 8.6/13

In: -0.000+/-0.042 χ^2 /NDF:3.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.009+/-0.027 χ^2 /NDF: 8.6/13

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

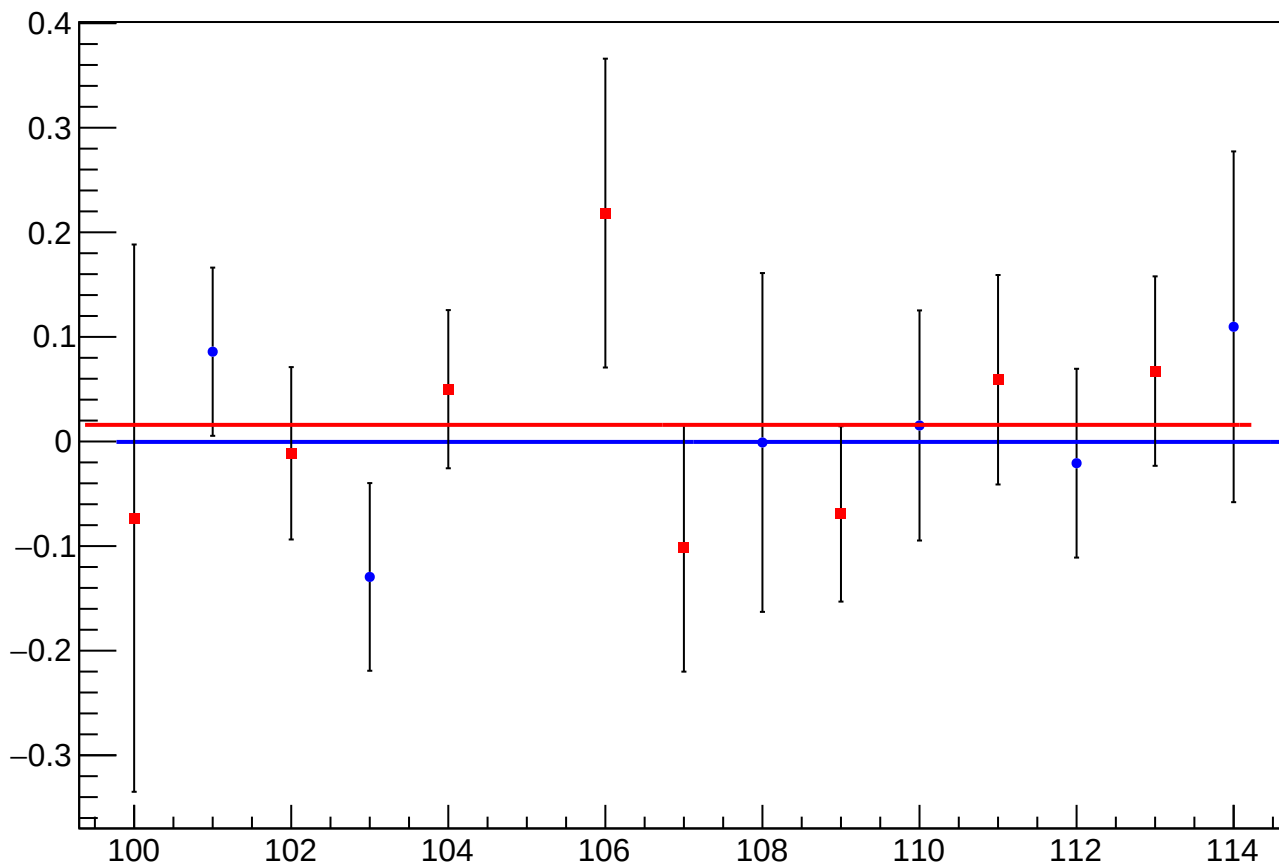
Right: 63.757+/-0.019 χ^2/NDF : 167152.1/13

In: 67.515+/-0.030 χ^2/NDF : 93712.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.757+/-0.019 χ^2/NDF : 167152.1/13

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

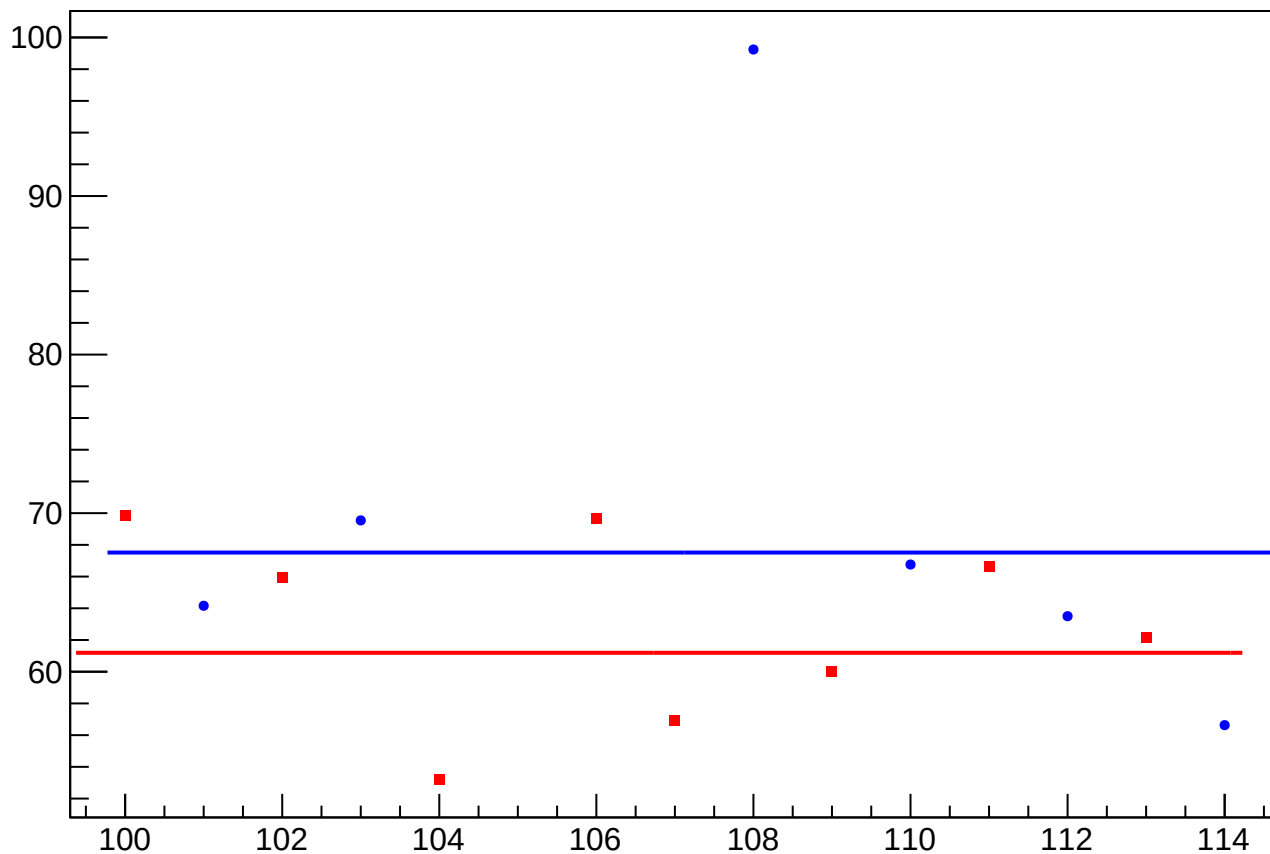
Right: 0.009+/-0.027 χ^2/NDF : 8.6/13

In: -0.000+/-0.042 χ^2/NDF : 3.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.027 χ^2/NDF : 8.6/13

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

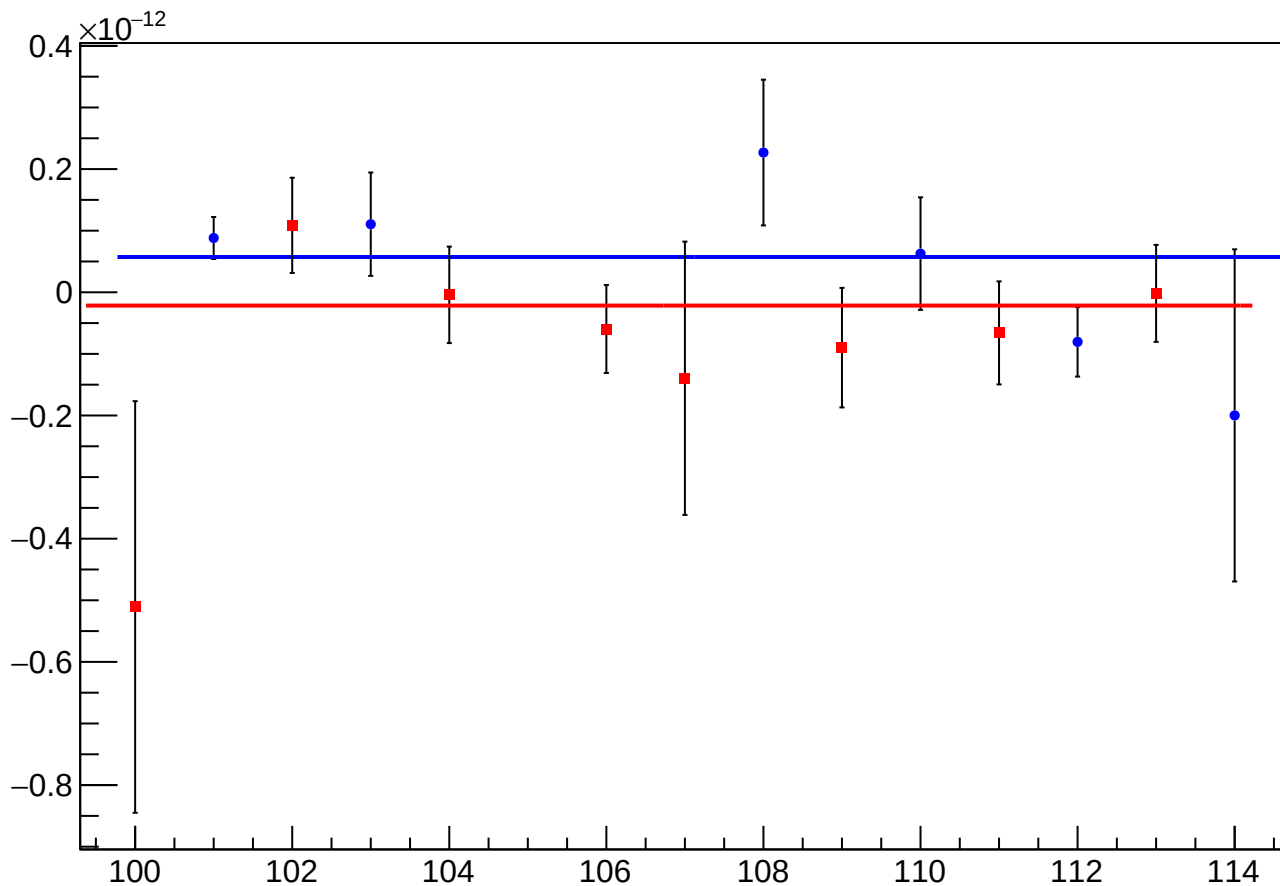
Right: 63.757+/-0.019 χ^2/NDF : 167152.1/13

In: 67.515+/-0.030 χ^2/NDF : 93712.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.757+/-0.019 χ^2/NDF : 167152.1/13

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

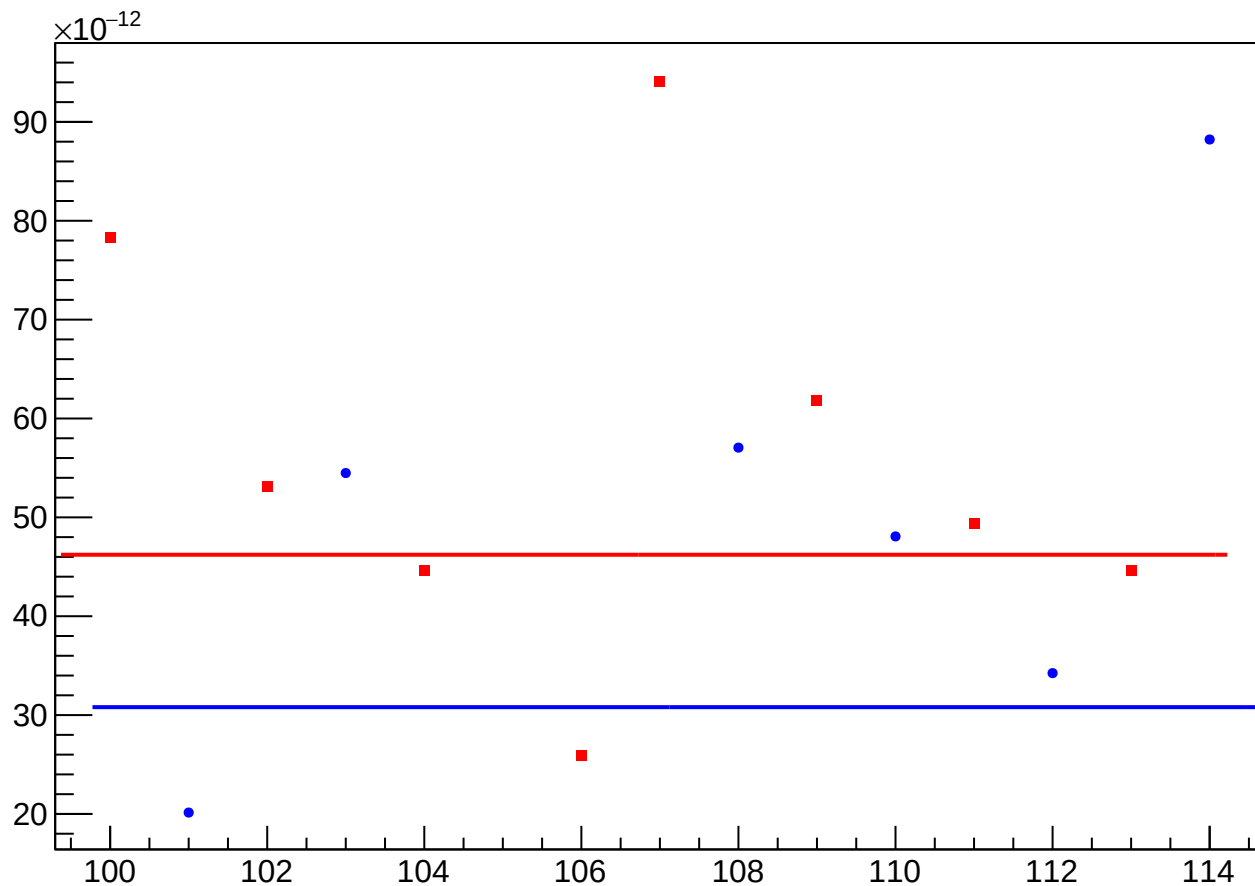
Right: 0.000+/-0.000 χ^2/NDF : 20.3/13

In: 0.000+/-0.000 χ^2/NDF : 10.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/13

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

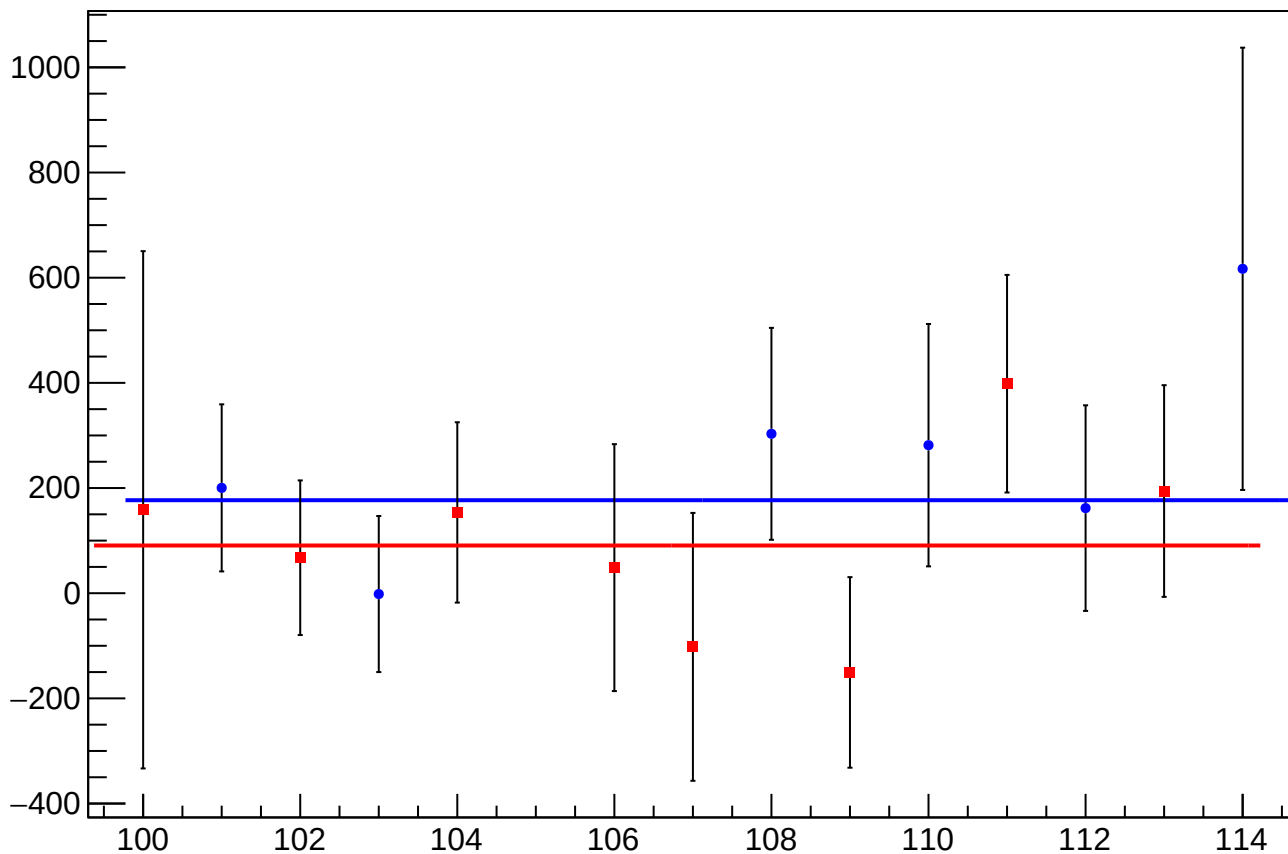
Right: 0.000+/-0.000 χ^2/NDF : 1250175.4/13

In: 0.000+/-0.000 χ^2/NDF : 623125.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1250175.4/13

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 176.849+/-78.980 χ^2/NDF : 3.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.728+/-71.345 χ^2/NDF : 5.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

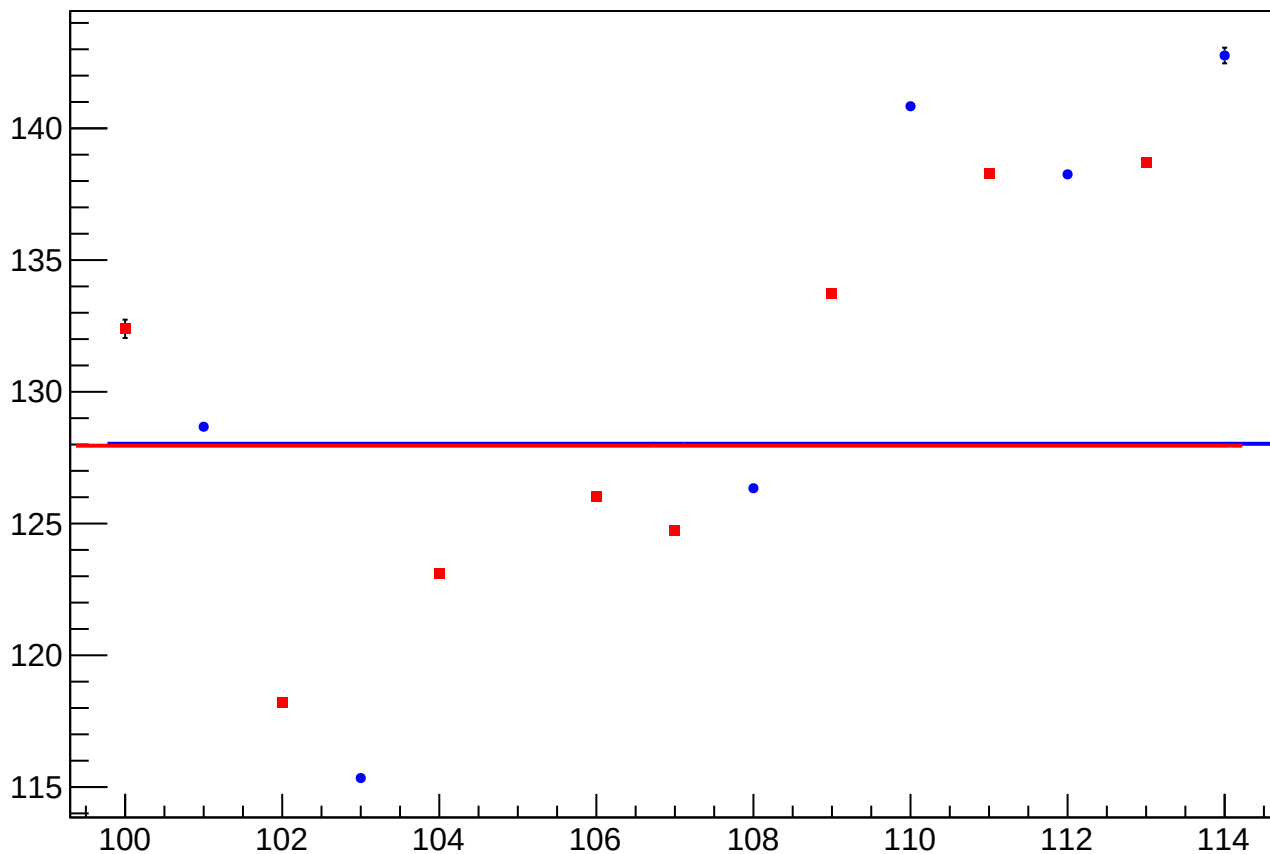
Right: 129.425+/-52.942 χ^2/NDF : 8.9/13

In: 176.849+/-78.980 χ^2/NDF : 3.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.425+/-52.942 χ^2/NDF : 8.9/13

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 128.028+/-0.056 χ^2/NDF : 28897.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.956+/-0.050 χ^2/NDF : 23667.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

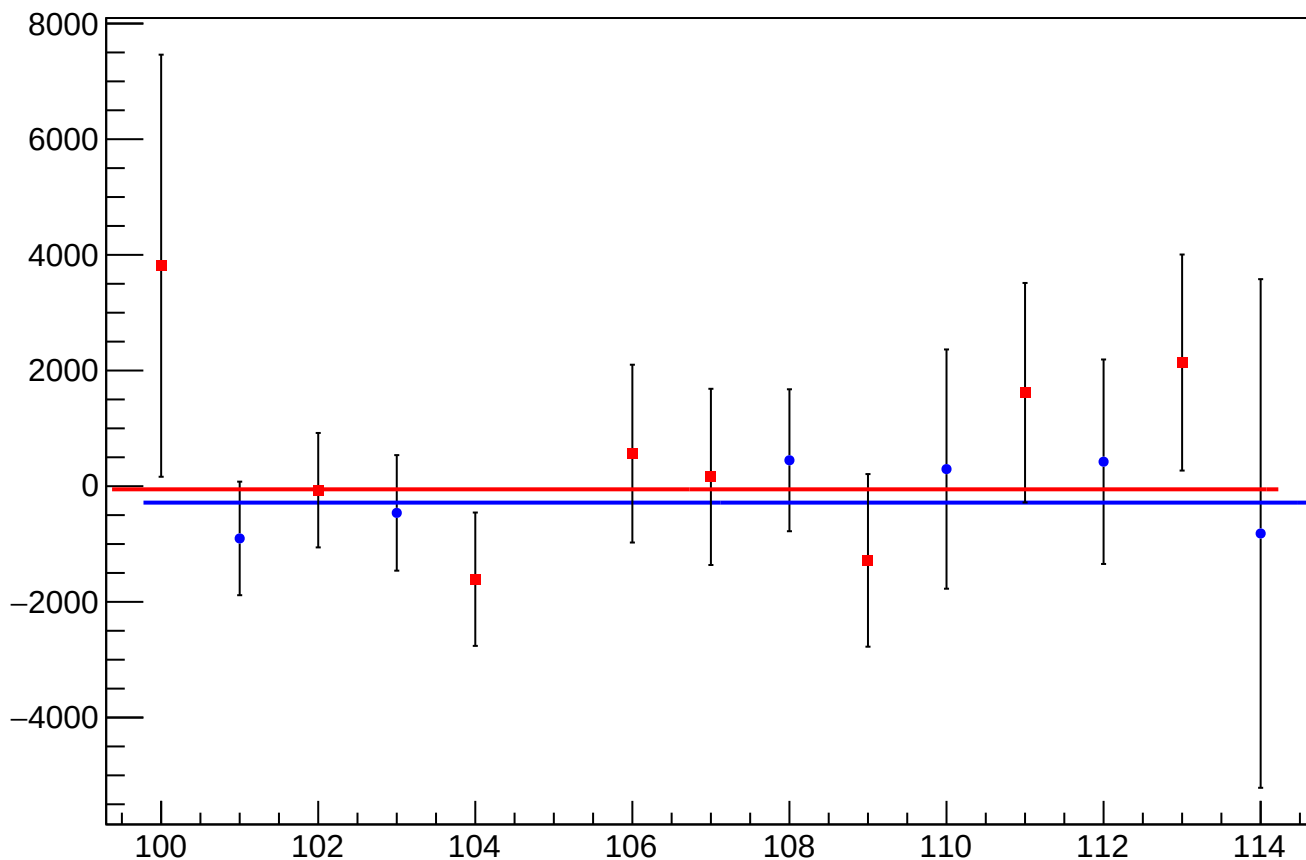
Right: 127.988+/-0.037 χ^2/NDF : 52565.5/13

In: 128.028+/-0.056 χ^2/NDF : 28897.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.988+/-0.037 χ^2/NDF : 52565.5/13

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

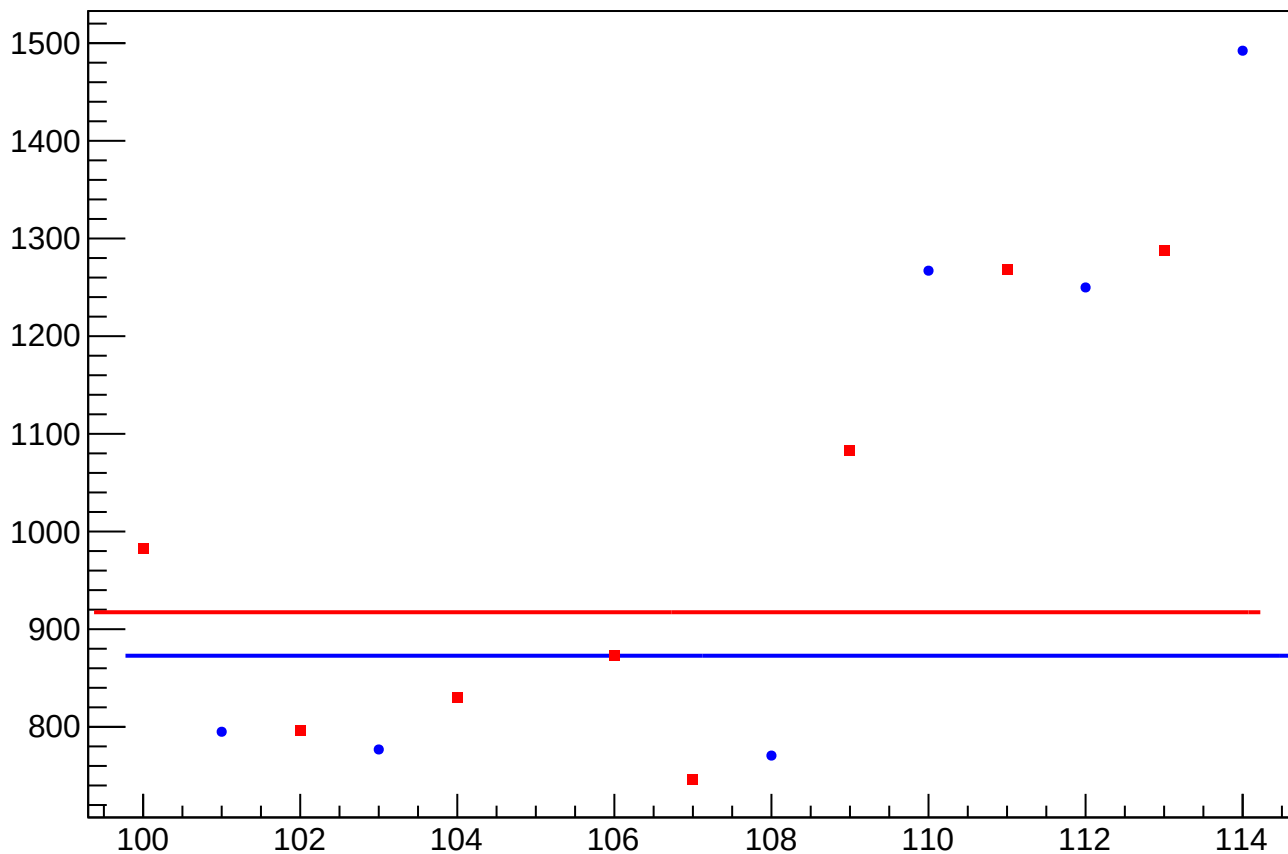
Right: -162.326+/-377.291 χ^2/NDF : 7.1/13

In: -283.921+/-549.735 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.326+/-377.291 χ^2/NDF : 7.1/13

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

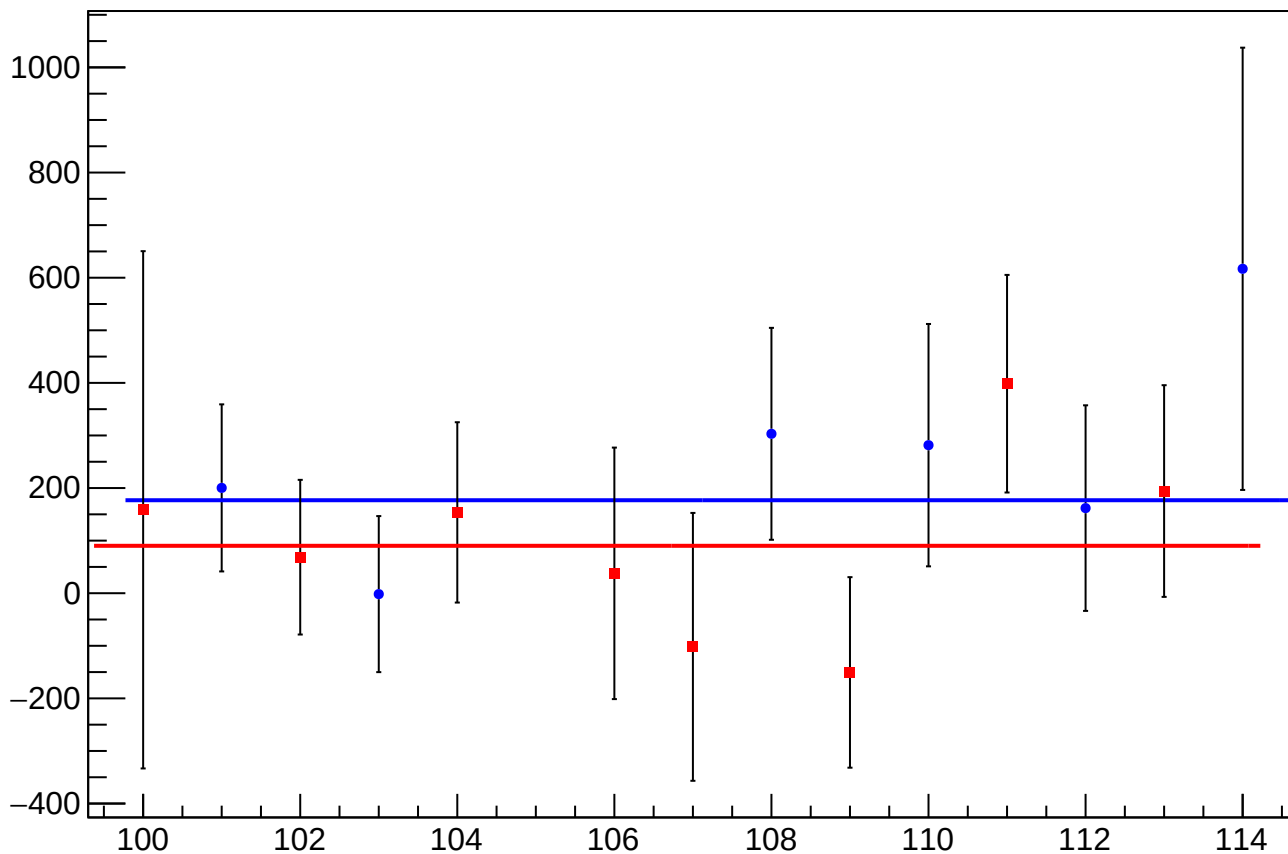
Right: 896.391+/-0.267 χ^2/NDF : 495779.7/13

In: 872.839+/-0.389 χ^2/NDF :248205.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 896.391+/-0.267 χ^2/NDF : 495779.7/13

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

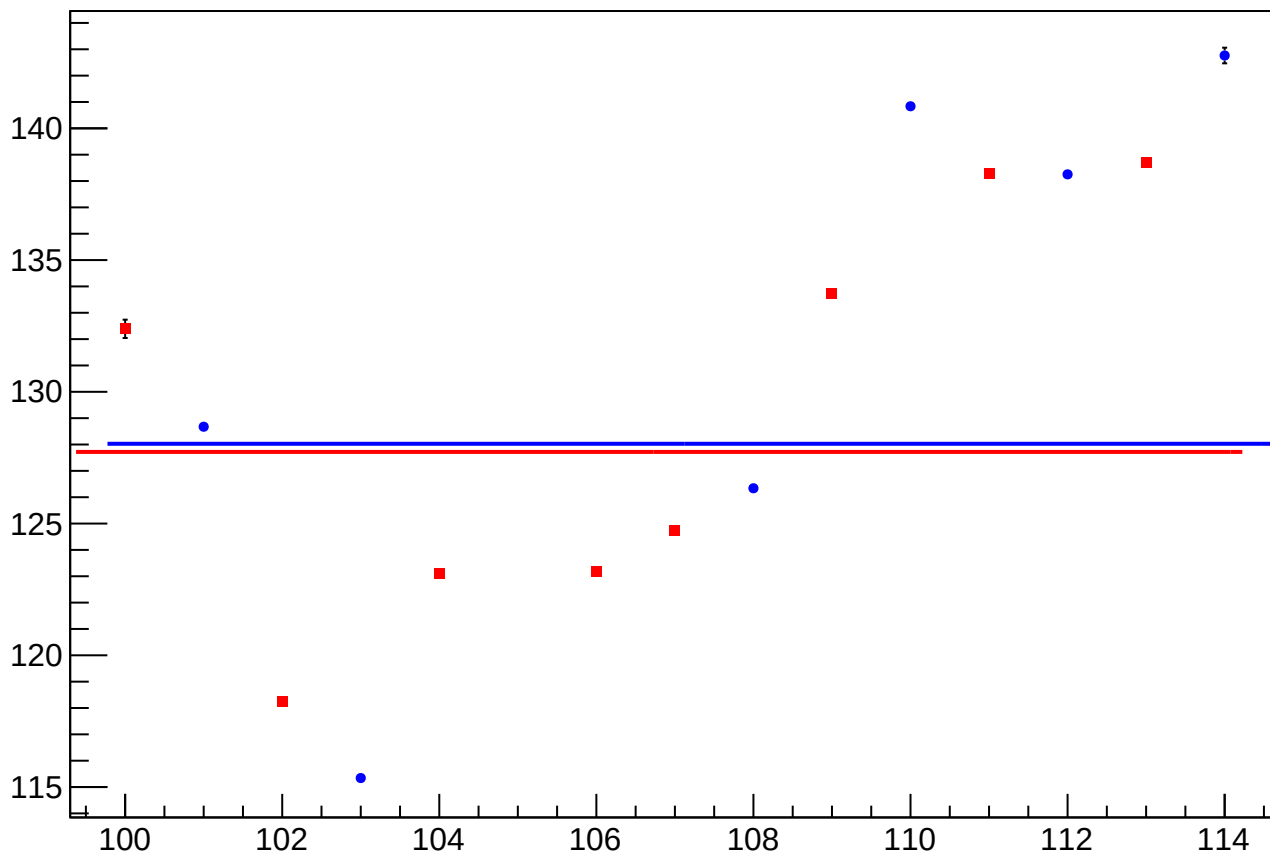
Right: 129.181 $\pm$ 52.993 χ^2 /NDF: 8.9/13

In: 176.829 $\pm$ 78.980 χ^2 /NDF: 3.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.181 $\pm$ 52.993 χ^2 /NDF: 8.9/13

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

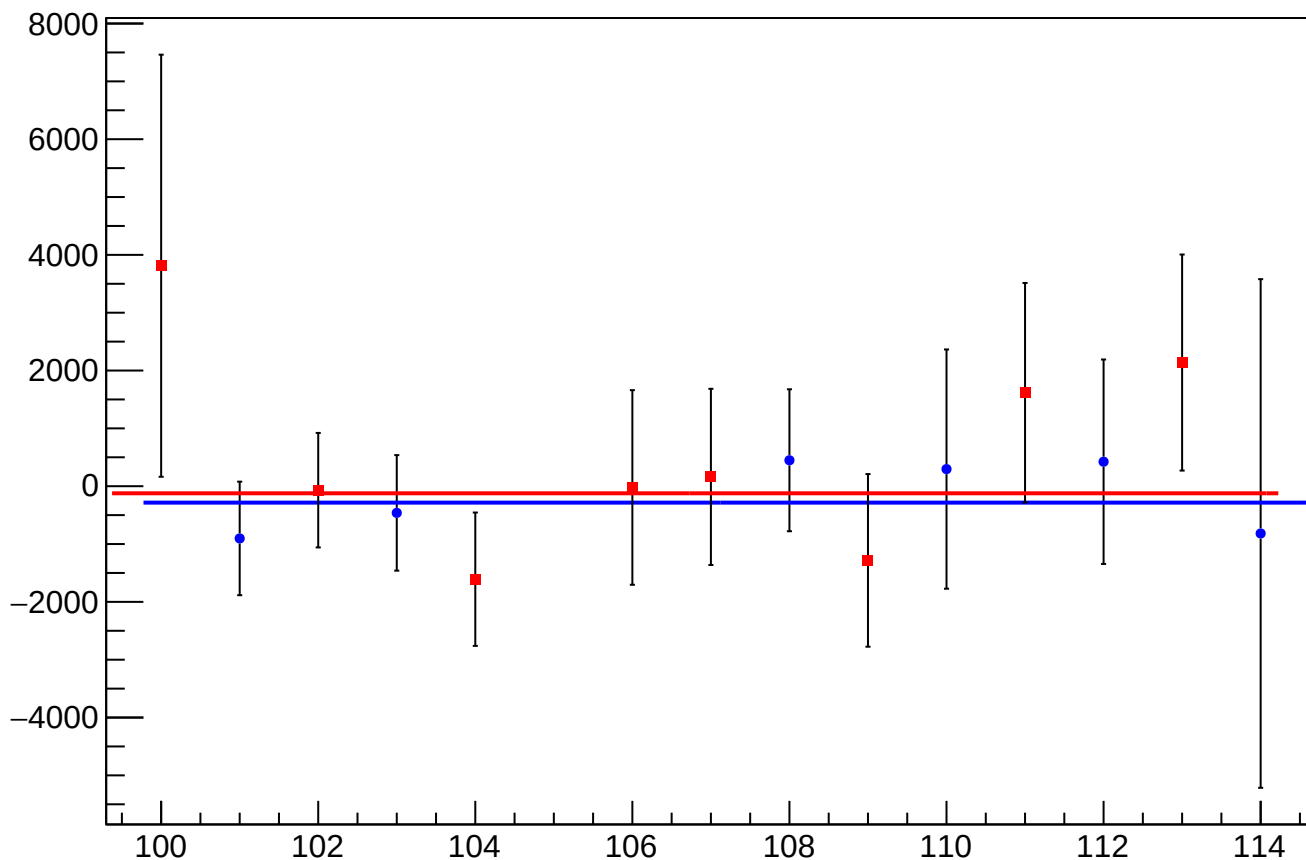
Right: 127.858 $\pm$ 0.037 χ^2 /NDF: 53148.0/13

In: 128.028 $\pm$ 0.056 χ^2 /NDF: 28896.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.858 $\pm$ 0.037 χ^2 /NDF: 53148.0/13

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

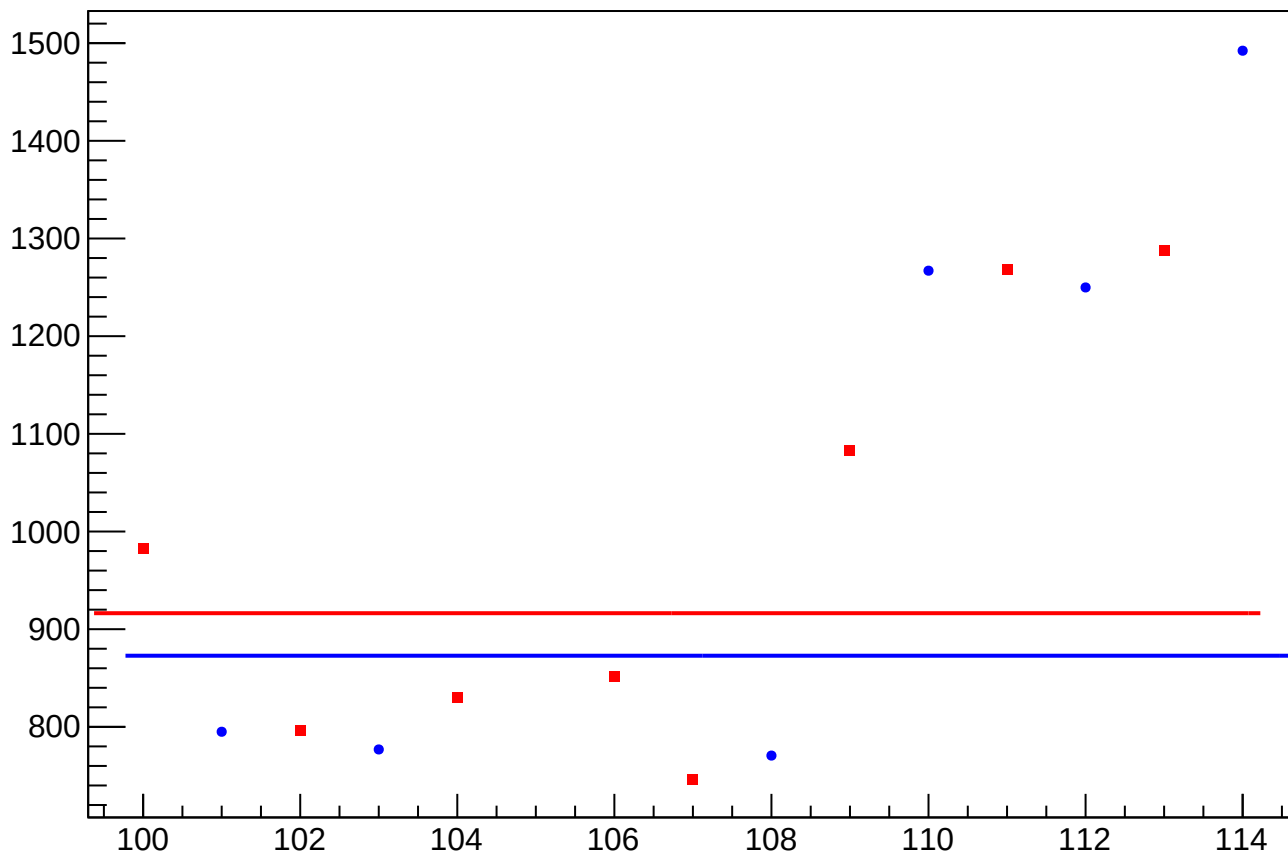
Right: -199.265+/-379.219 χ^2/NDF : 6.9/13

In: -283.853+/-549.740 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.265+/-379.219 χ^2/NDF : 6.9/13

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

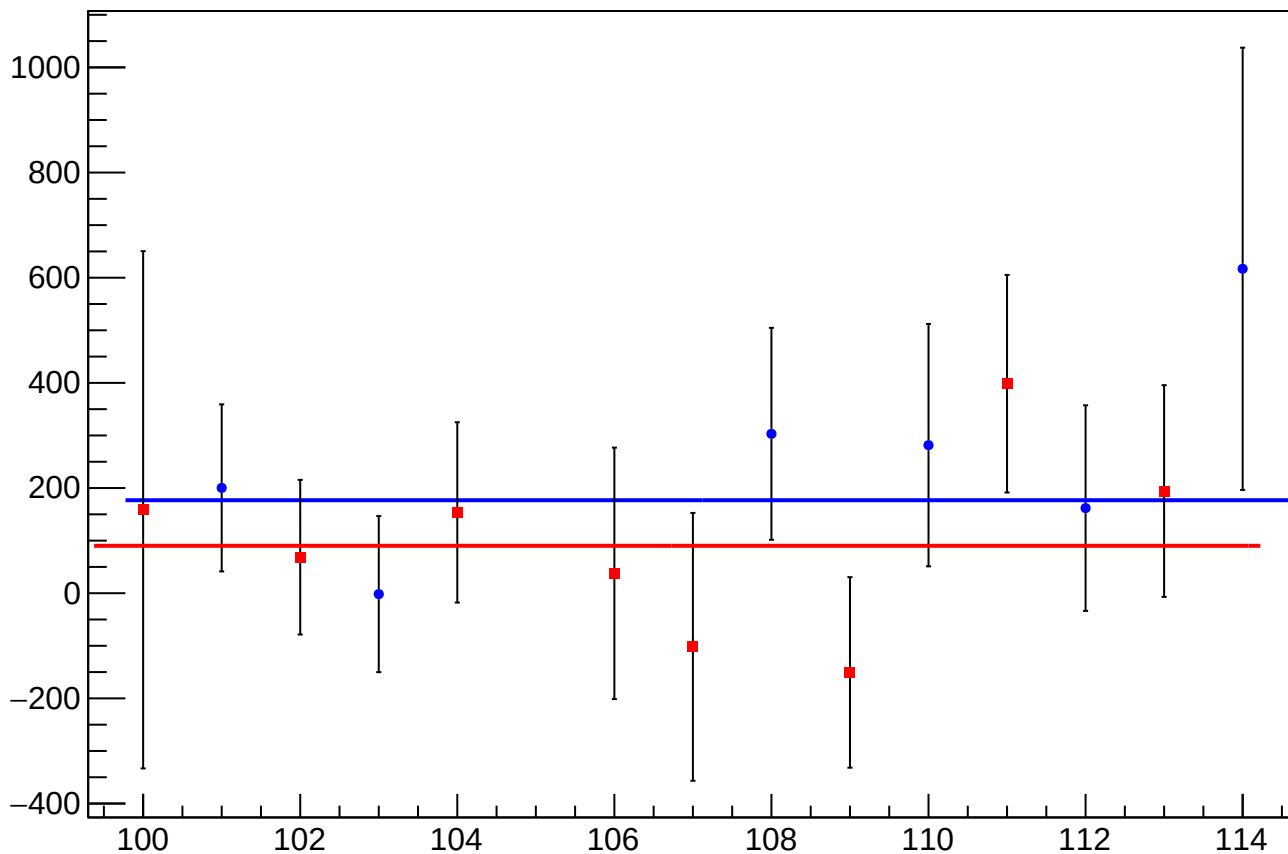
Right: 895.665+/-0.268 χ^2/NDF : 496458.7/13

In: 872.847+/-0.389 χ^2/NDF :248196.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 895.665+/-0.268 χ^2/NDF : 496458.7/13

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

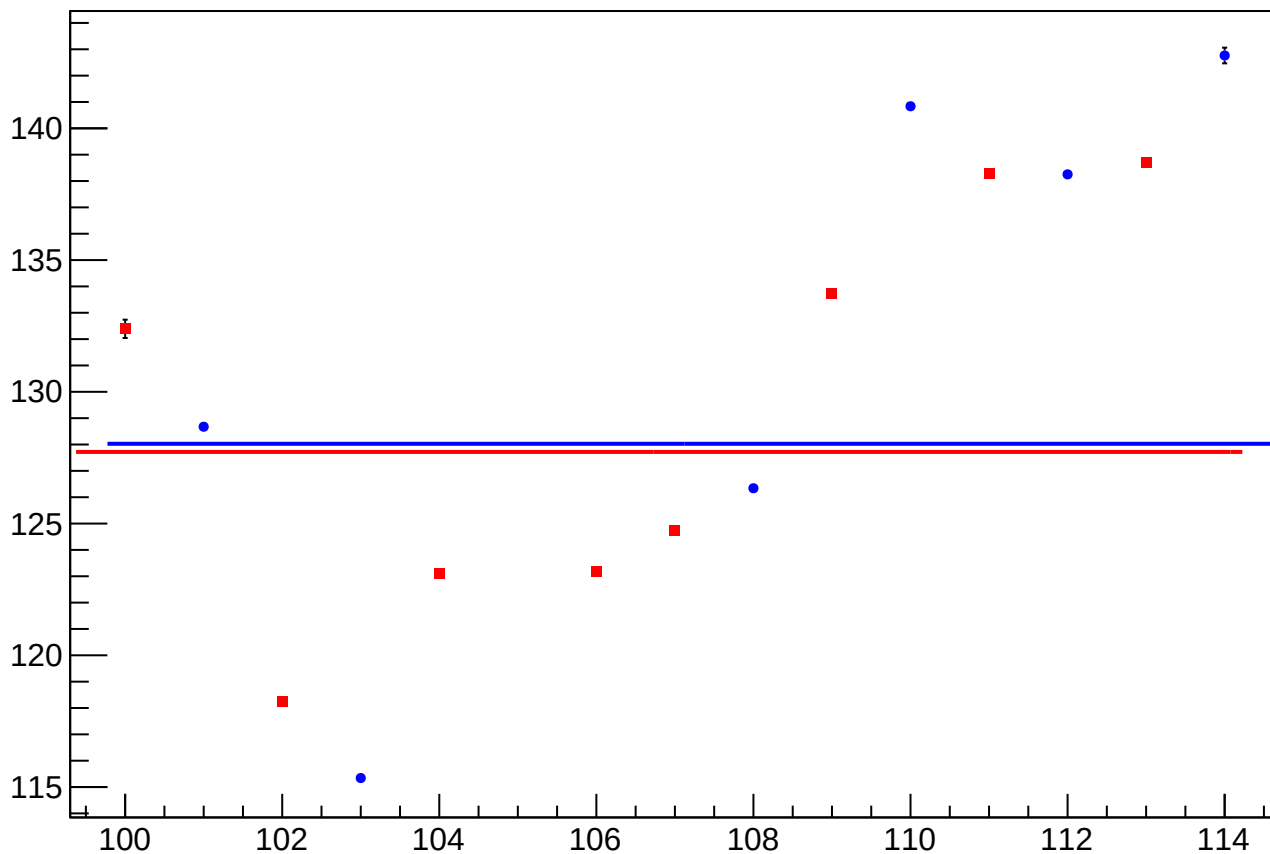
Right: 129.181 $\pm$ -52.993 χ^2 /NDF: 8.9/13

In: 176.829 $\pm$ -78.980 χ^2 /NDF:3.2/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 129.181 $\pm$ -52.993 χ^2 /NDF: 8.9/13

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 128.028+/-0.056 χ^2/NDF : 28896.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.719+/-0.051 χ^2/NDF : 24234.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

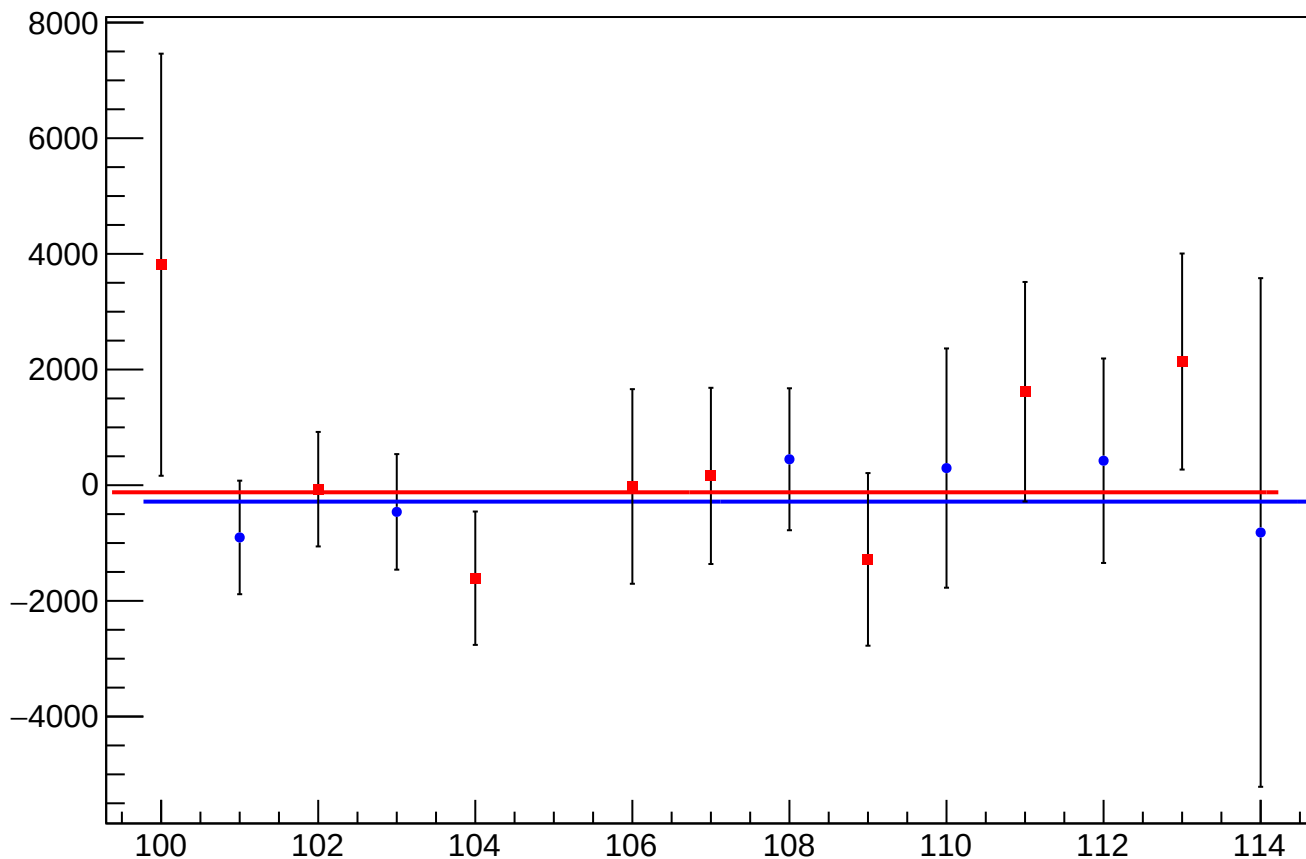
Right: 127.858+/-0.037 χ^2/NDF : 53148.0/13

In: 128.028+/-0.056 χ^2/NDF : 28896.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.858+/-0.037 χ^2/NDF : 53148.0/13

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

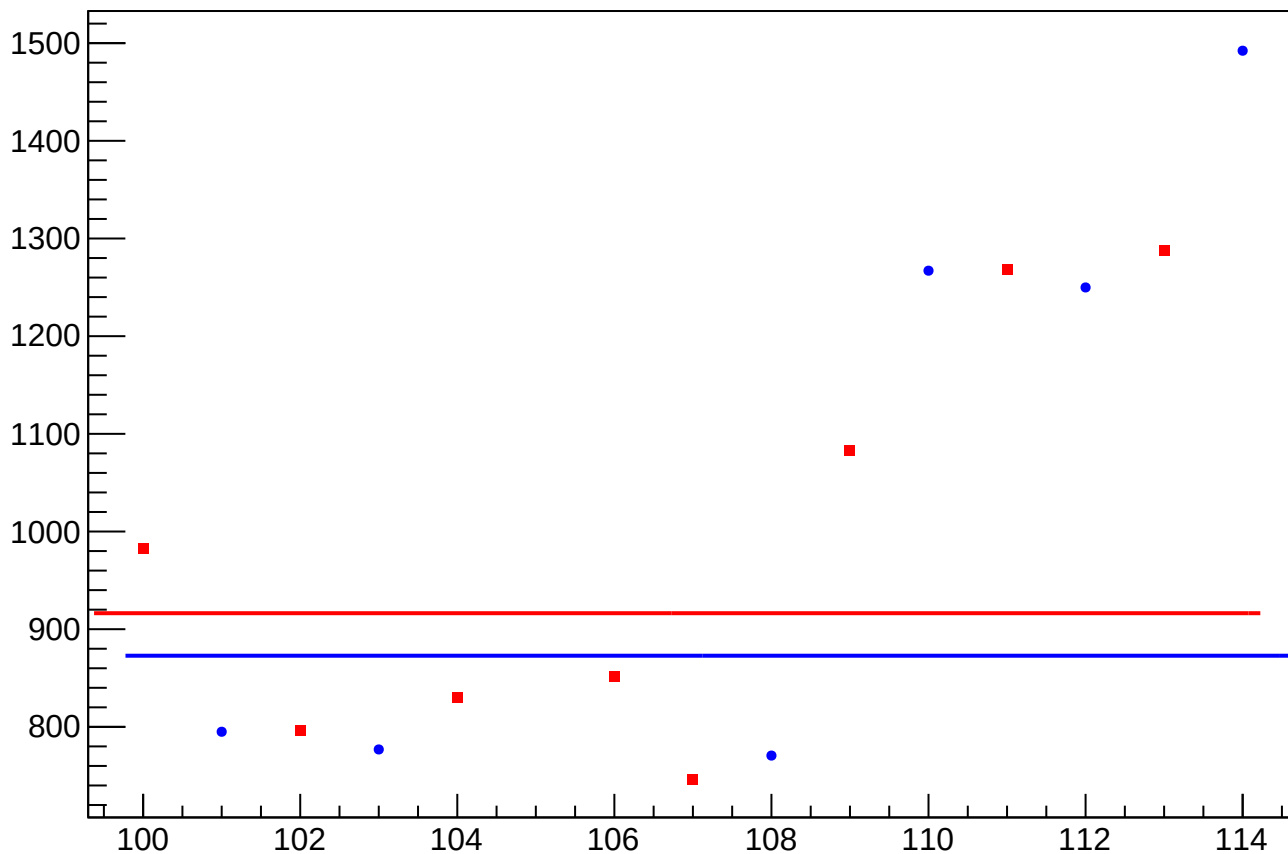
Right: -199.265+/-379.219 χ^2/NDF : 6.9/13

In: -283.853+/-549.740 χ^2/NDF : 1.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.265+/-379.219 χ^2/NDF : 6.9/13

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

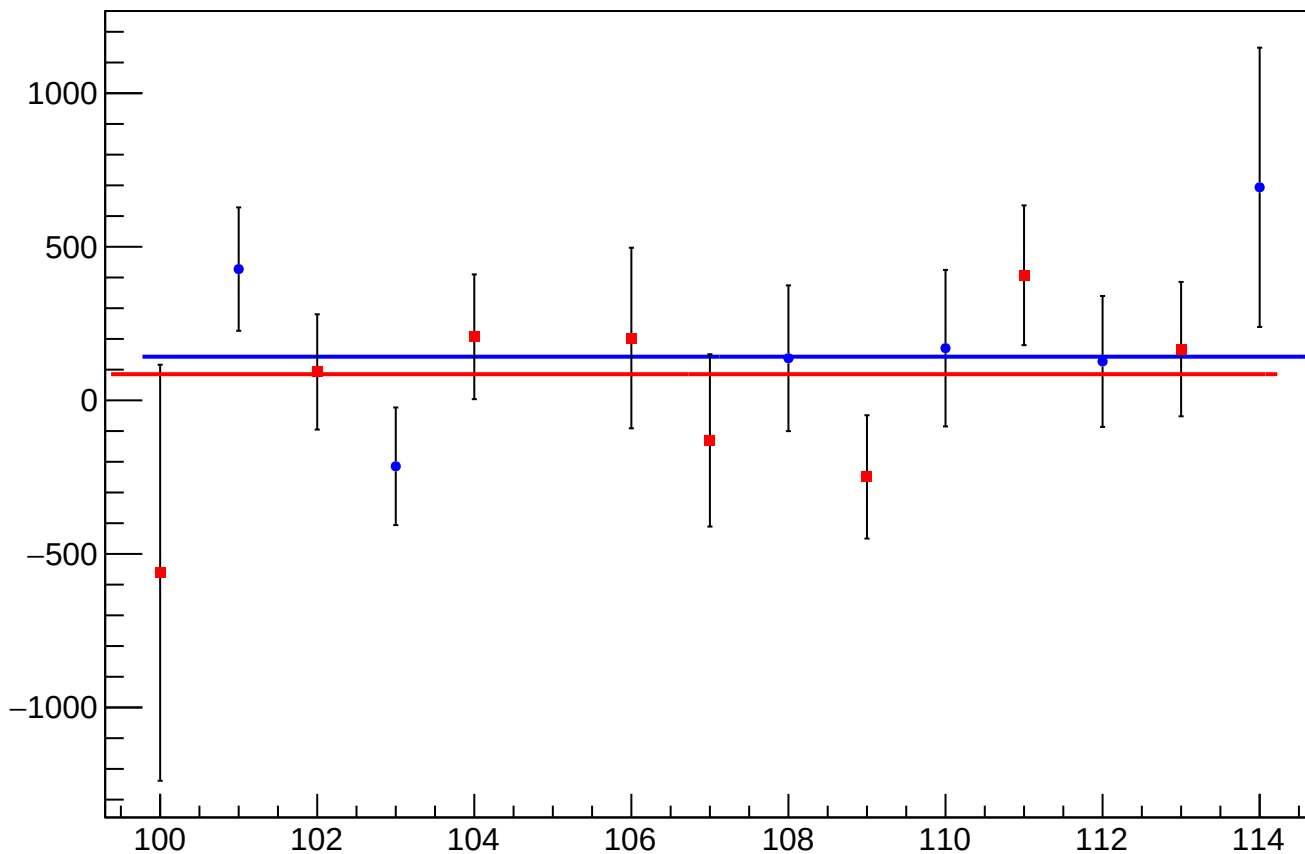
Right: 895.665+/-0.268 χ^2/NDF : 496458.7/13

In: 872.847+/-0.389 χ^2/NDF : 248196.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.665+/-0.268 χ^2/NDF : 496458.7/13

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

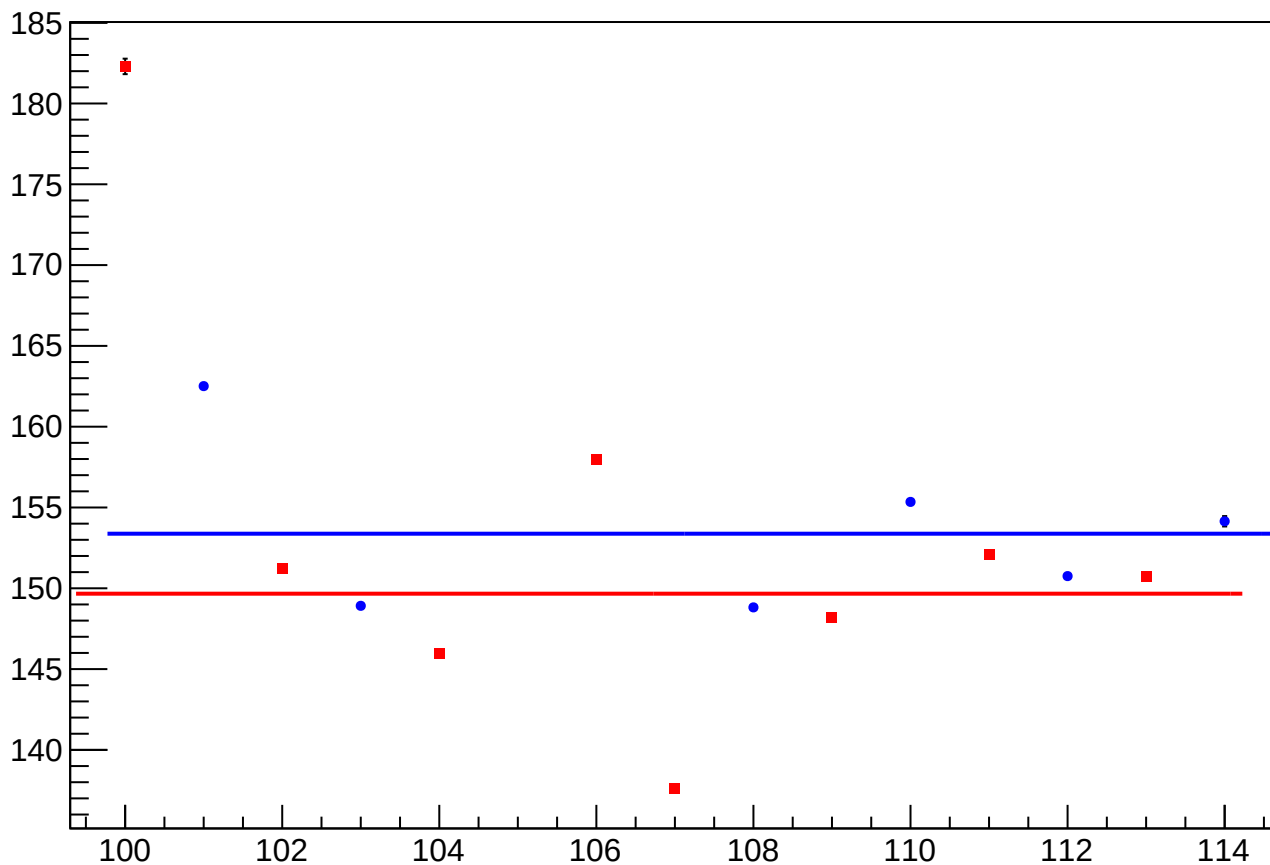
Right: 110.153 $\pm$ -62.479 χ^2 /NDF: 14.1/13

In: 142.188 $\pm$ -94.456 χ^2 /NDF:7.0/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 110.153 $\pm$ -62.479 χ^2 /NDF: 14.1/13

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

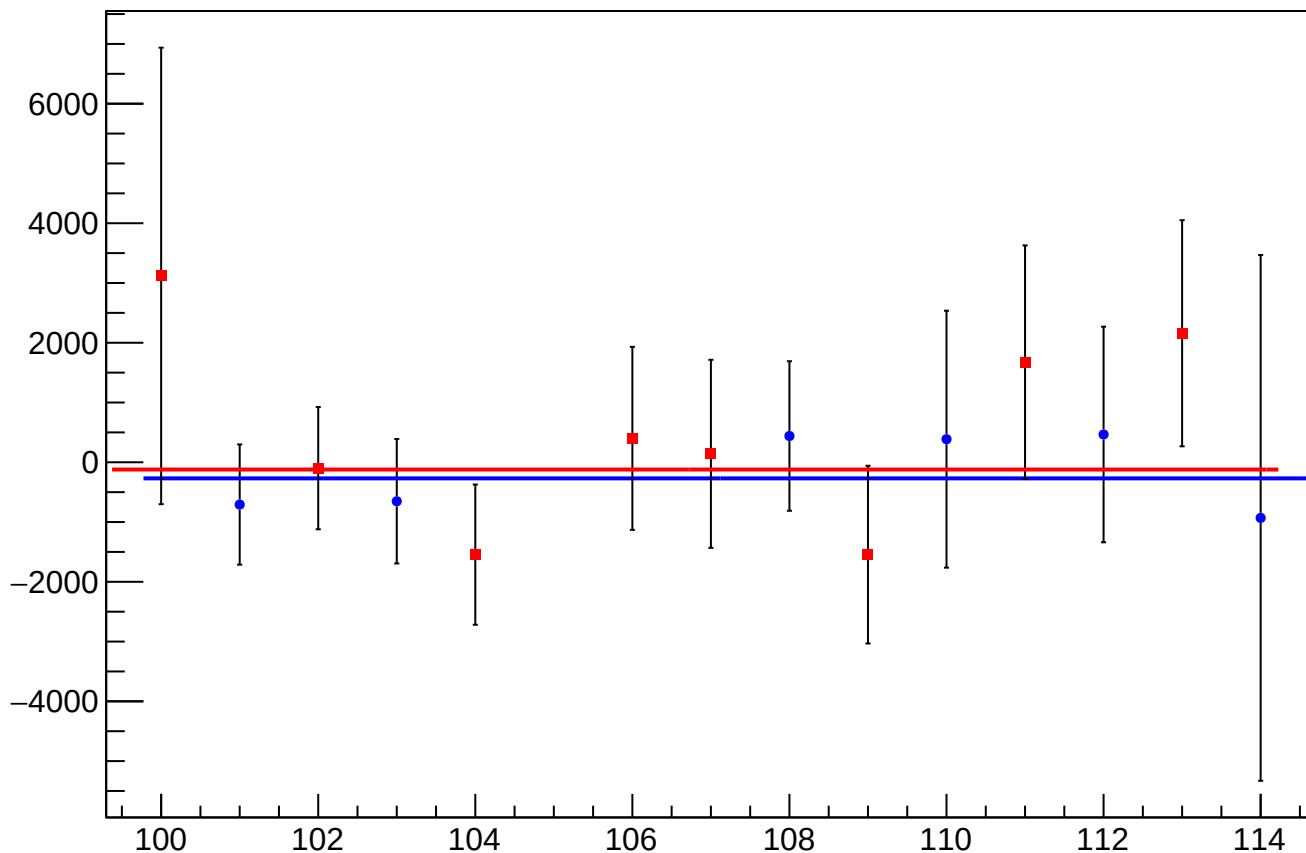
Right: 151.290 $\pm$ 0.044 χ^2 /NDF: 19259.2/13

In: 153.378 $\pm$ 0.067 χ^2 /NDF:6389.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.290 $\pm$ 0.044 χ^2 /NDF: 19259.2/13

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

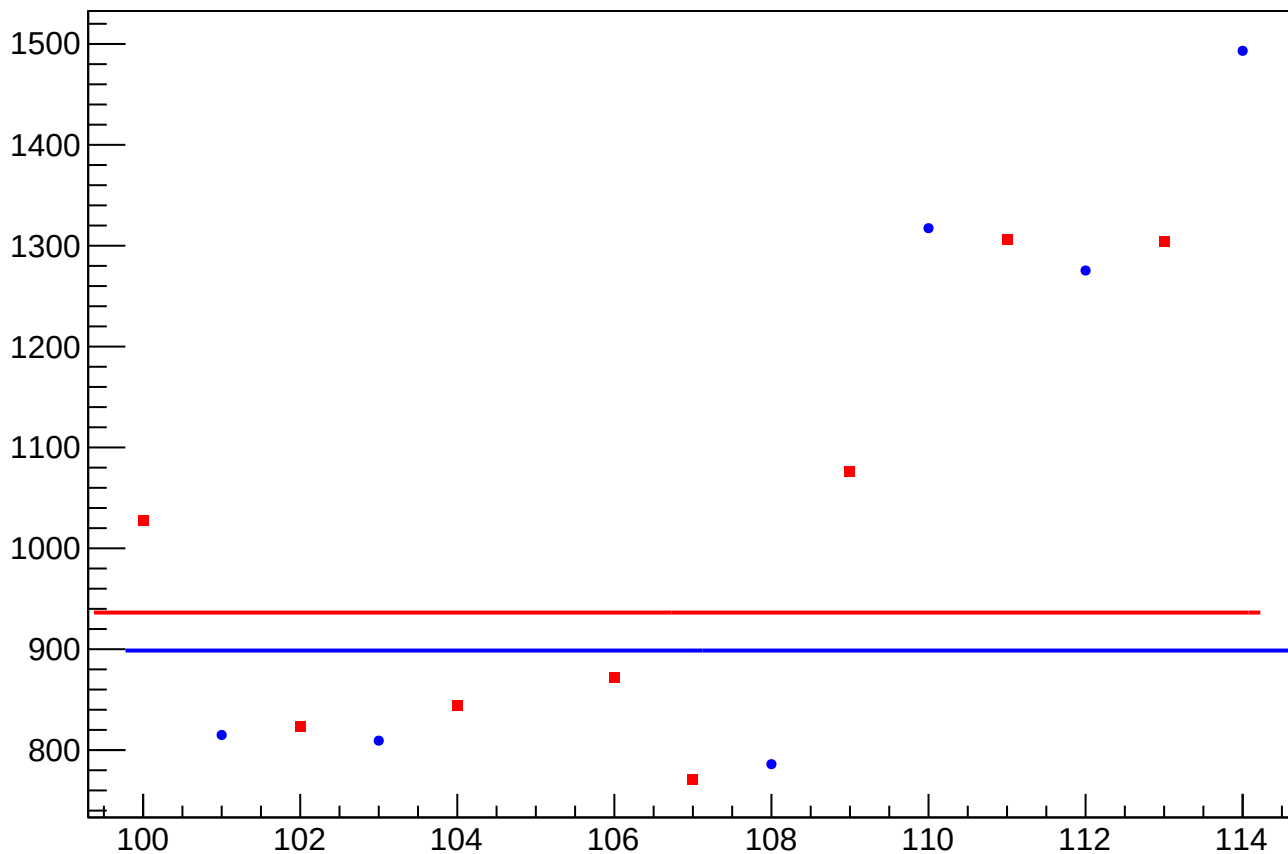
Right: -190.275+/-386.330 χ^2/NDF : 6.5/13

In: -269.328+/-565.676 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.275+/-386.330 χ^2/NDF : 6.5/13

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 898.681+/-0.400 χ^2/NDF : 244424.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 936.335+/-0.374 χ^2/NDF : 228326.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

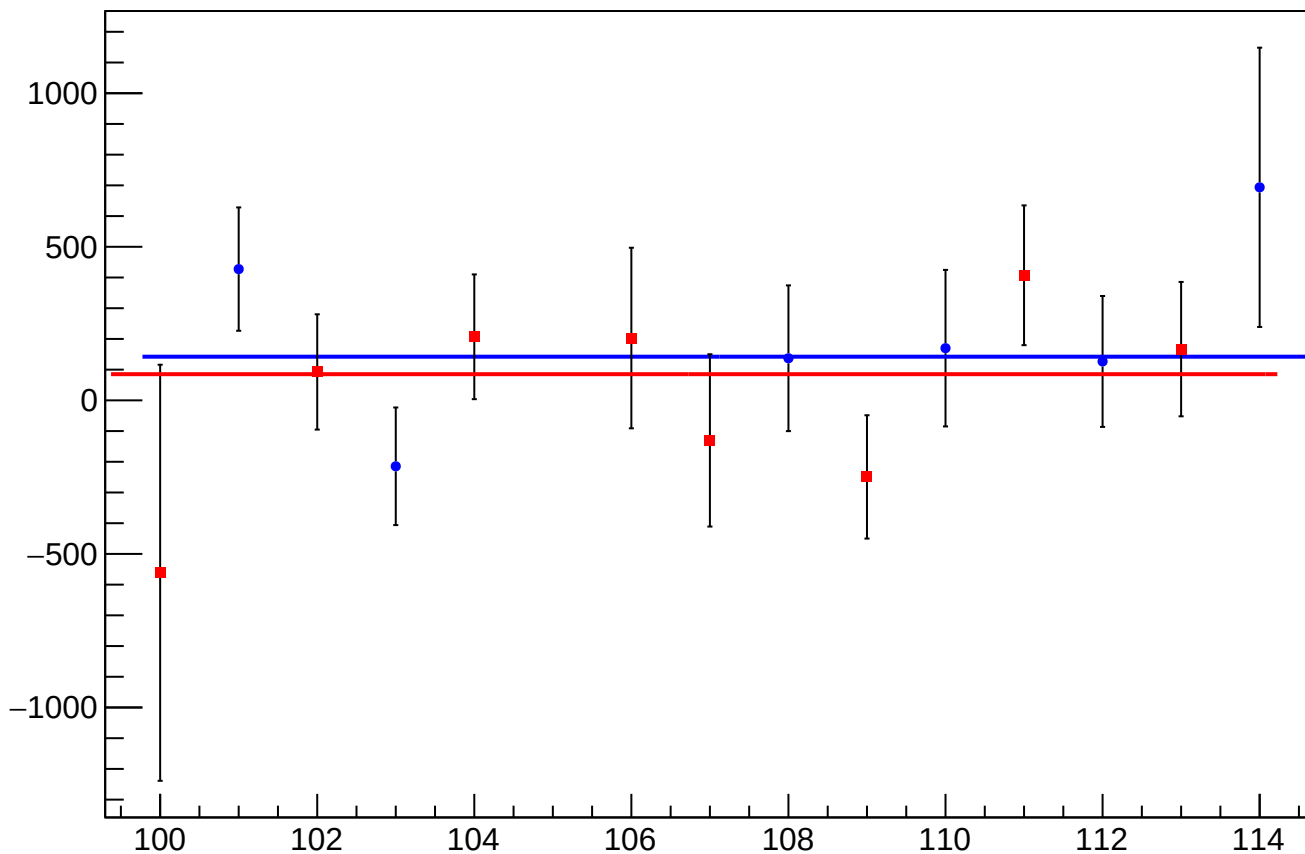
Right: 918.773+/-0.273 χ^2/NDF : 477479.5/13

In: 898.681+/-0.400 χ^2/NDF :244424.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 918.773+/-0.273 χ^2/NDF : 477479.5/13

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 142.183+/-94.456 χ^2/NDF : 7.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.233+/-83.308 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

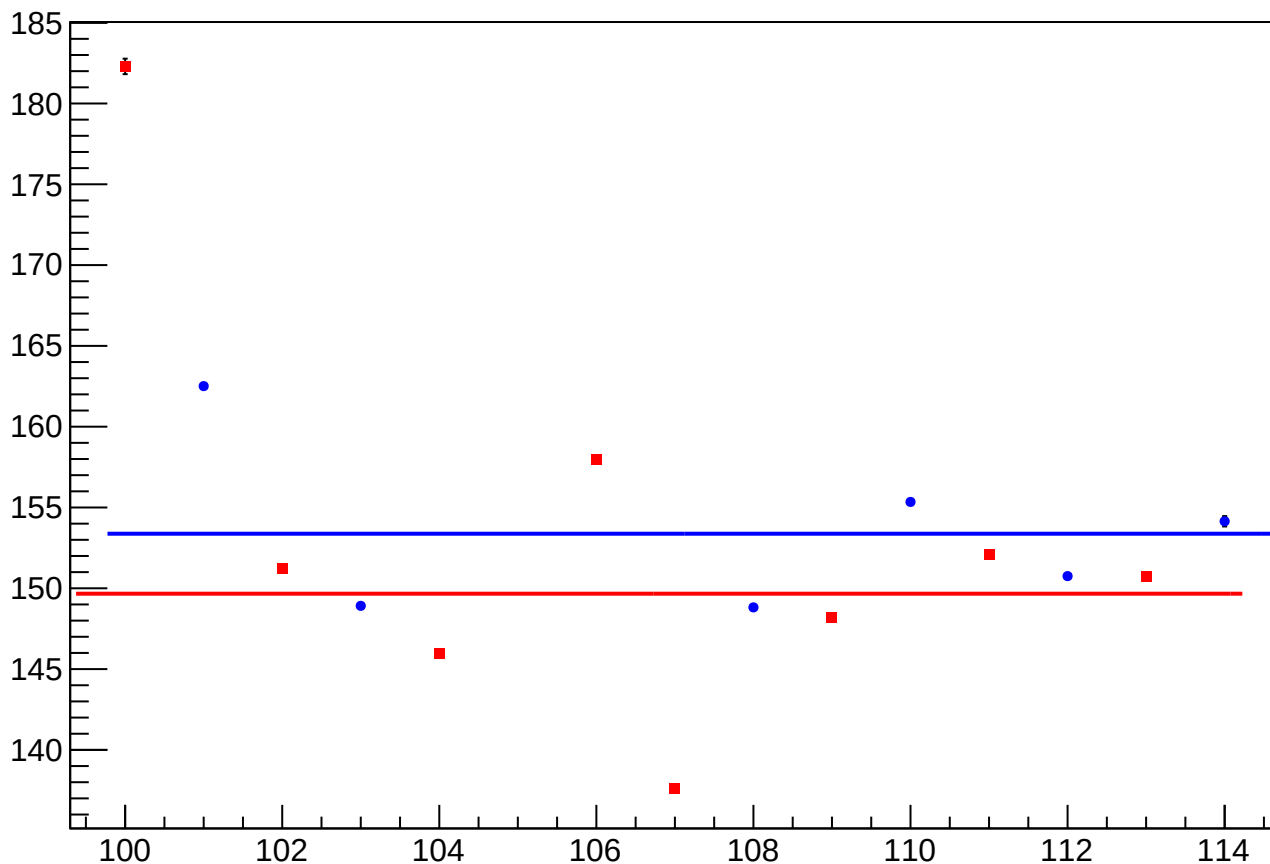
Right: 110.151+/-62.479 χ^2/NDF : 14.1/13

In: 142.183+/-94.456 χ^2/NDF : 7.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.151+/-62.479 χ^2/NDF : 14.1/13

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

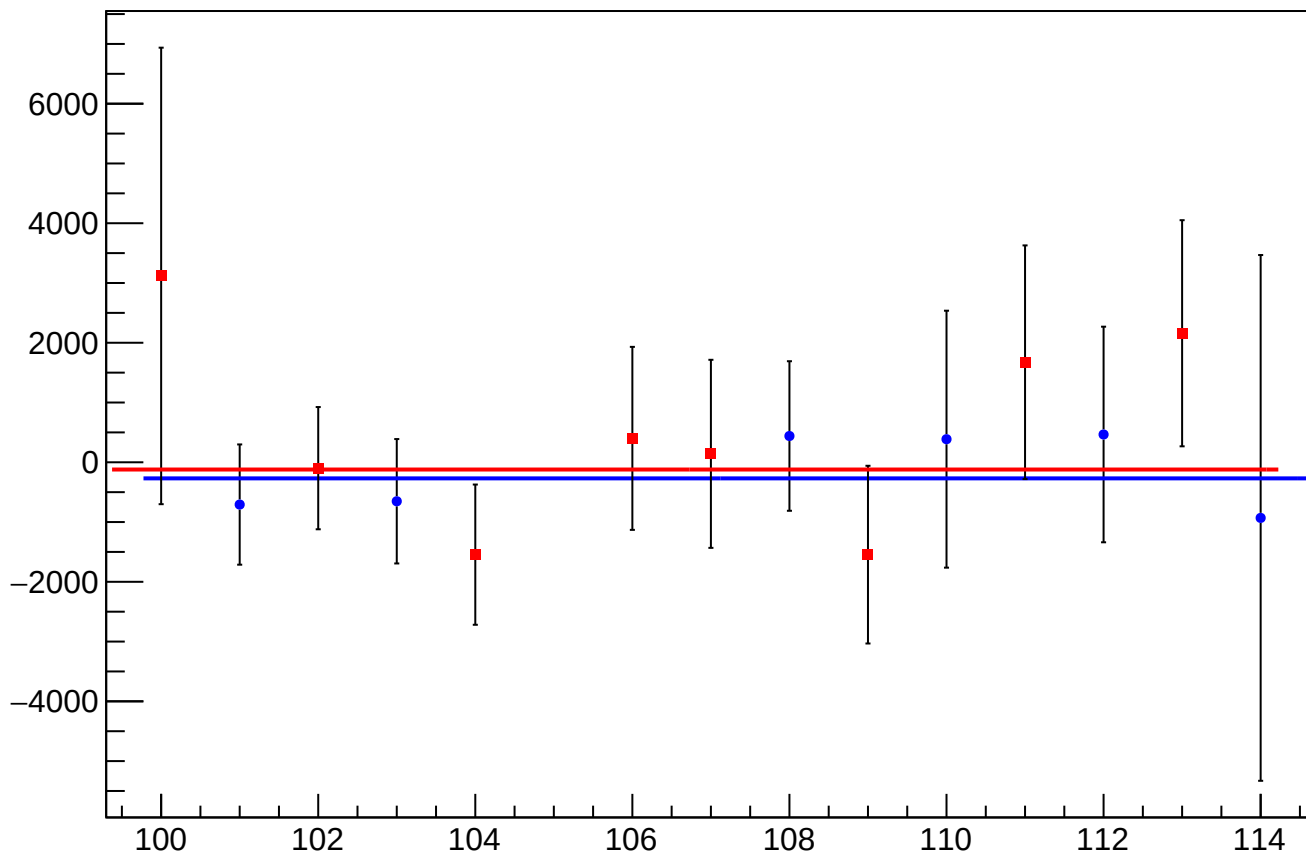
Right: 151.290 $\pm$ 0.044 χ^2 /NDF: 19258.8/13

In: 153.377 $\pm$ 0.067 χ^2 /NDF:6389.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.290 $\pm$ 0.044 χ^2 /NDF: 19258.8/13

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

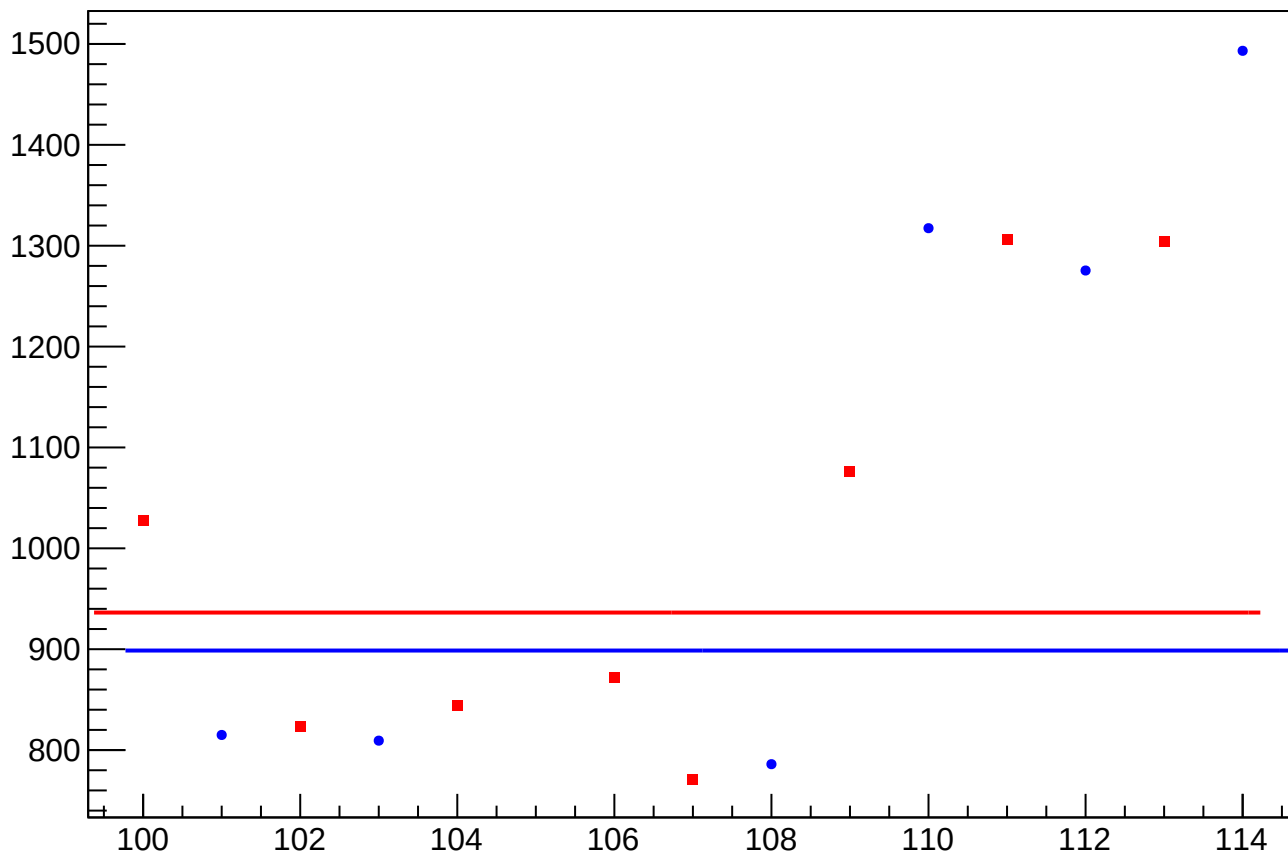
Right: -190.277+/-386.329 χ^2/NDF : 6.5/13

In: -269.332+/-565.674 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.277+/-386.329 χ^2/NDF : 6.5/13

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

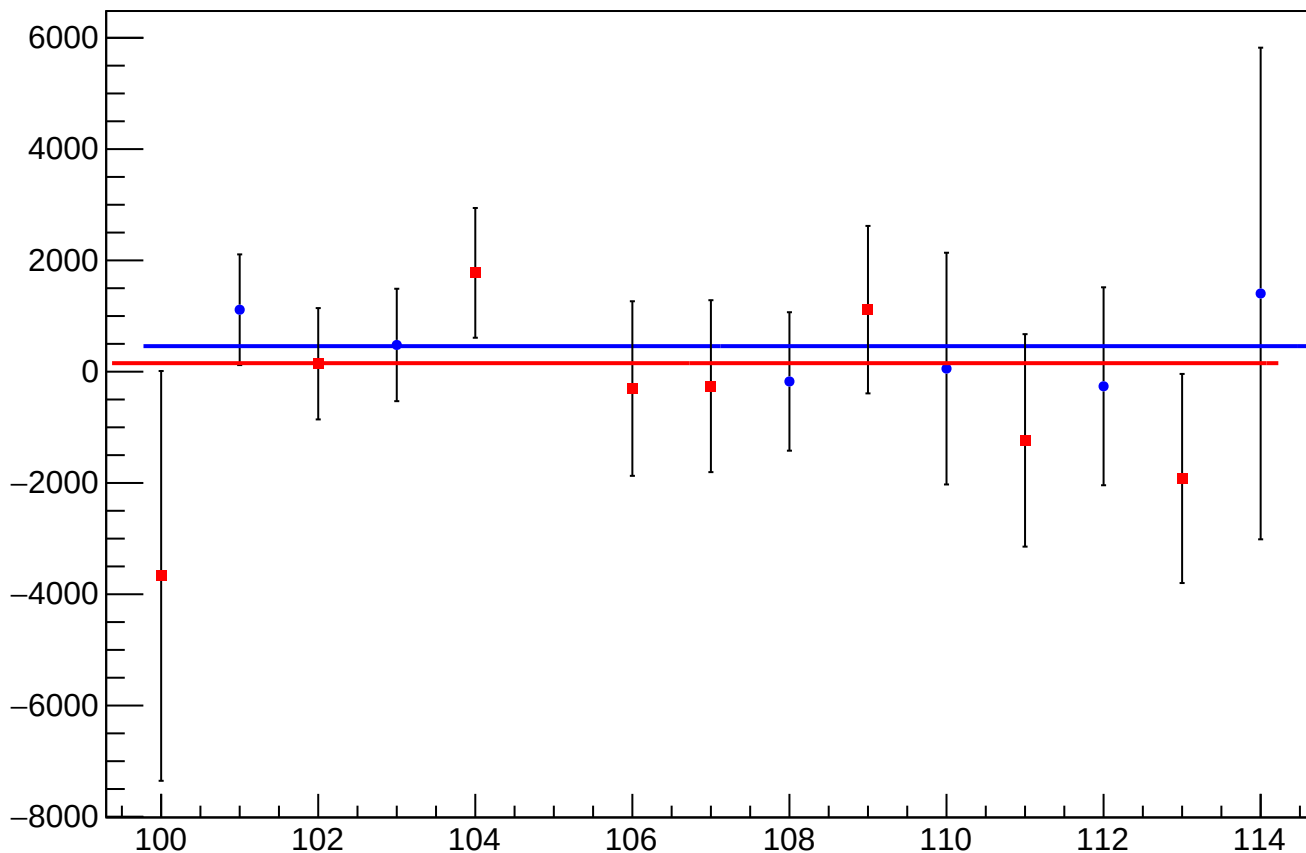
Right: 918.770+/-0.273 χ^2/NDF : 477475.3/13

In: 898.679+/-0.400 χ^2/NDF :244421.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 918.770+/-0.273 χ^2/NDF : 477475.3/13

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 458.859+/-555.976 χ^2/NDF : 0.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.962+/-524.644 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

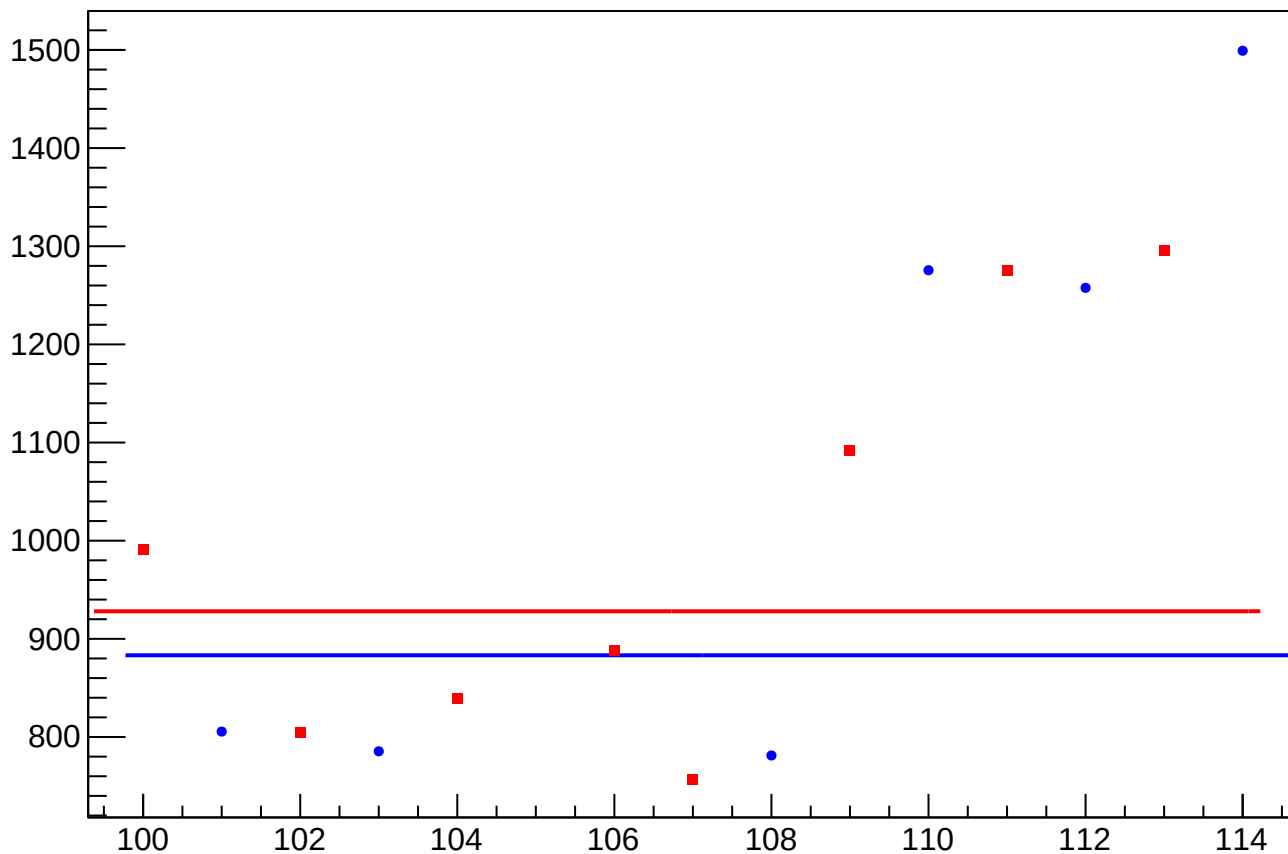
Right: 297.049+/-381.575 χ^2/NDF : 6.4/13

In: 458.859+/-555.976 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.049+/-381.575 χ^2/NDF : 6.4/13

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

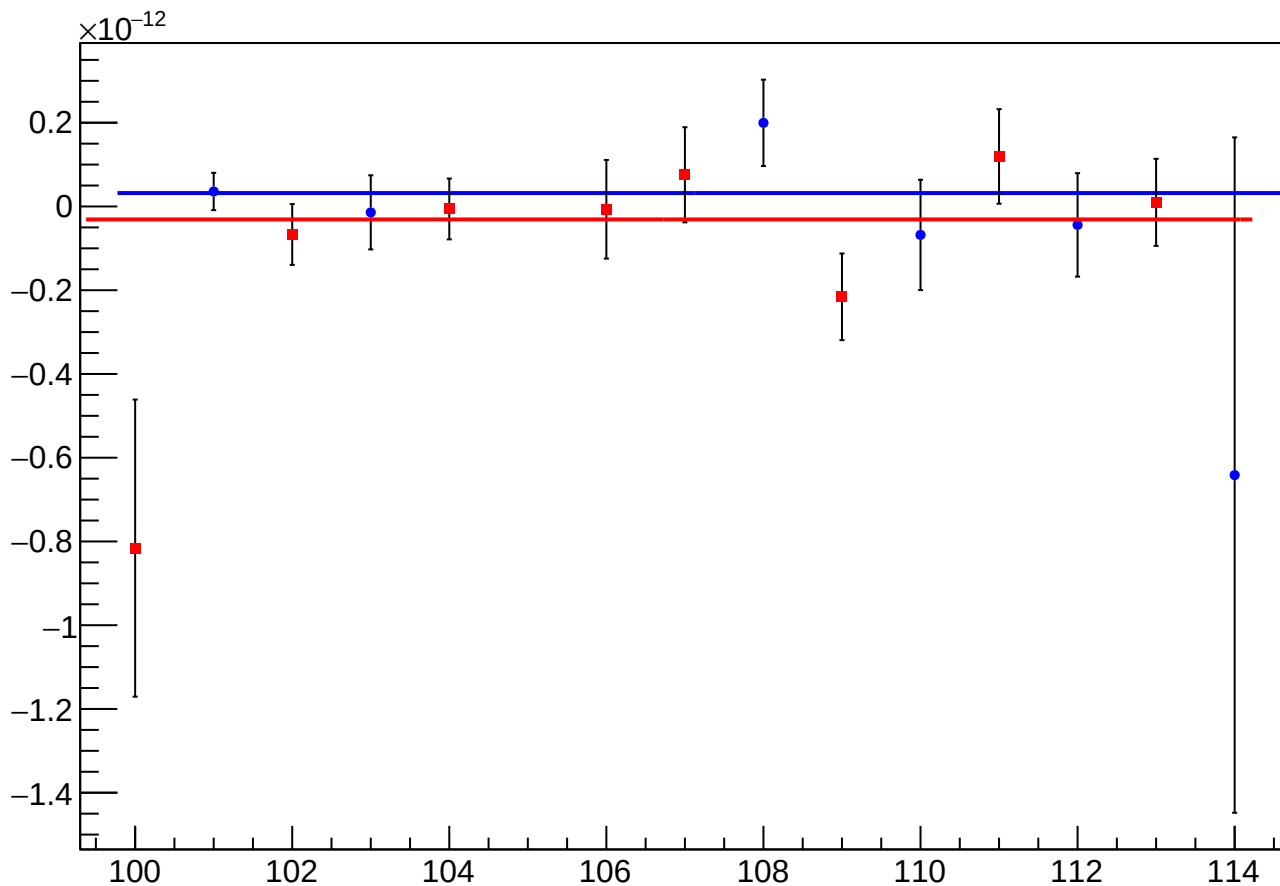
Right: 906.969+/-0.270 χ^2/NDF : 484692.5/13

In: 883.240+/-0.393 χ^2/NDF : 242893.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.969+/-0.270 χ^2/NDF : 484692.5/13

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

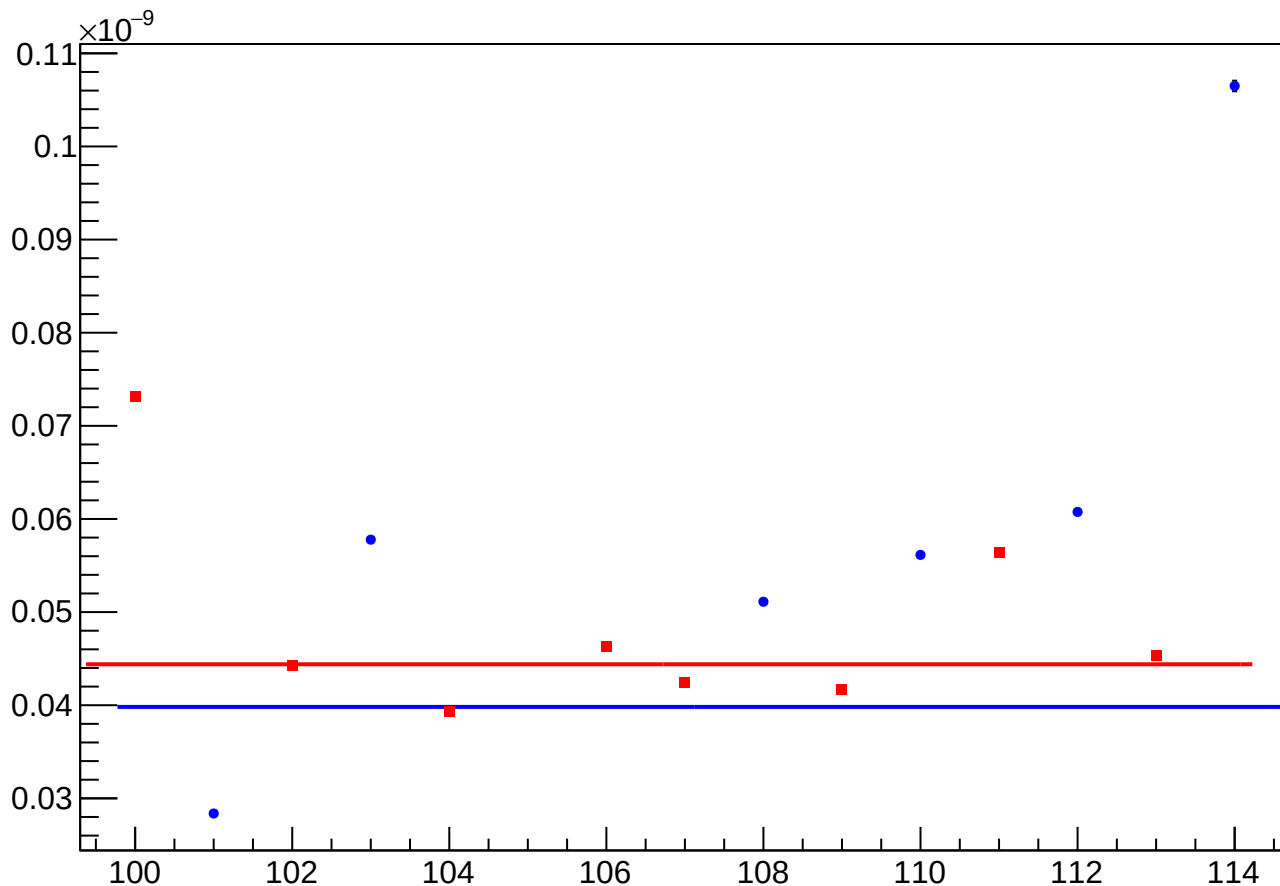
Right: 0.000+/-0.000 χ^2/NDF : 17.5/13

In: 0.000+/-0.000 χ^2/NDF : 4.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/13

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

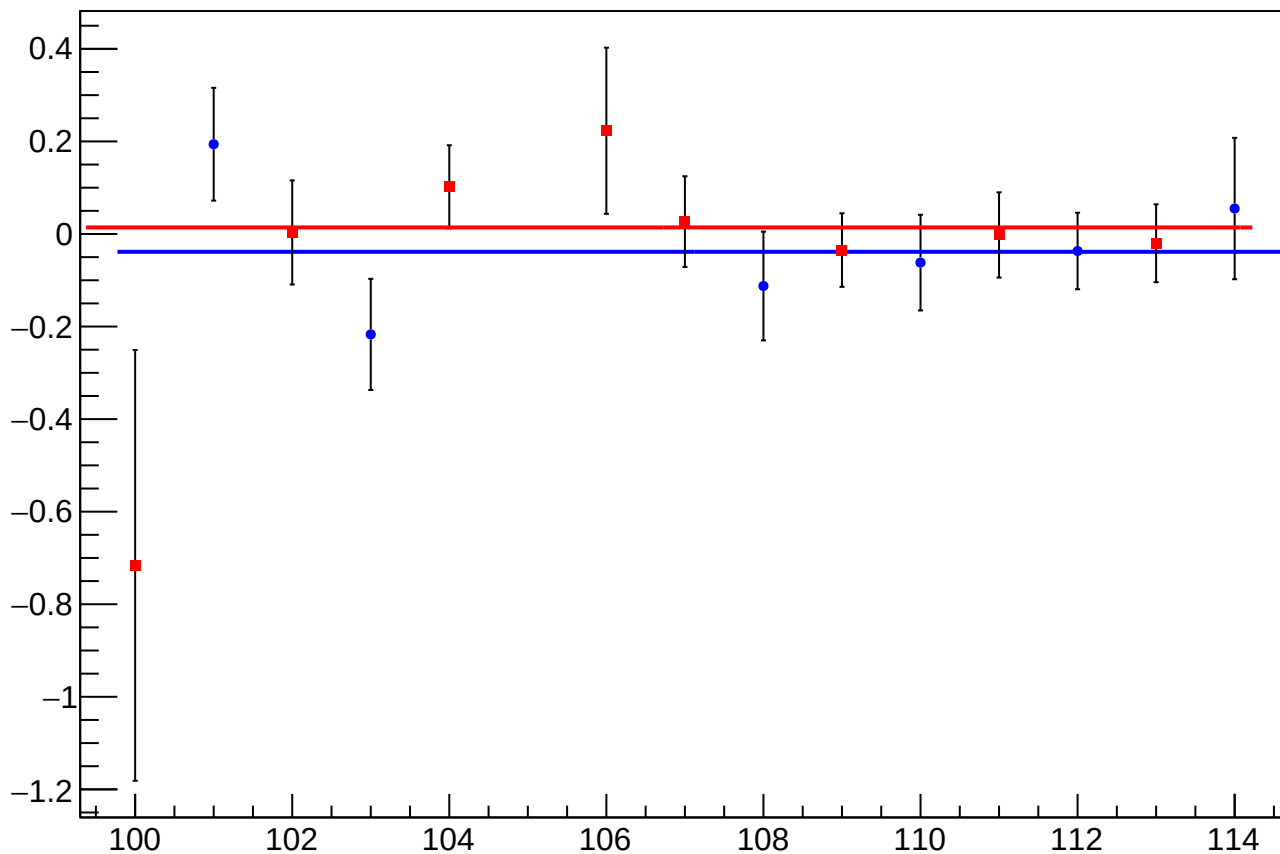
Right: 0.000+/-0.000 χ^2/NDF : 405446.1/13

In: 0.000+/-0.000 χ^2/NDF : 340158.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 405446.1/13

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

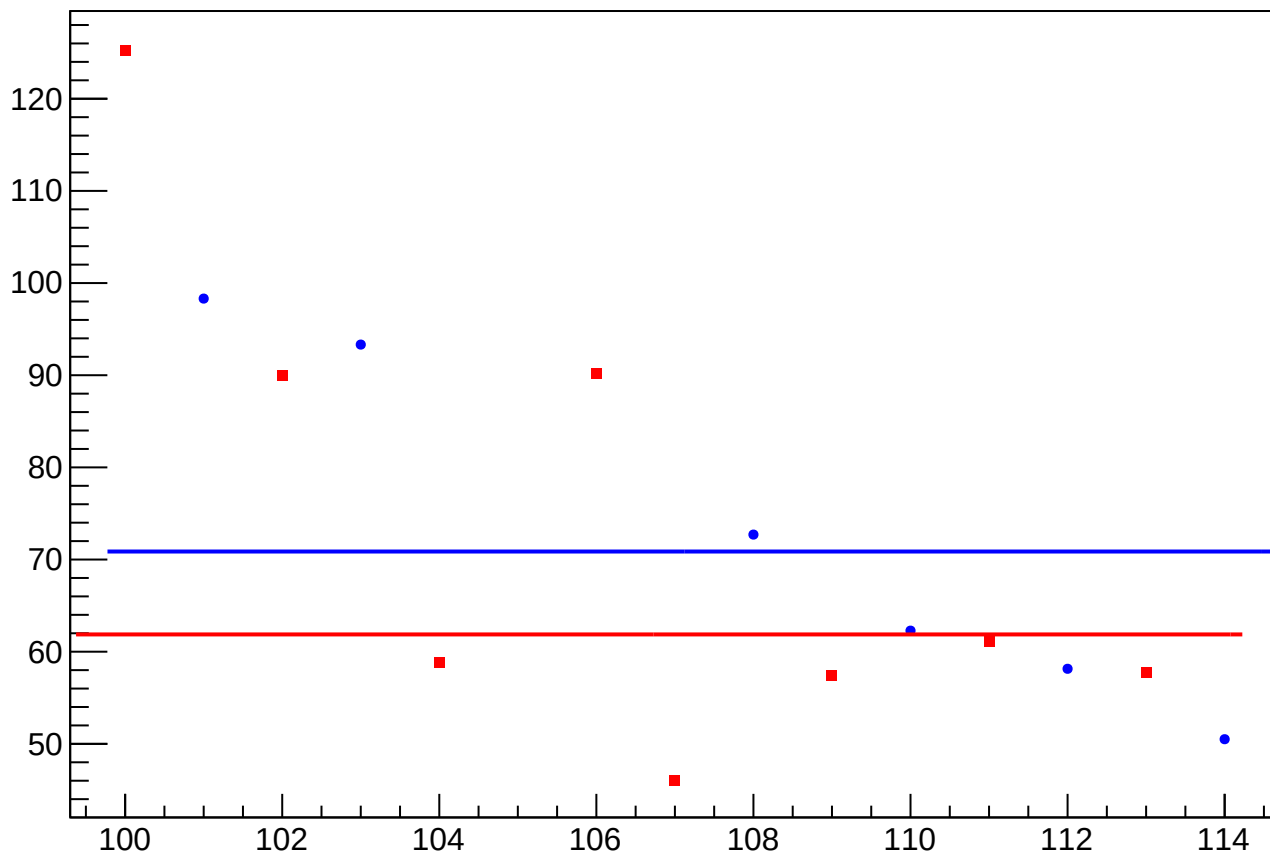
Right: -0.007 $\pm$ 0.028 χ^2 /NDF: 12.9/13

In: -0.038 $\pm$ 0.045 χ^2 /NDF:6.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.028 χ^2 /NDF: 12.9/13

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

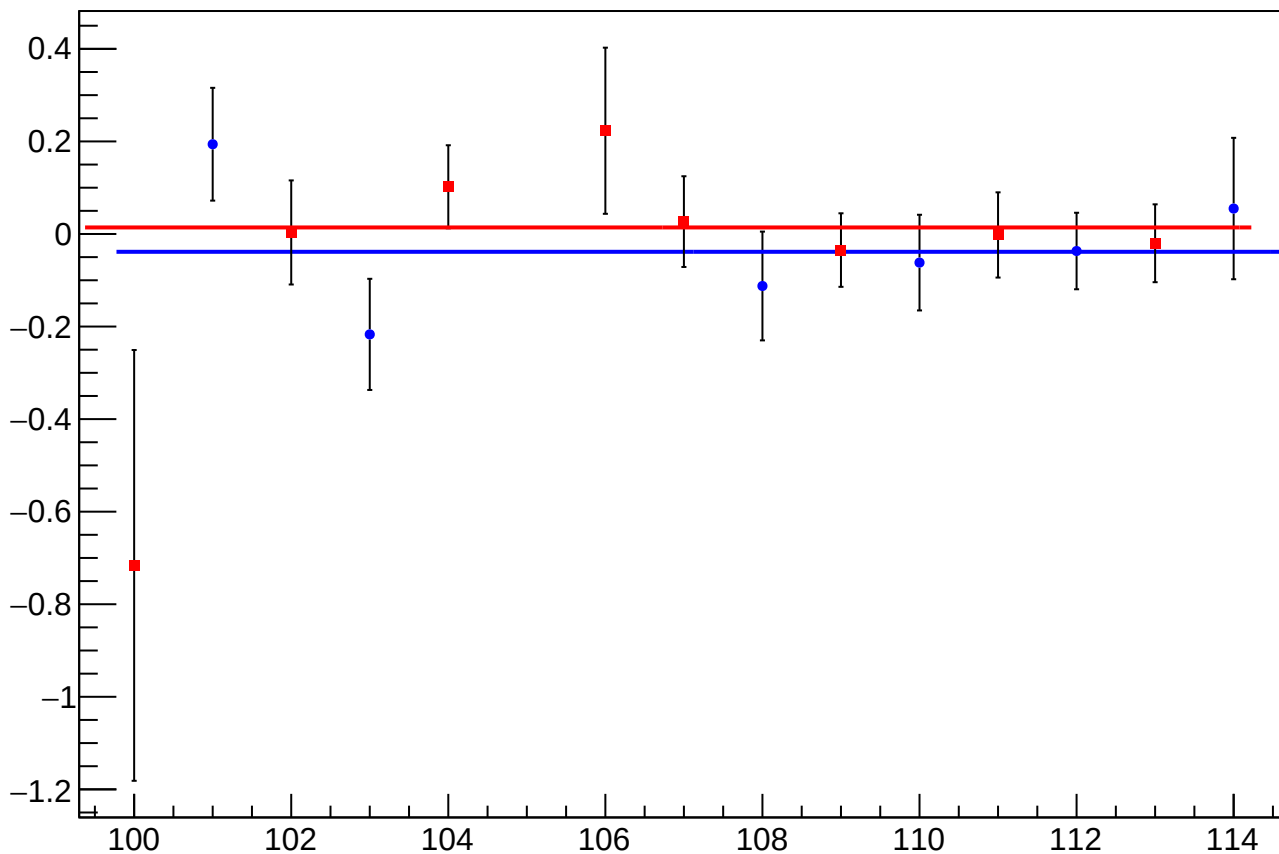
Right: 65.407 $\pm$ 0.020 χ^2 /NDF: 594238.4/13

In: 70.870 $\pm$ 0.032 χ^2 /NDF:268600.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.407 $\pm$ 0.020 χ^2 /NDF: 594238.4/13

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

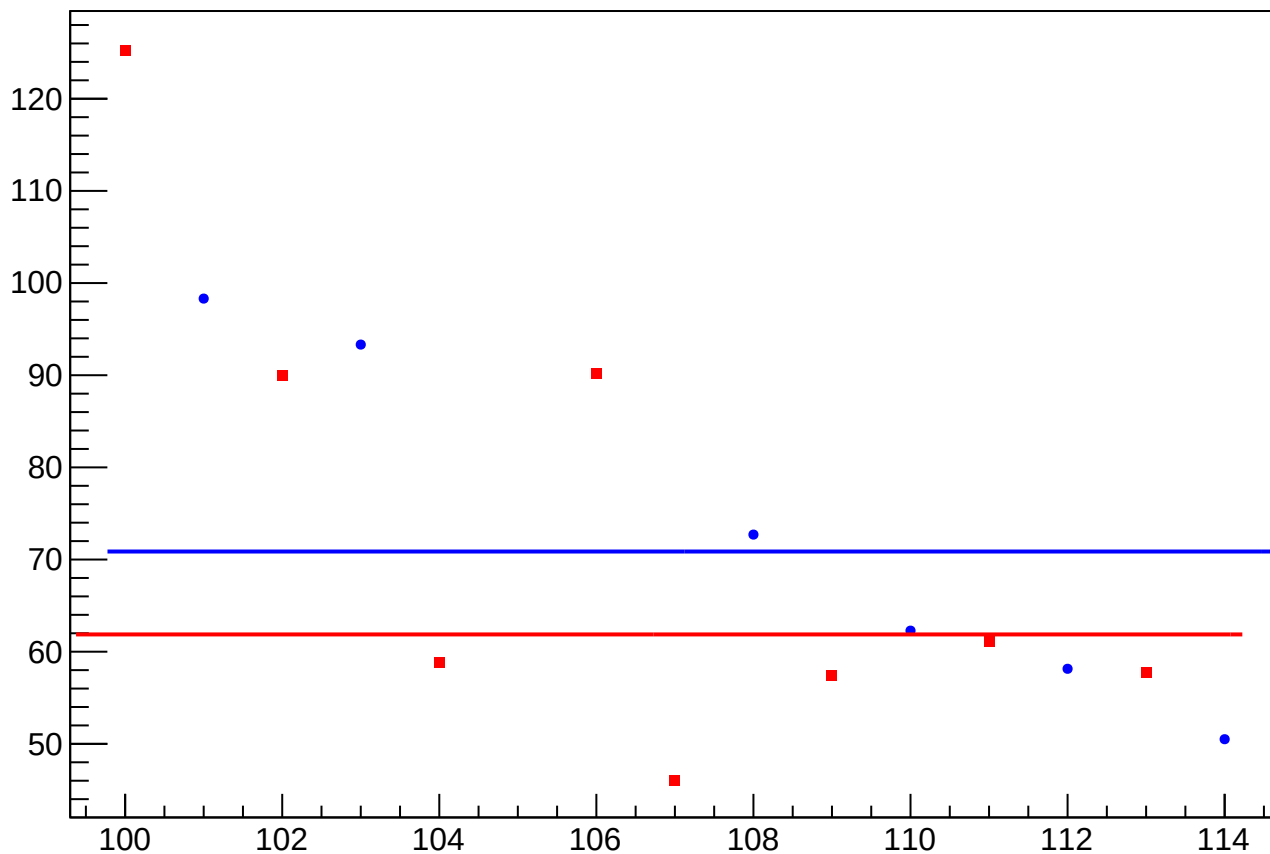
Right: -0.007 $\pm$ 0.028 χ^2 /NDF: 12.9/13

In: -0.038 $\pm$ 0.045 χ^2 /NDF:6.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.028 χ^2 /NDF: 12.9/13

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

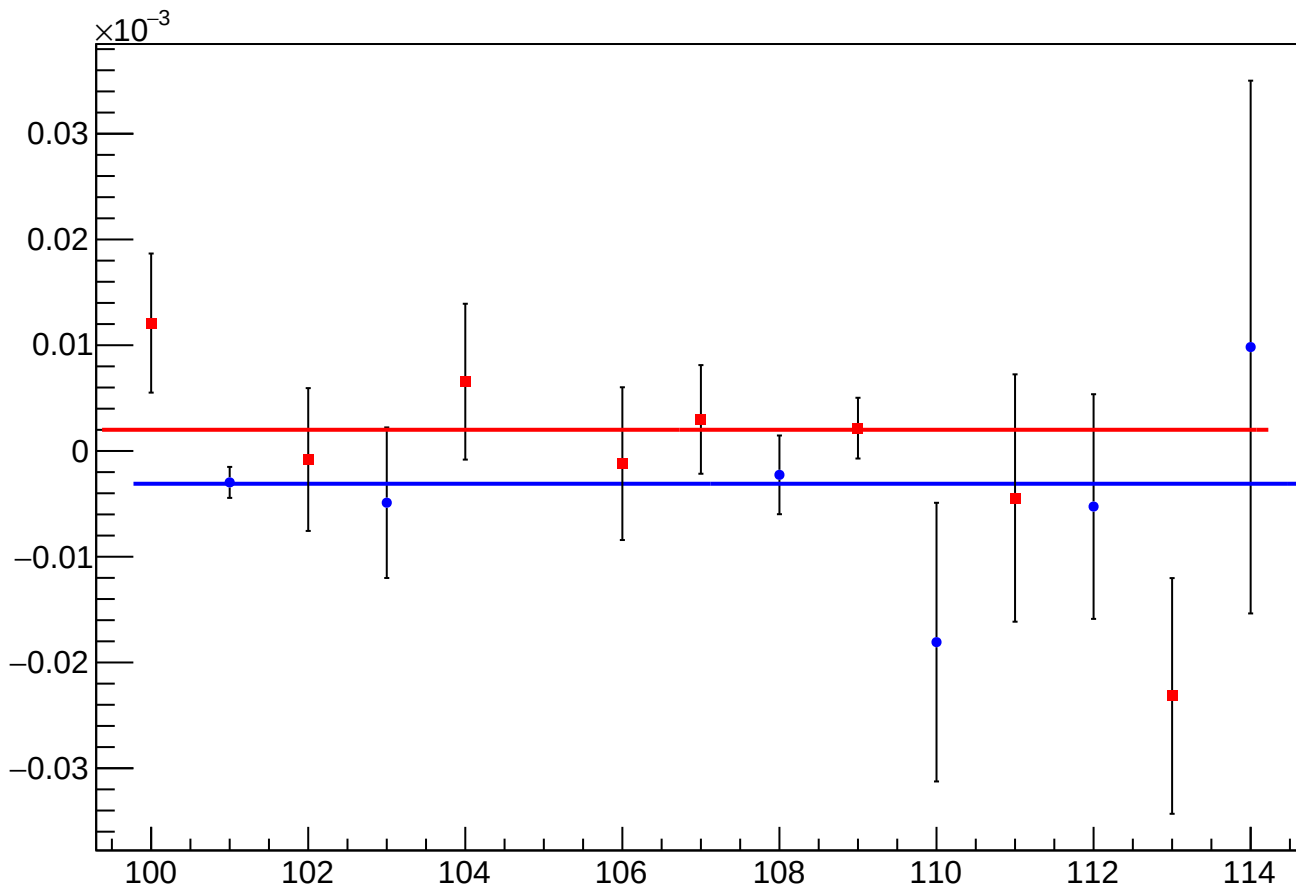
Right: 65.407+/-0.020 χ^2/NDF : 594238.4/13

In: 70.870+/-0.032 χ^2/NDF : 268600.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.407+/-0.020 χ^2/NDF : 594238.4/13

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

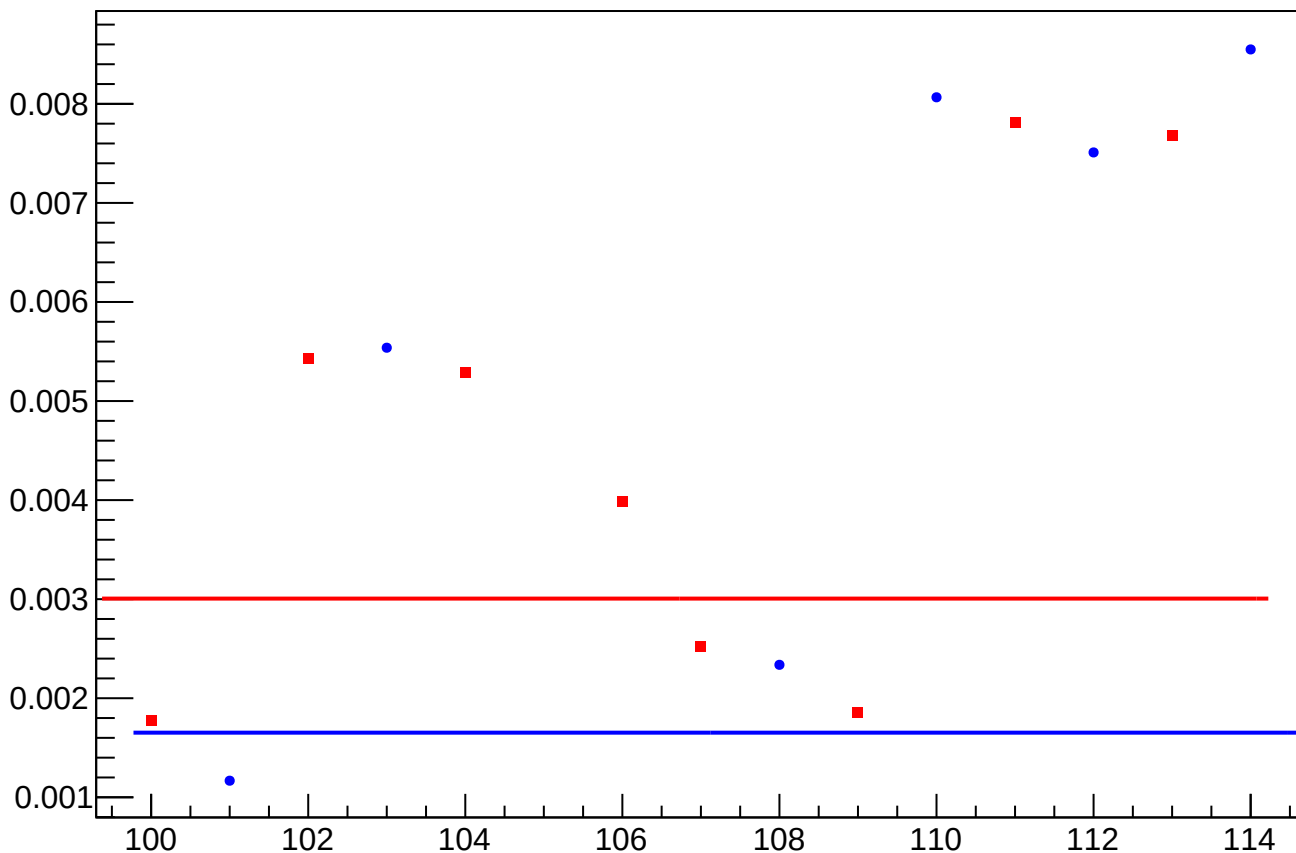
Right: -0.000+/-0.000 χ^2/NDF : 14.9/13

In: -0.000+/-0.000 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/13

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

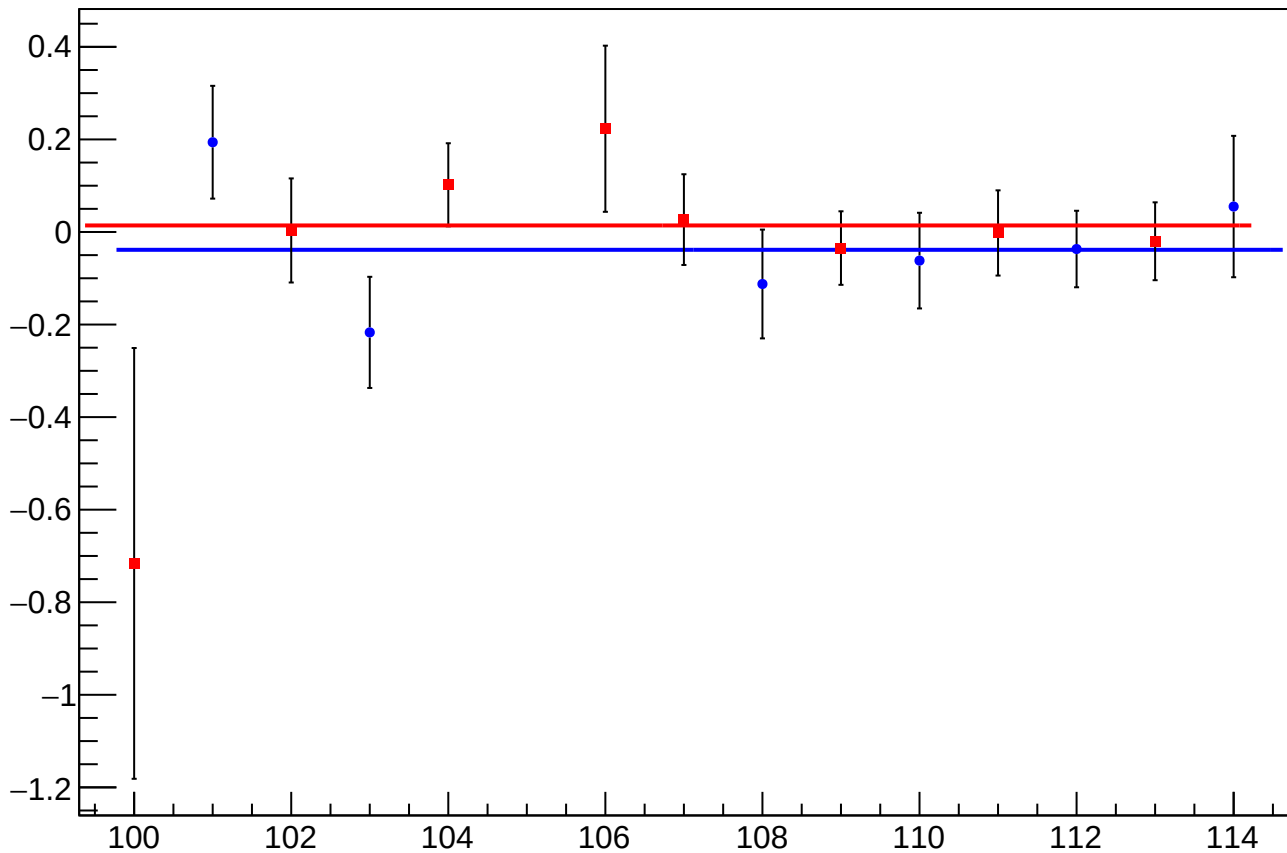
Right: 0.002+/-0.000 χ^2/NDF : 4354959.3/13

In: 0.002+/-0.000 χ^2/NDF :2114630.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4354959.3/13

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

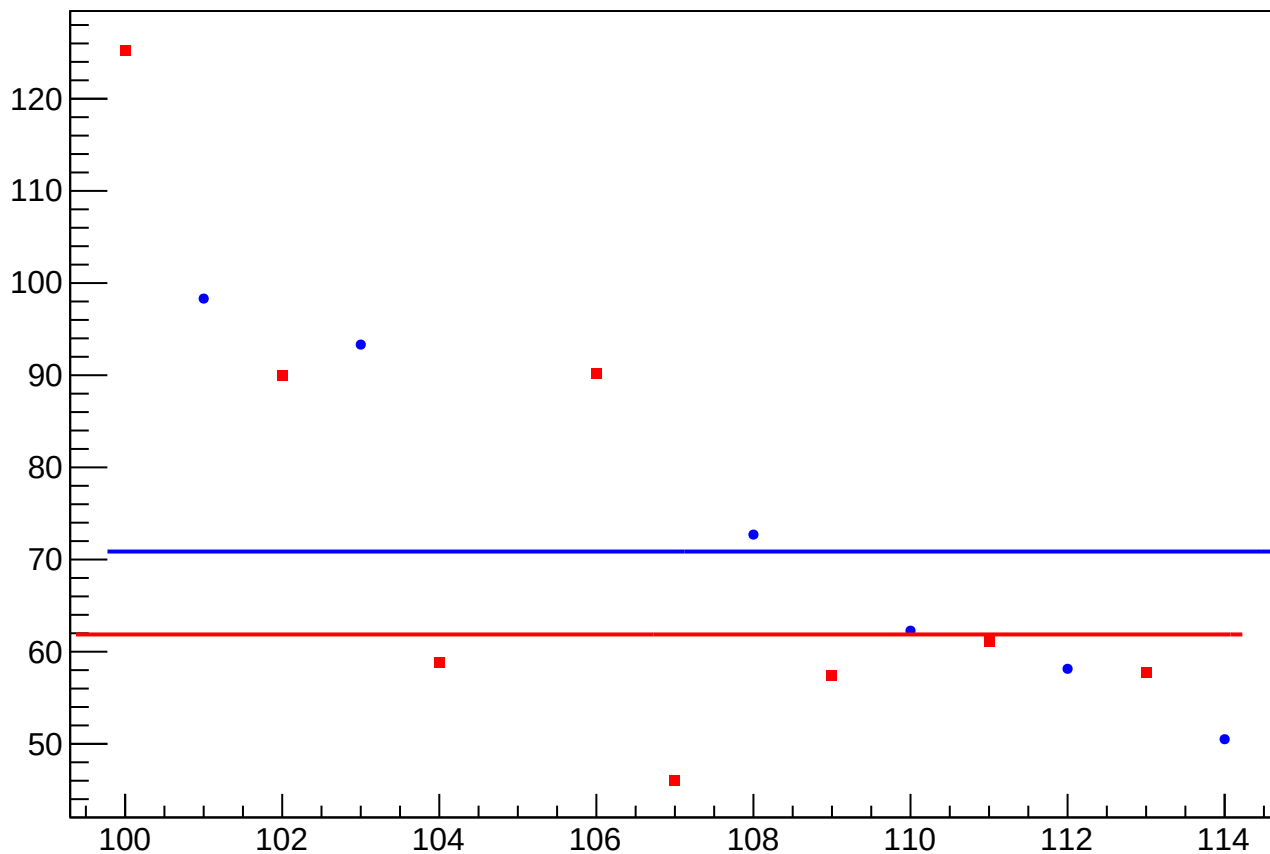
Right: -0.007 ± 0.028 χ^2/NDF : 12.9/13

In: -0.039 ± 0.045 χ^2/NDF : 6.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.028 χ^2/NDF : 12.9/13

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

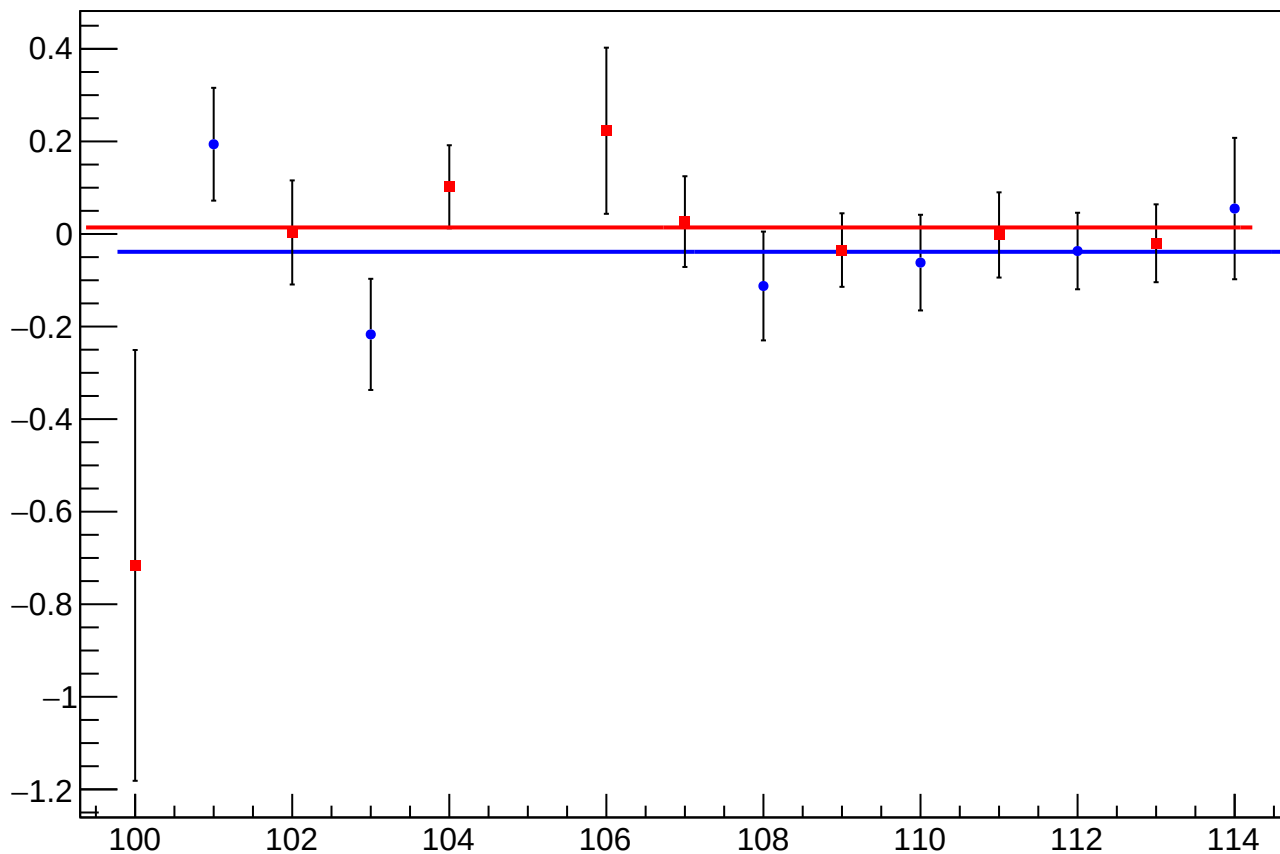
Right: 65.405+/-0.020 χ^2/NDF : 594271.7/13

In: 70.868+/-0.032 χ^2/NDF : 268631.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.405+/-0.020 χ^2/NDF : 594271.7/13

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

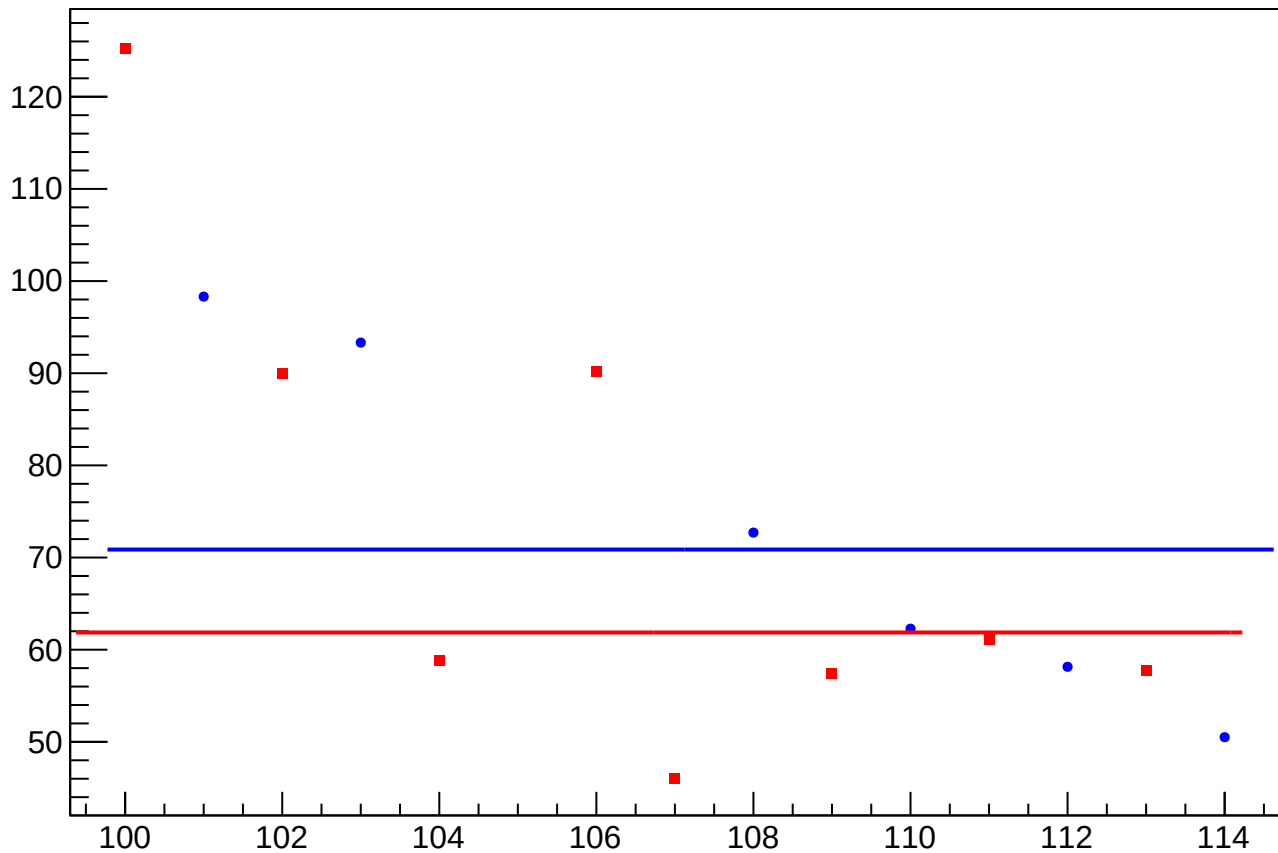
Right: -0.007 $\pm$ 0.028 χ^2 /NDF: 12.9/13

In: -0.039 $\pm$ 0.045 χ^2 /NDF:6.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.028 χ^2 /NDF: 12.9/13

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

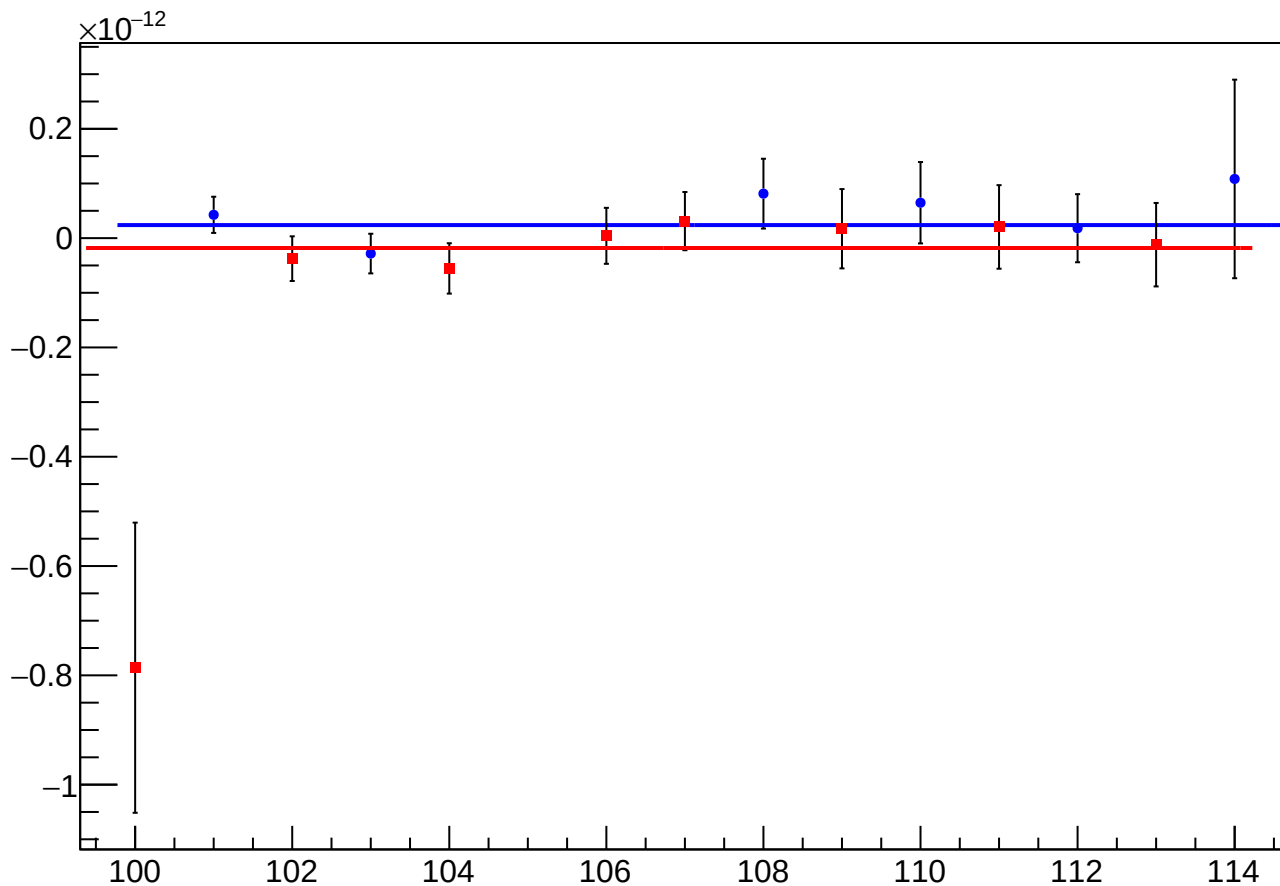
Right: 65.405+/-0.020 χ^2/NDF : 594271.7/13

In: 70.868+/-0.032 χ^2/NDF : 268631.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.405+/-0.020 χ^2/NDF : 594271.7/13

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 10.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

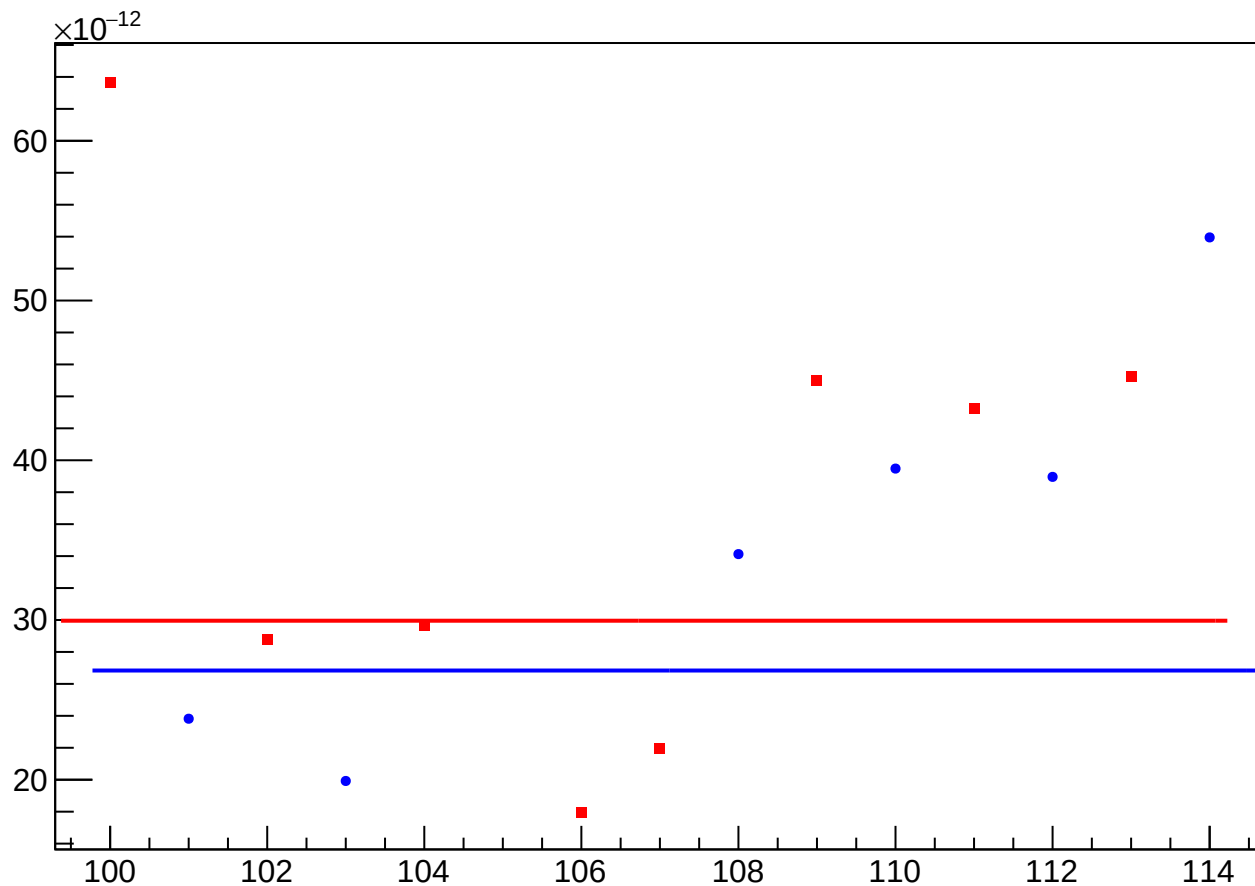
Right: 0.000+/-0.000 χ^2 /NDF: 16.6/13

In: 0.000+/-0.000 χ^2 /NDF:3.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 16.6/13

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

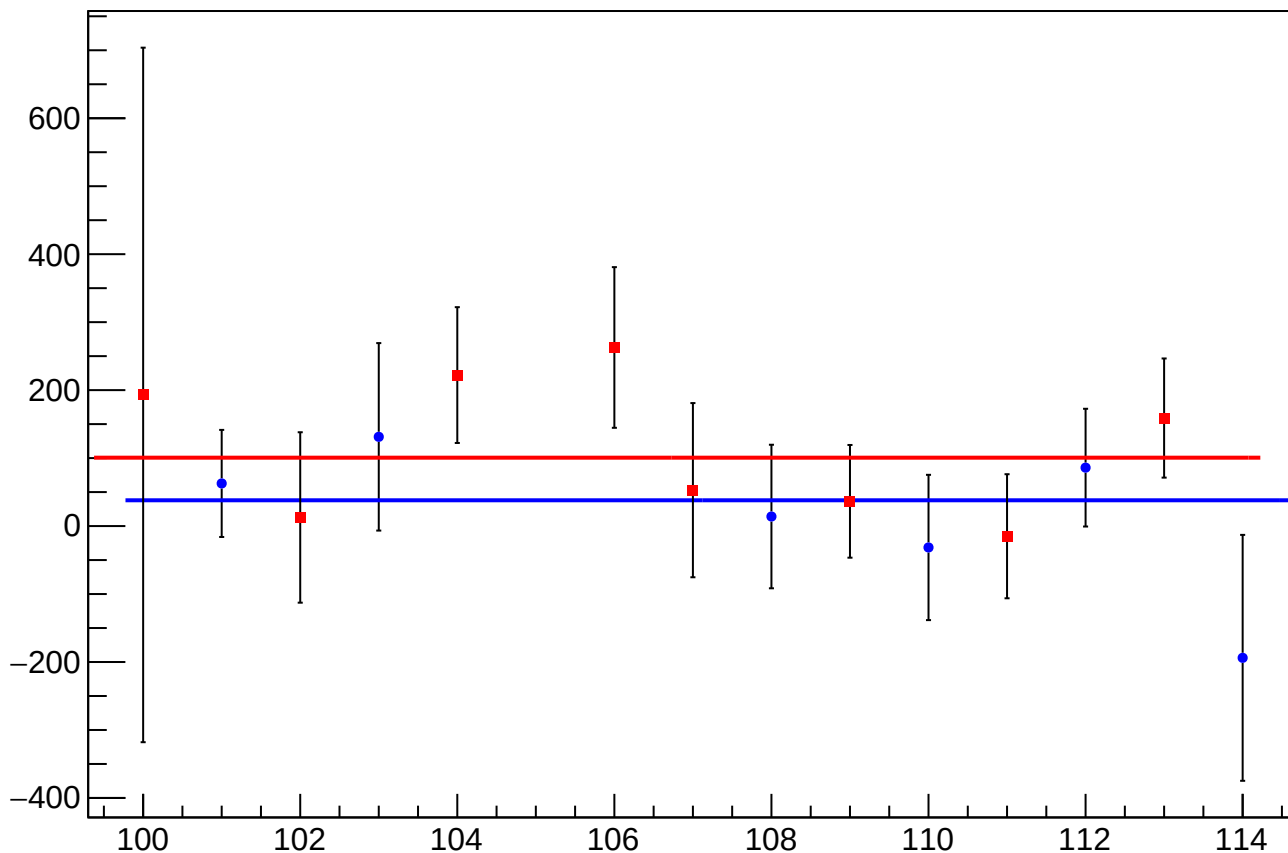
Right: 0.000+/-0.000 χ^2/NDF : 730966.7/13

In: 0.000+/-0.000 χ^2/NDF : 293327.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 730966.7/13

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 37.929+/-42.454 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.615+/-37.910 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

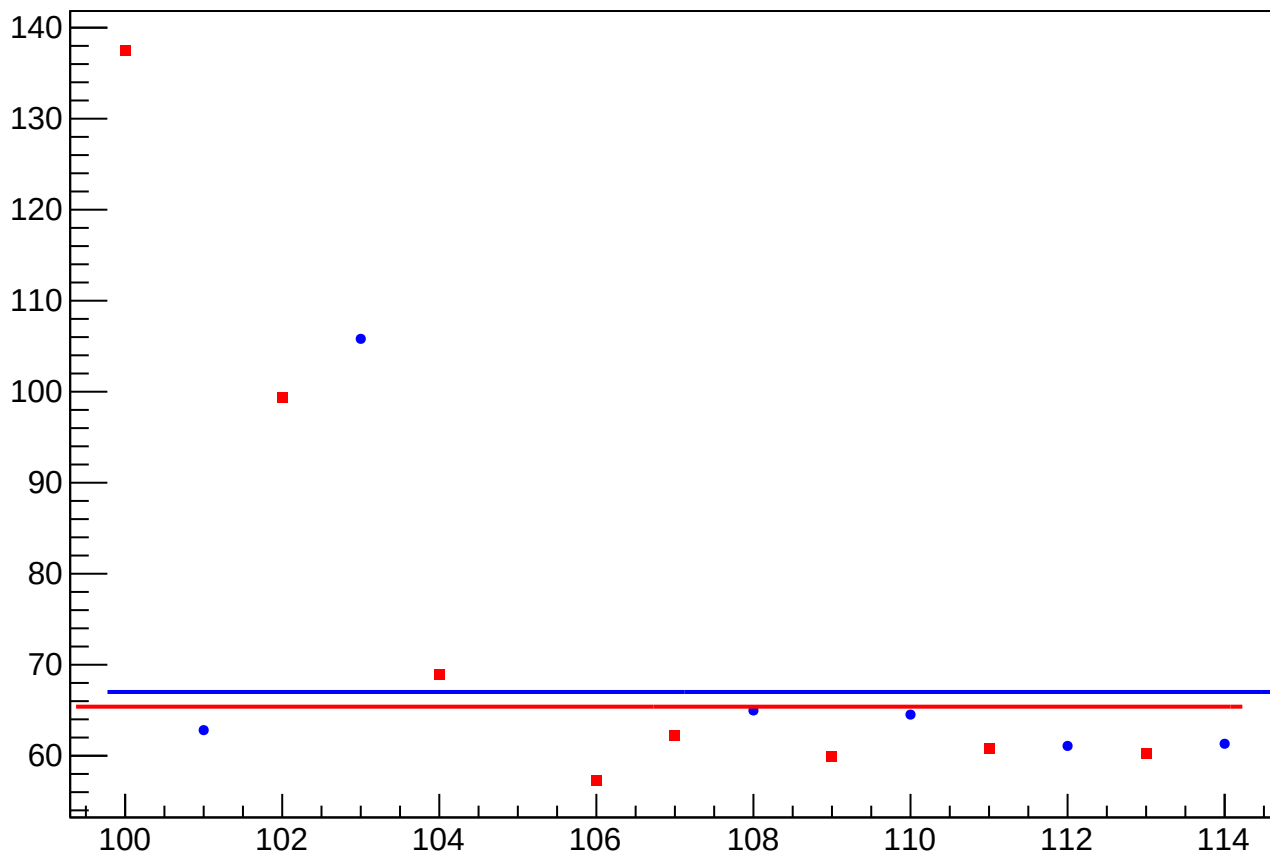
Right: 72.805+/-28.277 χ^2/NDF : 10.9/13

In: 37.929+/-42.454 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.805+/-28.277 χ^2/NDF : 10.9/13

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.008+/-0.030 χ^2/NDF : 177169.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.392+/-0.027 χ^2/NDF : 219914.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

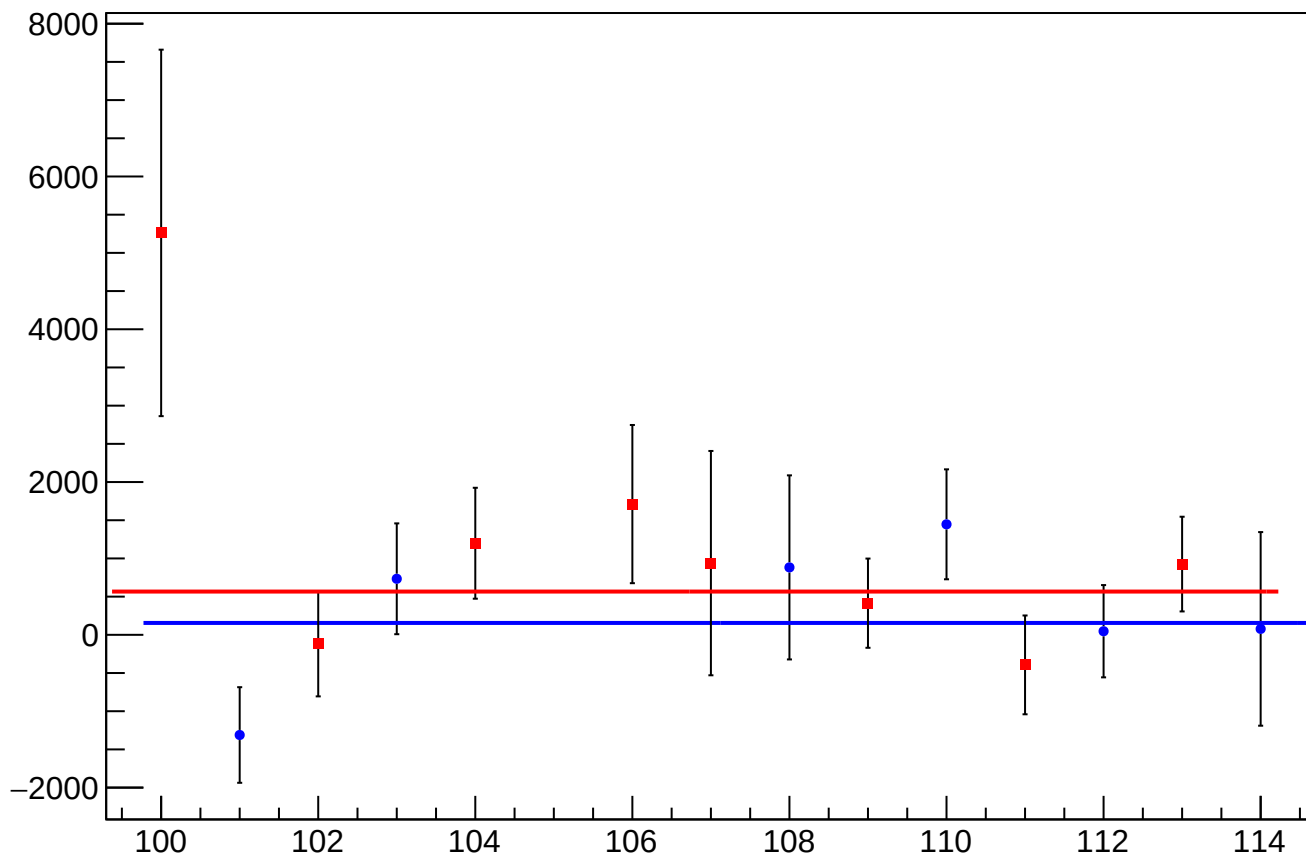
Right: 66.109+/-0.020 χ^2/NDF : 398693.9/13

In: 67.008+/-0.030 χ^2/NDF : 177169.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.109+/-0.020 χ^2/NDF : 398693.9/13

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

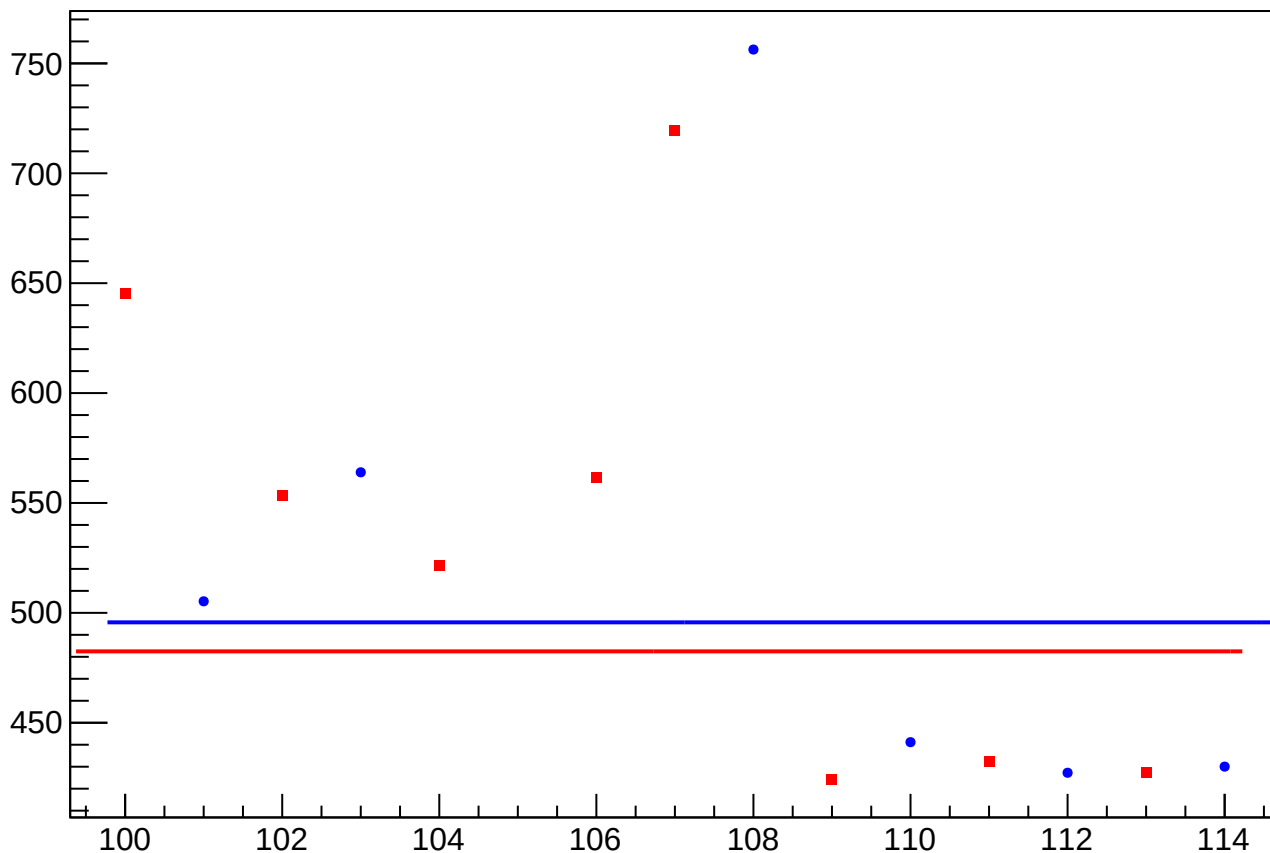
Right: 387.383+/-204.339 χ^2/NDF : 20.2/13

In: 155.657+/-309.534 χ^2/NDF : 9.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.383+/-204.339 χ^2/NDF : 20.2/13

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

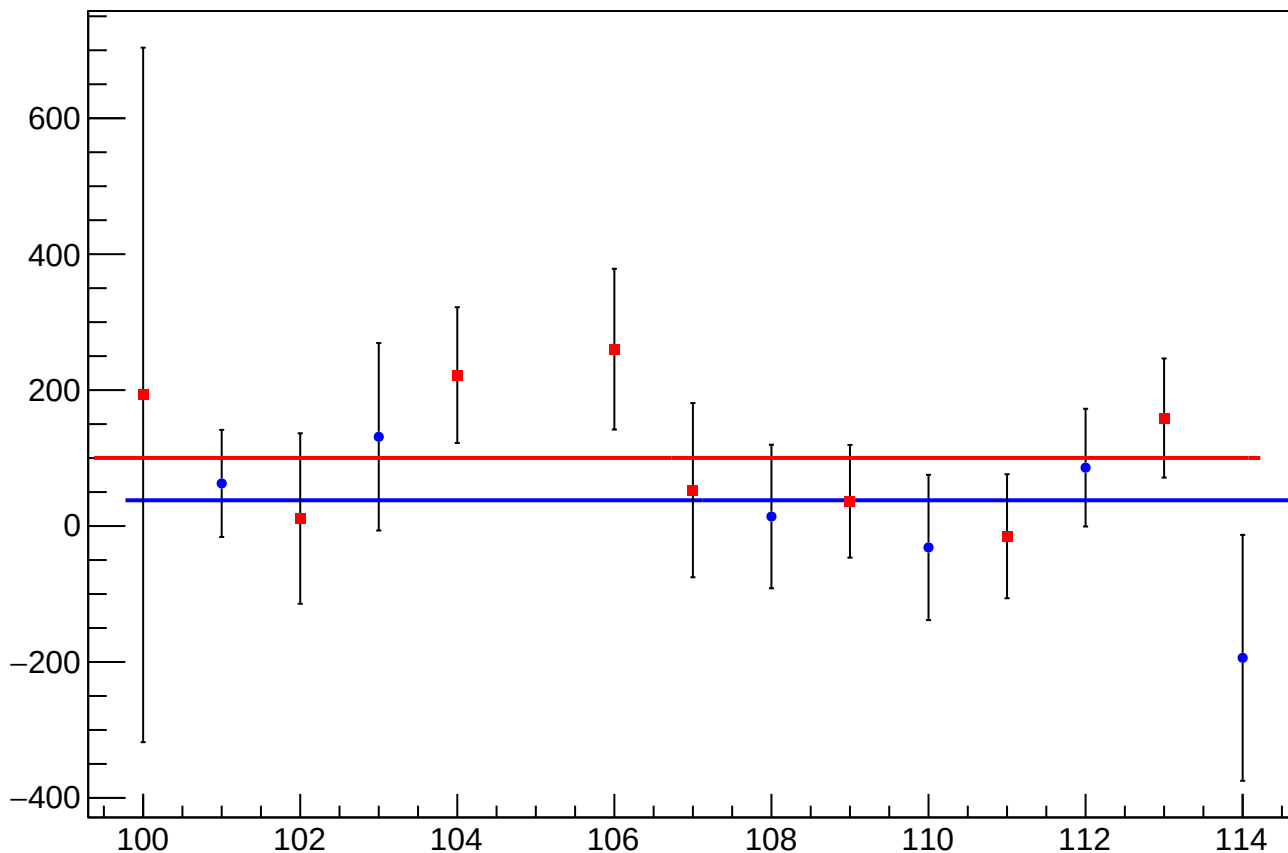
Right: 488.230 $\pm$ 0.144 χ^2 /NDF: 304419.6/13

In: 495.682 $\pm$ 0.219 χ^2 /NDF:154276.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 488.230 $\pm$ 0.144 χ^2 /NDF: 304419.6/13

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 37.924+/-42.454 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.194+/-37.914 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

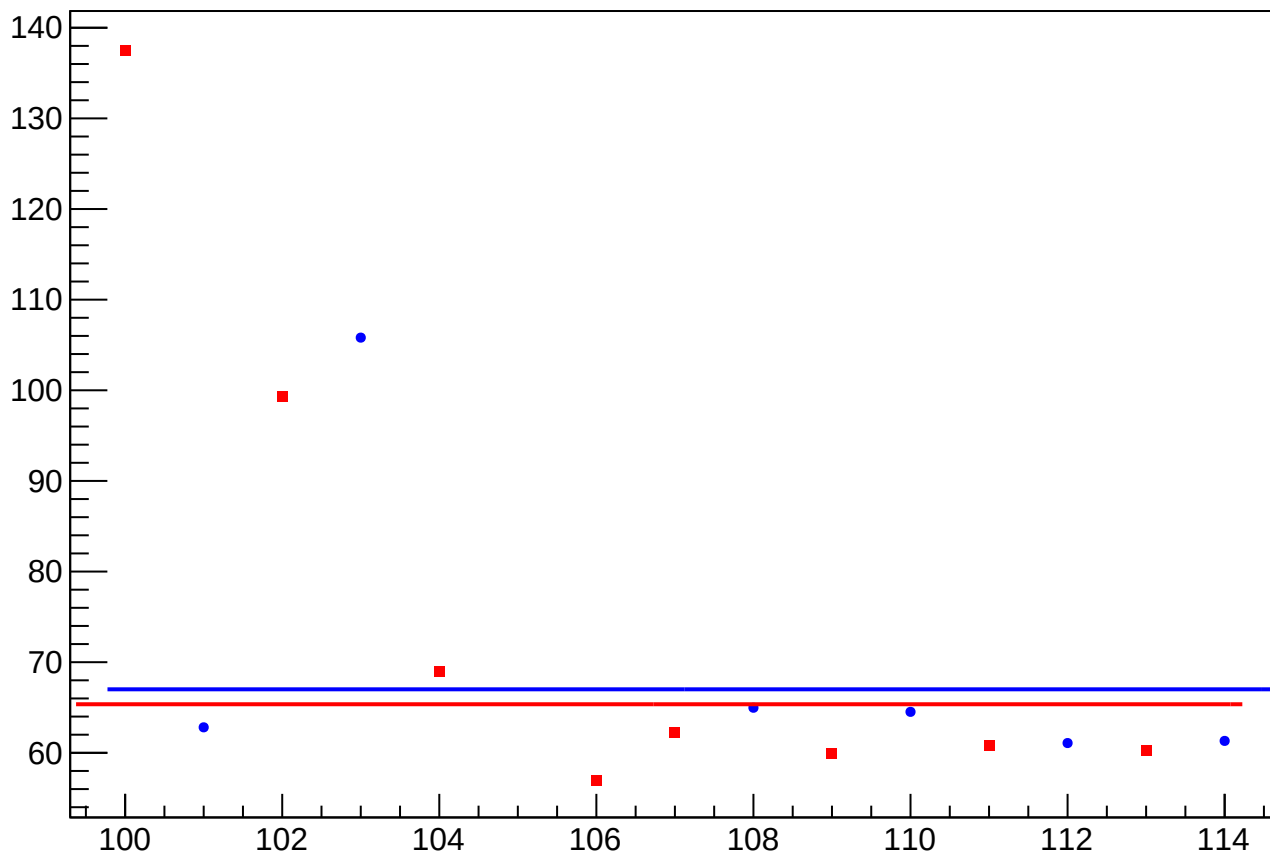
Right: 72.566+/-28.278 χ^2/NDF : 10.8/13

In: 37.924+/-42.454 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.566+/-28.278 χ^2/NDF : 10.8/13

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.008+/-0.030 χ^2/NDF : 177172.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.360+/-0.027 χ^2/NDF : 220931.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

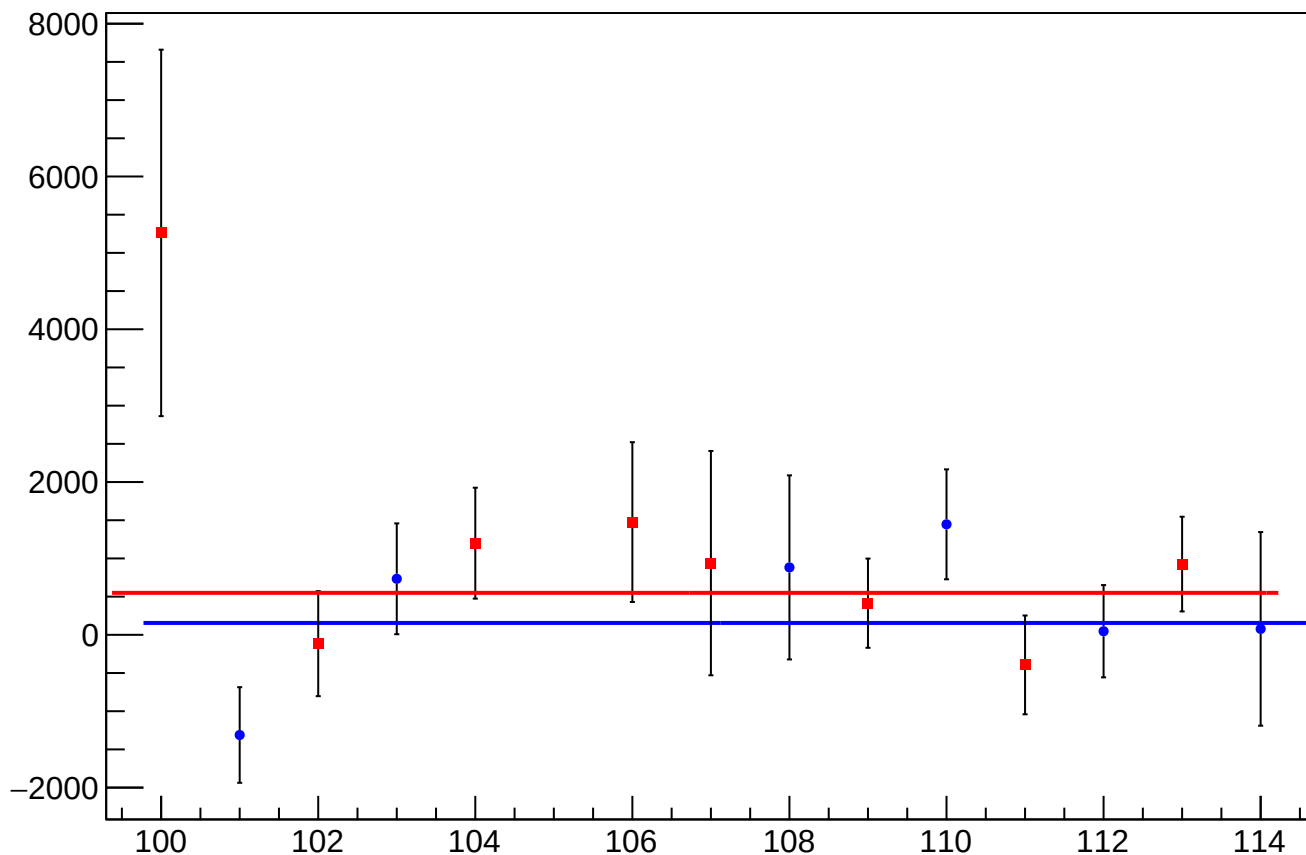
Right: 66.091+/-0.020 χ^2/NDF : 399779.8/13

In: 67.008+/-0.030 χ^2/NDF : 177172.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.091+/-0.020 χ^2/NDF : 399779.8/13

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 155.620+/-309.539 χ^2/NDF : 9.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.532+/-272.261 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

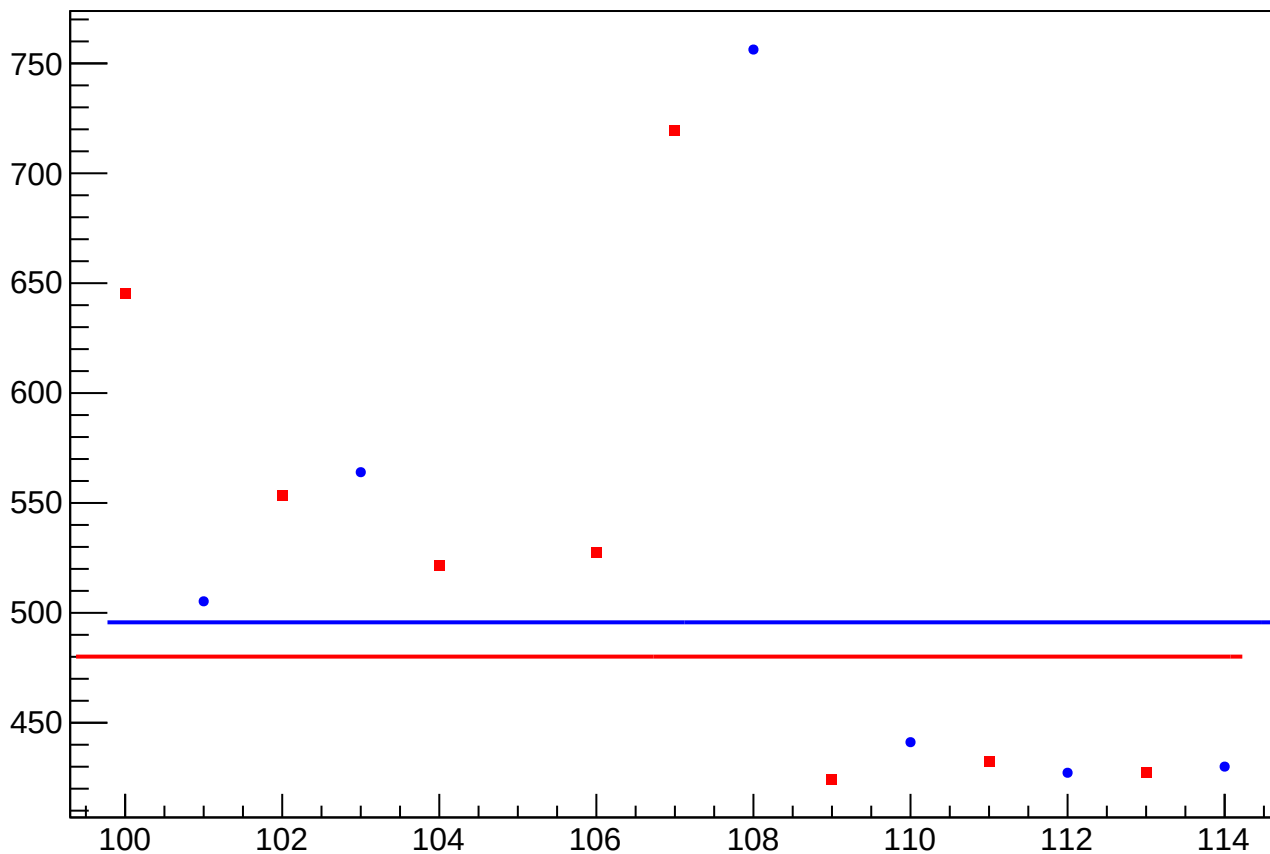
Right: 377.712+/-204.434 χ^2/NDF : 19.7/13

In: 155.620+/-309.539 χ^2/NDF : 9.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.712+/-204.434 χ^2/NDF : 19.7/13

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

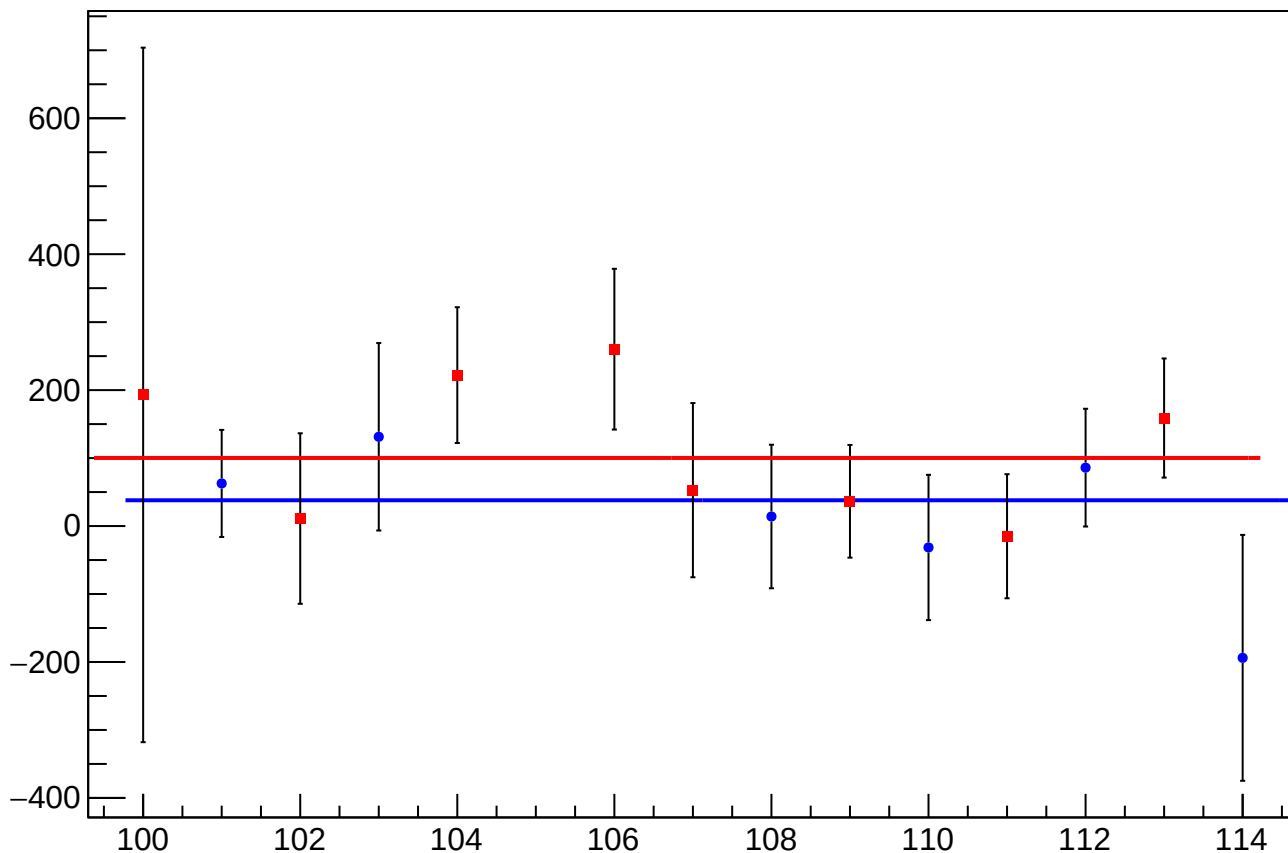
Right: 486.897 $\pm$ 0.145 χ^2 /NDF: 297325.6/13

In: 495.690 $\pm$ 0.219 χ^2 /NDF:154301.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 486.897 $\pm$ 0.145 χ^2 /NDF: 297325.6/13

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 37.924+/-42.454 χ^2/NDF : 3.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.194+/-37.914 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

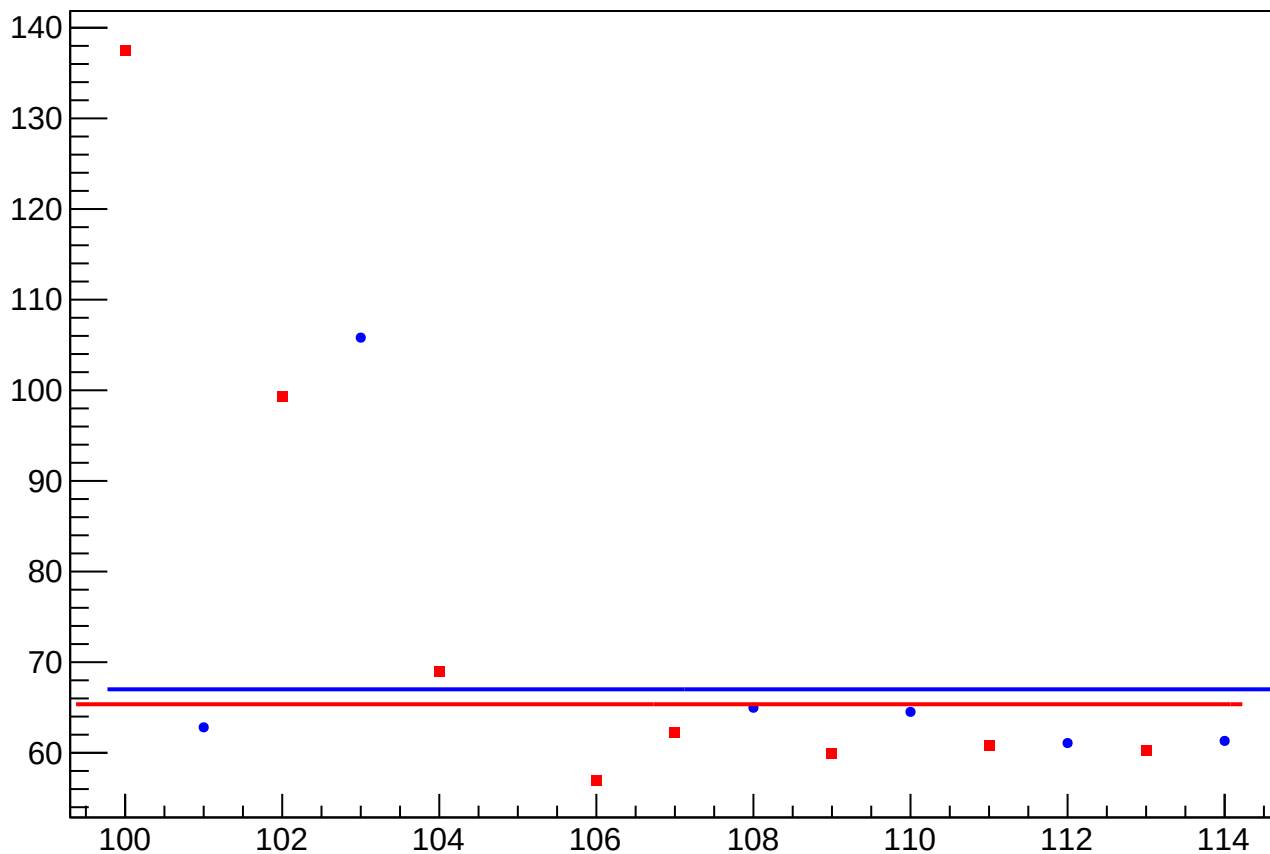
Right: 72.566+/-28.278 χ^2/NDF : 10.8/13

In: 37.924+/-42.454 χ^2/NDF : 3.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.566+/-28.278 χ^2/NDF : 10.8/13

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

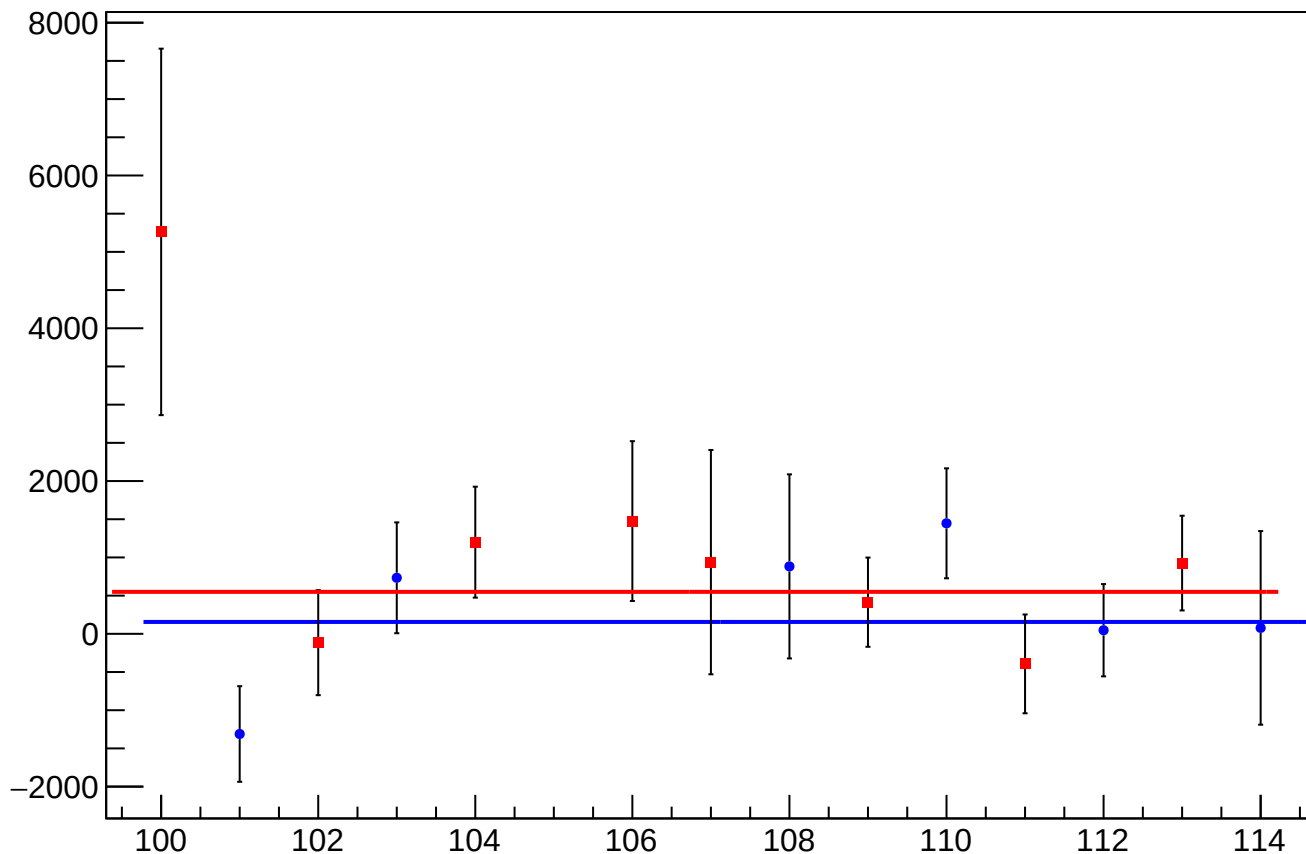
Right: 66.091 $\pm$ 0.020 χ^2 /NDF: 399779.8/13

In: 67.008 $\pm$ 0.030 χ^2 /NDF:177172.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.091 $\pm$ 0.020 χ^2 /NDF: 399779.8/13

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 155.620+/-309.539 χ^2/NDF : 9.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.532+/-272.261 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

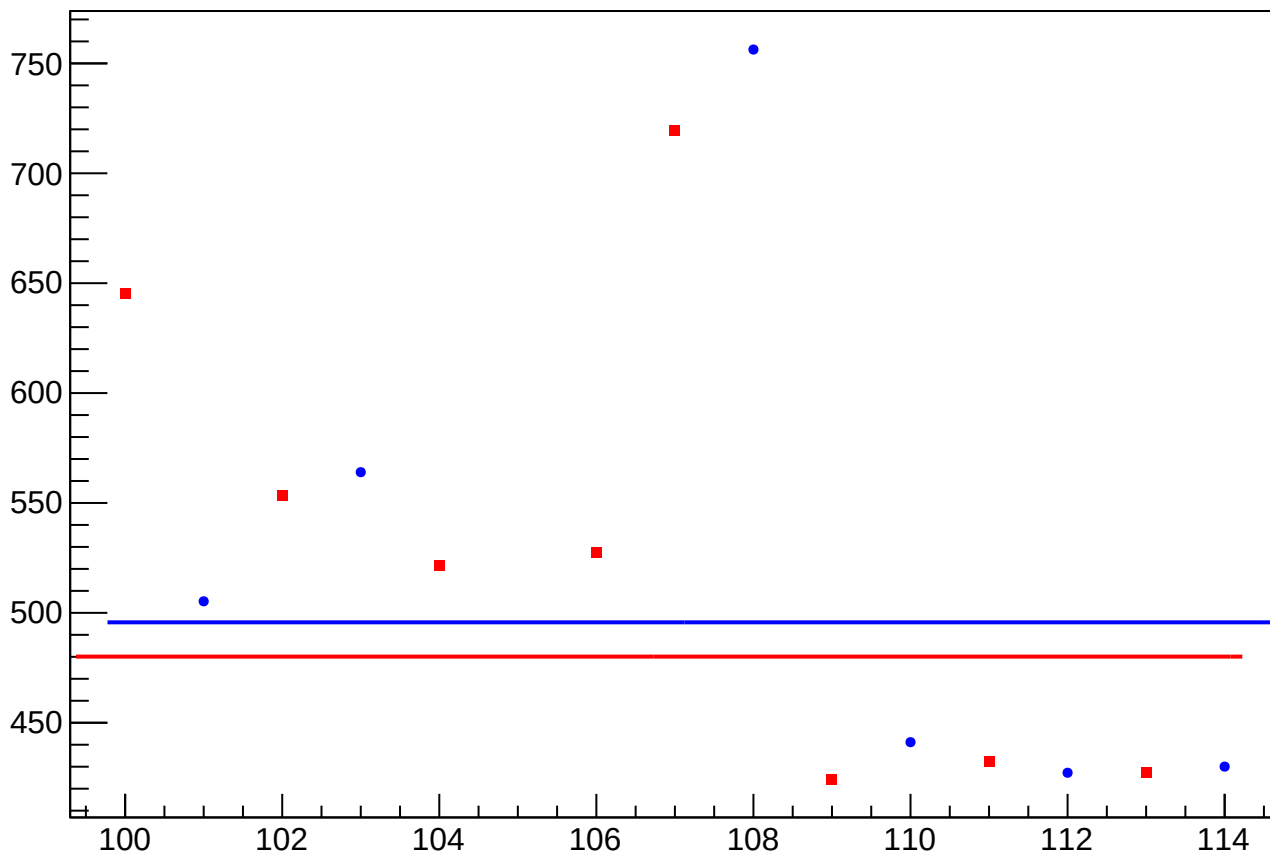
Right: 377.712+/-204.434 χ^2/NDF : 19.7/13

In: 155.620+/-309.539 χ^2/NDF : 9.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.712+/-204.434 χ^2/NDF : 19.7/13

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 495.690+/-0.219 χ^2/NDF : 154301.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.095+/-0.193 χ^2/NDF : 140162.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

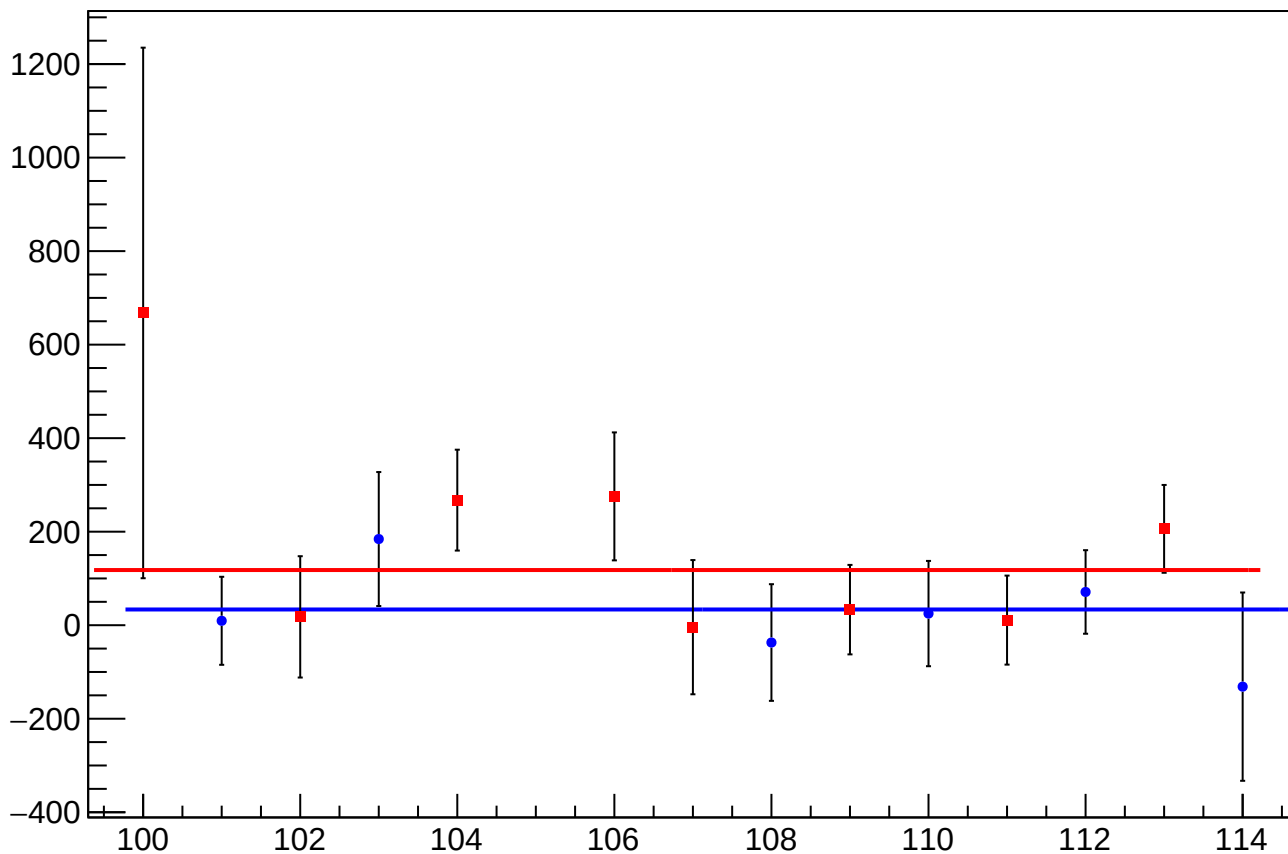
Right: 486.897+/-0.145 χ^2/NDF : 297325.6/13

In: 495.690+/-0.219 χ^2/NDF : 154301.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.897+/-0.145 χ^2/NDF : 297325.6/13

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 33.627+/-46.896 χ^2 /NDF: 2.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 117.973+/-41.400 χ^2 /NDF: 8.4/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

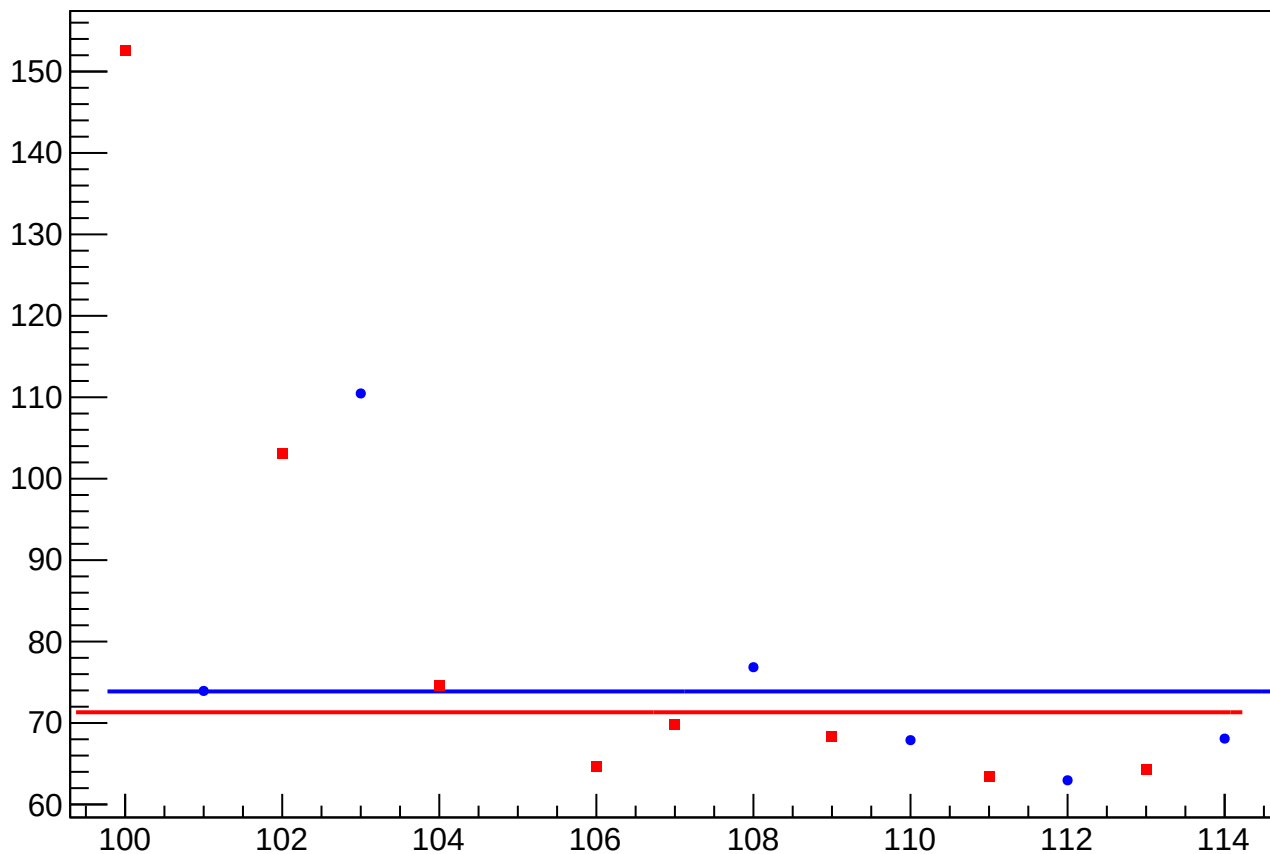
Right: 81.031+/-31.036 χ^2 /NDF: 12.6/13

In: 33.627+/-46.896 χ^2 /NDF: 2.3/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 81.031+/-31.036 χ^2 /NDF: 12.6/13

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

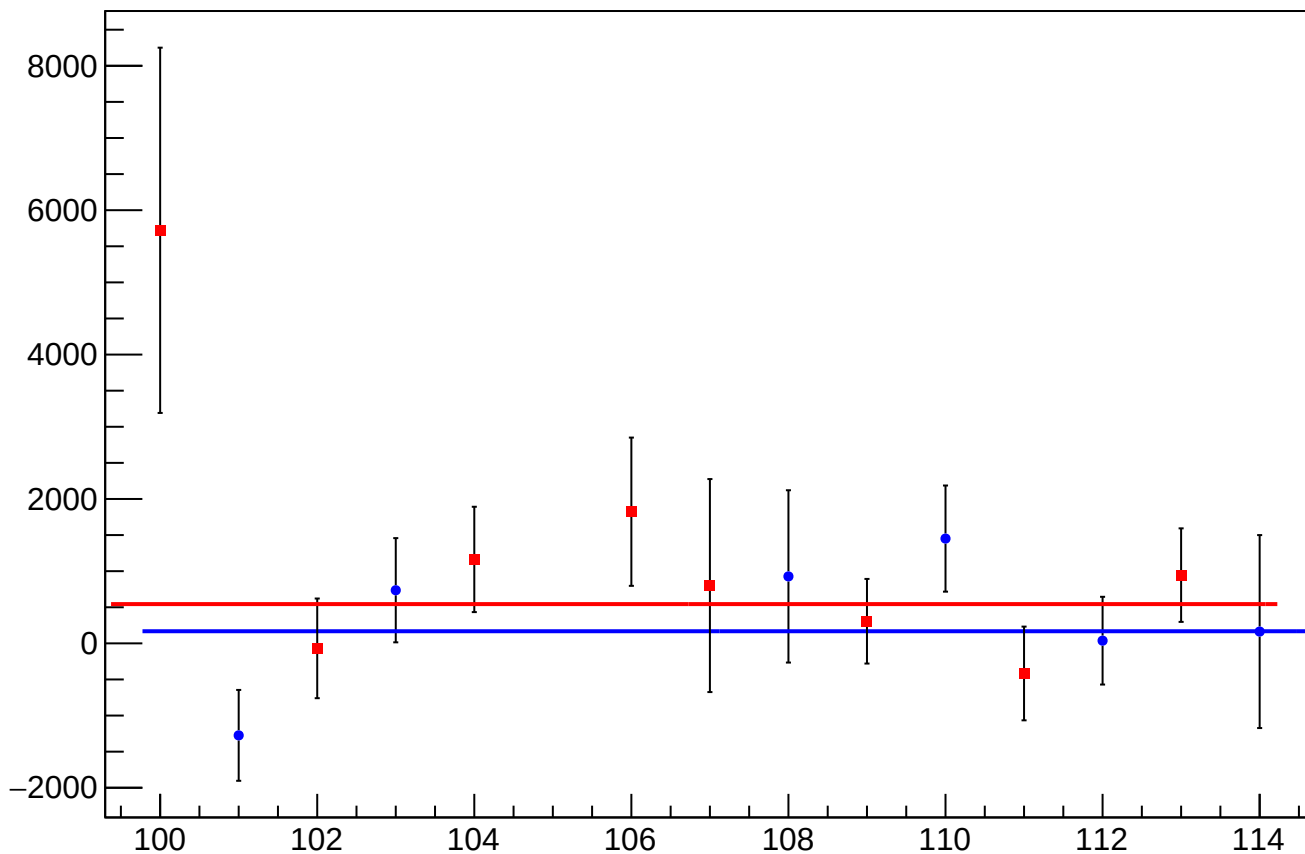
Right: 72.438+/-0.022 χ^2/NDF : 366215.7/13

In: 73.875+/-0.033 χ^2/NDF : 168751.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.438+/-0.022 χ^2/NDF : 366215.7/13

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 167.935+/-312.119 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.906+/-275.139 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

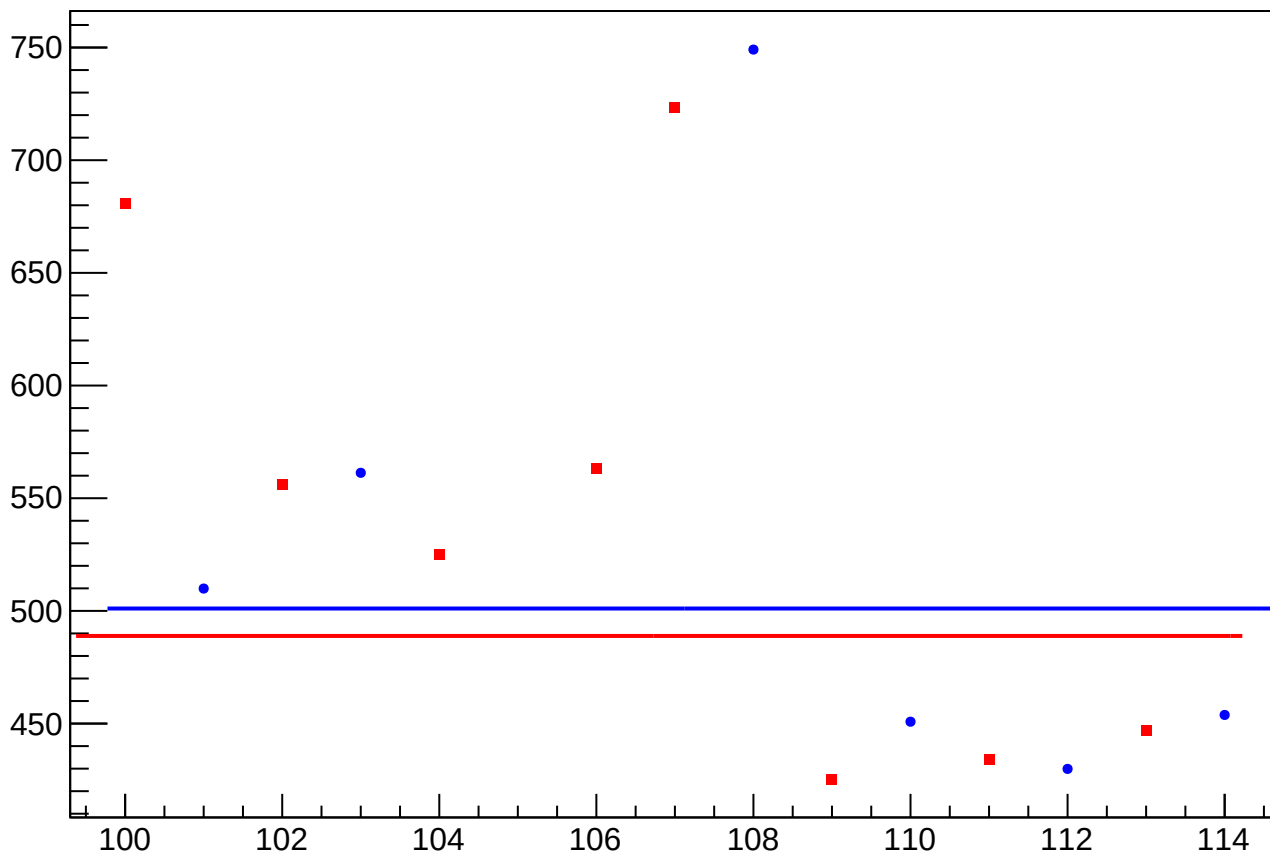
Right: 379.503+/-206.395 χ^2/NDF : 20.2/13

In: 167.935+/-312.119 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.503+/-206.395 χ^2/NDF : 20.2/13

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

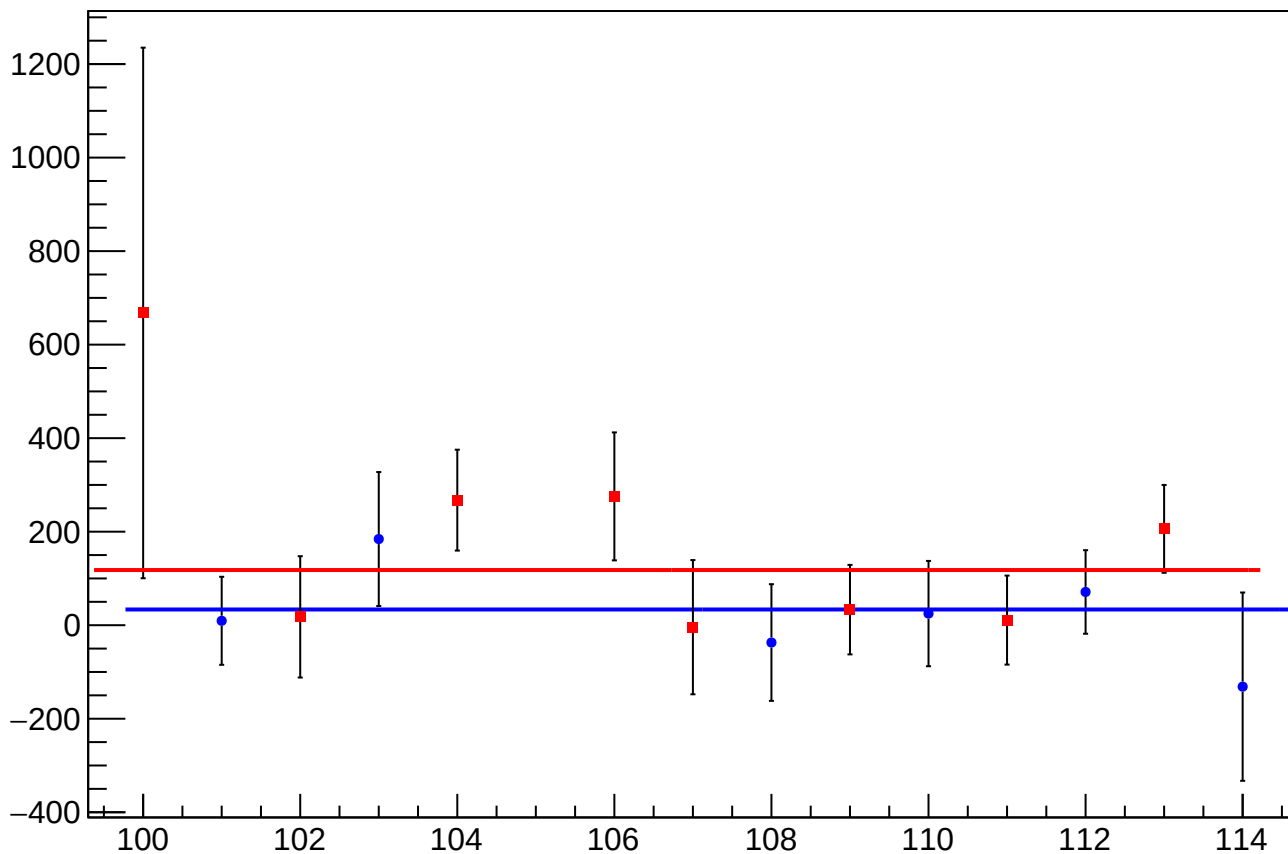
Right: 494.207+/-0.146 χ^2/NDF : 284632.1/13

In: 501.057+/-0.221 χ^2/NDF : 139970.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.207+/-0.146 χ^2/NDF : 284632.1/13

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 33.628 $\pm$ 46.896 χ^2 /NDF: 2.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.972 $\pm$ 41.400 χ^2 /NDF: 8.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

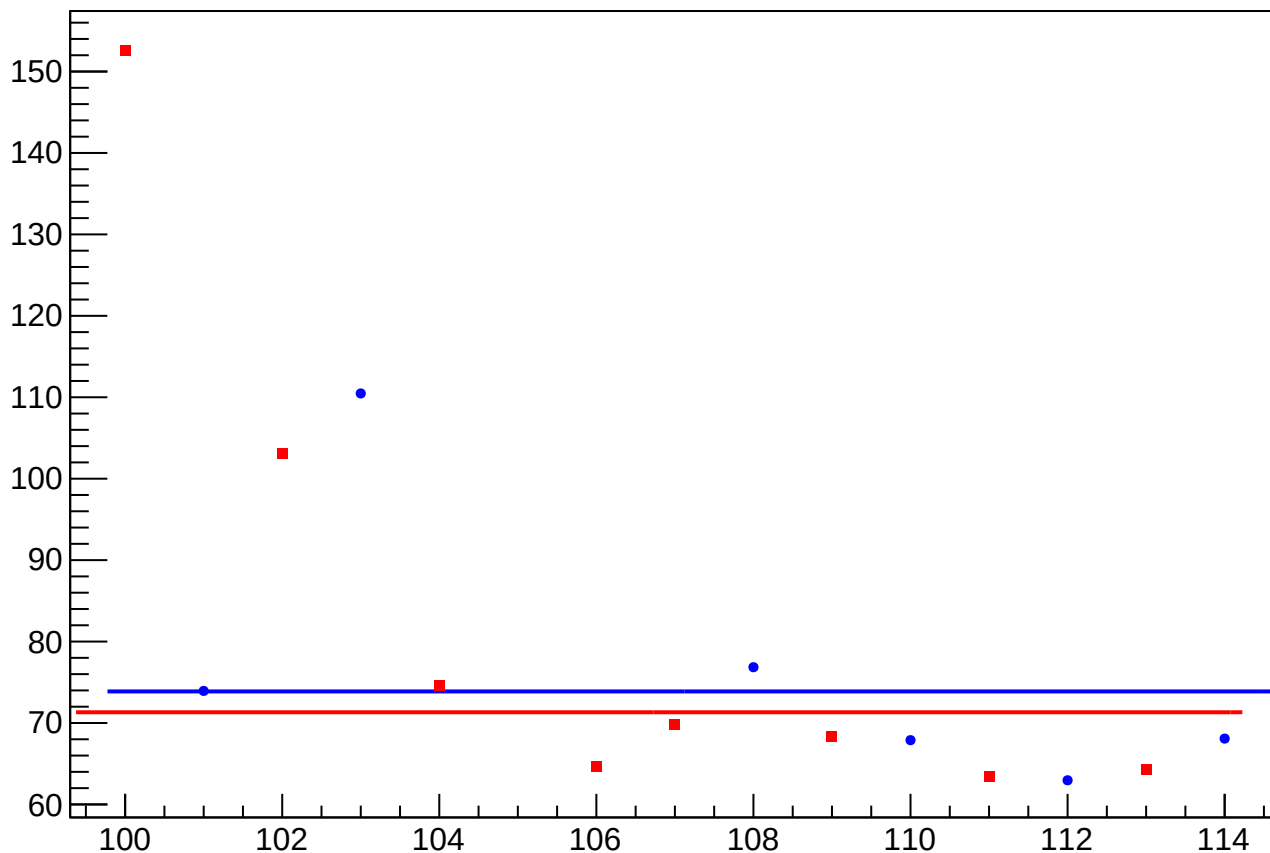
Right: 81.031 $\pm$ 31.036 χ^2 /NDF: 12.6/13

In: 33.628 $\pm$ 46.896 χ^2 /NDF: 2.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.031 $\pm$ 31.036 χ^2 /NDF: 12.6/13

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

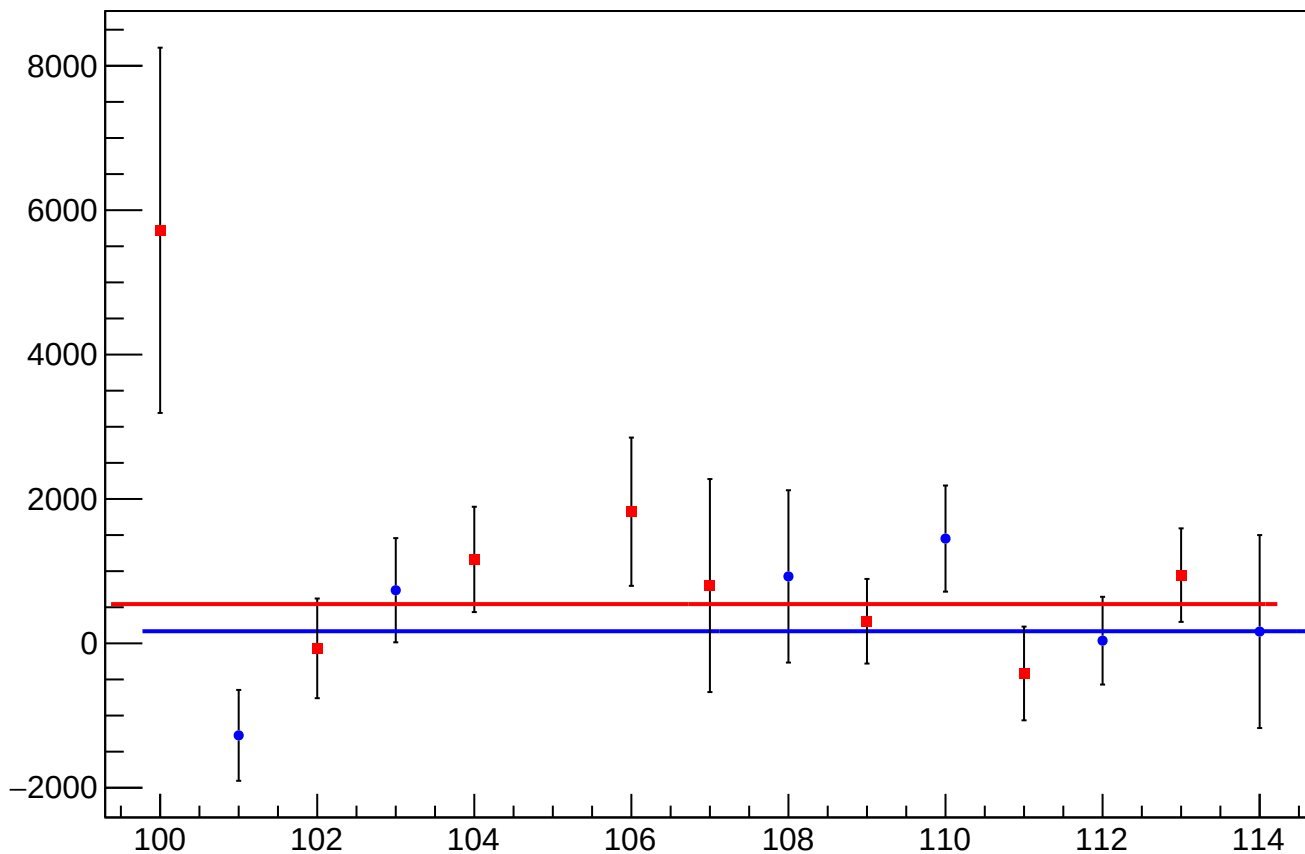
Right: 72.438+/-0.022 χ^2/NDF : 366218.1/13

In: 73.875+/-0.033 χ^2/NDF : 168752.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.438+/-0.022 χ^2/NDF : 366218.1/13

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 167.935+/-312.119 χ^2/NDF : 9.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.904+/-275.138 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

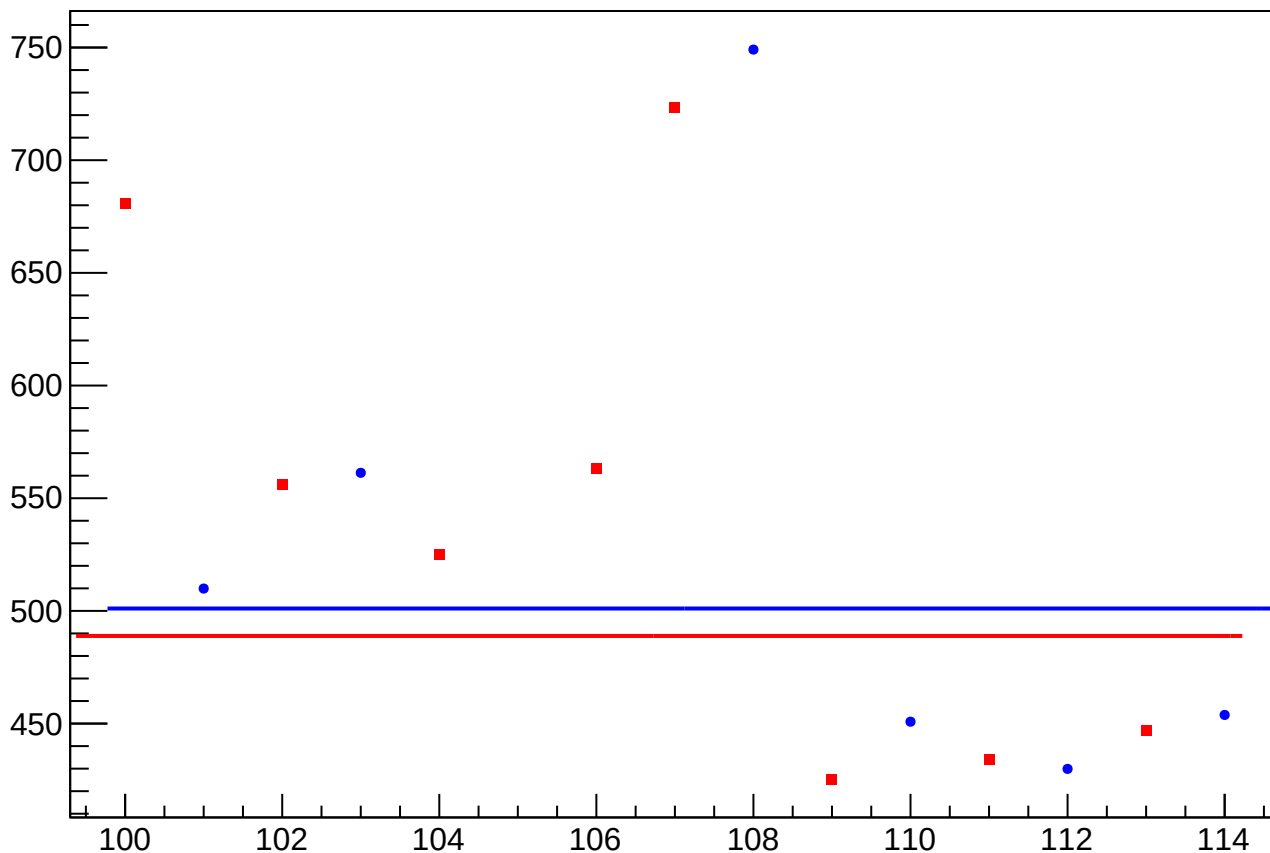
Right: 379.502+/-206.395 χ^2/NDF : 20.2/13

In: 167.935+/-312.119 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.502+/-206.395 χ^2/NDF : 20.2/13

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 501.057+/-0.221 χ^2/NDF : 139970.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.883+/-0.195 χ^2/NDF : 142951.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

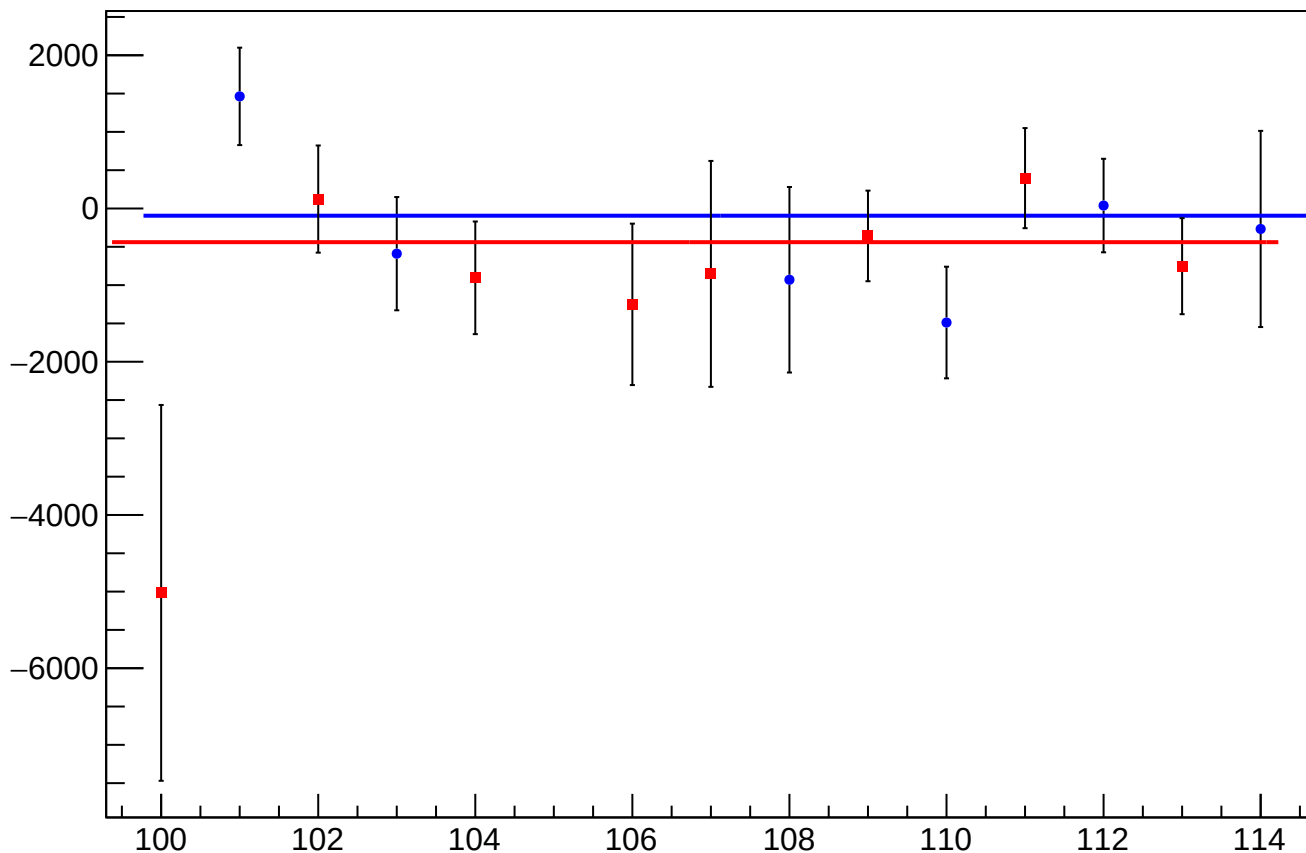
Right: 494.206+/-0.146 χ^2/NDF : 284634.1/13

In: 501.057+/-0.221 χ^2/NDF : 139970.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.206+/-0.146 χ^2/NDF : 284634.1/13

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

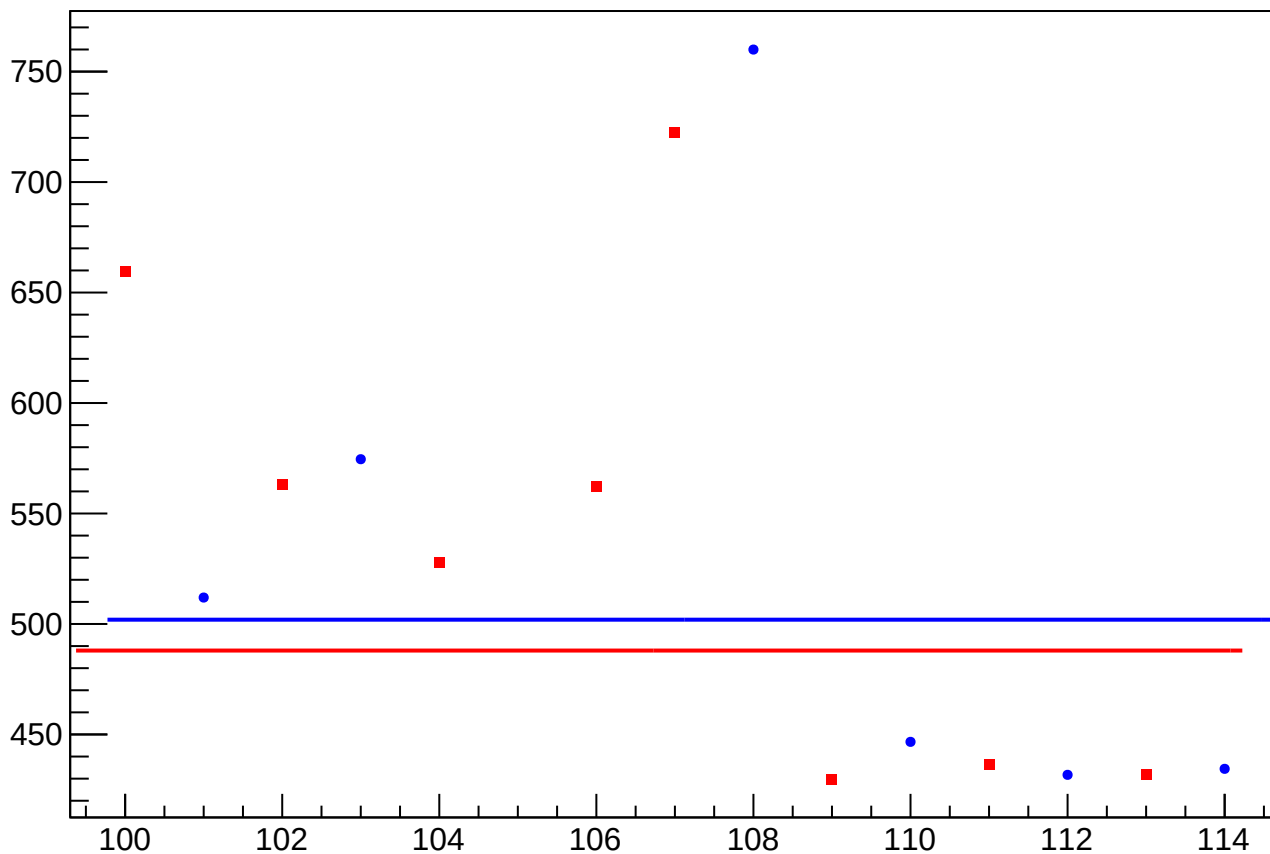
Right: -289.037 ± 206.996 χ^2/NDF : 18.4/13

In: -94.067 ± 313.653 χ^2/NDF : 10.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -289.037 ± 206.996 χ^2/NDF : 18.4/13

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 501.942+/-0.222 χ^2/NDF : 154194.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.972+/-0.195 χ^2/NDF : 147333.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

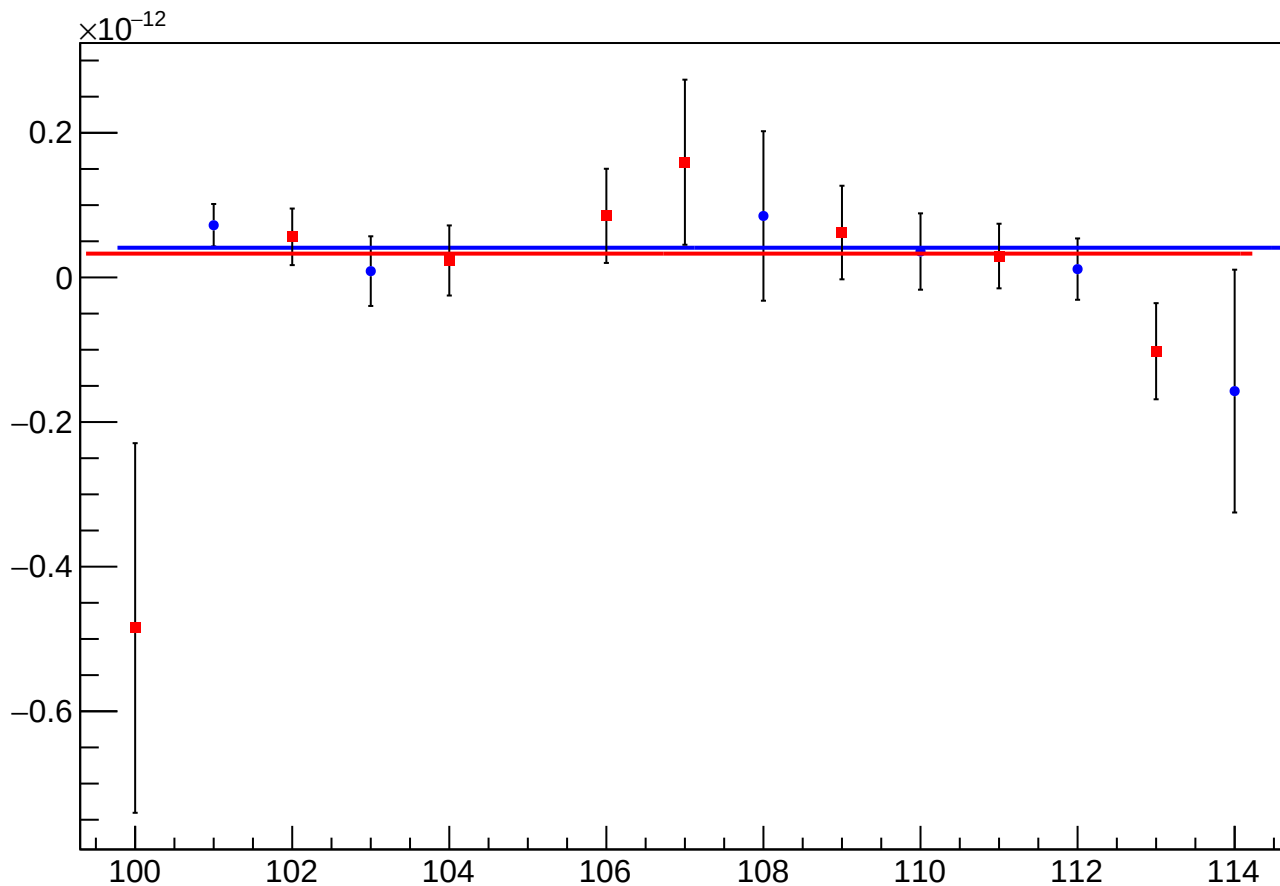
Right: 494.056+/-0.146 χ^2/NDF : 303767.0/13

In: 501.942+/-0.222 χ^2/NDF : 154194.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.056+/-0.146 χ^2/NDF : 303767.0/13

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 10.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

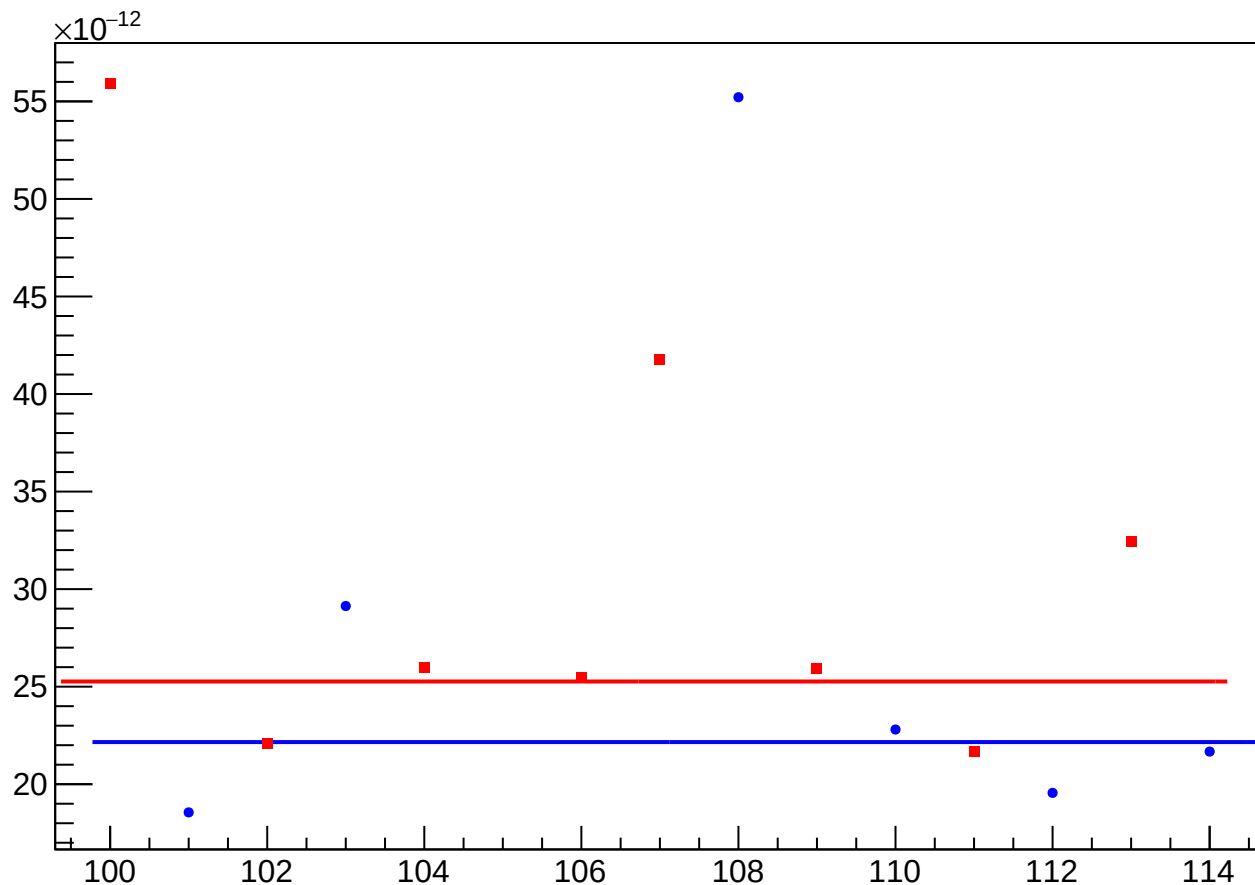
Right: 0.000+/-0.000 χ^2/NDF : 14.4/13

In: 0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/13

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

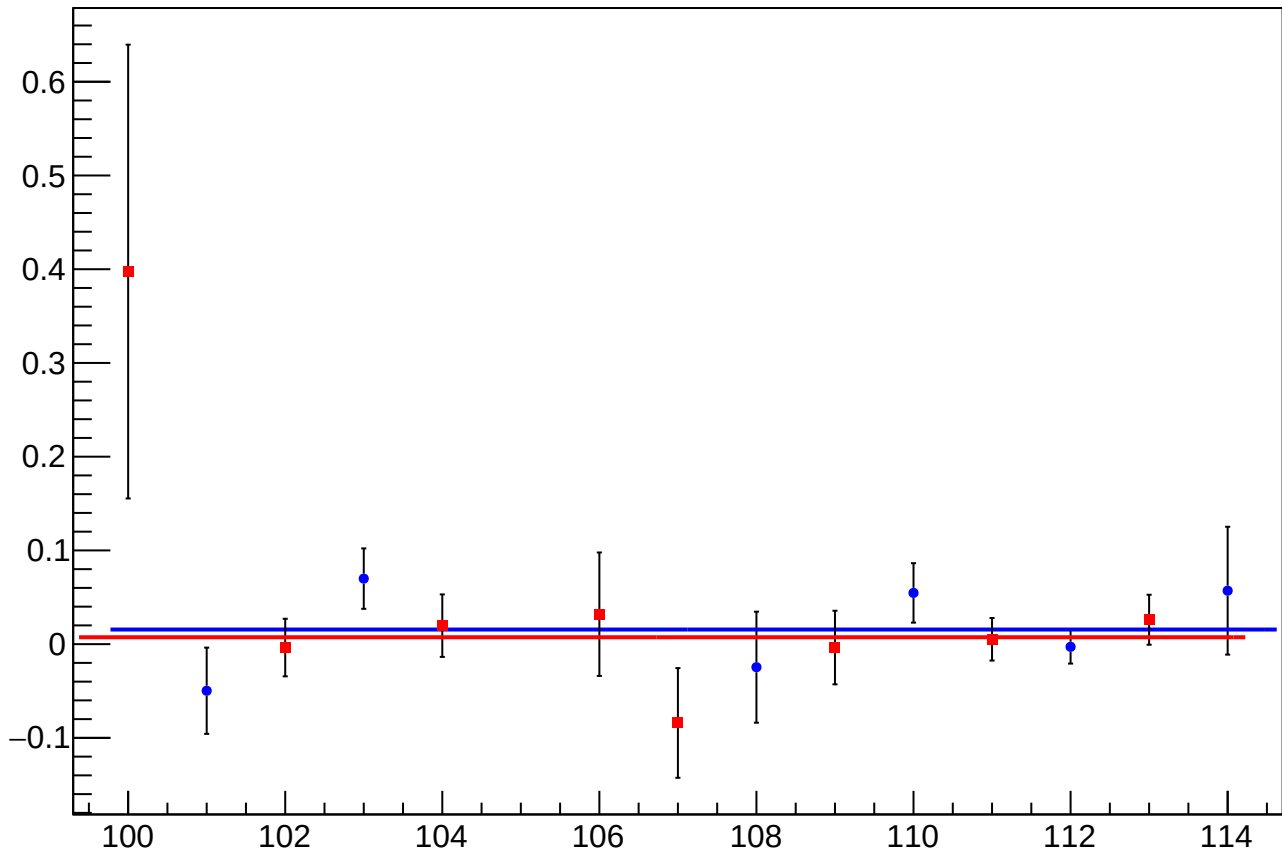
Right: 0.000+/-0.000 χ^2/NDF : 383619.0/13

In: 0.000+/-0.000 χ^2/NDF : 238970.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383619.0/13

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

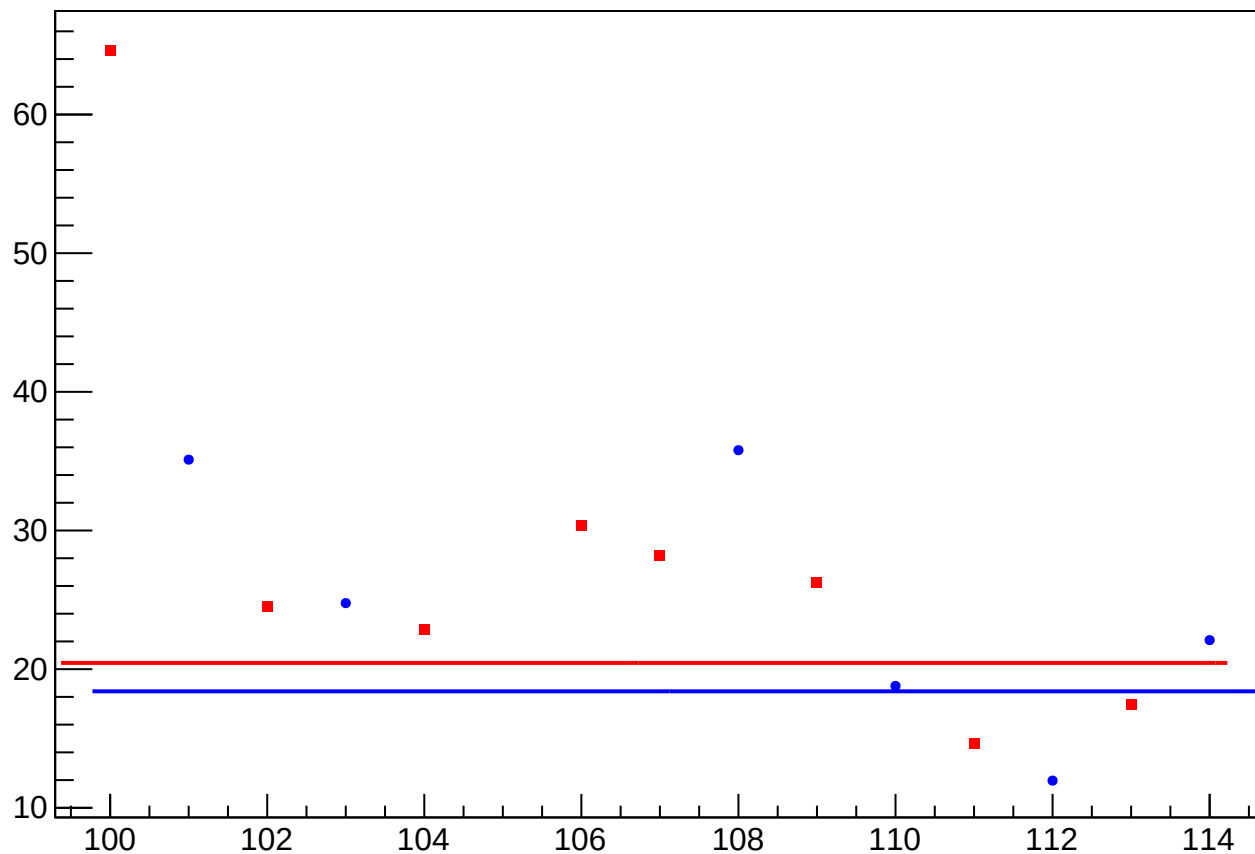
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.5/13

In: 0.016 $\pm$ 0.013 χ^2 /NDF:8.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.5/13

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

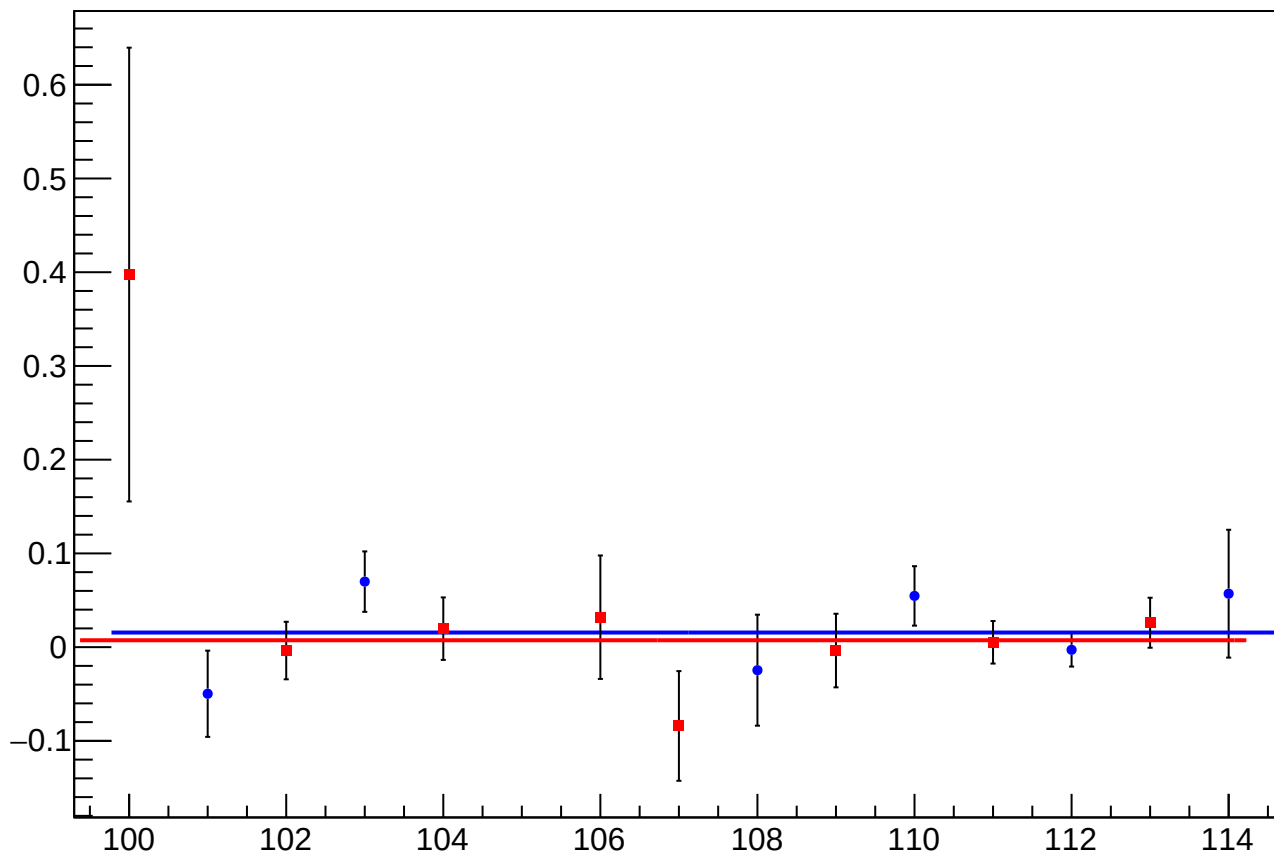
Right: 19.463+/-0.006 χ^2/NDF : 1200621.6/13

In: 18.403+/-0.009 χ^2/NDF : 779947.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200621.6/13

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

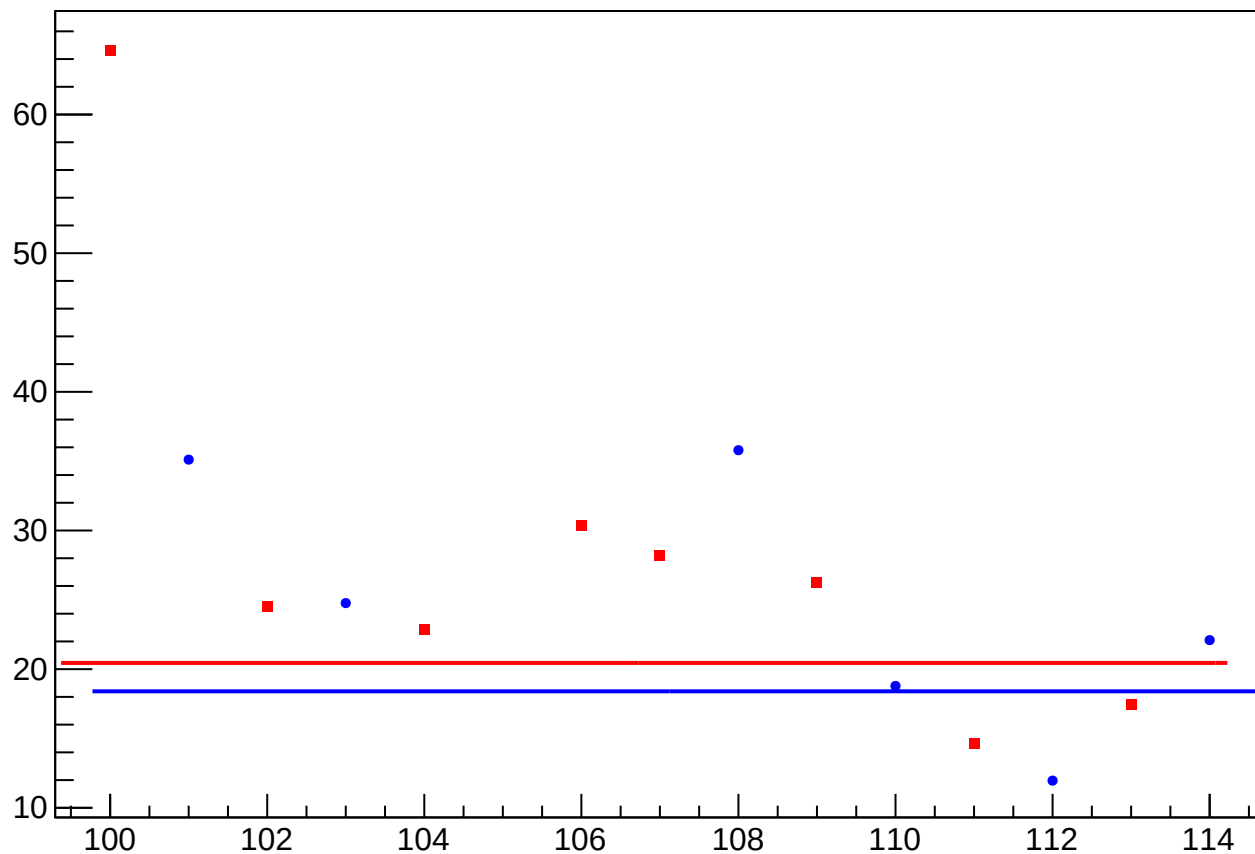
Right: 0.011+/-0.009 χ^2/NDF : 14.5/13

In: 0.016+/-0.013 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.009 χ^2/NDF : 14.5/13

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

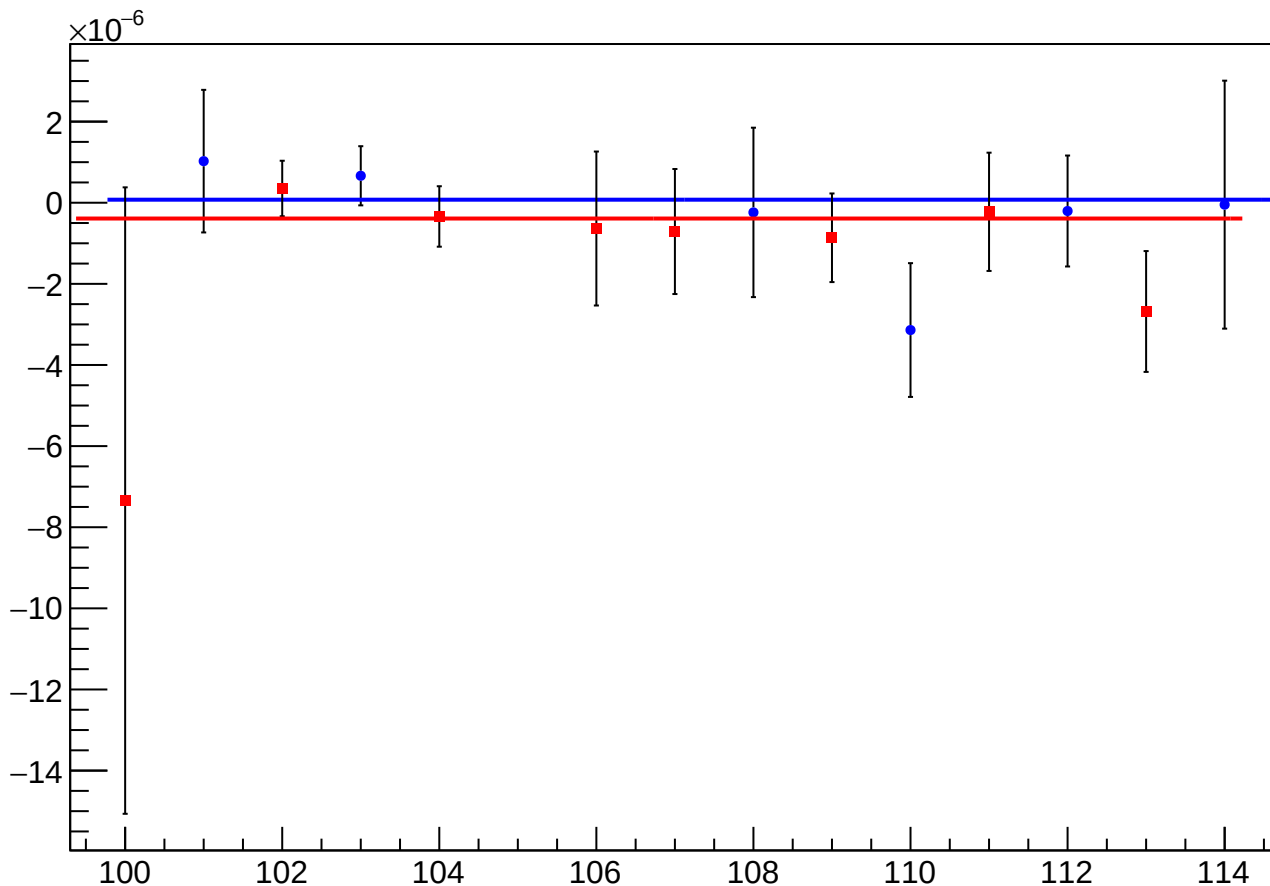
Right: 19.463+/-0.006 χ^2/NDF : 1200621.6/13

In: 18.403+/-0.009 χ^2/NDF : 779947.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200621.6/13

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

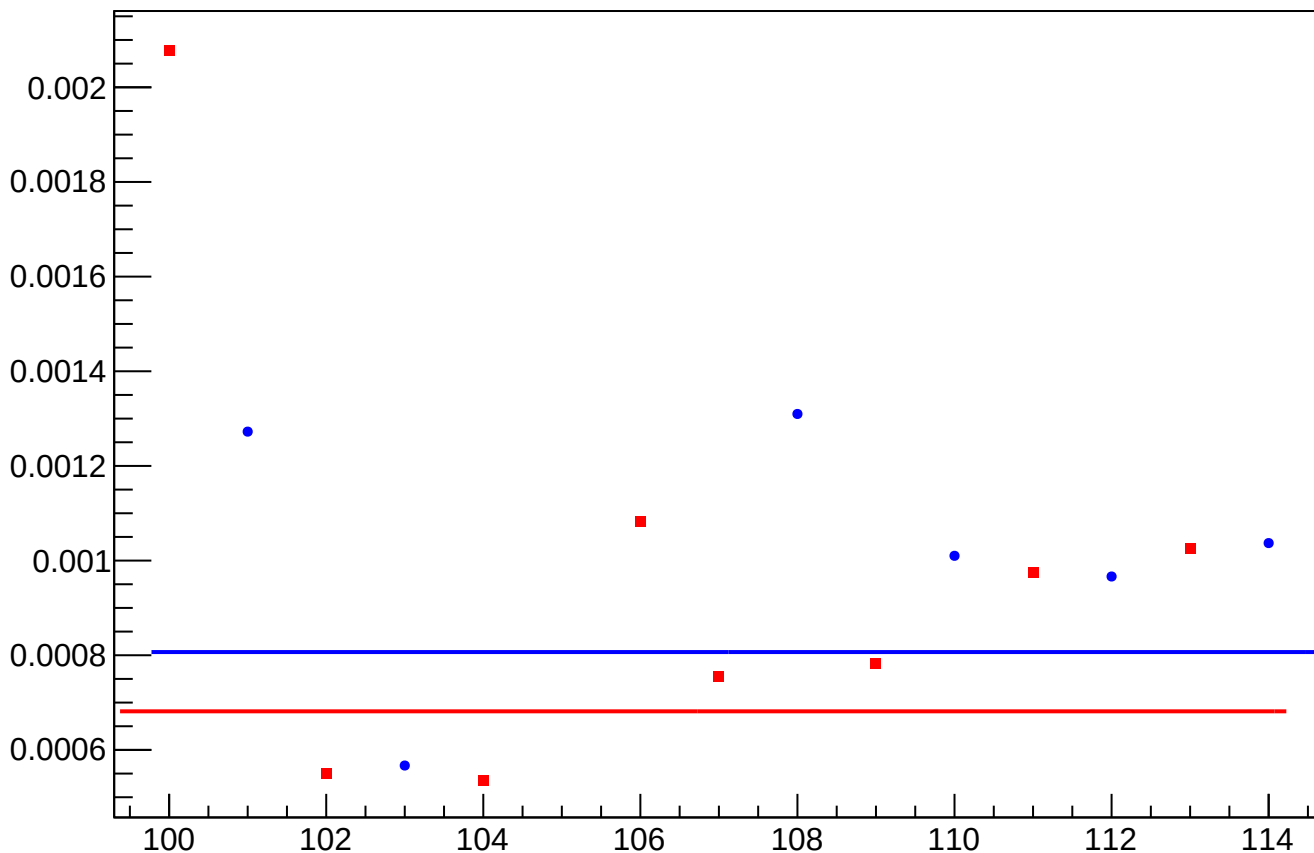
Right: -0.000+/-0.000 χ^2/NDF : 9.9/13

In: 0.000+/-0.000 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/13

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

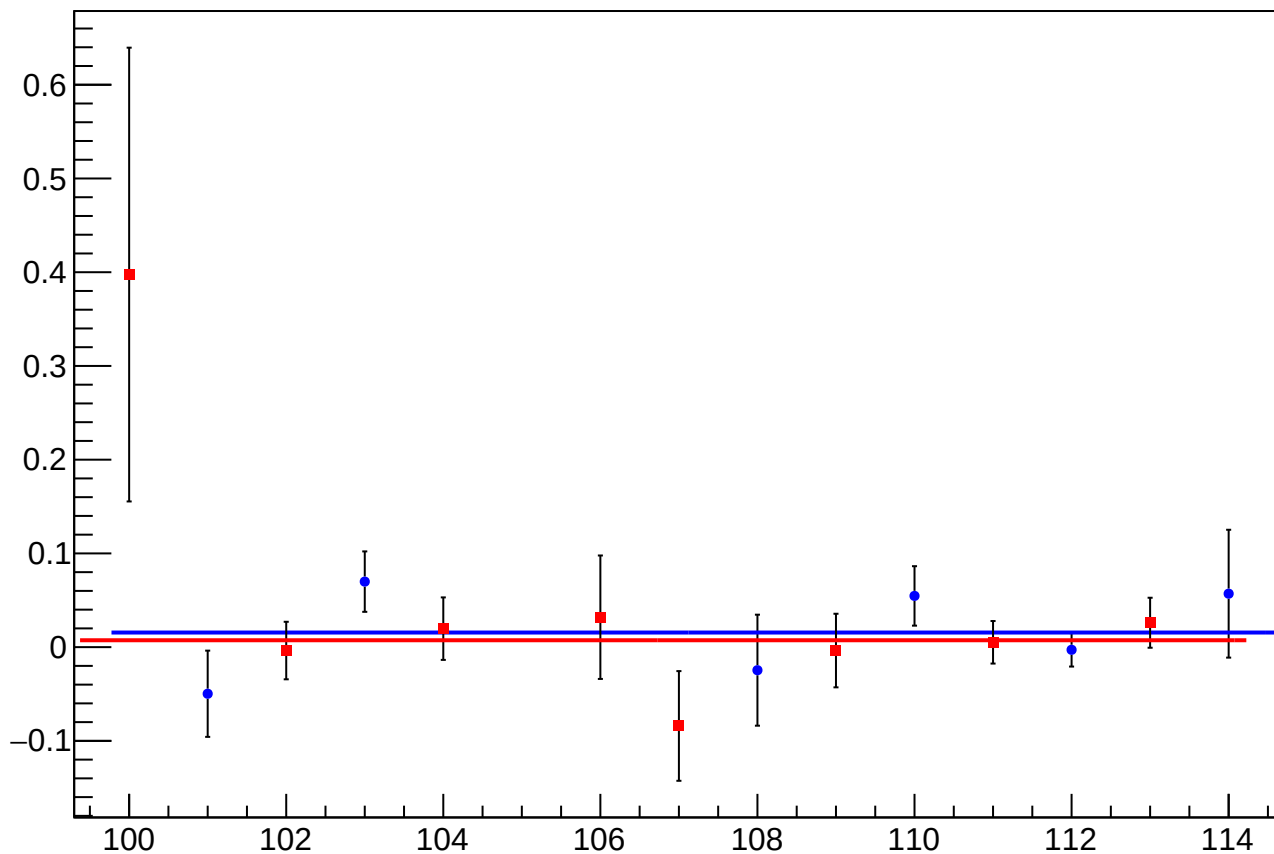
Right: 0.001+/-0.000 χ^2/NDF : 1125704.3/13

In: 0.001+/-0.000 χ^2/NDF :541679.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1125704.3/13

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

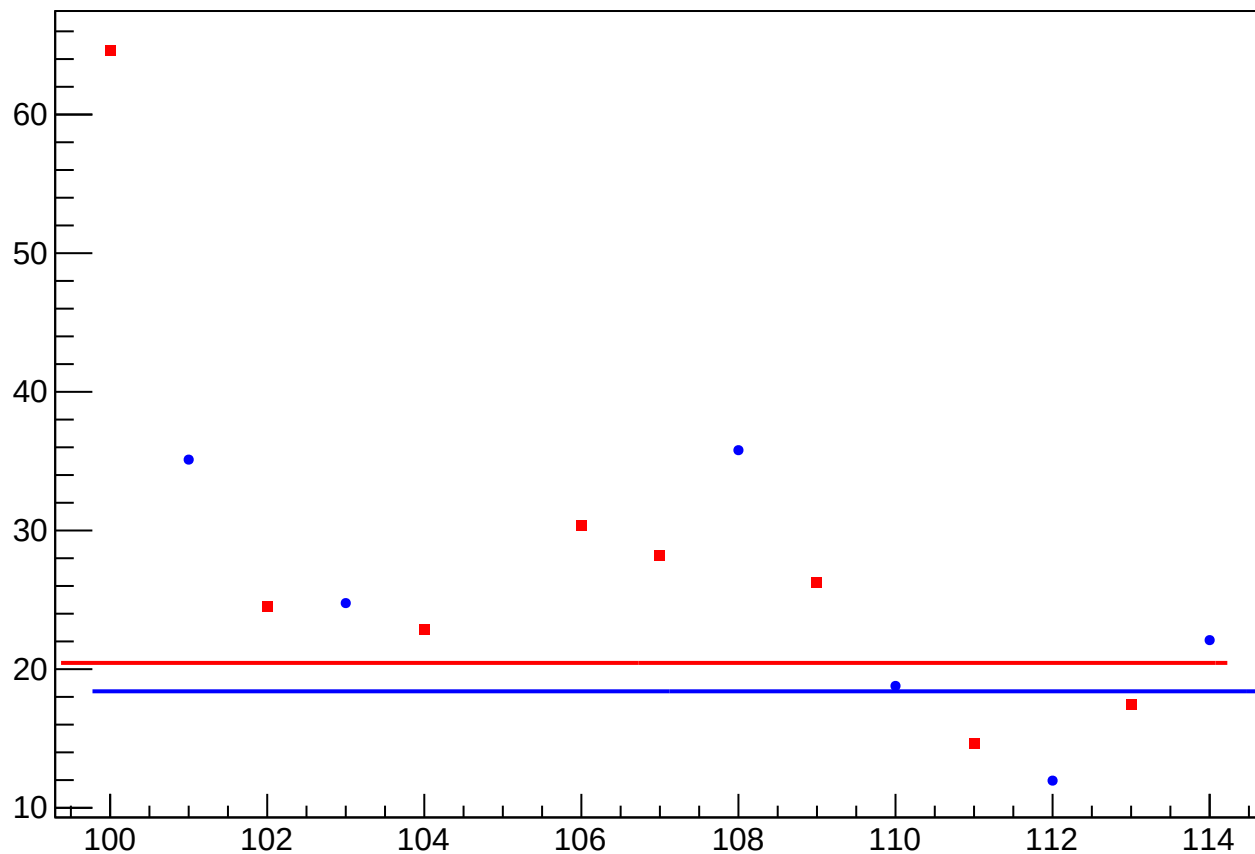
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.5/13

In: 0.016 $\pm$ 0.013 χ^2 /NDF:8.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.5/13

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

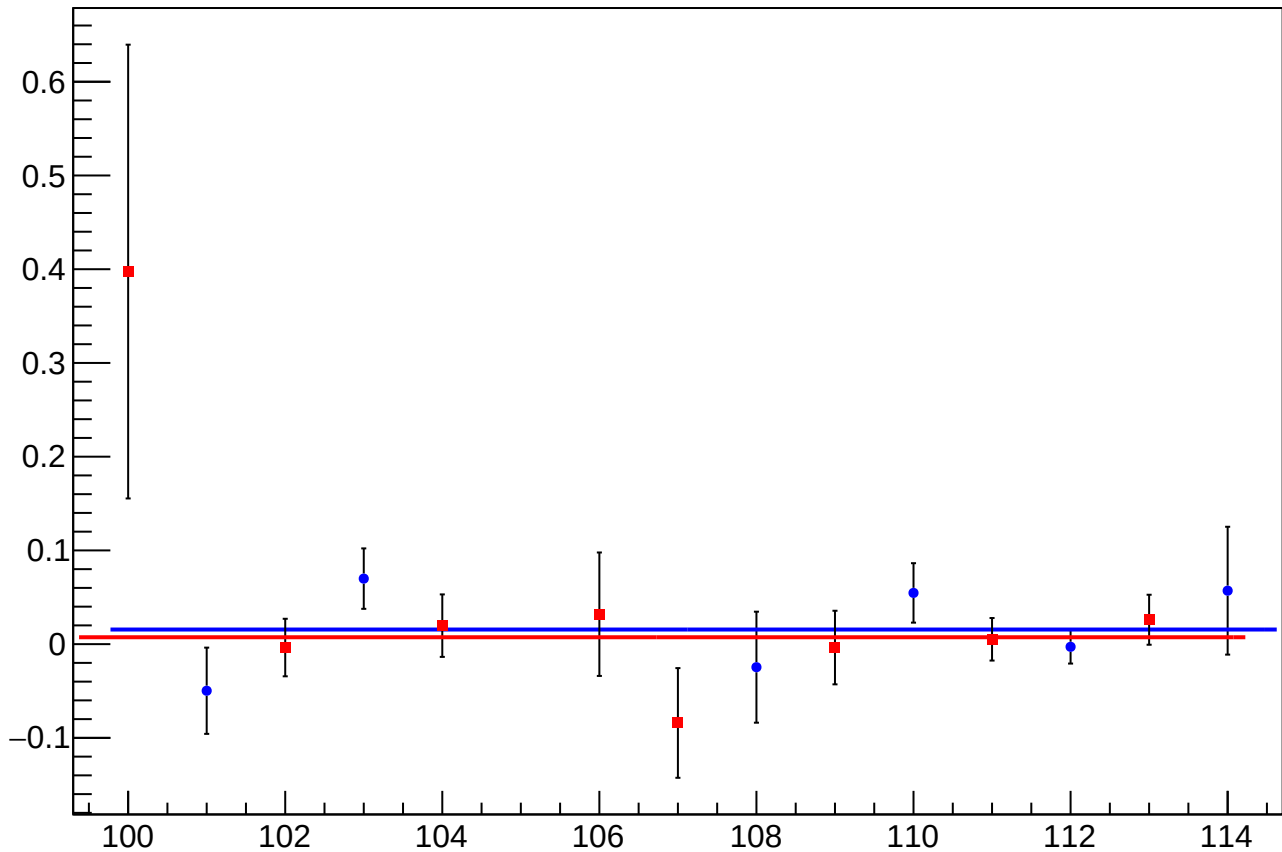
Right: 19.463+/-0.006 χ^2/NDF : 1200753.2/13

In: 18.403+/-0.009 χ^2/NDF : 780017.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200753.2/13

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

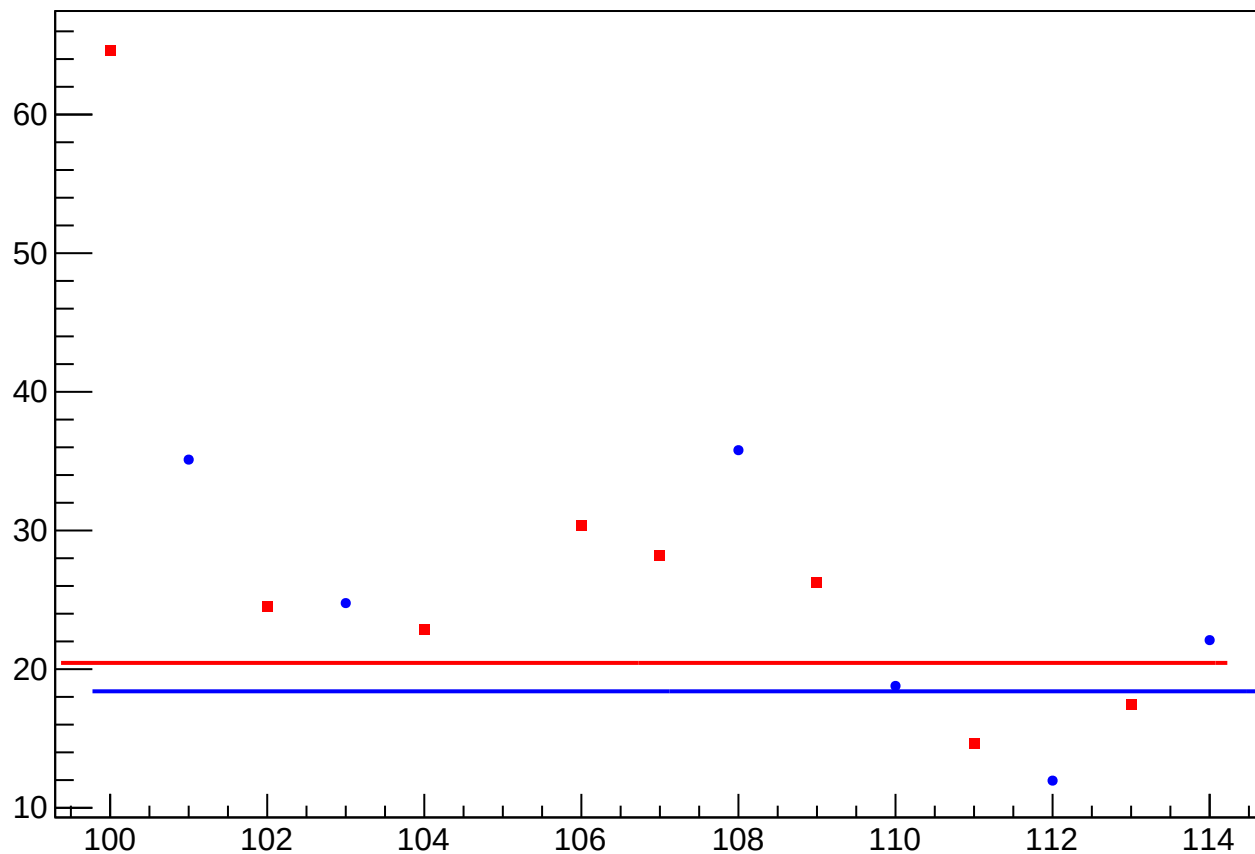
Right: 0.011+/-0.009 χ^2/NDF : 14.5/13

In: 0.016+/-0.013 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.009 χ^2/NDF : 14.5/13

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

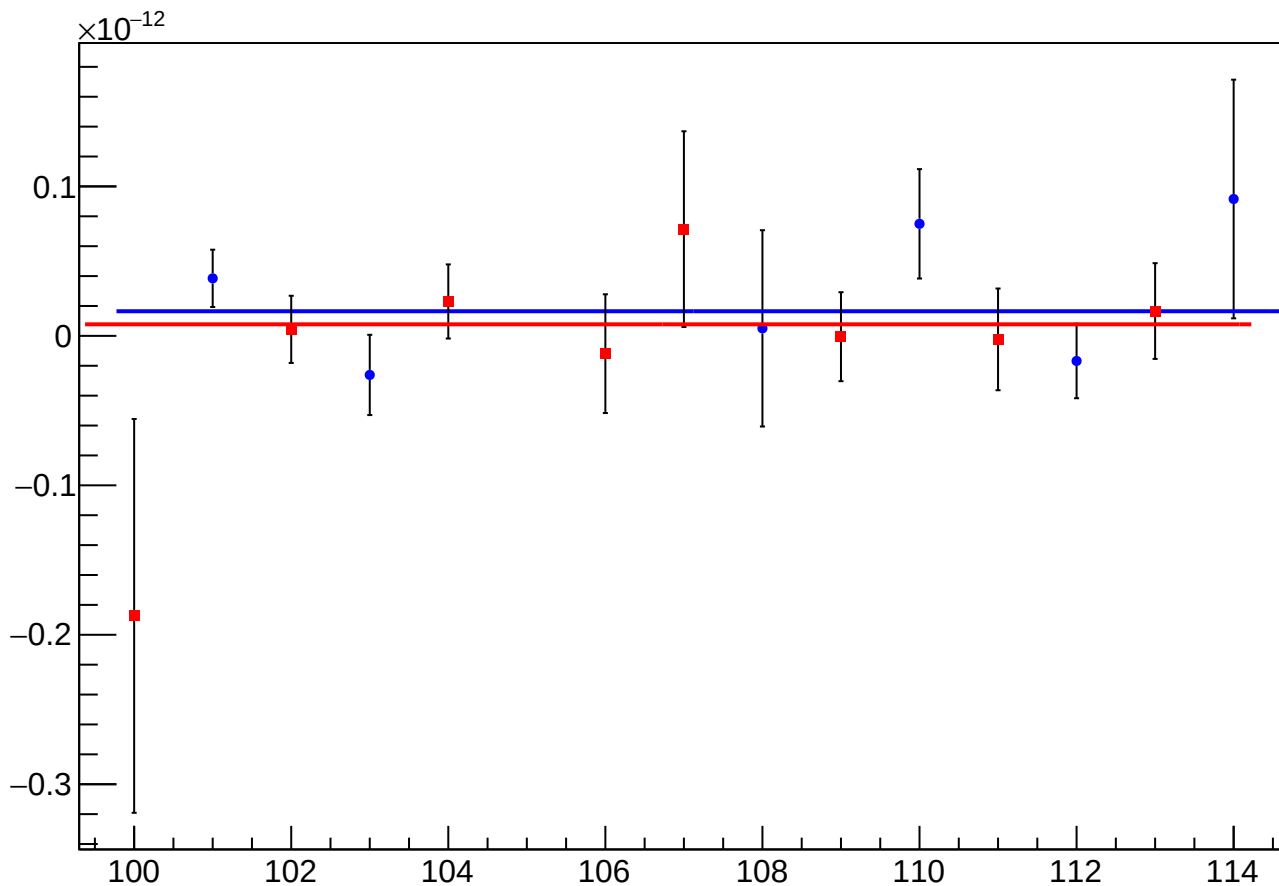
Right: 19.463+/-0.006 χ^2/NDF : 1200753.2/13

In: 18.403+/-0.009 χ^2/NDF : 780017.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.006 χ^2/NDF : 1200753.2/13

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

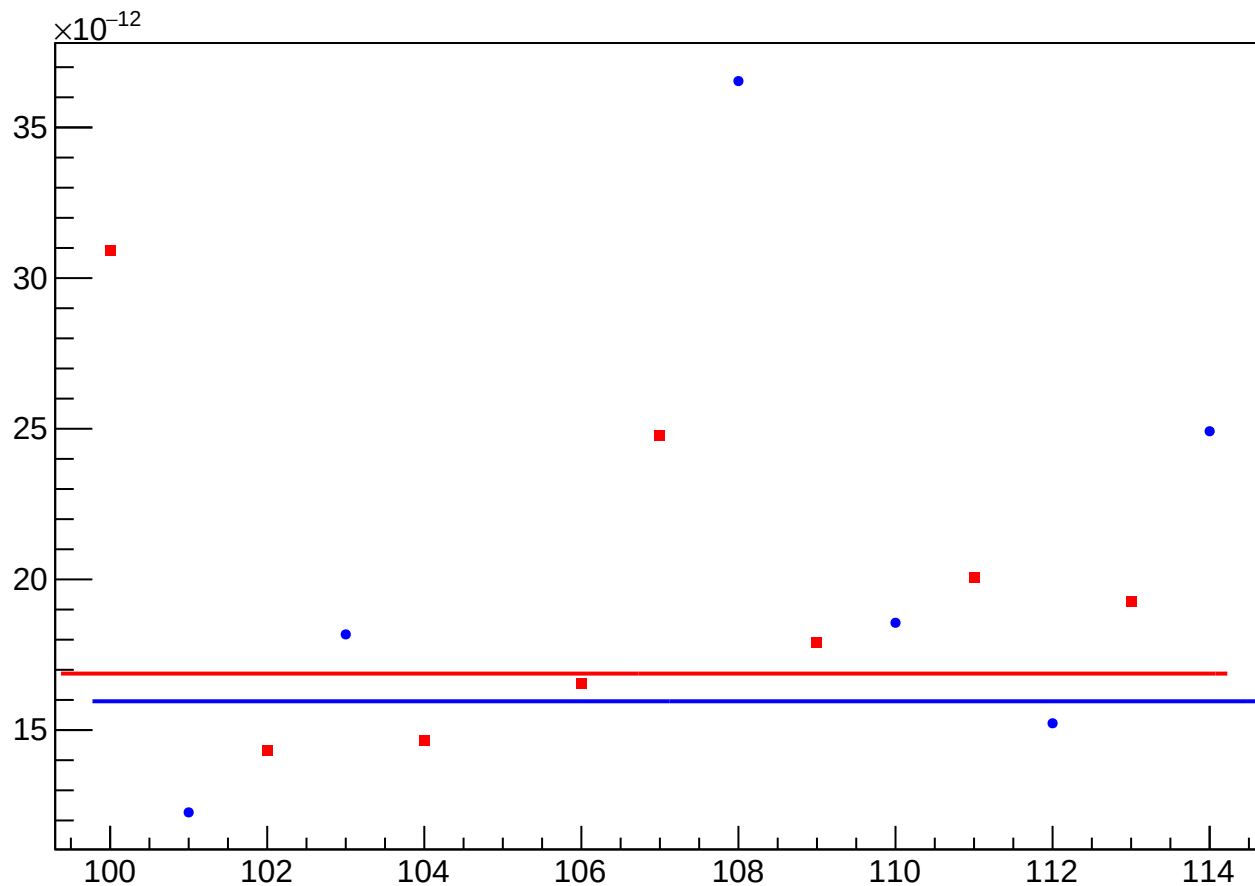
Right: 0.000+/-0.000 χ^2/NDF : 13.4/13

In: 0.000+/-0.000 χ^2/NDF : 9.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/13

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

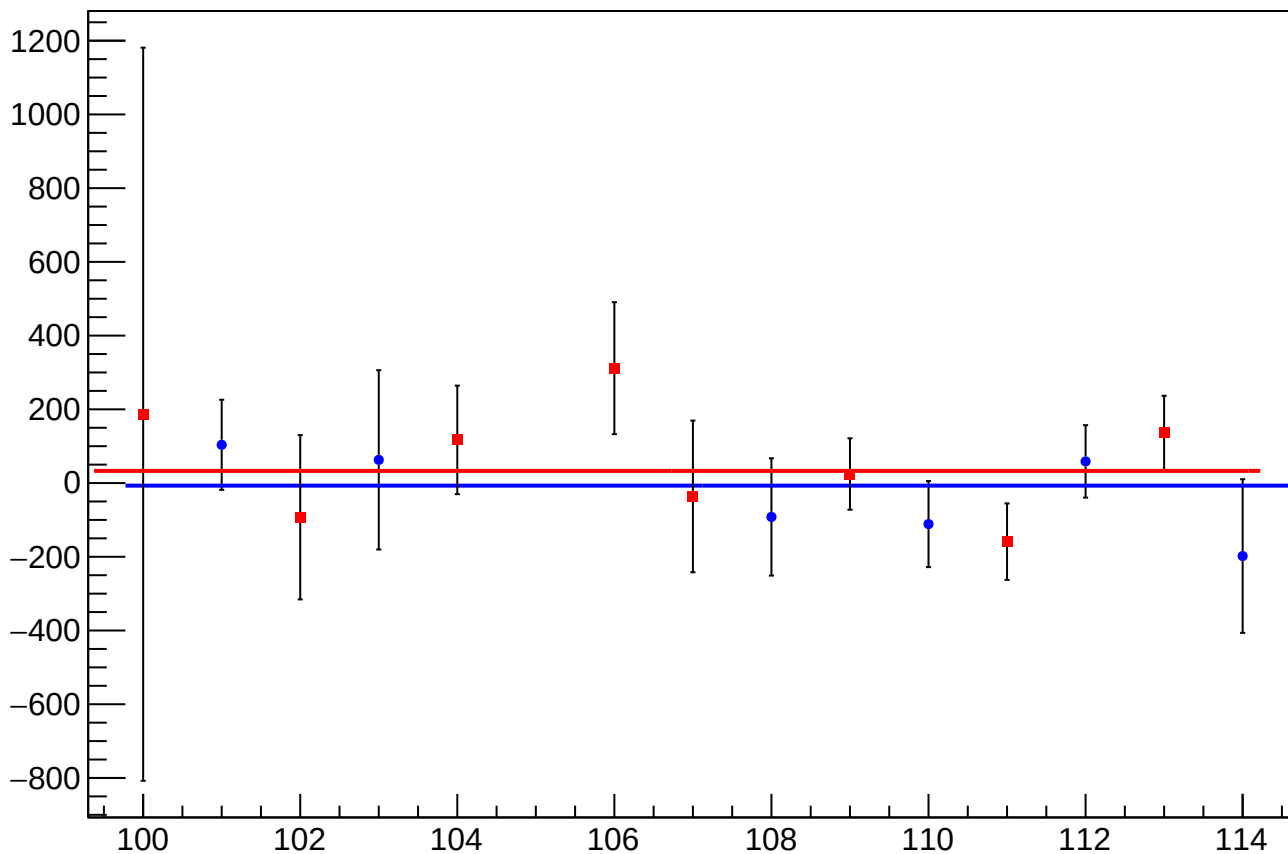
Right: 0.000+/-0.000 χ^2/NDF : 452484.6/13

In: 0.000+/-0.000 χ^2/NDF : 321191.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 452484.6/13

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

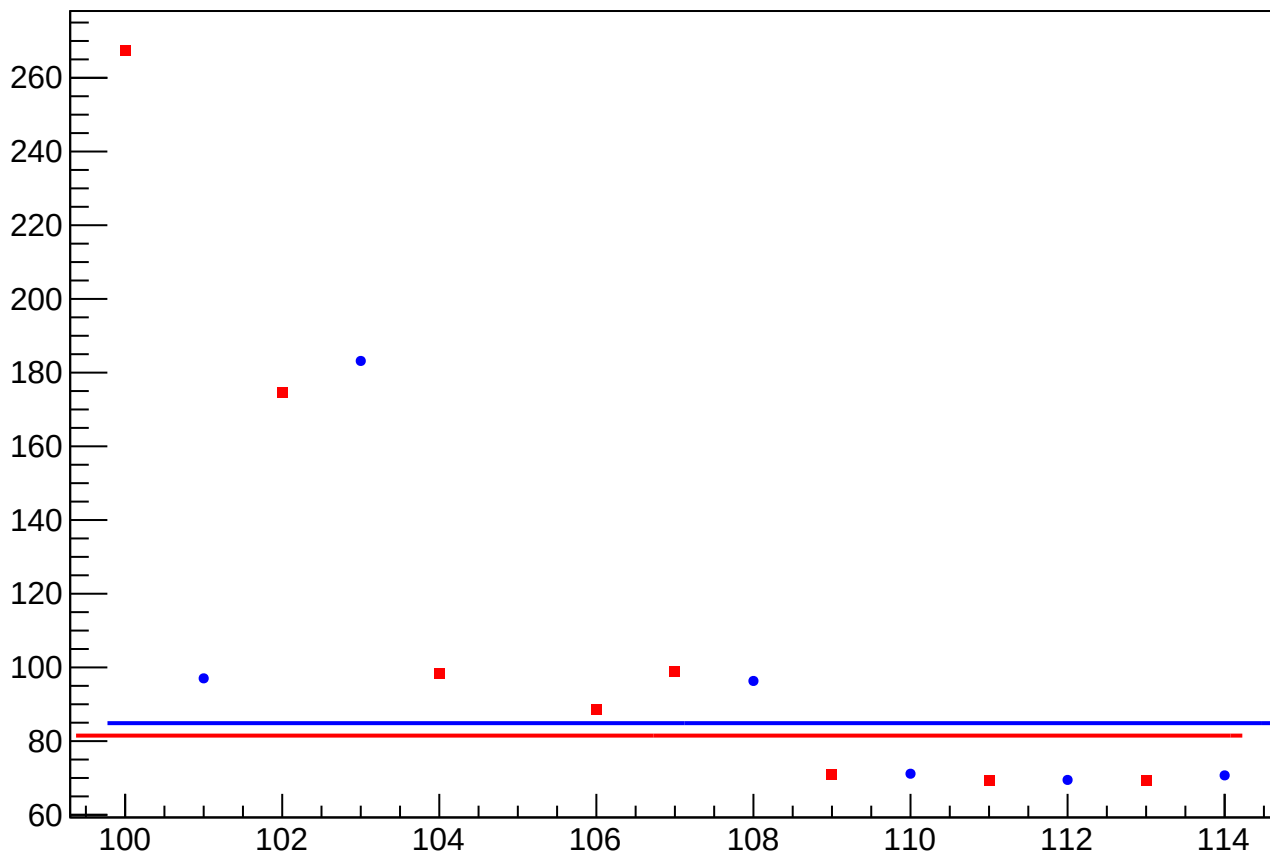
Right: 15.646 ± 36.667 χ^2/NDF : 11.3/13

In: -6.980 ± 55.612 χ^2/NDF : 3.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 15.646 ± 36.667 χ^2/NDF : 11.3/13

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

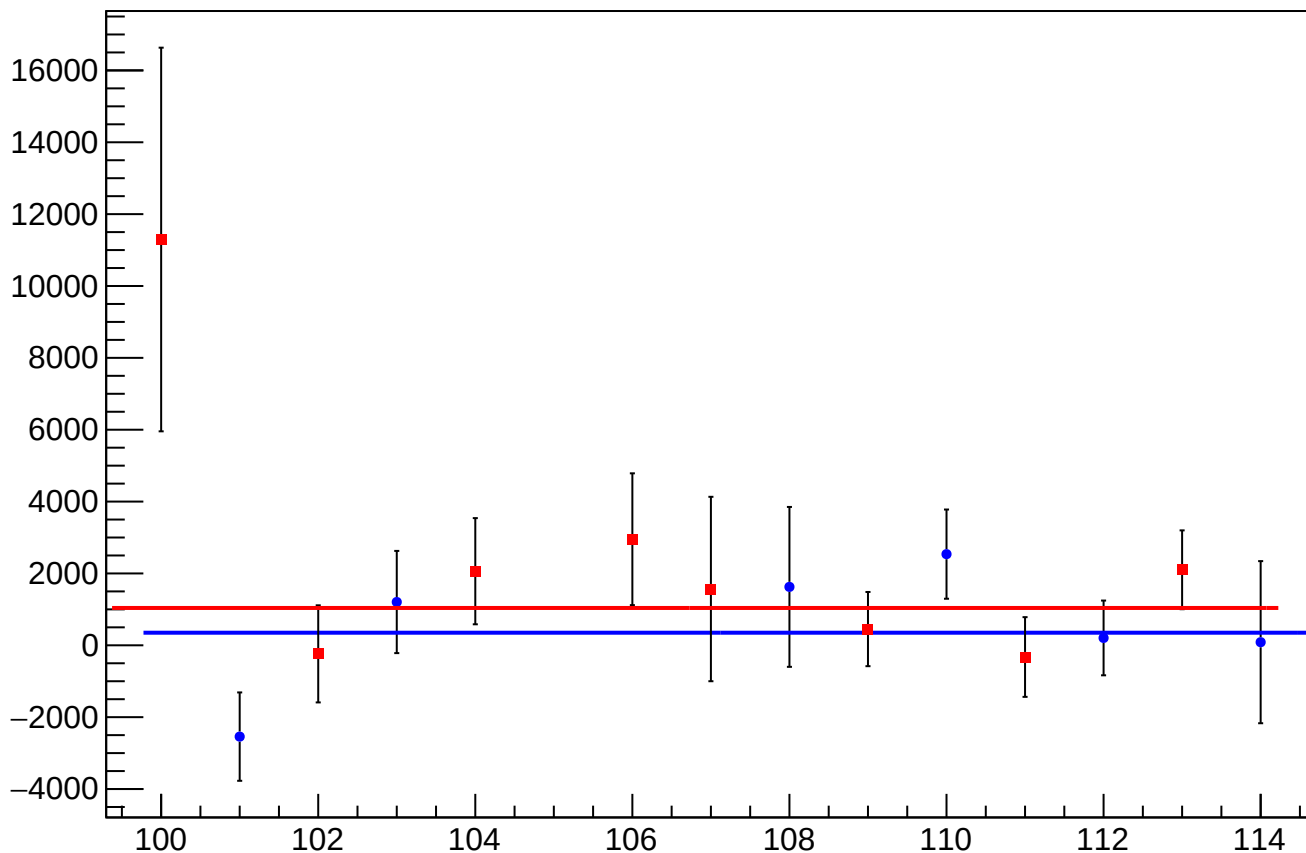
Right: 82.966+/-0.026 χ^2/NDF : 990819.5/13

In: 84.876+/-0.039 χ^2/NDF : 442866.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.966+/-0.026 χ^2/NDF : 990819.5/13

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

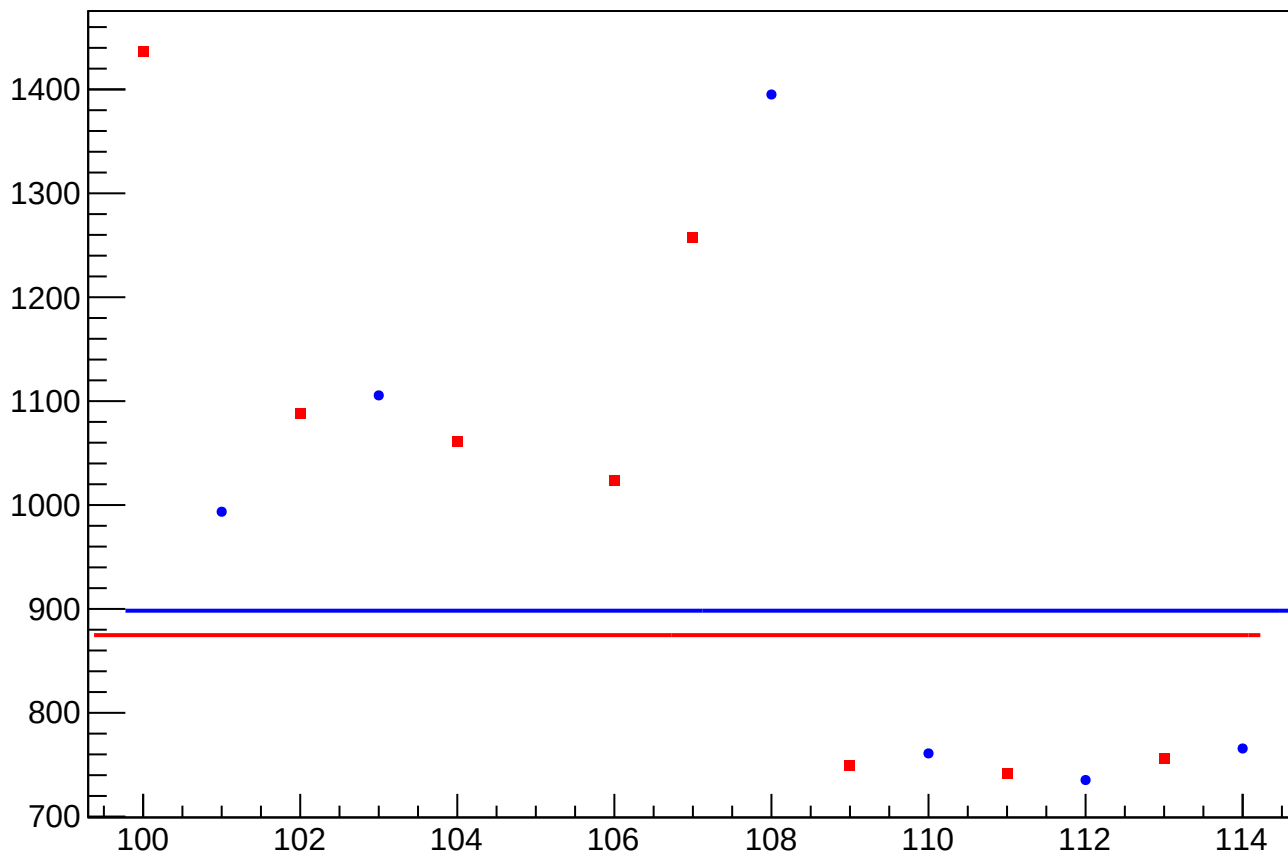
Right: 739.995+/-372.709 χ^2/NDF : 19.2/13

In: 350.474+/-565.488 χ^2/NDF :9.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 739.995+/-372.709 χ^2/NDF : 19.2/13

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 898.301+/-0.400 χ^2/NDF : 234653.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.792+/-0.350 χ^2/NDF : 243280.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

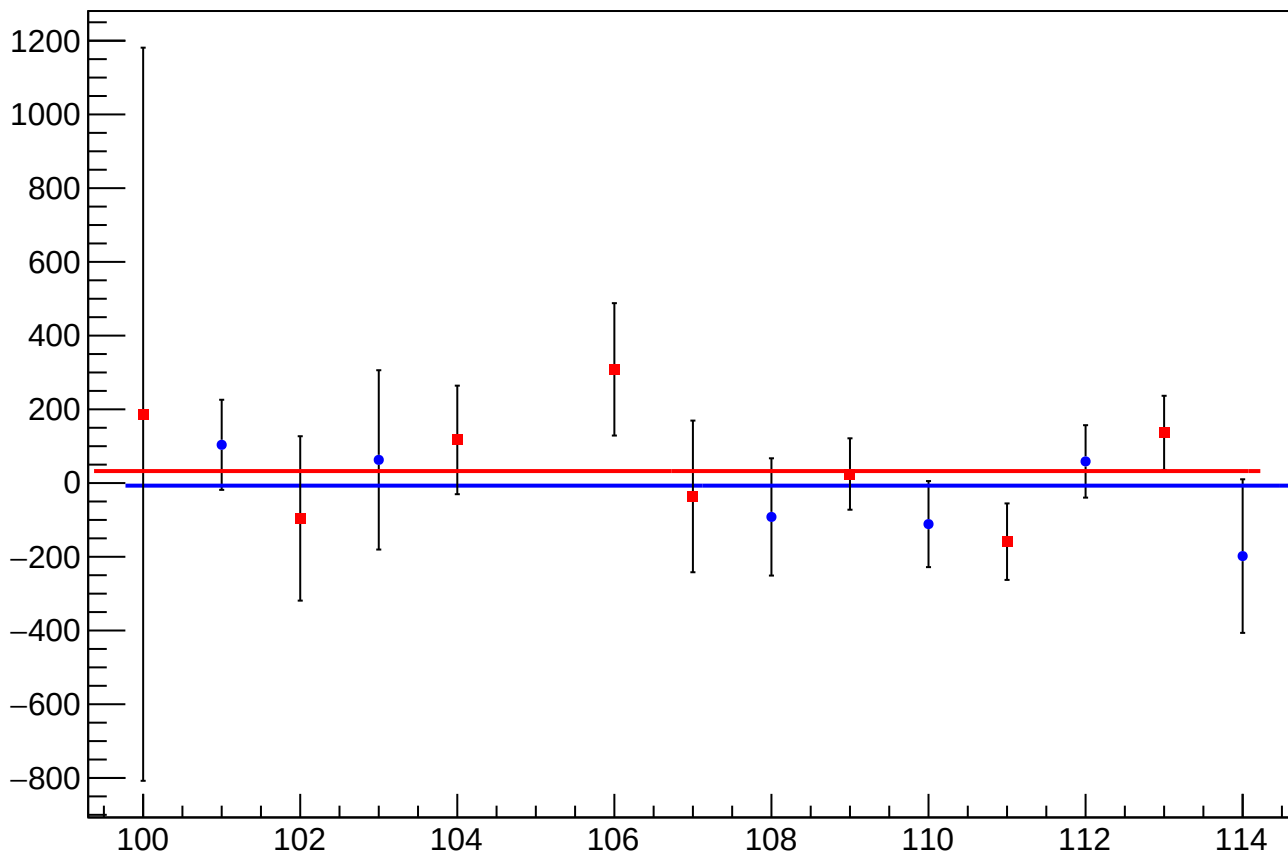
Right: 885.004+/-0.264 χ^2/NDF : 479889.7/13

In: 898.301+/-0.400 χ^2/NDF : 234653.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.004+/-0.264 χ^2/NDF : 479889.7/13

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

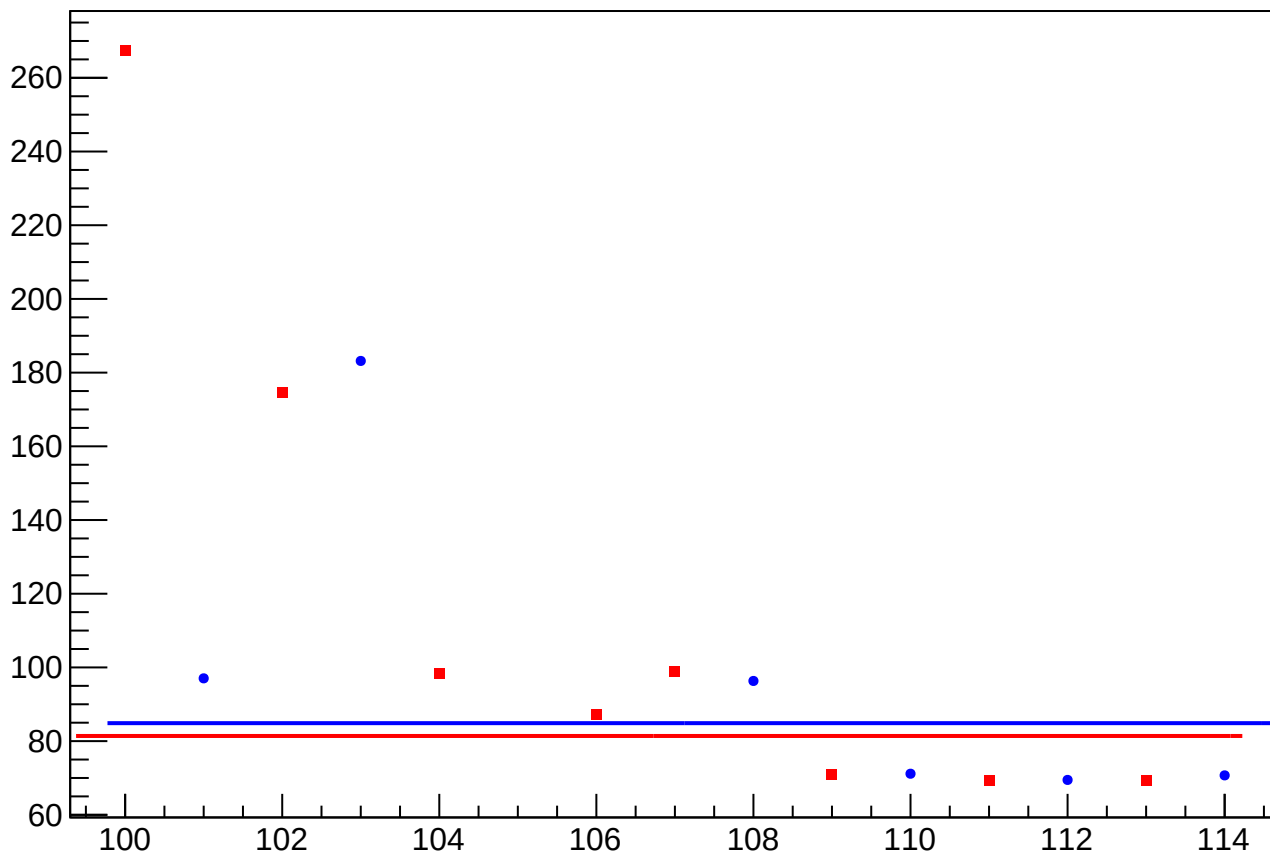
Right: 15.342+/-36.672 χ^2/NDF : 11.2/13

In: -7.005+/-55.612 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.342+/-36.672 χ^2/NDF : 11.2/13

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

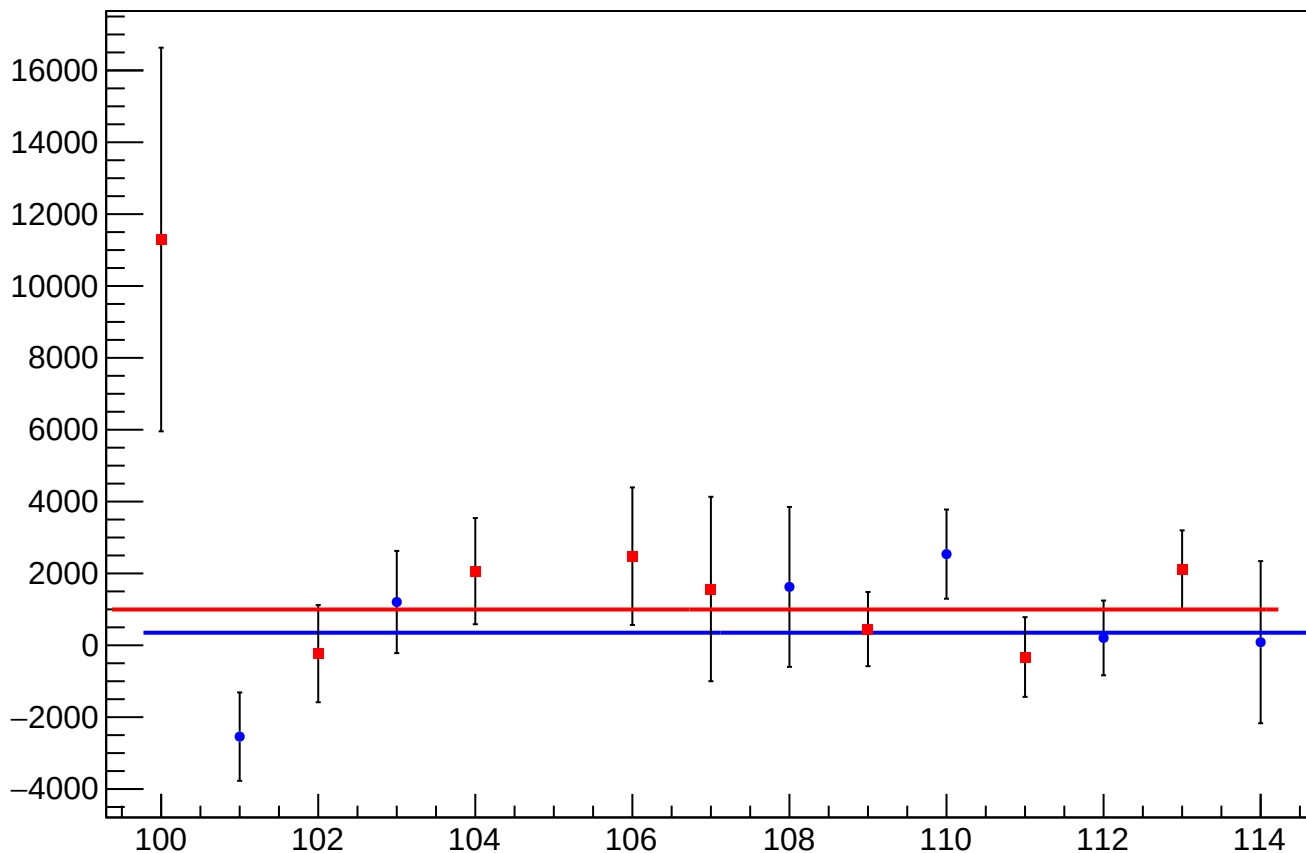
Right: 82.910+/-0.026 χ^2/NDF : 990231.9/13

In: 84.876+/-0.039 χ^2/NDF : 442869.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.910+/-0.026 χ^2/NDF : 990231.9/13

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

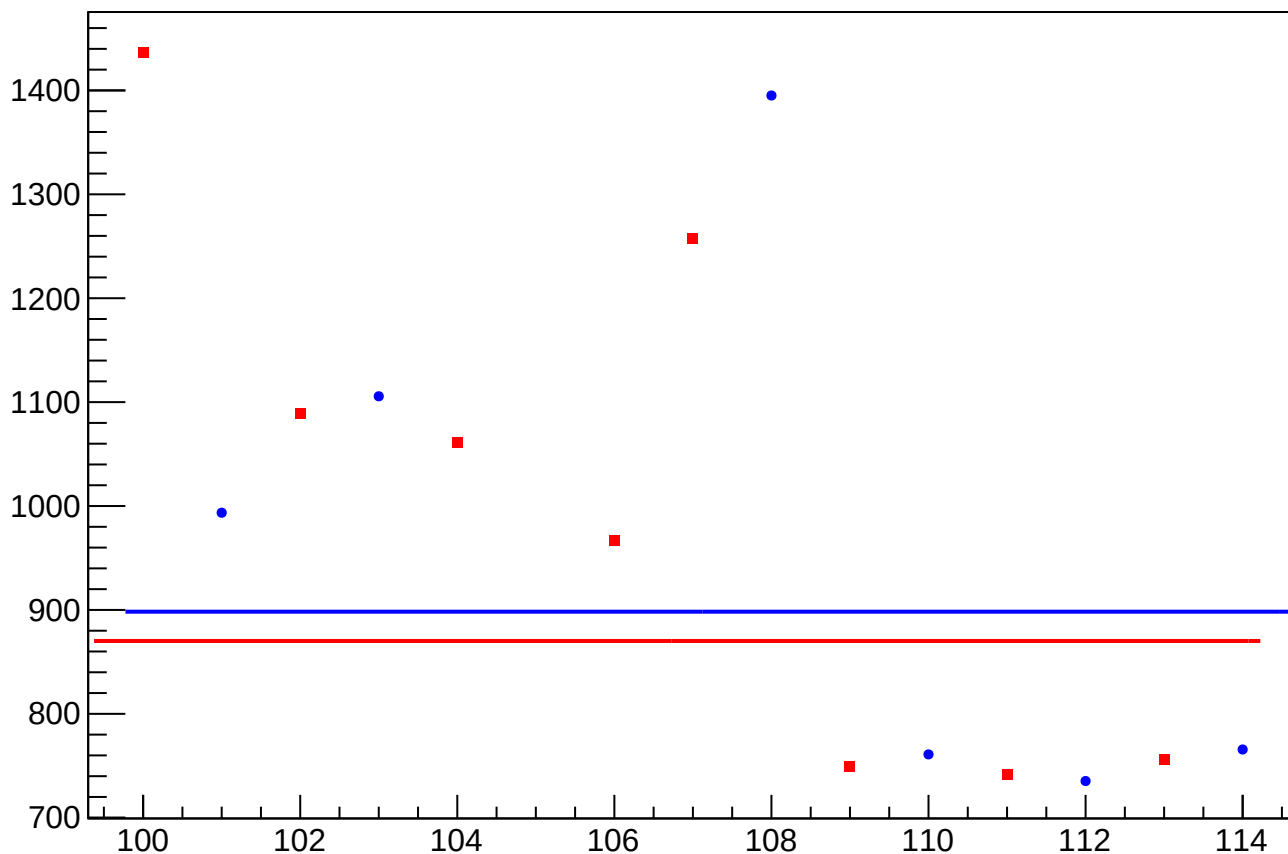
Right: 715.185+/-373.361 χ^2/NDF : 18.5/13

In: 350.449+/-565.497 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.185+/-373.361 χ^2/NDF : 18.5/13

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

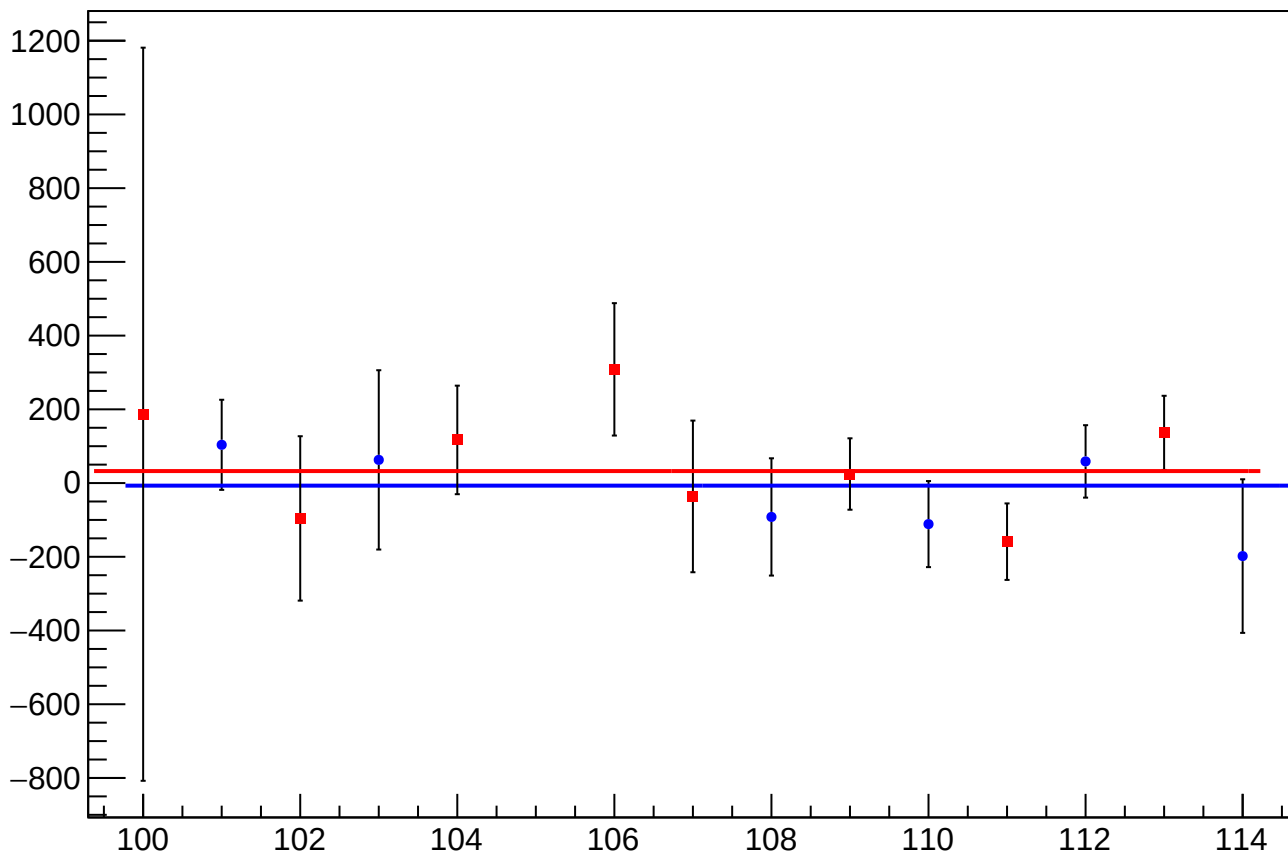
Right: 882.411+/-0.264 χ^2/NDF : 472316.3/13

In: 898.311+/-0.400 χ^2/NDF : 234690.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.411+/-0.264 χ^2/NDF : 472316.3/13

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

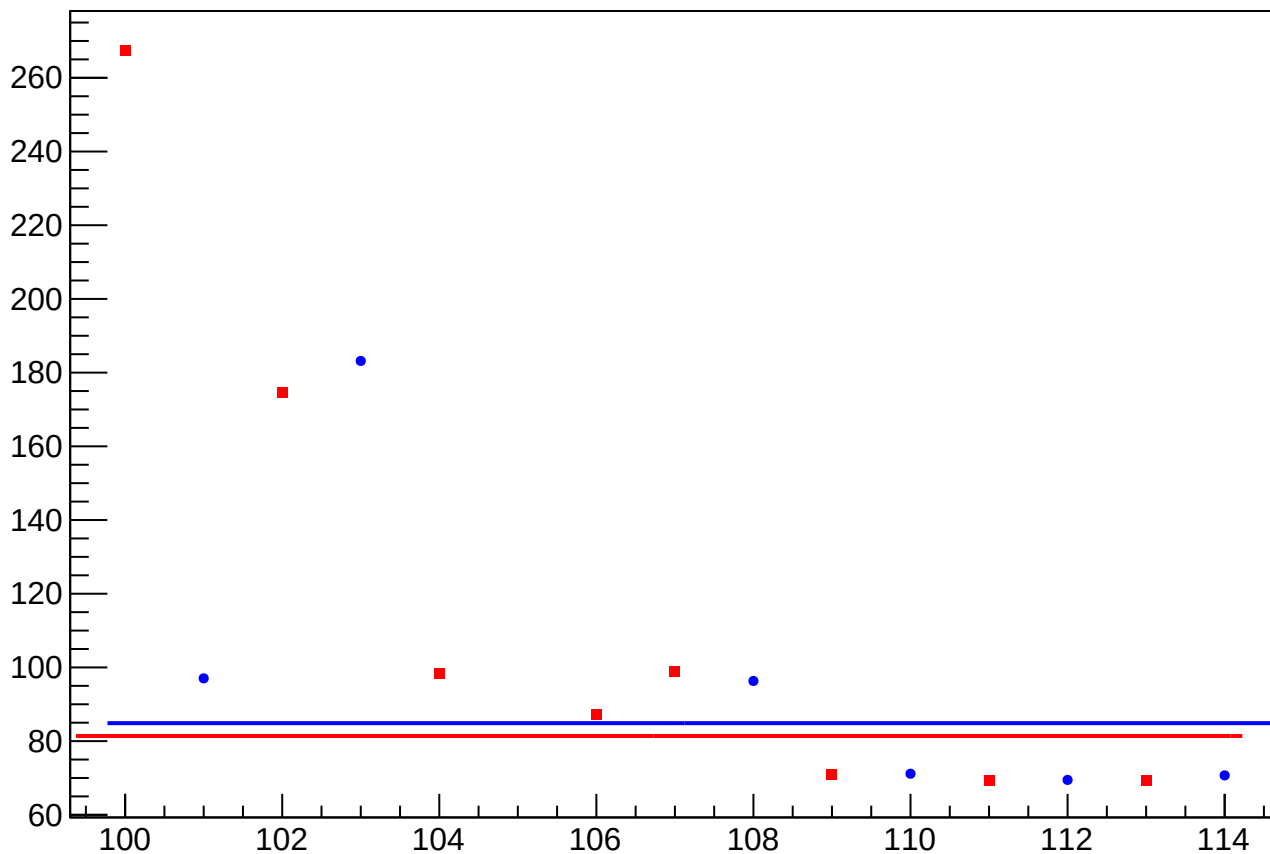
Right: 15.342+/-36.672 χ^2/NDF : 11.2/13

In: -7.005+/-55.612 χ^2/NDF : 3.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.342+/-36.672 χ^2/NDF : 11.2/13

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

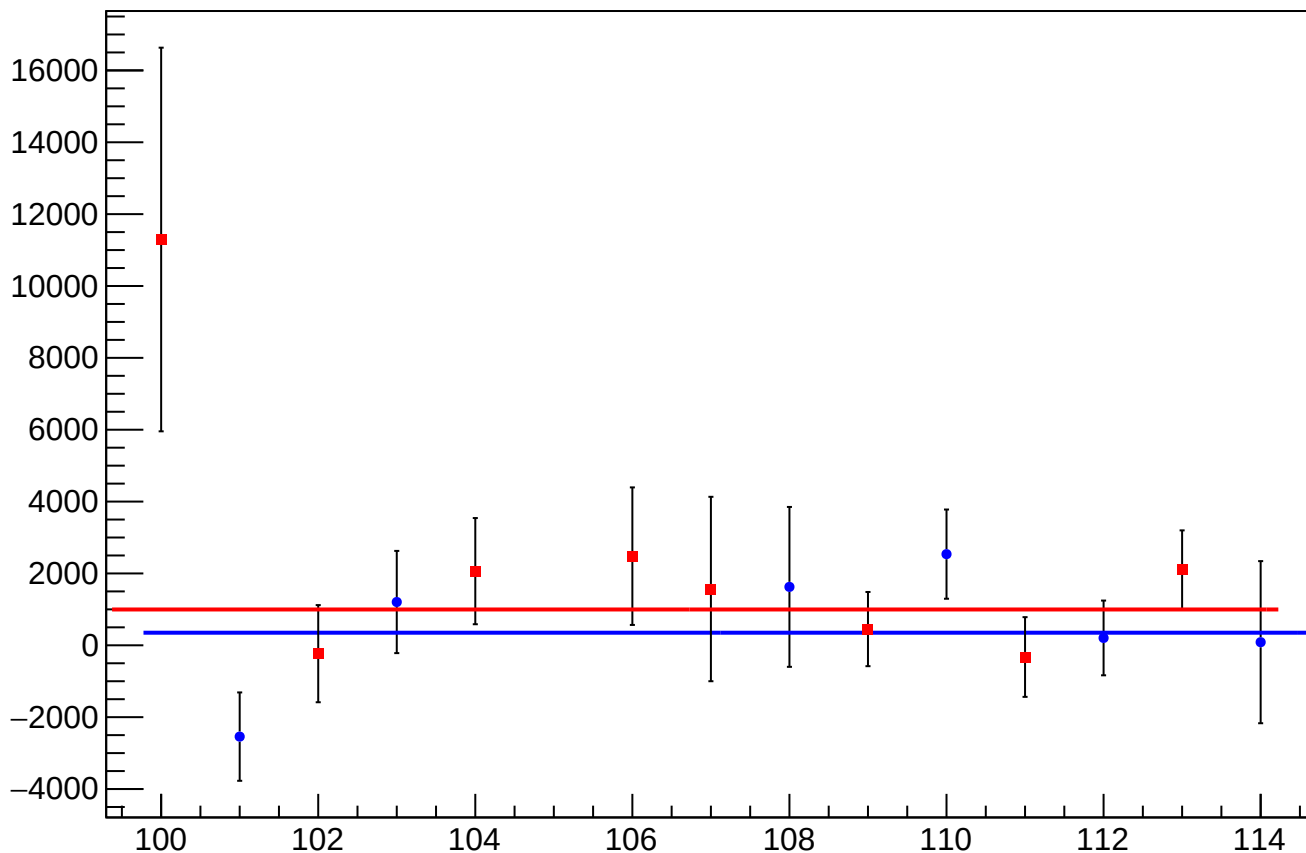
Right: 82.910+/-0.026 χ^2/NDF : 990231.9/13

In: 84.876+/-0.039 χ^2/NDF : 442869.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.910+/-0.026 χ^2/NDF : 990231.9/13

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

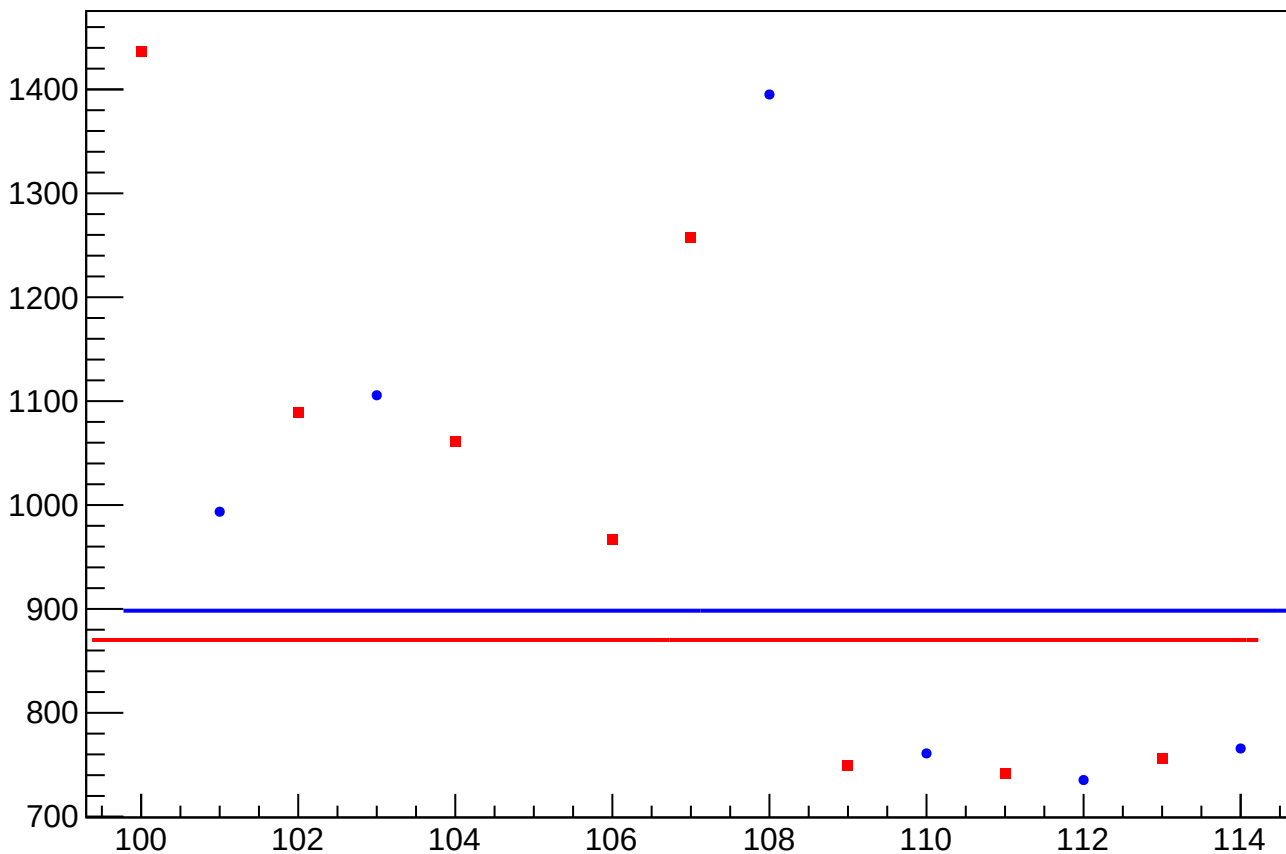
Right: 715.185+/-373.361 χ^2/NDF : 18.5/13

In: 350.449+/-565.497 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.185+/-373.361 χ^2/NDF : 18.5/13

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

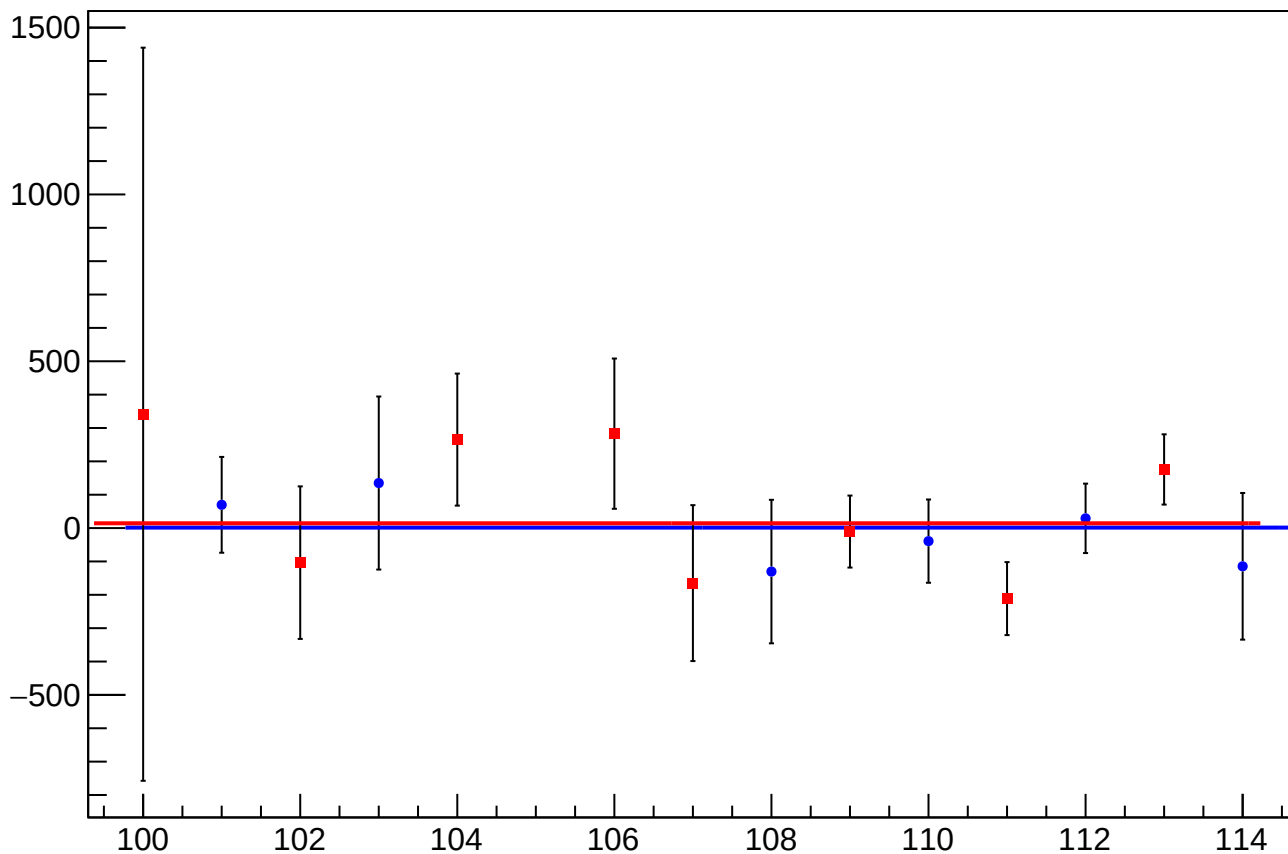
Right: 882.411+/-0.264 χ^2/NDF : 472316.3/13

In: 898.311+/-0.400 χ^2/NDF : 234690.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.411+/-0.264 χ^2/NDF : 472316.3/13

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 1.465+/-61.749 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.361+/-53.979 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

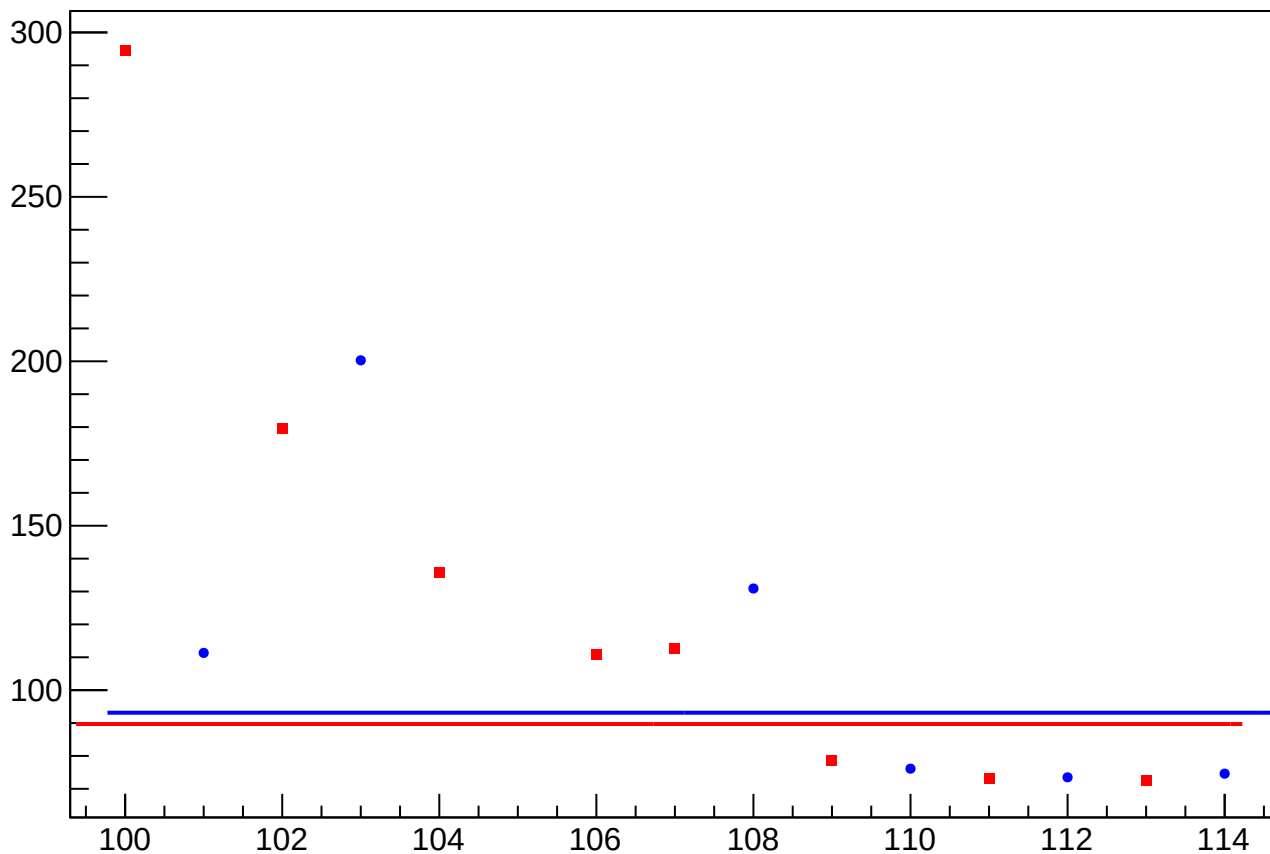
Right: 8.775+/-40.640 χ^2/NDF : 12.0/13

In: 1.465+/-61.749 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.775+/-40.640 χ^2/NDF : 12.0/13

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

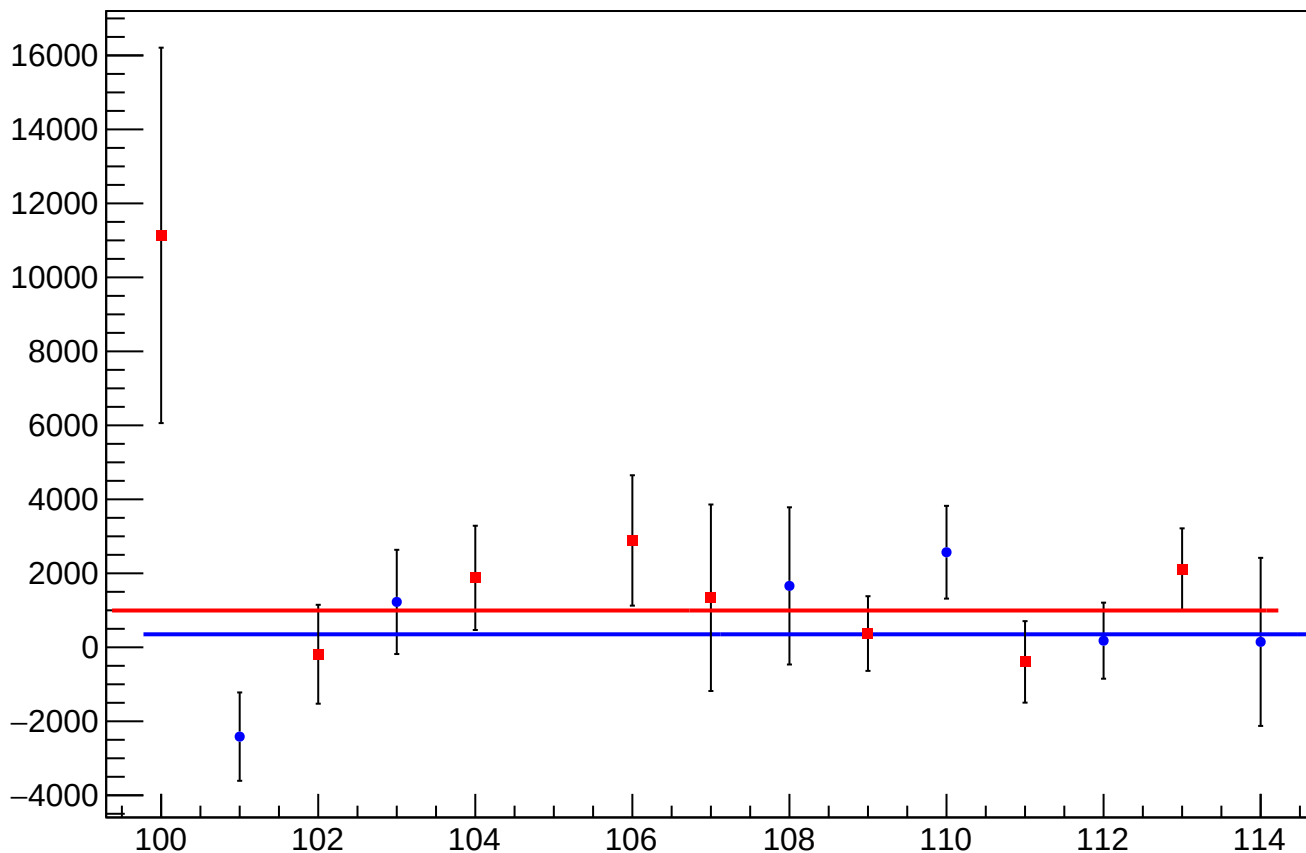
Right: 91.194 $\pm$ 0.029 χ^2 /NDF: 1206952.9/13

In: 93.145 $\pm$ 0.044 χ^2 /NDF:557900.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.194 $\pm$ 0.029 χ^2 /NDF: 1206952.9/13

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 351.563+/-558.783 χ^2/NDF : 9.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.042+/-487.503 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

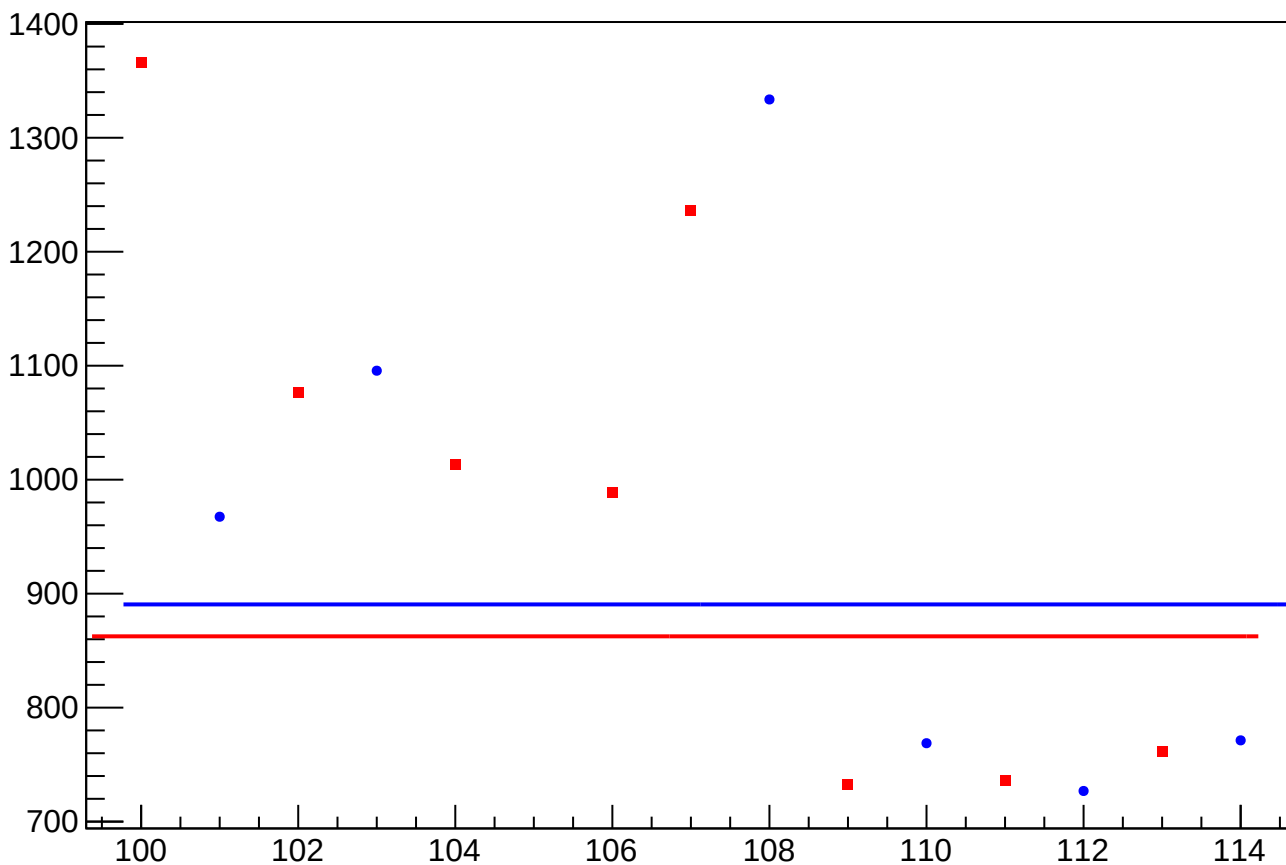
Right: 716.938+/-367.349 χ^2/NDF : 19.4/13

In: 351.563+/-558.783 χ^2/NDF : 9.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.938+/-367.349 χ^2/NDF : 19.4/13

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

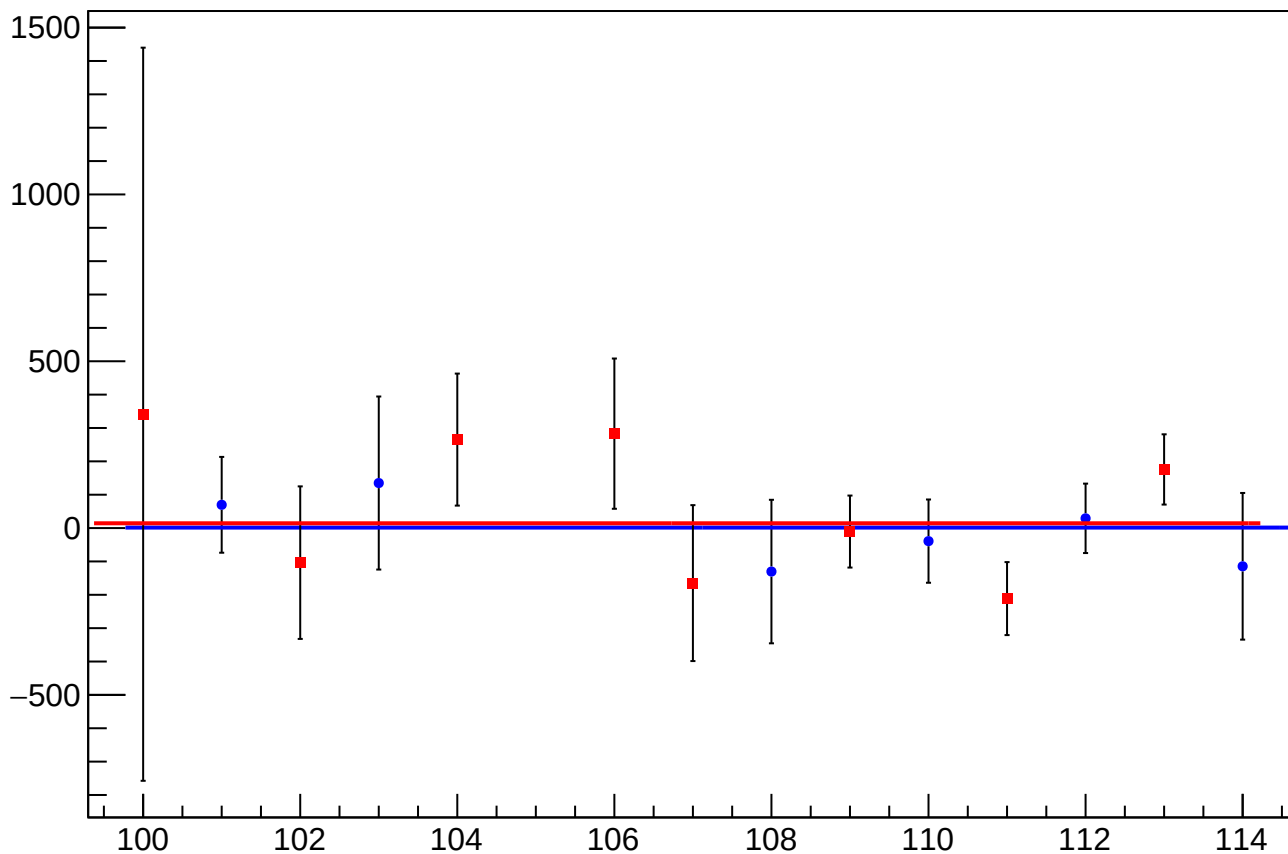
Right: 874.658+/-0.260 χ^2/NDF : 439758.8/13

In: 890.556+/-0.395 χ^2/NDF : 212716.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.658+/-0.260 χ^2/NDF : 439758.8/13

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 1.464+/-61.749 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.359+/-53.980 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

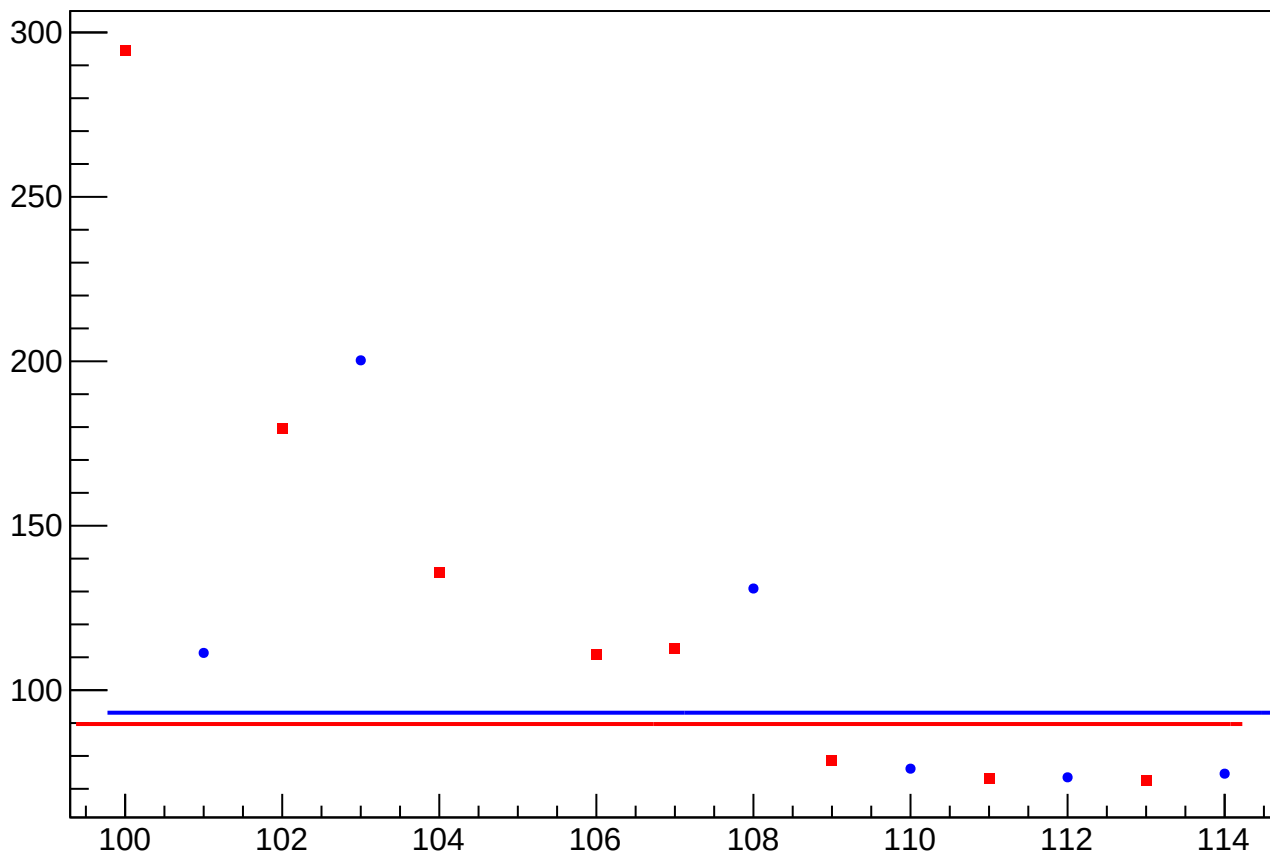
Right: 8.773+/-40.640 χ^2/NDF : 12.0/13

In: 1.464+/-61.749 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.773+/-40.640 χ^2/NDF : 12.0/13

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 93.145+/-0.044 χ^2/NDF : 557903.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.703+/-0.038 χ^2/NDF : 645532.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

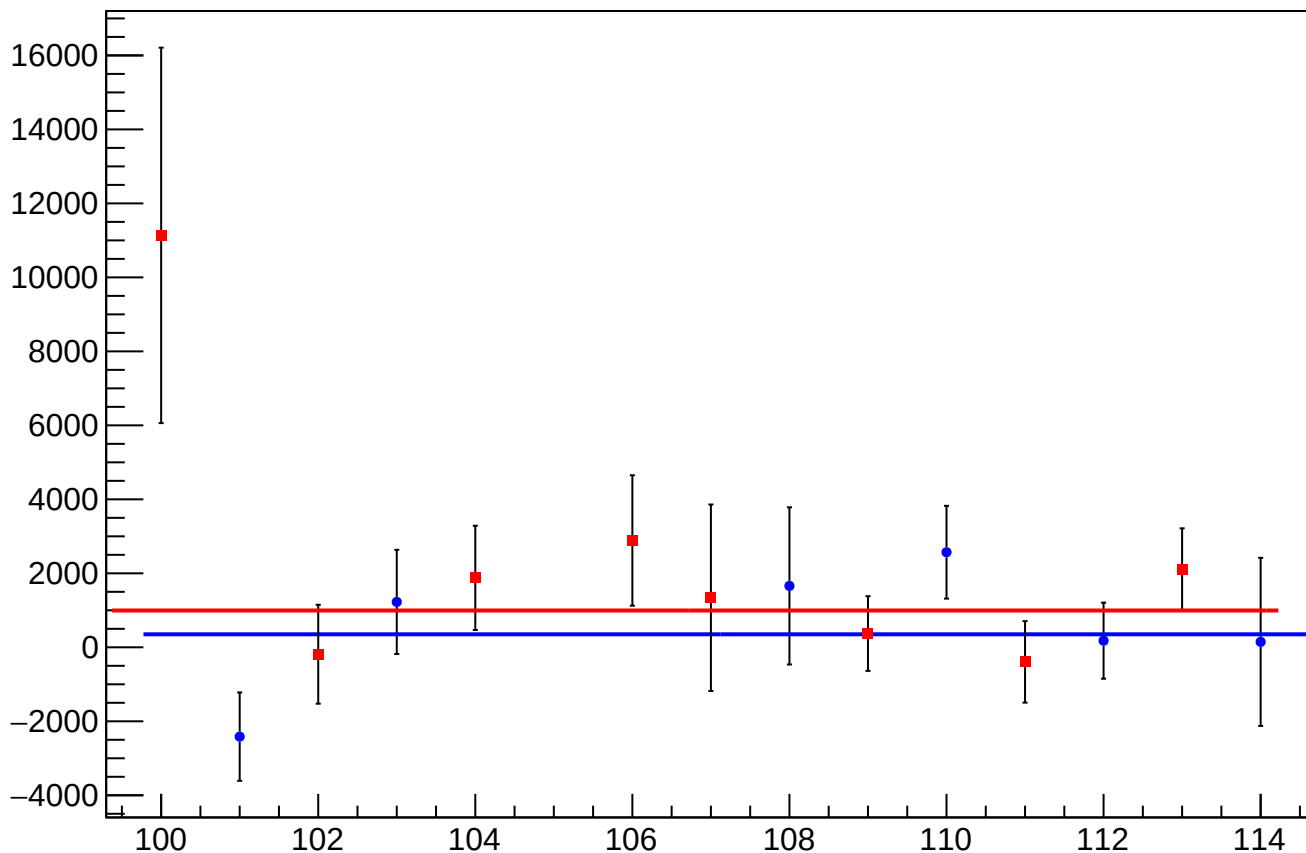
Right: 91.194+/-0.029 χ^2/NDF : 1206958.0/13

In: 93.145+/-0.044 χ^2/NDF : 557903.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.194+/-0.029 χ^2/NDF : 1206958.0/13

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 351.561+/-558.782 χ^2/NDF : 9.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.040+/-487.502 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

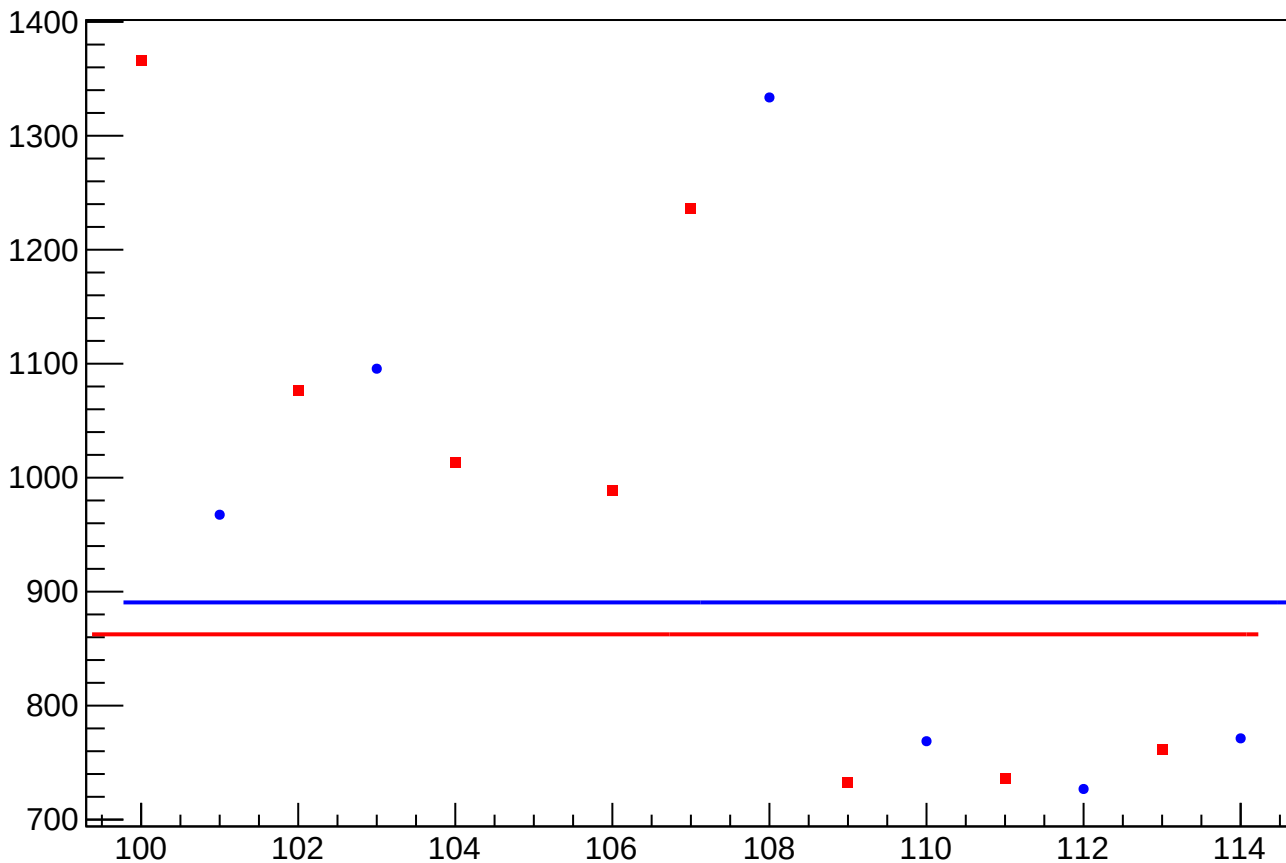
Right: 716.936+/-367.349 χ^2/NDF : 19.4/13

In: 351.561+/-558.782 χ^2/NDF : 9.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.936+/-367.349 χ^2/NDF : 19.4/13

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

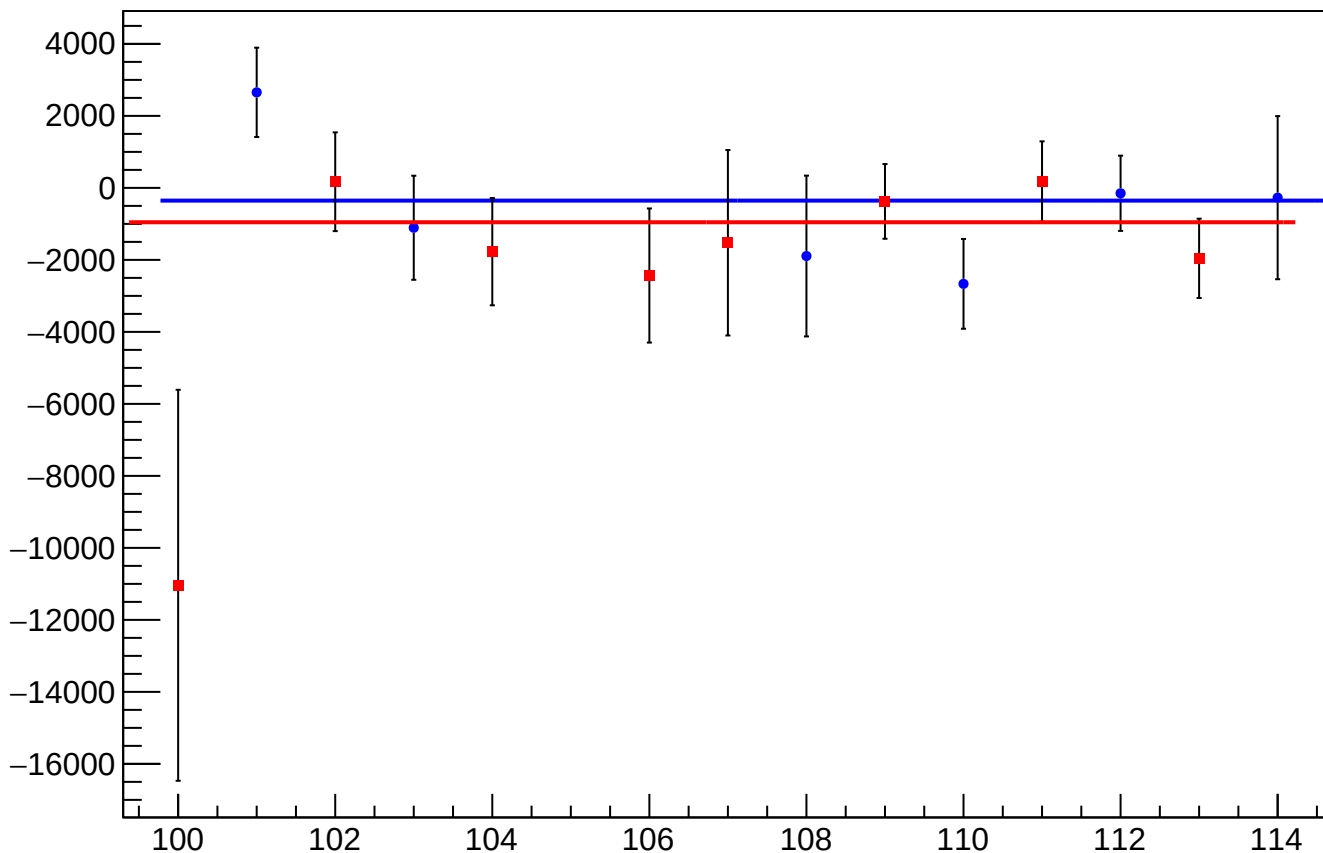
Right: 874.656+/-0.260 χ^2/NDF : 439759.5/13

In: 890.554+/-0.395 χ^2/NDF : 212717.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.656+/-0.260 χ^2/NDF : 439759.5/13

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

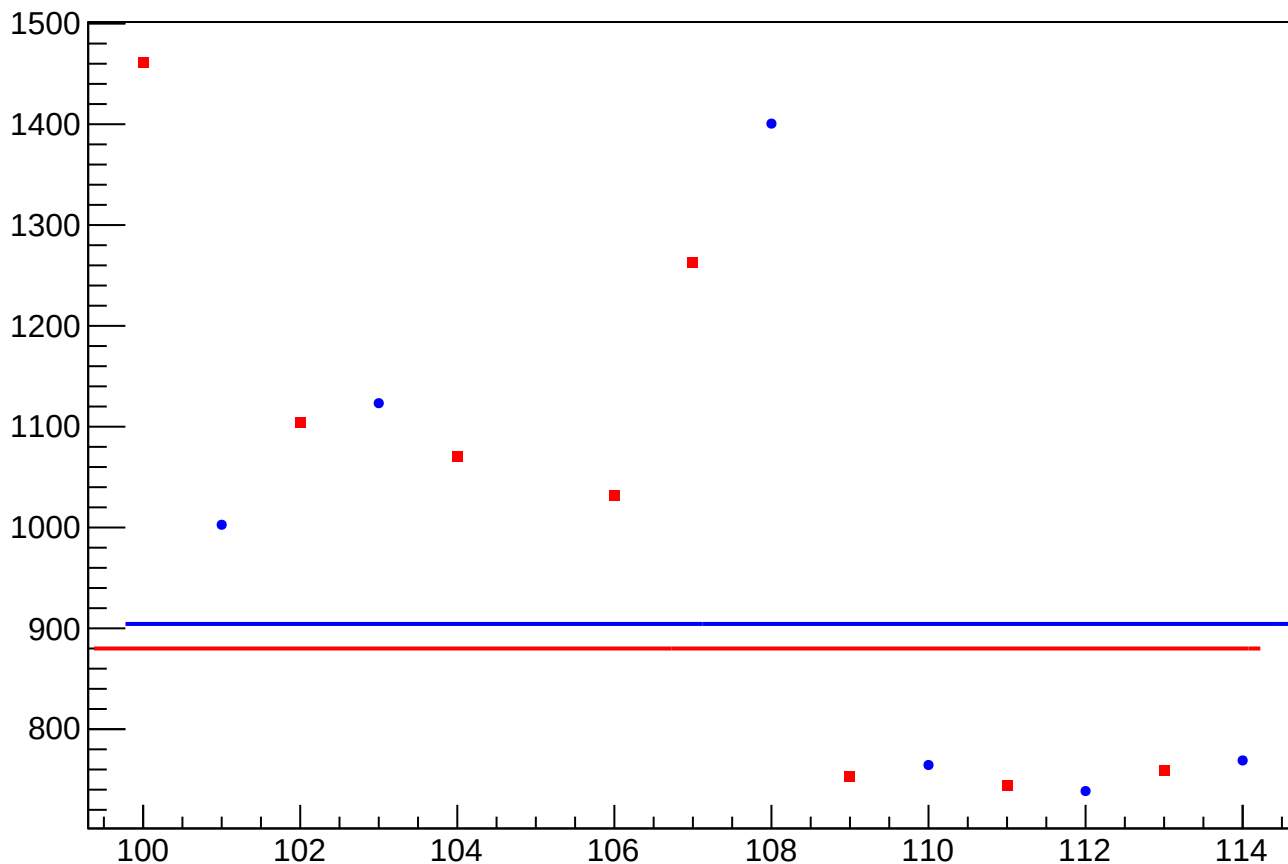
Right: -693.314+/-375.412 χ^2 /NDF: 18.0/13

In: -353.433+/-569.595 χ^2 /NDF:10.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -693.314+/-375.412 χ^2 /NDF: 18.0/13

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

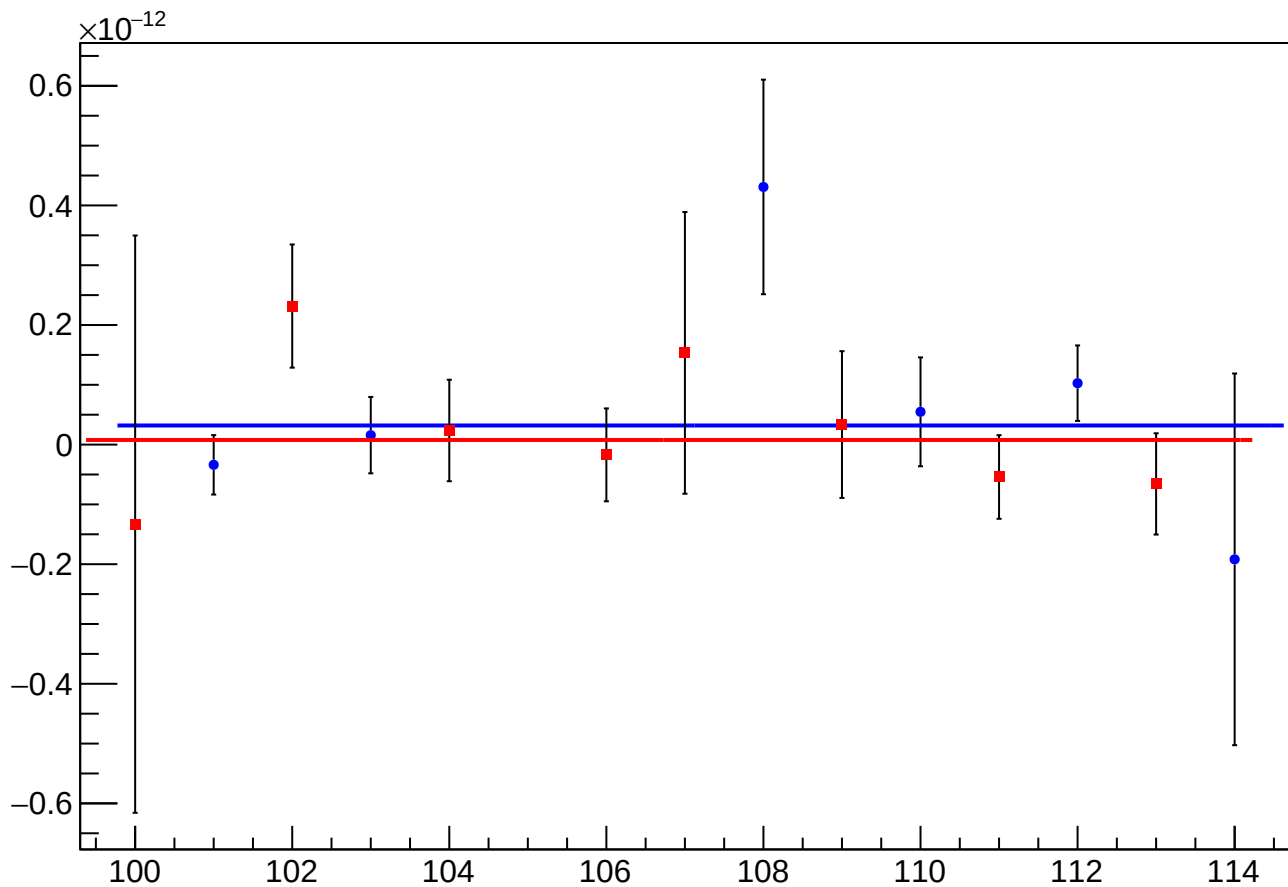
Right: 890.587+/-0.265 χ^2/NDF : 491702.0/13

In: 904.371+/-0.403 χ^2/NDF : 239821.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.587+/-0.265 χ^2/NDF : 491702.0/13

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

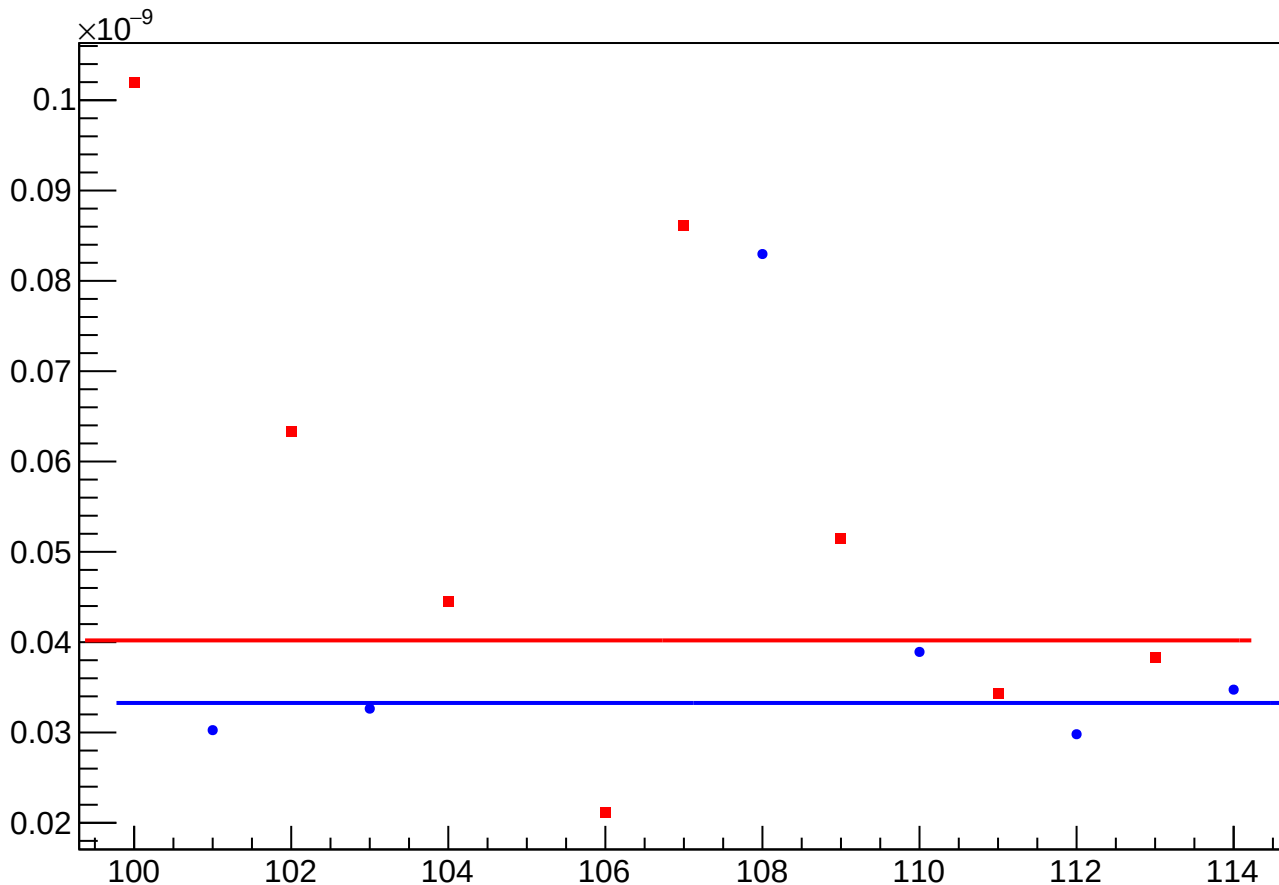
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/13

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

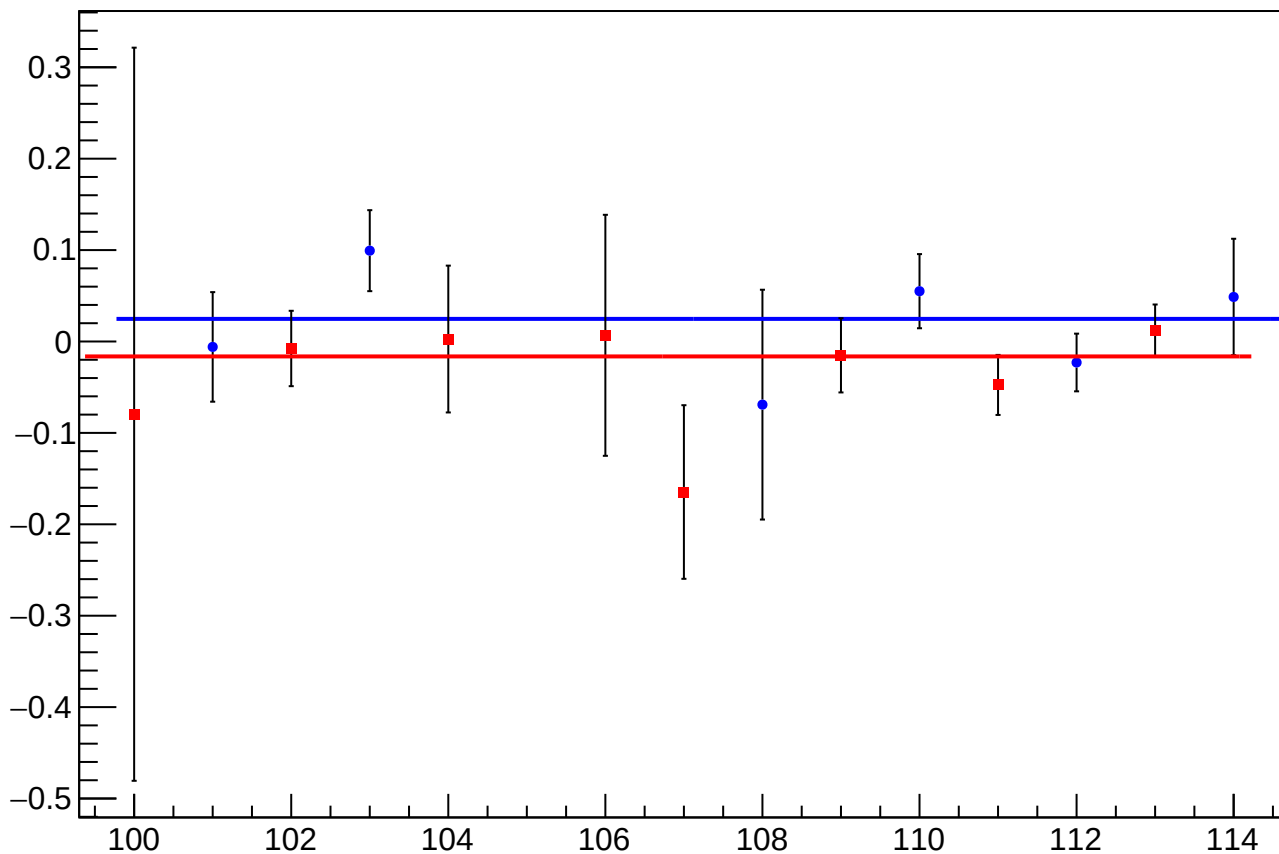
Right: 0.000+/-0.000 χ^2/NDF : 586122.1/13

In: 0.000+/-0.000 χ^2/NDF : 174780.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 586122.1/13

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

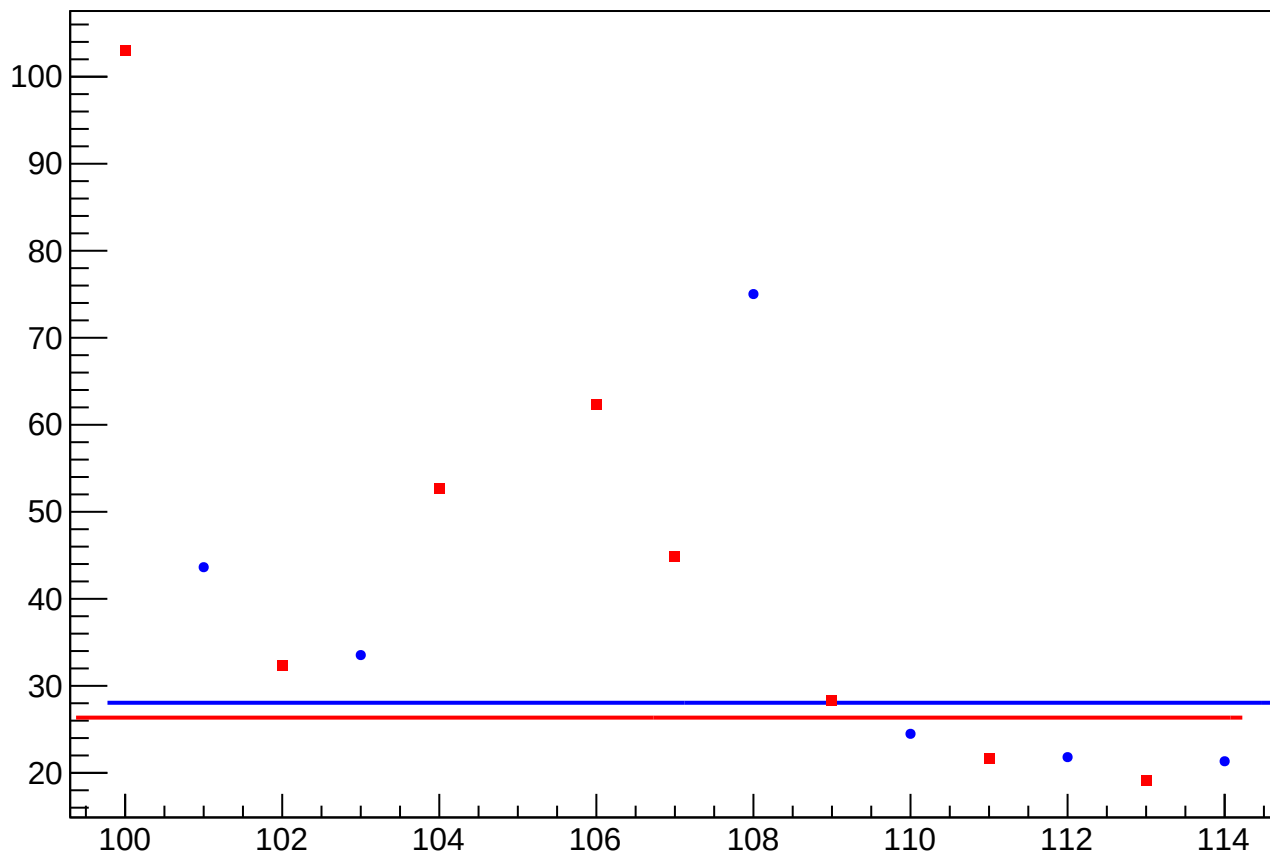
Right: 0.001+/-0.012 χ^2/NDF : 13.8/13

In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 13.8/13

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

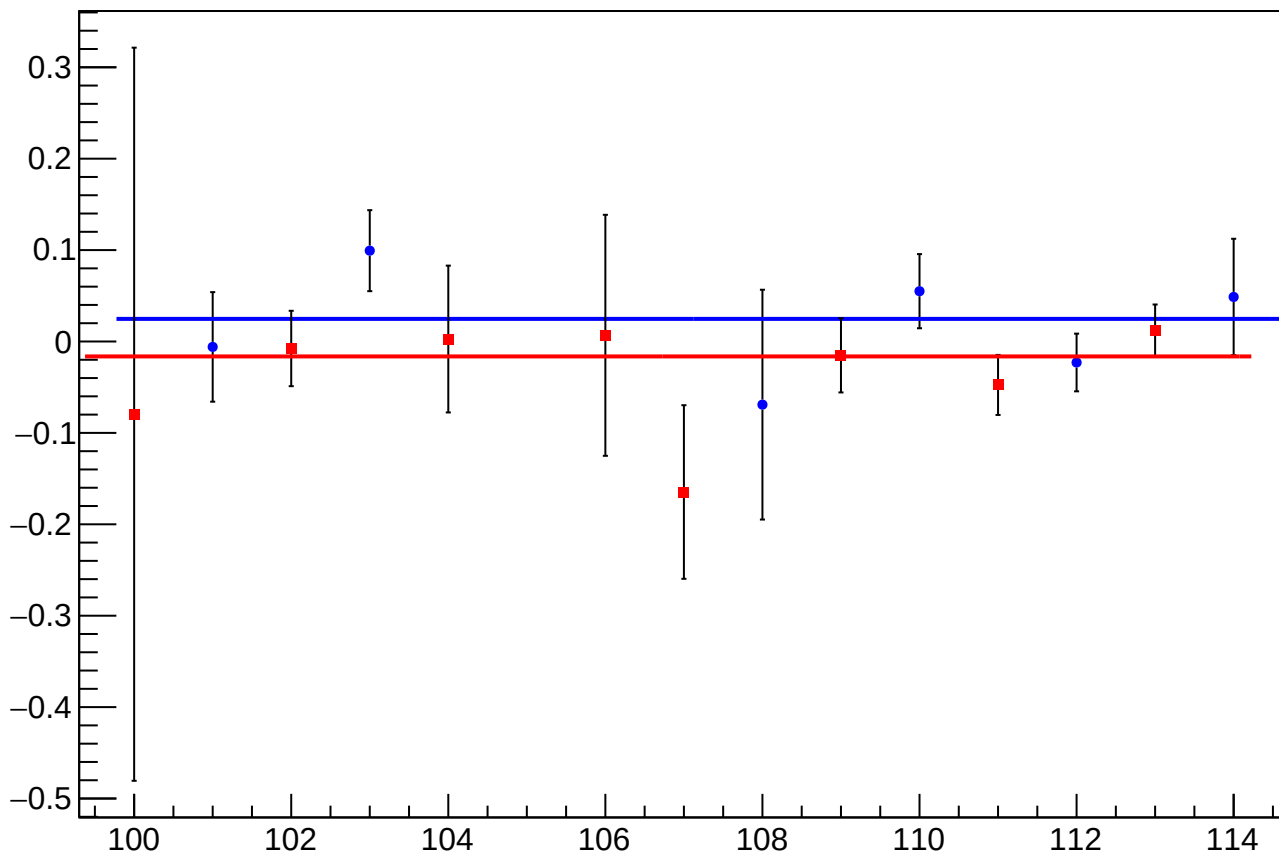
Right: 27.071+/-0.009 χ^2/NDF : 1302022.5/13

In: 28.057+/-0.014 χ^2/NDF : 561031.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.071+/-0.009 χ^2/NDF : 1302022.5/13

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

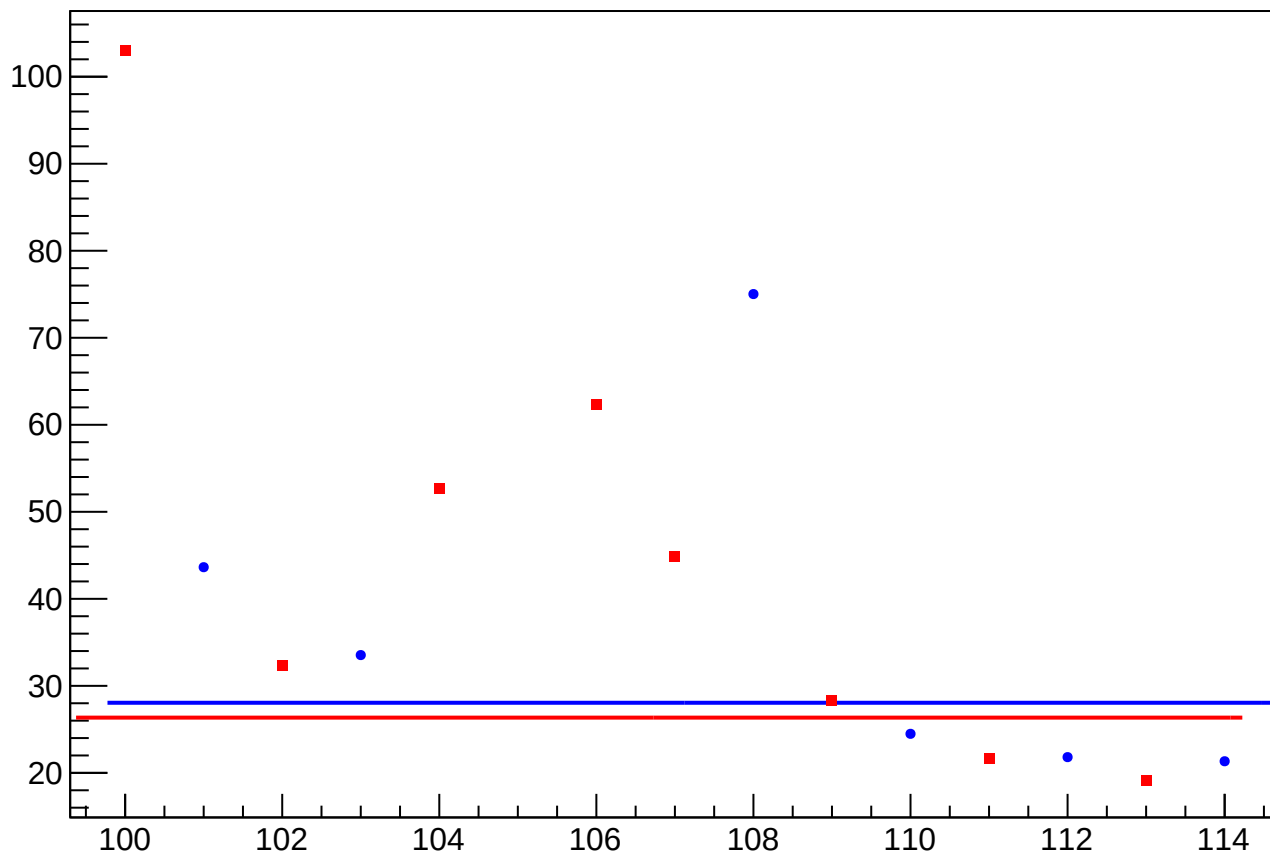
Right: 0.001+/-0.012 χ^2/NDF : 13.8/13

In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 13.8/13

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

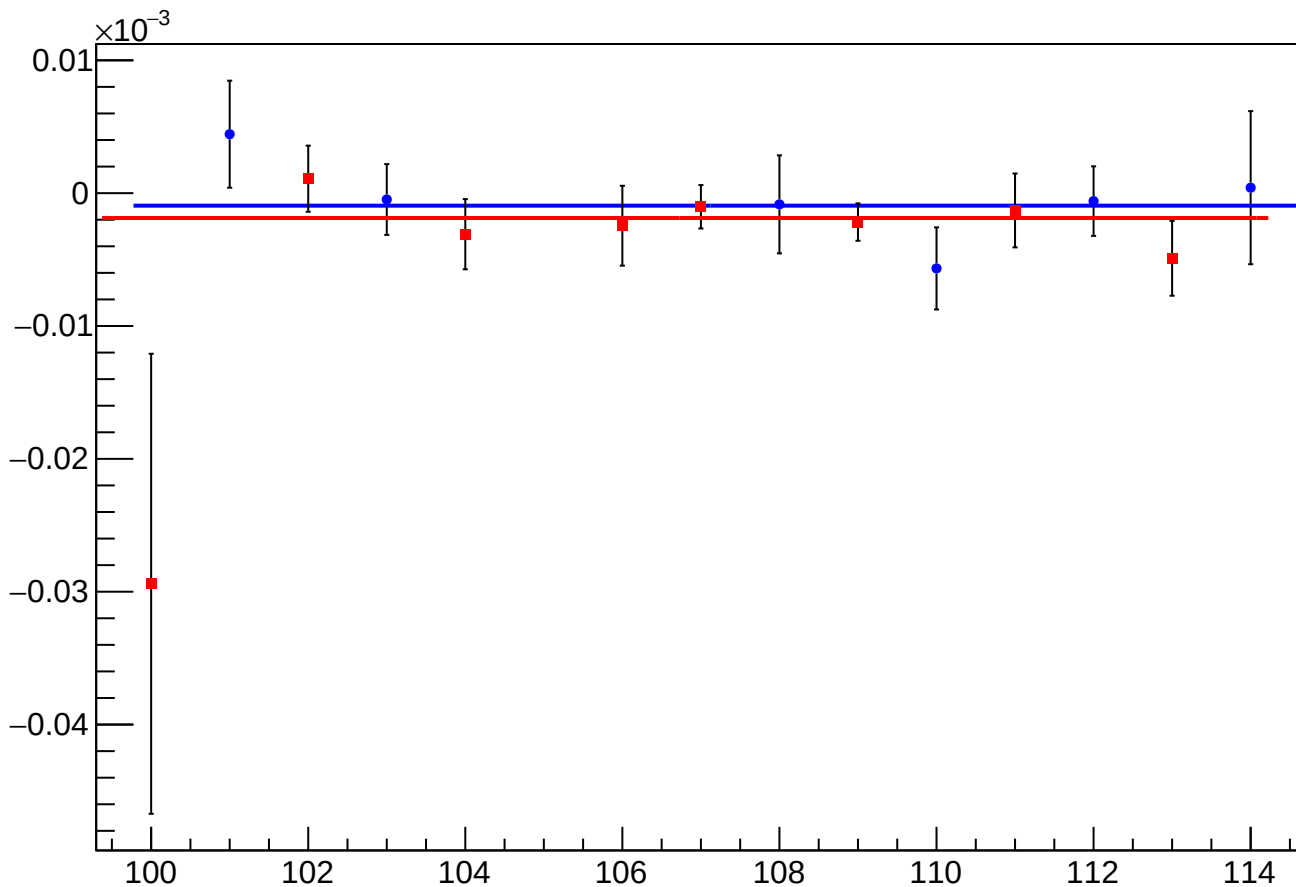
Right: 27.071+/-0.009 χ^2/NDF : 1302022.5/13

In: 28.057+/-0.014 χ^2/NDF : 561031.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.071+/-0.009 χ^2/NDF : 1302022.5/13

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

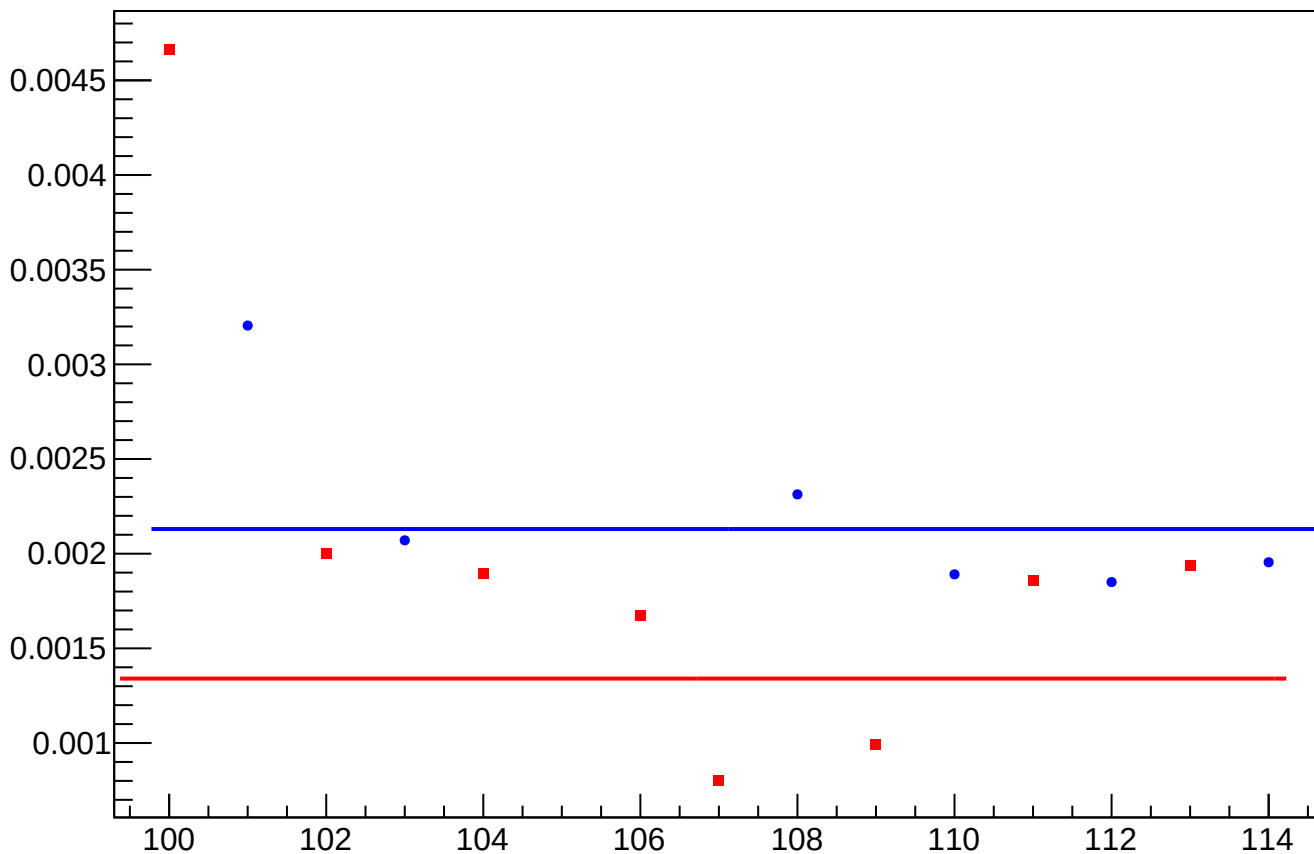
Right: -0.000+/-0.000 χ^2/NDF : 10.3/13

In: -0.000+/-0.000 χ^2/NDF :4.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/13

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

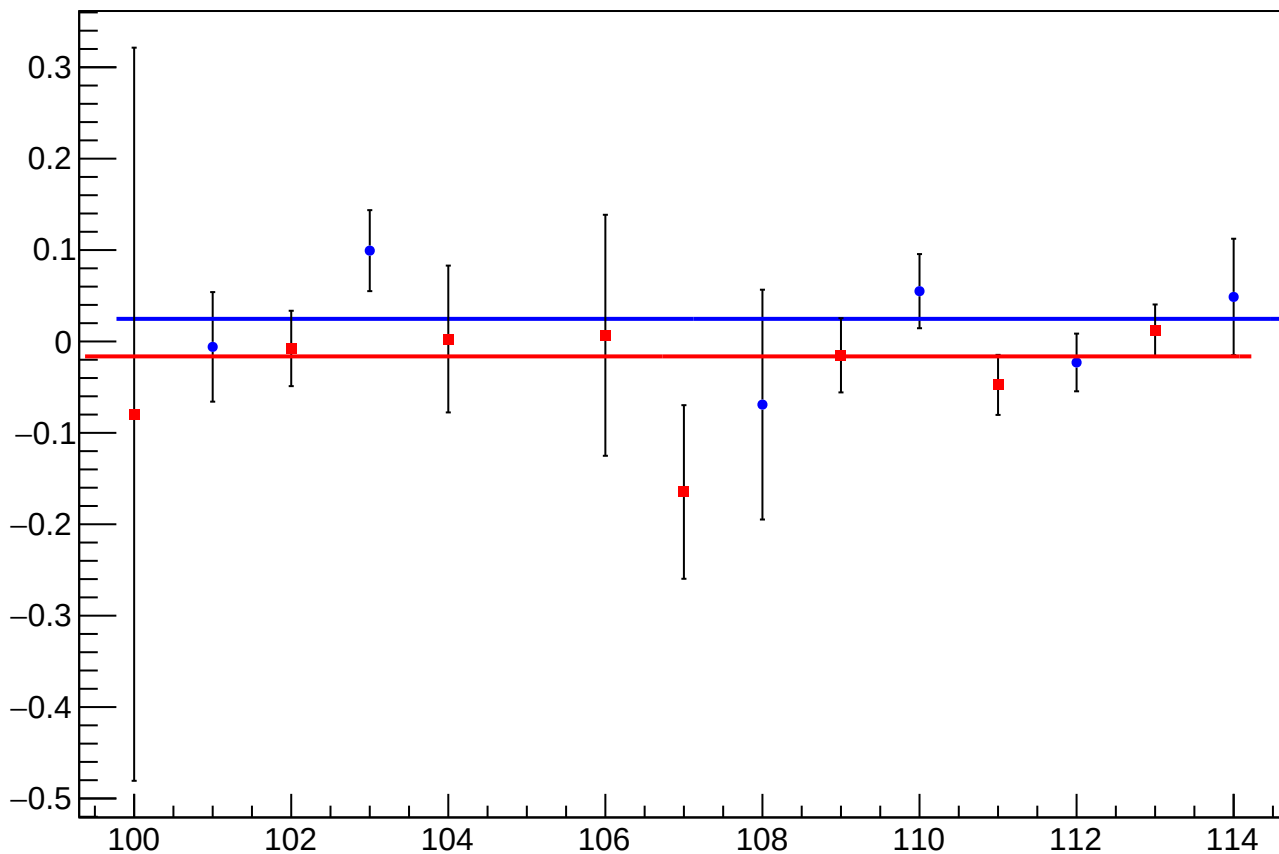
Right: 0.002+/-0.000 χ^2/NDF : 1524023.8/13

In: 0.002+/-0.000 χ^2/NDF : 185038.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1524023.8/13

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

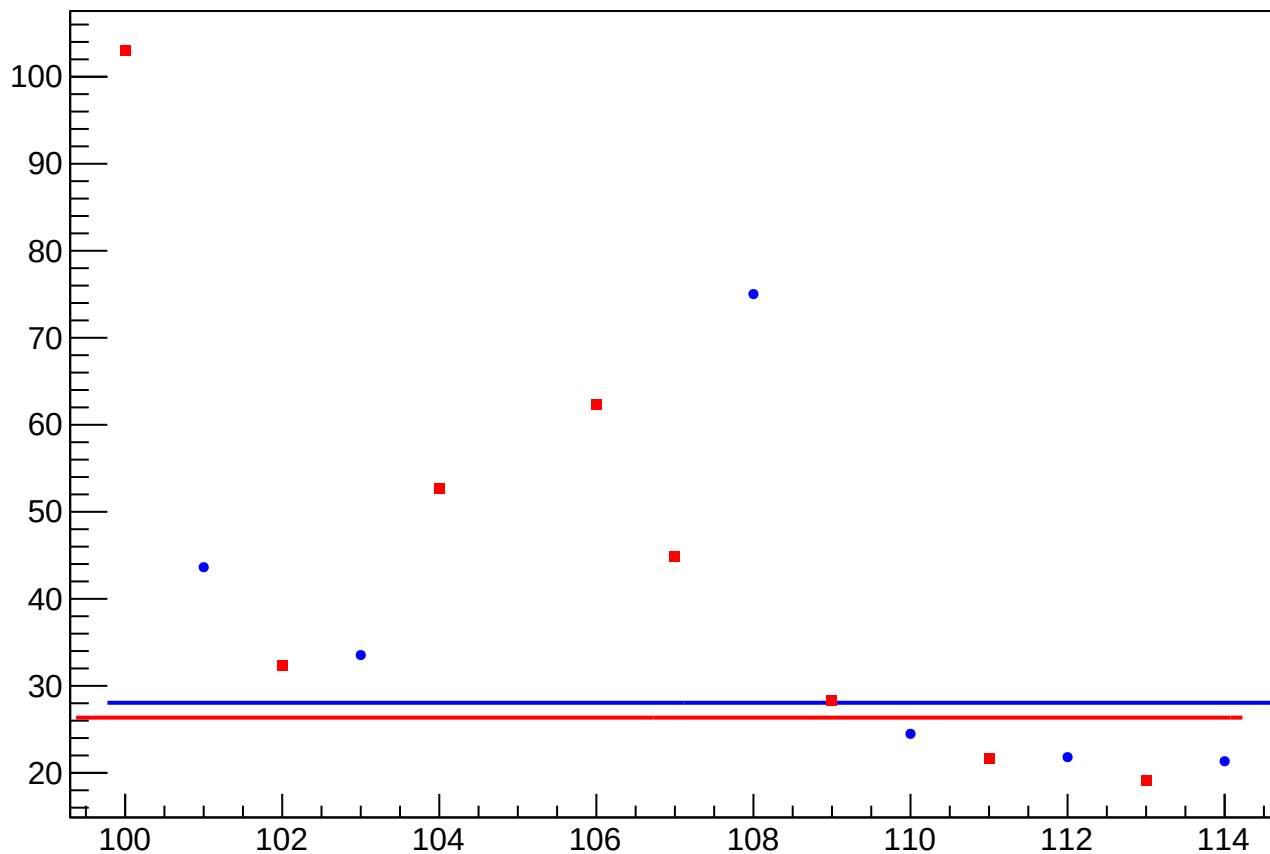
Right: 0.001+/-0.012 χ^2/NDF : 13.8/13

In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 13.8/13

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

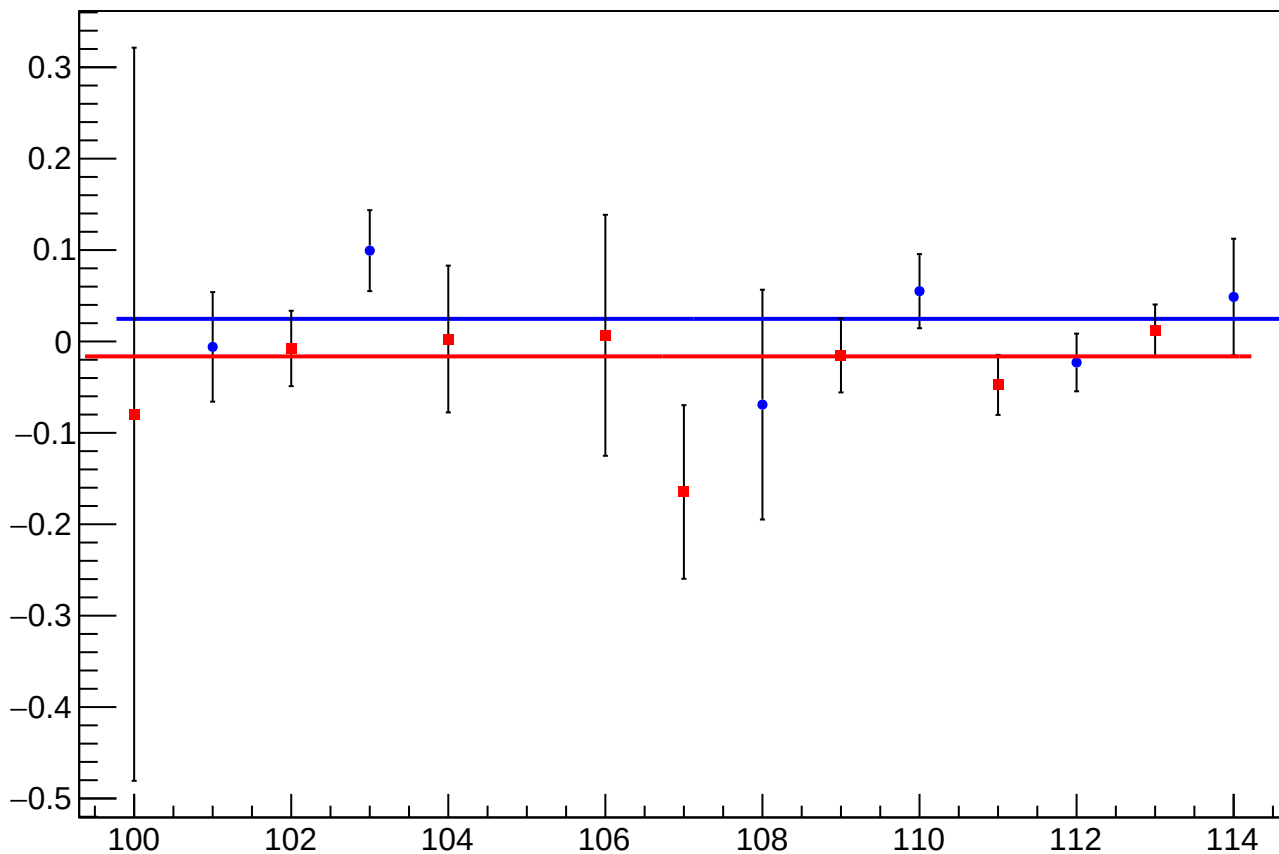
Right: 27.072+/-0.009 χ^2/NDF : 1302037.9/13

In: 28.057+/-0.014 χ^2/NDF : 561042.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.072+/-0.009 χ^2/NDF : 1302037.9/13

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

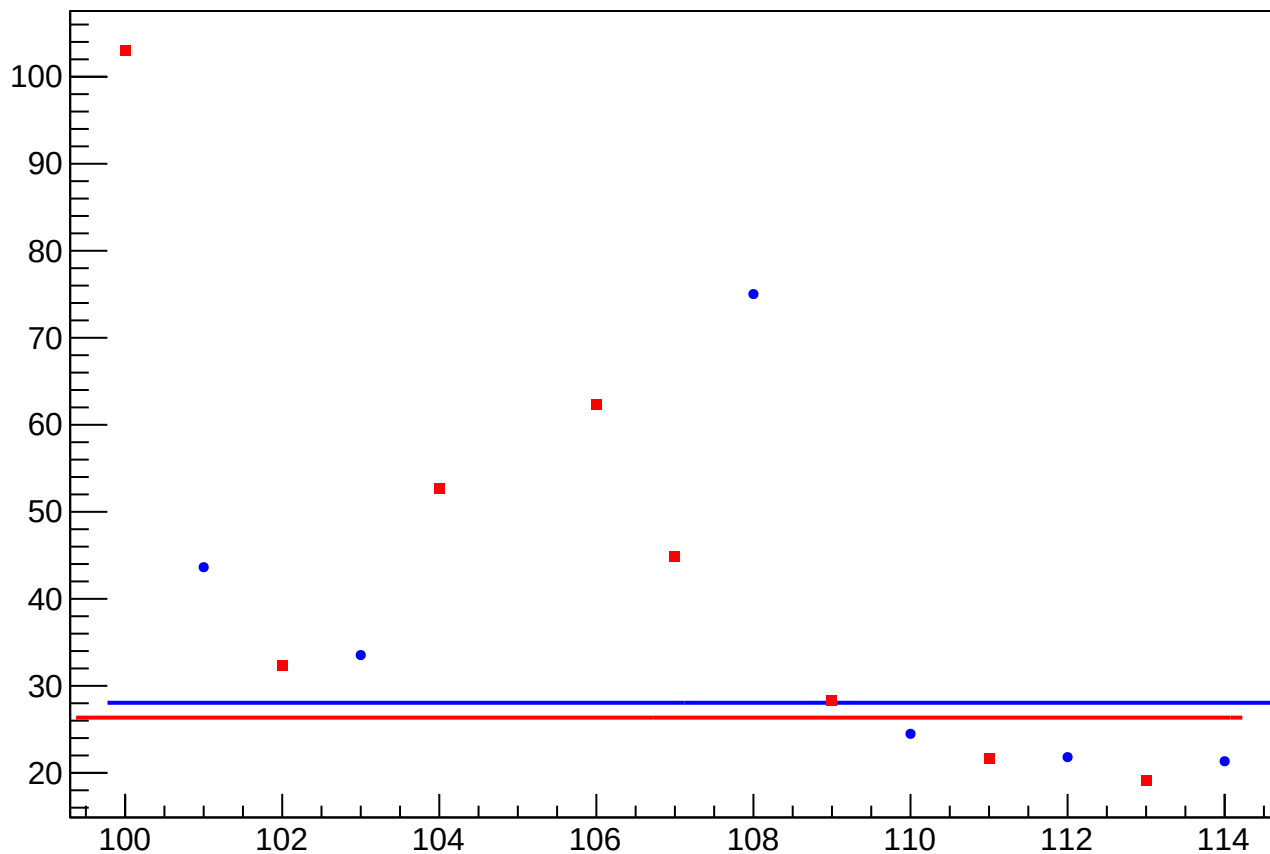
Right: 0.001+/-0.012 χ^2/NDF : 13.8/13

In: 0.025+/-0.019 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 13.8/13

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

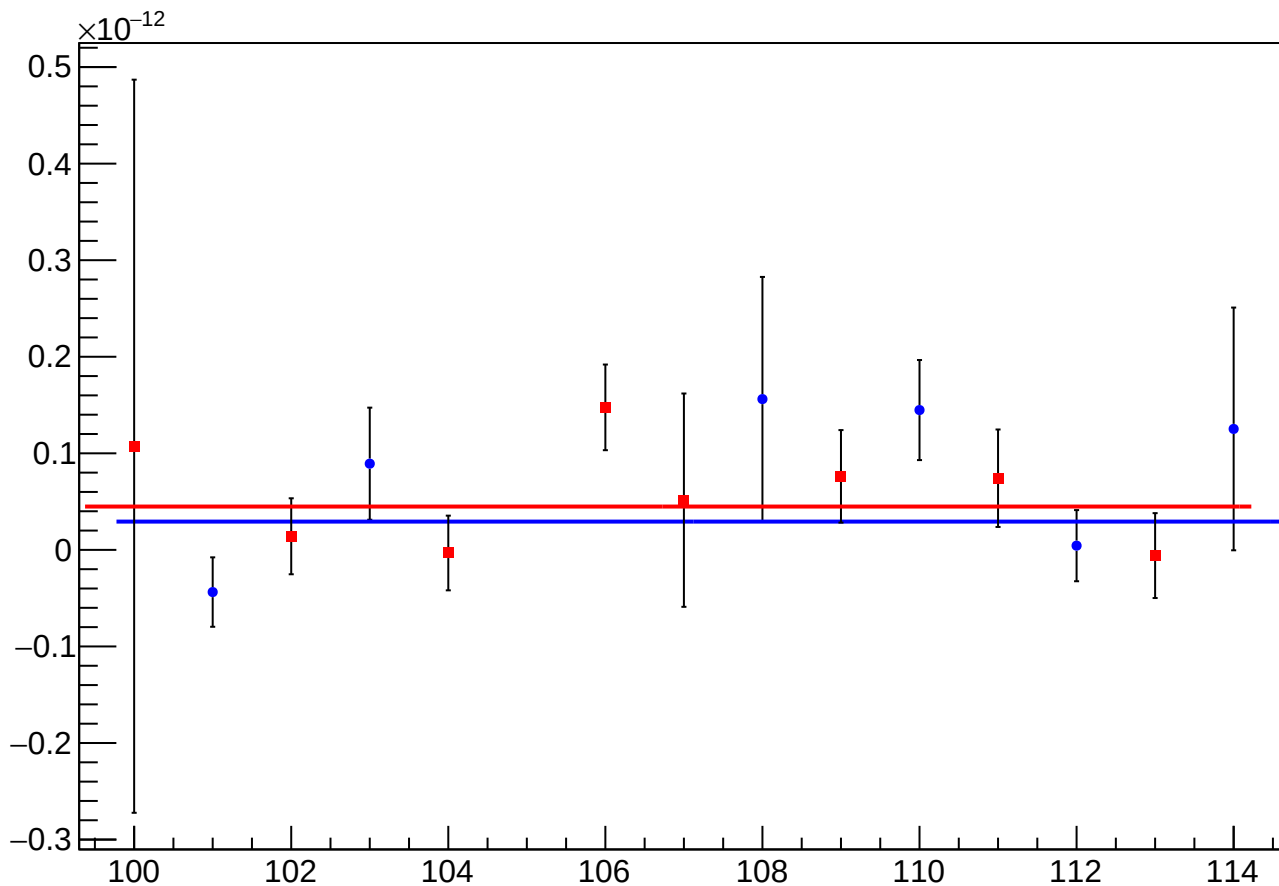
Right: 27.072+/-0.009 χ^2/NDF : 1302037.9/13

In: 28.057+/-0.014 χ^2/NDF : 561042.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.072+/-0.009 χ^2/NDF : 1302037.9/13

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.2/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

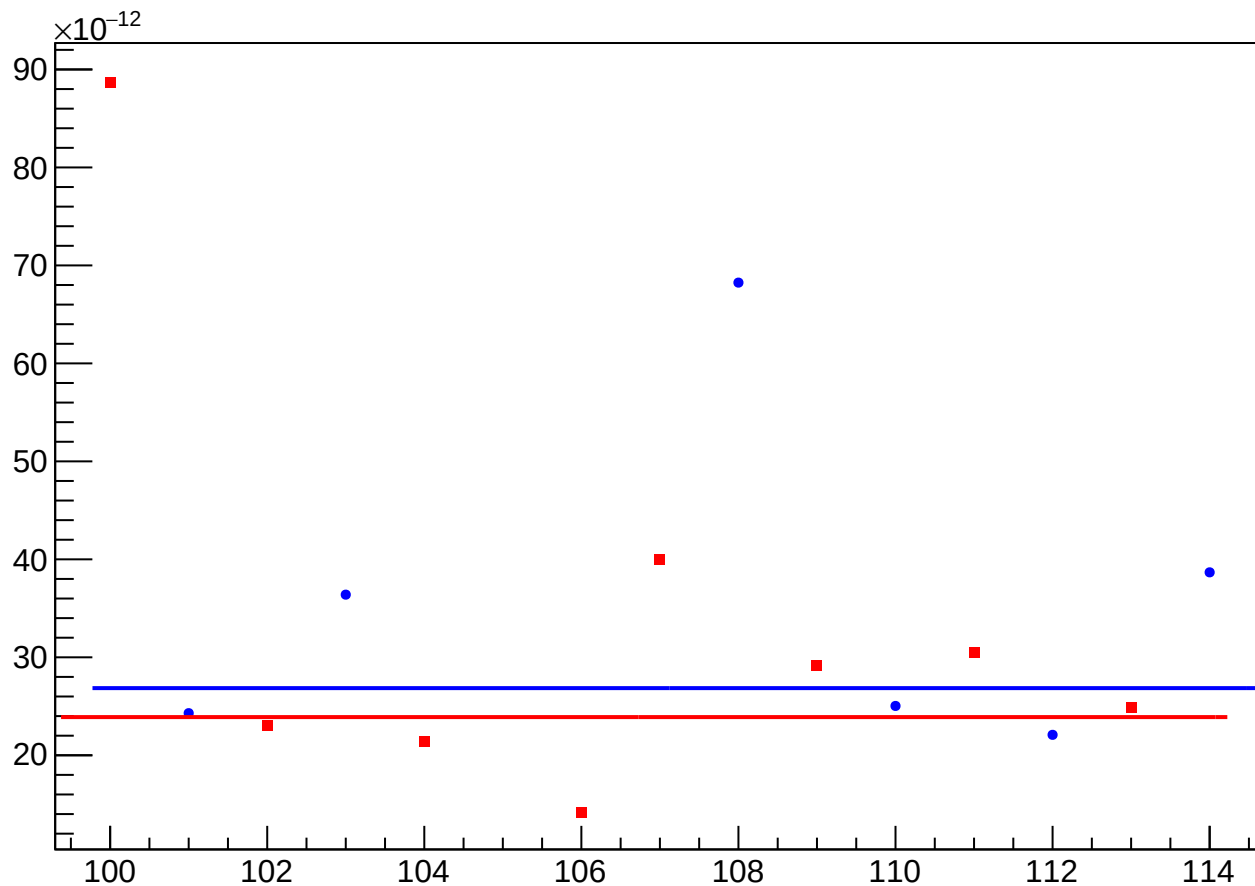
Right: 0.000+/-0.000 χ^2/NDF : 22.2/13

In: 0.000+/-0.000 χ^2/NDF : 12.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.2/13

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

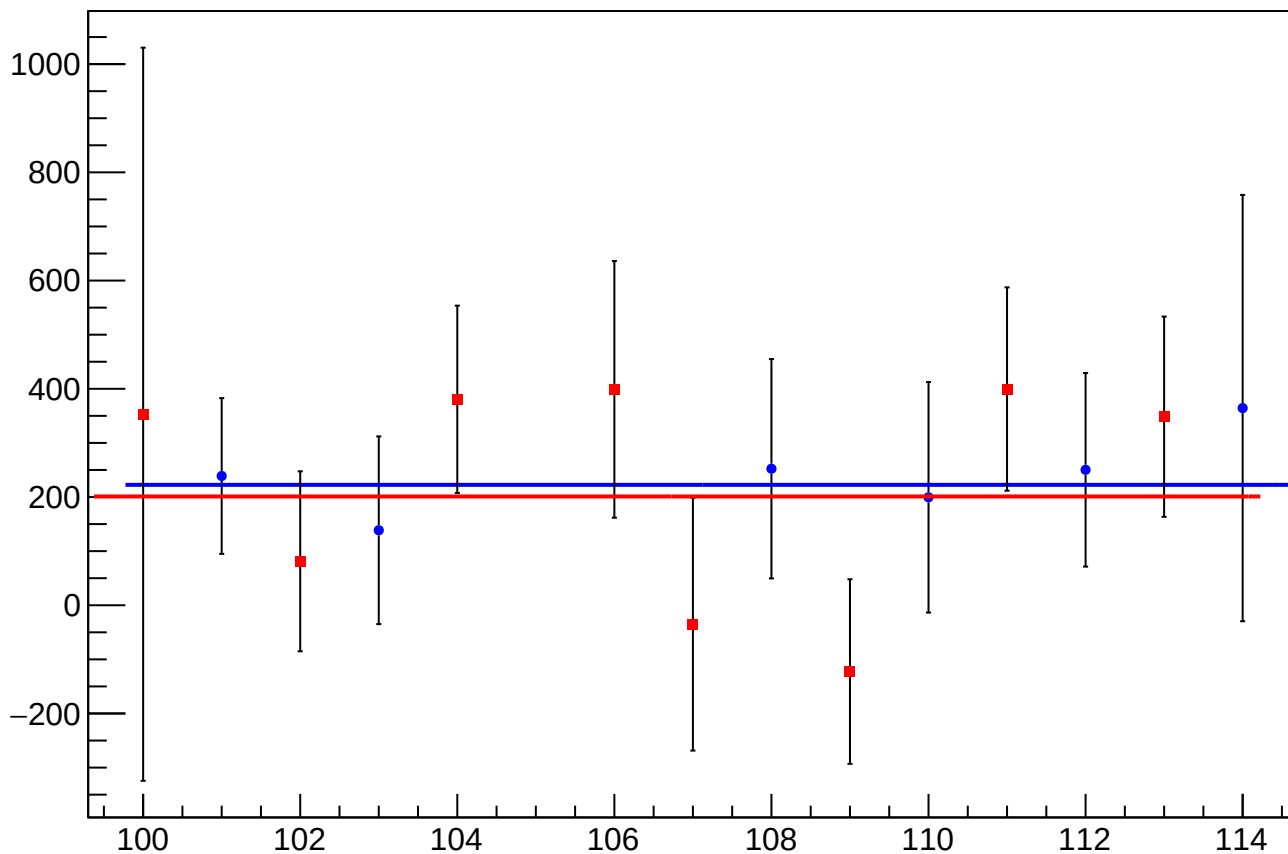
Right: 0.000+/-0.000 χ^2/NDF : 622059.7/13

In: 0.000+/-0.000 χ^2/NDF : 331879.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 622059.7/13

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 222.505+/-77.710 χ^2/NDF : 0.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.042+/-70.760 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

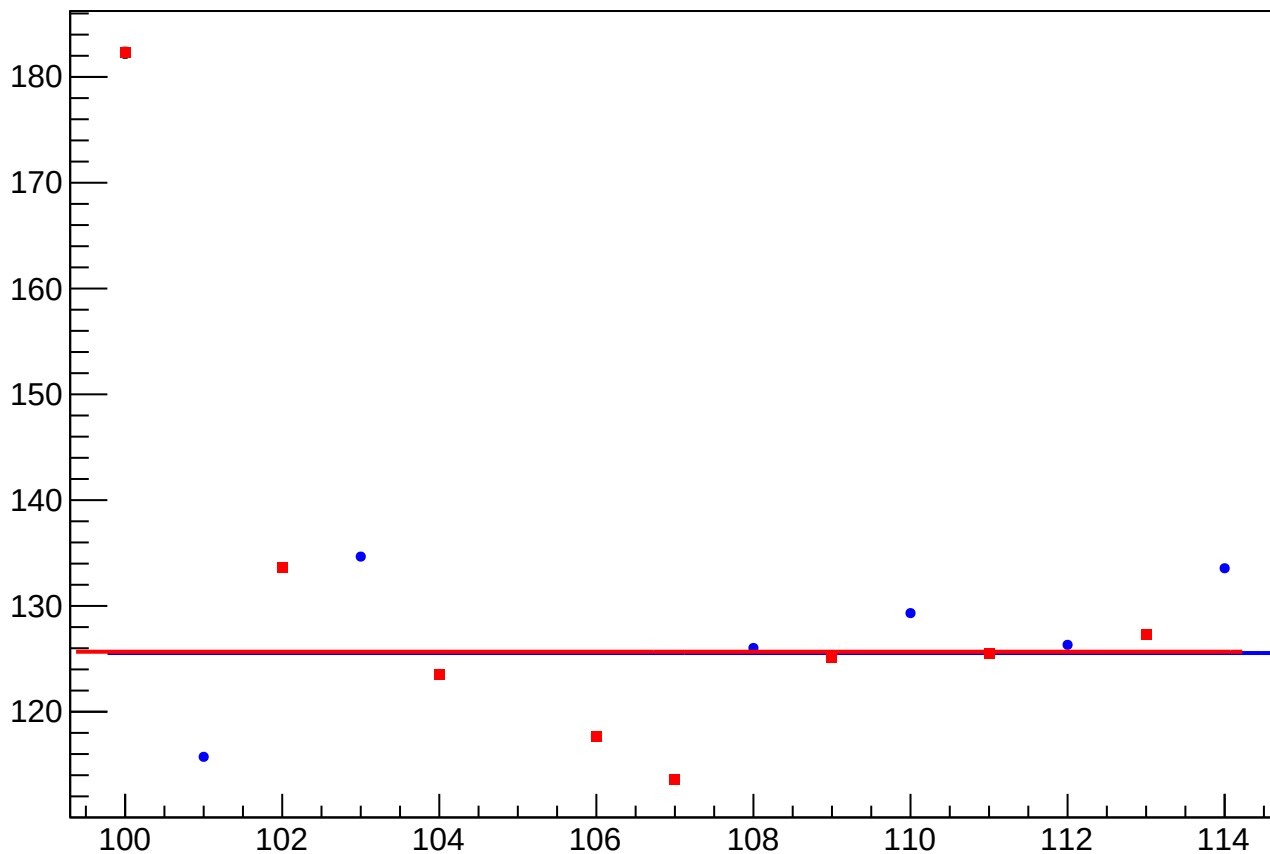
Right: 210.771+/-52.320 χ^2/NDF : 9.2/13

In: 222.505+/-77.710 χ^2/NDF : 0.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.771+/-52.320 χ^2/NDF : 9.2/13

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 125.550+/-0.055 χ^2/NDF : 16321.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.671+/-0.050 χ^2/NDF : 26623.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

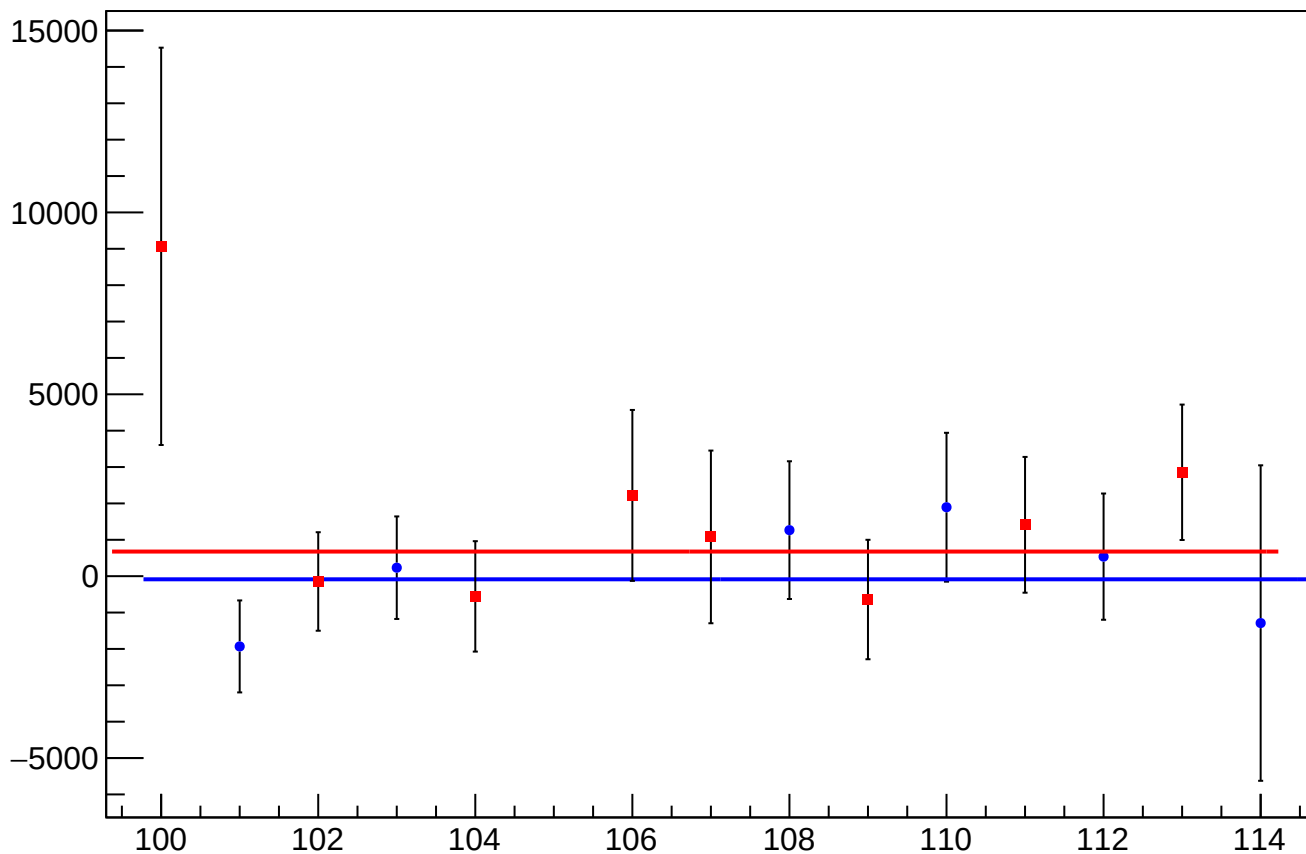
Right: 125.616+/-0.037 χ^2/NDF : 42947.9/13

In: 125.550+/-0.055 χ^2/NDF : 16321.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.616+/-0.037 χ^2/NDF : 42947.9/13

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

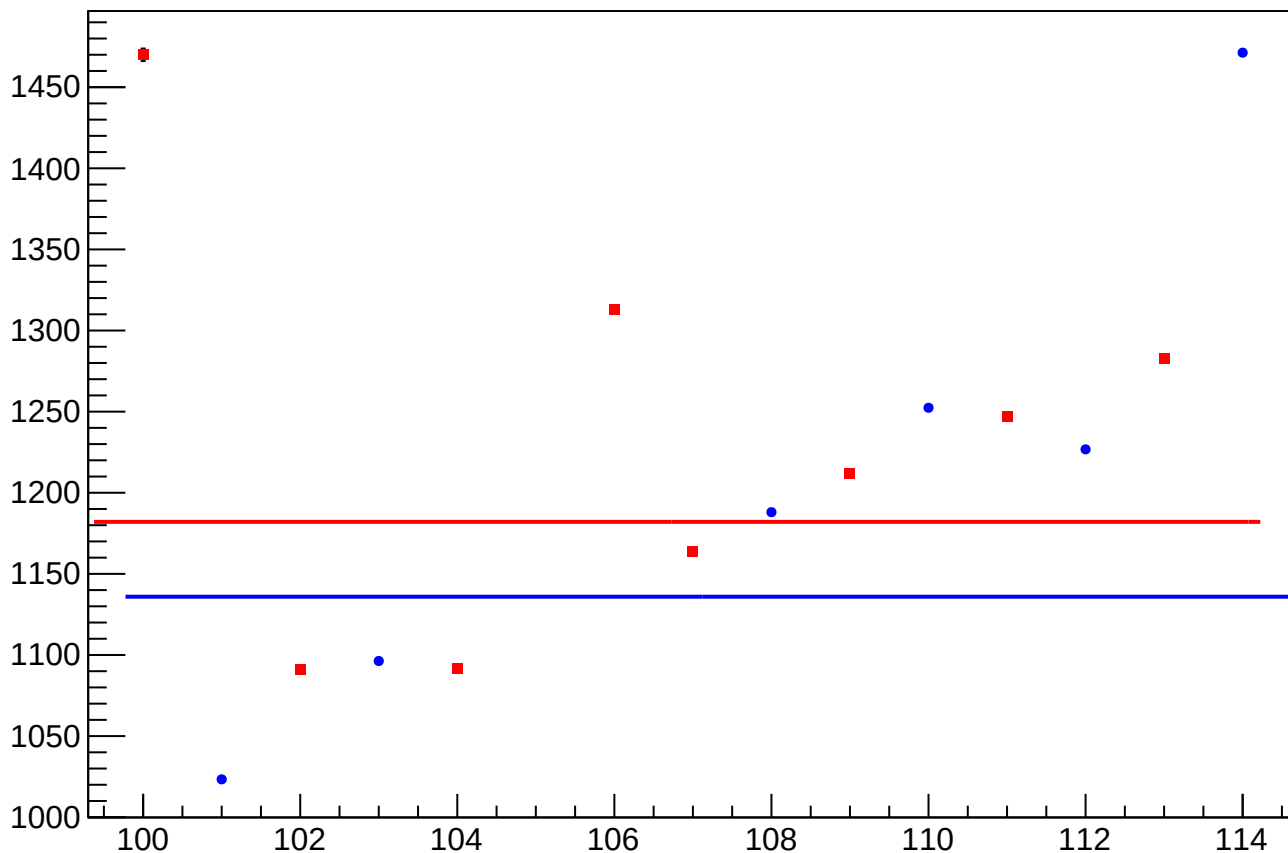
Right: 320.301 ± 479.446 χ^2/NDF : 10.5/13

In: -86.145 ± 701.507 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 320.301 ± 479.446 χ^2/NDF : 10.5/13

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

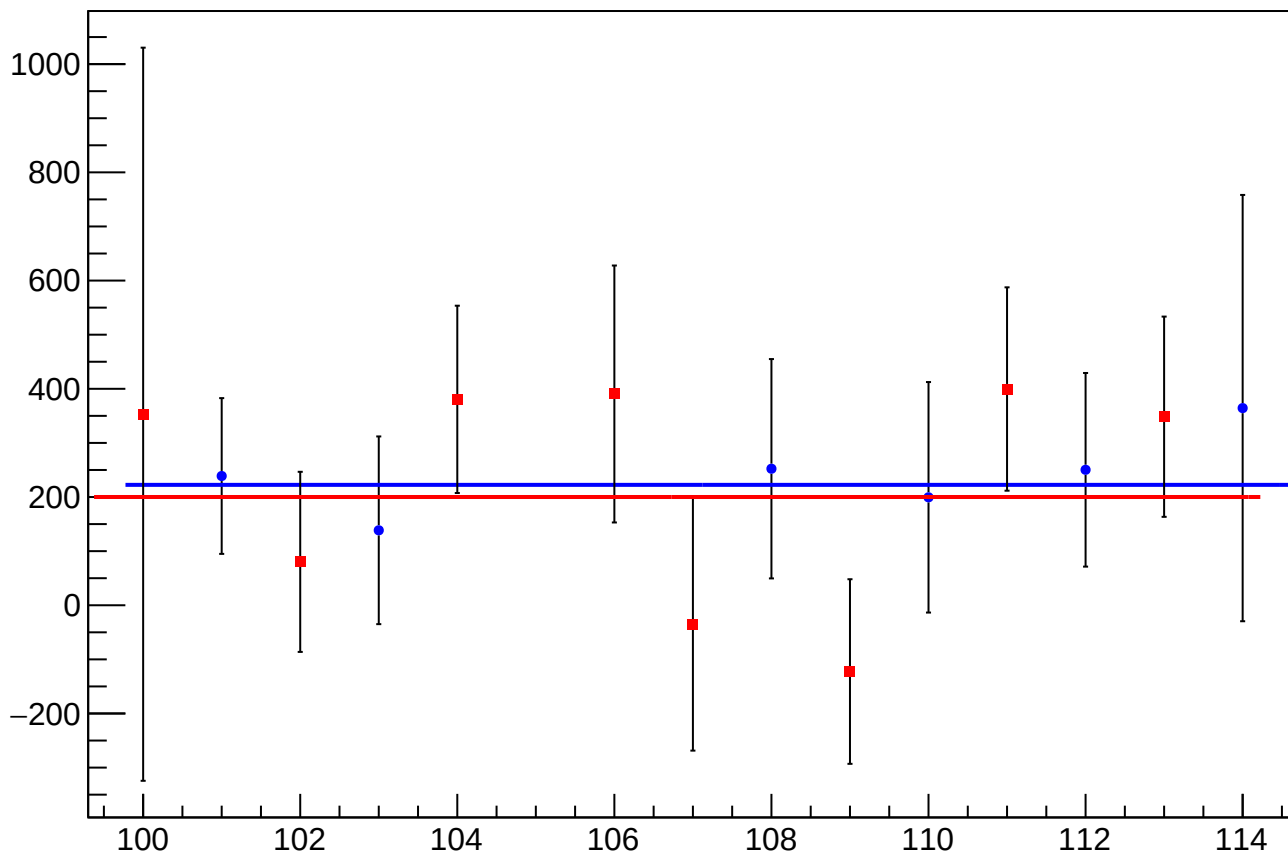
Right: 1160.505 $\pm$ 0.339 χ^2 /NDF: 84458.0/13

In: 1135.918 $\pm$ 0.496 χ^2 /NDF:42877.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1160.505 $\pm$ 0.339 χ^2 /NDF: 84458.0/13

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

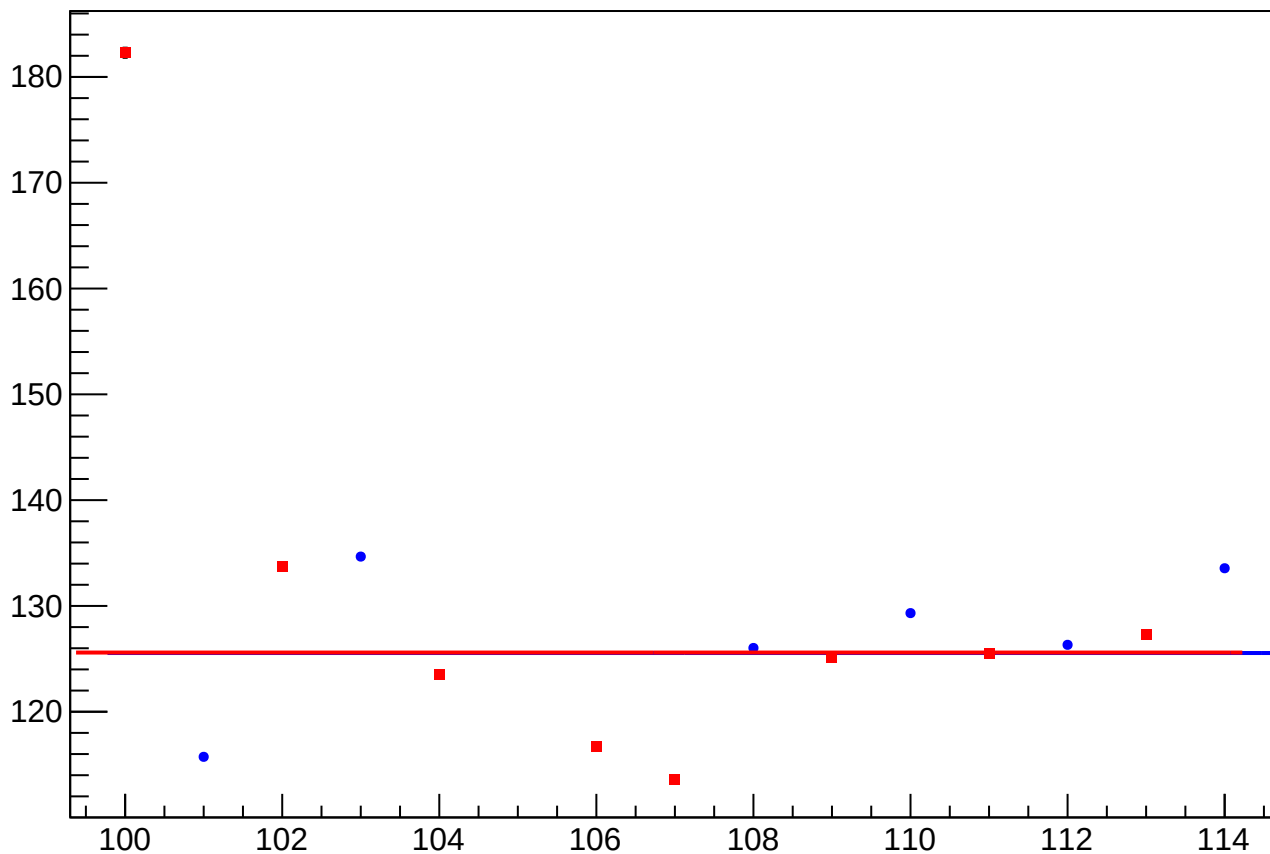
Right: 210.239 $\pm$ 52.326 χ^2 /NDF: 9.1/13

In: 222.498 $\pm$ 77.711 χ^2 /NDF: 0.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 210.239 $\pm$ 52.326 χ^2 /NDF: 9.1/13

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

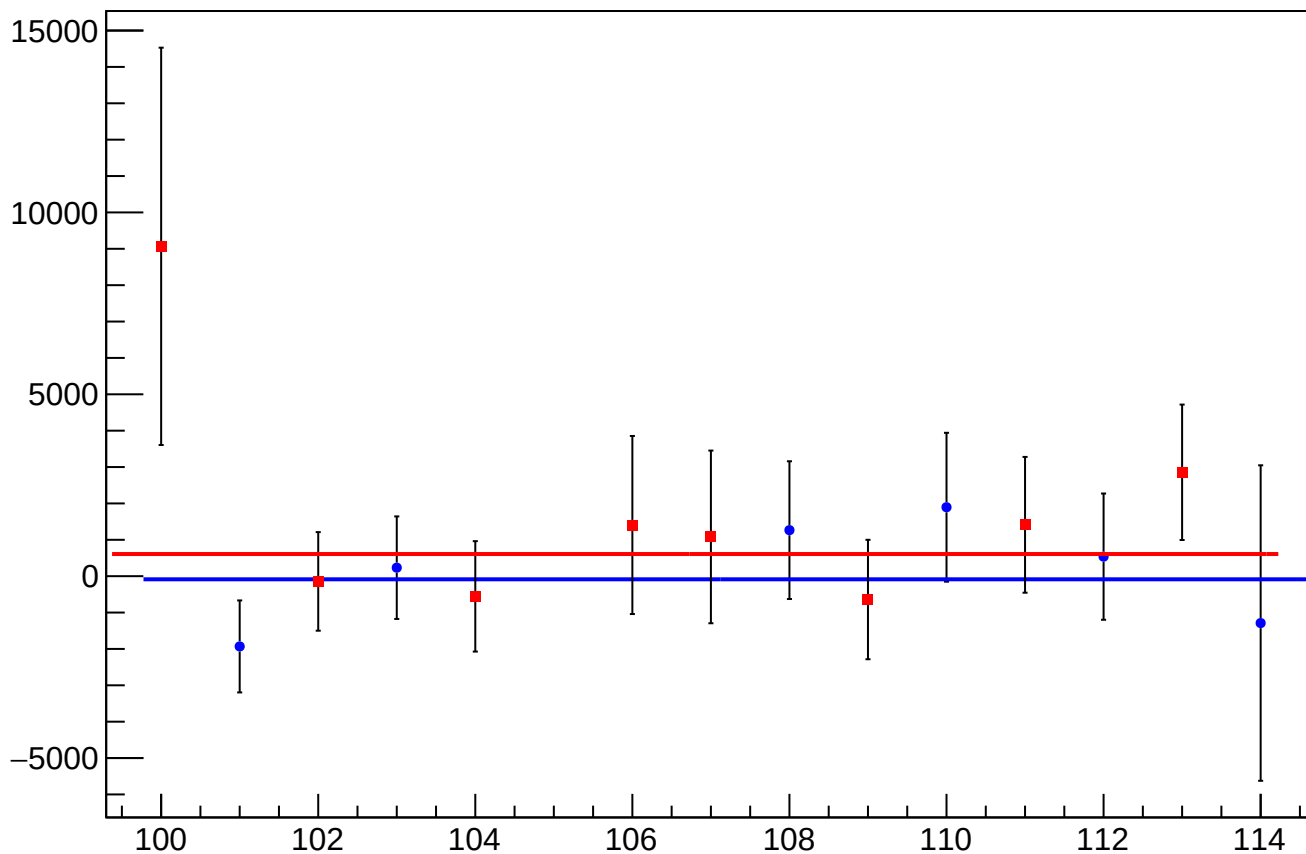
Right: 125.574 $\pm$ 0.037 χ^2 /NDF: 43625.8/13

In: 125.550 $\pm$ 0.055 χ^2 /NDF:16322.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.574 $\pm$ 0.037 χ^2 /NDF: 43625.8/13

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

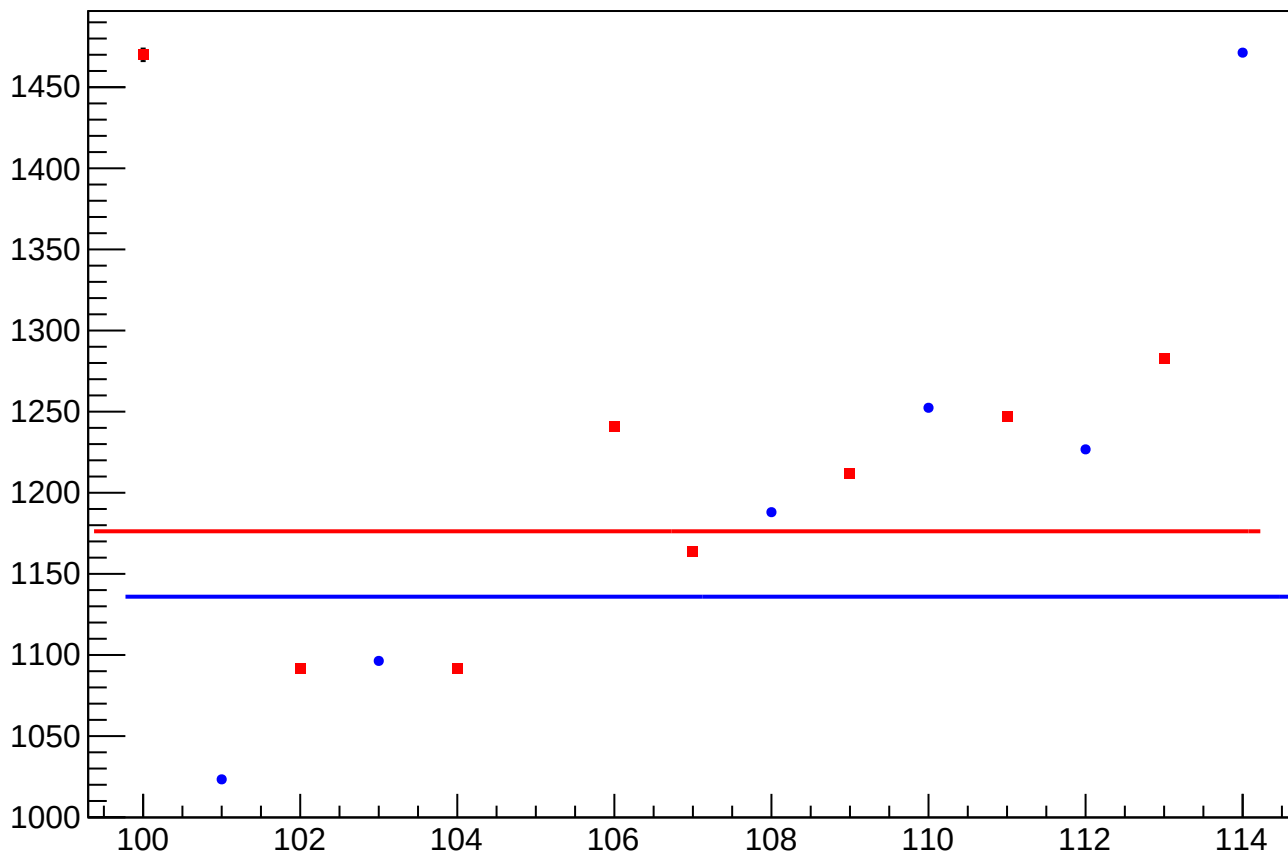
Right: 283.217 ± 480.279 χ^2/NDF : 10.0/13

In: -85.983 ± 701.517 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 283.217 ± 480.279 χ^2/NDF : 10.0/13

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1135.934+/-0.496 χ^2/NDF : 42872.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.247+/-0.466 χ^2/NDF : 31600.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

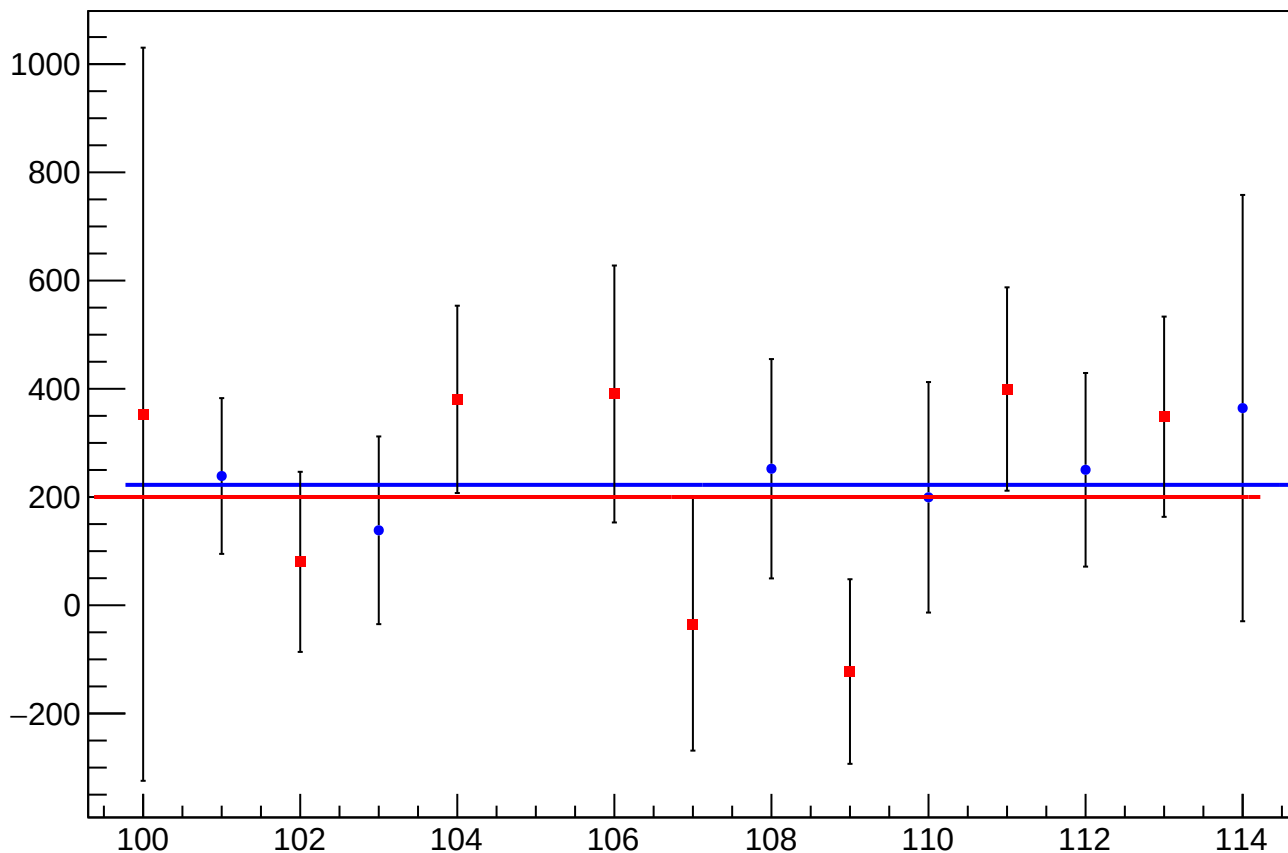
Right: 1157.352+/-0.340 χ^2/NDF : 77981.2/13

In: 1135.934+/-0.496 χ^2/NDF : 42872.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.352+/-0.340 χ^2/NDF : 77981.2/13

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

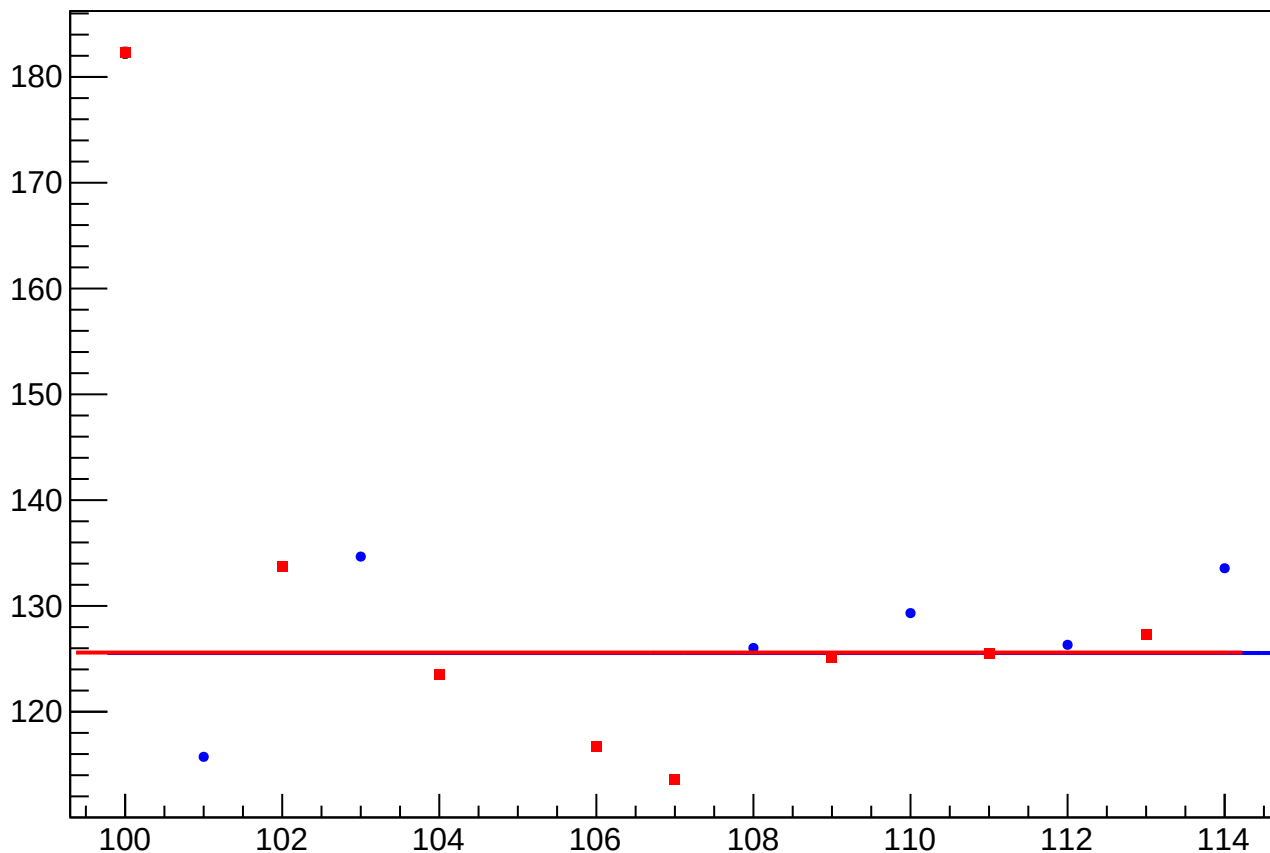
Right: 210.239 $\pm$ 52.326 χ^2 /NDF: 9.1/13

In: 222.498 $\pm$ 77.711 χ^2 /NDF:0.4/5

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 210.239 $\pm$ 52.326 χ^2 /NDF: 9.1/13

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

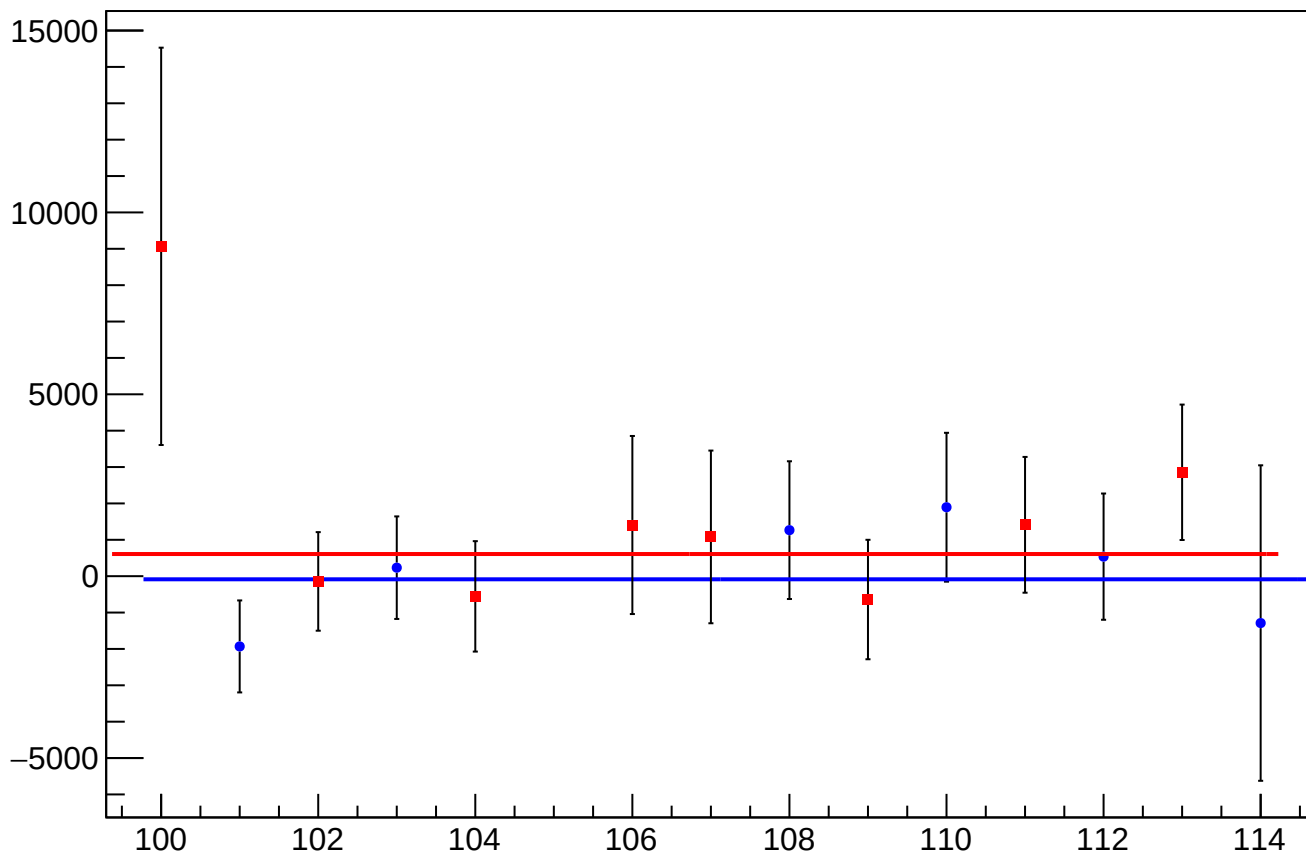
Right: 125.574 $\pm$ 0.037 χ^2 /NDF: 43625.8/13

In: 125.550 $\pm$ 0.055 χ^2 /NDF:16322.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.574 $\pm$ 0.037 χ^2 /NDF: 43625.8/13

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

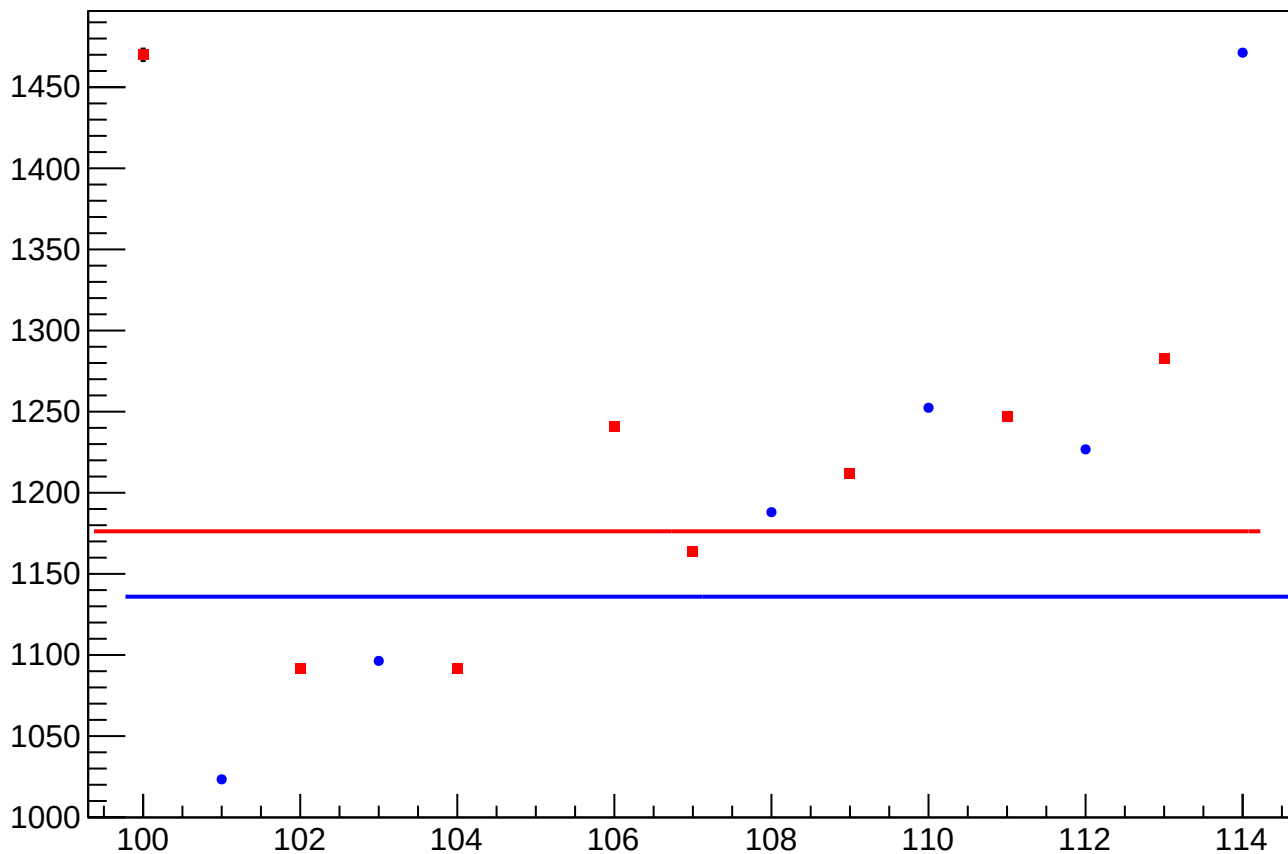
Right: 283.217 ± 480.279 χ^2/NDF : 10.0/13

In: -85.983 ± 701.517 χ^2/NDF : 3.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 283.217 ± 480.279 χ^2/NDF : 10.0/13

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1135.934+/-0.496 χ^2/NDF : 42872.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.247+/-0.466 χ^2/NDF : 31600.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

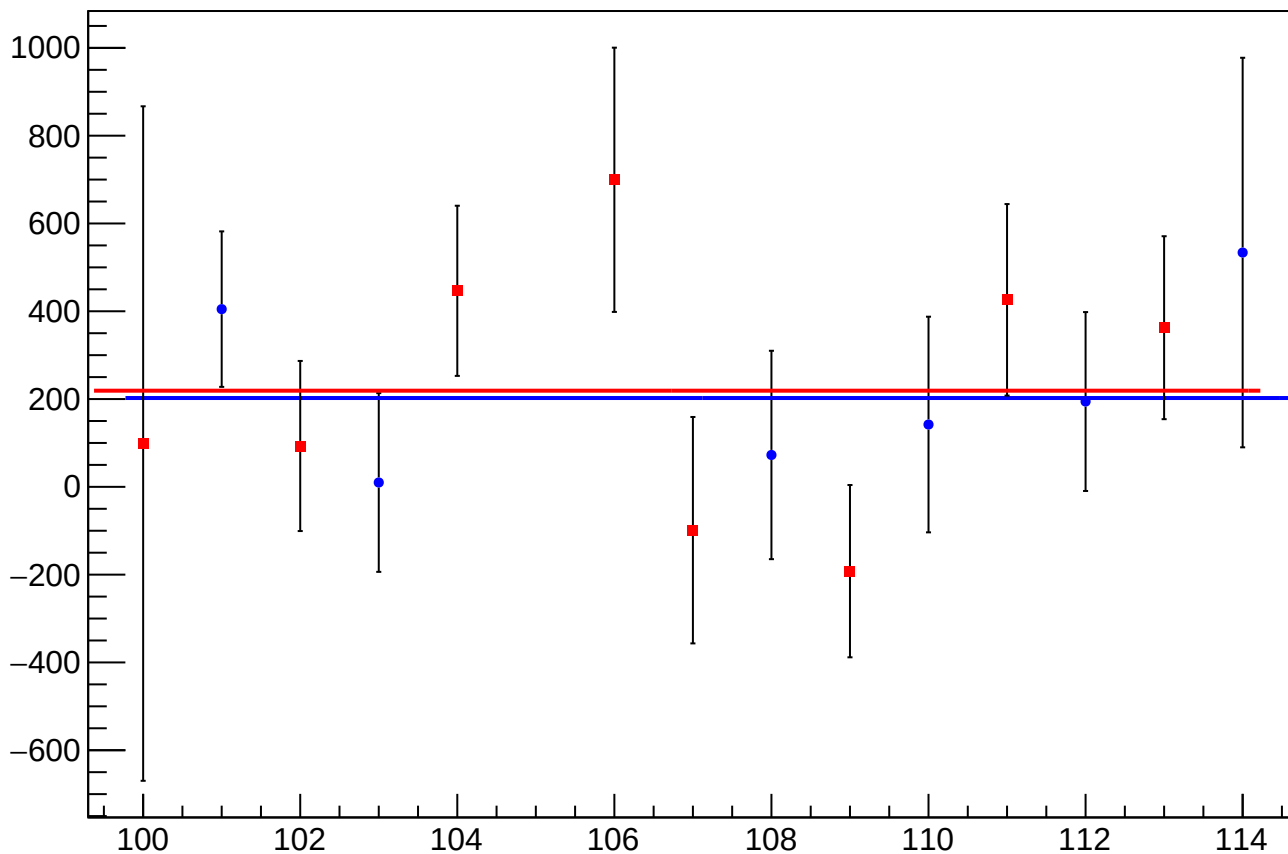
Right: 1157.352+/-0.340 χ^2/NDF : 77981.2/13

In: 1135.934+/-0.496 χ^2/NDF : 42872.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.352+/-0.340 χ^2/NDF : 77981.2/13

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

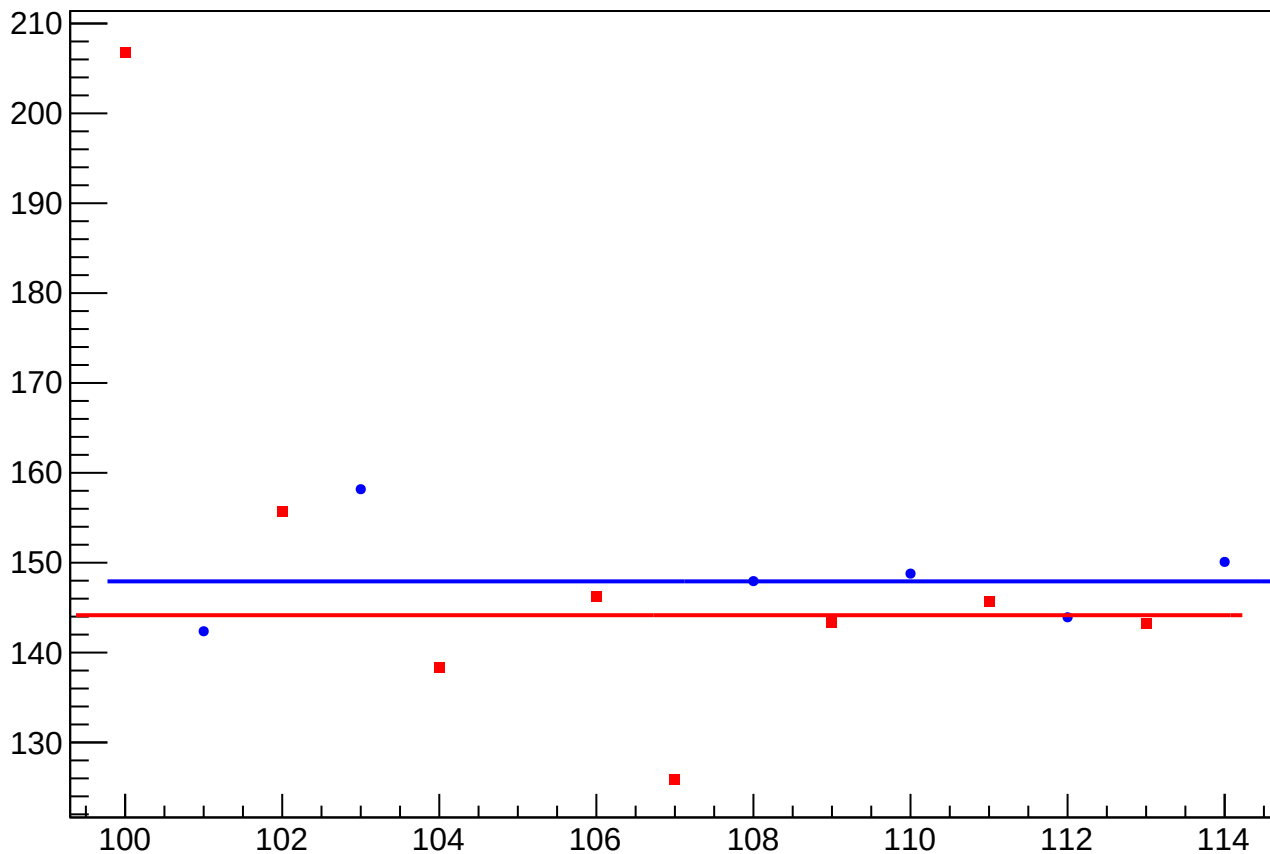
Right: 211.686 $\pm$ 60.801 χ^2 /NDF: 14.8/13

In: 202.355 $\pm$ 91.485 χ^2 /NDF:3.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 211.686 $\pm$ 60.801 χ^2 /NDF: 14.8/13

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

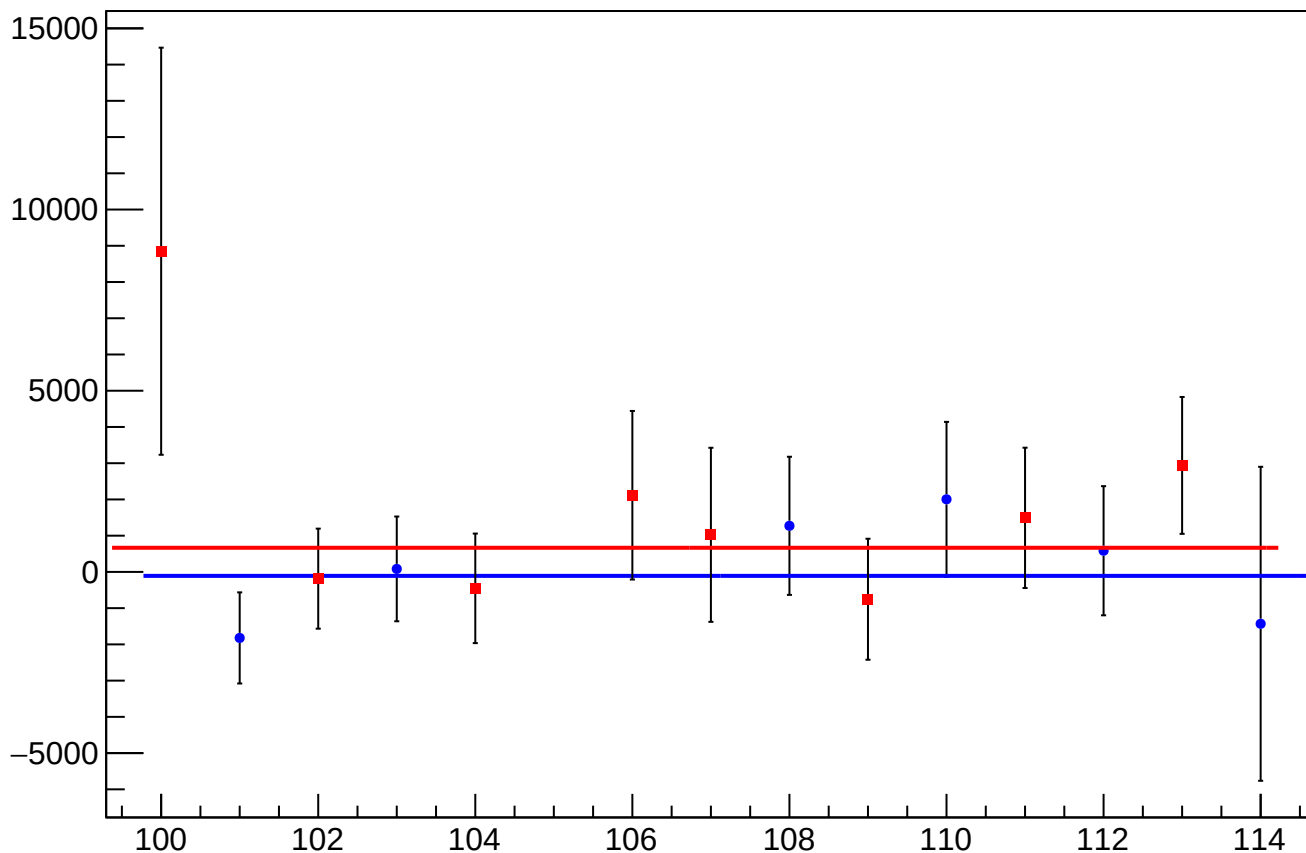
Right: 145.822+/-0.043 χ^2/NDF : 42217.6/13

In: 147.923+/-0.065 χ^2/NDF : 7880.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.822+/-0.043 χ^2/NDF : 42217.6/13

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

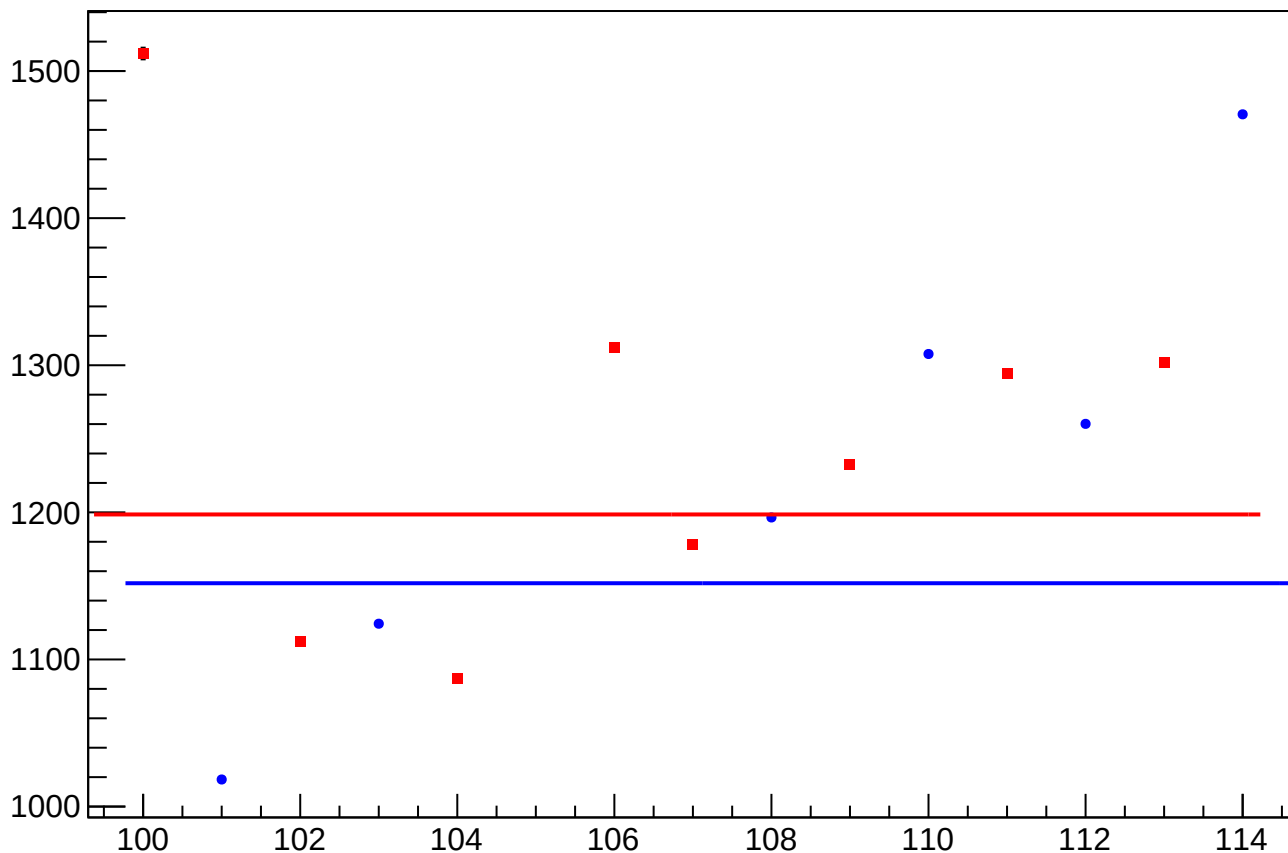
Right: 304.642+/-486.095 χ^2/NDF : 10.1/13

In: -109.038+/-711.770 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.642+/-486.095 χ^2/NDF : 10.1/13

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

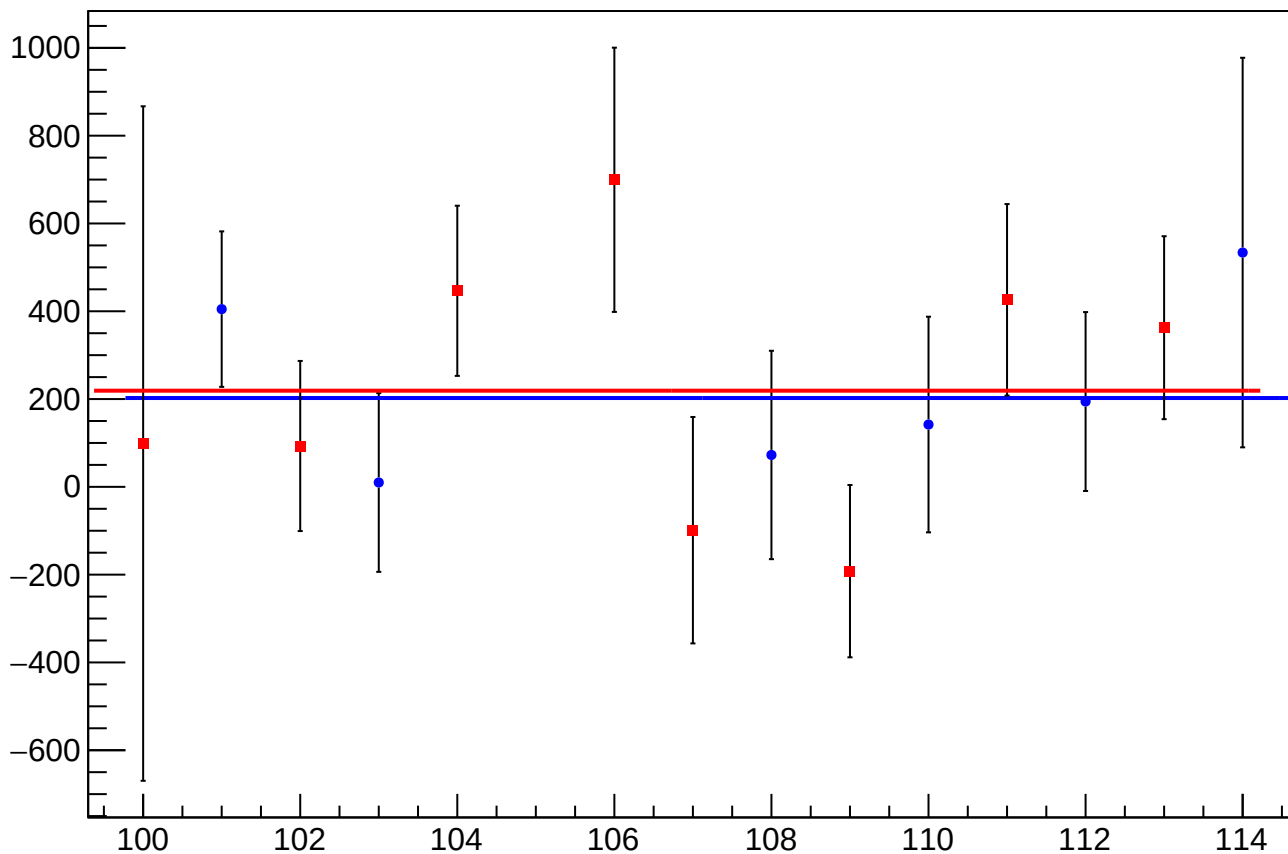
Right: 1176.768+/-0.344 χ^2/NDF : 99336.6/13

In: 1151.819+/-0.503 χ^2/NDF : 53207.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.768+/-0.344 χ^2/NDF : 99336.6/13

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 202.350+/-91.484 χ^2/NDF : 3.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.067+/-81.372 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

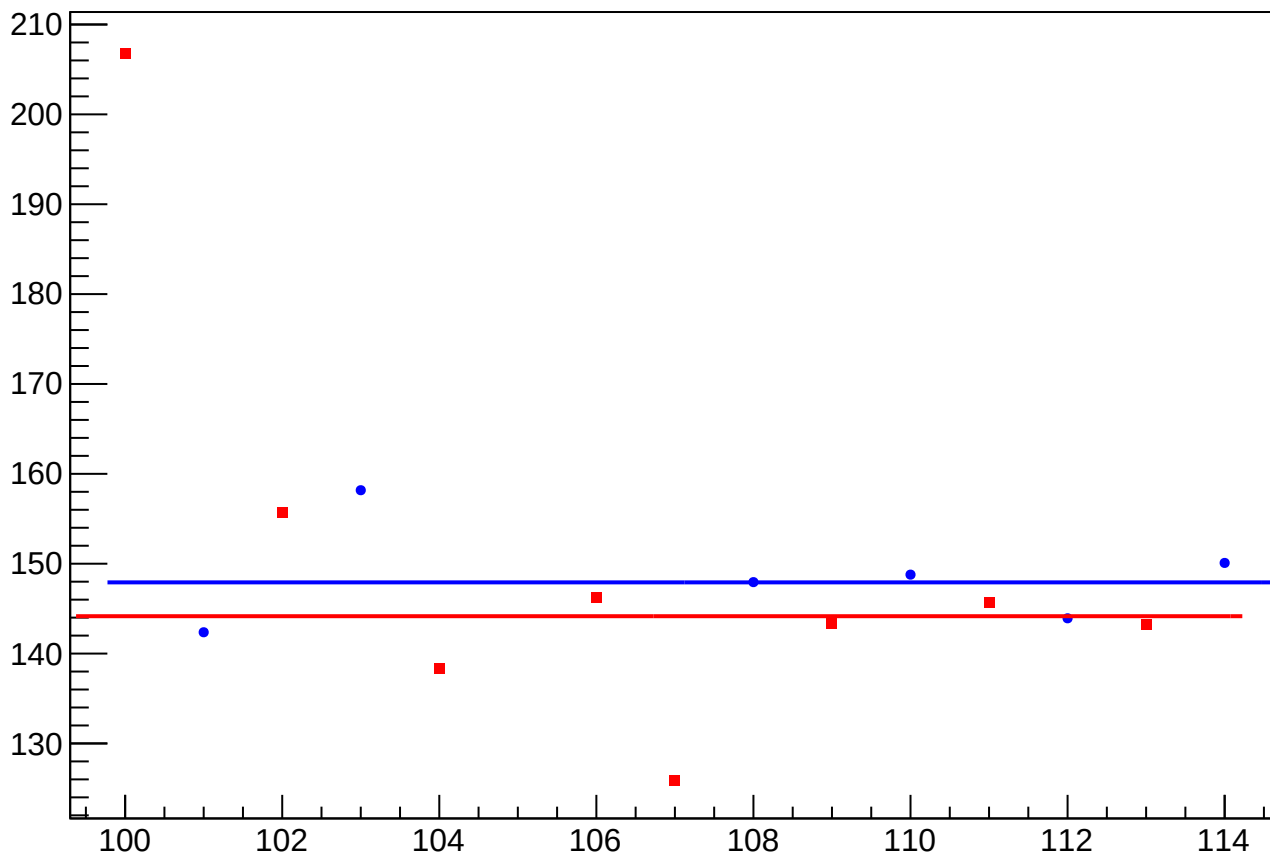
Right: 211.683+/-60.801 χ^2/NDF : 14.8/13

In: 202.350+/-91.484 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.683+/-60.801 χ^2/NDF : 14.8/13

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

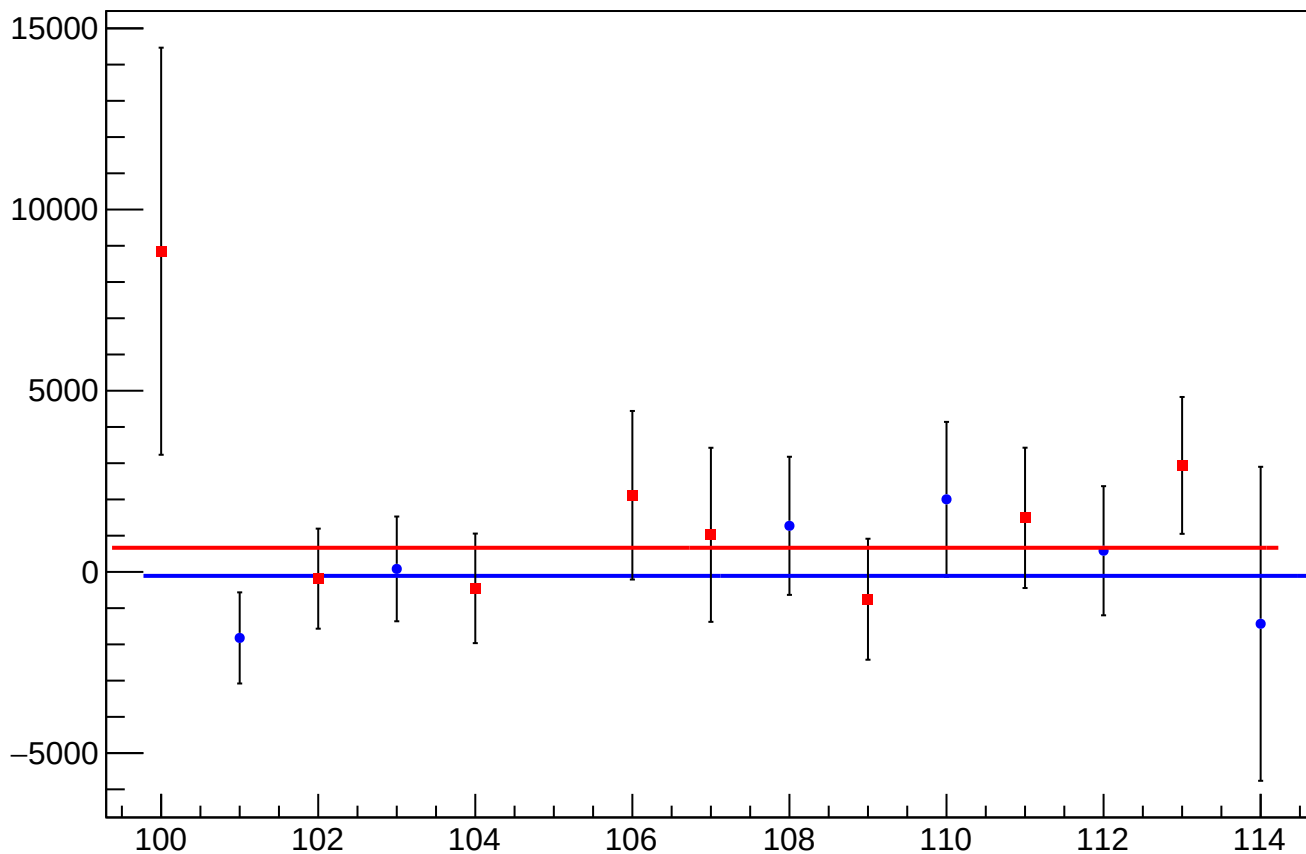
Right: 145.821+/-0.043 χ^2/NDF : 42216.3/13

In: 147.923+/-0.065 χ^2/NDF : 7880.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.821+/-0.043 χ^2/NDF : 42216.3/13

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

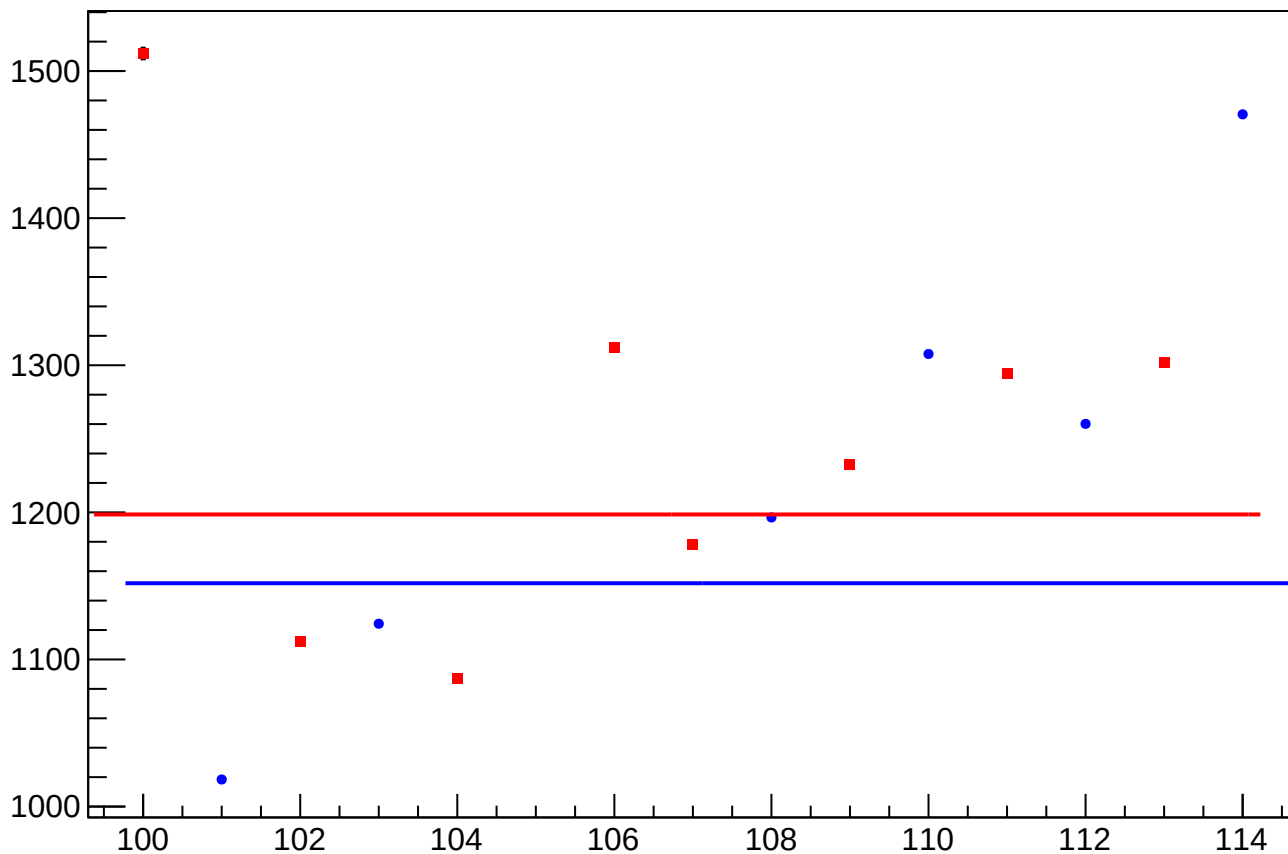
Right: 304.642+/-486.093 χ^2/NDF : 10.1/13

In: -109.038+/-711.768 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.642+/-486.093 χ^2/NDF : 10.1/13

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

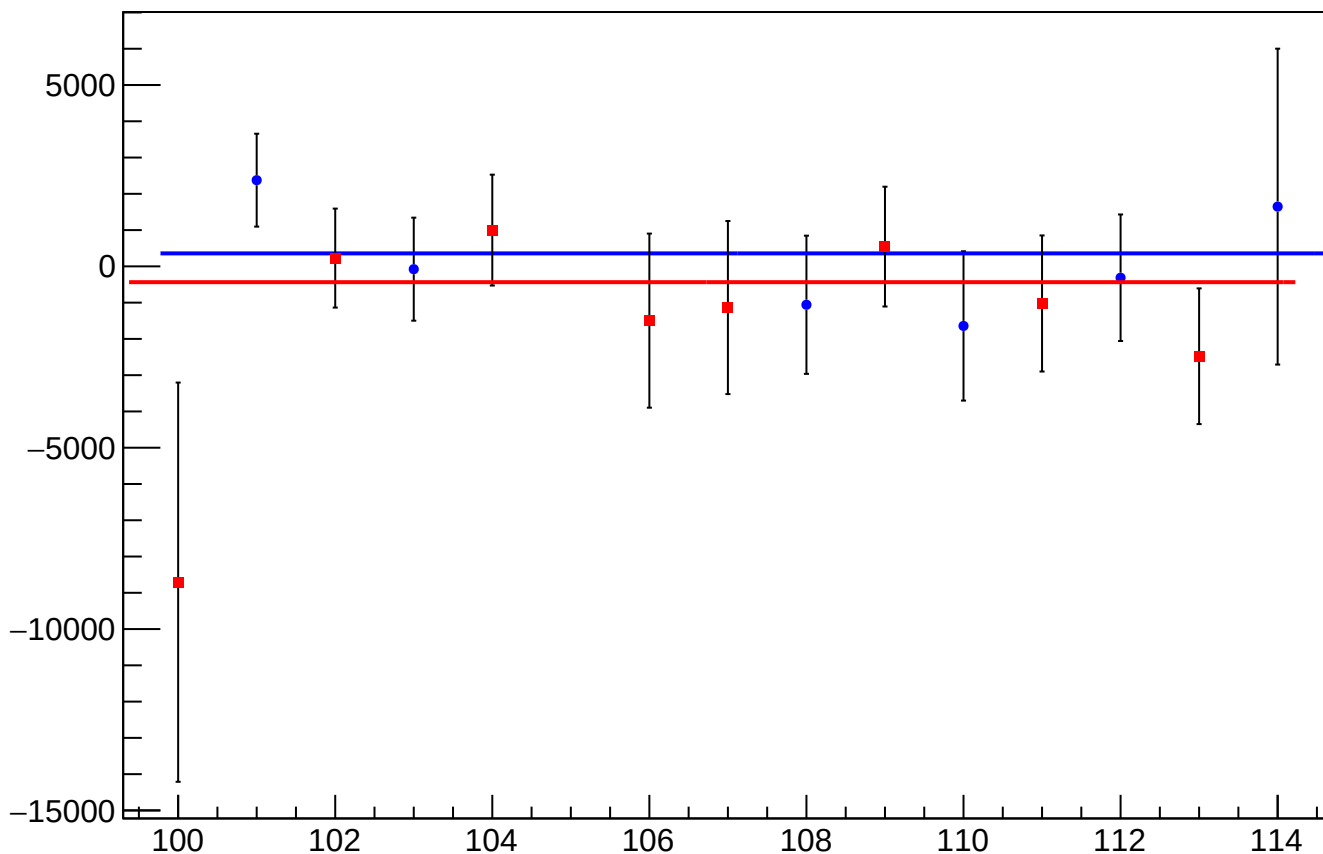
Right: 1176.764+/-0.344 χ^2/NDF : 99334.1/13

In: 1151.816+/-0.503 χ^2/NDF : 53205.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.764+/-0.344 χ^2/NDF : 99334.1/13

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 357.775+/-707.399 χ^2 /NDF: 4.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -435.822+/-661.654 χ^2 /NDF: 5.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

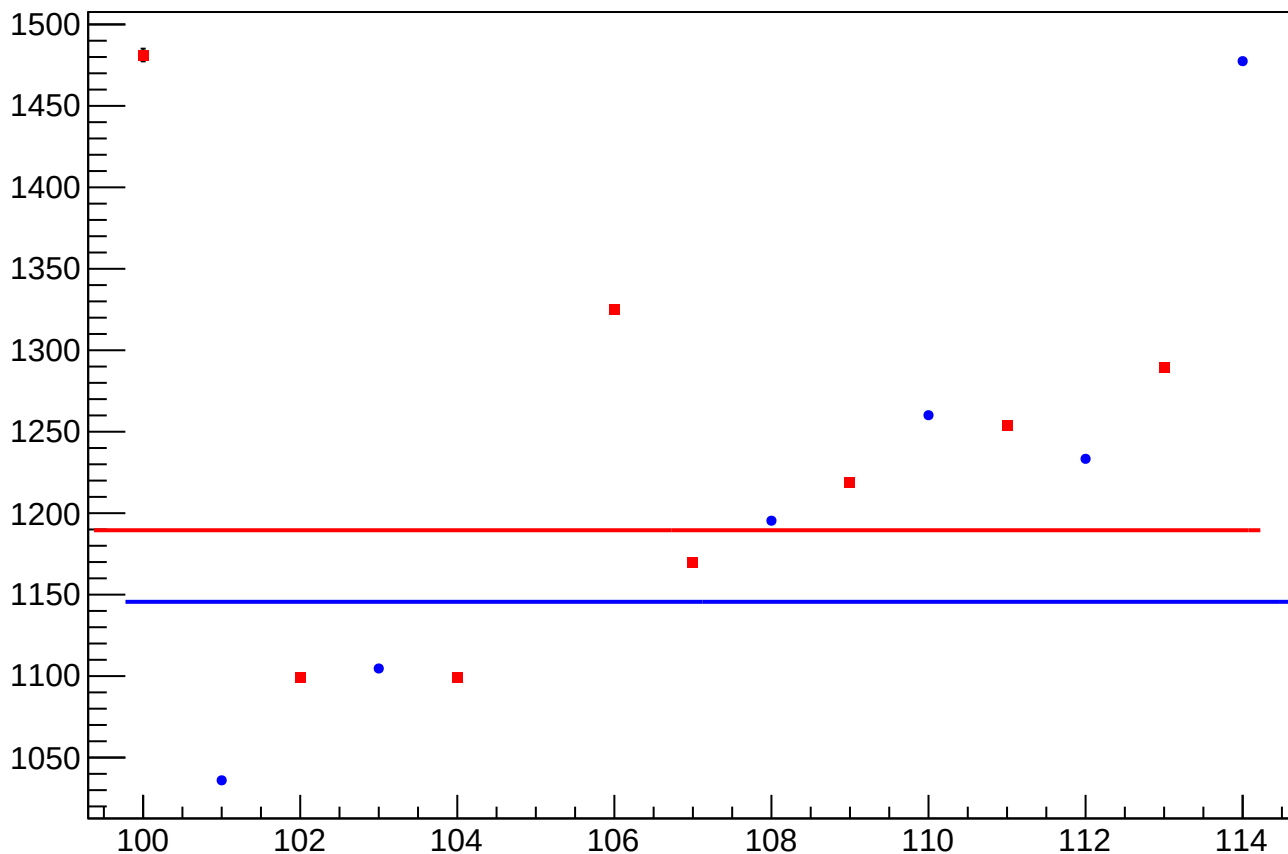
Right: -65.511+/-483.223 χ^2 /NDF: 10.3/13

In: 357.775+/-707.399 χ^2 /NDF:4.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -65.511+/-483.223 χ^2 /NDF: 10.3/13

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1145.594+/-0.500 χ^2/NDF : 40538.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1189.530+/-0.468 χ^2/NDF : 36571.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

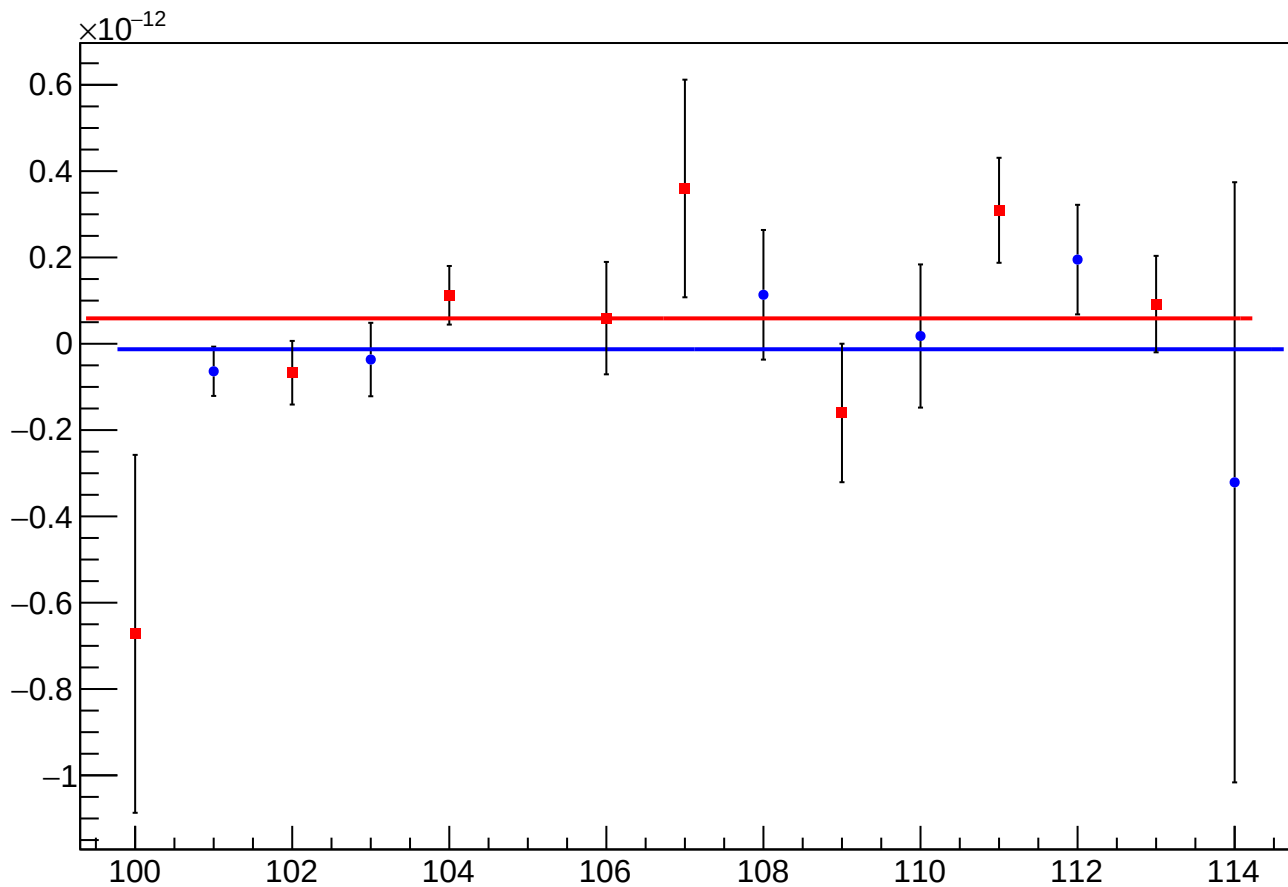
Right: 1169.028+/-0.342 χ^2/NDF : 81225.8/13

In: 1145.594+/-0.500 χ^2/NDF :40538.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1169.028+/-0.342 χ^2/NDF : 81225.8/13

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

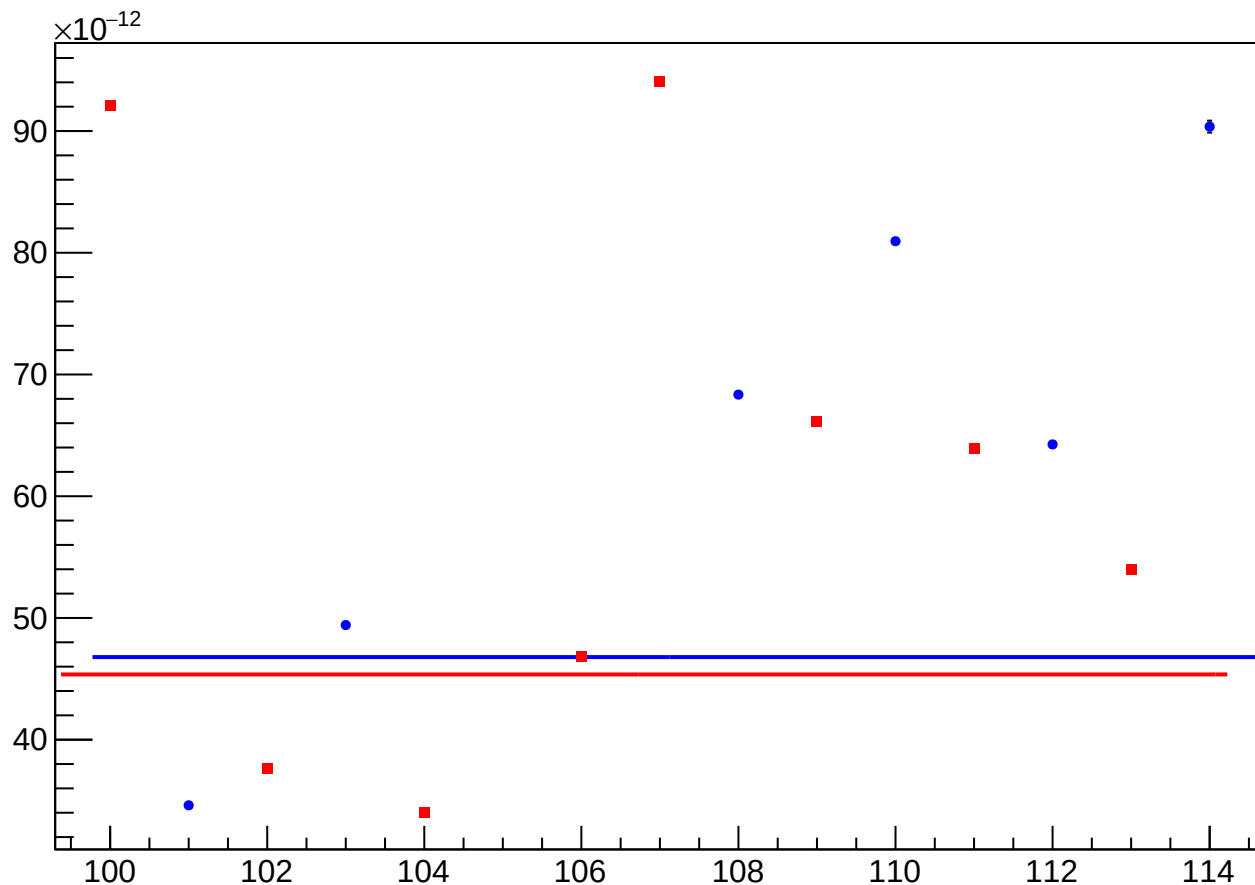
Right: 0.000+/-0.000 χ^2/NDF : 20.4/13

In: -0.000+/-0.000 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/13

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

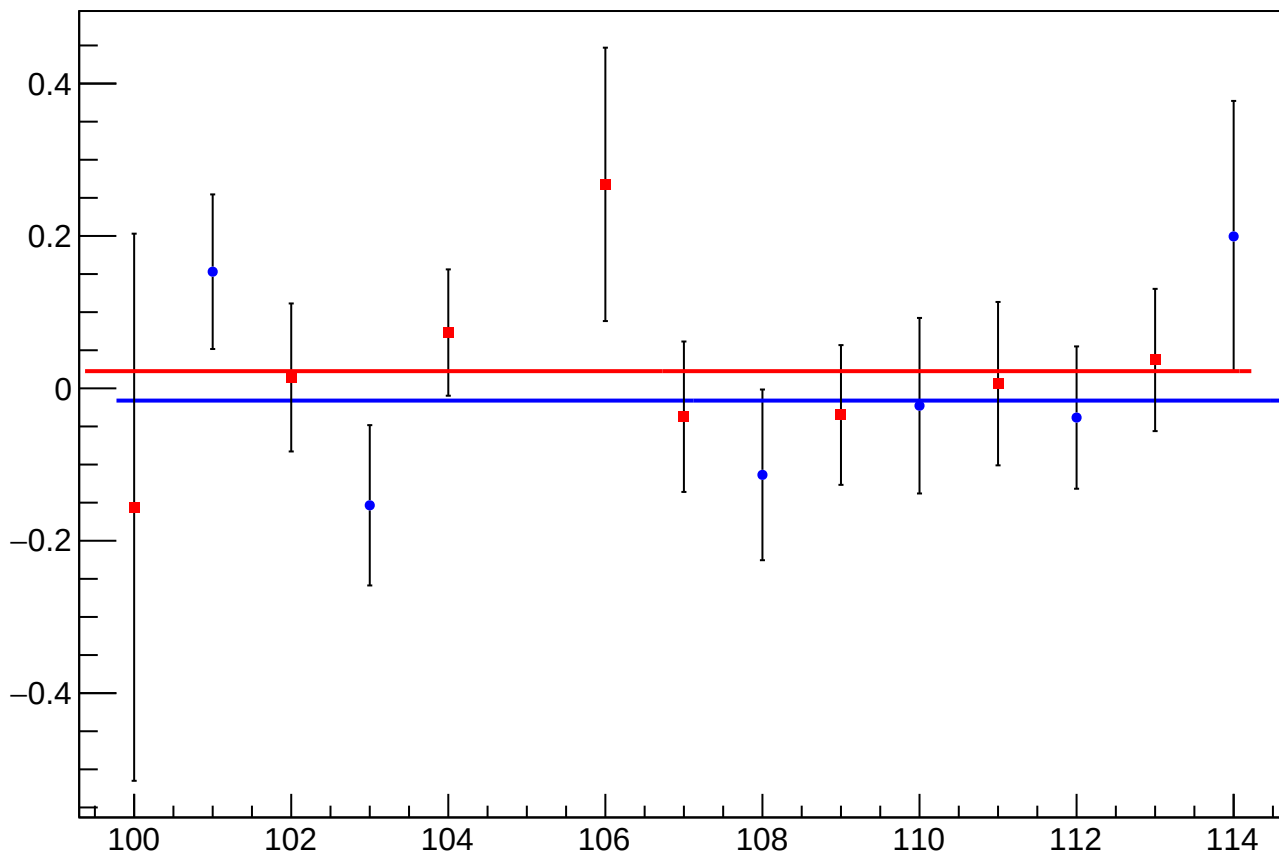
Right: 0.000+/-0.000 χ^2/NDF : 536101.8/13

In: 0.000+/-0.000 χ^2/NDF : 264664.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 536101.8/13

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.045 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.023+/-0.037 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

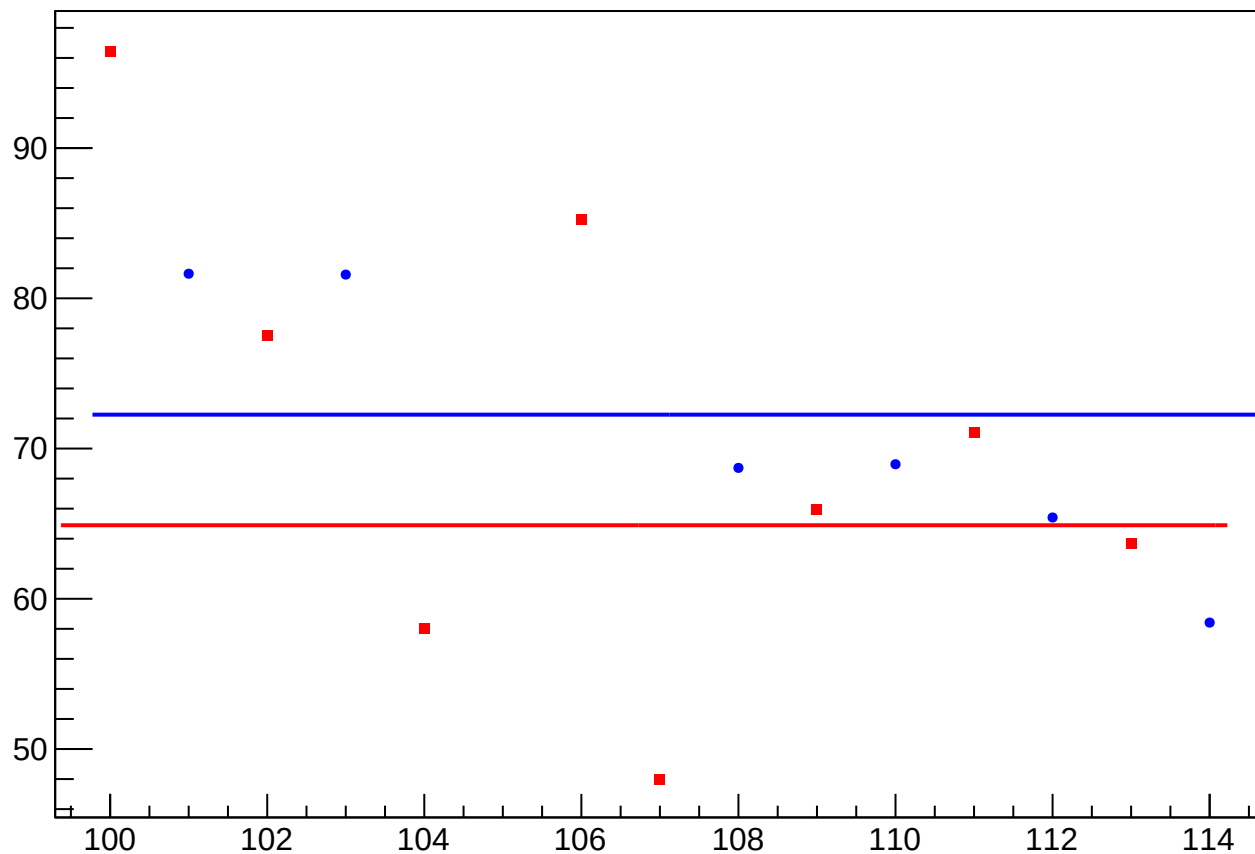
Right: 0.007+/-0.029 χ^2/NDF : 10.5/13

In: -0.016+/-0.045 χ^2/NDF :6.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.029 χ^2/NDF : 10.5/13

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

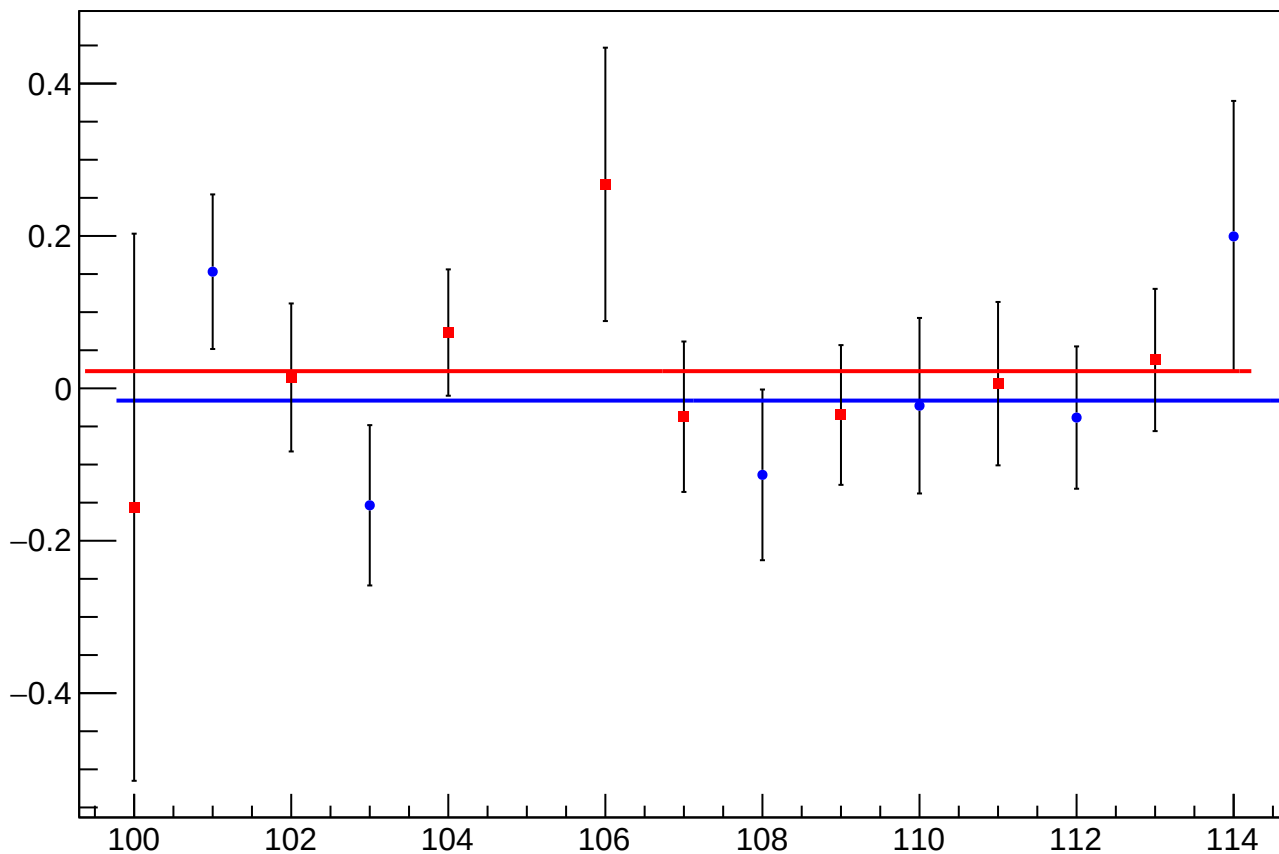
Right: 67.888+/-0.020 χ^2/NDF : 245794.8/13

In: 72.256+/-0.032 χ^2/NDF : 59315.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.888+/-0.020 χ^2/NDF : 245794.8/13

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

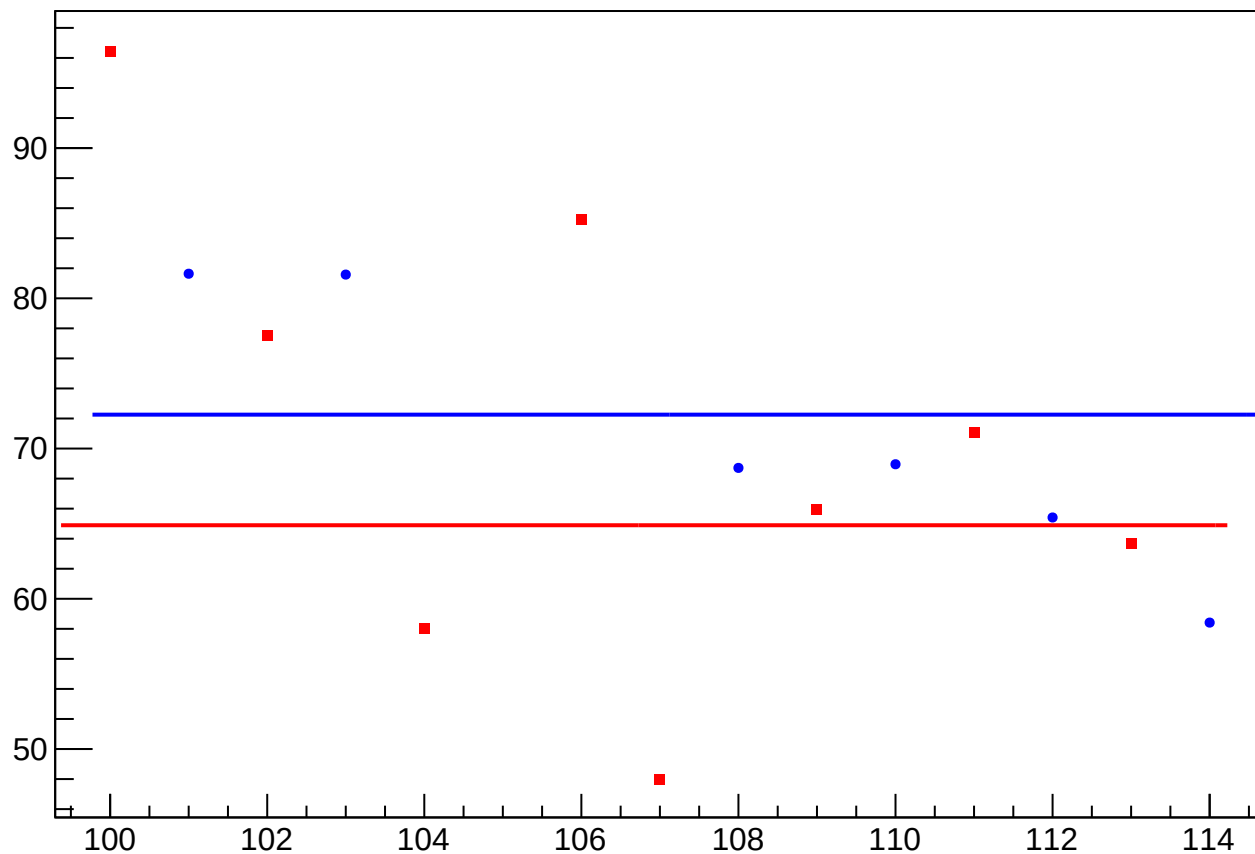
Right: 0.007 $\pm$ 0.029 χ^2 /NDF: 10.5/13

In: -0.016 $\pm$ 0.045 χ^2 /NDF:6.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.029 χ^2 /NDF: 10.5/13

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

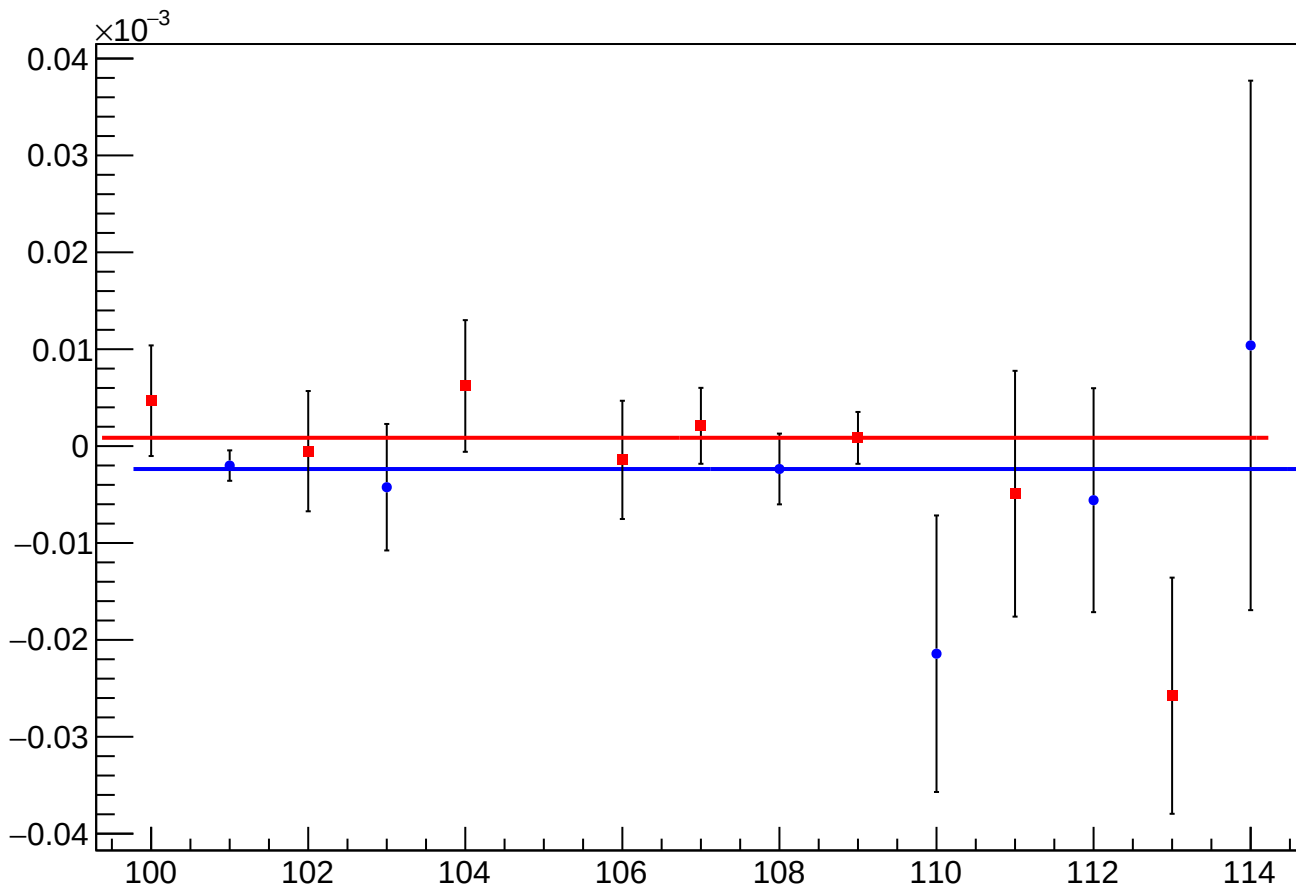
Right: 67.888+/-0.020 χ^2/NDF : 245794.8/13

In: 72.256+/-0.032 χ^2/NDF : 59315.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.888+/-0.020 χ^2/NDF : 245794.8/13

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

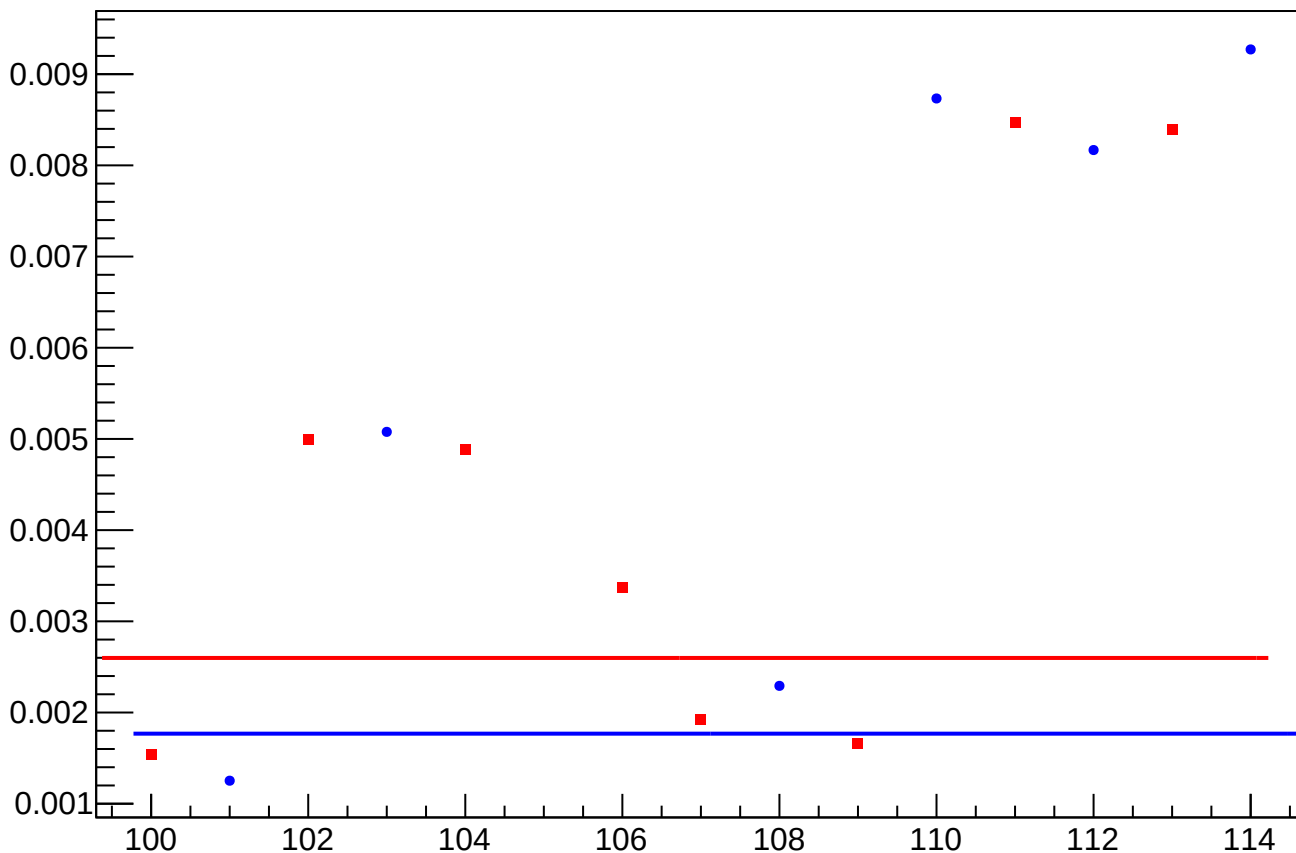
Right: -0.000+/-0.000 χ^2/NDF : 10.6/13

In: -0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.6/13

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2011817.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1814866.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

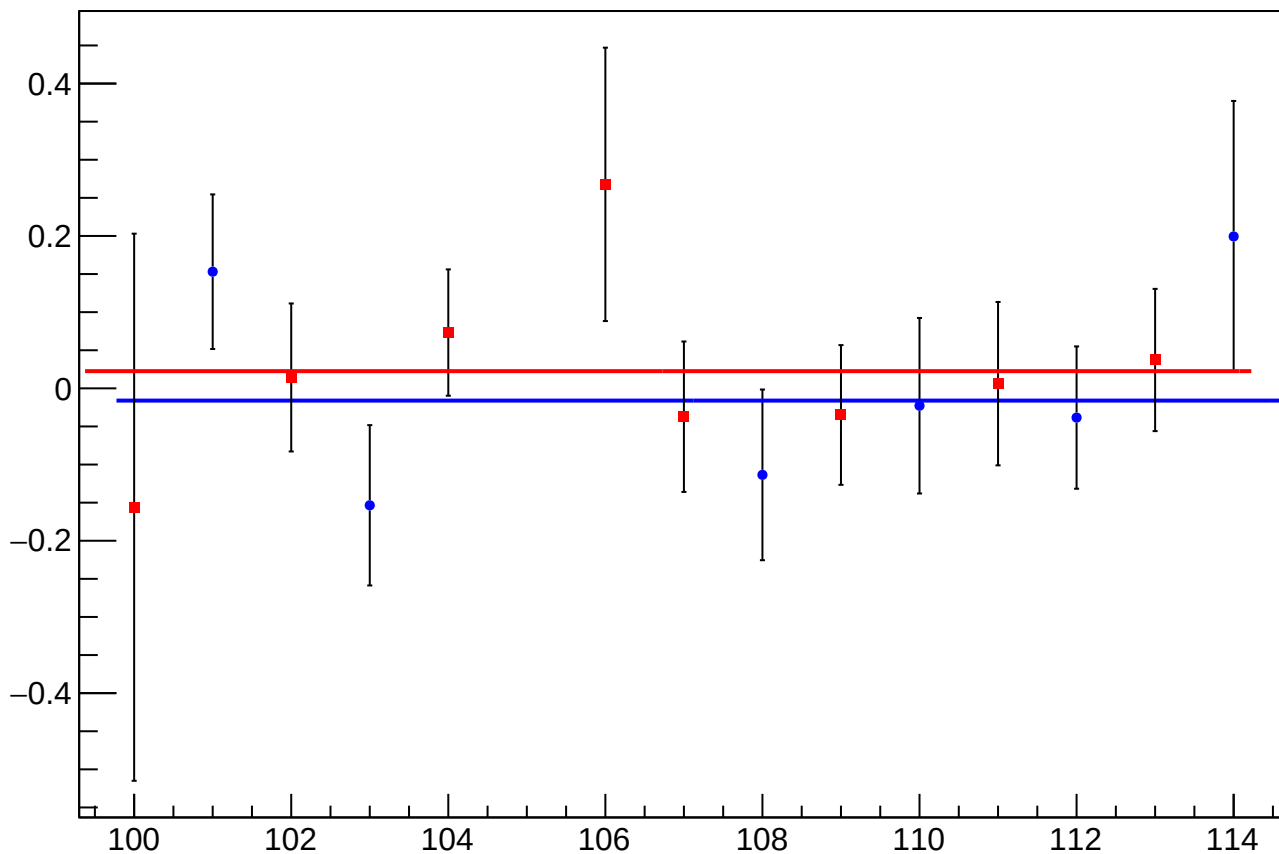
Right: 0.002+/-0.000 χ^2/NDF : 4100806.7/13

In: 0.002+/-0.000 χ^2/NDF :2011817.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4100806.7/13

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

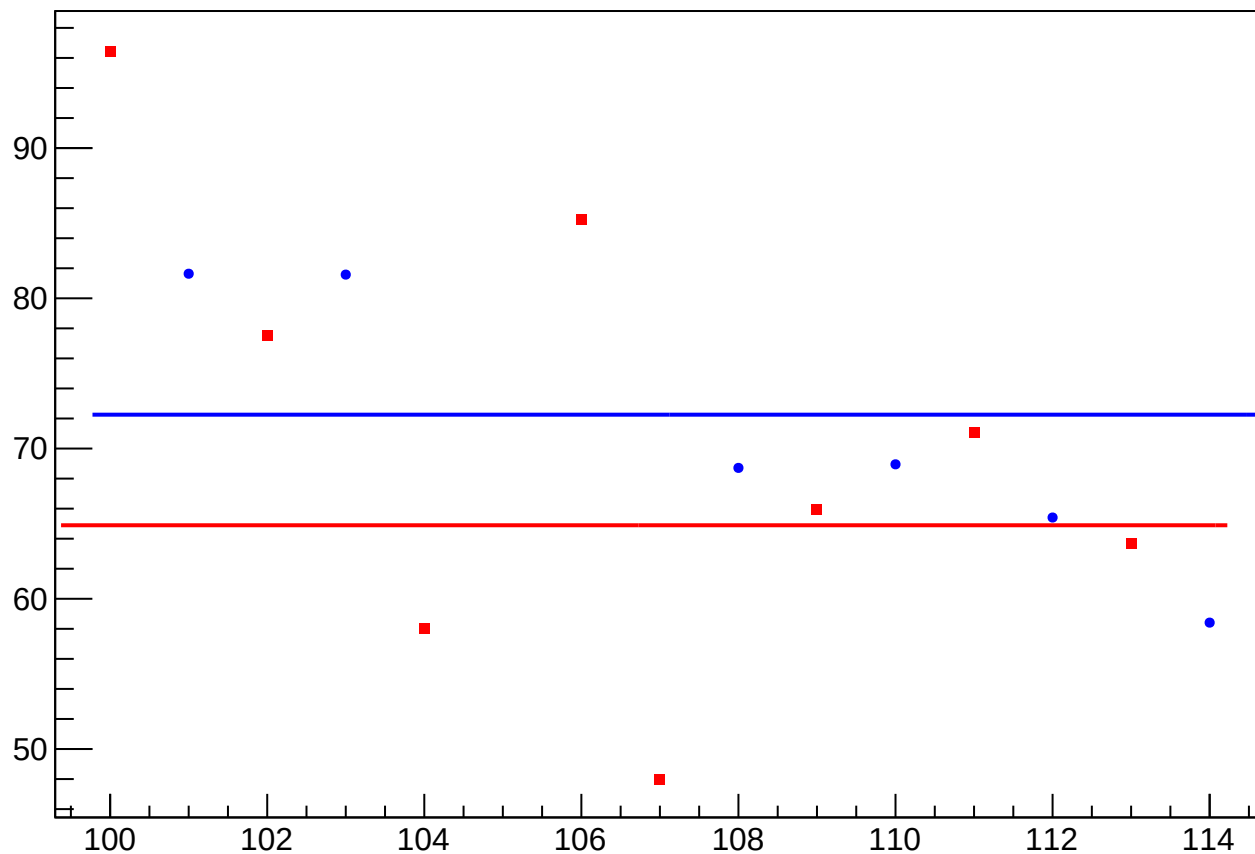
Right: 0.007 $\pm$ 0.029 χ^2 /NDF: 10.5/13

In: -0.016 $\pm$ 0.045 χ^2 /NDF:6.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.029 χ^2 /NDF: 10.5/13

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

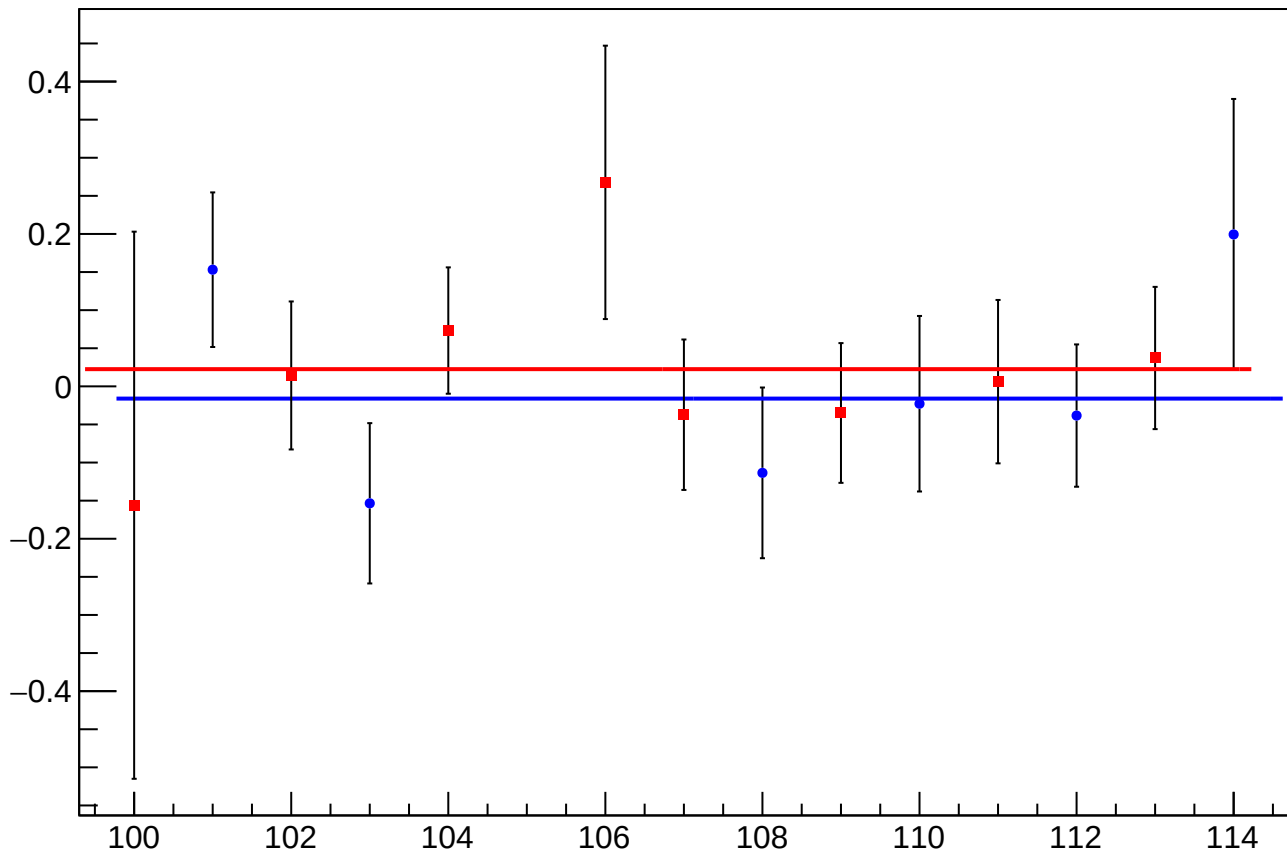
Right: 67.886+/-0.020 χ^2/NDF : 245794.1/13

In: 72.255+/-0.032 χ^2/NDF : 59329.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.886+/-0.020 χ^2/NDF : 245794.1/13

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.045 χ^2/NDF : 6.8/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.037 χ^2/NDF : 3.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

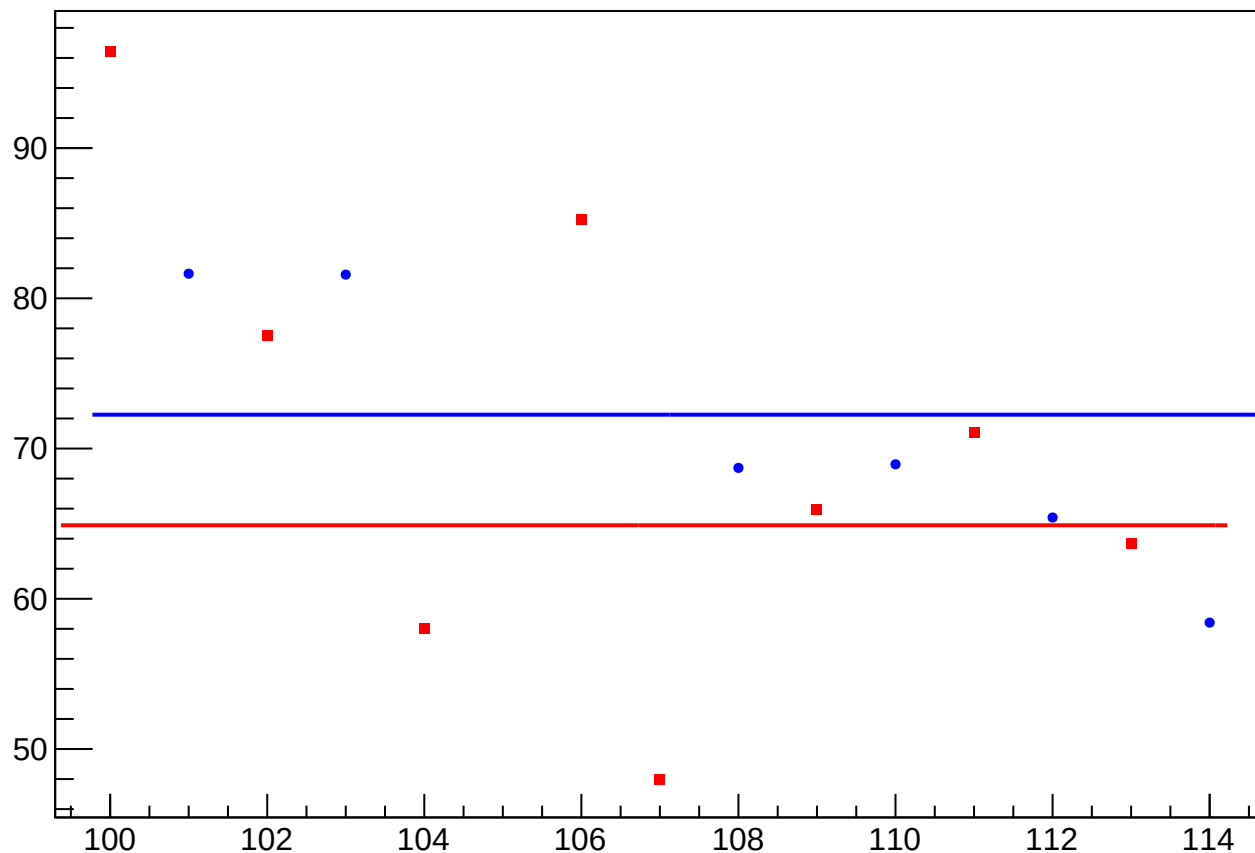
Right: 0.007 ± 0.029 χ^2/NDF : 10.5/13

In: -0.016 ± 0.045 χ^2/NDF : 6.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.029 χ^2/NDF : 10.5/13

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

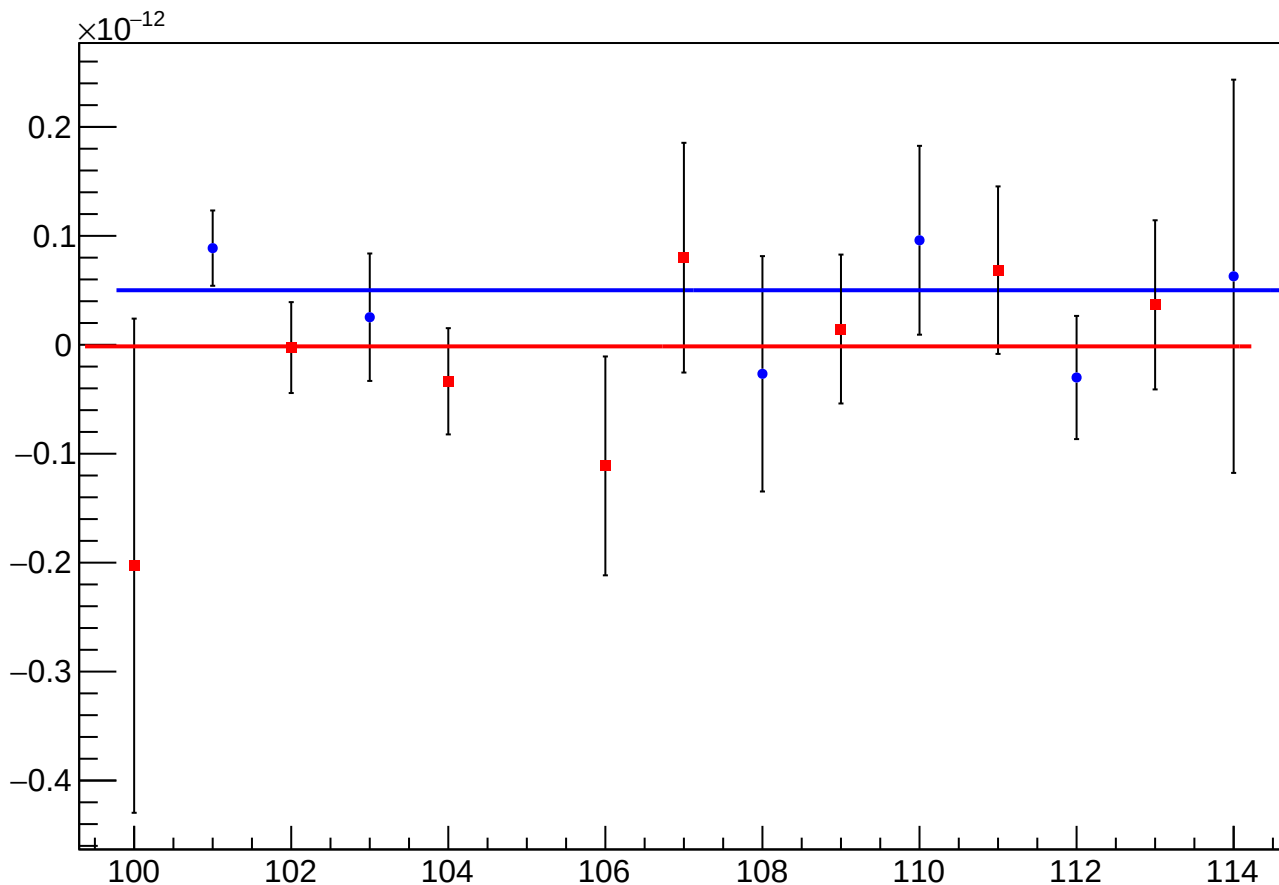
Right: 67.886+/-0.020 χ^2/NDF : 245794.1/13

In: 72.255+/-0.032 χ^2/NDF : 59329.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.886+/-0.020 χ^2/NDF : 245794.1/13

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

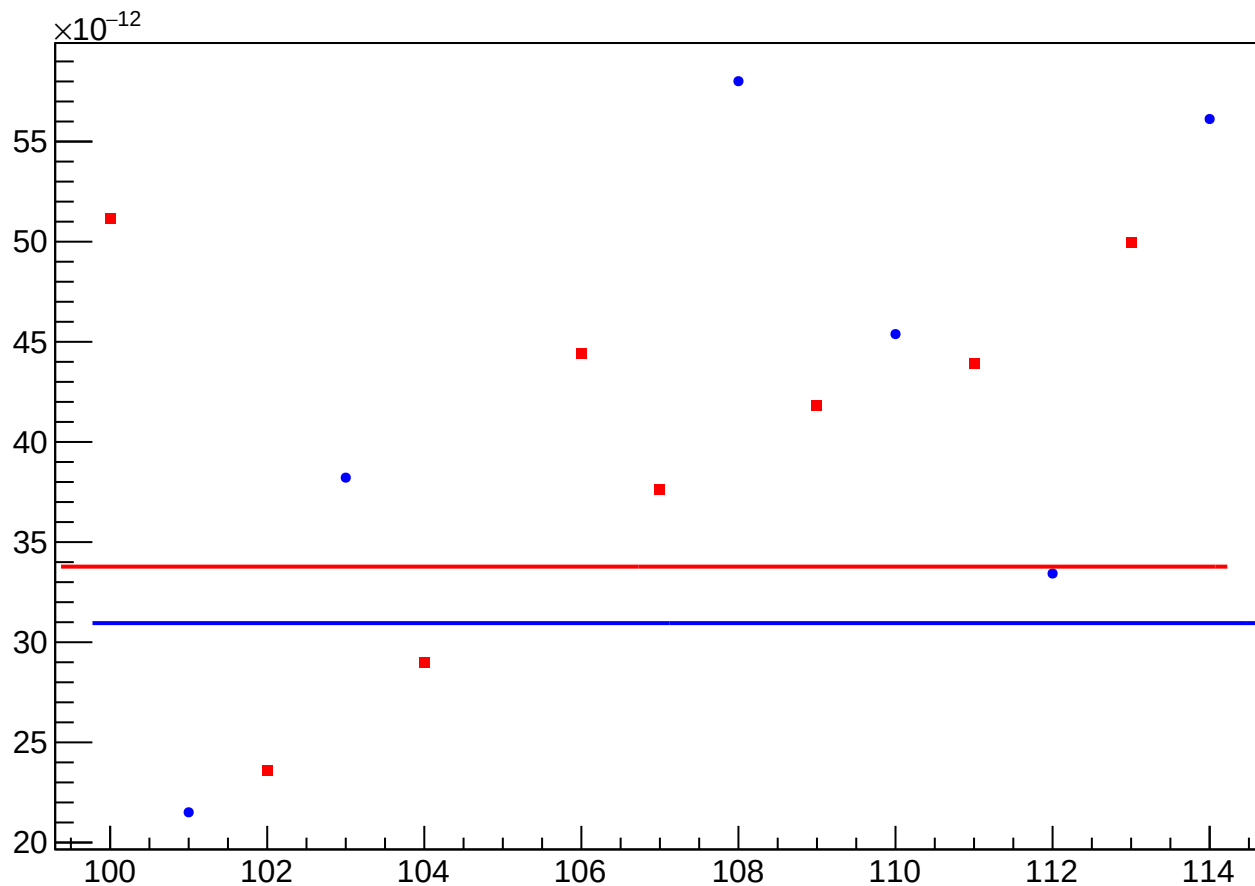
Right: 0.000+/-0.000 χ^2/NDF : 10.6/13

In: 0.000+/-0.000 χ^2/NDF : 4.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/13

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

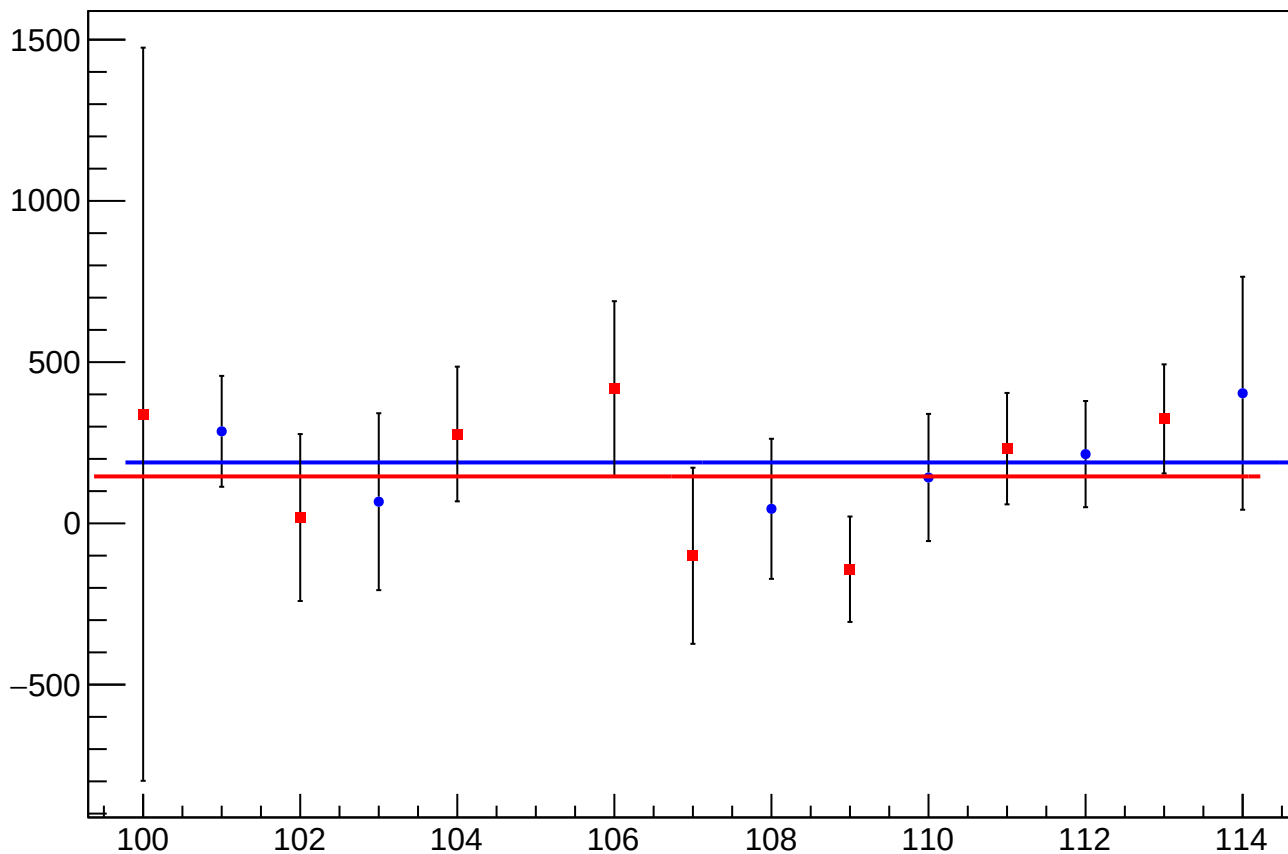
Right: 0.000+/-0.000 χ^2/NDF : 742350.6/13

In: 0.000+/-0.000 χ^2/NDF : 403869.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 742350.6/13

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 188.951 $\pm$ 84.947 χ^2 /NDF: 1.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.616 $\pm$ 76.360 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

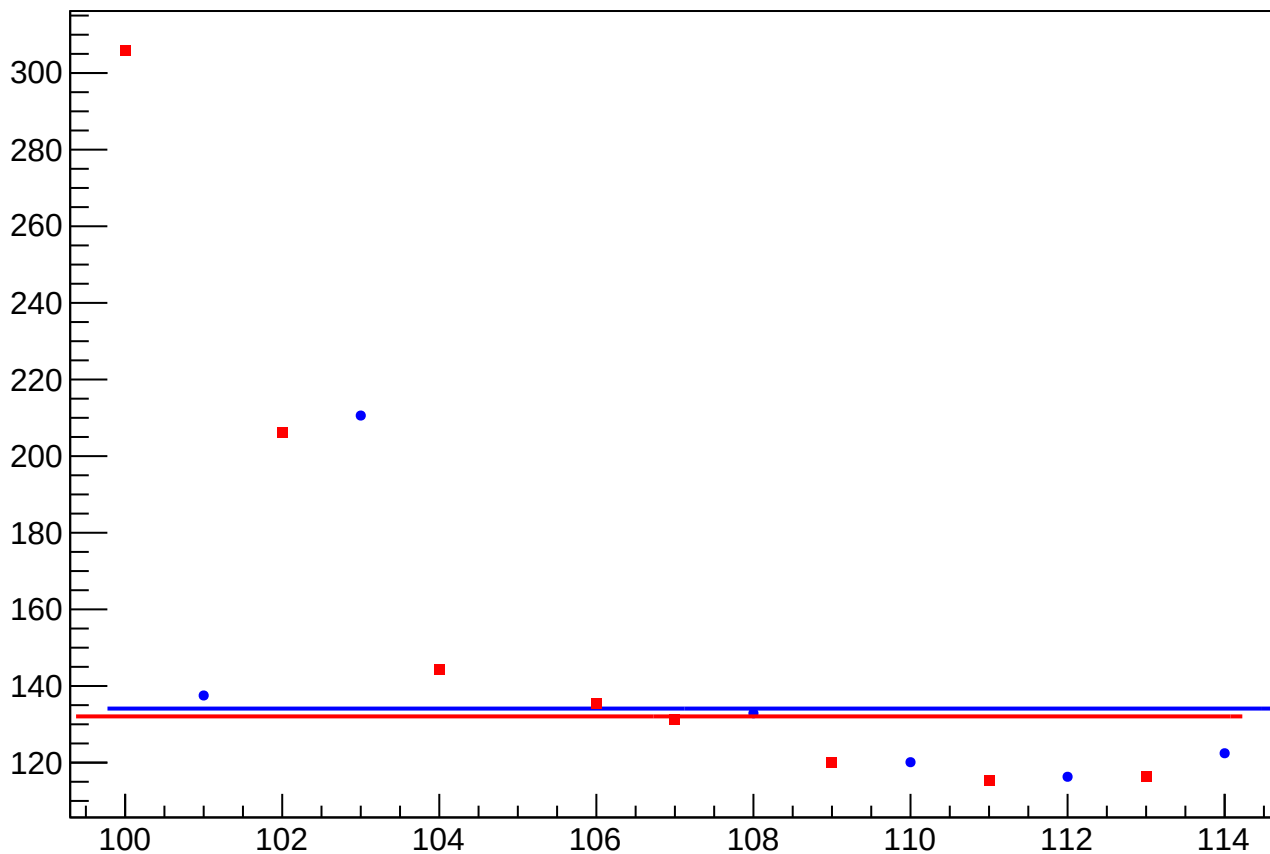
Right: 164.983 $\pm$ 56.788 χ^2 /NDF: 8.5/13

In: 188.951 $\pm$ 84.947 χ^2 /NDF: 1.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.983 $\pm$ 56.788 χ^2 /NDF: 8.5/13

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

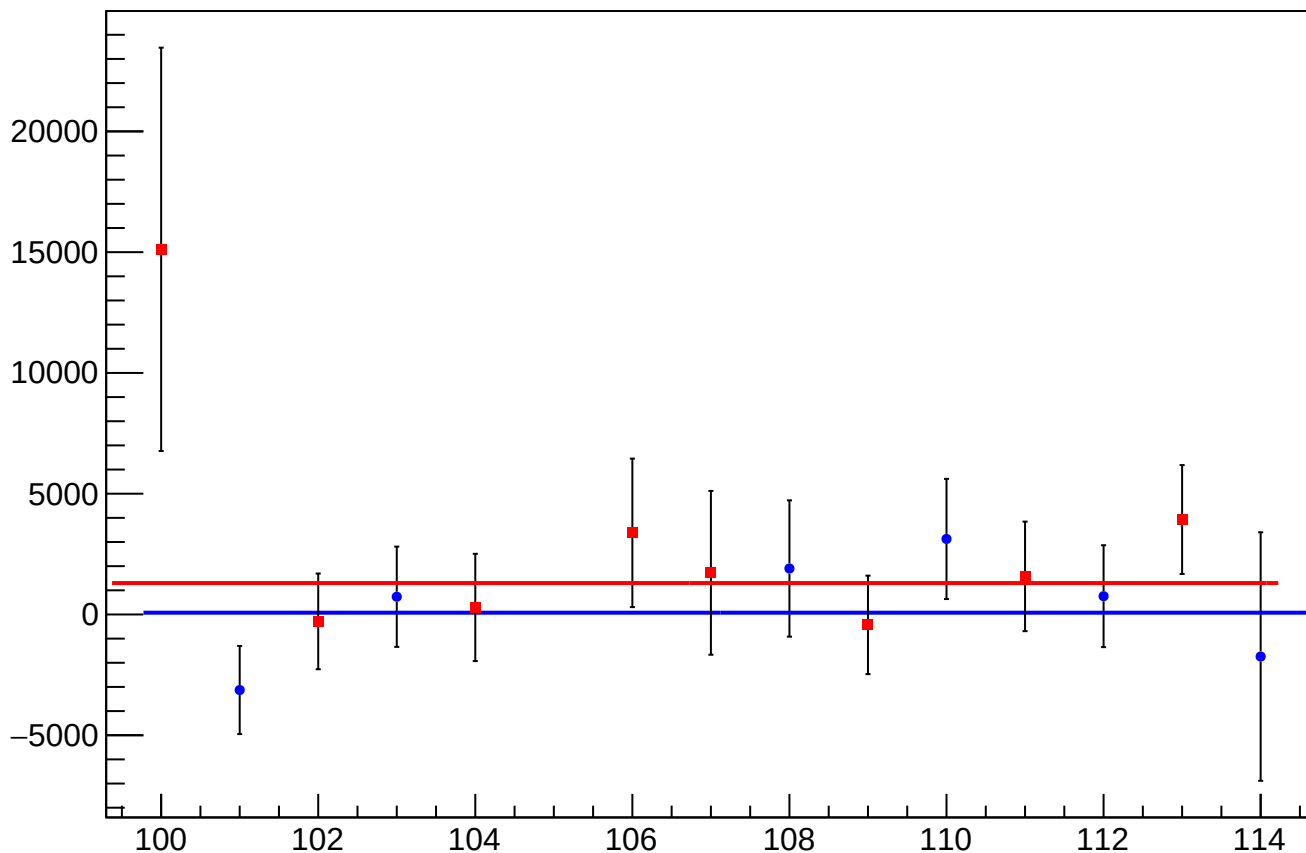
Right: 132.977 $\pm$ 0.040 χ^2 /NDF: 456758.2/13

In: 134.107 $\pm$ 0.060 χ^2 /NDF:191876.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132.977 $\pm$ 0.040 χ^2 /NDF: 456758.2/13

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 73.338+/-961.297 χ^2/NDF : 5.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.072+/-878.129 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

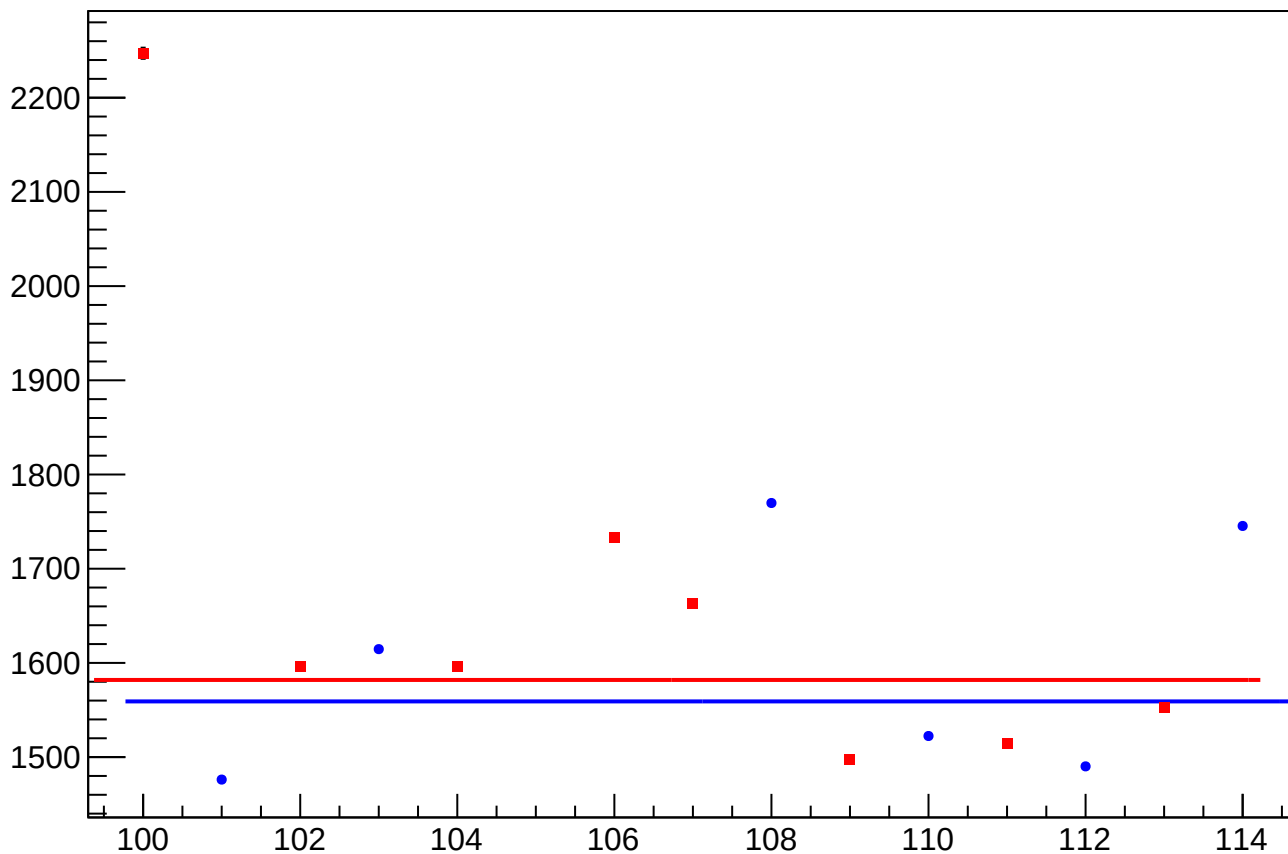
Right: 742.603+/-648.344 χ^2/NDF : 12.4/13

In: 73.338+/-961.297 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.603+/-648.344 χ^2/NDF : 12.4/13

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1559.132+/-0.680 χ^2/NDF : 21902.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.906+/-0.621 χ^2/NDF : 24364.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

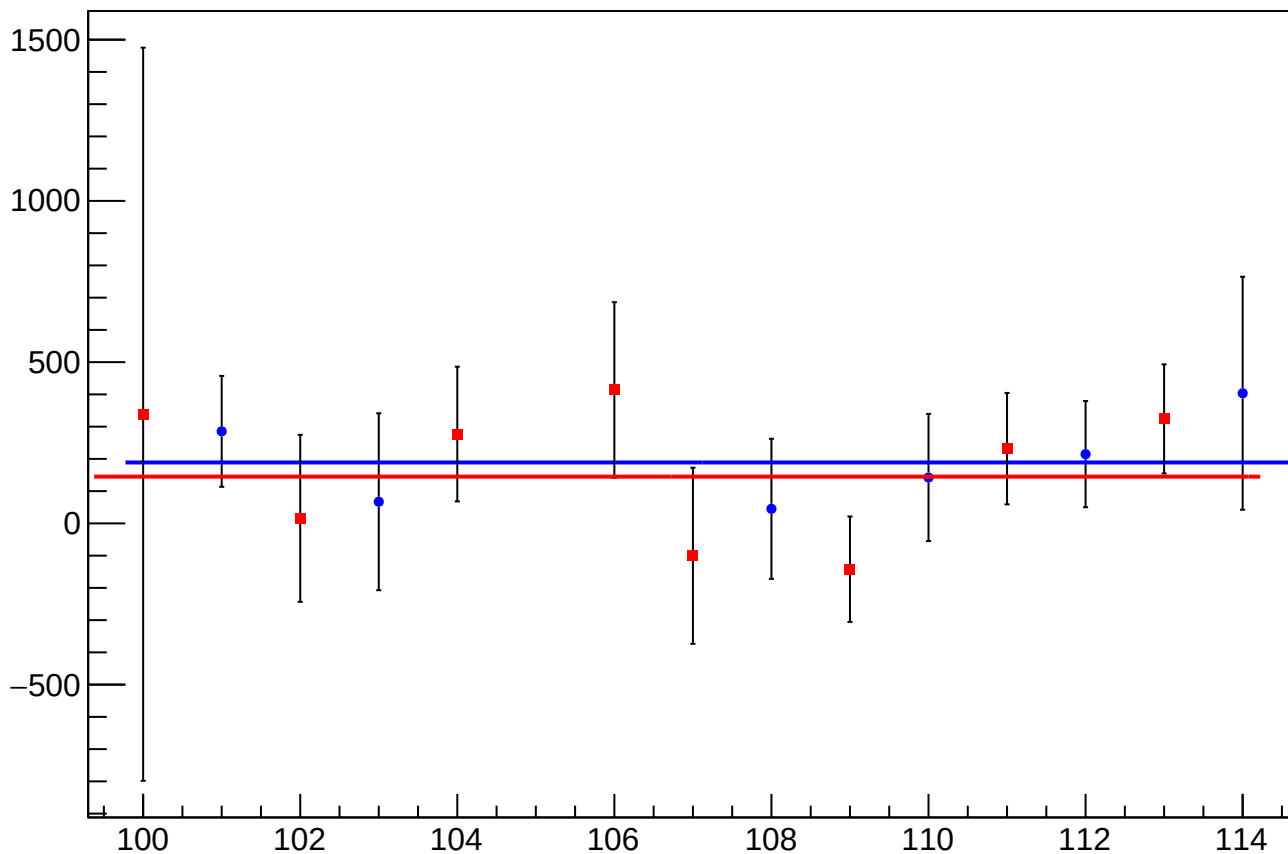
Right: 1571.546+/-0.458 χ^2/NDF : 46879.0/13

In: 1559.132+/-0.680 χ^2/NDF : 21902.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.546+/-0.458 χ^2/NDF : 46879.0/13

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 188.933+/-84.947 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.959+/-76.382 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

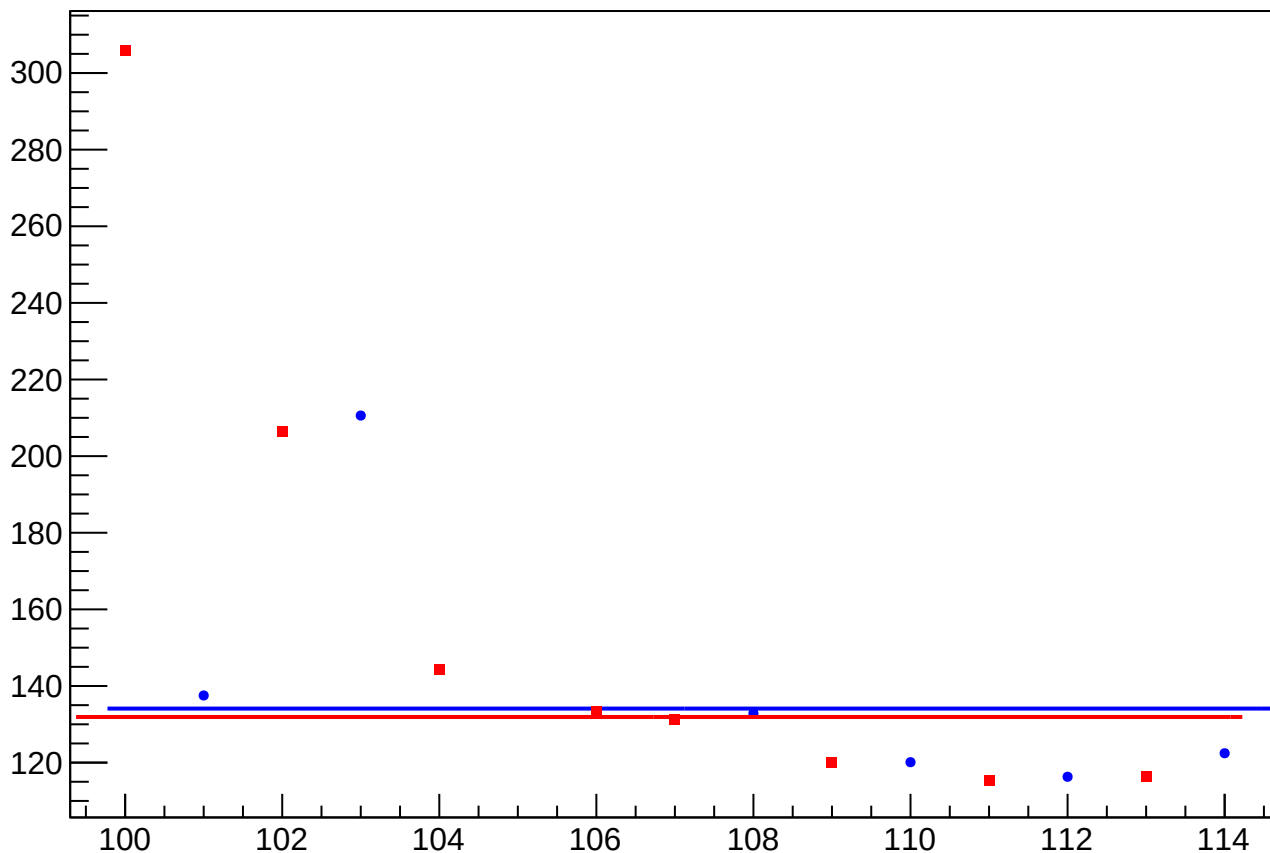
Right: 164.618+/-56.798 χ^2/NDF : 8.5/13

In: 188.933+/-84.947 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.618+/-56.798 χ^2/NDF : 8.5/13

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

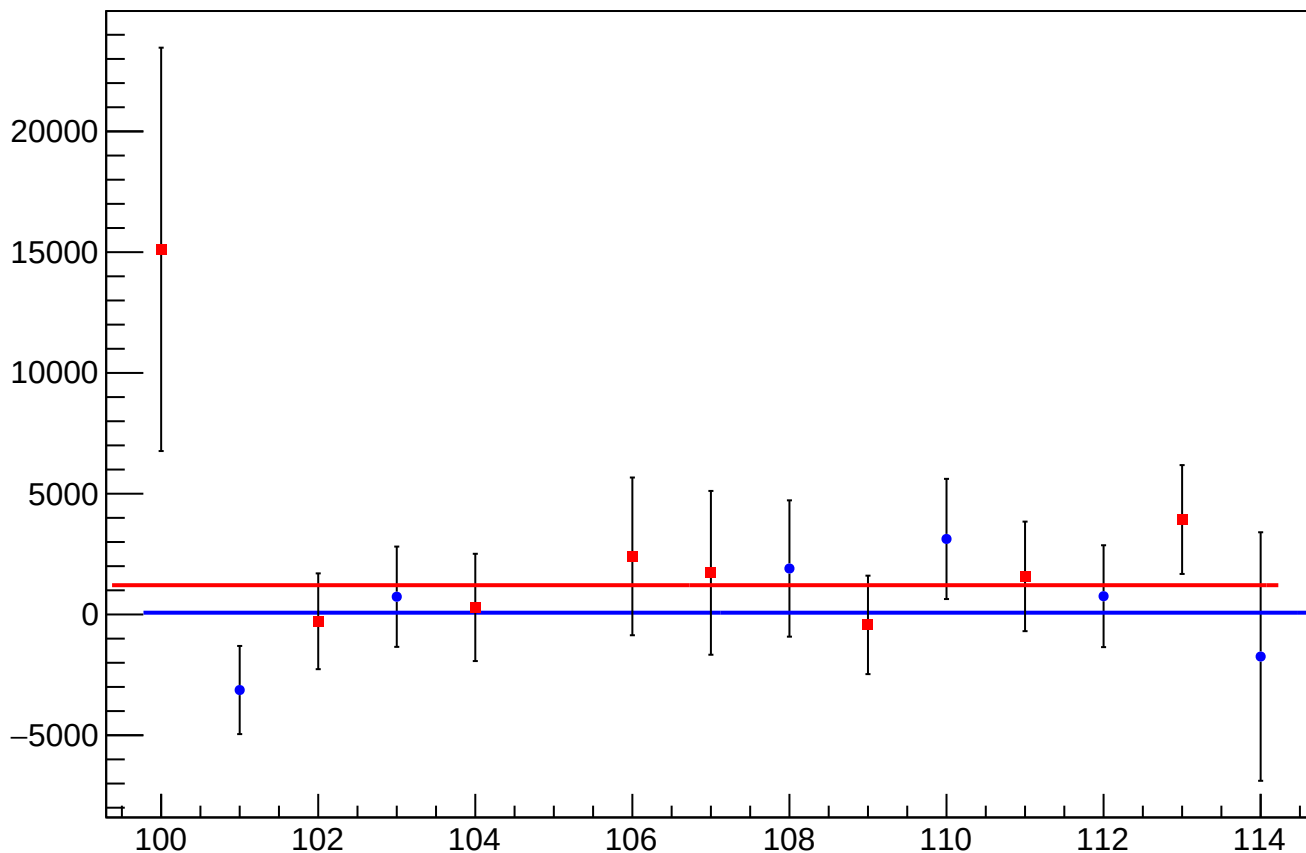
Right: 132.892 $\pm$ 0.040 χ^2 /NDF: 456923.2/13

In: 134.107 $\pm$ 0.060 χ^2 /NDF:191879.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132.892 $\pm$ 0.040 χ^2 /NDF: 456923.2/13

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

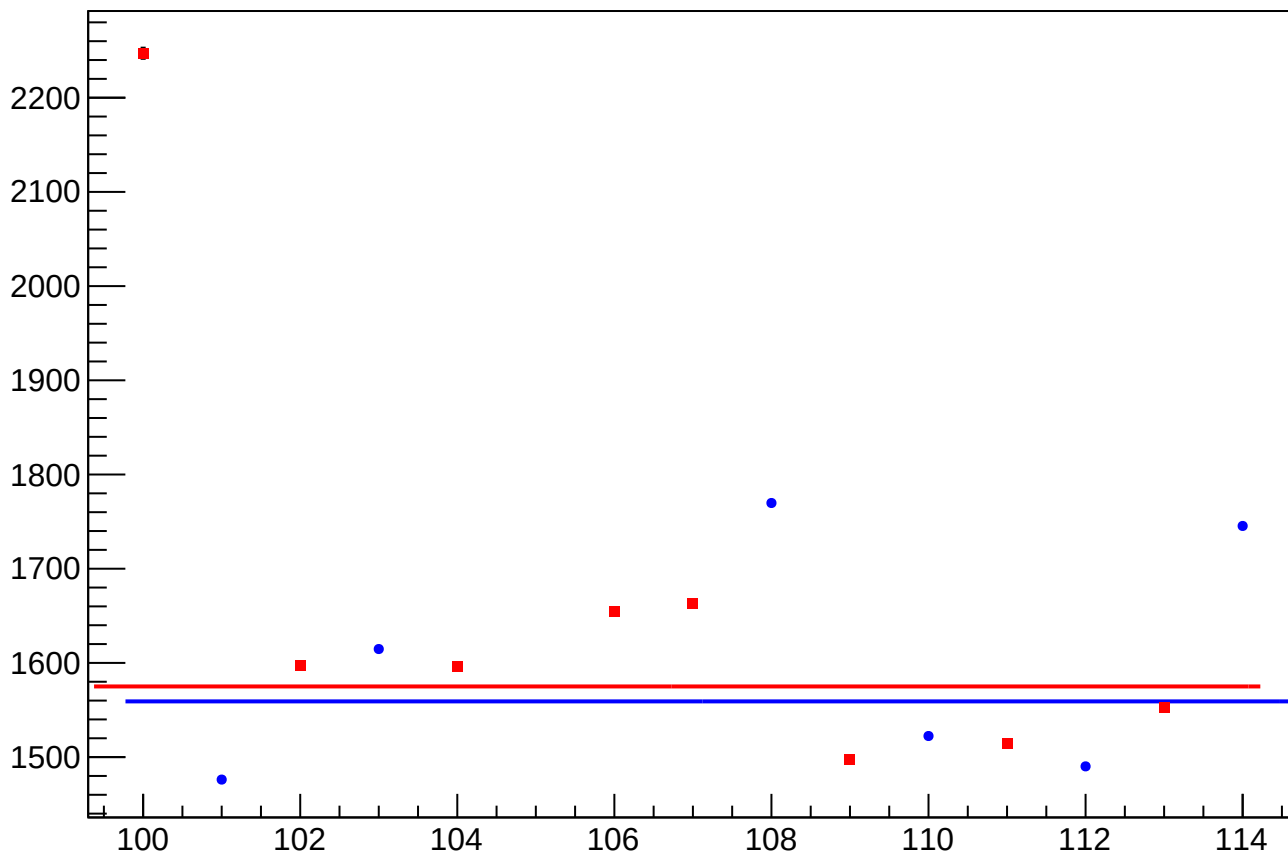
Right: 691.496+/-650.047 χ^2/NDF : 11.9/13

In: 73.525+/-961.312 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.496+/-650.047 χ^2/NDF : 11.9/13

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

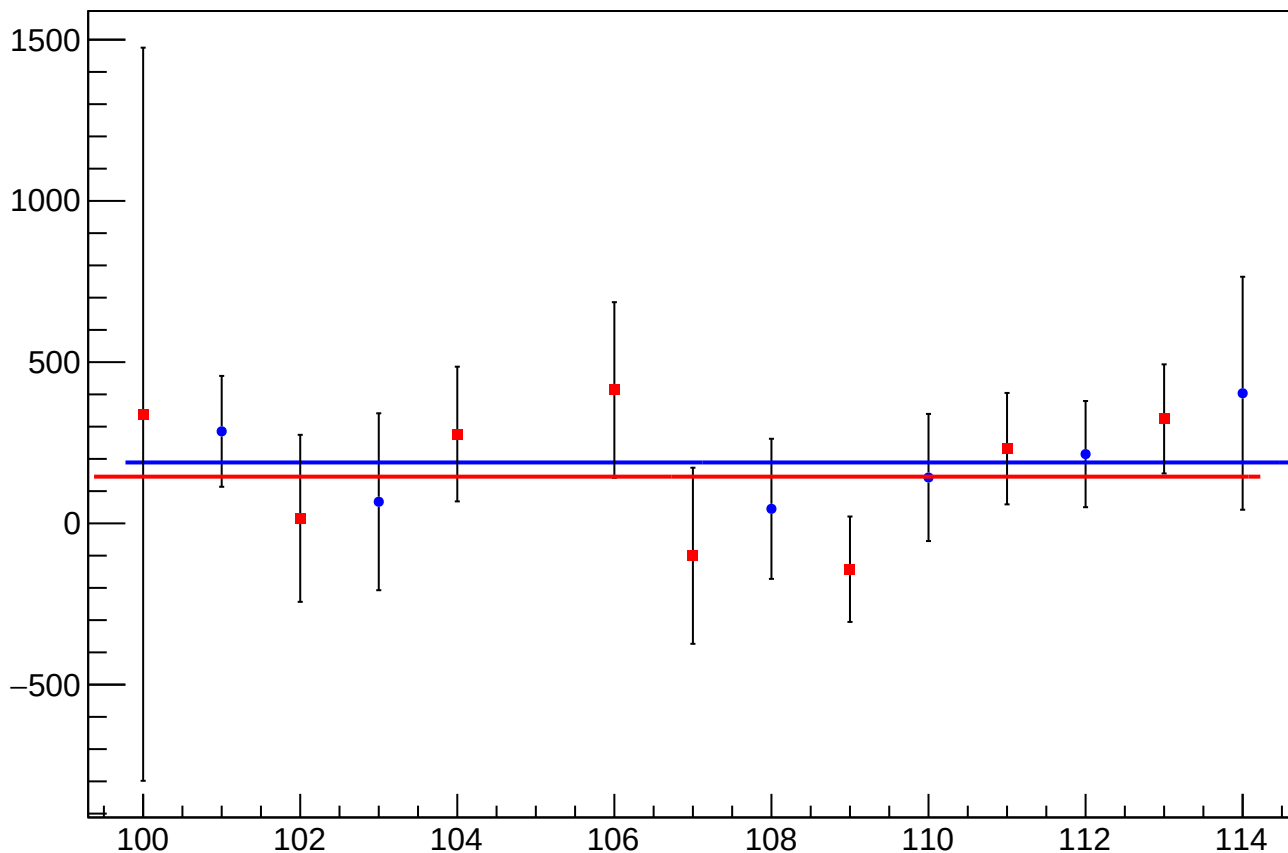
Right: 1567.760+/-0.460 χ^2/NDF : 42621.7/13

In: 1559.154+/-0.680 χ^2/NDF : 21908.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.760+/-0.460 χ^2/NDF : 42621.7/13

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 188.933+/-84.947 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.959+/-76.382 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

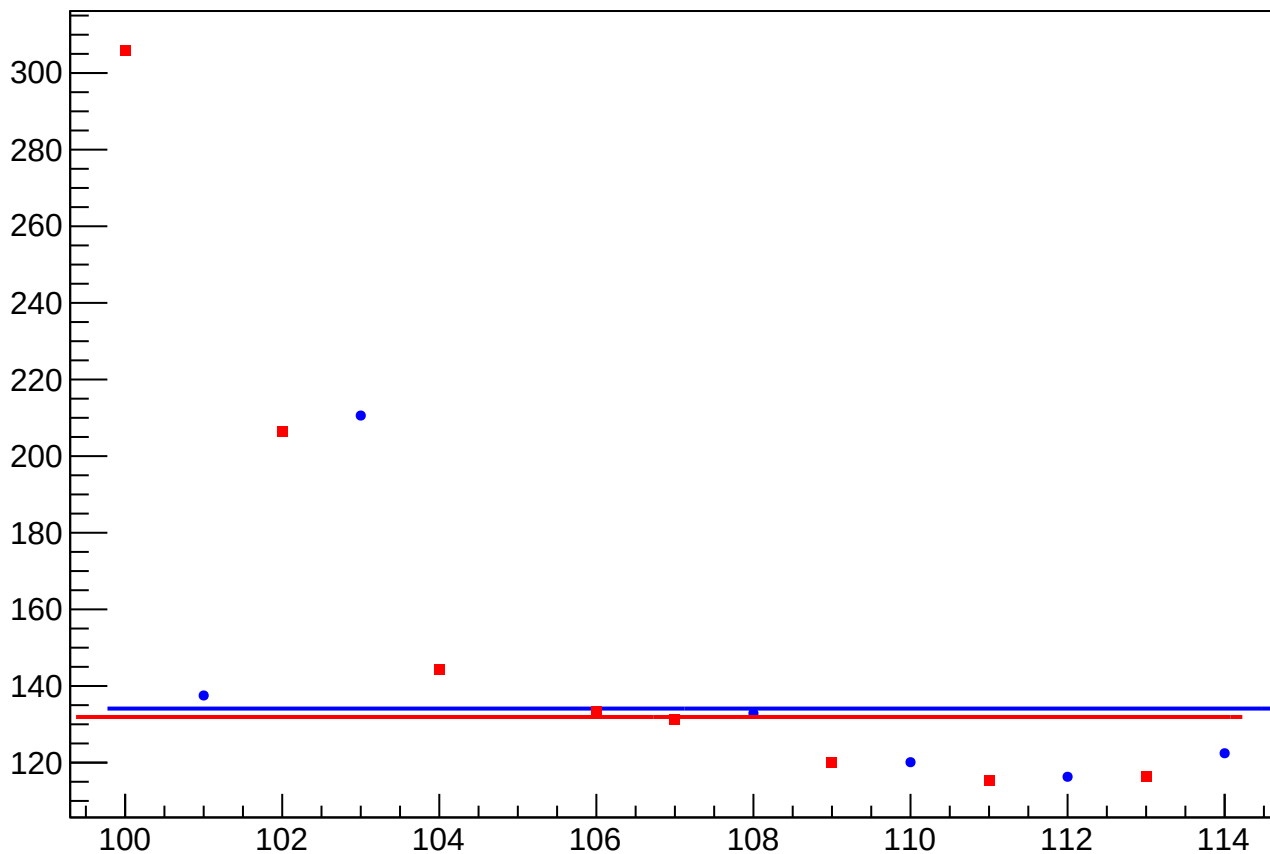
Right: 164.618+/-56.798 χ^2/NDF : 8.5/13

In: 188.933+/-84.947 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.618+/-56.798 χ^2/NDF : 8.5/13

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

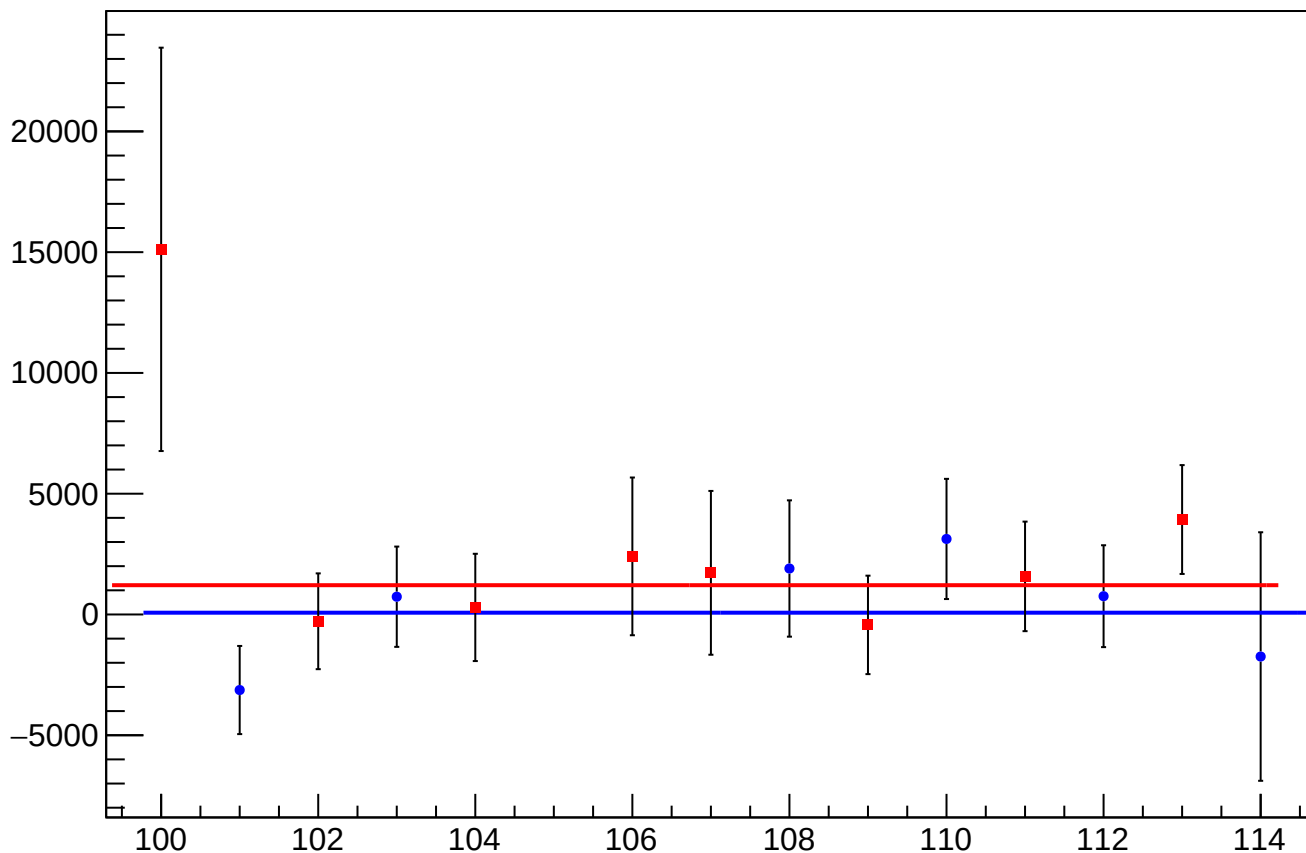
Right: 132.892 $\pm$ 0.040 χ^2 /NDF: 456923.2/13

In: 134.107 $\pm$ 0.060 χ^2 /NDF:191879.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132.892 $\pm$ 0.040 χ^2 /NDF: 456923.2/13

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

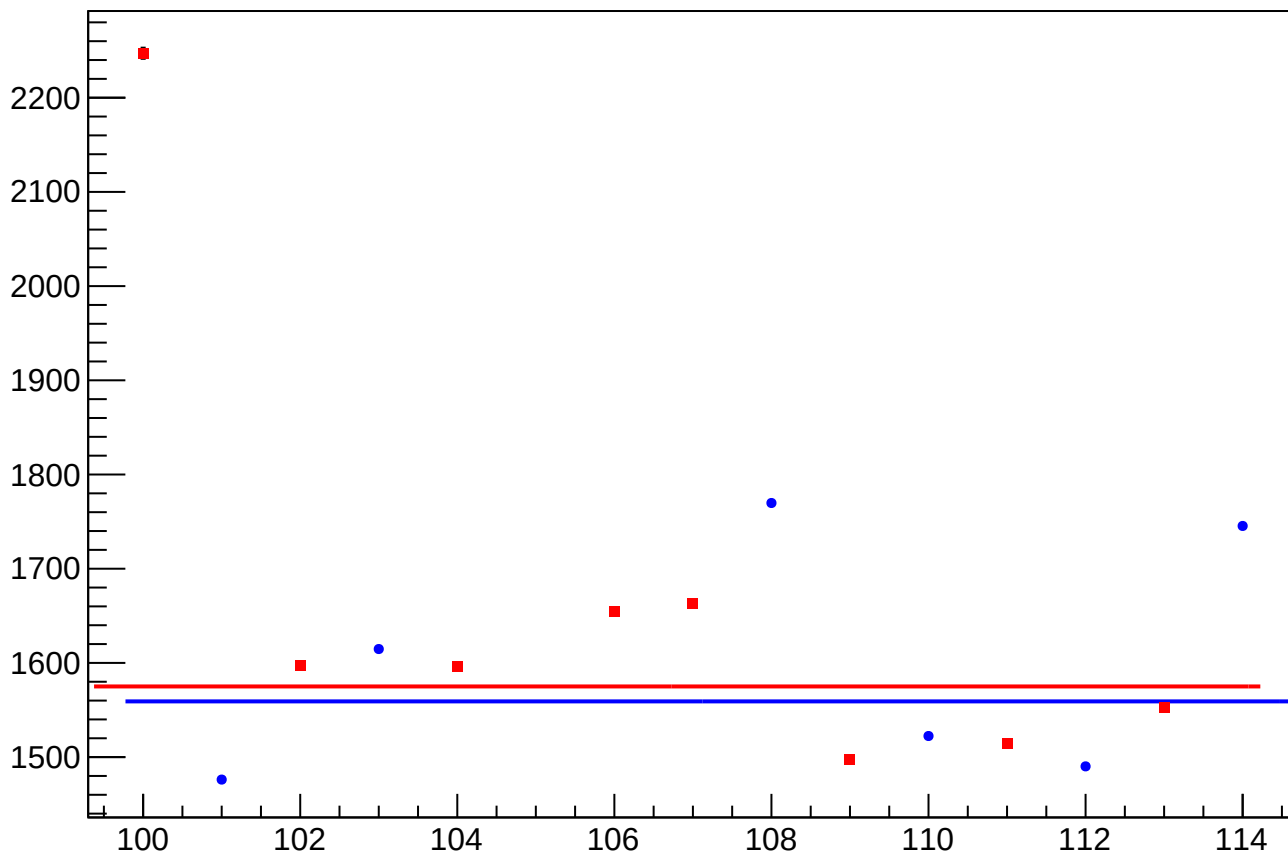
Right: 691.496+/-650.047 χ^2/NDF : 11.9/13

In: 73.525+/-961.312 χ^2/NDF : 5.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.496+/-650.047 χ^2/NDF : 11.9/13

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

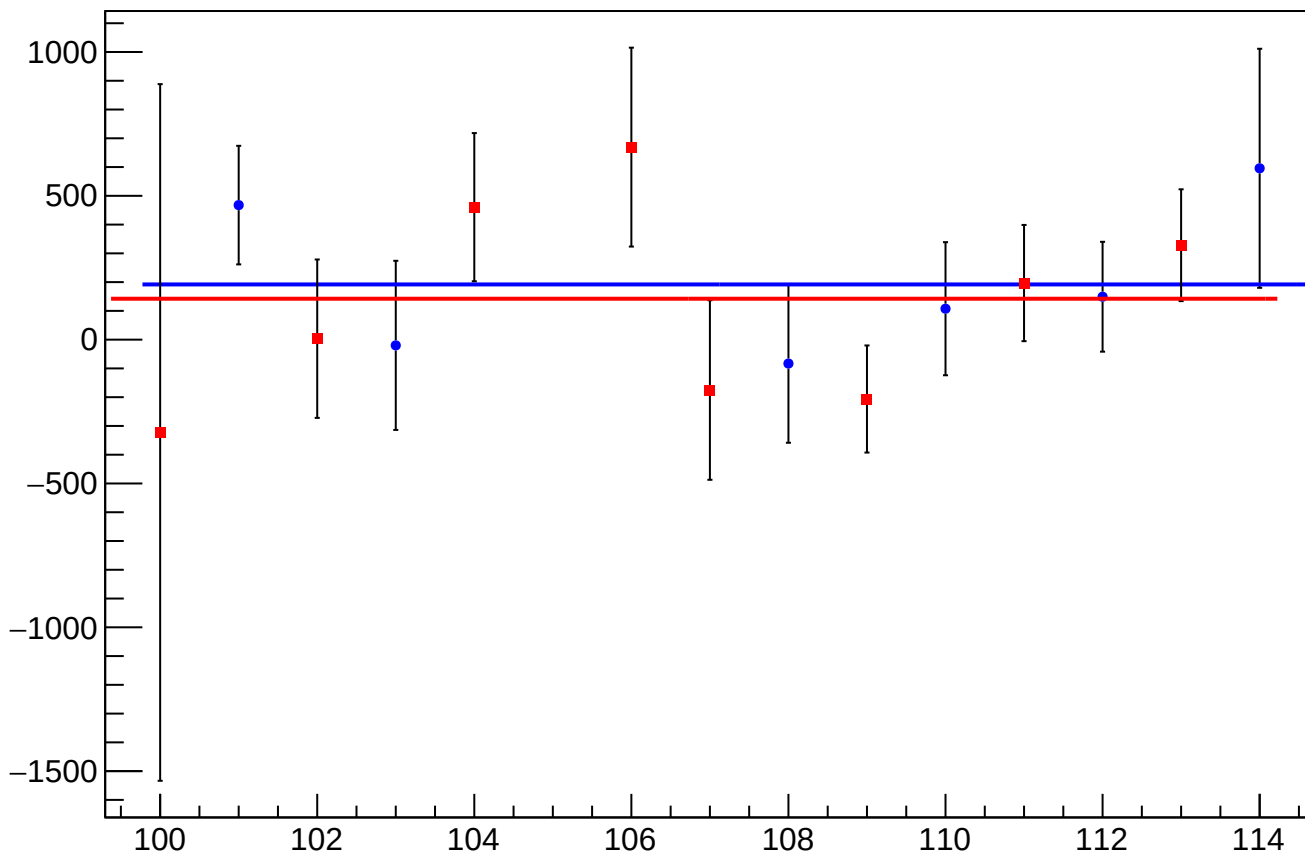
Right: 1567.760+/-0.460 χ^2/NDF : 42621.7/13

In: 1559.154+/-0.680 χ^2/NDF : 21908.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.760+/-0.460 χ^2/NDF : 42621.7/13

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 191.967 $\pm$ 99.898 χ^2 /NDF: 4.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.260 $\pm$ 88.597 χ^2 /NDF: 9.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

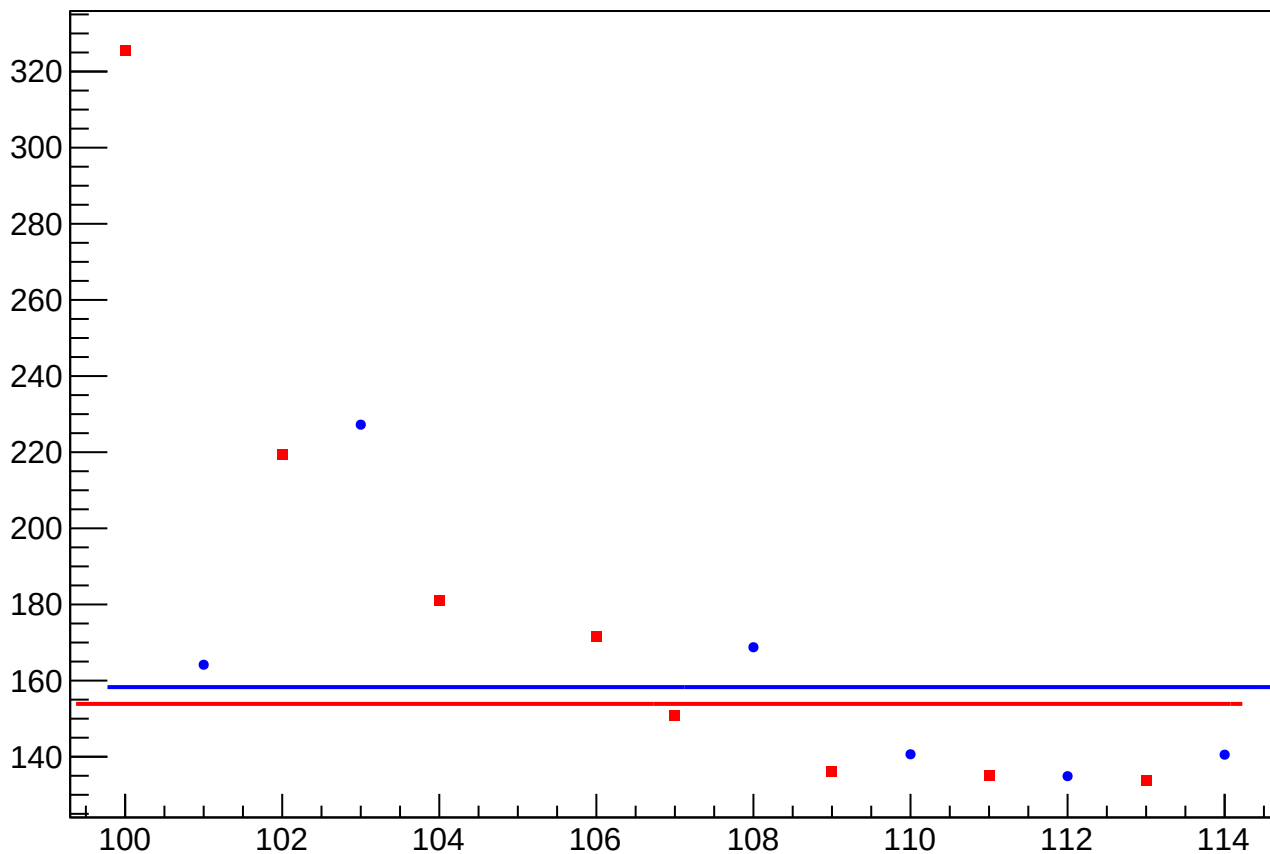
Right: 164.144 $\pm$ 66.284 χ^2 /NDF: 14.4/13

In: 191.967 $\pm$ 99.898 χ^2 /NDF: 4.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.144 $\pm$ 66.284 χ^2 /NDF: 14.4/13

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

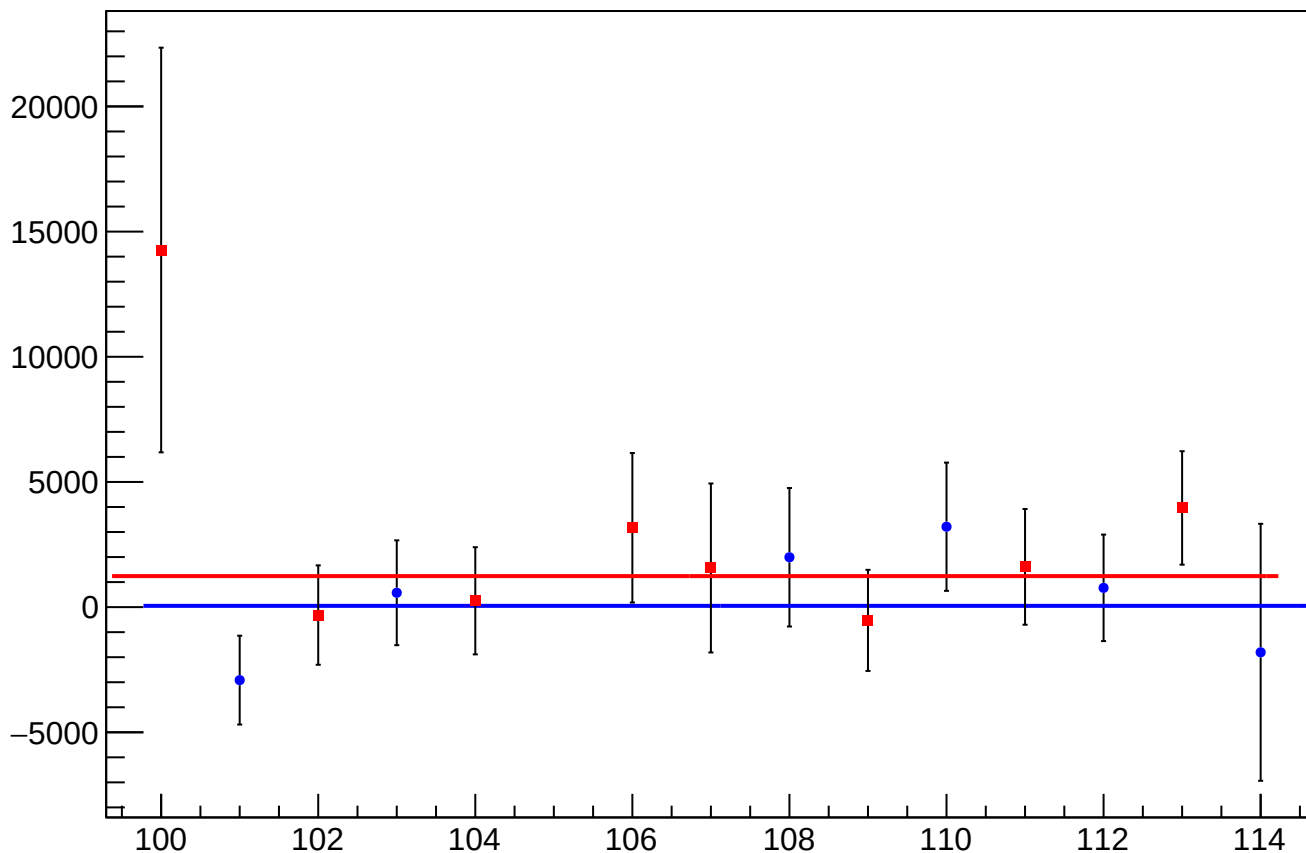
Right: 155.825 $\pm$ 0.047 χ^2 /NDF: 400125.7/13

In: 158.292 $\pm$ 0.071 χ^2 /NDF:159836.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.825 $\pm$ 0.047 χ^2 /NDF: 400125.7/13

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

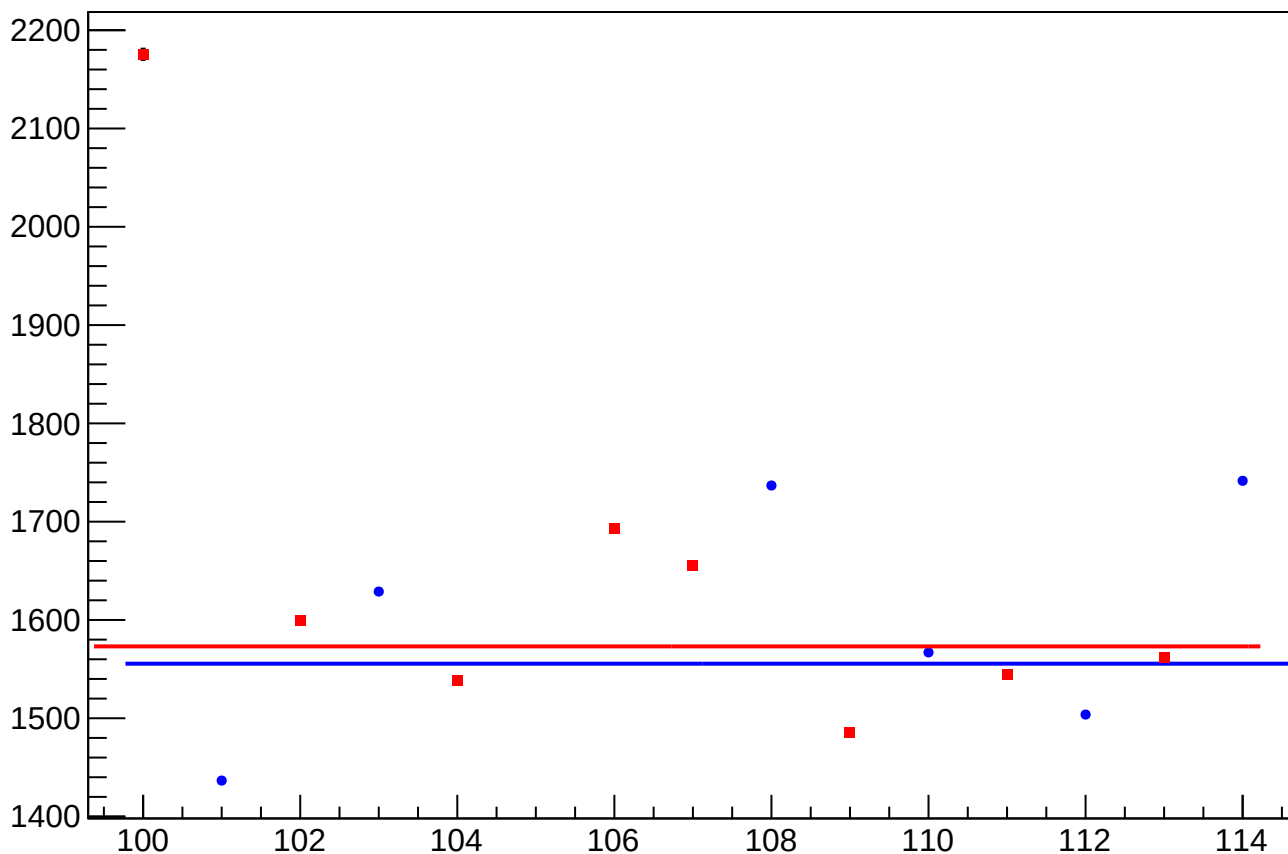
Right: 700.954+/-645.215 χ^2/NDF : 12.0/13

In: 50.969+/-958.767 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.954+/-645.215 χ^2/NDF : 12.0/13

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

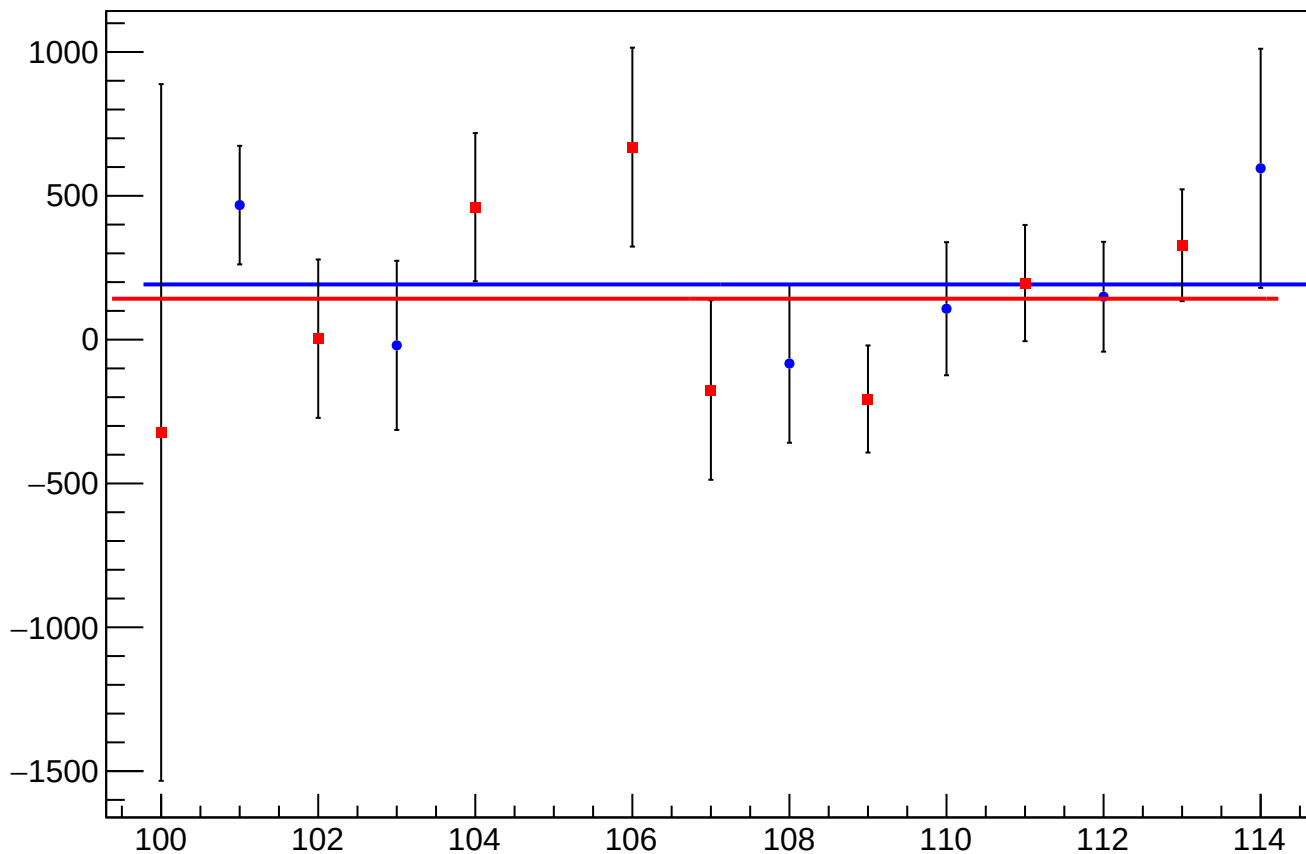
Right: 1565.146+/-0.456 χ^2/NDF : 44775.3/13

In: 1555.524+/-0.678 χ^2/NDF : 23879.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.146+/-0.456 χ^2/NDF : 44775.3/13

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

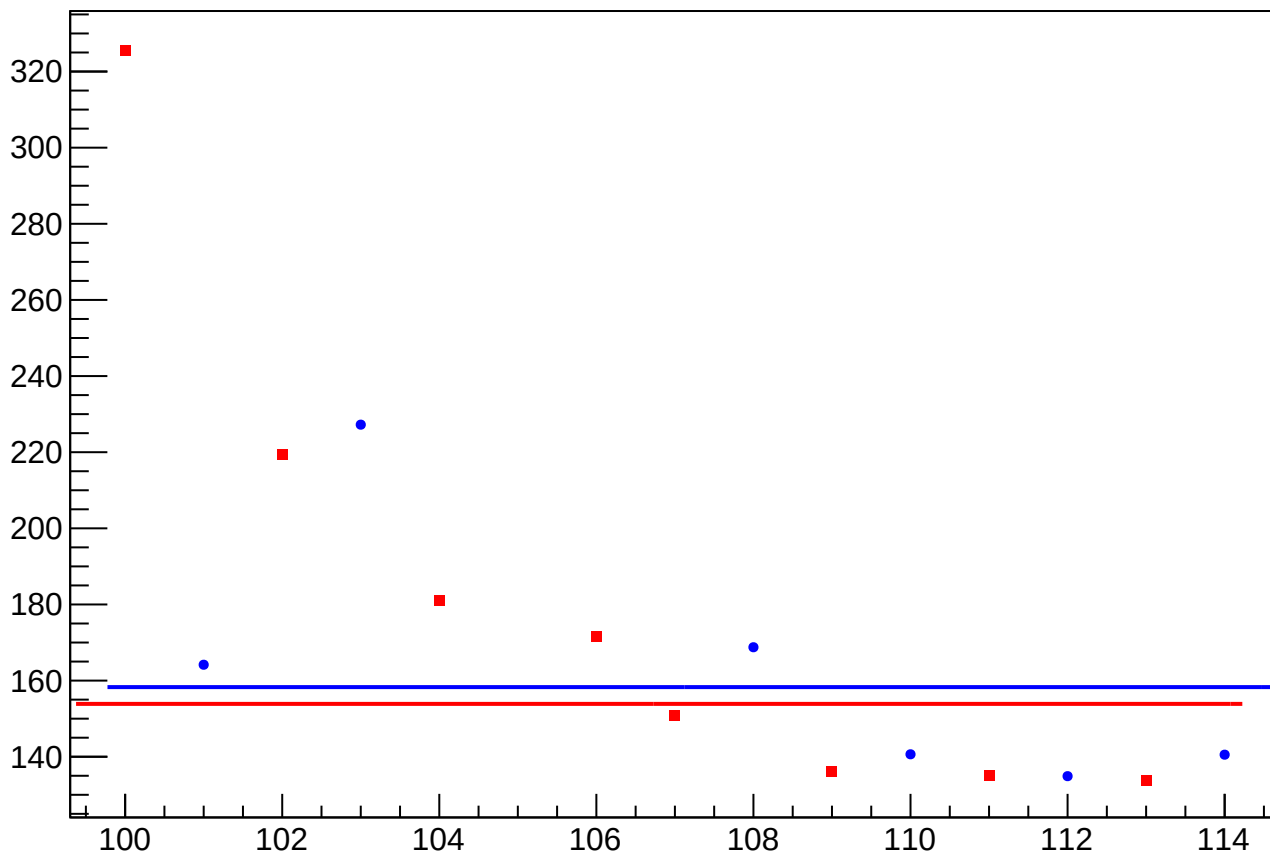
Right: 164.139 $\pm$ 66.284 χ^2 /NDF: 14.4/13

In: 191.962 $\pm$ 99.898 χ^2 /NDF: 4.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.139 $\pm$ 66.284 χ^2 /NDF: 14.4/13

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

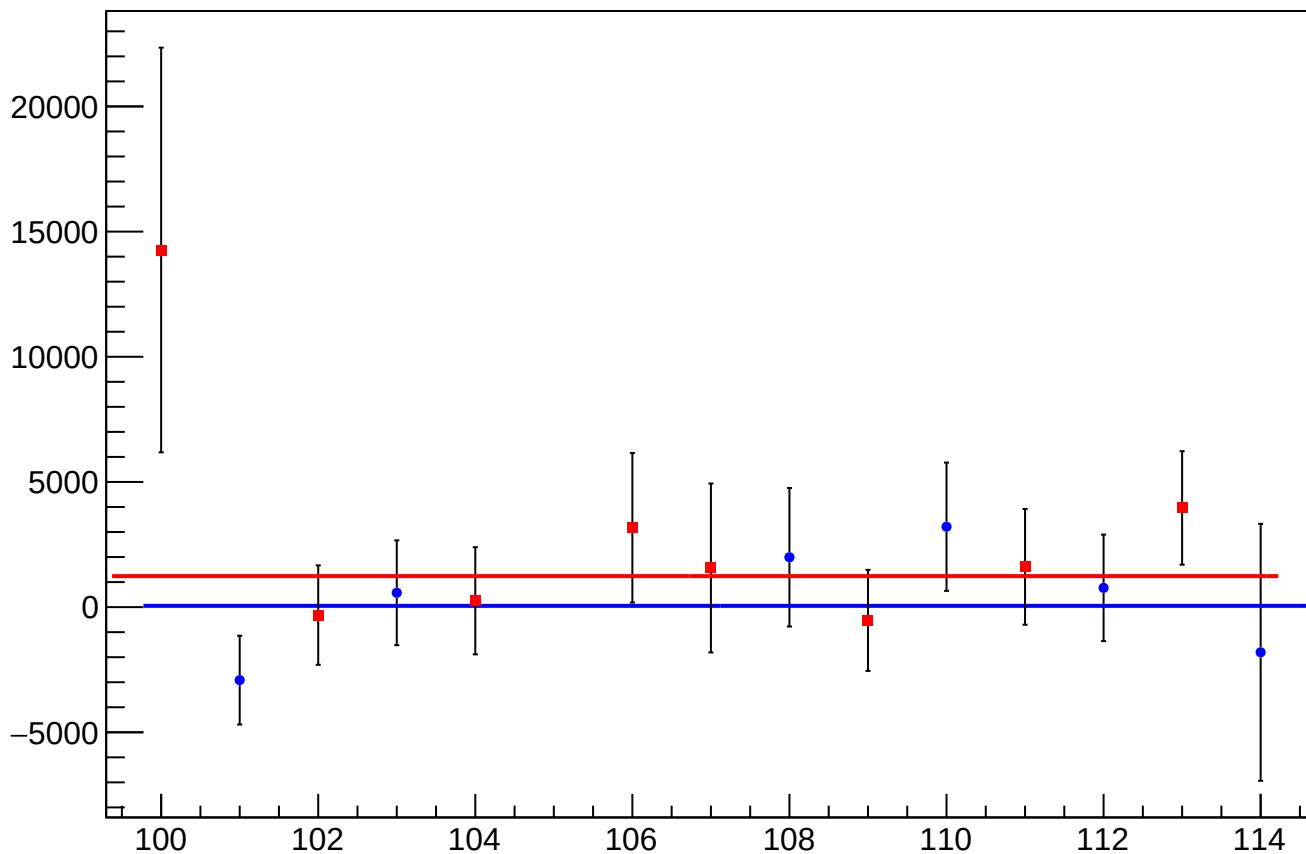
Right: 155.824 $\pm$ 0.047 χ^2 /NDF: 400138.4/13

In: 158.292 $\pm$ 0.071 χ^2 /NDF:159842.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.824 $\pm$ 0.047 χ^2 /NDF: 400138.4/13

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

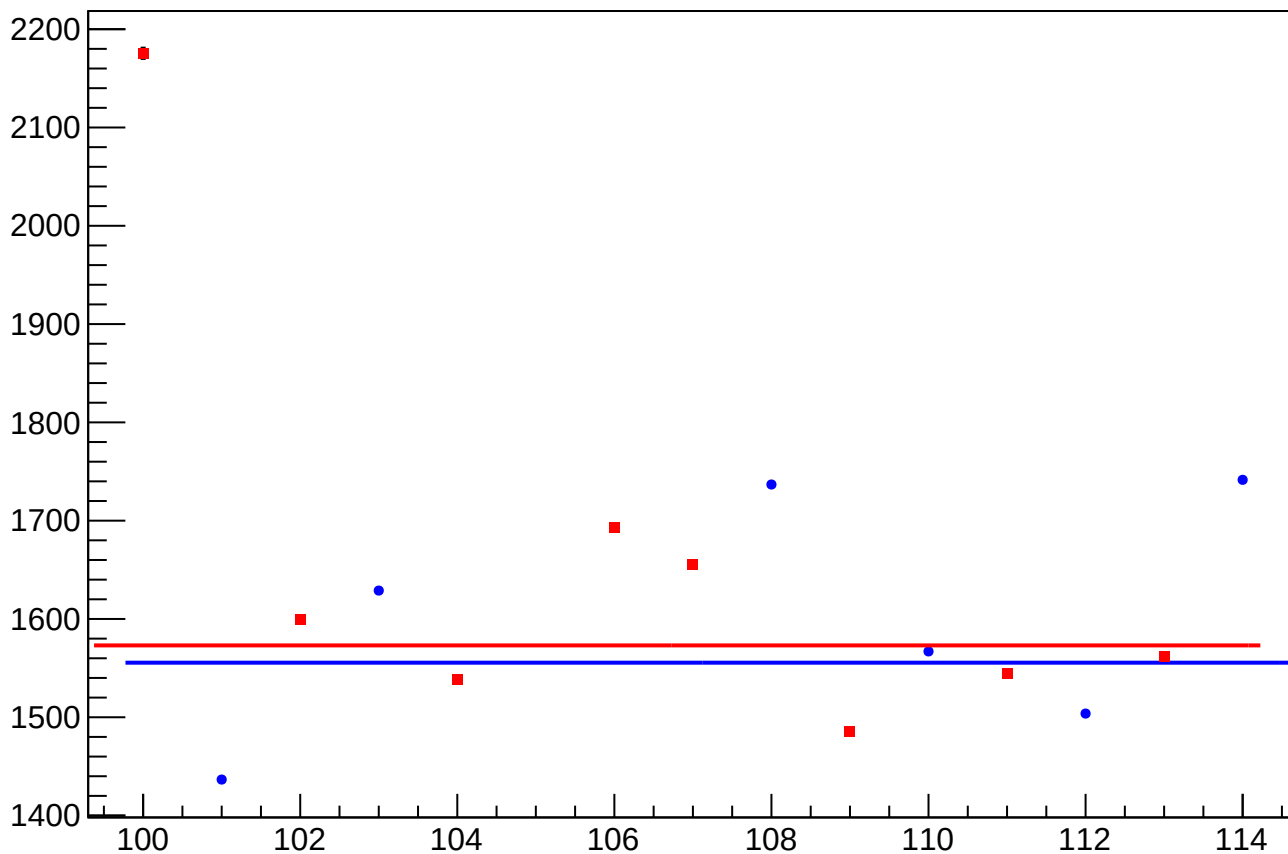
Right: 700.952+/-645.213 χ^2/NDF : 12.0/13

In: 50.969+/-958.763 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.952+/-645.213 χ^2/NDF : 12.0/13

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1555.518+/-0.678 χ^2/NDF : 23879.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.105+/-0.617 χ^2/NDF : 20528.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

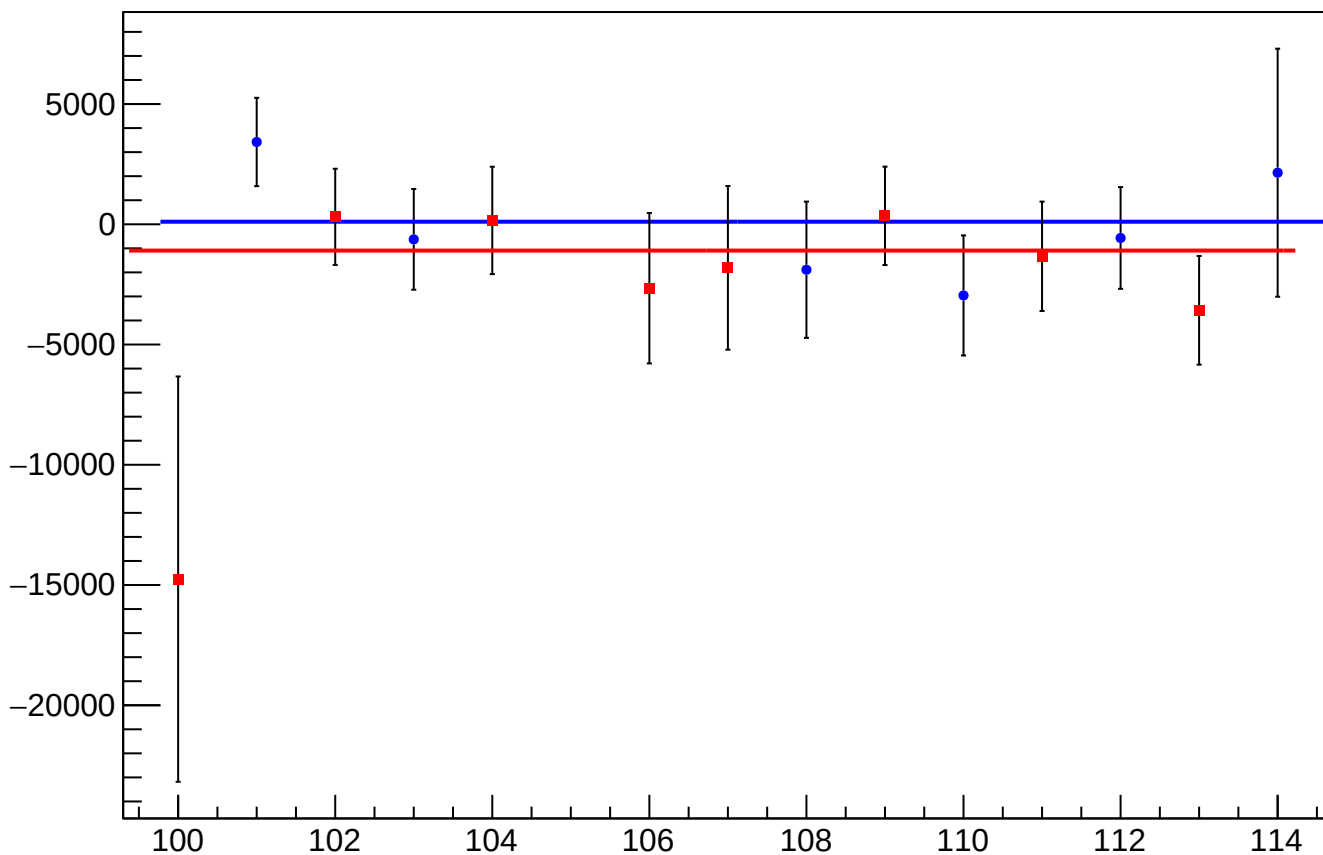
Right: 1565.140+/-0.456 χ^2/NDF : 44775.6/13

In: 1555.518+/-0.678 χ^2/NDF : 23879.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.140+/-0.456 χ^2/NDF : 44775.6/13

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 106.884+/-966.613 χ^2/NDF : 5.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1092.865+/-883.319 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

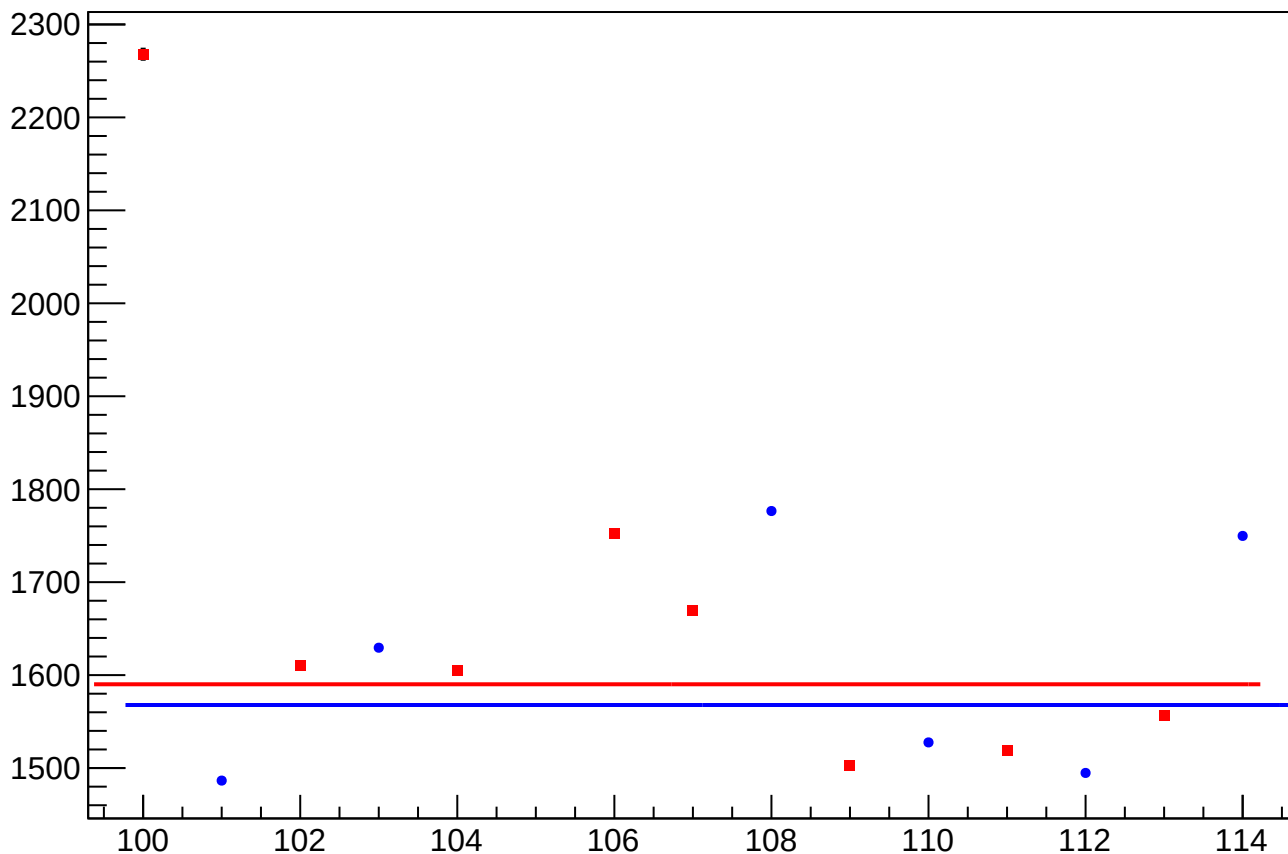
Right: -546.900+/-652.063 χ^2/NDF : 11.9/13

In: 106.884+/-966.613 χ^2/NDF : 5.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -546.900+/-652.063 χ^2/NDF : 11.9/13

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1567.839+/-0.683 χ^2/NDF : 21897.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.132+/-0.625 χ^2/NDF : 25698.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

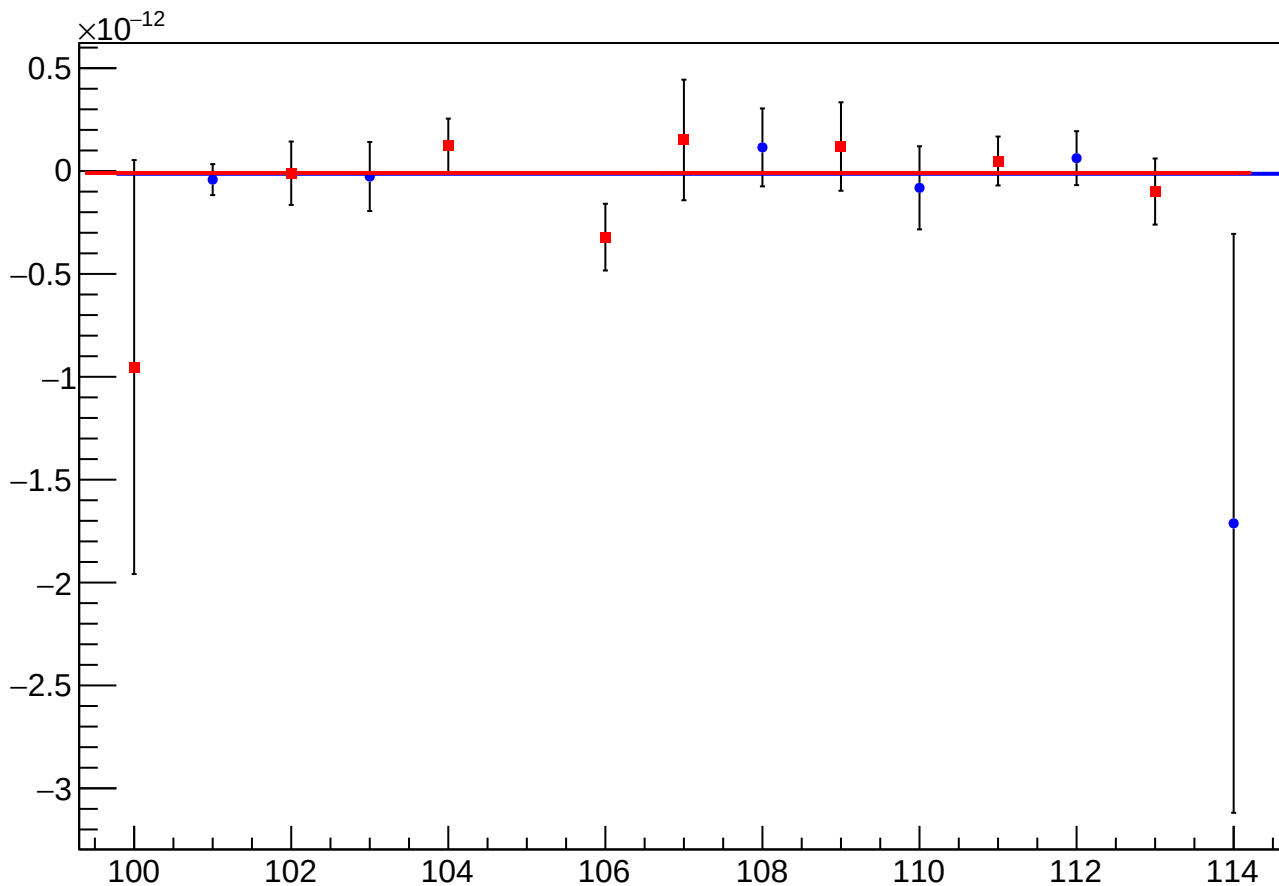
Right: 1579.987+/-0.461 χ^2/NDF : 48175.6/13

In: 1567.839+/-0.683 χ^2/NDF : 21897.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.987+/-0.461 χ^2/NDF : 48175.6/13

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

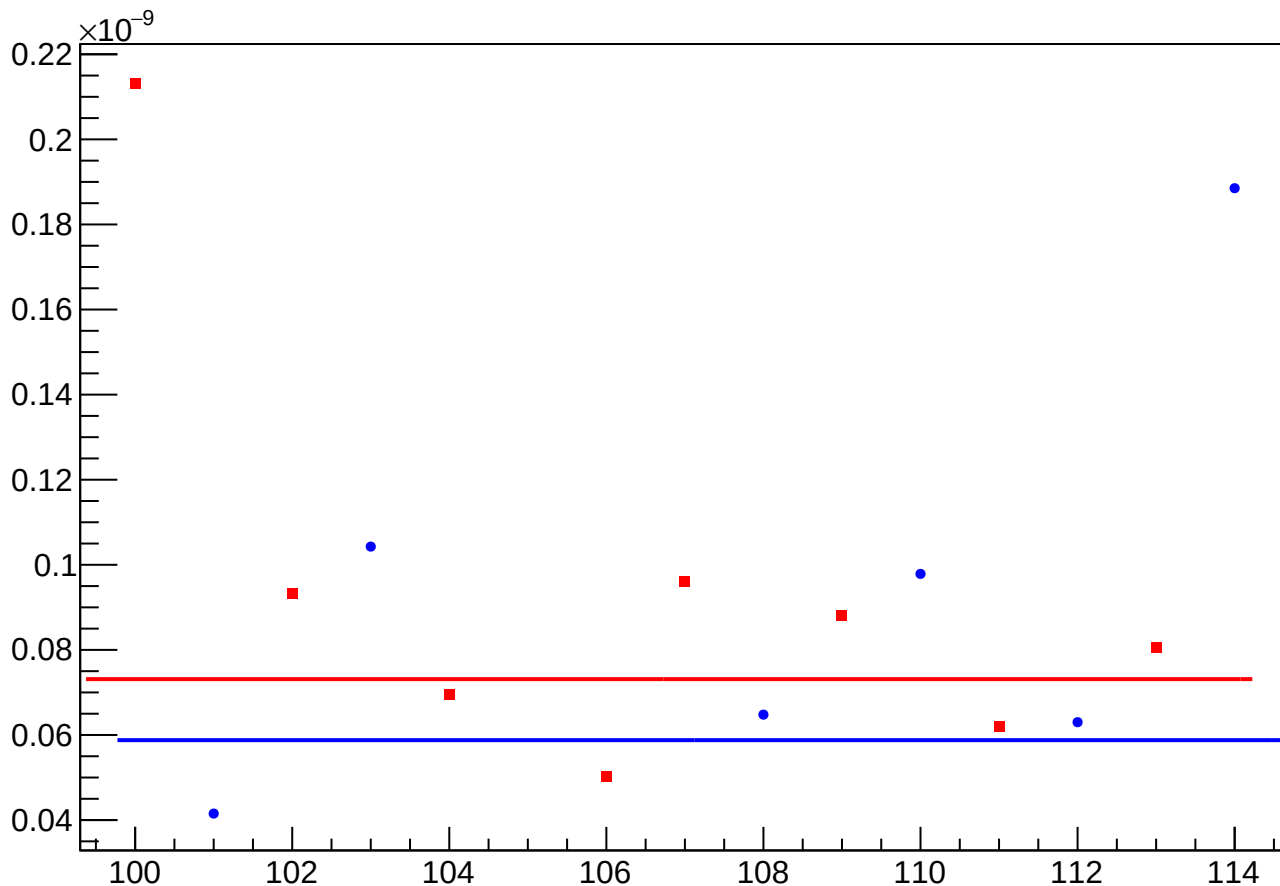
Right: -0.000+/-0.000 χ^2 /NDF: 9.3/13

In: -0.000+/-0.000 χ^2 /NDF:2.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.3/13

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

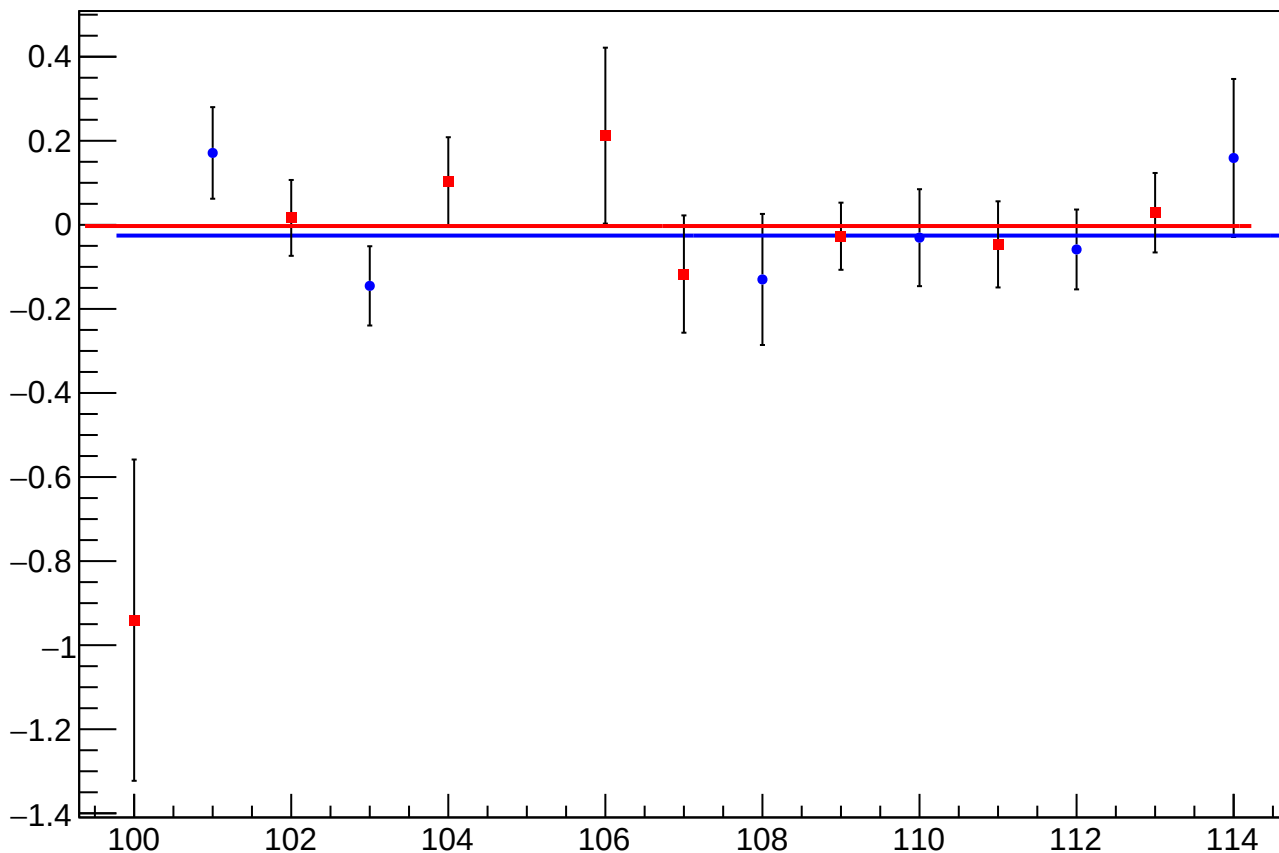
Right: 0.000+/-0.000 χ^2/NDF : 567558.3/13

In: 0.000+/-0.000 χ^2/NDF : 348213.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 567558.3/13

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

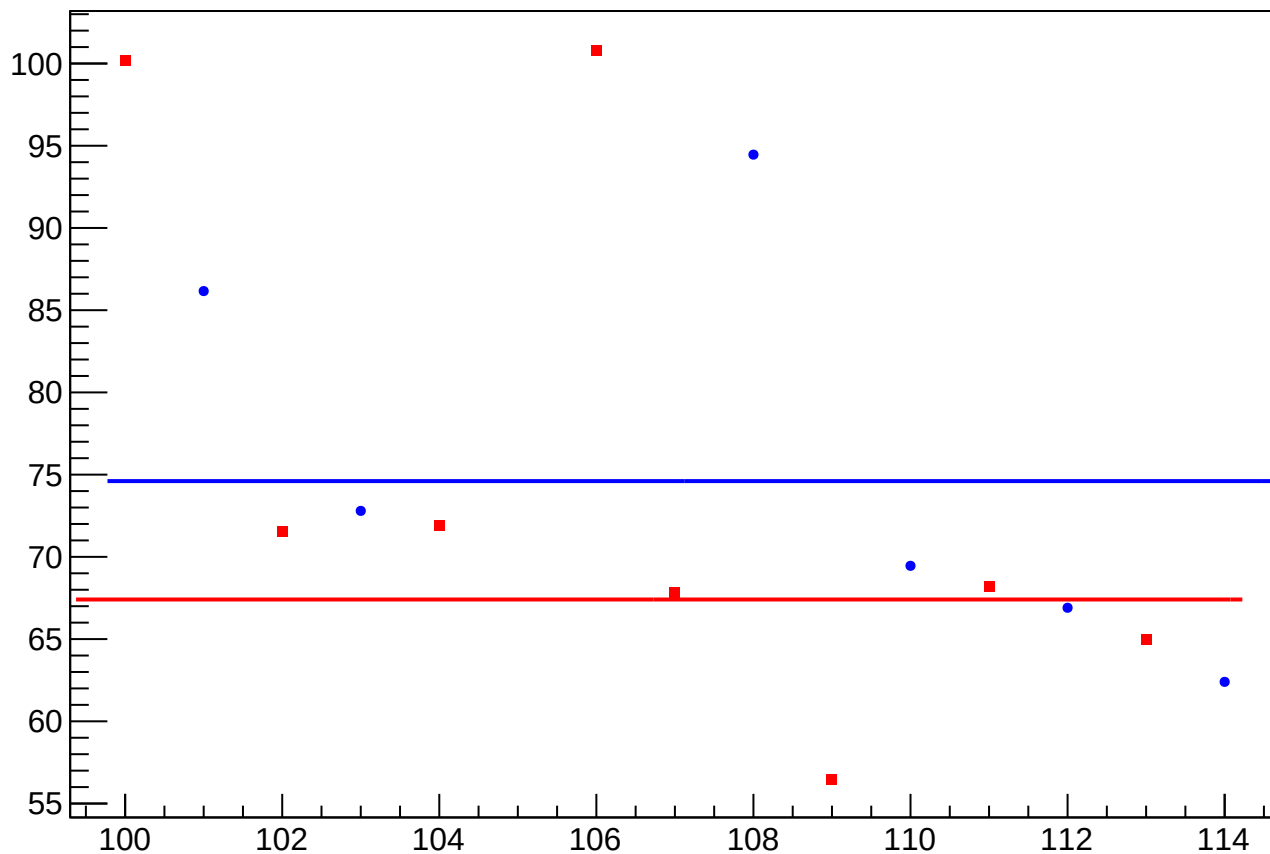
Right: -0.012 ± 0.030 χ^2/NDF : 15.7/13

In: -0.026 ± 0.047 χ^2/NDF : 6.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.030 χ^2/NDF : 15.7/13

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

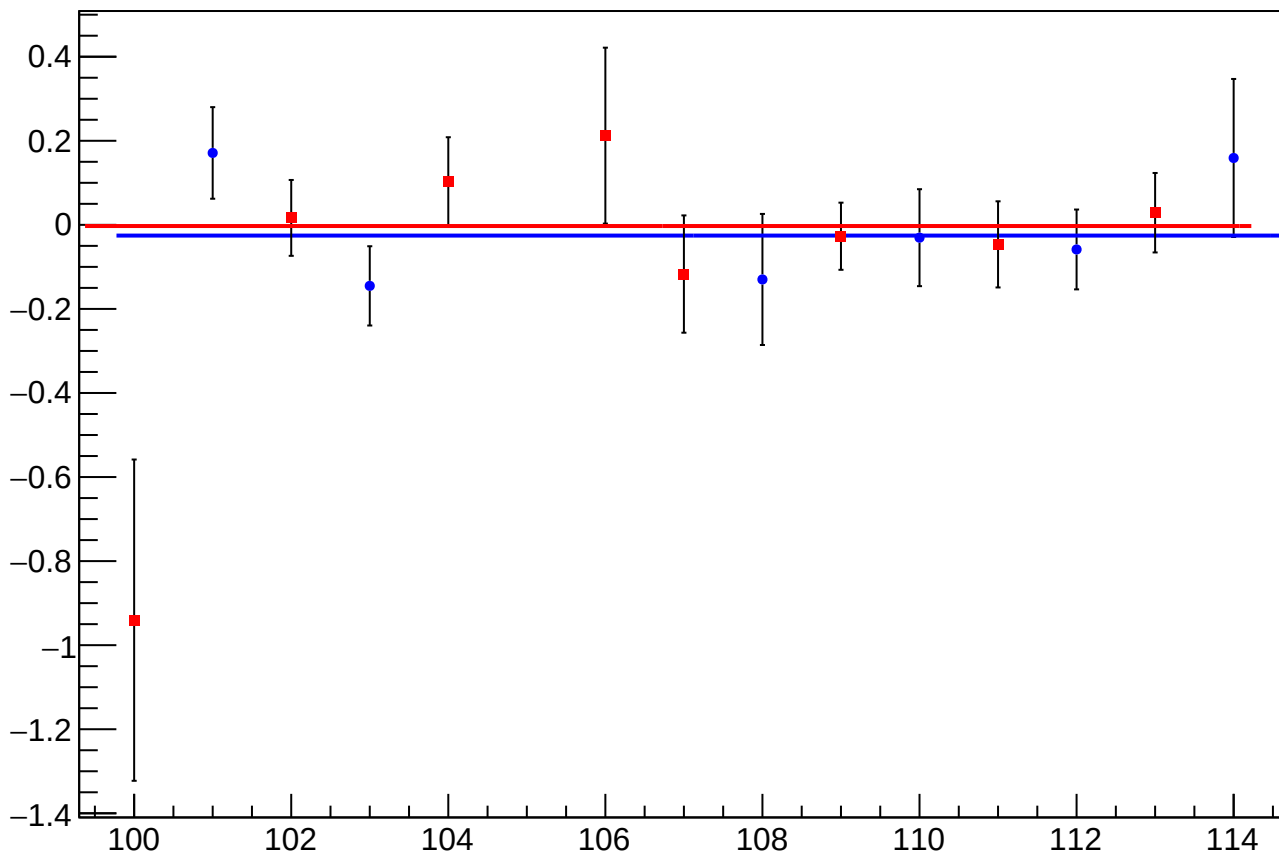
Right: 70.342 $\pm$ 0.021 χ^2 /NDF: 221682.9/13

In: 74.607 $\pm$ 0.033 χ^2 /NDF:81226.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.342 $\pm$ 0.021 χ^2 /NDF: 221682.9/13

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

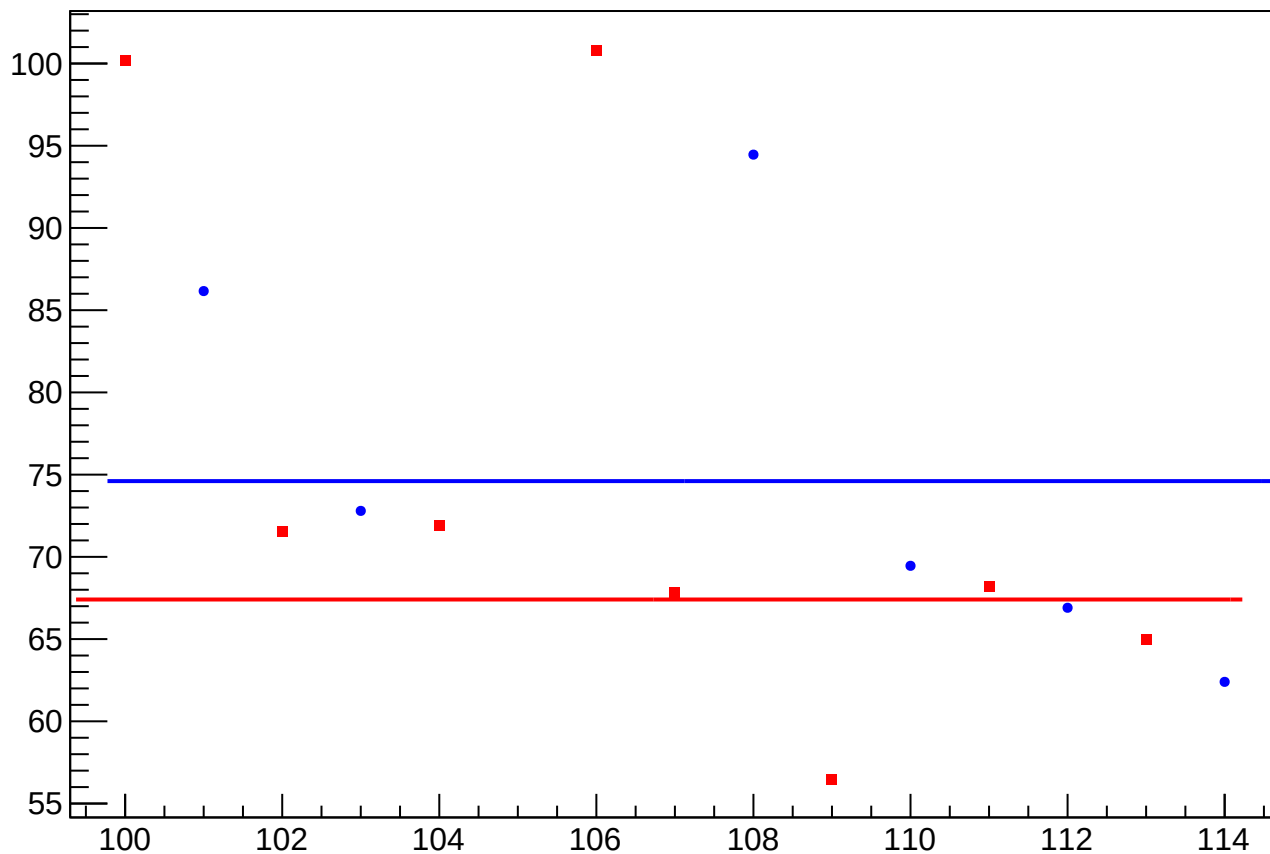
Right: -0.012 ± 0.030 χ^2/NDF : 15.7/13

In: -0.026 ± 0.047 χ^2/NDF : 6.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.030 χ^2/NDF : 15.7/13

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

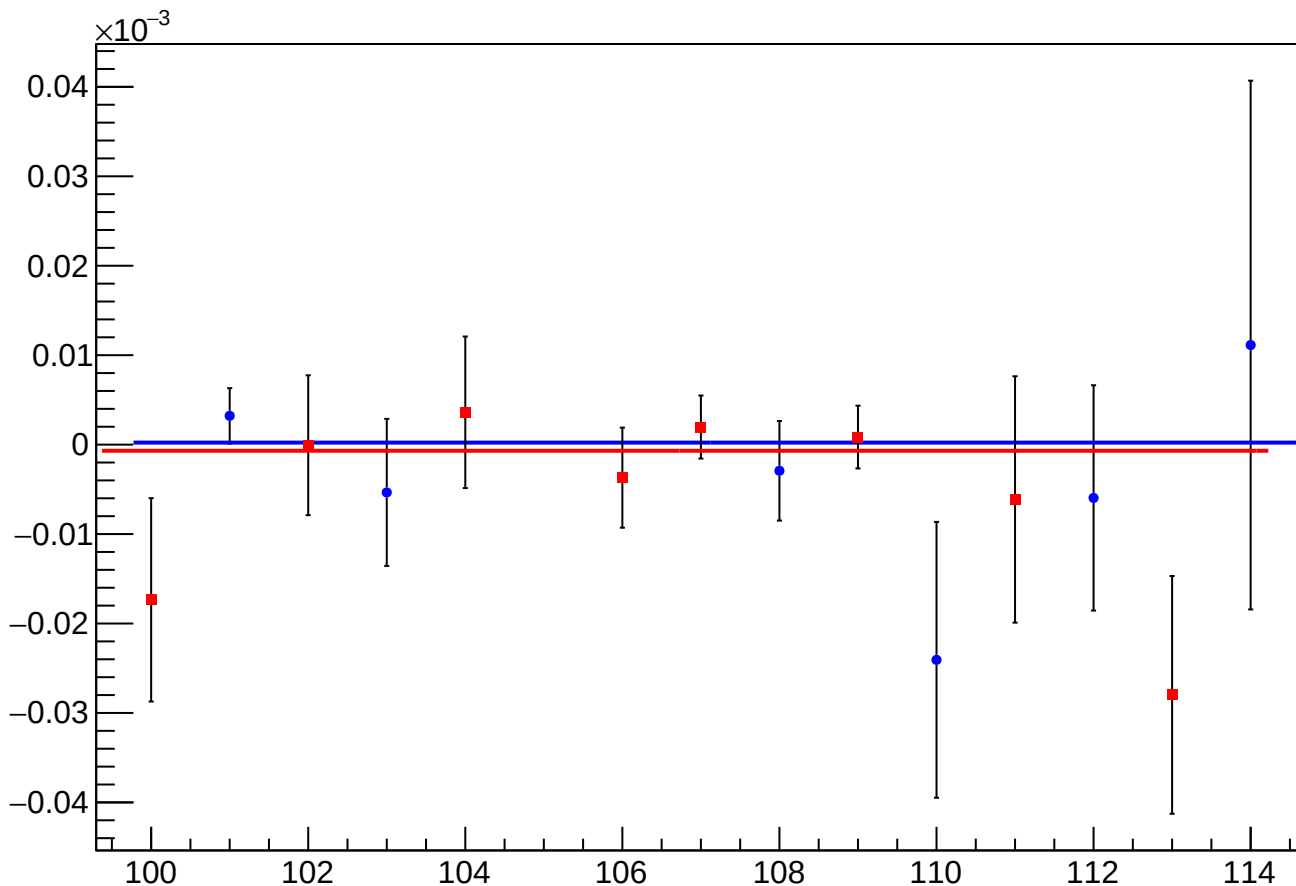
Right: 70.342 $\pm$ 0.021 χ^2 /NDF: 221682.9/13

In: 74.607 $\pm$ 0.033 χ^2 /NDF:81226.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.342 $\pm$ 0.021 χ^2 /NDF: 221682.9/13

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

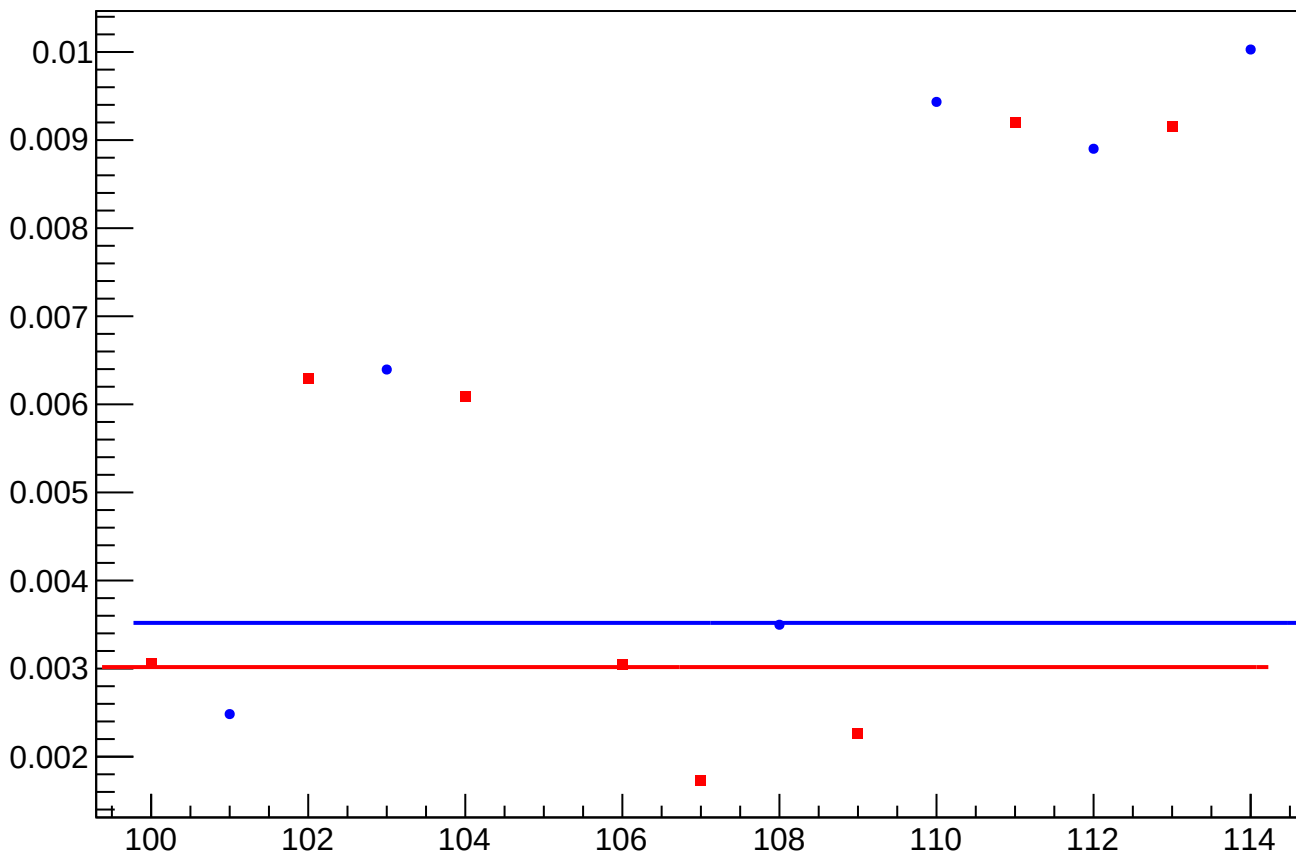
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

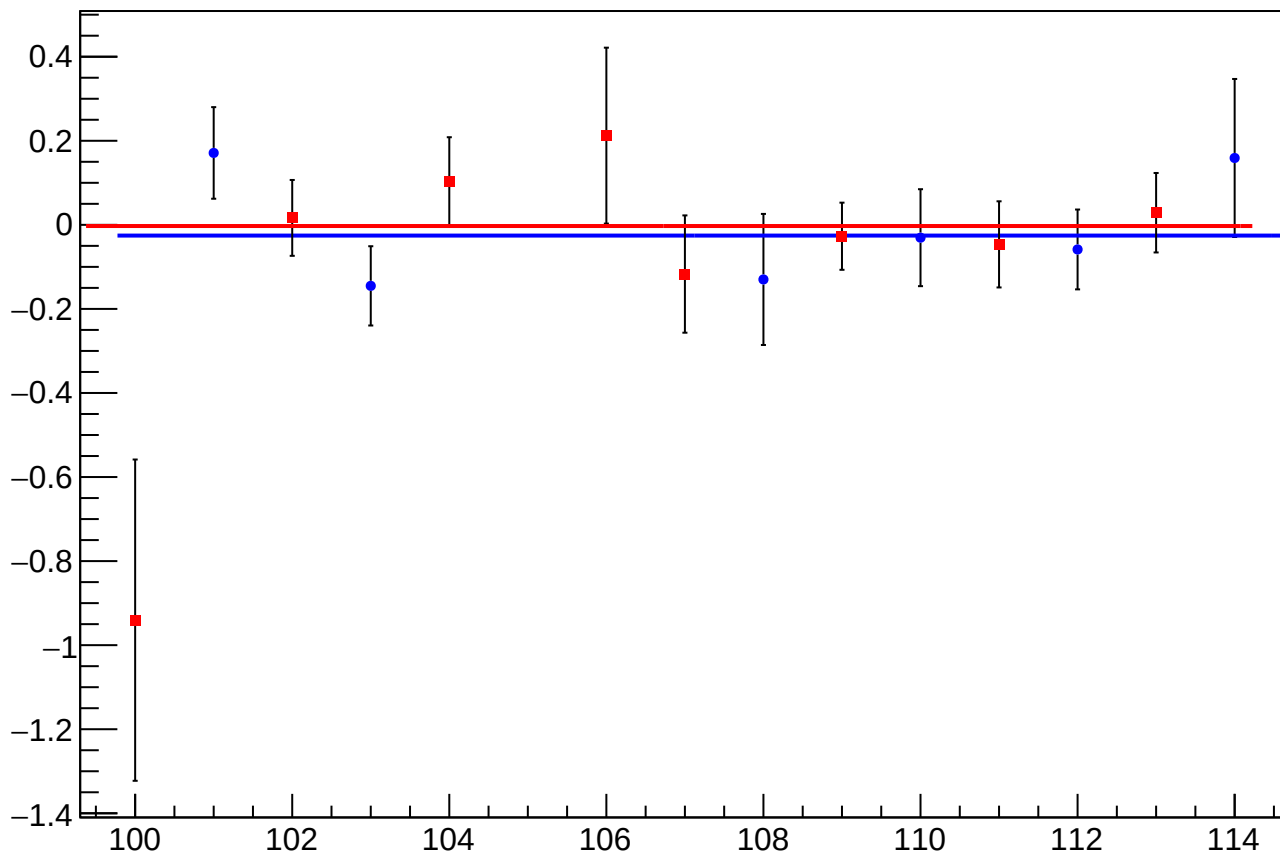
Right: 0.003+/-0.000 χ^2/NDF : 3077946.4/13

In: 0.004+/-0.000 χ^2/NDF : 1225239.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3077946.4/13

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

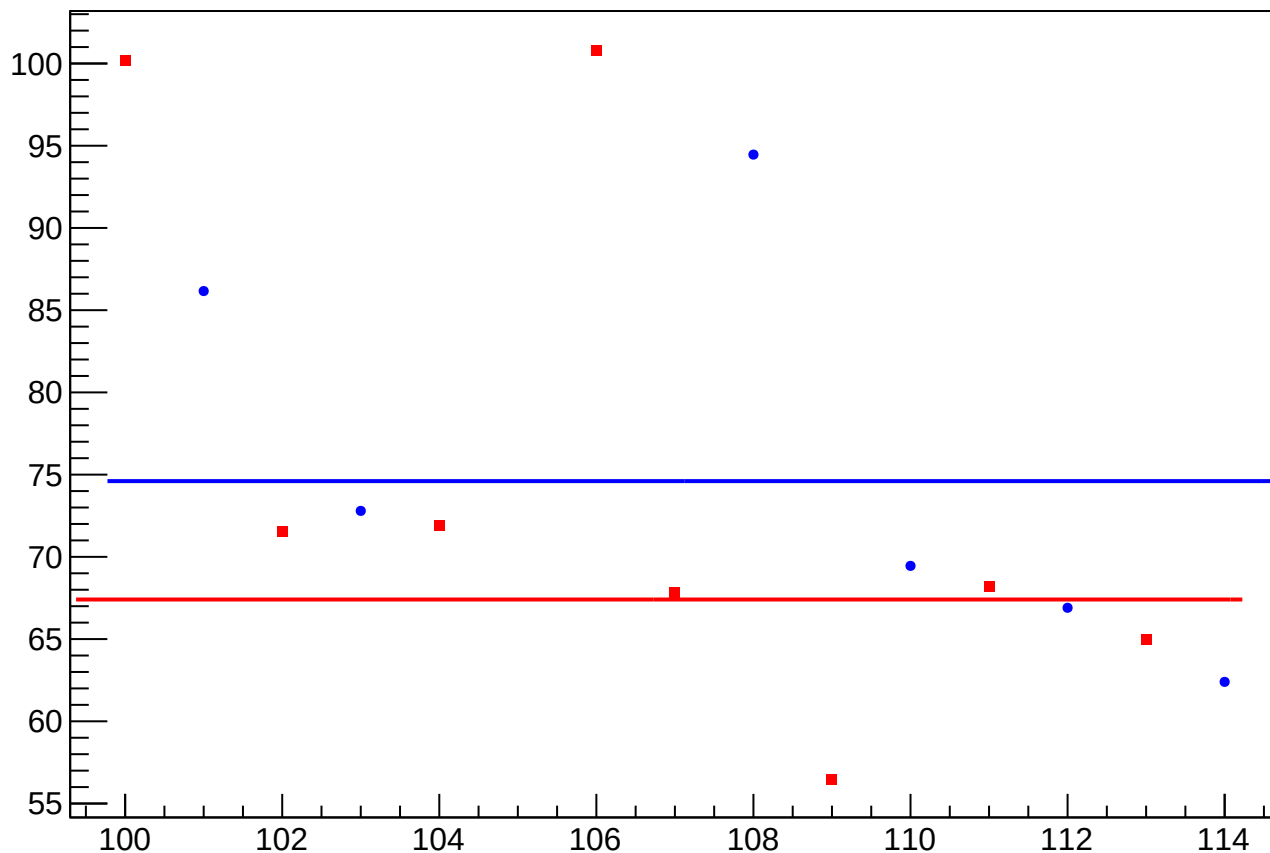
Right: -0.012 $\pm$ 0.030 χ^2 /NDF: 15.7/13

In: -0.026 $\pm$ 0.047 χ^2 /NDF:6.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.030 χ^2 /NDF: 15.7/13

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.606+/-0.033 χ^2/NDF : 81247.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.406+/-0.028 χ^2/NDF : 112689.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

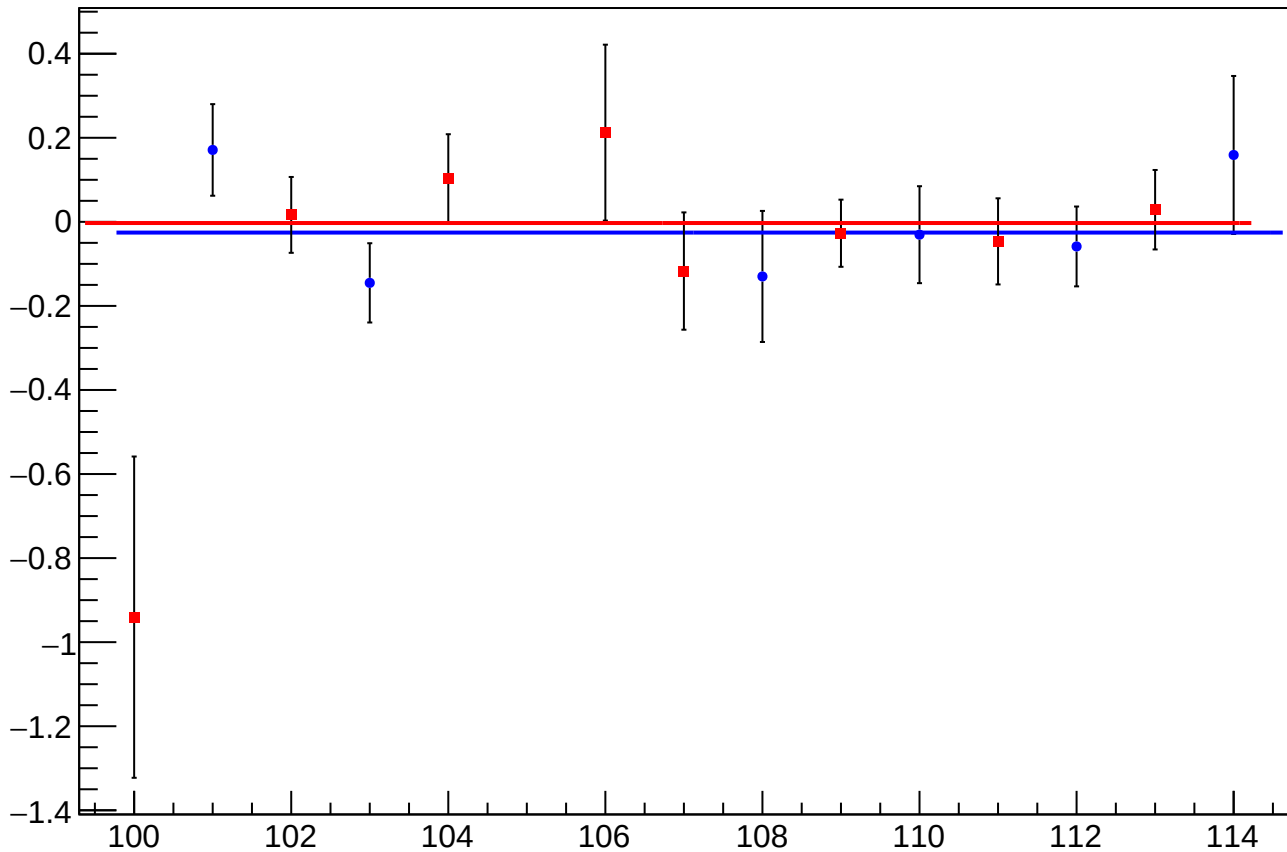
Right: 70.341+/-0.021 χ^2/NDF : 221701.9/13

In: 74.606+/-0.033 χ^2/NDF : 81247.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.341+/-0.021 χ^2/NDF : 221701.9/13

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

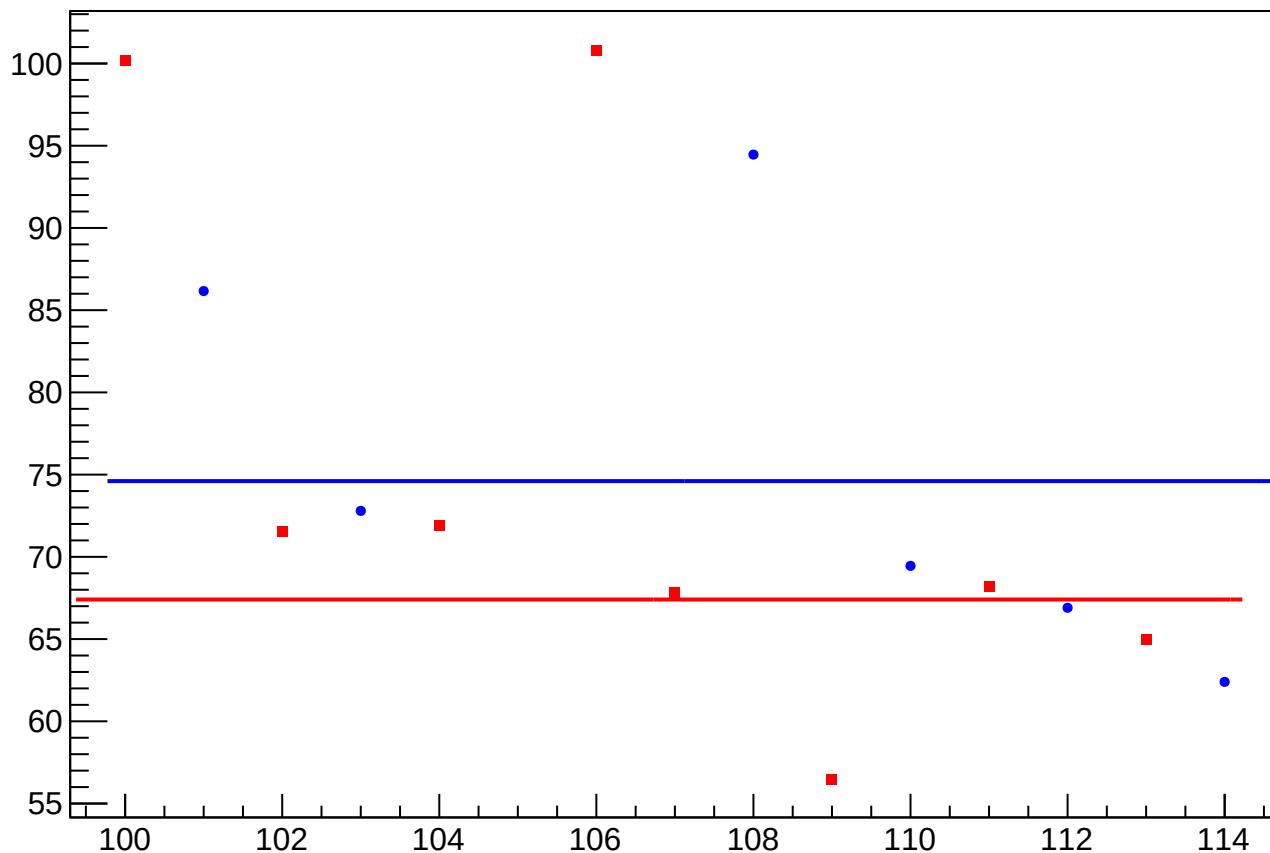
Right: -0.012 $\pm$ 0.030 χ^2 /NDF: 15.7/13

In: -0.026 $\pm$ 0.047 χ^2 /NDF:6.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.030 χ^2 /NDF: 15.7/13

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.606+/-0.033 χ^2/NDF : 81247.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.406+/-0.028 χ^2/NDF : 112689.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

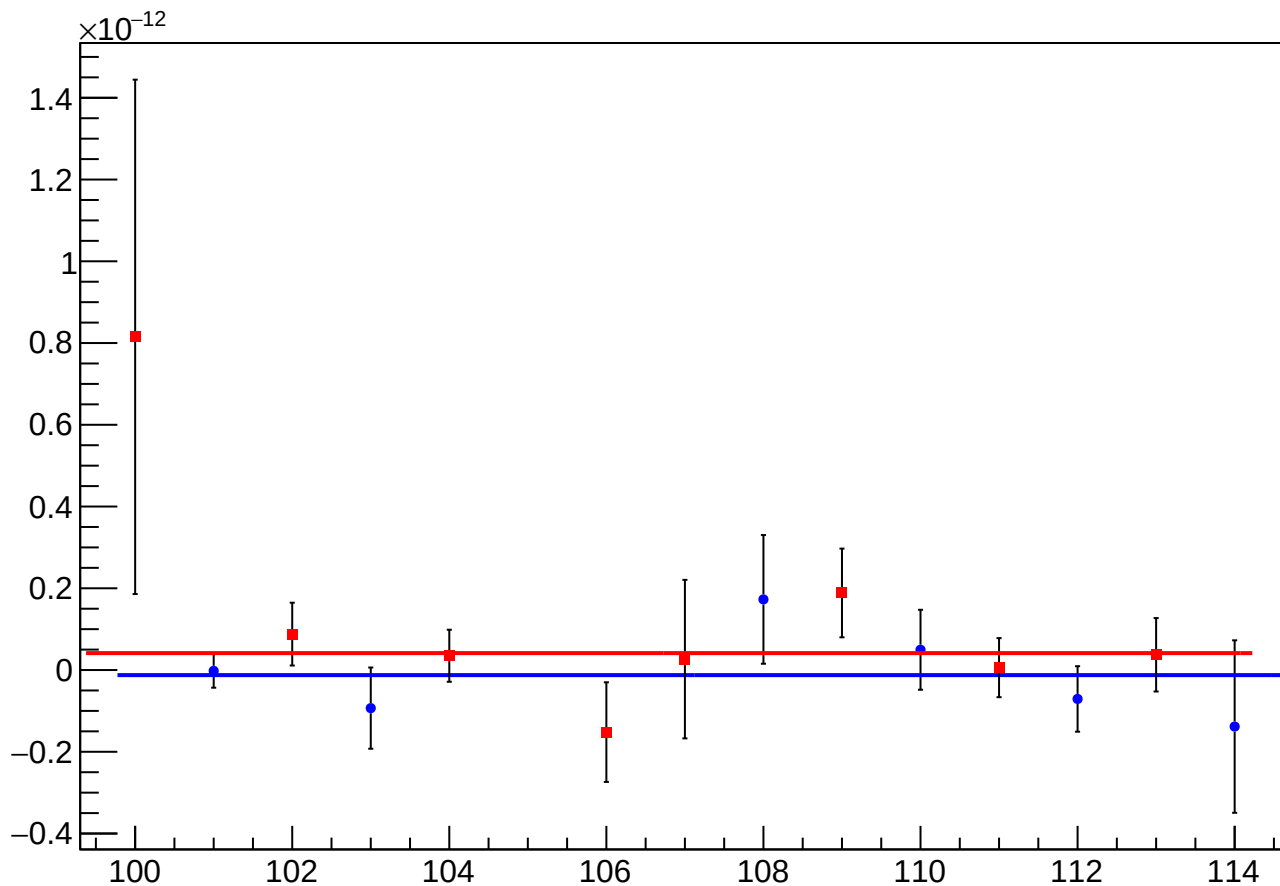
Right: 70.341+/-0.021 χ^2/NDF : 221701.9/13

In: 74.606+/-0.033 χ^2/NDF : 81247.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.341+/-0.021 χ^2/NDF : 221701.9/13

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

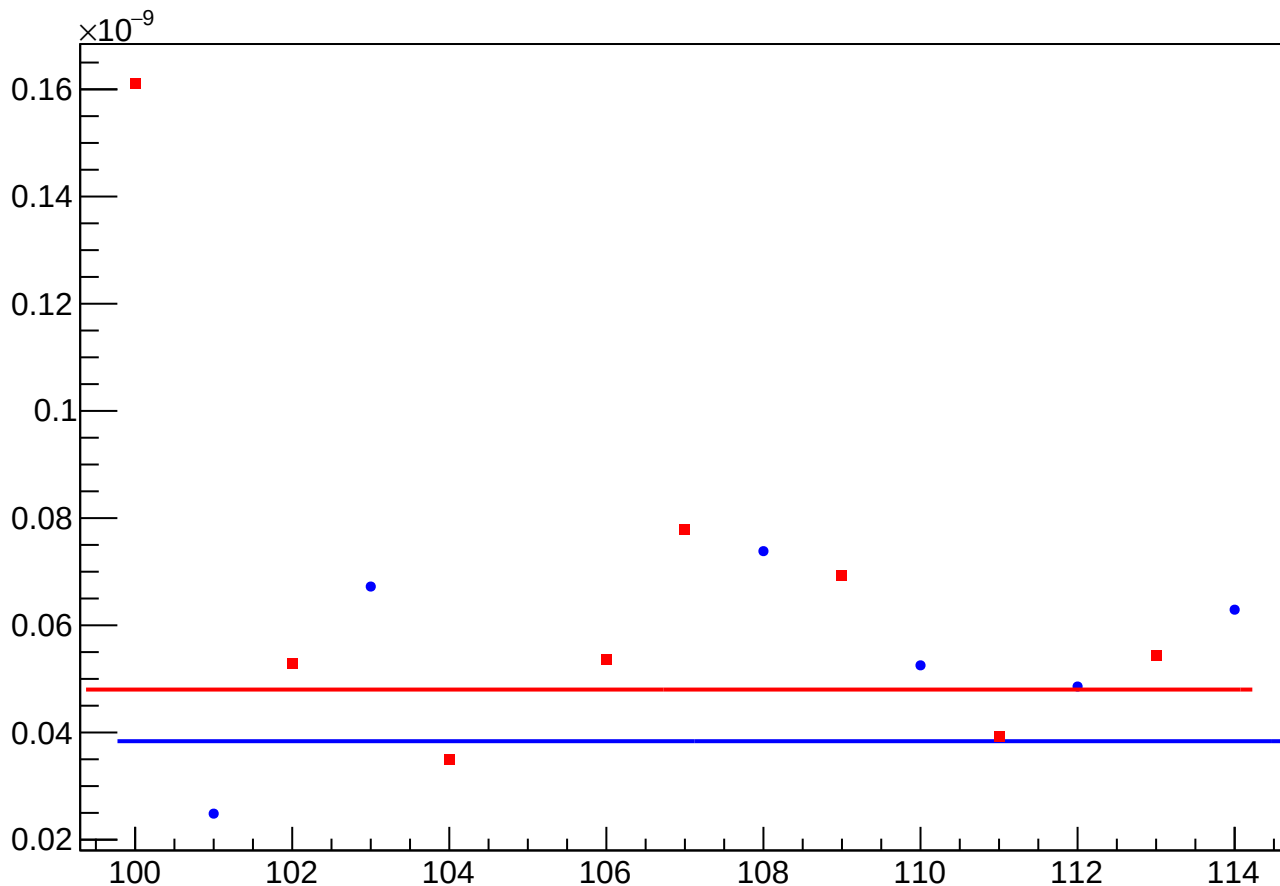
Right: 0.000+/-0.000 χ^2/NDF : 11.3/13

In: -0.000+/-0.000 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.3/13

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

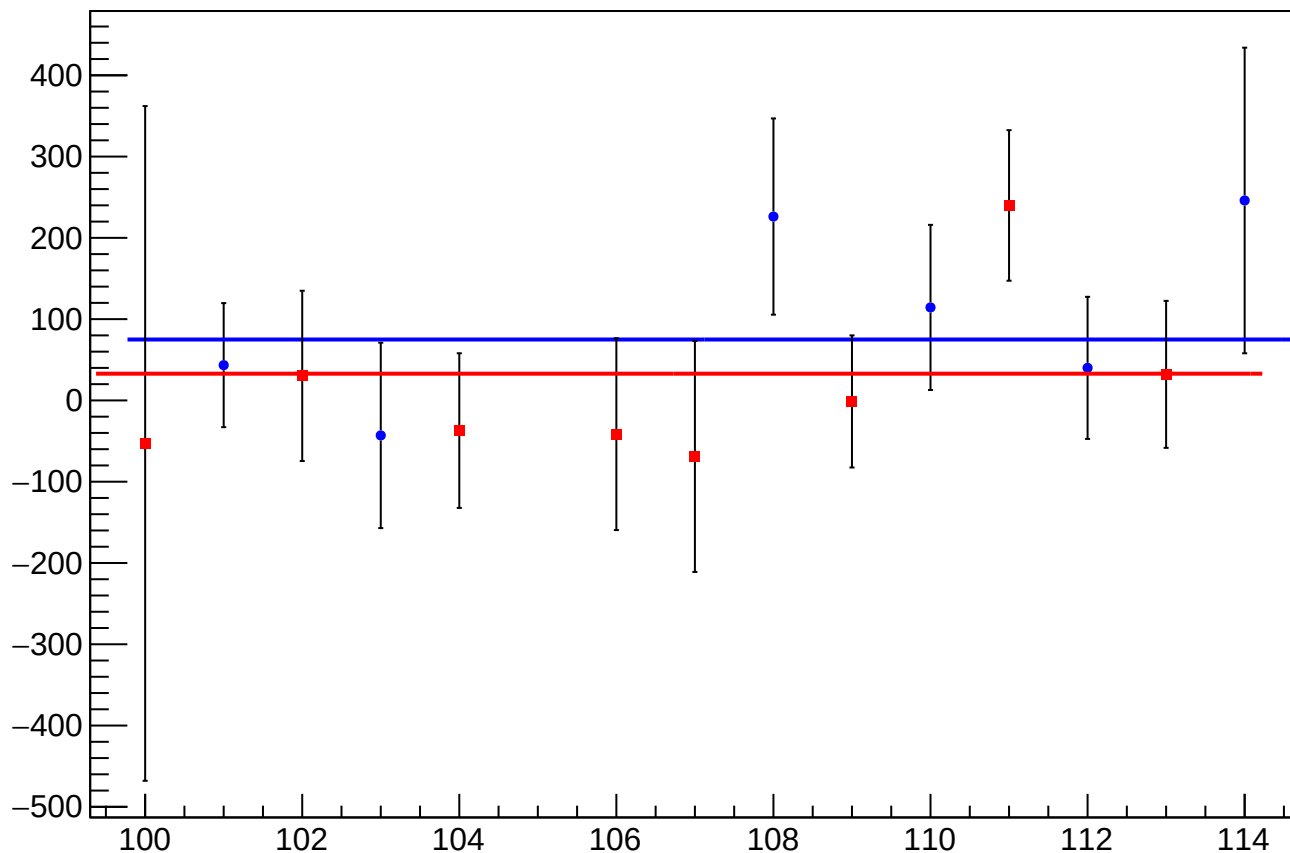
Right: 0.000+/-0.000 χ^2/NDF : 1000972.5/13

In: 0.000+/-0.000 χ^2/NDF : 587083.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1000972.5/13

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

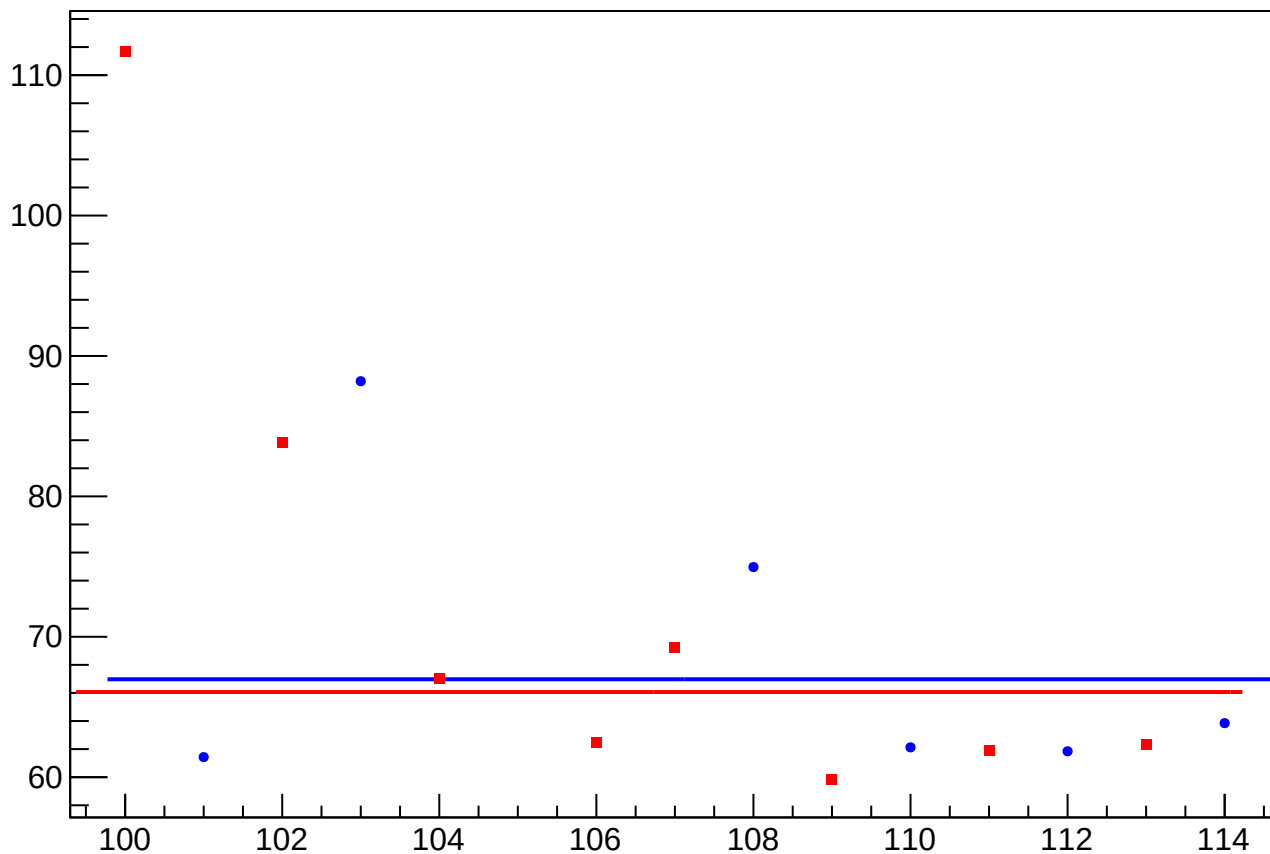
Right: 51.536+/-27.817 χ^2/NDF : 11.2/13

In: 74.931+/-41.767 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.536+/-27.817 χ^2/NDF : 11.2/13

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 66.974 $\pm$ 0.030 χ^2 /NDF: 100620.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.066 $\pm$ 0.026 χ^2 /NDF: 104119.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

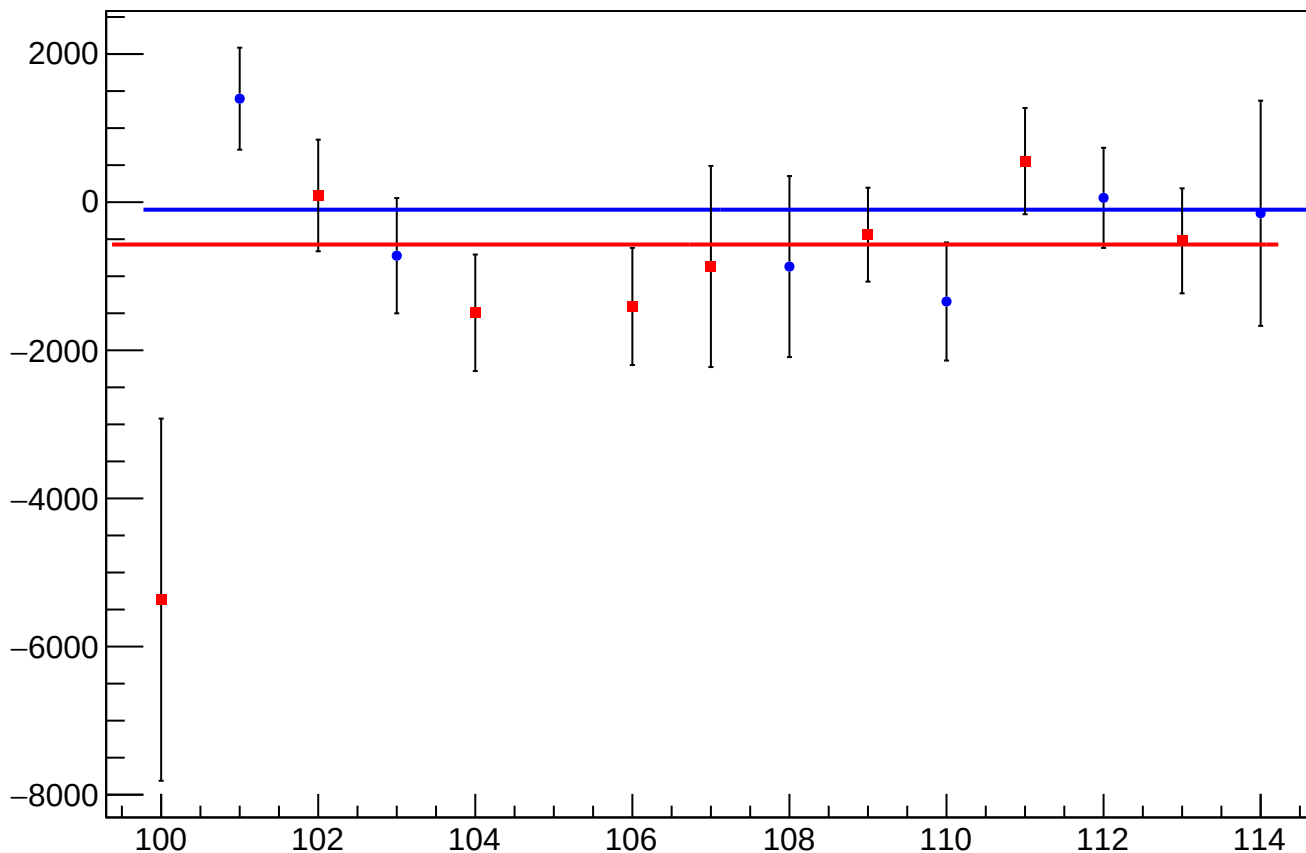
Right: 66.469 $\pm$ 0.020 χ^2 /NDF: 205266.5/13

In: 66.974 $\pm$ 0.030 χ^2 /NDF:100620.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.469 $\pm$ 0.020 χ^2 /NDF: 205266.5/13

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -101.251+/-340.475 χ^2/NDF : 8.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -571.637+/-287.404 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

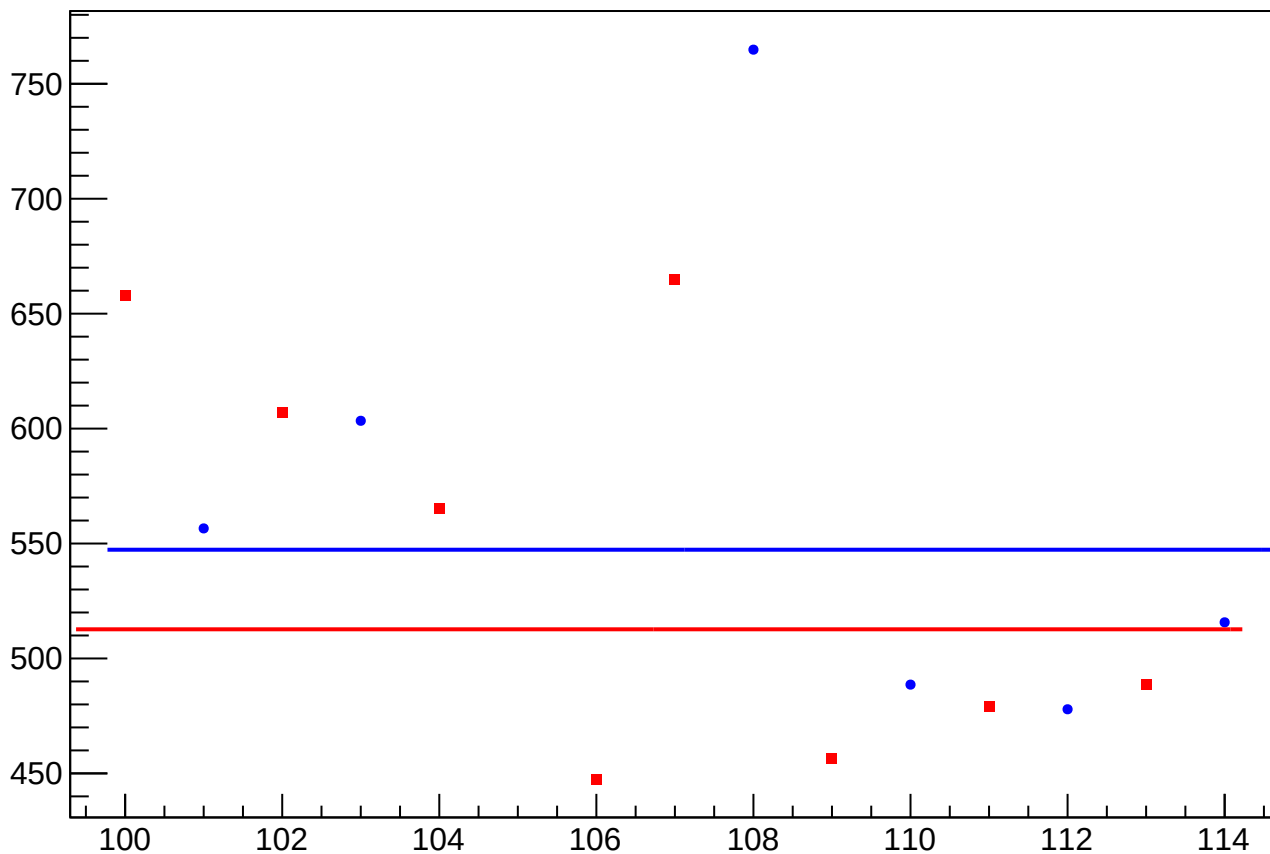
Right: -375.922+/-219.620 χ^2/NDF : 19.0/13

In: -101.251+/-340.475 χ^2/NDF : 8.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.922+/-219.620 χ^2/NDF : 19.0/13

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

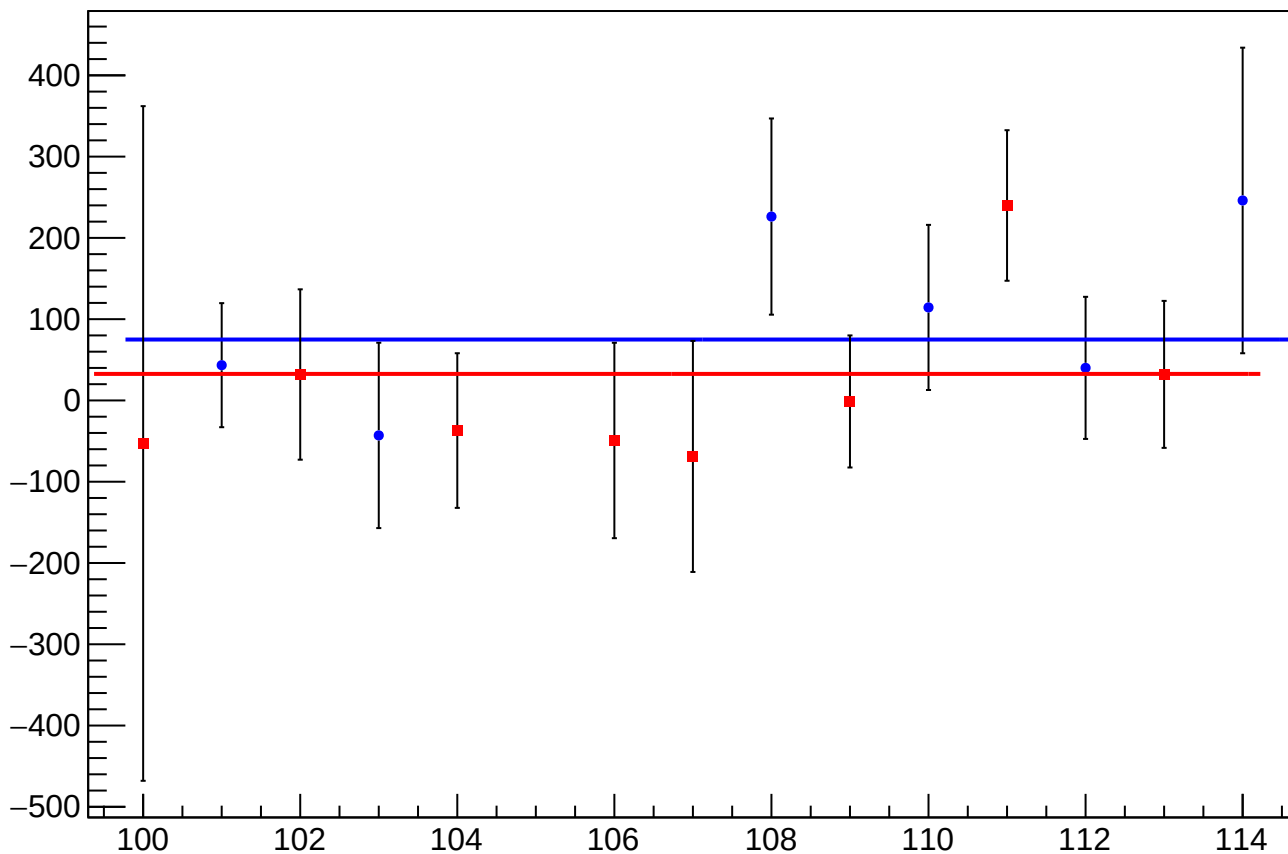
Right: 527.089+/-0.155 χ^2/NDF : 227640.9/13

In: 547.306+/-0.241 χ^2/NDF : 106940.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.089+/-0.155 χ^2/NDF : 227640.9/13

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

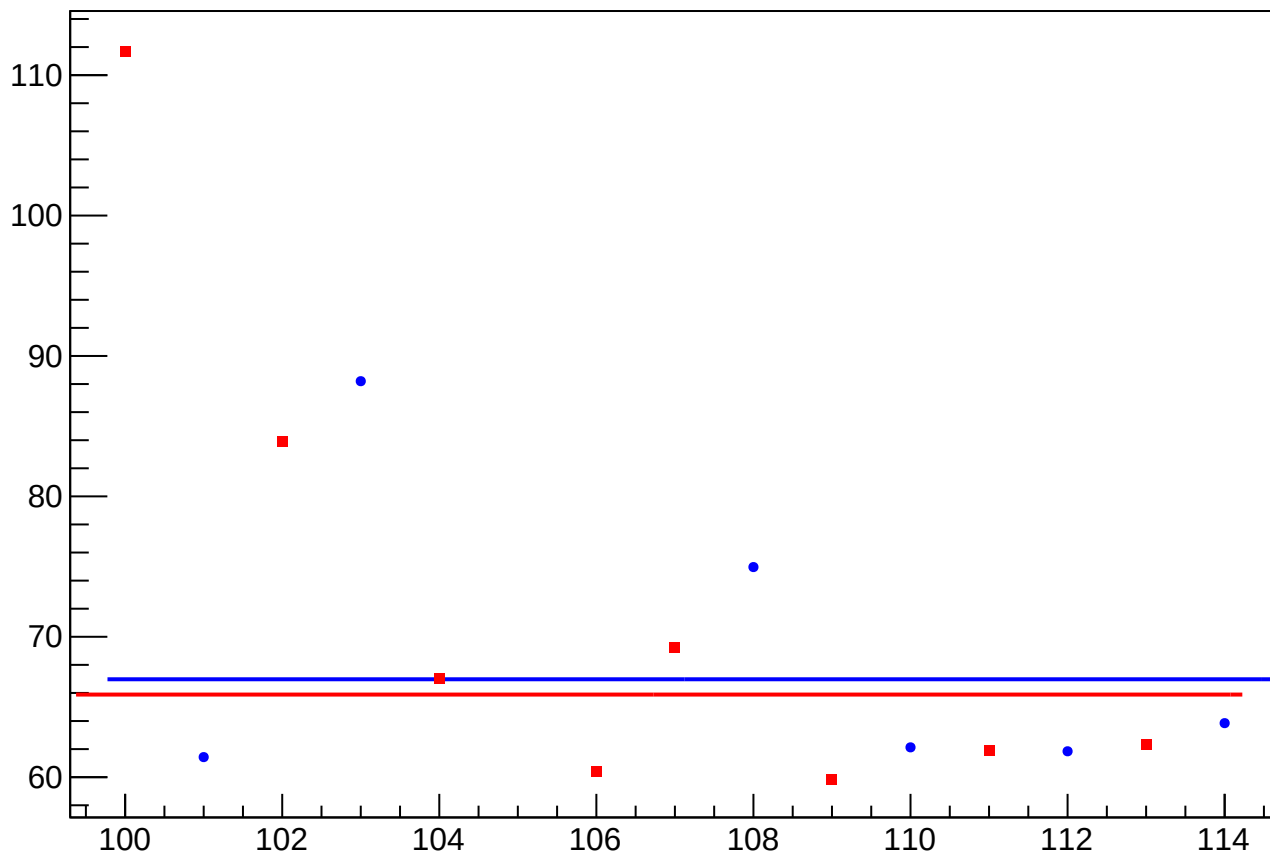
Right: 51.446 $\pm$ 27.846 χ^2 /NDF: 11.3/13

In: 74.948 $\pm$ 41.767 χ^2 /NDF:4.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.446 $\pm$ 27.846 χ^2 /NDF: 11.3/13

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 66.974+/-0.030 χ^2/NDF : 100623.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 65.884+/-0.026 χ^2/NDF : 106804.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

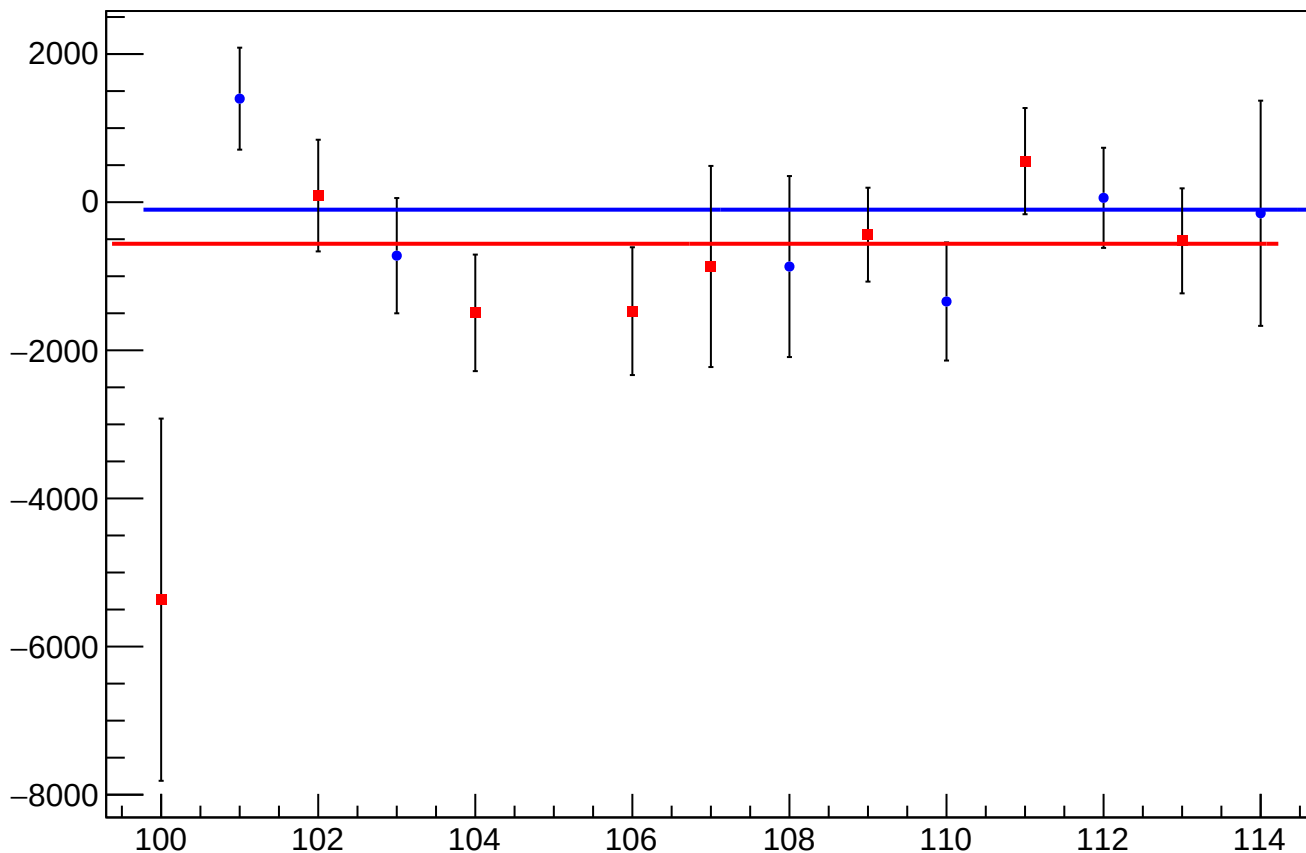
Right: 66.369+/-0.020 χ^2/NDF : 208183.6/13

In: 66.974+/-0.030 χ^2/NDF :100623.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 66.369+/-0.020 χ^2/NDF : 208183.6/13

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -101.180+/-340.480 χ^2 /NDF: 8.2/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -561.490+/-290.480 χ^2 /NDF: 9.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

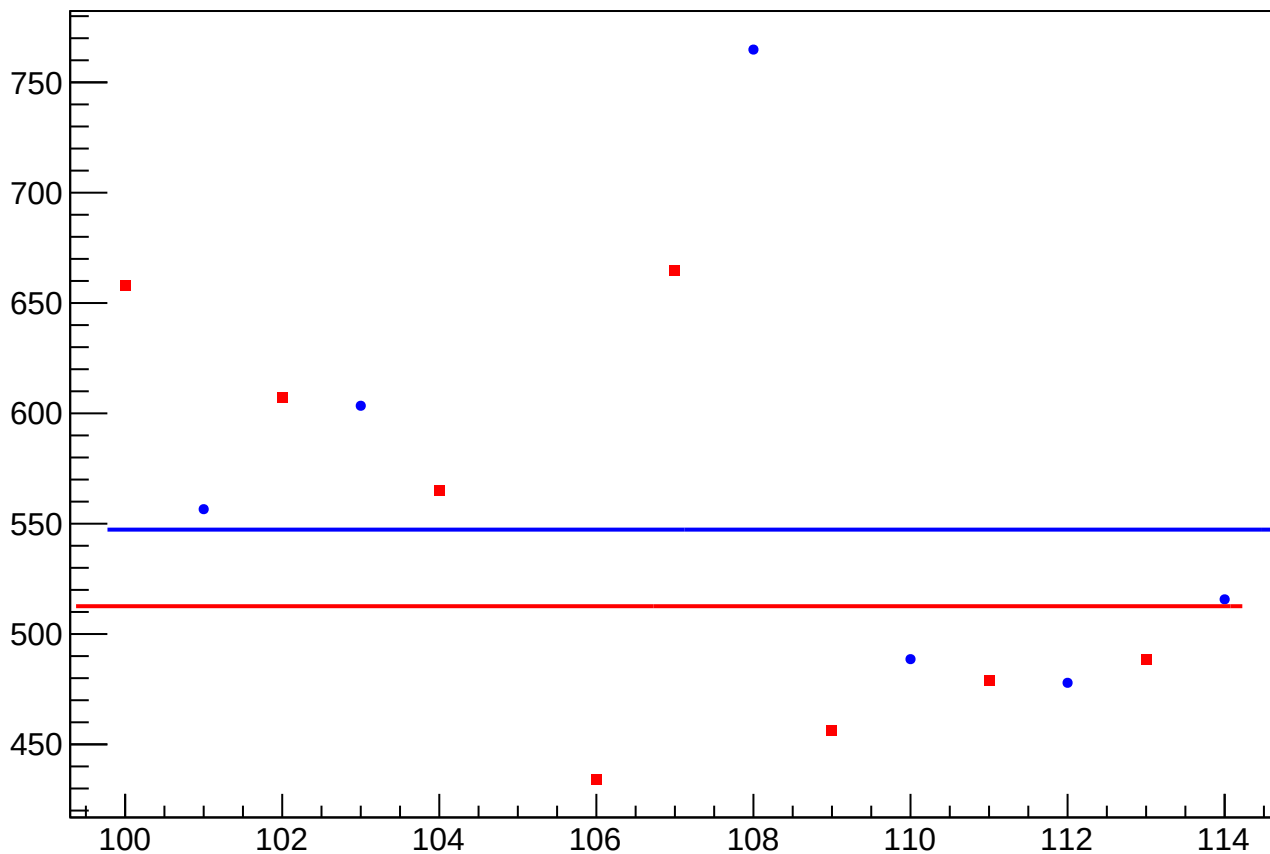
Right: -367.584+/-220.985 χ^2 /NDF: 18.9/13

In: -101.180+/-340.480 χ^2 /NDF:8.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -367.584+/-220.985 χ^2 /NDF: 18.9/13

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 547.313+/-0.241 χ^2/NDF : 106956.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 512.610+/-0.205 χ^2/NDF : 111734.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

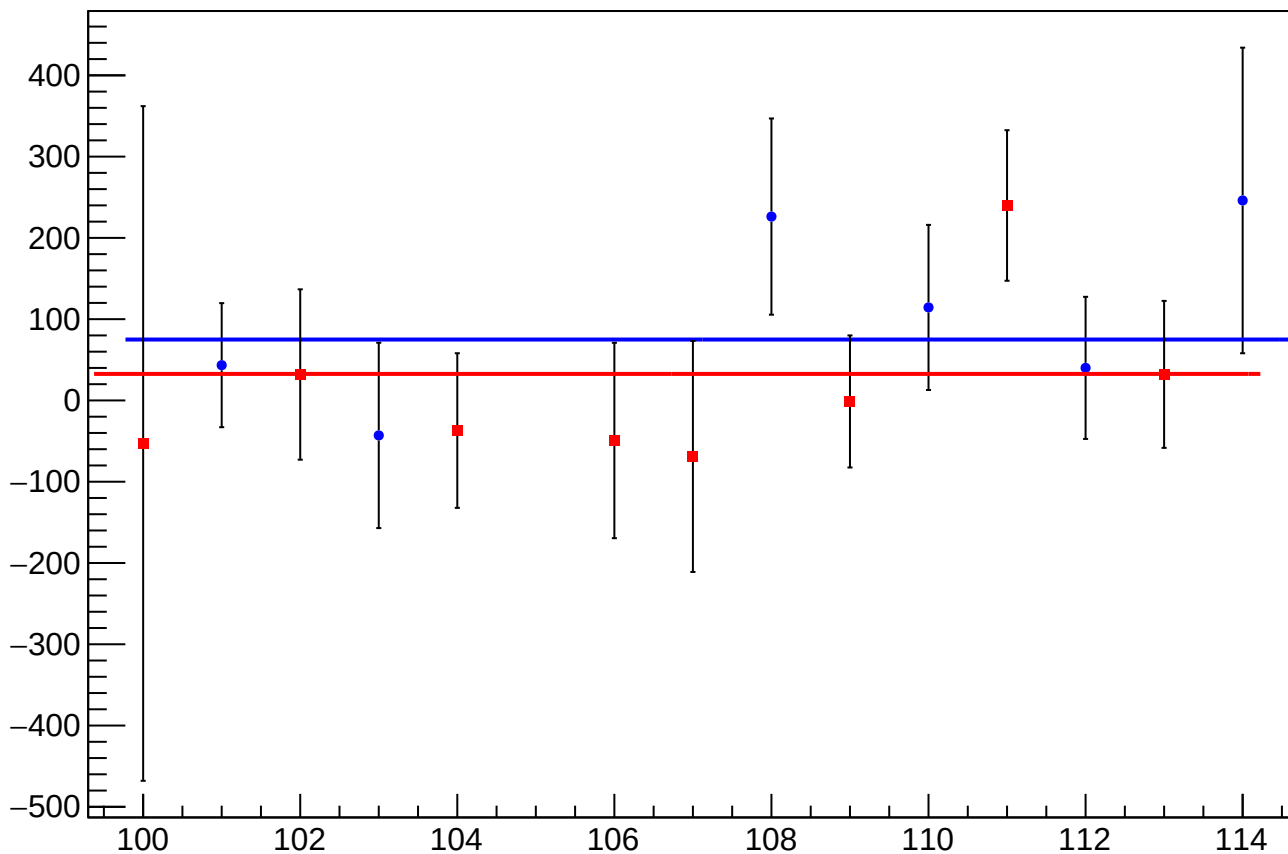
Right: 527.229+/-0.156 χ^2/NDF : 230715.8/13

In: 547.313+/-0.241 χ^2/NDF :106956.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 527.229+/-0.156 χ^2/NDF : 230715.8/13

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

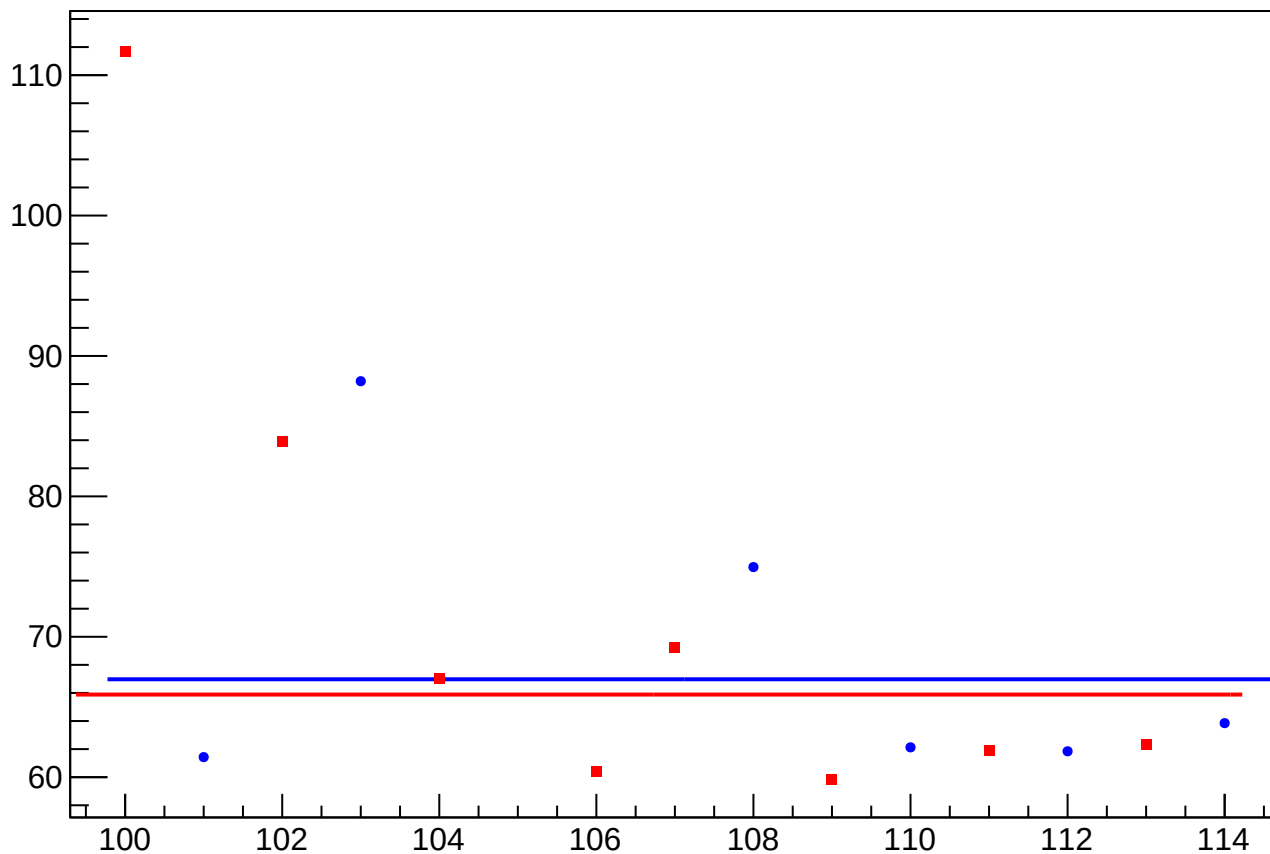
Right: 51.446 $\pm$ 27.846 χ^2 /NDF: 11.3/13

In: 74.948 $\pm$ 41.767 χ^2 /NDF:4.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.446 $\pm$ 27.846 χ^2 /NDF: 11.3/13

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 66.974+/-0.030 χ^2/NDF : 100623.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.884+/-0.026 χ^2/NDF : 106804.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

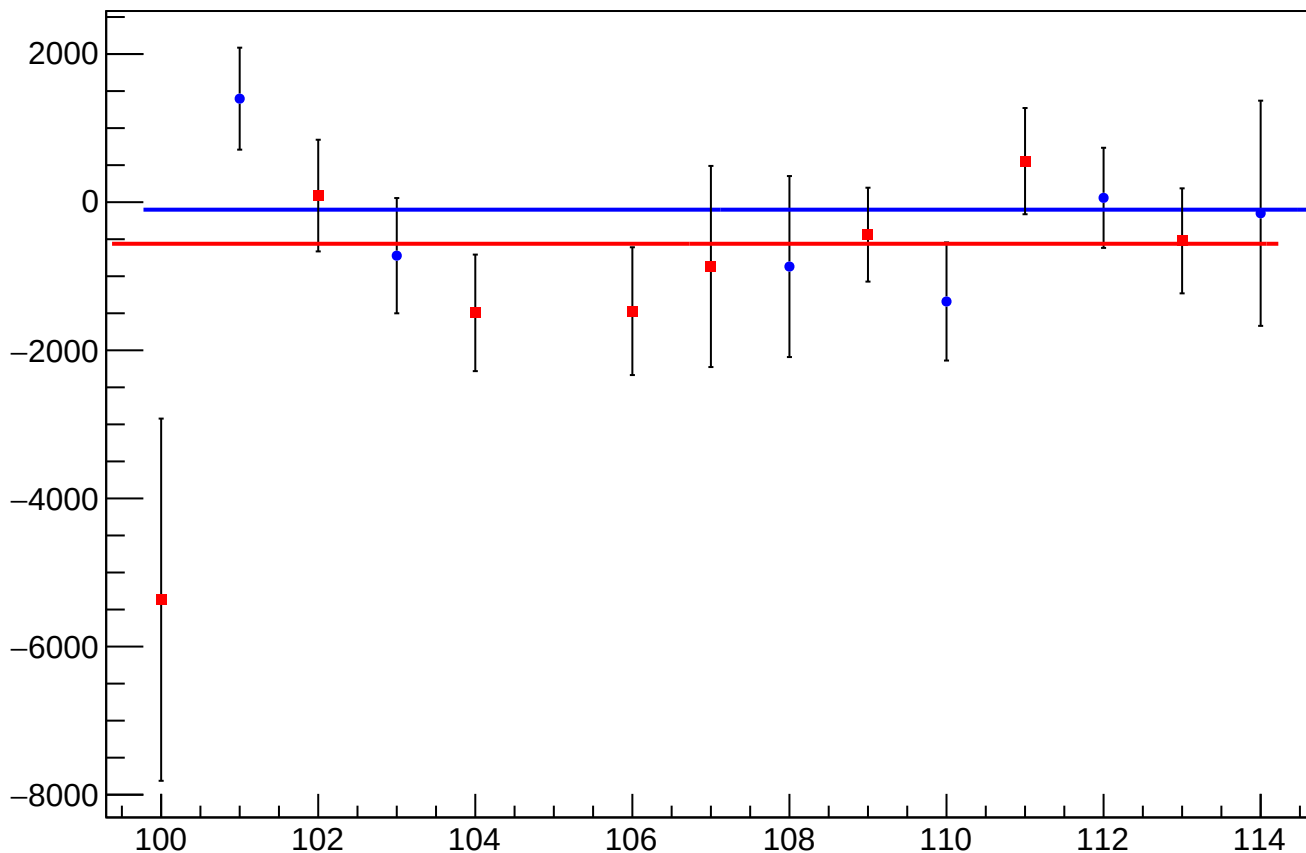
Right: 66.369+/-0.020 χ^2/NDF : 208183.6/13

In: 66.974+/-0.030 χ^2/NDF : 100623.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.369+/-0.020 χ^2/NDF : 208183.6/13

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -101.180+/-340.480 χ^2/NDF : 8.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.490+/-290.480 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

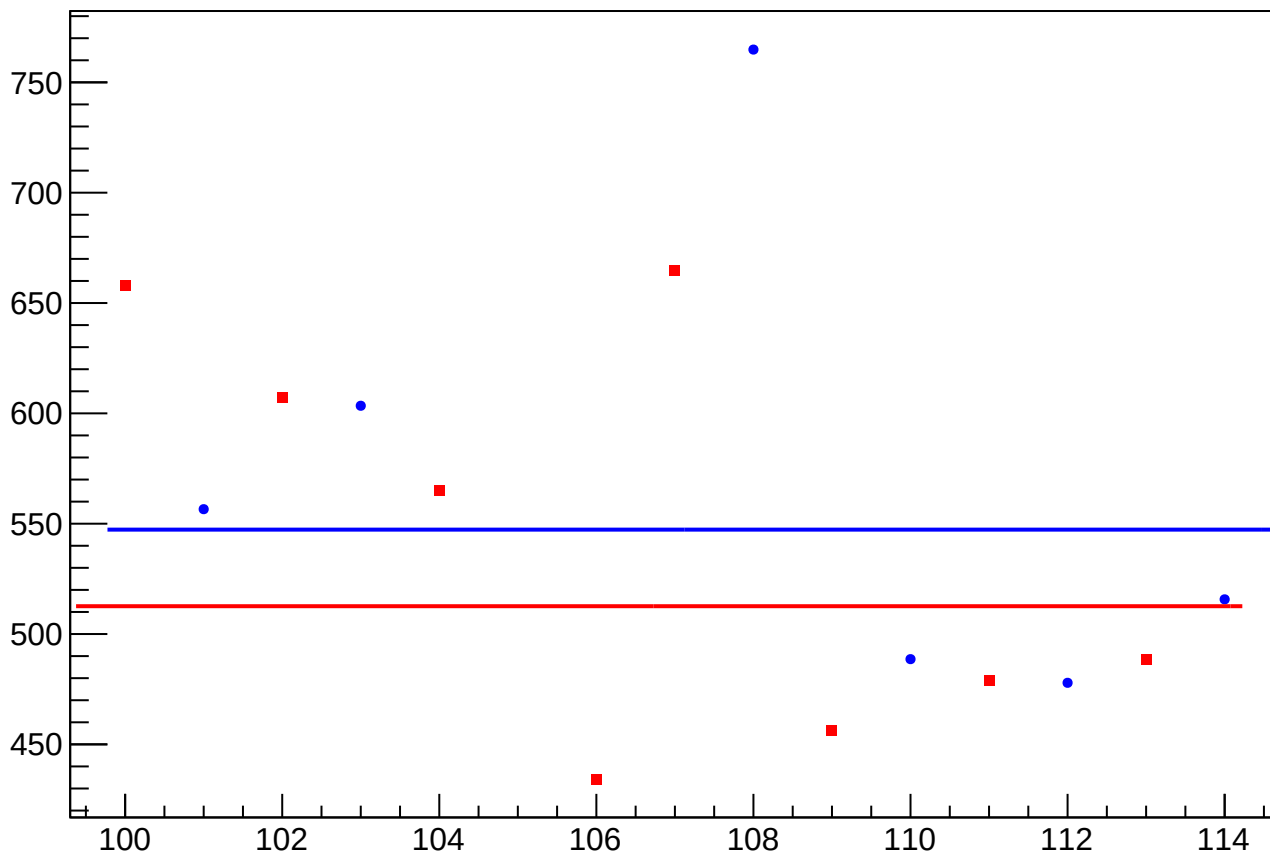
Right: -367.584+/-220.985 χ^2/NDF : 18.9/13

In: -101.180+/-340.480 χ^2/NDF : 8.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.584+/-220.985 χ^2/NDF : 18.9/13

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 547.313+/-0.241 χ^2/NDF : 106956.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 512.610+/-0.205 χ^2/NDF : 111734.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

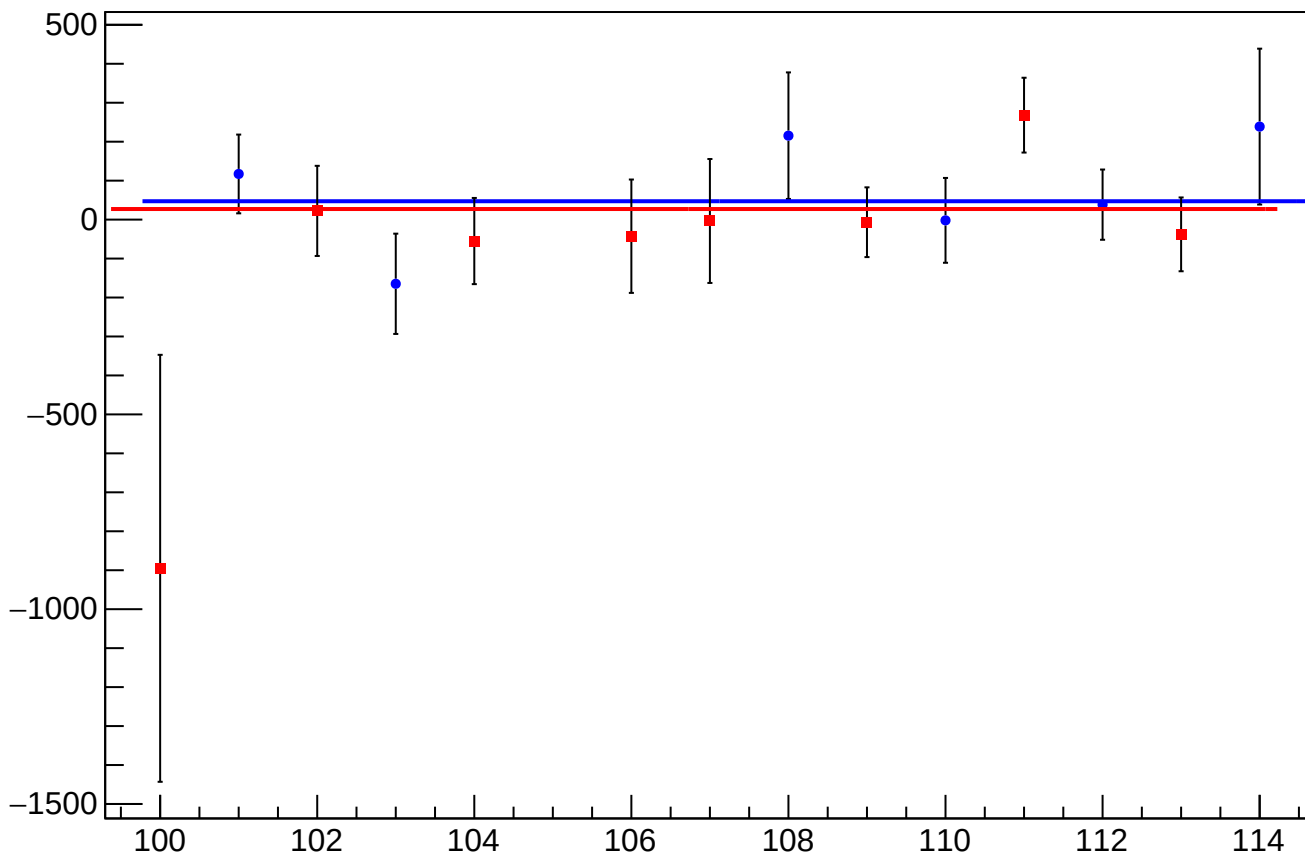
Right: 527.229+/-0.156 χ^2/NDF : 230715.8/13

In: 547.313+/-0.241 χ^2/NDF :106956.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 527.229+/-0.156 χ^2/NDF : 230715.8/13

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

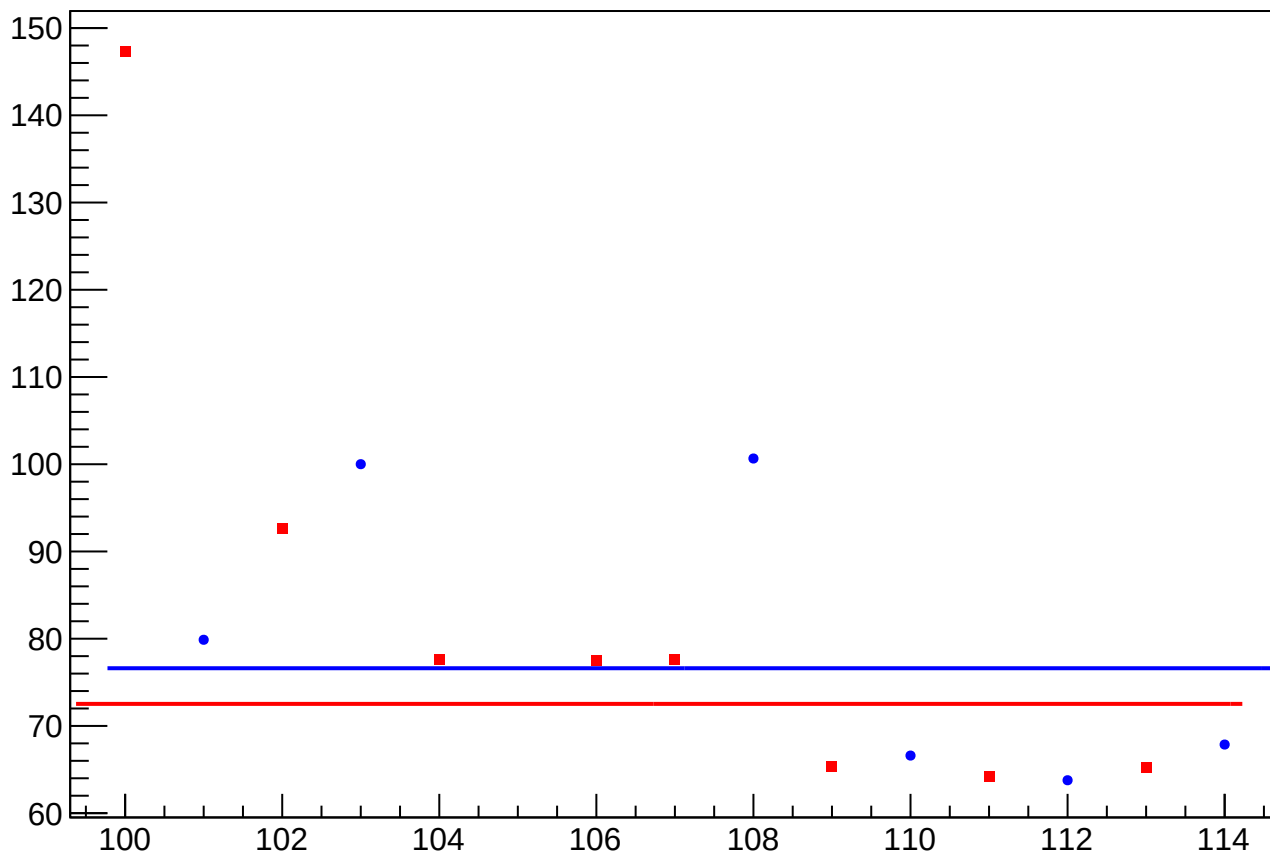
Right: 35.570+/-31.314 χ^2/NDF : 16.1/13

In: 47.161+/-48.307 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.570+/-31.314 χ^2/NDF : 16.1/13

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

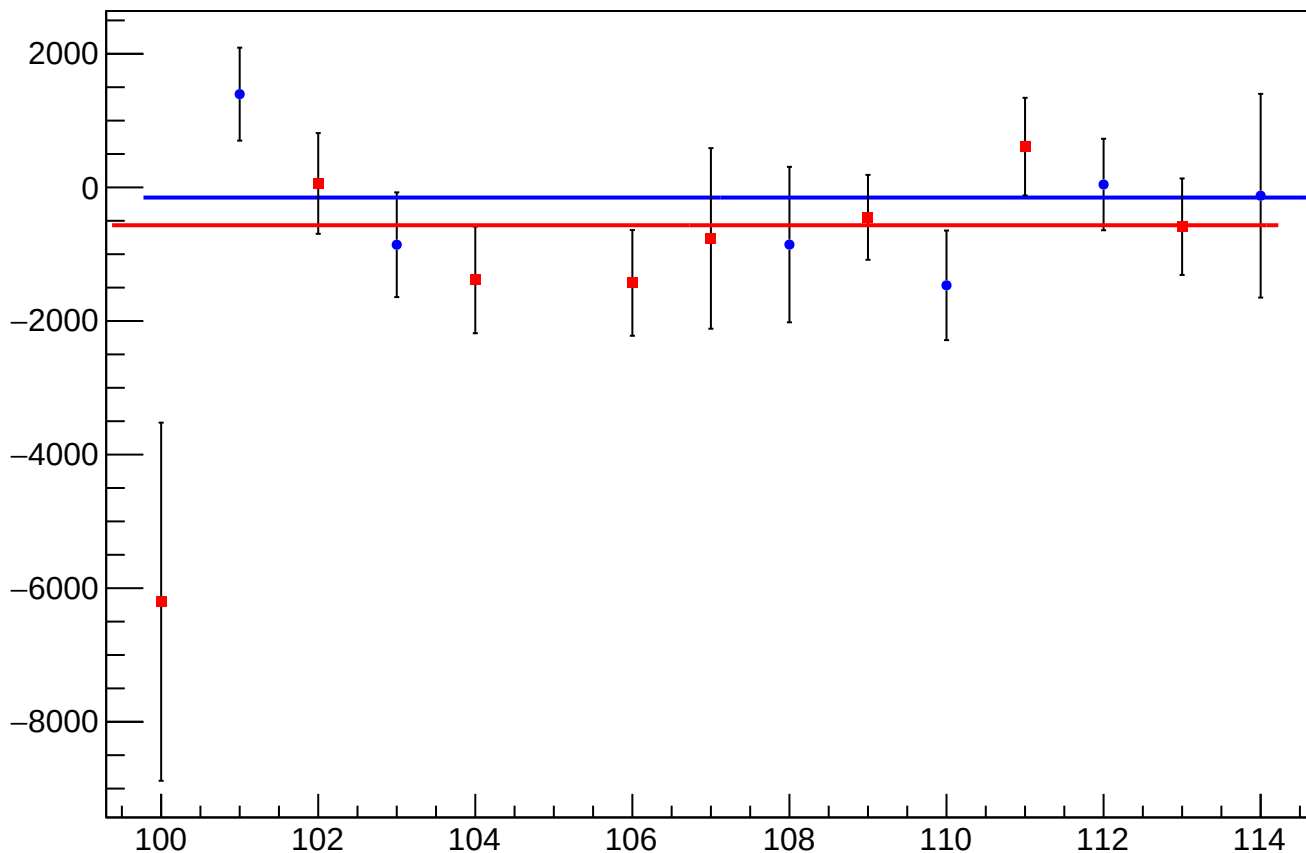
Right: 74.245 $\pm$ 0.022 χ^2 /NDF: 327816.6/13

In: 76.614 $\pm$ 0.034 χ^2 /NDF:173286.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.245 $\pm$ 0.022 χ^2 /NDF: 327816.6/13

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -151.807+/-343.386 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -566.284+/-290.180 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

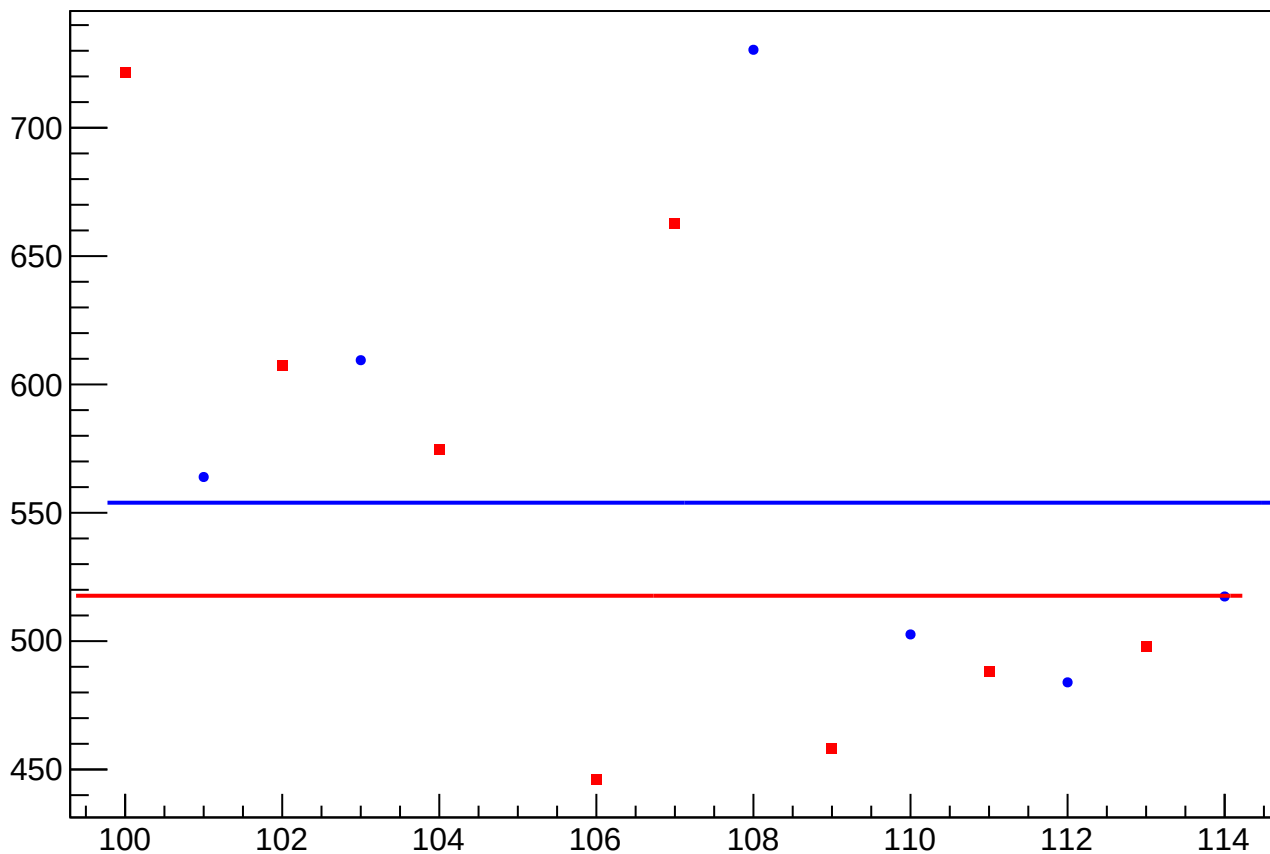
Right: -393.609+/-221.639 χ^2/NDF : 19.6/13

In: -151.807+/-343.386 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.609+/-221.639 χ^2/NDF : 19.6/13

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

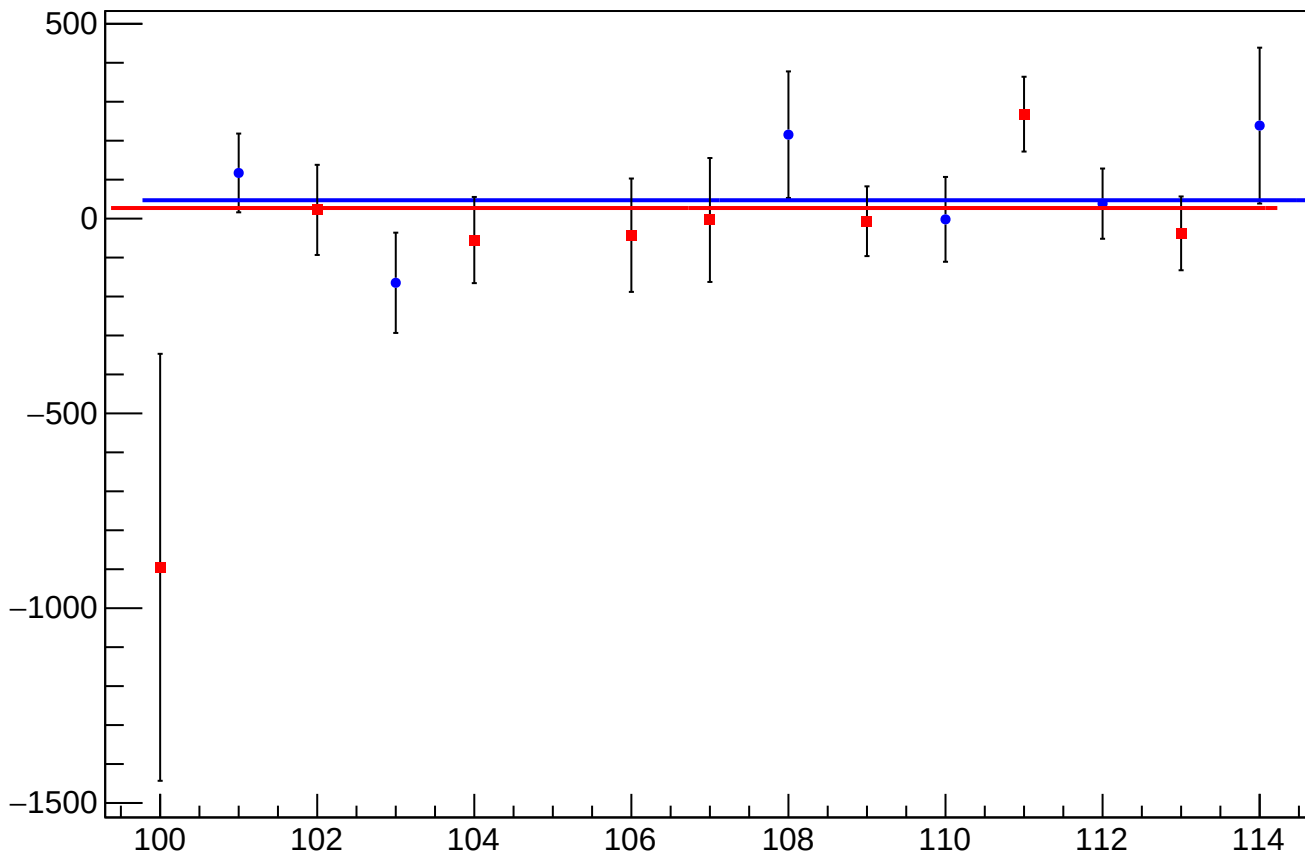
Right: 532.784 $\pm$ 0.157 χ^2 /NDF: 211174.9/13

In: 553.932 $\pm$ 0.243 χ^2 /NDF:86316.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 532.784 $\pm$ 0.157 χ^2 /NDF: 211174.9/13

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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: 27.169+/-41.125 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

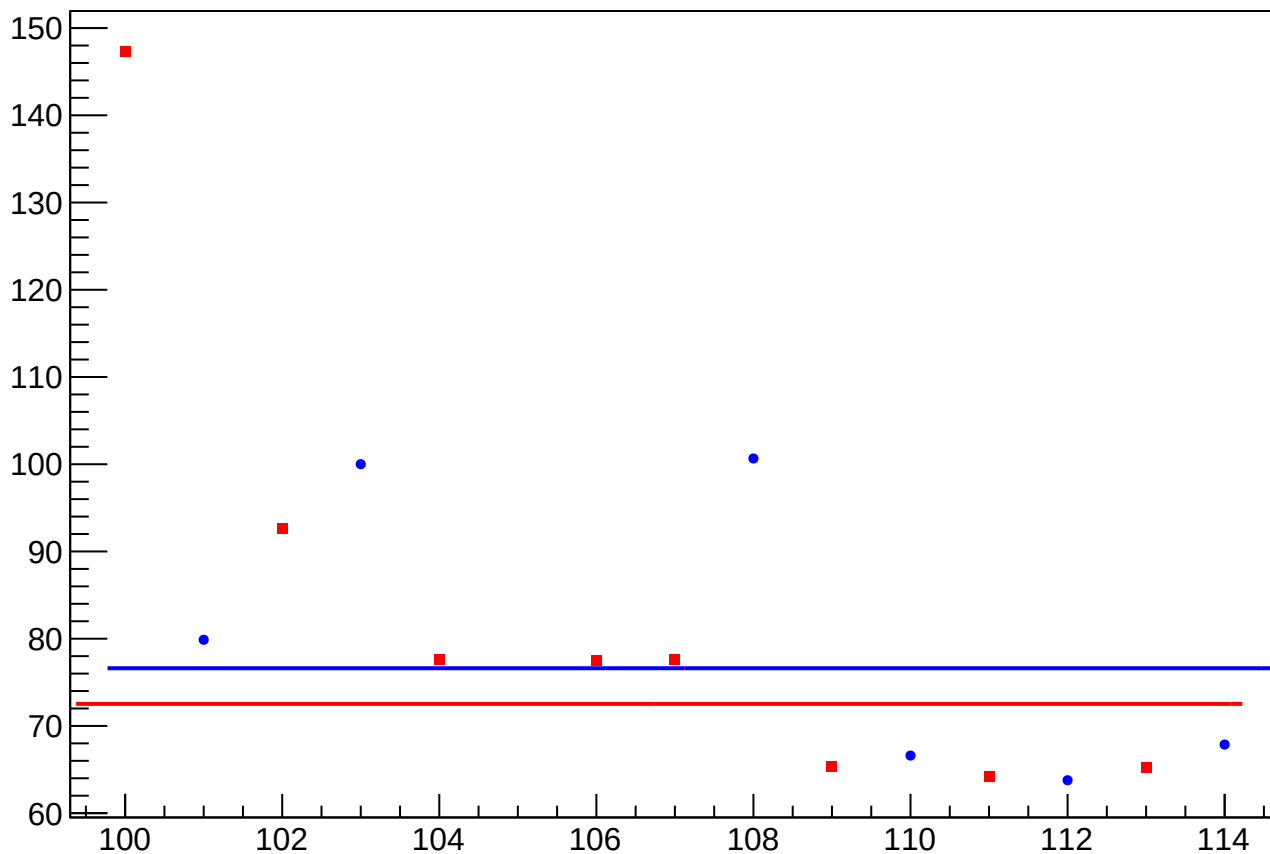
Right: 35.570+/-31.314 χ^2/NDF : 16.1/13

In: 47.161+/-48.307 χ^2/NDF : 5.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.570+/-31.314 χ^2/NDF : 16.1/13

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

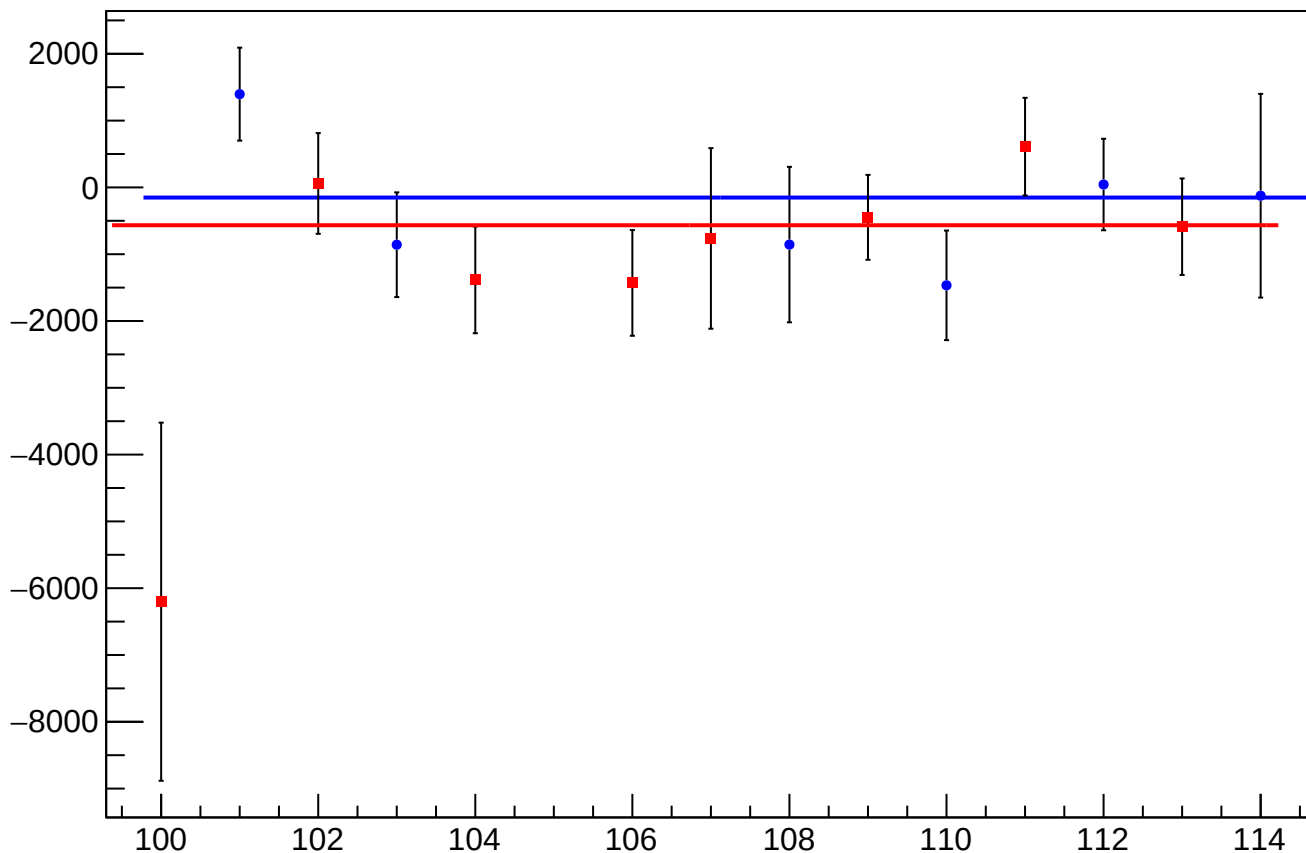
Right: 74.245 $\pm$ 0.022 χ^2 /NDF: 327821.5/13

In: 76.614 $\pm$ 0.034 χ^2 /NDF: 173289.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.245 $\pm$ 0.022 χ^2 /NDF: 327821.5/13

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -151.807+/-343.385 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -566.283+/-290.179 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

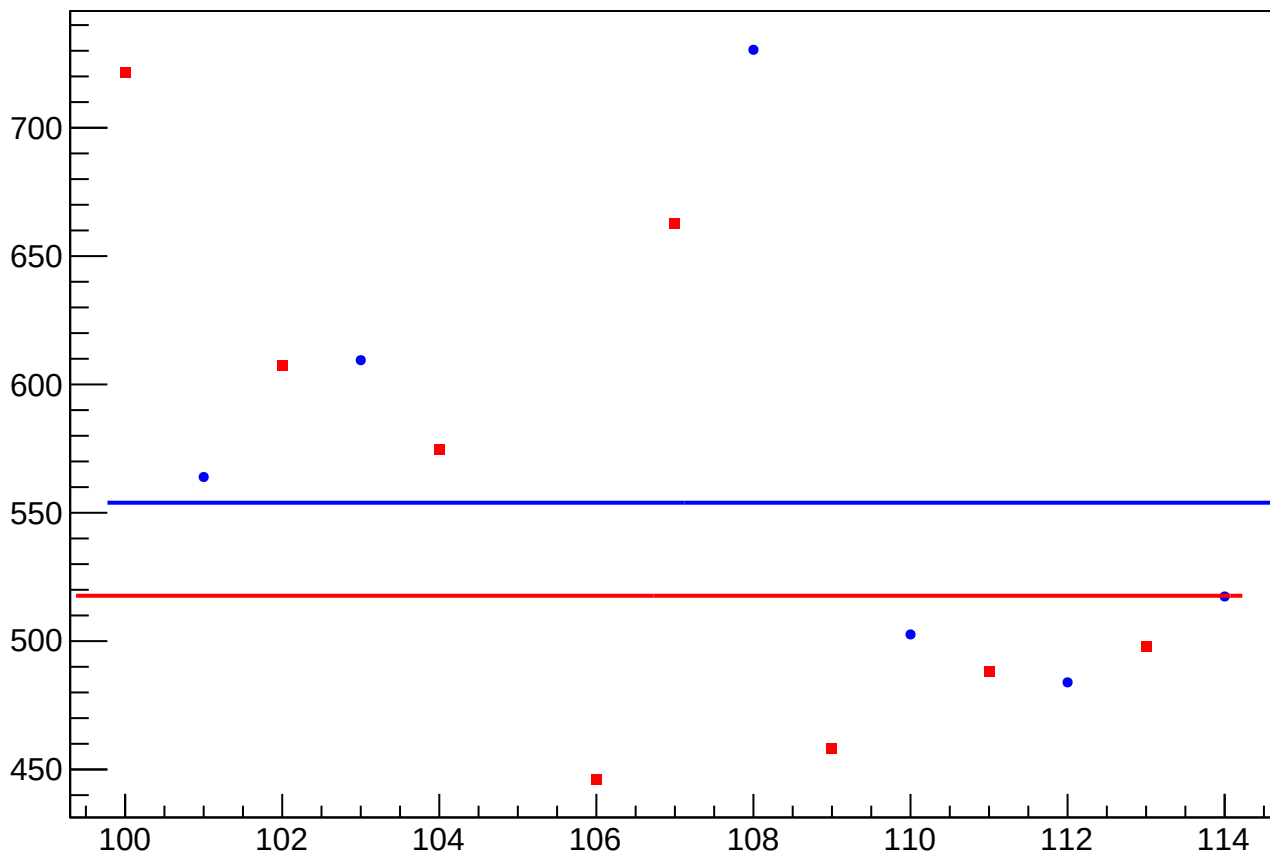
Right: -393.608+/-221.639 χ^2/NDF : 19.6/13

In: -151.807+/-343.385 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.608+/-221.639 χ^2/NDF : 19.6/13

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

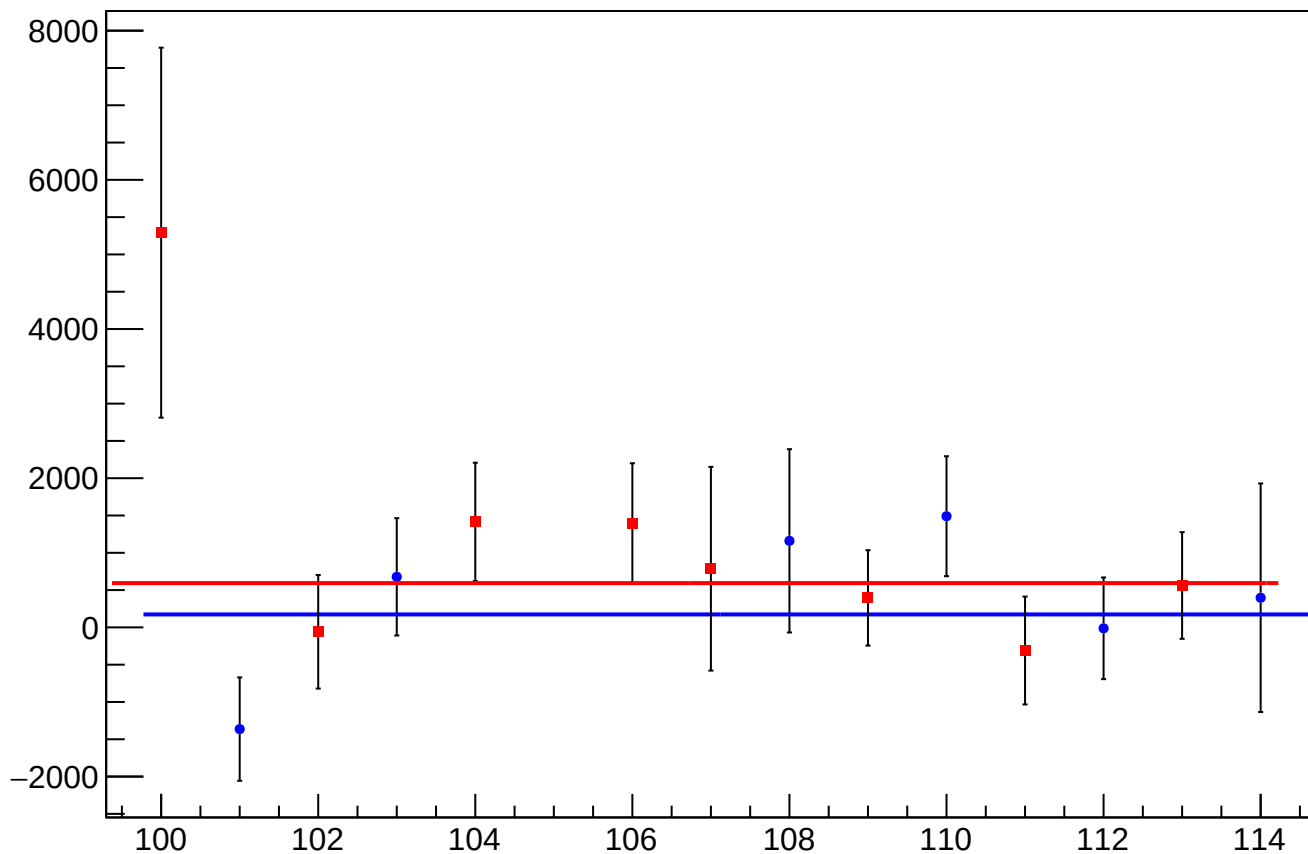
Right: 532.784 $\pm$ 0.157 χ^2 /NDF: 211176.2/13

In: 553.931 $\pm$ 0.243 χ^2 /NDF:86317.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 532.784 $\pm$ 0.157 χ^2 /NDF: 211176.2/13

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

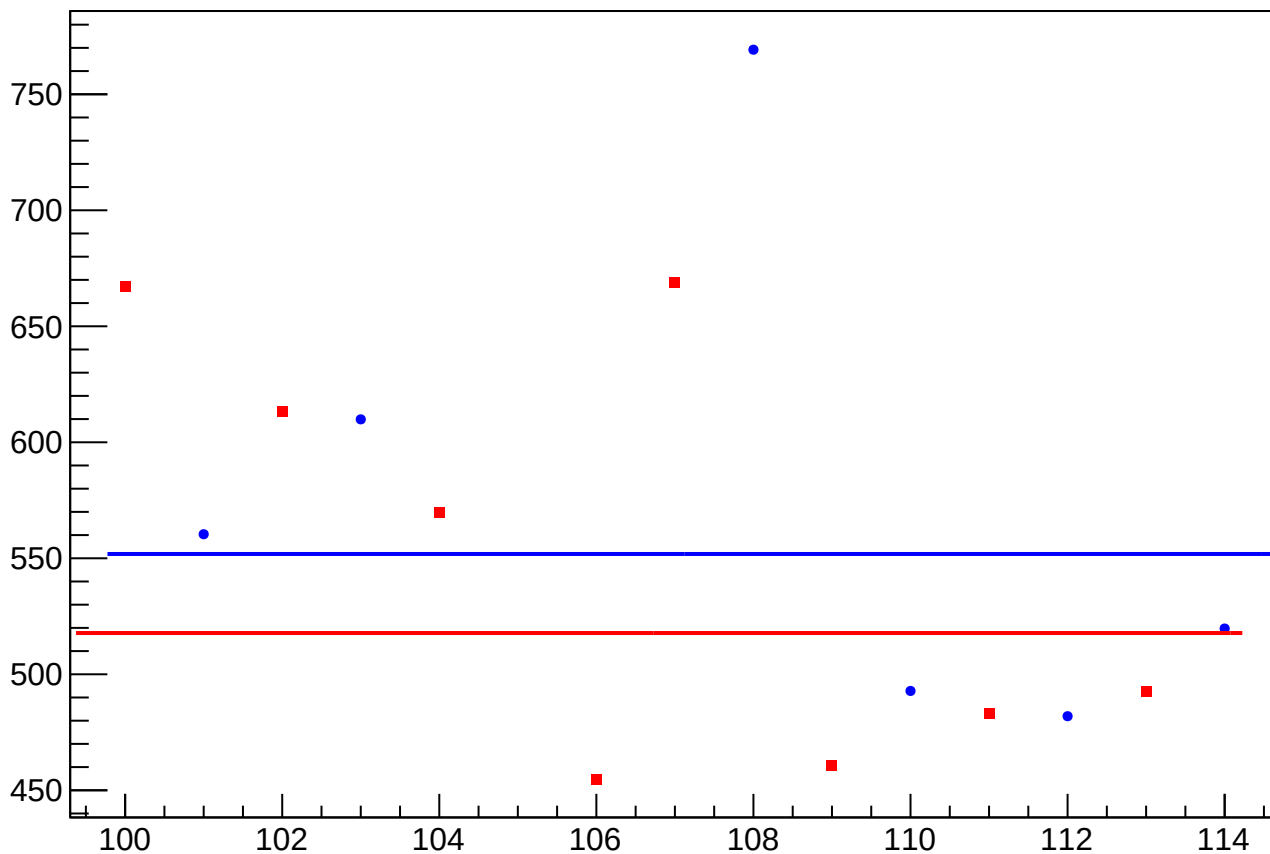
Right: 418.580+/-221.645 χ^2/NDF : 17.7/13

In: 173.637+/-343.276 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.580+/-221.645 χ^2/NDF : 17.7/13

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 551.856+/-0.243 χ^2/NDF : 106477.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.788+/-0.205 χ^2/NDF : 107000.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

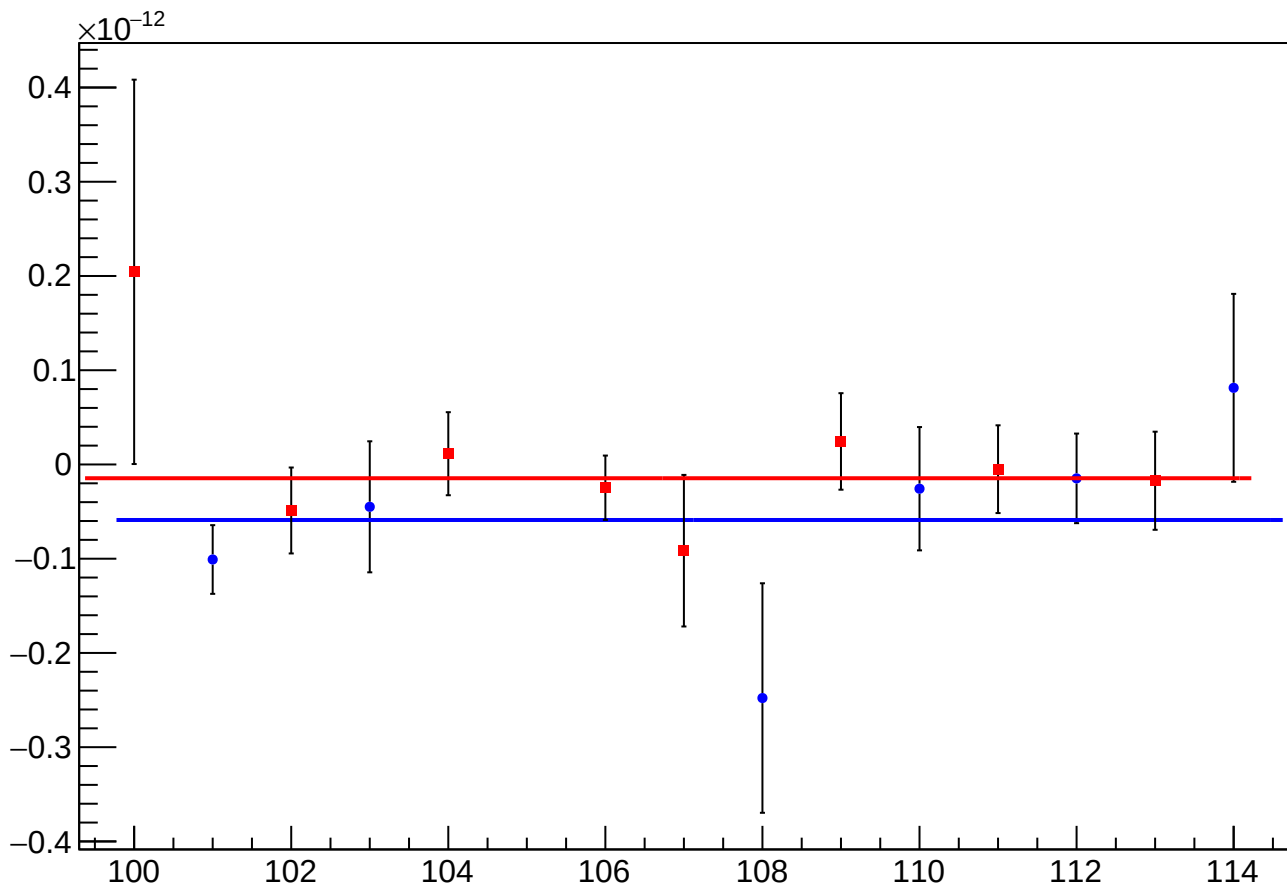
Right: 531.991+/-0.157 χ^2/NDF : 224964.2/13

In: 551.856+/-0.243 χ^2/NDF : 106477.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.991+/-0.157 χ^2/NDF : 224964.2/13

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

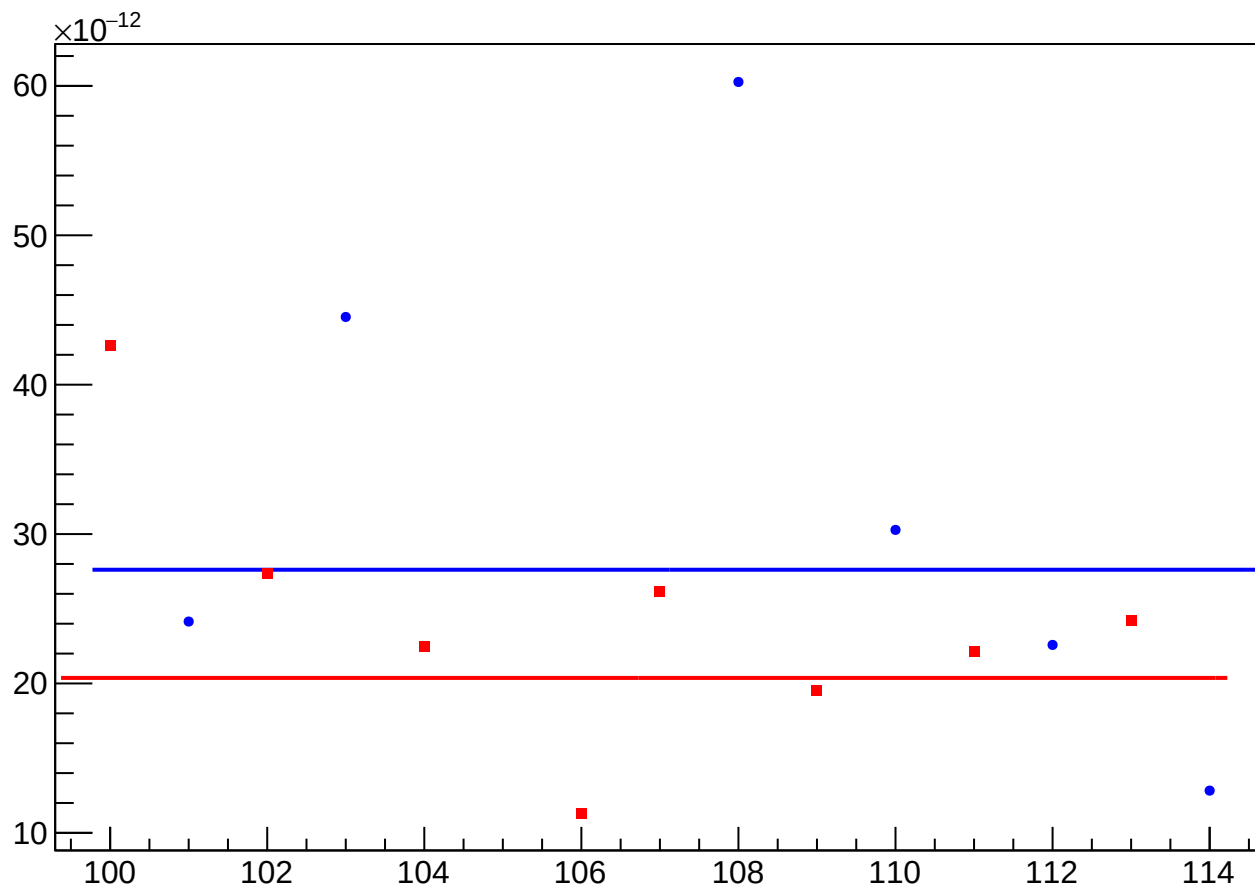
Right: -0.000+/-0.000 χ^2/NDF : 12.8/13

In: -0.000+/-0.000 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.8/13

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

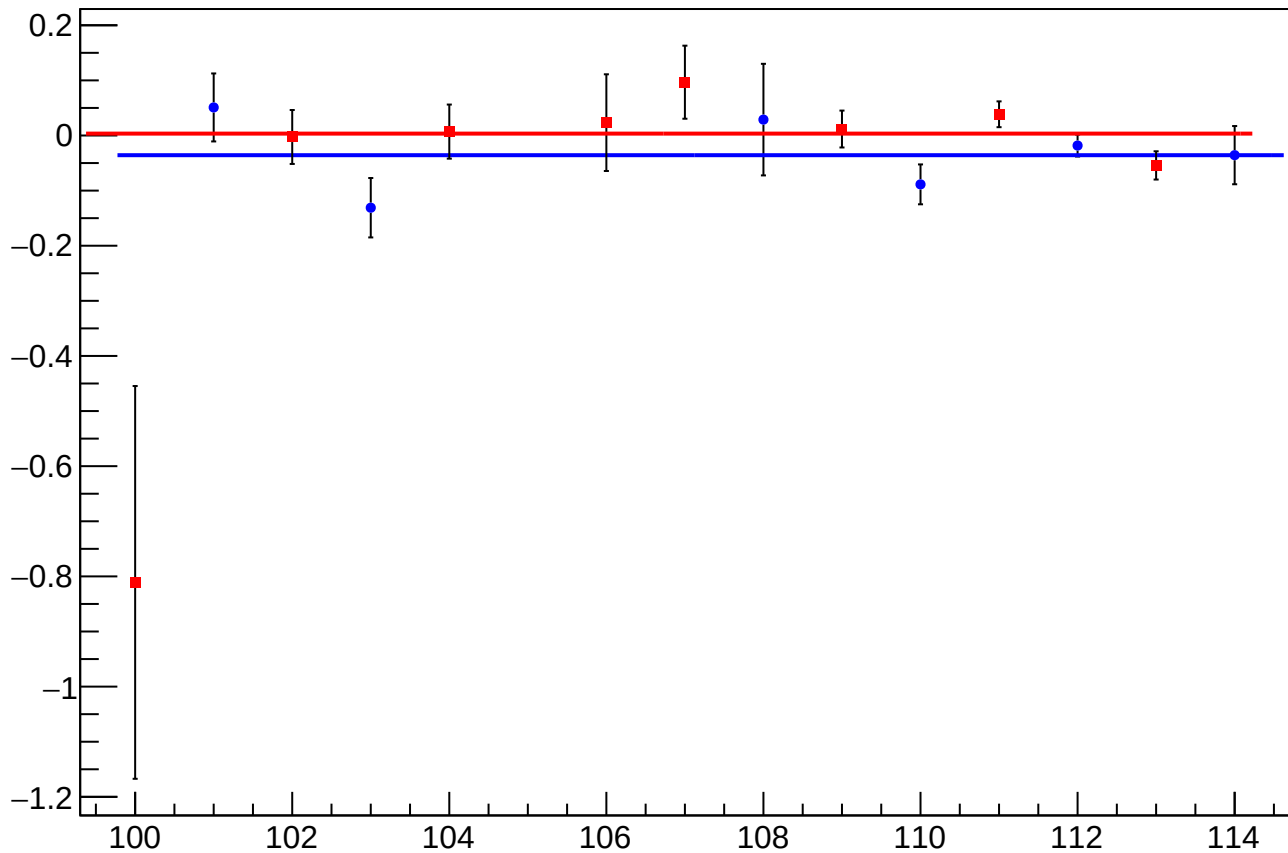
Right: 0.000+/-0.000 χ^2/NDF : 712961.3/13

In: 0.000+/-0.000 χ^2/NDF : 350081.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 712961.3/13

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

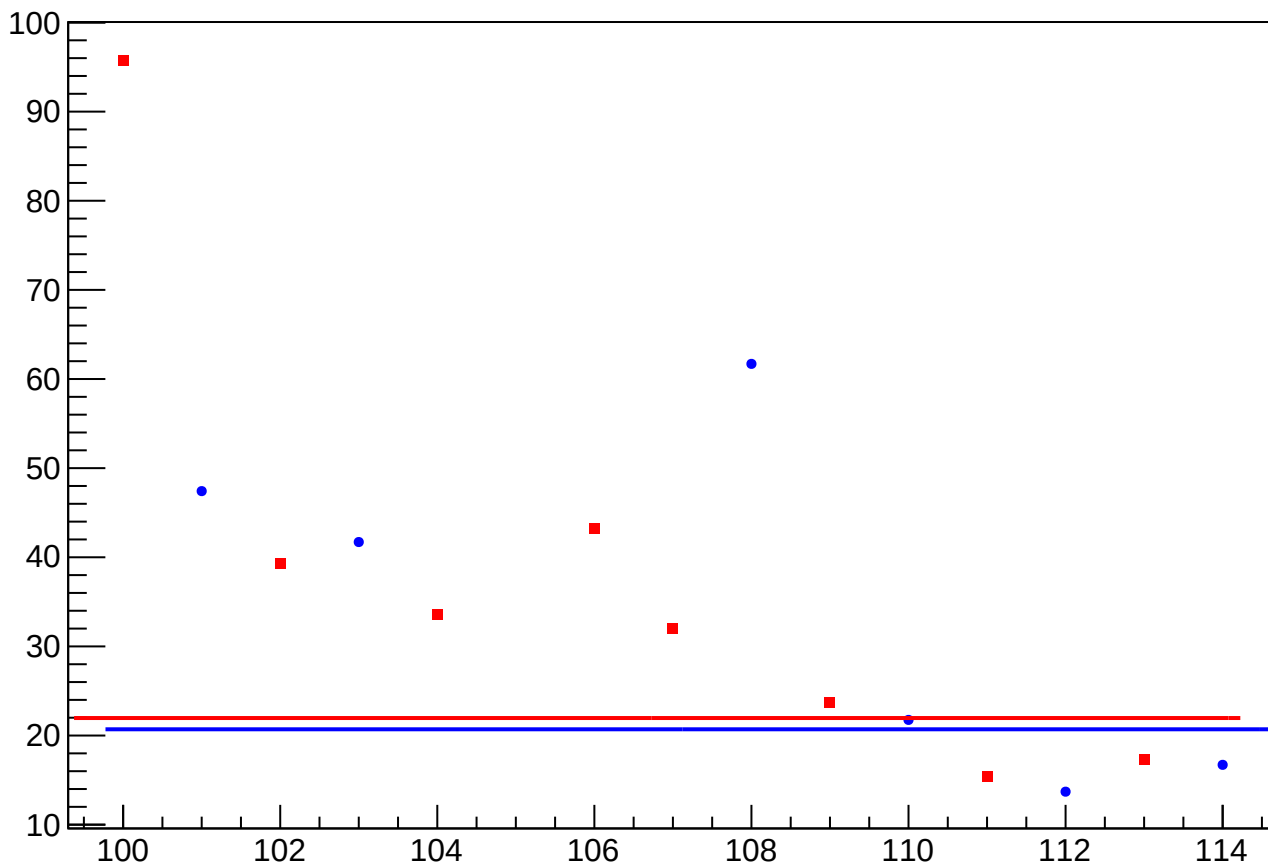
Right: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

In: -0.036 $\pm$ 0.015 χ^2 /NDF:8.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.701+/-0.011 χ^2/NDF : 1267063.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.964+/-0.010 χ^2/NDF : 841394.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

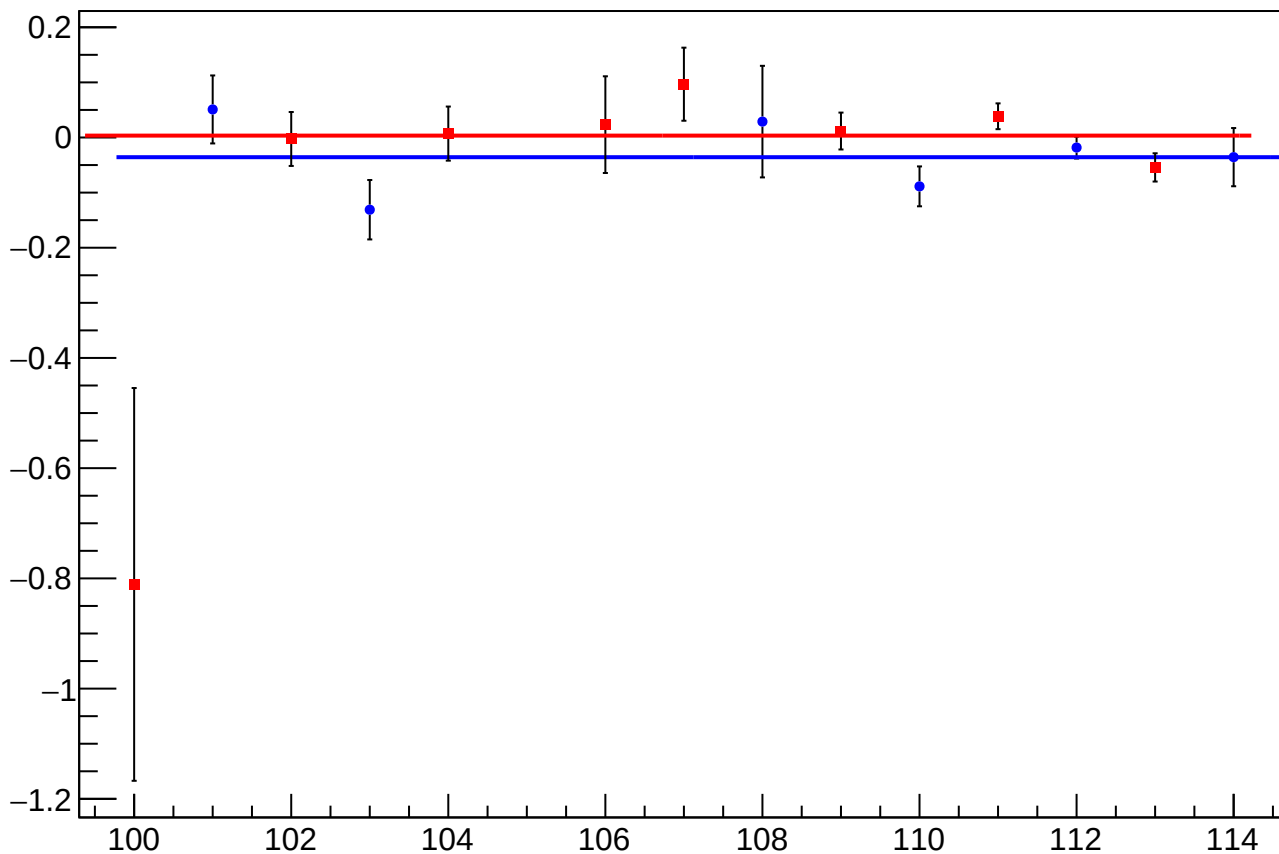
Right: 21.403+/-0.007 χ^2/NDF : 2116169.4/13

In: 20.701+/-0.011 χ^2/NDF : 1267063.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.403+/-0.007 χ^2/NDF : 2116169.4/13

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

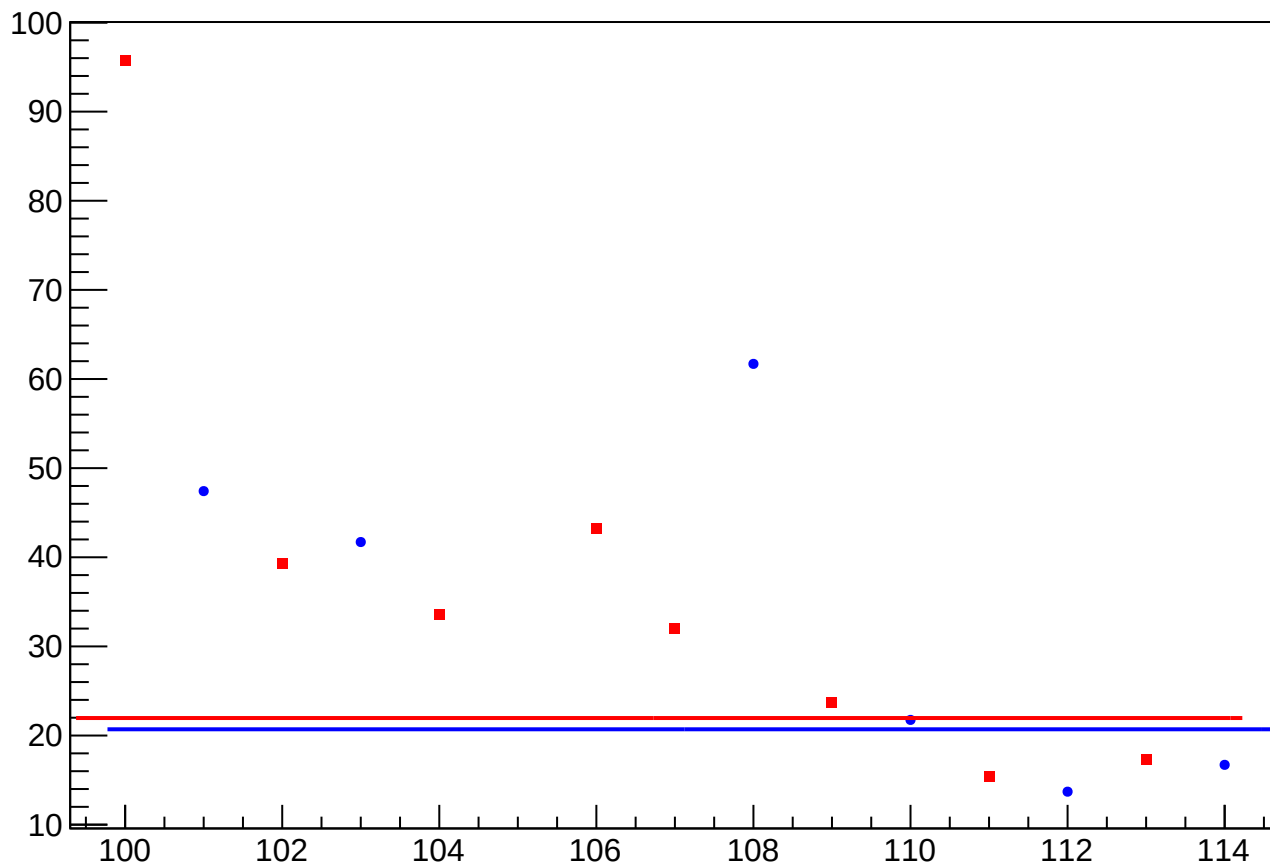
Right: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

In: -0.036 $\pm$ 0.015 χ^2 /NDF:8.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.701+/-0.011 χ^2/NDF : 1267063.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.964+/-0.010 χ^2/NDF : 841394.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

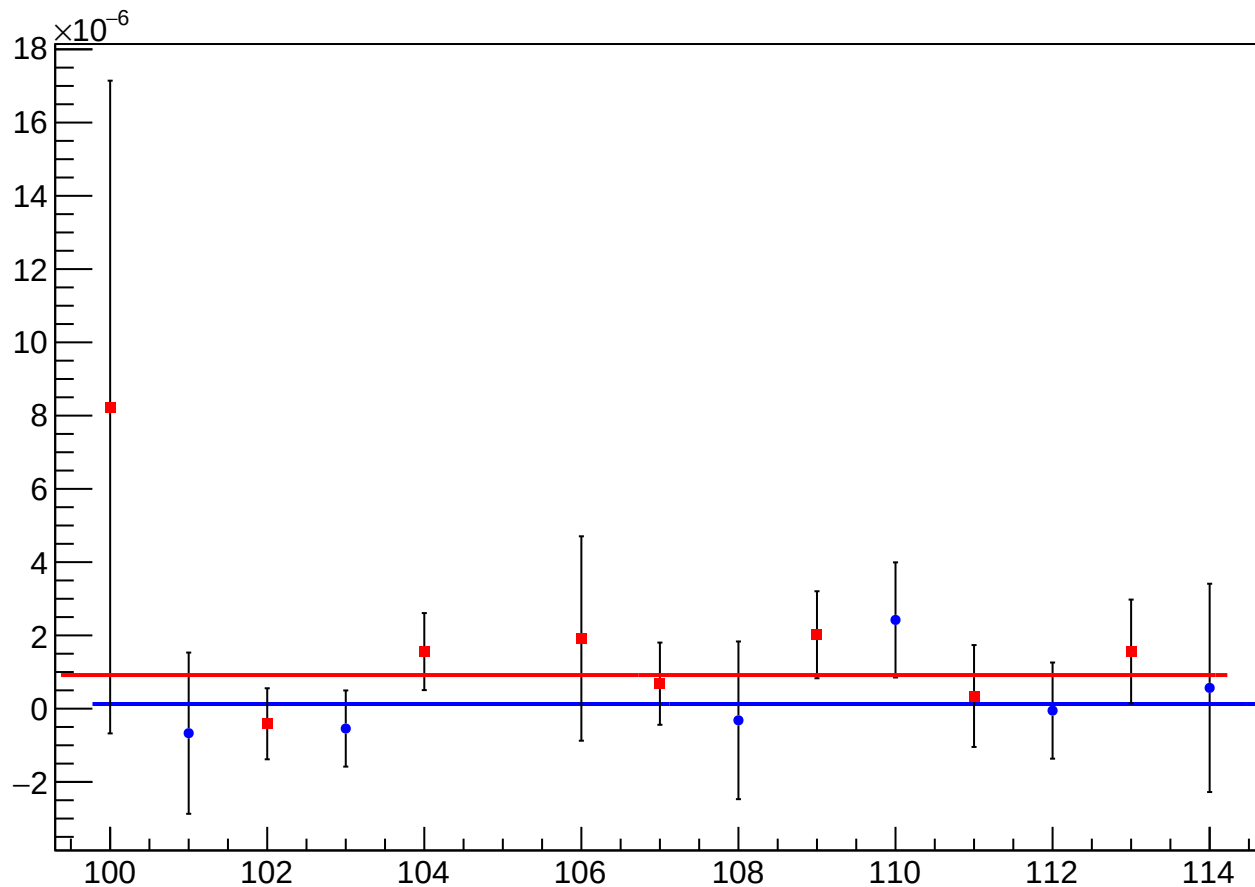
Right: 21.403+/-0.007 χ^2/NDF : 2116169.4/13

In: 20.701+/-0.011 χ^2/NDF : 1267063.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.403+/-0.007 χ^2/NDF : 2116169.4/13

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

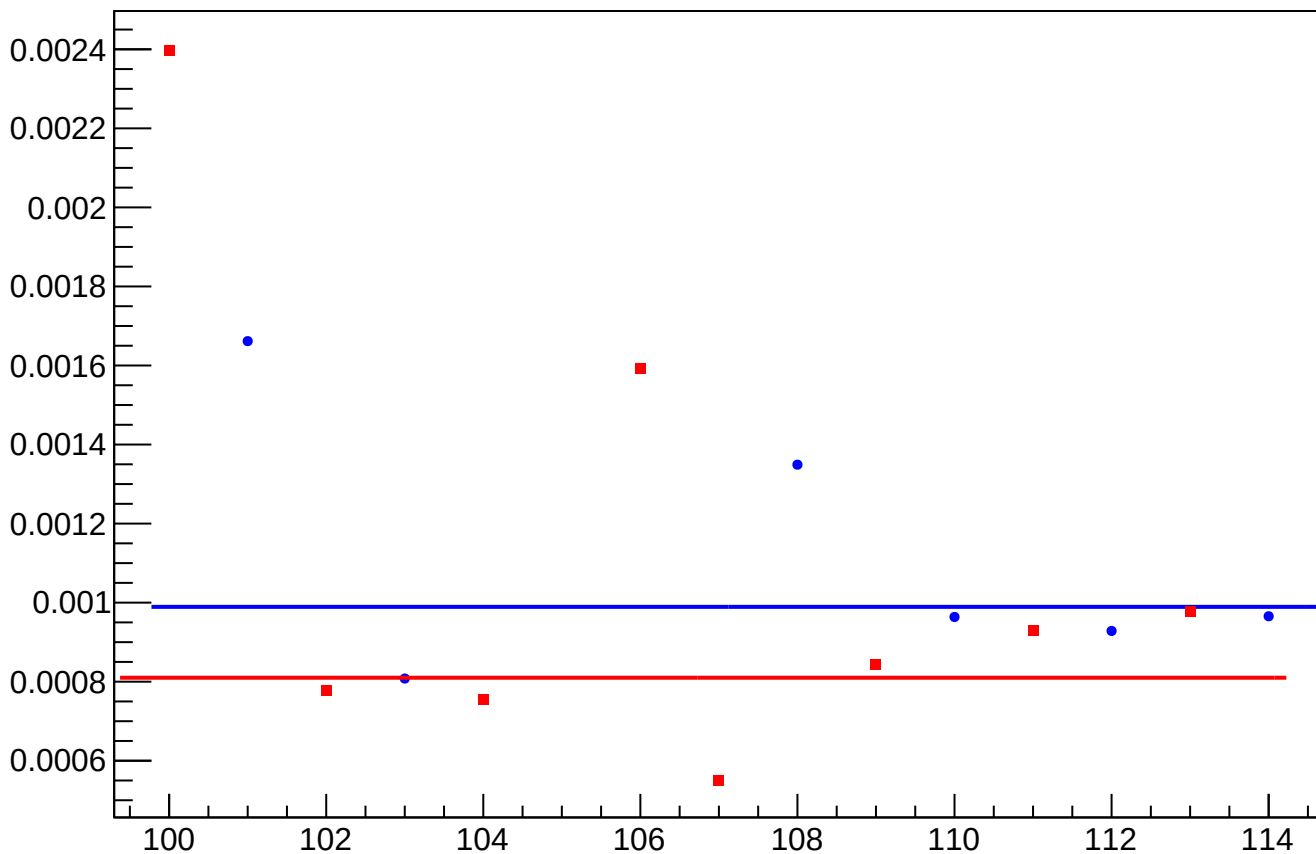
Right: 0.000+/-0.000 χ^2/NDF : 8.1/13

In: 0.000+/-0.000 χ^2/NDF : 2.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.1/13

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

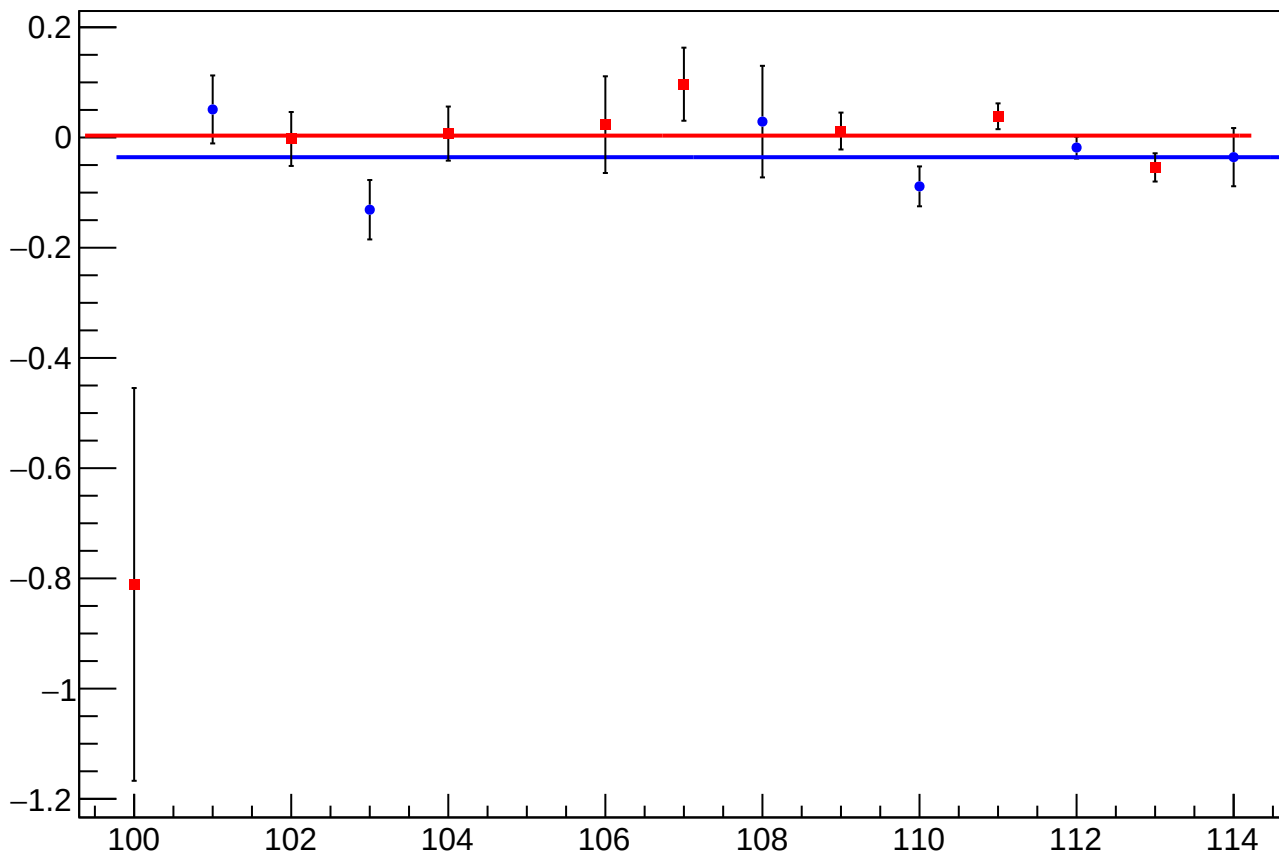
Right: 0.001+/-0.000 χ^2/NDF : 791427.8/13

In: 0.001+/-0.000 χ^2/NDF :308397.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 791427.8/13

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

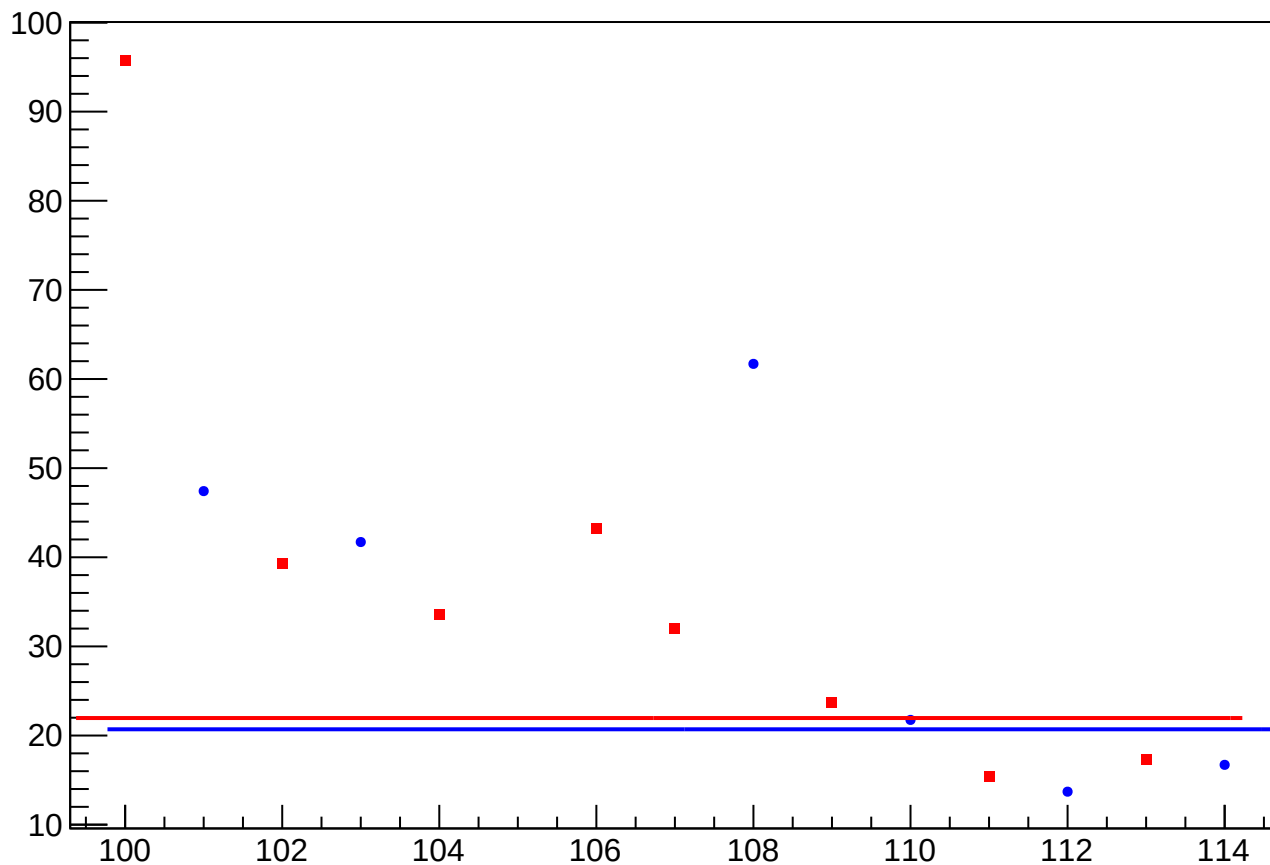
Right: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

In: -0.036 $\pm$ 0.015 χ^2 /NDF:8.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

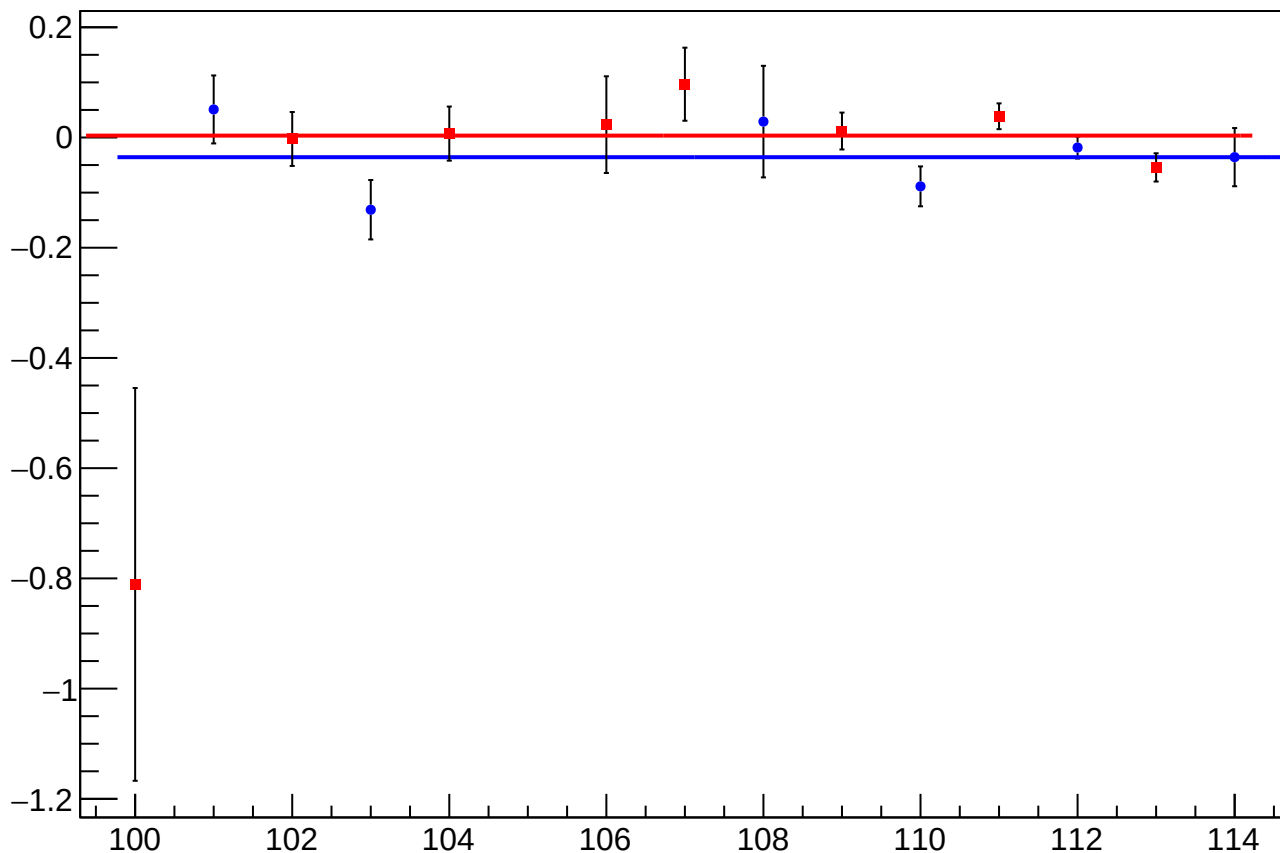
Right: 21.403+/-0.007 χ^2/NDF : 2116252.5/13

In: 20.700+/-0.011 χ^2/NDF : 1267098.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.403+/-0.007 χ^2/NDF : 2116252.5/13

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

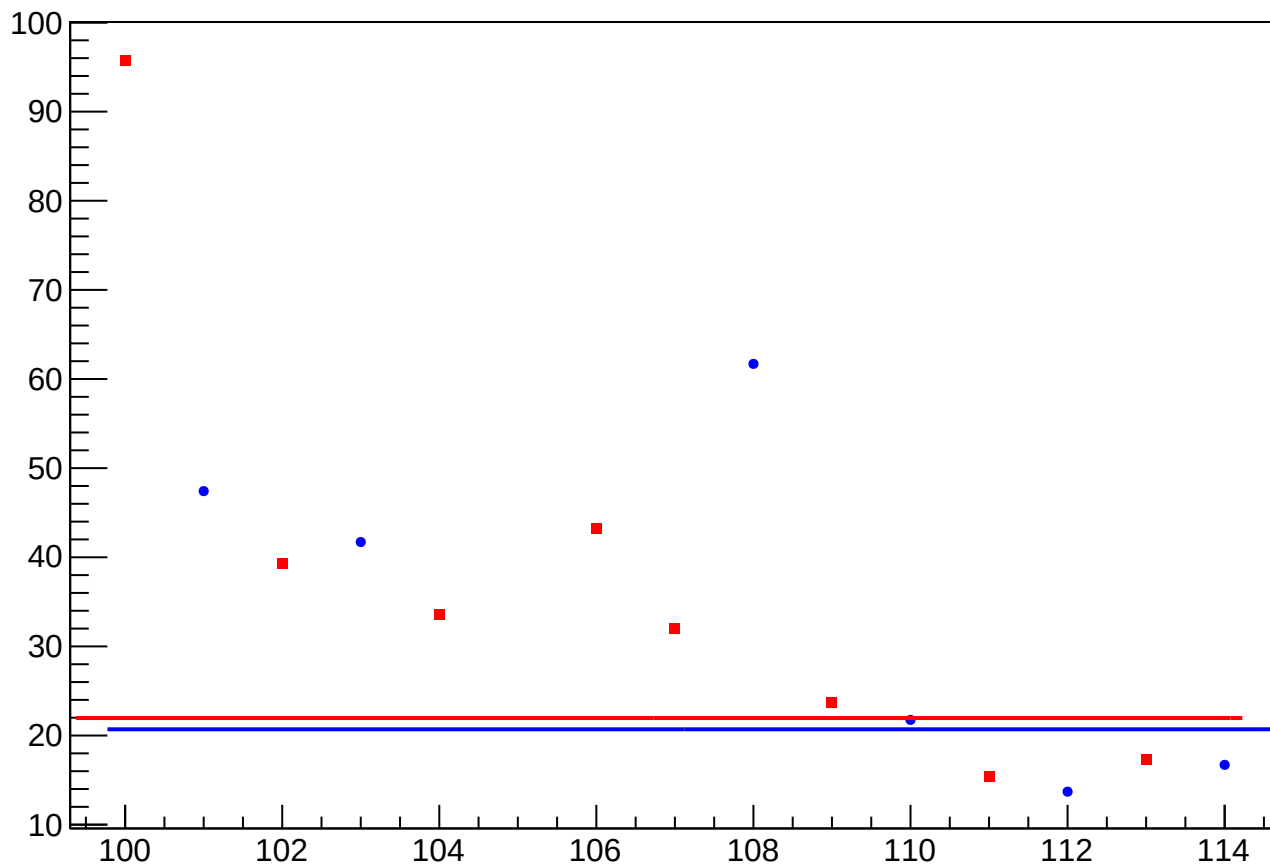
Right: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

In: -0.036 $\pm$ 0.015 χ^2 /NDF:8.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.010 χ^2 /NDF: 26.8/13

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

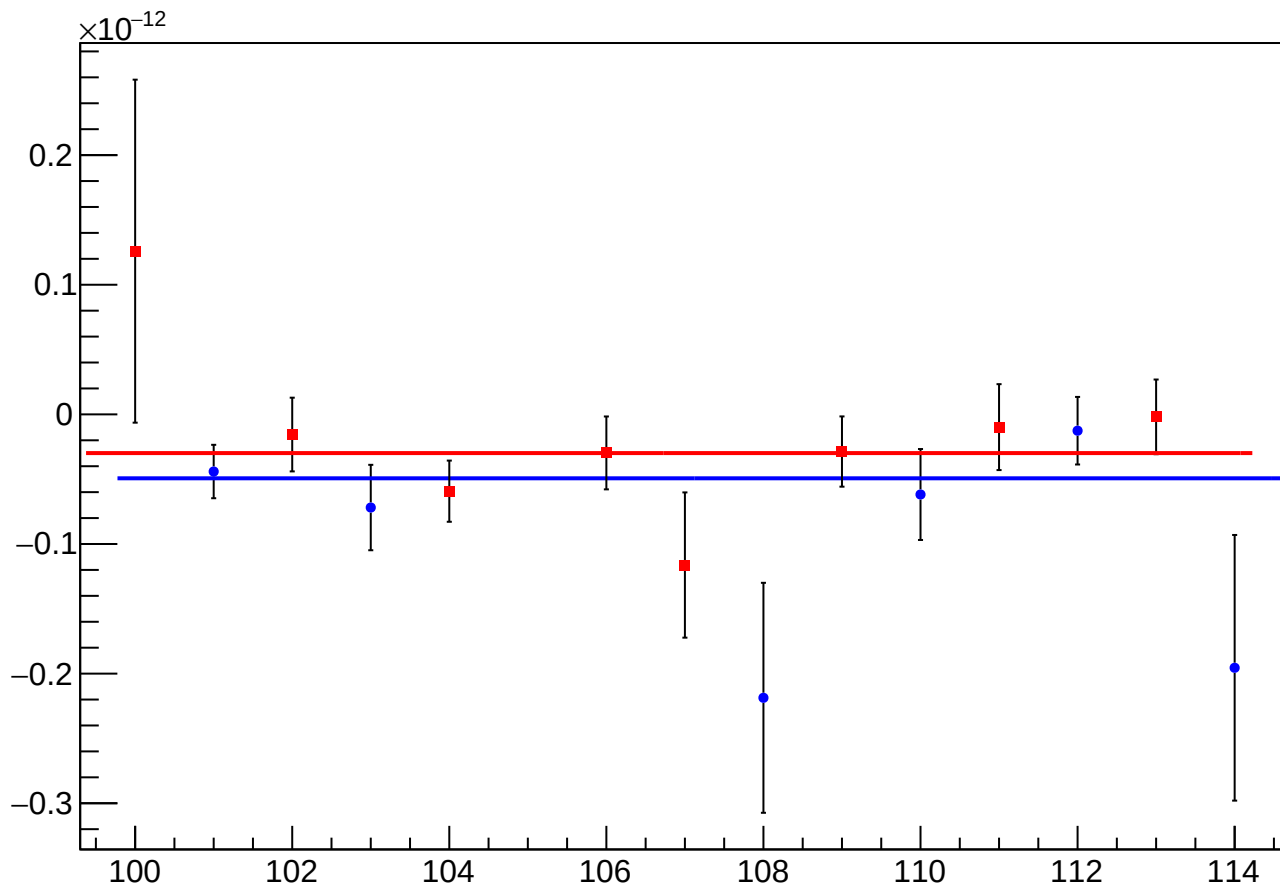
Right: 21.403+/-0.007 χ^2/NDF : 2116252.5/13

In: 20.700+/-0.011 χ^2/NDF : 1267098.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.403+/-0.007 χ^2/NDF : 2116252.5/13

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

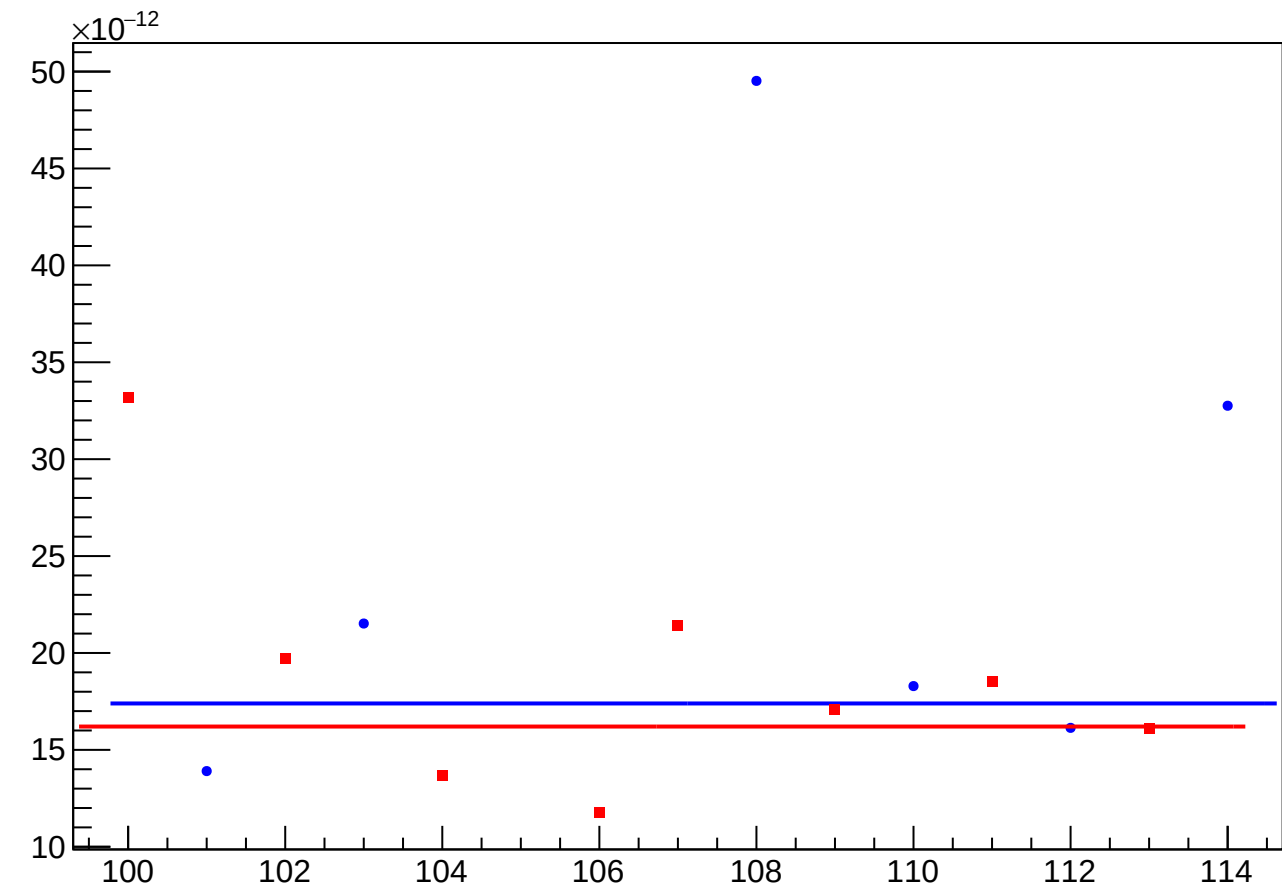
Right: -0.000+/-0.000 χ^2/NDF : 16.5/13

In: -0.000+/-0.000 χ^2/NDF : 8.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/13

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 401930.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 164791.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

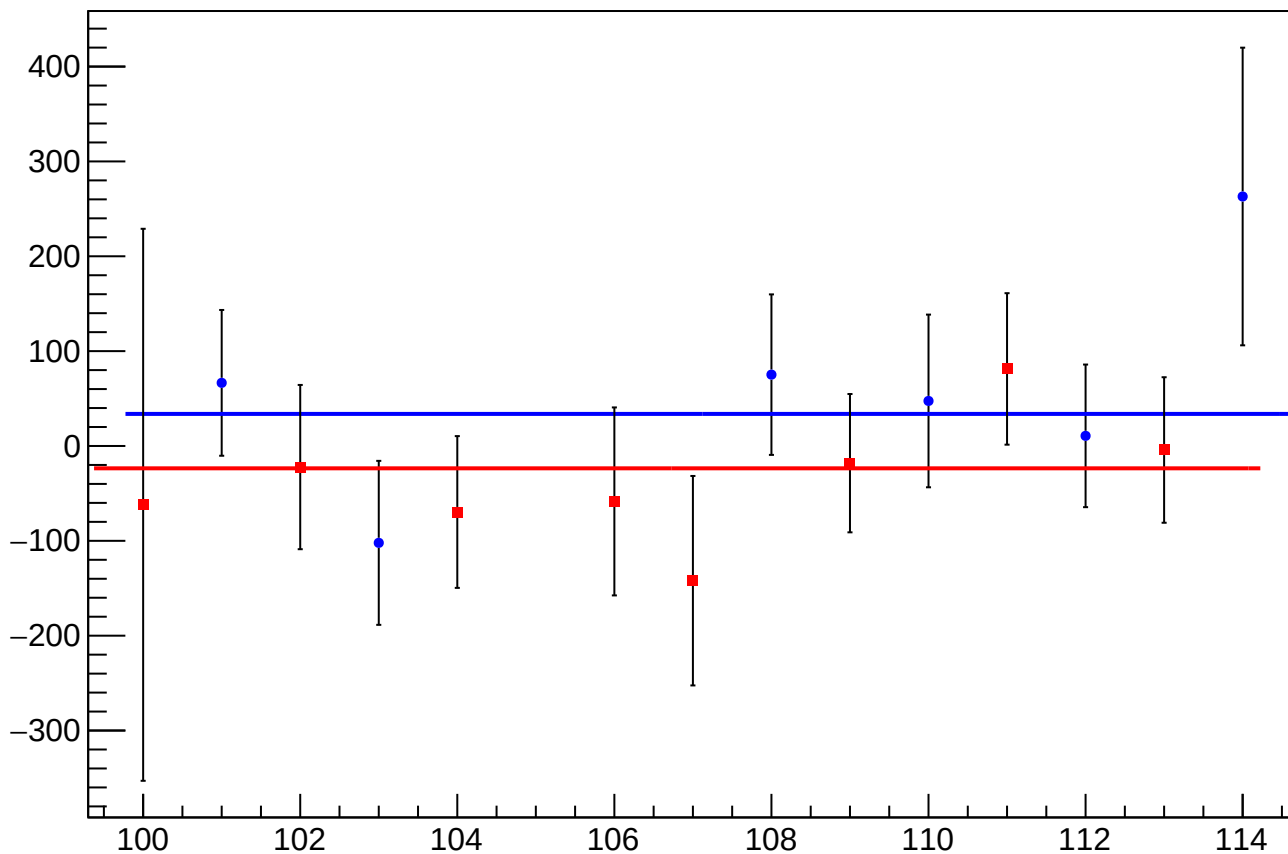
Right: 0.000+/-0.000 χ^2/NDF : 576321.5/13

In: 0.000+/-0.000 χ^2/NDF : 401930.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 576321.5/13

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

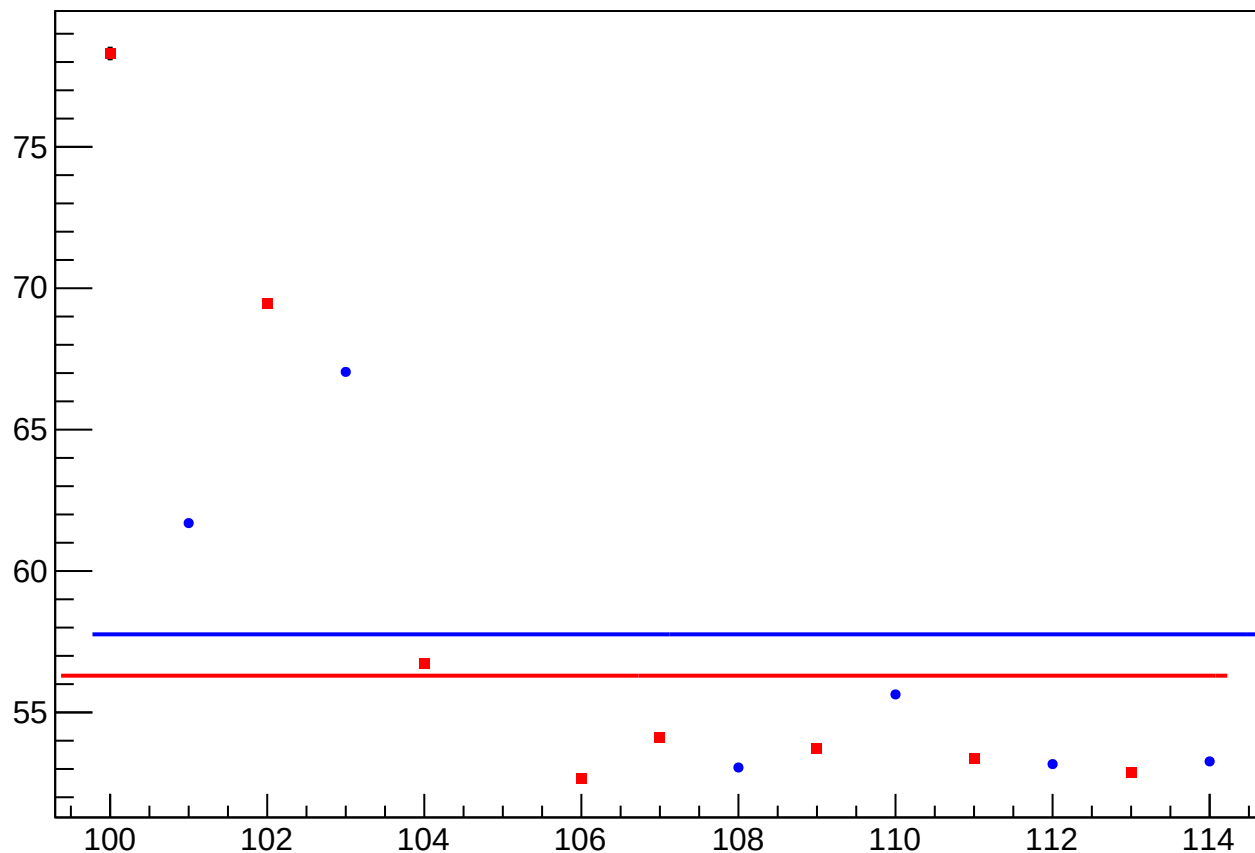
Right: 1.595+/-23.695 χ^2/NDF : 10.0/13

In: 33.809+/-35.782 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.595+/-23.695 χ^2/NDF : 10.0/13

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

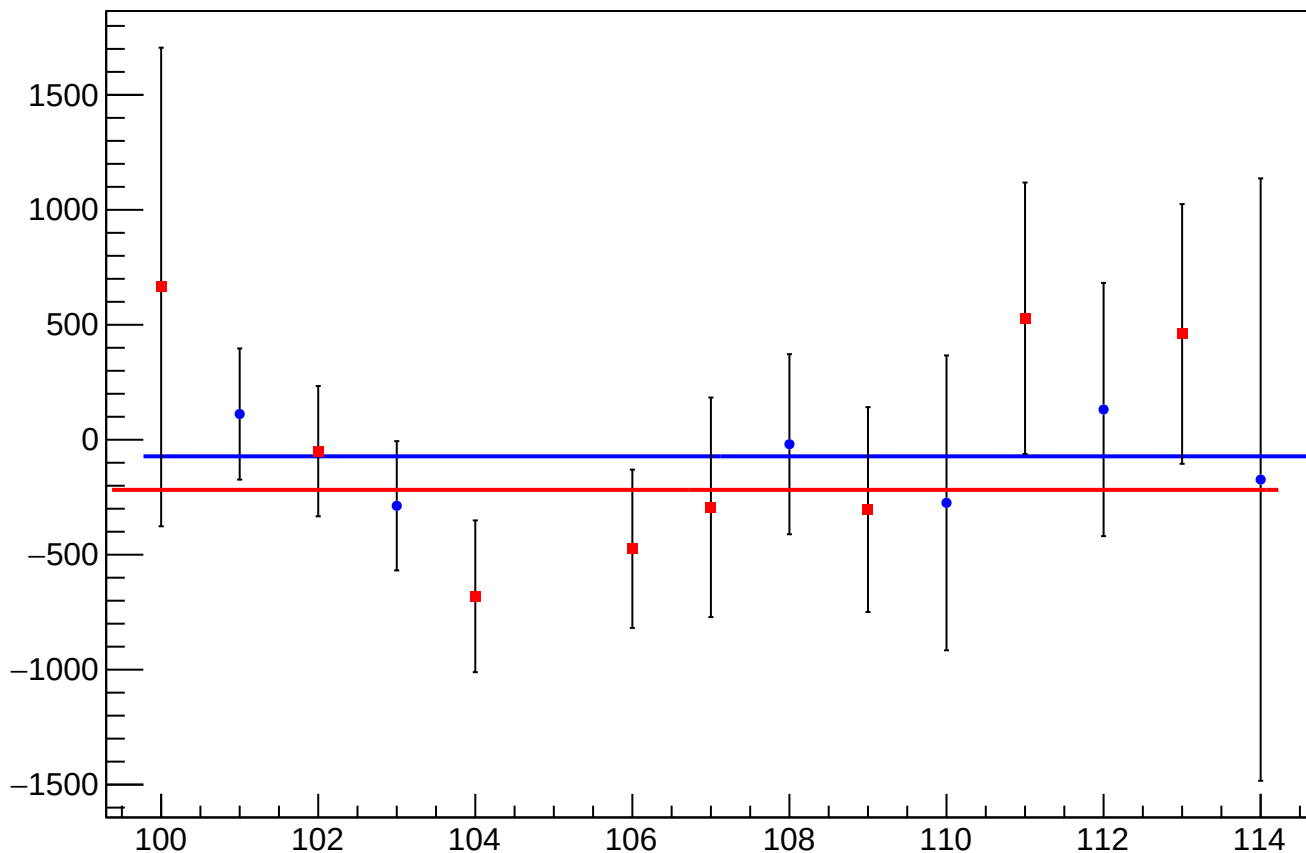
Right: 56.940+/-0.017 χ^2/NDF : 116816.6/13

In: 57.761+/-0.025 χ^2/NDF : 44671.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.940+/-0.017 χ^2/NDF : 116816.6/13

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -72.048 ± 162.729 χ^2/NDF : 1.3/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -217.912 ± 146.790 χ^2/NDF : 6.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

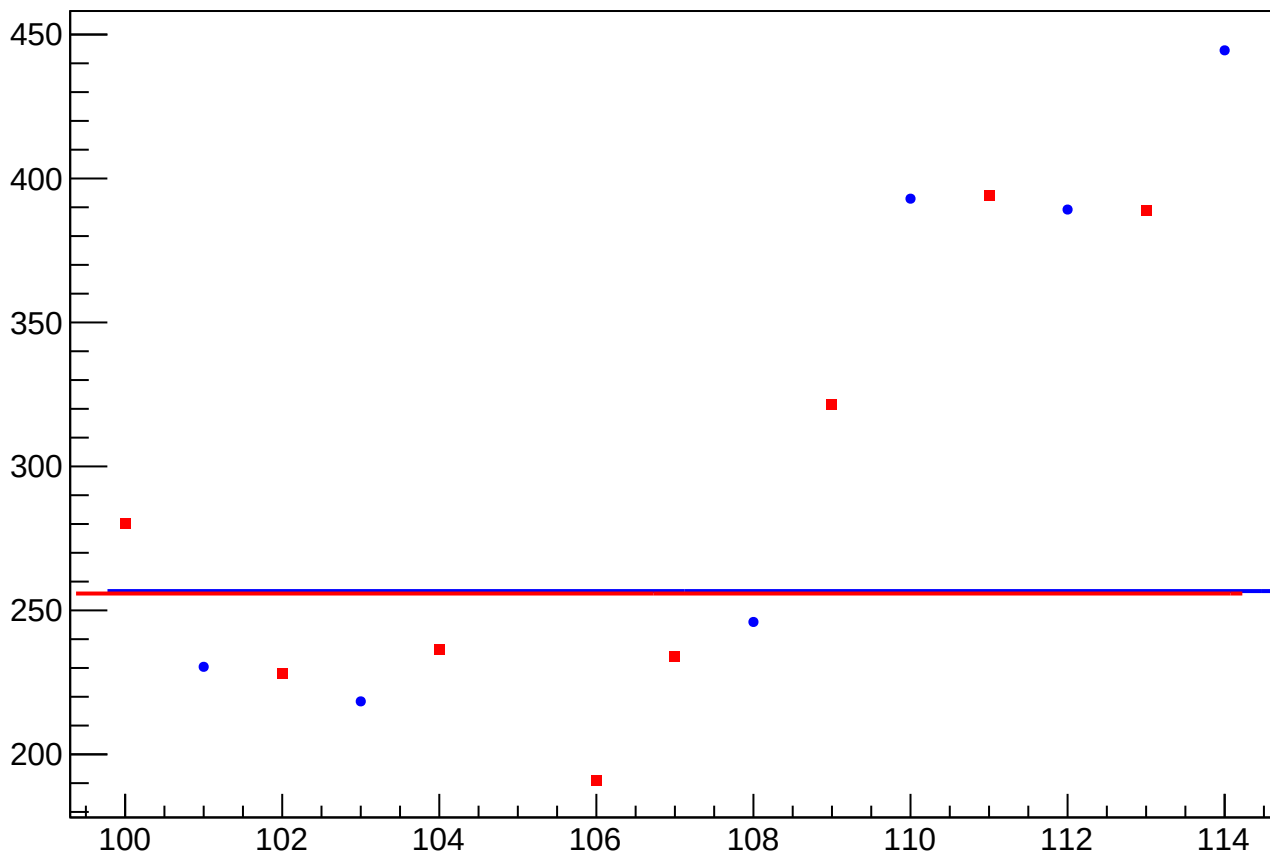
Right: -152.471 ± 108.997 χ^2/NDF : 8.4/13

In: -72.048 ± 162.729 χ^2/NDF : 1.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -152.471 ± 108.997 χ^2/NDF : 8.4/13

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 256.706+/-0.115 χ^2/NDF : 302783.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.856+/-0.104 χ^2/NDF : 366143.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

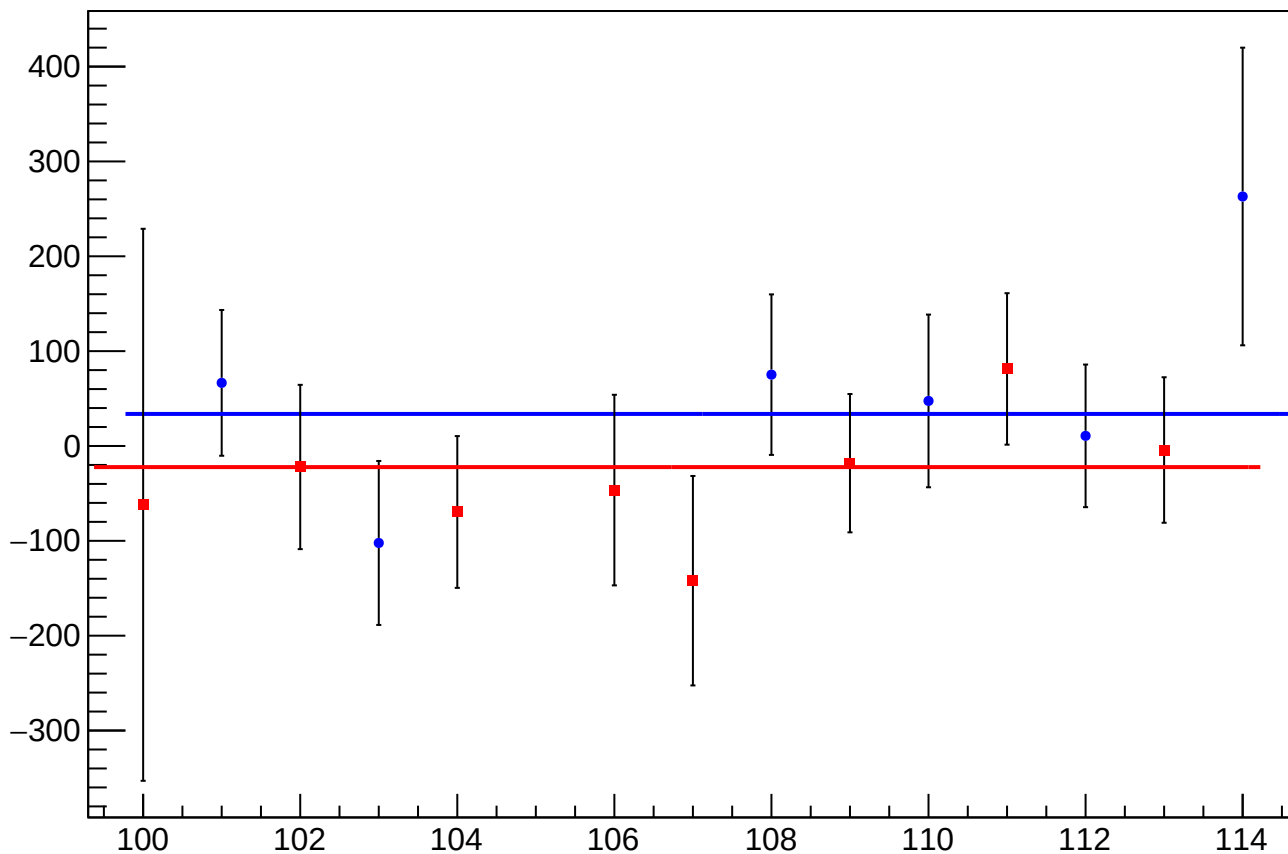
Right: 256.238+/-0.077 χ^2/NDF : 668957.2/13

In: 256.706+/-0.115 χ^2/NDF : 302783.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.238+/-0.077 χ^2/NDF : 668957.2/13

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.797+/-35.782 χ^2/NDF : 5.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.263+/-31.666 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

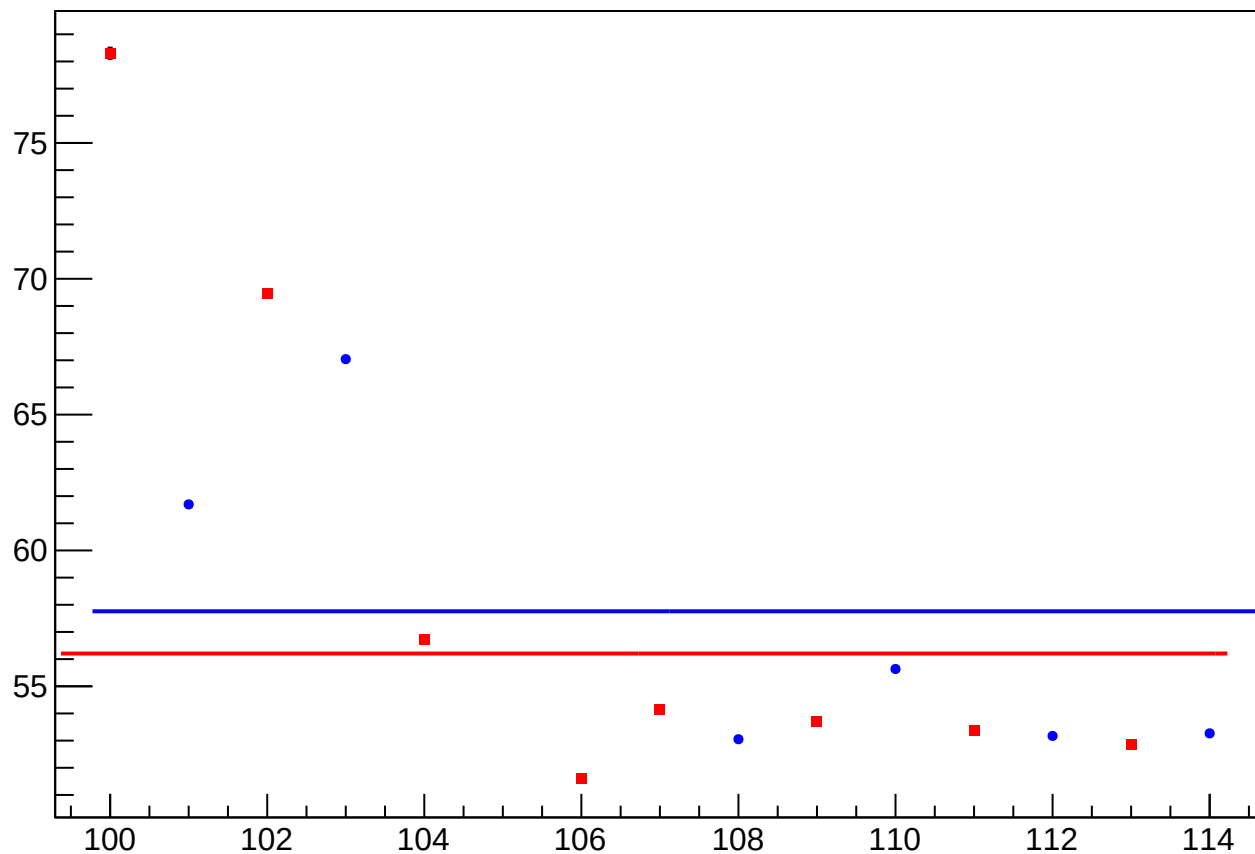
Right: 2.359+/-23.714 χ^2/NDF : 9.9/13

In: 33.797+/-35.782 χ^2/NDF : 5.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.359+/-23.714 χ^2/NDF : 9.9/13

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

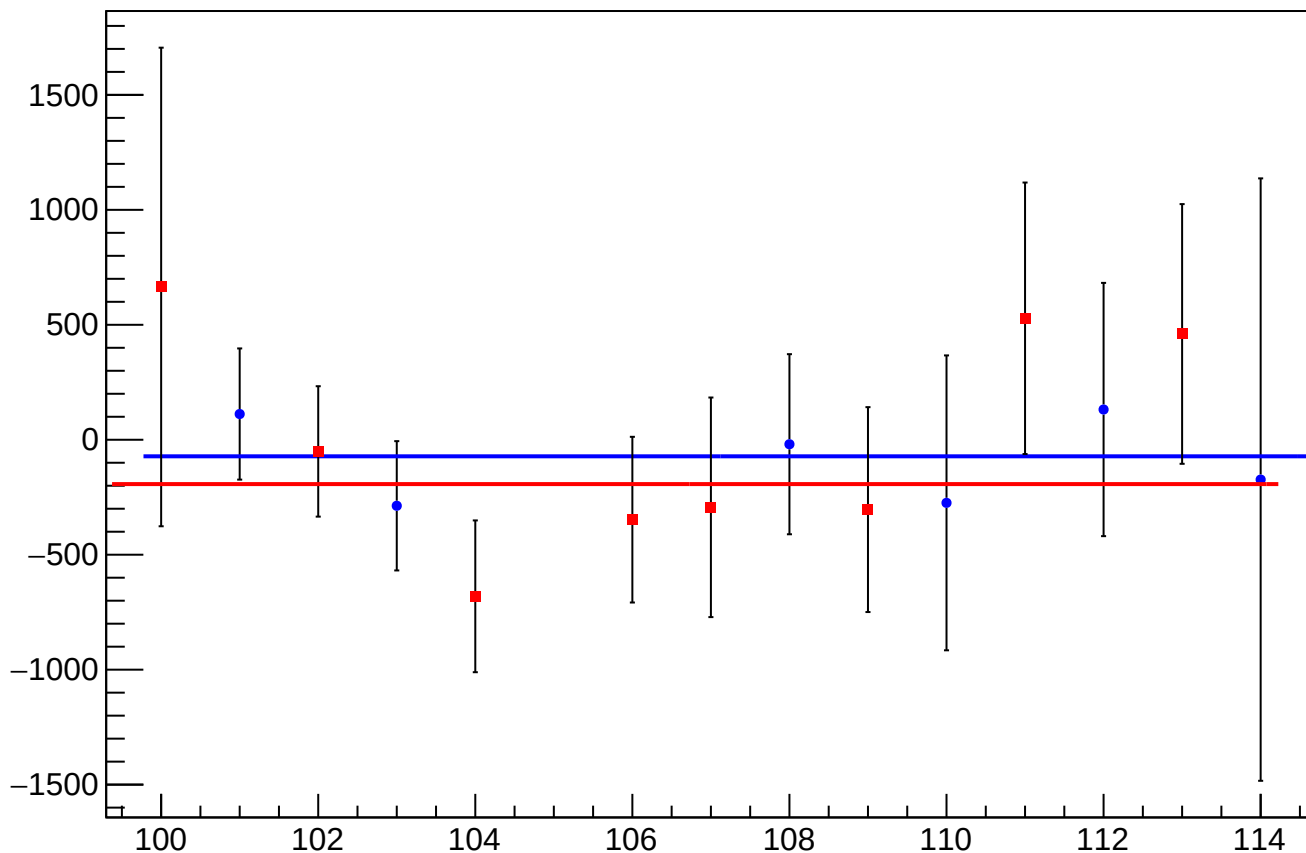
Right: 56.889+/-0.017 χ^2/NDF : 118829.4/13

In: 57.761+/-0.025 χ^2/NDF : 44672.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.889+/-0.017 χ^2/NDF : 118829.4/13

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -72.021+/-162.731 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.826+/-147.991 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

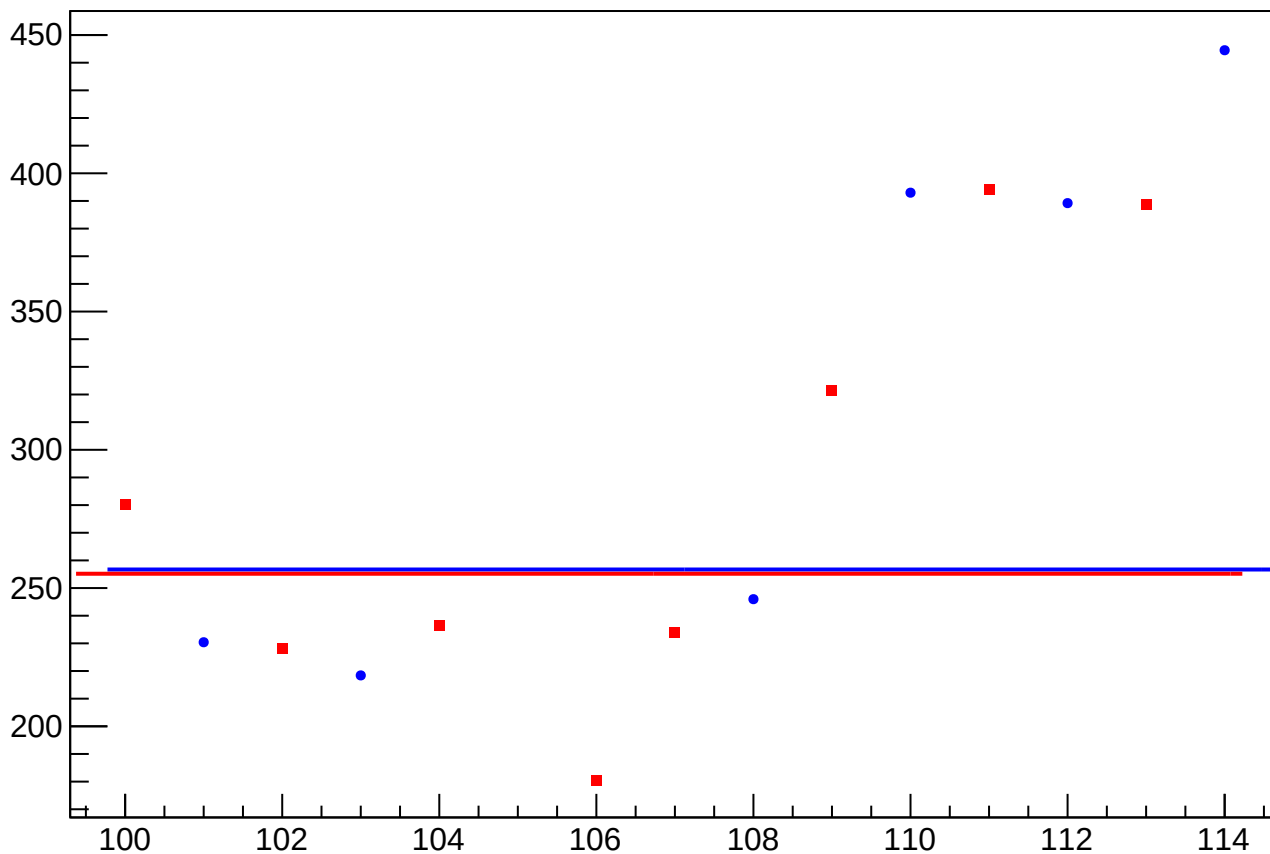
Right: -138.141+/-109.486 χ^2/NDF : 7.8/13

In: -72.021+/-162.731 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.141+/-109.486 χ^2/NDF : 7.8/13

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 256.710+/-0.115 χ^2/NDF : 302768.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.178+/-0.105 χ^2/NDF : 382384.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

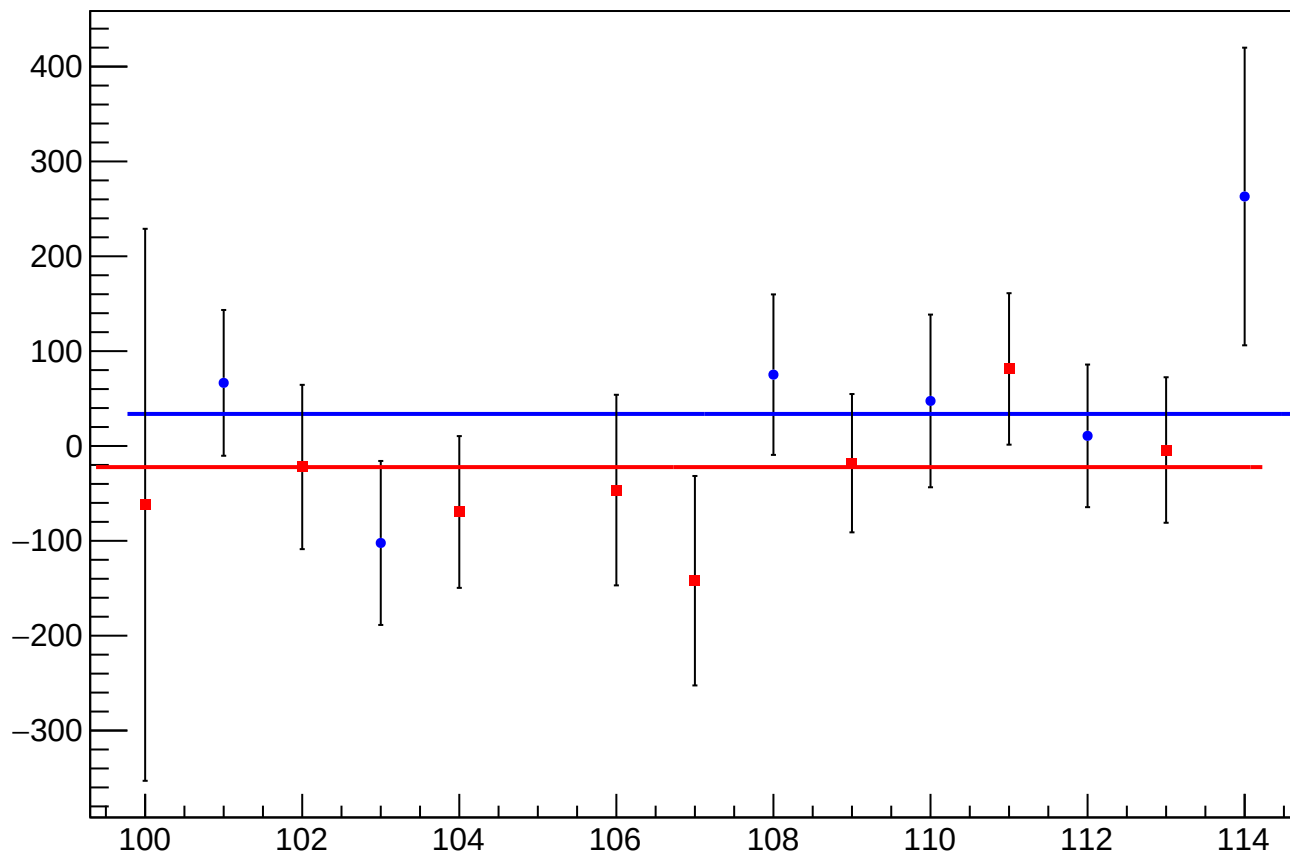
Right: 255.871+/-0.077 χ^2/NDF : 685250.3/13

In: 256.710+/-0.115 χ^2/NDF : 302768.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.871+/-0.077 χ^2/NDF : 685250.3/13

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

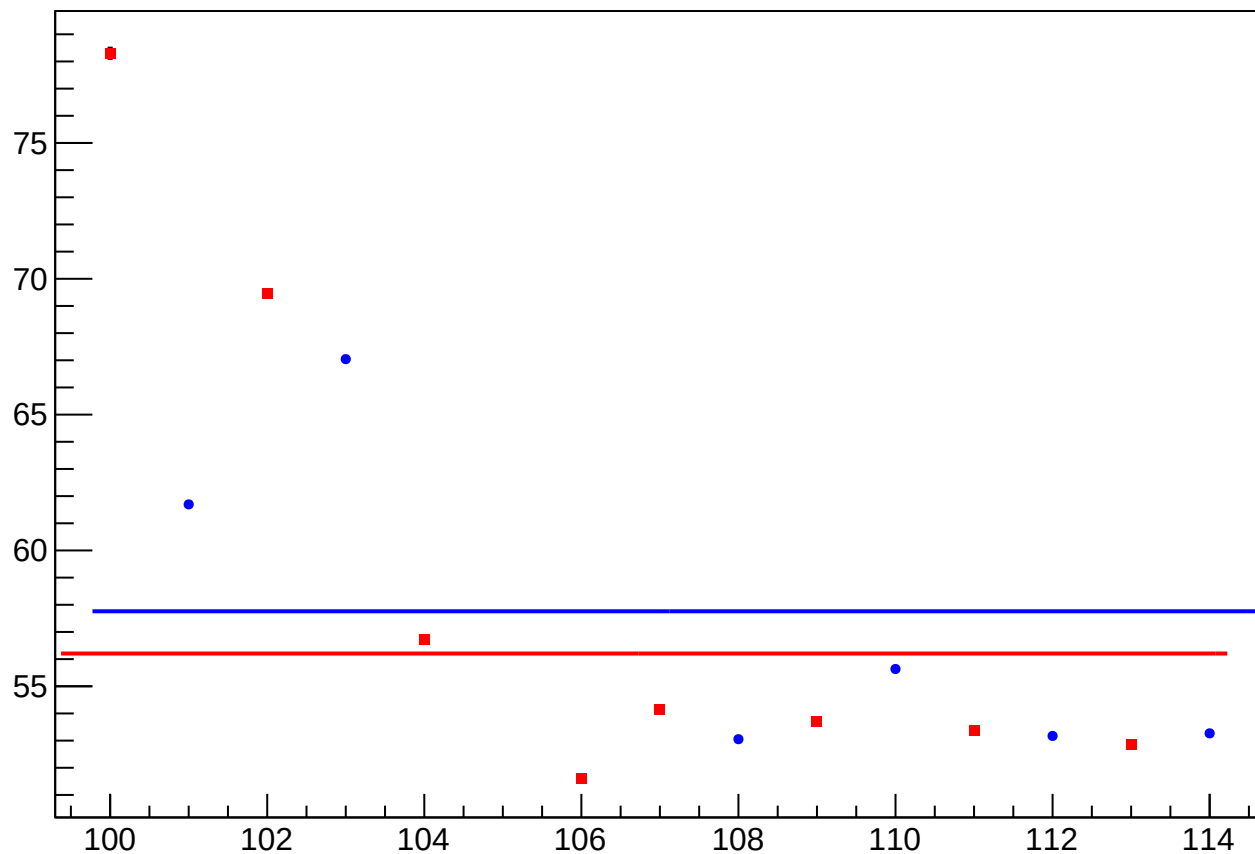
Right: 2.359 $\pm$ 23.714 χ^2 /NDF: 9.9/13

In: 33.797 $\pm$ 35.782 χ^2 /NDF: 5.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.359 $\pm$ 23.714 χ^2 /NDF: 9.9/13

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

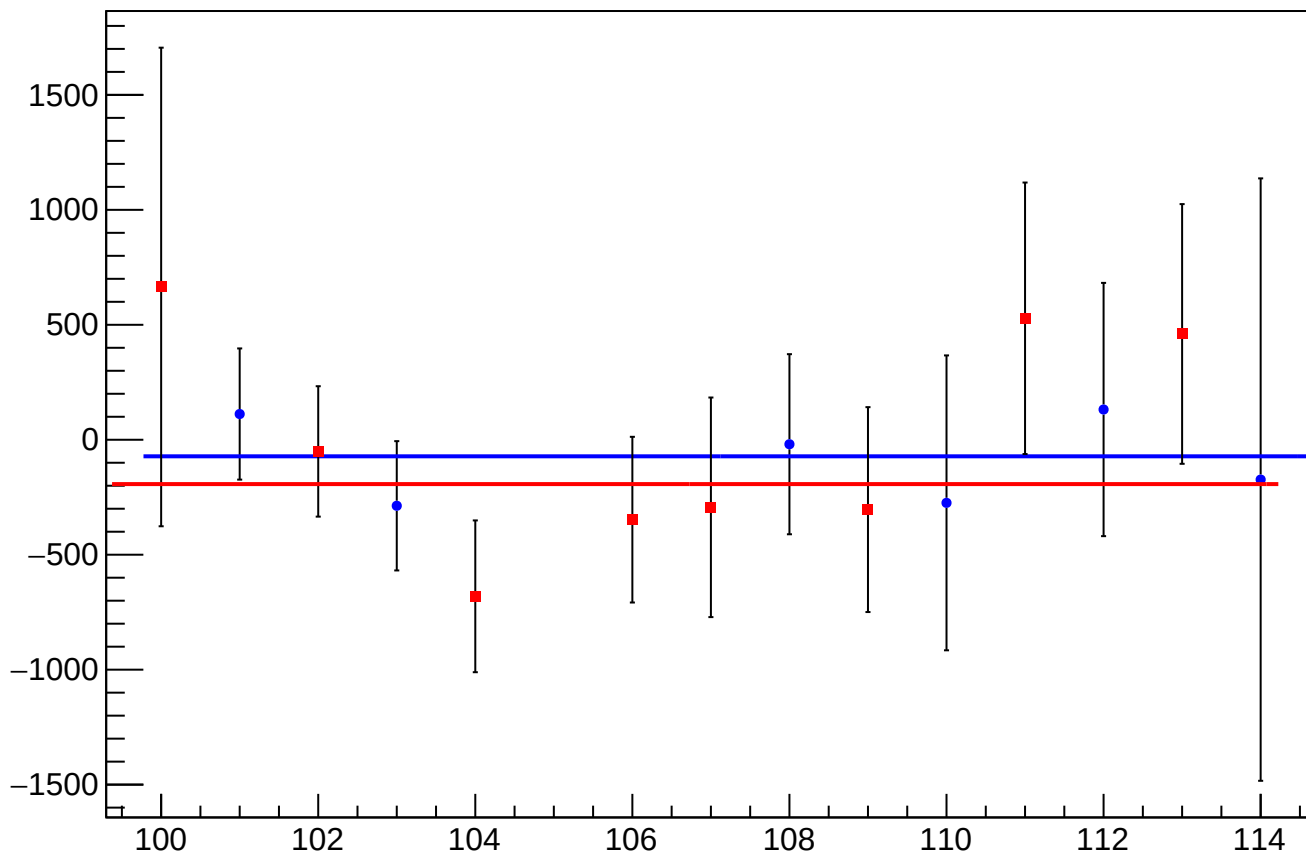
Right: 56.889+/-0.017 χ^2/NDF : 118829.4/13

In: 57.761+/-0.025 χ^2/NDF : 44672.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.889+/-0.017 χ^2/NDF : 118829.4/13

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -72.021+/-162.731 χ^2/NDF : 1.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.826+/-147.991 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

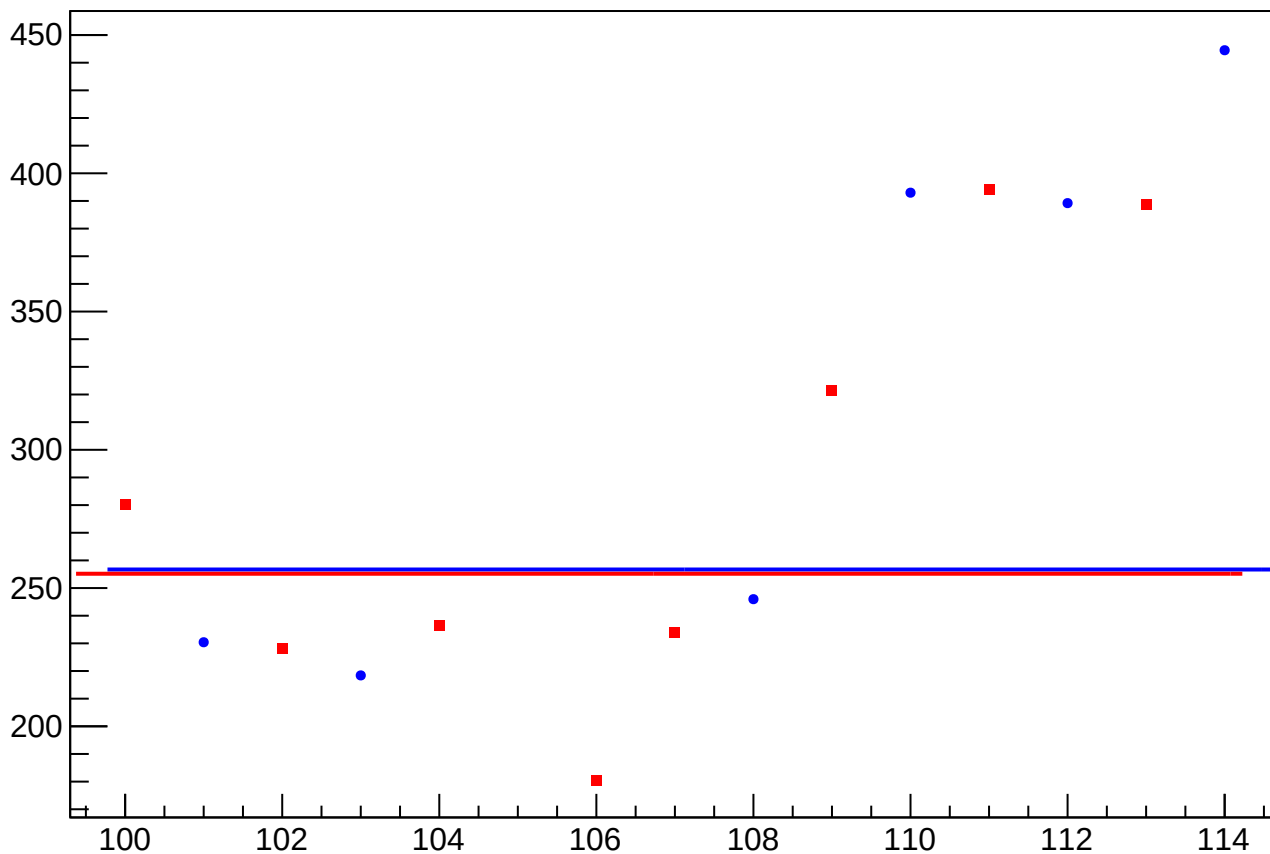
Right: -138.141+/-109.486 χ^2/NDF : 7.8/13

In: -72.021+/-162.731 χ^2/NDF : 1.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.141+/-109.486 χ^2/NDF : 7.8/13

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

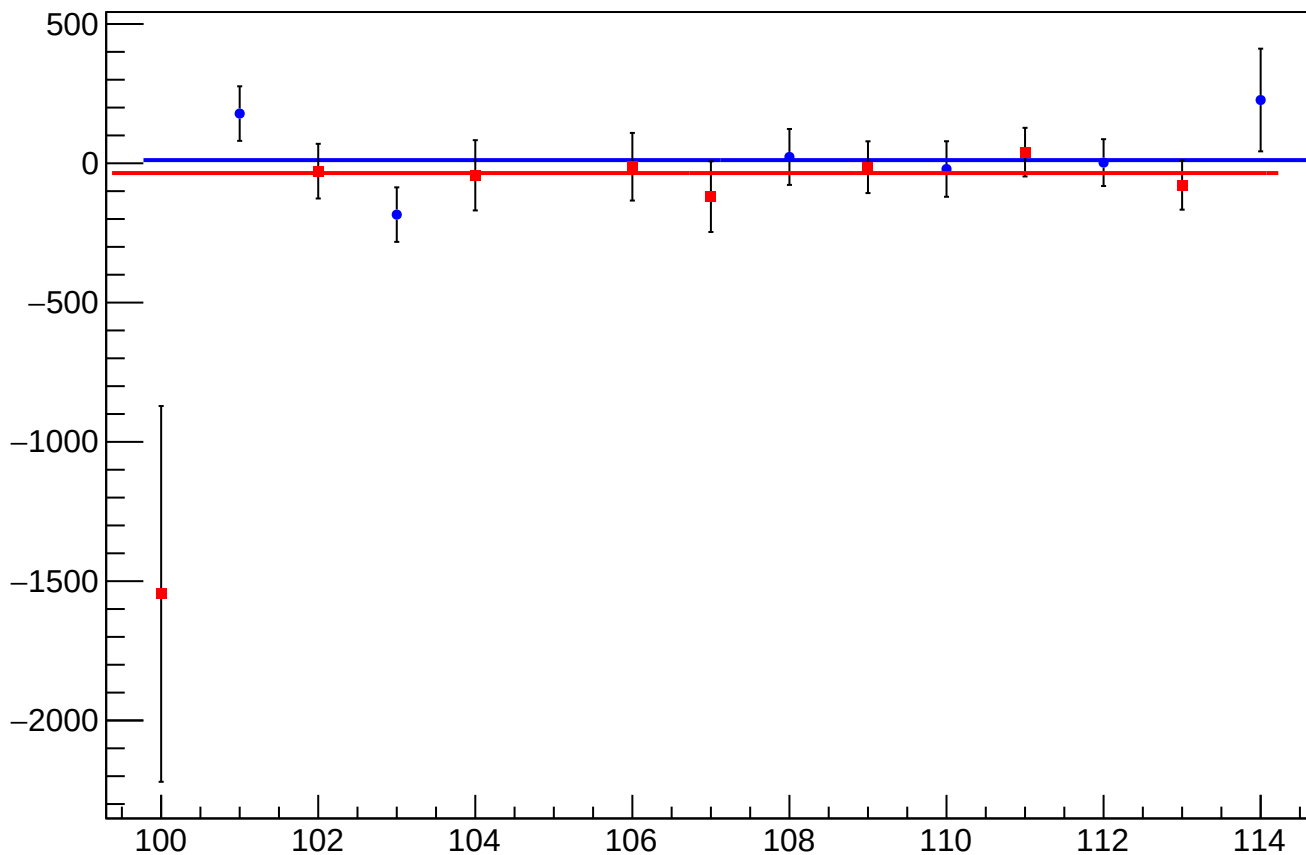
Right: 255.871 $\pm$ 0.077 χ^2 /NDF: 685250.3/13

In: 256.710 $\pm$ 0.115 χ^2 /NDF:302768.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 255.871 $\pm$ 0.077 χ^2 /NDF: 685250.3/13

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 11.403+/-41.533 χ^2/NDF : 8.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.057+/-38.533 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

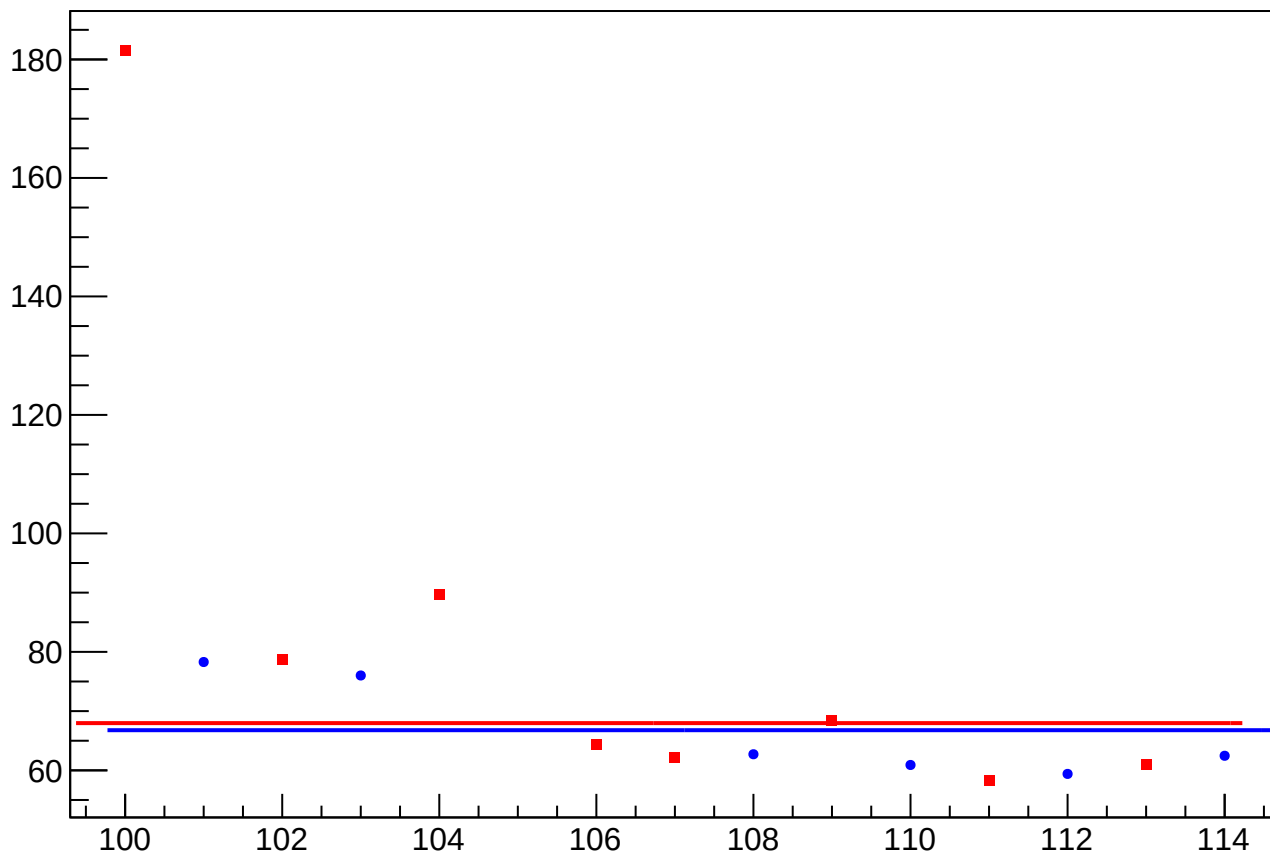
Right: -13.565+/-28.248 χ^2/NDF : 15.6/13

In: 11.403+/-41.533 χ^2/NDF : 8.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.565+/-28.248 χ^2/NDF : 15.6/13

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

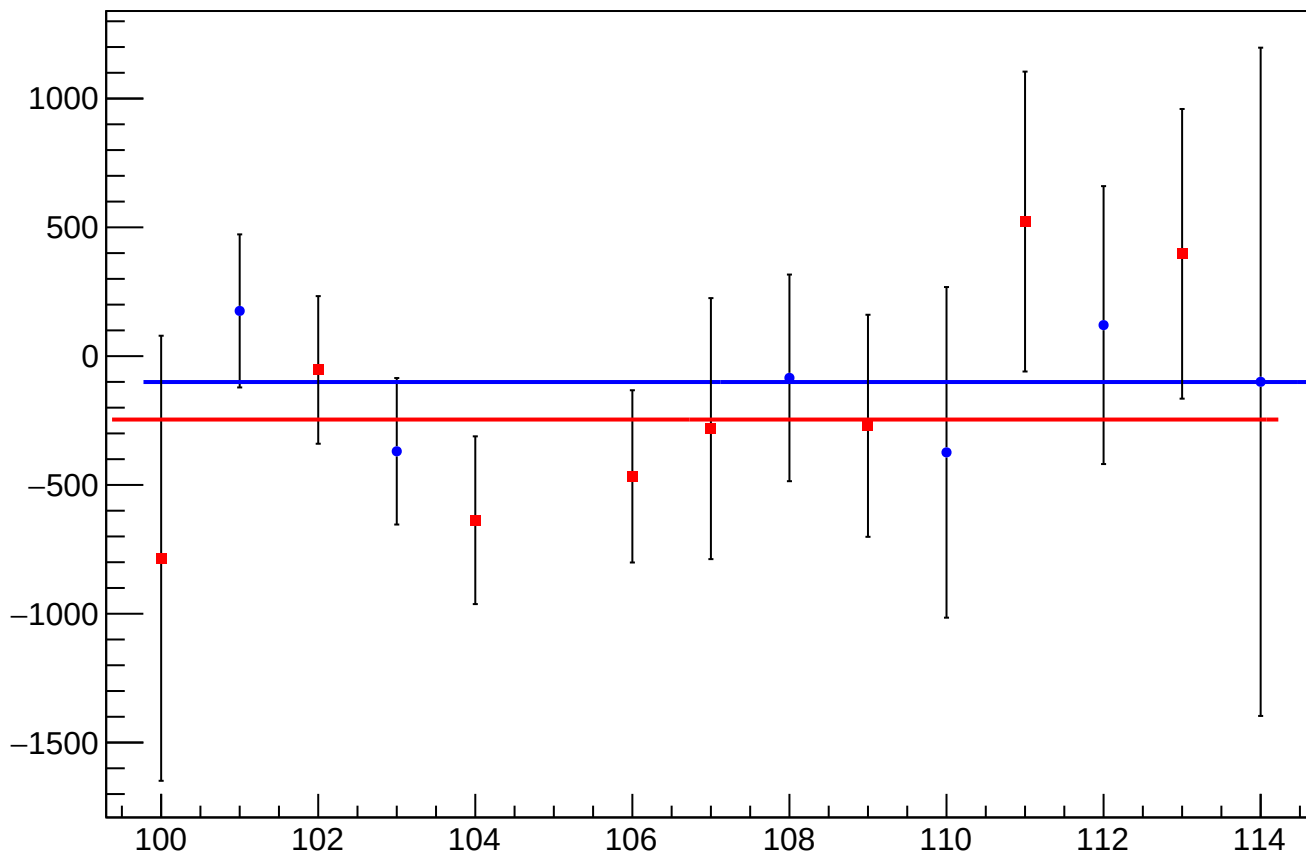
Right: 67.422+/-0.020 χ^2/NDF : 255843.4/13

In: 66.779+/-0.029 χ^2/NDF : 72168.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.422+/-0.020 χ^2/NDF : 255843.4/13

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -100.485+/-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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

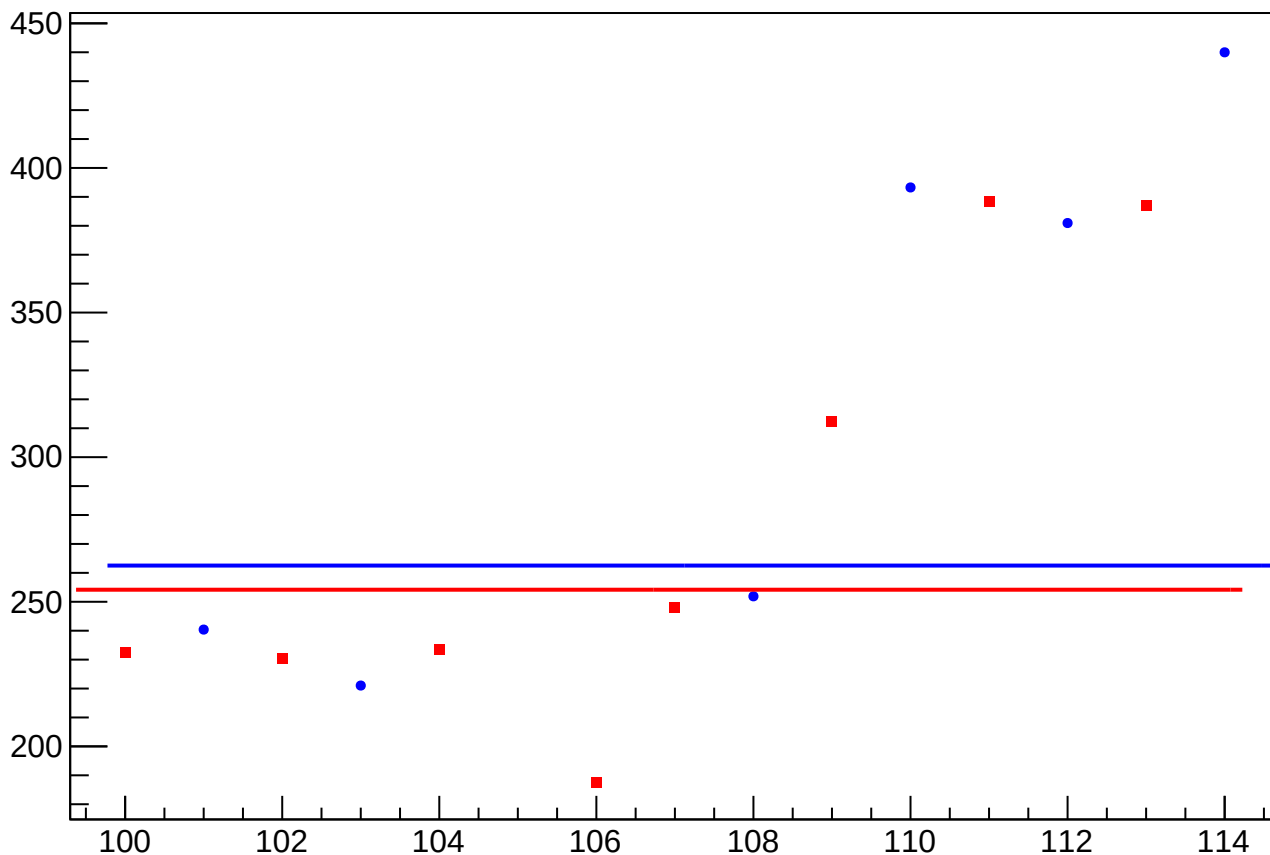
Right: -182.806+/-109.331 χ^2/NDF : 8.3/13

In: -100.485+/-165.818 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.806+/-109.331 χ^2/NDF : 8.3/13

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 262.520+/-0.117 χ^2/NDF : 271901.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.171+/-0.103 χ^2/NDF : 356879.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

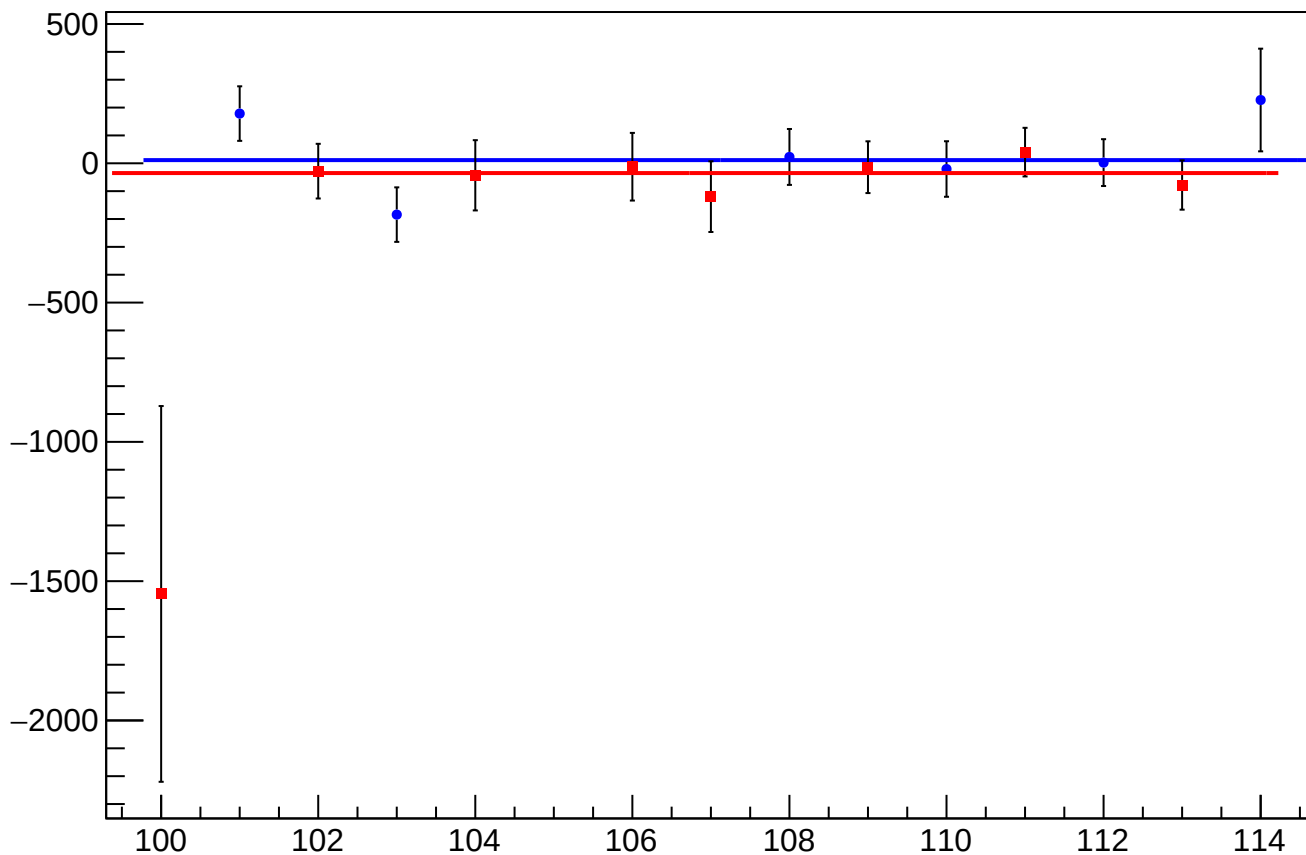
Right: 257.801+/-0.077 χ^2/NDF : 631647.7/13

In: 262.520+/-0.117 χ^2/NDF : 271901.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.801+/-0.077 χ^2/NDF : 631647.7/13

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

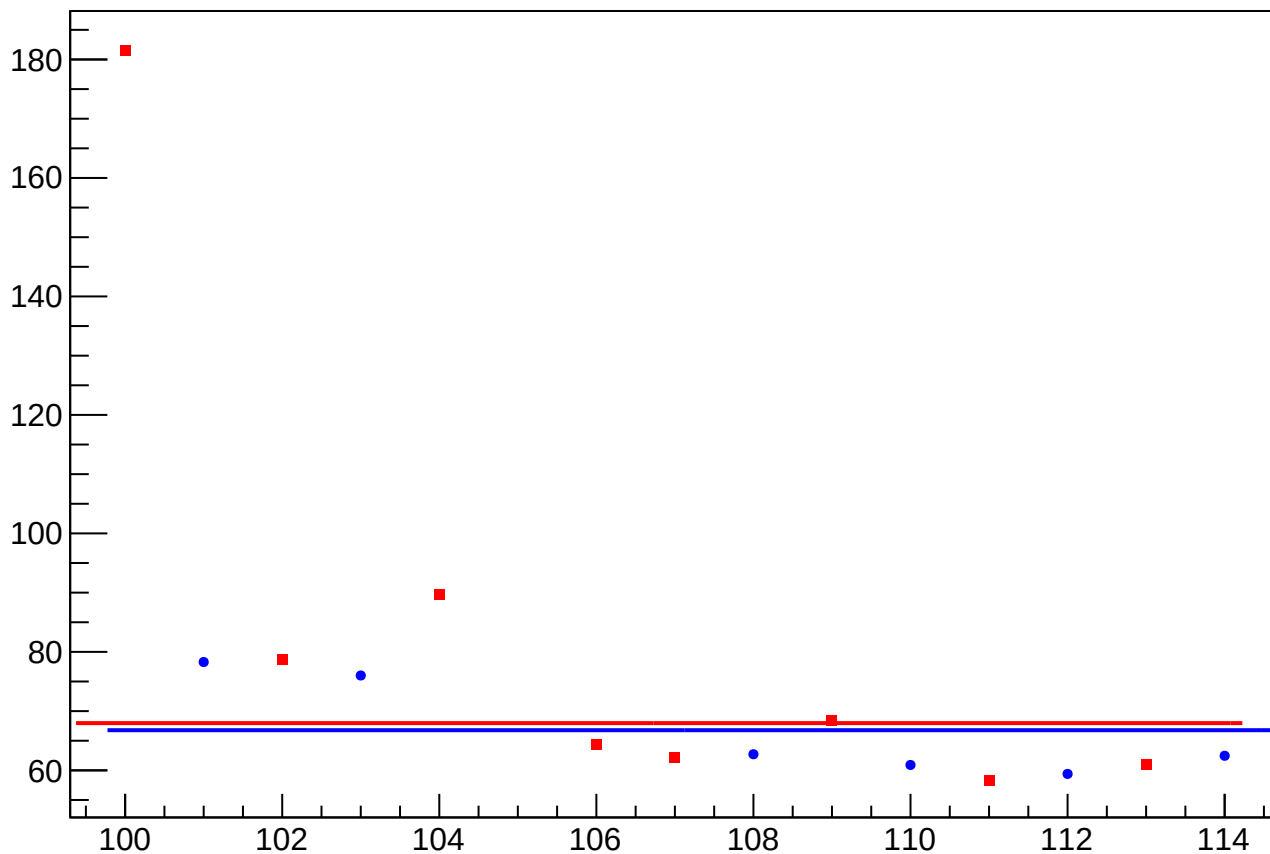
Right: -13.565 $\pm$ 28.248 χ^2 /NDF: 15.6/13

In: 11.404 $\pm$ 41.533 χ^2 /NDF: 8.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.565 $\pm$ 28.248 χ^2 /NDF: 15.6/13

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

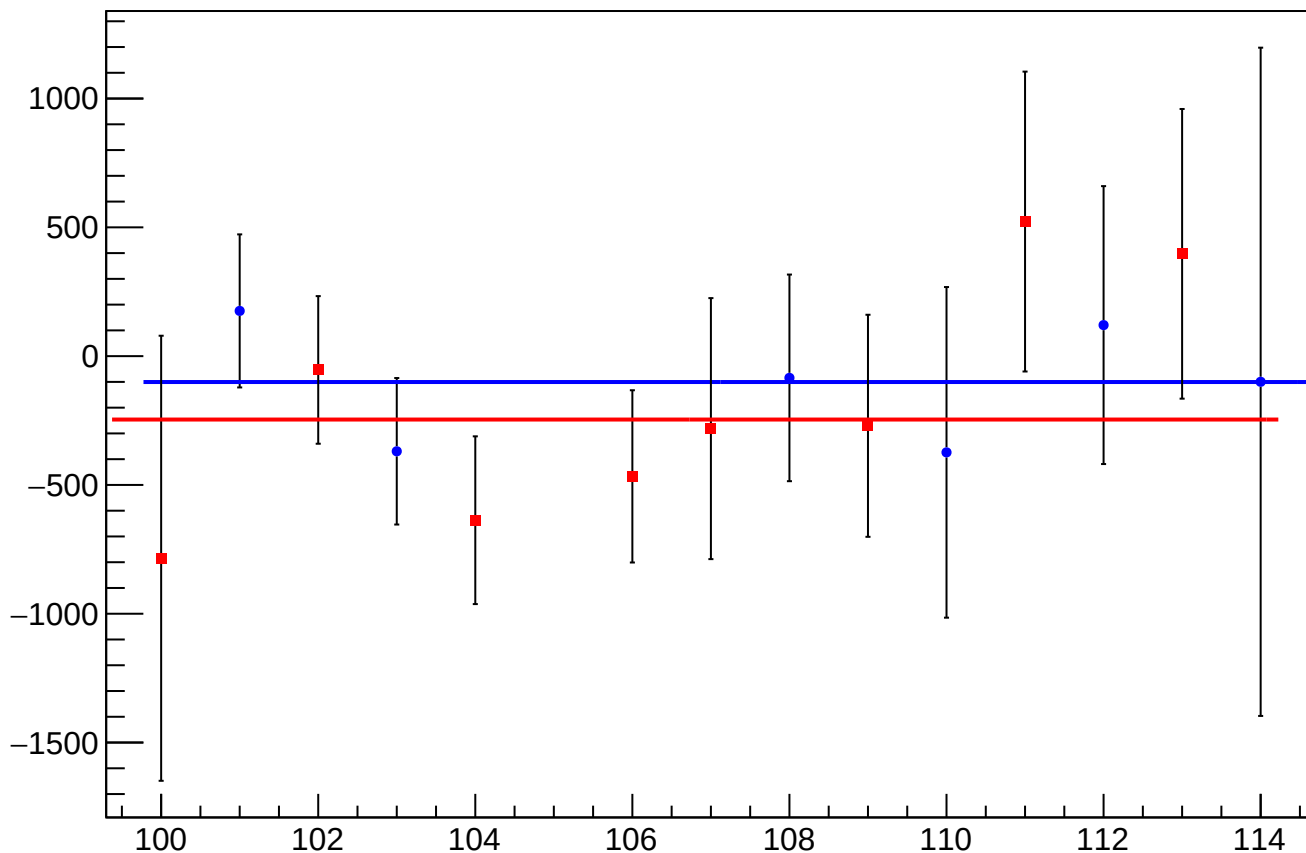
Right: 67.422+/-0.020 χ^2/NDF : 255850.8/13

In: 66.779+/-0.029 χ^2/NDF : 72170.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.422+/-0.020 χ^2/NDF : 255850.8/13

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

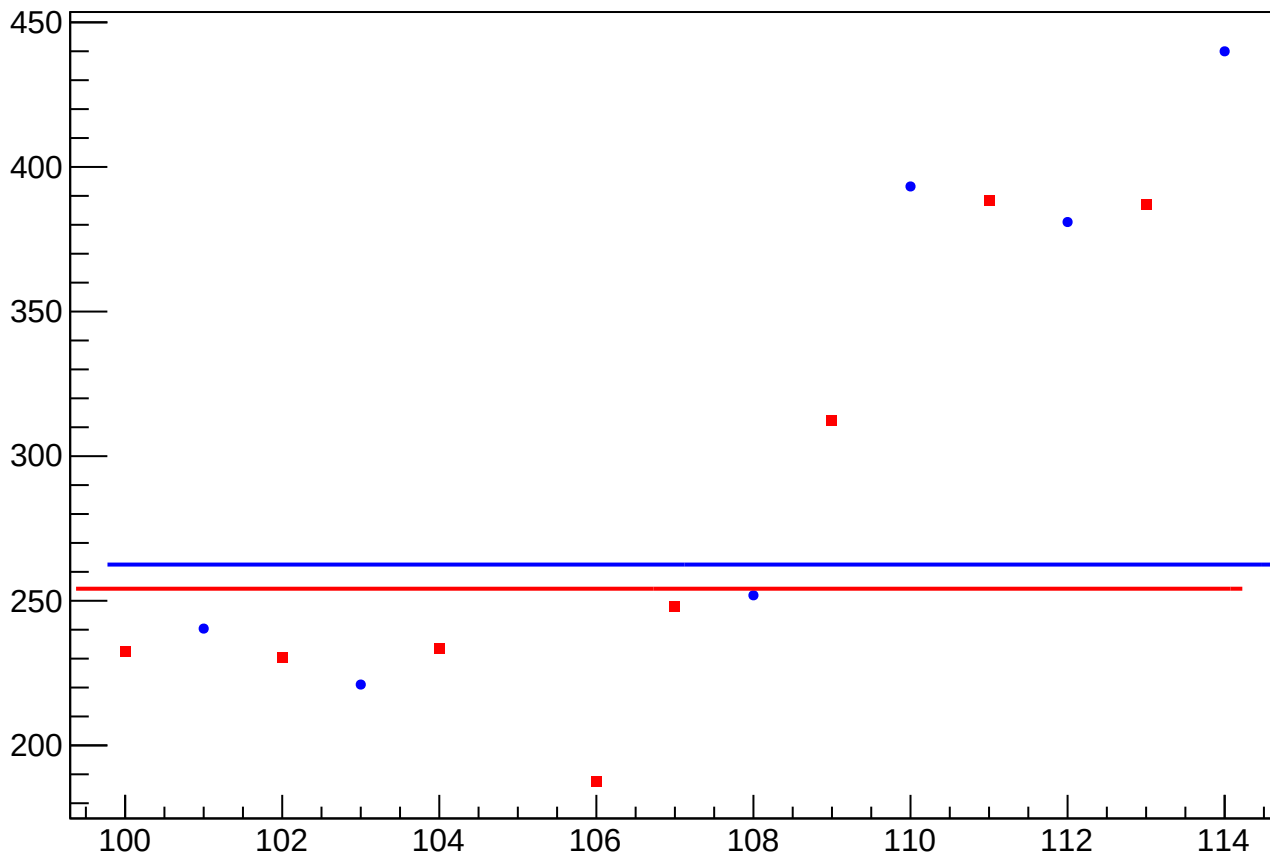
Right: -182.806+/-109.331 χ^2/NDF : 8.3/13

In: -100.486+/-165.818 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.806+/-109.331 χ^2/NDF : 8.3/13

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 262.520 ± 0.117 χ^2/NDF : 271900.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 254.171 ± 0.103 χ^2/NDF : 356876.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

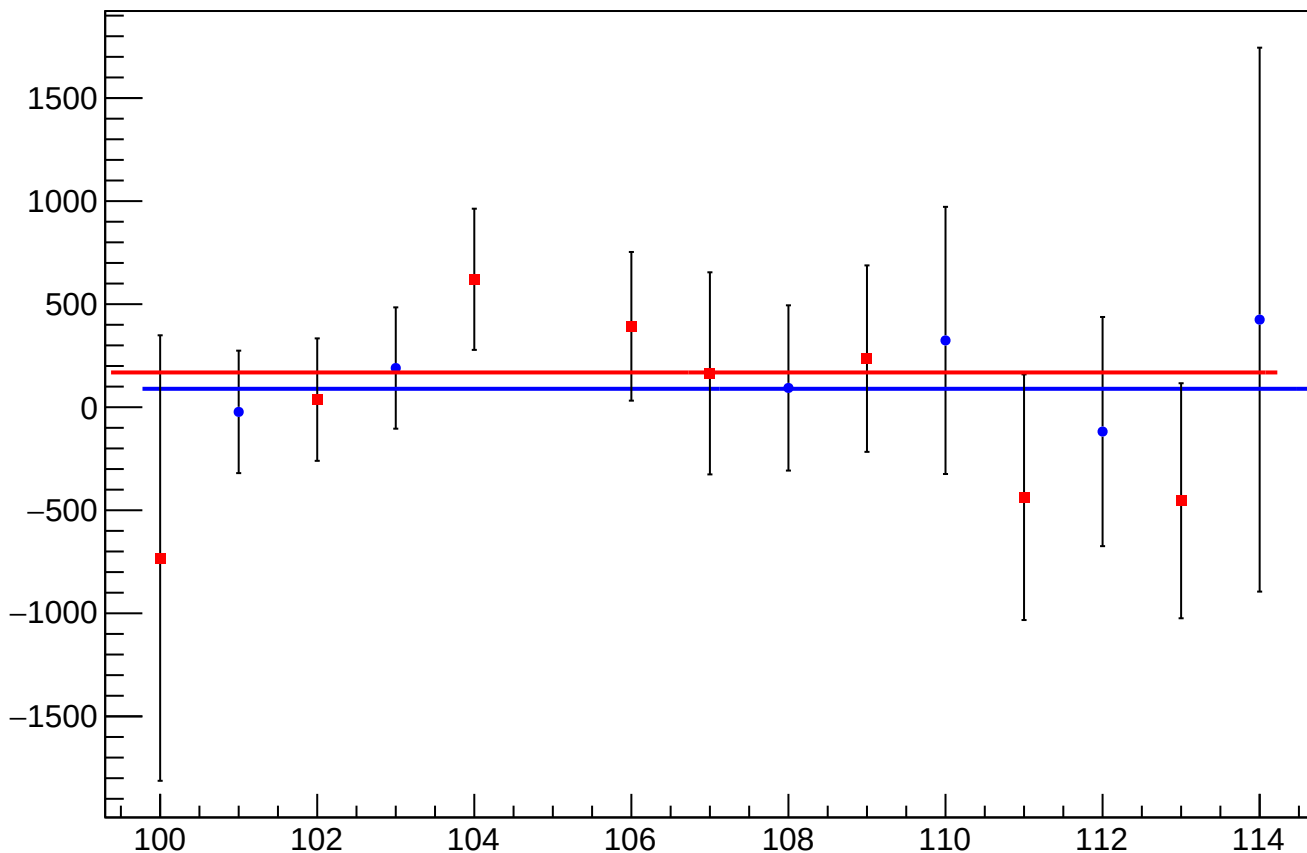
Right: 257.801 ± 0.077 χ^2/NDF : 631643.2/13

In: 262.520 ± 0.117 χ^2/NDF : 271900.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 257.801 ± 0.077 χ^2/NDF : 631643.2/13

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 89.363+/-168.352 χ^2/NDF : 0.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.674+/-151.907 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

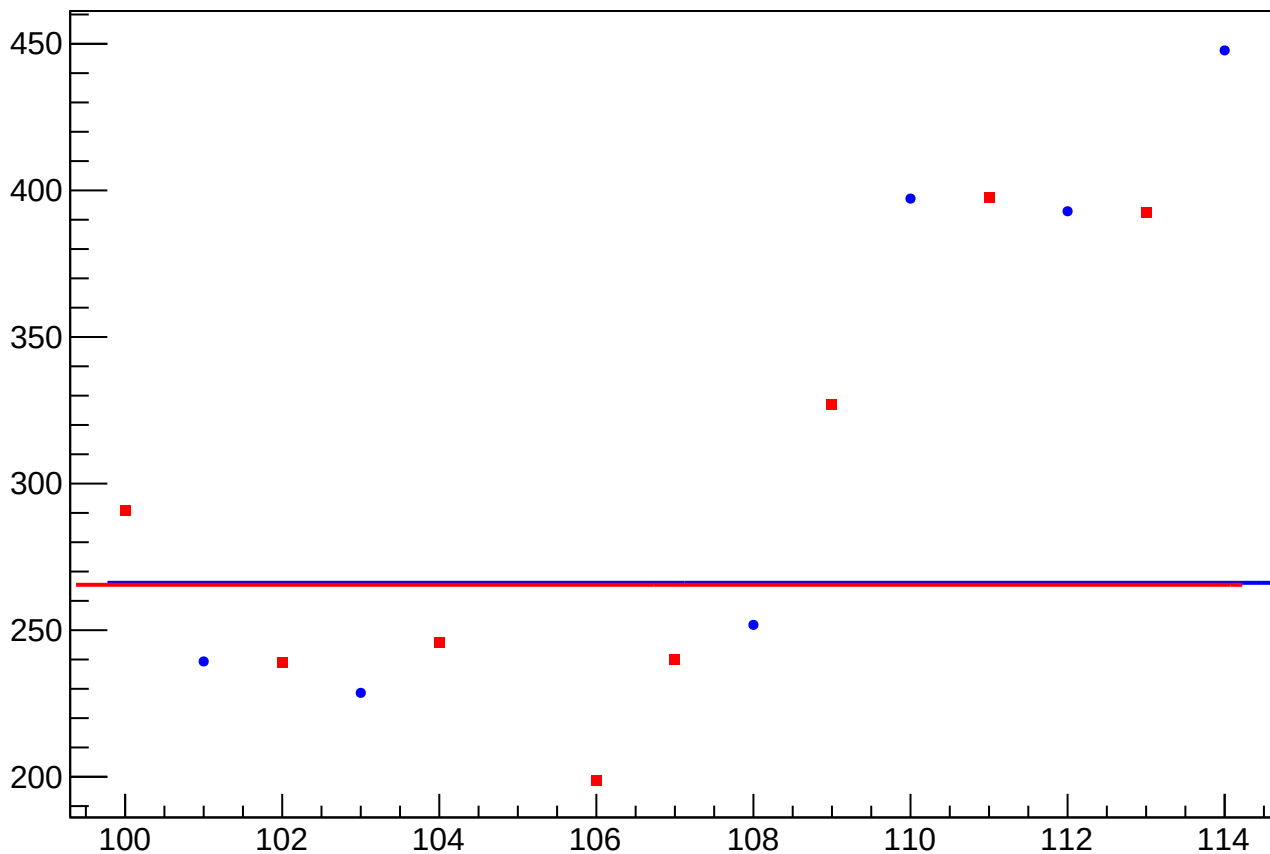
Right: 133.081+/-112.782 χ^2/NDF : 6.0/13

In: 89.363+/-168.352 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.081+/-112.782 χ^2/NDF : 6.0/13

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

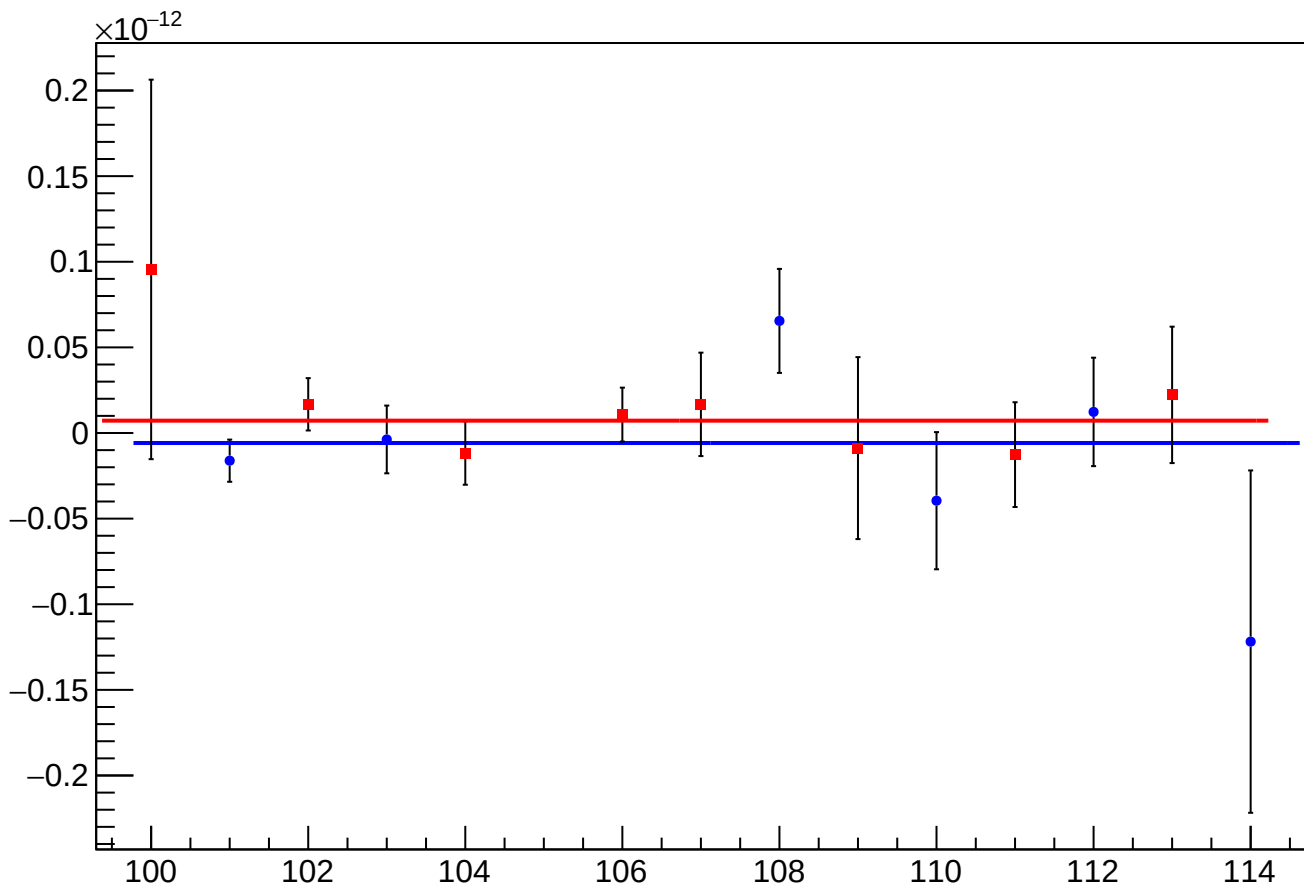
Right: 265.786+/-0.080 χ^2/NDF : 606688.9/13

In: 266.158+/-0.119 χ^2/NDF : 274932.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.786+/-0.080 χ^2/NDF : 606688.9/13

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

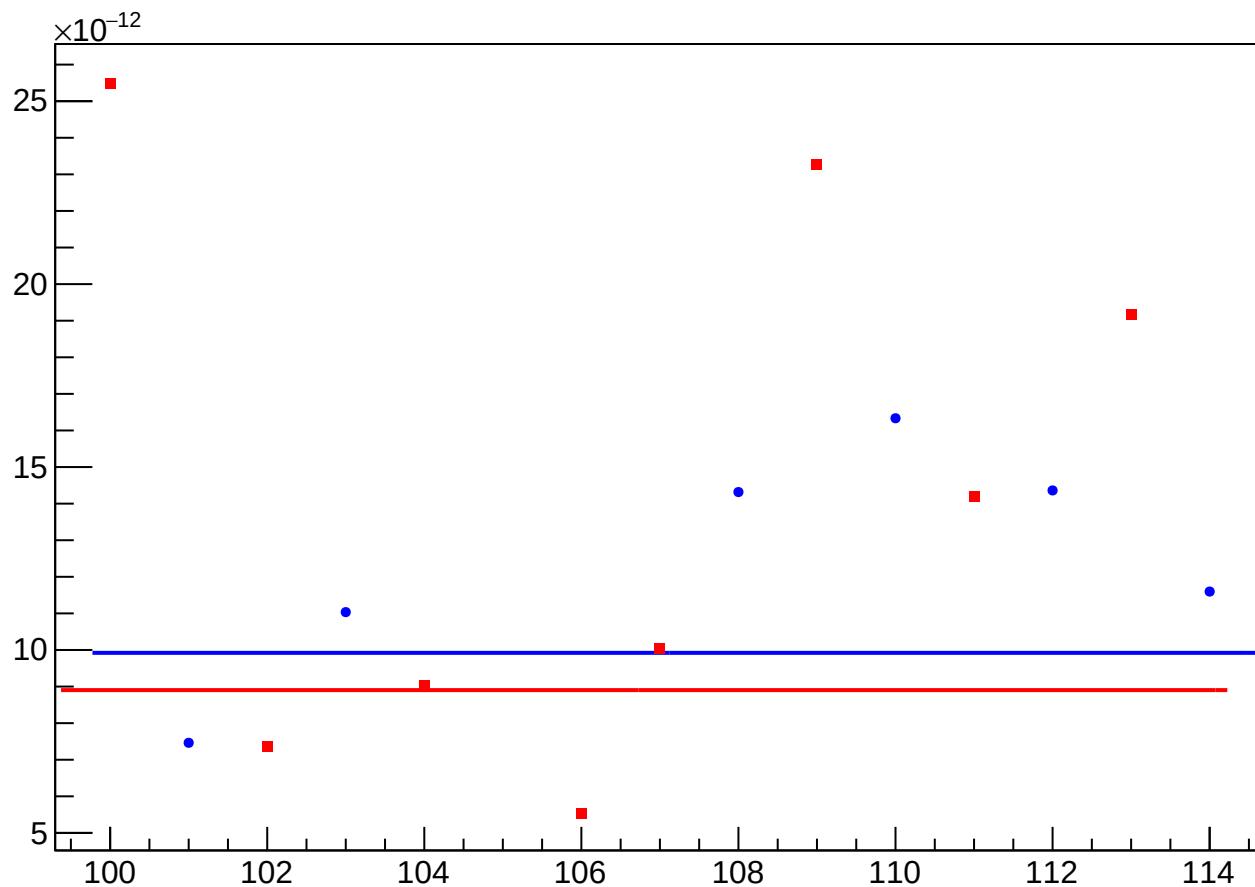
Right: 0.000+/-0.000 χ^2/NDF : 12.6/13

In: -0.000+/-0.000 χ^2/NDF : 8.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/13

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 218986.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 498416.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

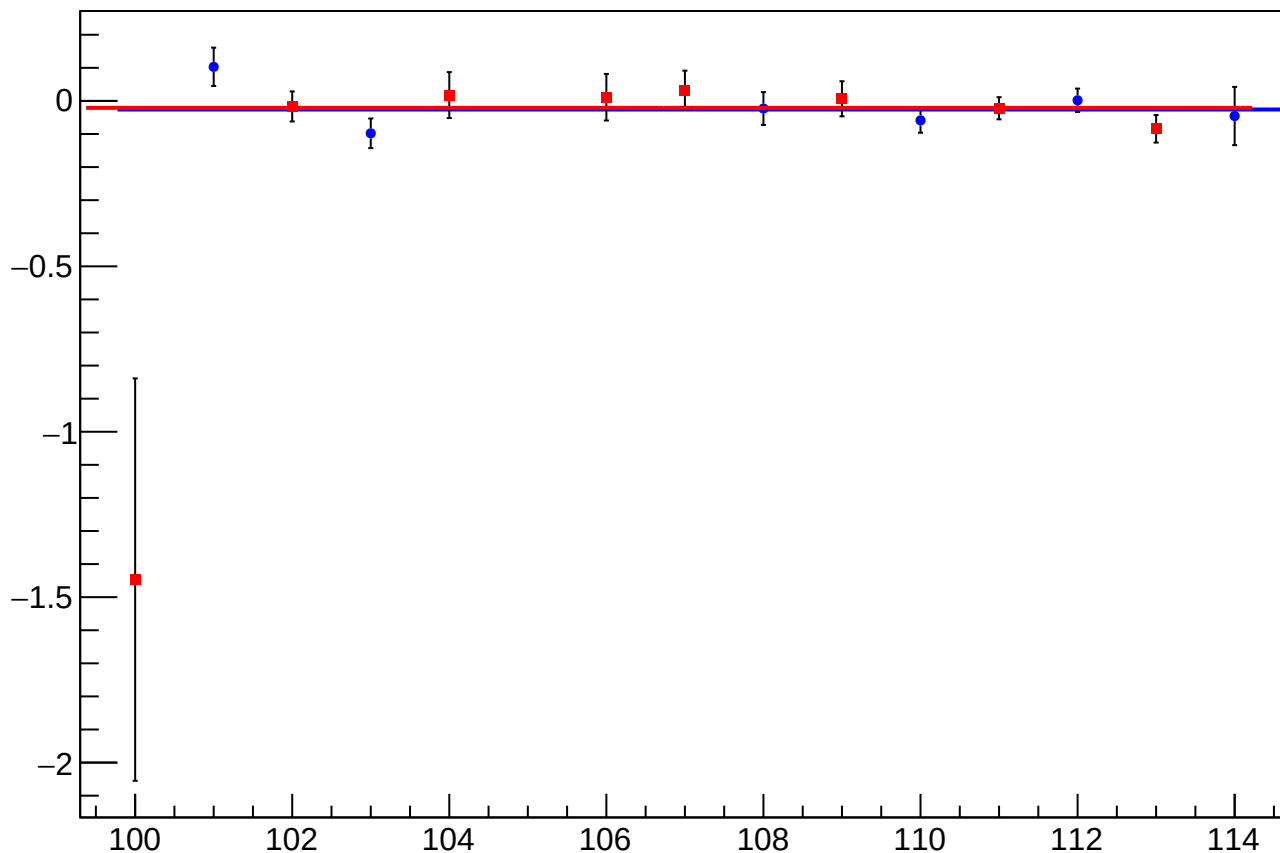
Right: 0.000+/-0.000 χ^2/NDF : 730986.5/13

In: 0.000+/-0.000 χ^2/NDF : 218986.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 730986.5/13

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.019 χ^2 /NDF: 9.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

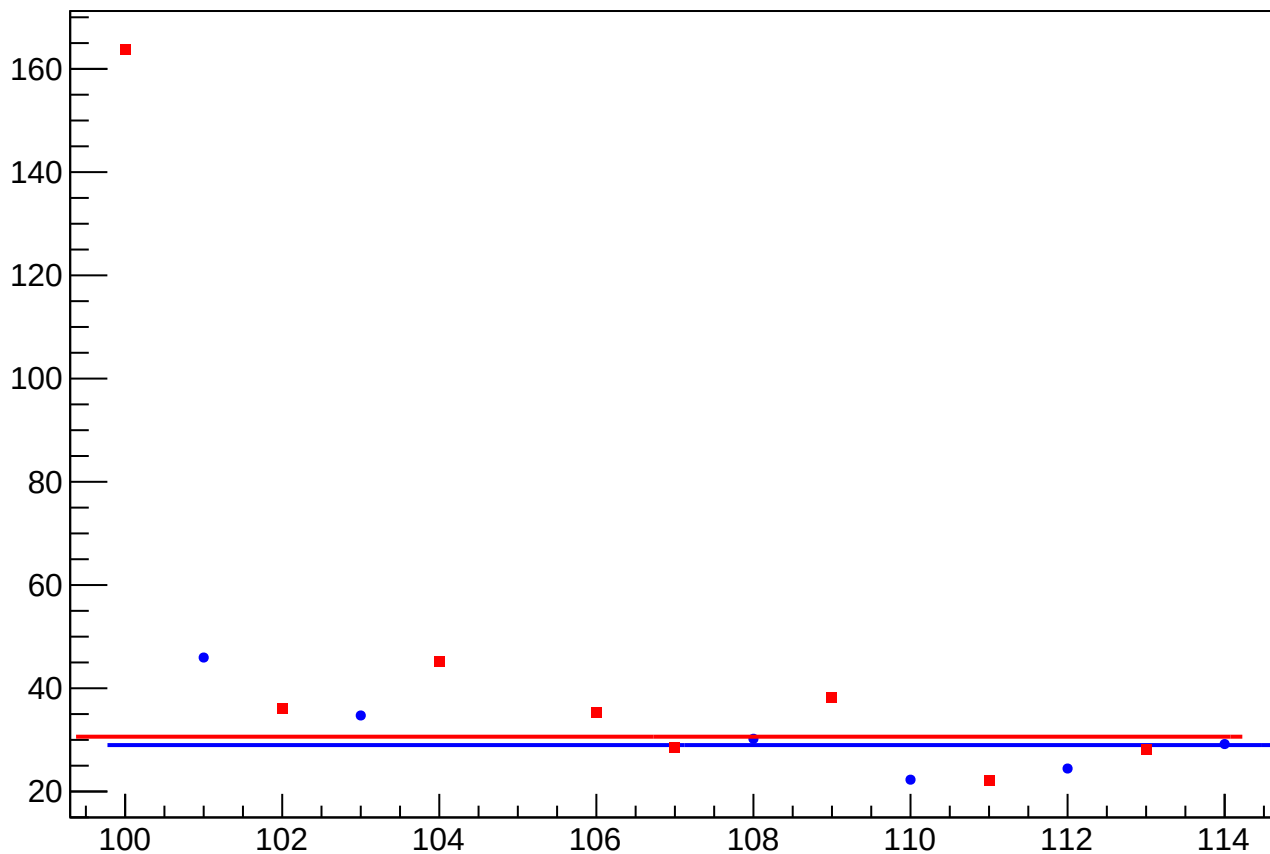
Right: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.5/13

In: -0.026 $\pm$ 0.019 χ^2 /NDF:9.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.5/13

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

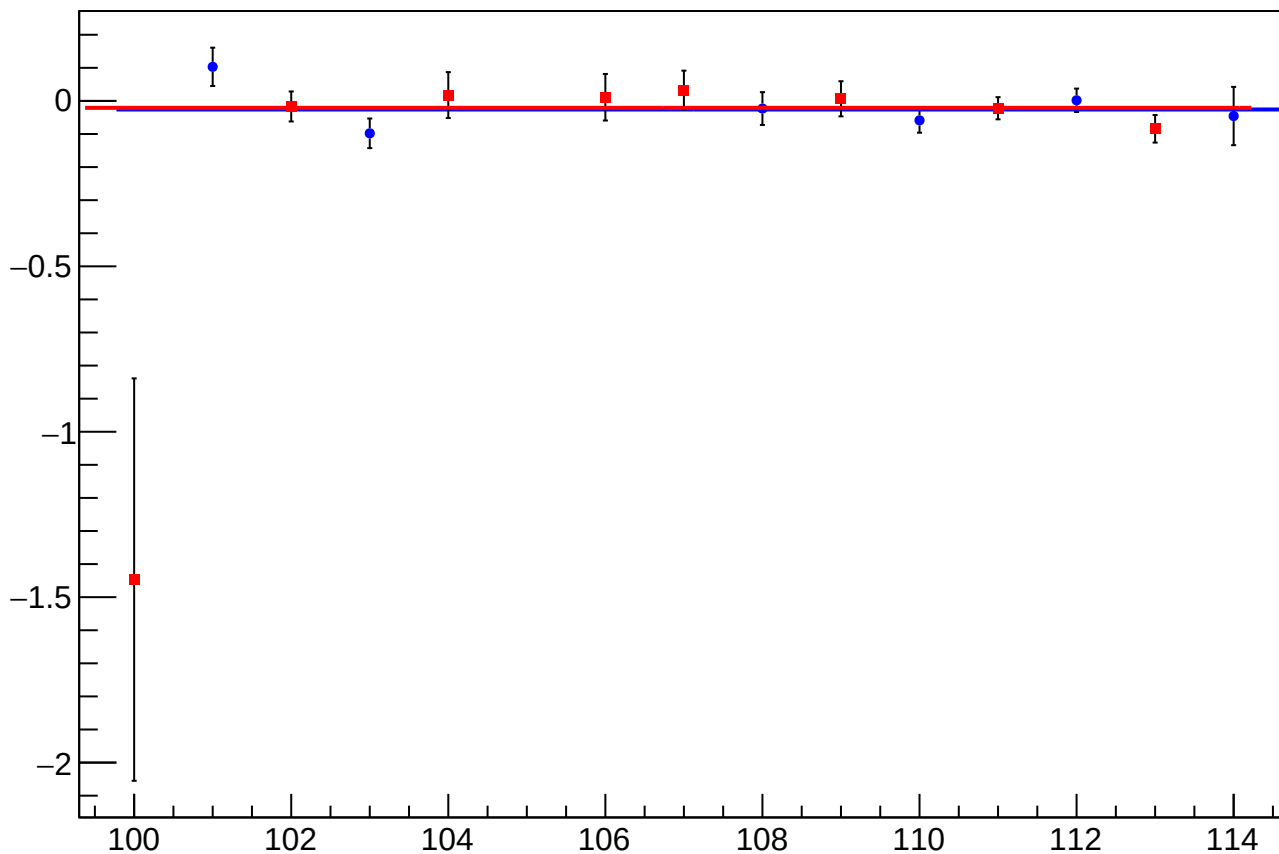
Right: 29.827 $\pm$ 0.009 χ^2 /NDF: 712006.6/13

In: 28.992 $\pm$ 0.013 χ^2 /NDF:302747.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.827 $\pm$ 0.009 χ^2 /NDF: 712006.6/13

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.019 χ^2 /NDF: 9.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

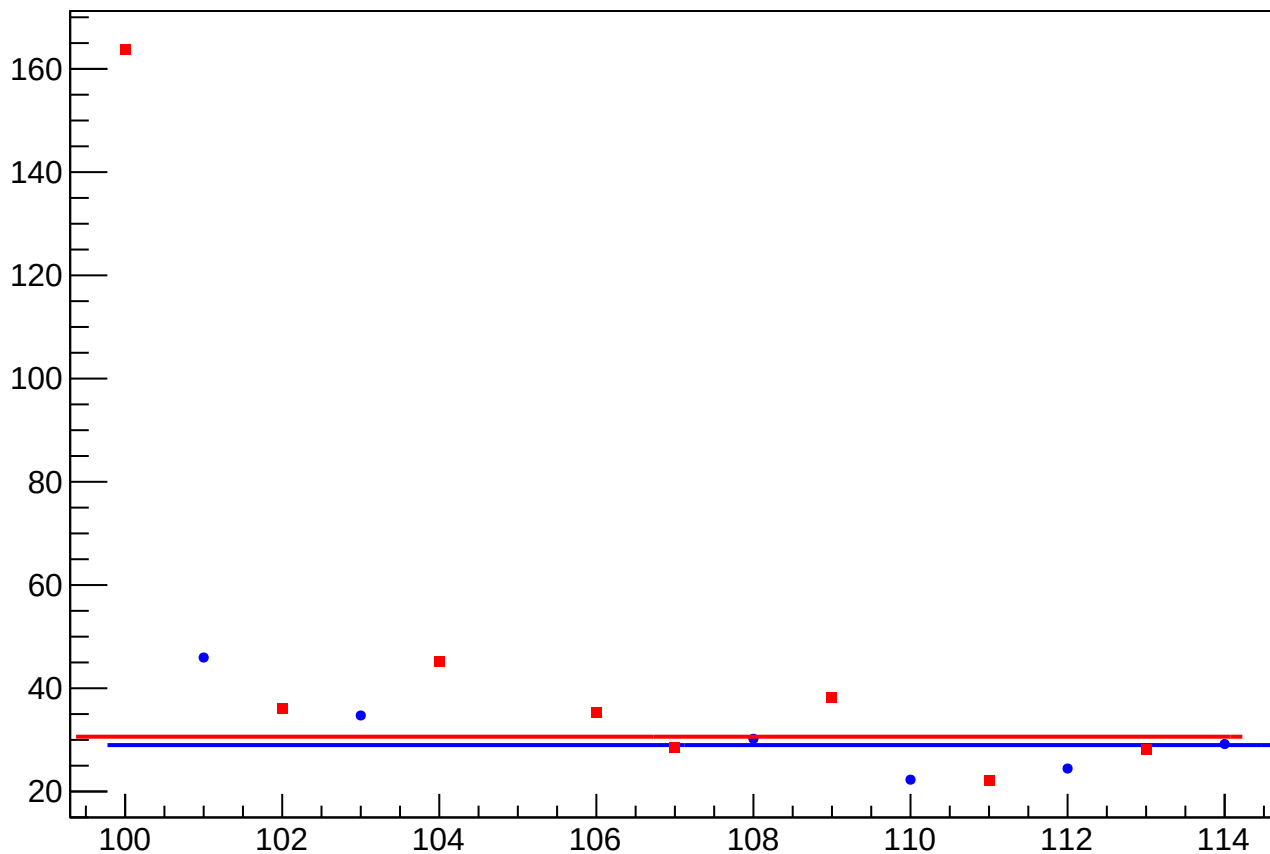
Right: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.5/13

In: -0.026 $\pm$ 0.019 χ^2 /NDF:9.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.5/13

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

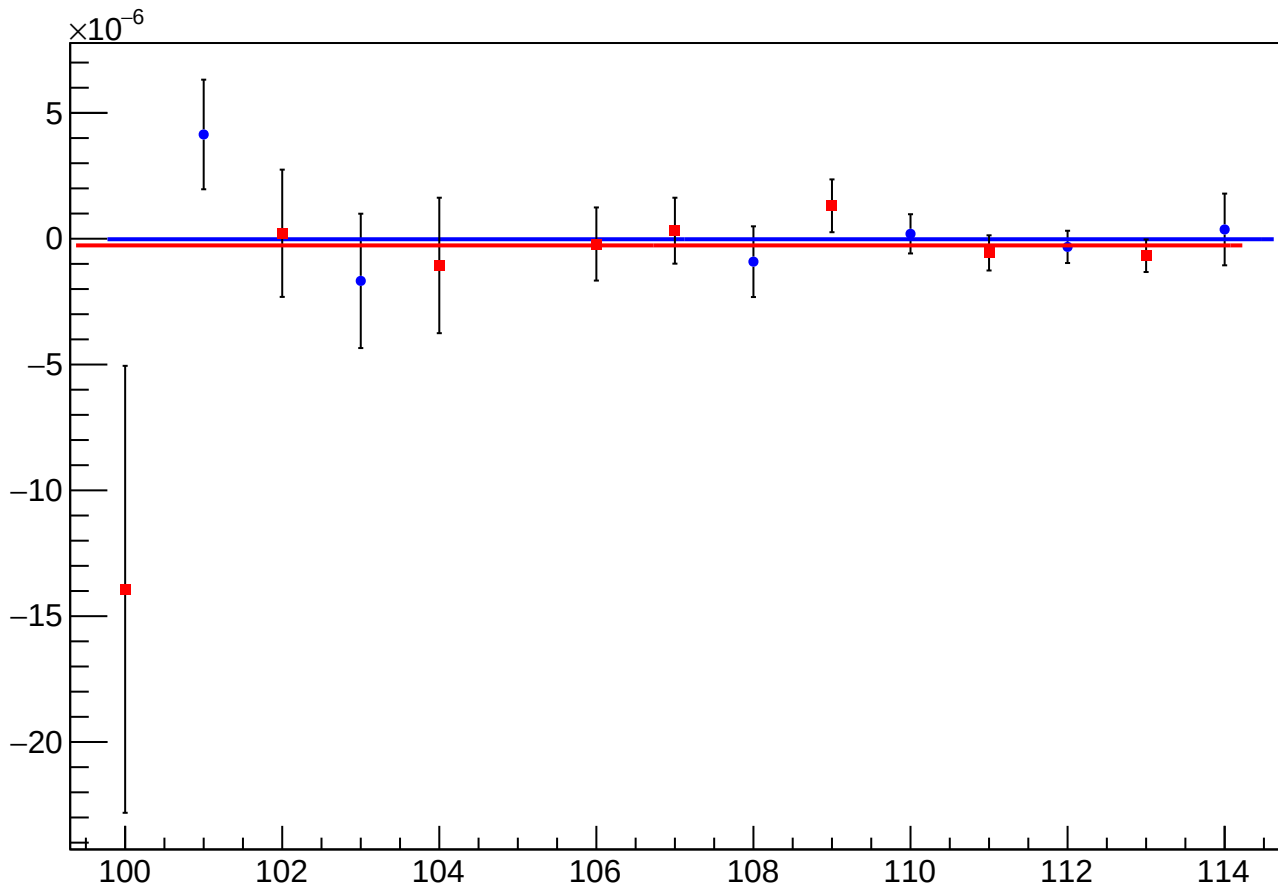
Right: 29.827 $\pm$ 0.009 χ^2 /NDF: 712006.6/13

In: 28.992 $\pm$ 0.013 χ^2 /NDF:302747.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.827 $\pm$ 0.009 χ^2 /NDF: 712006.6/13

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

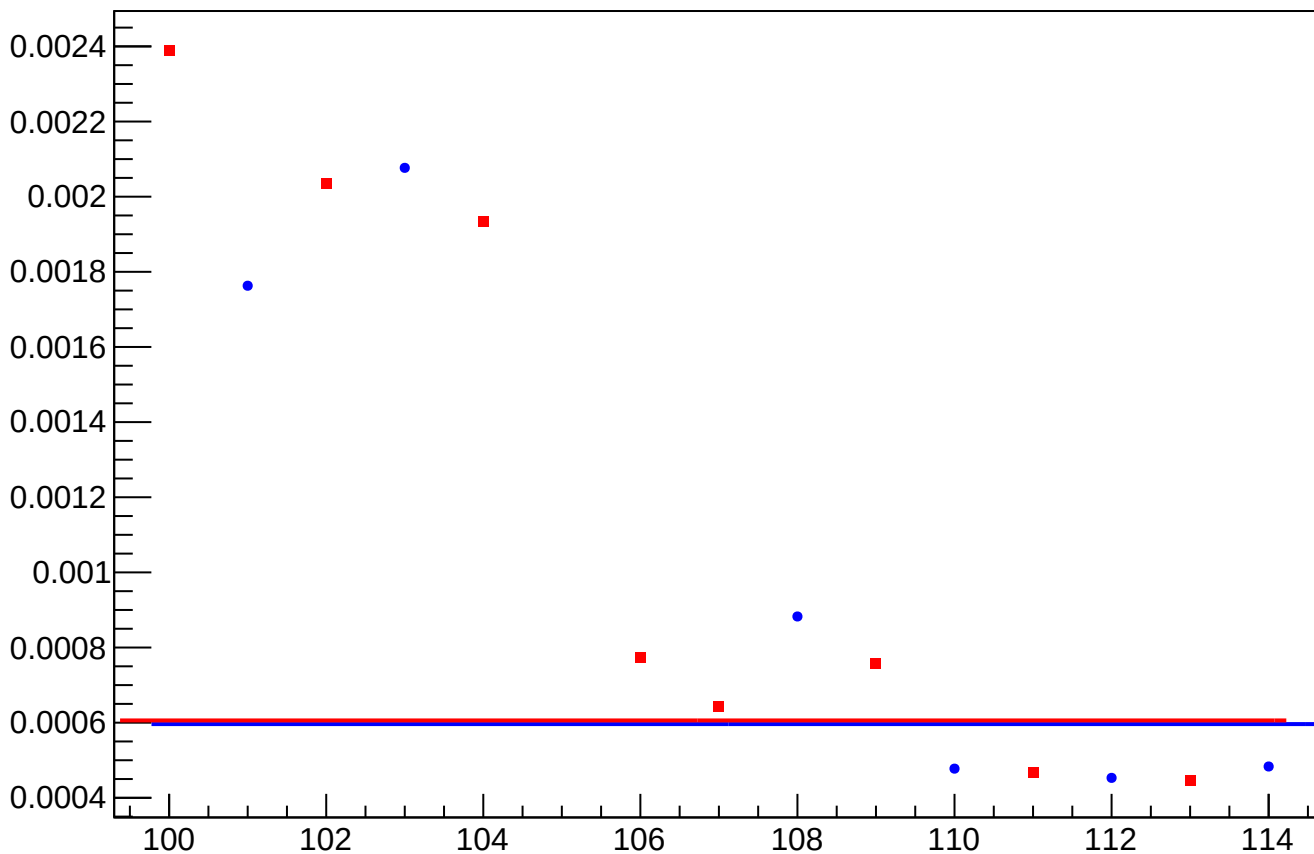
Right: -0.000+/-0.000 χ^2/NDF : 10.5/13

In: -0.000+/-0.000 χ^2/NDF : 4.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/13

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

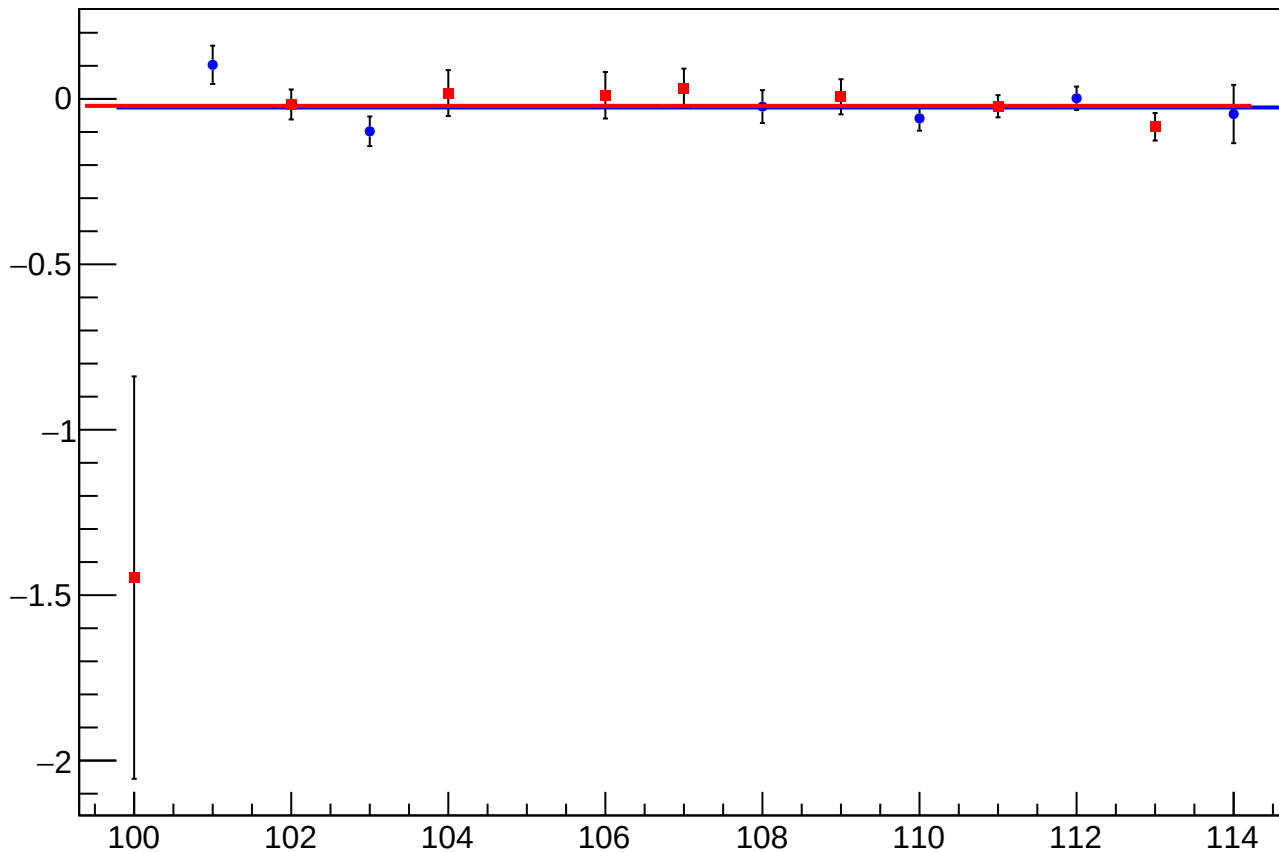
Right: 0.001+/-0.000 χ^2/NDF : 2909677.8/13

In: 0.001+/-0.000 χ^2/NDF :1430807.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2909677.8/13

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.019 χ^2 /NDF: 9.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

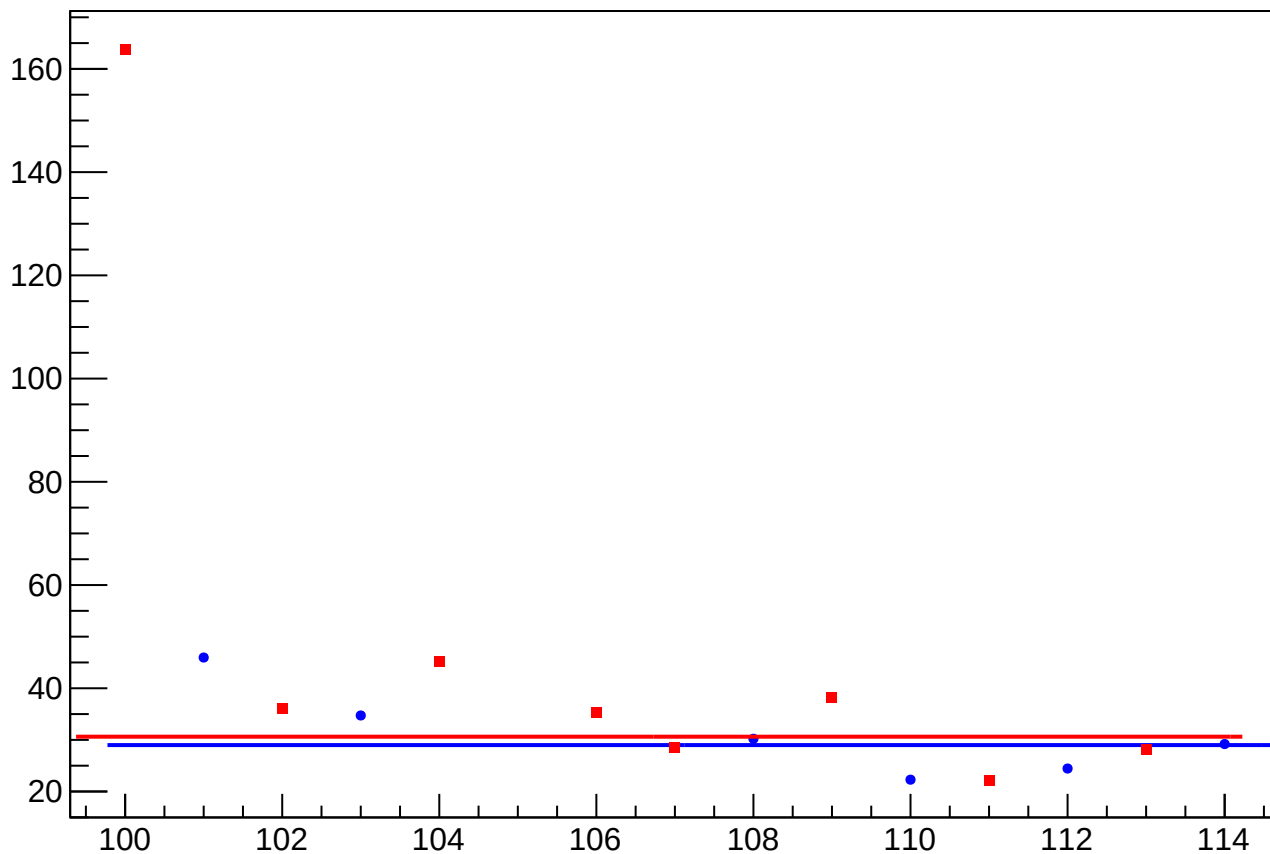
Right: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.5/13

In: -0.026 $\pm$ 0.019 χ^2 /NDF:9.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.5/13

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.992+/-0.013 χ^2/NDF : 302762.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.618+/-0.013 χ^2/NDF : 401530.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

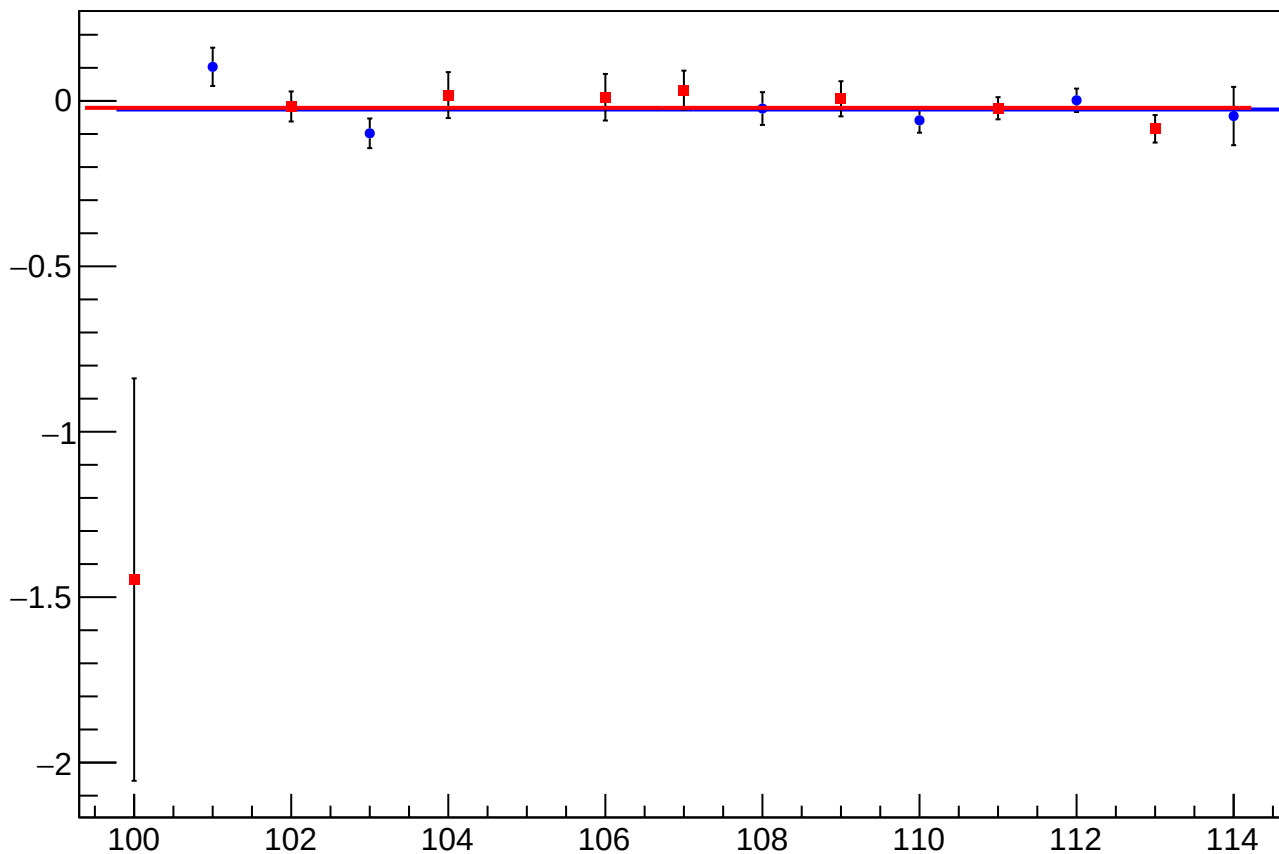
Right: 29.828+/-0.009 χ^2/NDF : 712034.0/13

In: 28.992+/-0.013 χ^2/NDF : 302762.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.828+/-0.009 χ^2/NDF : 712034.0/13

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

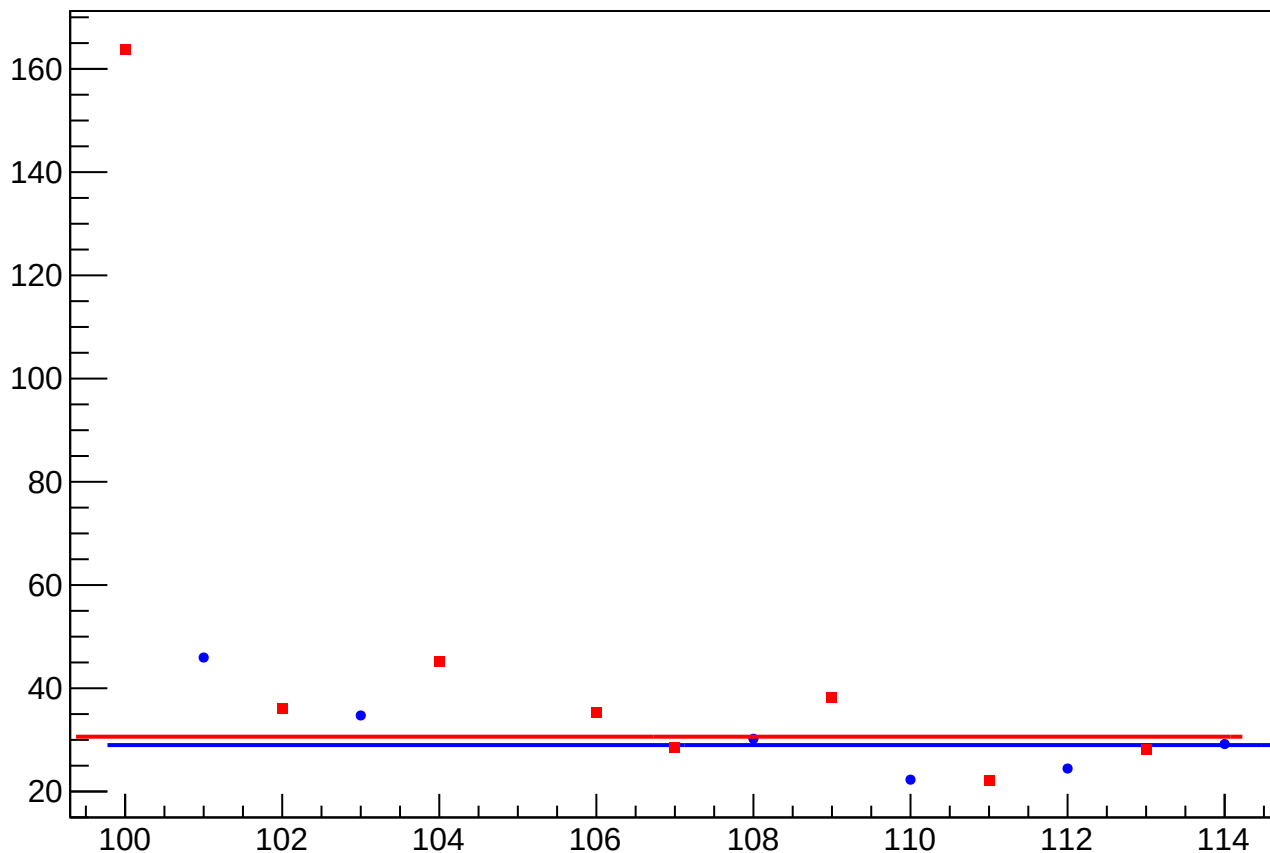
Right: -0.023 ± 0.013 χ^2/NDF : 18.5/13

In: -0.026 ± 0.019 χ^2/NDF : 9.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.013 χ^2/NDF : 18.5/13

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.992+/-0.013 χ^2/NDF : 302762.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.618+/-0.013 χ^2/NDF : 401530.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

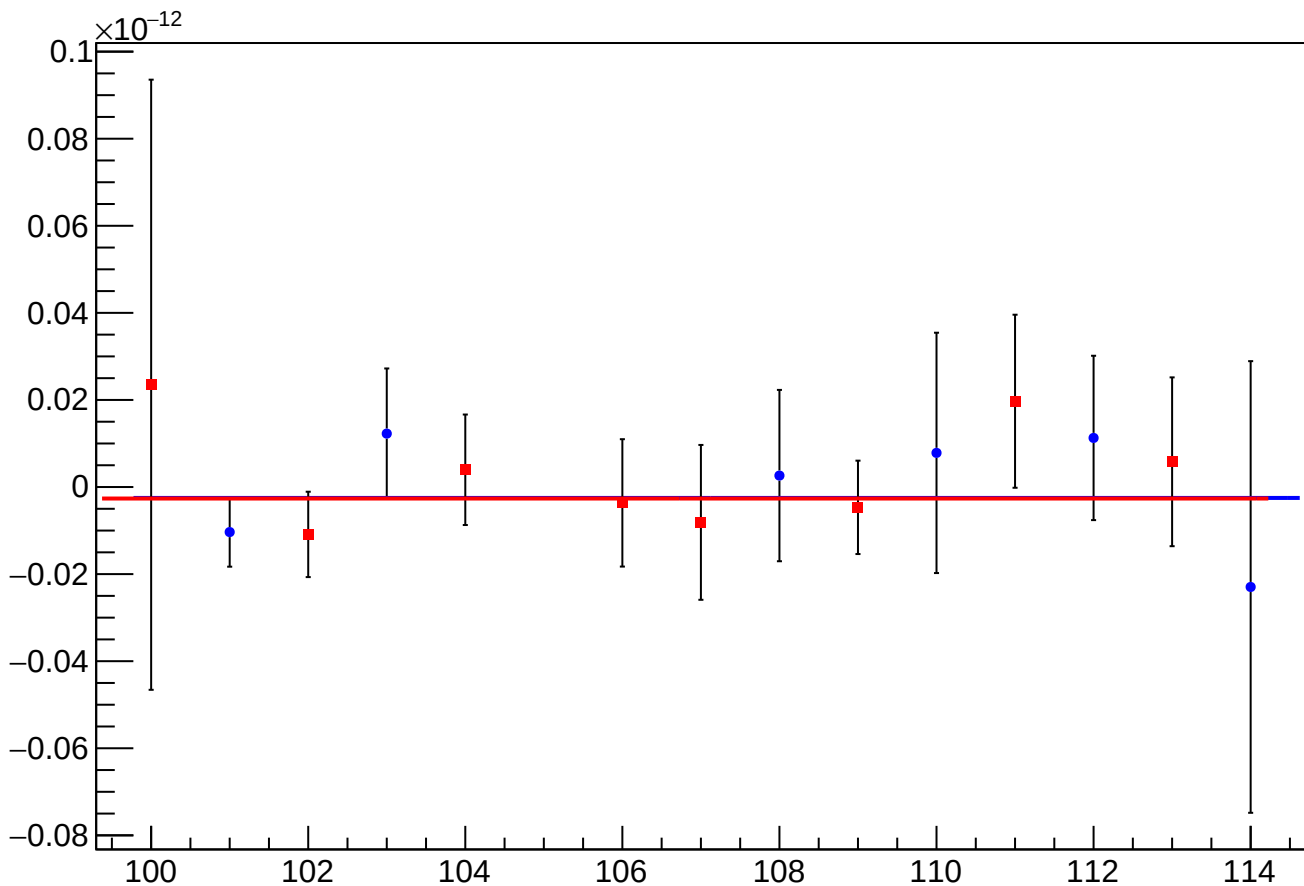
Right: 29.828+/-0.009 χ^2/NDF : 712034.0/13

In: 28.992+/-0.013 χ^2/NDF : 302762.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.828+/-0.009 χ^2/NDF : 712034.0/13

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 2.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

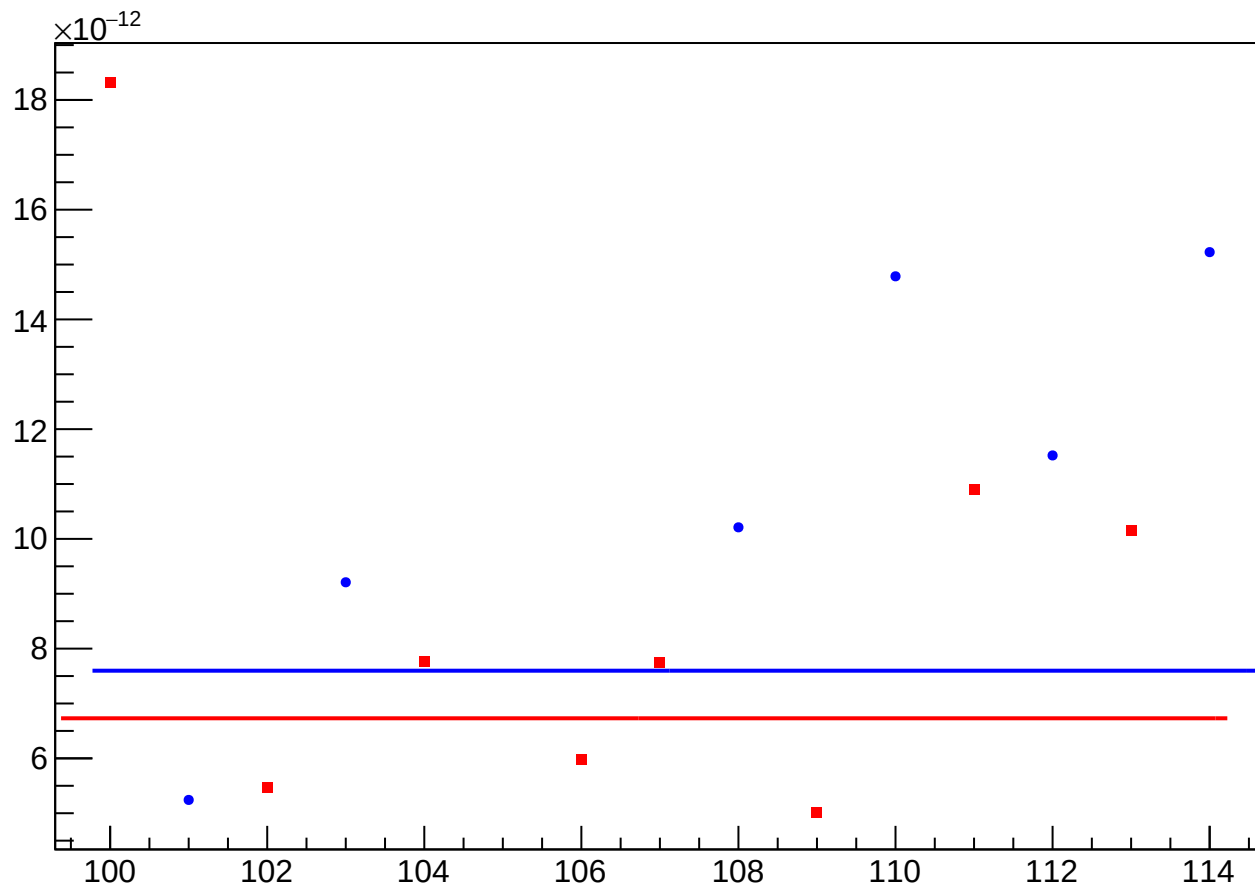
Right: -0.000+/-0.000 χ^2 /NDF: 5.5/13

In: -0.000+/-0.000 χ^2 /NDF:2.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.5/13

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

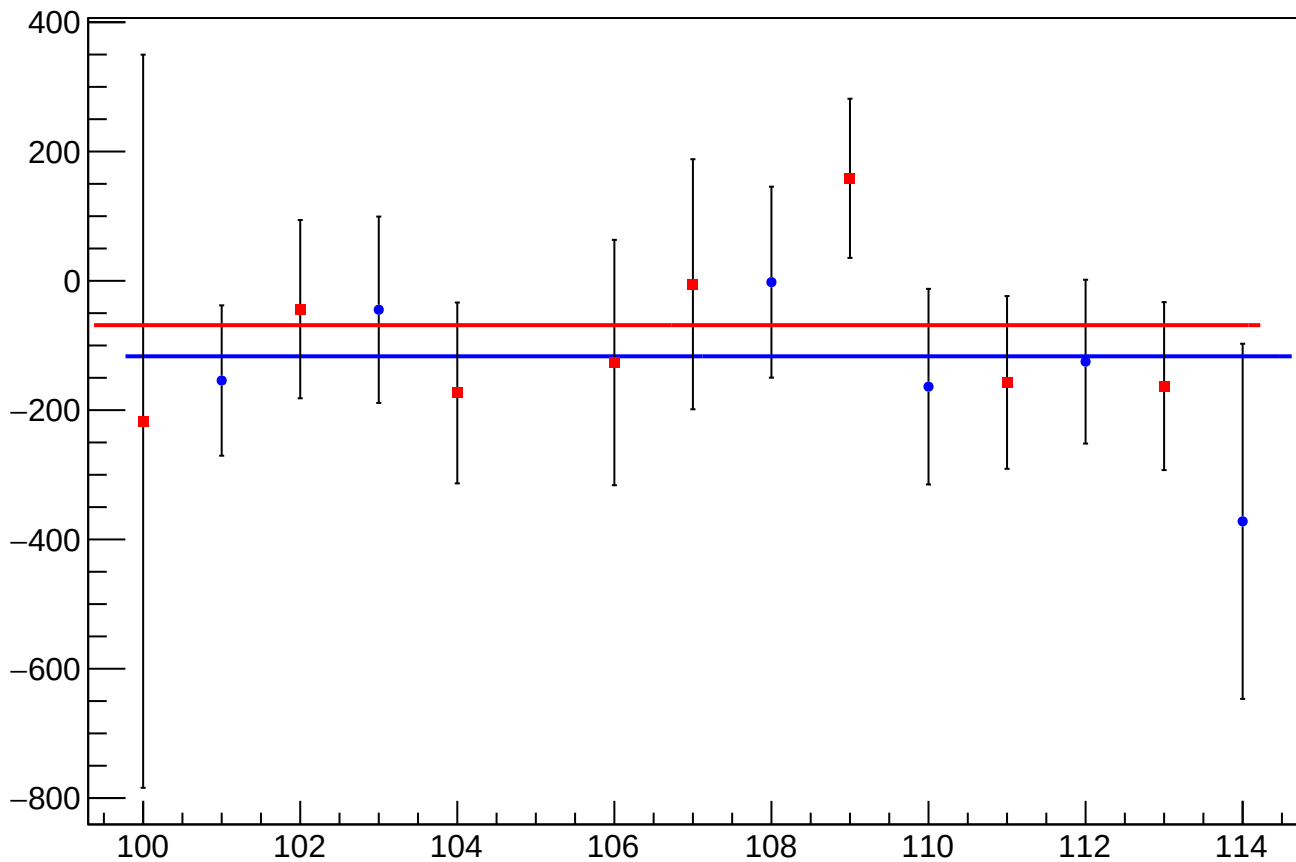
Right: 0.000+/-0.000 χ^2/NDF : 838829.0/13

In: 0.000+/-0.000 χ^2/NDF : 499197.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 838829.0/13

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

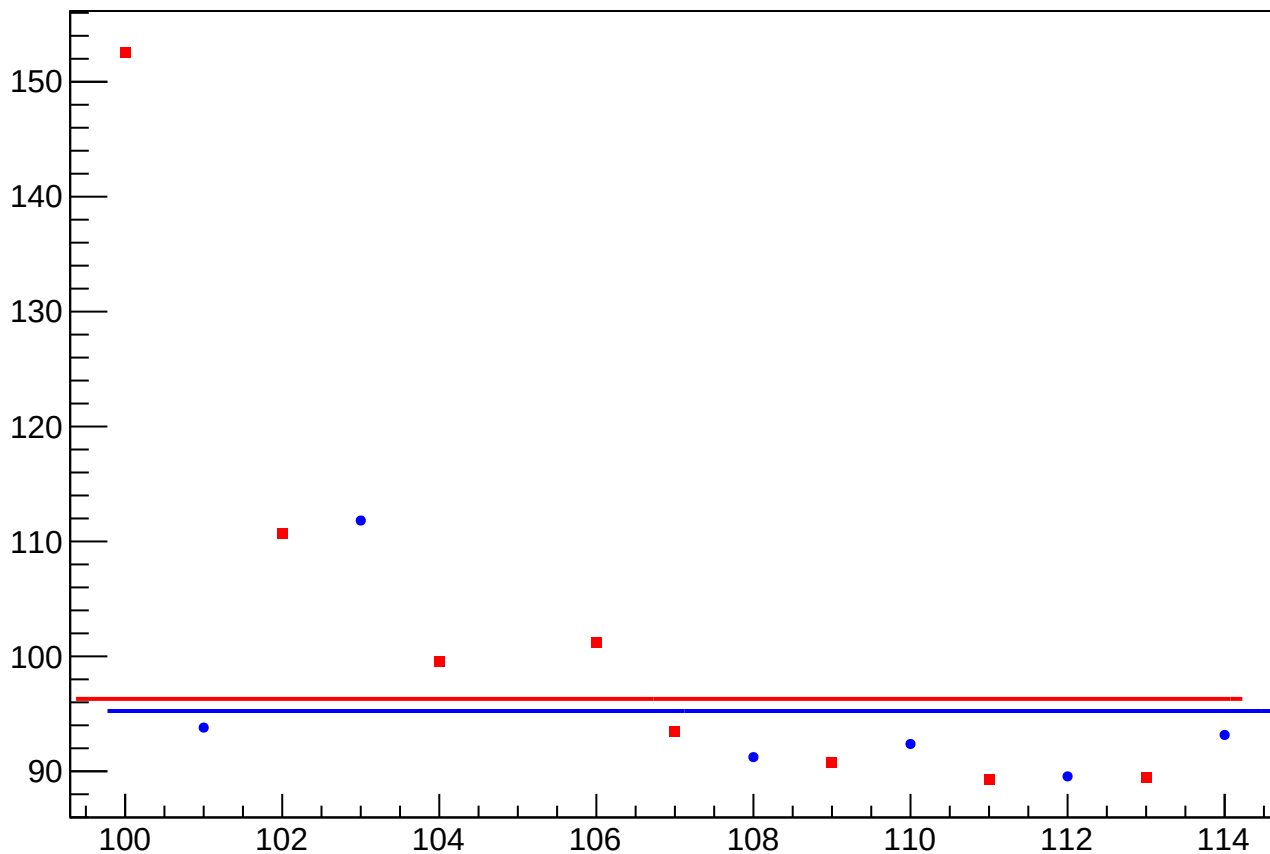
Right: -90.523+/-39.846 χ^2/NDF : 7.5/13

In: -116.728+/-59.006 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.523+/-39.846 χ^2/NDF : 7.5/13

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

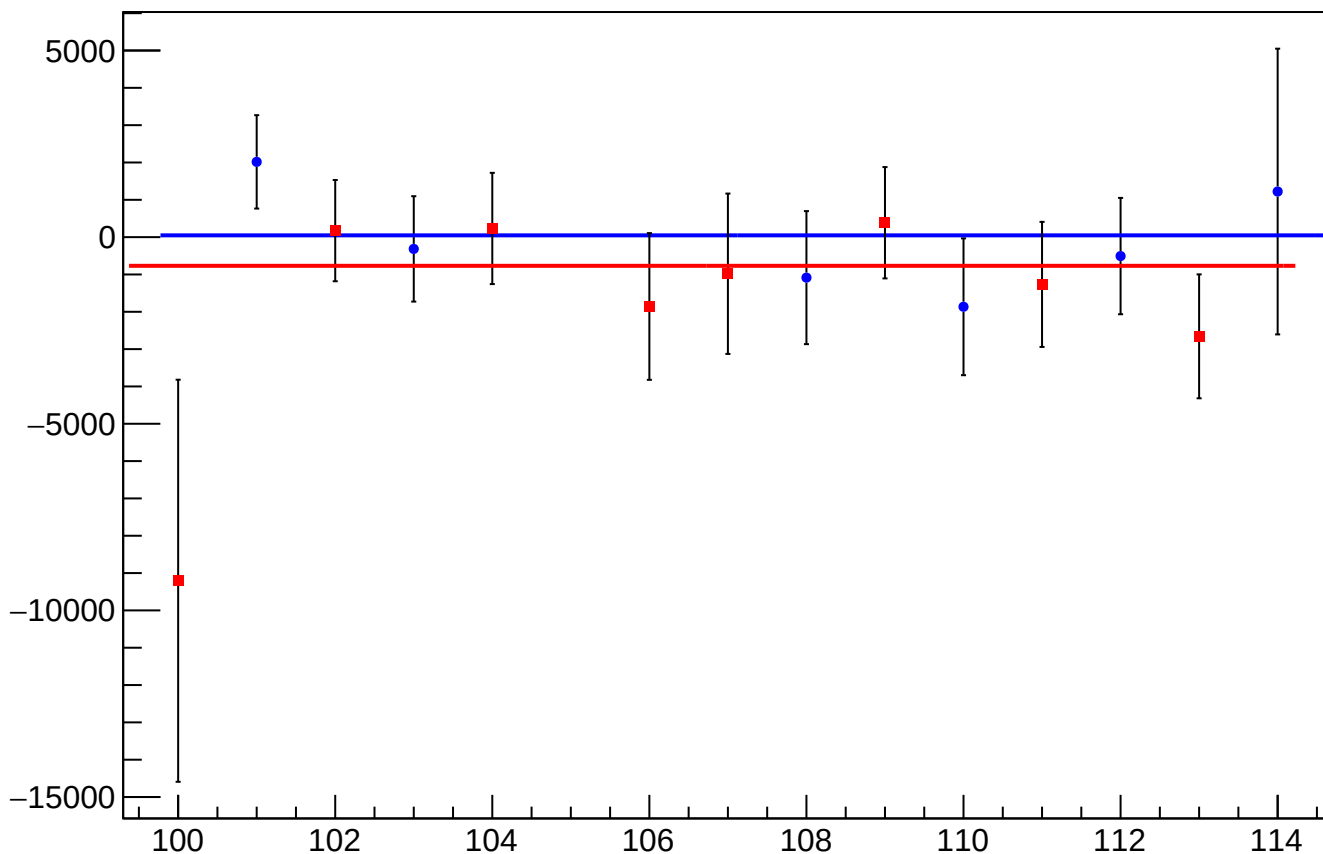
Right: 95.819+/-0.028 χ^2/NDF : 93069.7/13

In: 95.245+/-0.042 χ^2/NDF : 33111.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.819+/-0.028 χ^2/NDF : 93069.7/13

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

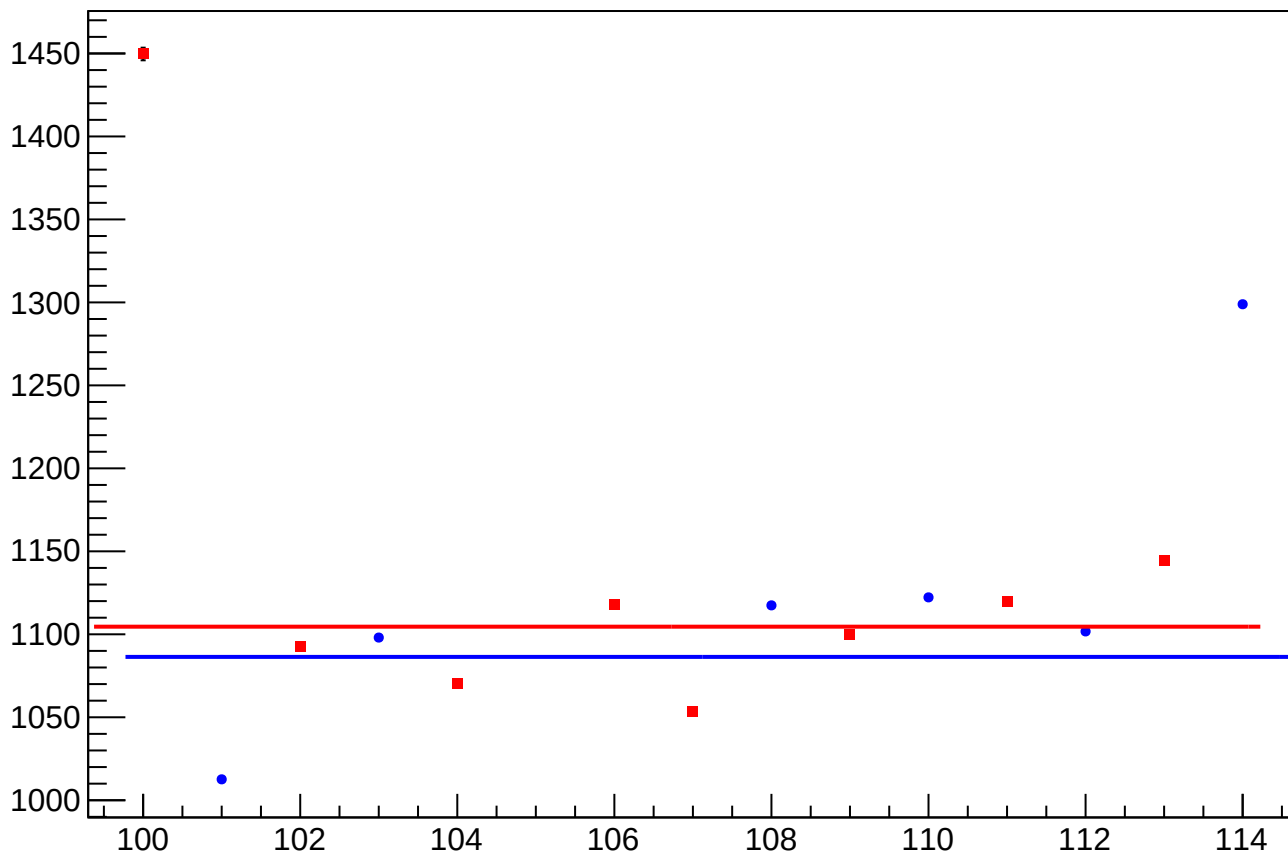
Right: -396.539+/-451.493 χ^2/NDF : 10.8/13

In: 48.228+/-669.230 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.539+/-451.493 χ^2/NDF : 10.8/13

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1086.383 $\pm$ 0.473 χ^2 /NDF: 14820.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1104.593 $\pm$ 0.433 χ^2 /NDF: 11954.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

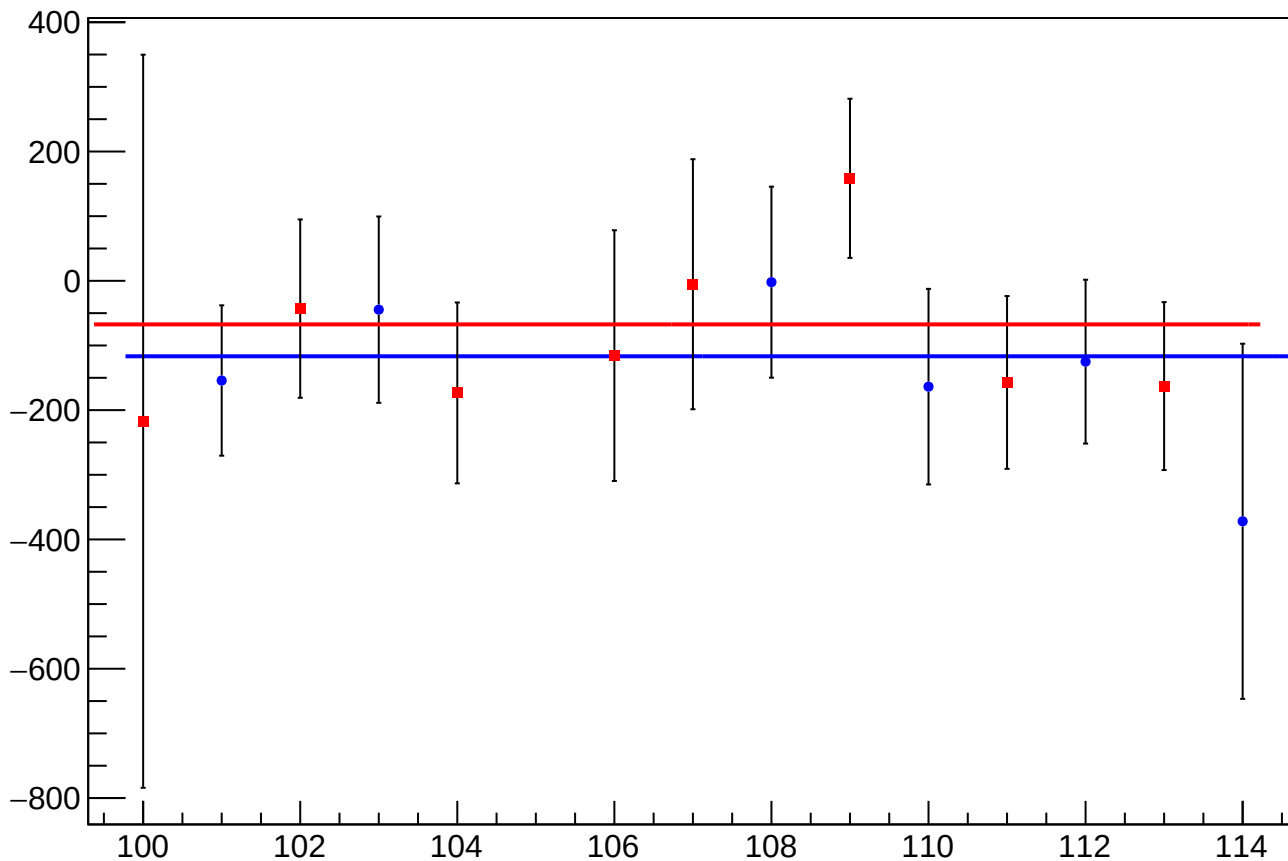
Right: 1096.305 $\pm$ 0.319 χ^2 /NDF: 27582.1/13

In: 1086.383 $\pm$ 0.473 χ^2 /NDF:14820.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1096.305 $\pm$ 0.319 χ^2 /NDF: 27582.1/13

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

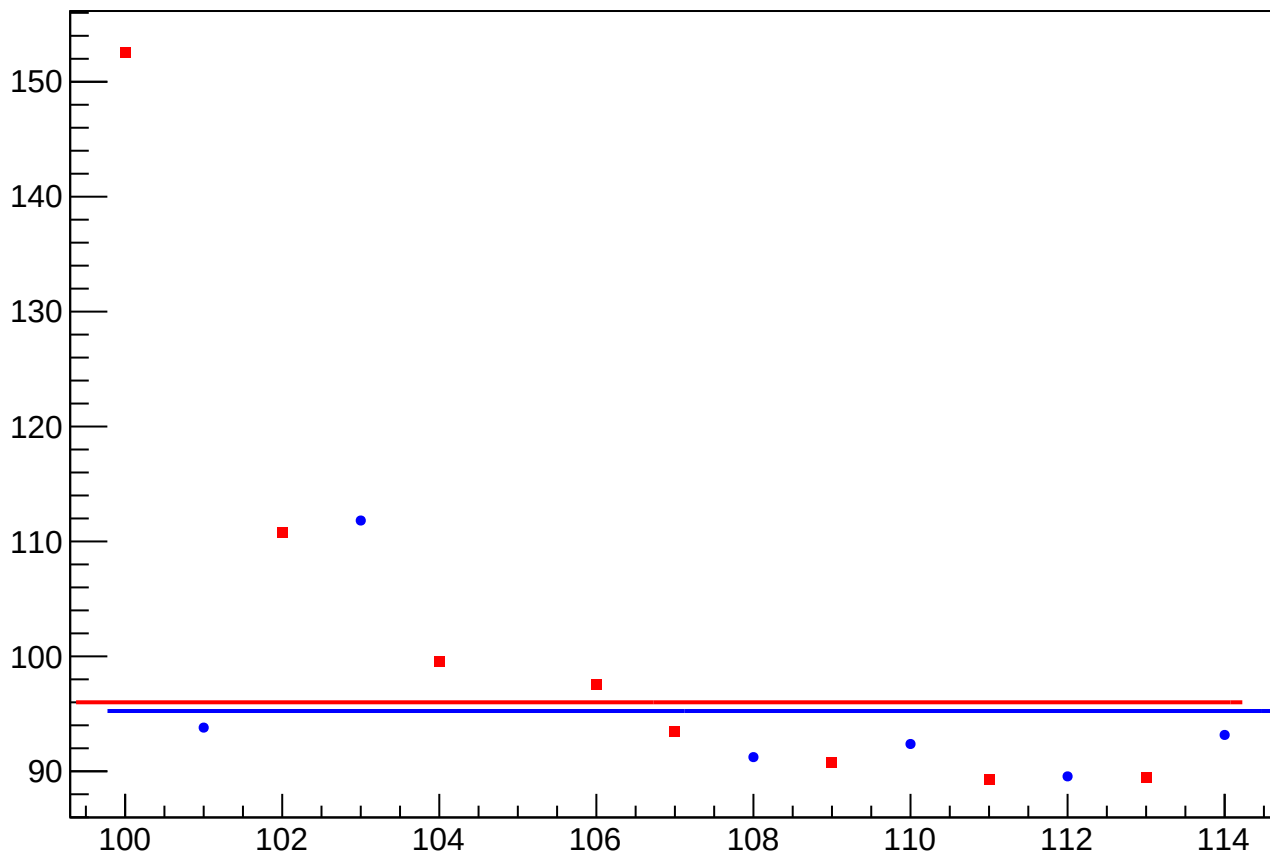
Right: -89.926 $\pm$ 39.885 χ^2 /NDF: 7.5/13

In: -116.706 $\pm$ 59.007 χ^2 /NDF:1.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -89.926 $\pm$ 39.885 χ^2 /NDF: 7.5/13

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 95.245+/-0.042 χ^2/NDF : 33112.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.003+/-0.038 χ^2/NDF : 58445.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

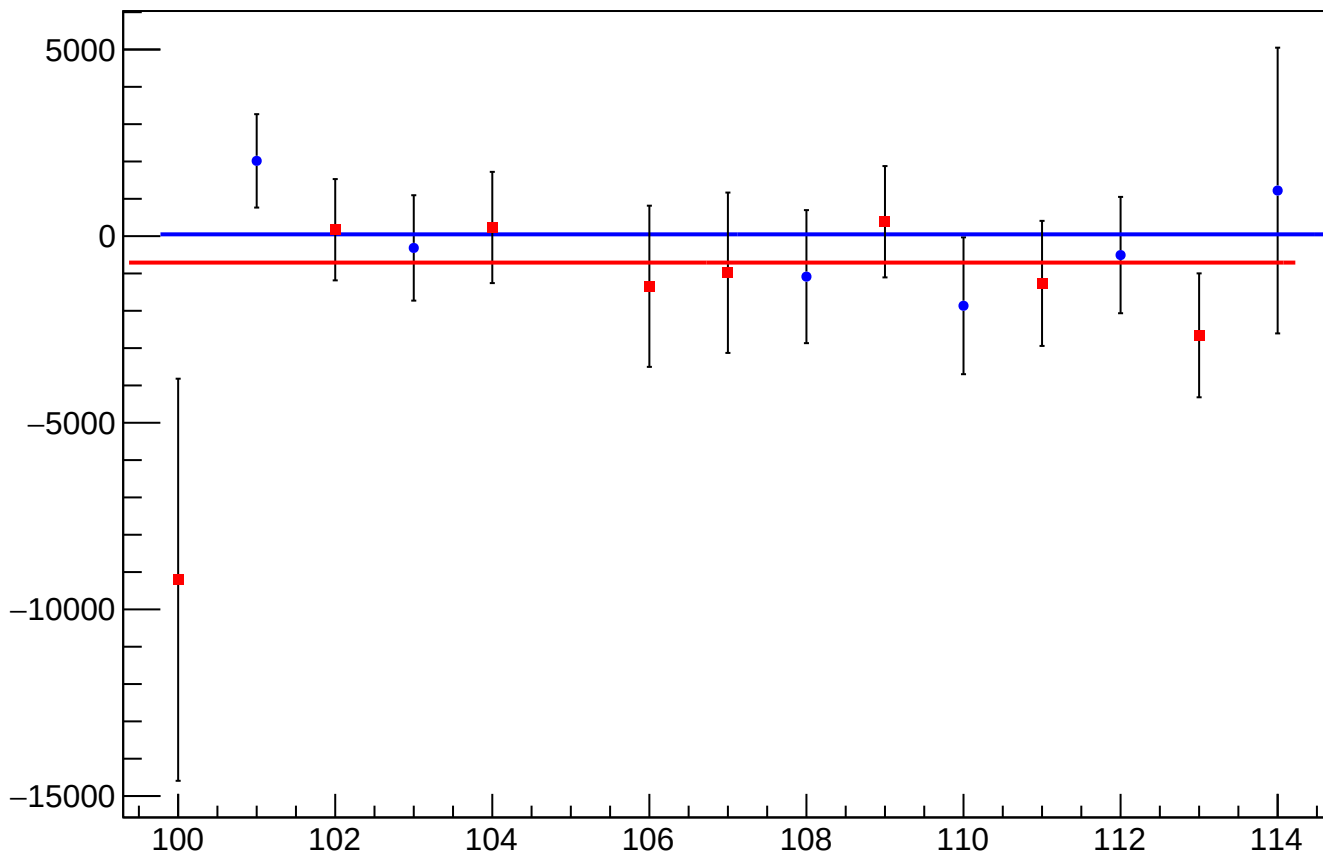
Right: 95.657+/-0.028 χ^2/NDF : 91737.1/13

In: 95.245+/-0.042 χ^2/NDF : 33112.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.657+/-0.028 χ^2/NDF : 91737.1/13

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

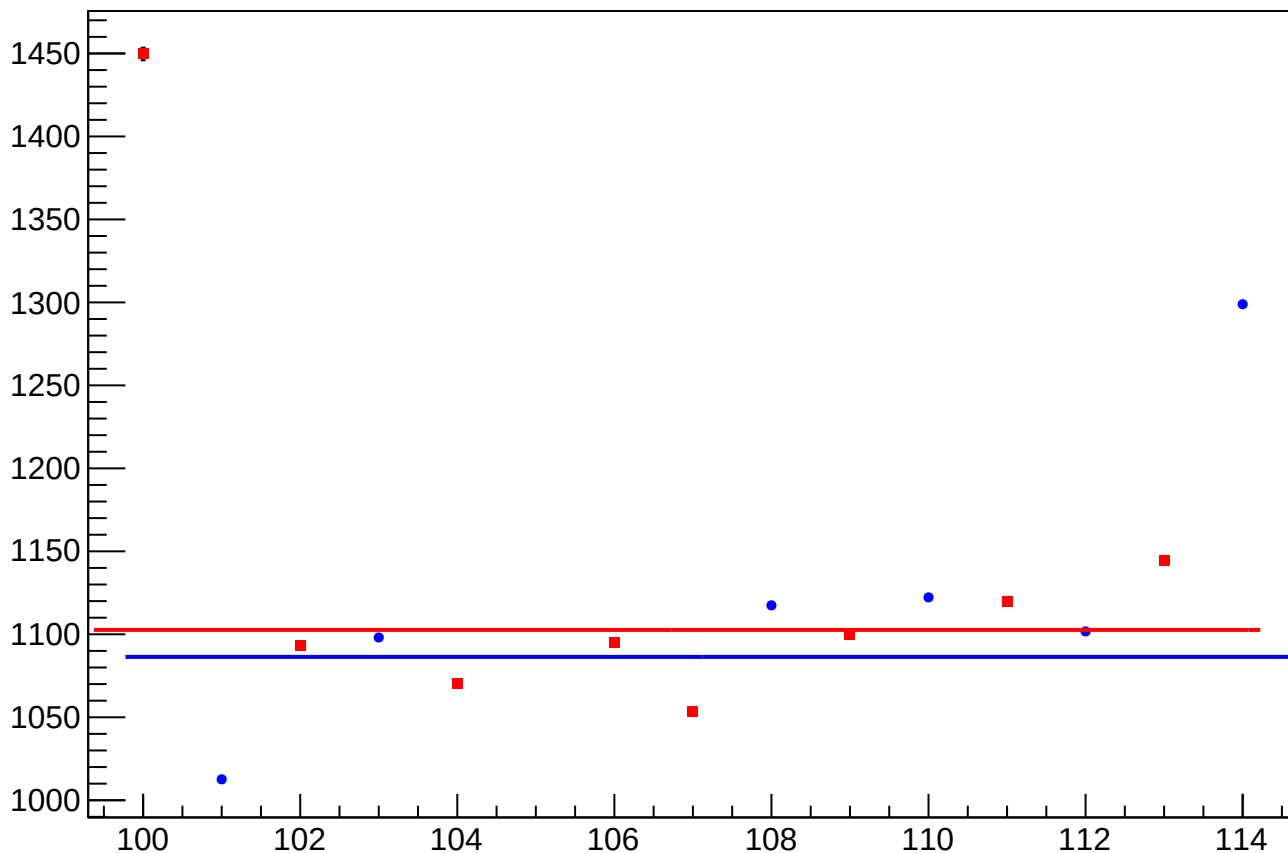
Right: -360.989+/-453.583 χ^2/NDF : 10.4/13

In: 48.122+/-669.238 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -360.989+/-453.583 χ^2/NDF : 10.4/13

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

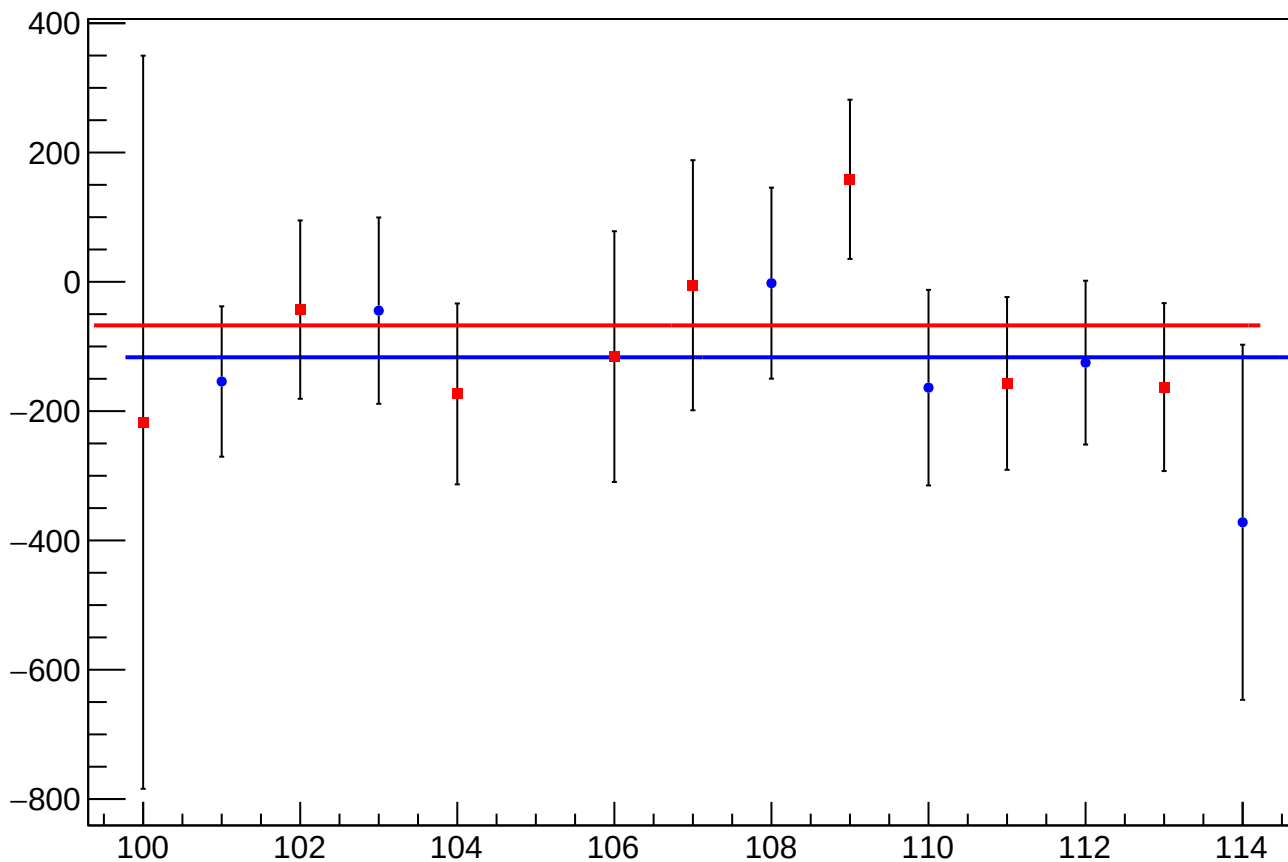
Right: 1095.182+/-0.321 χ^2/NDF : 27328.2/13

In: 1086.395+/-0.473 χ^2/NDF : 14822.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.182+/-0.321 χ^2/NDF : 27328.2/13

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

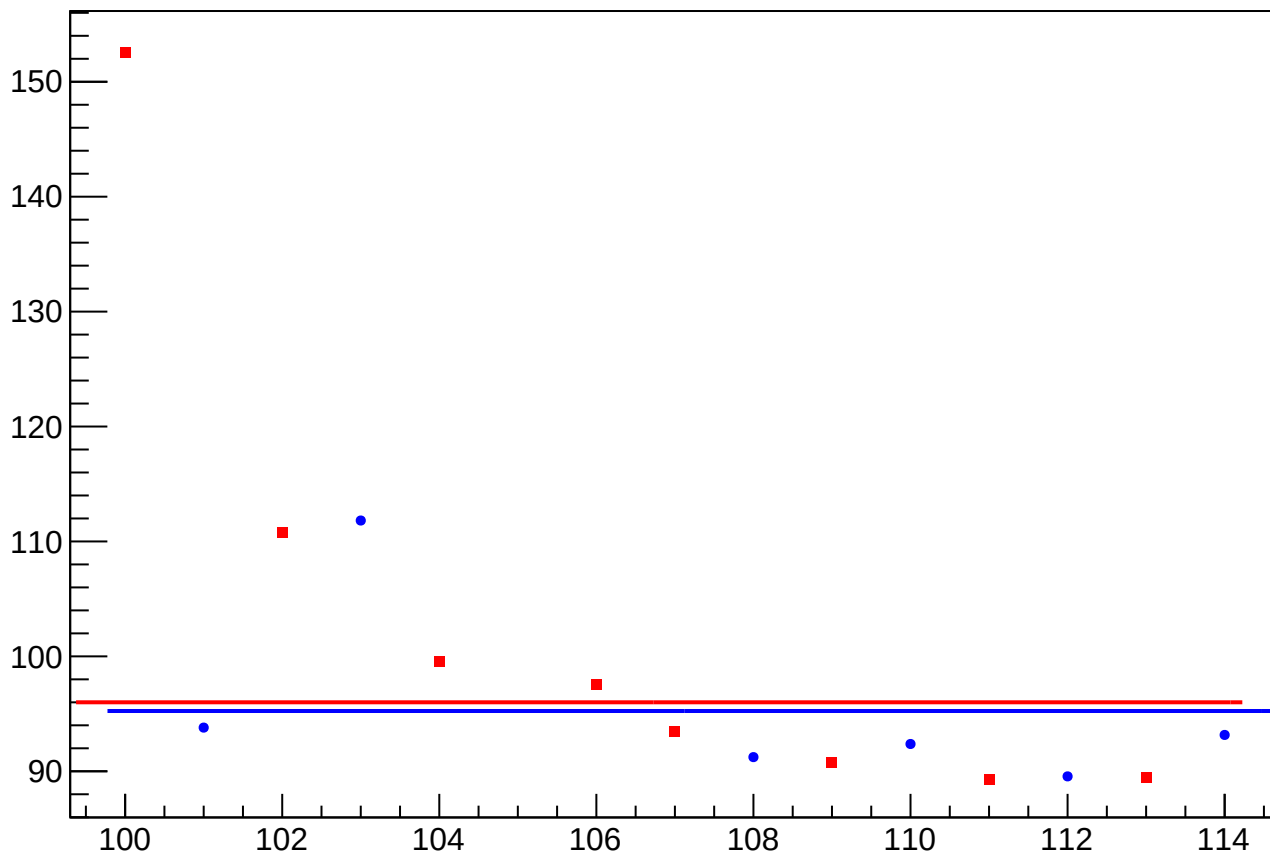
Right: -89.926 $\pm$ 39.885 χ^2 /NDF: 7.5/13

In: -116.706 $\pm$ 59.007 χ^2 /NDF:1.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -89.926 $\pm$ 39.885 χ^2 /NDF: 7.5/13

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 95.245+/-0.042 χ^2/NDF : 33112.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.003+/-0.038 χ^2/NDF : 58445.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

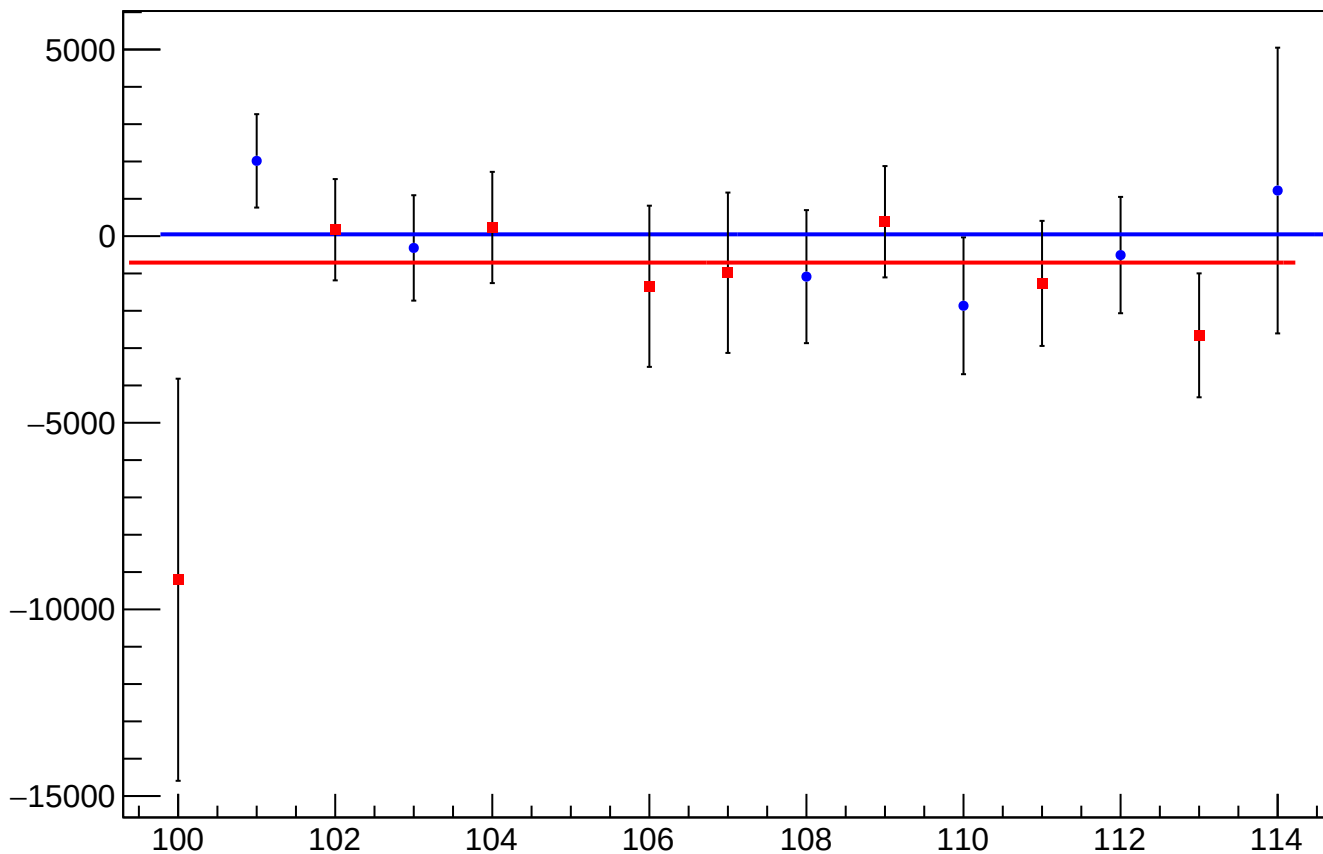
Right: 95.657+/-0.028 χ^2/NDF : 91737.1/13

In: 95.245+/-0.042 χ^2/NDF : 33112.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.657+/-0.028 χ^2/NDF : 91737.1/13

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

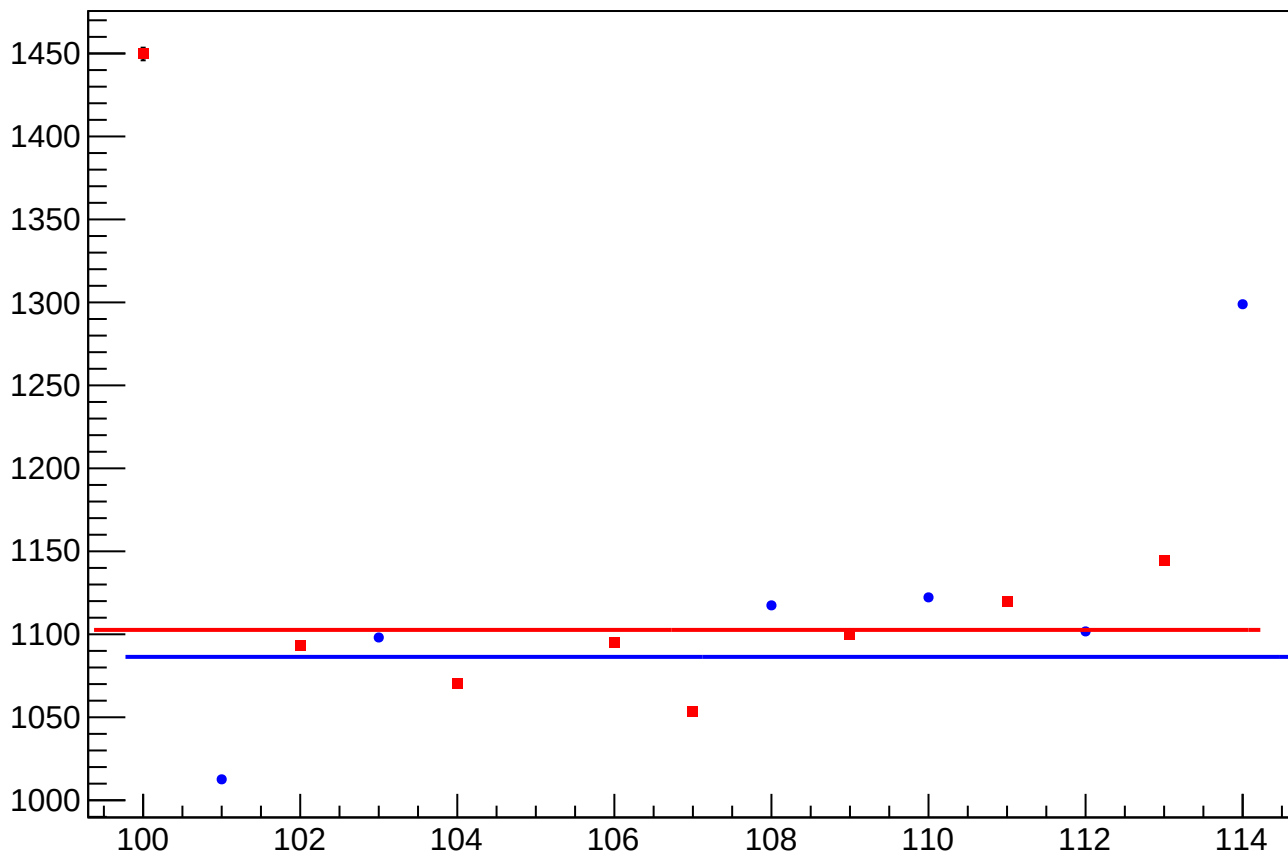
Right: -360.989+/-453.583 χ^2/NDF : 10.4/13

In: 48.122+/-669.238 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -360.989+/-453.583 χ^2/NDF : 10.4/13

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

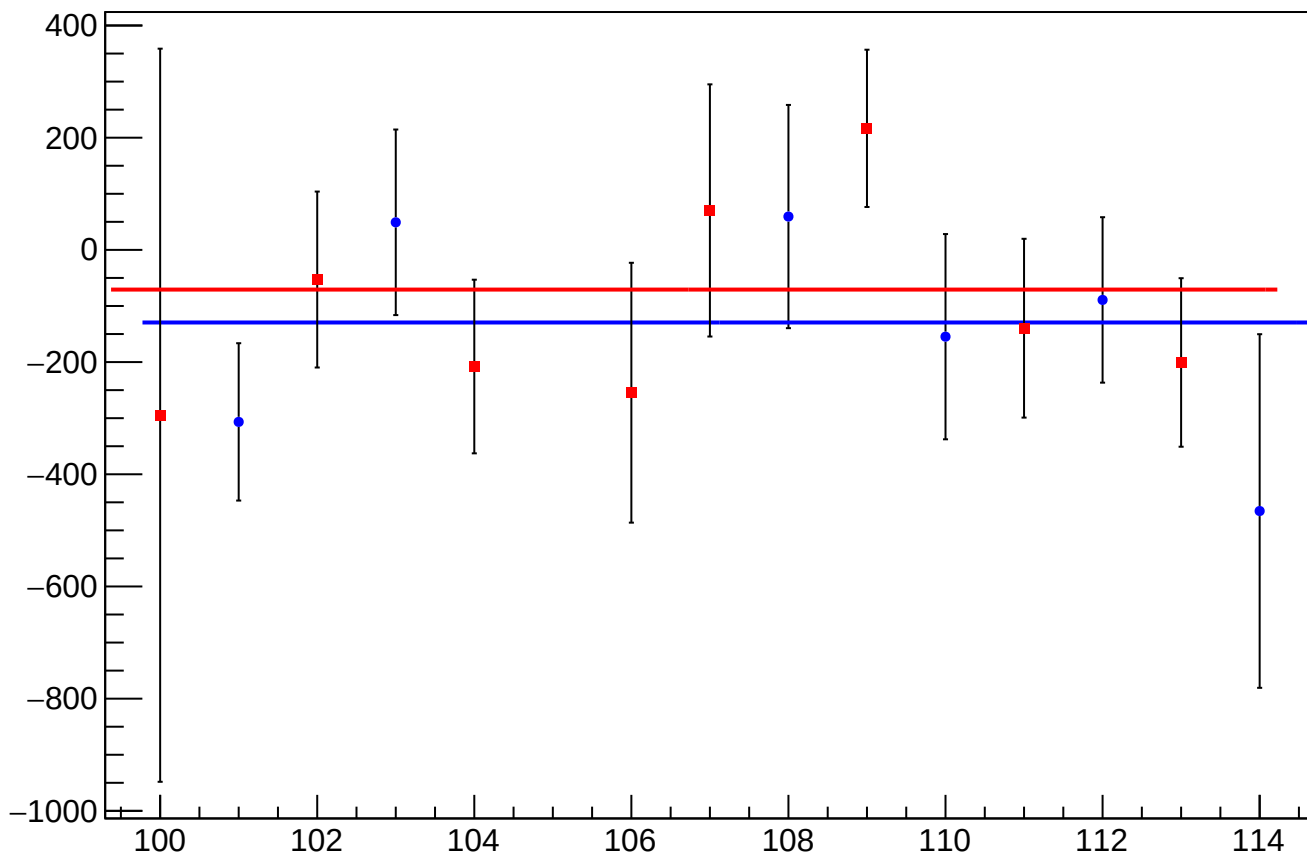
Right: 1095.182 $\pm$ 0.321 χ^2 /NDF: 27328.2/13

In: 1086.395 $\pm$ 0.473 χ^2 /NDF:14822.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1095.182 $\pm$ 0.321 χ^2 /NDF: 27328.2/13

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -129.417 $\pm$ 70.963 χ^2 /NDF: 4.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -70.754 $\pm$ 62.287 χ^2 /NDF: 7.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

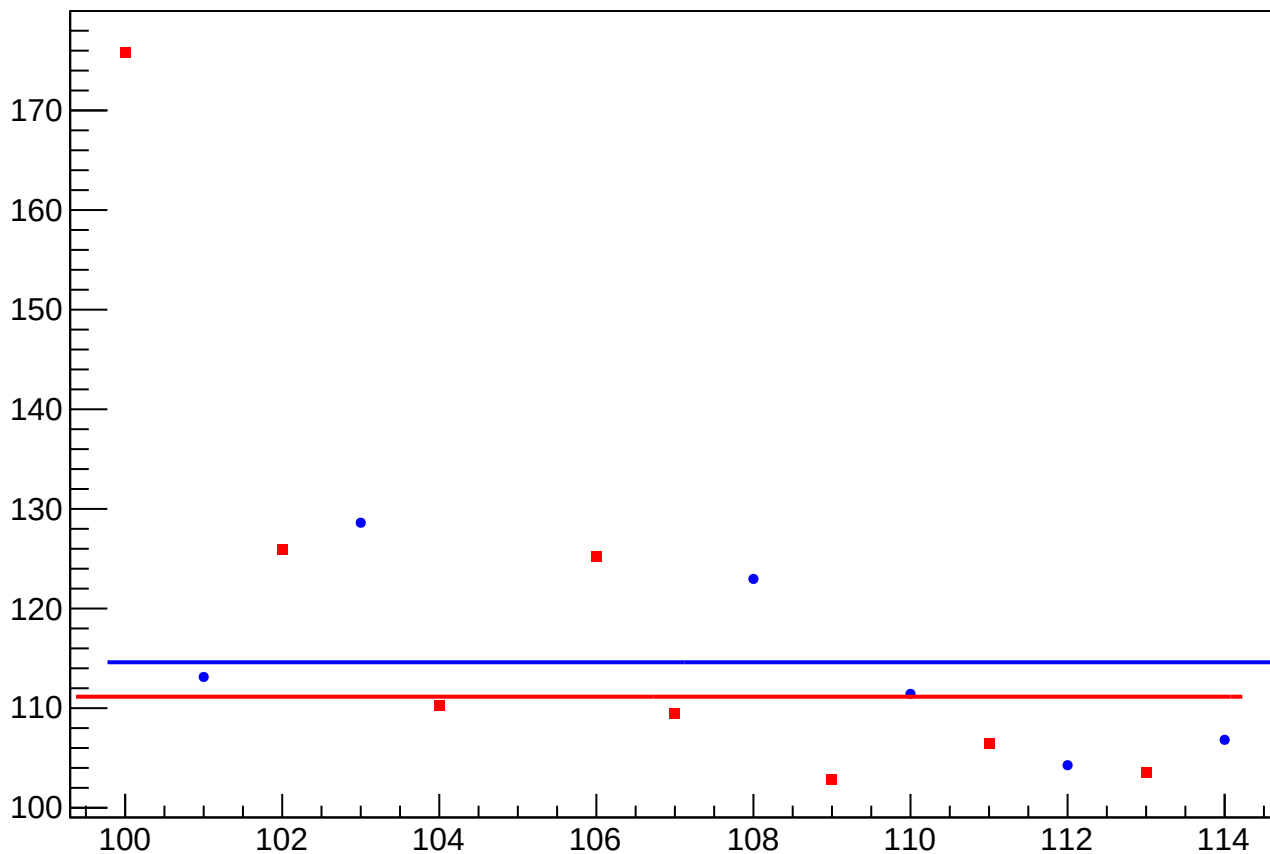
Right: -96.282 $\pm$ 46.812 χ^2 /NDF: 12.4/13

In: -129.417 $\pm$ 70.963 χ^2 /NDF:4.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -96.282 $\pm$ 46.812 χ^2 /NDF: 12.4/13

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

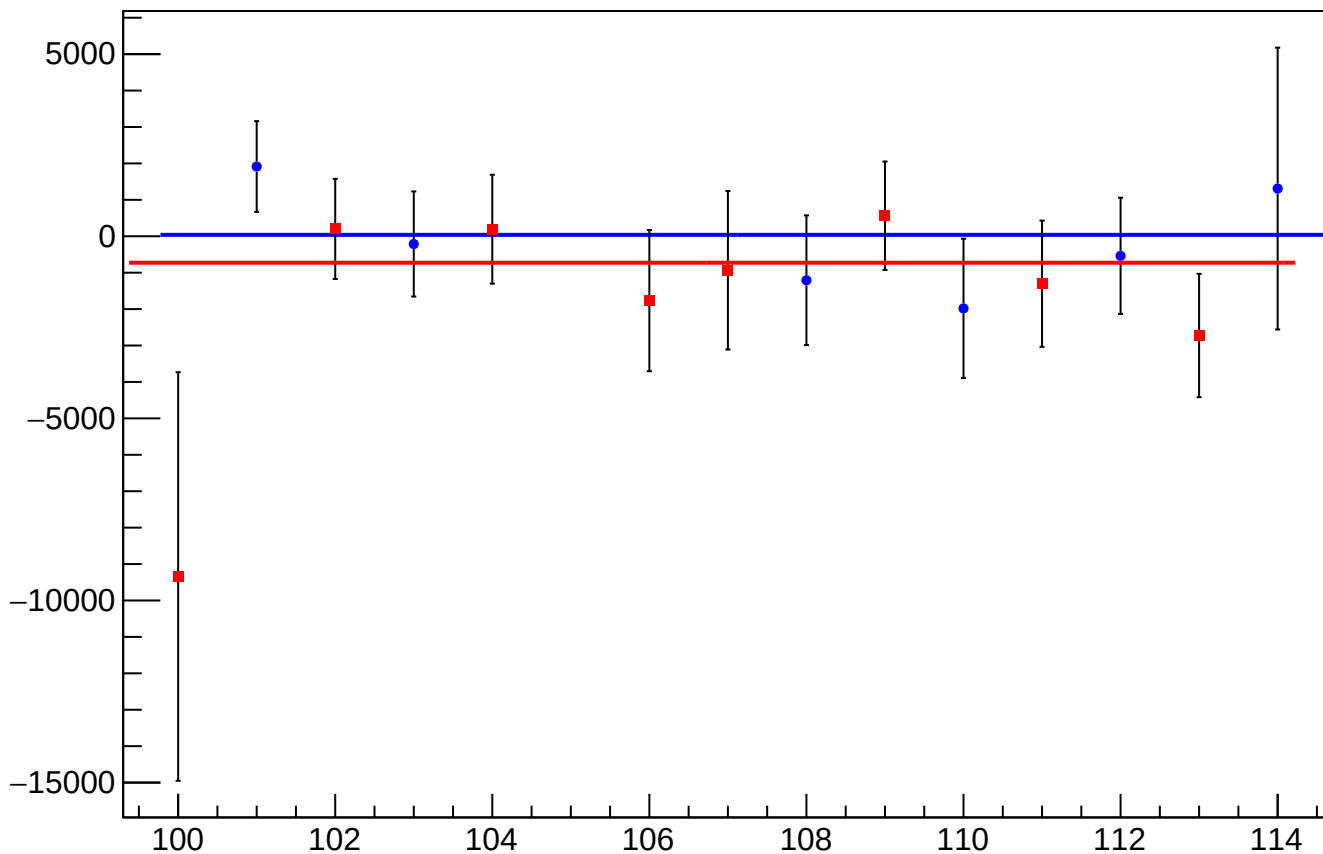
Right: 112.655 $\pm$ 0.033 χ^2 /NDF: 91372.6/13

In: 114.607 $\pm$ 0.050 χ^2 /NDF:29740.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.655 $\pm$ 0.033 χ^2 /NDF: 91372.6/13

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

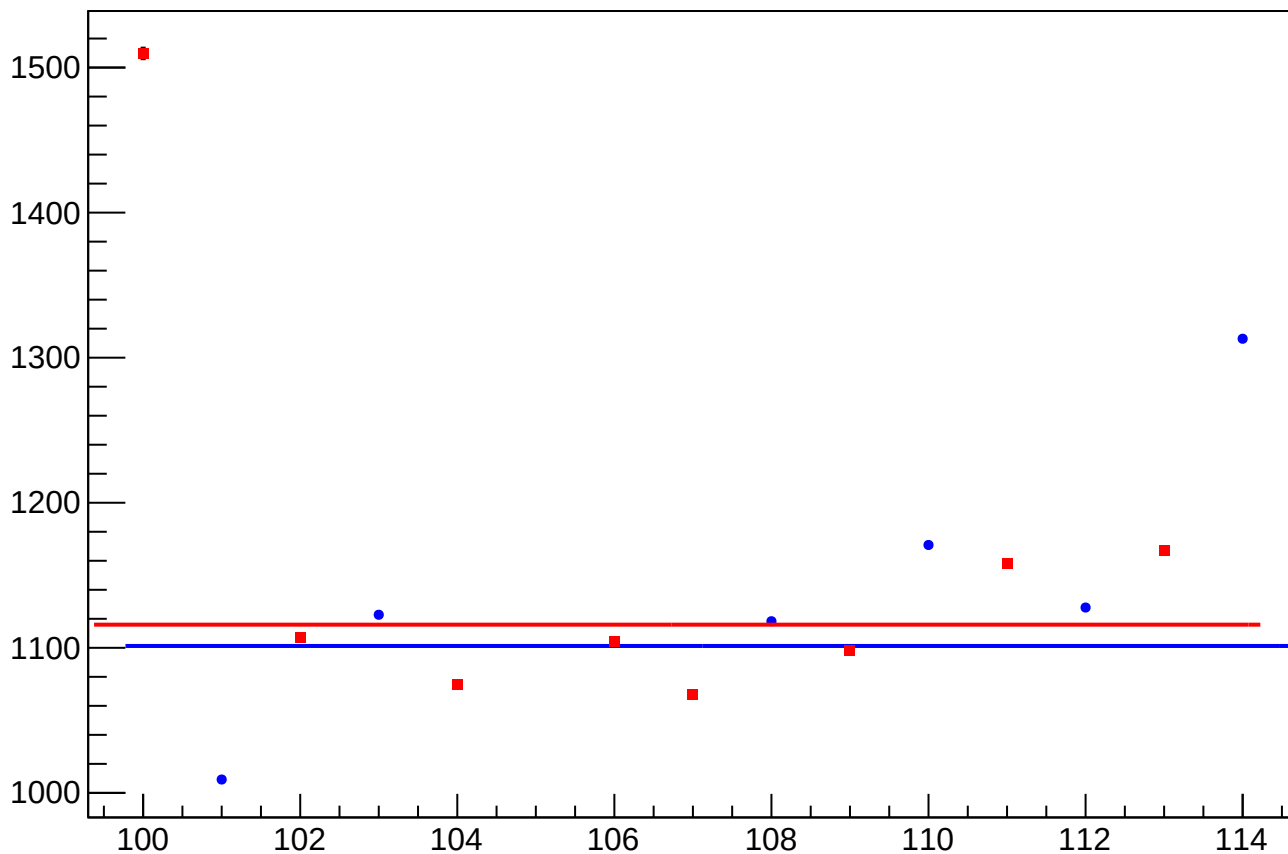
Right: -379.087+/-456.828 χ^2/NDF : 10.6/13

In: 39.125+/-678.473 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.087+/-456.828 χ^2/NDF : 10.6/13

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

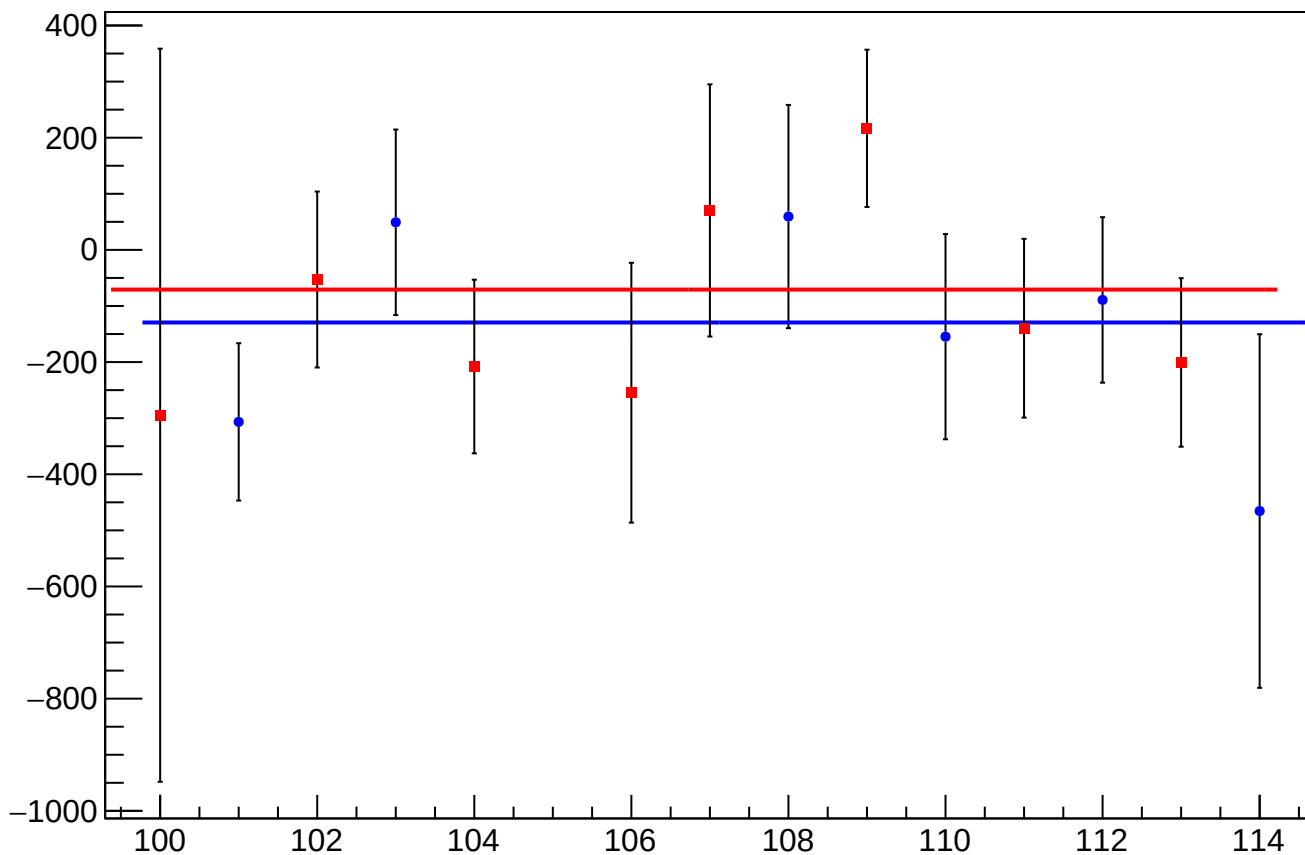
Right: 1109.302+/-0.323 χ^2/NDF : 37058.0/13

In: 1101.275+/-0.480 χ^2/NDF :20739.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1109.302+/-0.323 χ^2/NDF : 37058.0/13

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

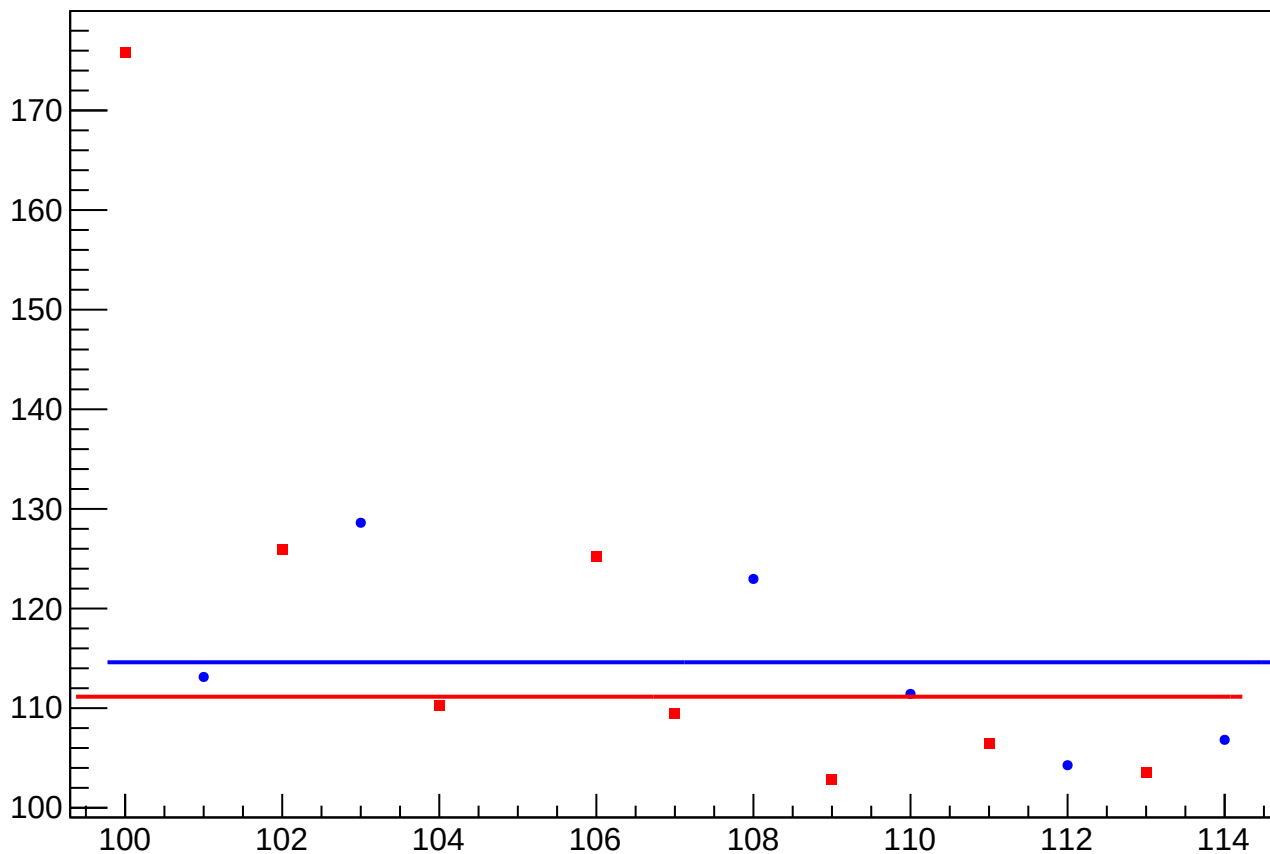
Right: -96.279 $\pm$ 46.812 χ^2 /NDF: 12.4/13

In: -129.414 $\pm$ 70.963 χ^2 /NDF:4.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -96.279 $\pm$ 46.812 χ^2 /NDF: 12.4/13

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

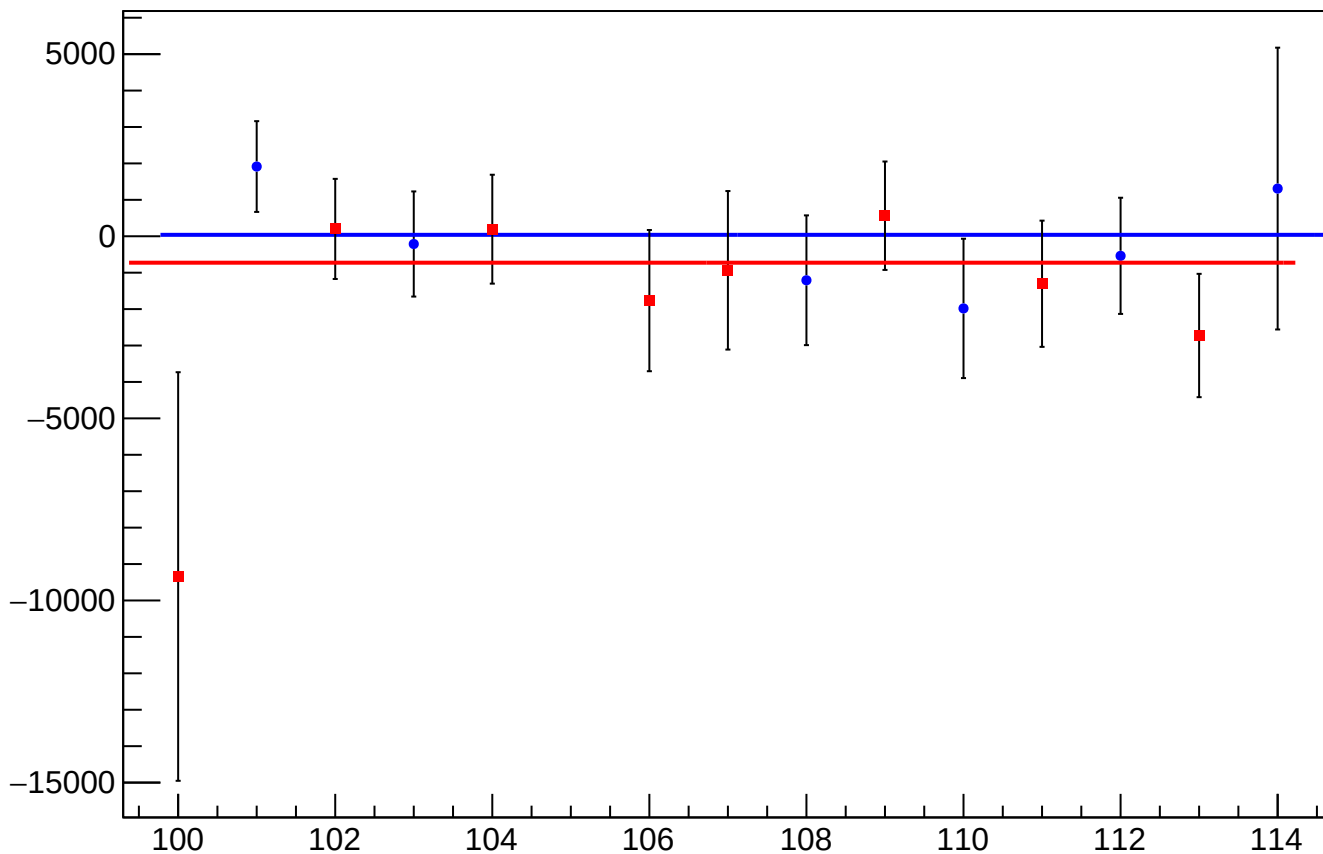
Right: 112.654 $\pm$ 0.033 χ^2 /NDF: 91379.8/13

In: 114.606 $\pm$ 0.050 χ^2 /NDF:29744.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.654 $\pm$ 0.033 χ^2 /NDF: 91379.8/13

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

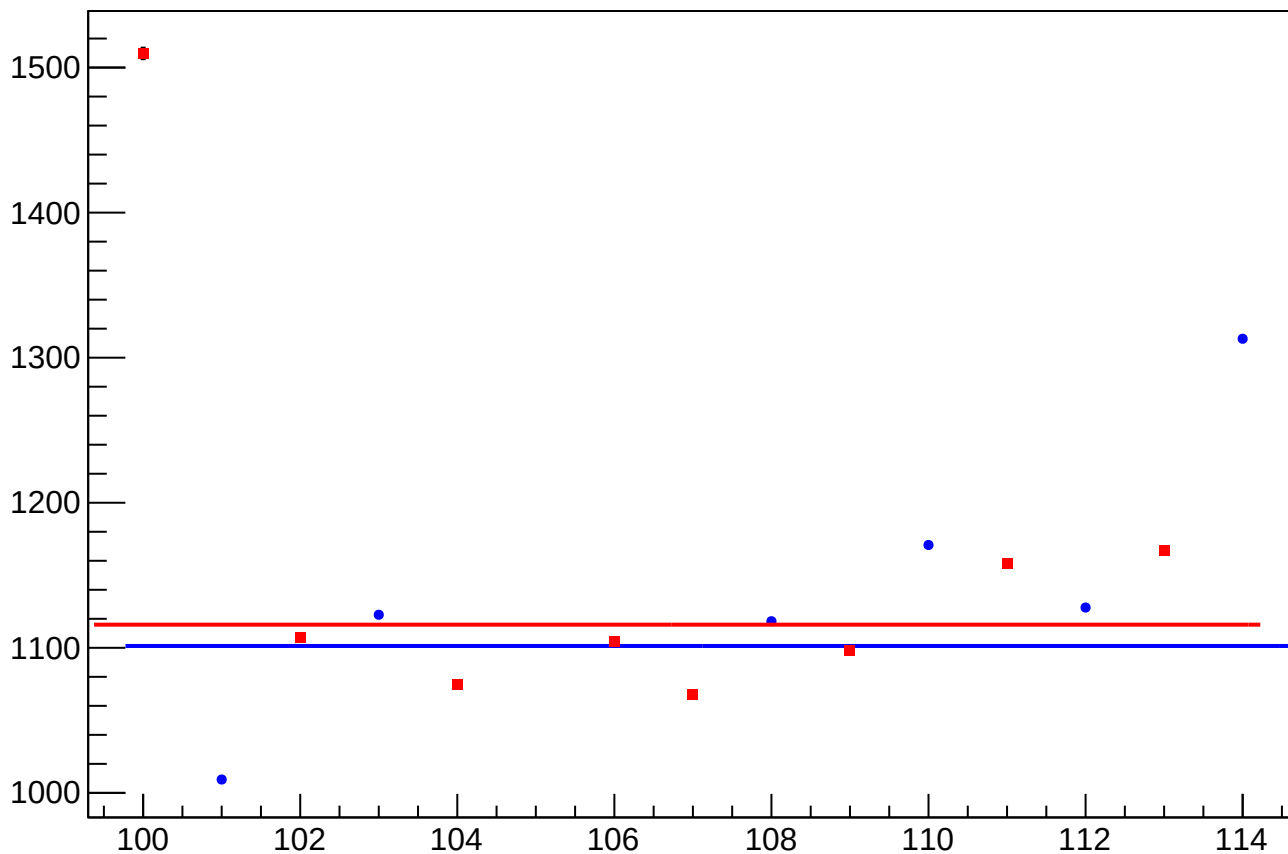
Right: -379.086+/-456.826 χ^2/NDF : 10.6/13

In: 39.125+/-678.470 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.086+/-456.826 χ^2/NDF : 10.6/13

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1101.272+/-0.480 χ^2/NDF : 20738.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1115.955+/-0.437 χ^2/NDF : 15805.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

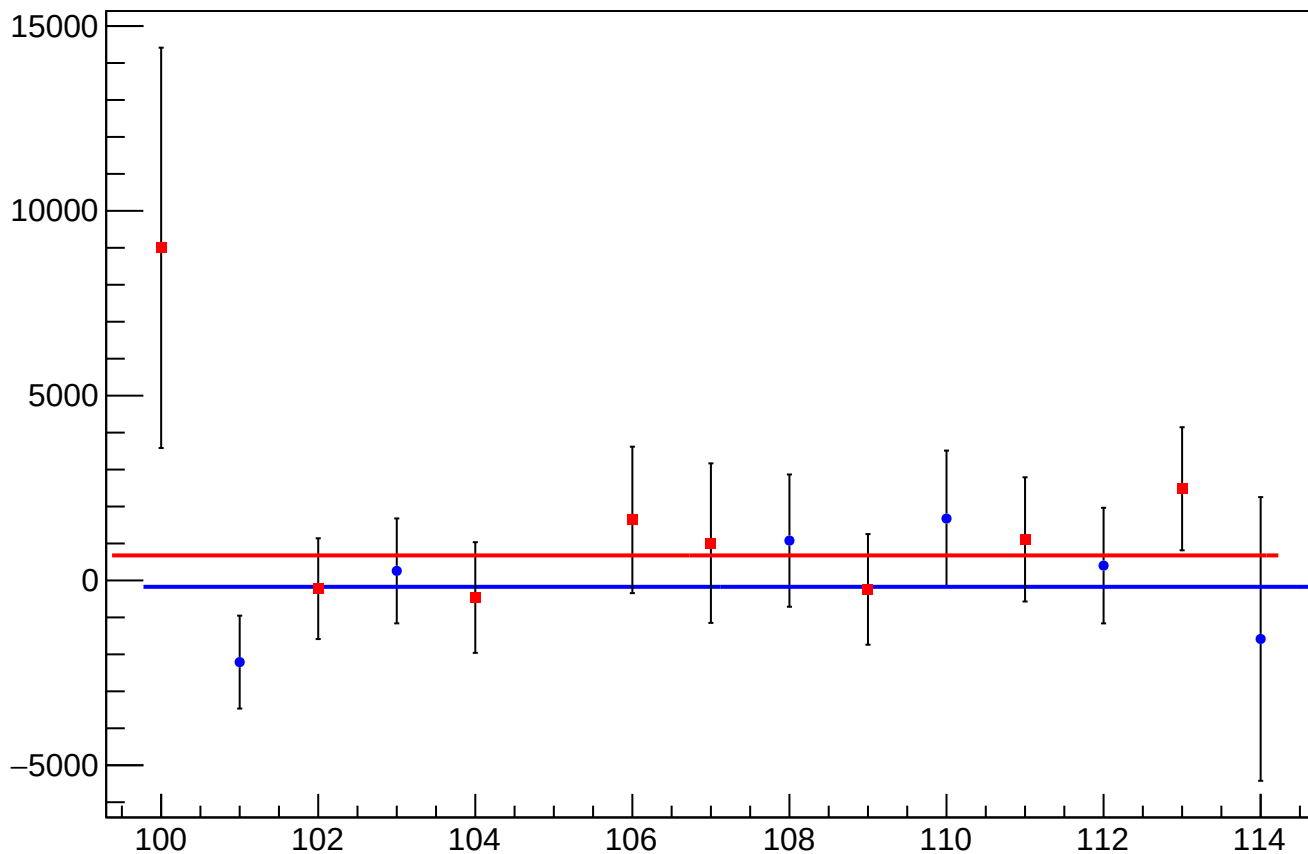
Right: 1109.298+/-0.323 χ^2/NDF : 37056.1/13

In: 1101.272+/-0.480 χ^2/NDF : 20738.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.298+/-0.323 χ^2/NDF : 37056.1/13

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

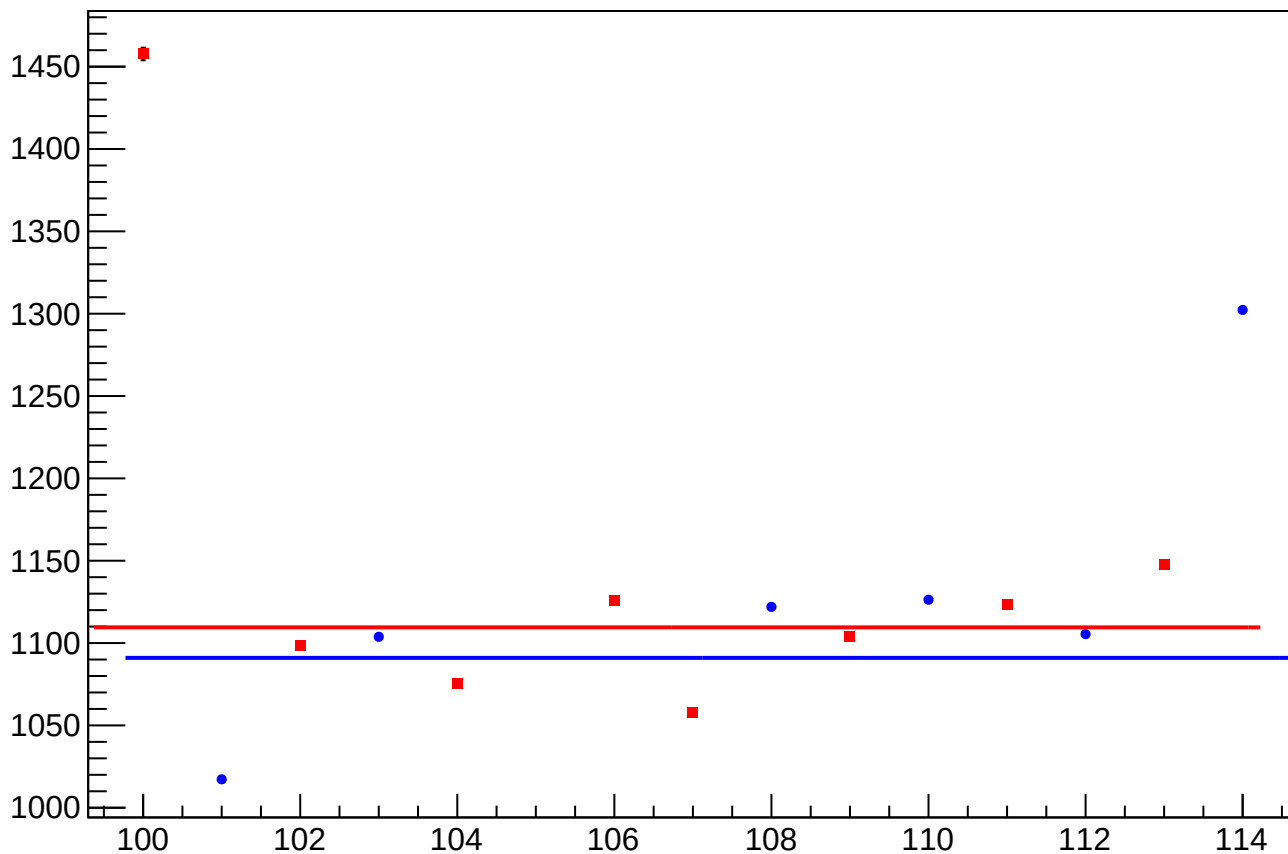
Right: 290.350 $\pm$ 453.473 χ^2 /NDF: 10.6/13

In: -172.642 $\pm$ 672.058 χ^2 /NDF: 4.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 290.350 $\pm$ 453.473 χ^2 /NDF: 10.6/13

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

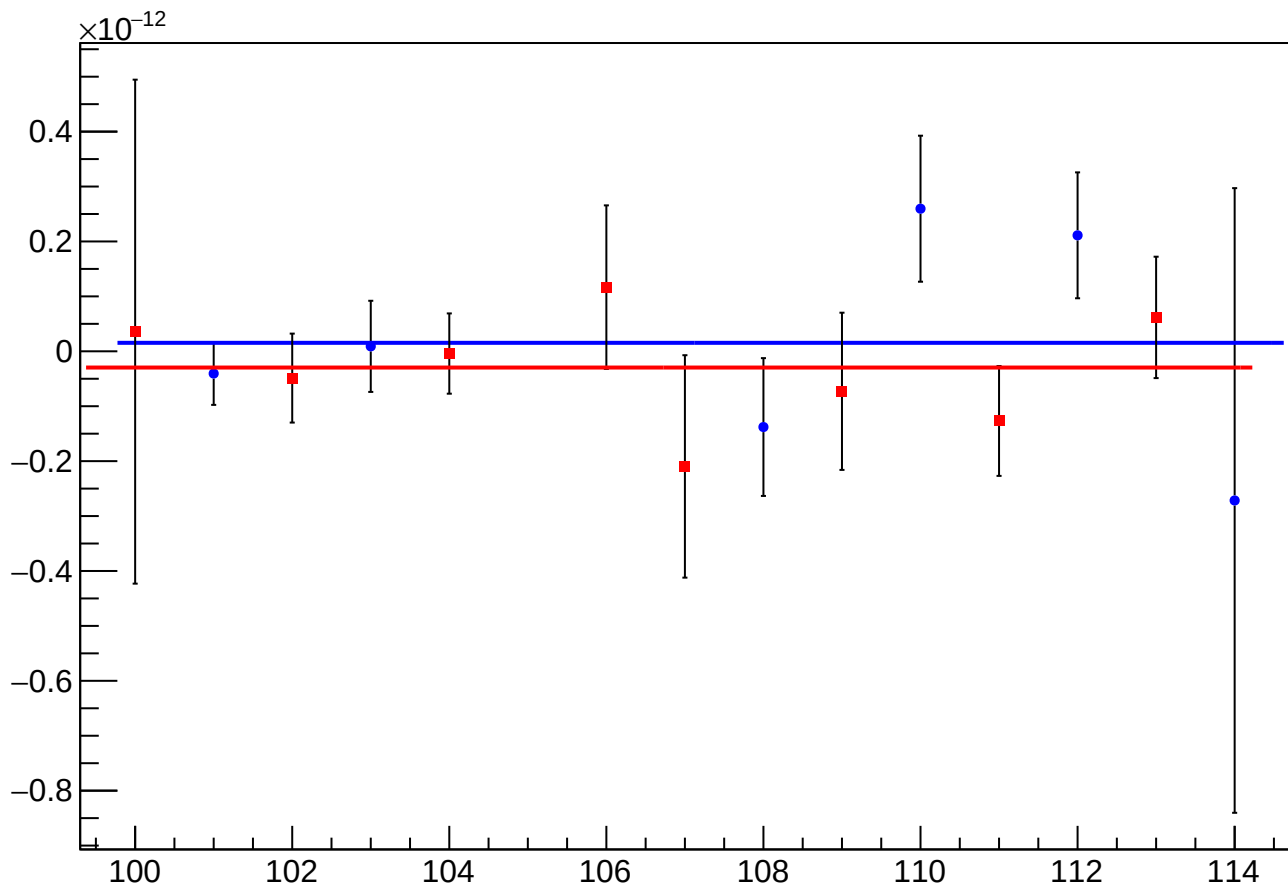
Right: 1101.094 $\pm$ 0.321 χ^2 /NDF: 27363.9/13

In: 1091.007 $\pm$ 0.475 χ^2 /NDF:14614.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1101.094 $\pm$ 0.321 χ^2 /NDF: 27363.9/13

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

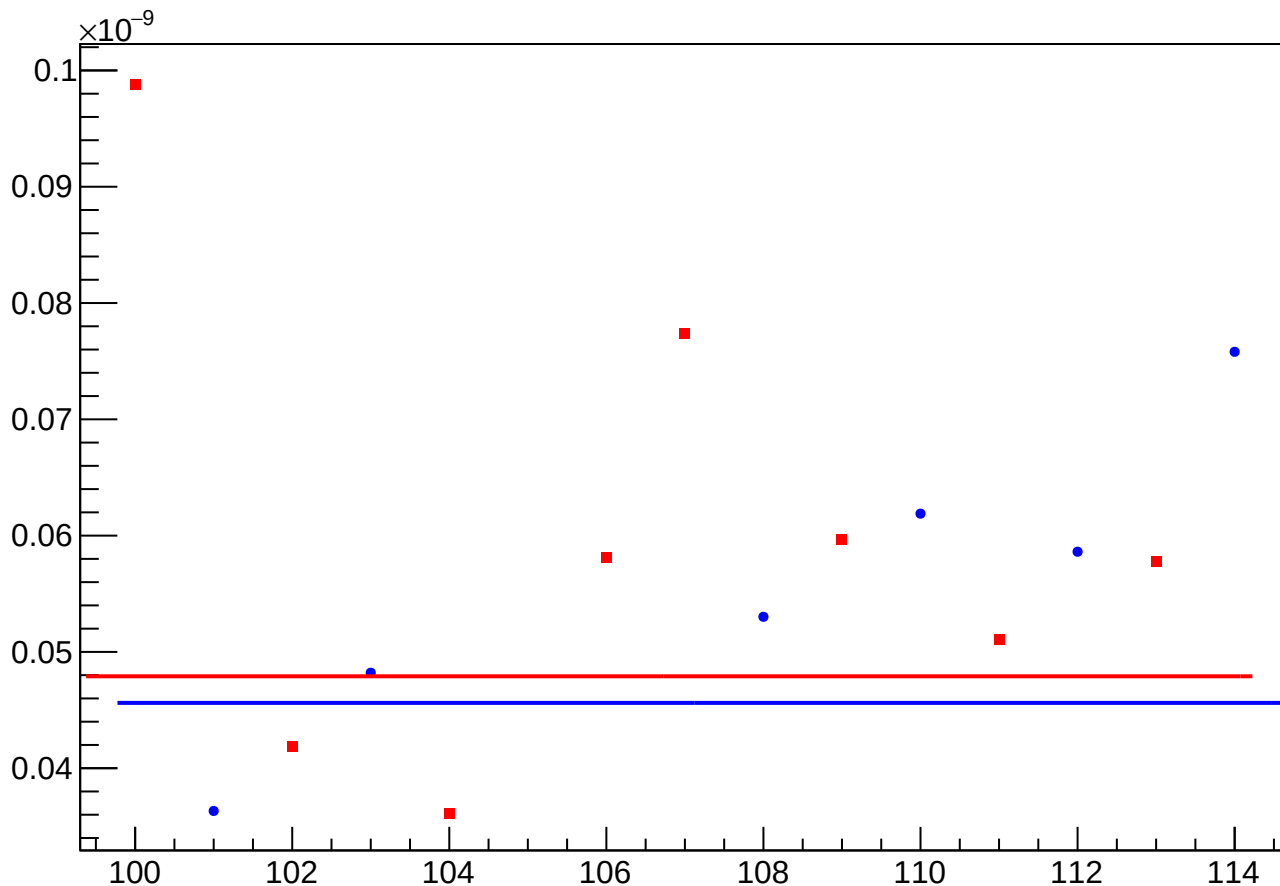
Right: -0.000+/-0.000 χ^2/NDF : 13.3/13

In: 0.000+/-0.000 χ^2/NDF : 9.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/13

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

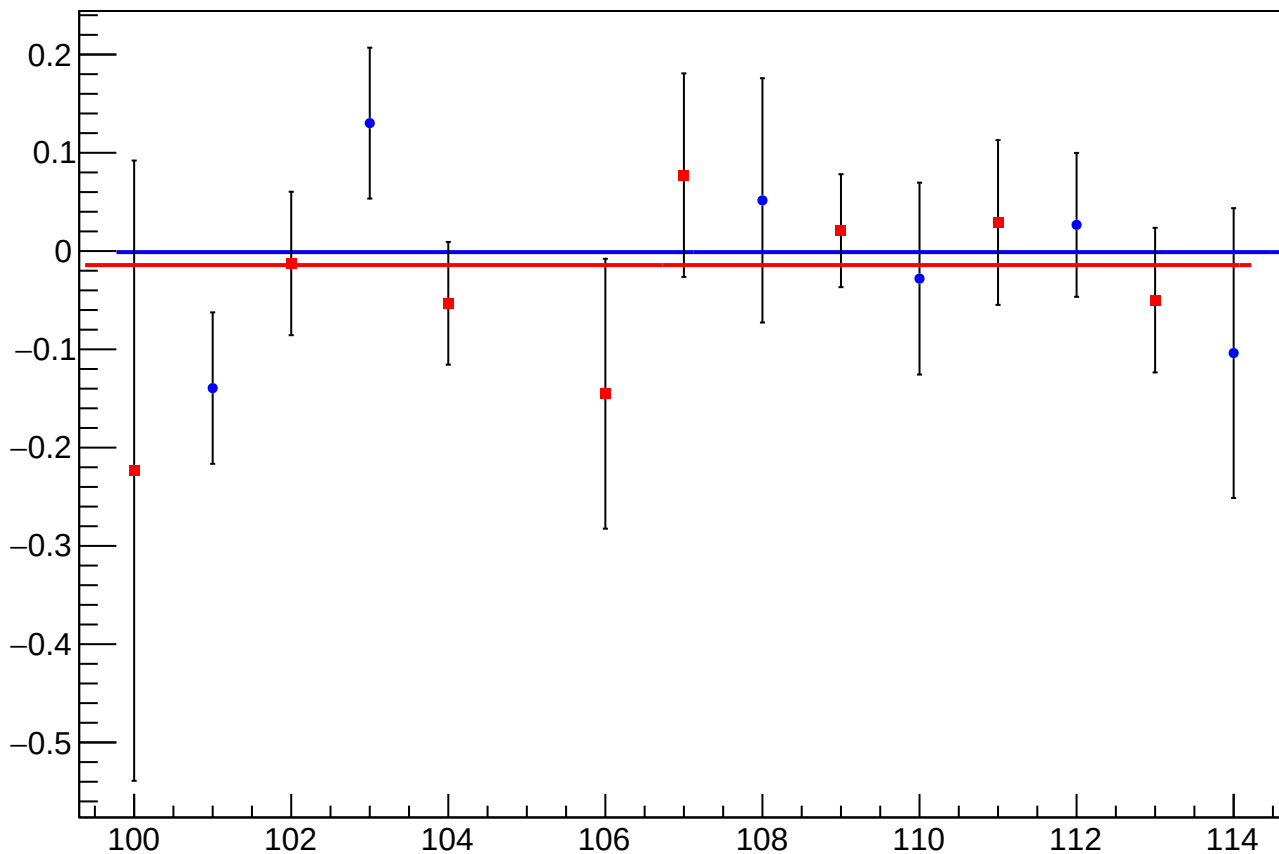
Right: 0.000+/-0.000 χ^2/NDF : 297672.8/13

In: 0.000+/-0.000 χ^2/NDF : 123214.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 297672.8/13

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.037 $\chi^2/\text{NDF}: 7.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.014 ± 0.029 $\chi^2/\text{NDF}: 3.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

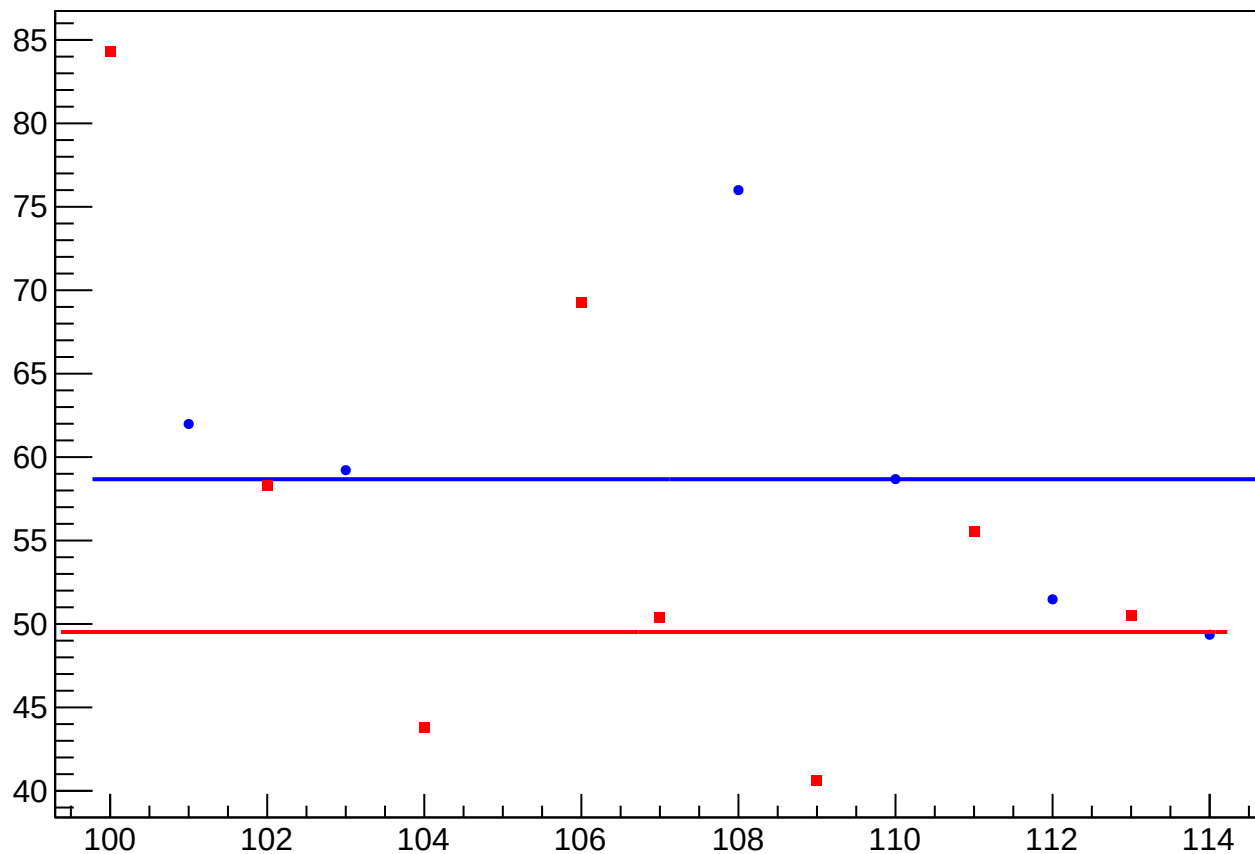
Right: -0.009 ± 0.023 $\chi^2/\text{NDF}: 10.5/13$

In: -0.001 ± 0.037 $\chi^2/\text{NDF}: 7.0/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.023 $\chi^2/\text{NDF}: 10.5/13$

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.675+/-0.026 χ^2/NDF : 69968.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.517+/-0.020 χ^2/NDF : 170059.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

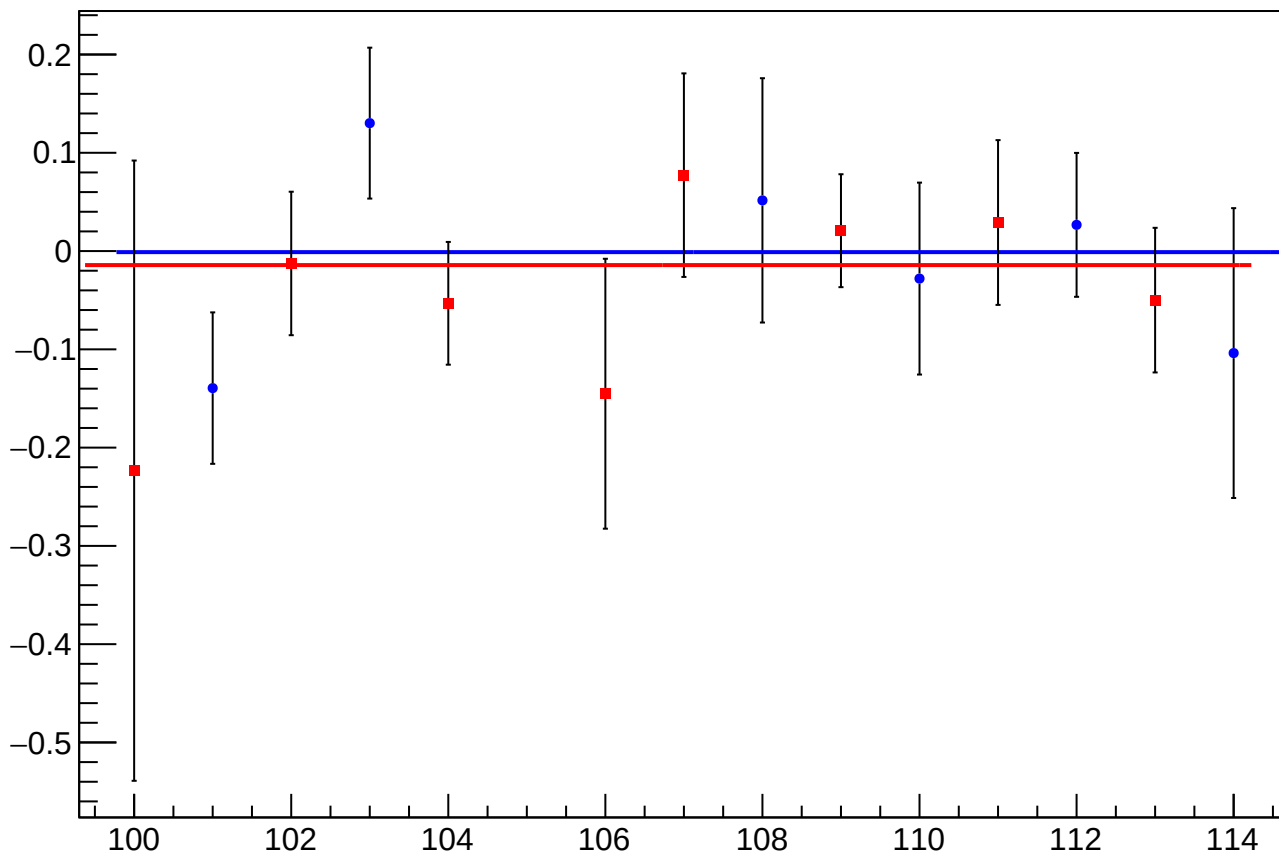
Right: 52.957+/-0.016 χ^2/NDF : 317535.1/13

In: 58.675+/-0.026 χ^2/NDF : 69968.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.957+/-0.016 χ^2/NDF : 317535.1/13

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

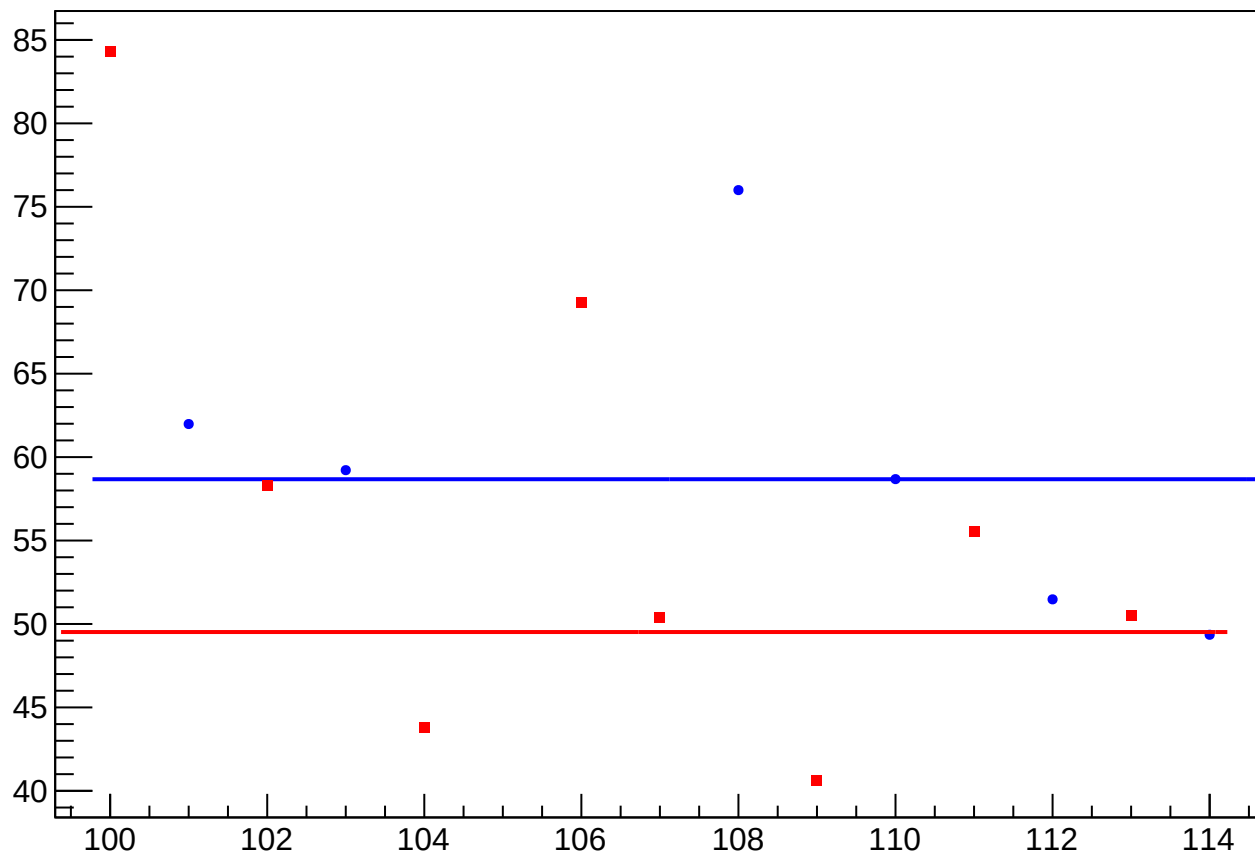
Right: -0.009 ± 0.023 χ^2/NDF : 10.5/13

In: -0.001 ± 0.037 χ^2/NDF : 7.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.023 χ^2/NDF : 10.5/13

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.675+/-0.026 χ^2/NDF : 69968.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.517+/-0.020 χ^2/NDF : 170059.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

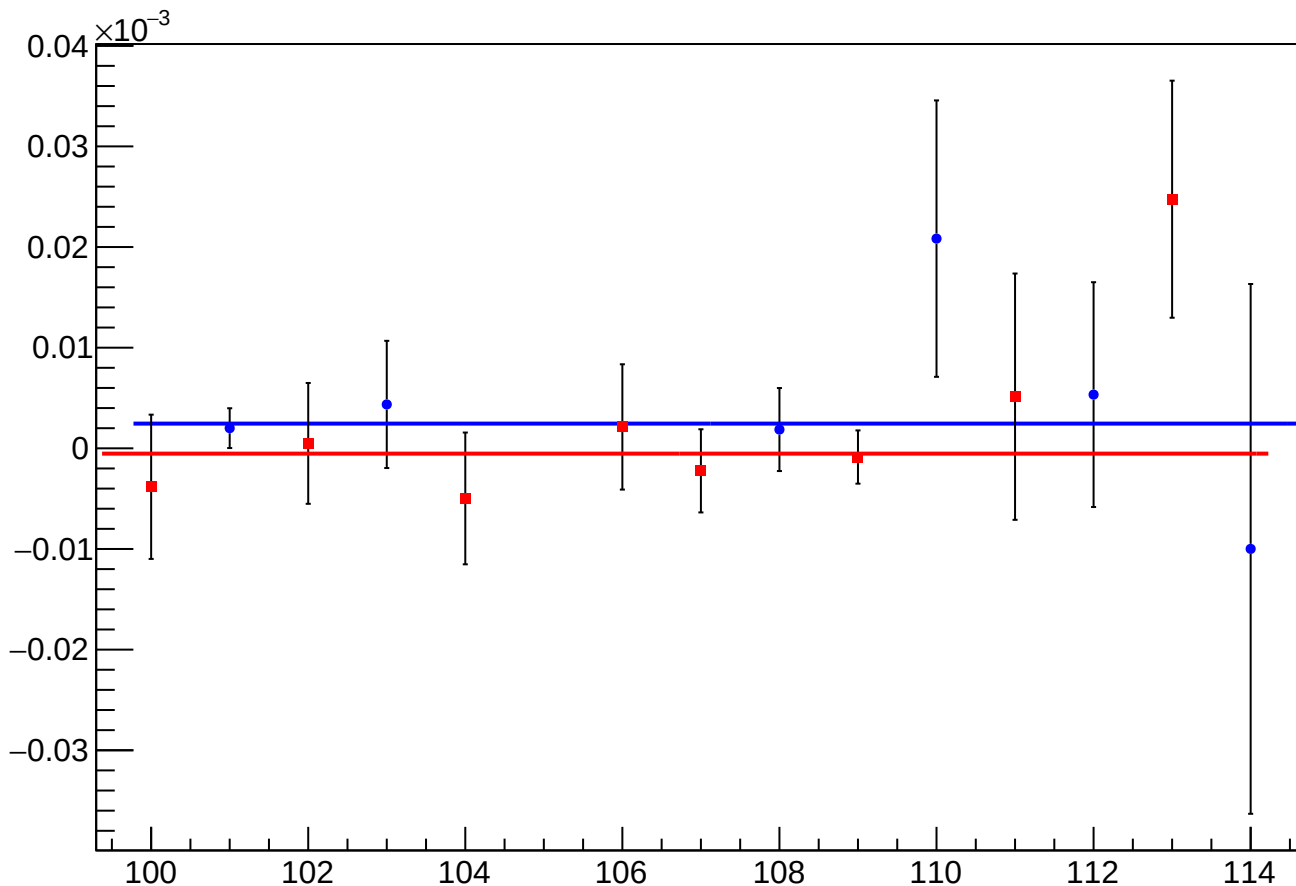
Right: 52.957+/-0.016 χ^2/NDF : 317535.1/13

In: 58.675+/-0.026 χ^2/NDF : 69968.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.957+/-0.016 χ^2/NDF : 317535.1/13

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

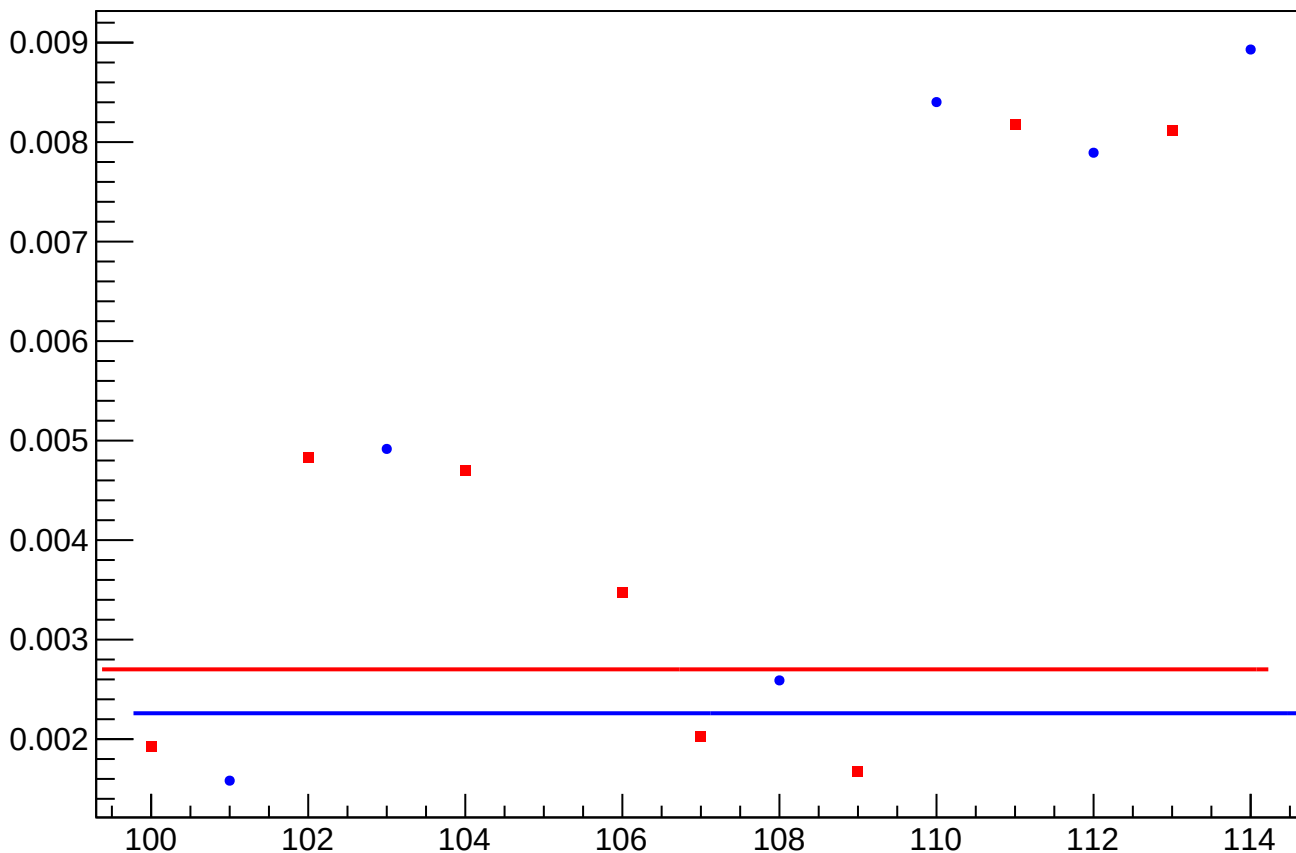
Right: 0.000+/-0.000 χ^2/NDF : 9.6/13

In: 0.000+/-0.000 χ^2/NDF : 2.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.6/13

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

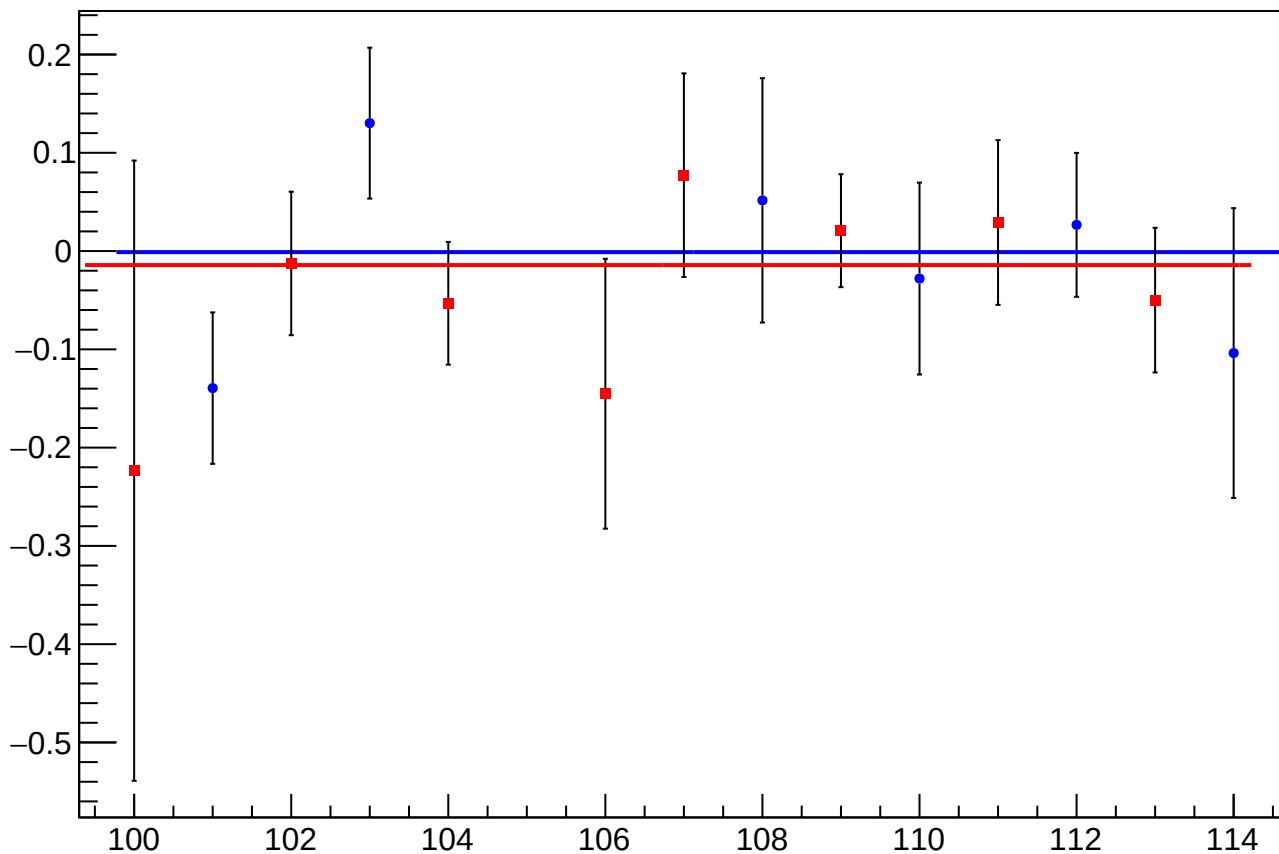
Right: 0.002+/-0.000 χ^2/NDF : 3373979.3/13

In: 0.002+/-0.000 χ^2/NDF :1638531.1/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3373979.3/13

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

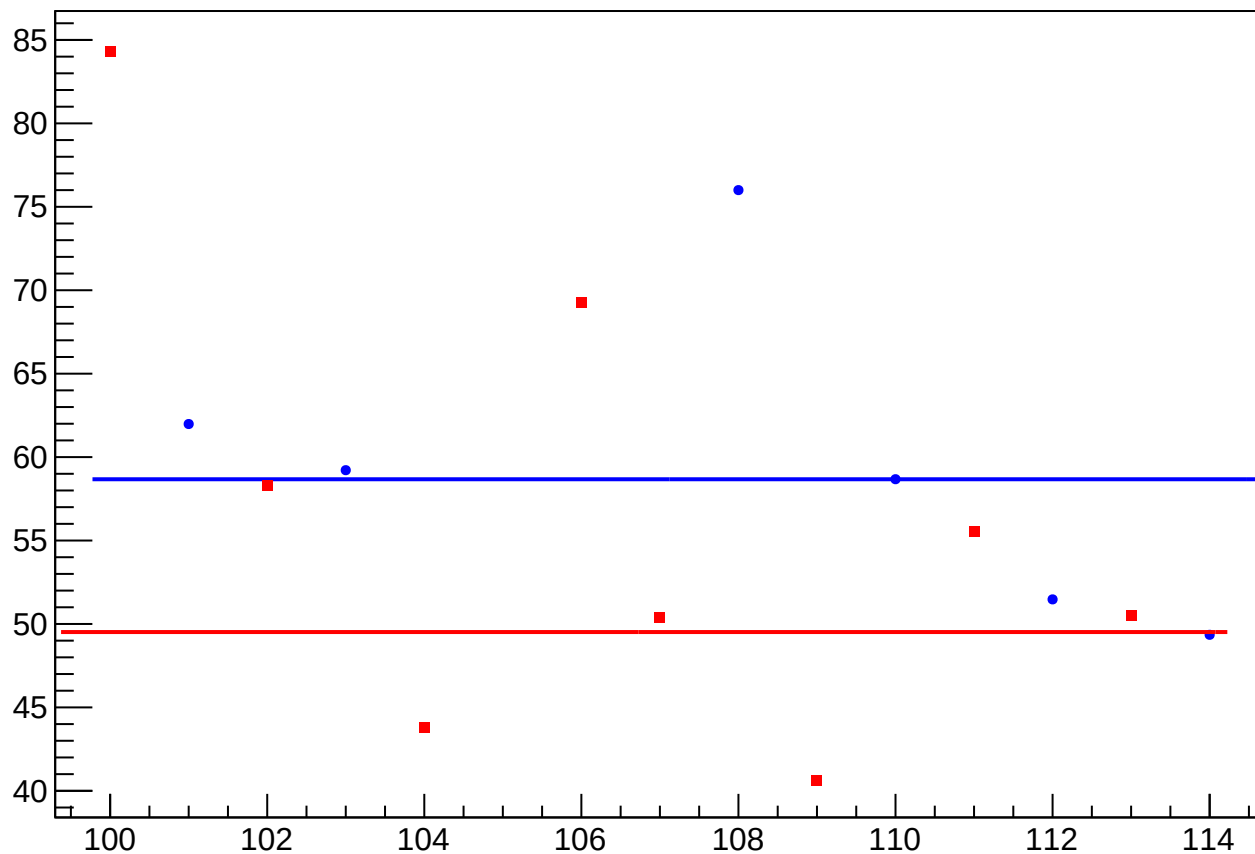
Right: -0.009 ± 0.023 χ^2/NDF : 10.5/13

In: -0.001 ± 0.037 χ^2/NDF : 7.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.023 χ^2/NDF : 10.5/13

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

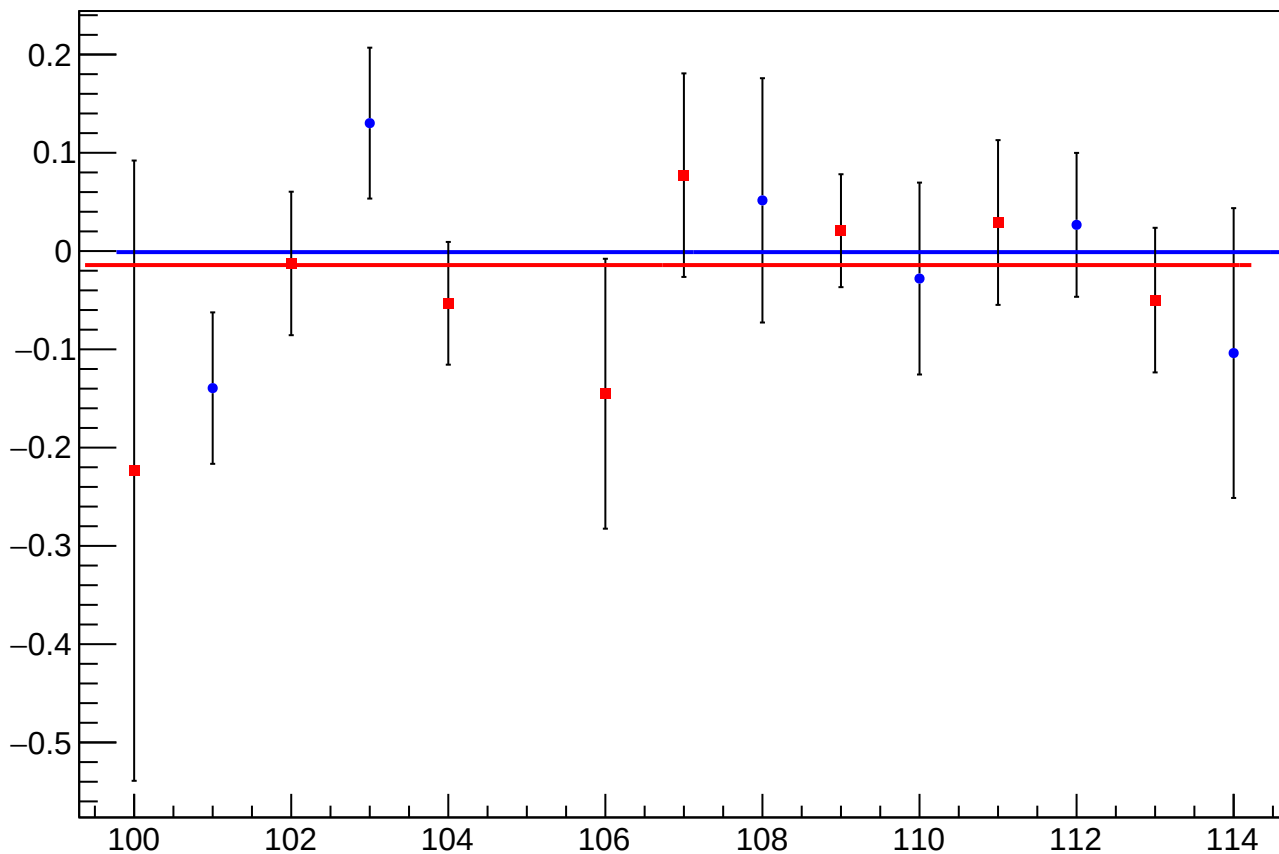
Right: 52.956 $\pm$ 0.016 χ^2 /NDF: 317538.9/13

In: 58.672 $\pm$ 0.026 χ^2 /NDF: 69992.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.956 $\pm$ 0.016 χ^2 /NDF: 317538.9/13

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.037 $\chi^2/\text{NDF}: 7.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.014 ± 0.029 $\chi^2/\text{NDF}: 3.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

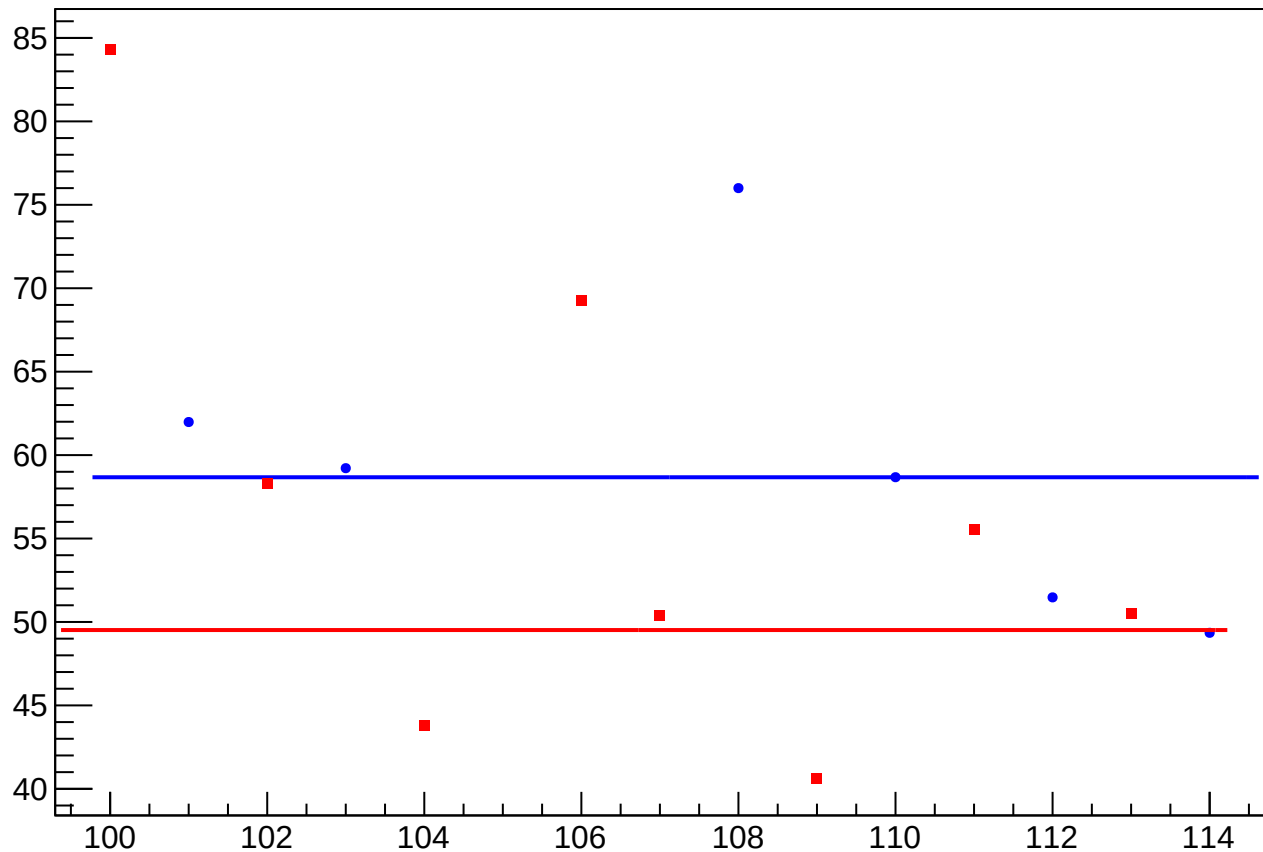
Right: -0.009 ± 0.023 $\chi^2/\text{NDF}: 10.5/13$

In: -0.001 ± 0.037 $\chi^2/\text{NDF}: 7.0/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.023 $\chi^2/\text{NDF}: 10.5/13$

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

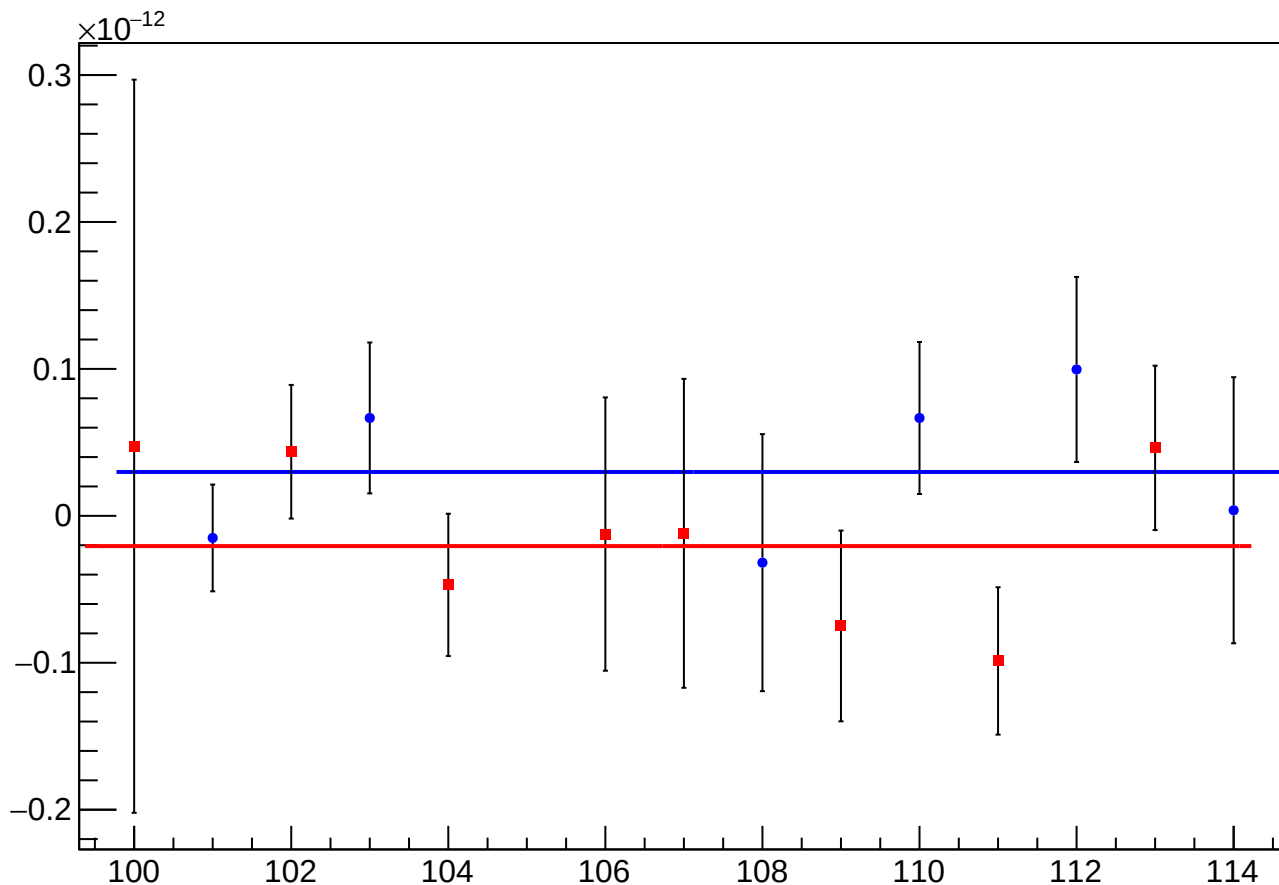
Right: 52.956 $\pm$ 0.016 χ^2 /NDF: 317538.9/13

In: 58.672 $\pm$ 0.026 χ^2 /NDF: 69992.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.956 $\pm$ 0.016 χ^2 /NDF: 317538.9/13

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

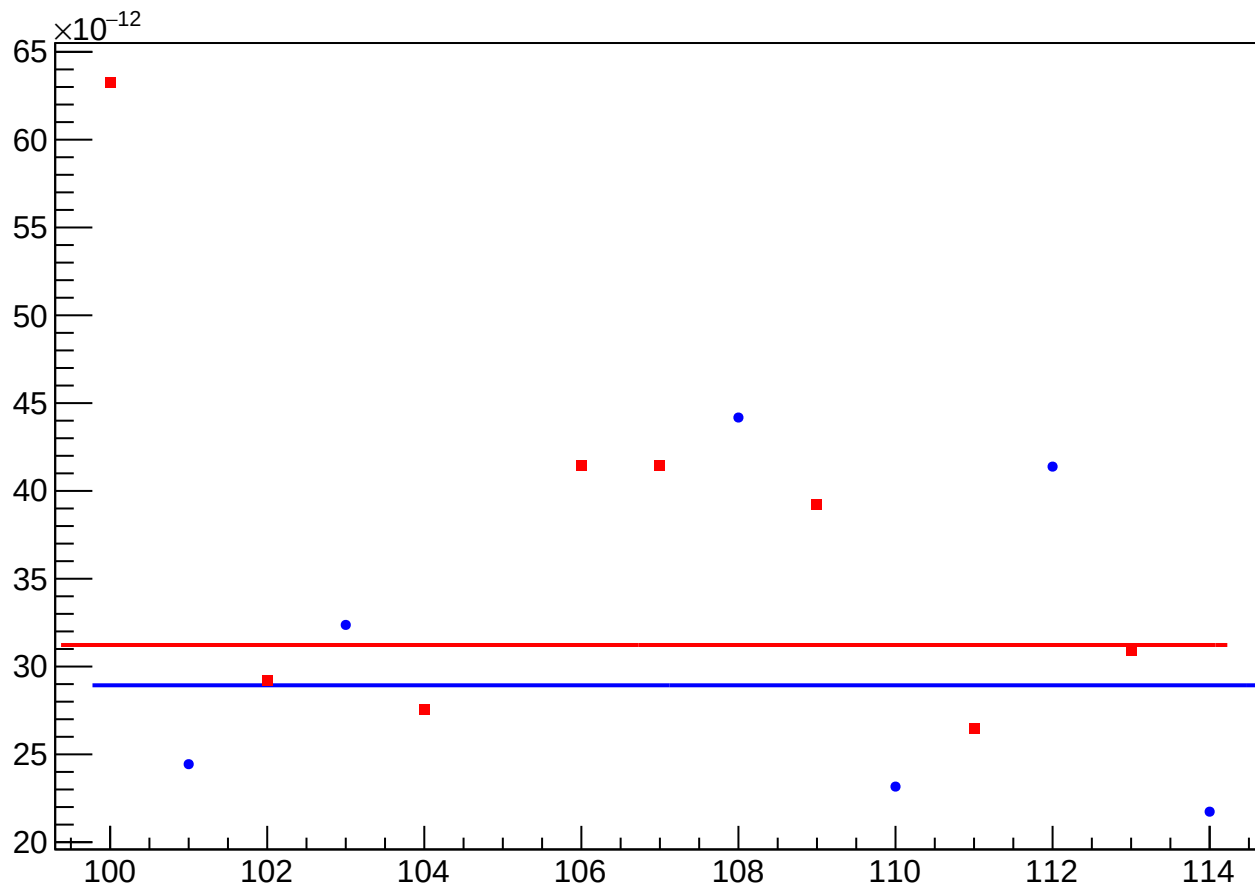
Right: 0.000+/-0.000 χ^2/NDF : 13.9/13

In: 0.000+/-0.000 χ^2/NDF : 4.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/13

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

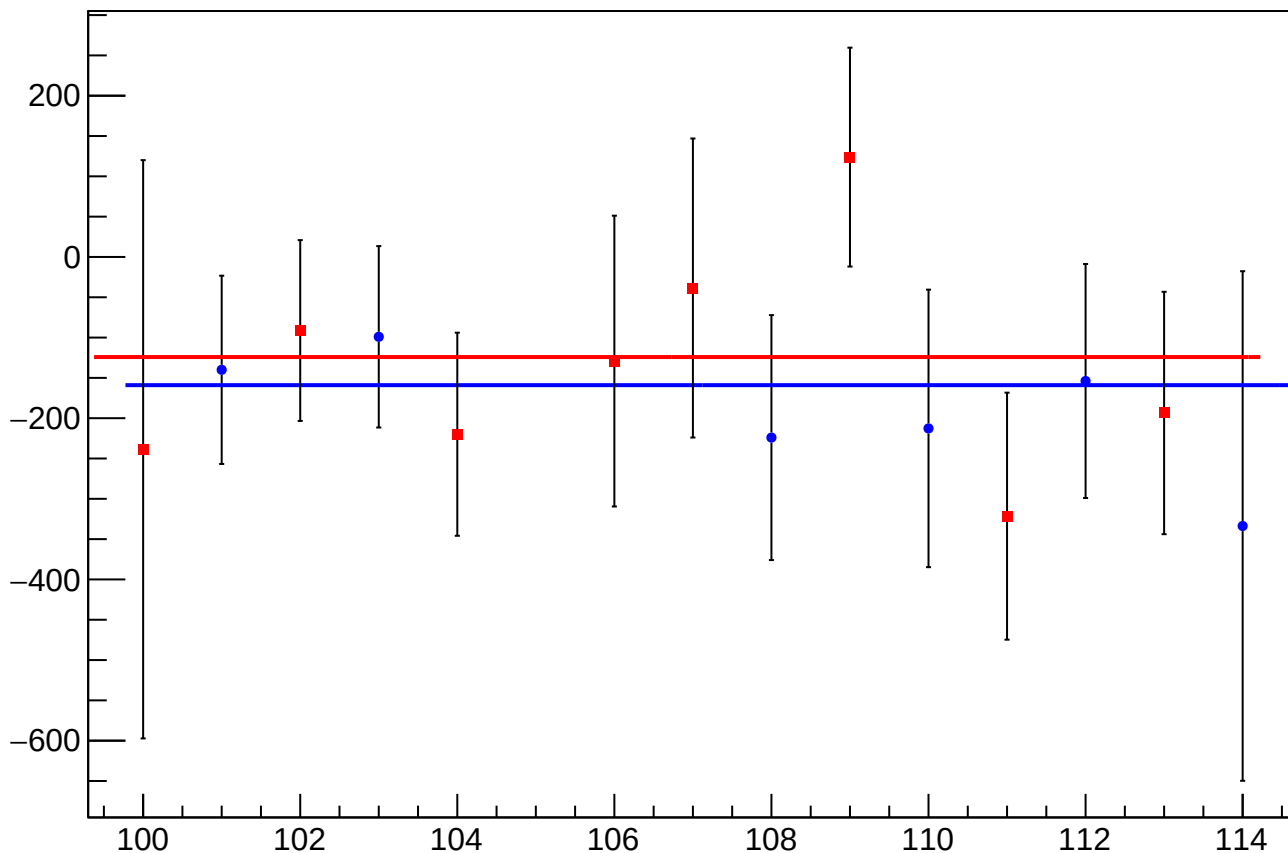
Right: 0.000+/-0.000 χ^2/NDF : 365973.1/13

In: 0.000+/-0.000 χ^2/NDF : 215948.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 365973.1/13

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

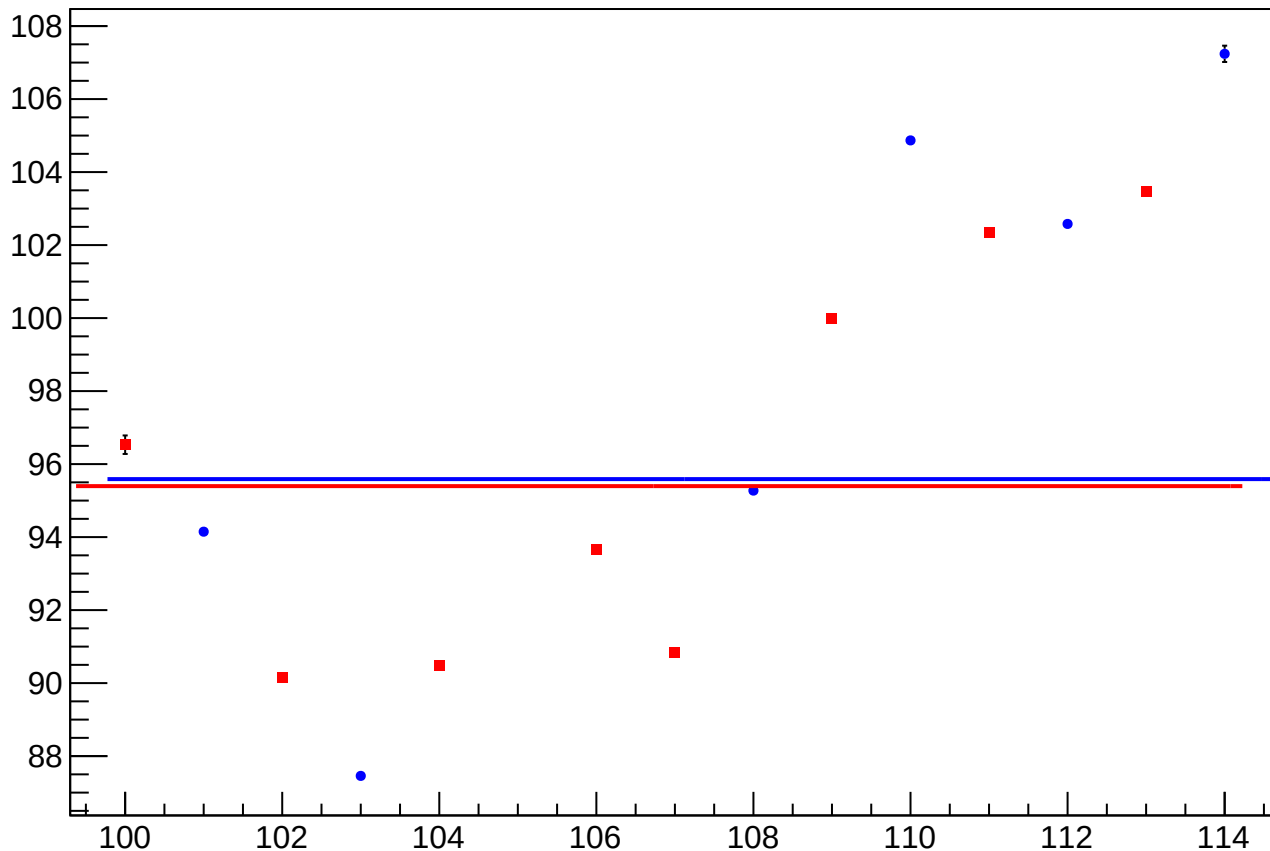
Right: -139.828+/-39.585 χ^2/NDF : 7.3/13

In: -159.019+/-59.036 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.828+/-39.585 χ^2/NDF : 7.3/13

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

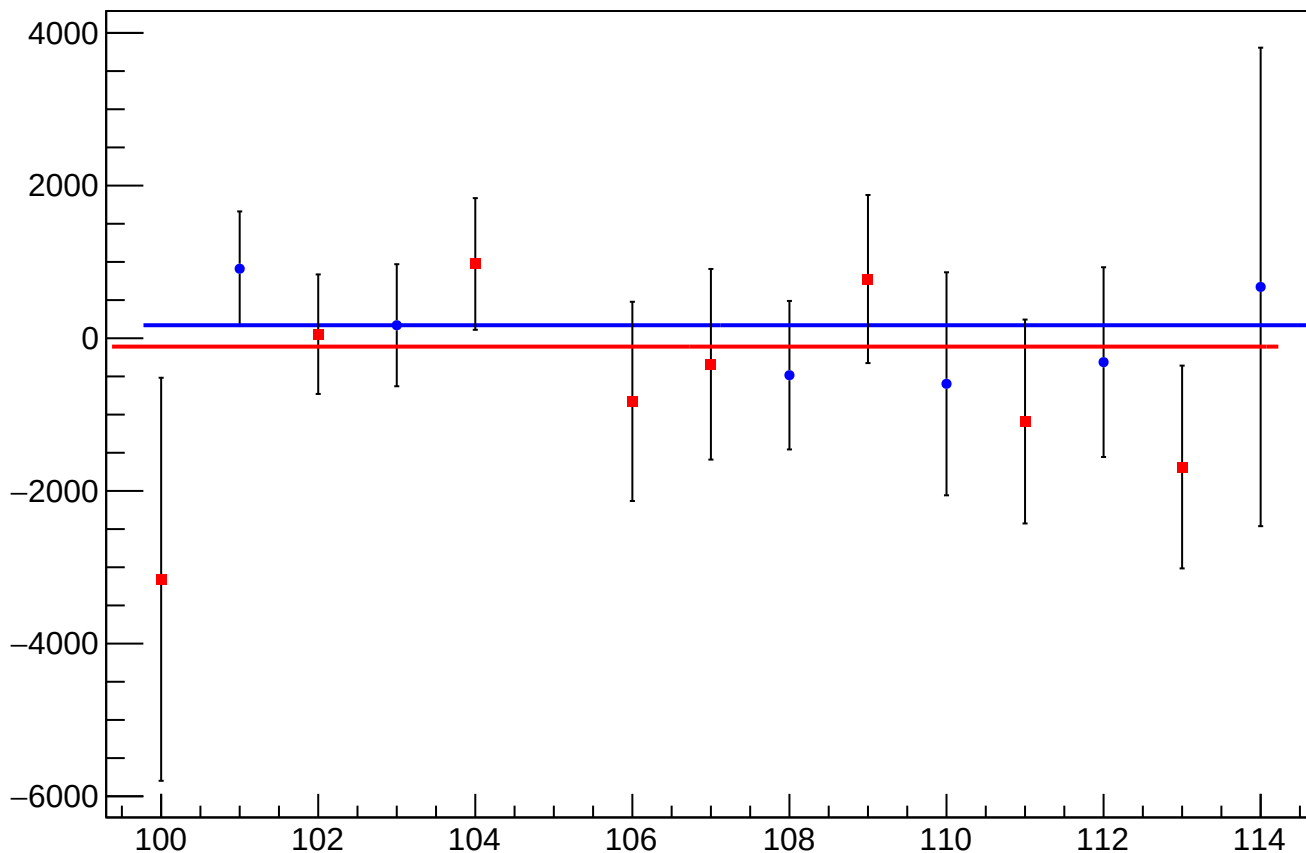
Right: 95.483+/-0.028 χ^2/NDF : 44956.4/13

In: 95.589+/-0.042 χ^2/NDF : 23932.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.483+/-0.028 χ^2/NDF : 44956.4/13

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 170.717+/-422.057 χ^2/NDF : 1.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.374+/-398.409 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

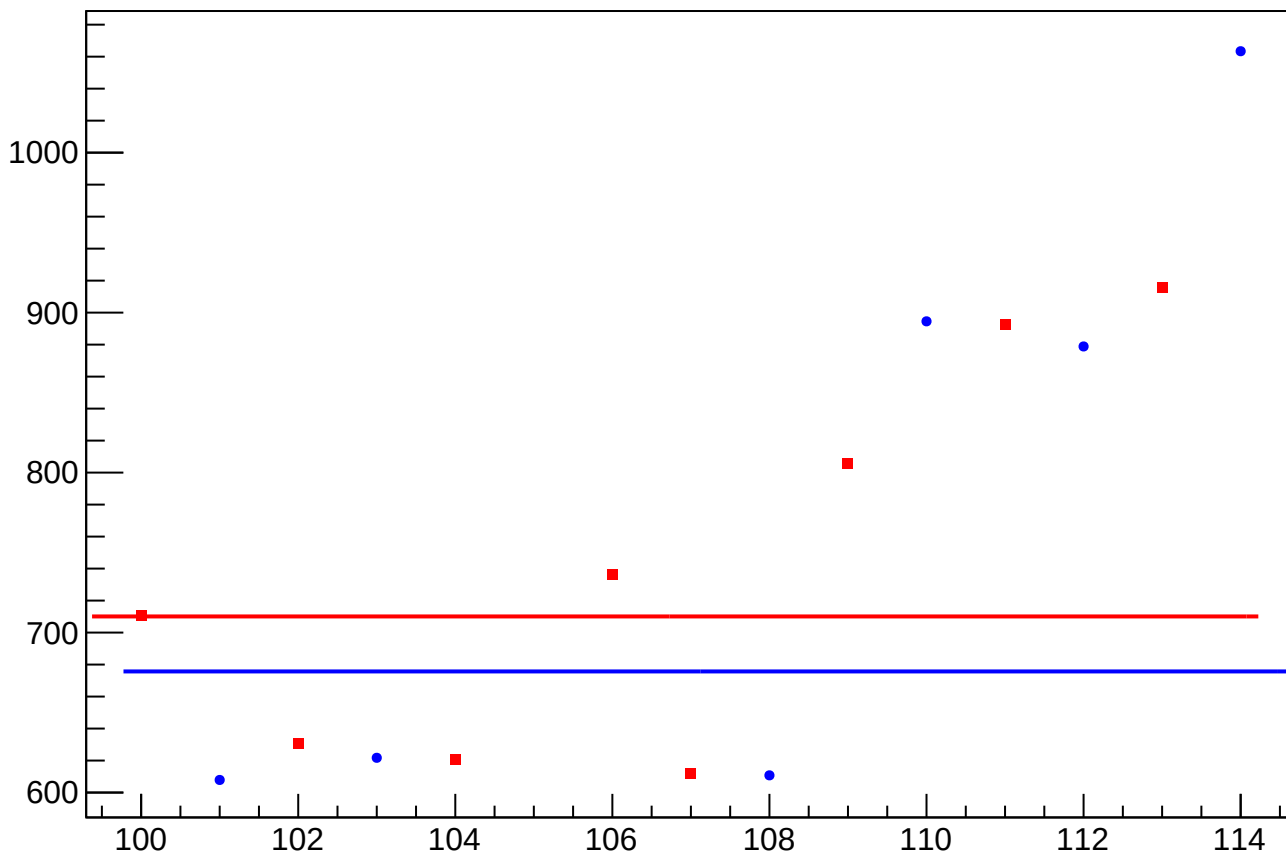
Right: 22.605+/-289.717 χ^2/NDF : 8.0/13

In: 170.717+/-422.057 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.605+/-289.717 χ^2/NDF : 8.0/13

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

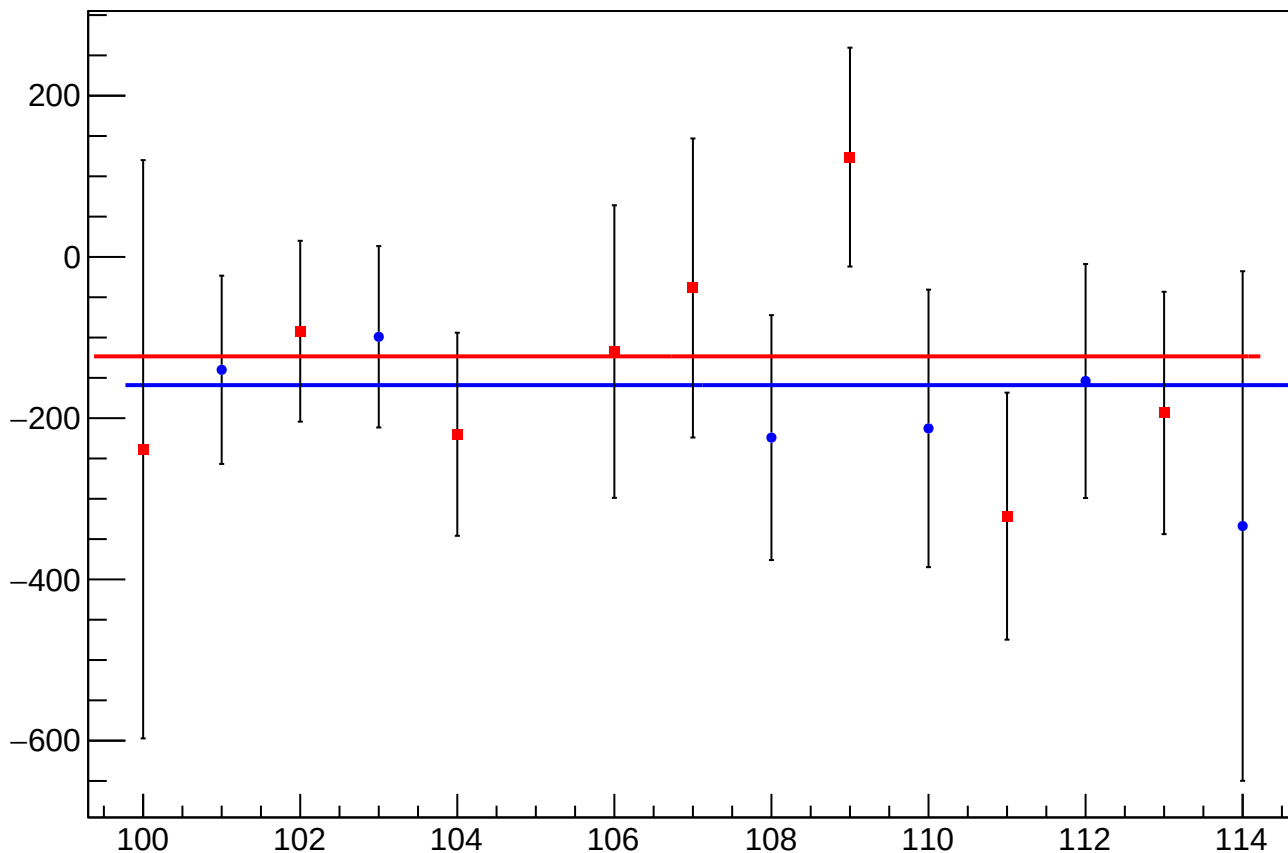
Right: 693.888 $\pm$ 0.205 χ^2 /NDF: 326217.9/13

In: 675.712 $\pm$ 0.298 χ^2 /NDF:163270.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 693.888 $\pm$ 0.205 χ^2 /NDF: 326217.9/13

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

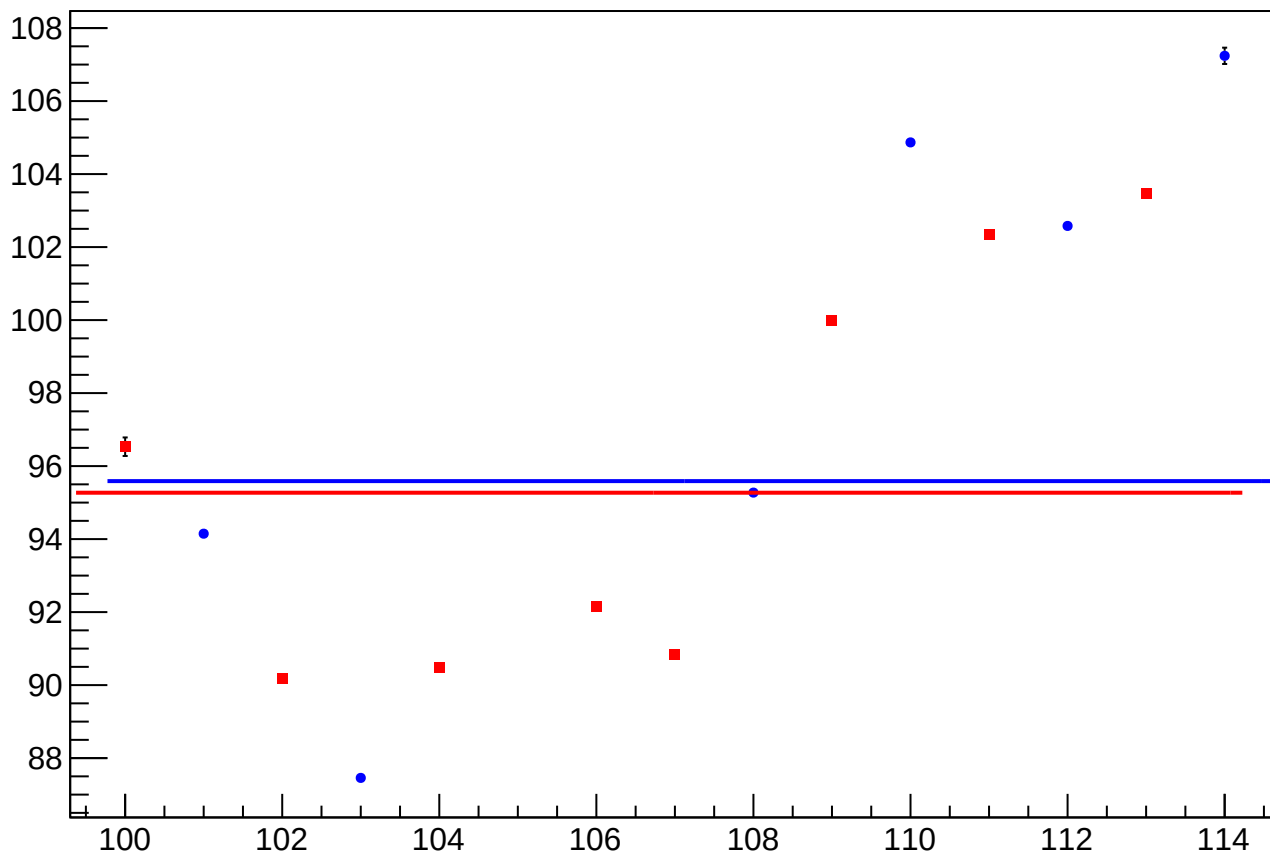
Right: -139.396+/-39.597 χ^2/NDF : 7.3/13

In: -159.025+/-59.036 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.396+/-39.597 χ^2/NDF : 7.3/13

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

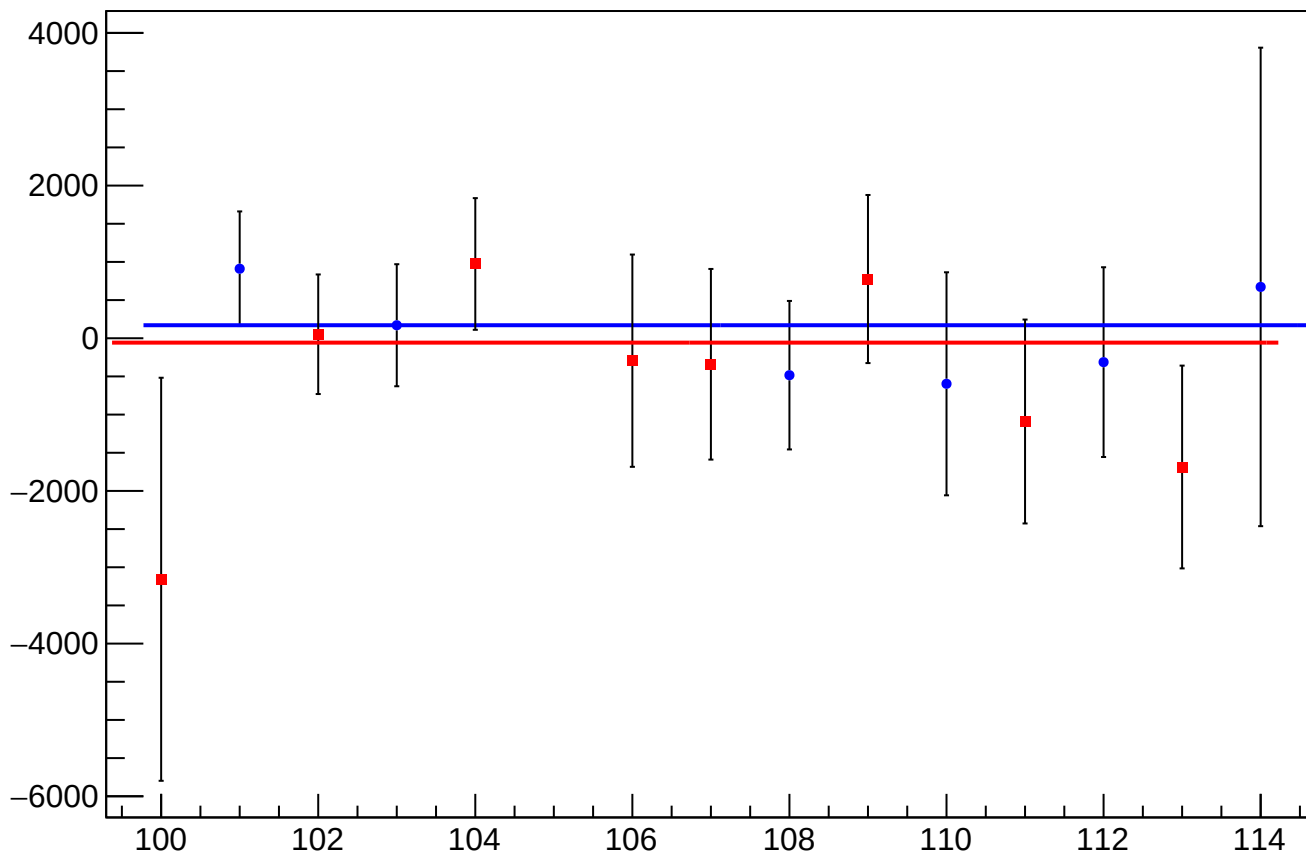
Right: 95.414+/-0.028 χ^2/NDF : 45397.0/13

In: 95.589+/-0.042 χ^2/NDF : 23932.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.414+/-0.028 χ^2/NDF : 45397.0/13

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

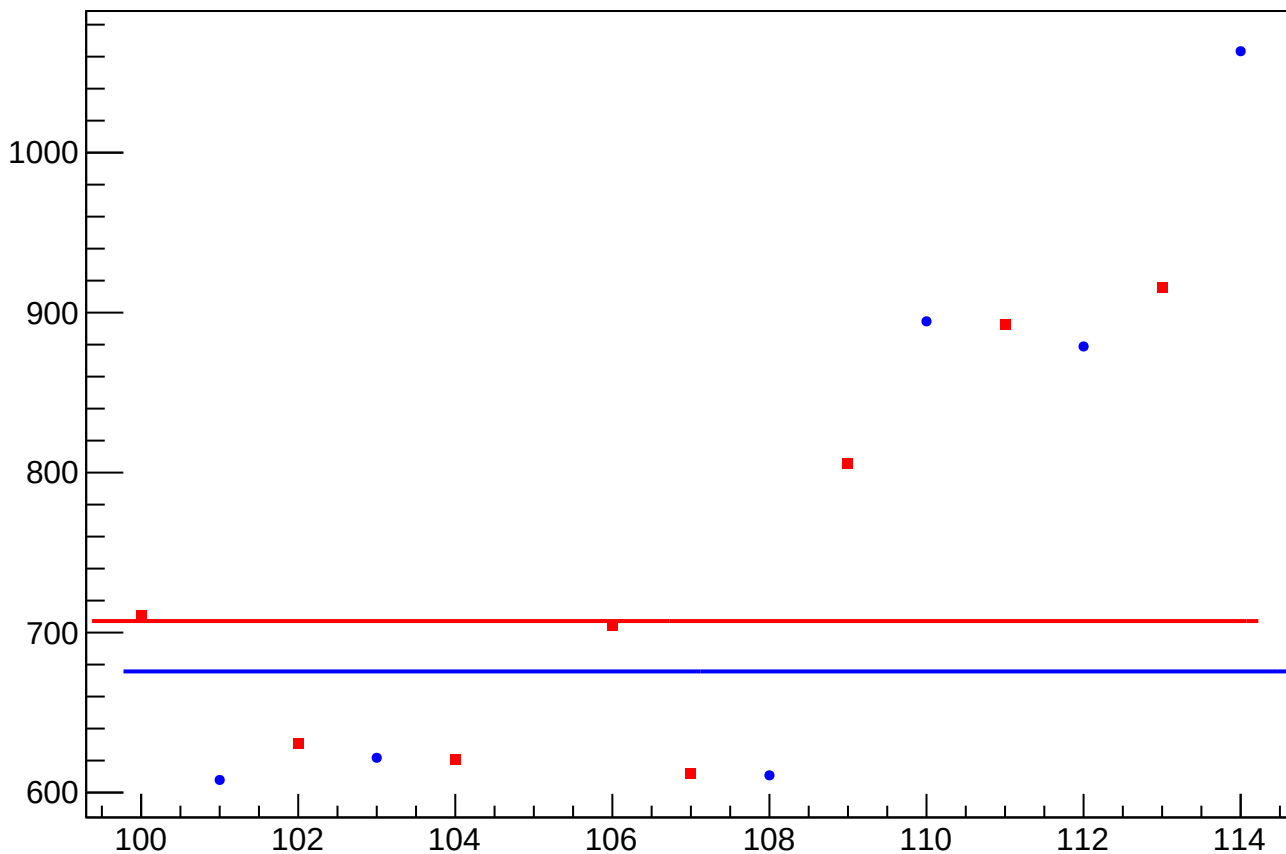
Right: 50.750+/-290.588 χ^2/NDF : 7.6/13

In: 170.679+/-422.060 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.750+/-290.588 χ^2/NDF : 7.6/13

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 675.716+/-0.298 χ^2/NDF : 163265.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 707.213+/-0.283 χ^2/NDF : 154897.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

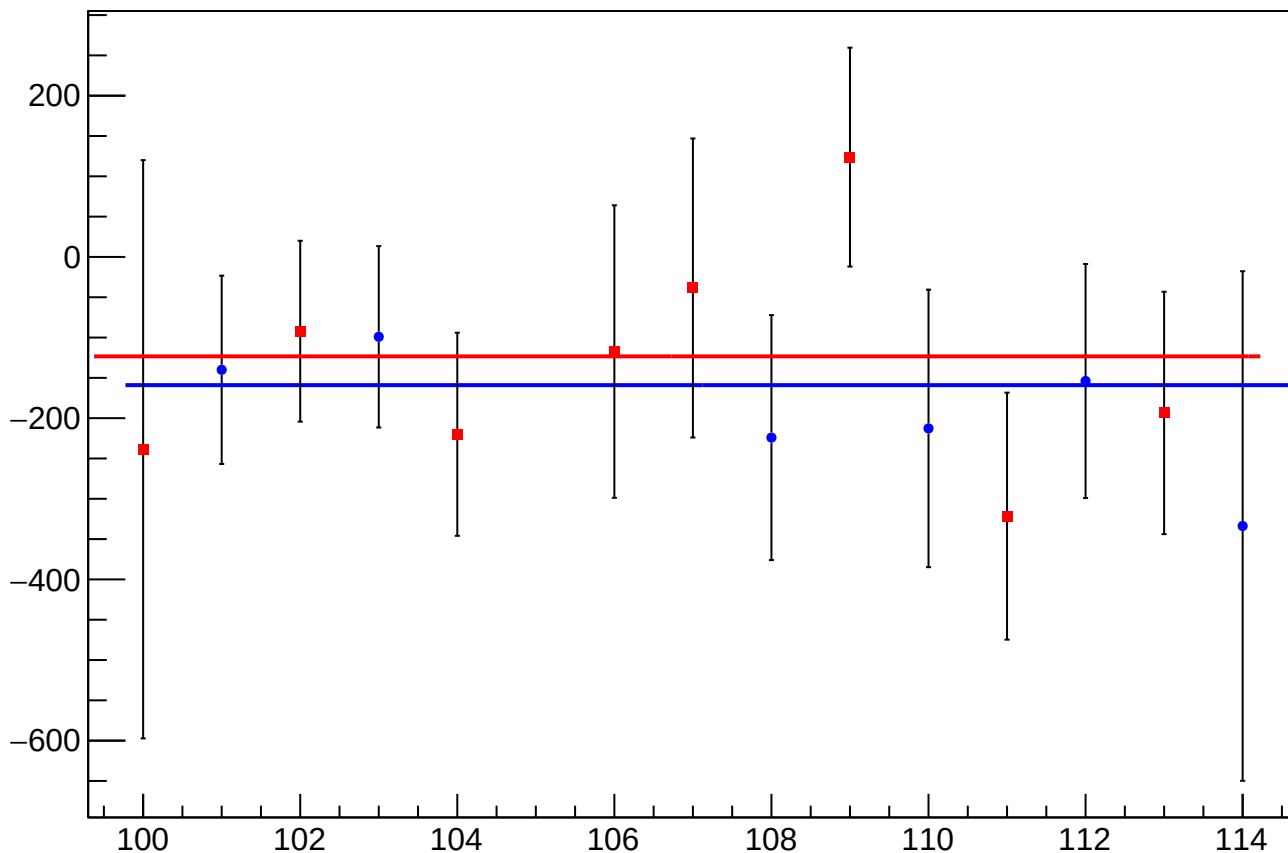
Right: 692.282+/-0.205 χ^2/NDF : 324021.9/13

In: 675.716+/-0.298 χ^2/NDF : 163265.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.282+/-0.205 χ^2/NDF : 324021.9/13

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

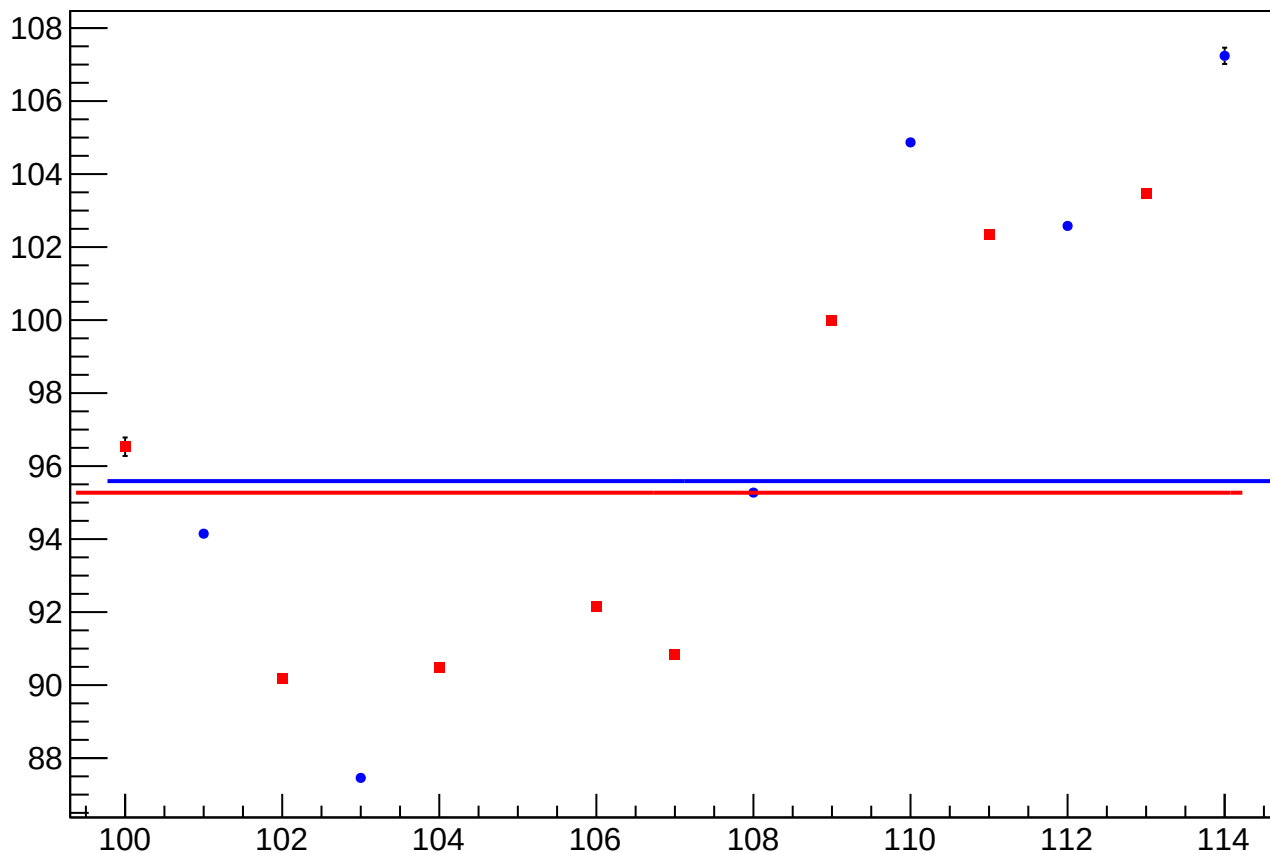
Right: -139.396+/-39.597 χ^2/NDF : 7.3/13

In: -159.025+/-59.036 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.396+/-39.597 χ^2/NDF : 7.3/13

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

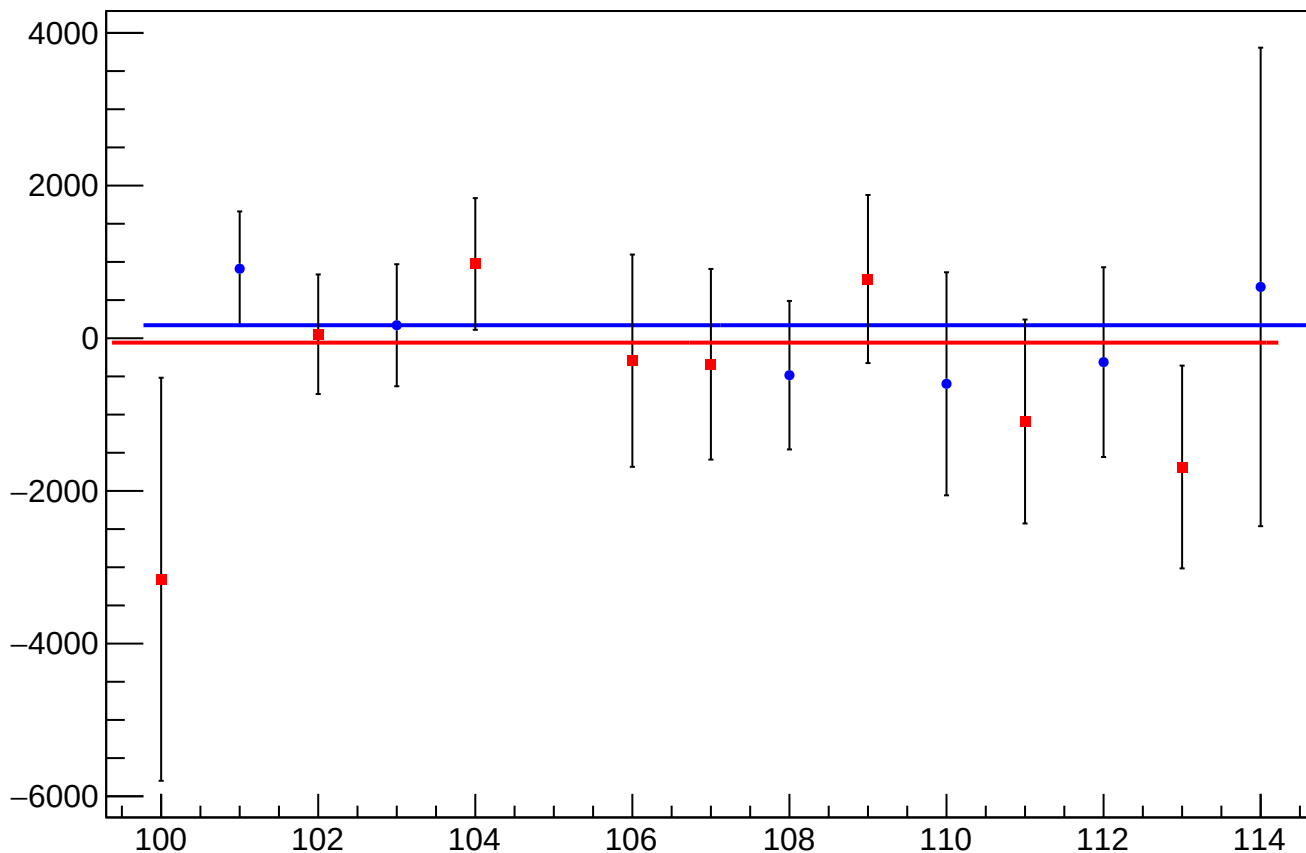
Right: 95.414+/-0.028 χ^2 /NDF: 45397.0/13

In: 95.589+/-0.042 χ^2 /NDF:23932.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 95.414+/-0.028 χ^2 /NDF: 45397.0/13

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

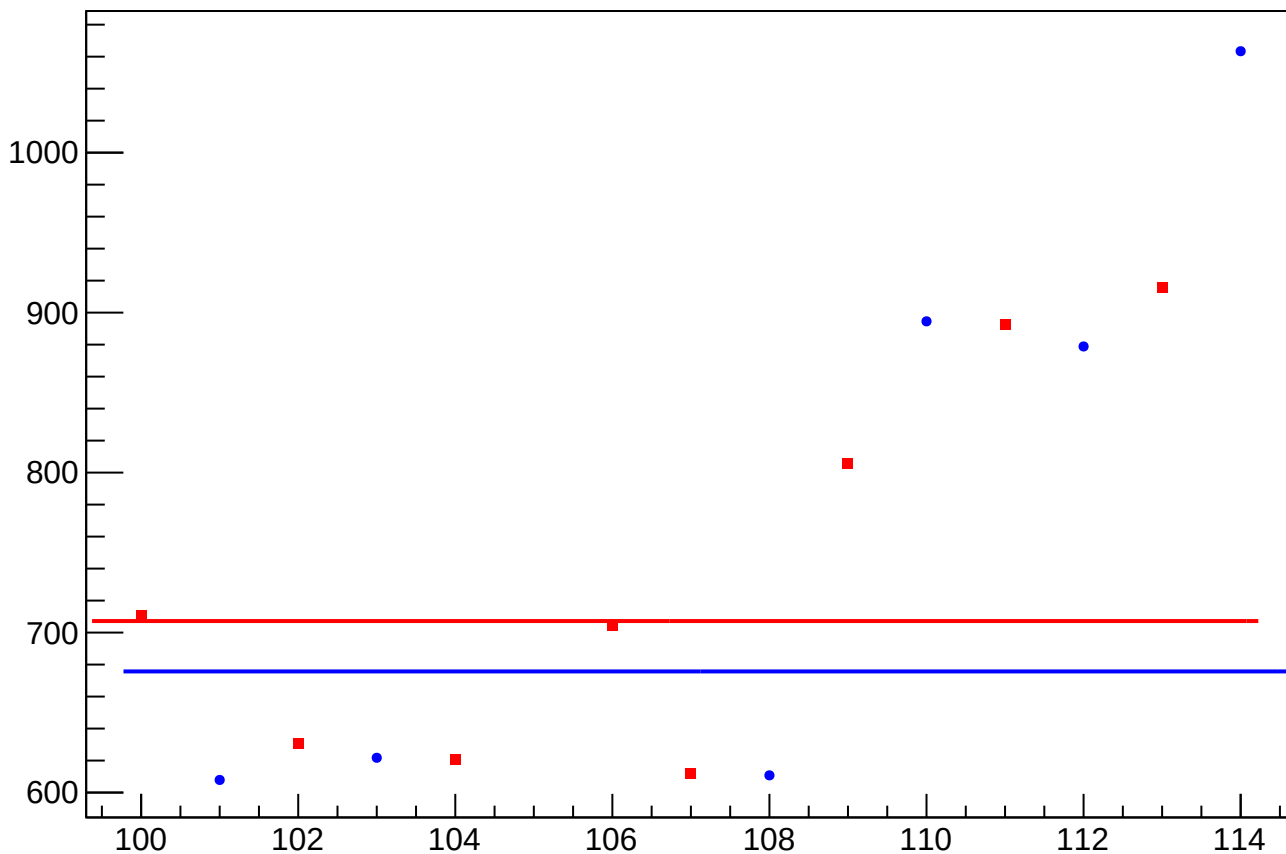
Right: 50.750+/-290.588 χ^2/NDF : 7.6/13

In: 170.679+/-422.060 χ^2/NDF : 1.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.750+/-290.588 χ^2/NDF : 7.6/13

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 675.716+/-0.298 χ^2/NDF : 163265.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 707.213+/-0.283 χ^2/NDF : 154897.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

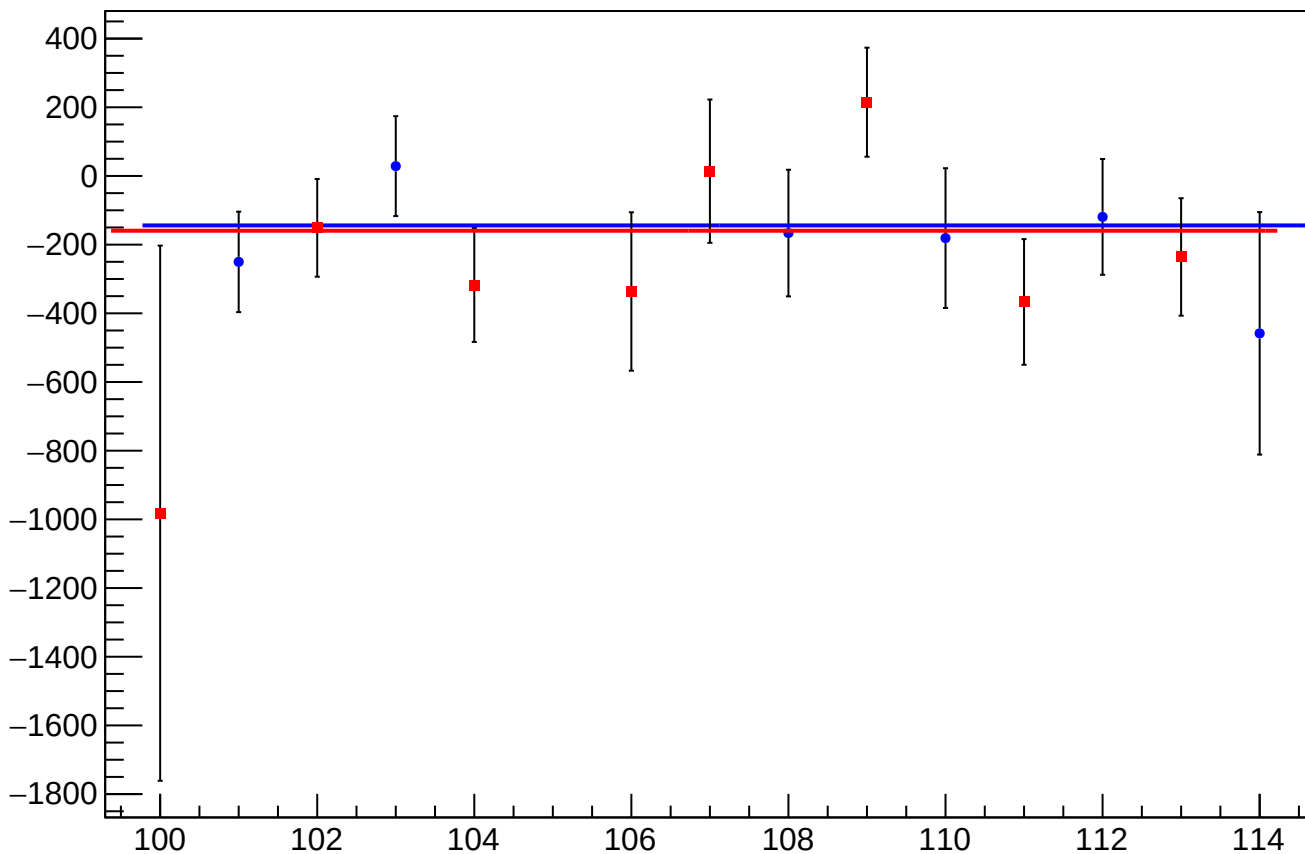
Right: 692.282+/-0.205 χ^2/NDF : 324021.9/13

In: 675.716+/-0.298 χ^2/NDF : 163265.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.282+/-0.205 χ^2/NDF : 324021.9/13

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -144.018 $\pm$ 72.402 χ^2 /NDF: 2.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -159.468 $\pm$ 65.529 χ^2 /NDF: 10.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

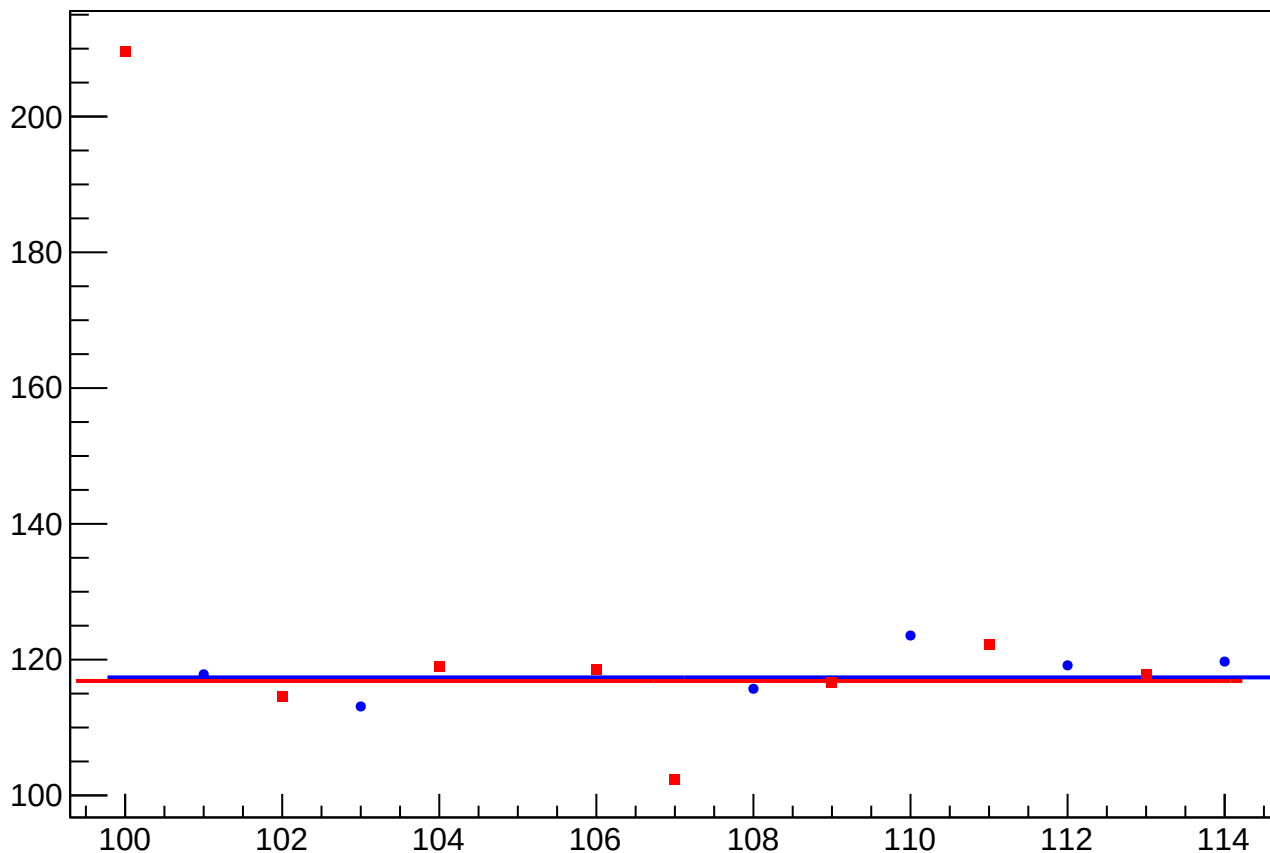
Right: -152.511 $\pm$ 48.585 χ^2 /NDF: 13.2/13

In: -144.018 $\pm$ 72.402 χ^2 /NDF:2.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -152.511 $\pm$ 48.585 χ^2 /NDF: 13.2/13

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

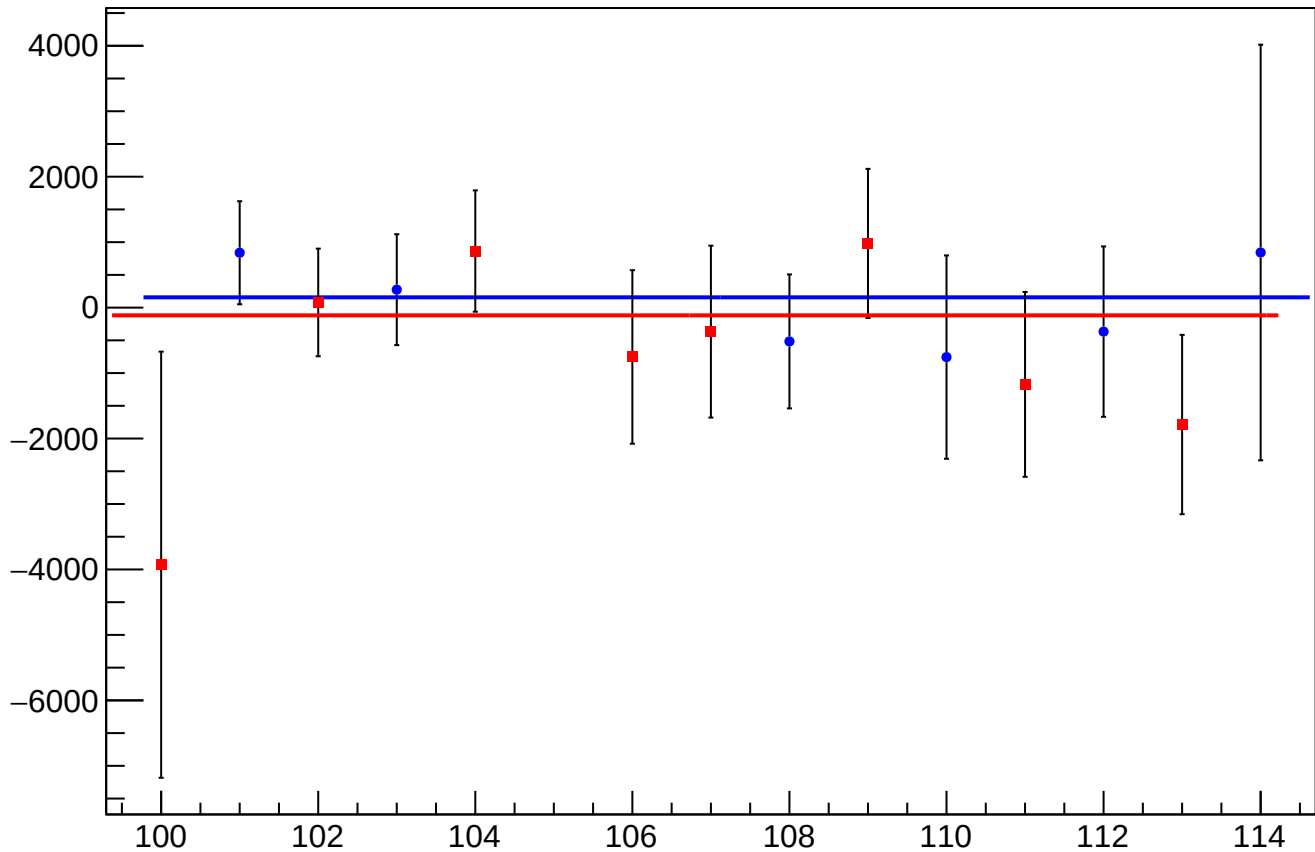
Right: 117.095 $\pm$ 0.034 χ^2 /NDF: 44924.6/13

In: 117.382 $\pm$ 0.051 χ^2 /NDF:4061.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.095 $\pm$ 0.034 χ^2 /NDF: 44924.6/13

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

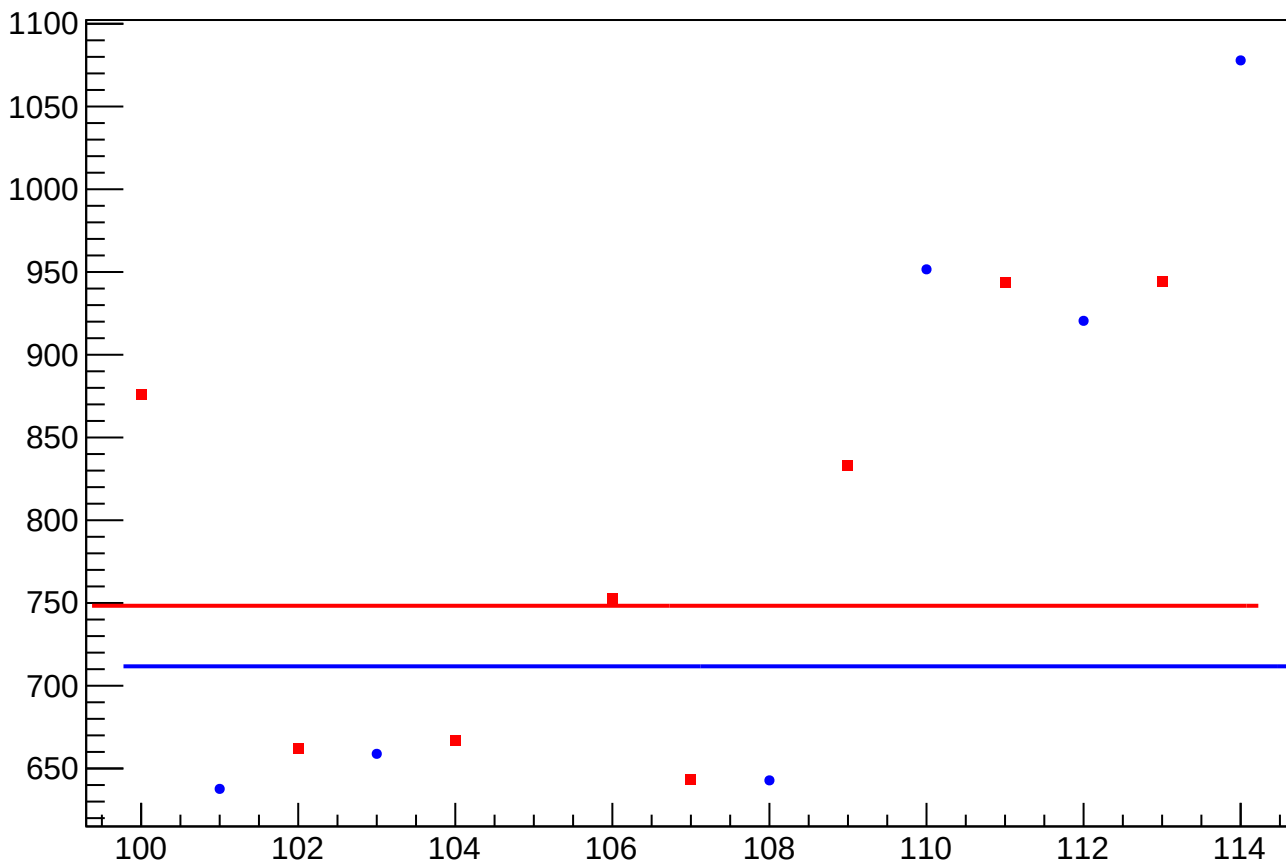
Right: 11.478 $\pm$ 304.883 χ^2 /NDF: 7.7/13

In: 157.207 $\pm$ 444.296 χ^2 /NDF: 1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.478 $\pm$ 304.883 χ^2 /NDF: 7.7/13

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

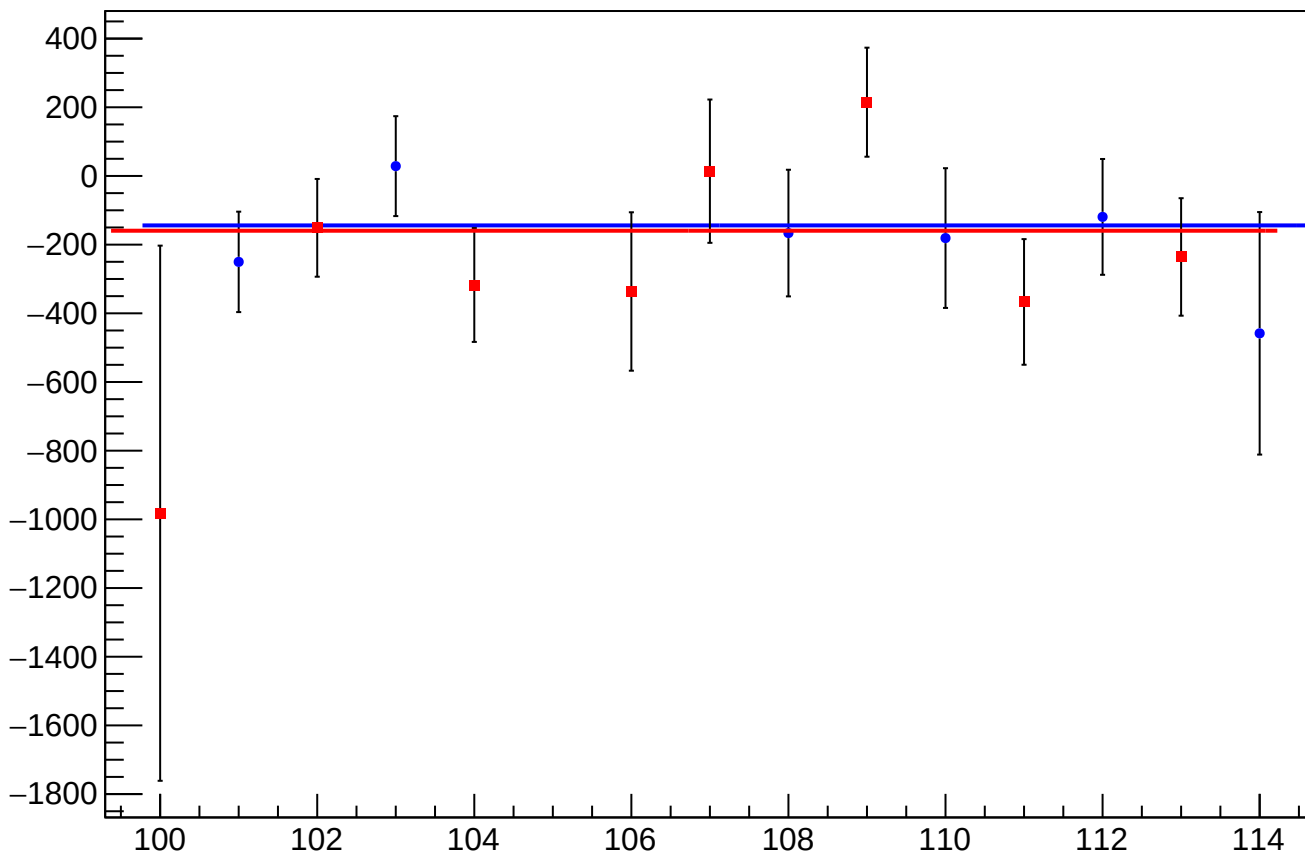
Right: 731.089+/-0.216 χ^2/NDF : 311025.1/13

In: 711.730+/-0.314 χ^2/NDF : 160309.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.089+/-0.216 χ^2/NDF : 311025.1/13

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

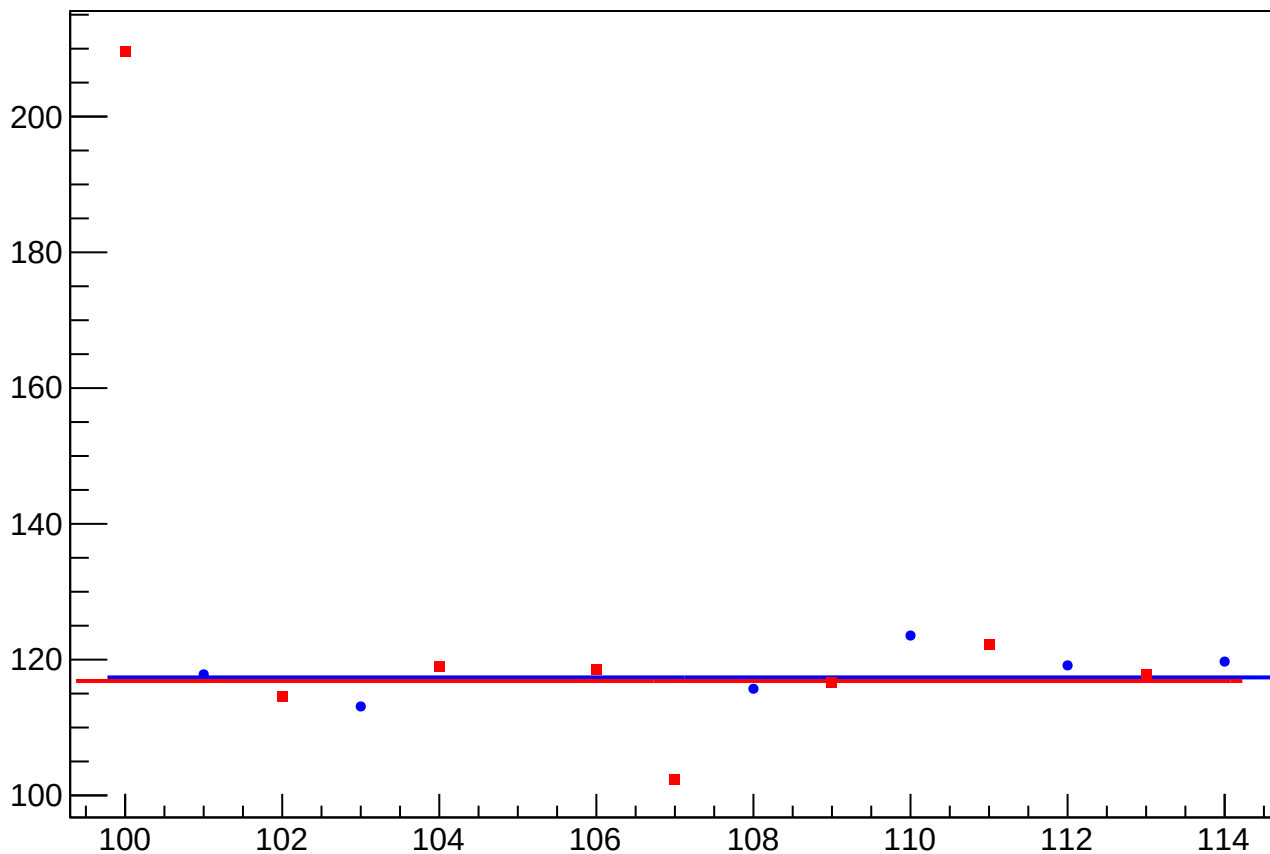
Right: -152.507 $\pm$ 48.584 χ^2 /NDF: 13.2/13

In: -144.012 $\pm$ 72.401 χ^2 /NDF:2.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -152.507 $\pm$ 48.584 χ^2 /NDF: 13.2/13

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 117.381+/-0.051 χ^2/NDF : 4060.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.859+/-0.046 χ^2/NDF : 40804.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

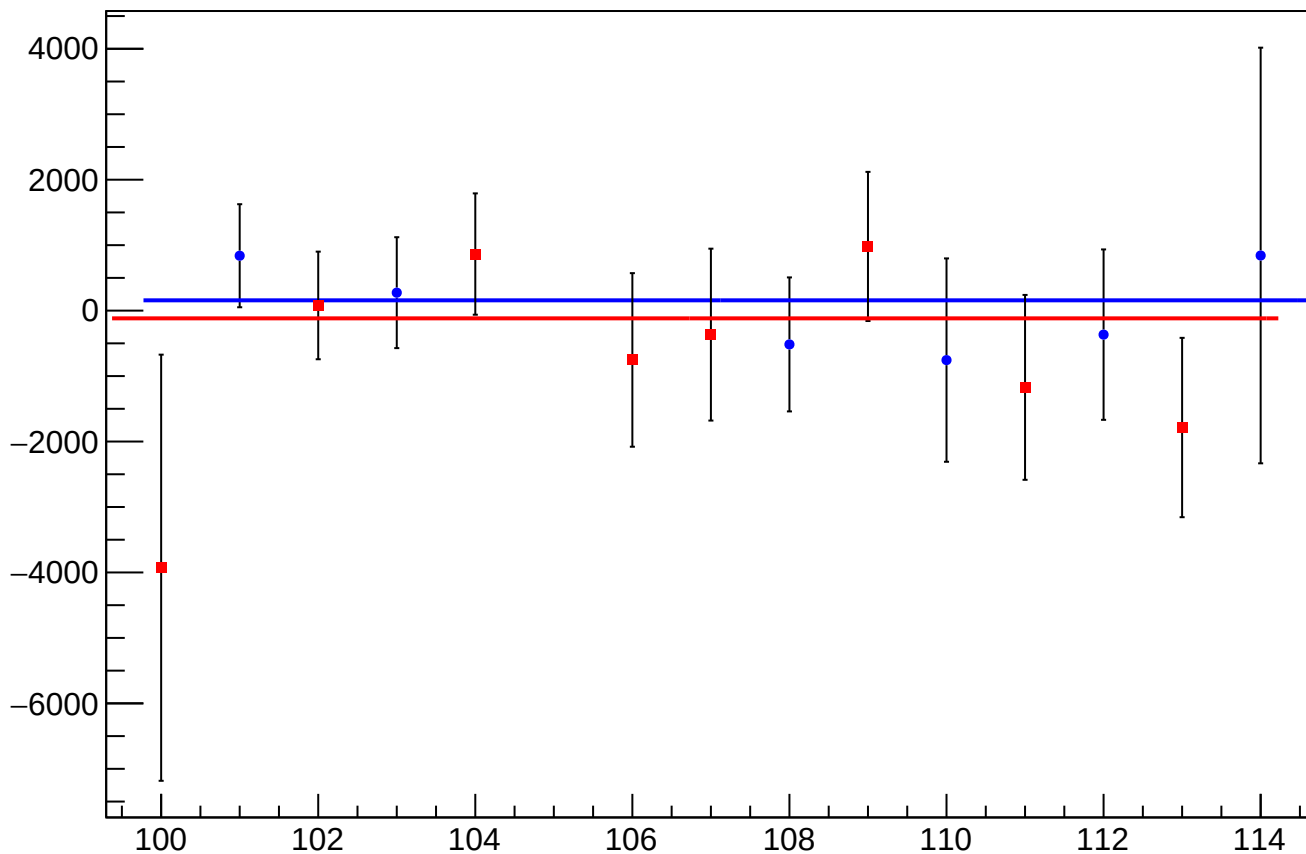
Right: 117.094+/-0.034 χ^2/NDF : 44921.4/13

In: 117.381+/-0.051 χ^2/NDF : 4060.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.094+/-0.034 χ^2/NDF : 44921.4/13

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 157.209+/-444.294 χ^2/NDF : 1.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.218+/-419.141 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

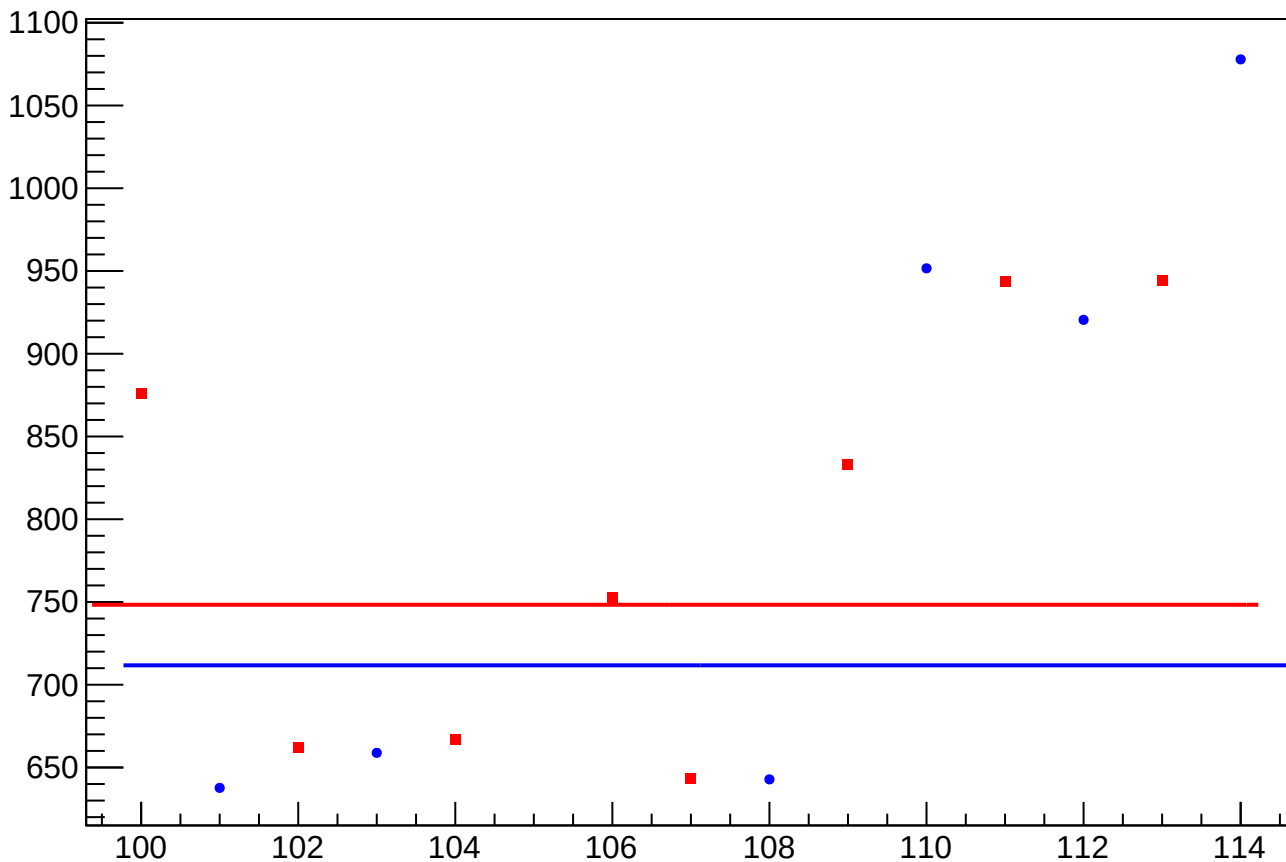
Right: 11.479+/-304.882 χ^2/NDF : 7.7/13

In: 157.209+/-444.294 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.479+/-304.882 χ^2/NDF : 7.7/13

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 711.729+/-0.314 χ^2/NDF : 160304.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 748.317+/-0.296 χ^2/NDF : 143536.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

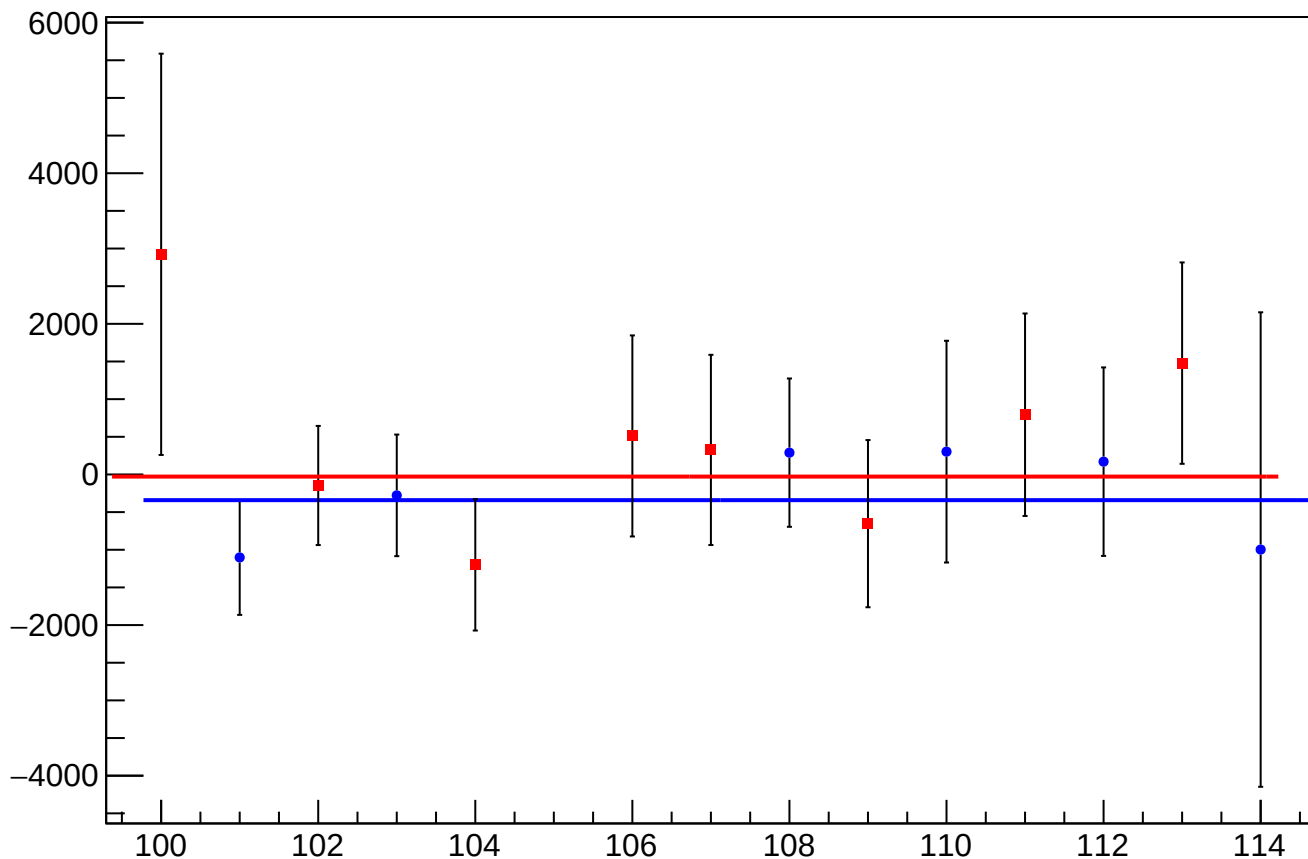
Right: 731.088+/-0.216 χ^2/NDF : 311017.7/13

In: 711.729+/-0.314 χ^2/NDF : 160304.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.088+/-0.216 χ^2/NDF : 311017.7/13

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

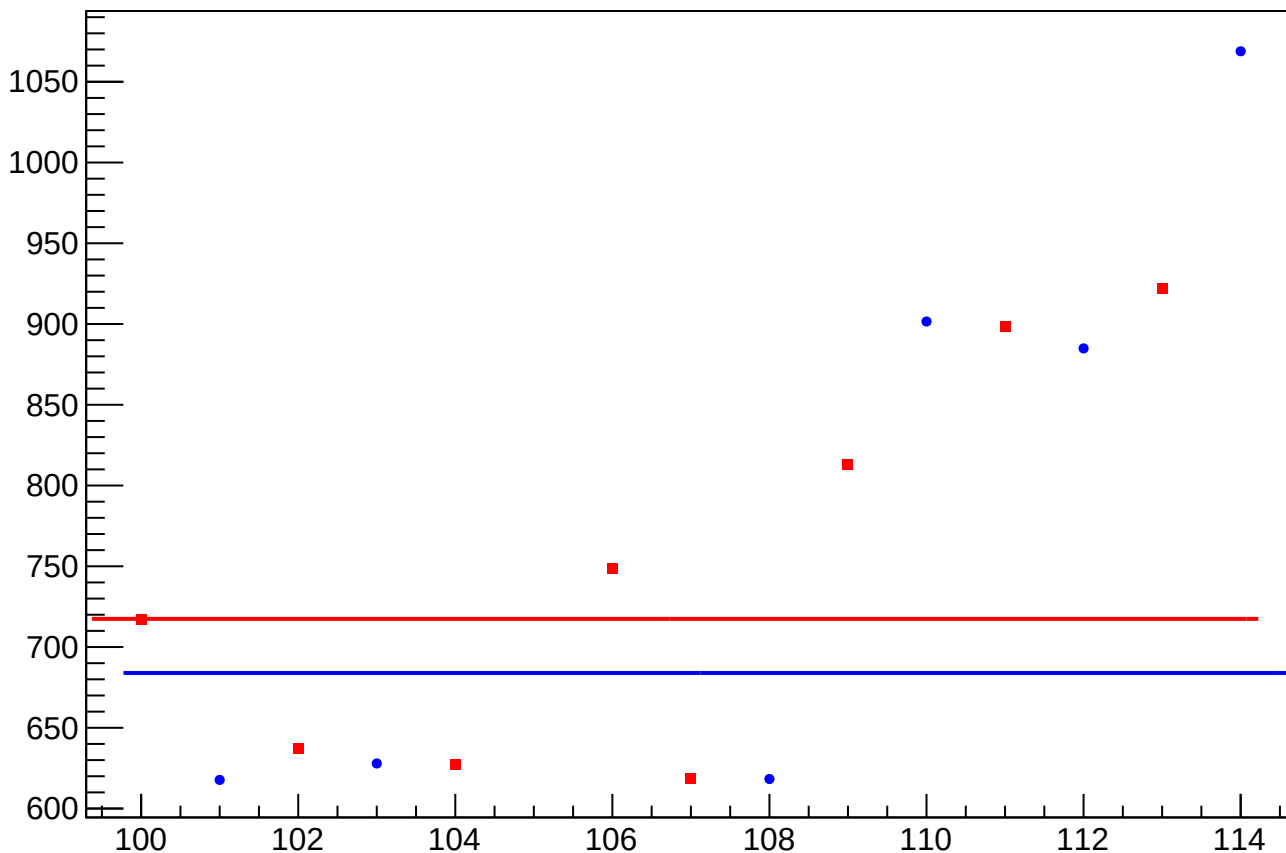
Right: -175.606+/-292.965 χ^2/NDF : 7.4/13

In: -341.326+/-427.023 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.606+/-292.965 χ^2/NDF : 7.4/13

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

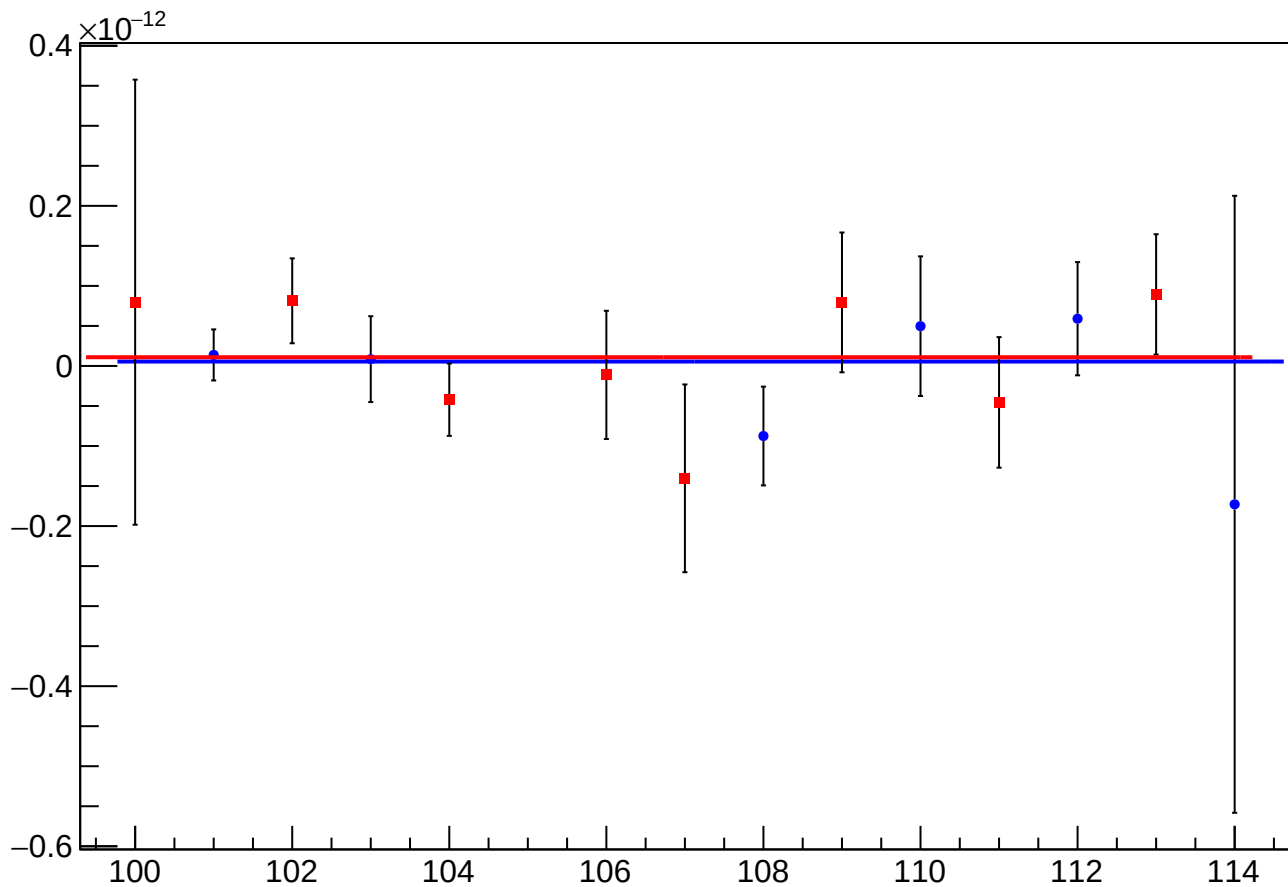
Right: 701.683+/-0.207 χ^2/NDF : 318371.0/13

In: 683.954+/-0.302 χ^2/NDF : 158726.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.683+/-0.207 χ^2/NDF : 318371.0/13

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

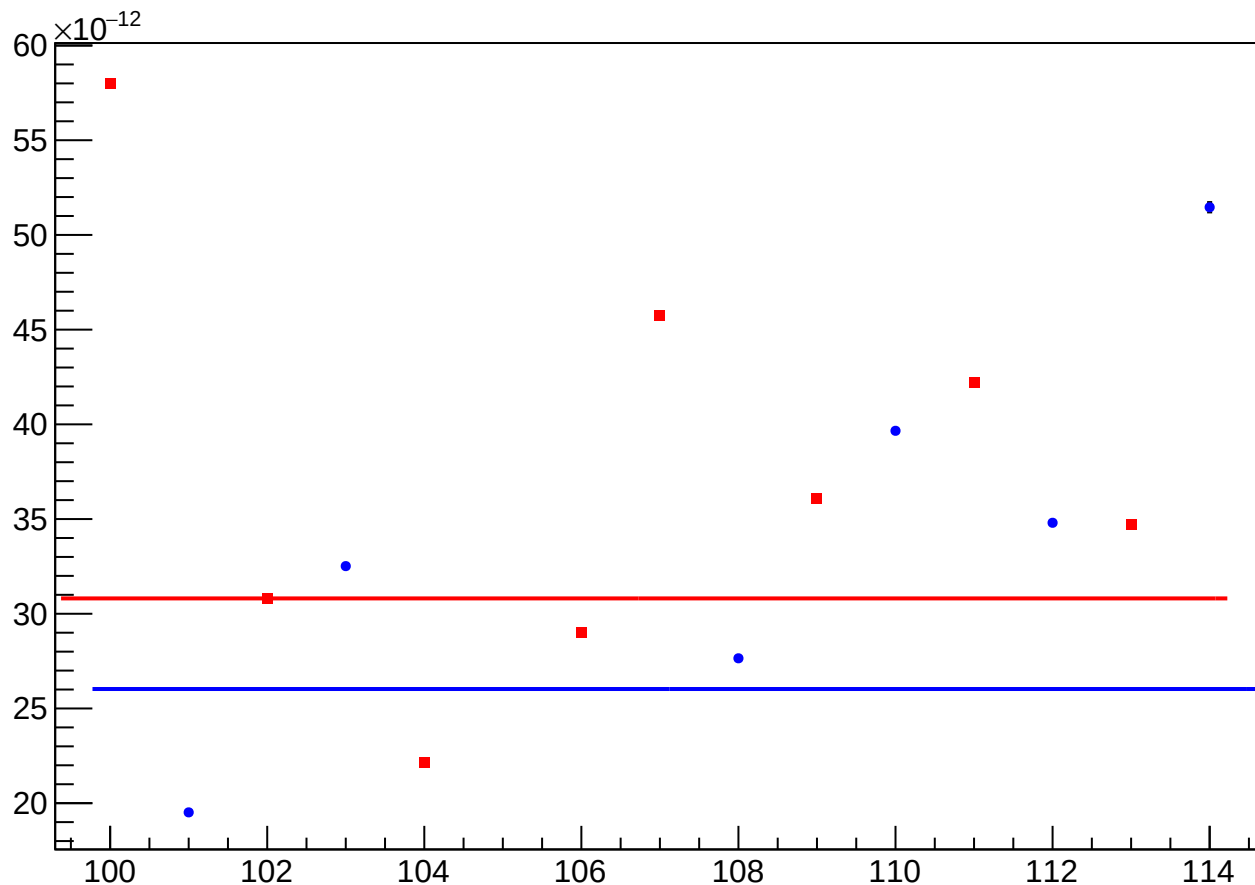
Right: 0.000+/-0.000 χ^2/NDF : 10.5/13

In: 0.000+/-0.000 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/13

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

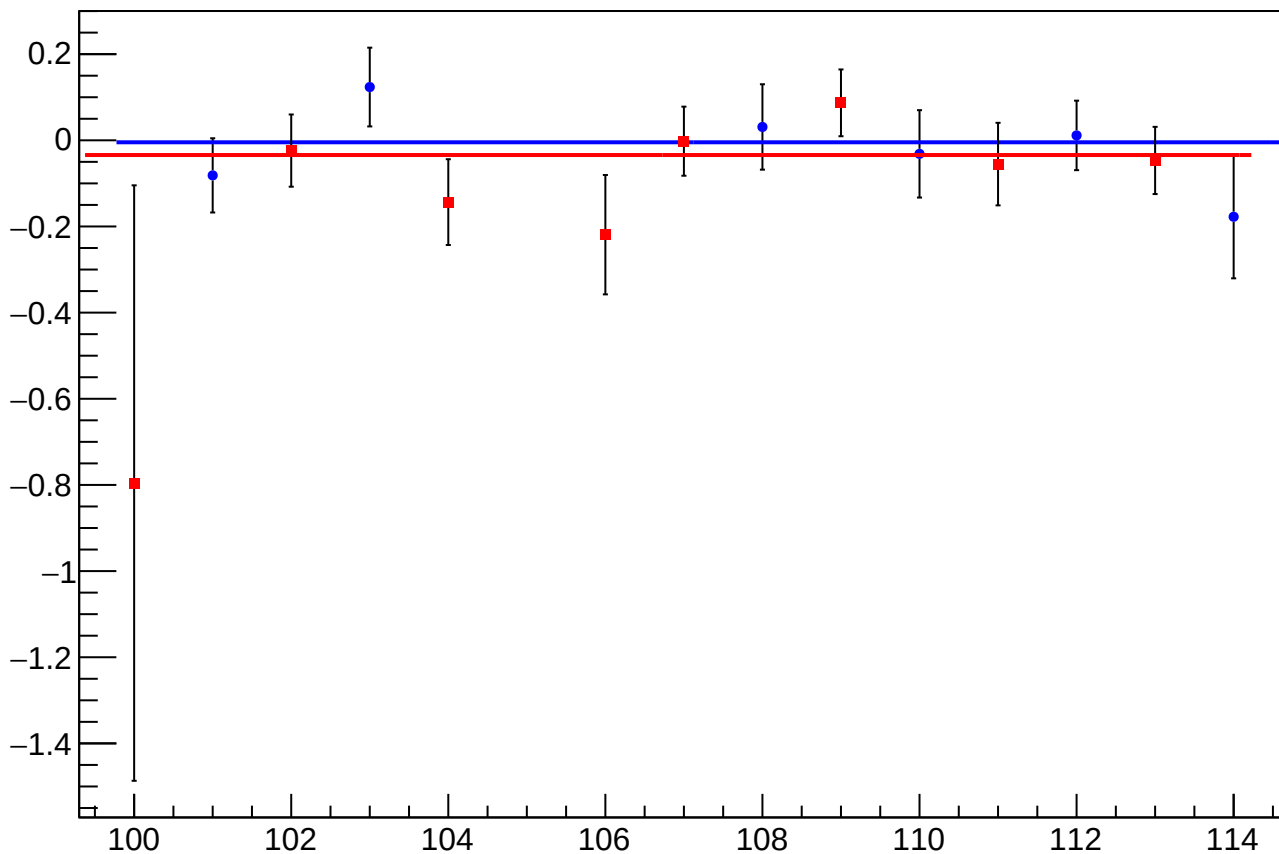
Right: 0.000+/-0.000 χ^2/NDF : 419403.3/13

In: 0.000+/-0.000 χ^2/NDF : 202426.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 419403.3/13

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.039 χ^2 /NDF: 4.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.034+/-0.033 χ^2 /NDF: 6.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

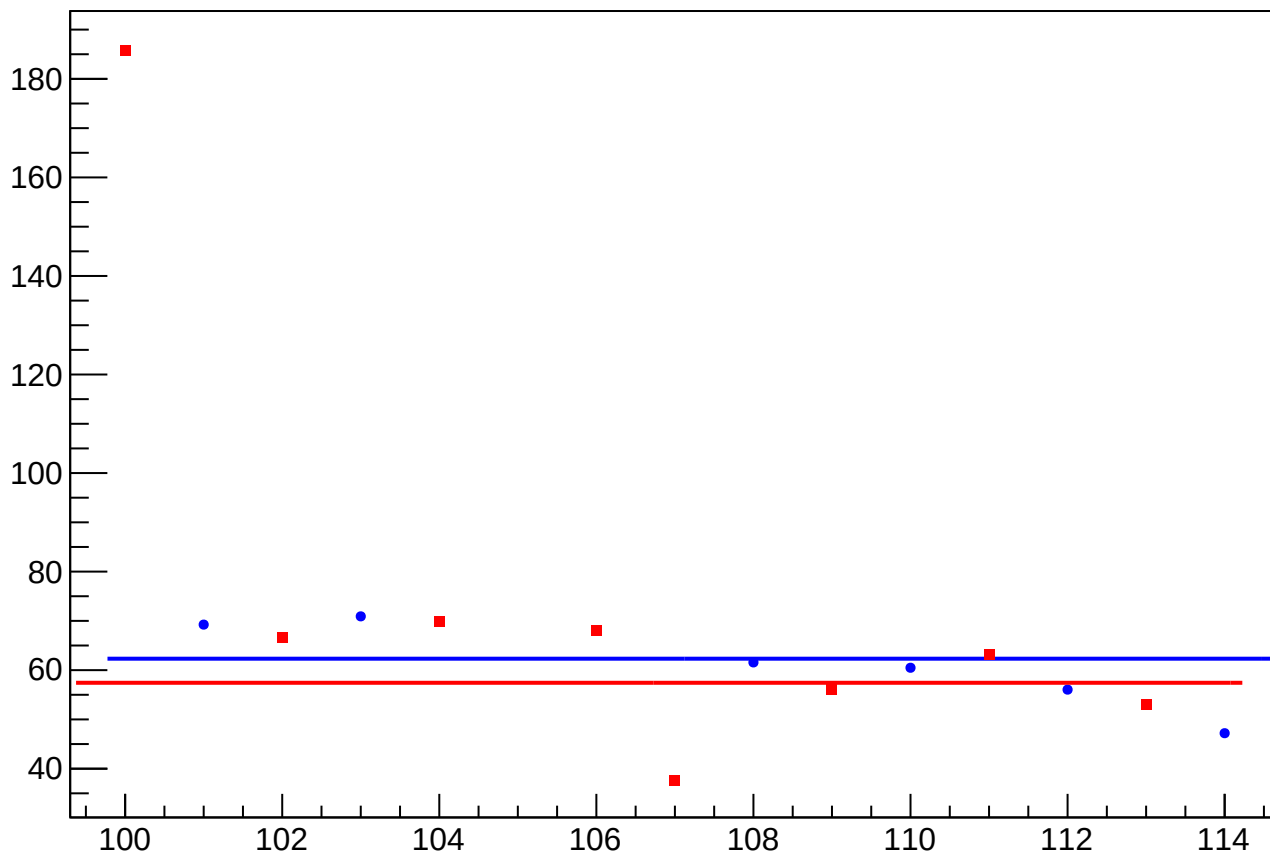
Right: -0.022+/-0.025 χ^2 /NDF: 11.7/13

In: -0.005+/-0.039 χ^2 /NDF:4.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.025 χ^2 /NDF: 11.7/13

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

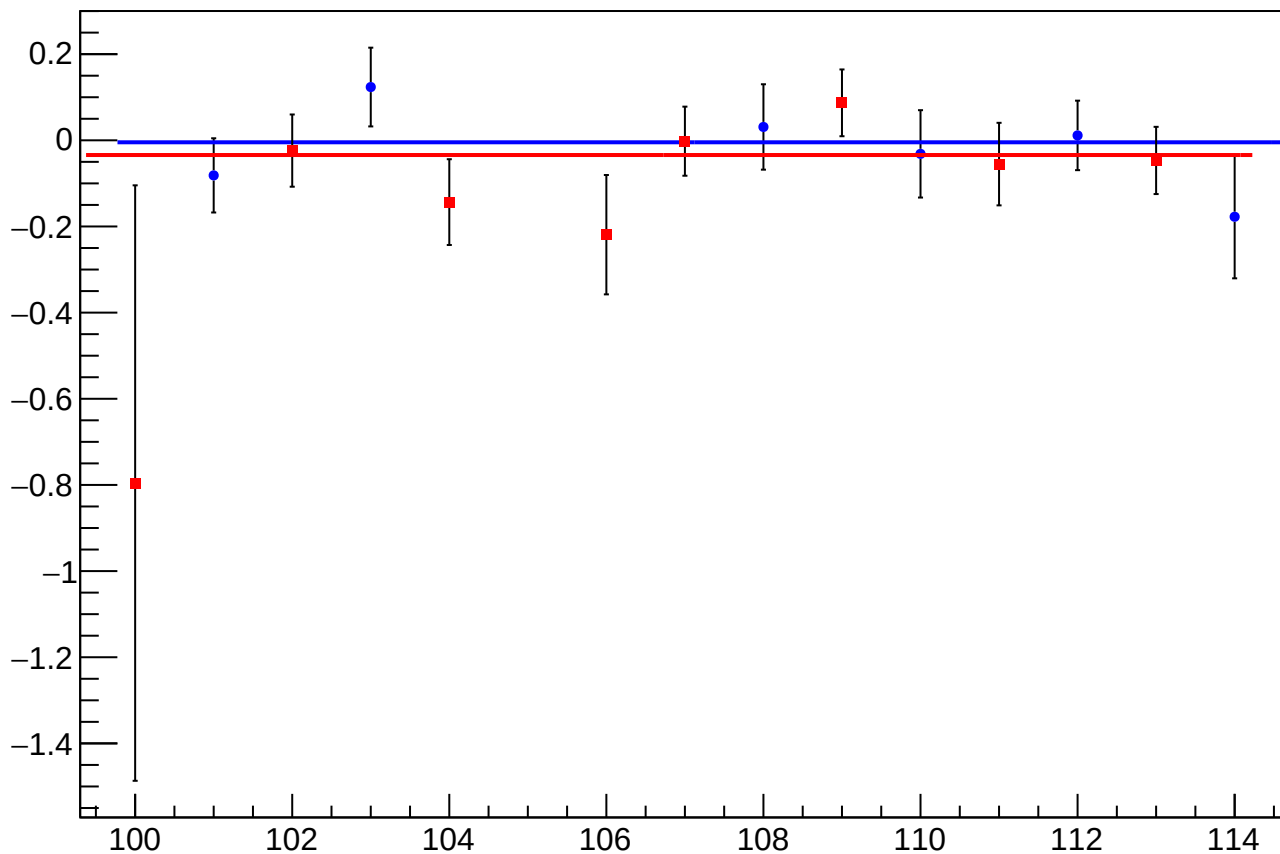
Right: 59.507+/-0.018 χ^2/NDF : 357173.5/13

In: 62.324+/-0.028 χ^2/NDF : 65850.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.507+/-0.018 χ^2/NDF : 357173.5/13

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.039 χ^2/NDF : 4.5/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.034 ± 0.033 χ^2/NDF : 6.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

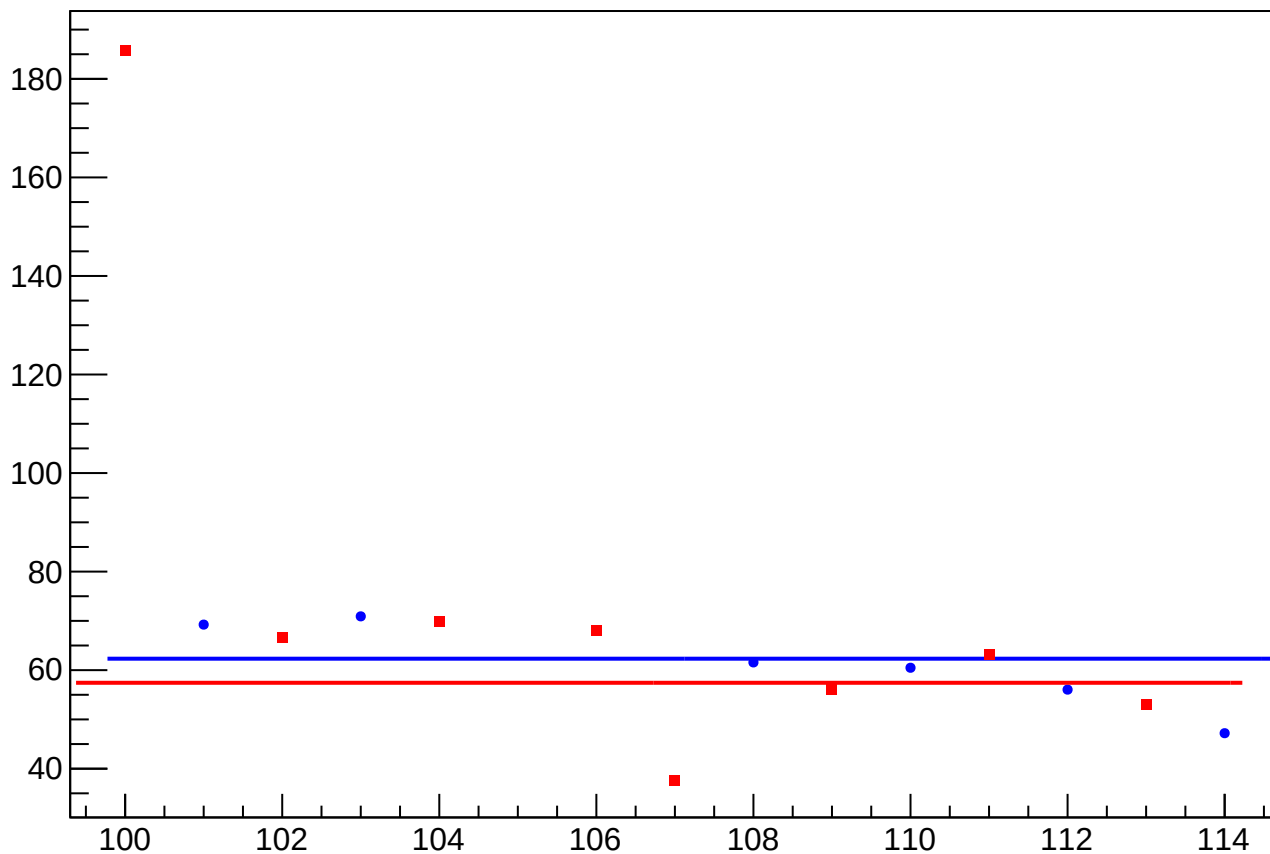
Right: -0.022 ± 0.025 χ^2/NDF : 11.7/13

In: -0.005 ± 0.039 χ^2/NDF : 4.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.025 χ^2/NDF : 11.7/13

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

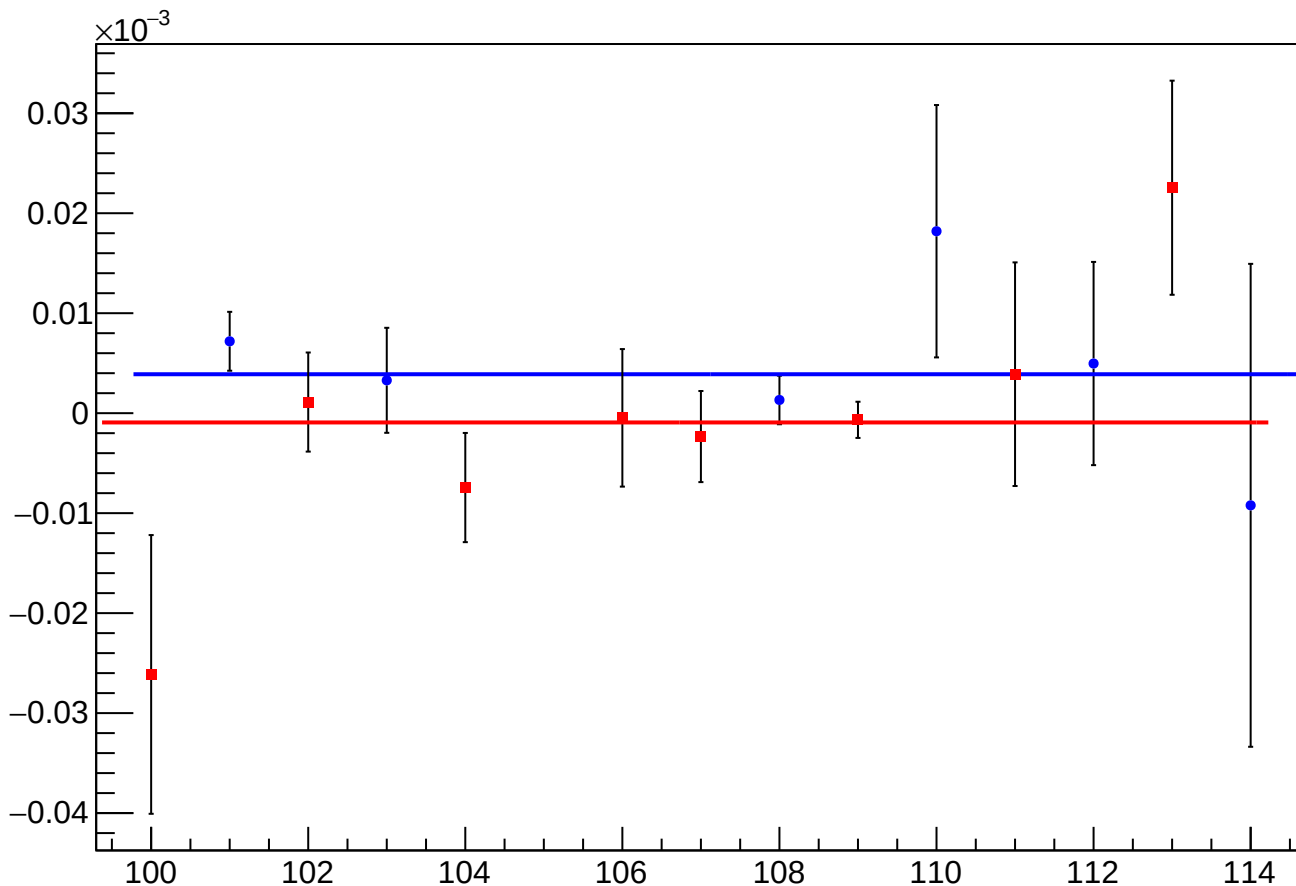
Right: 59.507+/-0.018 χ^2/NDF : 357173.5/13

In: 62.324+/-0.028 χ^2/NDF : 65850.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.507+/-0.018 χ^2/NDF : 357173.5/13

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

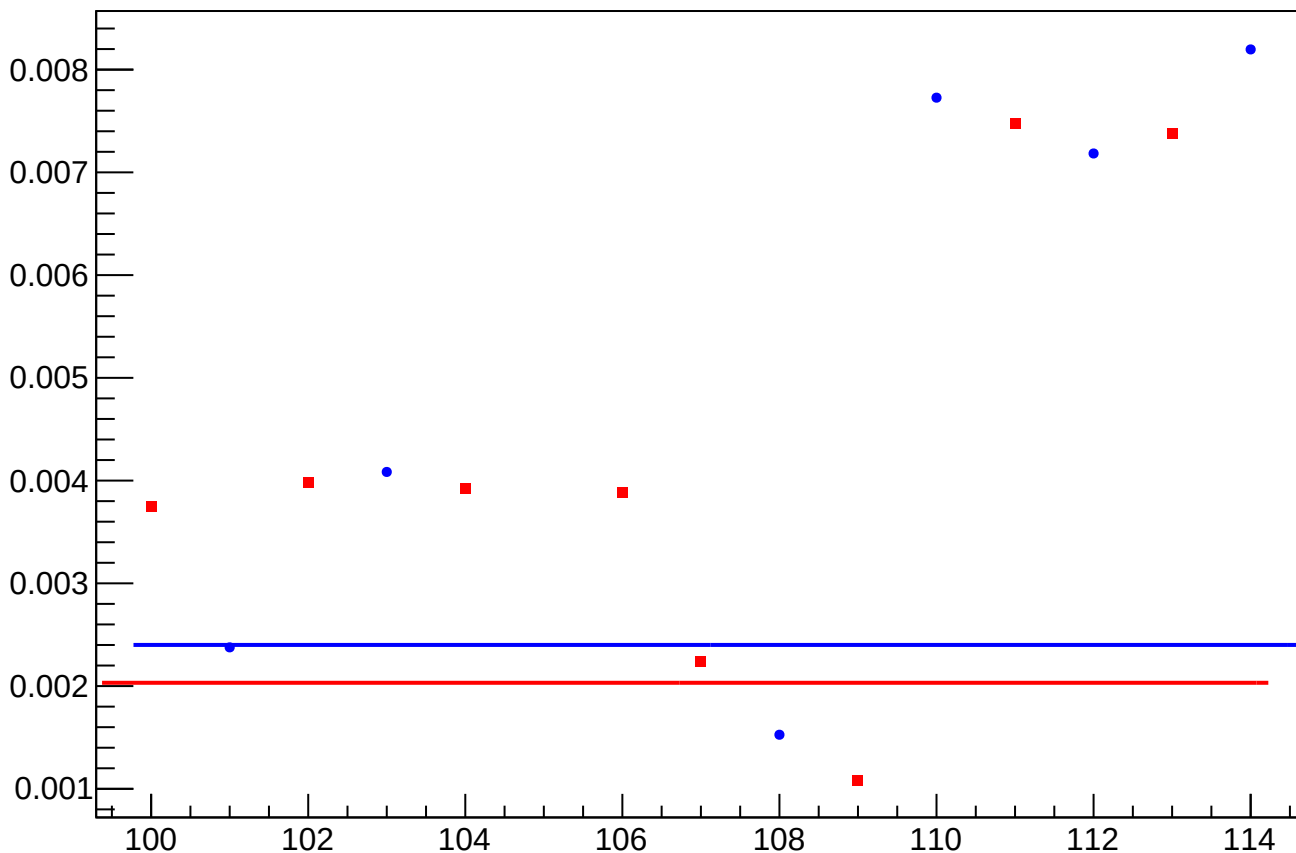
Right: 0.000+/-0.000 χ^2/NDF : 18.5/13

In: 0.000+/-0.000 χ^2/NDF : 4.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.5/13

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

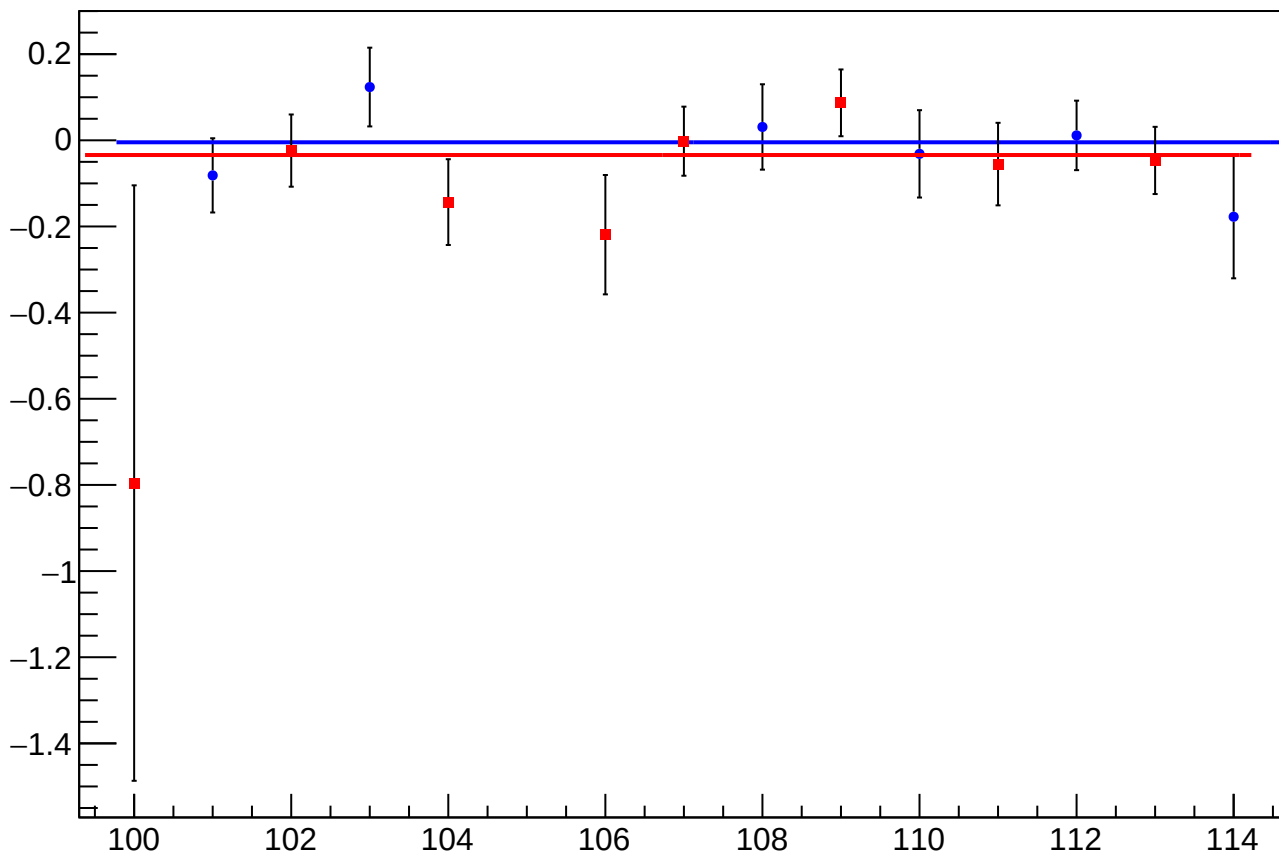
Right: 0.002+/-0.000 χ^2/NDF : 3688918.4/13

In: 0.002+/-0.000 χ^2/NDF : 1378767.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3688918.4/13

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.039 χ^2 /NDF: 4.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.034+/-0.033 χ^2 /NDF: 6.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

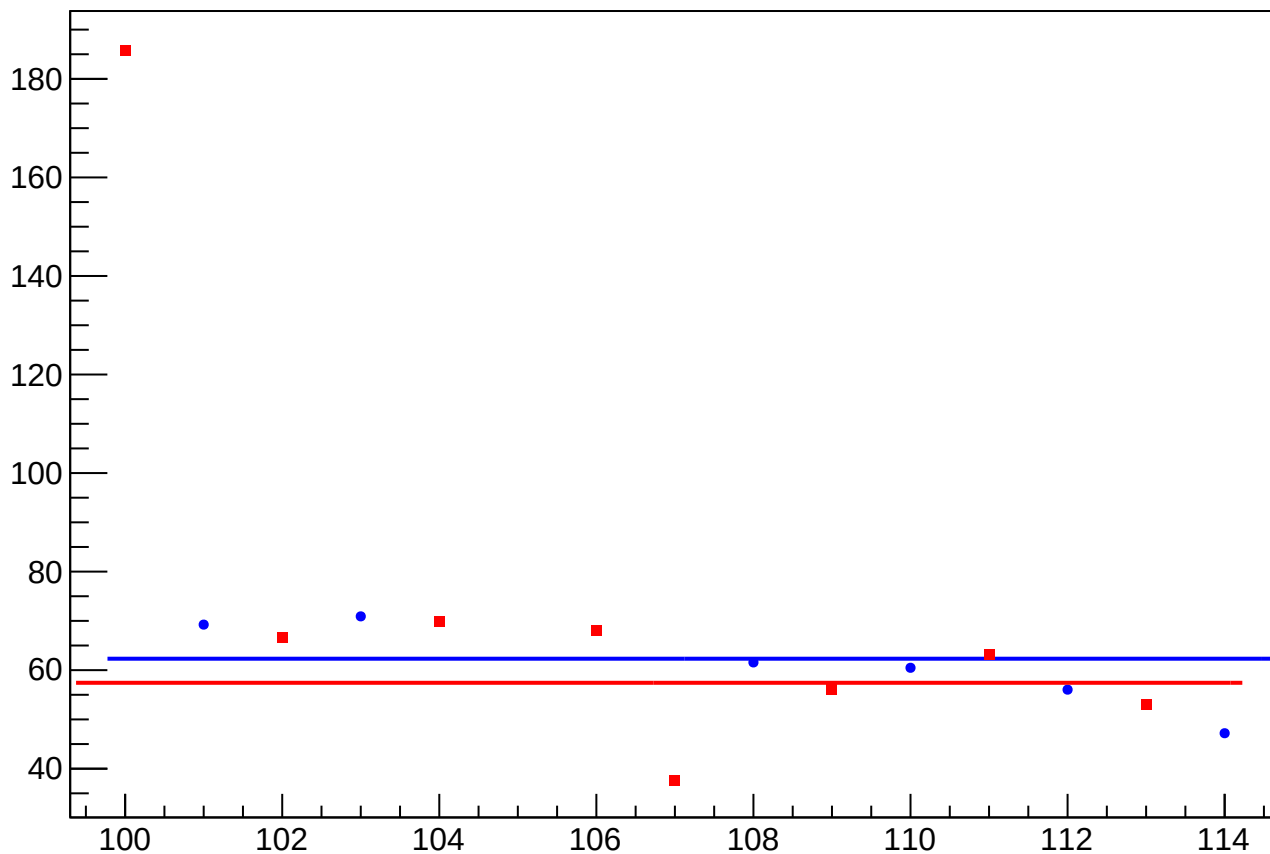
Right: -0.022+/-0.025 χ^2 /NDF: 11.7/13

In: -0.005+/-0.039 χ^2 /NDF:4.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.025 χ^2 /NDF: 11.7/13

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

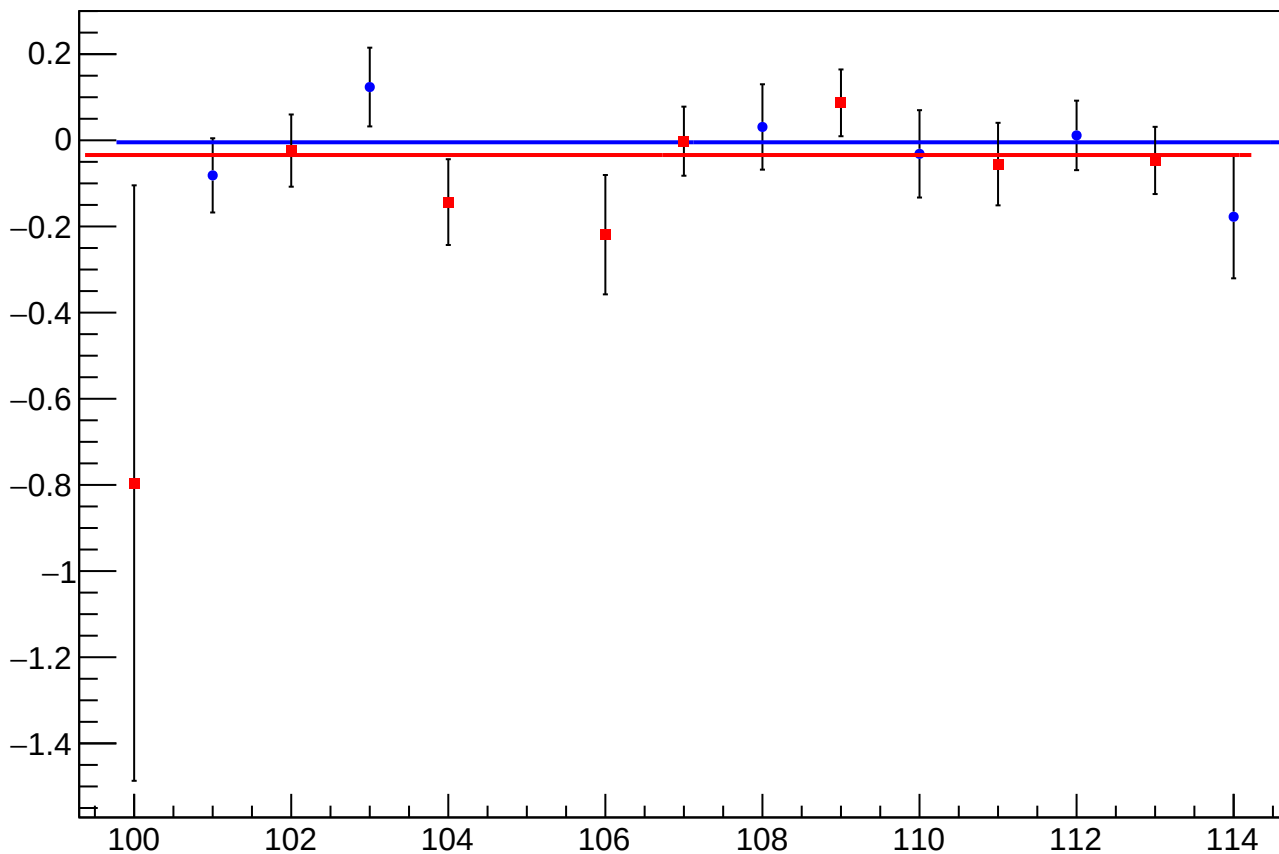
Right: 59.505+/-0.018 χ^2/NDF : 357183.2/13

In: 62.322+/-0.028 χ^2/NDF : 65883.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.505+/-0.018 χ^2/NDF : 357183.2/13

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.039 χ^2/NDF : 4.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.033 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

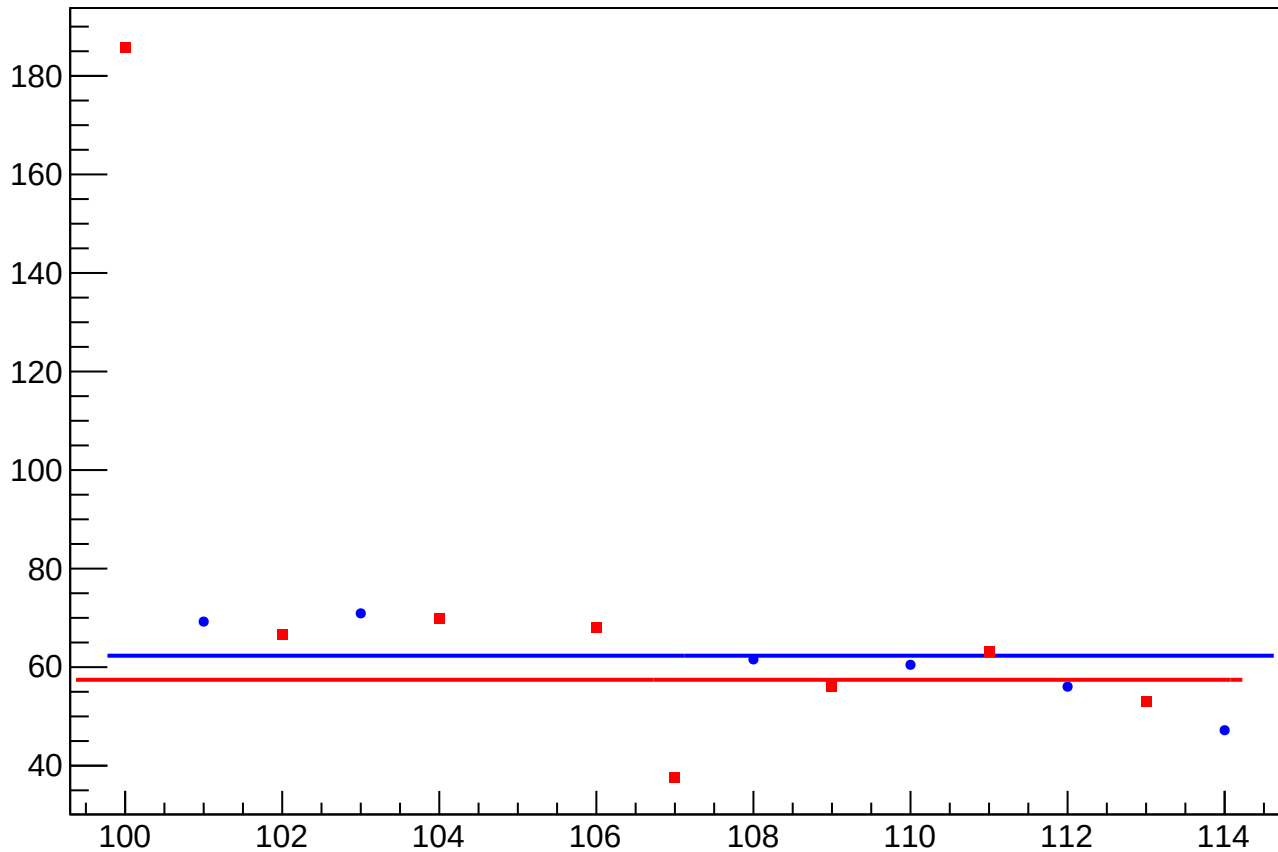
Right: -0.022+/-0.025 χ^2/NDF : 11.7/13

In: -0.005+/-0.039 χ^2/NDF : 4.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.025 χ^2/NDF : 11.7/13

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

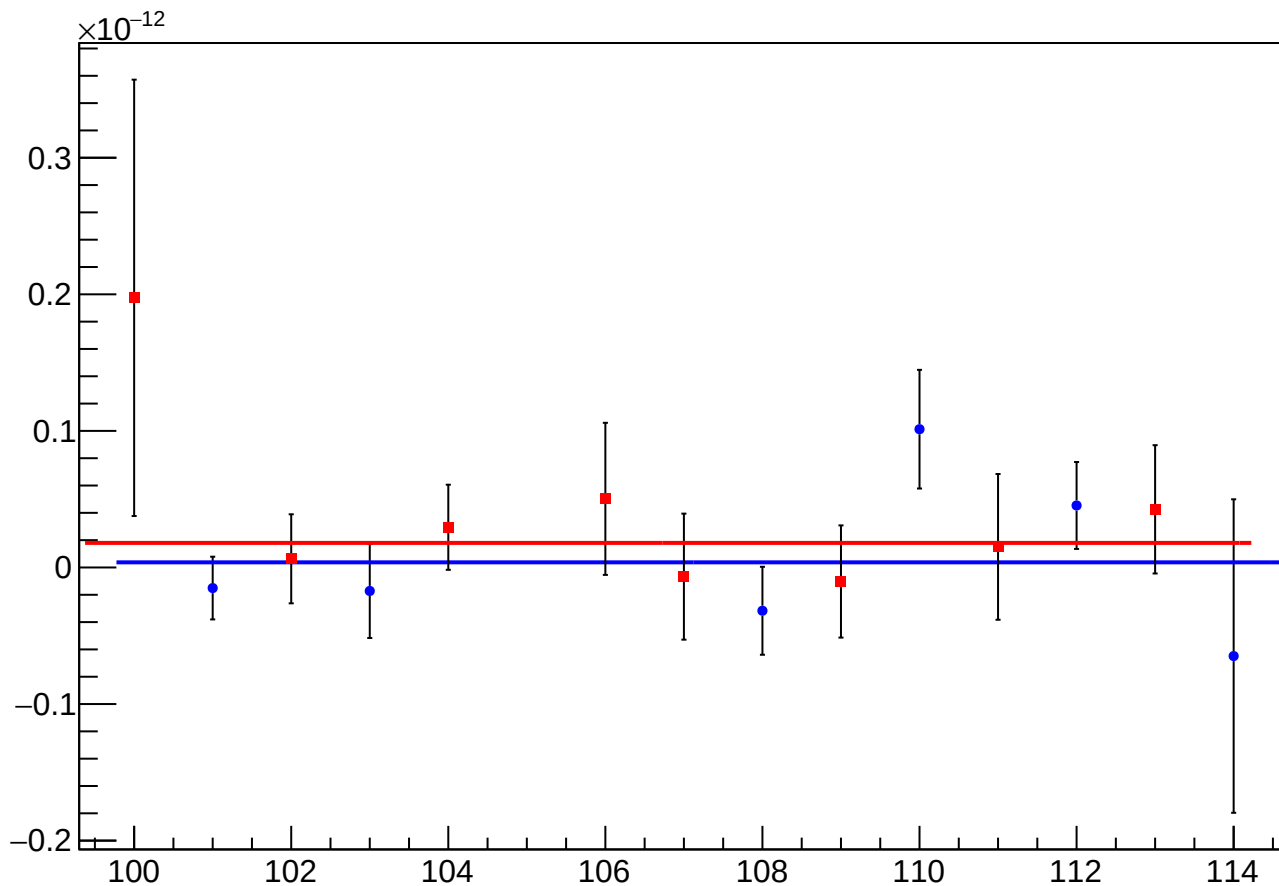
Right: 59.505+/-0.018 χ^2/NDF : 357183.2/13

In: 62.322+/-0.028 χ^2/NDF : 65883.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.505+/-0.018 χ^2/NDF : 357183.2/13

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

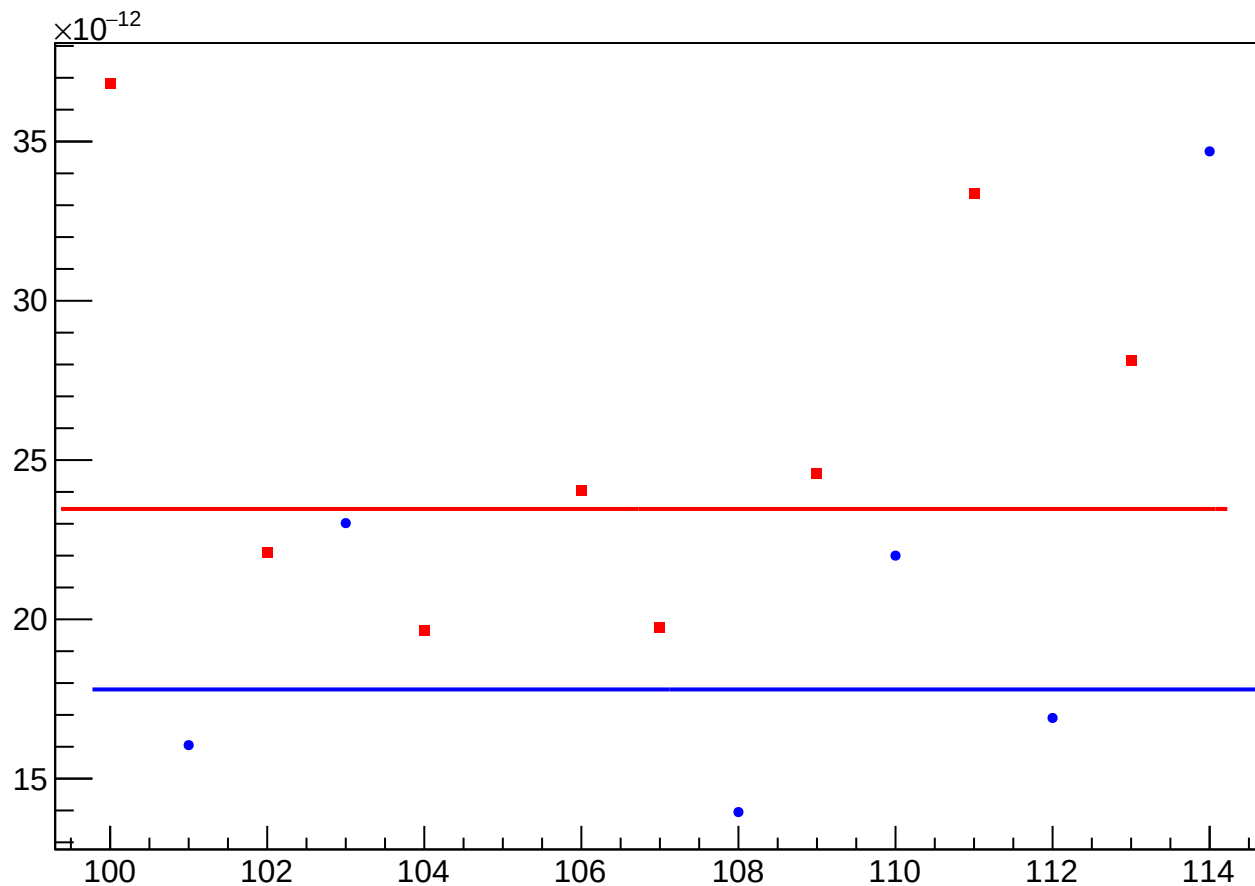
Right: 0.000+/-0.000 χ^2/NDF : 12.7/13

In: 0.000+/-0.000 χ^2/NDF : 9.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.7/13

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

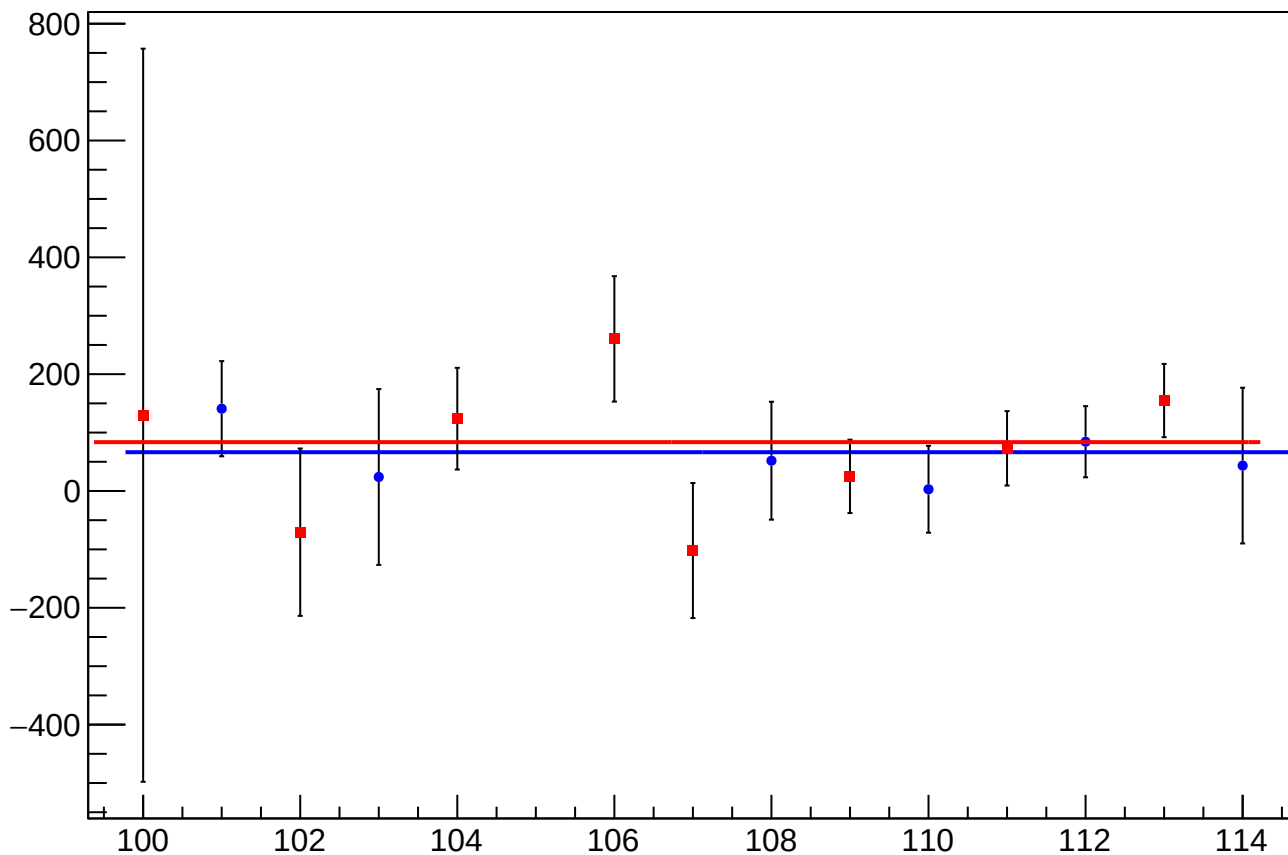
Right: 0.000+/-0.000 χ^2/NDF : 450602.4/13

In: 0.000+/-0.000 χ^2/NDF : 149717.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 450602.4/13

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

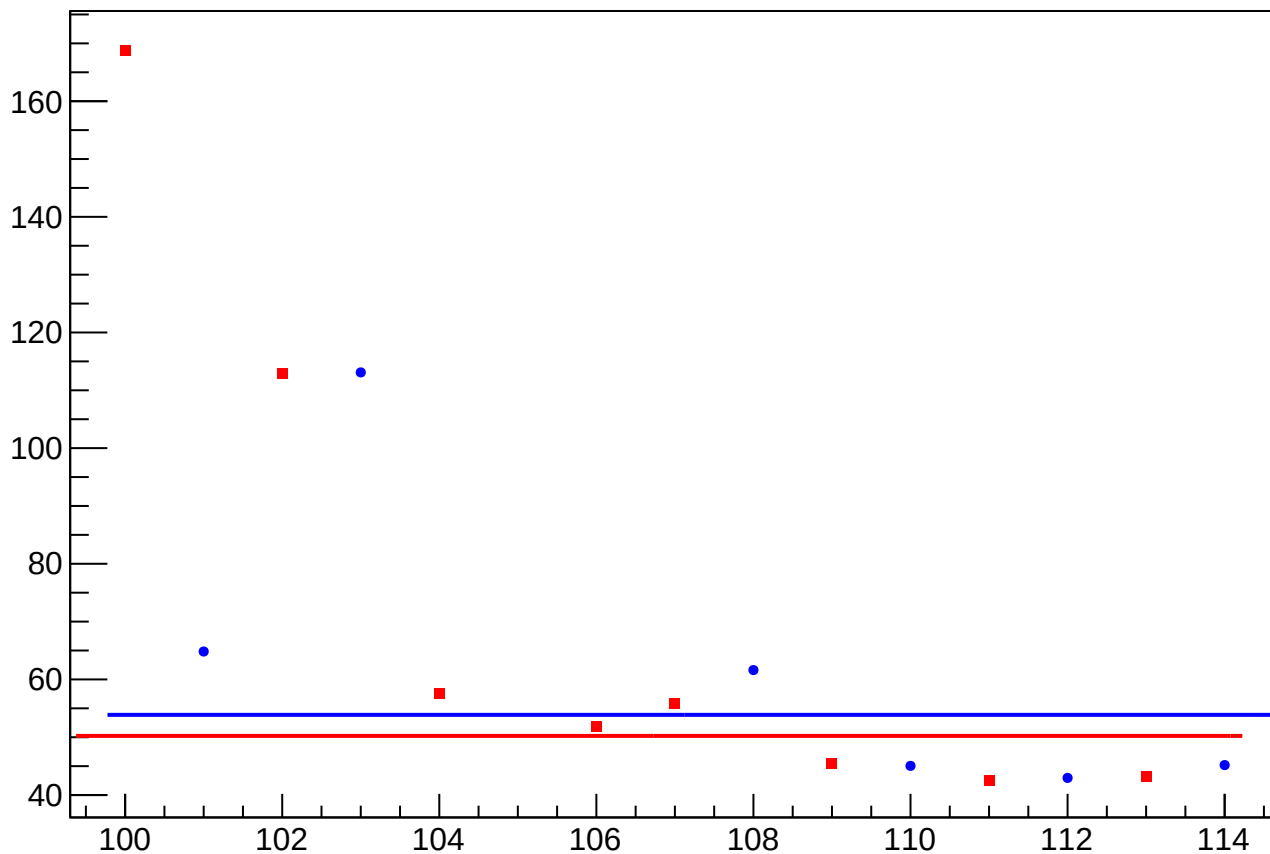
Right: 76.354 $\pm$ 22.956 χ^2 /NDF: 10.8/13

In: 66.401 $\pm$ 35.367 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.354 $\pm$ 22.956 χ^2 /NDF: 10.8/13

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

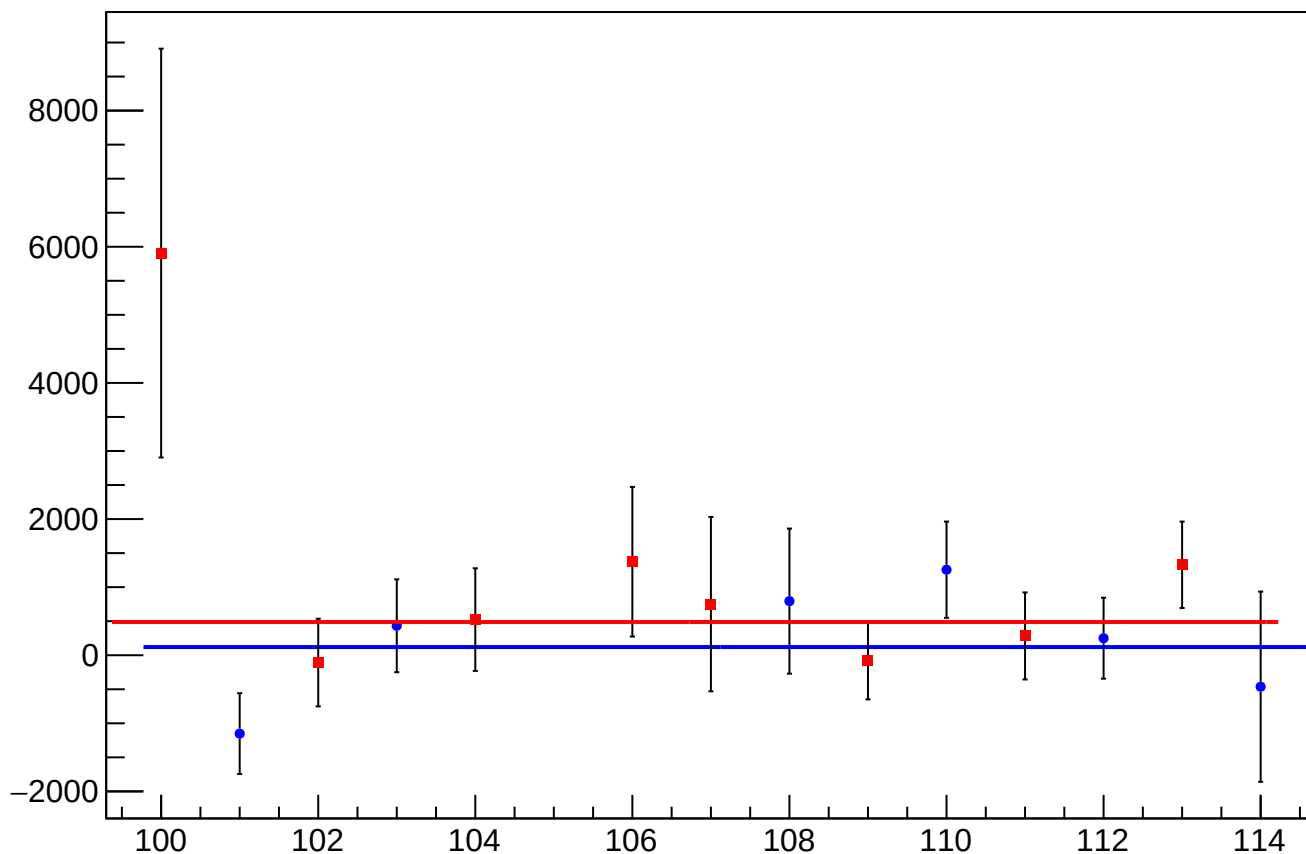
Right: 51.765 $\pm$ 0.016 χ^2 /NDF: 1010621.7/13

In: 53.872 $\pm$ 0.025 χ^2 /NDF:458189.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.765 $\pm$ 0.016 χ^2 /NDF: 1010621.7/13

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 119.957+/-298.635 χ^2/NDF : 8.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.671+/-270.481 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

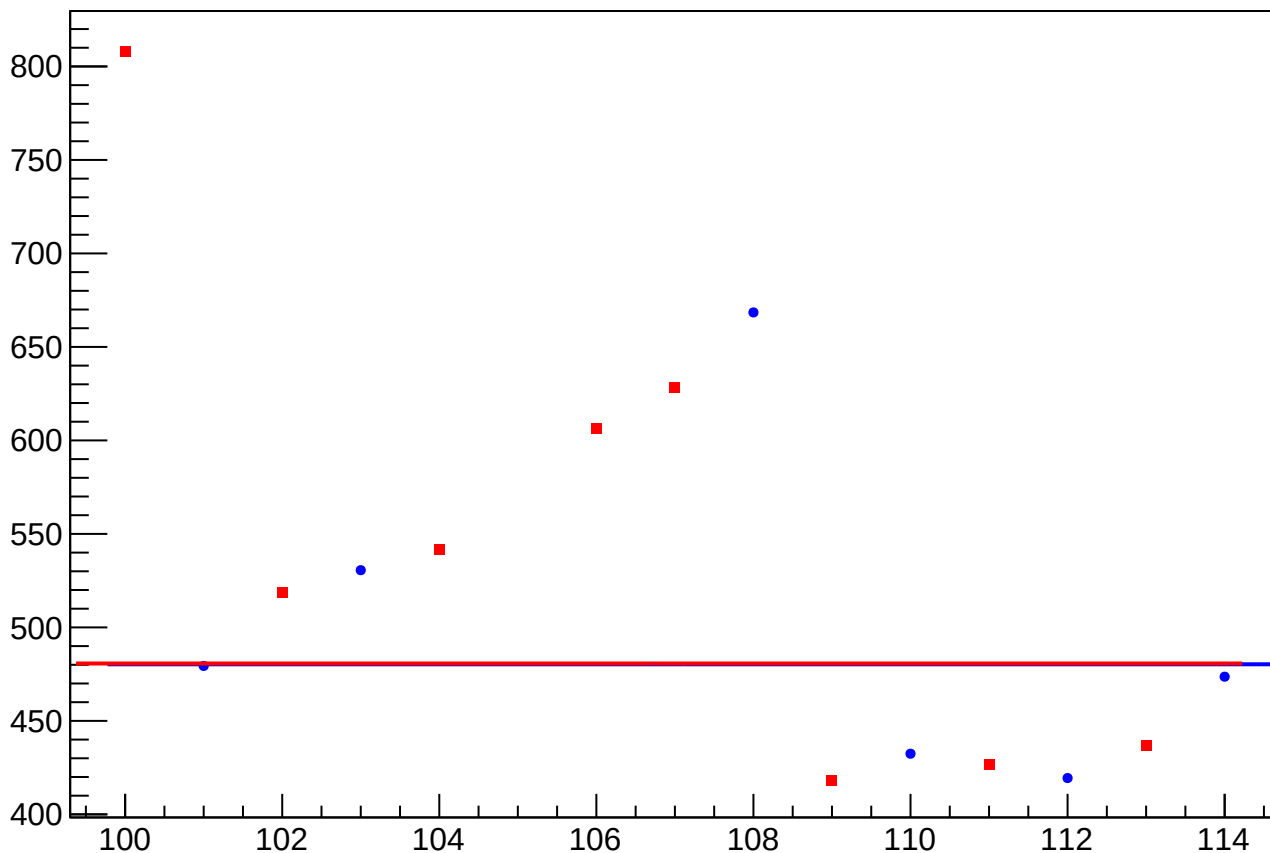
Right: 322.509+/-200.475 χ^2/NDF : 16.4/13

In: 119.957+/-298.635 χ^2/NDF : 8.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.509+/-200.475 χ^2/NDF : 16.4/13

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 480.270+/-0.211 χ^2/NDF : 103428.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.698+/-0.191 χ^2/NDF : 143632.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

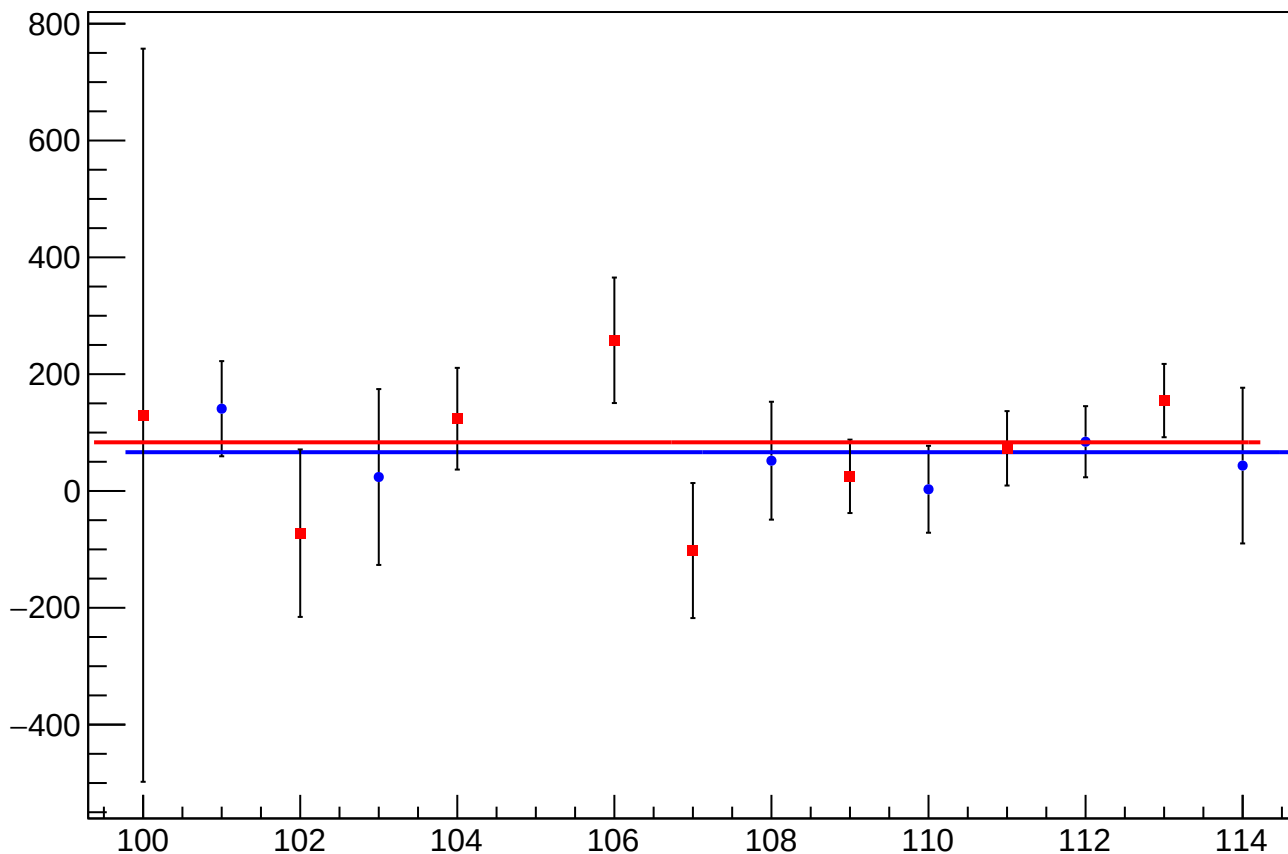
Right: 480.505+/-0.142 χ^2/NDF : 247062.9/13

In: 480.270+/-0.211 χ^2/NDF : 103428.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.505+/-0.142 χ^2/NDF : 247062.9/13

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

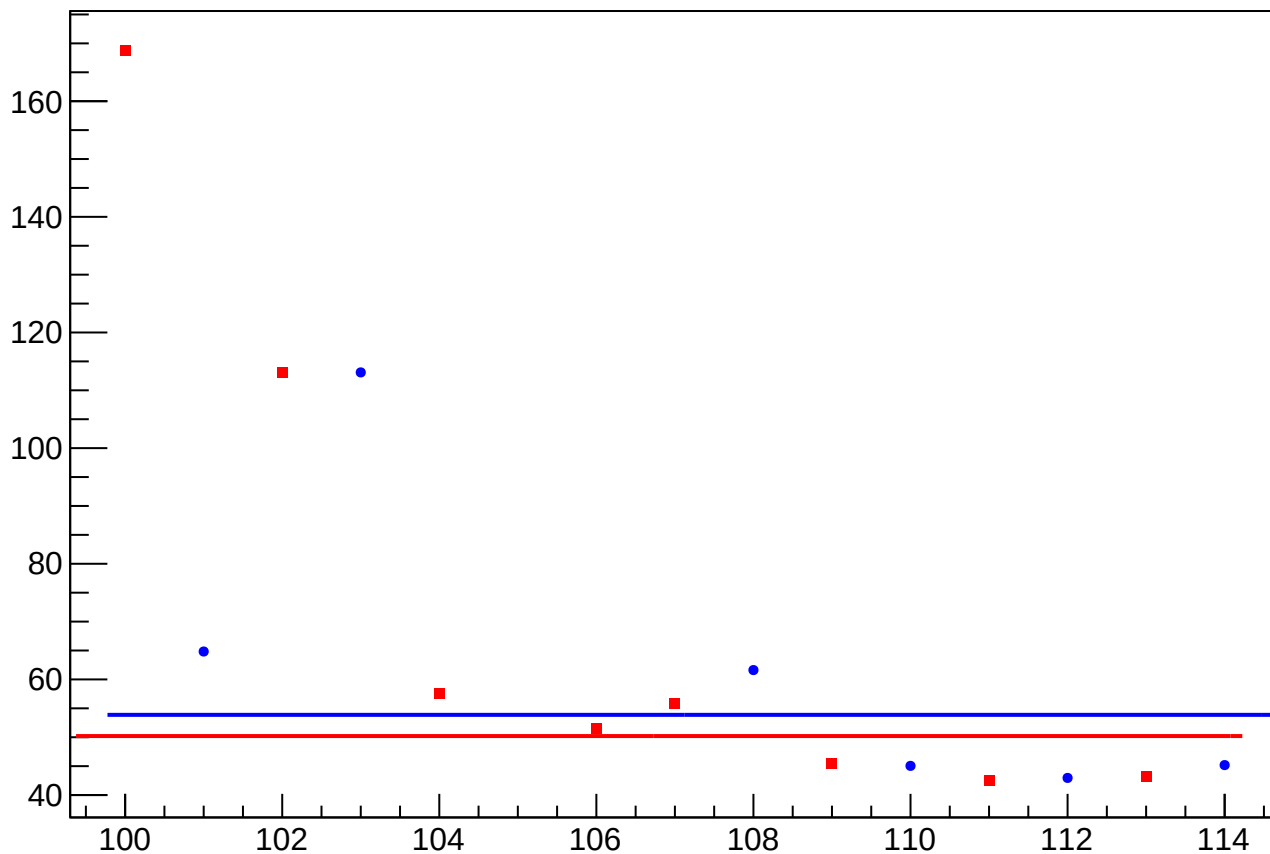
Right: 76.192+/-22.957 χ^2/NDF : 10.7/13

In: 66.395+/-35.367 χ^2/NDF : 1.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.192+/-22.957 χ^2/NDF : 10.7/13

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

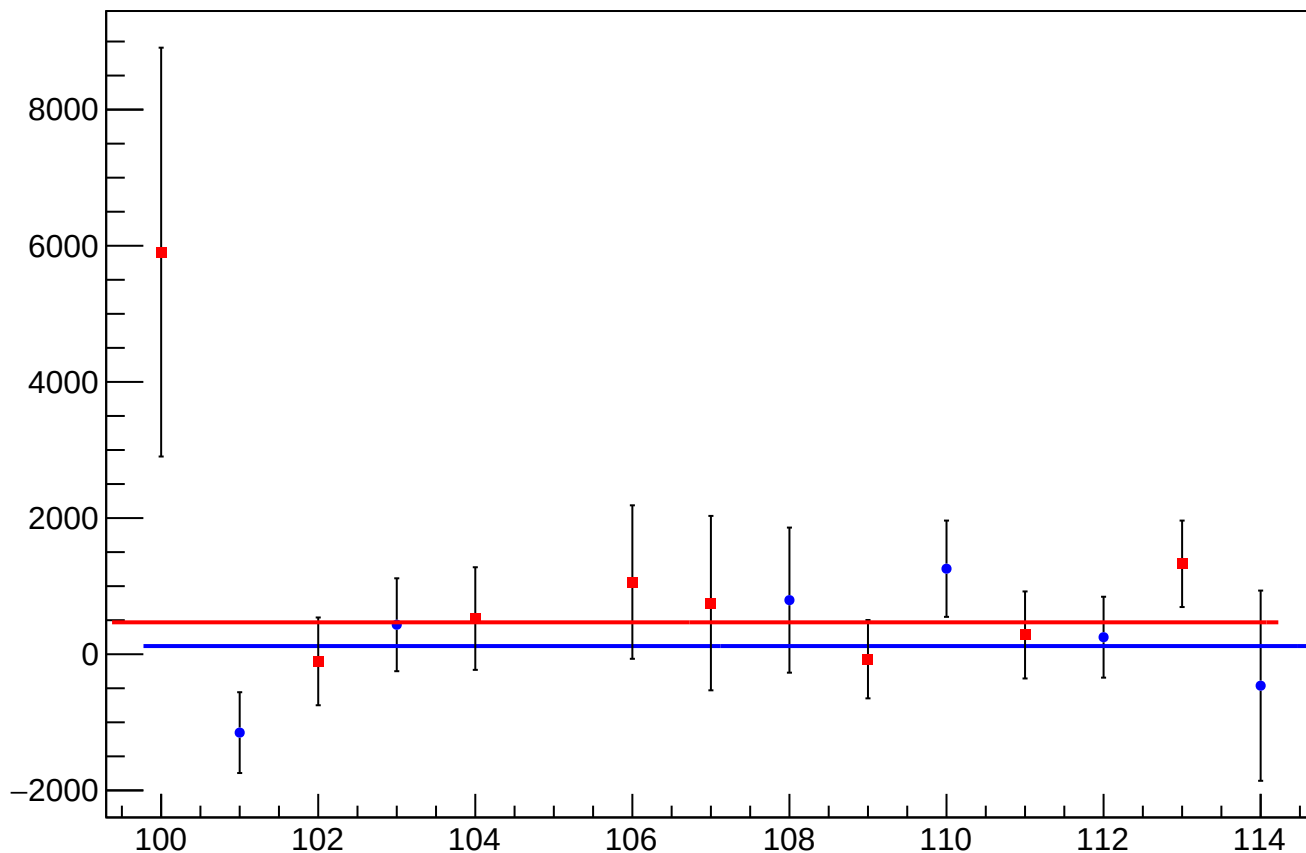
Right: 51.751 $\pm$ 0.016 χ^2 /NDF: 1010866.6/13

In: 53.872 $\pm$ 0.025 χ^2 /NDF:458192.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.751 $\pm$ 0.016 χ^2 /NDF: 1010866.6/13

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 120.013+/-298.641 χ^2/NDF : 8.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.762+/-270.932 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

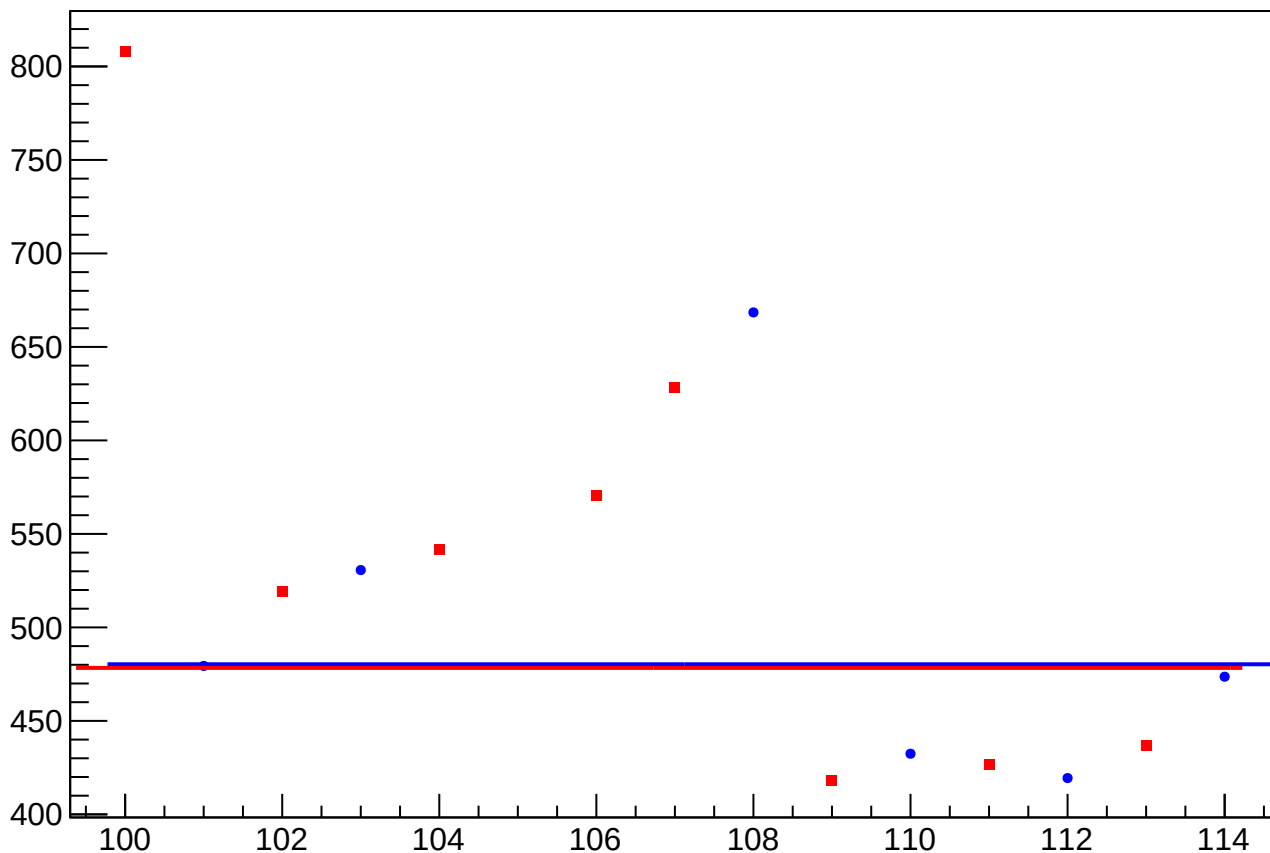
Right: 311.314+/-200.661 χ^2/NDF : 16.0/13

In: 120.013+/-298.641 χ^2/NDF : 8.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.314+/-200.661 χ^2/NDF : 16.0/13

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

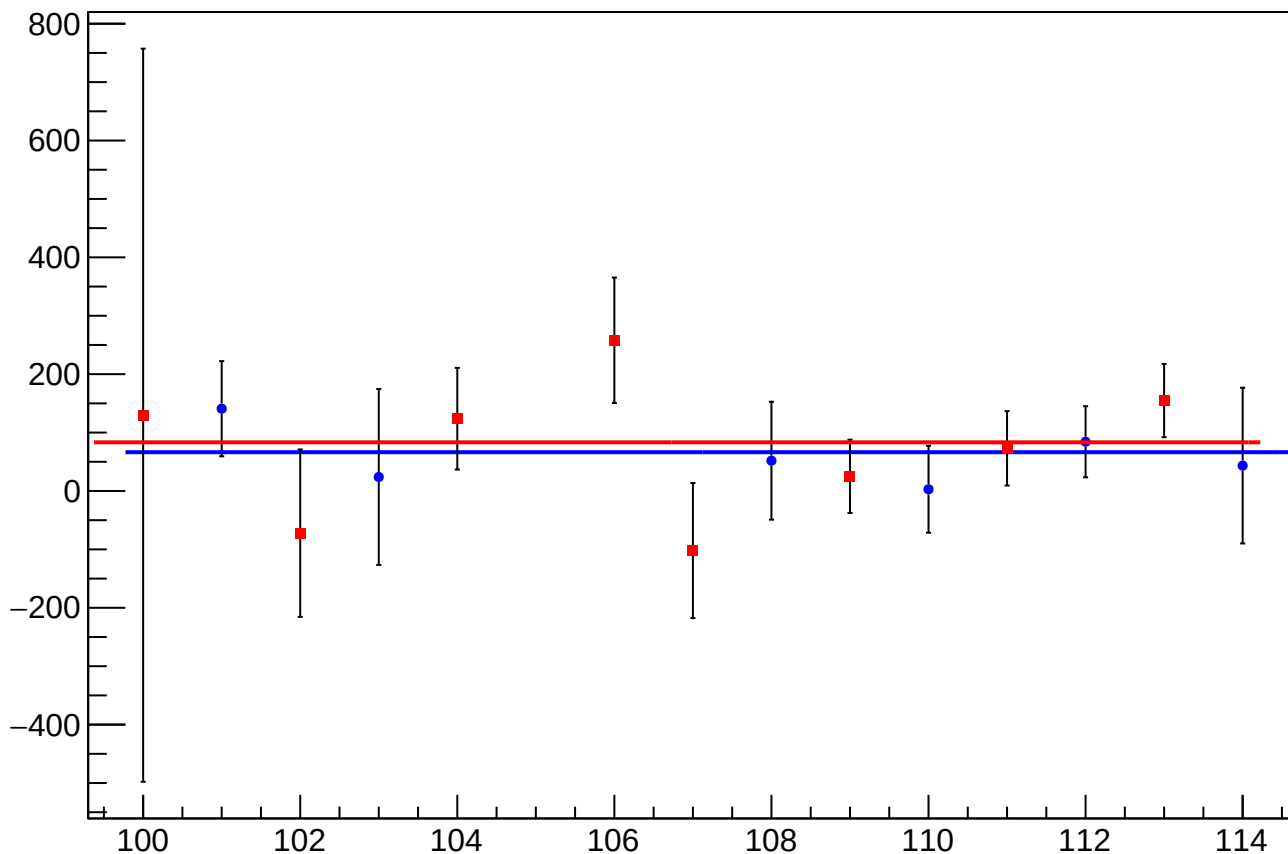
Right: 479.219+/-0.142 χ^2/NDF : 233833.6/13

In: 480.279+/-0.211 χ^2/NDF : 103450.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.219+/-0.142 χ^2/NDF : 233833.6/13

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

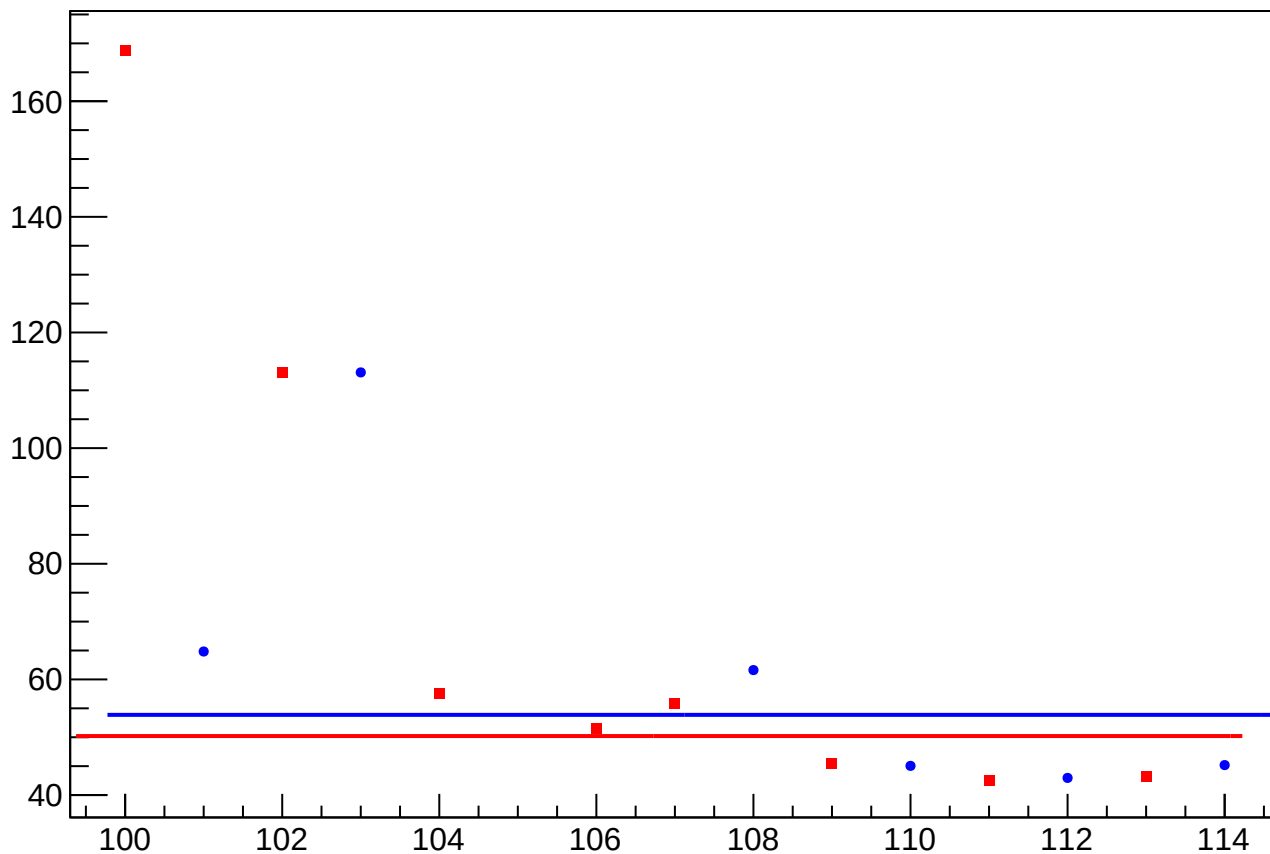
Right: 76.192 $\pm$ 22.957 χ^2 /NDF: 10.7/13

In: 66.395 $\pm$ 35.367 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.192 $\pm$ 22.957 χ^2 /NDF: 10.7/13

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

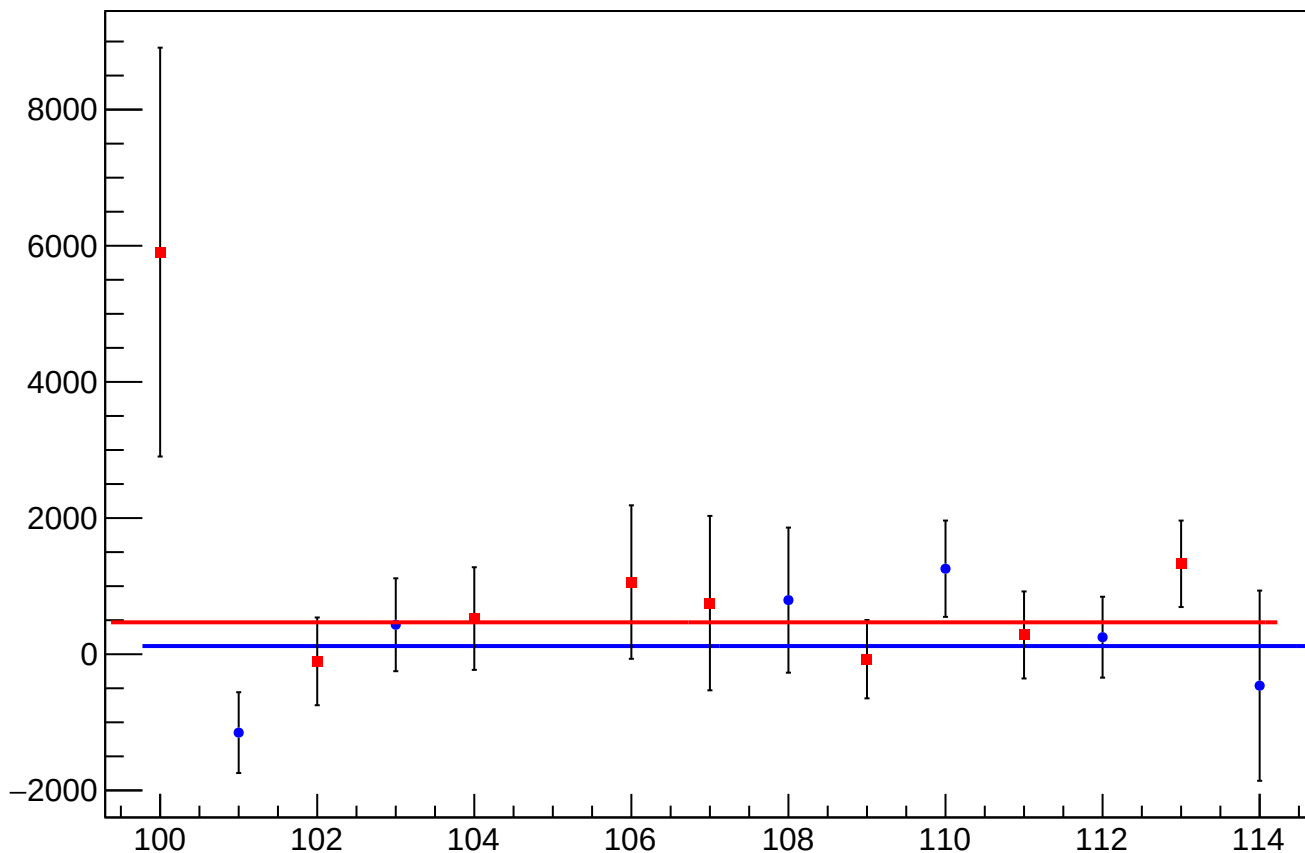
Right: 51.751 $\pm$ 0.016 χ^2 /NDF: 1010866.6/13

In: 53.872 $\pm$ 0.025 χ^2 /NDF:458192.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.751 $\pm$ 0.016 χ^2 /NDF: 1010866.6/13

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

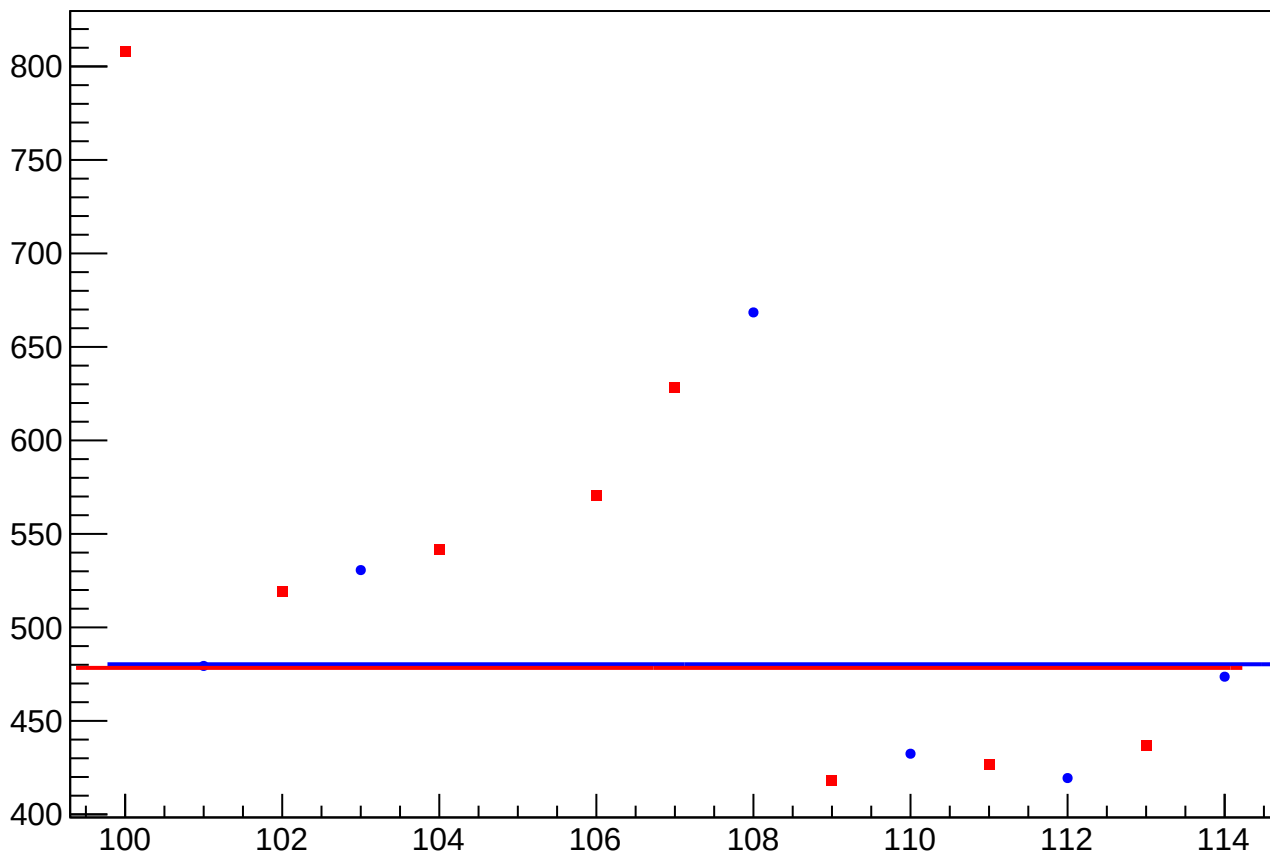
Right: 311.314 $\pm$ 200.661 χ^2 /NDF: 16.0/13

In: 120.013 $\pm$ 298.641 χ^2 /NDF:8.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 311.314 $\pm$ 200.661 χ^2 /NDF: 16.0/13

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

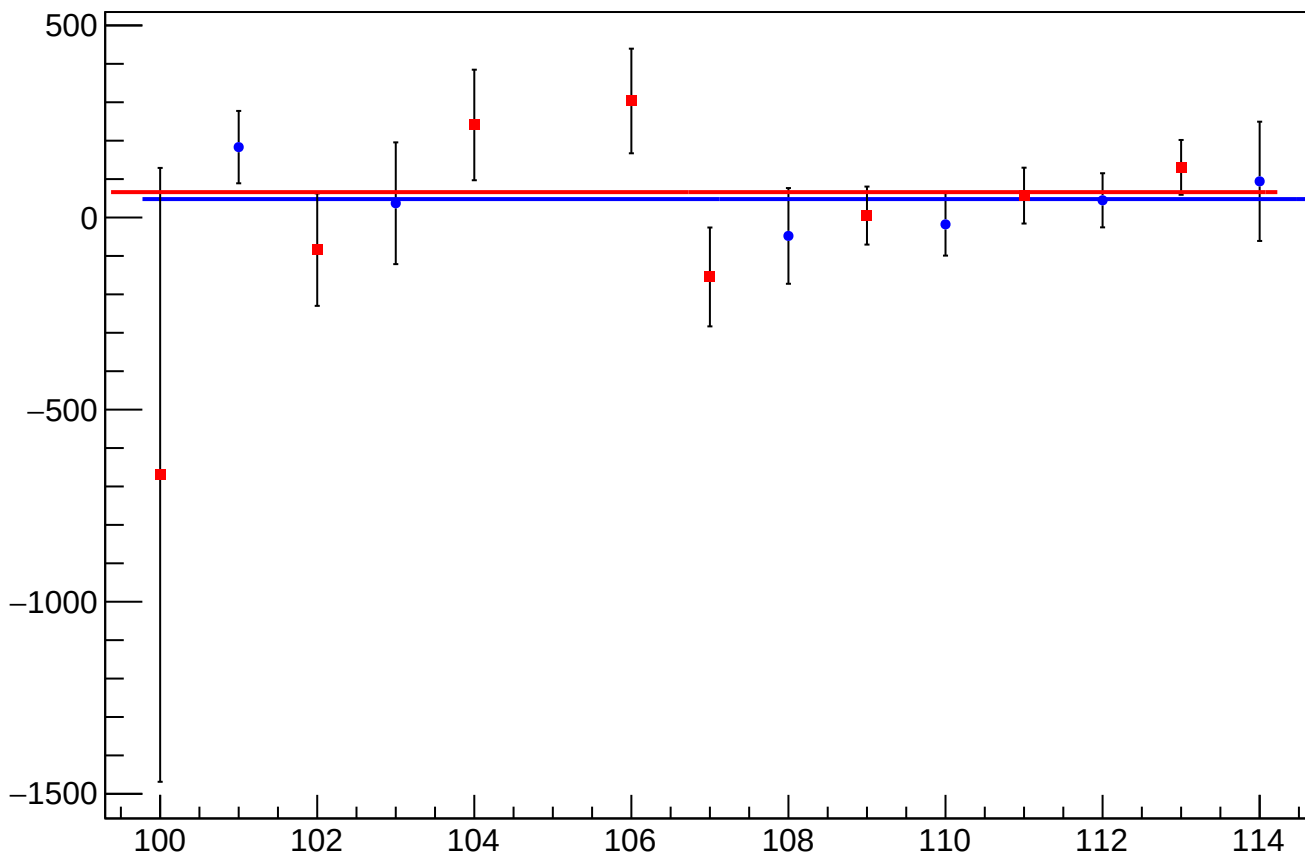
Right: 479.219+/-0.142 χ^2/NDF : 233833.6/13

In: 480.279+/-0.211 χ^2/NDF : 103450.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.219+/-0.142 χ^2/NDF : 233833.6/13

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

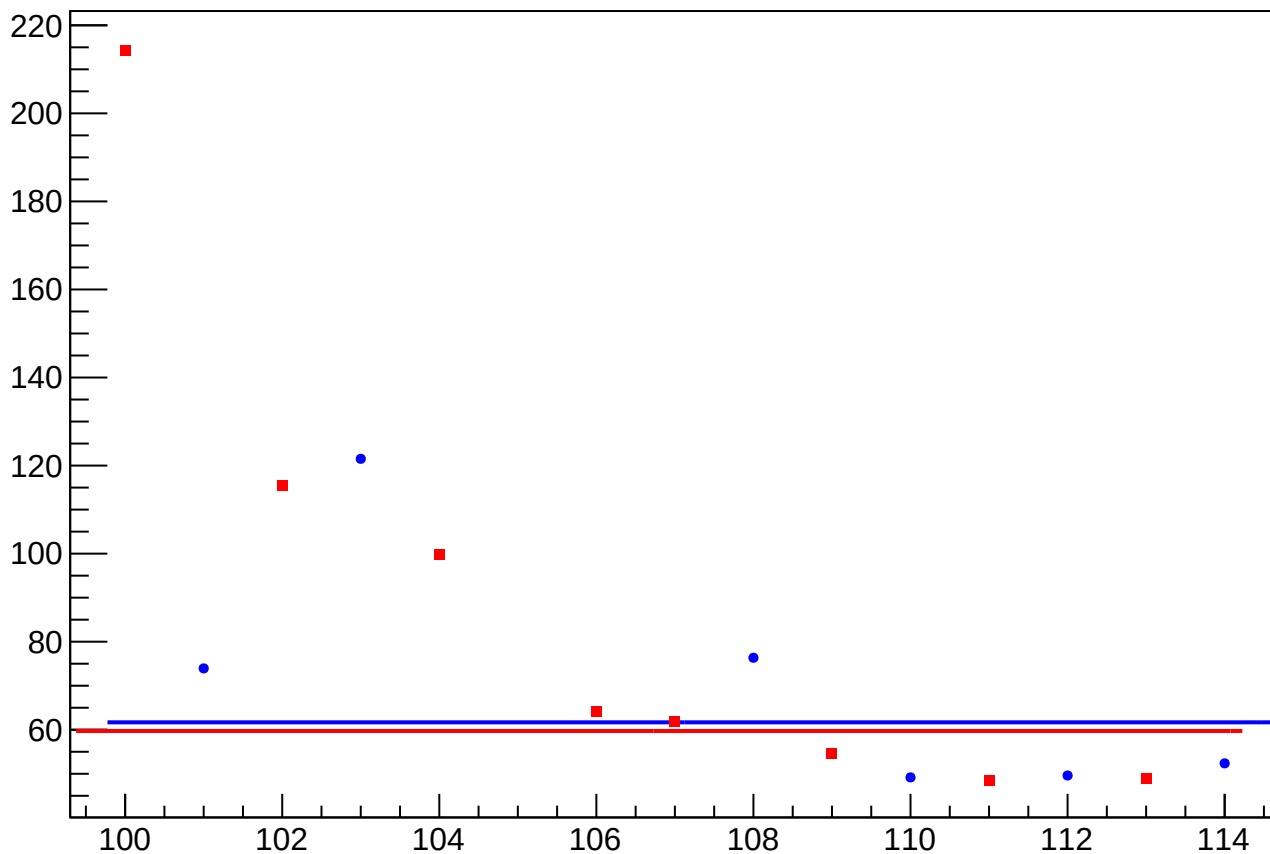
Right: 58.101+/-26.885 χ^2/NDF : 14.4/13

In: 47.977+/-40.454 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.101+/-26.885 χ^2/NDF : 14.4/13

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

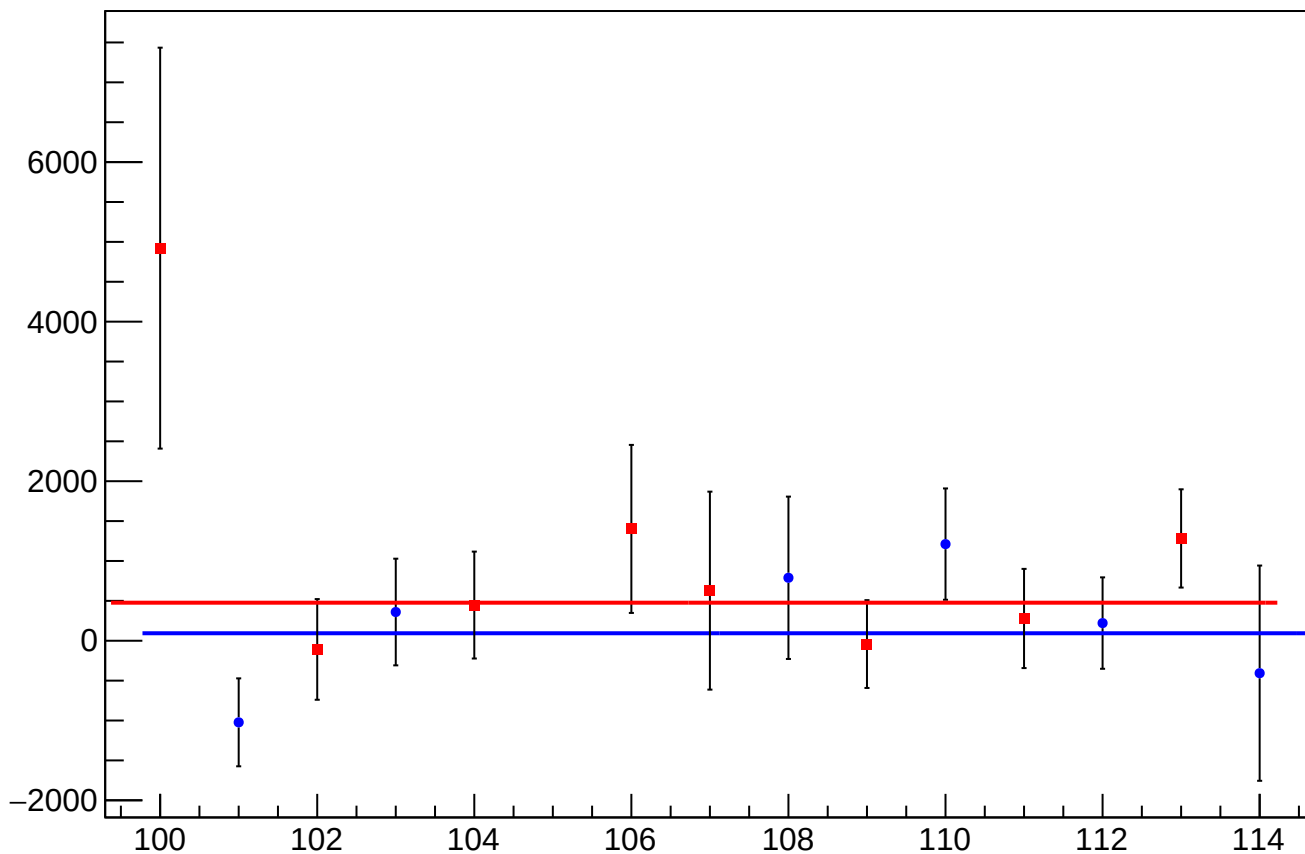
Right: 60.589 $\pm$ 0.019 χ^2 /NDF: 1089781.0/13

In: 61.687 $\pm$ 0.029 χ^2 /NDF:460080.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.589 $\pm$ 0.019 χ^2 /NDF: 1089781.0/13

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

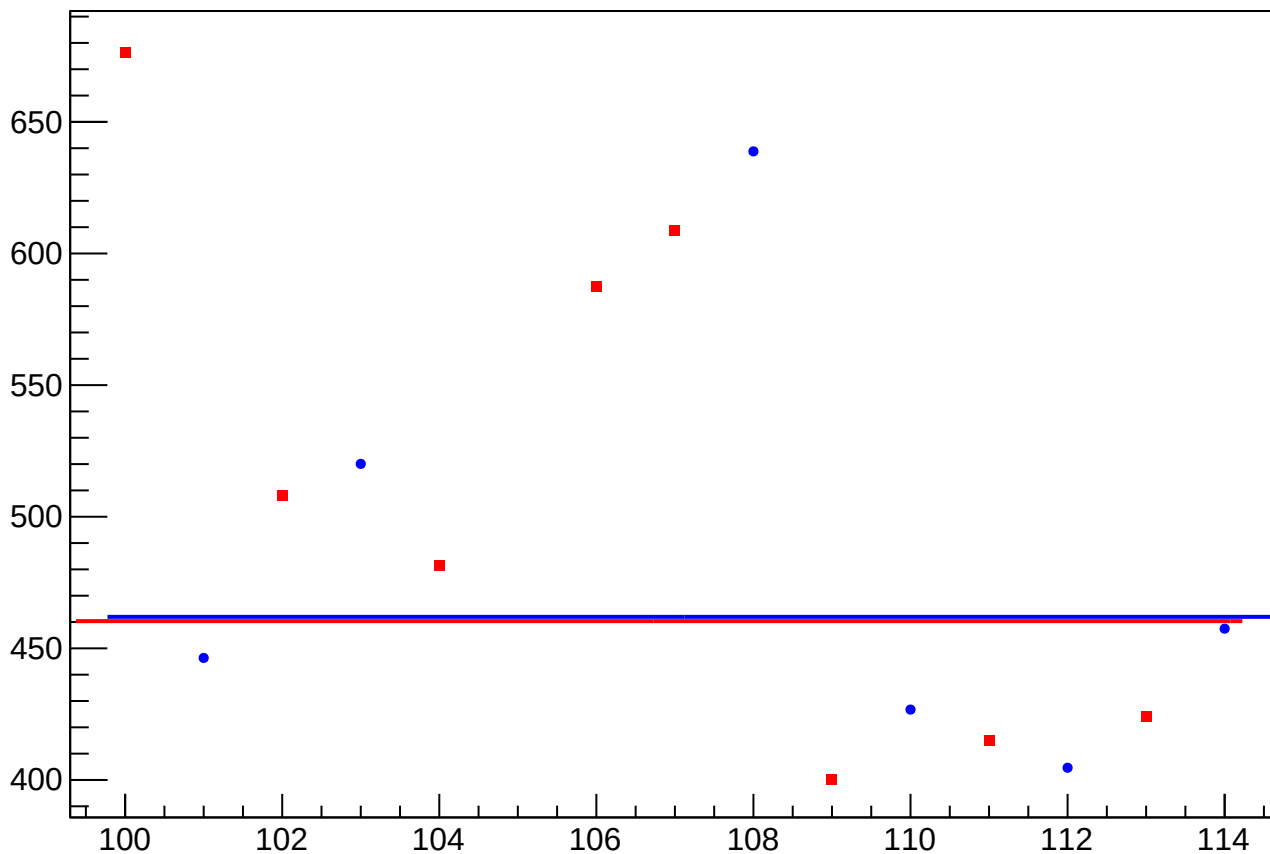
Right: 305.433+/-192.047 χ^2/NDF : 15.9/13

In: 93.903+/-286.974 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.433+/-192.047 χ^2/NDF : 15.9/13

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

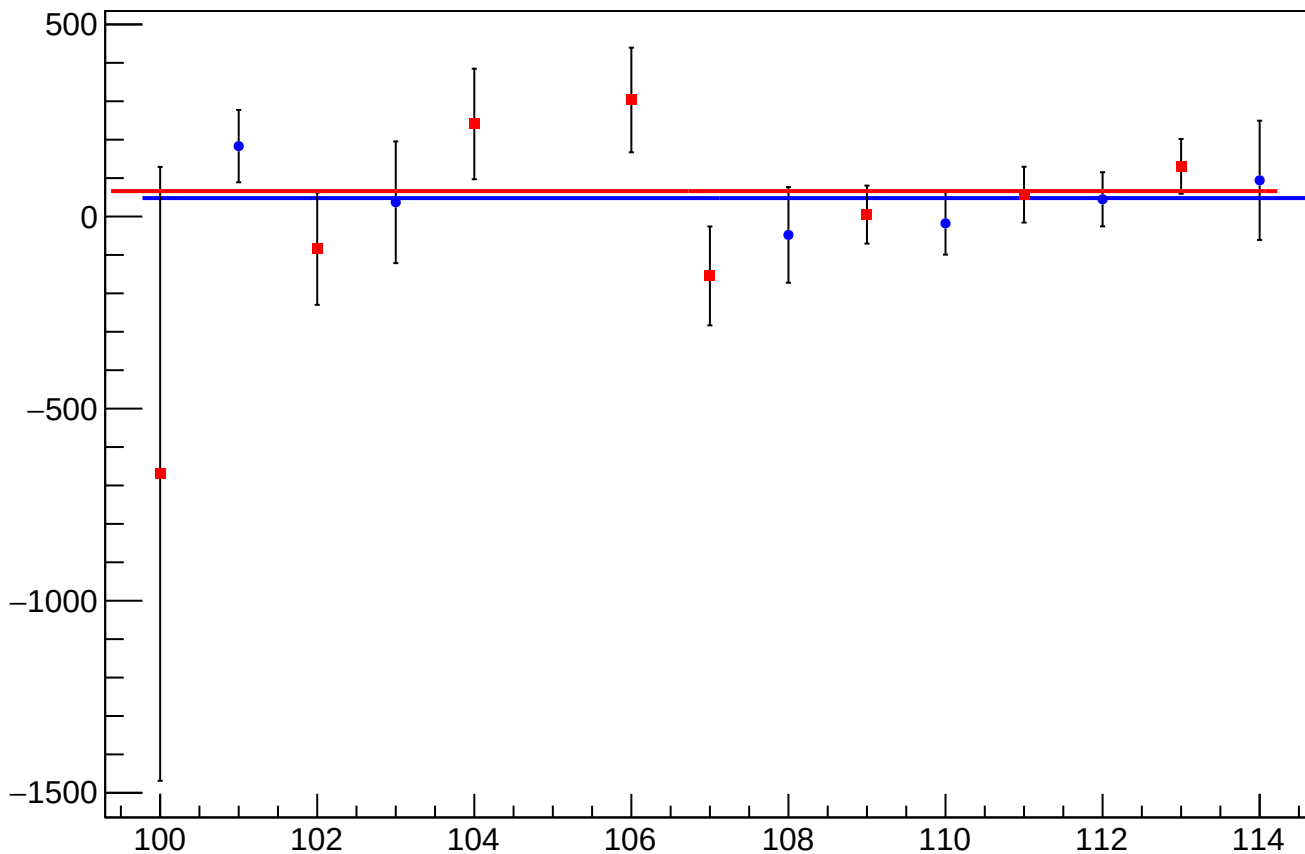
Right: 461.073+/-0.136 χ^2/NDF : 229755.9/13

In: 461.970+/-0.203 χ^2/NDF : 102229.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.073+/-0.136 χ^2/NDF : 229755.9/13

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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: 66.108+/-35.980 χ^2/NDF : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

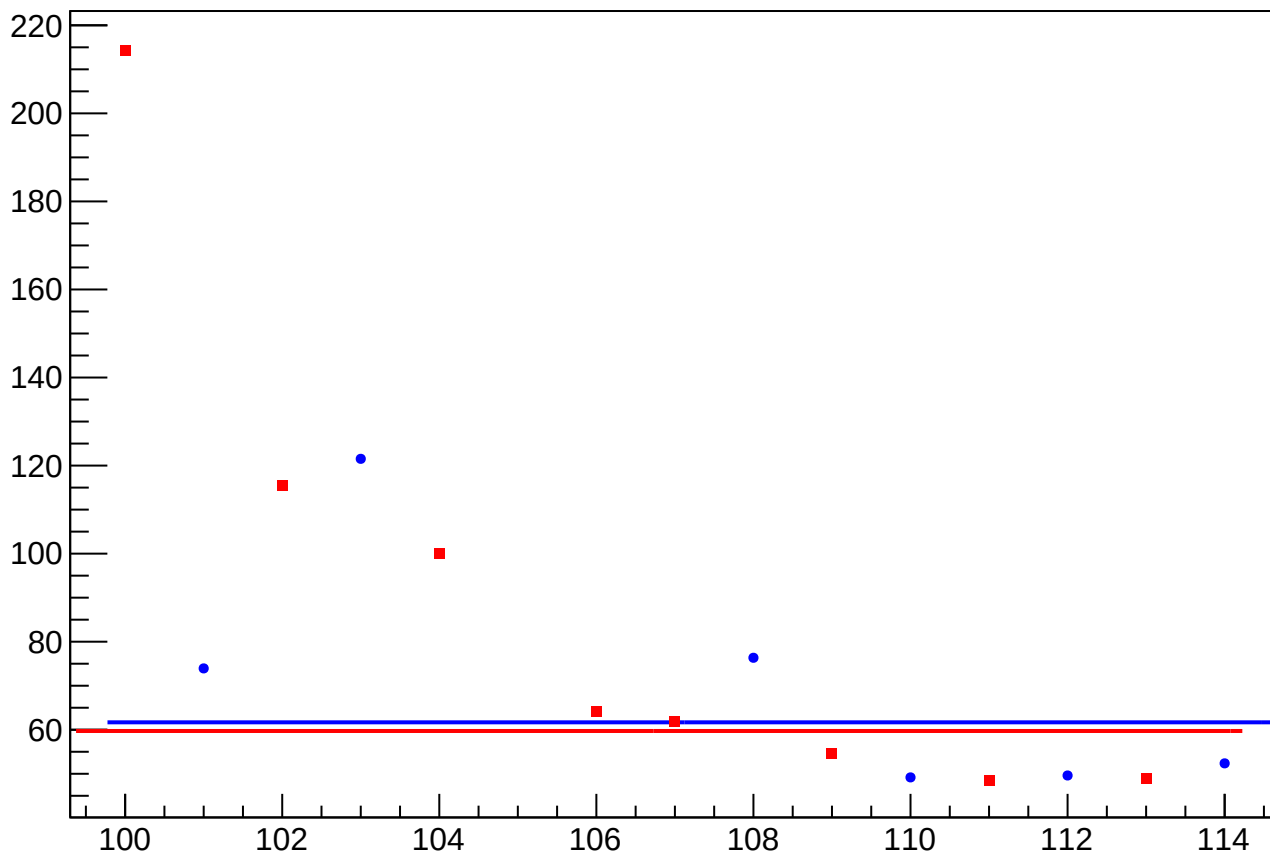
Right: 58.100+/-26.885 χ^2/NDF : 14.4/13

In: 47.977+/-40.454 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.100+/-26.885 χ^2/NDF : 14.4/13

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

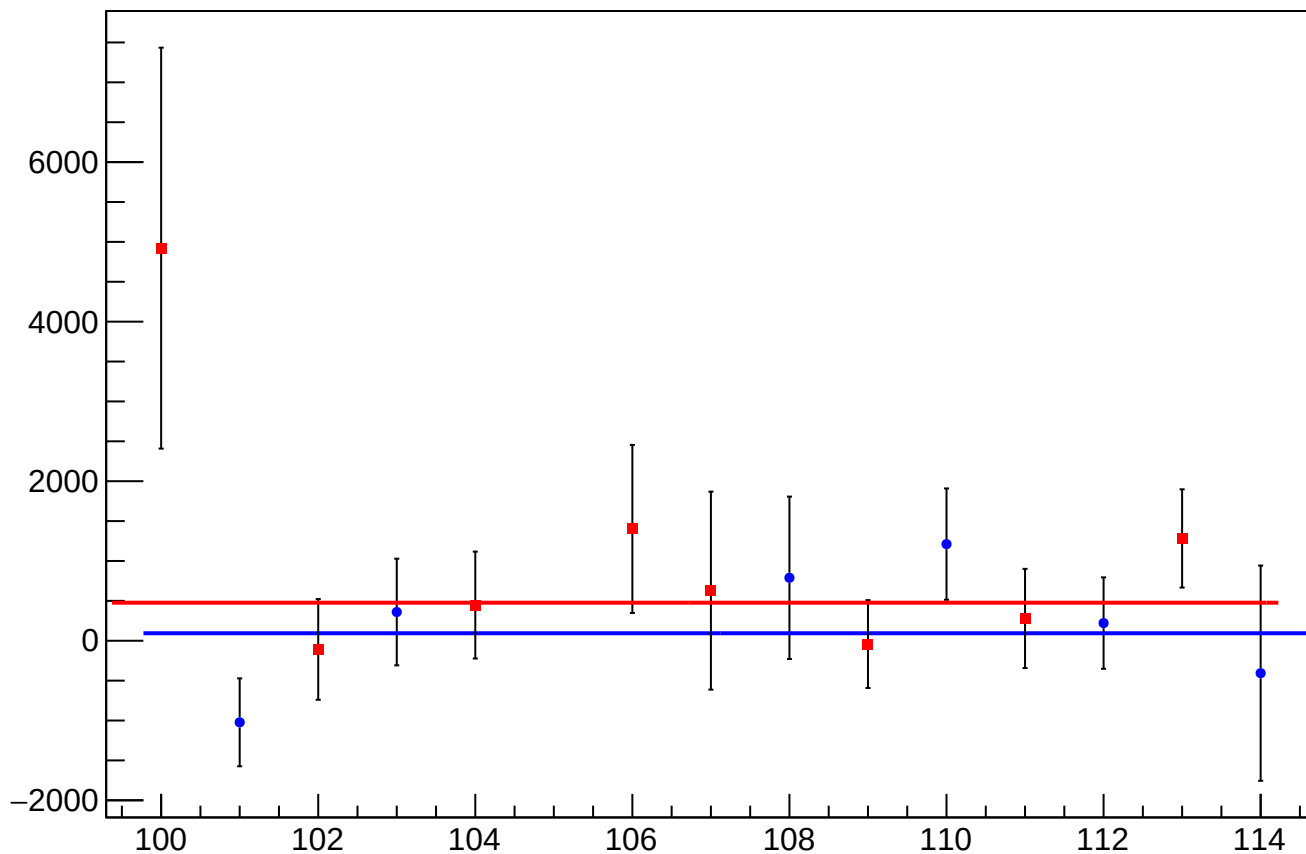
Right: 60.590 $\pm$ 0.019 χ^2 /NDF: 1089782.7/13

In: 61.688 $\pm$ 0.029 χ^2 /NDF:460080.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.590 $\pm$ 0.019 χ^2 /NDF: 1089782.7/13

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

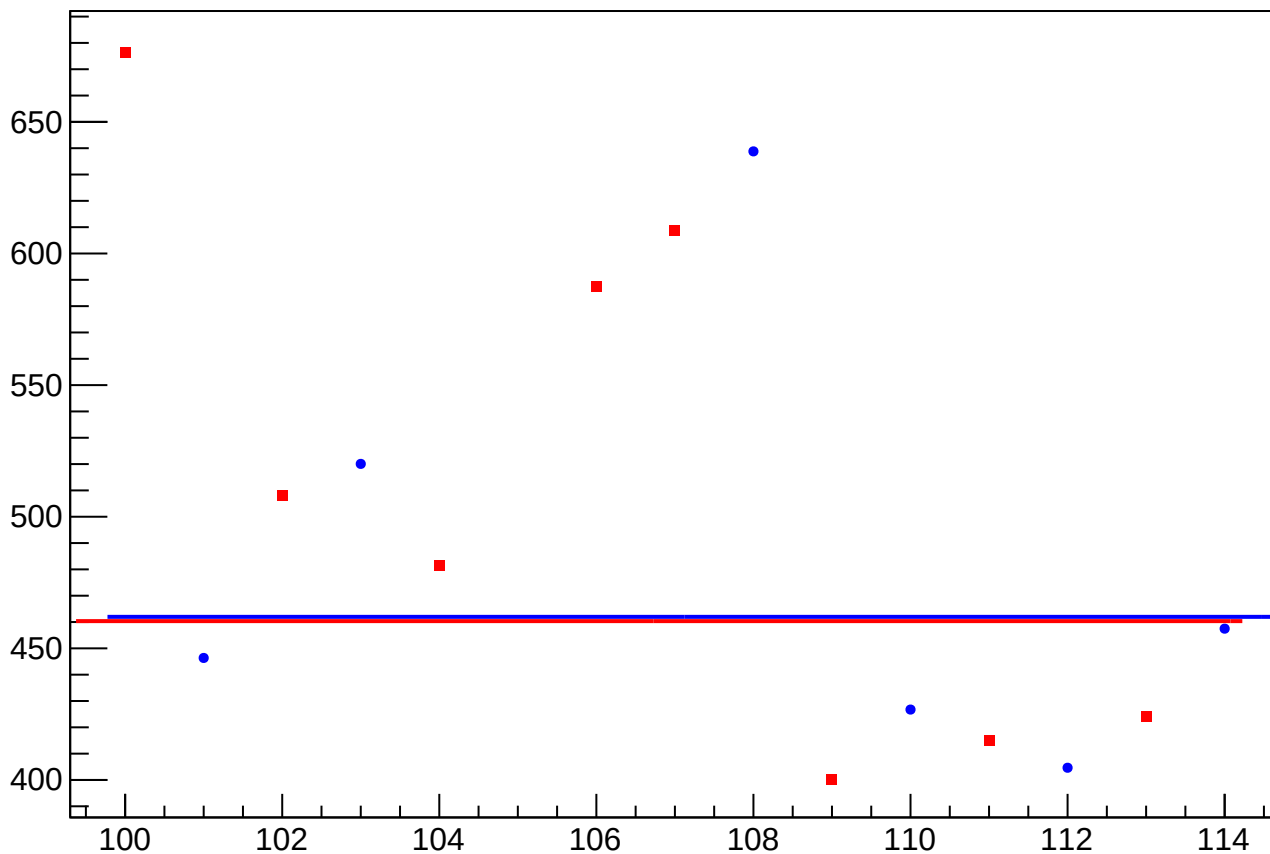
Right: 305.431+/-192.046 χ^2/NDF : 15.9/13

In: 93.903+/-286.973 χ^2/NDF : 7.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.431+/-192.046 χ^2/NDF : 15.9/13

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 461.968+/-0.203 χ^2/NDF : 102230.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.345+/-0.183 χ^2/NDF : 127490.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

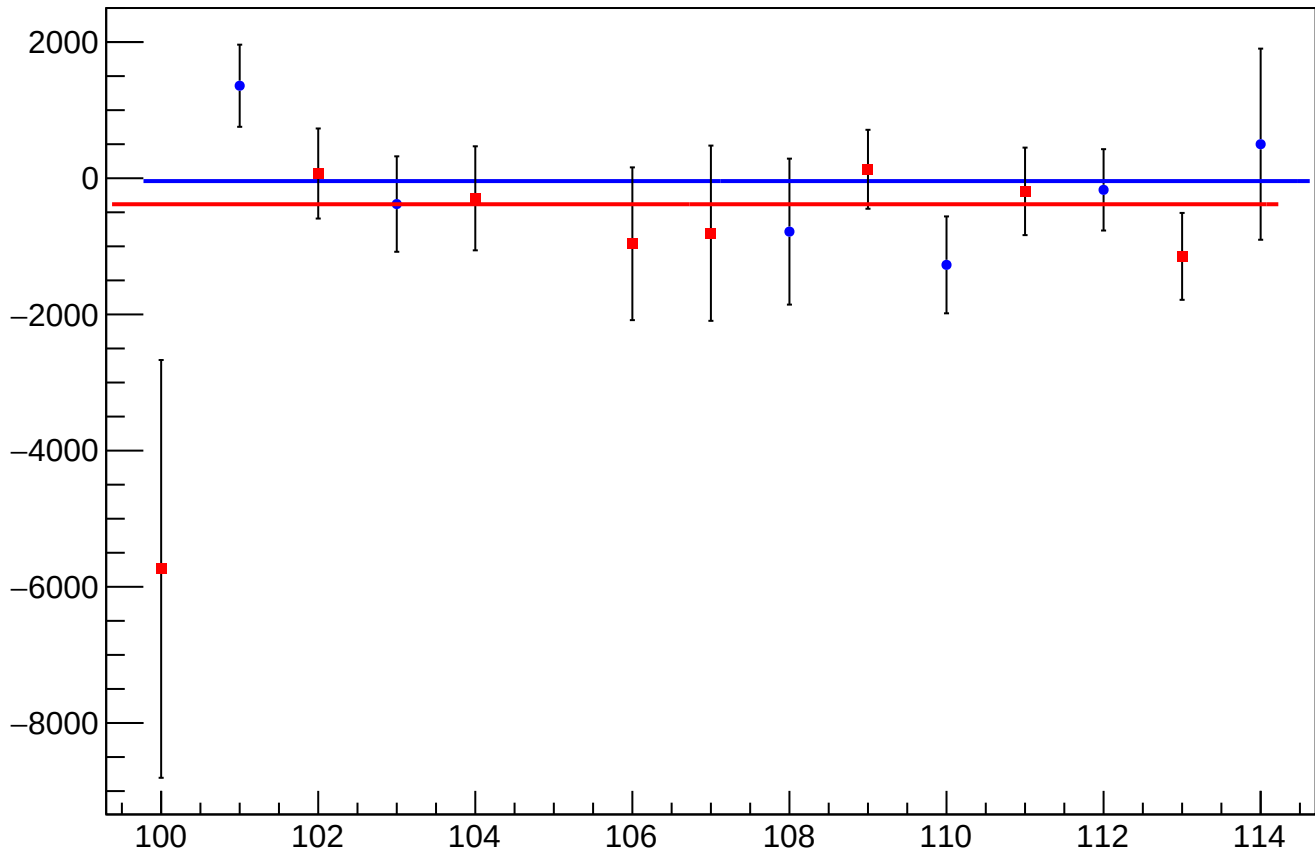
Right: 461.072+/-0.136 χ^2/NDF : 229756.0/13

In: 461.968+/-0.203 χ^2/NDF : 102230.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.072+/-0.136 χ^2/NDF : 229756.0/13

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

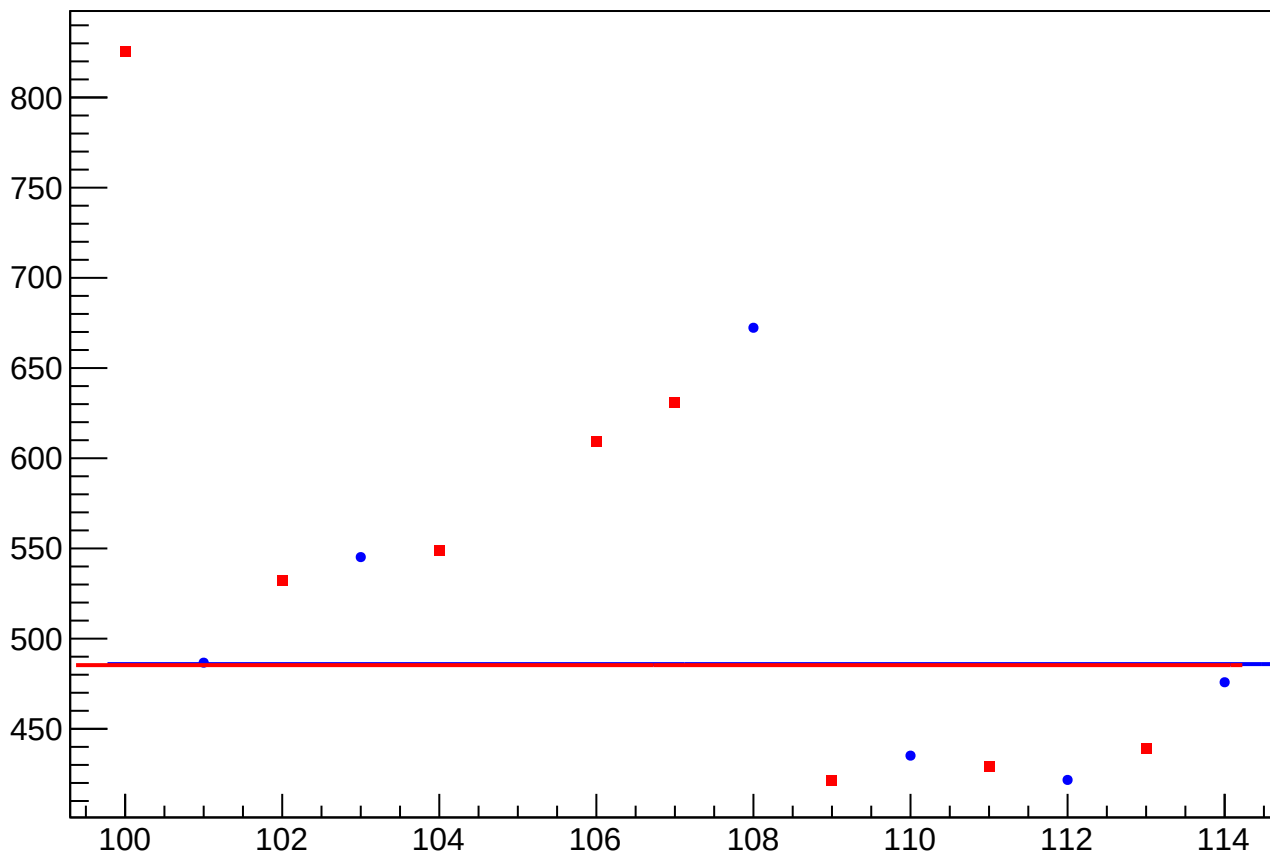
Right: -228.594 ± 202.868 χ^2/NDF : 16.2/13

In: -41.603 ± 302.348 χ^2/NDF : 9.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -228.594 ± 202.868 χ^2/NDF : 16.2/13

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

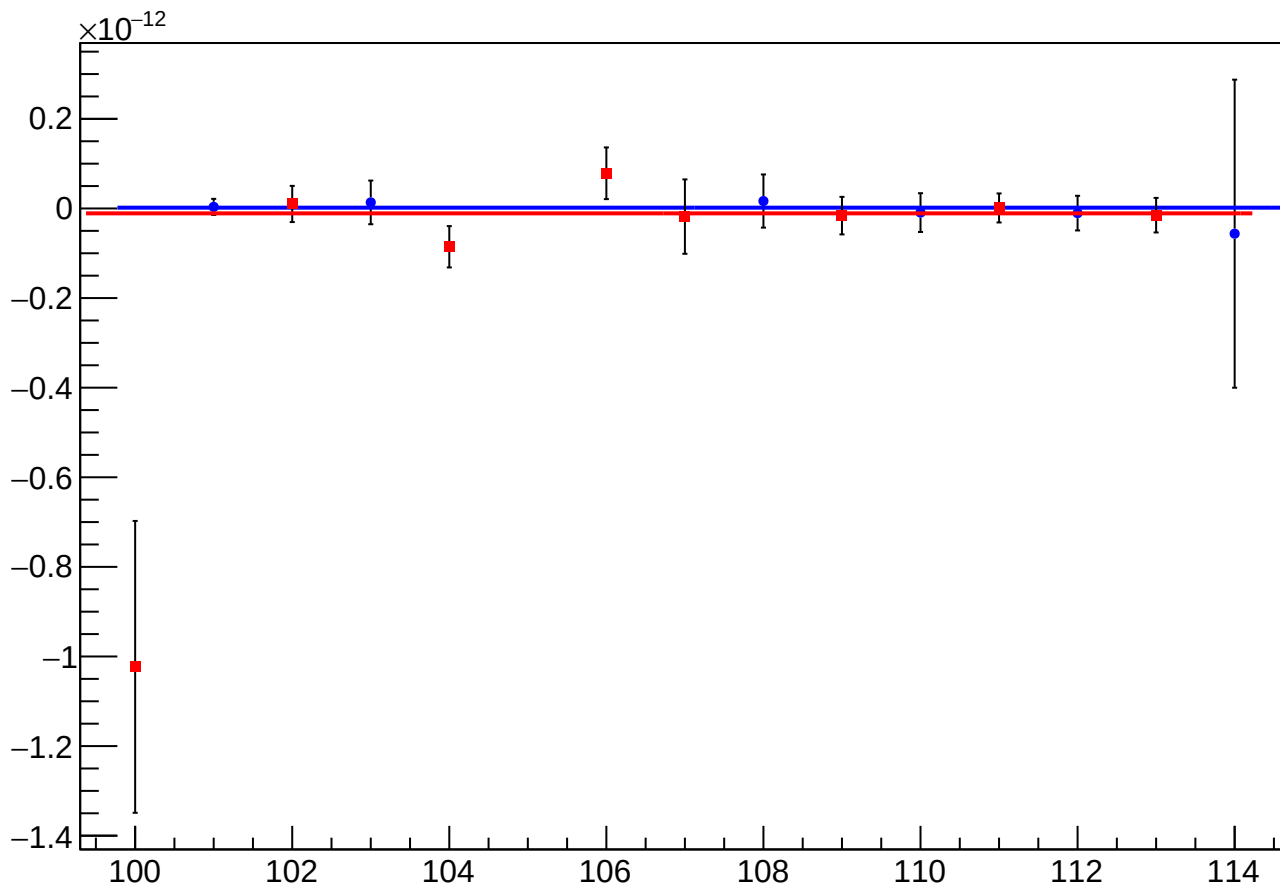
Right: 485.574 $\pm$ 0.143 χ^2 /NDF: 256978.1/13

In: 485.885 $\pm$ 0.214 χ^2 /NDF:108220.1/5

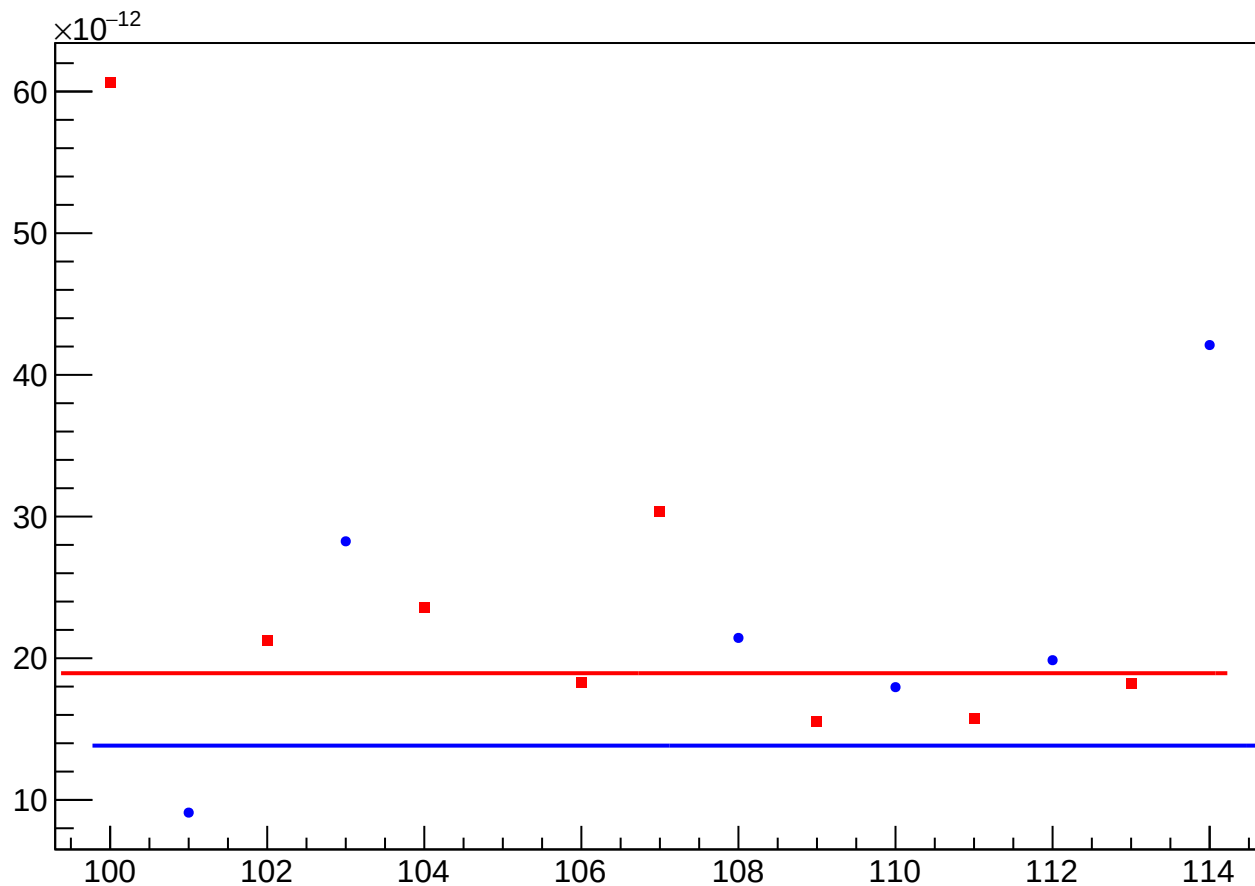
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 485.574 $\pm$ 0.143 χ^2 /NDF: 256978.1/13

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

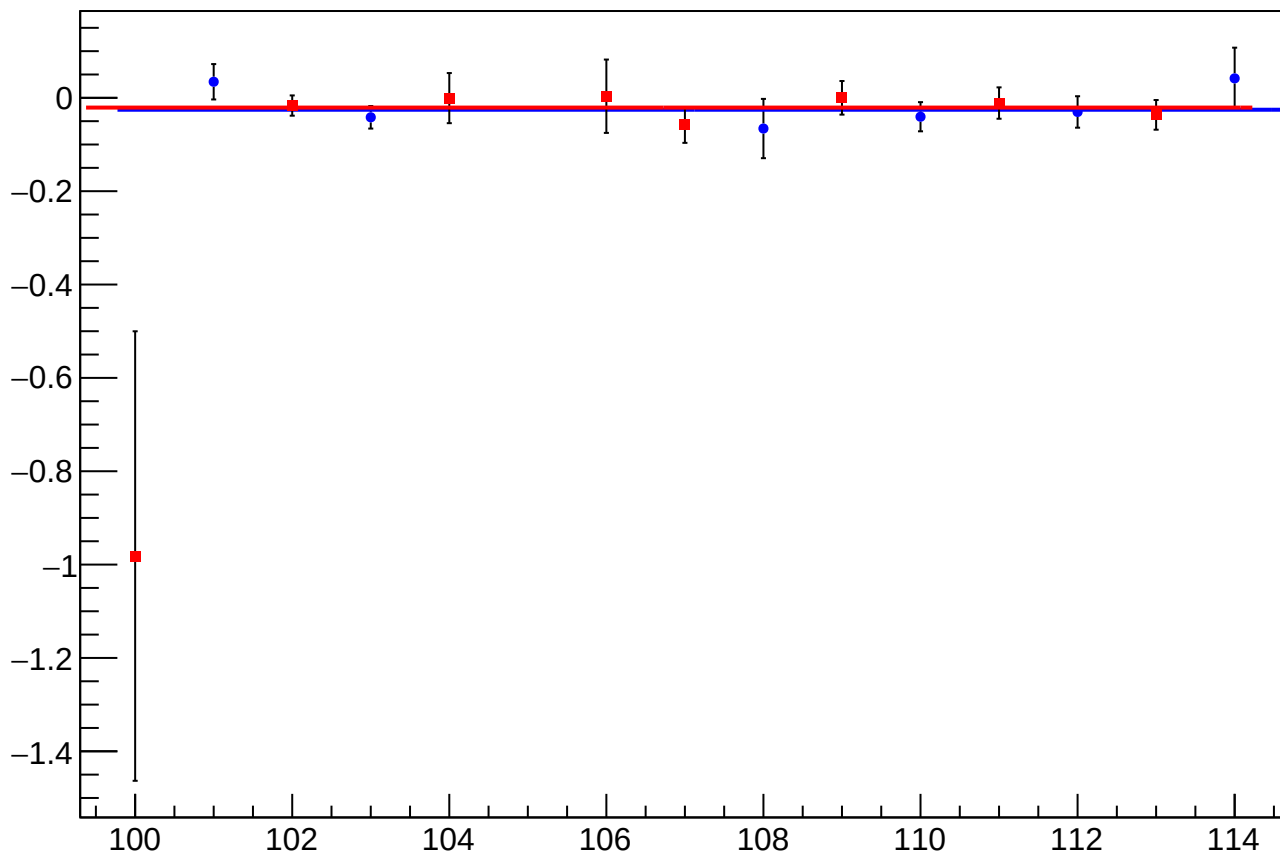
Right: 0.000+/-0.000 χ^2/NDF : 670628.7/13

In: 0.000+/-0.000 χ^2/NDF : 427511.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 670628.7/13

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

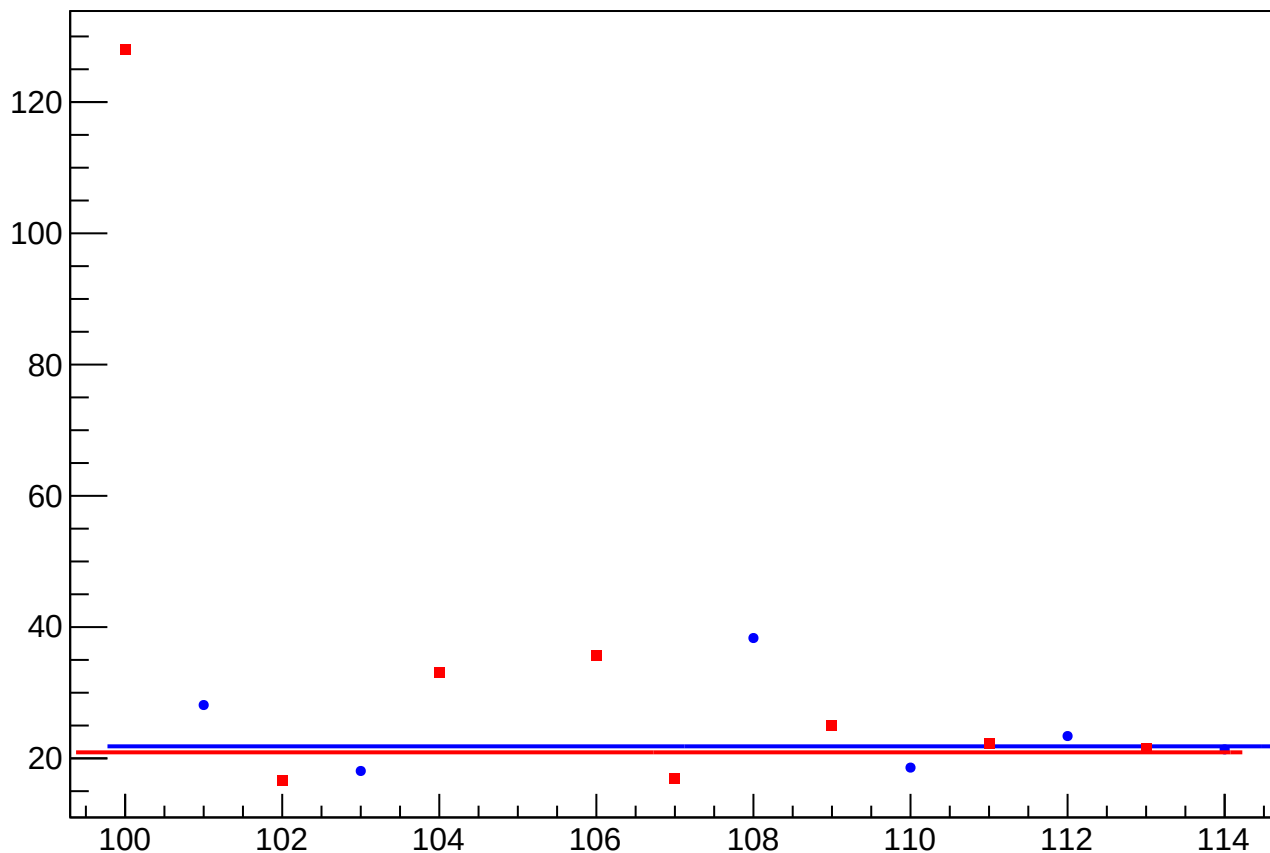
Right: -0.023 ± 0.010 χ^2/NDF : 10.6/13

In: -0.025 ± 0.014 χ^2/NDF : 4.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.010 χ^2/NDF : 10.6/13

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

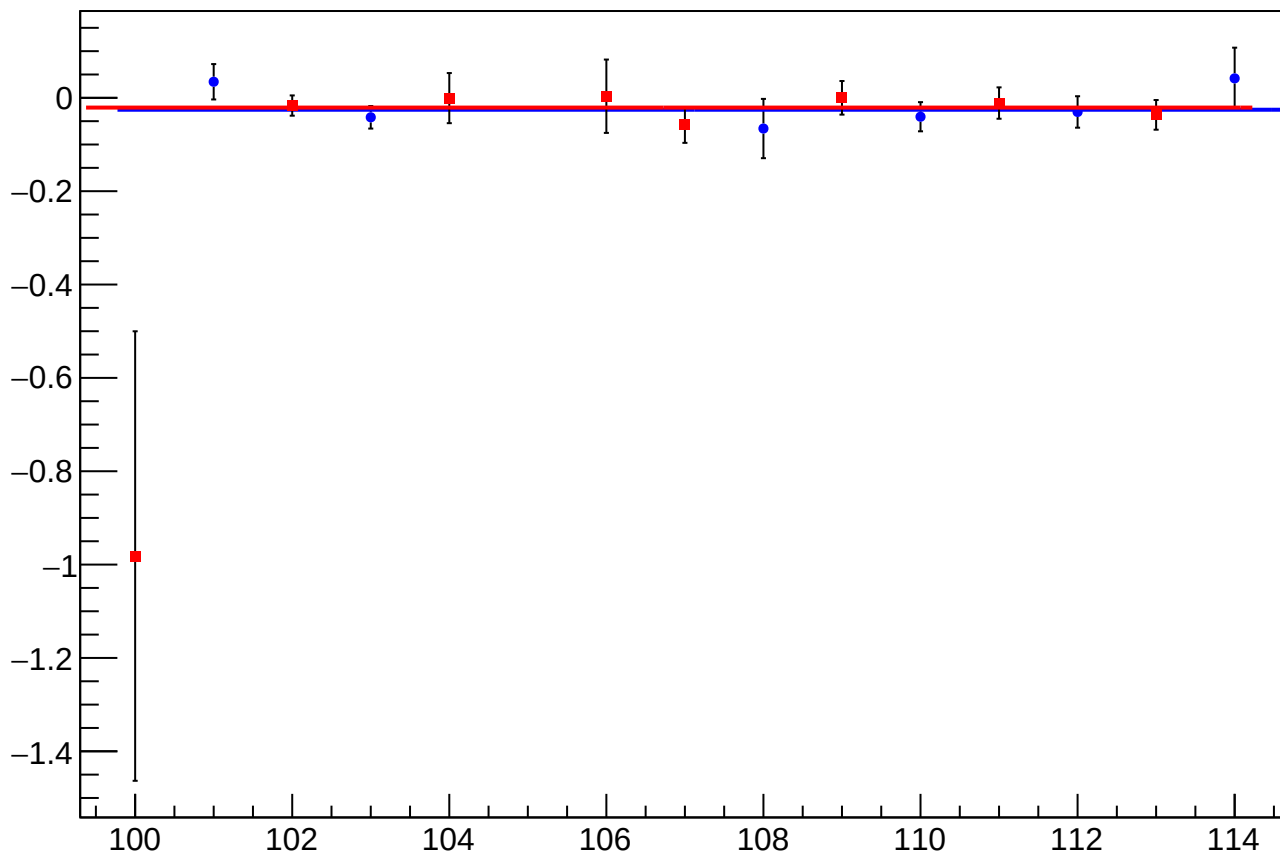
Right: 21.324+/-0.007 χ^2/NDF : 672273.6/13

In: 21.831+/-0.010 χ^2/NDF : 264396.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.324+/-0.007 χ^2/NDF : 672273.6/13

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

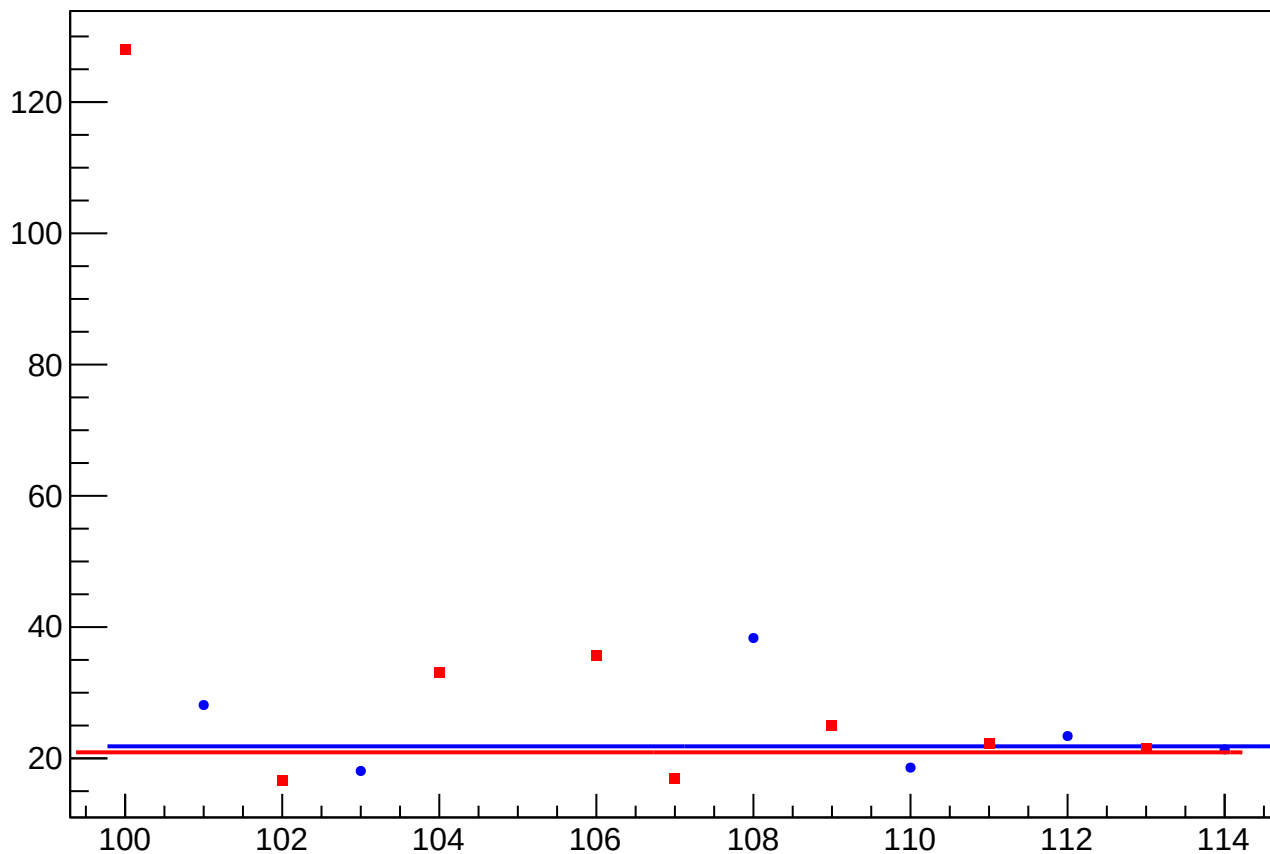
Right: -0.023 ± 0.010 χ^2/NDF : 10.6/13

In: -0.025 ± 0.014 χ^2/NDF : 4.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.010 χ^2/NDF : 10.6/13

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

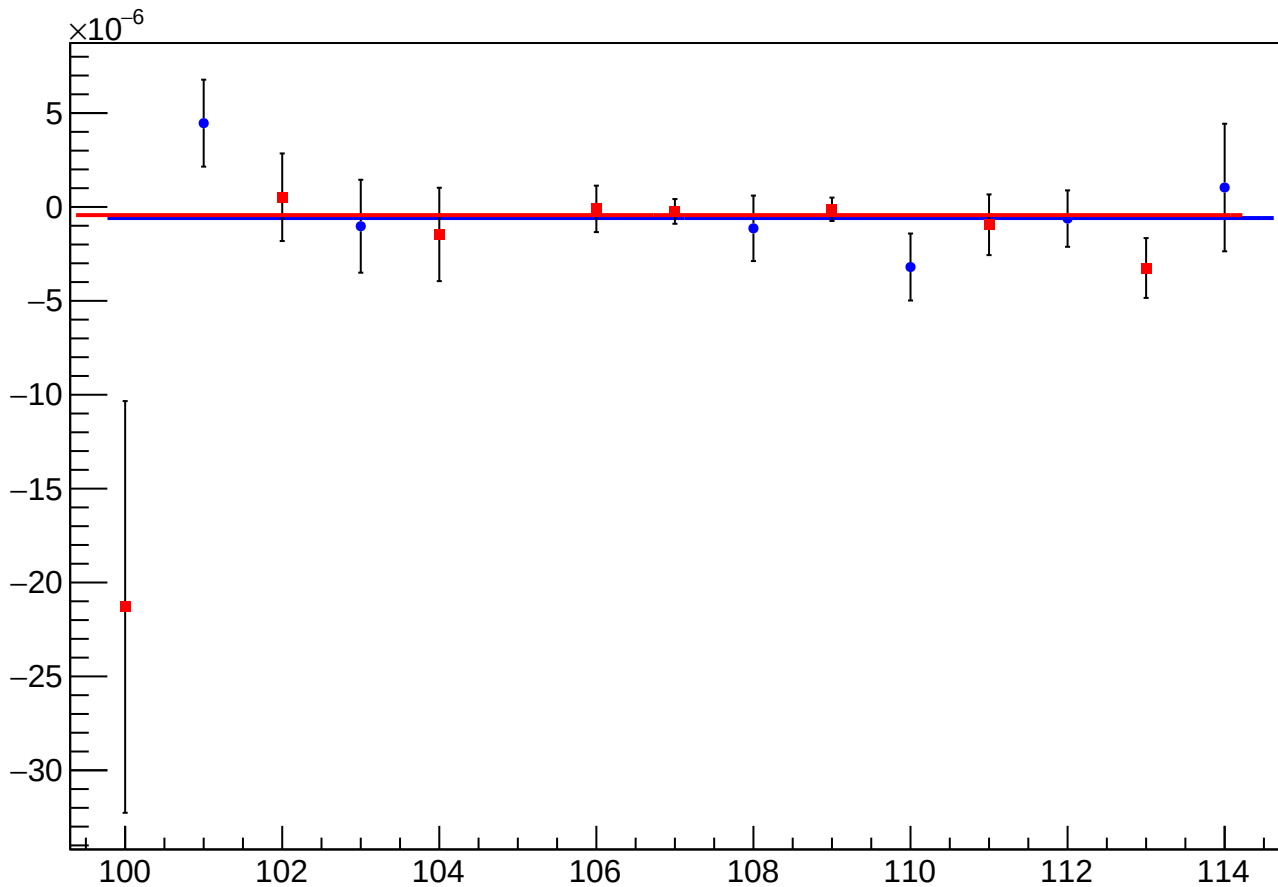
Right: 21.324+/-0.007 χ^2/NDF : 672273.6/13

In: 21.831+/-0.010 χ^2/NDF : 264396.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.324+/-0.007 χ^2/NDF : 672273.6/13

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/5

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

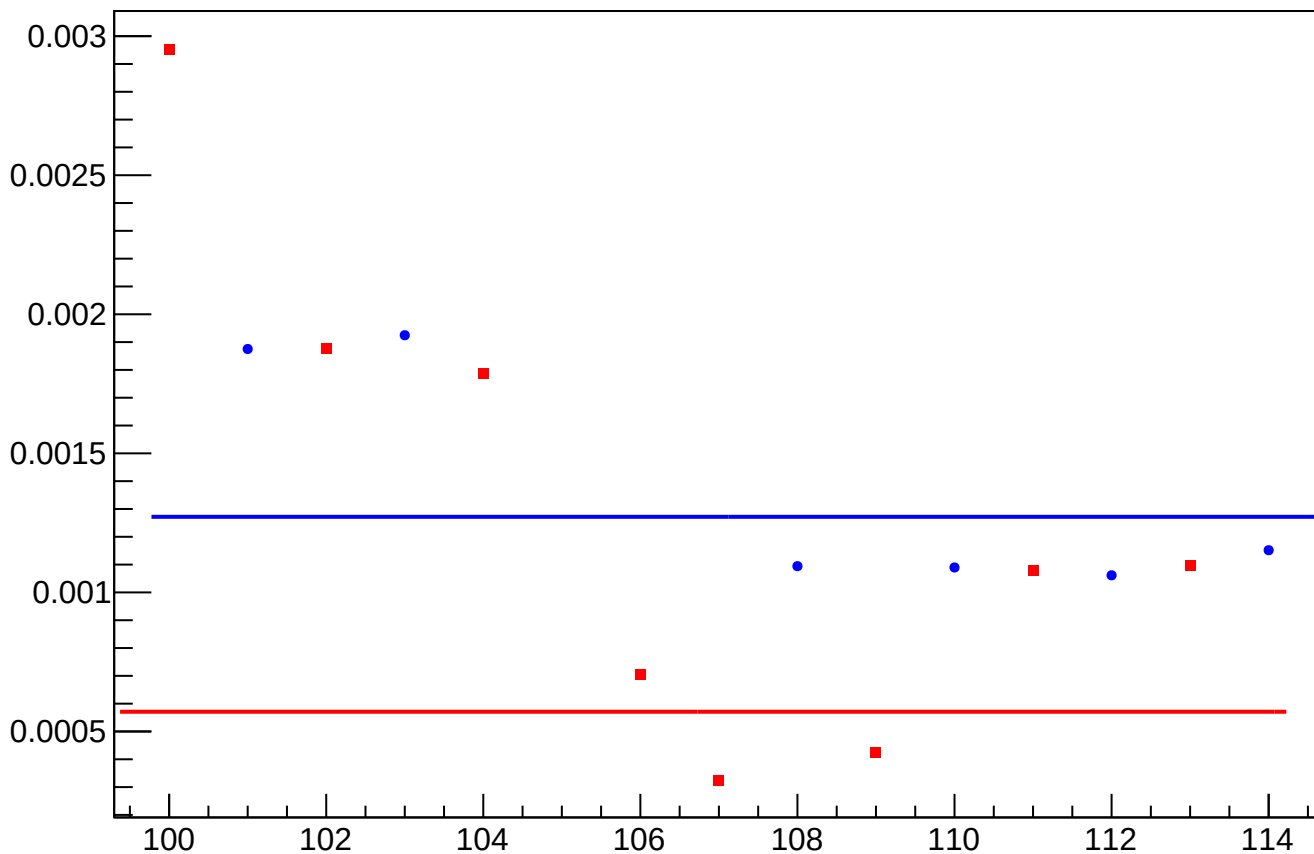
Right: -0.000+/-0.000 χ^2/NDF : 14.9/13

In: -0.000+/-0.000 χ^2/NDF : 7.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/13

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

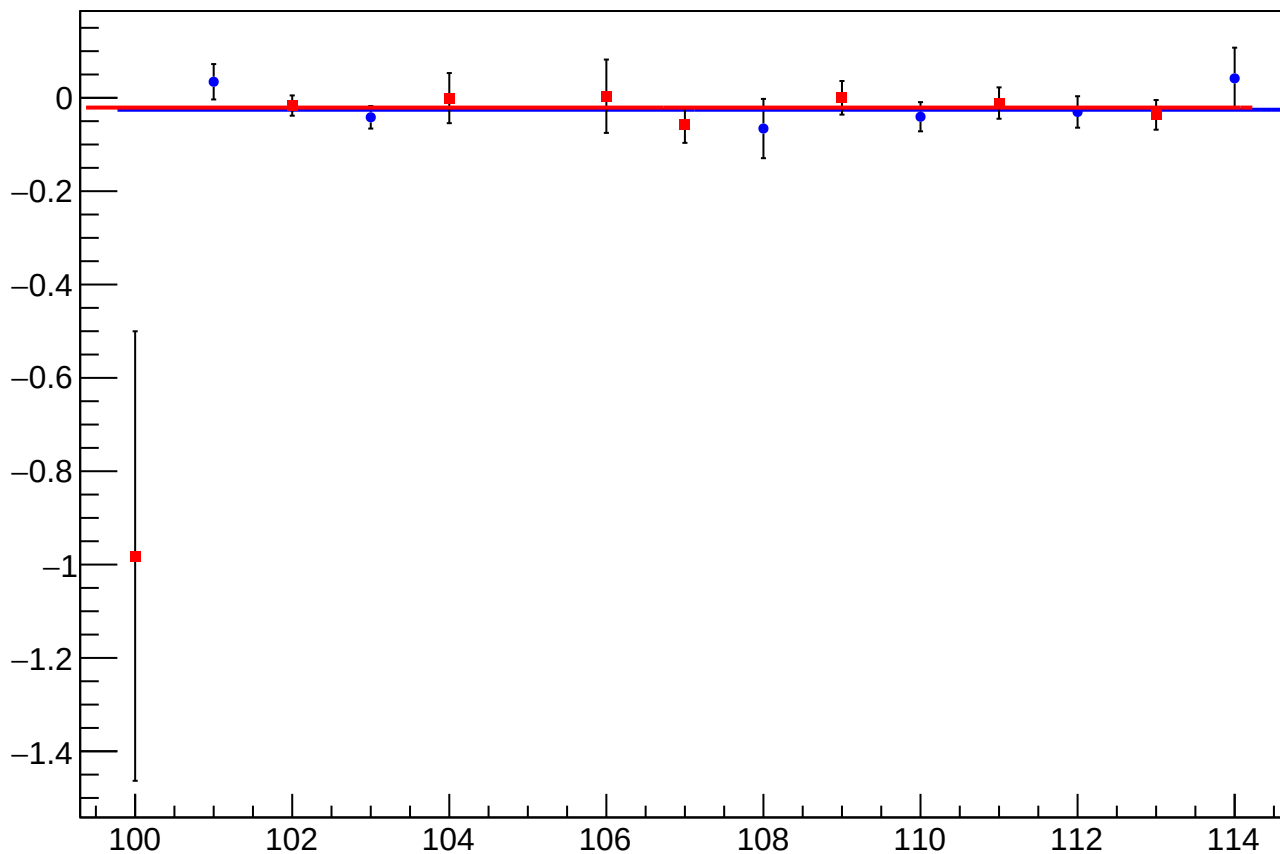
Right: 0.001+/-0.000 χ^2/NDF : 3608214.6/13

In: 0.001+/-0.000 χ^2/NDF : 358301.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3608214.6/13

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

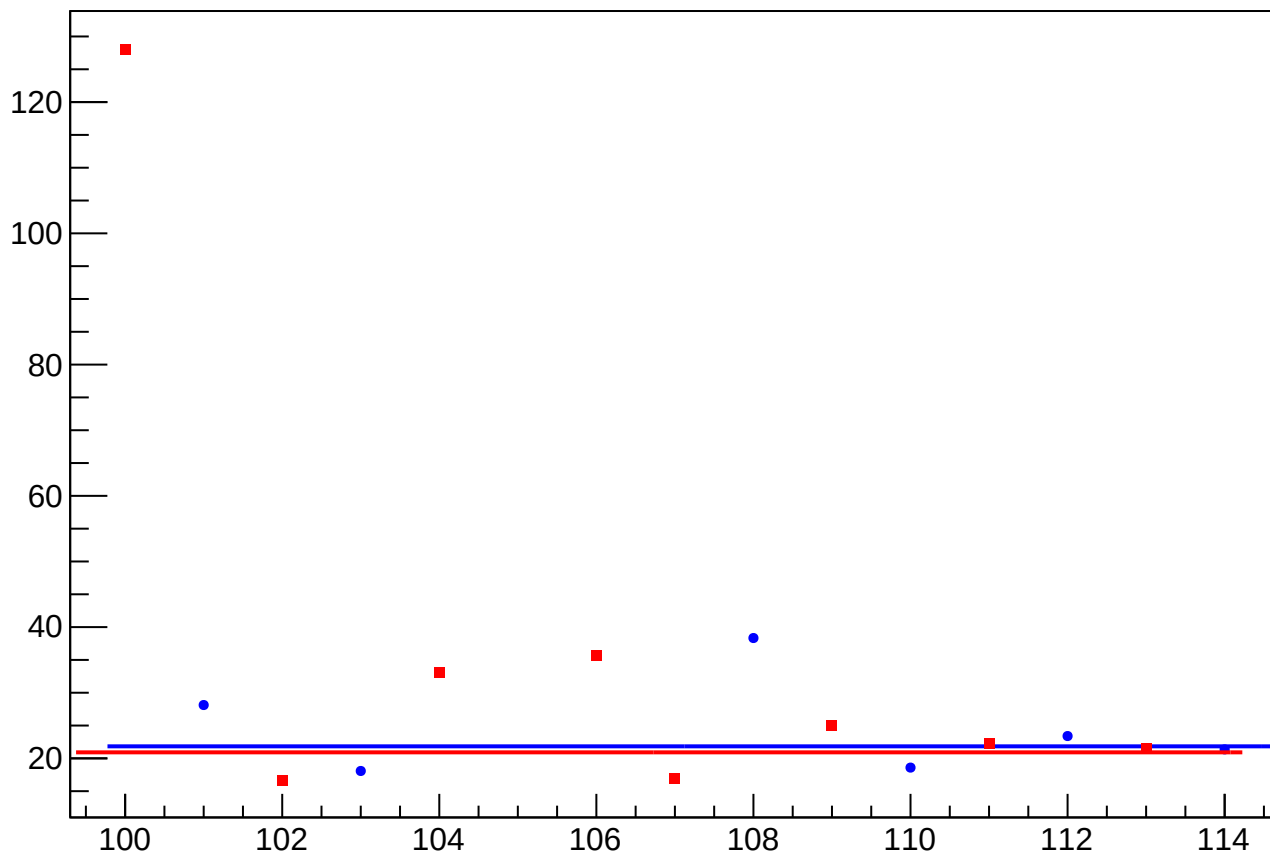
Right: -0.023+/-0.010 χ^2 /NDF: 10.6/13

In: -0.025+/-0.014 χ^2 /NDF:4.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.010 χ^2 /NDF: 10.6/13

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

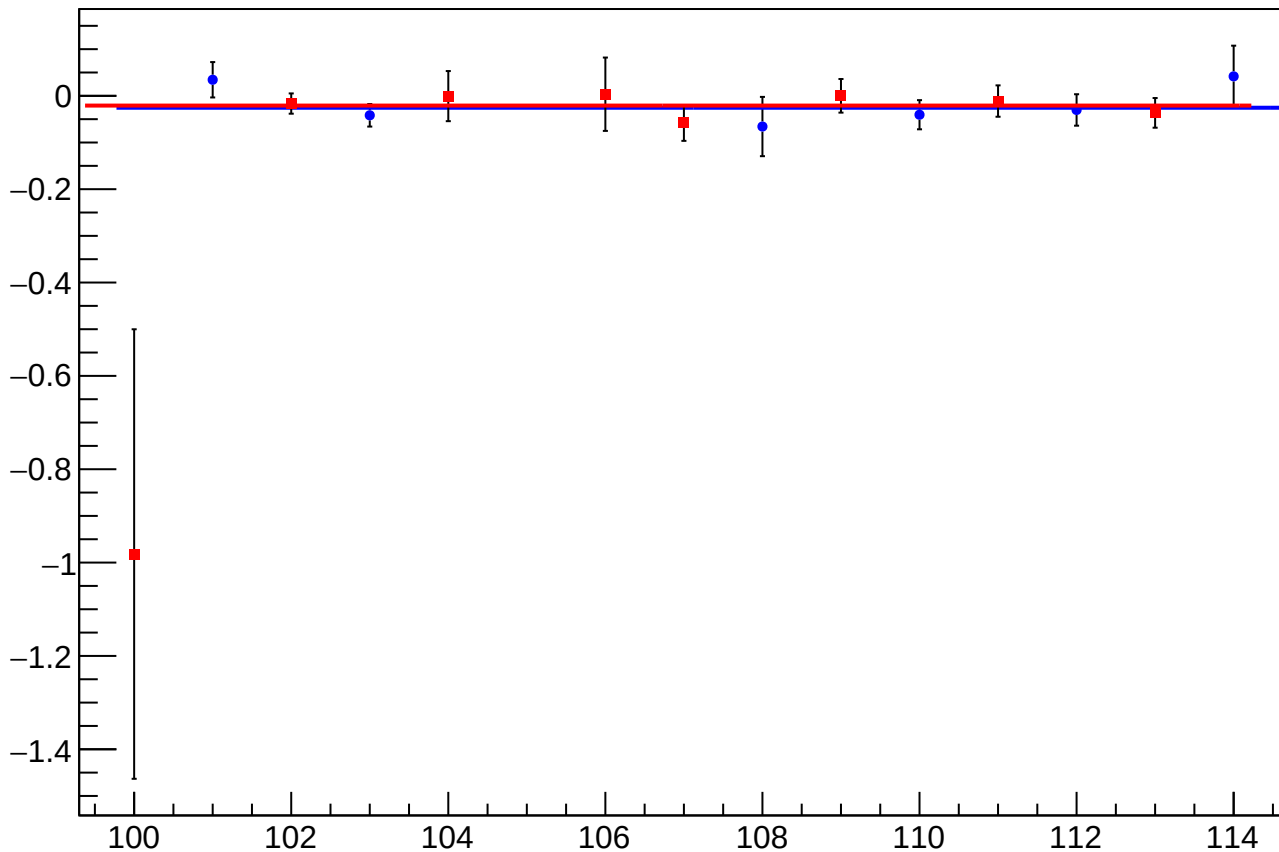
Right: 21.324 $\pm$ 0.007 χ^2 /NDF: 672281.0/13

In: 21.832 $\pm$ 0.010 χ^2 /NDF:264400.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.324 $\pm$ 0.007 χ^2 /NDF: 672281.0/13

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

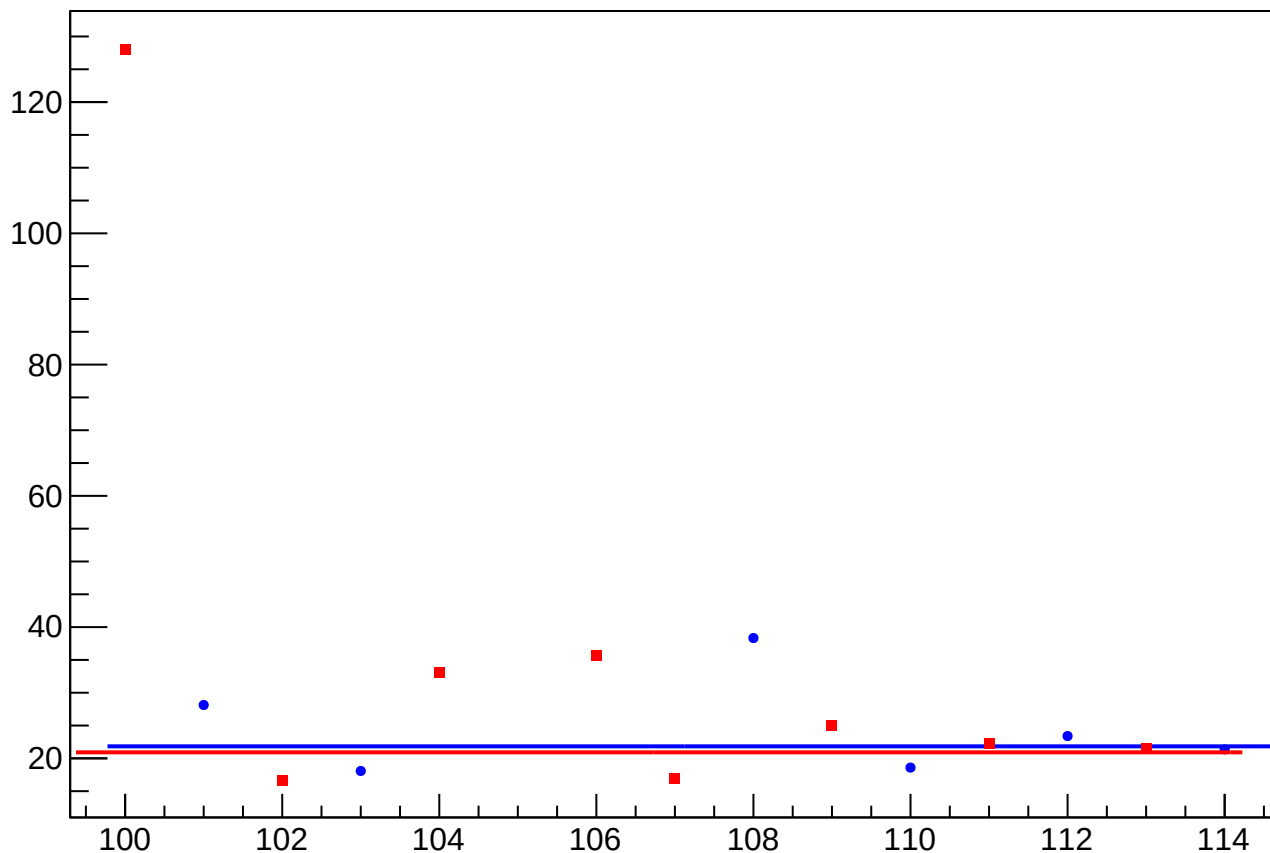
Right: -0.023 $\pm$ 0.010 χ^2 /NDF: 10.6/13

In: -0.025 $\pm$ 0.014 χ^2 /NDF:4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.010 χ^2 /NDF: 10.6/13

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

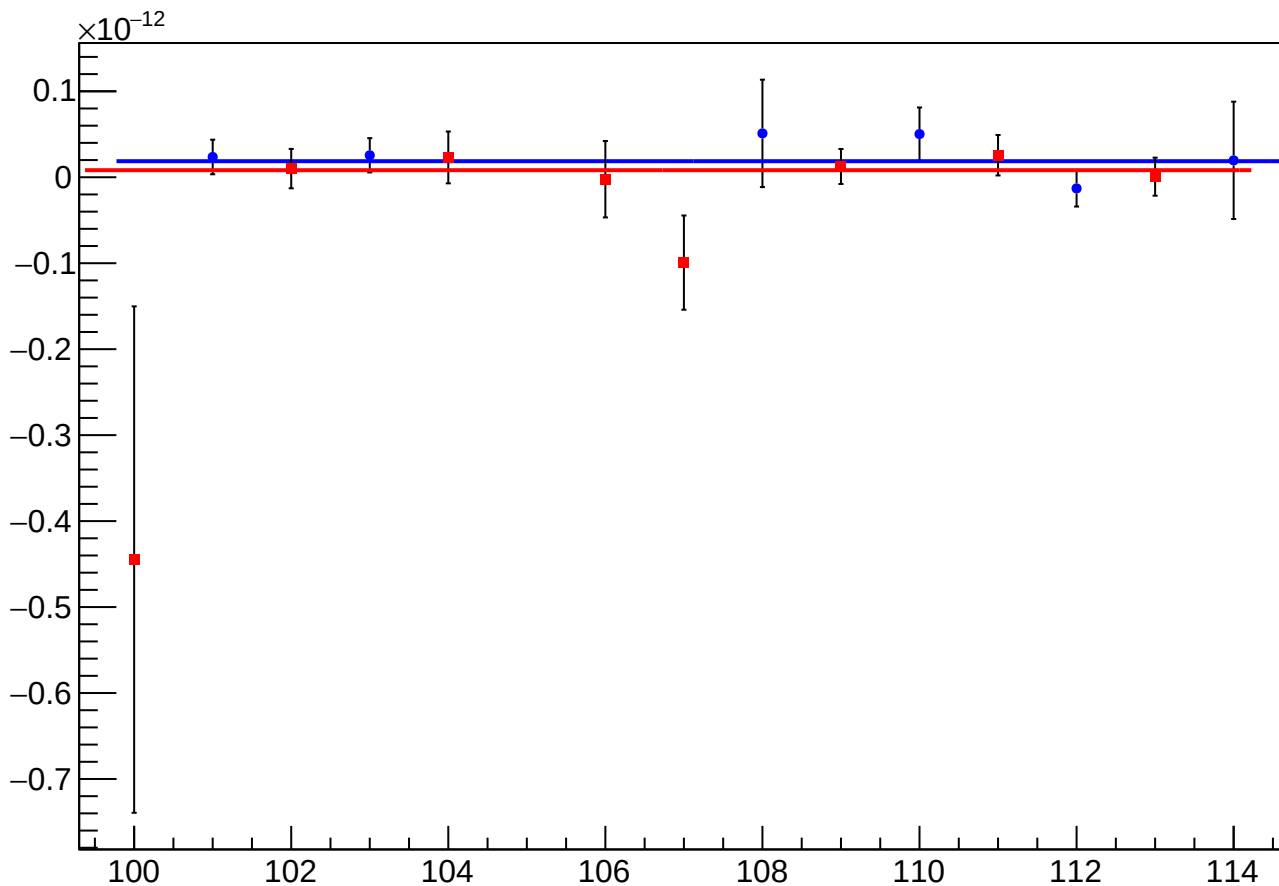
Right: 21.324+/-0.007 χ^2/NDF : 672281.0/13

In: 21.832+/-0.010 χ^2/NDF : 264400.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.324+/-0.007 χ^2/NDF : 672281.0/13

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 7.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

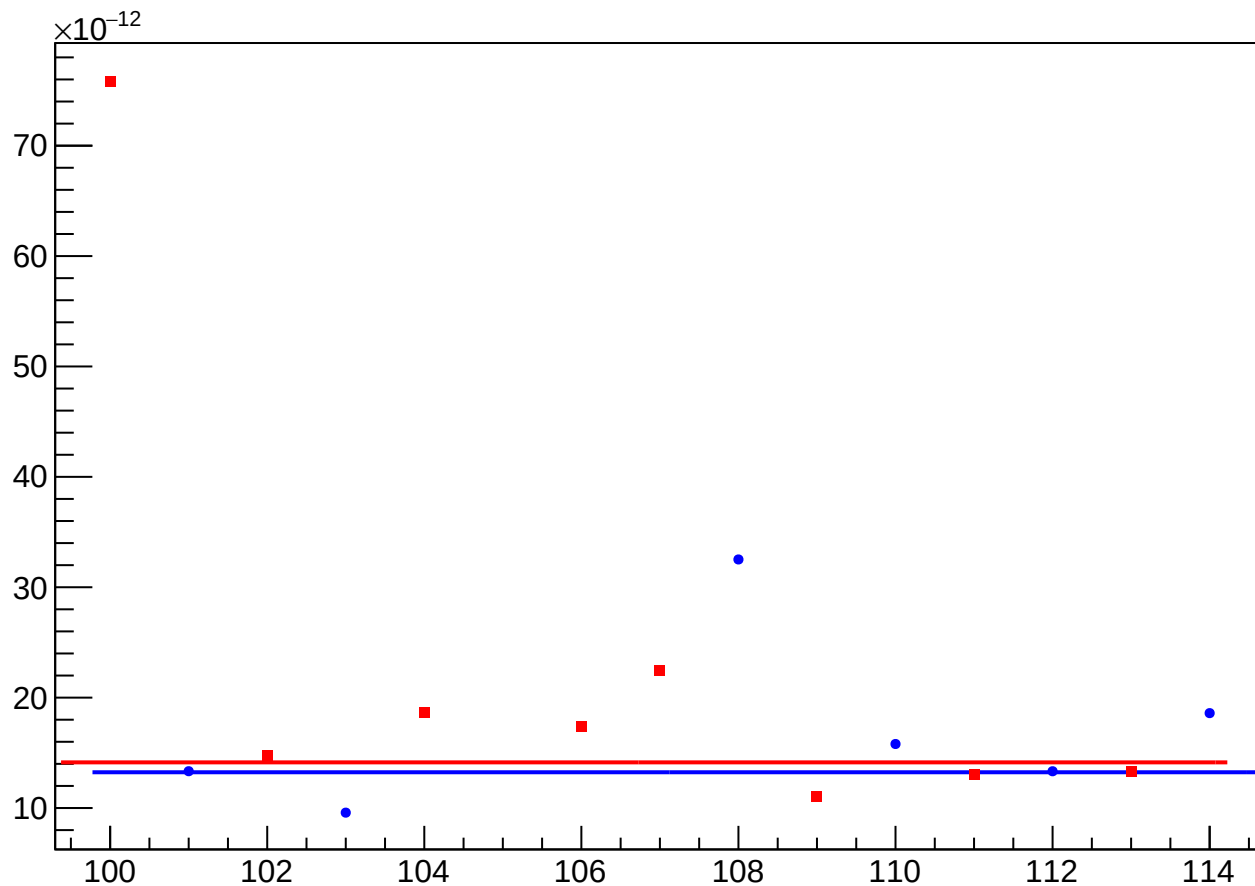
Right: 0.000+/-0.000 χ^2 /NDF: 11.5/13

In: 0.000+/-0.000 χ^2 /NDF:3.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 11.5/13

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

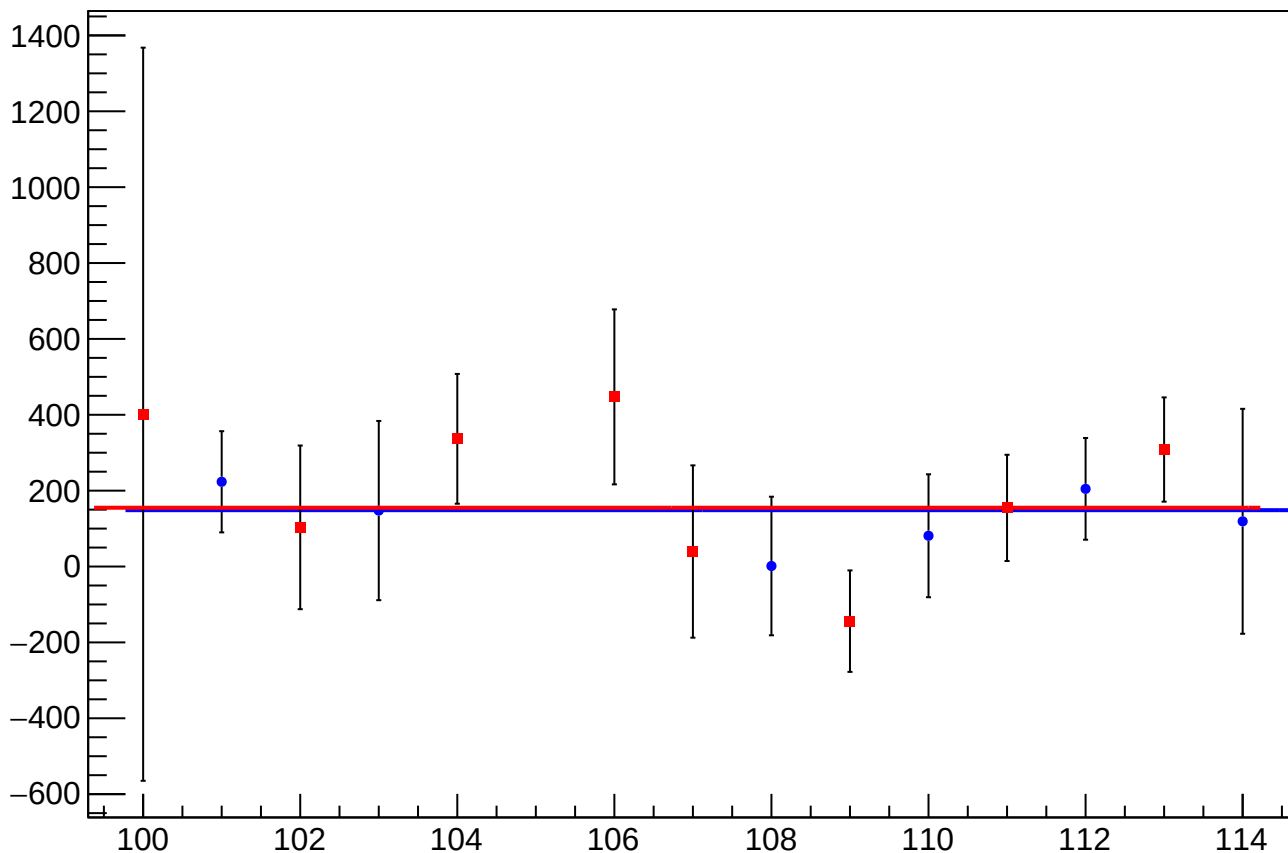
Right: 0.000+/-0.000 χ^2/NDF : 534152.4/13

In: 0.000+/-0.000 χ^2/NDF : 283869.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 534152.4/13

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

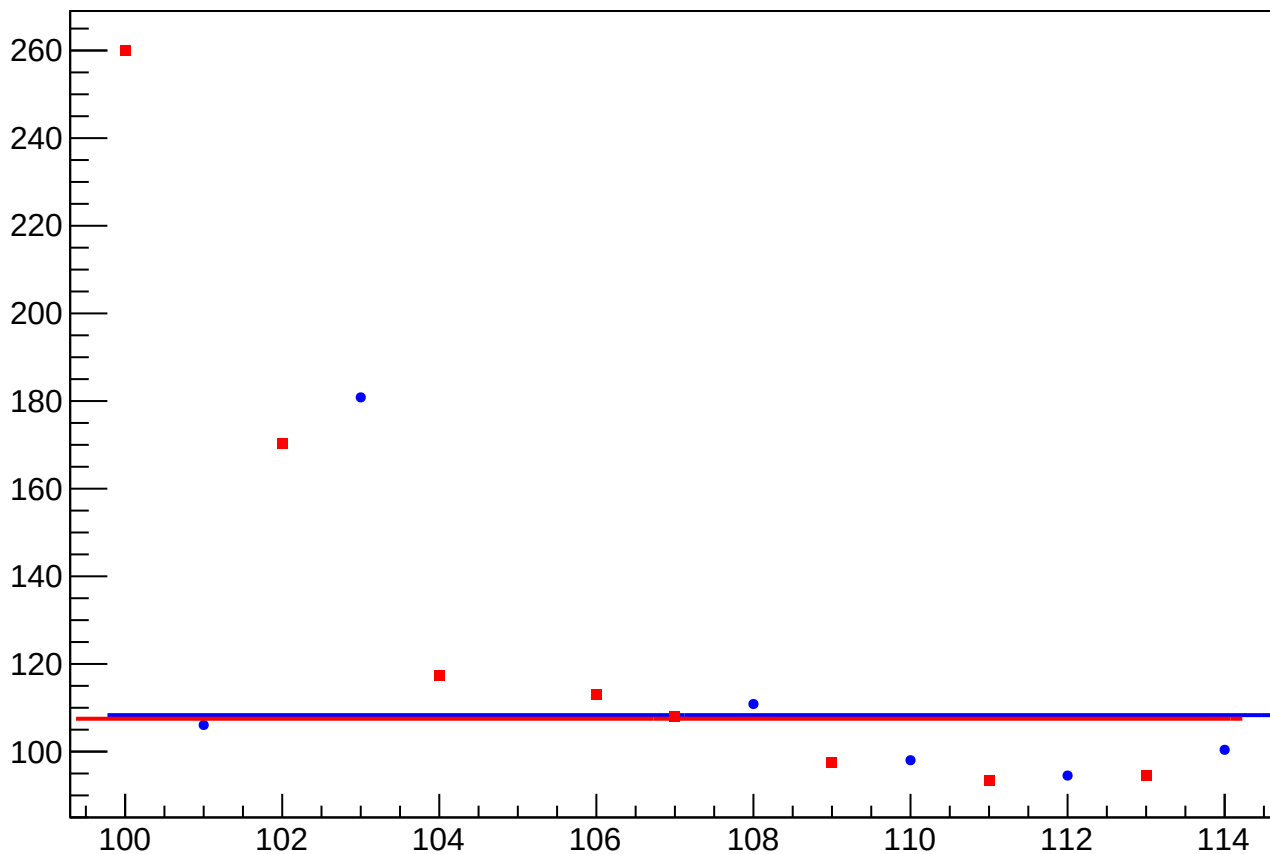
Right: 152.093 $\pm$ 46.423 χ^2 /NDF: 10.7/13

In: 148.565 $\pm$ 69.129 χ^2 /NDF: 1.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.093 $\pm$ 46.423 χ^2 /NDF: 10.7/13

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

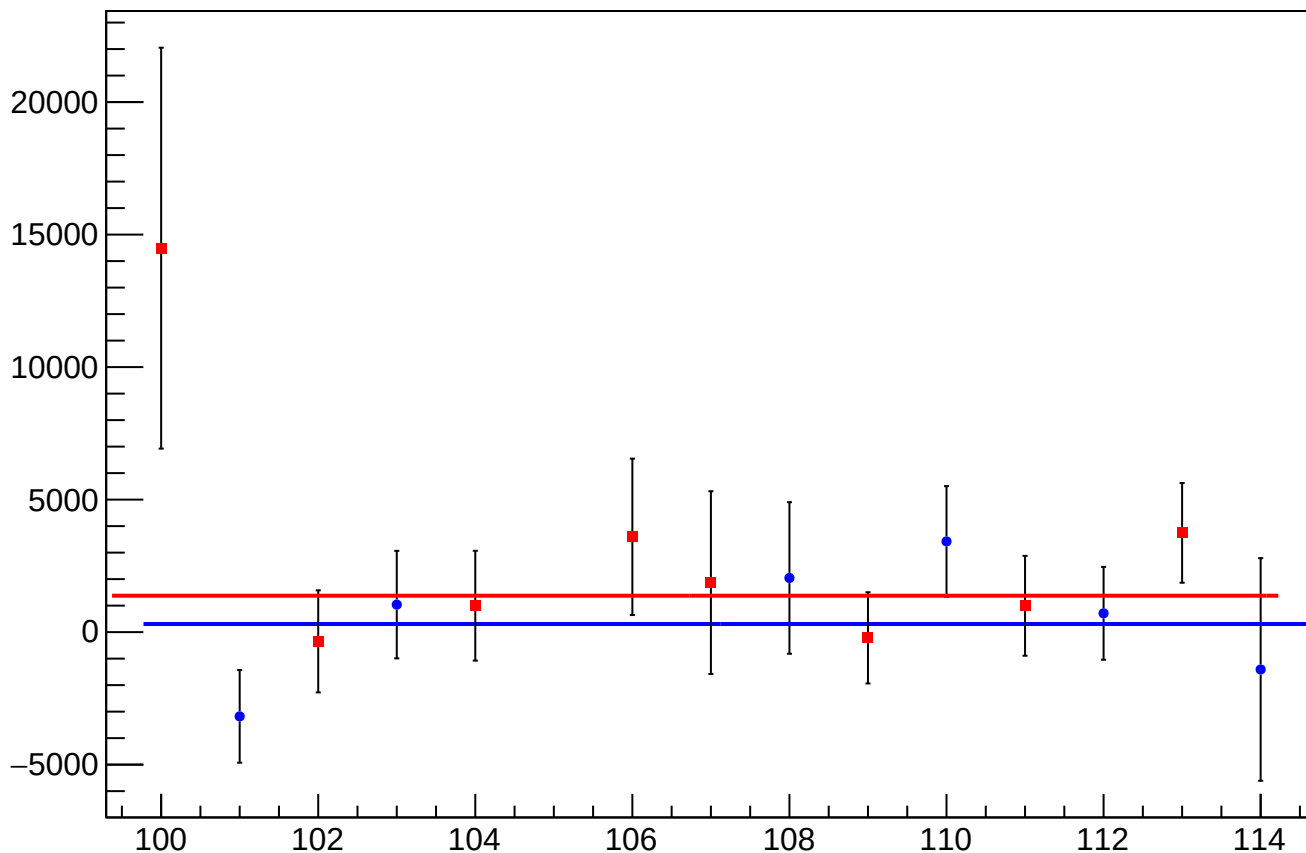
Right: 107.868+/-0.033 χ^2/NDF : 496814.1/13

In: 108.318+/-0.049 χ^2/NDF : 220061.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.868+/-0.033 χ^2/NDF : 496814.1/13

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

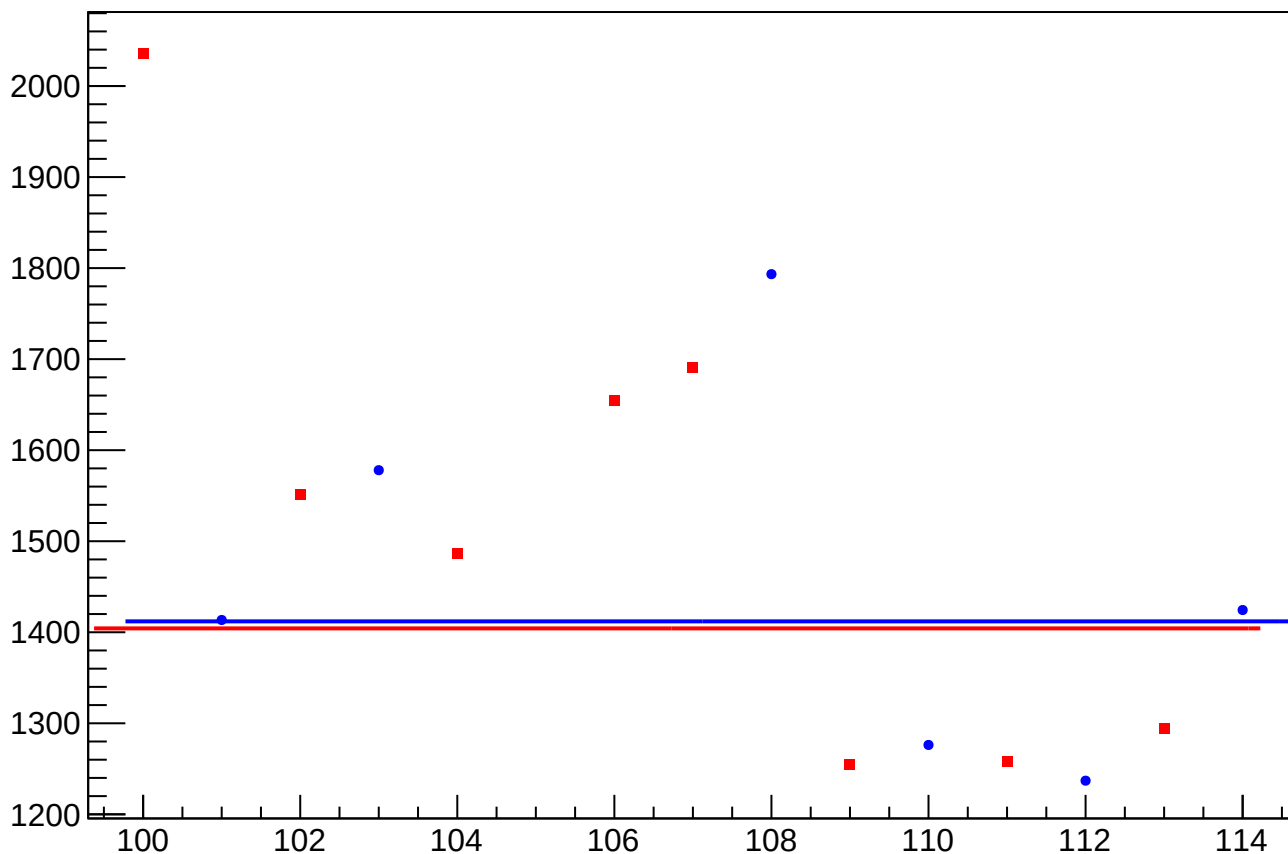
Right: 897.866 $\pm$ 584.569 χ^2 /NDF: 14.7/13

In: 306.307 $\pm$ 875.453 χ^2 /NDF:6.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 897.866 $\pm$ 584.569 χ^2 /NDF: 14.7/13

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

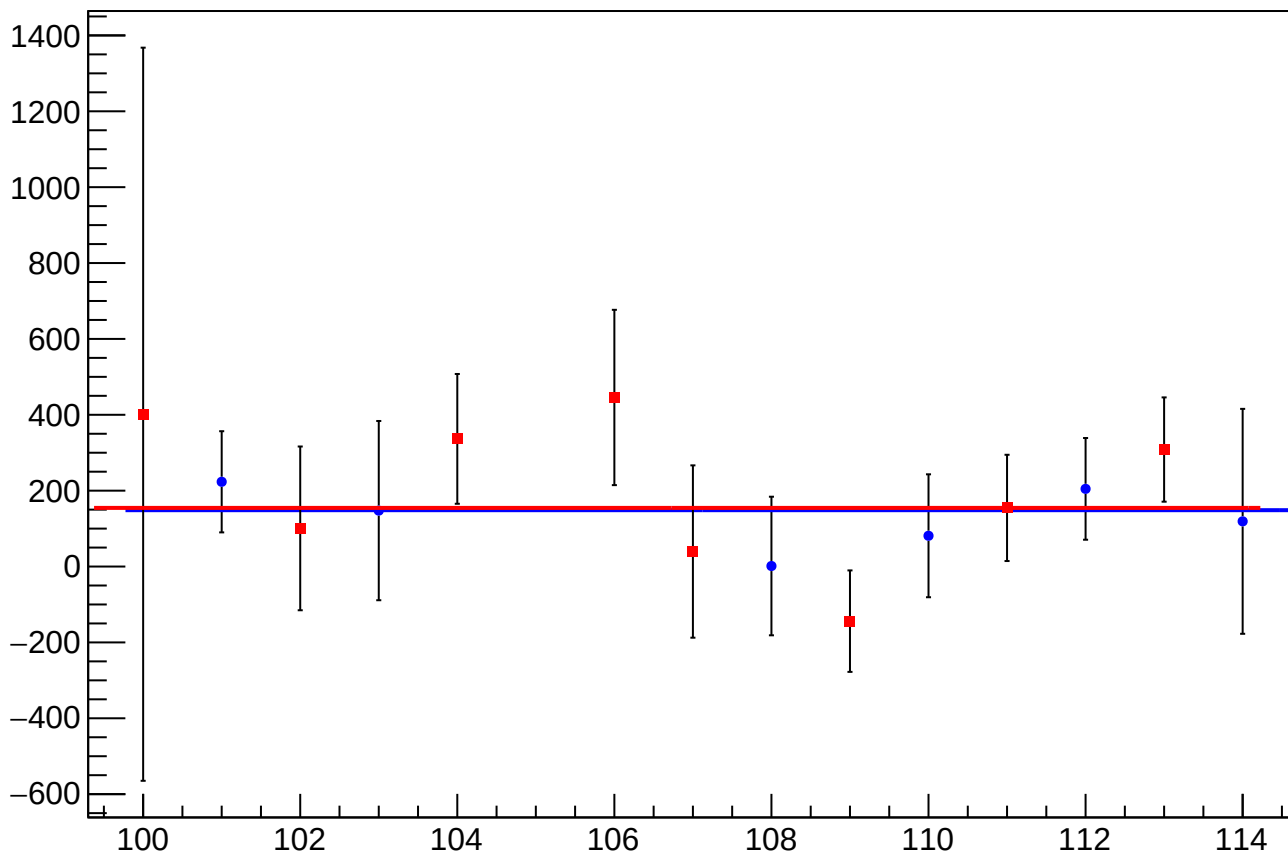
Right: 1407.691+/-0.413 χ^2/NDF : 168454.7/13

In: 1411.962+/-0.619 χ^2/NDF : 77432.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.691+/-0.413 χ^2/NDF : 168454.7/13

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

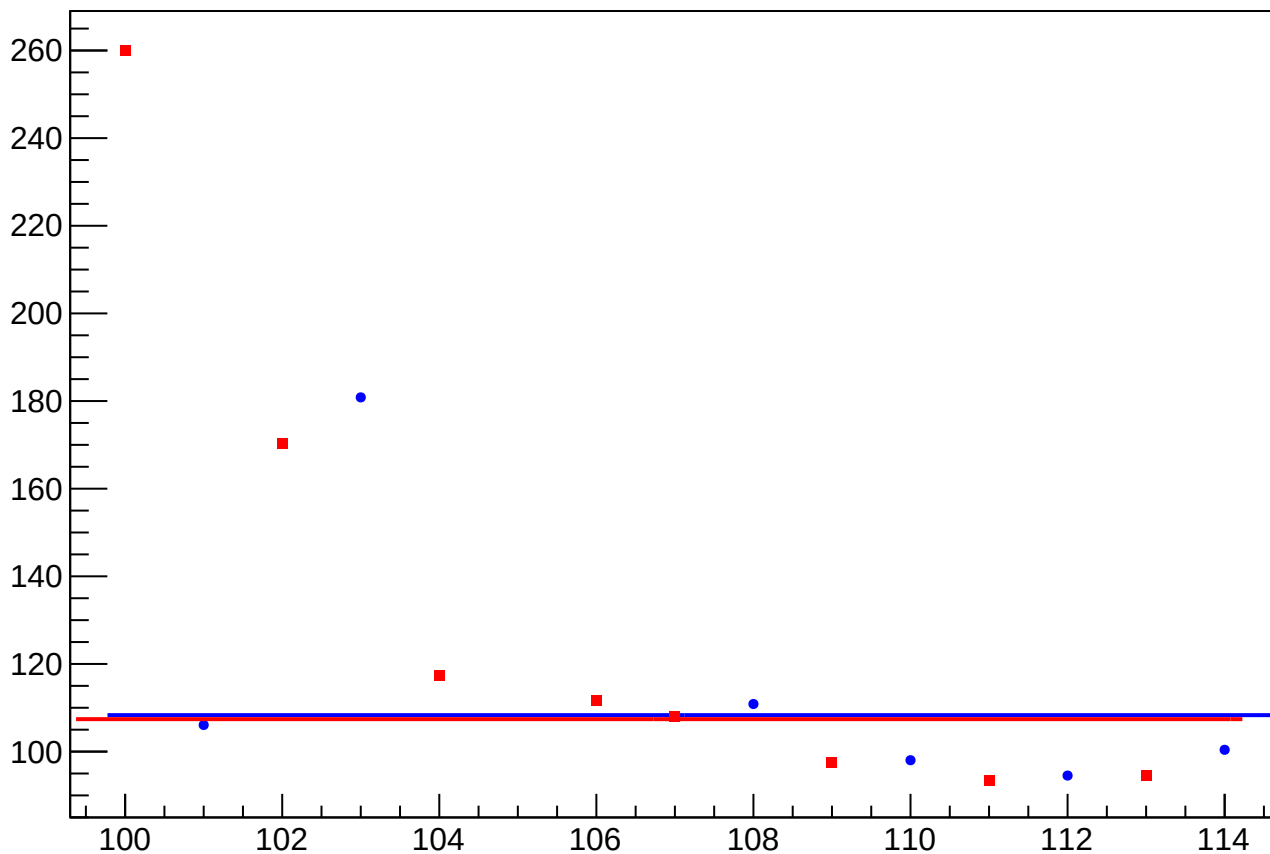
Right: 151.852 $\pm$ 46.427 χ^2 /NDF: 10.7/13

In: 148.548 $\pm$ 69.129 χ^2 /NDF: 1.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.852 $\pm$ 46.427 χ^2 /NDF: 10.7/13

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 108.318+/-0.049 χ^2/NDF : 220064.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.402+/-0.044 χ^2/NDF : 276390.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

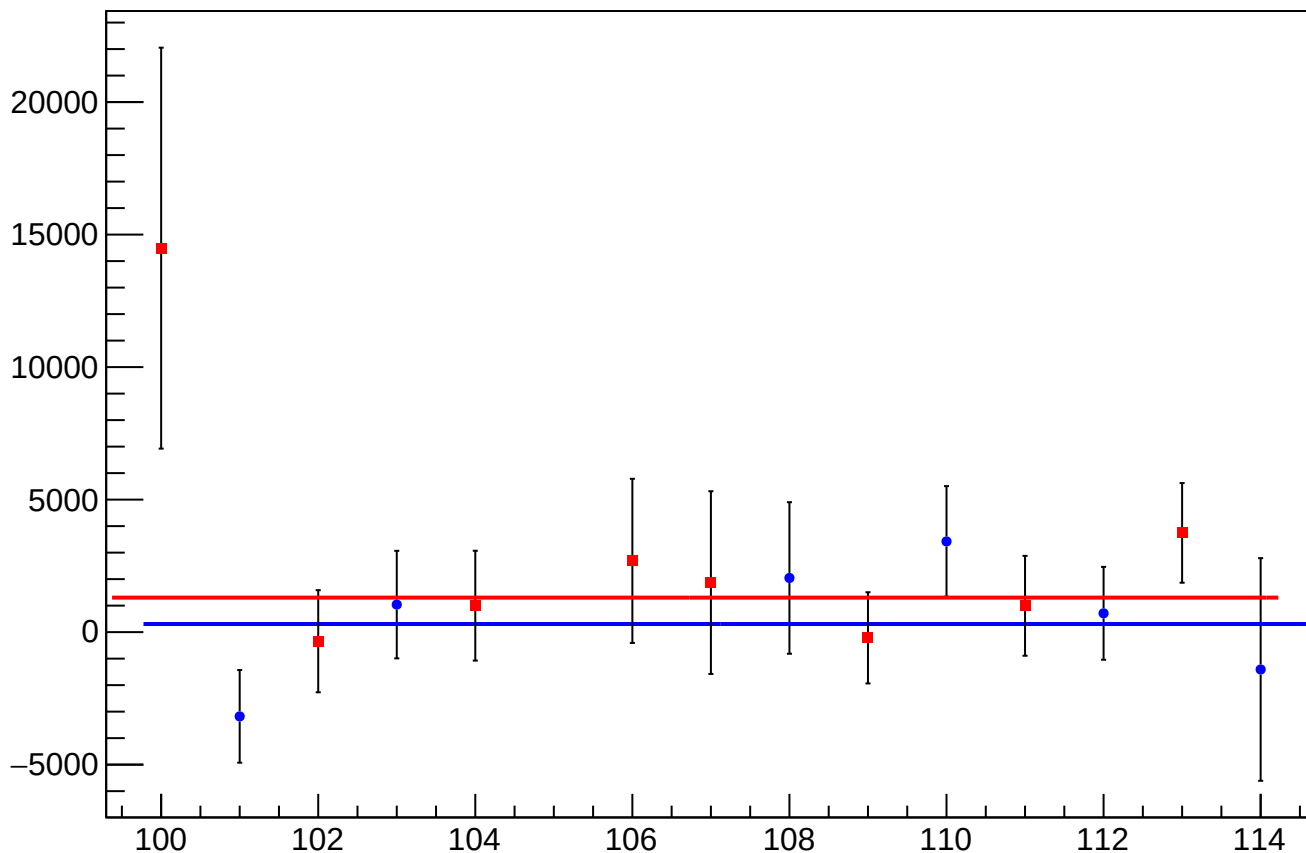
Right: 107.815+/-0.033 χ^2/NDF : 496647.7/13

In: 108.318+/-0.049 χ^2/NDF : 220064.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.815+/-0.033 χ^2/NDF : 496647.7/13

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

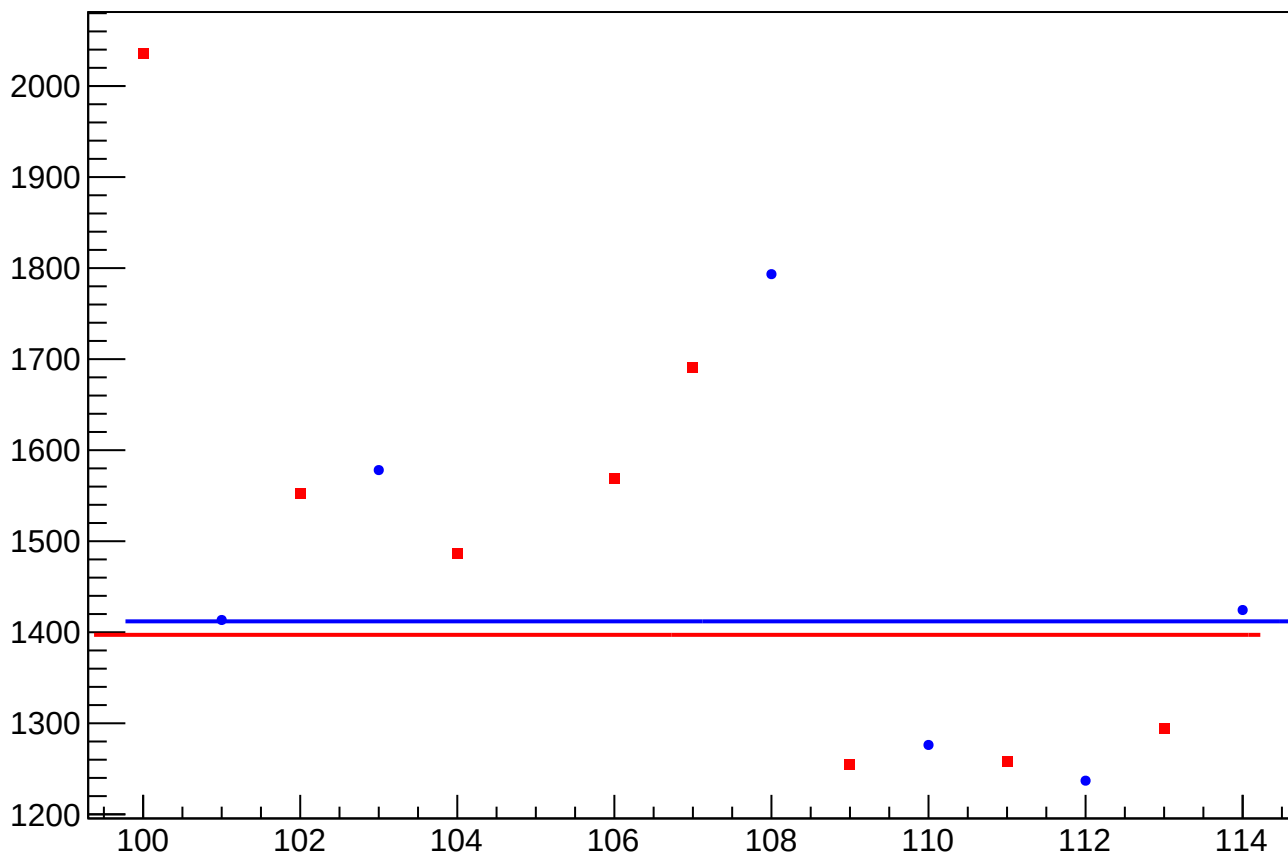
Right: 856.563+/-585.664 χ^2/NDF : 14.2/13

In: 306.437+/-875.465 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.563+/-585.664 χ^2/NDF : 14.2/13

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

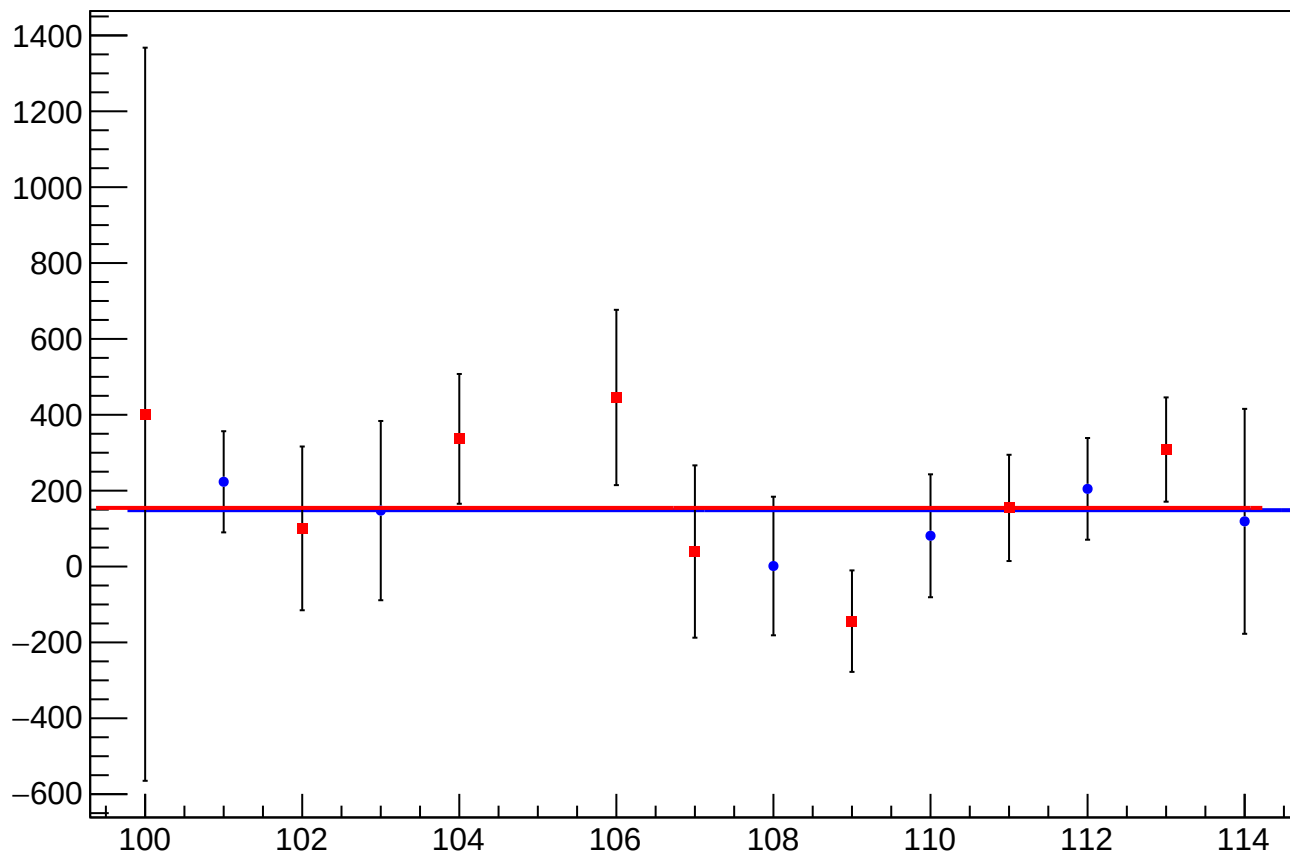
Right: 1403.788+/-0.414 χ^2/NDF : 159874.6/13

In: 1411.978+/-0.619 χ^2/NDF : 77447.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.788+/-0.414 χ^2/NDF : 159874.6/13

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

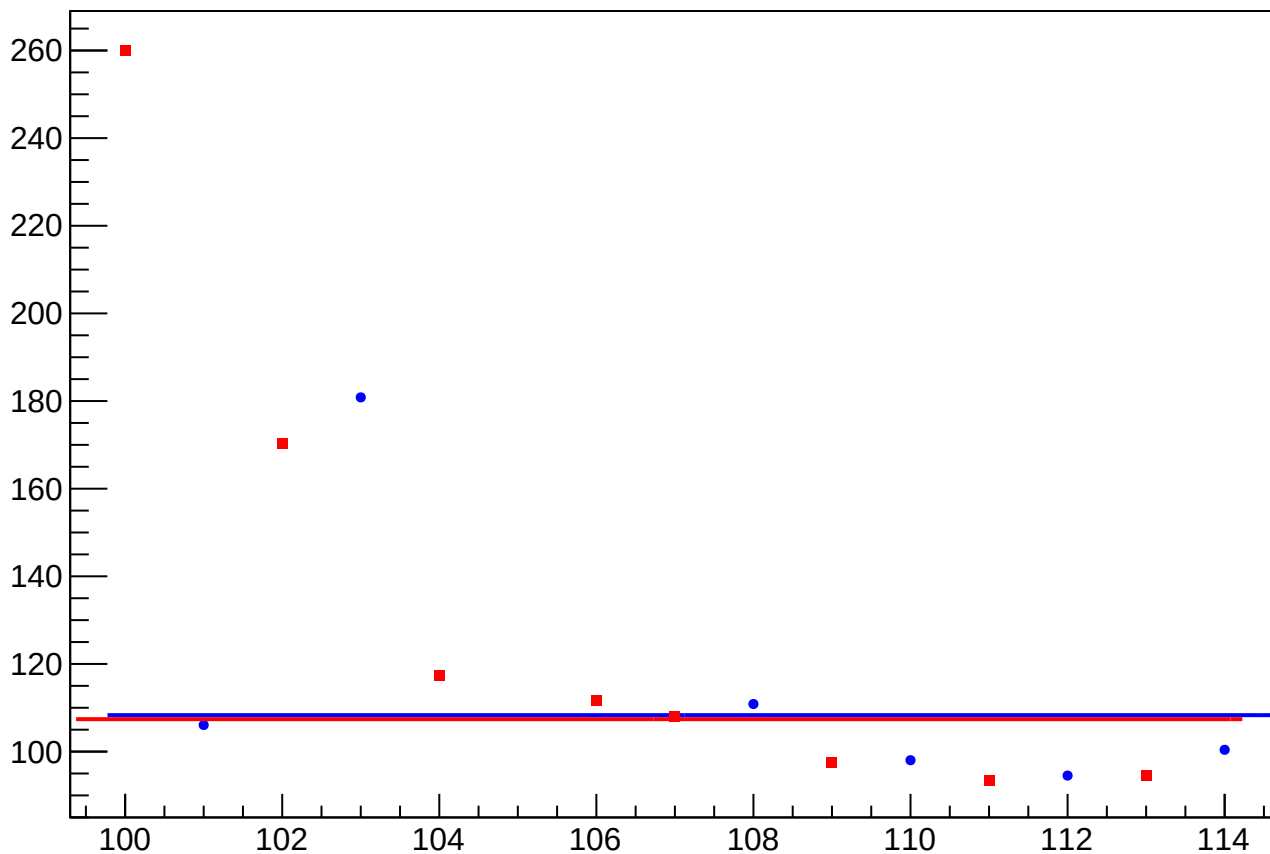
Right: 151.852 $\pm$ 46.427 χ^2 /NDF: 10.7/13

In: 148.548 $\pm$ 69.129 χ^2 /NDF:1.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.852 $\pm$ 46.427 χ^2 /NDF: 10.7/13

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 108.318+/-0.049 χ^2/NDF : 220064.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.402+/-0.044 χ^2/NDF : 276390.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

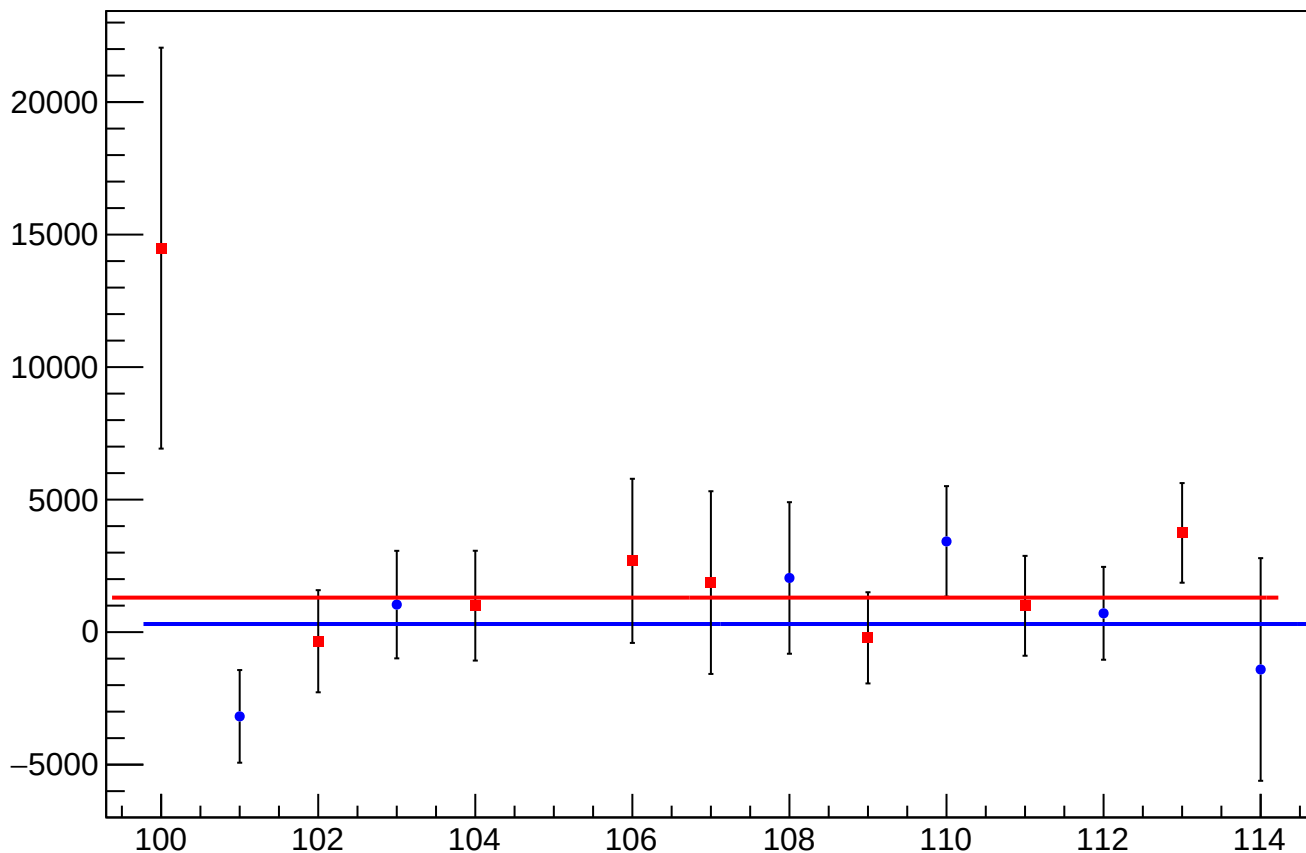
Right: 107.815+/-0.033 χ^2/NDF : 496647.7/13

In: 108.318+/-0.049 χ^2/NDF : 220064.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.815+/-0.033 χ^2/NDF : 496647.7/13

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

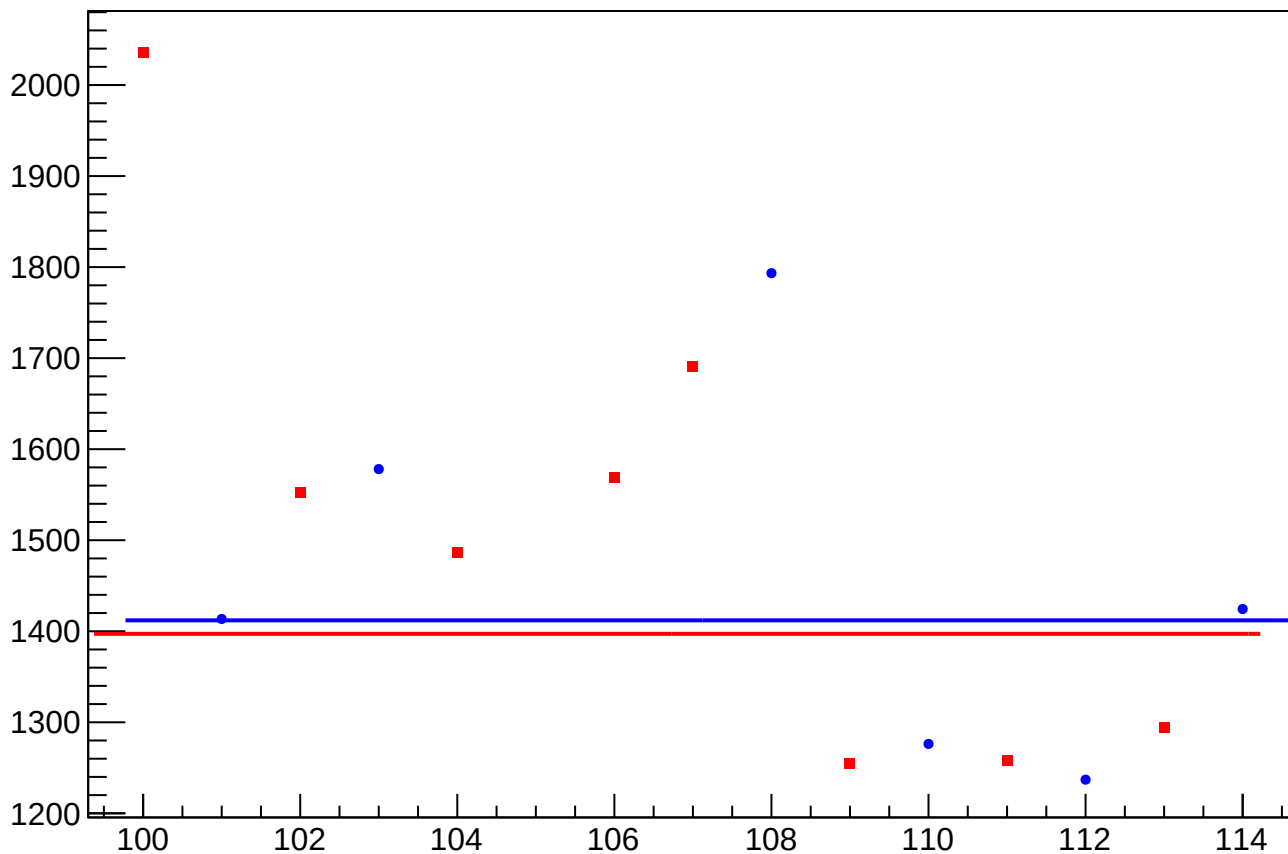
Right: 856.563+/-585.664 χ^2/NDF : 14.2/13

In: 306.437+/-875.465 χ^2/NDF :6.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 856.563+/-585.664 χ^2/NDF : 14.2/13

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

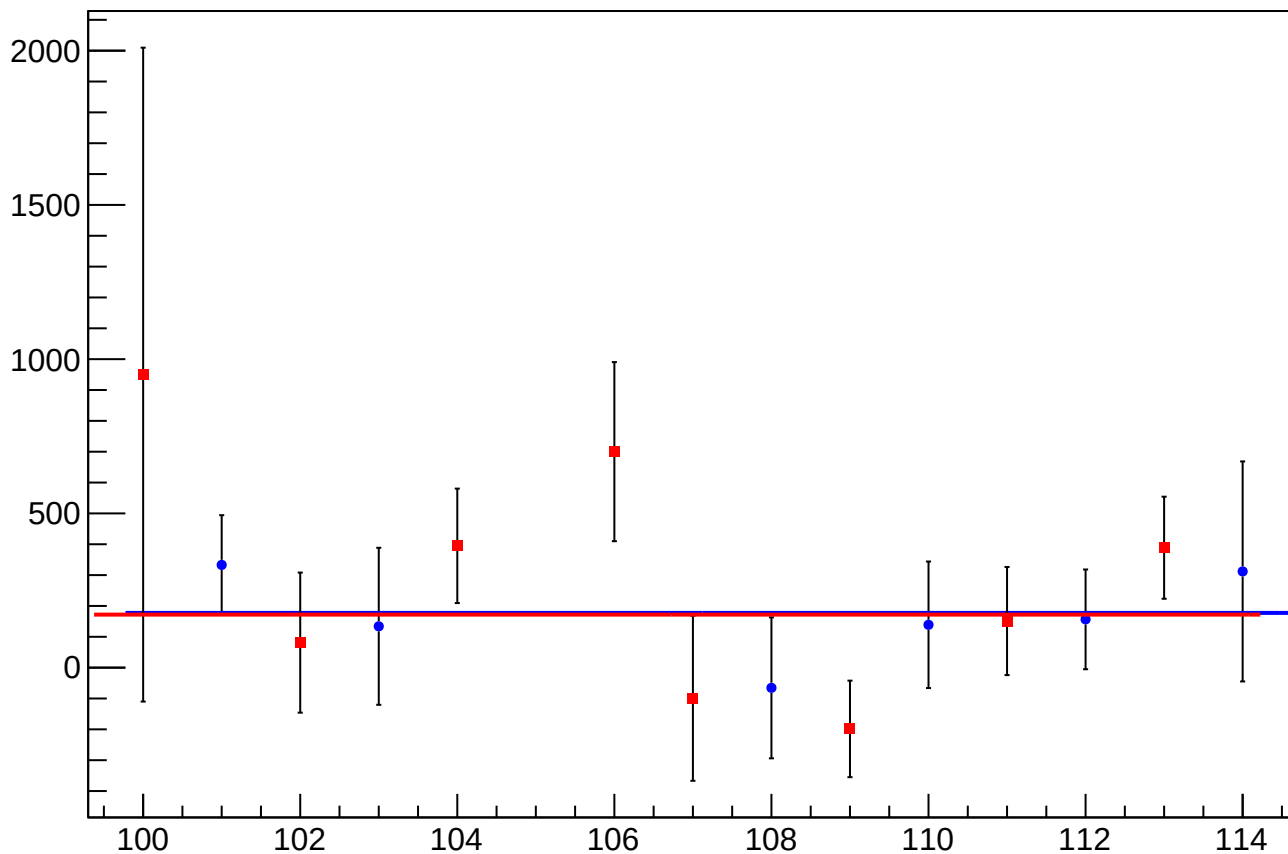
Right: 1403.788+/-0.414 χ^2/NDF : 159874.6/13

In: 1411.978+/-0.619 χ^2/NDF : 77447.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.788+/-0.414 χ^2/NDF : 159874.6/13

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 177.473+/-83.632 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.897+/-73.495 χ^2/NDF : 13.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

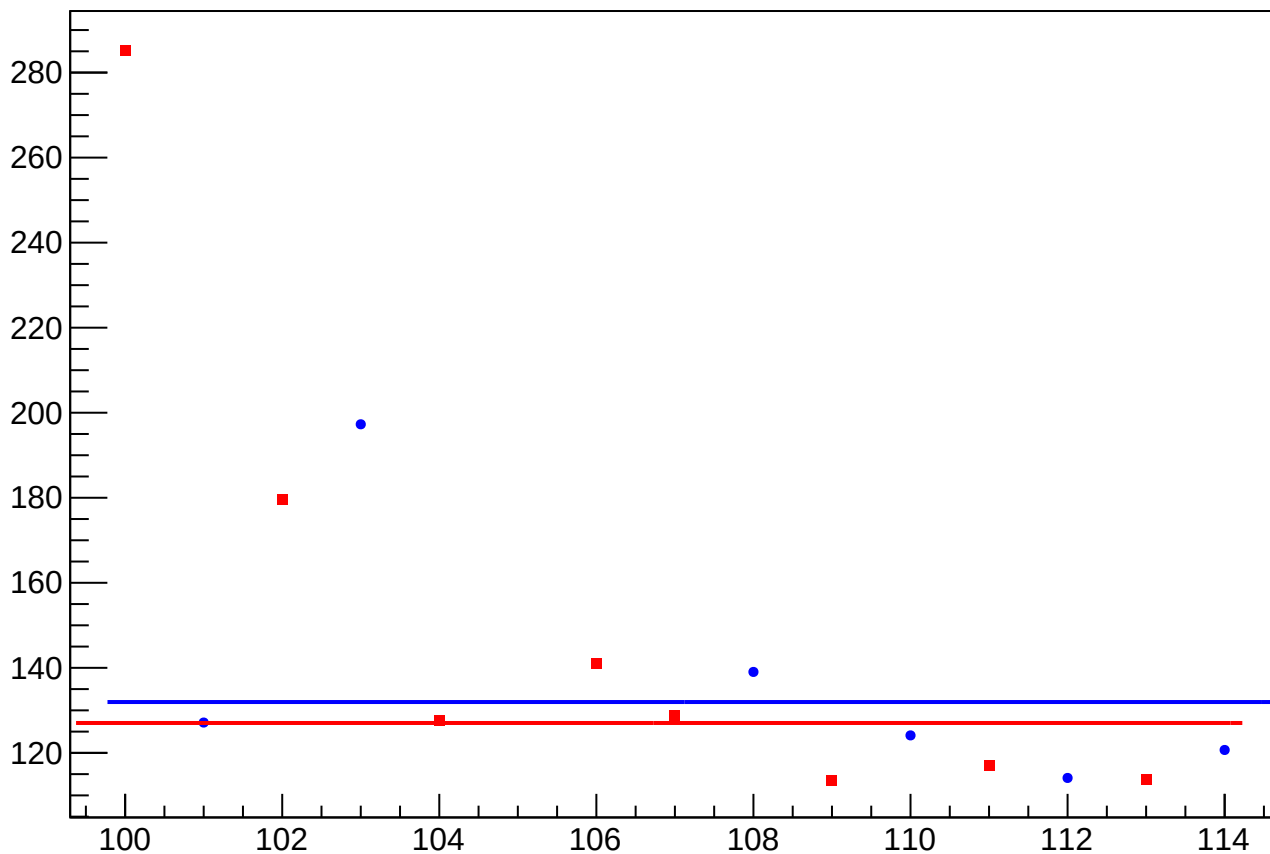
Right: 174.327+/-55.207 χ^2/NDF : 16.1/13

In: 177.473+/-83.632 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.327+/-55.207 χ^2/NDF : 16.1/13

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 131.959+/-0.059 χ^2/NDF : 164803.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.030+/-0.052 χ^2/NDF : 190920.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

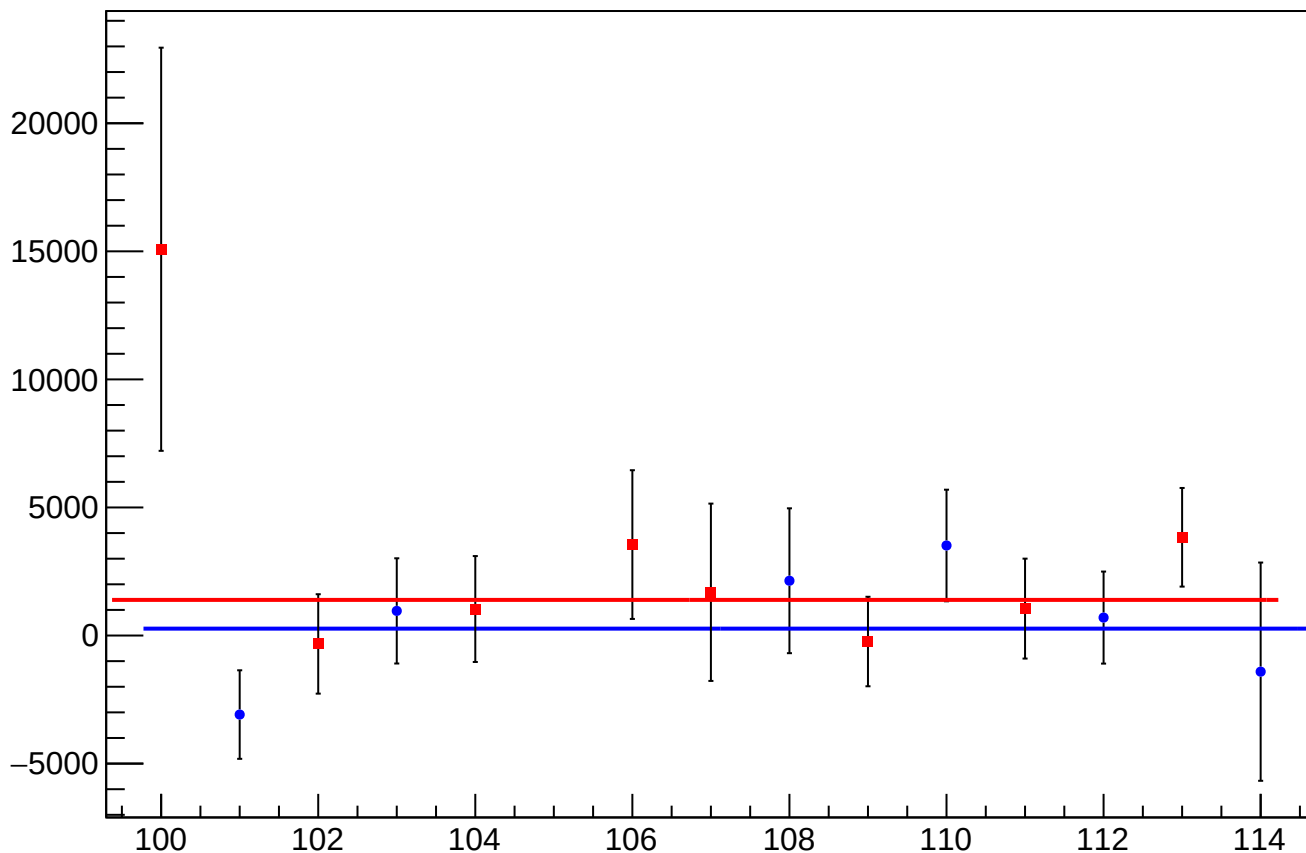
Right: 129.178+/-0.039 χ^2/NDF : 359643.0/13

In: 131.959+/-0.059 χ^2/NDF : 164803.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.178+/-0.039 χ^2/NDF : 359643.0/13

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 269.271+/-886.546 χ^2/NDF : 6.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1390.989+/-796.071 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

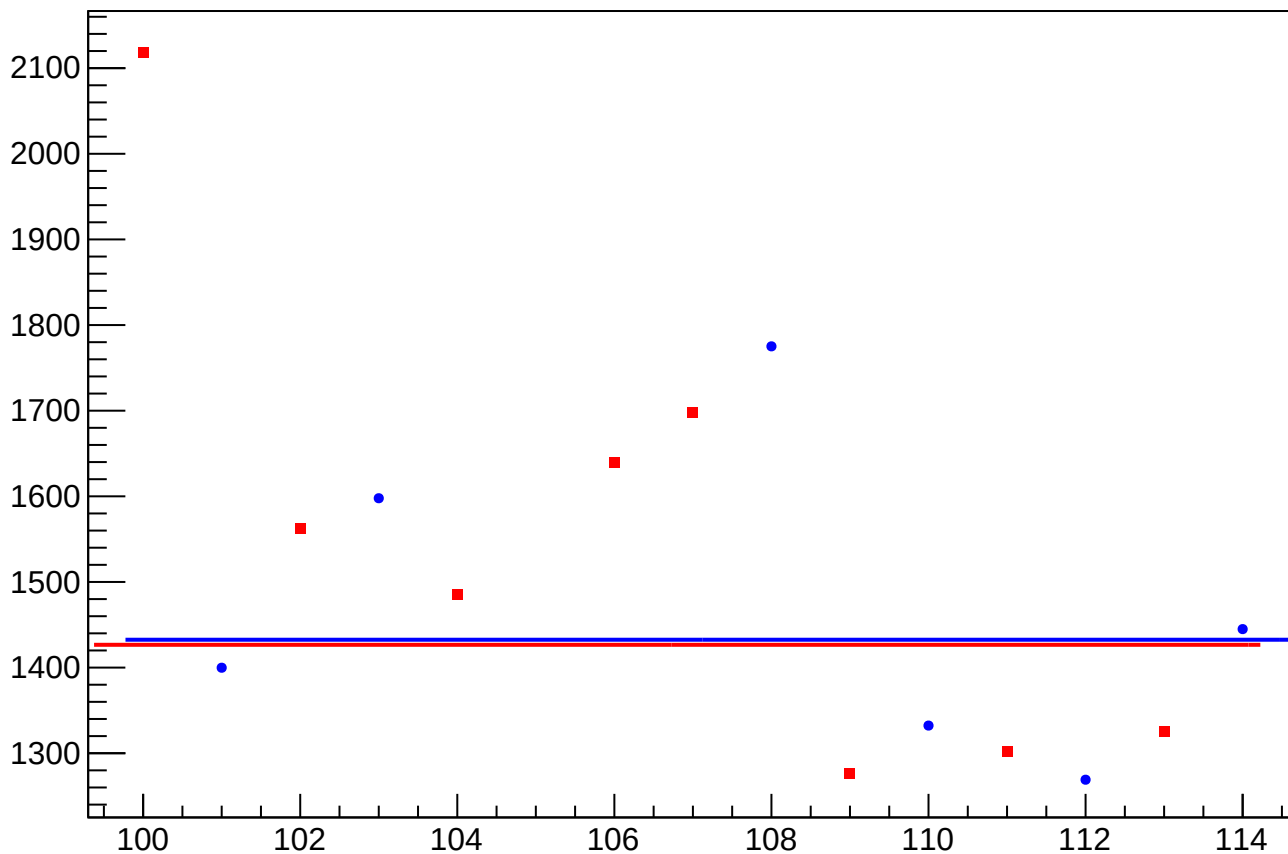
Right: 890.272+/-592.319 χ^2/NDF : 14.5/13

In: 269.271+/-886.546 χ^2/NDF :6.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 890.272+/-592.319 χ^2/NDF : 14.5/13

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

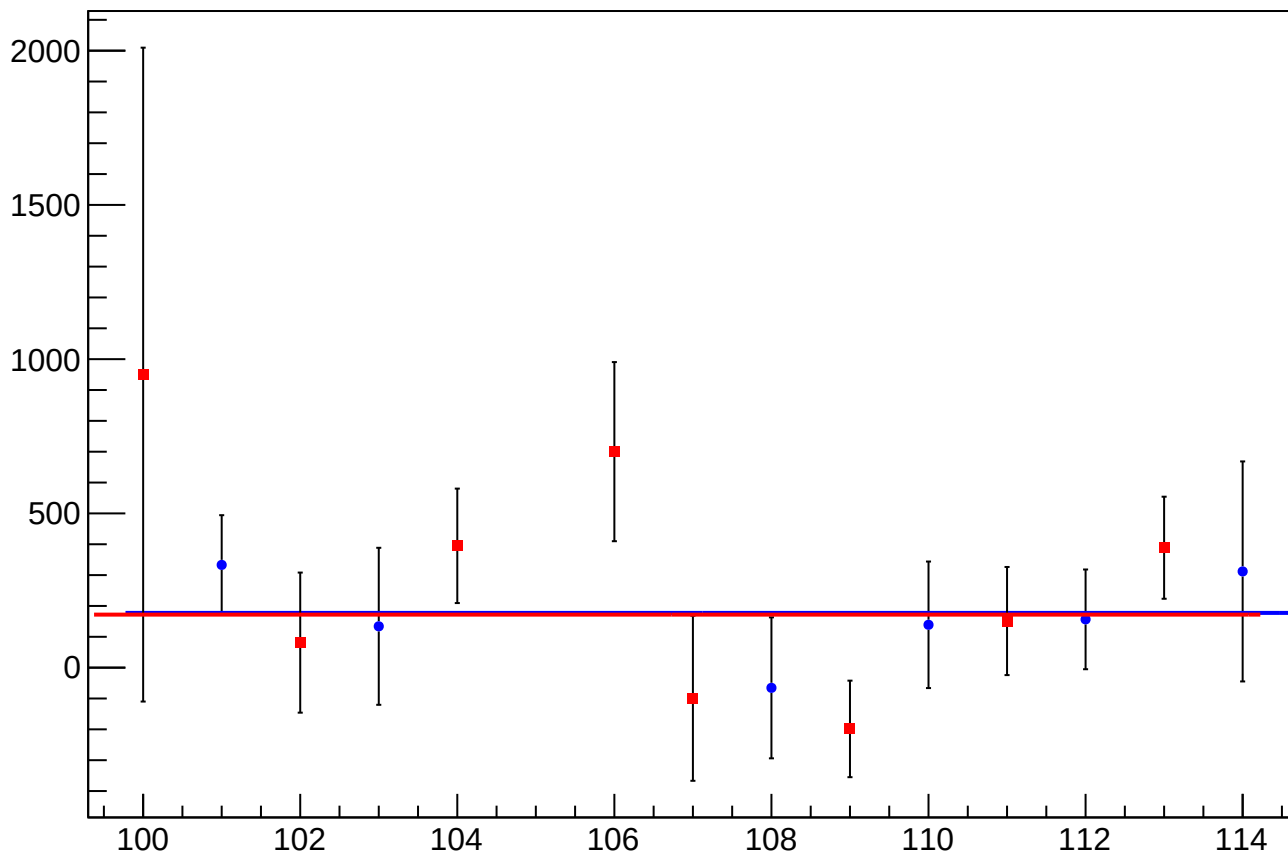
Right: 1429.262 $\pm$ 0.419 χ^2 /NDF: 142203.4/13

In: 1432.537 $\pm$ 0.627 χ^2 /NDF: 63822.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1429.262 $\pm$ 0.419 χ^2 /NDF: 142203.4/13

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 177.467+/-83.631 χ^2/NDF : 2.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.893+/-73.494 χ^2/NDF : 13.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

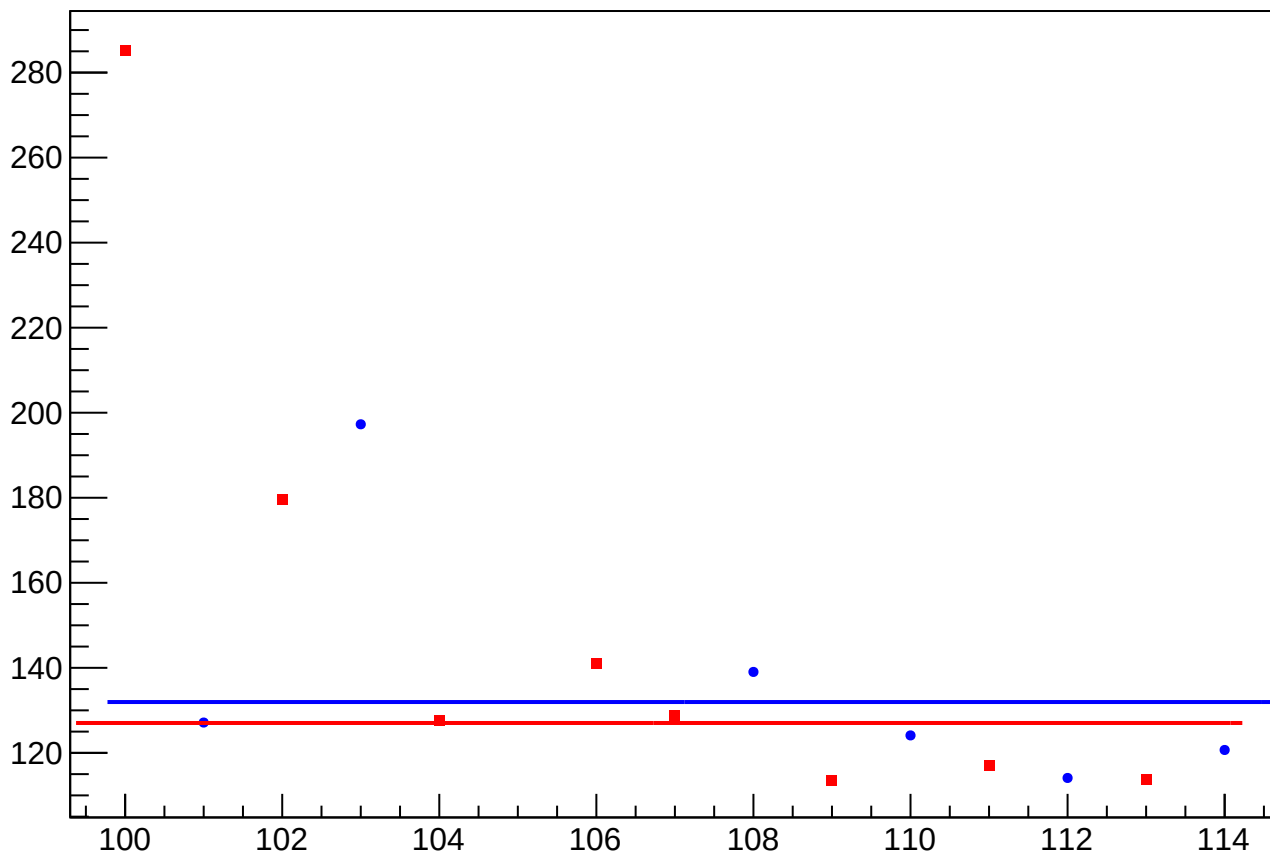
Right: 174.322+/-55.206 χ^2/NDF : 16.1/13

In: 177.467+/-83.631 χ^2/NDF : 2.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.322+/-55.206 χ^2/NDF : 16.1/13

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

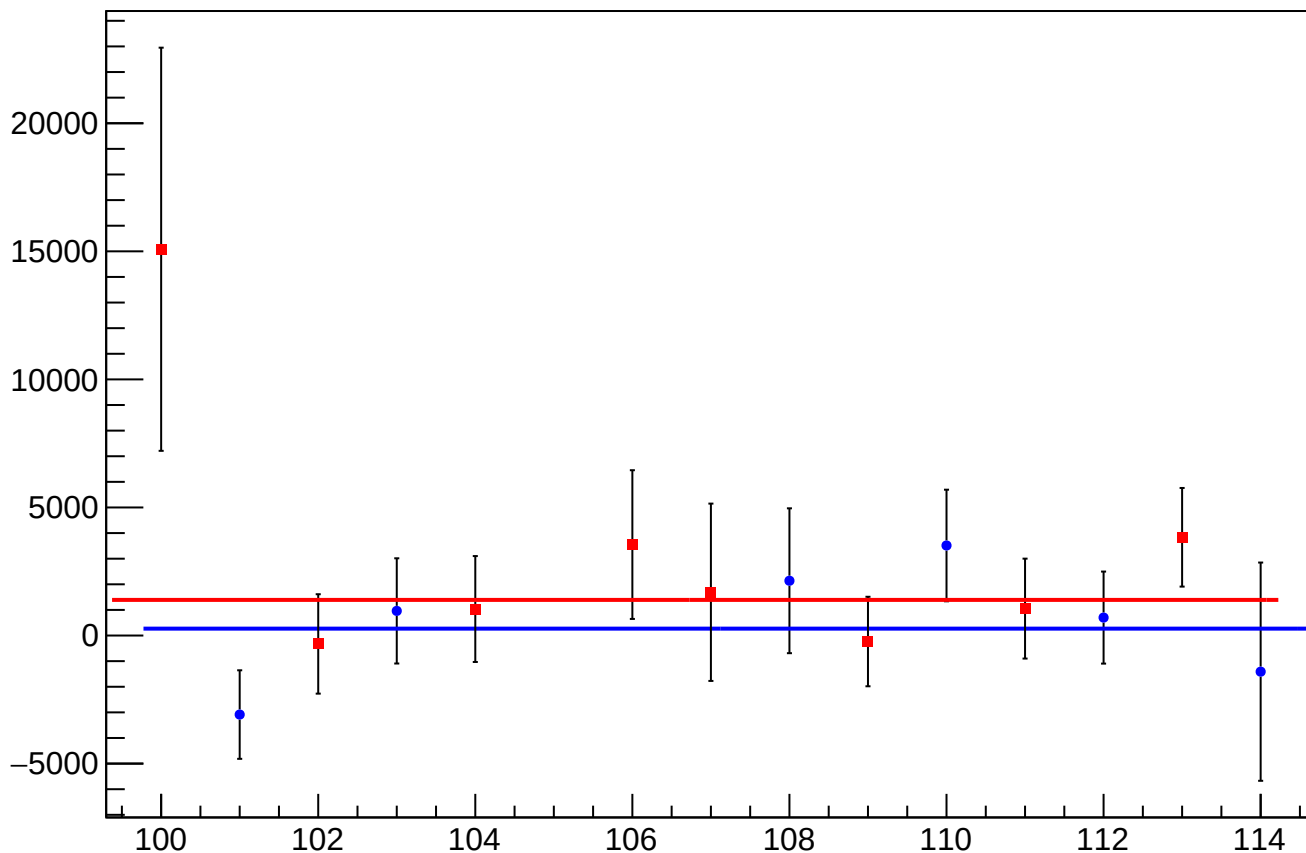
Right: 129.176+/-0.039 χ^2/NDF : 359661.7/13

In: 131.957+/-0.059 χ^2/NDF : 164812.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.176+/-0.039 χ^2/NDF : 359661.7/13

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

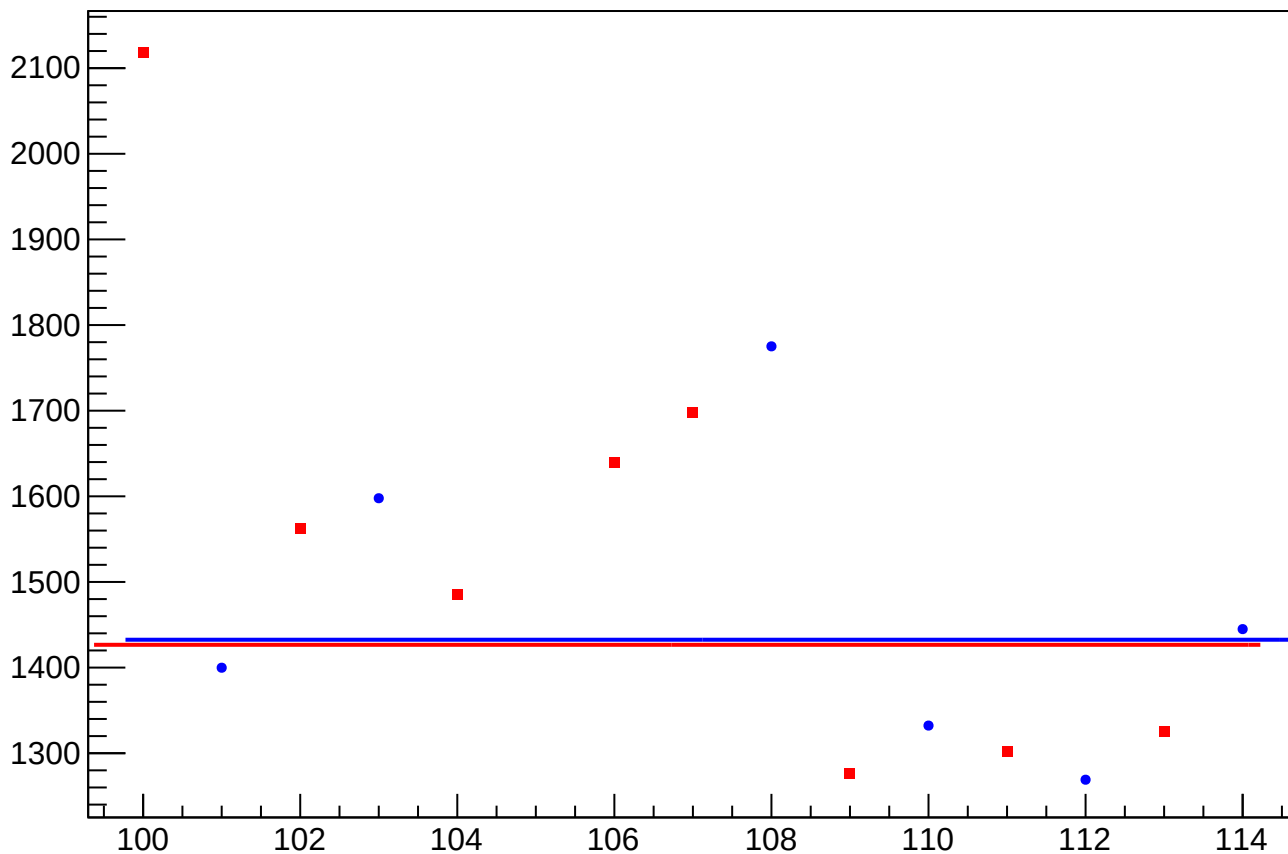
Right: 890.270+/-592.317 χ^2/NDF : 14.5/13

In: 269.273+/-886.543 χ^2/NDF : 6.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.270+/-592.317 χ^2/NDF : 14.5/13

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1432.532+/-0.627 χ^2/NDF : 63824.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.615+/-0.563 χ^2/NDF : 78333.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

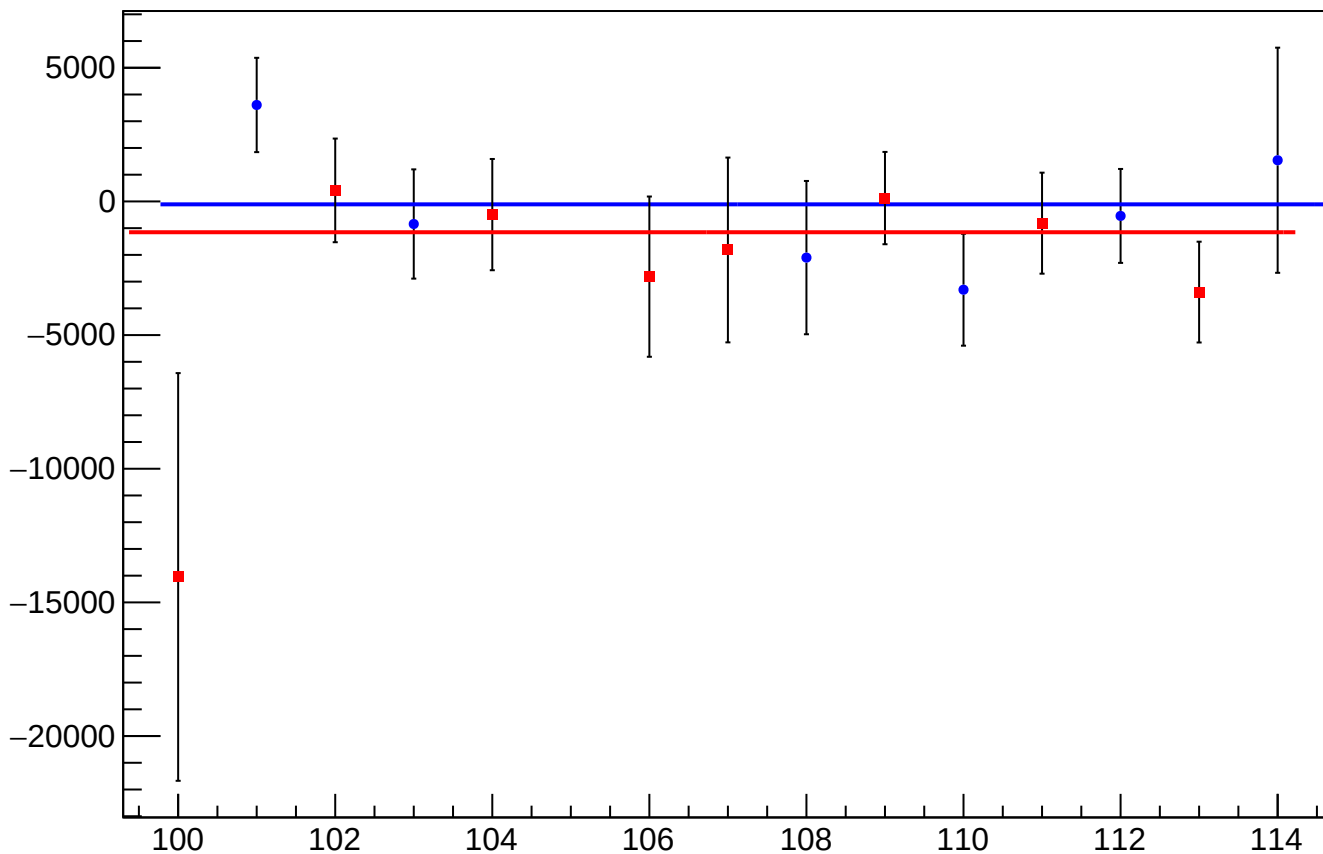
Right: 1429.256+/-0.419 χ^2/NDF : 142207.6/13

In: 1432.532+/-0.627 χ^2/NDF : 63824.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.256+/-0.419 χ^2/NDF : 142207.6/13

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

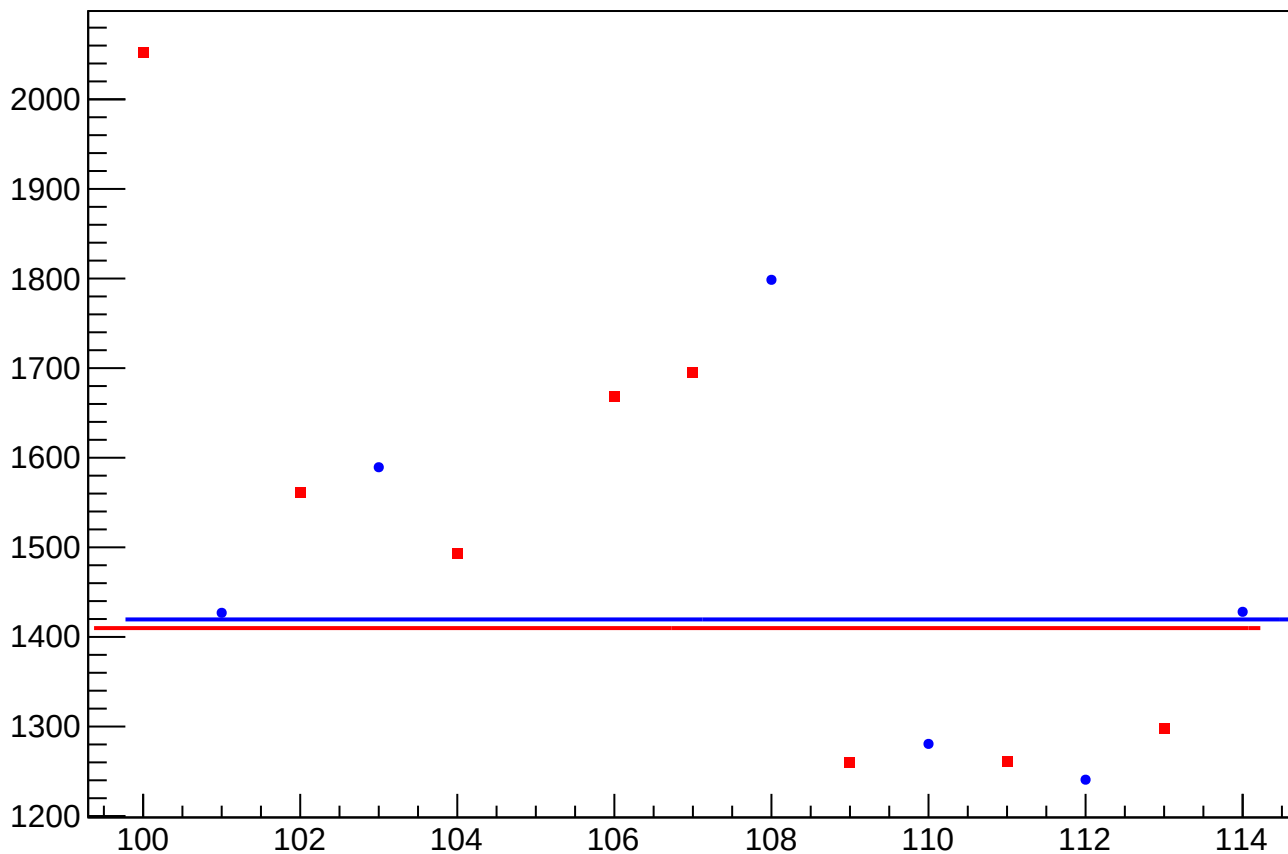
Right: -687.494+/-587.547 χ^2/NDF : 14.3/13

In: -109.044+/-880.159 χ^2/NDF : 7.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -687.494+/-587.547 χ^2/NDF : 14.3/13

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1419.543+/-0.622 χ^2/NDF : 78330.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.864+/-0.558 χ^2/NDF : 92659.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

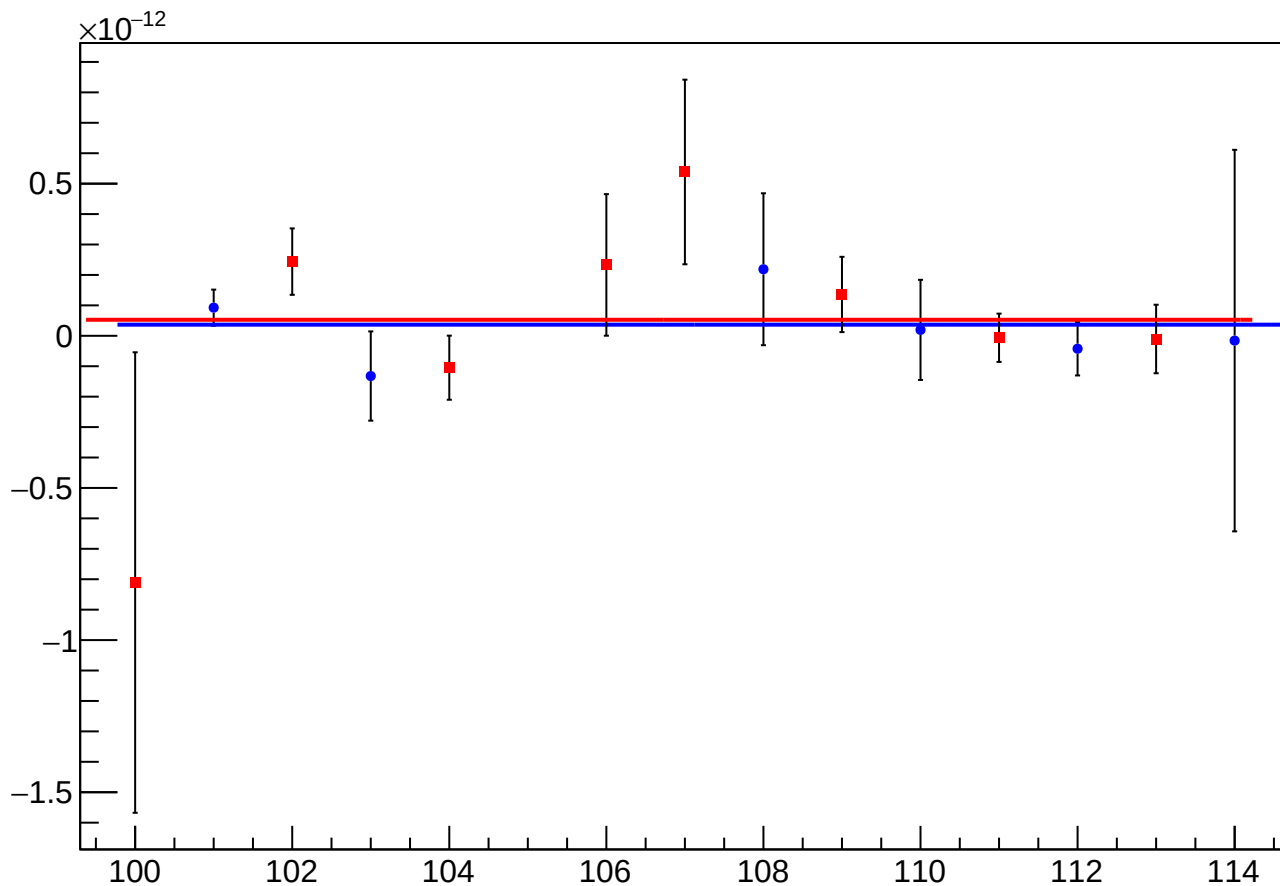
Right: 1414.177+/-0.415 χ^2/NDF : 171124.9/13

In: 1419.543+/-0.622 χ^2/NDF : 78330.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.177+/-0.415 χ^2/NDF : 171124.9/13

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

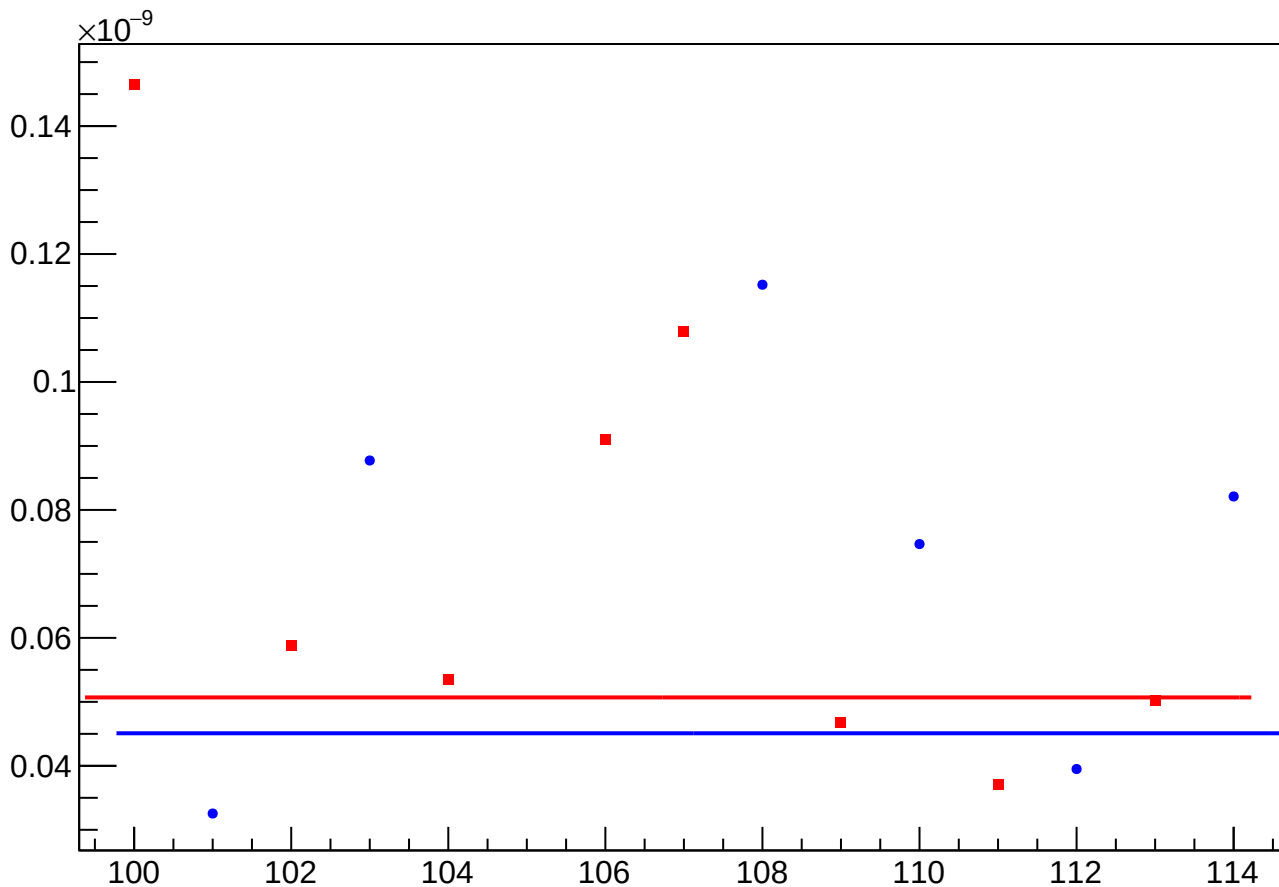
Right: 0.000+/-0.000 χ^2/NDF : 14.7/13

In: 0.000+/-0.000 χ^2/NDF : 3.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/13

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

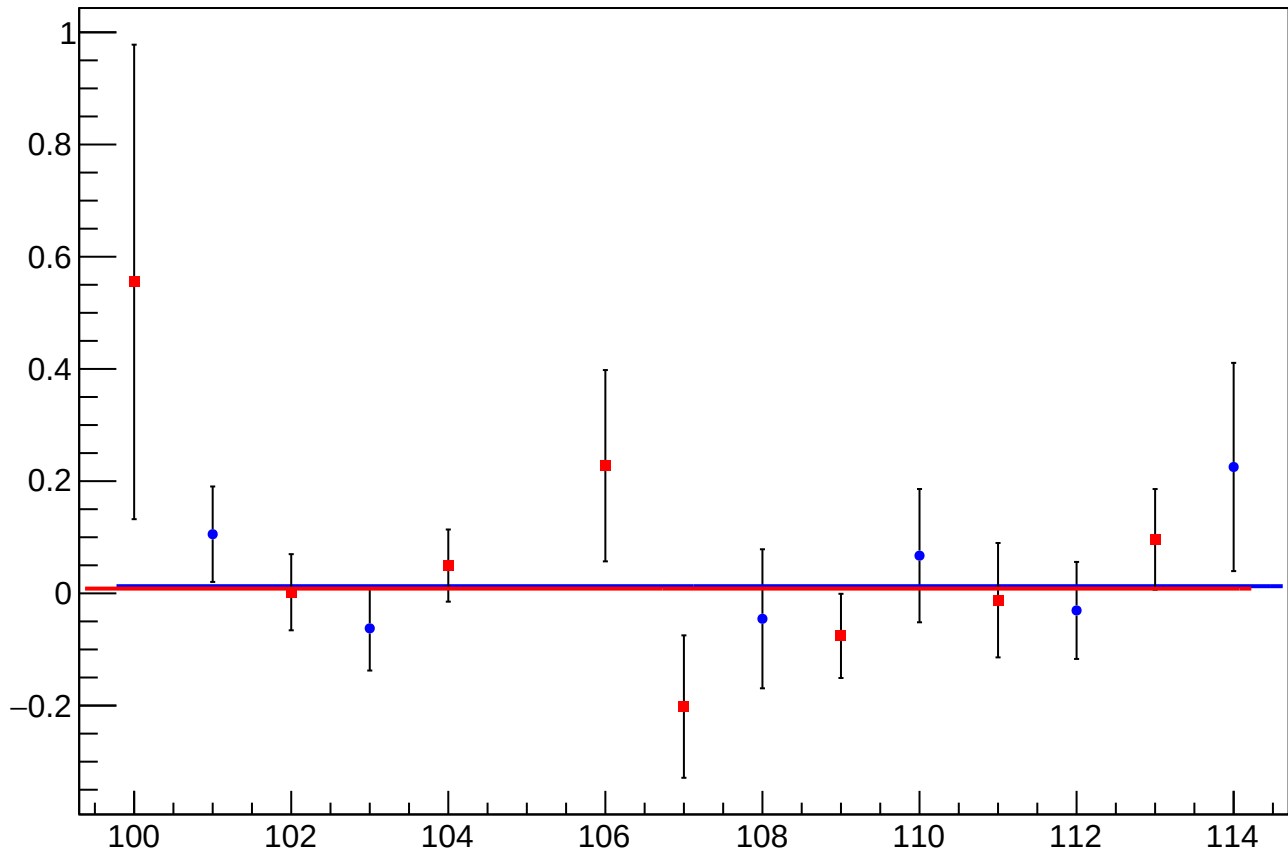
Right: 0.000+/-0.000 χ^2/NDF : 748469.9/13

In: 0.000+/-0.000 χ^2/NDF : 496188.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 748469.9/13

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

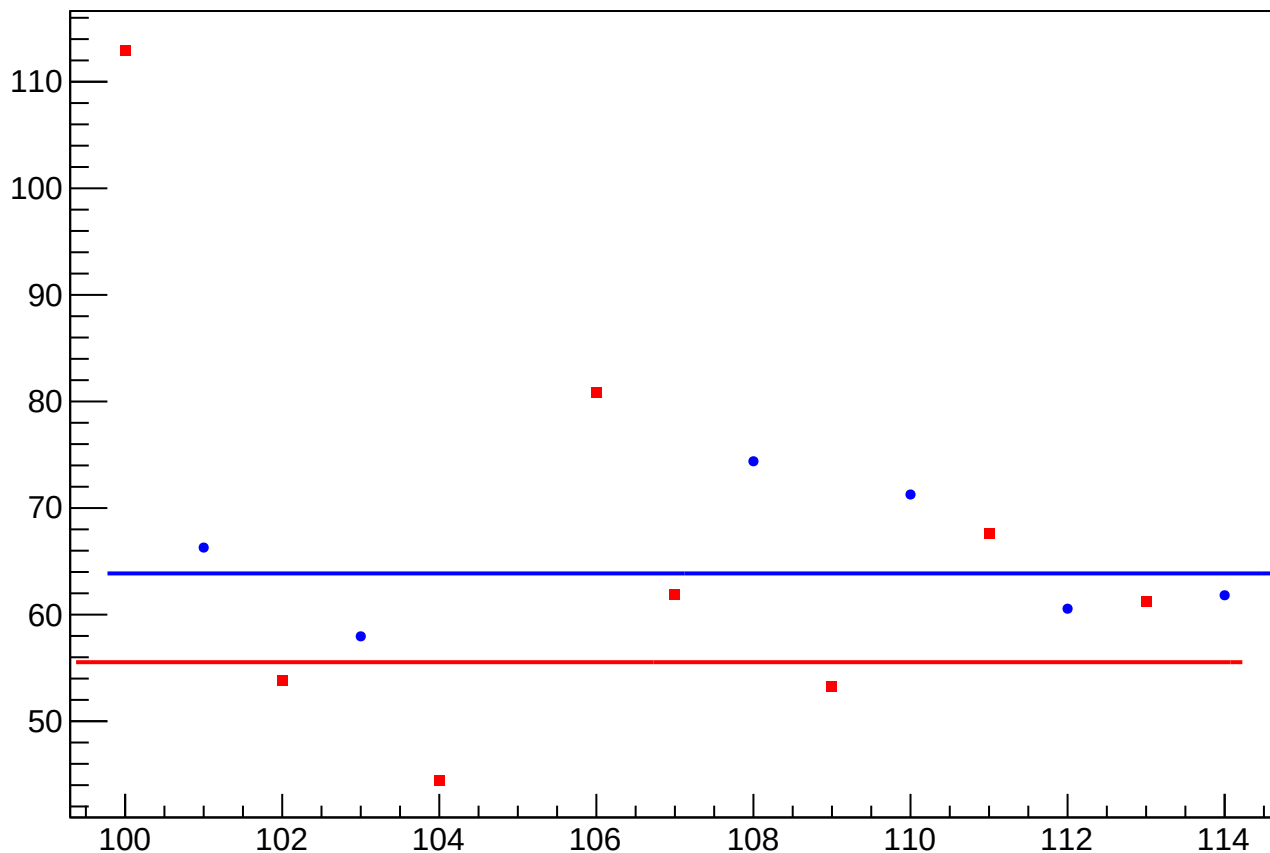
Right: 0.010 $\pm$ 0.025 χ^2 /NDF: 12.9/13

In: 0.013 $\pm$ 0.040 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.025 χ^2 /NDF: 12.9/13

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

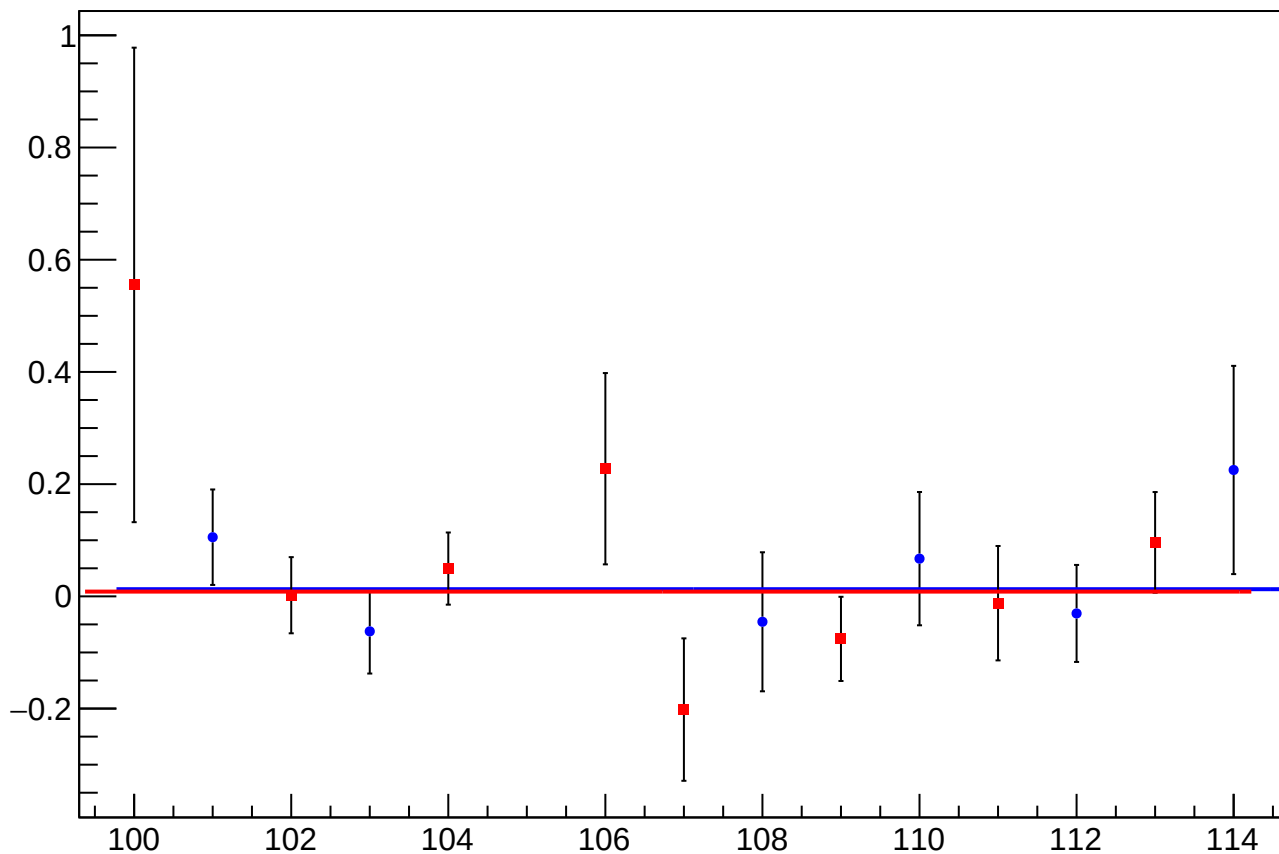
Right: 58.788+/-0.018 χ^2/NDF : 275510.1/13

In: 63.866+/-0.029 χ^2/NDF : 39311.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.788+/-0.018 χ^2/NDF : 275510.1/13

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

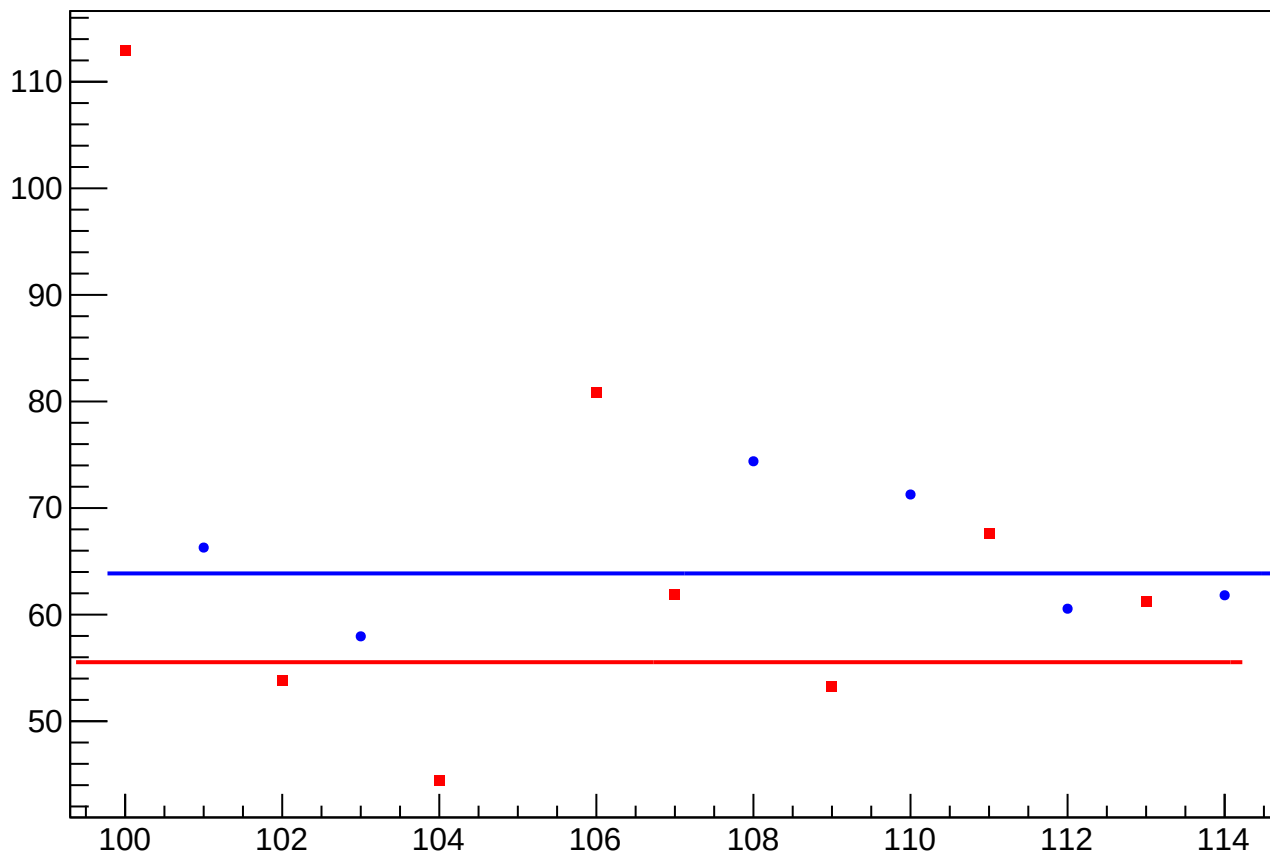
Right: 0.010 $\pm$ 0.025 χ^2 /NDF: 12.9/13

In: 0.013 $\pm$ 0.040 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.025 χ^2 /NDF: 12.9/13

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

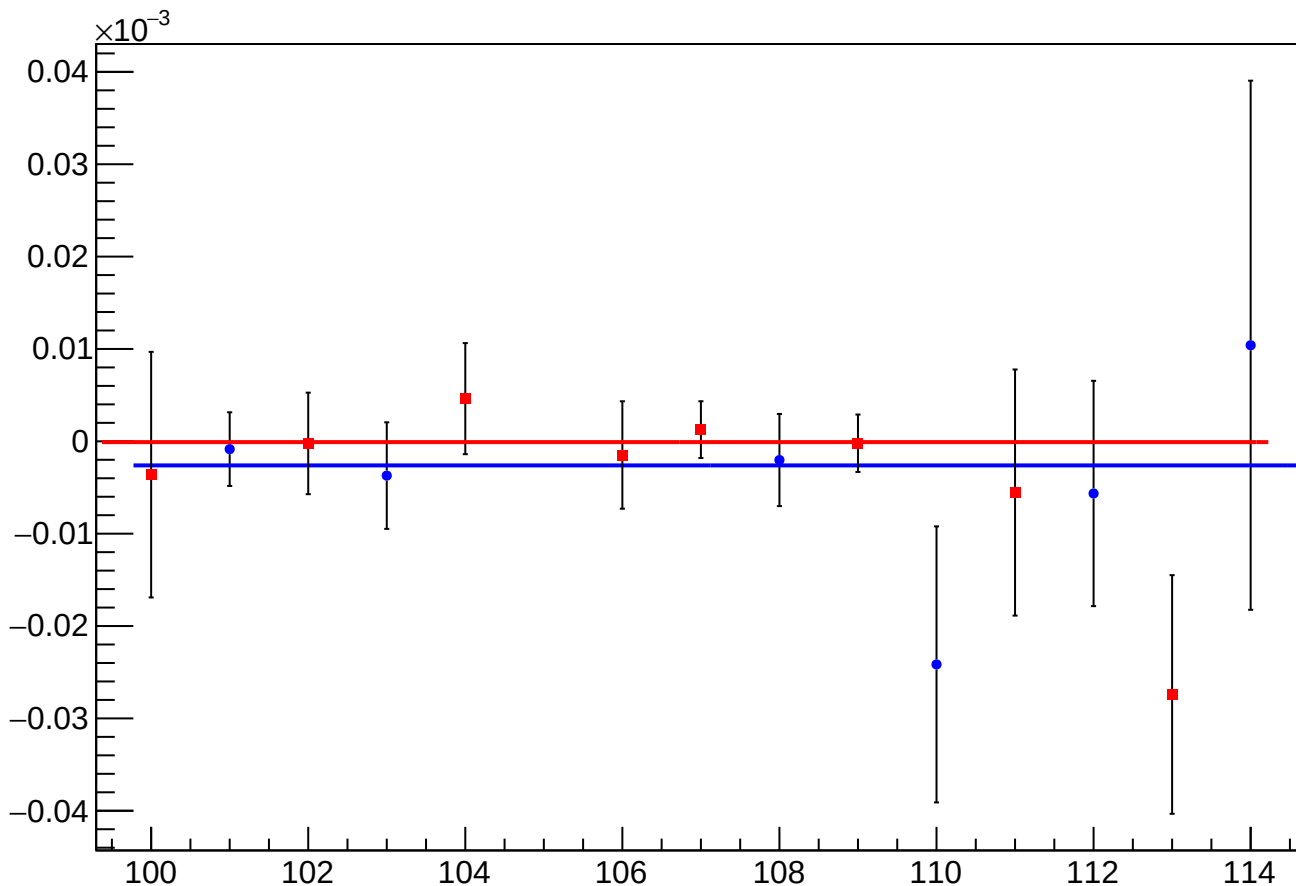
Right: 58.788+/-0.018 χ^2/NDF : 275510.1/13

In: 63.866+/-0.029 χ^2/NDF : 39311.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.788+/-0.018 χ^2/NDF : 275510.1/13

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

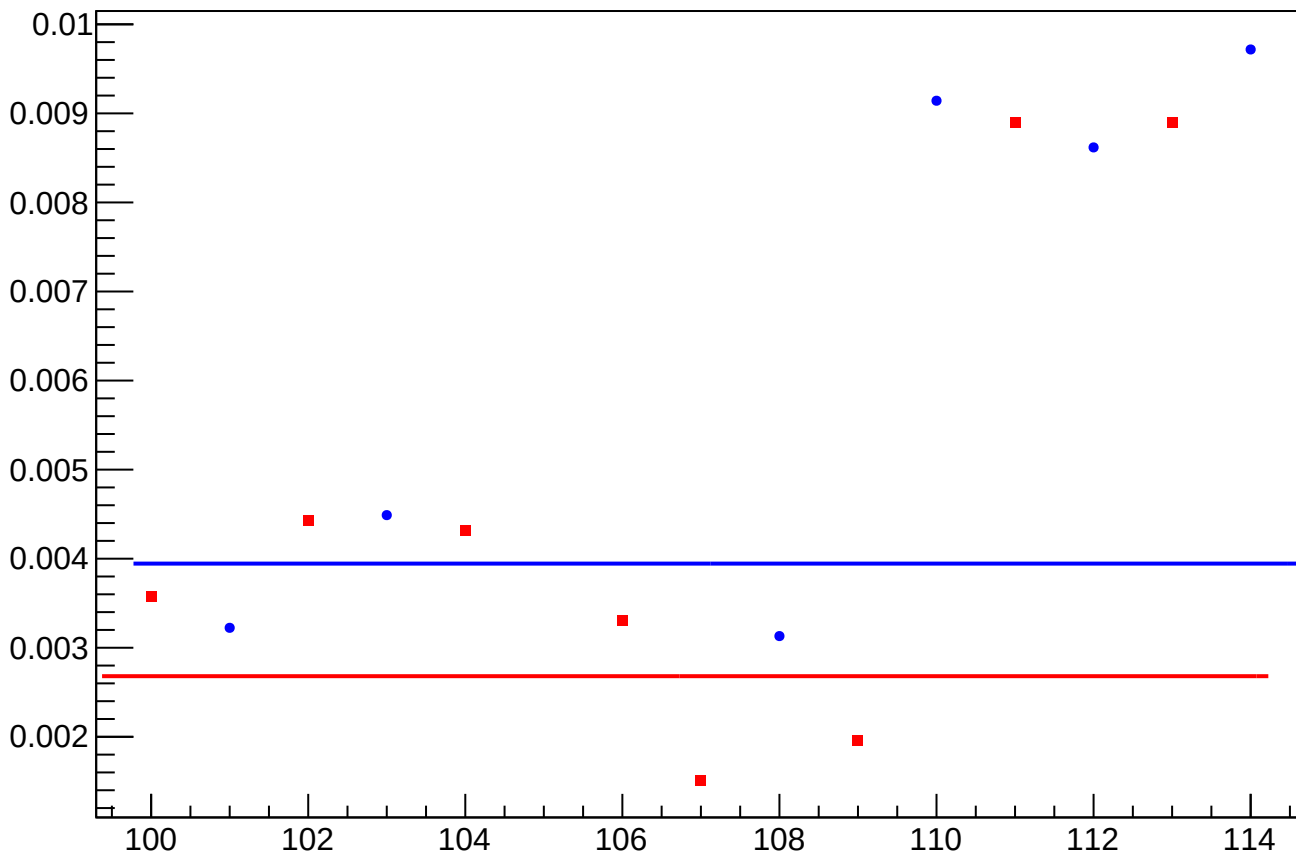
Right: -0.000+/-0.000 χ^2/NDF : 8.8/13

In: -0.000+/-0.000 χ^2/NDF : 2.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.8/13

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 753171.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1679696.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

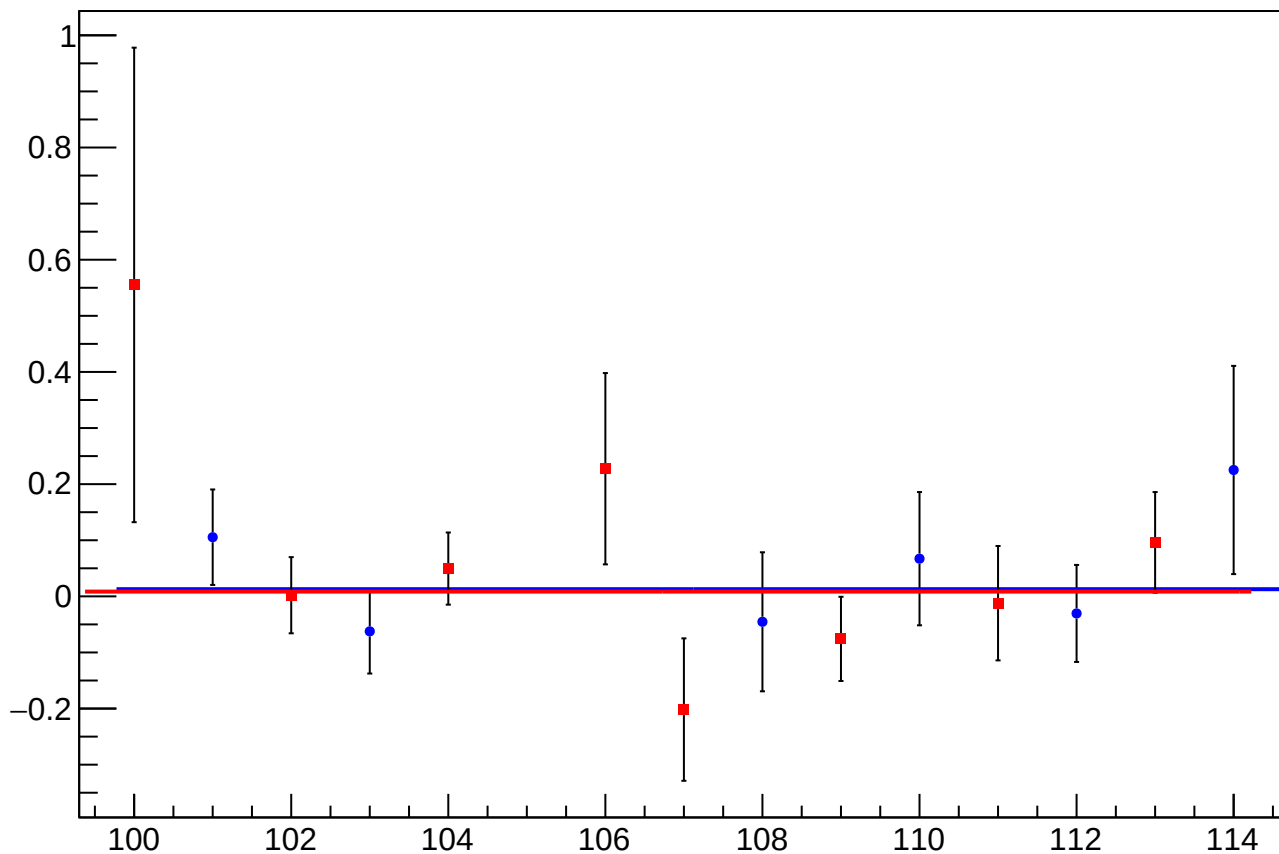
Right: 0.003+/-0.000 χ^2/NDF : 2751666.4/13

In: 0.004+/-0.000 χ^2/NDF : 753171.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2751666.4/13

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

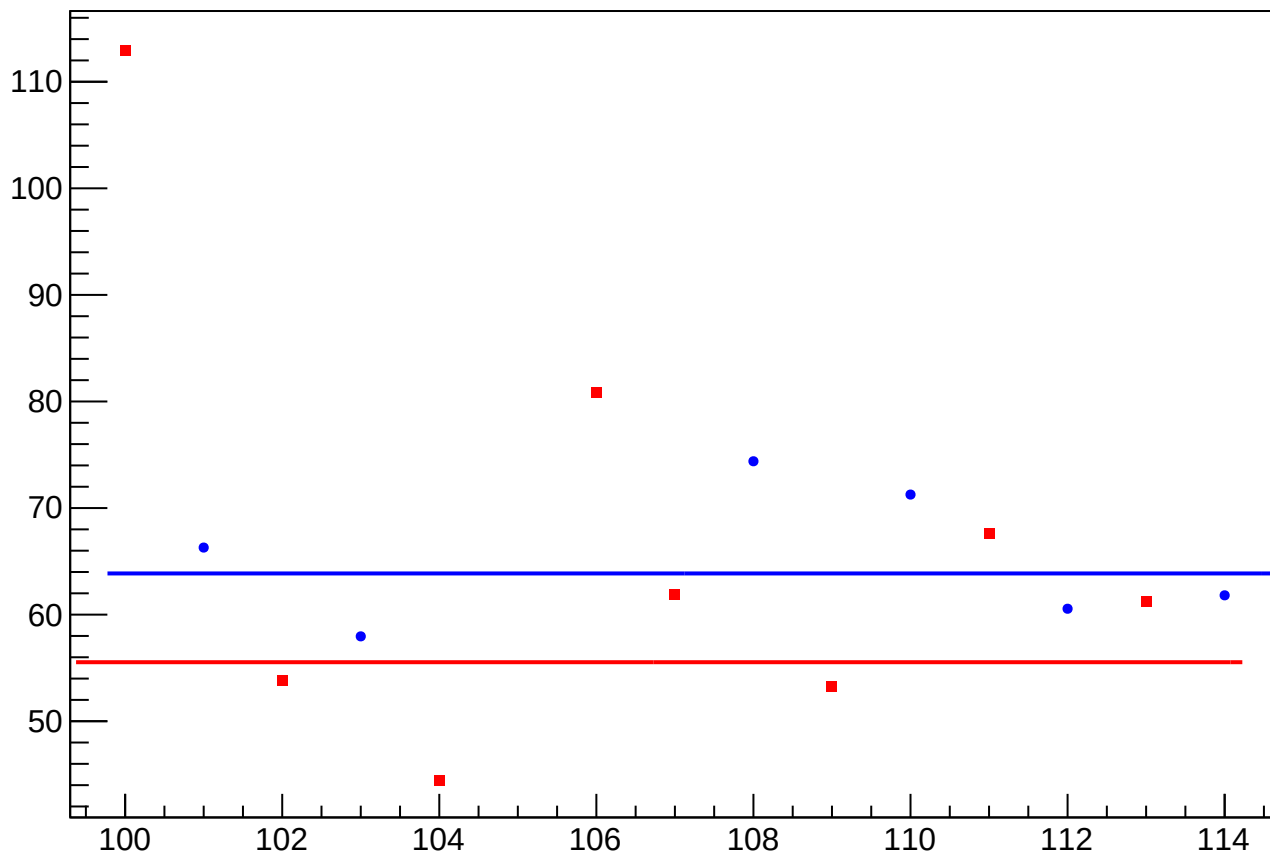
Right: 0.010 $\pm$ 0.025 χ^2 /NDF: 12.9/13

In: 0.013 $\pm$ 0.040 χ^2 /NDF:4.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.025 χ^2 /NDF: 12.9/13

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

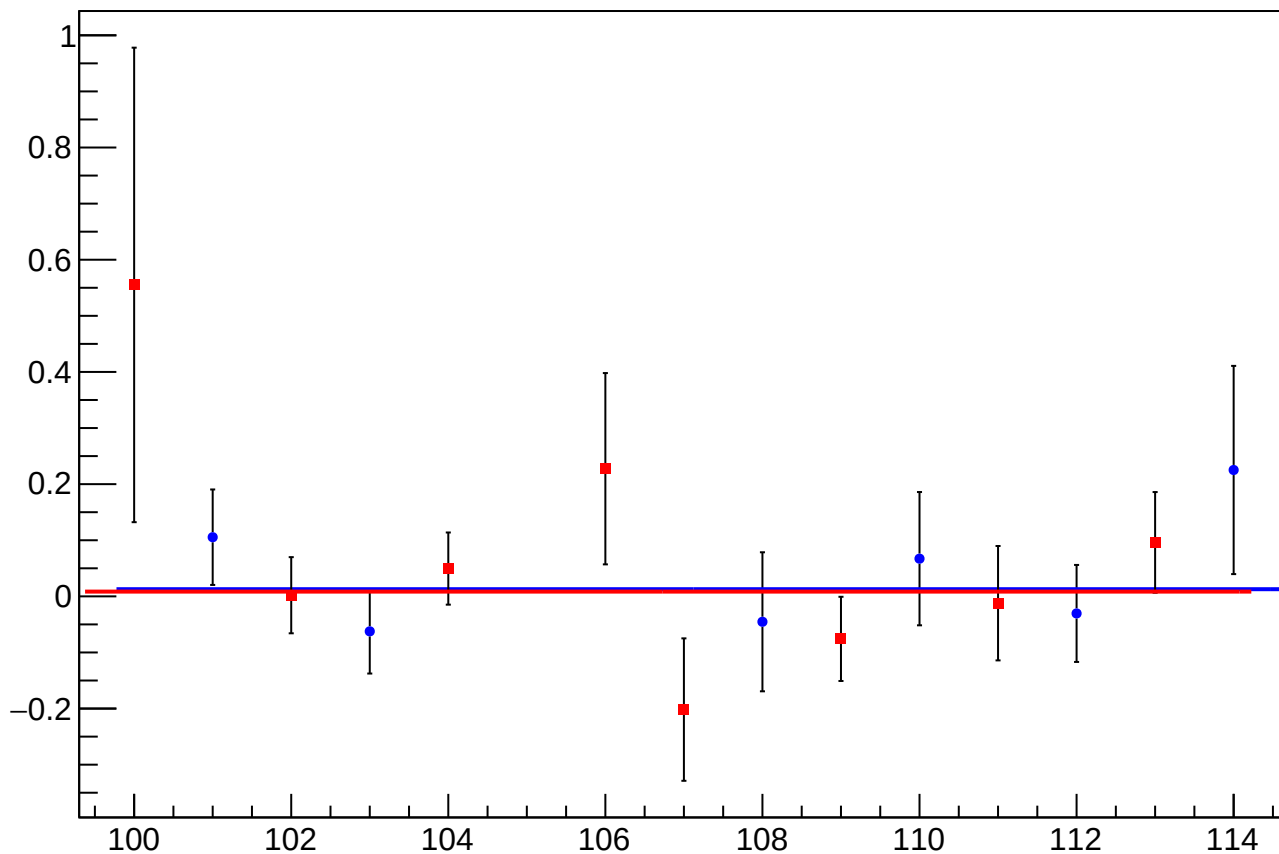
Right: 58.786+/-0.018 χ^2/NDF : 275481.0/13

In: 63.864+/-0.029 χ^2/NDF : 39318.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.786+/-0.018 χ^2/NDF : 275481.0/13

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.040 χ^2/NDF : 4.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.032 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

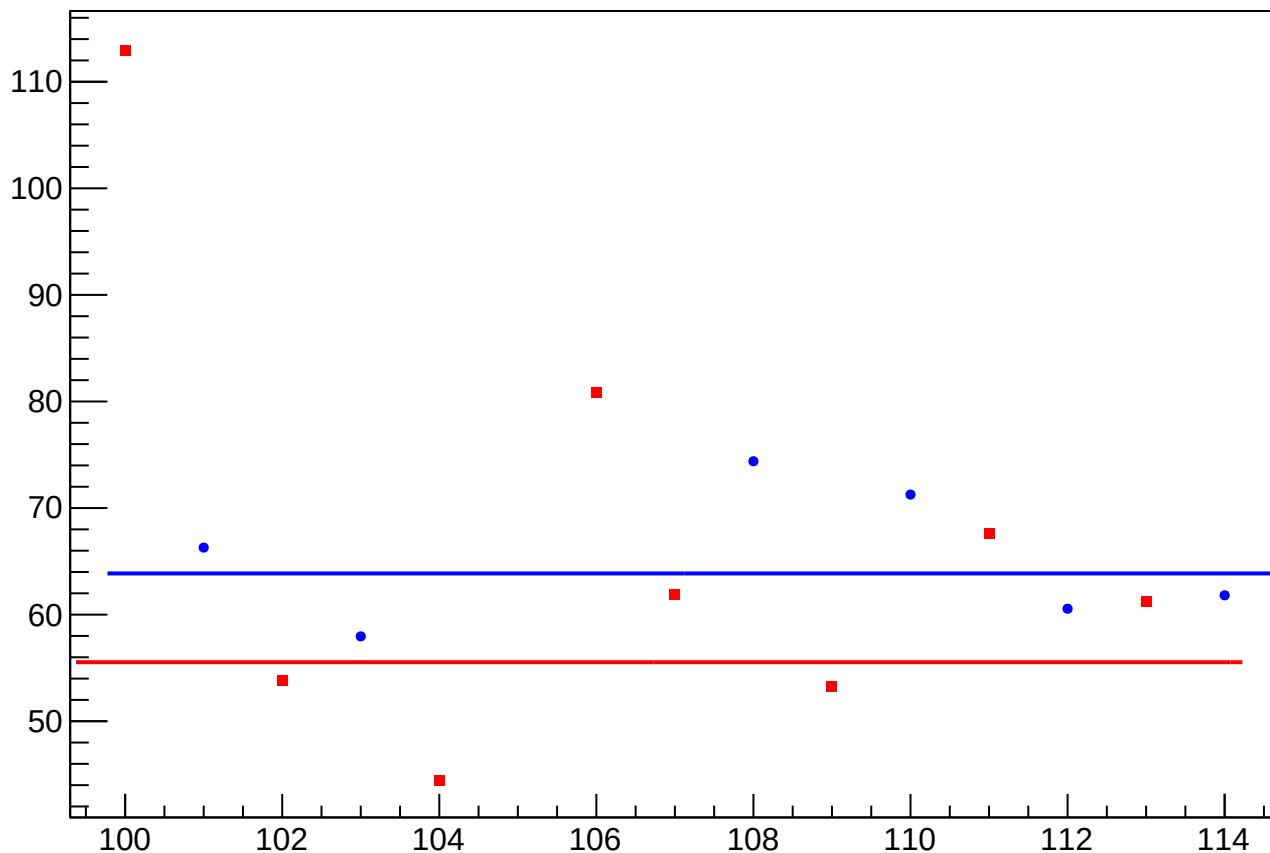
Right: 0.010+/-0.025 χ^2/NDF : 12.9/13

In: 0.013+/-0.040 χ^2/NDF :4.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.025 χ^2/NDF : 12.9/13

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

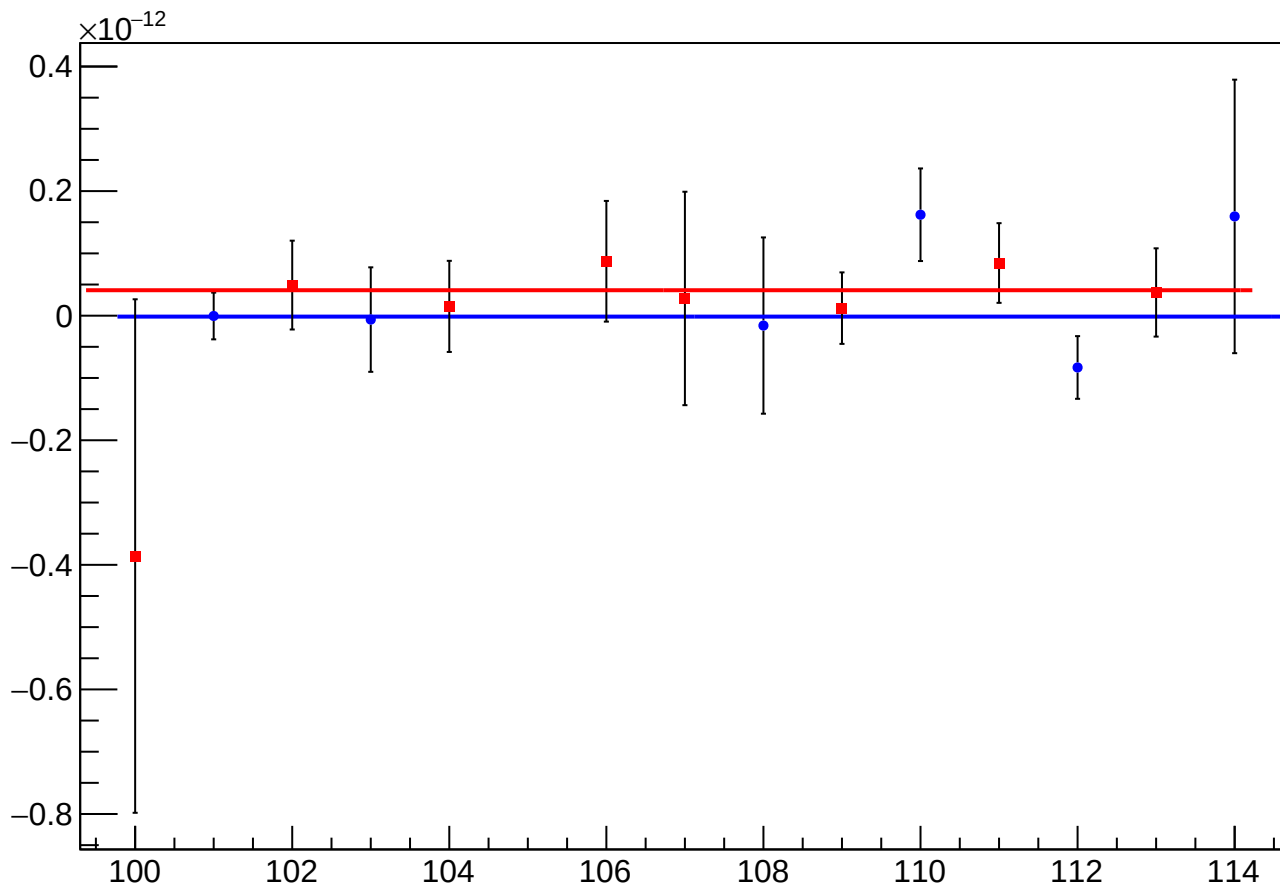
Right: 58.786+/-0.018 χ^2/NDF : 275481.0/13

In: 63.864+/-0.029 χ^2/NDF : 39318.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.786+/-0.018 χ^2/NDF : 275481.0/13

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 2.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

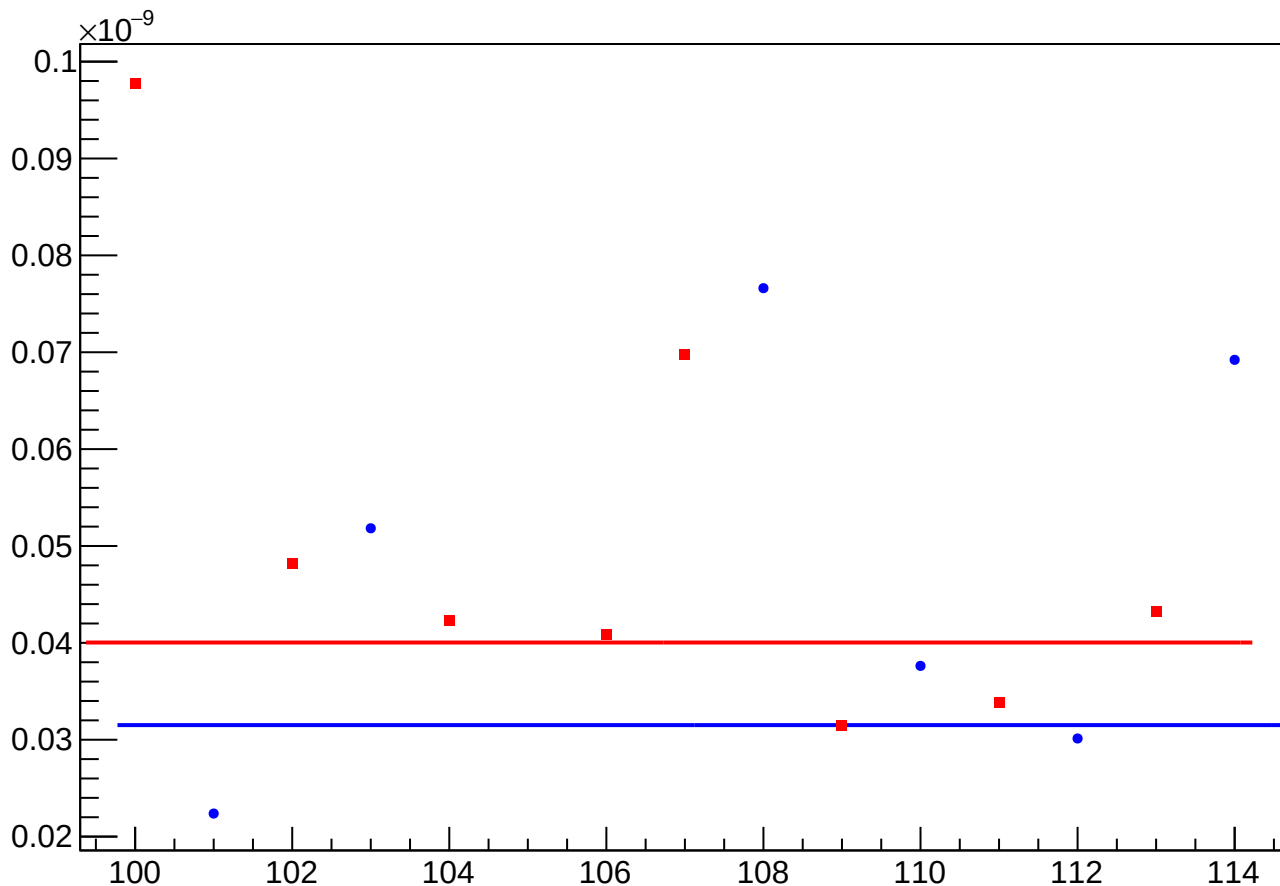
Right: 0.000+/-0.000 χ^2/NDF : 11.4/13

In: -0.000+/-0.000 χ^2/NDF : 8.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/13

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

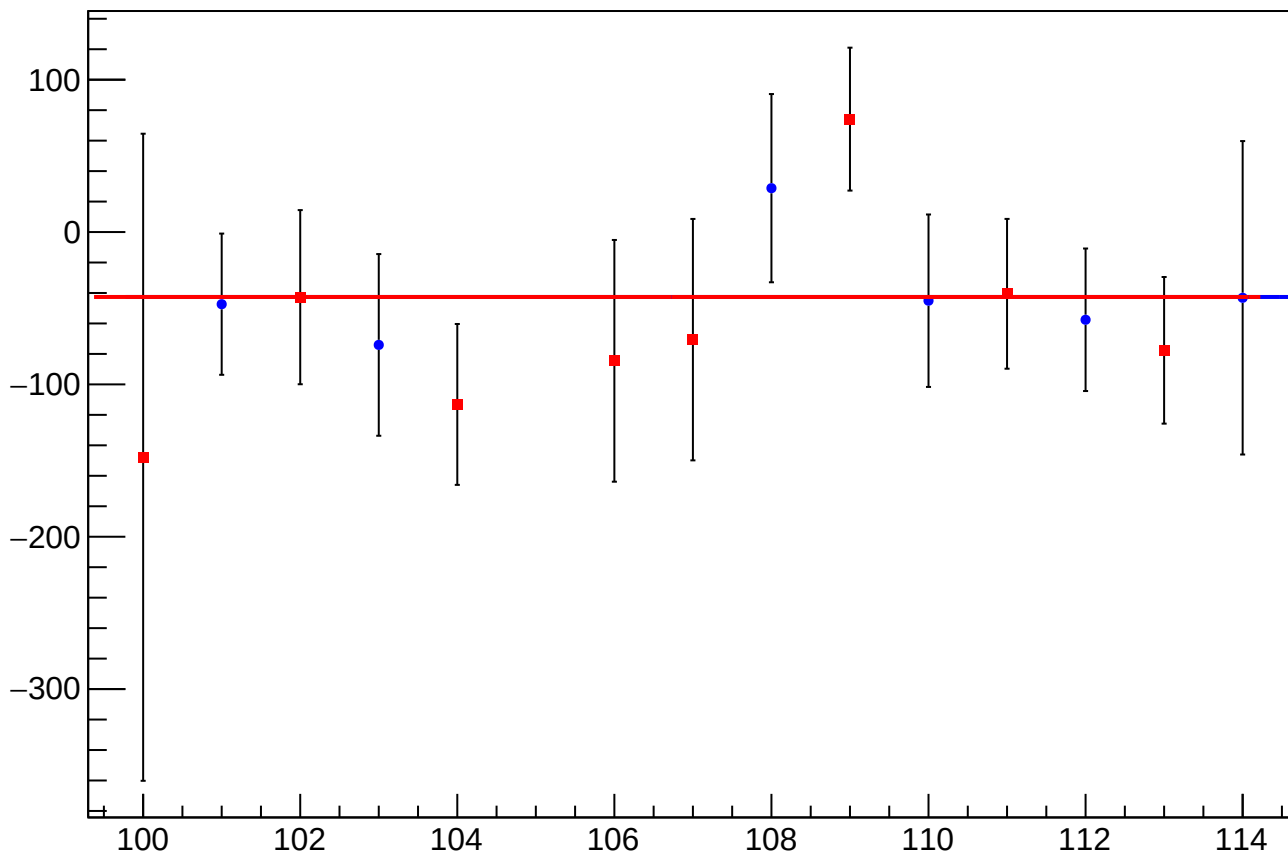
Right: 0.000+/-0.000 χ^2/NDF : 808198.6/13

In: 0.000+/-0.000 χ^2/NDF : 513004.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 808198.6/13

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

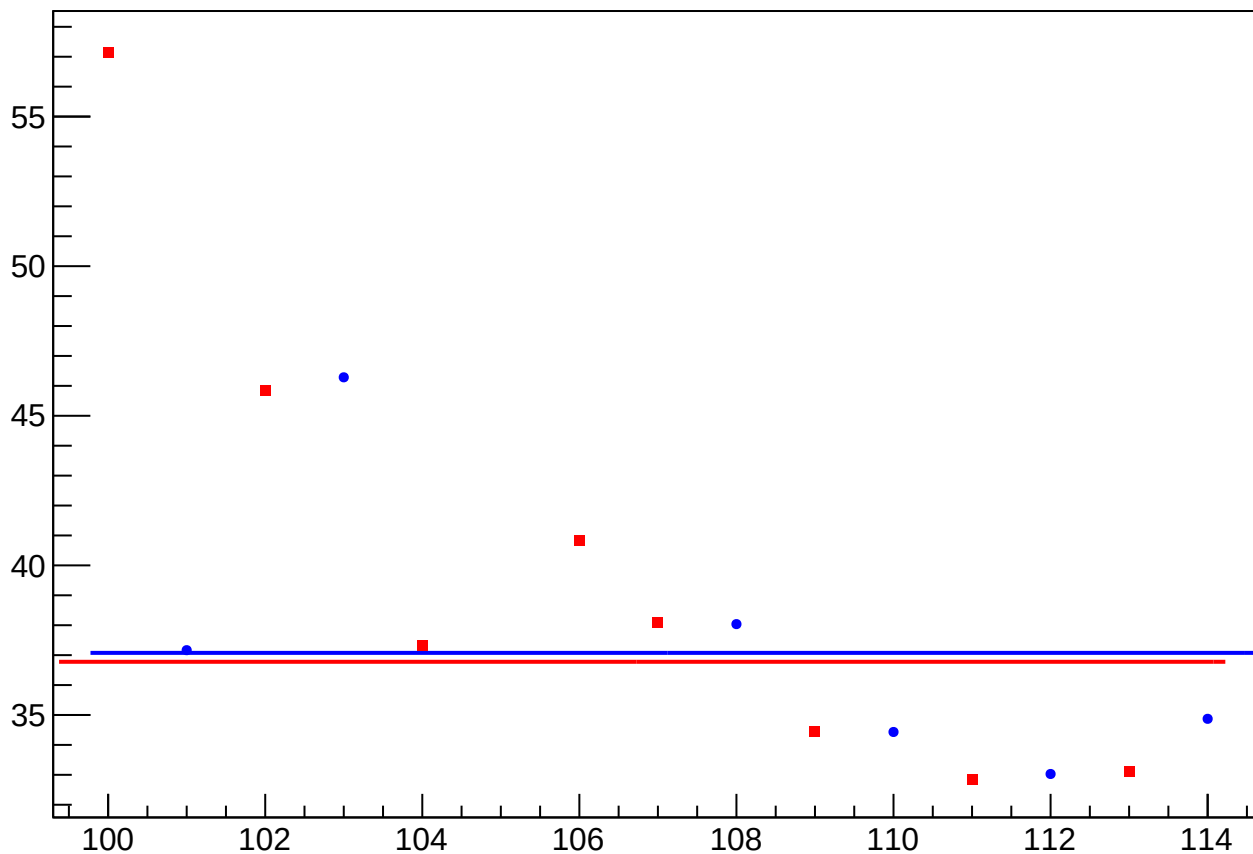
Right: -42.618+/-15.472 χ^2/NDF : 10.9/13

In: -42.619+/-23.110 χ^2/NDF : 1.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.618+/-15.472 χ^2/NDF : 10.9/13

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

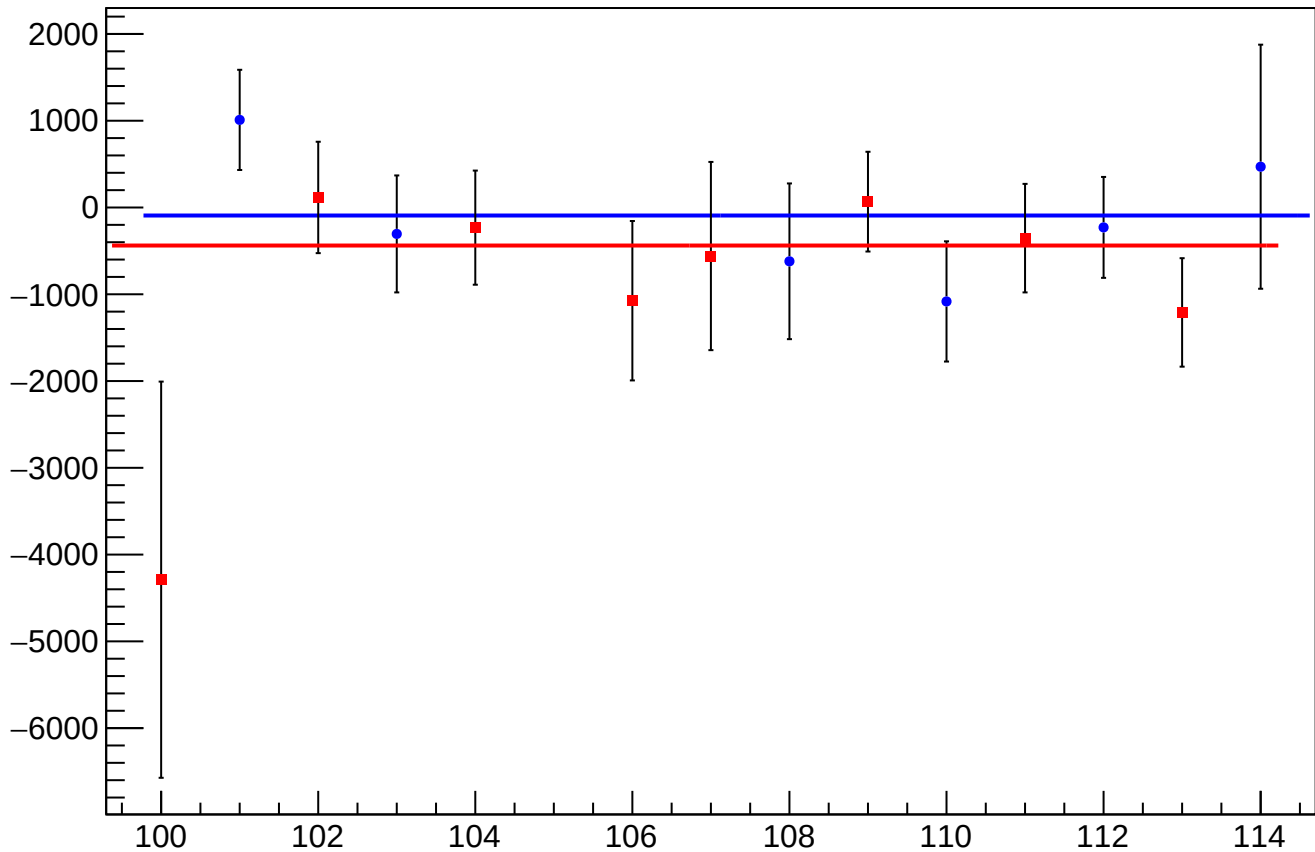
Right: 36.912+/-0.011 χ^2/NDF : 172732.8/13

In: 37.076+/-0.016 χ^2/NDF : 68449.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.912+/-0.011 χ^2/NDF : 172732.8/13

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

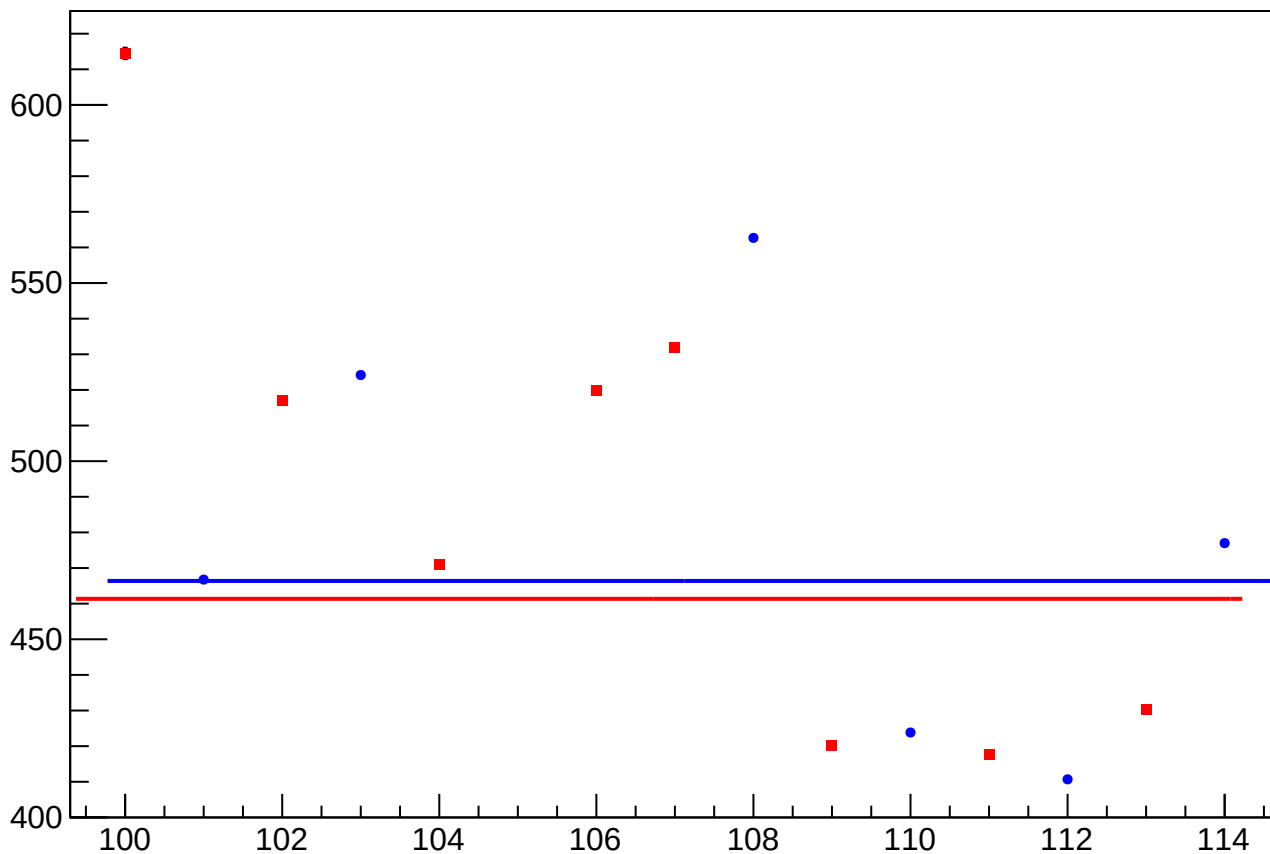
Right: -285.167+/-192.098 χ^2/NDF : 13.6/13

In: -92.325+/-288.793 χ^2/NDF :6.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -285.167+/-192.098 χ^2/NDF : 13.6/13

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 466.377+/-0.204 χ^2/NDF : 63753.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.355+/-0.182 χ^2/NDF : 66056.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

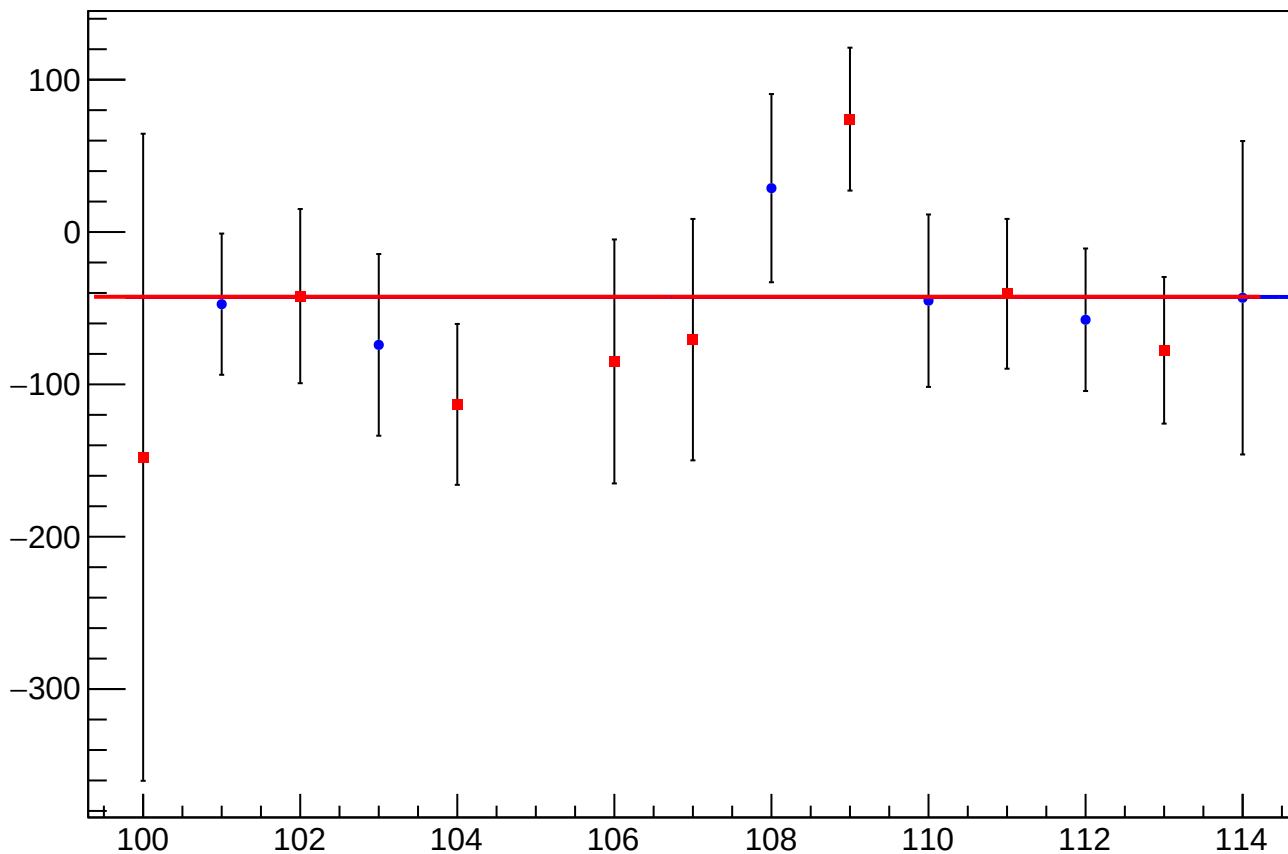
Right: 463.577+/-0.136 χ^2/NDF : 130146.3/13

In: 466.377+/-0.204 χ^2/NDF : 63753.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.577+/-0.136 χ^2/NDF : 130146.3/13

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

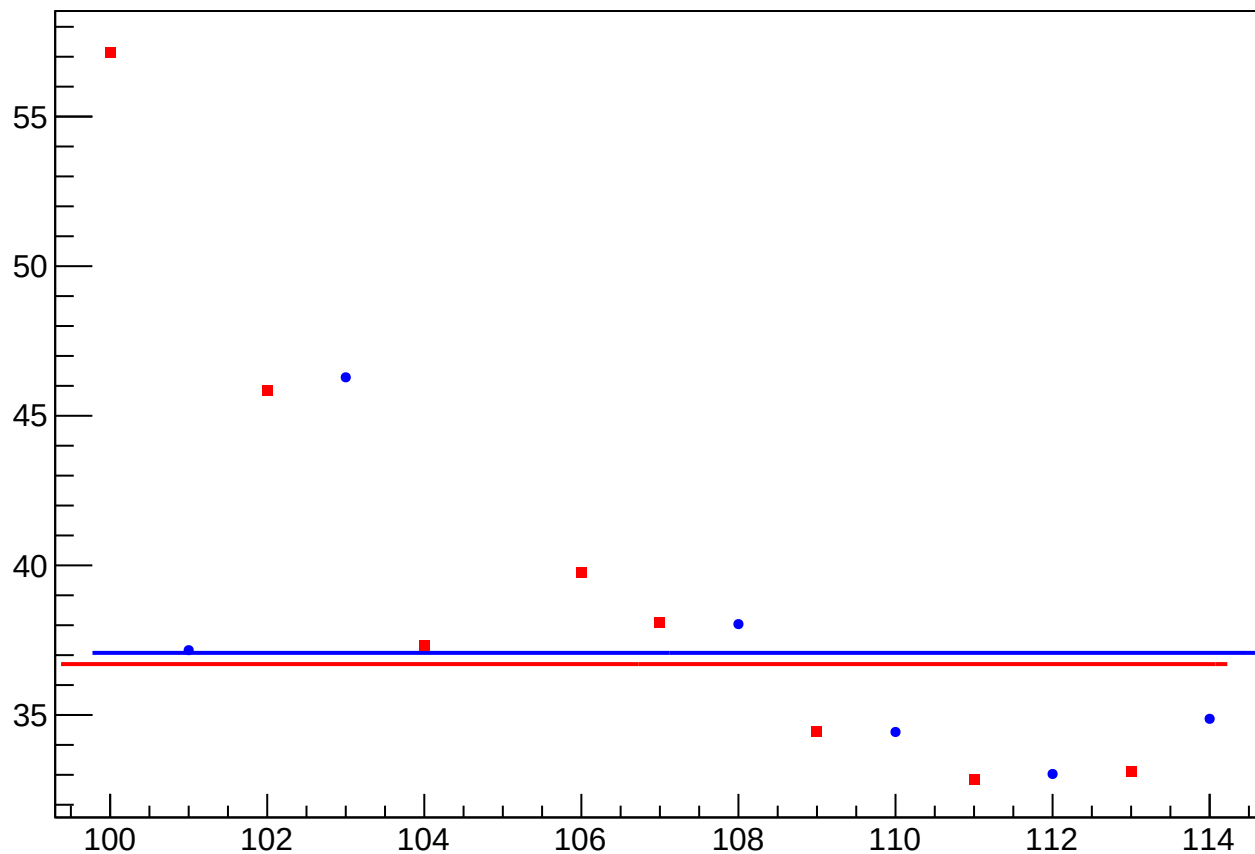
Right: -42.549 $\pm$ 15.478 χ^2 /NDF: 10.9/13

In: -42.614 $\pm$ 23.110 χ^2 /NDF:1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.549 $\pm$ 15.478 χ^2 /NDF: 10.9/13

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.076+/-0.016 χ^2/NDF : 68451.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.701+/-0.015 χ^2/NDF : 101757.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

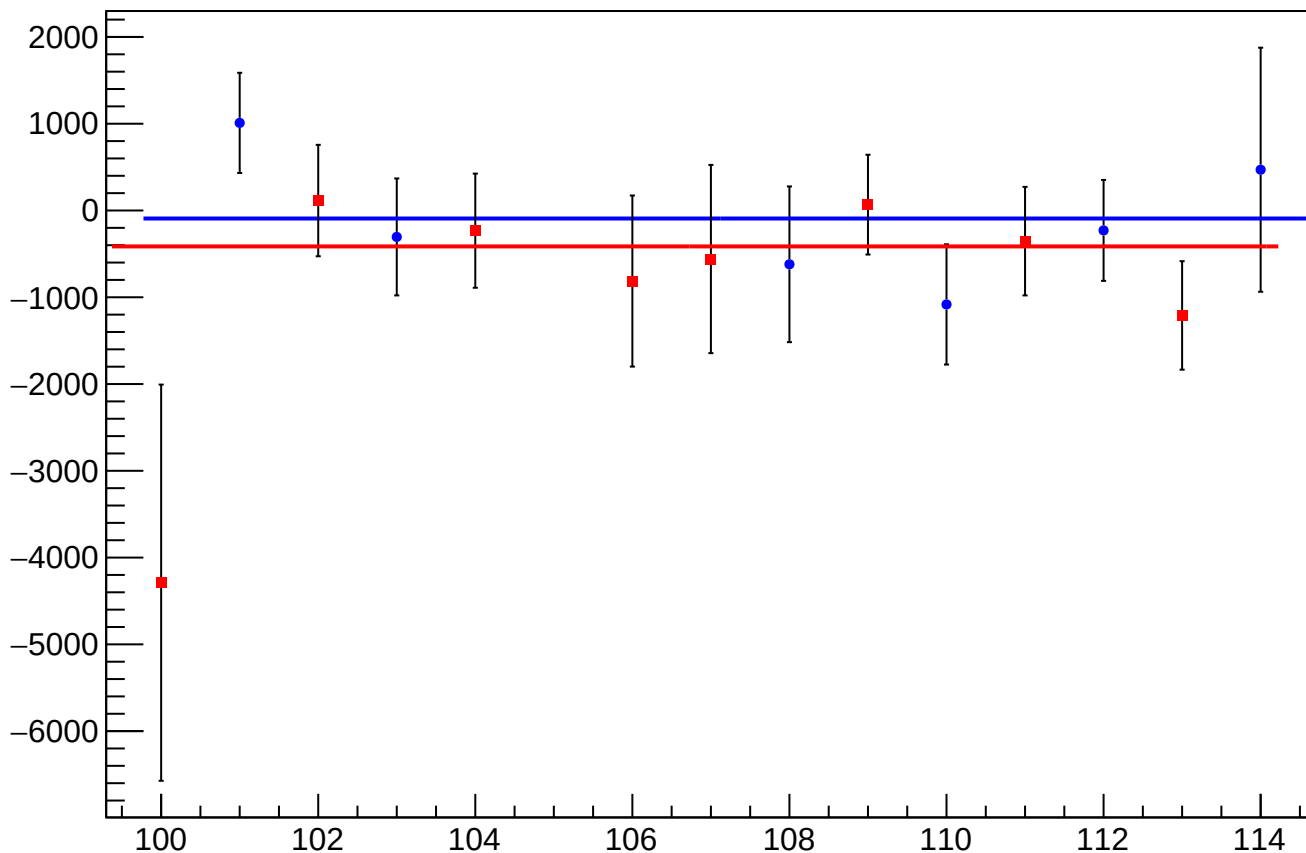
Right: 36.869+/-0.011 χ^2/NDF : 170499.6/13

In: 37.076+/-0.016 χ^2/NDF : 68451.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.869+/-0.011 χ^2/NDF : 170499.6/13

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

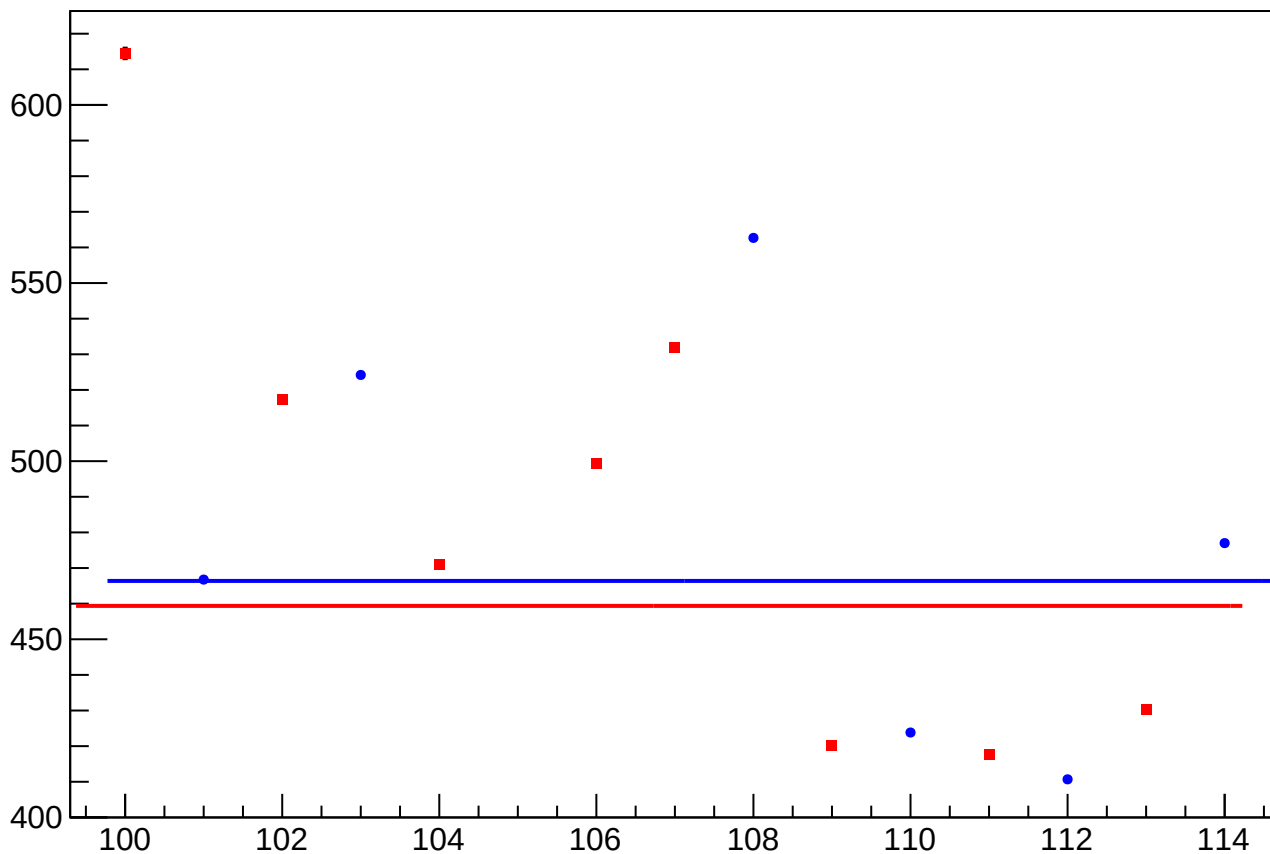
Right: -270.814 $\pm$ 192.662 χ^2 /NDF: 13.2/13

In: -92.359 $\pm$ 288.795 χ^2 /NDF:6.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -270.814 $\pm$ 192.662 χ^2 /NDF: 13.2/13

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 466.380+/-0.204 χ^2/NDF : 63764.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.376+/-0.183 χ^2/NDF : 60941.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

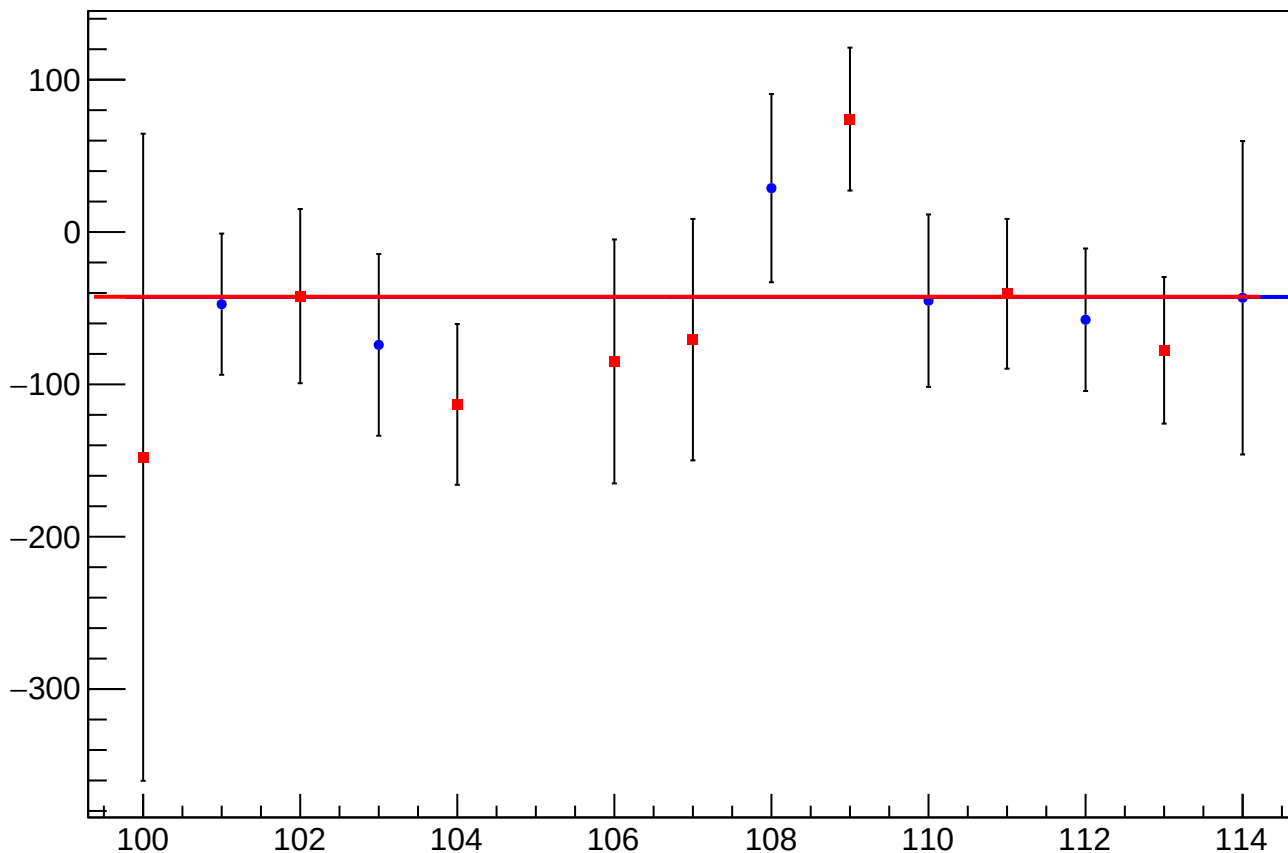
Right: 462.493+/-0.136 χ^2/NDF : 125358.2/13

In: 466.380+/-0.204 χ^2/NDF : 63764.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.493+/-0.136 χ^2/NDF : 125358.2/13

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

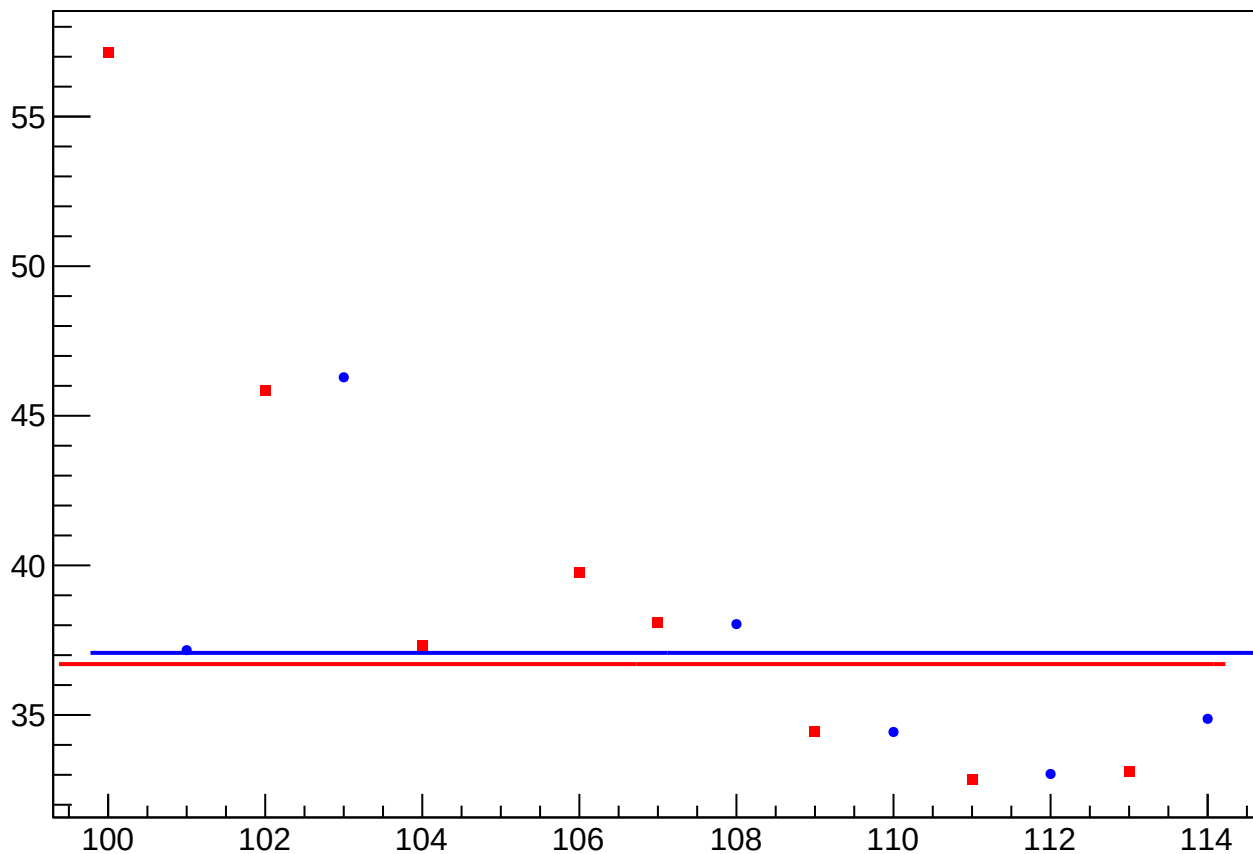
Right: -42.549 $\pm$ 15.478 χ^2 /NDF: 10.9/13

In: -42.614 $\pm$ 23.110 χ^2 /NDF:1.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.549 $\pm$ 15.478 χ^2 /NDF: 10.9/13

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.076+/-0.016 χ^2/NDF : 68451.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.701+/-0.015 χ^2/NDF : 101757.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

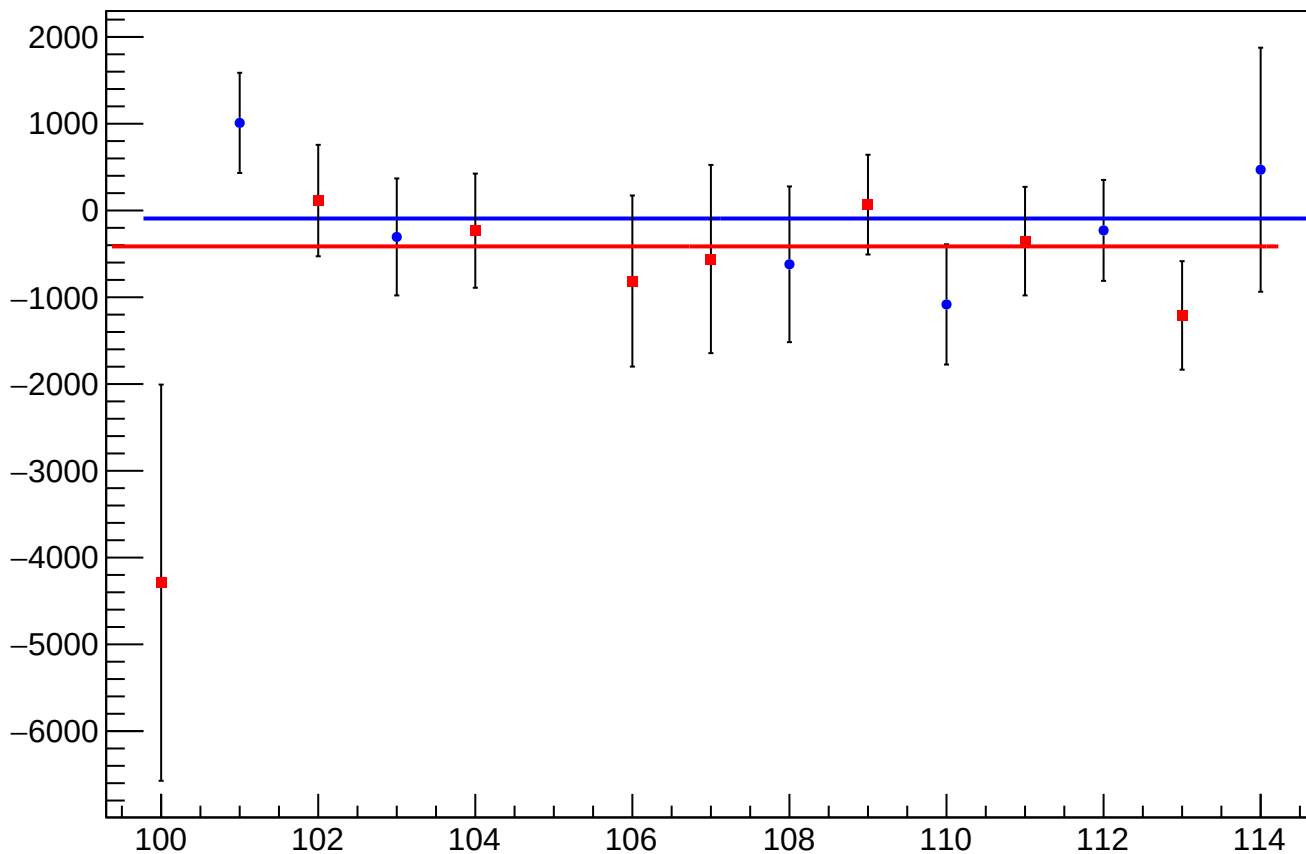
Right: 36.869+/-0.011 χ^2/NDF : 170499.6/13

In: 37.076+/-0.016 χ^2/NDF : 68451.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.869+/-0.011 χ^2/NDF : 170499.6/13

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

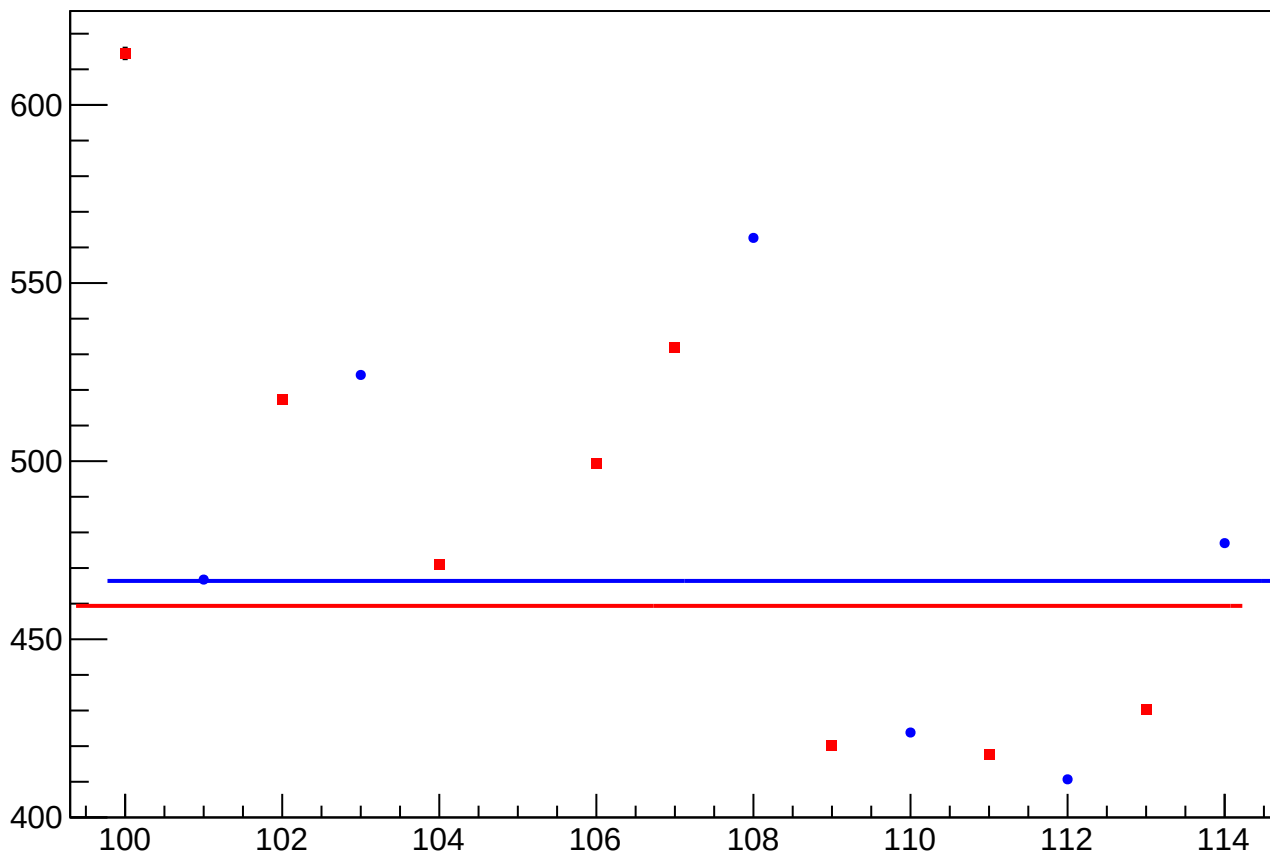
Right: -270.814+/-192.662 χ^2/NDF : 13.2/13

In: -92.359+/-288.795 χ^2/NDF : 6.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.814+/-192.662 χ^2/NDF : 13.2/13

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

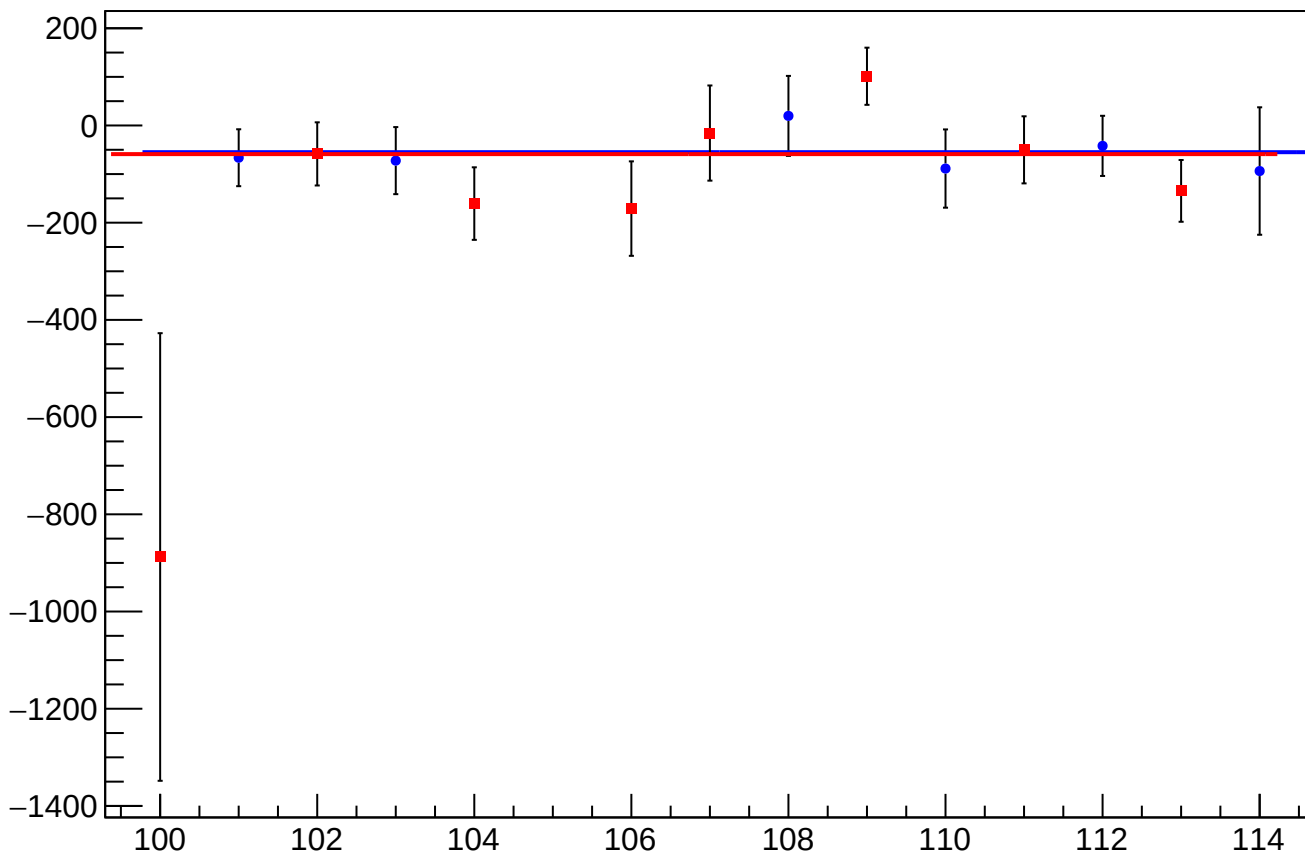
Right: 462.493 $\pm$ 0.136 χ^2 /NDF: 125358.2/13

In: 466.380 $\pm$ 0.204 χ^2 /NDF:63764.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 462.493 $\pm$ 0.136 χ^2 /NDF: 125358.2/13

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

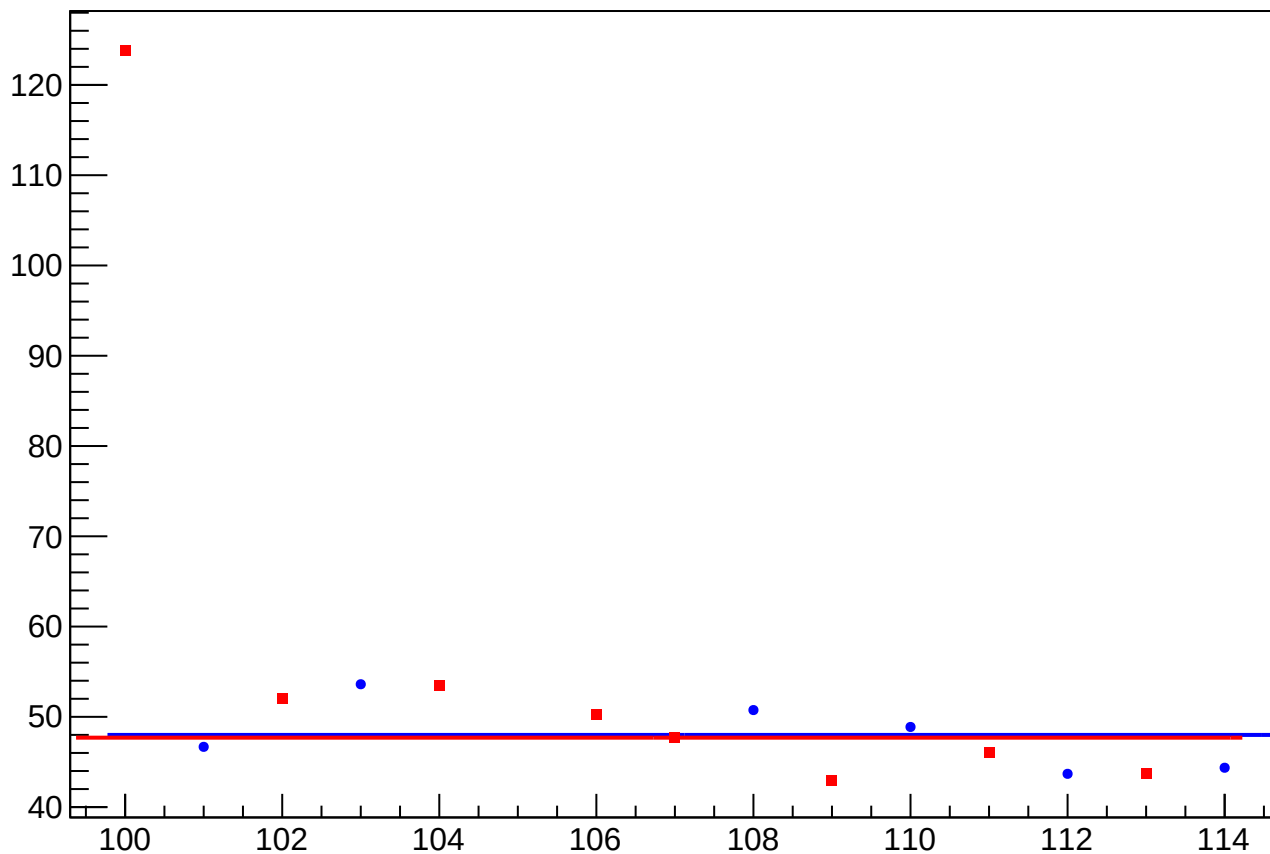
Right: -57.146 $\pm$ 19.994 χ^2 /NDF: 16.7/13

In: -54.960 $\pm$ 29.839 χ^2 /NDF:1.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.146 $\pm$ 19.994 χ^2 /NDF: 16.7/13

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

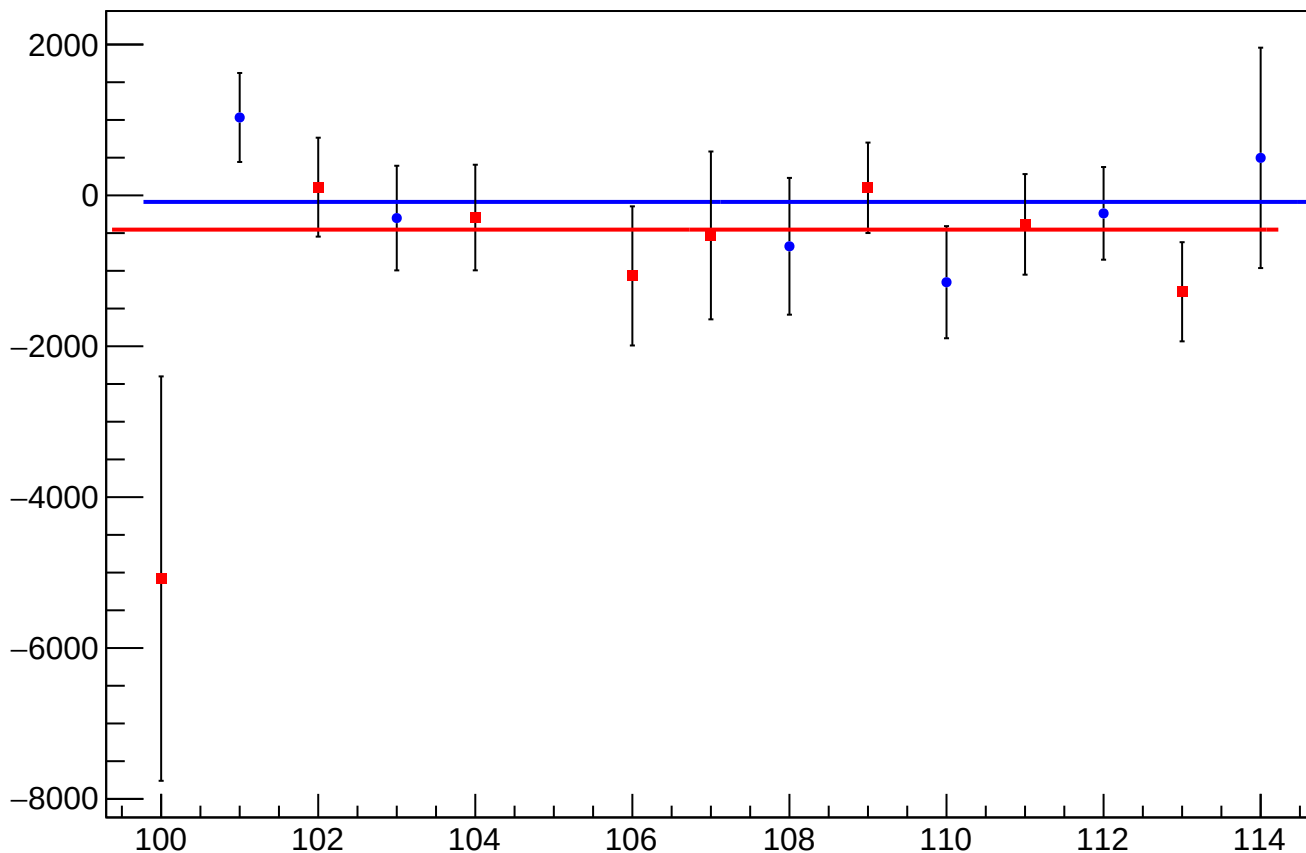
Right: 47.829 $\pm$ 0.014 χ^2 /NDF: 127161.8/13

In: 47.997 $\pm$ 0.021 χ^2 /NDF:27970.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.829 $\pm$ 0.014 χ^2 /NDF: 127161.8/13

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

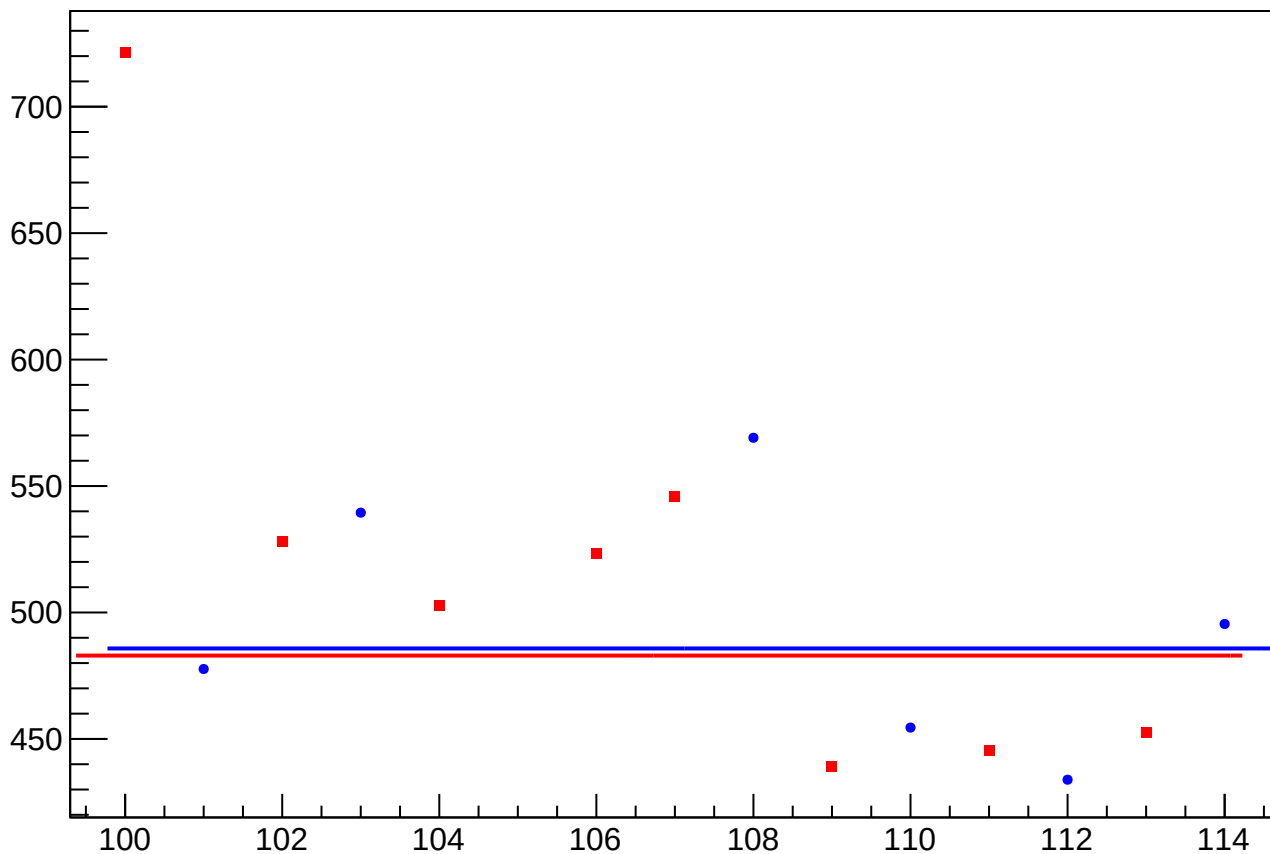
Right: -290.225 $\pm$ 200.243 χ^2 /NDF: 13.9/13

In: -86.404 $\pm$ 300.137 χ^2 /NDF:6.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -290.225 $\pm$ 200.243 χ^2 /NDF: 13.9/13

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 485.777+/-0.212 χ^2/NDF : 47170.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.967+/-0.190 χ^2/NDF : 58461.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

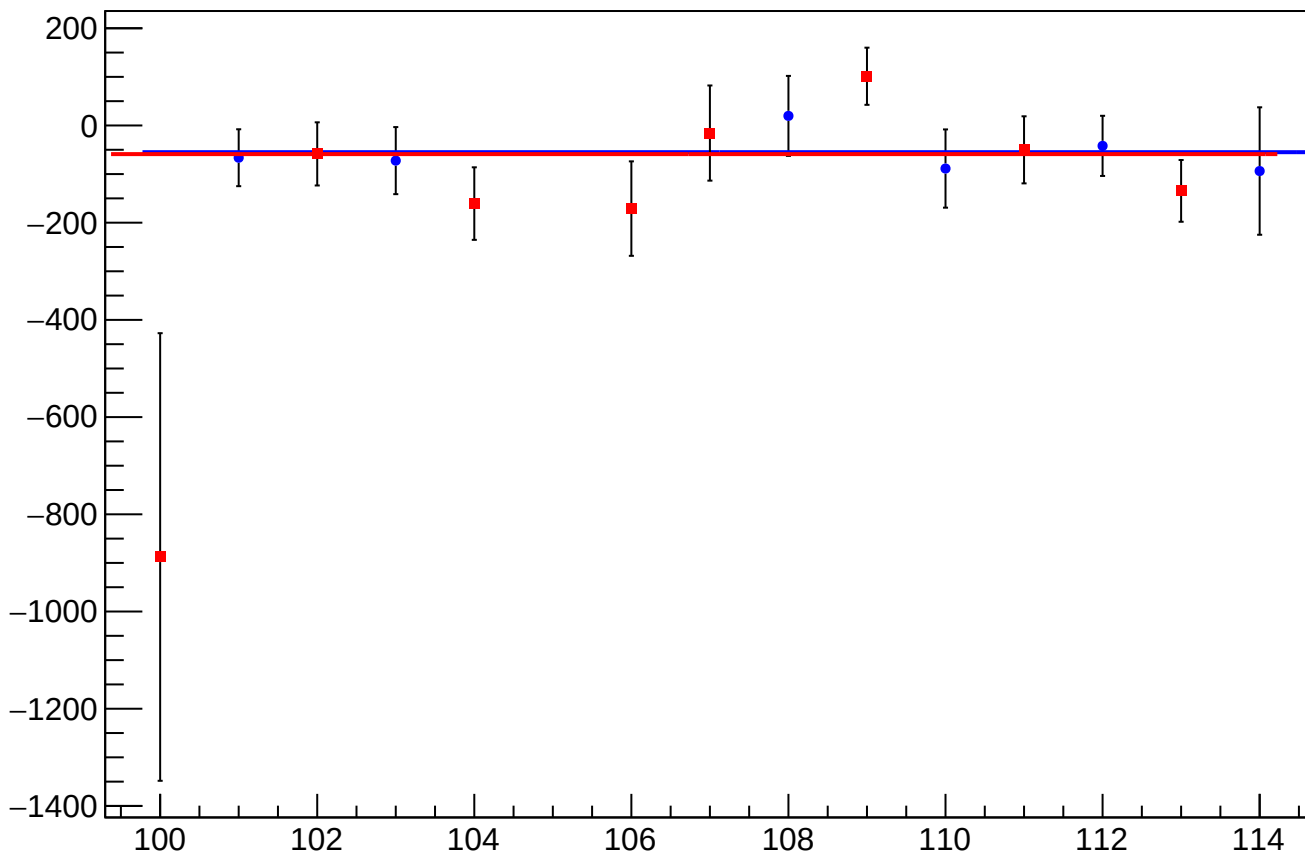
Right: 484.218+/-0.142 χ^2/NDF : 105728.9/13

In: 485.777+/-0.212 χ^2/NDF : 47170.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.218+/-0.142 χ^2/NDF : 105728.9/13

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -54.958 $\pm$ 29.839 χ^2 /NDF: 1.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -58.926 $\pm$ 26.935 χ^2 /NDF: 15.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

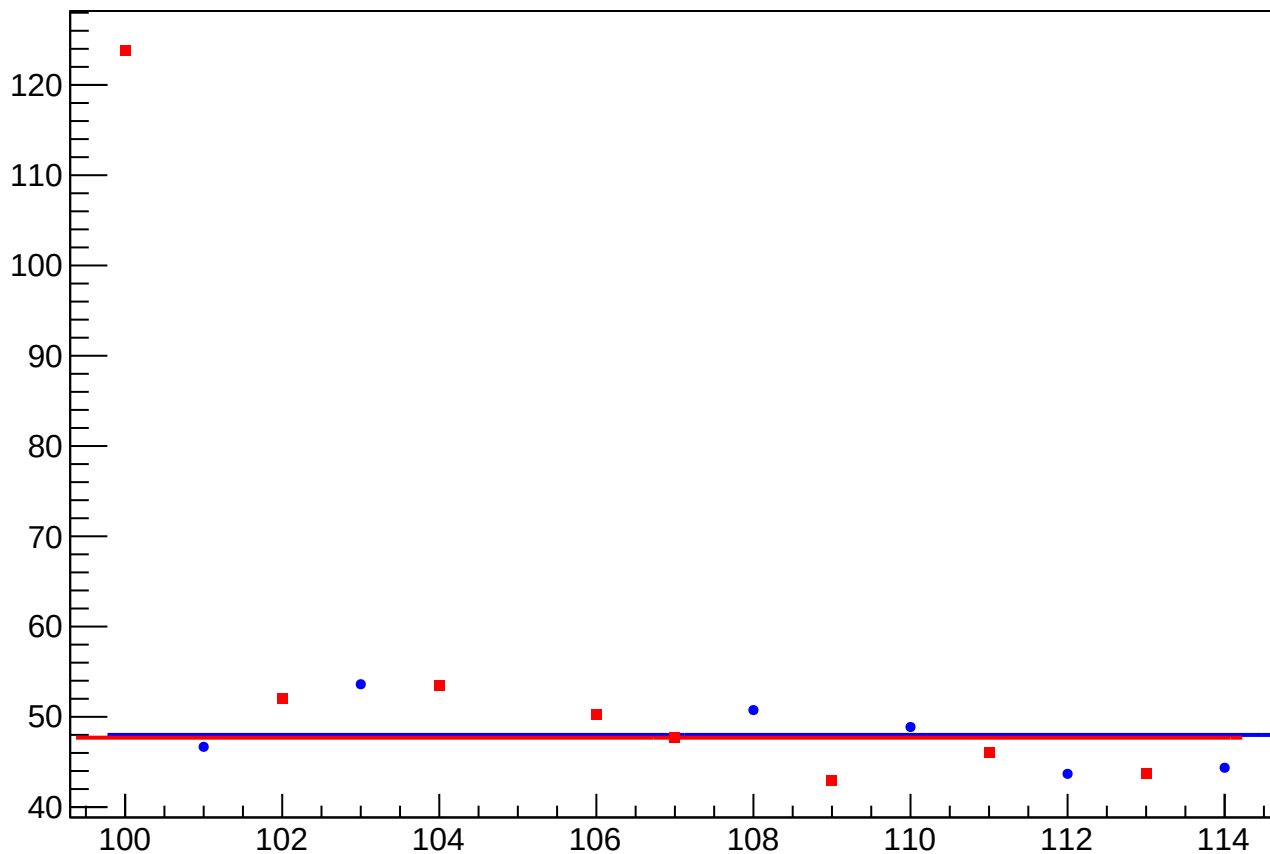
Right: -57.144 $\pm$ 19.994 χ^2 /NDF: 16.7/13

In: -54.958 $\pm$ 29.839 χ^2 /NDF:1.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.144 $\pm$ 19.994 χ^2 /NDF: 16.7/13

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

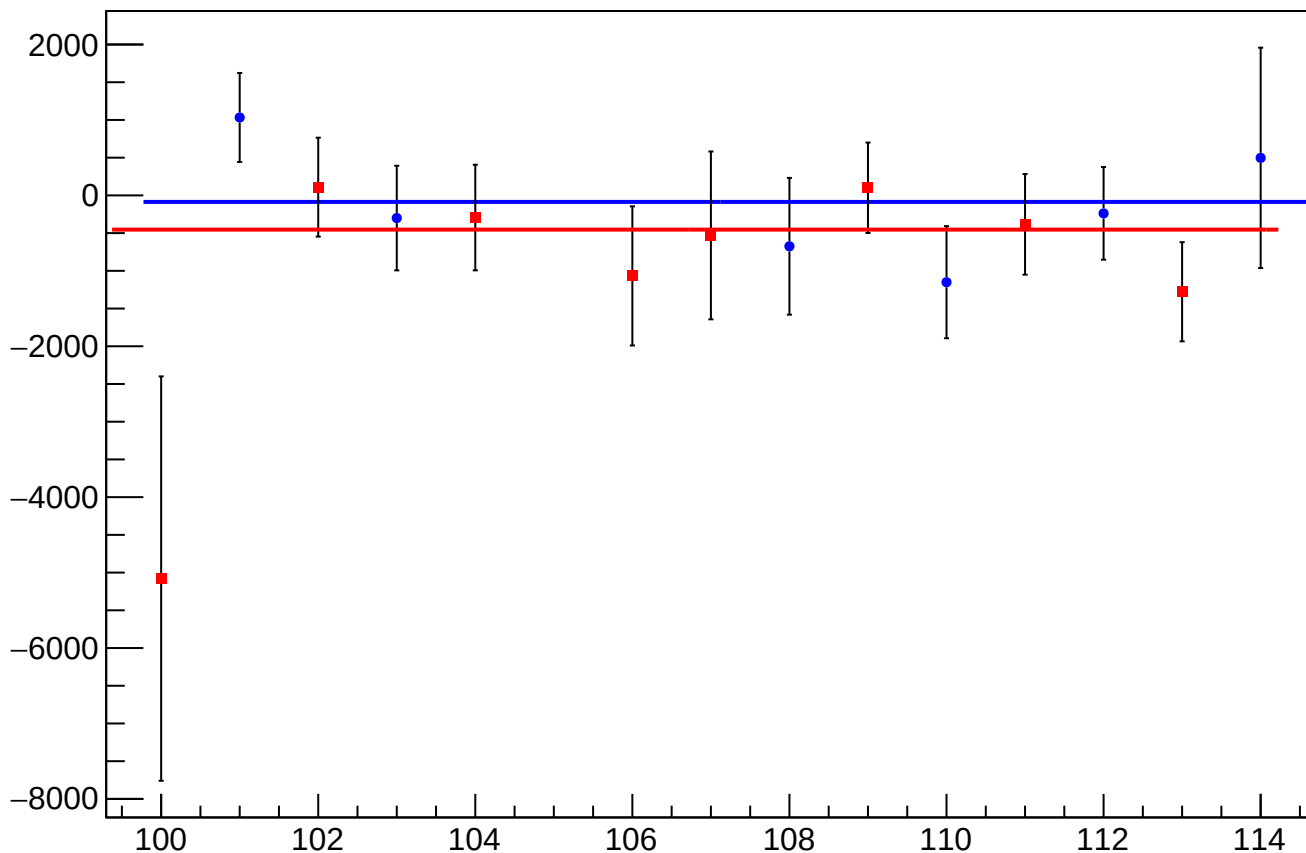
Right: 47.828 $\pm$ 0.014 χ^2 /NDF: 127180.1/13

In: 47.996 $\pm$ 0.021 χ^2 /NDF:27978.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.828 $\pm$ 0.014 χ^2 /NDF: 127180.1/13

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

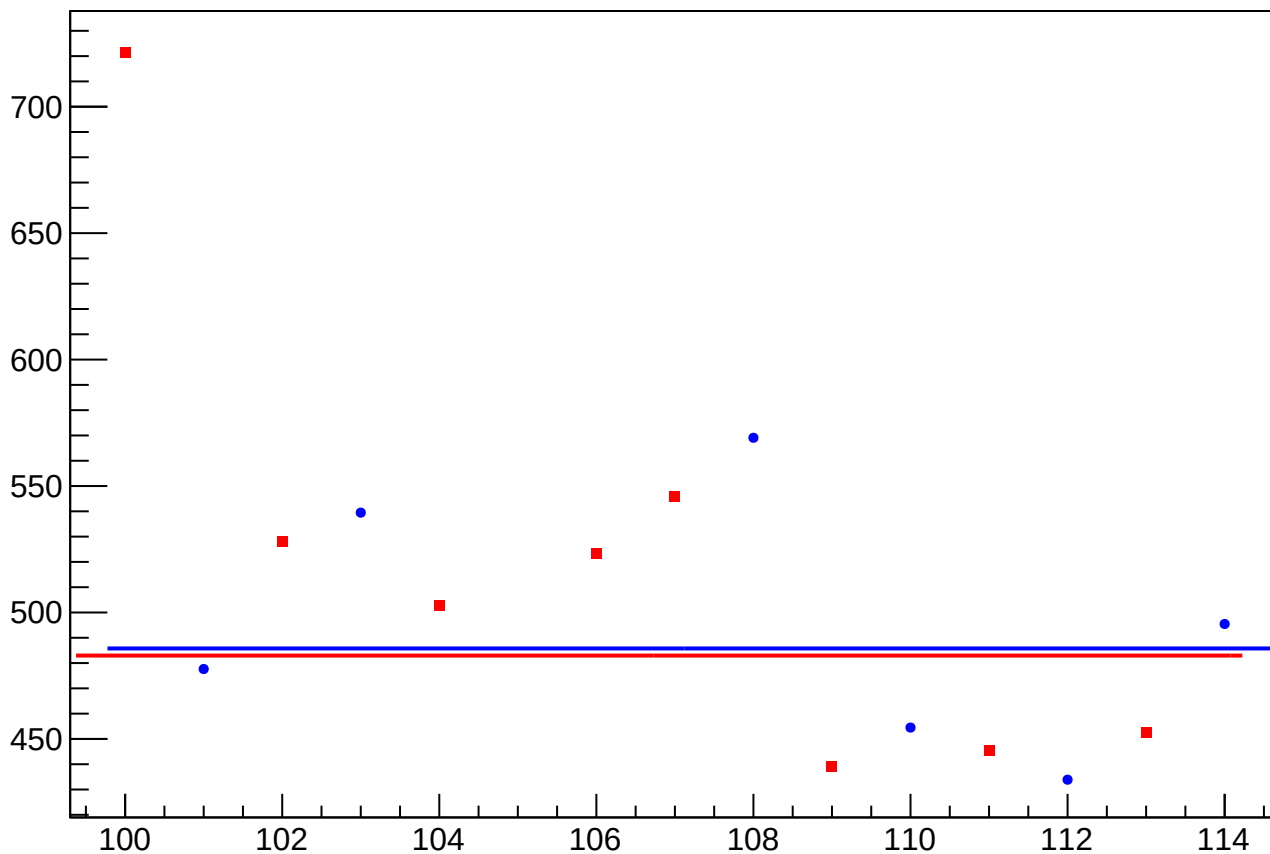
Right: -290.225+/-200.243 χ^2/NDF : 13.9/13

In: -86.405+/-300.136 χ^2/NDF :6.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -290.225+/-200.243 χ^2/NDF : 13.9/13

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 485.775+/-0.212 χ^2/NDF : 47173.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.965+/-0.190 χ^2/NDF : 58464.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

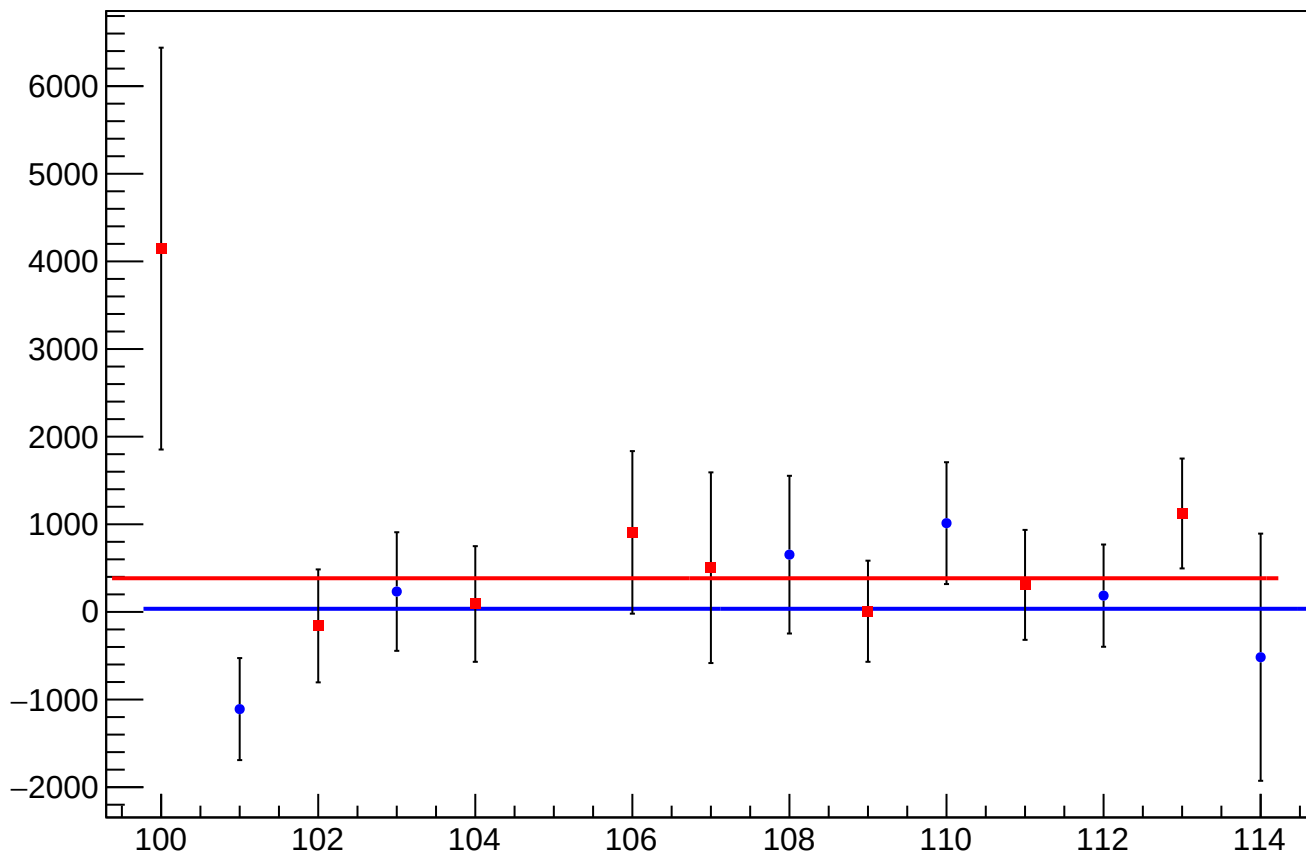
Right: 484.216+/-0.142 χ^2/NDF : 105734.4/13

In: 485.775+/-0.212 χ^2/NDF : 47173.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.216+/-0.142 χ^2/NDF : 105734.4/13

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

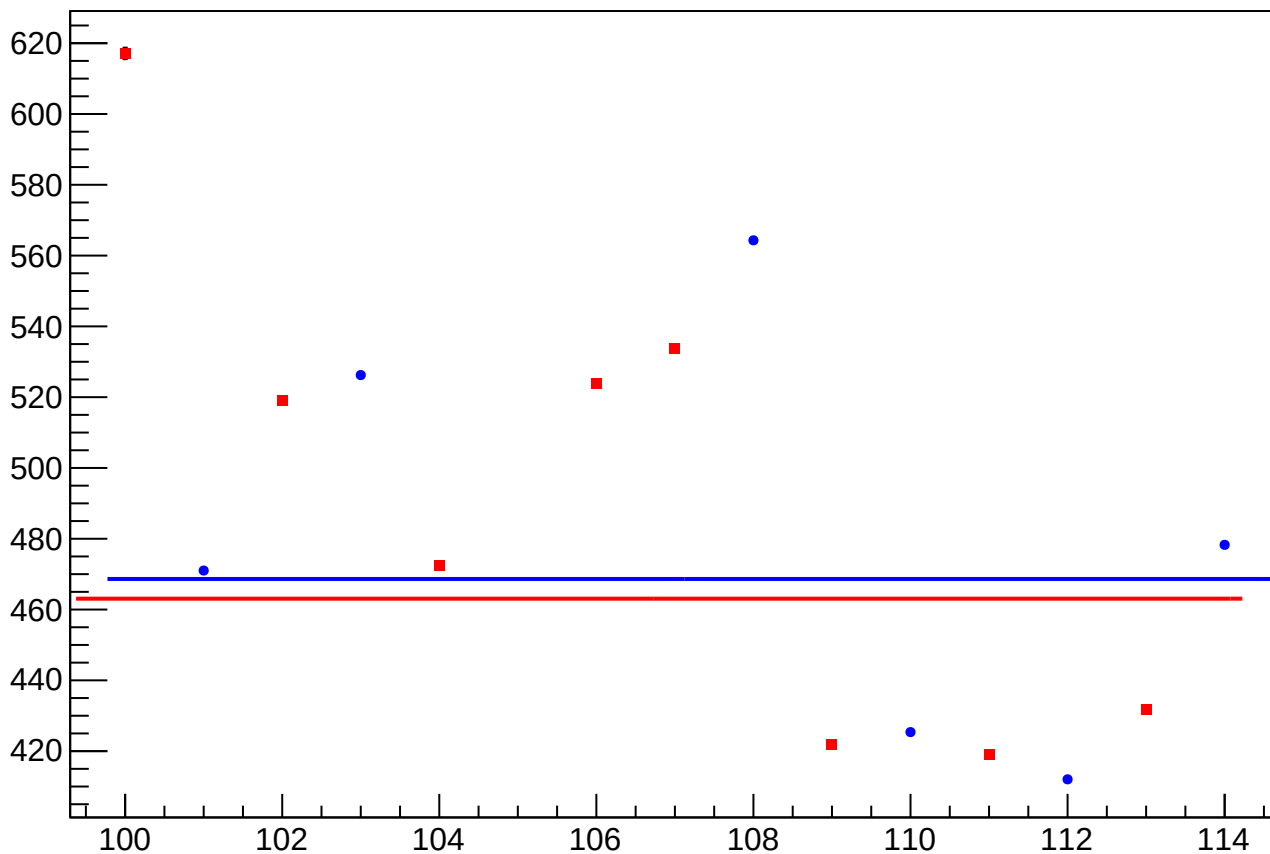
Right: 230.129+/-192.918 χ^2/NDF : 13.2/13

In: 35.723+/-290.134 χ^2/NDF : 6.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.129+/-192.918 χ^2/NDF : 13.2/13

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

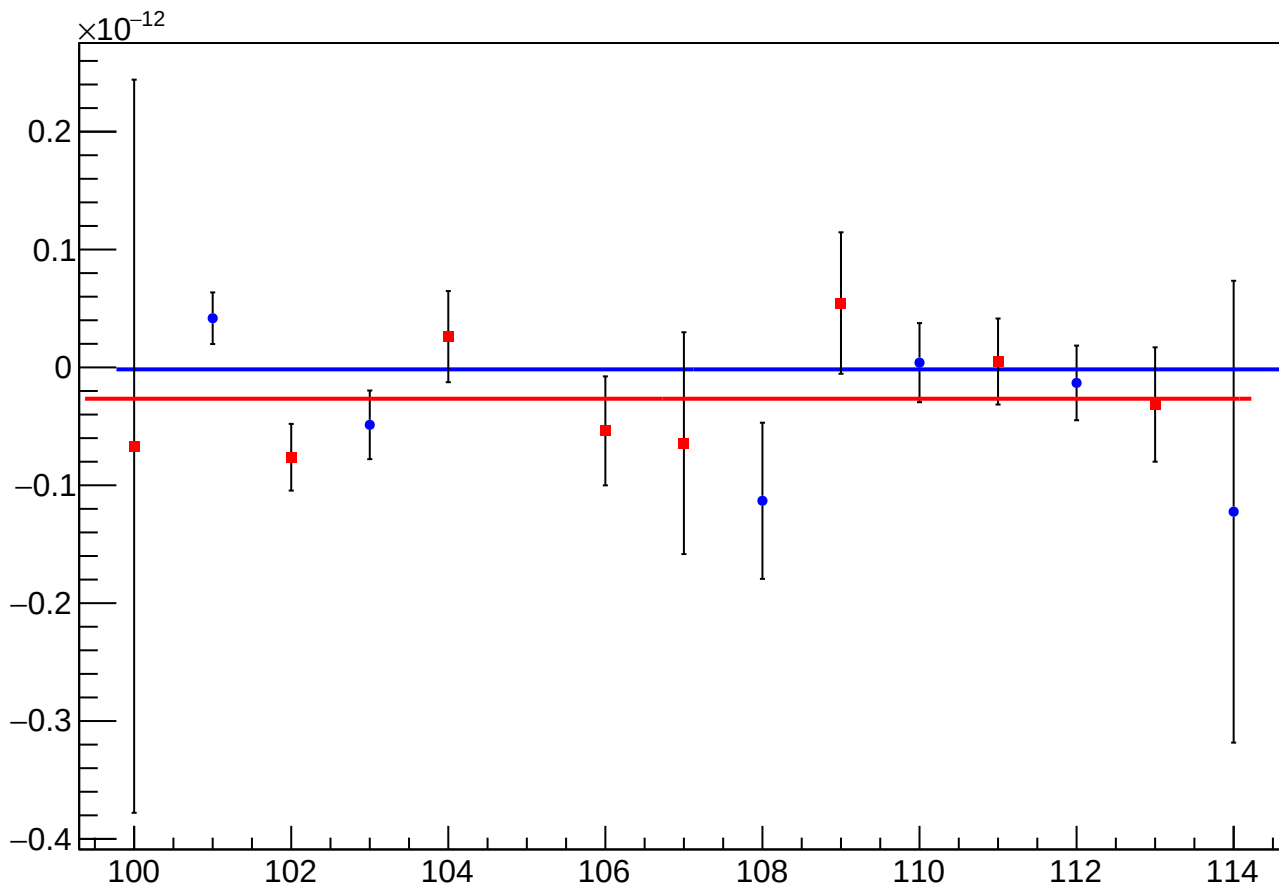
Right: 465.536 $\pm$ 0.136 χ^2 /NDF: 130964.6/13

In: 468.641 $\pm$ 0.205 χ^2 /NDF:63799.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 465.536 $\pm$ 0.136 χ^2 /NDF: 130964.6/13

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

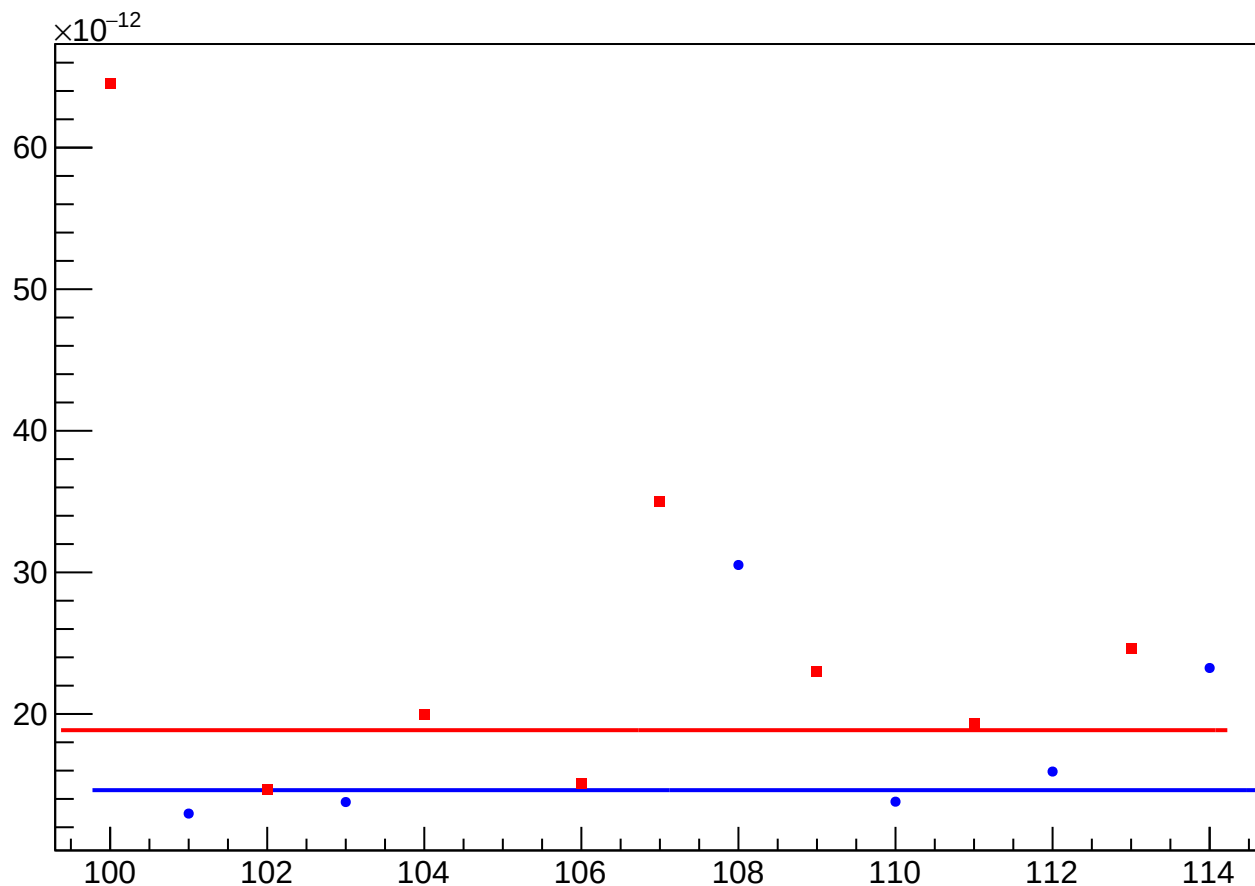
Right: -0.000+/-0.000 χ^2/NDF : 19.4/13

In: -0.000+/-0.000 χ^2/NDF : 9.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/13

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

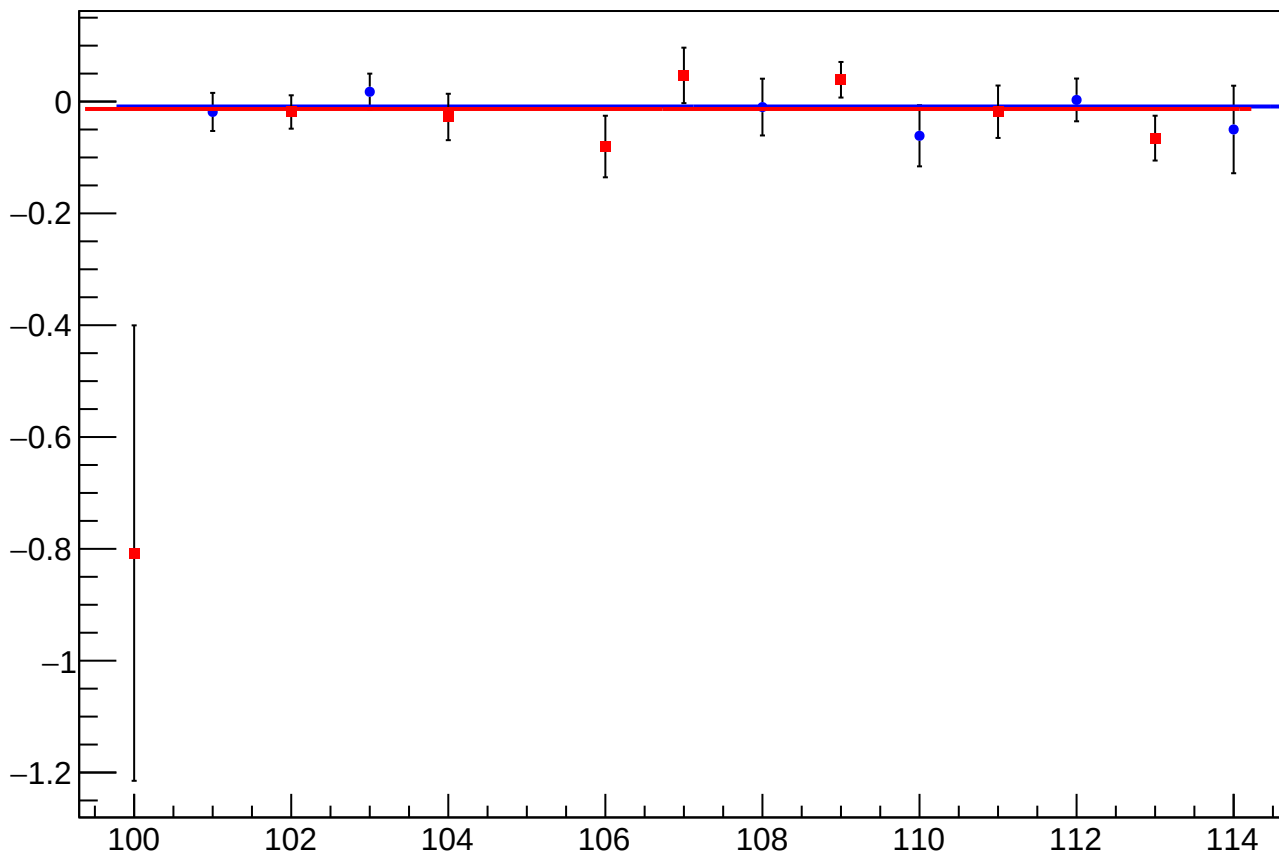
Right: 0.000+/-0.000 χ^2/NDF : 417957.1/13

In: 0.000+/-0.000 χ^2/NDF : 136828.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 417957.1/13

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

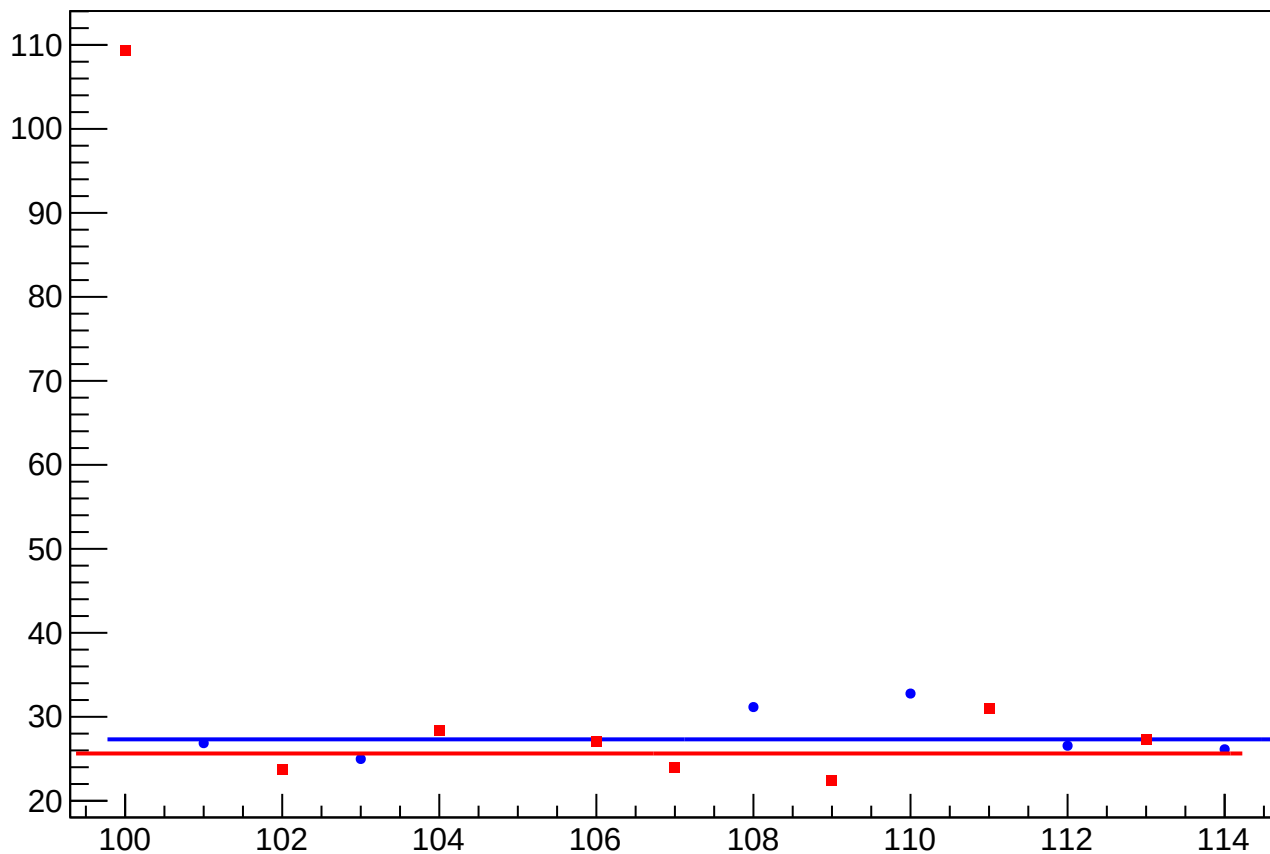
Right: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.4/13

In: -0.009 $\pm$ 0.017 χ^2 /NDF:2.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.4/13

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.317 ± 0.012 $\chi^2/\text{NDF}: 43342.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.634 ± 0.011 $\chi^2/\text{NDF}: 155420.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

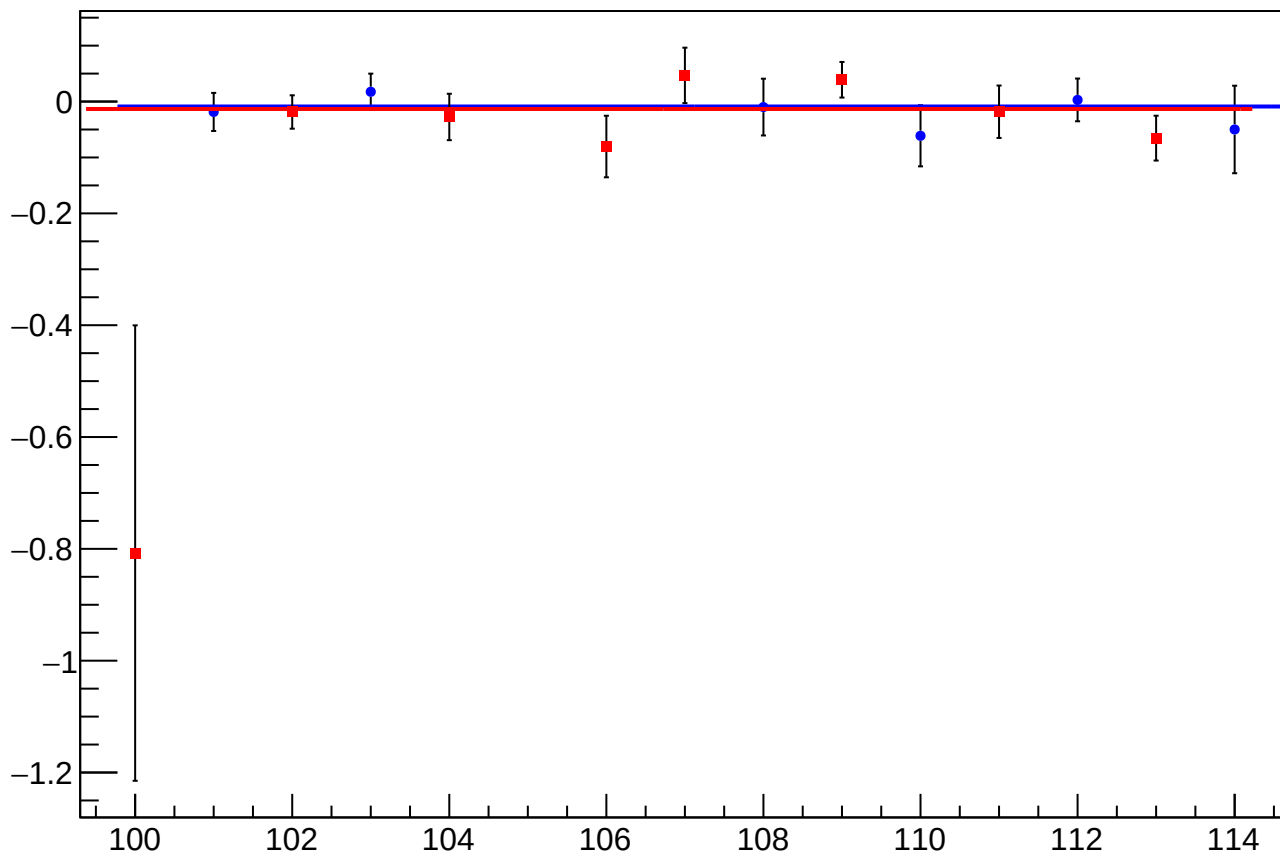
Right: 26.356 ± 0.008 $\chi^2/\text{NDF}: 209704.1/13$

In: 27.317 ± 0.012 $\chi^2/\text{NDF}: 43342.0/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 26.356 ± 0.008 $\chi^2/\text{NDF}: 209704.1/13$

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.017 χ^2/NDF : 2.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.015 χ^2/NDF : 11.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

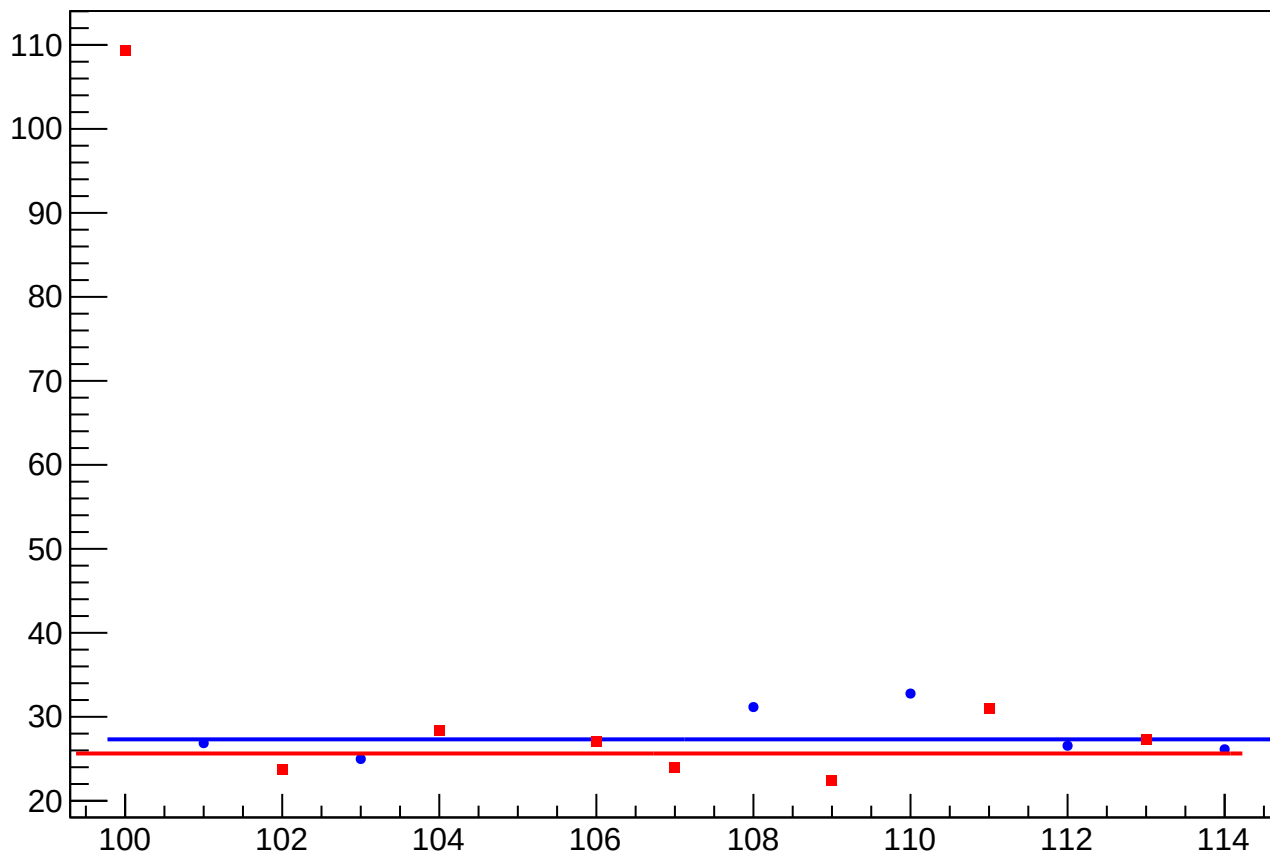
Right: -0.011 ± 0.011 χ^2/NDF : 13.4/13

In: -0.009 ± 0.017 χ^2/NDF : 2.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.011 χ^2/NDF : 13.4/13

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

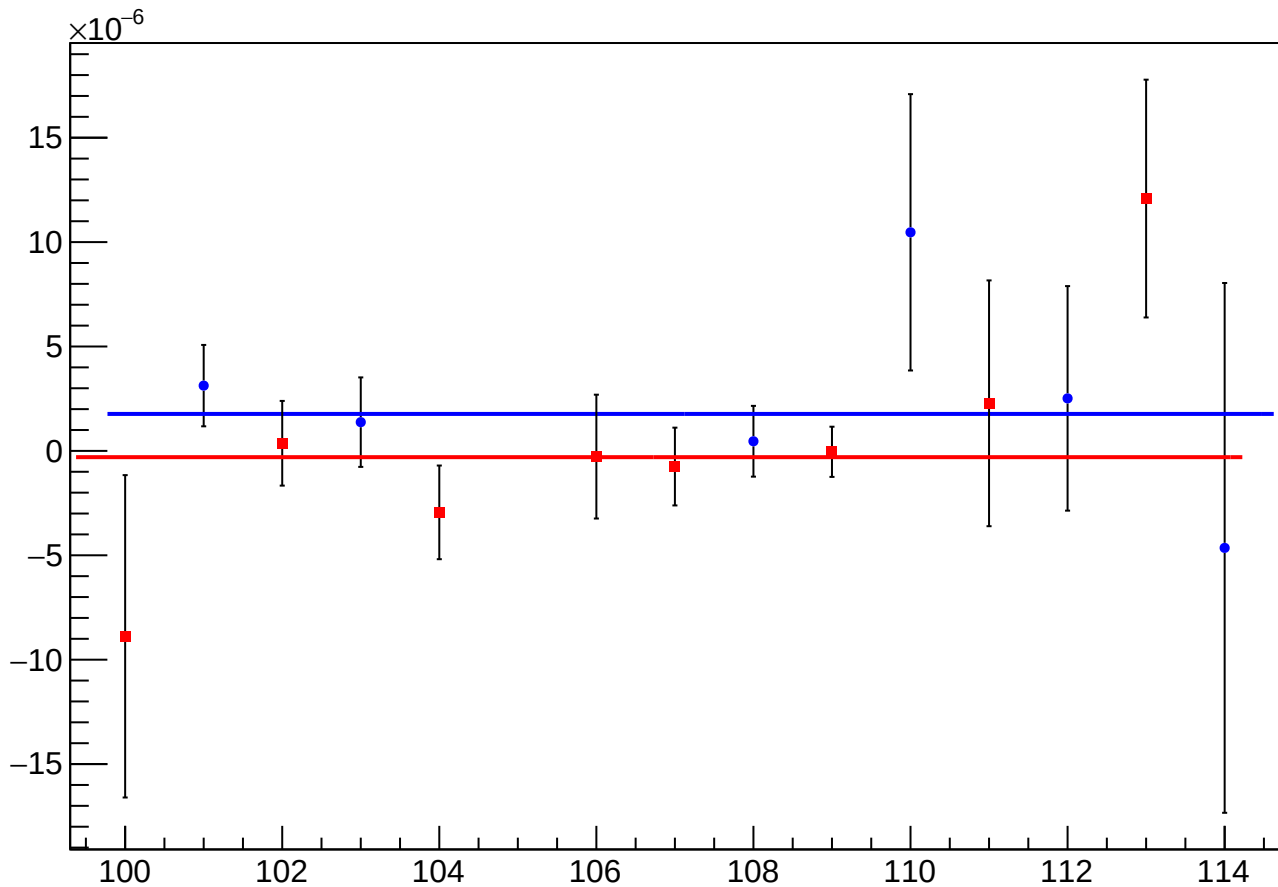
Right: 26.356 $\pm$ 0.008 χ^2 /NDF: 209704.1/13

In: 27.317 $\pm$ 0.012 χ^2 /NDF:43342.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.356 $\pm$ 0.008 χ^2 /NDF: 209704.1/13

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

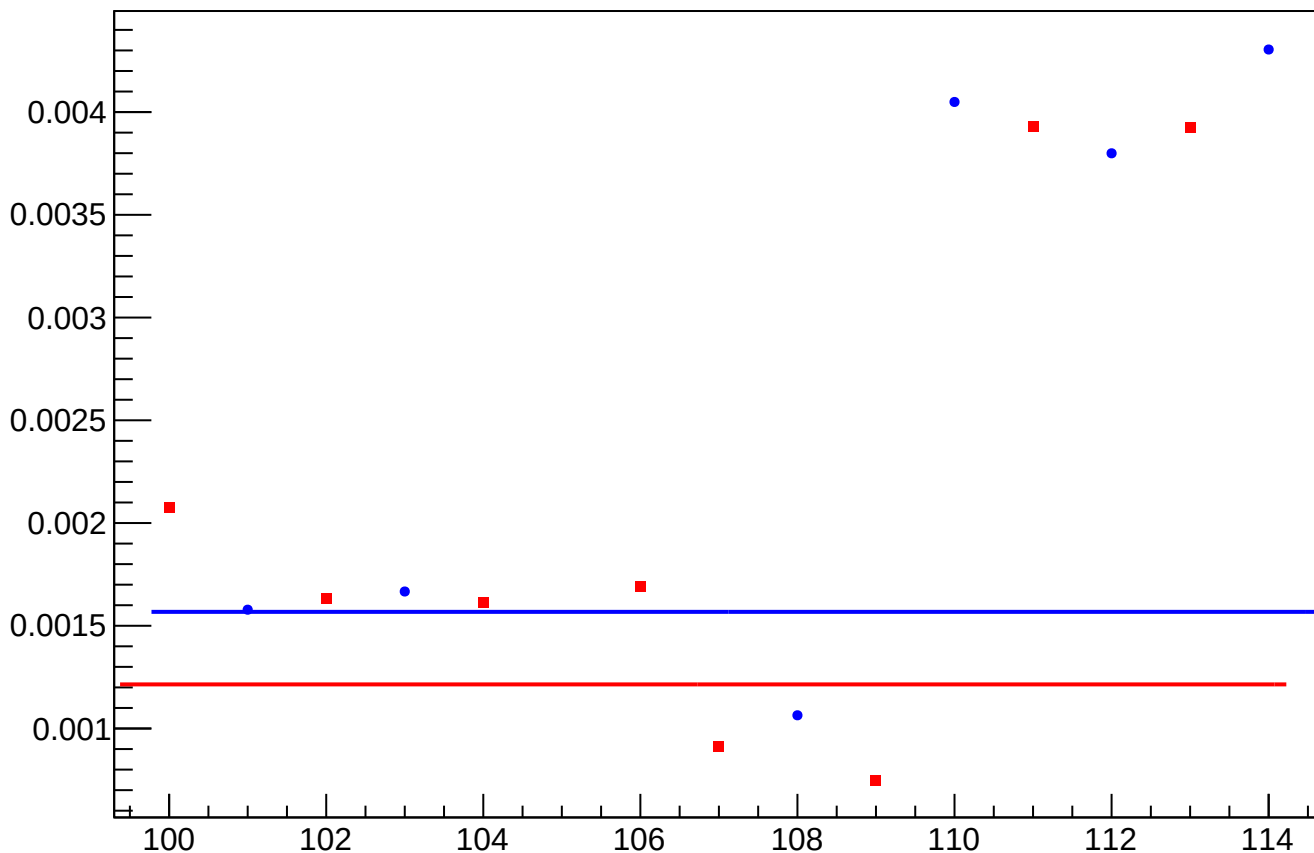
Right: 0.000+/-0.000 χ^2/NDF : 13.3/13

In: 0.000+/-0.000 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/13

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

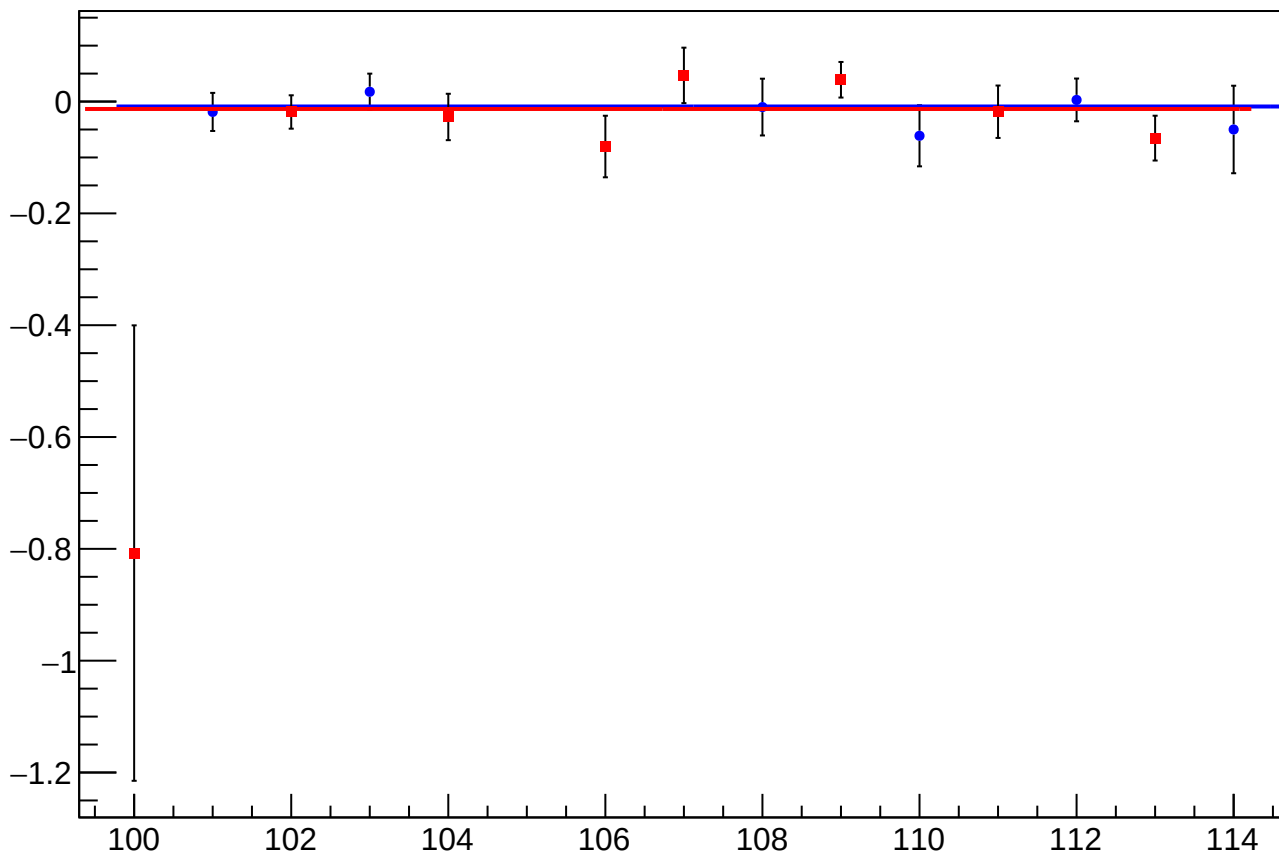
Right: 0.001+/-0.000 χ^2/NDF : 2500973.2/13

In: 0.002+/-0.000 χ^2/NDF :899537.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2500973.2/13

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.017 χ^2/NDF : 2.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.015 χ^2/NDF : 11.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

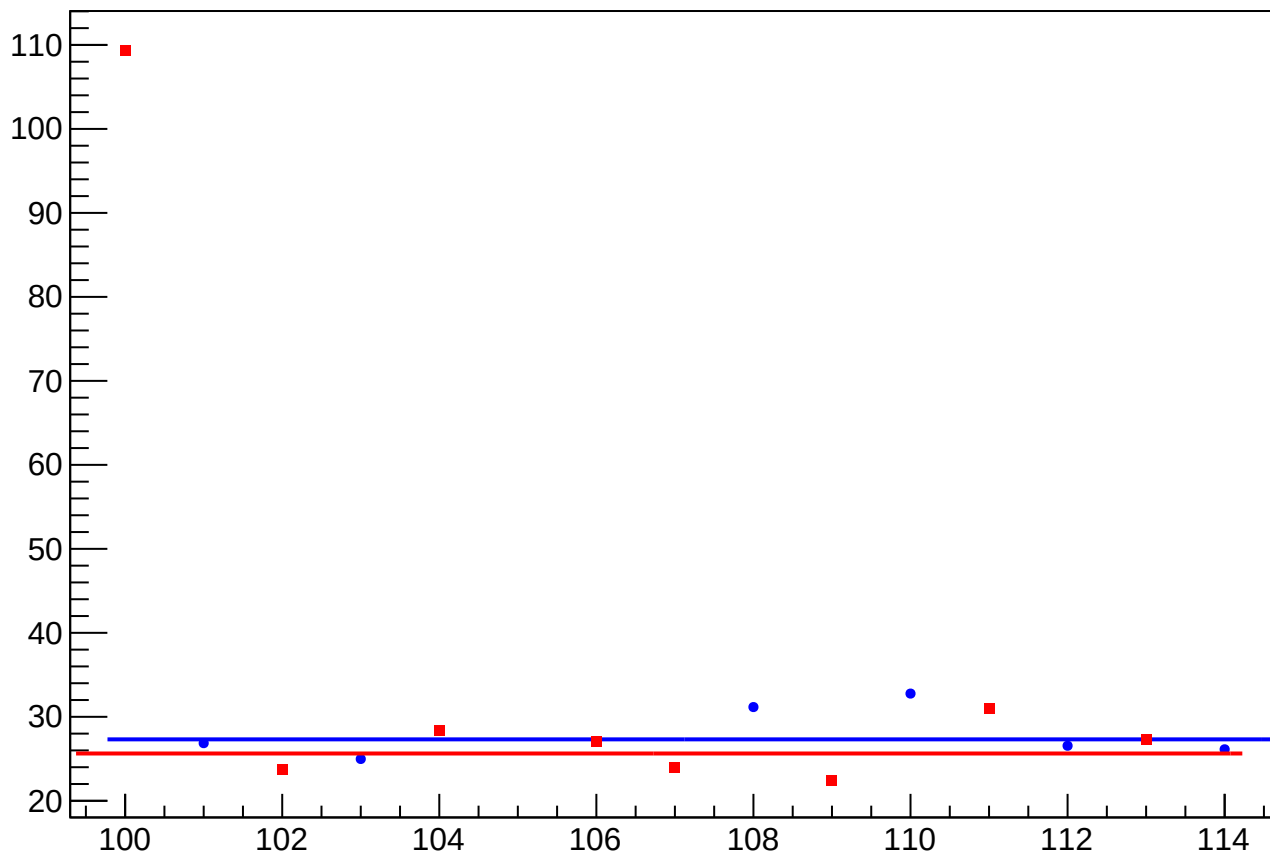
Right: -0.011 ± 0.011 χ^2/NDF : 13.4/13

In: -0.009 ± 0.017 χ^2/NDF : 2.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.011 χ^2/NDF : 13.4/13

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

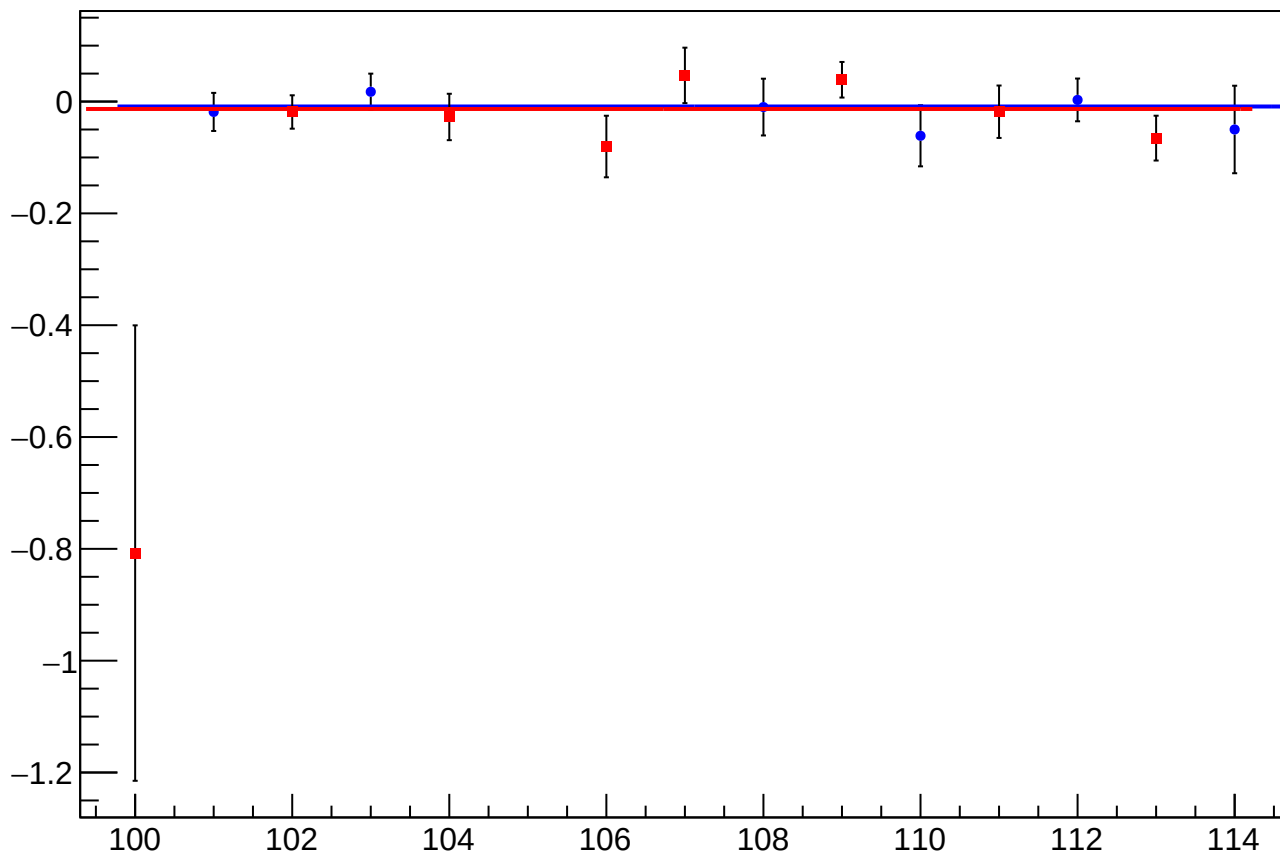
Right: 26.354+/-0.008 χ^2/NDF : 209666.3/13

In: 27.316+/-0.012 χ^2/NDF : 43336.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.354+/-0.008 χ^2/NDF : 209666.3/13

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.017 $\chi^2/\text{NDF}: 2.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.013 ± 0.015 $\chi^2/\text{NDF}: 11.3/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

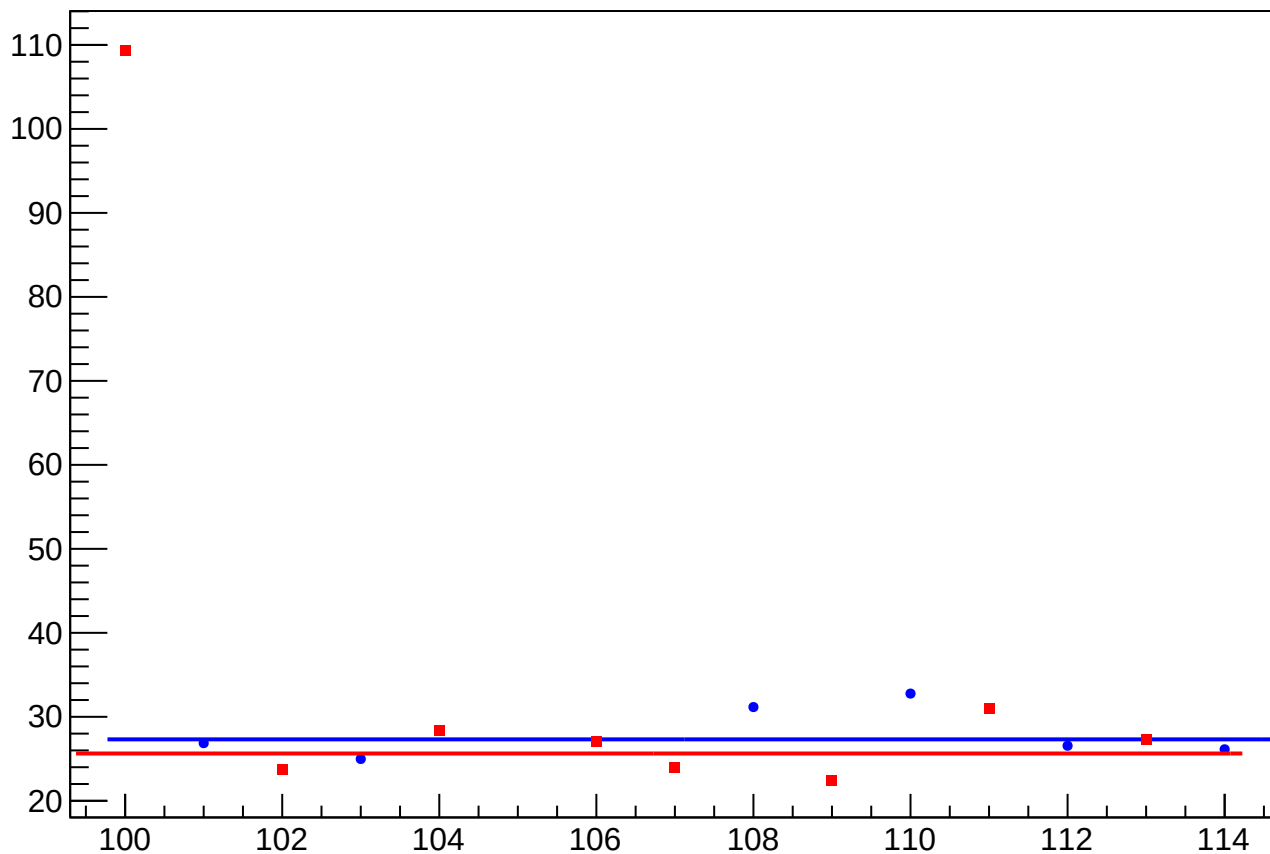
Right: -0.011 ± 0.011 $\chi^2/\text{NDF}: 13.4/13$

In: -0.009 ± 0.017 $\chi^2/\text{NDF}: 2.0/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.011 ± 0.011 $\chi^2/\text{NDF}: 13.4/13$

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

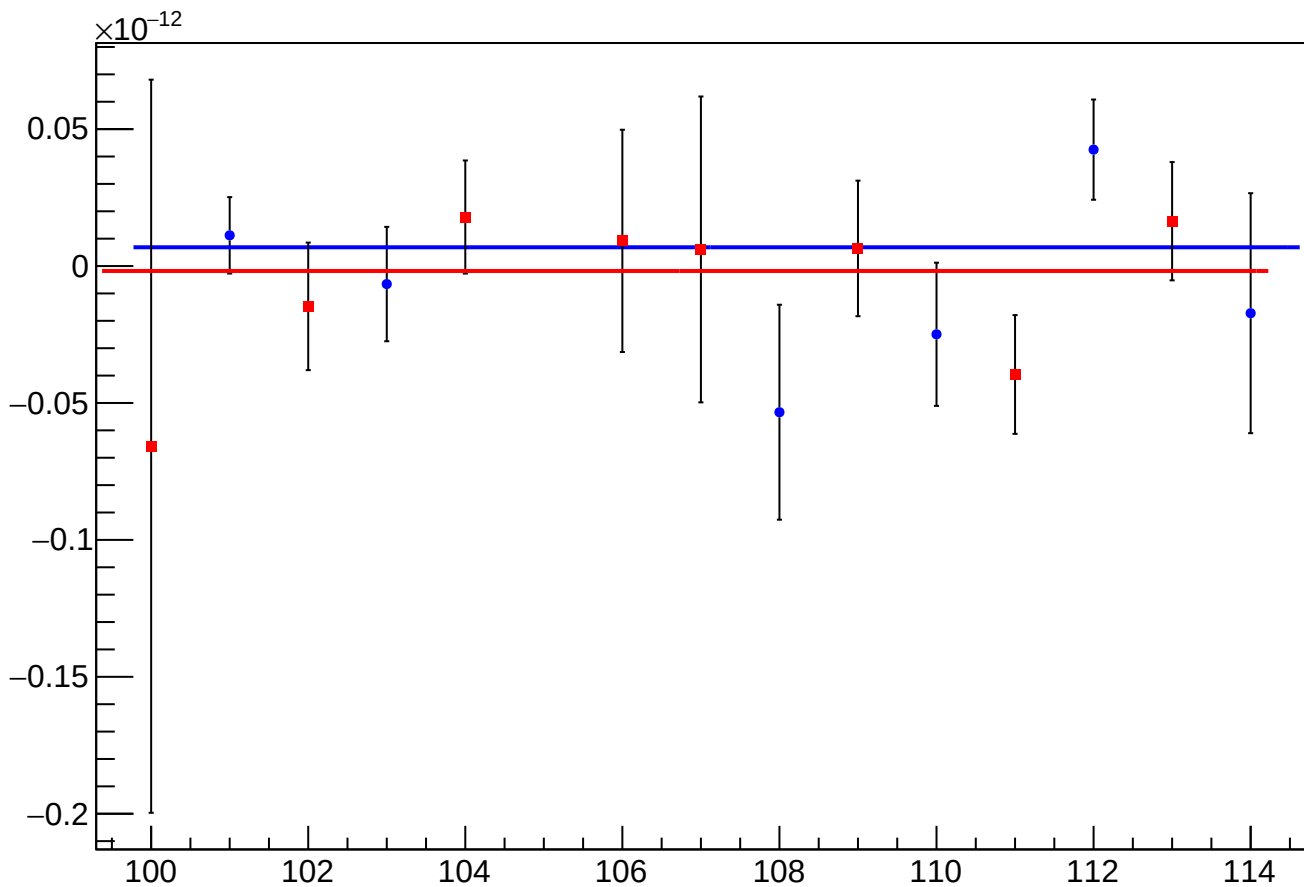
Right: 26.354+/-0.008 χ^2/NDF : 209666.3/13

In: 27.316+/-0.012 χ^2/NDF : 43336.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.354+/-0.008 χ^2/NDF : 209666.3/13

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

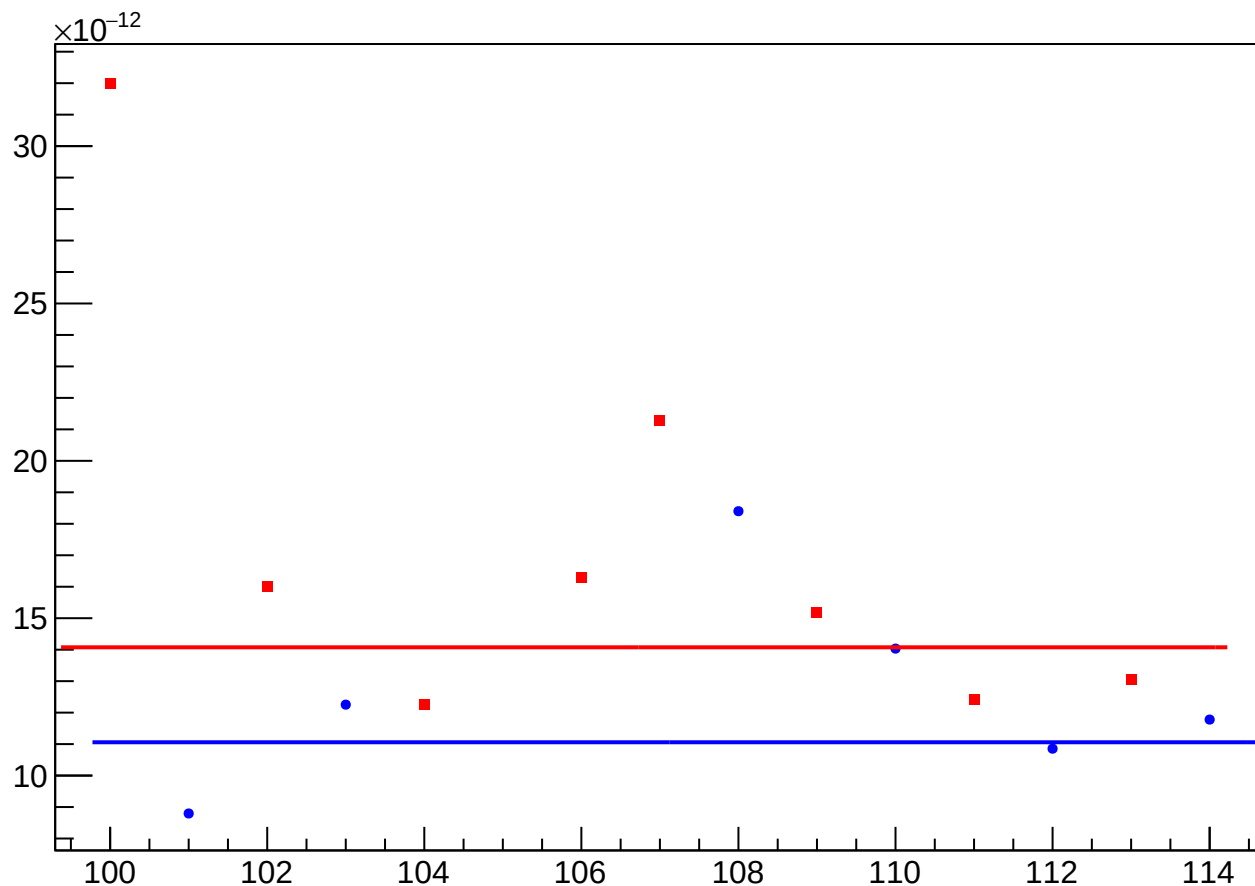
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 14.3/13

In: 0.000 $\pm$ 0.000 χ^2/NDF : 8.4/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 14.3/13

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

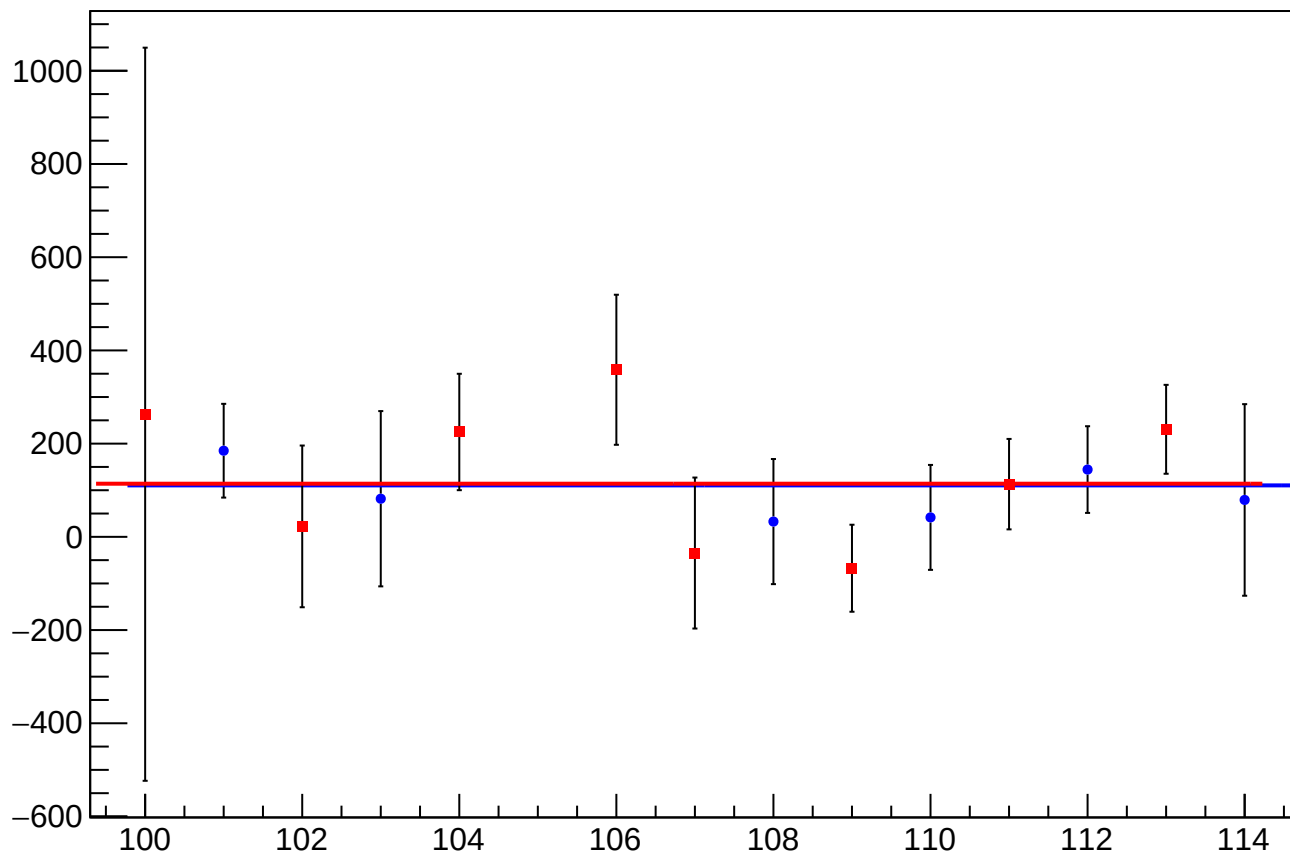
Right: 0.000+/-0.000 χ^2/NDF : 389693.1/13

In: 0.000+/-0.000 χ^2/NDF : 155874.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 389693.1/13

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 110.407+/-49.947 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.002+/-44.429 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

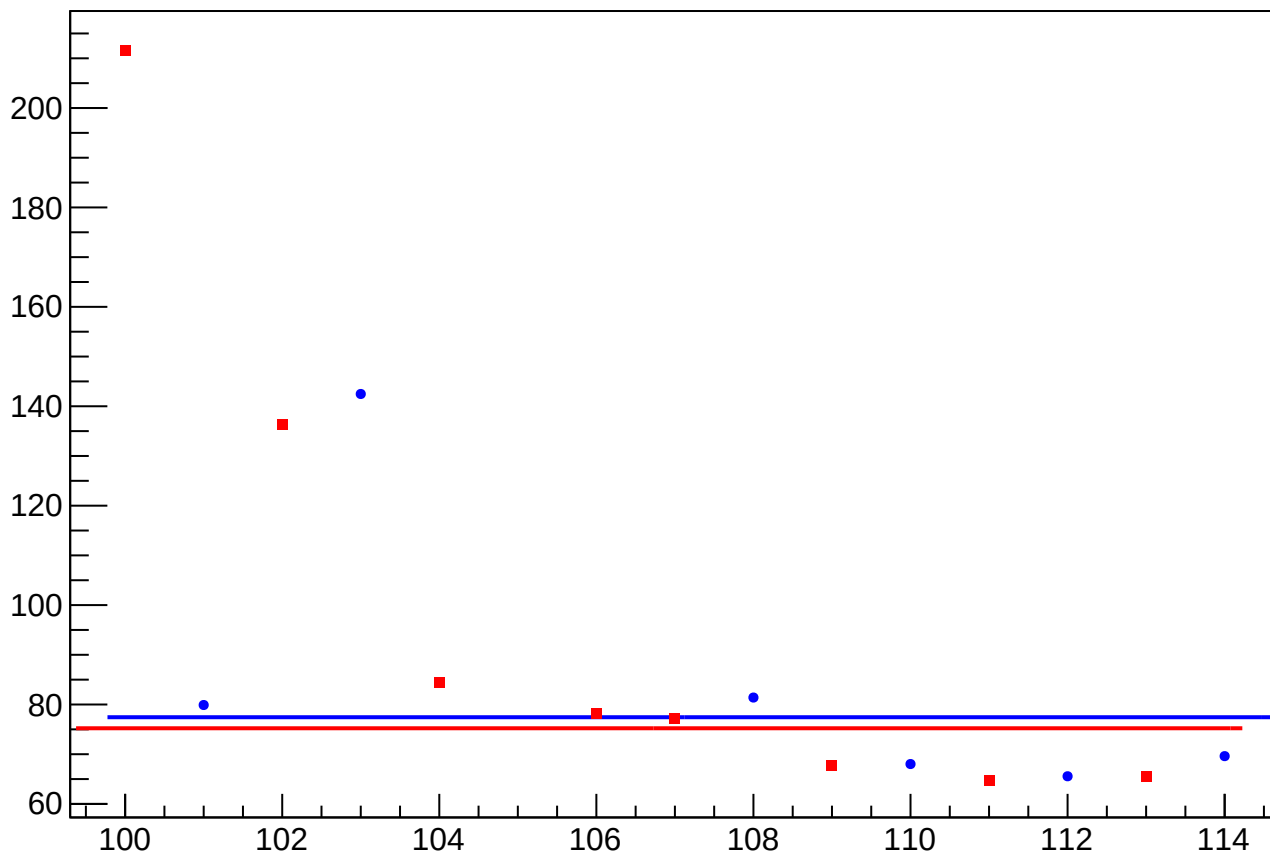
Right: 112.414+/-33.196 χ^2/NDF : 11.0/13

In: 110.407+/-49.947 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.414+/-33.196 χ^2/NDF : 11.0/13

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

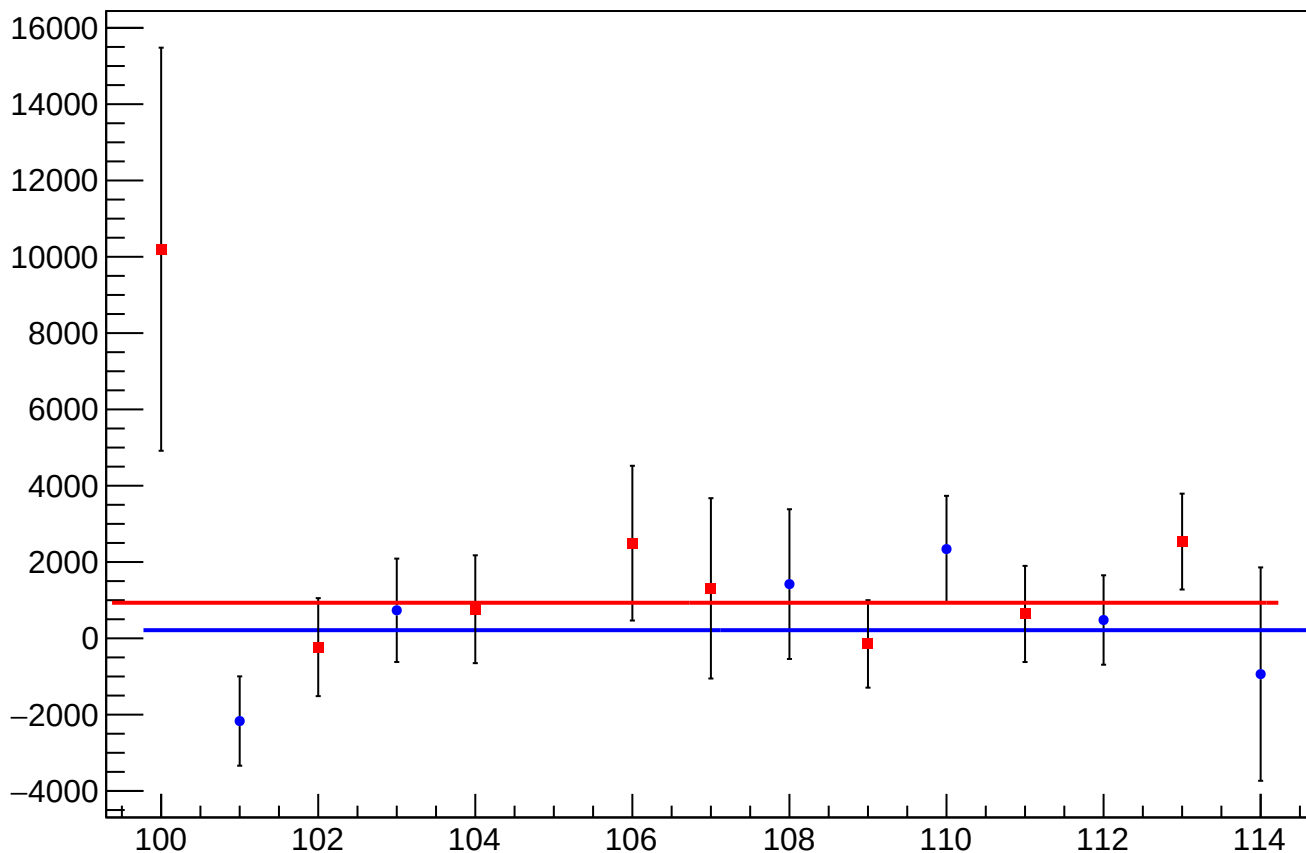
Right: 76.201+/-0.023 χ^2/NDF : 671217.6/13

In: 77.441+/-0.035 χ^2/NDF : 291659.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.201+/-0.023 χ^2/NDF : 671217.6/13

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

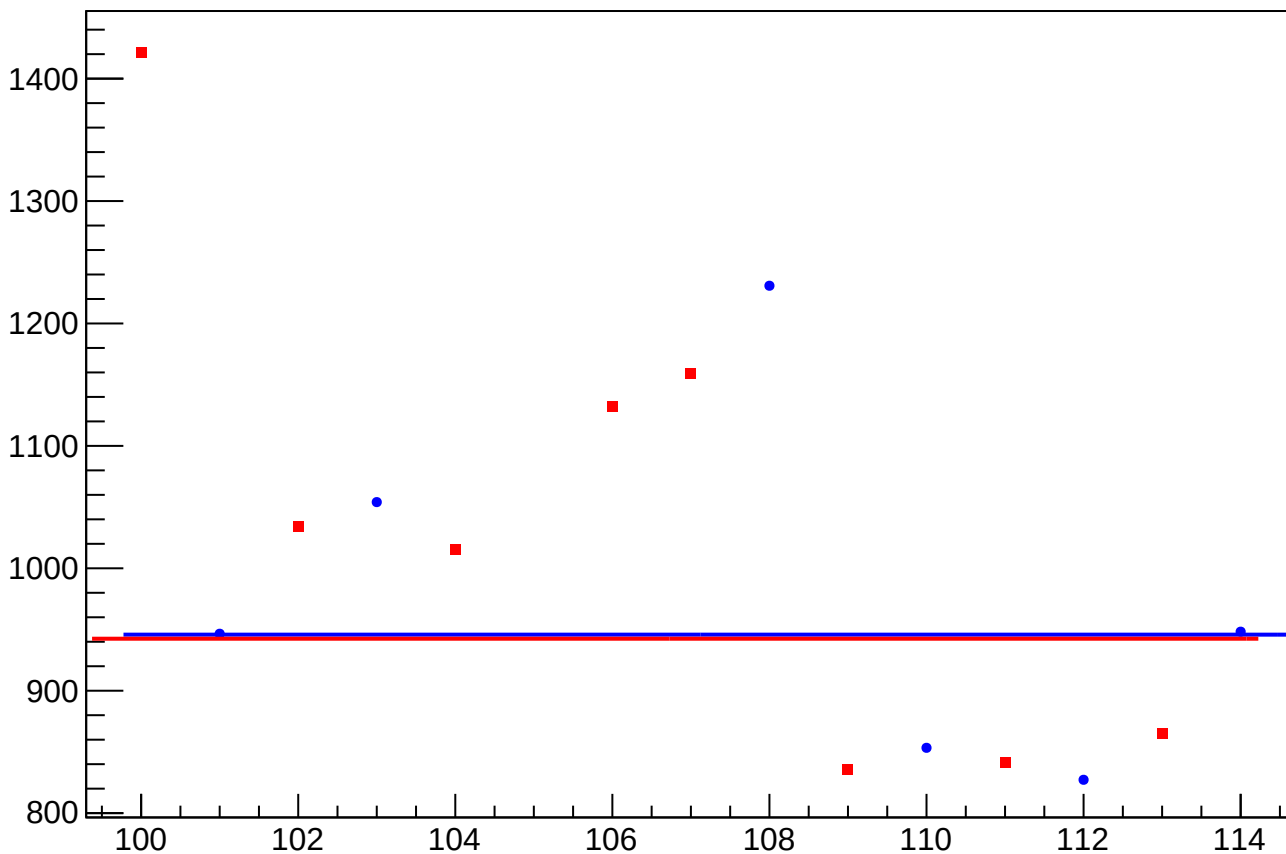
Right: 610.989 $\pm$ 392.456 χ^2 /NDF: 15.1/13

In: 213.542 $\pm$ 586.832 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 610.989 $\pm$ 392.456 χ^2 /NDF: 15.1/13

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 945.803+/-0.415 χ^2/NDF : 84224.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.486+/-0.373 χ^2/NDF : 104130.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

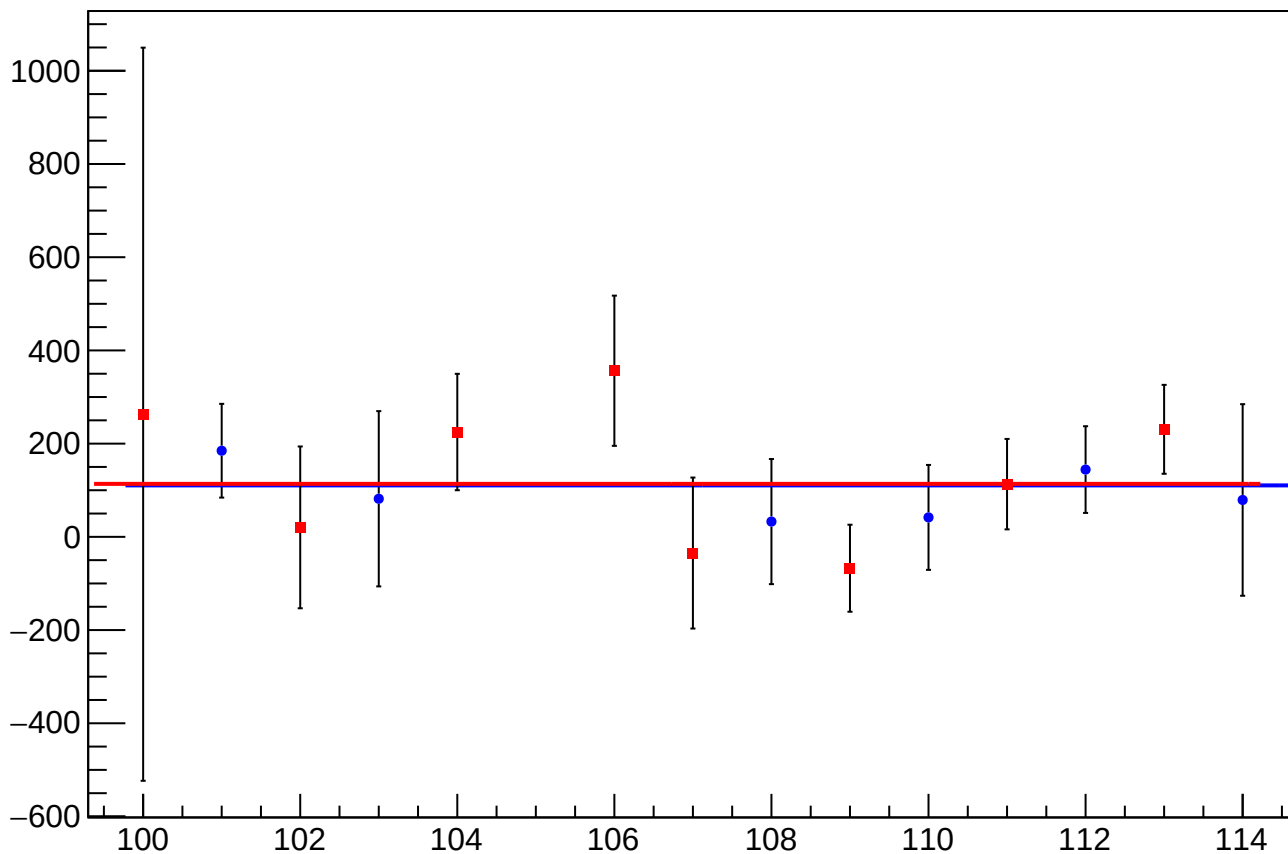
Right: 943.970+/-0.278 χ^2/NDF : 188389.9/13

In: 945.803+/-0.415 χ^2/NDF : 84224.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.970+/-0.278 χ^2/NDF : 188389.9/13

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 110.396+/-49.947 χ^2/NDF : 1.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.668+/-44.434 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

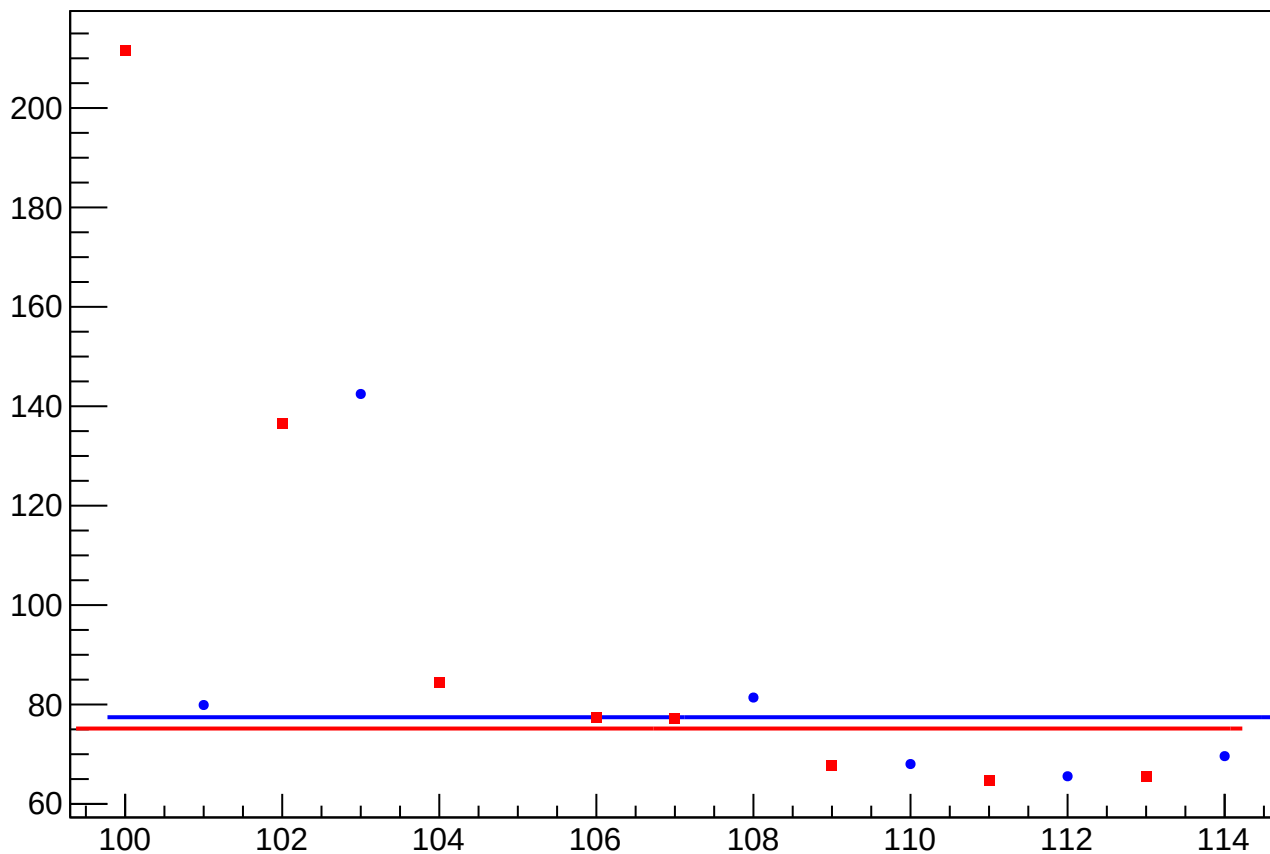
Right: 112.222+/-33.198 χ^2/NDF : 10.9/13

In: 110.396+/-49.947 χ^2/NDF : 1.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.222+/-33.198 χ^2/NDF : 10.9/13

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.441+/-0.035 χ^2/NDF : 291662.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.167+/-0.031 χ^2/NDF : 377346.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

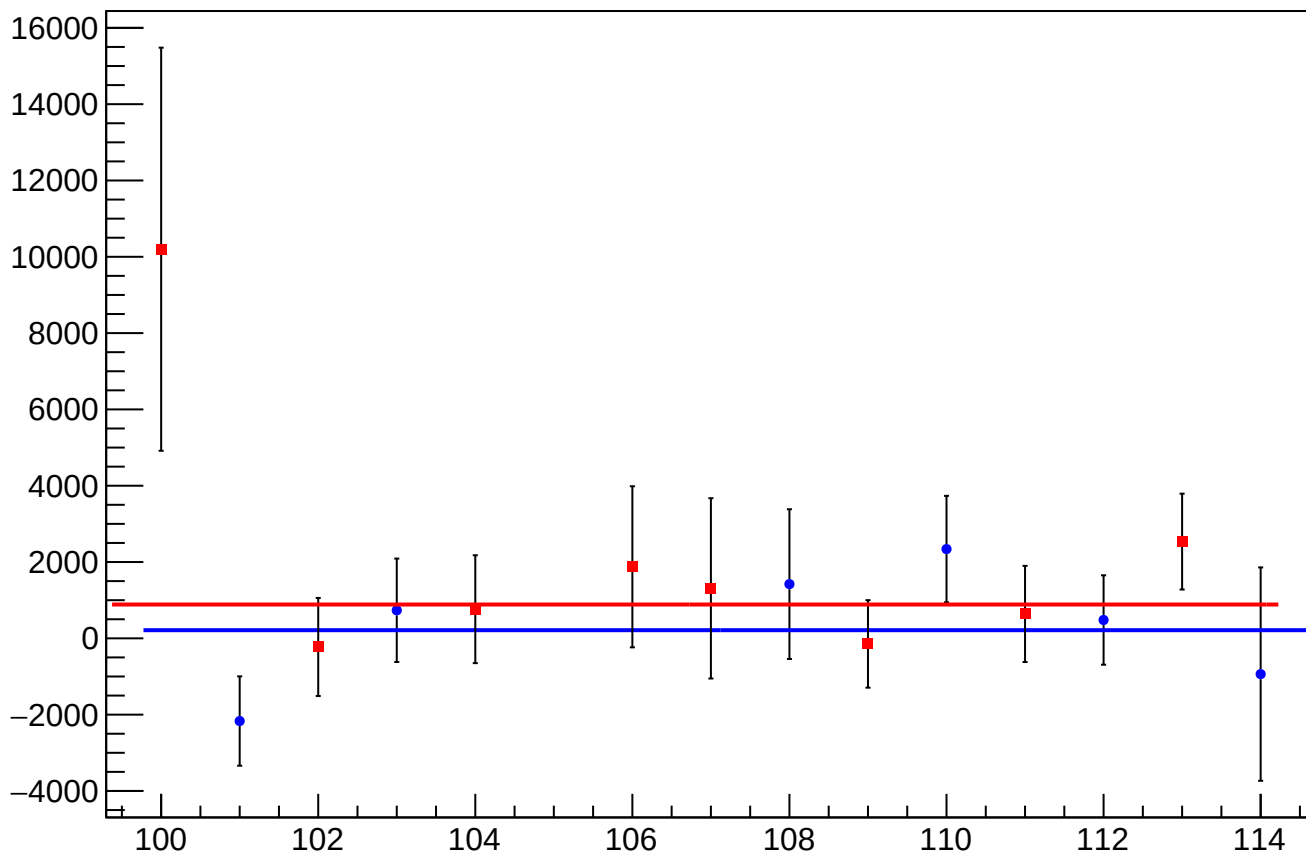
Right: 76.171+/-0.023 χ^2/NDF : 671323.3/13

In: 77.441+/-0.035 χ^2/NDF : 291662.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.171+/-0.023 χ^2/NDF : 671323.3/13

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

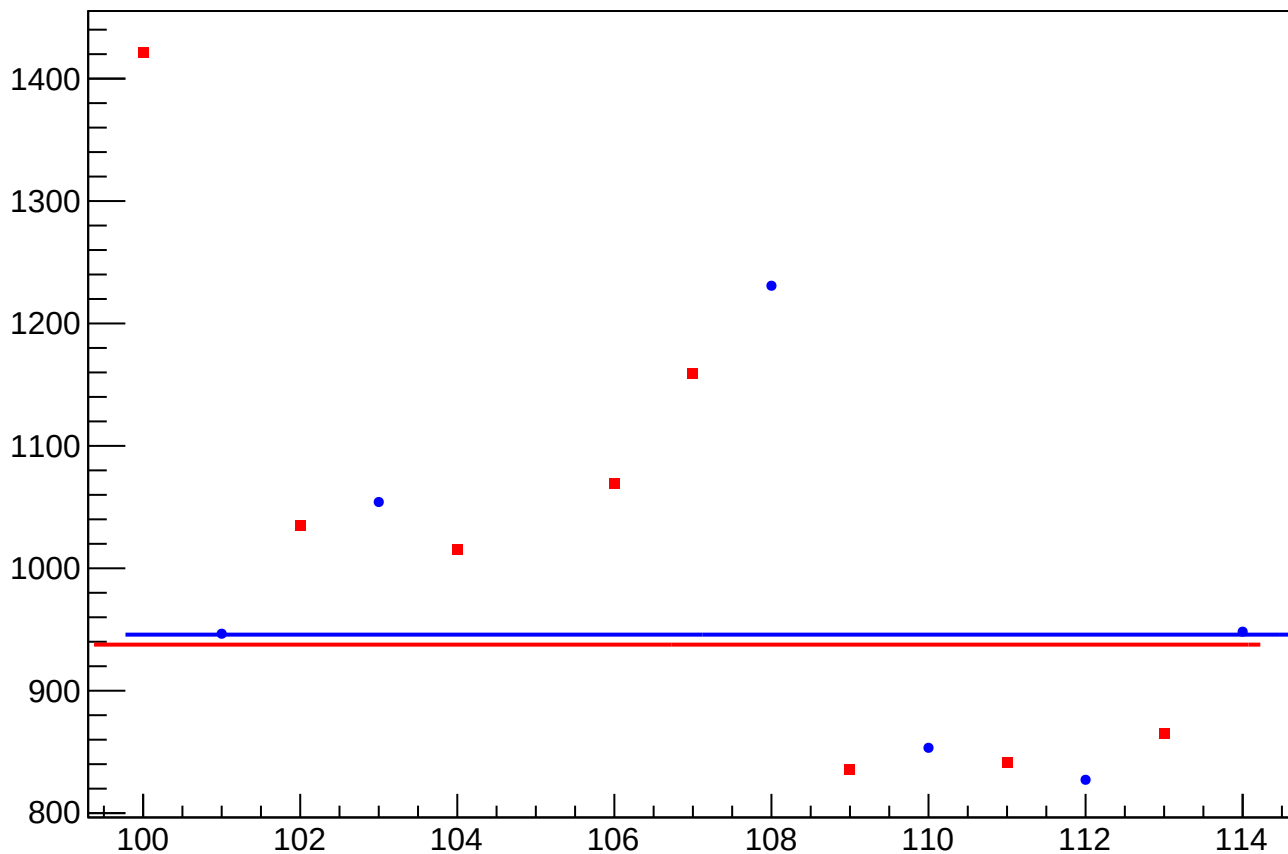
Right: 584.663 $\pm$ 393.057 χ^2 /NDF: 14.6/13

In: 213.637 $\pm$ 586.841 χ^2 /NDF:7.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 584.663 $\pm$ 393.057 χ^2 /NDF: 14.6/13

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

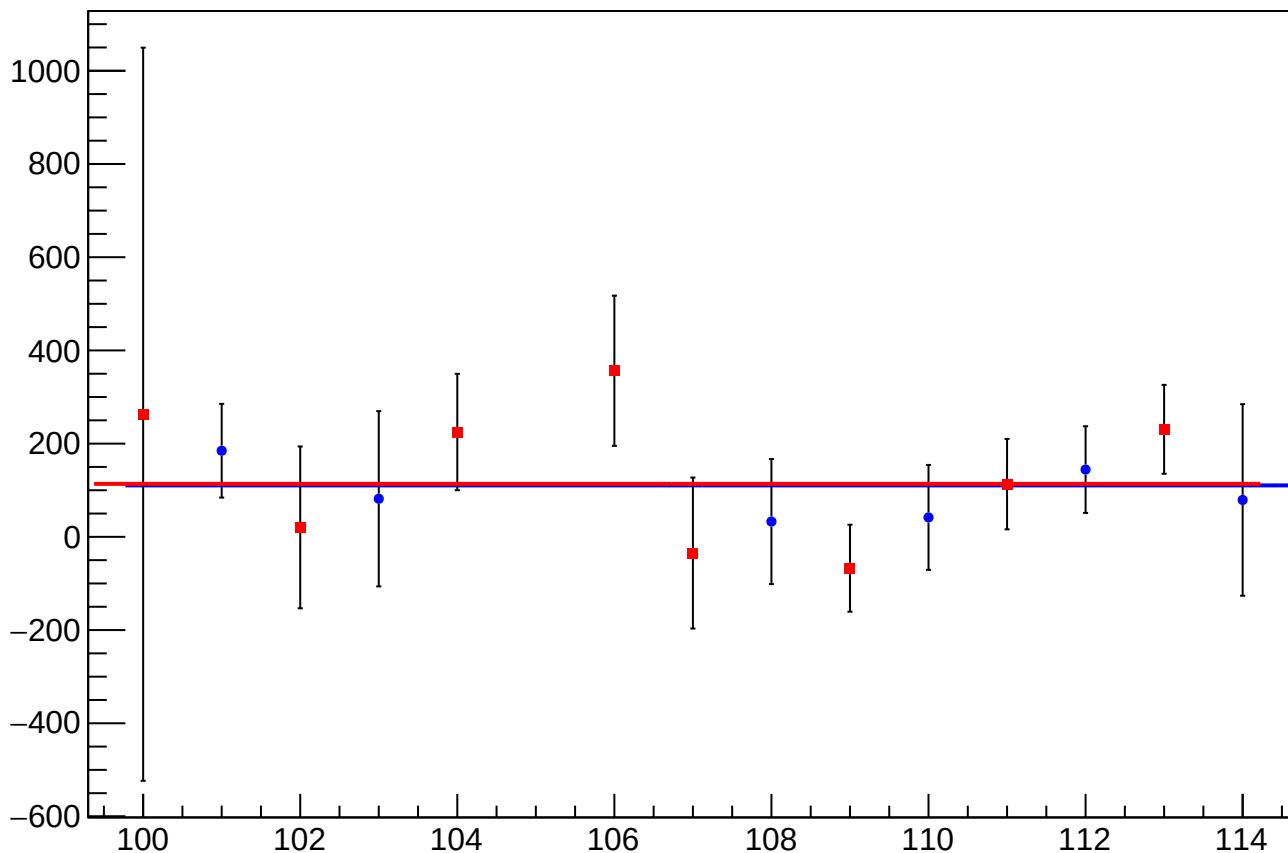
Right: 941.313+/-0.278 χ^2/NDF : 178316.2/13

In: 945.816+/-0.415 χ^2/NDF : 84241.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.313+/-0.278 χ^2/NDF : 178316.2/13

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

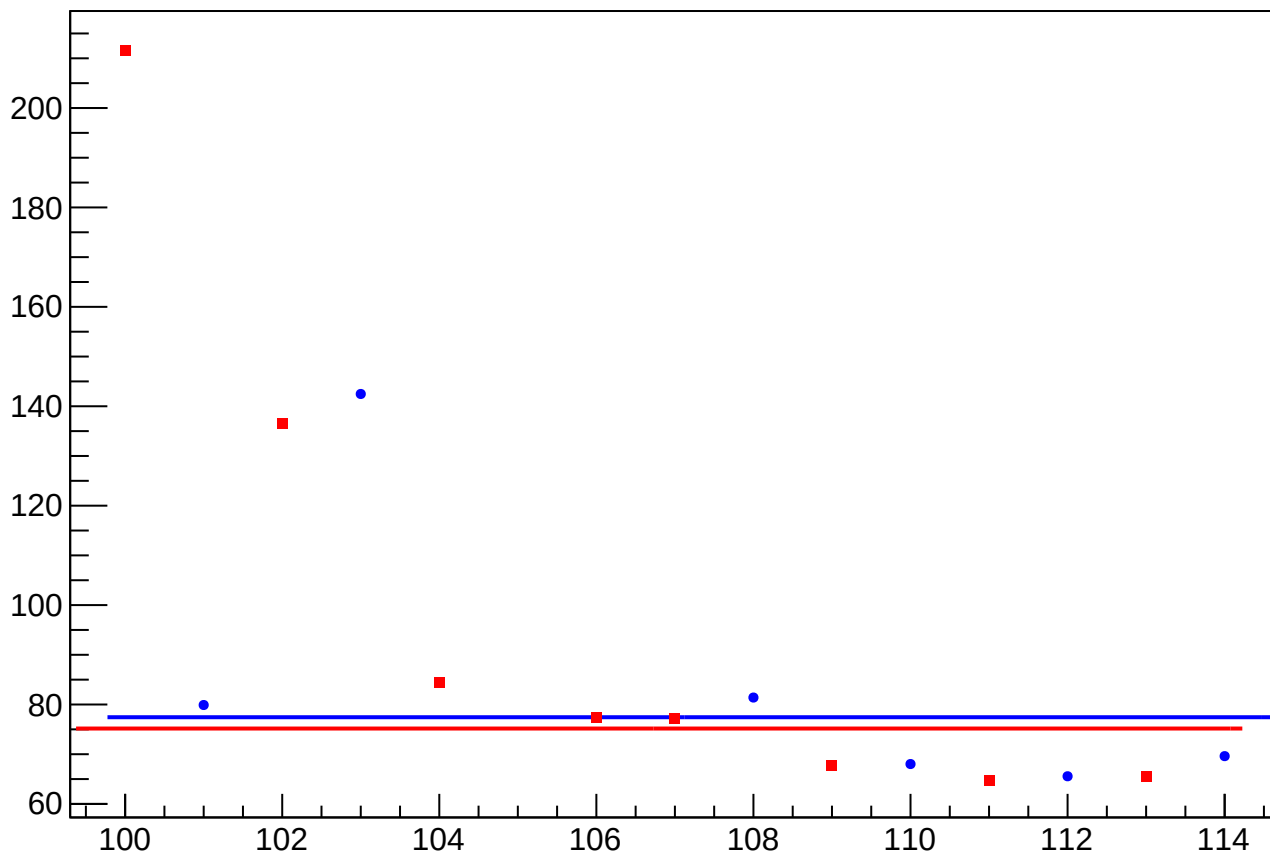
Right: 112.222 $\pm$ 33.198 χ^2 /NDF: 10.9/13

In: 110.396 $\pm$ 49.947 χ^2 /NDF:1.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.222 $\pm$ 33.198 χ^2 /NDF: 10.9/13

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.441+/-0.035 χ^2/NDF : 291662.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.167+/-0.031 χ^2/NDF : 377346.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

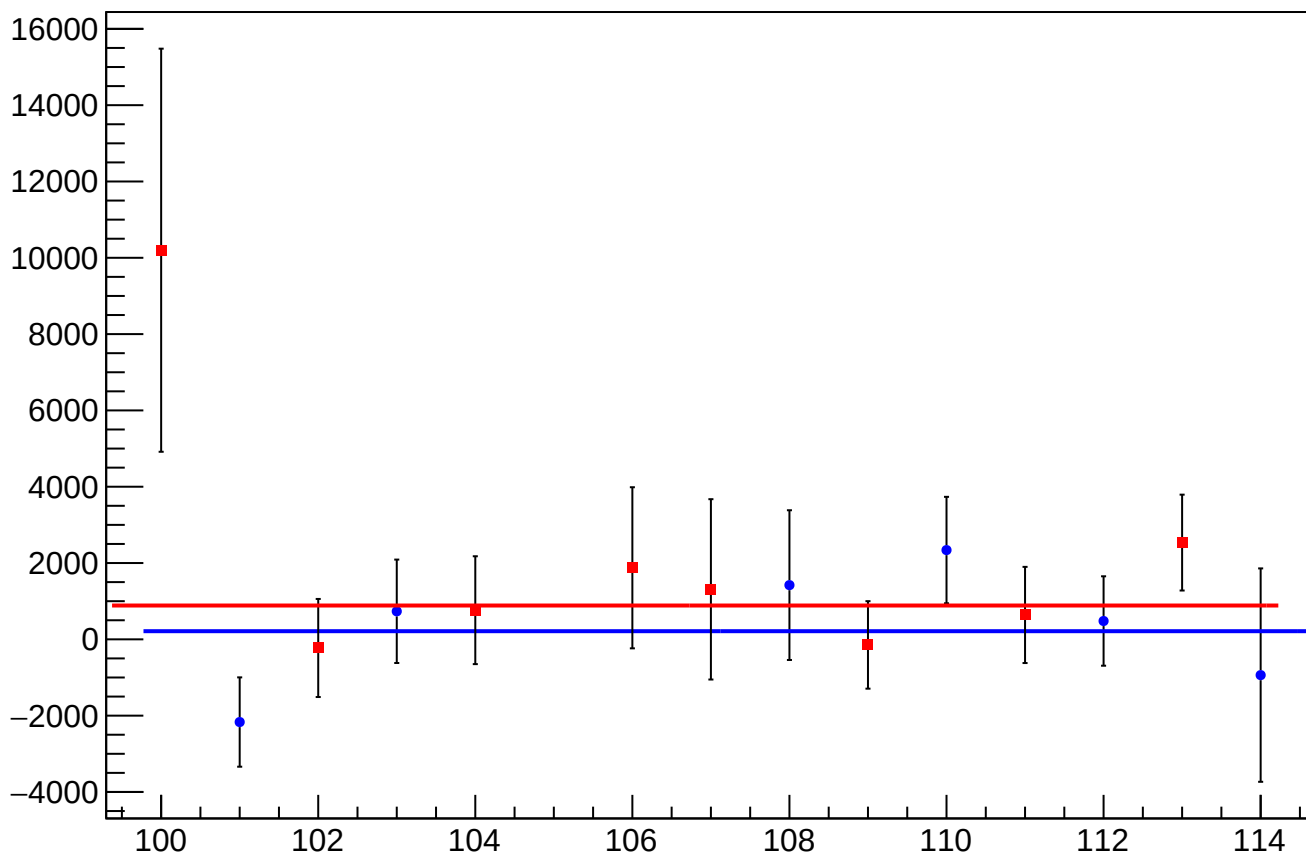
Right: 76.171+/-0.023 χ^2/NDF : 671323.3/13

In: 77.441+/-0.035 χ^2/NDF : 291662.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.171+/-0.023 χ^2/NDF : 671323.3/13

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 213.637+/-586.841 χ^2/NDF : 7.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.532+/-529.331 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

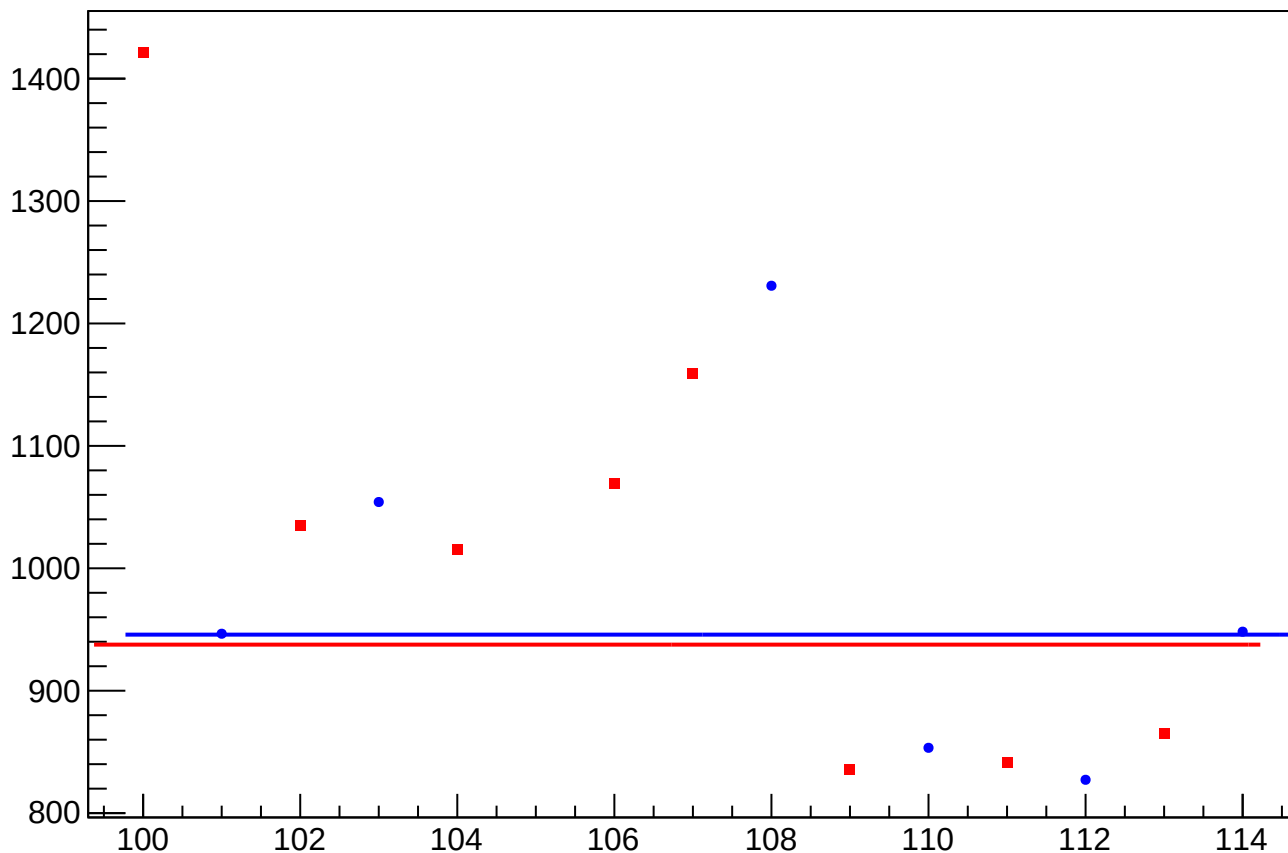
Right: 584.663+/-393.057 χ^2/NDF : 14.6/13

In: 213.637+/-586.841 χ^2/NDF : 7.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.663+/-393.057 χ^2/NDF : 14.6/13

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

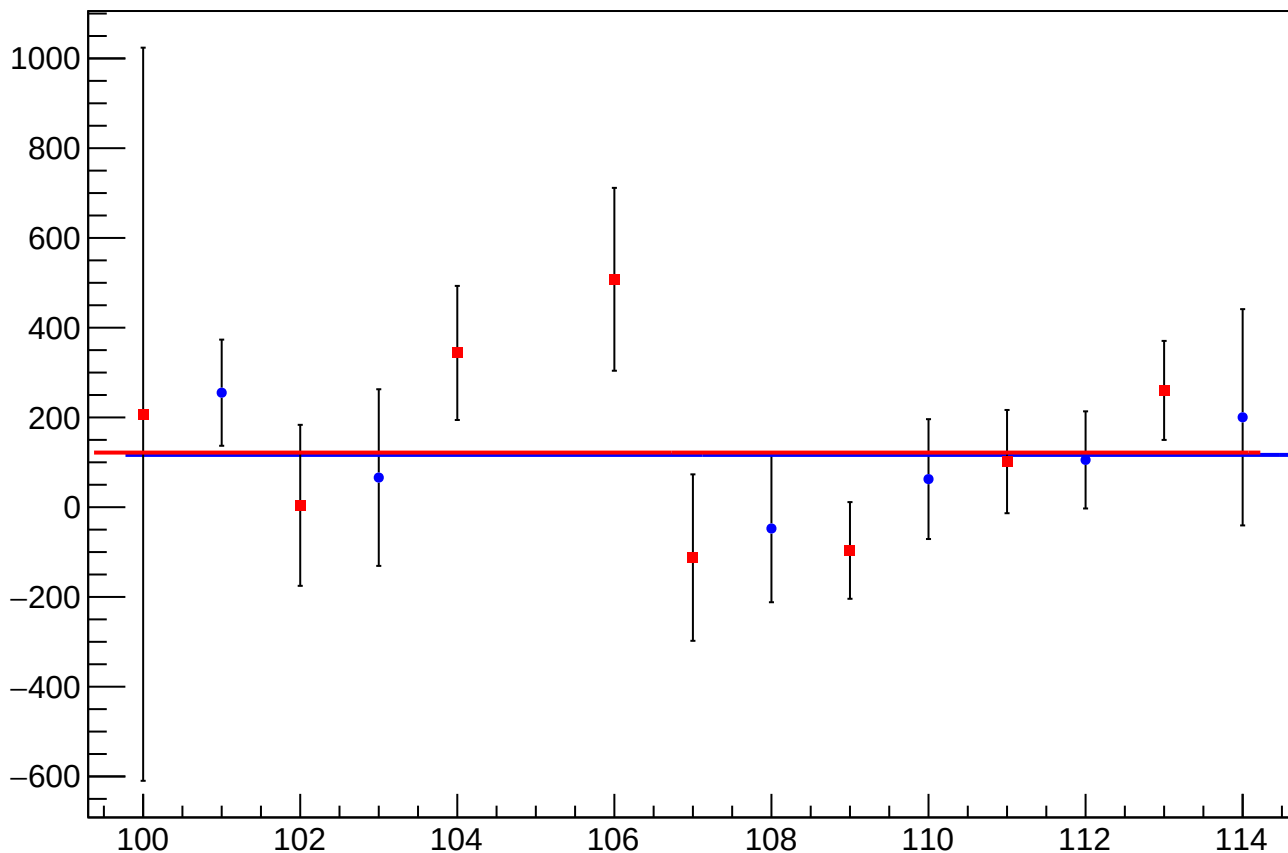
Right: 941.313+/-0.278 χ^2/NDF : 178316.2/13

In: 945.816+/-0.415 χ^2/NDF : 84241.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.313+/-0.278 χ^2/NDF : 178316.2/13

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

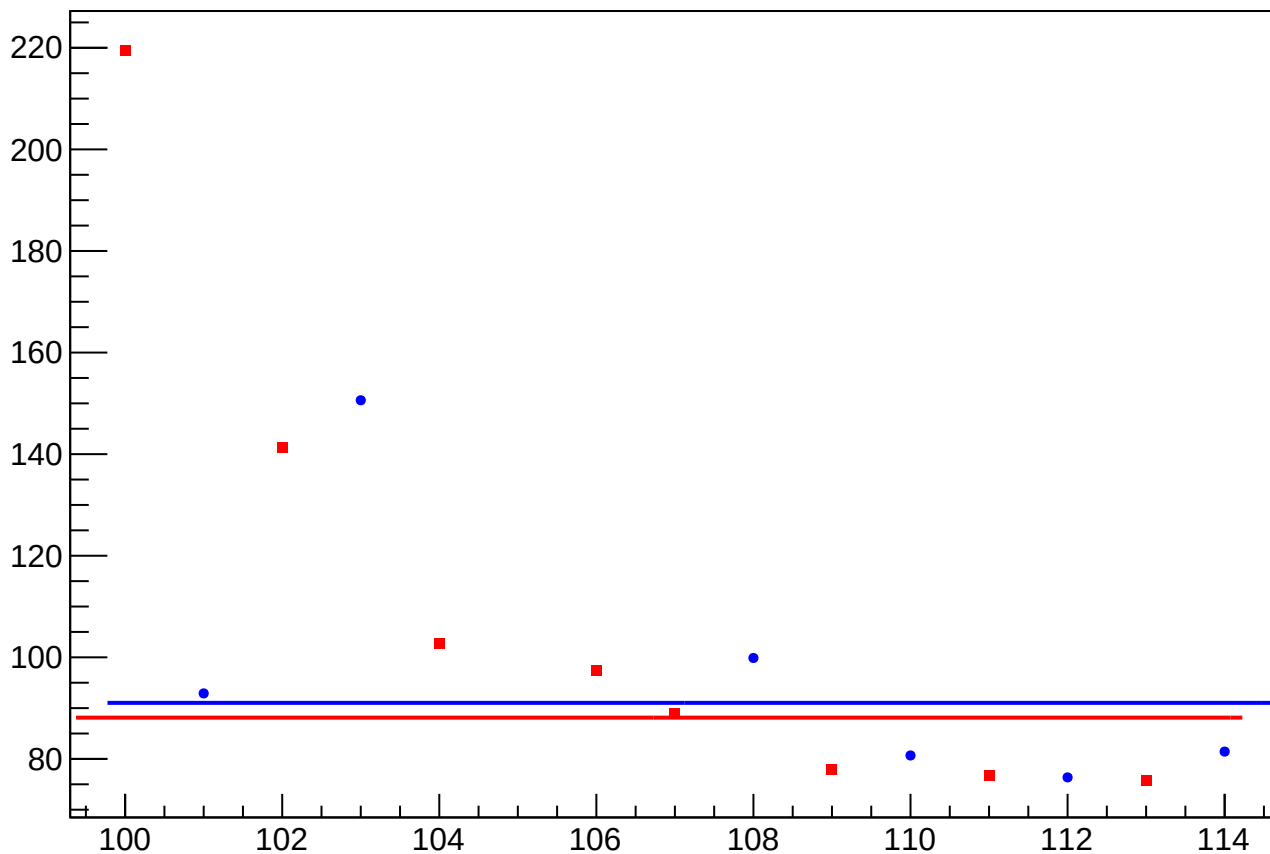
Right: 119.429 $\pm$ 38.709 χ^2 /NDF: 16.3/13

In: 116.529 $\pm$ 58.423 χ^2 /NDF:2.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.429 $\pm$ 38.709 χ^2 /NDF: 16.3/13

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 91.035+/-0.041 χ^2/NDF : 241493.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 88.129+/-0.037 χ^2/NDF : 313212.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

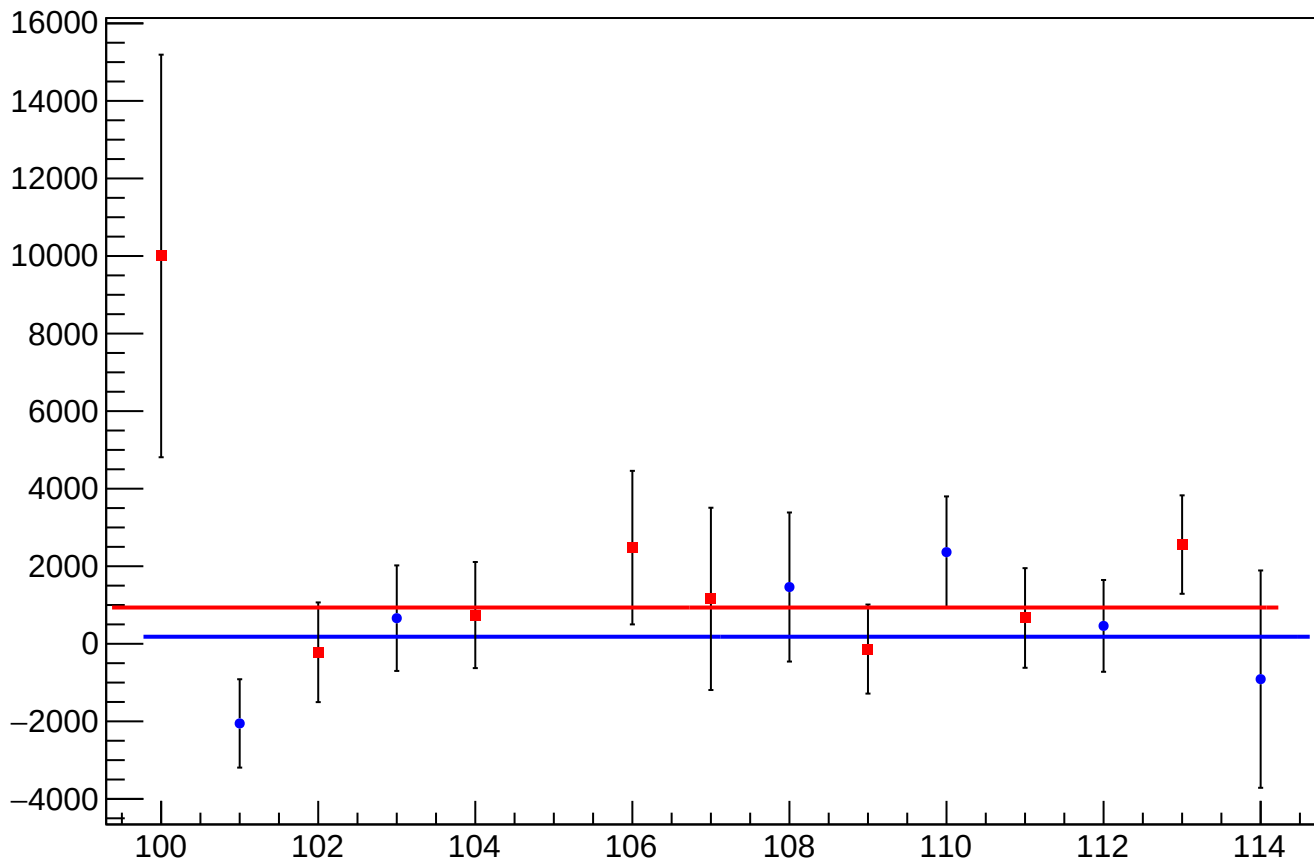
Right: 89.405+/-0.027 χ^2/NDF : 557483.1/13

In: 91.035+/-0.041 χ^2/NDF :241493.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 89.405+/-0.027 χ^2/NDF : 557483.1/13

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 182.268+/-586.553 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.433+/-527.207 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

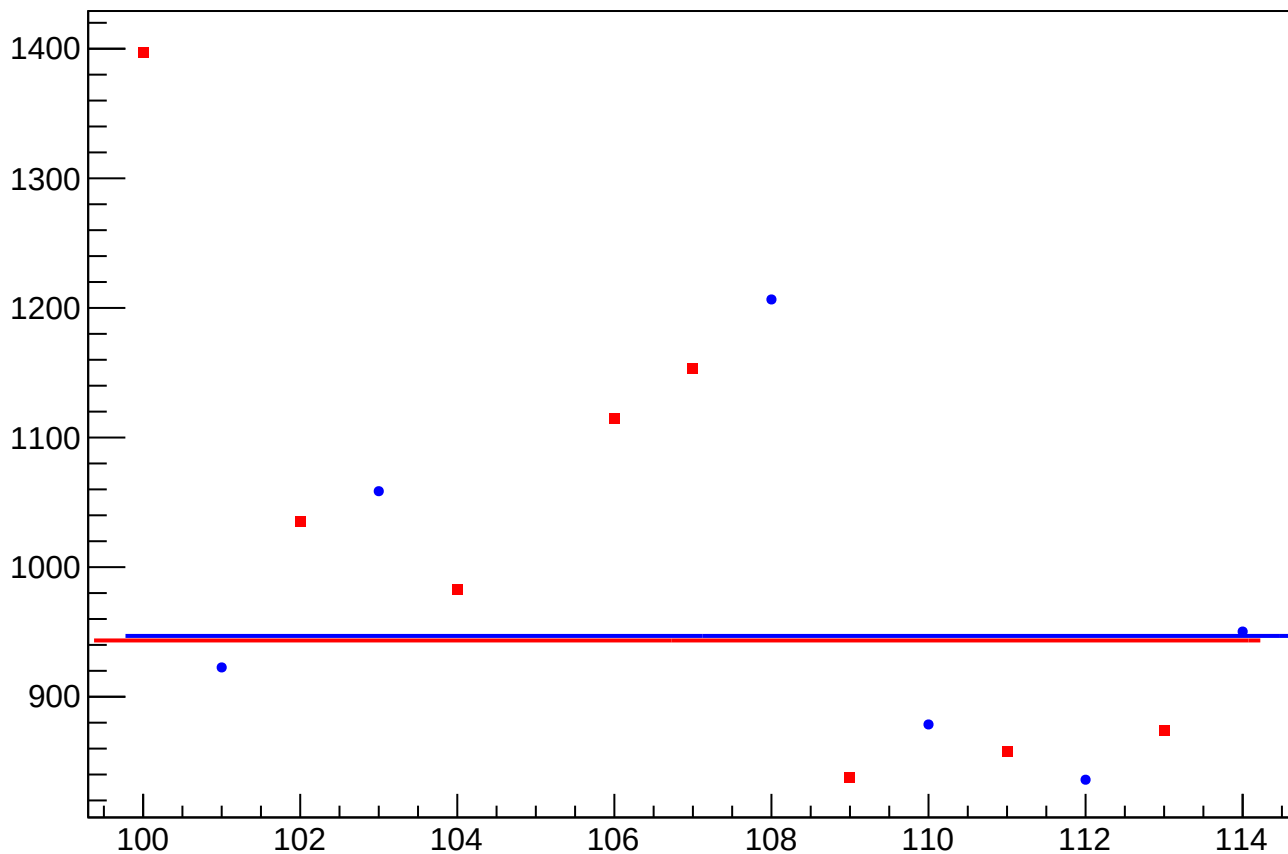
Right: 598.868+/-392.099 χ^2/NDF : 14.9/13

In: 182.268+/-586.553 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.868+/-392.099 χ^2/NDF : 14.9/13

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.939+/-0.415 χ^2/NDF : 72957.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.437+/-0.373 χ^2/NDF : 89789.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

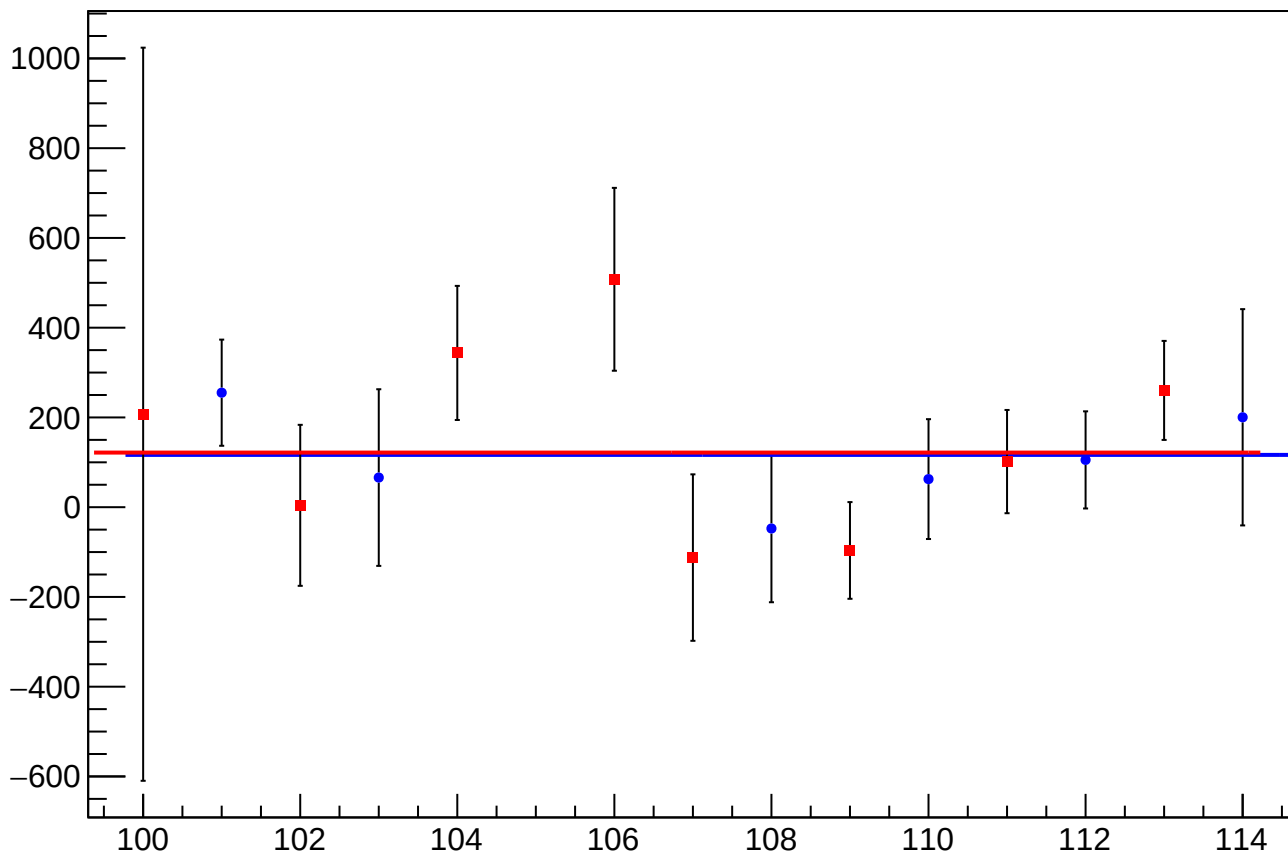
Right: 945.002+/-0.277 χ^2/NDF : 162786.3/13

In: 946.939+/-0.415 χ^2/NDF : 72957.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.002+/-0.277 χ^2/NDF : 162786.3/13

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 116.524+/-58.423 χ^2/NDF : 2.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.695+/-51.679 χ^2/NDF : 13.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

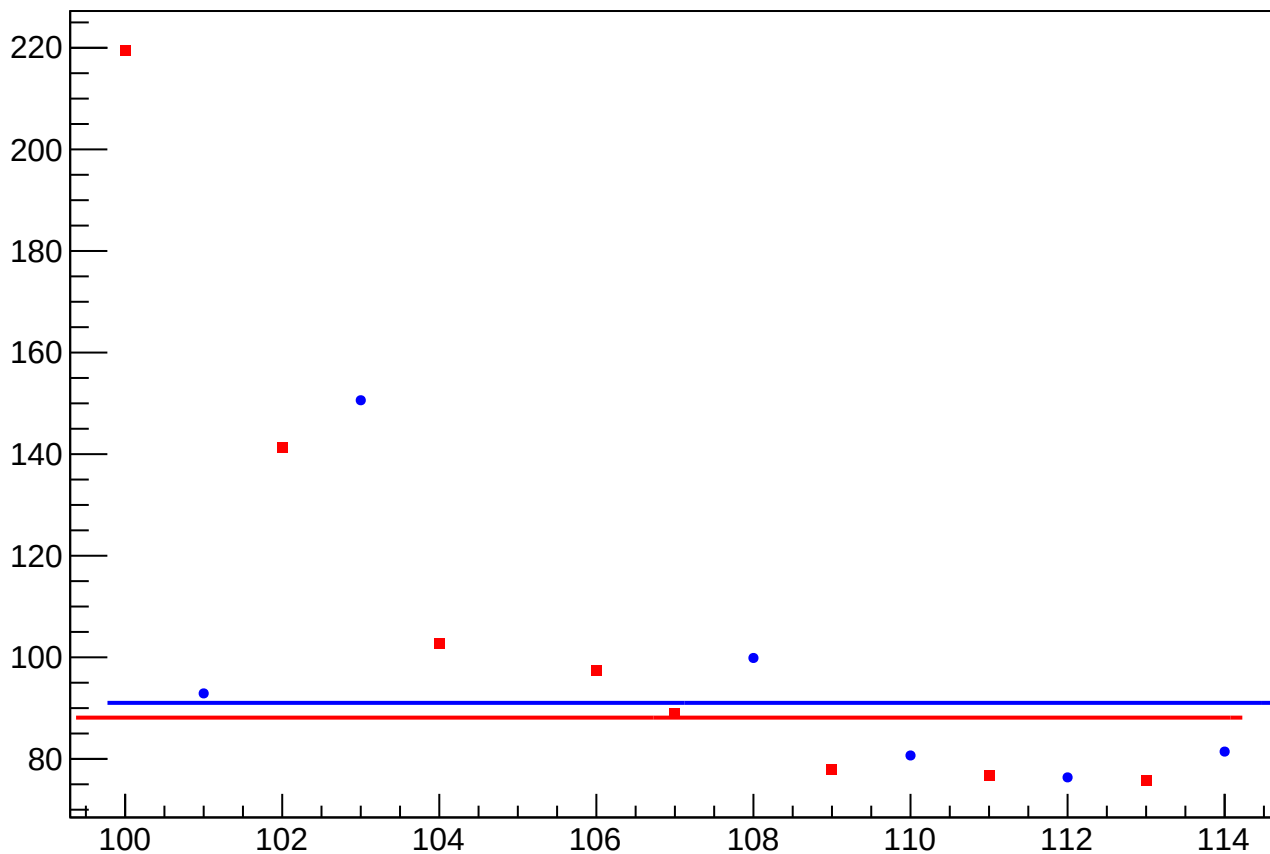
Right: 119.425+/-38.708 χ^2/NDF : 16.3/13

In: 116.524+/-58.423 χ^2/NDF : 2.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.425+/-38.708 χ^2/NDF : 16.3/13

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 91.035+/-0.041 χ^2/NDF : 241500.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.128+/-0.037 χ^2/NDF : 313222.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

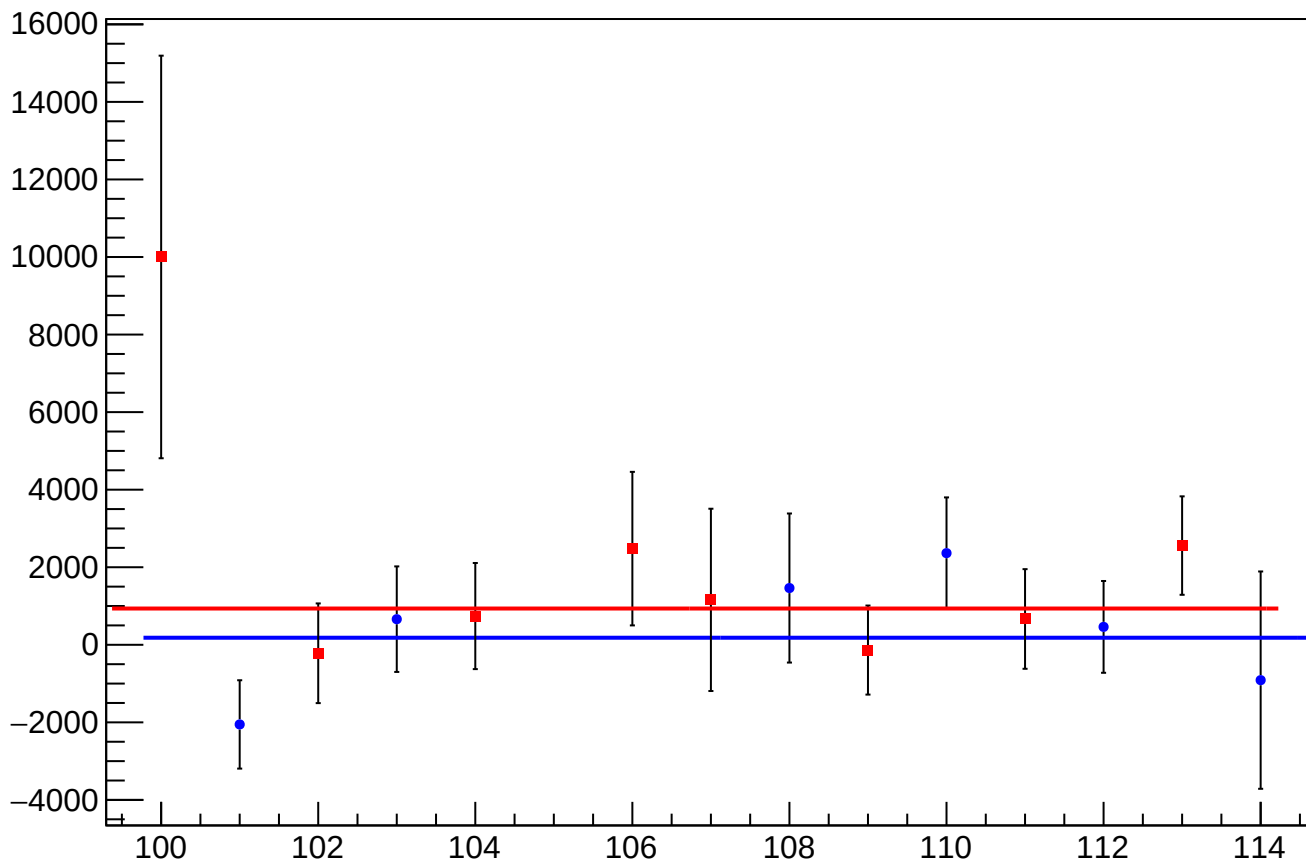
Right: 89.404+/-0.027 χ^2/NDF : 557499.8/13

In: 91.035+/-0.041 χ^2/NDF : 241500.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.404+/-0.027 χ^2/NDF : 557499.8/13

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 182.268+/-586.550 χ^2/NDF : 6.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.431+/-527.205 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

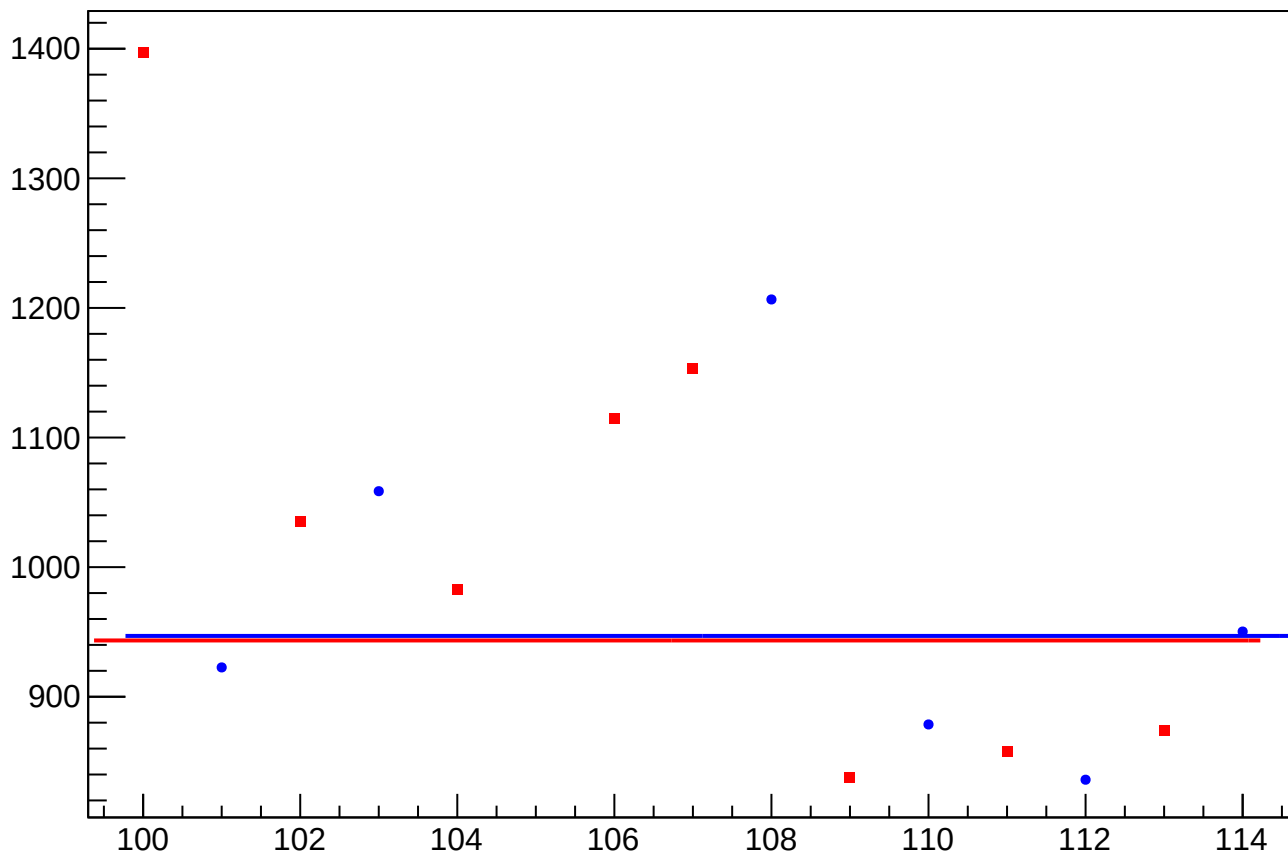
Right: 598.867+/-392.098 χ^2/NDF : 14.9/13

In: 182.268+/-586.550 χ^2/NDF : 6.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.867+/-392.098 χ^2/NDF : 14.9/13

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.935+/-0.415 χ^2/NDF : 72959.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.434+/-0.373 χ^2/NDF : 89791.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

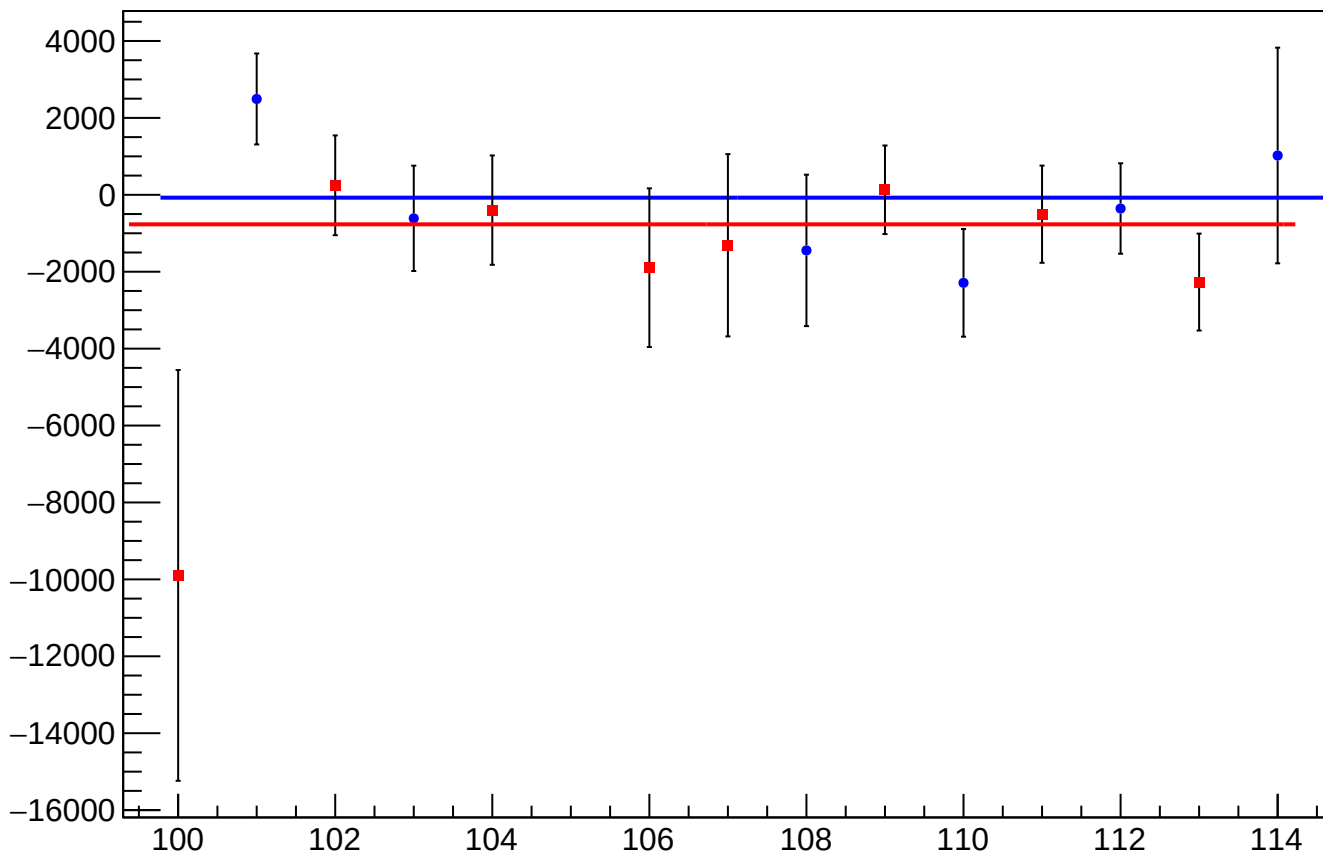
Right: 944.998+/-0.277 χ^2/NDF : 162789.7/13

In: 946.935+/-0.415 χ^2/NDF : 72959.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.998+/-0.277 χ^2/NDF : 162789.7/13

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

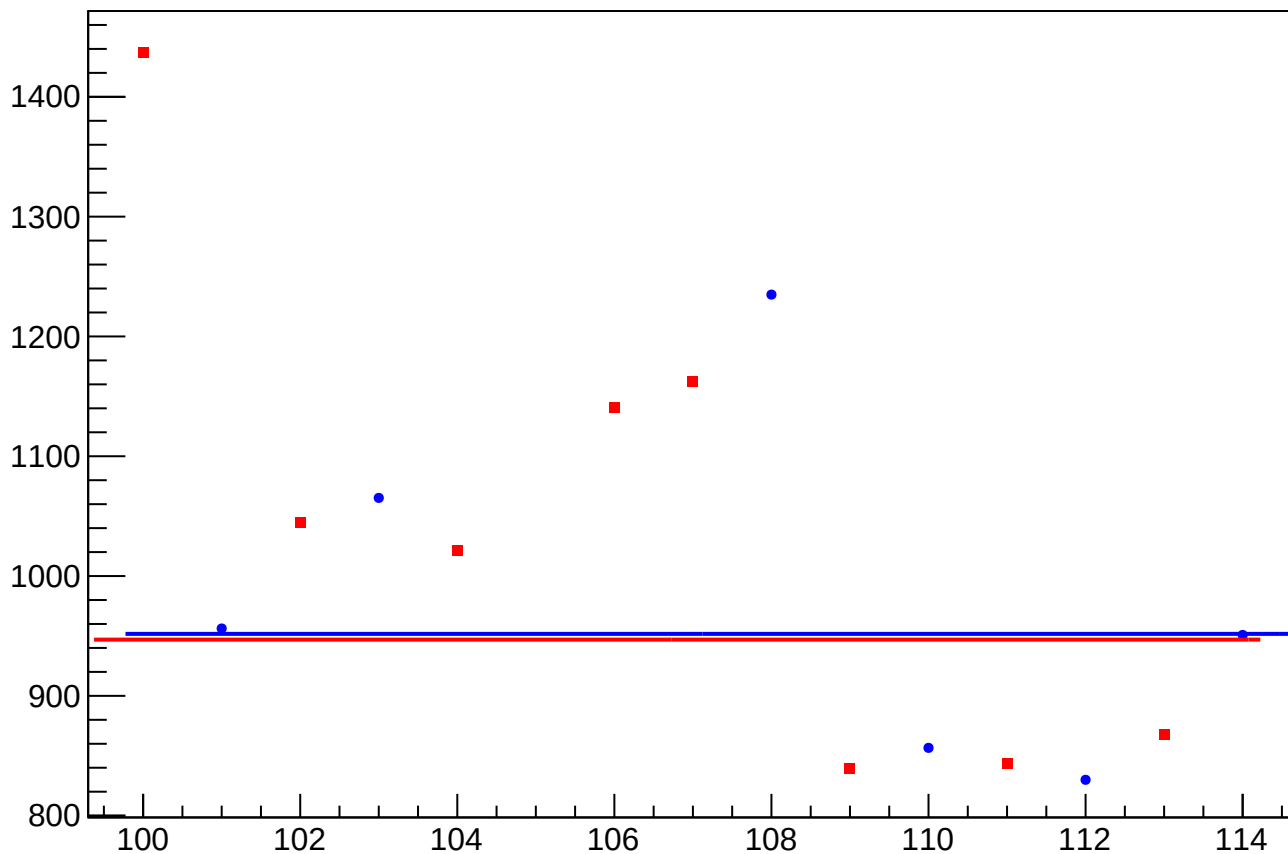
Right: -457.456+/-394.866 χ^2/NDF : 14.8/13

In: -74.157+/-590.614 χ^2/NDF : 8.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.456+/-394.866 χ^2/NDF : 14.8/13

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 951.739+/-0.418 χ^2/NDF : 85852.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.935+/-0.375 χ^2/NDF : 106450.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

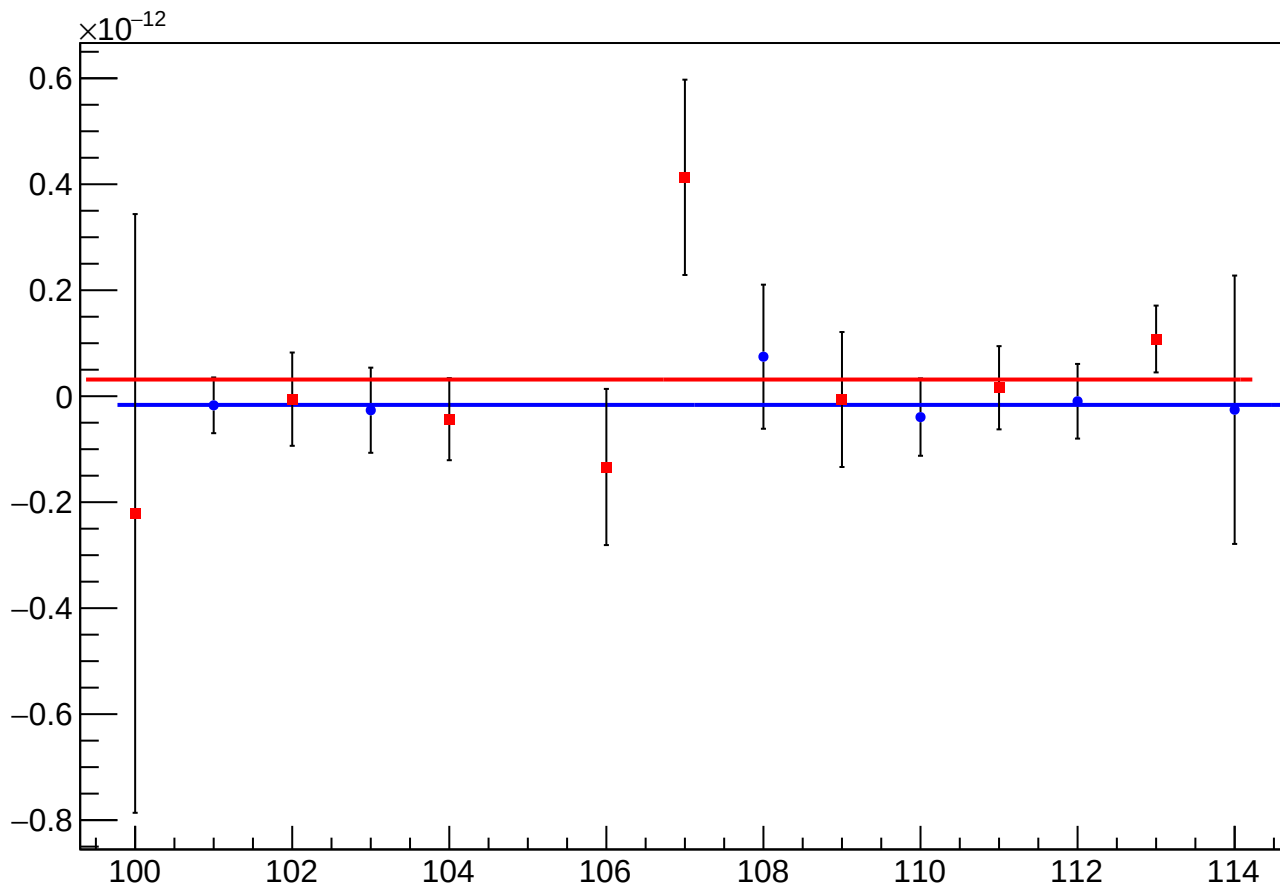
Right: 949.082+/-0.279 χ^2/NDF : 192376.7/13

In: 951.739+/-0.418 χ^2/NDF : 85852.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.082+/-0.279 χ^2/NDF : 192376.7/13

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

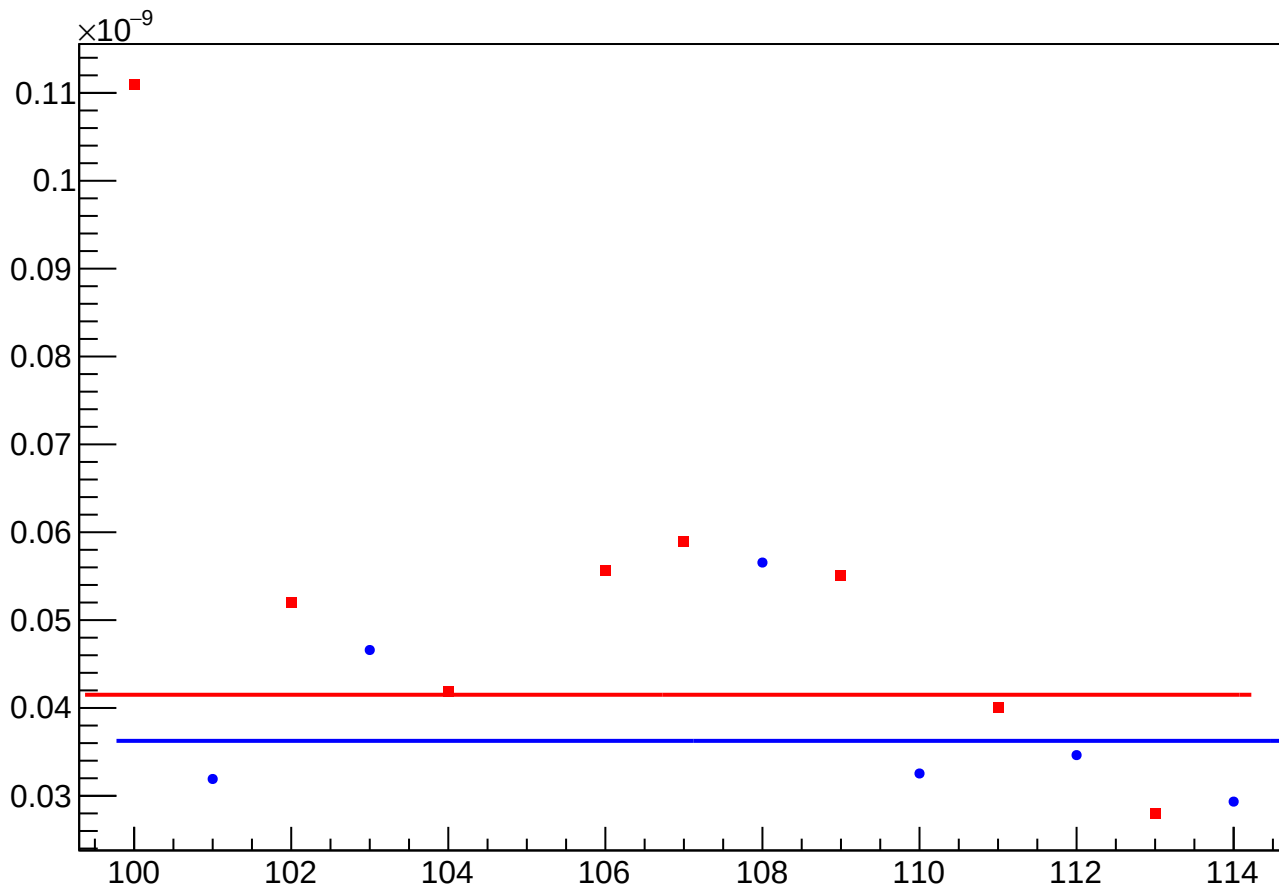
Right: 0.000+/-0.000 χ^2/NDF : 10.1/13

In: -0.000+/-0.000 χ^2/NDF : 0.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.1/13

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 99014.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 210308.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

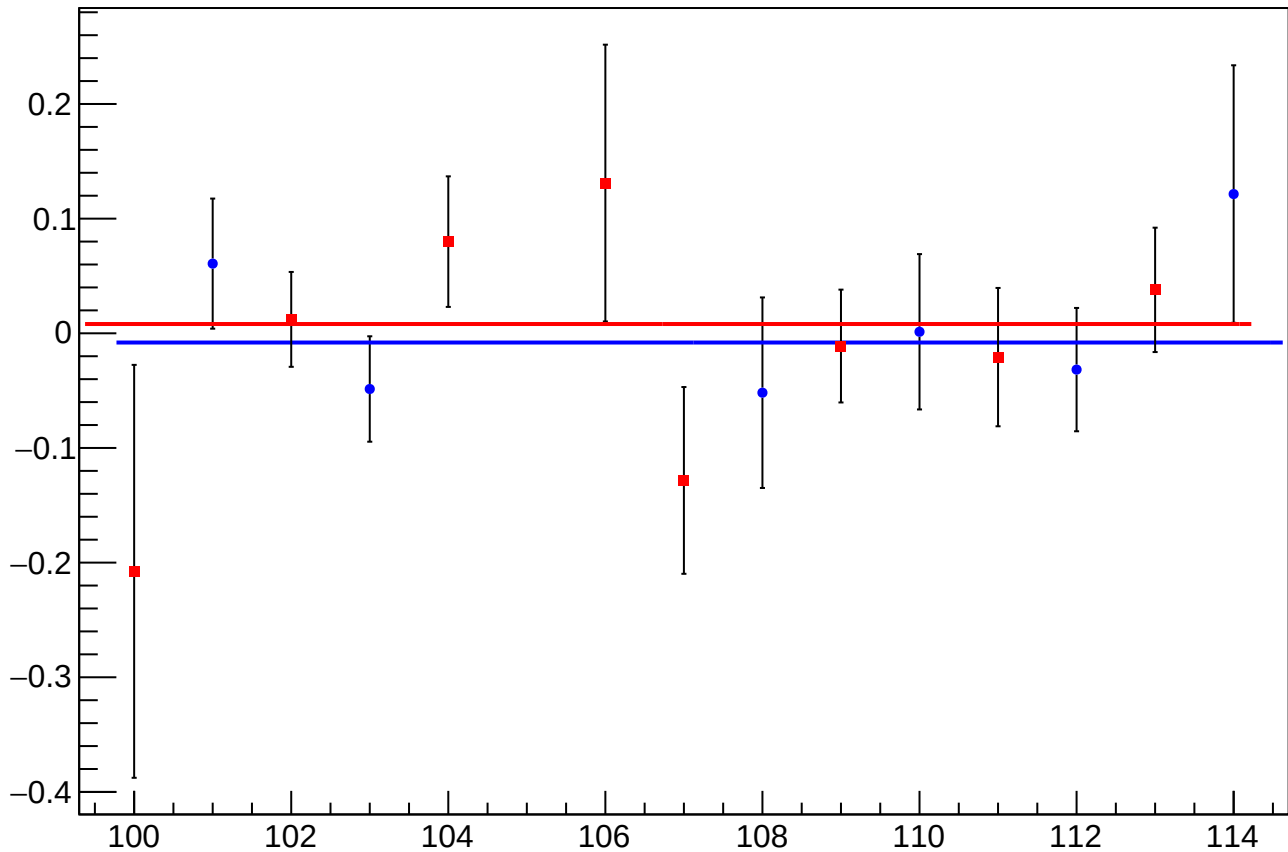
Right: 0.000+/-0.000 χ^2/NDF : 334319.8/13

In: 0.000+/-0.000 χ^2/NDF : 99014.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 334319.8/13

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

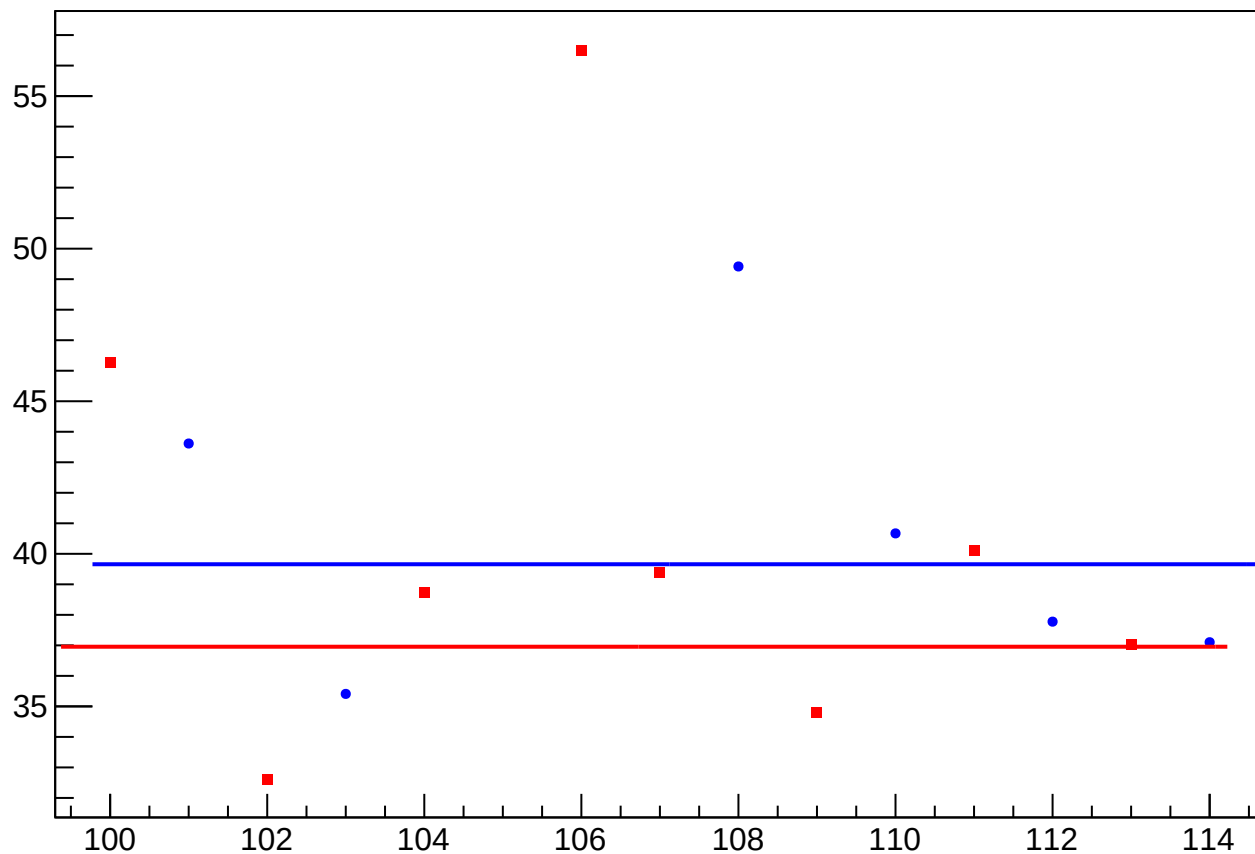
Right: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

In: -0.008 $\pm$ 0.025 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

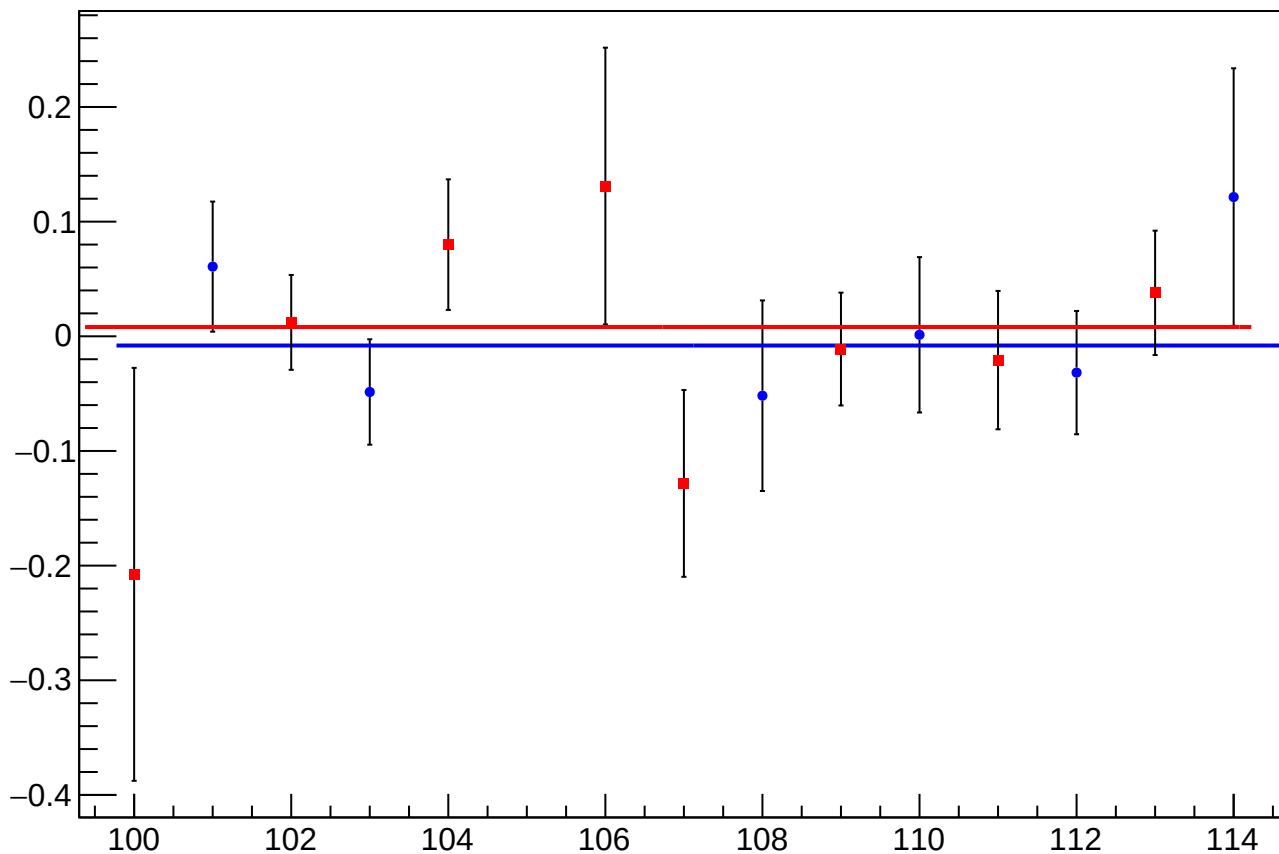
Right: 38.090 $\pm$ 0.012 χ^2 /NDF: 164723.7/13

In: 39.658 $\pm$ 0.018 χ^2 /NDF:58315.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.090 $\pm$ 0.012 χ^2 /NDF: 164723.7/13

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

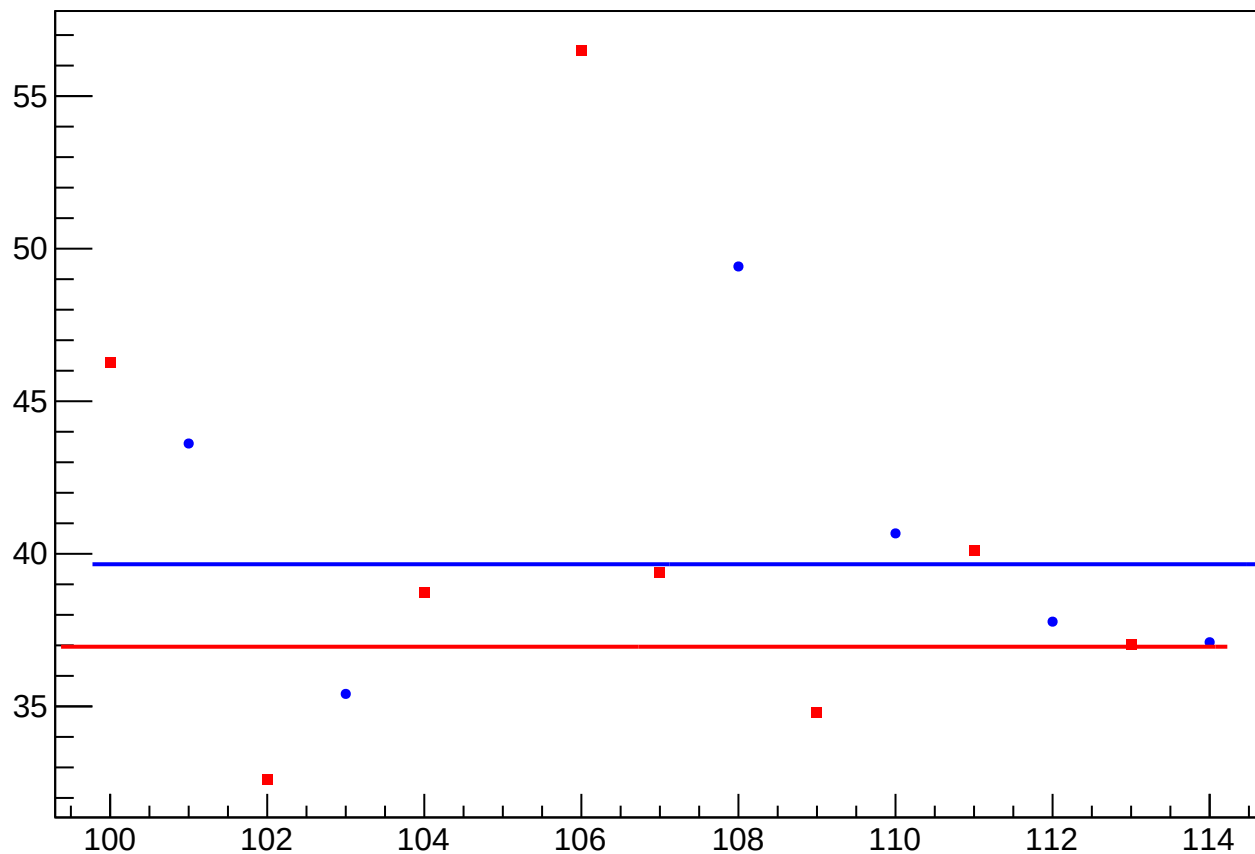
Right: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

In: -0.008 $\pm$ 0.025 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

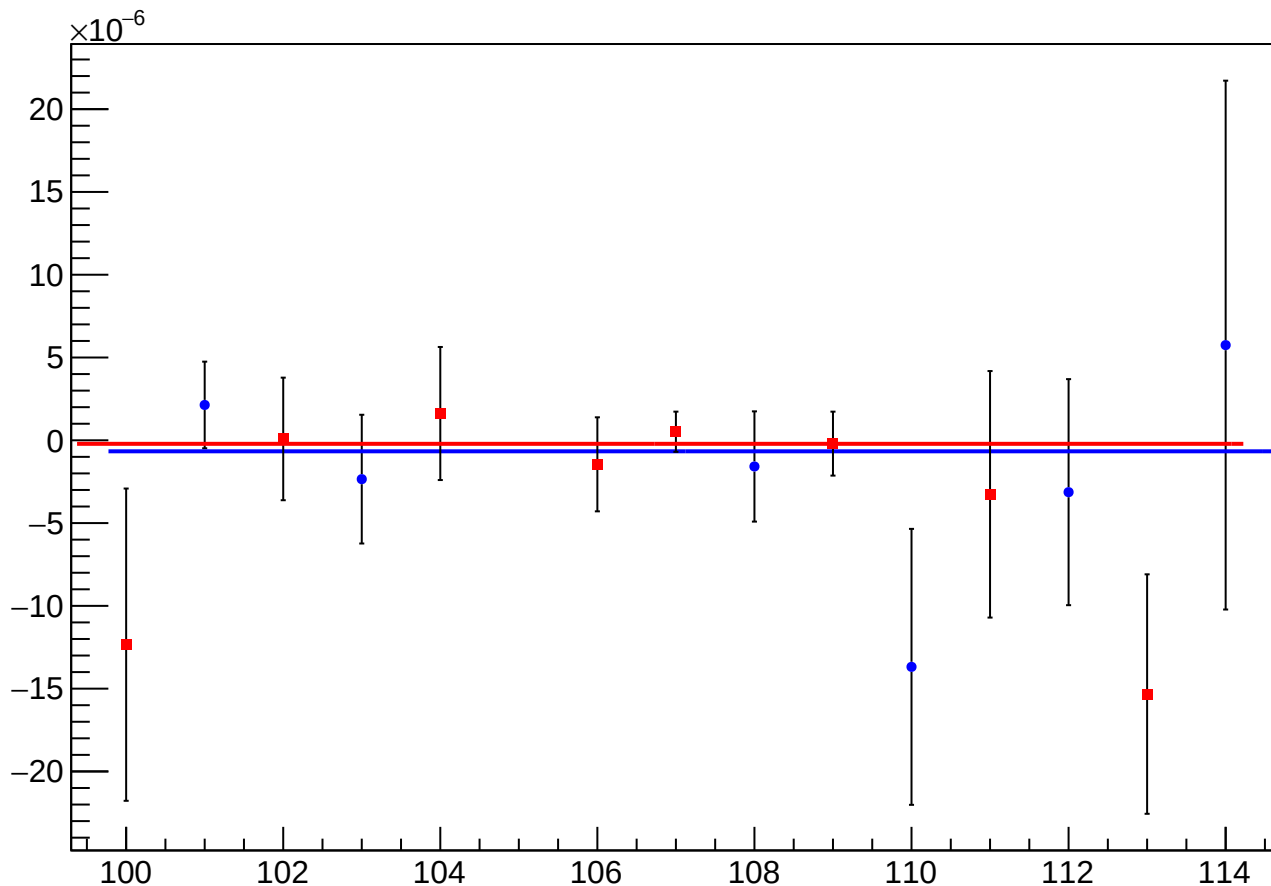
Right: 38.090 $\pm$ 0.012 χ^2 /NDF: 164723.7/13

In: 39.658 $\pm$ 0.018 χ^2 /NDF:58315.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.090 $\pm$ 0.012 χ^2 /NDF: 164723.7/13

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

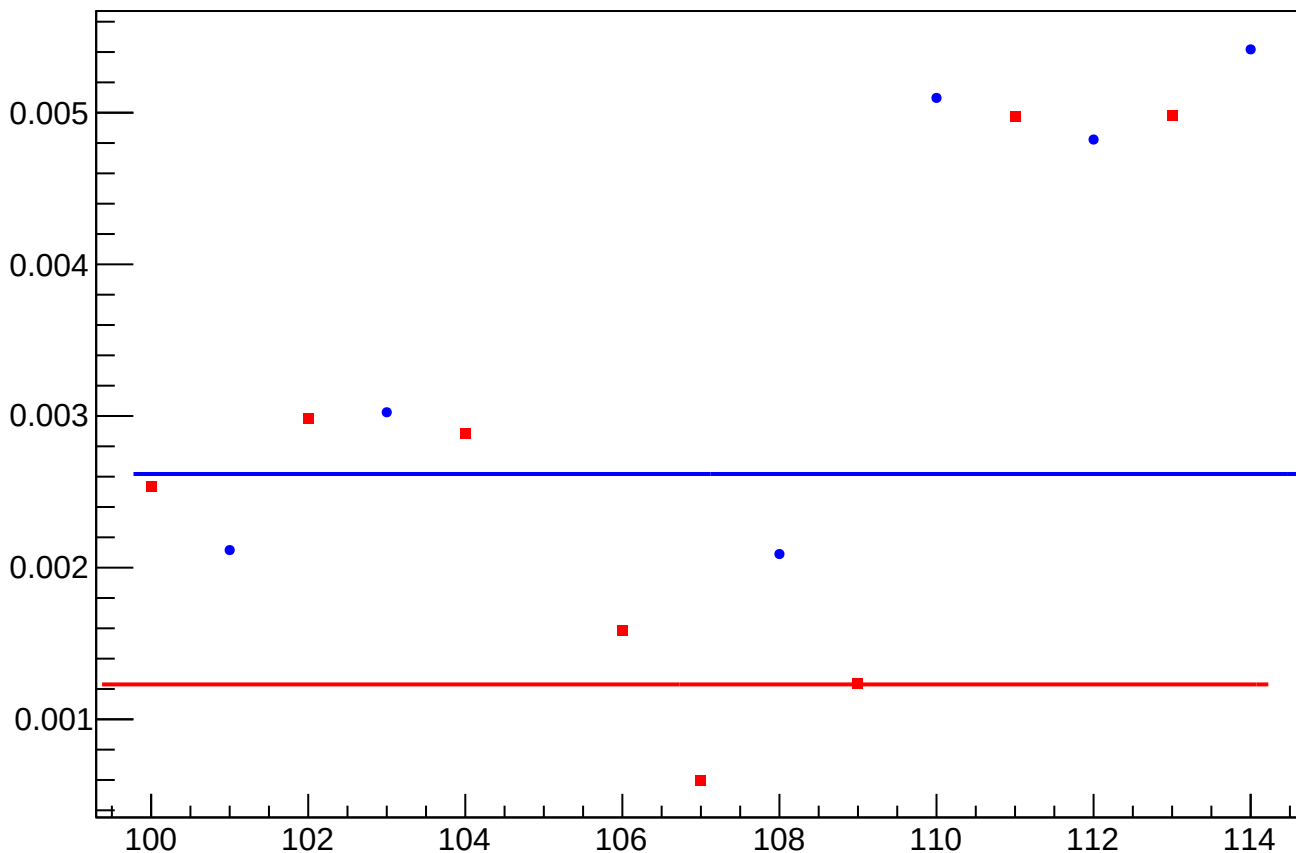
Right: -0.000+/-0.000 χ^2/NDF : 11.2/13

In: -0.000+/-0.000 χ^2/NDF : 4.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.2/13

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

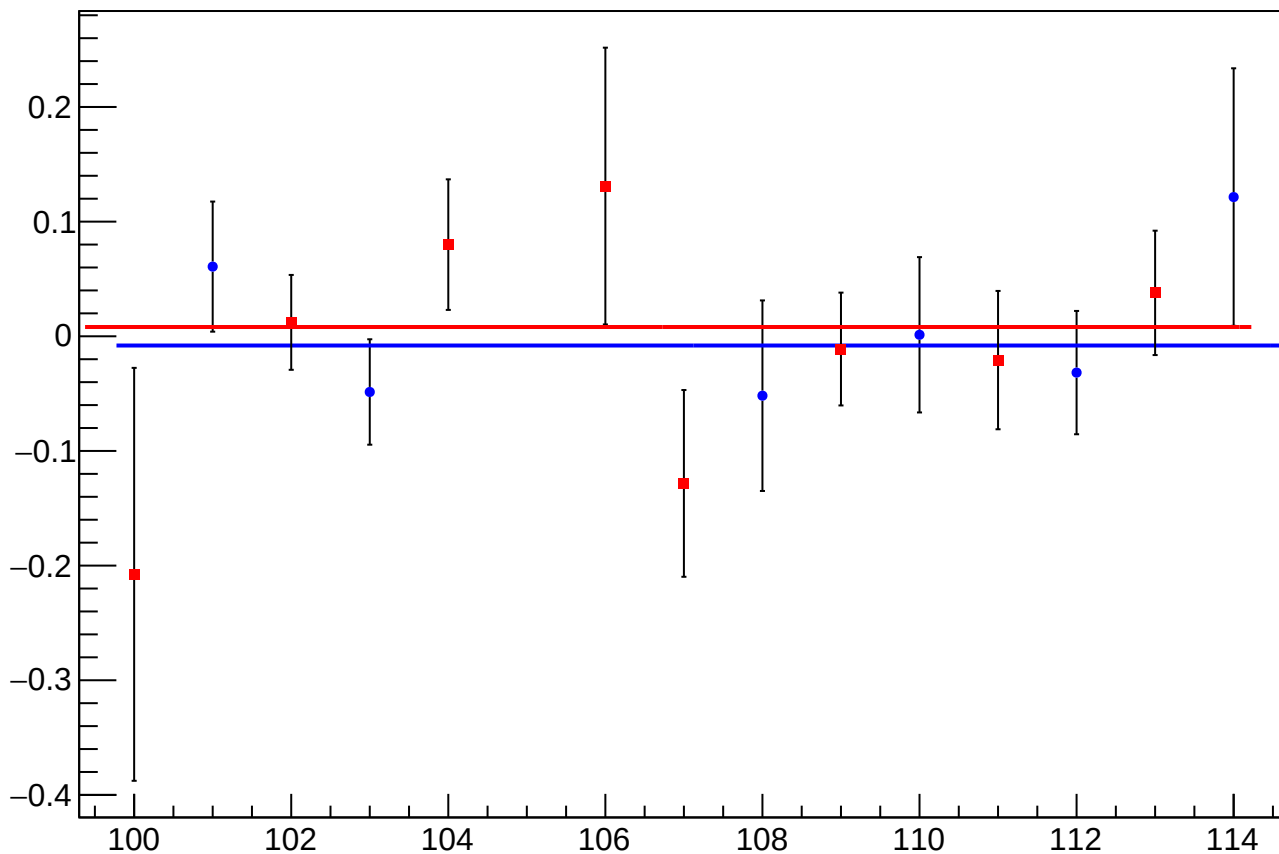
Right: 0.002+/-0.000 χ^2/NDF : 4076753.0/13

In: 0.003+/-0.000 χ^2/NDF : 593051.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4076753.0/13

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

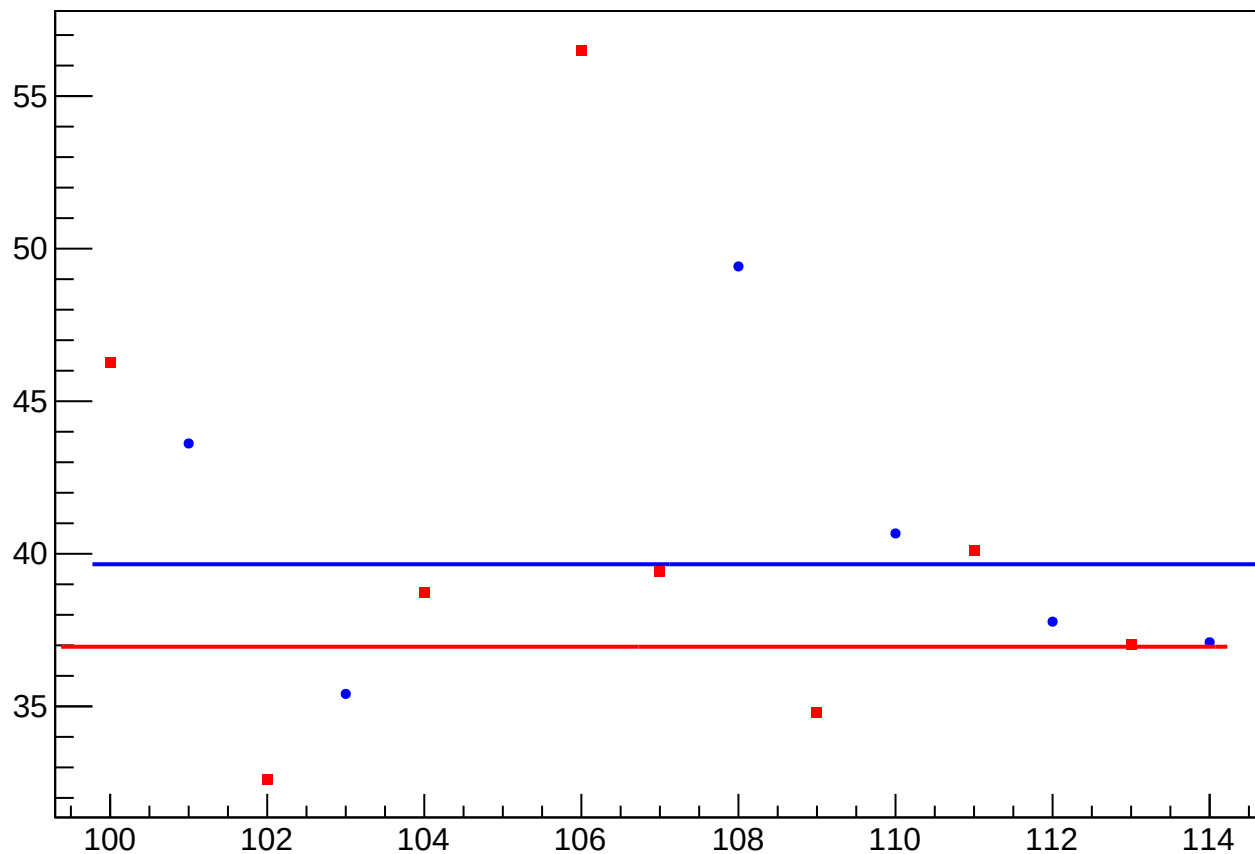
Right: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

In: -0.008 $\pm$ 0.025 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.658 $\pm$ 0.018 χ^2 /NDF: 58329.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.955 $\pm$ 0.015 χ^2 /NDF: 93094.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

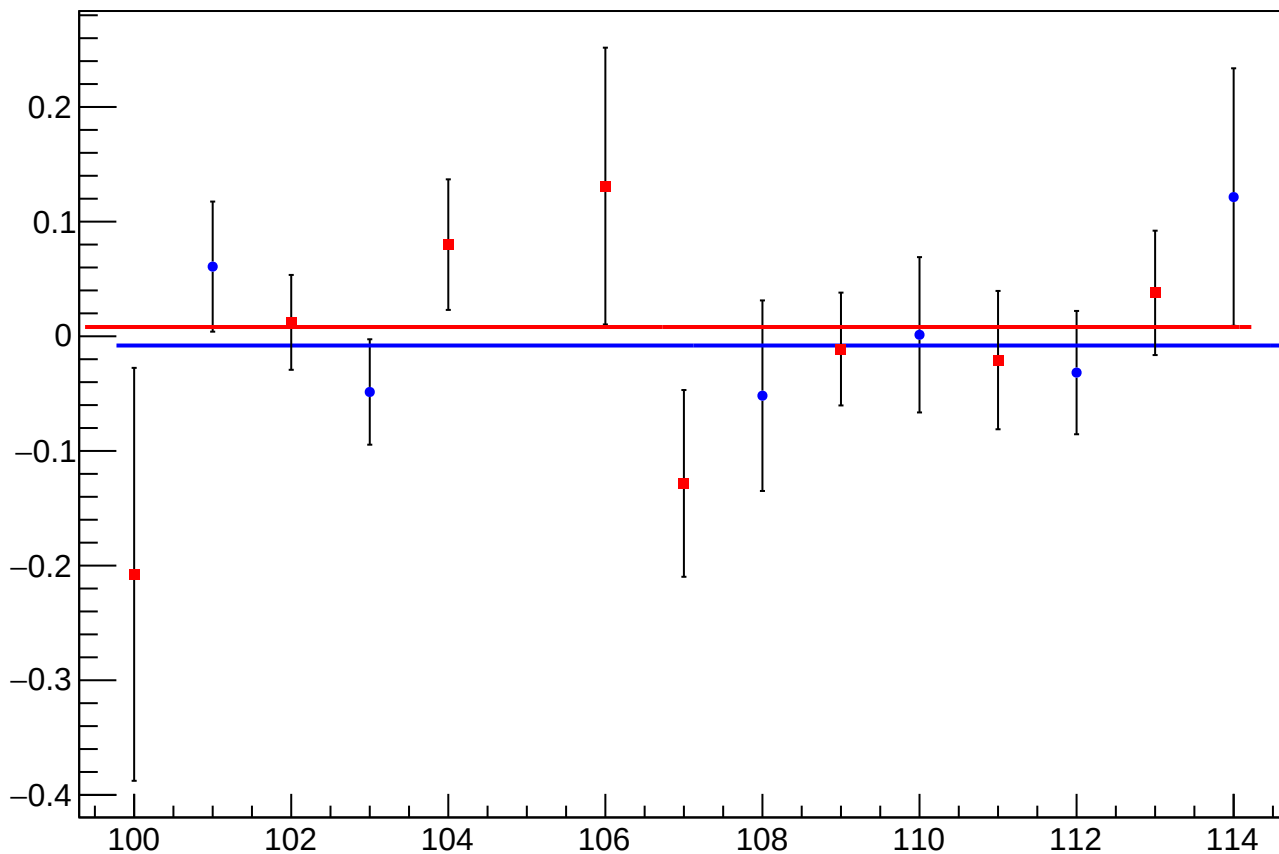
Right: 38.090 $\pm$ 0.012 χ^2 /NDF: 164740.4/13

In: 39.658 $\pm$ 0.018 χ^2 /NDF:58329.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.090 $\pm$ 0.012 χ^2 /NDF: 164740.4/13

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

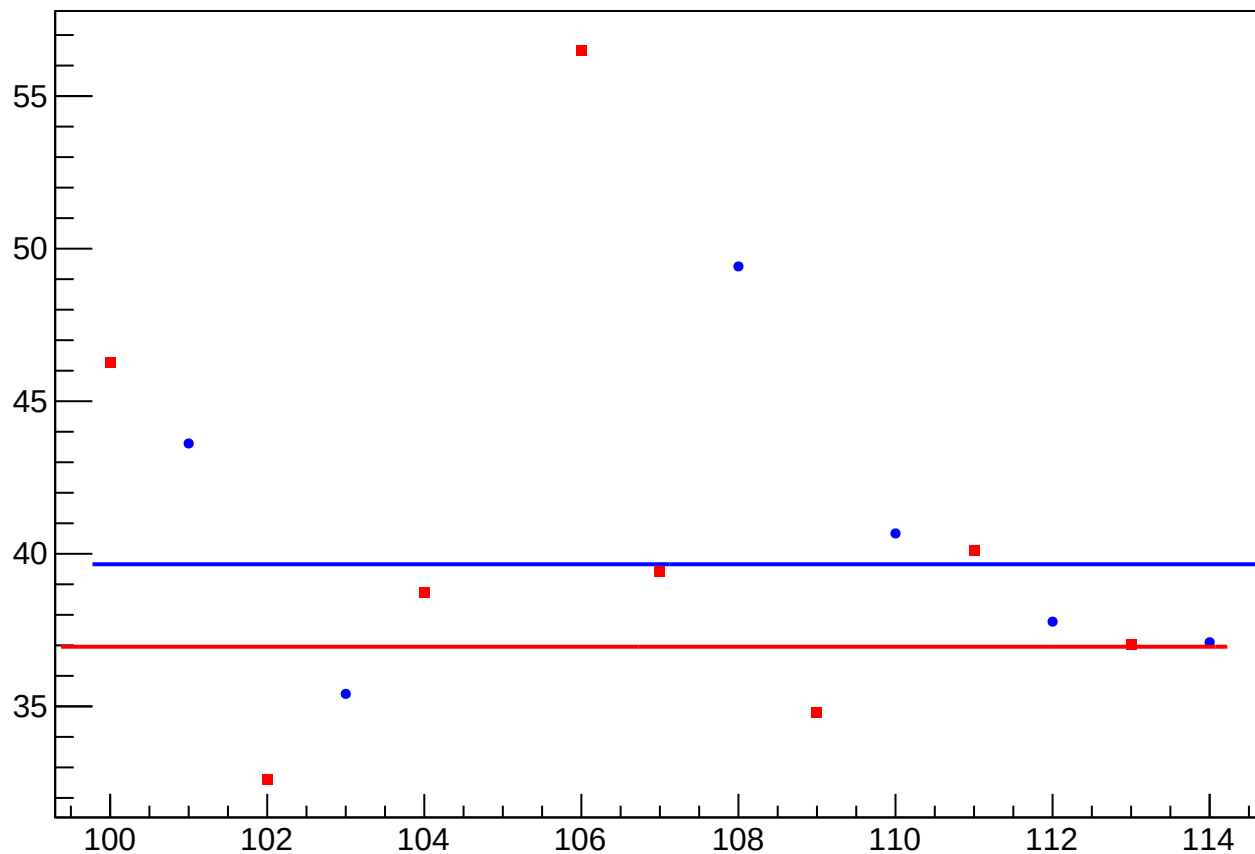
Right: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

In: -0.008 $\pm$ 0.025 χ^2 /NDF:4.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.016 χ^2 /NDF: 11.9/13

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.658 $\pm$ 0.018 χ^2 /NDF: 58329.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.955 $\pm$ 0.015 χ^2 /NDF: 93094.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

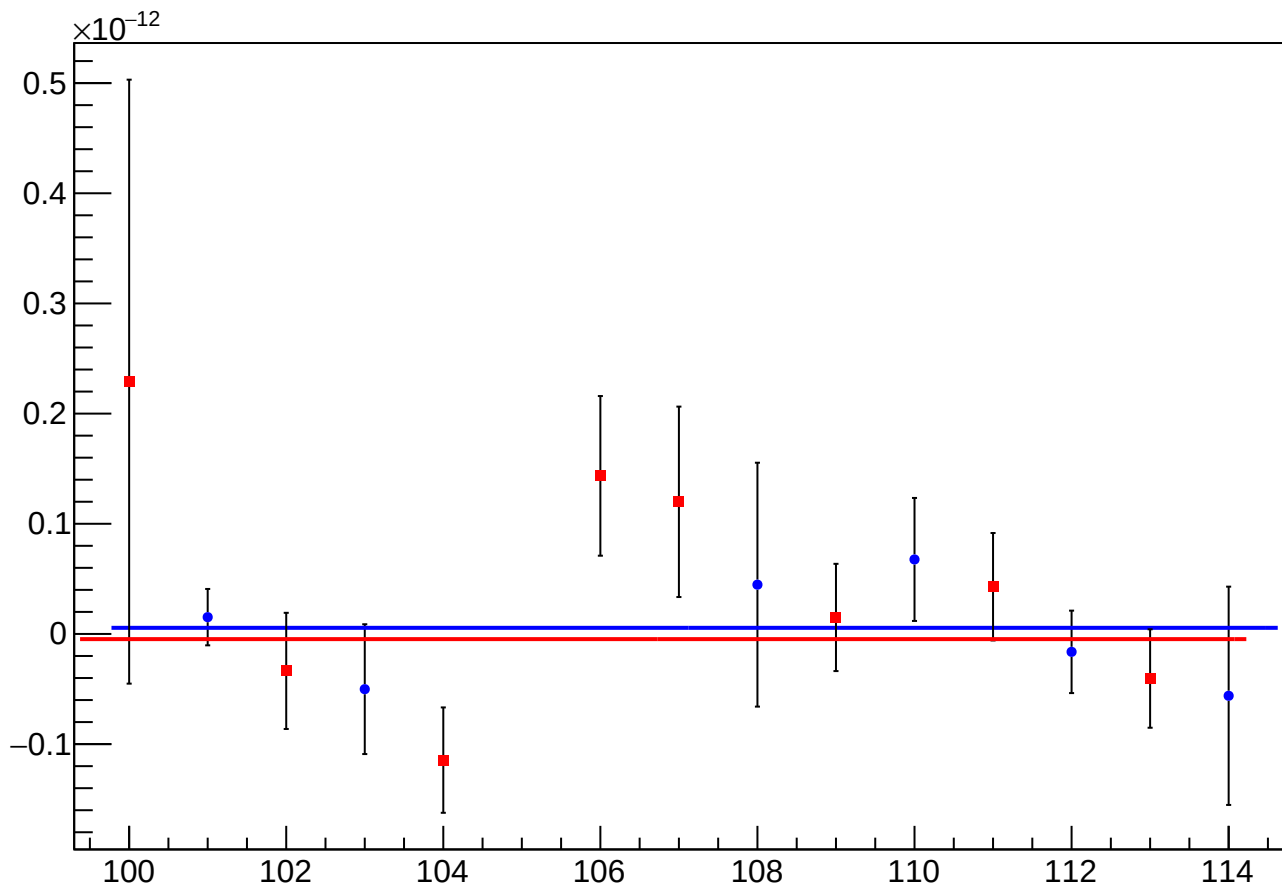
Right: 38.090 $\pm$ 0.012 χ^2 /NDF: 164740.4/13

In: 39.658 $\pm$ 0.018 χ^2 /NDF:58329.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.090 $\pm$ 0.012 χ^2 /NDF: 164740.4/13

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 14.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

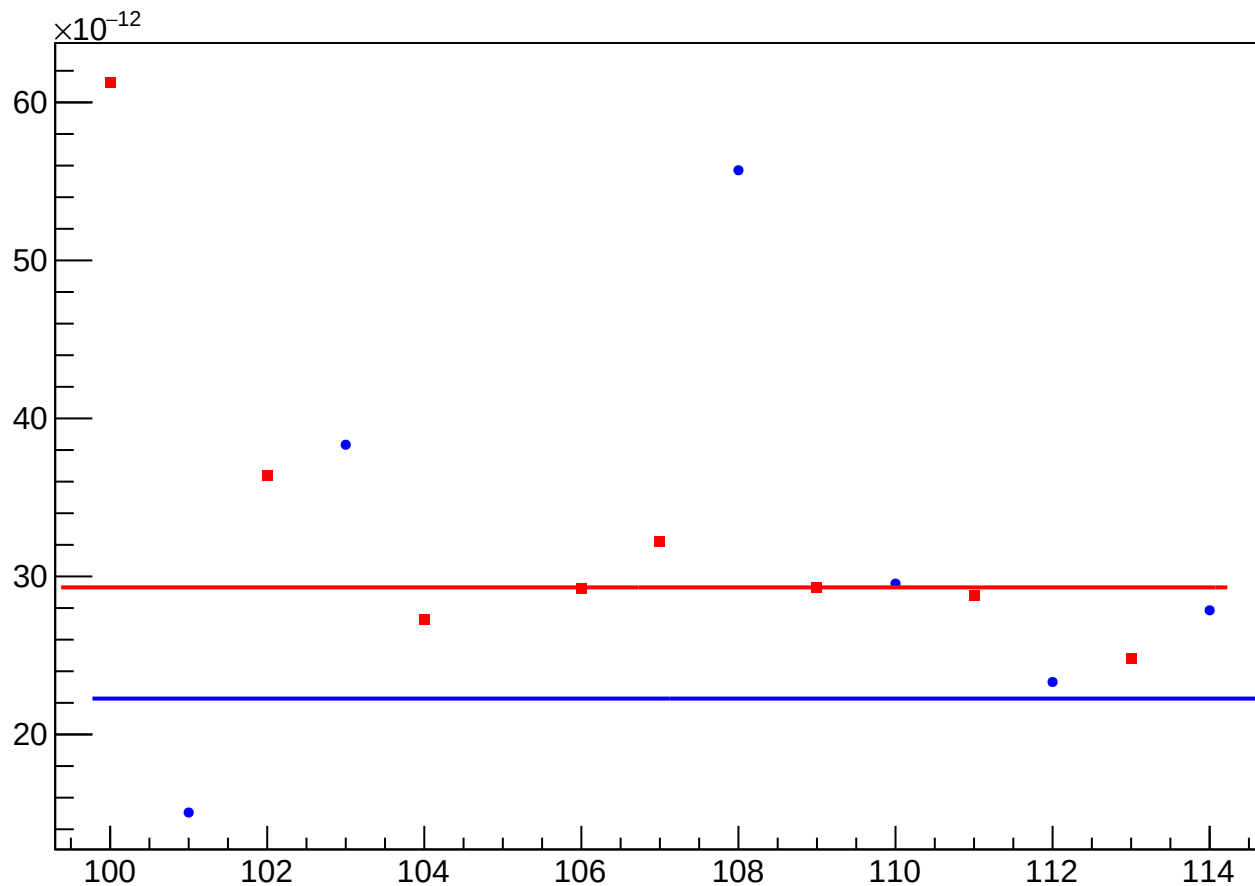
Right: 0.000+/-0.000 χ^2/NDF : 17.6/13

In: 0.000+/-0.000 χ^2/NDF : 3.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.6/13

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

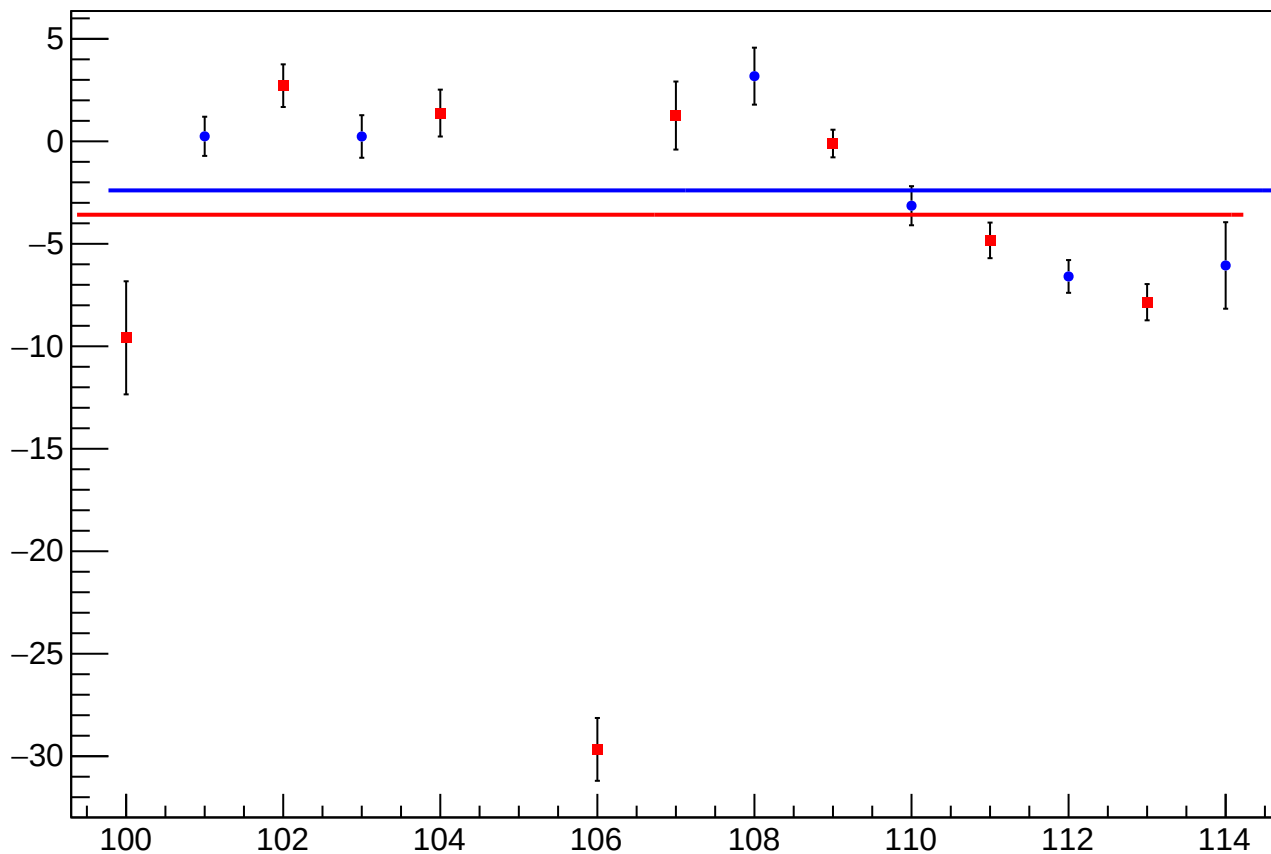
Right: 0.000+/-0.000 χ^2/NDF : 756090.1/13

In: 0.000+/-0.000 χ^2/NDF : 531861.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 756090.1/13

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

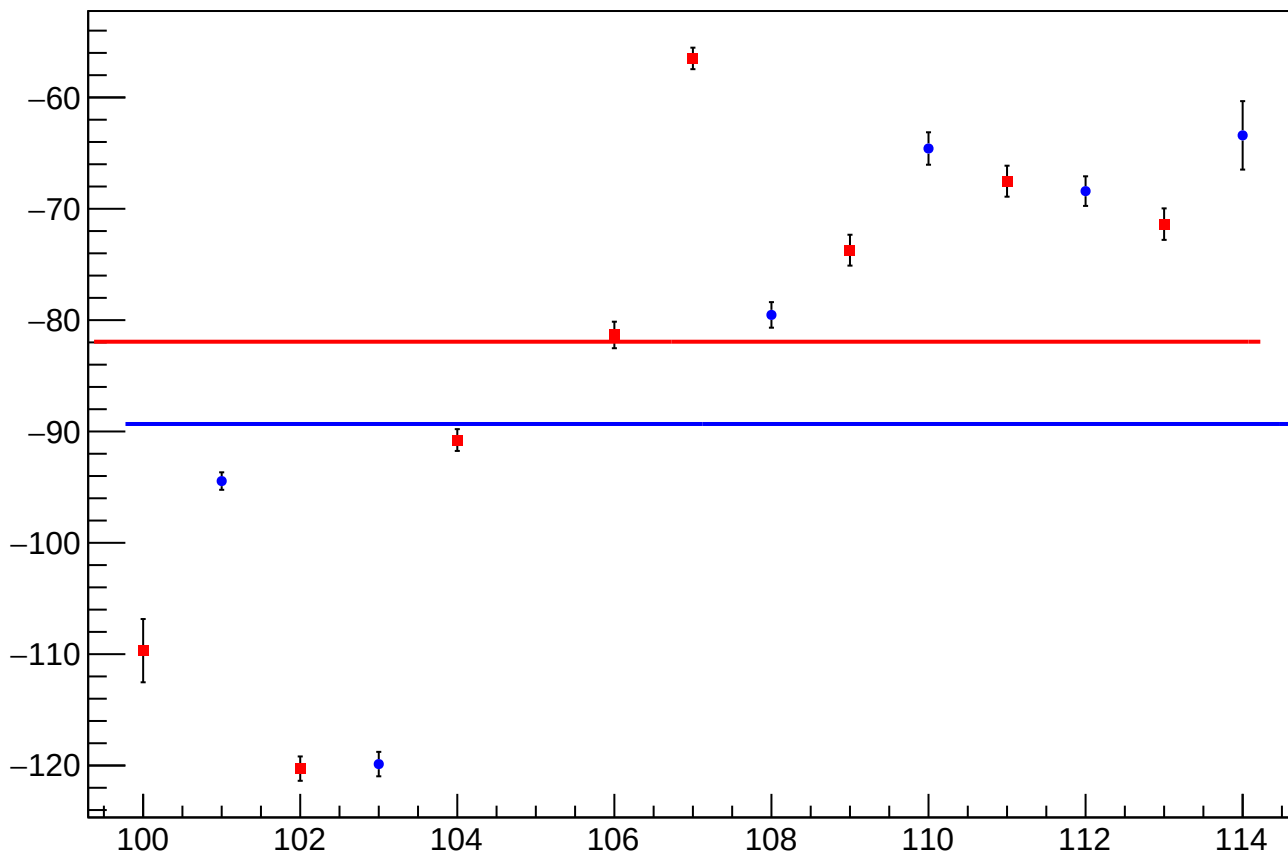
Right: -3.079+/-0.279 χ^2/NDF : 476.1/13

In: -2.394+/-0.429 χ^2/NDF : 61.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.079+/-0.279 χ^2/NDF : 476.1/13

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -89.327 $\pm$ 0.479 χ^2 /NDF: 1496.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.938 $\pm$ 0.434 χ^2 /NDF: 2299.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

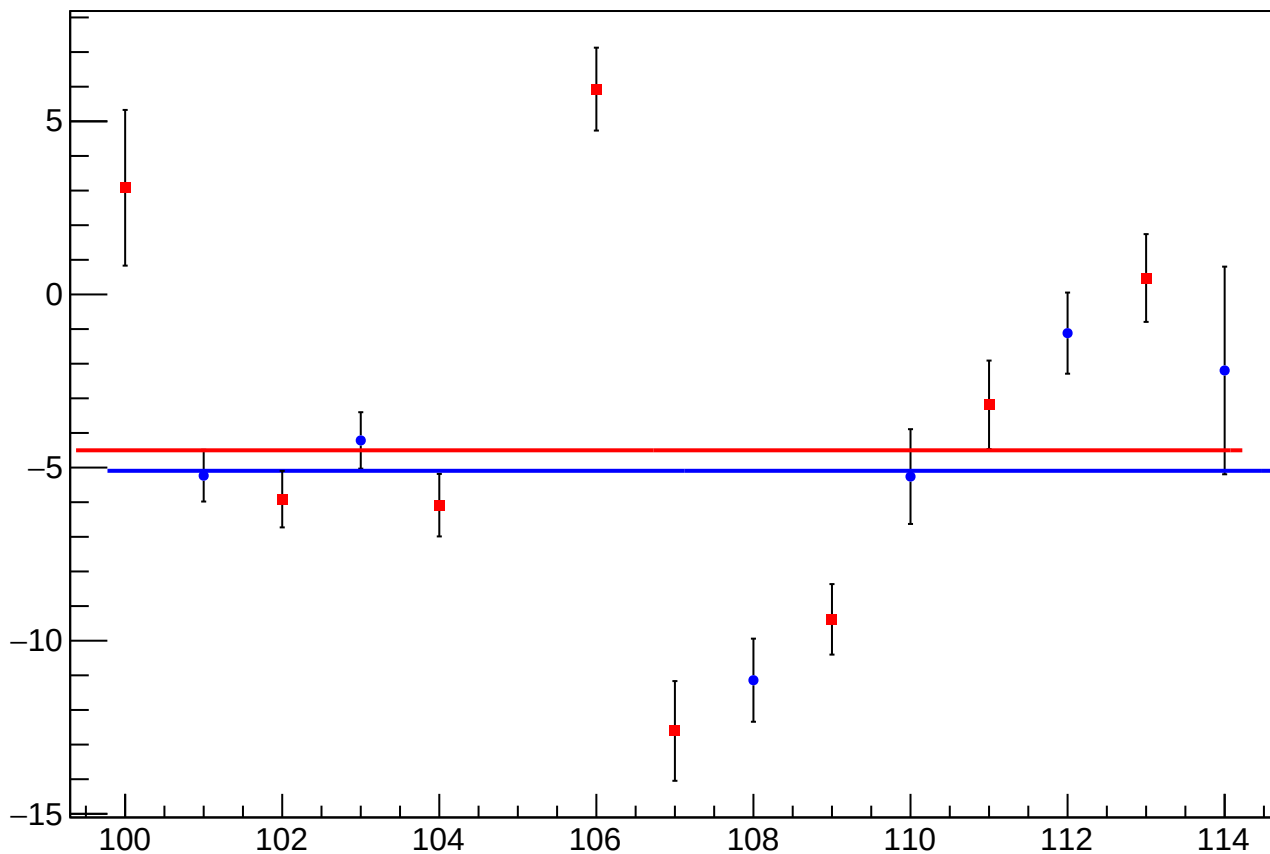
Right: -85.264 $\pm$ 0.322 χ^2 /NDF: 3925.9/13

In: -89.327 $\pm$ 0.479 χ^2 /NDF:1496.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.264 $\pm$ 0.322 χ^2 /NDF: 3925.9/13

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

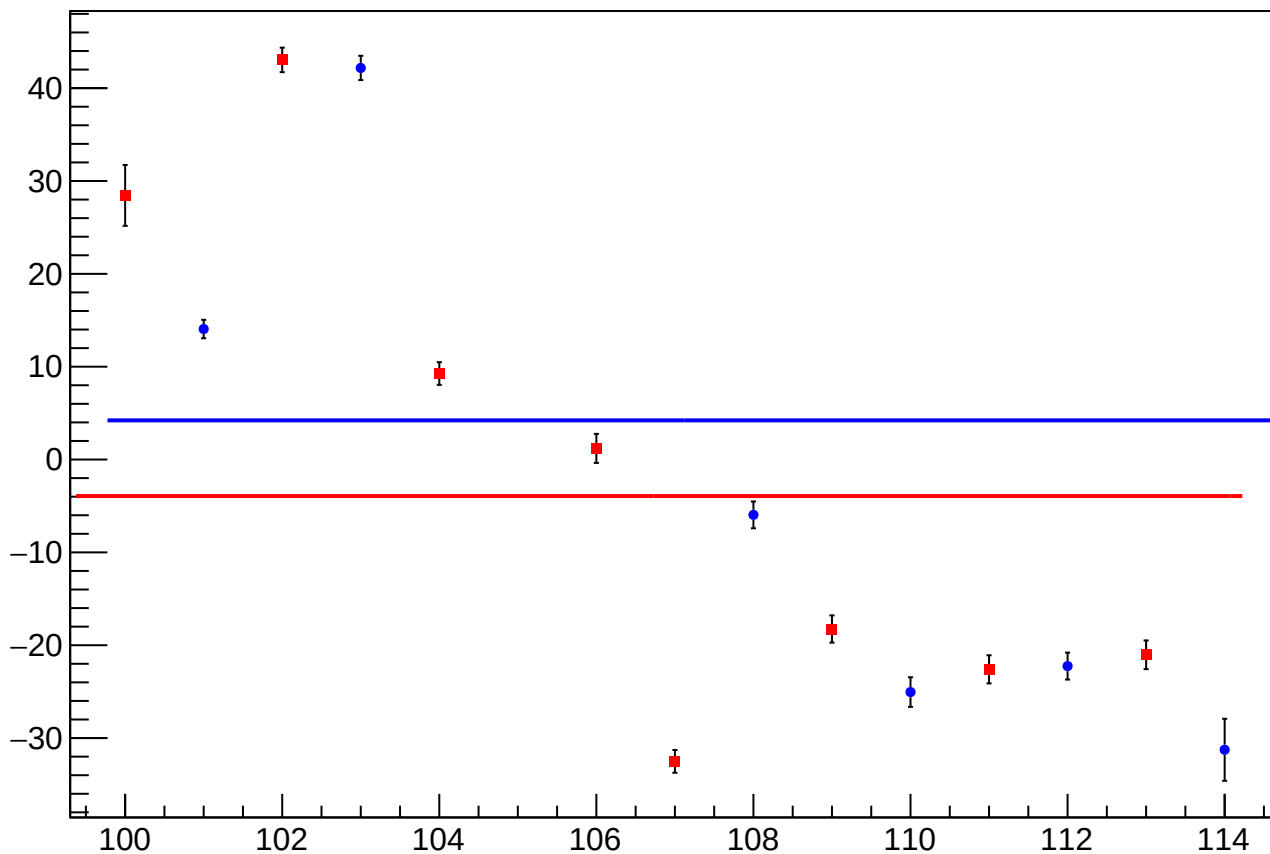
Right: -4.773+/-0.293 χ^2/NDF : 204.6/13

In: -5.093+/-0.432 χ^2/NDF : 39.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.773+/-0.293 χ^2/NDF : 204.6/13

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

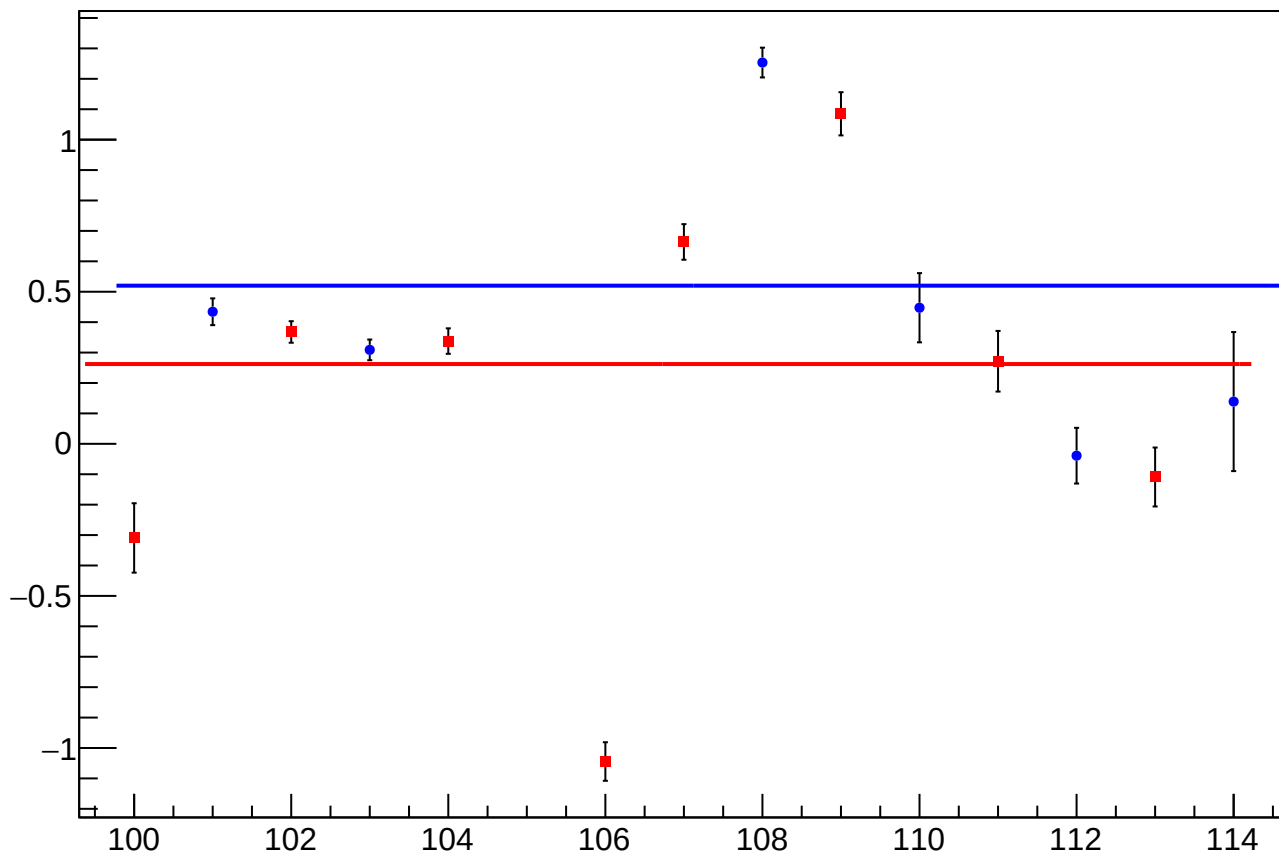
Right: -0.278+/-0.385 χ^2/NDF : 4288.2/13

In: 4.219+/-0.574 χ^2/NDF : 1772.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.278+/-0.385 χ^2/NDF : 4288.2/13

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.520+/-0.022 χ^2/NDF : 307.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.262+/-0.020 χ^2/NDF : 658.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

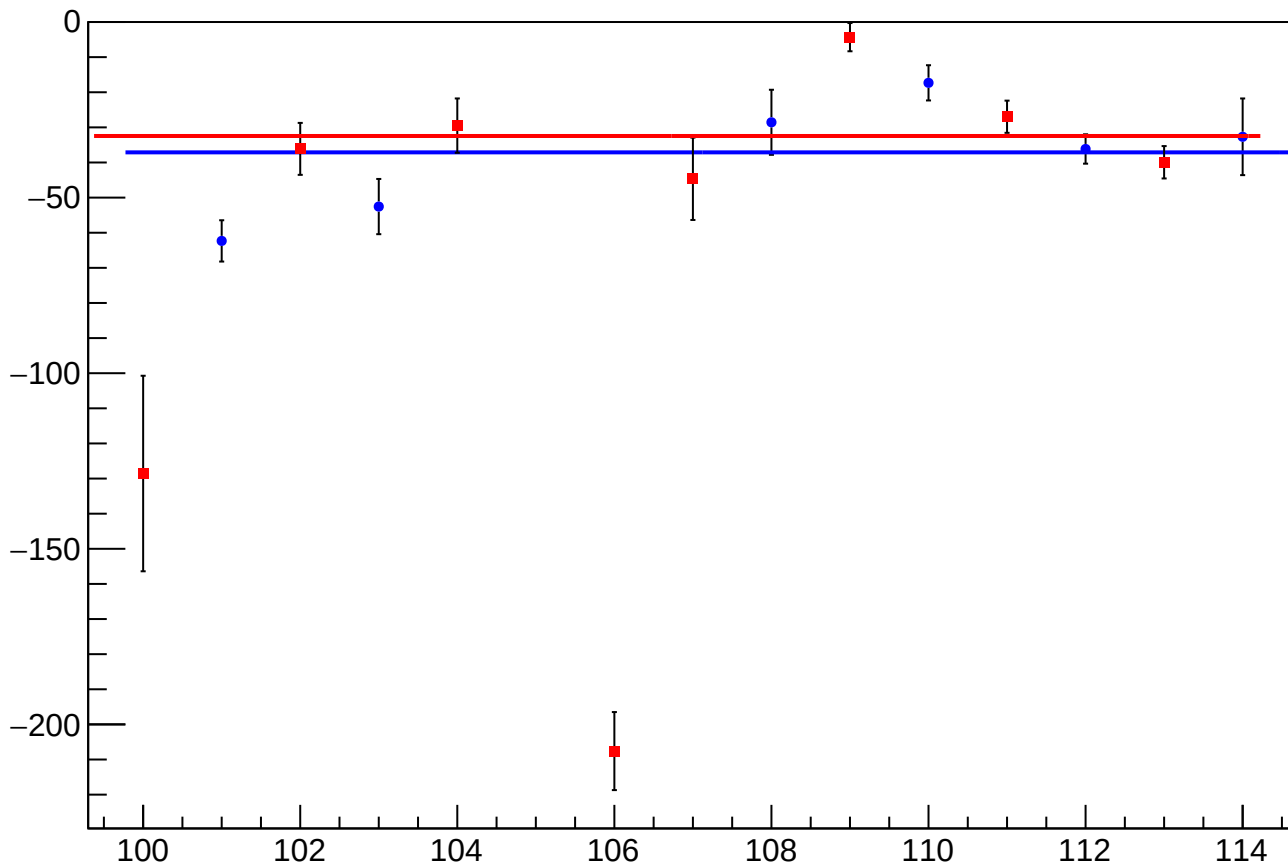
Right: 0.380+/-0.015 χ^2/NDF : 1038.4/13

In: 0.520+/-0.022 χ^2/NDF : 307.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.380+/-0.015 χ^2/NDF : 1038.4/13

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.115+/-2.484 χ^2/NDF : 38.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.453+/-2.192 χ^2/NDF : 314.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

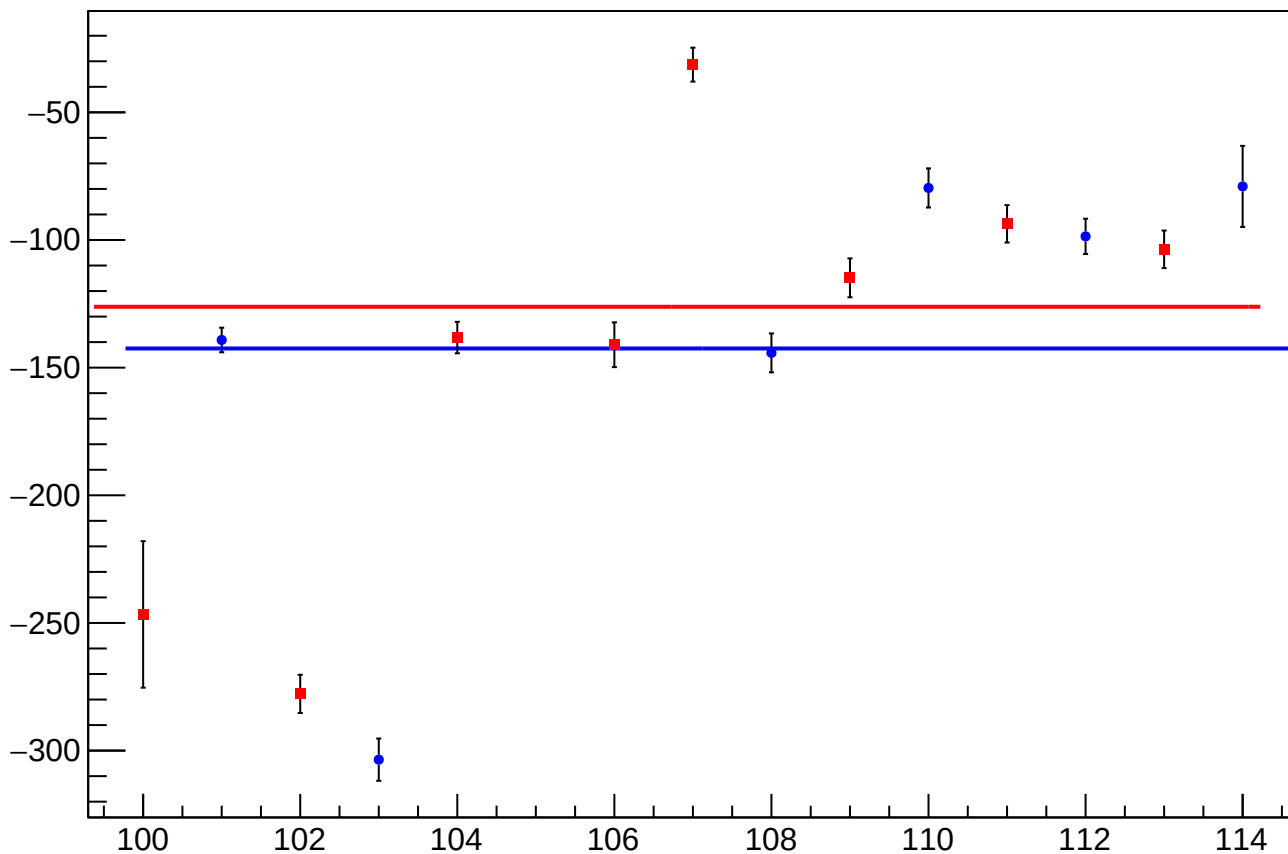
Right: -34.494+/-1.643 χ^2/NDF : 355.8/13

In: -37.115+/-2.484 χ^2/NDF : 38.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.494+/-1.643 χ^2/NDF : 355.8/13

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -142.491+/-2.926 χ^2/NDF : 502.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -126.156+/-2.717 χ^2/NDF : 669.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

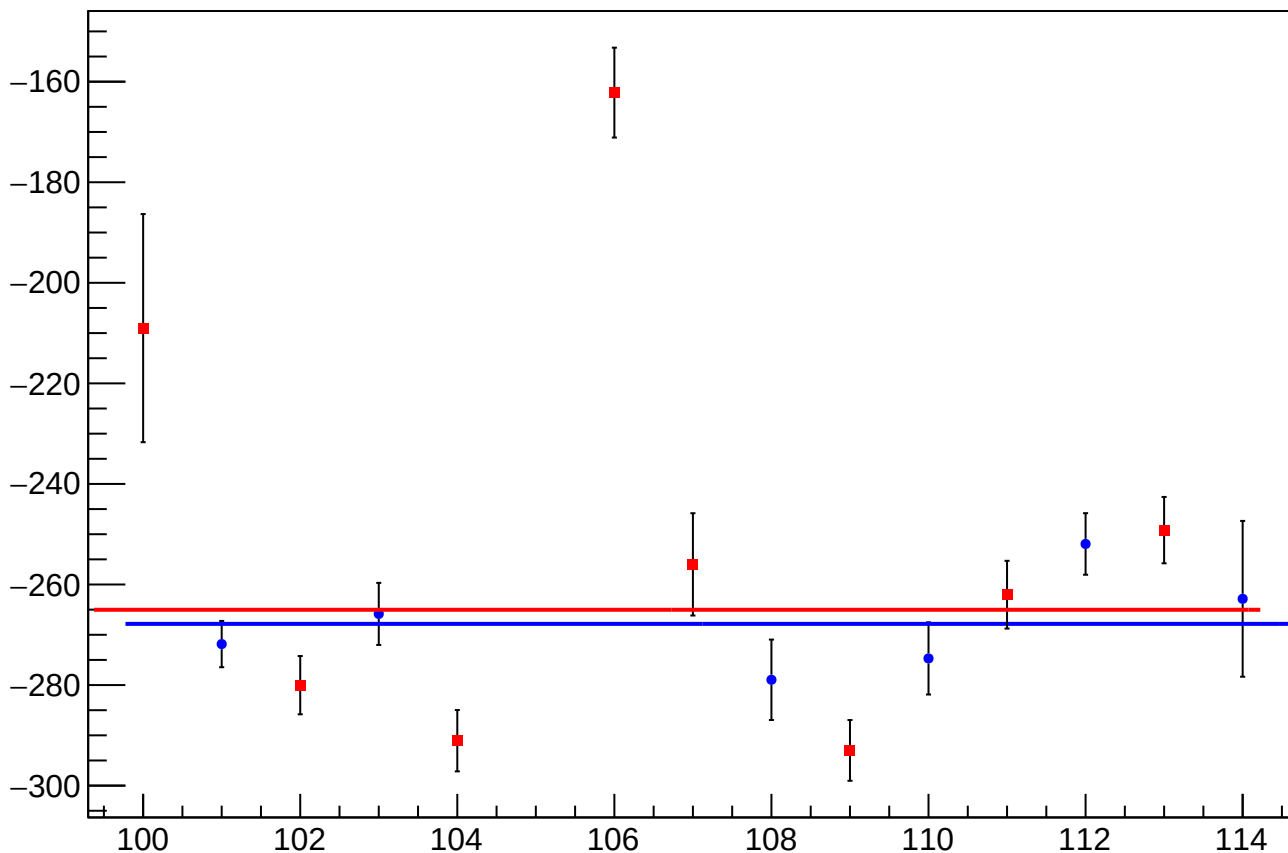
Right: -133.721+/-1.991 χ^2/NDF : 1189.2/13

In: -142.491+/-2.926 χ^2/NDF :502.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -133.721+/-1.991 χ^2/NDF : 1189.2/13

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

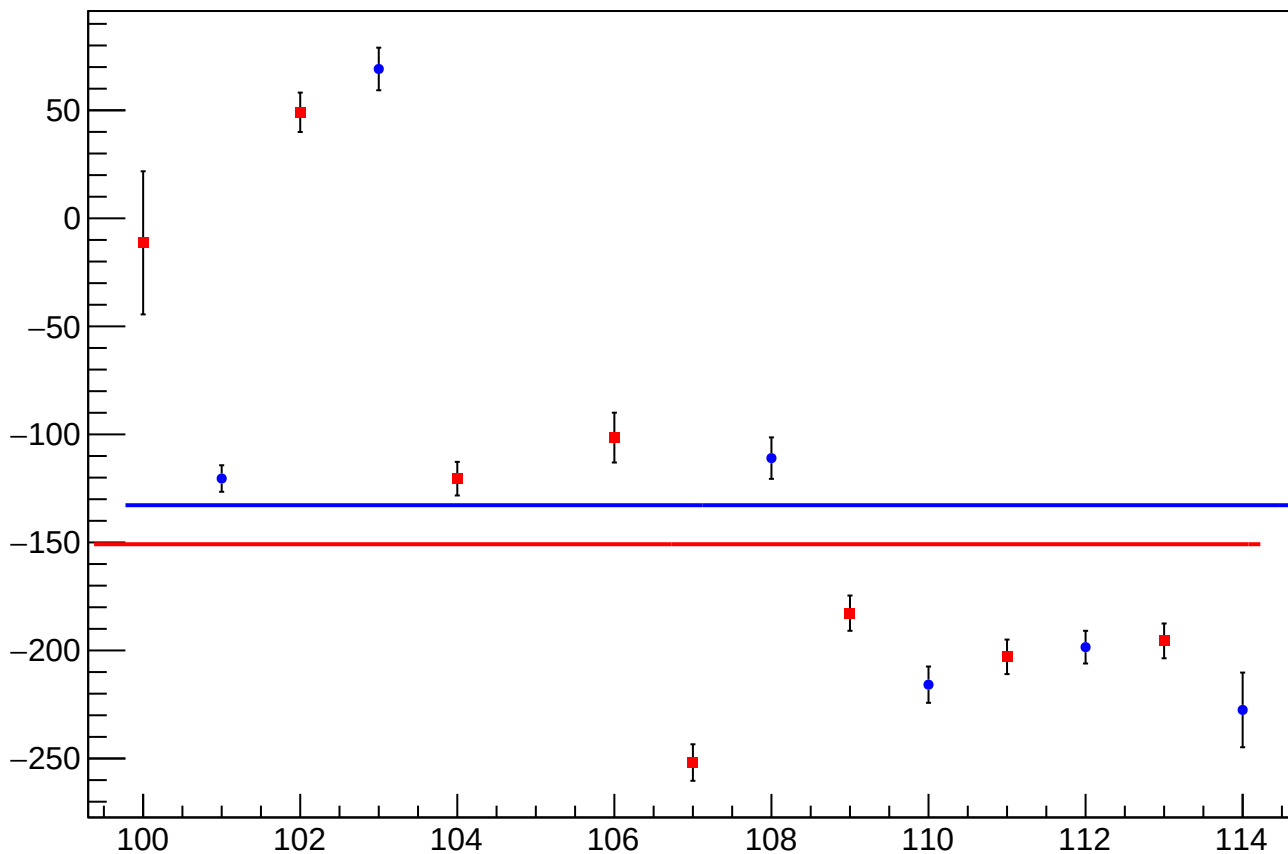
Right: -266.362+/-1.849 χ^2/NDF : 202.7/13

In: -267.830+/-2.679 χ^2/NDF : 10.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.362+/-1.849 χ^2/NDF : 202.7/13

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -132.776 $\pm$ 3.477 χ^2 /NDF: 632.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -150.829 $\pm$ 3.208 χ^2 /NDF: 763.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

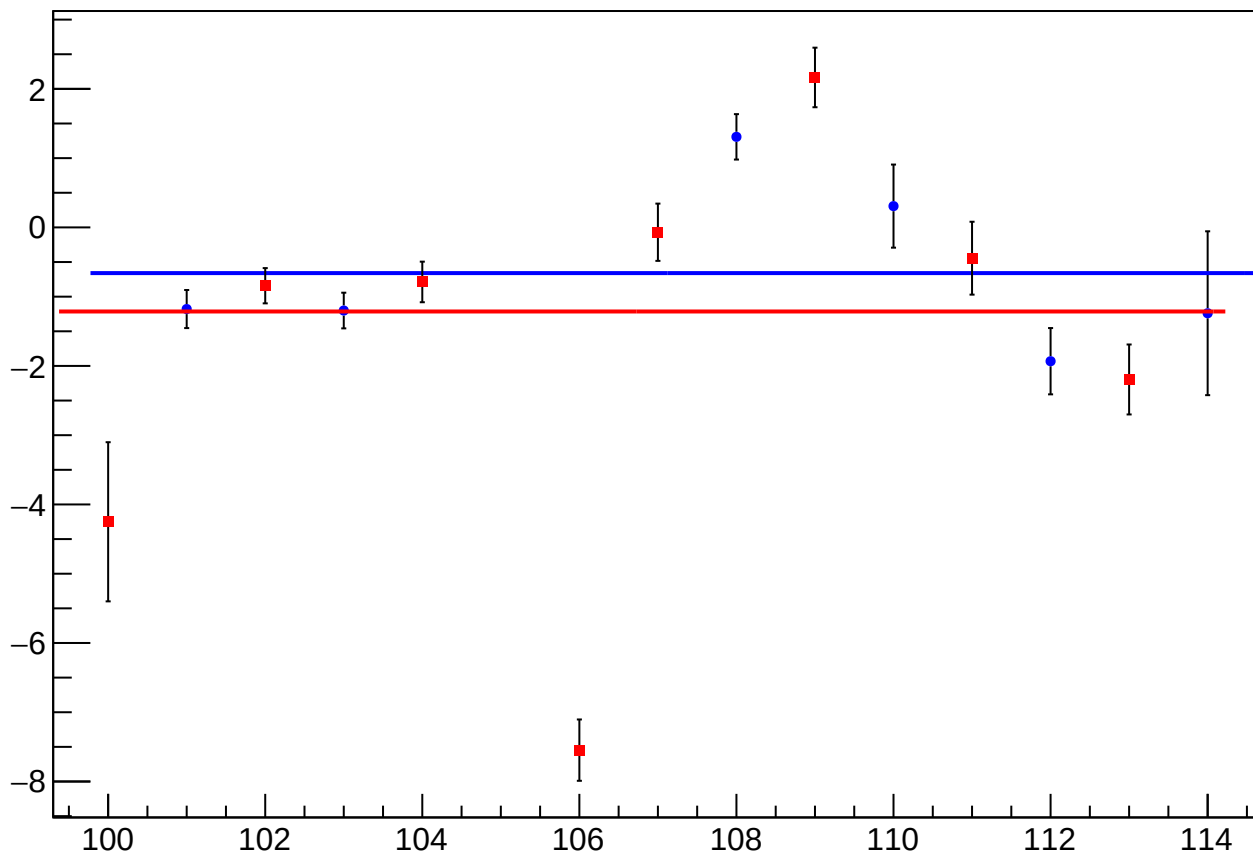
Right: -142.526 $\pm$ 2.358 χ^2 /NDF: 1410.0/13

In: -132.776 $\pm$ 3.477 χ^2 /NDF:632.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -142.526 $\pm$ 2.358 χ^2 /NDF: 1410.0/13

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

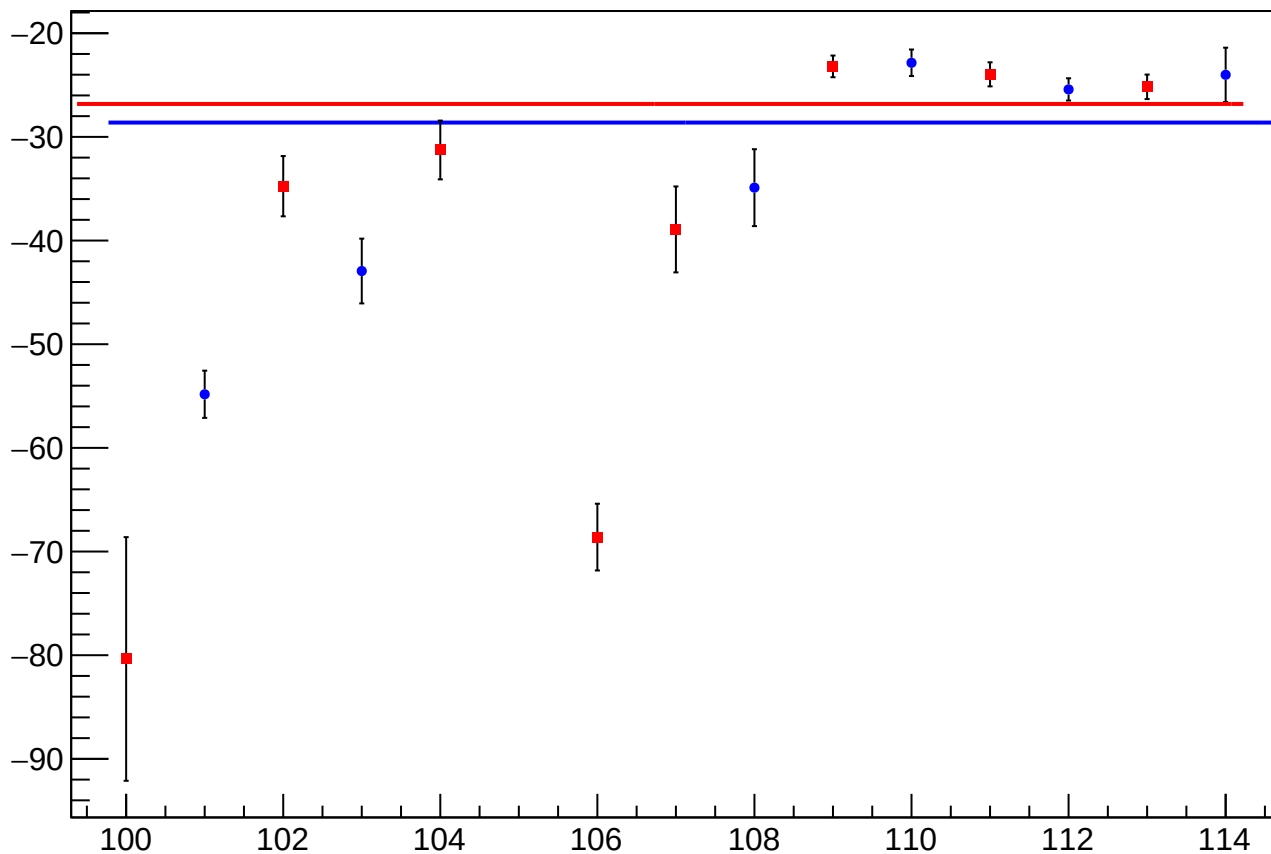
Right: -0.955 ± 0.101 χ^2/NDF : 352.5/13

In: -0.660 ± 0.148 χ^2/NDF : 53.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.955 ± 0.101 χ^2/NDF : 352.5/13

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.619 $\pm$ 0.708 χ^2 /NDF: 188.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.823 $\pm$ 0.600 χ^2 /NDF: 227.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

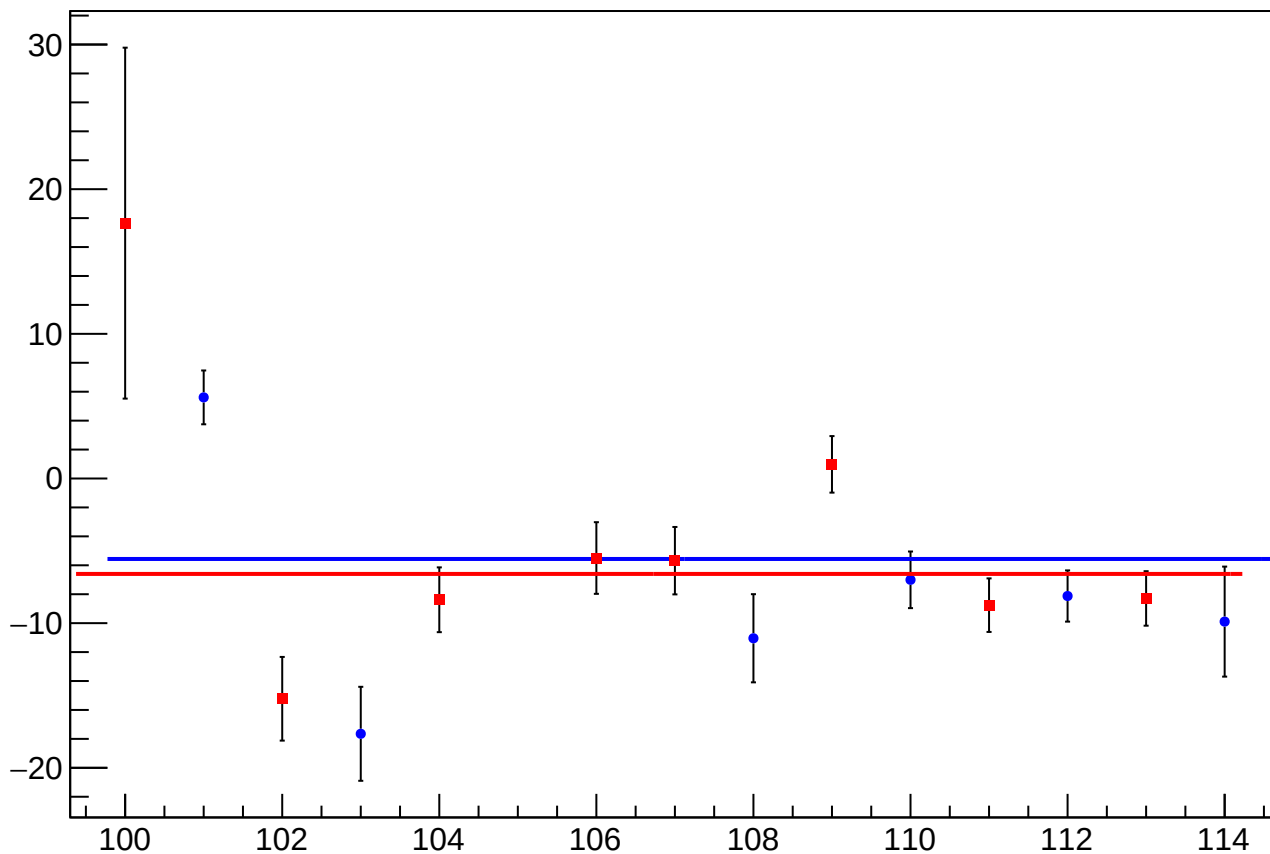
Right: -27.573 $\pm$ 0.458 χ^2 /NDF: 420.1/13

In: -28.619 $\pm$ 0.708 χ^2 /NDF:188.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.573 $\pm$ 0.458 χ^2 /NDF: 420.1/13

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.563 $\pm$ 0.936 χ^2 /NDF: 57.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.597 $\pm$ 0.814 χ^2 /NDF: 31.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

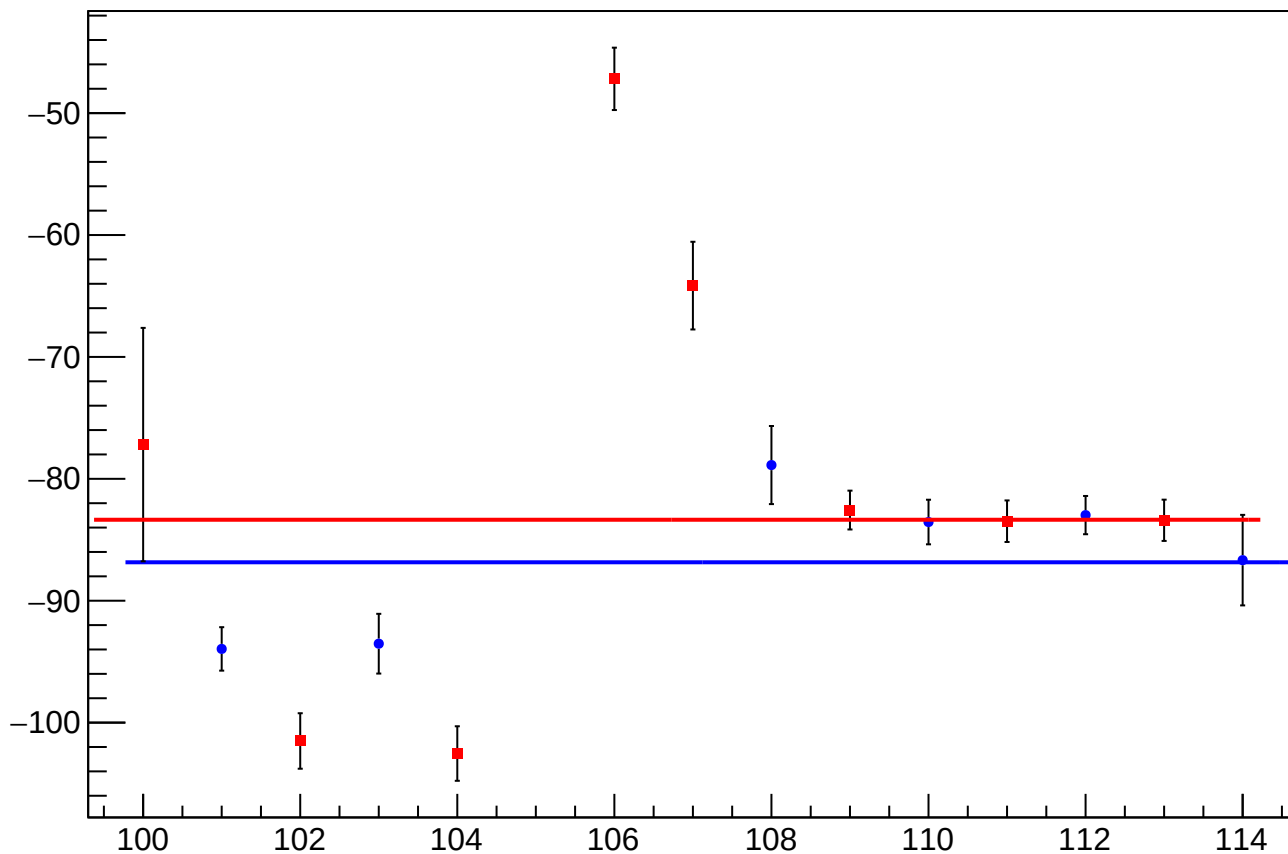
Right: -6.152 $\pm$ 0.614 χ^2 /NDF: 88.8/13

In: -5.563 $\pm$ 0.936 χ^2 /NDF:57.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.152 $\pm$ 0.614 χ^2 /NDF: 88.8/13

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.847 $\pm$ 0.859 χ^2/NDF : 38.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -83.358 $\pm$ 0.762 χ^2/NDF : 366.2/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

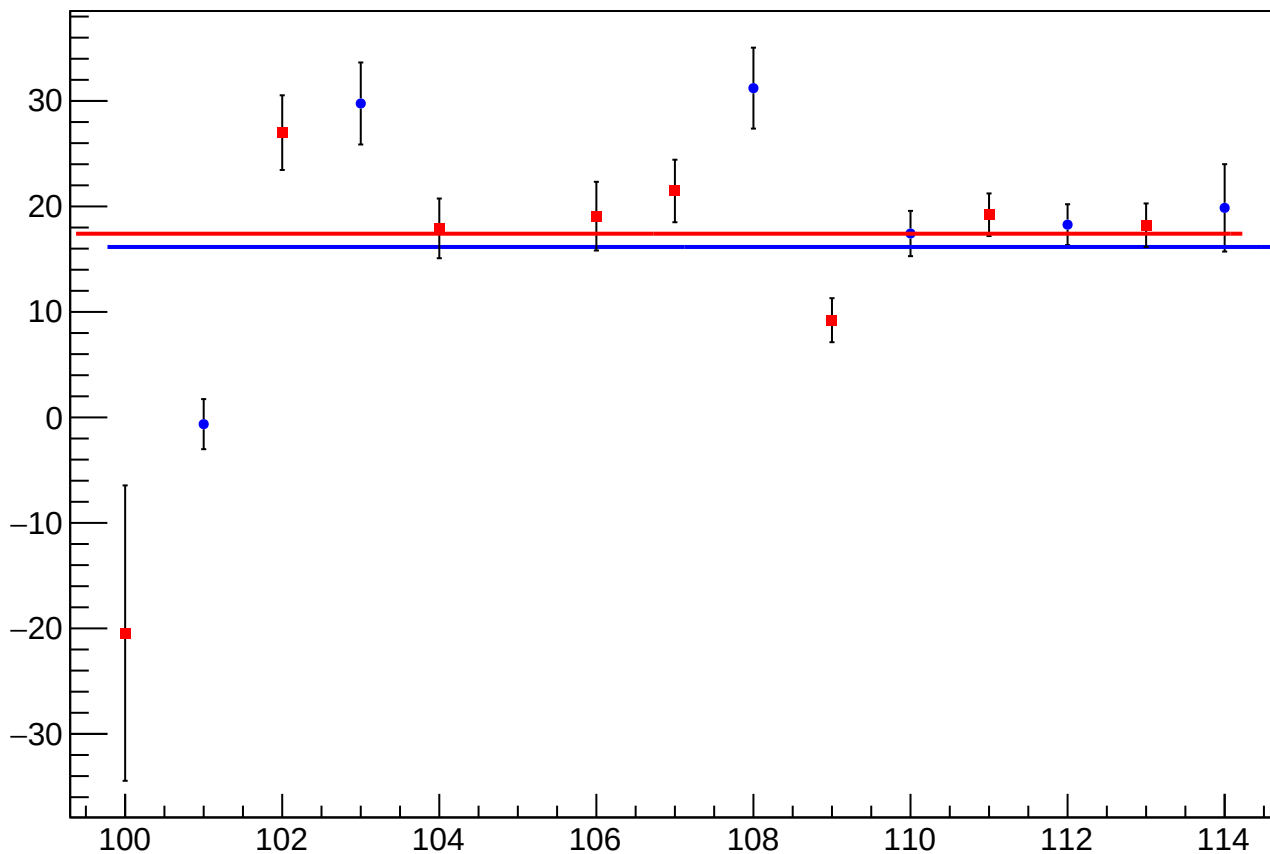
Right: -84.895 $\pm$ 0.570 χ^2/NDF : 414.3/13

In: -86.847 $\pm$ 0.859 χ^2/NDF : 38.9/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -84.895 $\pm$ 0.570 χ^2/NDF : 414.3/13

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.157+/-1.082 χ^2 /NDF: 80.0/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.415+/-0.942 χ^2 /NDF: 33.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

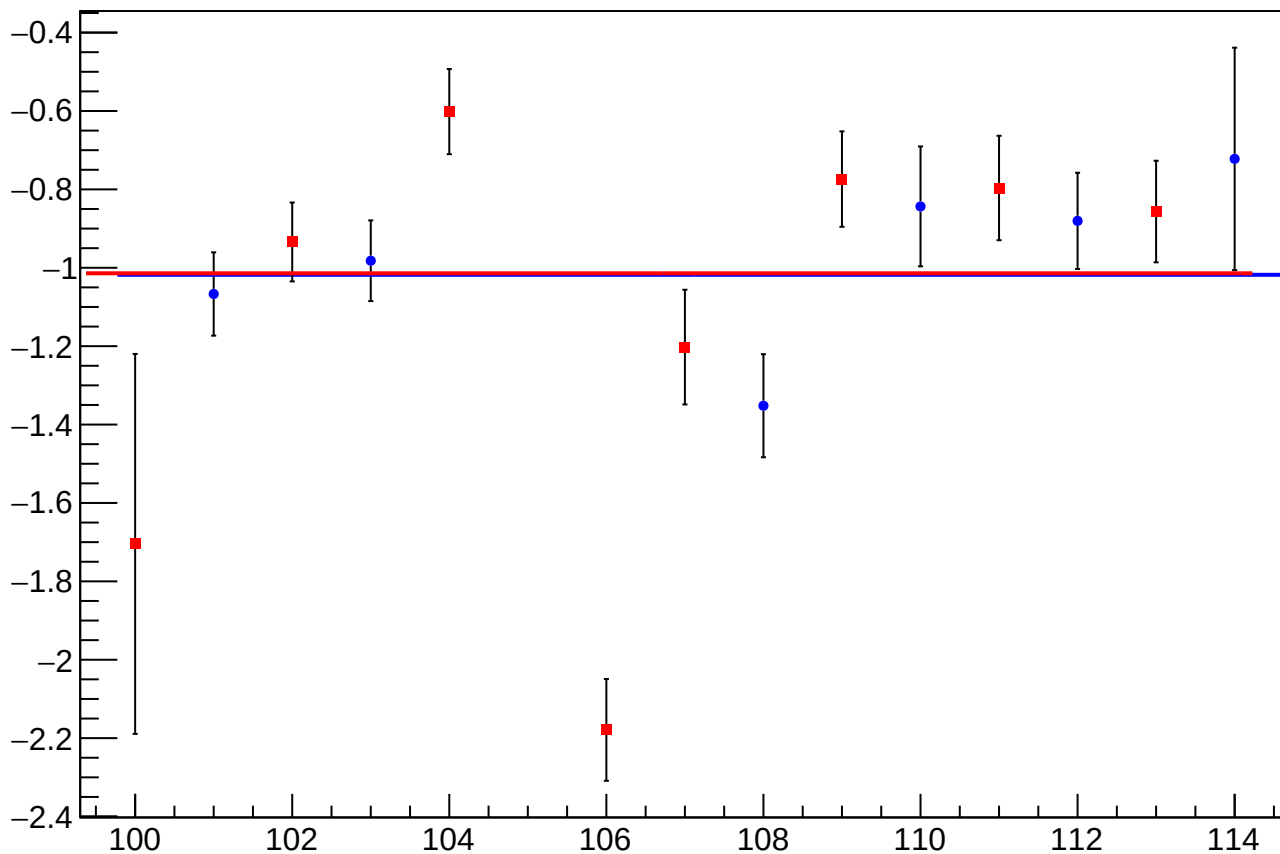
Right: 16.873+/-0.710 χ^2 /NDF: 114.0/13

In: 16.157+/-1.082 χ^2 /NDF:80.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 16.873+/-0.710 χ^2 /NDF: 114.0/13

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.018 $\pm$ 0.053 χ^2 /NDF: 10.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.014 $\pm$ 0.046 χ^2 /NDF: 107.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

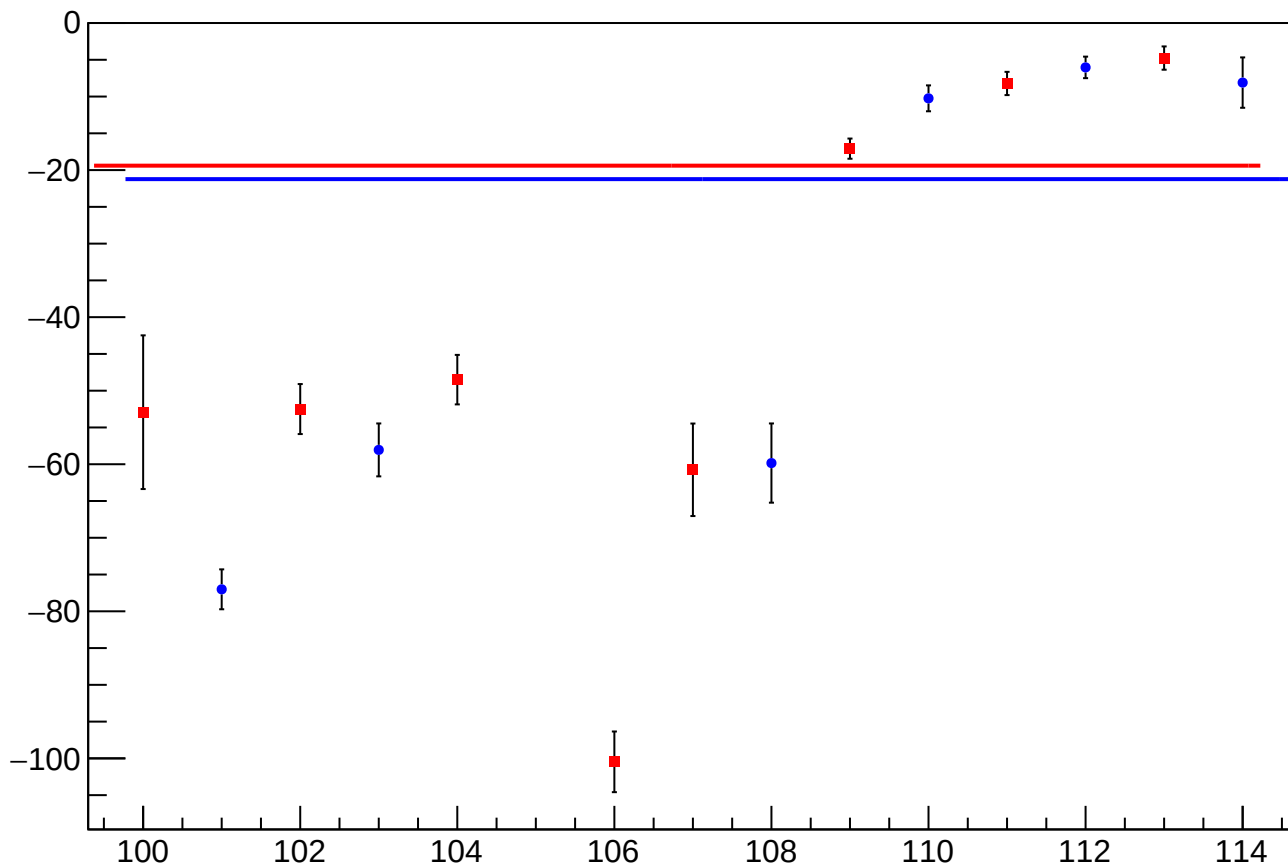
Right: -1.016 $\pm$ 0.035 χ^2 /NDF: 117.7/13

In: -1.018 $\pm$ 0.053 χ^2 /NDF:10.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.016 $\pm$ 0.035 χ^2 /NDF: 117.7/13

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

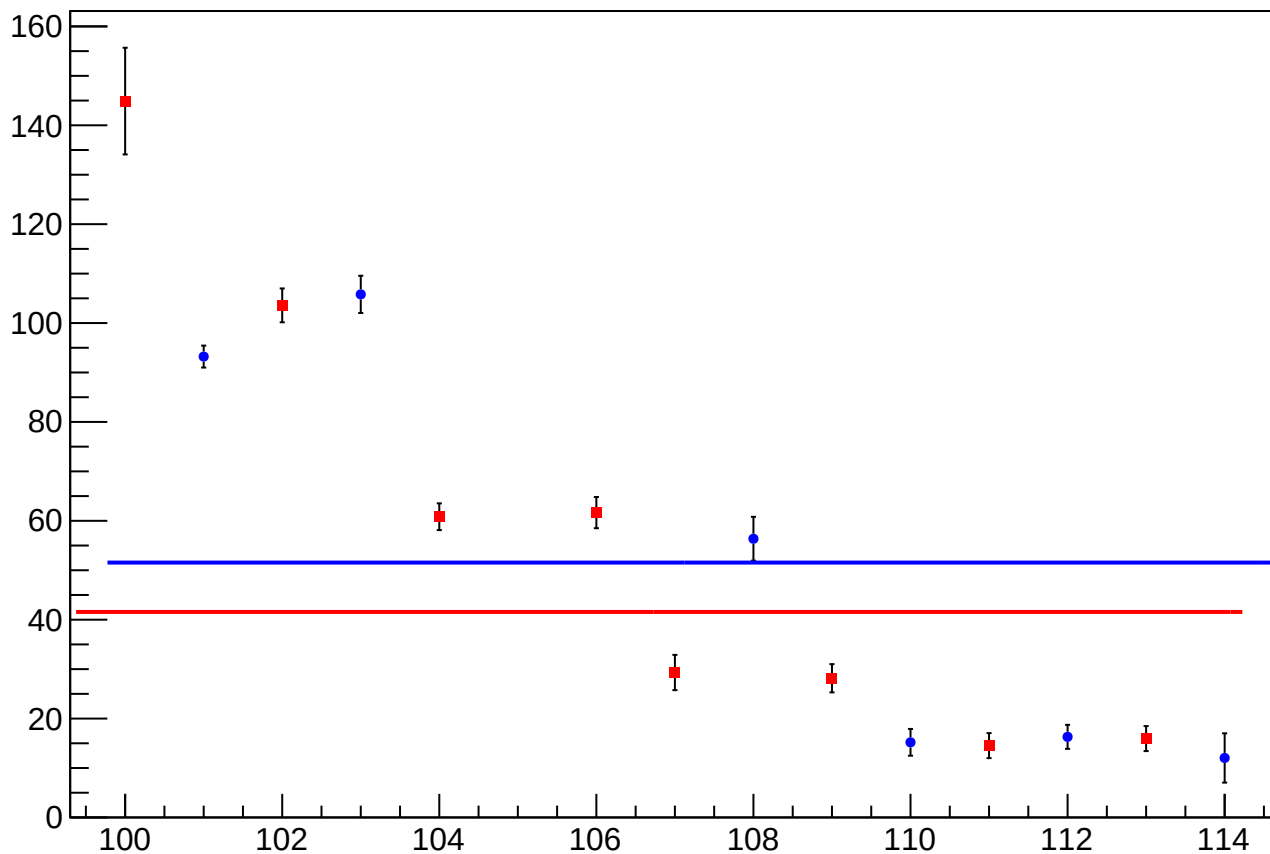
Right: -20.154+/-0.606 χ^2/NDF : 1489.7/13

In: -21.230+/-0.944 χ^2/NDF : 740.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.154+/-0.606 χ^2/NDF : 1489.7/13

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 51.553+/-1.221 χ^2/NDF : 1015.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.568+/-1.088 χ^2/NDF : 762.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

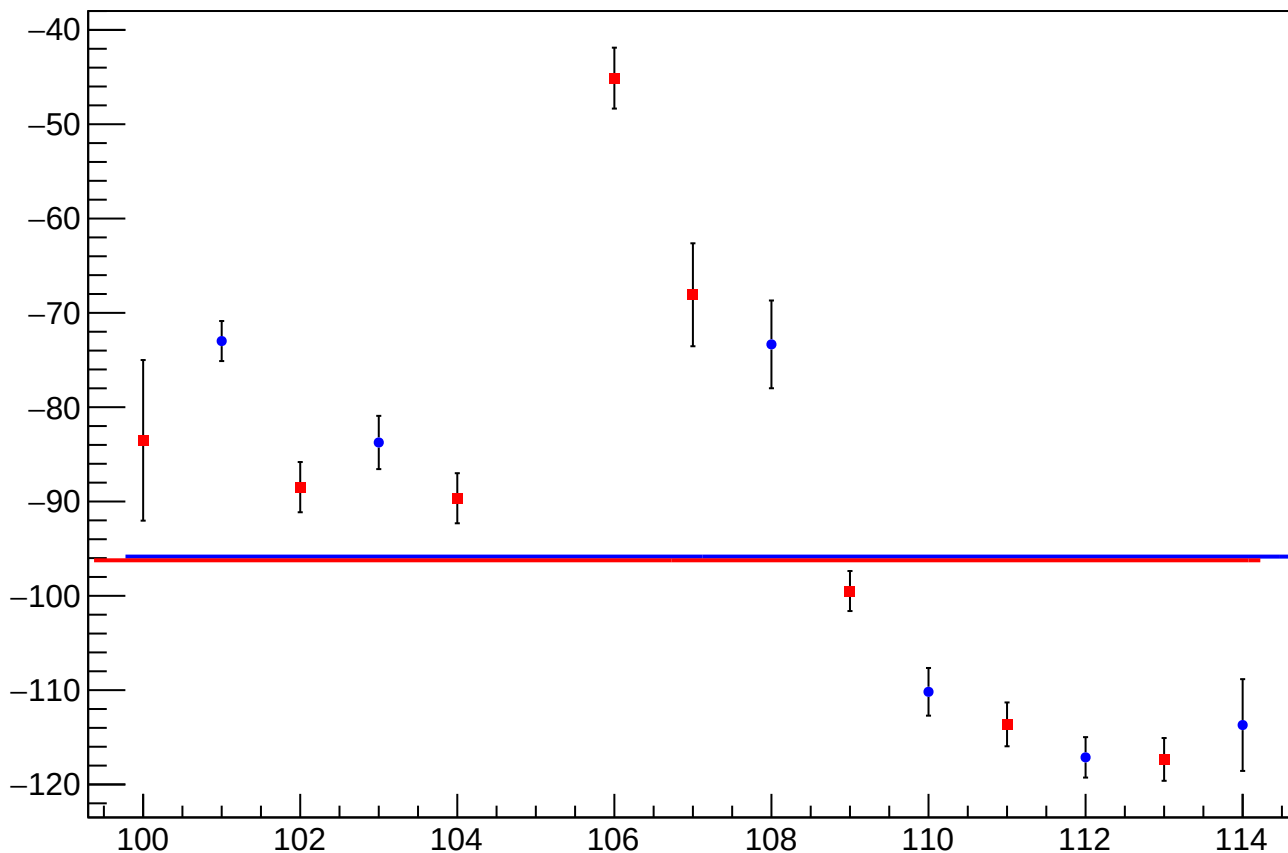
Right: 45.986+/-0.812 χ^2/NDF : 1814.8/13

In: 51.553+/-1.221 χ^2/NDF : 1015.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.986+/-0.812 χ^2/NDF : 1814.8/13

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.841+/-1.111 χ^2/NDF : 301.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.234+/-0.986 χ^2/NDF : 439.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

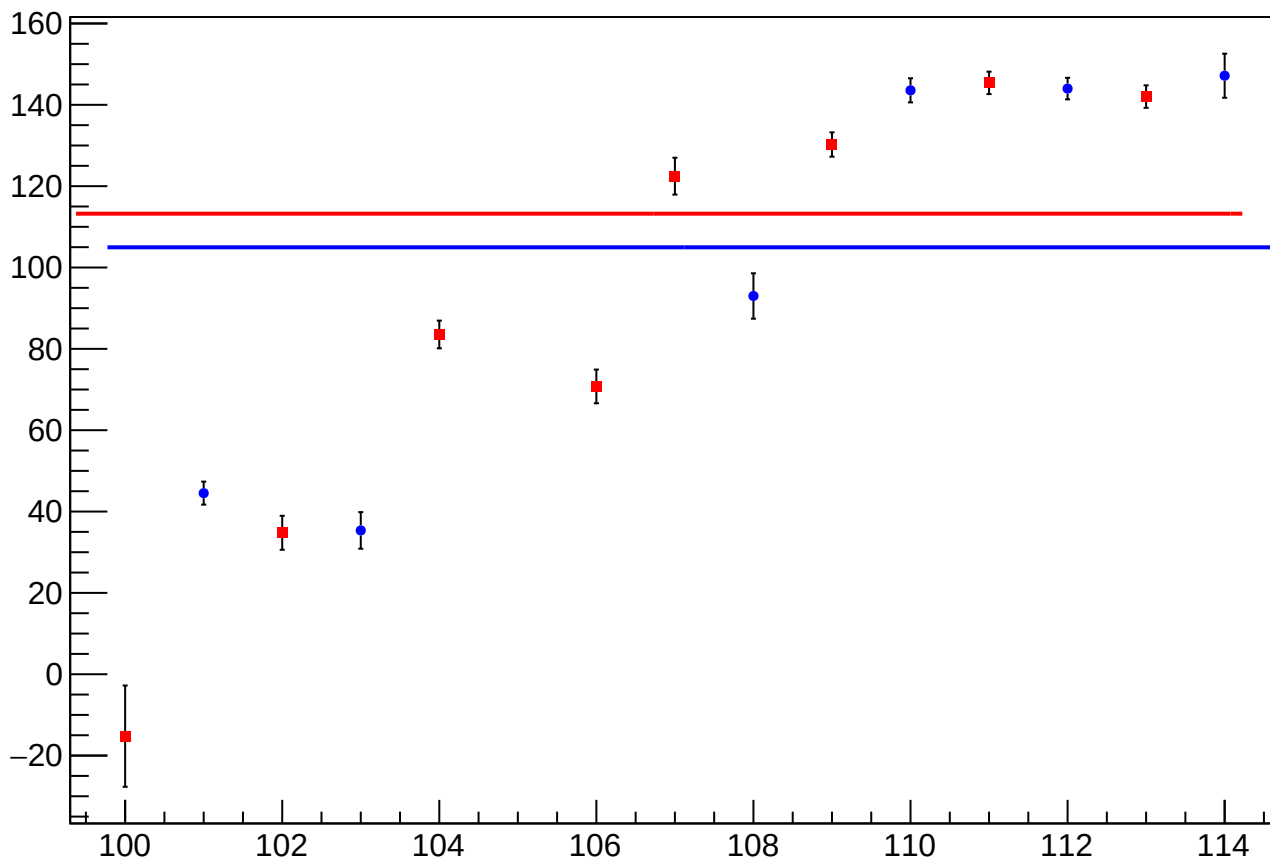
Right: -96.061+/-0.738 χ^2/NDF : 741.0/13

In: -95.841+/-1.111 χ^2/NDF : 301.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.061+/-0.738 χ^2/NDF : 741.0/13

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

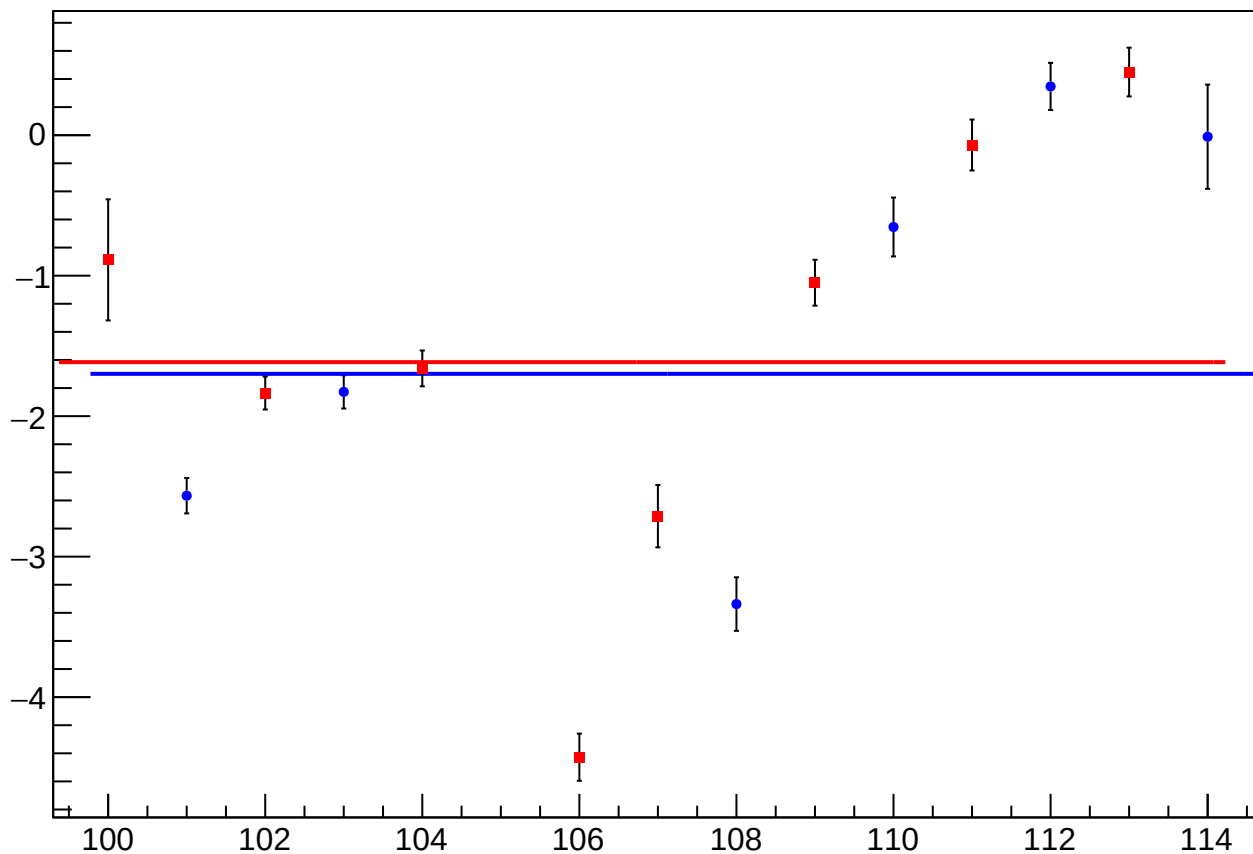
Right: 109.594 $\pm$ 0.942 χ^2 /NDF: 2088.4/13

In: 104.966 $\pm$ 1.419 χ^2 /NDF:1147.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 109.594 $\pm$ 0.942 χ^2 /NDF: 2088.4/13

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

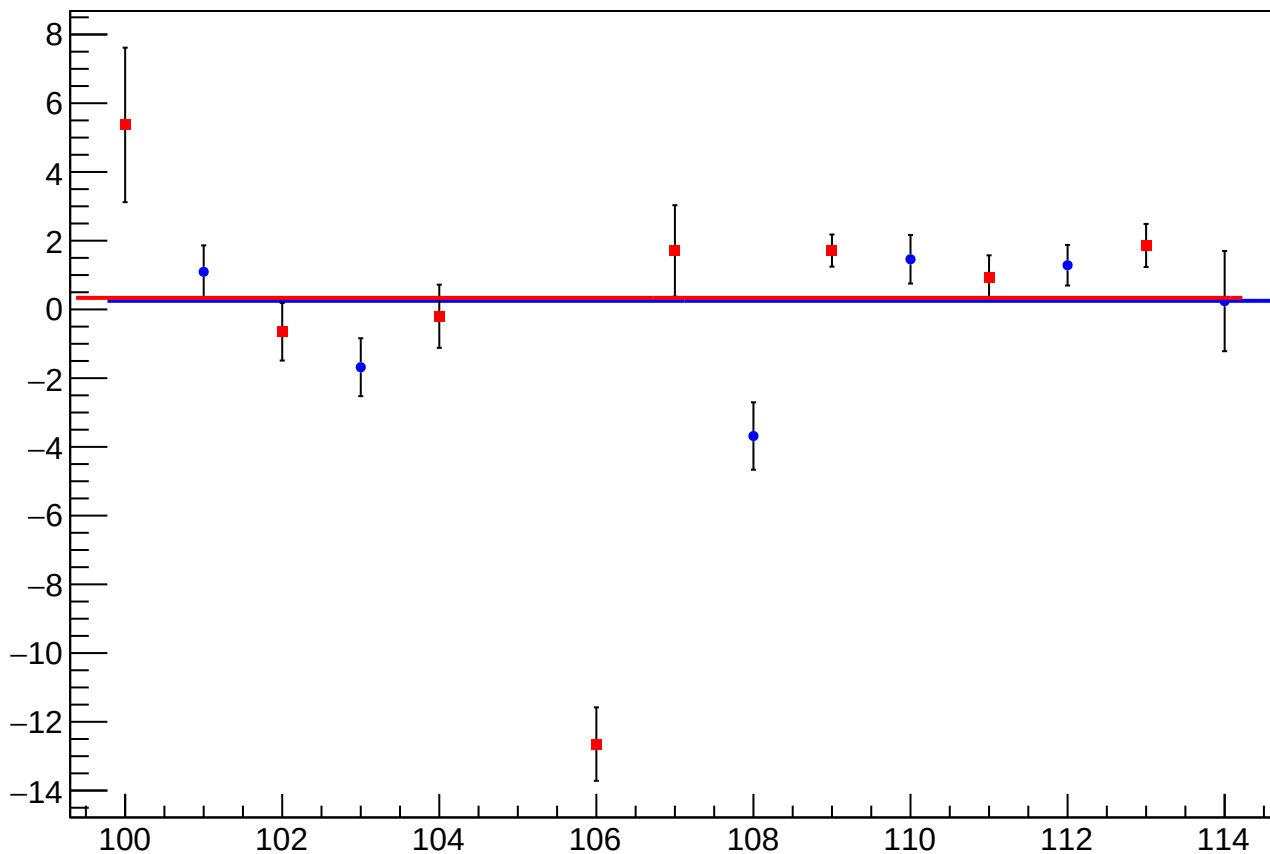
Right: -1.652+/-0.044 χ^2/NDF : 855.4/13

In: -1.699+/-0.066 χ^2/NDF : 316.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.652+/-0.044 χ^2/NDF : 855.4/13

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.325 χ^2/NDF : 28.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.336+/-0.269 χ^2/NDF : 170.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

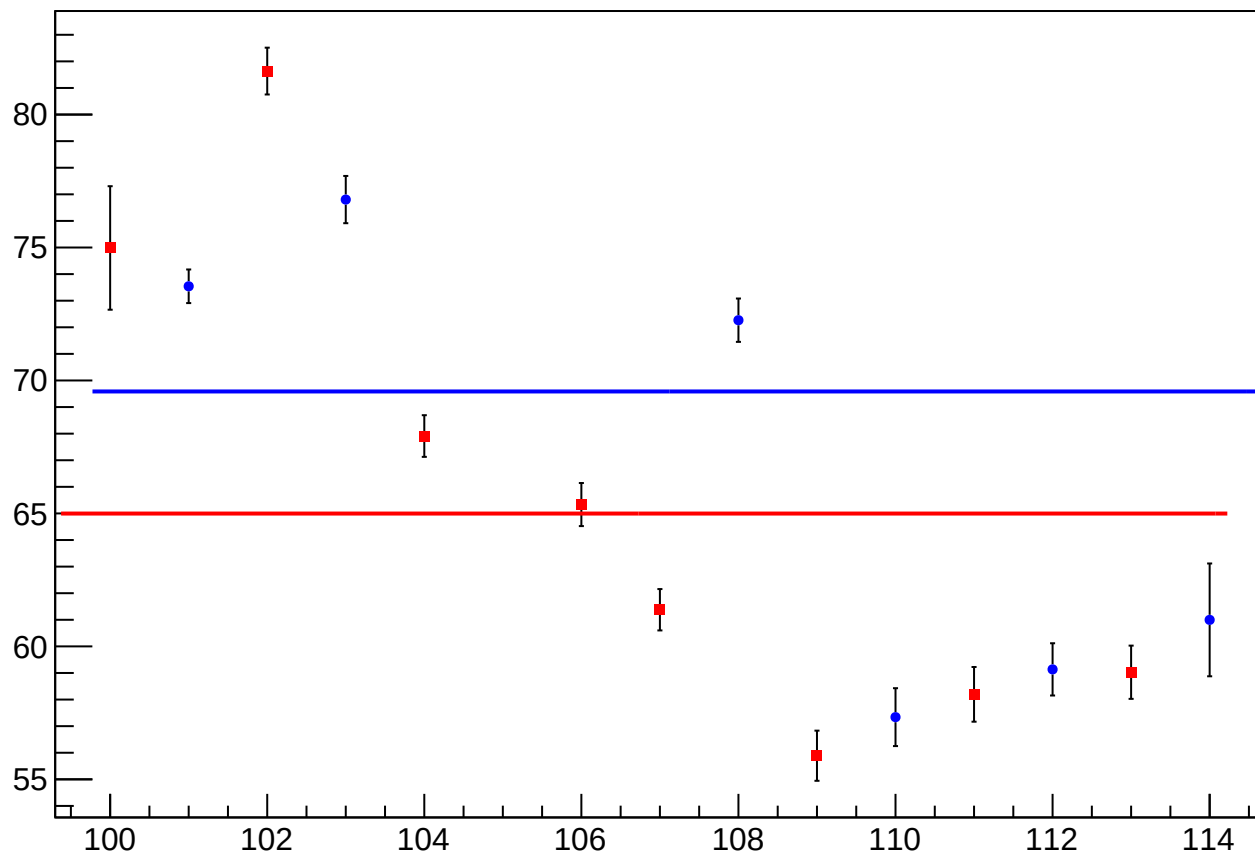
Right: 0.301+/-0.207 χ^2/NDF : 199.5/13

In: 0.251+/-0.325 χ^2/NDF : 28.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.301+/-0.207 χ^2/NDF : 199.5/13

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

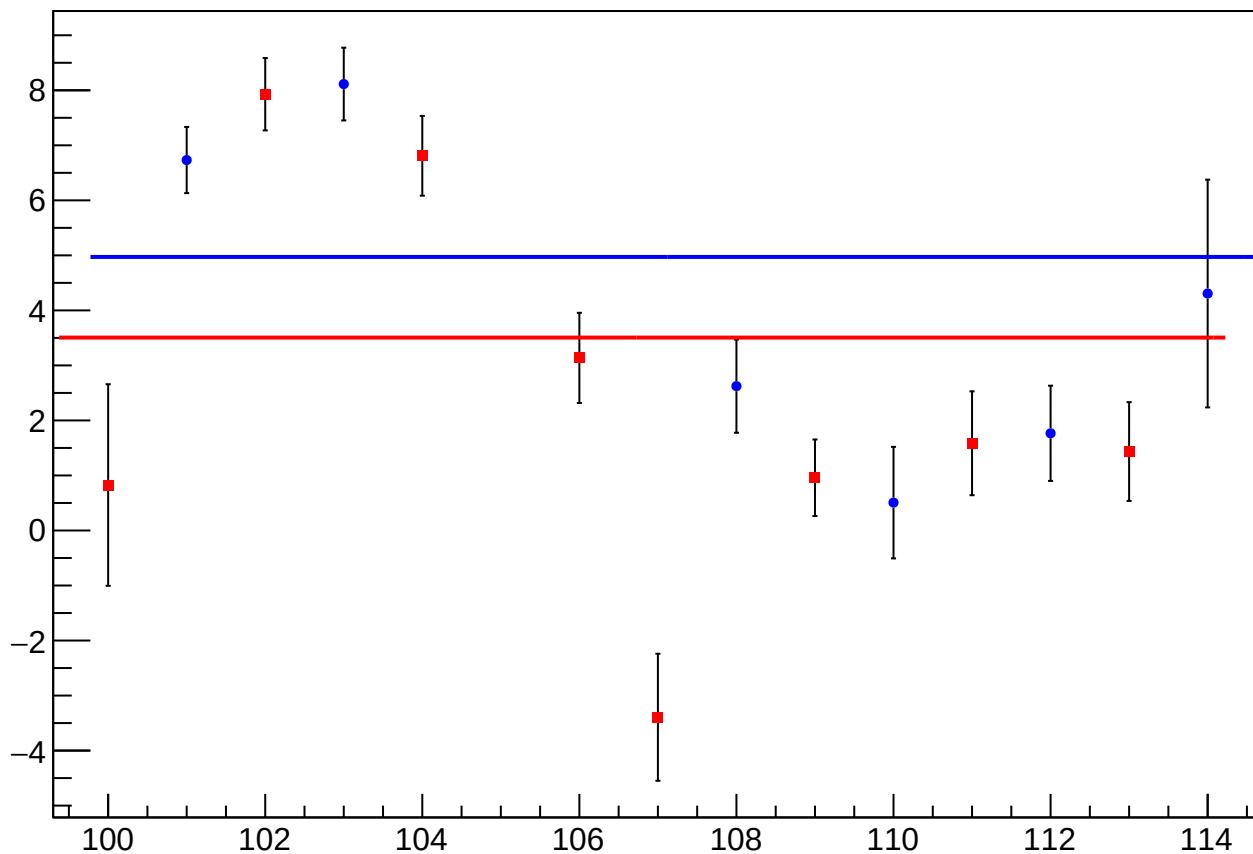
Right: 67.020 $\pm$ 0.245 χ^2 /NDF: 1043.0/13

In: 69.587 $\pm$ 0.368 χ^2 /NDF: 372.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.020 $\pm$ 0.245 χ^2 /NDF: 1043.0/13

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.971+/-0.334 χ^2/NDF : 72.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.506+/-0.299 χ^2/NDF : 127.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

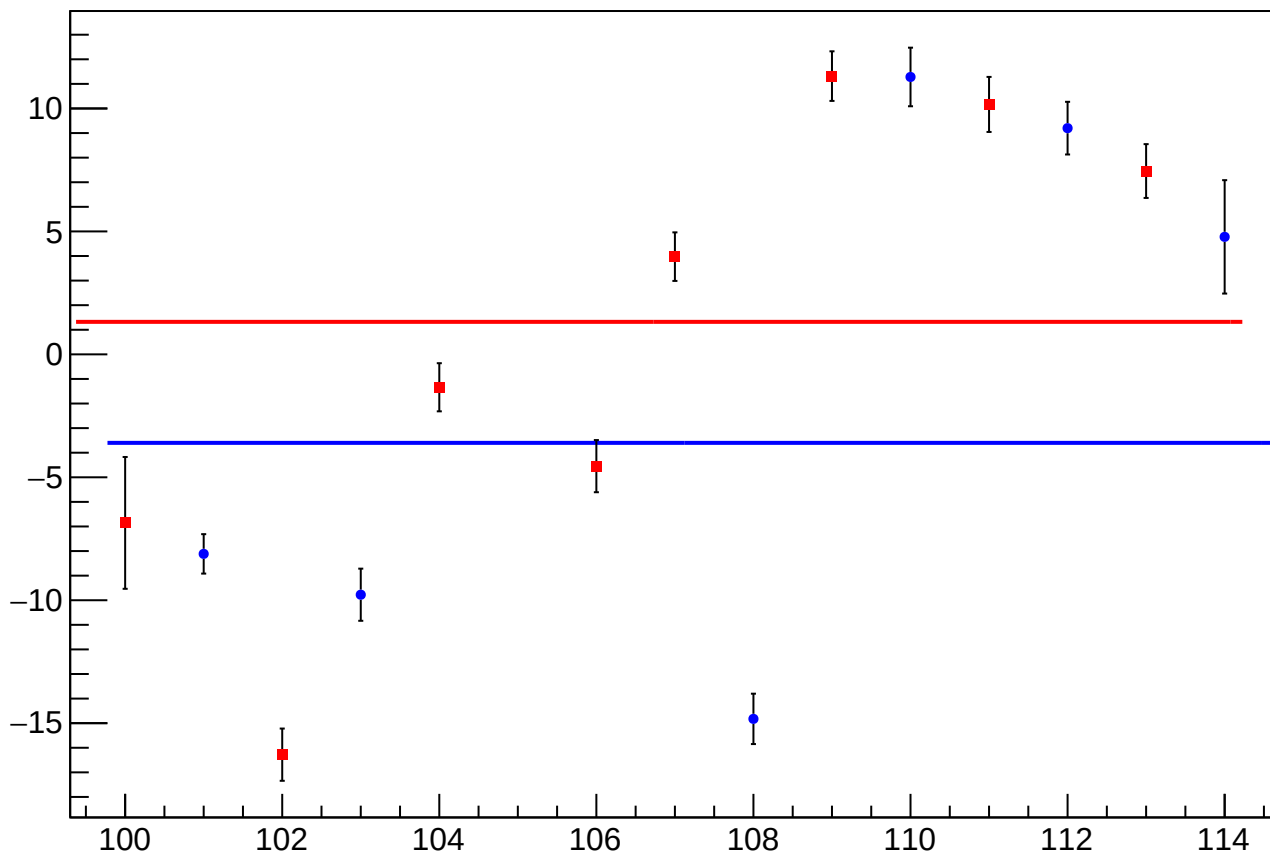
Right: 4.159+/-0.223 χ^2/NDF : 209.7/13

In: 4.971+/-0.334 χ^2/NDF : 72.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.159+/-0.223 χ^2/NDF : 209.7/13

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

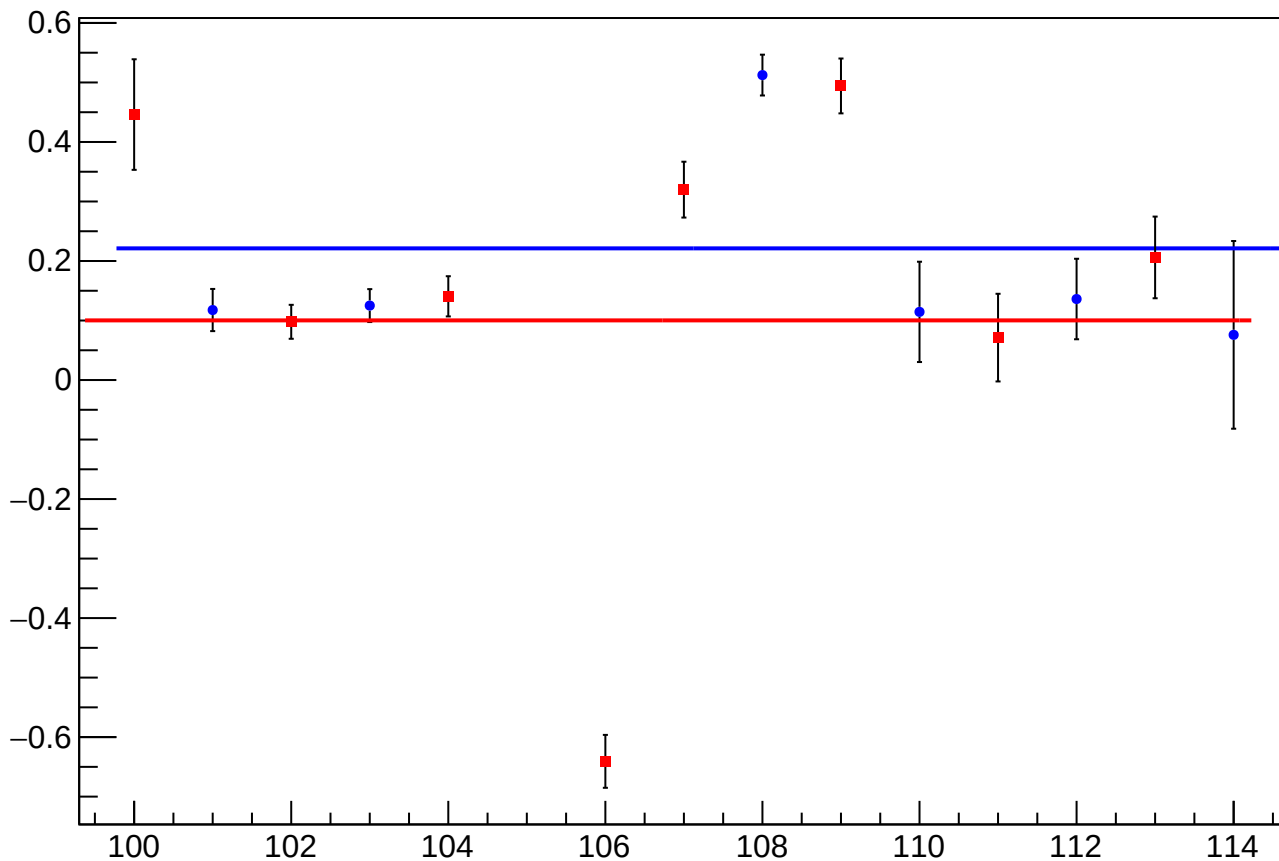
Right: -0.838+/-0.292 χ^2/NDF : 1088.9/13

In: -3.599+/-0.440 χ^2/NDF : 497.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.838+/-0.292 χ^2/NDF : 1088.9/13

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.221+/-0.017 χ^2/NDF : 96.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.100+/-0.016 χ^2/NDF : 390.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

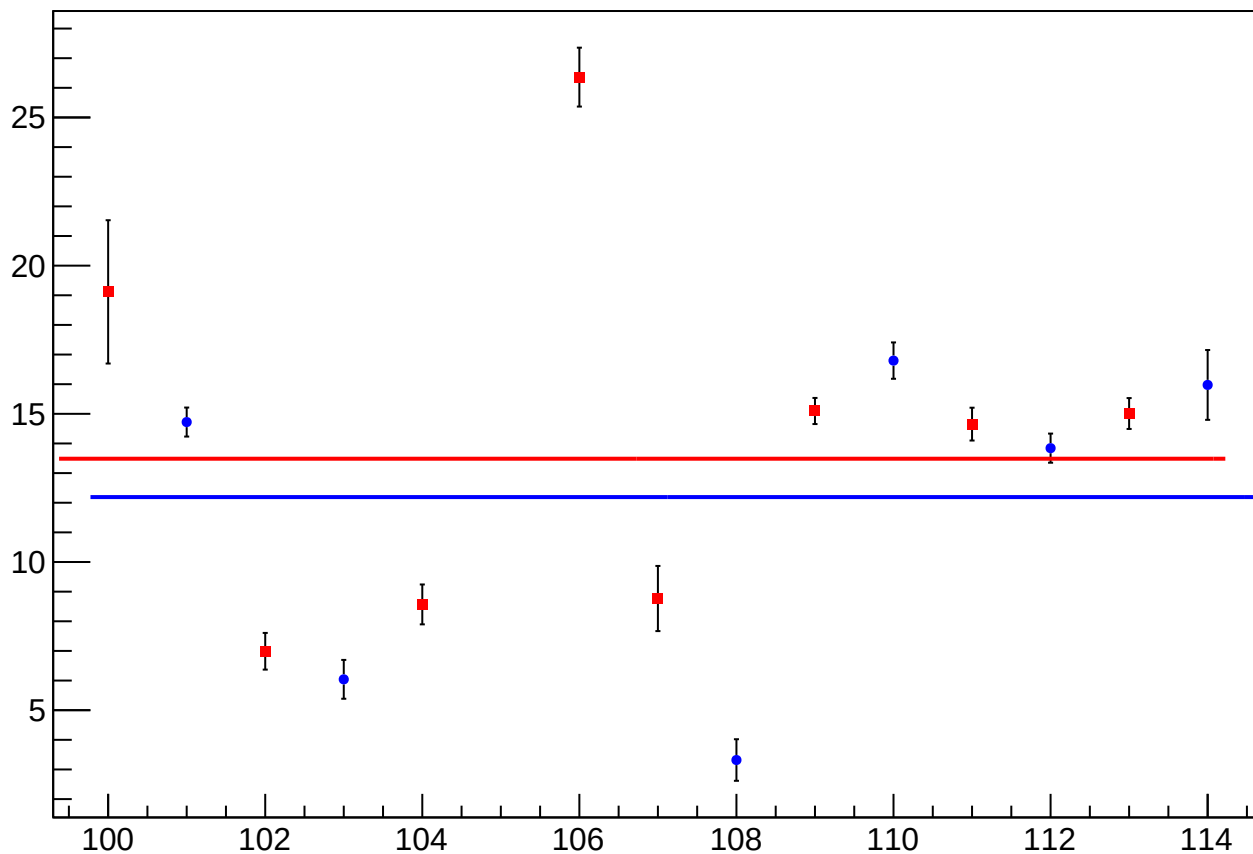
Right: 0.155+/-0.012 χ^2/NDF : 514.3/13

In: 0.221+/-0.017 χ^2/NDF : 96.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.155+/-0.012 χ^2/NDF : 514.3/13

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.191+/-0.250 χ^2 /NDF: 352.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 13.485+/-0.230 χ^2 /NDF: 381.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

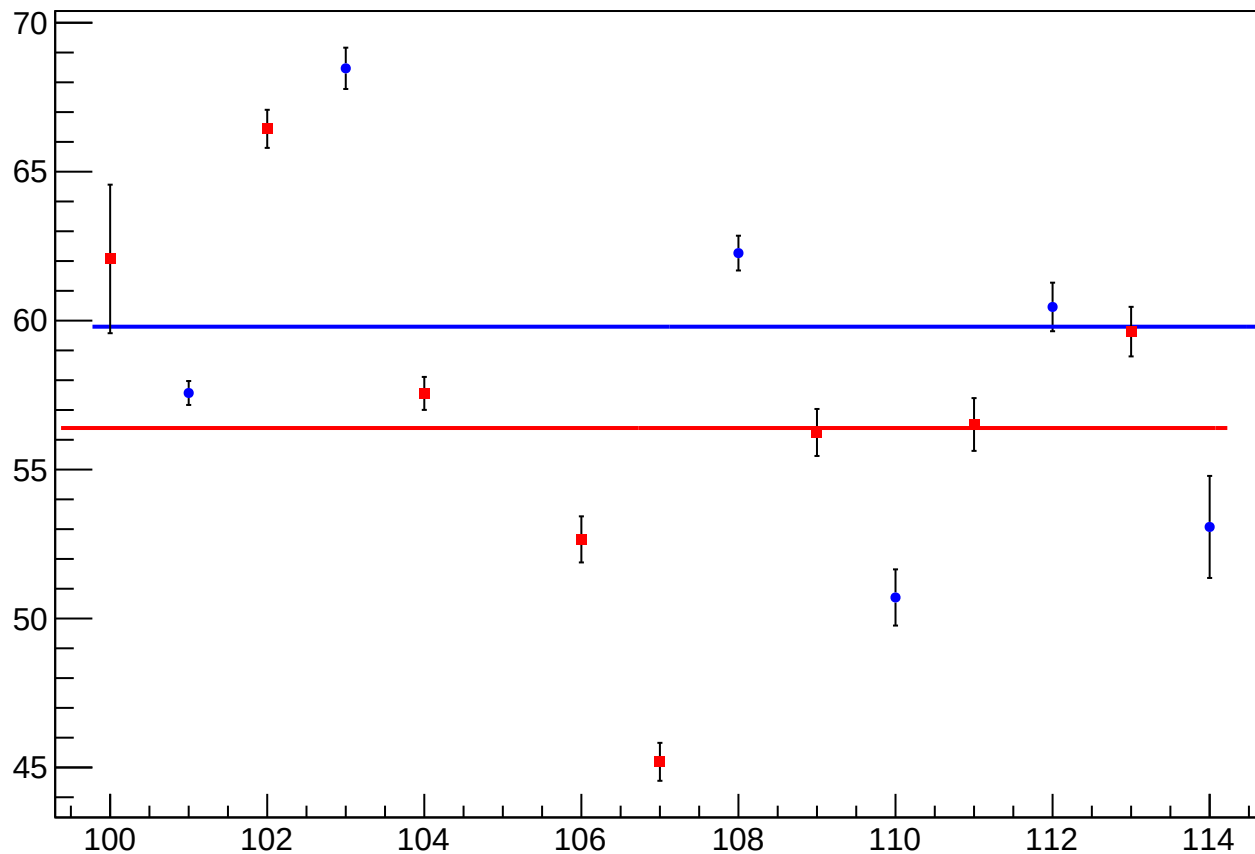
Right: 12.891+/-0.169 χ^2 /NDF: 749.0/13

In: 12.191+/-0.250 χ^2 /NDF:352.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 12.891+/-0.169 χ^2 /NDF: 749.0/13

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 59.797+/-0.266 χ^2/NDF : 314.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.395+/-0.264 χ^2/NDF : 604.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

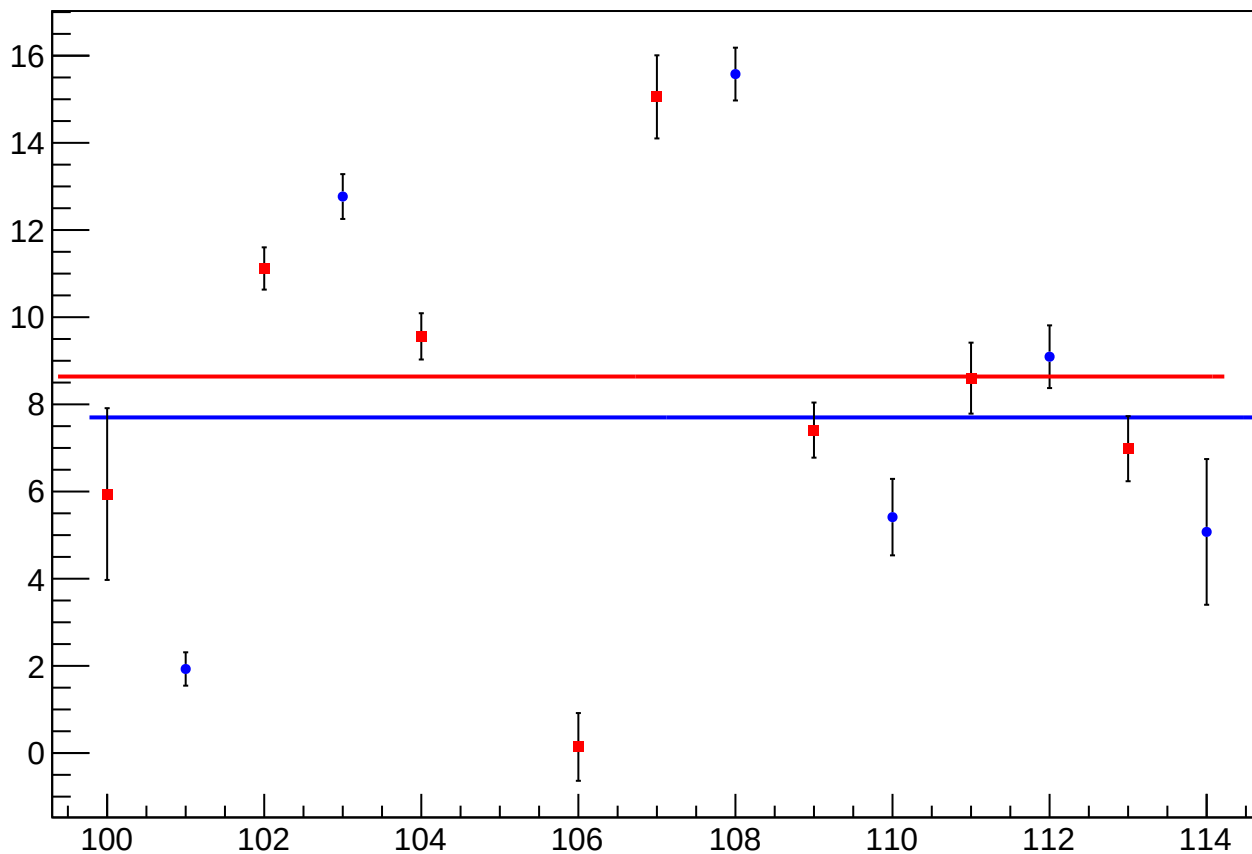
Right: 58.086+/-0.187 χ^2/NDF : 1001.0/13

In: 59.797+/-0.266 χ^2/NDF : 314.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.086+/-0.187 χ^2/NDF : 1001.0/13

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.701+/-0.243 χ^2/NDF : 506.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.639+/-0.245 χ^2/NDF : 204.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

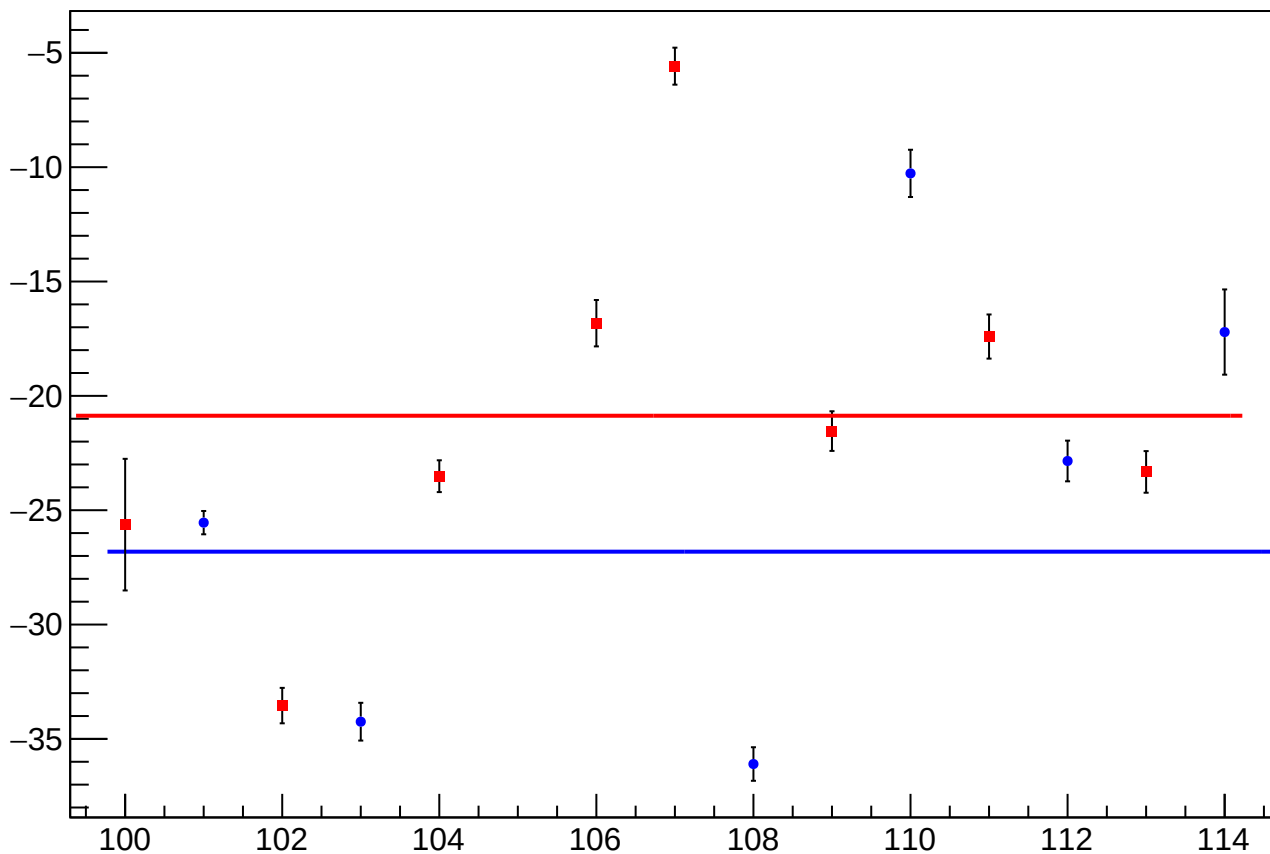
Right: 8.165+/-0.173 χ^2/NDF : 718.6/13

In: 7.701+/-0.243 χ^2/NDF : 506.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.165+/-0.173 χ^2/NDF : 718.6/13

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.813 ± 0.322 χ^2/NDF : 550.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.869 ± 0.317 χ^2/NDF : 678.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

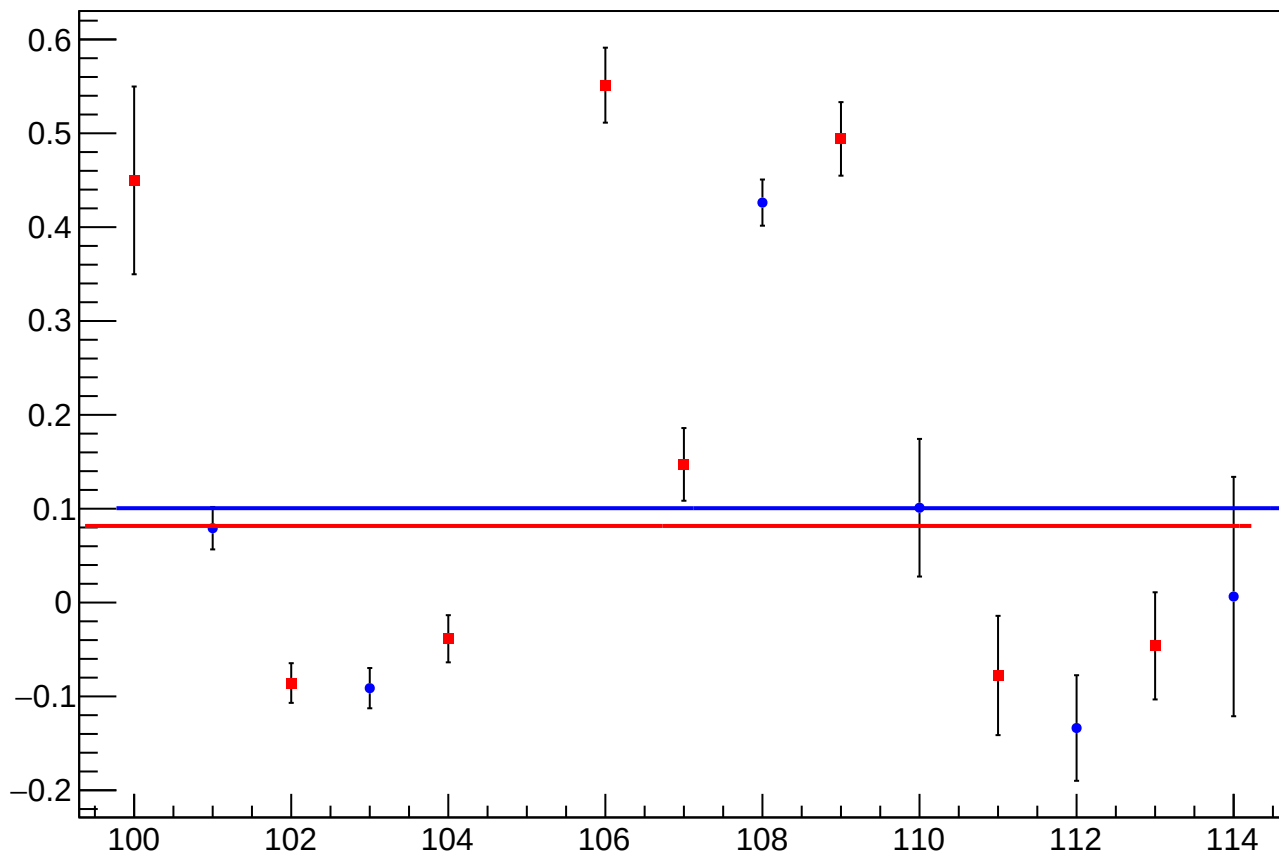
Right: -23.795 ± 0.226 χ^2/NDF : 1402.2/13

In: -26.813 ± 0.322 χ^2/NDF : 550.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.795 ± 0.226 χ^2/NDF : 1402.2/13

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

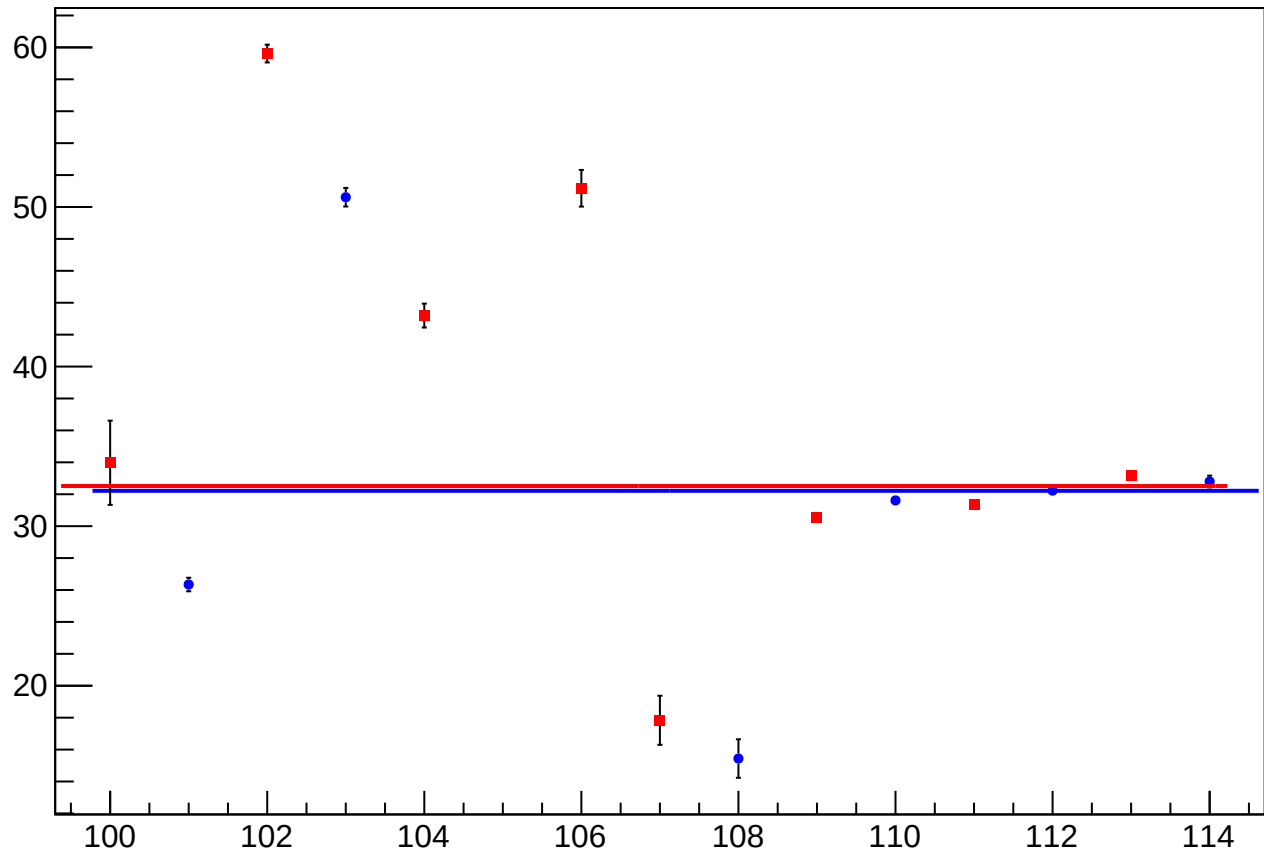
Right: 0.091 $\pm$ 0.009 χ^2 /NDF: 637.2/13

In: 0.101 $\pm$ 0.013 χ^2 /NDF:273.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.091 $\pm$ 0.009 χ^2 /NDF: 637.2/13

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

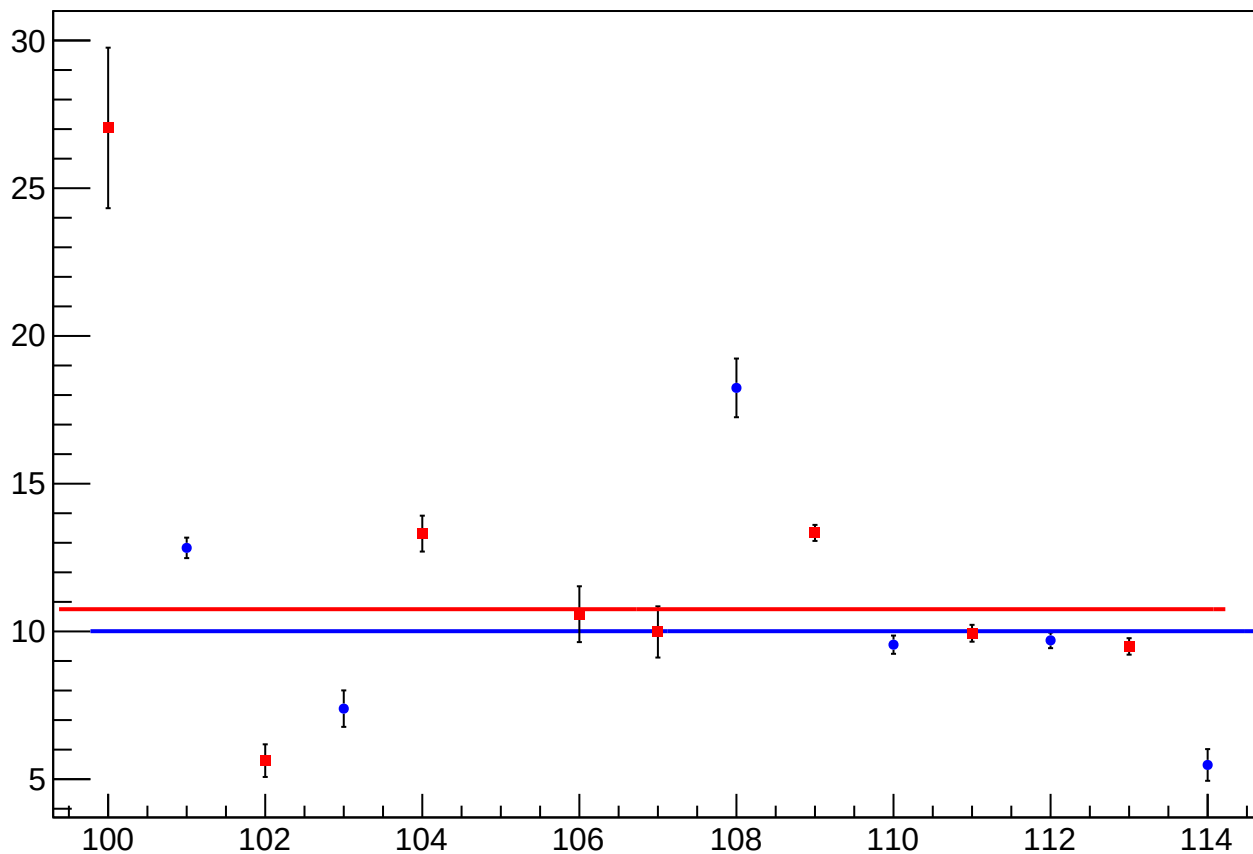
Right: 32.397+/-0.070 χ^2/NDF : 4567.7/13

In: 32.216+/-0.112 χ^2/NDF : 1393.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.397+/-0.070 χ^2/NDF : 4567.7/13

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.008+/-0.158 χ^2/NDF : 227.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.753+/-0.145 χ^2/NDF : 259.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

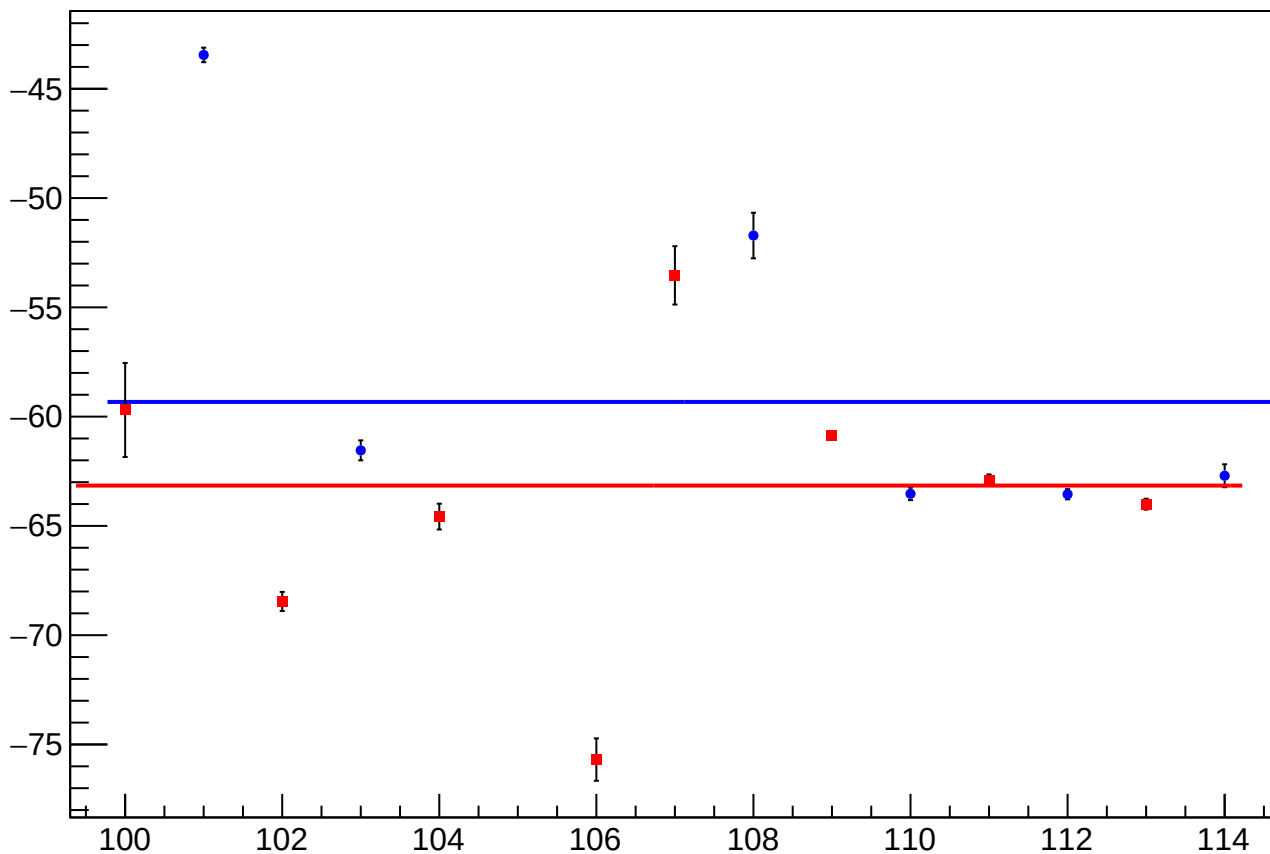
Right: 10.410+/-0.107 χ^2/NDF : 499.5/13

In: 10.008+/-0.158 χ^2/NDF : 227.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.410+/-0.107 χ^2/NDF : 499.5/13

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

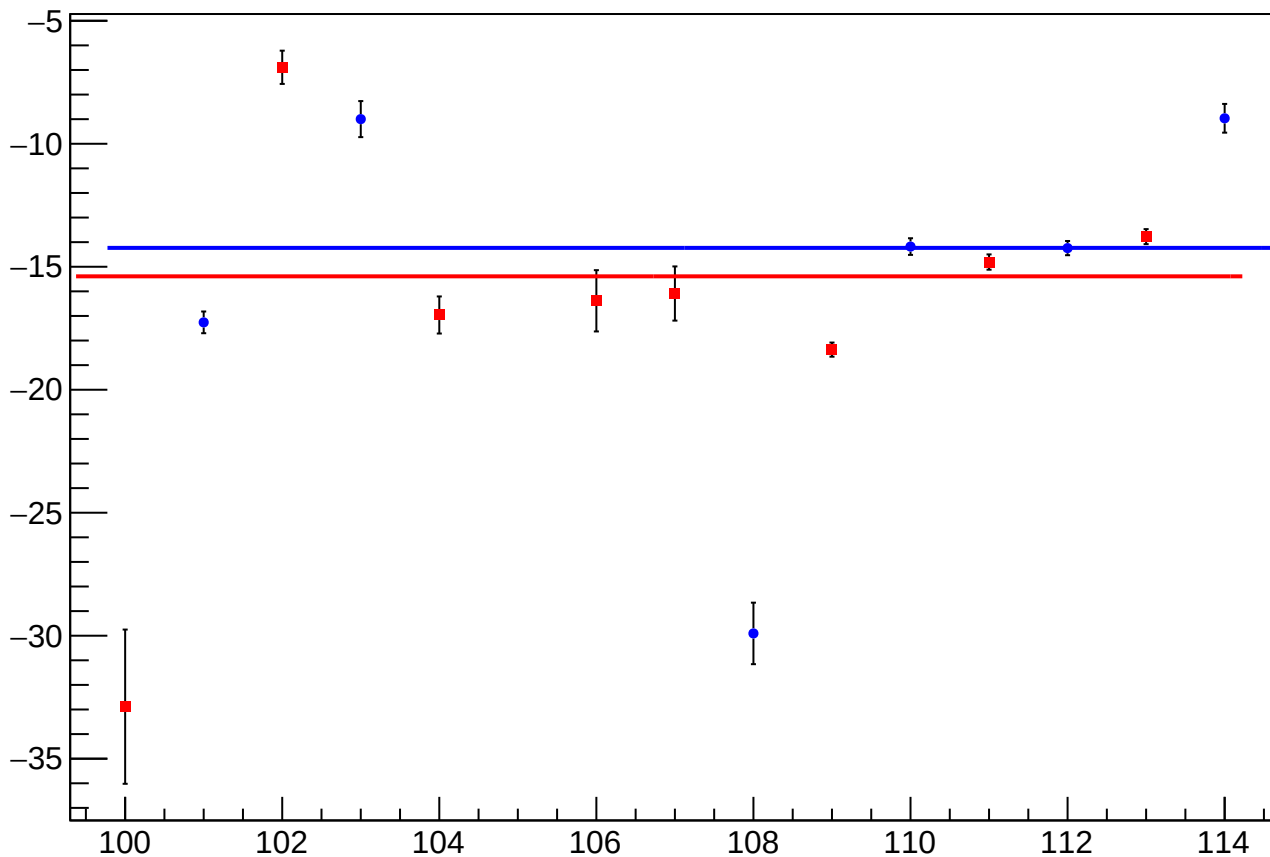
Right: -61.467 $\pm$ 0.095 χ^2 /NDF: 3834.1/13

In: -59.328 $\pm$ 0.143 χ^2 /NDF:2935.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.467 $\pm$ 0.095 χ^2 /NDF: 3834.1/13

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

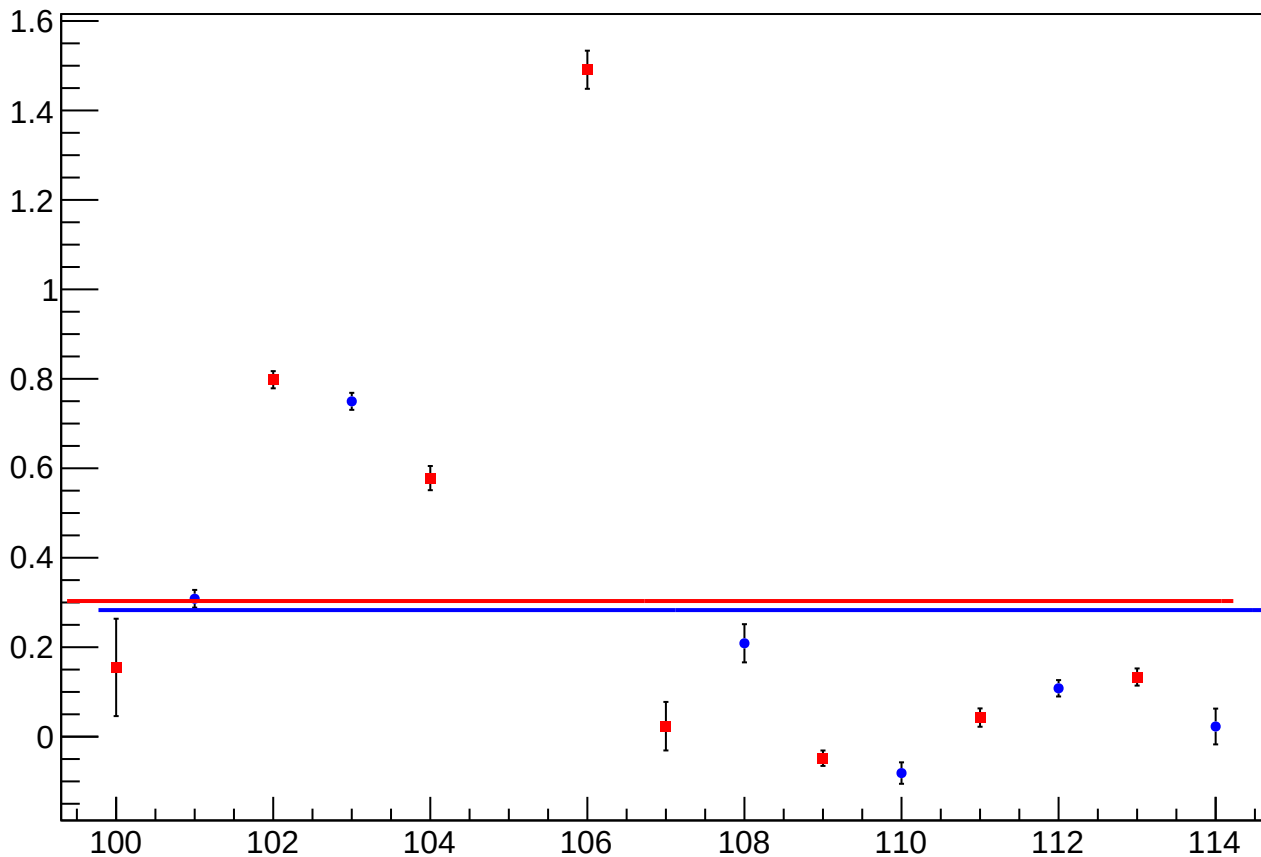
Right: -14.873 ± 0.120 χ^2/NDF : 693.5/13

In: -14.233 ± 0.179 χ^2/NDF : 336.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.873 ± 0.120 χ^2/NDF : 693.5/13

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

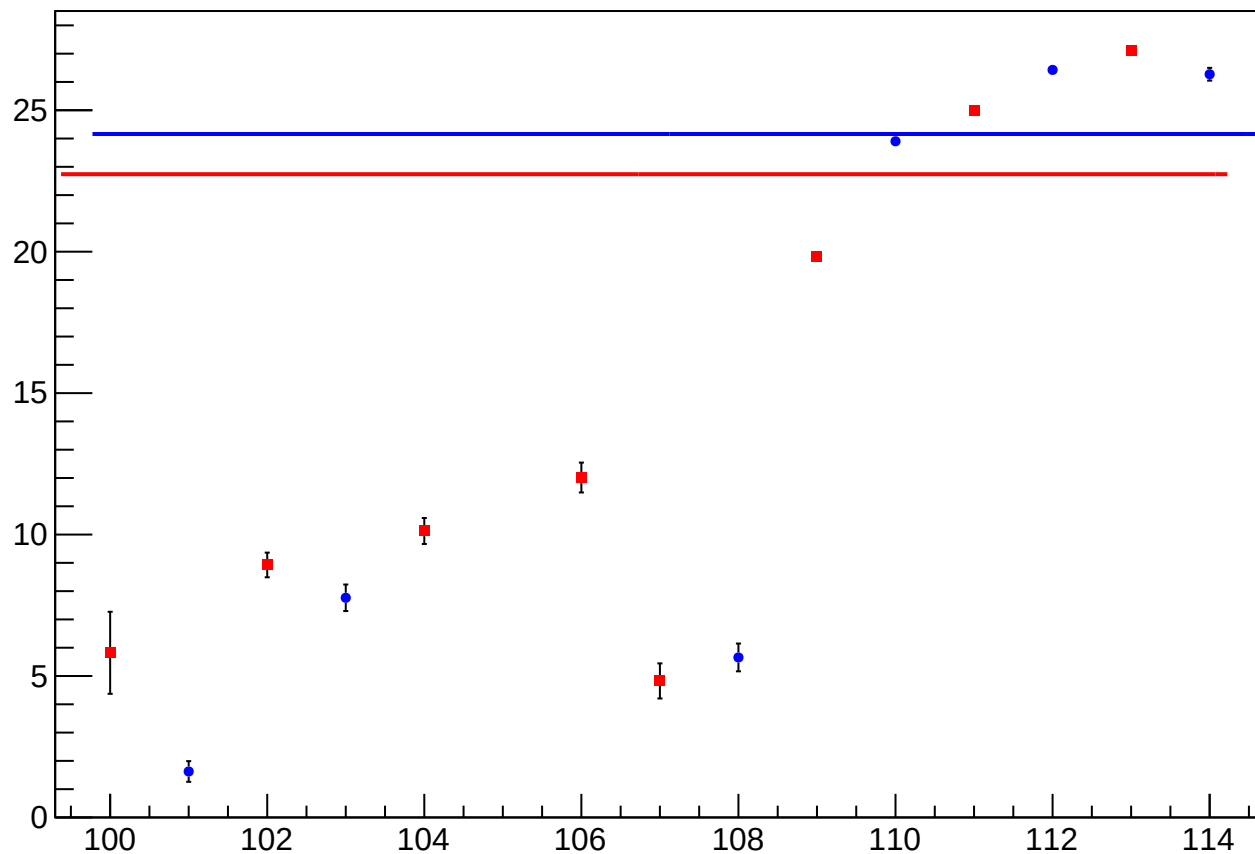
Right: 0.294+/-0.006 χ^2/NDF : 3203.8/13

In: 0.283+/-0.009 χ^2/NDF :972.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.294+/-0.006 χ^2/NDF : 3203.8/13

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

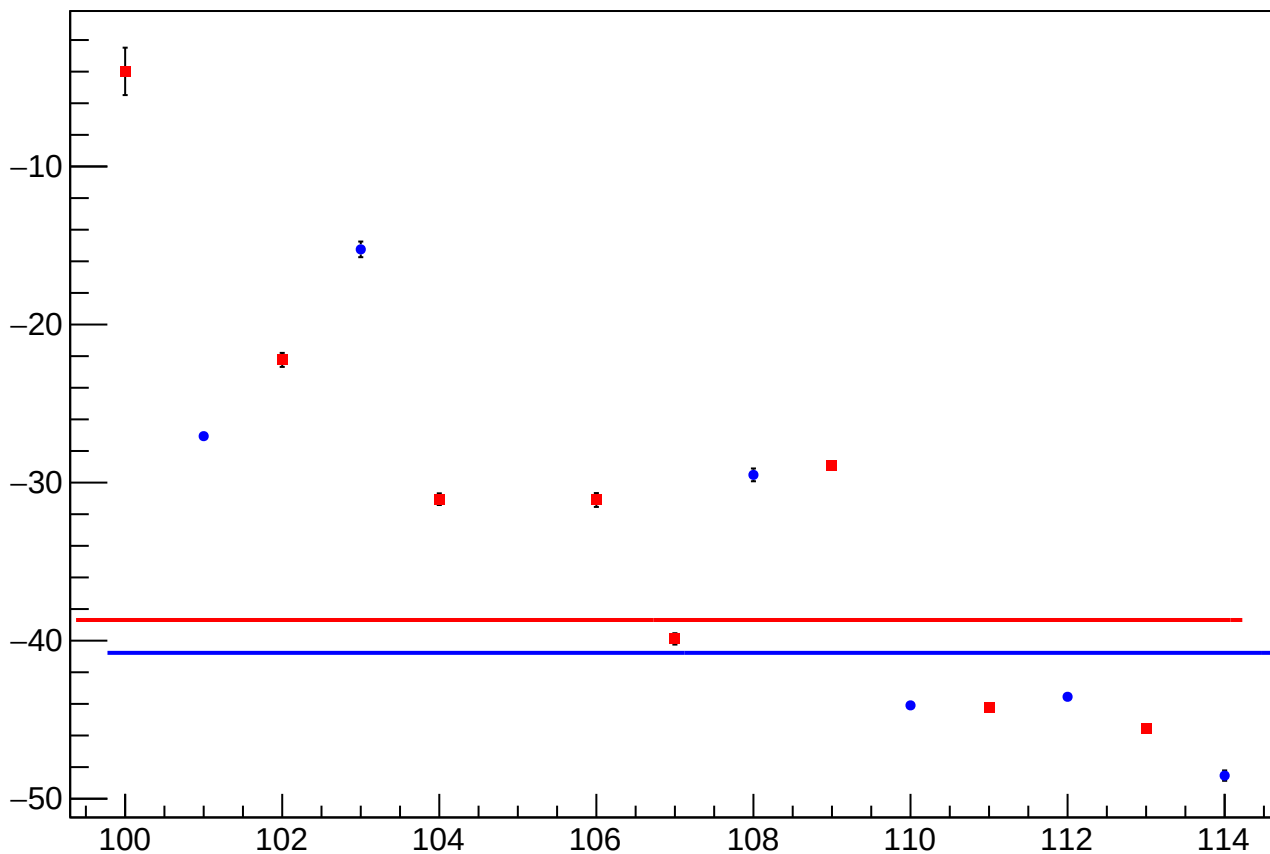
Right: 23.284 $\pm$ 0.039 χ^2 /NDF: 14681.8/13

In: 24.160 $\pm$ 0.062 χ^2 /NDF:7214.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.284 $\pm$ 0.039 χ^2 /NDF: 14681.8/13

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

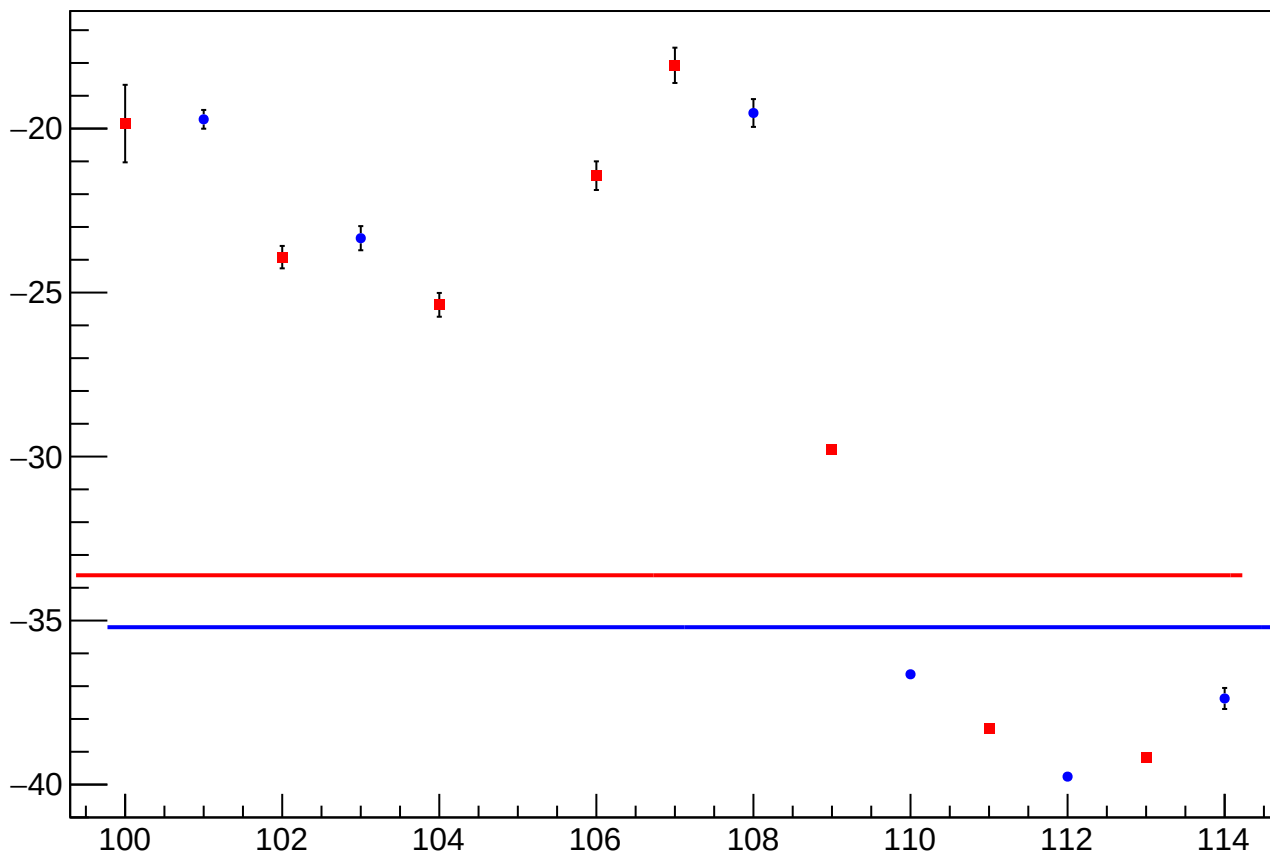
Right: -39.599 ± 0.061 χ^2/NDF : 16576.1/13

In: -40.771 ± 0.093 χ^2/NDF : 6895.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.599 ± 0.061 χ^2/NDF : 16576.1/13

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

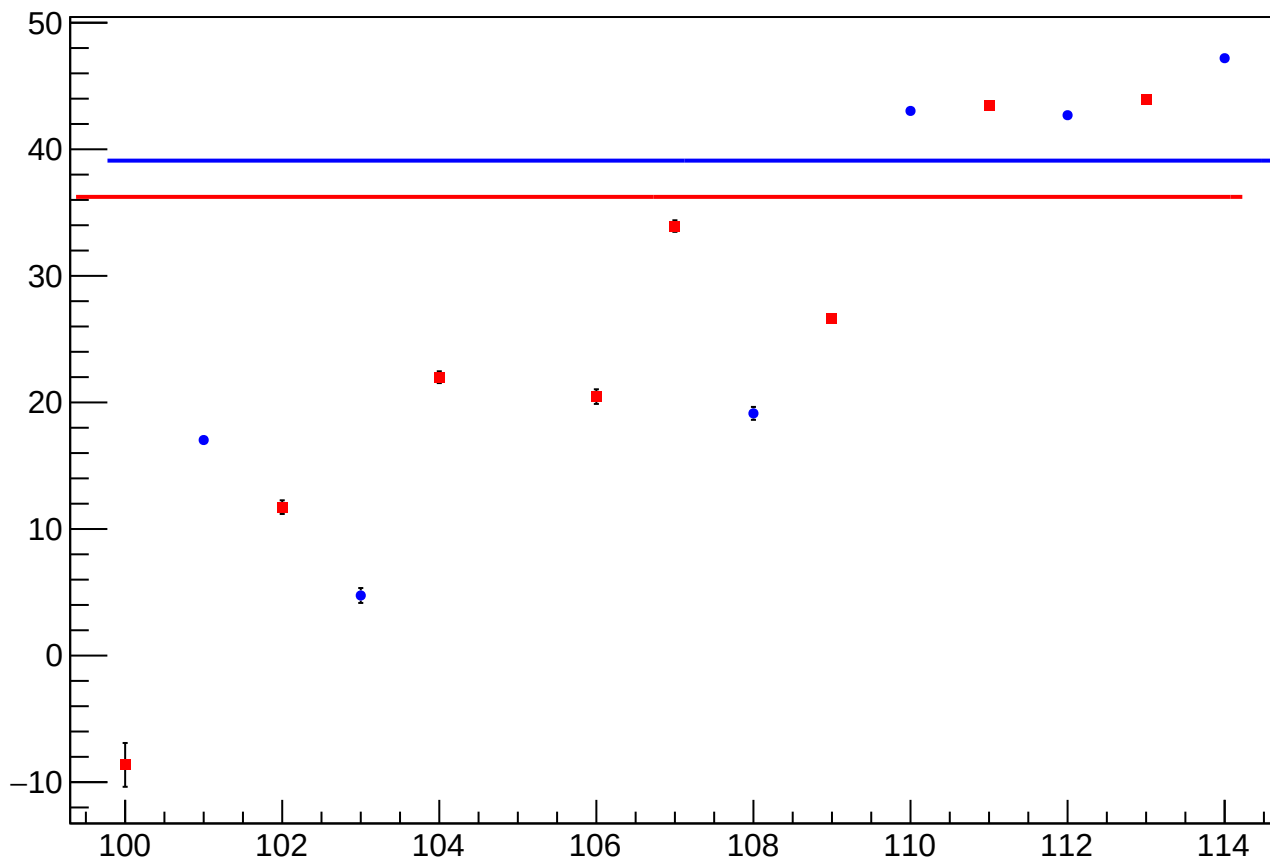
Right: -34.265 $\pm$ 0.054 χ^2 /NDF: 13844.3/13

In: -35.202 $\pm$ 0.085 χ^2 /NDF:6752.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.265 $\pm$ 0.054 χ^2 /NDF: 13844.3/13

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.105+/-0.104 χ^2/NDF : 9829.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.241+/-0.090 χ^2/NDF : 11619.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

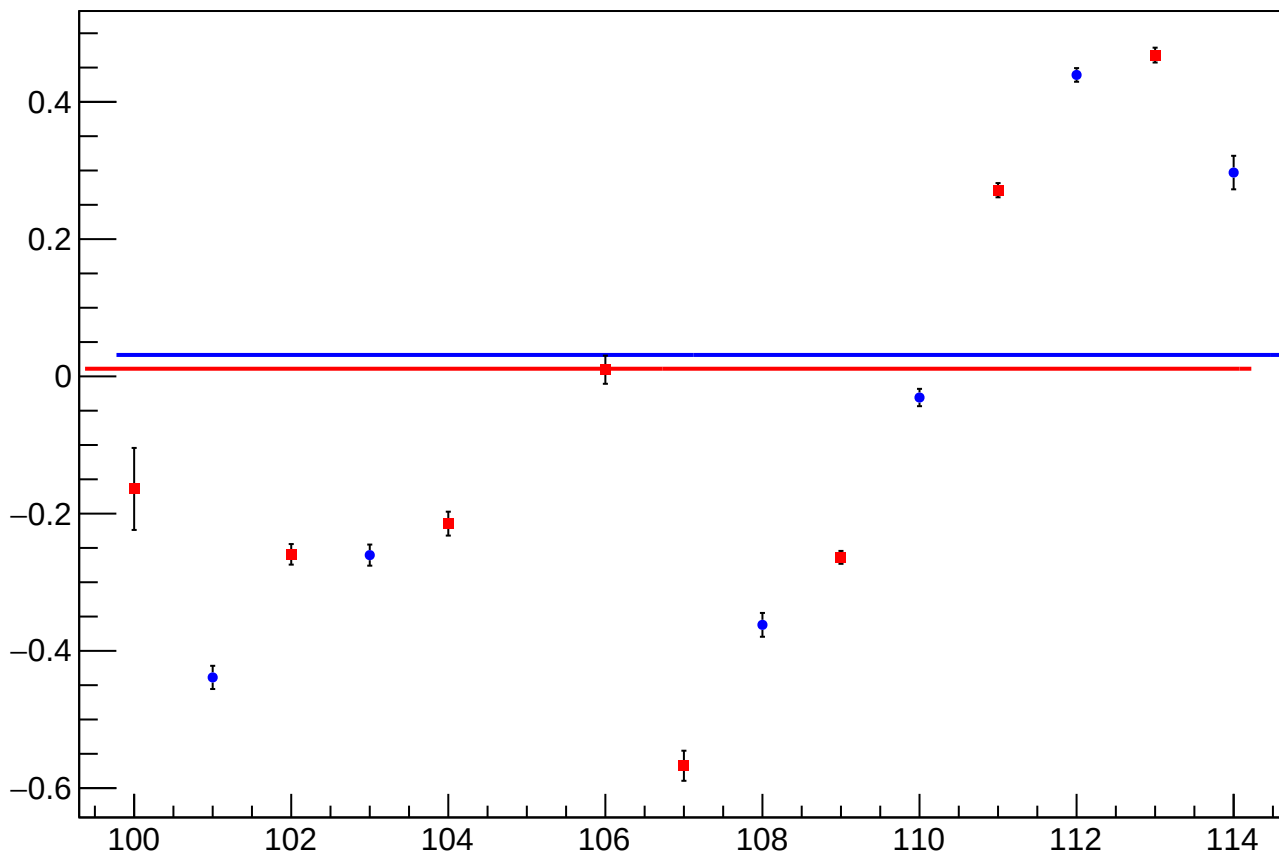
Right: 37.468+/-0.068 χ^2/NDF : 21883.2/13

In: 39.105+/-0.104 χ^2/NDF : 9829.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.468+/-0.068 χ^2/NDF : 21883.2/13

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

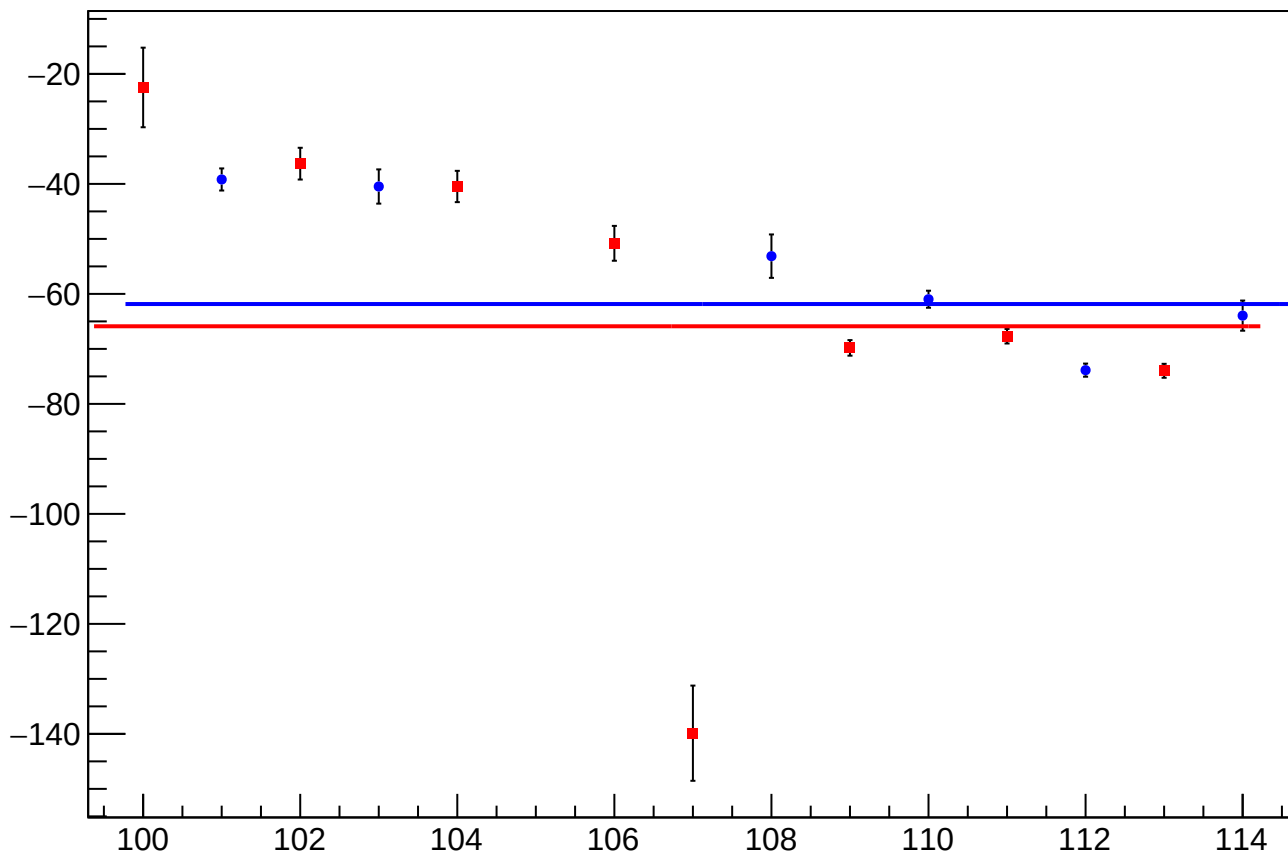
Right: 0.019+/-0.004 χ^2/NDF : 7943.4/13

In: 0.031+/-0.006 χ^2/NDF :3469.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.004 χ^2/NDF : 7943.4/13

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

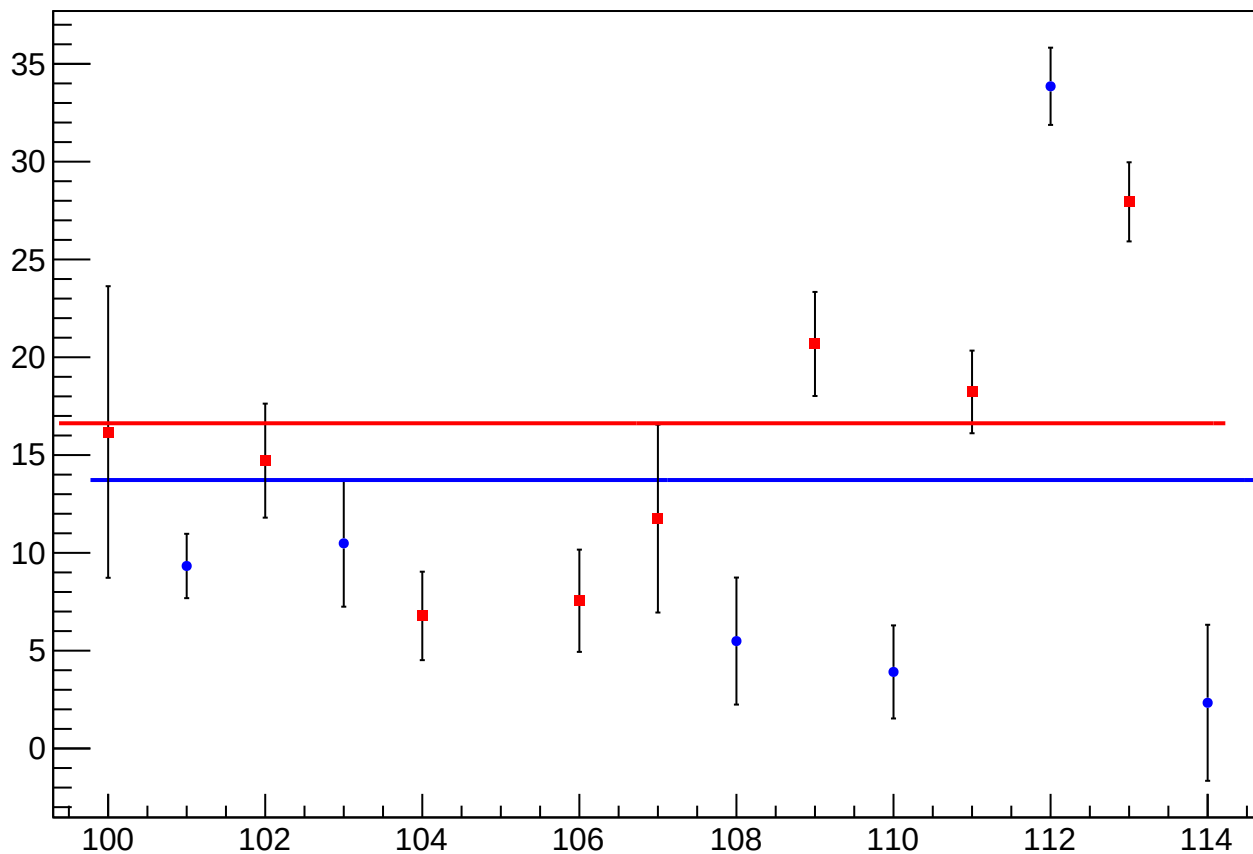
Right: -64.084 ± 0.517 χ^2/NDF : 663.4/13

In: -61.844 ± 0.774 χ^2/NDF : 281.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.084 ± 0.517 χ^2/NDF : 663.4/13

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.723+/-0.973 χ^2 /NDF: 143.7/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.625+/-0.940 χ^2 /NDF: 66.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

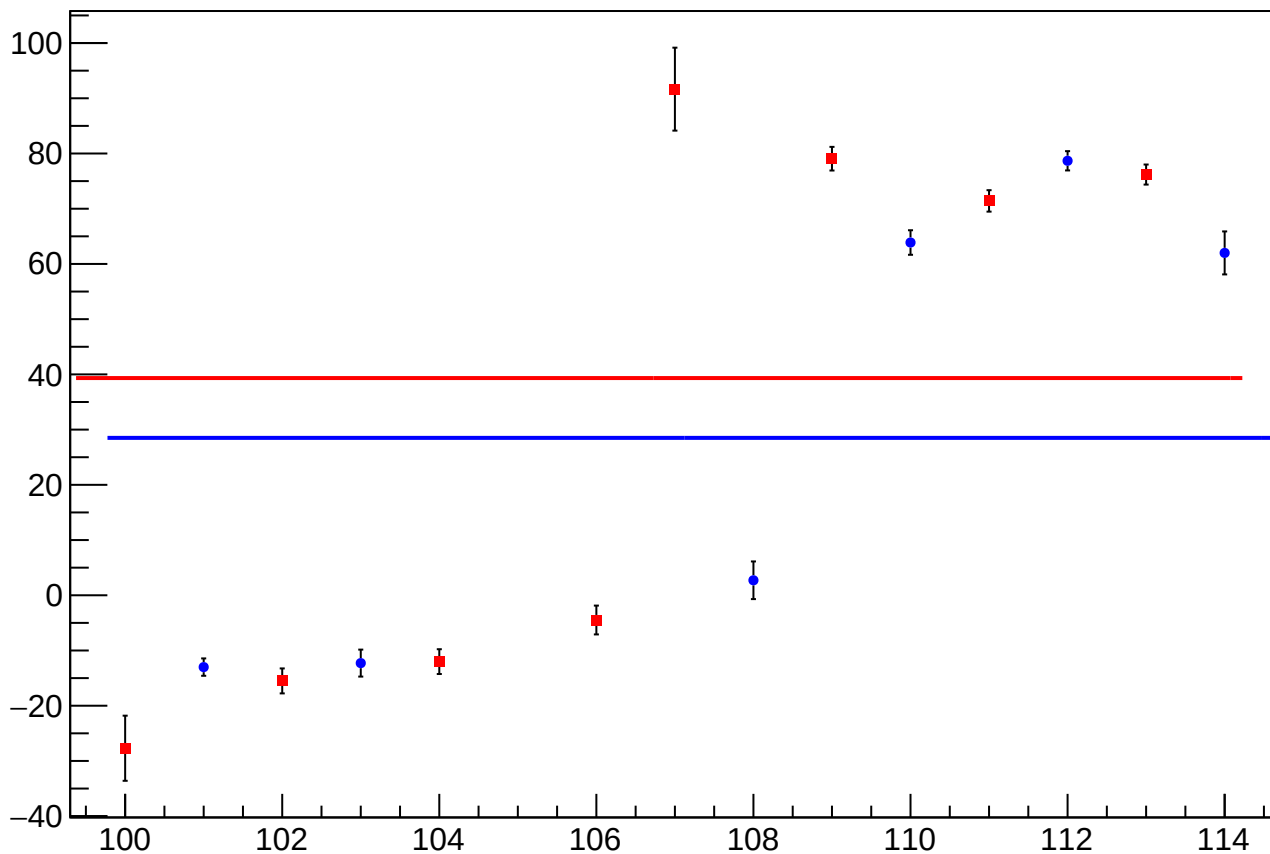
Right: 15.224+/-0.676 χ^2 /NDF: 215.0/13

In: 13.723+/-0.973 χ^2 /NDF:143.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.224+/-0.676 χ^2 /NDF: 215.0/13

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.504+/-0.893 χ^2 /NDF: 2185.6/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.335+/-0.853 χ^2 /NDF: 2600.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

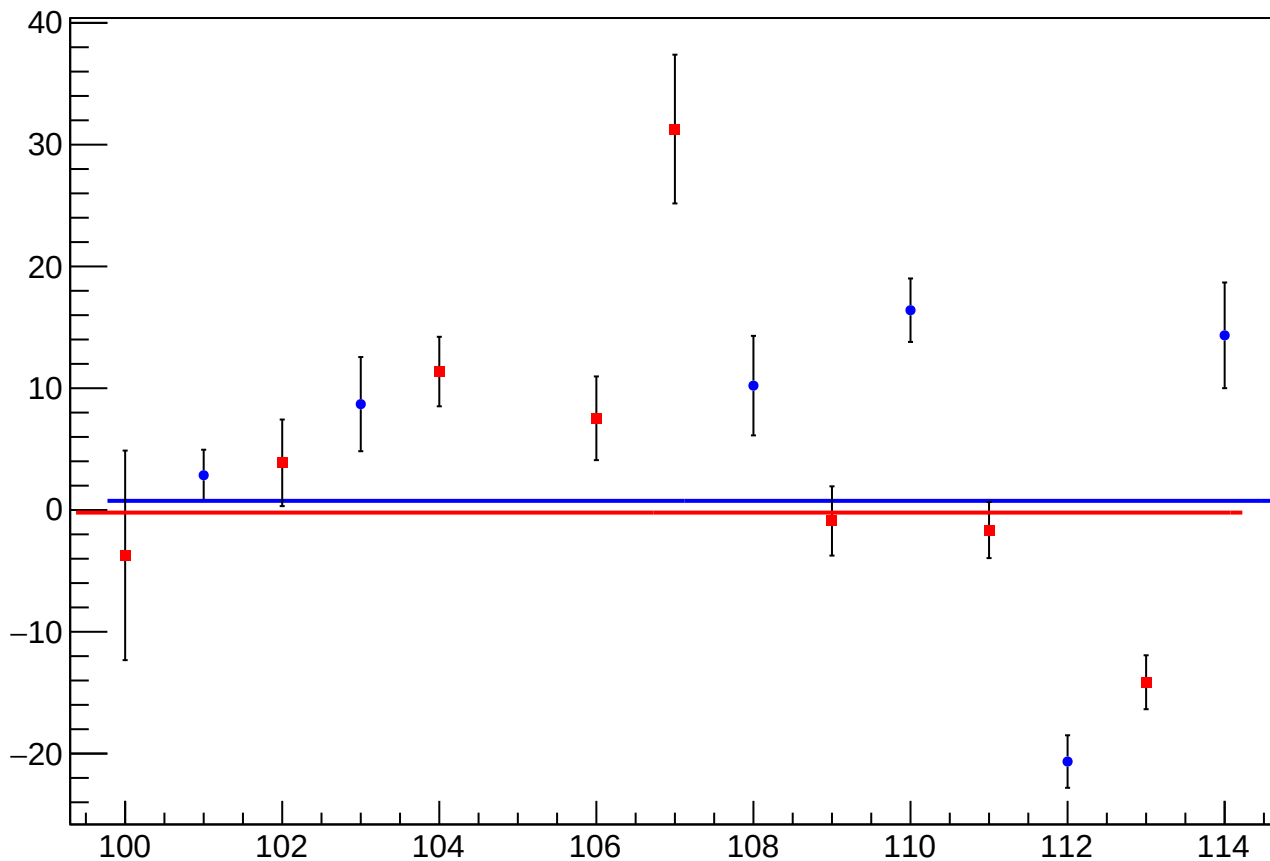
Right: 34.166+/-0.617 χ^2 /NDF: 4862.6/13

In: 28.504+/-0.893 χ^2 /NDF:2185.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 34.166+/-0.617 χ^2 /NDF: 4862.6/13

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

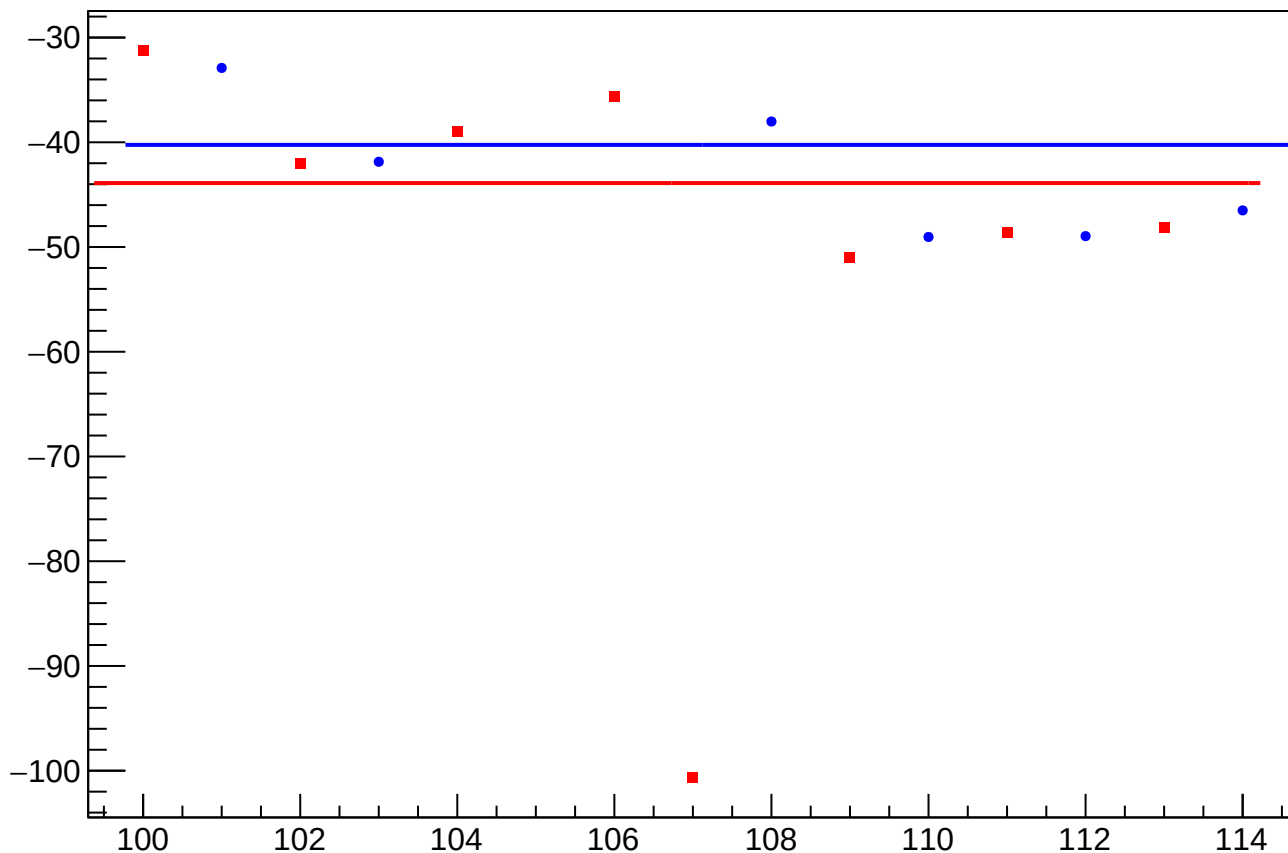
Right: 0.249+/-0.787 χ^2/NDF : 245.0/13

In: 0.753+/-1.140 χ^2/NDF : 155.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.249+/-0.787 χ^2/NDF : 245.0/13

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

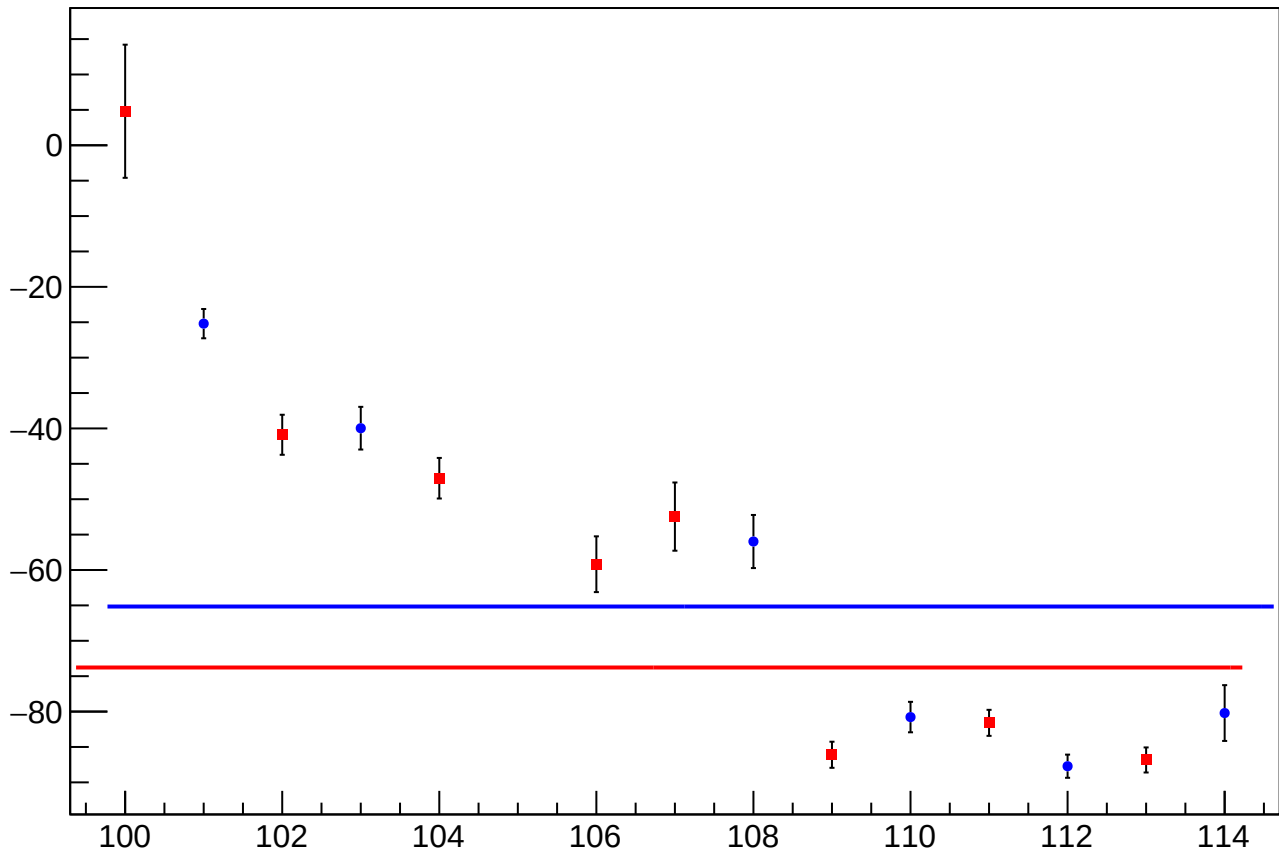
Right: -42.208 ± 0.036 χ^2/NDF : 63326.6/13

In: -40.246 ± 0.053 χ^2/NDF : 13431.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.208 ± 0.036 χ^2/NDF : 63326.6/13

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

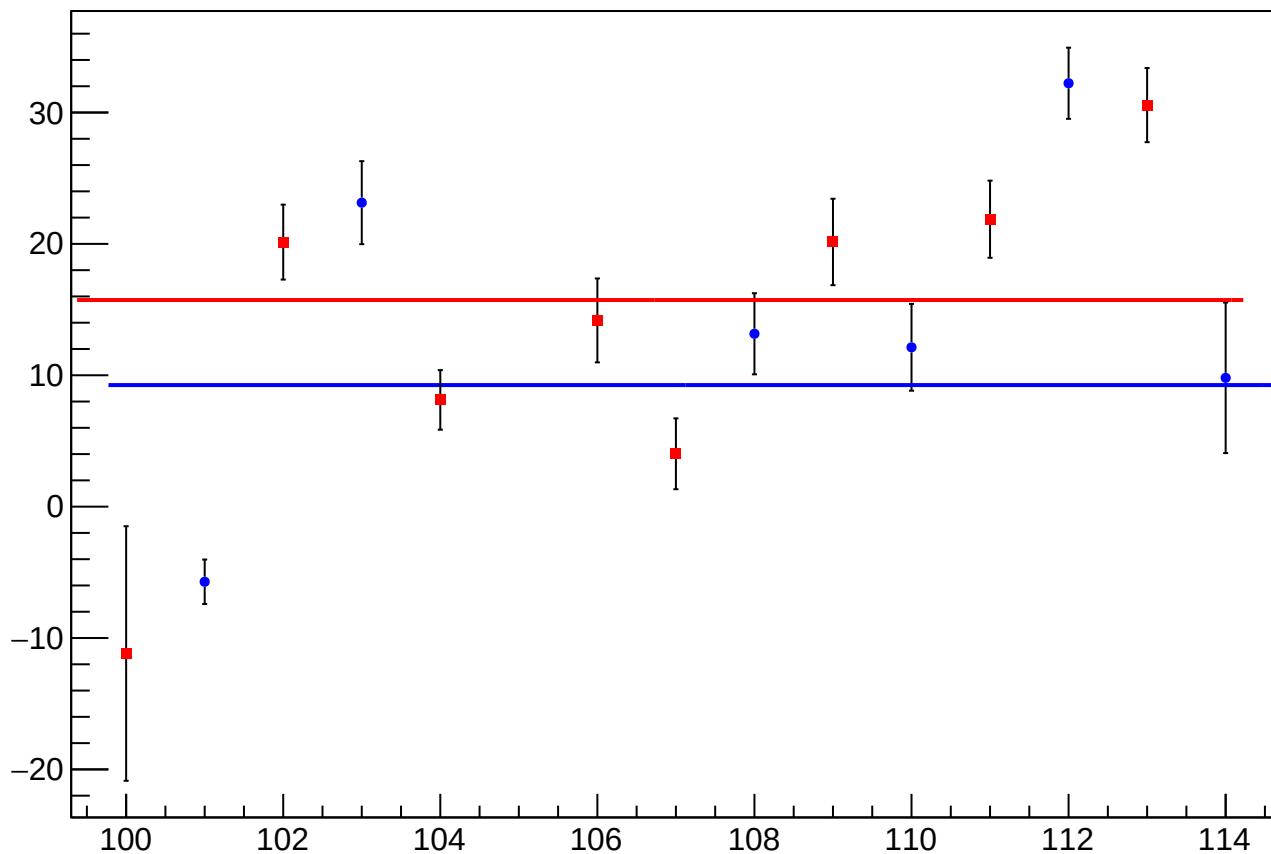
Right: -69.847 ± 0.653 χ^2/NDF : 1191.4/13

In: -65.159 ± 0.968 χ^2/NDF : 705.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.847 ± 0.653 χ^2/NDF : 1191.4/13

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

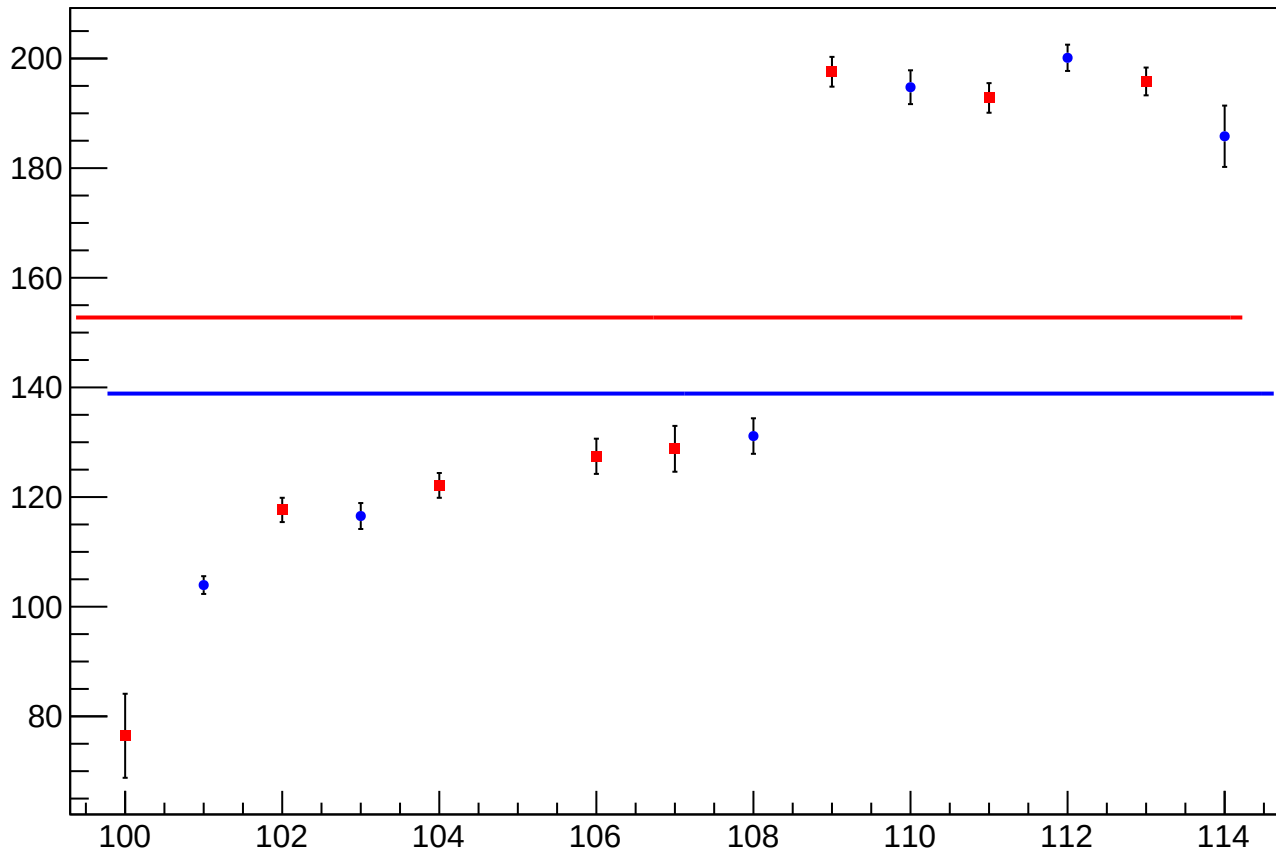
Right: 12.654+/-0.765 χ^2/NDF : 263.9/13

In: 9.254+/-1.110 χ^2/NDF : 171.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.654+/-0.765 χ^2/NDF : 263.9/13

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 138.876+/-1.017 χ^2/NDF : 1611.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.754+/-1.001 χ^2/NDF : 1409.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

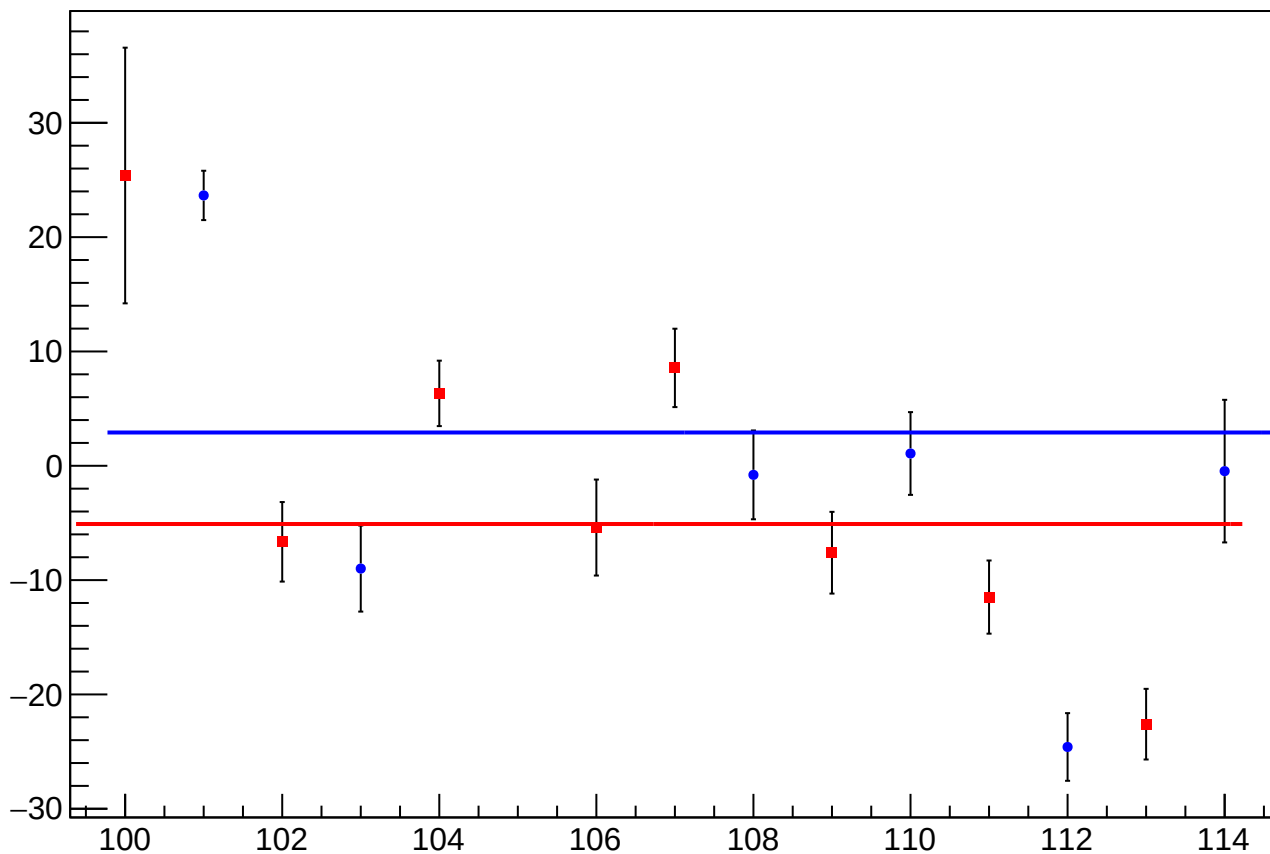
Right: 145.931+/-0.713 χ^2/NDF : 3115.5/13

In: 138.876+/-1.017 χ^2/NDF : 1611.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.931+/-0.713 χ^2/NDF : 3115.5/13

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.912+/-1.327 χ^2/NDF : 190.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.093+/-1.255 χ^2/NDF : 76.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

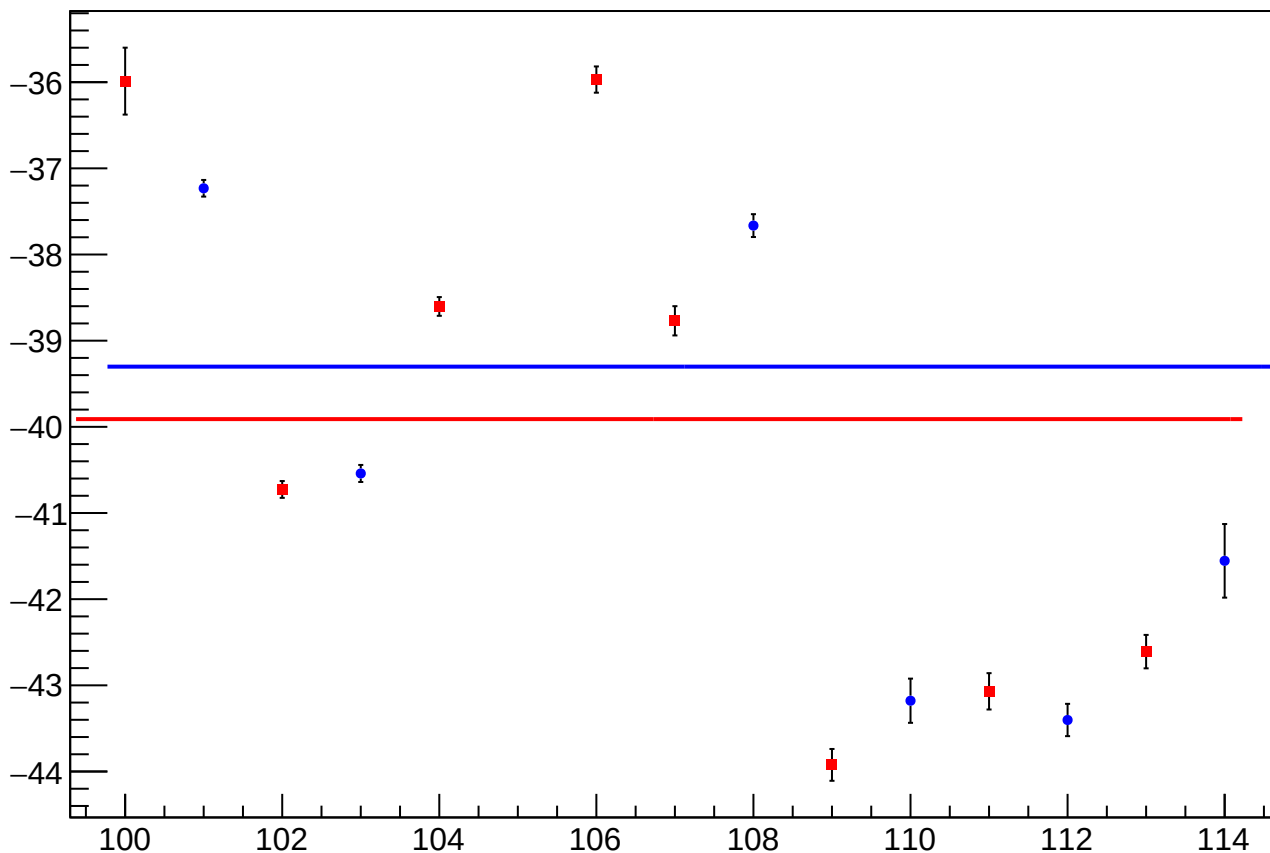
Right: -1.314+/-0.912 χ^2/NDF : 285.5/13

In: 2.912+/-1.327 χ^2/NDF : 190.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.314+/-0.912 χ^2/NDF : 285.5/13

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.301 $\pm$ 0.056 χ^2 /NDF: 1503.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.910 $\pm$ 0.053 χ^2 /NDF: 1921.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

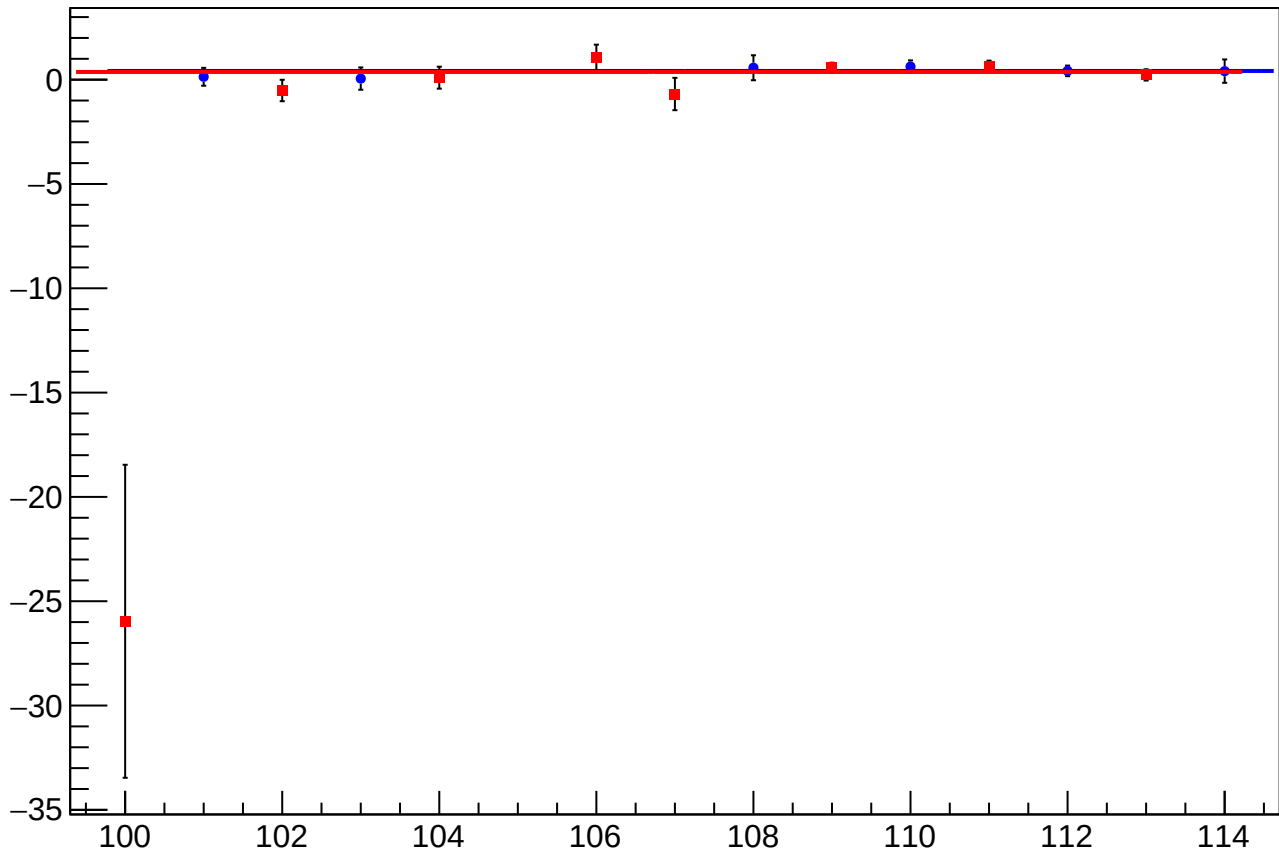
Right: -39.623 $\pm$ 0.039 χ^2 /NDF: 3486.4/13

In: -39.301 $\pm$ 0.056 χ^2 /NDF:1503.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.623 $\pm$ 0.039 χ^2 /NDF: 3486.4/13

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

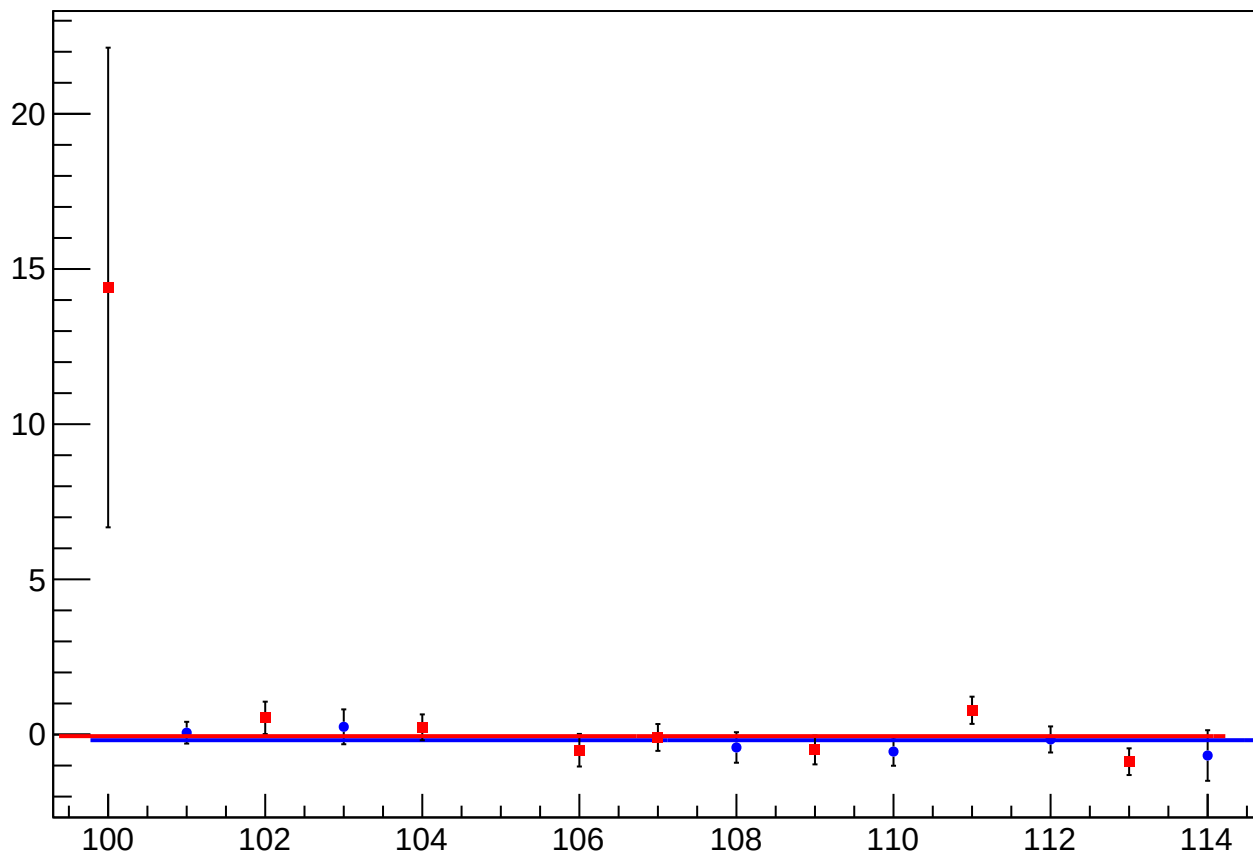
Right: 0.391 $\pm$ 0.102 χ^2 /NDF: 22.0/13

In: 0.418 $\pm$ 0.155 χ^2 /NDF:1.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.391 $\pm$ 0.102 χ^2 /NDF: 22.0/13

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

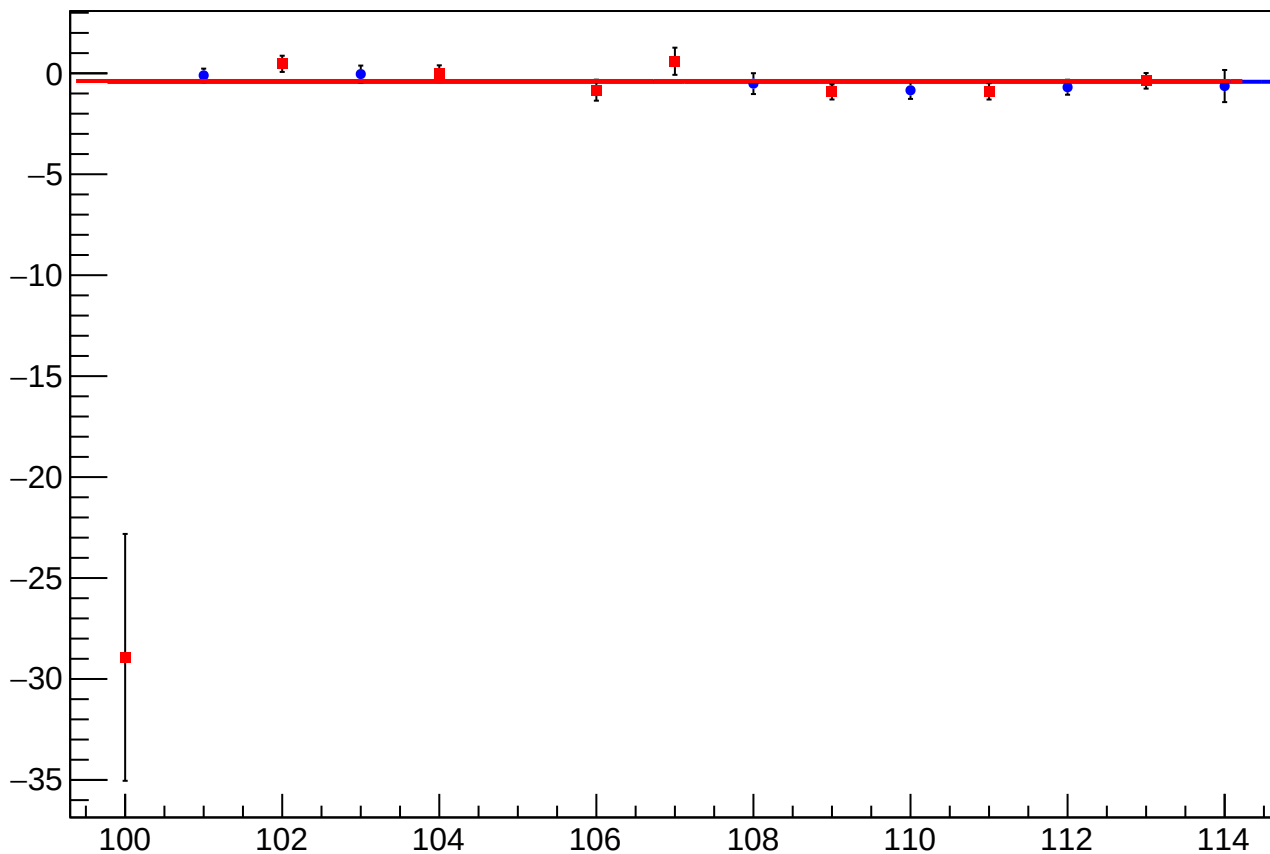
Right: -0.111 ± 0.128 χ^2/NDF : 16.8/13

In: -0.183 ± 0.191 χ^2/NDF : 2.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.111 ± 0.128 χ^2/NDF : 16.8/13

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

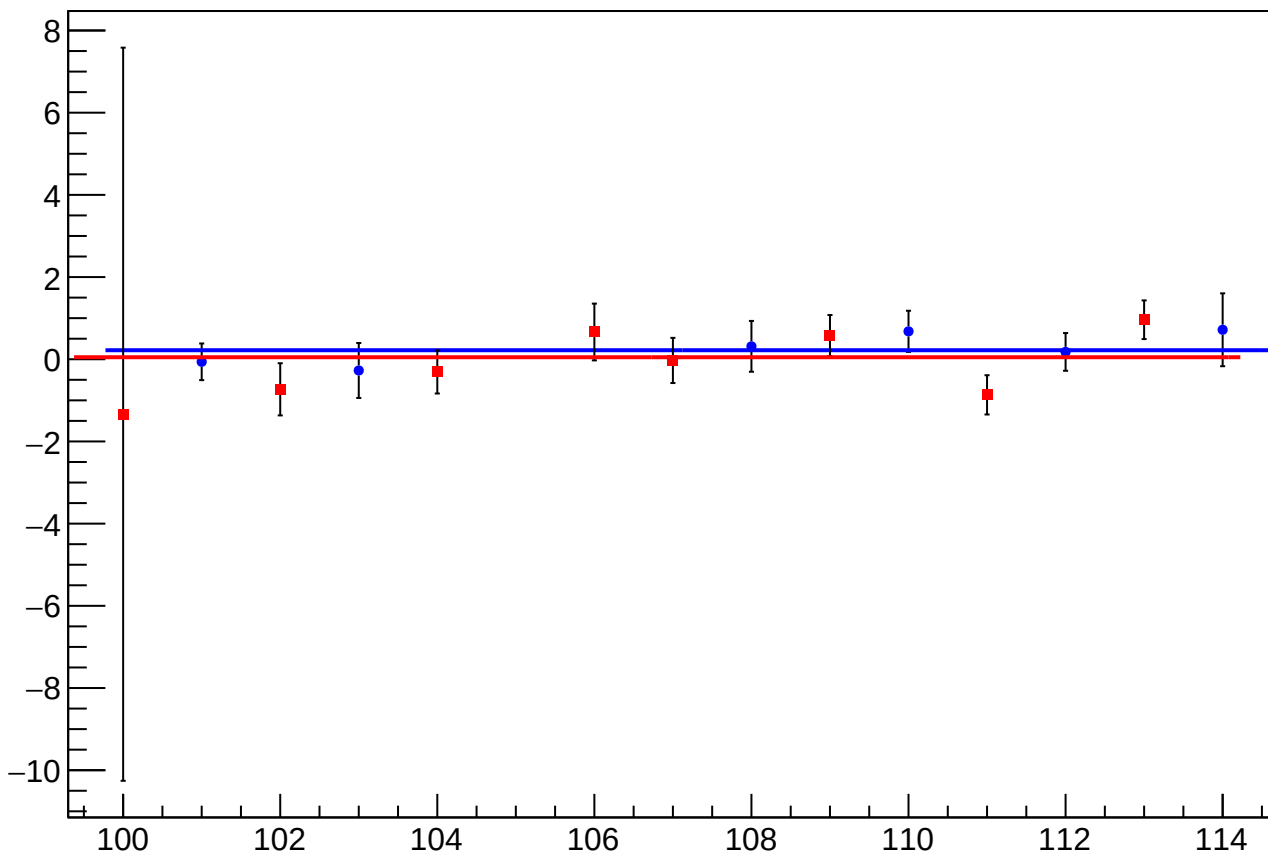
Right: -0.398 ± 0.119 χ^2/NDF : 37.0/13

In: -0.419 ± 0.175 χ^2/NDF : 3.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.398 ± 0.119 χ^2/NDF : 37.0/13

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

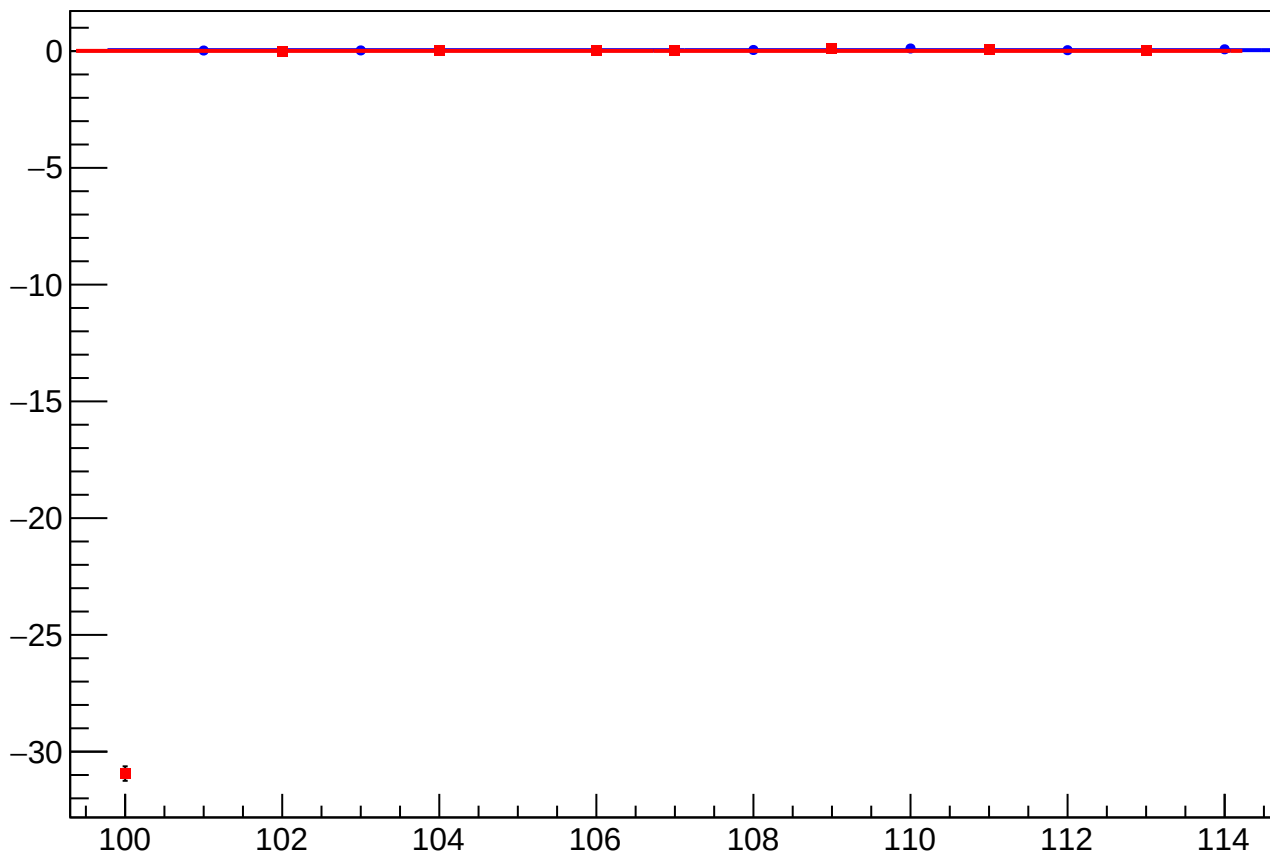
Right: 0.126+/-0.150 χ^2/NDF : 13.8/13

In: 0.220+/-0.224 χ^2/NDF : 2.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.126+/-0.150 χ^2/NDF : 13.8/13

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.010 χ^2 /NDF: 5.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.009 χ^2 /NDF: 10001.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

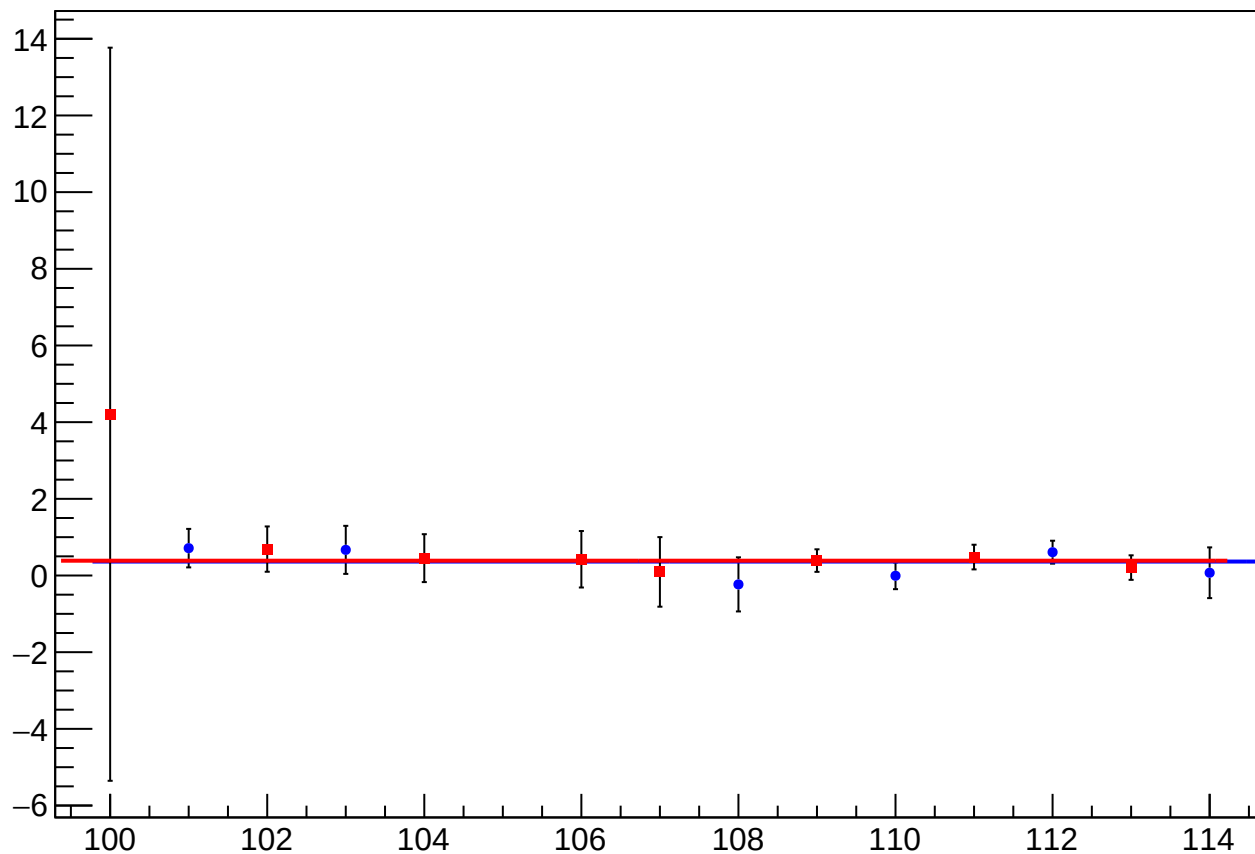
Right: 0.024 $\pm$ 0.007 χ^2 /NDF: 10013.0/13

In: 0.041 $\pm$ 0.010 χ^2 /NDF: 5.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.007 χ^2 /NDF: 10013.0/13

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.364+/-0.182 χ^2/NDF : 3.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.386+/-0.159 χ^2/NDF : 0.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

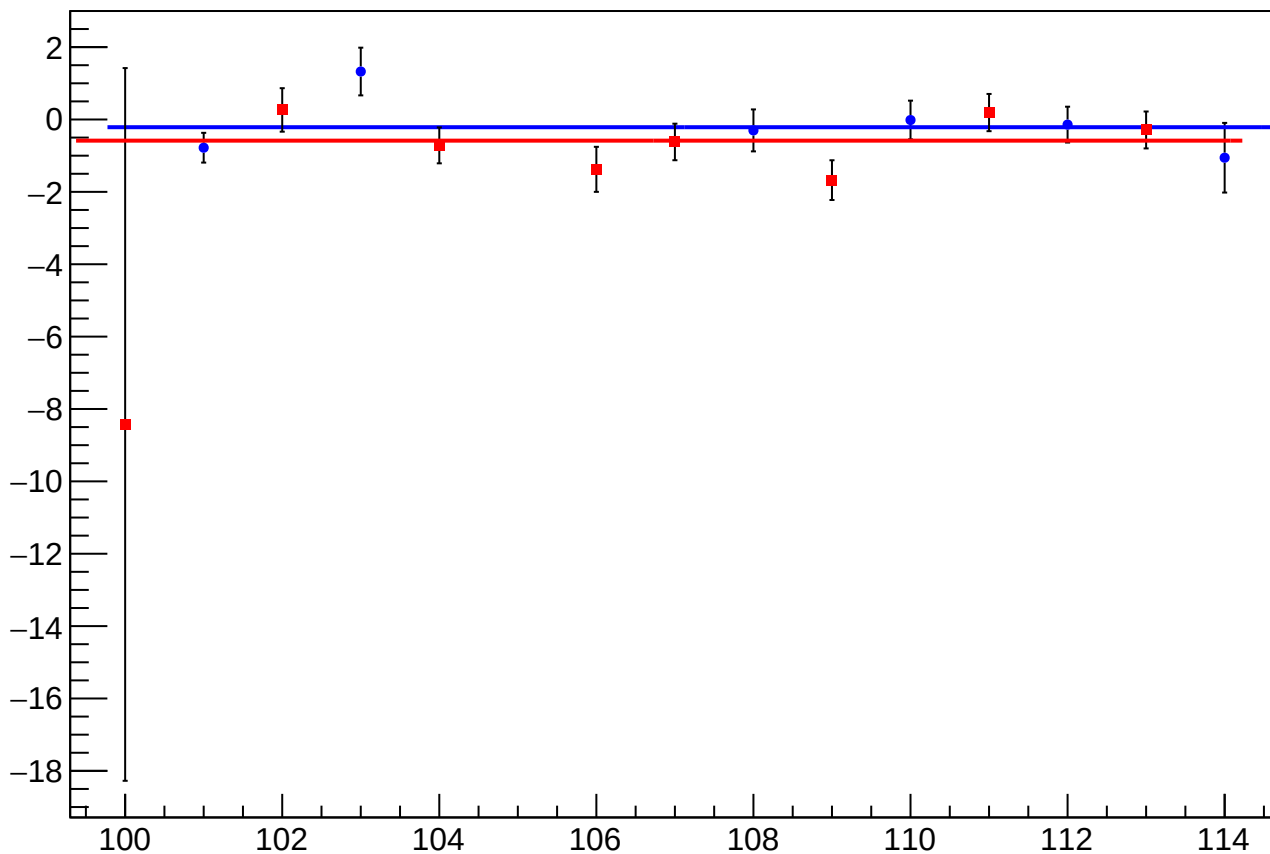
Right: 0.377+/-0.120 χ^2/NDF : 4.4/13

In: 0.364+/-0.182 χ^2/NDF : 3.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.377+/-0.120 χ^2/NDF : 4.4/13

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

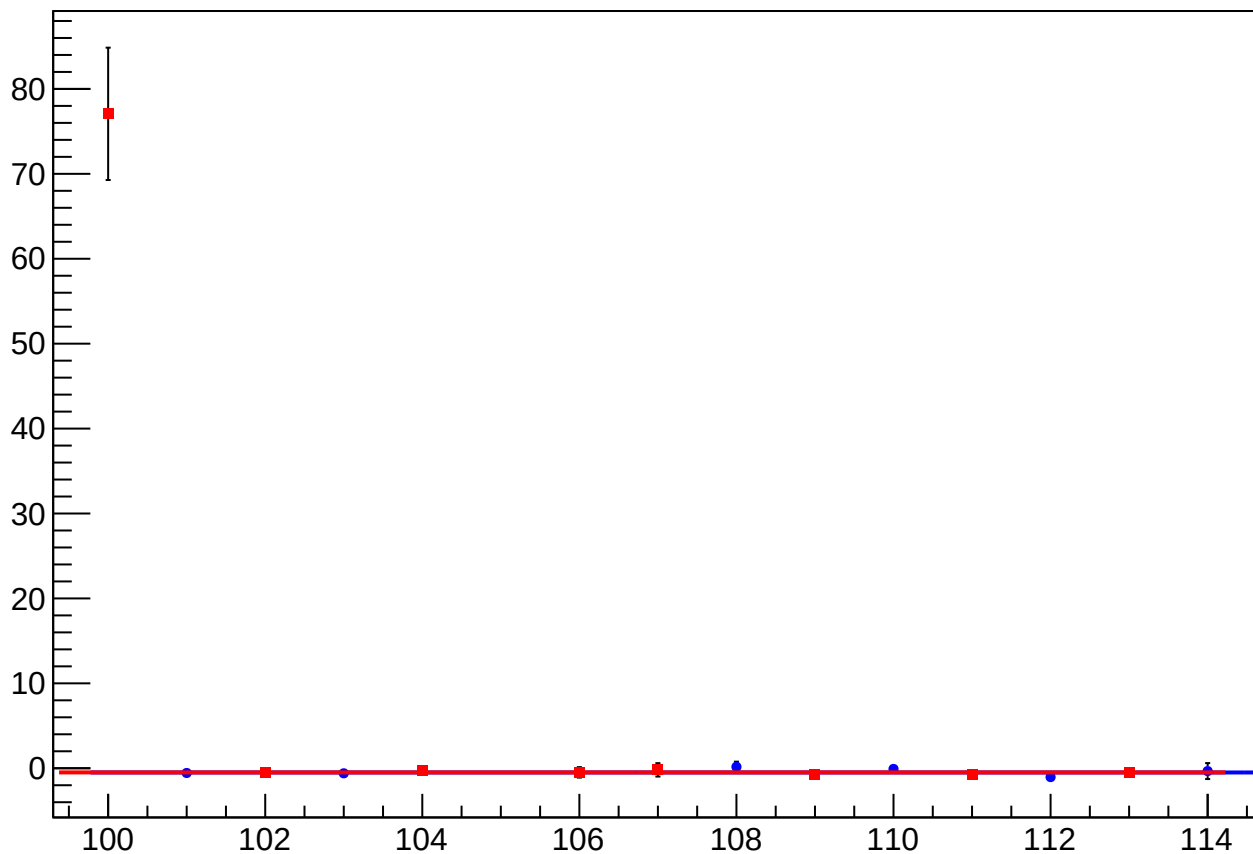
Right: -0.418 ± 0.151 χ^2/NDF : 20.7/13

In: -0.213 ± 0.225 χ^2/NDF : 8.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.418 ± 0.151 χ^2/NDF : 20.7/13

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

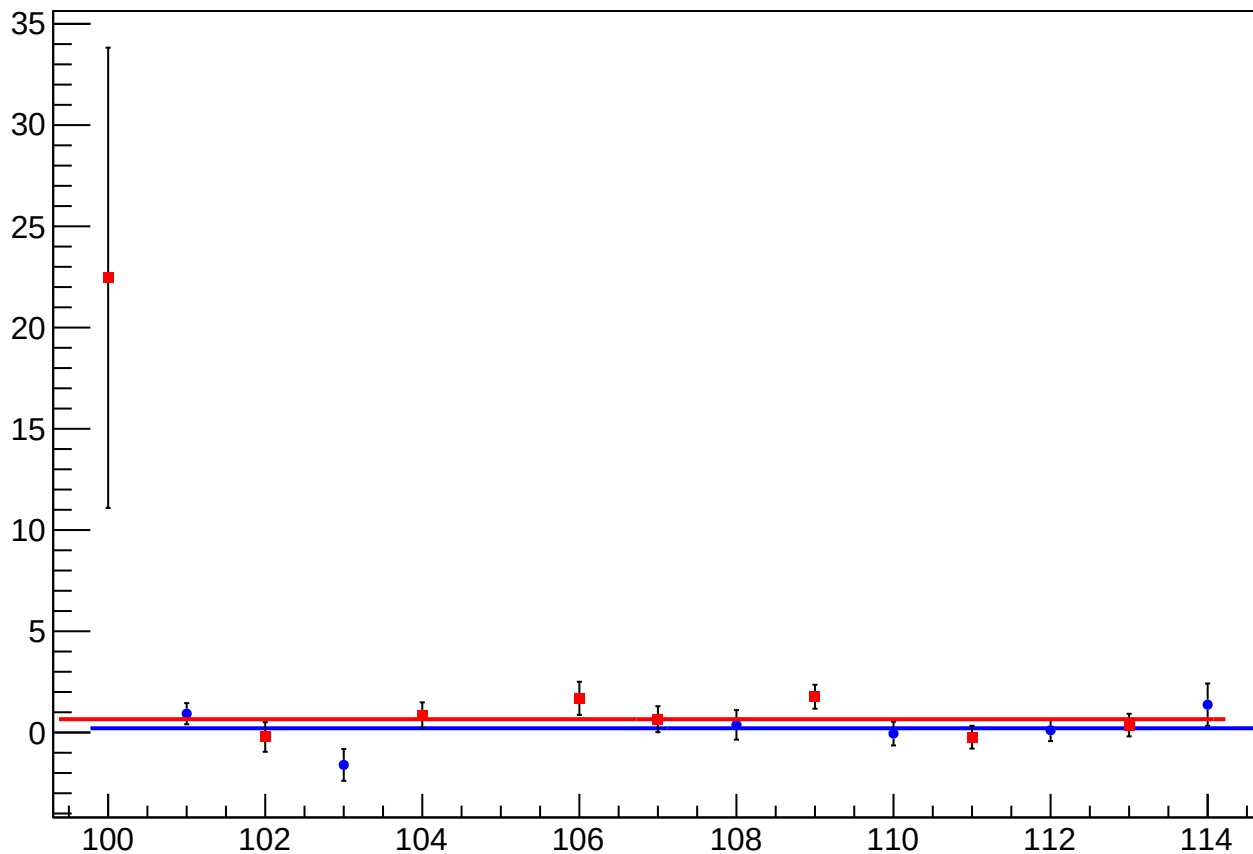
Right: -0.493 ± 0.140 χ^2/NDF : 103.5/13

In: -0.497 ± 0.206 χ^2/NDF : 3.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.493 ± 0.140 χ^2/NDF : 103.5/13

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.209+/-0.264 χ^2/NDF : 8.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.659+/-0.238 χ^2/NDF : 13.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

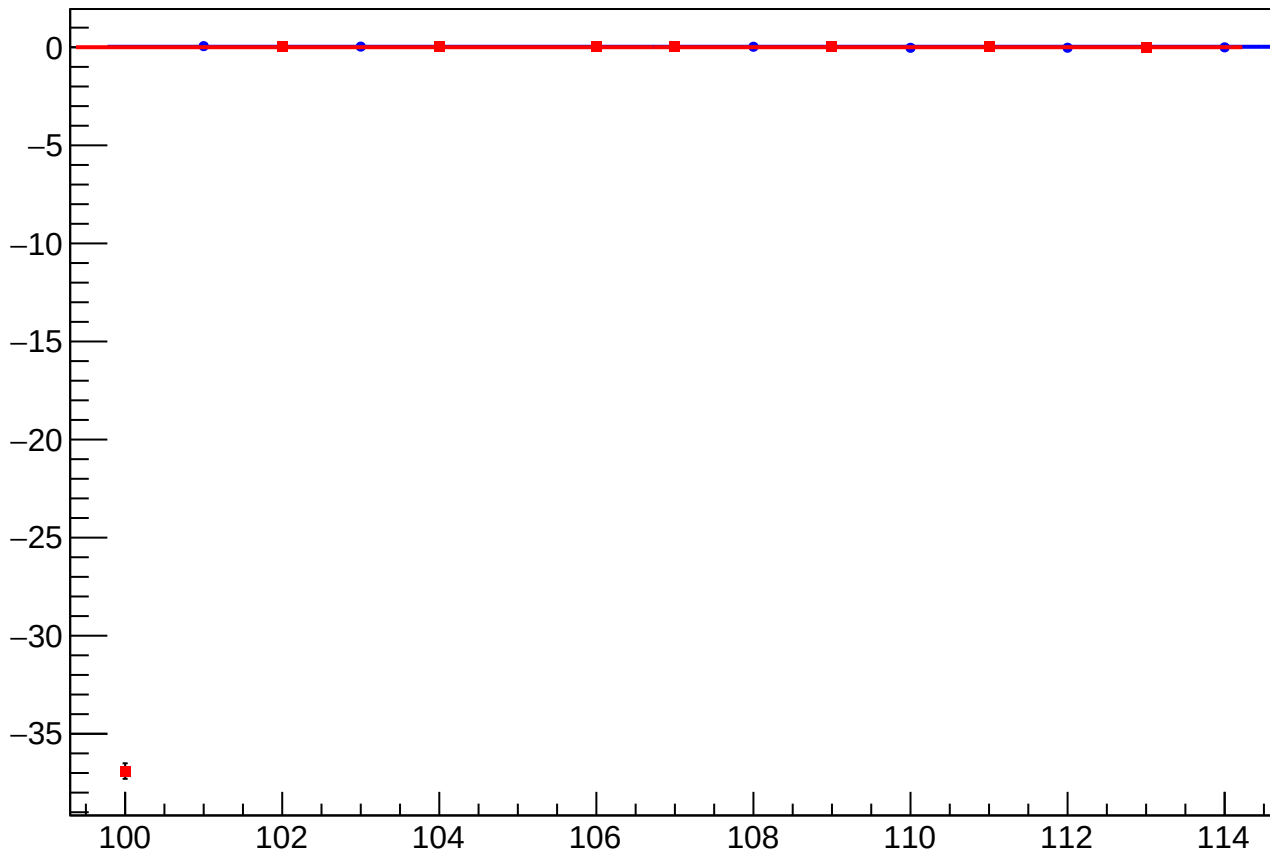
Right: 0.457+/-0.177 χ^2/NDF : 23.5/13

In: 0.209+/-0.264 χ^2/NDF : 8.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.457+/-0.177 χ^2/NDF : 23.5/13

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

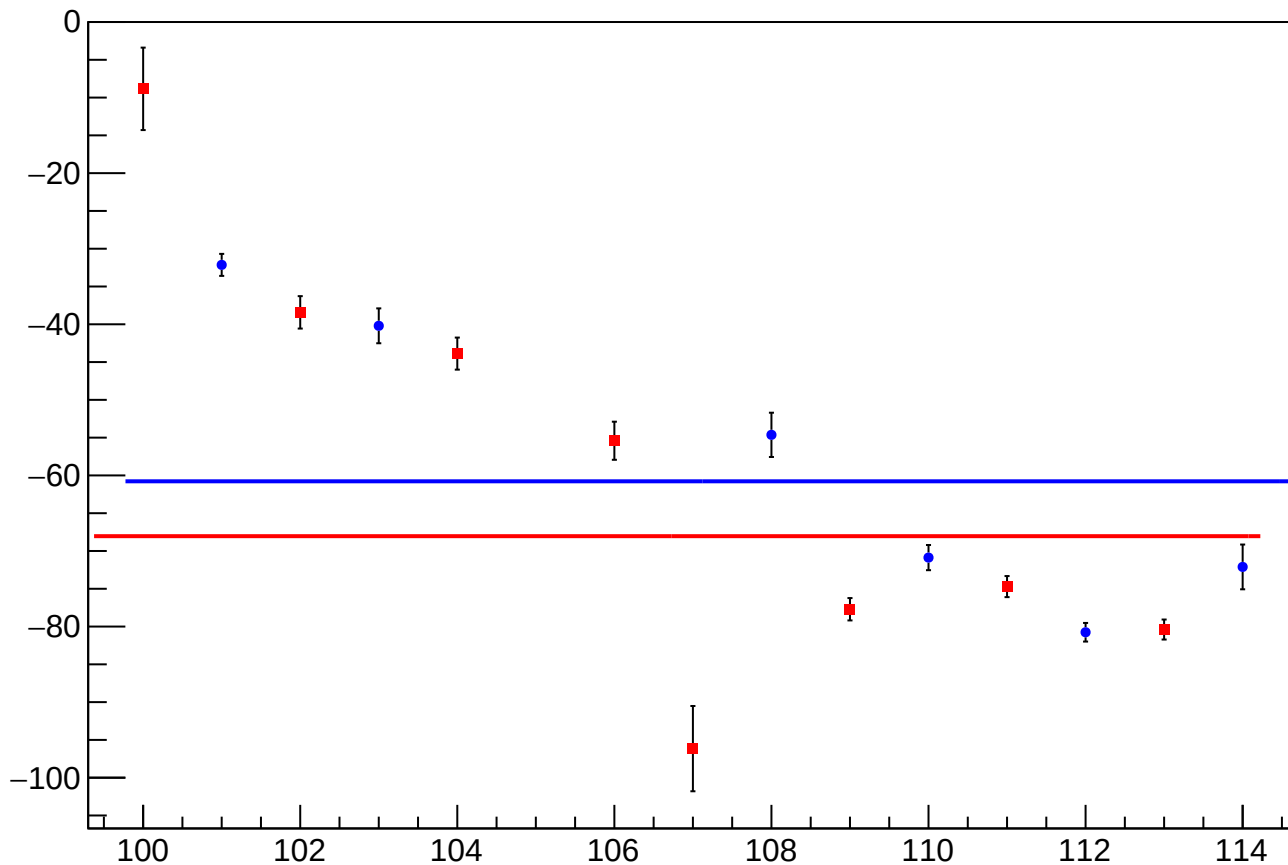
Right: 0.013+/-0.008 χ^2/NDF : 8751.0/13

In: 0.025+/-0.012 χ^2/NDF : 5.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 8751.0/13

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.779+/-0.724 χ^2/NDF : 784.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.040+/-0.674 χ^2/NDF : 640.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

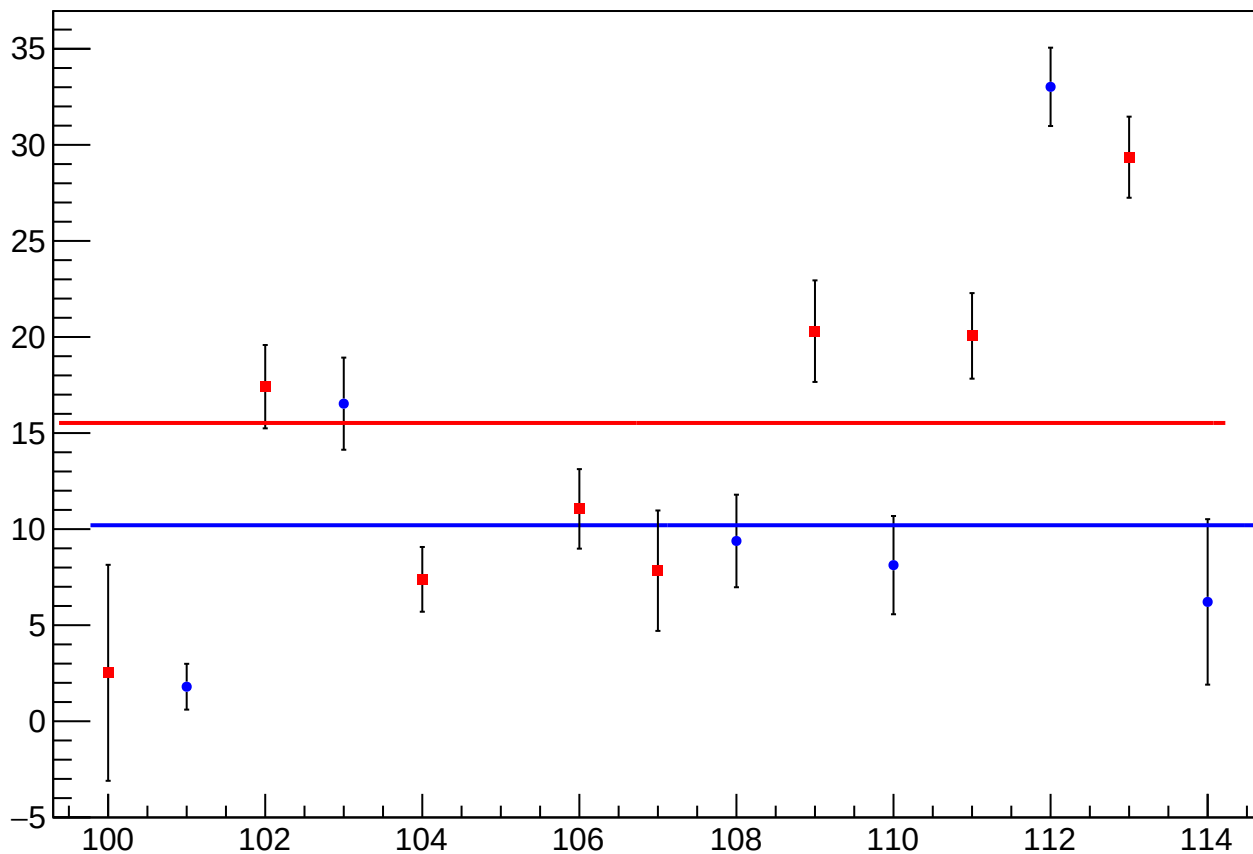
Right: -64.670+/-0.493 χ^2/NDF : 1479.2/13

In: -60.779+/-0.724 χ^2/NDF : 784.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.670+/-0.493 χ^2/NDF : 1479.2/13

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

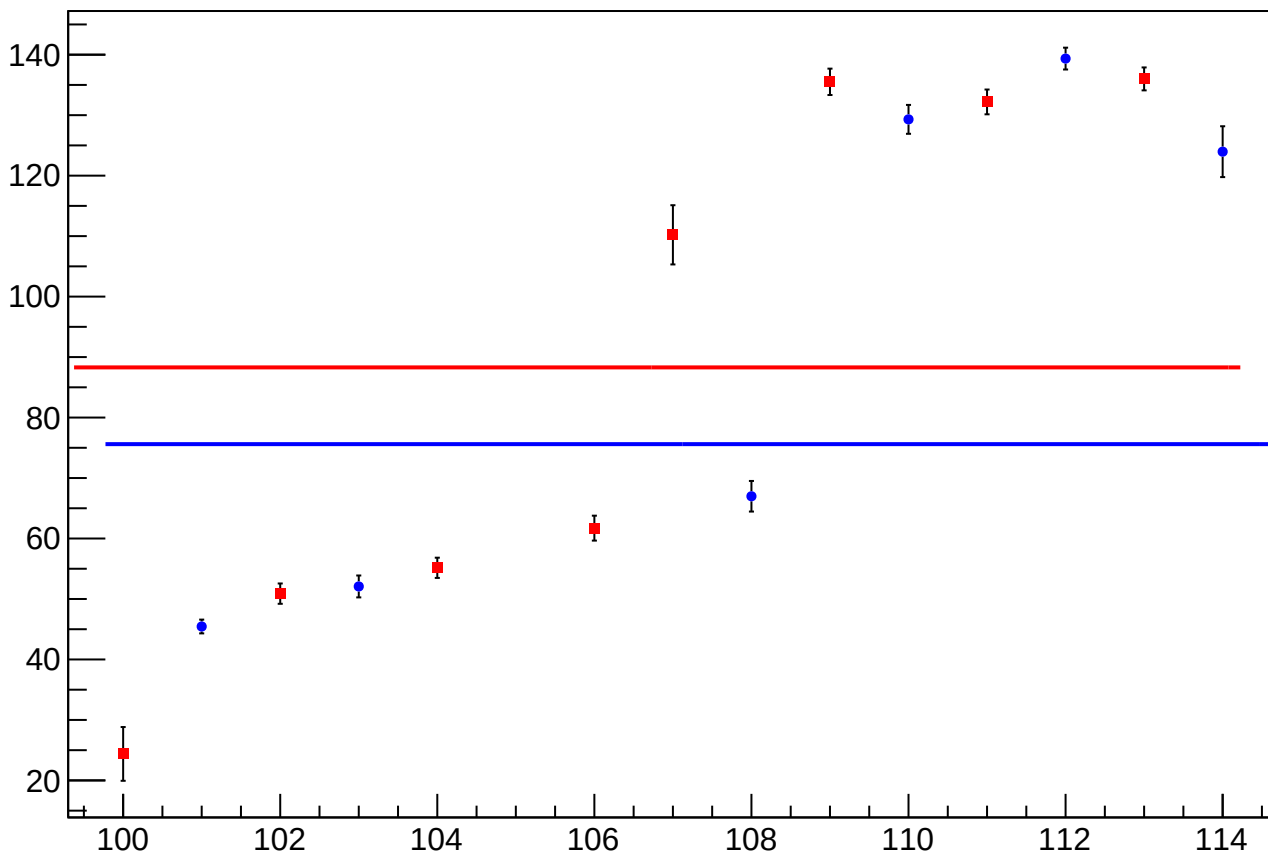
Right: 12.867 $\pm$ 0.578 χ^2 /NDF: 295.3/13

In: 10.202 $\pm$ 0.817 χ^2 /NDF: 183.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.867 $\pm$ 0.578 χ^2 /NDF: 295.3/13

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

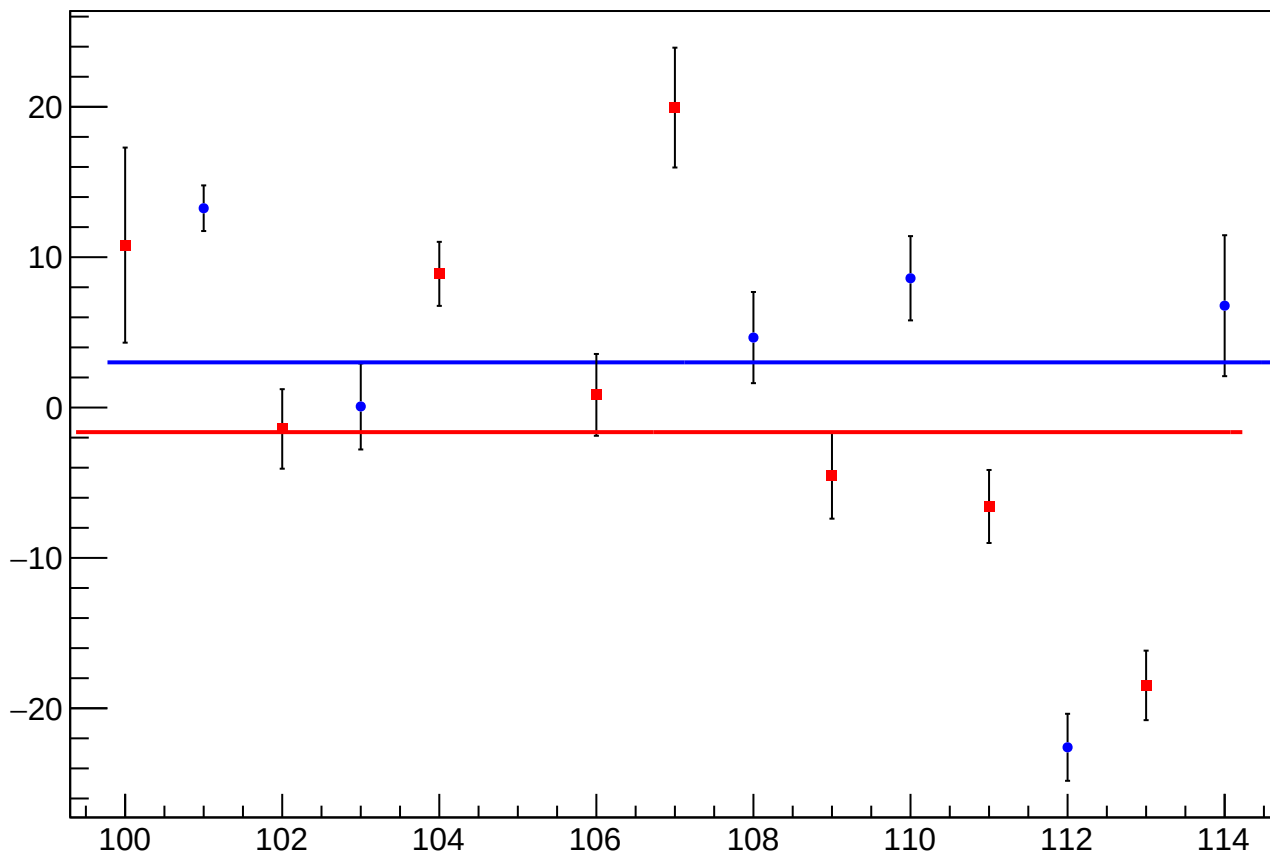
Right: 81.942 $\pm$ 0.532 χ^2 /NDF: 5751.1/13

In: 75.604 $\pm$ 0.752 χ^2 /NDF:2766.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.942 $\pm$ 0.532 χ^2 /NDF: 5751.1/13

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.005+/-0.981 χ^2/NDF : 183.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.635+/-0.970 χ^2/NDF : 116.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

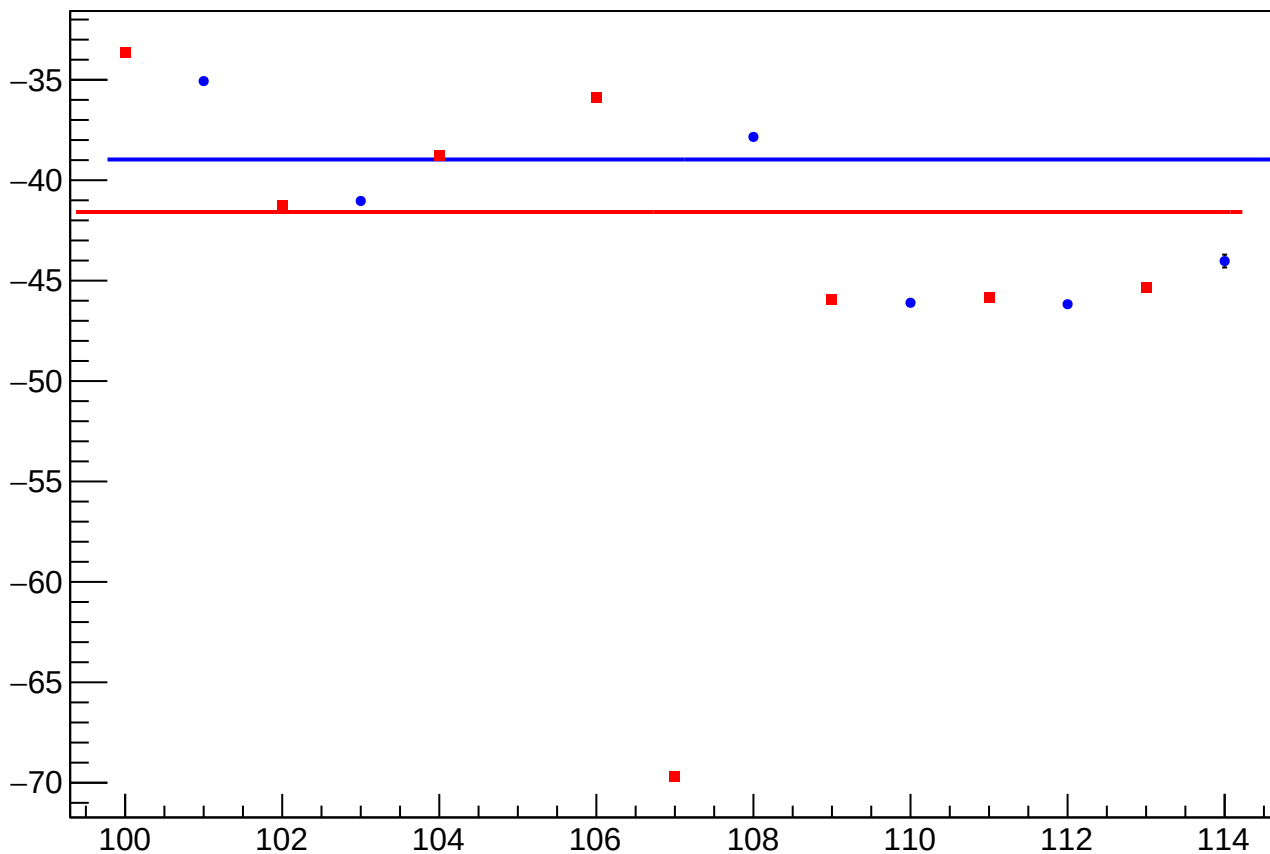
Right: 0.659+/-0.690 χ^2/NDF : 311.5/13

In: 3.005+/-0.981 χ^2/NDF : 183.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.659+/-0.690 χ^2/NDF : 311.5/13

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.968 $\pm$ 0.042 χ^2 /NDF: 8306.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.582 $\pm$ 0.040 χ^2 /NDF: 28143.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

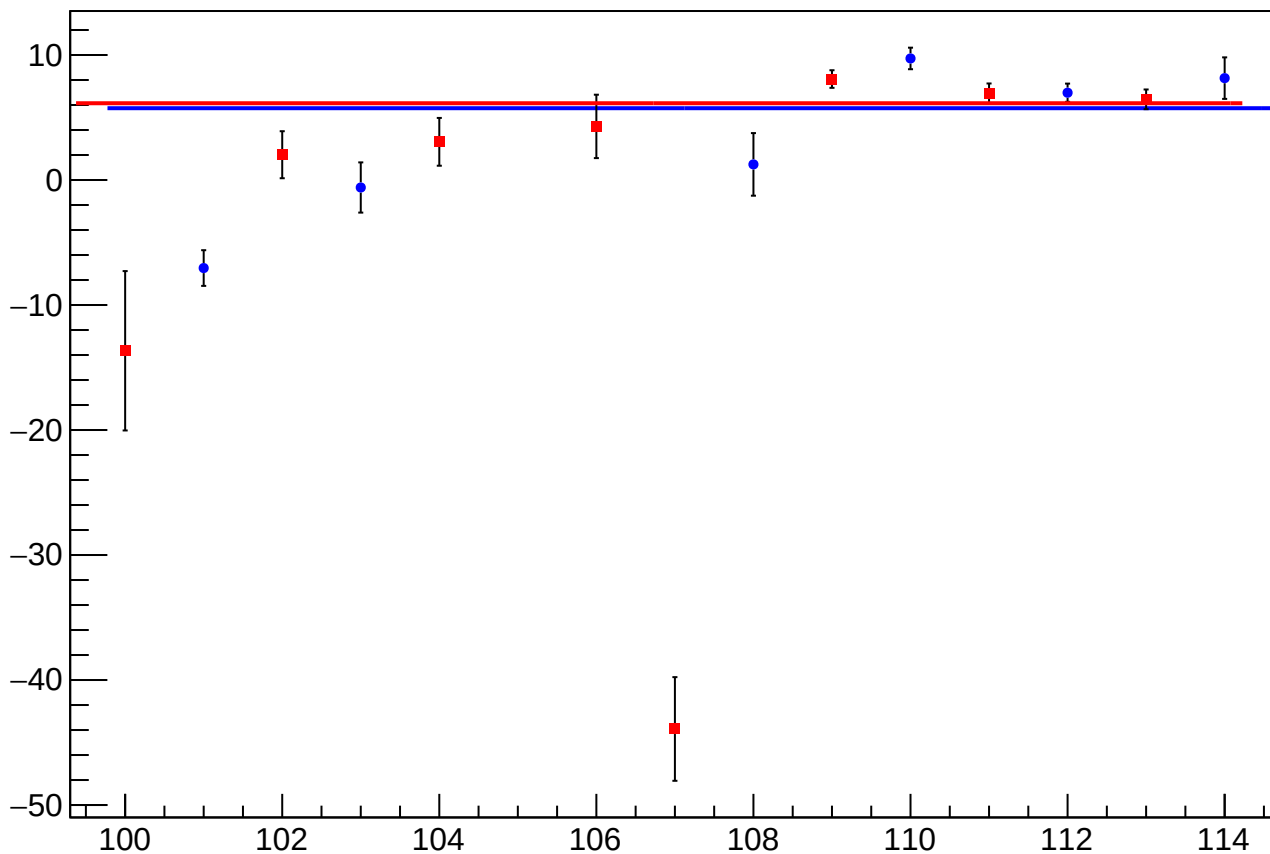
Right: -40.331 $\pm$ 0.029 χ^2 /NDF: 38474.8/13

In: -38.968 $\pm$ 0.042 χ^2 /NDF:8306.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.331 $\pm$ 0.029 χ^2 /NDF: 38474.8/13

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

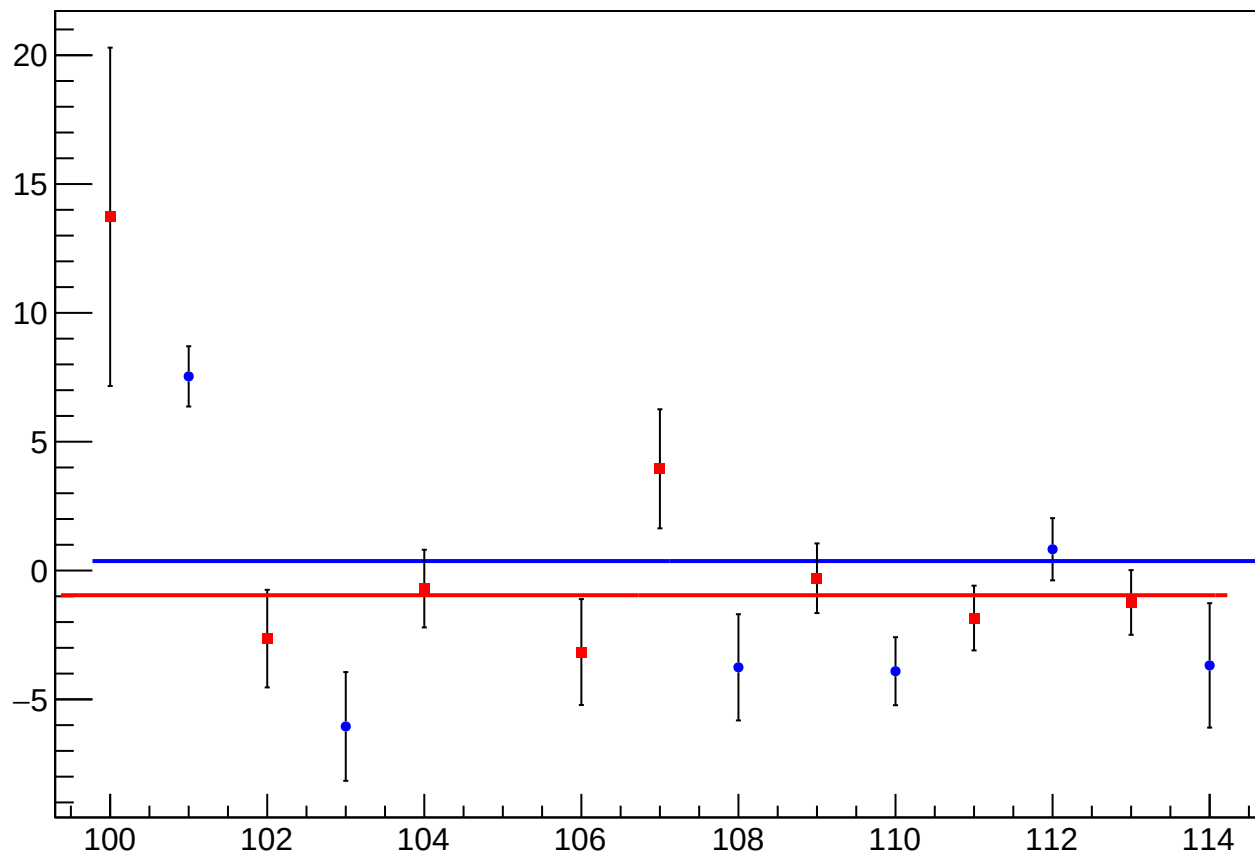
Right: 5.971+/-0.308 χ^2/NDF : 292.2/13

In: 5.743+/-0.472 χ^2/NDF : 119.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.971+/-0.308 χ^2/NDF : 292.2/13

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

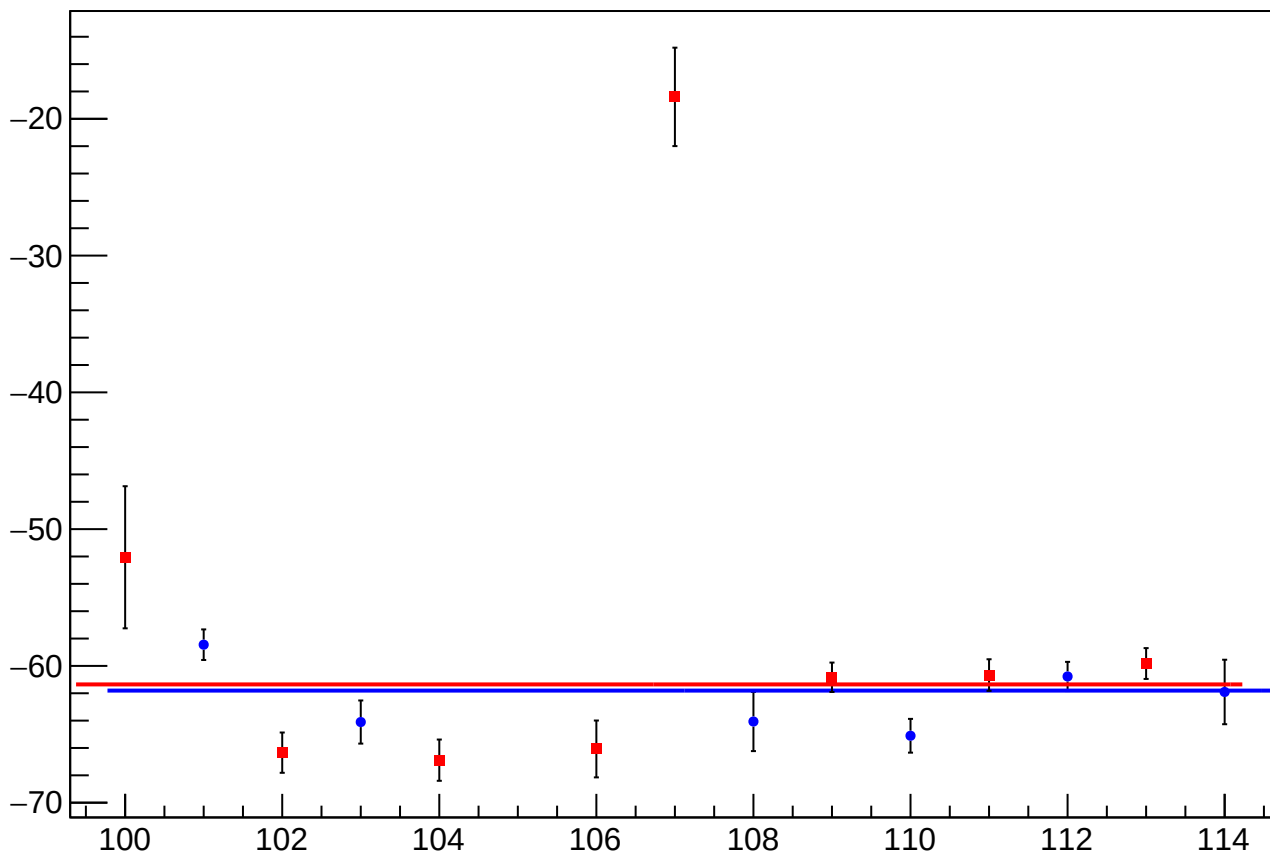
Right: -0.337 $\pm$ 0.422 χ^2 /NDF: 79.0/13

In: 0.368 $\pm$ 0.617 χ^2 /NDF:64.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.337 $\pm$ 0.422 χ^2 /NDF: 79.0/13

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -61.805 $\pm$ 0.565 χ^2 /NDF: 20.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -61.353 $\pm$ 0.524 χ^2 /NDF: 178.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

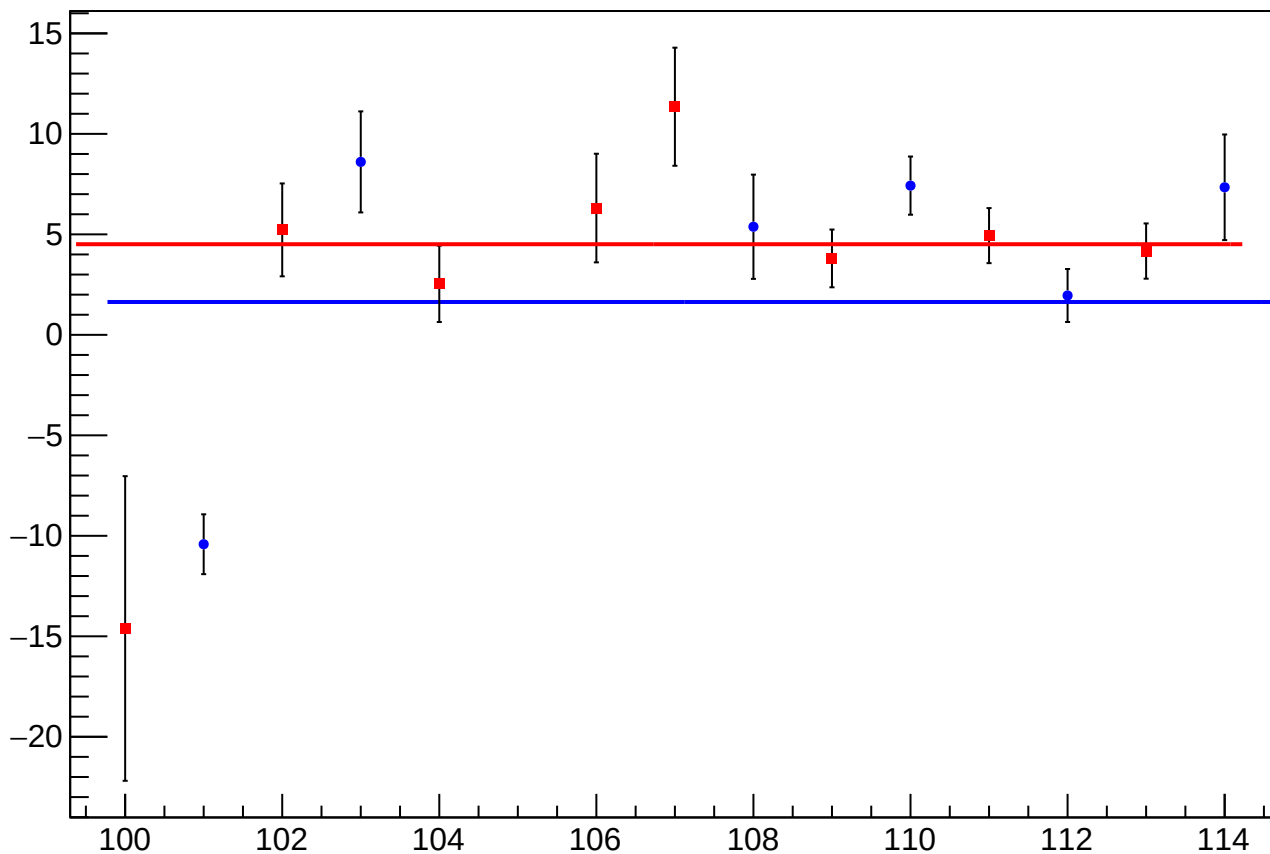
Right: -61.562 $\pm$ 0.384 χ^2 /NDF: 198.9/13

In: -61.805 $\pm$ 0.565 χ^2 /NDF:20.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.562 $\pm$ 0.384 χ^2 /NDF: 198.9/13

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

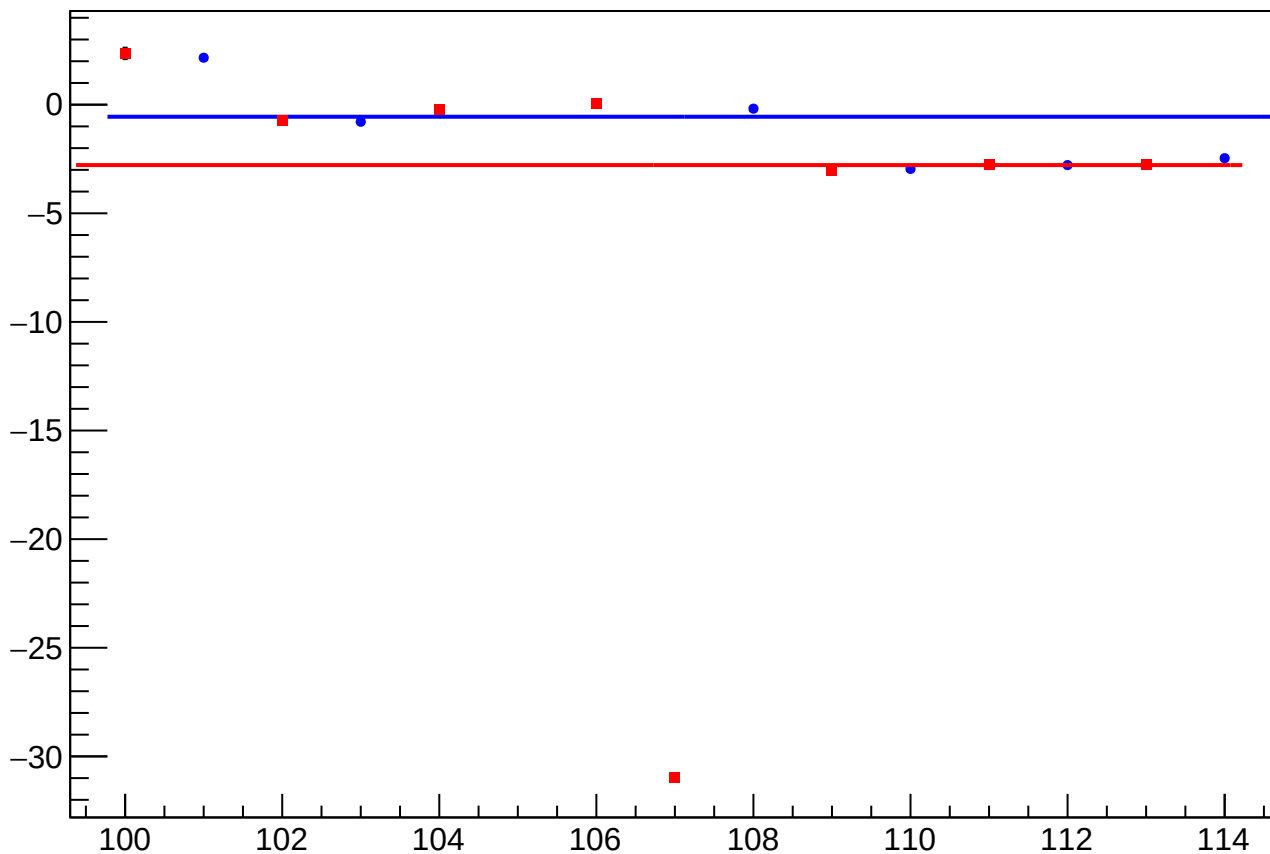
Right: 3.183 $\pm$ 0.486 χ^2 /NDF: 118.6/13

In: 1.635 $\pm$ 0.715 χ^2 /NDF: 96.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.183 $\pm$ 0.486 χ^2 /NDF: 118.6/13

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

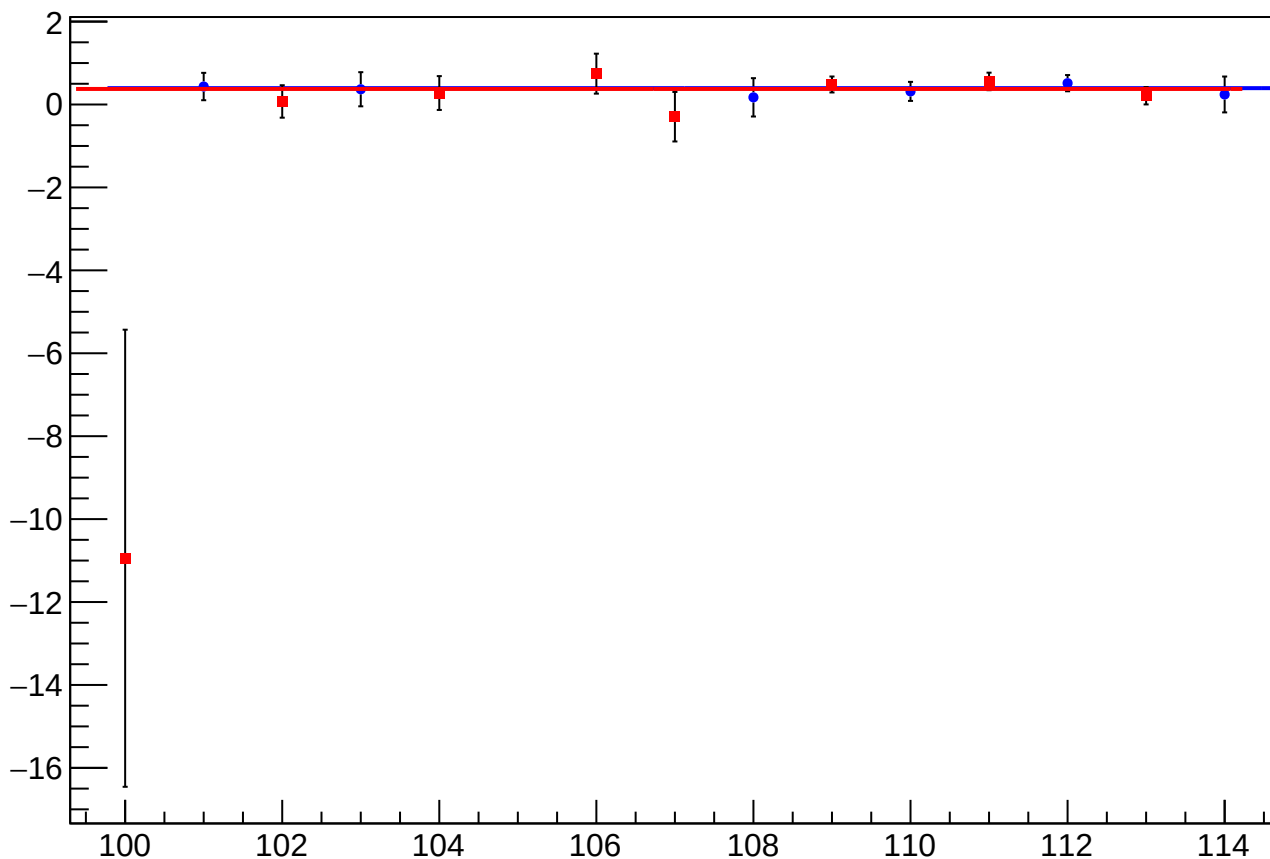
Right: -1.758 ± 0.023 χ^2/NDF : 46037.3/13

In: -0.555 ± 0.034 χ^2/NDF : 3060.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.758 ± 0.023 χ^2/NDF : 46037.3/13

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

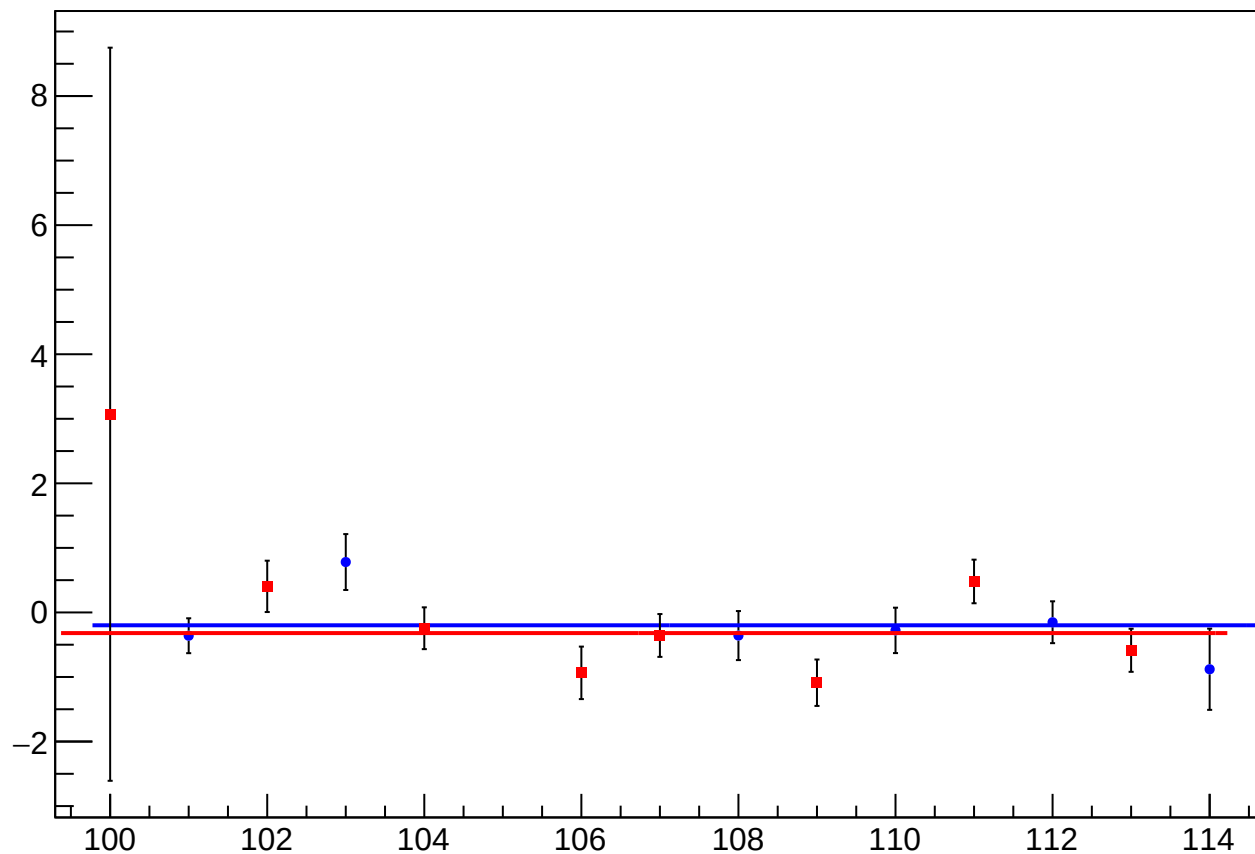
Right: 0.384+/-0.079 χ^2/NDF : 9.3/13

In: 0.394+/-0.119 χ^2/NDF : 0.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.384+/-0.079 χ^2/NDF : 9.3/13

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

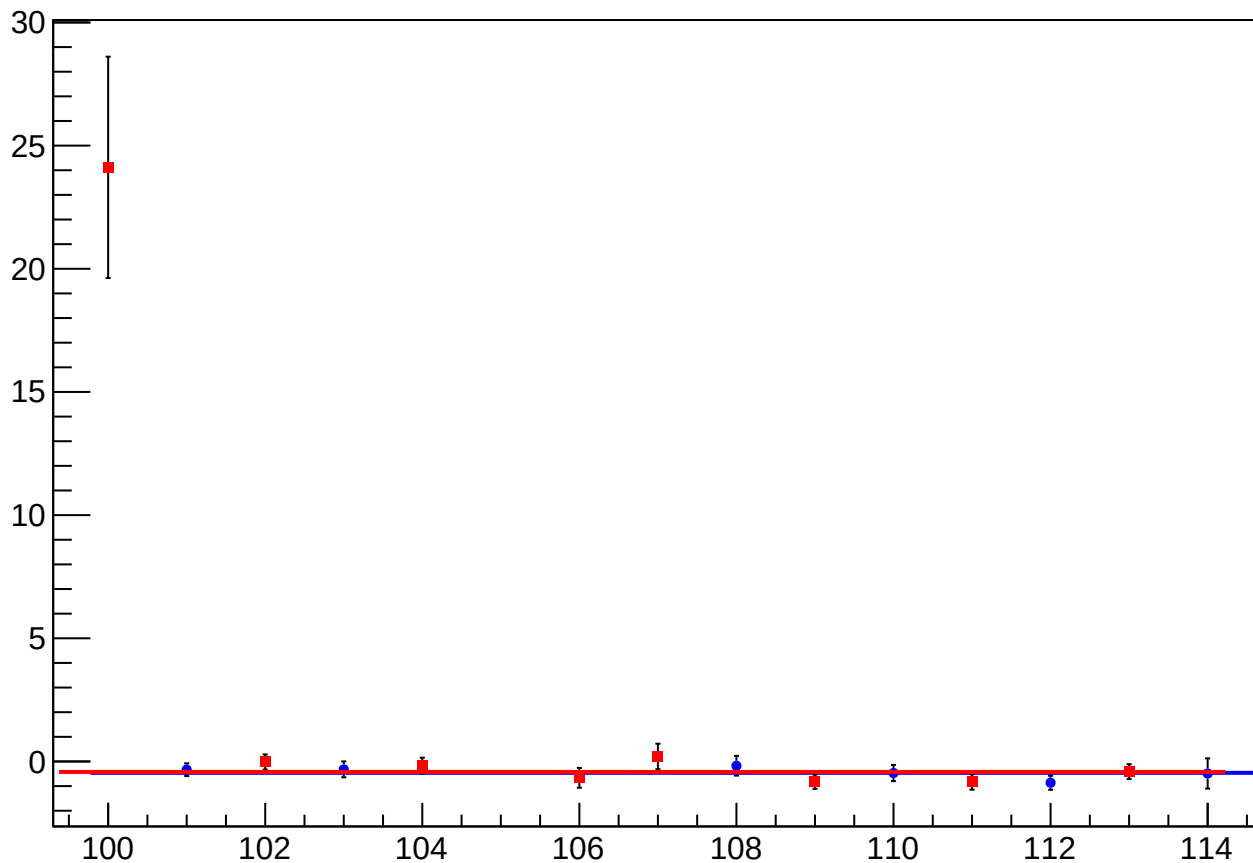
Right: -0.266 ± 0.099 χ^2/NDF : 24.1/13

In: -0.199 ± 0.147 χ^2/NDF : 6.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.266 ± 0.099 χ^2/NDF : 24.1/13

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

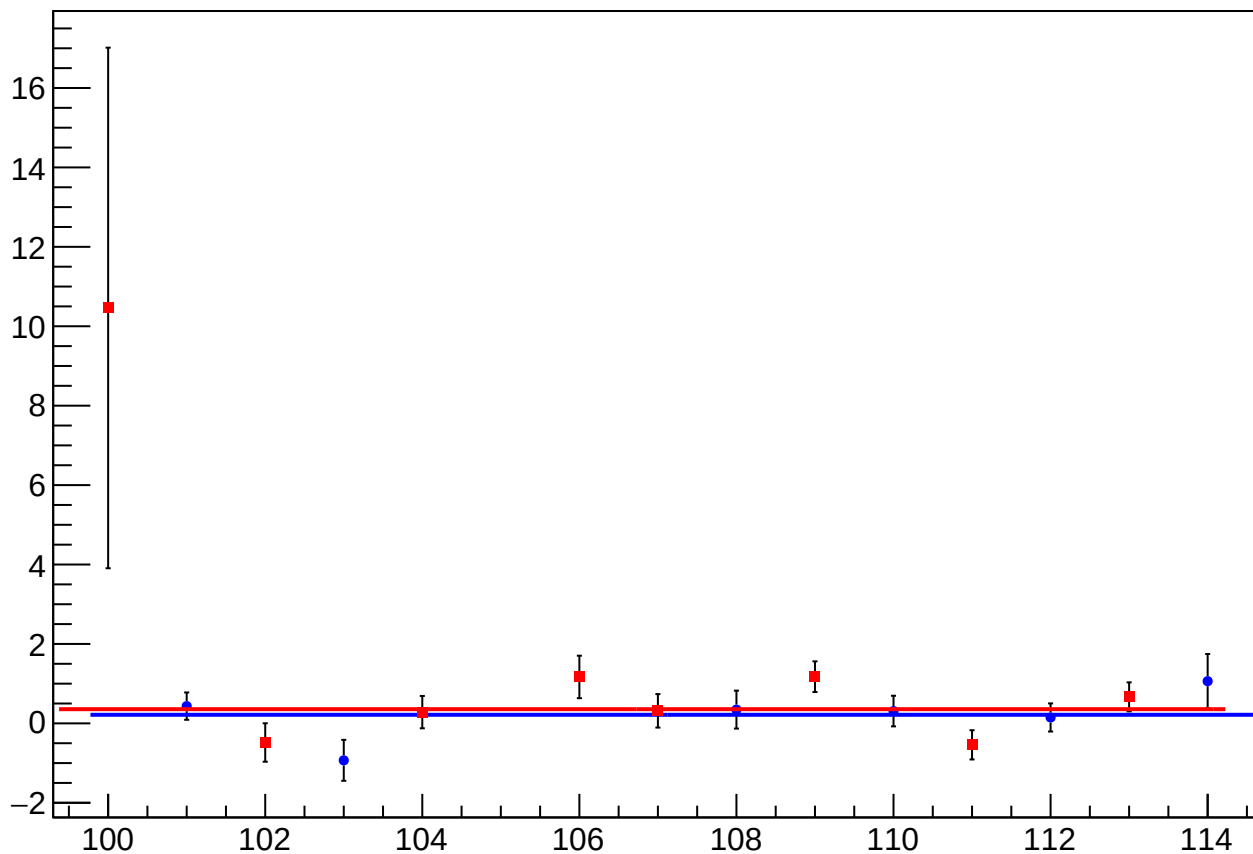
Right: -0.442 ± 0.092 χ^2/NDF : 40.6/13

In: -0.461 ± 0.135 χ^2/NDF : 2.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.442 ± 0.092 χ^2/NDF : 40.6/13

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

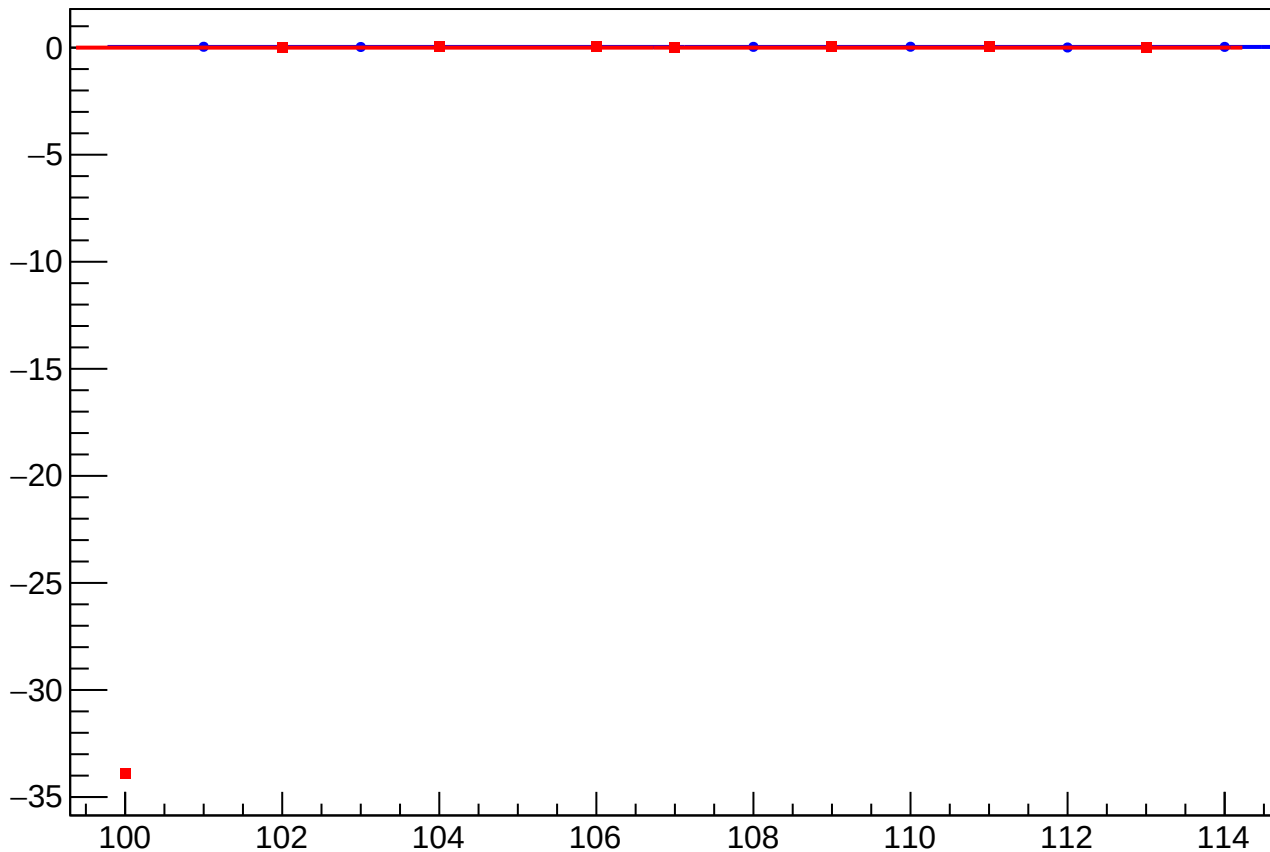
Right: 0.294 $\pm$ 0.116 χ^2 /NDF: 26.3/13

In: 0.216 $\pm$ 0.173 χ^2 /NDF:7.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.294 $\pm$ 0.116 χ^2 /NDF: 26.3/13

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

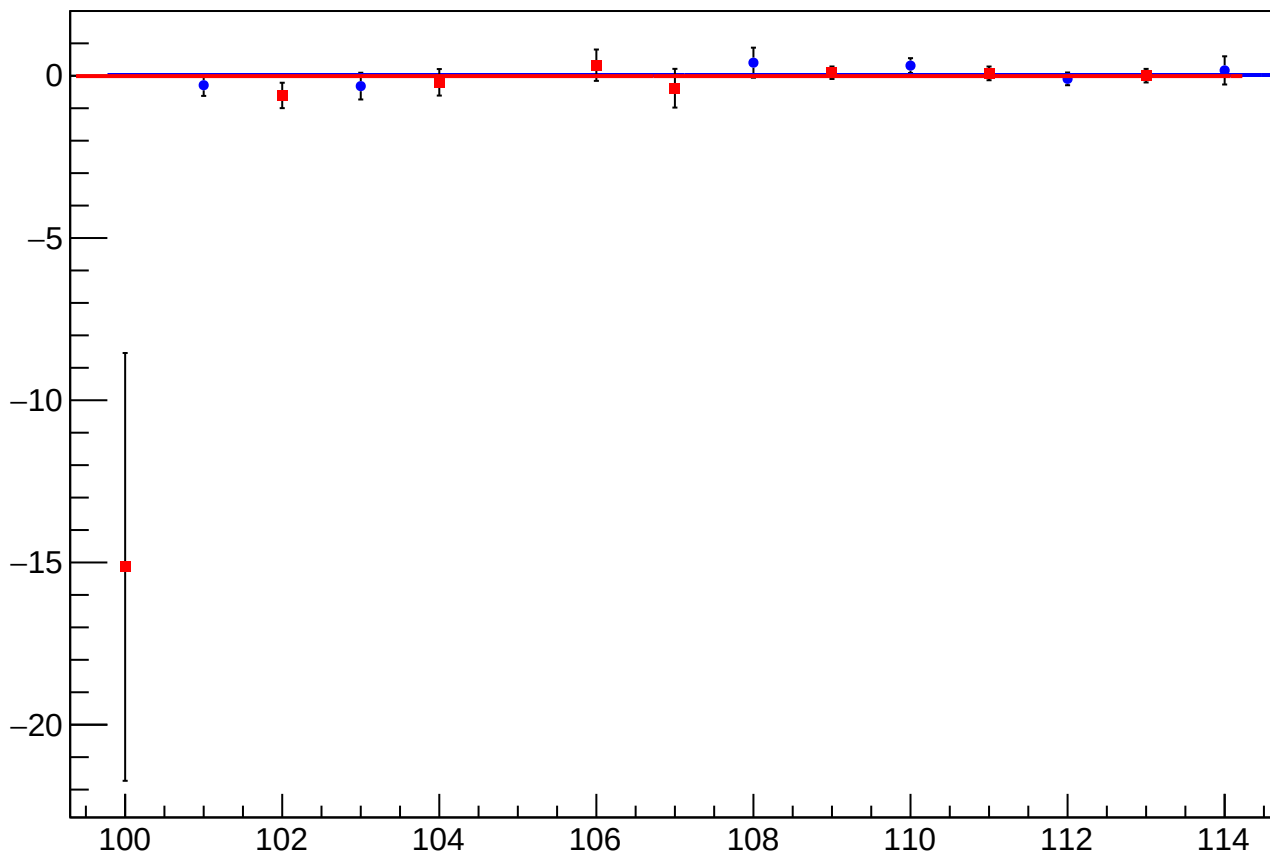
Right: 0.016 $\pm$ 0.005 χ^2 /NDF: 22262.8/13

In: 0.033 $\pm$ 0.008 χ^2 /NDF:1.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.005 χ^2 /NDF: 22262.8/13

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.025+/-0.120 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.104 χ^2/NDF : 9.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

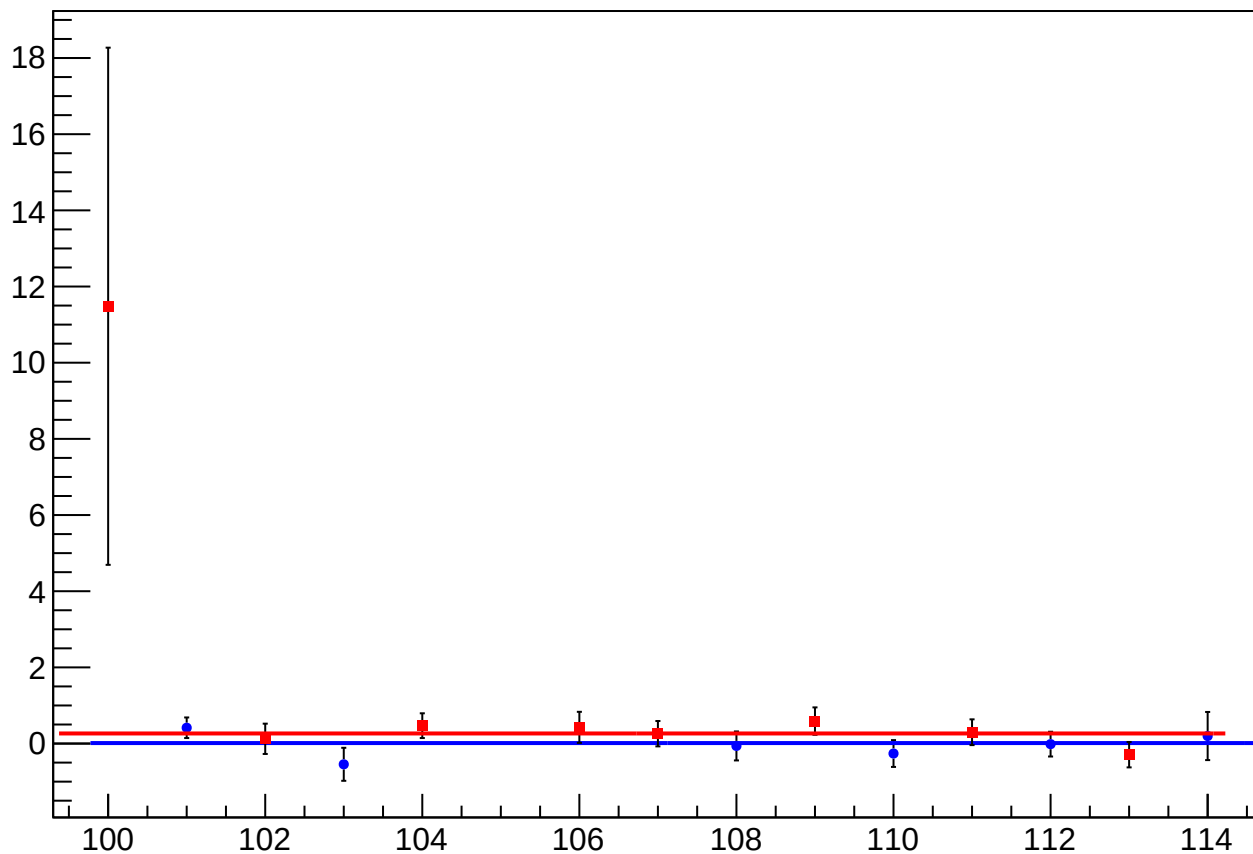
Right: 0.005+/-0.079 χ^2/NDF : 13.5/13

In: 0.025+/-0.120 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.079 χ^2/NDF : 13.5/13

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

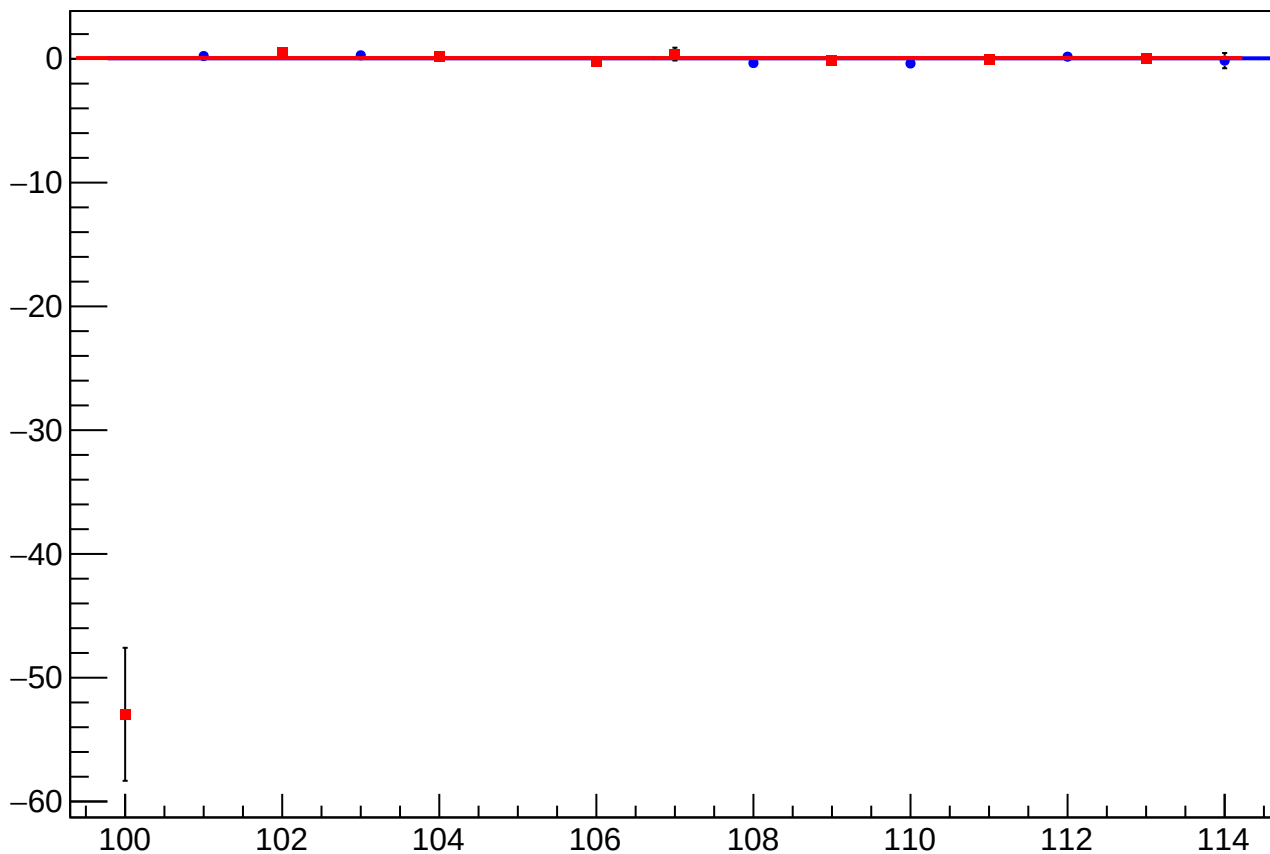
Right: 0.152 $\pm$ 0.099 χ^2 /NDF: 13.2/13

In: 0.013 $\pm$ 0.147 χ^2 /NDF:4.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.152 $\pm$ 0.099 χ^2 /NDF: 13.2/13

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.043+/-0.135 χ^2/NDF : 3.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.064+/-0.125 χ^2/NDF : 100.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

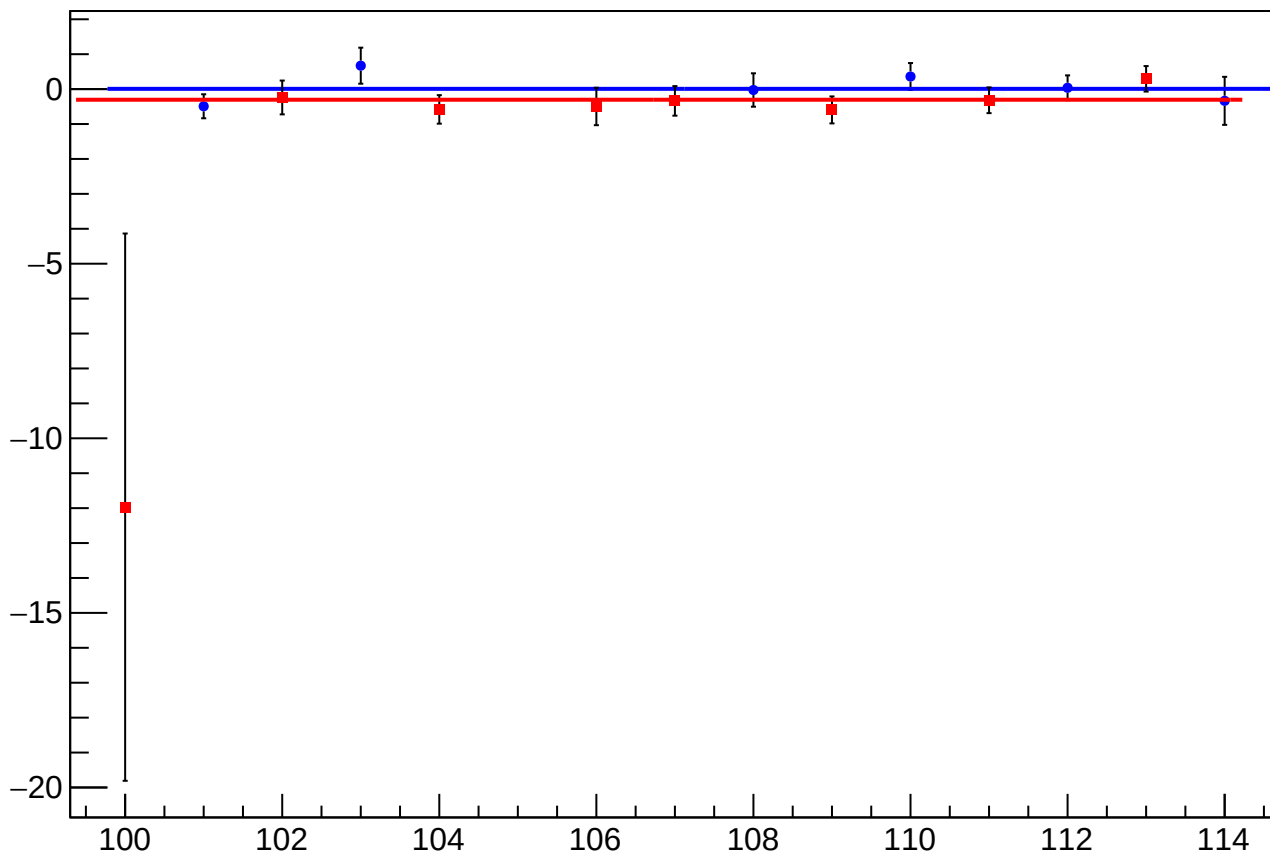
Right: 0.054+/-0.092 χ^2/NDF : 104.7/13

In: 0.043+/-0.135 χ^2/NDF : 3.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.092 χ^2/NDF : 104.7/13

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

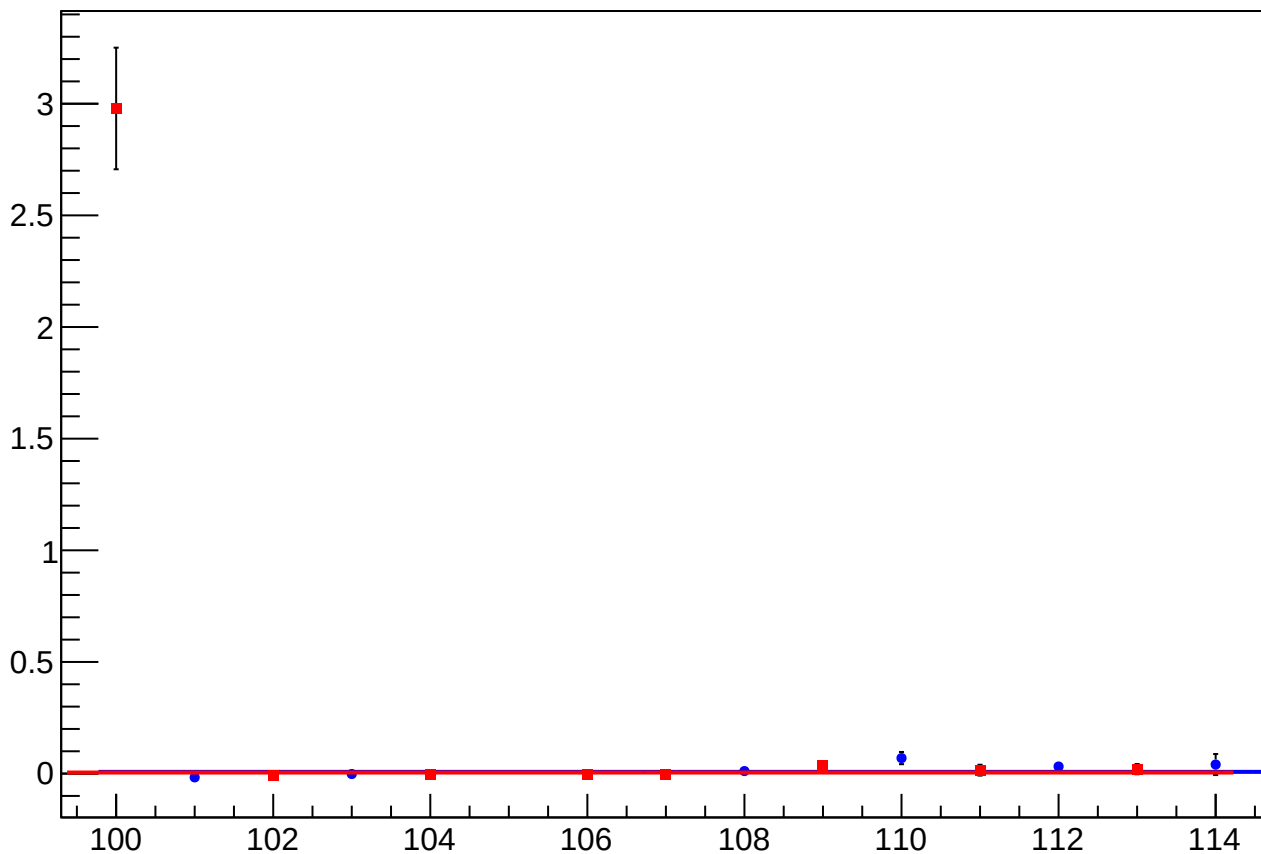
Right: -0.164+/-0.116 χ^2/NDF : 12.7/13

In: 0.008+/-0.173 χ^2/NDF : 4.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.164+/-0.116 χ^2/NDF : 12.7/13

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.008 χ^2 /NDF: 9.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.007 χ^2 /NDF: 123.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

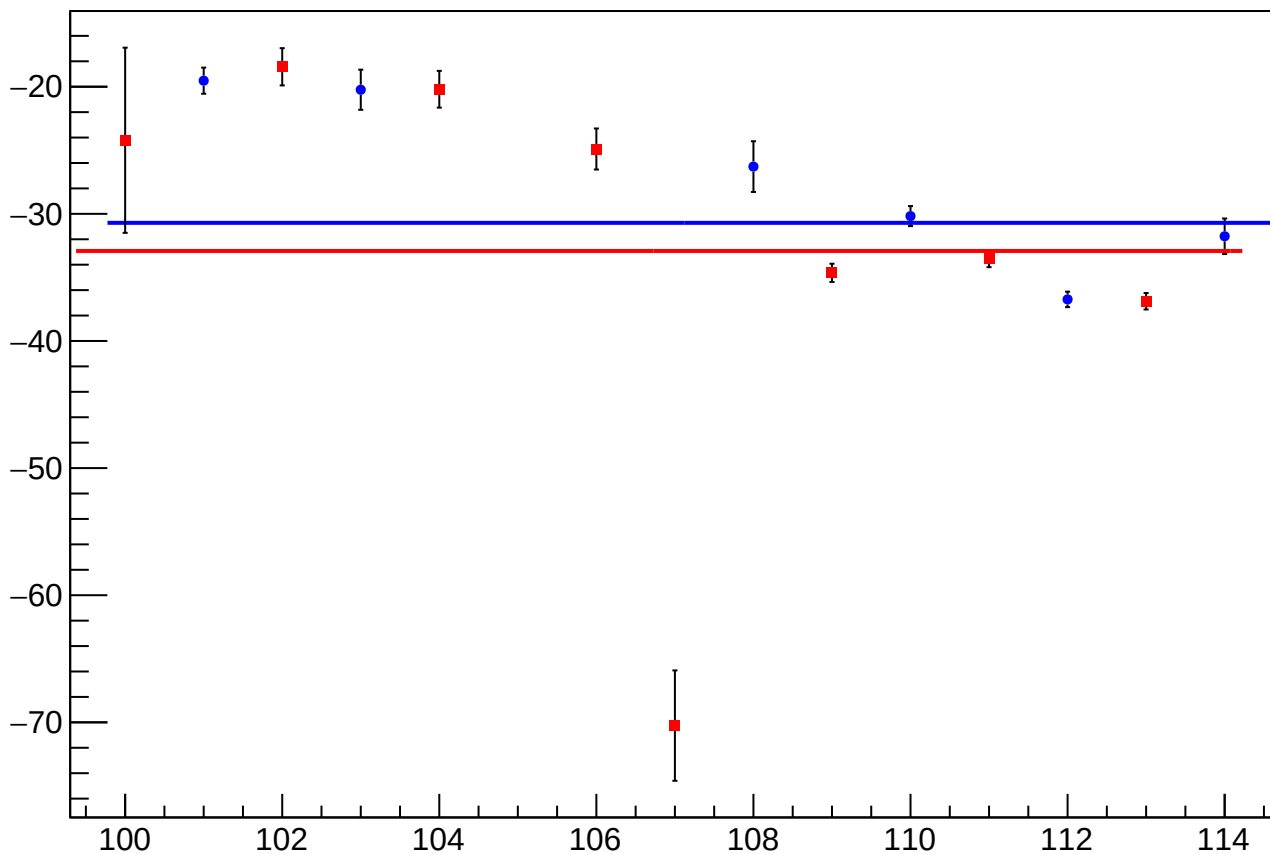
Right: 0.006 $\pm$ 0.005 χ^2 /NDF: 133.8/13

In: 0.008 $\pm$ 0.008 χ^2 /NDF: 9.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.005 χ^2 /NDF: 133.8/13

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

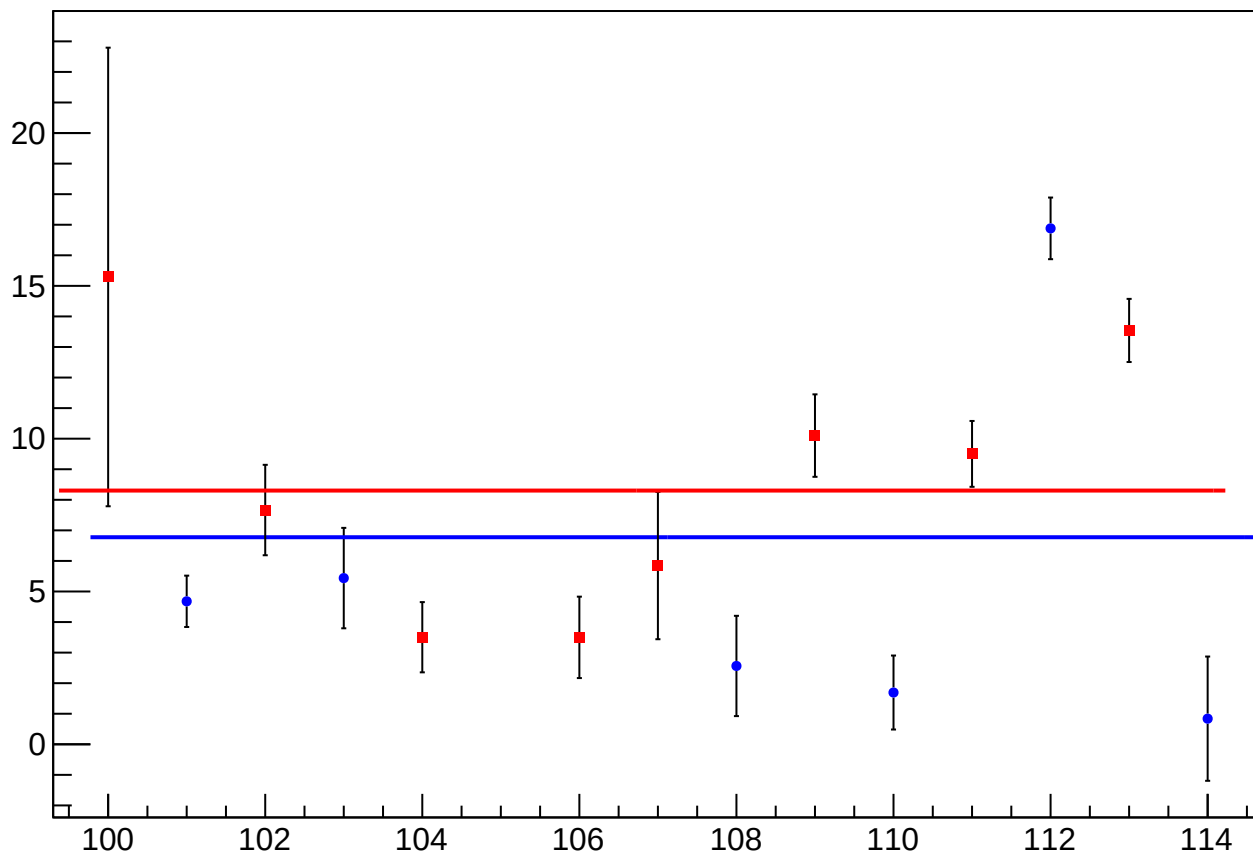
Right: -31.930+/-0.264 χ^2/NDF : 602.7/13

In: -30.708+/-0.395 χ^2/NDF : 266.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.930+/-0.264 χ^2/NDF : 602.7/13

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.775+/-0.496 χ^2/NDF : 140.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.302+/-0.481 χ^2/NDF : 61.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

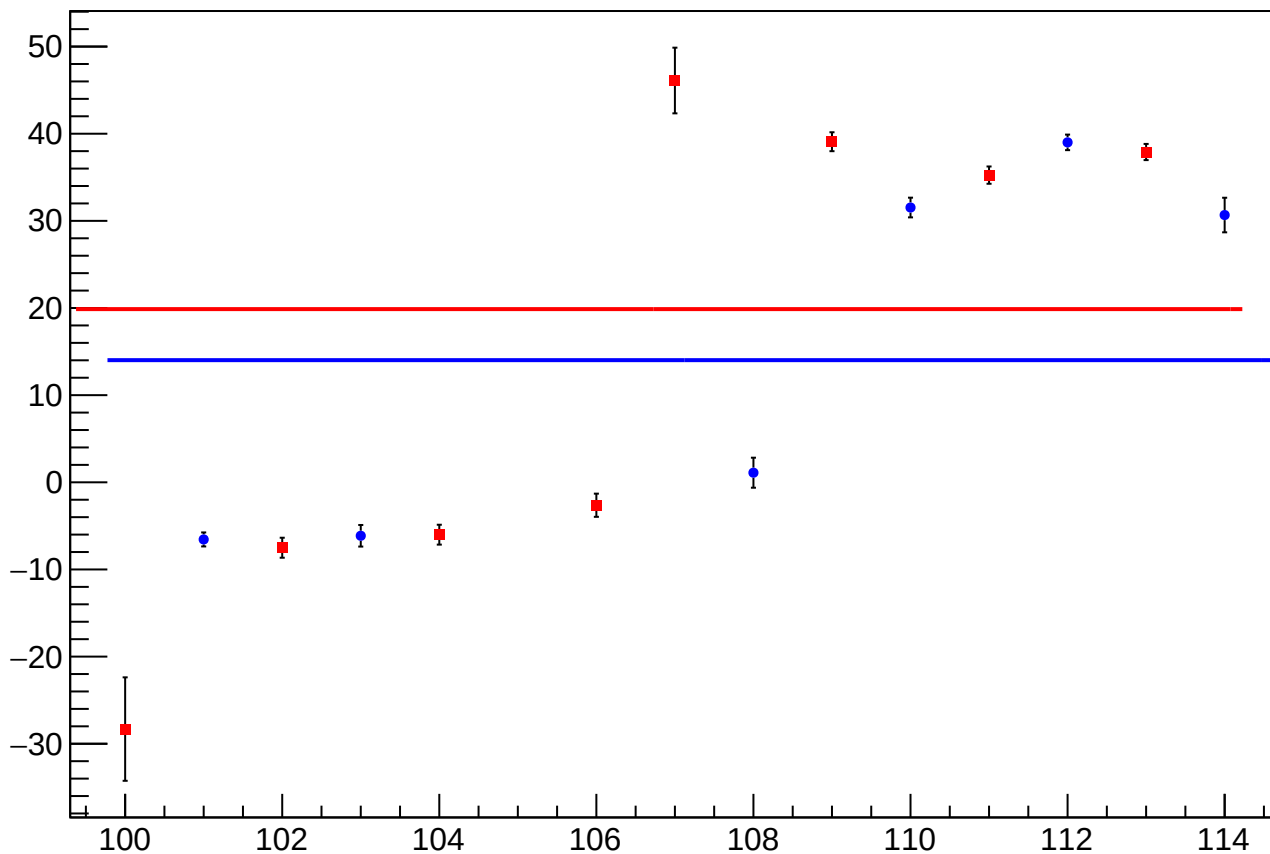
Right: 7.562+/-0.345 χ^2/NDF : 206.2/13

In: 6.775+/-0.496 χ^2/NDF : 140.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.562+/-0.345 χ^2/NDF : 206.2/13

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

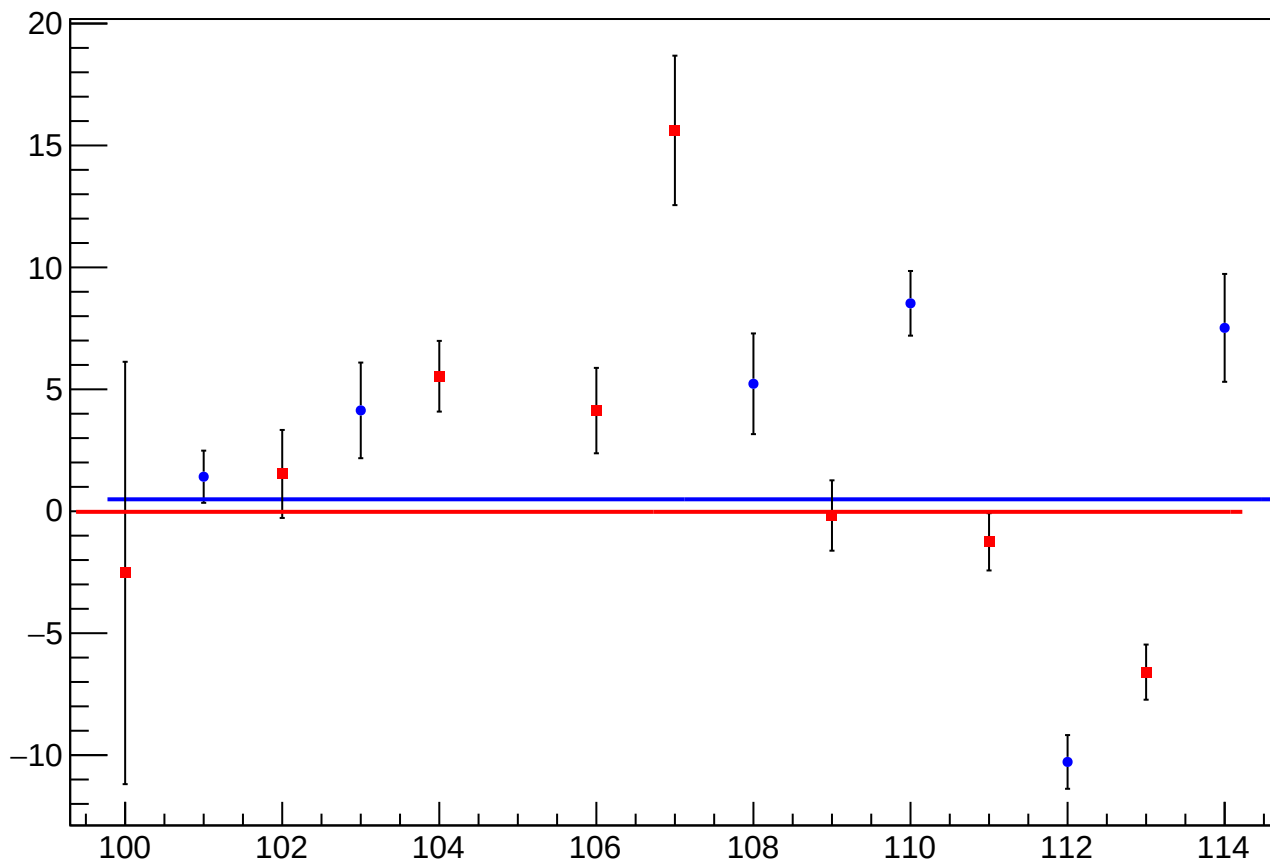
Right: 17.059+/-0.315 χ^2/NDF : 4574.9/13

In: 14.017+/-0.455 χ^2/NDF : 2072.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.059+/-0.315 χ^2/NDF : 4574.9/13

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

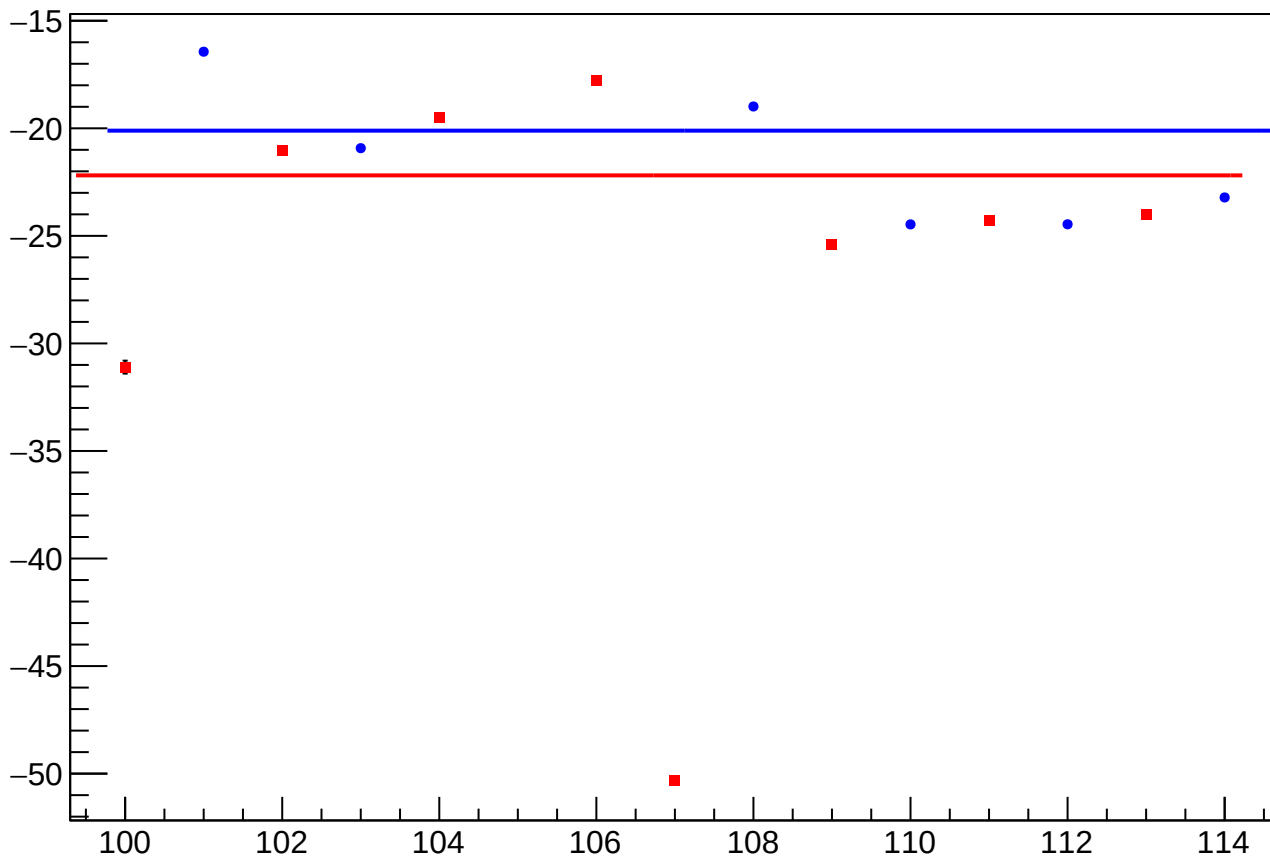
Right: 0.223 $\pm$ 0.402 χ^2 /NDF: 234.4/13

In: 0.490 $\pm$ 0.581 χ^2 /NDF:151.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.223 $\pm$ 0.402 χ^2 /NDF: 234.4/13

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.108 $\pm$ 0.027 χ^2 /NDF: 12850.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.188 $\pm$ 0.025 χ^2 /NDF: 45735.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

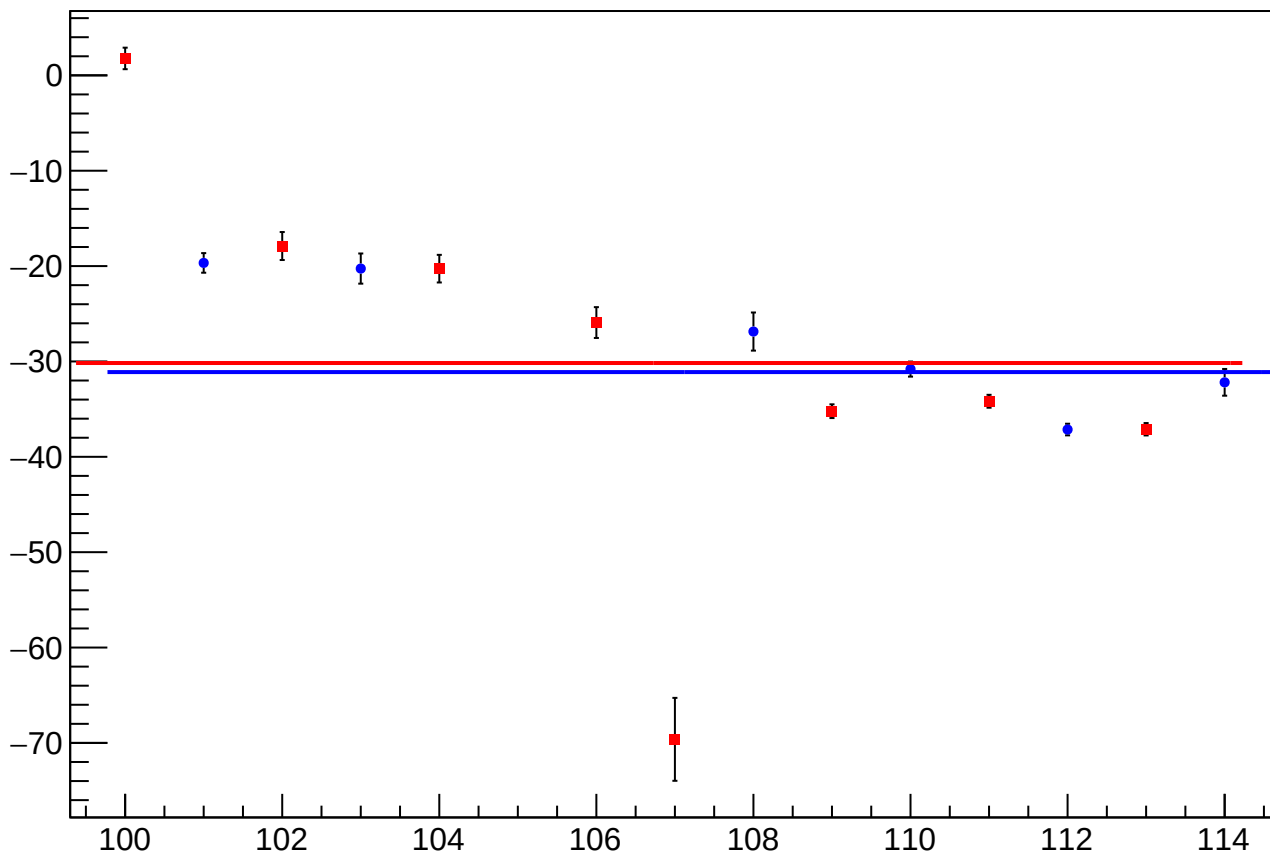
Right: -21.216 $\pm$ 0.018 χ^2 /NDF: 61746.7/13

In: -20.108 $\pm$ 0.027 χ^2 /NDF:12850.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.216 $\pm$ 0.018 χ^2 /NDF: 61746.7/13

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

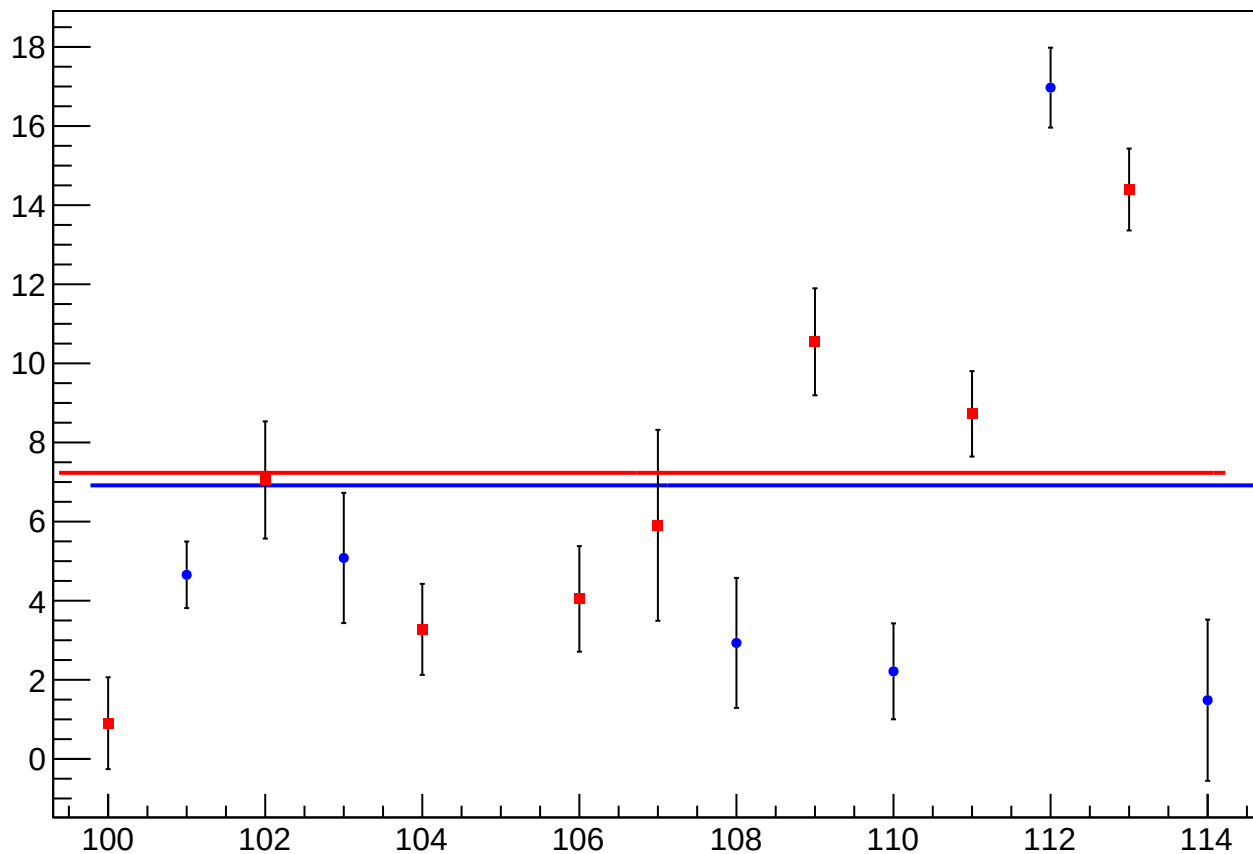
Right: -30.568 ± 0.258 χ^2/NDF : 1483.3/13

In: -31.115 ± 0.395 χ^2/NDF : 273.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.568 ± 0.258 χ^2/NDF : 1483.3/13

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

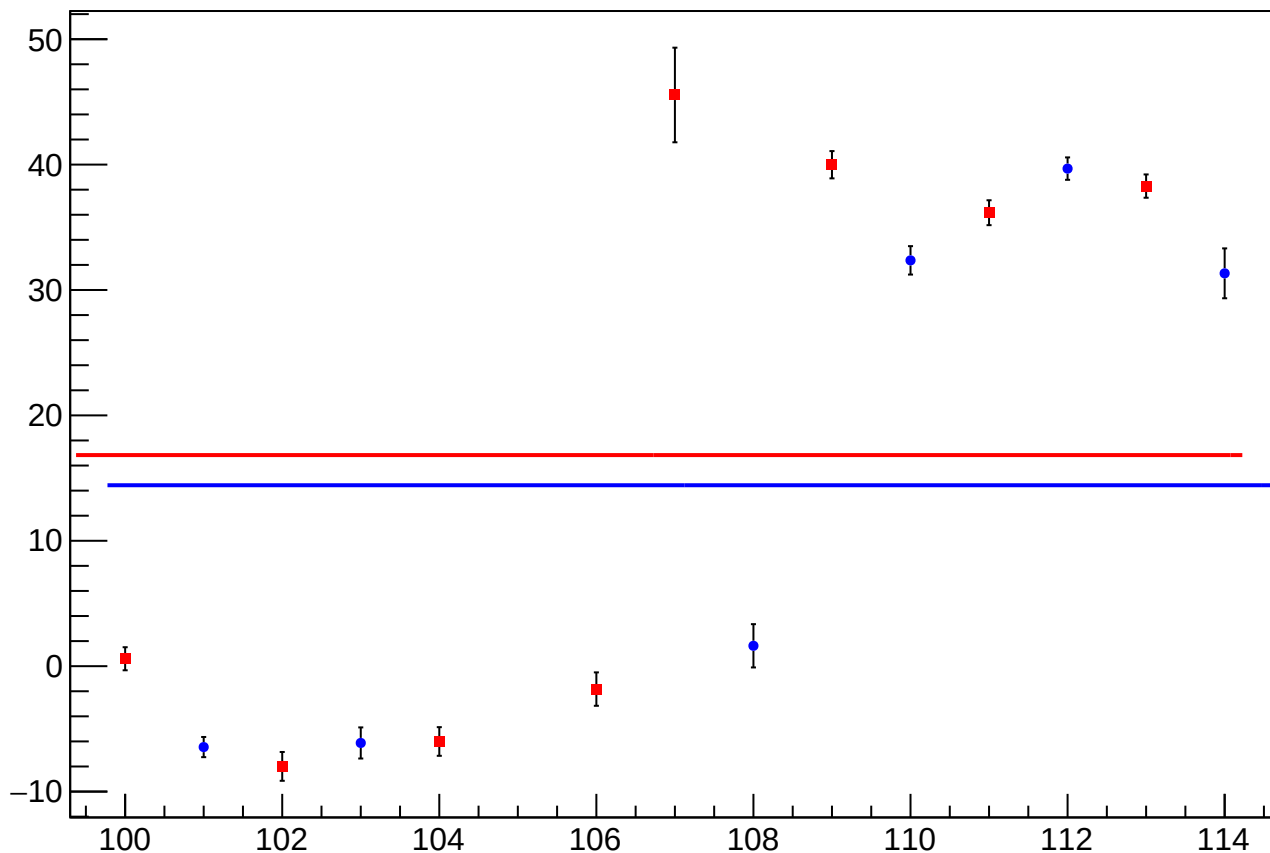
Right: 7.091+/-0.332 χ^2/NDF : 239.0/13

In: 6.916+/-0.497 χ^2/NDF : 135.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.091+/-0.332 χ^2/NDF : 239.0/13

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 14.429+/-0.456 χ^2/NDF : 2123.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.834+/-0.397 χ^2/NDF : 2797.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

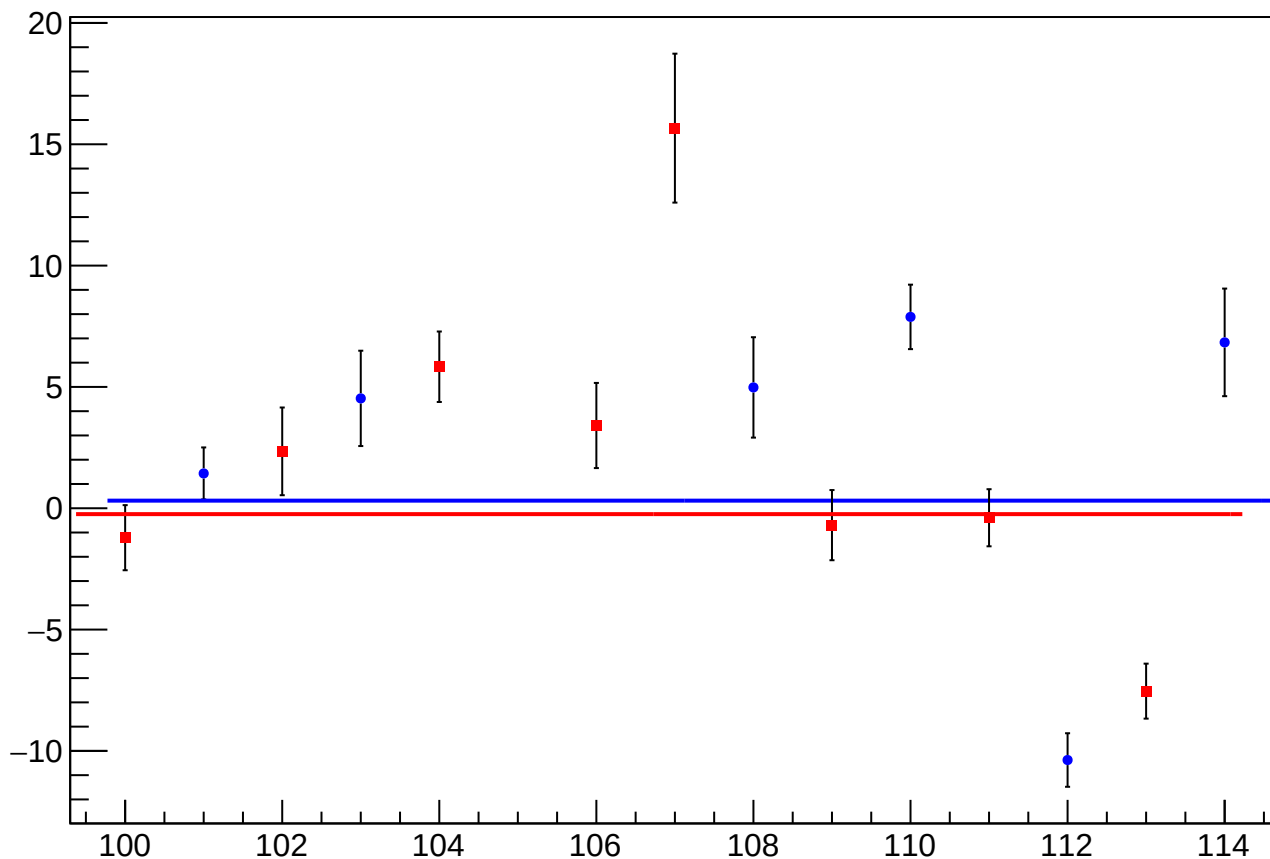
Right: 15.798+/-0.299 χ^2/NDF : 4936.8/13

In: 14.429+/-0.456 χ^2/NDF : 2123.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.798+/-0.299 χ^2/NDF : 4936.8/13

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

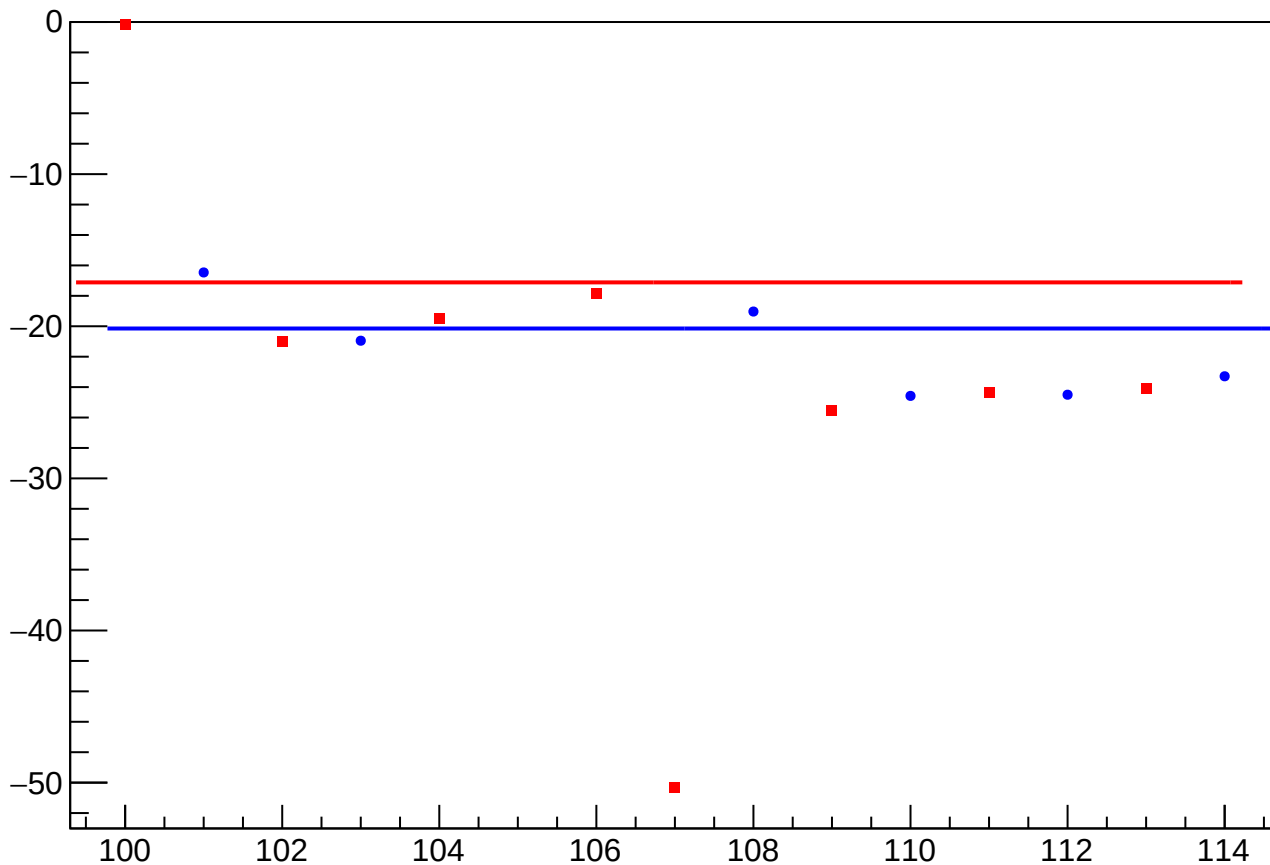
Right: 0.003 $\pm$ 0.386 χ^2 /NDF: 239.1/13

In: 0.314 $\pm$ 0.582 χ^2 /NDF:145.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.386 χ^2 /NDF: 239.1/13

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

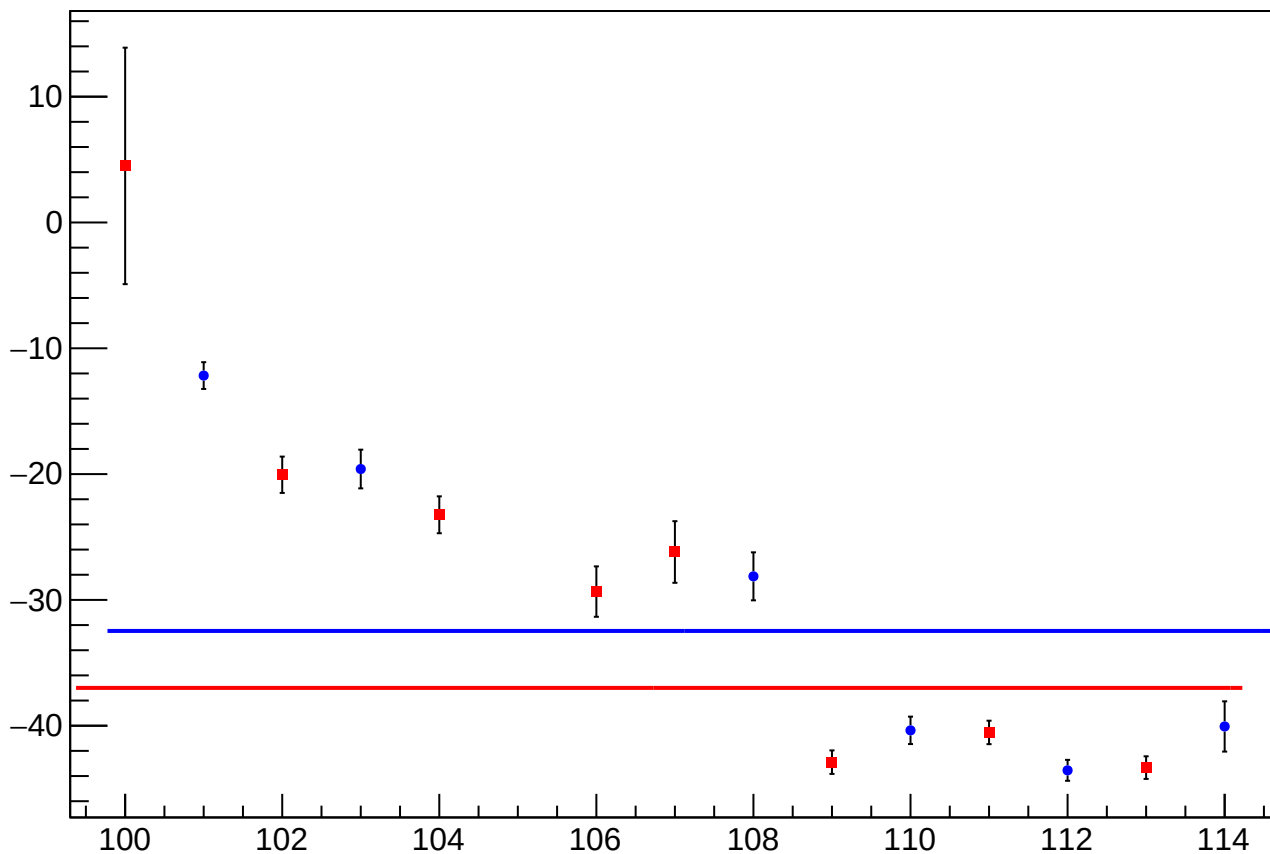
Right: -18.344 $\pm$ 0.017 χ^2 /NDF: 236997.1/13

In: -20.148 $\pm$ 0.027 χ^2 /NDF: 12915.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.344 $\pm$ 0.017 χ^2 /NDF: 236997.1/13

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.466+/-0.493 χ^2/NDF : 683.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.993+/-0.451 χ^2/NDF : 383.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

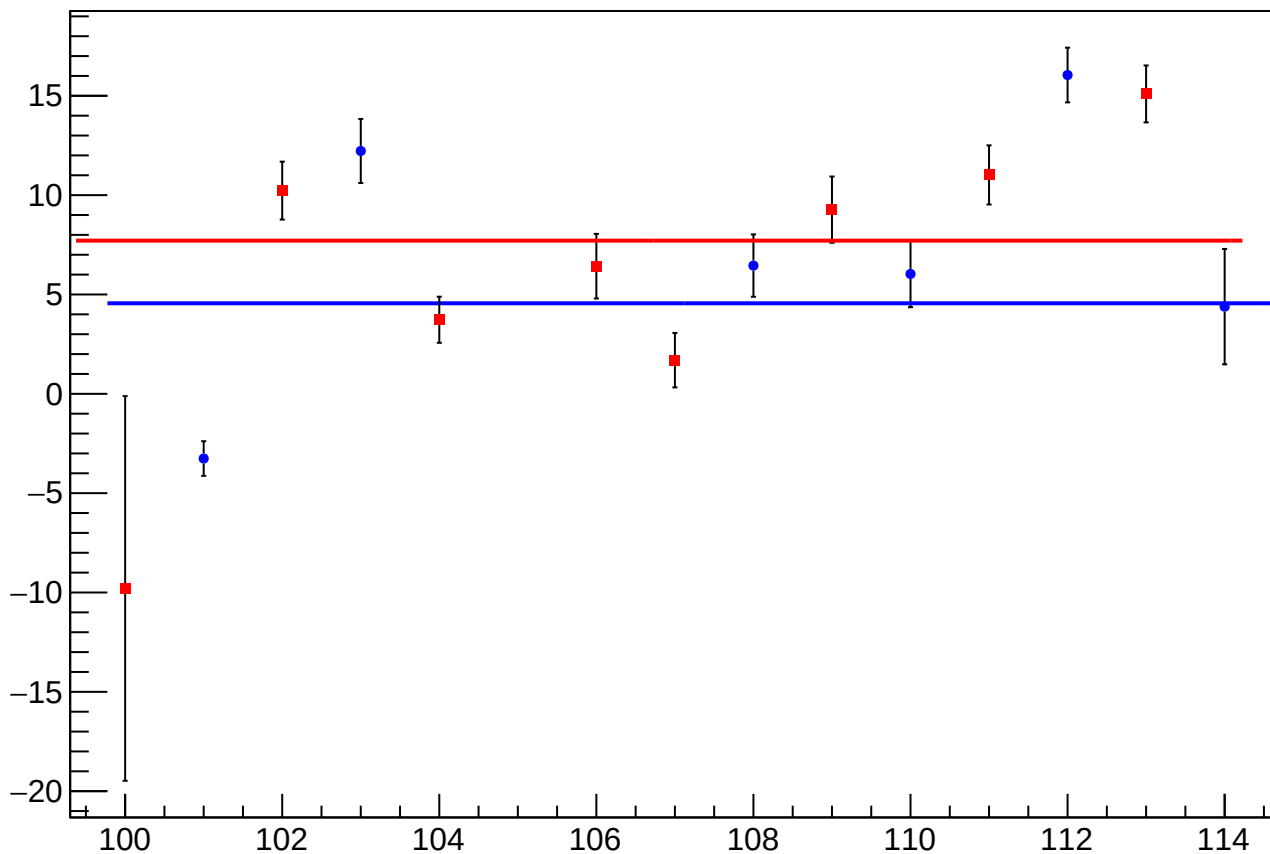
Right: -34.928+/-0.333 χ^2/NDF : 1112.8/13

In: -32.466+/-0.493 χ^2/NDF : 683.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.928+/-0.333 χ^2/NDF : 1112.8/13

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

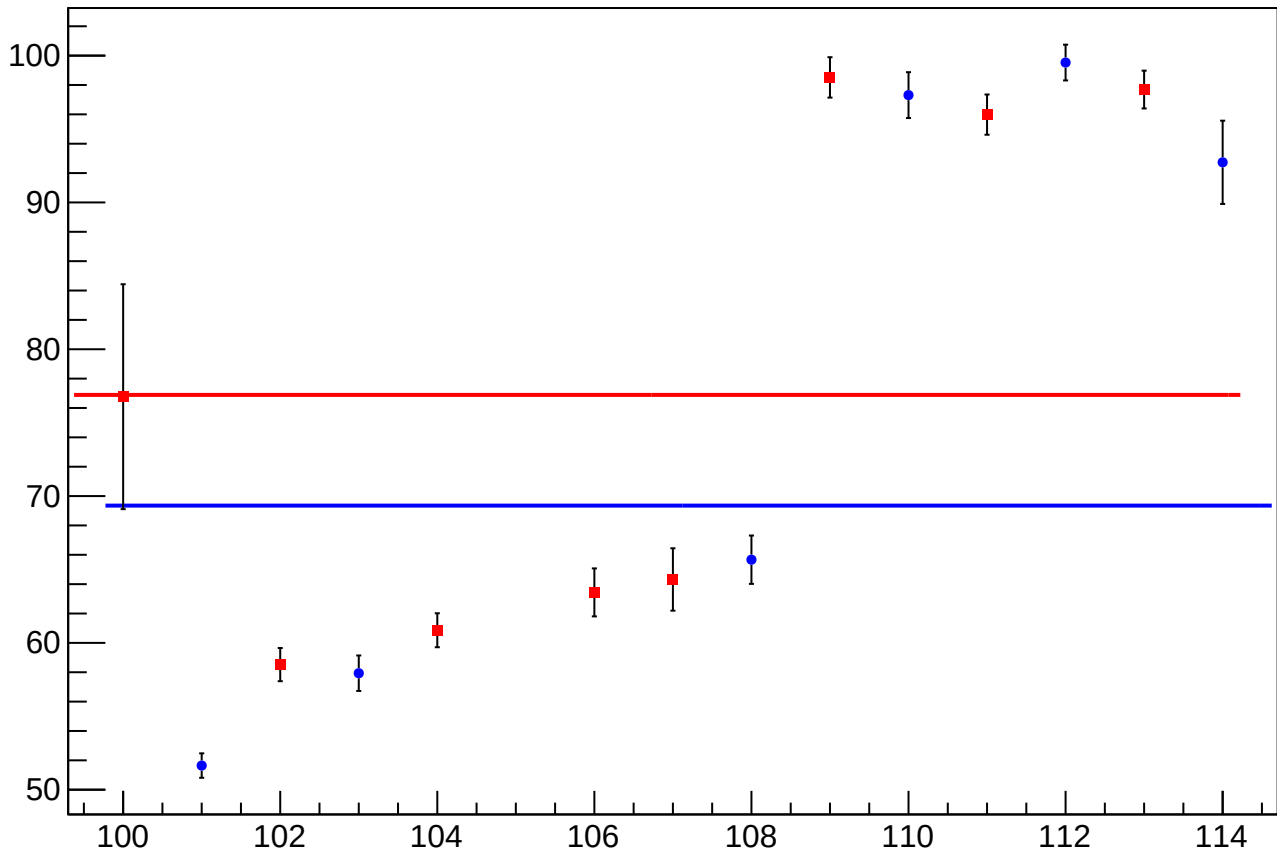
Right: 6.211+/-0.391 χ^2/NDF : 261.6/13

In: 4.557+/-0.567 χ^2/NDF : 175.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.211+/-0.391 χ^2/NDF : 261.6/13

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

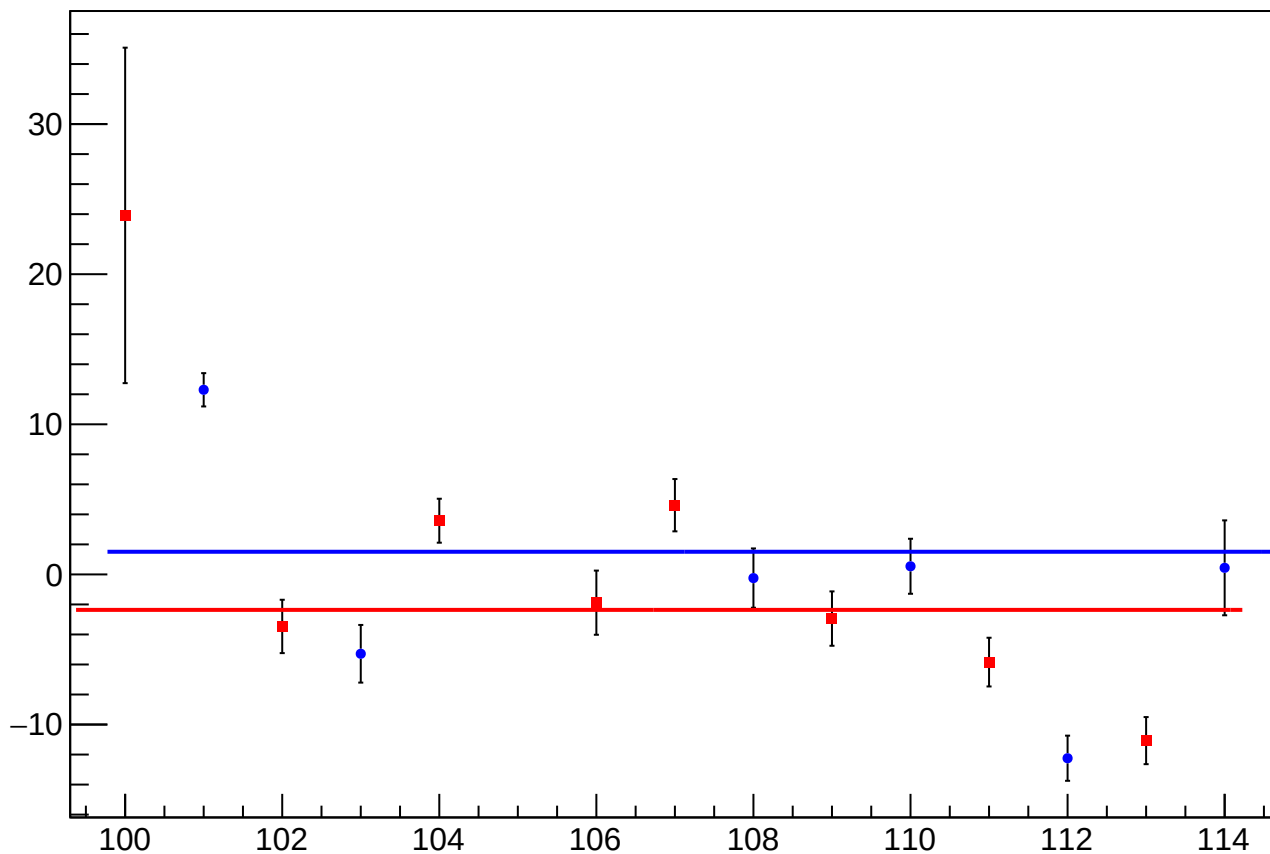
Right: 73.172+/-0.365 χ^2/NDF : 2917.1/13

In: 69.351+/-0.520 χ^2/NDF : 1549.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.172+/-0.365 χ^2/NDF : 2917.1/13

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.510+/-0.677 χ^2/NDF : 192.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.362+/-0.641 χ^2/NDF : 74.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

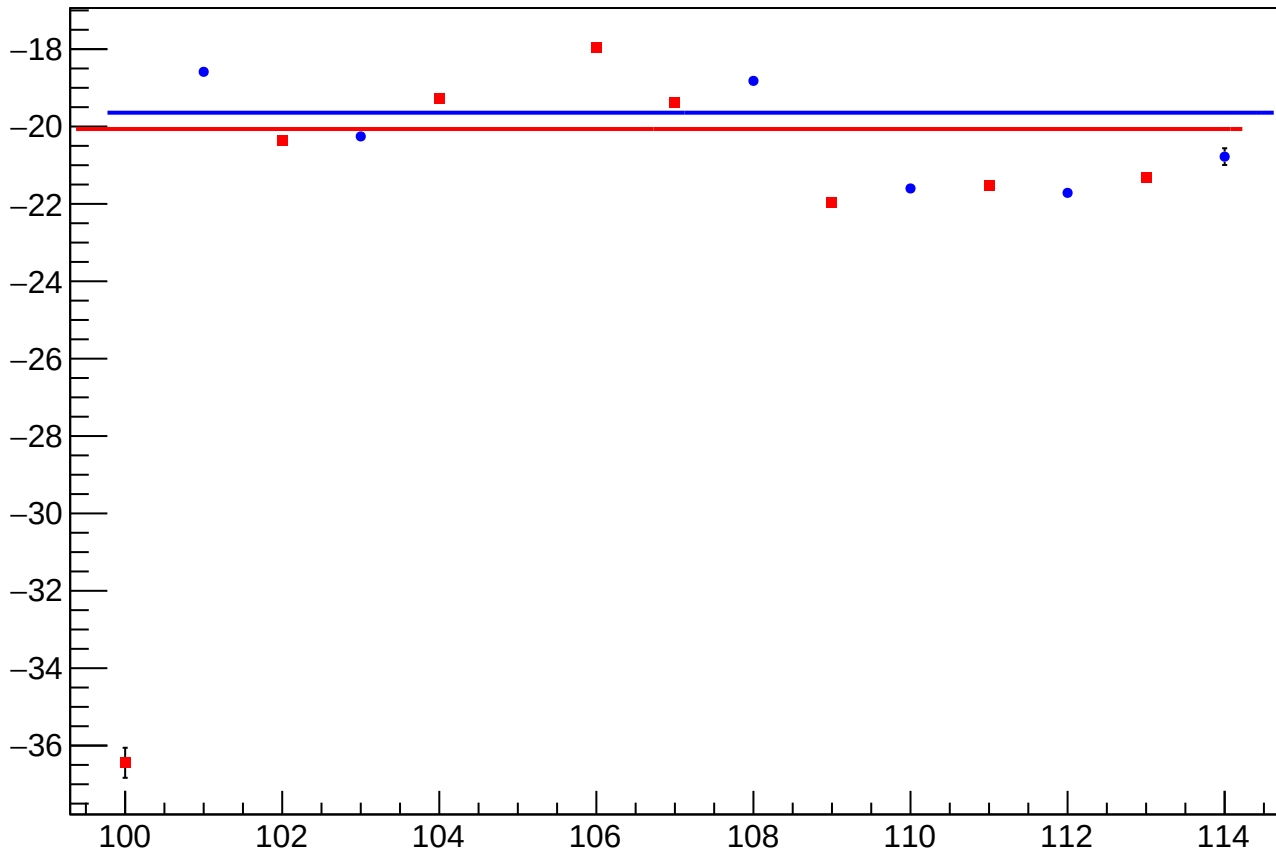
Right: -0.531+/-0.466 χ^2/NDF : 283.2/13

In: 1.510+/-0.677 χ^2/NDF : 192.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.531+/-0.466 χ^2/NDF : 283.2/13

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.643 $\pm$ 0.029 χ^2 /NDF: 1477.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.064 $\pm$ 0.027 χ^2 /NDF: 3569.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

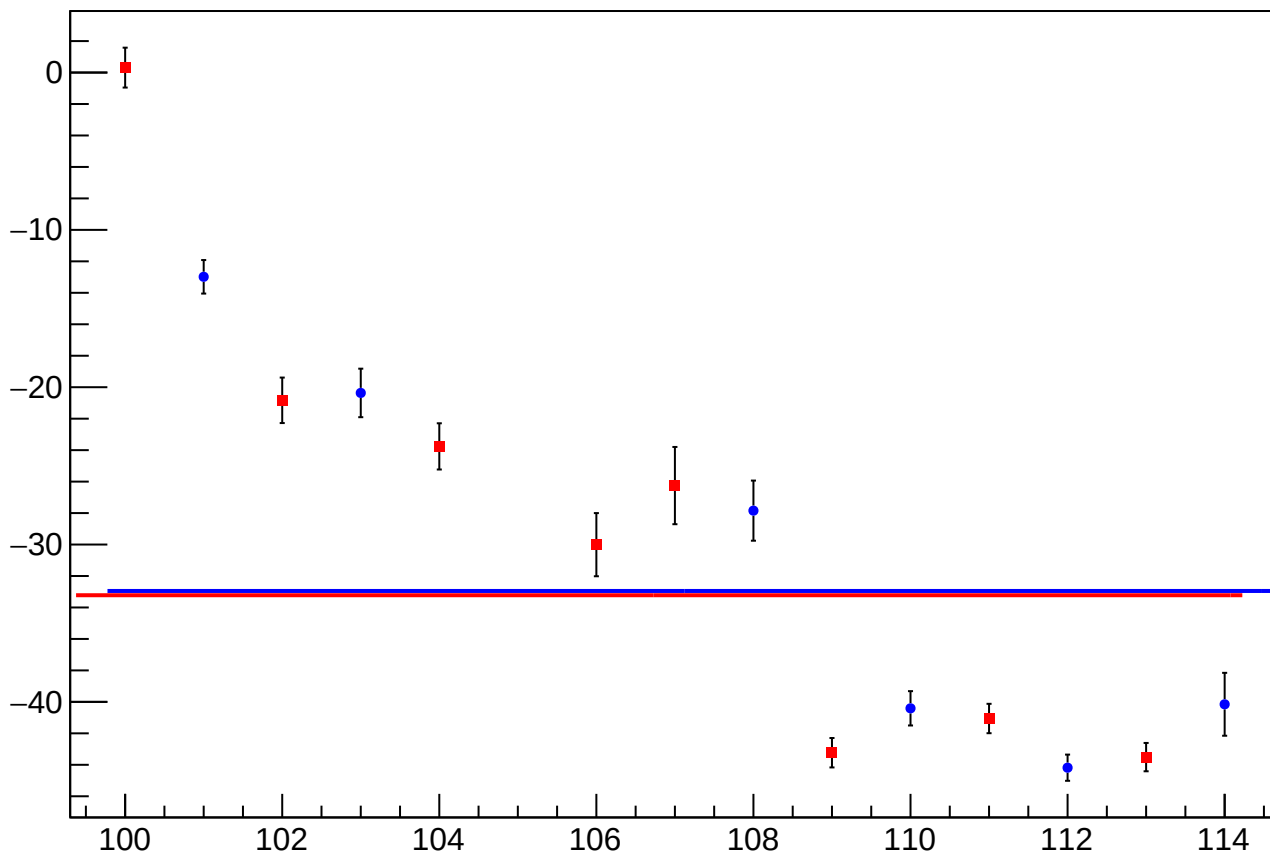
Right: -19.864 $\pm$ 0.020 χ^2 /NDF: 5160.2/13

In: -19.643 $\pm$ 0.029 χ^2 /NDF:1477.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.864 $\pm$ 0.020 χ^2 /NDF: 5160.2/13

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

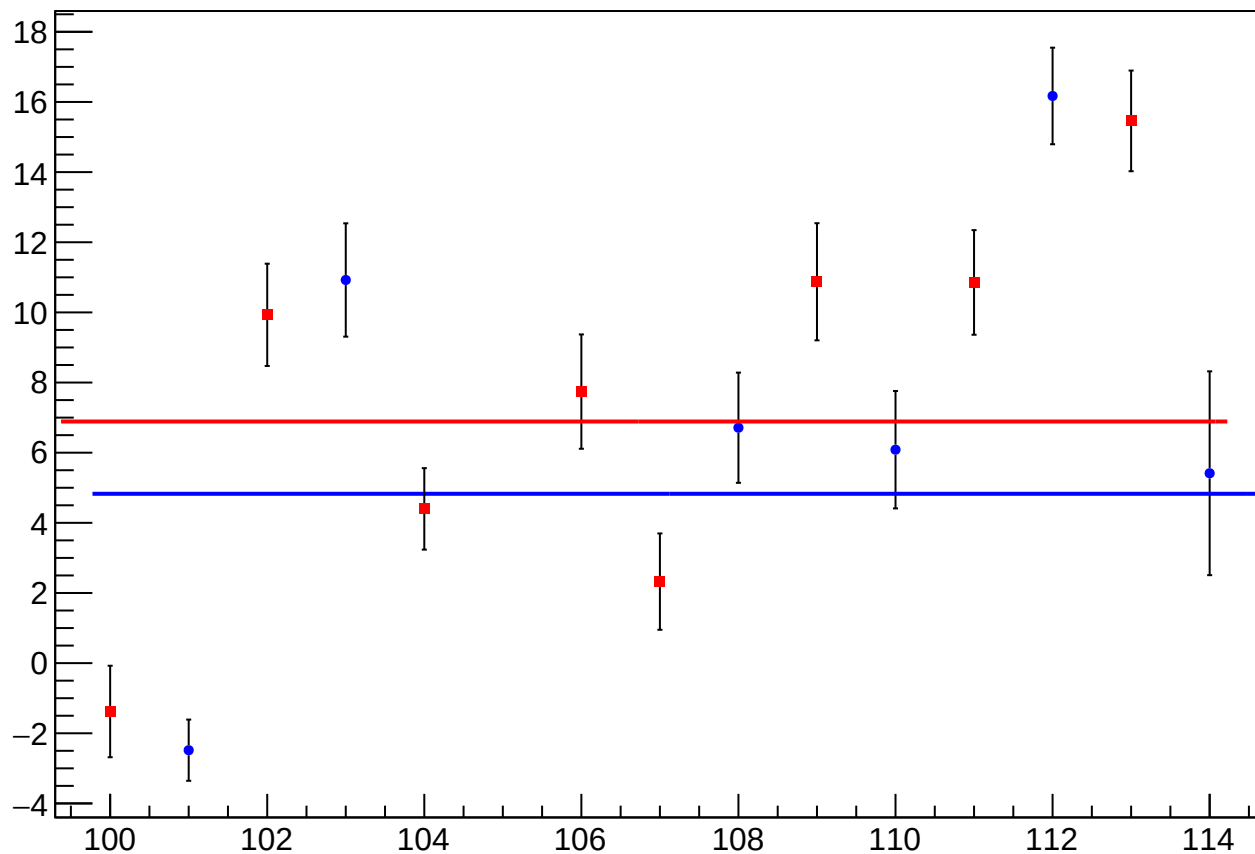
Right: -33.106 $\pm$ 0.323 χ^2 /NDF: 1807.7/13

In: -32.951 $\pm$ 0.493 χ^2 /NDF:666.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.106 $\pm$ 0.323 χ^2 /NDF: 1807.7/13

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.828+/-0.568 χ^2/NDF : 154.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.889+/-0.500 χ^2/NDF : 108.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

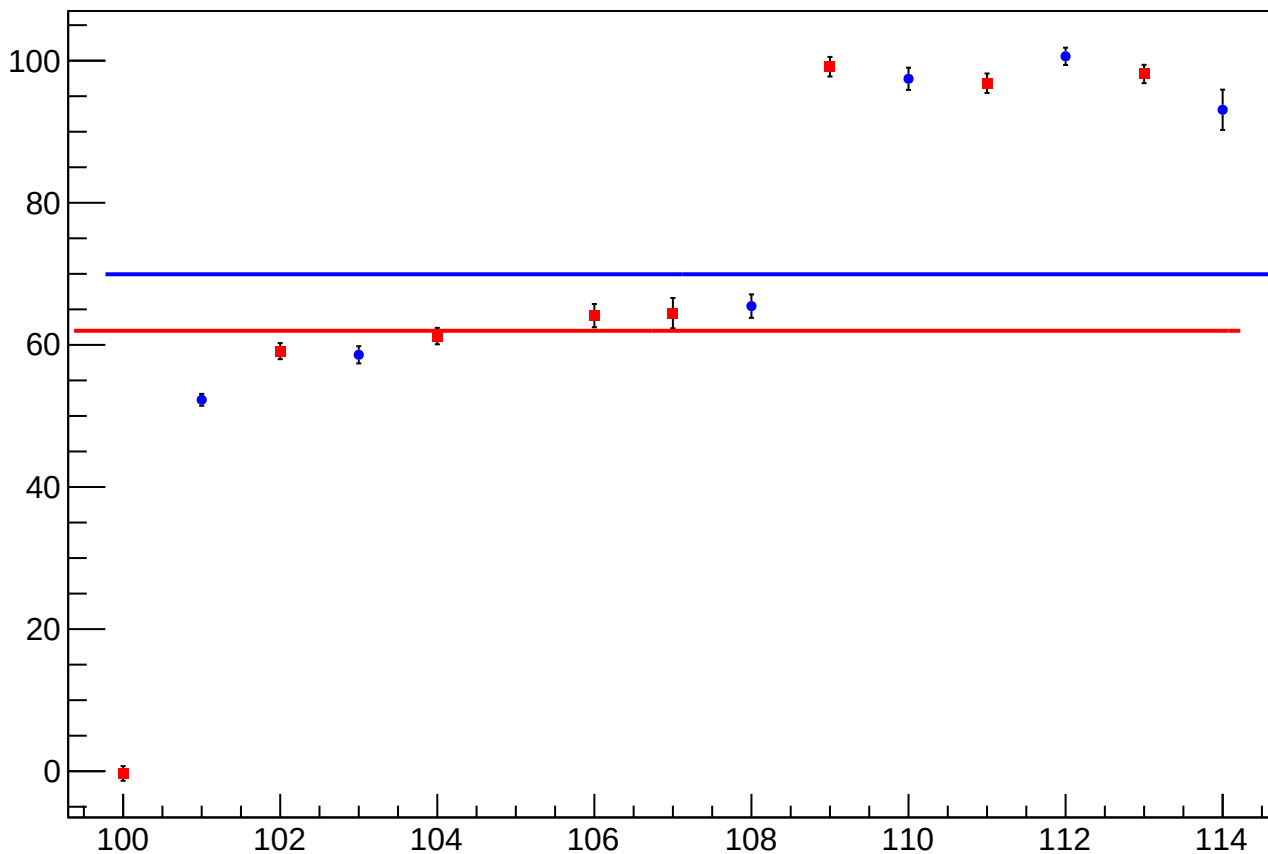
Right: 5.989+/-0.375 χ^2/NDF : 270.6/13

In: 4.828+/-0.568 χ^2/NDF : 154.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.989+/-0.375 χ^2/NDF : 270.6/13

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.941+/-0.520 χ^2/NDF : 1553.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.987+/-0.461 χ^2/NDF : 5803.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

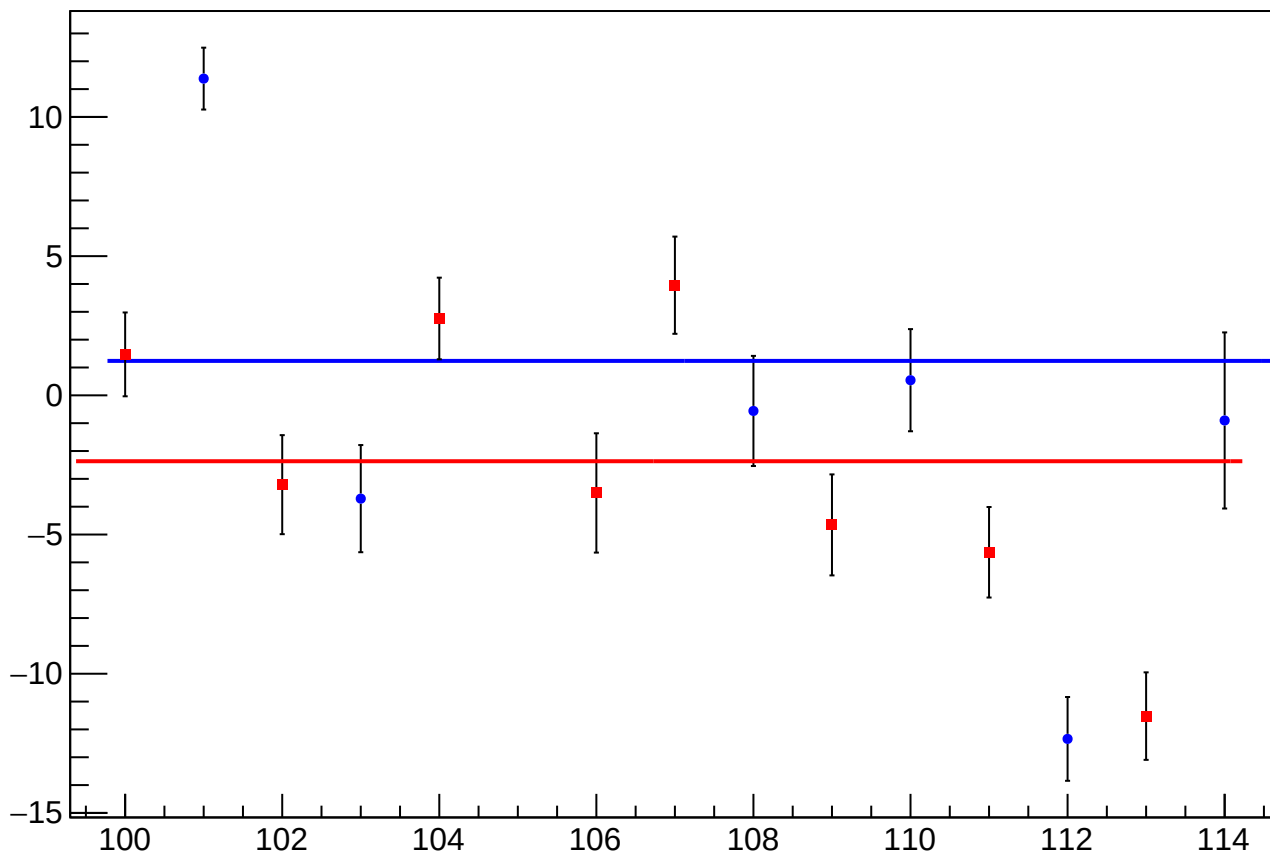
Right: 65.481+/-0.345 χ^2/NDF : 7488.3/13

In: 69.941+/-0.520 χ^2/NDF : 1553.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.481+/-0.345 χ^2/NDF : 7488.3/13

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

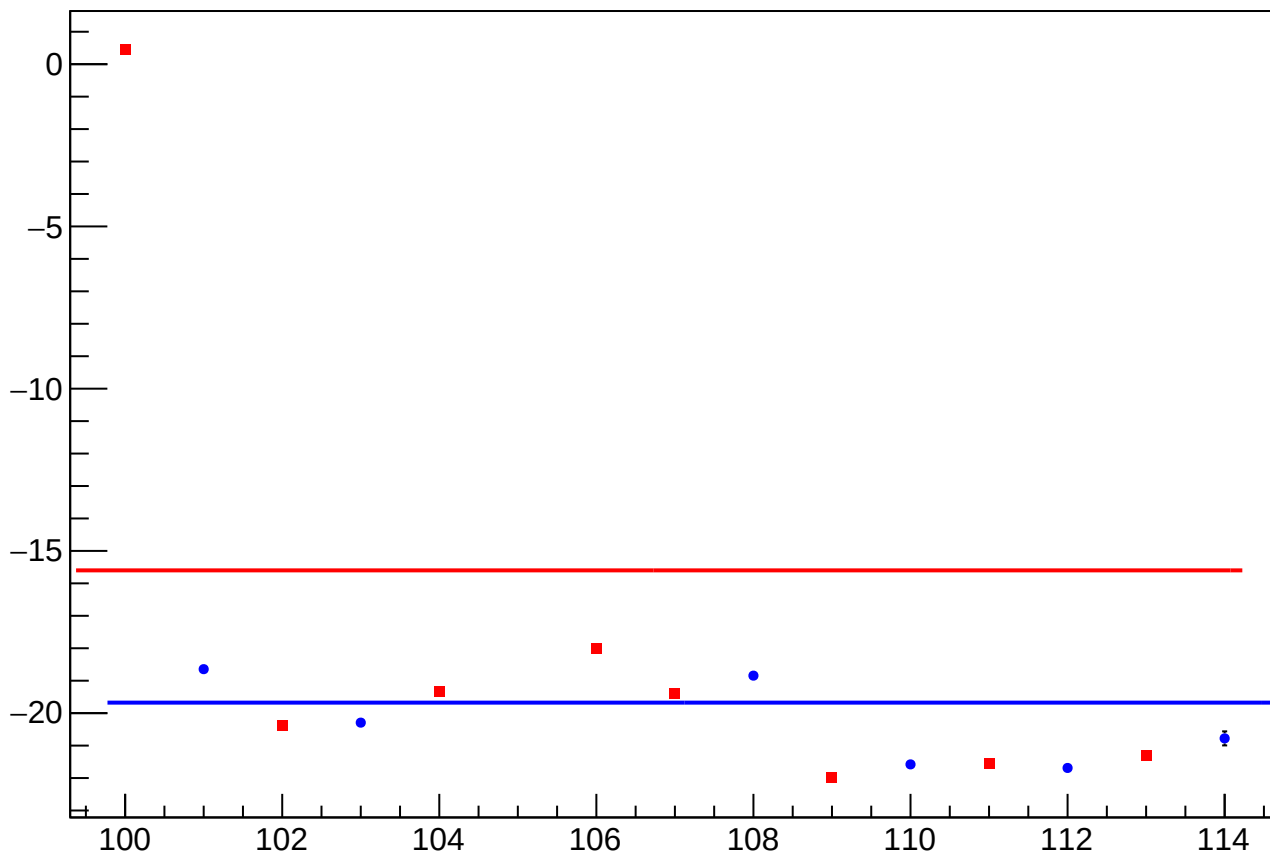
Right: -0.809 $\pm$ 0.446 χ^2 /NDF: 260.7/13

In: 1.237 $\pm$ 0.678 χ^2 /NDF:172.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.809 $\pm$ 0.446 χ^2 /NDF: 260.7/13

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.676 ± 0.029 $\chi^2/\text{NDF}: 1416.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -15.600 ± 0.024 $\chi^2/\text{NDF}: 121789.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

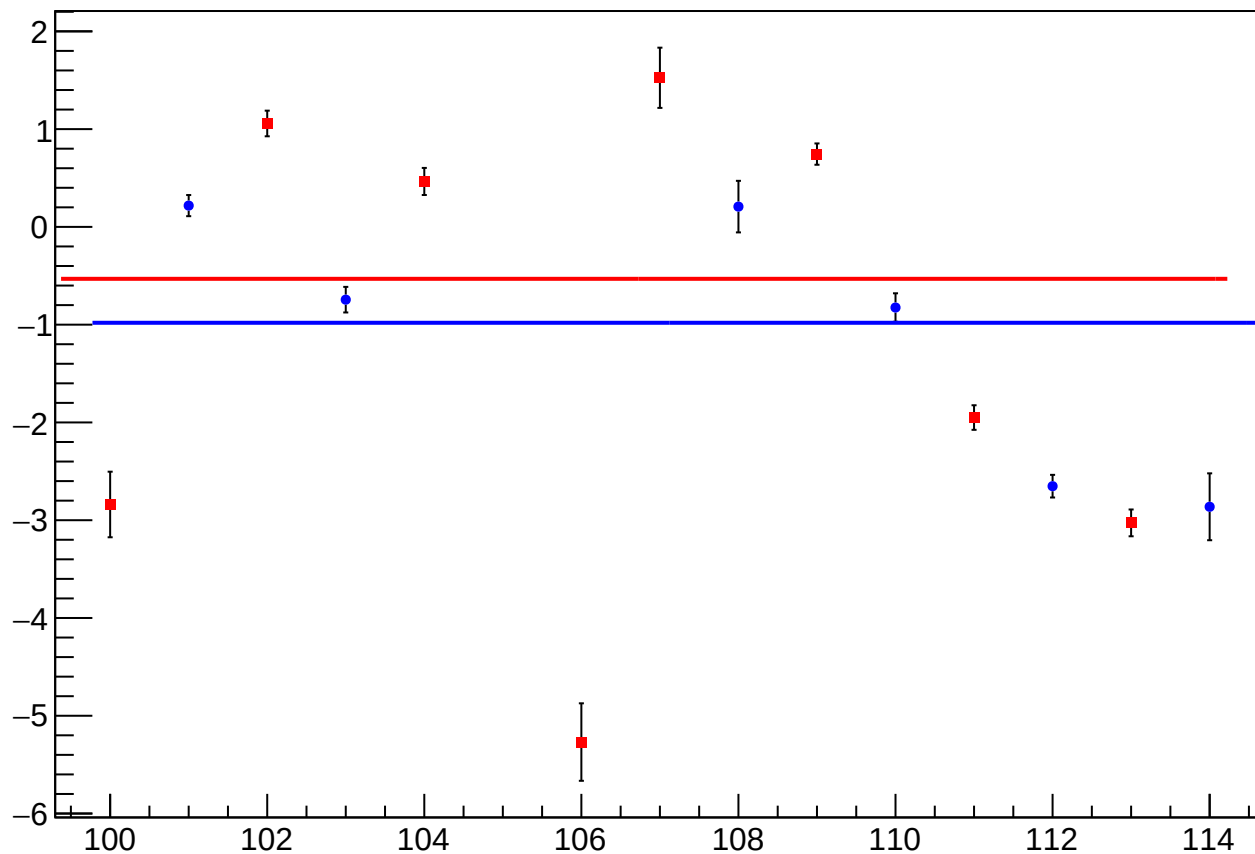
Right: -17.294 ± 0.019 $\chi^2/\text{NDF}: 134905.8/13$

In: -19.676 ± 0.029 $\chi^2/\text{NDF}: 1416.6/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.294 ± 0.019 $\chi^2/\text{NDF}: 134905.8/13$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

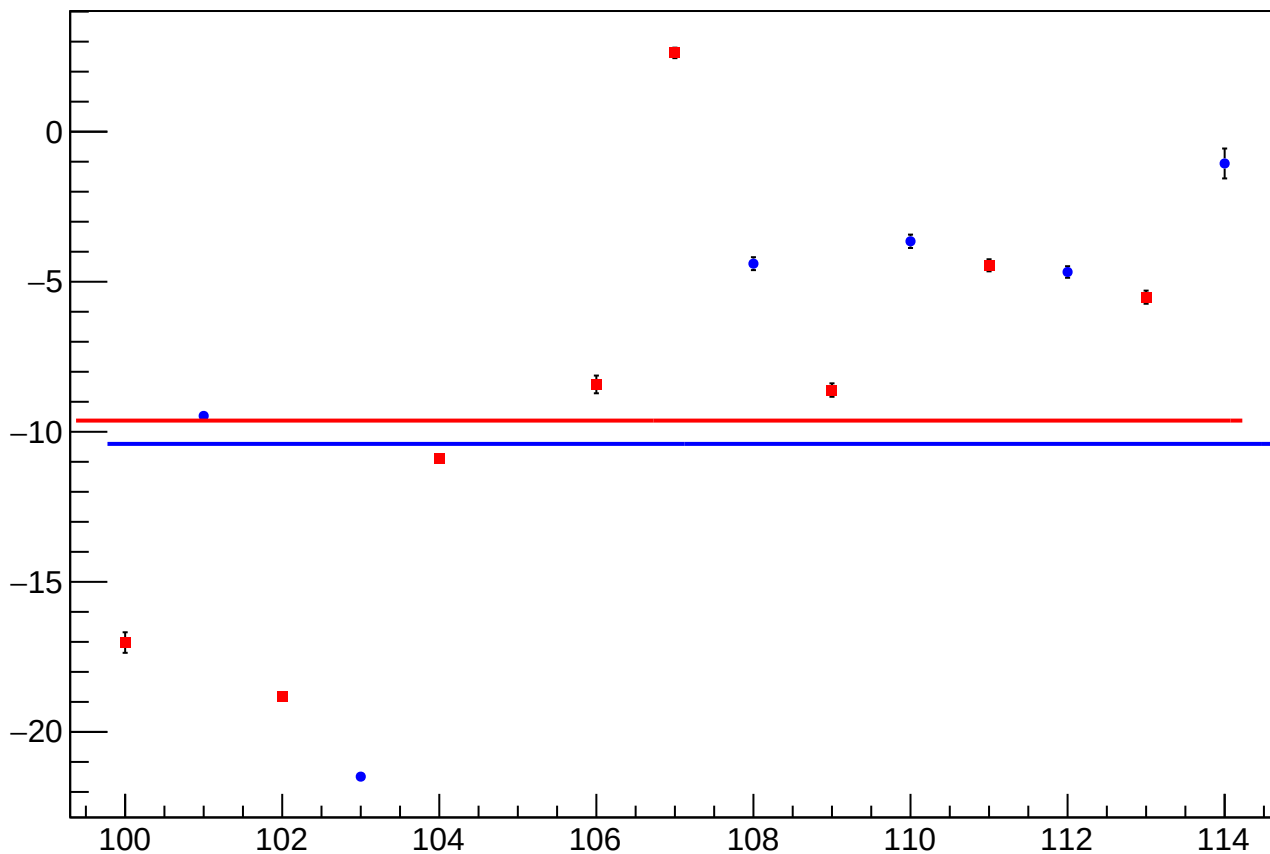
Right: -0.738 ± 0.040 χ^2/NDF : 1447.1/13

In: -0.981 ± 0.059 χ^2/NDF : 386.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.738 ± 0.040 χ^2/NDF : 1447.1/13

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.403 ± 0.063 χ^2/NDF : 9427.2/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.626 ± 0.064 χ^2/NDF : 11103.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

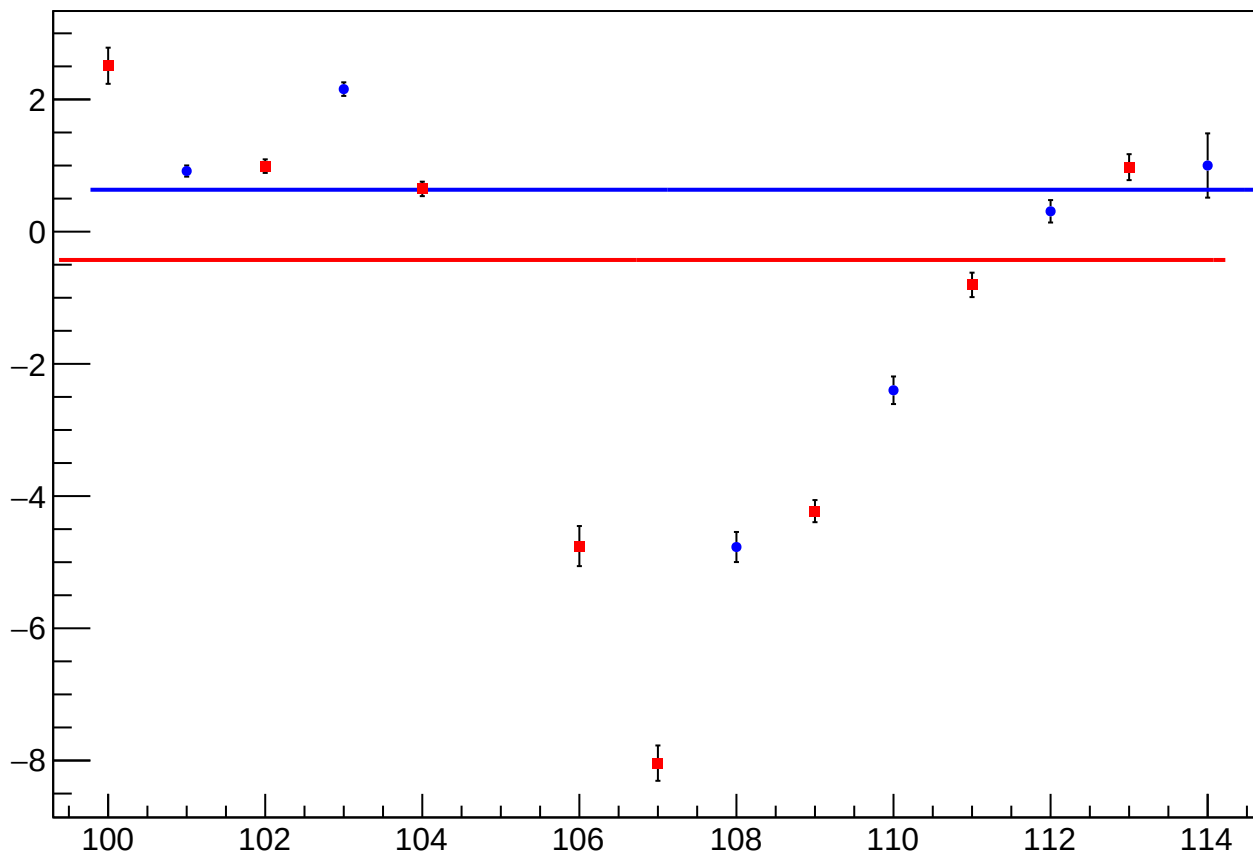
Right: -10.020 ± 0.045 χ^2/NDF : 20605.5/13

In: -10.403 ± 0.063 χ^2/NDF : 9427.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.020 ± 0.045 χ^2/NDF : 20605.5/13

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

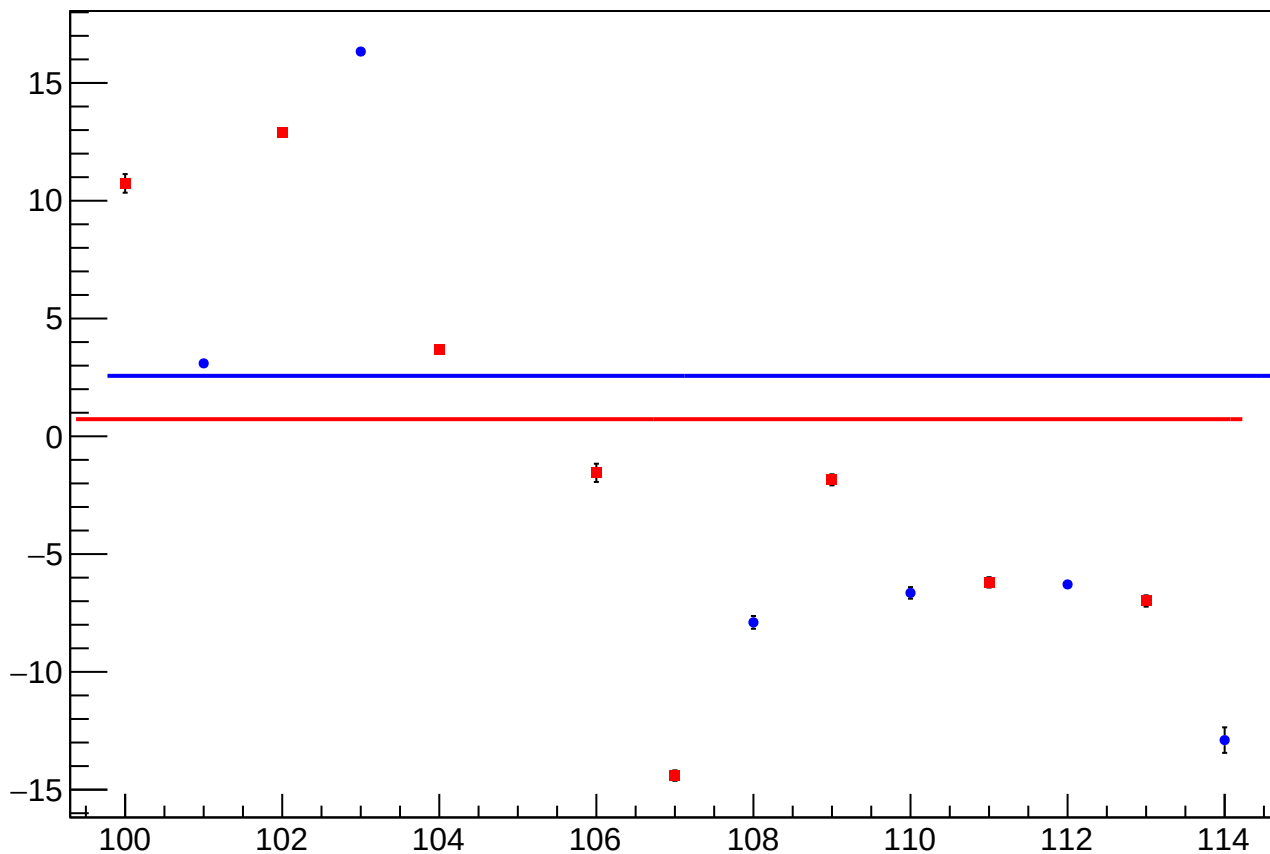
Right: 0.110+/-0.040 χ^2/NDF : 3174.1/13

In: 0.634+/-0.056 χ^2/NDF : 1009.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.040 χ^2/NDF : 3174.1/13

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.566+/-0.076 χ^2/NDF : 12507.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.727+/-0.076 χ^2/NDF : 13323.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

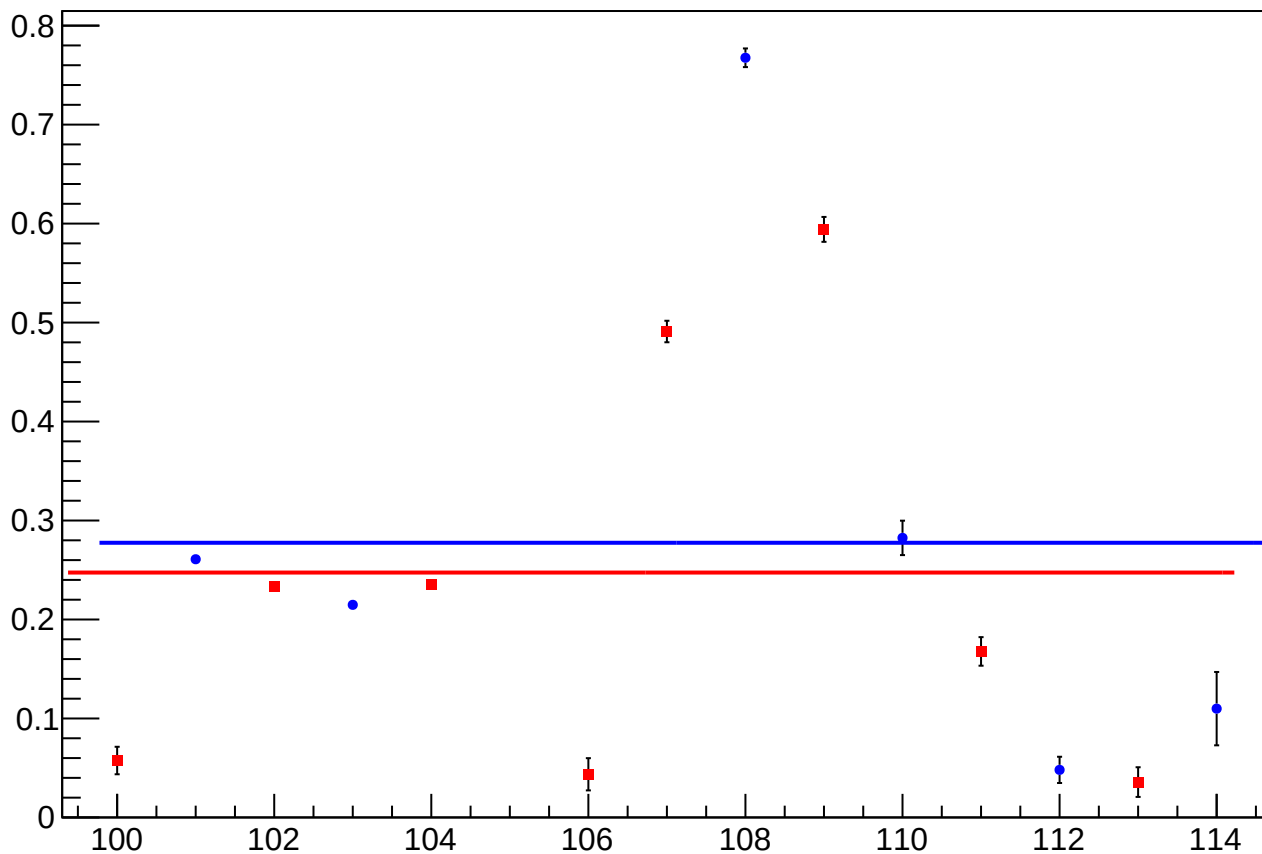
Right: 1.647+/-0.054 χ^2/NDF : 26123.6/13

In: 2.566+/-0.076 χ^2/NDF : 12507.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.647+/-0.054 χ^2/NDF : 26123.6/13

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.278+/-0.003 χ^2/NDF : 3246.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.247+/-0.003 χ^2/NDF : 1851.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

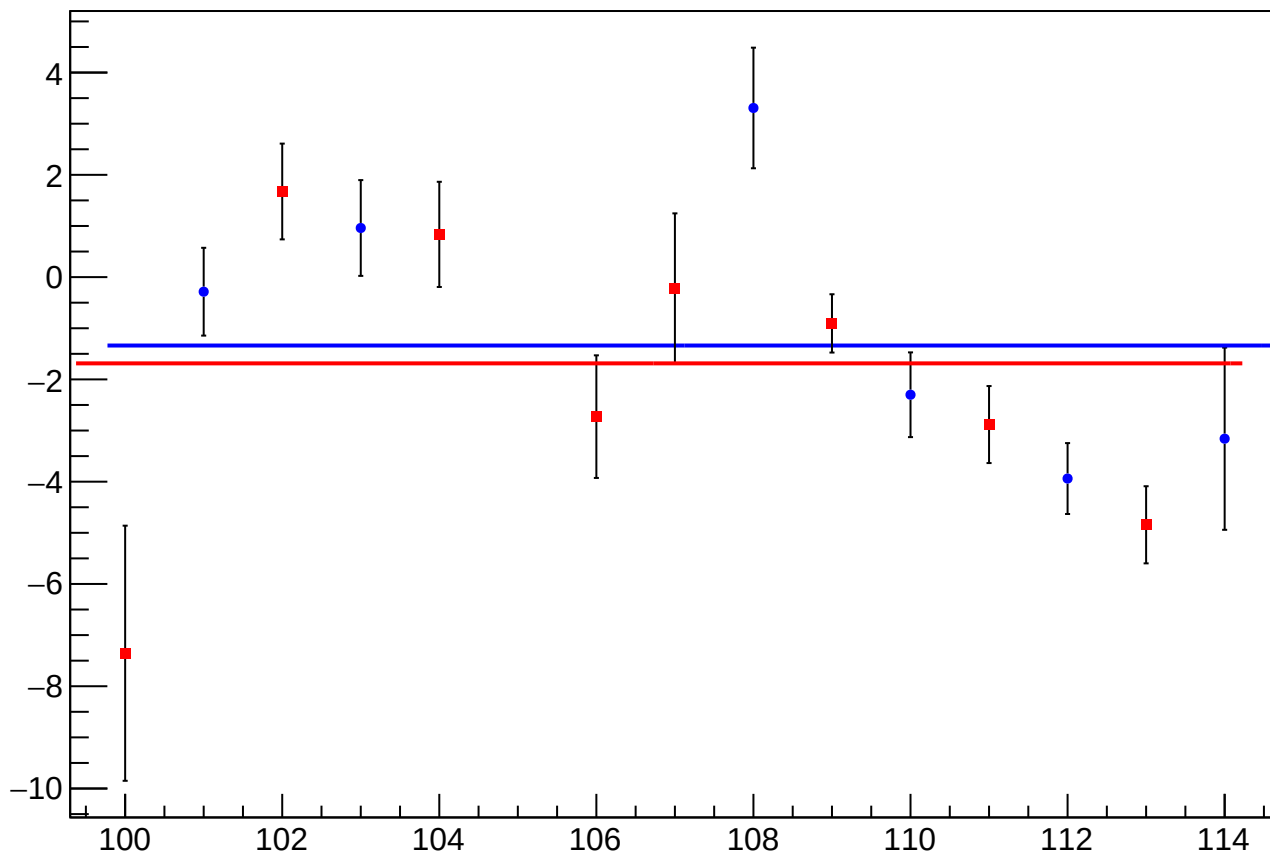
Right: 0.262+/-0.002 χ^2/NDF : 5152.1/13

In: 0.278+/-0.003 χ^2/NDF : 3246.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.262+/-0.002 χ^2/NDF : 5152.1/13

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

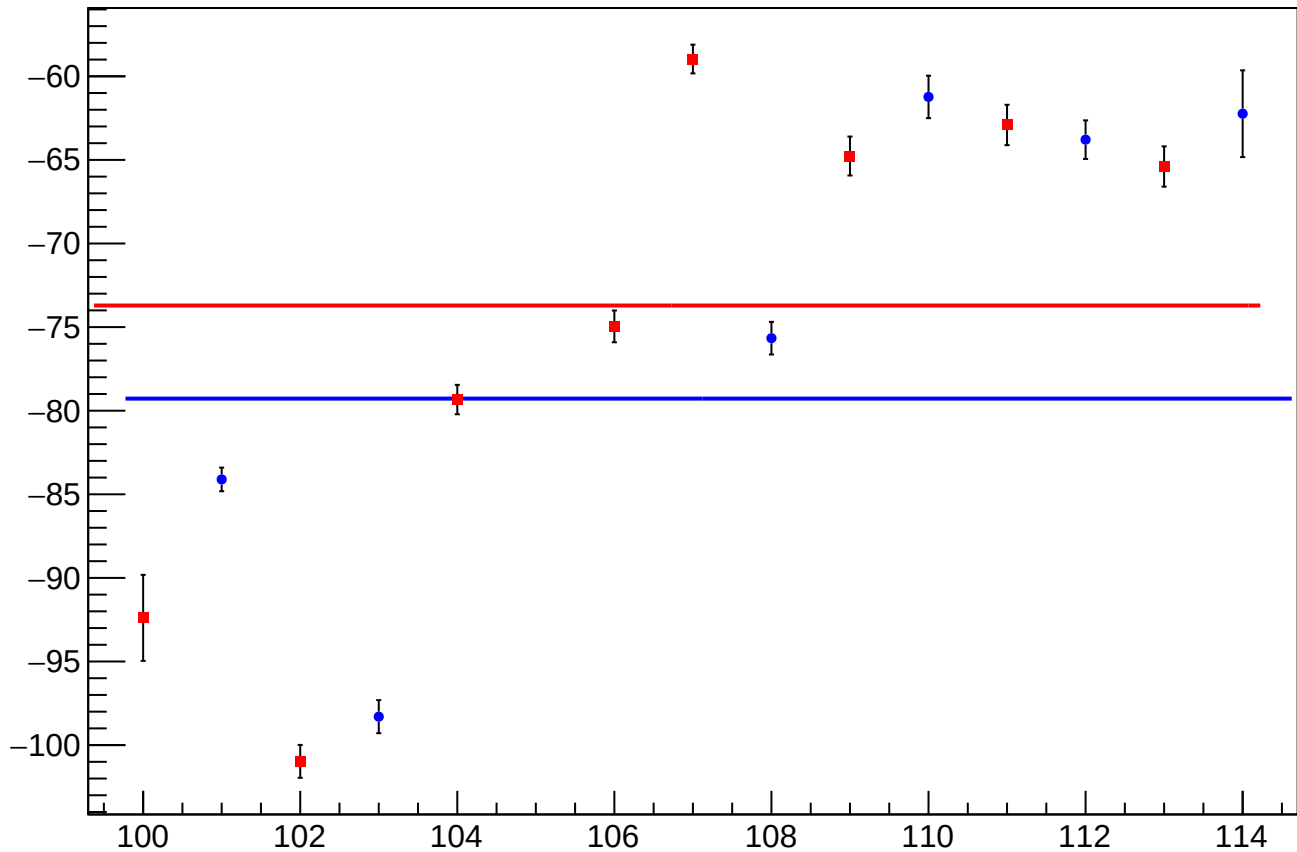
Right: -1.542+/-0.242 χ^2/NDF : 87.8/13

In: -1.338+/-0.376 χ^2/NDF : 39.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.542+/-0.242 χ^2/NDF : 87.8/13

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

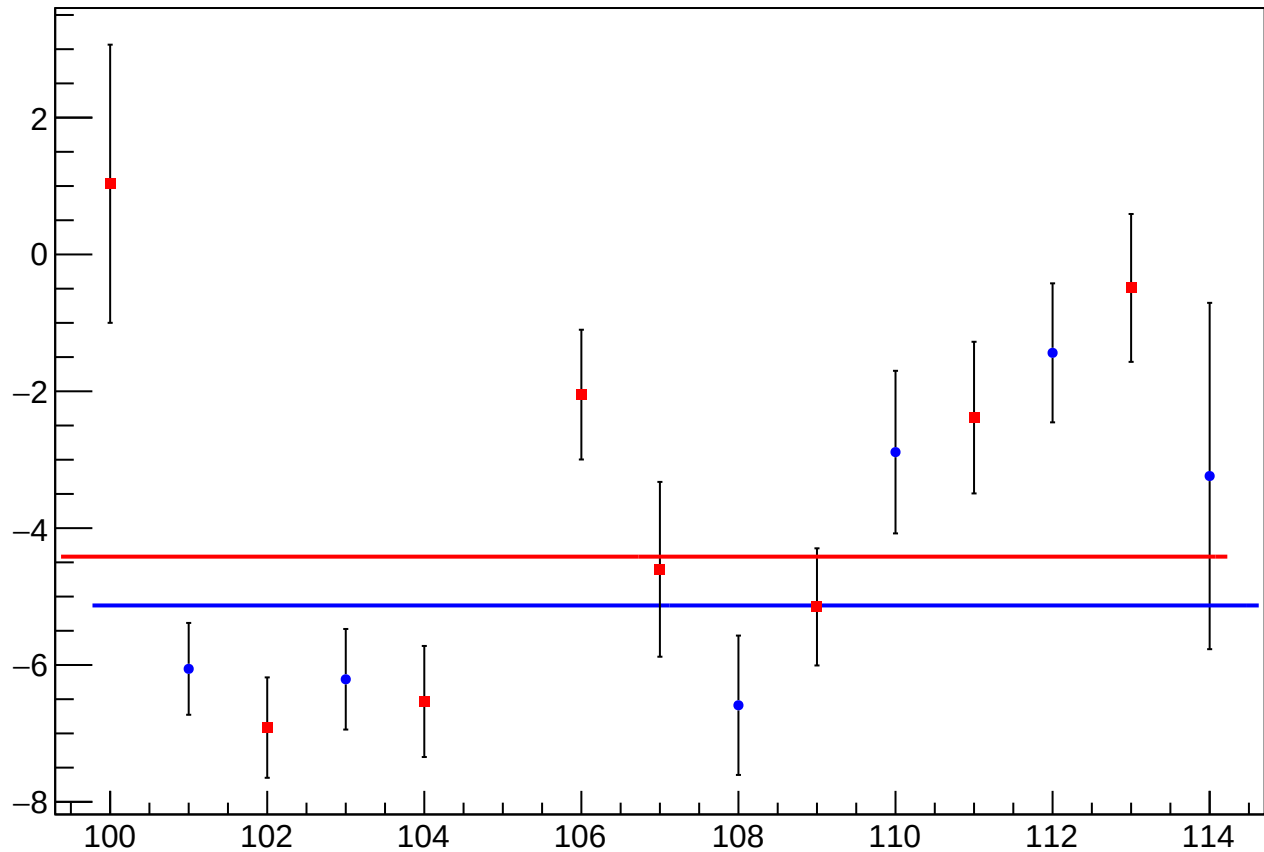
Right: -76.173 ± 0.281 χ^2/NDF : 2298.0/13

In: -79.277 ± 0.423 χ^2/NDF : 856.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.173 ± 0.281 χ^2/NDF : 2298.0/13

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.130 ± 0.382 $\chi^2/\text{NDF}: 23.4/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.416 ± 0.345 $\chi^2/\text{NDF}: 49.2/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

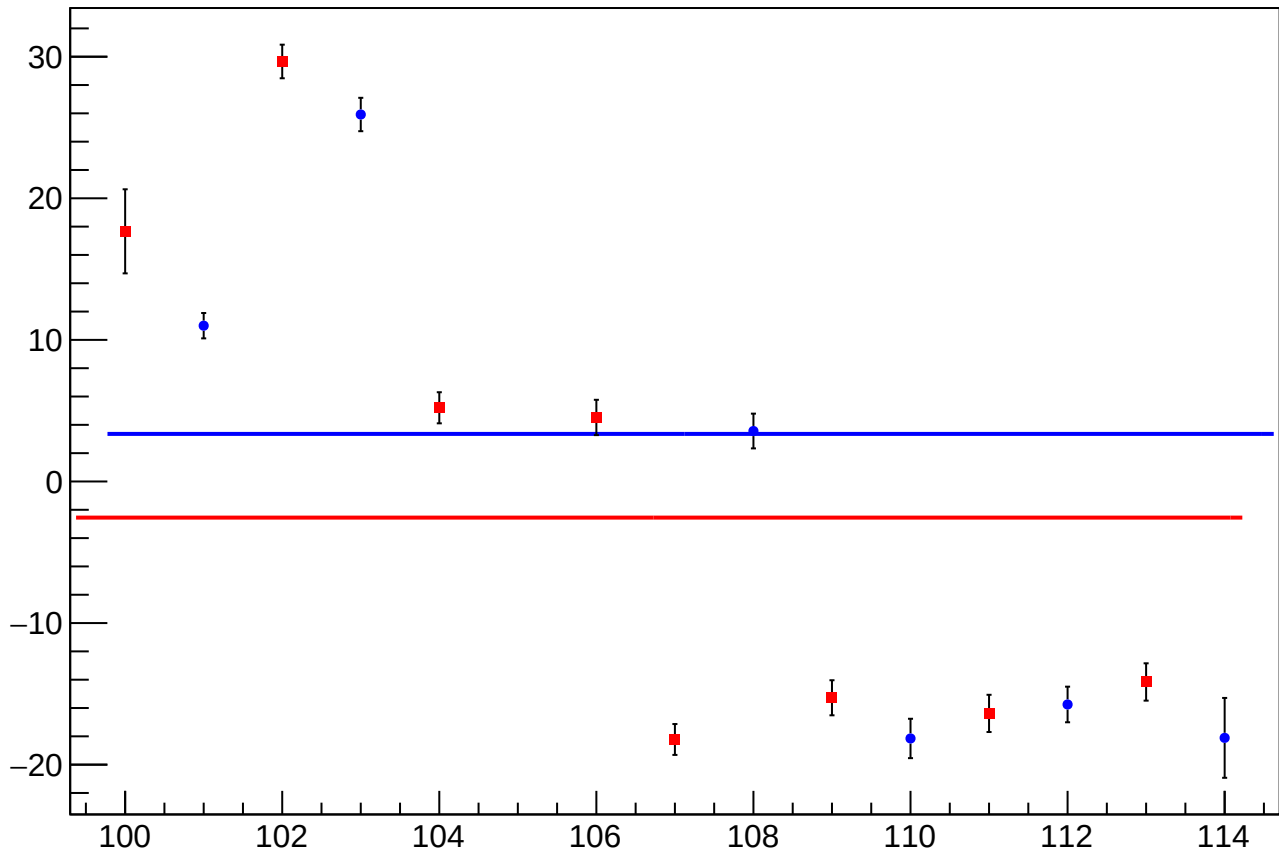
Right: -4.738 ± 0.256 $\chi^2/\text{NDF}: 74.5/13$

In: -5.130 ± 0.382 $\chi^2/\text{NDF}: 23.4/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.738 ± 0.256 $\chi^2/\text{NDF}: 74.5/13$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.359+/-0.506 χ^2/NDF : 967.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.551+/-0.450 χ^2/NDF : 1366.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

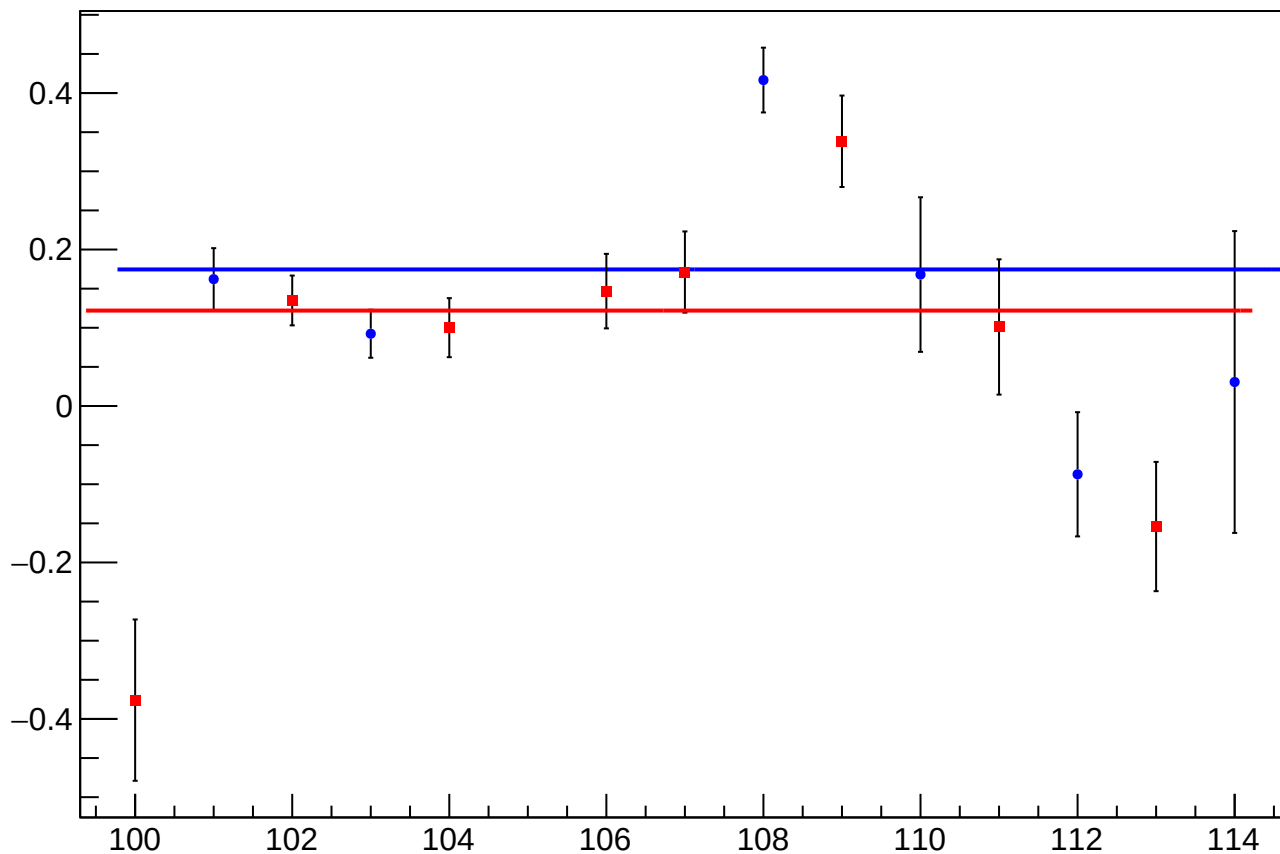
Right: 0.057+/-0.336 χ^2/NDF : 2409.6/13

In: 3.359+/-0.506 χ^2/NDF : 967.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.336 χ^2/NDF : 2409.6/13

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.175+/-0.020 χ^2/NDF : 52.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.122+/-0.018 χ^2/NDF : 49.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

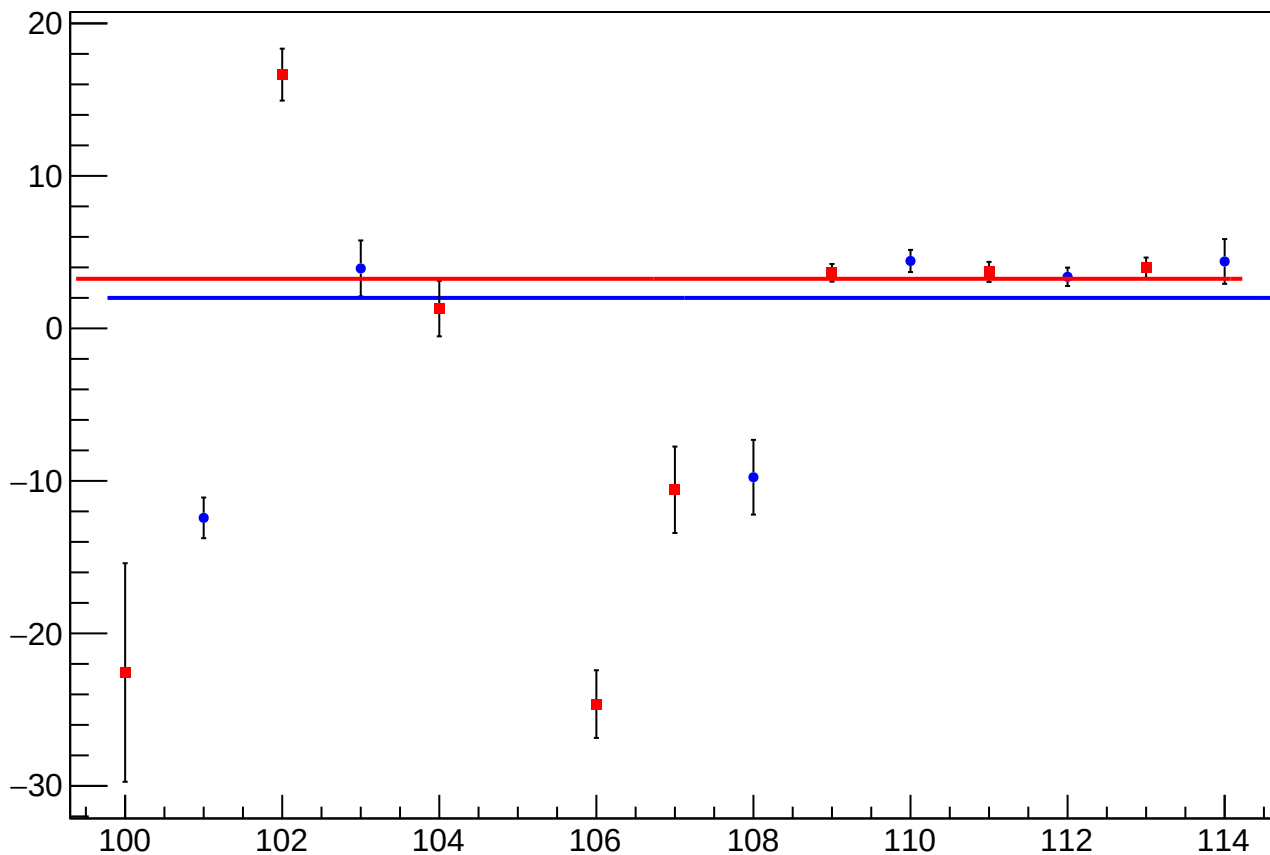
Right: 0.146+/-0.013 χ^2/NDF : 106.7/13

In: 0.175+/-0.020 χ^2/NDF : 52.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.146+/-0.013 χ^2/NDF : 106.7/13

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

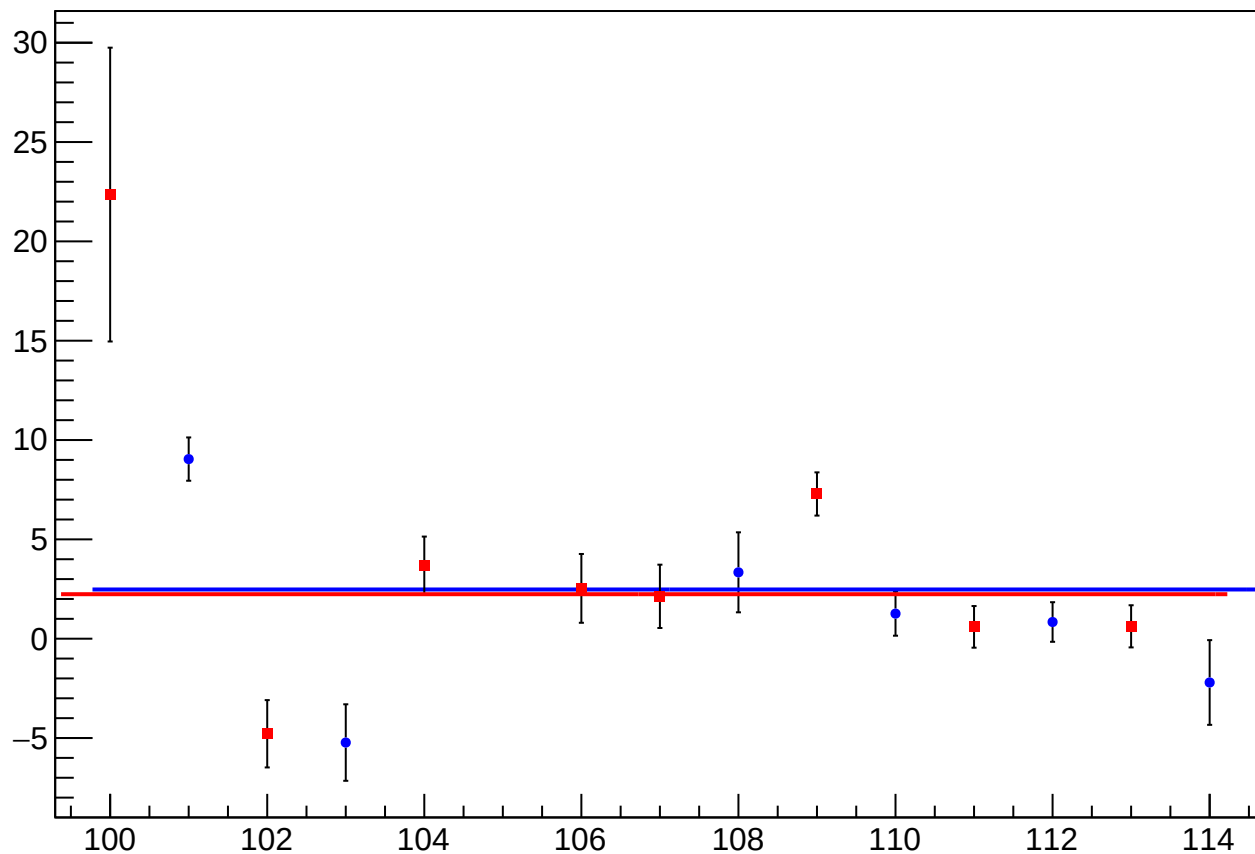
Right: 2.729 $\pm$ 0.261 χ^2 /NDF: 425.6/13

In: 1.999 $\pm$ 0.404 χ^2 /NDF:160.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.729 $\pm$ 0.261 χ^2 /NDF: 425.6/13

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.477+/-0.543 χ^2/NDF : 61.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.240+/-0.487 χ^2/NDF : 51.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

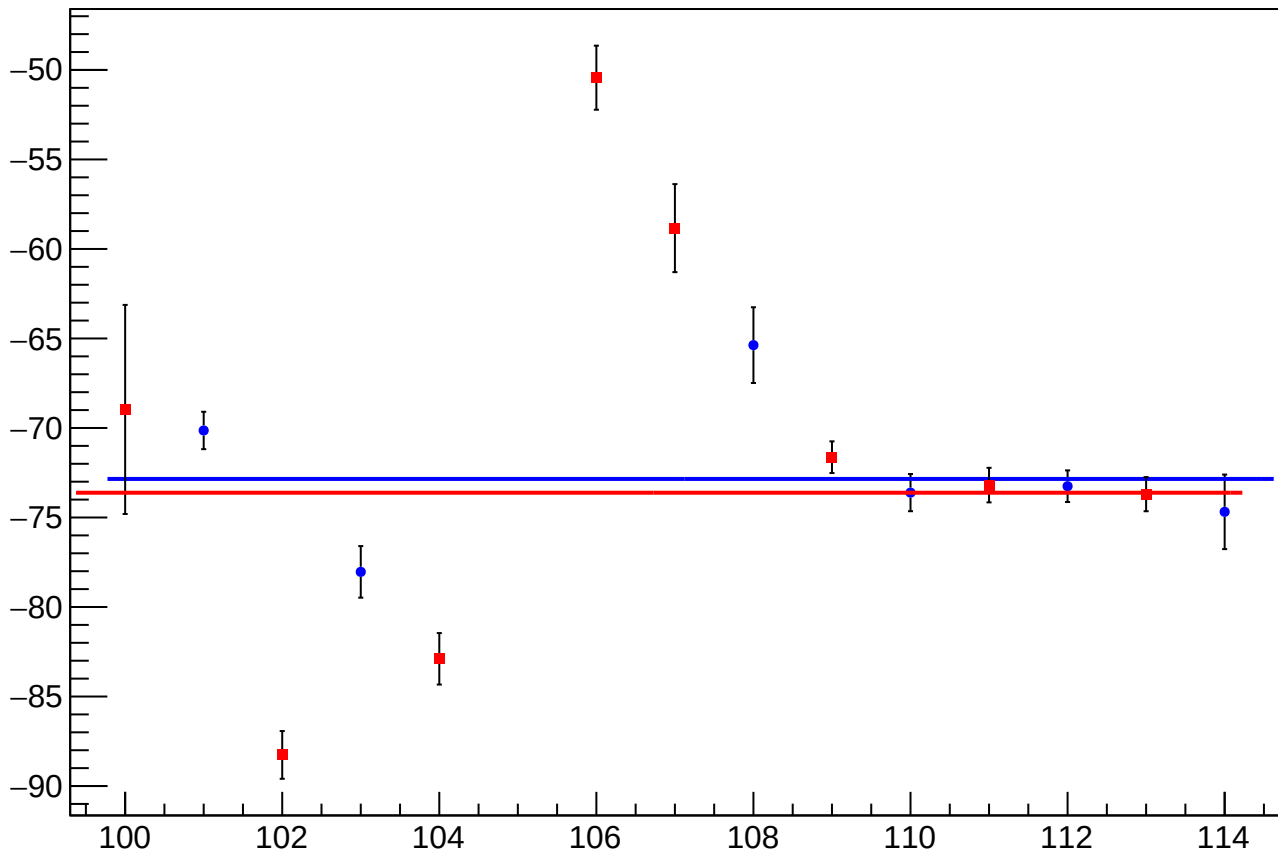
Right: 2.346+/-0.363 χ^2/NDF : 113.2/13

In: 2.477+/-0.543 χ^2/NDF : 61.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.346+/-0.363 χ^2/NDF : 113.2/13

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.846 $\pm$ 0.496 χ^2 /NDF: 33.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.616 $\pm$ 0.447 χ^2 /NDF: 372.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

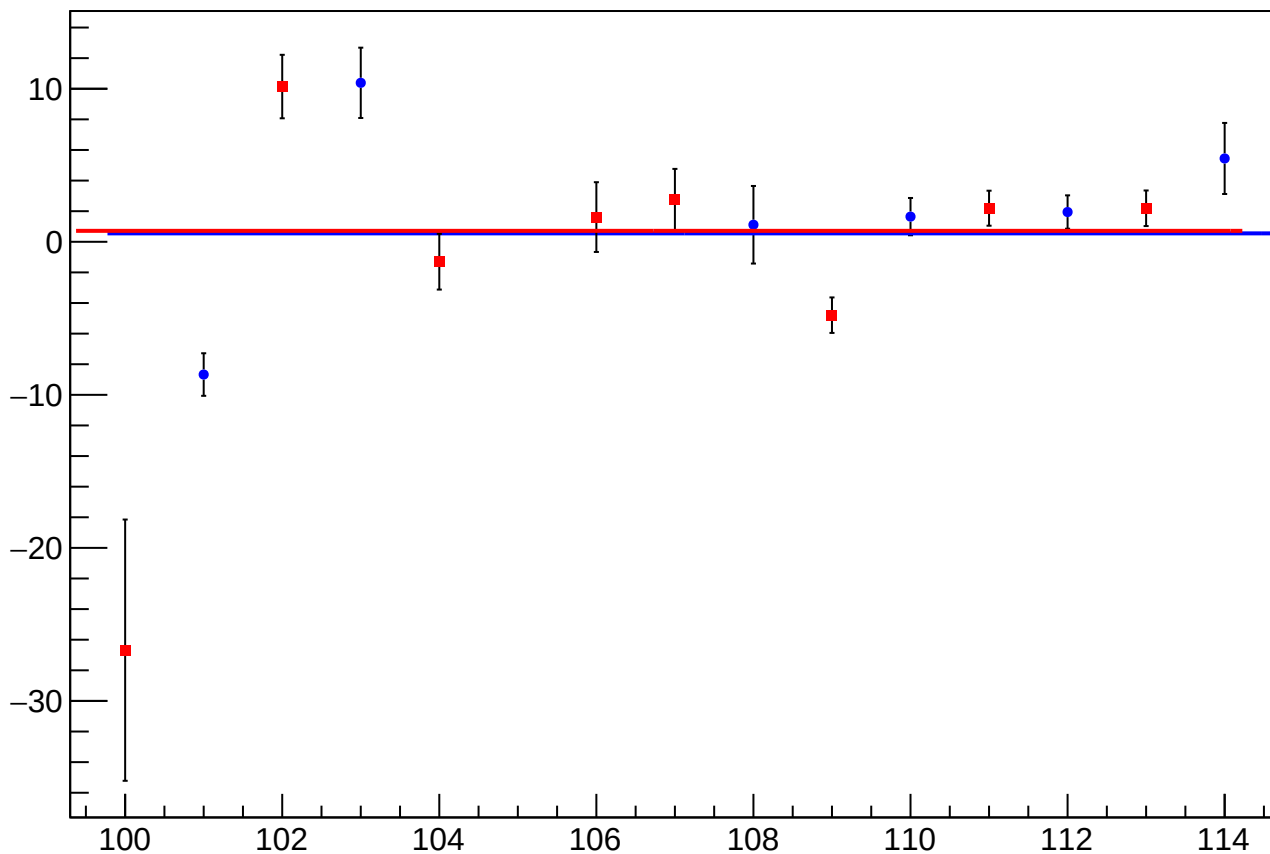
Right: -73.271 $\pm$ 0.332 χ^2 /NDF: 407.2/13

In: -72.846 $\pm$ 0.496 χ^2 /NDF:33.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.271 $\pm$ 0.332 χ^2 /NDF: 407.2/13

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

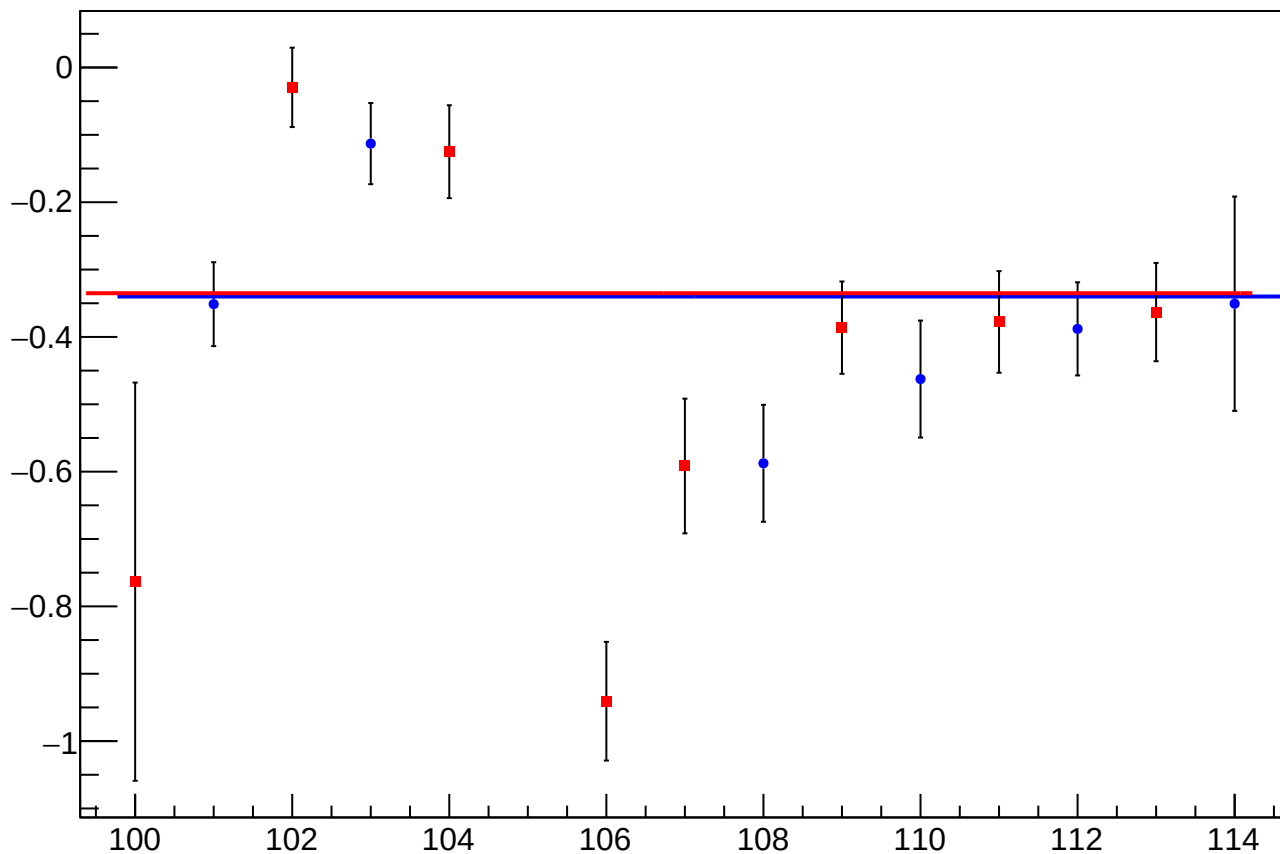
Right: 0.643+/-0.415 χ^2/NDF : 128.5/13

In: 0.551+/-0.625 χ^2/NDF : 69.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.643+/-0.415 χ^2/NDF : 128.5/13

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

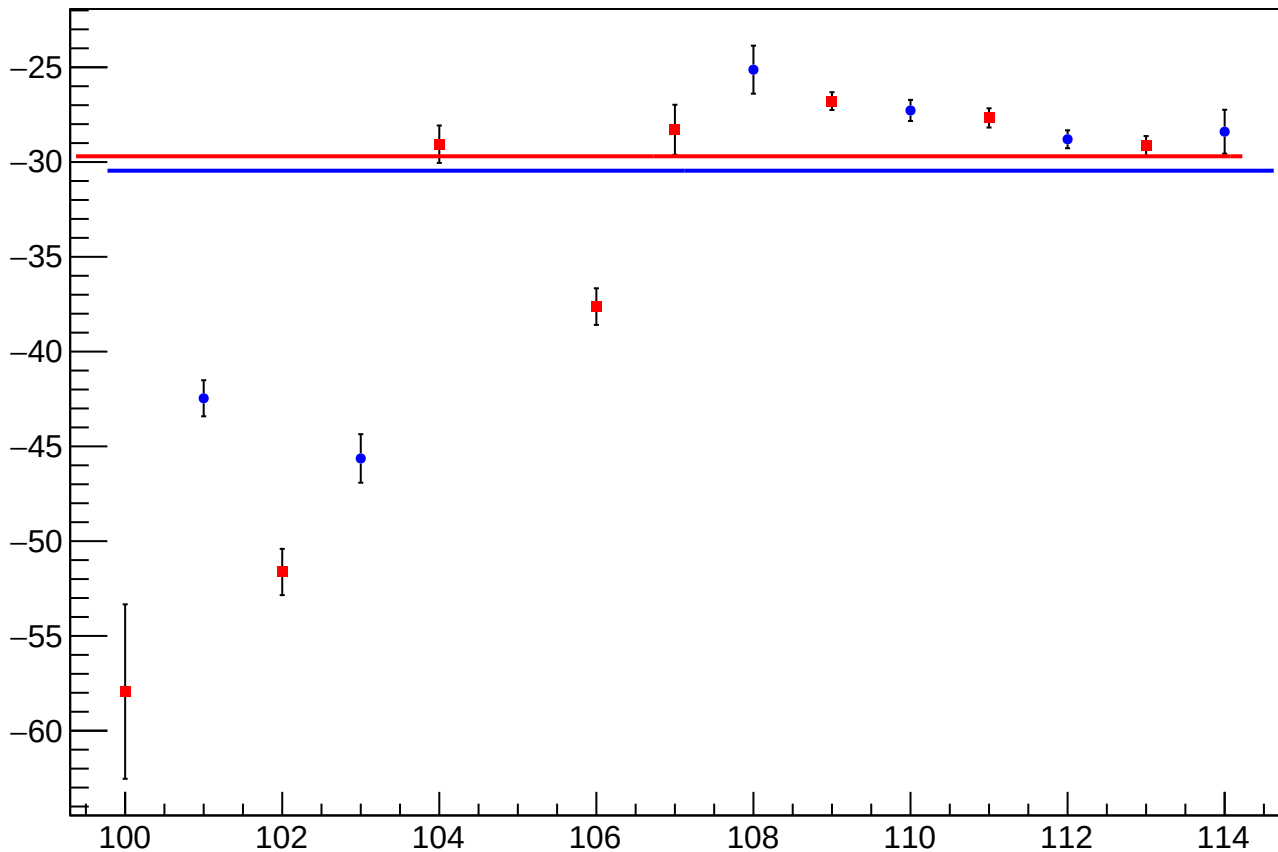
Right: -0.337+/-0.021 χ^2/NDF : 118.0/13

In: -0.340+/-0.031 χ^2/NDF : 24.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.337+/-0.021 χ^2/NDF : 118.0/13

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

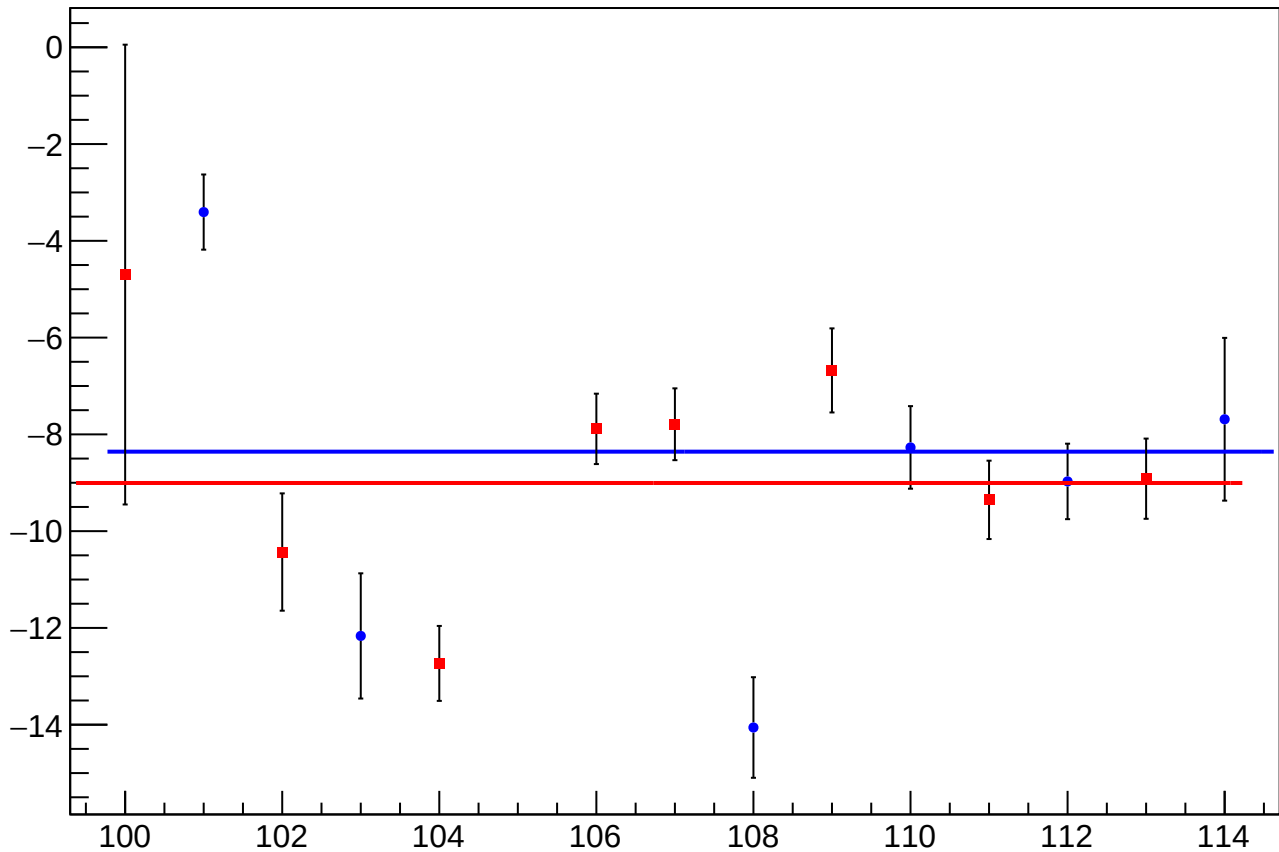
Right: -30.008+/-0.195 χ^2/NDF : 853.9/13

In: -30.456+/-0.305 χ^2/NDF : 365.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.008+/-0.195 χ^2/NDF : 853.9/13

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.357+/-0.391 χ^2/NDF : 80.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.005+/-0.310 χ^2/NDF : 37.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

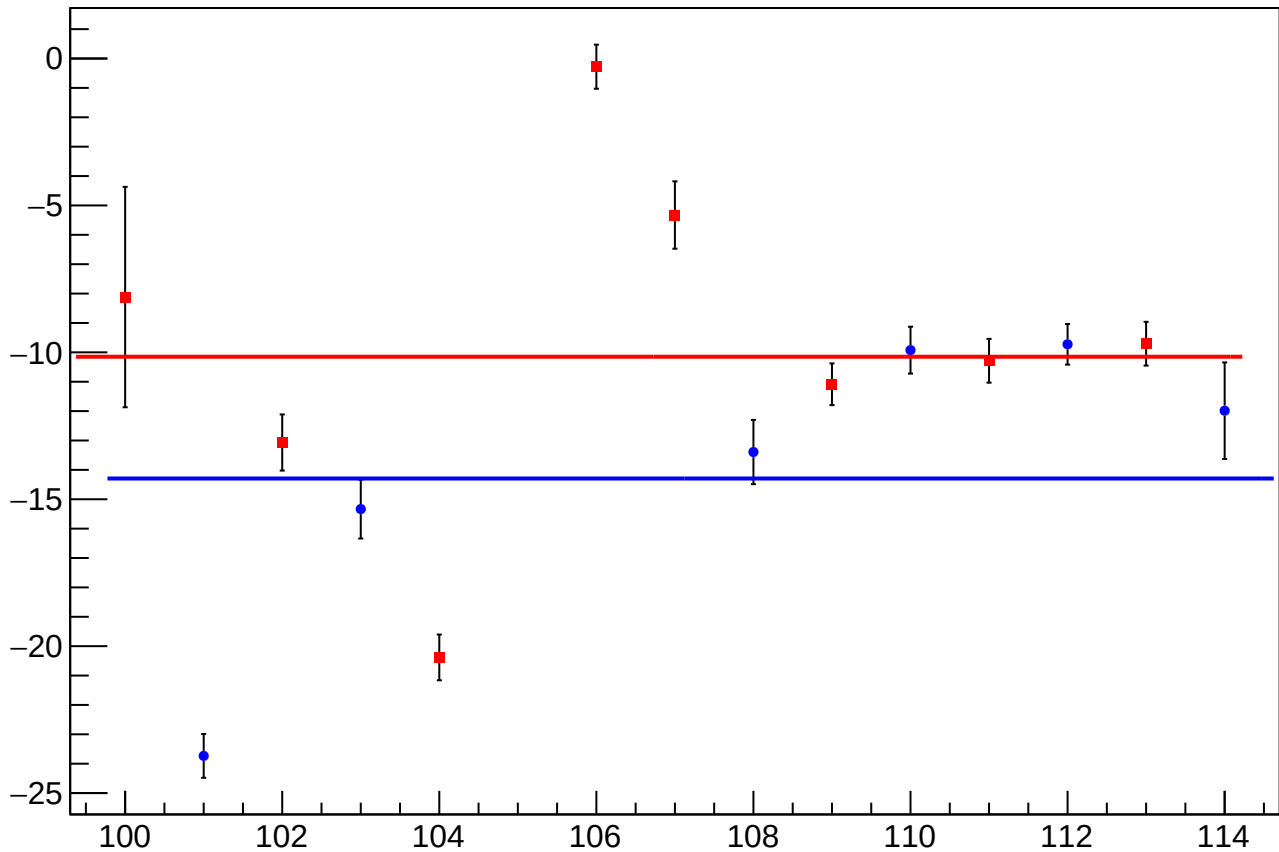
Right: -8.754+/-0.243 χ^2/NDF : 119.6/13

In: -8.357+/-0.391 χ^2/NDF :80.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.754+/-0.243 χ^2/NDF : 119.6/13

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

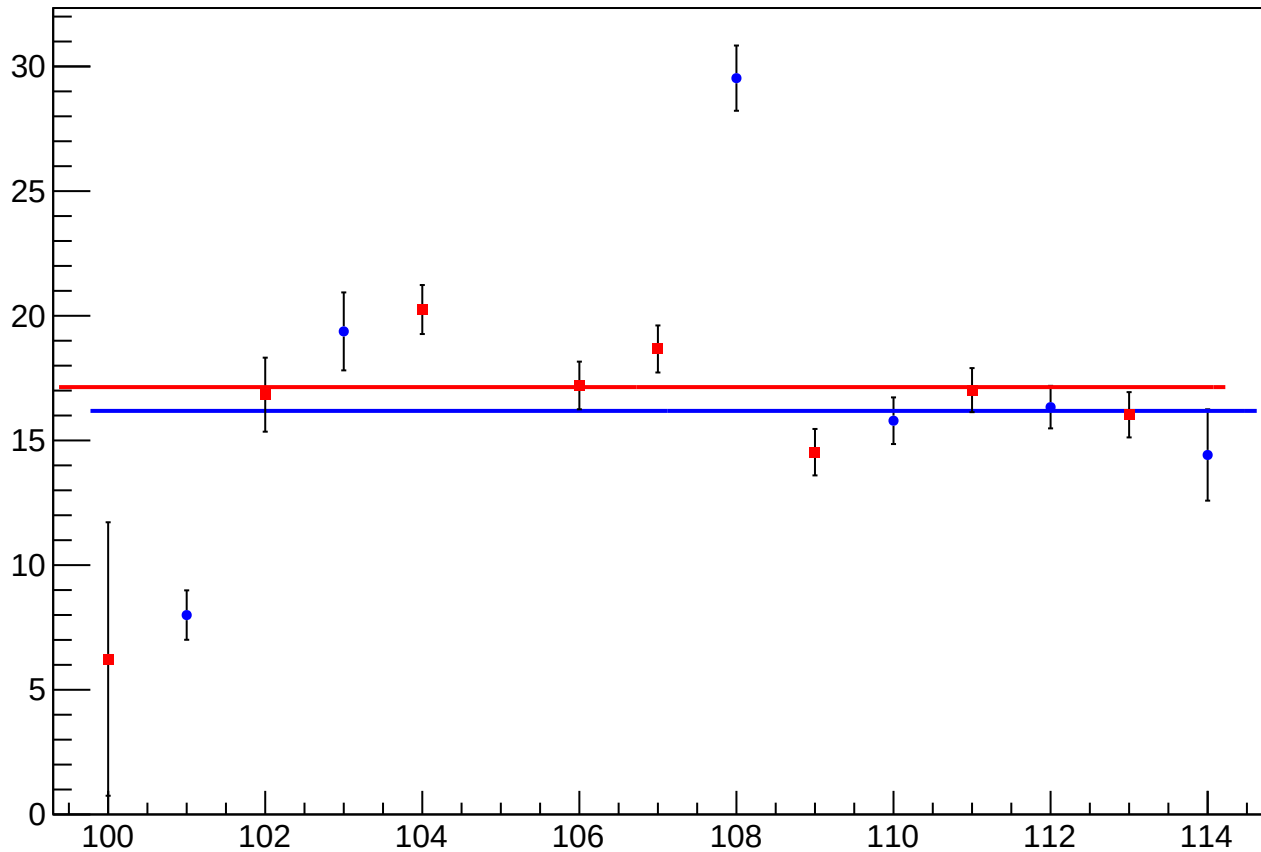
Right: -11.857 ± 0.232 χ^2/NDF : 690.8/13

In: -14.294 ± 0.361 χ^2/NDF : 237.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.857 ± 0.232 χ^2/NDF : 690.8/13

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

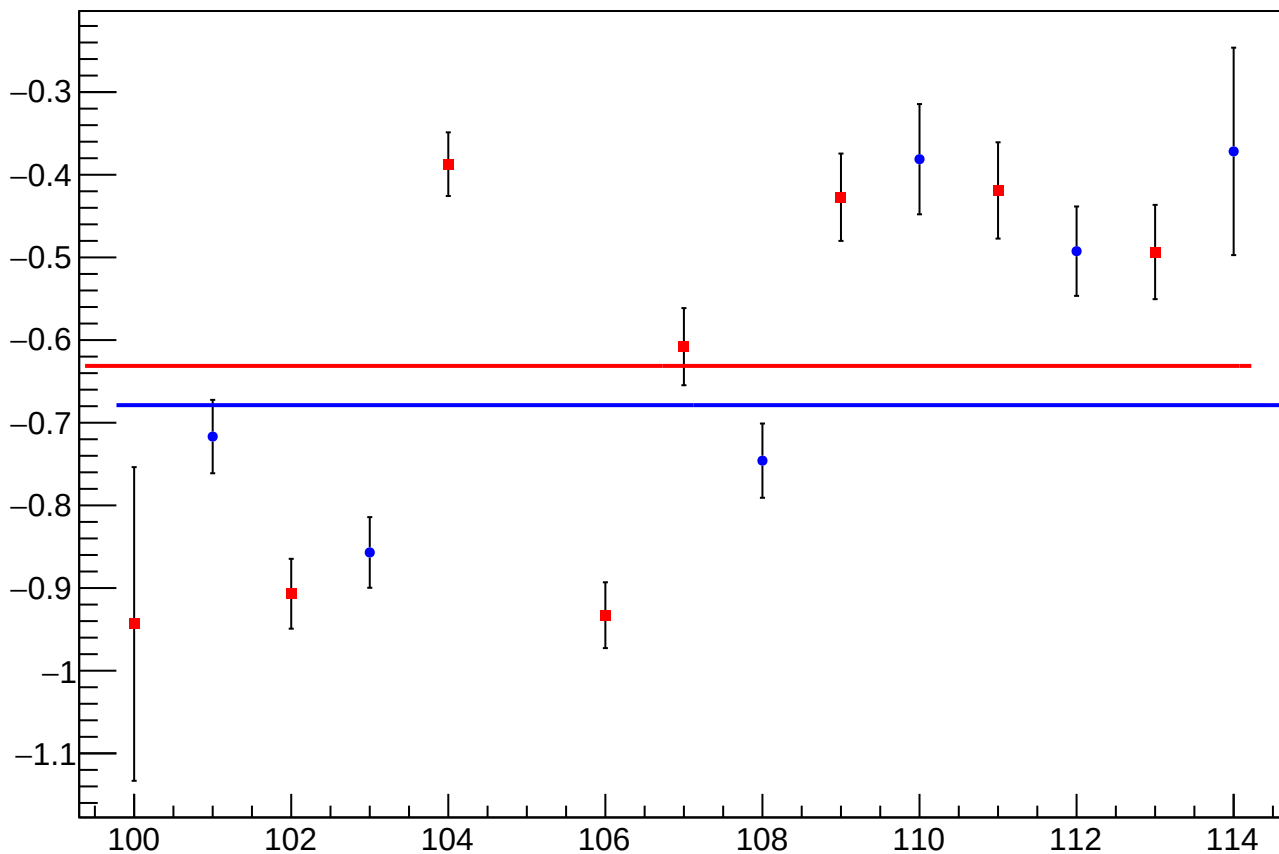
Right: 16.763 $\pm$ 0.286 χ^2 /NDF: 206.3/13

In: 16.186 $\pm$ 0.455 χ^2 /NDF: 177.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.763 $\pm$ 0.286 χ^2 /NDF: 206.3/13

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

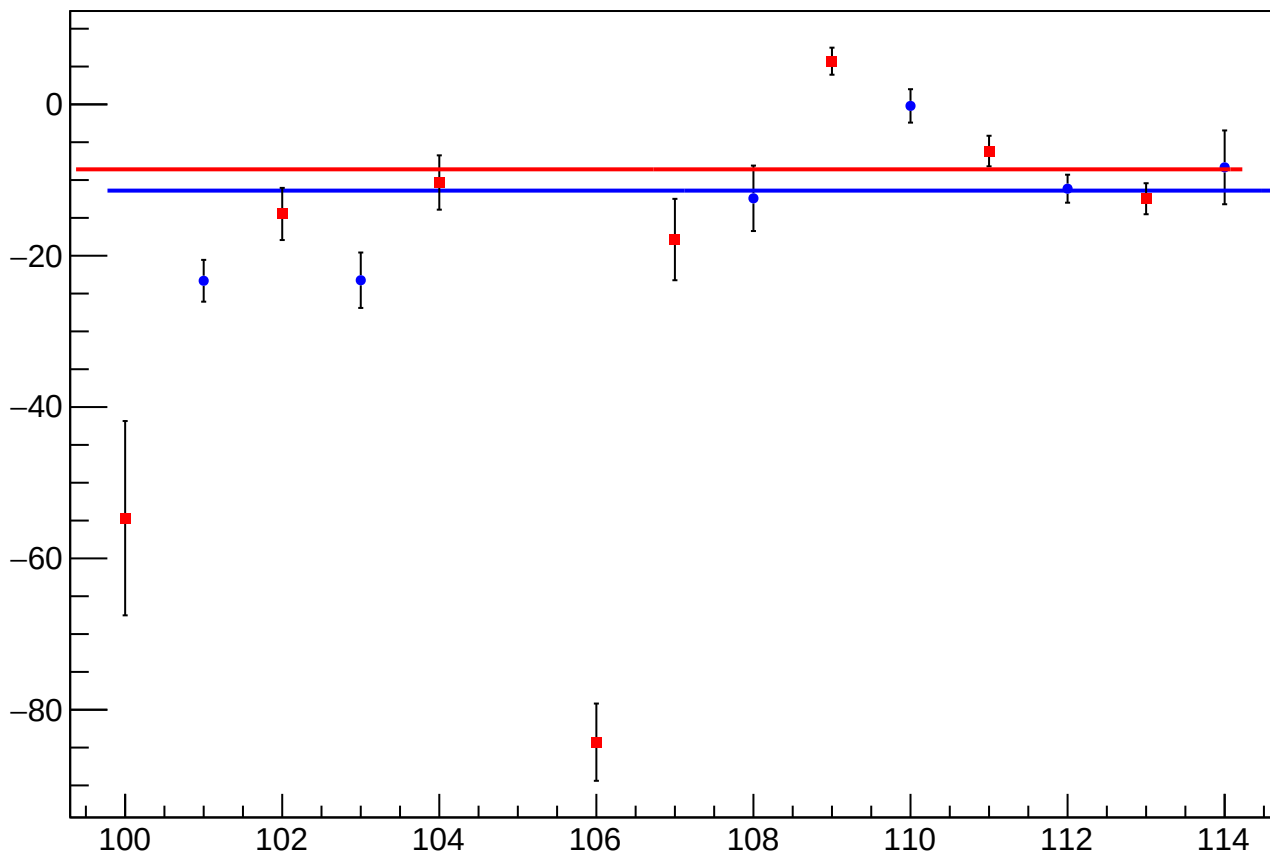
Right: -0.650+/-0.013 χ^2/NDF : 238.2/13

In: -0.679+/-0.021 χ^2/NDF : 58.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.650+/-0.013 χ^2/NDF : 238.2/13

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

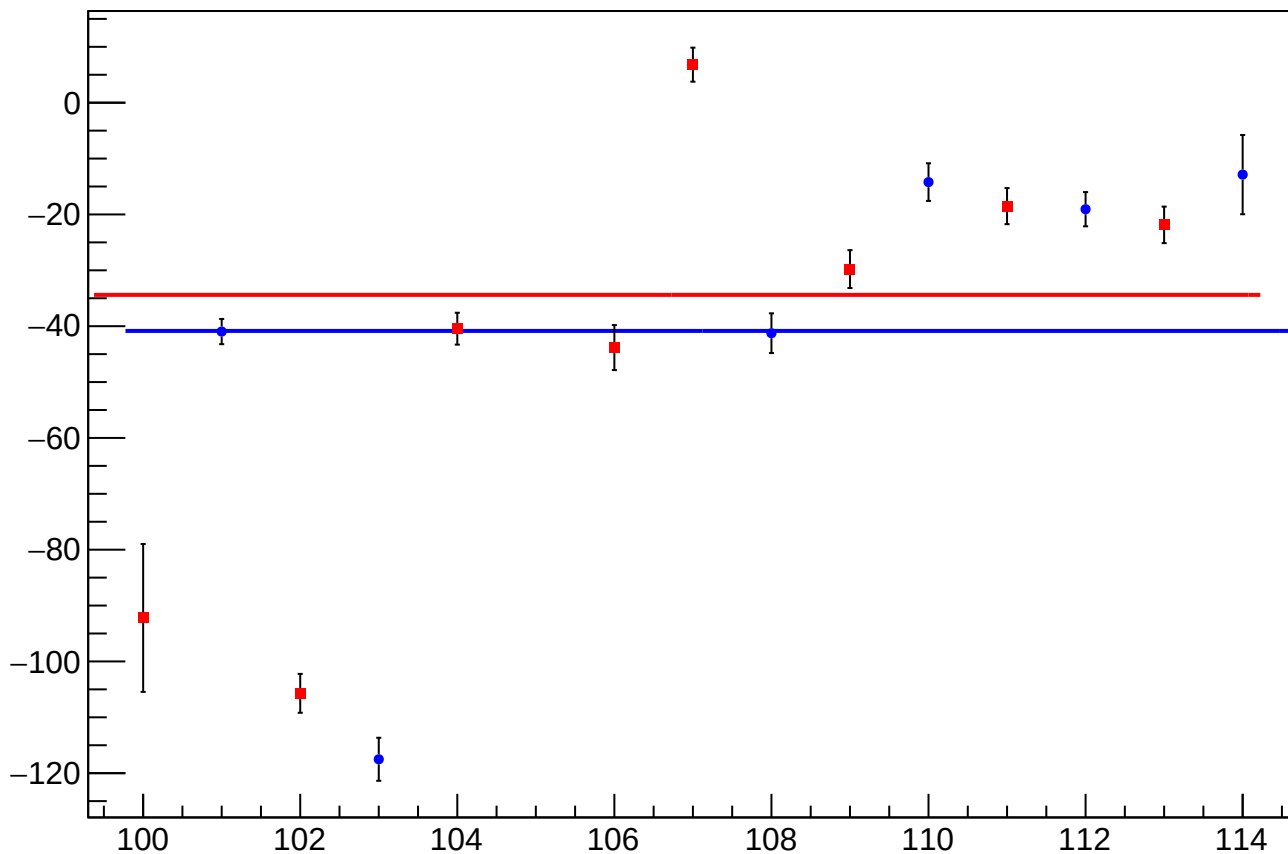
Right: -9.807 ± 0.738 $\chi^2/\text{NDF}: 366.7/13$

In: -11.396 ± 1.119 $\chi^2/\text{NDF}: 55.3/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.807 ± 0.738 $\chi^2/\text{NDF}: 366.7/13$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

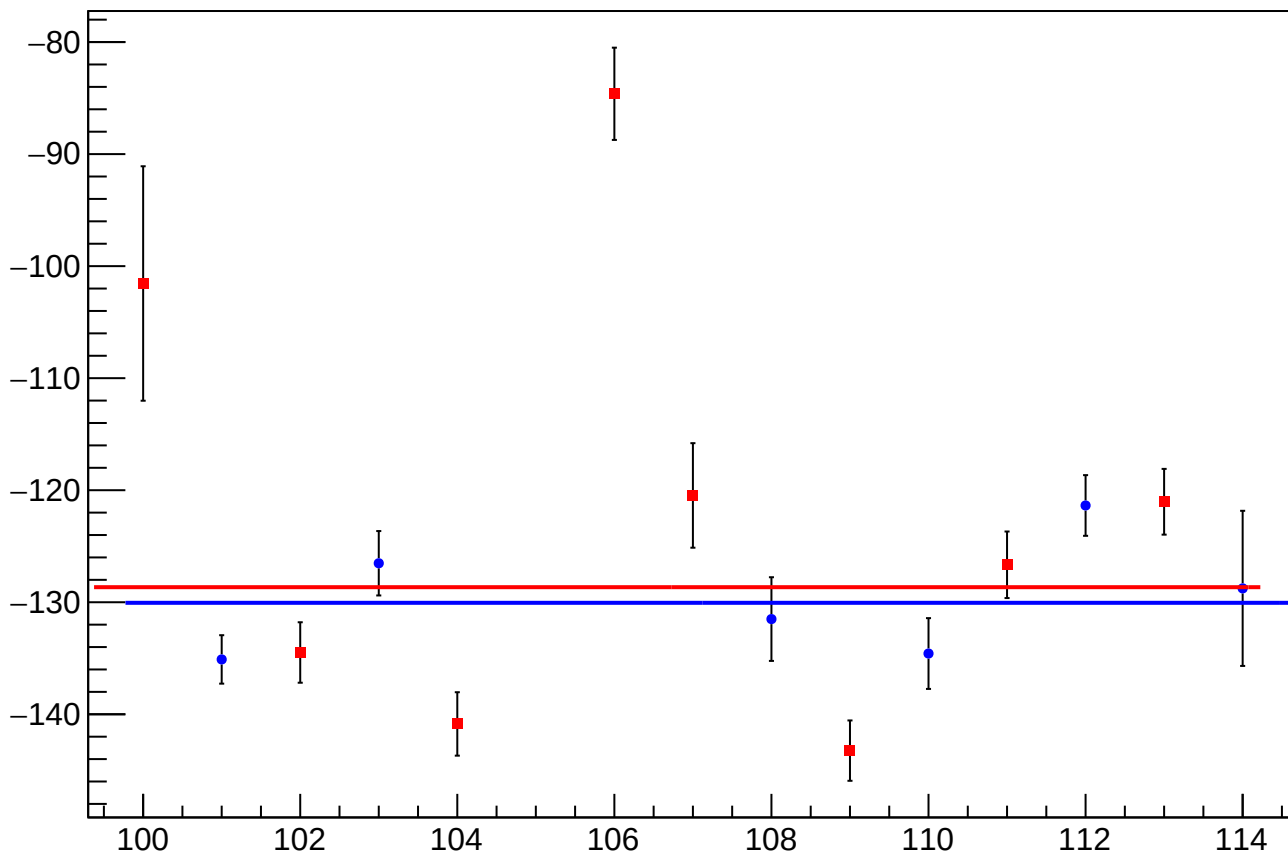
Right: -37.356+/-0.907 χ^2/NDF : 1210.0/13

In: -40.846+/-1.339 χ^2/NDF : 524.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.356+/-0.907 χ^2/NDF : 1210.0/13

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

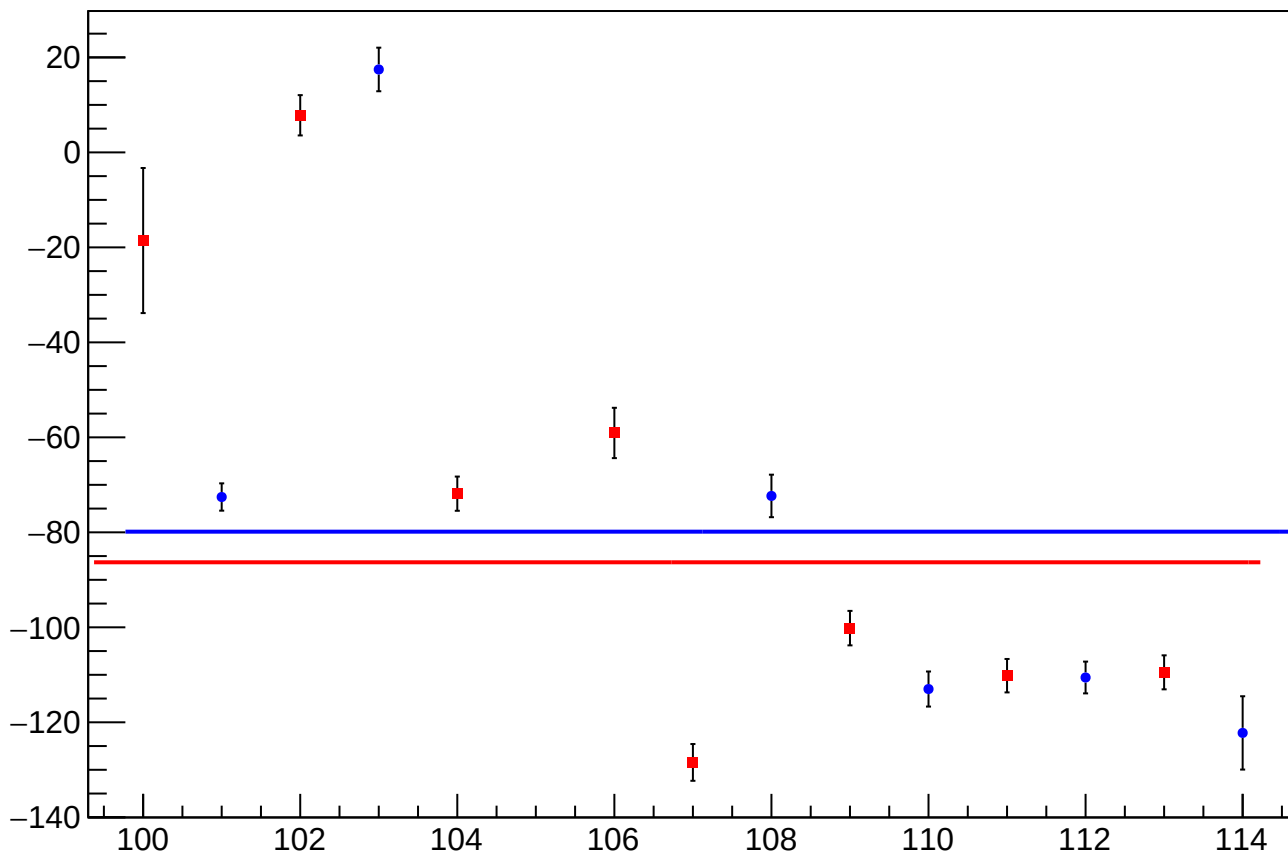
Right: -129.314+/-0.843 χ^2/NDF : 204.2/13

In: -130.050+/-1.227 χ^2/NDF : 19.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.314+/-0.843 χ^2/NDF : 204.2/13

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

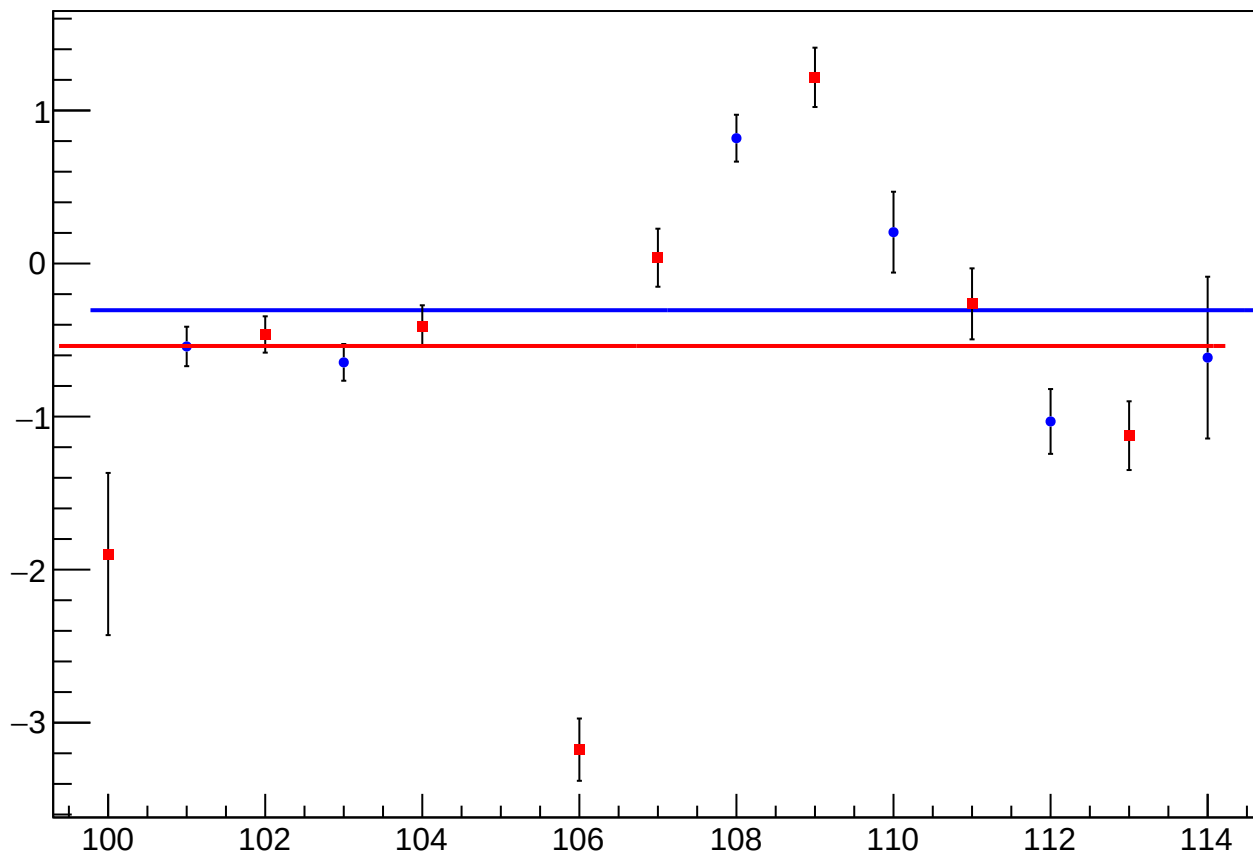
Right: -83.367 $\pm$ 1.071 χ^2 /NDF: 1438.0/13

In: -79.861 $\pm$ 1.586 χ^2 /NDF:654.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.367 $\pm$ 1.071 χ^2 /NDF: 1438.0/13

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

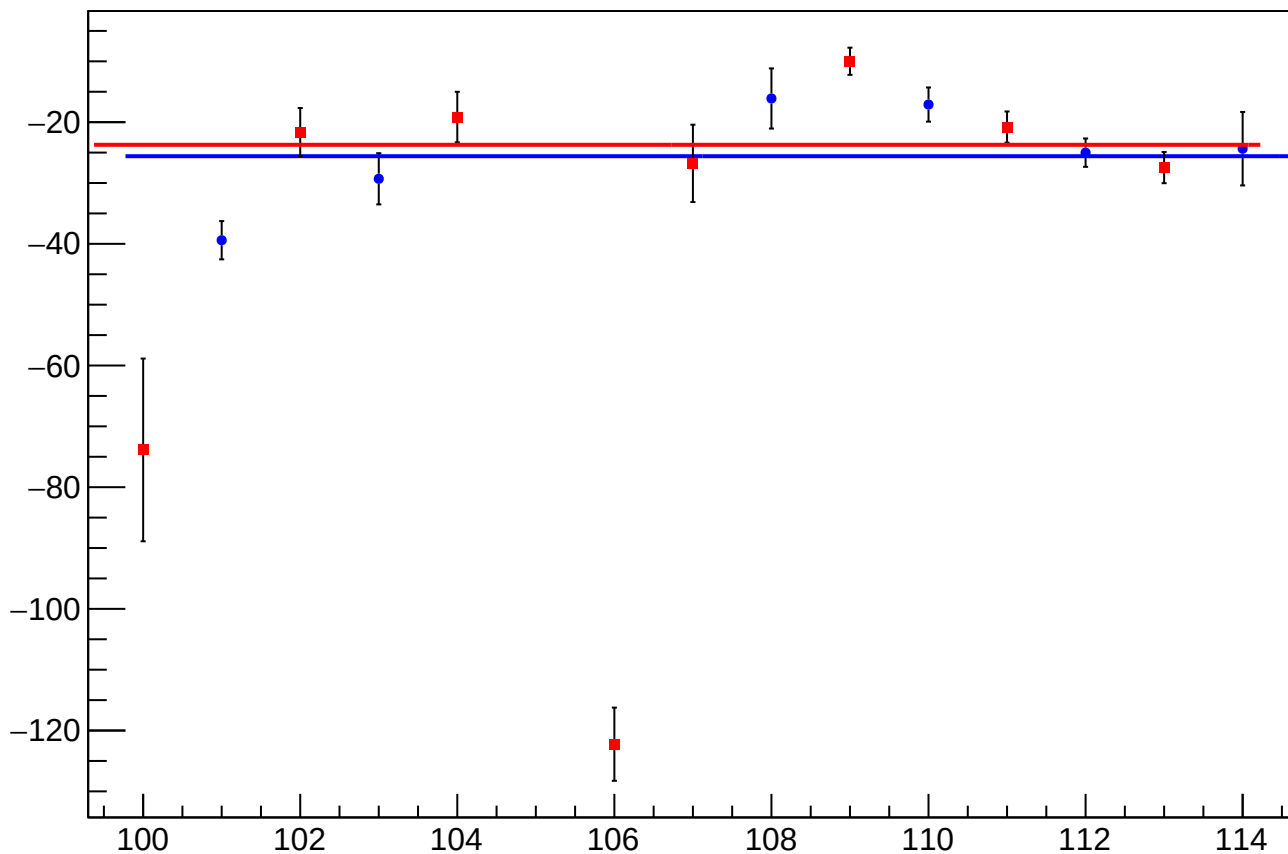
Right: -0.430+/-0.047 χ^2/NDF : 362.8/13

In: -0.305+/-0.069 χ^2/NDF : 81.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.430+/-0.047 χ^2/NDF : 362.8/13

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

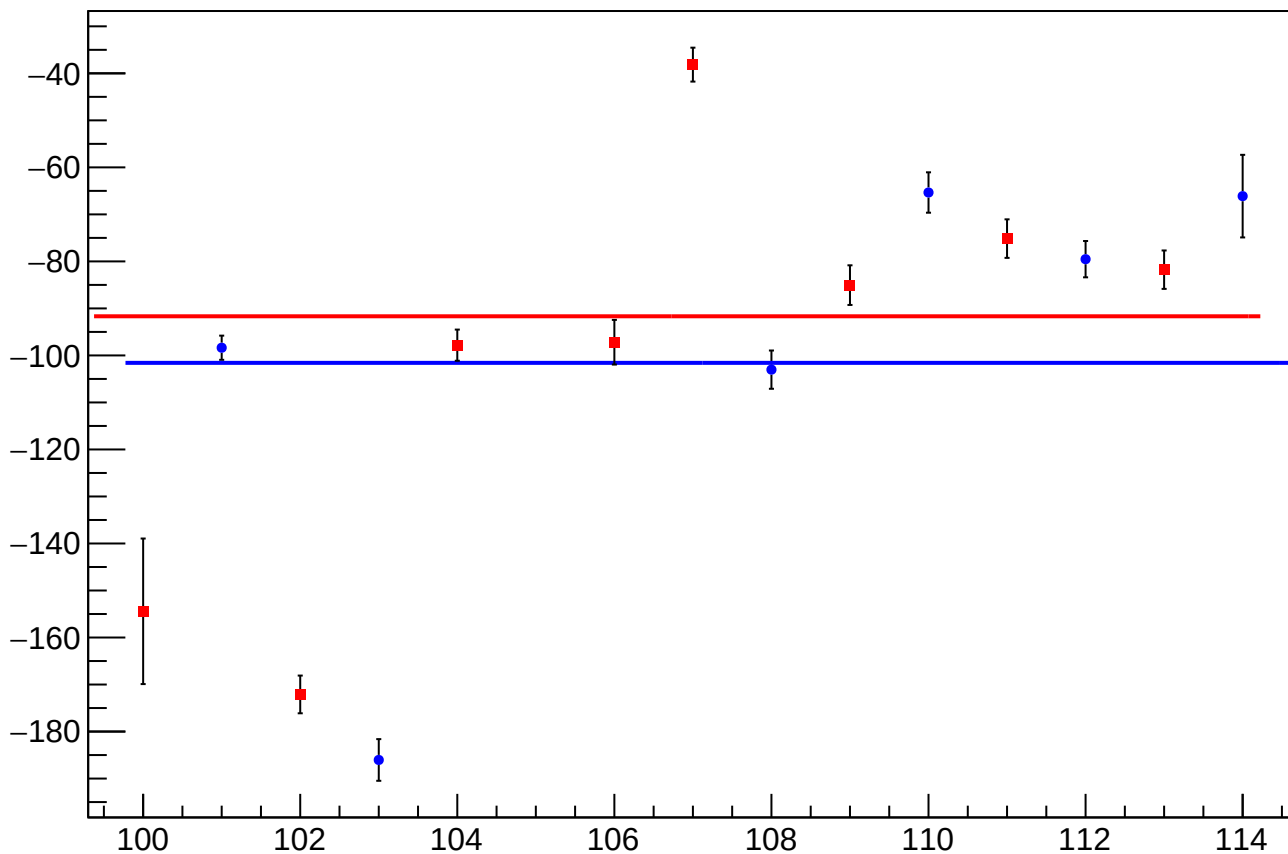
Right: -24.543+/-0.905 χ^2/NDF : 356.5/13

In: -25.593+/-1.365 χ^2/NDF : 33.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.543+/-0.905 χ^2/NDF : 356.5/13

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

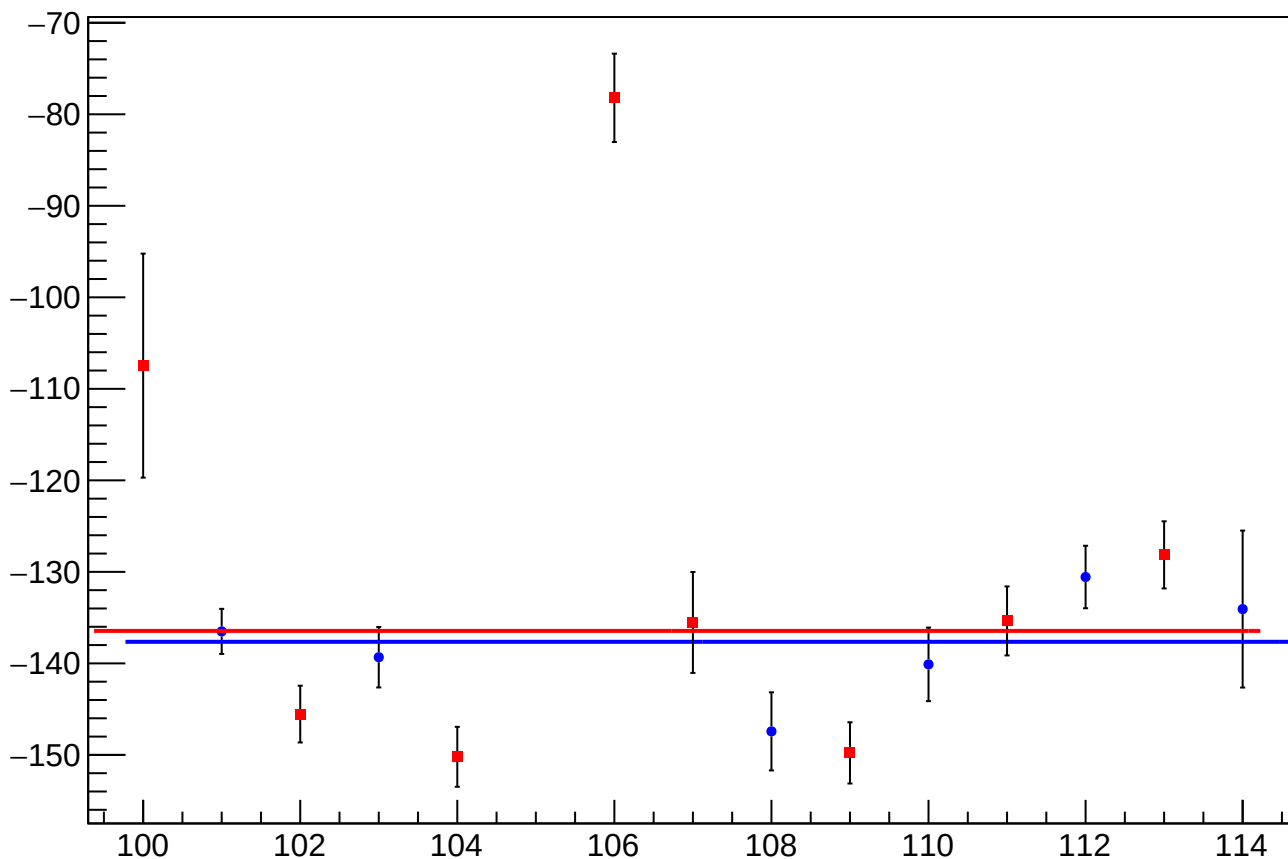
Right: -96.290+/-1.084 χ^2/NDF : 1173.5/13

In: -101.579+/-1.588 χ^2/NDF : 484.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.290+/-1.084 χ^2/NDF : 1173.5/13

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -137.642 $\pm$ 1.454 χ^2 /NDF: 10.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -136.451 $\pm$ 1.395 χ^2 /NDF: 198.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

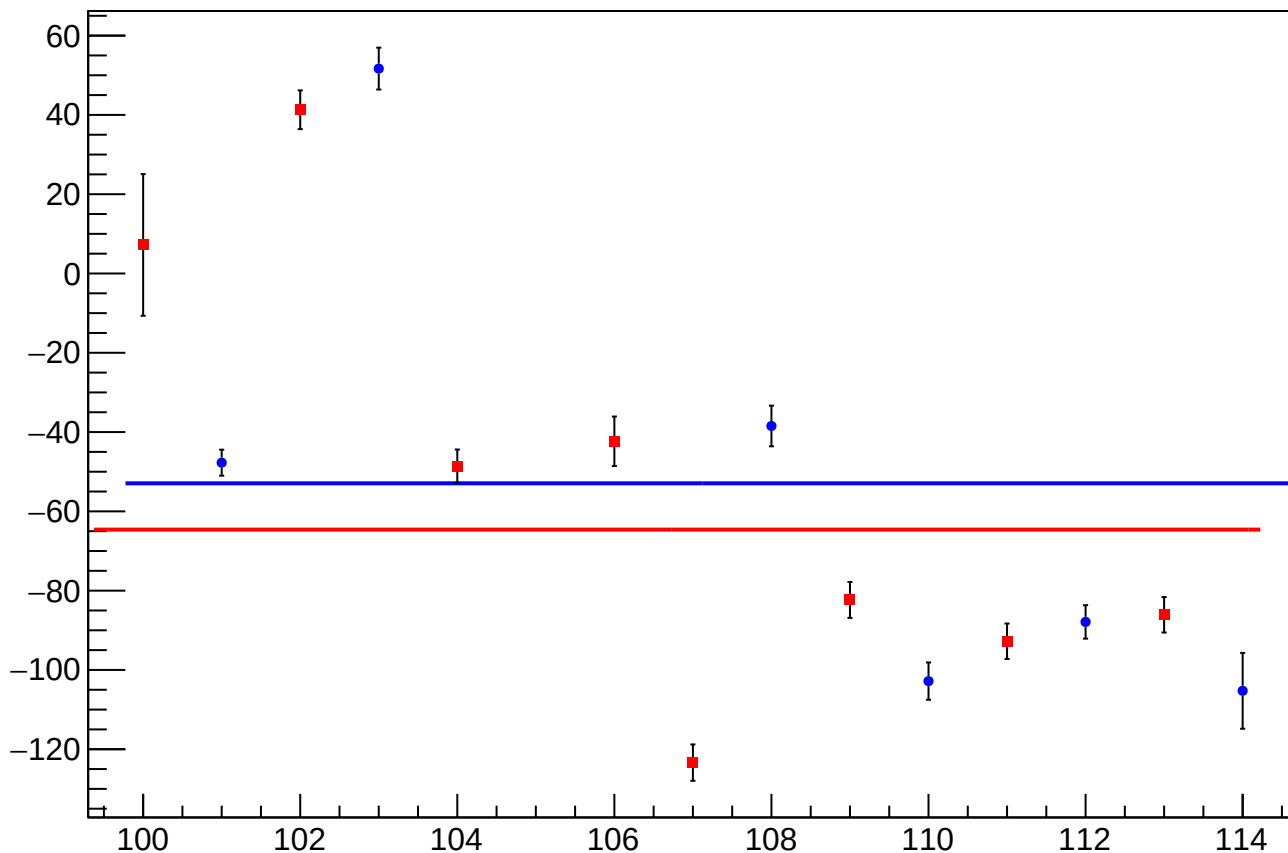
Right: -137.022 $\pm$ 1.007 χ^2 /NDF: 209.4/13

In: -137.642 $\pm$ 1.454 χ^2 /NDF:10.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -137.022 $\pm$ 1.007 χ^2 /NDF: 209.4/13

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -52.925+/-1.892 χ^2/NDF : 614.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.602+/-1.756 χ^2/NDF : 755.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

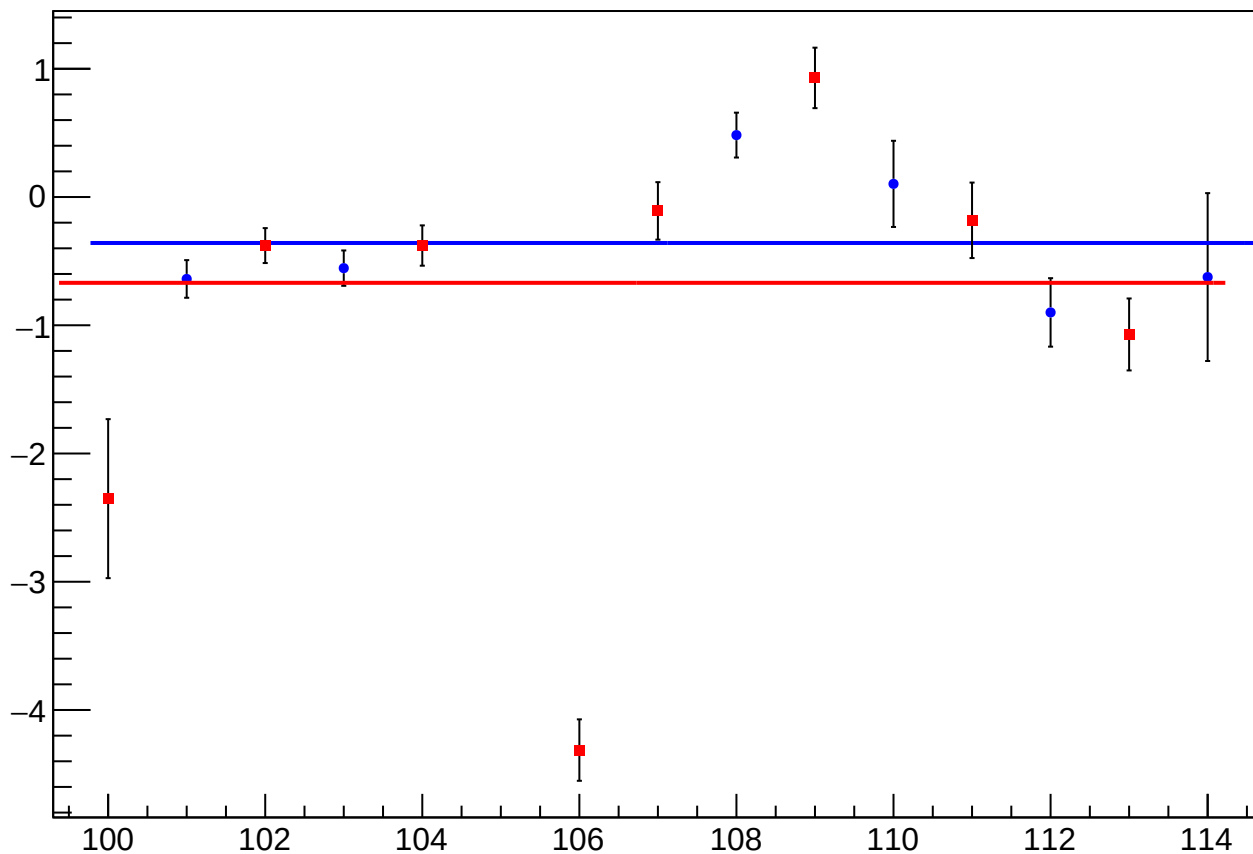
Right: -59.200+/-1.287 χ^2/NDF : 1390.0/13

In: -52.925+/-1.892 χ^2/NDF : 614.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.200+/-1.287 χ^2/NDF : 1390.0/13

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

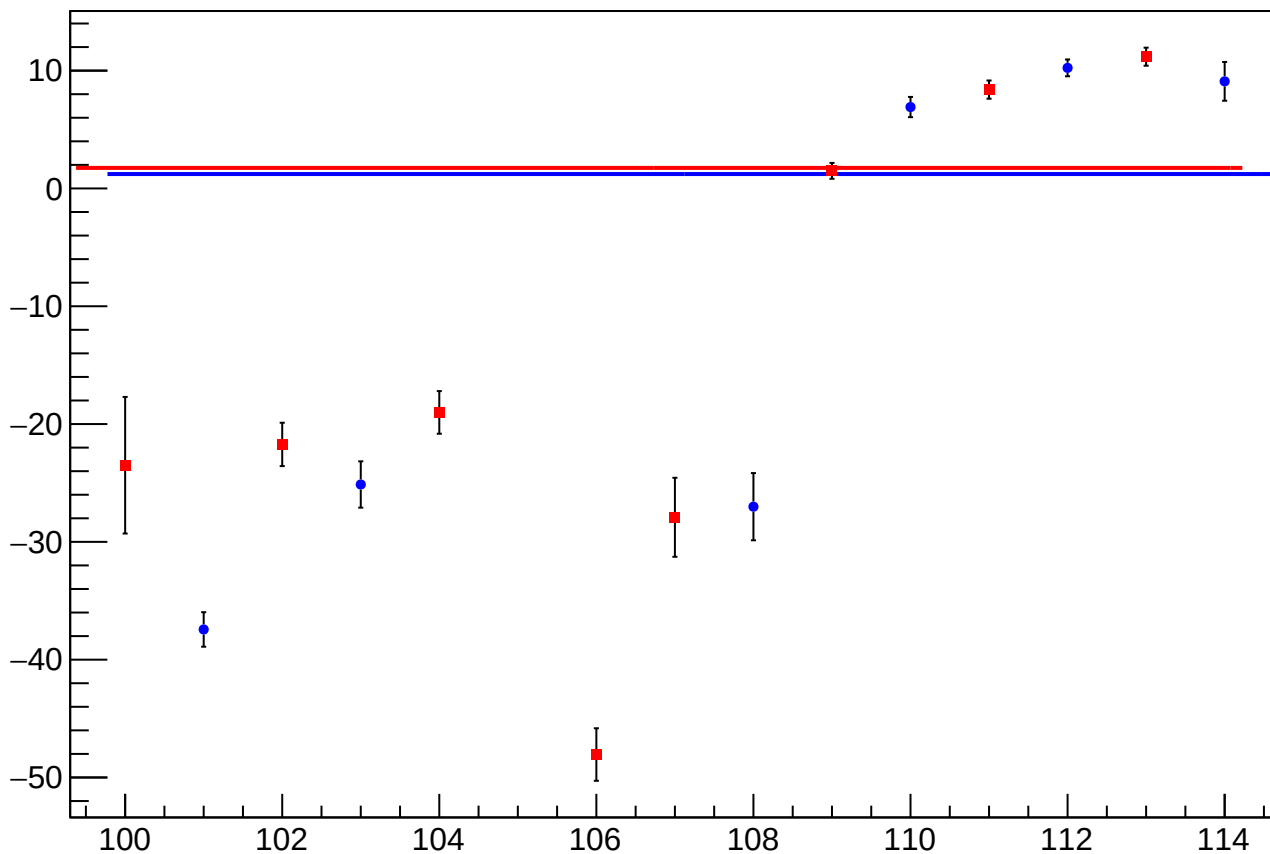
Right: -0.523 ± 0.055 χ^2/NDF : 346.6/13

In: -0.358 ± 0.080 χ^2/NDF : 34.9/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.523 ± 0.055 χ^2/NDF : 346.6/13

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.222+/-0.470 χ^2/NDF : 1200.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.744+/-0.392 χ^2/NDF : 1116.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

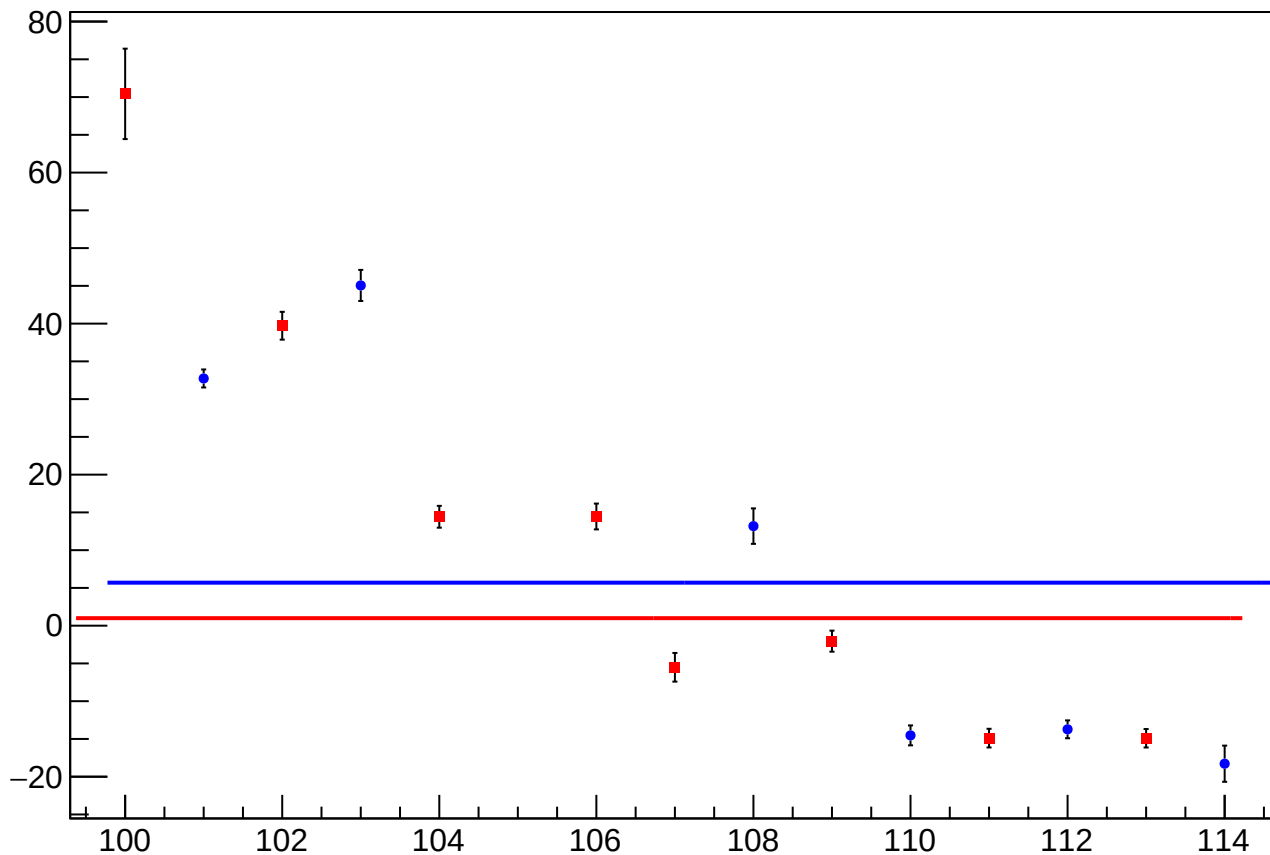
Right: 1.530+/-0.301 χ^2/NDF : 2317.5/13

In: 1.222+/-0.470 χ^2/NDF : 1200.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.530+/-0.301 χ^2/NDF : 2317.5/13

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.696+/-0.622 χ^2/NDF : 1493.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.995+/-0.554 χ^2/NDF : 1076.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

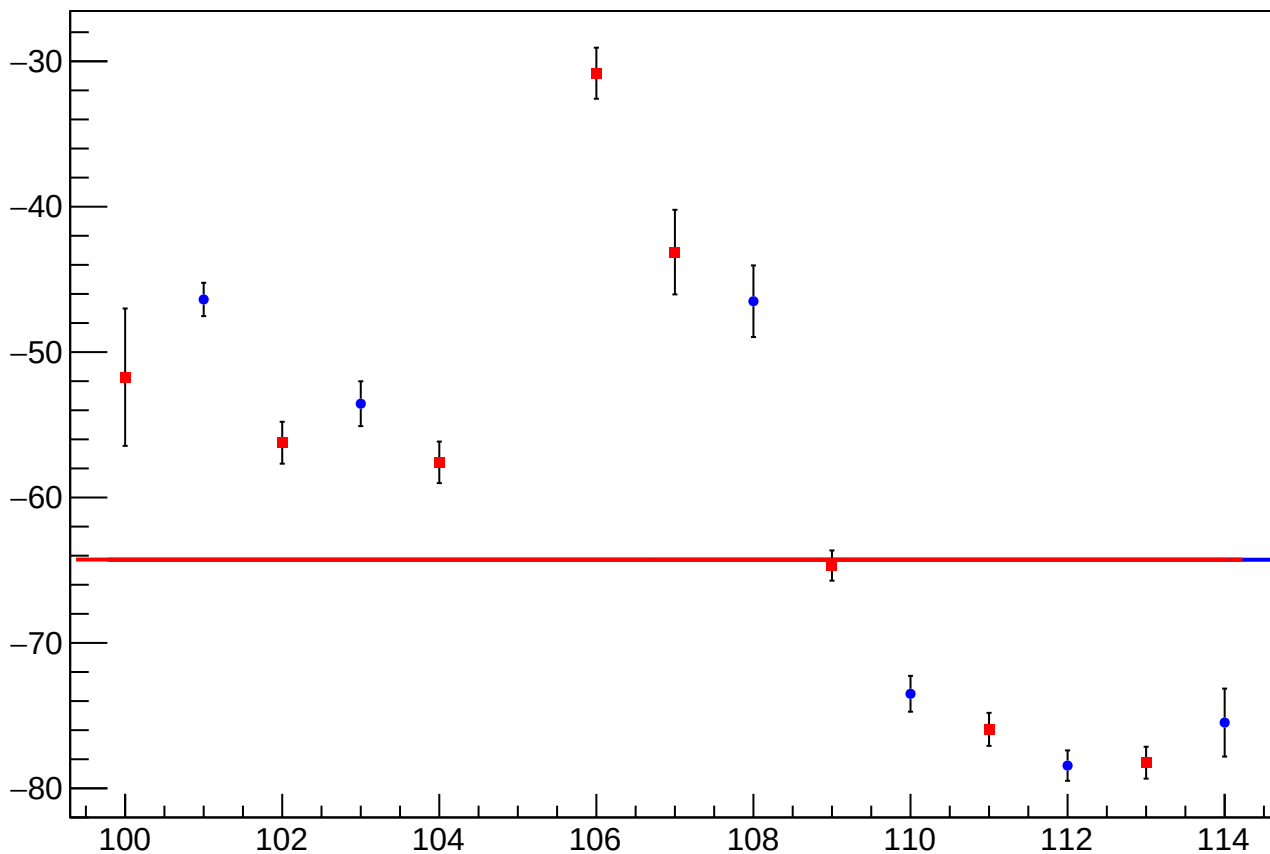
Right: 3.072+/-0.414 χ^2/NDF : 2601.6/13

In: 5.696+/-0.622 χ^2/NDF : 1493.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.072+/-0.414 χ^2/NDF : 2601.6/13

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

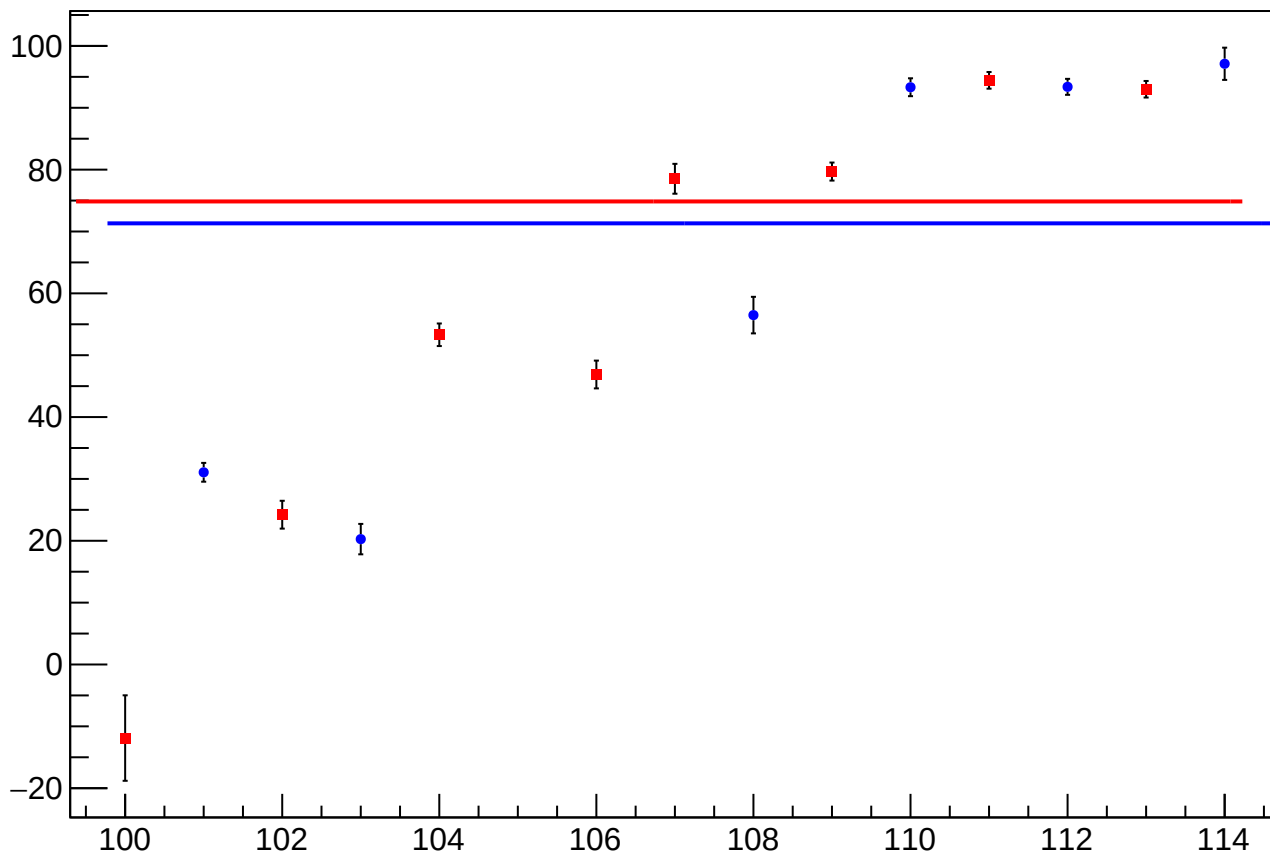
Right: -64.272+/-0.375 χ^2/NDF : 1349.9/13

In: -64.279+/-0.568 χ^2/NDF : 606.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.272+/-0.375 χ^2/NDF : 1349.9/13

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.317+/-0.719 χ^2/NDF : 1778.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.858+/-0.636 χ^2/NDF : 1367.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

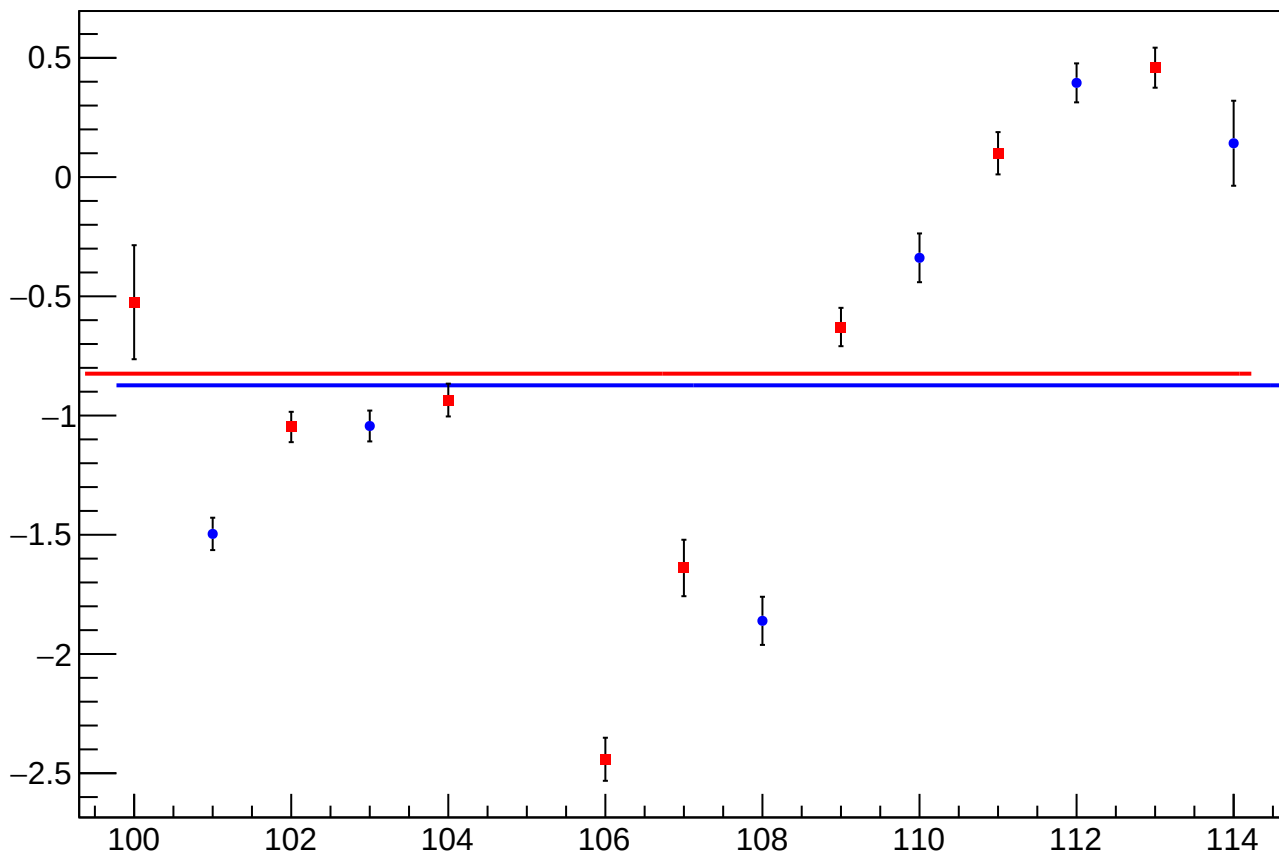
Right: 73.302+/-0.476 χ^2/NDF : 3159.0/13

In: 71.317+/-0.719 χ^2/NDF : 1778.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.302+/-0.476 χ^2/NDF : 3159.0/13

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

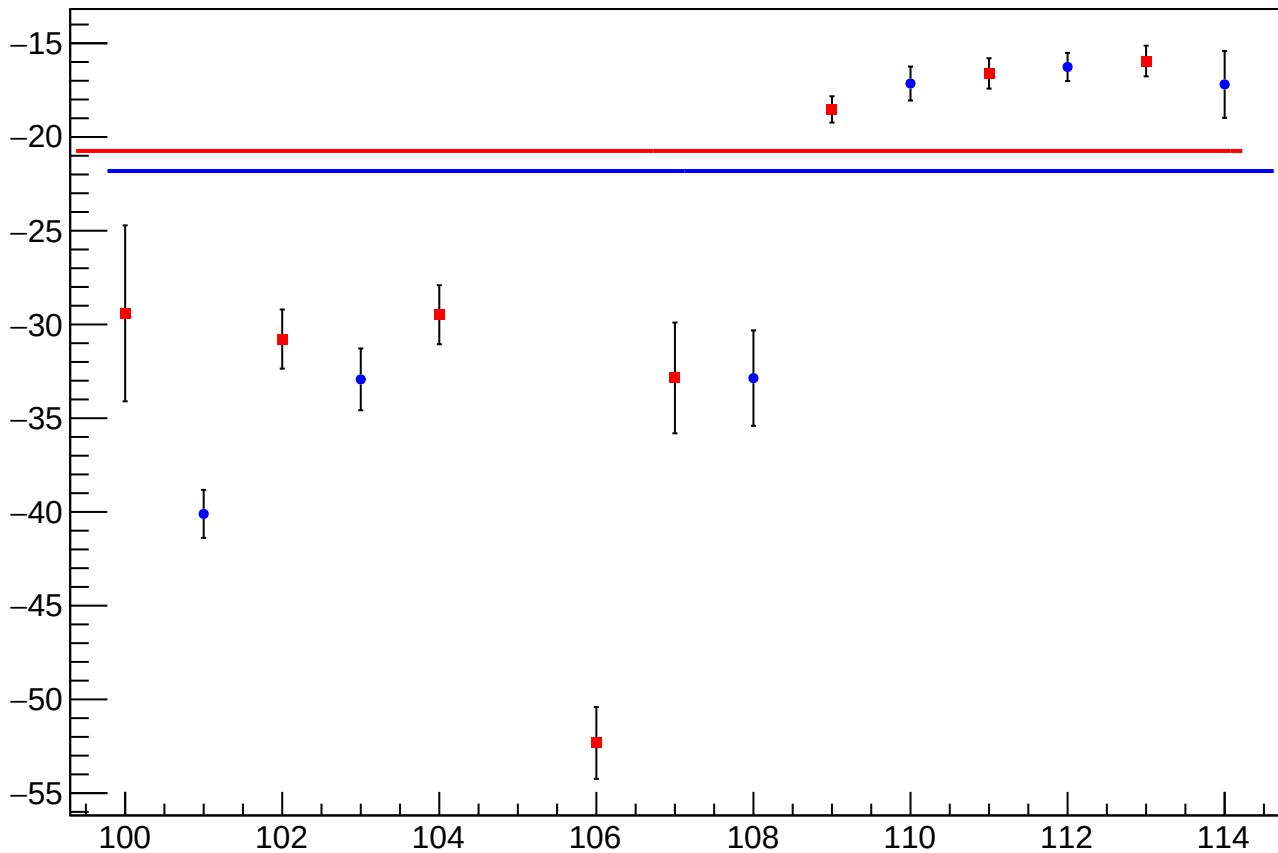
Right: -0.846 ± 0.023 χ^2/NDF : 1221.6/13

In: -0.873 ± 0.035 χ^2/NDF : 487.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.846 ± 0.023 χ^2/NDF : 1221.6/13

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

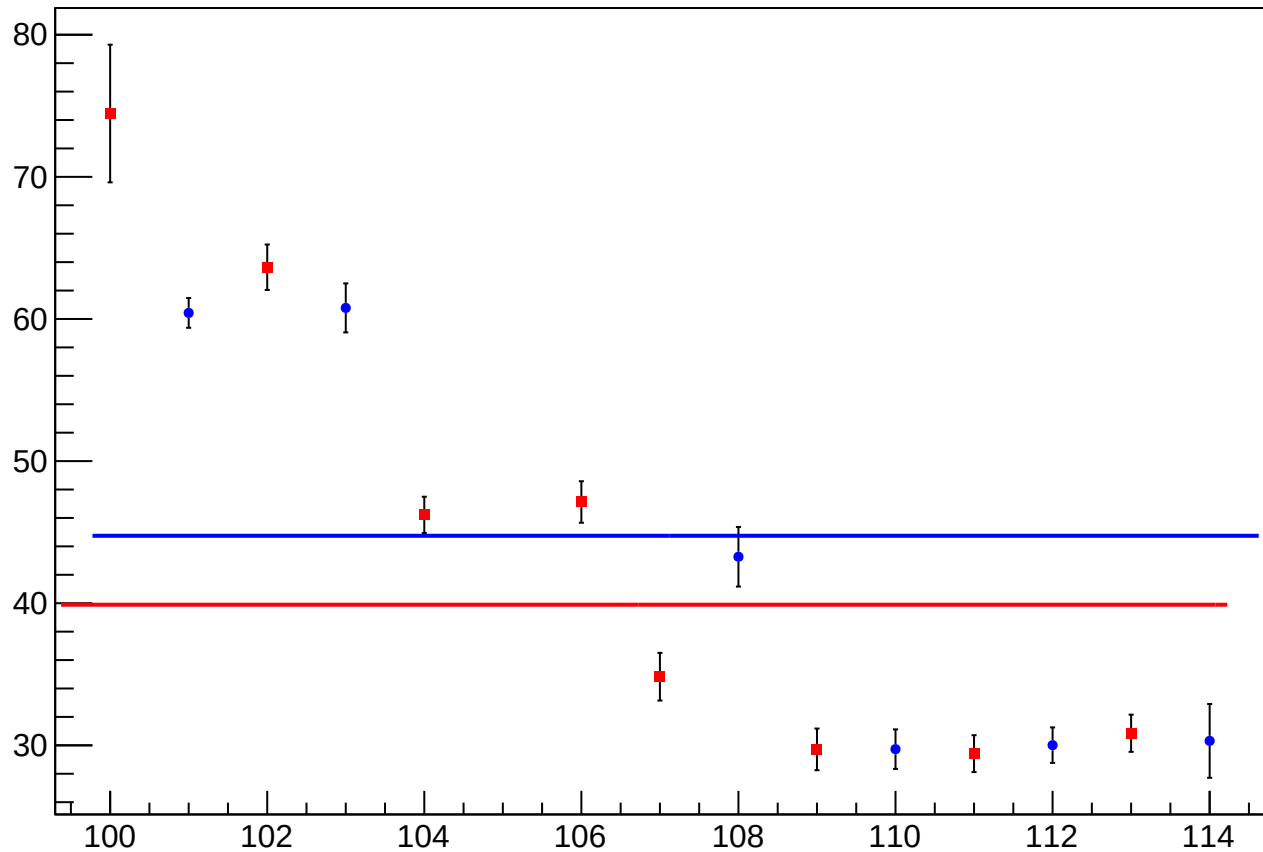
Right: -21.186 $\pm$ 0.305 χ^2 /NDF: 793.2/13

In: -21.814 $\pm$ 0.475 χ^2 /NDF:356.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.186 $\pm$ 0.305 χ^2 /NDF: 793.2/13

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

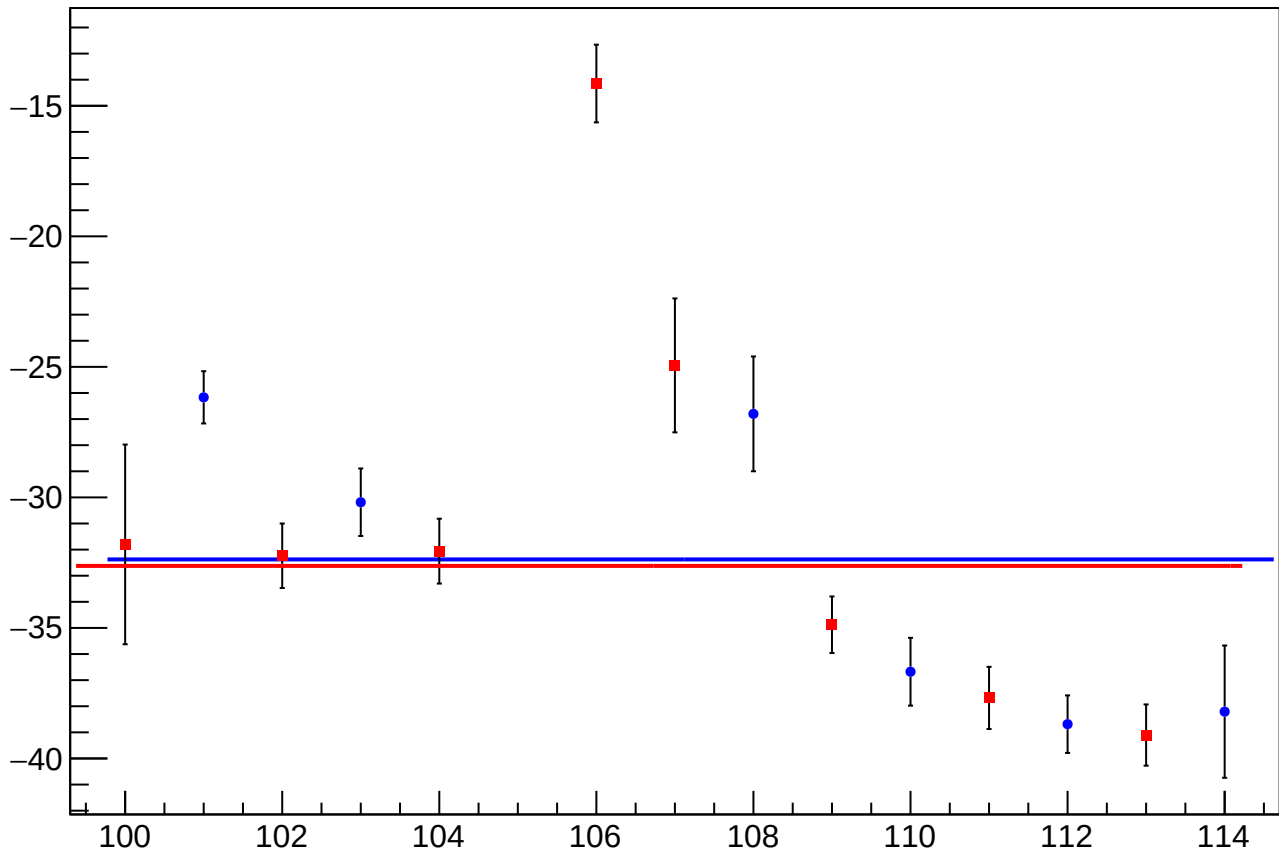
Right: 42.037 $\pm$ 0.398 χ^2 /NDF: 1126.0/13

In: 44.745 $\pm$ 0.599 χ^2 /NDF:598.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.037 $\pm$ 0.398 χ^2 /NDF: 1126.0/13

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.376 $\pm$ 0.544 χ^2 /NDF: 96.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.624 $\pm$ 0.485 χ^2 /NDF: 216.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

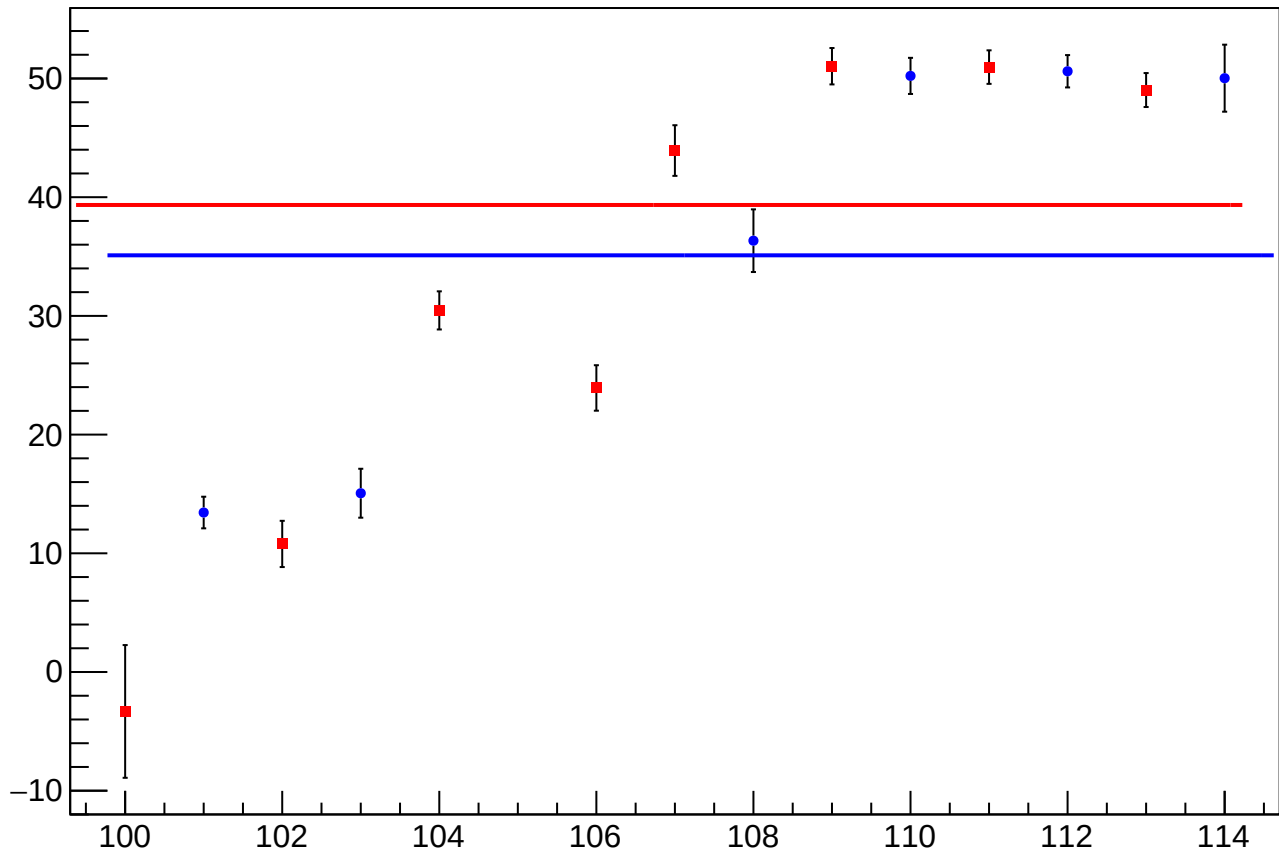
Right: -32.514 $\pm$ 0.362 χ^2 /NDF: 313.3/13

In: -32.376 $\pm$ 0.544 χ^2 /NDF:96.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.514 $\pm$ 0.362 χ^2 /NDF: 313.3/13

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 35.103+/-0.700 χ^2/NDF : 615.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.345+/-0.621 χ^2/NDF : 544.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

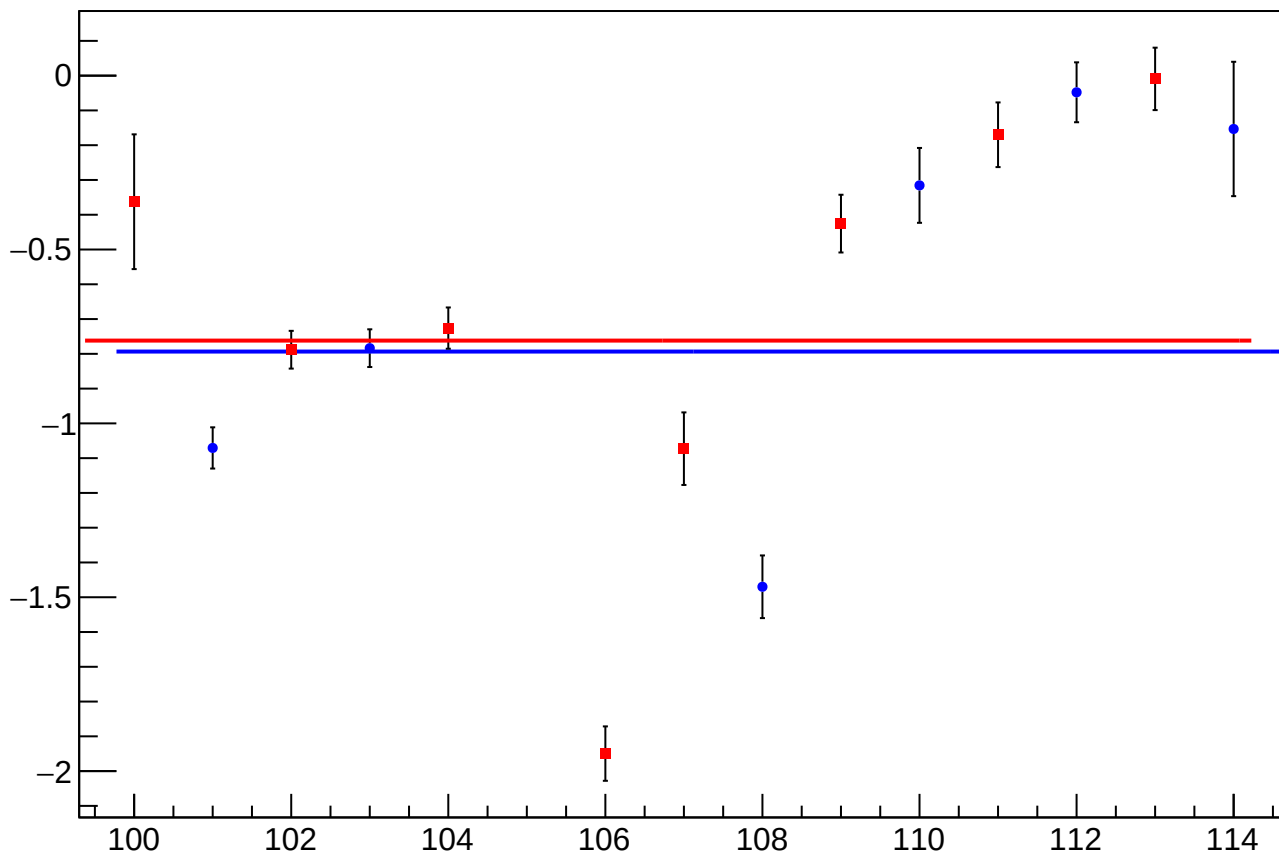
Right: 37.477+/-0.465 χ^2/NDF : 1180.9/13

In: 35.103+/-0.700 χ^2/NDF : 615.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.477+/-0.465 χ^2/NDF : 1180.9/13

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

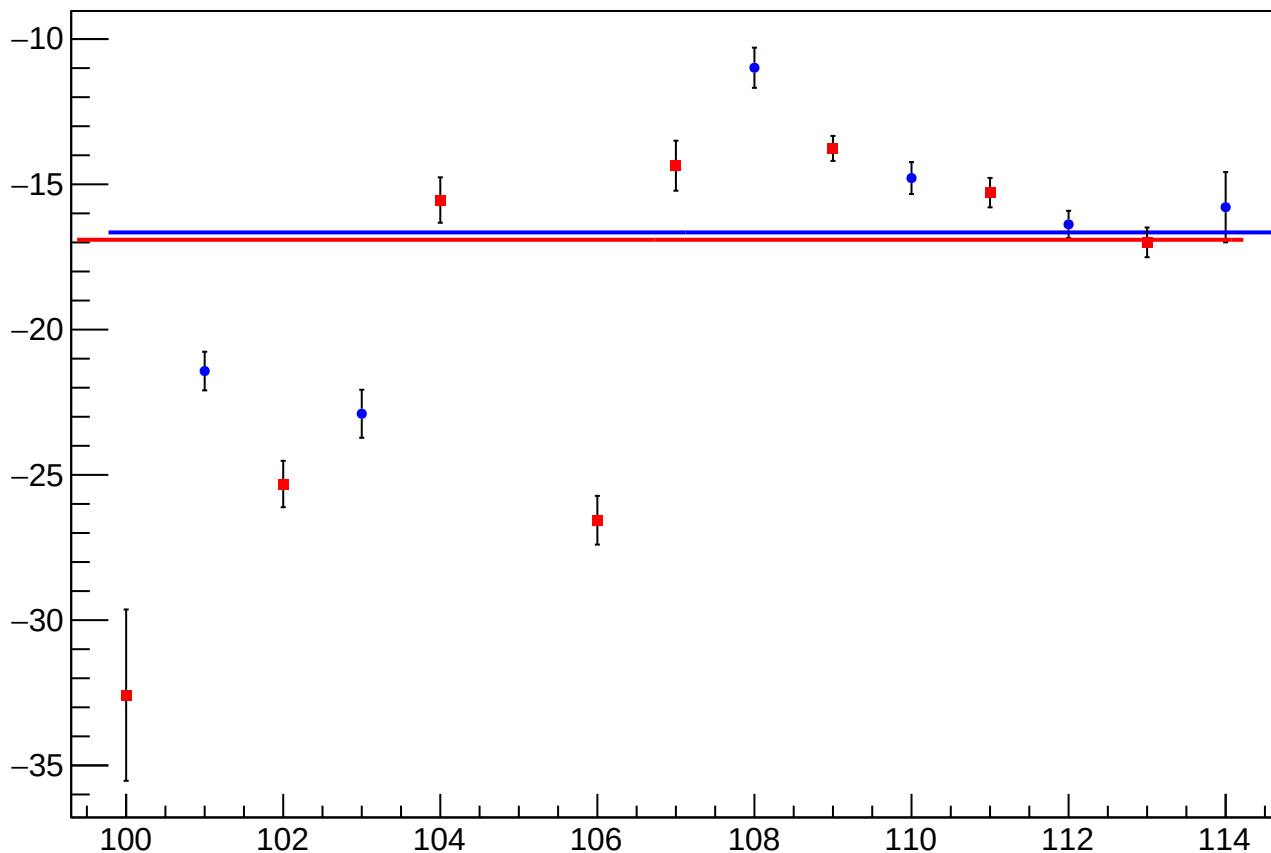
Right: -0.776 ± 0.021 χ^2/NDF : 555.9/13

In: -0.793 ± 0.032 χ^2/NDF : 183.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.776 ± 0.021 χ^2/NDF : 555.9/13

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.655 $\pm$ 0.264 χ^2 /NDF: 188.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.909 $\pm$ 0.228 χ^2 /NDF: 347.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

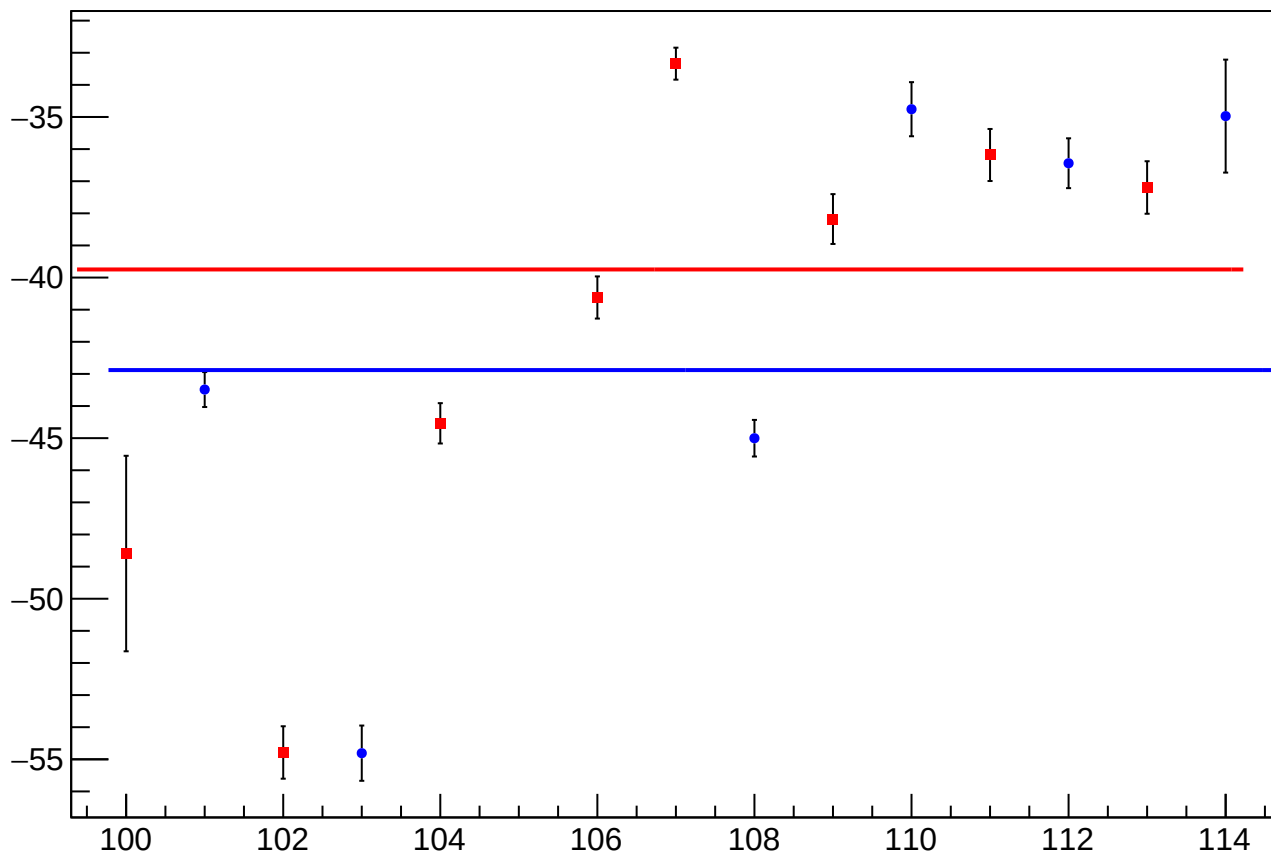
Right: -16.800 $\pm$ 0.173 χ^2 /NDF: 535.9/13

In: -16.655 $\pm$ 0.264 χ^2 /NDF: 188.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.800 $\pm$ 0.173 χ^2 /NDF: 535.9/13

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.880 $\pm$ 0.299 χ^2 /NDF: 389.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.748 $\pm$ 0.257 χ^2 /NDF: 606.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

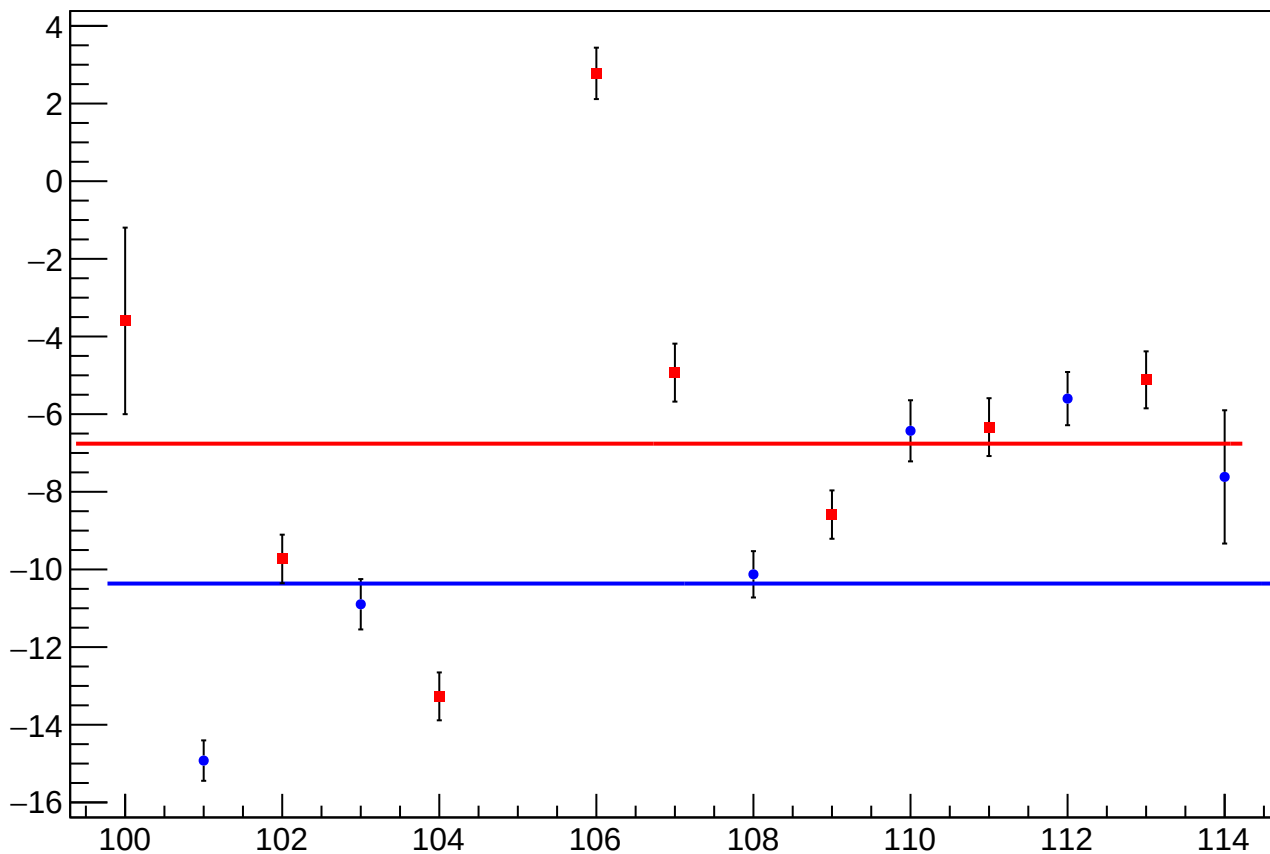
Right: -41.078 $\pm$ 0.195 χ^2 /NDF: 1059.5/13

In: -42.880 $\pm$ 0.299 χ^2 /NDF: 389.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.078 $\pm$ 0.195 χ^2 /NDF: 1059.5/13

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

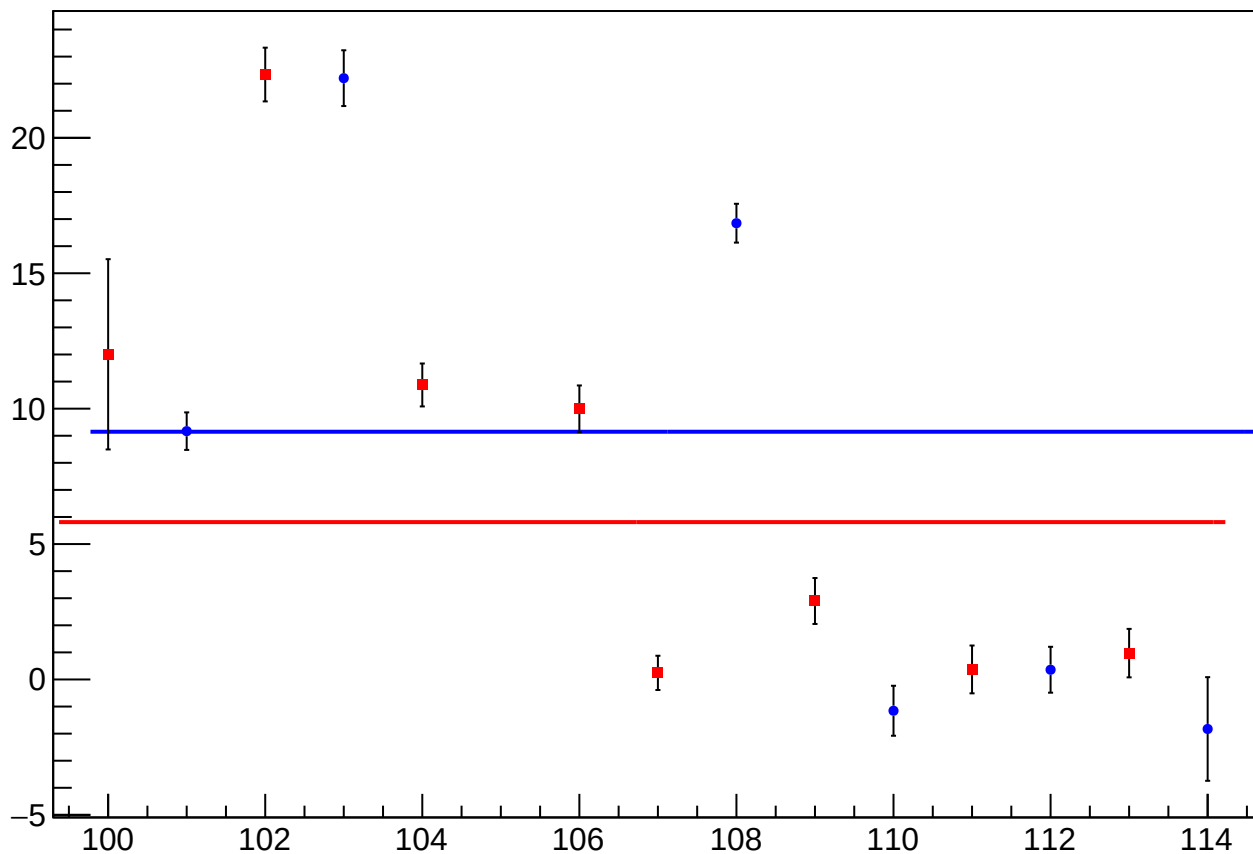
Right: -8.391 ± 0.187 χ^2/NDF : 608.7/13

In: -10.363 ± 0.278 χ^2/NDF : 153.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.391 ± 0.187 χ^2/NDF : 608.7/13

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

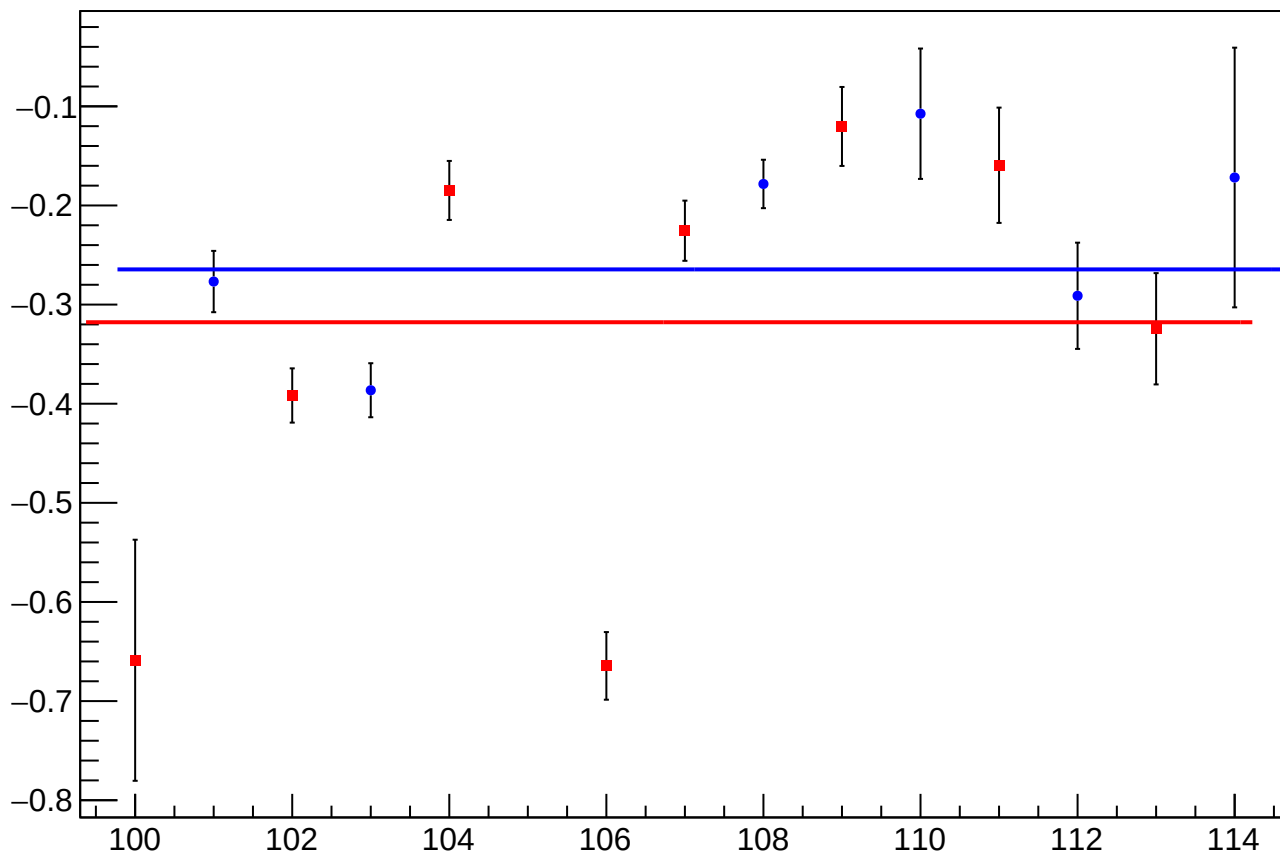
Right: 7.237 $\pm$ 0.234 χ^2 /NDF: 1092.7/13

In: 9.148 $\pm$ 0.358 χ^2 /NDF:541.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.237 $\pm$ 0.234 χ^2 /NDF: 1092.7/13

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

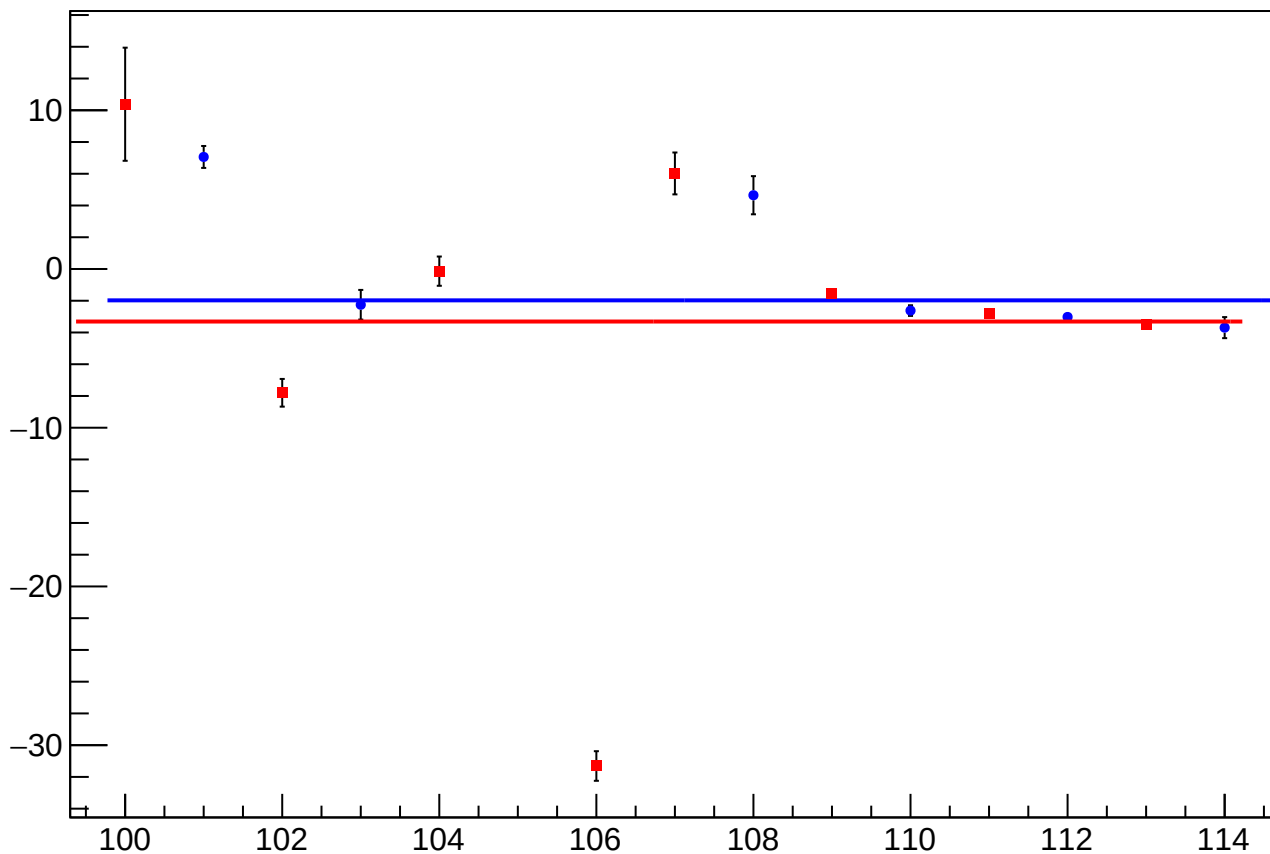
Right: -0.294+/-0.010 χ^2 /NDF: 226.0/13

In: -0.265+/-0.015 χ^2 /NDF:39.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.294+/-0.010 χ^2 /NDF: 226.0/13

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

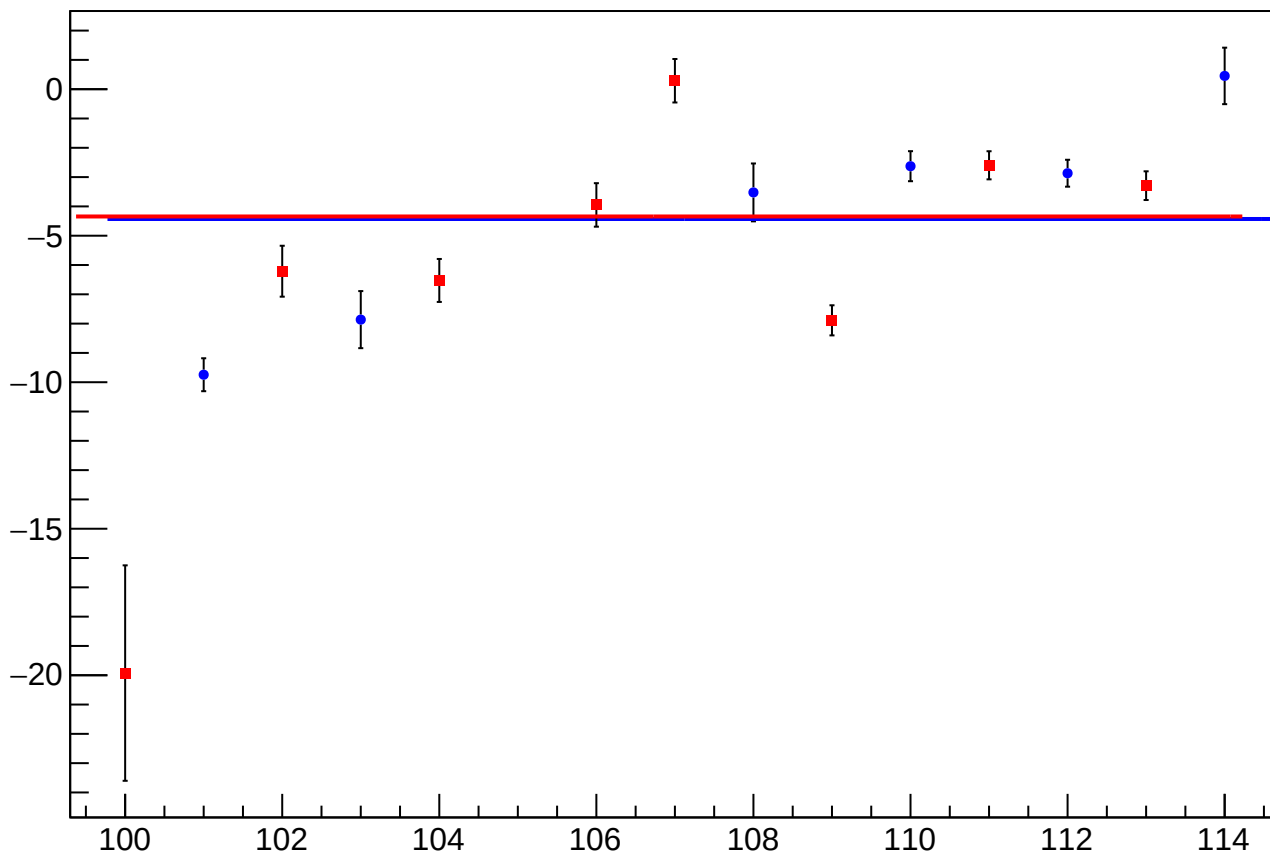
Right: -2.757+/-0.122 χ^2 /NDF: 1306.7/13

In: -1.976+/-0.189 χ^2 /NDF:226.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.757+/-0.122 χ^2 /NDF: 1306.7/13

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

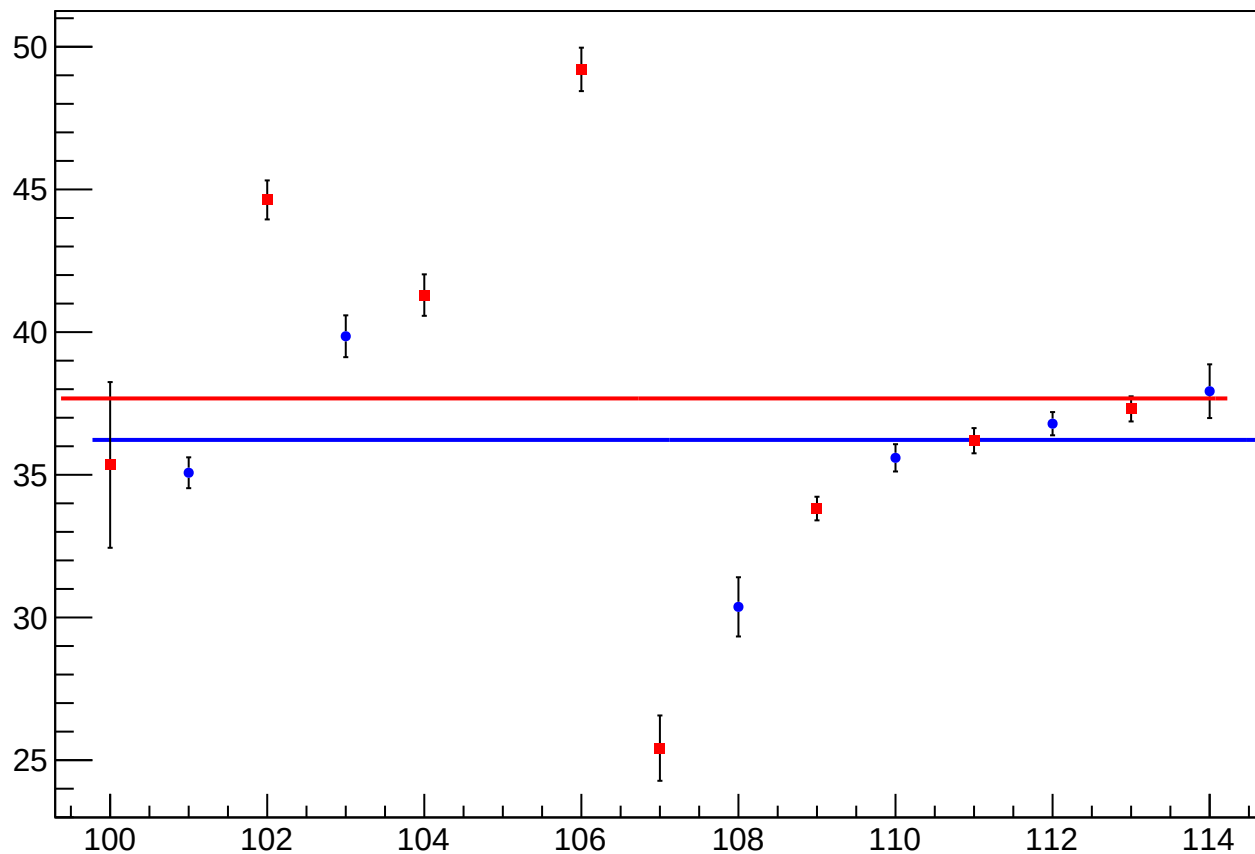
Right: -4.381+/-0.171 χ^2/NDF : 288.5/13

In: -4.429+/-0.259 χ^2/NDF : 152.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.381+/-0.171 χ^2/NDF : 288.5/13

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

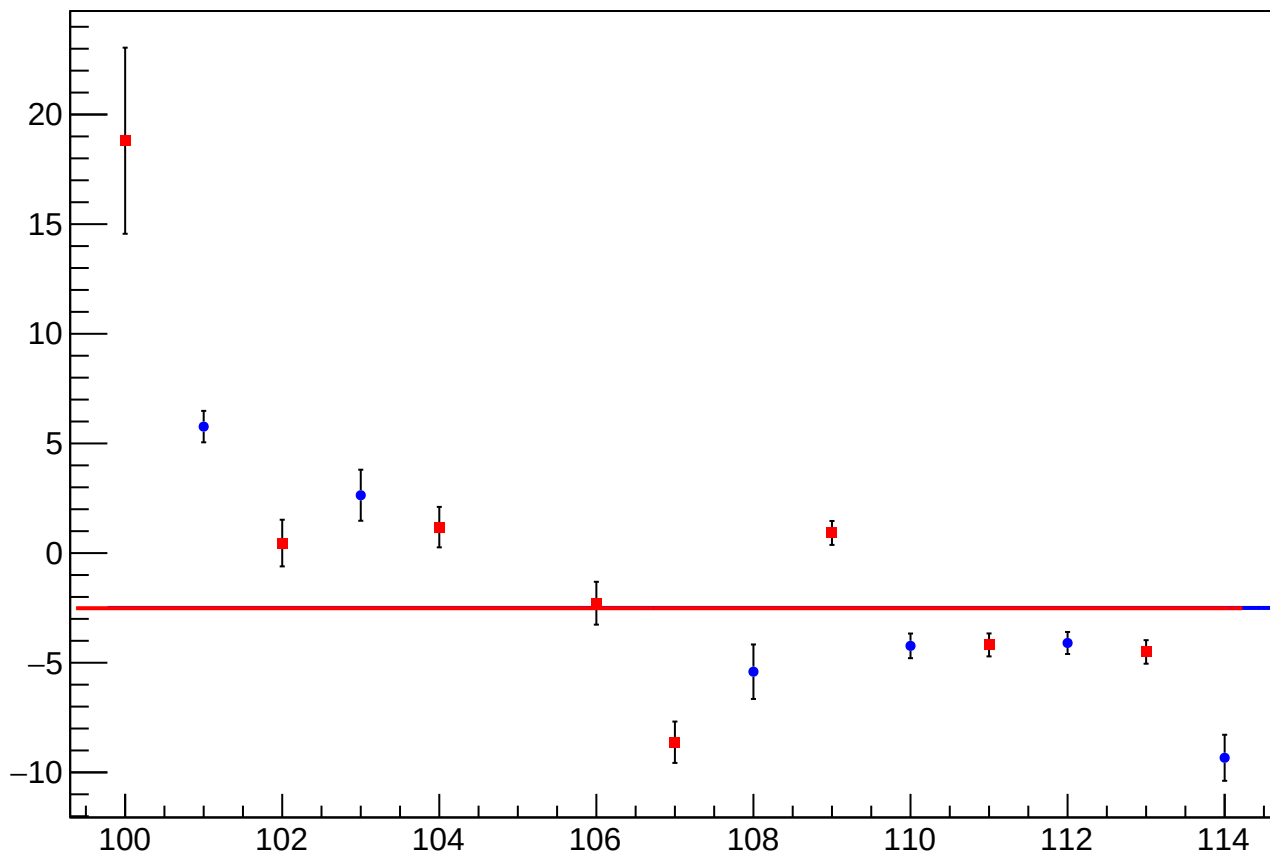
Right: 37.040+/-0.157 χ^2/NDF : 660.9/13

In: 36.223+/-0.237 χ^2/NDF : 67.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.040+/-0.157 χ^2/NDF : 660.9/13

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.501+/-0.297 χ^2 /NDF: 220.1/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.514+/-0.260 χ^2 /NDF: 154.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

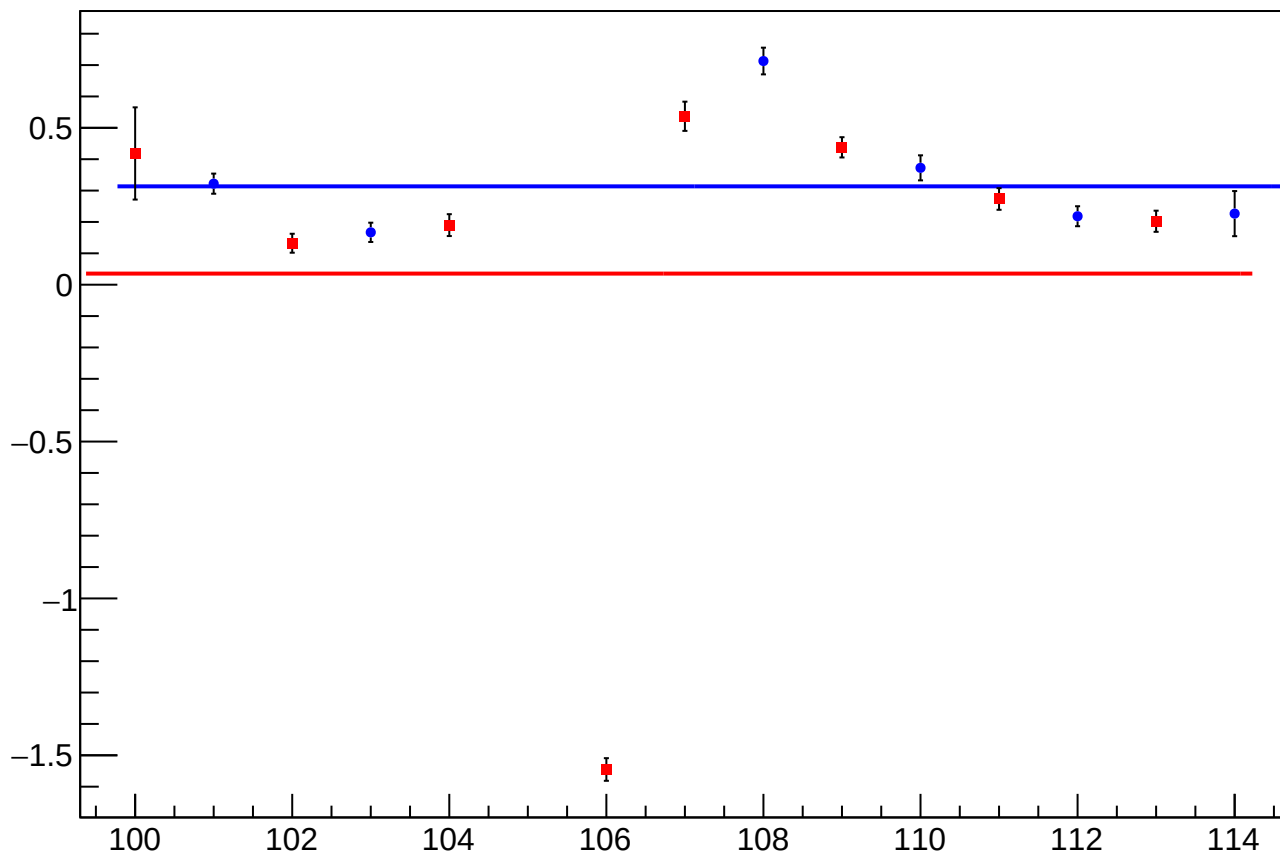
Right: -2.509+/-0.196 χ^2 /NDF: 374.8/13

In: -2.501+/-0.297 χ^2 /NDF:220.1/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.509+/-0.196 χ^2 /NDF: 374.8/13

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.313 $\pm$ 0.015 χ^2 /NDF: 123.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.013 χ^2 /NDF: 2300.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

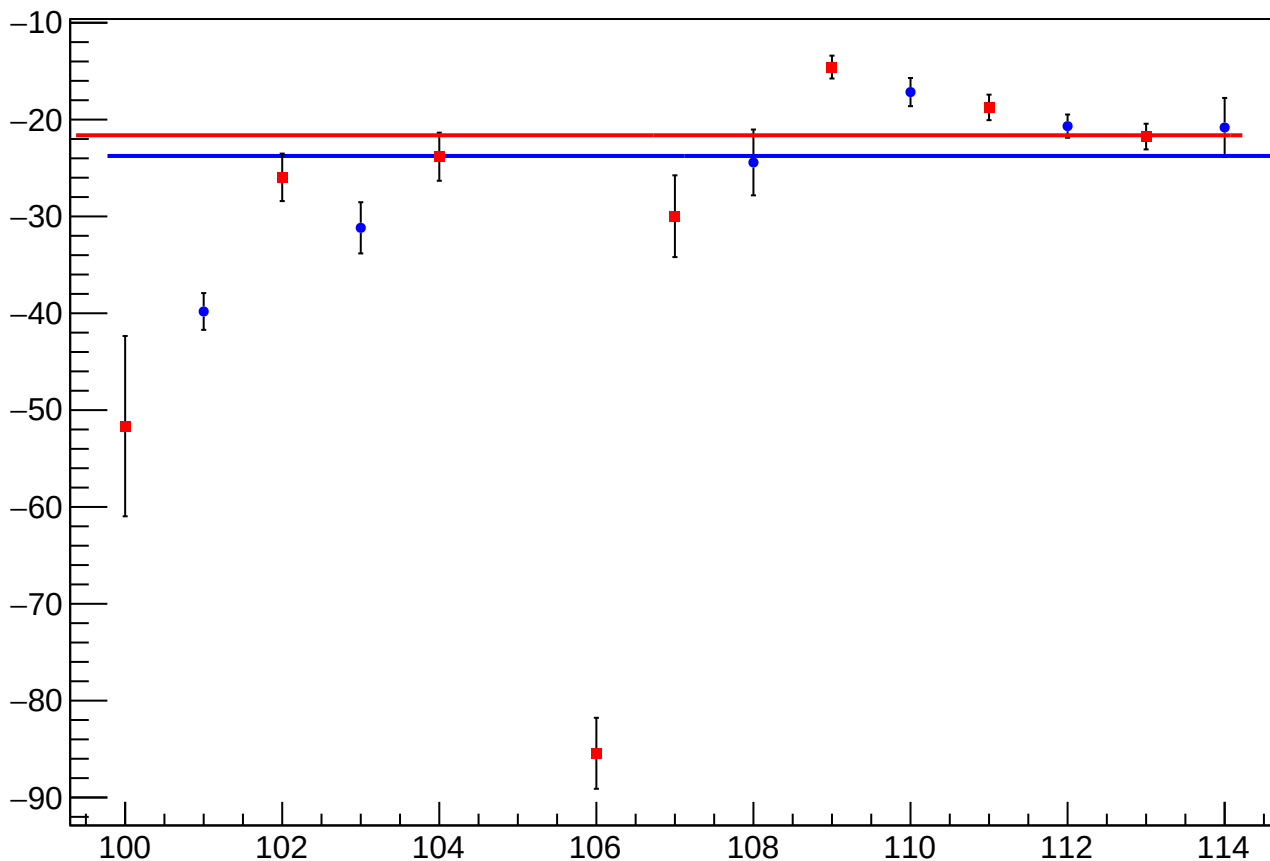
Right: 0.154 $\pm$ 0.010 χ^2 /NDF: 2618.1/13

In: 0.313 $\pm$ 0.015 χ^2 /NDF:123.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.154 $\pm$ 0.010 χ^2 /NDF: 2618.1/13

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.756 ± 0.749 $\chi^2/\text{NDF}: 107.6/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.618 ± 0.654 $\chi^2/\text{NDF}: 361.7/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

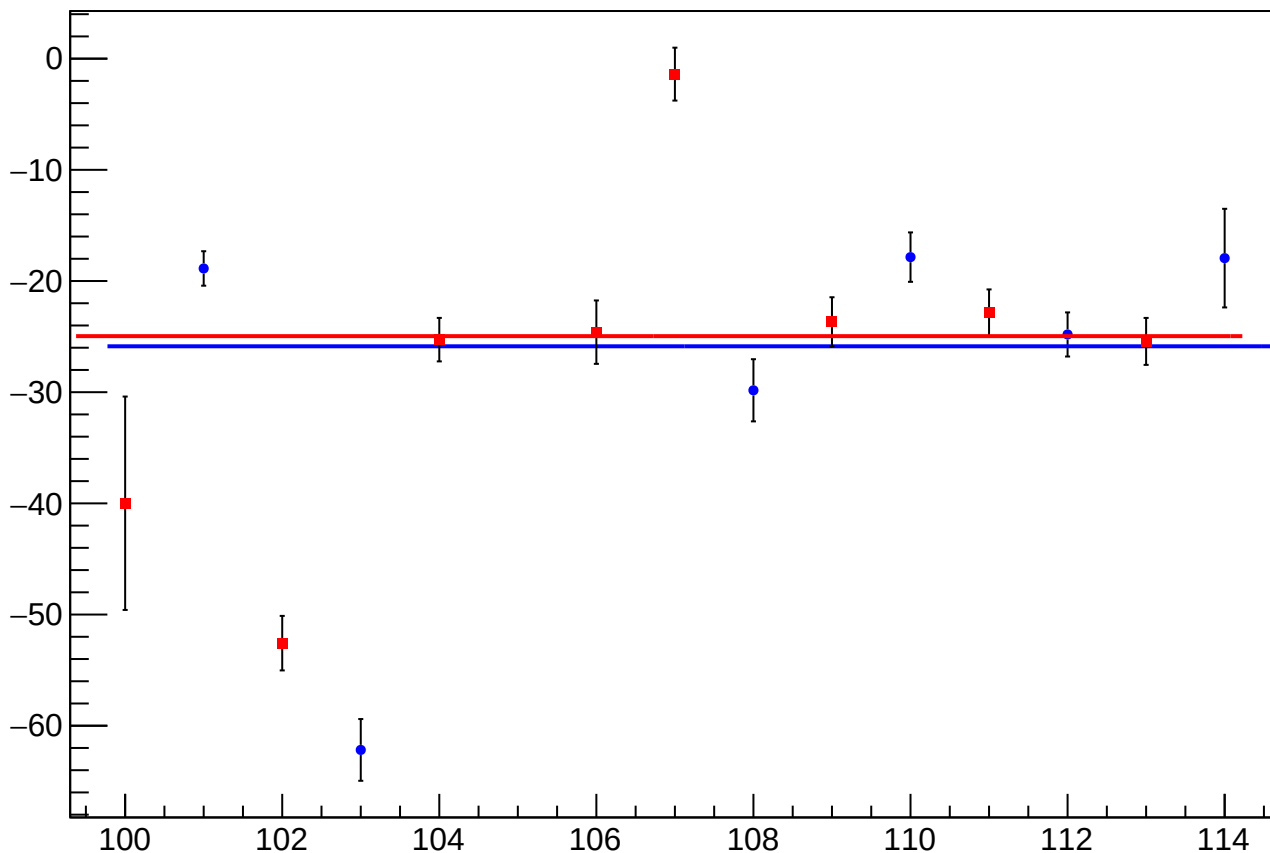
Right: -22.543 ± 0.493 $\chi^2/\text{NDF}: 473.9/13$

In: -23.756 ± 0.749 $\chi^2/\text{NDF}: 107.6/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.543 ± 0.493 $\chi^2/\text{NDF}: 473.9/13$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

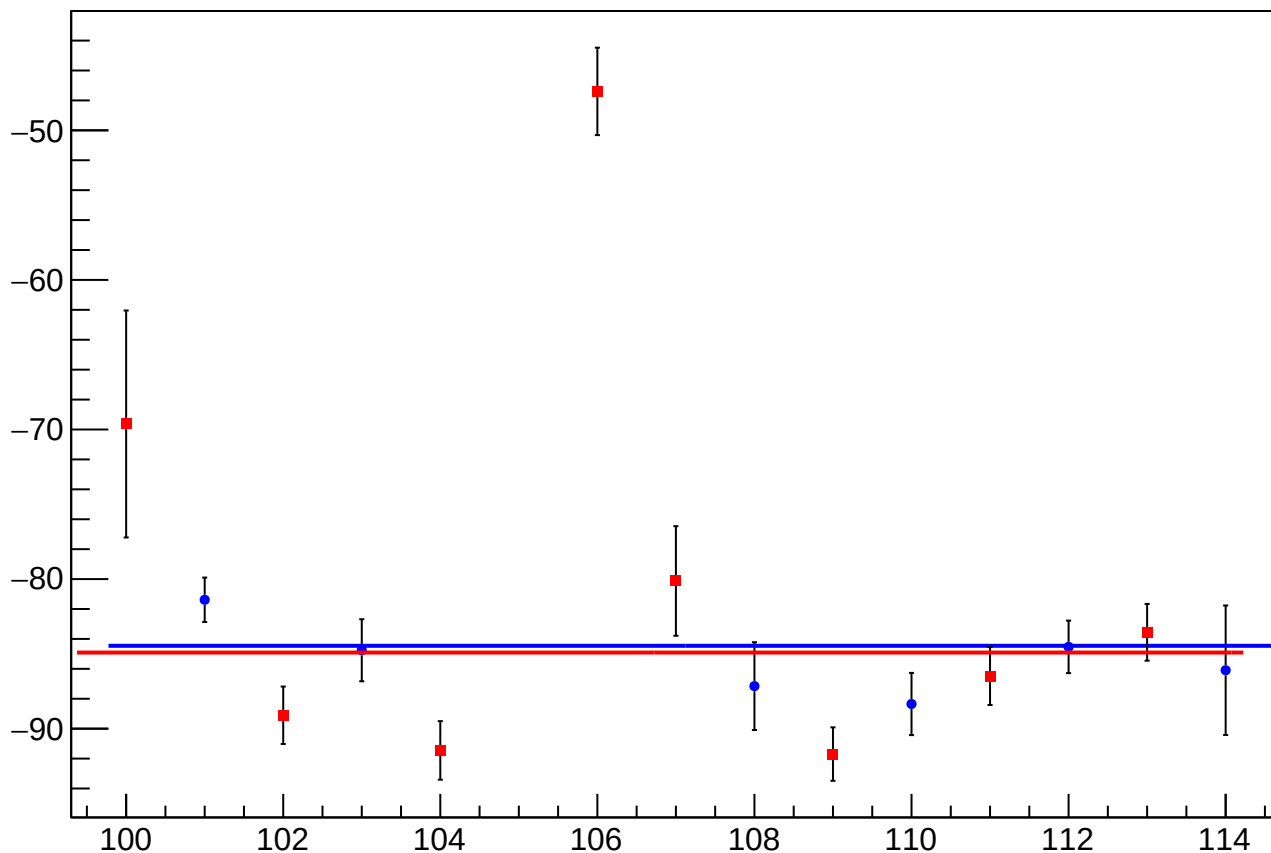
Right: -25.378 ± 0.623 χ^2/NDF : 439.0/13

In: -25.872 ± 0.920 χ^2/NDF : 209.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.378 ± 0.623 χ^2/NDF : 439.0/13

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -84.460 $\pm$ 0.842 χ^2 /NDF: 8.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -84.911 $\pm$ 0.791 χ^2 /NDF: 202.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

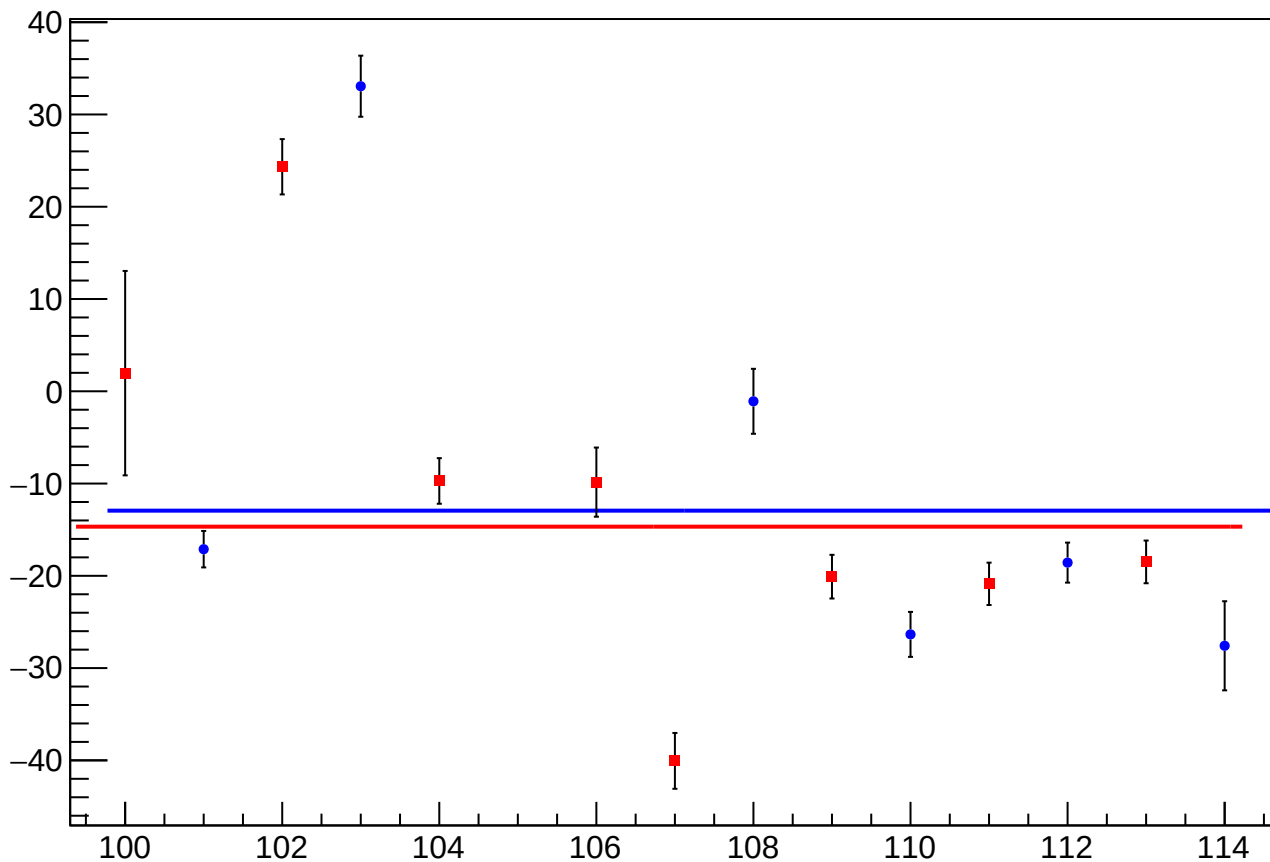
Right: -84.699 $\pm$ 0.576 χ^2 /NDF: 211.1/13

In: -84.460 $\pm$ 0.842 χ^2 /NDF:8.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -84.699 $\pm$ 0.576 χ^2 /NDF: 211.1/13

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

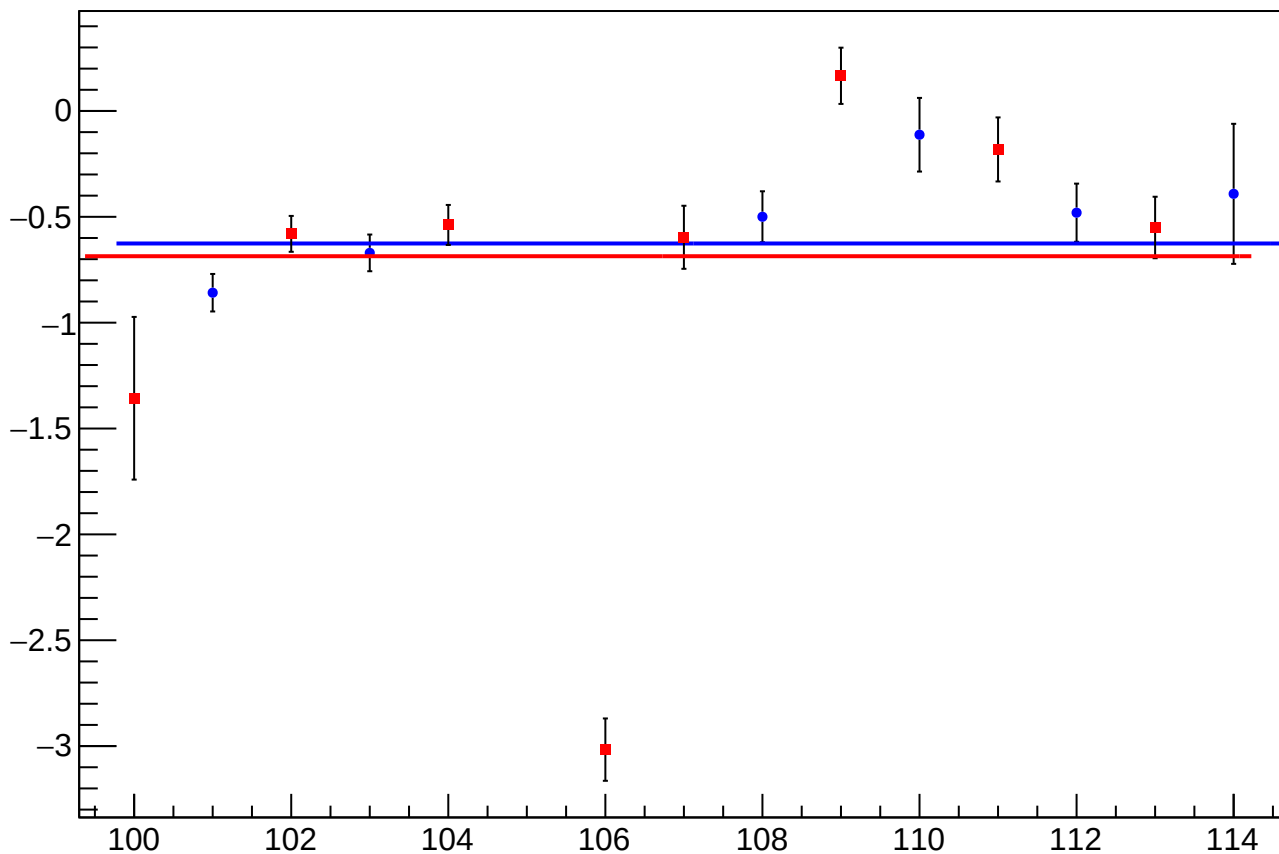
Right: -13.882 ± 0.731 χ^2/NDF : 519.4/13

In: -12.937 ± 1.083 χ^2/NDF : 255.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.882 ± 0.731 χ^2/NDF : 519.4/13

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

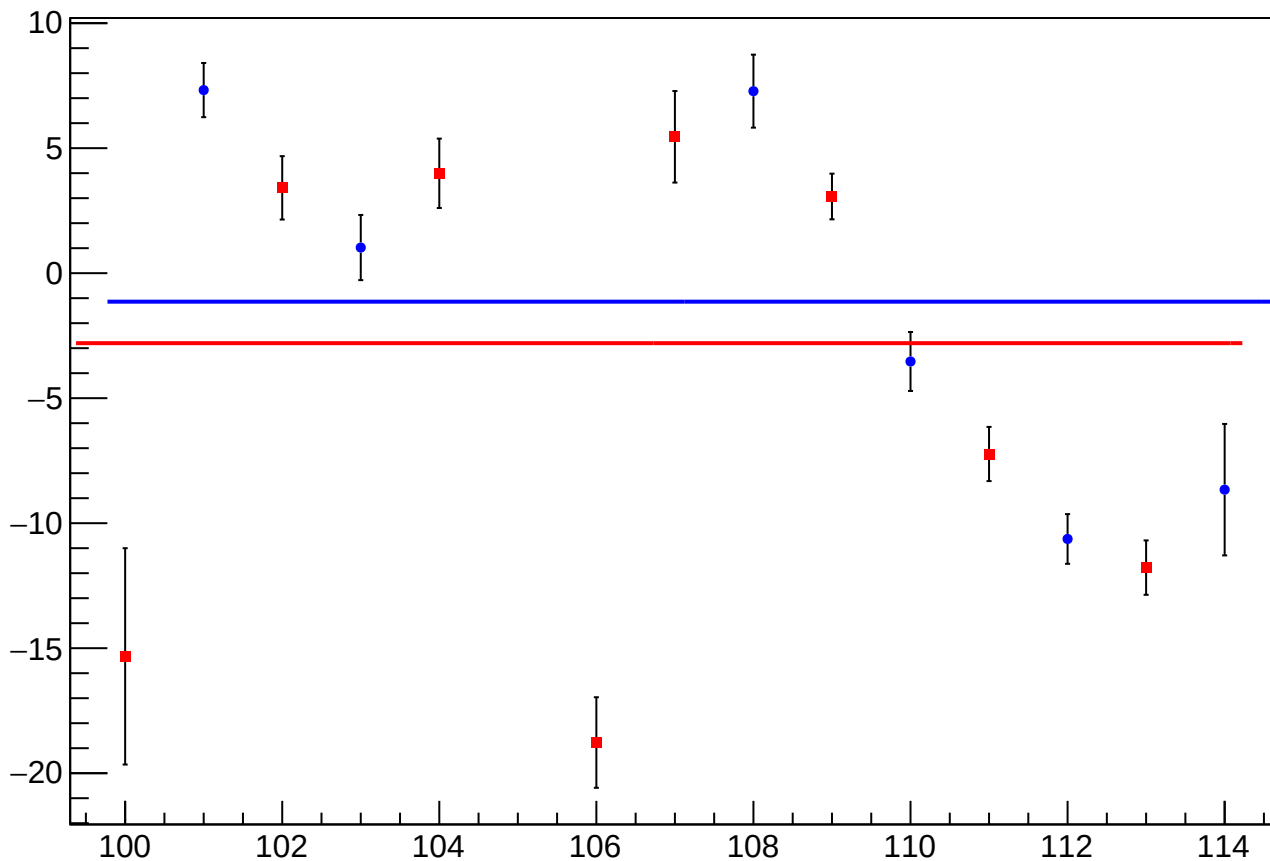
Right: -0.658 ± 0.033 χ^2/NDF : 330.5/13

In: -0.626 ± 0.049 χ^2/NDF : 18.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.658 ± 0.033 χ^2/NDF : 330.5/13

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

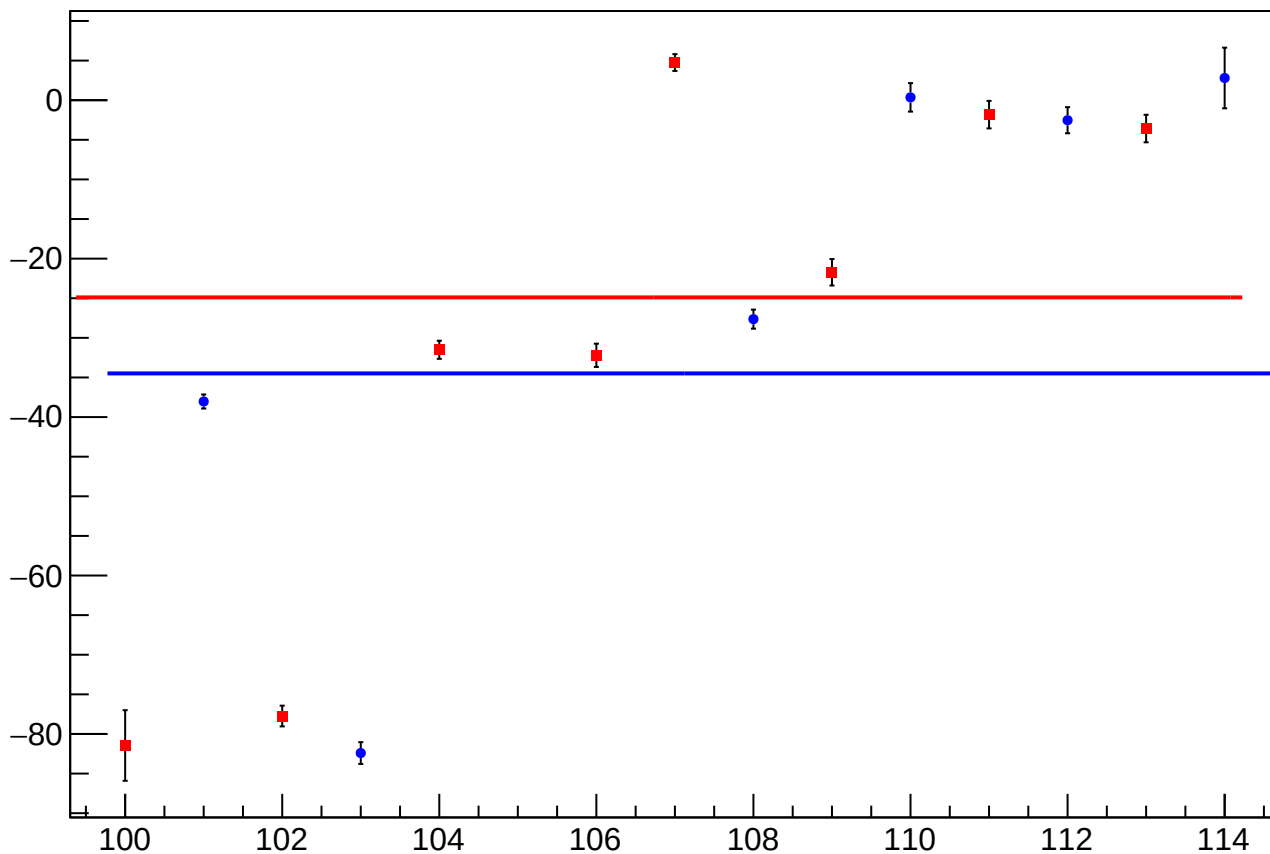
Right: -2.058 $\pm$ 0.343 χ^2 /NDF: 486.9/13

In: -1.140 $\pm$ 0.514 χ^2 /NDF:200.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.058 $\pm$ 0.343 χ^2 /NDF: 486.9/13

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

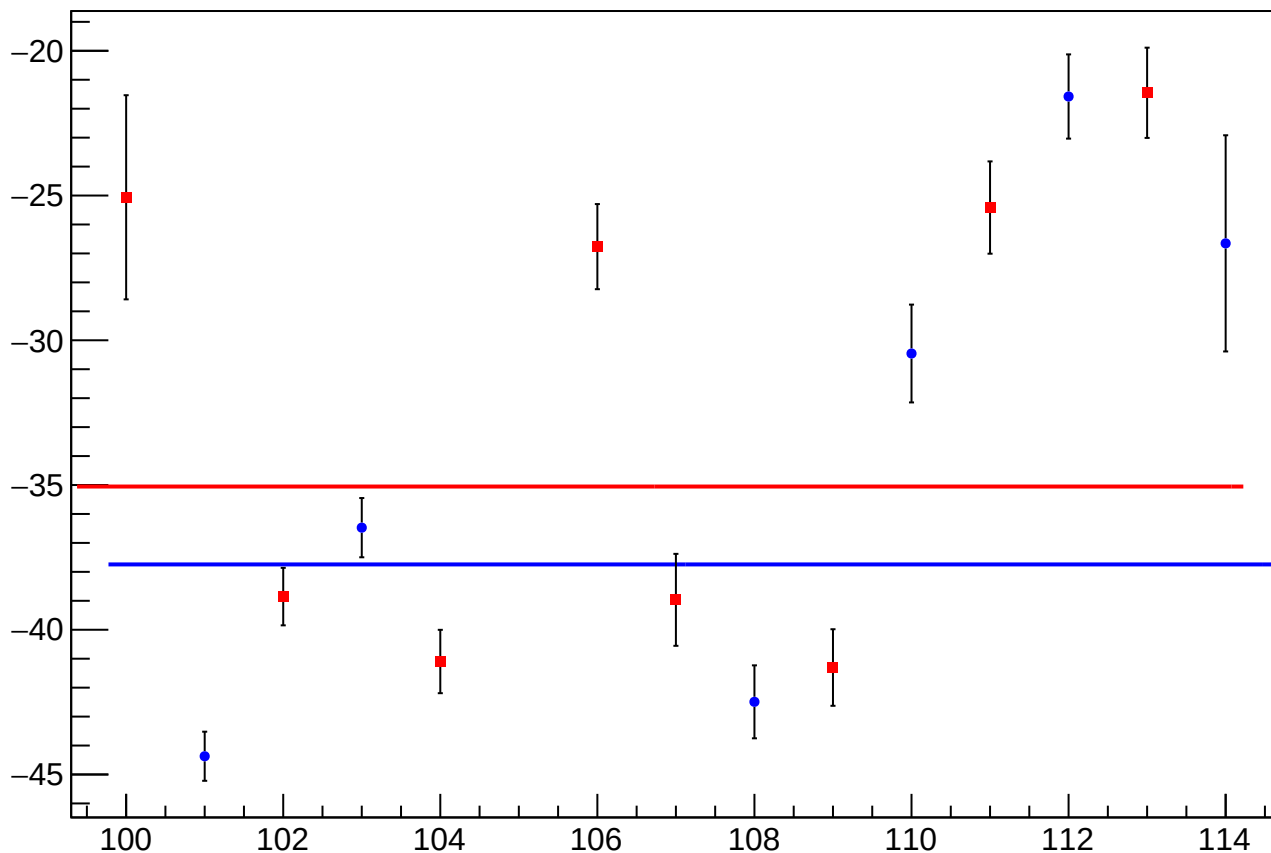
Right: -29.318+/-0.378 χ^2/NDF : 5226.3/13

In: -34.489+/-0.557 χ^2/NDF : 2106.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.318+/-0.378 χ^2/NDF : 5226.3/13

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

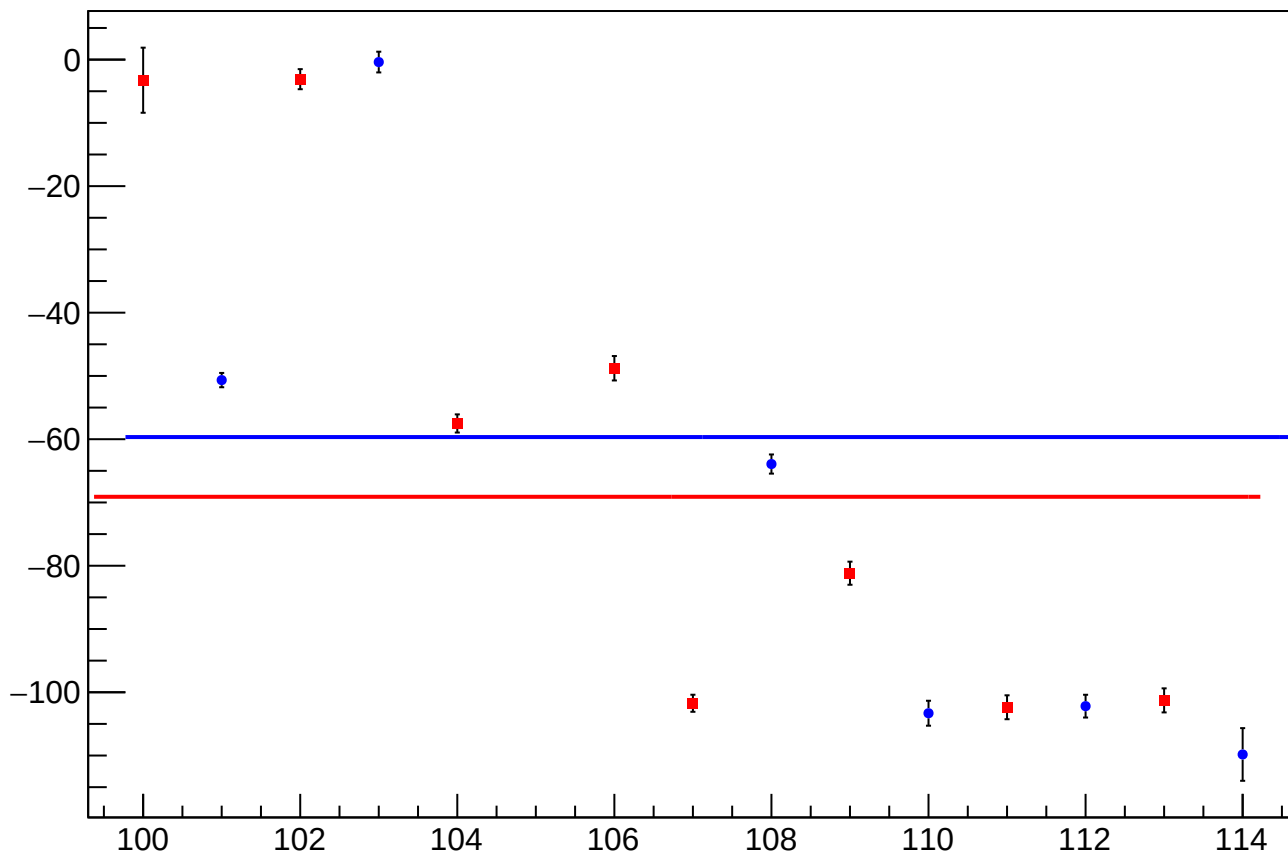
Right: -36.348 ± 0.353 χ^2/NDF : 468.1/13

In: -37.743 ± 0.508 χ^2/NDF : 227.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.348 ± 0.353 χ^2/NDF : 468.1/13

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -59.661+/-0.672 χ^2/NDF : 2573.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.102+/-0.621 χ^2/NDF : 3296.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

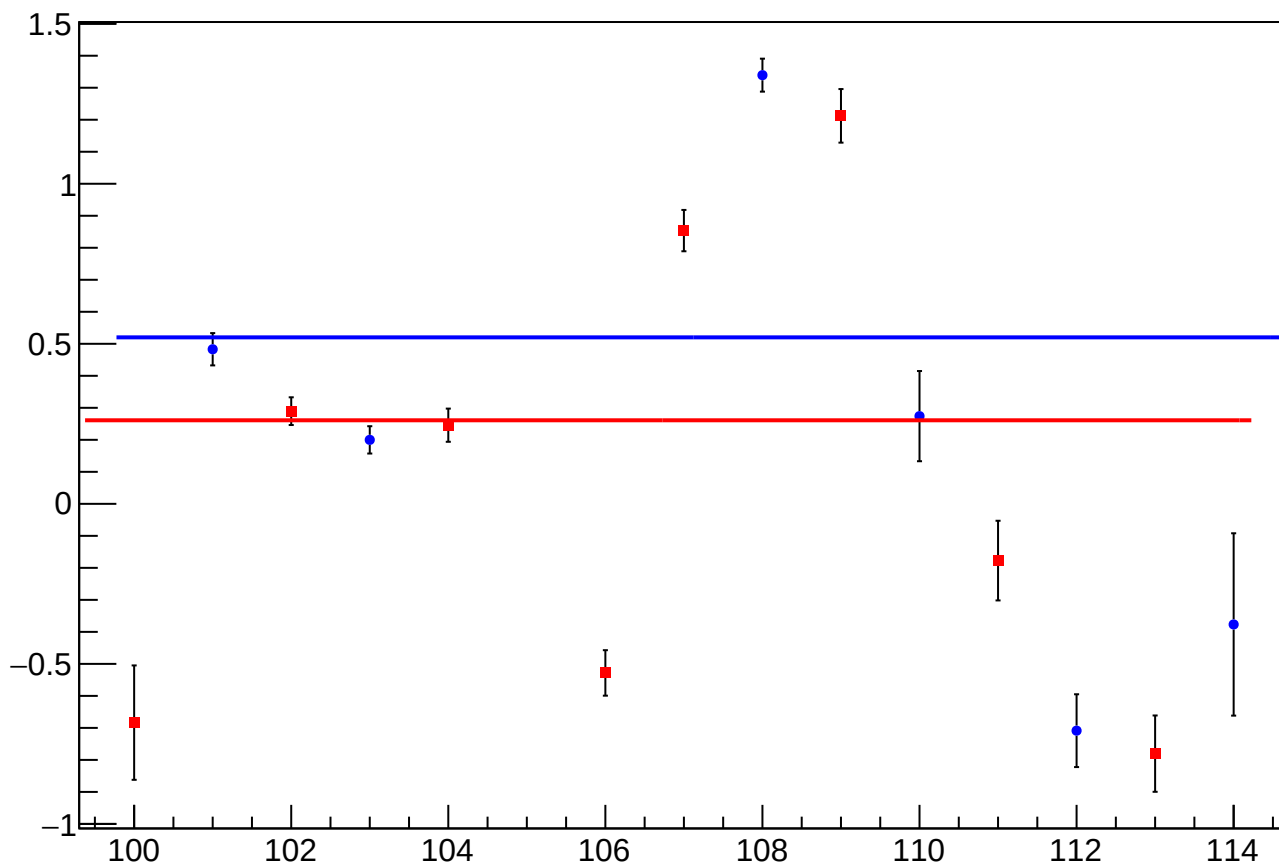
Right: -64.756+/-0.456 χ^2/NDF : 5976.1/13

In: -59.661+/-0.672 χ^2/NDF : 2573.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.756+/-0.456 χ^2/NDF : 5976.1/13

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

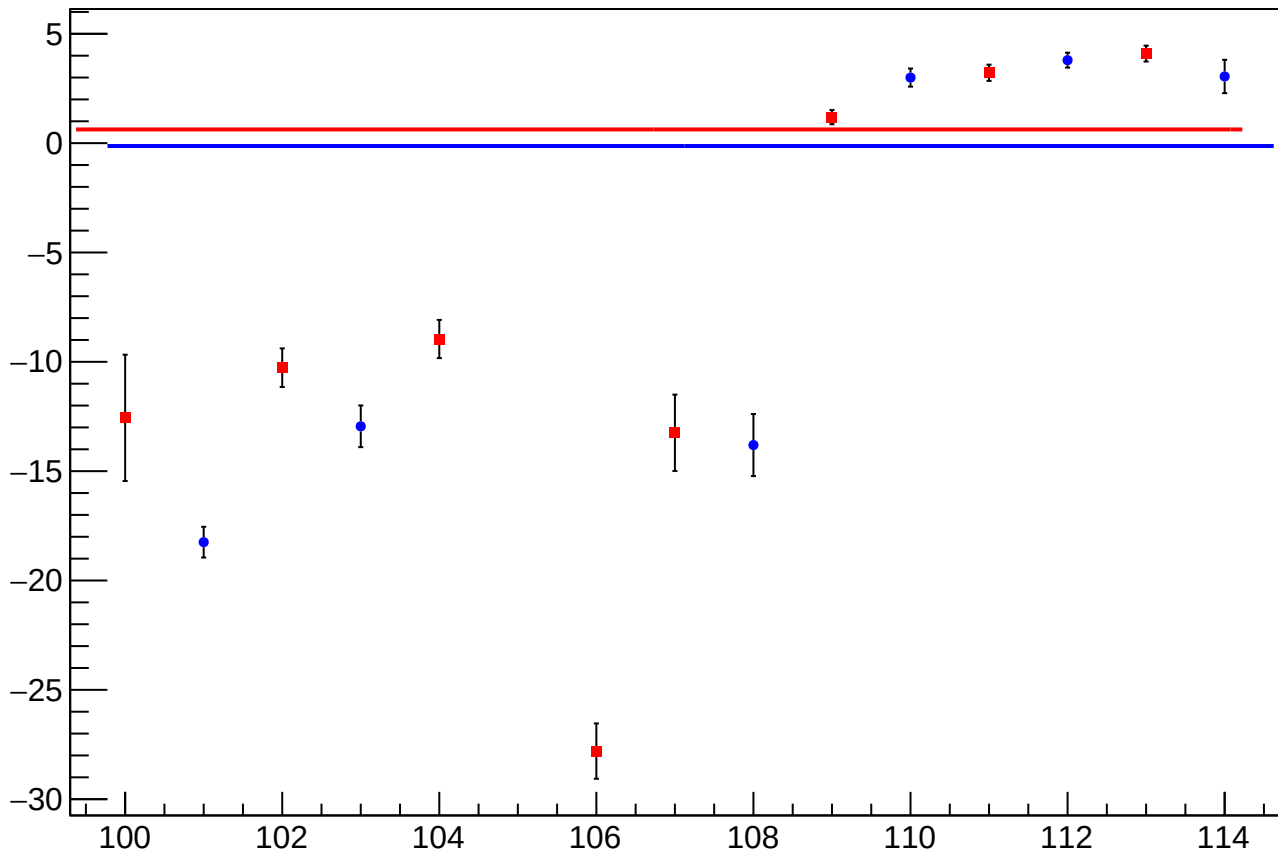
Right: 0.383 $\pm$ 0.018 χ^2 /NDF: 945.6/13

In: 0.520 $\pm$ 0.026 χ^2 /NDF:439.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.383 $\pm$ 0.018 χ^2 /NDF: 945.6/13

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

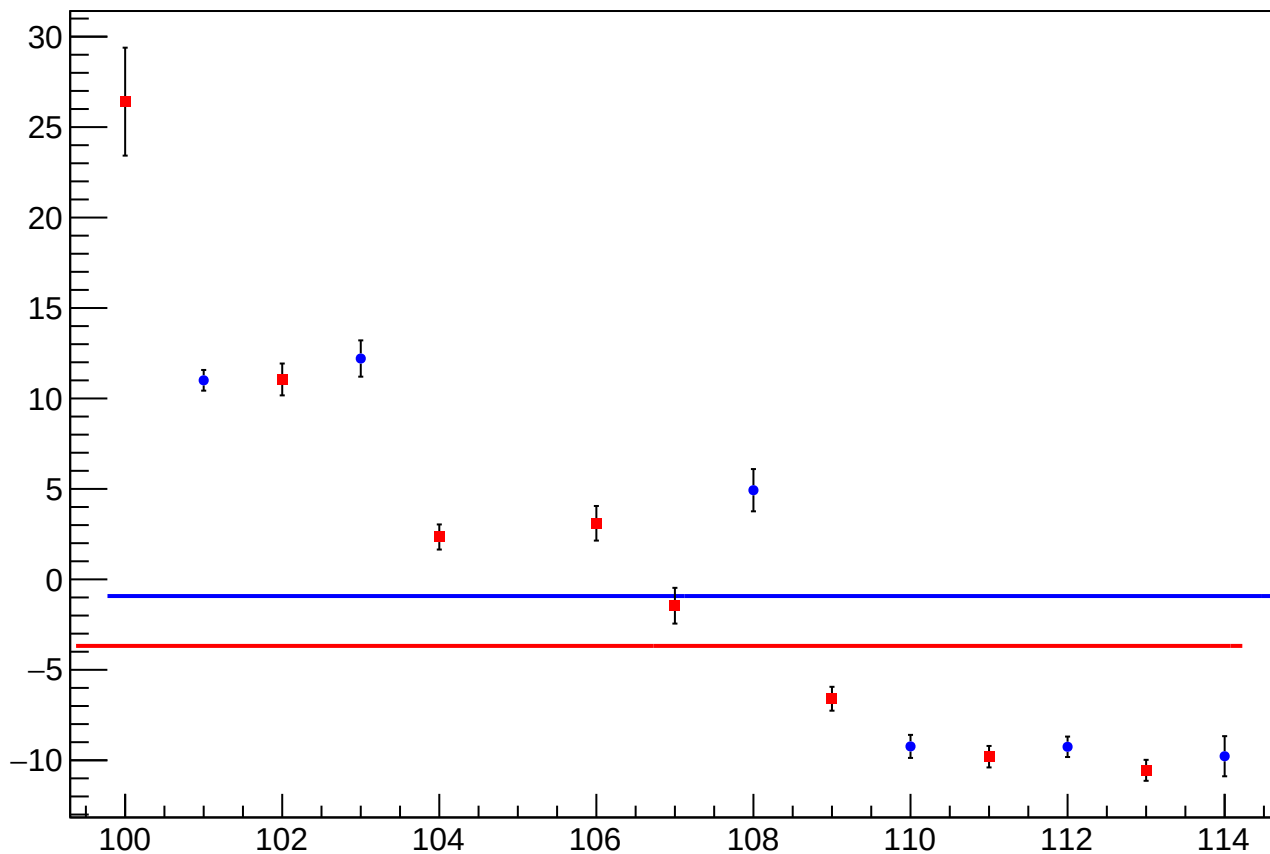
Right: 0.312 ± 0.145 χ^2/NDF : 2154.0/13

In: -0.131 ± 0.225 χ^2/NDF : 1143.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.312 ± 0.145 χ^2/NDF : 2154.0/13

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

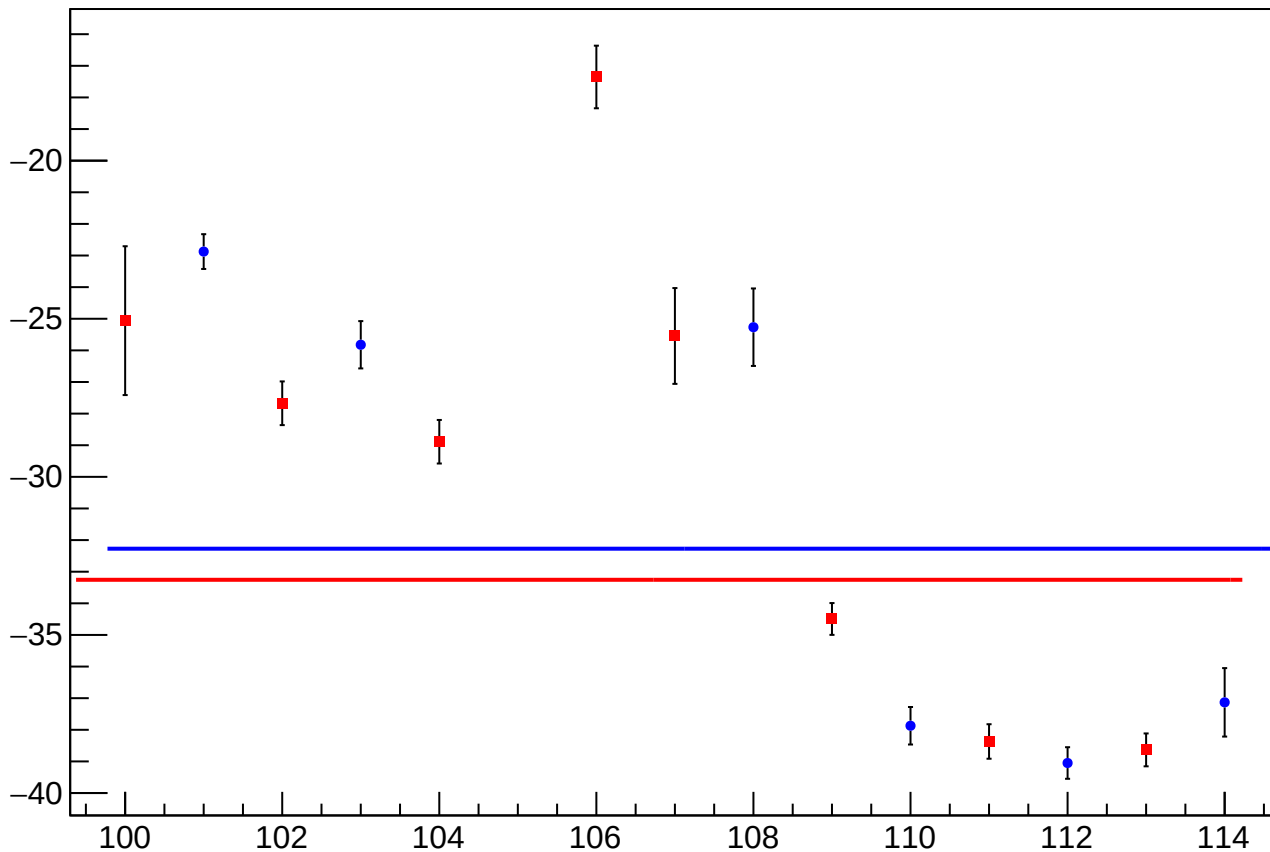
Right: -2.439 ± 0.200 χ^2/NDF : 1909.1/13

In: -0.922 ± 0.299 χ^2/NDF : 1083.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.439 ± 0.200 χ^2/NDF : 1909.1/13

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.272+/-0.273 χ^2/NDF : 692.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.256+/-0.244 χ^2/NDF : 602.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

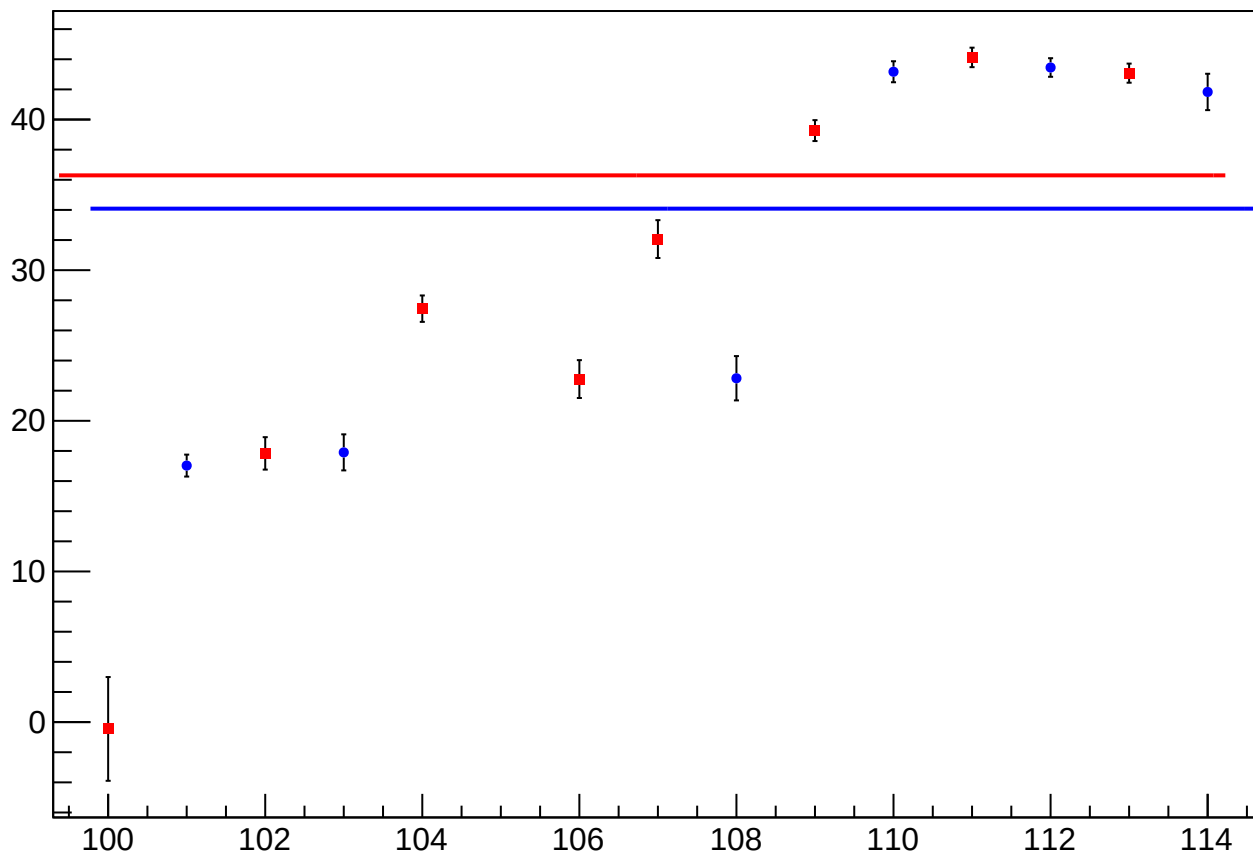
Right: -32.819+/-0.182 χ^2/NDF : 1301.7/13

In: -32.272+/-0.273 χ^2/NDF : 692.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.819+/-0.182 χ^2/NDF : 1301.7/13

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

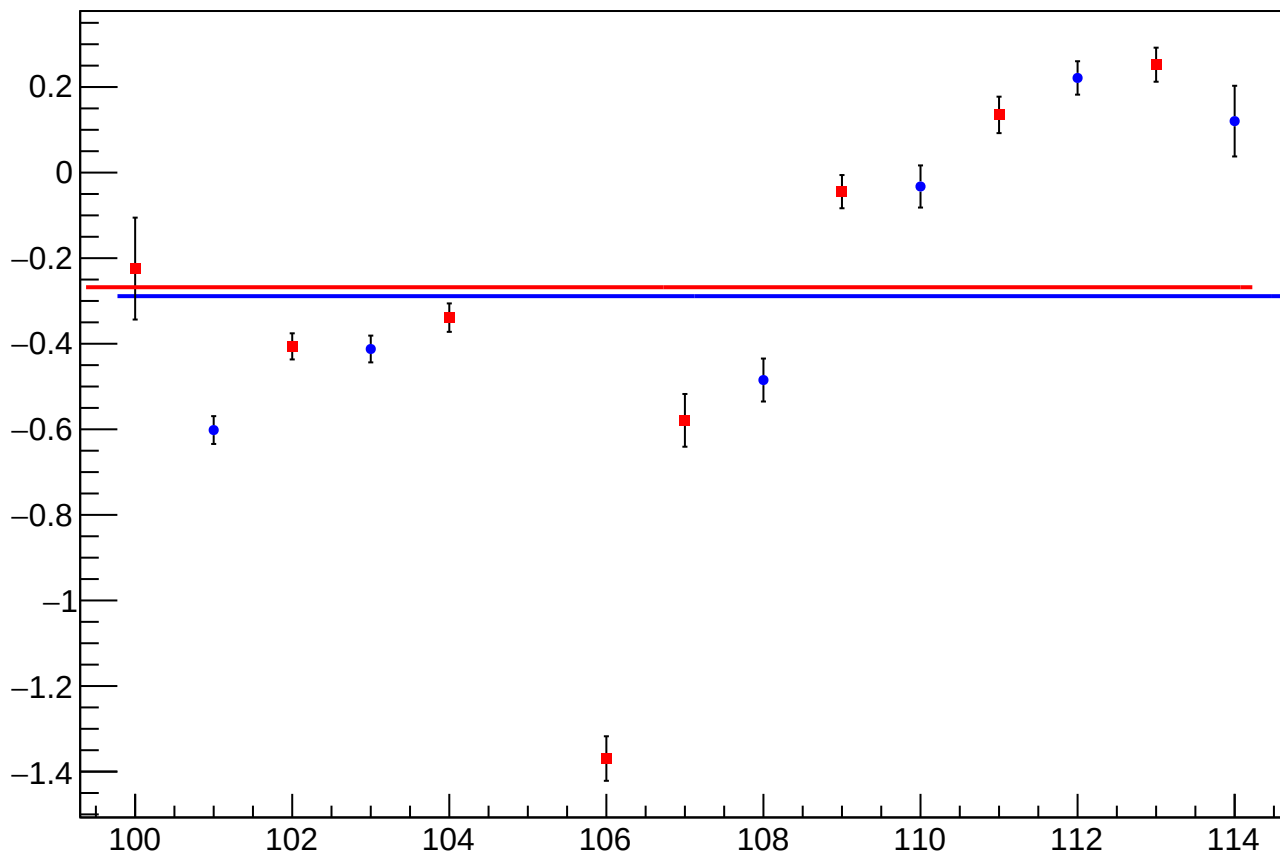
Right: 35.309+/-0.230 χ^2/NDF : 2169.7/13

In: 34.084+/-0.345 χ^2/NDF : 1230.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.309+/-0.230 χ^2/NDF : 2169.7/13

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.289+/-0.017 χ^2/NDF : 345.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.268+/-0.015 χ^2/NDF : 792.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

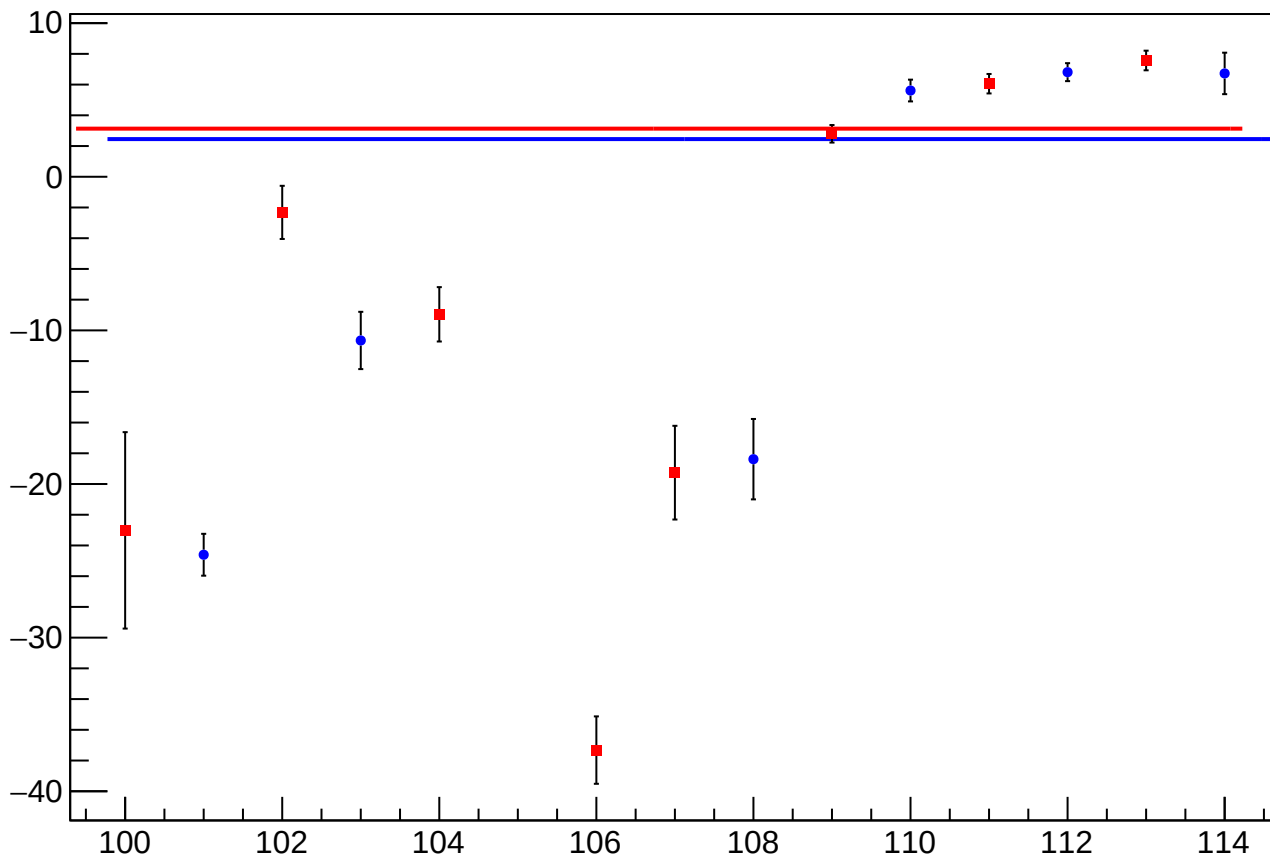
Right: -0.277+/-0.011 χ^2/NDF : 1138.7/13

In: -0.289+/-0.017 χ^2/NDF :345.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.277+/-0.011 χ^2/NDF : 1138.7/13

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.452+/-0.394 χ^2/NDF : 592.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.132+/-0.333 χ^2/NDF : 537.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

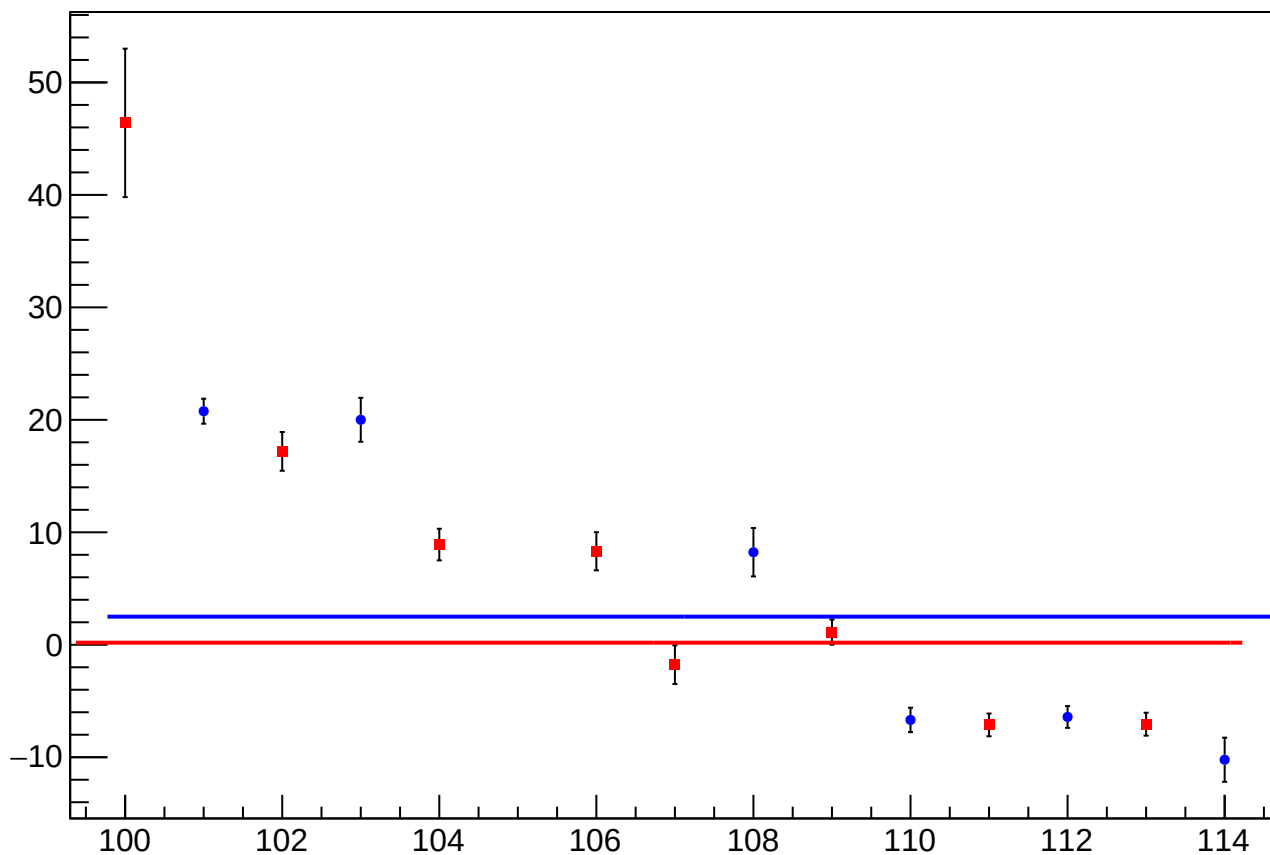
Right: 2.849+/-0.254 χ^2/NDF : 1131.5/13

In: 2.452+/-0.394 χ^2/NDF : 592.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.849+/-0.254 χ^2/NDF : 1131.5/13

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.500+/-0.537 χ^2/NDF : 556.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.186+/-0.483 χ^2/NDF : 312.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

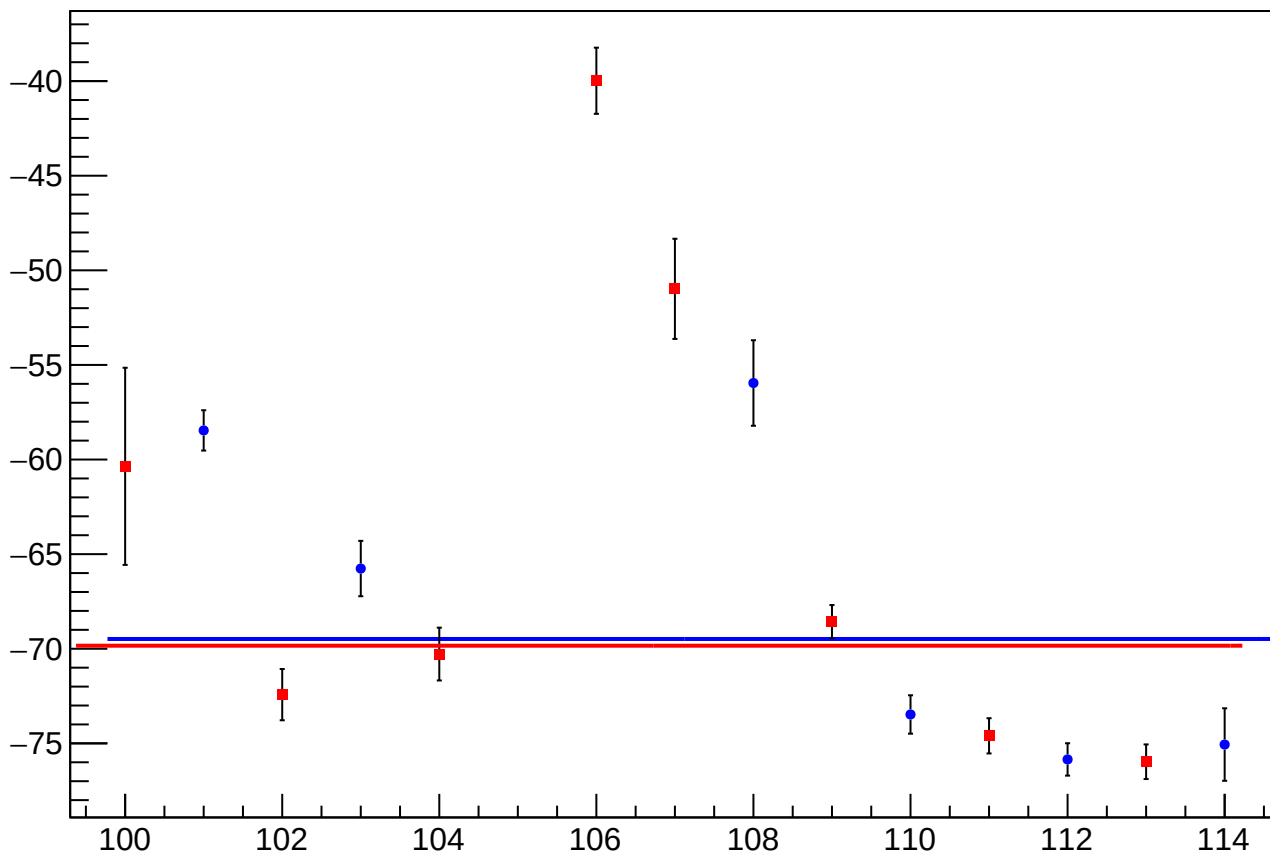
Right: 1.219+/-0.359 χ^2/NDF : 879.2/13

In: 2.500+/-0.537 χ^2/NDF : 556.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.219+/-0.359 χ^2/NDF : 879.2/13

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.483 $\pm$ 0.491 χ^2 /NDF: 228.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.839 $\pm$ 0.438 χ^2 /NDF: 422.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

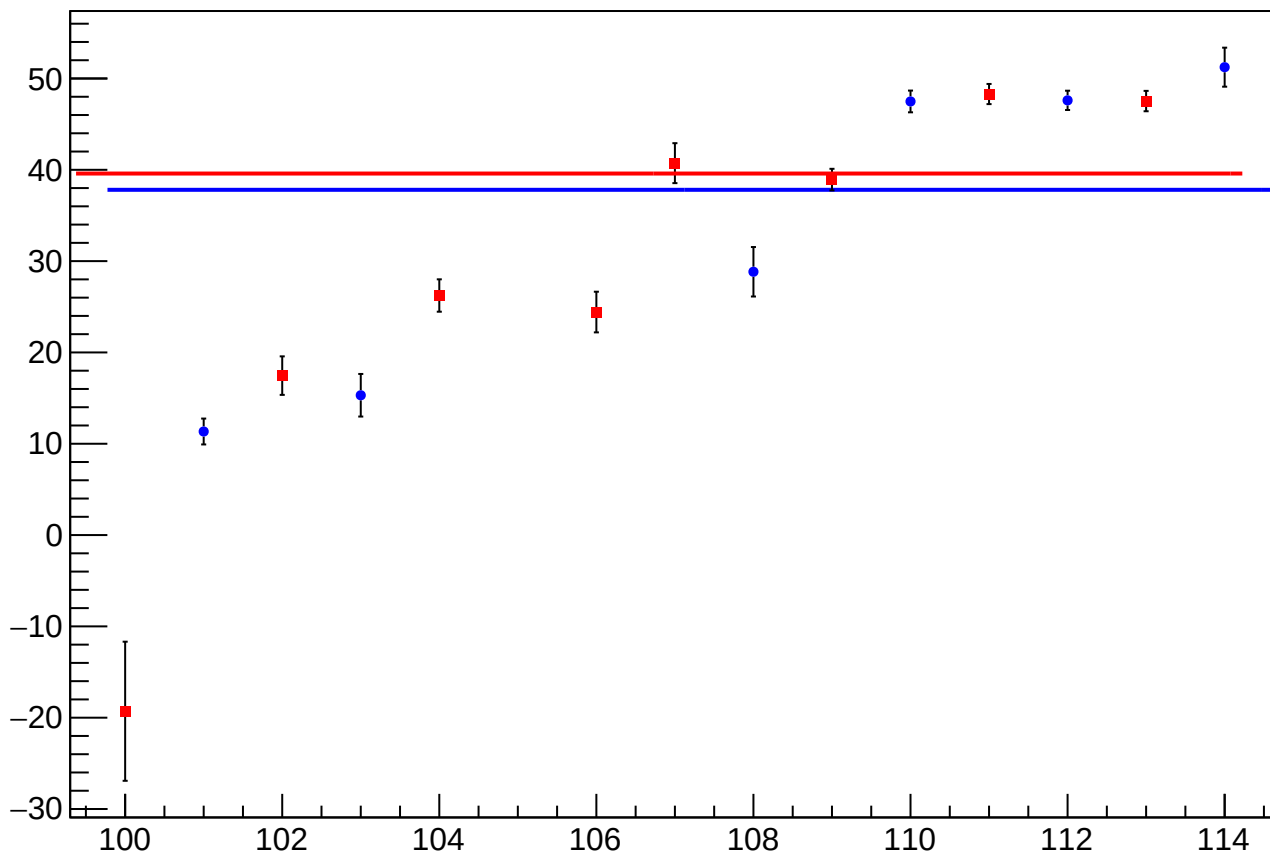
Right: -69.681 $\pm$ 0.327 χ^2 /NDF: 651.4/13

In: -69.483 $\pm$ 0.491 χ^2 /NDF:228.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.681 $\pm$ 0.327 χ^2 /NDF: 651.4/13

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

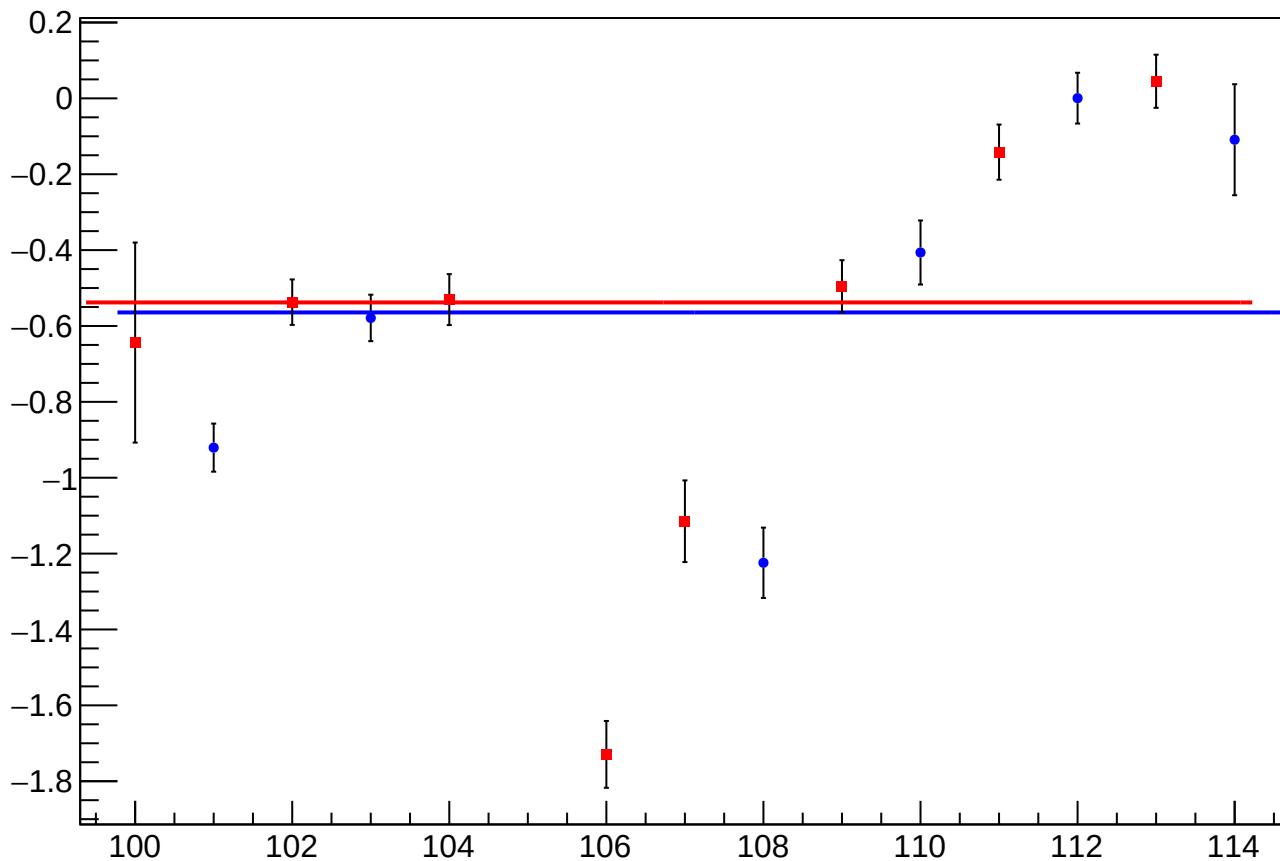
Right: 38.801 $\pm$ 0.410 χ^2 /NDF: 1035.6/13

In: 37.810 $\pm$ 0.616 χ^2 /NDF:644.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.801 $\pm$ 0.410 χ^2 /NDF: 1035.6/13

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

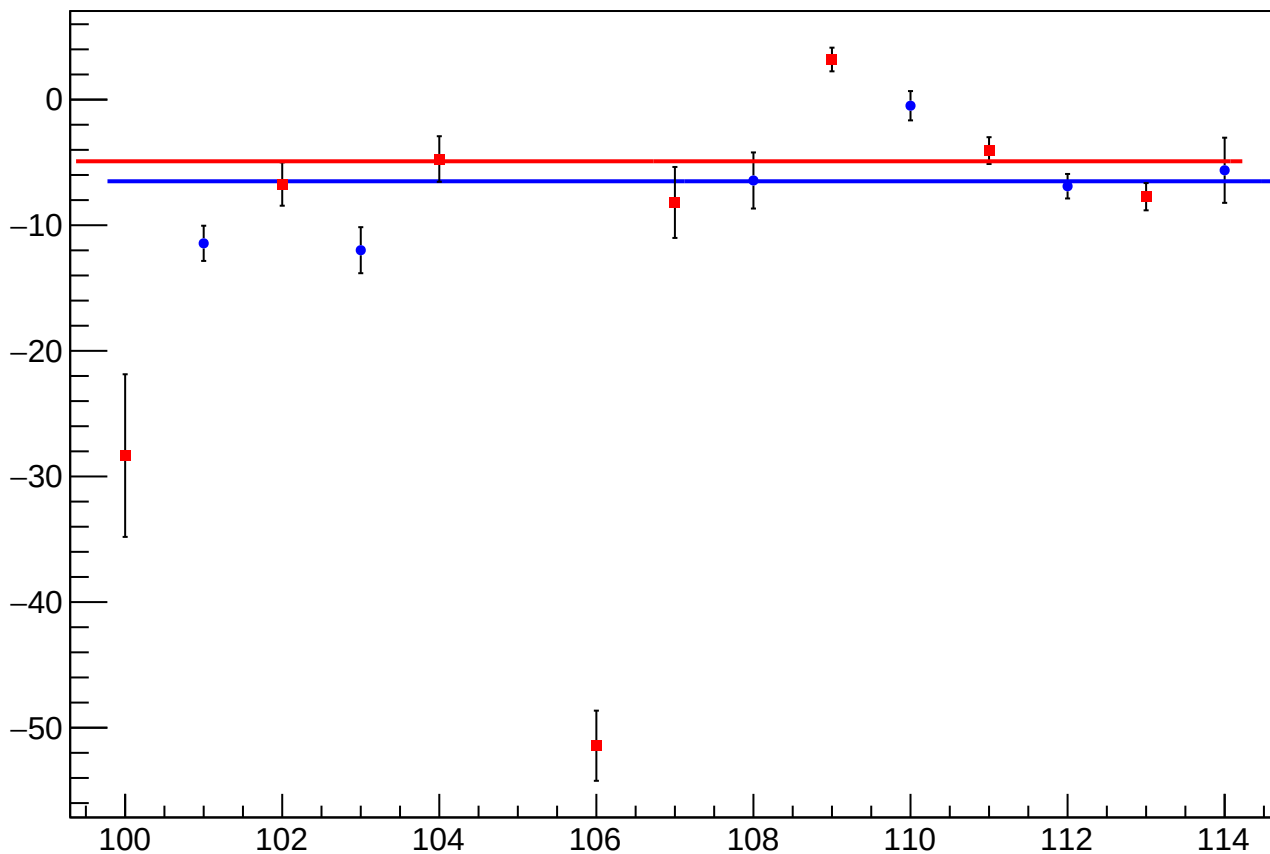
Right: -0.550+/-0.021 χ^2/NDF : 478.4/13

In: -0.564+/-0.031 χ^2/NDF : 166.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.550+/-0.021 χ^2/NDF : 478.4/13

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.501 ± 0.583 $\chi^2/\text{NDF}: 48.3/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.909 ± 0.515 $\chi^2/\text{NDF}: 374.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

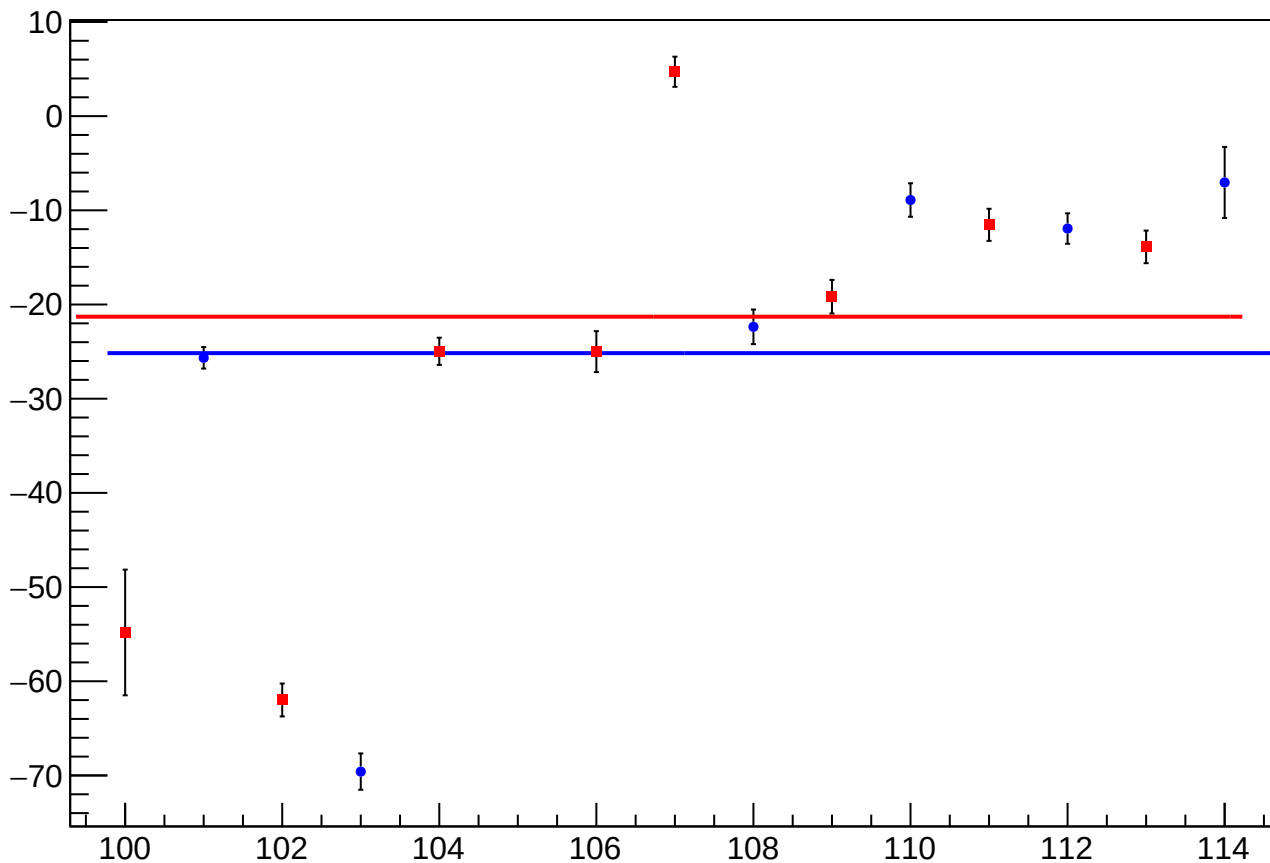
Right: -5.606 ± 0.386 $\chi^2/\text{NDF}: 427.1/13$

In: -6.501 ± 0.583 $\chi^2/\text{NDF}: 48.3/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.606 ± 0.386 $\chi^2/\text{NDF}: 427.1/13$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.164 $\pm$ 0.690 χ^2 /NDF: 705.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.293 $\pm$ 0.642 χ^2 /NDF: 894.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

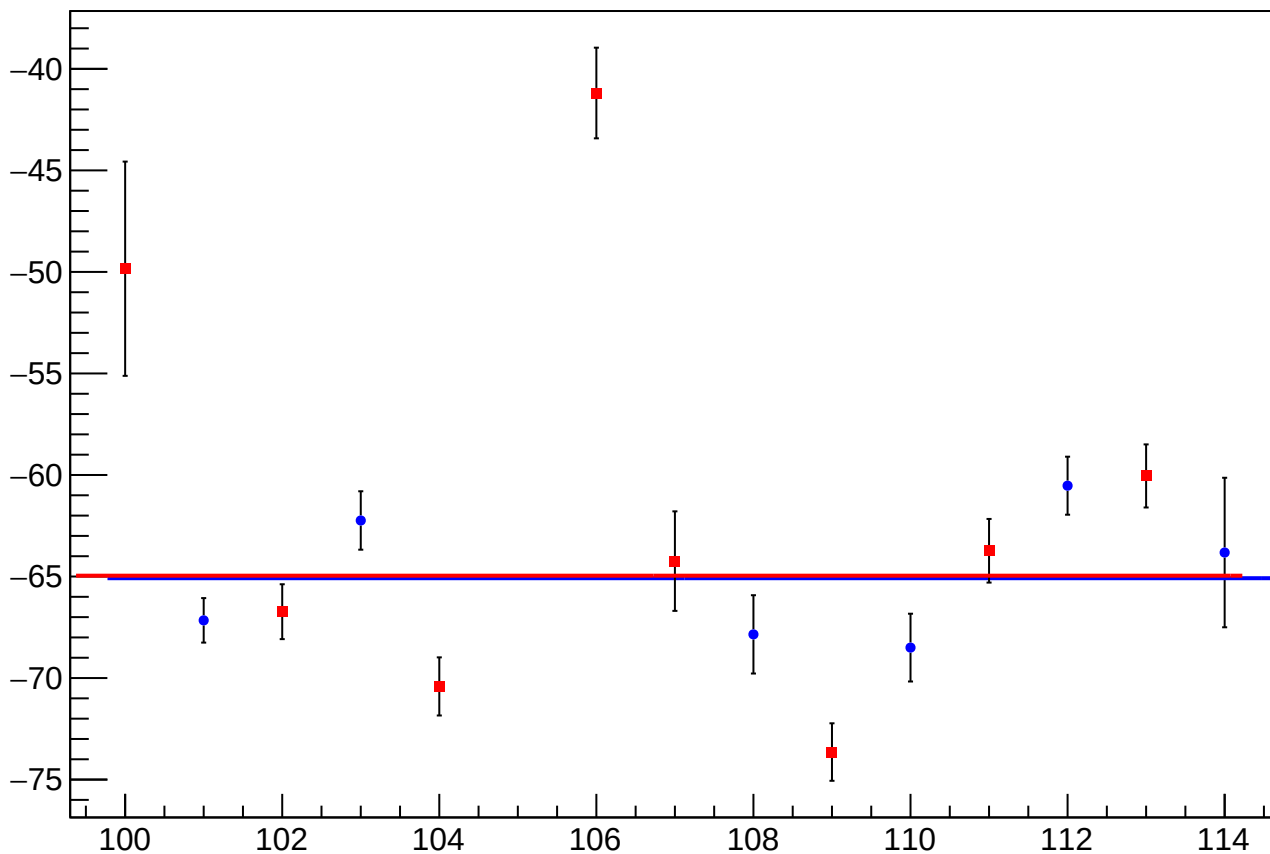
Right: -23.091 $\pm$ 0.470 χ^2 /NDF: 1617.4/13

In: -25.164 $\pm$ 0.690 χ^2 /NDF:705.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.091 $\pm$ 0.470 χ^2 /NDF: 1617.4/13

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

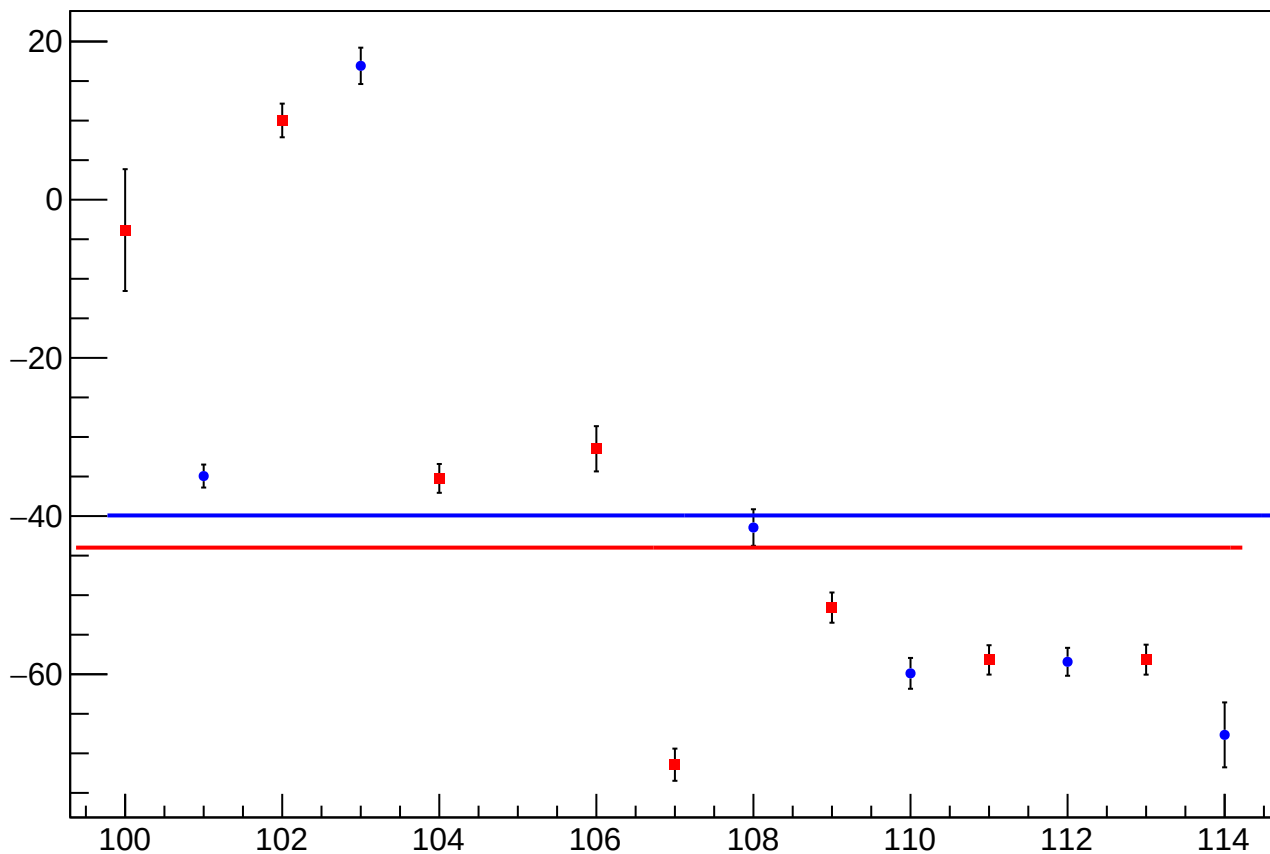
Right: -65.018+/-0.436 χ^2/NDF : 210.2/13

In: -65.083+/-0.632 χ^2/NDF : 24.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.018+/-0.436 χ^2/NDF : 210.2/13

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

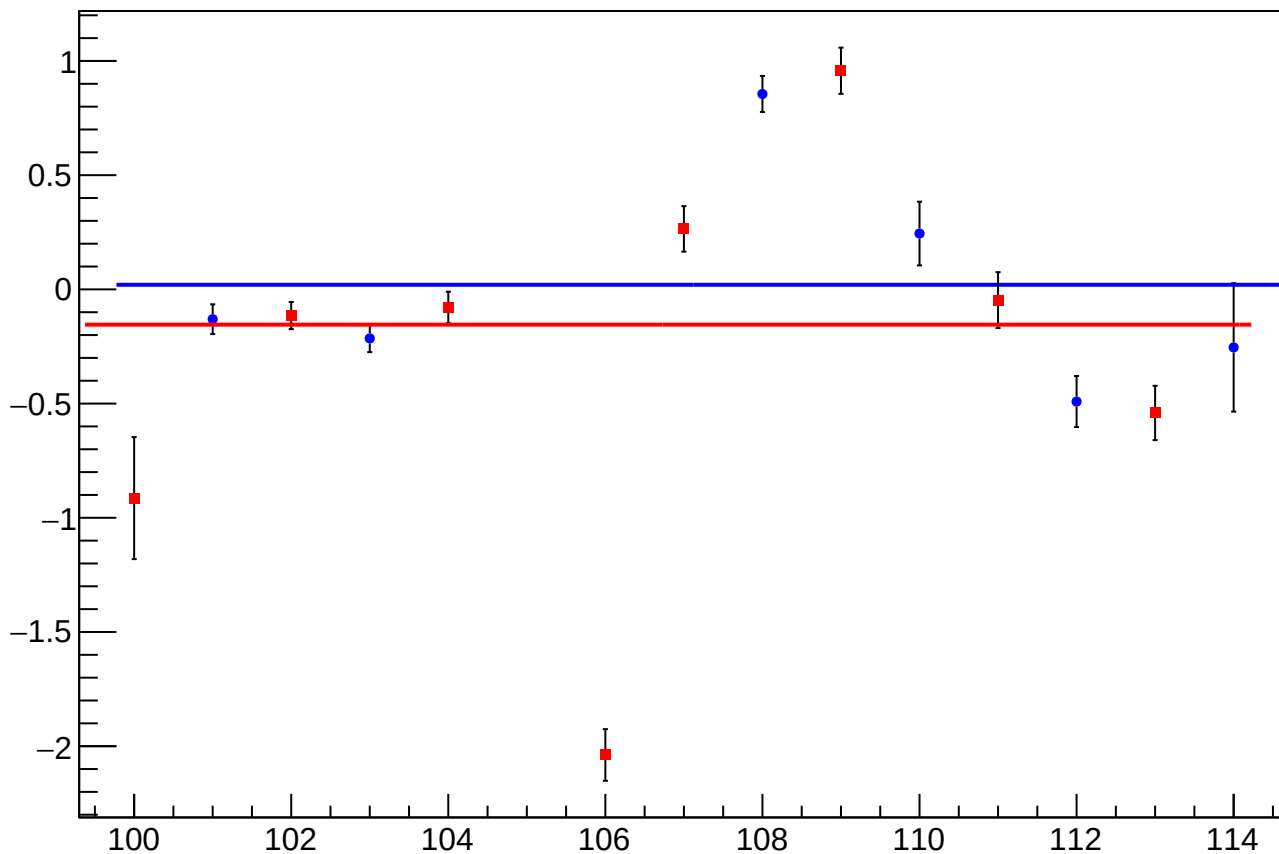
Right: -42.113 ± 0.556 χ^2/NDF : 1923.4/13

In: -39.921 ± 0.818 χ^2/NDF : 884.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.113 ± 0.556 χ^2/NDF : 1923.4/13

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 156.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.154+/-0.033 χ^2/NDF : 437.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

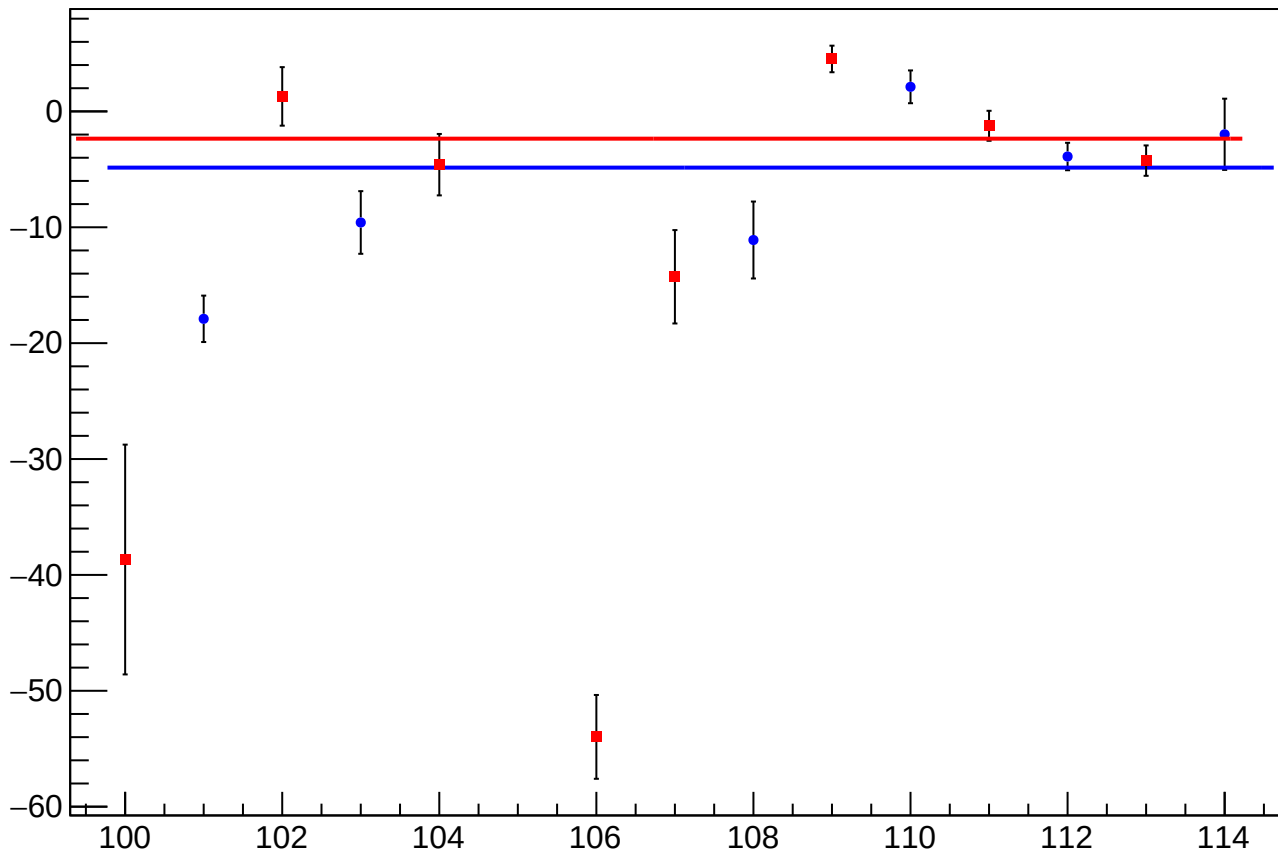
Right: -0.072+/-0.024 χ^2/NDF : 607.2/13

In: 0.020+/-0.035 χ^2/NDF : 156.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.072+/-0.024 χ^2/NDF : 607.2/13

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

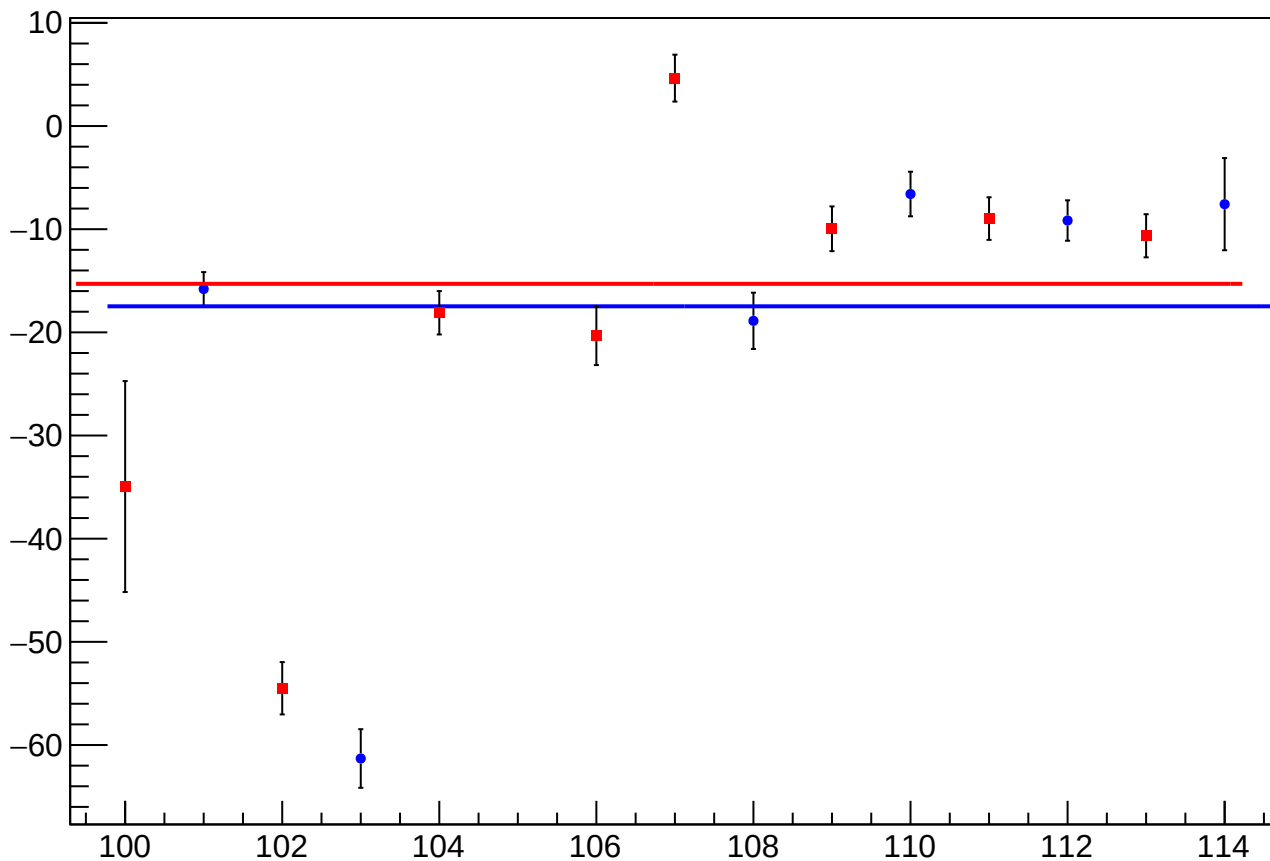
Right: -3.426+/-0.489 χ^2/NDF : 348.7/13

In: -4.852+/-0.746 χ^2/NDF : 74.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.426+/-0.489 χ^2/NDF : 348.7/13

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

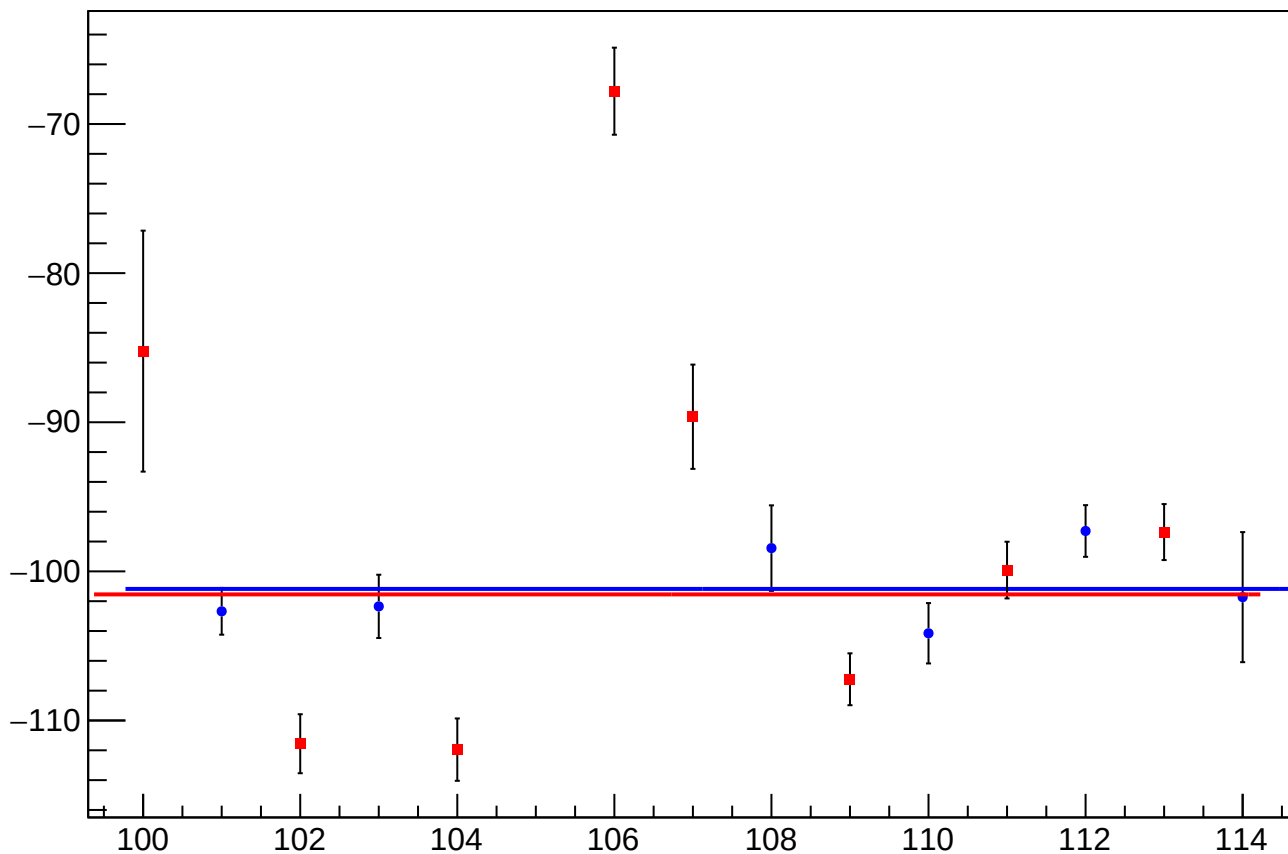
Right: -16.287 ± 0.627 χ^2/NDF : 635.6/13

In: -17.475 ± 0.930 χ^2/NDF : 287.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.287 ± 0.627 χ^2/NDF : 635.6/13

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

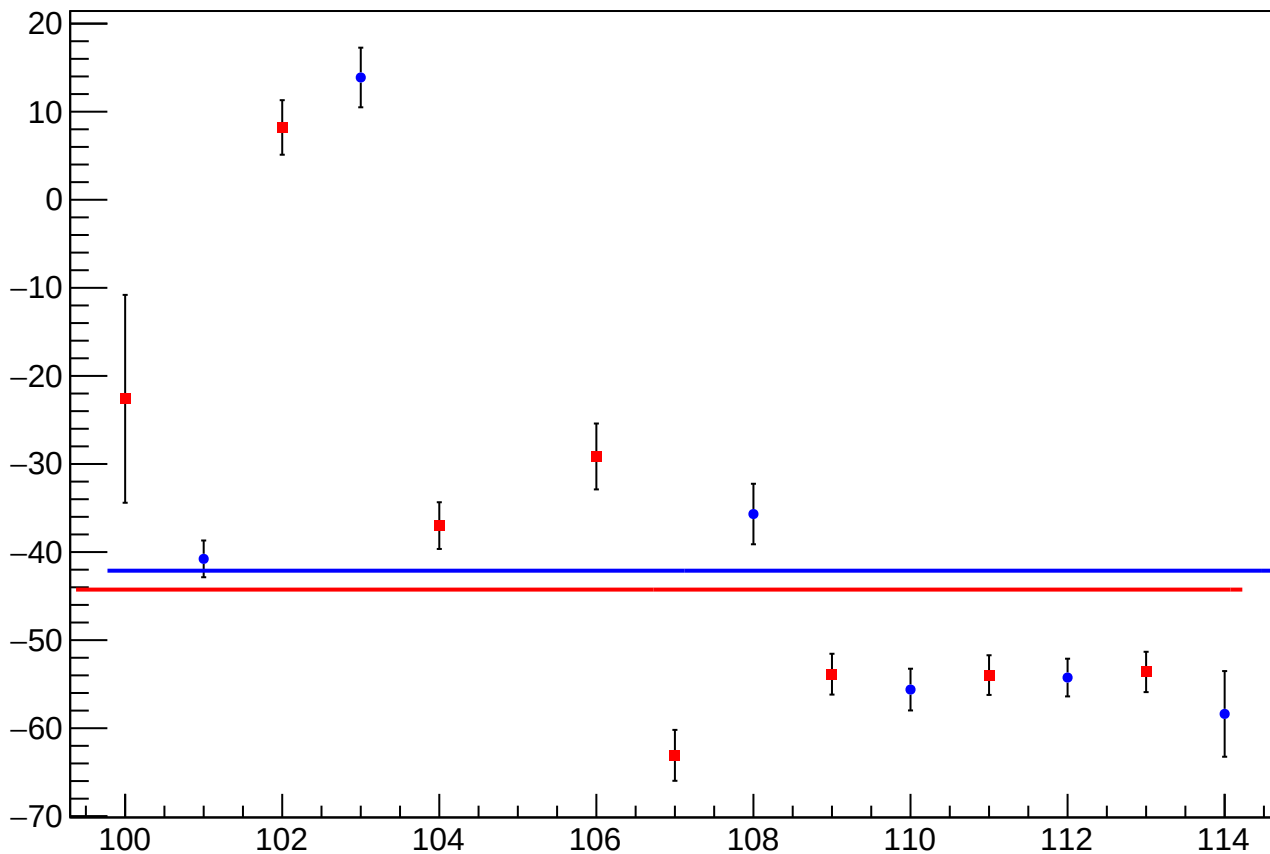
Right: -101.374+/-0.580 χ^2/NDF : 225.6/13

In: -101.177+/-0.851 χ^2/NDF : 9.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.374+/-0.580 χ^2/NDF : 225.6/13

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

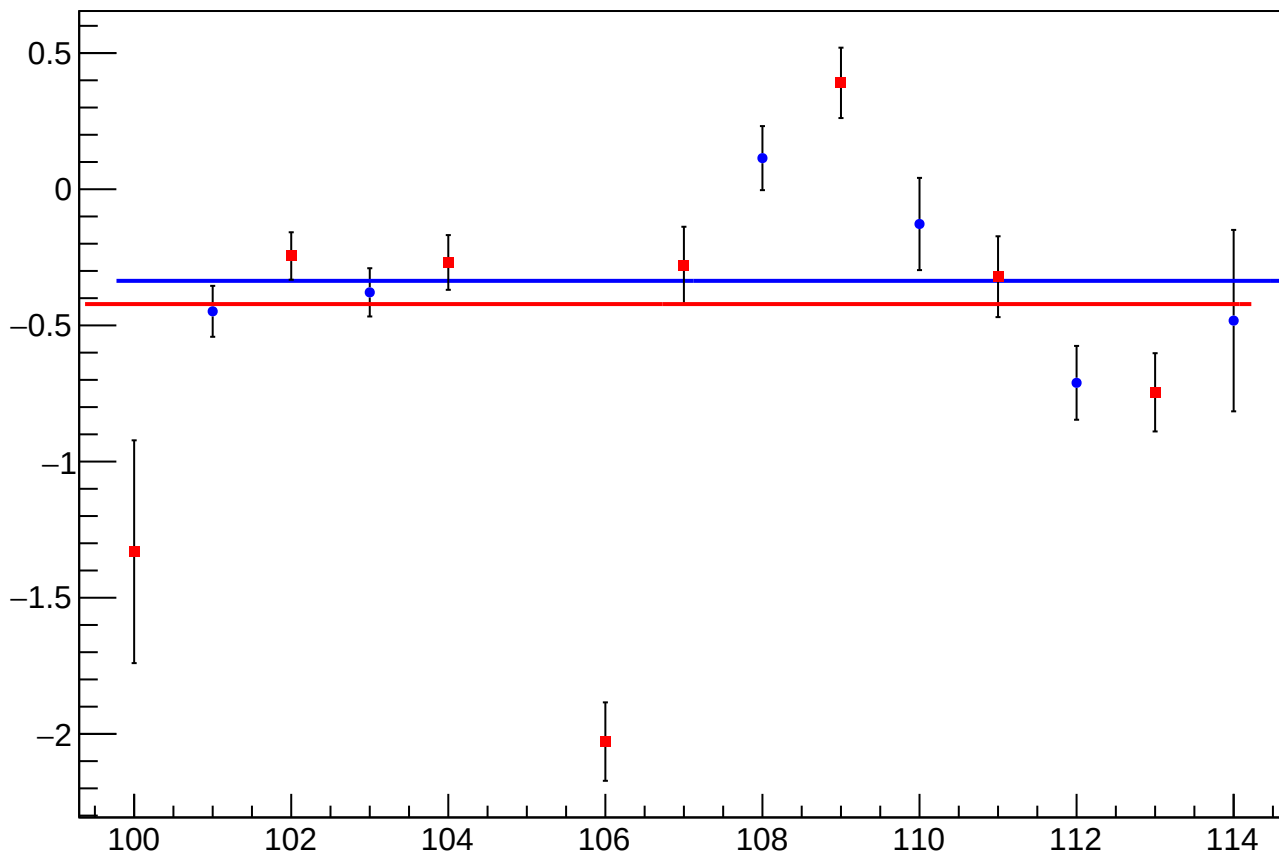
Right: -43.291 $\pm$ 0.733 χ^2 /NDF: 764.6/13

In: -42.115 $\pm$ 1.091 χ^2 /NDF:353.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.291 $\pm$ 0.733 χ^2 /NDF: 764.6/13

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.336 ± 0.049 χ^2/NDF : 25.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.422 ± 0.045 χ^2/NDF : 181.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

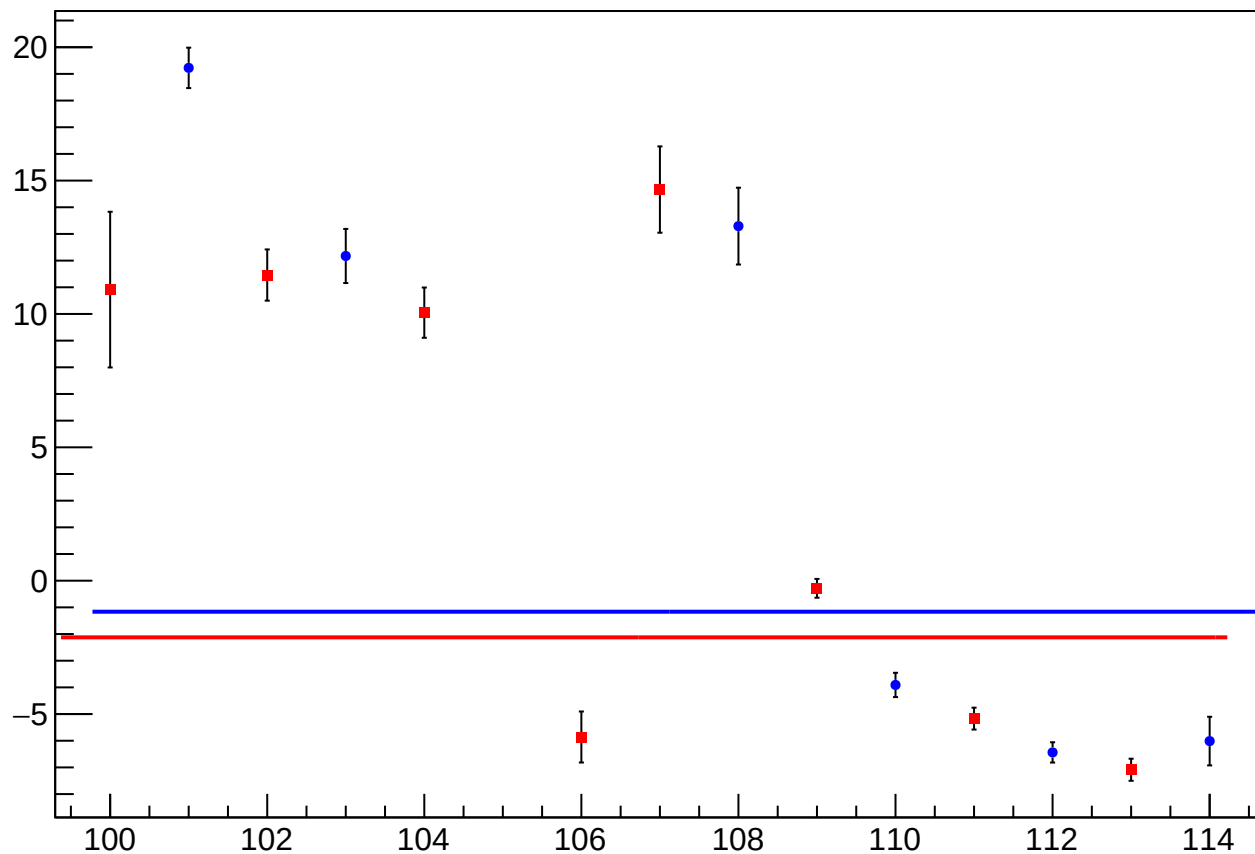
Right: -0.383 ± 0.033 χ^2/NDF : 209.2/13

In: -0.336 ± 0.049 χ^2/NDF : 25.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.383 ± 0.033 χ^2/NDF : 209.2/13

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.163 ± 0.249 χ^2/NDF : 1255.0/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.124 ± 0.206 χ^2/NDF : 735.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

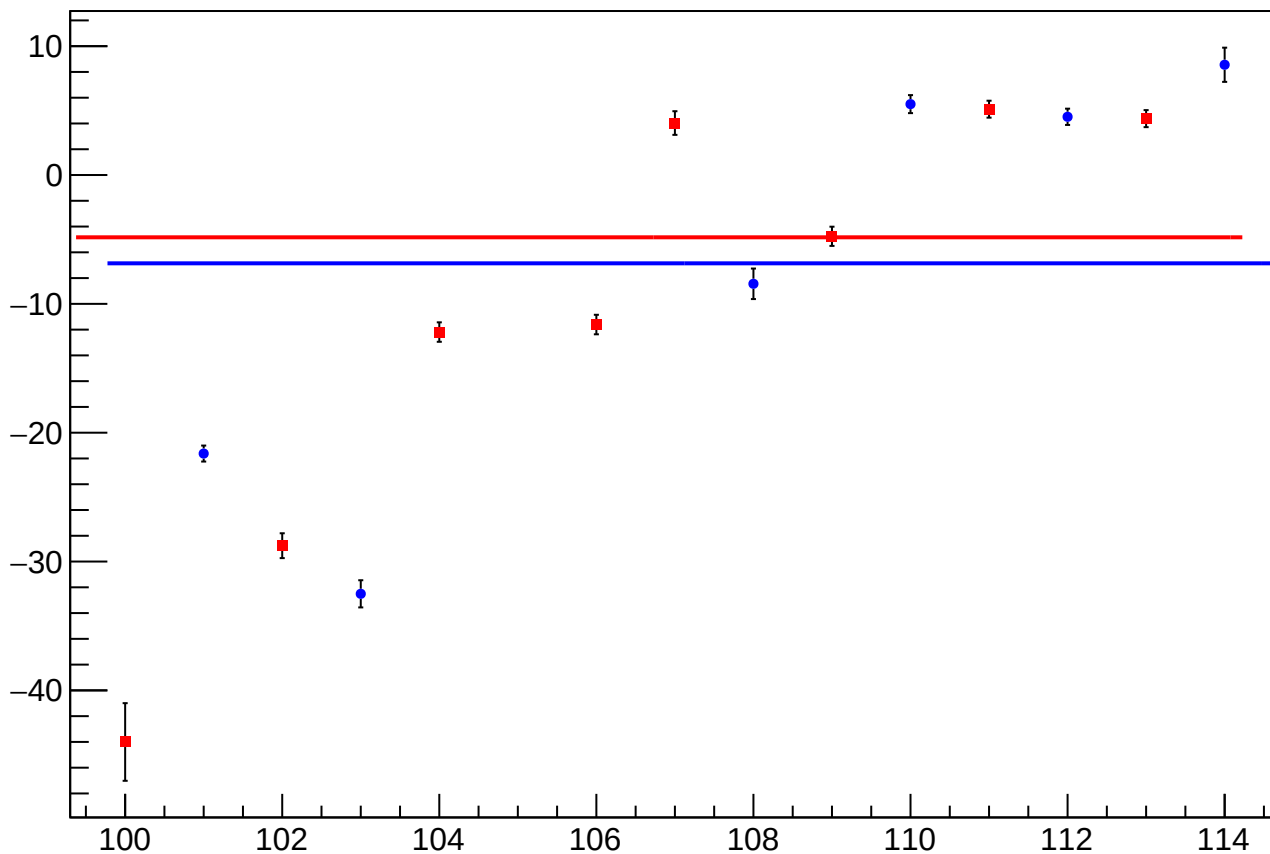
Right: -1.734 ± 0.159 χ^2/NDF : 1999.8/13

In: -1.163 ± 0.249 χ^2/NDF : 1255.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.734 ± 0.159 χ^2/NDF : 1999.8/13

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

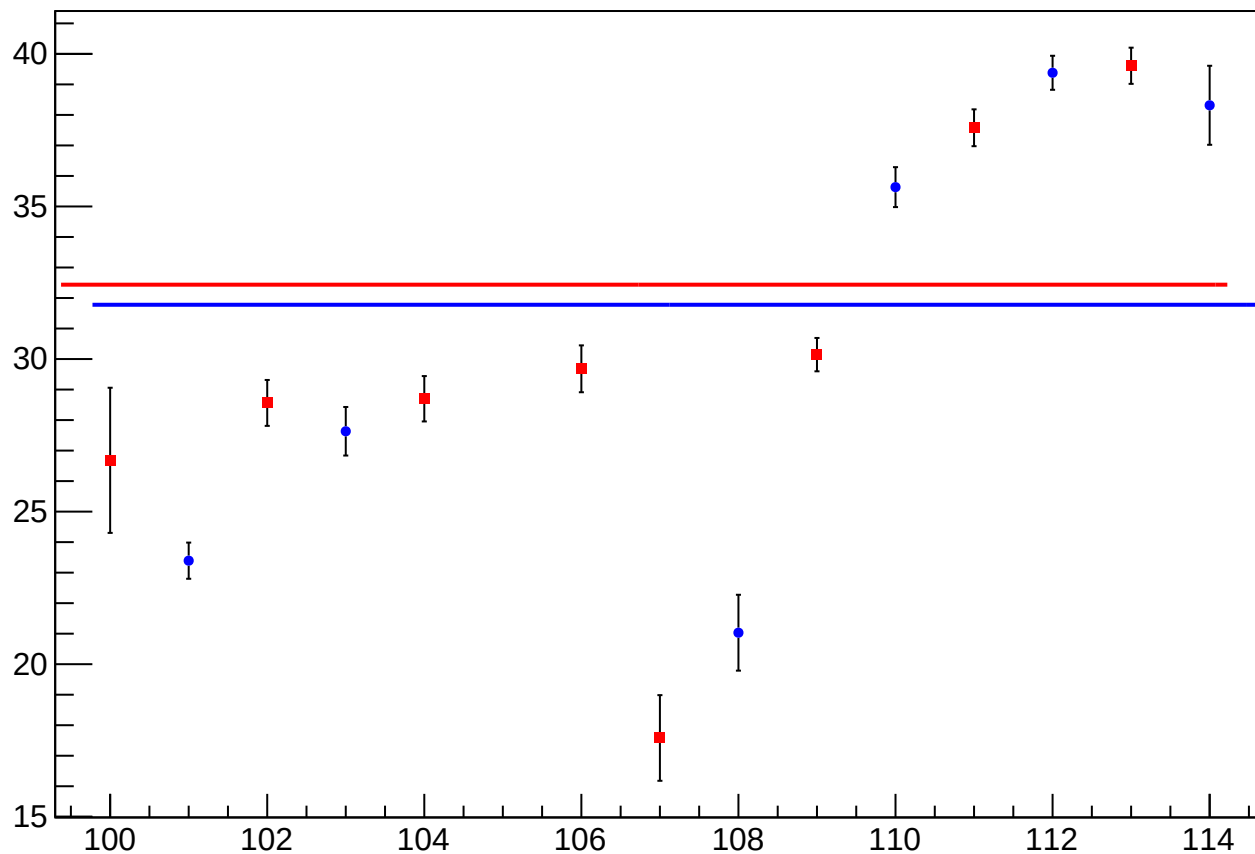
Right: -5.707+/-0.215 χ^2 /NDF: 3428.7/13

In: -6.854+/-0.327 χ^2 /NDF:1930.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.707+/-0.215 χ^2 /NDF: 3428.7/13

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

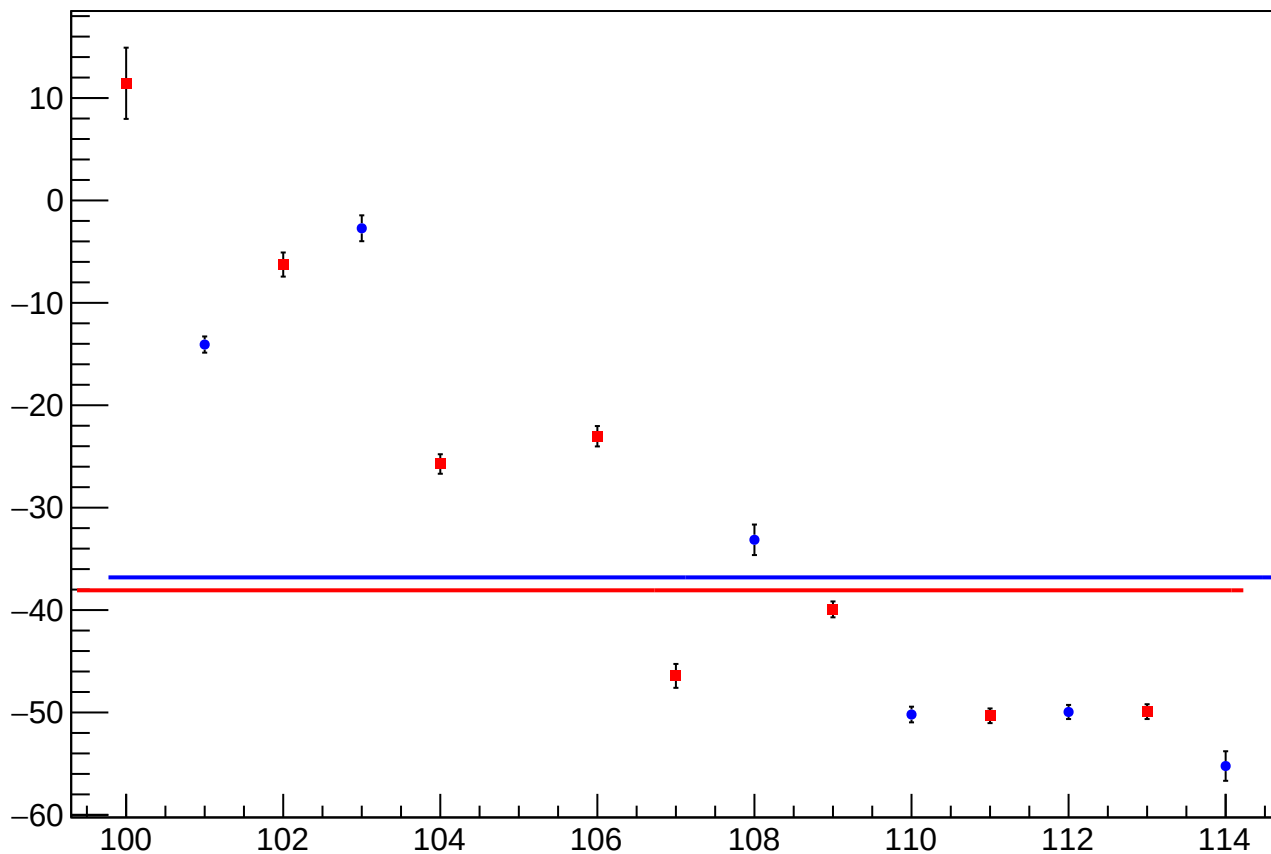
Right: 32.154 $\pm$ 0.196 χ^2 /NDF: 970.1/13

In: 31.779 $\pm$ 0.299 χ^2 /NDF: 548.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.154 $\pm$ 0.196 χ^2 /NDF: 970.1/13

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

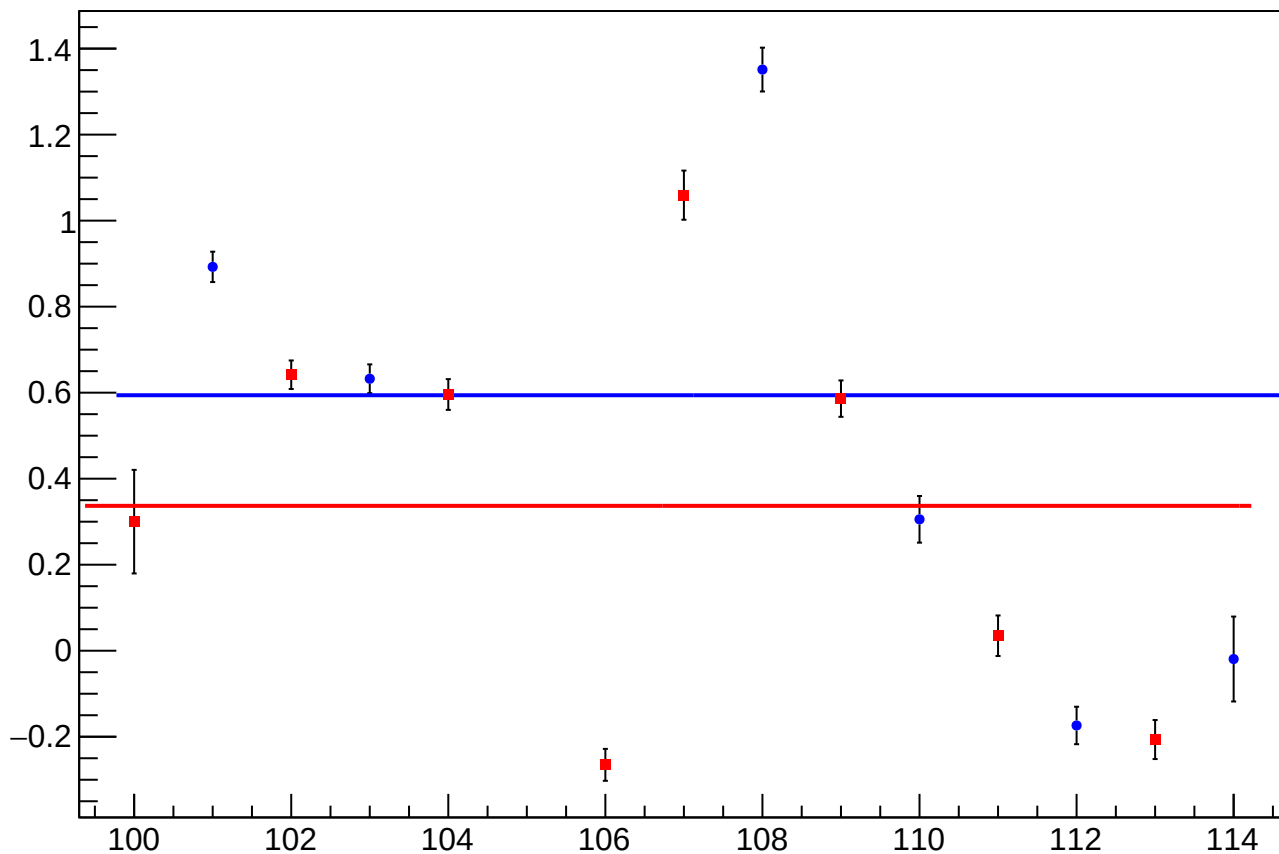
Right: -37.526 ± 0.249 χ^2/NDF : 4346.5/13

In: -36.808 ± 0.379 χ^2/NDF : 2393.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.526 ± 0.249 χ^2/NDF : 4346.5/13

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

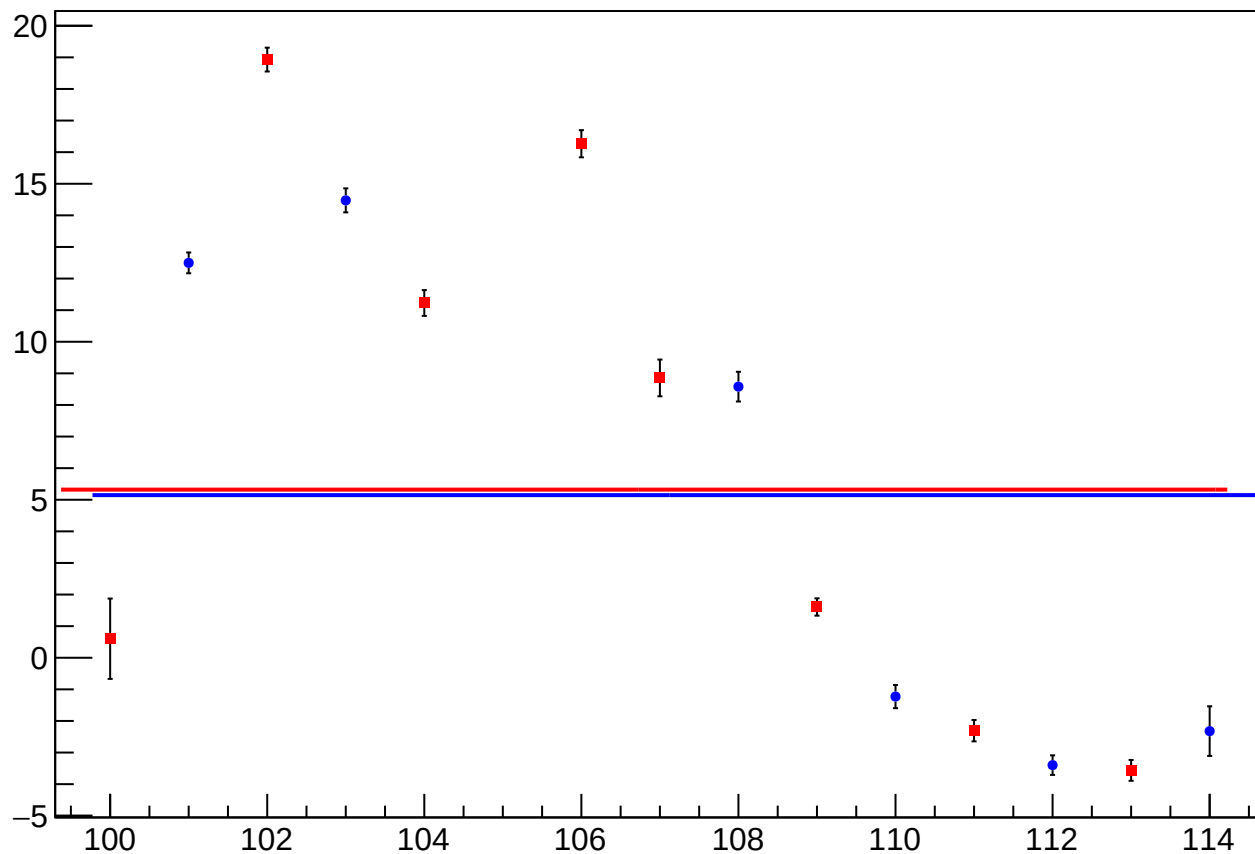
Right: 0.444 $\pm$ 0.012 χ^2 /NDF: 1568.4/13

In: 0.594 $\pm$ 0.018 χ^2 /NDF:671.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.444 $\pm$ 0.012 χ^2 /NDF: 1568.4/13

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.147 $\pm$ 0.158 χ^2 /NDF: 2306.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.321 $\pm$ 0.137 χ^2 /NDF: 3630.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

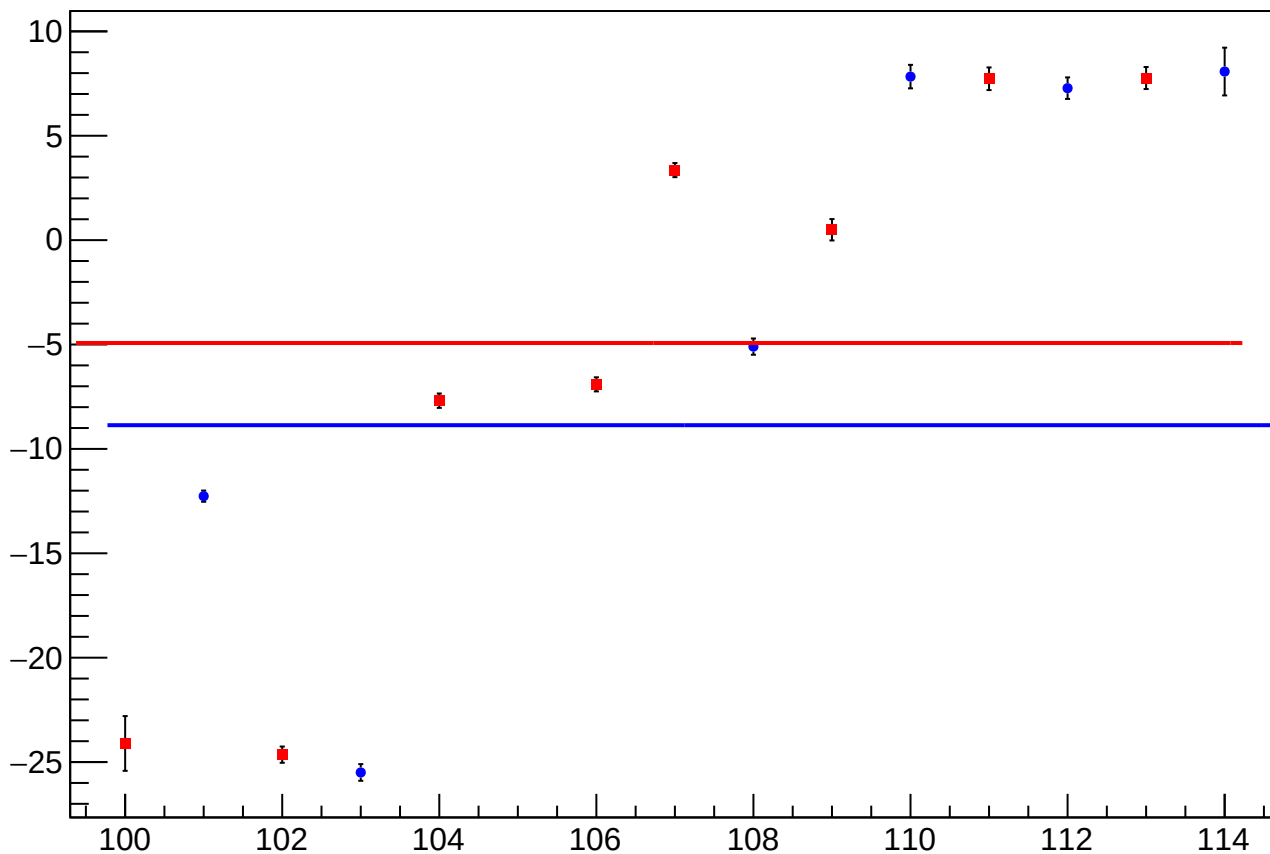
Right: 5.246 $\pm$ 0.103 χ^2 /NDF: 5936.9/13

In: 5.147 $\pm$ 0.158 χ^2 /NDF:2306.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.246 $\pm$ 0.103 χ^2 /NDF: 5936.9/13

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

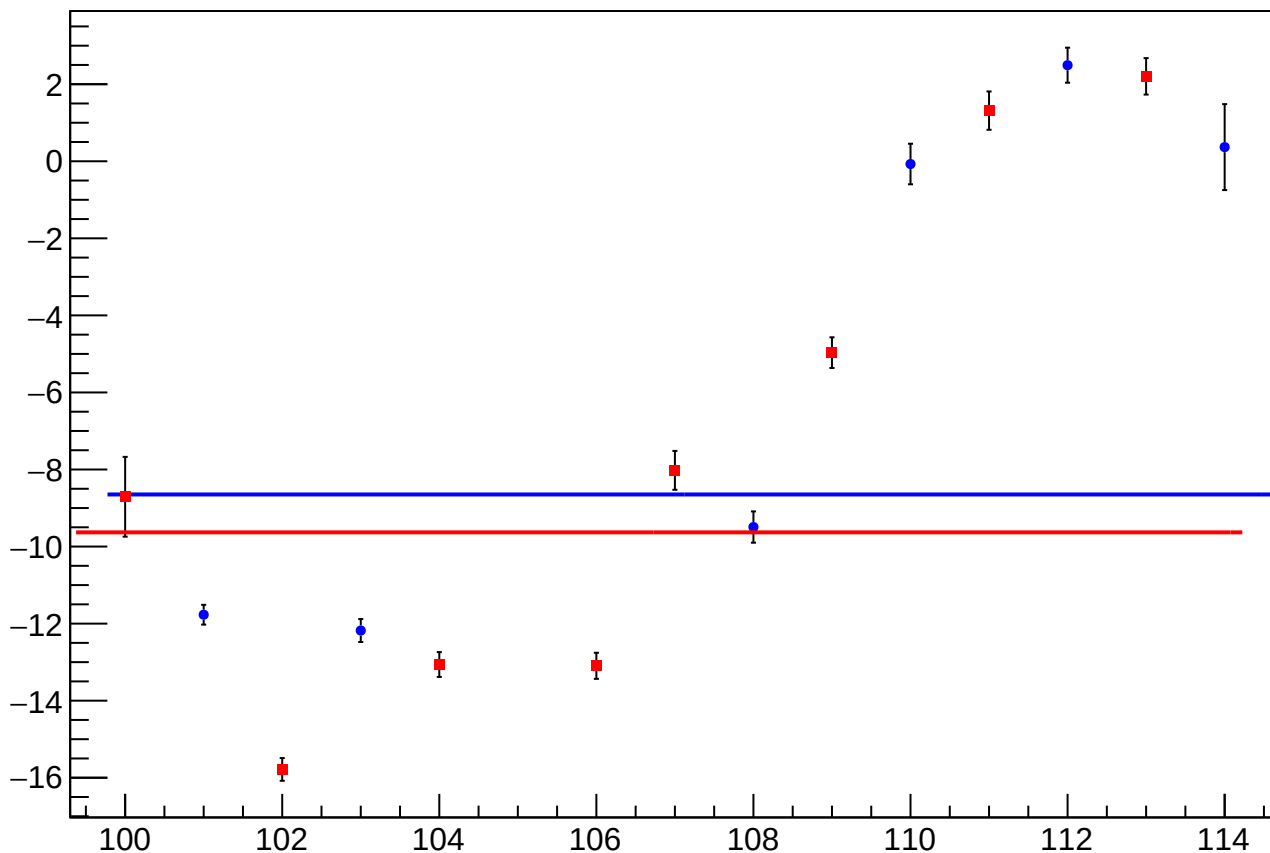
Right: -6.657+/-0.113 χ^2/NDF : 9077.8/13

In: -8.864+/-0.170 χ^2/NDF :4068.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.657+/-0.113 χ^2/NDF : 9077.8/13

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.648+/-0.155 χ^2/NDF : 1223.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.631+/-0.142 χ^2/NDF : 1910.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

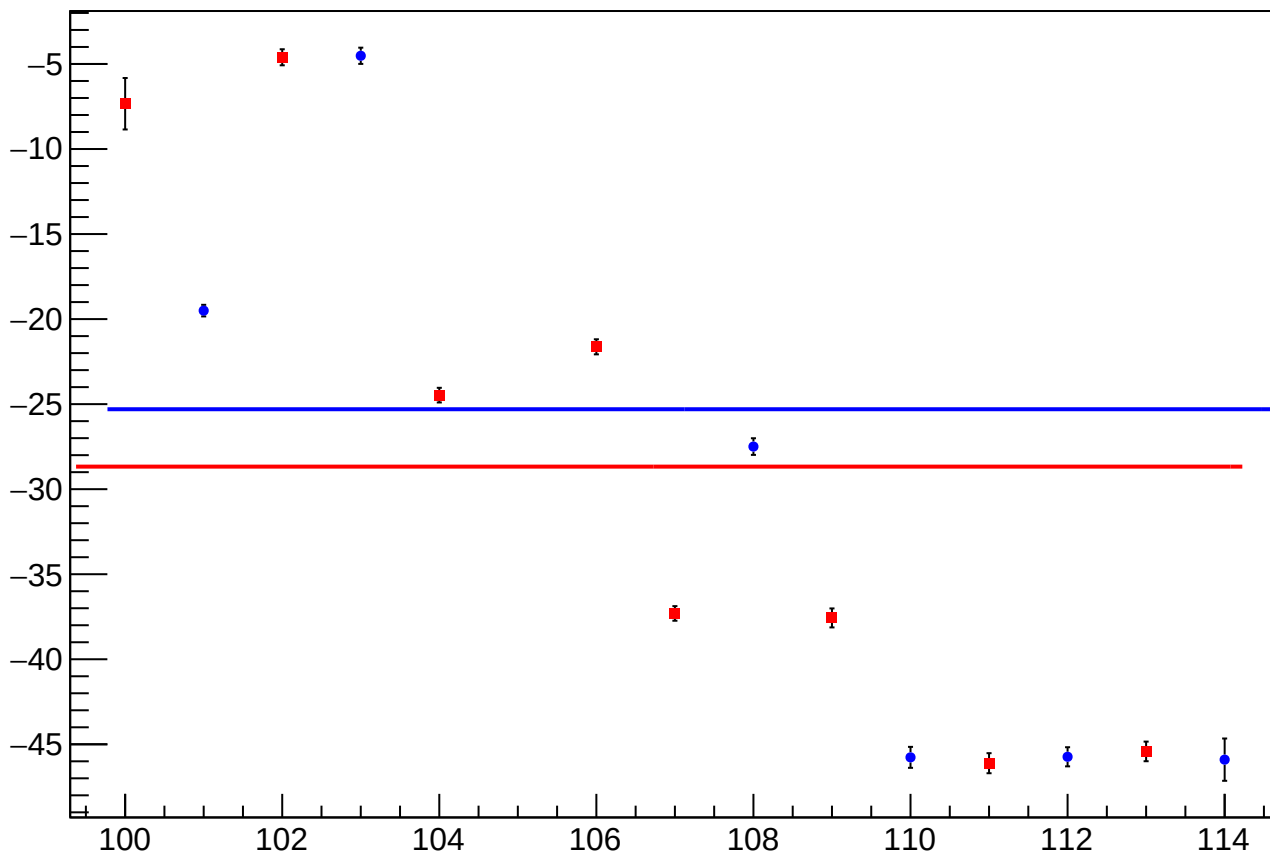
Right: -9.182+/-0.105 χ^2/NDF : 3156.7/13

In: -8.648+/-0.155 χ^2/NDF :1223.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -9.182+/-0.105 χ^2/NDF : 3156.7/13

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

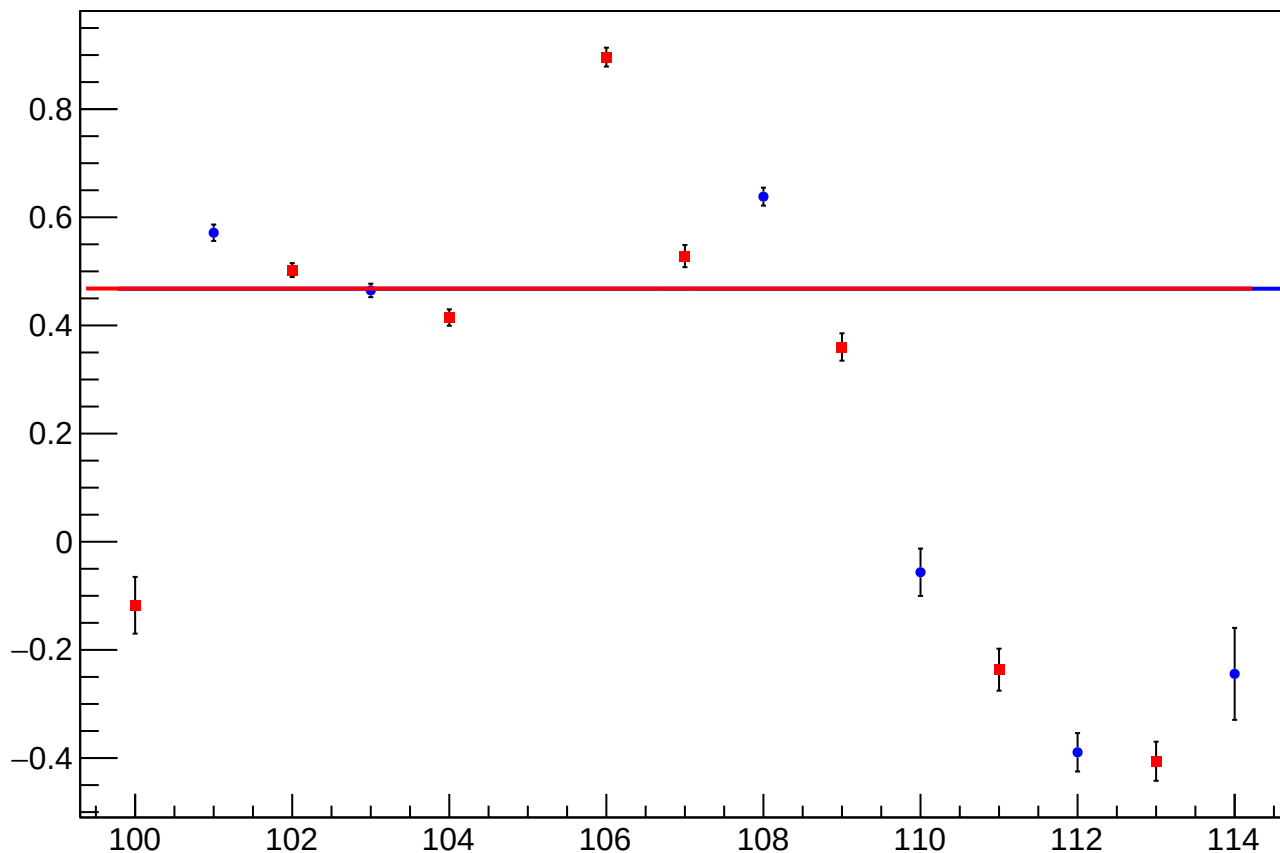
Right: -27.186+/-0.137 χ^2/NDF : 10576.0/13

In: -25.300+/-0.206 χ^2/NDF : 4903.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.186+/-0.137 χ^2/NDF : 10576.0/13

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.468+/-0.008 χ^2/NDF : 948.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.468+/-0.007 χ^2/NDF : 1686.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

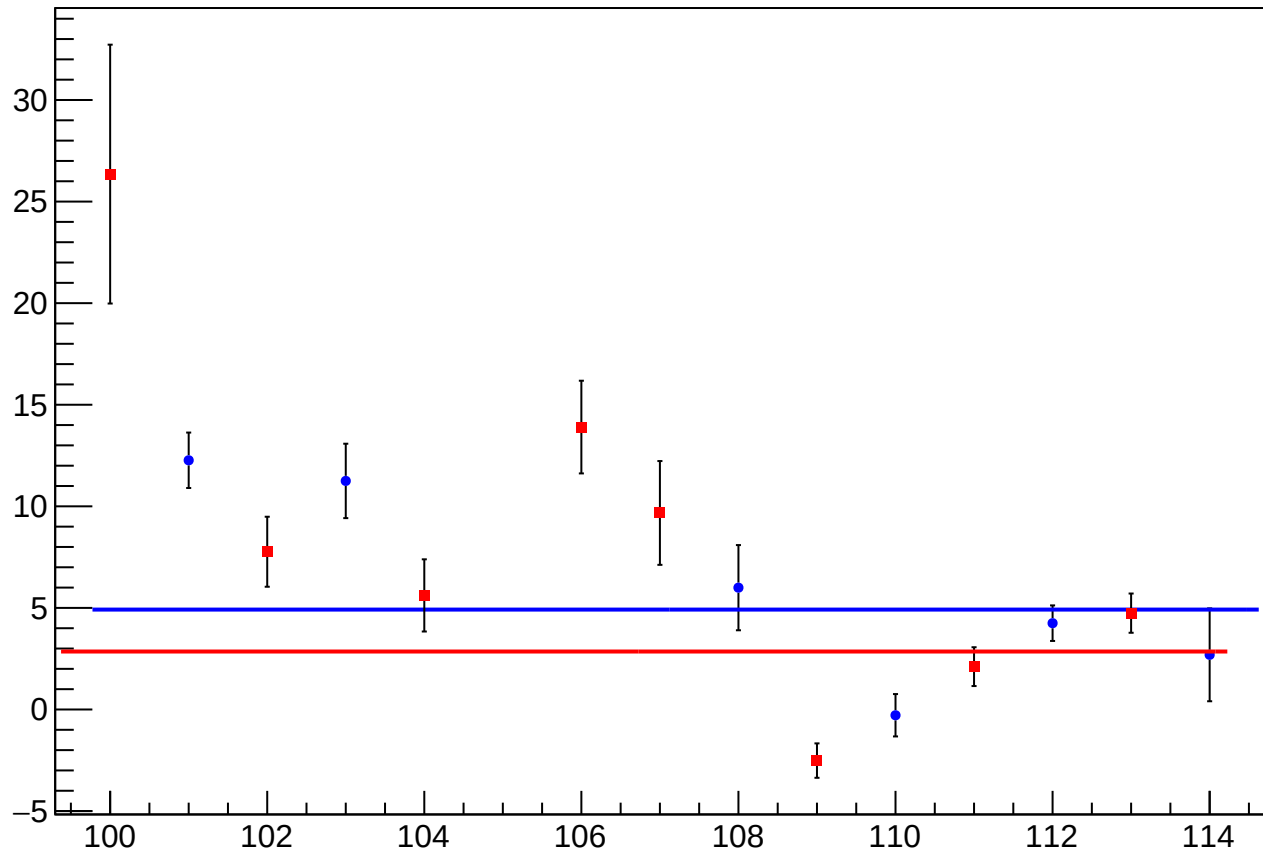
Right: 0.468+/-0.005 χ^2/NDF : 2634.3/13

In: 0.468+/-0.008 χ^2/NDF : 948.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.468+/-0.005 χ^2/NDF : 2634.3/13

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.918+/-0.536 χ^2/NDF : 67.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.853+/-0.467 χ^2/NDF : 99.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

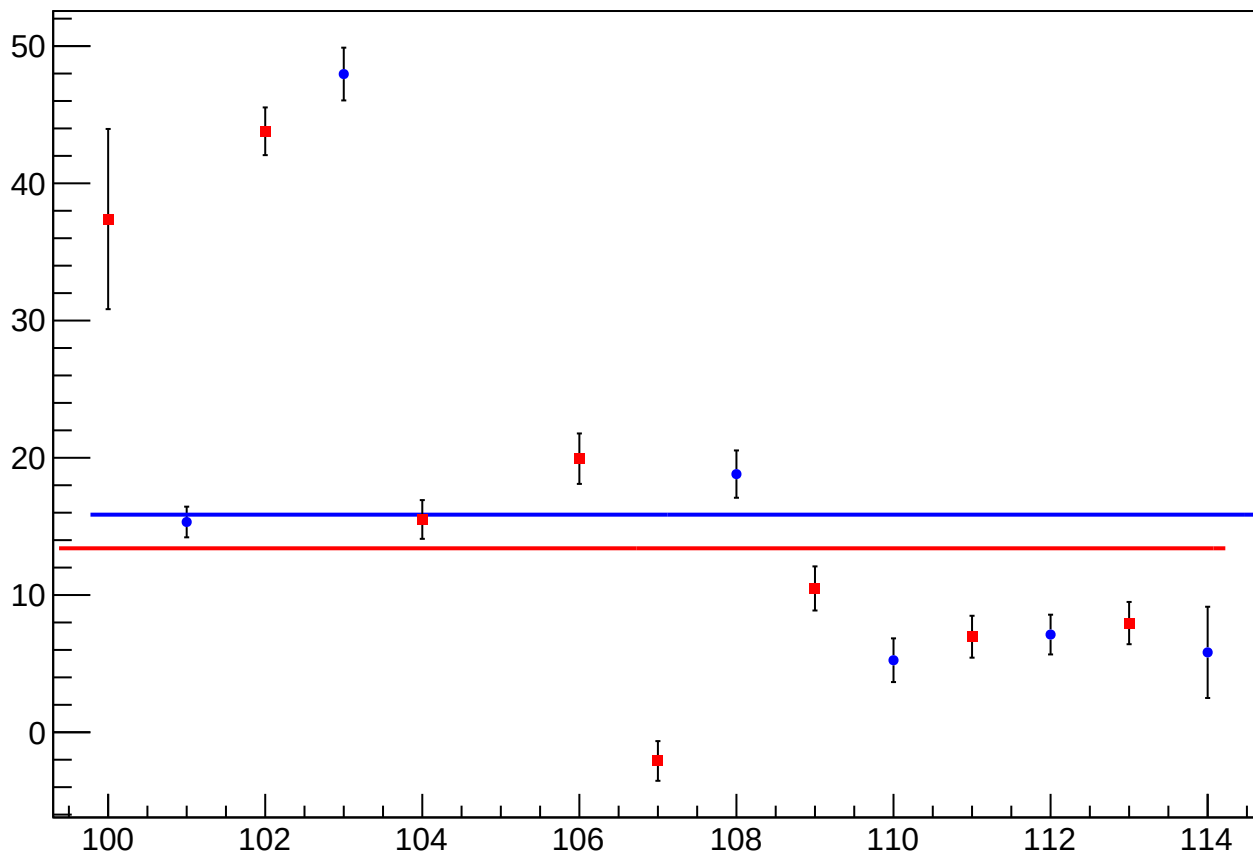
Right: 3.744+/-0.352 χ^2/NDF : 175.4/13

In: 4.918+/-0.536 χ^2/NDF : 67.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.744+/-0.352 χ^2/NDF : 175.4/13

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

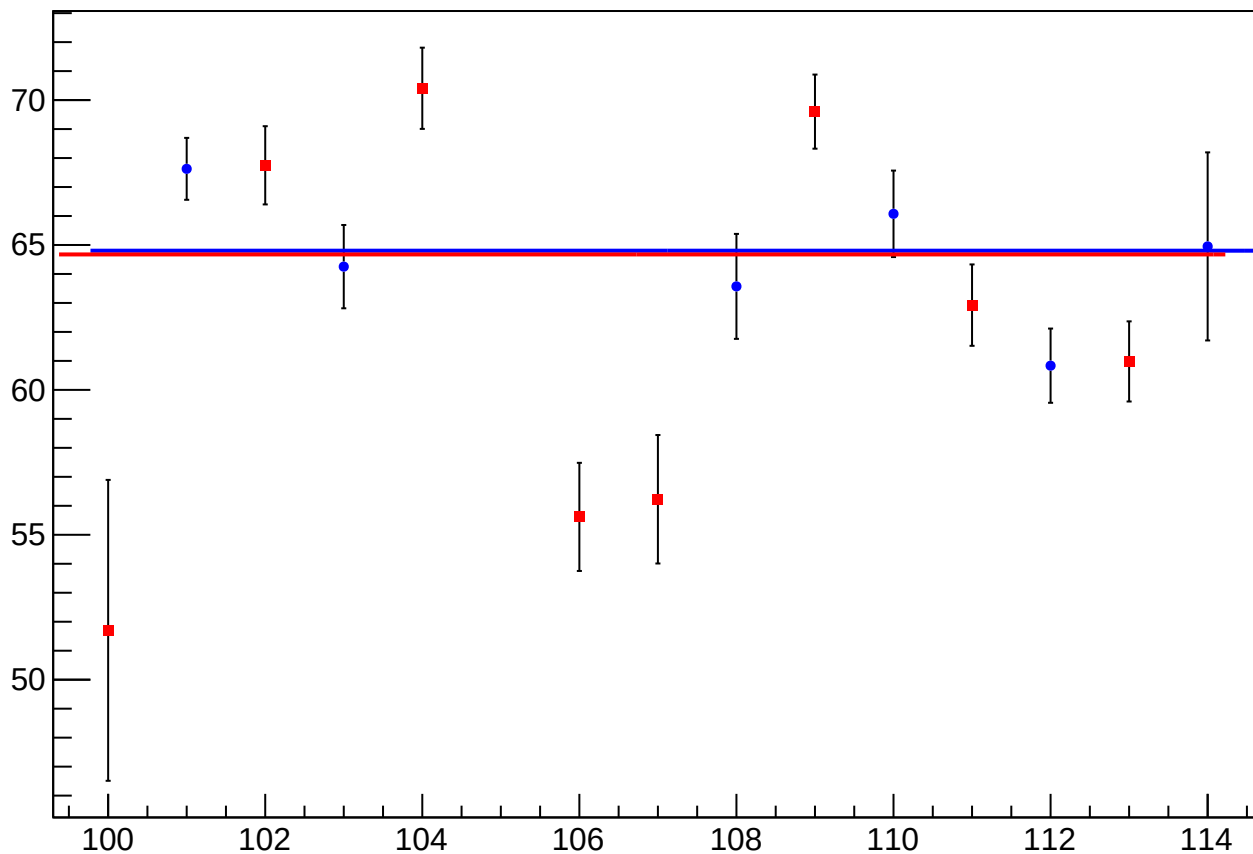
Right: 14.514+/-0.437 χ^2/NDF : 862.1/13

In: 15.856+/-0.650 χ^2/NDF : 372.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.514+/-0.437 χ^2/NDF : 862.1/13

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 64.803+/-0.596 χ^2/NDF : 17.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.674+/-0.557 χ^2/NDF : 89.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

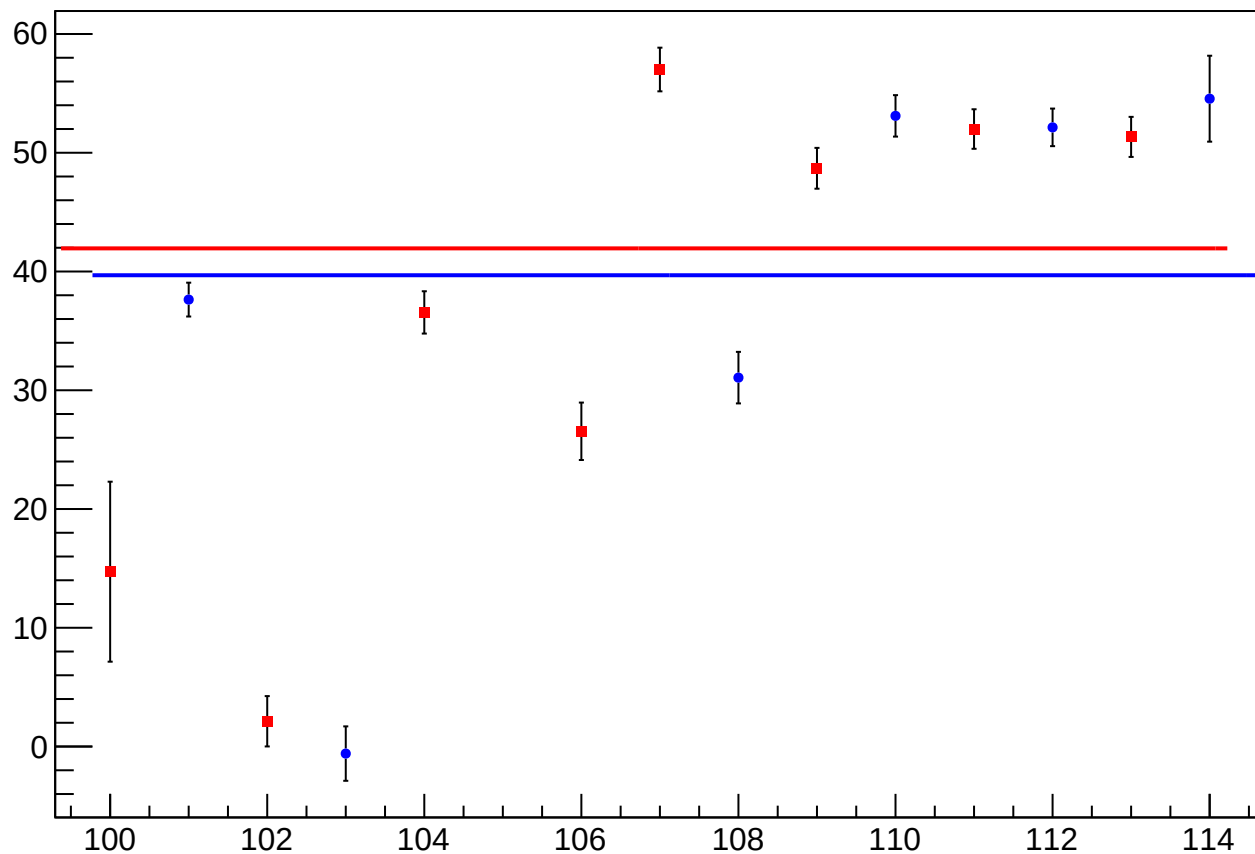
Right: 64.734+/-0.407 χ^2/NDF : 107.7/13

In: 64.803+/-0.596 χ^2/NDF : 17.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.734+/-0.407 χ^2/NDF : 107.7/13

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

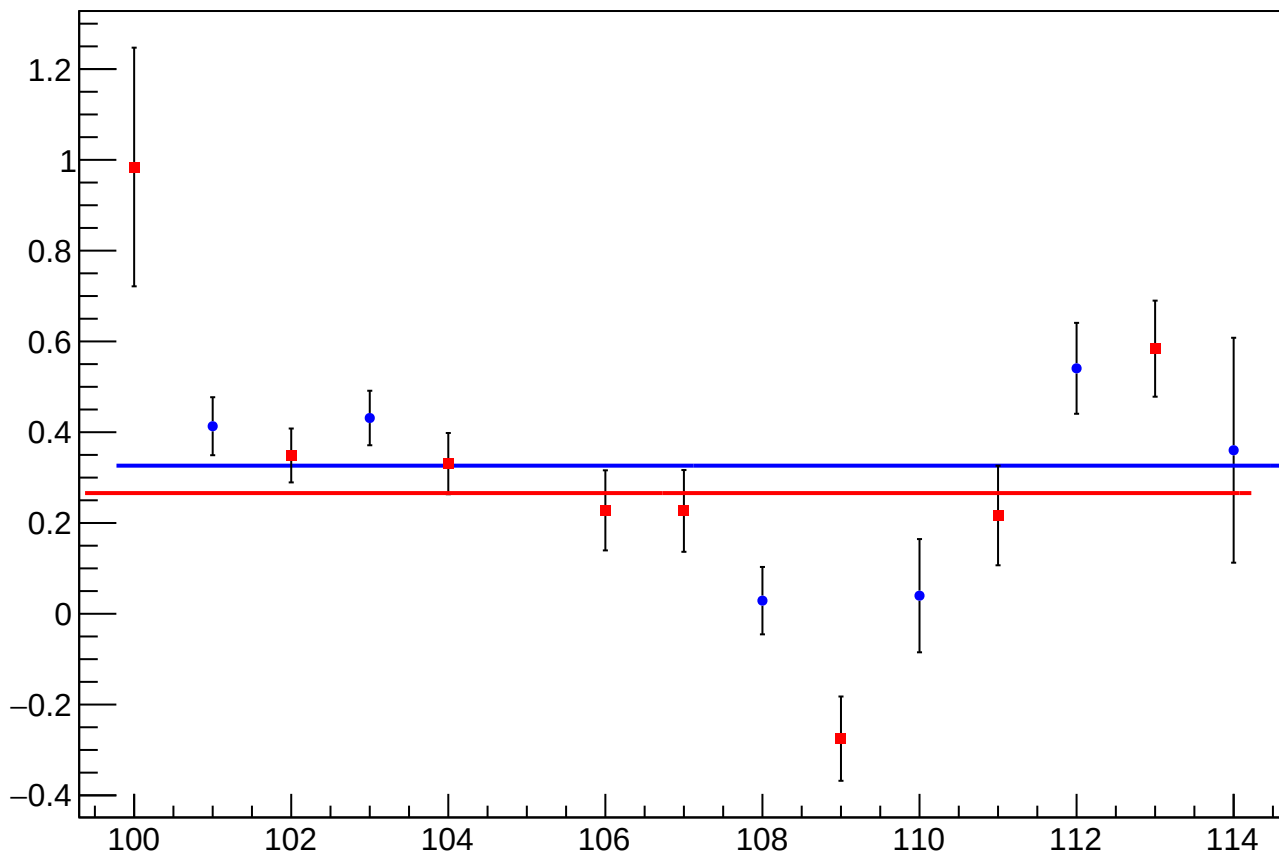
Right: 40.929 $\pm$ 0.515 χ^2 /NDF: 1035.1/13

In: 39.686 $\pm$ 0.767 χ^2 /NDF: 464.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.929 $\pm$ 0.515 χ^2 /NDF: 1035.1/13

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

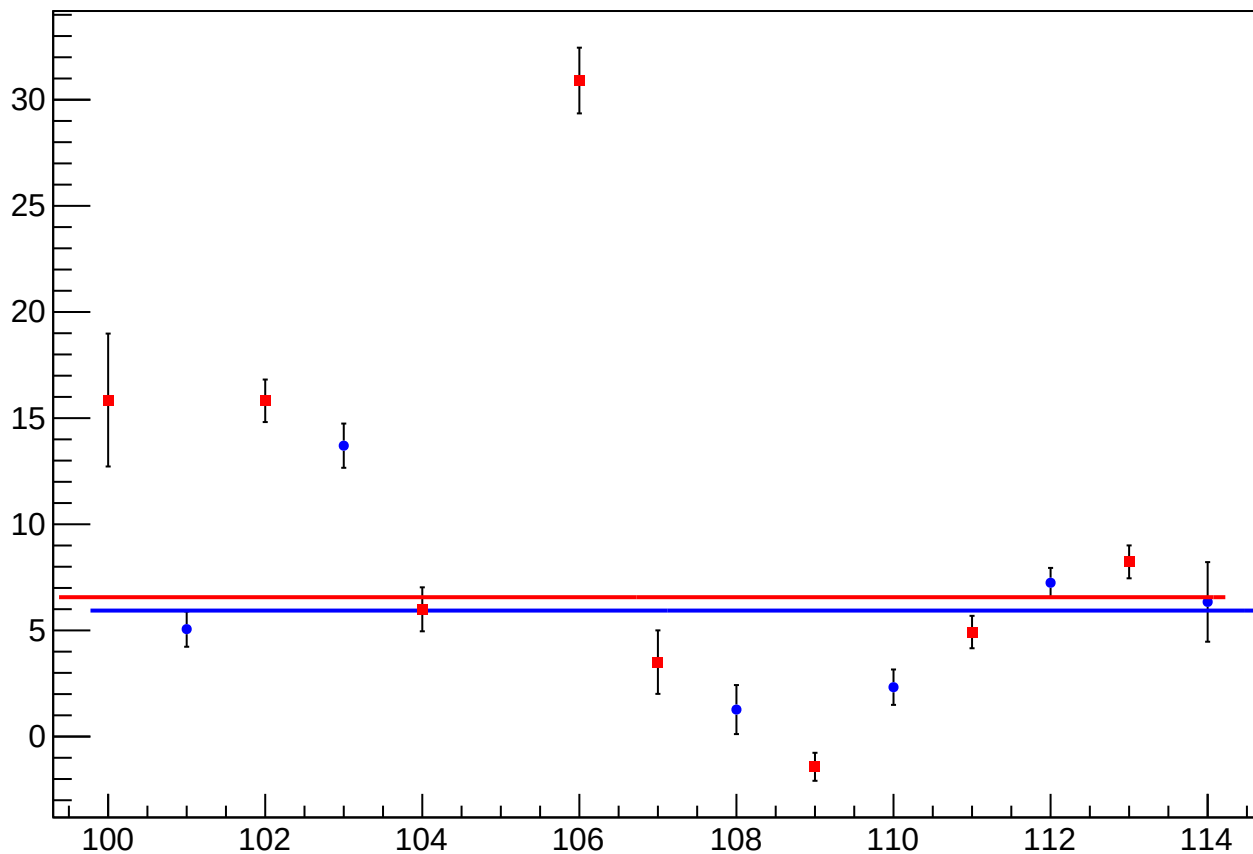
Right: 0.293 $\pm$ 0.023 χ^2 /NDF: 86.5/13

In: 0.326 $\pm$ 0.034 χ^2 /NDF: 30.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.293 $\pm$ 0.023 χ^2 /NDF: 86.5/13

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.935+/-0.381 χ^2/NDF : 95.3/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.565+/-0.341 χ^2/NDF : 501.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

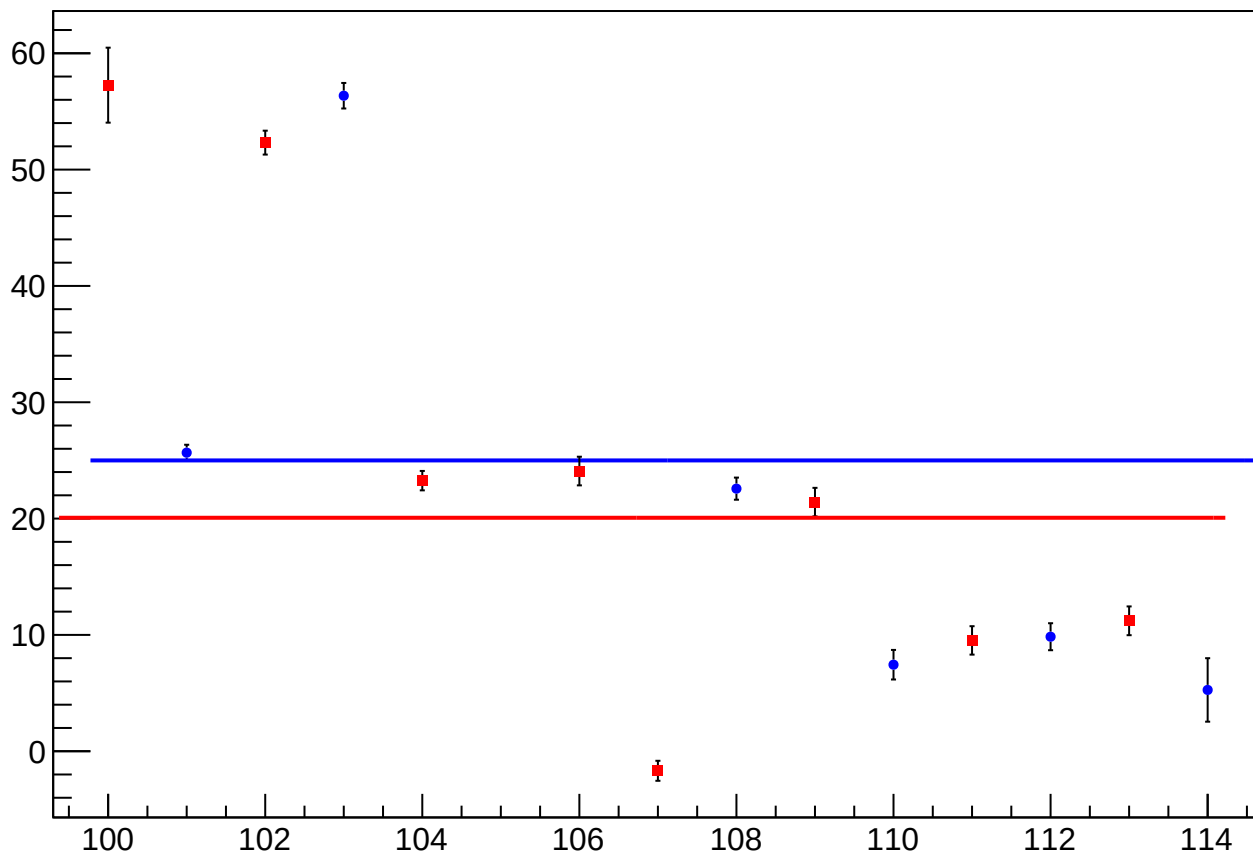
Right: 6.284+/-0.254 χ^2/NDF : 598.7/13

In: 5.935+/-0.381 χ^2/NDF :95.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.284+/-0.254 χ^2/NDF : 598.7/13

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

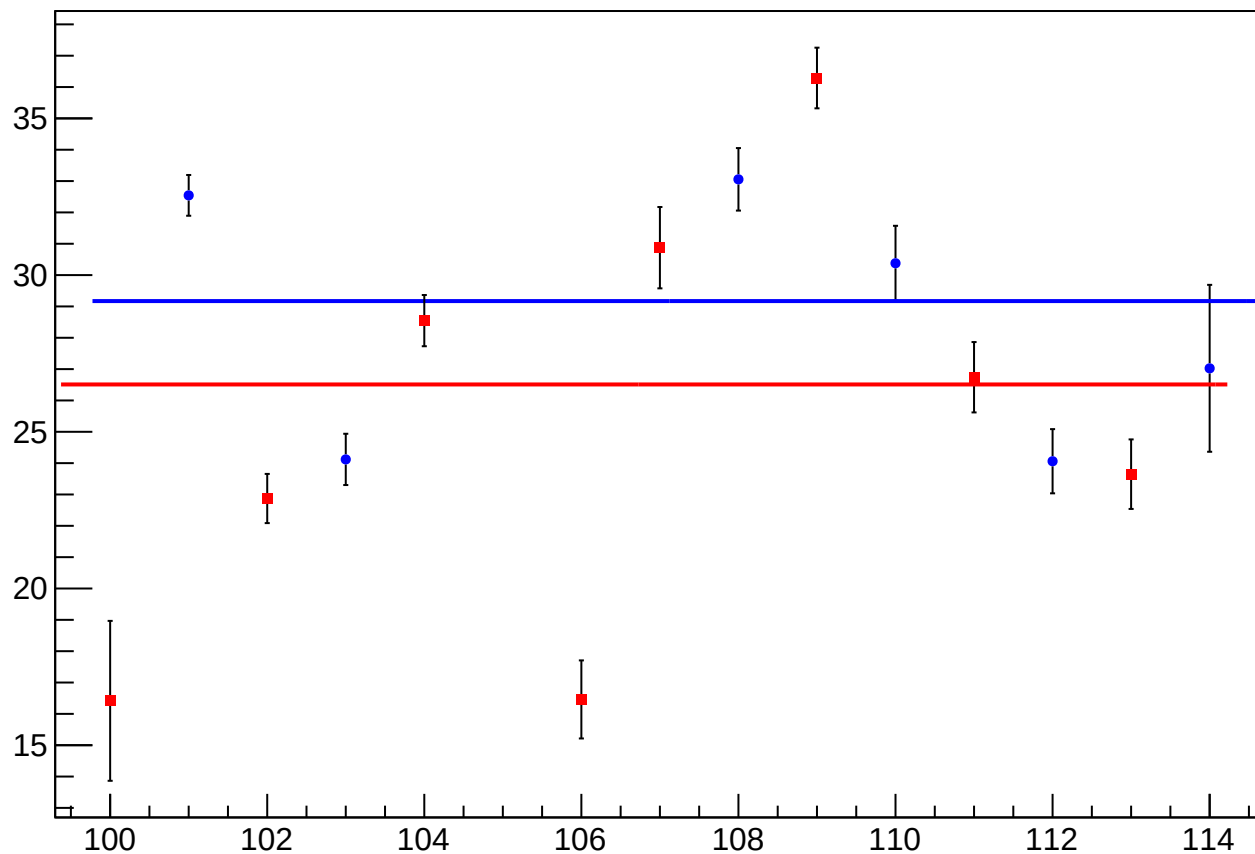
Right: 22.354 $\pm$ 0.288 χ^2 /NDF: 3221.1/13

In: 24.999 $\pm$ 0.423 χ^2 /NDF: 1237.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.354 $\pm$ 0.288 χ^2 /NDF: 3221.1/13

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.171+/-0.388 χ^2/NDF : 106.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.510+/-0.373 χ^2/NDF : 228.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

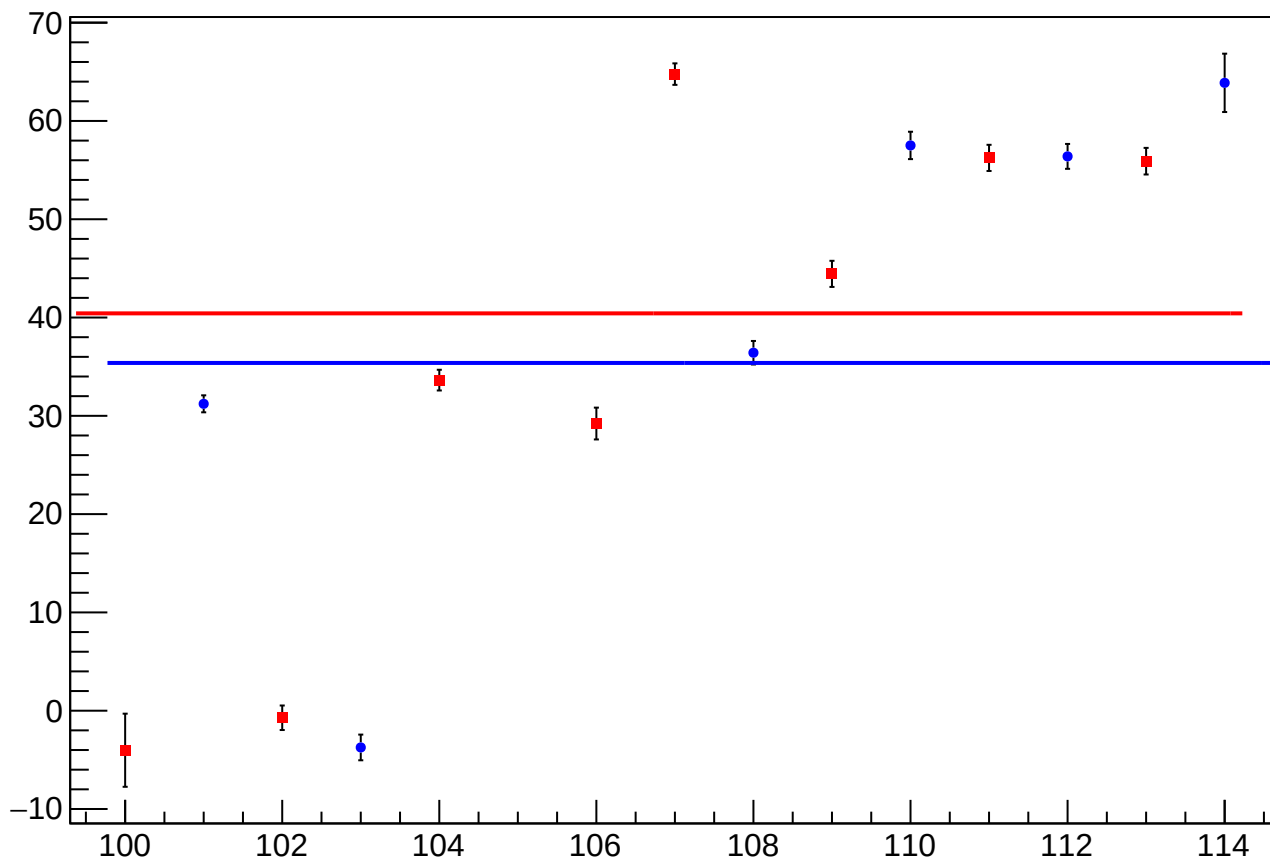
Right: 27.790+/-0.269 χ^2/NDF : 359.8/13

In: 29.171+/-0.388 χ^2/NDF : 106.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.790+/-0.269 χ^2/NDF : 359.8/13

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 35.380+/-0.508 χ^2/NDF : 1539.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.424+/-0.471 χ^2/NDF : 2098.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

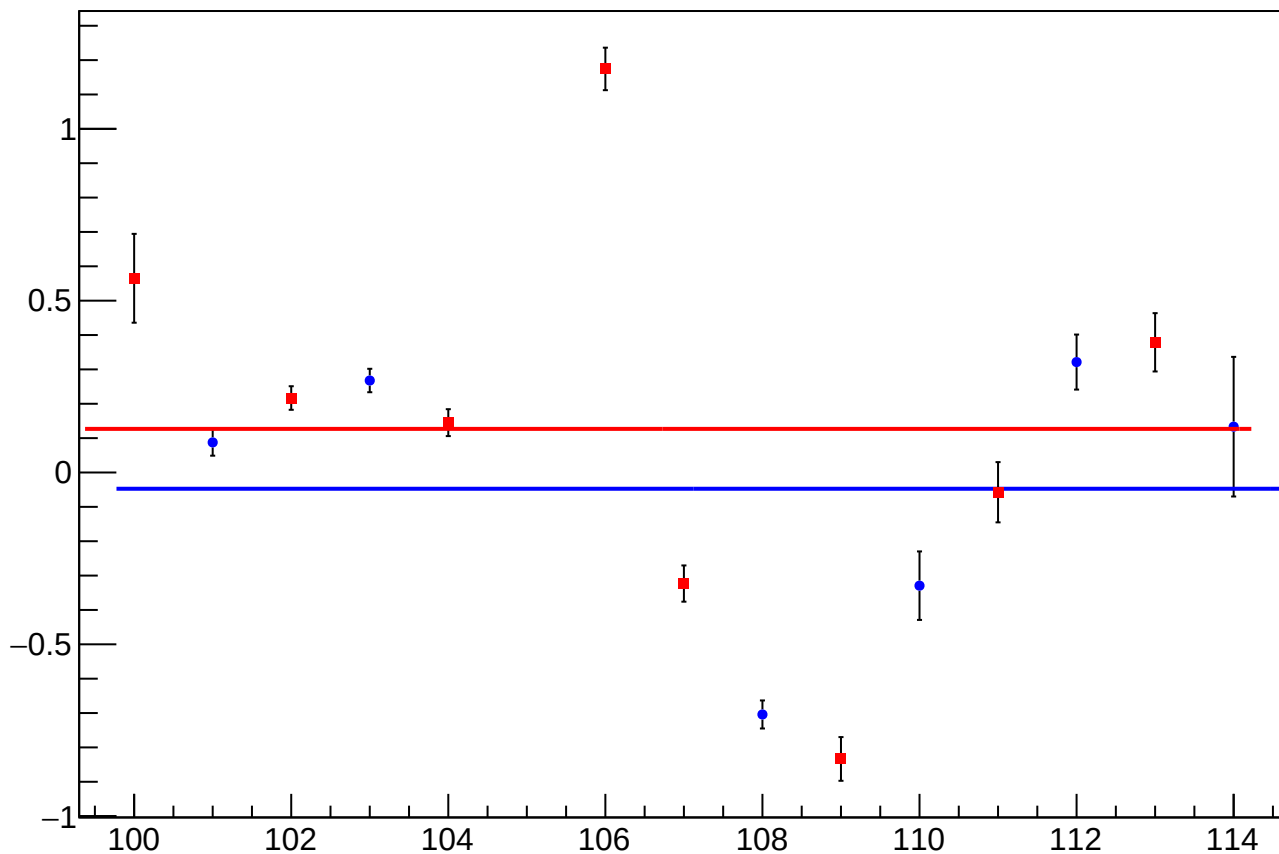
Right: 38.094+/-0.345 χ^2/NDF : 3690.4/13

In: 35.380+/-0.508 χ^2/NDF : 1539.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.094+/-0.345 χ^2/NDF : 3690.4/13

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.047 ± 0.020 χ^2/NDF : 386.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.127 ± 0.019 χ^2/NDF : 619.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

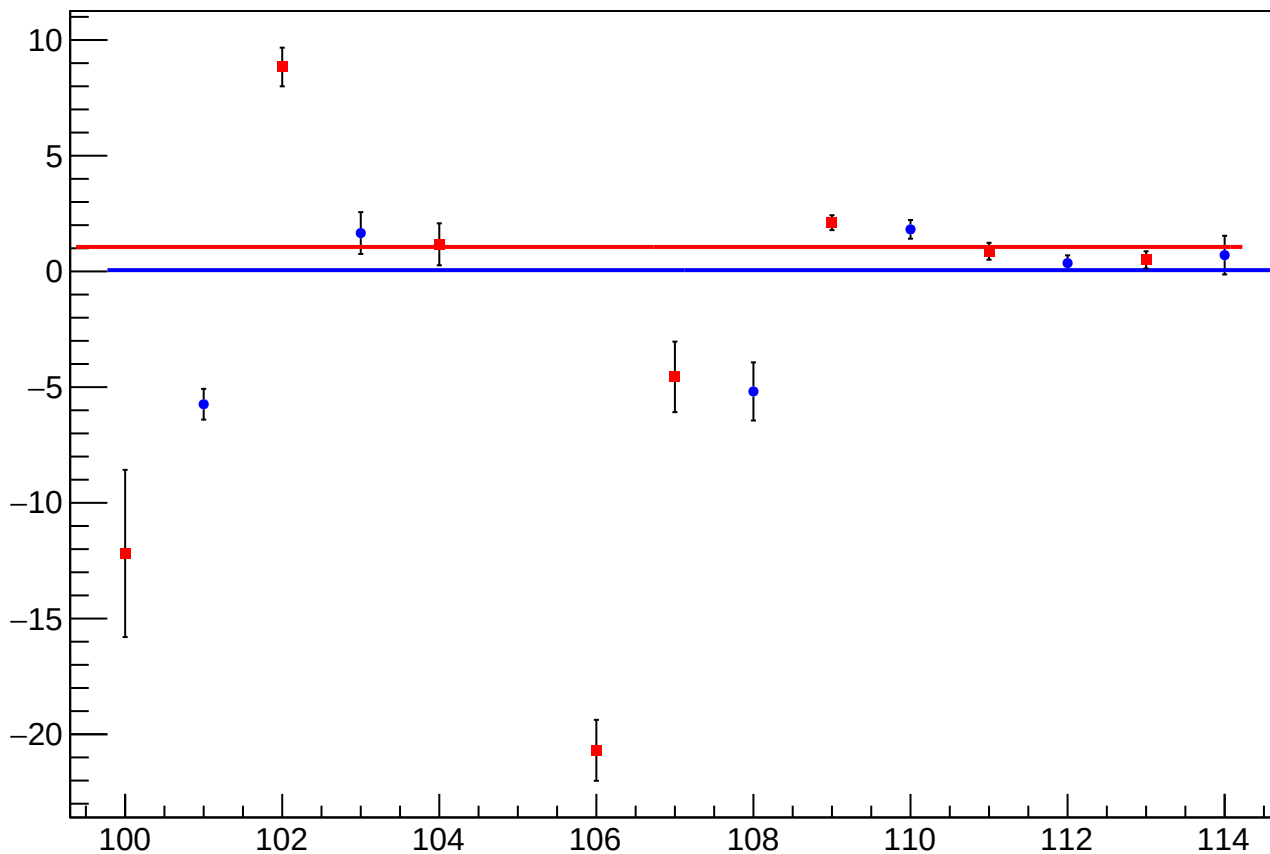
Right: 0.045 ± 0.014 χ^2/NDF : 1044.8/13

In: -0.047 ± 0.020 χ^2/NDF : 386.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.045 ± 0.014 χ^2/NDF : 1044.8/13

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

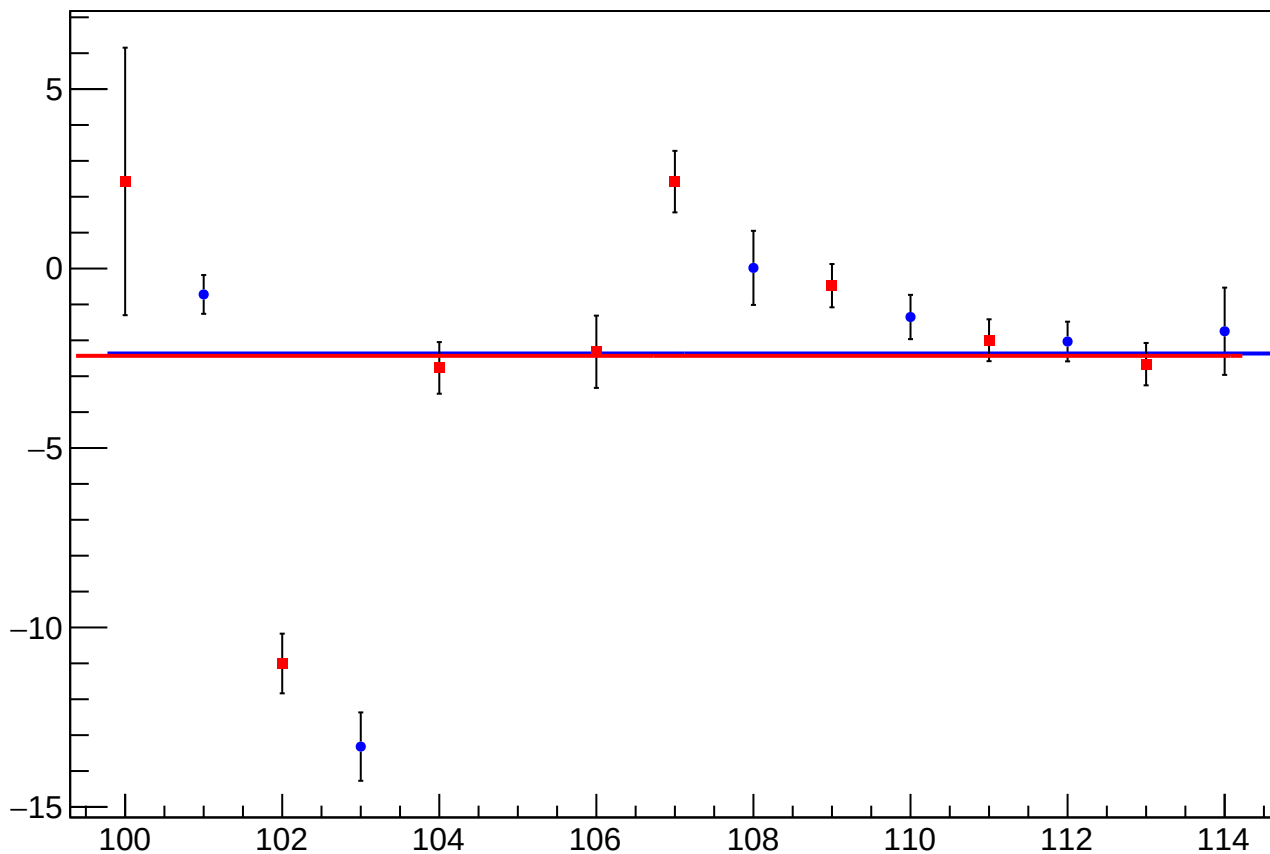
Right: 0.635+/-0.143 χ^2/NDF : 528.6/13

In: 0.055+/-0.220 χ^2/NDF : 117.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.635+/-0.143 χ^2/NDF : 528.6/13

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

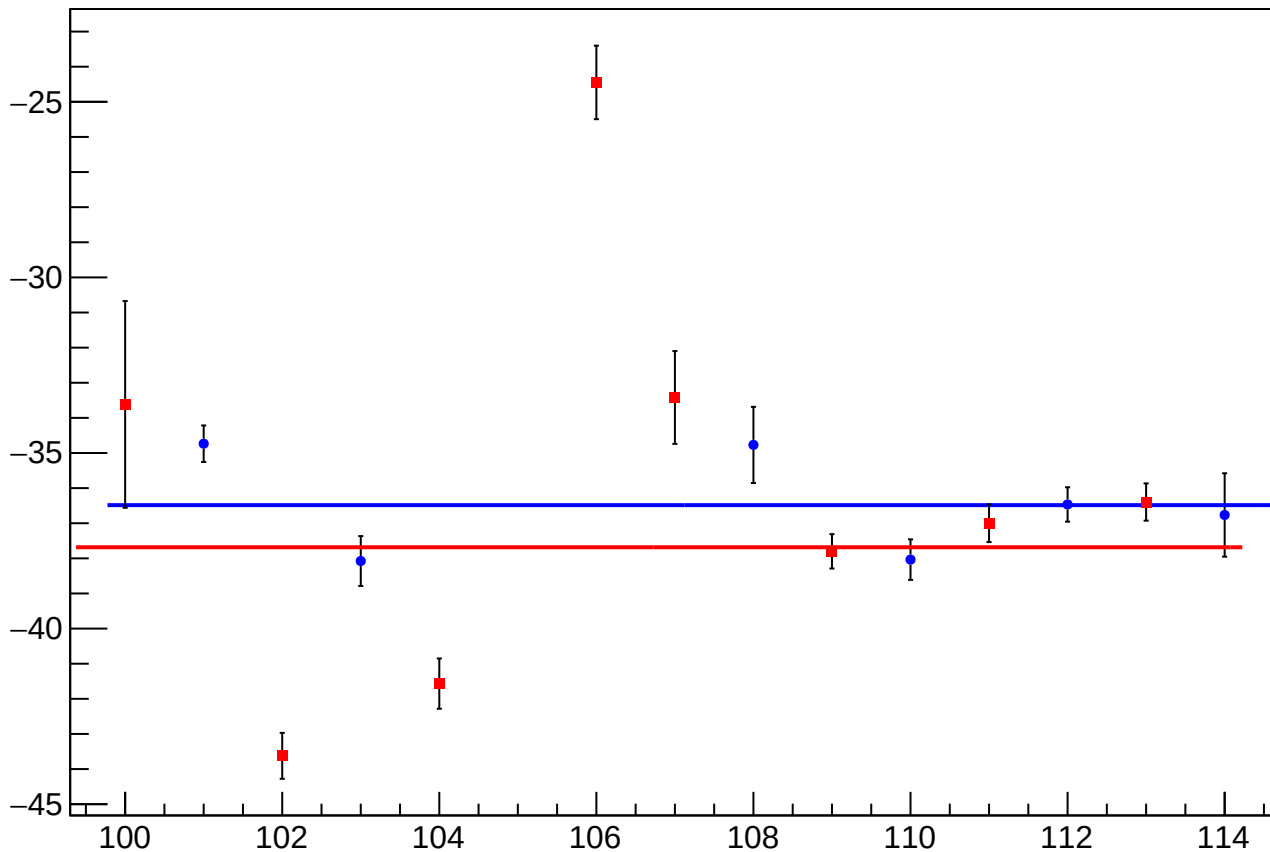
Right: -2.402 $\pm$ 0.195 χ^2 /NDF: 301.7/13

In: -2.367 $\pm$ 0.288 χ^2 /NDF:150.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.402 $\pm$ 0.195 χ^2 /NDF: 301.7/13

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

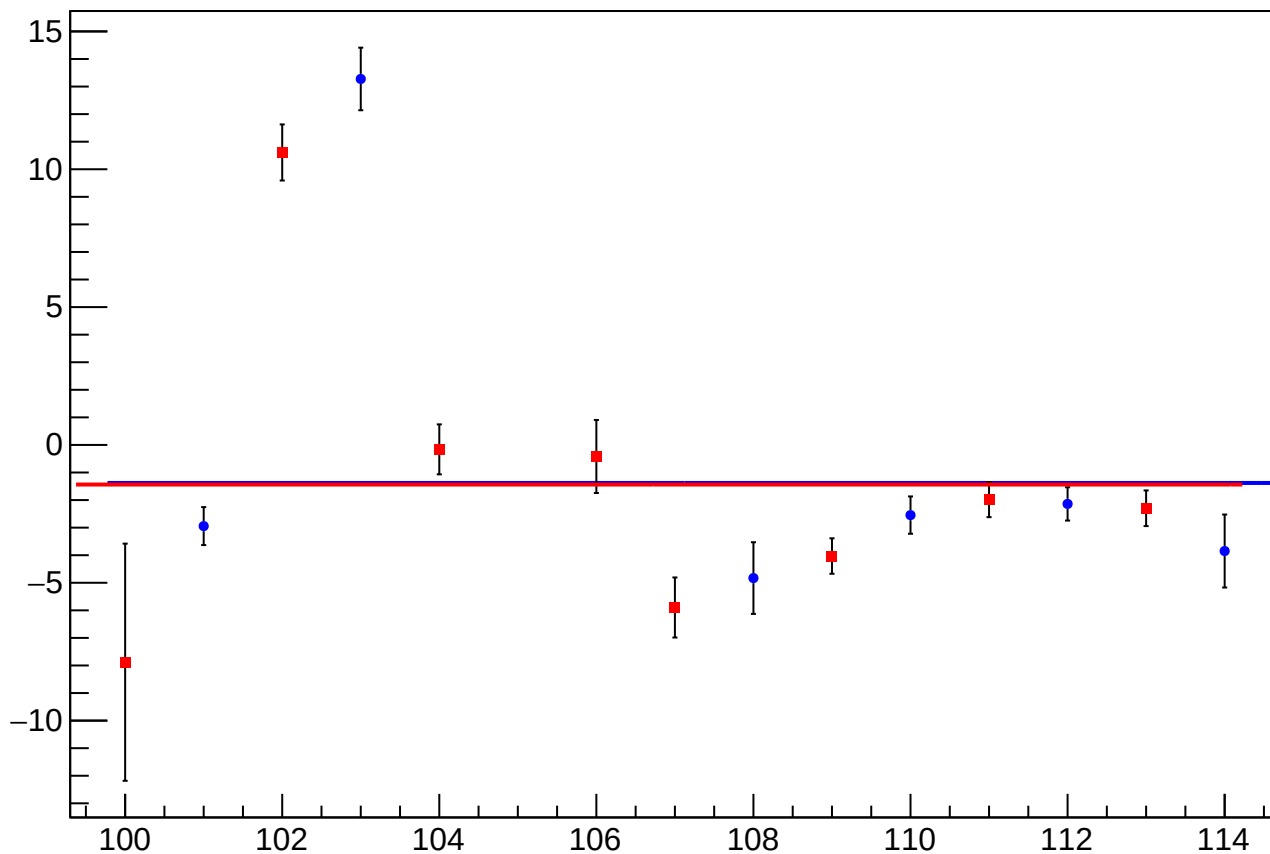
Right: -37.136+/-0.178 χ^2/NDF : 329.2/13

In: -36.485+/-0.263 χ^2/NDF : 26.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.136+/-0.178 χ^2/NDF : 329.2/13

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

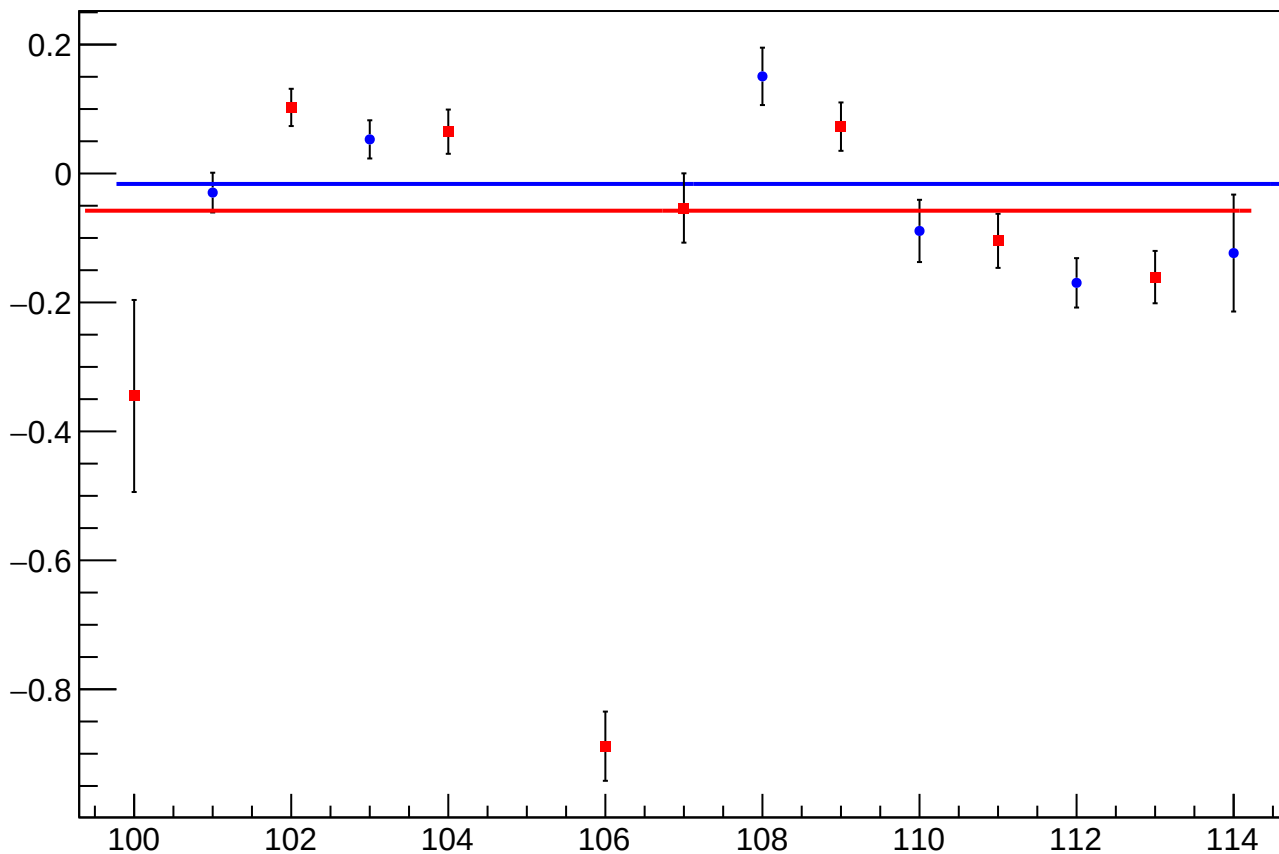
Right: -1.411+/-0.224 χ^2/NDF : 367.6/13

In: -1.379+/-0.334 χ^2/NDF : 187.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.411+/-0.224 χ^2/NDF : 367.6/13

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

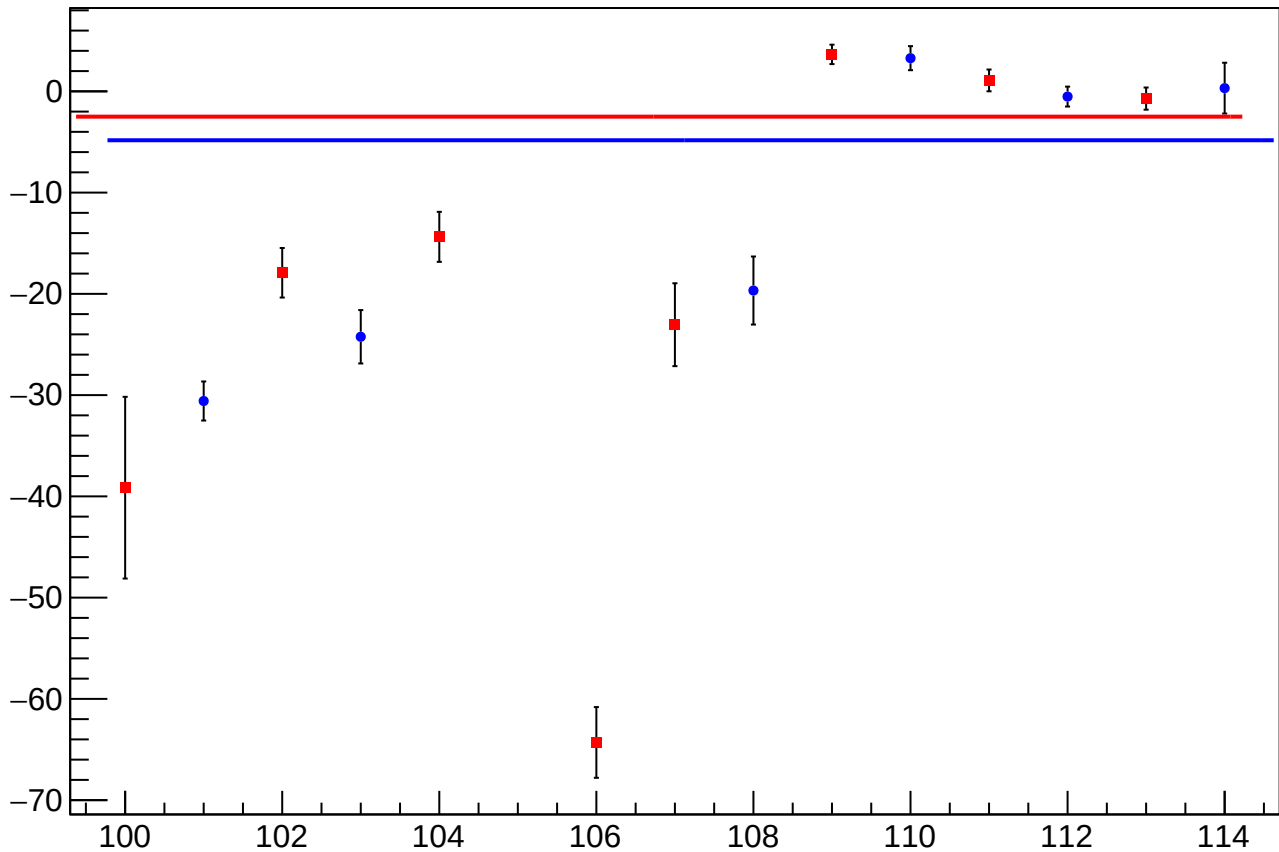
Right: -0.039+/-0.011 χ^2 /NDF: 349.5/13

In: -0.016+/-0.016 χ^2 /NDF:39.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.039+/-0.011 χ^2 /NDF: 349.5/13

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

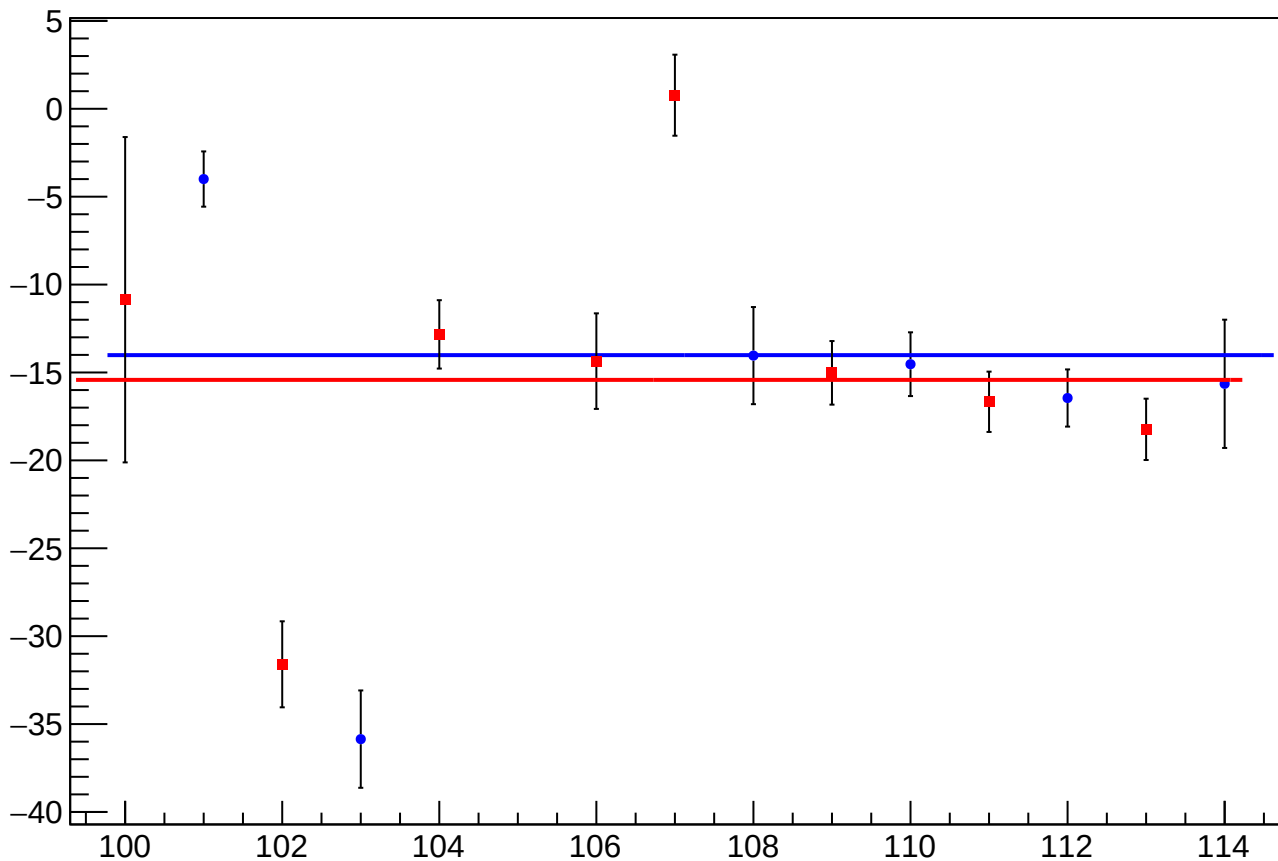
Right: -3.486+/-0.420 χ^2/NDF : 802.0/13

In: -4.831+/-0.645 χ^2/NDF : 321.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.486+/-0.420 χ^2/NDF : 802.0/13

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

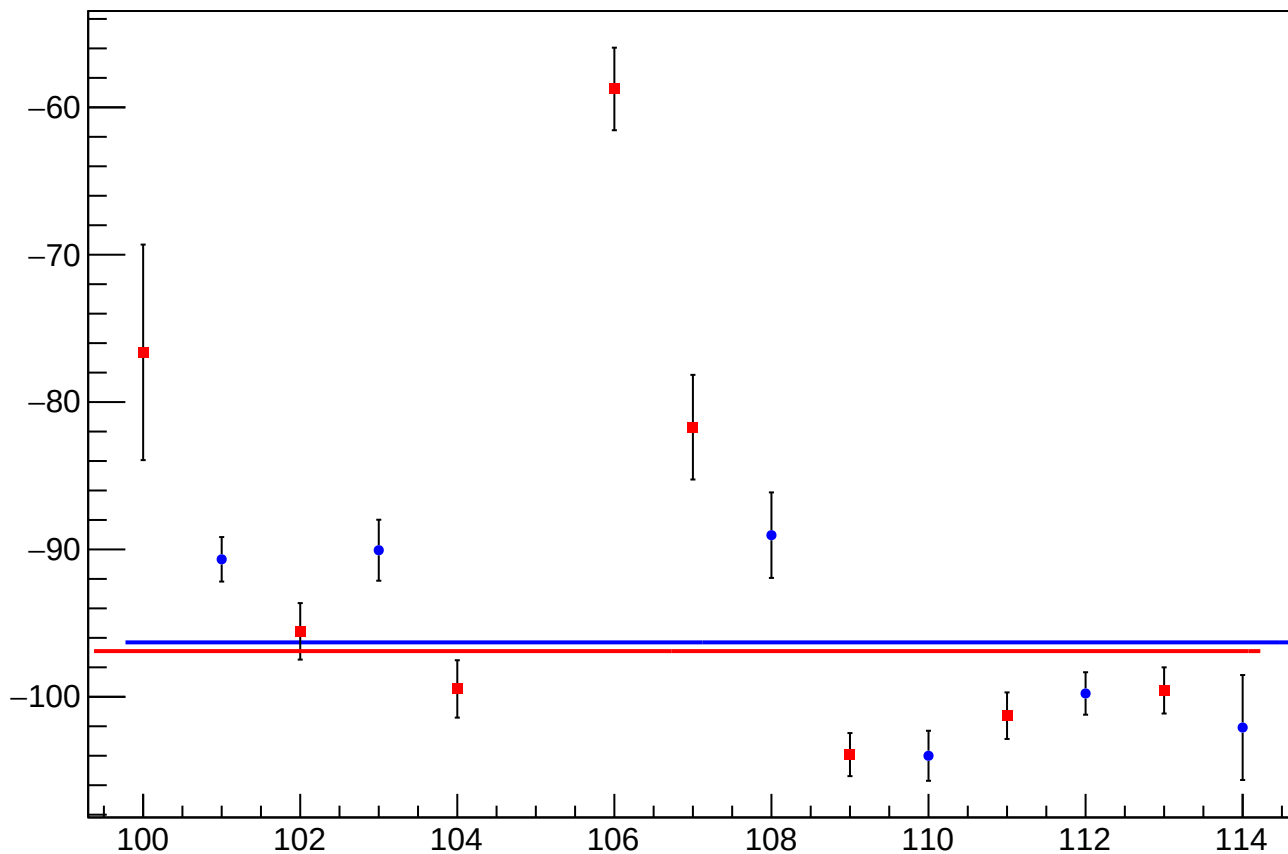
Right: -14.788 ± 0.562 χ^2/NDF : 205.4/13

In: -14.013 ± 0.838 χ^2/NDF : 105.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.788 ± 0.562 χ^2/NDF : 205.4/13

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

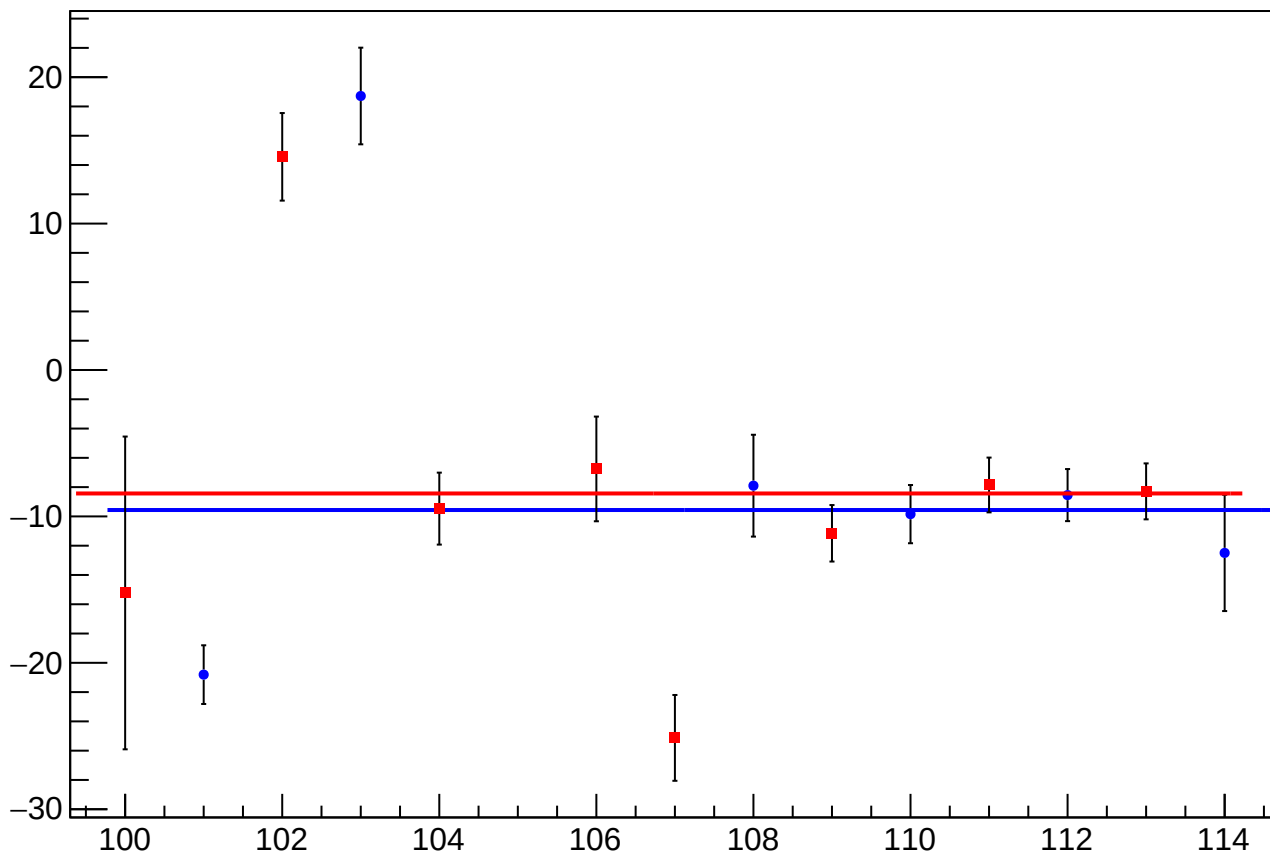
Right: -96.630 $\pm$ 0.517 χ^2 /NDF: 306.0/13

In: -96.307 $\pm$ 0.767 χ^2 /NDF: 58.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.630 $\pm$ 0.517 χ^2 /NDF: 306.0/13

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.564 ± 0.973 $\chi^2/\text{NDF}: 106.0/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.433 ± 0.874 $\chi^2/\text{NDF}: 94.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

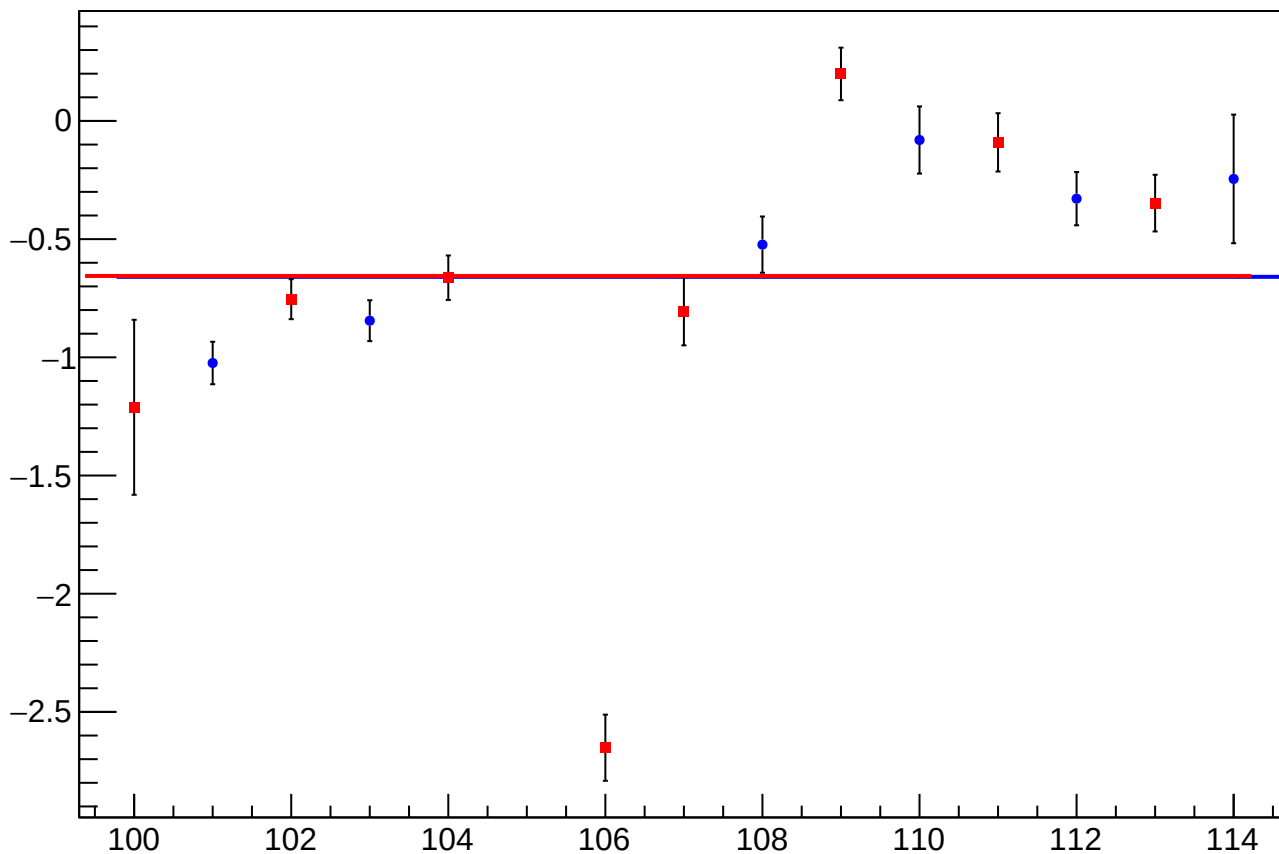
Right: -8.938 ± 0.650 $\chi^2/\text{NDF}: 201.2/13$

In: -9.564 ± 0.973 $\chi^2/\text{NDF}: 106.0/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.938 ± 0.650 $\chi^2/\text{NDF}: 201.2/13$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

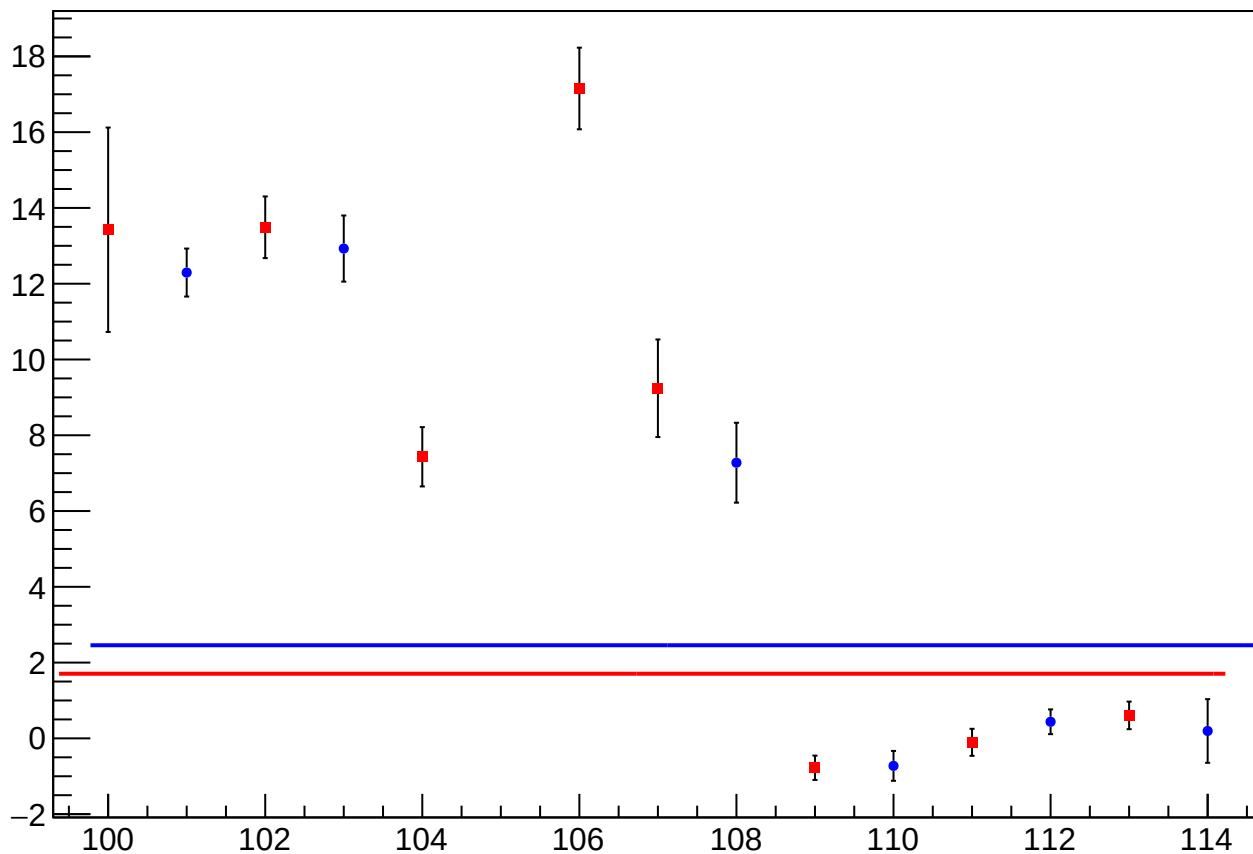
Right: -0.657+/-0.031 χ^2/NDF : 344.7/13

In: -0.659+/-0.046 χ^2/NDF : 49.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.657+/-0.031 χ^2/NDF : 344.7/13

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

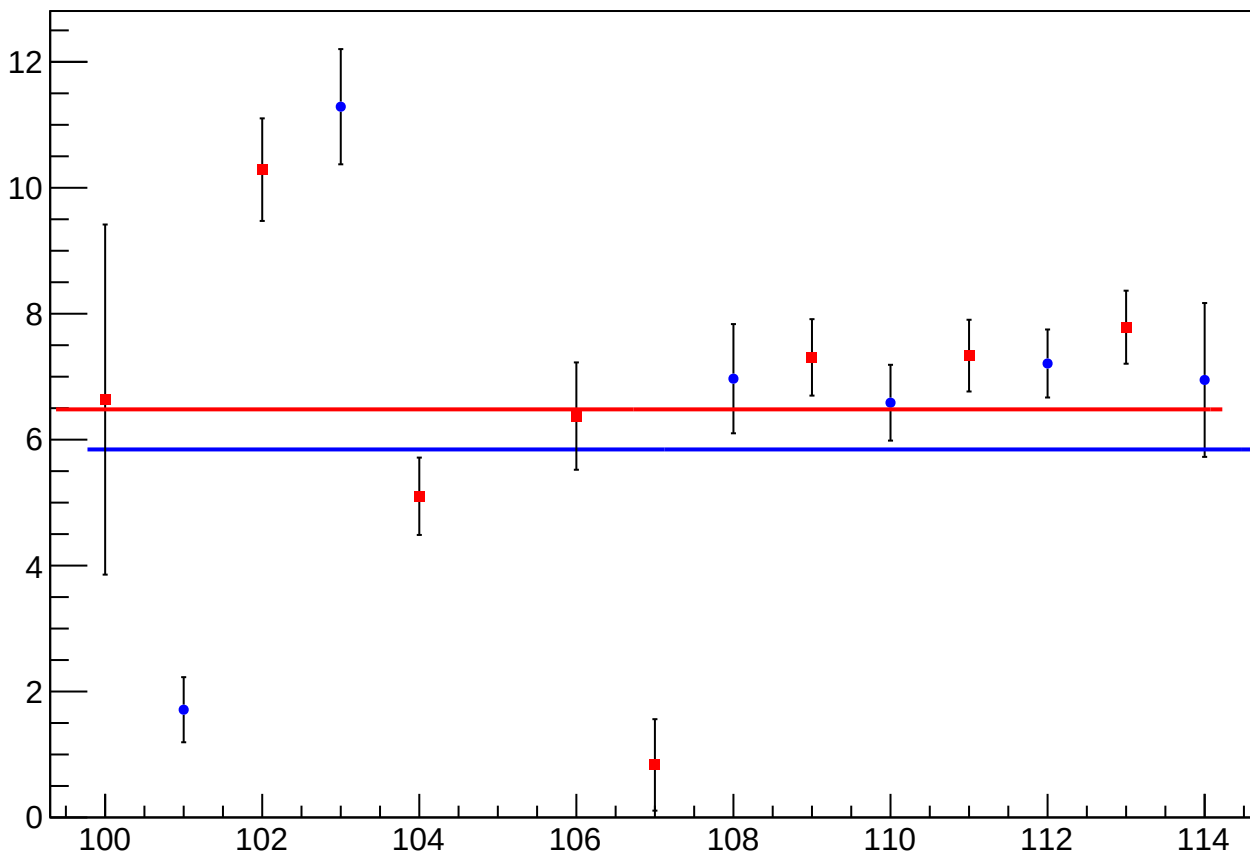
Right: 2.024 $\pm$ 0.139 χ^2 /NDF: 1140.5/13

In: 2.458 $\pm$ 0.214 χ^2 /NDF:516.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.024 $\pm$ 0.139 χ^2 /NDF: 1140.5/13

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.845+/-0.276 χ^2/NDF : 109.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.481+/-0.247 χ^2/NDF : 96.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

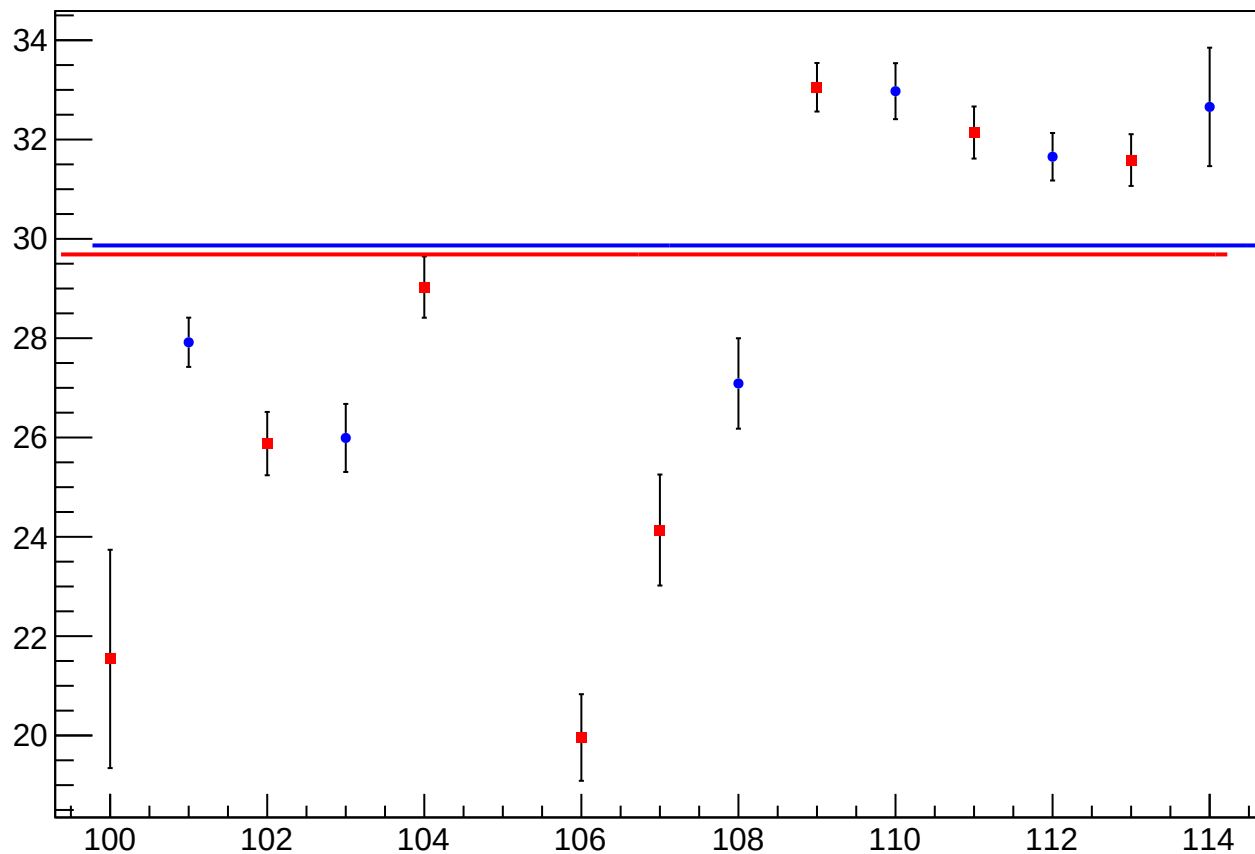
Right: 6.197+/-0.184 χ^2/NDF : 209.2/13

In: 5.845+/-0.276 χ^2/NDF : 109.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.197+/-0.184 χ^2/NDF : 209.2/13

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

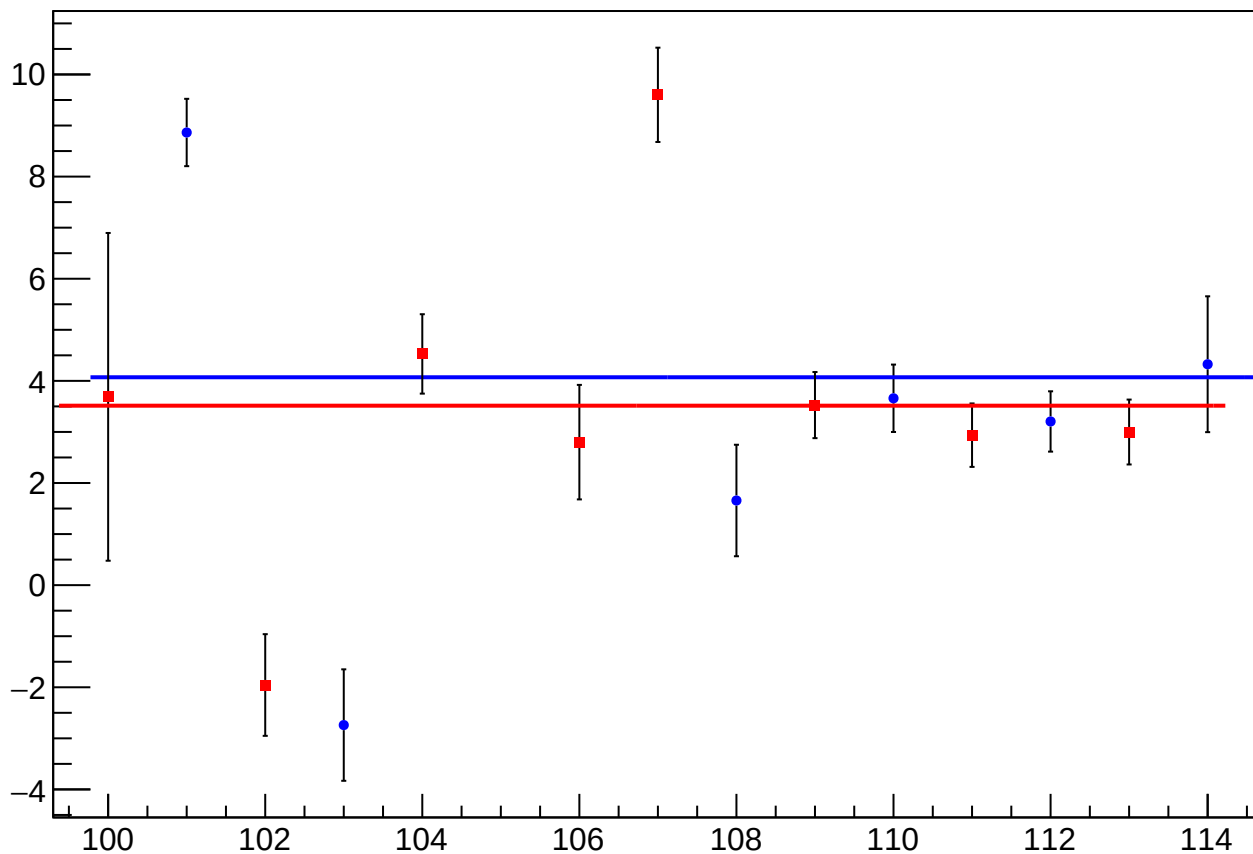
Right: 29.768 $\pm$ 0.170 χ^2 /NDF: 389.2/13

In: 29.867 $\pm$ 0.253 χ^2 /NDF:106.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.768 $\pm$ 0.170 χ^2 /NDF: 389.2/13

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.071+/-0.321 χ^2/NDF : 99.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.514+/-0.286 χ^2/NDF : 77.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

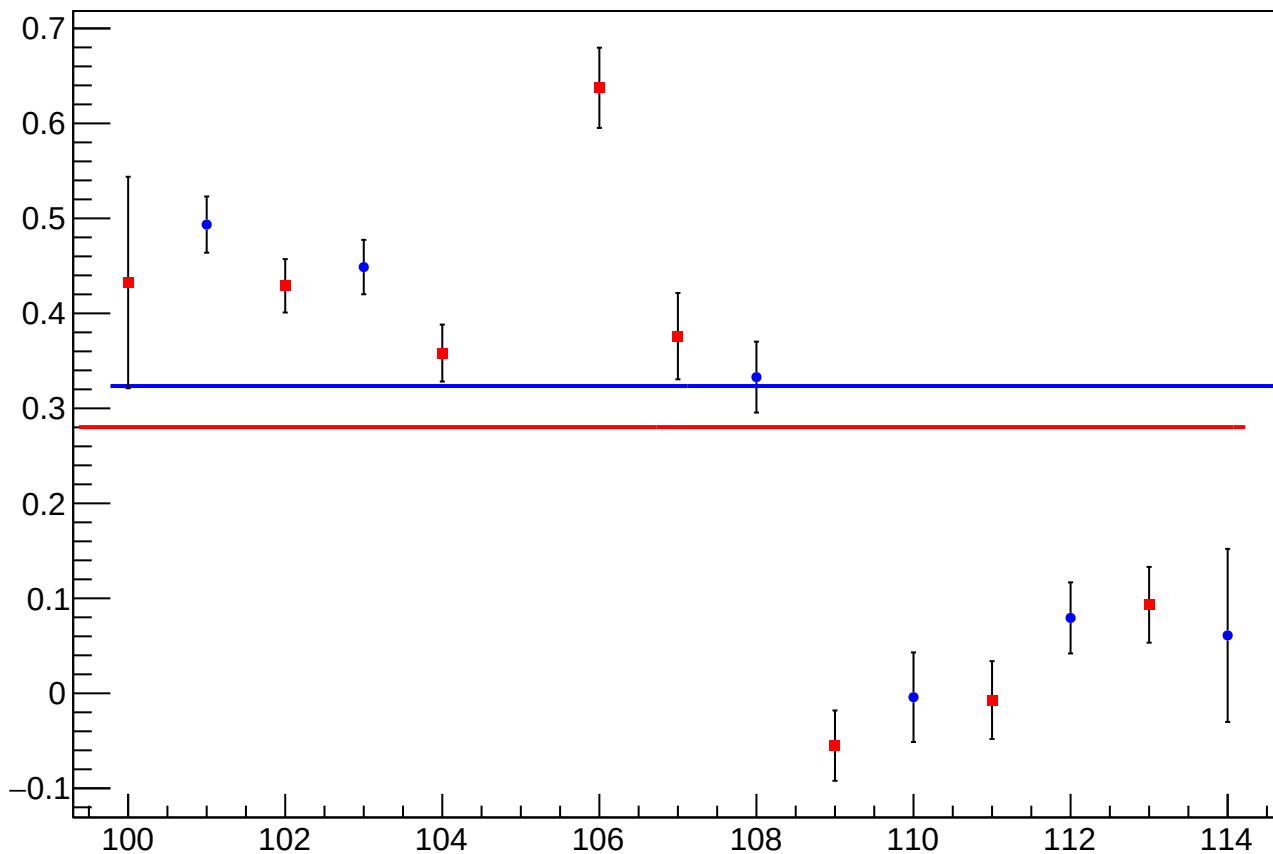
Right: 3.761+/-0.214 χ^2/NDF : 178.2/13

In: 4.071+/-0.321 χ^2/NDF : 99.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.761+/-0.214 χ^2/NDF : 178.2/13

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

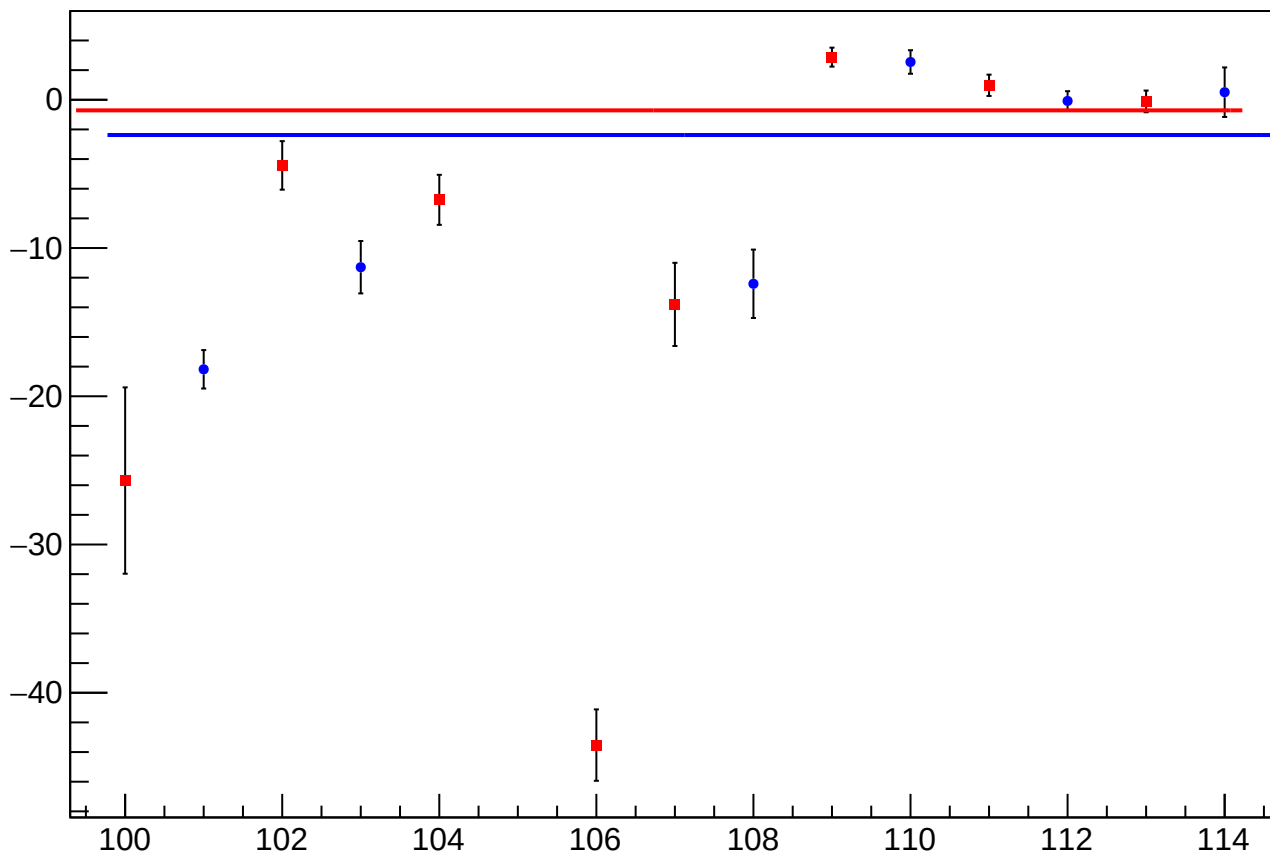
Right: 0.299 $\pm$ 0.010 χ^2 /NDF: 421.7/13

In: 0.324 $\pm$ 0.015 χ^2 /NDF:151.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.299 $\pm$ 0.010 χ^2 /NDF: 421.7/13

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

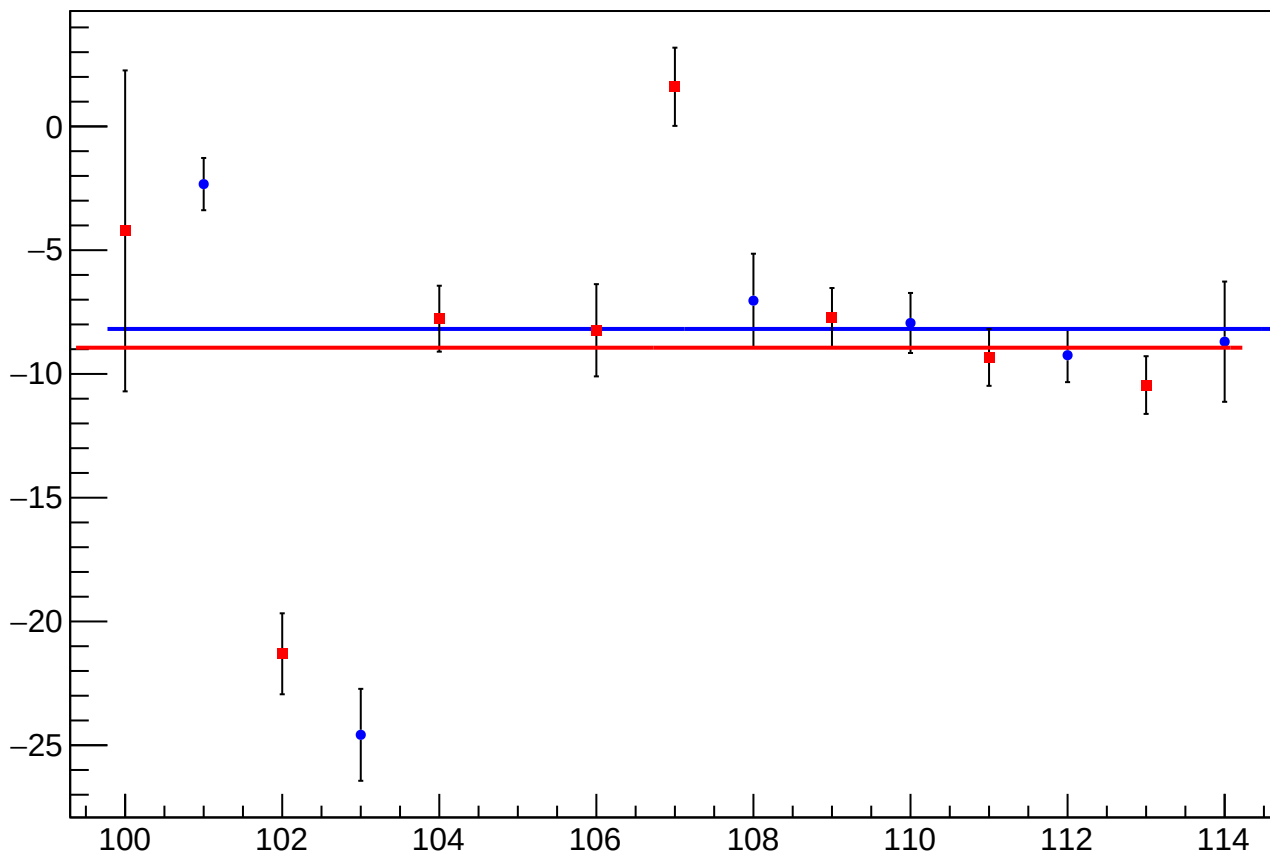
Right: -1.417+/-0.281 χ^2/NDF : 664.4/13

In: -2.377+/-0.432 χ^2/NDF :246.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.417+/-0.281 χ^2/NDF : 664.4/13

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

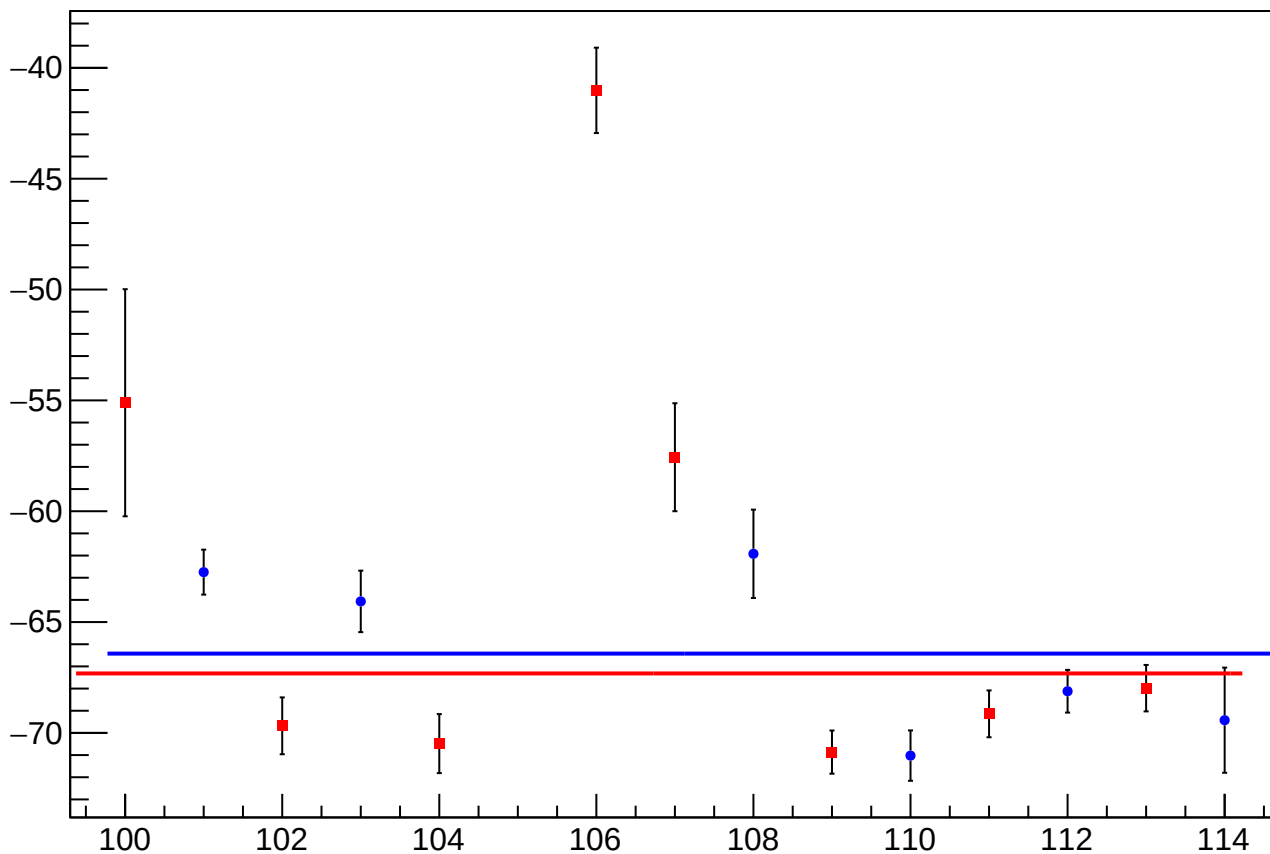
Right: -8.598 $\pm$ 0.378 χ^2 /NDF: 217.0/13

In: -8.182 $\pm$ 0.563 χ^2 /NDF:110.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.598 $\pm$ 0.378 χ^2 /NDF: 217.0/13

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

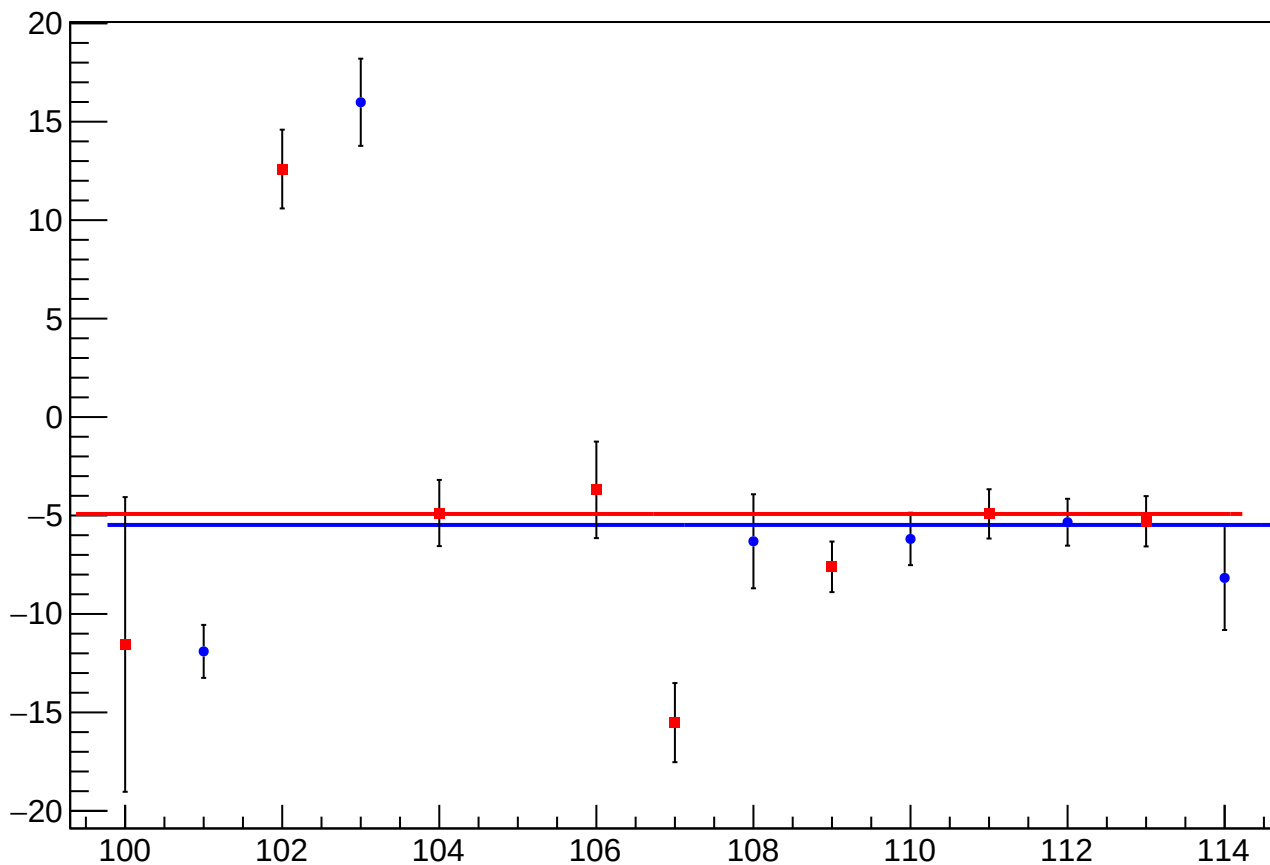
Right: -66.910 $\pm$ 0.347 χ^2 /NDF: 277.9/13

In: -66.422 $\pm$ 0.515 χ^2 /NDF: 42.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -66.910 $\pm$ 0.347 χ^2 /NDF: 277.9/13

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

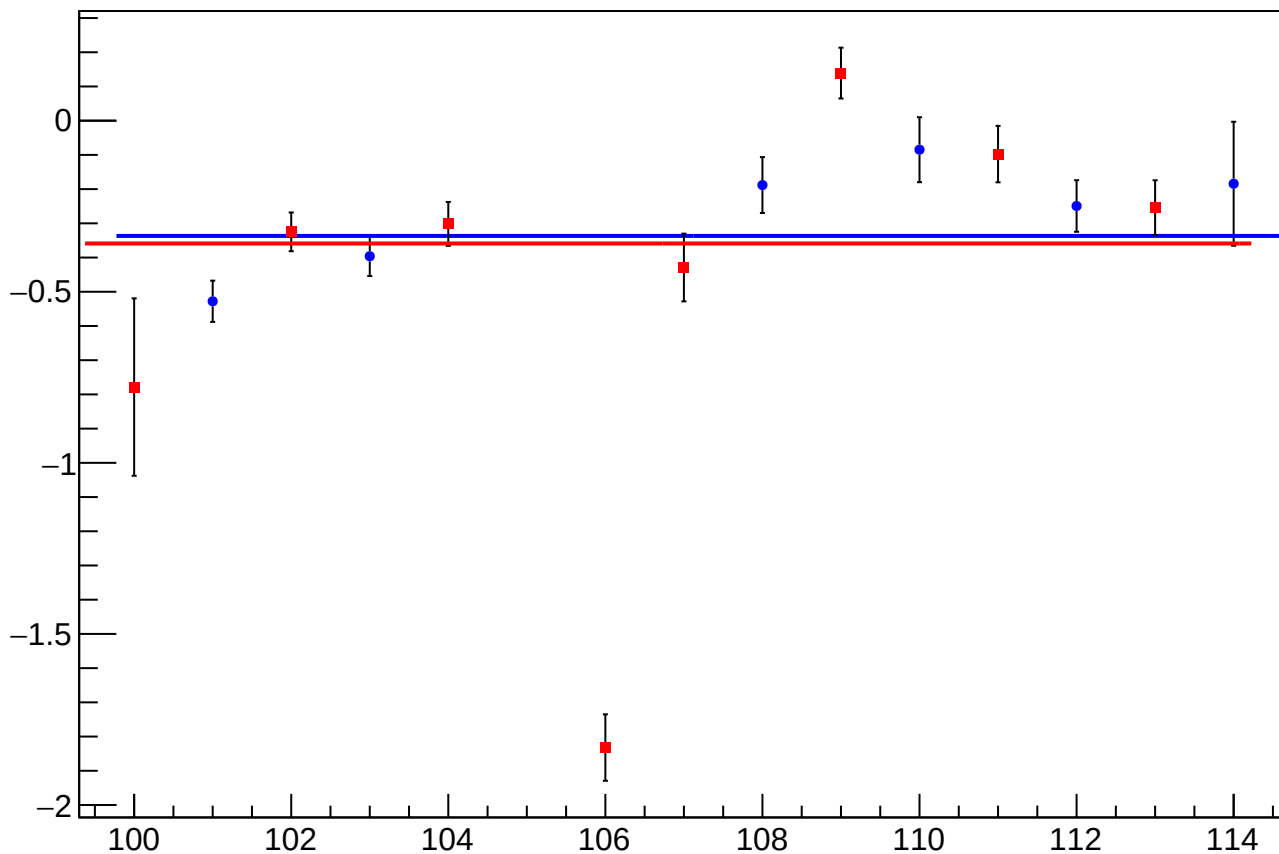
Right: -5.171+/-0.437 χ^2 /NDF: 228.7/13

In: -5.479+/-0.653 χ^2 /NDF:118.3/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.171+/-0.437 χ^2 /NDF: 228.7/13

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.337 $\pm$ 0.031 χ^2 /NDF: 23.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.359 $\pm$ 0.028 χ^2 /NDF: 291.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

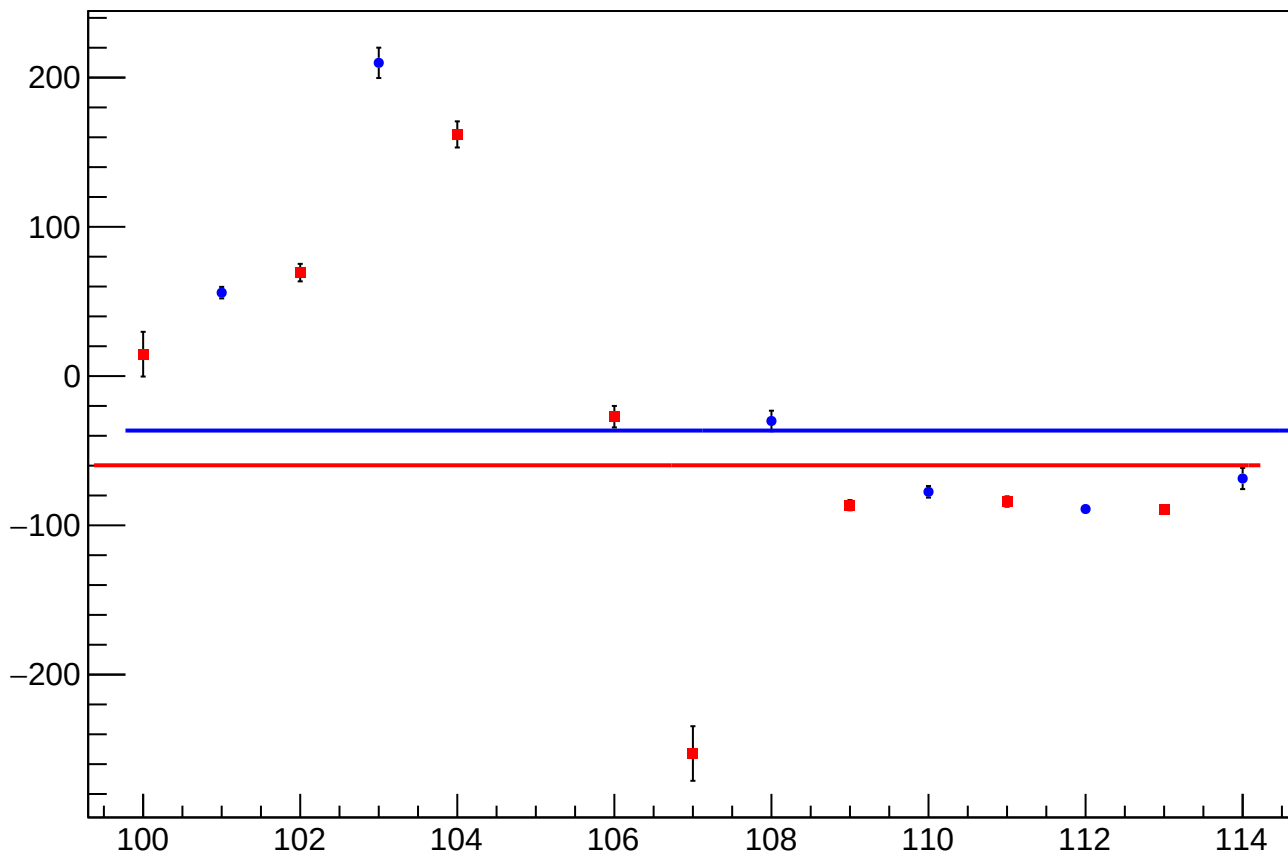
Right: -0.349 $\pm$ 0.021 χ^2 /NDF: 314.8/13

In: -0.337 $\pm$ 0.031 χ^2 /NDF:23.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.349 $\pm$ 0.021 χ^2 /NDF: 314.8/13

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.498 $\pm$ 1.871 χ^2 /NDF: 1572.8/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -59.767 $\pm$ 1.742 χ^2 /NDF: 1472.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

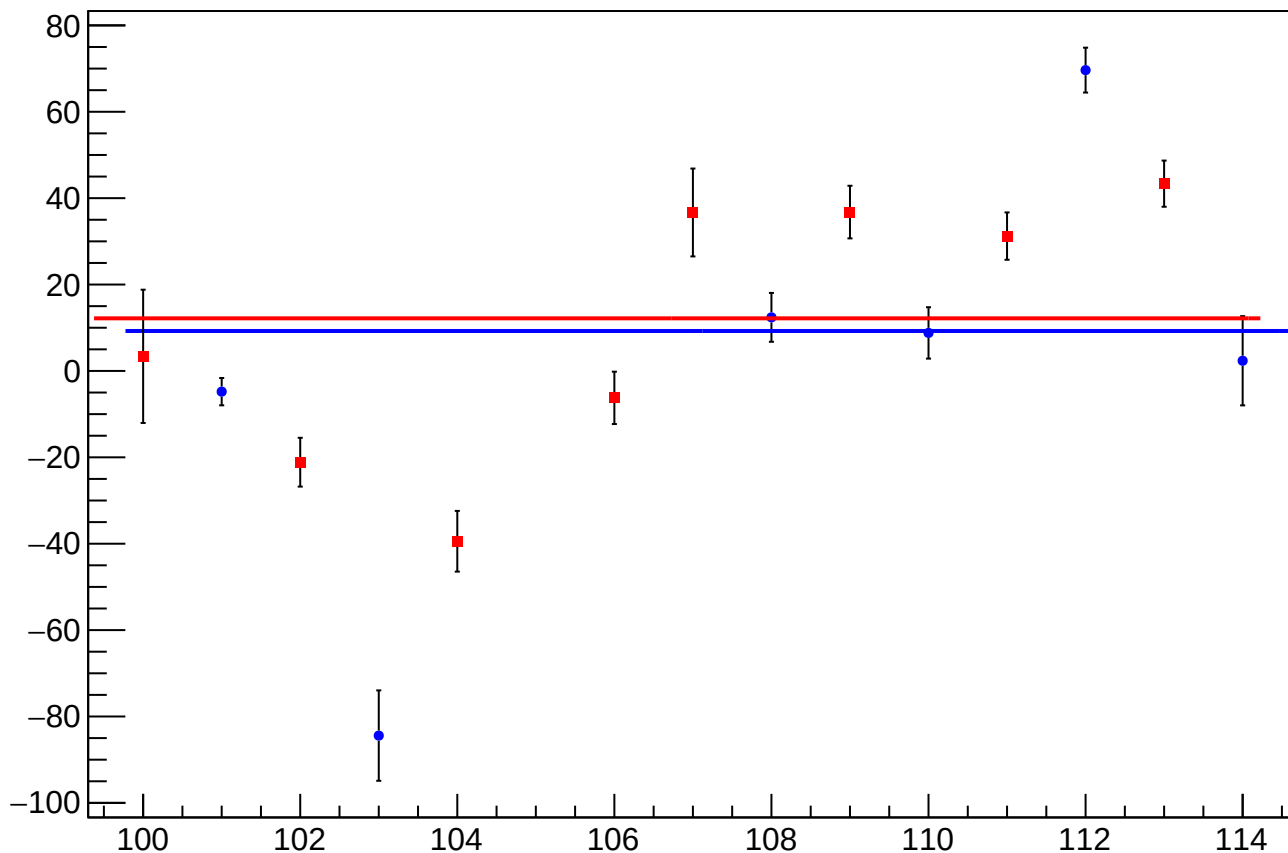
Right: -48.964 $\pm$ 1.275 χ^2 /NDF: 3127.7/13

In: -36.498 $\pm$ 1.871 χ^2 /NDF:1572.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.964 $\pm$ 1.275 χ^2 /NDF: 3127.7/13

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

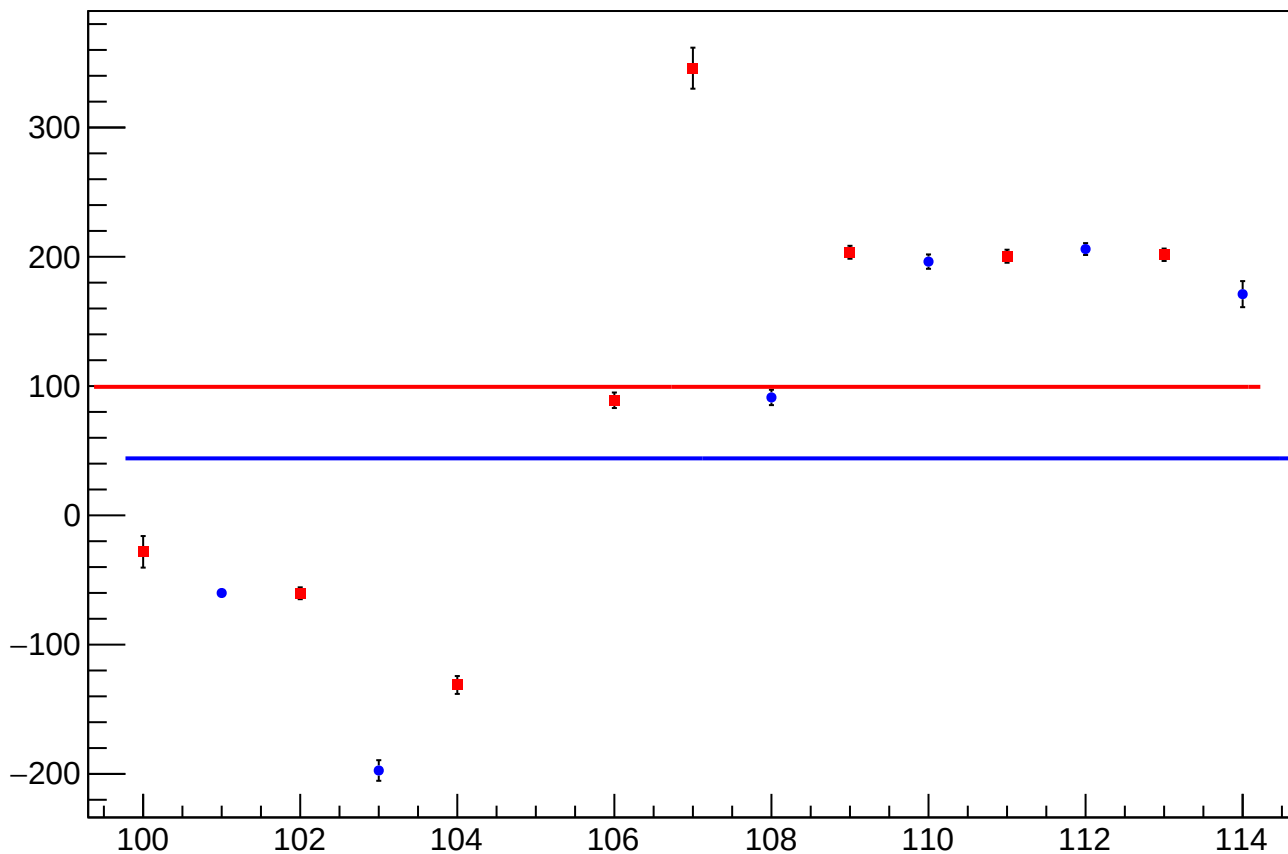
Right: 10.616+/-1.575 χ^2/NDF : 403.0/13

In: 9.251+/-2.157 χ^2/NDF : 235.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.616+/-1.575 χ^2/NDF : 403.0/13

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

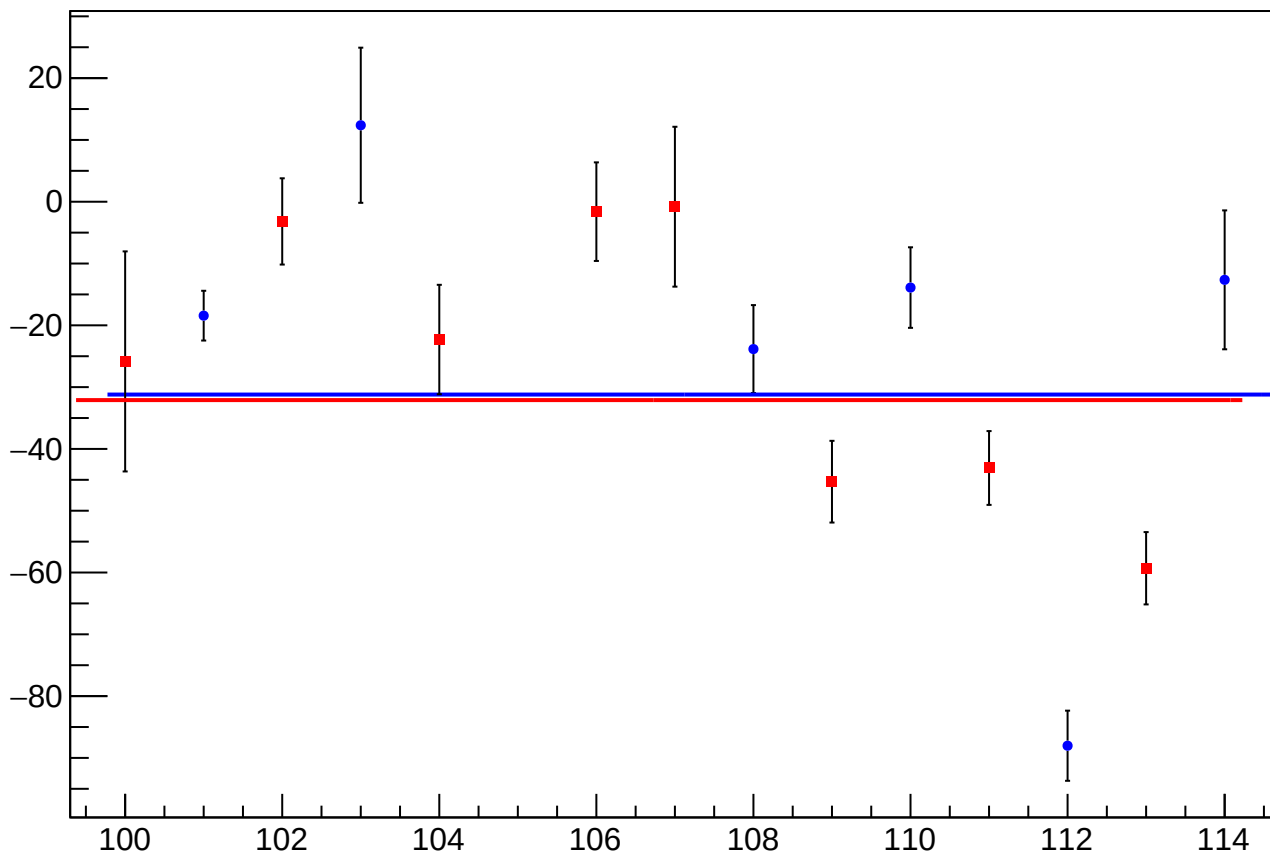
Right: 70.955+/-1.454 χ^2 /NDF: 8645.1/13

In: 44.073+/-2.028 χ^2 /NDF:4317.7/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 70.955+/-1.454 χ^2 /NDF: 8645.1/13

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

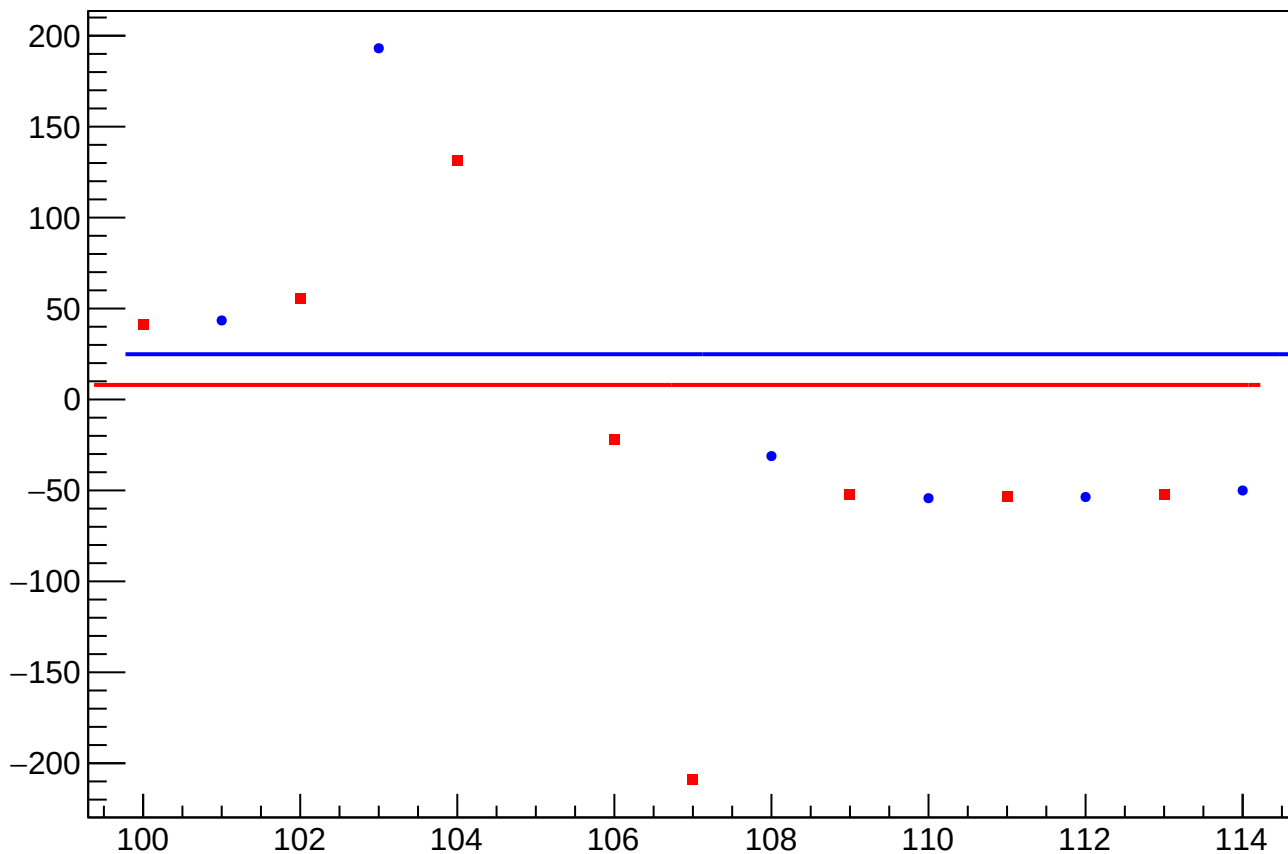
Right: -31.632+/-1.862 χ^2/NDF : 201.3/13

In: -31.203+/-2.579 χ^2/NDF :133.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.632+/-1.862 χ^2/NDF : 201.3/13

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

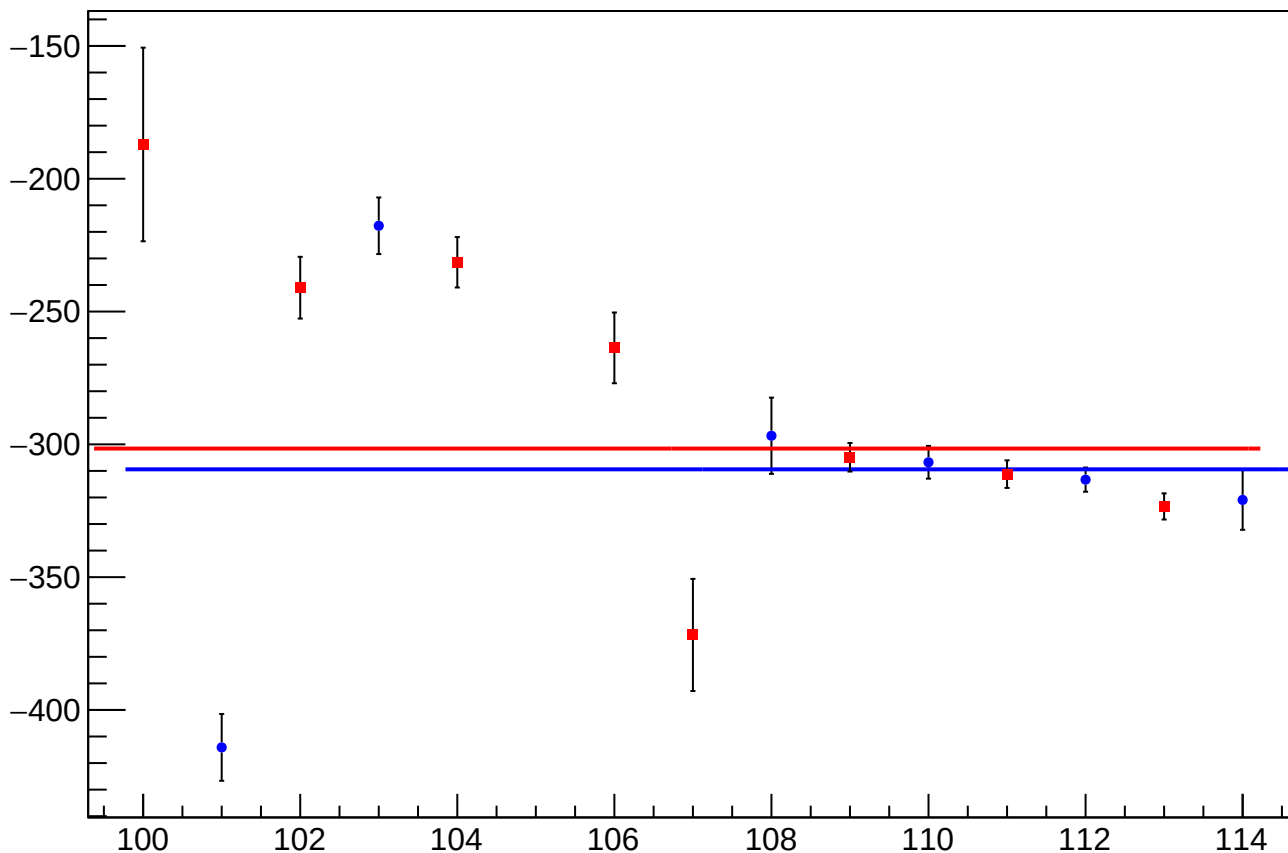
Right: 16.316+/-0.083 χ^2/NDF : 809432.6/13

In: 24.881+/-0.119 χ^2/NDF : 401419.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.316+/-0.083 χ^2/NDF : 809432.6/13

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

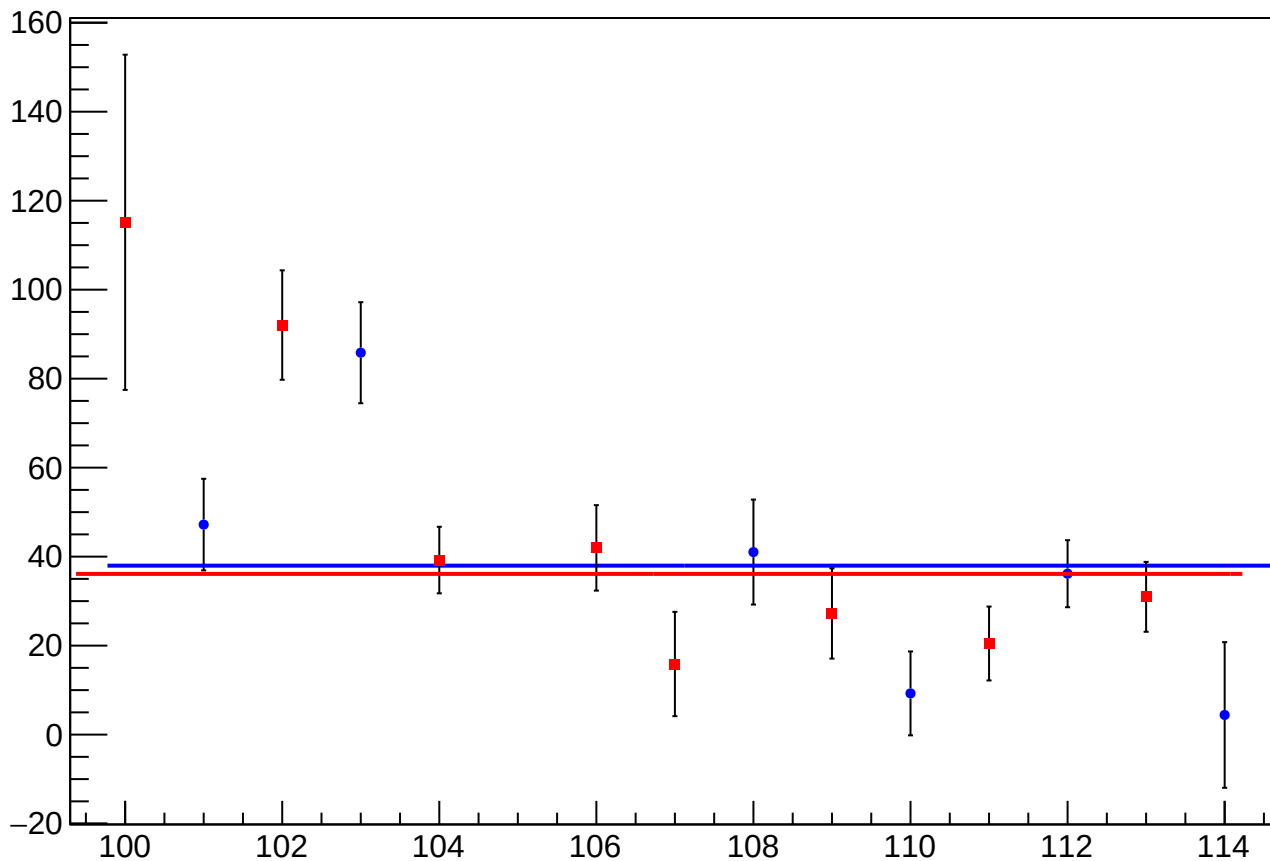
Right: -304.891+/-2.031 χ^2 /NDF: 283.8/13

In: -309.407+/-3.123 χ^2 /NDF:146.0/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -304.891+/-2.031 χ^2 /NDF: 283.8/13

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

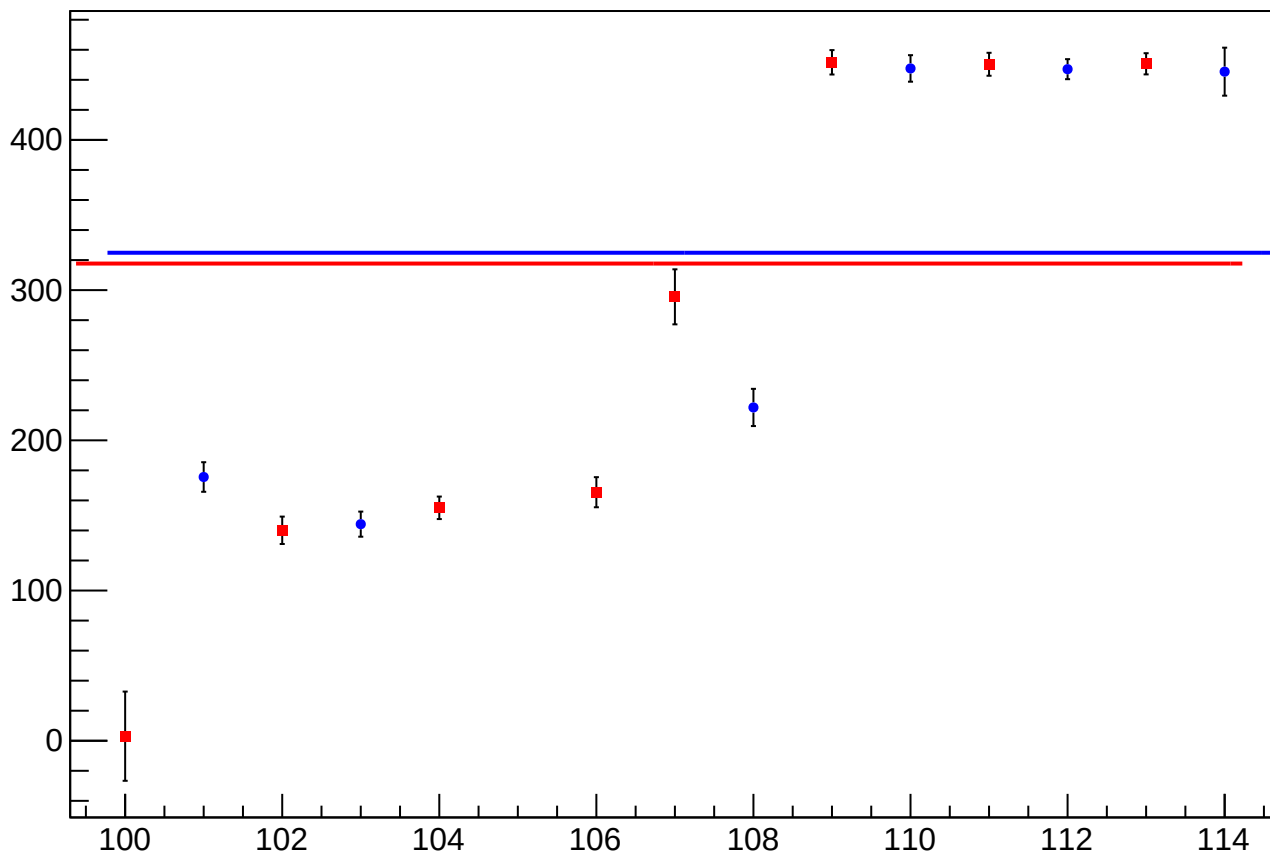
Right: 36.871+/-2.666 χ^2/NDF : 65.6/13

In: 37.973+/-4.189 χ^2/NDF : 32.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.871+/-2.666 χ^2/NDF : 65.6/13

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

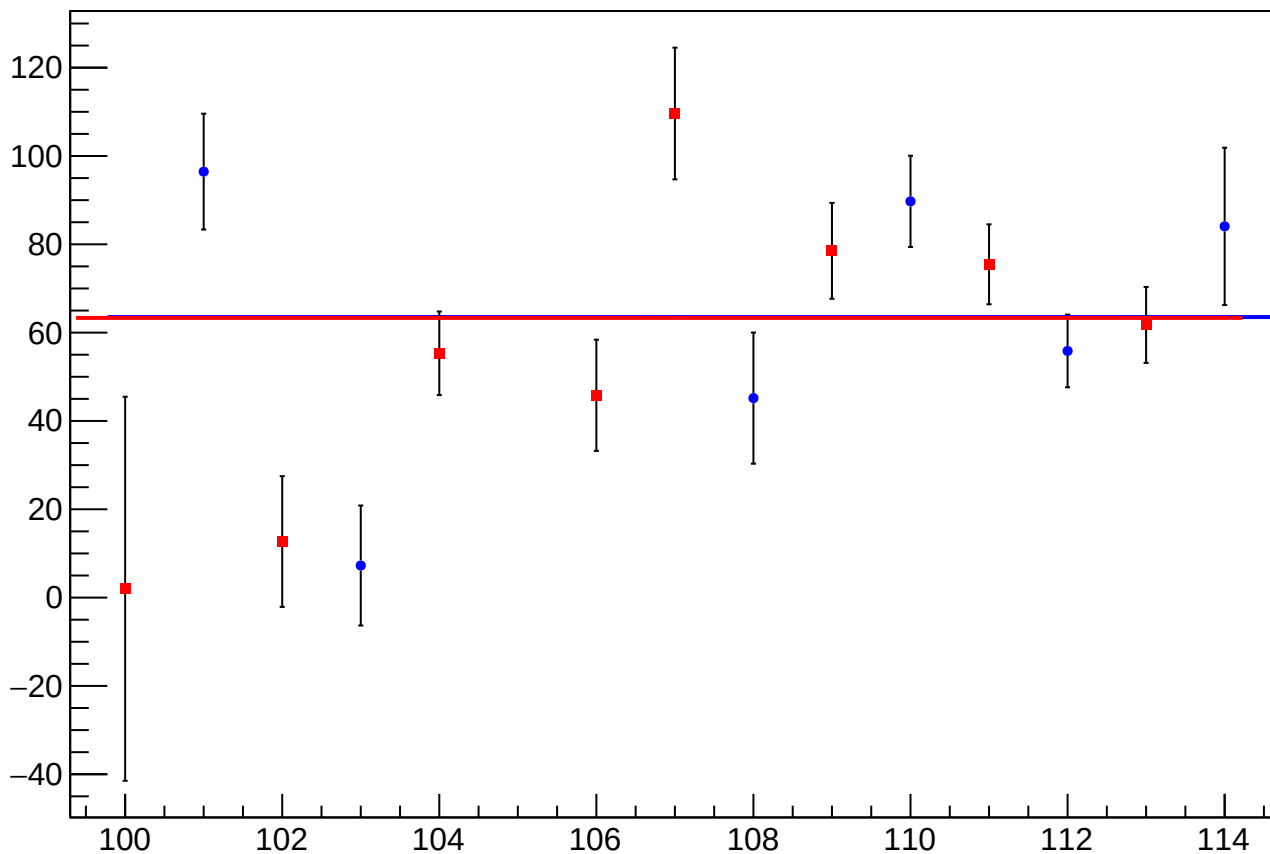
Right: 320.722+/-2.449 χ^2/NDF : 3478.8/13

In: 324.881+/-3.769 χ^2/NDF : 1352.2/5

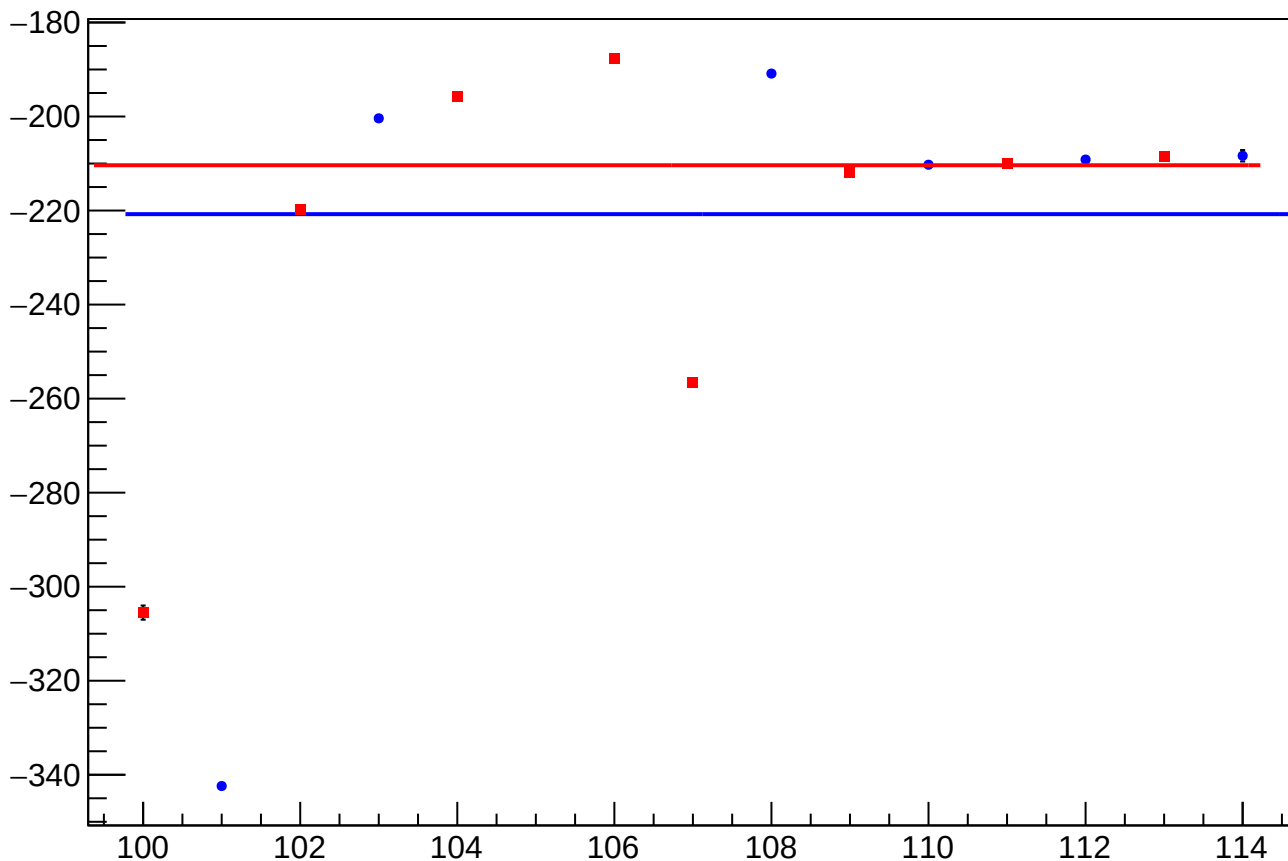
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.722+/-2.449 χ^2/NDF : 3478.8/13

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

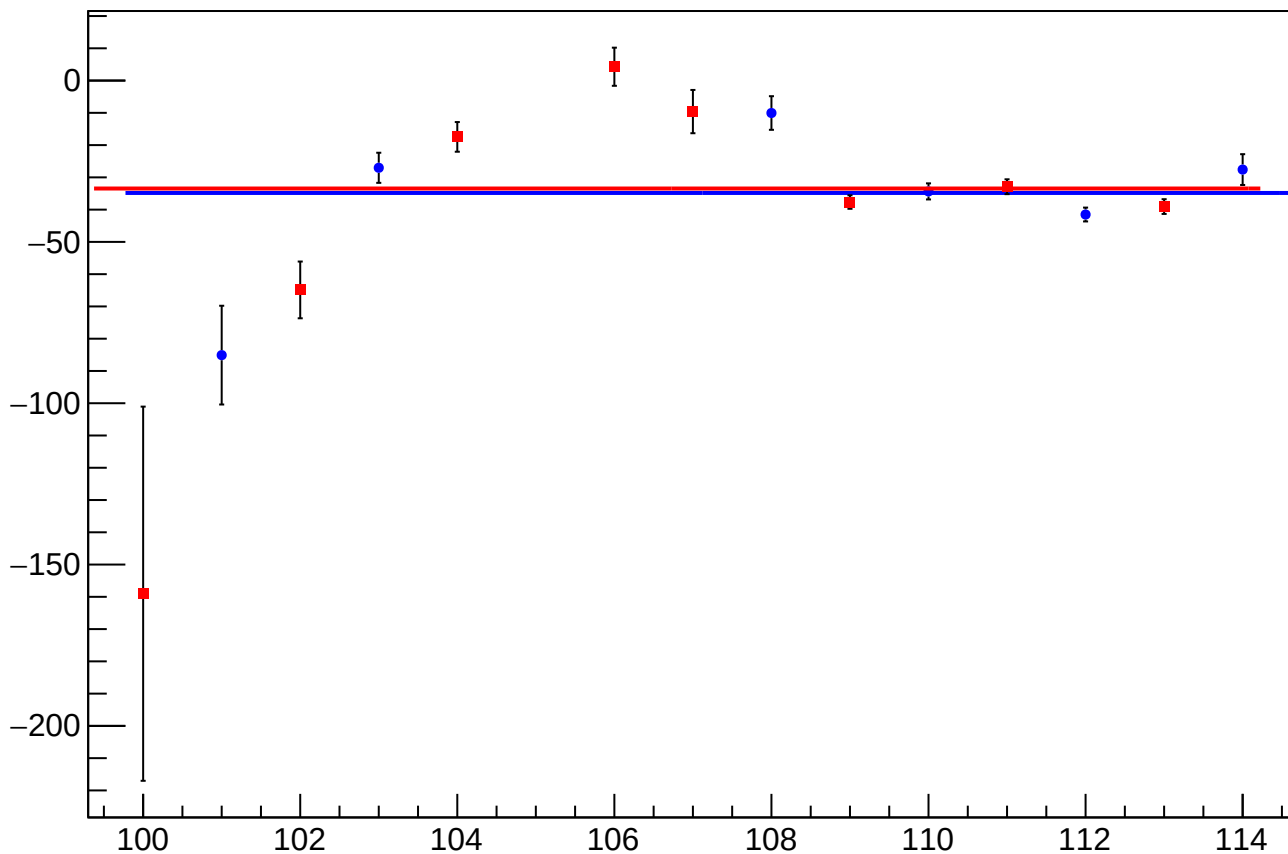
Right: -214.776 $\pm$ 0.142 χ^2 /NDF: 63392.3/13

In: -220.767 $\pm$ 0.218 χ^2 /NDF:50364.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -214.776 $\pm$ 0.142 χ^2 /NDF: 63392.3/13

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

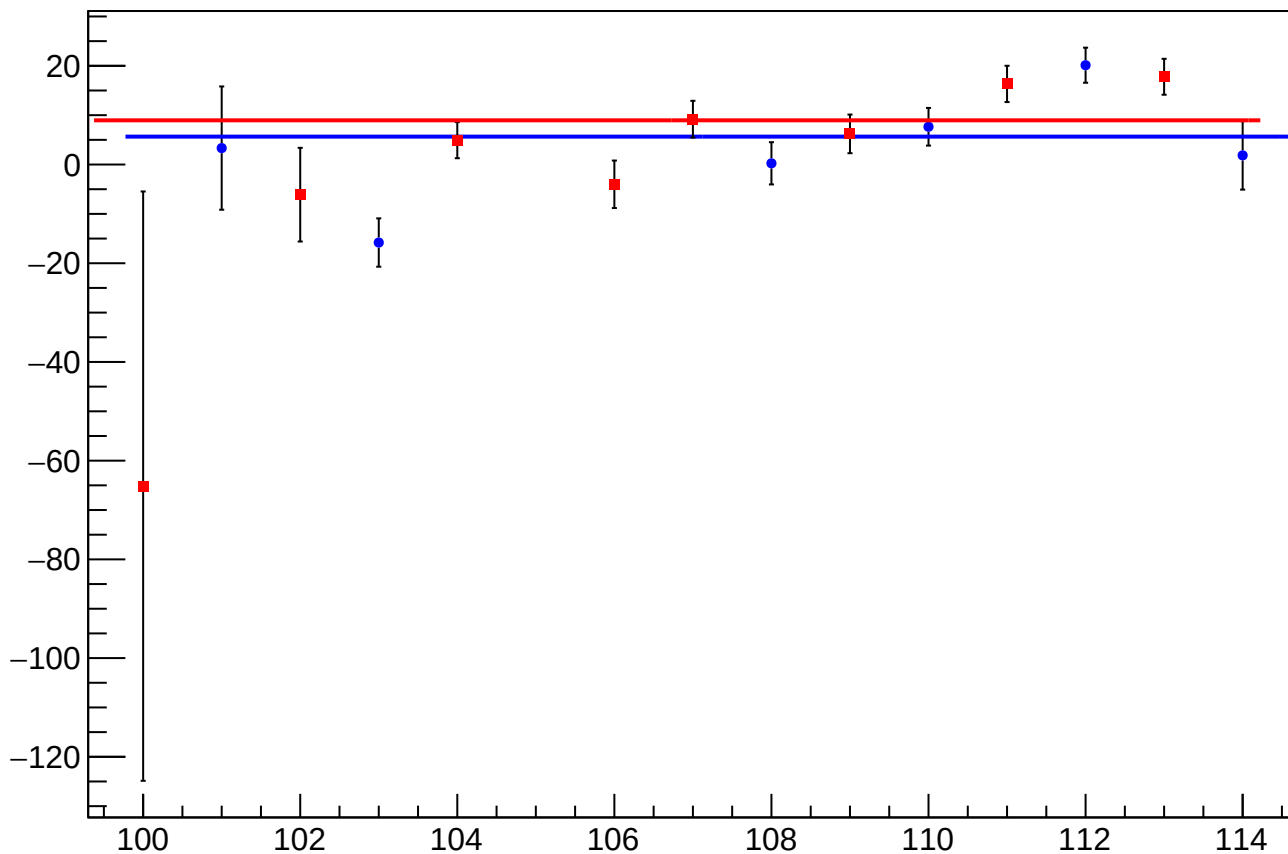
Right: -34.024+/-0.902 χ^2/NDF : 141.9/13

In: -34.830+/-1.401 χ^2/NDF : 48.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.024+/-0.902 χ^2/NDF : 141.9/13

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.655+/-1.920 χ^2/NDF : 38.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.958+/-1.550 χ^2/NDF : 22.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

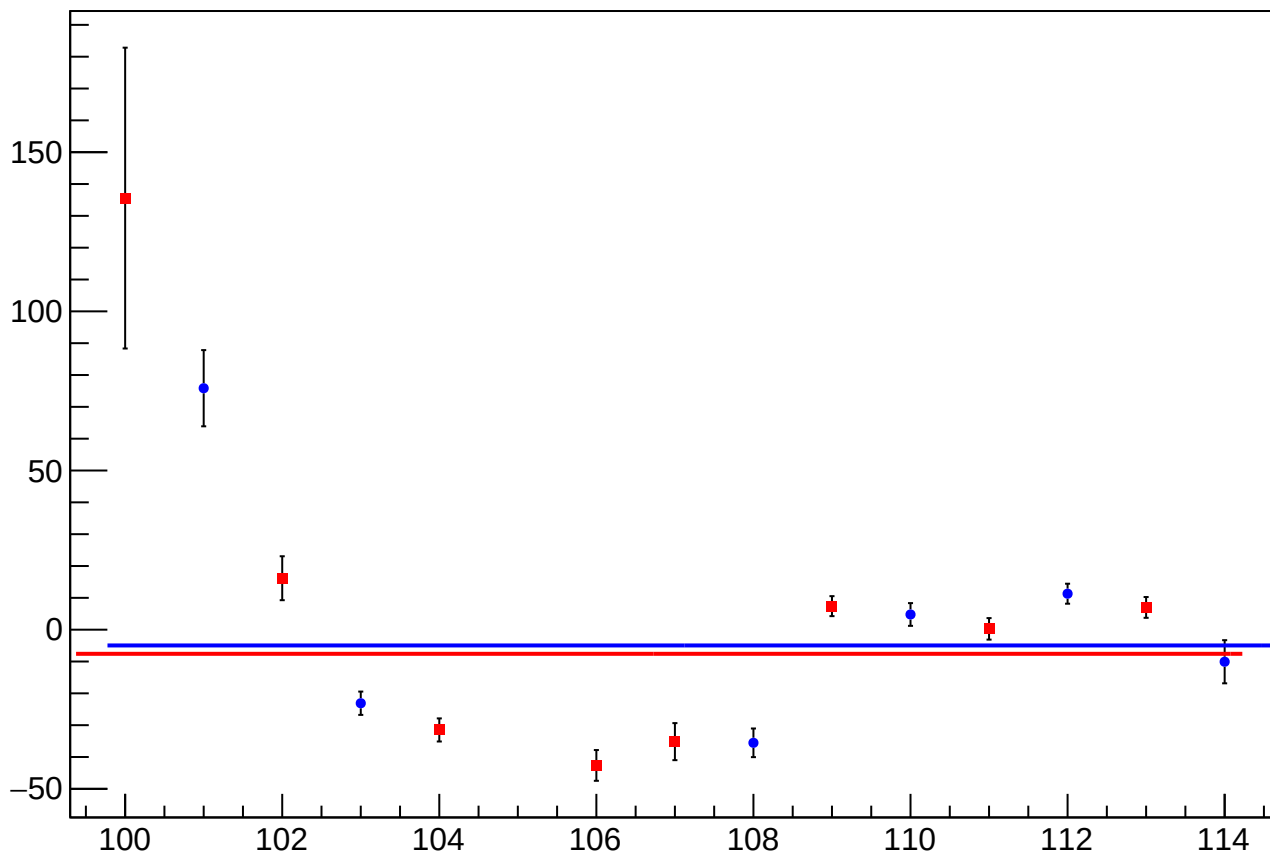
Right: 7.654+/-1.206 χ^2/NDF : 62.7/13

In: 5.655+/-1.920 χ^2/NDF : 38.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.654+/-1.206 χ^2/NDF : 62.7/13

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

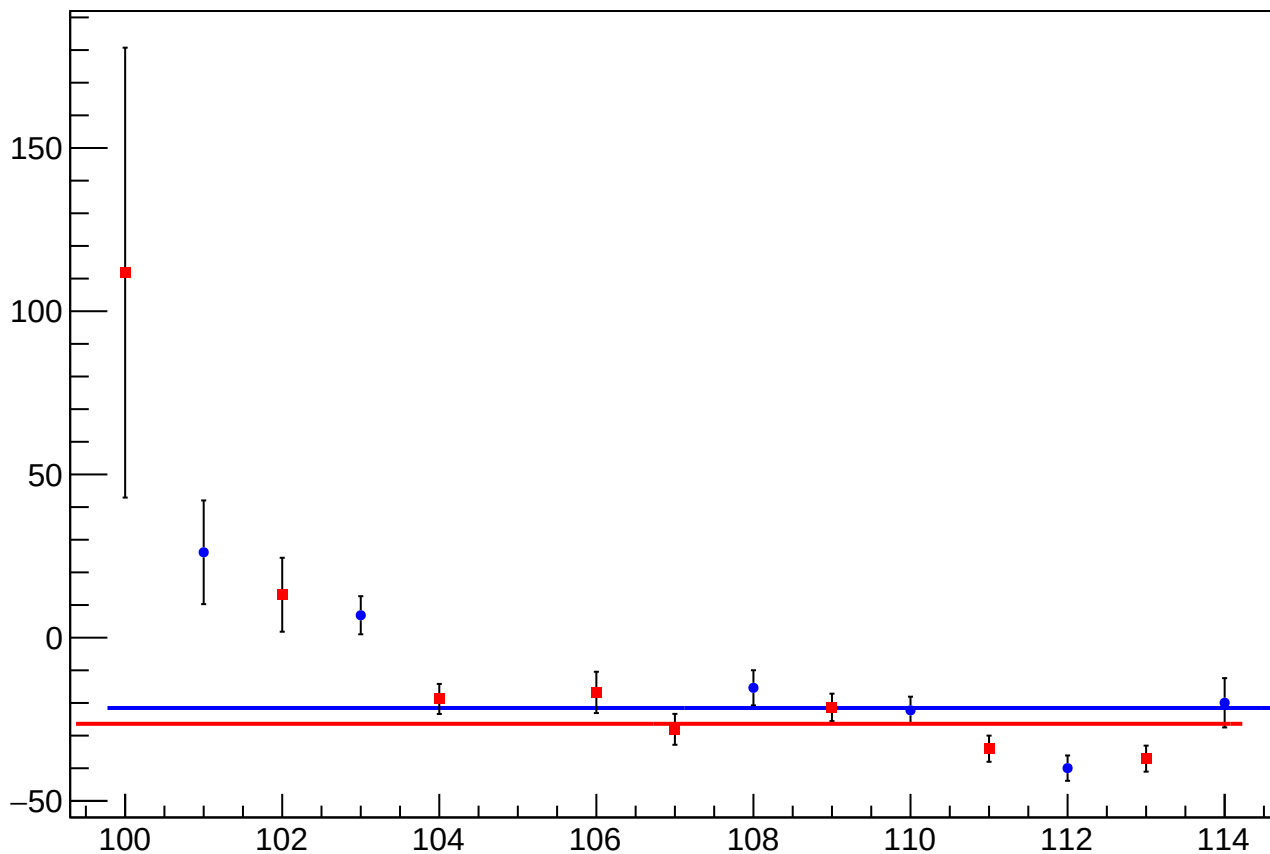
Right: -6.470 ± 1.129 χ^2/NDF : 340.1/13

In: -4.955 ± 1.734 χ^2/NDF : 151.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.470 ± 1.129 χ^2/NDF : 340.1/13

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.539 $\pm$ 2.188 χ^2 /NDF: 56.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.387 $\pm$ 1.805 χ^2 /NDF: 33.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

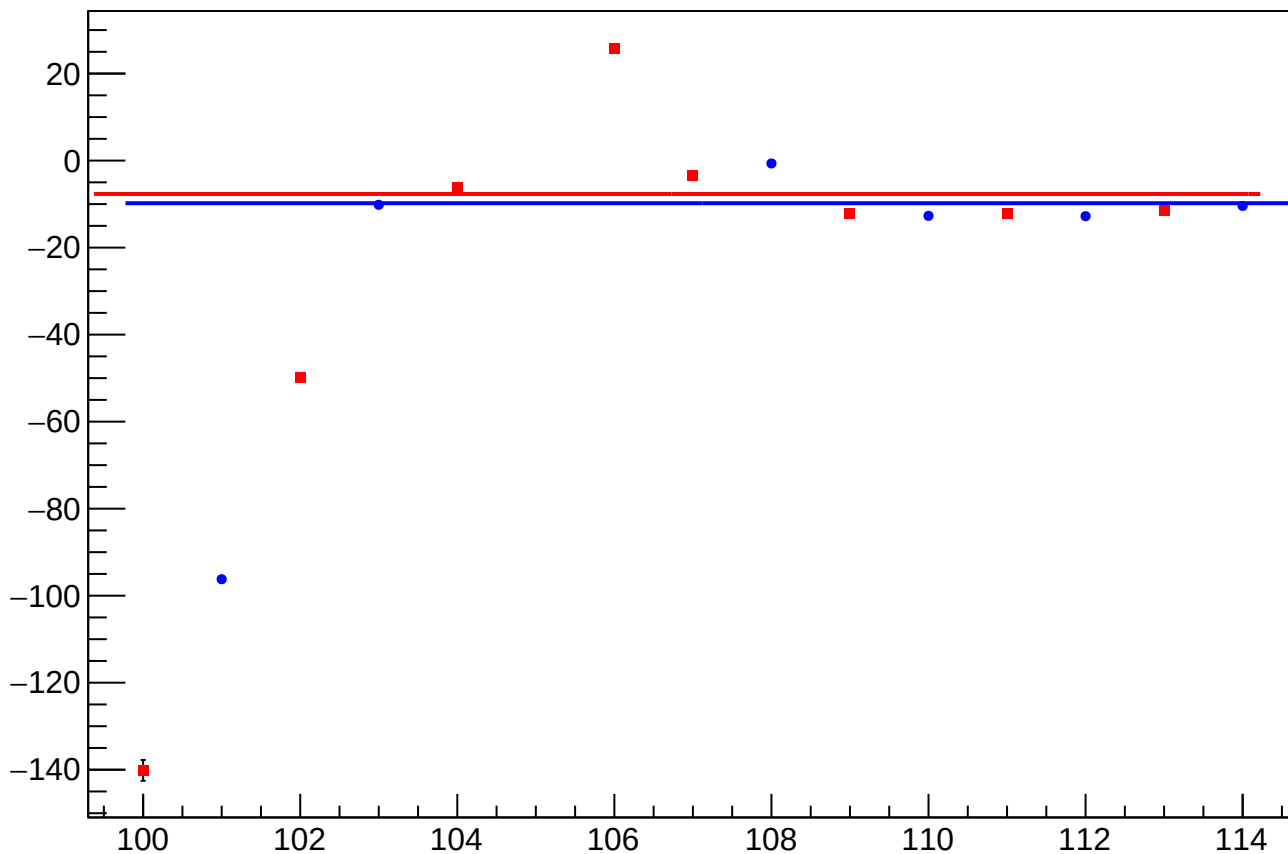
Right: -24.423 $\pm$ 1.392 χ^2 /NDF: 93.2/13

In: -21.539 $\pm$ 2.188 χ^2 /NDF:56.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.423 $\pm$ 1.392 χ^2 /NDF: 93.2/13

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

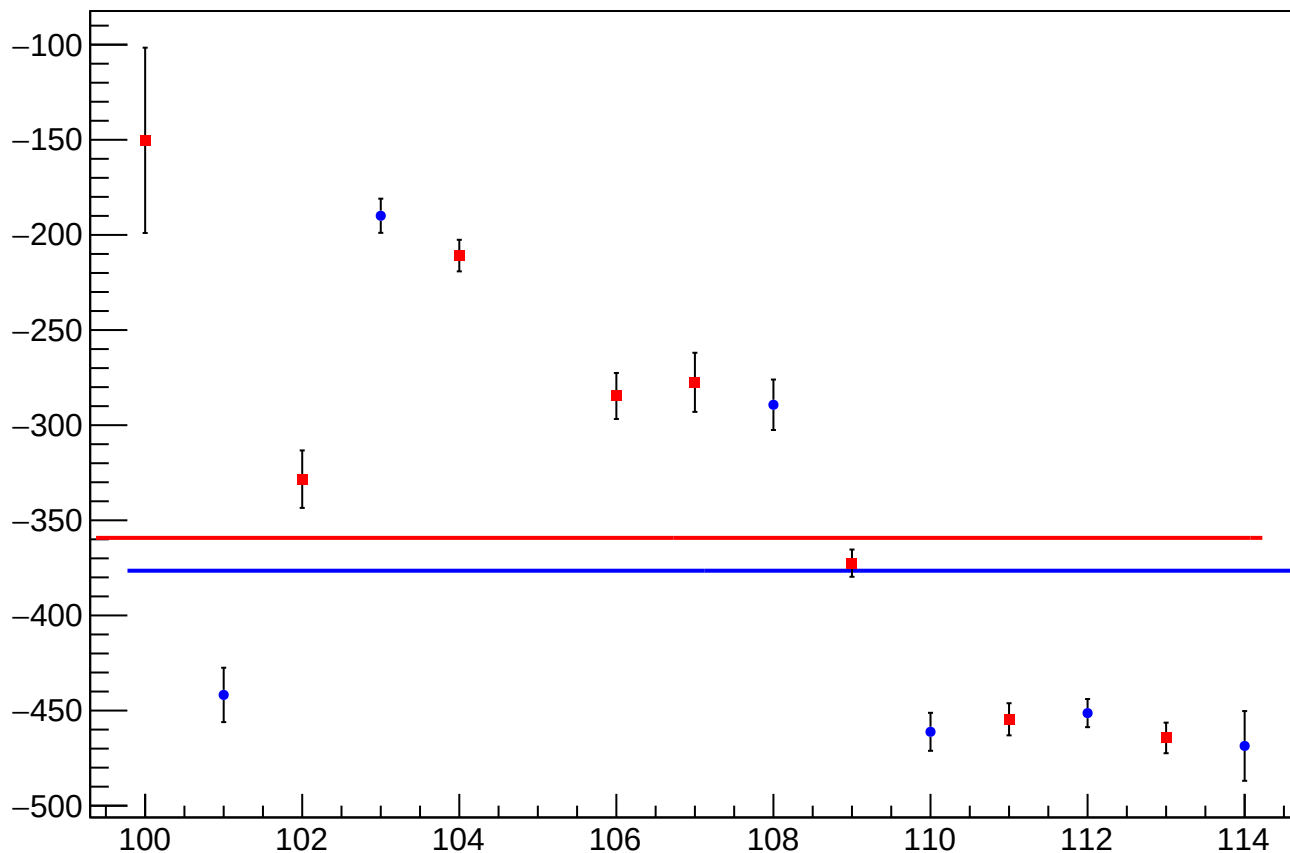
Right: -8.622+/-0.065 χ^2/NDF : 63552.8/13

In: -9.799+/-0.097 χ^2/NDF : 17618.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.622+/-0.065 χ^2/NDF : 63552.8/13

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

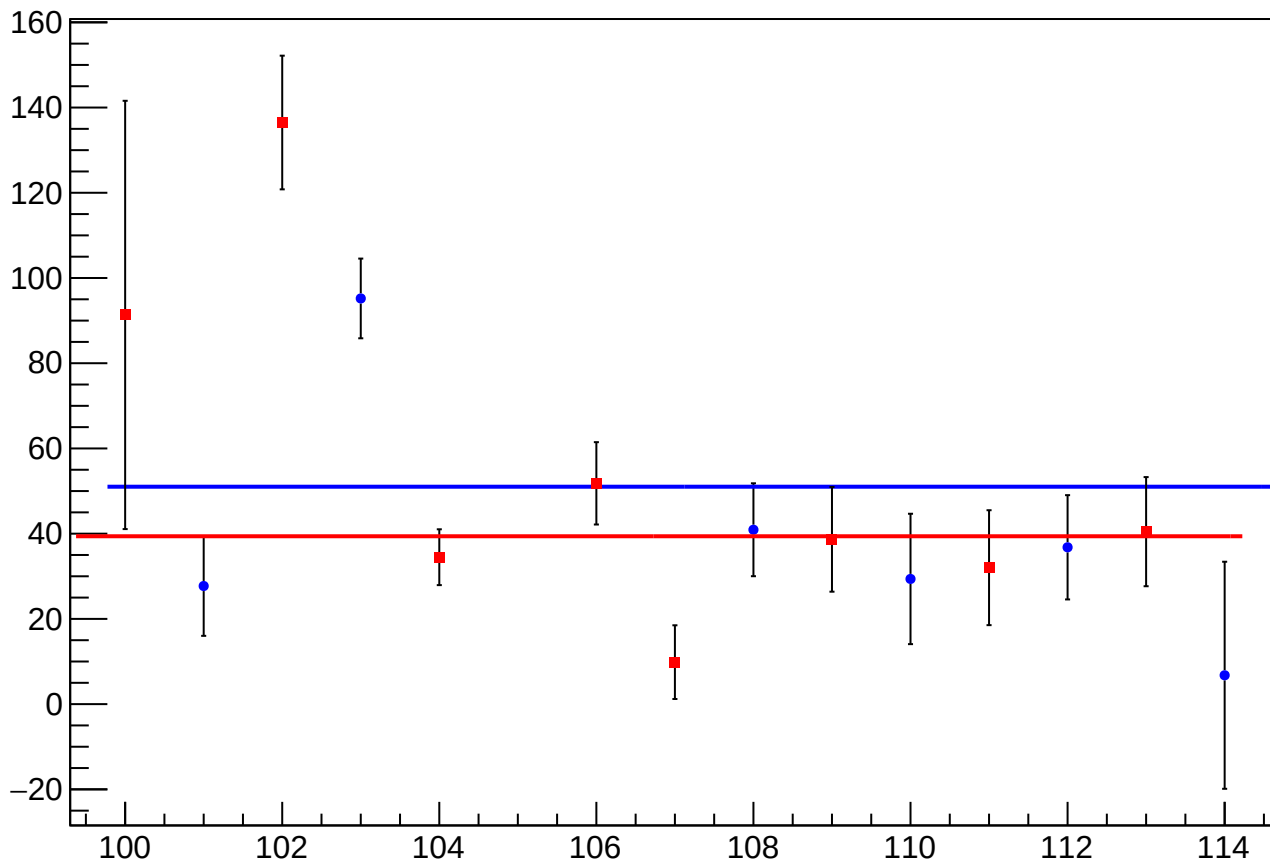
Right: -366.240+/-2.735 χ^2 /NDF: 1415.8/13

In: -376.492+/-4.293 χ^2 /NDF:695.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -366.240+/-2.735 χ^2 /NDF: 1415.8/13

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 51.021+/-5.030 χ^2/NDF : 33.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.393+/-3.778 χ^2/NDF : 53.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

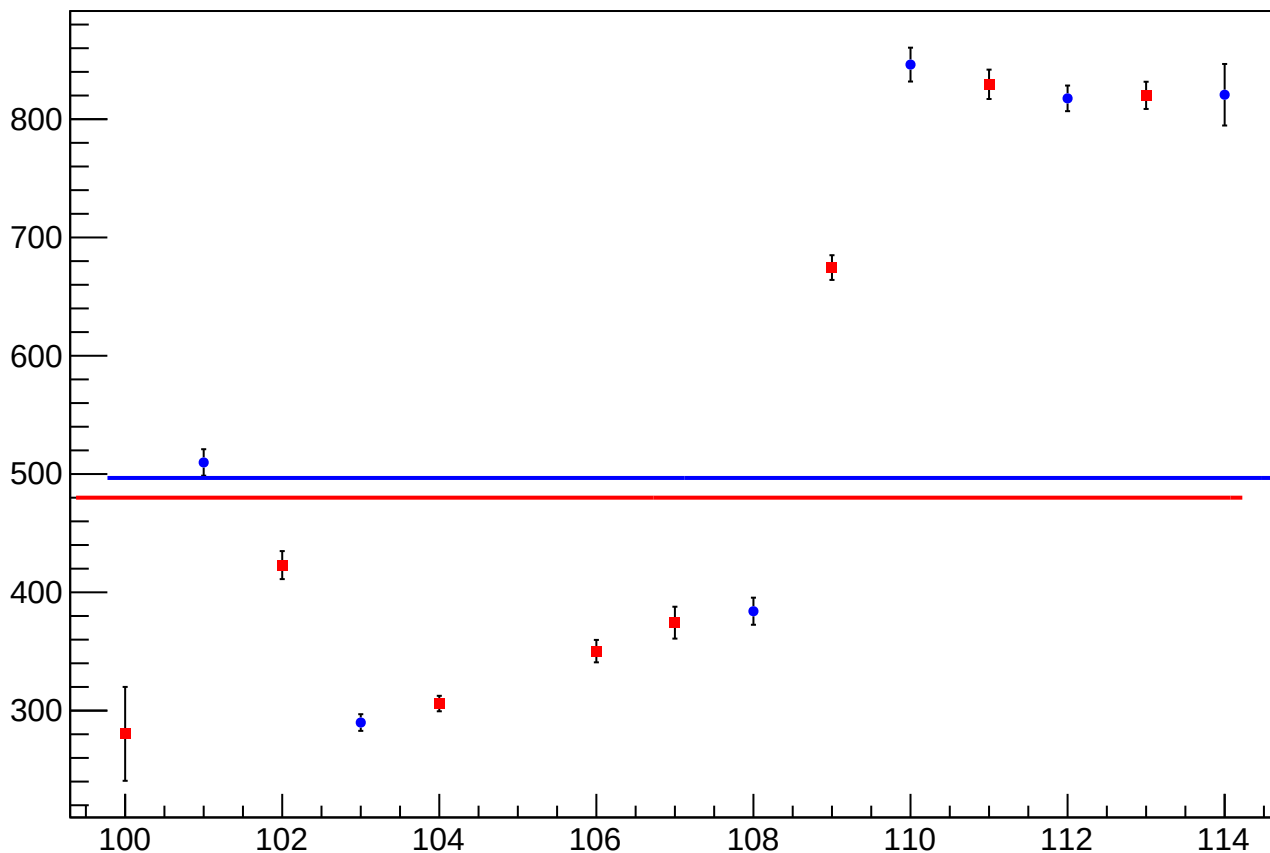
Right: 43.586+/-3.021 χ^2/NDF : 90.2/13

In: 51.021+/-5.030 χ^2/NDF : 33.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.586+/-3.021 χ^2/NDF : 90.2/13

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 496.694+/-4.444 χ^2/NDF : 2588.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.024+/-3.754 χ^2/NDF : 3019.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

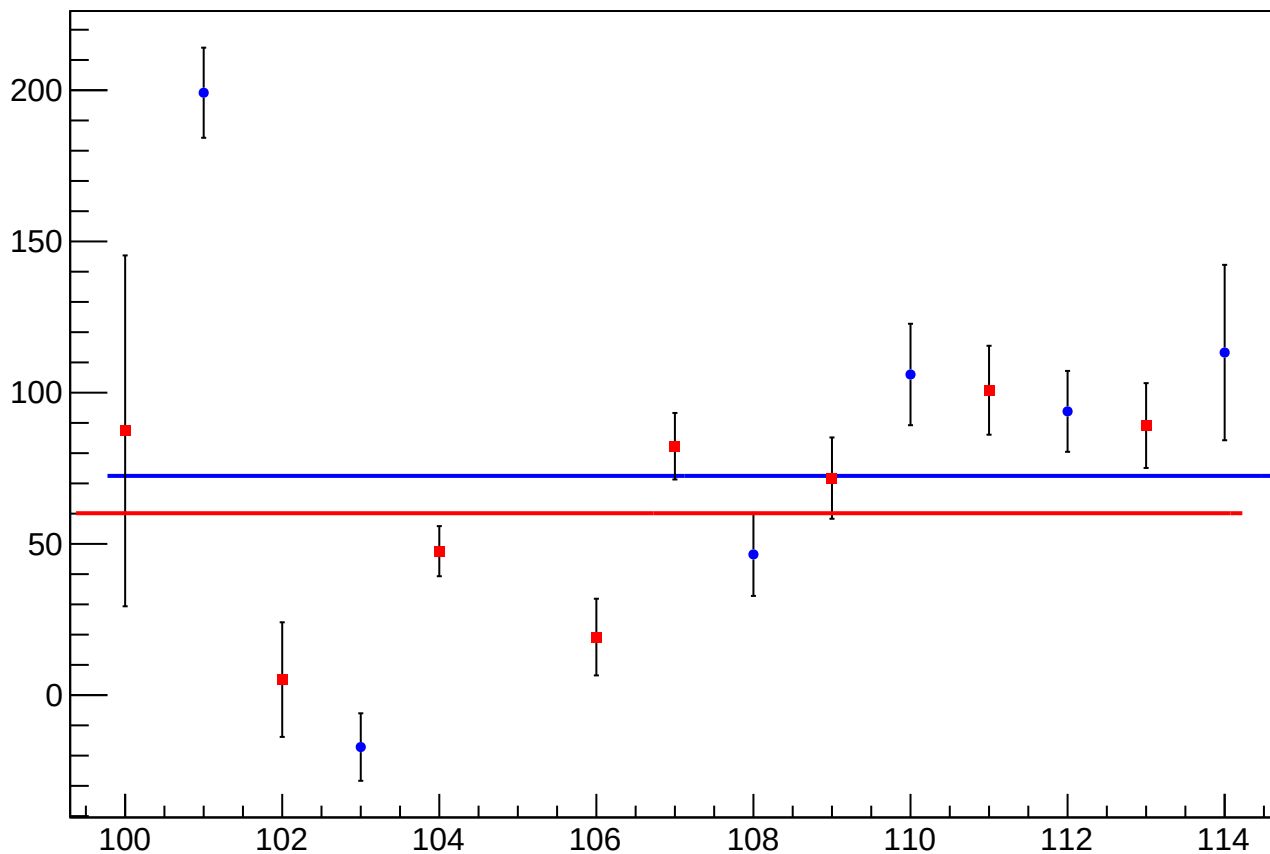
Right: 486.967+/-2.868 χ^2/NDF : 5615.9/13

In: 496.694+/-4.444 χ^2/NDF : 2588.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.967+/-2.868 χ^2/NDF : 5615.9/13

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.485+/-5.957 χ^2/NDF : 149.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.145+/-4.594 χ^2/NDF : 38.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

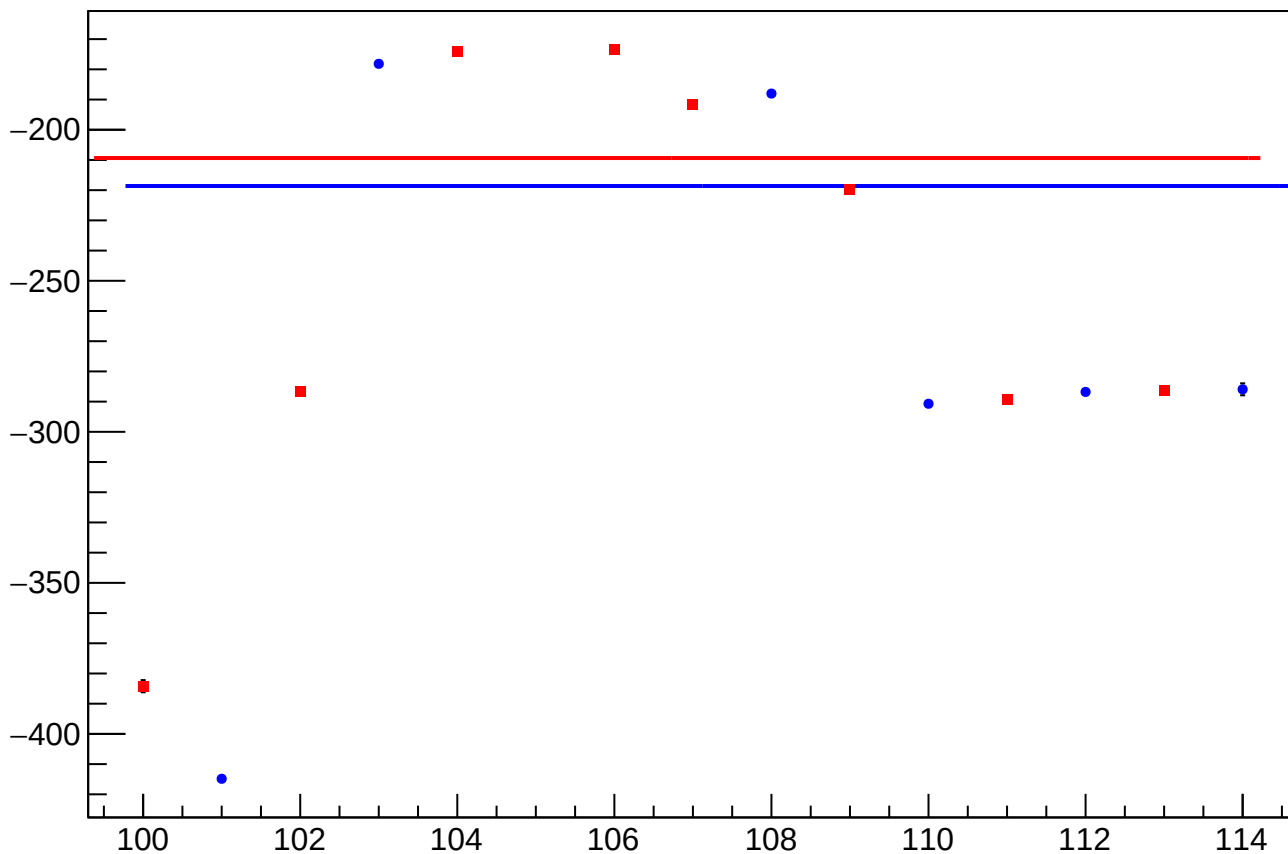
Right: 64.747+/-3.638 χ^2/NDF : 189.8/13

In: 72.485+/-5.957 χ^2/NDF : 149.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.747+/-3.638 χ^2/NDF : 189.8/13

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

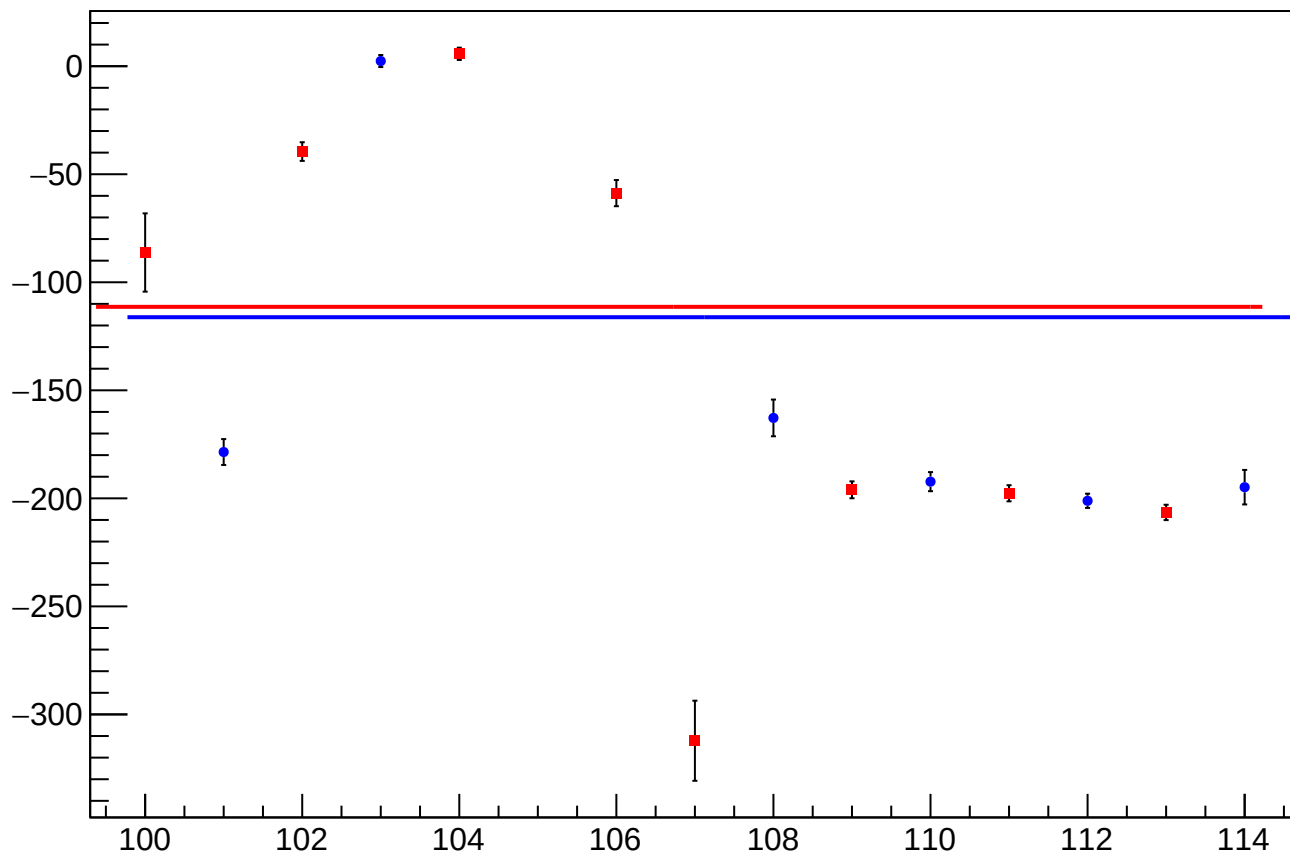
Right: -213.505+/-0.147 χ^2 /NDF: 185065.4/13

In: -218.624+/-0.220 χ^2 /NDF: 120808.3/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -213.505+/-0.147 χ^2 /NDF: 185065.4/13

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

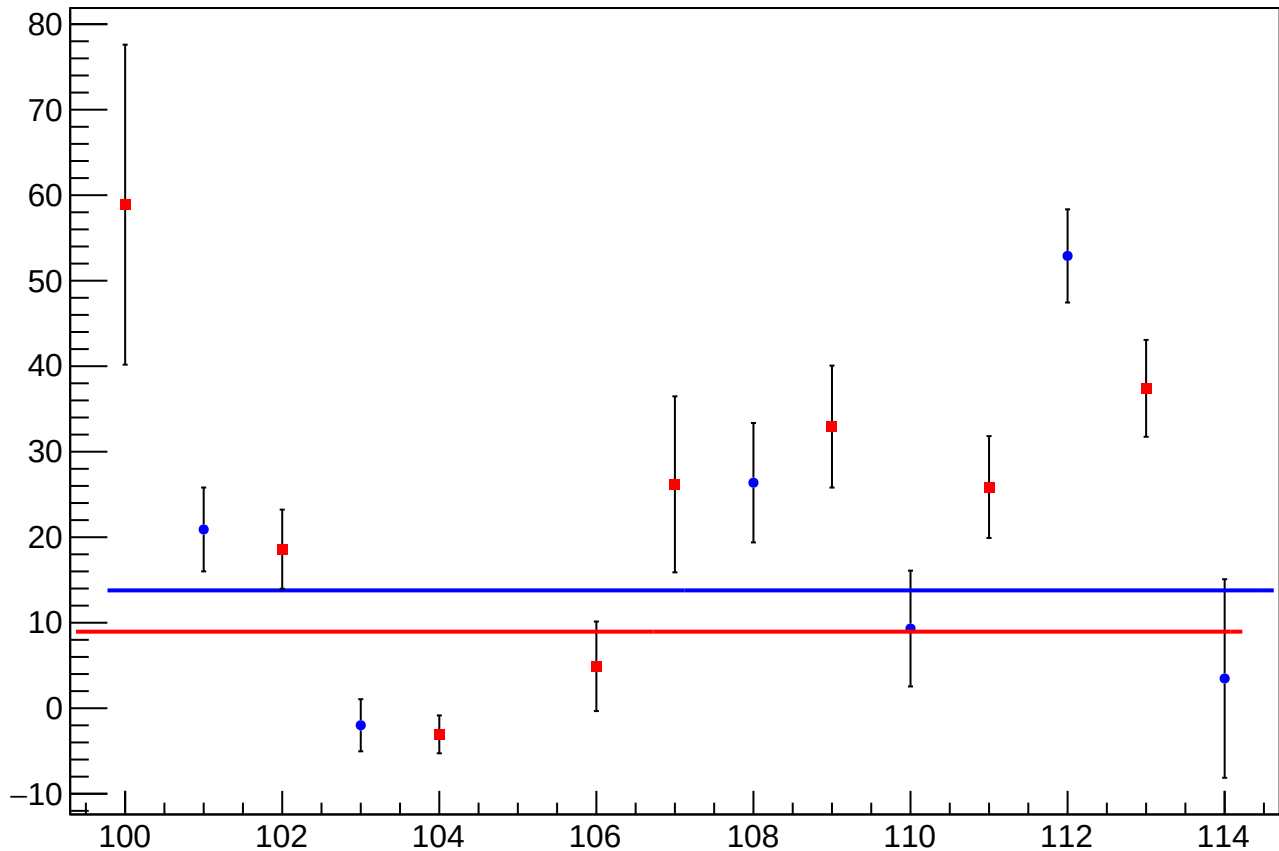
Right: -113.460+/-1.149 χ^2 /NDF: 6916.8/13

In: -116.170+/-1.740 χ^2 /NDF:3017.2/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -113.460+/-1.149 χ^2 /NDF: 6916.8/13

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

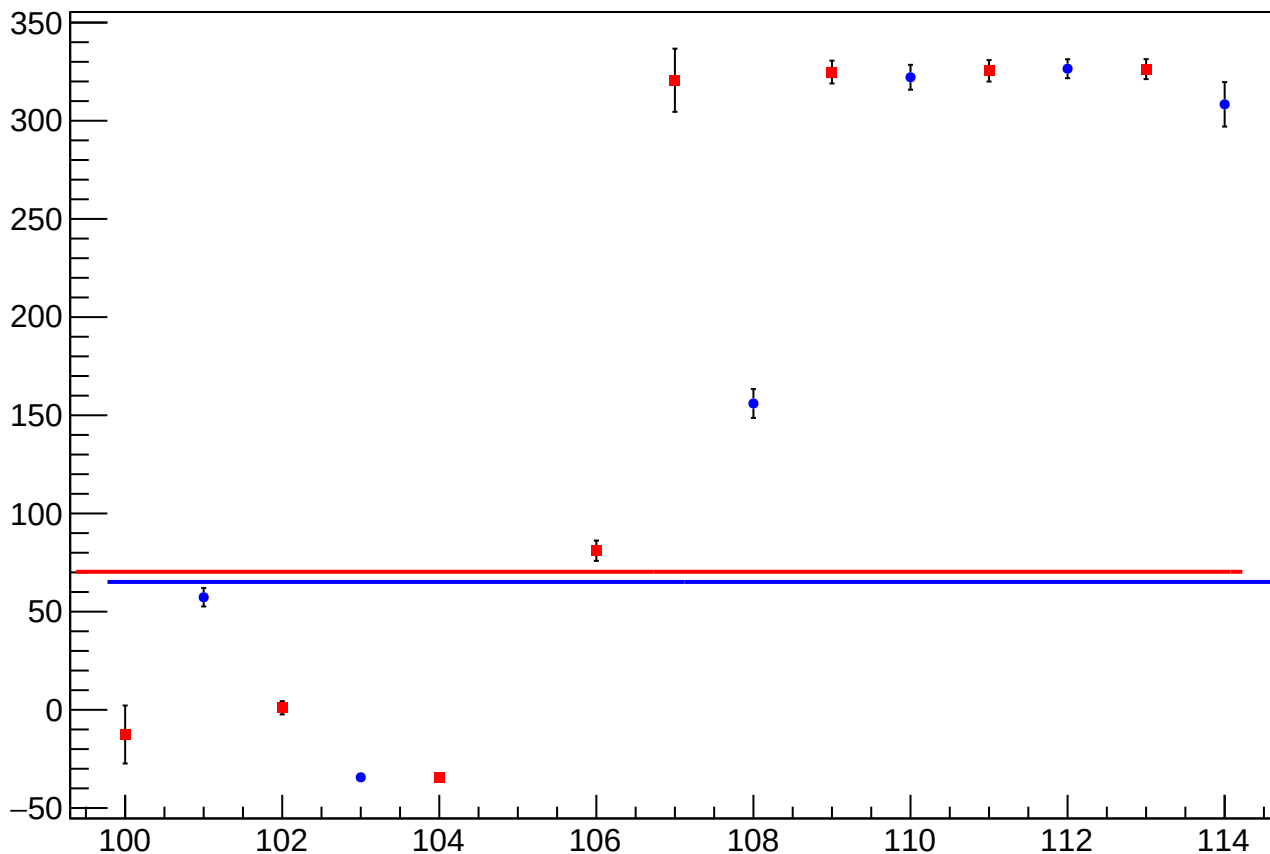
Right: 10.795 $\pm$ 1.280 χ^2 /NDF: 177.0/13

In: 13.781 $\pm$ 2.073 χ^2 /NDF:84.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.795 $\pm$ 1.280 χ^2 /NDF: 177.0/13

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.135 ± 1.692 $\chi^2/\text{NDF}: 7275.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 70.305 ± 1.518 $\chi^2/\text{NDF}: 9495.2/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

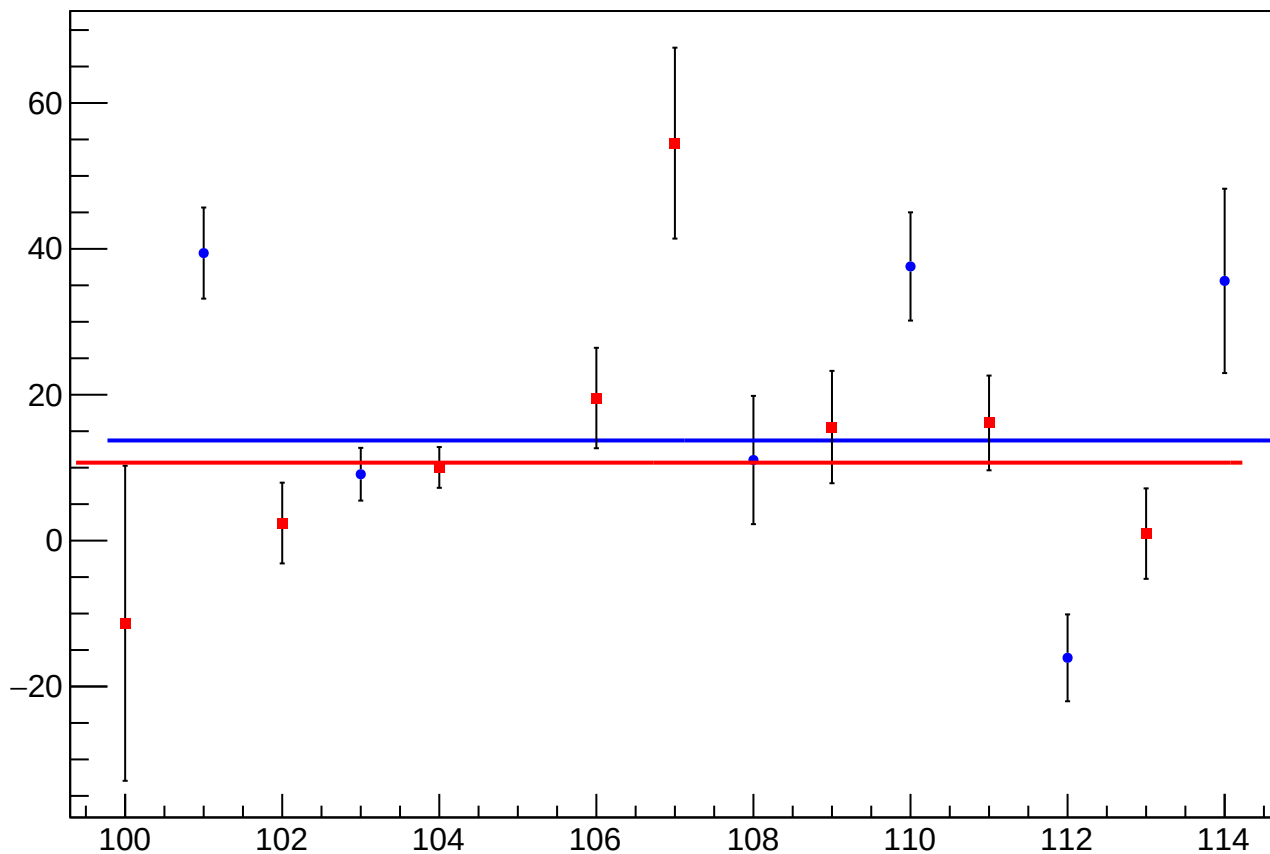
Right: 67.999 ± 1.130 $\chi^2/\text{NDF}: 16775.5/13$

In: 65.135 ± 1.692 $\chi^2/\text{NDF}: 7275.1/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 67.999 ± 1.130 $\chi^2/\text{NDF}: 16775.5/13$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.729+/-2.442 χ^2/NDF : 57.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.688+/-1.975 χ^2/NDF : 19.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

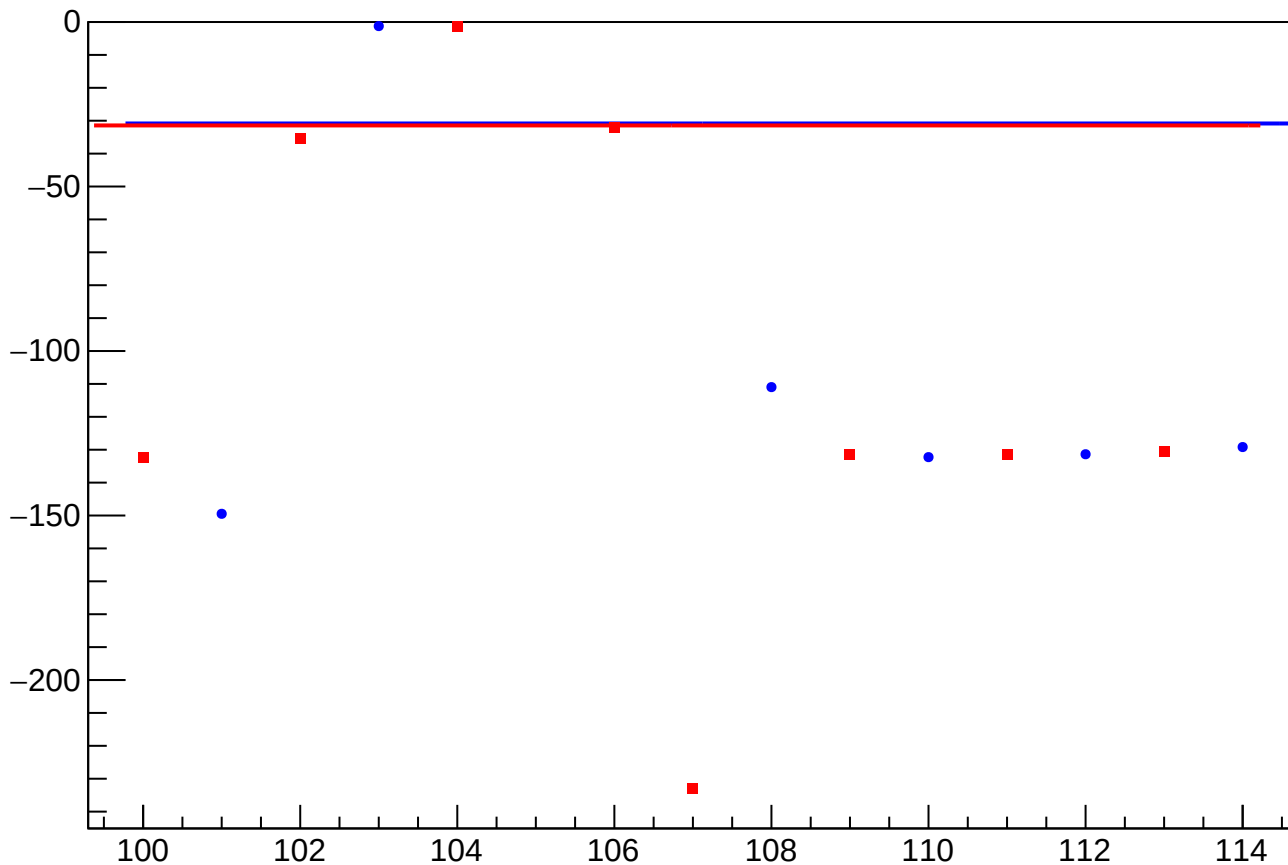
Right: 11.891+/-1.536 χ^2/NDF : 77.7/13

In: 13.729+/-2.442 χ^2/NDF : 57.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.891+/-1.536 χ^2/NDF : 77.7/13

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -30.842+/-0.080 χ^2/NDF : 478114.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.434+/-0.074 χ^2/NDF : 374045.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

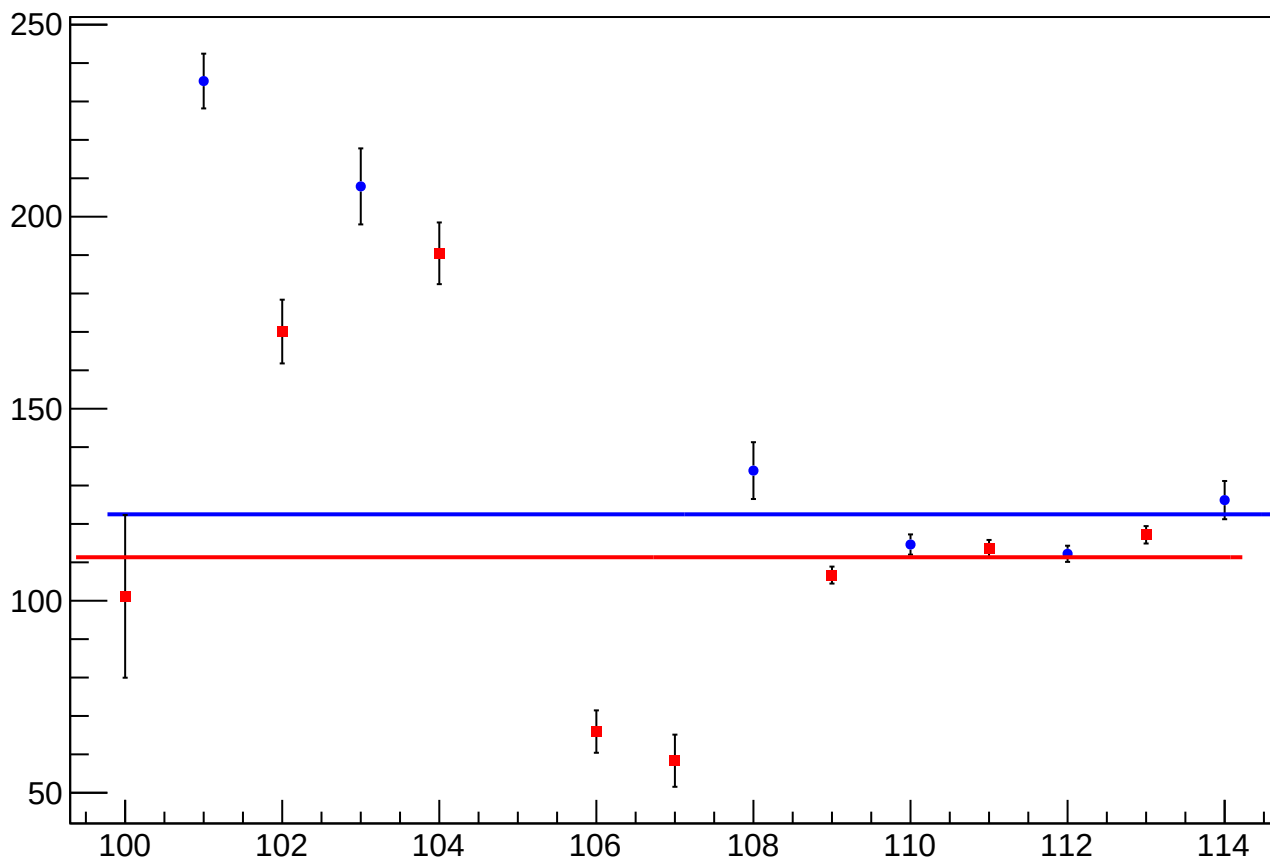
Right: -31.161+/-0.054 χ^2/NDF : 852189.7/13

In: -30.842+/-0.080 χ^2/NDF : 478114.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.161+/-0.054 χ^2/NDF : 852189.7/13

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

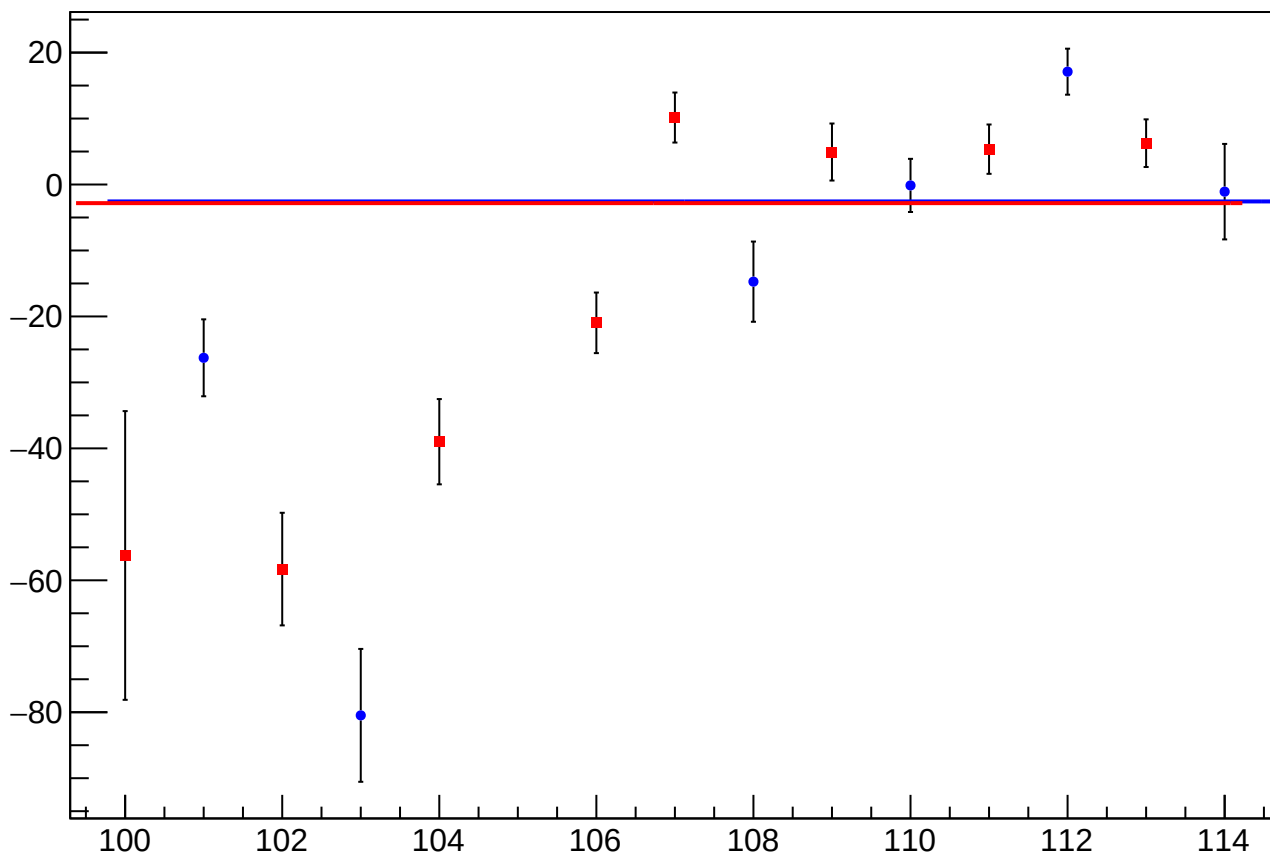
Right: 115.864 $\pm$ 0.942 χ^2 /NDF: 682.5/13

In: 122.502 $\pm$ 1.478 χ^2 /NDF:360.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.864 $\pm$ 0.942 χ^2 /NDF: 682.5/13

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

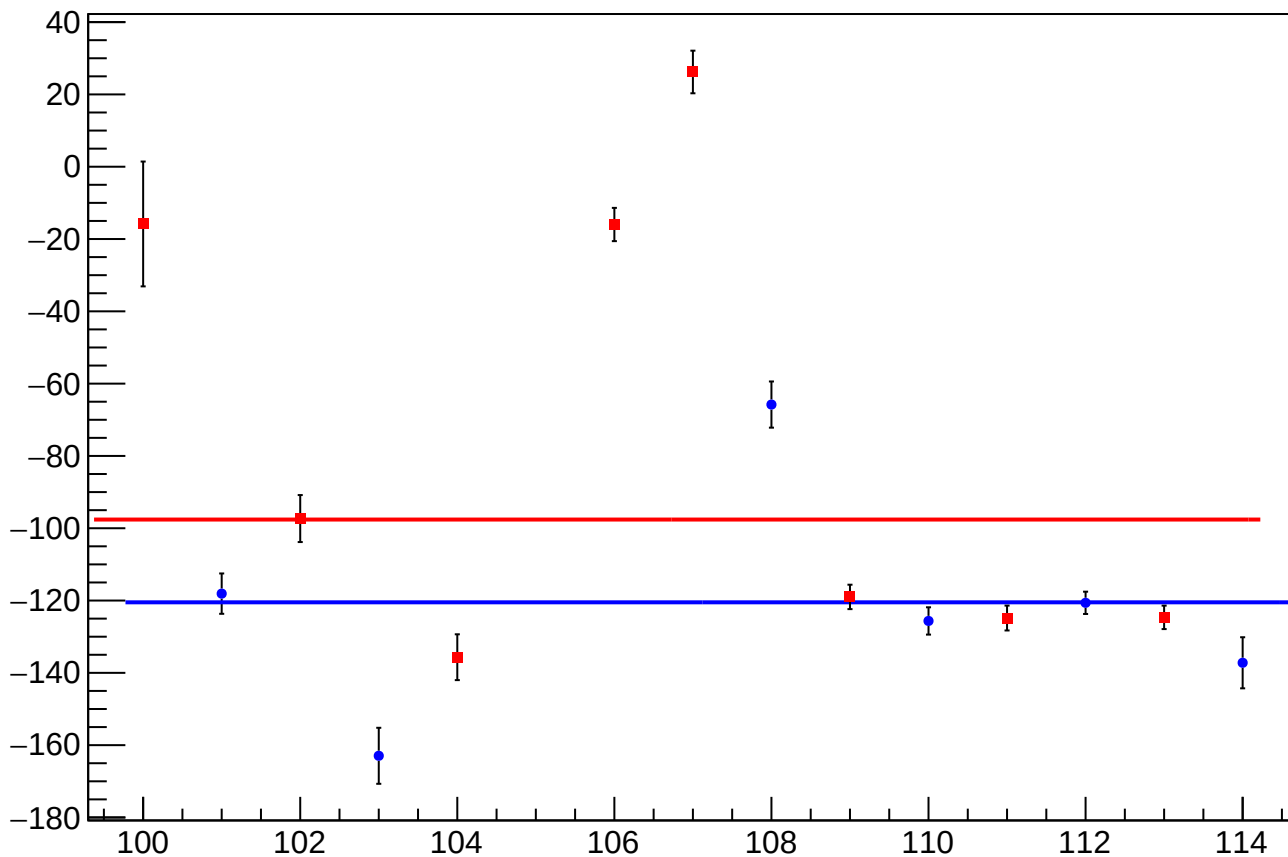
Right: -2.723+/-1.305 χ^2 /NDF: 233.7/13

In: -2.565+/-2.089 χ^2 /NDF:112.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.723+/-1.305 χ^2 /NDF: 233.7/13

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -120.492 $\pm$ 1.930 χ^2 /NDF: 111.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -97.595 $\pm$ 1.590 χ^2 /NDF: 987.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

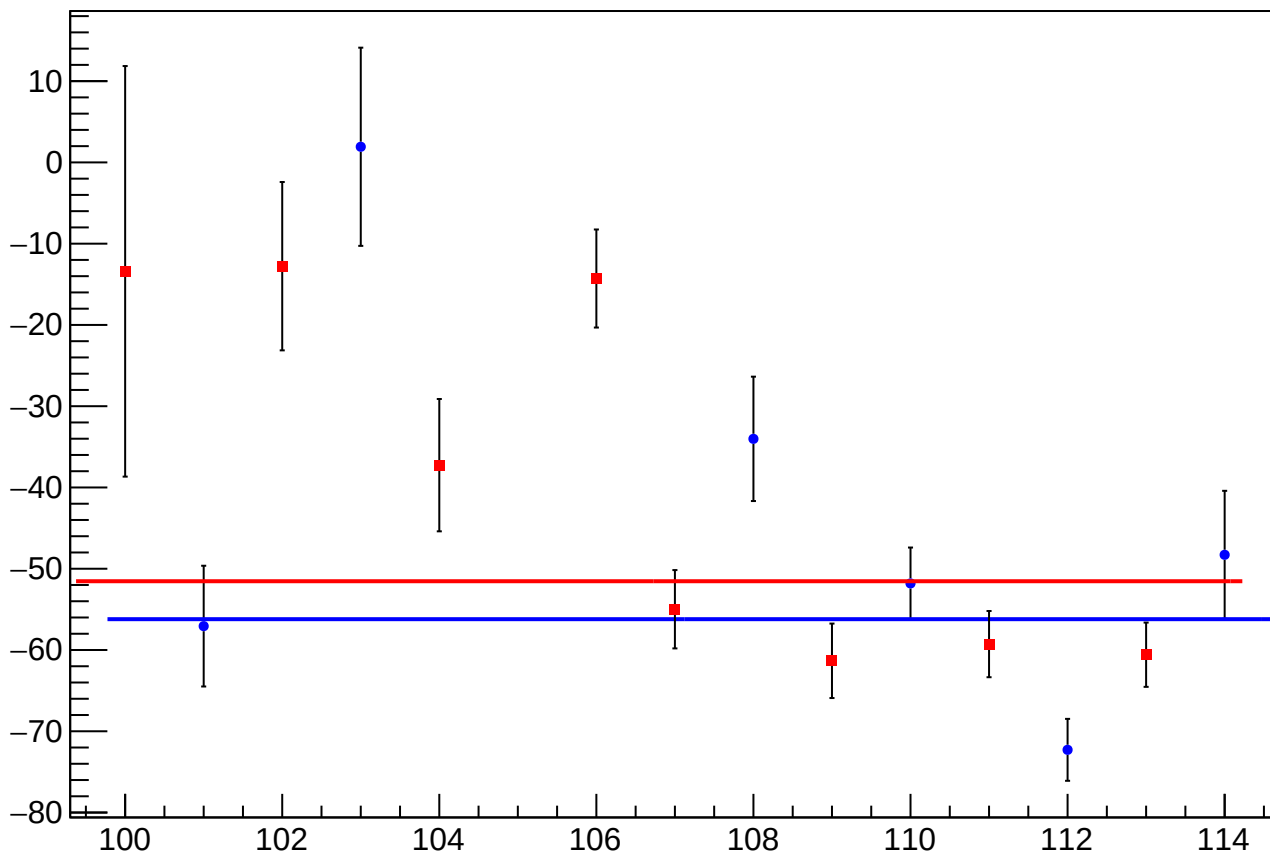
Right: -106.856 $\pm$ 1.227 χ^2 /NDF: 1182.0/13

In: -120.492 $\pm$ 1.930 χ^2 /NDF:111.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -106.856 $\pm$ 1.227 χ^2 /NDF: 1182.0/13

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -56.207±/-2.369 χ^2/NDF : 51.0/5

Left Out: 0.000±/-0.000 χ^2/NDF :0.0/0

Right Out: -51.537±/-1.930 χ^2/NDF : 71.4/7

Left In: 0.000±/-0.000 χ^2/NDF :0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

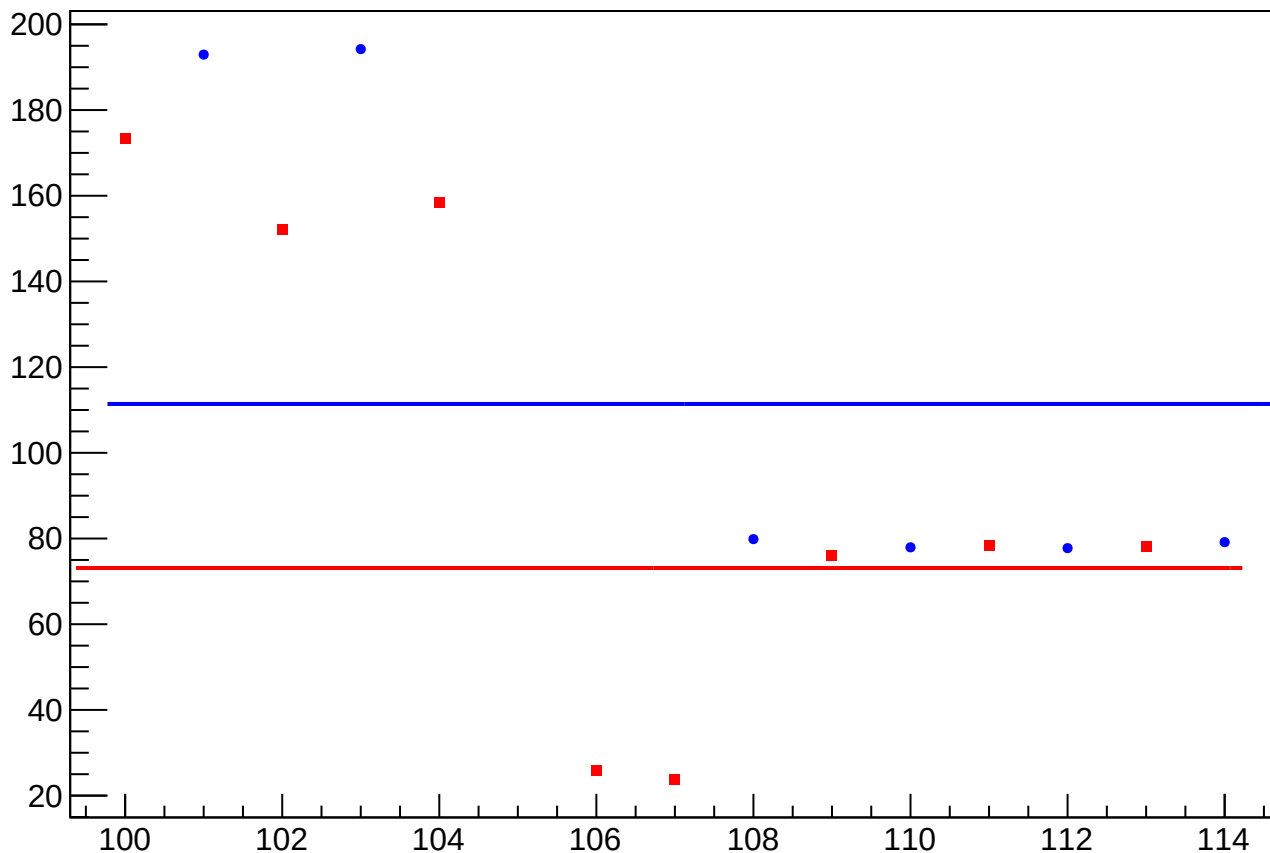
Right: -53.401±/-1.496 χ^2/NDF : 124.7/13

In: -56.207±/-2.369 χ^2/NDF :51.0/5

Out: 0.000±/-0.000 χ^2/NDF :0.0/0

All: -53.401±/-1.496 χ^2/NDF : 124.7/13

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.406+/-0.126 χ^2/NDF : 171284.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.123+/-0.093 χ^2/NDF : 272866.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

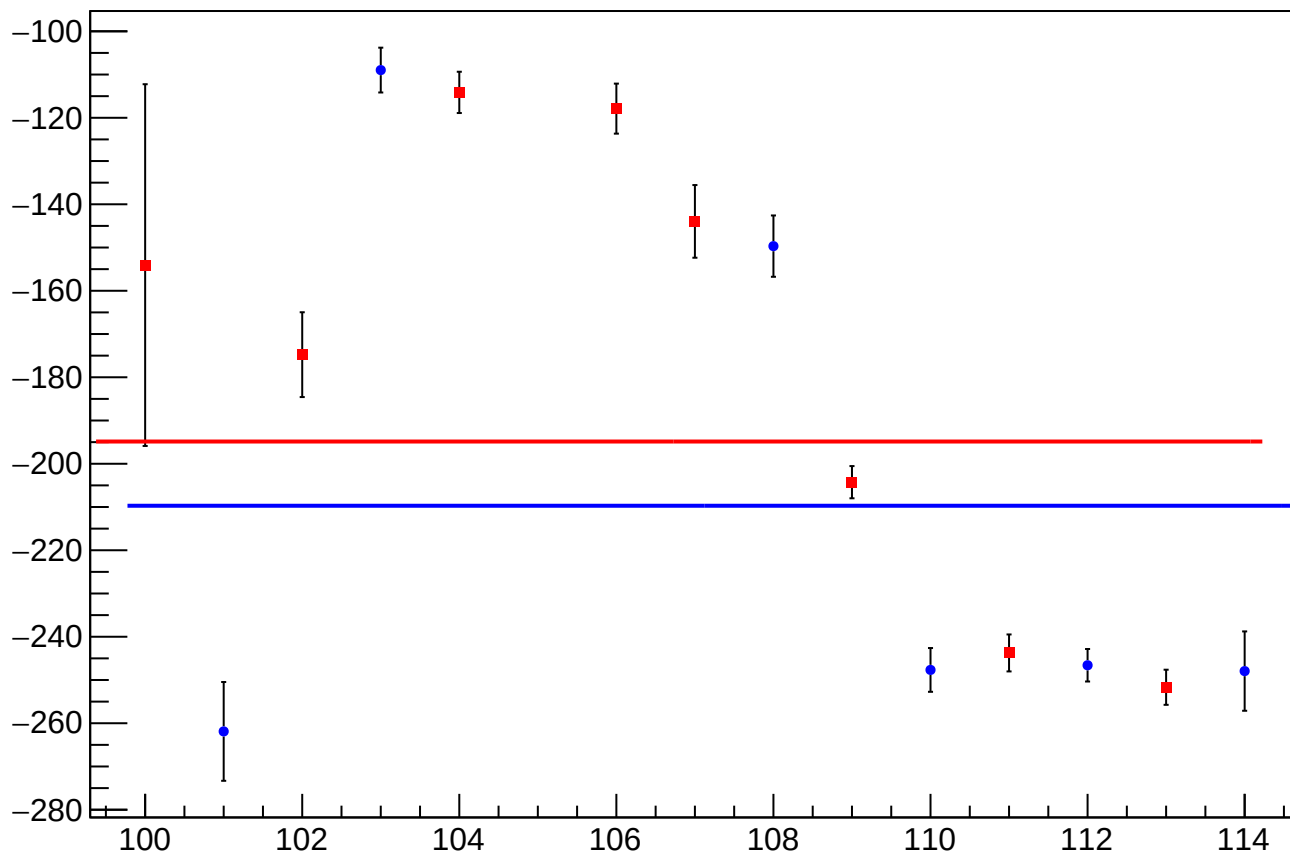
Right: 86.720+/-0.075 χ^2/NDF : 504145.5/13

In: 111.406+/-0.126 χ^2/NDF : 171284.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.720+/-0.075 χ^2/NDF : 504145.5/13

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -209.709+/-2.316 χ^2 /NDF: 640.5/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -194.857+/-1.869 χ^2 /NDF: 838.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

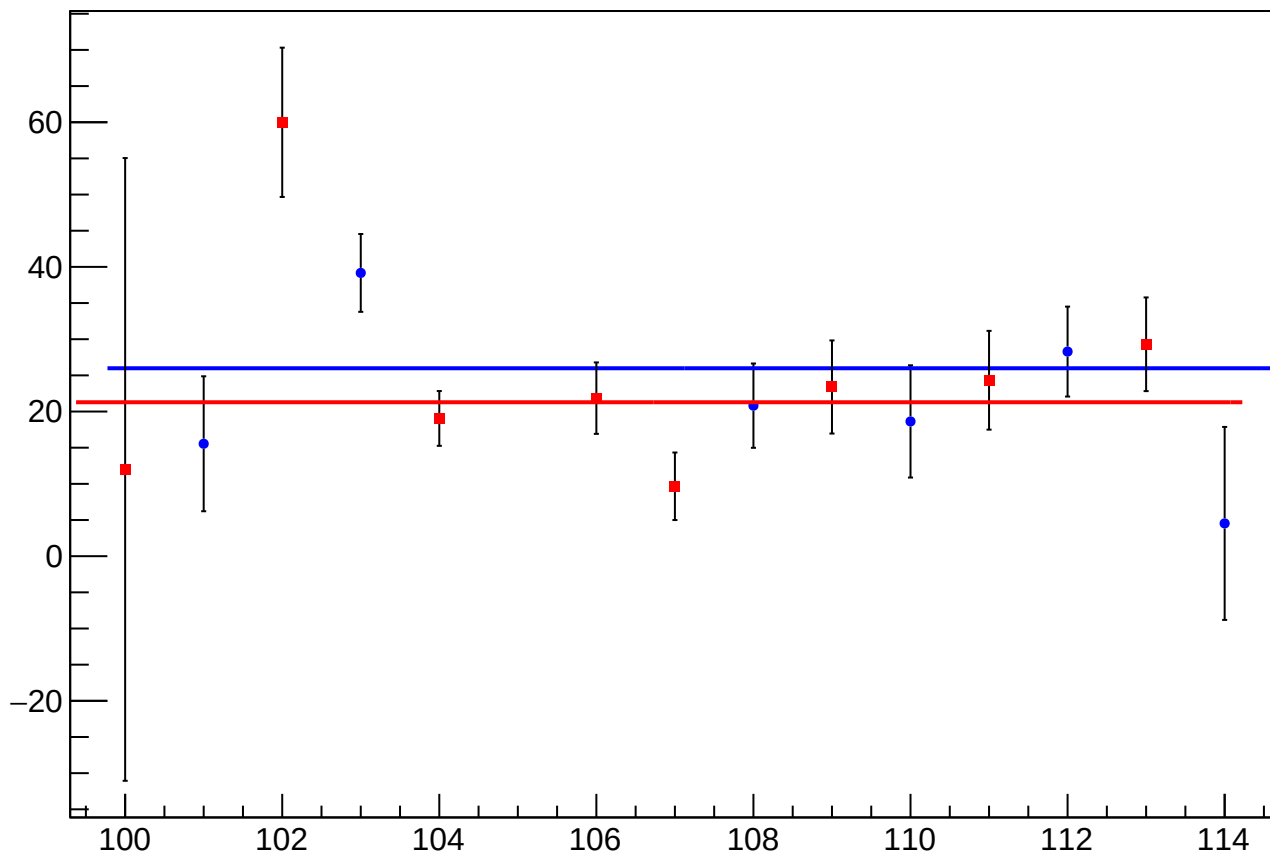
Right: -200.715+/-1.454 χ^2 /NDF: 1503.5/13

In: -209.709+/-2.316 χ^2 /NDF:640.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -200.715+/-1.454 χ^2 /NDF: 1503.5/13

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

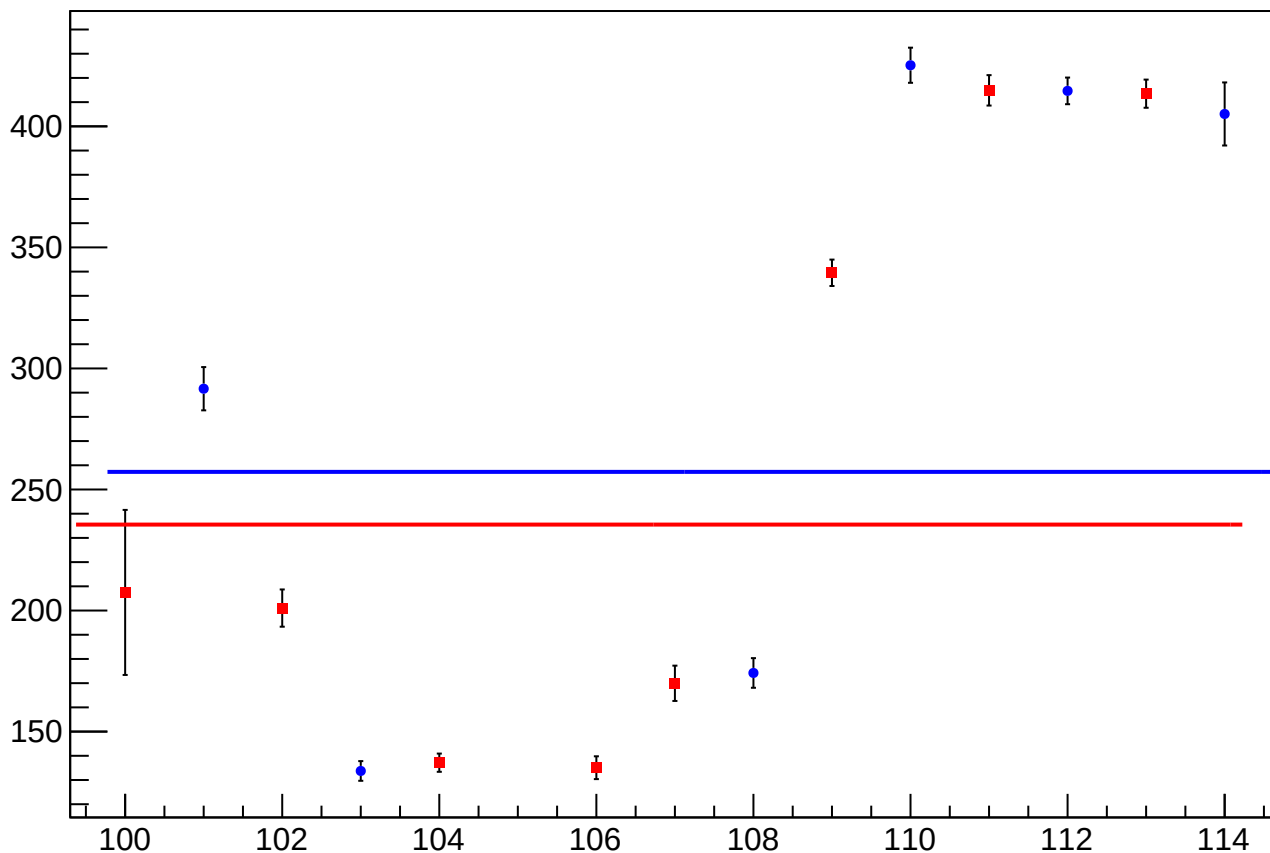
Right: 22.899 $\pm$ 1.668 χ^2 /NDF: 36.0/13

In: 25.984 $\pm$ 2.845 χ^2 /NDF: 11.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.899 $\pm$ 1.668 χ^2 /NDF: 36.0/13

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

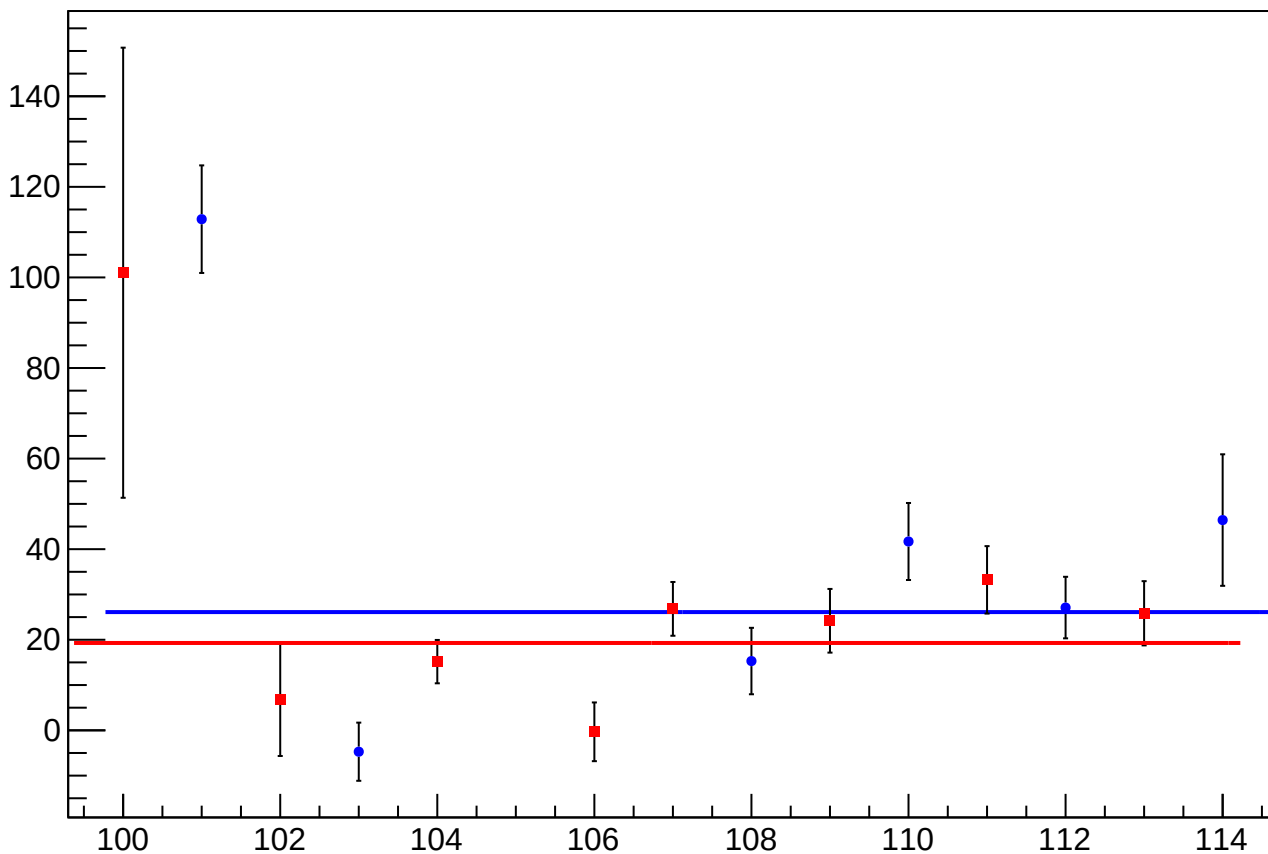
Right: 244.118+/-1.584 χ^2/NDF : 6003.2/13

In: 257.276+/-2.519 χ^2/NDF : 2604.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.118+/-1.584 χ^2/NDF : 6003.2/13

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

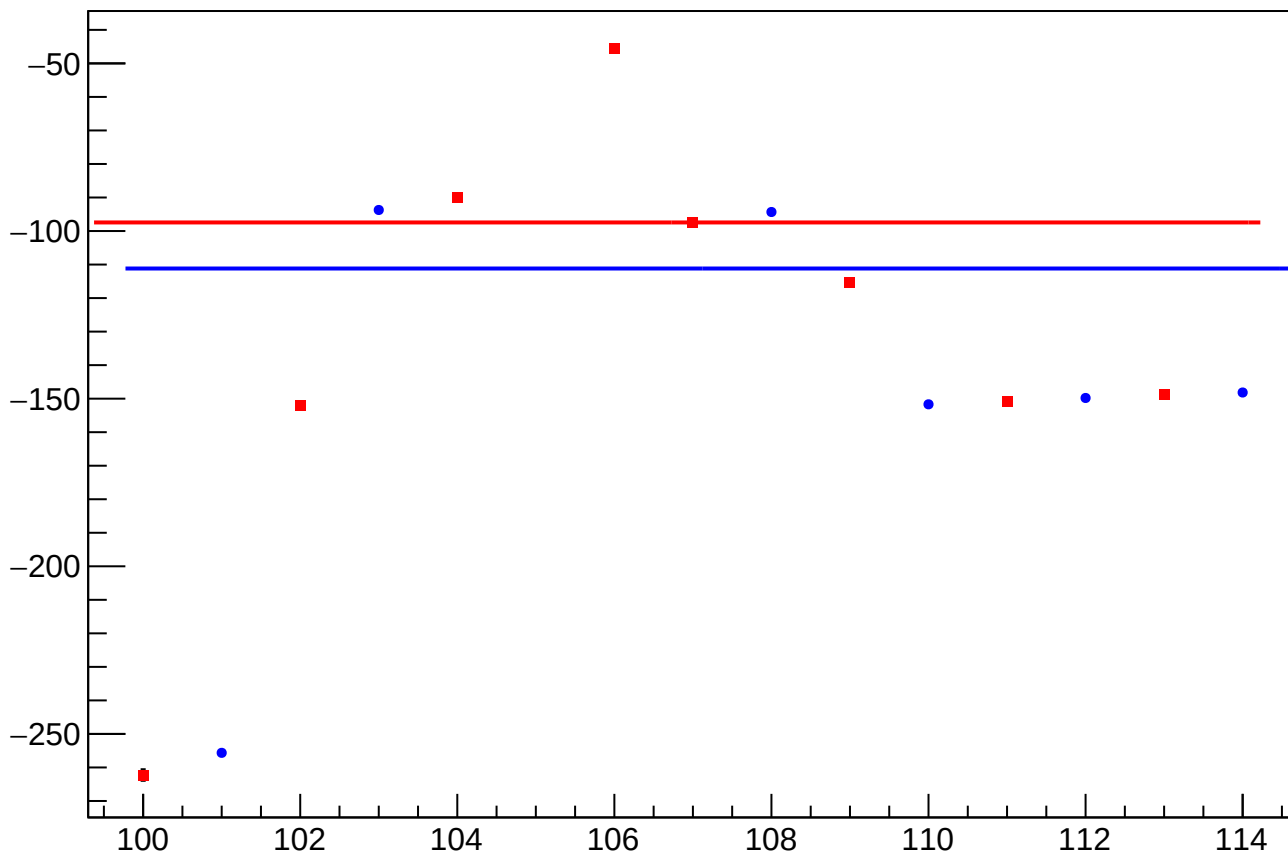
Right: 21.738 $\pm$ 1.996 χ^2 /NDF: 106.7/13

In: 26.110 $\pm$ 3.330 χ^2 /NDF: 83.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.738 $\pm$ 1.996 χ^2 /NDF: 106.7/13

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.181+/-0.126 χ^2/NDF : 102975.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.440+/-0.108 χ^2/NDF : 115210.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

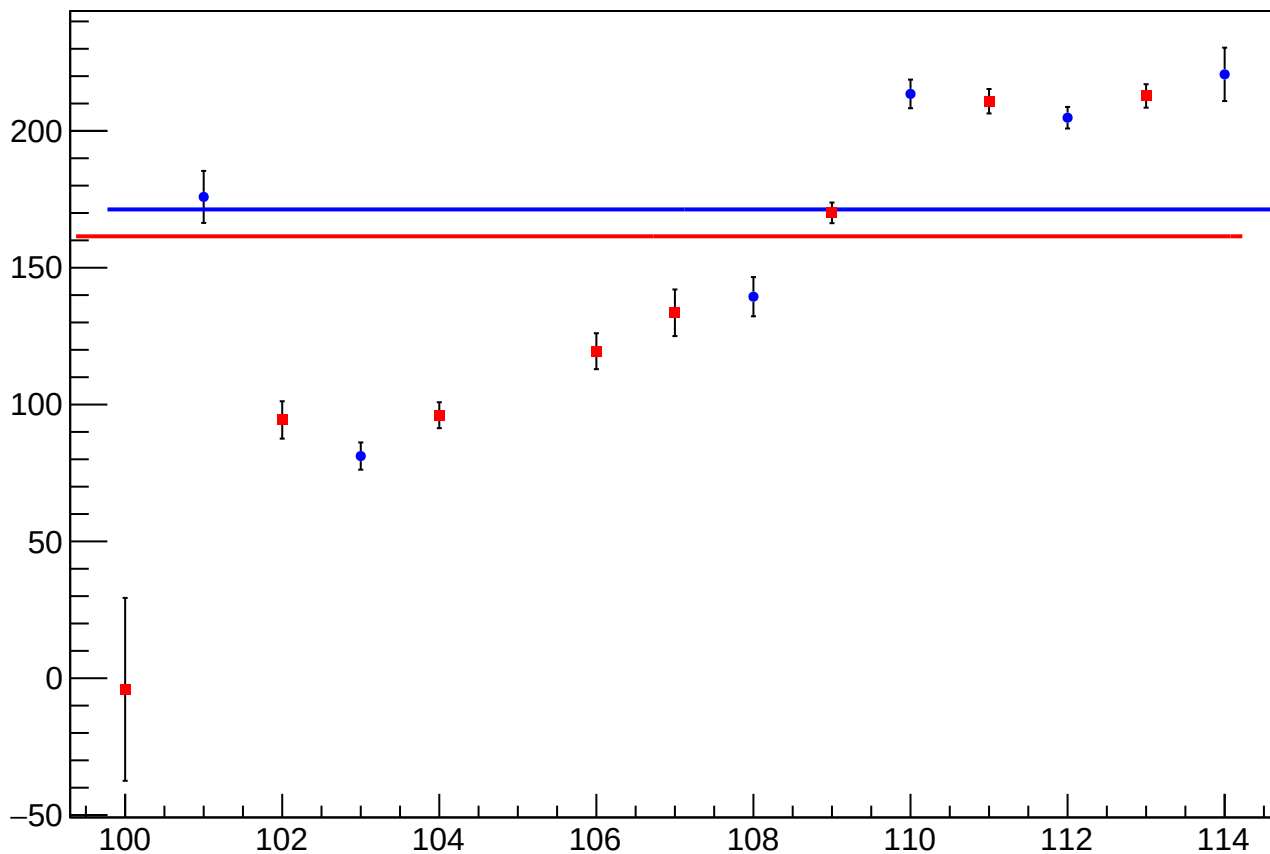
Right: -103.236+/-0.082 χ^2/NDF : 225068.8/13

In: -111.181+/-0.126 χ^2/NDF : 102975.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.236+/-0.082 χ^2/NDF : 225068.8/13

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.304+/-2.342 χ^2/NDF : 511.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.480+/-1.895 χ^2/NDF : 633.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

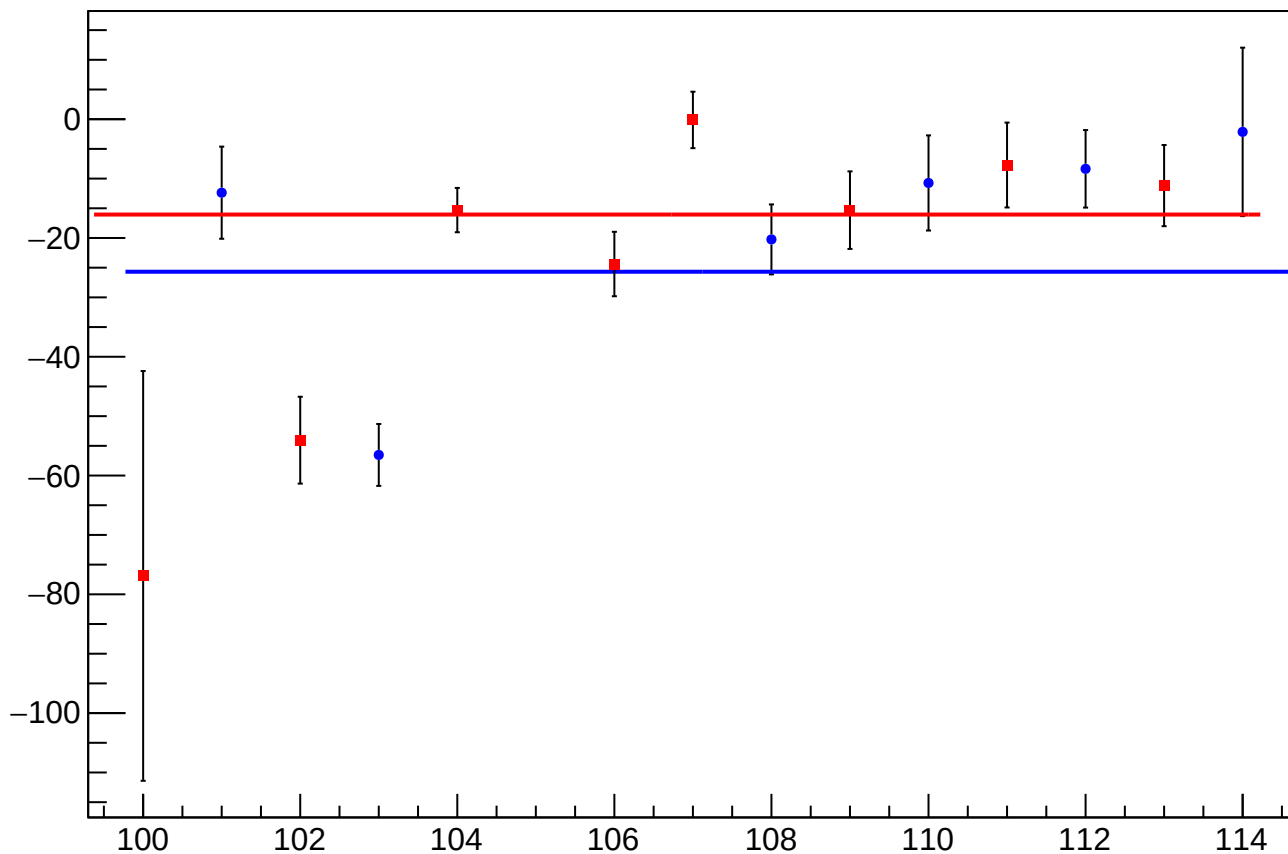
Right: 165.367+/-1.473 χ^2/NDF : 1155.5/13

In: 171.304+/-2.342 χ^2/NDF : 511.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.367+/-1.473 χ^2/NDF : 1155.5/13

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.684 ± 2.814 $\chi^2/\text{NDF}: 52.1/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.056 ± 2.067 $\chi^2/\text{NDF}: 45.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

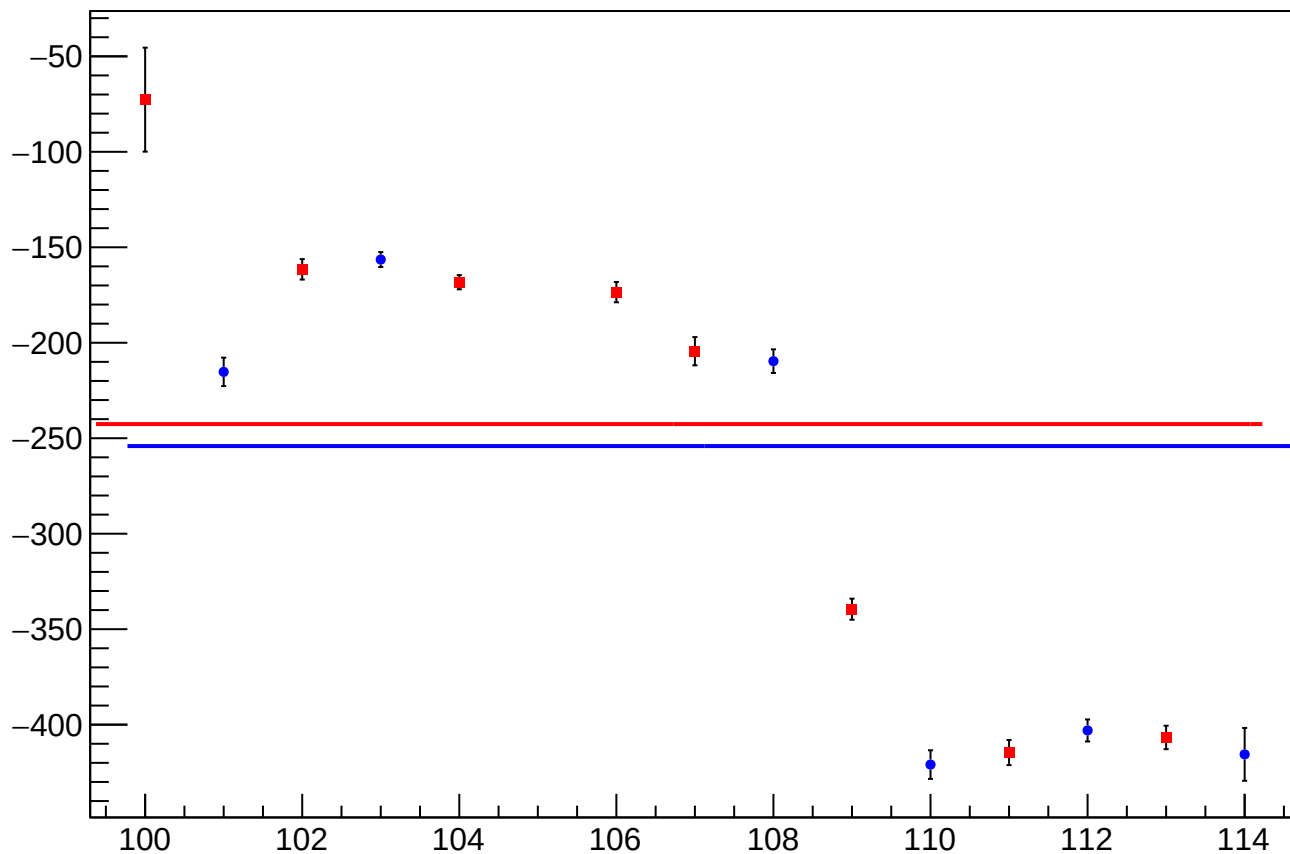
Right: -19.430 ± 1.666 $\chi^2/\text{NDF}: 105.3/13$

In: -25.684 ± 2.814 $\chi^2/\text{NDF}: 52.1/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.430 ± 1.666 $\chi^2/\text{NDF}: 105.3/13$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

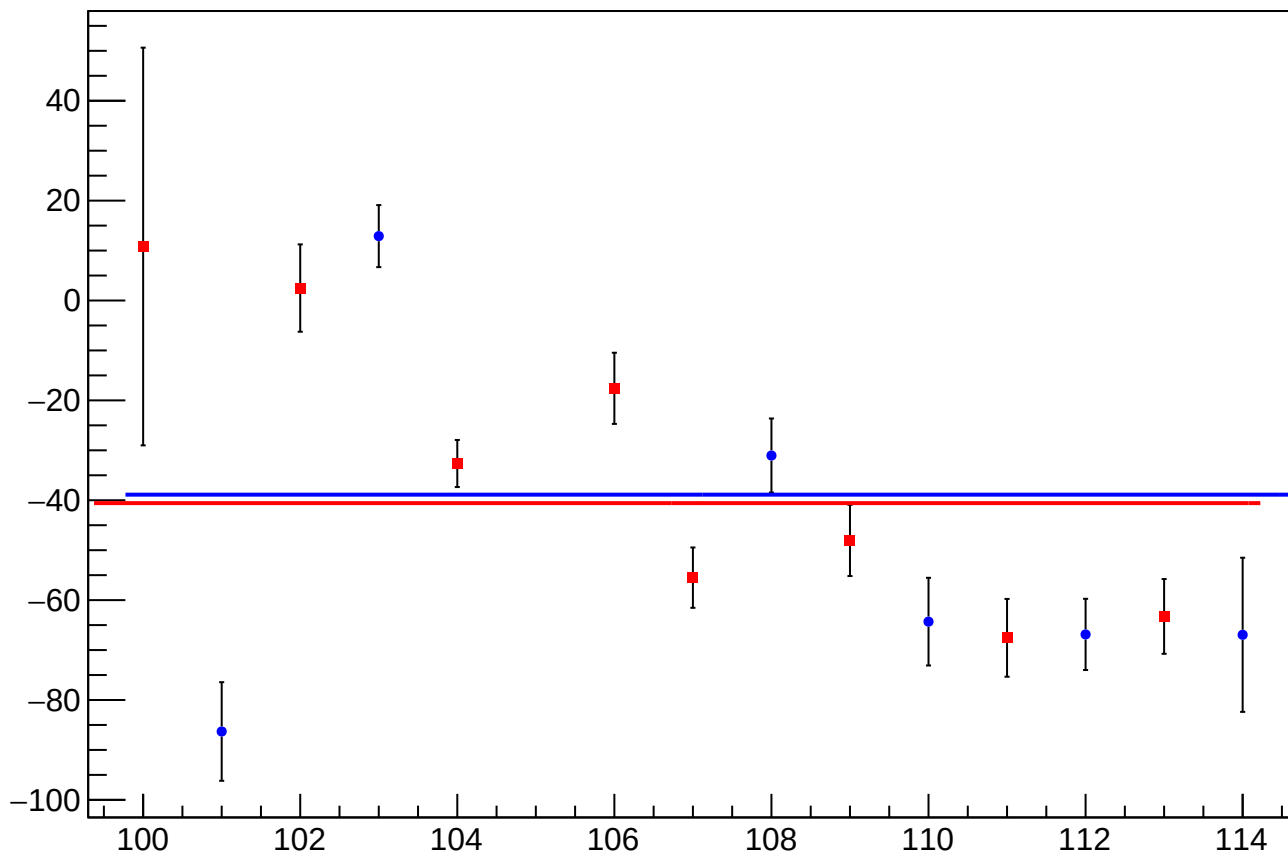
Right: -247.198+/-1.568 χ^2/NDF : 4580.2/13

In: -254.103+/-2.478 χ^2/NDF : 2001.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -247.198+/-1.568 χ^2/NDF : 4580.2/13

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

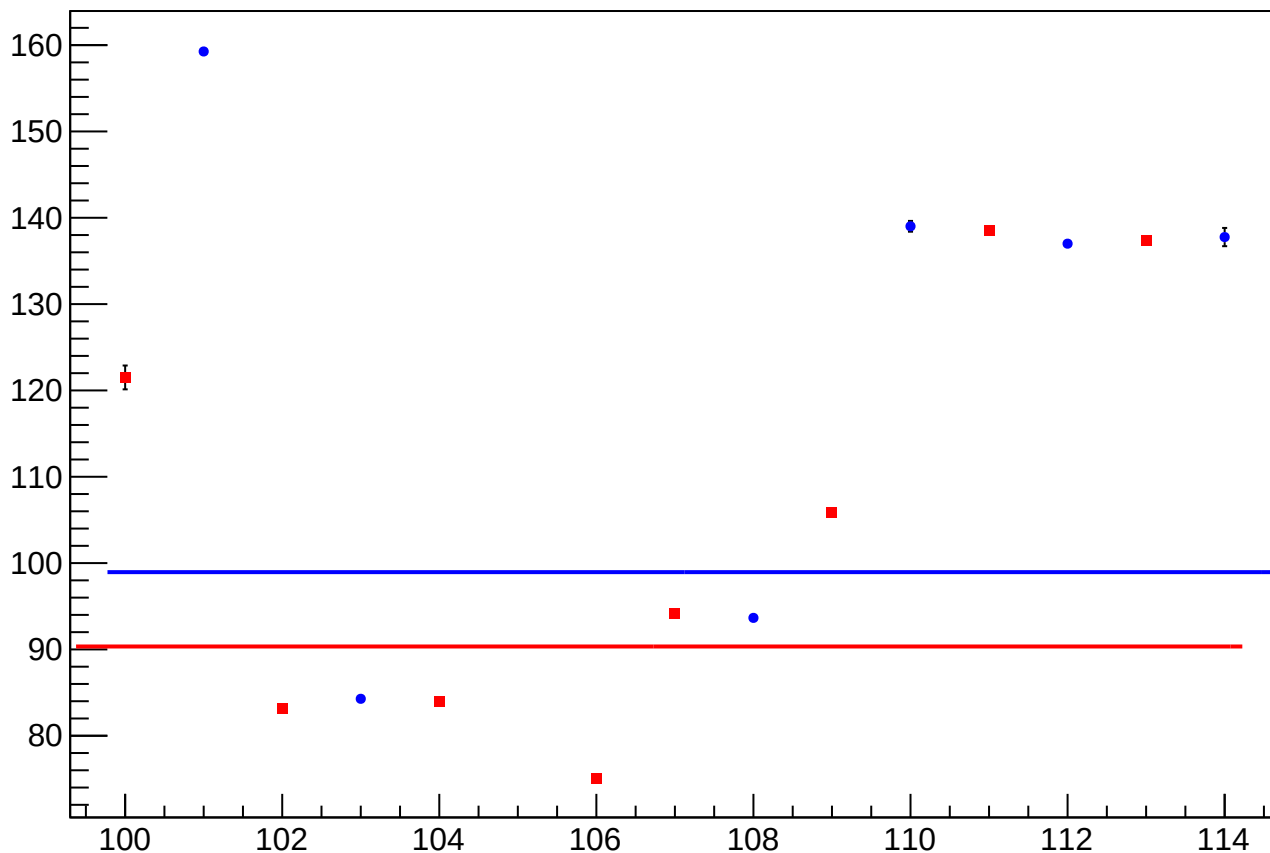
Right: -39.959 ± 1.996 χ^2/NDF : 188.5/13

In: -38.881 ± 3.311 χ^2/NDF : 120.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.959 ± 1.996 χ^2/NDF : 188.5/13

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

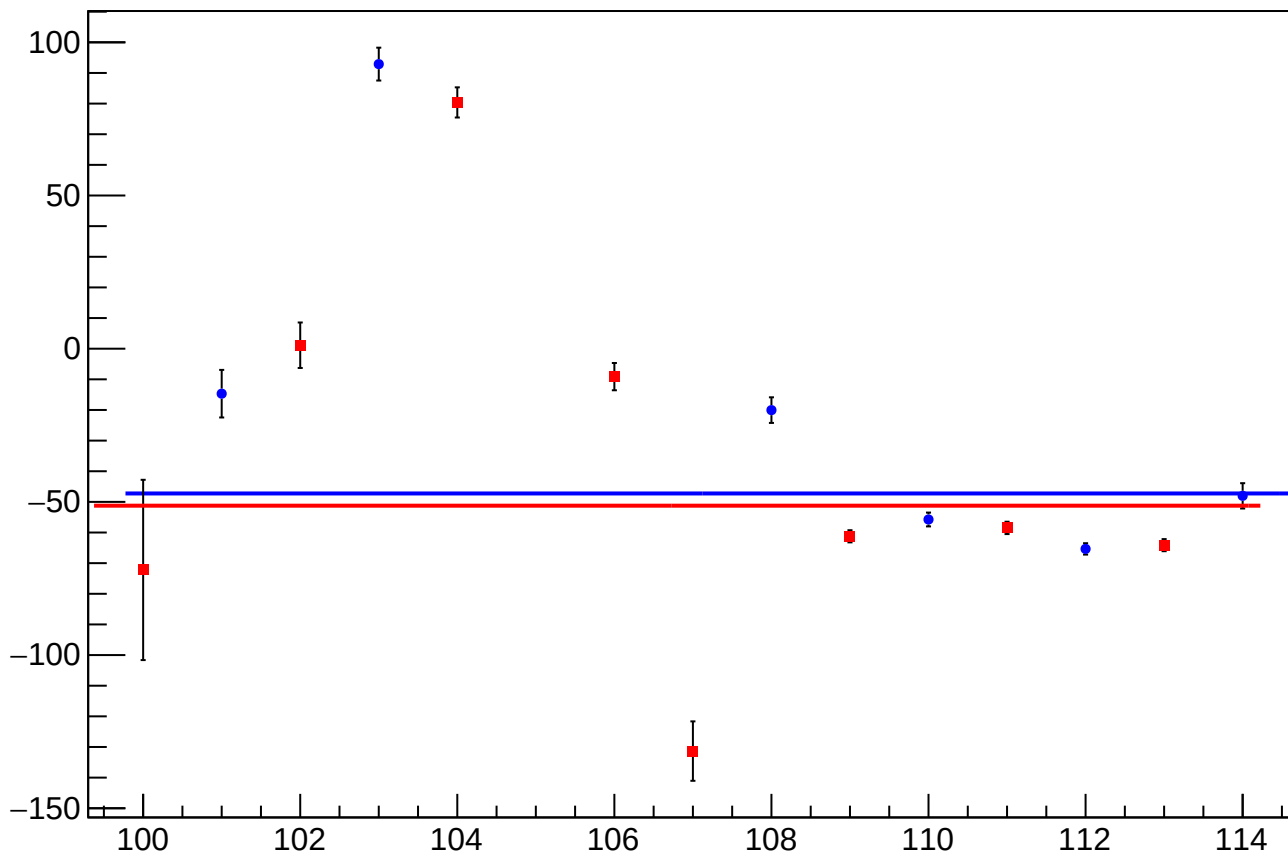
Right: 93.939 $\pm$ 0.079 χ^2 /NDF: 69778.4/13

In: 98.952 $\pm$ 0.122 χ^2 /NDF: 39819.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.939 $\pm$ 0.079 χ^2 /NDF: 69778.4/13

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.252 $\pm$ 1.237 χ^2 /NDF: 851.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -51.240 $\pm$ 1.067 χ^2 /NDF: 1003.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

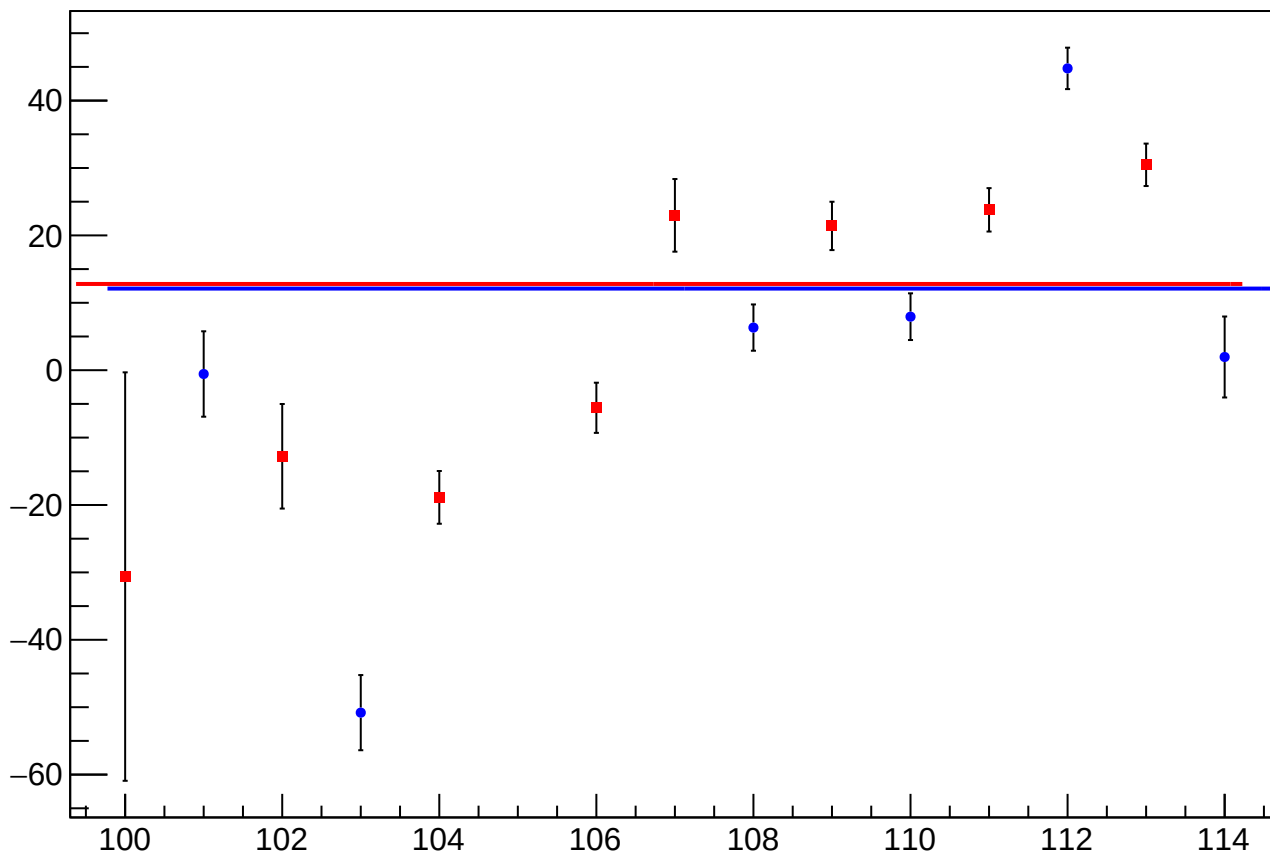
Right: -49.539 $\pm$ 0.808 χ^2 /NDF: 1861.2/13

In: -47.252 $\pm$ 1.237 χ^2 /NDF:851.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.539 $\pm$ 0.808 χ^2 /NDF: 1861.2/13

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

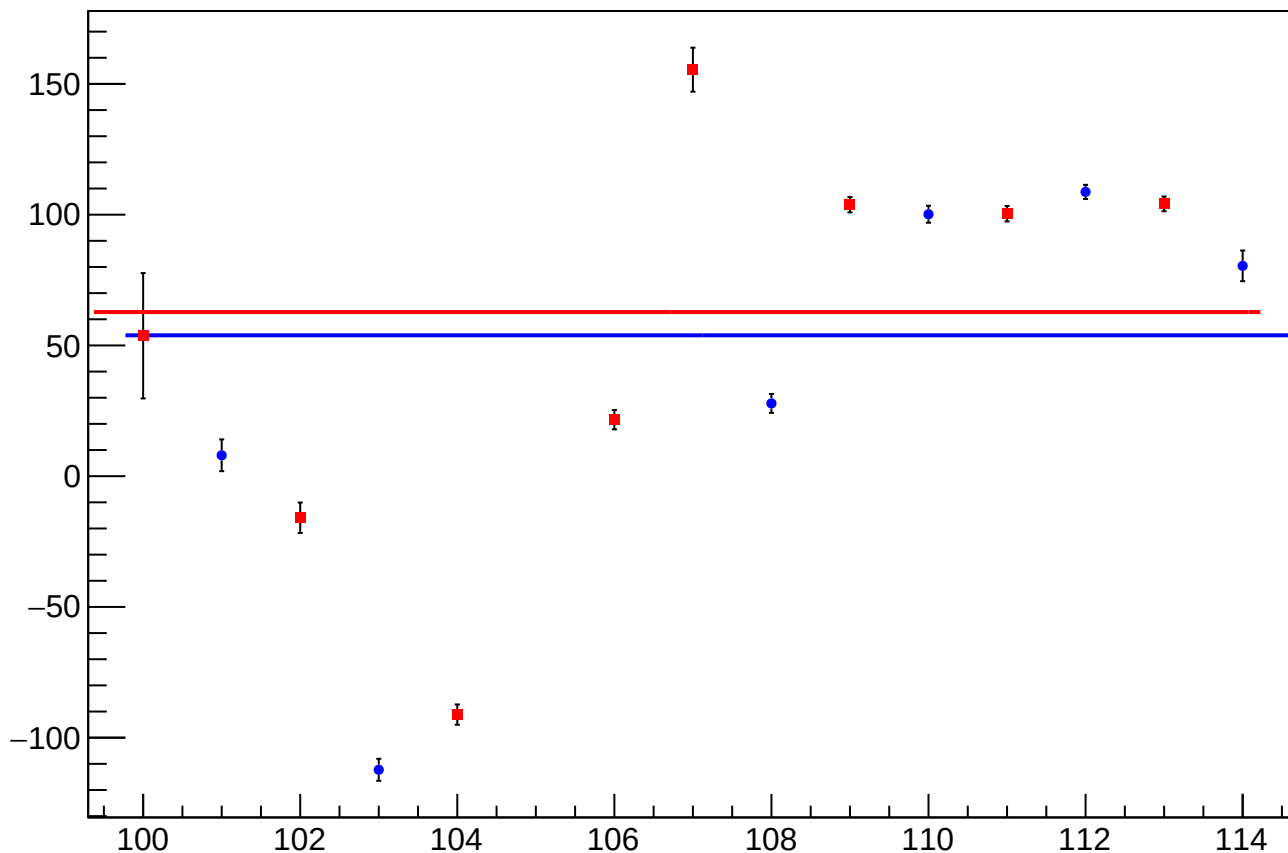
Right: 12.495 $\pm$ 1.102 χ^2 /NDF: 406.8/13

In: 12.108 $\pm$ 1.670 χ^2 /NDF:251.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.495 $\pm$ 1.102 χ^2 /NDF: 406.8/13

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

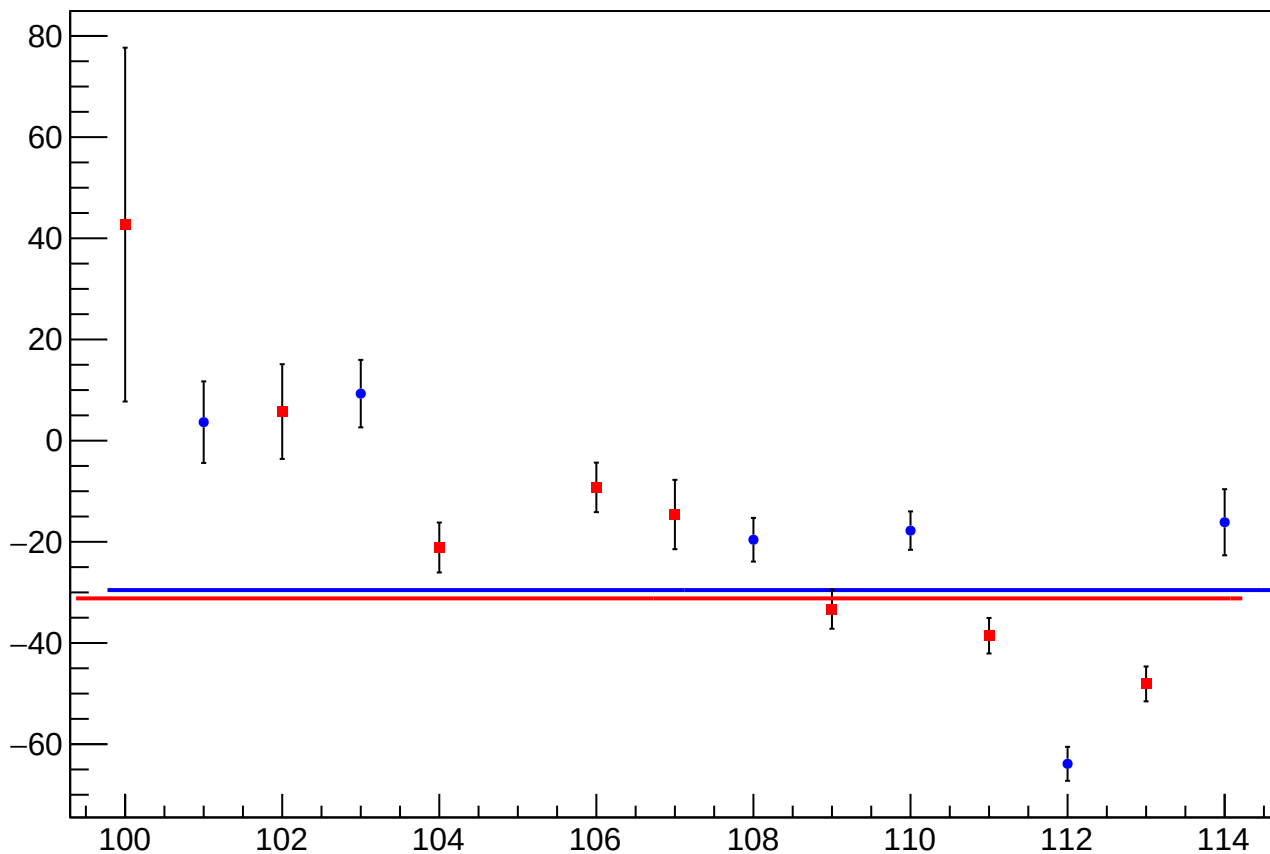
Right: 58.871+/-1.020 χ^2/NDF : 4889.9/13

In: 53.869+/-1.542 χ^2/NDF : 2300.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.871+/-1.020 χ^2/NDF : 4889.9/13

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

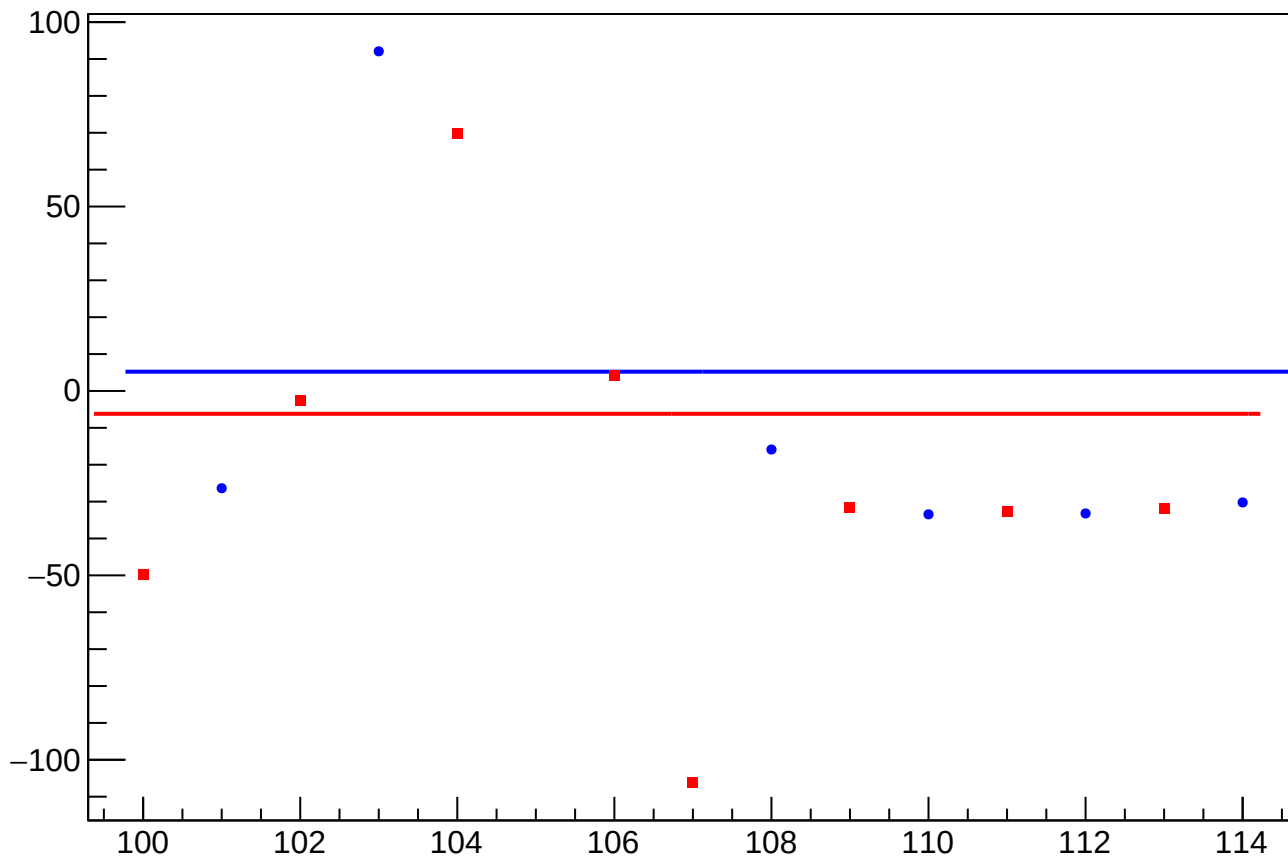
Right: -30.460 ± 1.269 χ^2/NDF : 253.9/13

In: -29.540 ± 1.914 χ^2/NDF : 174.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.460 ± 1.269 χ^2/NDF : 253.9/13

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

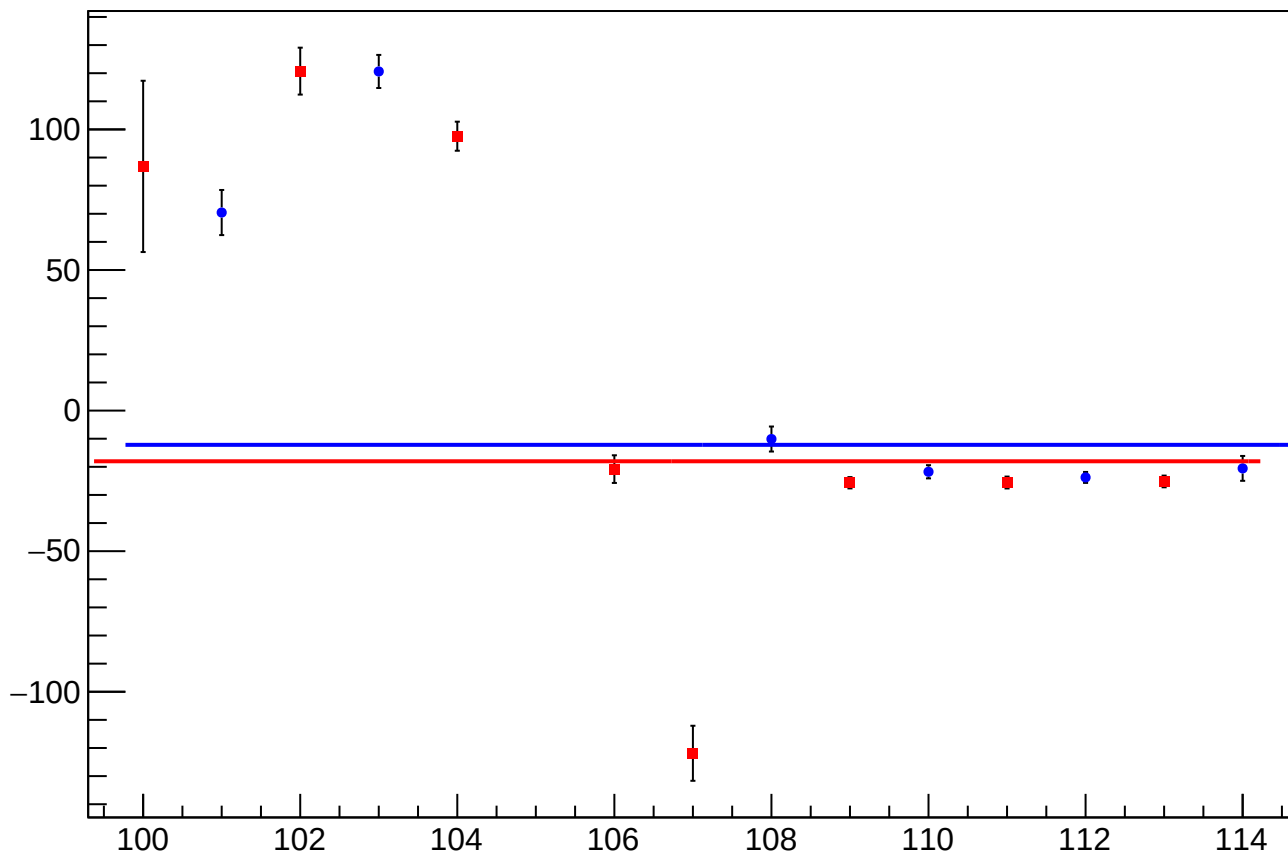
Right: -0.983+/-0.060 χ^2/NDF : 637280.4/13

In: 5.226+/-0.089 χ^2/NDF : 330149.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.983+/-0.060 χ^2/NDF : 637280.4/13

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

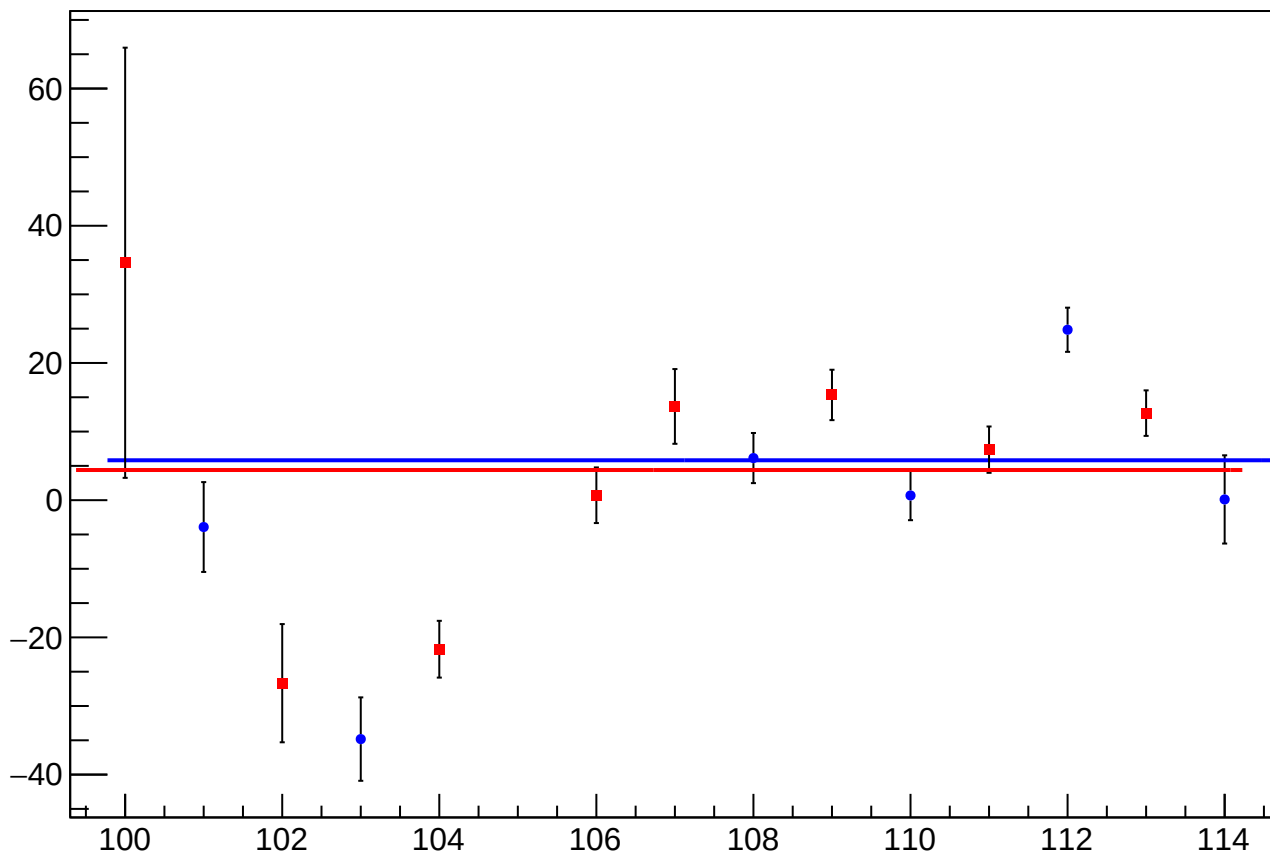
Right: -15.554 $\pm$ 0.846 χ^2 /NDF: 1624.4/13

In: -12.181 $\pm$ 1.300 χ^2 /NDF:671.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.554 $\pm$ 0.846 χ^2 /NDF: 1624.4/13

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

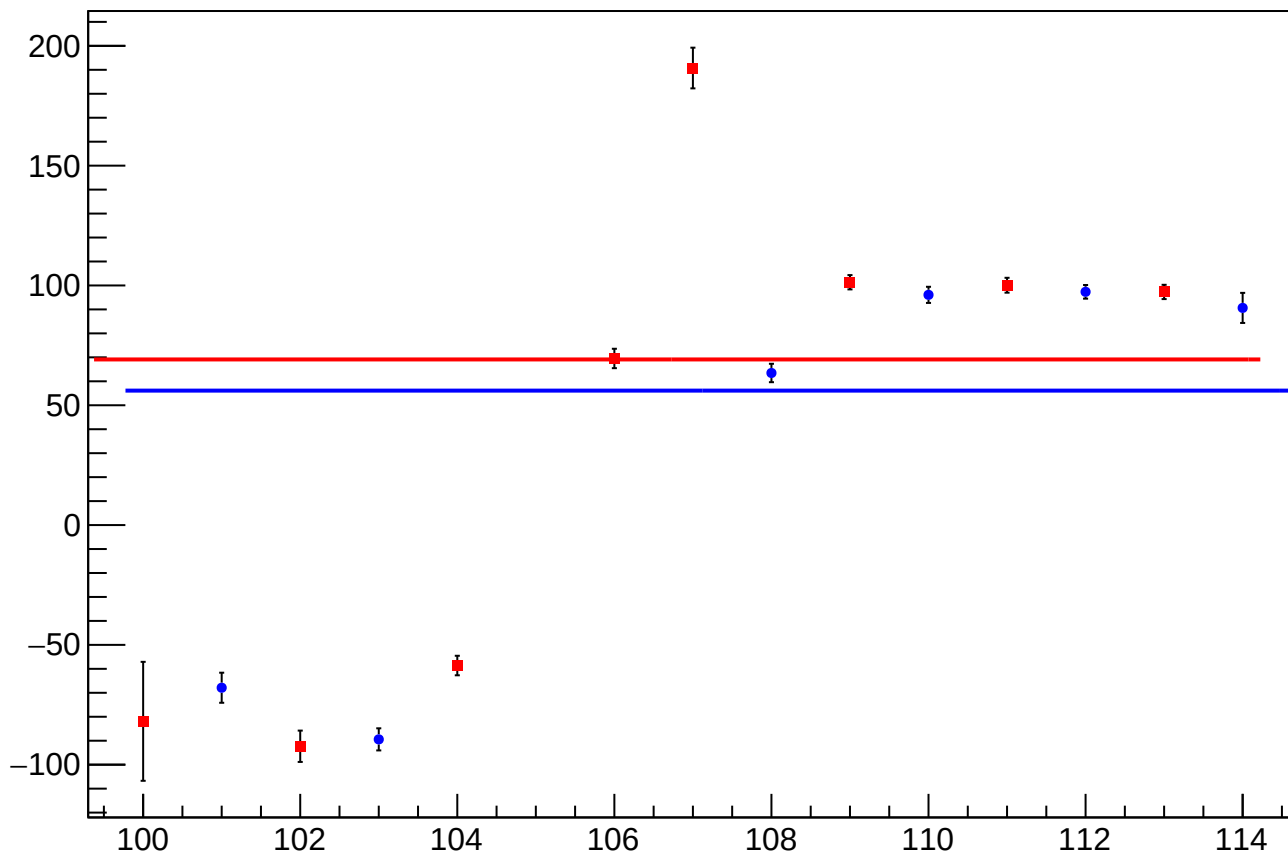
Right: 5.013 $\pm$ 1.160 χ^2 /NDF: 158.4/13

In: 5.816 $\pm$ 1.760 χ^2 /NDF:84.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.013 $\pm$ 1.160 χ^2 /NDF: 158.4/13

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

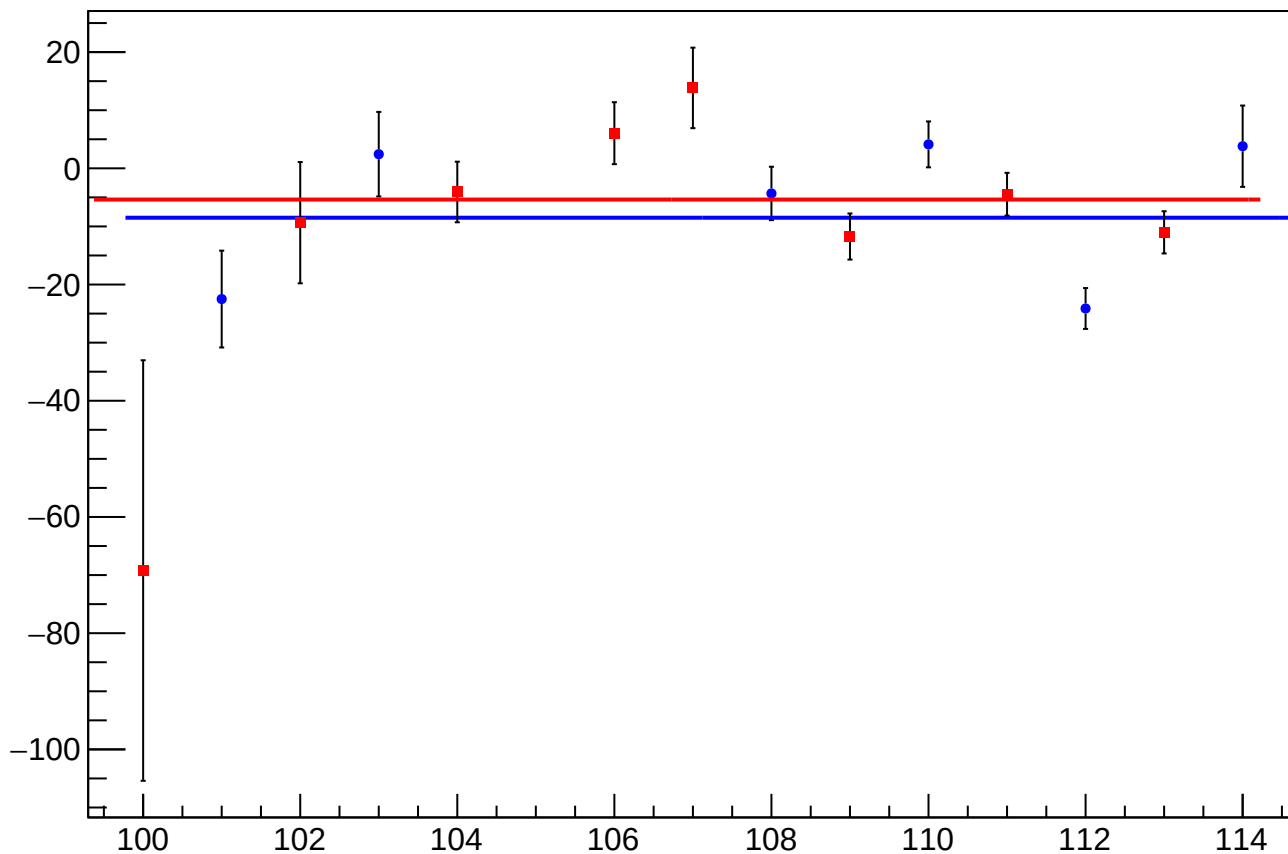
Right: 63.455+/-1.075 χ^2/NDF : 3944.7/13

In: 56.113+/-1.628 χ^2/NDF : 1769.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.455+/-1.075 χ^2/NDF : 3944.7/13

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

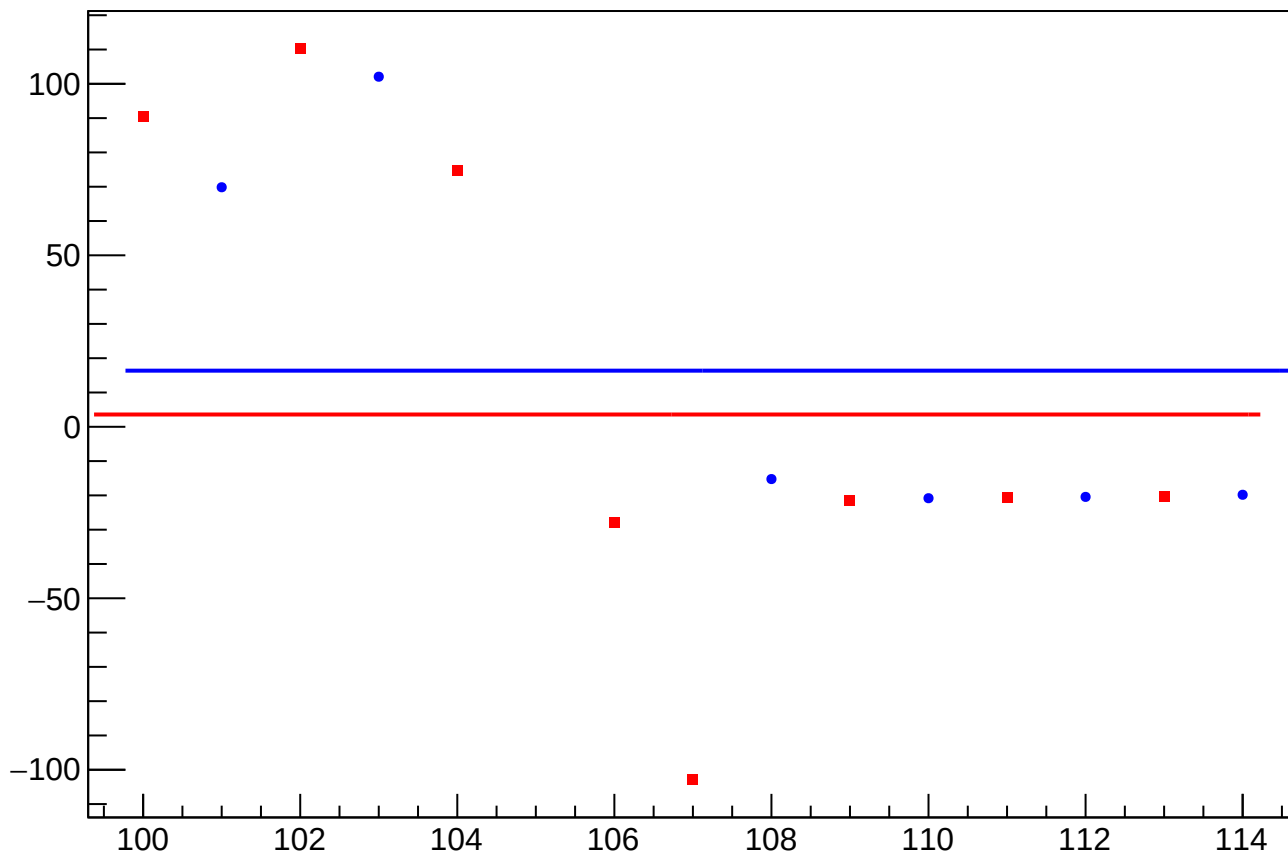
Right: -6.741+/-1.334 χ^2 /NDF: 60.9/13

In: -8.499+/-2.016 χ^2 /NDF:38.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.741+/-1.334 χ^2 /NDF: 60.9/13

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.367+/-0.094 χ^2/NDF : 307540.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.585+/-0.086 χ^2/NDF : 434074.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

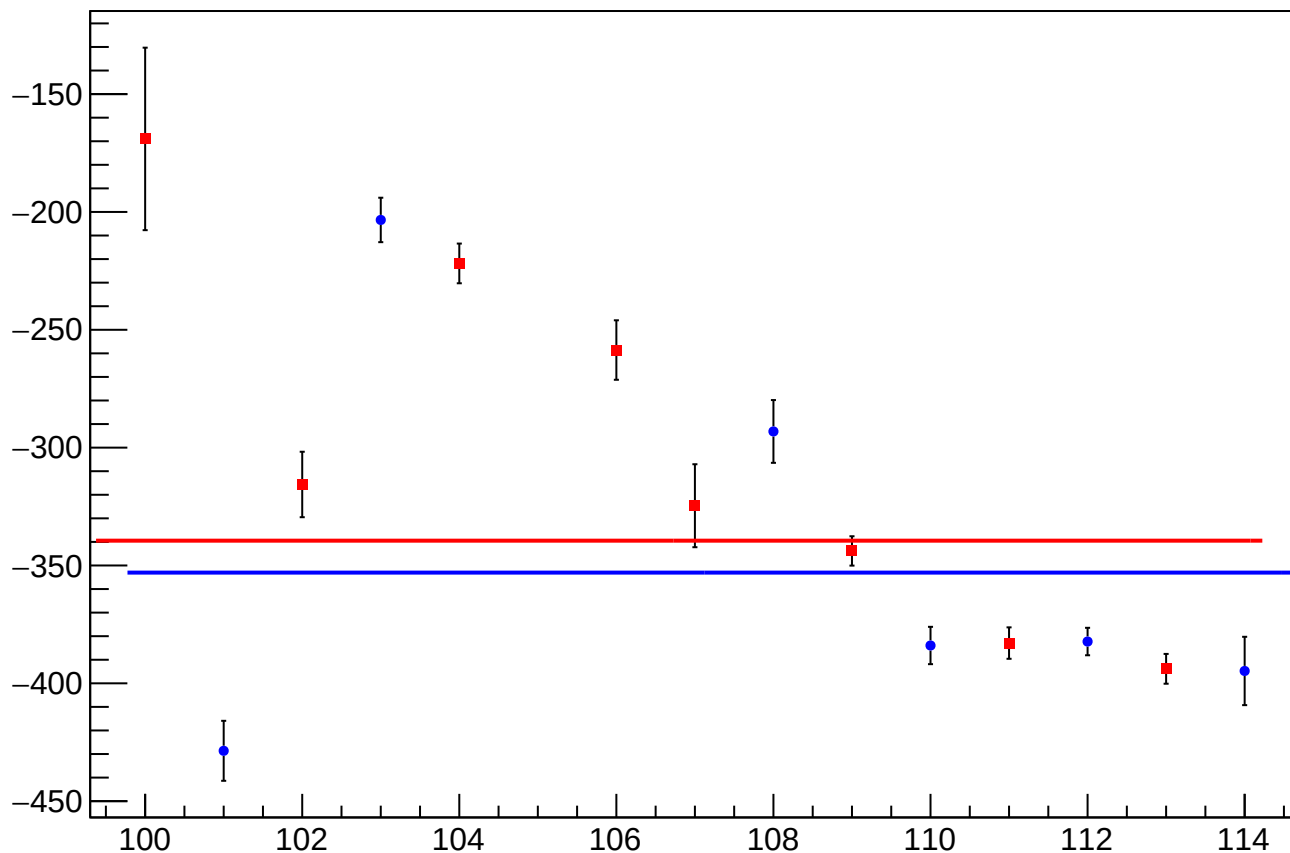
Right: 9.403+/-0.064 χ^2/NDF : 751583.4/13

In: 16.367+/-0.094 χ^2/NDF : 307540.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.403+/-0.064 χ^2/NDF : 751583.4/13

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

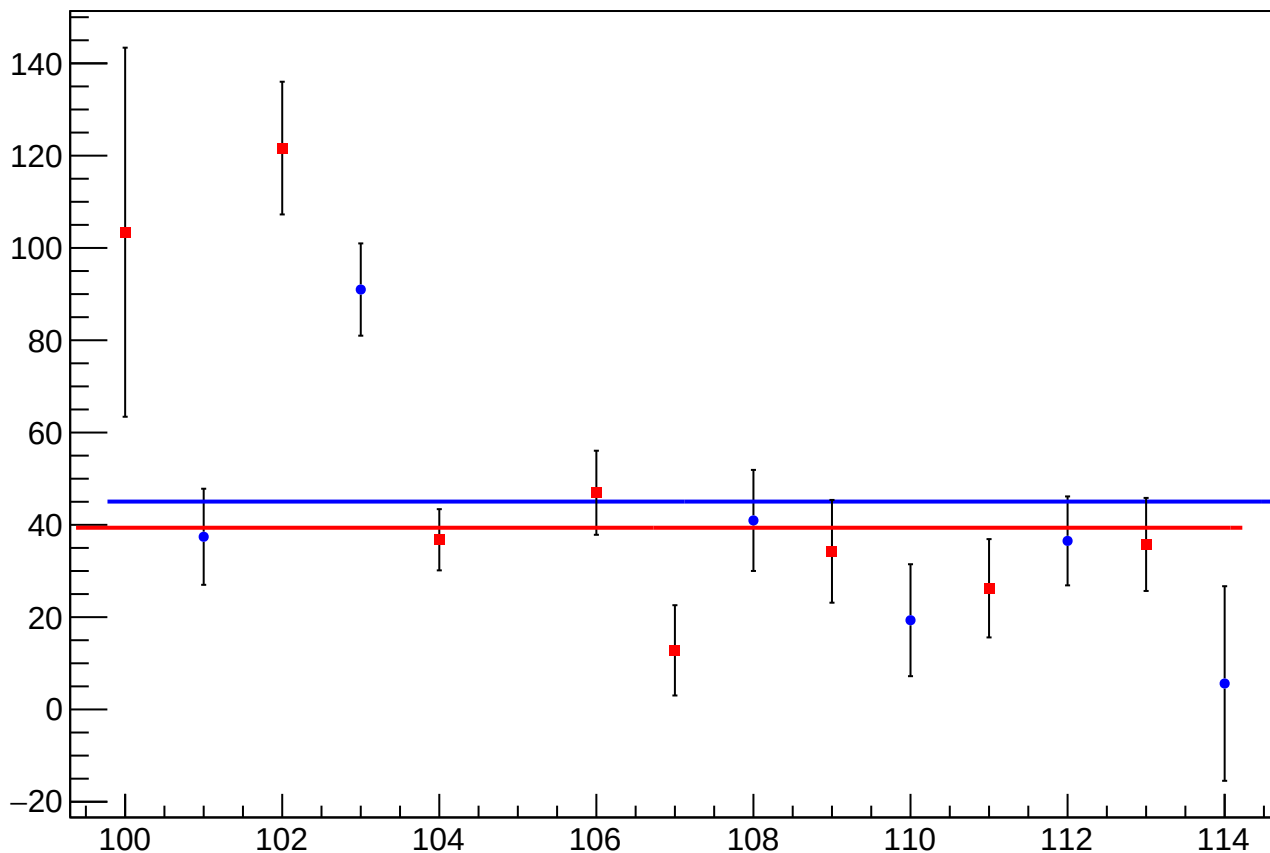
Right: -345.111+/-2.384 χ^2/NDF : 740.0/13

In: -353.023+/-3.695 χ^2/NDF : 356.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.111+/-2.384 χ^2/NDF : 740.0/13

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

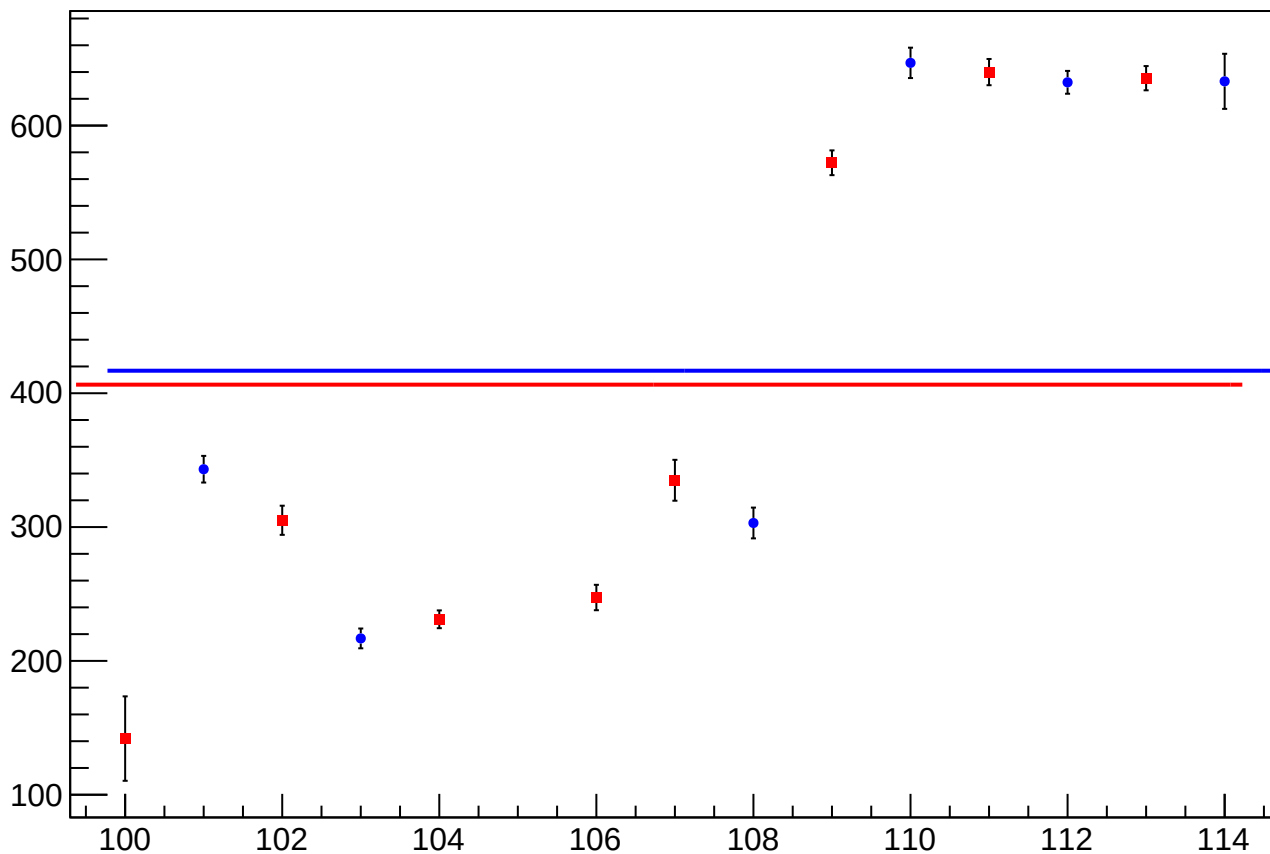
Right: 41.527 $\pm$ 2.831 χ^2 /NDF: 76.9/13

In: 45.044 $\pm$ 4.594 χ^2 /NDF:30.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.527 $\pm$ 2.831 χ^2 /NDF: 76.9/13

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 416.829+/-4.090 χ^2/NDF : 2042.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.411+/-3.497 χ^2/NDF : 2684.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

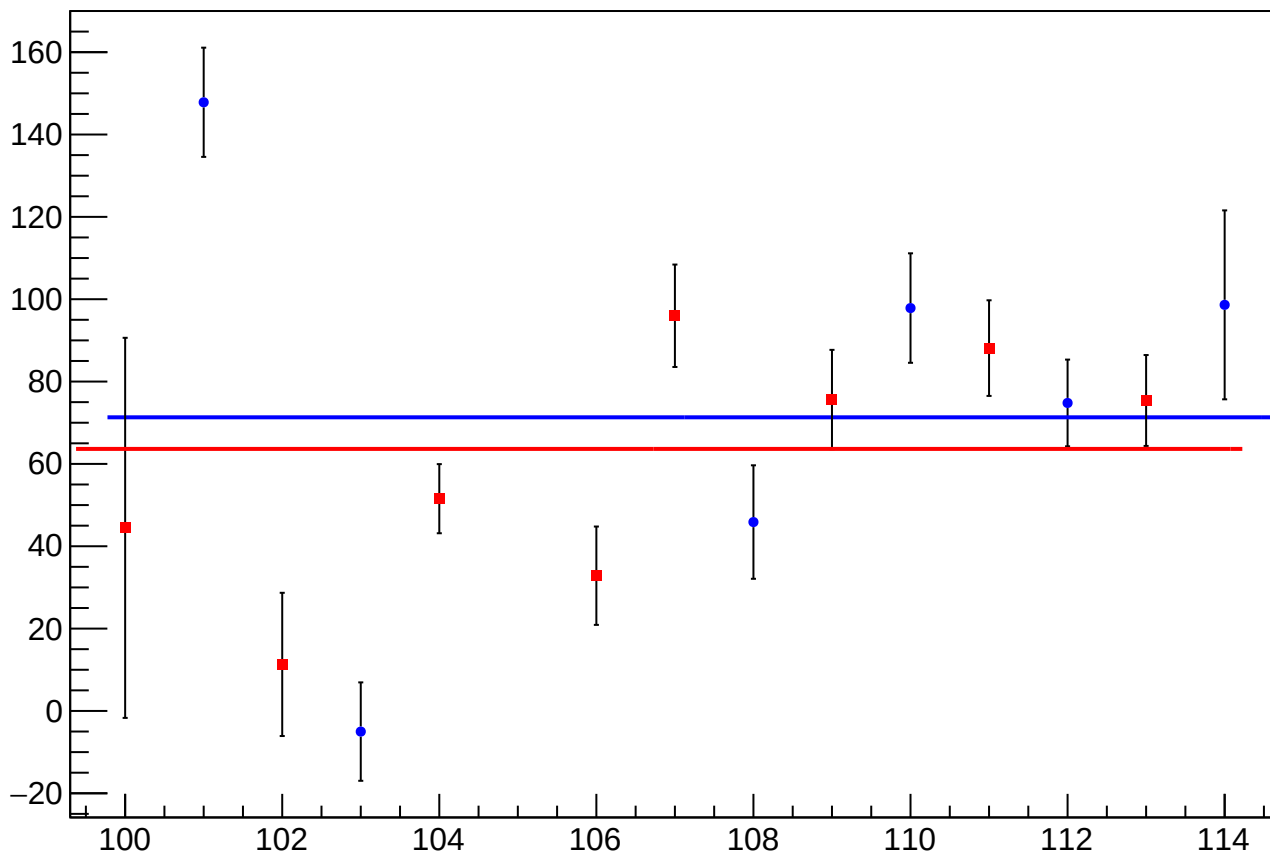
Right: 410.810+/-2.658 χ^2/NDF : 4730.8/13

In: 416.829+/-4.090 χ^2/NDF : 2042.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.810+/-2.658 χ^2/NDF : 4730.8/13

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.317+/-5.382 χ^2/NDF : 83.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.643+/-4.306 χ^2/NDF : 31.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

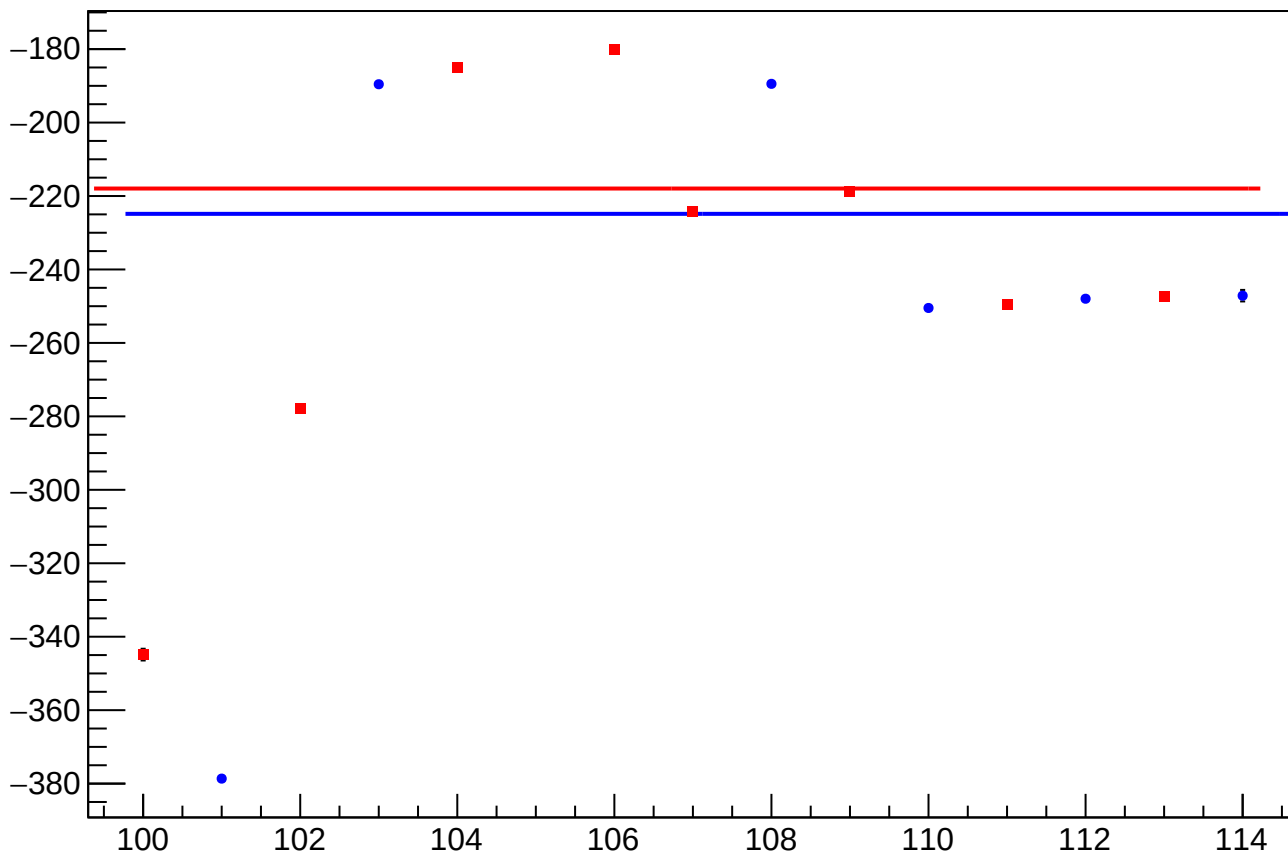
Right: 66.638+/-3.362 χ^2/NDF : 115.5/13

In: 71.317+/-5.382 χ^2/NDF : 83.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.638+/-3.362 χ^2/NDF : 115.5/13

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

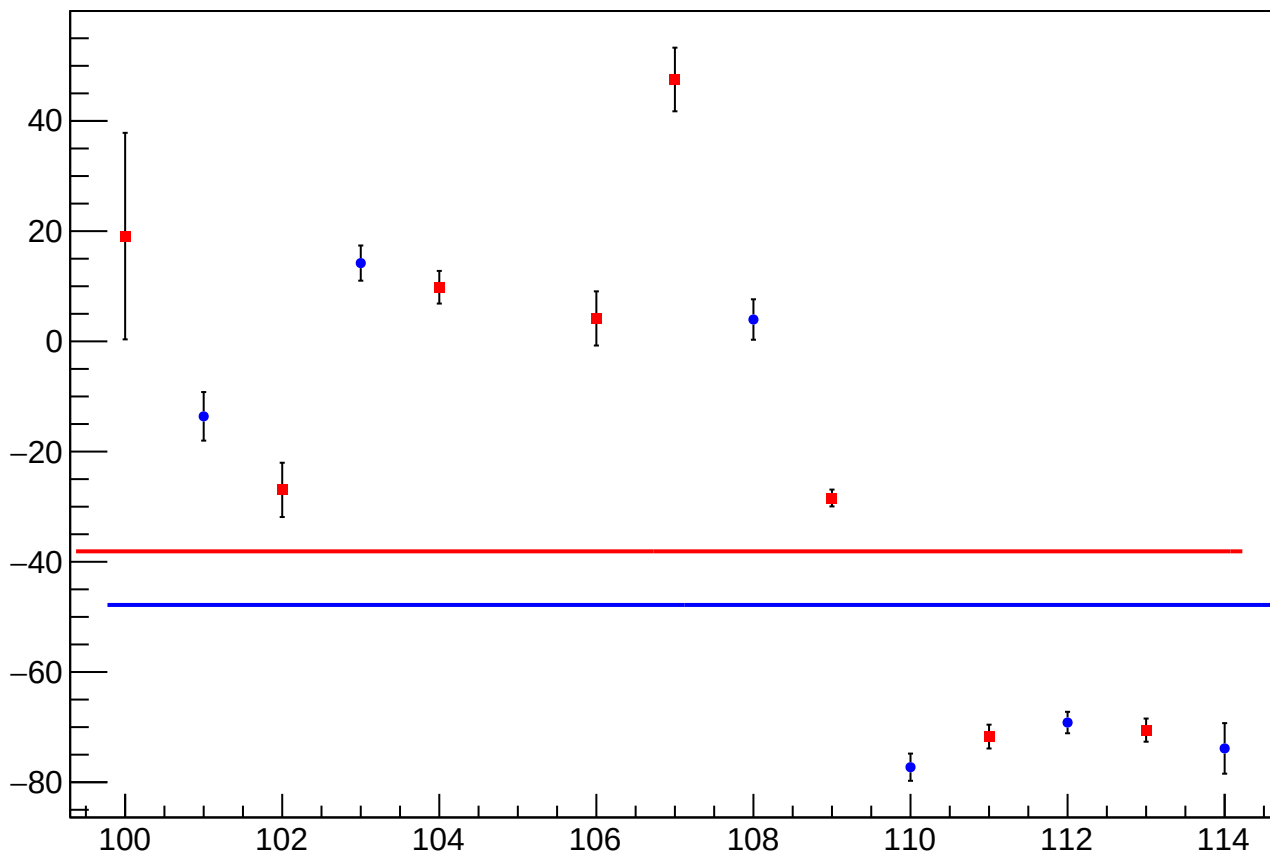
Right: -221.019+/-0.144 χ^2/NDF : 129808.5/13

In: -224.856+/-0.216 χ^2/NDF : 87566.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.019+/-0.144 χ^2/NDF : 129808.5/13

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.829+/-1.196 χ^2/NDF : 931.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -38.101+/-0.954 χ^2/NDF : 1090.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

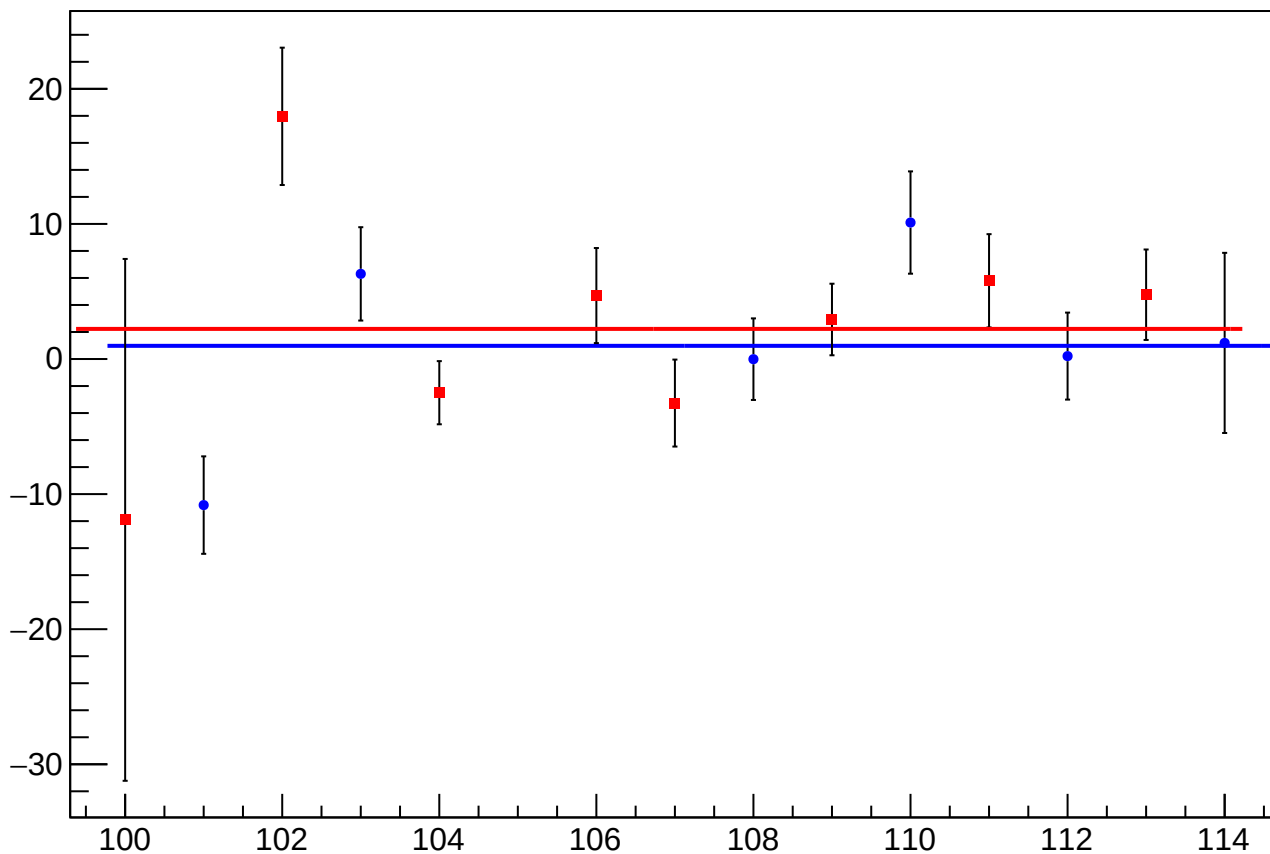
Right: -41.884+/-0.746 χ^2/NDF : 2063.0/13

In: -47.829+/-1.196 χ^2/NDF :931.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.884+/-0.746 χ^2/NDF : 2063.0/13

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

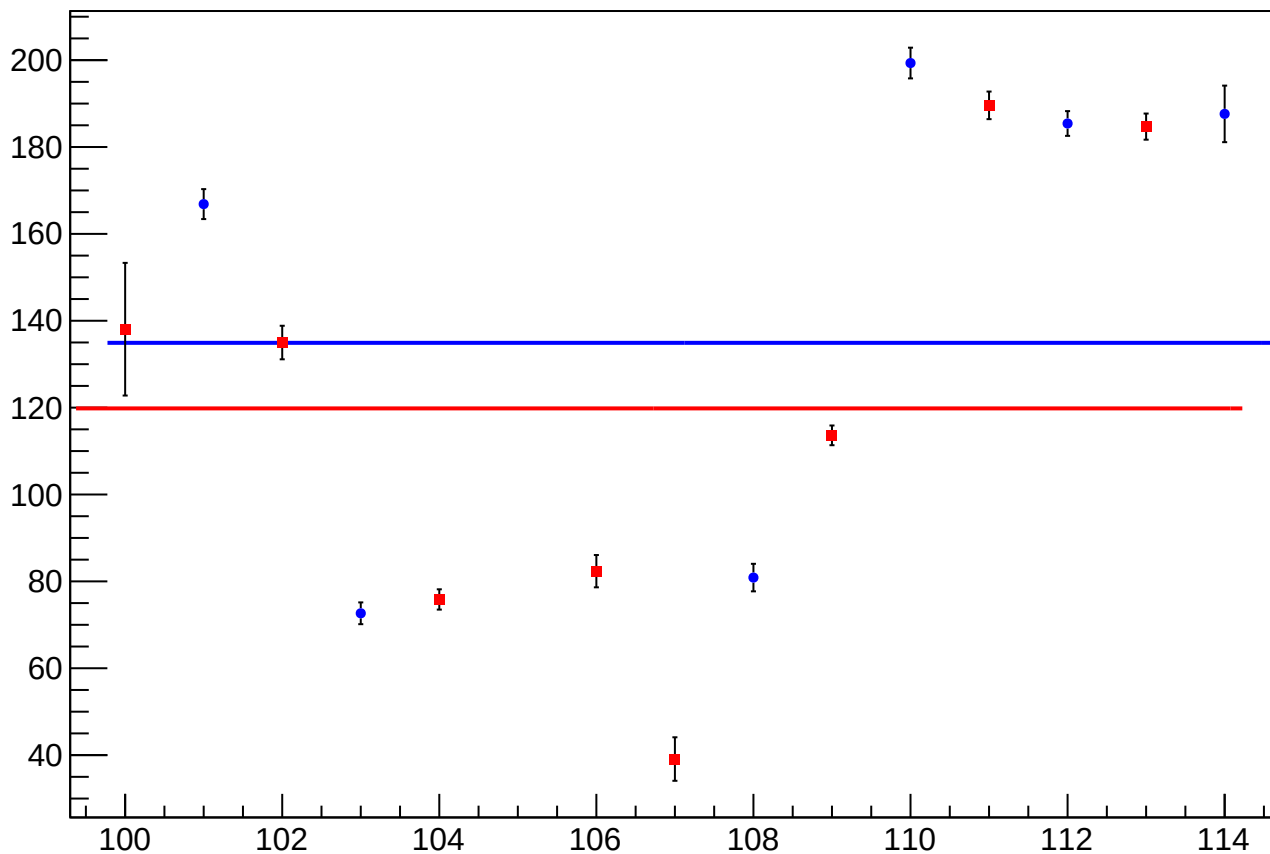
Right: 1.740 $\pm$ 0.922 χ^2 /NDF: 38.8/13

In: 0.976 $\pm$ 1.476 χ^2 /NDF: 19.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.740 $\pm$ 0.922 χ^2 /NDF: 38.8/13

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 134.918+/-1.325 χ^2/NDF : 1705.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.822+/-1.139 χ^2/NDF : 1687.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

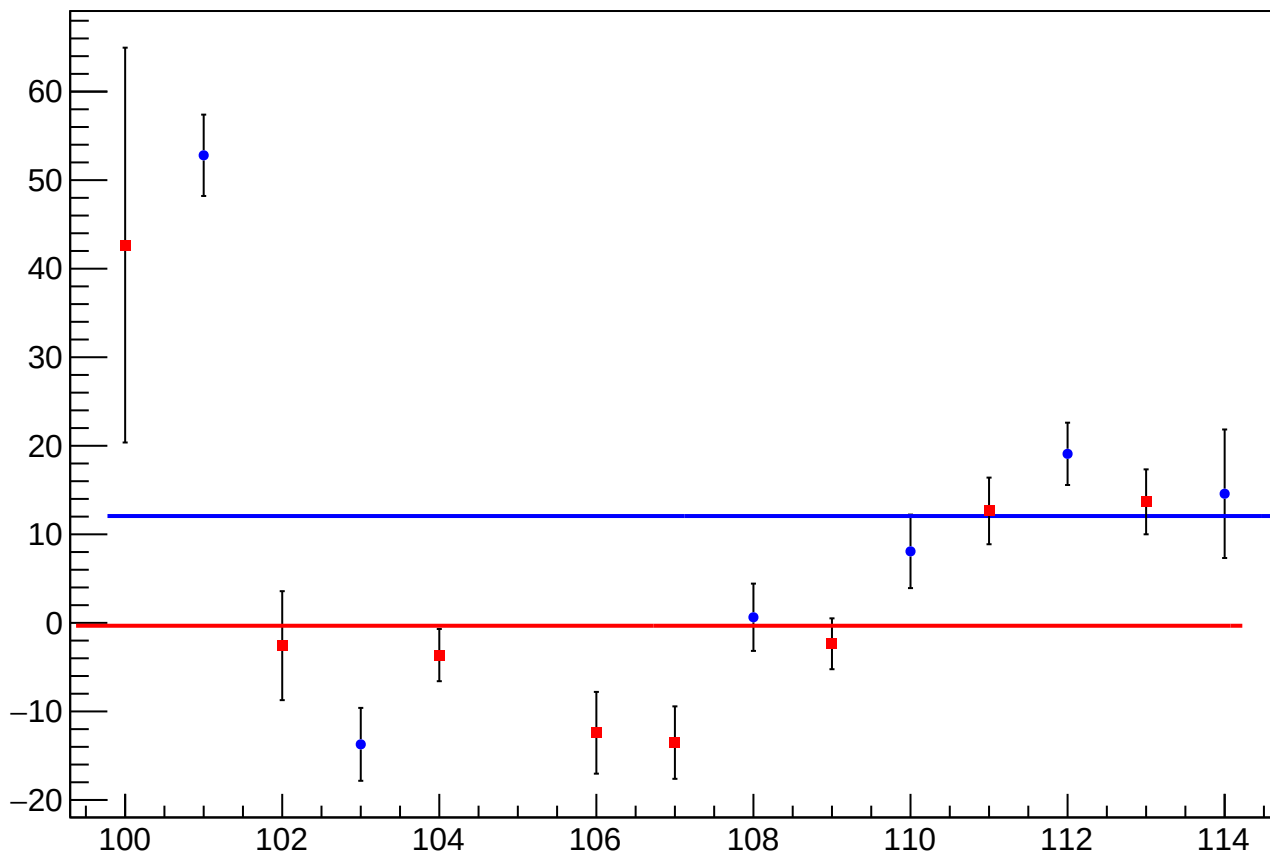
Right: 126.238+/-0.864 χ^2/NDF : 3467.5/13

In: 134.918+/-1.325 χ^2/NDF :1705.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.238+/-0.864 χ^2/NDF : 3467.5/13

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

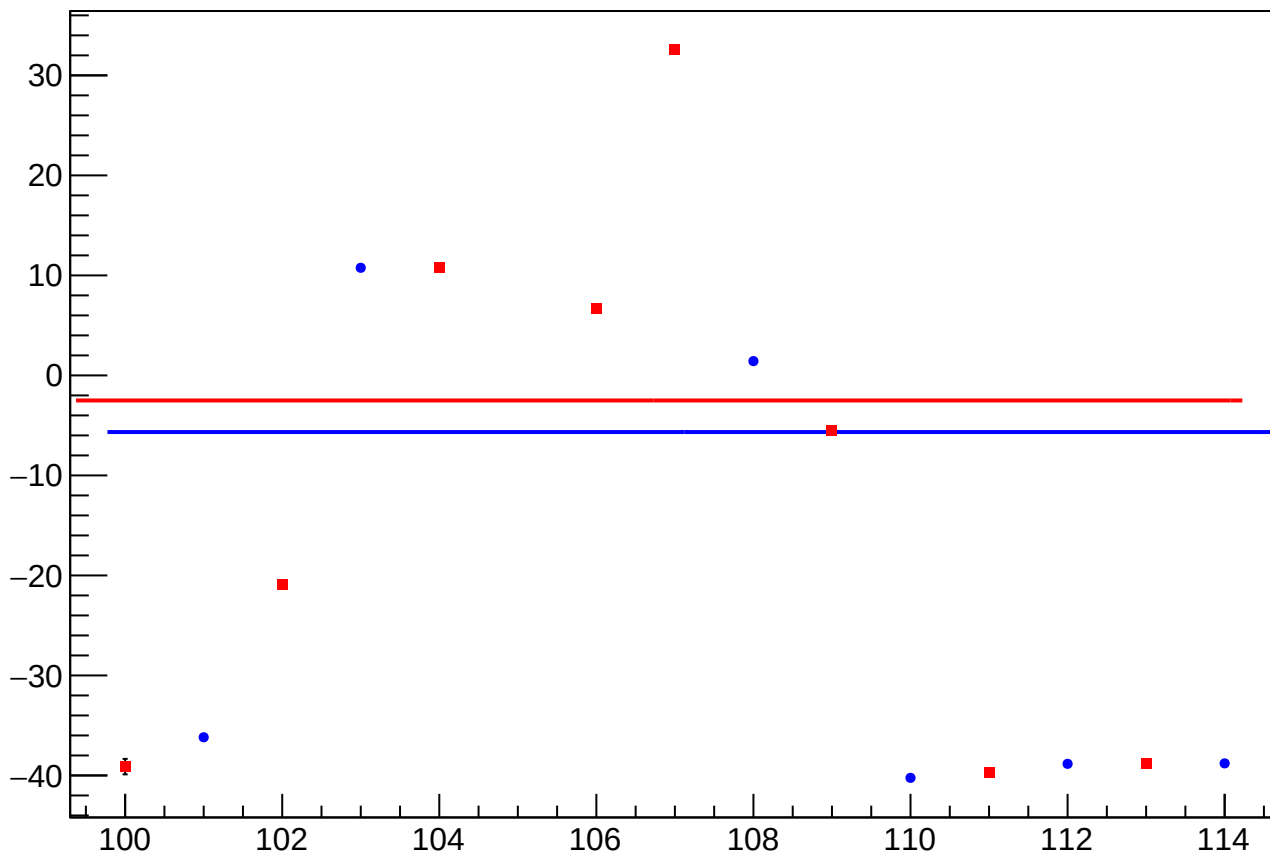
Right: 4.538 $\pm$ 1.085 χ^2 /NDF: 212.4/13

In: 12.066 $\pm$ 1.732 χ^2 /NDF:132.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.538 $\pm$ 1.085 χ^2 /NDF: 212.4/13

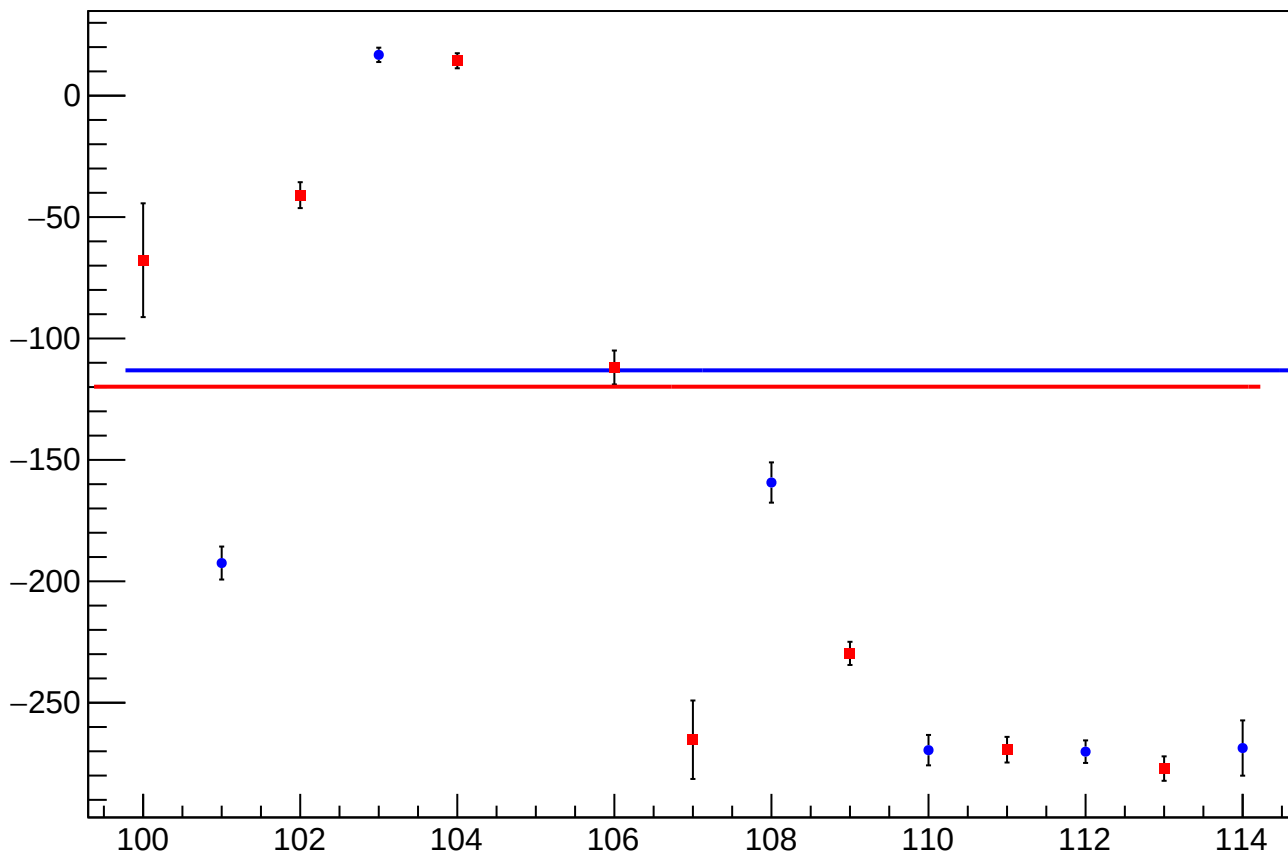
reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.662 $\pm$ 0.069 χ^2 /NDF: 90063.3/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.504 $\pm$ 0.065 χ^2 /NDF: 107933.0/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -3.982 $\pm$ 0.047 χ^2 /NDF: 199112.3/13
 In: -5.662 $\pm$ 0.069 χ^2 /NDF:90063.3/5
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -3.982 $\pm$ 0.047 χ^2 /NDF: 199112.3/13

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -113.117+/-2.084 χ^2/NDF : 4052.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.850+/-1.875 χ^2/NDF : 4486.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

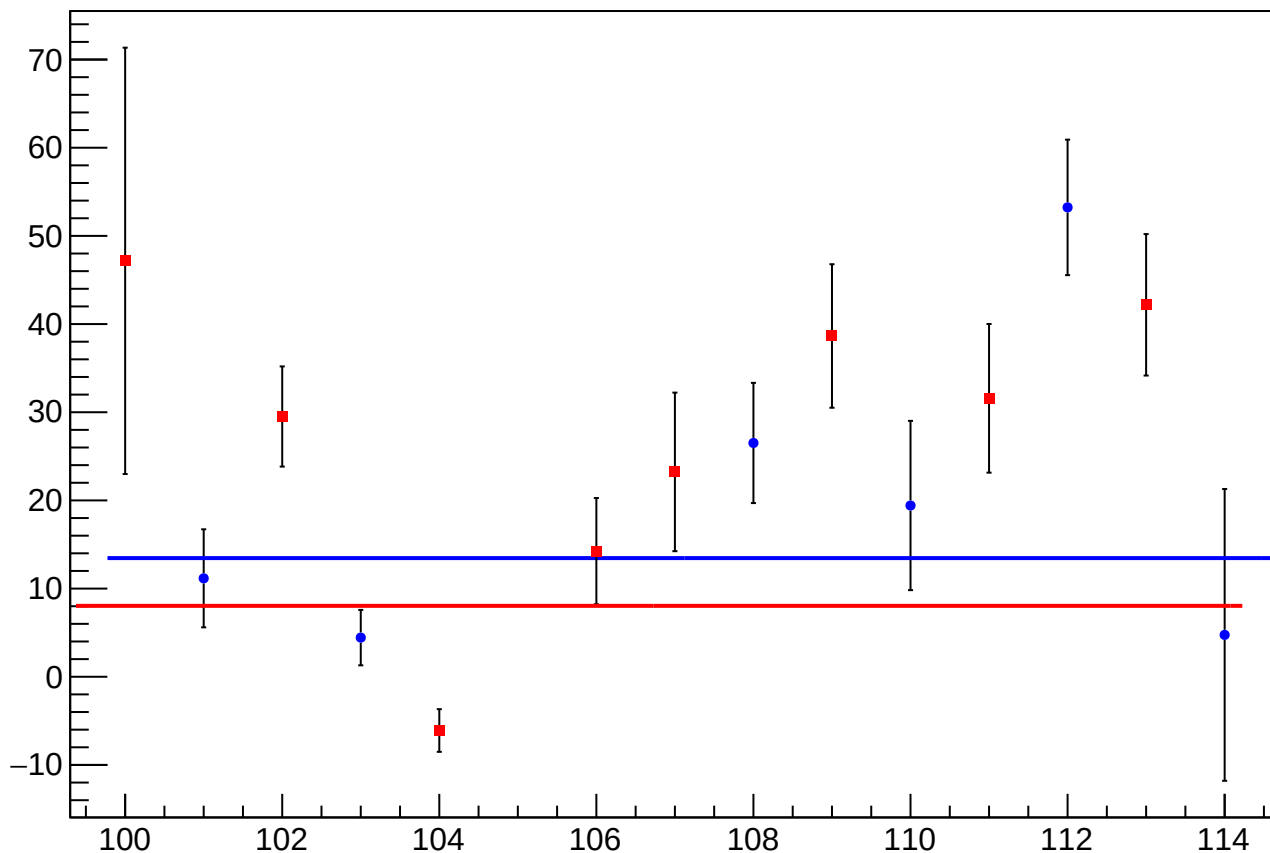
Right: -116.839+/-1.394 χ^2/NDF : 8544.5/13

In: -113.117+/-2.084 χ^2/NDF : 4052.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.839+/-1.394 χ^2/NDF : 8544.5/13

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.458+/-2.315 χ^2/NDF : 39.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.041+/-1.863 χ^2/NDF : 95.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

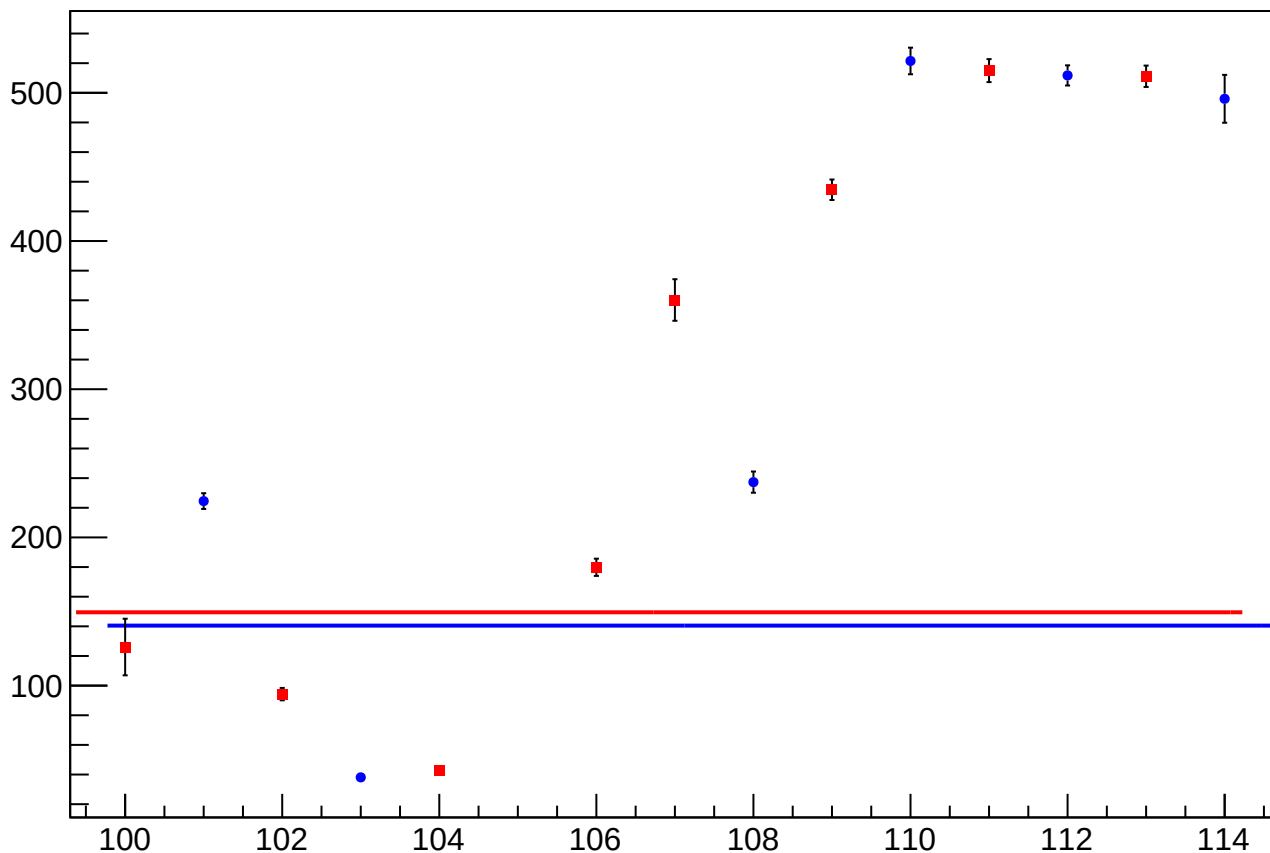
Right: 10.170+/-1.451 χ^2/NDF : 137.9/13

In: 13.458+/-2.315 χ^2/NDF : 39.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.170+/-1.451 χ^2/NDF : 137.9/13

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

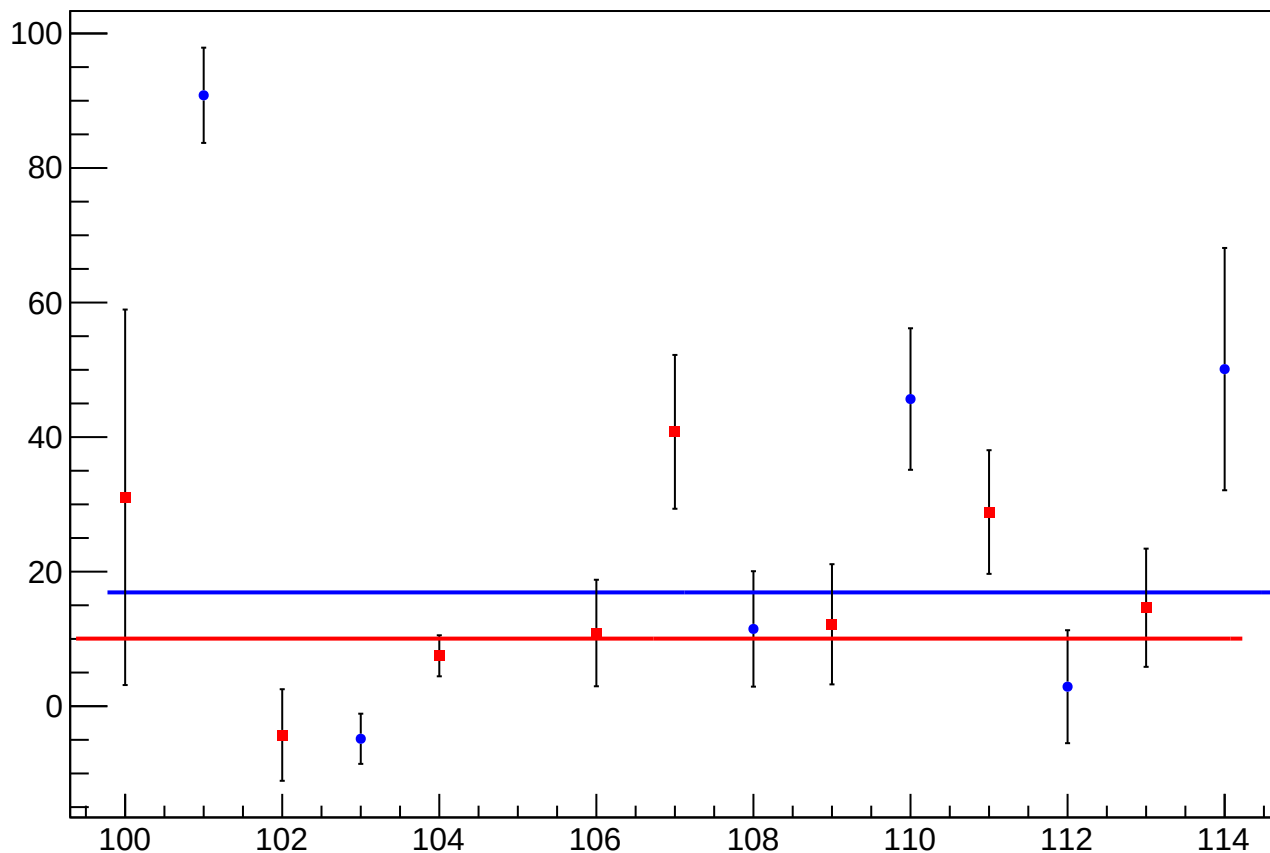
Right: 145.286 $\pm$ 1.295 χ^2 /NDF: 16421.6/13

In: 140.492 $\pm$ 1.896 χ^2 /NDF:7643.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.286 $\pm$ 1.295 χ^2 /NDF: 16421.6/13

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

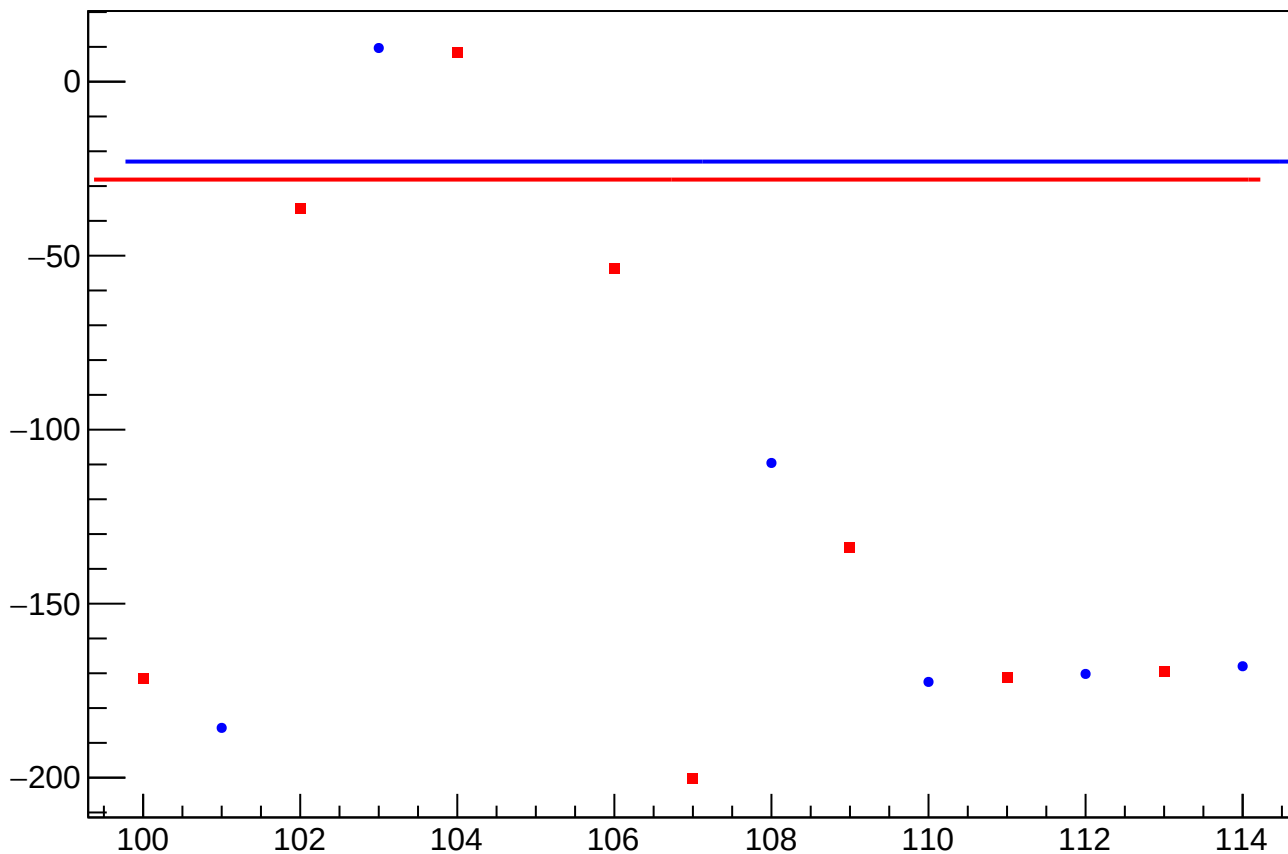
Right: 12.847 $\pm$ 1.759 χ^2 /NDF: 178.2/13

In: 16.915 $\pm$ 2.755 χ^2 /NDF: 157.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.847 $\pm$ 1.759 χ^2 /NDF: 178.2/13

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.958+/-0.086 χ^2/NDF : 595799.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.134+/-0.086 χ^2/NDF : 400524.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

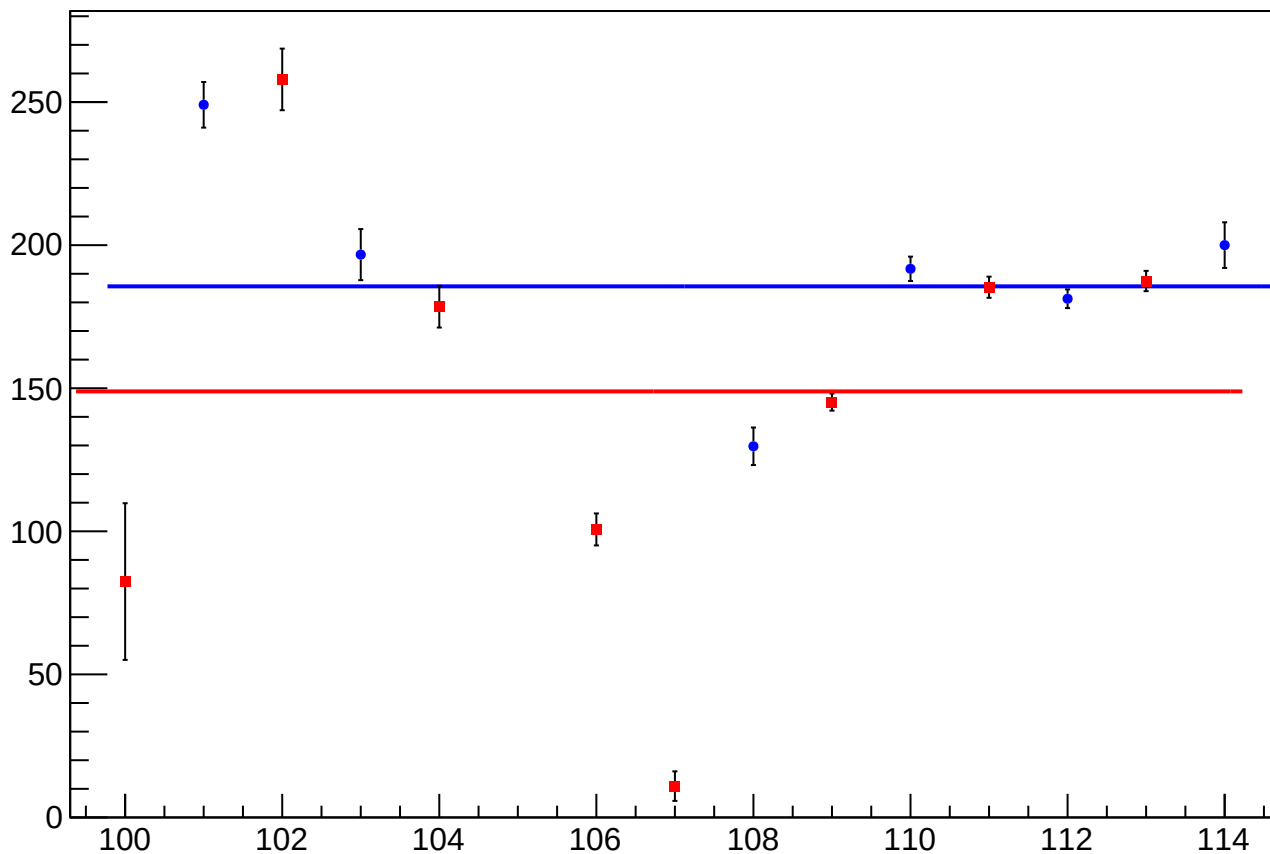
Right: -25.549+/-0.061 χ^2/NDF : 998136.3/13

In: -22.958+/-0.086 χ^2/NDF : 595799.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.549+/-0.061 χ^2/NDF : 998136.3/13

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

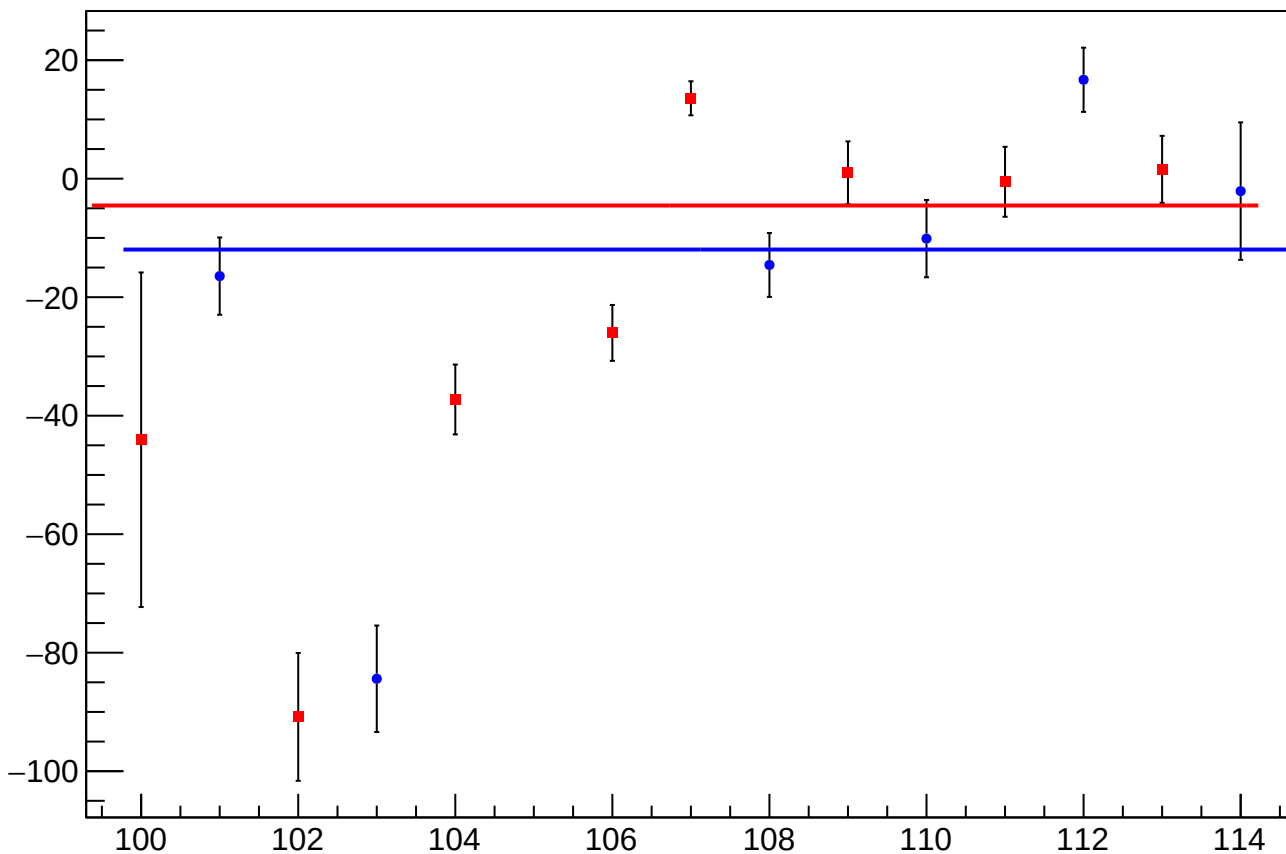
Right: 162.564 $\pm$ 1.314 χ^2 /NDF: 1458.0/13

In: 185.605 $\pm$ 2.154 χ^2 /NDF:144.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.564 $\pm$ 1.314 χ^2 /NDF: 1458.0/13

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.961 $\pm$ 2.719 χ^2 /NDF: 94.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.529 $\pm$ 1.824 χ^2 /NDF: 160.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

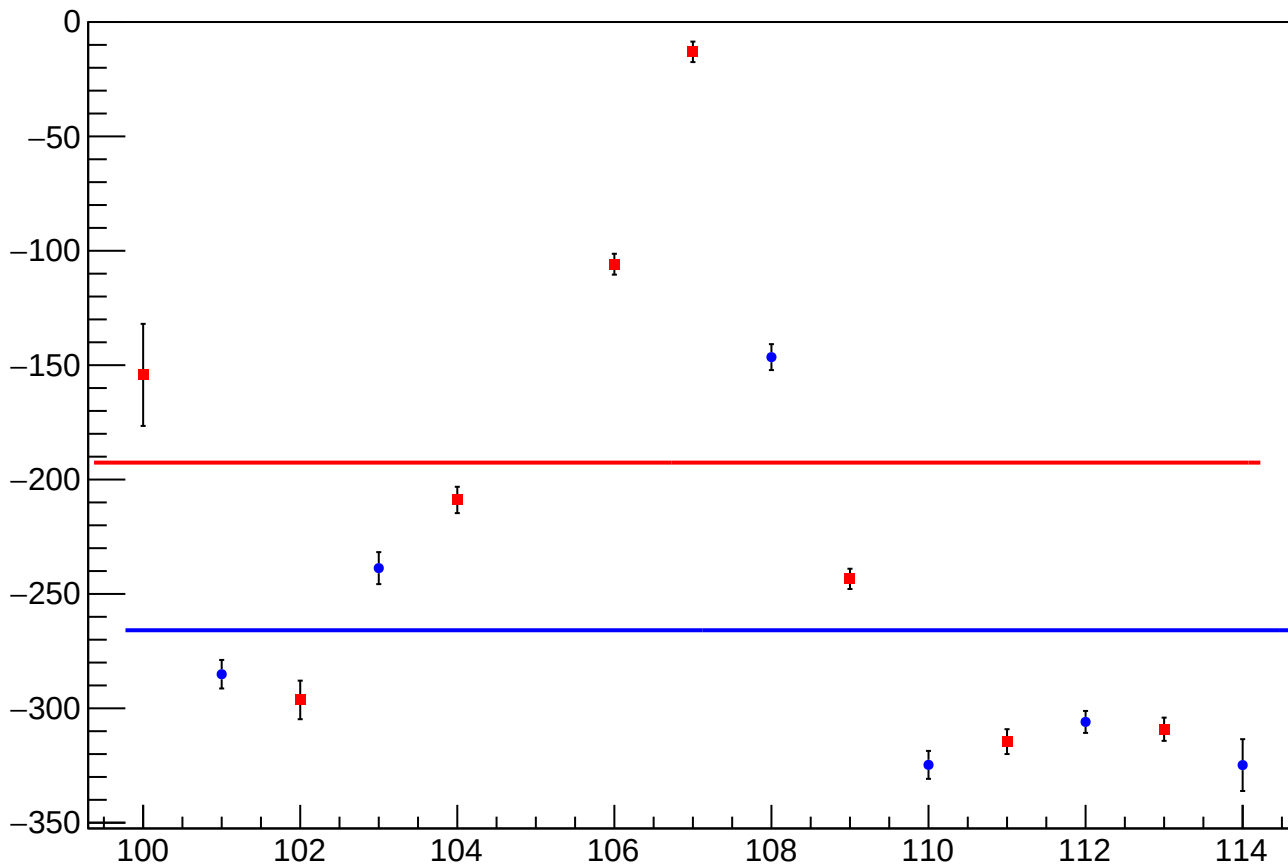
Right: -6.835 $\pm$ 1.515 χ^2 /NDF: 259.6/13

In: -11.961 $\pm$ 2.719 χ^2 /NDF: 94.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.835 $\pm$ 1.515 χ^2 /NDF: 259.6/13

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

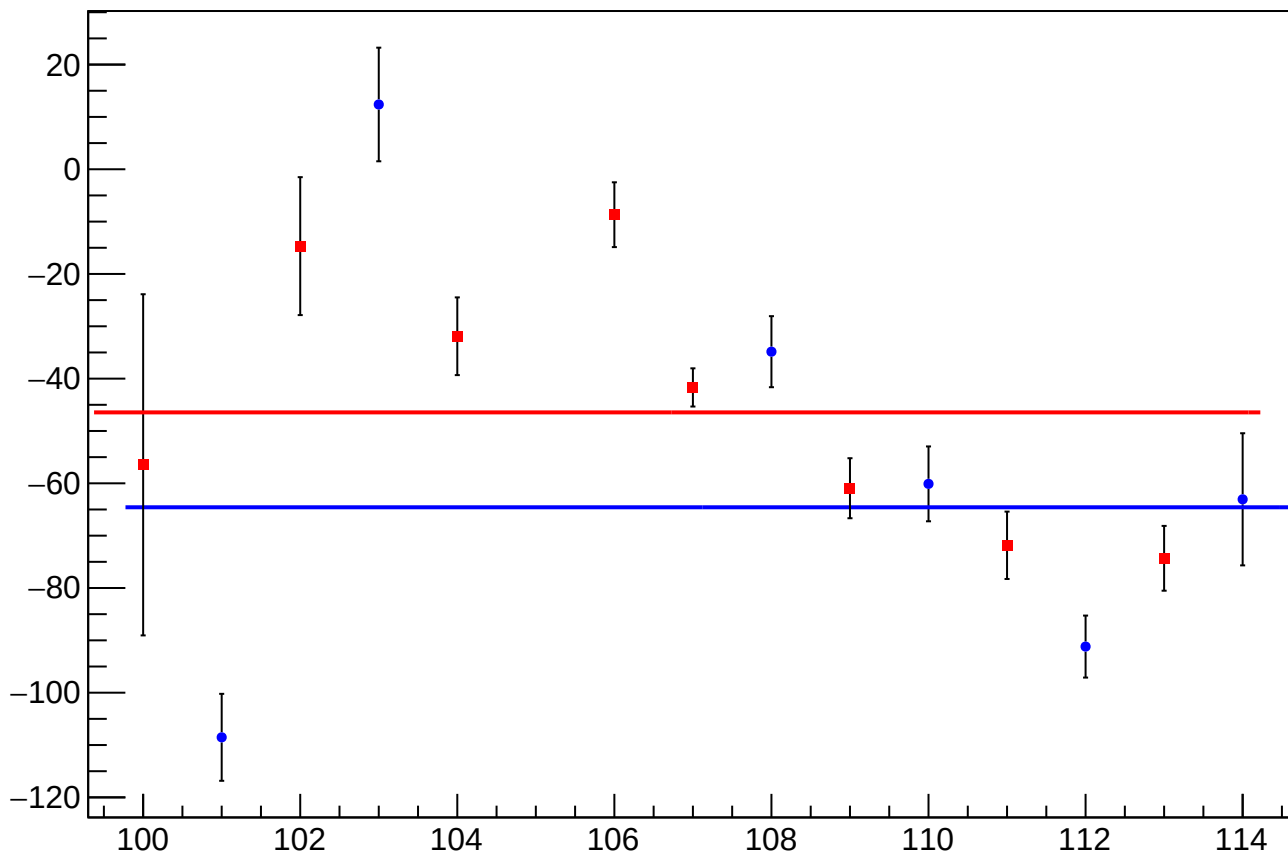
Right: -219.501+/-1.537 χ^2/NDF : 4480.9/13

In: -265.874+/-2.537 χ^2/NDF : 658.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.501+/-1.537 χ^2/NDF : 4480.9/13

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.578 $\pm$ 3.178 χ^2 /NDF: 118.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.449 $\pm$ 2.199 χ^2 /NDF: 90.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

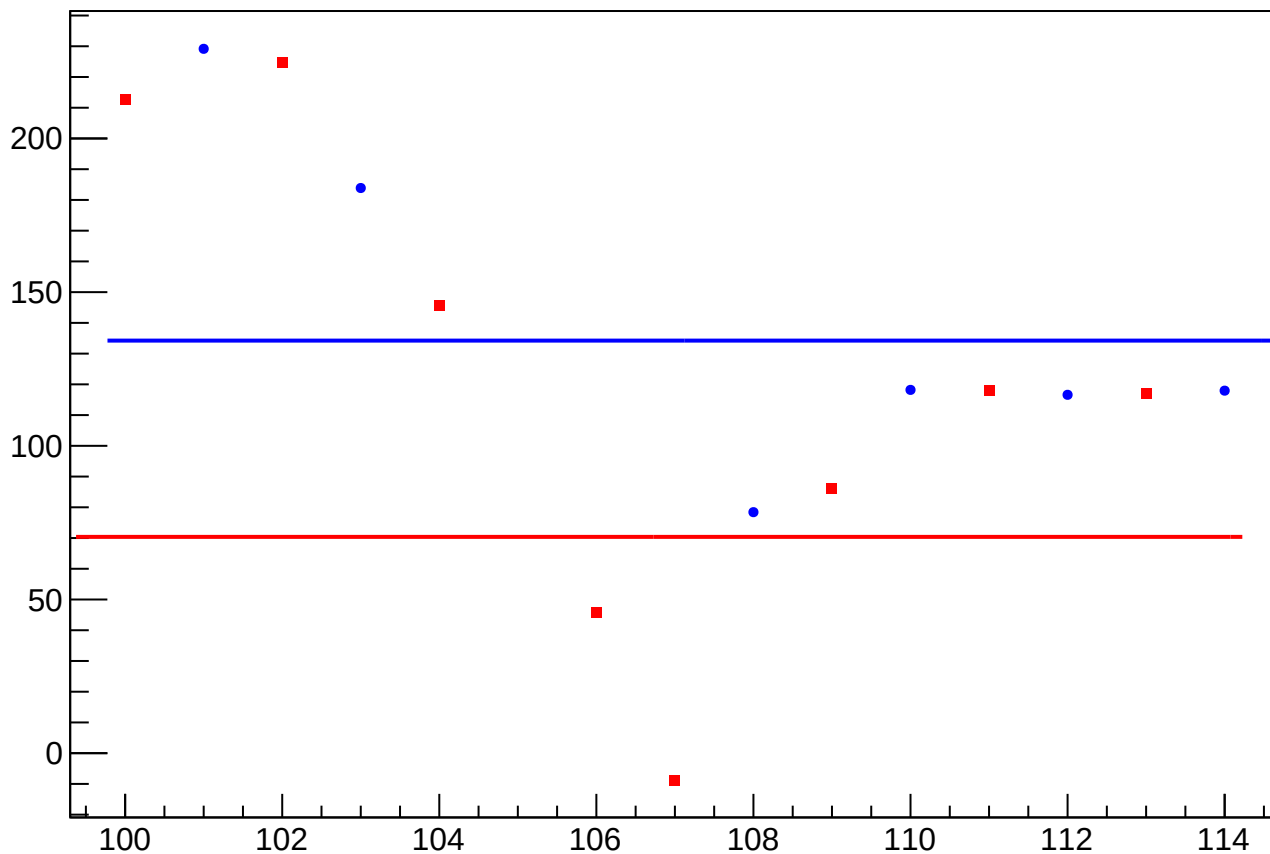
Right: -52.321 $\pm$ 1.808 χ^2 /NDF: 231.0/13

In: -64.578 $\pm$ 3.178 χ^2 /NDF:118.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -52.321 $\pm$ 1.808 χ^2 /NDF: 231.0/13

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 134.235+/-0.142 χ^2/NDF : 154143.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.375+/-0.103 χ^2/NDF : 492691.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

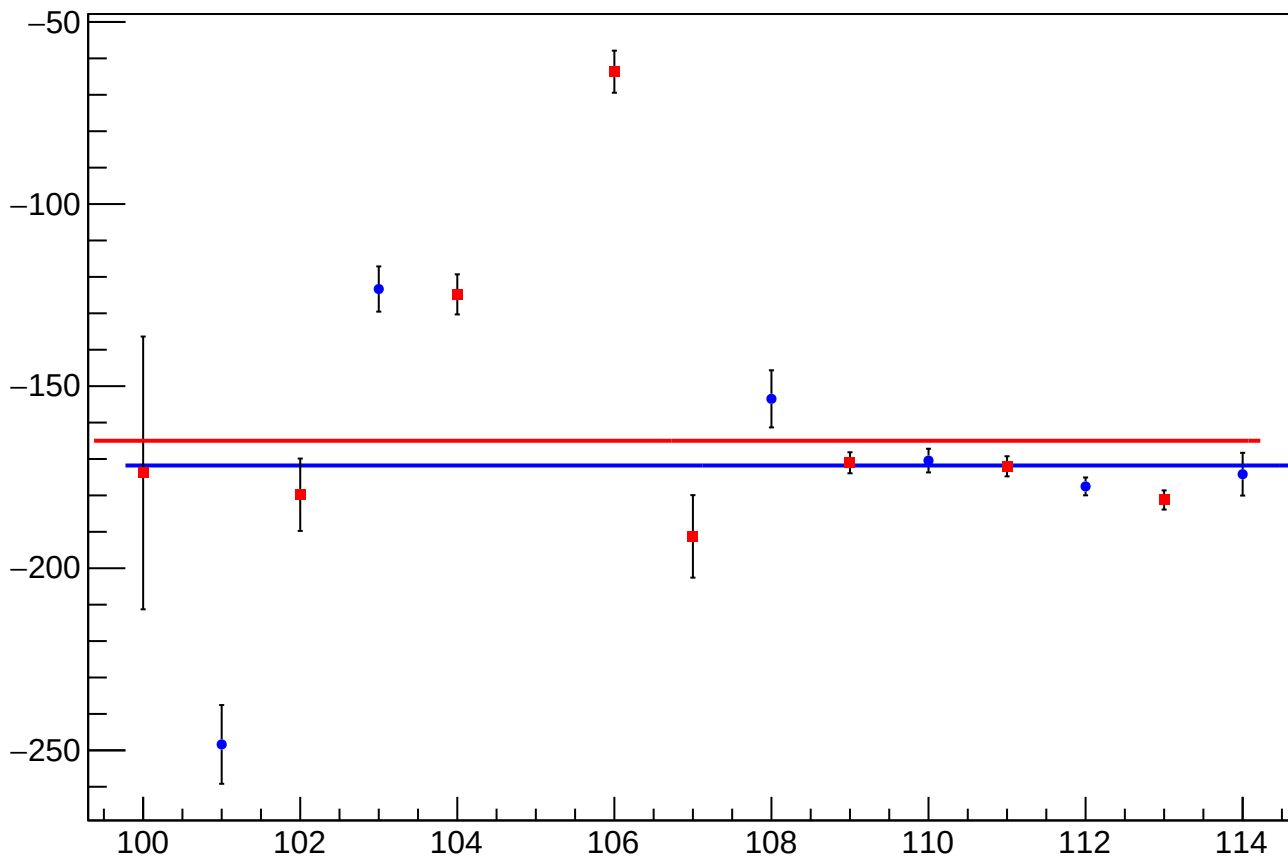
Right: 92.262+/-0.083 χ^2/NDF : 779073.0/13

In: 134.235+/-0.142 χ^2/NDF : 154143.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.262+/-0.083 χ^2/NDF : 779073.0/13

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

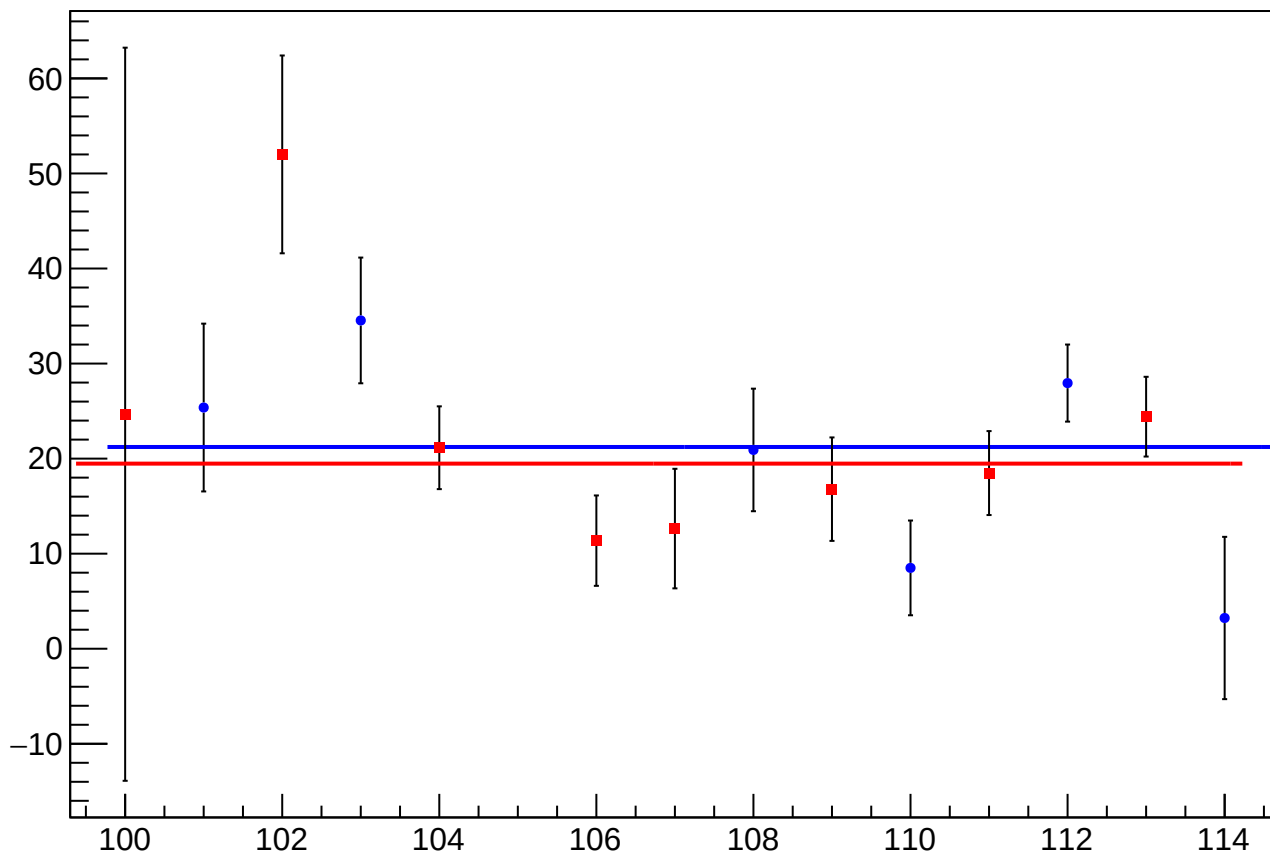
Right: -167.822 $\pm$ 1.105 χ^2 /NDF: 549.0/13

In: -171.784 $\pm$ 1.713 χ^2 /NDF:122.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -167.822 $\pm$ 1.105 χ^2 /NDF: 549.0/13

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.225+/-2.393 χ^2/NDF : 18.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.473+/-1.910 χ^2/NDF : 15.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

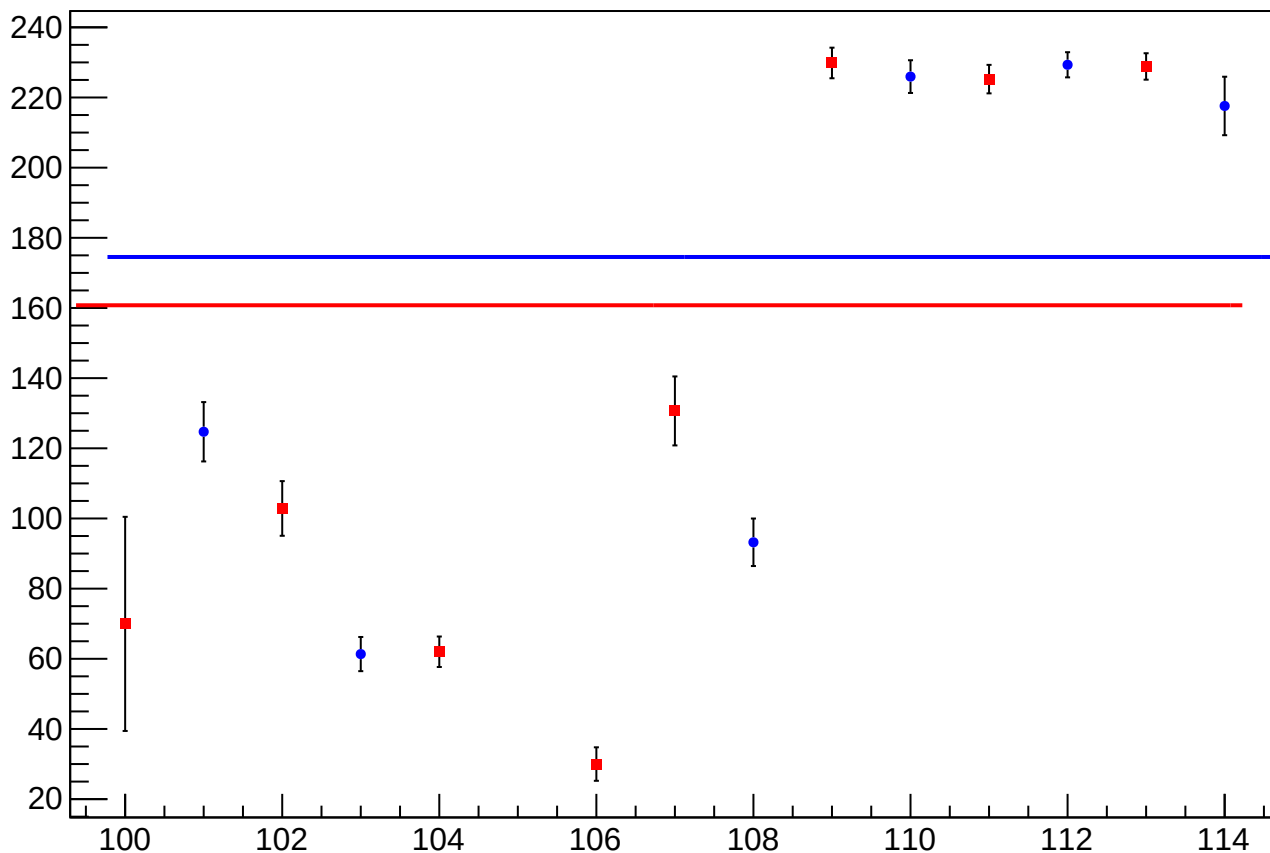
Right: 20.155+/-1.493 χ^2/NDF : 34.0/13

In: 21.225+/-2.393 χ^2/NDF : 18.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.155+/-1.493 χ^2/NDF : 34.0/13

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 174.536+/-2.152 χ^2/NDF : 1100.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.773+/-1.800 χ^2/NDF : 2170.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

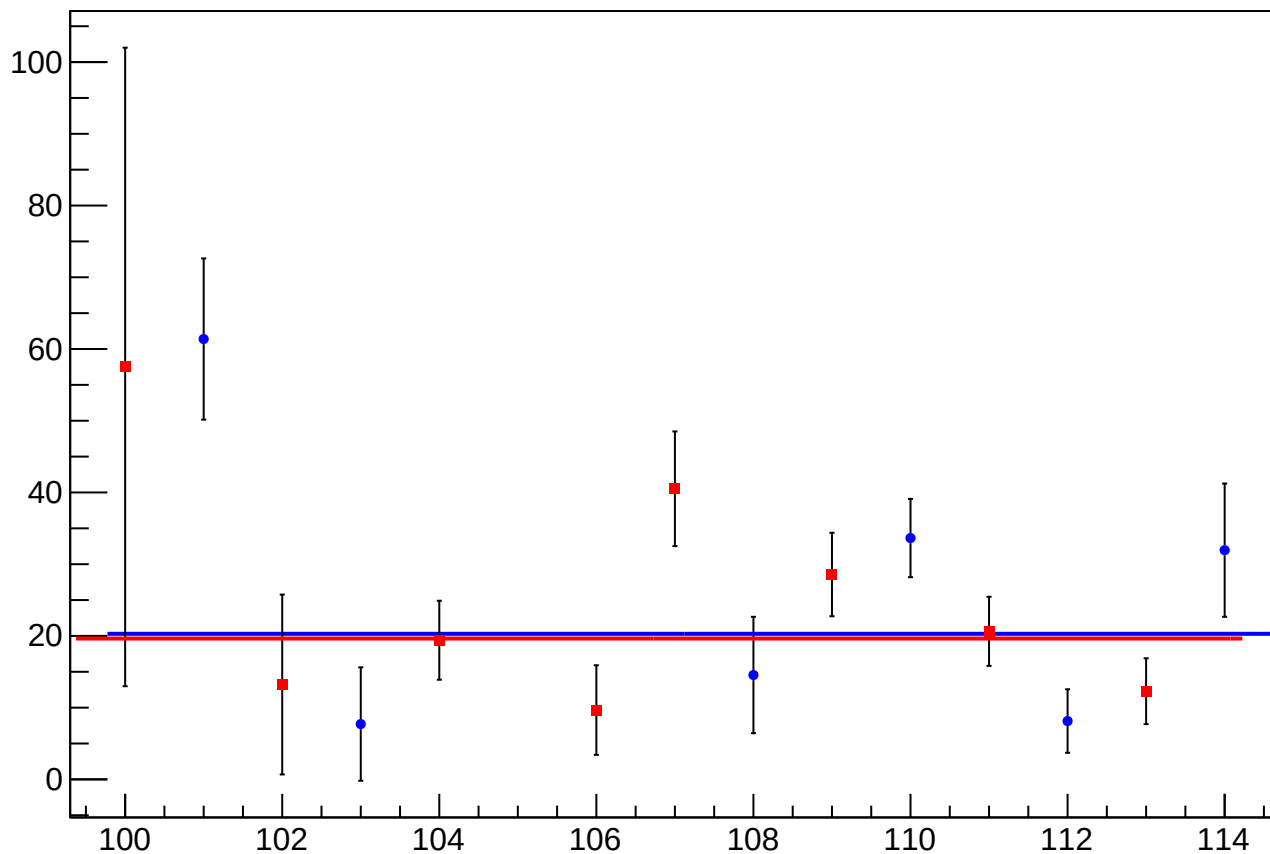
Right: 166.441+/-1.381 χ^2/NDF : 3295.1/13

In: 174.536+/-2.152 χ^2/NDF : 1100.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.441+/-1.381 χ^2/NDF : 3295.1/13

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

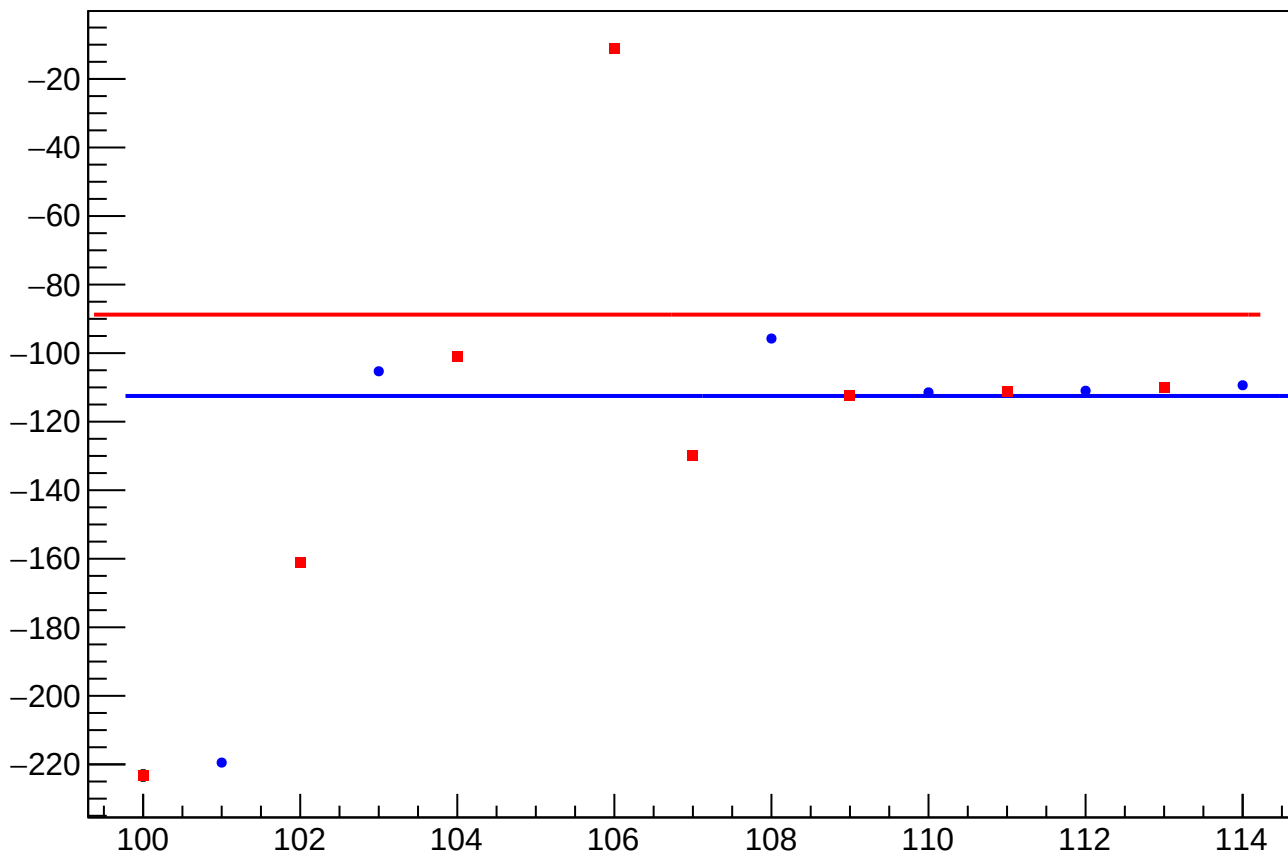
Right: 19.900+/-1.724 χ^2/NDF : 46.8/13

In: 20.293+/-2.720 χ^2/NDF : 31.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.900+/-1.724 χ^2/NDF : 46.8/13

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

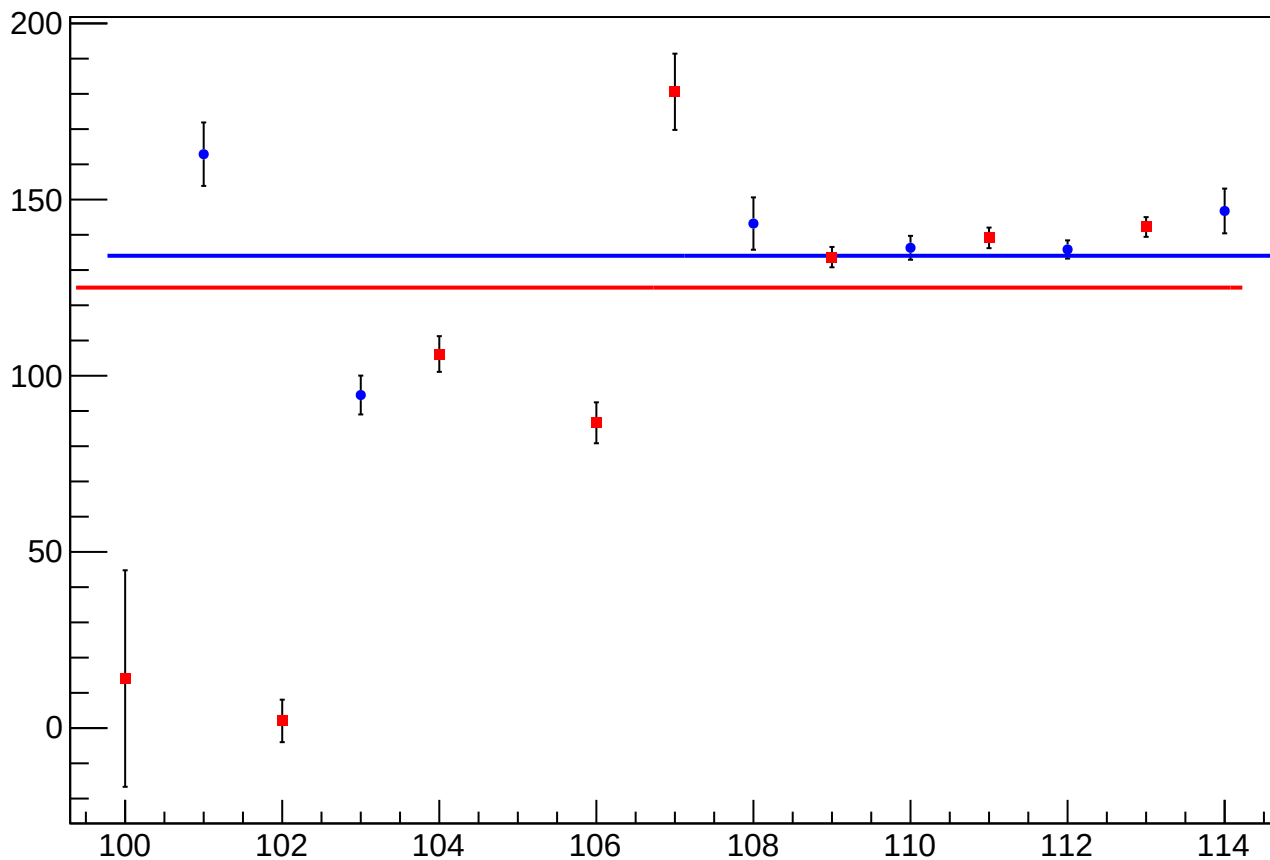
Right: -98.191+/-0.080 χ^2/NDF : 306987.1/13

In: -112.501+/-0.126 χ^2/NDF : 50267.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.191+/-0.080 χ^2/NDF : 306987.1/13

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

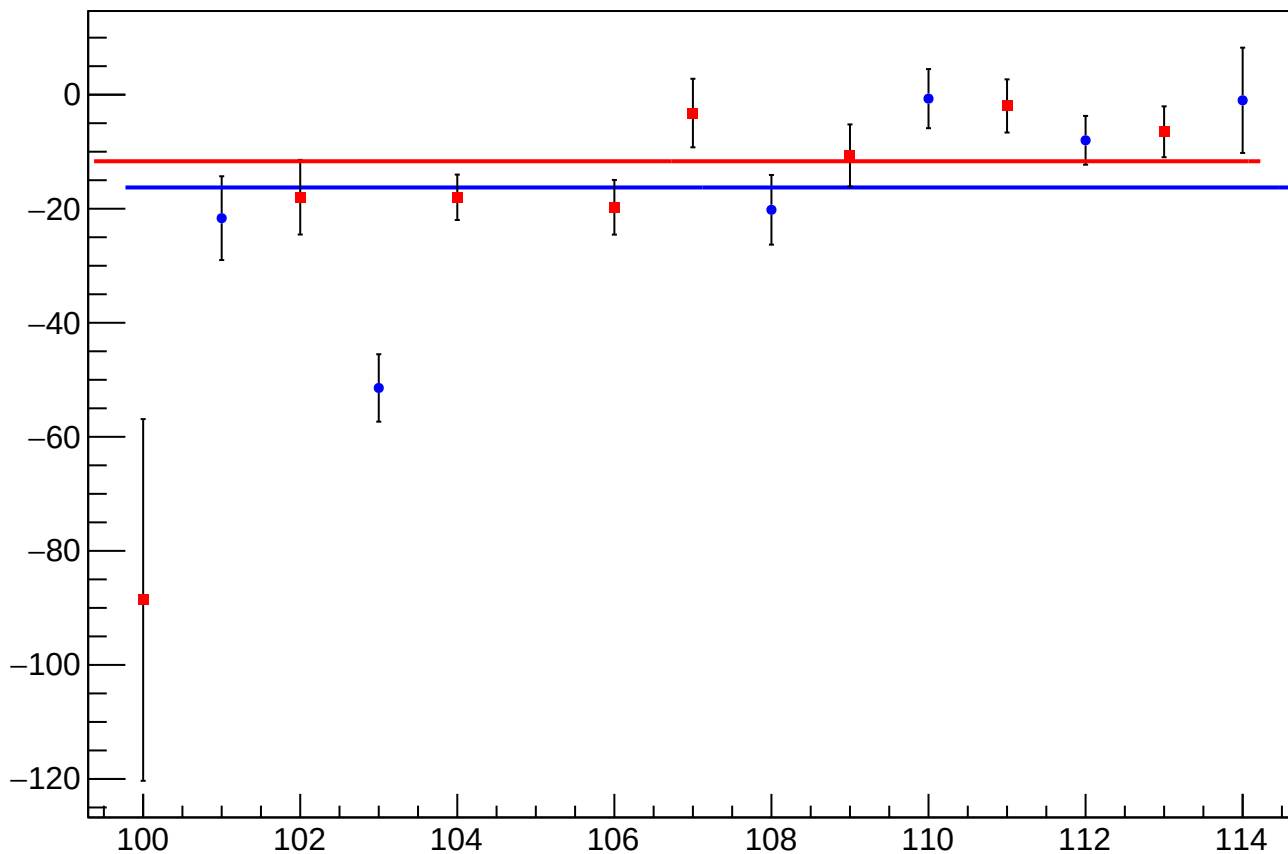
Right: 128.707 $\pm$ 1.121 χ^2 /NDF: 666.6/13

In: 134.052 $\pm$ 1.754 χ^2 /NDF:68.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.707 $\pm$ 1.121 χ^2 /NDF: 666.6/13

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

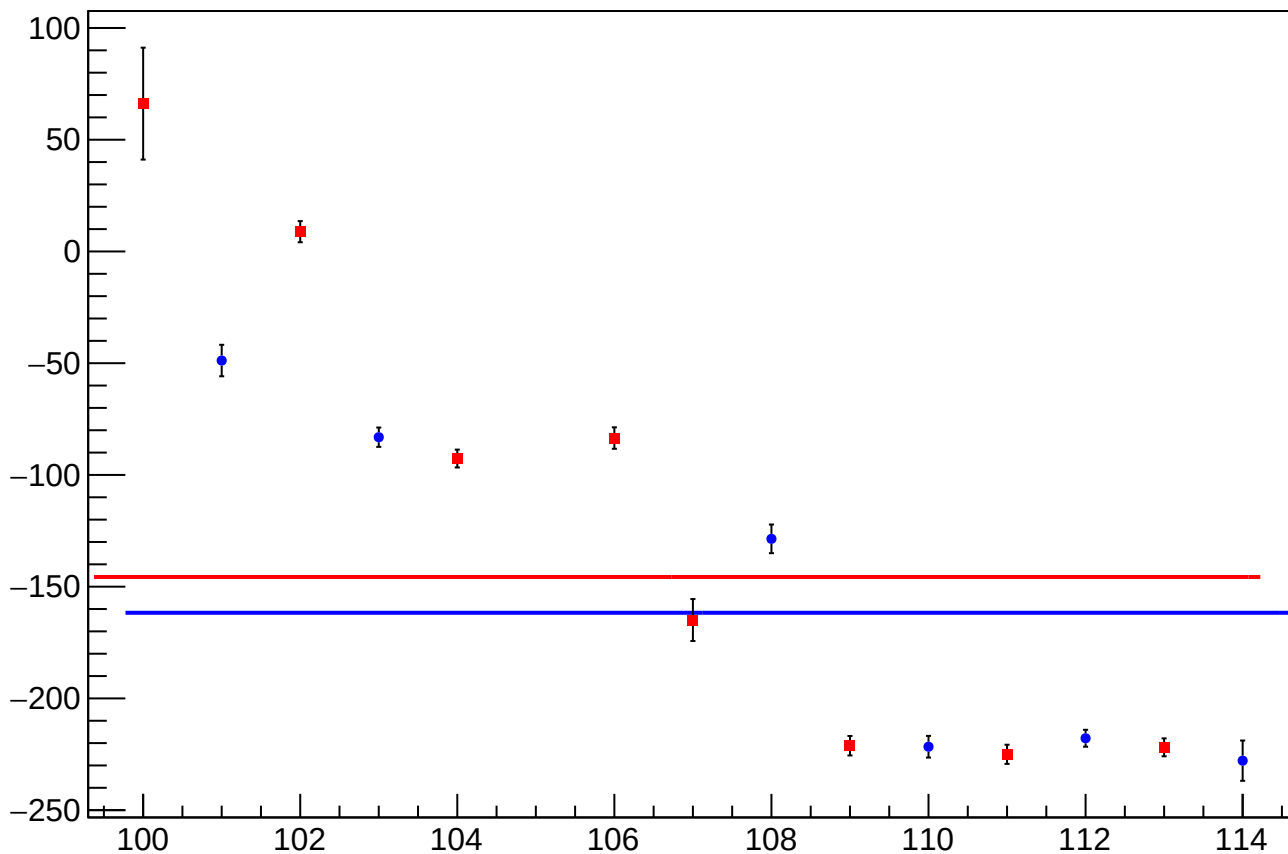
Right: -13.423 ± 1.465 $\chi^2/\text{NDF}: 74.0/13$

In: -16.270 ± 2.373 $\chi^2/\text{NDF}: 51.8/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -13.423 ± 1.465 $\chi^2/\text{NDF}: 74.0/13$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -161.674 $\pm$ 2.121 χ^2 /NDF: 1039.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -145.659 $\pm$ 1.733 χ^2 /NDF: 2491.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

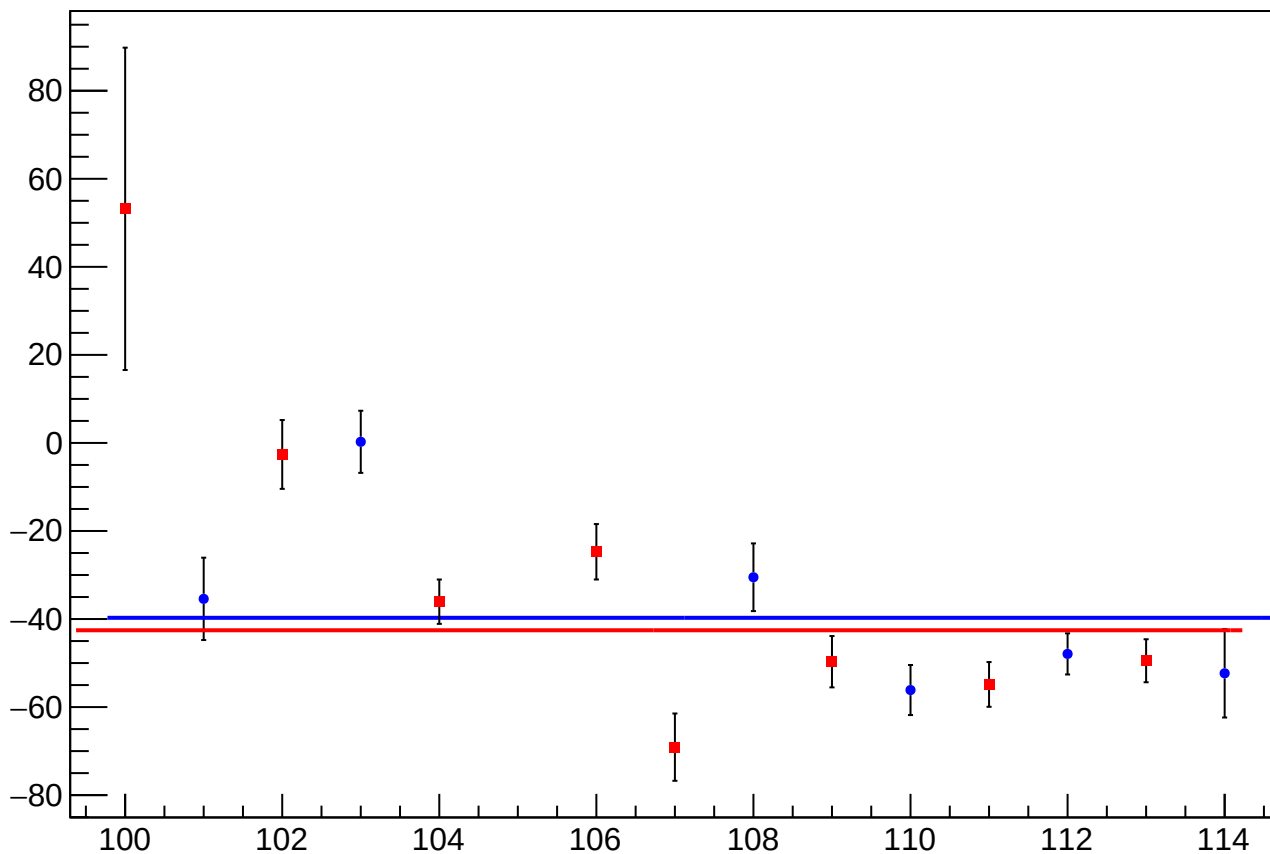
Right: -152.072 $\pm$ 1.342 χ^2 /NDF: 3564.6/13

In: -161.674 $\pm$ 2.121 χ^2 /NDF:1039.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -152.072 $\pm$ 1.342 χ^2 /NDF: 3564.6/13

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

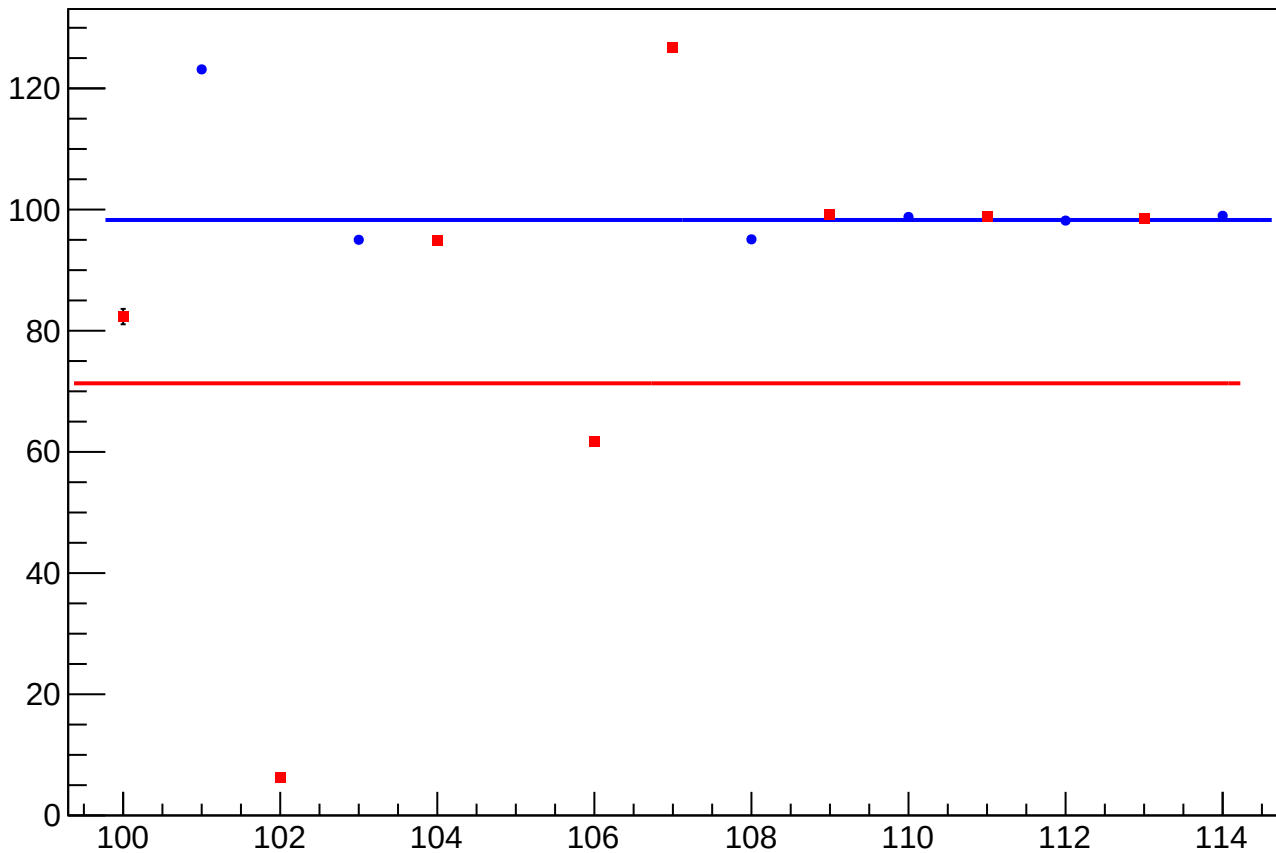
Right: -41.442 ± 1.705 χ^2/NDF : 111.4/13

In: -39.722 ± 2.721 χ^2/NDF : 46.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.442 ± 1.705 χ^2/NDF : 111.4/13

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

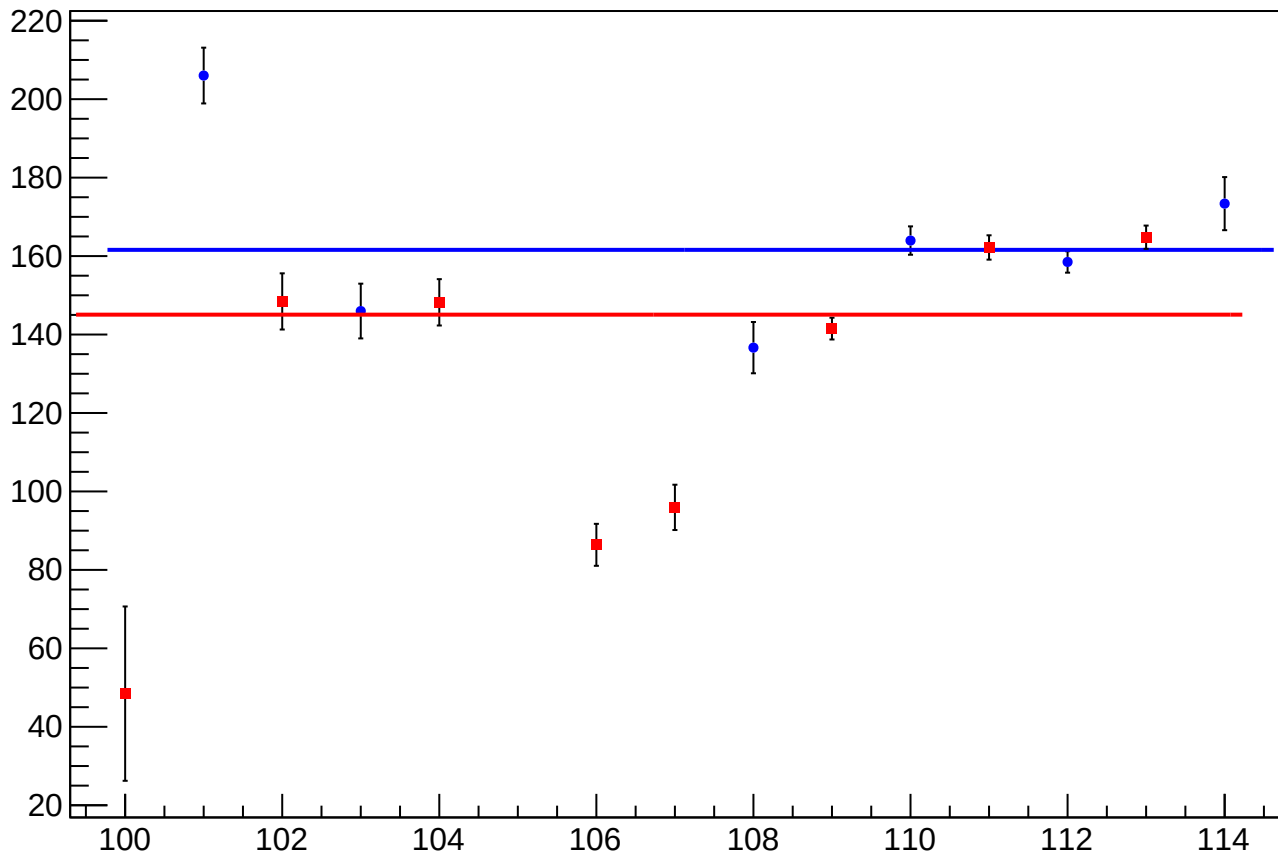
Right: 81.644+/-0.074 χ^2/NDF : 200007.2/13

In: 98.281+/-0.119 χ^2/NDF : 4014.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.644+/-0.074 χ^2/NDF : 200007.2/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 161.589±1.838 χ^2/NDF : 63.3/5

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 145.068±1.470 χ^2/NDF : 288.5/7

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

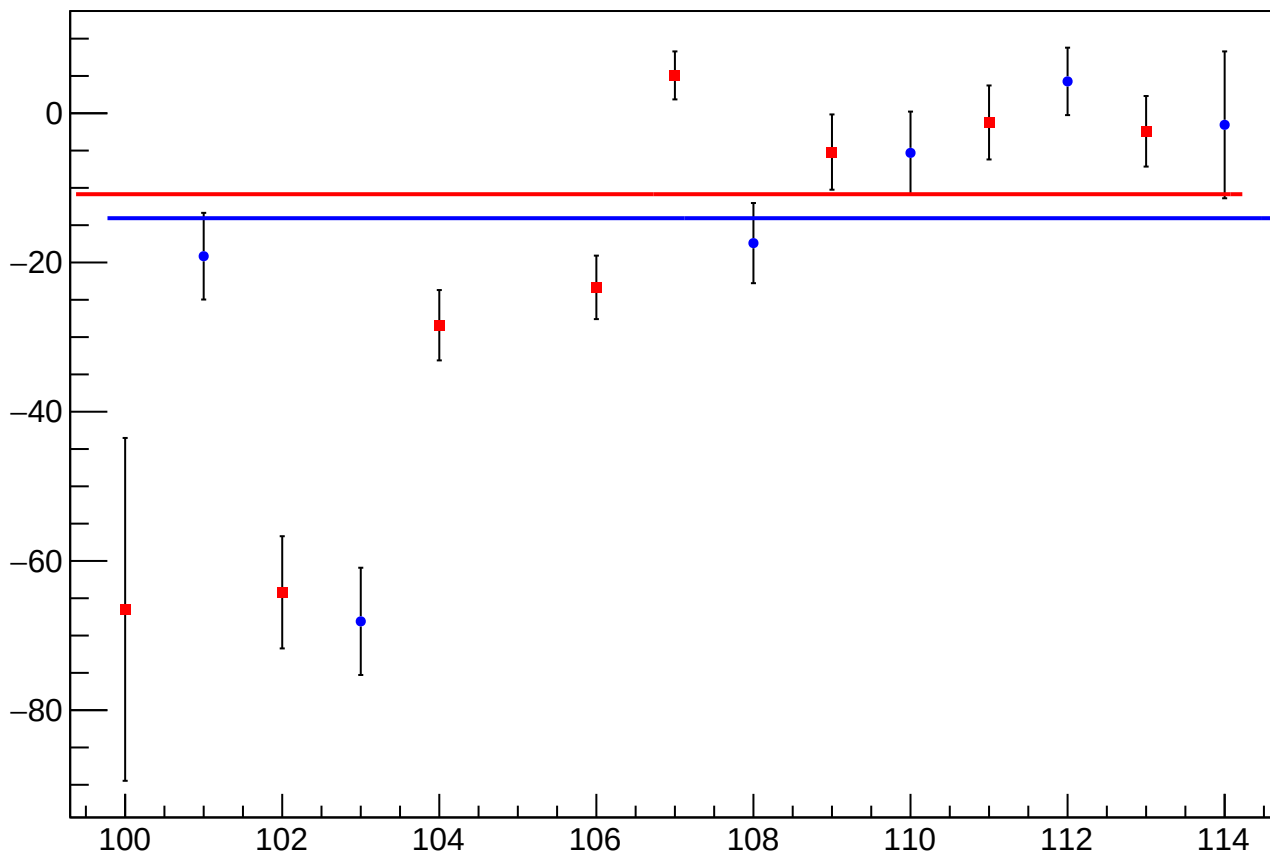
Right: 151.514±1.148 χ^2/NDF : 401.1/13

In: 161.589±1.838 χ^2/NDF : 63.3/5

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: 151.514±1.148 χ^2/NDF : 401.1/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

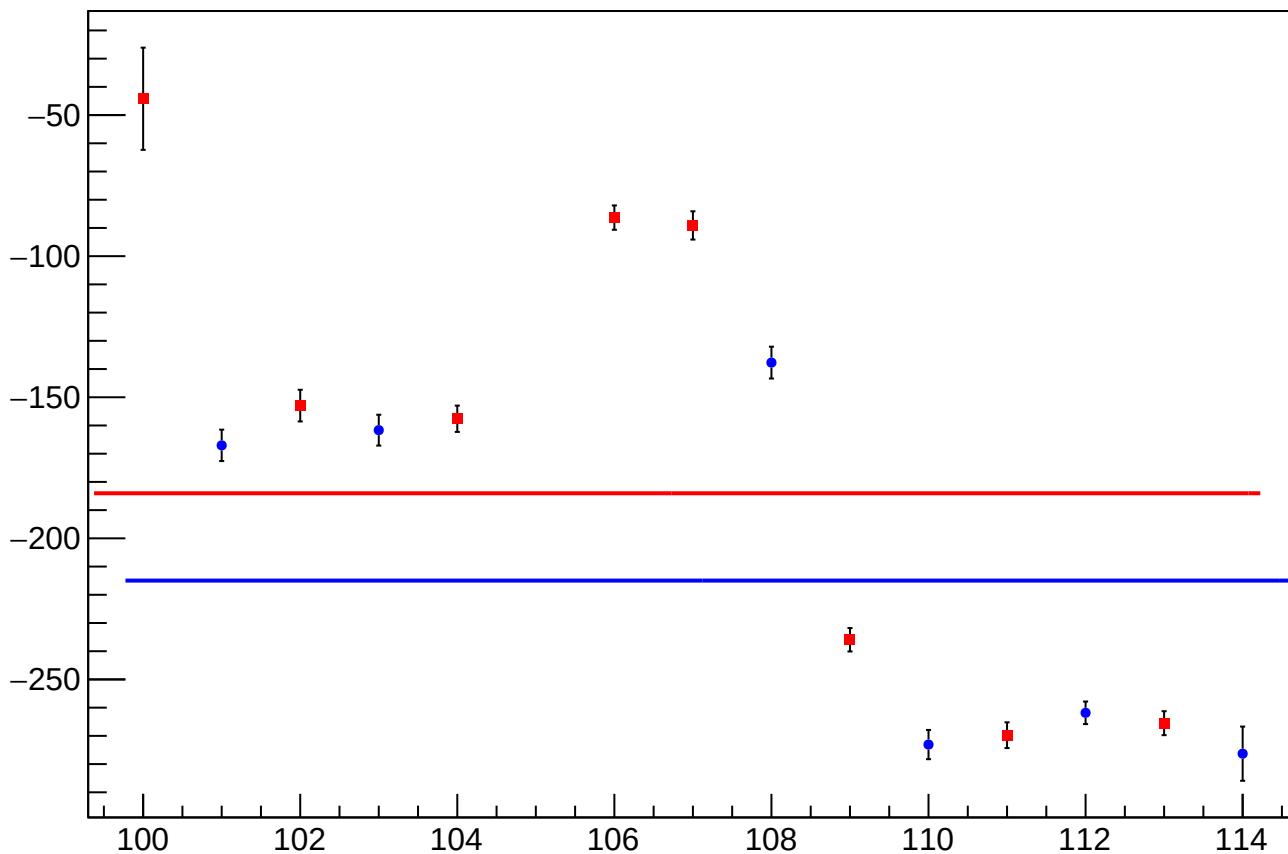
Right: -11.941 $\pm$ 1.391 χ^2 /NDF: 190.9/13

In: -14.064 $\pm$ 2.386 χ^2 /NDF:78.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.941 $\pm$ 1.391 χ^2 /NDF: 190.9/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

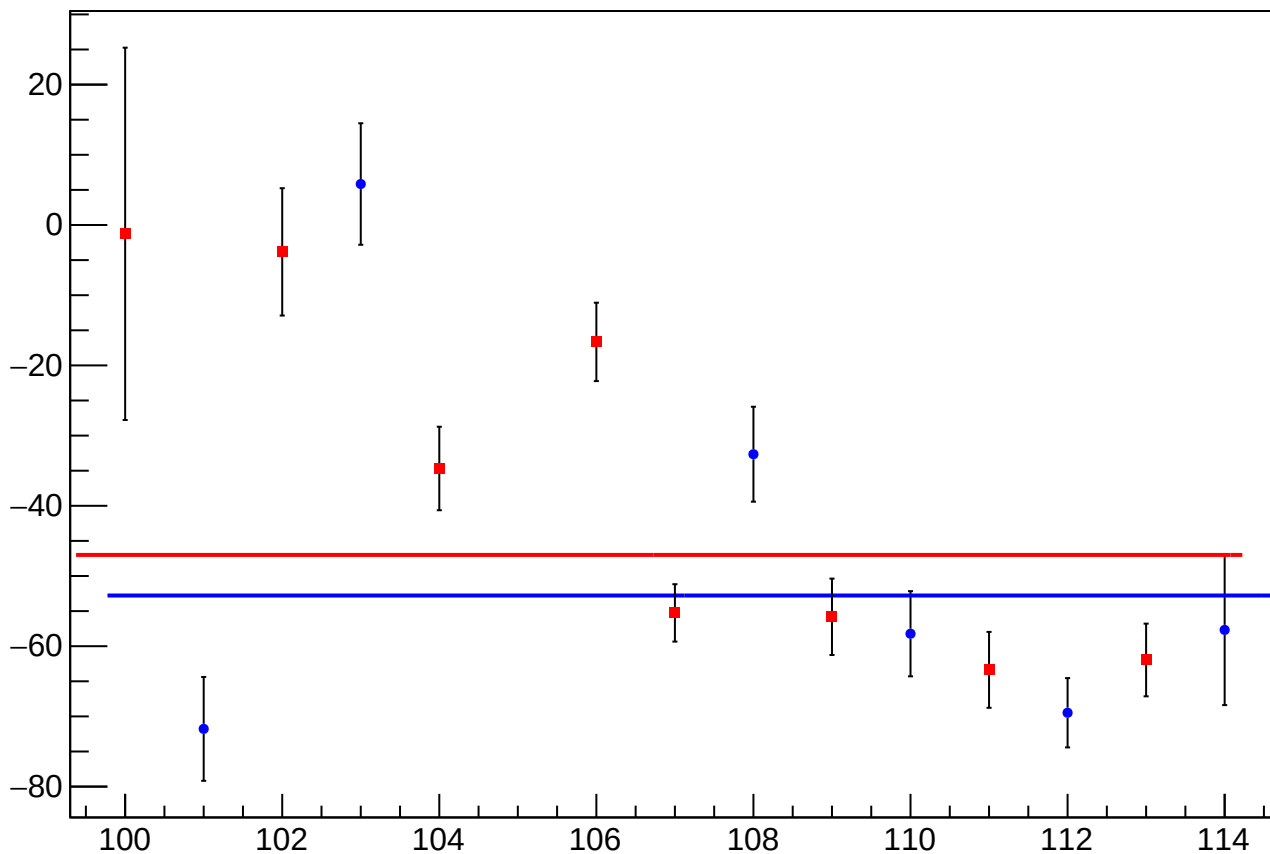
Right: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

In: -214.972 $\pm$ 2.194 χ^2 /NDF:660.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

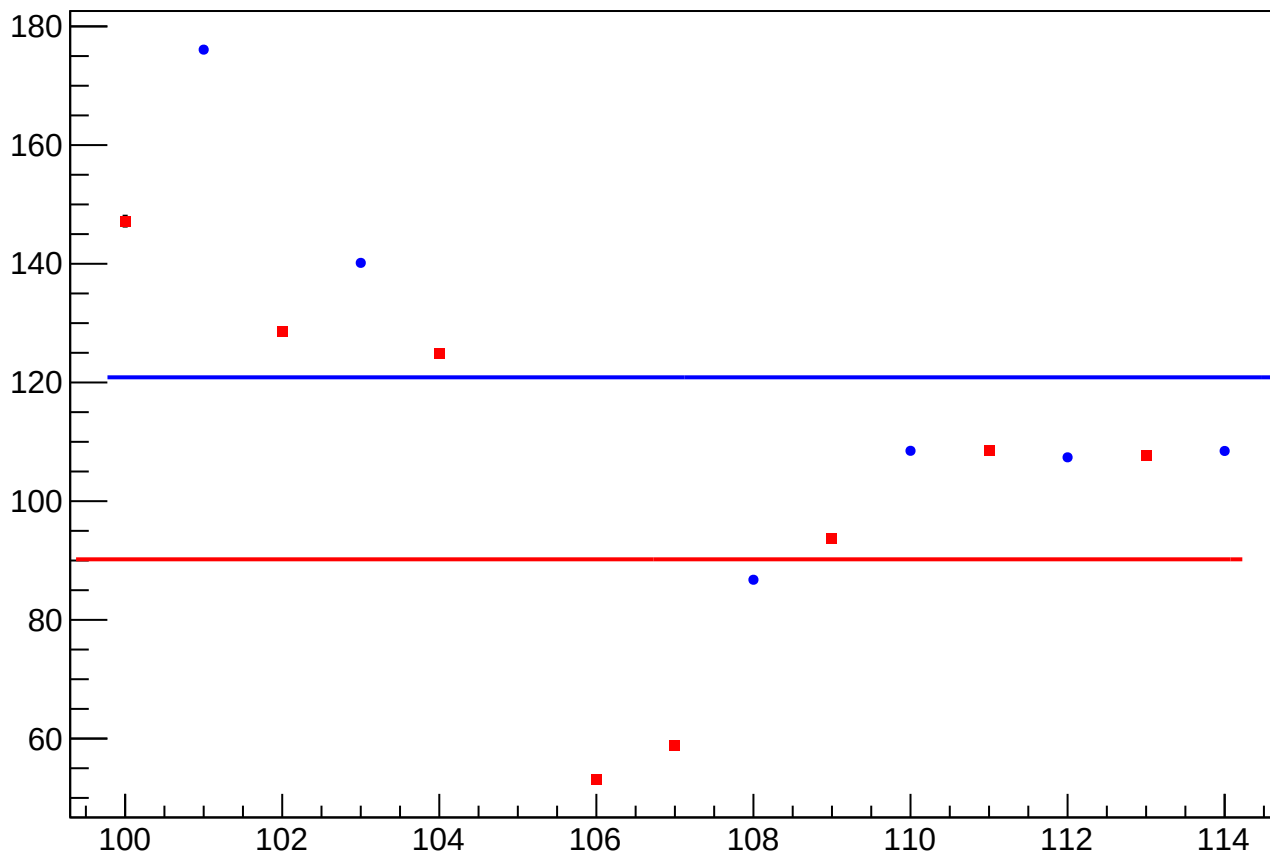
Right: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

In: -52.779 $\pm$ 2.769 χ^2 /NDF: 73.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.869+/-0.125 χ^2/NDF : 59366.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.203+/-0.092 χ^2/NDF : 118241.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

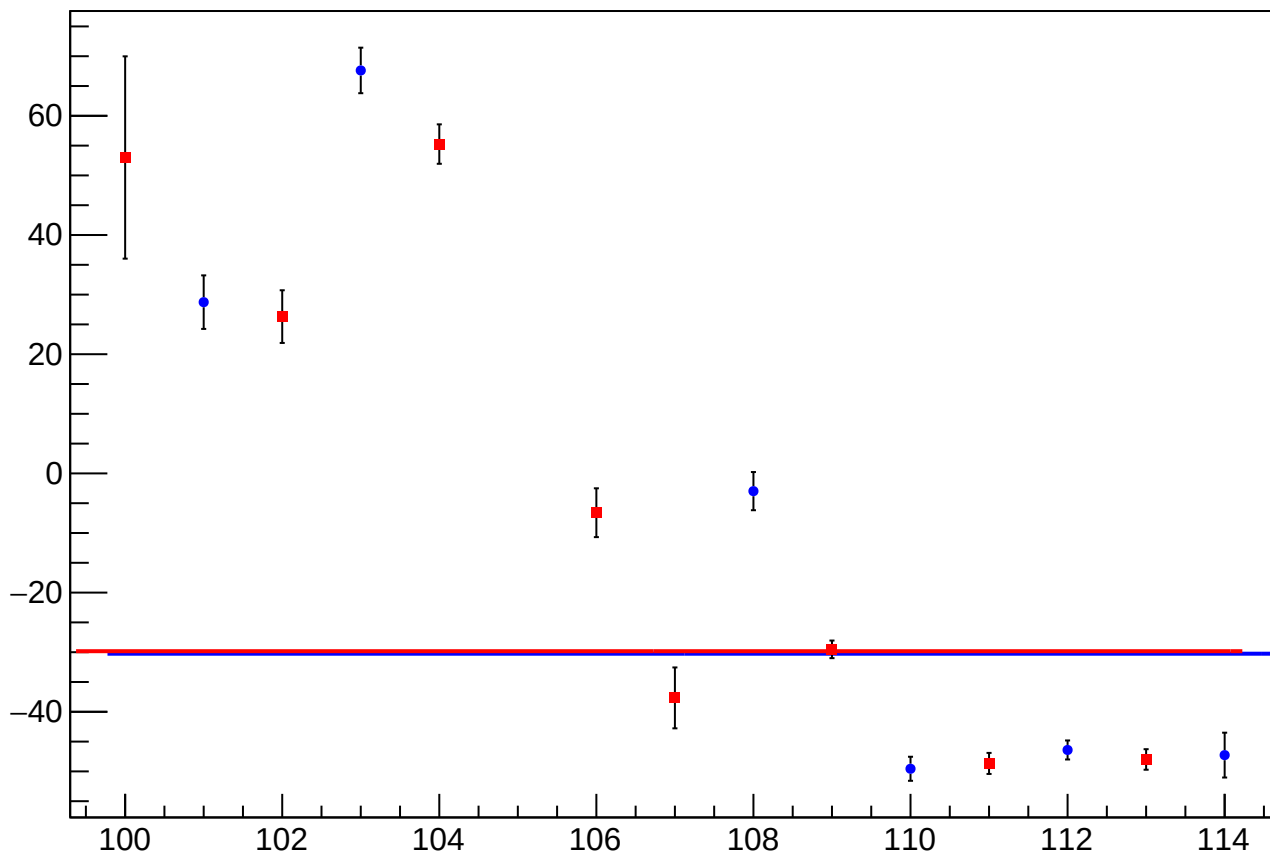
Right: 101.020+/-0.074 χ^2/NDF : 216446.5/13

In: 120.869+/-0.125 χ^2/NDF : 59366.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.020+/-0.074 χ^2/NDF : 216446.5/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

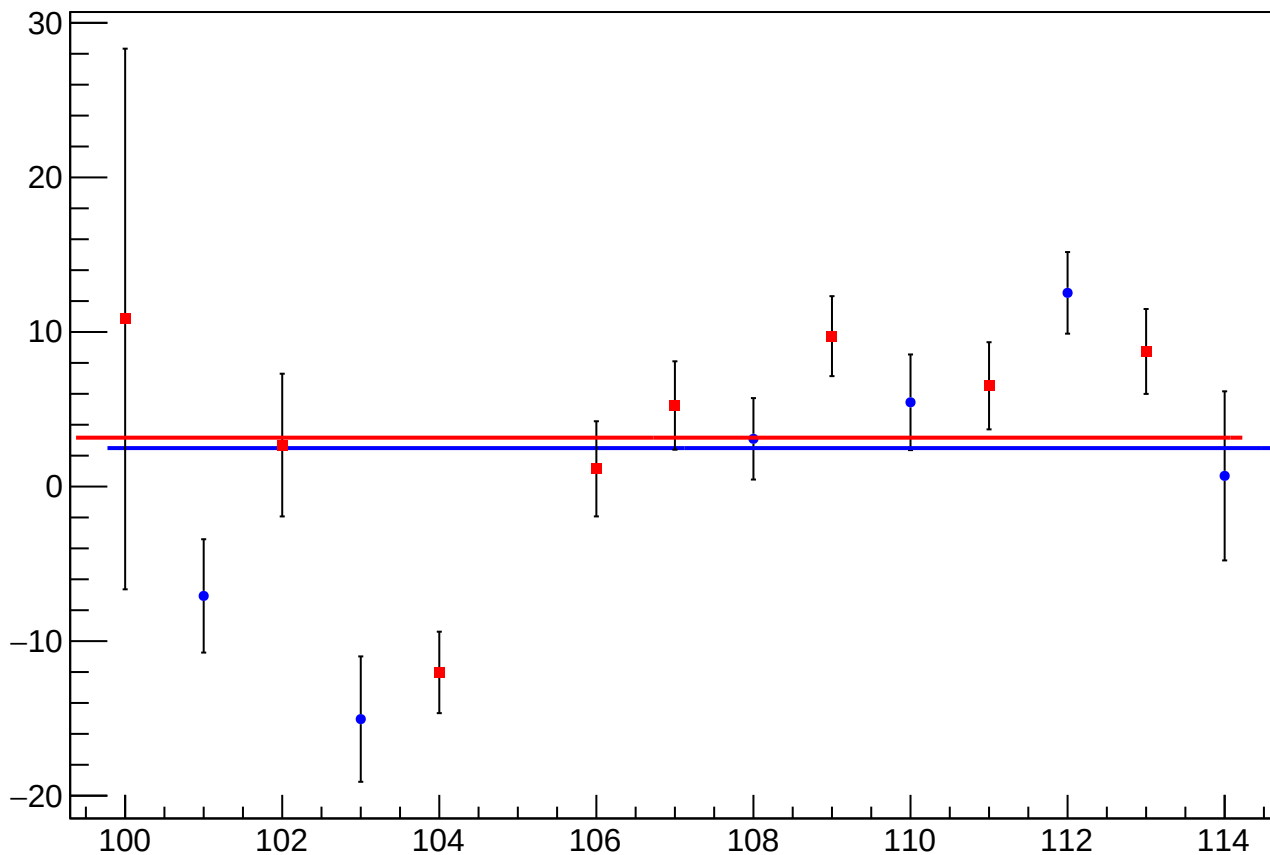
Right: -30.002+/-0.661 χ^2/NDF : 2222.1/13

In: -30.253+/-1.040 χ^2/NDF : 1115.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.002+/-0.661 χ^2/NDF : 2222.1/13

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.488+/-1.336 χ^2/NDF : 41.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.163+/-1.098 χ^2/NDF : 46.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

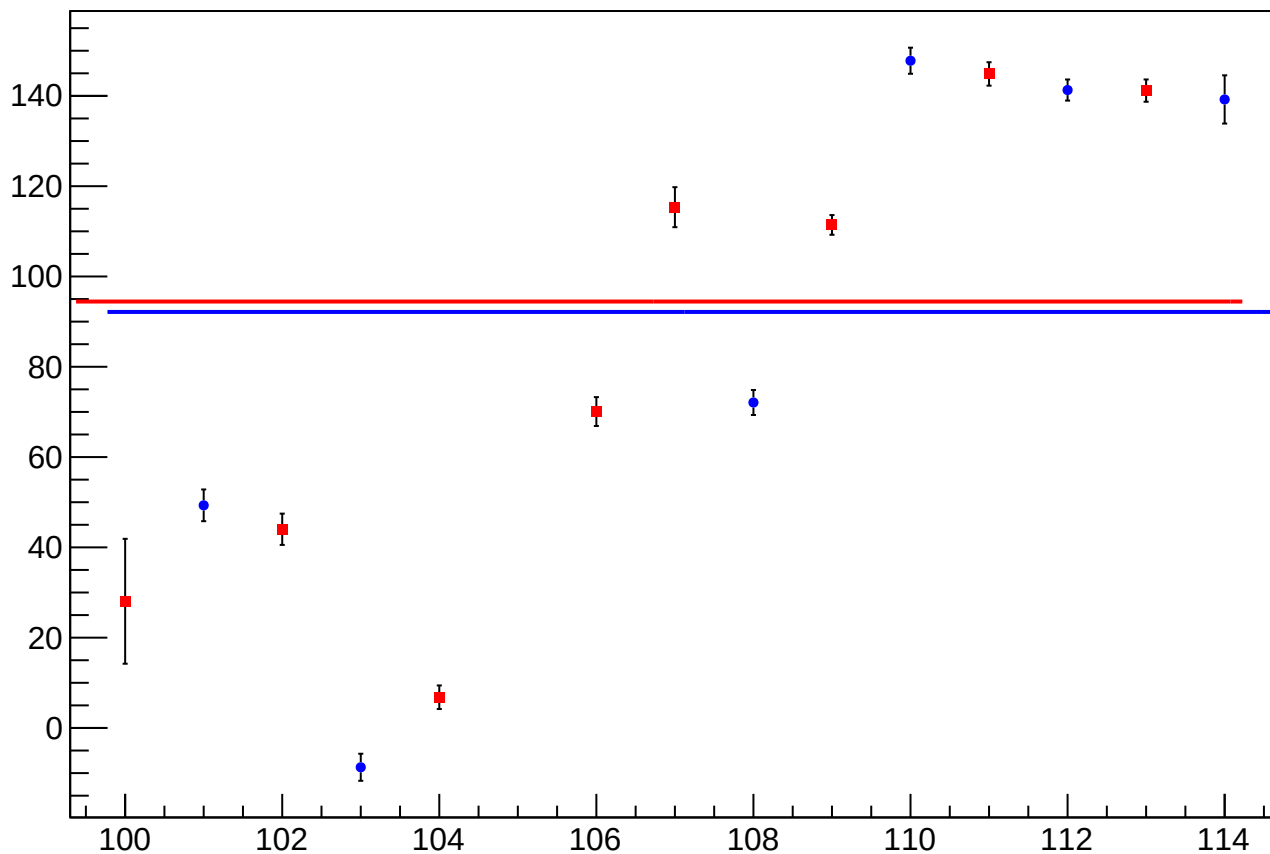
Right: 2.891+/-0.848 χ^2/NDF : 87.6/13

In: 2.488+/-1.336 χ^2/NDF : 41.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.891+/-0.848 χ^2/NDF : 87.6/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 92.147+/-1.230 χ^2/NDF : 2224.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.449+/-1.050 χ^2/NDF : 2239.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

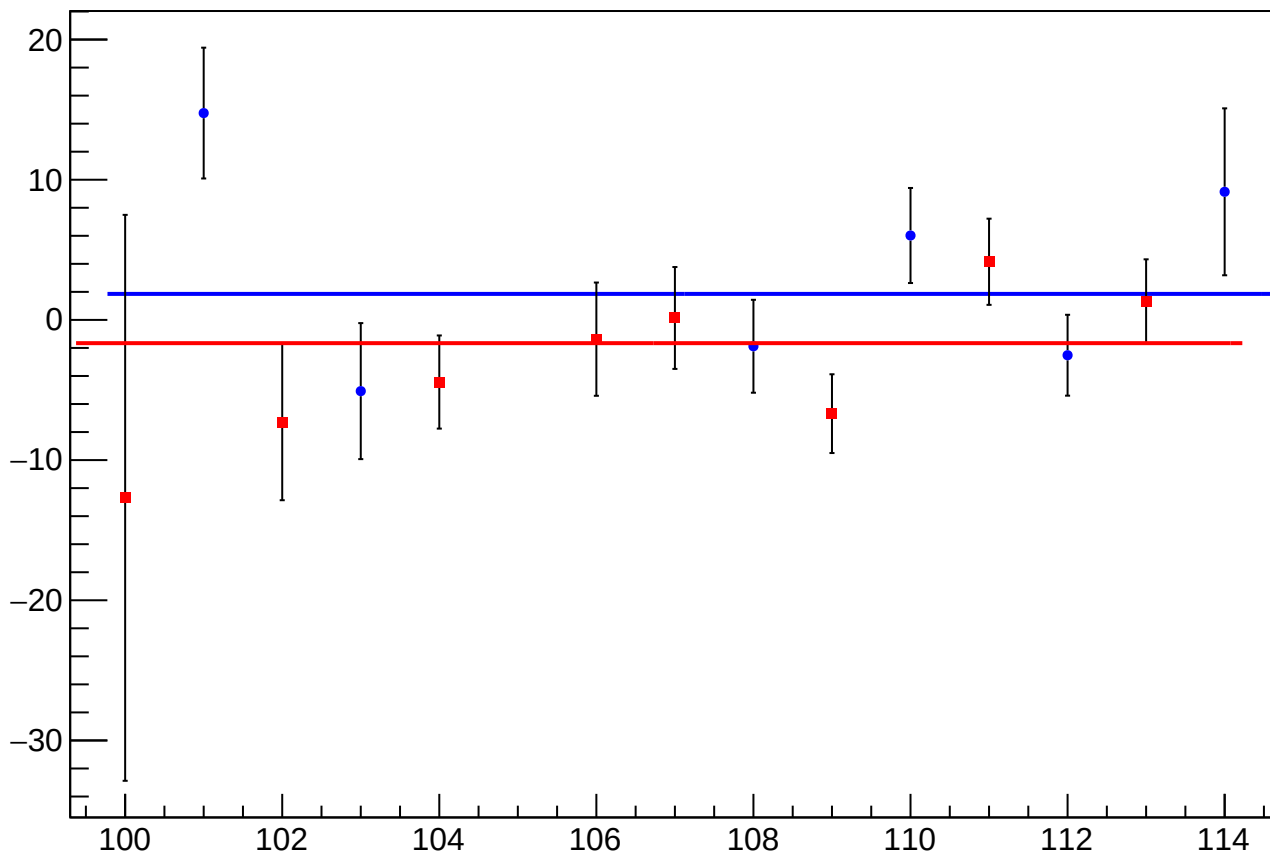
Right: 93.479+/-0.799 χ^2/NDF : 4466.2/13

In: 92.147+/-1.230 χ^2/NDF : 2224.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.479+/-0.799 χ^2/NDF : 4466.2/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

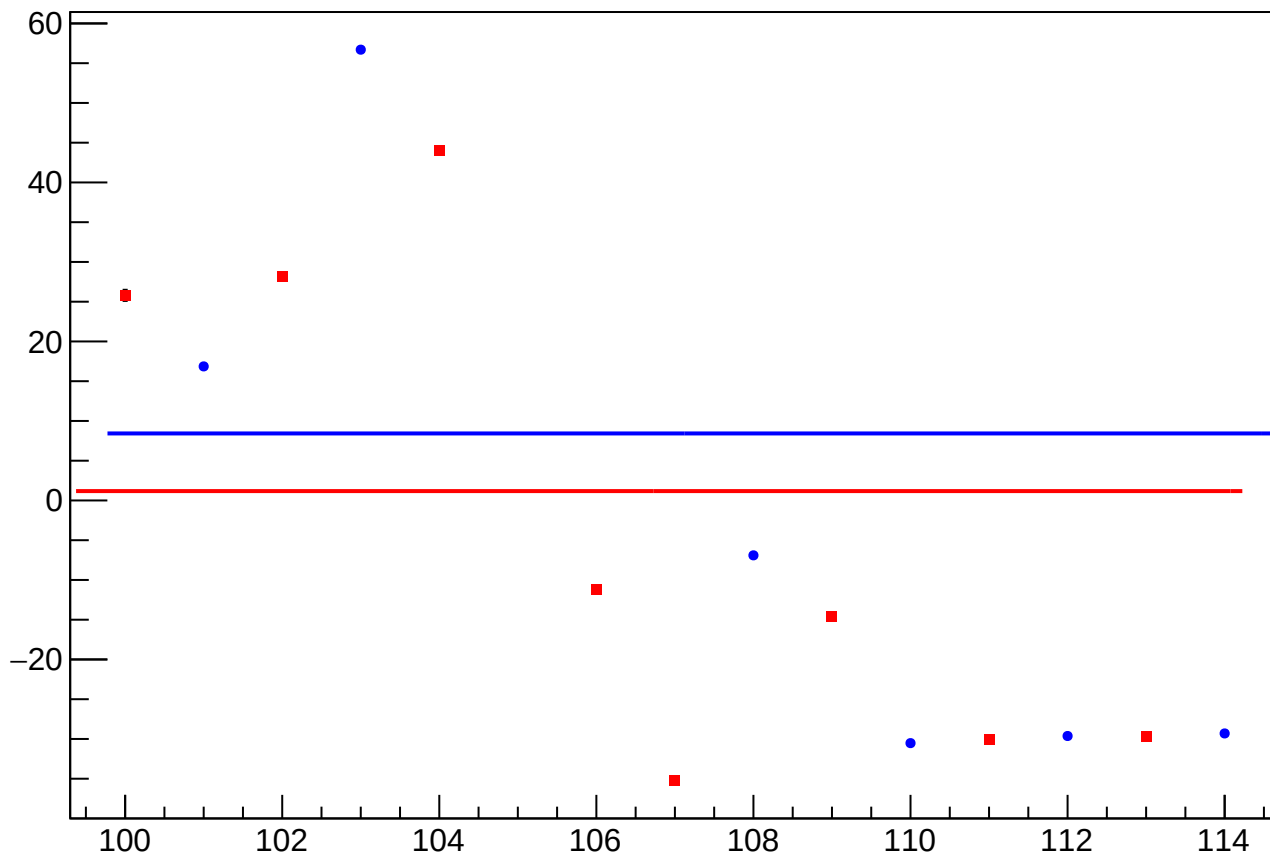
Right: -0.230+/-0.990 χ^2/NDF : 29.3/13

In: 1.855+/-1.553 χ^2/NDF : 16.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.230+/-0.990 χ^2/NDF : 29.3/13

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

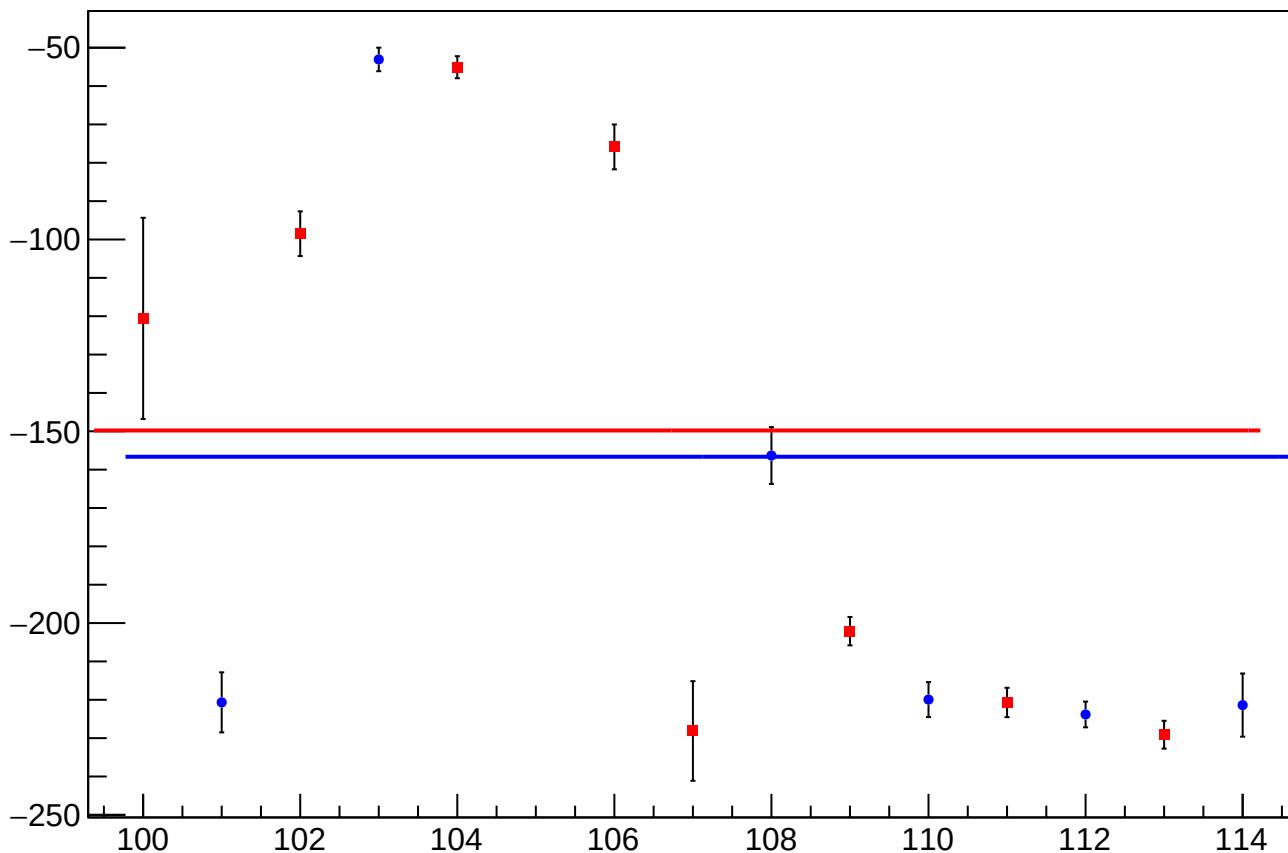
Right: 4.375+/-0.045 χ^2/NDF : 508856.1/13

In: 8.429+/-0.068 χ^2/NDF : 245449.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.375+/-0.045 χ^2/NDF : 508856.1/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -156.637+/-1.849 χ^2/NDF : 1863.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.788+/-1.572 χ^2/NDF : 2381.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

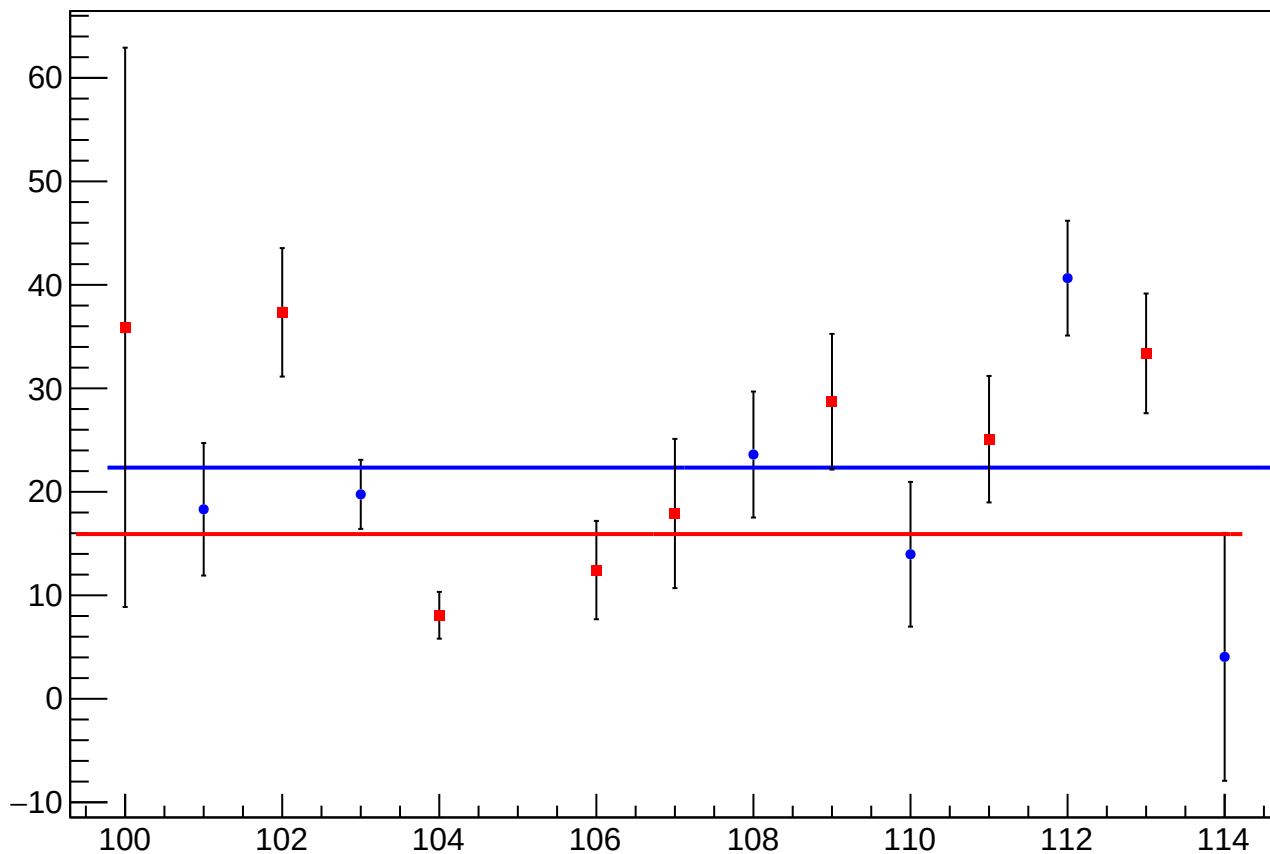
Right: -152.662+/-1.198 χ^2/NDF : 4253.0/13

In: -156.637+/-1.849 χ^2/NDF : 1863.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.662+/-1.198 χ^2/NDF : 4253.0/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

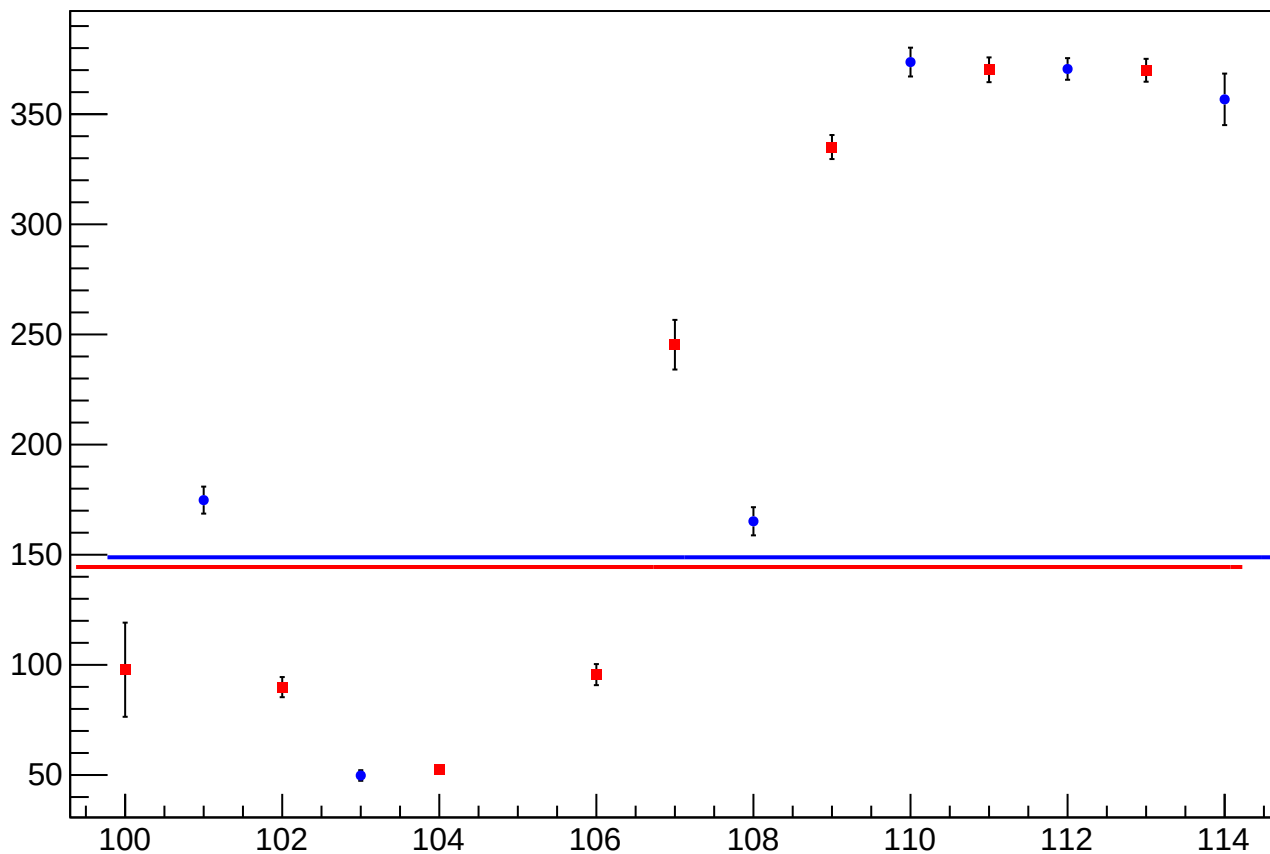
Right: 18.193 $\pm$ 1.328 χ^2 /NDF: 61.4/13

In: 22.341 $\pm$ 2.230 χ^2 /NDF: 15.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.193 $\pm$ 1.328 χ^2 /NDF: 61.4/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

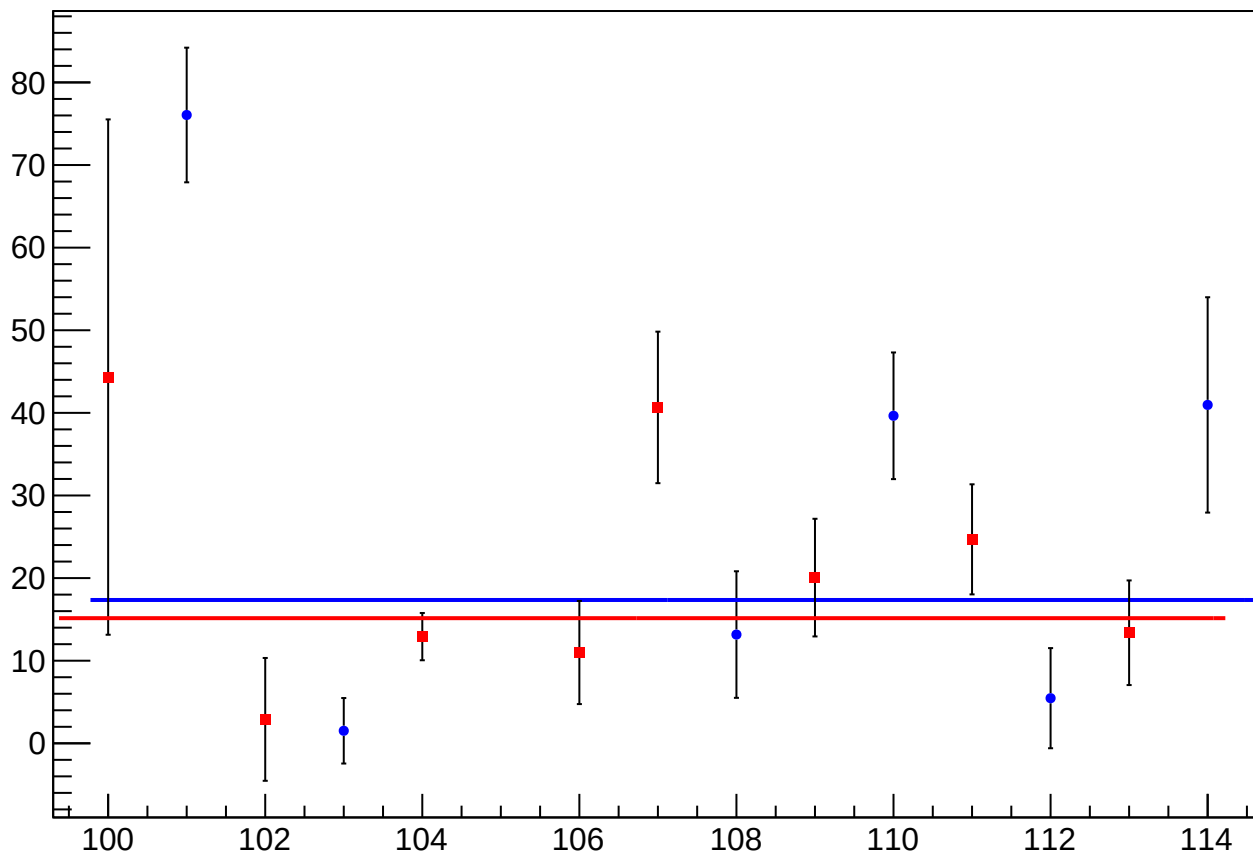
Right: 146.308 $\pm$ 1.201 χ^2 /NDF: 11942.5/13

In: 148.840 $\pm$ 1.840 χ^2 /NDF:5250.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.308 $\pm$ 1.201 χ^2 /NDF: 11942.5/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.350+/-2.618 χ^2/NDF : 83.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.149+/-2.016 χ^2/NDF : 15.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

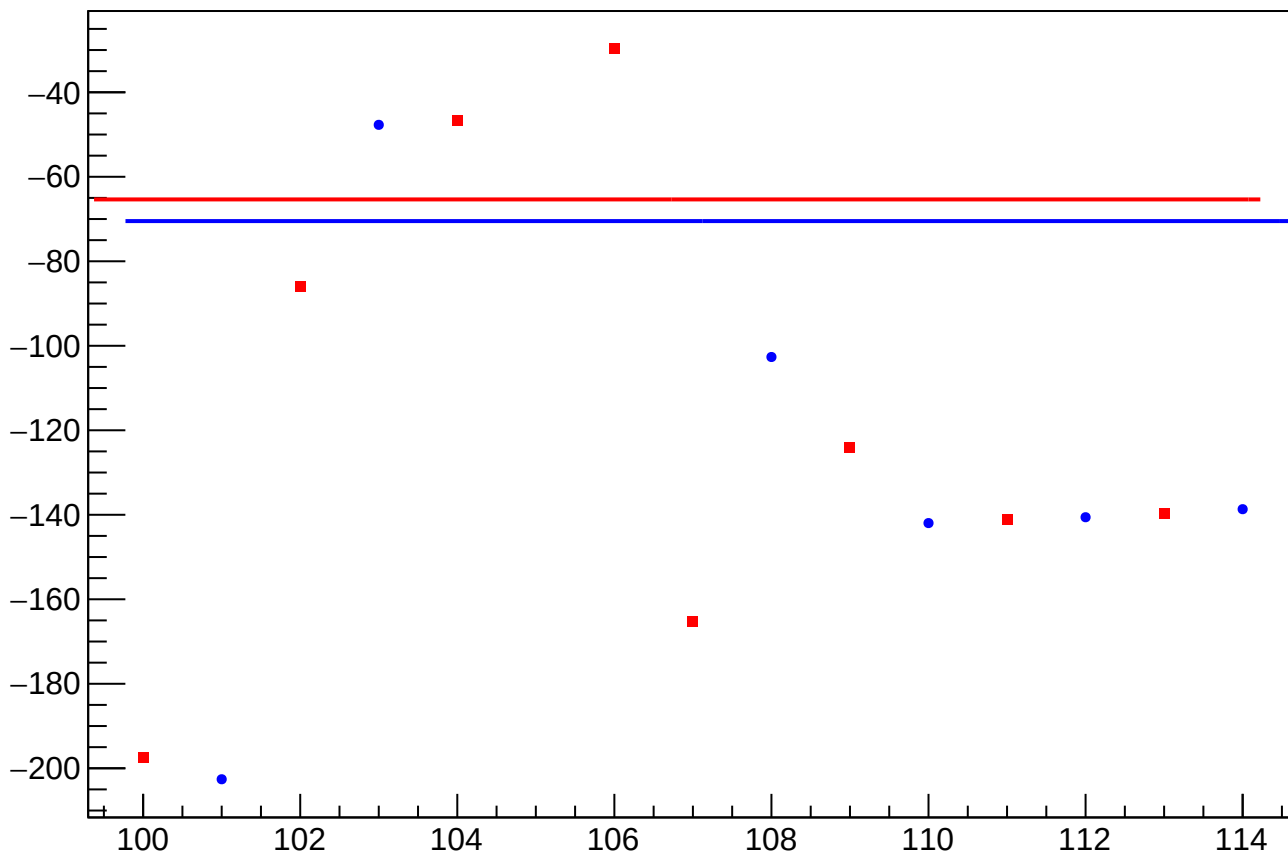
Right: 15.968+/-1.597 χ^2/NDF : 99.2/13

In: 17.350+/-2.618 χ^2/NDF : 83.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.968+/-1.597 χ^2/NDF : 99.2/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -70.487 $\pm$ 0.087 χ^2 /NDF: 254160.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.359 $\pm$ 0.079 χ^2 /NDF: 222654.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

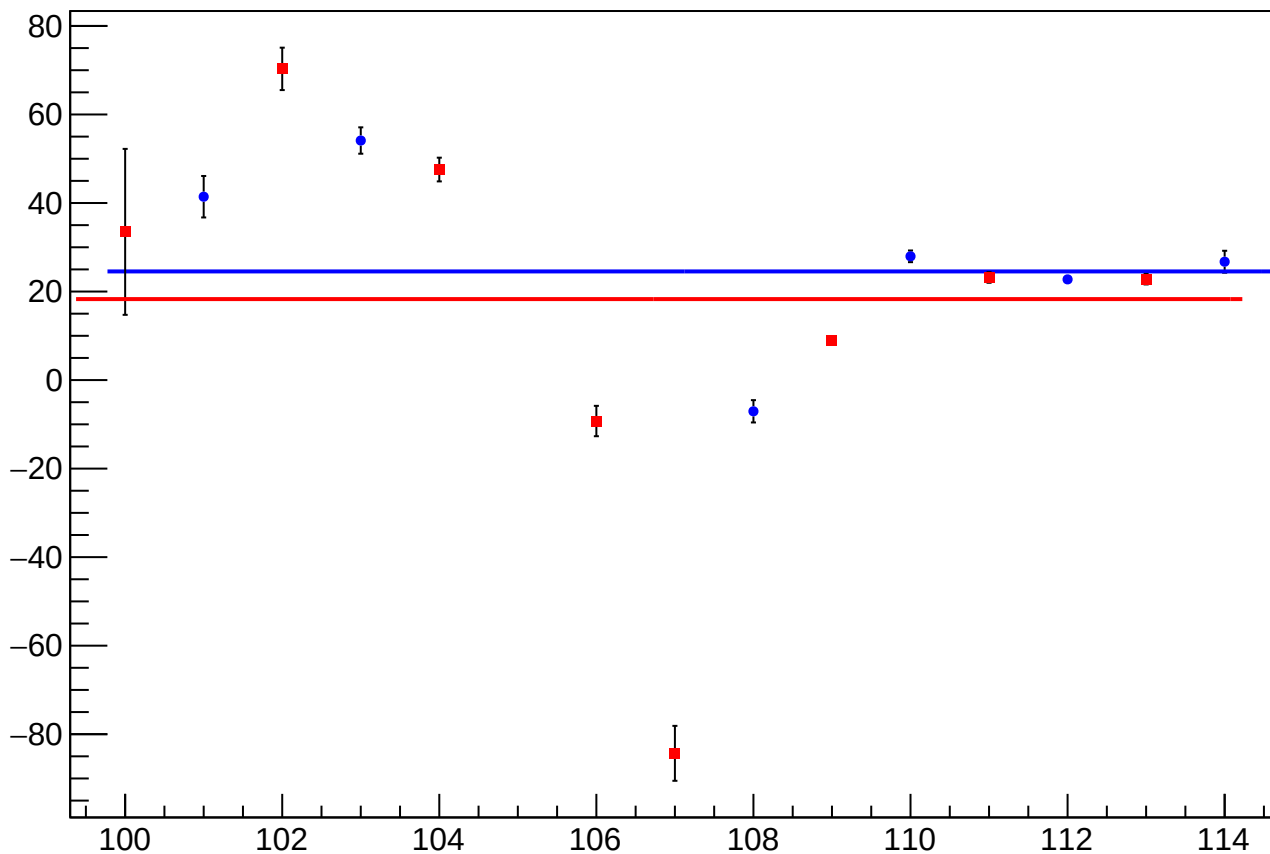
Right: -67.690 $\pm$ 0.059 χ^2 /NDF: 478719.0/13

In: -70.487 $\pm$ 0.087 χ^2 /NDF:254160.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.690 $\pm$ 0.059 χ^2 /NDF: 478719.0/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

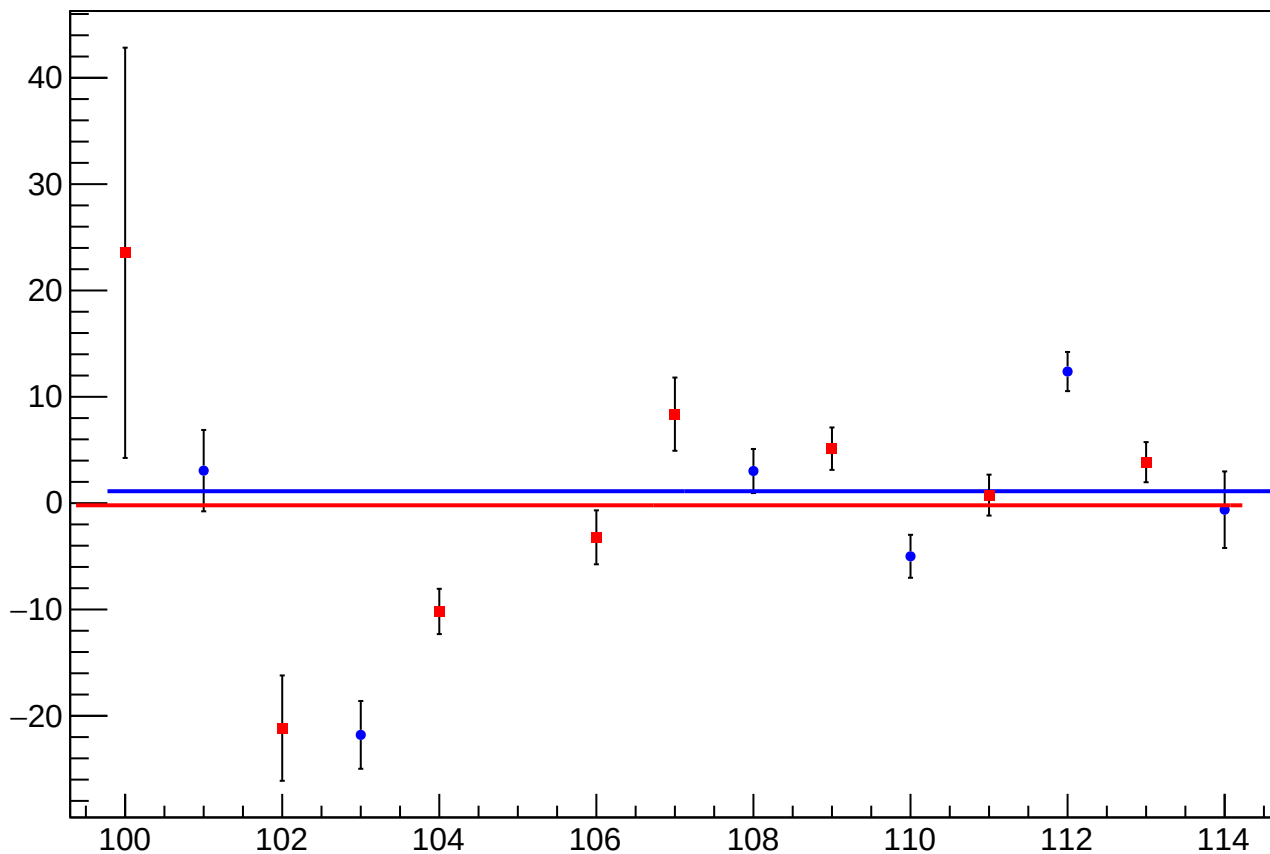
Right: 20.929 $\pm$ 0.476 χ^2 /NDF: 1001.6/13

In: 24.545 $\pm$ 0.733 χ^2 /NDF:278.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.929 $\pm$ 0.476 χ^2 /NDF: 1001.6/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

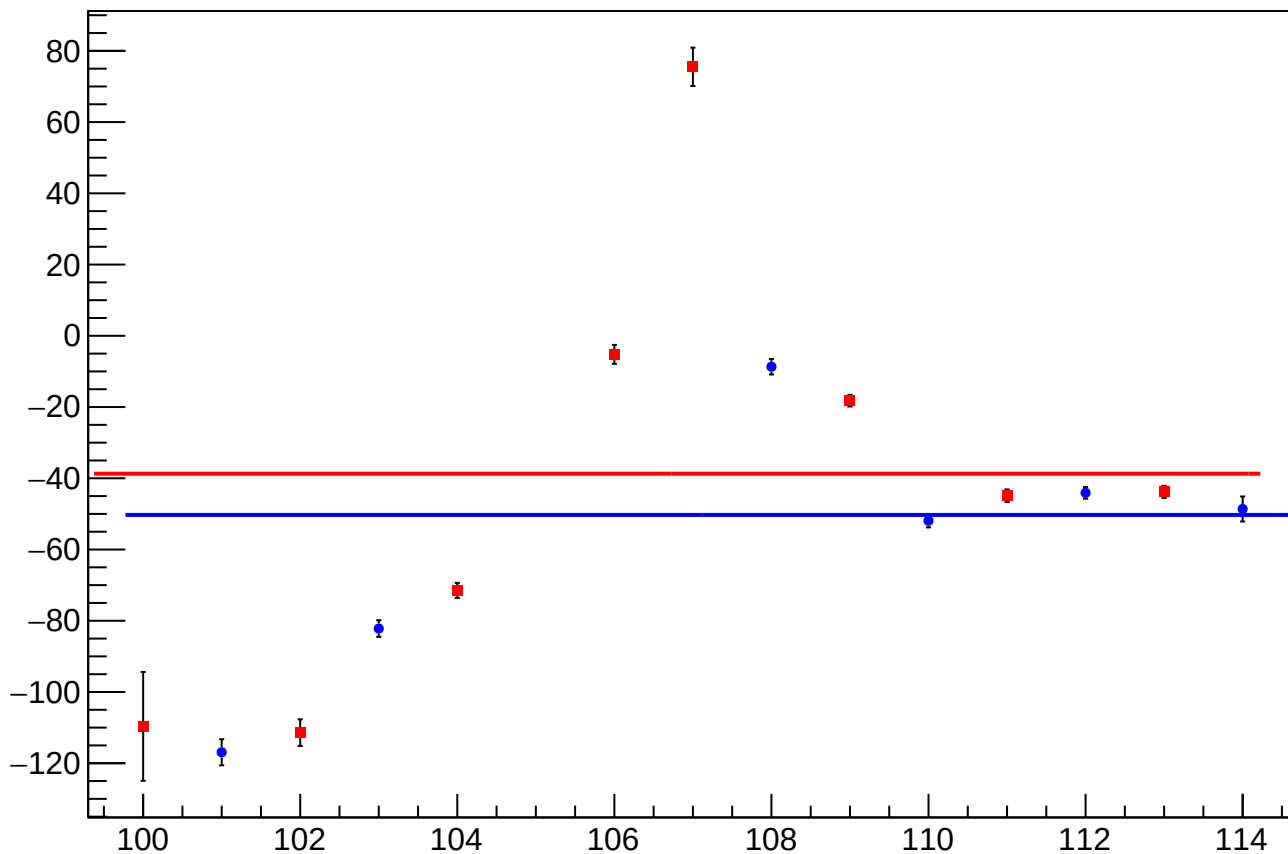
Right: 0.378+/-0.656 χ^2/NDF : 161.5/13

In: 1.123+/-0.992 χ^2/NDF : 99.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.656 χ^2/NDF : 161.5/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

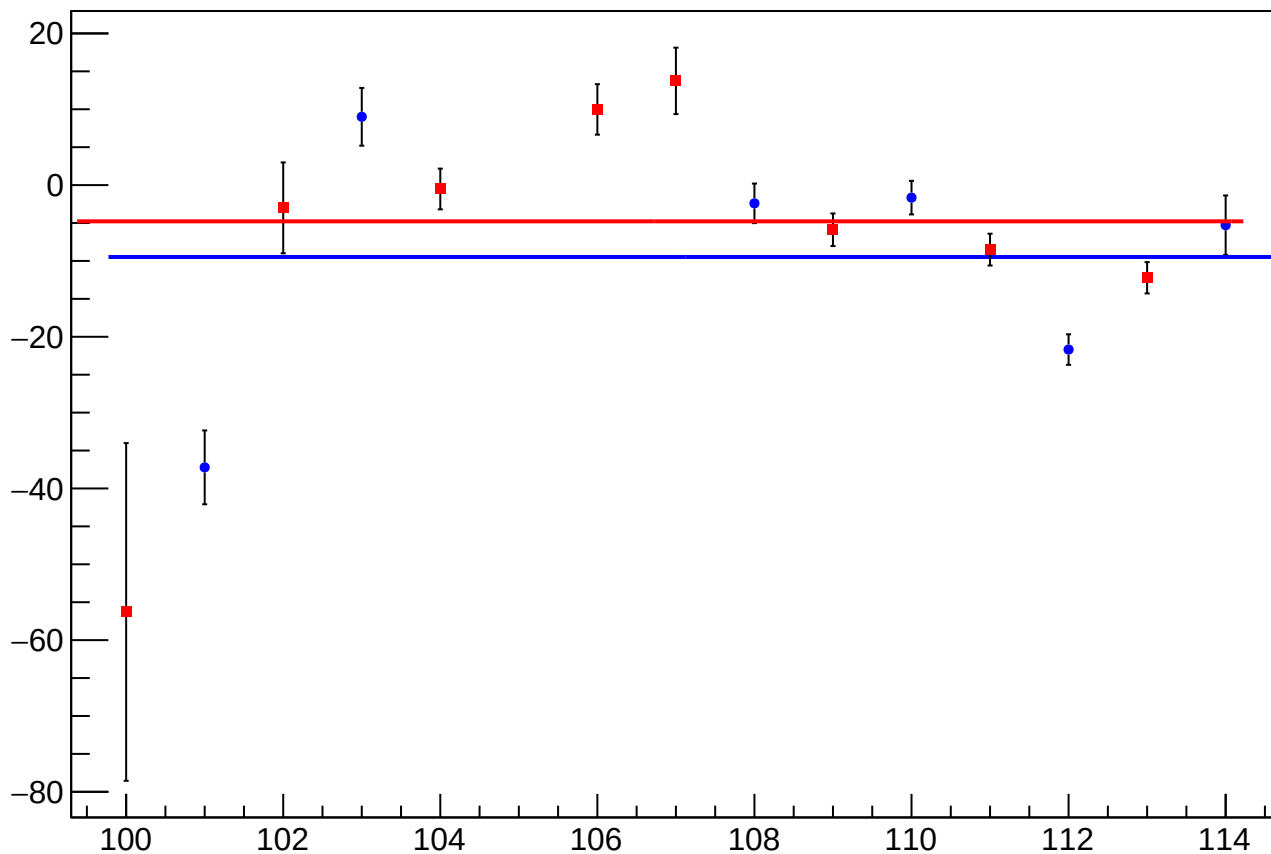
Right: -43.823+/-0.605 χ^2/NDF : 2415.3/13

In: -50.290+/-0.910 χ^2/NDF : 897.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.823+/-0.605 χ^2/NDF : 2415.3/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

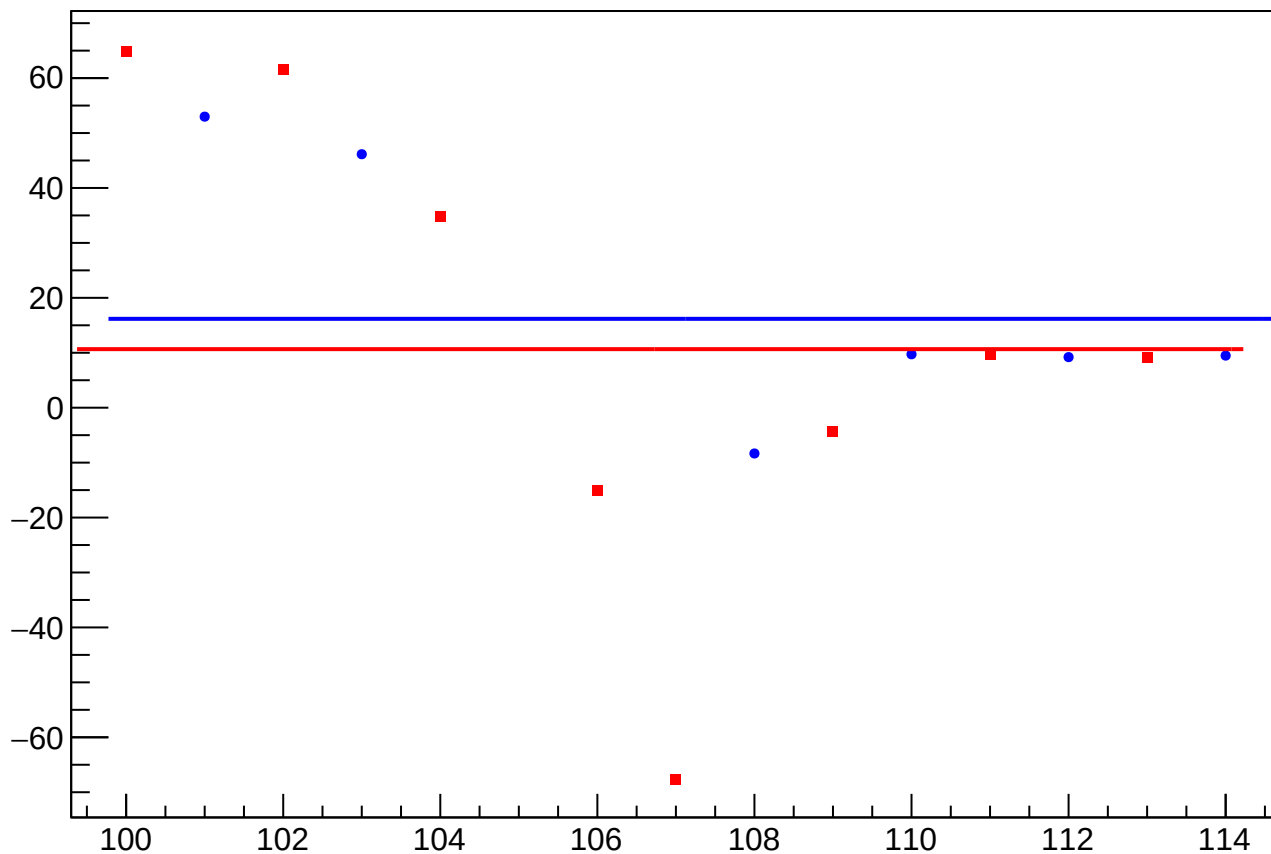
Right: -6.841+/-0.753 χ^2 /NDF: 185.4/13

In: -9.477+/-1.136 χ^2 /NDF:113.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.841+/-0.753 χ^2 /NDF: 185.4/13

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.178+/-0.052 χ^2/NDF : 203942.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.659+/-0.050 χ^2/NDF : 342033.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

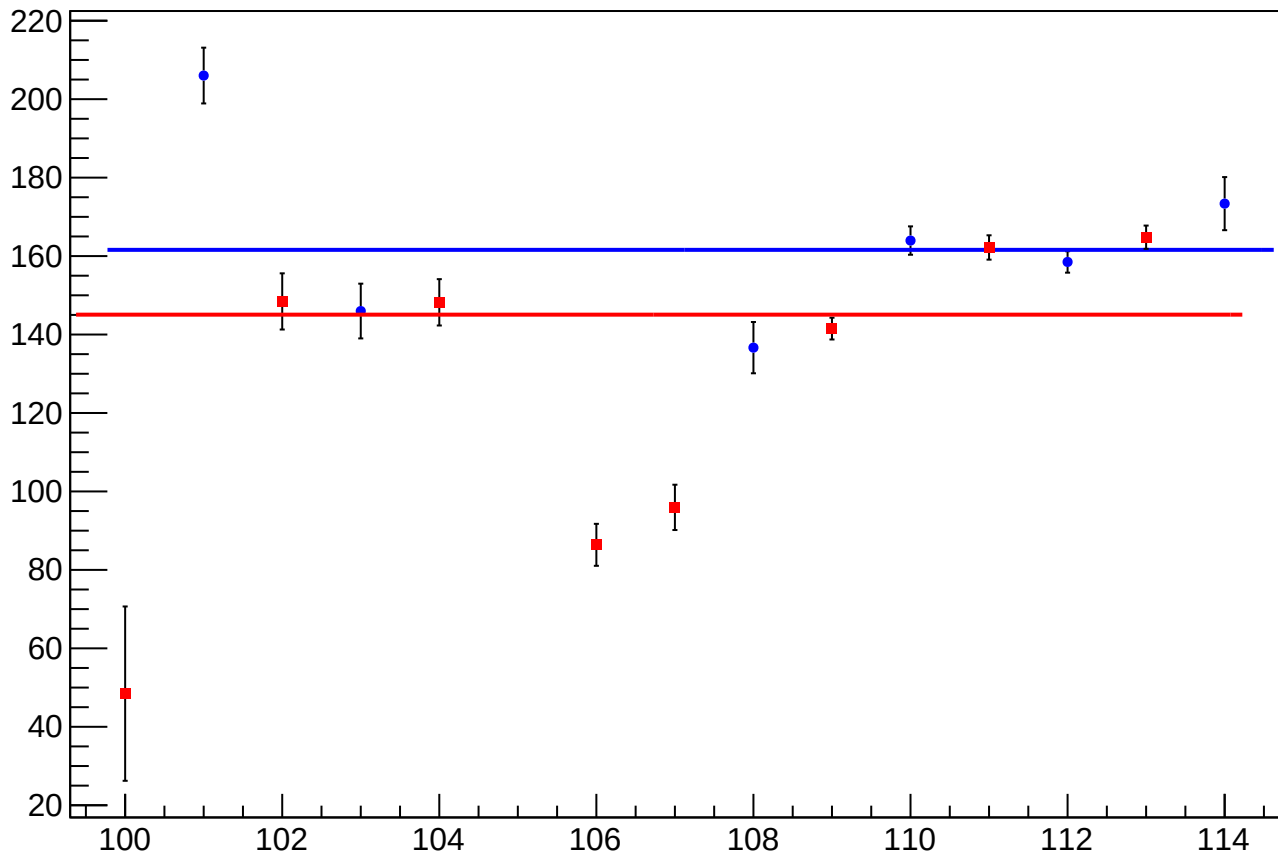
Right: 13.302+/-0.036 χ^2/NDF : 551826.4/13

In: 16.178+/-0.052 χ^2/NDF : 203942.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.302+/-0.036 χ^2/NDF : 551826.4/13

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 161.589+/-1.838 χ^2/NDF : 63.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.068+/-1.470 χ^2/NDF : 288.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

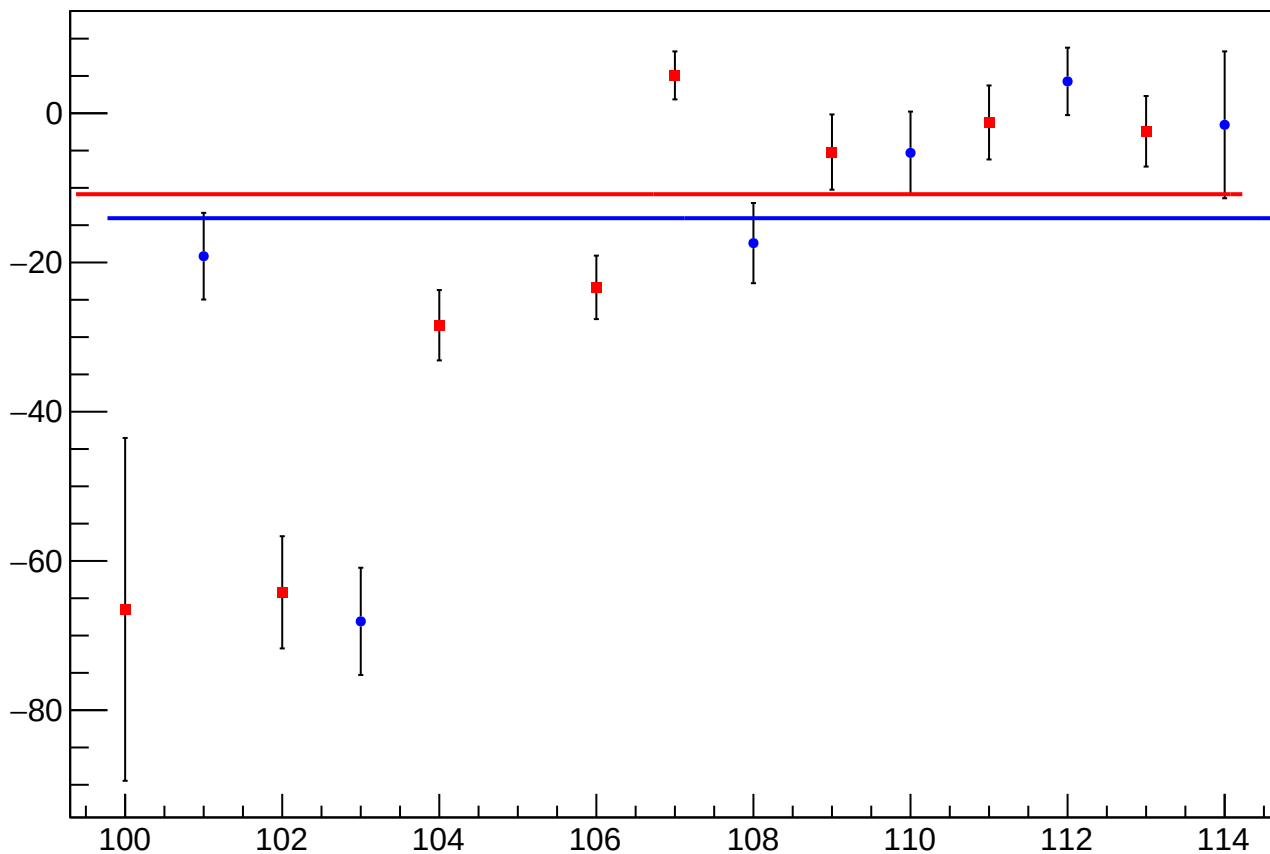
Right: 151.514+/-1.148 χ^2/NDF : 401.1/13

In: 161.589+/-1.838 χ^2/NDF : 63.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.514+/-1.148 χ^2/NDF : 401.1/13

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

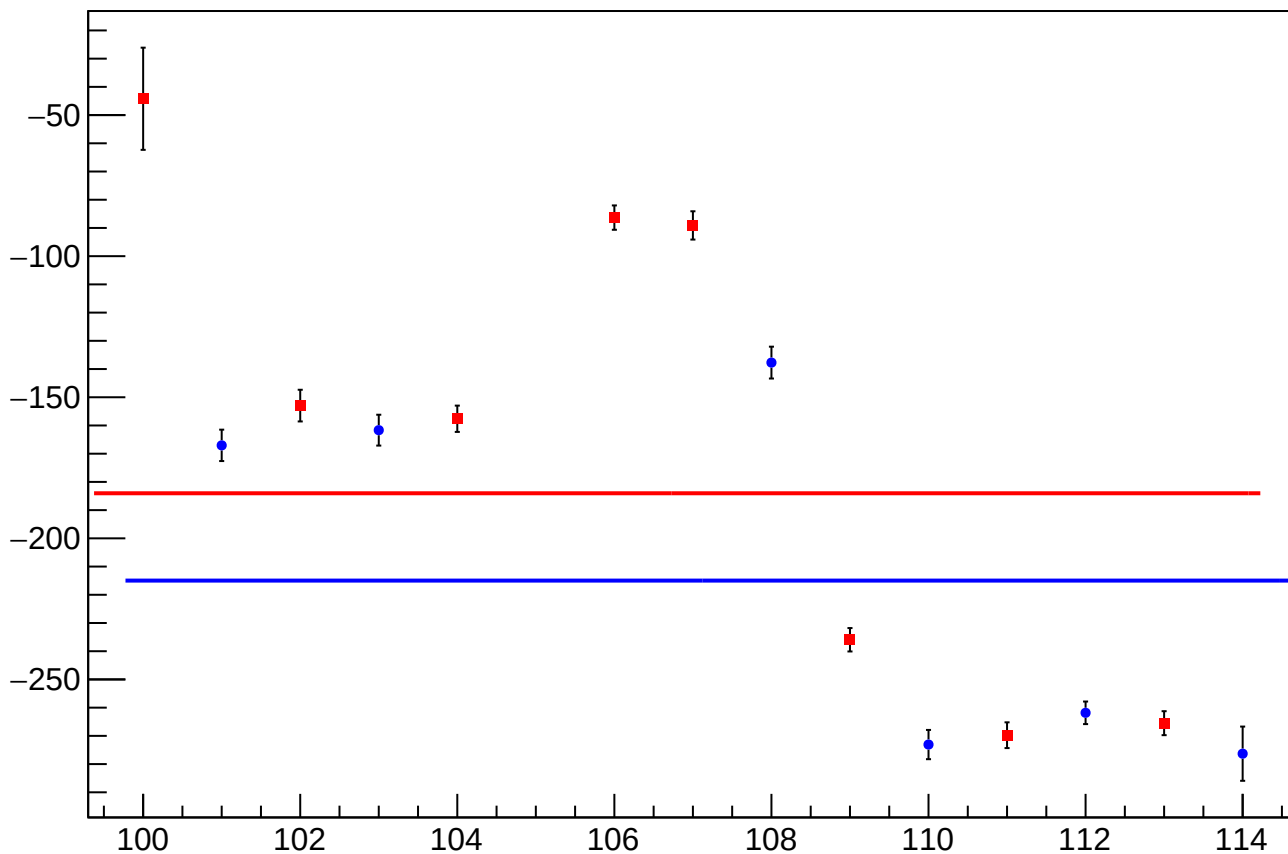
Right: -11.941+/-1.391 χ^2/NDF : 190.9/13

In: -14.064+/-2.386 χ^2/NDF : 78.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.941+/-1.391 χ^2/NDF : 190.9/13

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

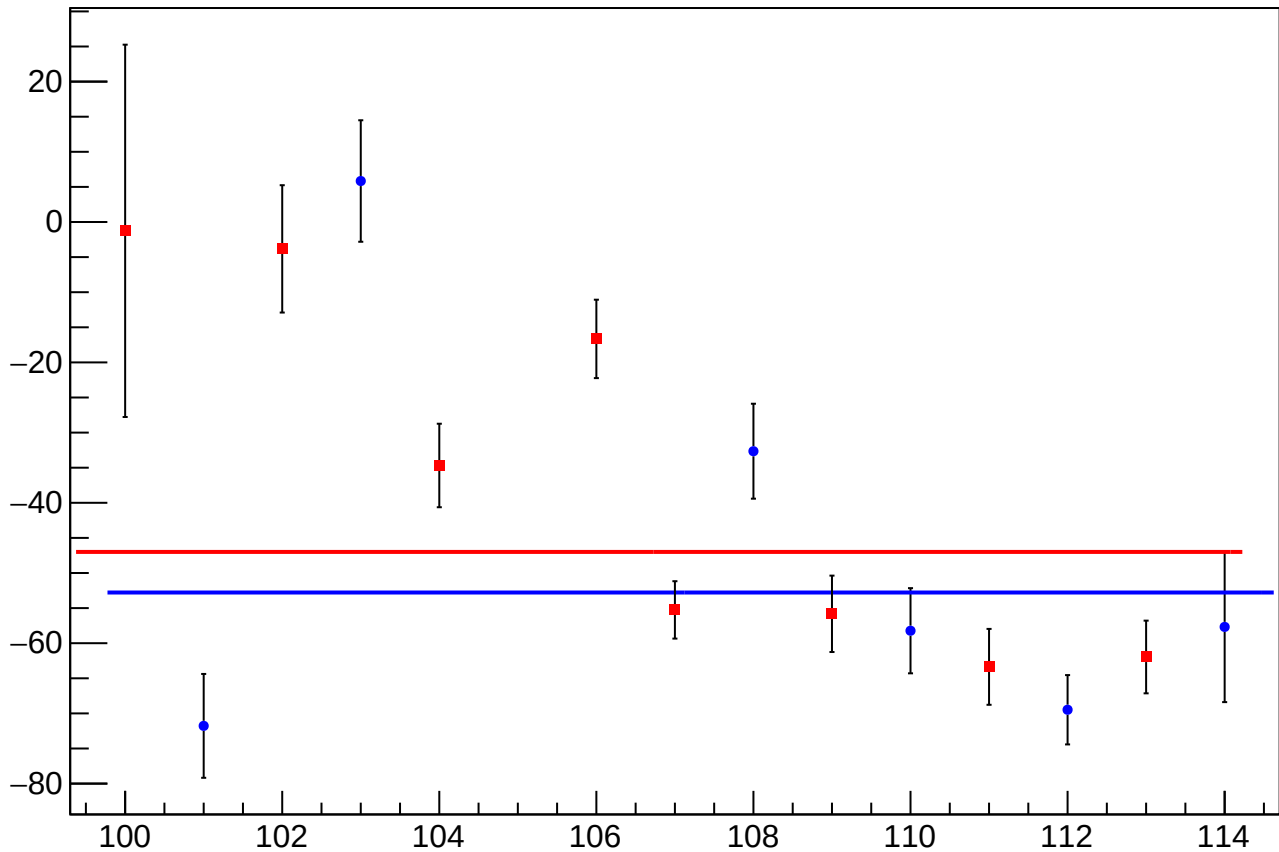
Right: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

In: -214.972 $\pm$ 2.194 χ^2 /NDF:660.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

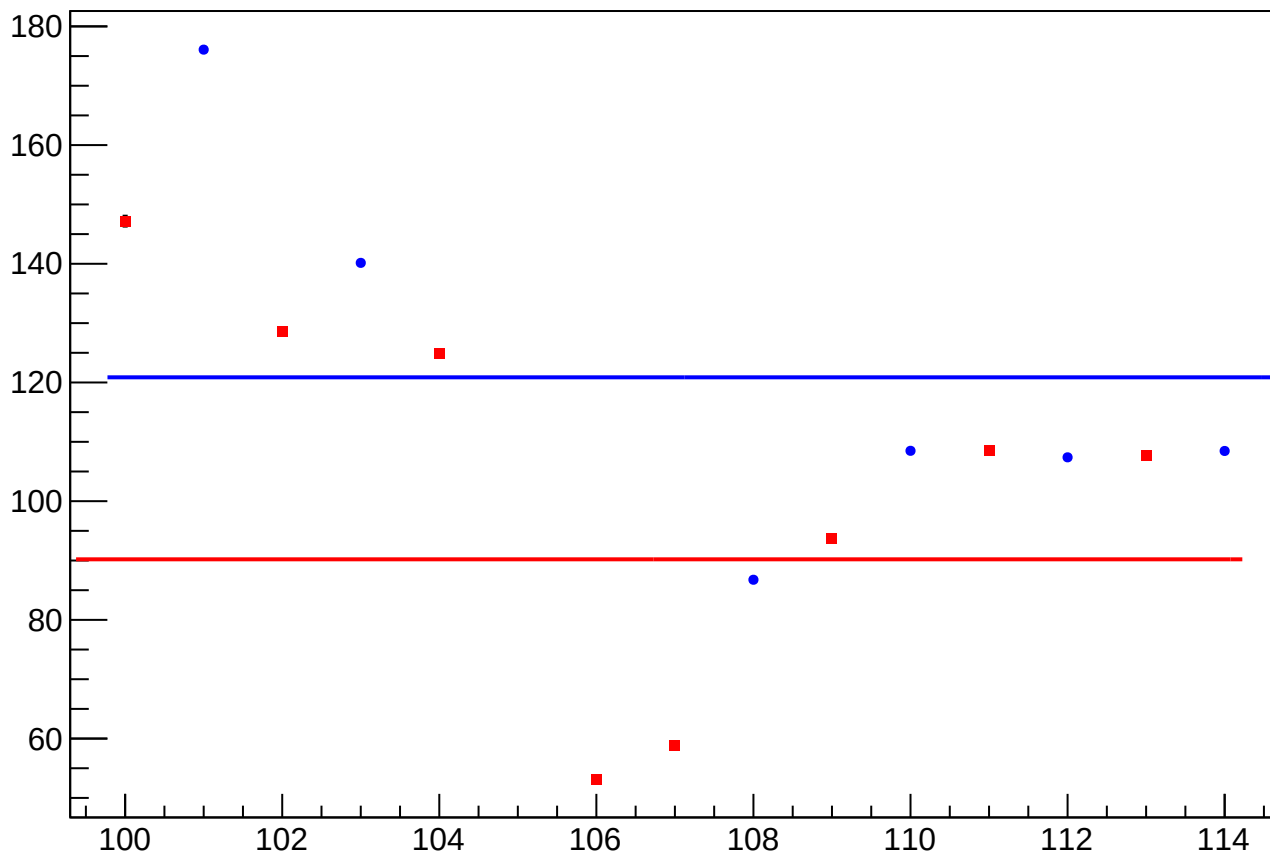
Right: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

In: -52.779 $\pm$ 2.769 χ^2 /NDF: 73.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.869+/-0.125 χ^2/NDF : 59366.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.203+/-0.092 χ^2/NDF : 118241.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

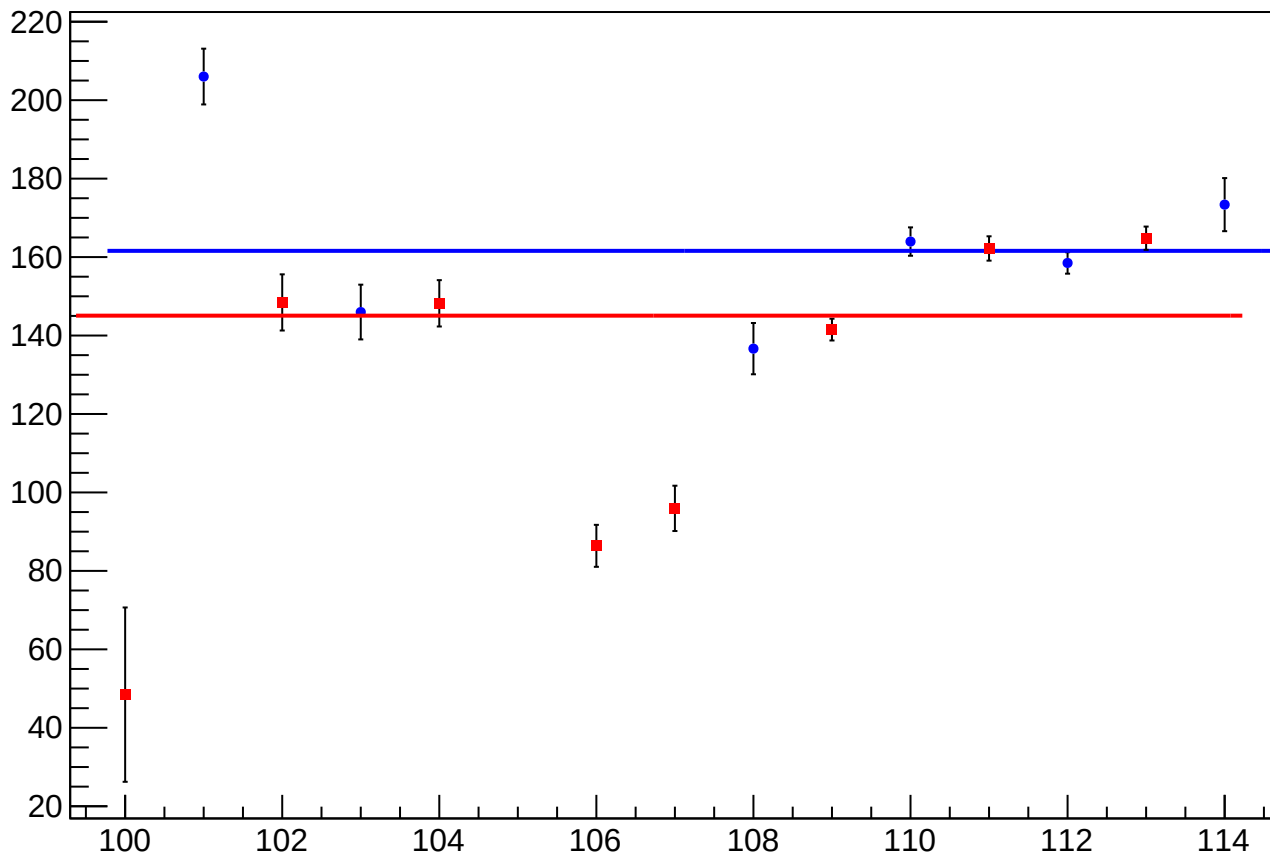
Right: 101.020+/-0.074 χ^2/NDF : 216446.5/13

In: 120.869+/-0.125 χ^2/NDF : 59366.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.020+/-0.074 χ^2/NDF : 216446.5/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 161.589+/-1.838 χ^2/NDF : 63.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.068+/-1.470 χ^2/NDF : 288.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

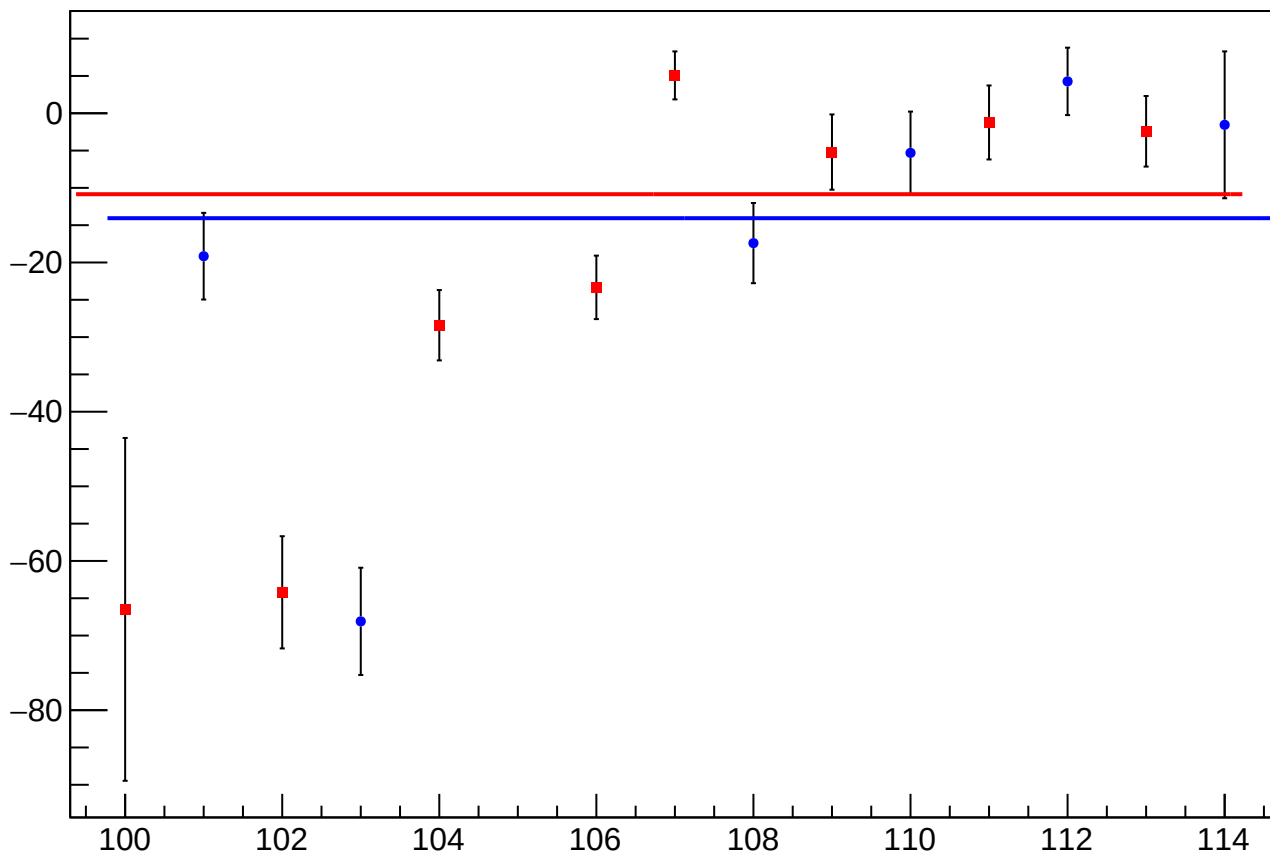
Right: 151.514+/-1.148 χ^2/NDF : 401.1/13

In: 161.589+/-1.838 χ^2/NDF : 63.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.514+/-1.148 χ^2/NDF : 401.1/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

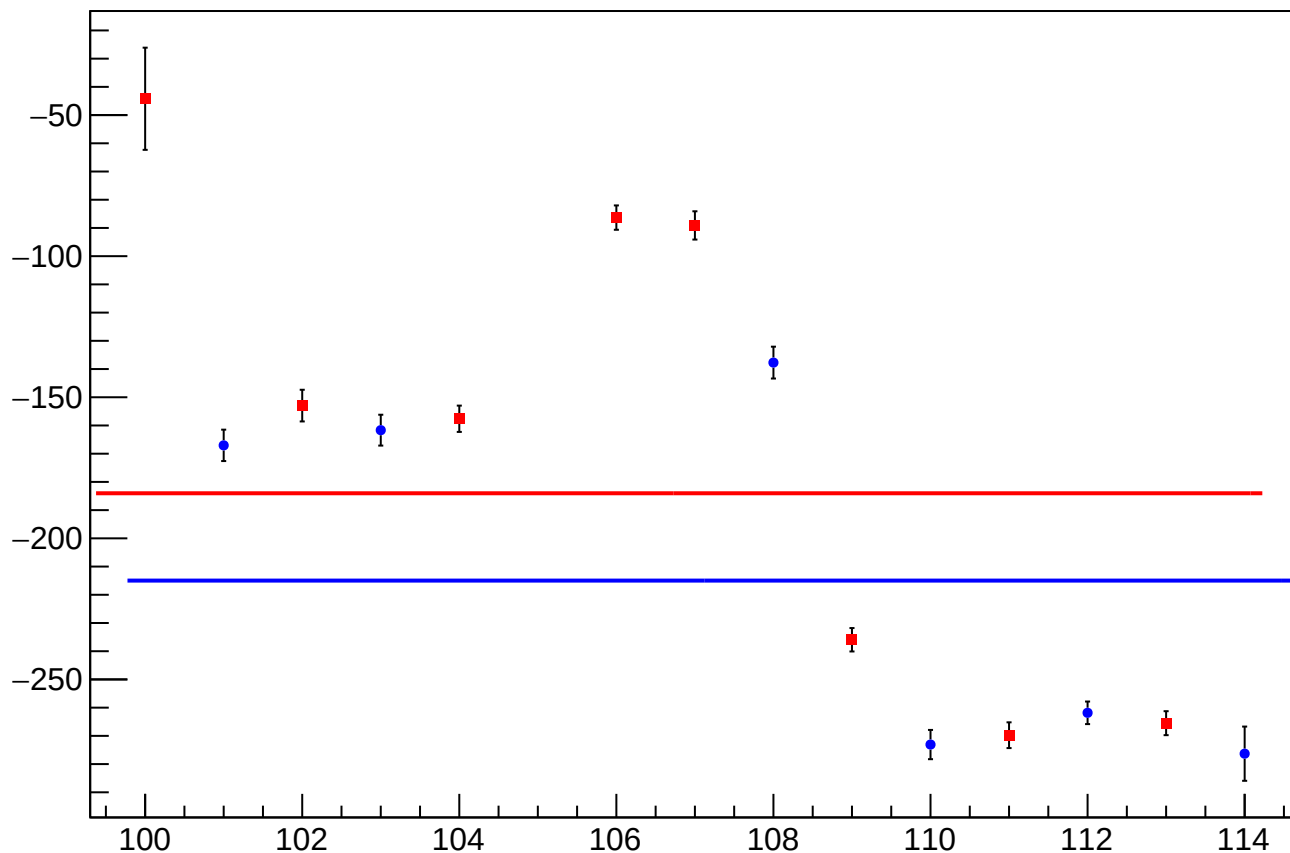
Right: -11.941 ± 1.391 χ^2/NDF : 190.9/13

In: -14.064 ± 2.386 χ^2/NDF : 78.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.941 ± 1.391 χ^2/NDF : 190.9/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

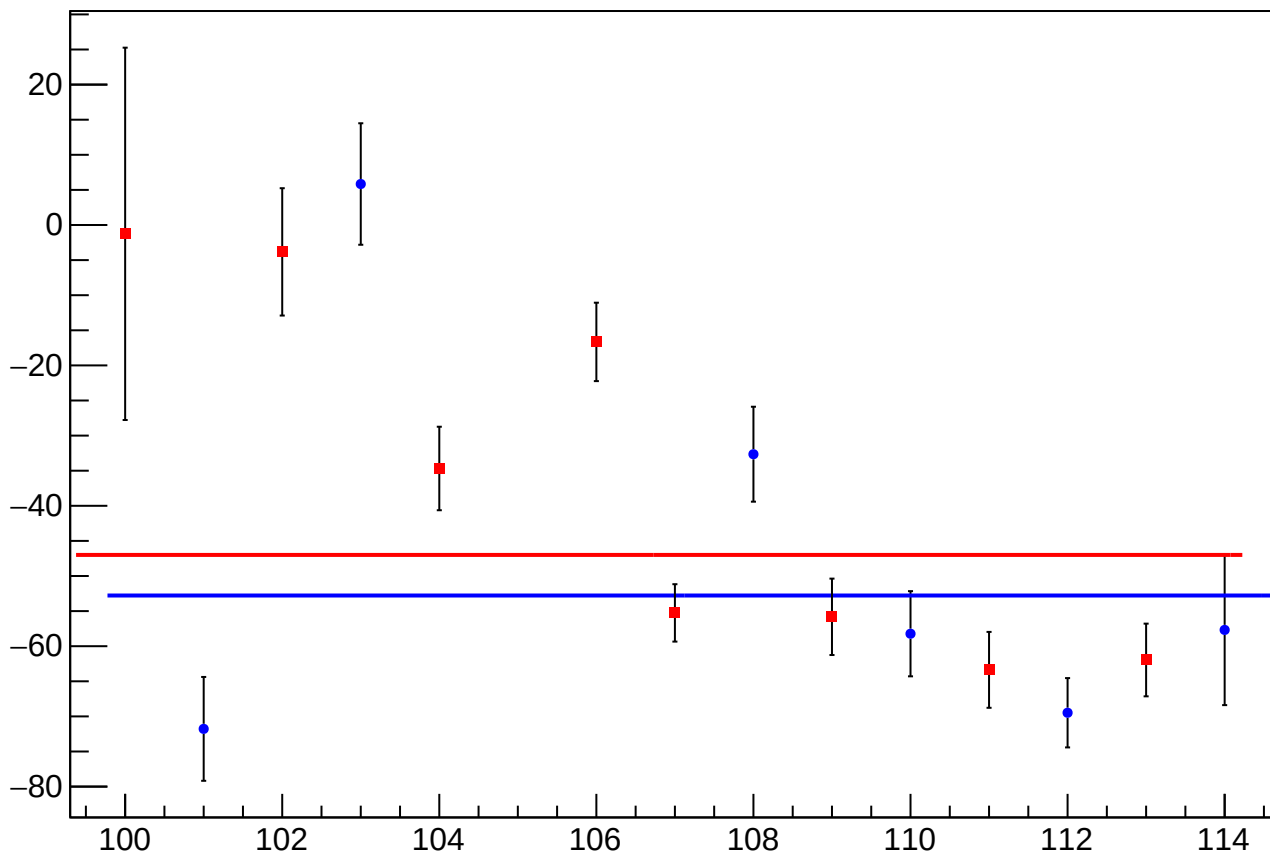
Right: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

In: -214.972 $\pm$ 2.194 χ^2 /NDF:660.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -195.848 $\pm$ 1.356 χ^2 /NDF: 2655.0/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

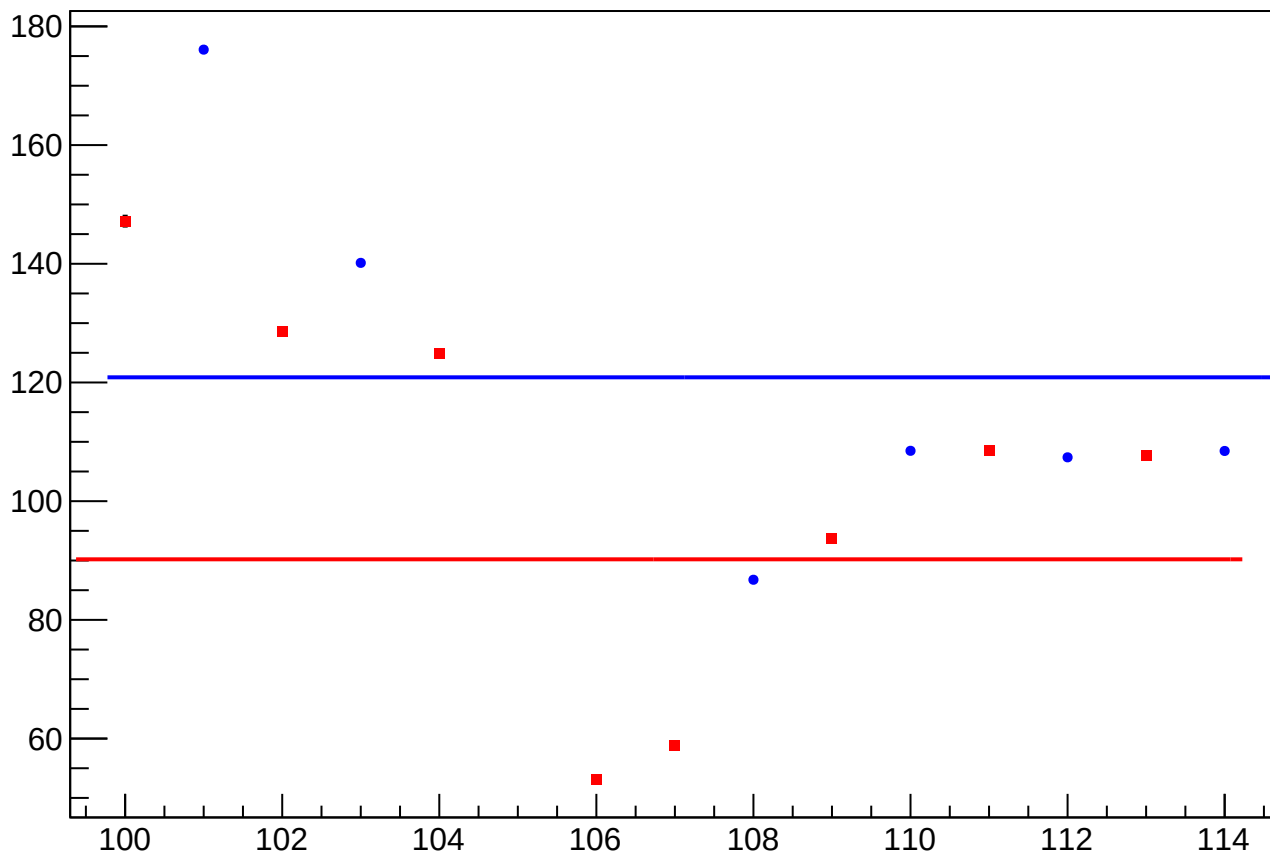
Right: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

In: -52.779 $\pm$ 2.769 χ^2 /NDF: 73.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.038 $\pm$ 1.645 χ^2 /NDF: 160.3/13

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.869+/-0.125 χ^2/NDF : 59366.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.203+/-0.092 χ^2/NDF : 118241.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

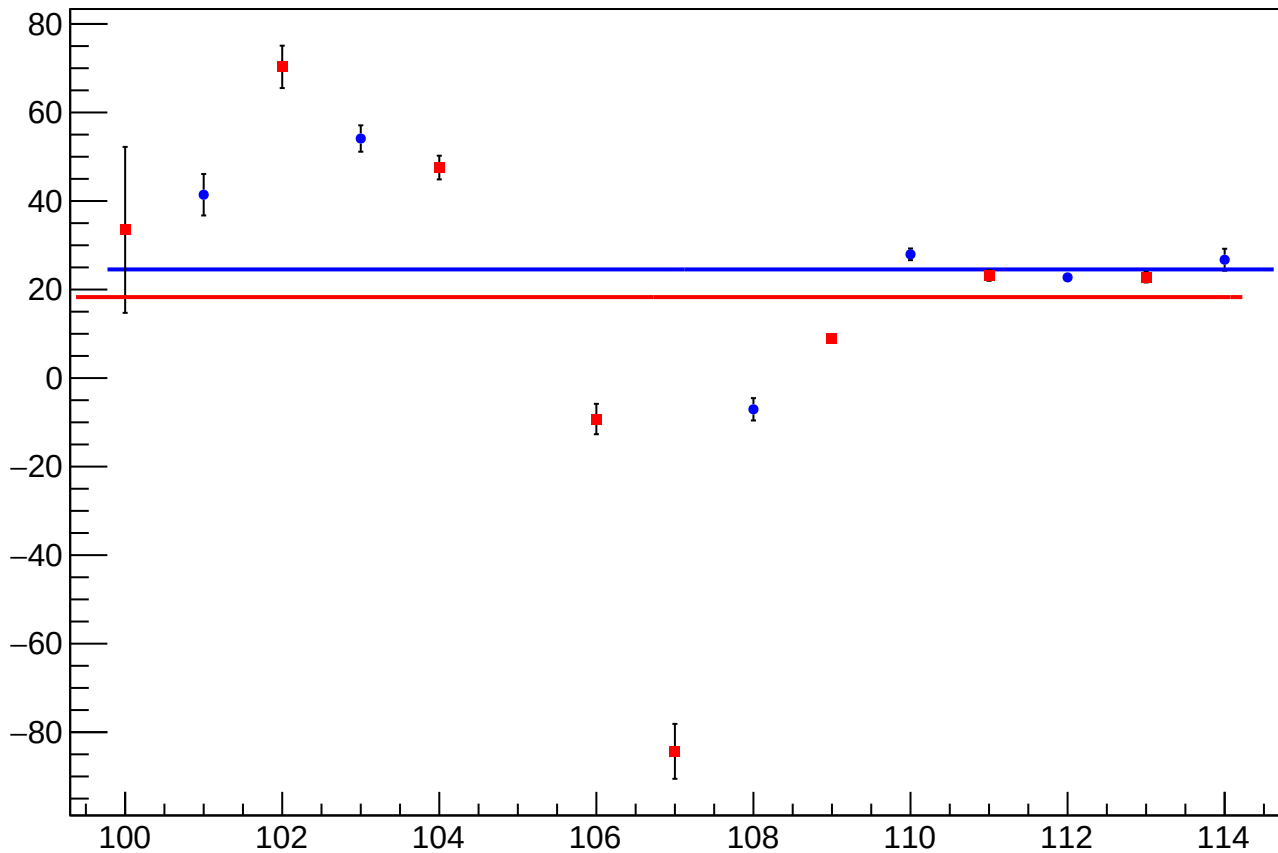
Right: 101.020+/-0.074 χ^2/NDF : 216446.5/13

In: 120.869+/-0.125 χ^2/NDF : 59366.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.020+/-0.074 χ^2/NDF : 216446.5/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.545 ± 0.733 χ^2/NDF : 278.6/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.294 ± 0.626 χ^2/NDF : 680.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

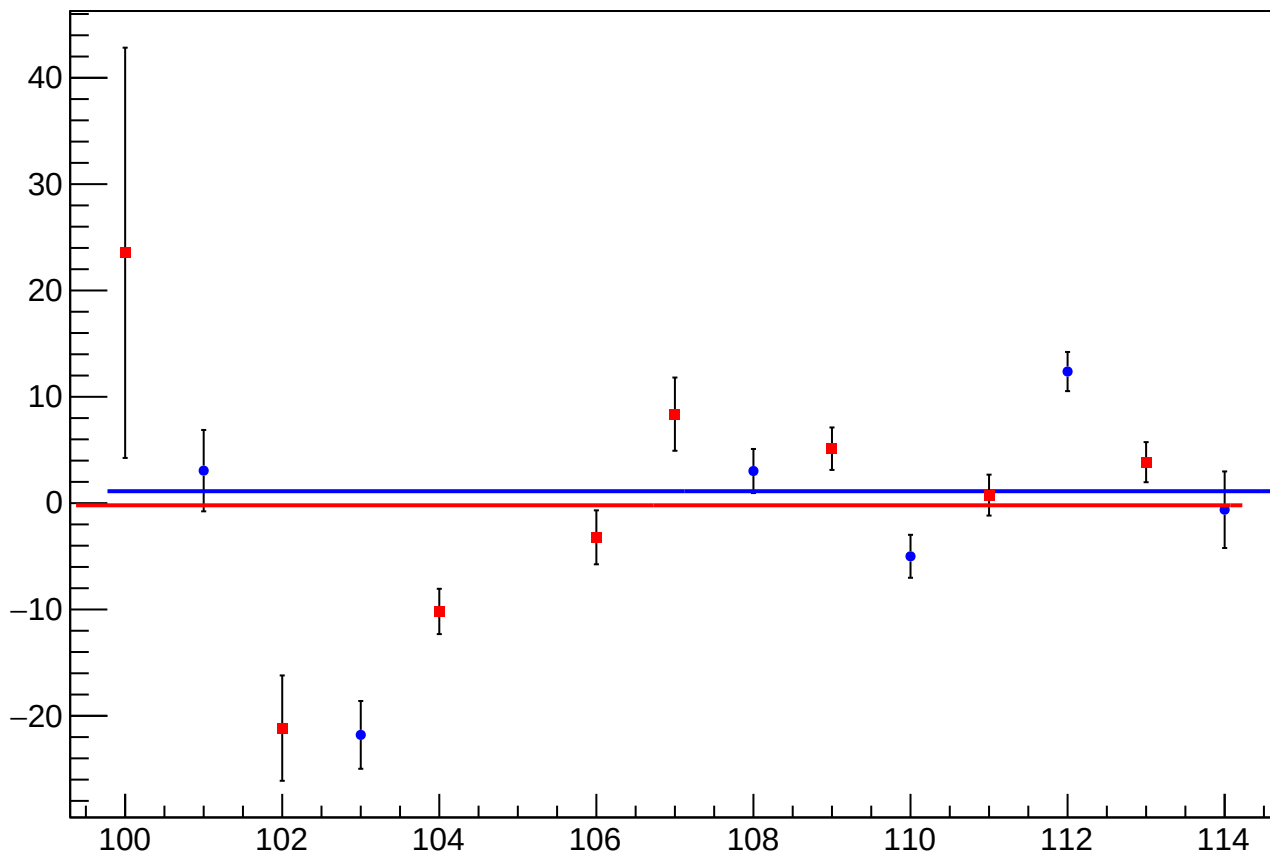
Right: 20.929 ± 0.476 χ^2/NDF : 1001.6/13

In: 24.545 ± 0.733 χ^2/NDF : 278.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 20.929 ± 0.476 χ^2/NDF : 1001.6/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

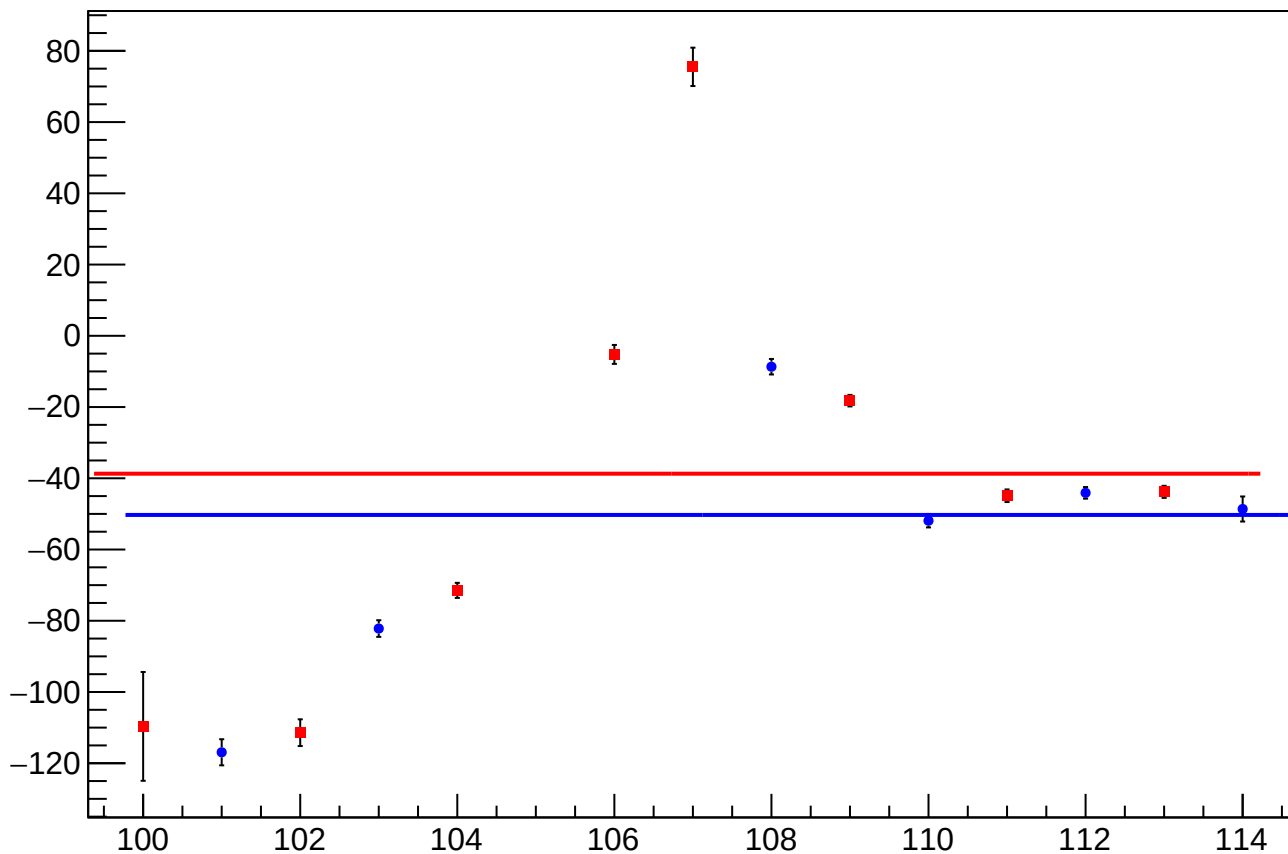
Right: 0.378+/-0.656 χ^2/NDF : 161.5/13

In: 1.123+/-0.992 χ^2/NDF : 99.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.656 χ^2/NDF : 161.5/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

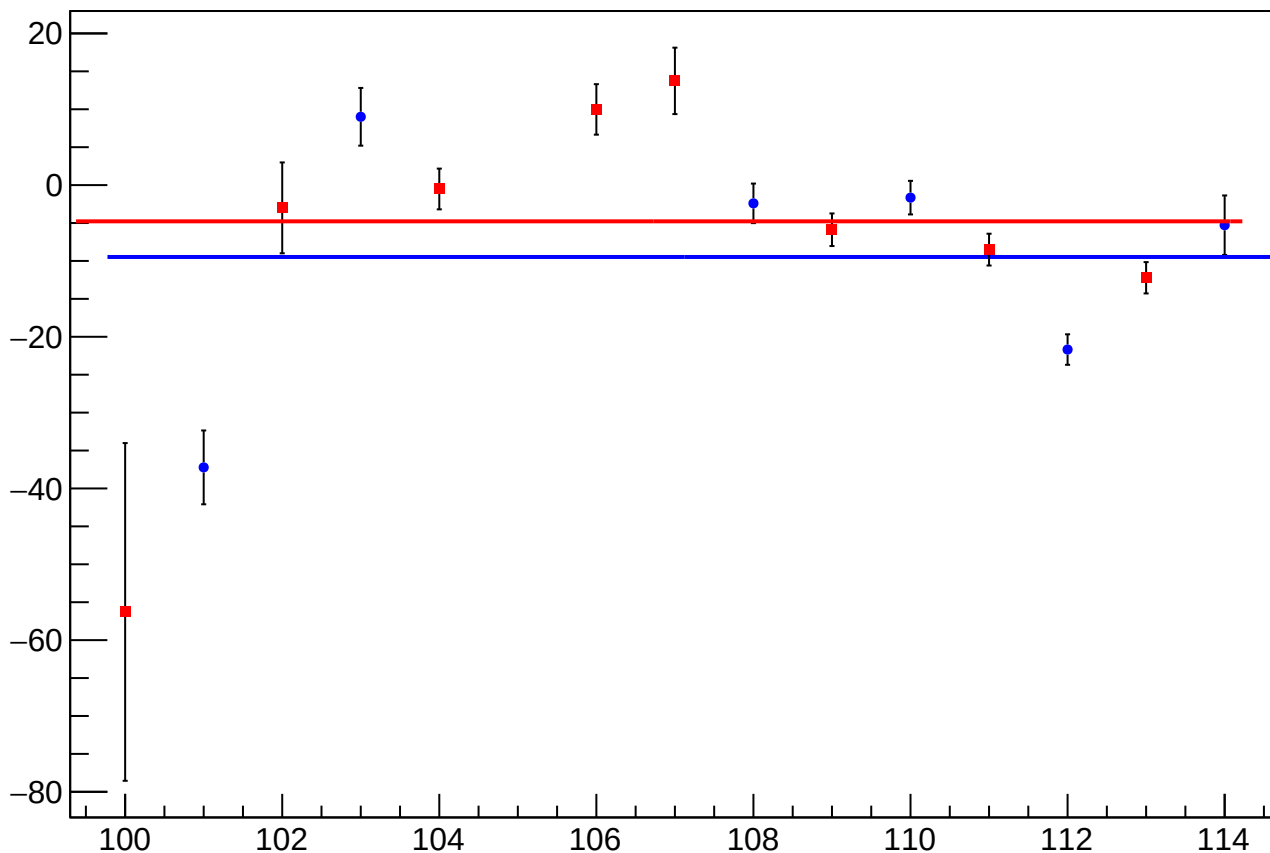
Right: -43.823 $\pm$ 0.605 χ^2 /NDF: 2415.3/13

In: -50.290 $\pm$ 0.910 χ^2 /NDF:897.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.823 $\pm$ 0.605 χ^2 /NDF: 2415.3/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

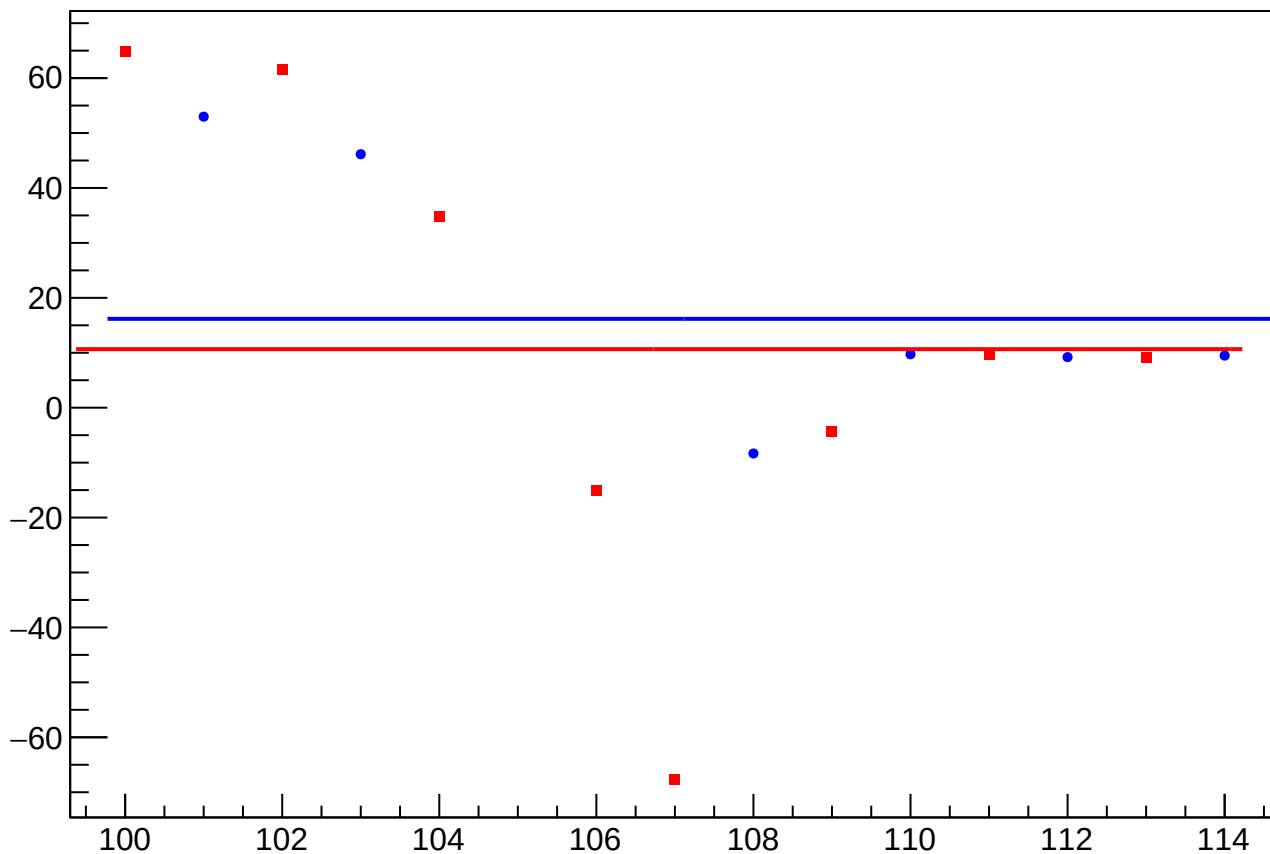
Right: -6.841+/-0.753 χ^2/NDF : 185.4/13

In: -9.477+/-1.136 χ^2/NDF : 113.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.841+/-0.753 χ^2/NDF : 185.4/13

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

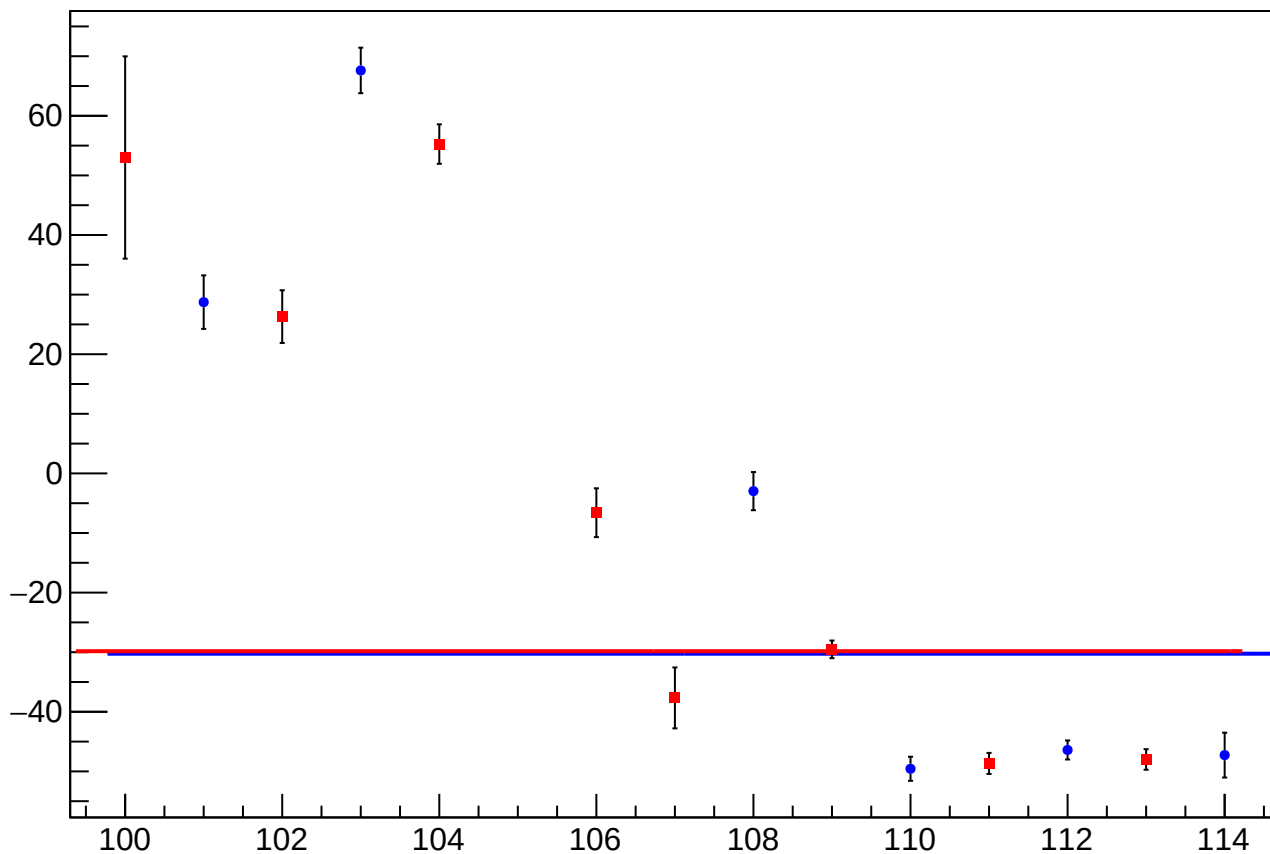
Right: 13.302 $\pm$ 0.036 χ^2 /NDF: 551826.4/13

In: 16.178 $\pm$ 0.052 χ^2 /NDF:203942.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.302 $\pm$ 0.036 χ^2 /NDF: 551826.4/13

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

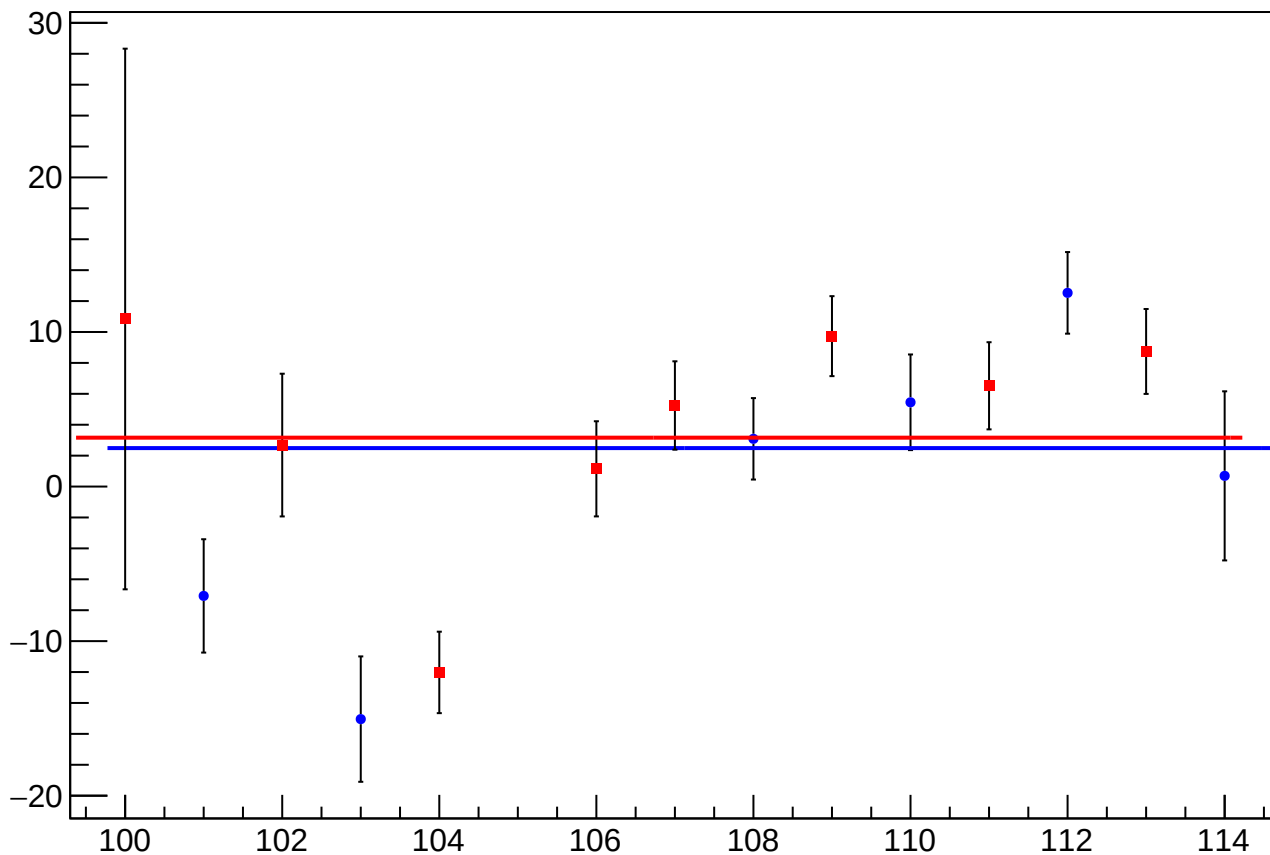
Right: -30.002+/-0.661 χ^2/NDF : 2222.1/13

In: -30.253+/-1.040 χ^2/NDF :1115.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -30.002+/-0.661 χ^2/NDF : 2222.1/13

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.488+/-1.336 χ^2/NDF : 41.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.163+/-1.098 χ^2/NDF : 46.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

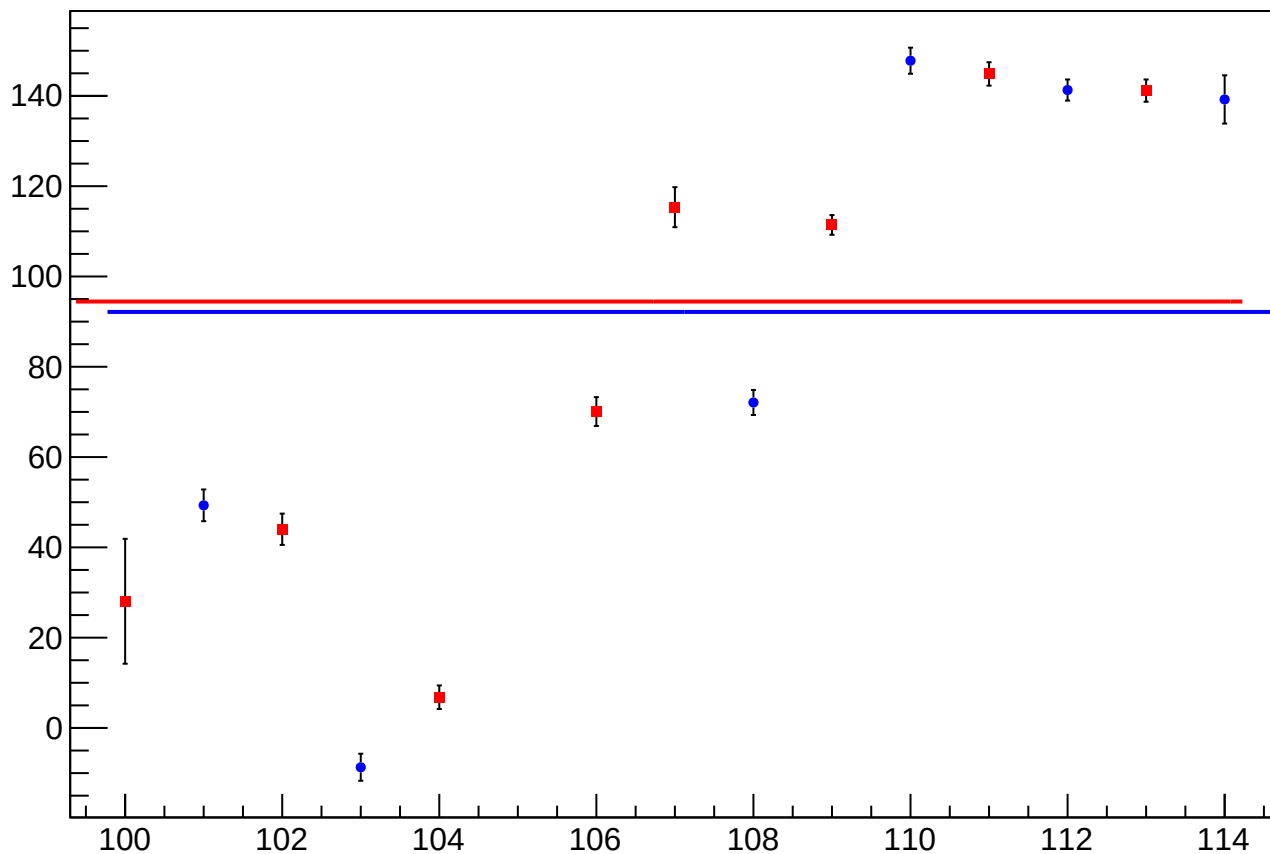
Right: 2.891+/-0.848 χ^2/NDF : 87.6/13

In: 2.488+/-1.336 χ^2/NDF : 41.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.891+/-0.848 χ^2/NDF : 87.6/13

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 92.147+/-1.230 χ^2/NDF : 2224.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.449+/-1.050 χ^2/NDF : 2239.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

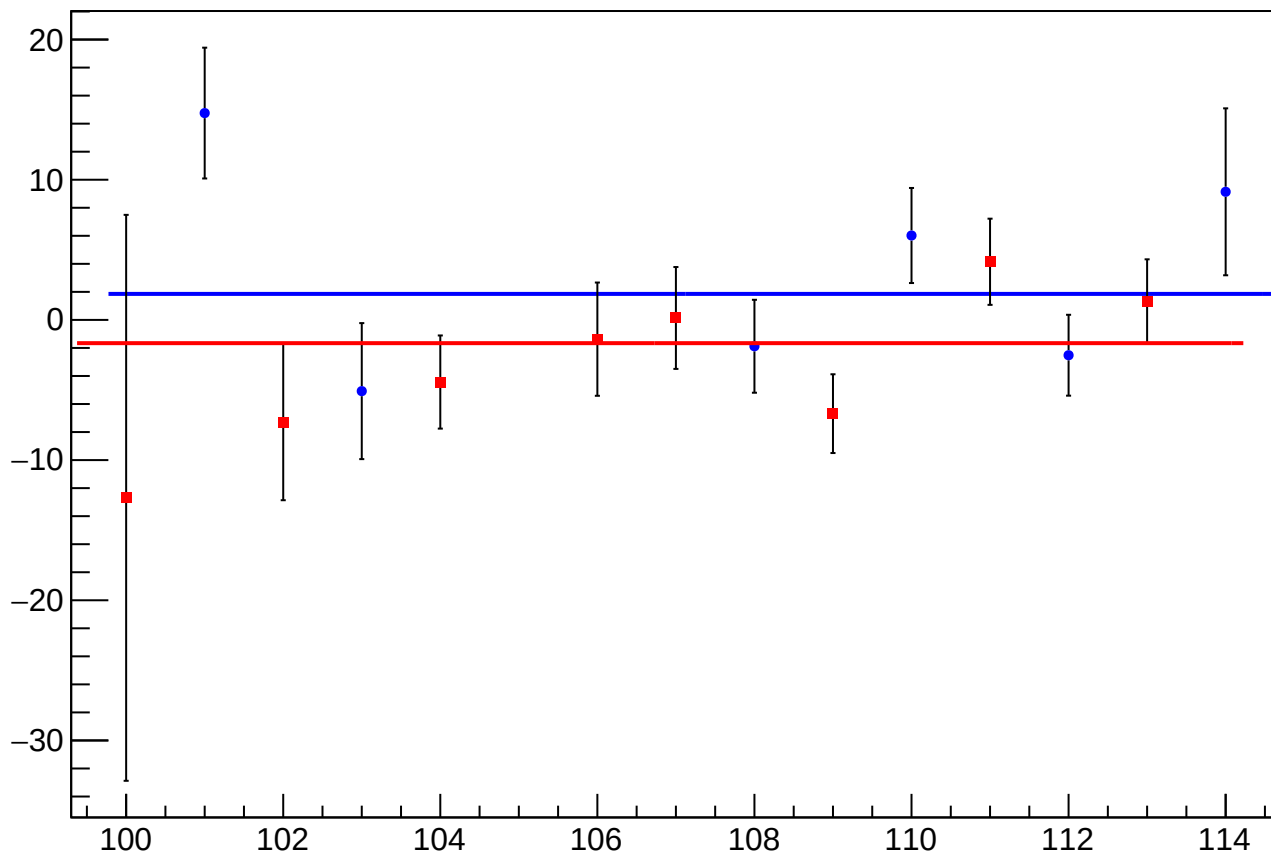
Right: 93.479+/-0.799 χ^2/NDF : 4466.2/13

In: 92.147+/-1.230 χ^2/NDF : 2224.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.479+/-0.799 χ^2/NDF : 4466.2/13

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

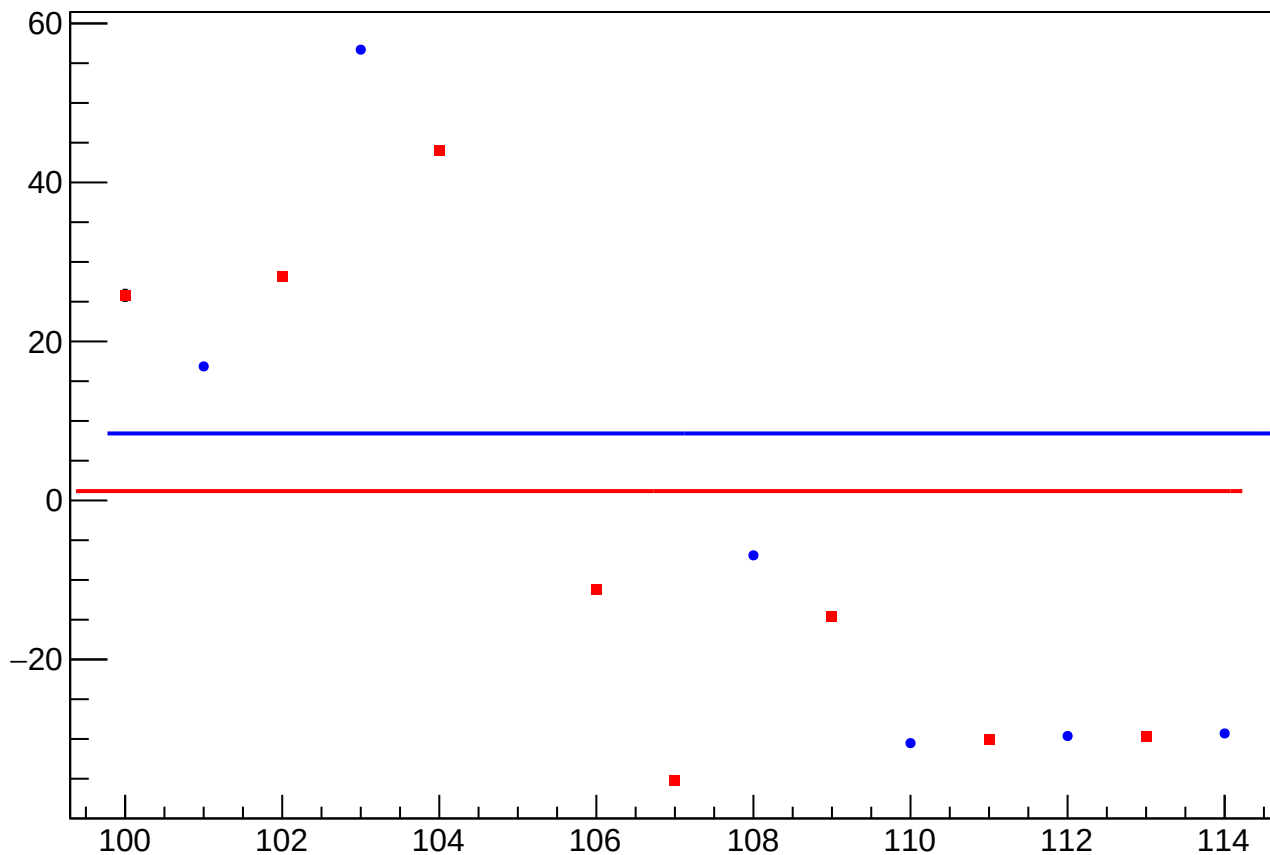
Right: -0.230+/-0.990 χ^2/NDF : 29.3/13

In: 1.855+/-1.553 χ^2/NDF : 16.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.230+/-0.990 χ^2/NDF : 29.3/13

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

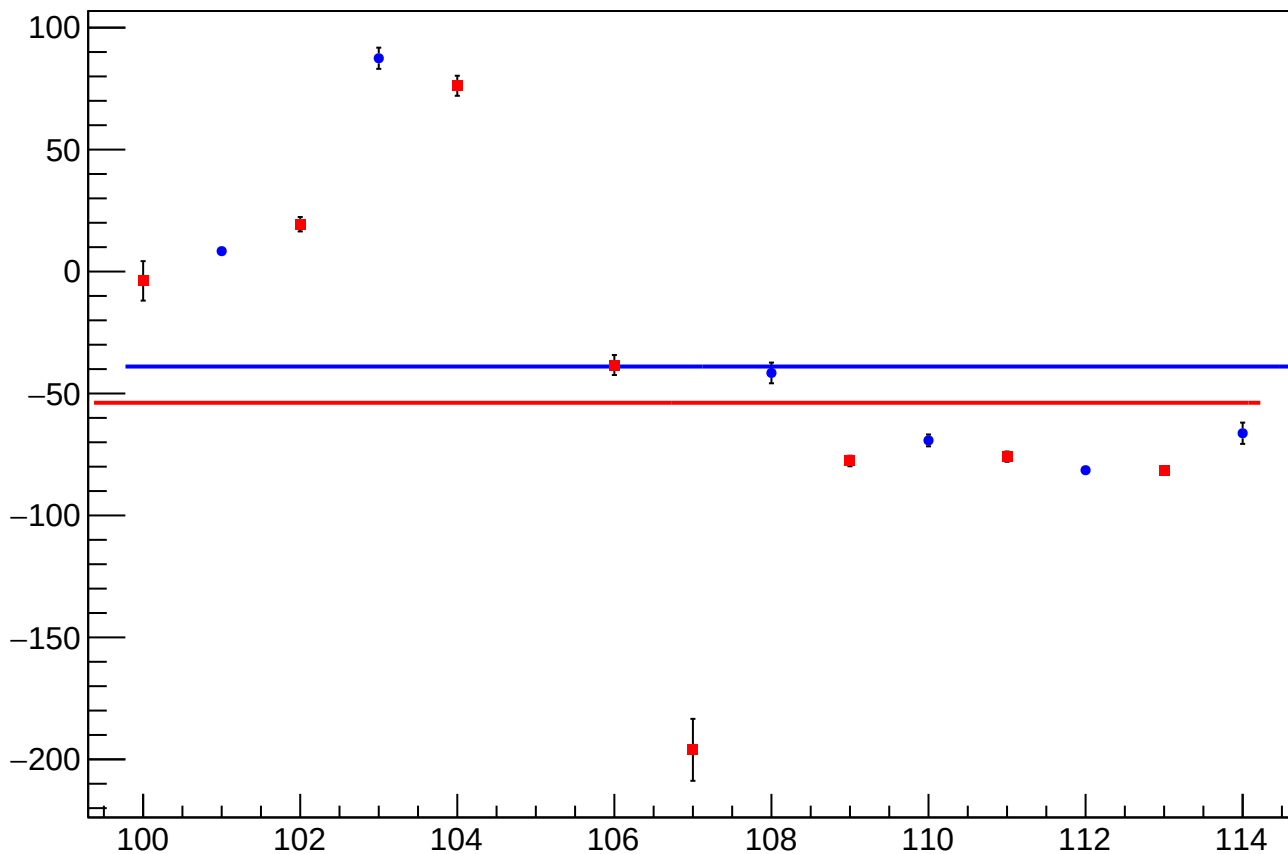
Right: 4.375+/-0.045 χ^2/NDF : 508856.1/13

In: 8.429+/-0.068 χ^2/NDF : 245449.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.375+/-0.045 χ^2/NDF : 508856.1/13

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

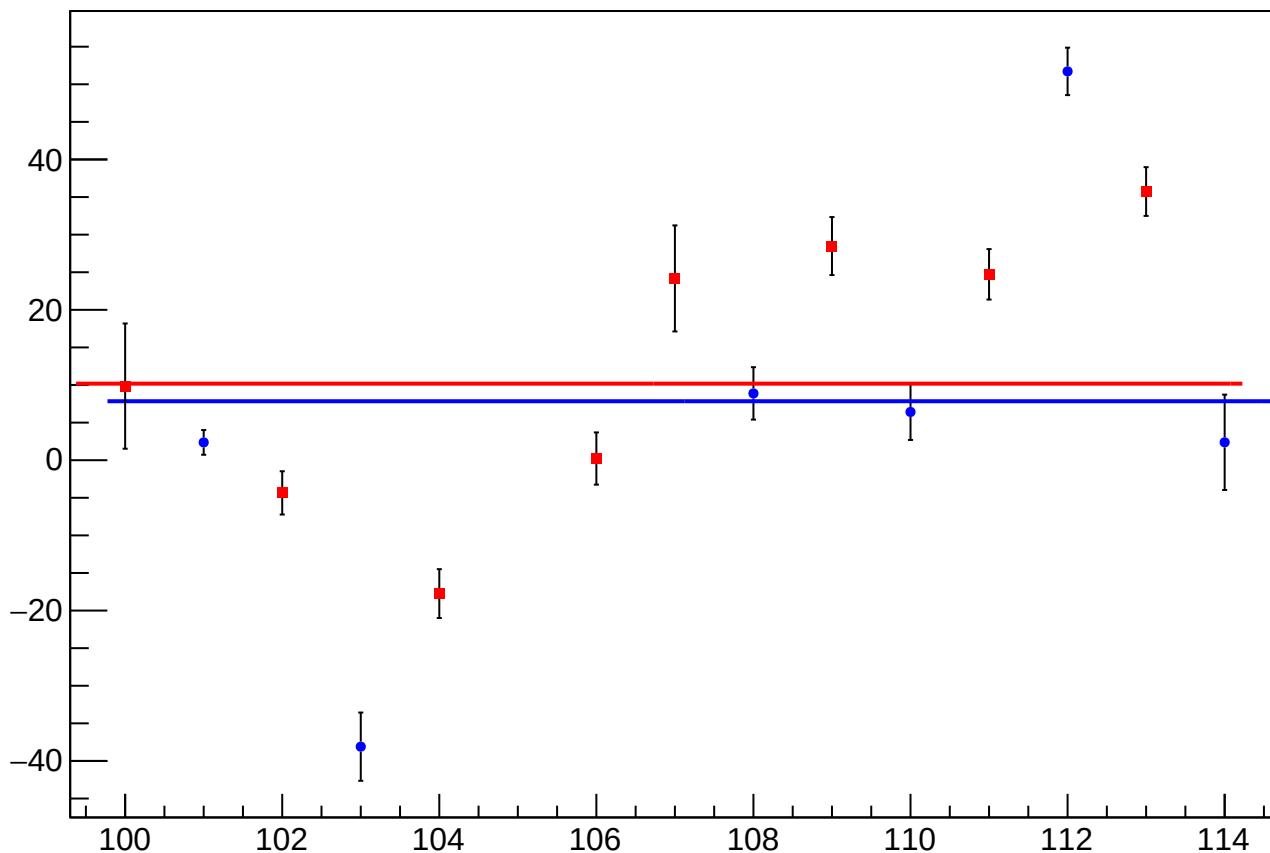
Right: -46.711 $\pm$ 0.747 χ^2 /NDF: 4404.5/13

In: -38.943 $\pm$ 1.082 χ^2 /NDF:2095.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -46.711 $\pm$ 0.747 χ^2 /NDF: 4404.5/13

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.844+/-1.197 χ^2/NDF : 307.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.182+/-1.309 χ^2/NDF : 214.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

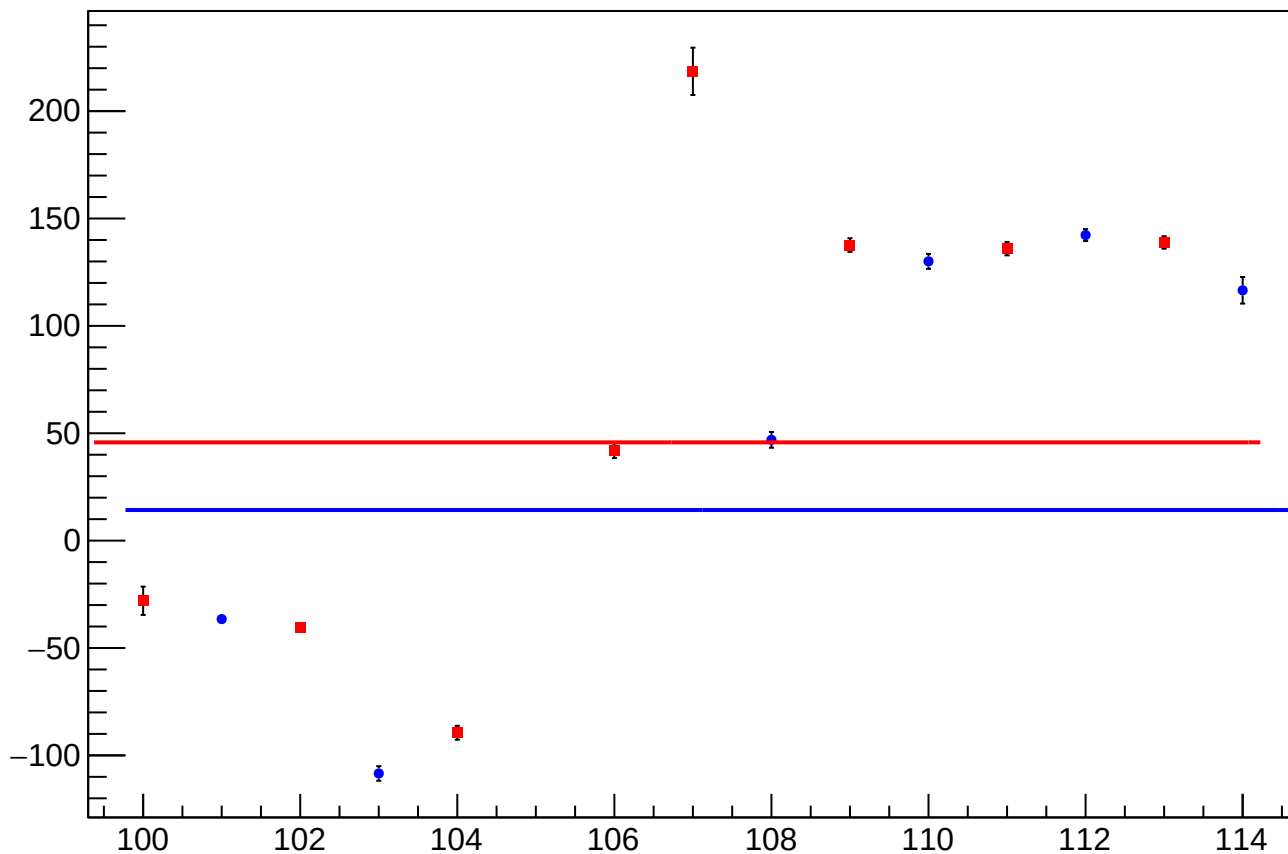
Right: 8.909+/-0.883 χ^2/NDF : 524.5/13

In: 7.844+/-1.197 χ^2/NDF : 307.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.909+/-0.883 χ^2/NDF : 524.5/13

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

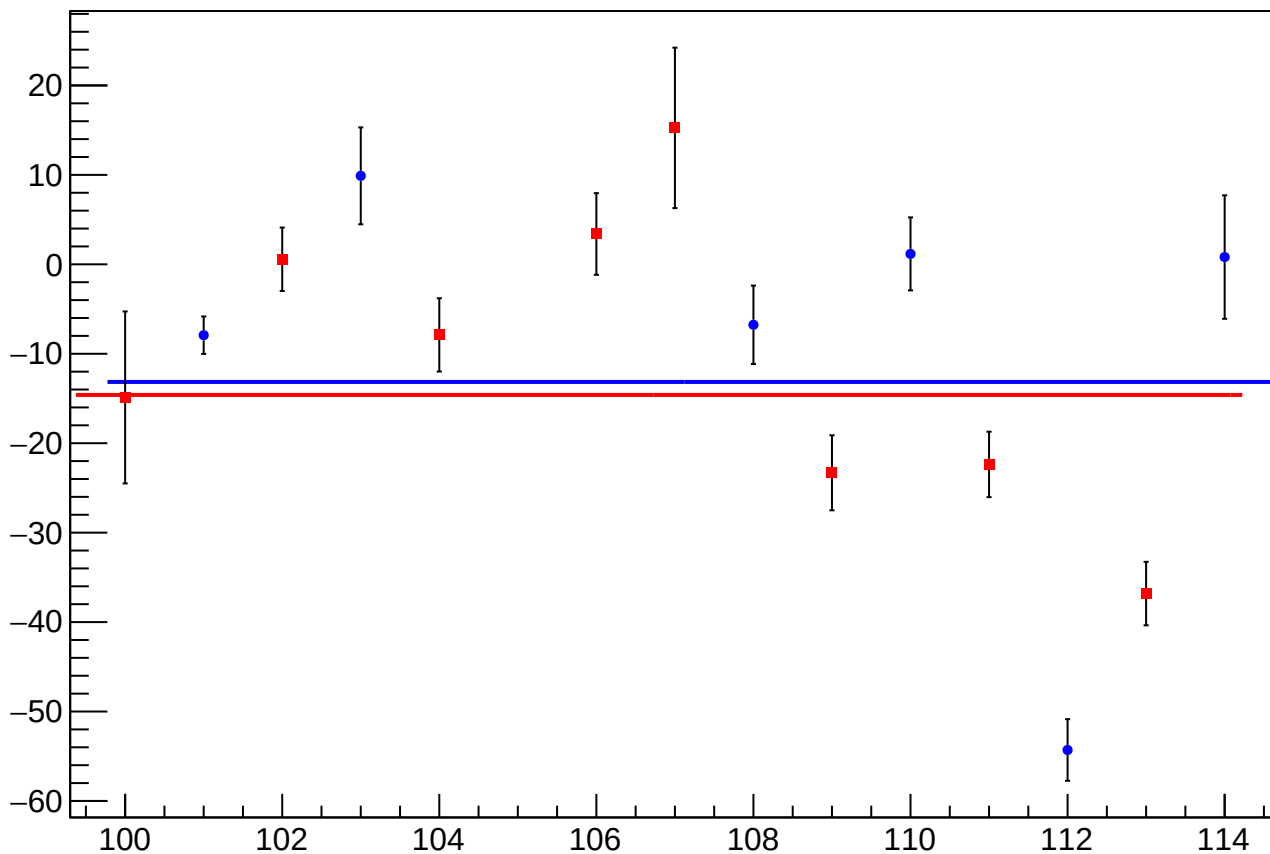
Right: 29.151+/-0.810 χ^2 /NDF: 12492.7/13

In: 14.251+/-1.116 χ^2 /NDF: 5908.5/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 29.151+/-0.810 χ^2 /NDF: 12492.7/13

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

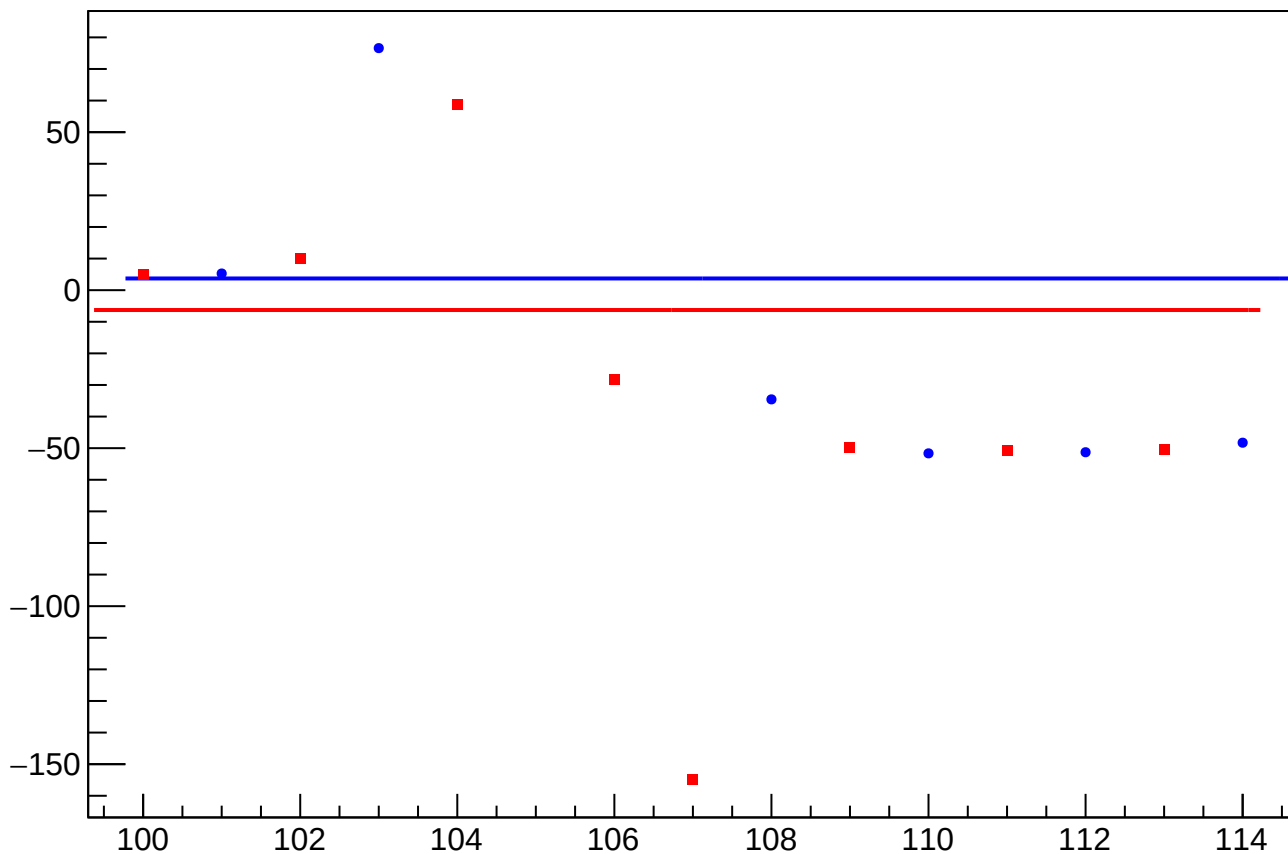
Right: -13.829 $\pm$ 1.054 χ^2 /NDF: 281.4/13

In: -13.148 $\pm$ 1.444 χ^2 /NDF:185.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.829 $\pm$ 1.054 χ^2 /NDF: 281.4/13

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

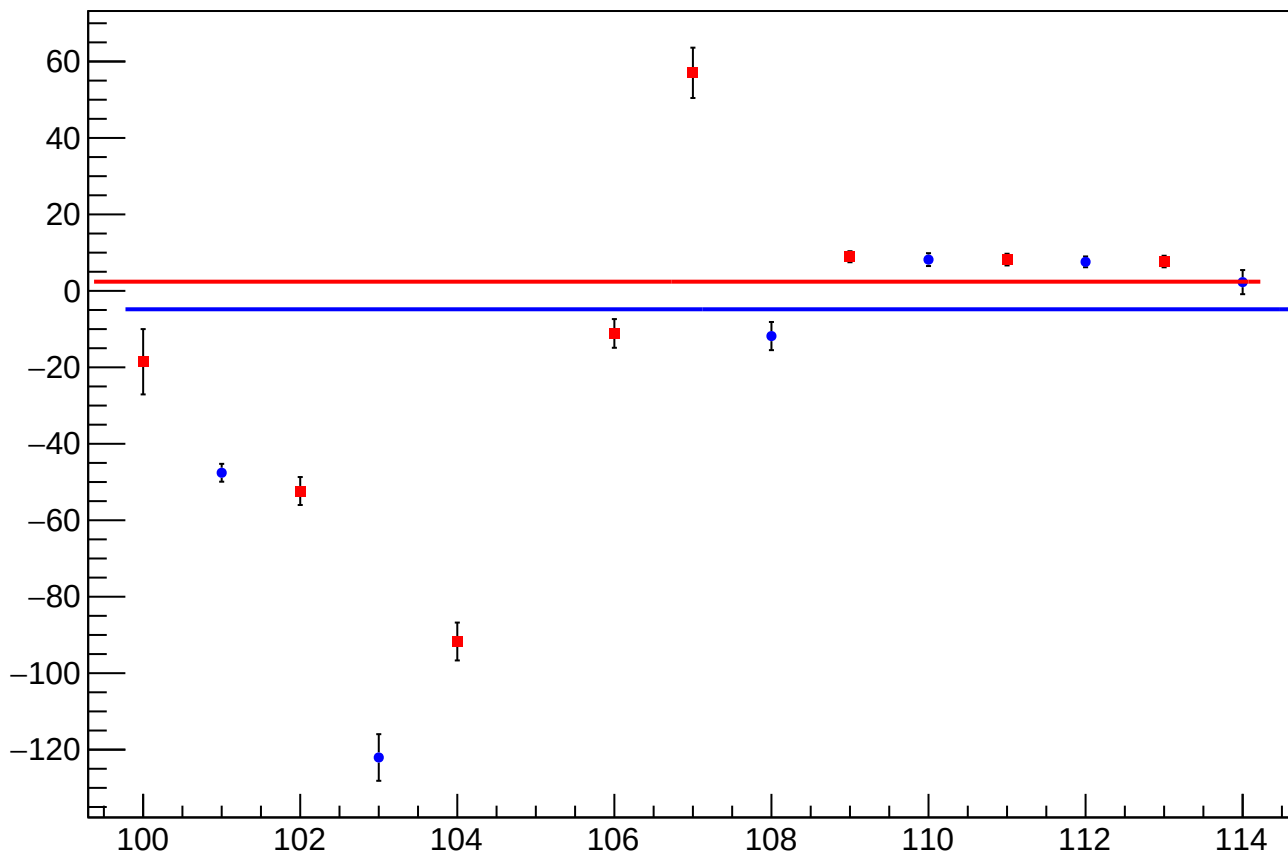
Right: -1.306+/-0.045 χ^2/NDF : 894024.4/13

In: 3.704+/-0.064 χ^2/NDF : 439893.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.306+/-0.045 χ^2/NDF : 894024.4/13

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

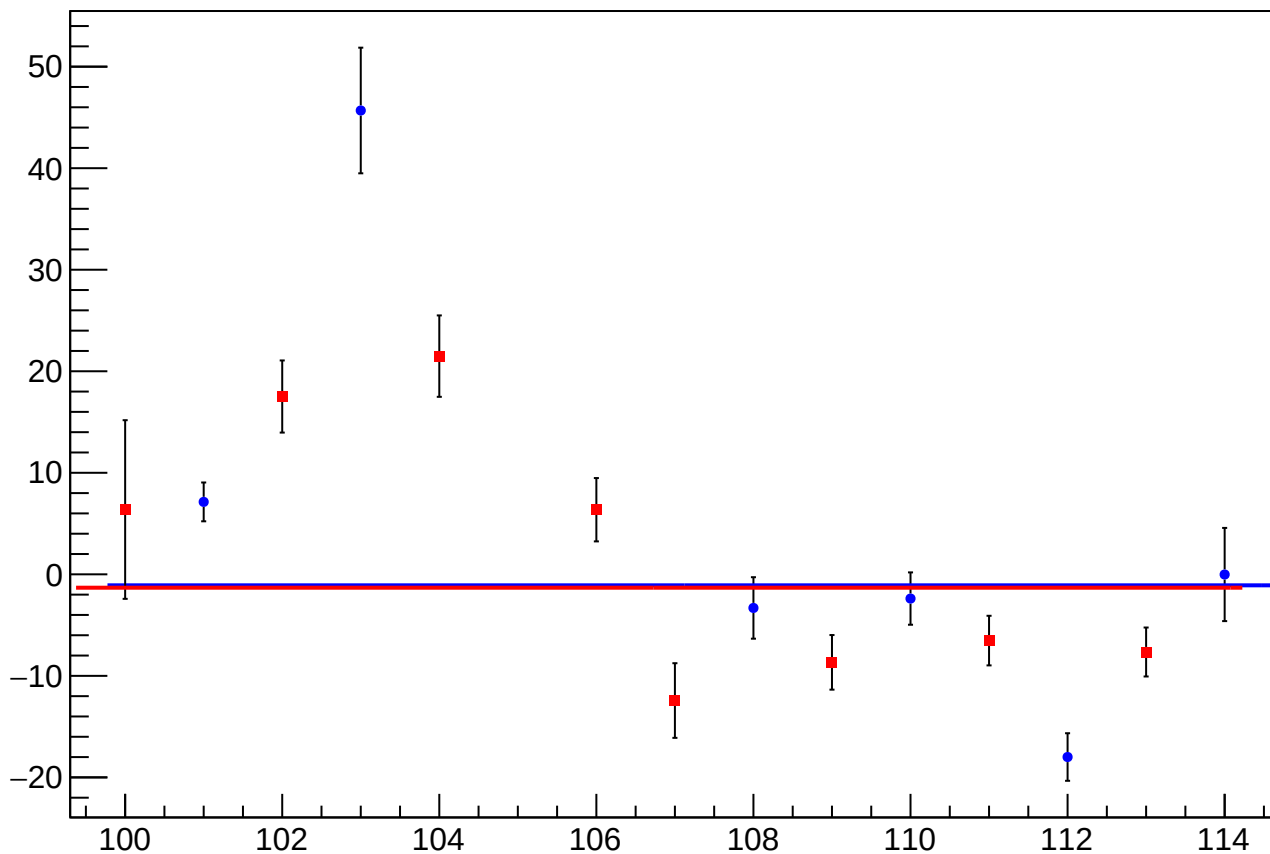
Right: -0.779+/-0.597 χ^2 /NDF: 1606.6/13

In: -4.815+/-0.899 χ^2 /NDF:850.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.779+/-0.597 χ^2 /NDF: 1606.6/13

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

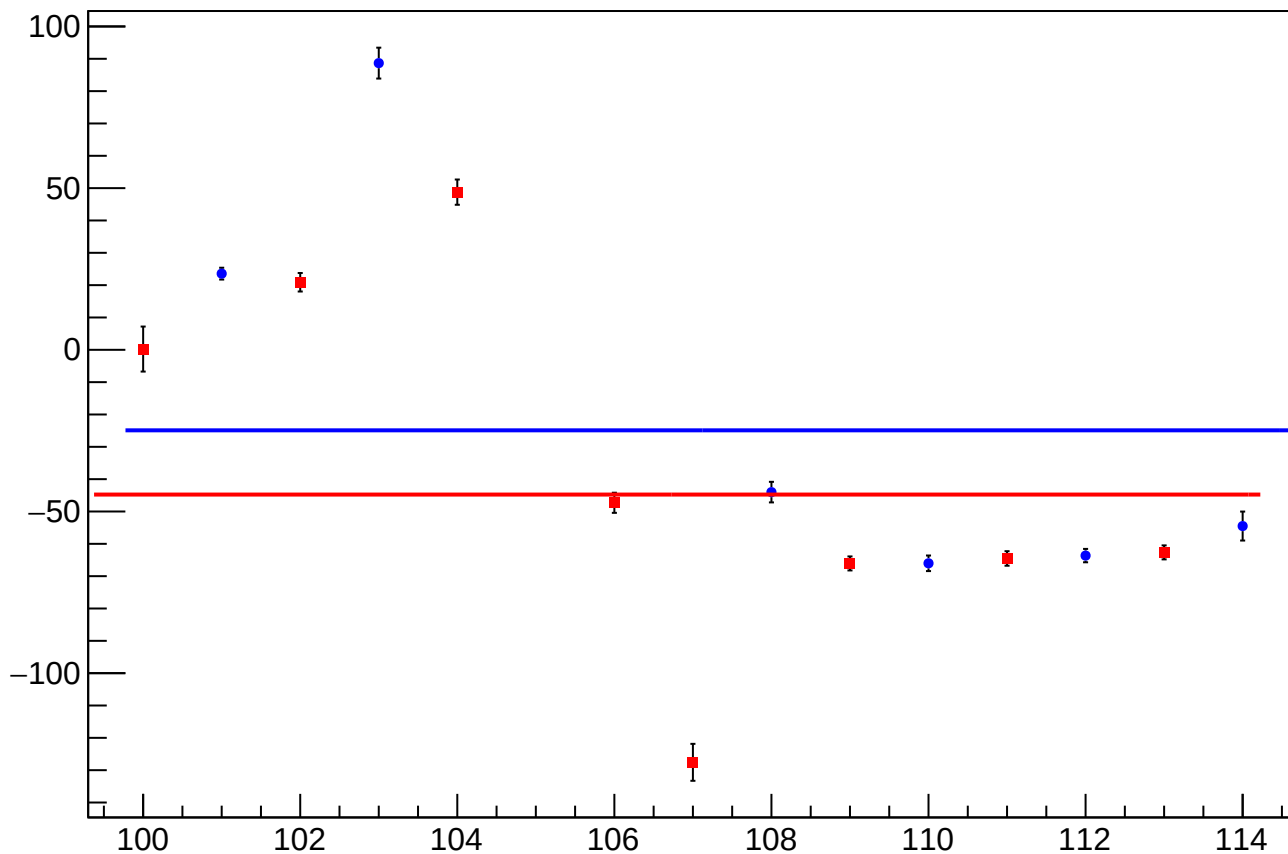
Right: -1.202+/-0.791 χ^2/NDF : 224.0/13

In: -1.083+/-1.126 χ^2/NDF :128.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.202+/-0.791 χ^2/NDF : 224.0/13

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.899+/-1.055 χ^2/NDF : 1990.0/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -44.764+/-1.017 χ^2/NDF : 1593.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

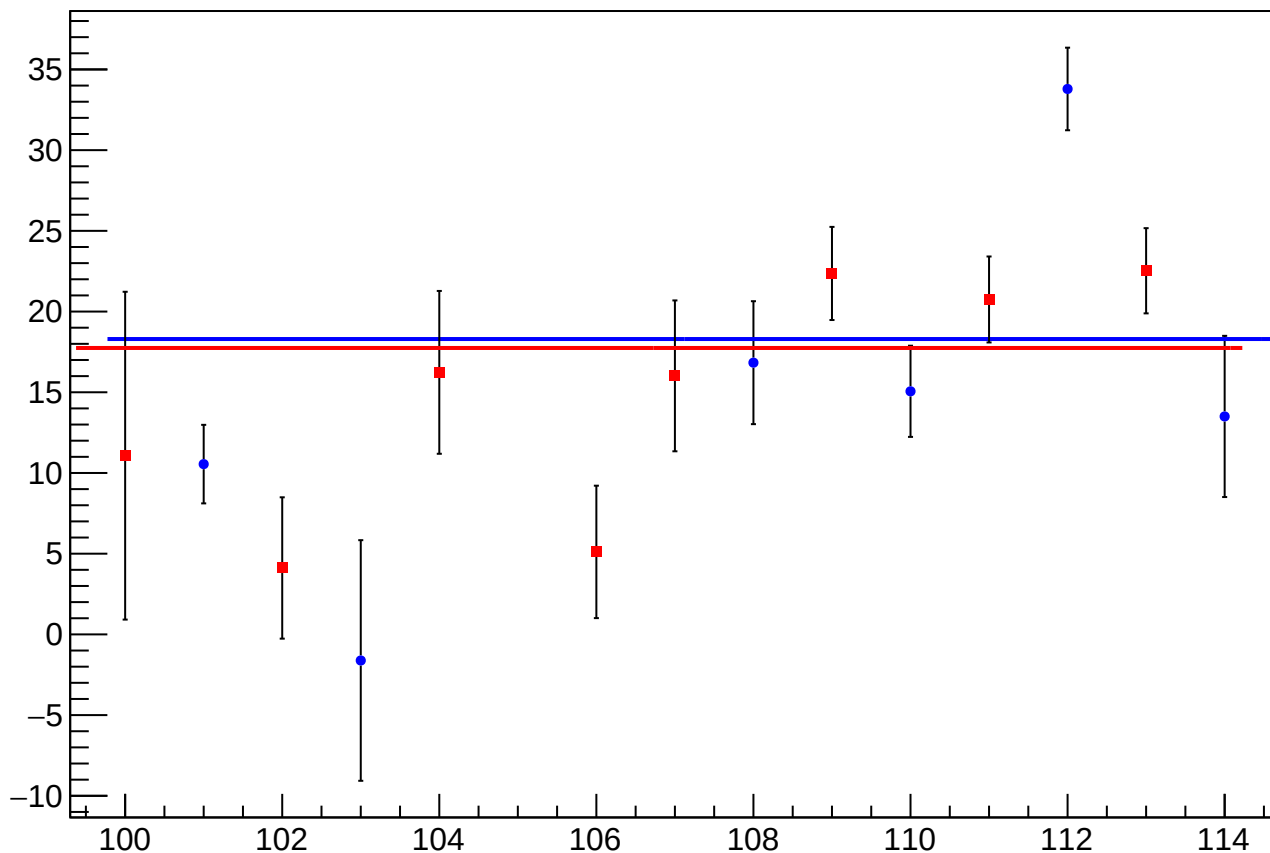
Right: -35.198+/-0.732 χ^2/NDF : 3767.5/13

In: -24.899+/-1.055 χ^2/NDF :1990.0/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.198+/-0.732 χ^2/NDF : 3767.5/13

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.298+/-1.320 χ^2 /NDF: 56.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 17.744+/-1.279 χ^2 /NDF: 27.0/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

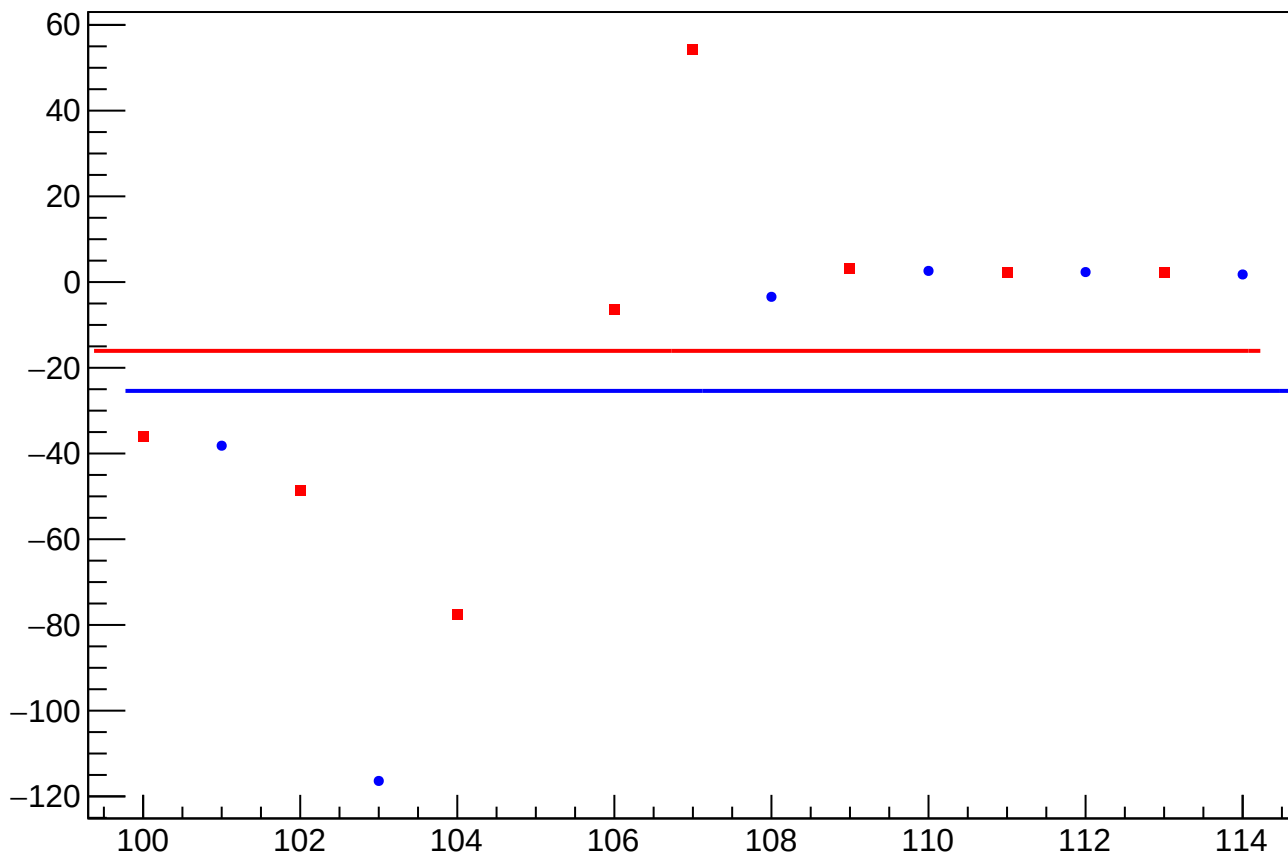
Right: 18.013+/-0.919 χ^2 /NDF: 83.4/13

In: 18.298+/-1.320 χ^2 /NDF: 56.3/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 18.013+/-0.919 χ^2 /NDF: 83.4/13

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.392+/-0.065 χ^2/NDF : 299158.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.051+/-0.061 χ^2/NDF : 306335.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

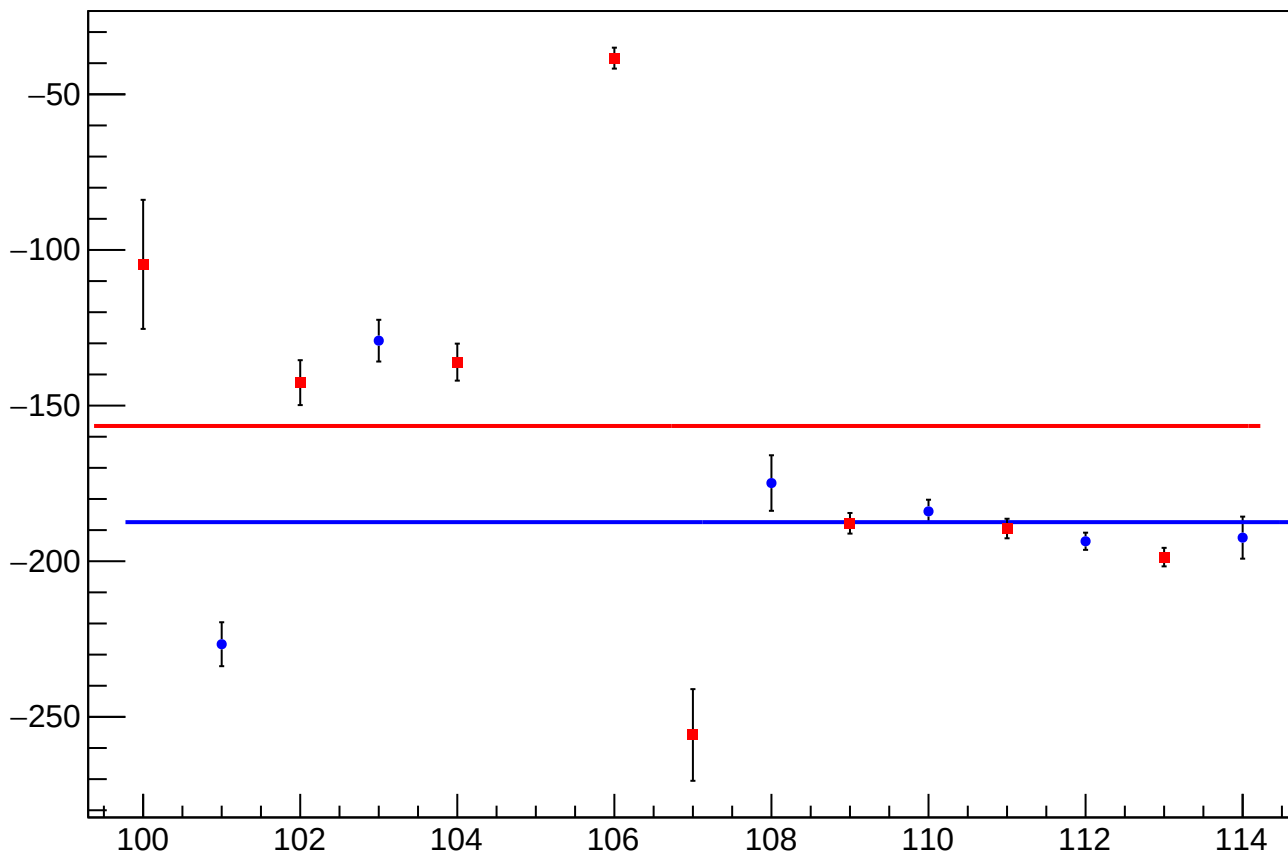
Right: -20.421+/-0.044 χ^2/NDF : 616634.0/13

In: -25.392+/-0.065 χ^2/NDF : 299158.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.421+/-0.044 χ^2/NDF : 616634.0/13

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -187.442+/-1.890 χ^2 /NDF: 114.9/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -156.547+/-1.493 χ^2 /NDF: 1701.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

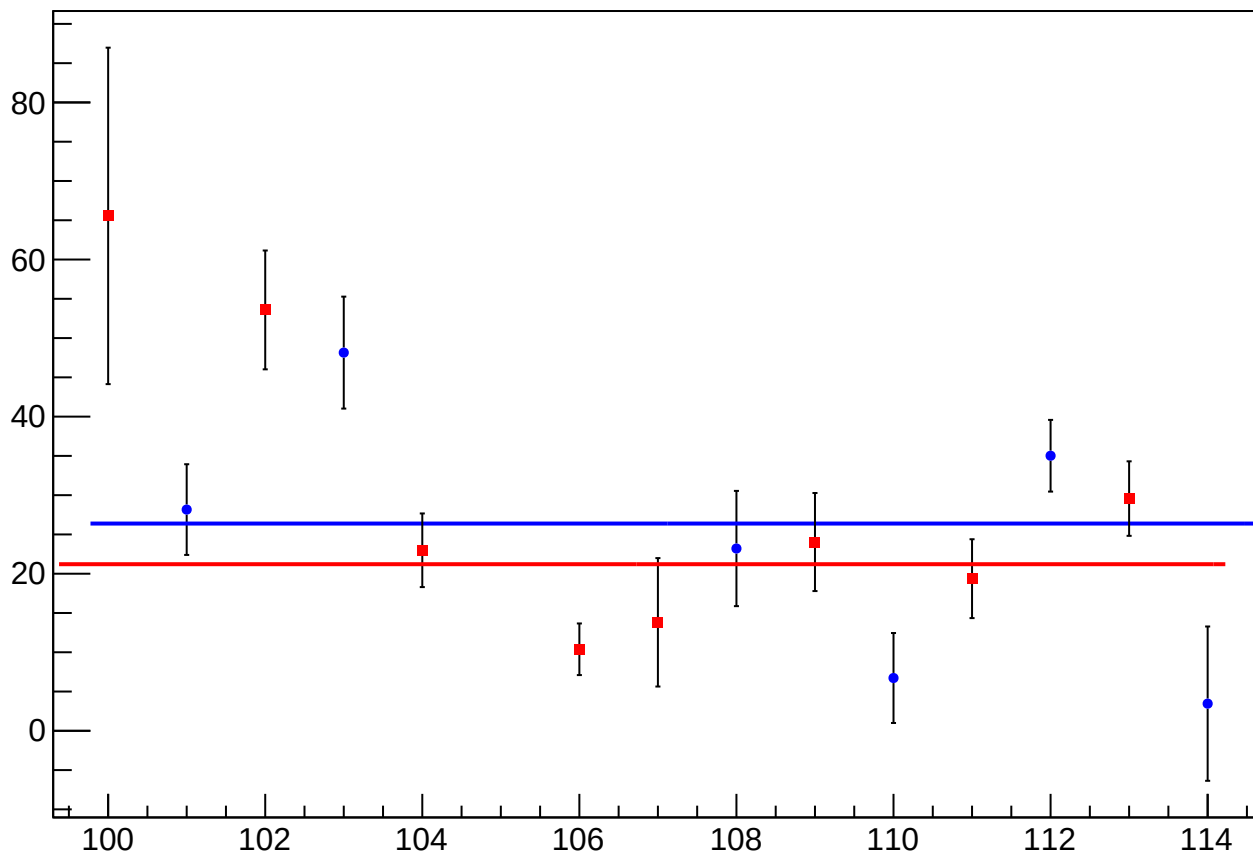
Right: -168.418+/-1.172 χ^2 /NDF: 1980.6/13

In: -187.442+/-1.890 χ^2 /NDF:114.9/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -168.418+/-1.172 χ^2 /NDF: 1980.6/13

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

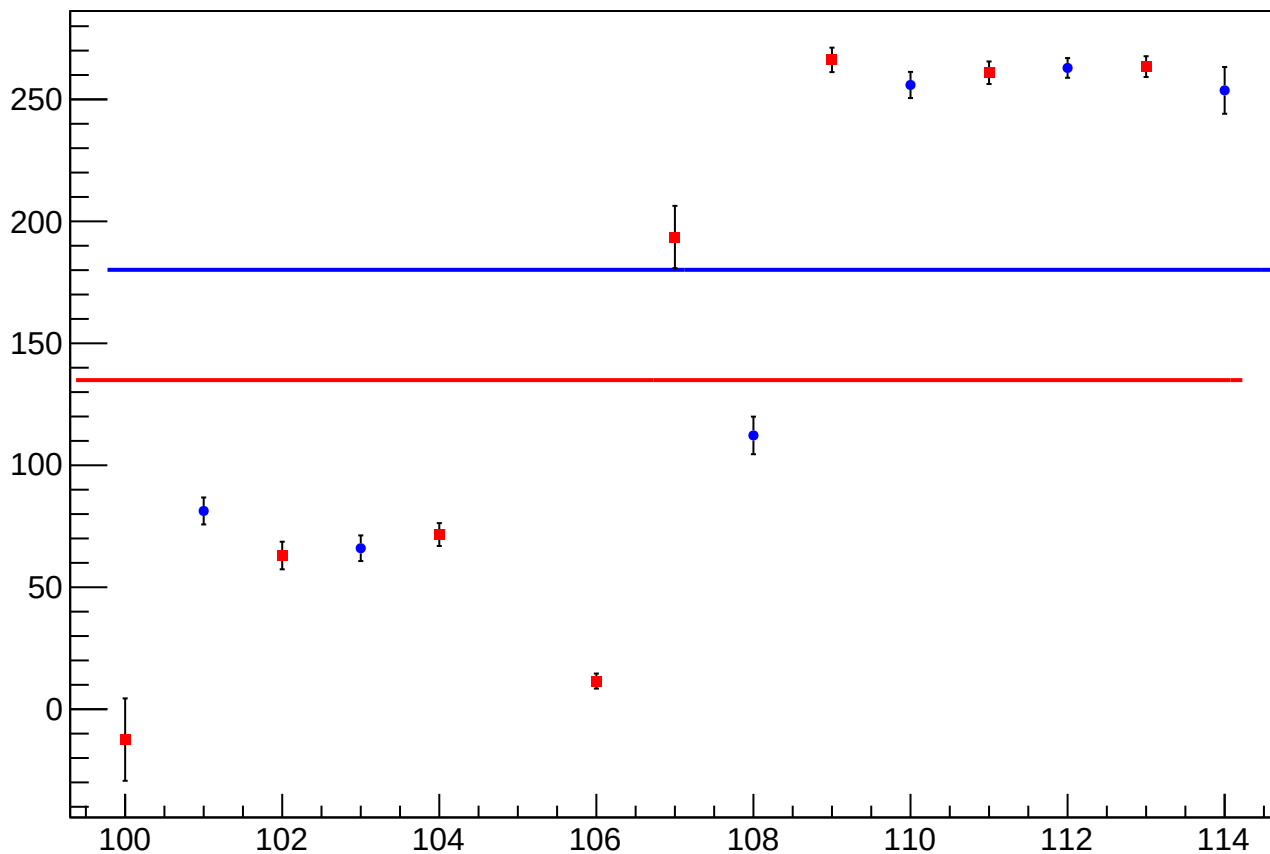
Right: 23.061 $\pm$ 1.508 χ^2 /NDF: 71.0/13

In: 26.387 $\pm$ 2.523 χ^2 /NDF: 30.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.061 $\pm$ 1.508 χ^2 /NDF: 71.0/13

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 180.136+/-2.278 χ^2/NDF : 1547.6/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 134.916+/-1.732 χ^2/NDF : 4379.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

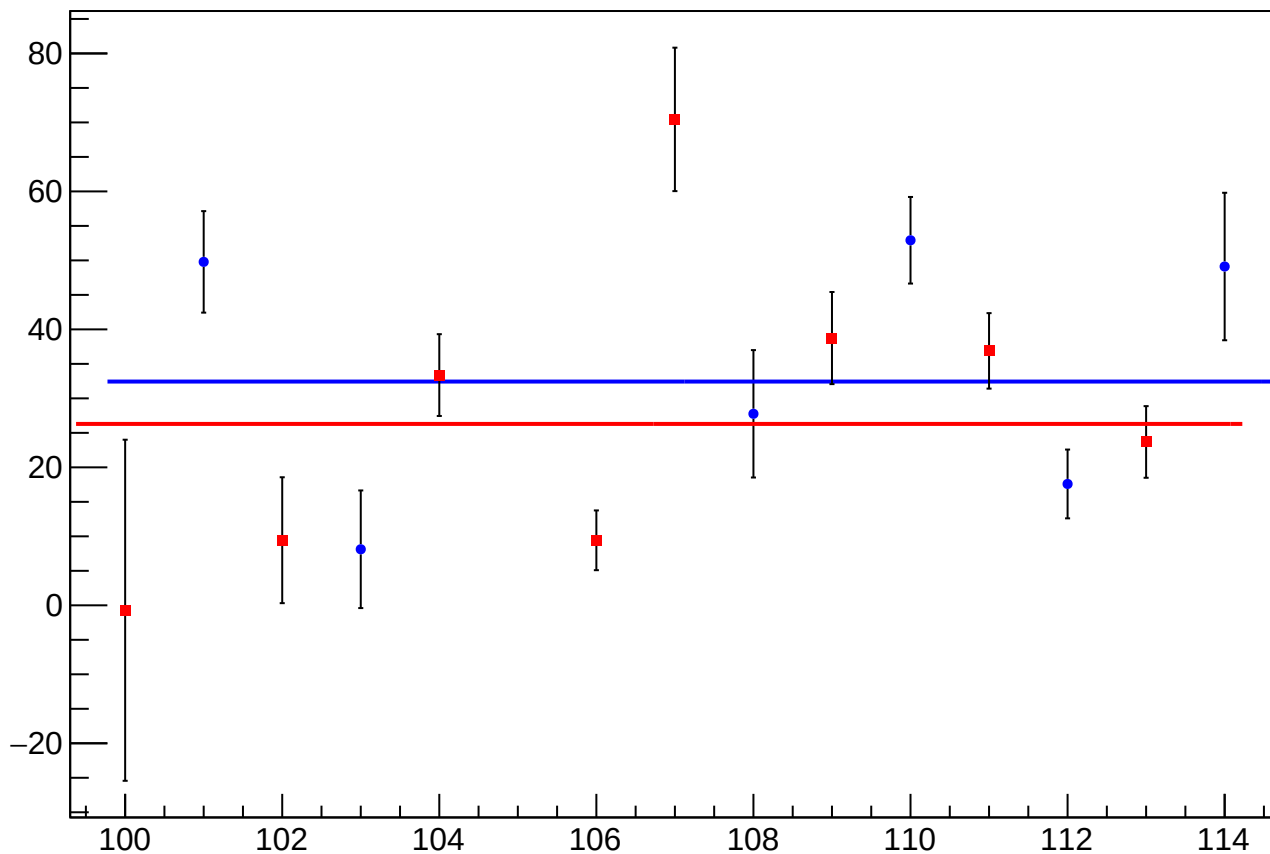
Right: 151.489+/-1.379 χ^2/NDF : 6177.1/13

In: 180.136+/-2.278 χ^2/NDF :1547.6/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.489+/-1.379 χ^2/NDF : 6177.1/13

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

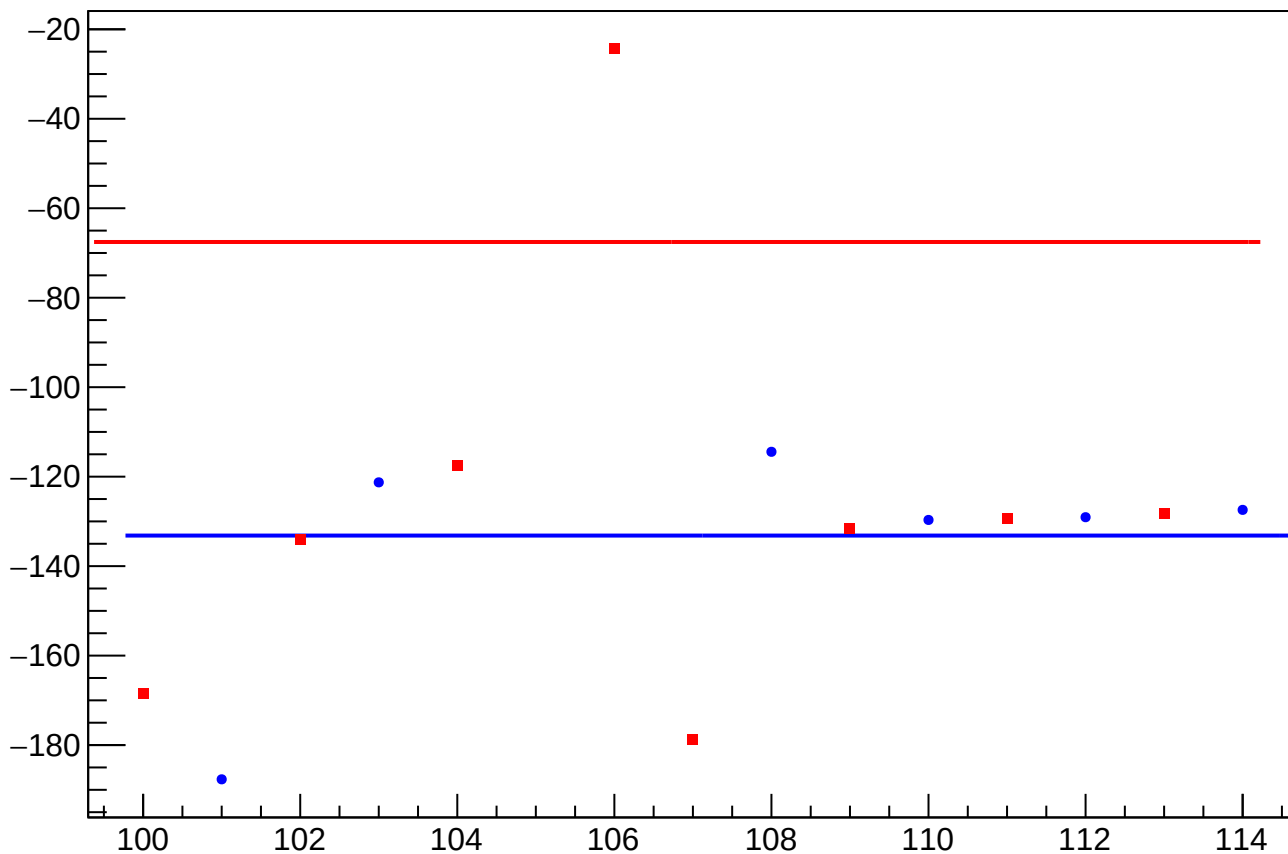
Right: 28.596 $\pm$ 1.779 χ^2 /NDF: 85.4/13

In: 32.437 $\pm$ 2.907 χ^2 /NDF: 35.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.596 $\pm$ 1.779 χ^2 /NDF: 85.4/13

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

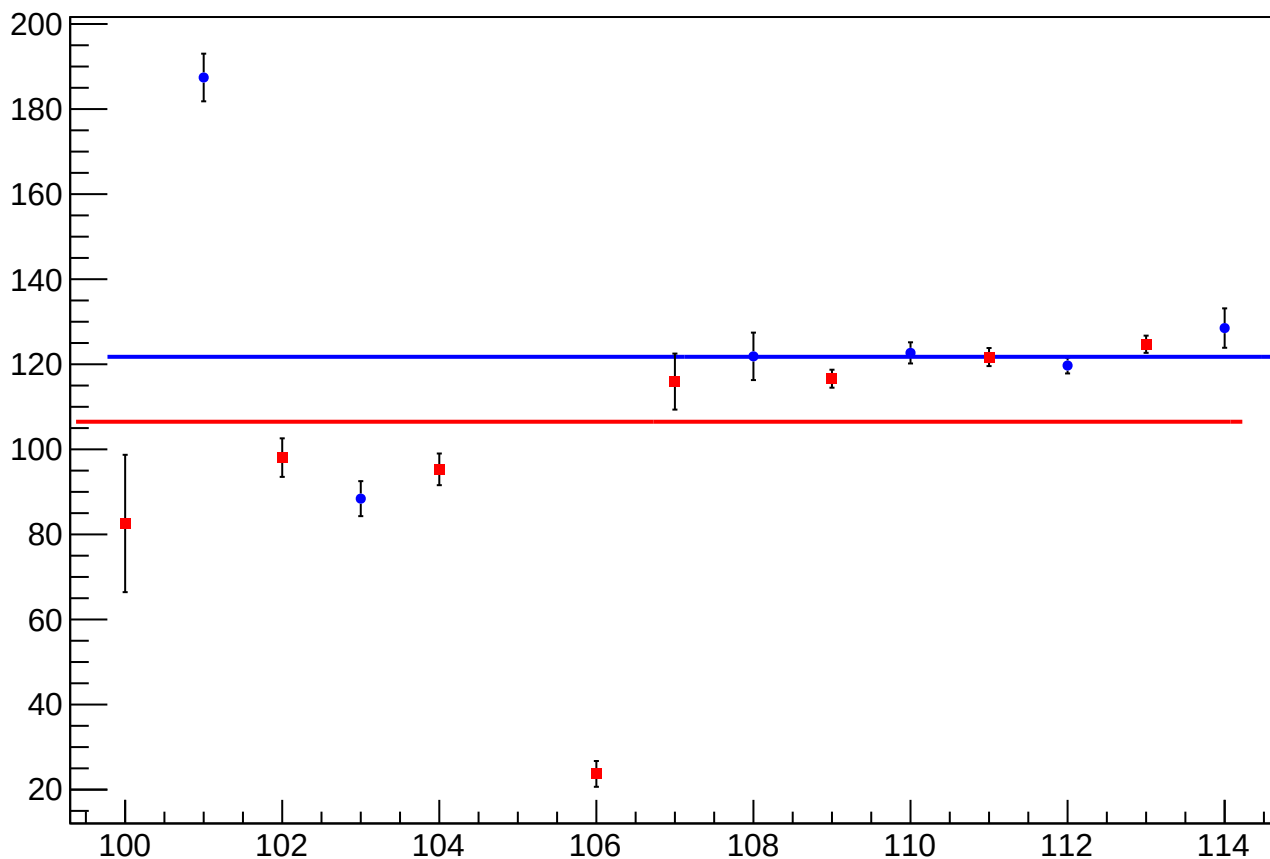
Right: -84.559+/-0.068 χ^2/NDF : 671460.4/13

In: -133.167+/-0.133 χ^2/NDF : 33964.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.559+/-0.068 χ^2/NDF : 671460.4/13

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 121.756+/-1.270 χ^2/NDF : 206.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.492+/-1.028 χ^2/NDF : 917.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

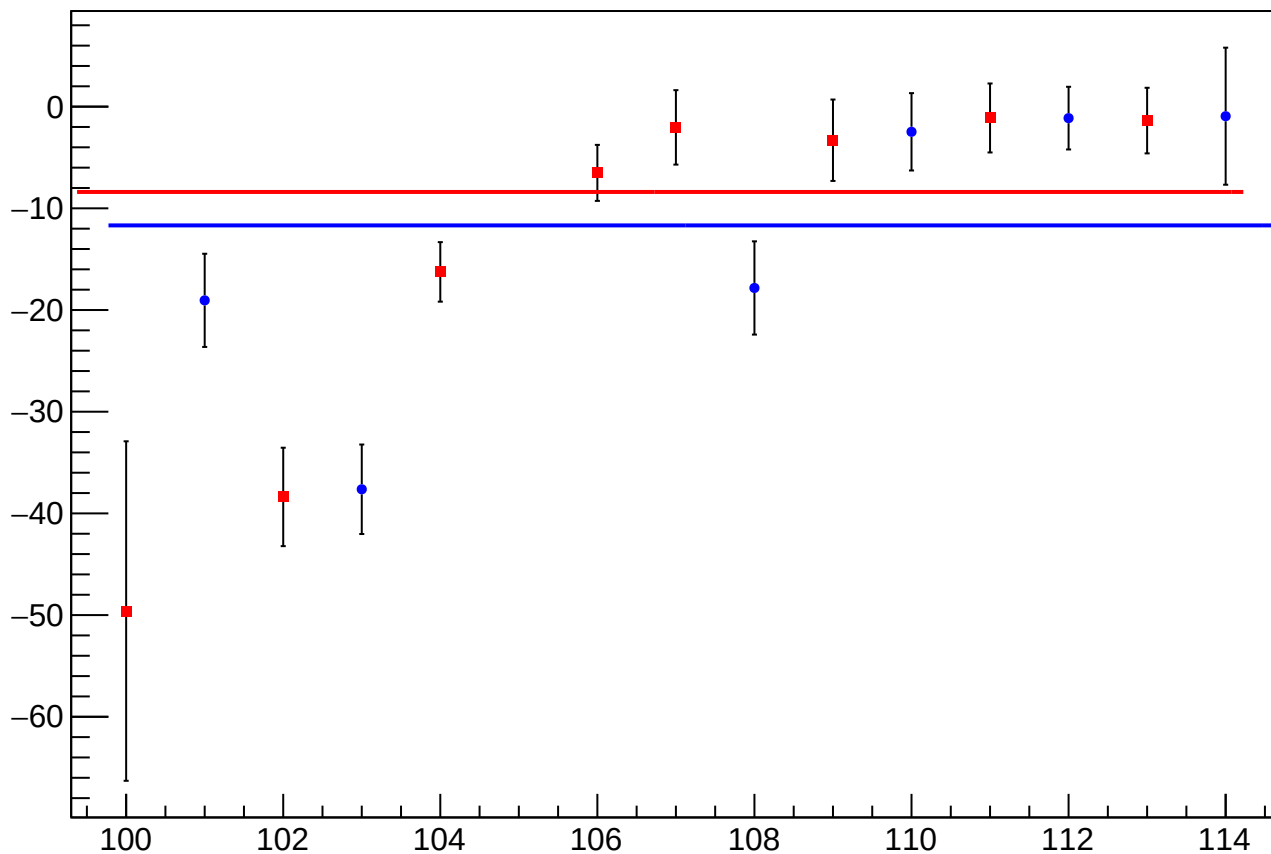
Right: 112.530+/-0.799 χ^2/NDF : 1211.5/13

In: 121.756+/-1.270 χ^2/NDF : 206.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.530+/-0.799 χ^2/NDF : 1211.5/13

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

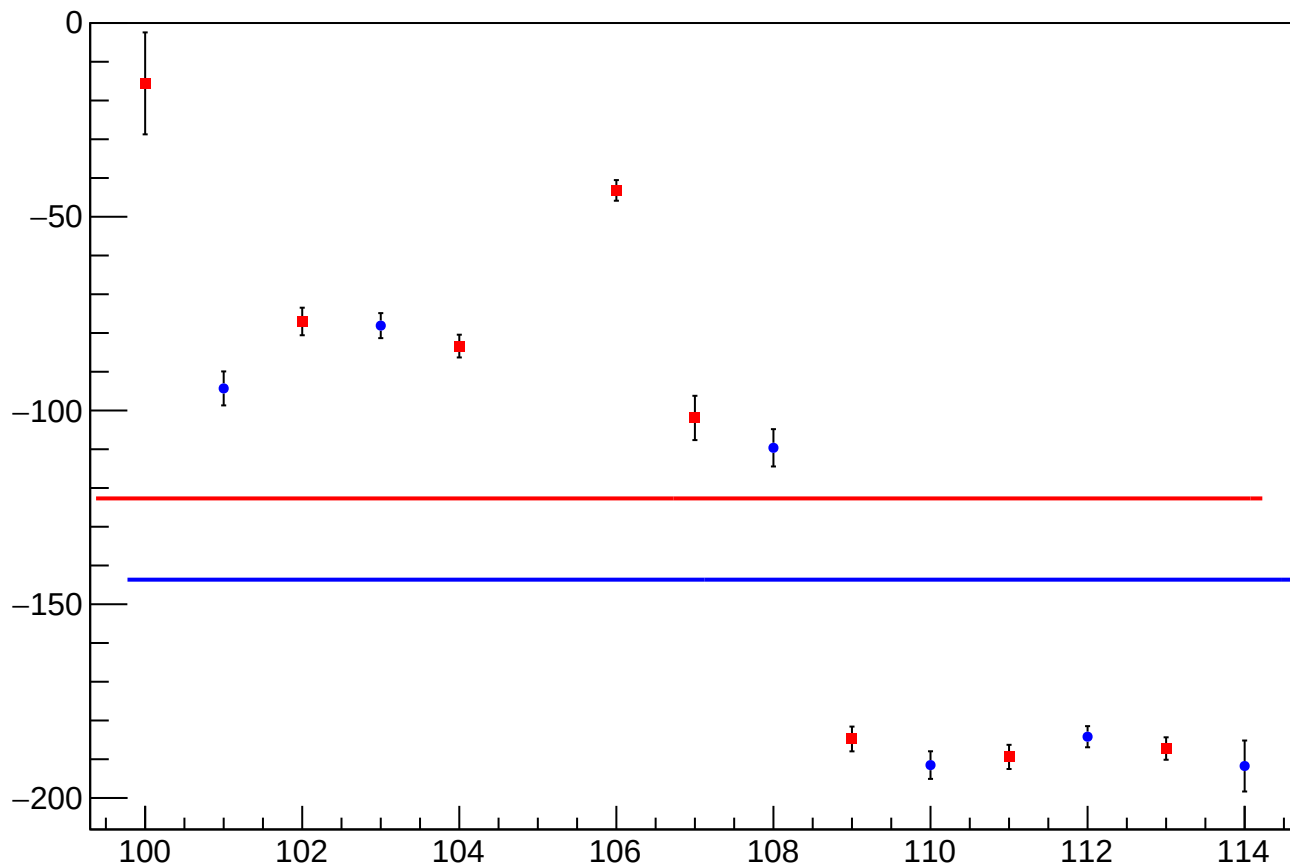
Right: -9.568+/-1.022 χ^2/NDF : 127.8/13

In: -11.679+/-1.707 χ^2/NDF : 59.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.568+/-1.022 χ^2/NDF : 127.8/13

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

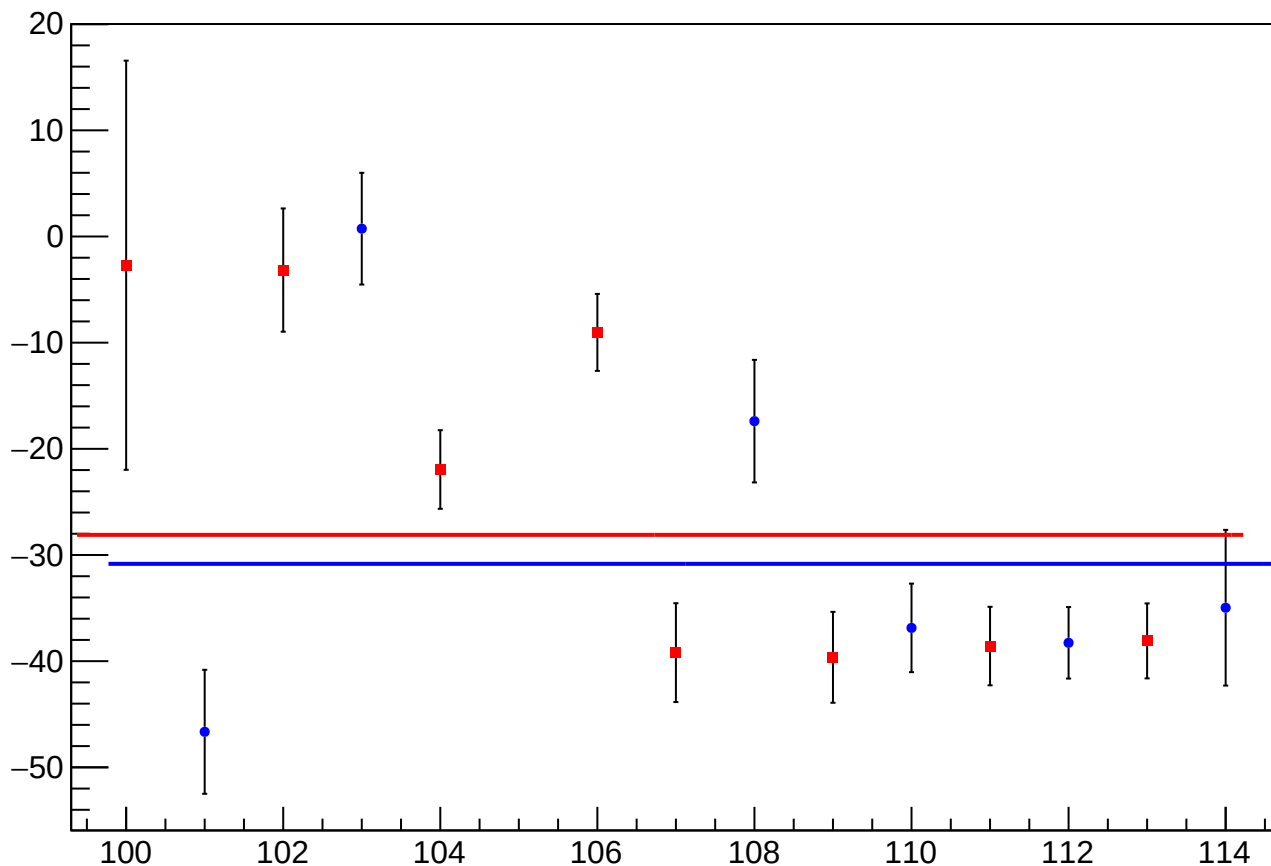
Right: -130.693+/-0.945 χ^2/NDF : 3805.2/13

In: -143.659+/-1.530 χ^2/NDF : 1043.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.693+/-0.945 χ^2/NDF : 3805.2/13

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

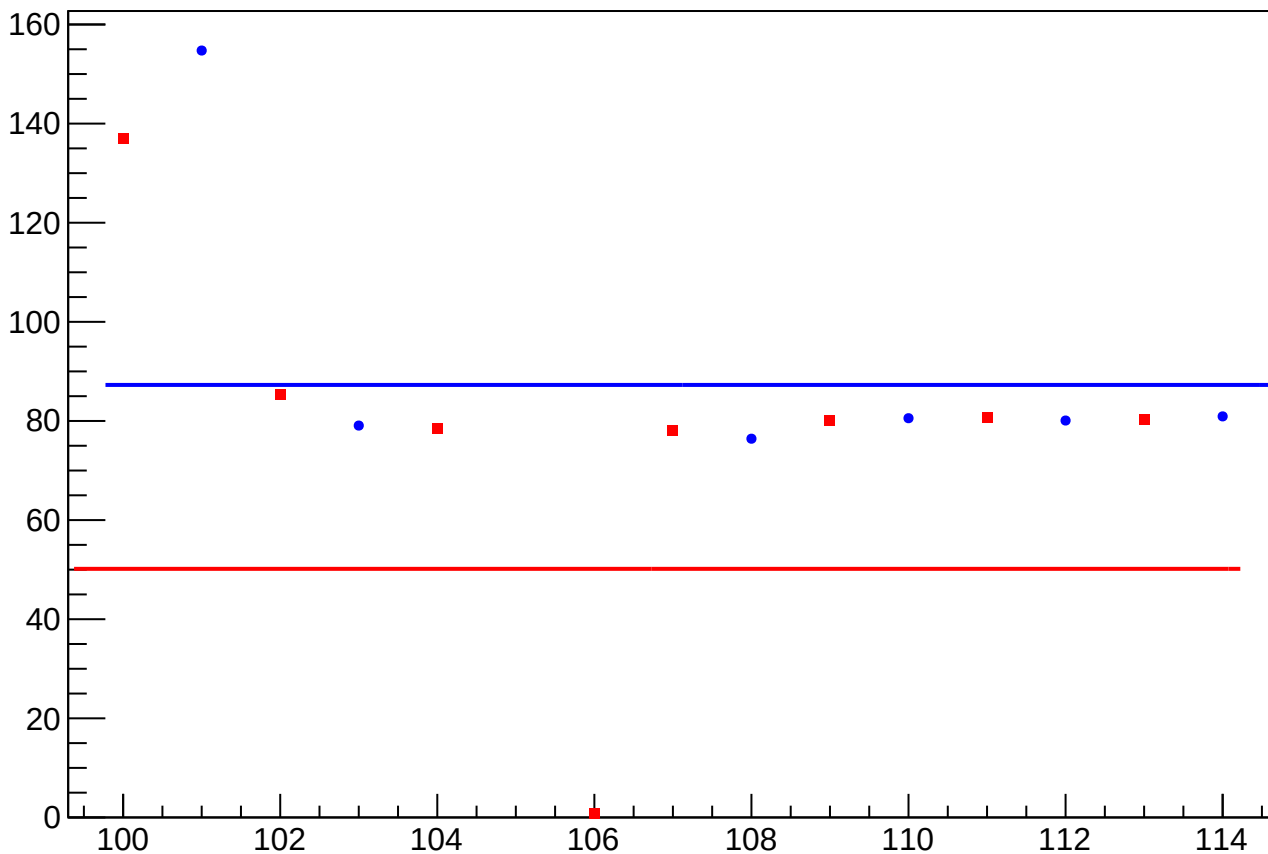
Right: -29.124 ± 1.199 $\chi^2/\text{NDF}: 136.9/13$

In: -30.833 ± 1.962 $\chi^2/\text{NDF}: 56.1/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.124 ± 1.199 $\chi^2/\text{NDF}: 136.9/13$

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 87.272+/-0.087 χ^2/NDF : 74843.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.164+/-0.060 χ^2/NDF : 436256.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

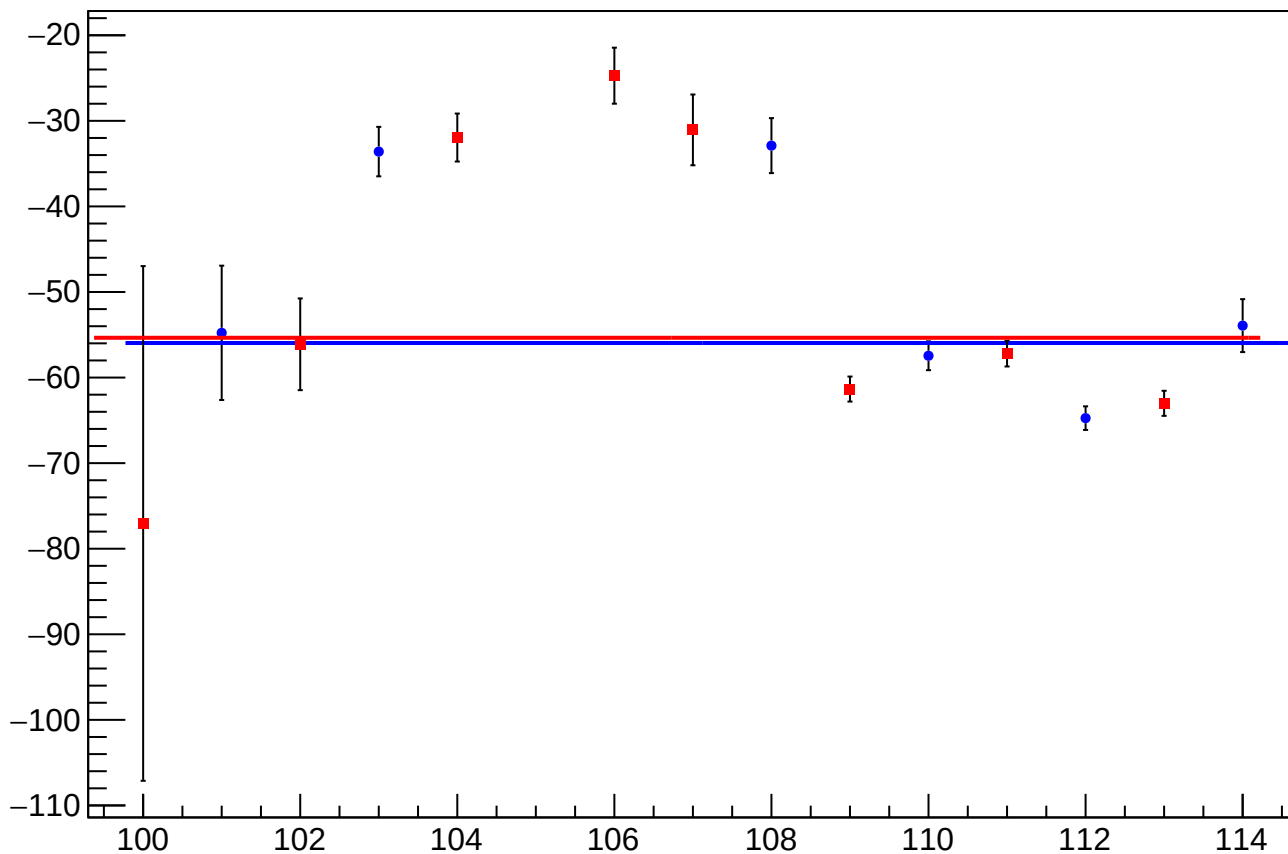
Right: 62.152+/-0.049 χ^2/NDF : 634089.1/13

In: 87.272+/-0.087 χ^2/NDF : 74843.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.152+/-0.049 χ^2/NDF : 634089.1/13

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

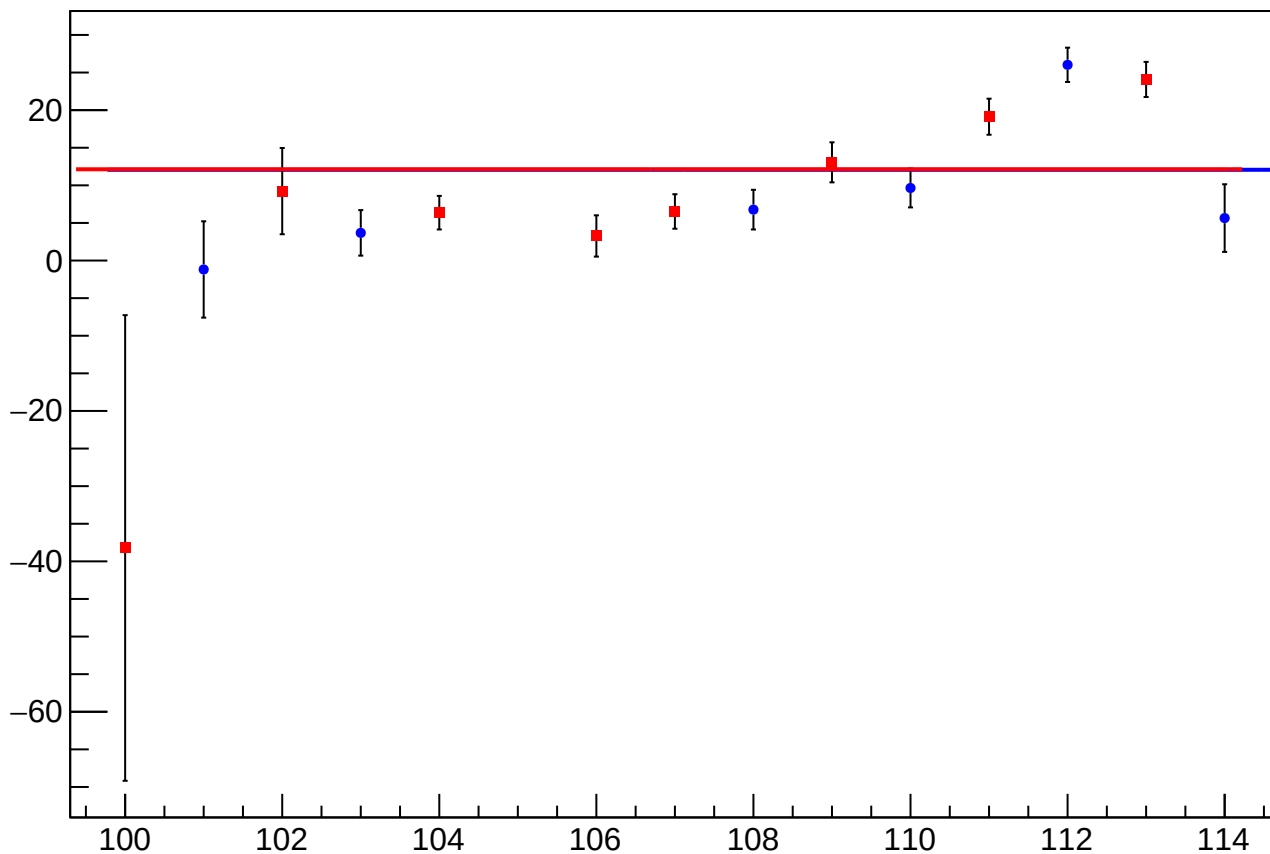
Right: -55.605 $\pm$ 0.586 χ^2 /NDF: 391.5/13

In: -55.960 $\pm$ 0.907 χ^2 /NDF:153.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.605 $\pm$ 0.586 χ^2 /NDF: 391.5/13

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.069+/-1.223 χ^2/NDF : 56.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.136+/-0.974 χ^2/NDF : 60.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

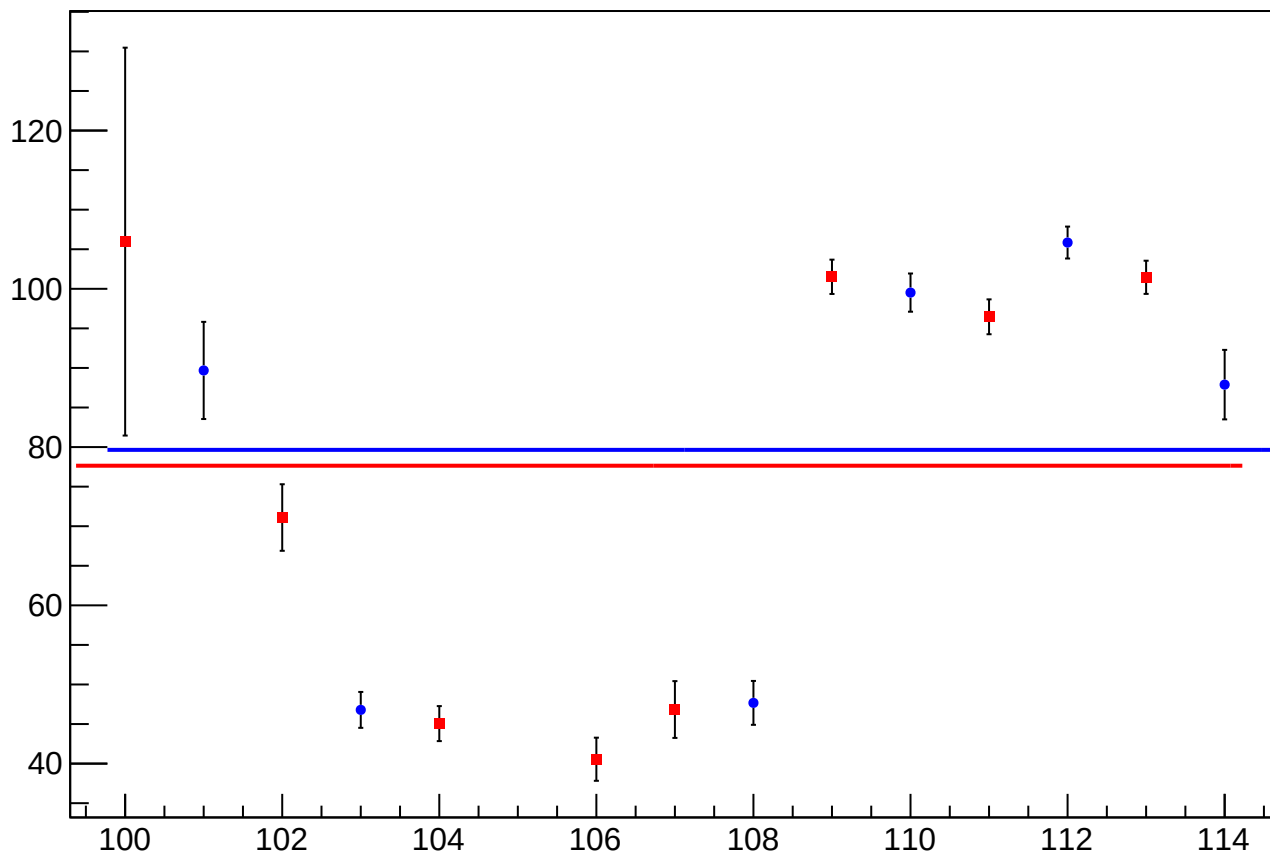
Right: 12.110+/-0.762 χ^2/NDF : 117.1/13

In: 12.069+/-1.223 χ^2/NDF : 56.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.110+/-0.762 χ^2/NDF : 117.1/13

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 79.648+/-1.104 χ^2 /NDF: 585.3/5

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 77.645+/-0.944 χ^2 /NDF: 803.0/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

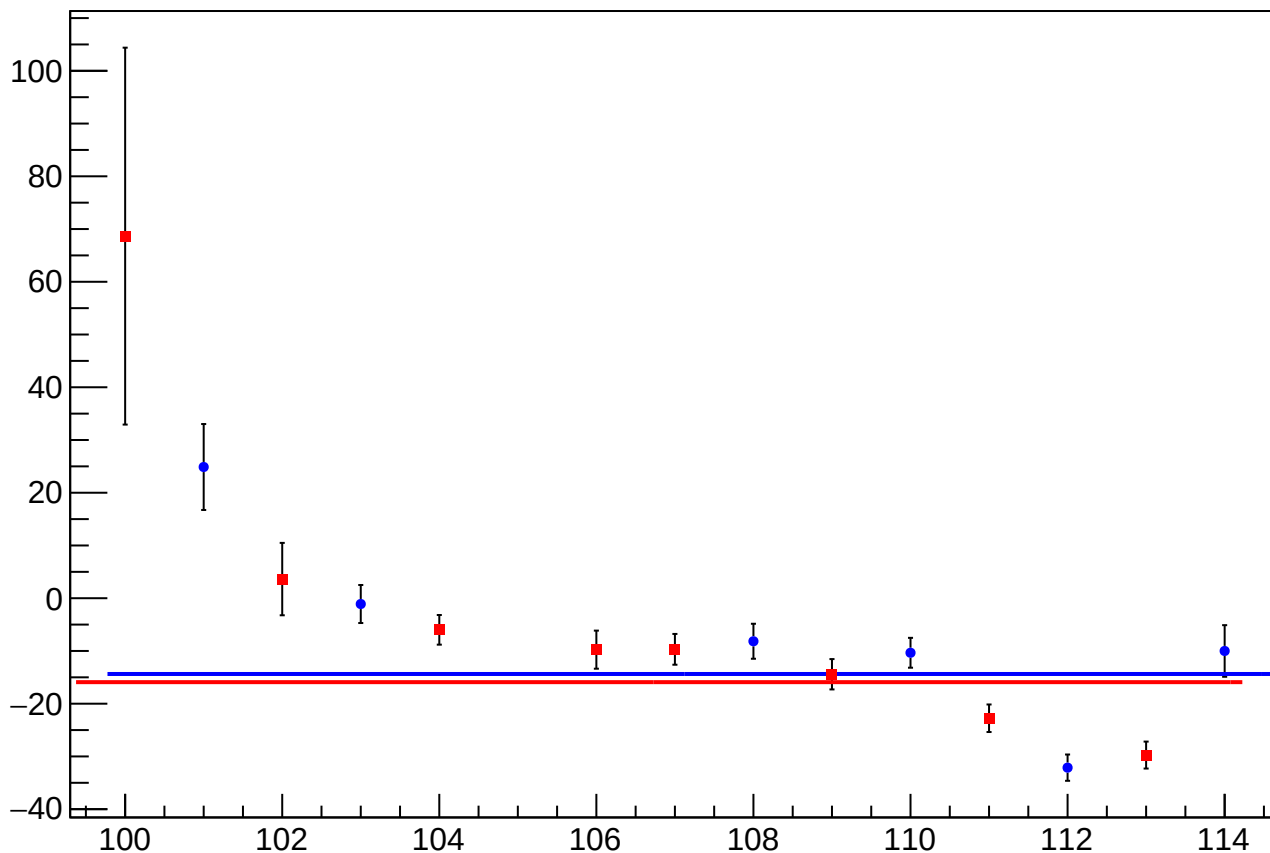
Right: 78.491+/-0.718 χ^2 /NDF: 1390.2/13

In: 79.648+/-1.104 χ^2 /NDF: 585.3/5

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 78.491+/-0.718 χ^2 /NDF: 1390.2/13

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.366+/-1.400 χ^2/NDF : 93.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.915+/-1.145 χ^2/NDF : 70.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

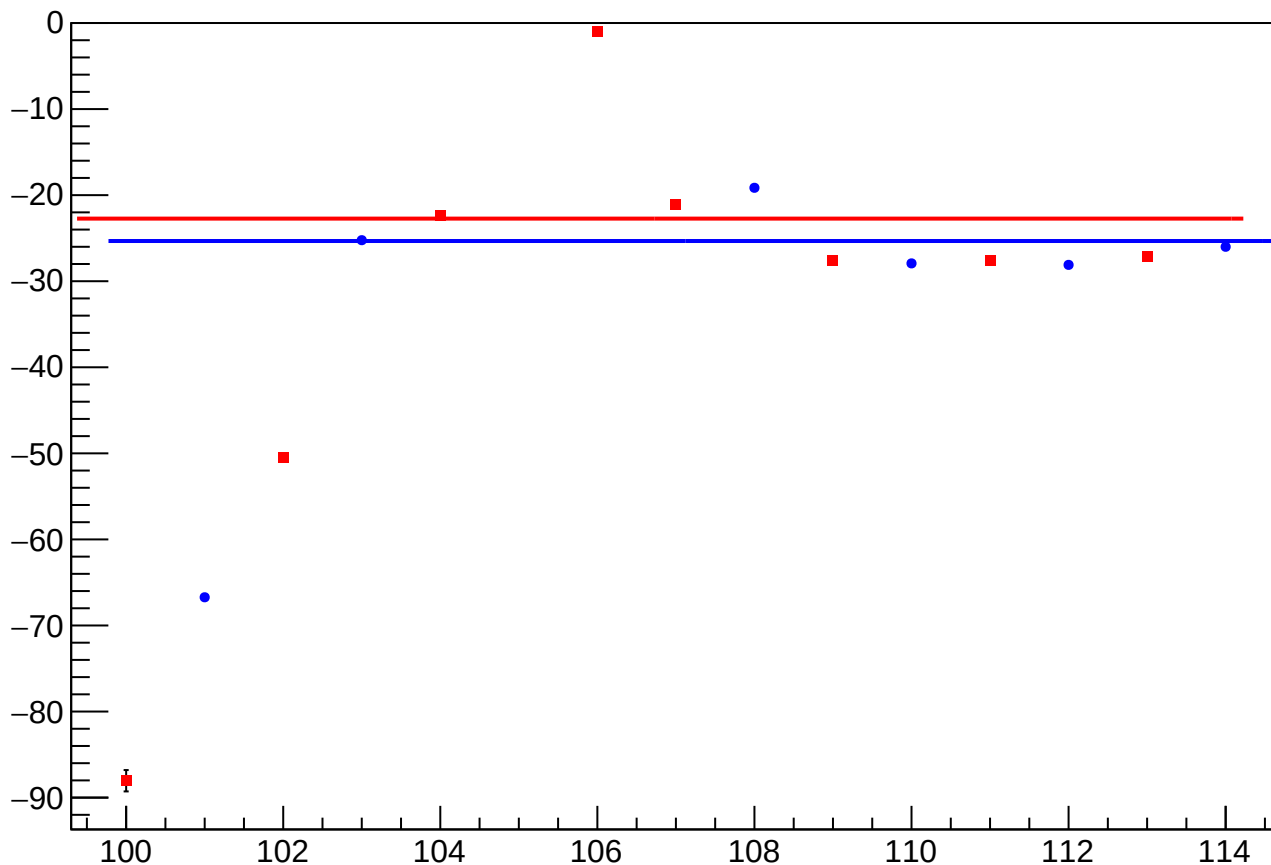
Right: -15.294+/-0.886 χ^2/NDF : 164.6/13

In: -14.366+/-1.400 χ^2/NDF : 93.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.294+/-0.886 χ^2/NDF : 164.6/13

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

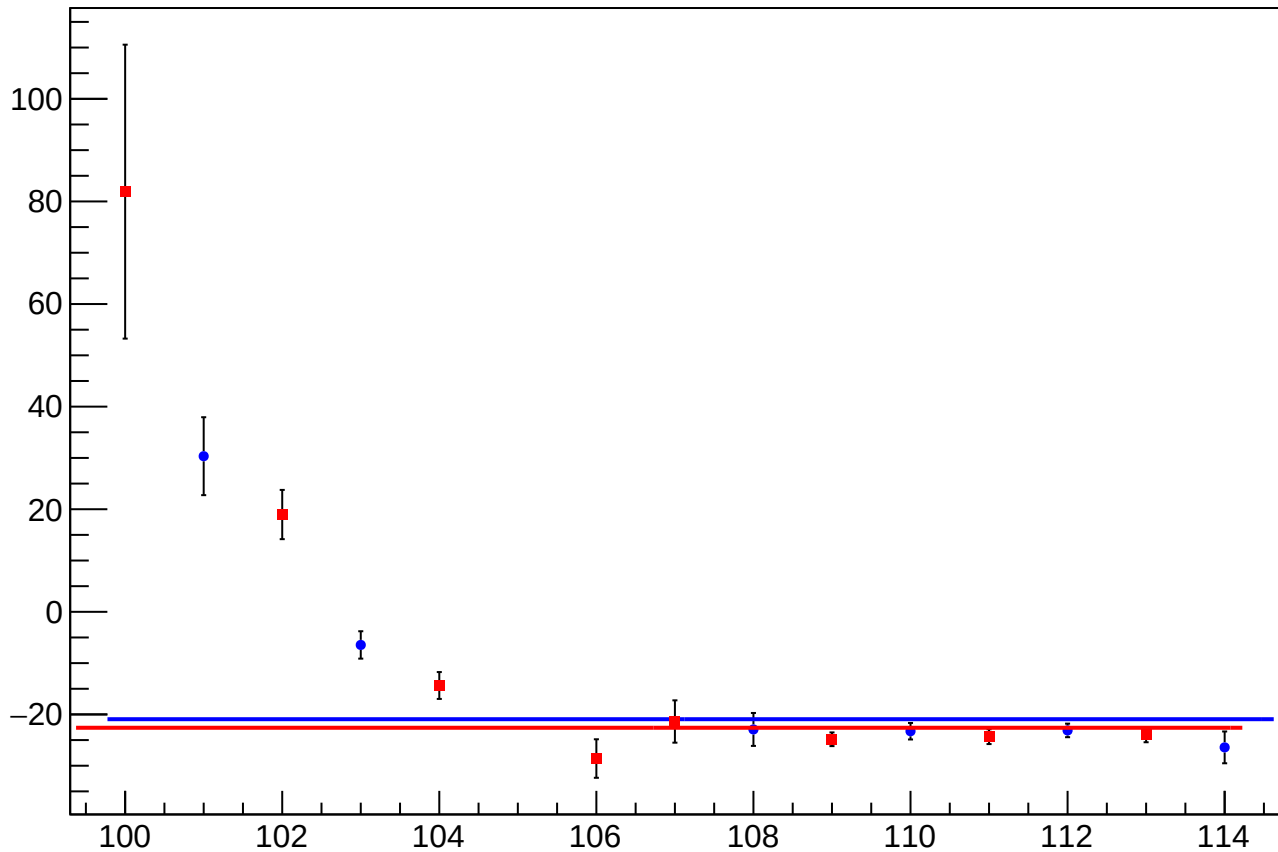
Right: -23.864 $\pm$ 0.040 χ^2 /NDF: 76565.7/13

In: -25.329 $\pm$ 0.061 χ^2 /NDF:16451.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.864 $\pm$ 0.040 χ^2 /NDF: 76565.7/13

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

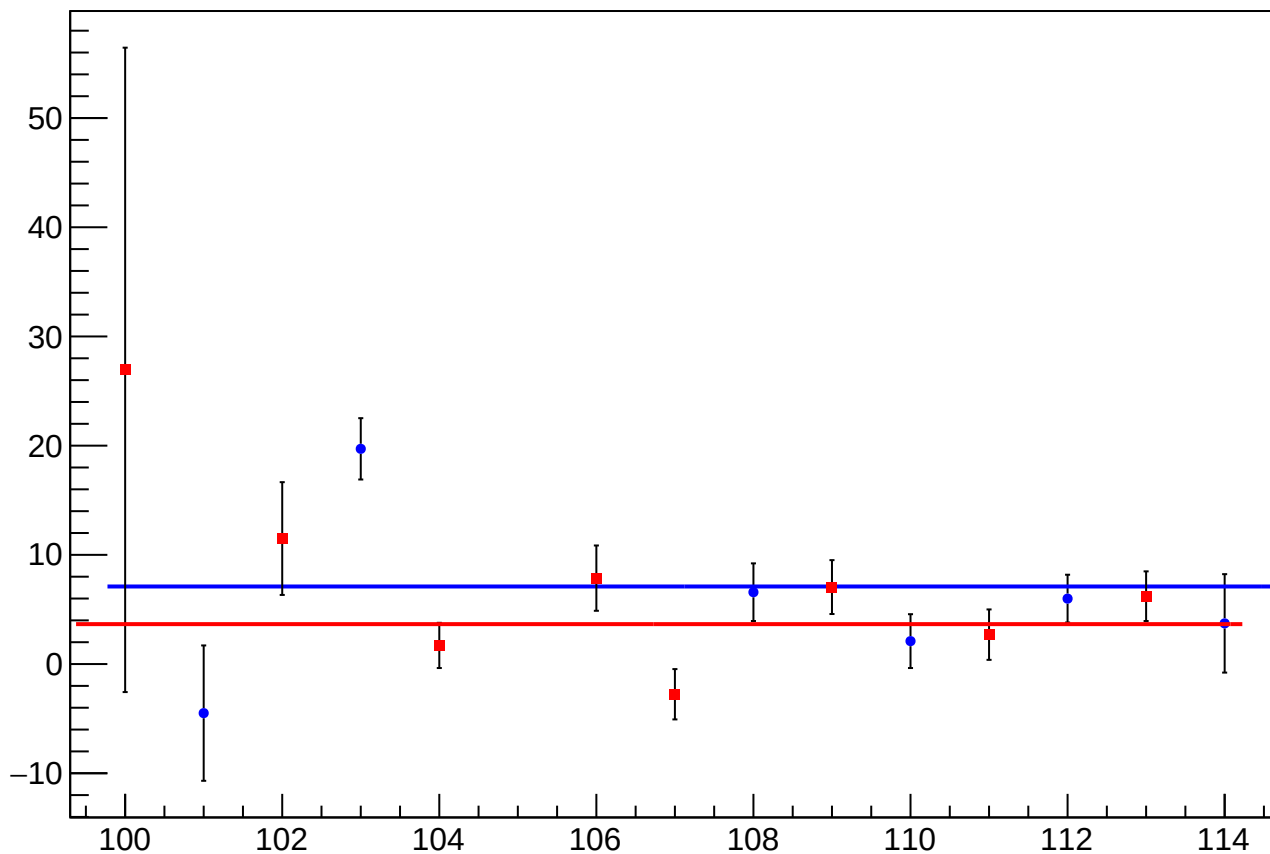
Right: -21.907 ± 0.562 χ^2/NDF : 191.5/13

In: -20.932 ± 0.872 χ^2/NDF : 83.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.907 ± 0.562 χ^2/NDF : 191.5/13

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.103+/-1.179 χ^2/NDF : 28.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.656+/-0.946 χ^2/NDF : 16.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

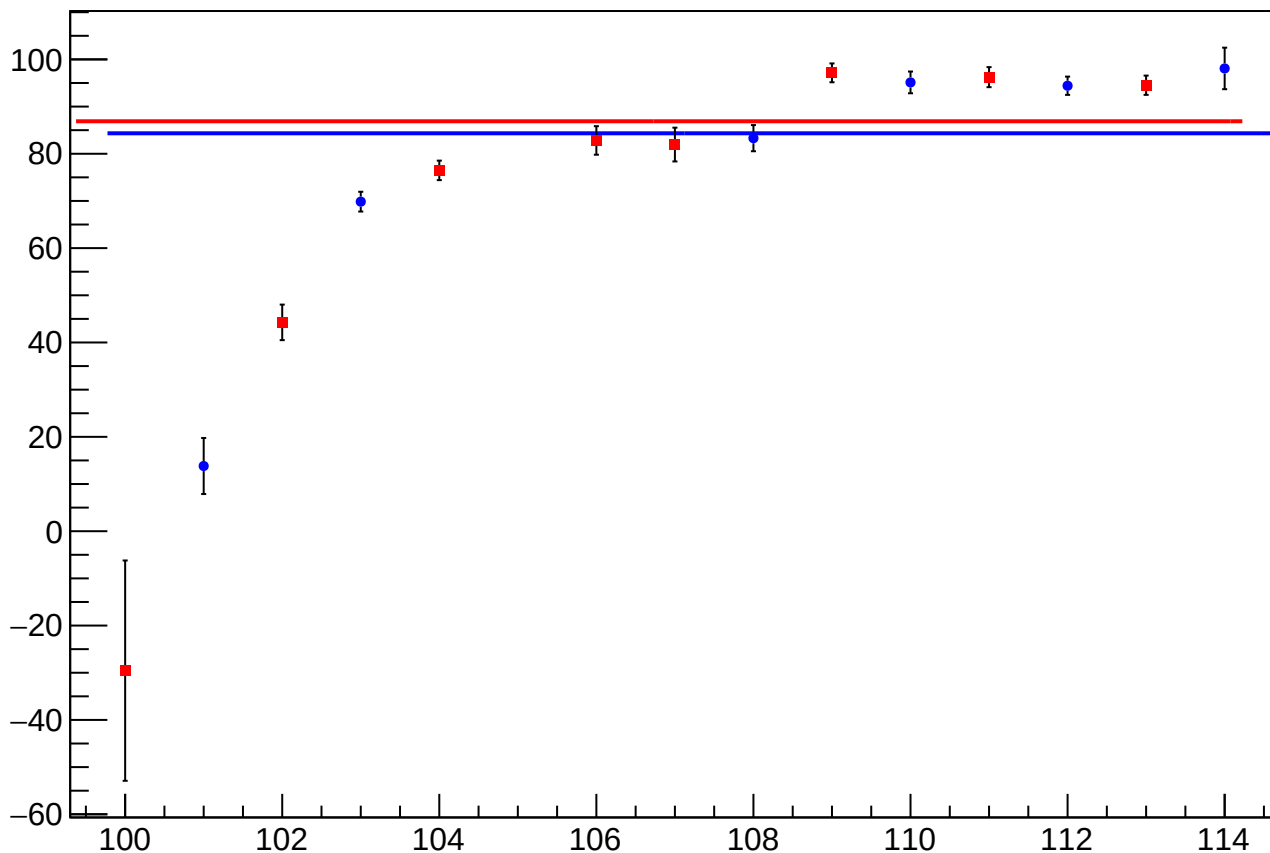
Right: 5.005+/-0.738 χ^2/NDF : 50.7/13

In: 7.103+/-1.179 χ^2/NDF : 28.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.005+/-0.738 χ^2/NDF : 50.7/13

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

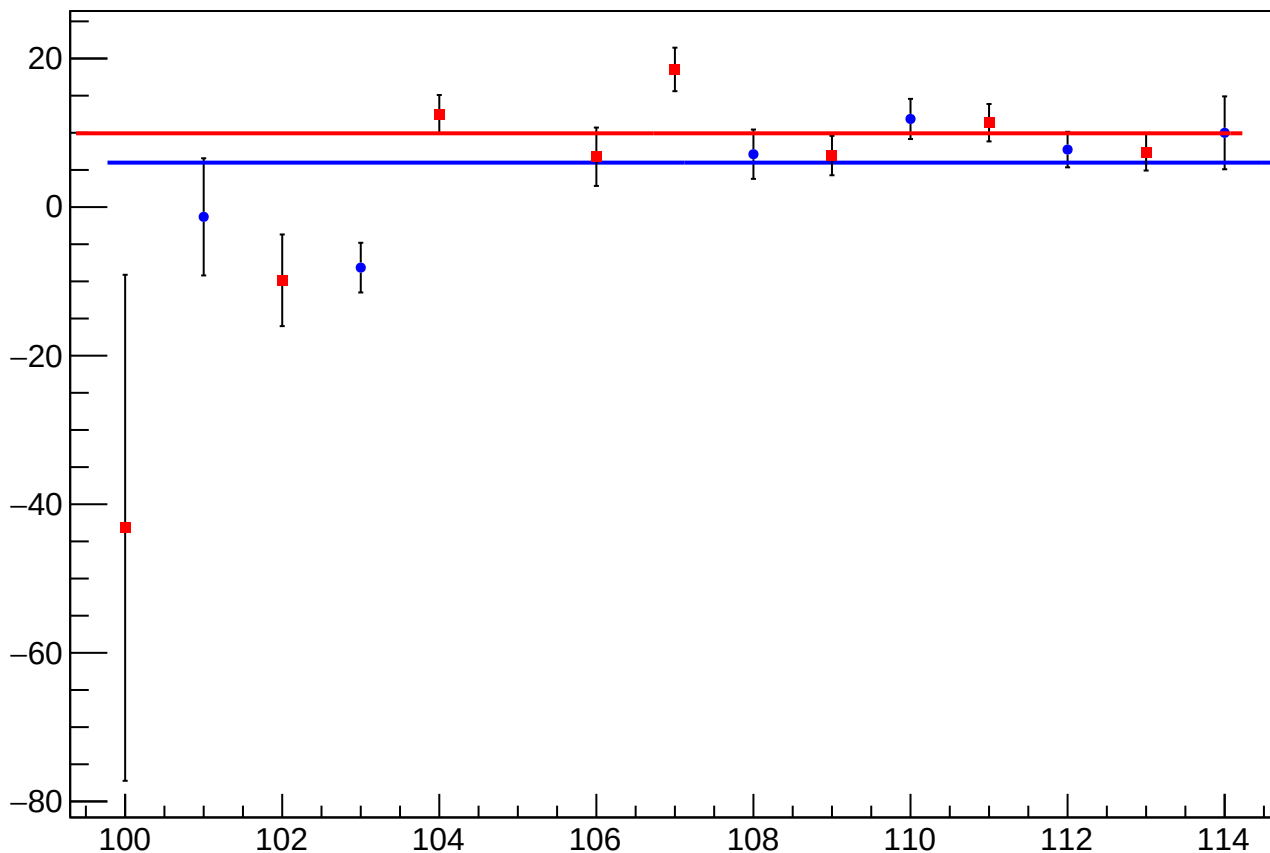
Right: 85.801+/-0.690 χ^2/NDF : 492.7/13

In: 84.336+/-1.059 χ^2/NDF :247.5/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 85.801+/-0.690 χ^2/NDF : 492.7/13

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.985+/-1.349 χ^2/NDF : 24.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.931+/-1.107 χ^2/NDF : 25.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

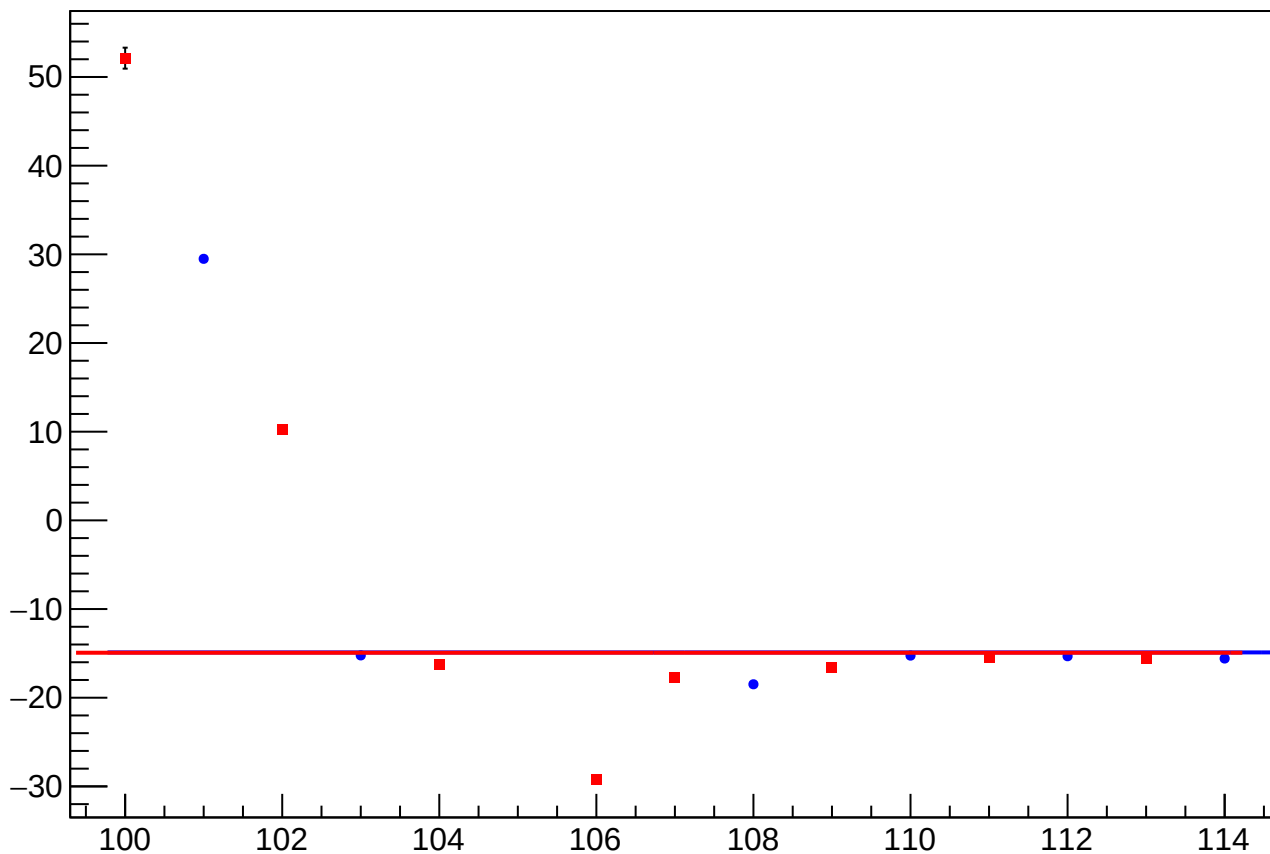
Right: 8.344+/-0.856 χ^2/NDF : 55.4/13

In: 5.985+/-1.349 χ^2/NDF : 24.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.344+/-0.856 χ^2/NDF : 55.4/13

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

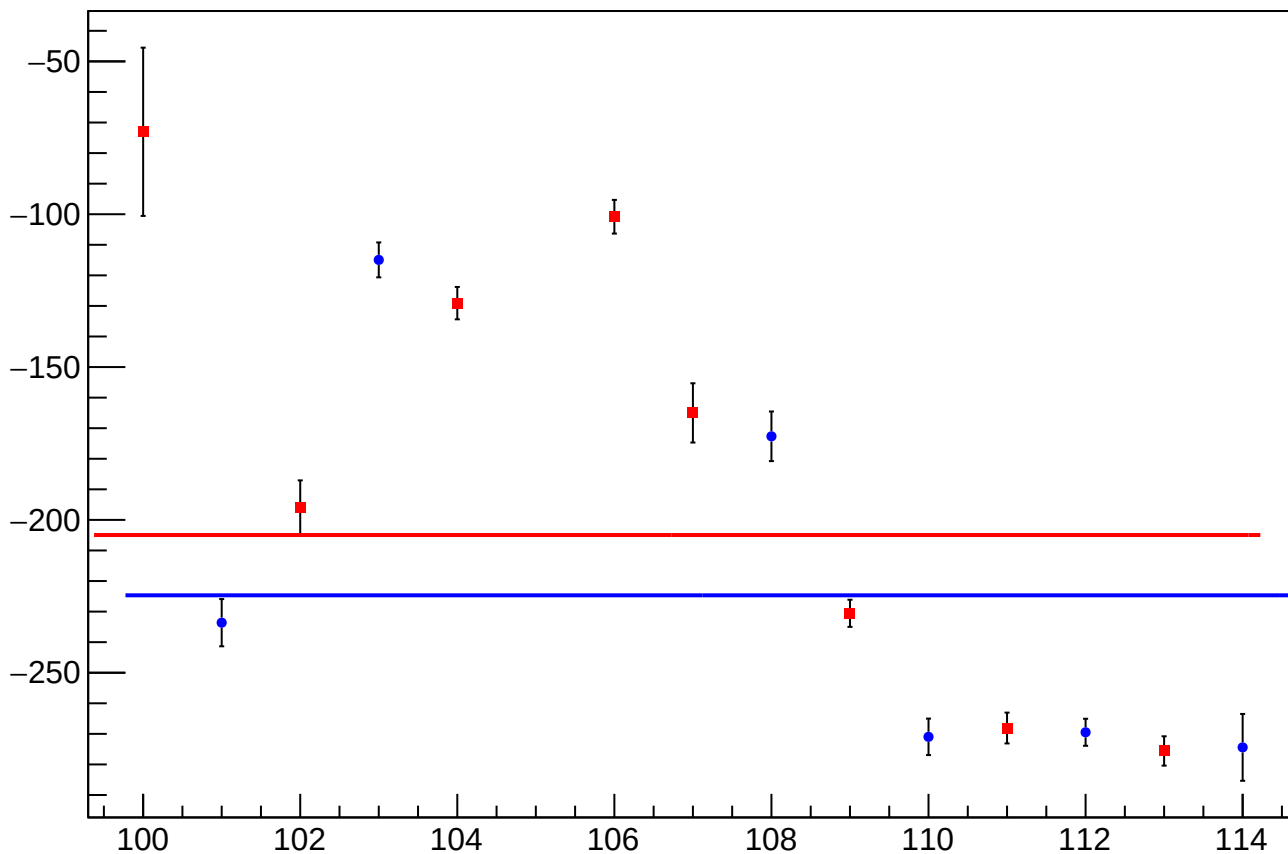
Right: -14.911 $\pm$ 0.039 χ^2 /NDF: 54803.8/13

In: -14.891 $\pm$ 0.058 χ^2 /NDF: 16978.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.911 $\pm$ 0.039 χ^2 /NDF: 54803.8/13

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

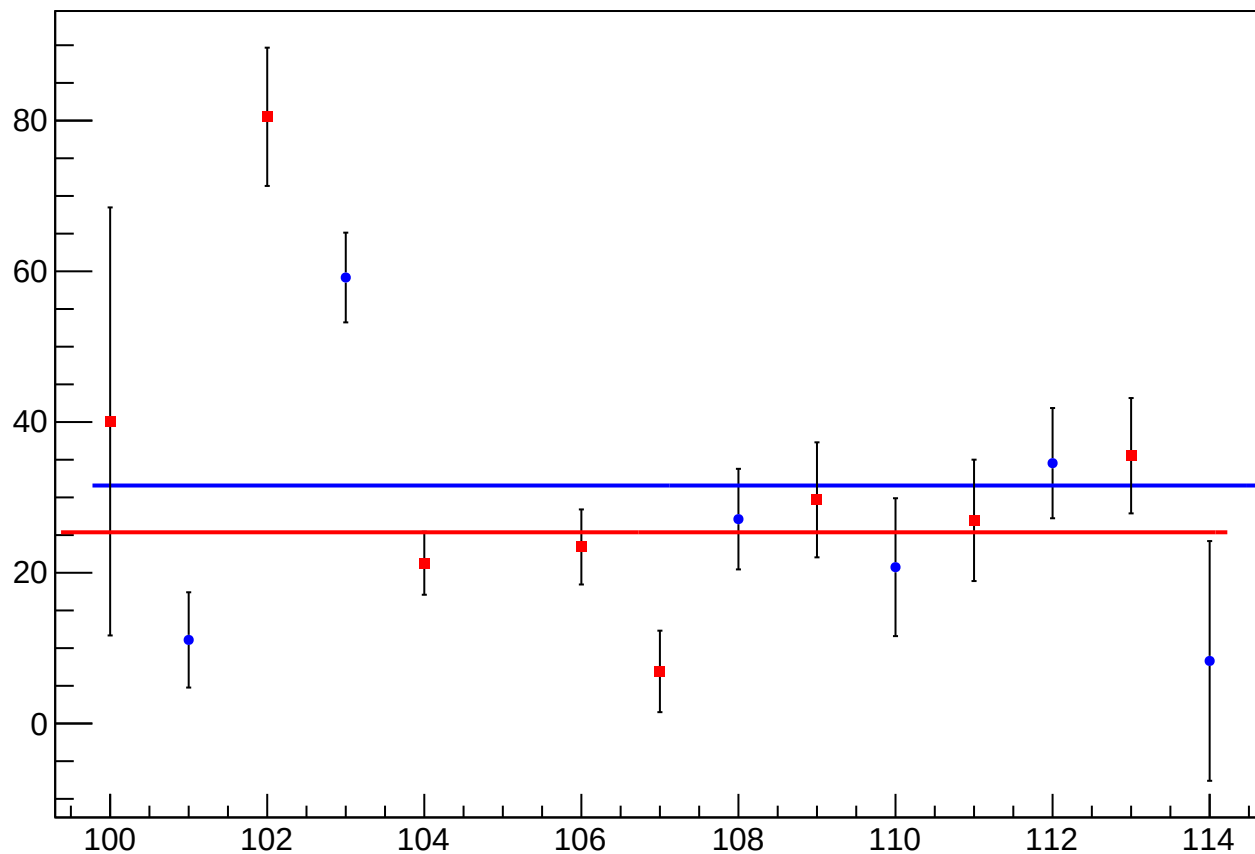
Right: -212.809+/-1.629 χ^2 /NDF: 1640.9/13

In: -224.671+/-2.580 χ^2 /NDF:595.4/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -212.809+/-1.629 χ^2 /NDF: 1640.9/13

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

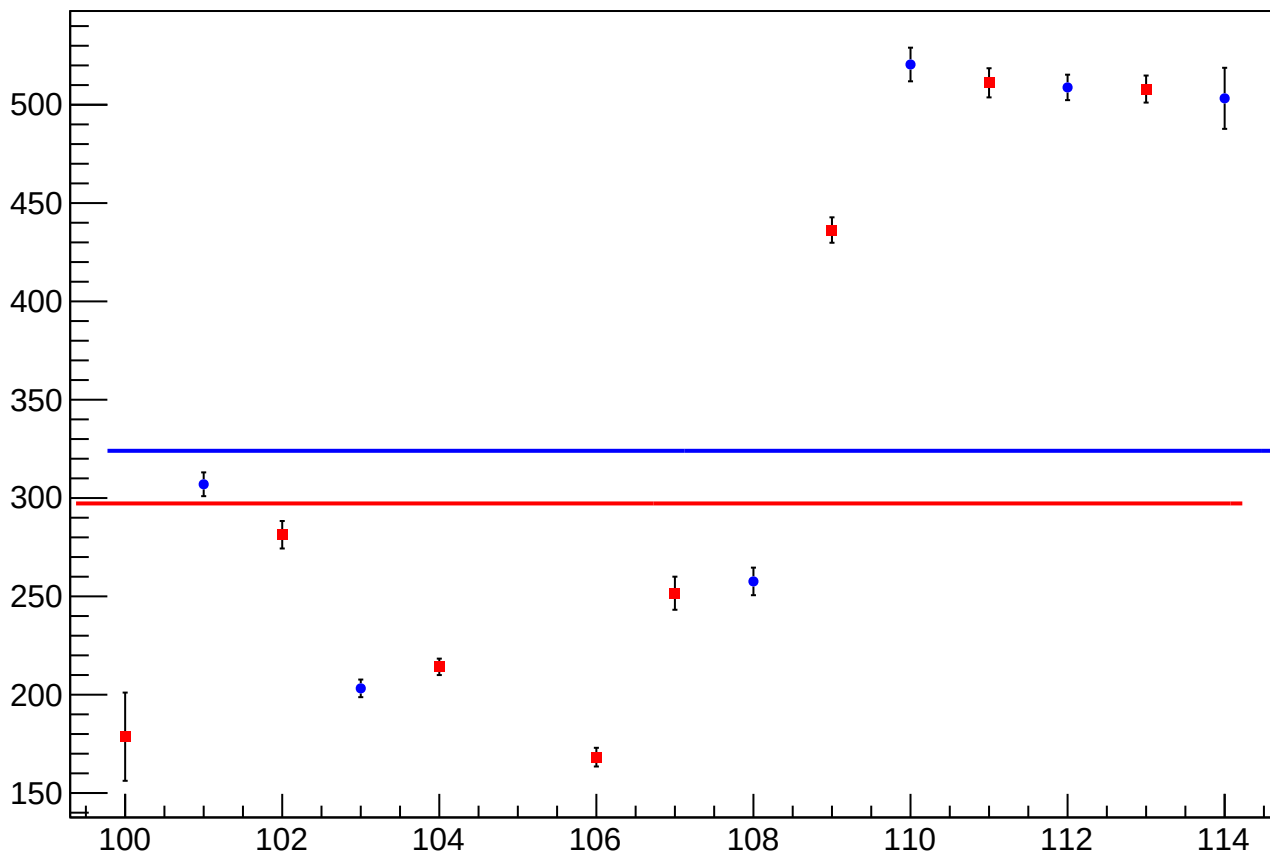
Right: 27.617 $\pm$ 1.811 χ^2 /NDF: 90.1/13

In: 31.578 $\pm$ 3.011 χ^2 /NDF:36.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.617 $\pm$ 1.811 χ^2 /NDF: 90.1/13

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

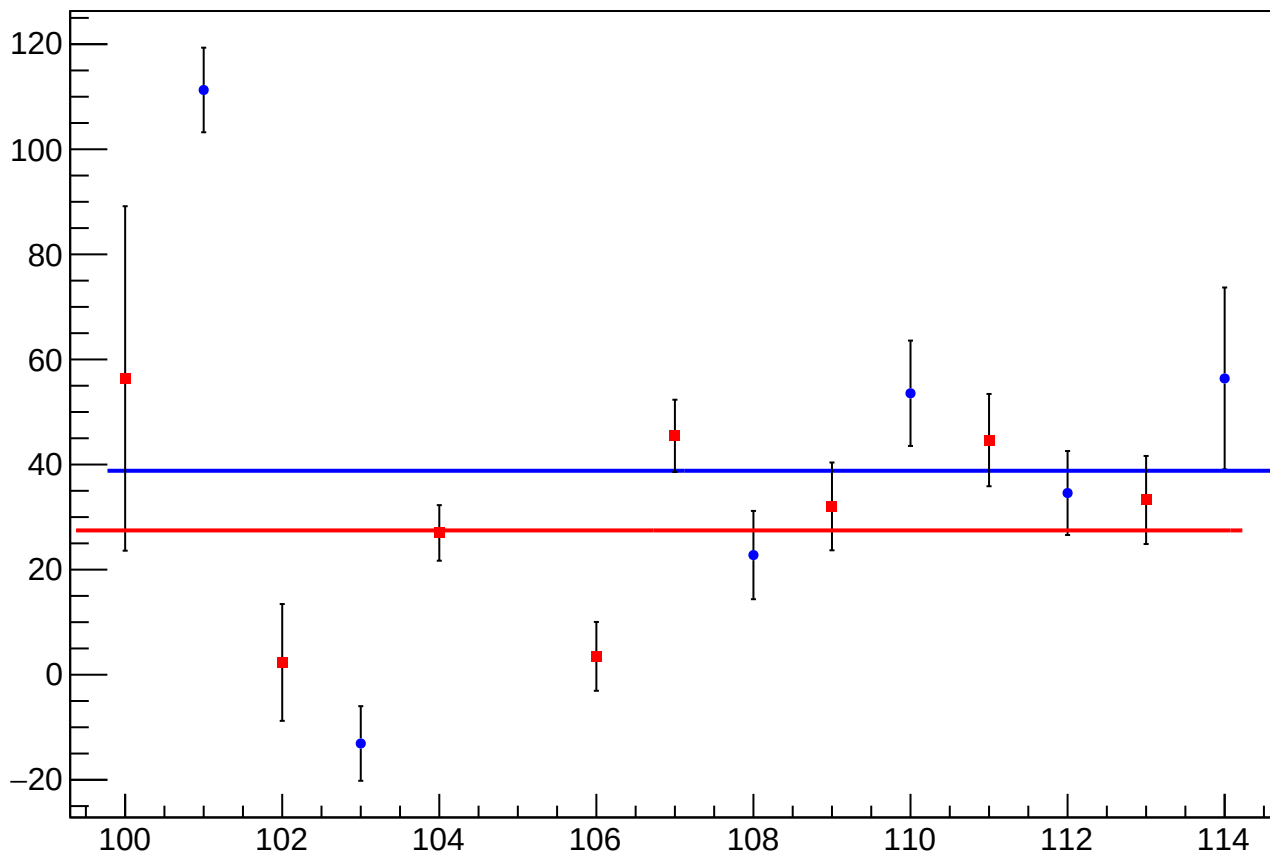
Right: 308.190+/-1.713 χ^2/NDF : 5788.7/13

In: 324.021+/-2.680 χ^2/NDF :2299.7/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 308.190+/-1.713 χ^2/NDF : 5788.7/13

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.816+/-3.572 χ^2/NDF : 141.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.463+/-2.765 χ^2/NDF : 30.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

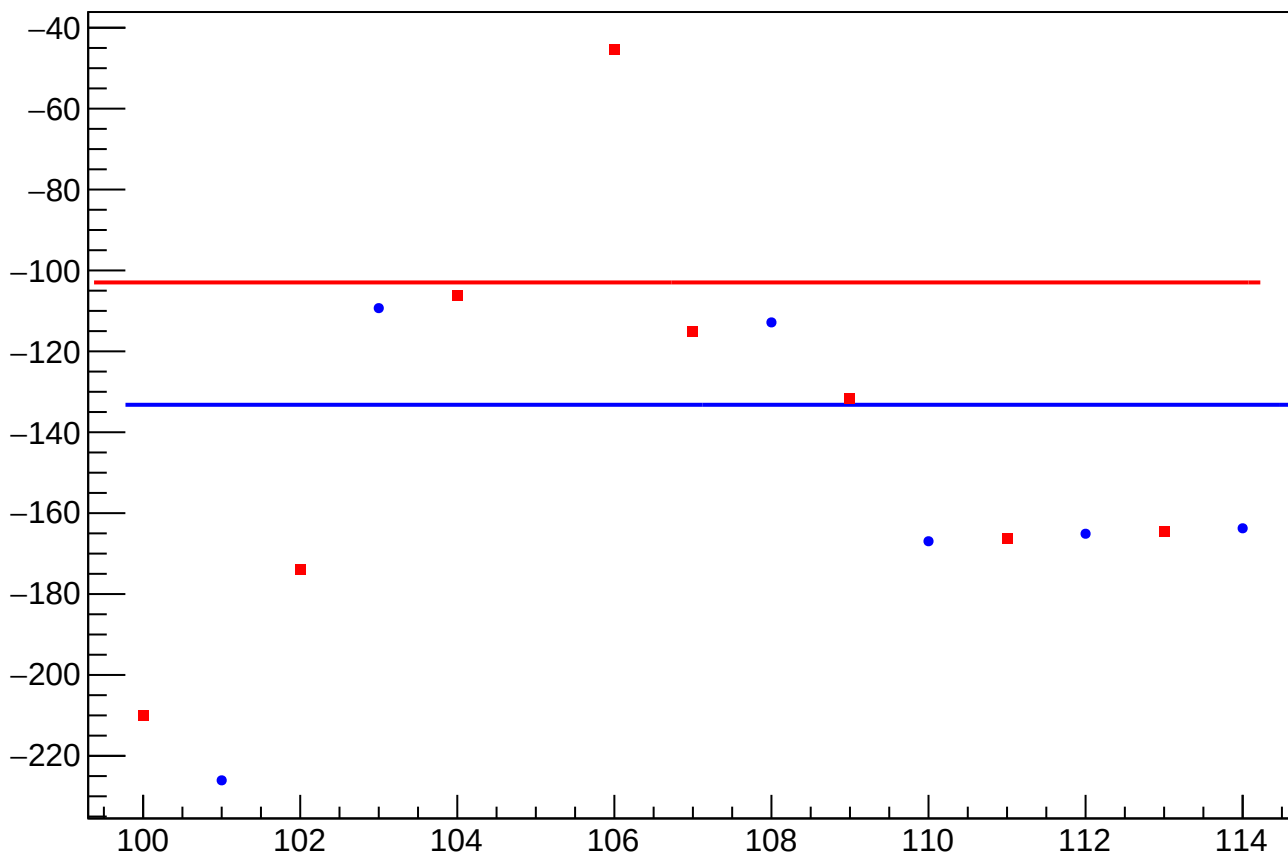
Right: 31.717+/-2.187 χ^2/NDF : 178.6/13

In: 38.816+/-3.572 χ^2/NDF : 141.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.717+/-2.187 χ^2/NDF : 178.6/13

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -133.211+/-0.135 χ^2/NDF : 94385.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.965+/-0.109 χ^2/NDF : 188103.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

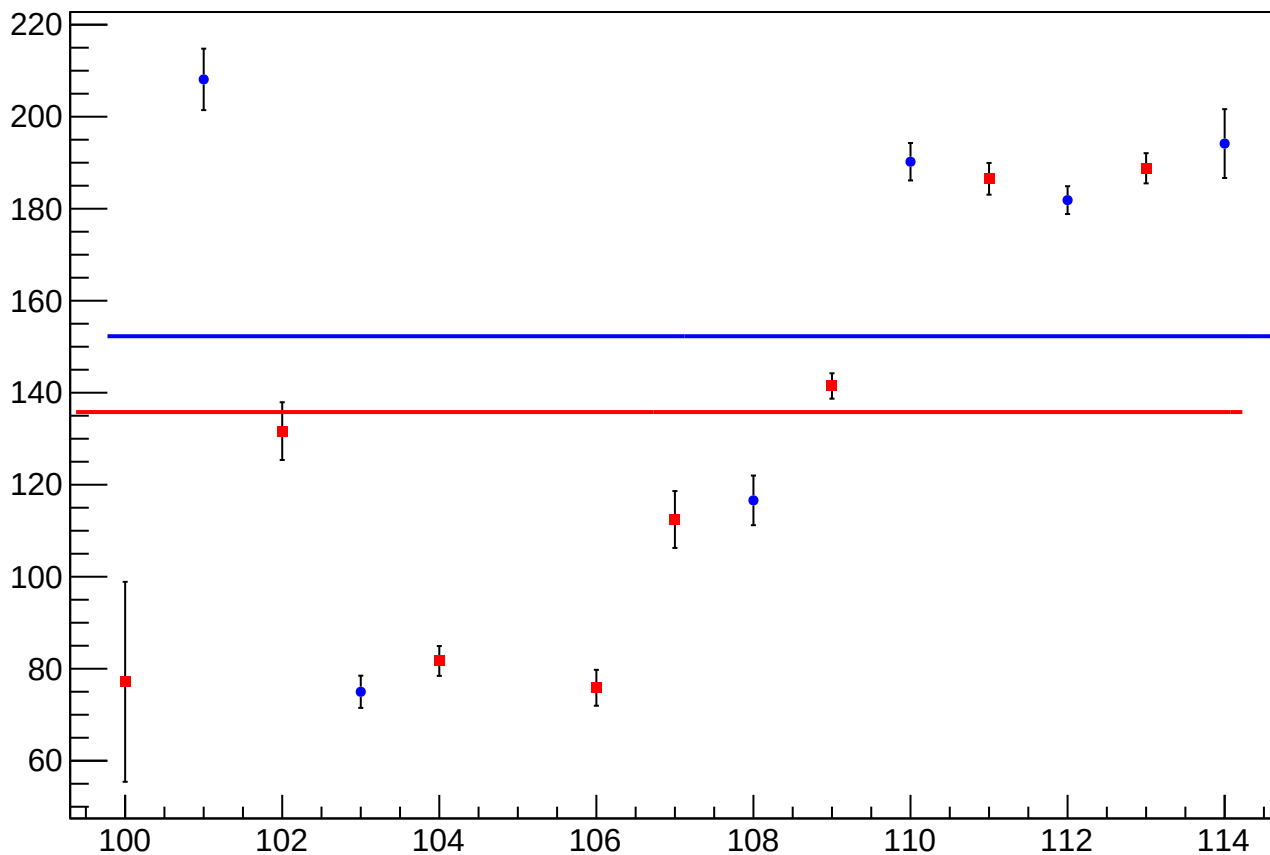
Right: -114.837+/-0.085 χ^2/NDF : 312951.4/13

In: -133.211+/-0.135 χ^2/NDF : 94385.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.837+/-0.085 χ^2/NDF : 312951.4/13

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 152.281+/-1.752 χ^2/NDF : 814.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.797+/-1.384 χ^2/NDF : 1017.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

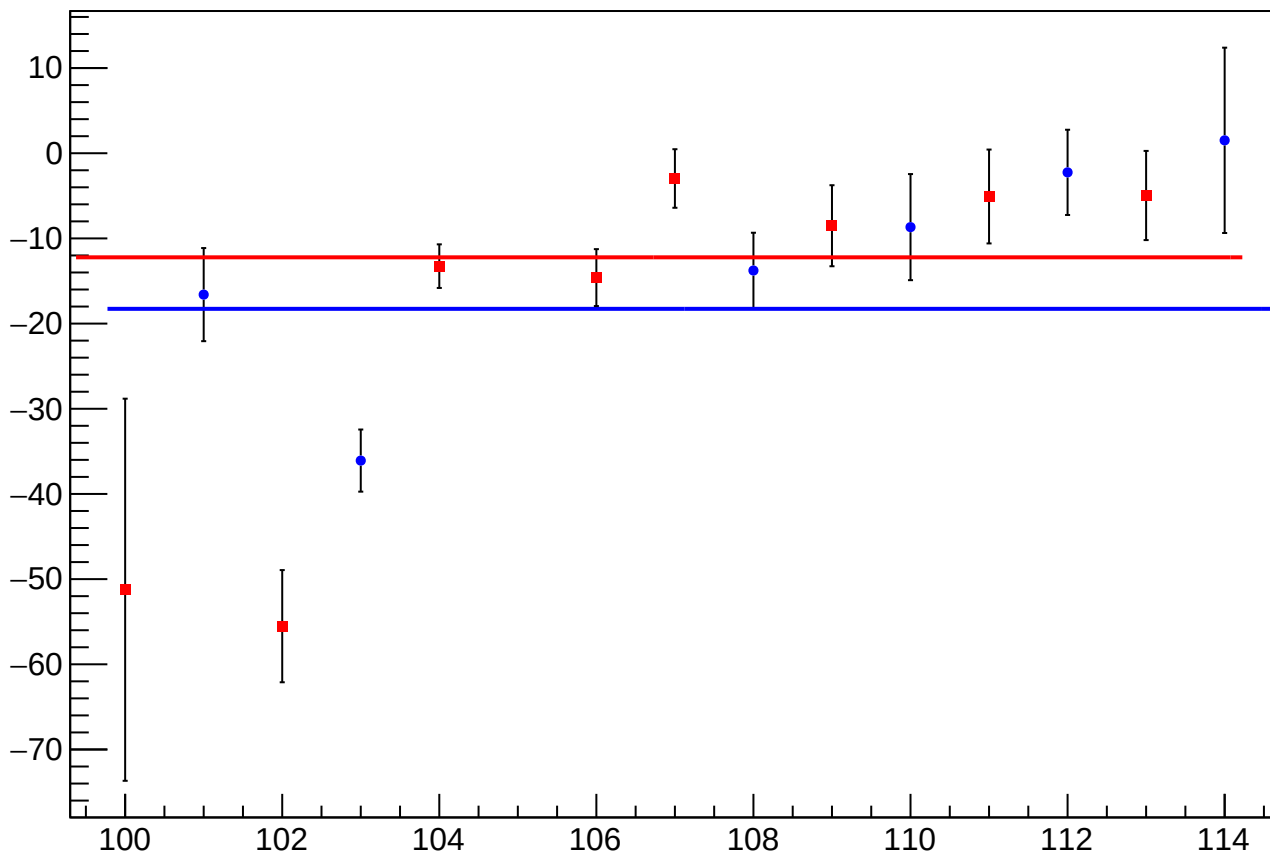
Right: 142.130+/-1.086 χ^2/NDF : 1886.8/13

In: 152.281+/-1.752 χ^2/NDF : 814.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.130+/-1.086 χ^2/NDF : 1886.8/13

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.268+/-2.069 χ^2/NDF : 40.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.220+/-1.466 χ^2/NDF : 58.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

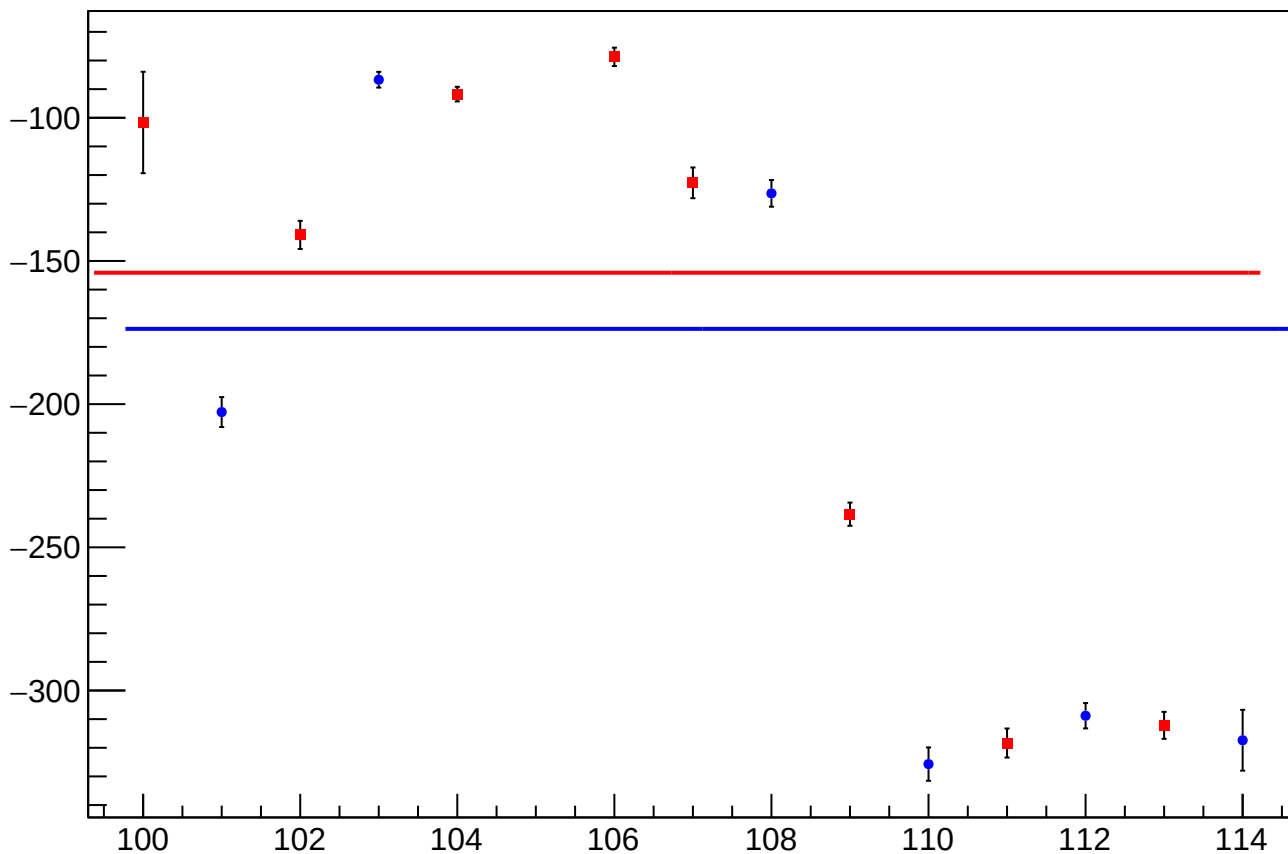
Right: -14.242+/-1.196 χ^2/NDF : 105.0/13

In: -18.268+/-2.069 χ^2/NDF : 40.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.242+/-1.196 χ^2/NDF : 105.0/13

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

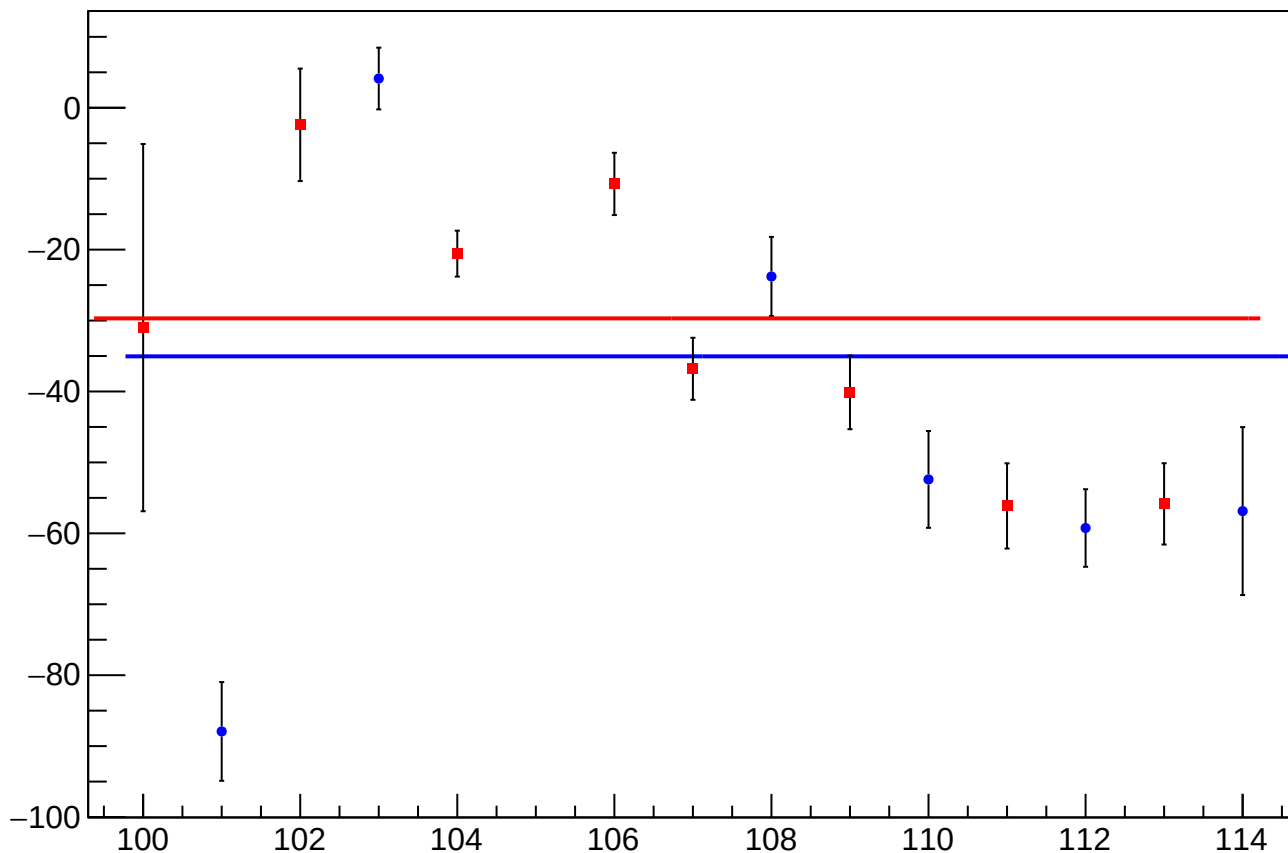
Right: -161.771+/-1.133 χ^2/NDF : 6809.8/13

In: -173.708+/-1.813 χ^2/NDF : 2929.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.771+/-1.133 χ^2/NDF : 6809.8/13

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.046+/-2.443 χ^2/NDF : 172.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.693+/-1.789 χ^2/NDF : 85.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

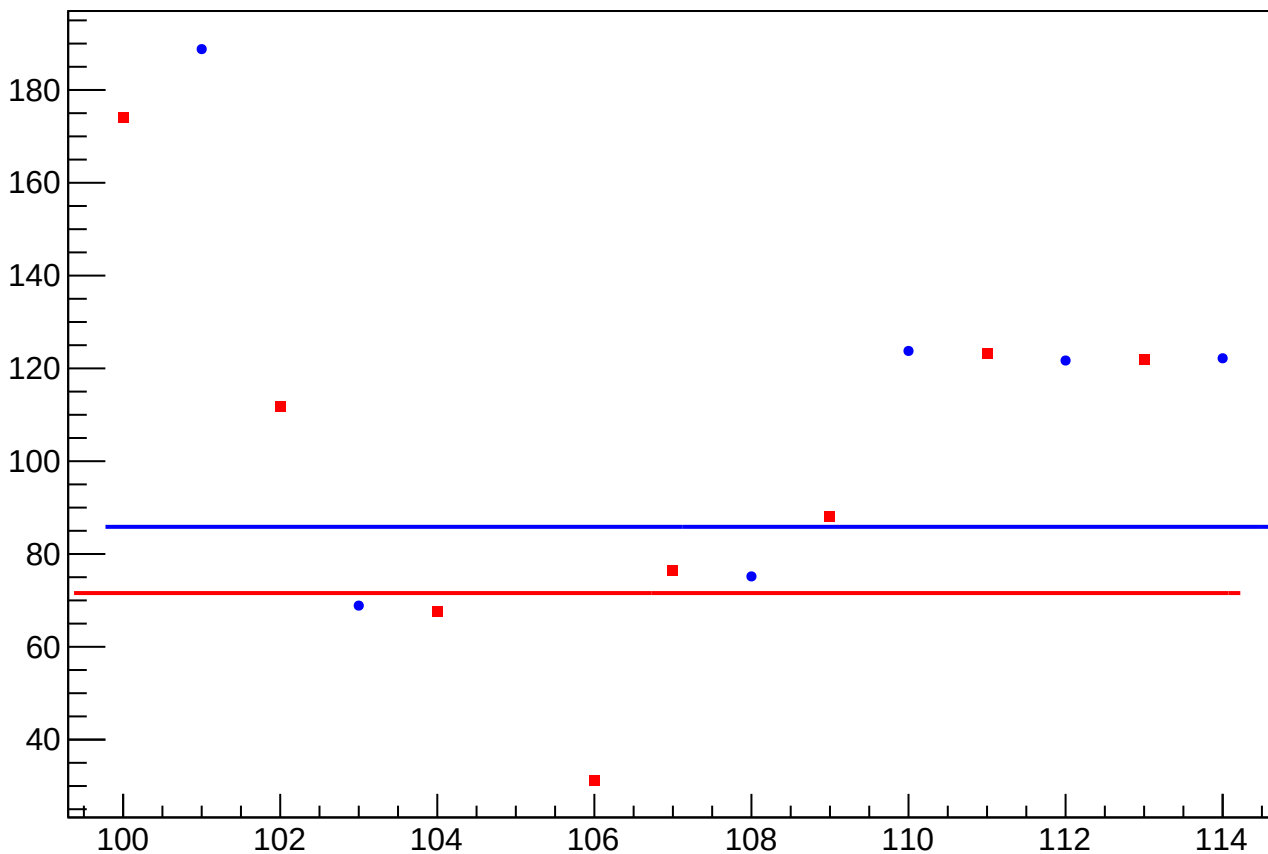
Right: -31.562+/-1.443 χ^2/NDF : 260.7/13

In: -35.046+/-2.443 χ^2/NDF : 172.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.562+/-1.443 χ^2/NDF : 260.7/13

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

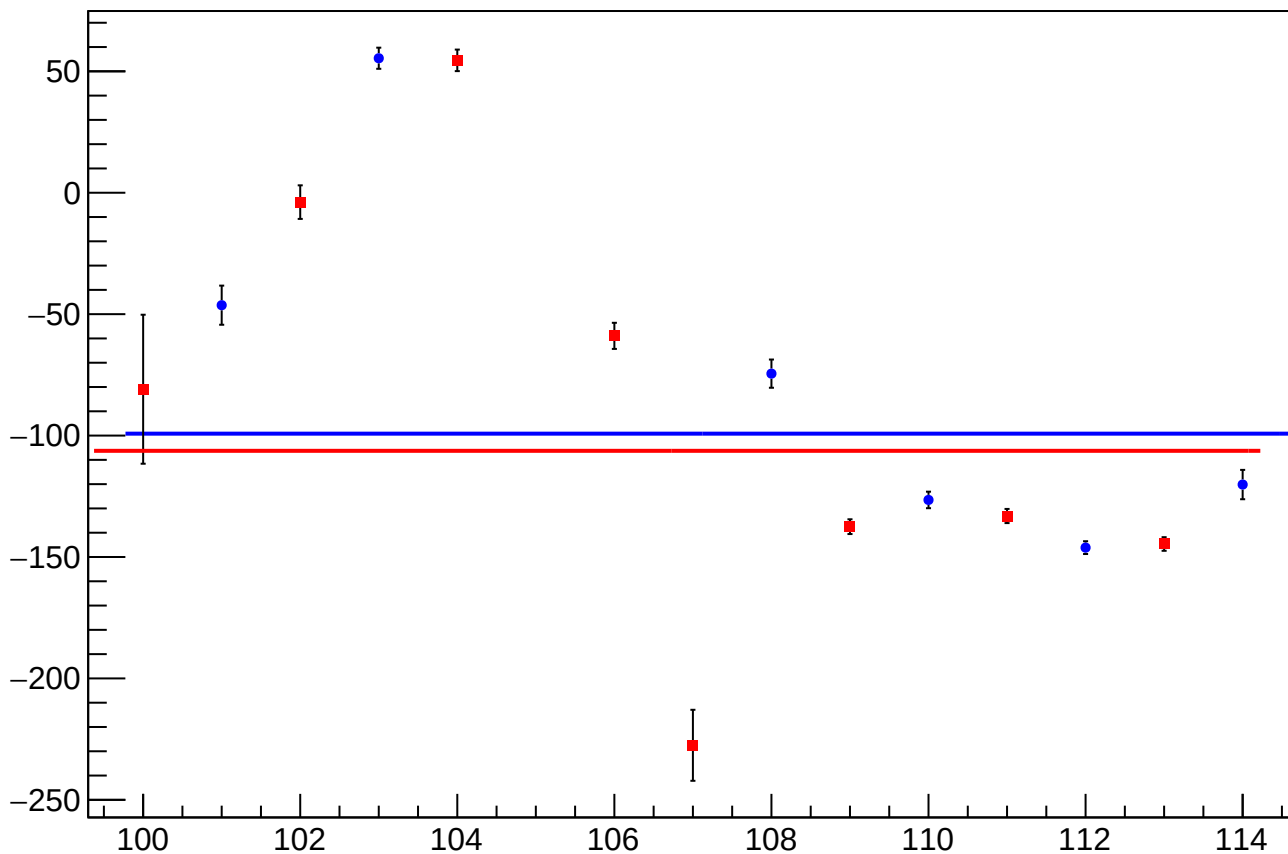
Right: 77.443+/-0.057 χ^2/NDF : 331713.7/13

In: 85.856+/-0.089 χ^2/NDF : 152726.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.443+/-0.057 χ^2/NDF : 331713.7/13

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

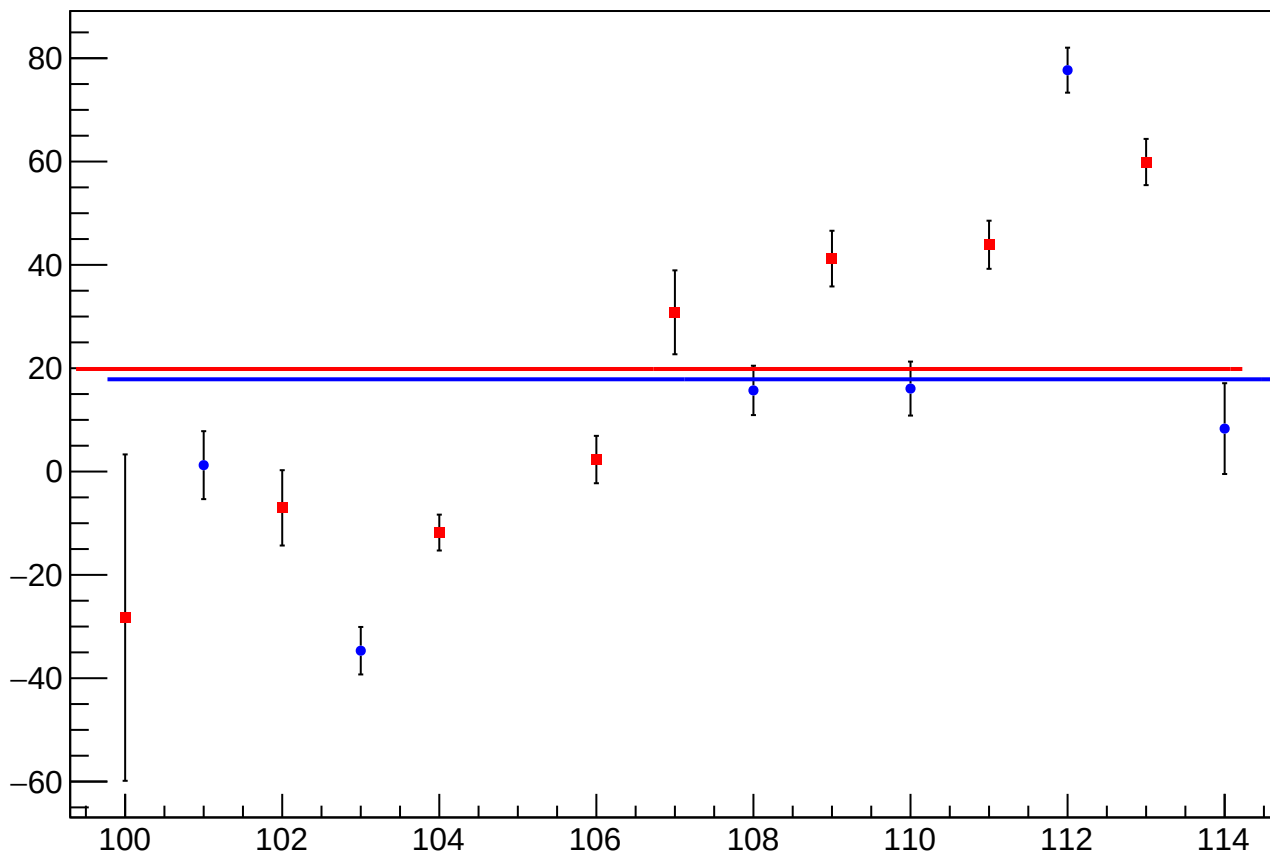
Right: -103.212 $\pm$ 1.103 χ^2 /NDF: 3786.8/13

In: -99.208 $\pm$ 1.676 χ^2 /NDF:1718.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -103.212 $\pm$ 1.103 χ^2 /NDF: 3786.8/13

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.855+/-2.148 χ^2/NDF : 327.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.850+/-1.838 χ^2/NDF : 238.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

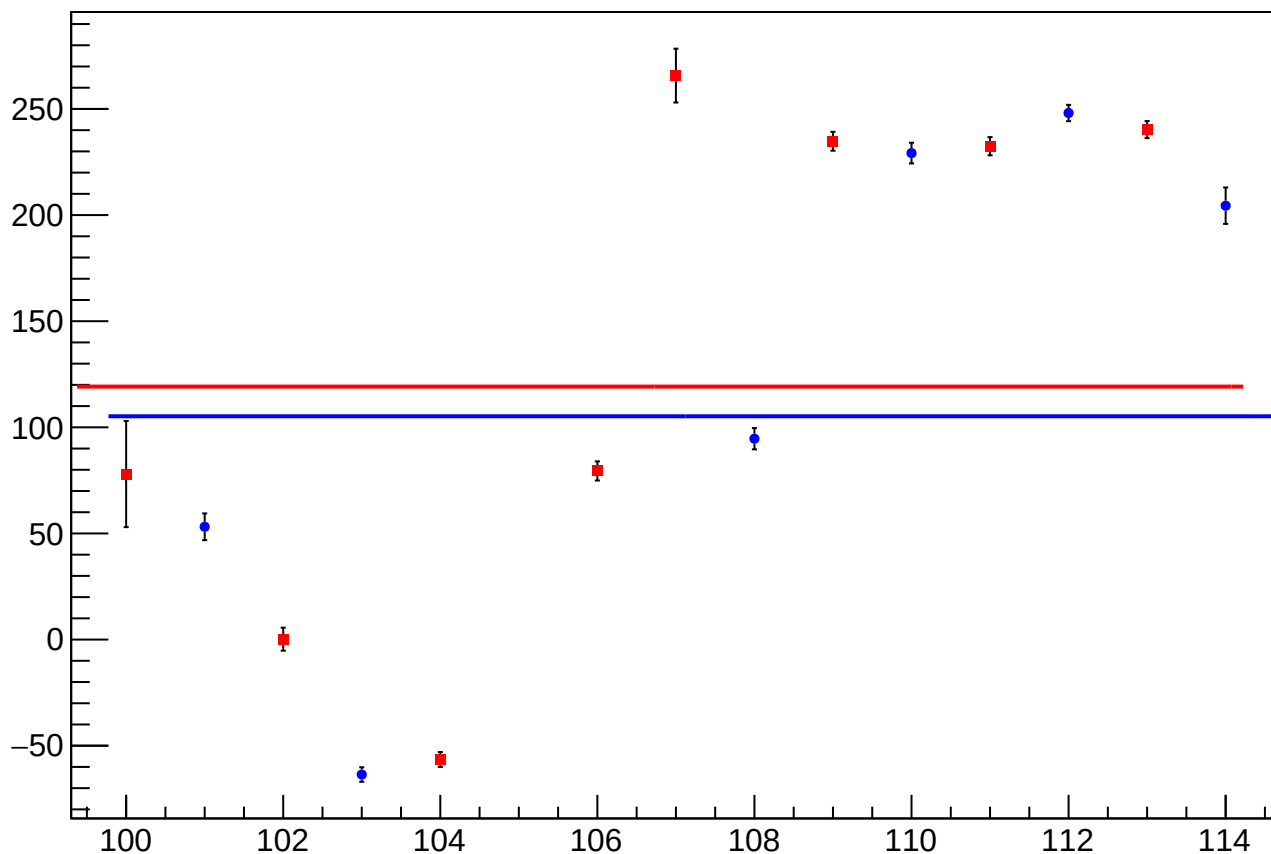
Right: 19.007+/-1.397 χ^2/NDF : 565.9/13

In: 17.855+/-2.148 χ^2/NDF : 327.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.007+/-1.397 χ^2/NDF : 565.9/13

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 105.199+/-1.912 χ^2/NDF : 4670.2/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.192+/-1.716 χ^2/NDF : 5499.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

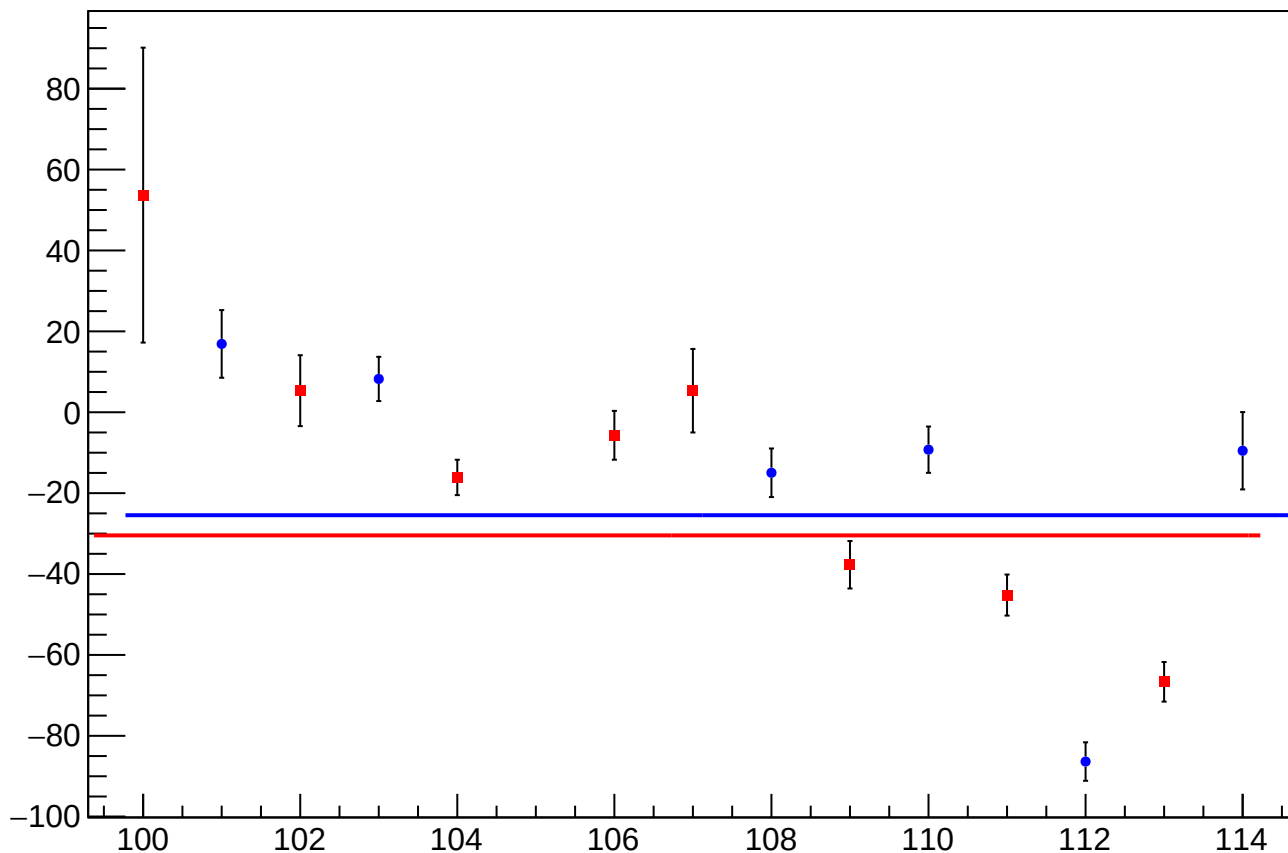
Right: 112.949+/-1.277 χ^2/NDF : 10198.9/13

In: 105.199+/-1.912 χ^2/NDF :4670.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.949+/-1.277 χ^2/NDF : 10198.9/13

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.456+/-2.492 χ^2/NDF : 241.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.446+/-2.170 χ^2/NDF : 126.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

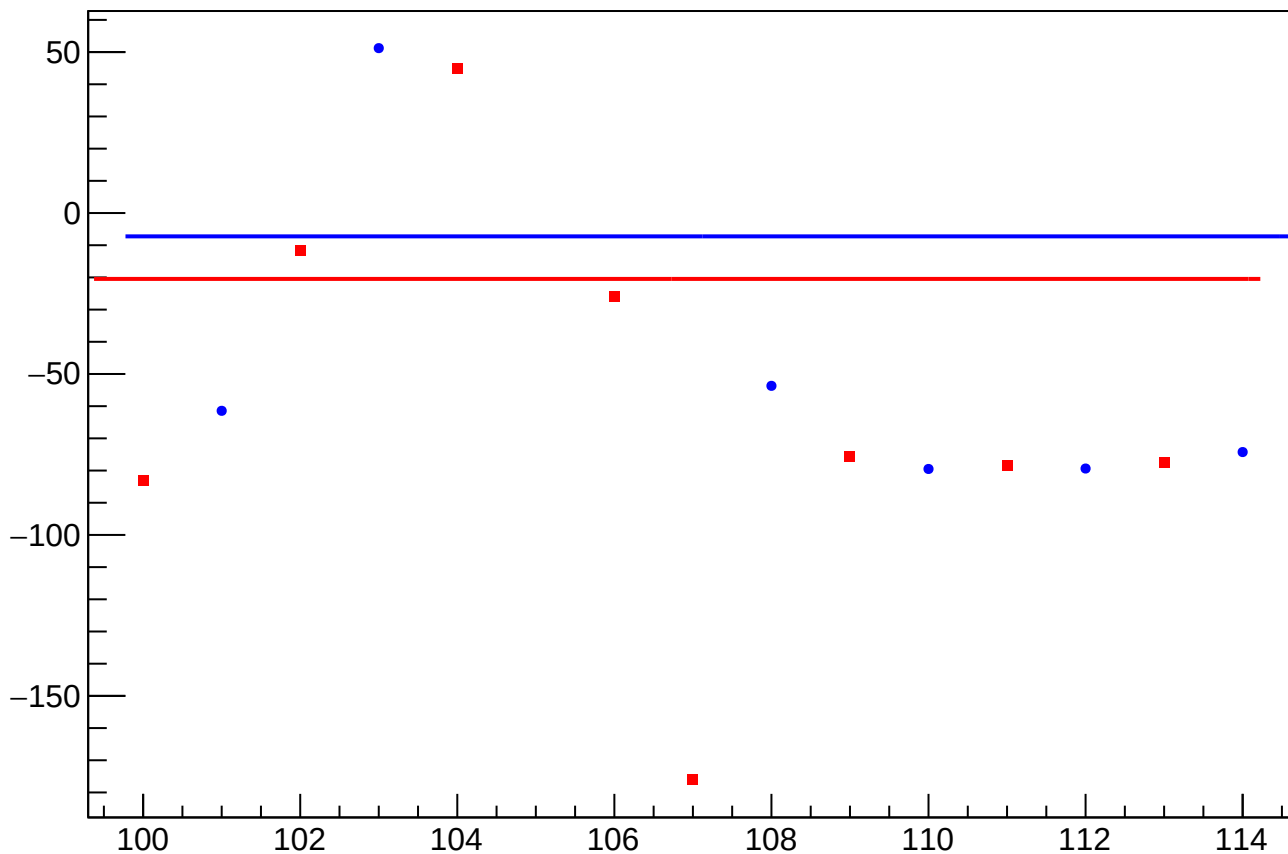
Right: -28.294+/-1.636 χ^2/NDF : 369.7/13

In: -25.456+/-2.492 χ^2/NDF : 241.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.294+/-1.636 χ^2/NDF : 369.7/13

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

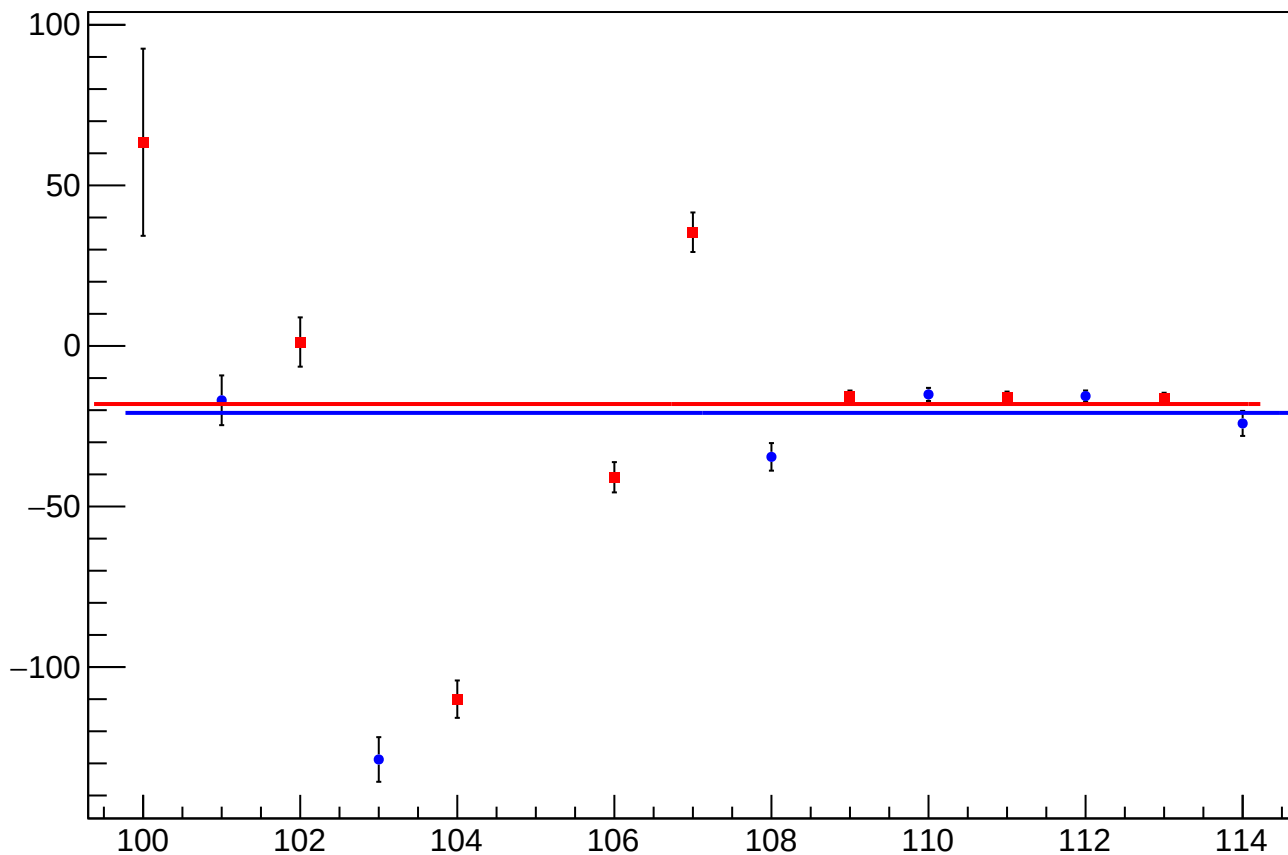
Right: -14.283+/-0.068 χ^2/NDF : 696848.5/13

In: -7.248+/-0.100 χ^2/NDF :341125.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.283+/-0.068 χ^2/NDF : 696848.5/13

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

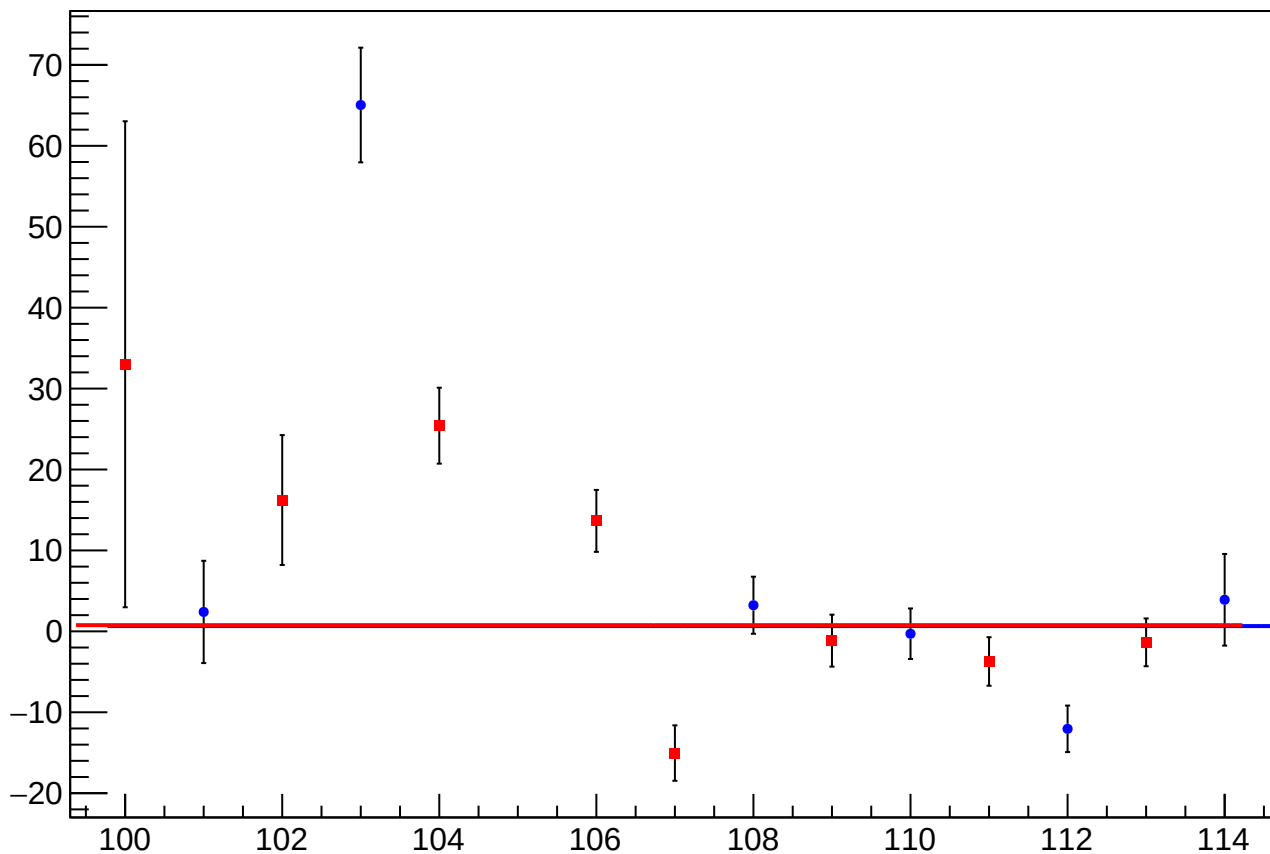
Right: -19.225 ± 0.752 χ^2/NDF : 639.0/13

In: -20.846 ± 1.170 χ^2/NDF : 269.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.225 ± 0.752 χ^2/NDF : 639.0/13

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

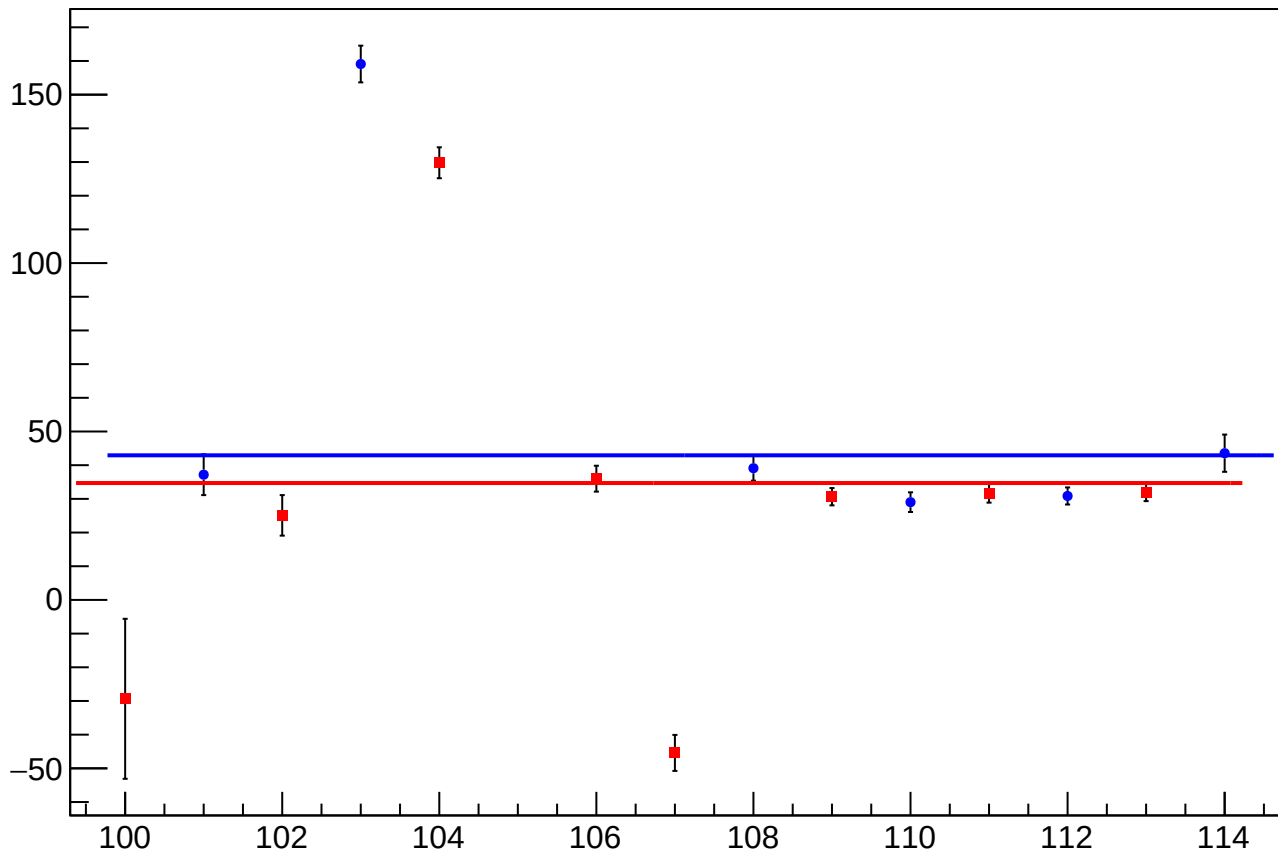
Right: 0.718+/-1.043 χ^2/NDF : 171.3/13

In: 0.651+/-1.622 χ^2/NDF : 103.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.718+/-1.043 χ^2/NDF : 171.3/13

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 42.931+/-1.510 χ^2/NDF : 502.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.705+/-1.286 χ^2/NDF : 668.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

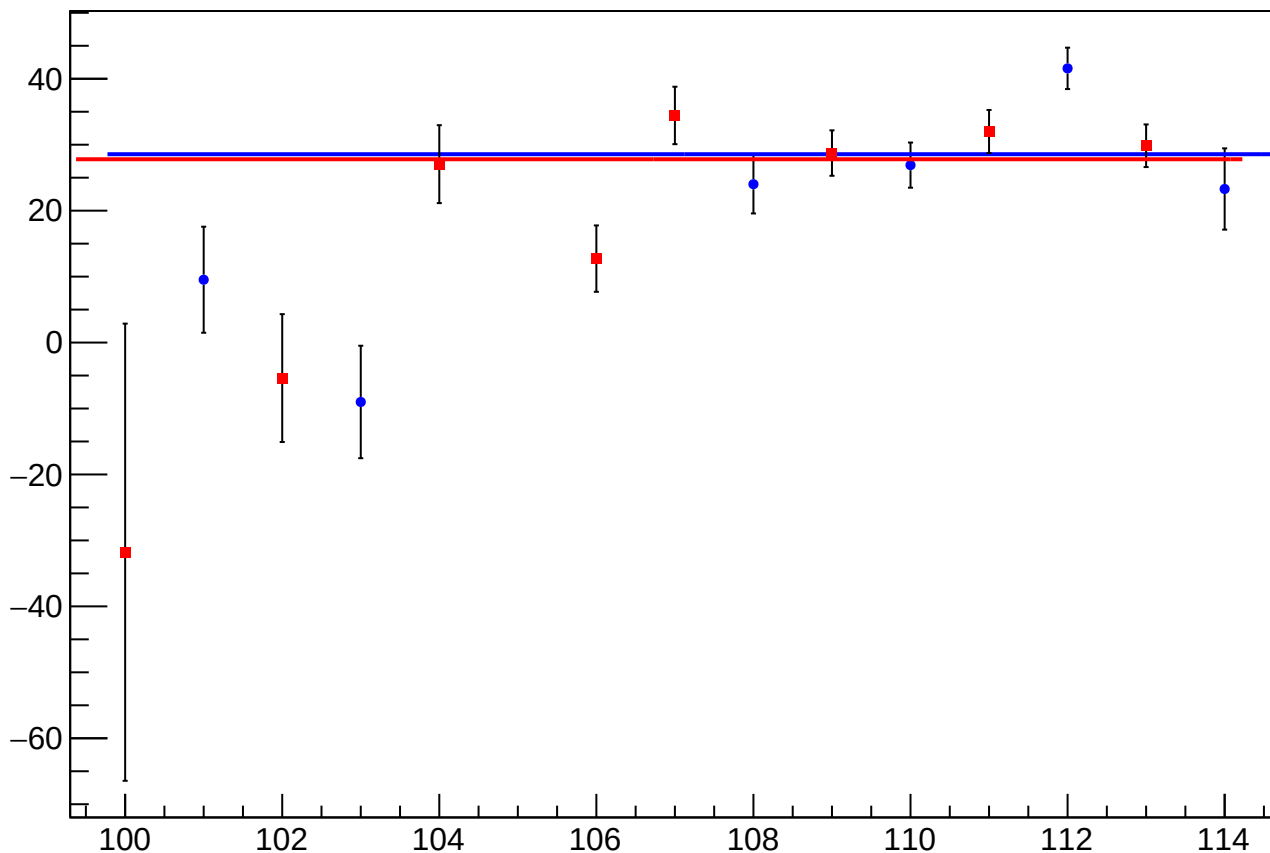
Right: 38.162+/-0.979 χ^2/NDF : 1187.5/13

In: 42.931+/-1.510 χ^2/NDF : 502.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.162+/-0.979 χ^2/NDF : 1187.5/13

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

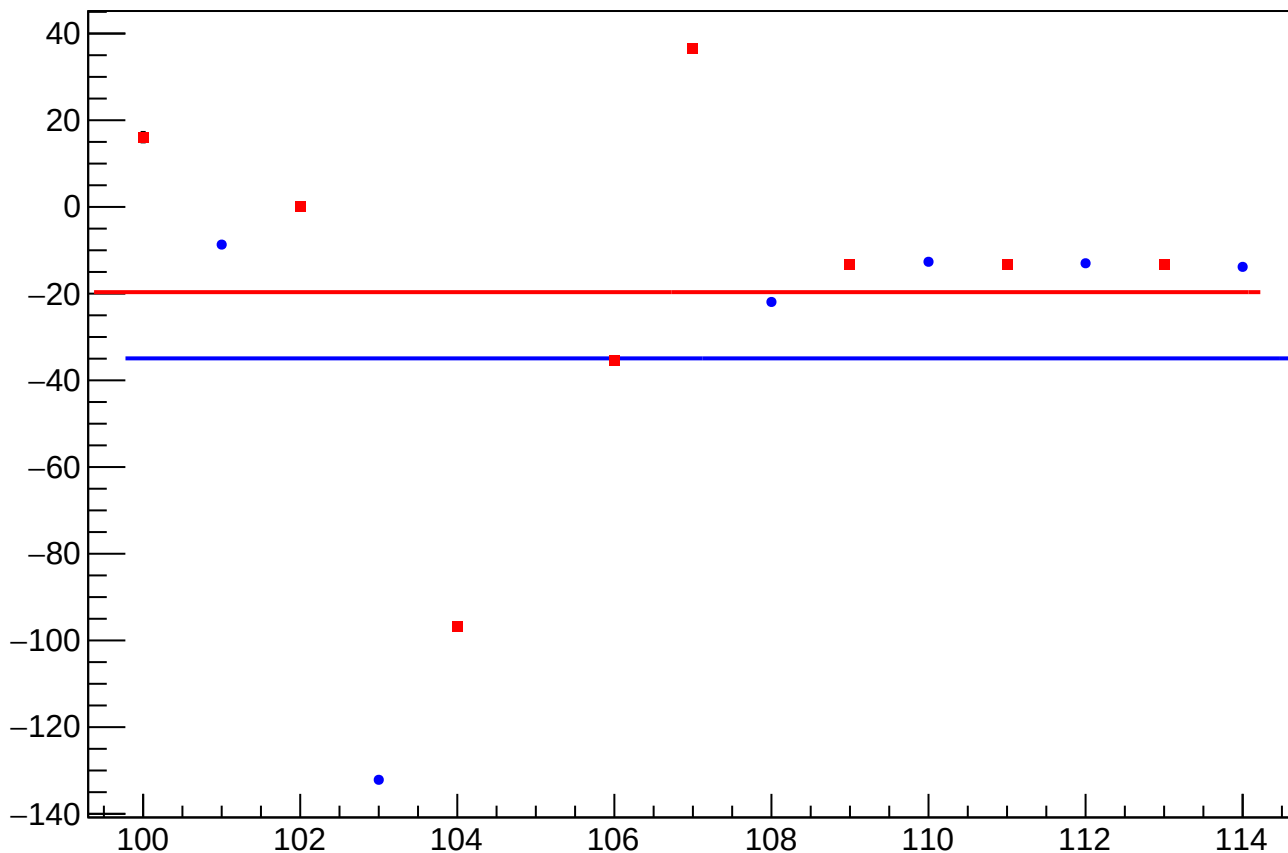
Right: 28.115+/-1.196 χ^2/NDF : 72.5/13

In: 28.559+/-1.847 χ^2/NDF : 44.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.115+/-1.196 χ^2/NDF : 72.5/13

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

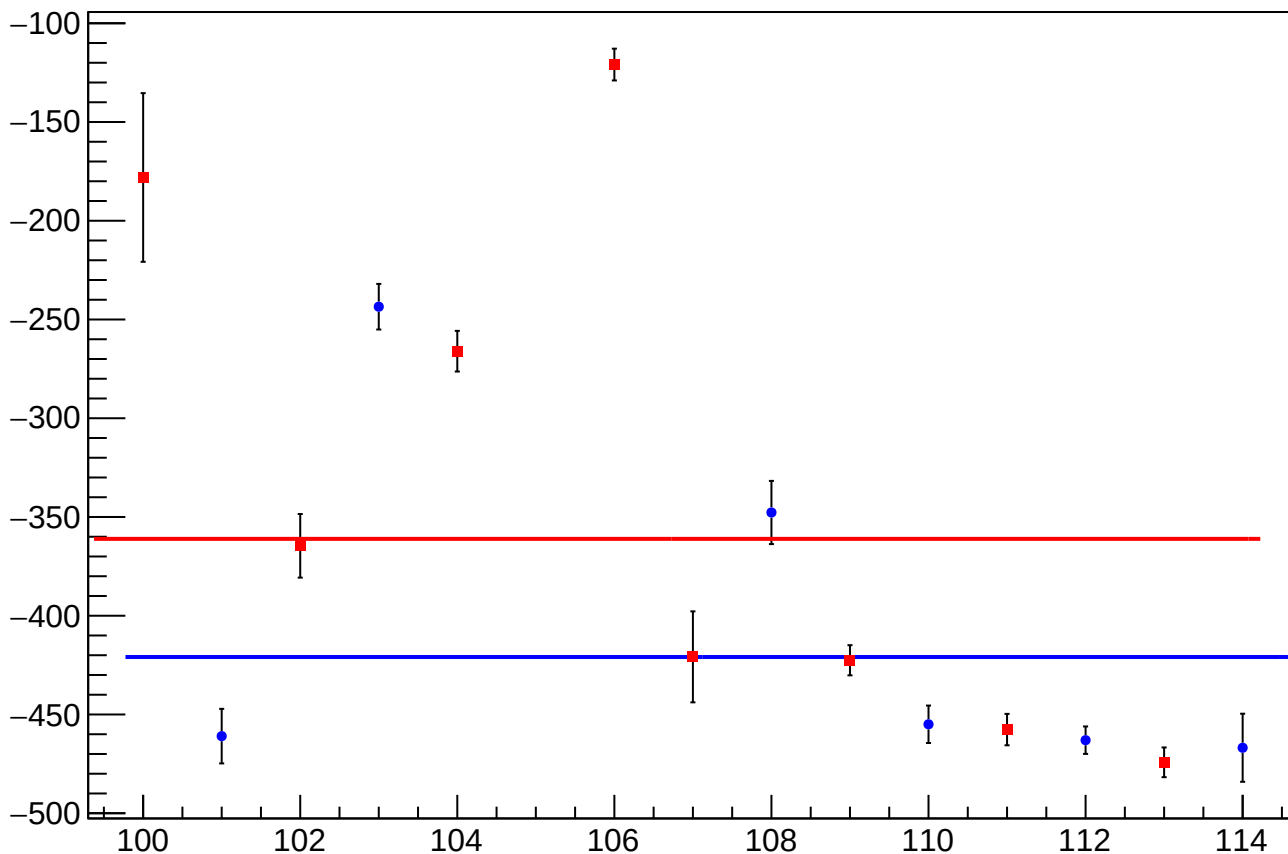
Right: -26.124+/-0.060 χ^2/NDF : 432166.7/13

In: -34.933+/-0.092 χ^2/NDF : 213429.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.124+/-0.060 χ^2/NDF : 432166.7/13

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

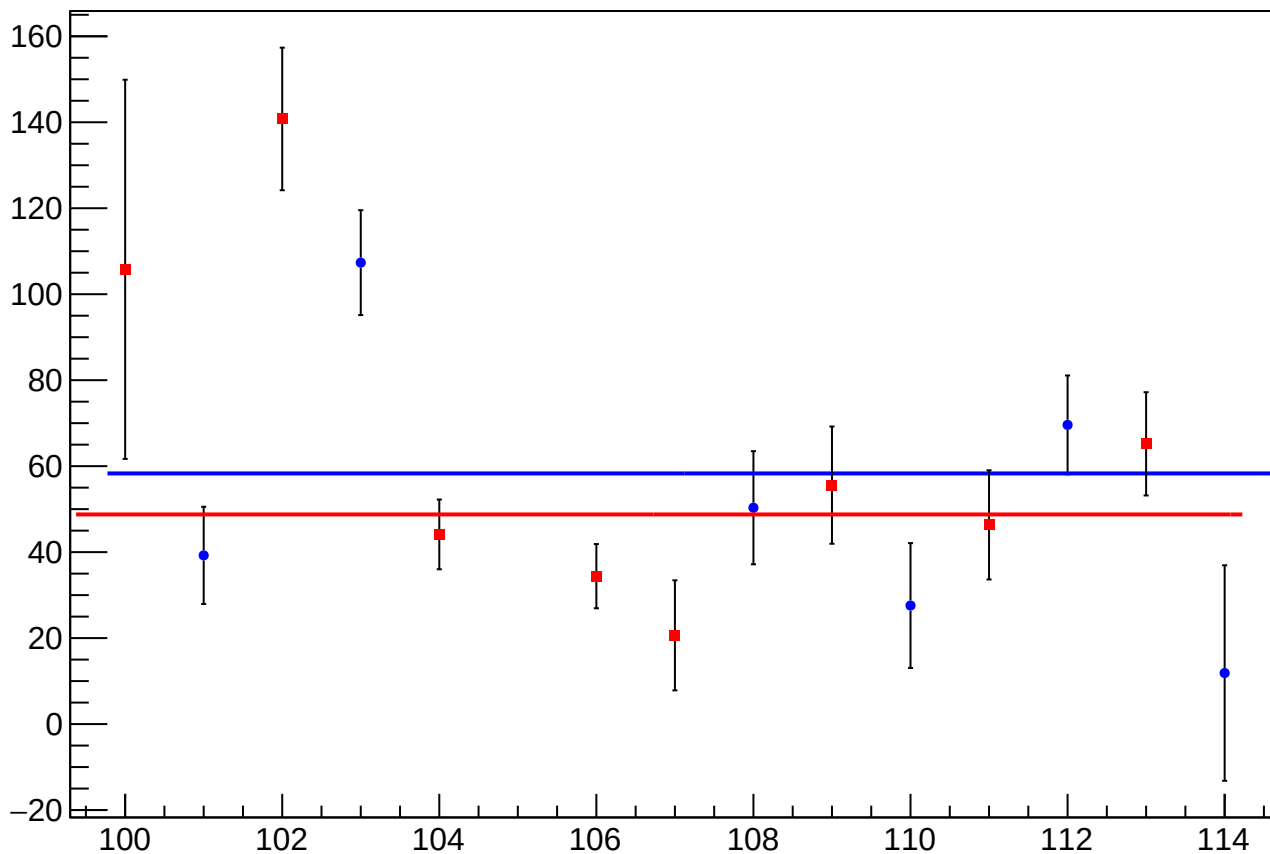
Right: -384.295+/-2.736 χ^2/NDF : 1874.2/13

In: -420.908+/-4.392 χ^2/NDF : 322.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.295+/-2.736 χ^2/NDF : 1874.2/13

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.306+/-5.406 χ^2/NDF : 28.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.764+/-4.020 χ^2/NDF : 43.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

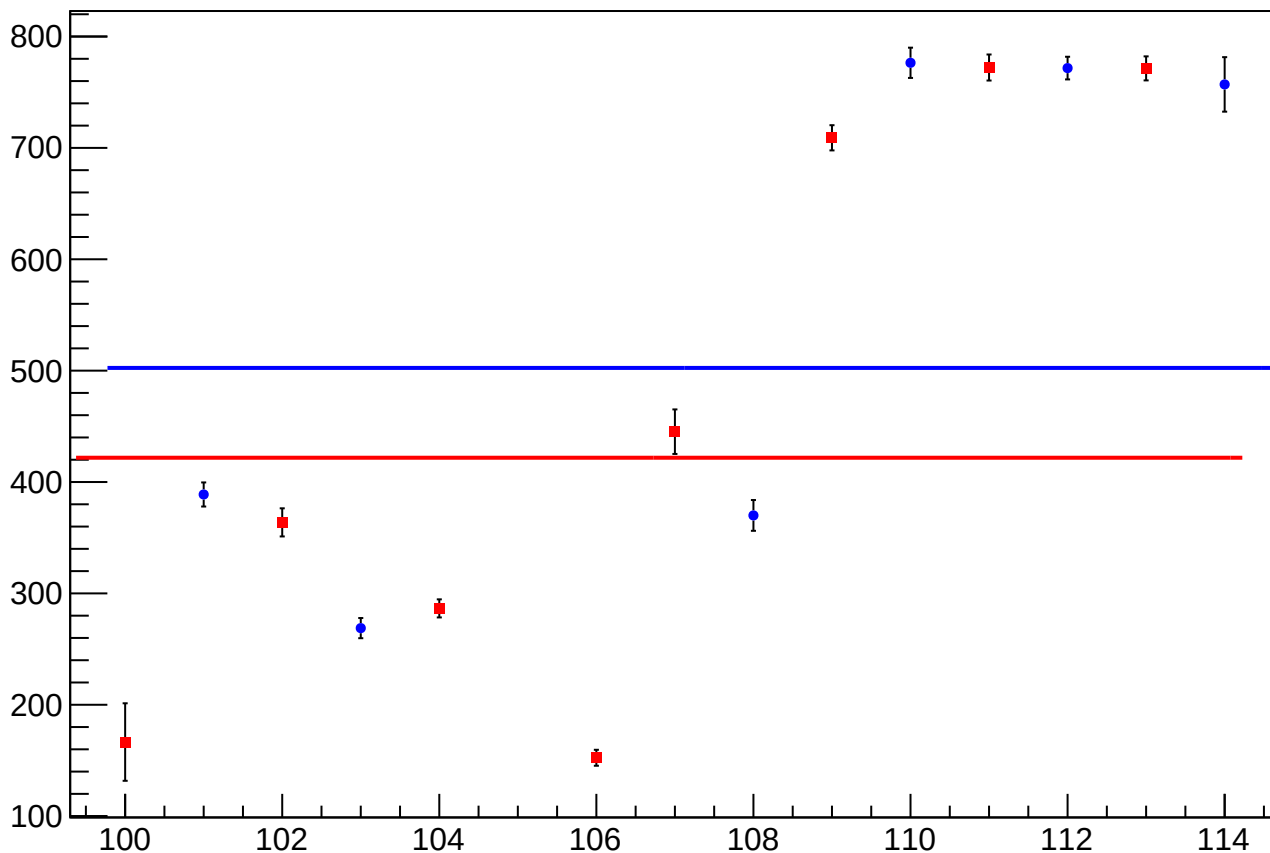
Right: 52.162+/-3.226 χ^2/NDF : 73.7/13

In: 58.306+/-5.406 χ^2/NDF : 28.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.162+/-3.226 χ^2/NDF : 73.7/13

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 502.450+/-4.839 χ^2/NDF : 2081.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.812+/-3.836 χ^2/NDF : 4360.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

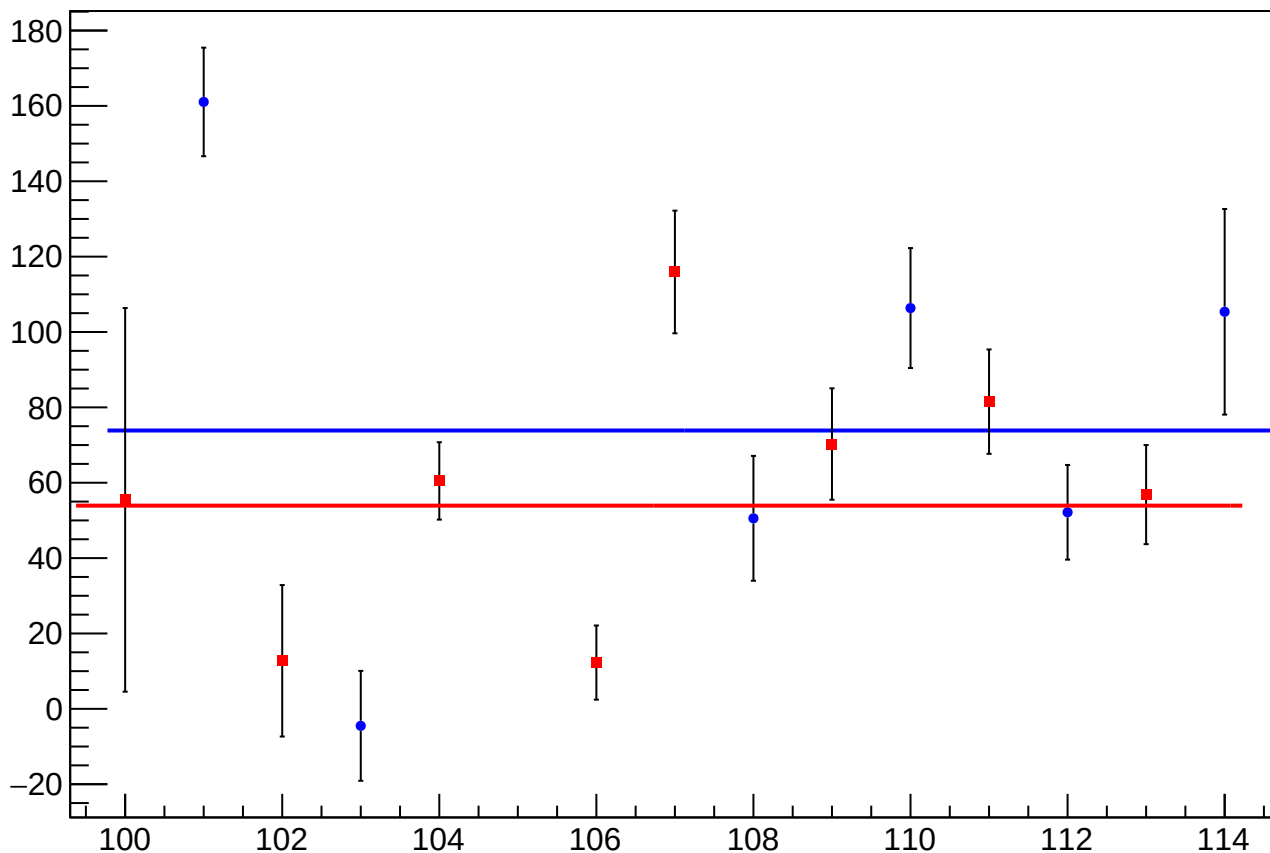
Right: 452.932+/-3.006 χ^2/NDF : 6613.0/13

In: 502.450+/-4.839 χ^2/NDF : 2081.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.932+/-3.006 χ^2/NDF : 6613.0/13

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 73.861+/-6.350 χ^2/NDF : 76.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.926+/-4.878 χ^2/NDF : 42.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

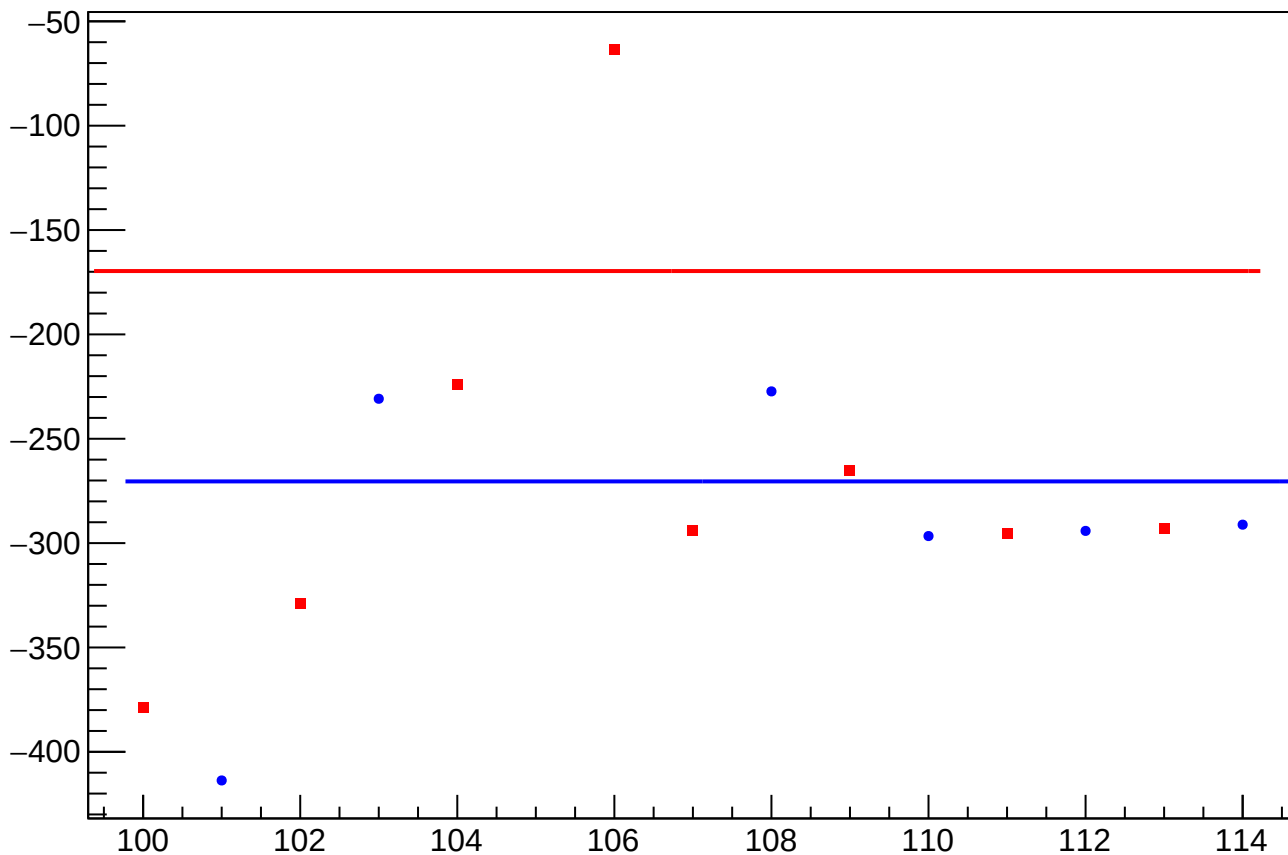
Right: 61.323+/-3.868 χ^2/NDF : 124.5/13

In: 73.861+/-6.350 χ^2/NDF : 76.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.323+/-3.868 χ^2/NDF : 124.5/13

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

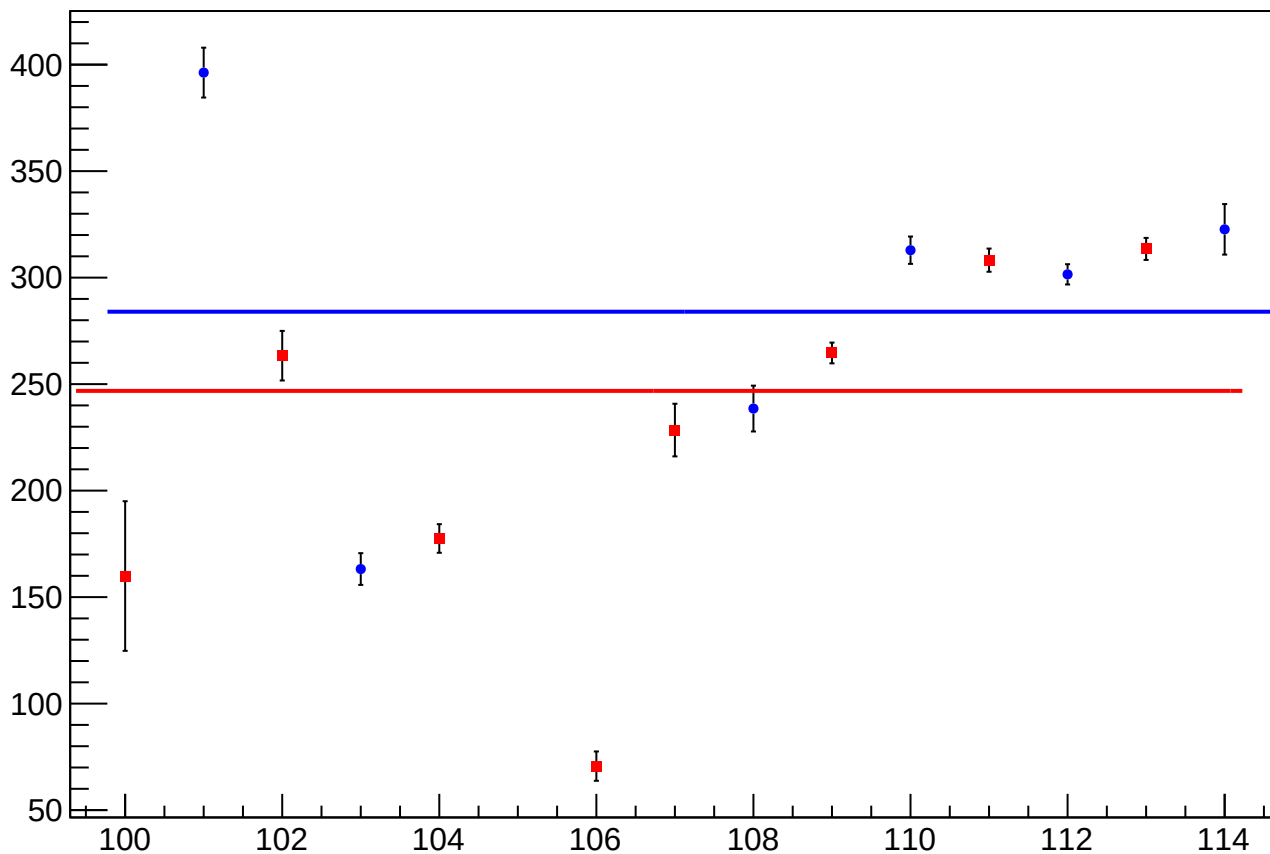
Right: -202.479+/-0.147 χ^2/NDF : 539793.2/13

In: -270.433+/-0.258 χ^2/NDF : 67407.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.479+/-0.147 χ^2/NDF : 539793.2/13

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

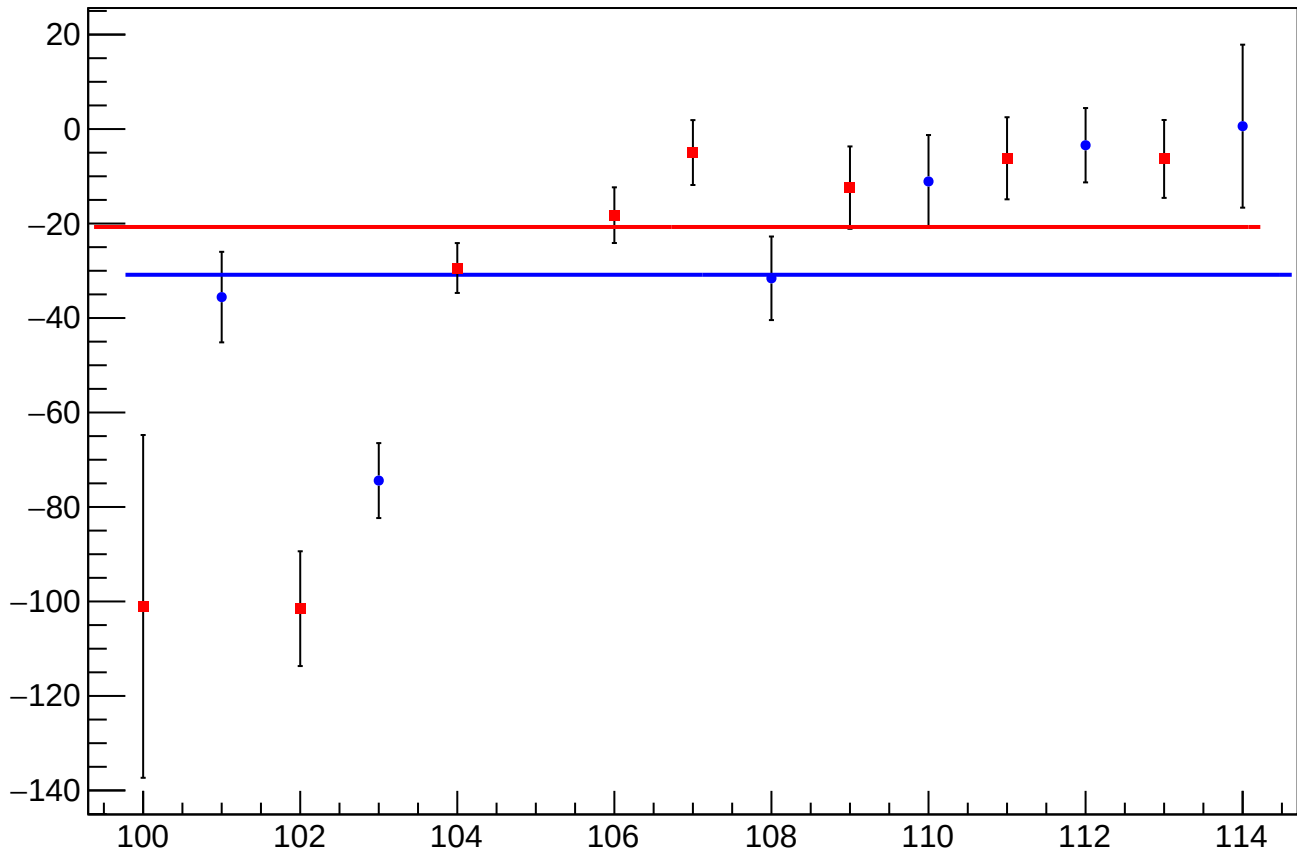
Right: 261.314 $\pm$ 1.887 χ^2 /NDF: 1587.8/13

In: 283.996 $\pm$ 3.022 χ^2 /NDF:417.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.314 $\pm$ 1.887 χ^2 /NDF: 1587.8/13

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -30.846 $\pm$ 3.795 χ^2 /NDF: 49.9/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.729 $\pm$ 2.727 χ^2 /NDF: 64.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

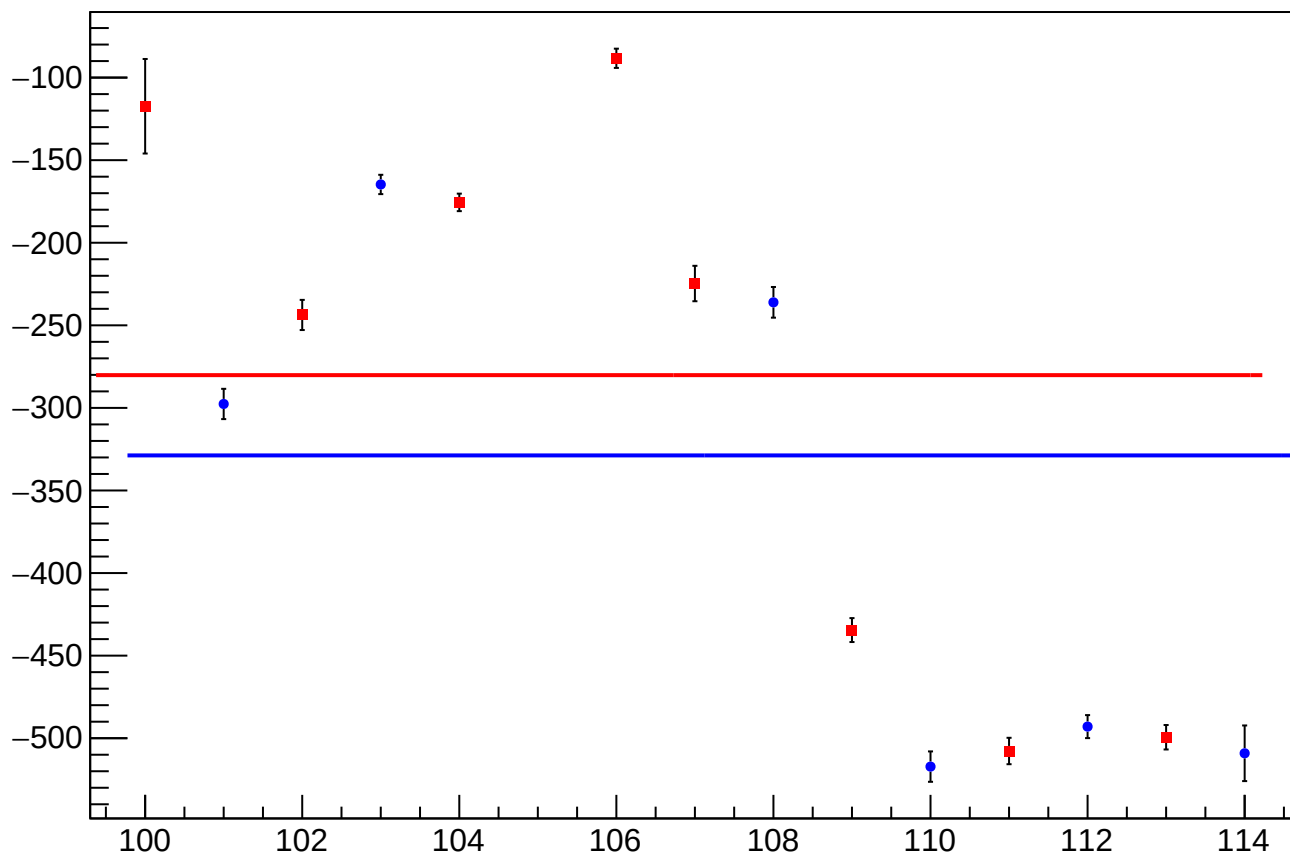
Right: -24.173 $\pm$ 2.214 χ^2 /NDF: 118.7/13

In: -30.846 $\pm$ 3.795 χ^2 /NDF: 49.9/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.173 $\pm$ 2.214 χ^2 /NDF: 118.7/13

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

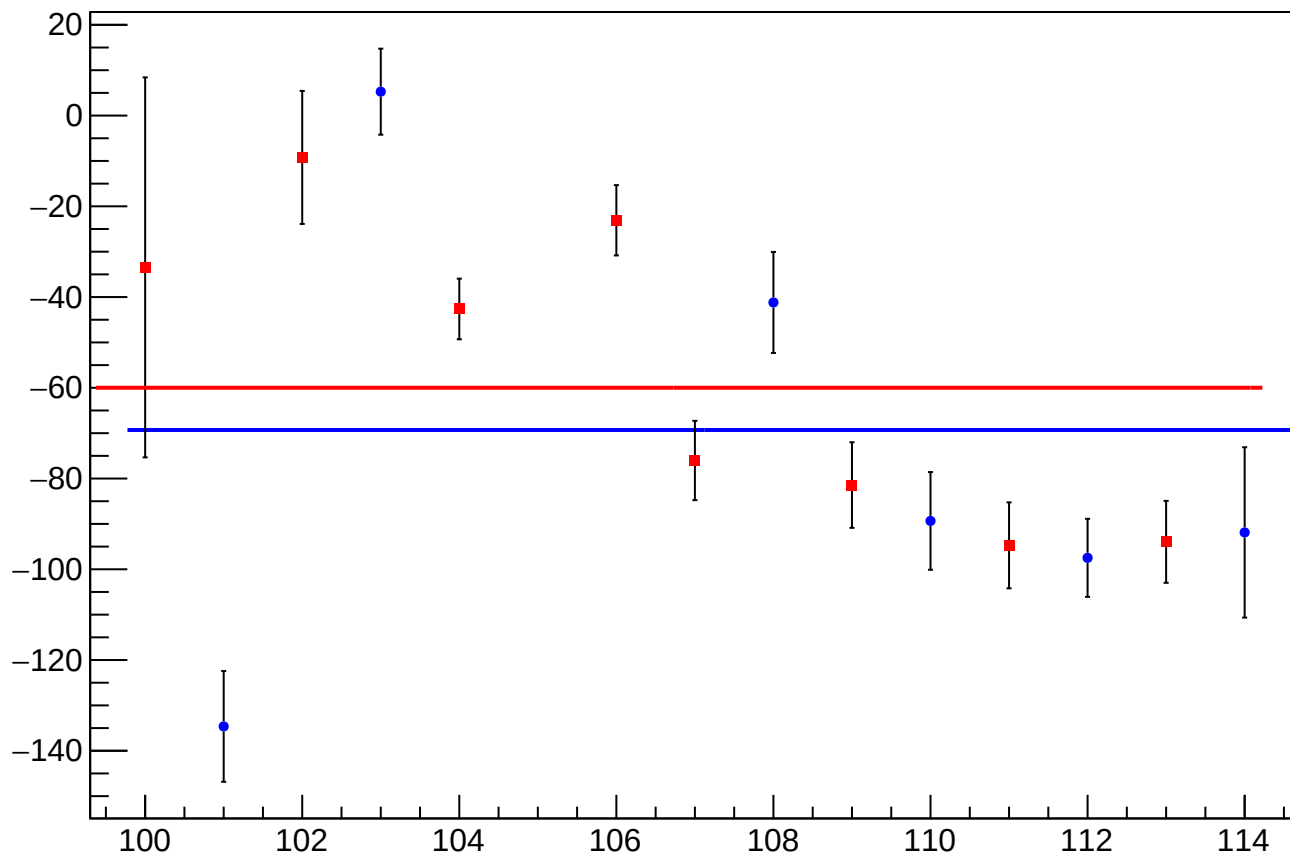
Right: -299.017+/-2.091 χ^2 /NDF: 5807.0/13

In: -328.768+/-3.358 χ^2 /NDF:1988.6/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -299.017+/-2.091 χ^2 /NDF: 5807.0/13

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

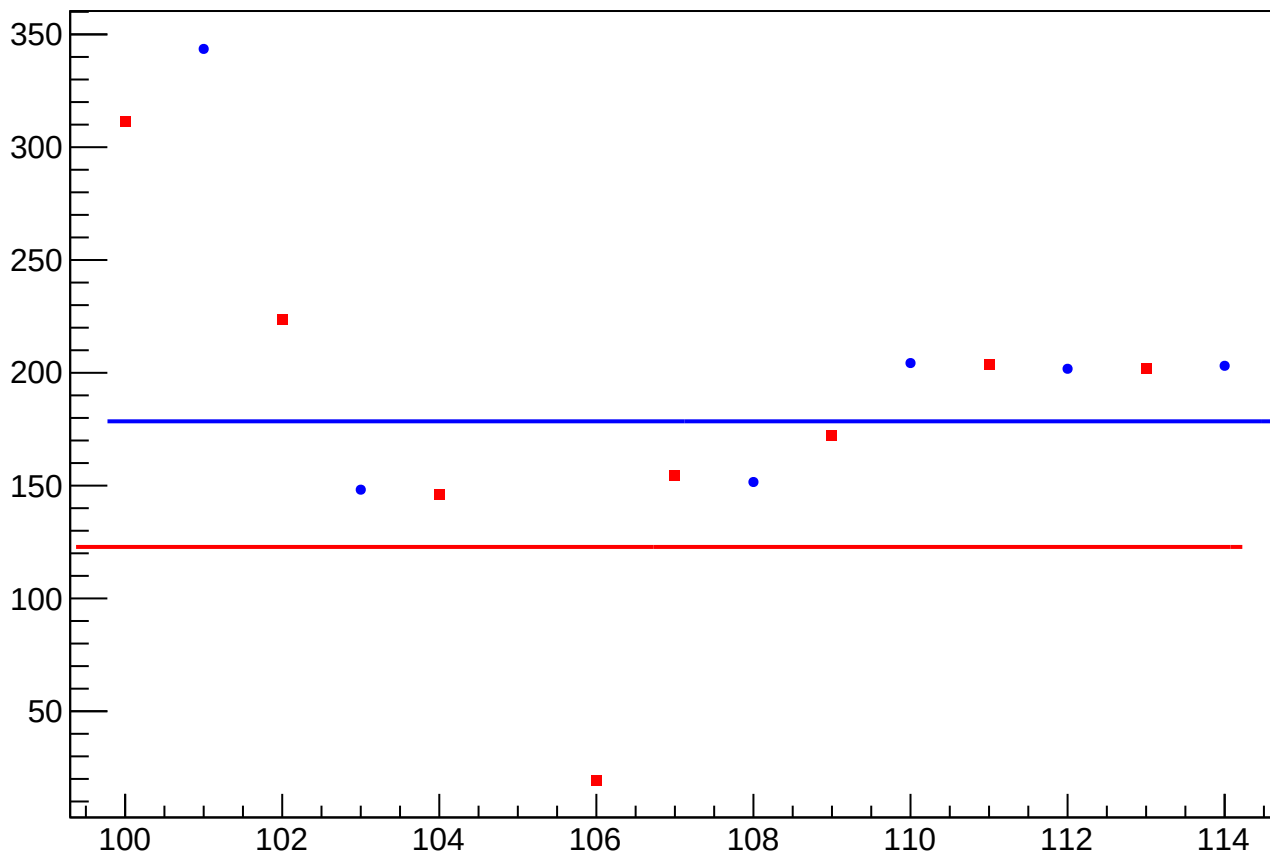
Right: -63.302 $\pm$ 2.645 χ^2 /NDF: 193.3/13

In: -69.298 $\pm$ 4.433 χ^2 /NDF:112.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.302 $\pm$ 2.645 χ^2 /NDF: 193.3/13

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

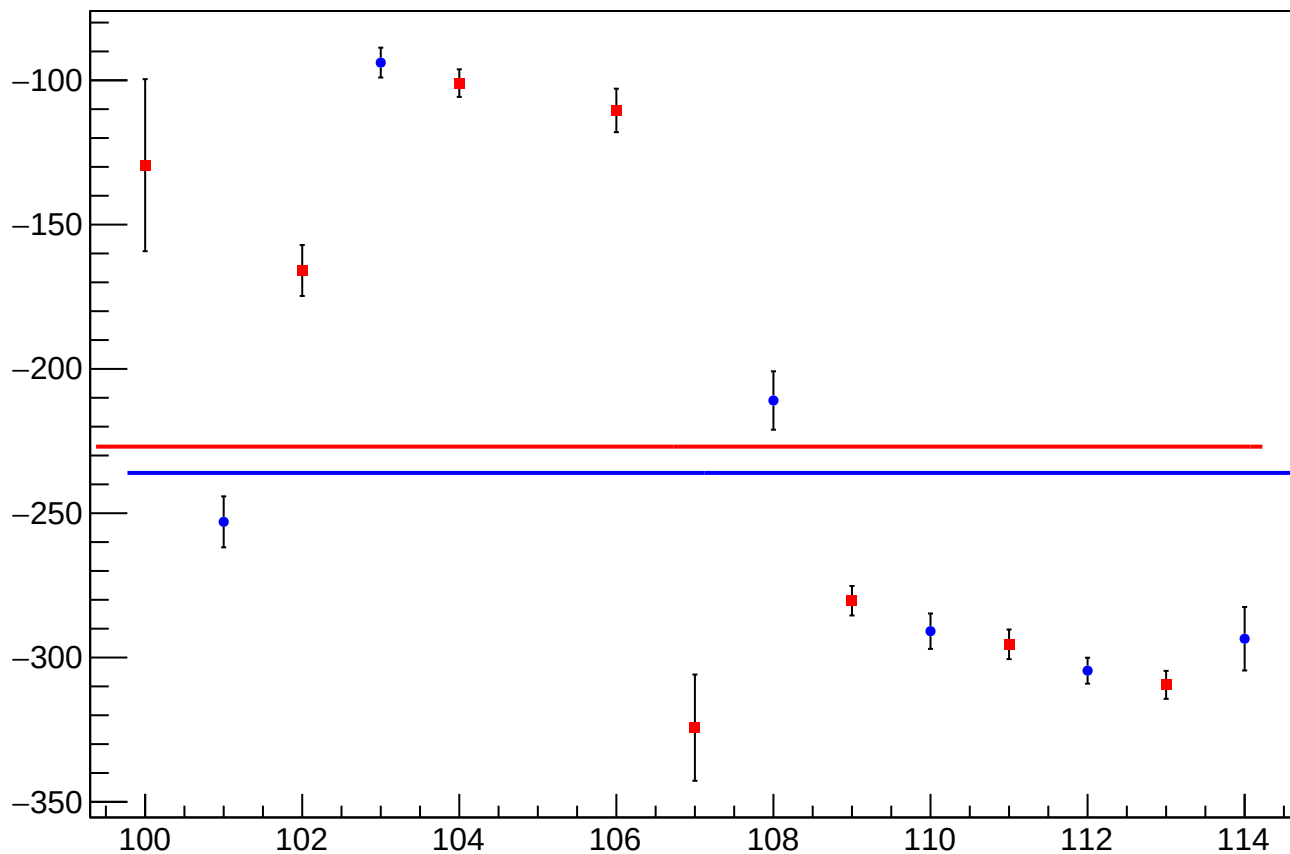
Right: 143.409 $\pm$ 0.107 χ^2 /NDF: 517976.5/13

In: 178.501 $\pm$ 0.175 χ^2 /NDF: 114560.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.409 $\pm$ 0.107 χ^2 /NDF: 517976.5/13

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

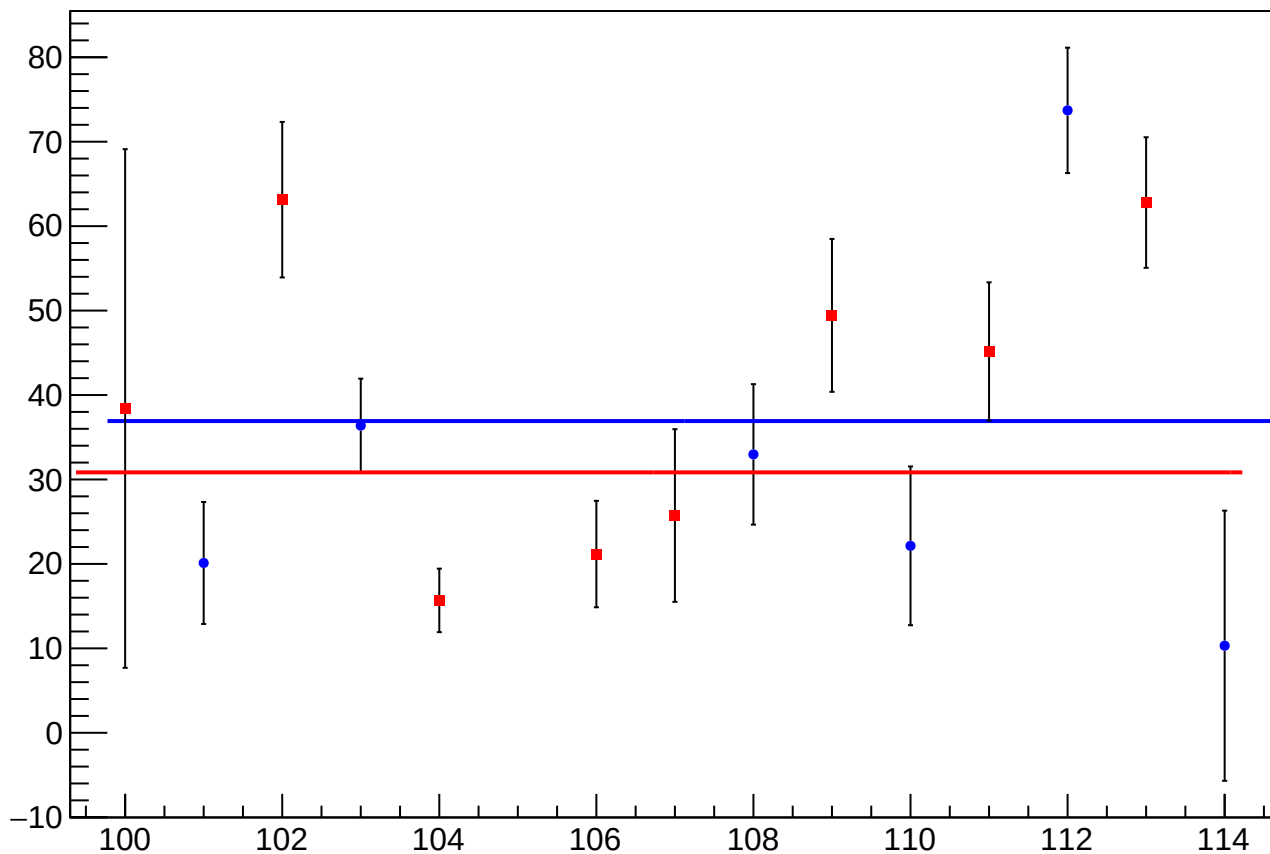
Right: -230.774+/-1.711 χ^2 /NDF: 2709.7/13

In: -236.031+/-2.632 χ^2 /NDF:1104.5/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -230.774+/-1.711 χ^2 /NDF: 2709.7/13

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

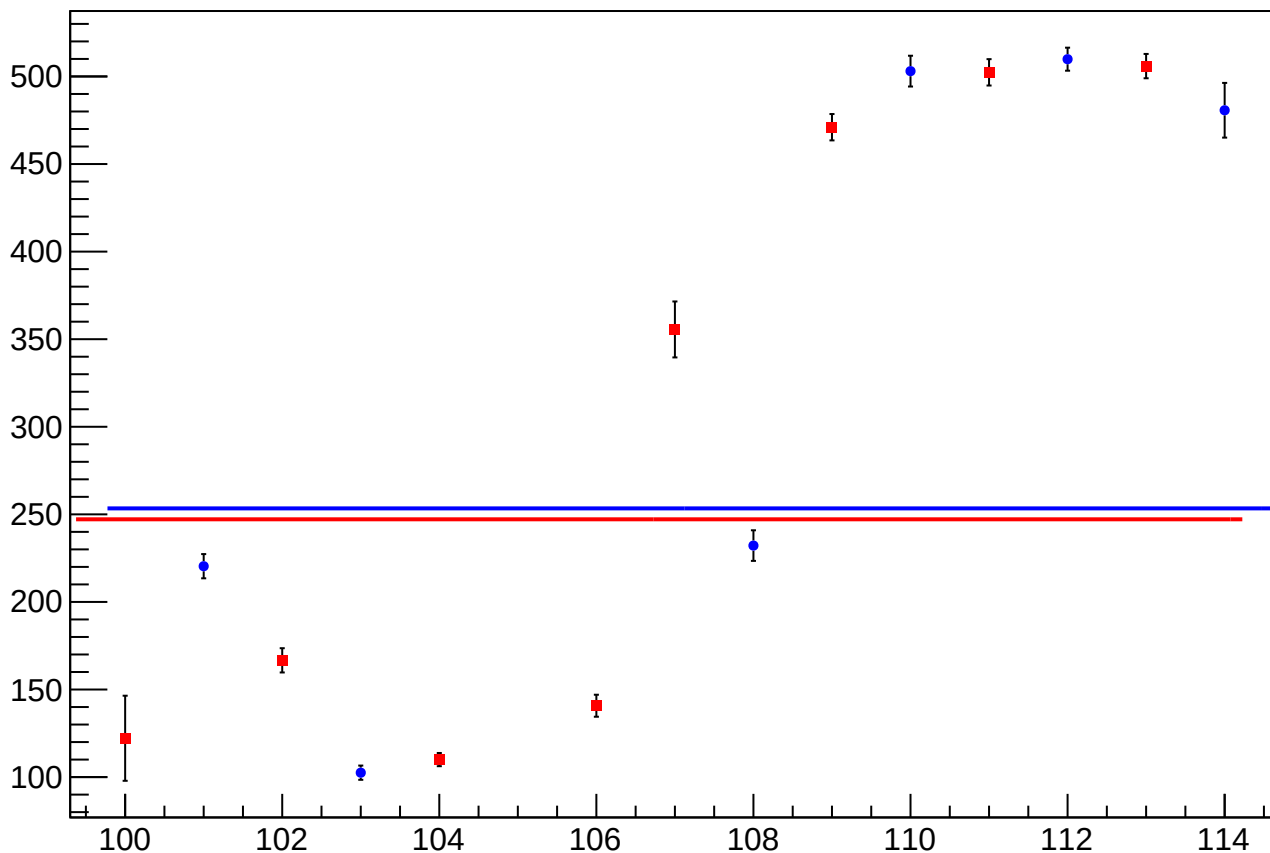
Right: 33.148 $\pm$ 1.956 χ^2 /NDF: 93.3/13

In: 36.917 $\pm$ 3.173 χ^2 /NDF:35.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.148 $\pm$ 1.956 χ^2 /NDF: 93.3/13

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 253.404+/-2.725 χ^2/NDF : 3947.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.173+/-2.368 χ^2/NDF : 5242.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

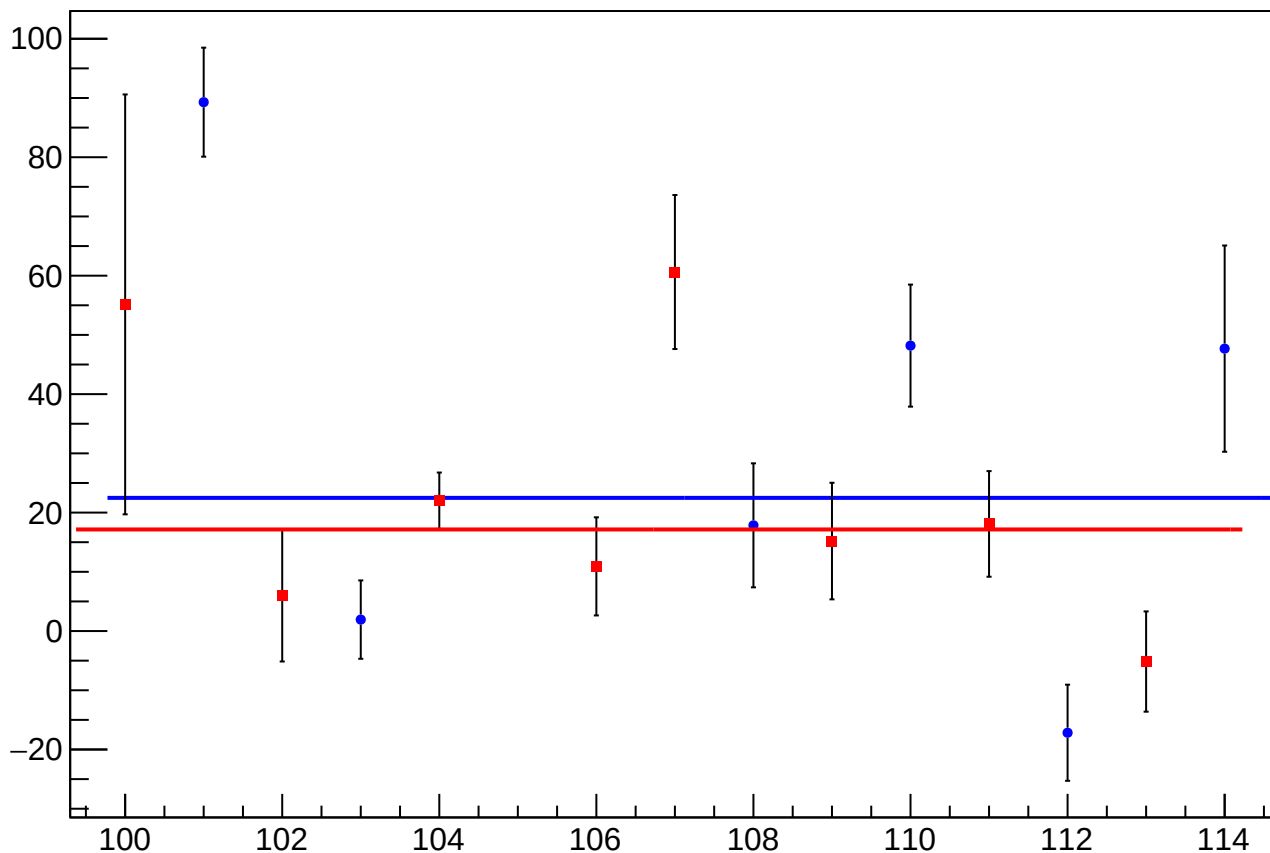
Right: 249.855+/-1.787 χ^2/NDF : 9192.8/13

In: 253.404+/-2.725 χ^2/NDF : 3947.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.855+/-1.787 χ^2/NDF : 9192.8/13

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.486+/-3.735 χ^2 /NDF: 94.8/5

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.153+/-3.010 χ^2 /NDF: 21.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

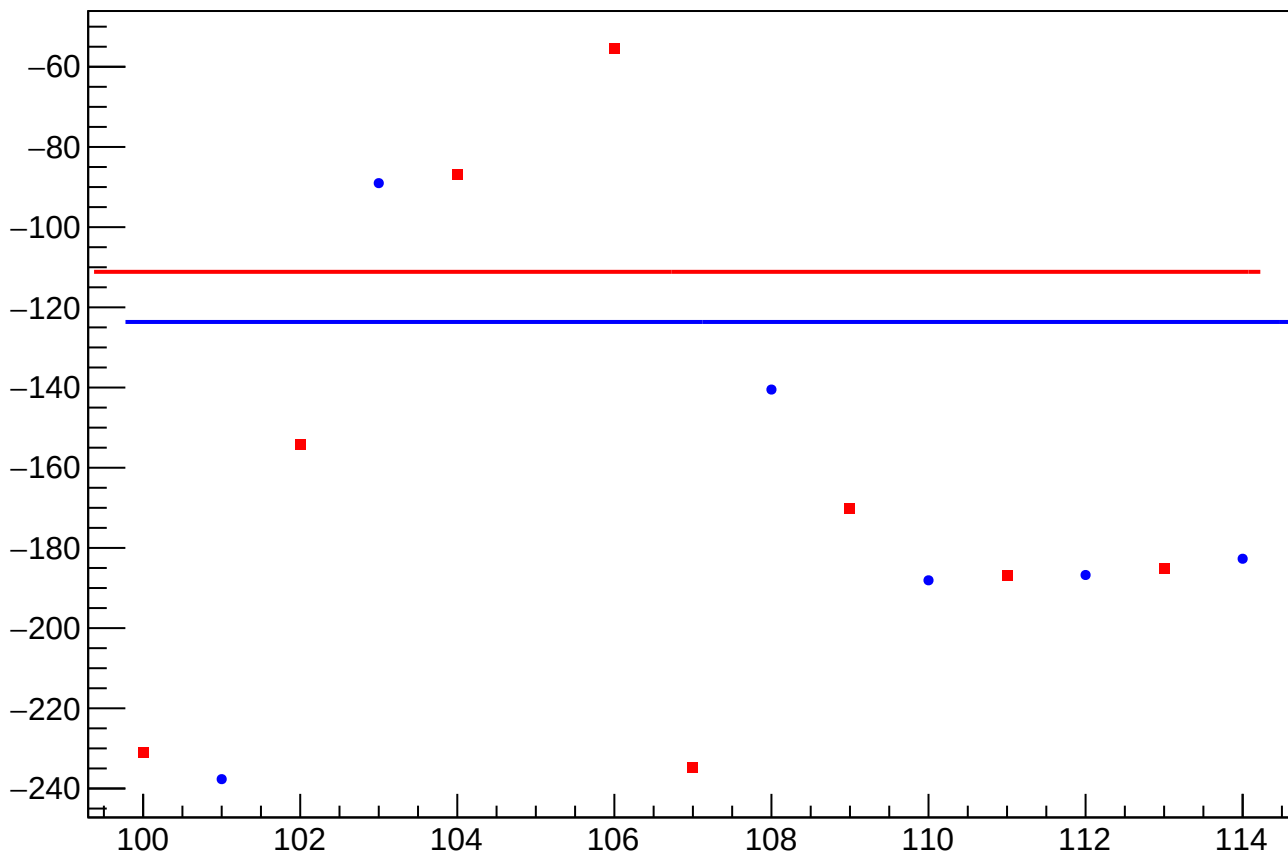
Right: 19.253+/-2.344 χ^2 /NDF: 117.9/13

In: 22.486+/-3.735 χ^2 /NDF:94.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.253+/-2.344 χ^2 /NDF: 117.9/13

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

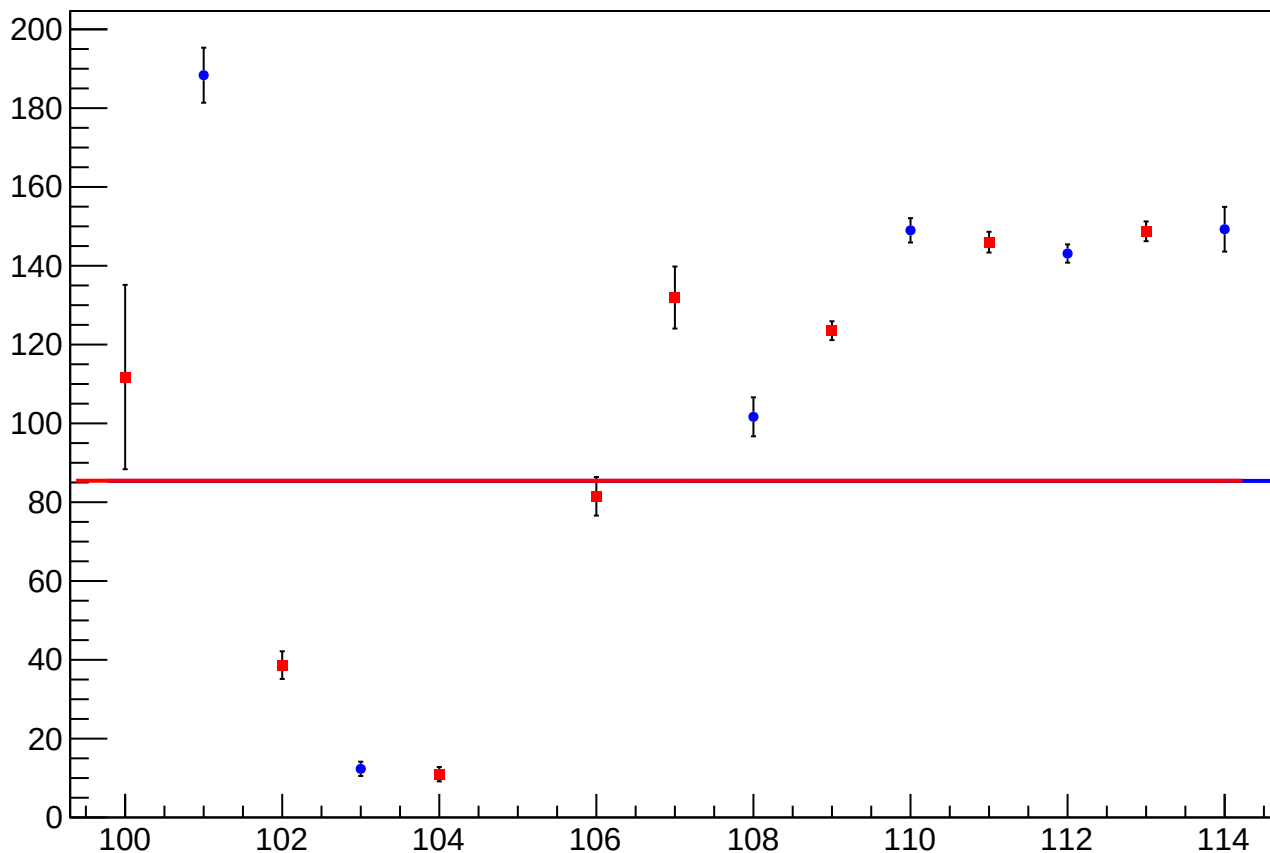
Right: -116.634+/-0.090 χ^2/NDF : 330277.4/13

In: -123.644+/-0.135 χ^2/NDF : 145770.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.634+/-0.090 χ^2/NDF : 330277.4/13

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 85.401+/-1.208 χ^2/NDF : 3012.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.451+/-1.043 χ^2/NDF : 3296.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

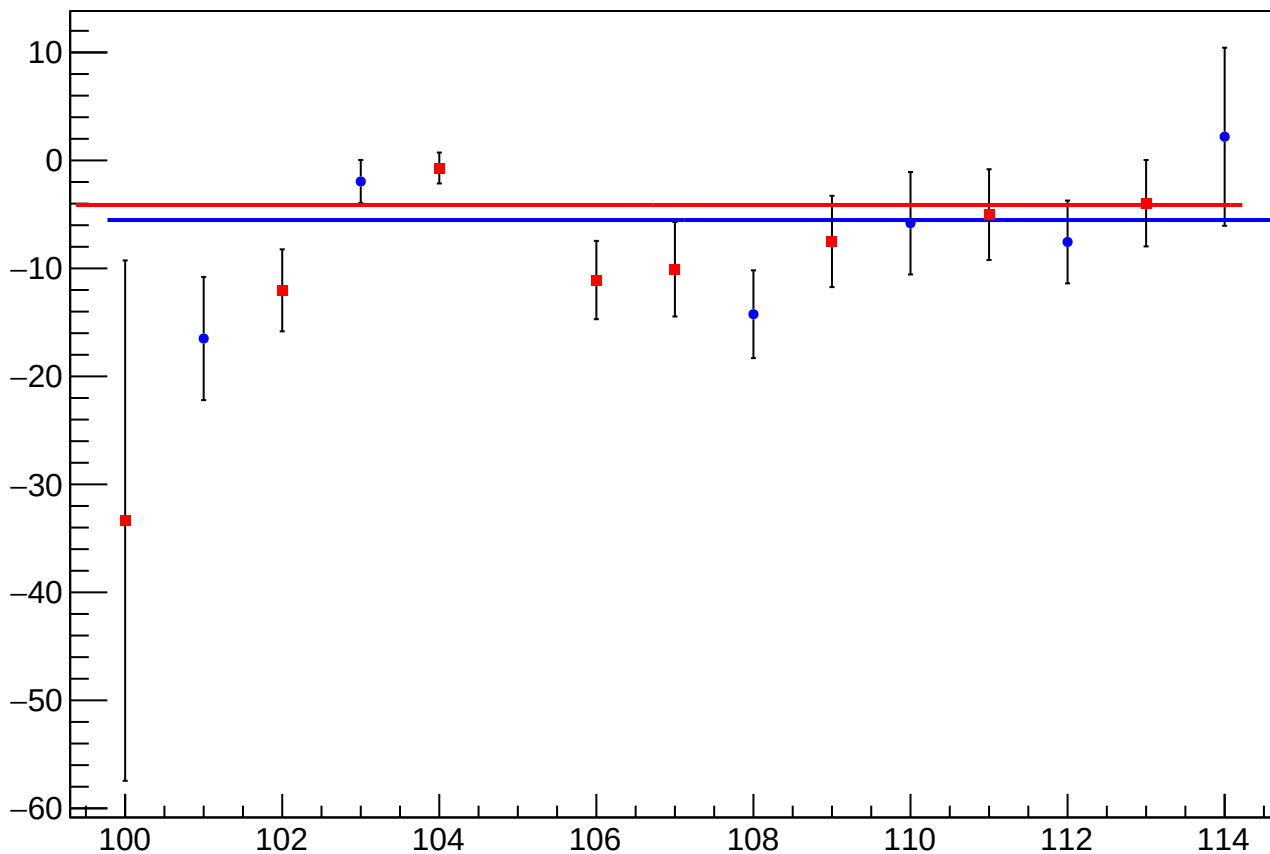
Right: 85.430+/-0.789 χ^2/NDF : 6309.2/13

In: 85.401+/-1.208 χ^2/NDF : 3012.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.430+/-0.789 χ^2/NDF : 6309.2/13

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

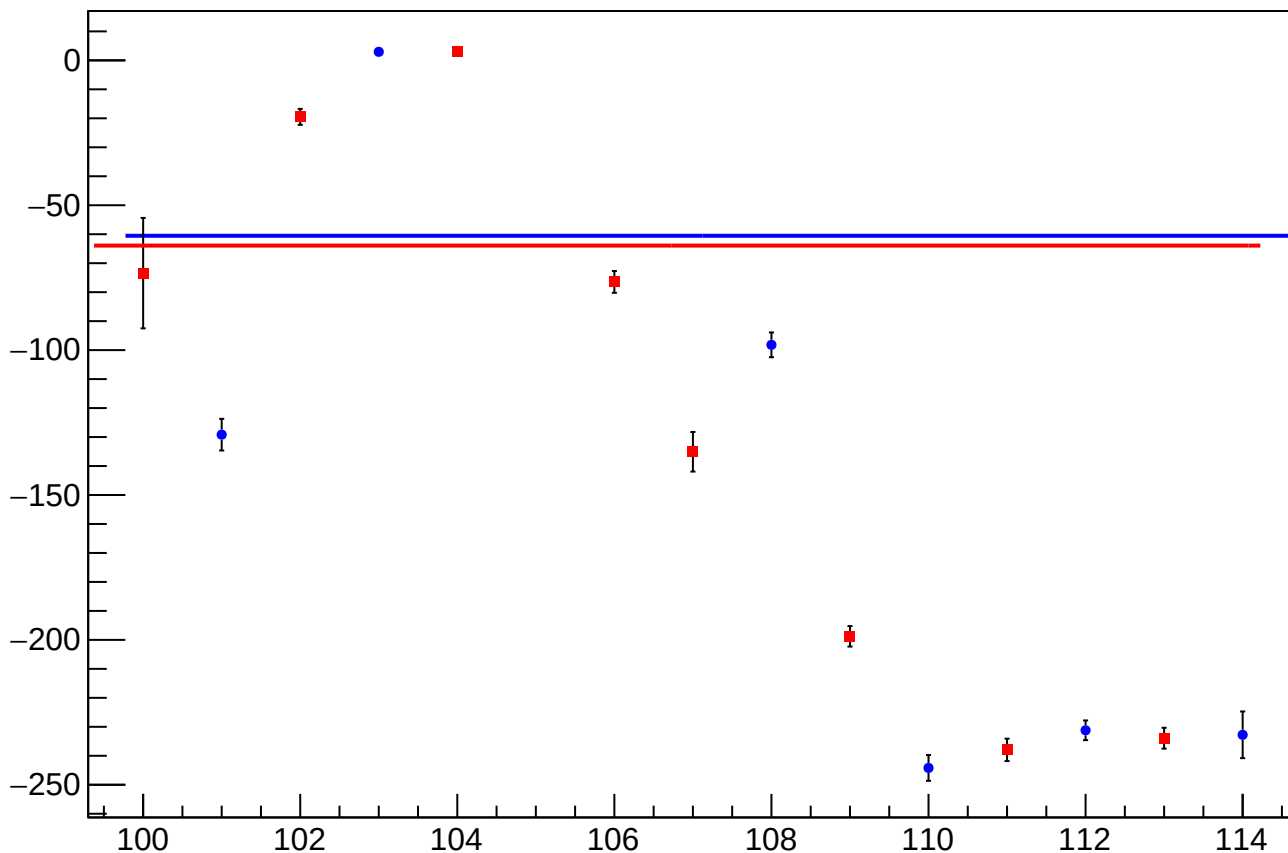
Right: -4.619+/-0.866 χ^2/NDF : 31.0/13

In: -5.520+/-1.457 χ^2/NDF : 12.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.619+/-0.866 χ^2/NDF : 31.0/13

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

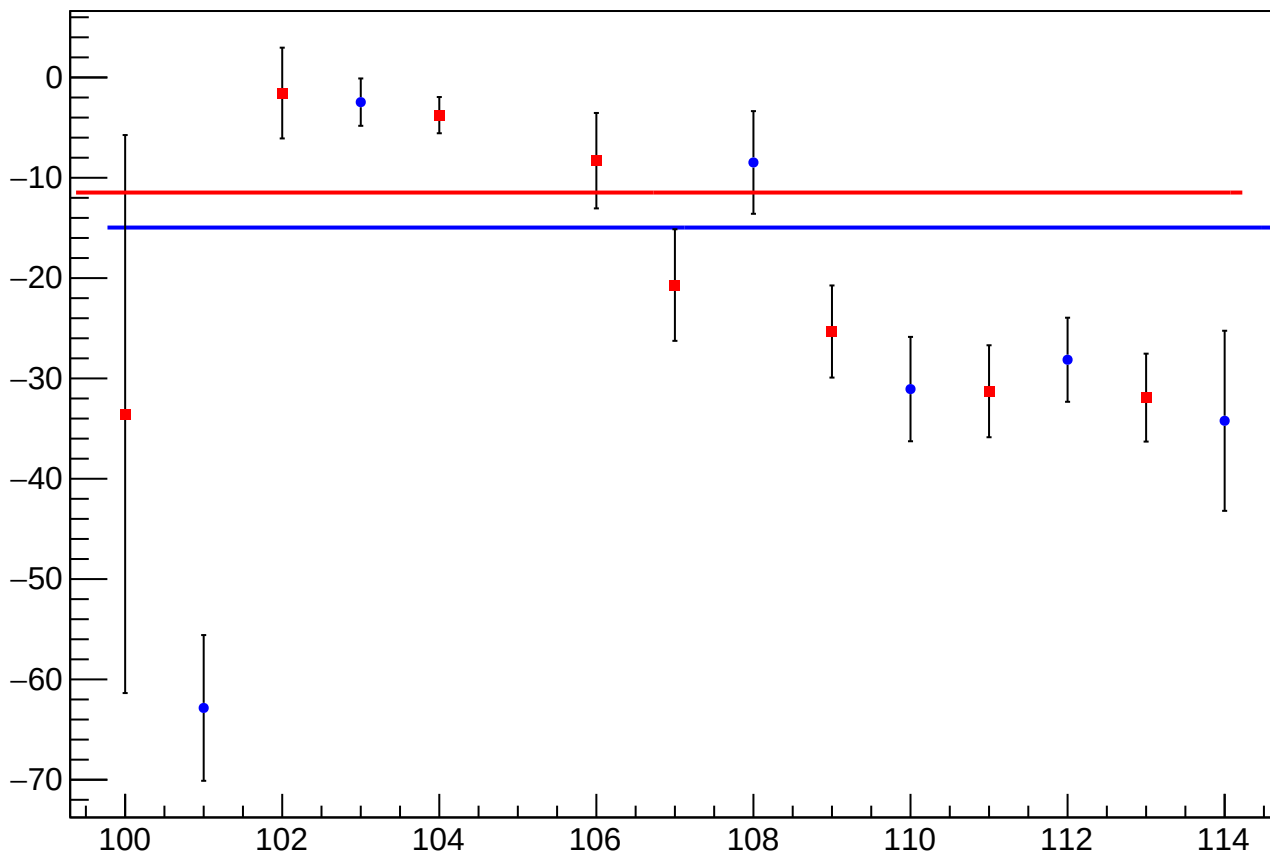
Right: -62.437+/-0.775 χ^2/NDF : 15167.2/13

In: -60.539+/-1.169 χ^2/NDF : 6907.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.437+/-0.775 χ^2/NDF : 15167.2/13

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.961+/-1.707 χ^2/NDF : 97.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.472+/-1.312 χ^2/NDF : 76.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

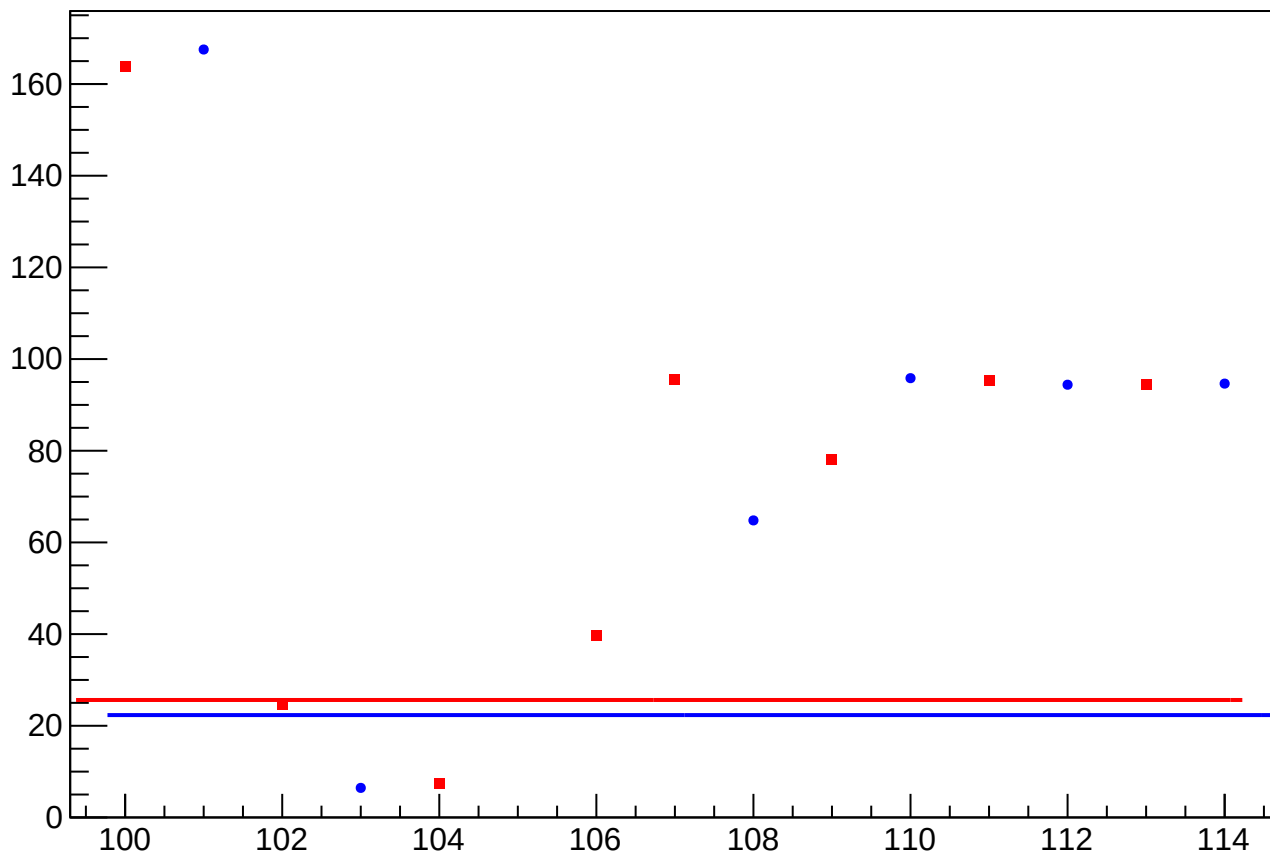
Right: -12.768+/-1.041 χ^2/NDF : 176.3/13

In: -14.961+/-1.707 χ^2/NDF : 97.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.768+/-1.041 χ^2/NDF : 176.3/13

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

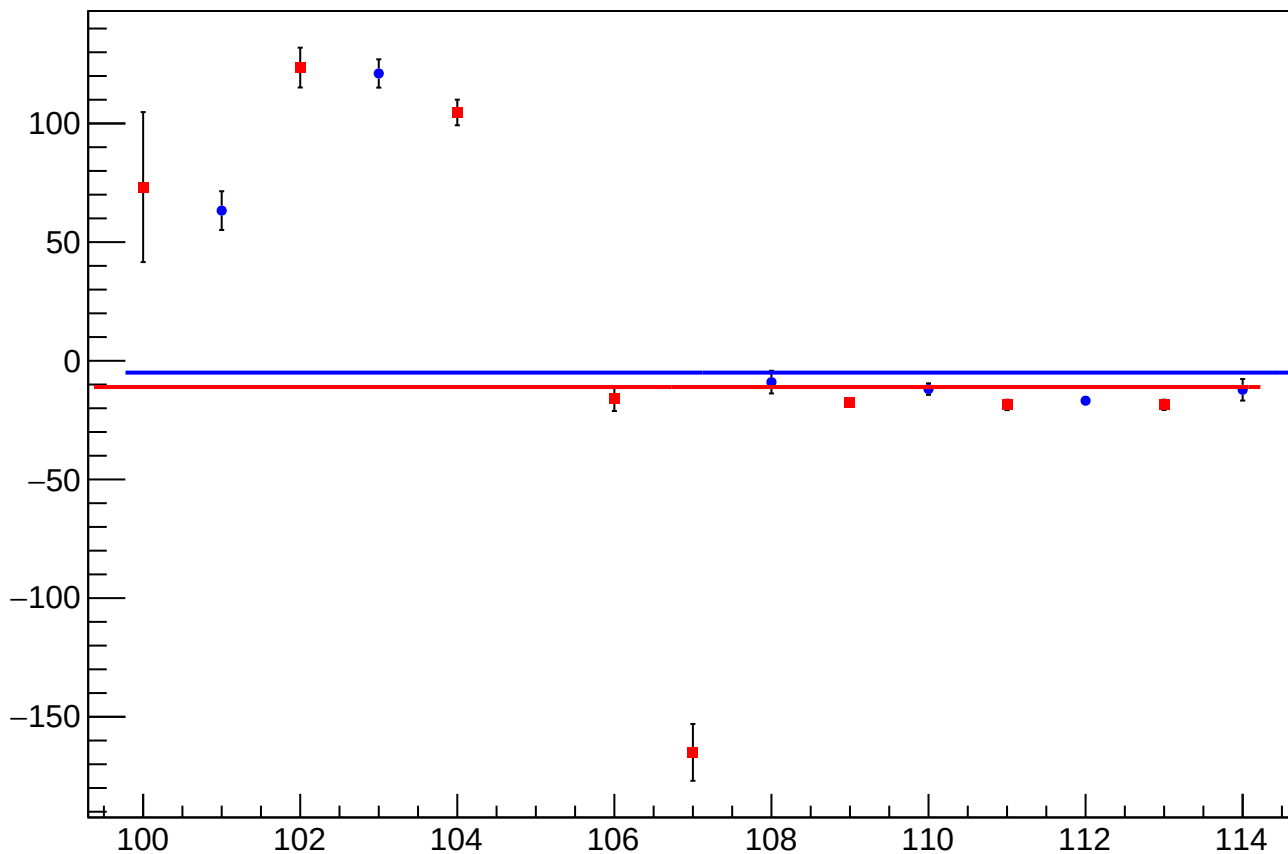
Right: 24.026+/-0.037 χ^2/NDF : 782444.5/13

In: 22.334+/-0.053 χ^2/NDF : 457292.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.026+/-0.037 χ^2/NDF : 782444.5/13

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

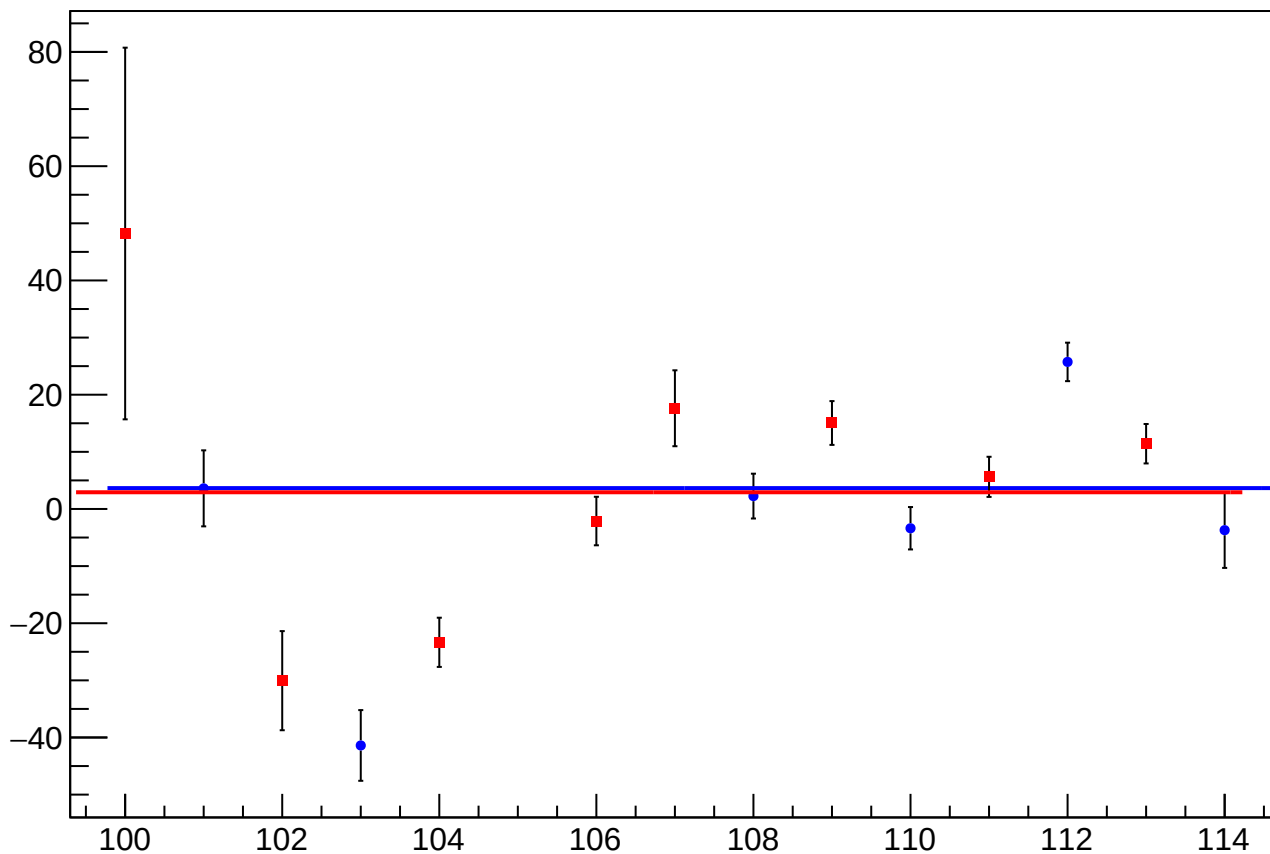
Right: -8.485+/-0.879 χ^2/NDF : 1498.7/13

In: -4.982+/-1.351 χ^2/NDF :562.2/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.485+/-0.879 χ^2/NDF : 1498.7/13

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

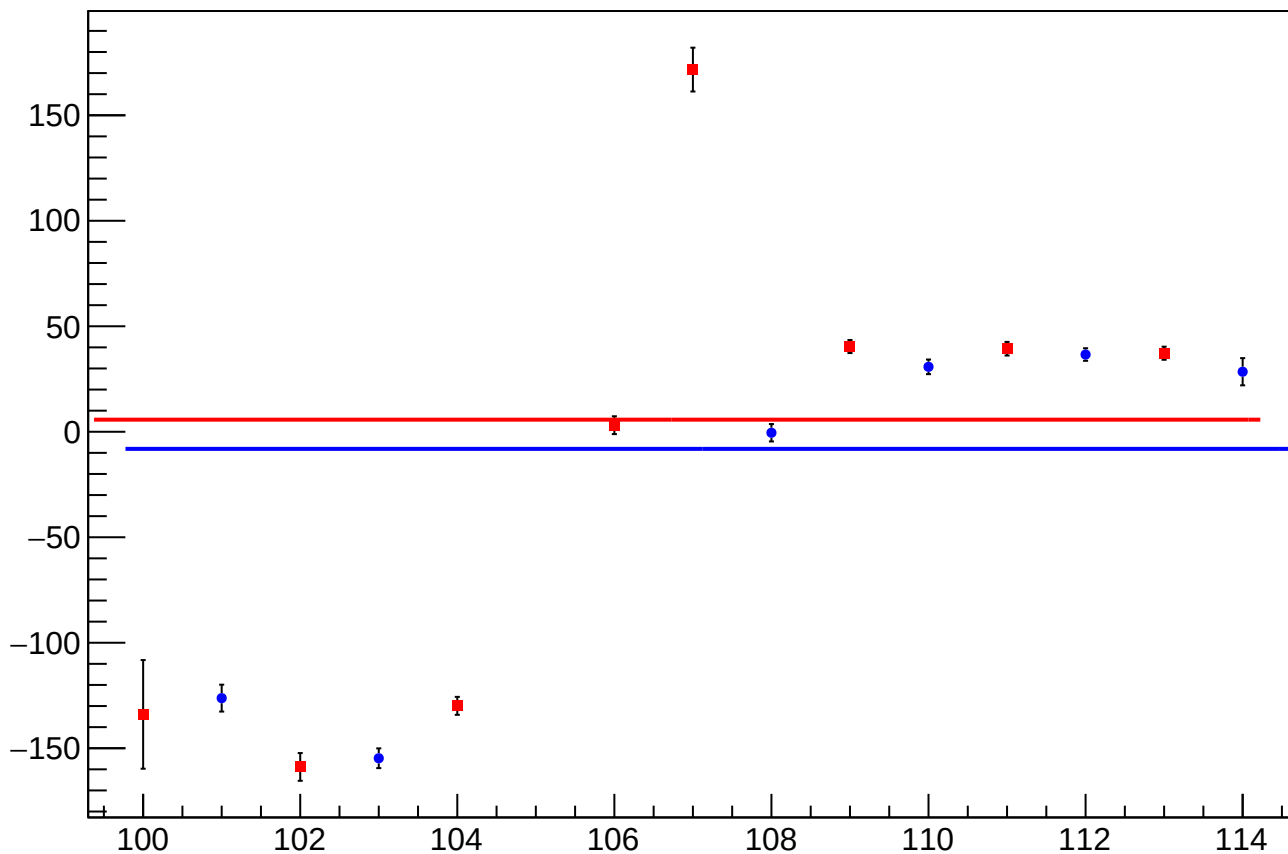
Right: 3.244 $\pm$ 1.216 χ^2 /NDF: 177.6/13

In: 3.652 $\pm$ 1.834 χ^2 /NDF:101.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.244 $\pm$ 1.216 χ^2 /NDF: 177.6/13

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

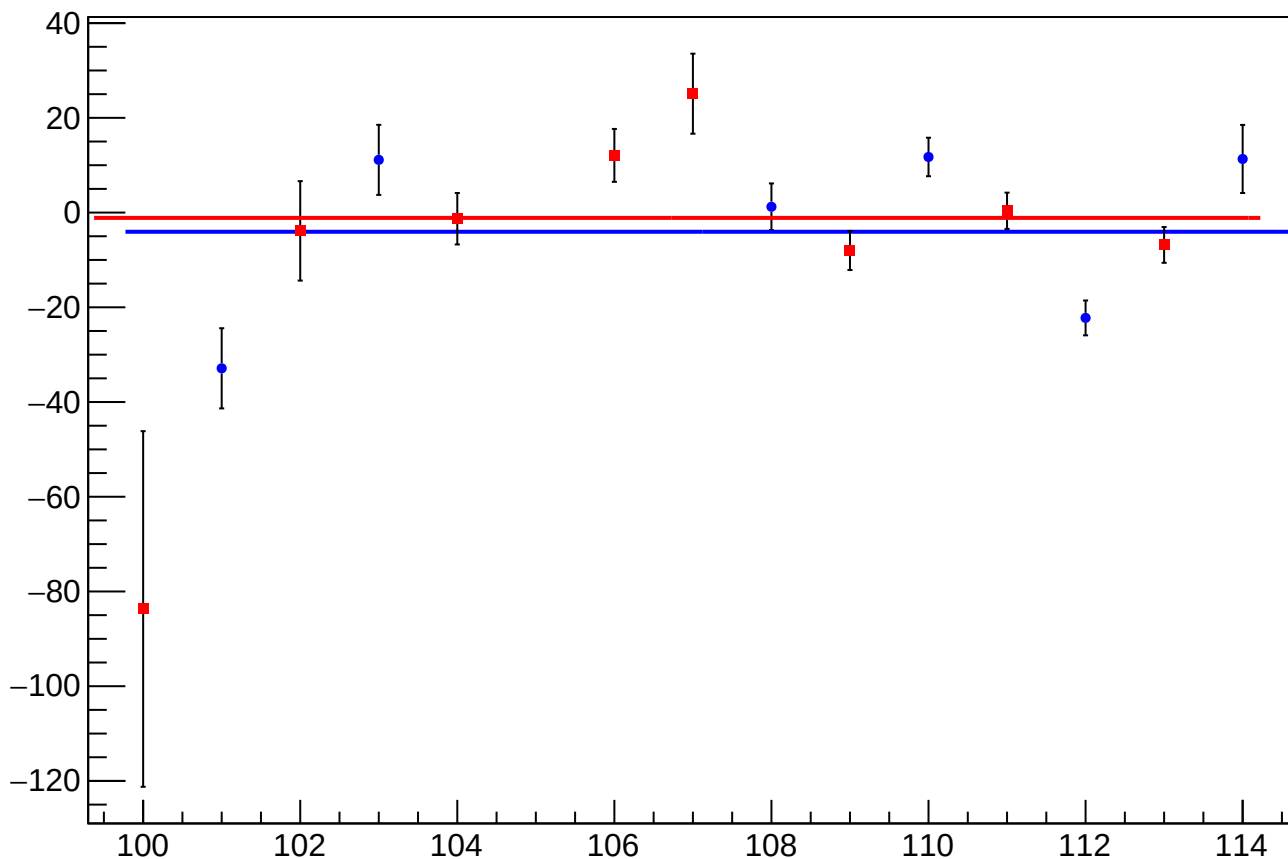
Right: -0.315+/-1.119 χ^2/NDF : 4014.7/13

In: -8.106+/-1.692 χ^2/NDF : 1712.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.315+/-1.119 χ^2/NDF : 4014.7/13

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.052 $\pm$ 2.098 χ^2 /NDF: 61.1/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.123 $\pm$ 1.868 χ^2 /NDF: 25.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

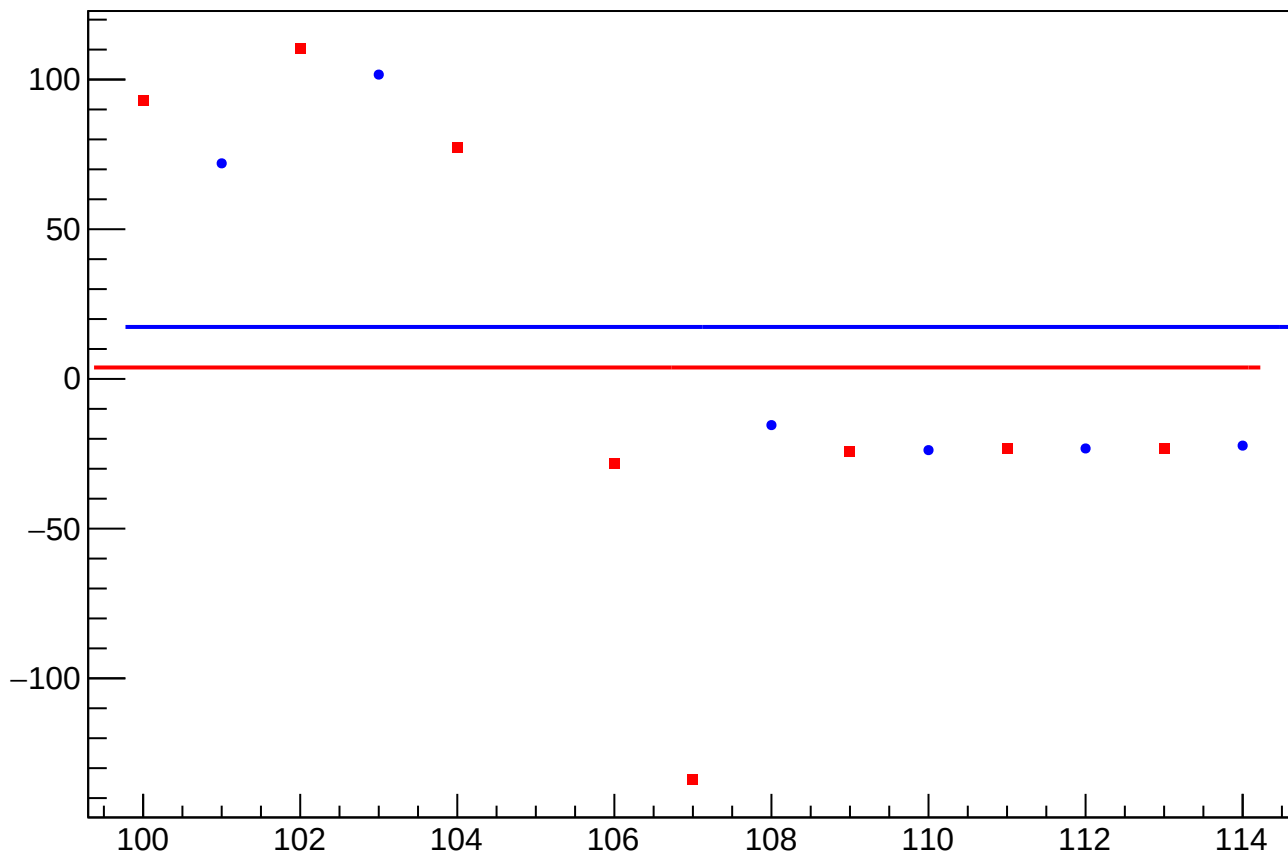
Right: -2.418 $\pm$ 1.395 χ^2 /NDF: 87.5/13

In: -4.052 $\pm$ 2.098 χ^2 /NDF:61.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.418 $\pm$ 1.395 χ^2 /NDF: 87.5/13

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.360+/-0.098 χ^2/NDF : 300767.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.824+/-0.090 χ^2/NDF : 446094.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

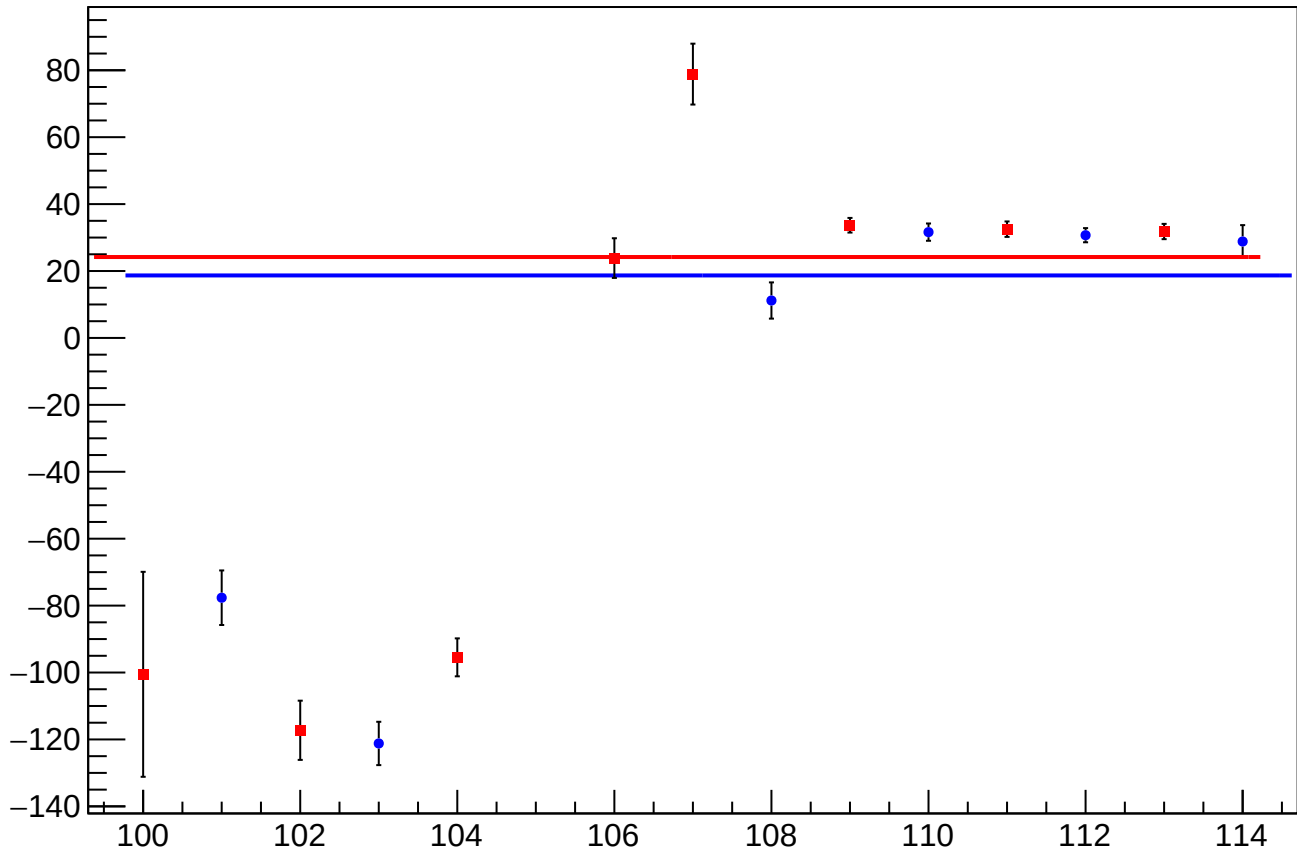
Right: 10.002+/-0.067 χ^2/NDF : 757131.0/13

In: 17.360+/-0.098 χ^2/NDF : 300767.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.002+/-0.067 χ^2/NDF : 757131.0/13

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 18.679+/-1.432 χ^2/NDF : 669.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.183+/-1.218 χ^2/NDF : 796.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

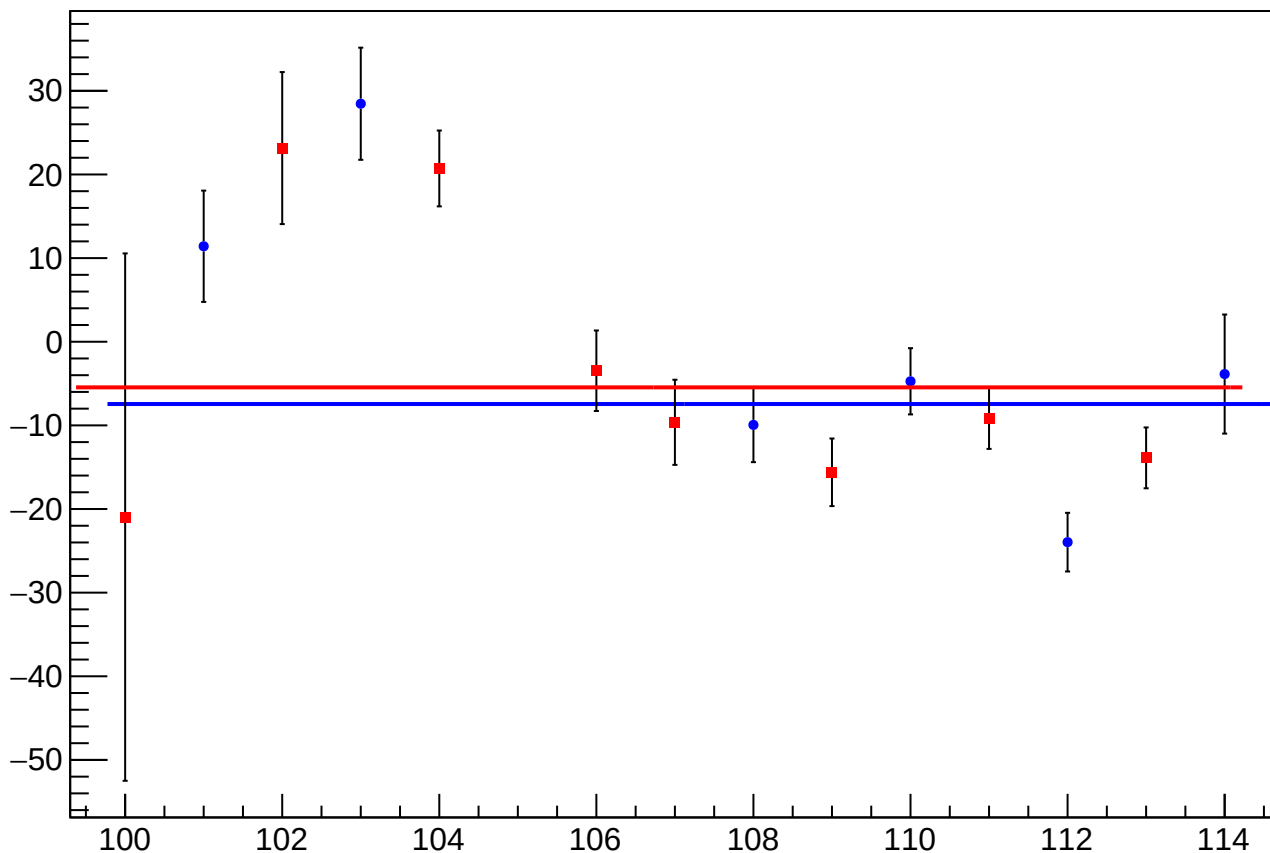
Right: 21.872+/-0.928 χ^2/NDF : 1474.6/13

In: 18.679+/-1.432 χ^2/NDF : 669.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.872+/-0.928 χ^2/NDF : 1474.6/13

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

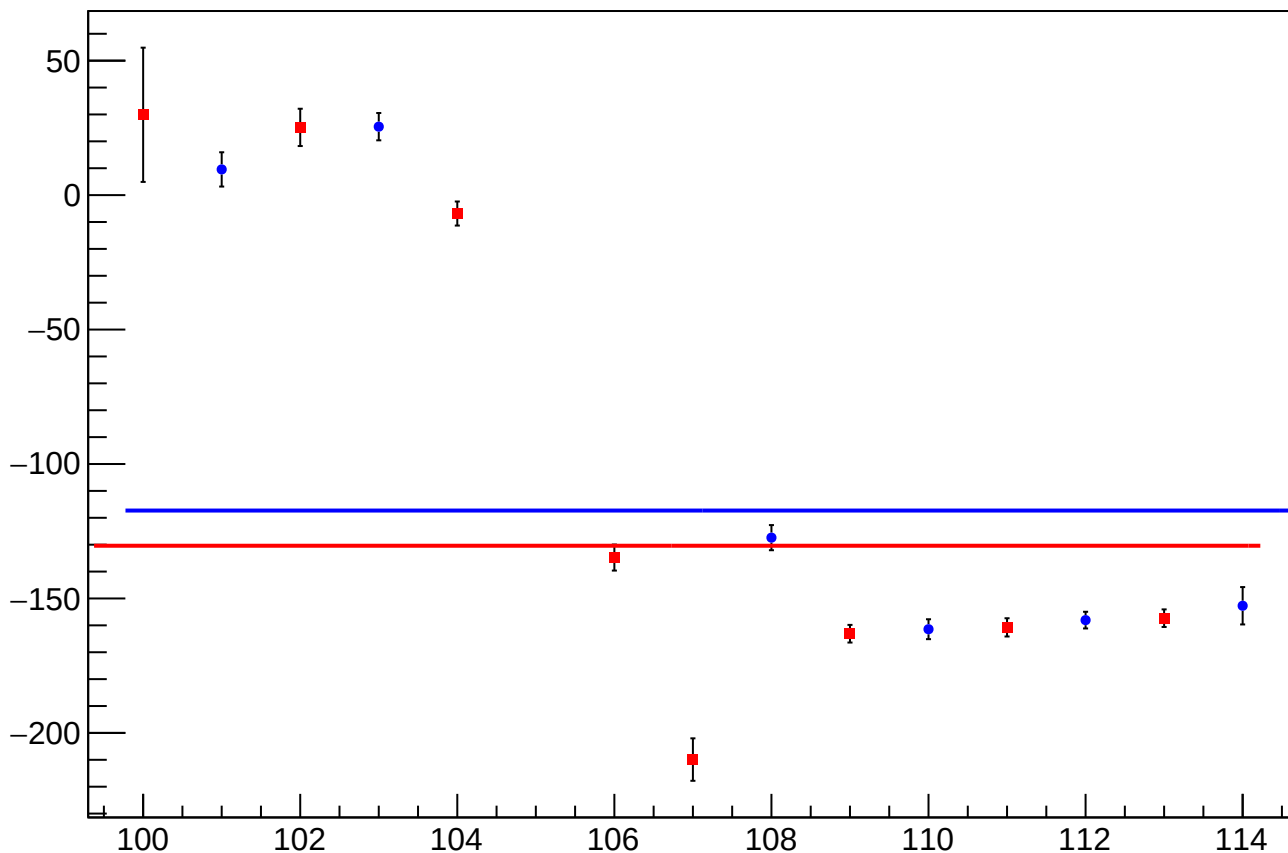
Right: -6.299+/-1.276 χ^2/NDF : 117.5/13

In: -7.447+/-1.961 χ^2/NDF : 59.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.299+/-1.276 χ^2/NDF : 117.5/13

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

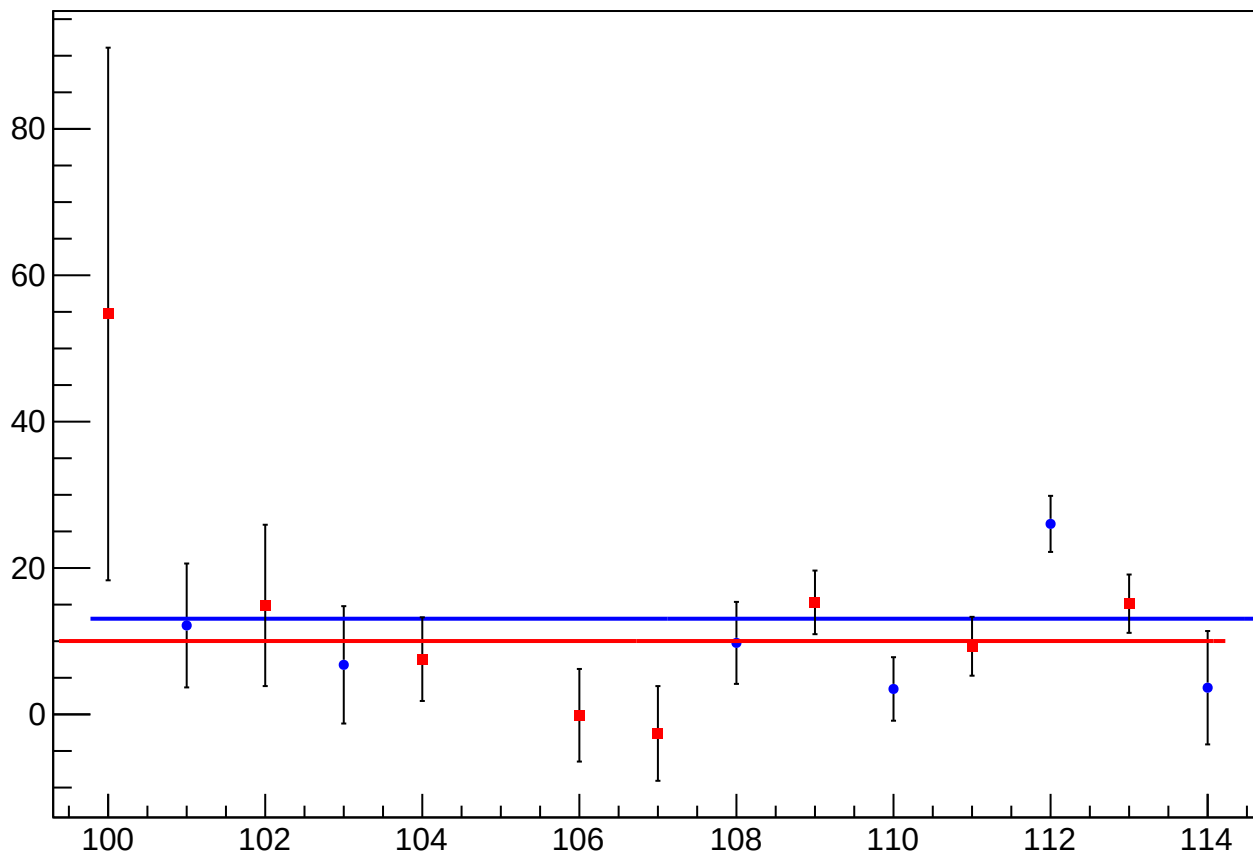
Right: -124.747+/-1.186 χ^2/NDF : 3217.8/13

In: -117.305+/-1.805 χ^2/NDF :1531.3/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -124.747+/-1.186 χ^2/NDF : 3217.8/13

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

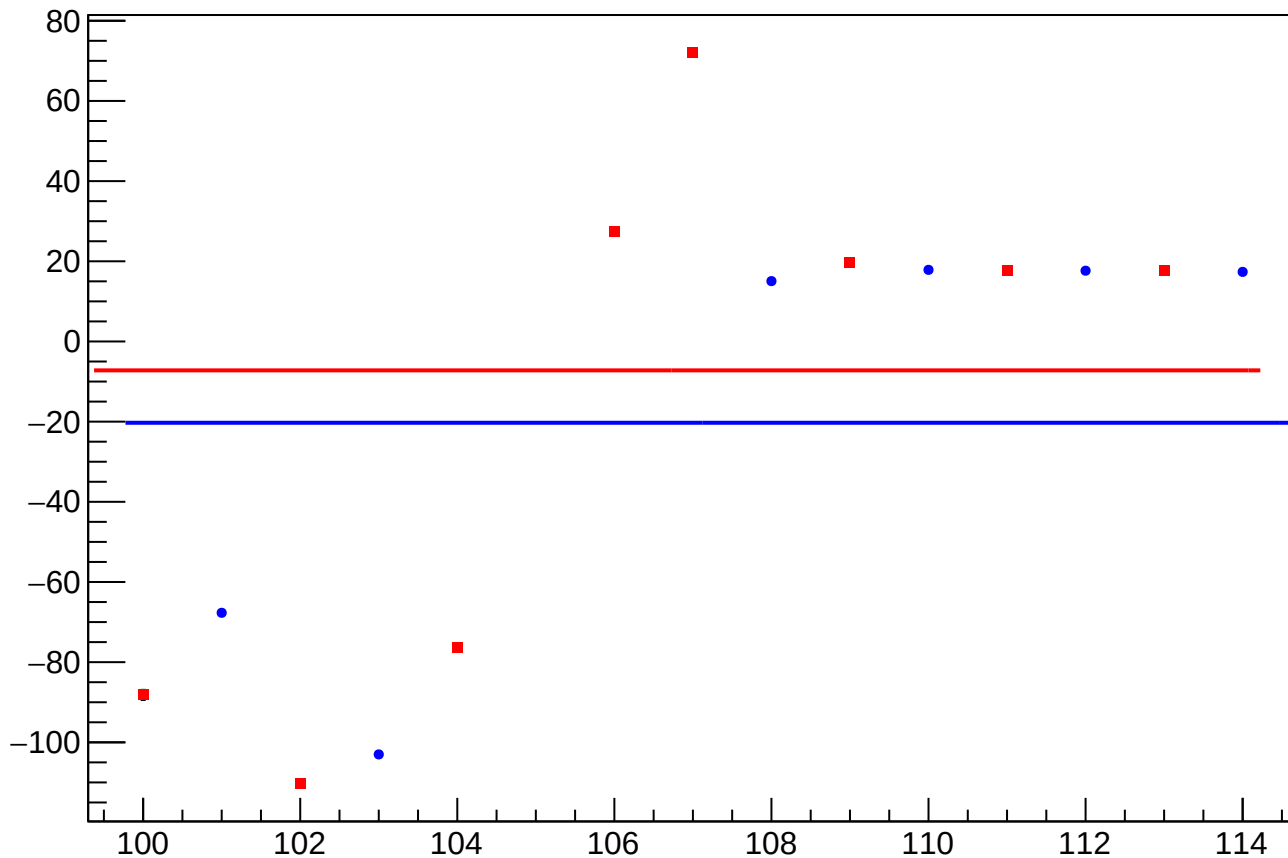
Right: 11.328 $\pm$ 1.466 χ^2 /NDF: 31.3/13

In: 13.072 $\pm$ 2.240 χ^2 /NDF: 18.8/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.328 $\pm$ 1.466 χ^2 /NDF: 31.3/13

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

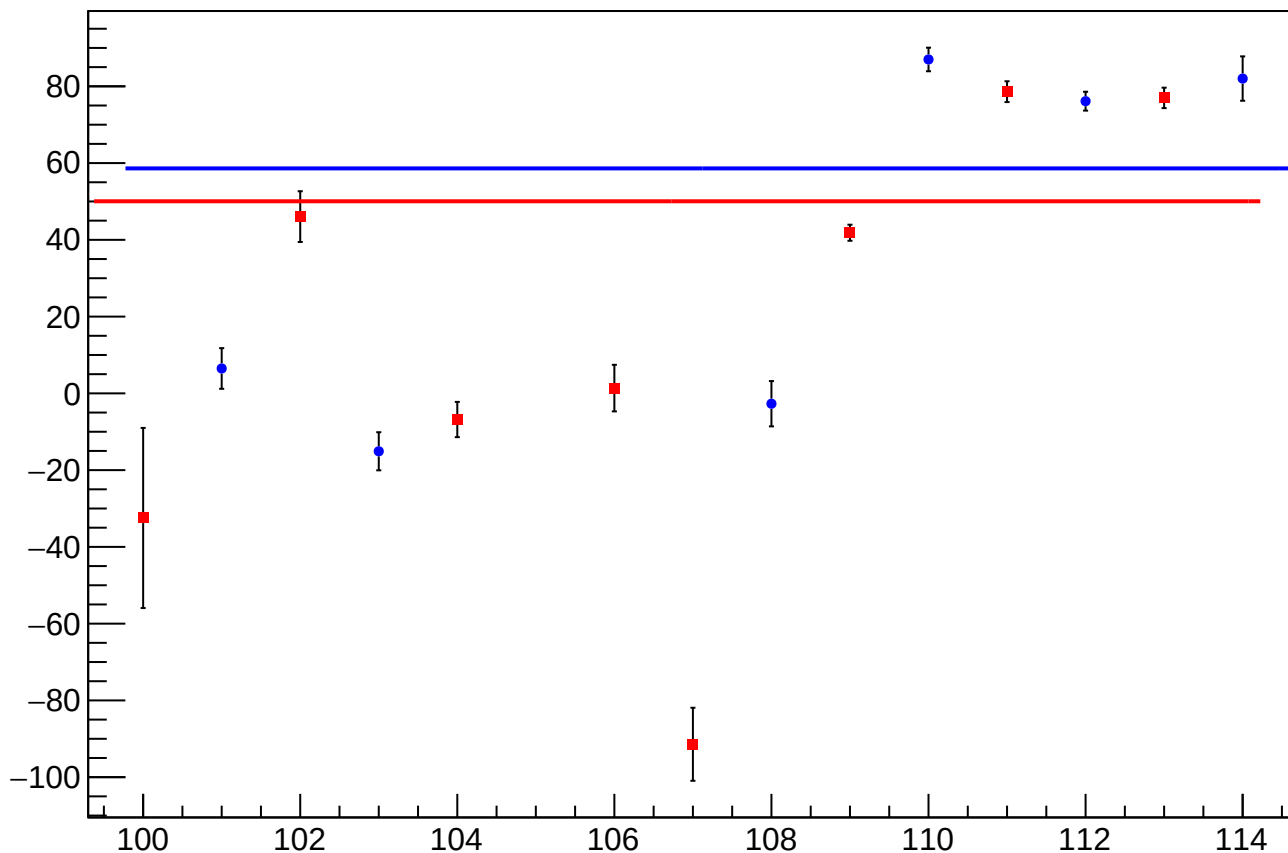
Right: -13.003+/-0.071 χ^2/NDF : 592003.2/13

In: -20.278+/-0.107 χ^2/NDF : 245326.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.003+/-0.071 χ^2/NDF : 592003.2/13

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

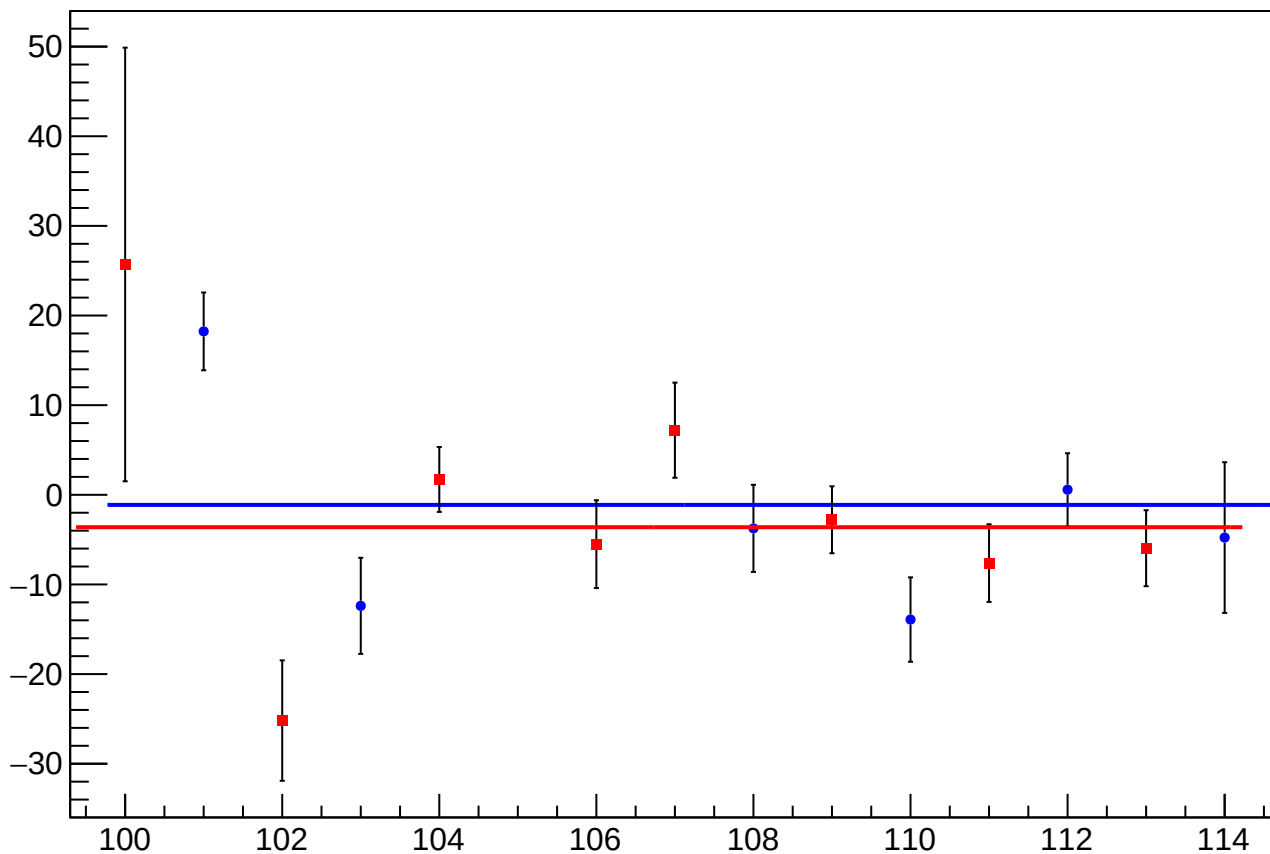
Right: 53.452+/-0.989 χ^2/NDF : 1275.8/13

In: 58.614+/-1.569 χ^2/NDF : 577.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.452+/-0.989 χ^2/NDF : 1275.8/13

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.125+/-2.000 χ^2/NDF : 32.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.615+/-1.671 χ^2/NDF : 19.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

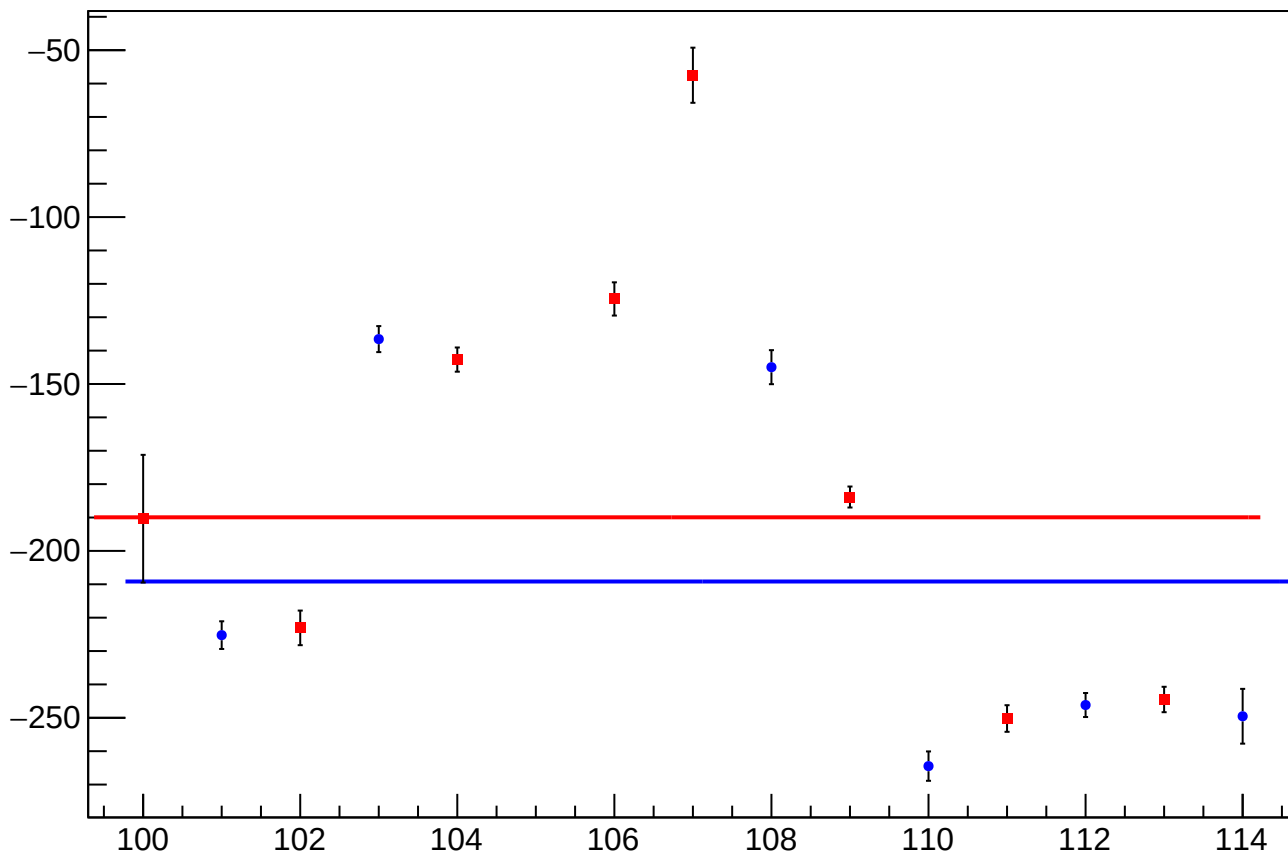
Right: -2.591+/-1.282 χ^2/NDF : 52.7/13

In: -1.125+/-2.000 χ^2/NDF : 32.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.591+/-1.282 χ^2/NDF : 52.7/13

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

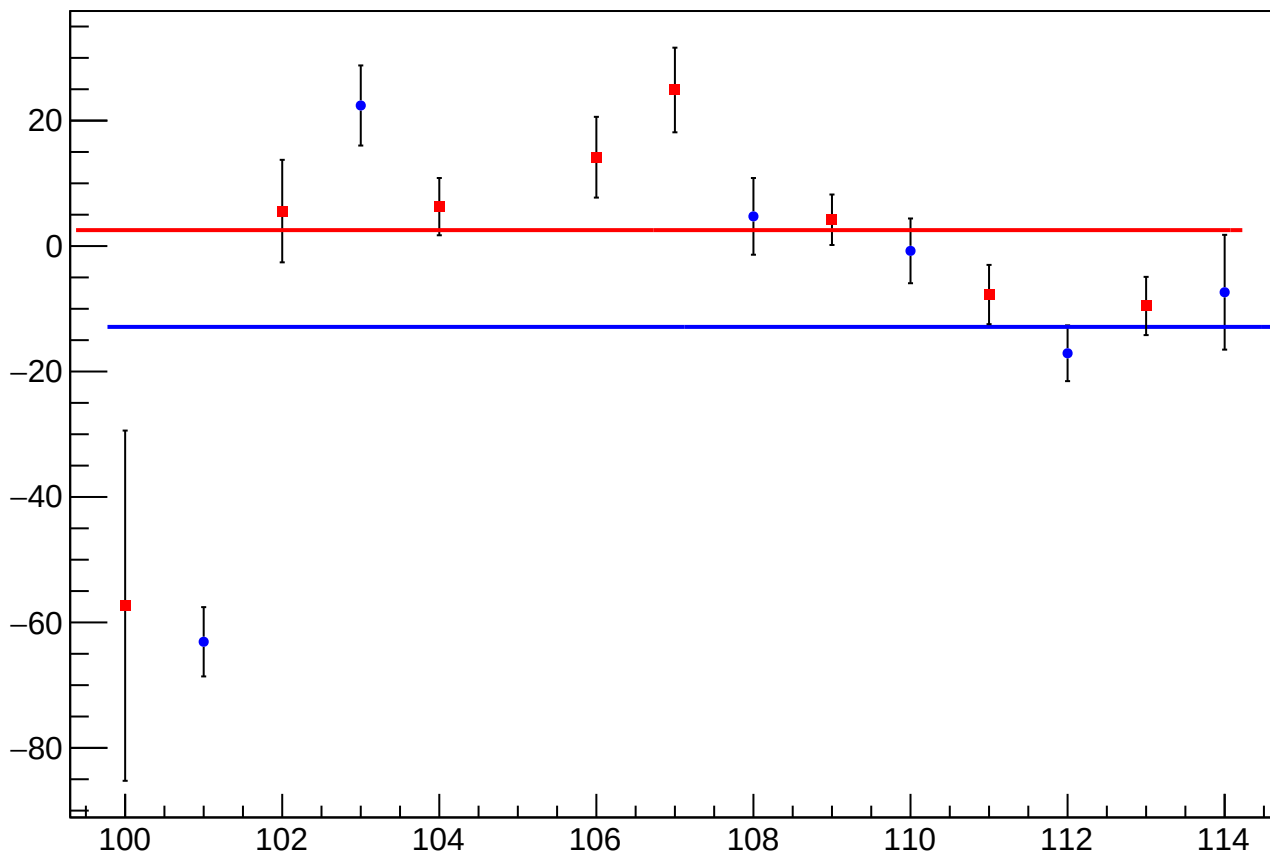
Right: -198.226+/-1.186 χ^2 /NDF: 1951.7/13

In: -209.166+/-1.807 χ^2 /NDF:808.8/5

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -198.226+/-1.186 χ^2 /NDF: 1951.7/13

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

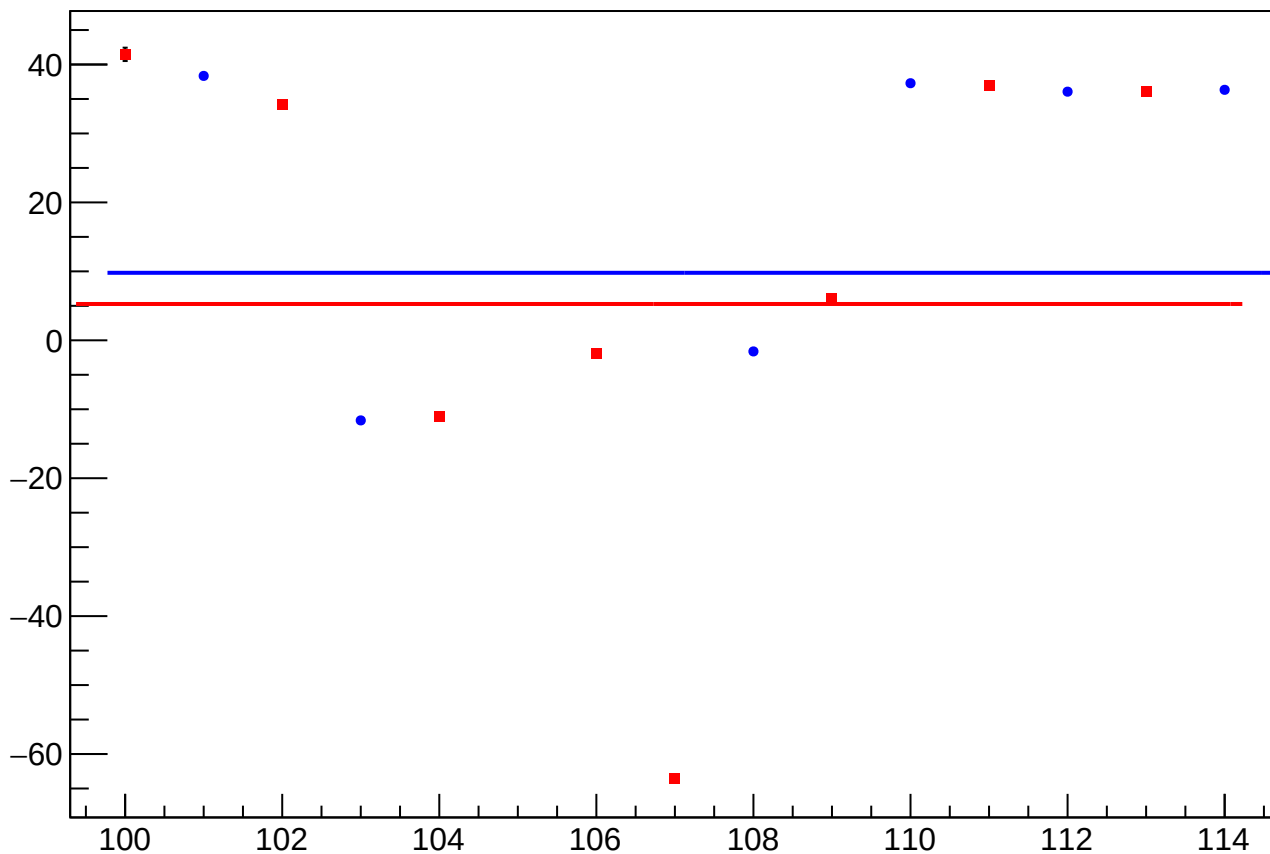
Right: -3.808 $\pm$ 1.495 χ^2 /NDF: 185.3/13

In: -12.886 $\pm$ 2.330 χ^2 /NDF:128.2/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.808 $\pm$ 1.495 χ^2 /NDF: 185.3/13

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

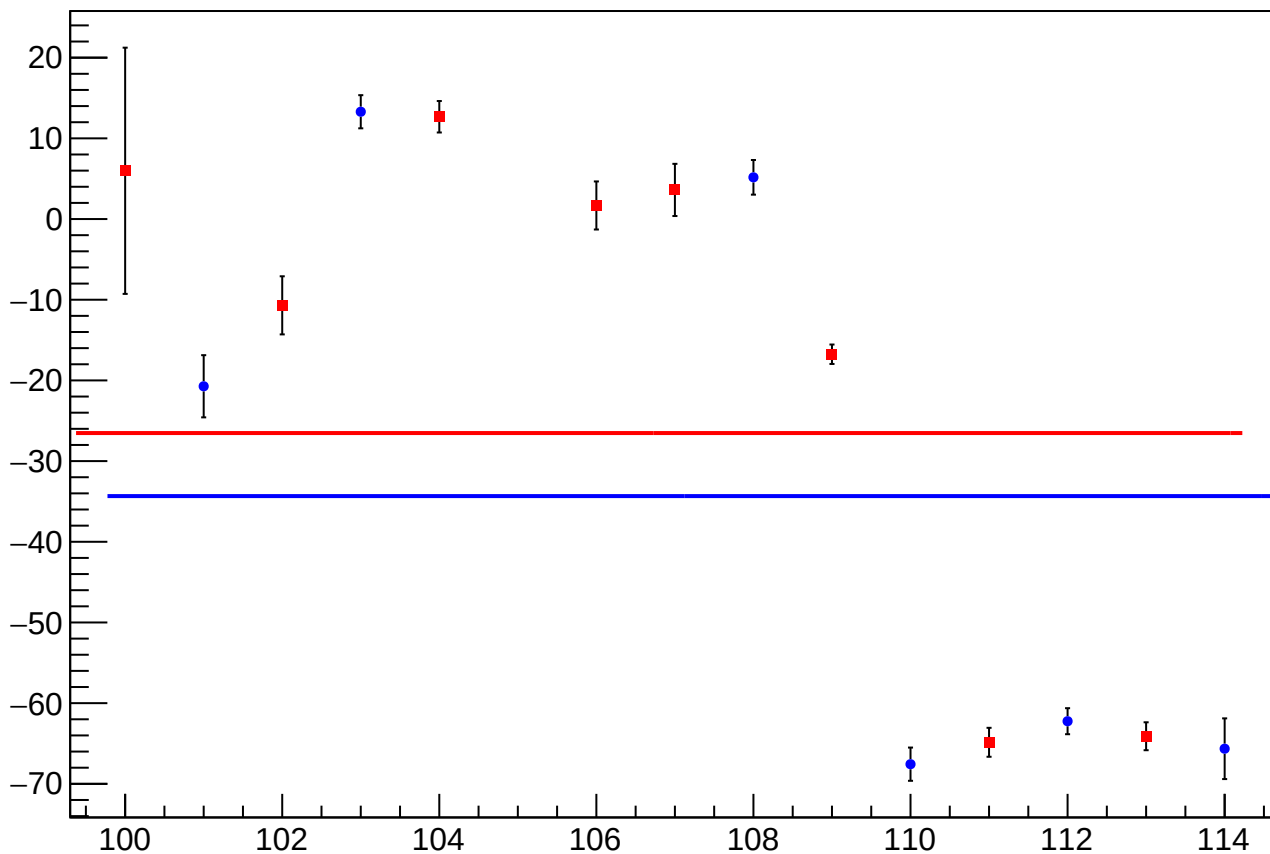
Right: 7.273+/-0.067 χ^2/NDF : 142083.9/13

In: 9.791+/-0.100 χ^2/NDF : 49772.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.273+/-0.067 χ^2/NDF : 142083.9/13

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

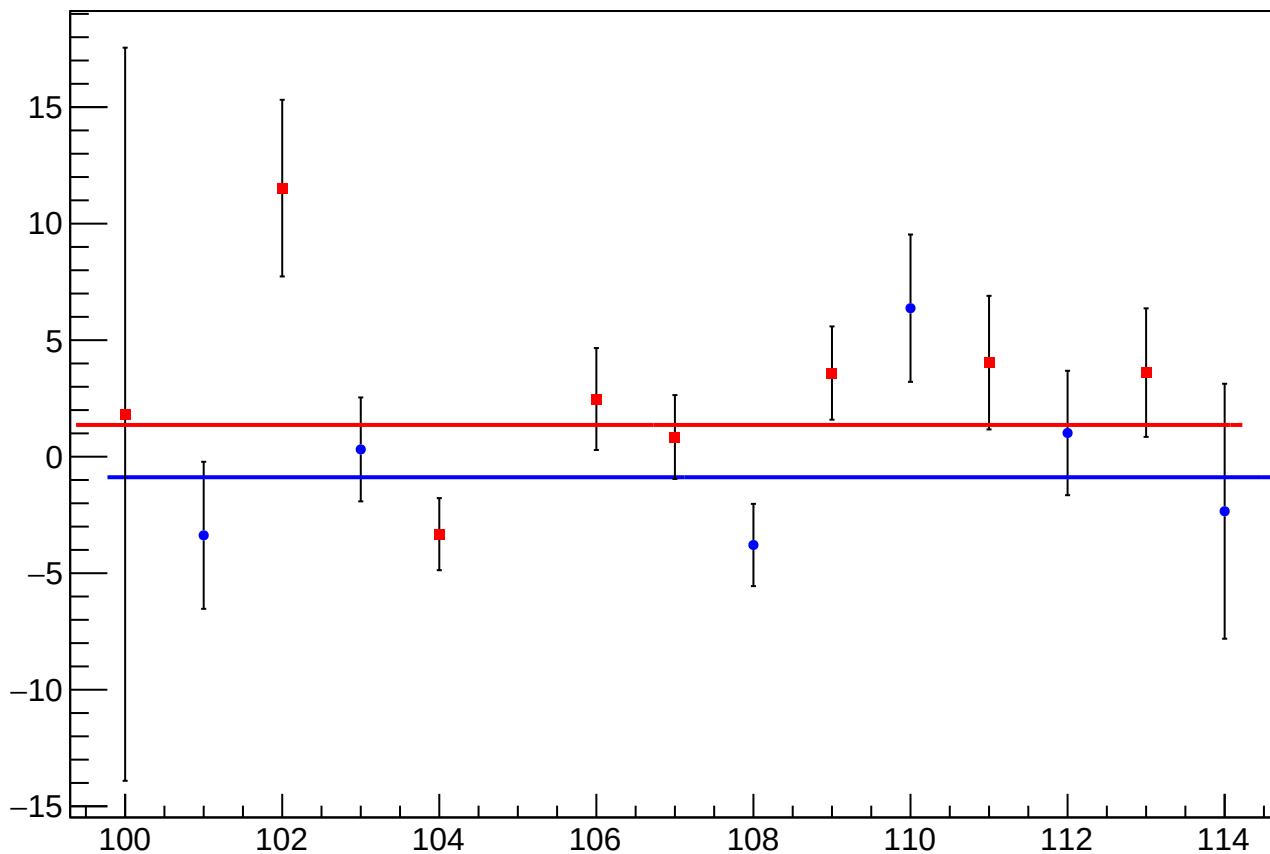
Right: -29.579 $\pm$ 0.568 χ^2 /NDF: 3160.3/13

In: -34.337 $\pm$ 0.908 χ^2 /NDF:1517.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.579 $\pm$ 0.568 χ^2 /NDF: 3160.3/13

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.882 $\pm$ 1.056 χ^2 /NDF: 9.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.362 $\pm$ 0.813 χ^2 /NDF: 19.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

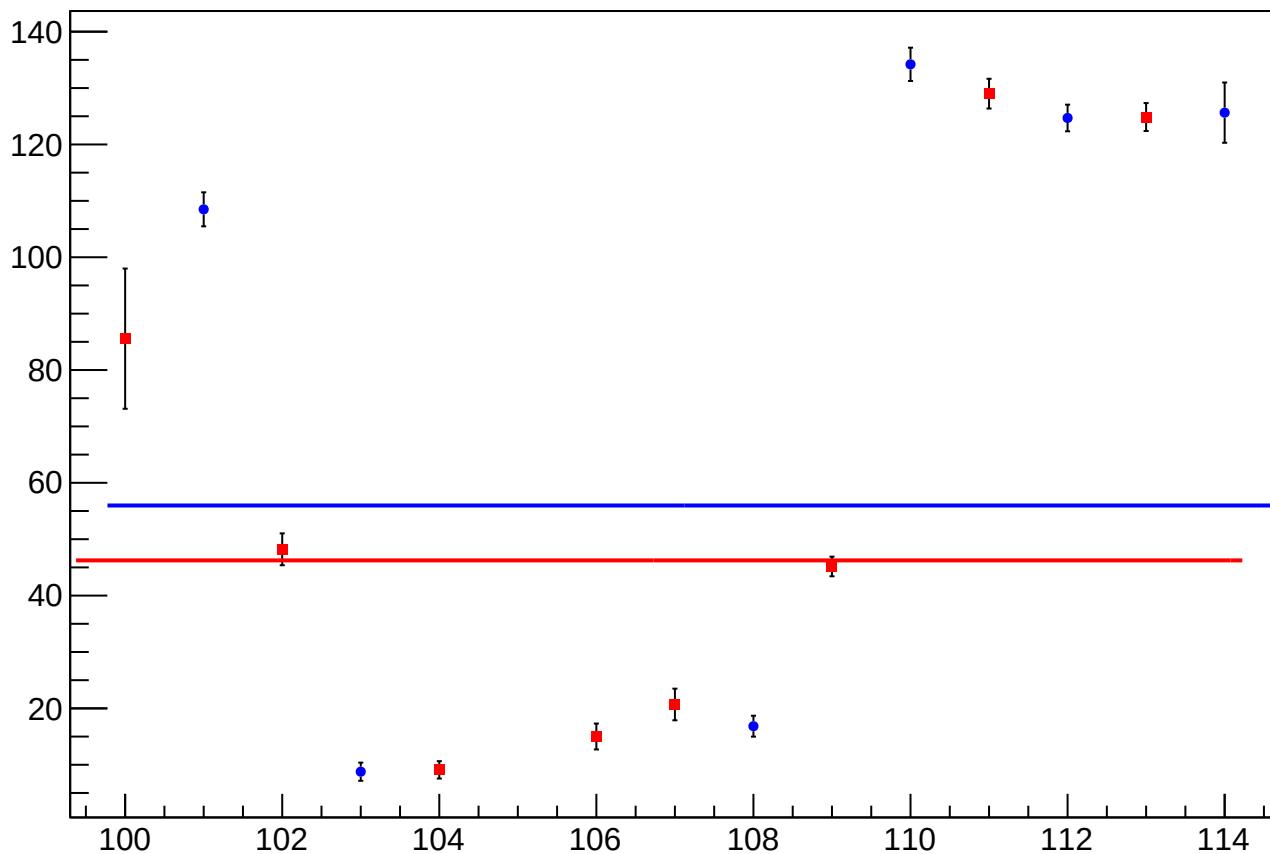
Right: 0.527 $\pm$ 0.644 χ^2 /NDF: 31.8/13

In: -0.882 $\pm$ 1.056 χ^2 /NDF:9.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.527 $\pm$ 0.644 χ^2 /NDF: 31.8/13

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

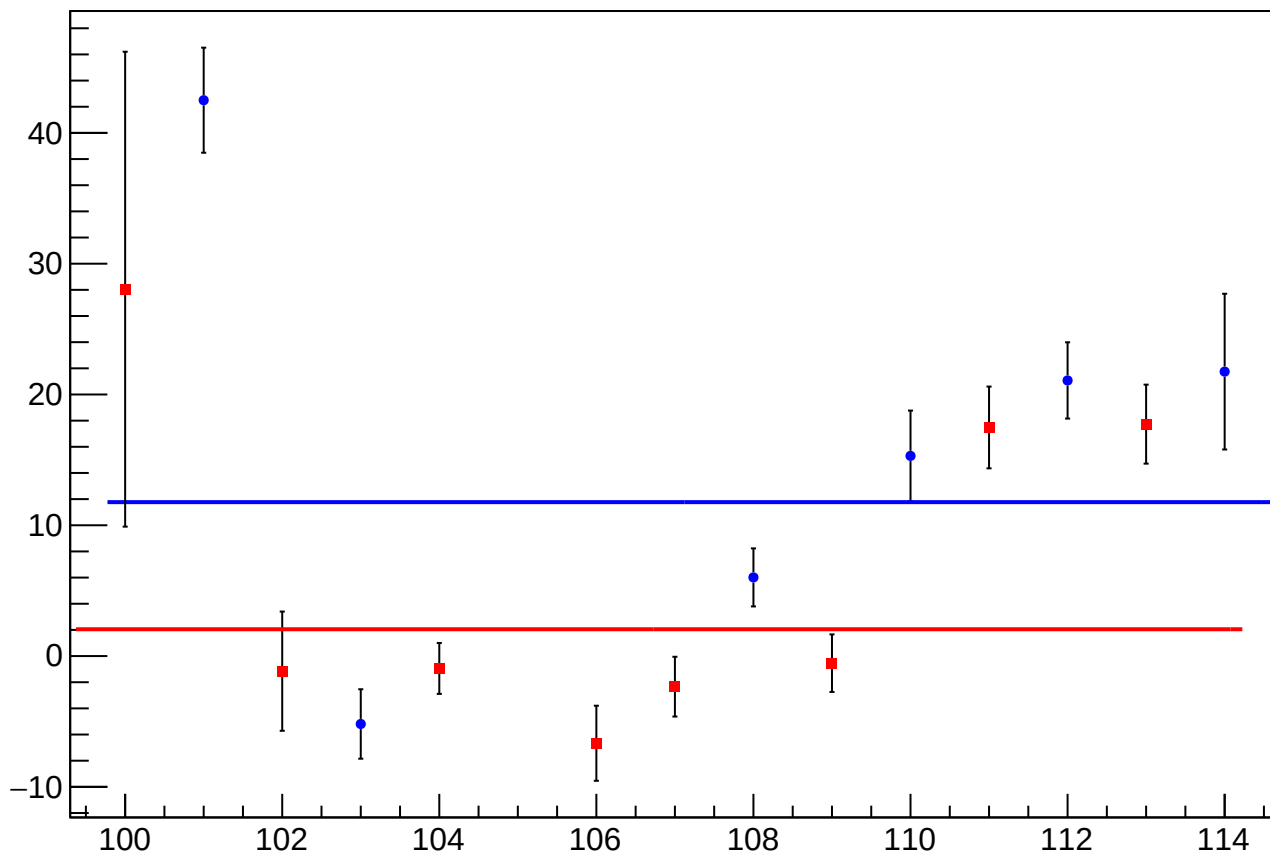
Right: 50.379+/-0.618 χ^2/NDF : 6238.2/13

In: 55.979+/-0.947 χ^2/NDF :3323.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.379+/-0.618 χ^2/NDF : 6238.2/13

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.769+/-1.254 χ^2/NDF : 120.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.050+/-0.978 χ^2/NDF : 70.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

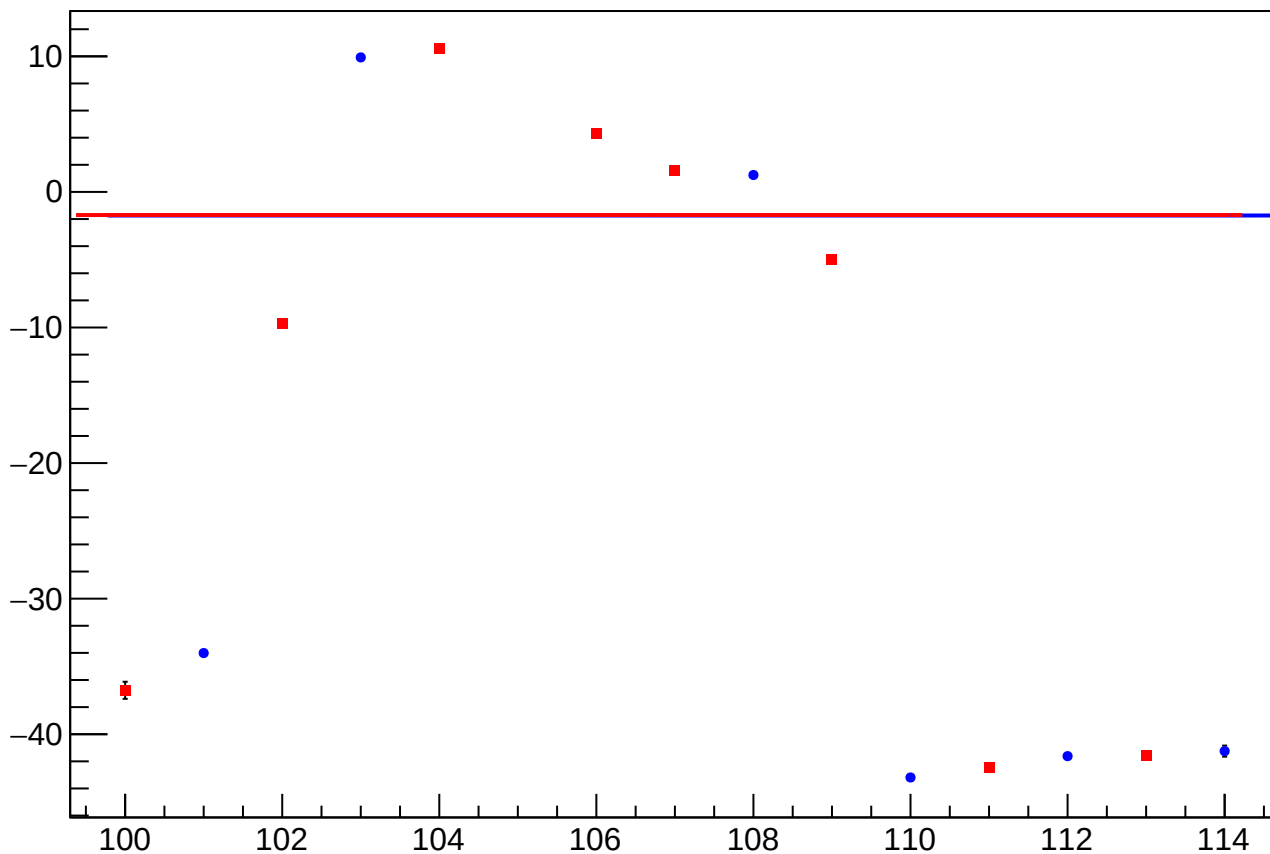
Right: 5.724+/-0.771 χ^2/NDF : 228.0/13

In: 11.769+/-1.254 χ^2/NDF : 120.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.724+/-0.771 χ^2/NDF : 228.0/13

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.738+/-0.046 χ^2/NDF : 148343.4/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.705+/-0.043 χ^2/NDF : 123050.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

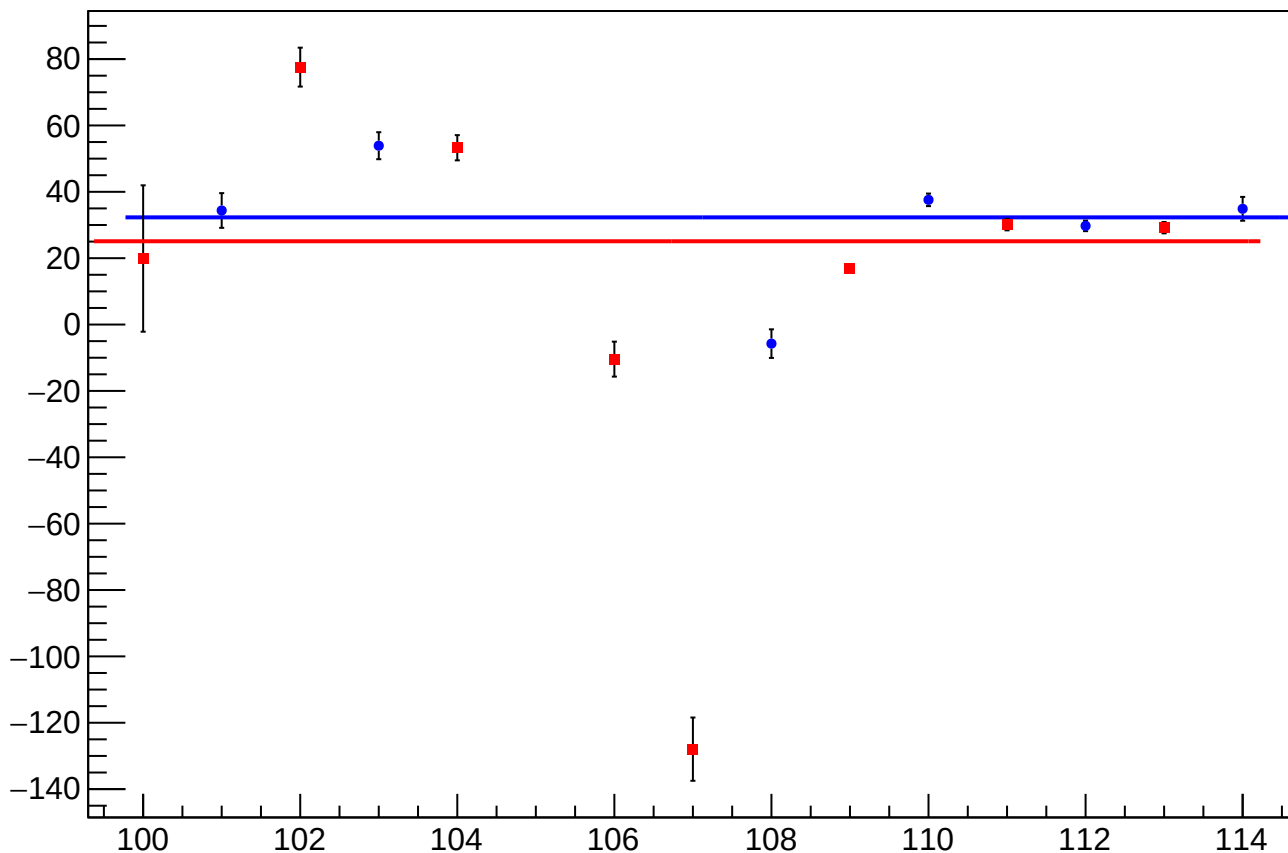
Right: -1.721+/-0.031 χ^2/NDF : 271394.4/13

In: -1.738+/-0.046 χ^2/NDF :148343.4/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.721+/-0.031 χ^2/NDF : 271394.4/13

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.303+/-1.053 χ^2/NDF : 117.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.101+/-0.887 χ^2/NDF : 481.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

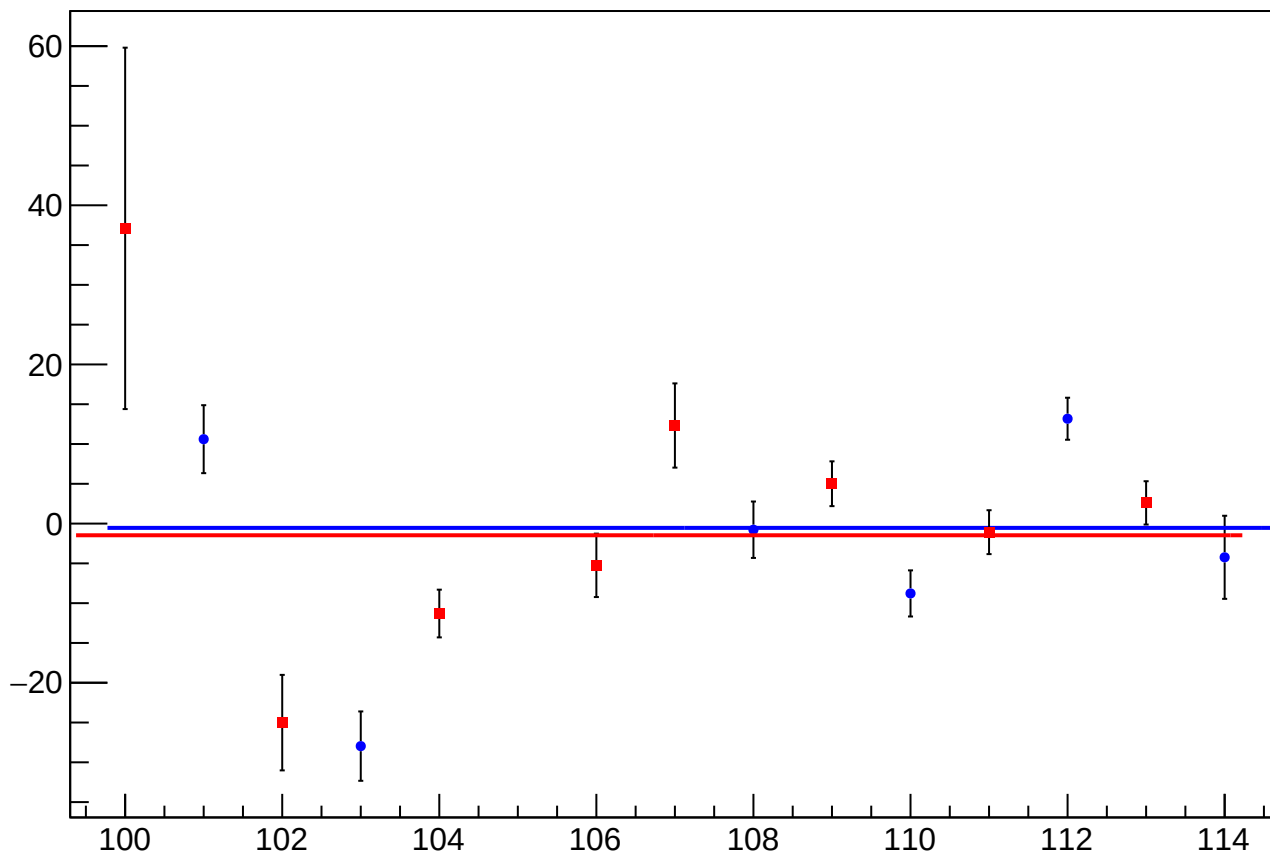
Right: 28.090+/-0.679 χ^2/NDF : 626.2/13

In: 32.303+/-1.053 χ^2/NDF : 117.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.090+/-0.679 χ^2/NDF : 626.2/13

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.538 $\pm$ 1.434 χ^2 /NDF: 82.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.468 $\pm$ 1.257 χ^2 /NDF: 44.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

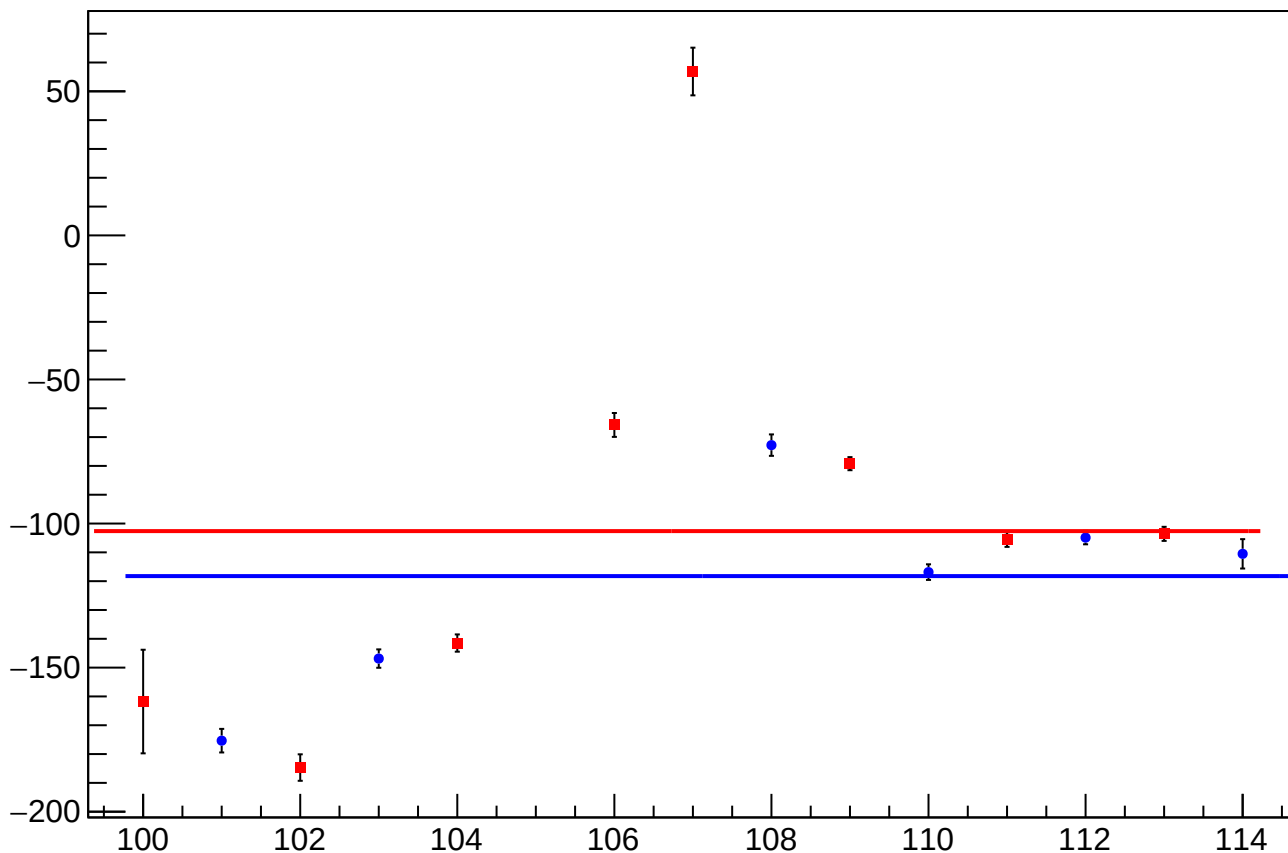
Right: -1.064 $\pm$ 0.945 χ^2 /NDF: 126.5/13

In: -0.538 $\pm$ 1.434 χ^2 /NDF:82.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.064 $\pm$ 0.945 χ^2 /NDF: 126.5/13

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

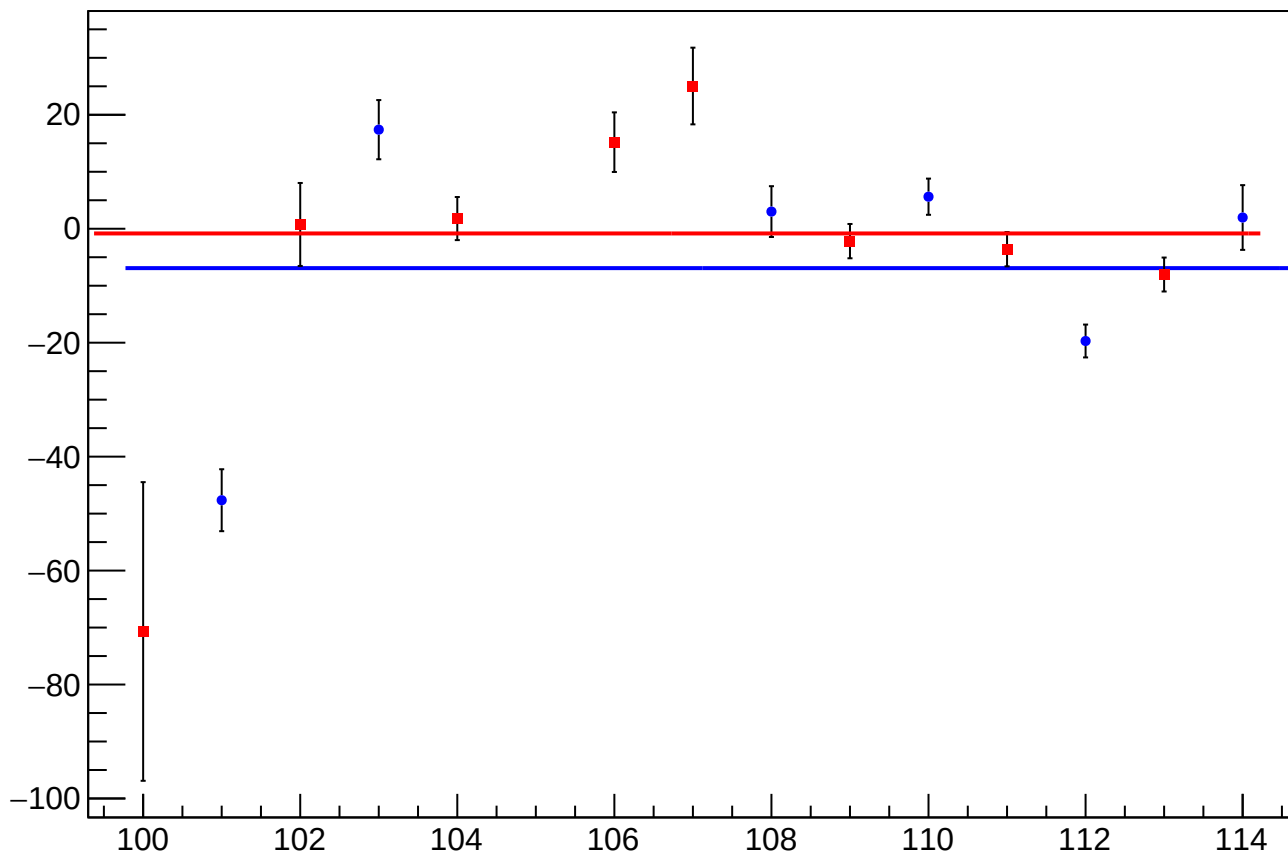
Right: -109.479+/-0.864 χ^2/NDF : 1596.4/13

In: -118.239+/-1.304 χ^2/NDF : 459.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.479+/-0.864 χ^2/NDF : 1596.4/13

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.912+/-1.641 χ^2/NDF : 120.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.826+/-1.439 χ^2/NDF : 38.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

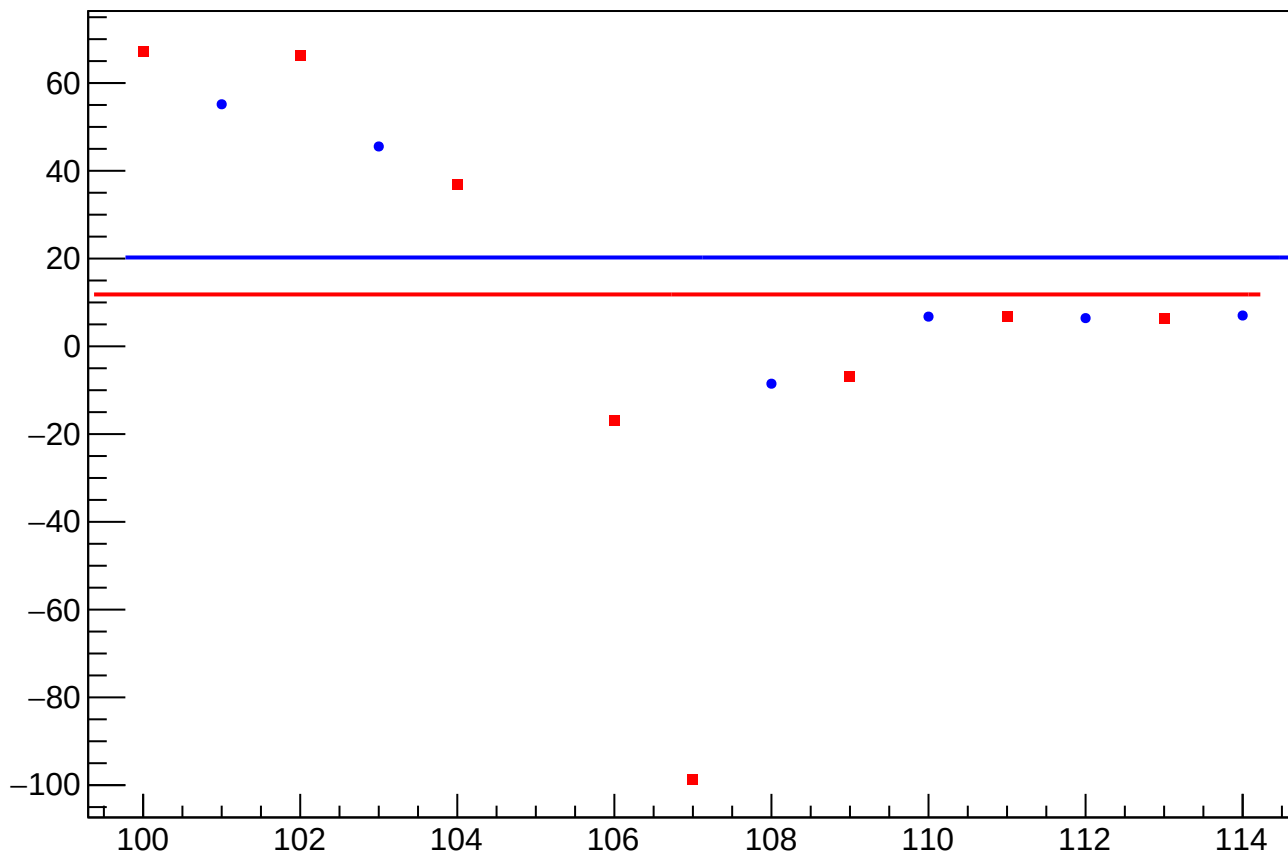
Right: -3.473+/-1.082 χ^2/NDF : 167.2/13

In: -6.912+/-1.641 χ^2/NDF : 120.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.473+/-1.082 χ^2/NDF : 167.2/13

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 20.246+/-0.076 χ^2/NDF : 102937.5/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.823+/-0.071 χ^2/NDF : 250610.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

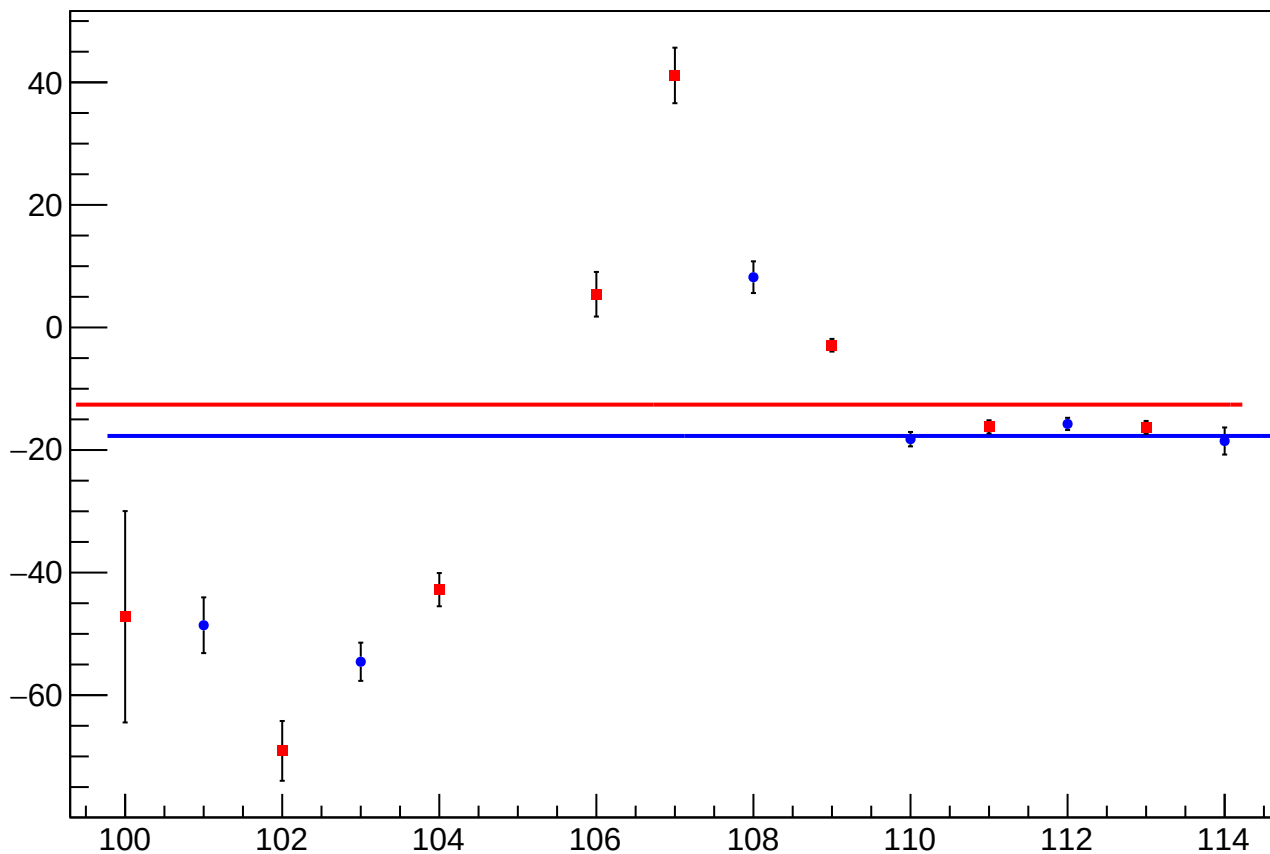
Right: 15.747+/-0.052 χ^2/NDF : 360096.3/13

In: 20.246+/-0.076 χ^2/NDF : 102937.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.747+/-0.052 χ^2/NDF : 360096.3/13

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

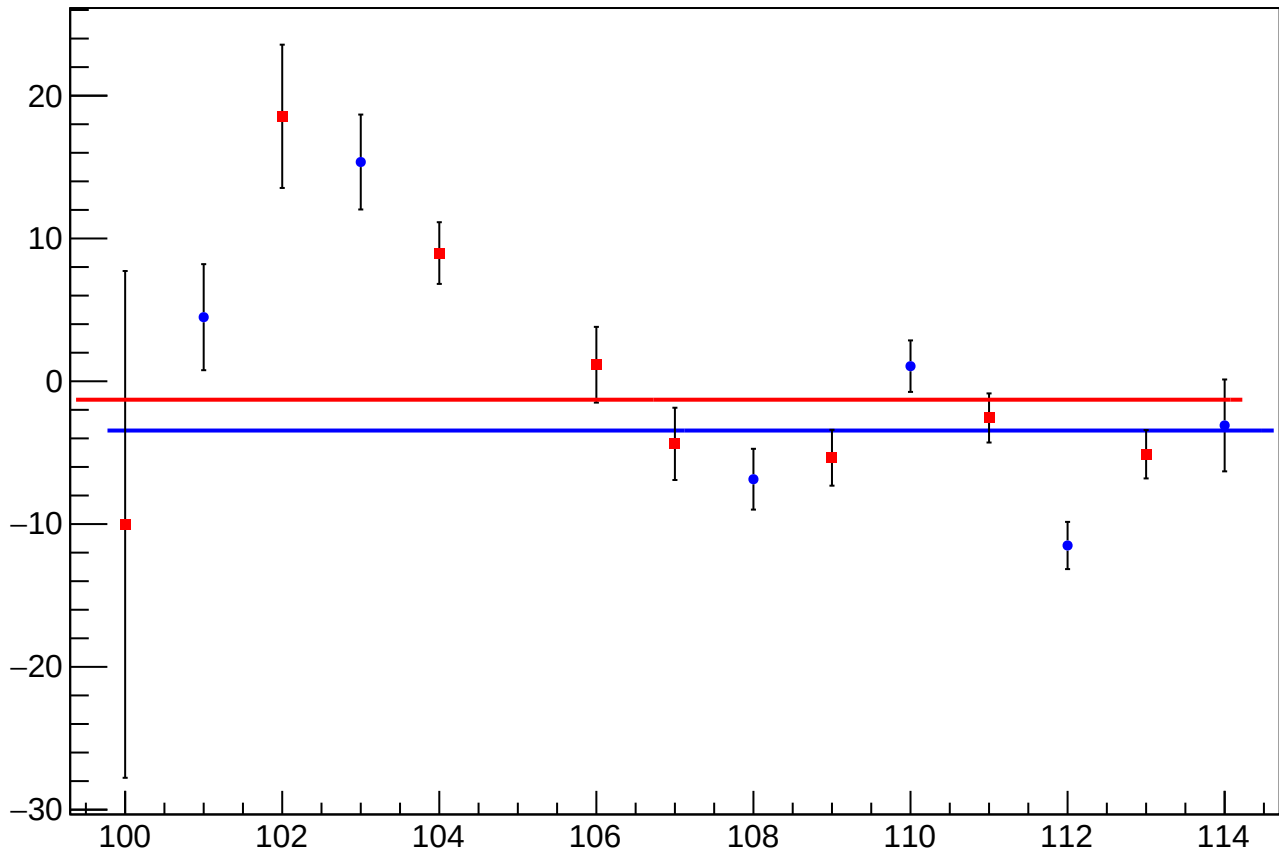
Right: -14.777 ± 0.438 $\chi^2/\text{NDF}: 862.0/13$

In: -17.702 ± 0.669 $\chi^2/\text{NDF}: 290.2/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.777 ± 0.438 $\chi^2/\text{NDF}: 862.0/13$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

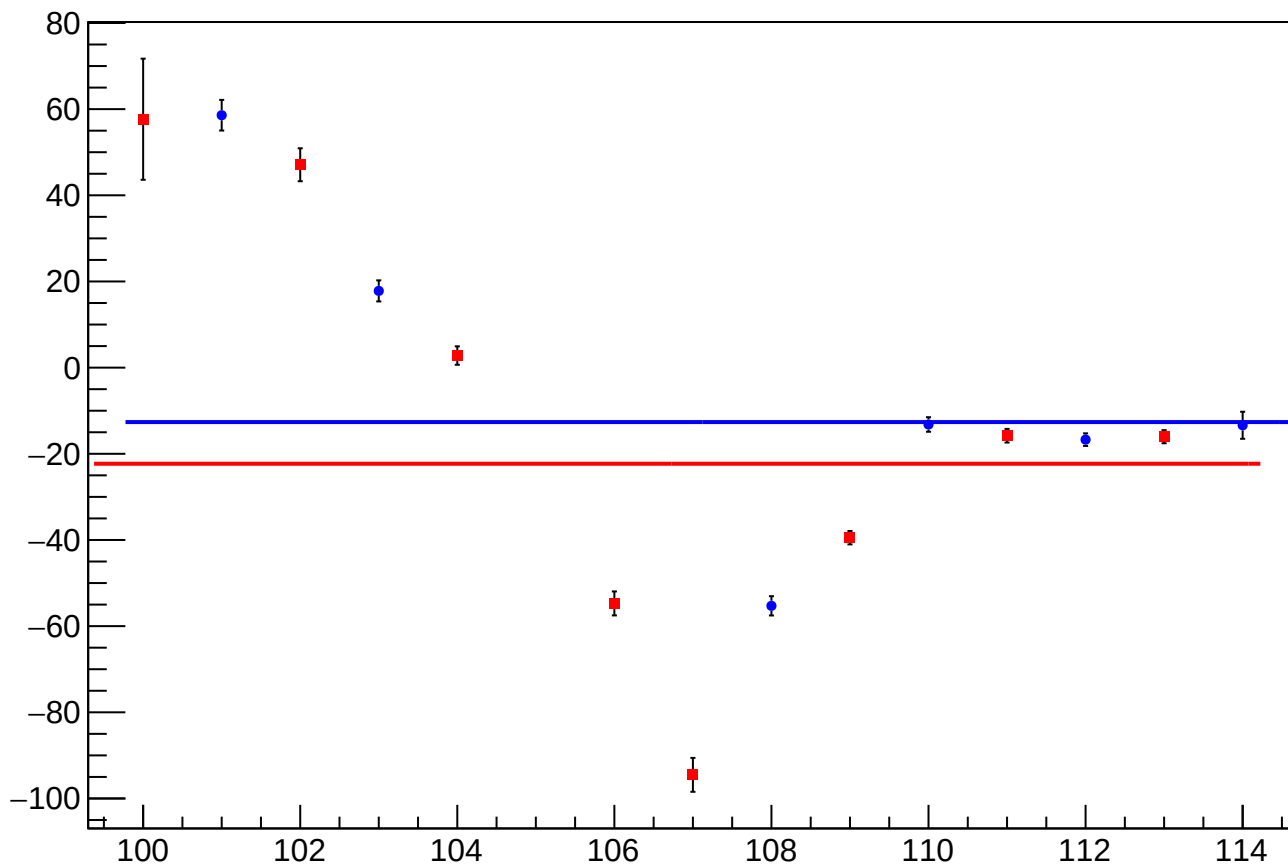
Right: -2.228 ± 0.613 χ^2/NDF : 123.0/13

In: -3.449 ± 0.931 χ^2/NDF : 69.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.228 ± 0.613 χ^2/NDF : 123.0/13

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

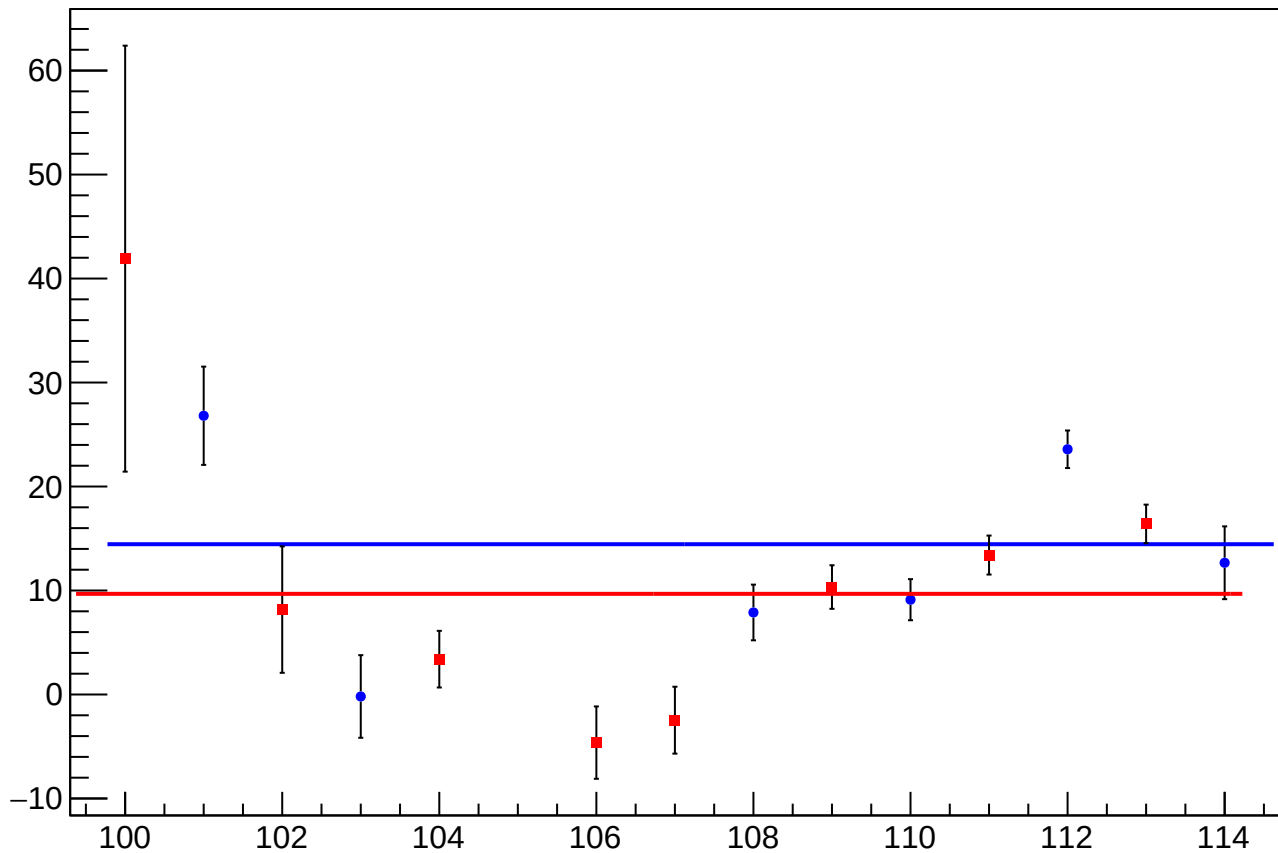
Right: -18.038 $\pm$ 0.568 χ^2 /NDF: 2127.0/13

In: -12.635 $\pm$ 0.855 χ^2 /NDF:927.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.038 $\pm$ 0.568 χ^2 /NDF: 2127.0/13

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

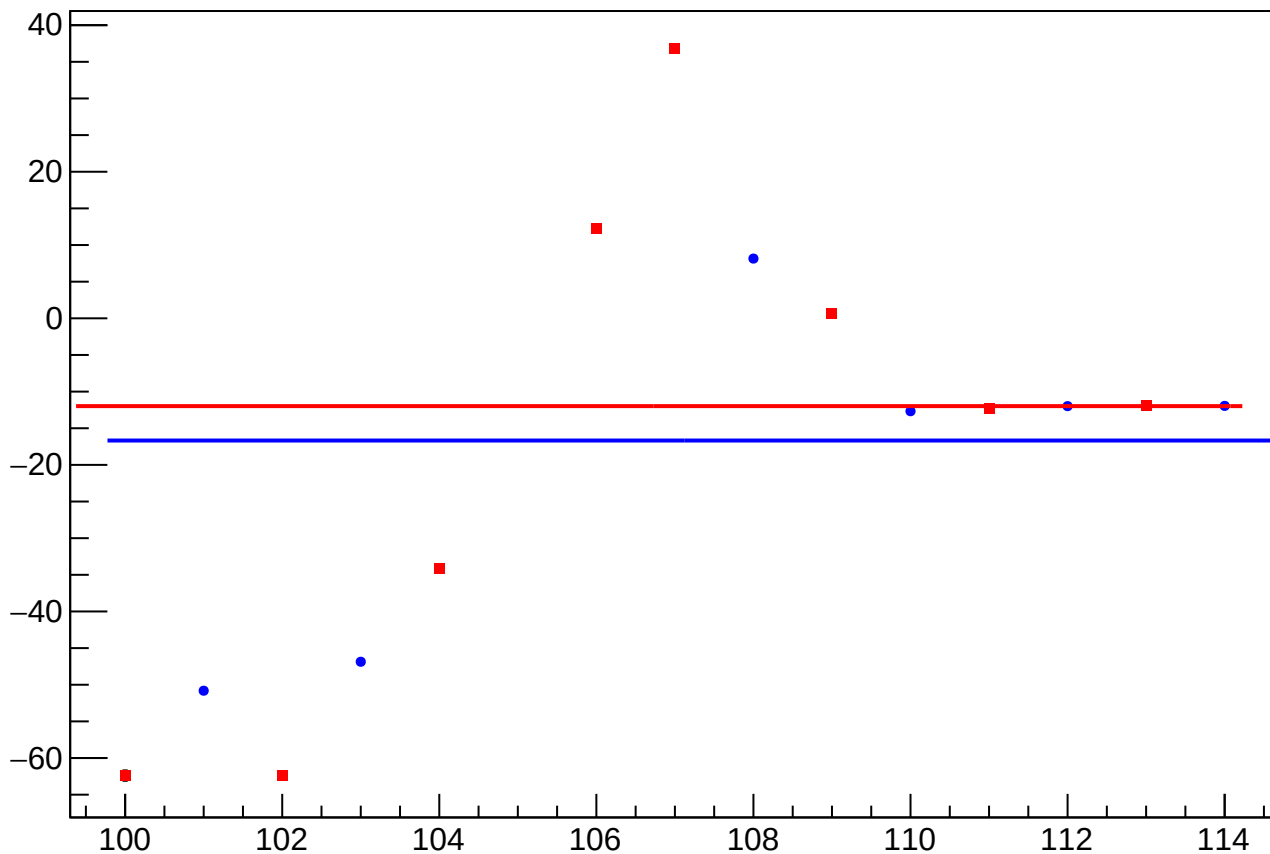
Right: 11.768 $\pm$ 0.700 χ^2 /NDF: 127.2/13

In: 14.452 $\pm$ 1.059 χ^2 /NDF: 59.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.768 $\pm$ 0.700 χ^2 /NDF: 127.2/13

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.676 $\pm$ 0.051 χ^2 /NDF: 189810.6/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.982 $\pm$ 0.048 χ^2 /NDF: 276452.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

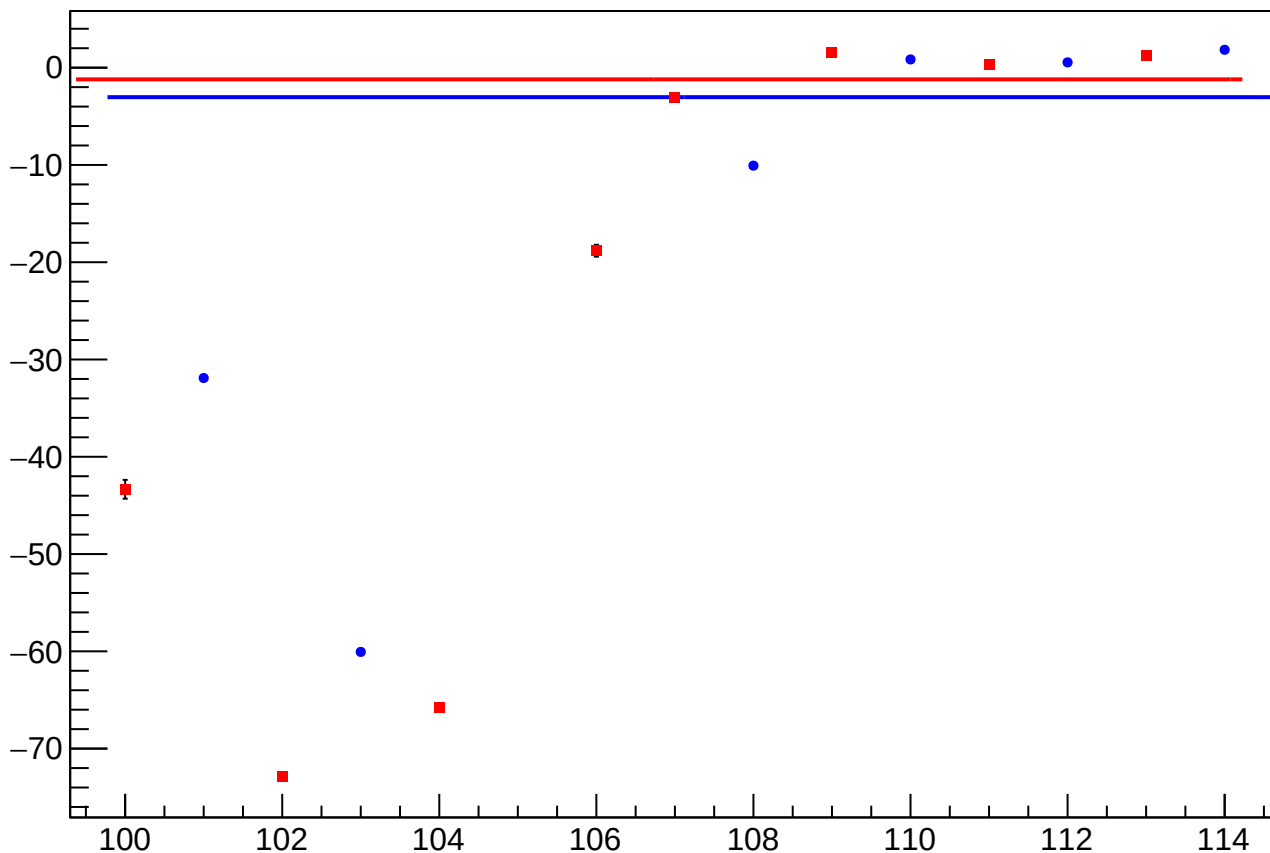
Right: -14.174 $\pm$ 0.035 χ^2 /NDF: 470759.3/13

In: -16.676 $\pm$ 0.051 χ^2 /NDF:189810.6/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.174 $\pm$ 0.035 χ^2 /NDF: 470759.3/13

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.032 $\pm$ 0.072 χ^2 /NDF: 29805.4/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.201 $\pm$ 0.056 χ^2 /NDF: 47466.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

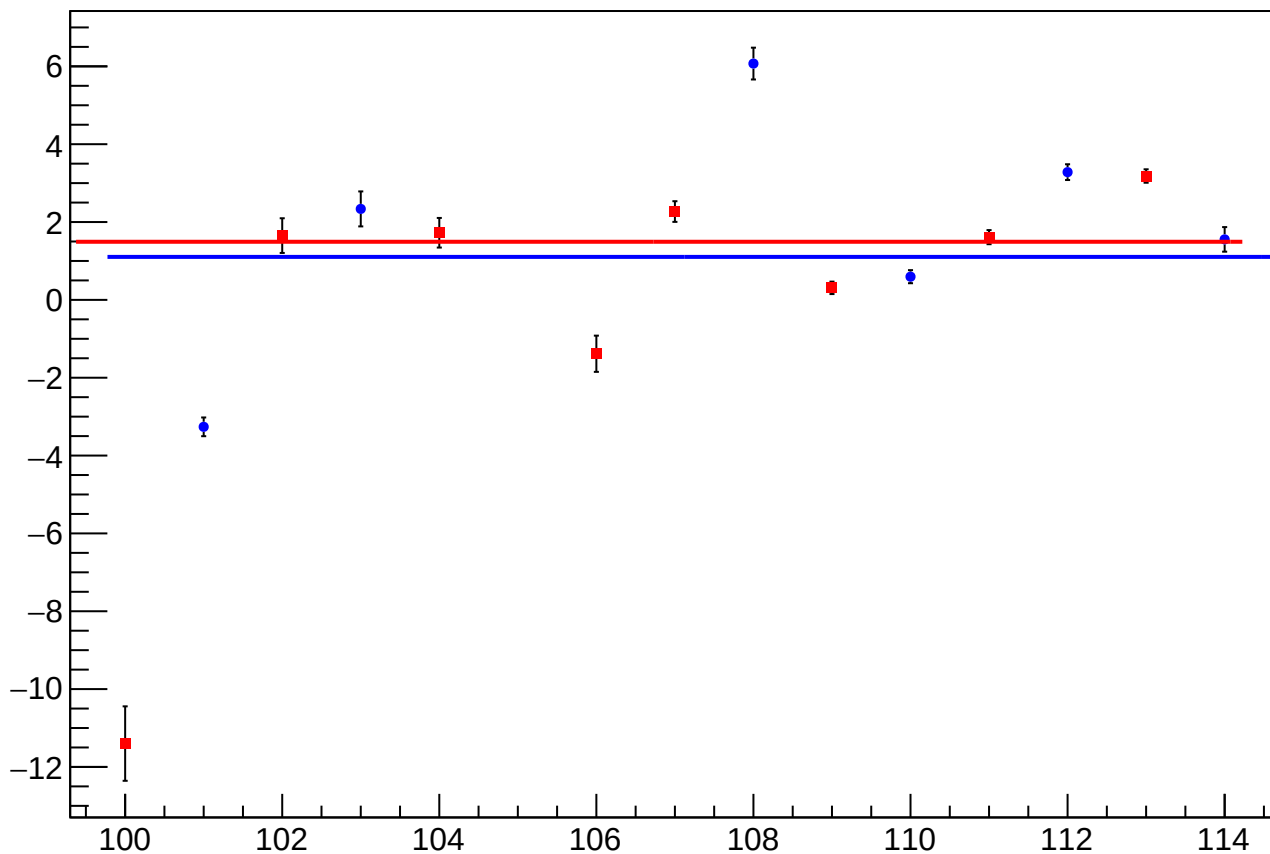
Right: -1.885 $\pm$ 0.044 χ^2 /NDF: 77676.3/13

In: -3.032 $\pm$ 0.072 χ^2 /NDF:29805.4/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.885 $\pm$ 0.044 χ^2 /NDF: 77676.3/13

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.104+/-0.101 χ^2/NDF : 611.7/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.493+/-0.086 χ^2/NDF : 380.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

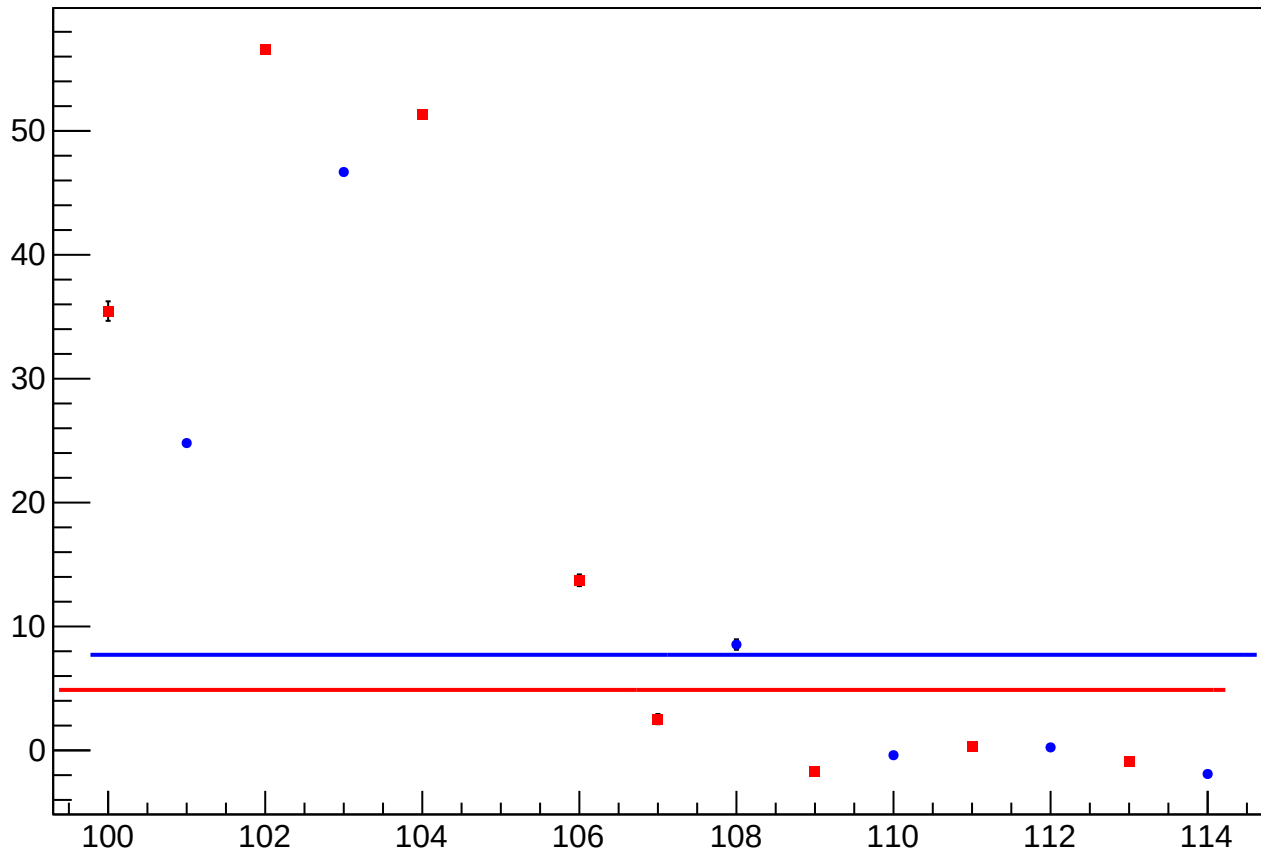
Right: 1.330+/-0.066 χ^2/NDF : 1000.4/13

In: 1.104+/-0.101 χ^2/NDF : 611.7/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.330+/-0.066 χ^2/NDF : 1000.4/13

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.714+/-0.093 χ^2/NDF : 24079.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.882+/-0.078 χ^2/NDF : 42788.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

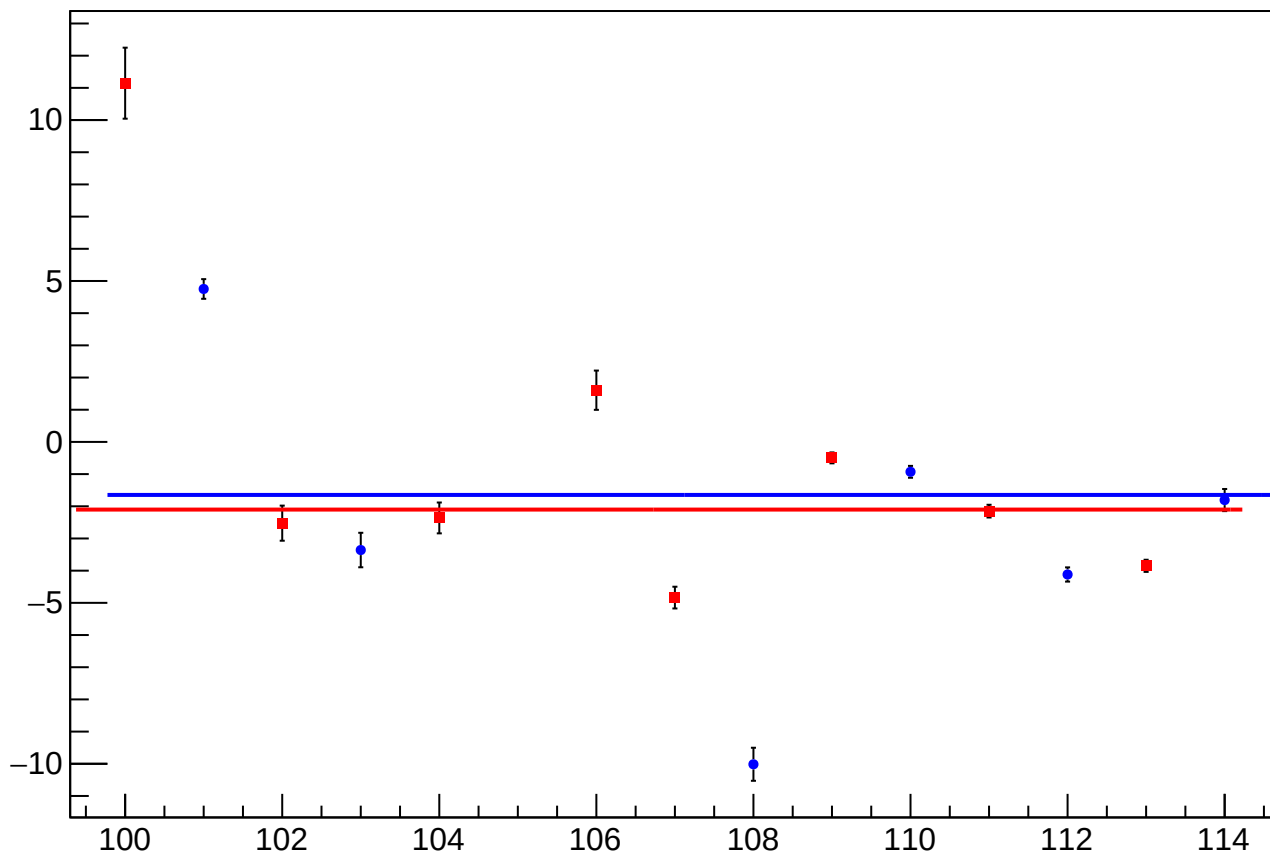
Right: 6.047+/-0.060 χ^2/NDF : 67412.7/13

In: 7.714+/-0.093 χ^2/NDF : 24079.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.047+/-0.060 χ^2/NDF : 67412.7/13

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

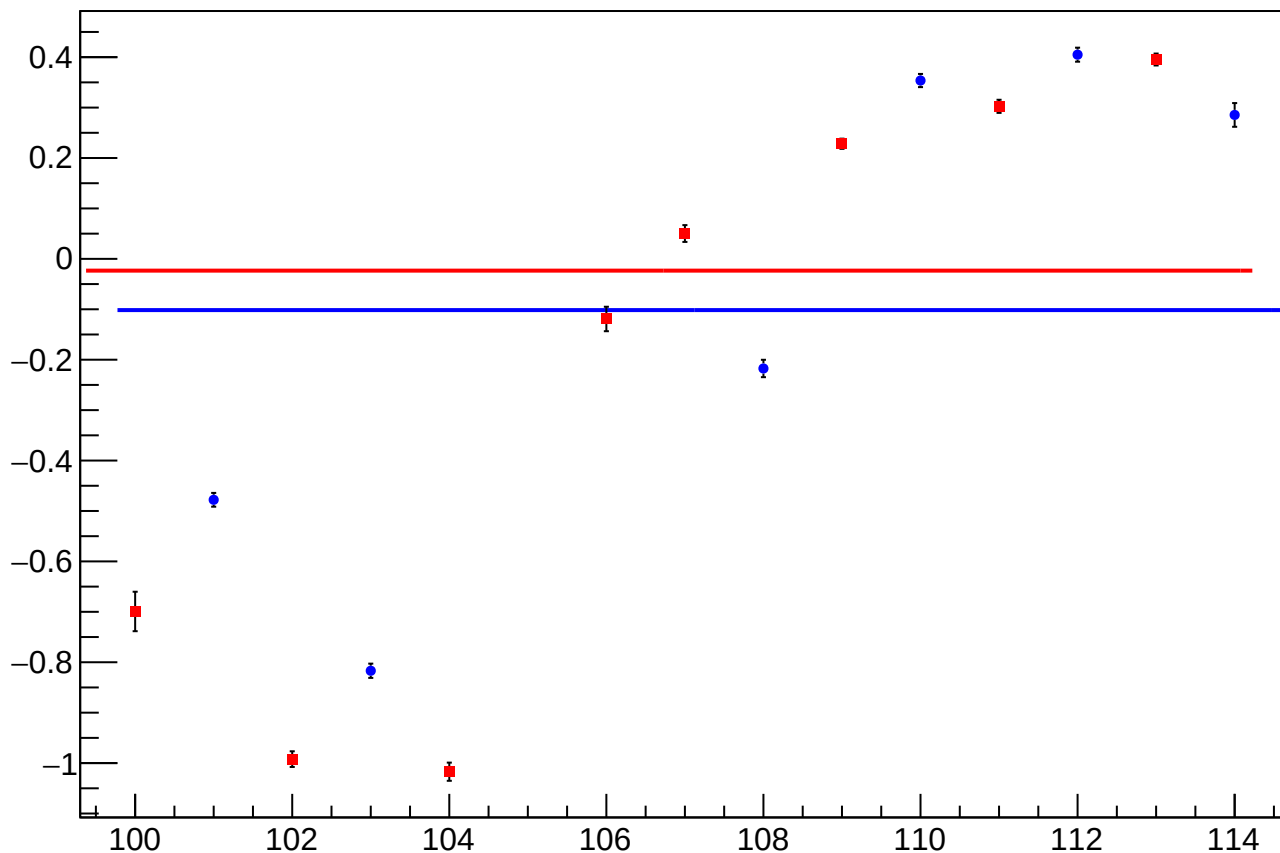
Right: -1.914 ± 0.074 χ^2/NDF : 1287.3/13

In: -1.647 ± 0.114 χ^2/NDF : 854.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.914 ± 0.074 χ^2/NDF : 1287.3/13

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

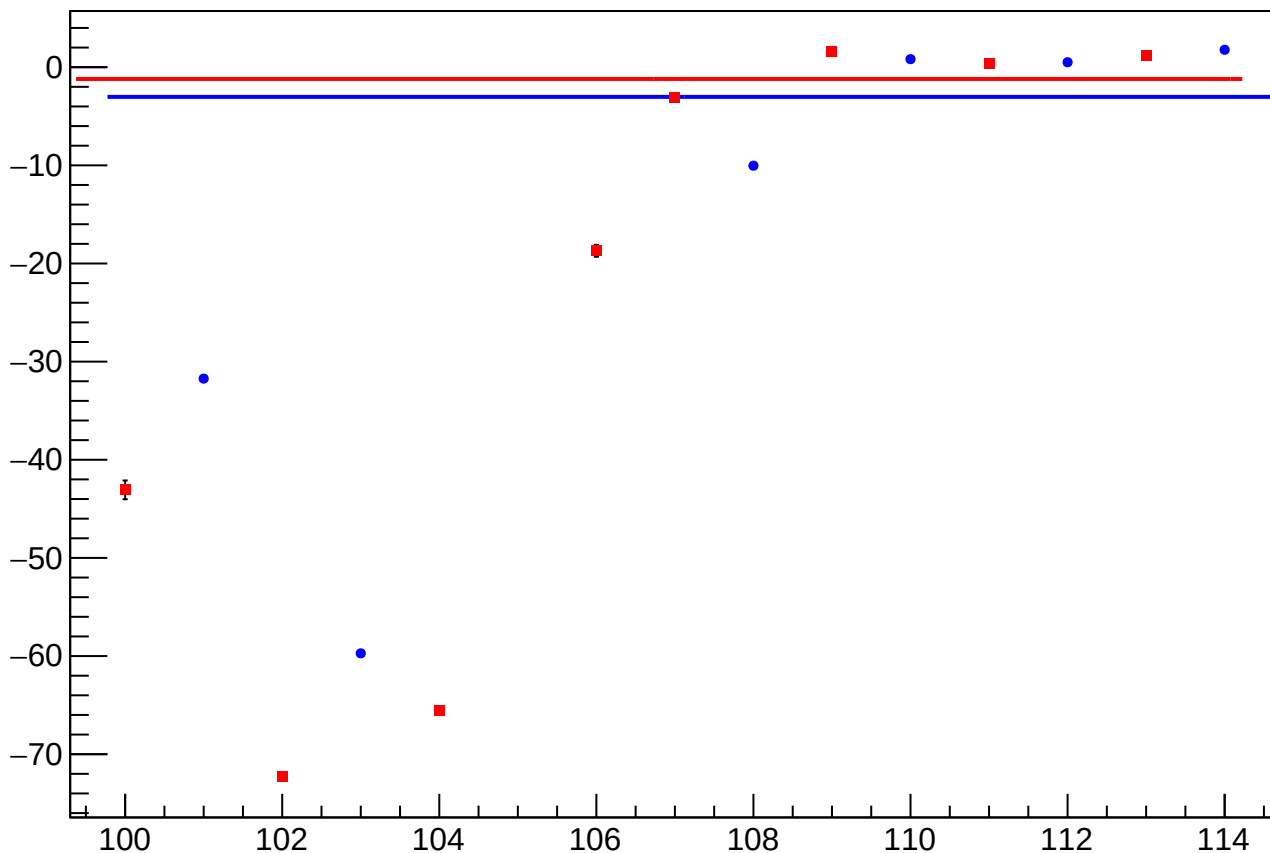
Right: -0.056 ± 0.004 χ^2/NDF : 16025.3/13

In: -0.102 ± 0.006 χ^2/NDF : 6167.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.004 χ^2/NDF : 16025.3/13

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

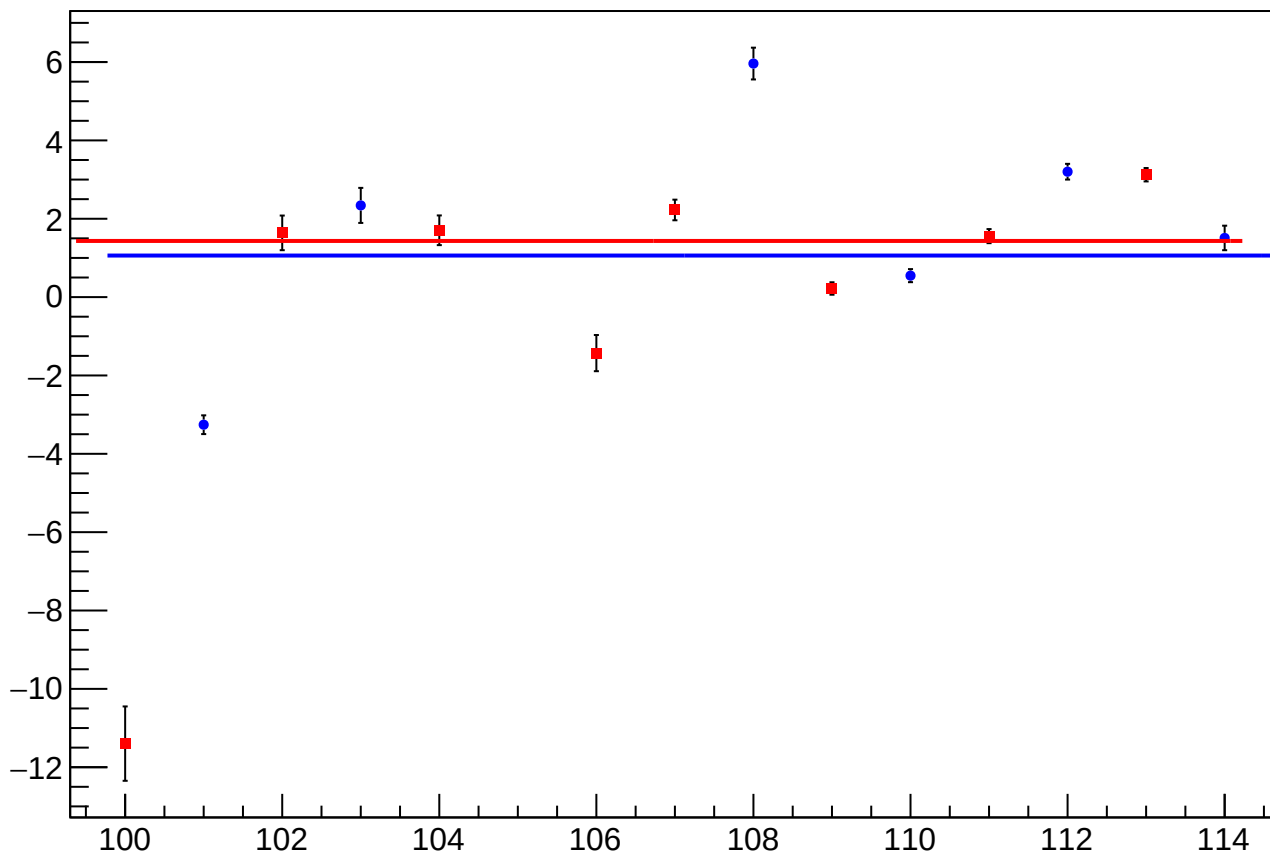
Right: -1.880+/-0.044 χ^2/NDF : 77593.2/13

In: -3.024+/-0.072 χ^2/NDF : 29757.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.880+/-0.044 χ^2/NDF : 77593.2/13

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.061+/-0.100 χ^2/NDF : 605.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.433+/-0.085 χ^2/NDF : 387.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

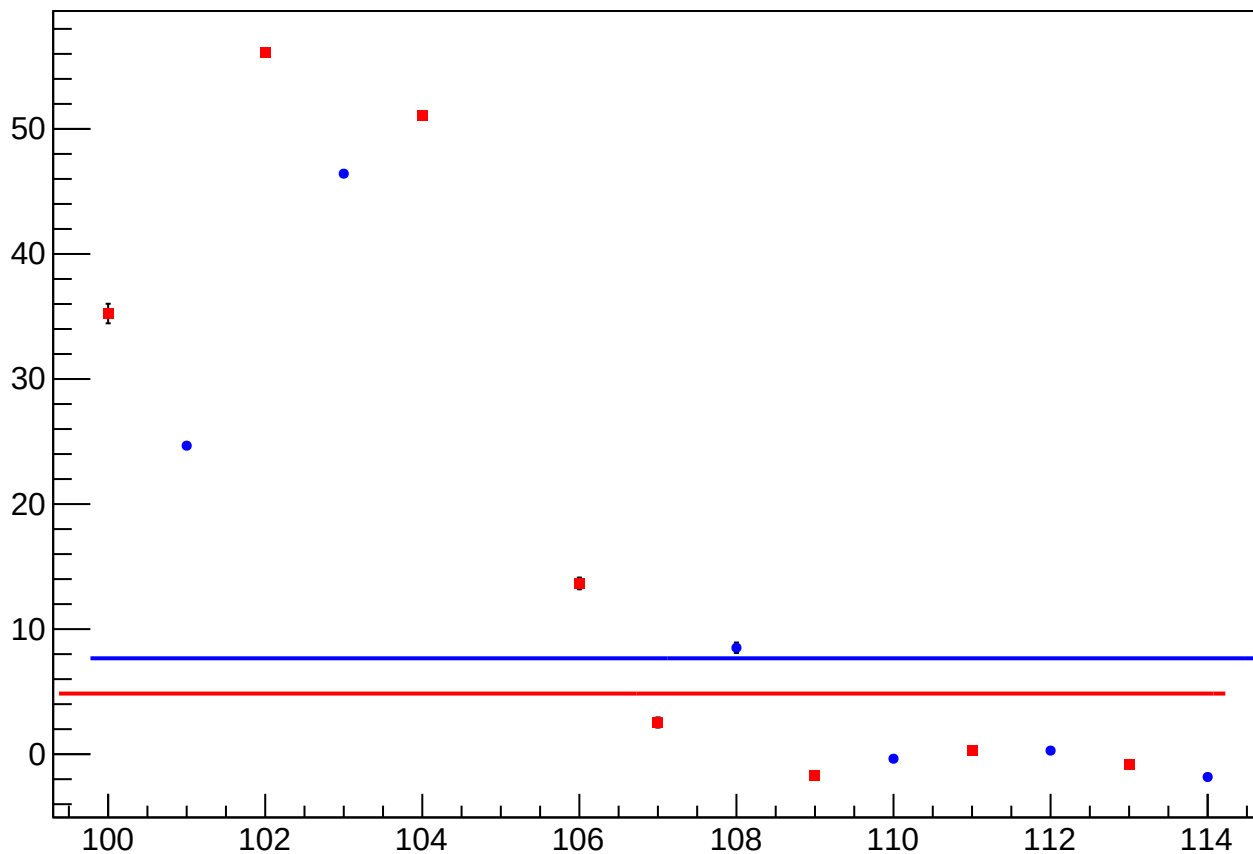
Right: 1.277+/-0.065 χ^2/NDF : 1000.7/13

In: 1.061+/-0.100 χ^2/NDF : 605.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.277+/-0.065 χ^2/NDF : 1000.7/13

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.666+/-0.092 χ^2/NDF : 24037.9/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.847+/-0.077 χ^2/NDF : 42755.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

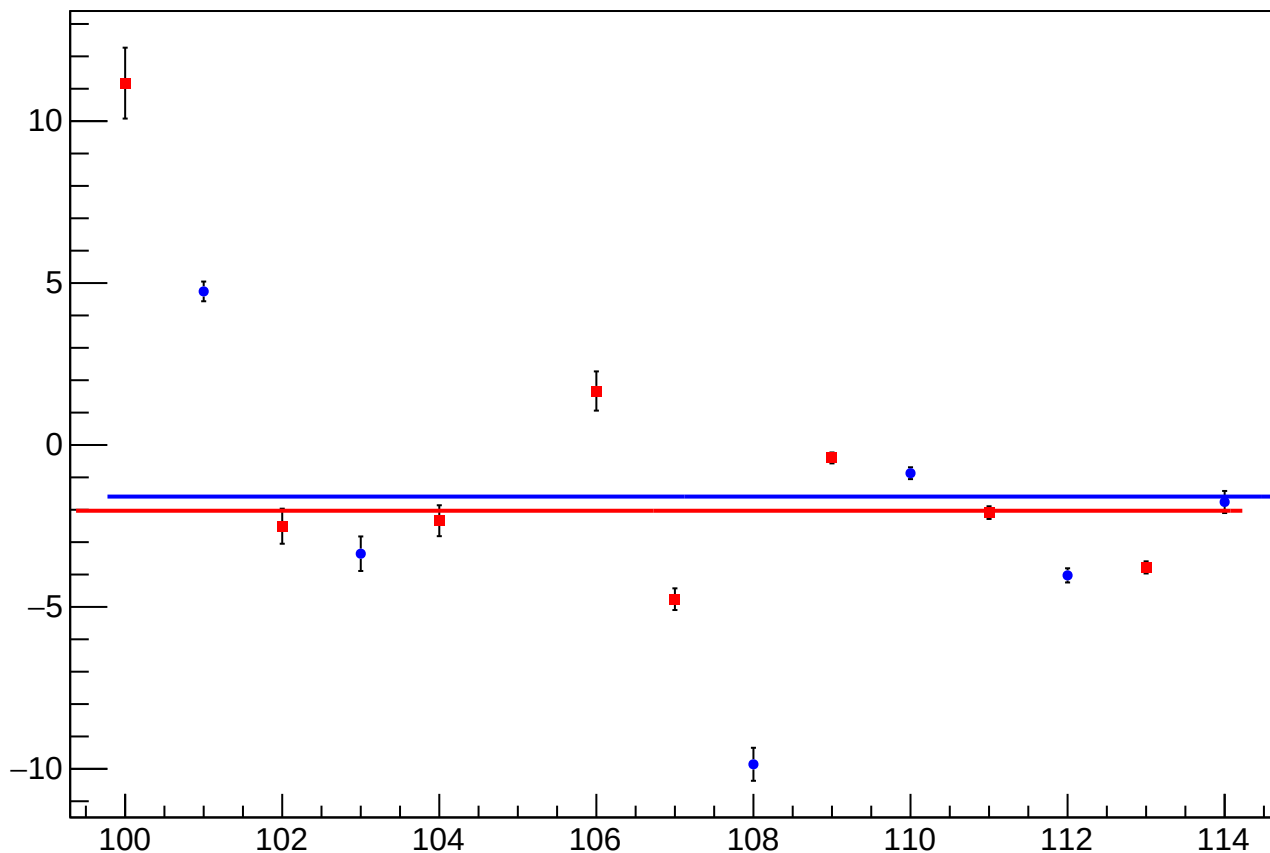
Right: 6.006+/-0.059 χ^2/NDF : 67342.3/13

In: 7.666+/-0.092 χ^2/NDF :24037.9/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.006+/-0.059 χ^2/NDF : 67342.3/13

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

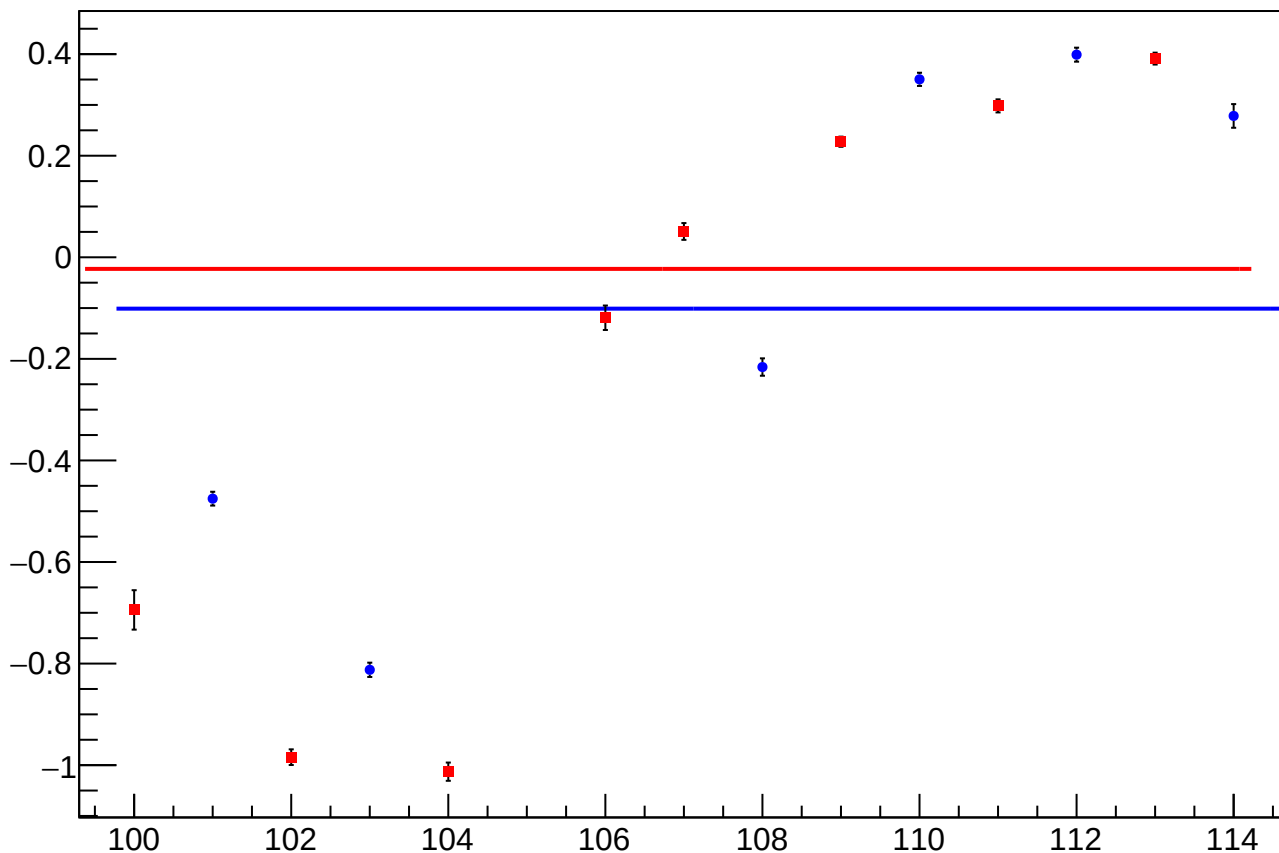
Right: -1.850 ± 0.073 χ^2/NDF : 1288.2/13

In: -1.593 ± 0.114 χ^2/NDF : 847.5/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.850 ± 0.073 χ^2/NDF : 1288.2/13

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.101 $\pm$ 0.006 χ^2 /NDF: 6145.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.005 χ^2 /NDF: 9756.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

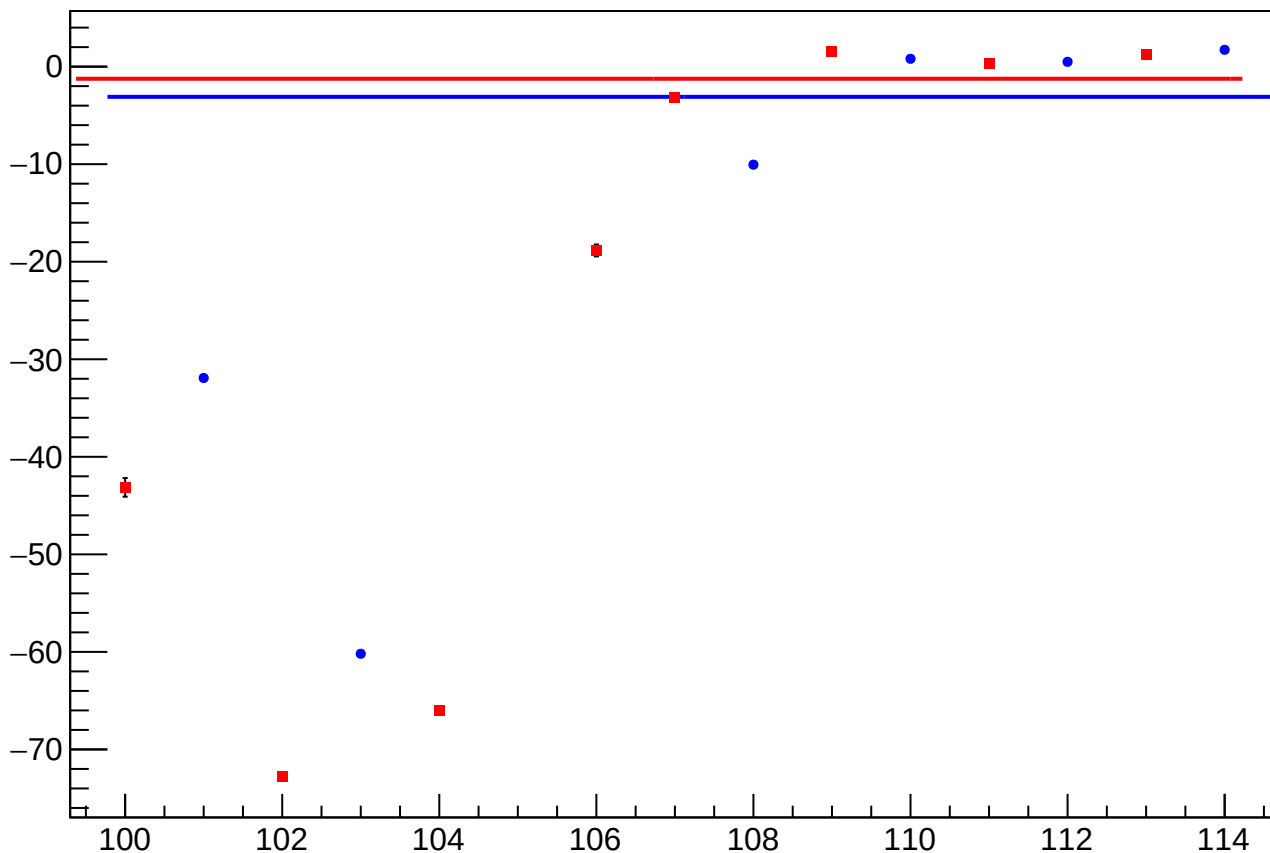
Right: -0.056 $\pm$ 0.004 χ^2 /NDF: 15996.2/13

In: -0.101 $\pm$ 0.006 χ^2 /NDF:6145.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.056 $\pm$ 0.004 χ^2 /NDF: 15996.2/13

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

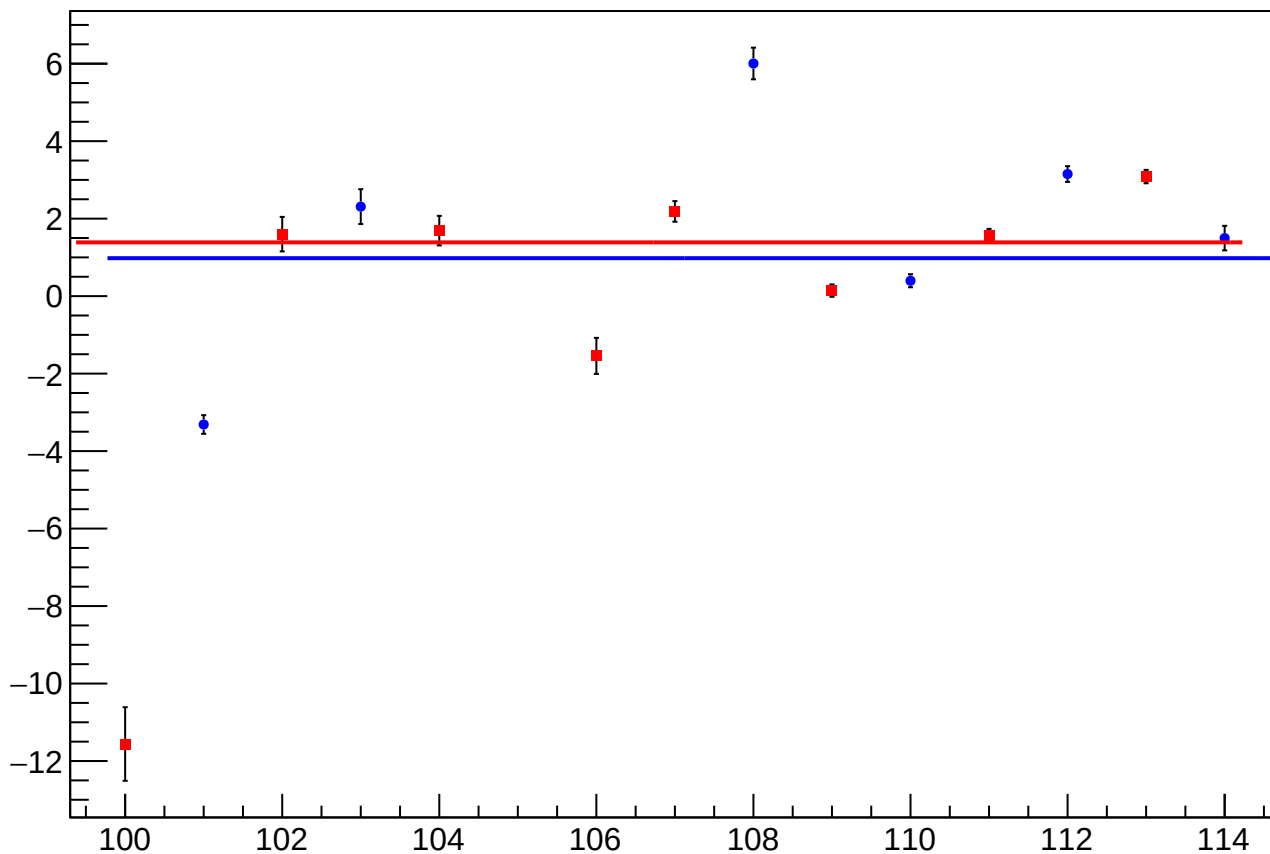
Right: -1.934 ± 0.044 $\chi^2/\text{NDF}: 77570.2/13$

In: -3.096 ± 0.072 $\chi^2/\text{NDF}: 29755.1/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.934 ± 0.044 $\chi^2/\text{NDF}: 77570.2/13$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.979+/-0.101 χ^2/NDF : 607.8/5

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.388+/-0.086 χ^2/NDF : 393.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

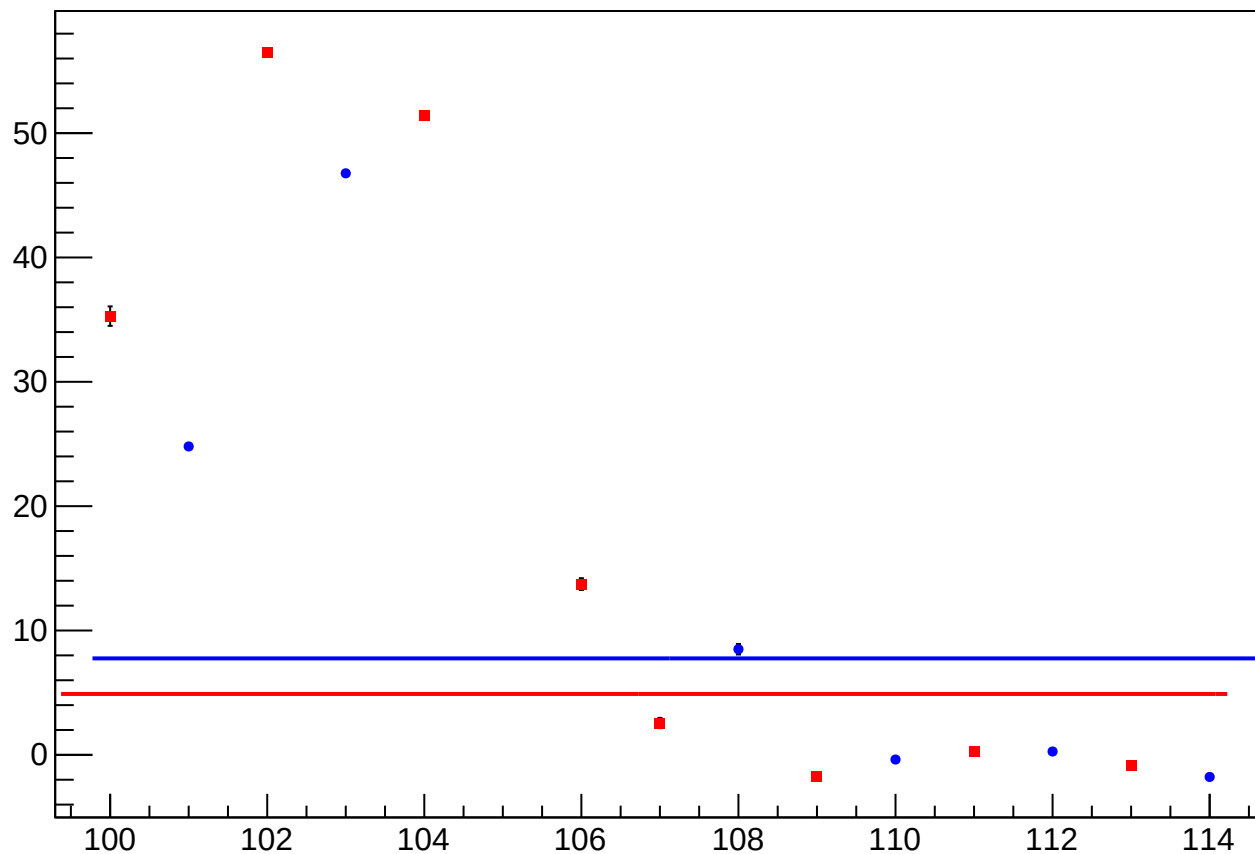
Right: 1.216+/-0.066 χ^2/NDF : 1010.6/13

In: 0.979+/-0.101 χ^2/NDF :607.8/5

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.216+/-0.066 χ^2/NDF : 1010.6/13

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.758+/-0.093 χ^2/NDF : 24023.1/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.898+/-0.078 χ^2/NDF : 42735.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

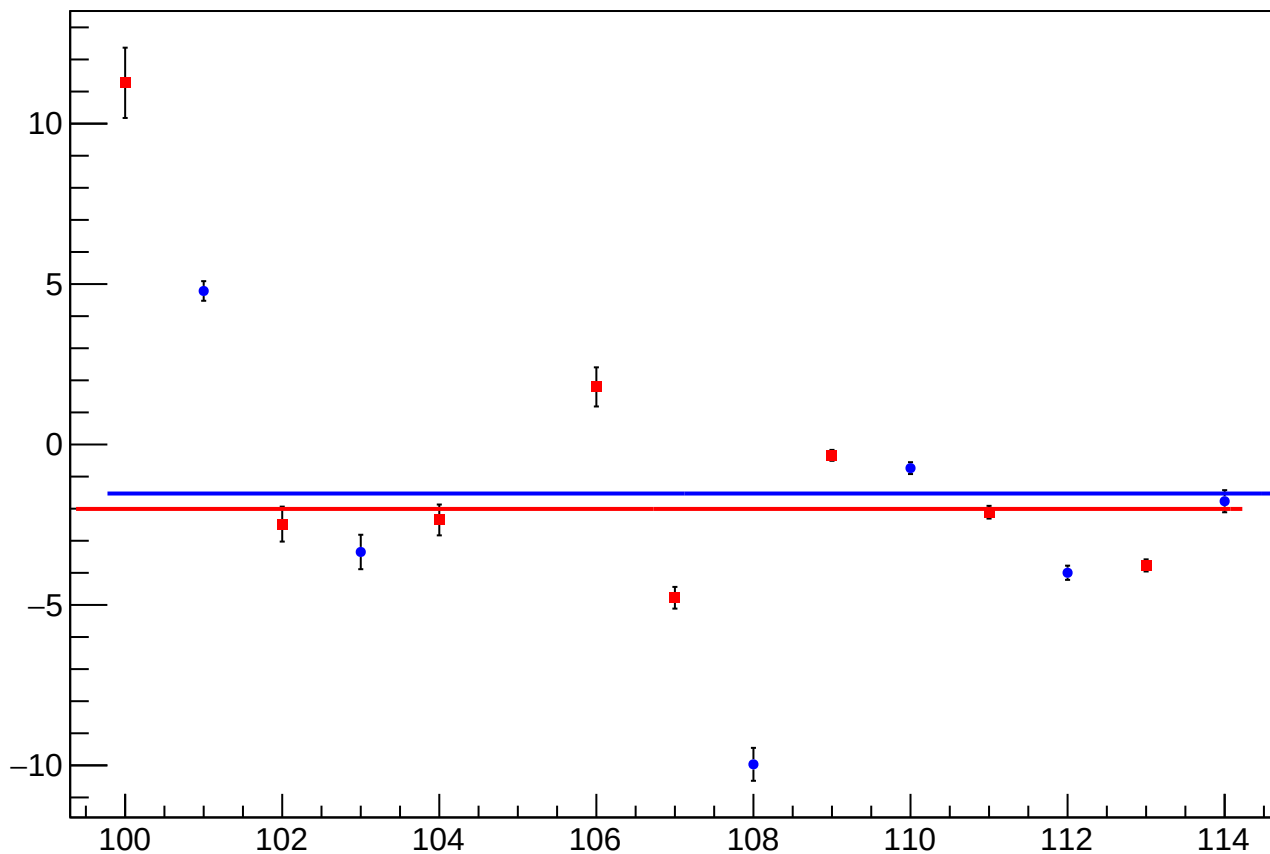
Right: 6.075+/-0.060 χ^2/NDF : 67312.9/13

In: 7.758+/-0.093 χ^2/NDF : 24023.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.075+/-0.060 χ^2/NDF : 67312.9/13

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

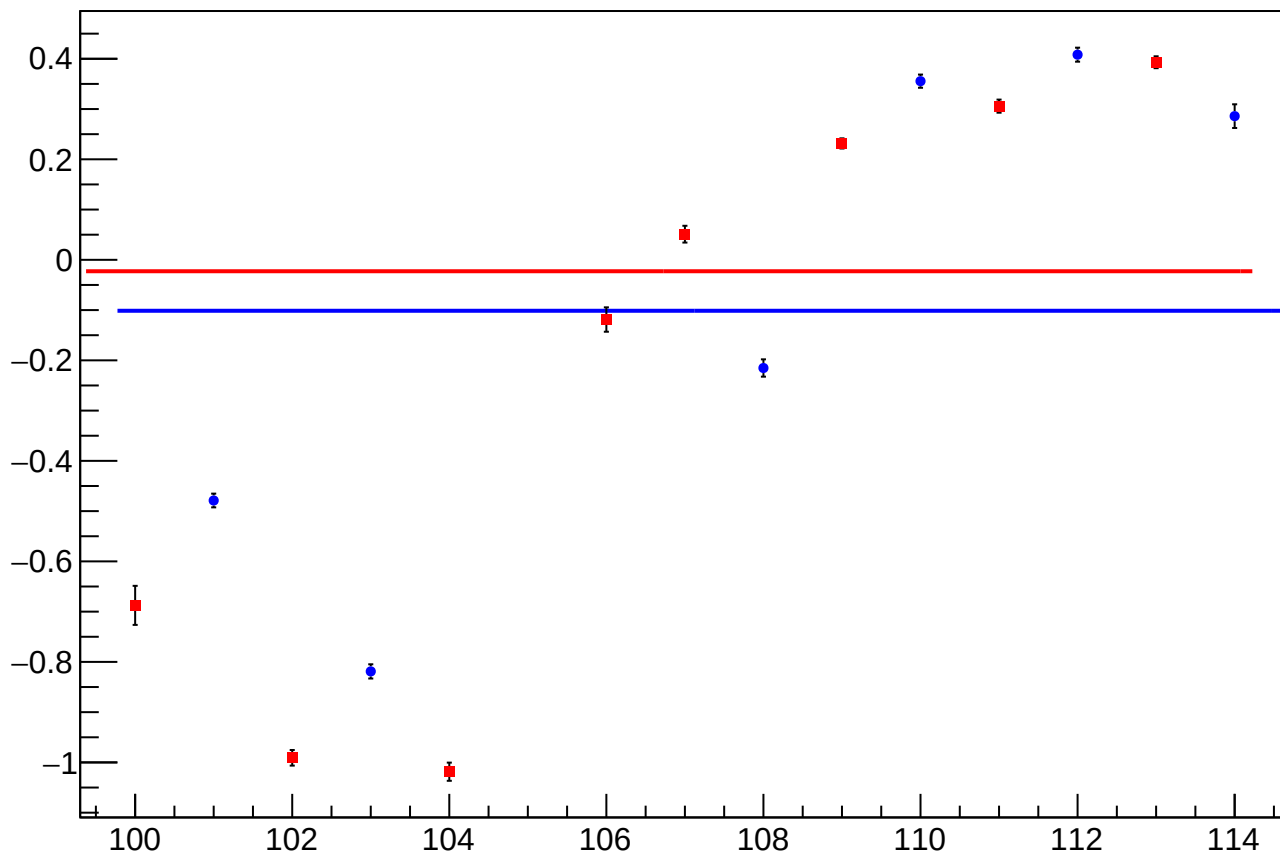
Right: -1.810+/-0.074 χ^2/NDF : 1299.9/13

In: -1.528+/-0.115 χ^2/NDF : 851.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.810+/-0.074 χ^2/NDF : 1299.9/13

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.101 $\pm$ 0.006 χ^2 /NDF: 6192.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.005 χ^2 /NDF: 9754.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

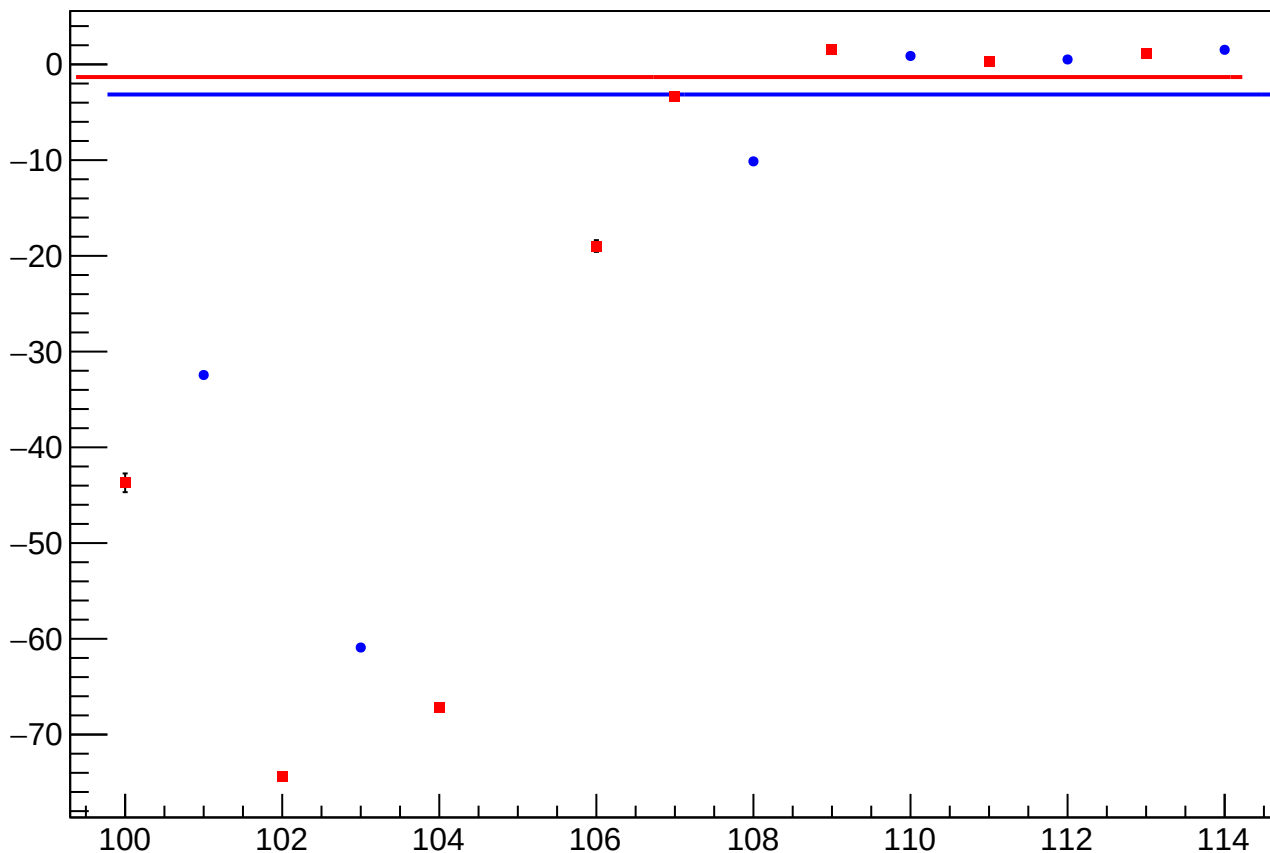
Right: -0.056 $\pm$ 0.004 χ^2 /NDF: 16041.4/13

In: -0.101 $\pm$ 0.006 χ^2 /NDF:6192.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.056 $\pm$ 0.004 χ^2 /NDF: 16041.4/13

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.143+/-0.074 χ^2/NDF : 29327.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.322+/-0.057 χ^2/NDF : 47088.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

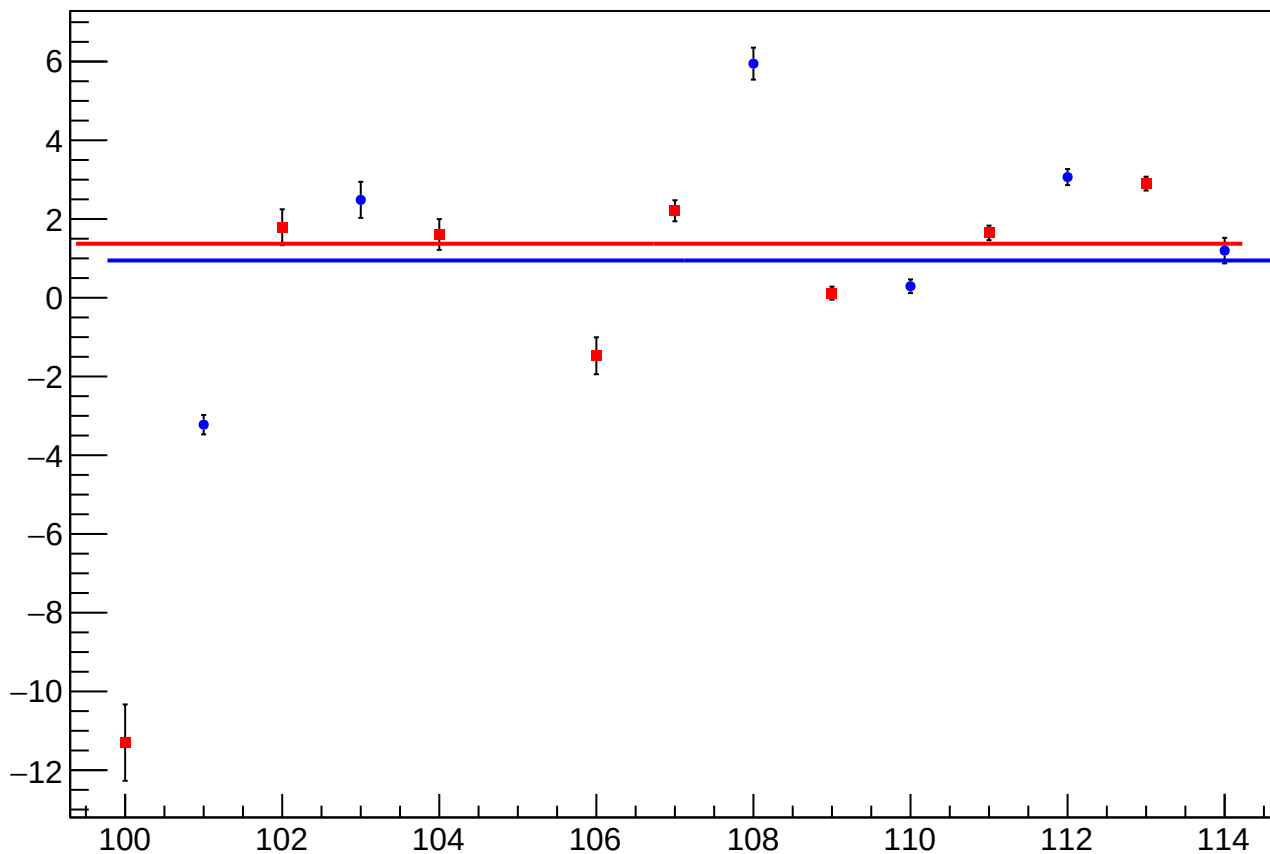
Right: -2.005+/-0.045 χ^2/NDF : 76796.8/13

In: -3.143+/-0.074 χ^2/NDF : 29327.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.005+/-0.045 χ^2/NDF : 76796.8/13

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.947 $\pm$ 0.103 χ^2 /NDF: 571.0/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.373 $\pm$ 0.088 χ^2 /NDF: 353.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

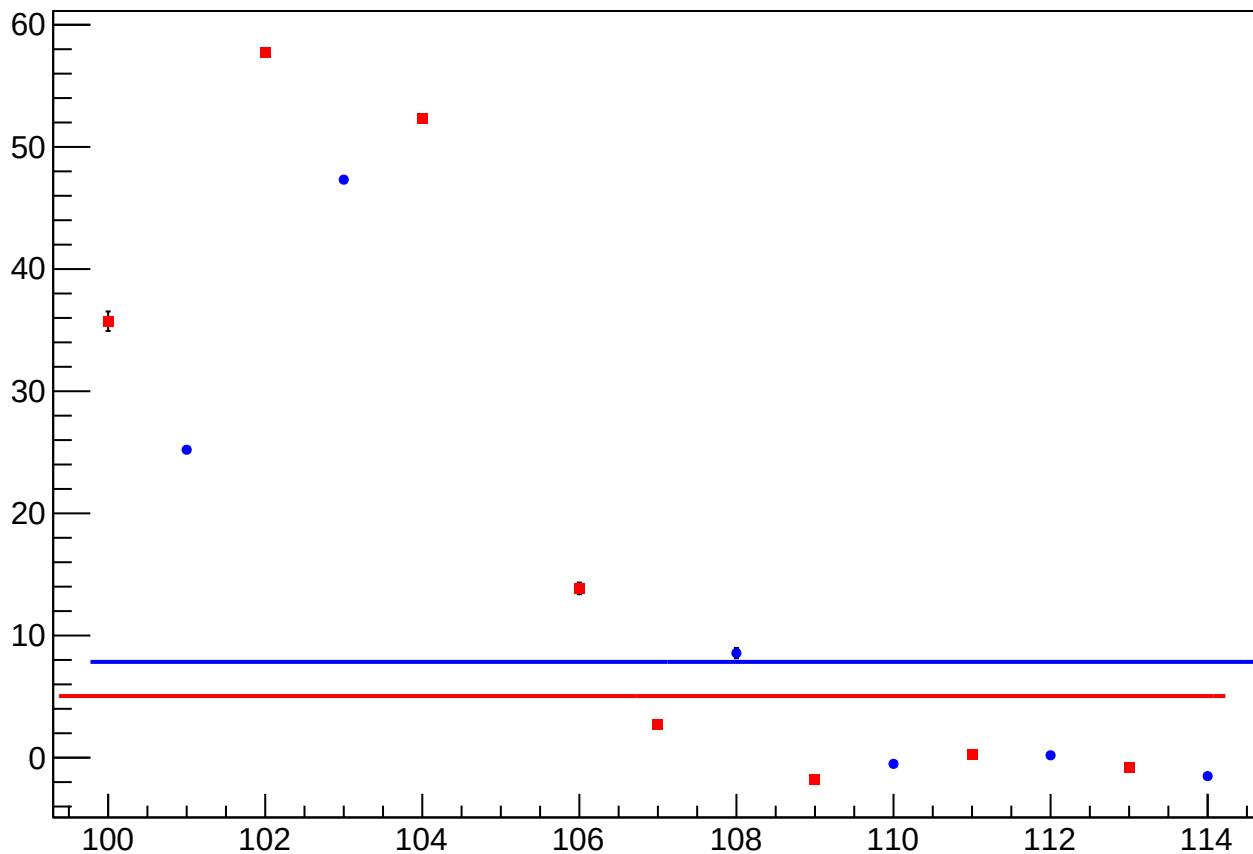
Right: 1.193 $\pm$ 0.067 χ^2 /NDF: 934.5/13

In: 0.947 $\pm$ 0.103 χ^2 /NDF:571.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.193 $\pm$ 0.067 χ^2 /NDF: 934.5/13

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.841+/-0.095 χ^2/NDF : 23714.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.045+/-0.080 χ^2/NDF : 42437.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

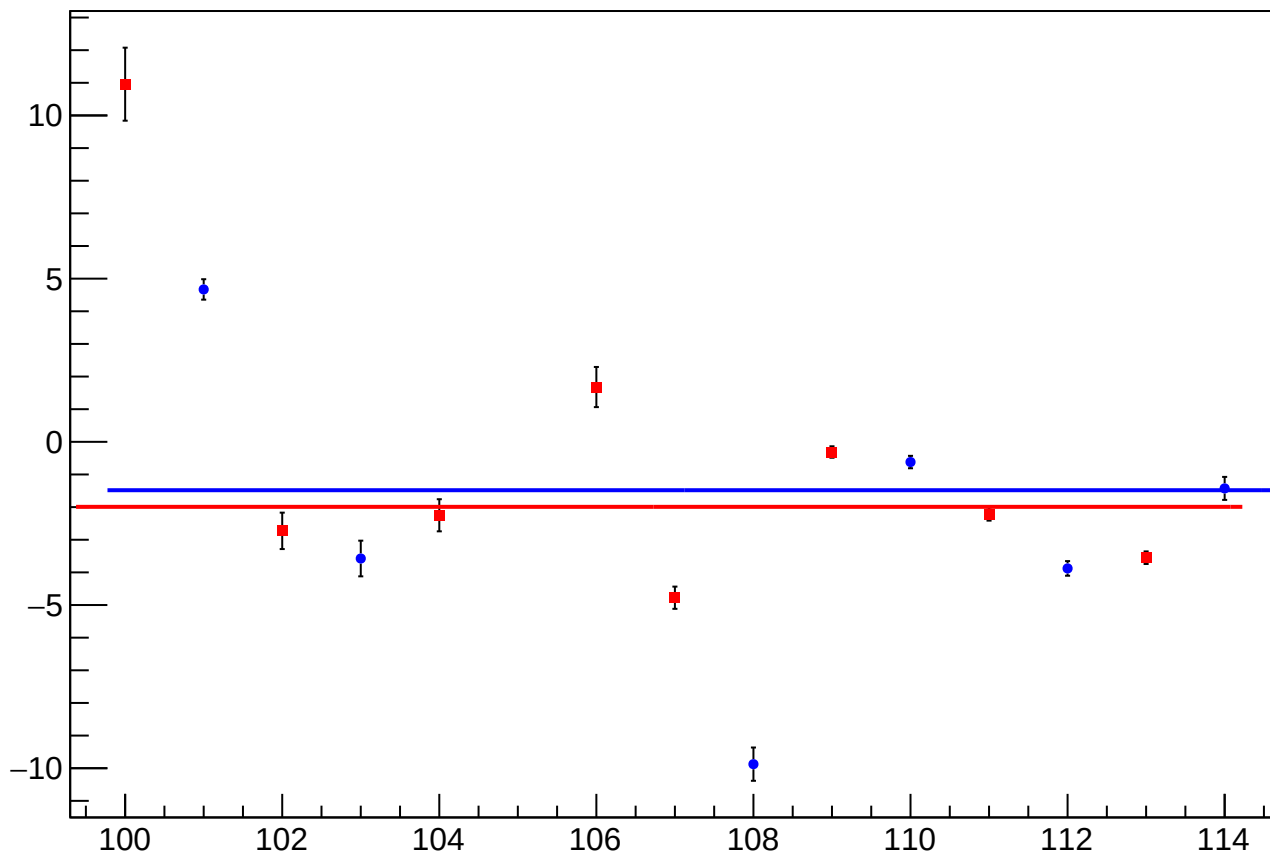
Right: 6.199+/-0.061 χ^2/NDF : 66657.8/13

In: 7.841+/-0.095 χ^2/NDF : 23714.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.199+/-0.061 χ^2/NDF : 66657.8/13

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.482 $\pm$ 0.117 χ^2 /NDF: 806.7/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.992 $\pm$ 0.098 χ^2 /NDF: 397.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

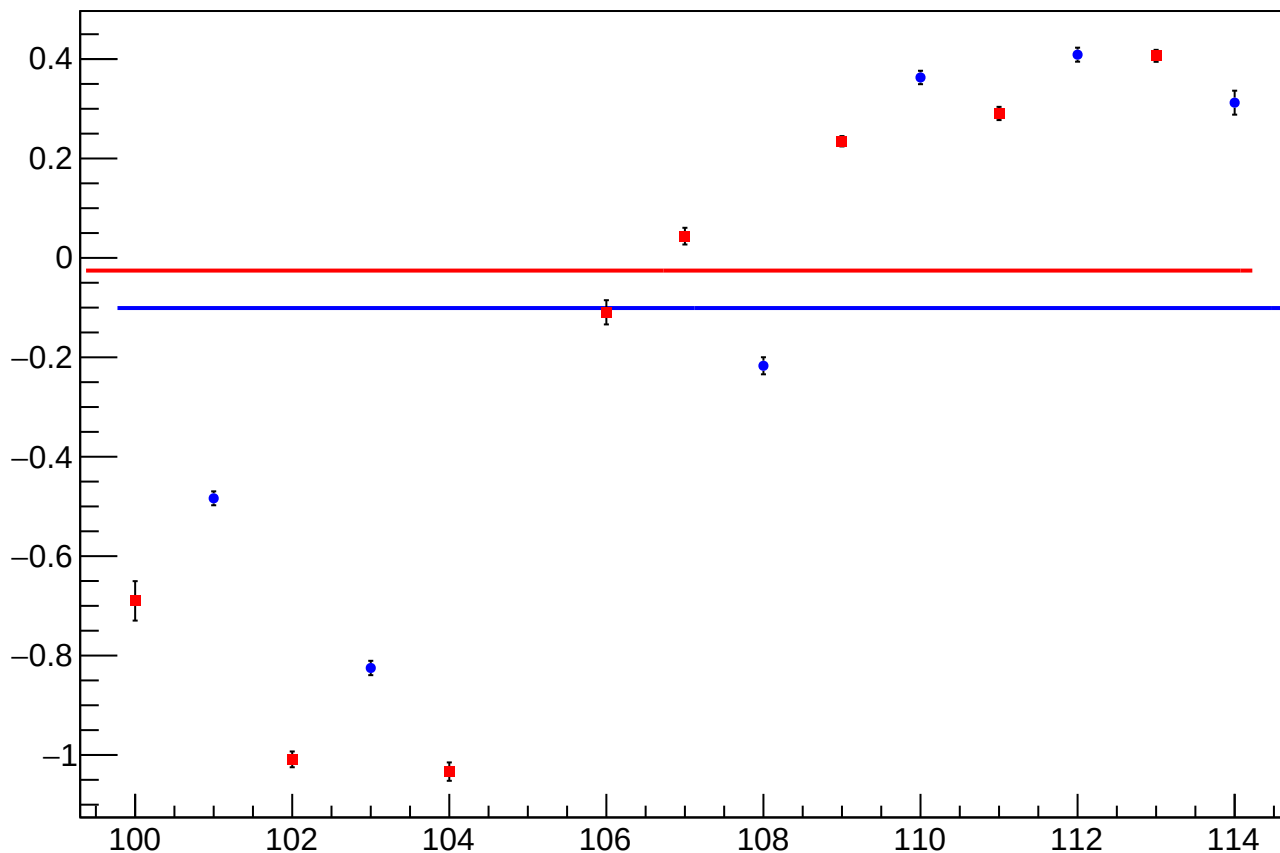
Right: -1.781 $\pm$ 0.075 χ^2 /NDF: 1215.0/13

In: -1.482 $\pm$ 0.117 χ^2 /NDF:806.7/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.781 $\pm$ 0.075 χ^2 /NDF: 1215.0/13

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

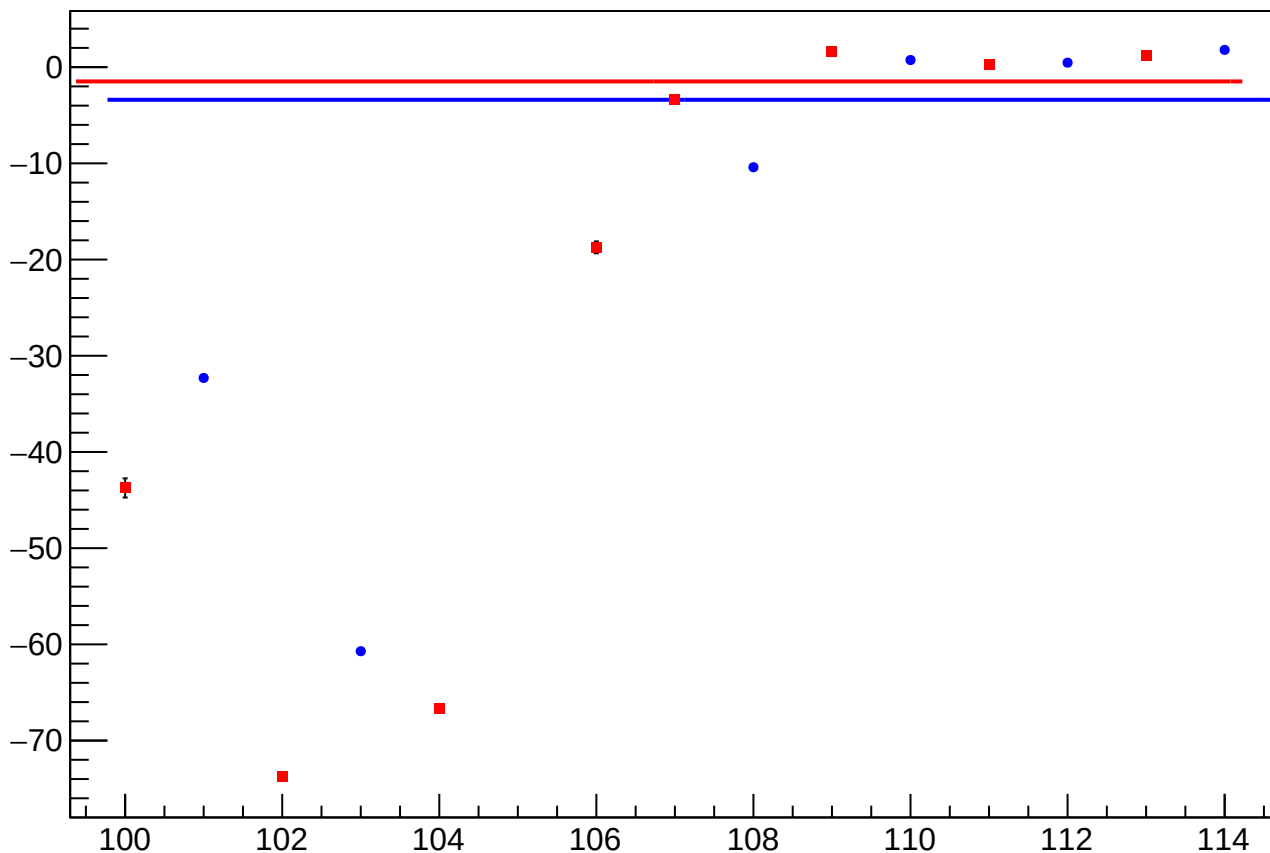
Right: -0.058 ± 0.004 χ^2/NDF : 15755.4/13

In: -0.101 ± 0.006 χ^2/NDF : 6085.0/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.004 χ^2/NDF : 15755.4/13

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

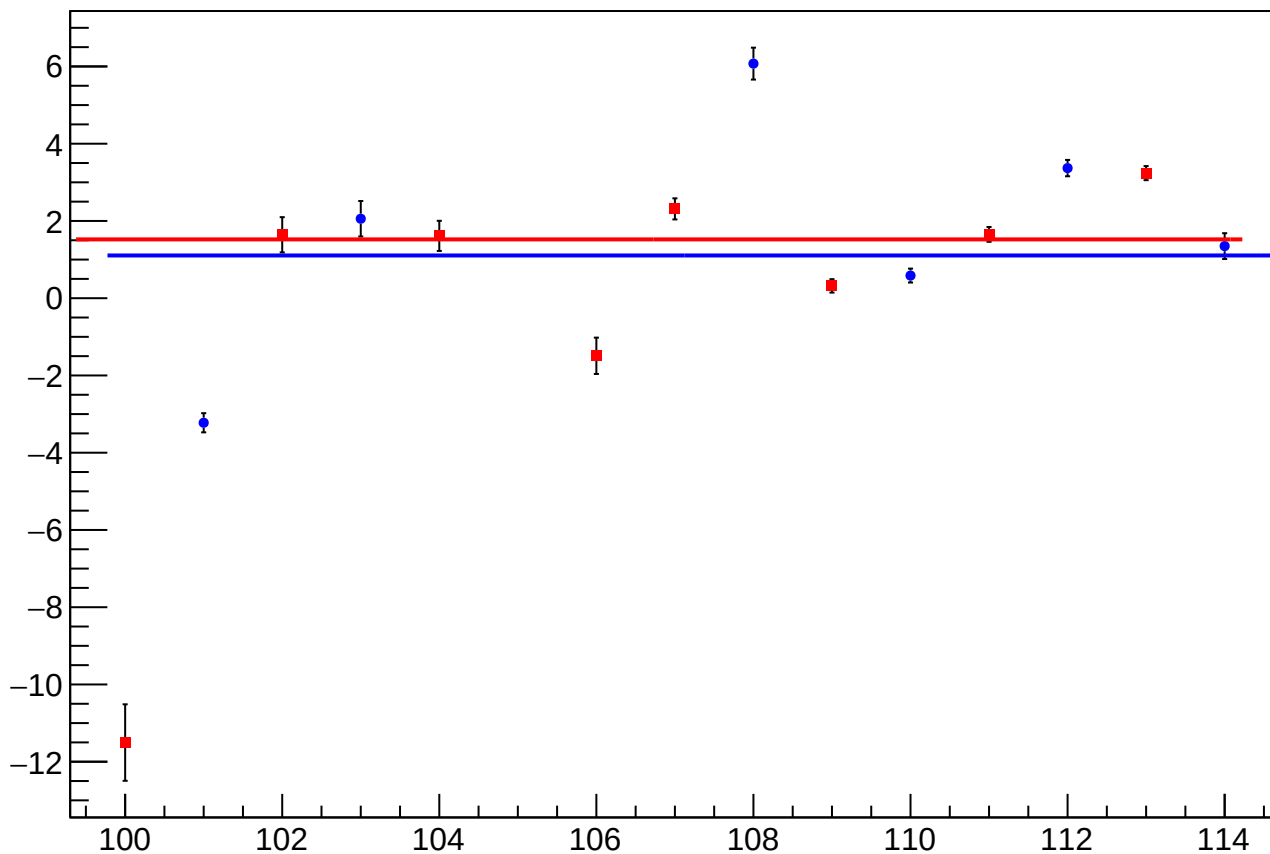
Right: -2.205 ± 0.047 $\chi^2/\text{NDF}: 75296.1/13$

In: -3.390 ± 0.076 $\chi^2/\text{NDF}: 28702.6/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.205 ± 0.047 $\chi^2/\text{NDF}: 75296.1/13$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.107+/-0.106 χ^2/NDF : 576.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.523+/-0.091 χ^2/NDF : 359.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

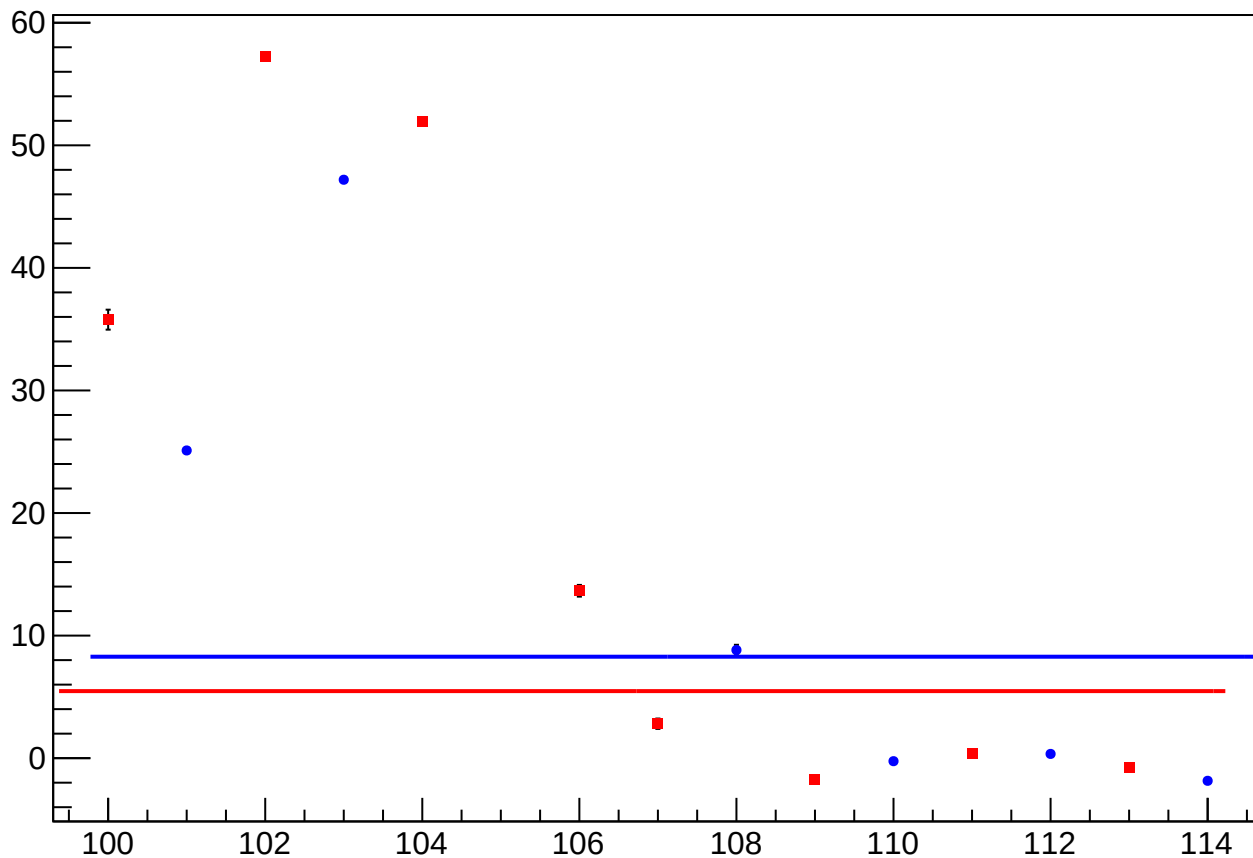
Right: 1.346+/-0.069 χ^2/NDF : 944.7/13

In: 1.107+/-0.106 χ^2/NDF : 576.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.346+/-0.069 χ^2/NDF : 944.7/13

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.278+/-0.098 χ^2/NDF : 22915.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.471+/-0.083 χ^2/NDF : 41280.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

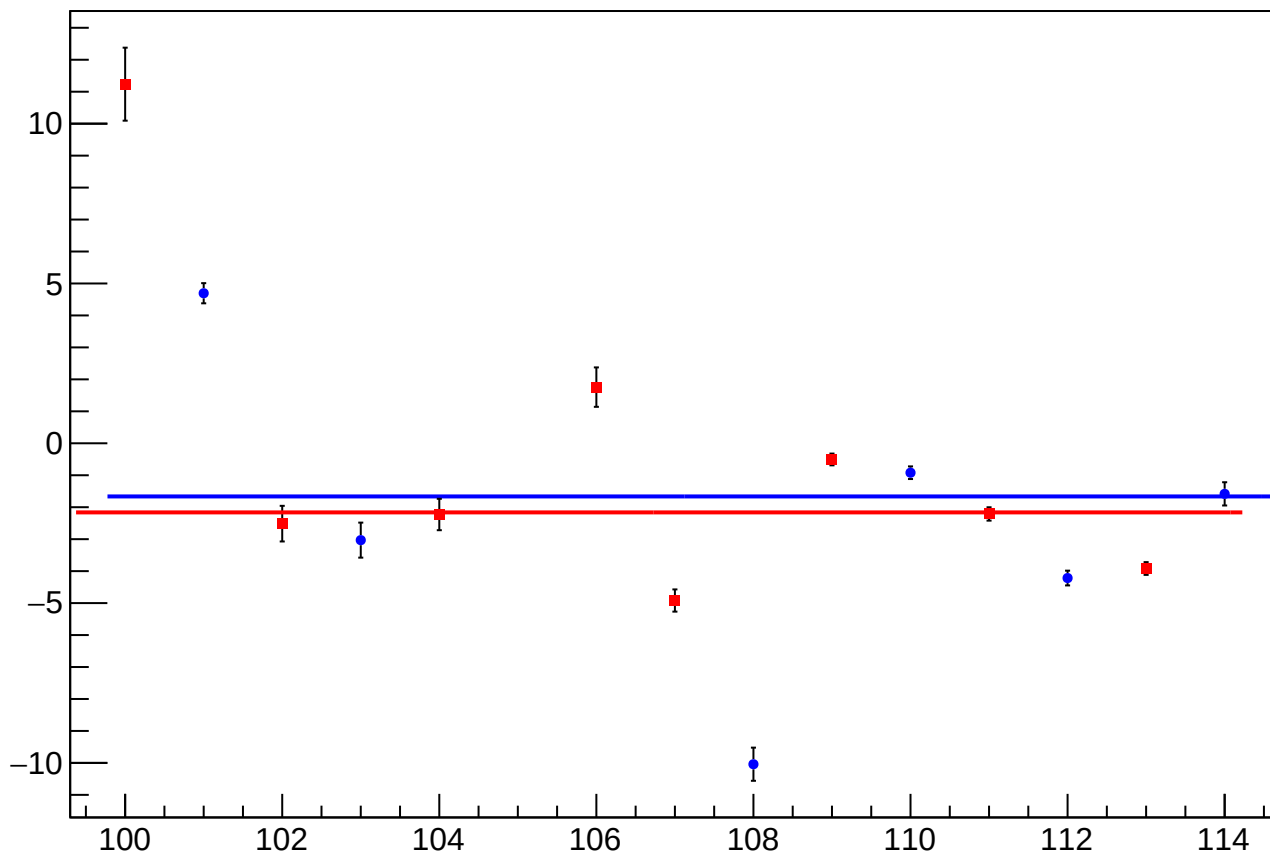
Right: 6.641+/-0.063 χ^2/NDF : 64676.9/13

In: 8.278+/-0.098 χ^2/NDF : 22915.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.641+/-0.063 χ^2/NDF : 64676.9/13

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.663 ± 0.120 χ^2/NDF : 809.4/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.162 ± 0.102 χ^2/NDF : 399.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

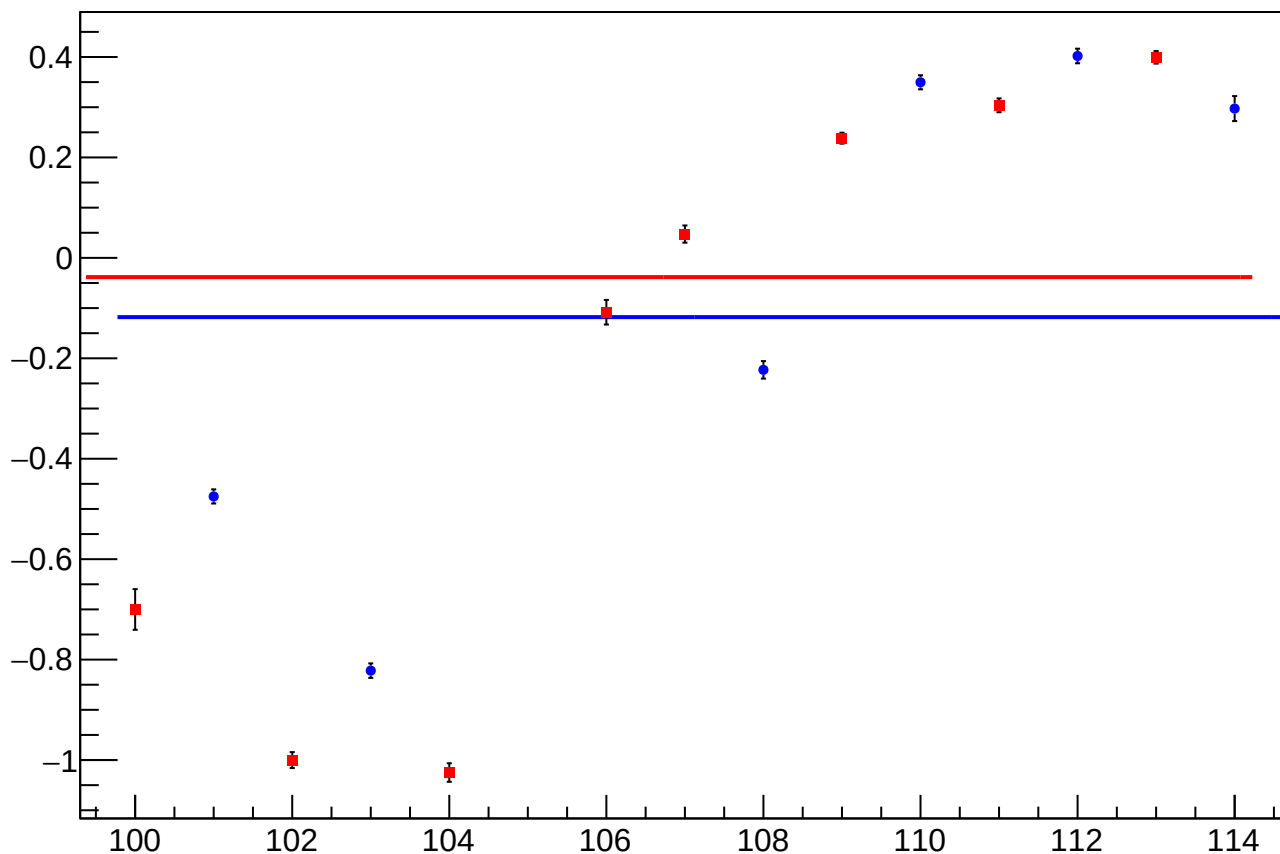
Right: -1.954 ± 0.078 χ^2/NDF : 1219.2/13

In: -1.663 ± 0.120 χ^2/NDF : 809.4/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.954 ± 0.078 χ^2/NDF : 1219.2/13

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.118 ± 0.006 $\chi^2/\text{NDF}: 5714.2/5$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.038 ± 0.006 $\chi^2/\text{NDF}: 9313.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

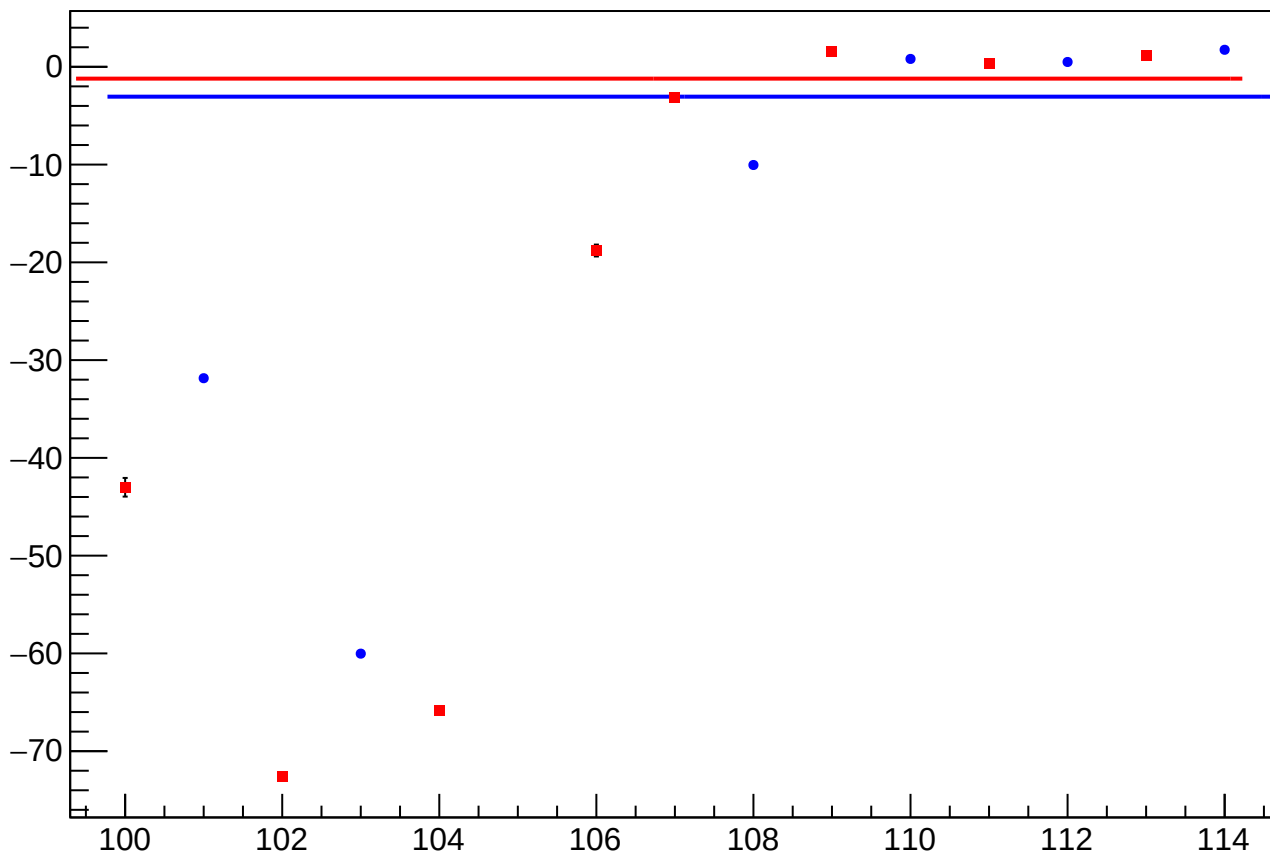
Right: -0.072 ± 0.004 $\chi^2/\text{NDF}: 15116.5/13$

In: -0.118 ± 0.006 $\chi^2/\text{NDF}: 5714.2/5$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.072 ± 0.004 $\chi^2/\text{NDF}: 15116.5/13$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

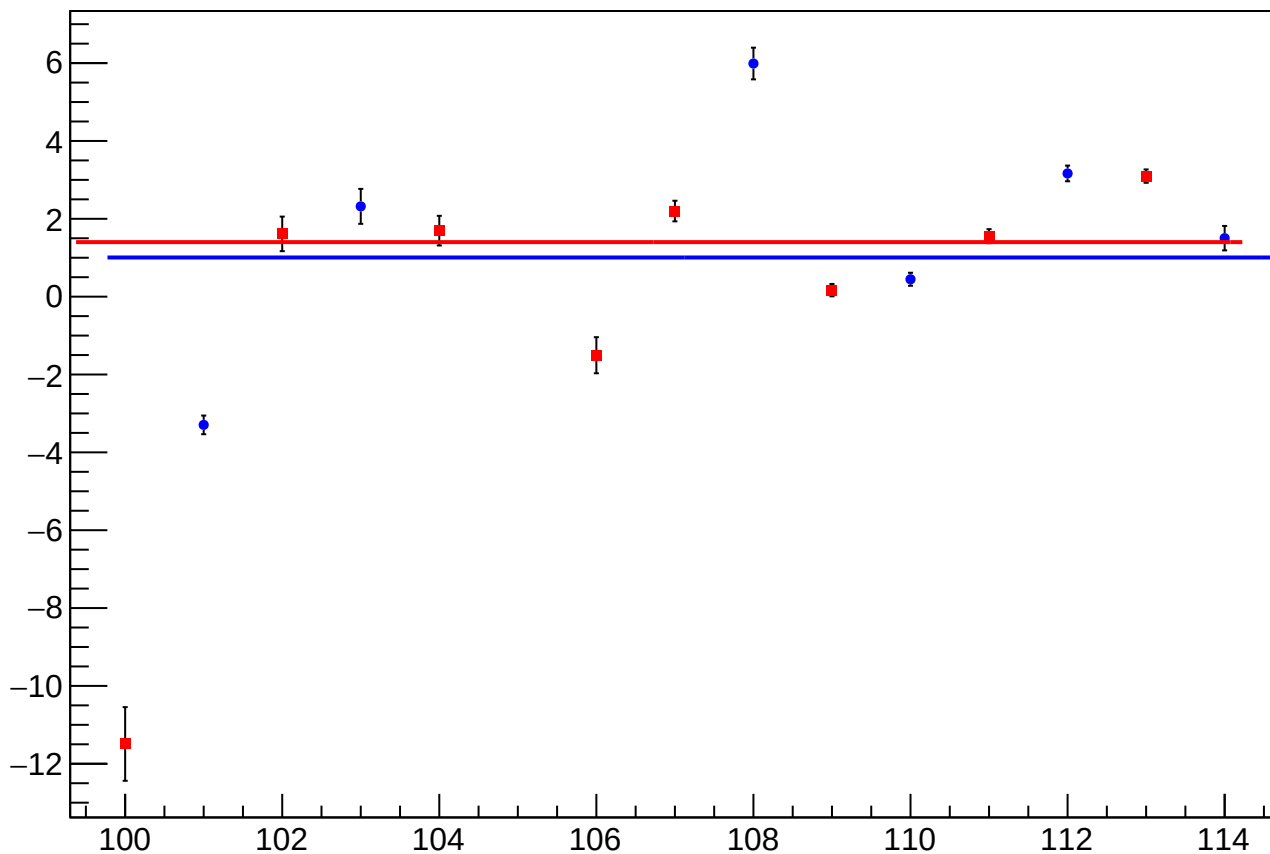
Right: -1.896+/-0.044 χ^2/NDF : 77696.5/13

In: -3.053+/-0.072 χ^2/NDF : 29809.5/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.896+/-0.044 χ^2/NDF : 77696.5/13

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

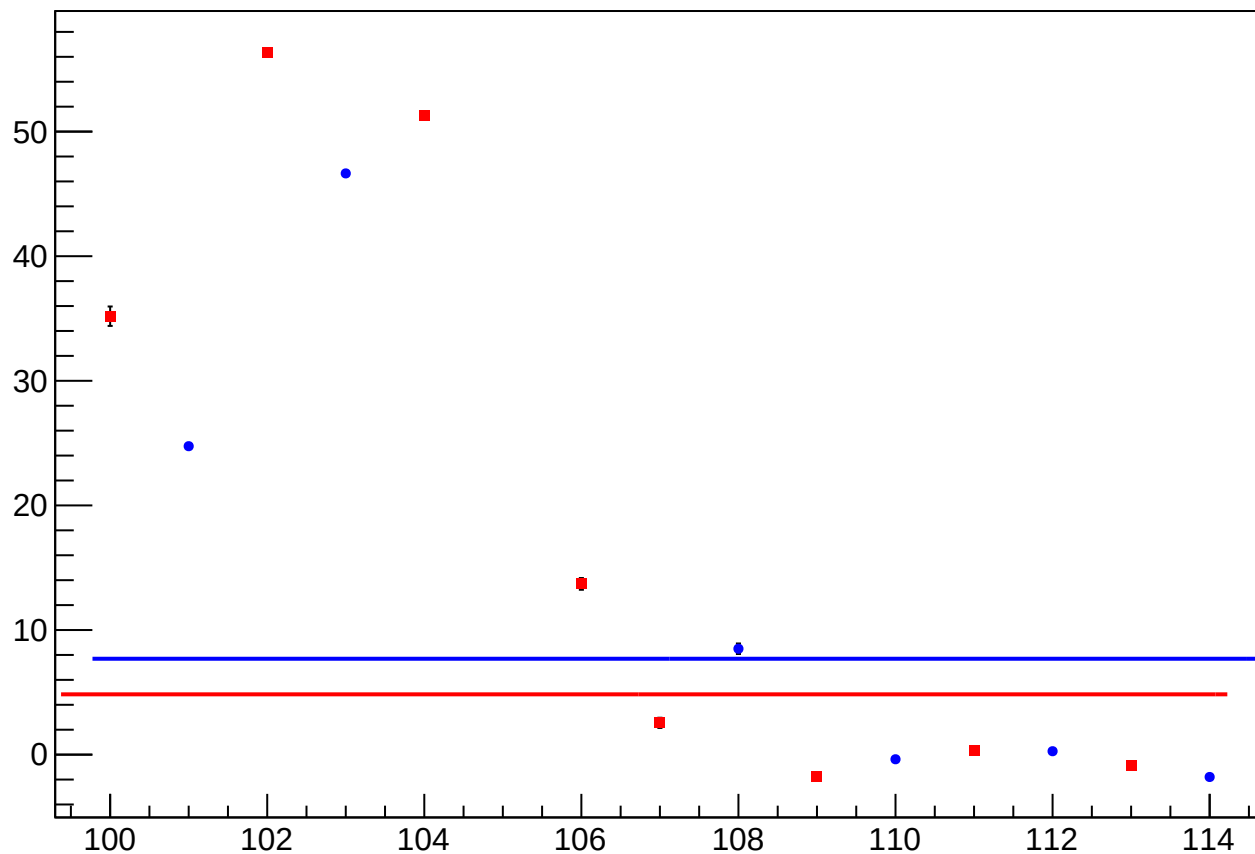
Right: 1.235 $\pm$ 0.065 χ^2 /NDF: 1010.8/13

In: 1.006 $\pm$ 0.101 χ^2 /NDF:608.1/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.235 $\pm$ 0.065 χ^2 /NDF: 1010.8/13

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

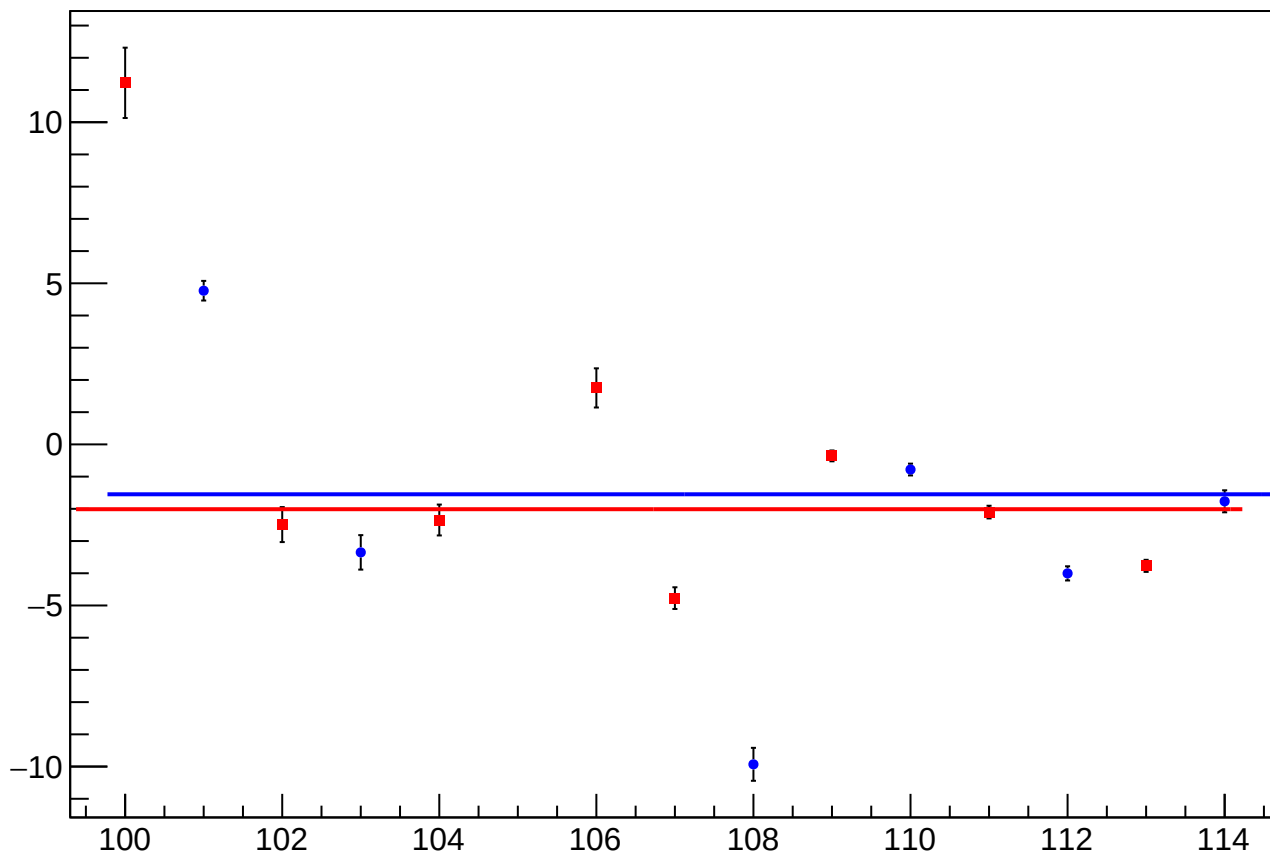
Right: 6.012+/-0.059 χ^2/NDF : 67473.8/13

In: 7.695+/-0.093 χ^2/NDF : 24089.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.012+/-0.059 χ^2/NDF : 67473.8/13

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

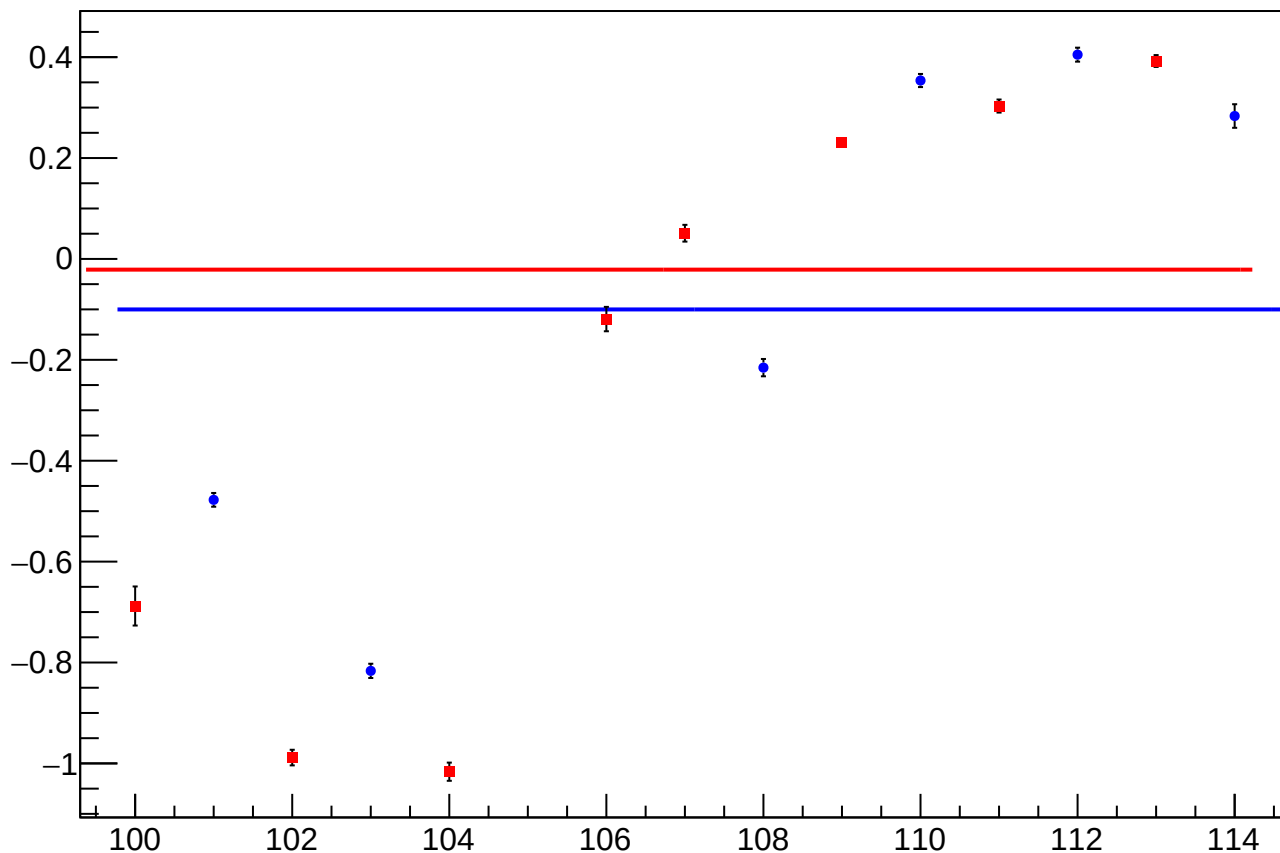
Right: -1.821 ± 0.073 χ^2/NDF : 1300.4/13

In: -1.549 ± 0.114 χ^2/NDF : 852.2/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.821 ± 0.073 χ^2/NDF : 1300.4/13

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

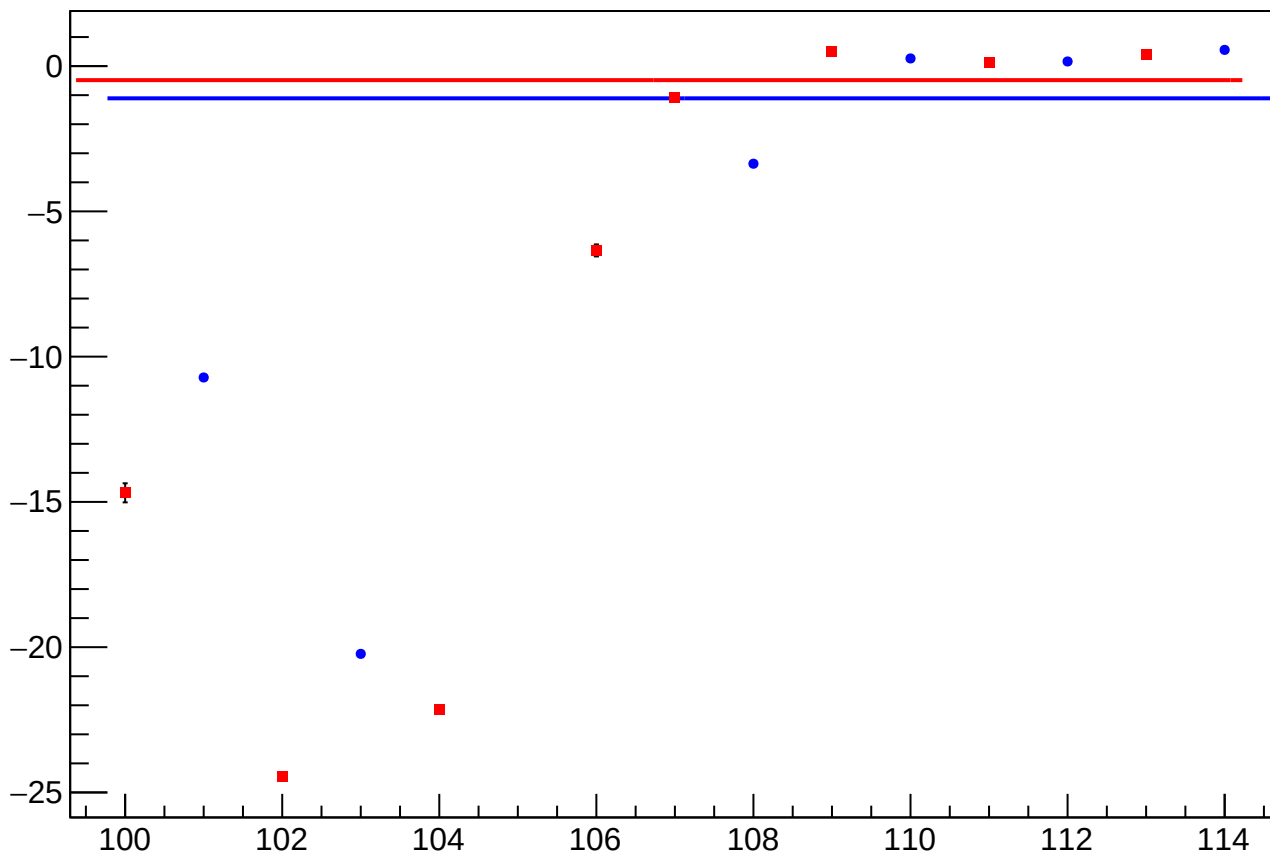
Right: -0.055 ± 0.004 χ^2/NDF : 16077.7/13

In: -0.100 ± 0.006 χ^2/NDF : 6198.3/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.055 ± 0.004 χ^2/NDF : 16077.7/13

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.109 $\pm$ 0.025 χ^2 /NDF: 29290.5/5

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.483 $\pm$ 0.019 χ^2 /NDF: 46844.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

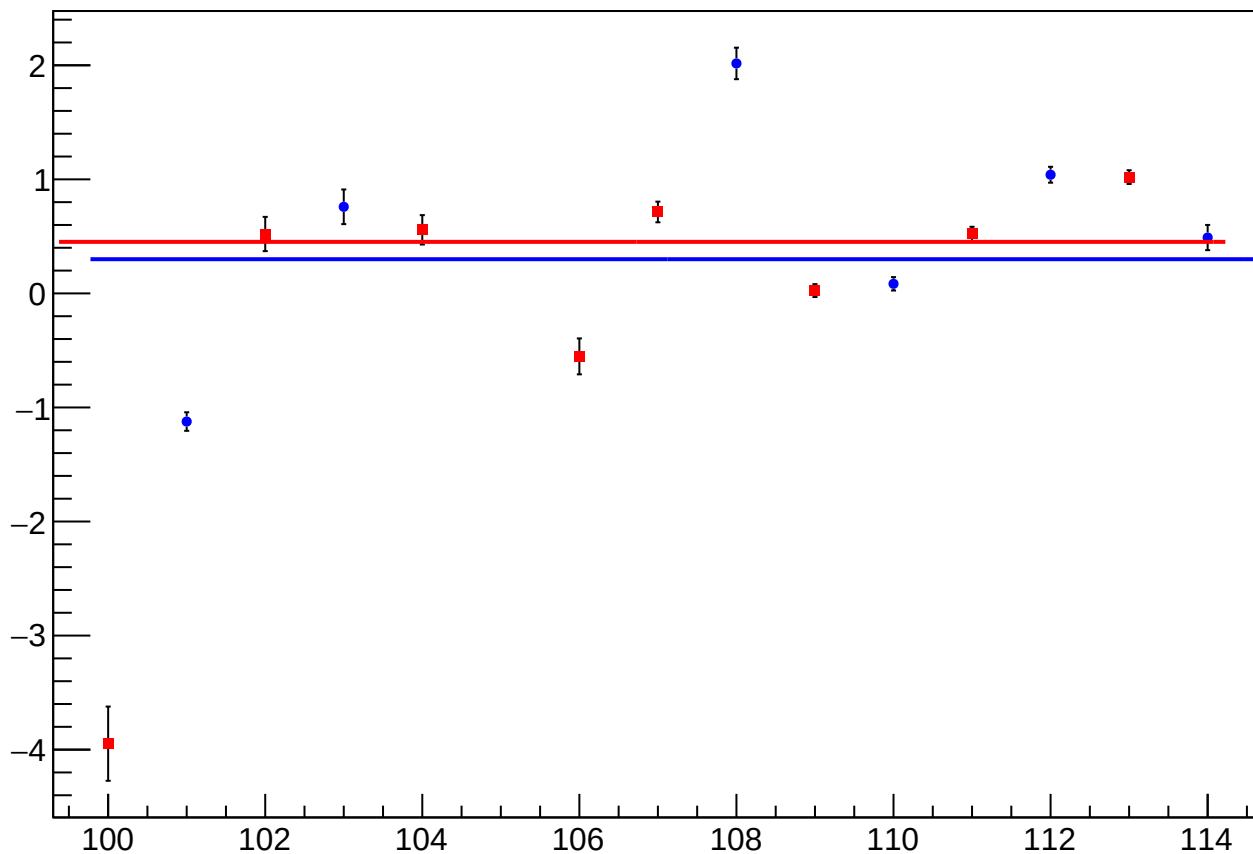
Right: -0.720 $\pm$ 0.015 χ^2 /NDF: 76526.1/13

In: -1.109 $\pm$ 0.025 χ^2 /NDF:29290.5/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.720 $\pm$ 0.015 χ^2 /NDF: 76526.1/13

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.300+/-0.035 χ^2/NDF : 599.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.452+/-0.030 χ^2/NDF : 379.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

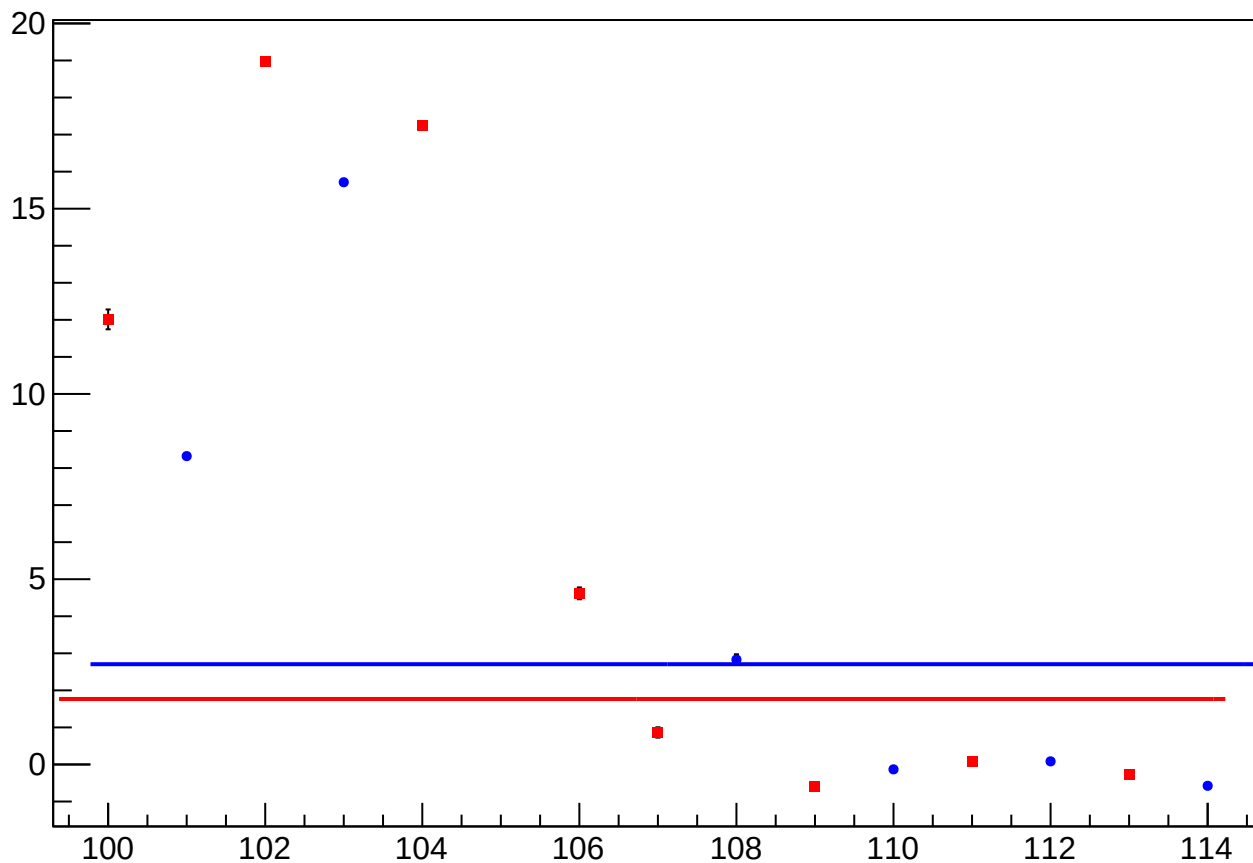
Right: 0.387+/-0.023 χ^2/NDF : 990.0/13

In: 0.300+/-0.035 χ^2/NDF : 599.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.387+/-0.023 χ^2/NDF : 990.0/13

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.032 χ^2/NDF : 23491.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.767+/-0.027 χ^2/NDF : 42010.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

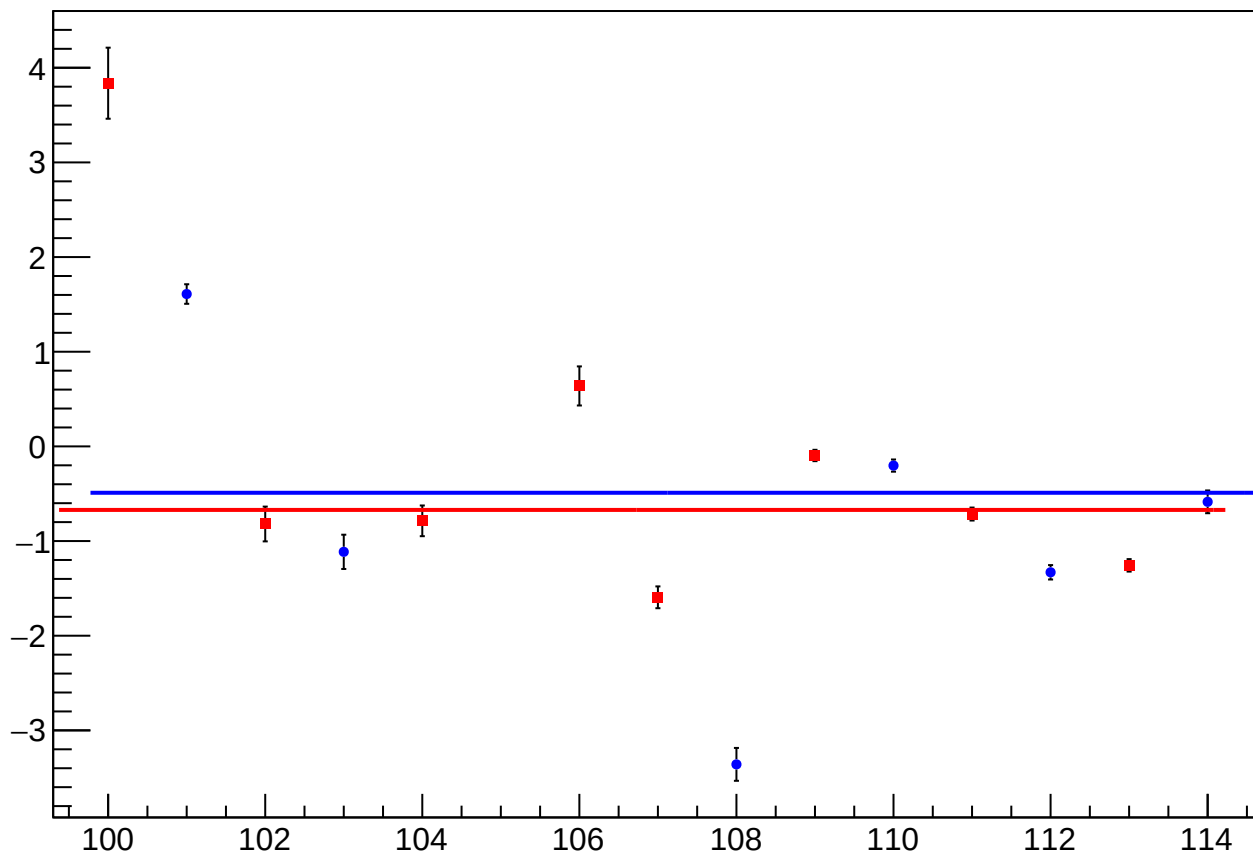
Right: 2.158+/-0.021 χ^2/NDF : 66002.0/13

In: 2.706+/-0.032 χ^2/NDF : 23491.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.158+/-0.021 χ^2/NDF : 66002.0/13

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

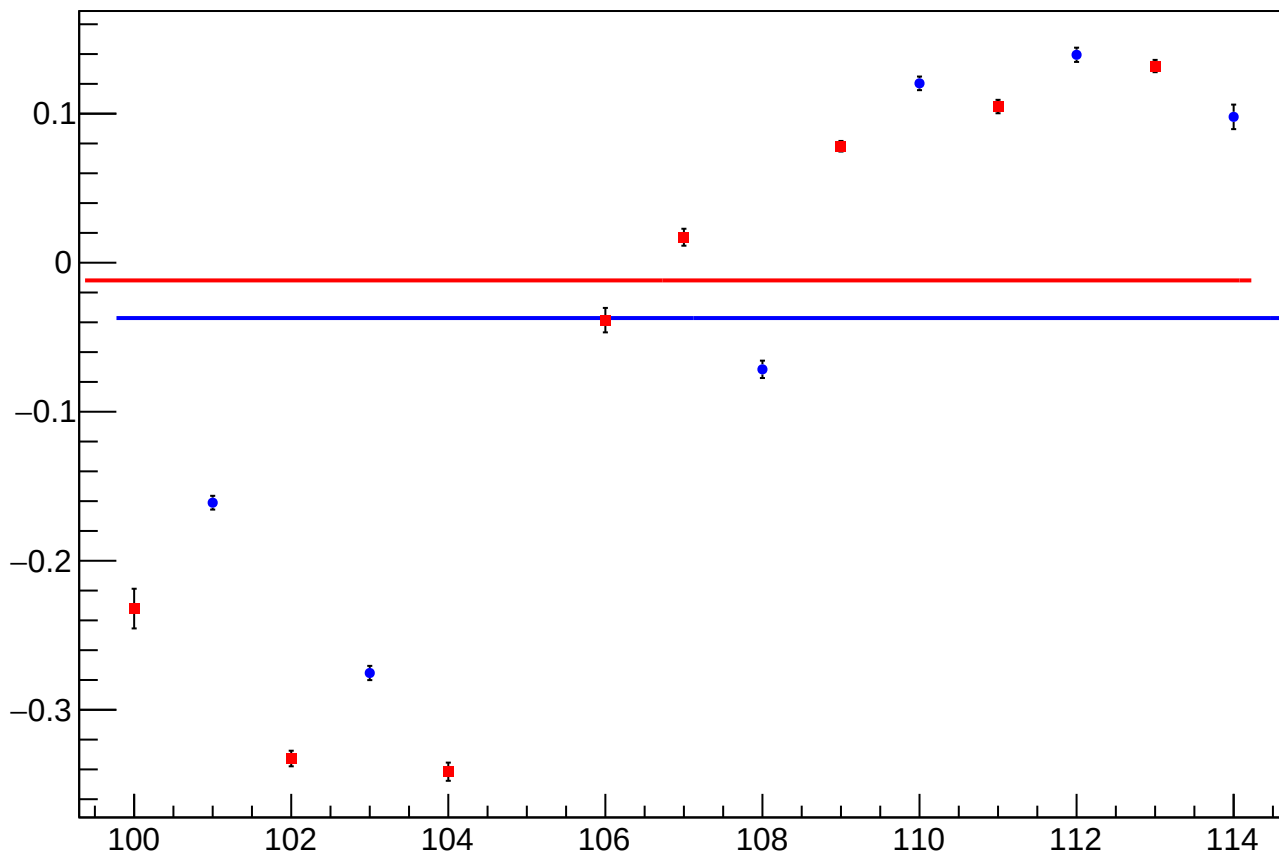
Right: -0.596 ± 0.026 χ^2/NDF : 1274.0/13

In: -0.490 ± 0.040 χ^2/NDF : 840.6/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.596 ± 0.026 χ^2/NDF : 1274.0/13

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

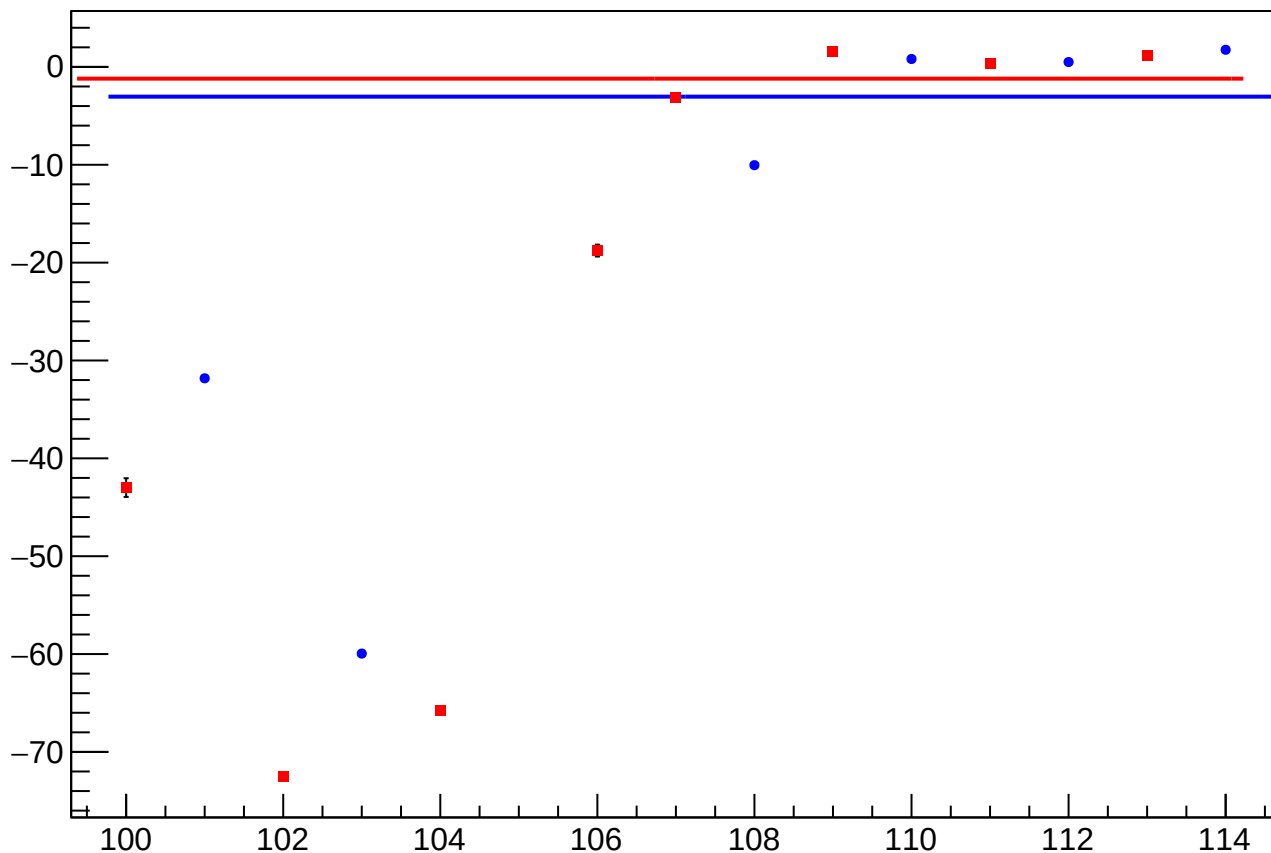
Right: -0.023 $\pm$ 0.001 χ^2 /NDF: 15652.6/13

In: -0.037 $\pm$ 0.002 χ^2 /NDF:6054.3/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.001 χ^2 /NDF: 15652.6/13

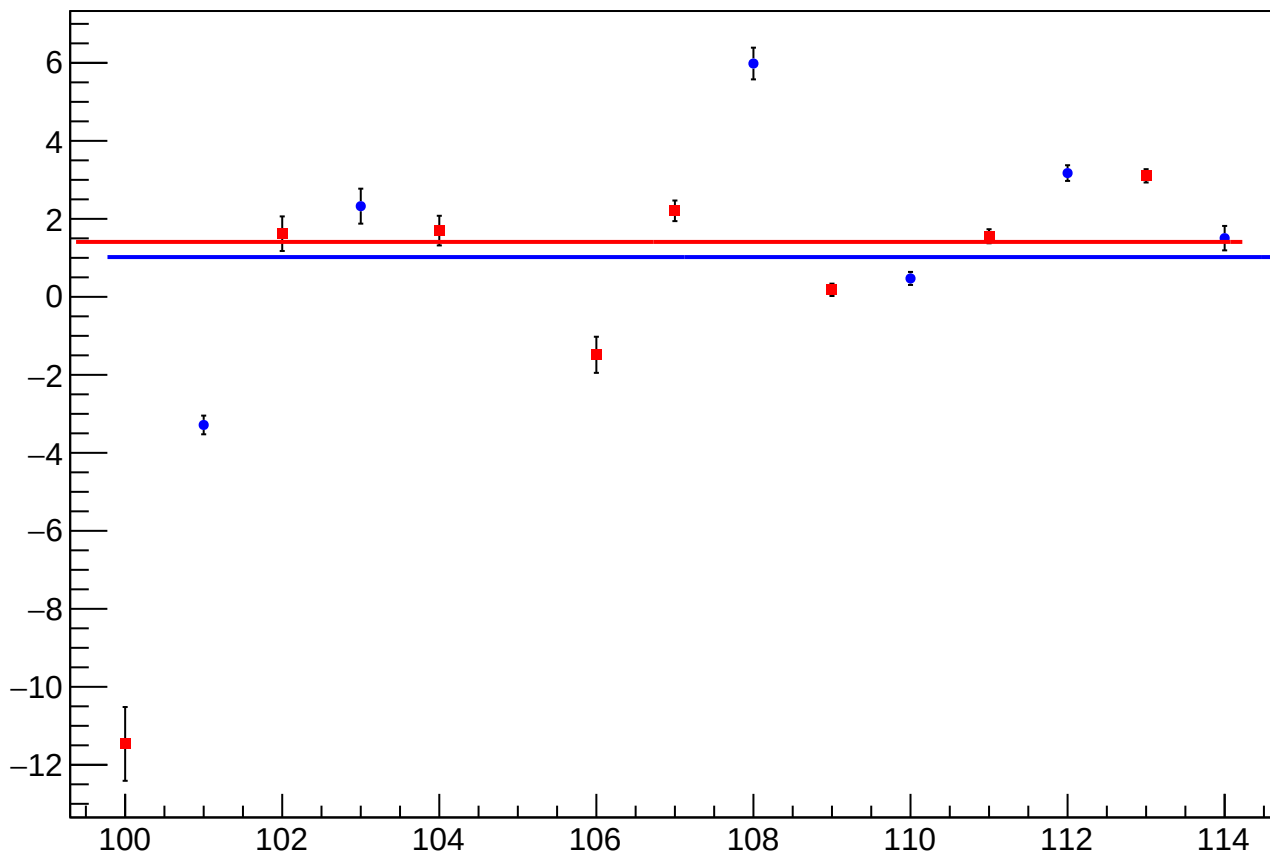
reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -1.885 ± 0.044 $\chi^2/\text{NDF}: 77715.5/13$
 In: -3.039 ± 0.072 $\chi^2/\text{NDF}: 29816.8/5$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -1.885 ± 0.044 $\chi^2/\text{NDF}: 77715.5/13$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.020+/-0.100 χ^2/NDF : 607.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.409+/-0.085 χ^2/NDF : 393.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

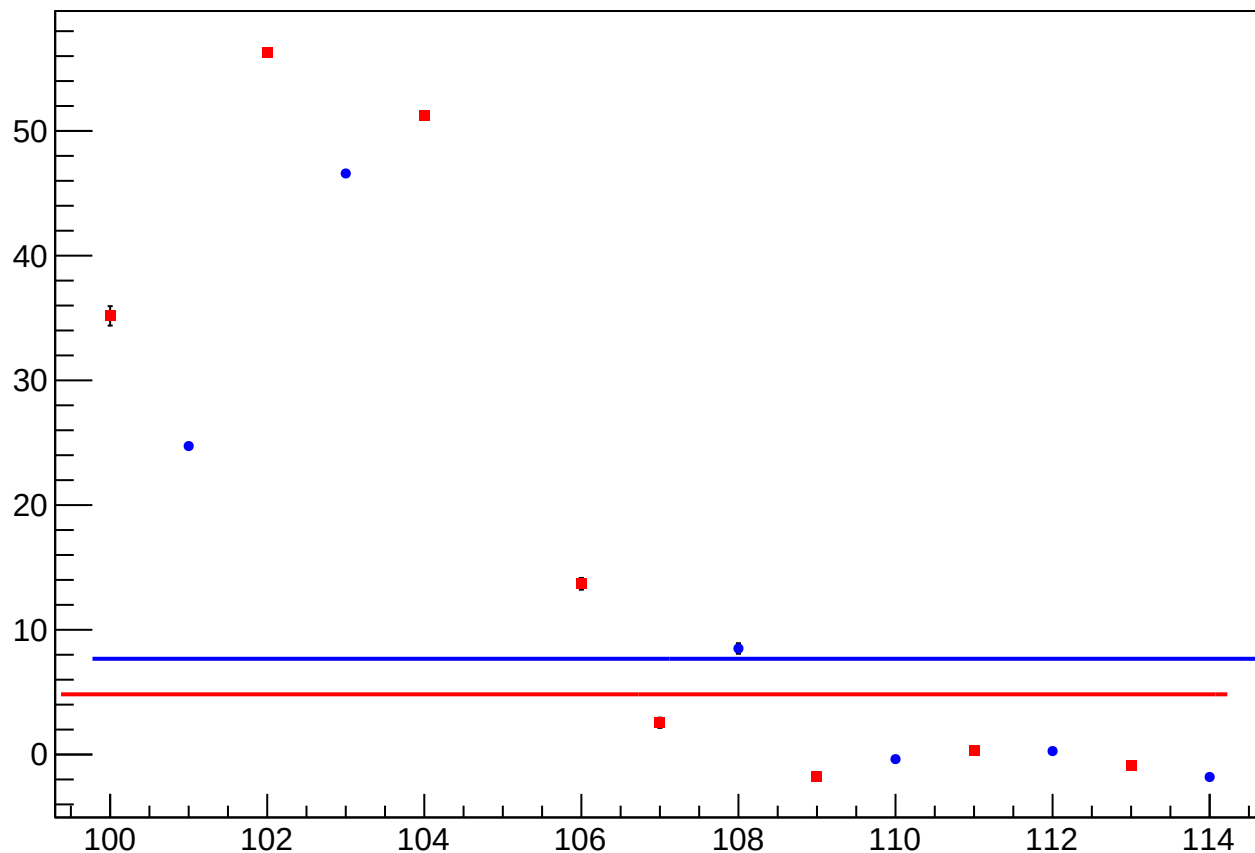
Right: 1.245+/-0.065 χ^2/NDF : 1009.6/13

In: 1.020+/-0.100 χ^2/NDF : 607.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.245+/-0.065 χ^2/NDF : 1009.6/13

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.676+/-0.093 χ^2/NDF : 24099.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.826+/-0.077 χ^2/NDF : 42839.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

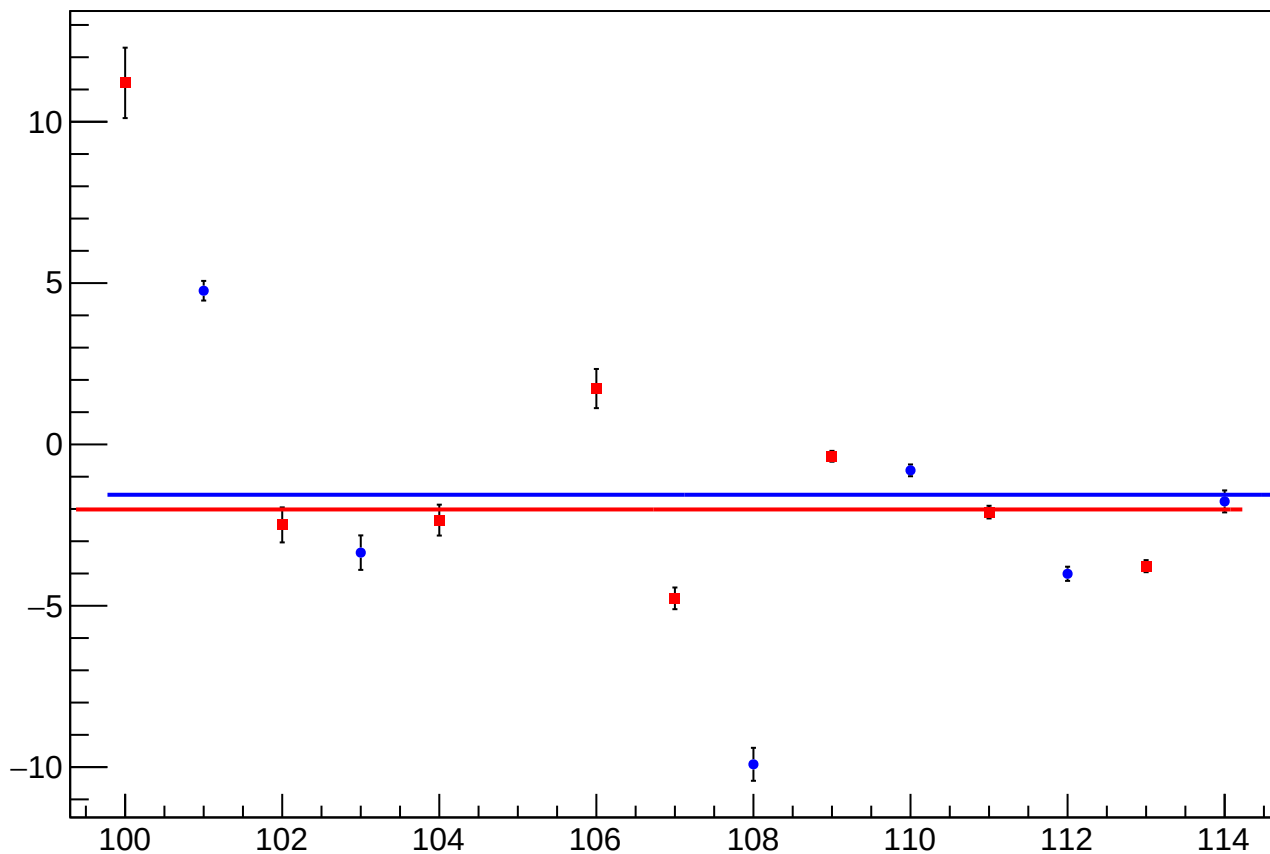
Right: 5.996+/-0.059 χ^2/NDF : 67498.0/13

In: 7.676+/-0.093 χ^2/NDF : 24099.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.996+/-0.059 χ^2/NDF : 67498.0/13

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

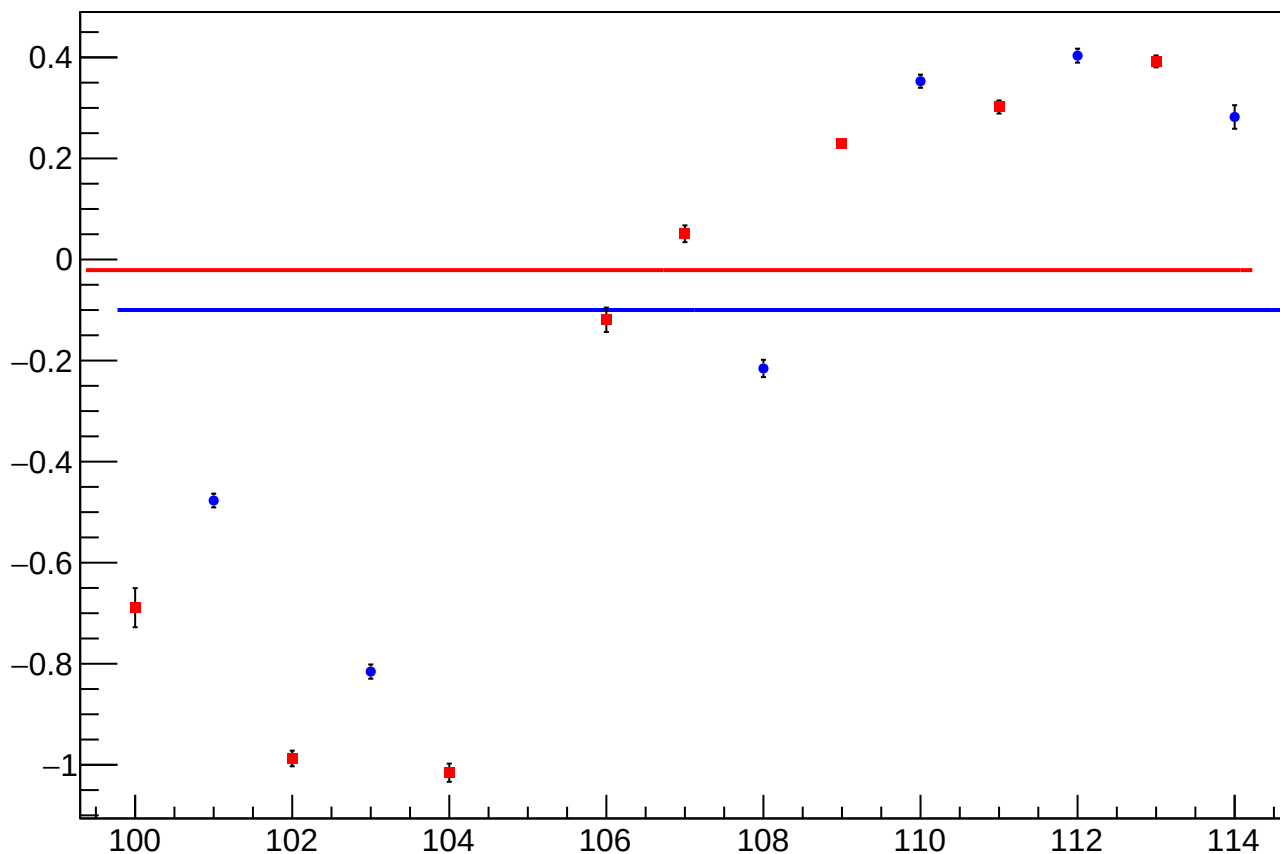
Right: -1.827+/-0.073 χ^2/NDF : 1299.0/13

In: -1.560+/-0.114 χ^2/NDF : 851.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.827+/-0.073 χ^2/NDF : 1299.0/13

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

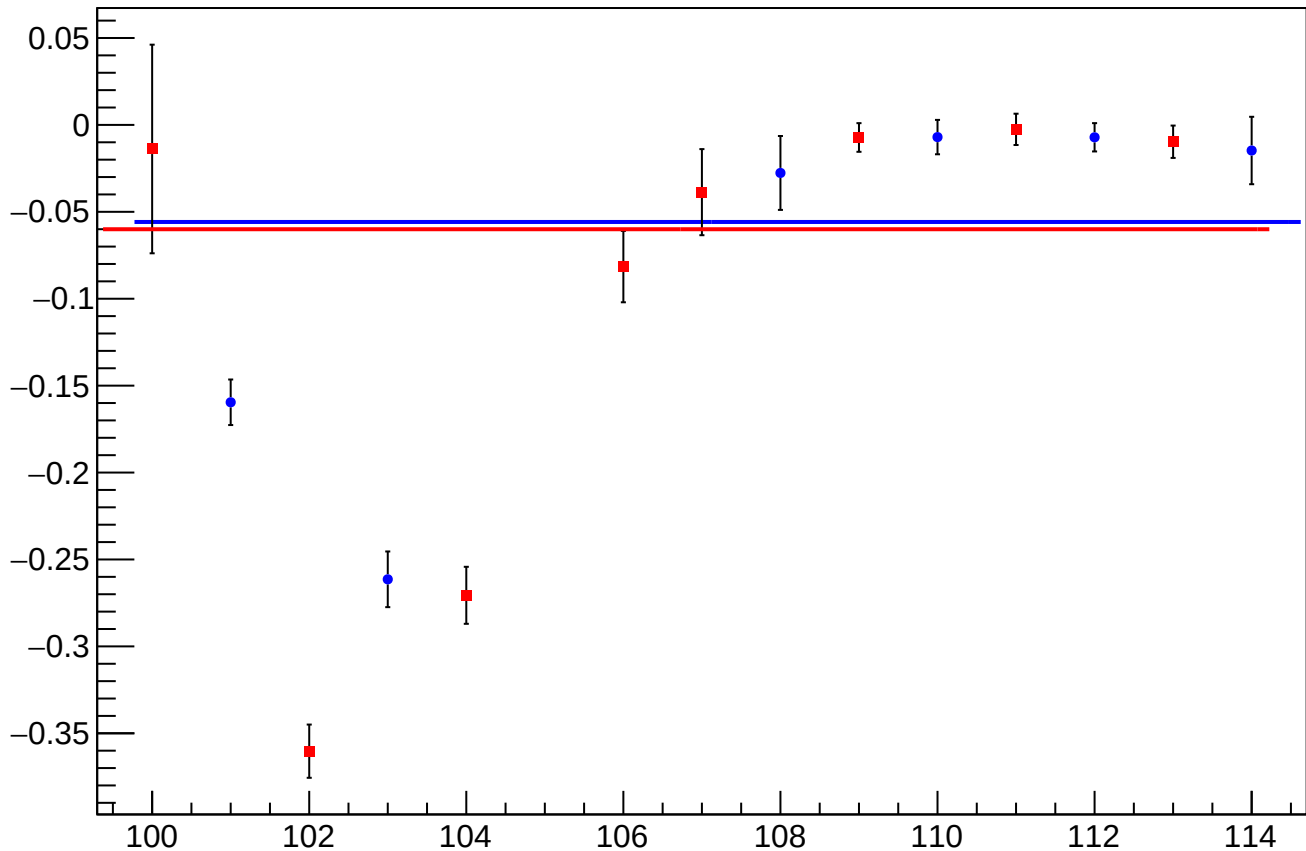
Right: -0.054 ± 0.004 χ^2/NDF : 16076.7/13

In: -0.100 ± 0.006 χ^2/NDF : 6193.1/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.004 χ^2/NDF : 16076.7/13

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

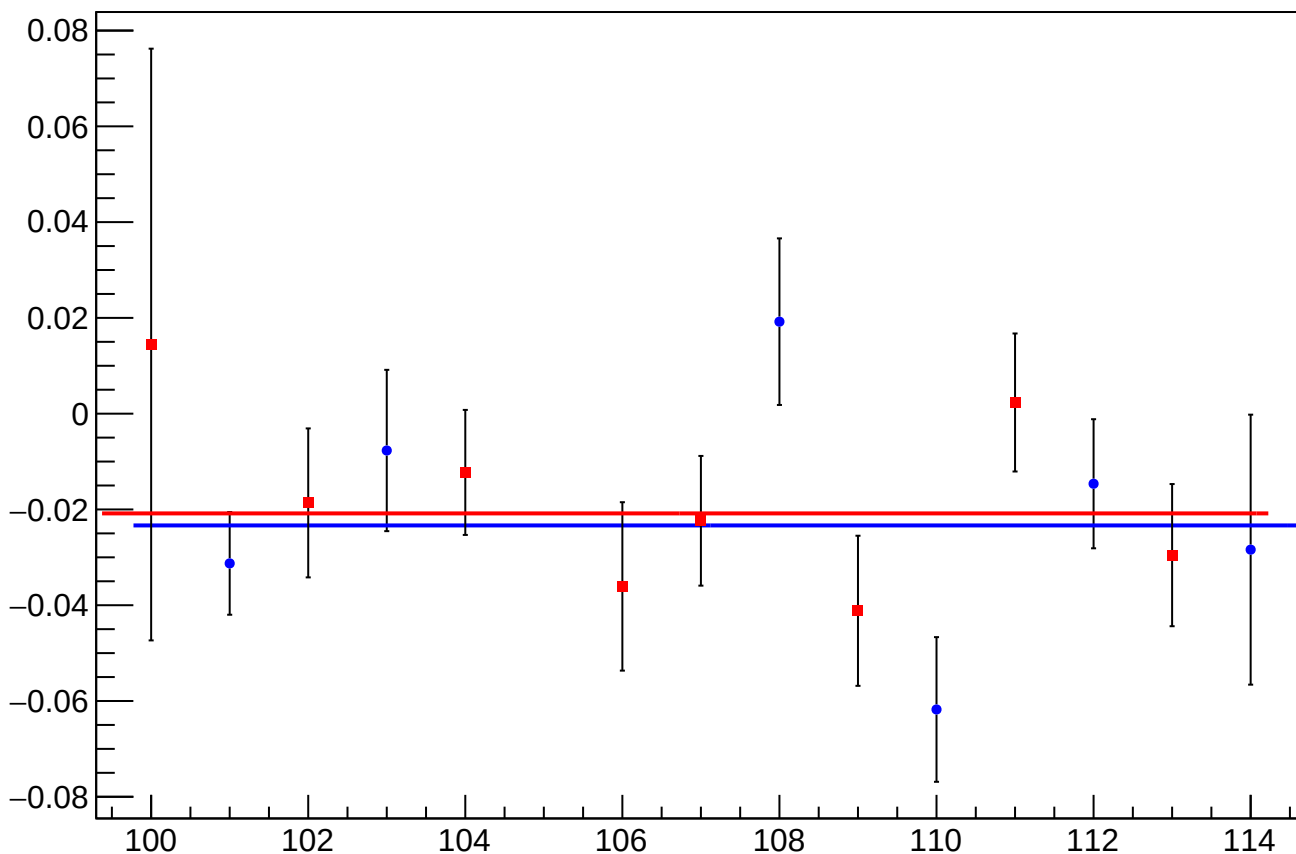
Right: -0.058 ± 0.003 χ^2/NDF : 957.1/13

In: -0.056 ± 0.005 χ^2/NDF : 293.8/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.003 χ^2/NDF : 957.1/13

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.006 χ^2/NDF : 14.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.006 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

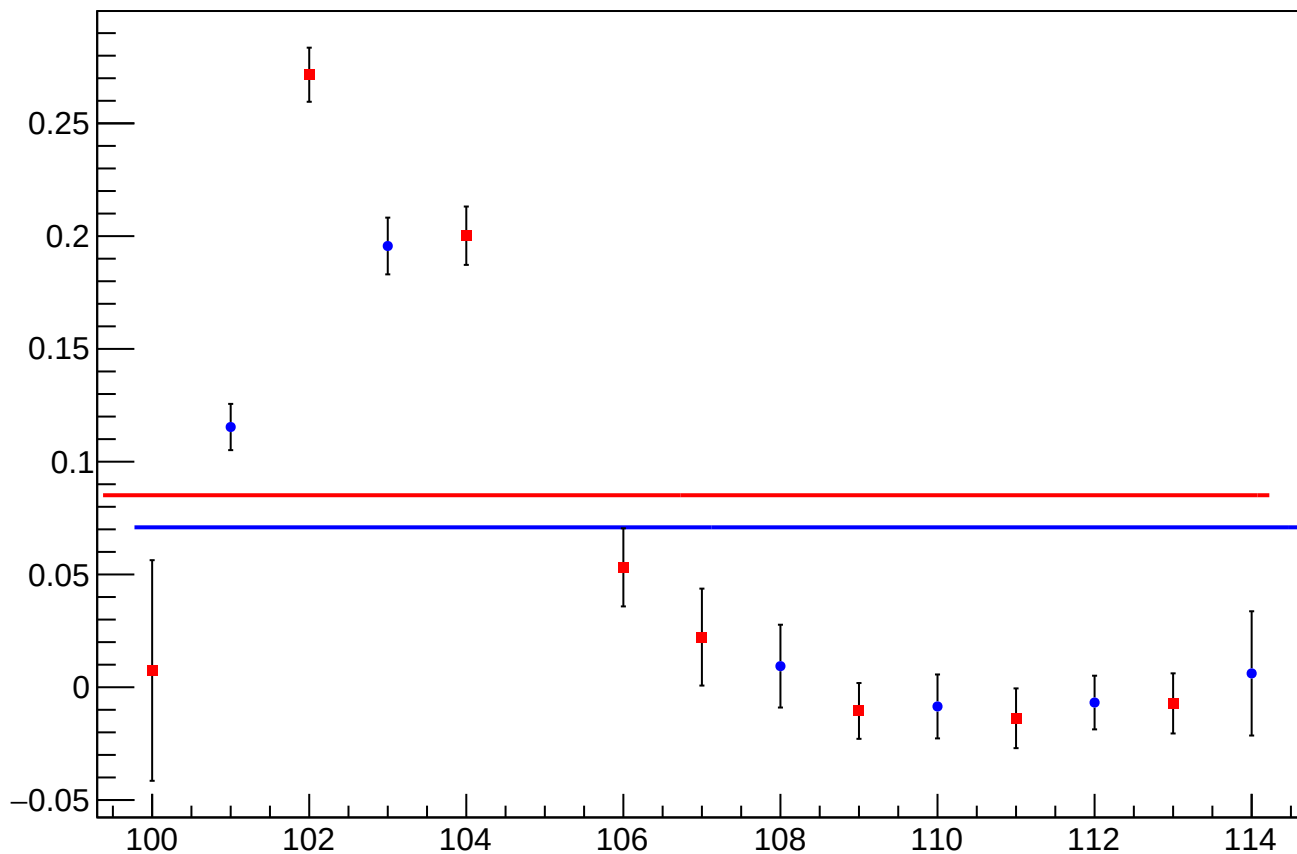
Right: -0.022+/-0.004 χ^2/NDF : 20.6/13

In: -0.023+/-0.006 χ^2/NDF : 14.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.004 χ^2/NDF : 20.6/13

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.071+/-0.006 χ^2/NDF : 208.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.085+/-0.005 χ^2/NDF : 498.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

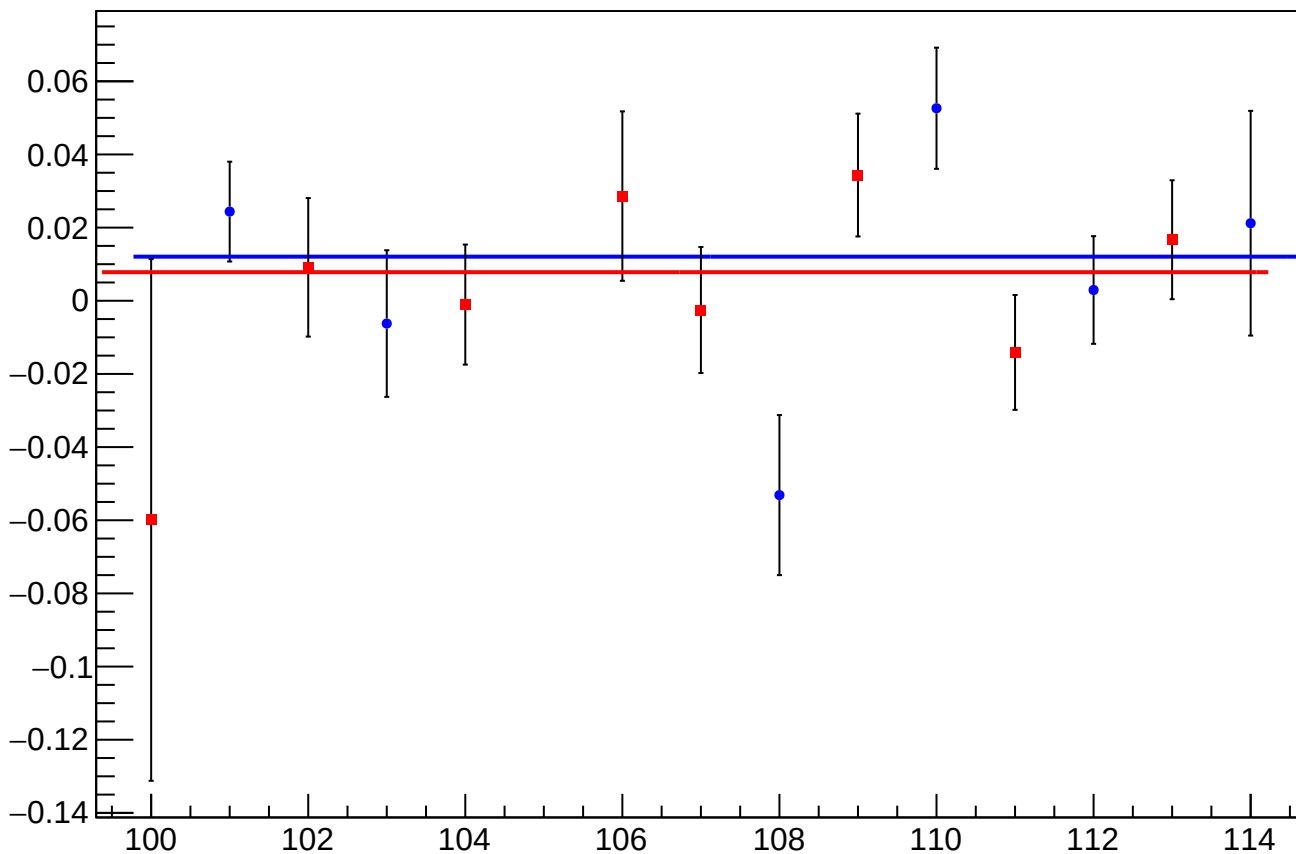
Right: 0.078+/-0.004 χ^2/NDF : 710.0/13

In: 0.071+/-0.006 χ^2/NDF : 208.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.078+/-0.004 χ^2/NDF : 710.0/13

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

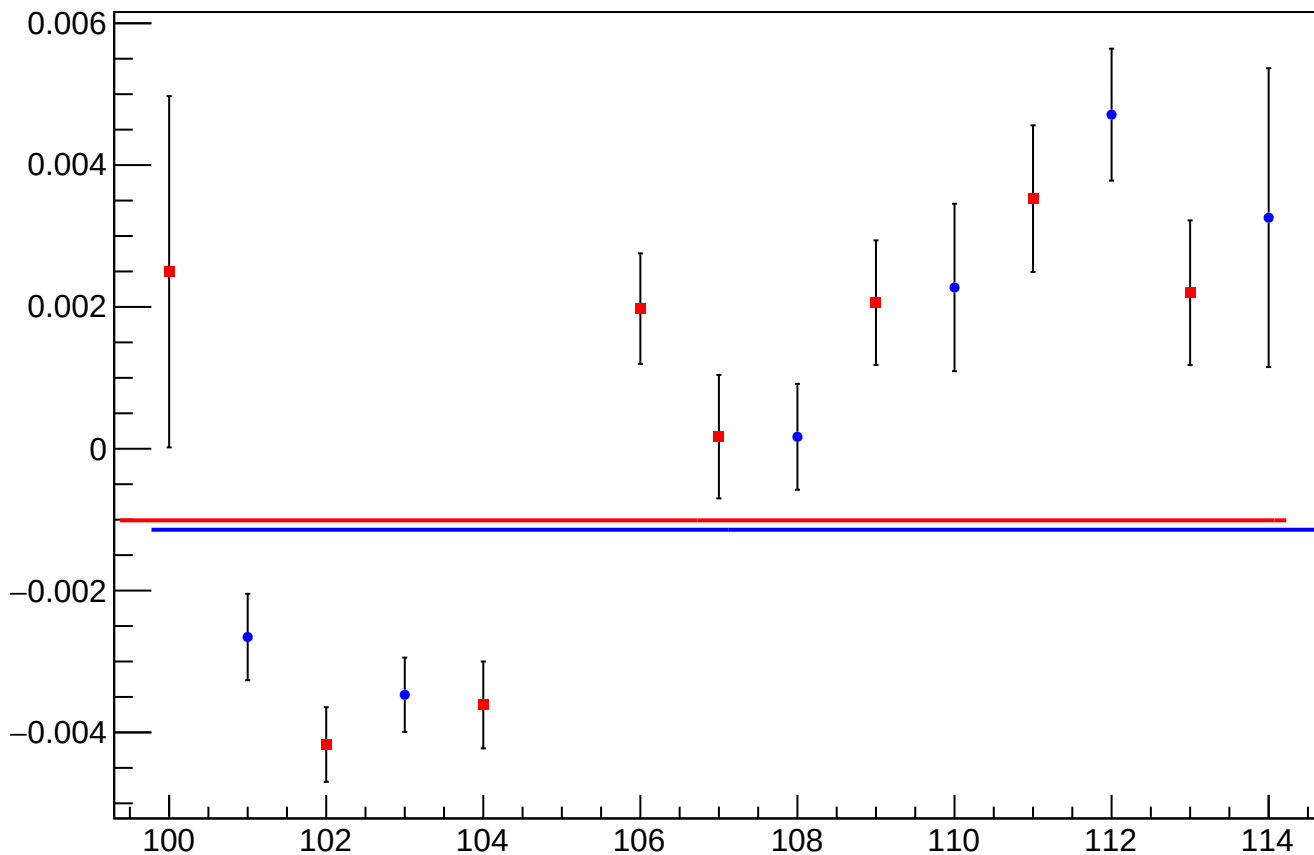
Right: 0.010 $\pm$ 0.005 χ^2 /NDF: 24.3/13

In: 0.012 $\pm$ 0.007 χ^2 /NDF: 17.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.005 χ^2 /NDF: 24.3/13

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

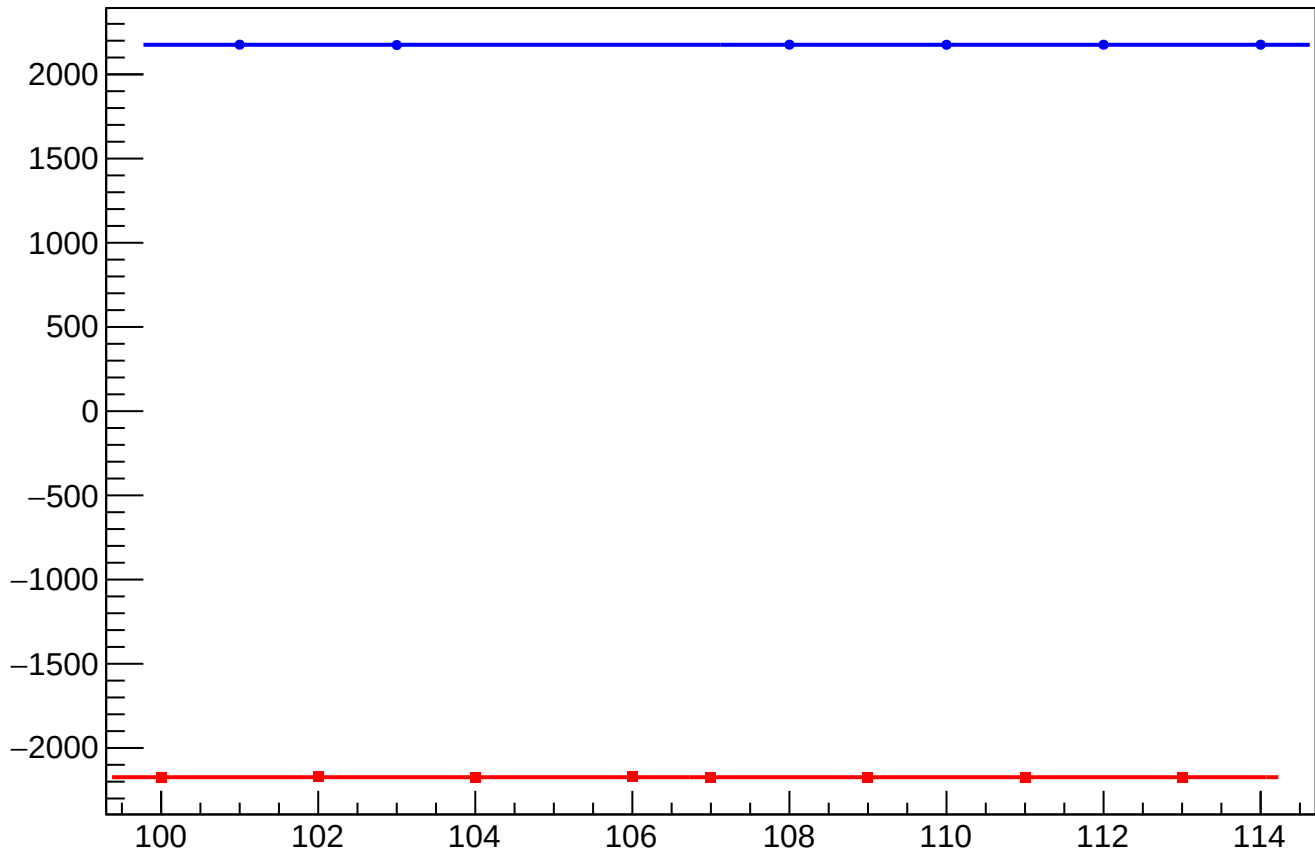
Right: -0.001+/-0.000 χ^2/NDF : 195.5/13

In: -0.001+/-0.000 χ^2/NDF : 81.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

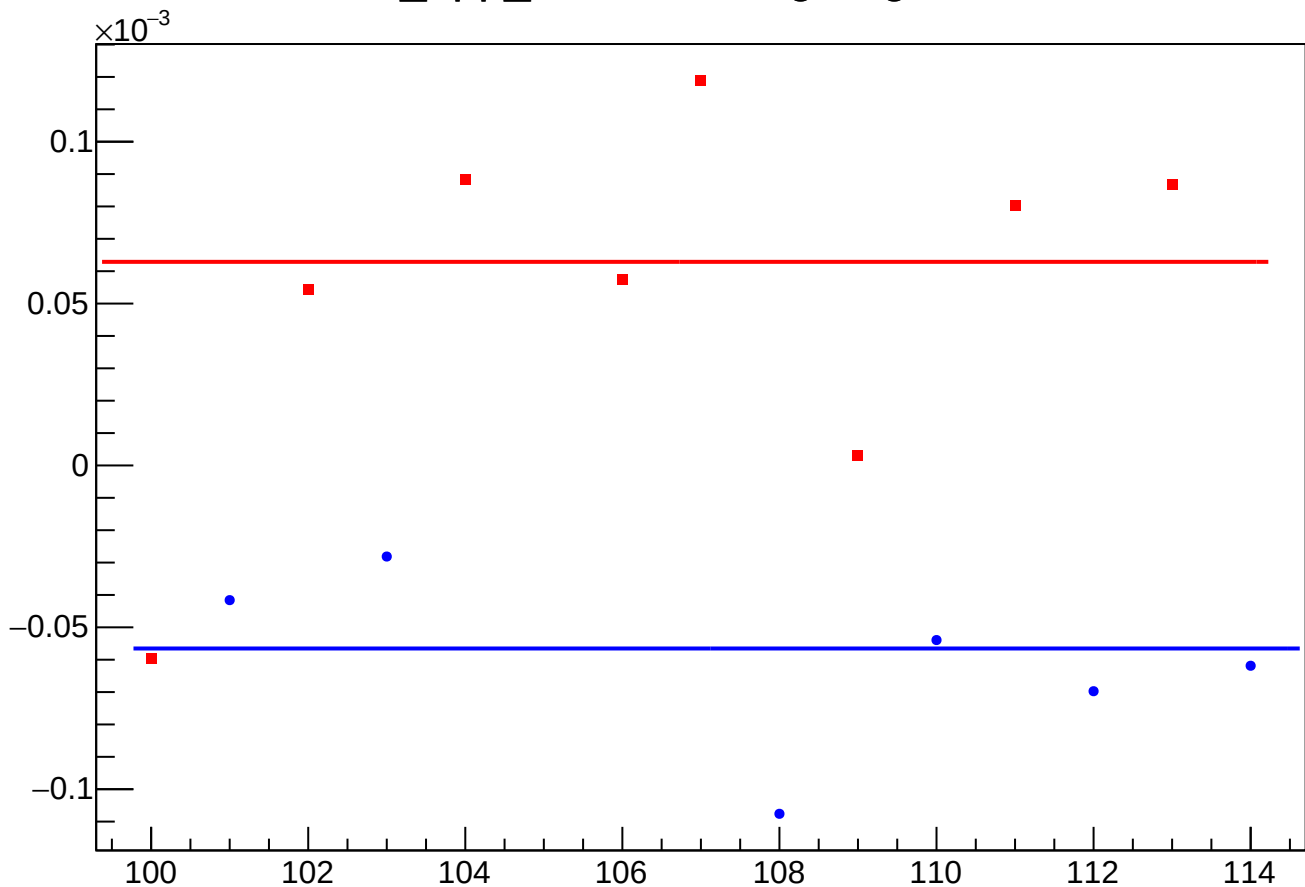
All: -0.001+/-0.000 χ^2/NDF : 195.5/13

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -228.592+/-0.000 χ^2/NDF : 28337306318220
Right In: 2175.663+/-0.000 χ^2/NDF : 207263275030190914168299724996608.0/5
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 2175.663+/-0.000 χ^2/NDF : 207263275030190914168299724996608.0/5
Right Out: -2173.527+/-0.000 χ^2/NDF : 1995784978898265081523394771419136.0/7
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -228.592+/-0.000 χ^2/NDF : 28337306318

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 182030410716881591730176.0/5

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 27687123619728061

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.000+/-0.000

χ^2/NDF : 182030410716881591

Right Out: 0.000+/-0.000

χ^2/NDF : 450027678495972178001920.0/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

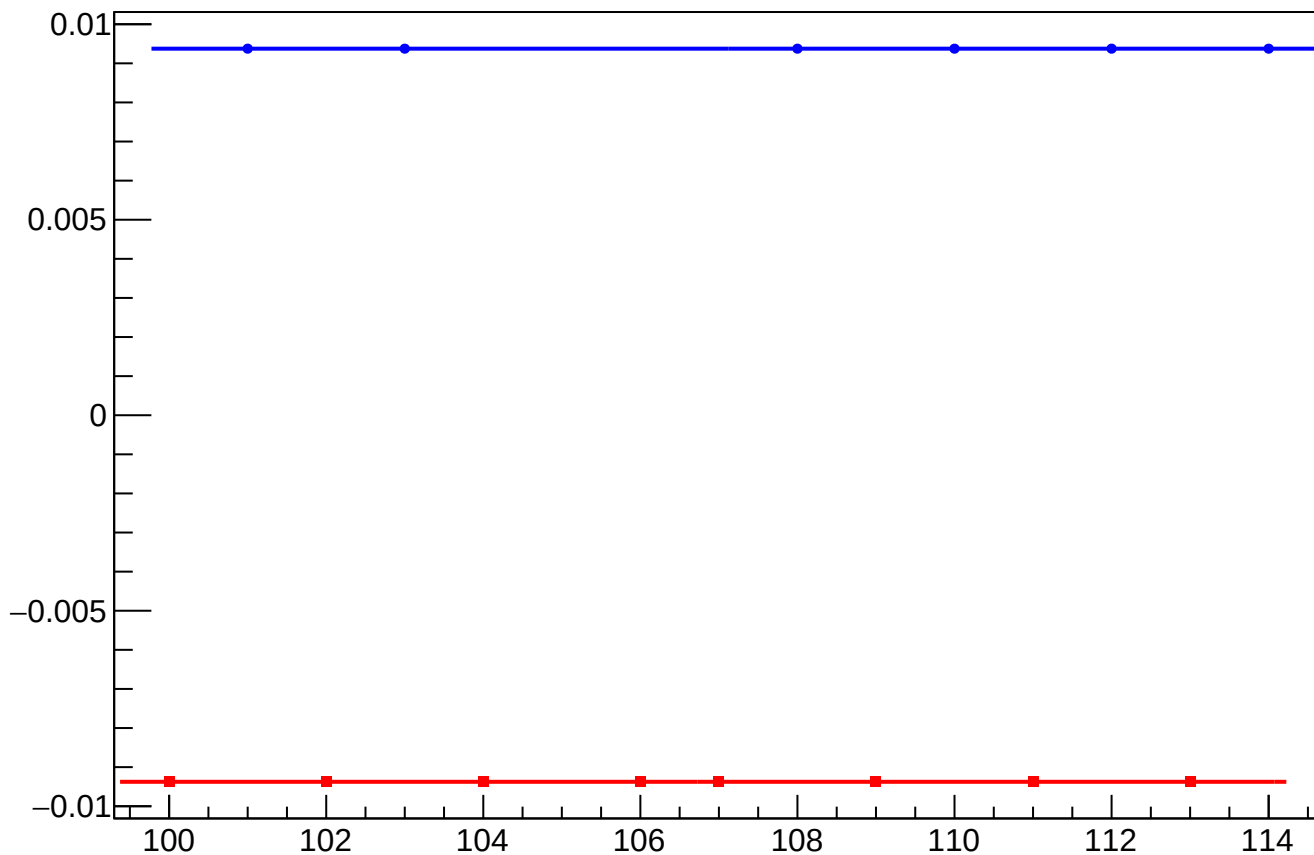
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 27687123619728

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

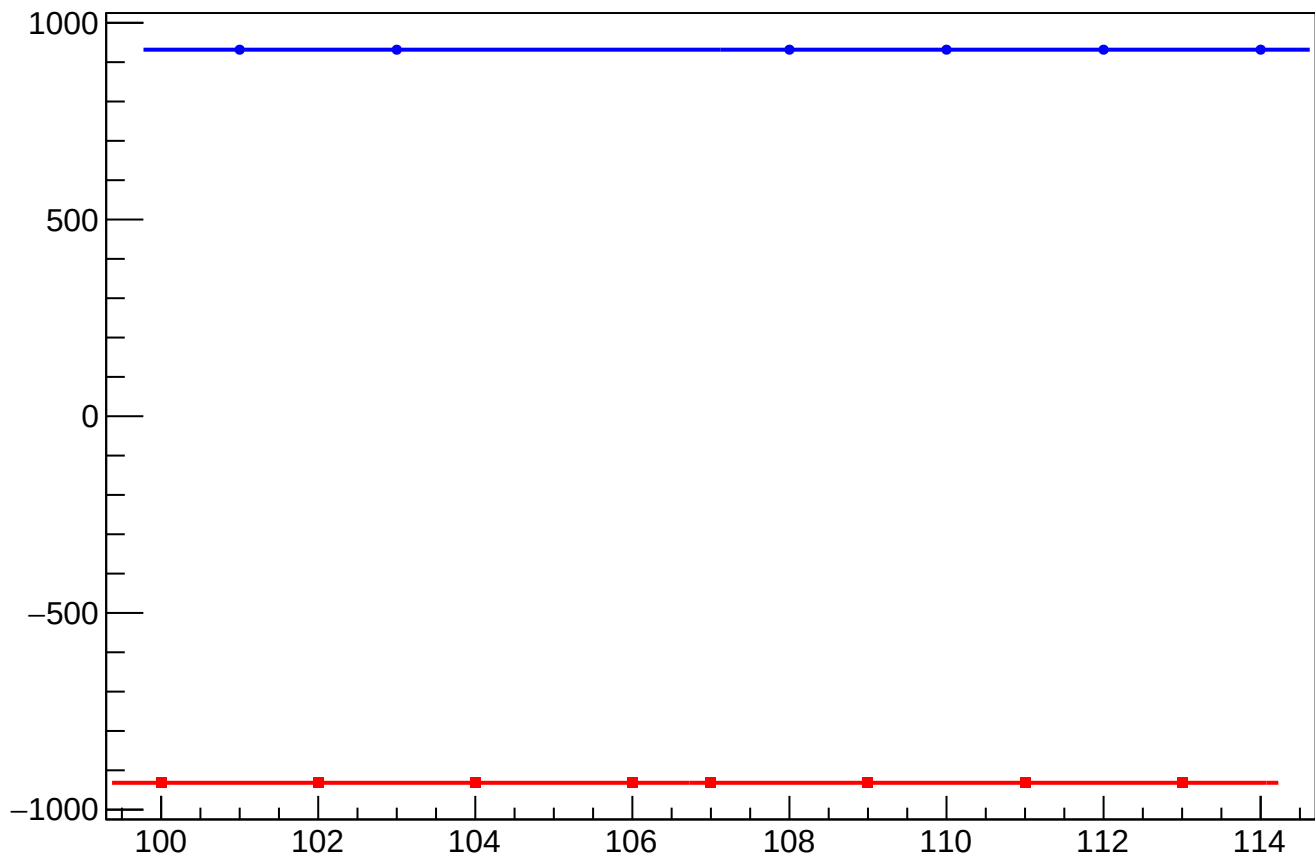
Right: -0.001+/-0.000 χ^2/NDF : 5266765934405938

In: 0.009+/-0.000 χ^2/NDF : 0.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

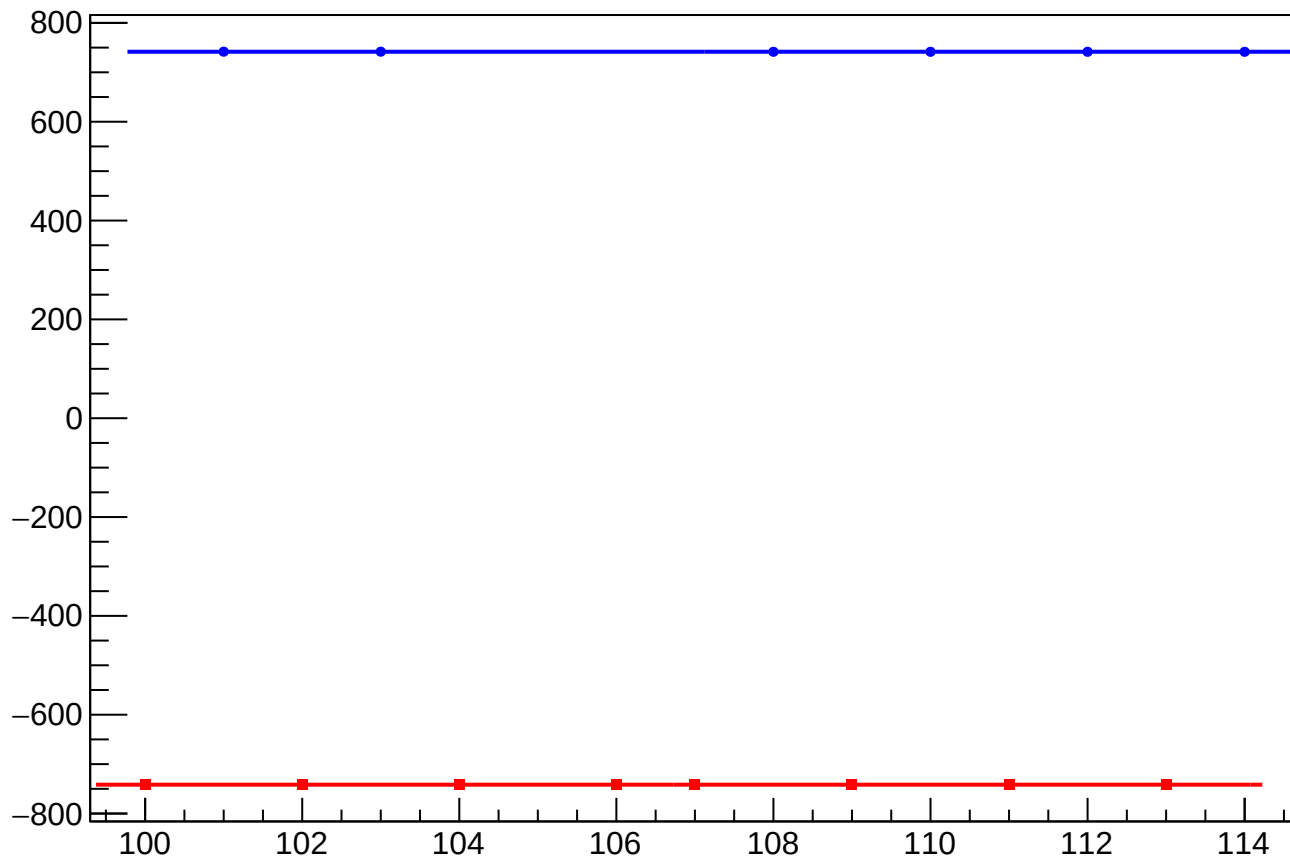
All: -0.001+/-0.000 χ^2/NDF : 5266765934405

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



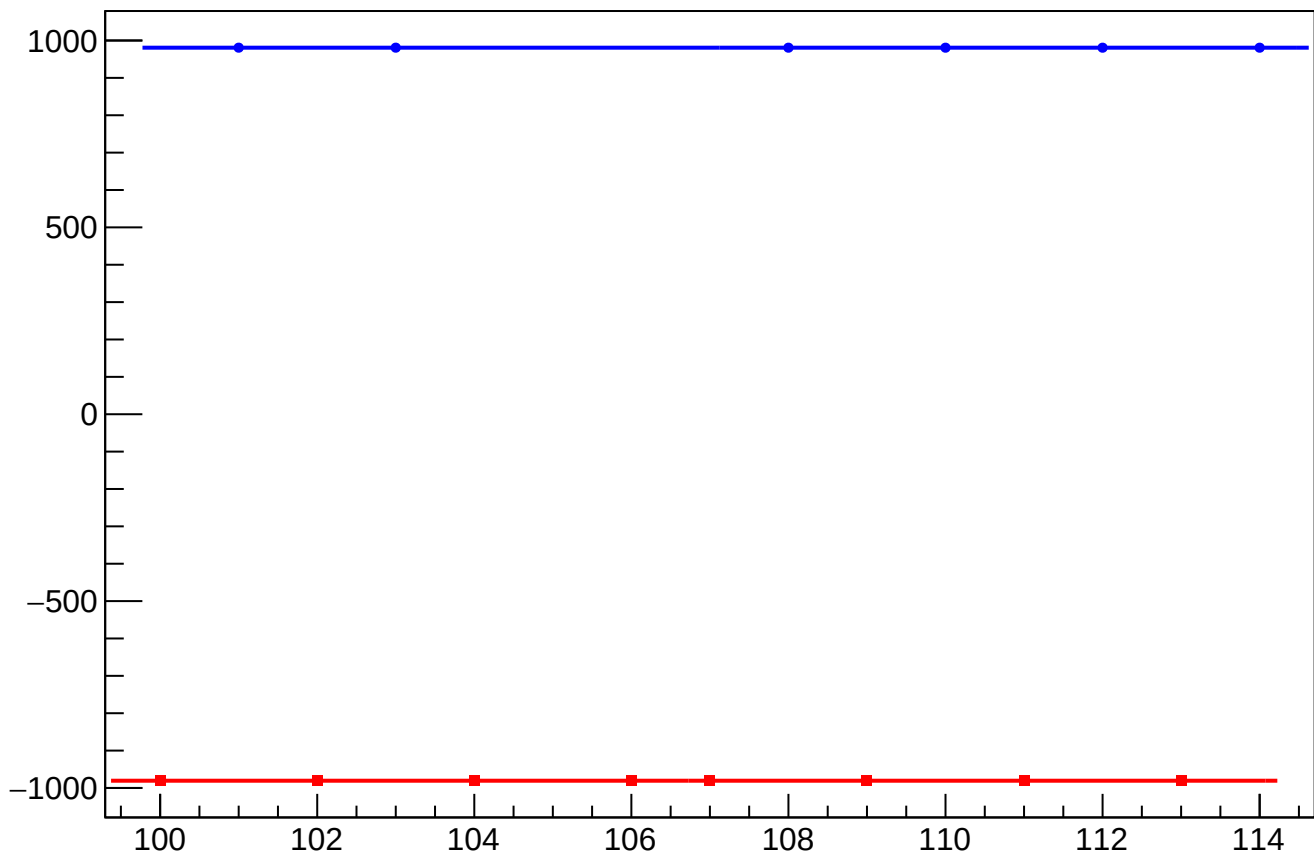
Right In: 931.715+/-0.000 χ^2/NDF : 269788110630048883638618030080.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.720+/-0.000 χ^2/NDF : 336744129077892443579602698240.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -98.402+/-0.000 χ^2/NDF : 520199263861633

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



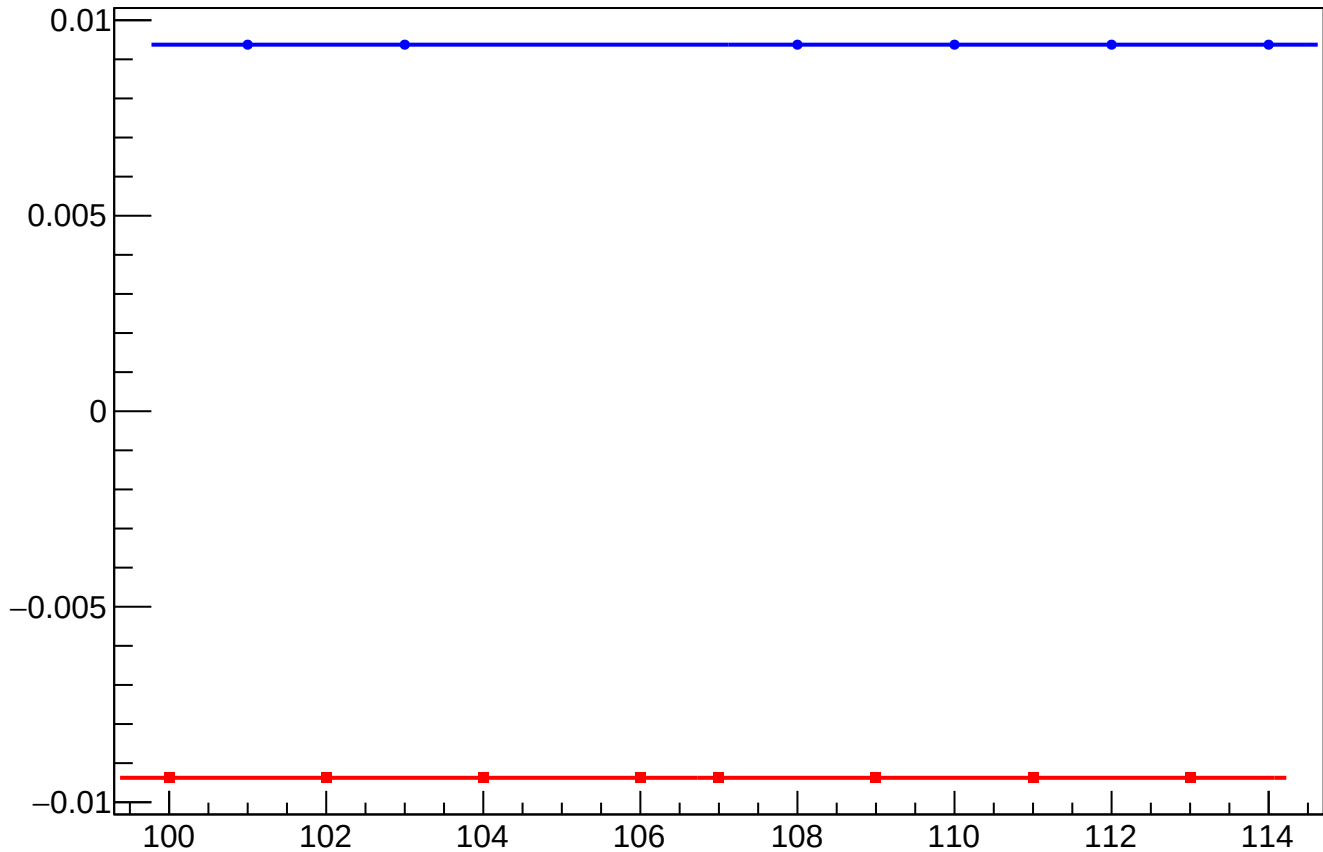
Right In: 741.642+/-0.000 χ^2/NDF : 4120894206622483231203555016704.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.639+/-0.000 χ^2/NDF : 5327589903749929867222628433920.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -78.324+/-0.000 χ^2/NDF : 329601083665427

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.785+/-0.000 χ^2/NDF : 230878390918380605424546086912.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.619+/-0.000 χ^2/NDF : 49062651953095220840055516954624.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -103.490+/-0.000 χ^2/NDF : 57633573035188

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

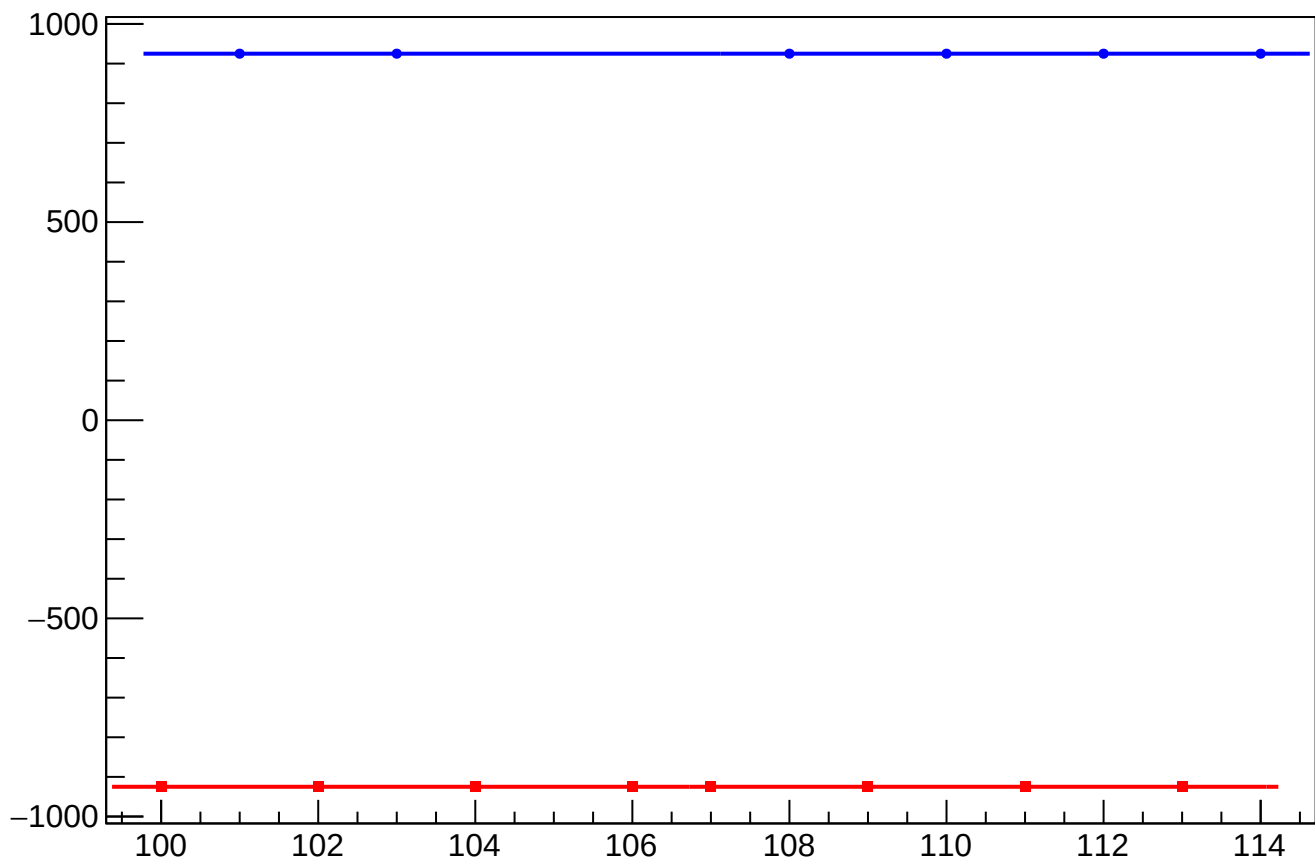
Right: -0.001+/-0.000 χ^2/NDF : 5266765934405938

In: 0.009+/-0.000 χ^2/NDF : 0.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

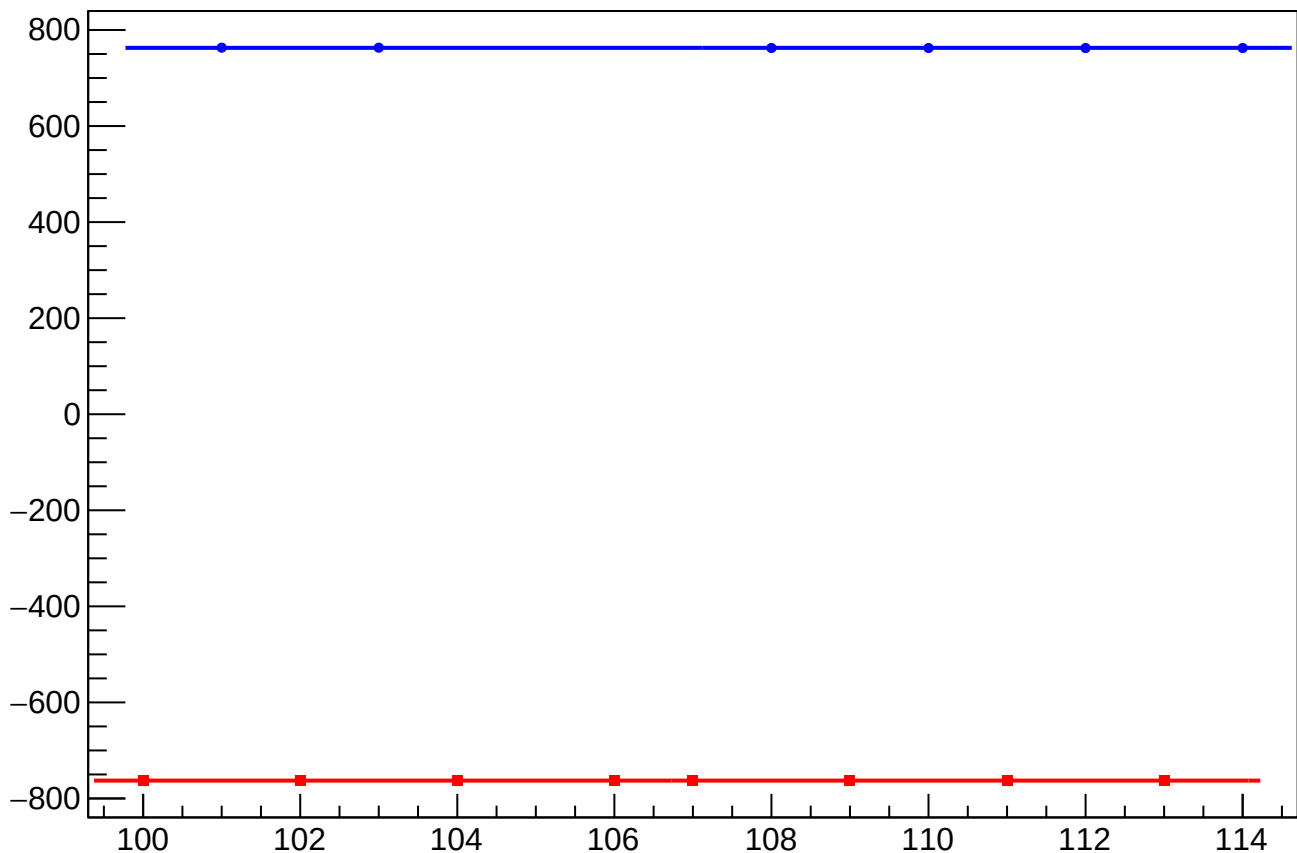
All: -0.001+/-0.000 χ^2/NDF : 5266765934405

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



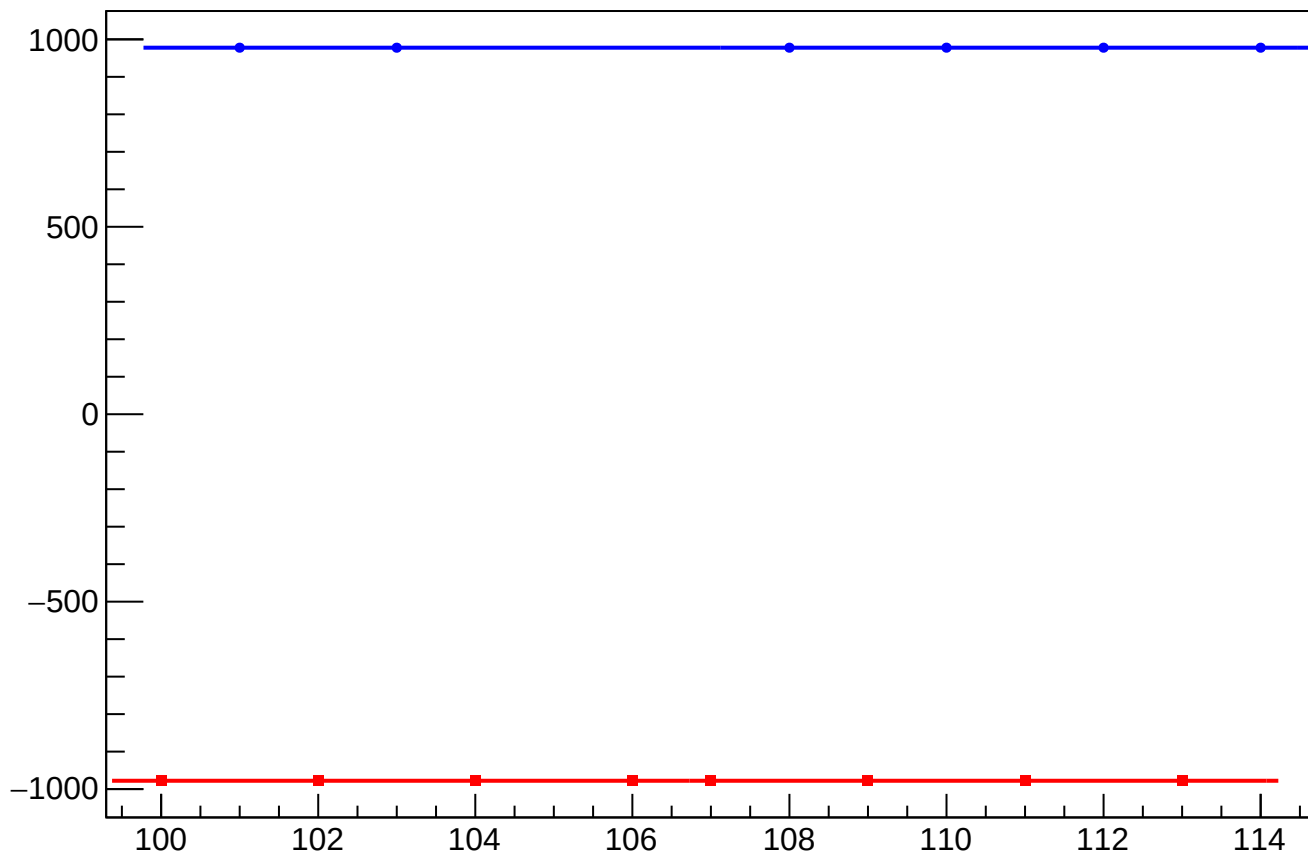
Right In: 924.968 $\pm$ 0.000 χ^2 /NDF: 162304005365635460833967341568.0/5
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -924.966 $\pm$ 0.000 χ^2 /NDF: 185356726336454545354260480000.0/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -97.685 $\pm$ 0.000 χ^2 /NDF: 512689142473942

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



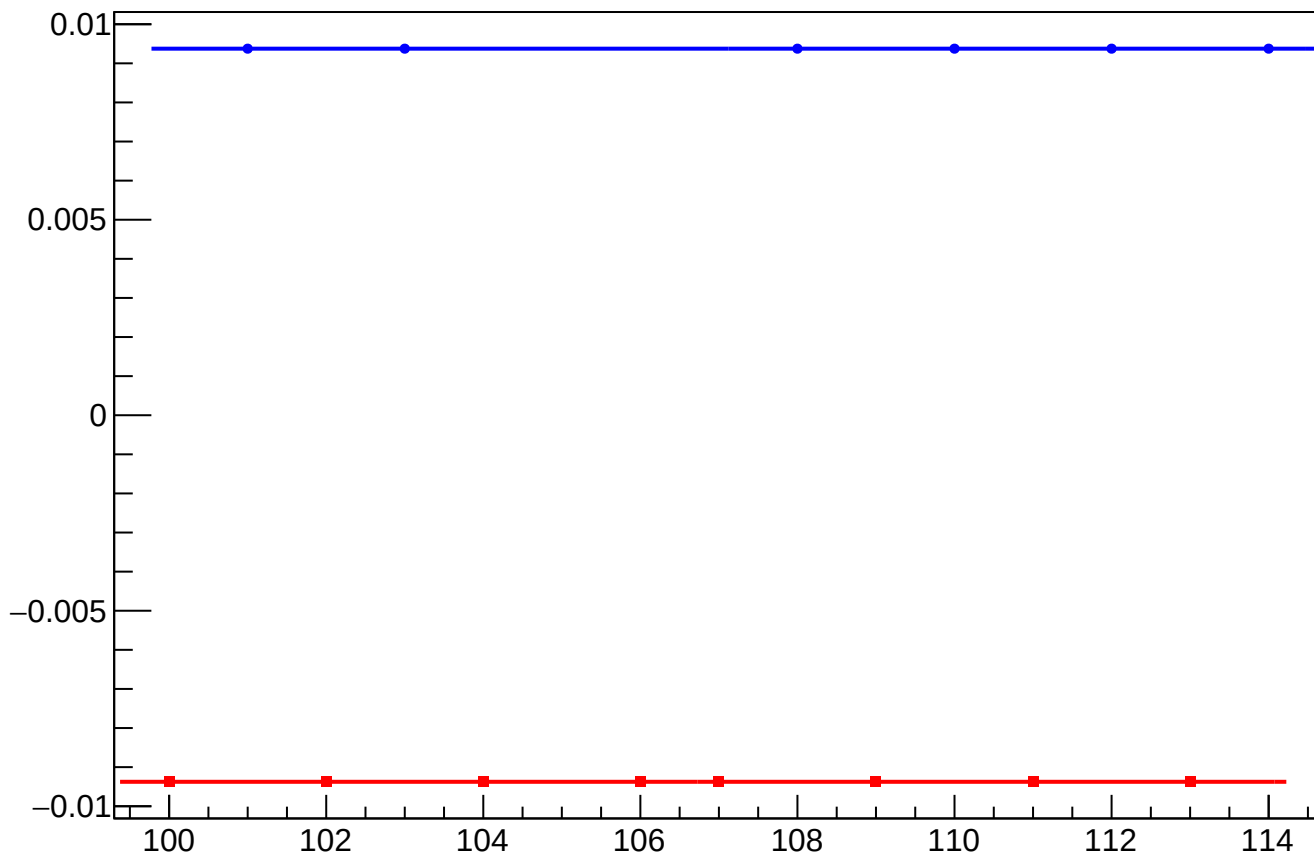
Right In: 762.822+/-0.000 χ^2/NDF : 32277833373007558304934012125184.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.767+/-0.000 χ^2/NDF : 39892589428291339240384051019776.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -80.531+/-0.000 χ^2/NDF : 348671769629971

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.765+/-0.000	χ^2/NDF : 180351332729895681038665908224.0/5	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: -103.261+/-0.000	χ^2/NDF : 57288783588608
Right Out: -977.763+/-0.000	χ^2/NDF : 772830583373830470493322346496.0/7	In: 977.765+/-0.000	χ^2/NDF : 18035133272989568
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: -103.261+/-0.000	χ^2/NDF : 57288783588

hesDipole_current_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

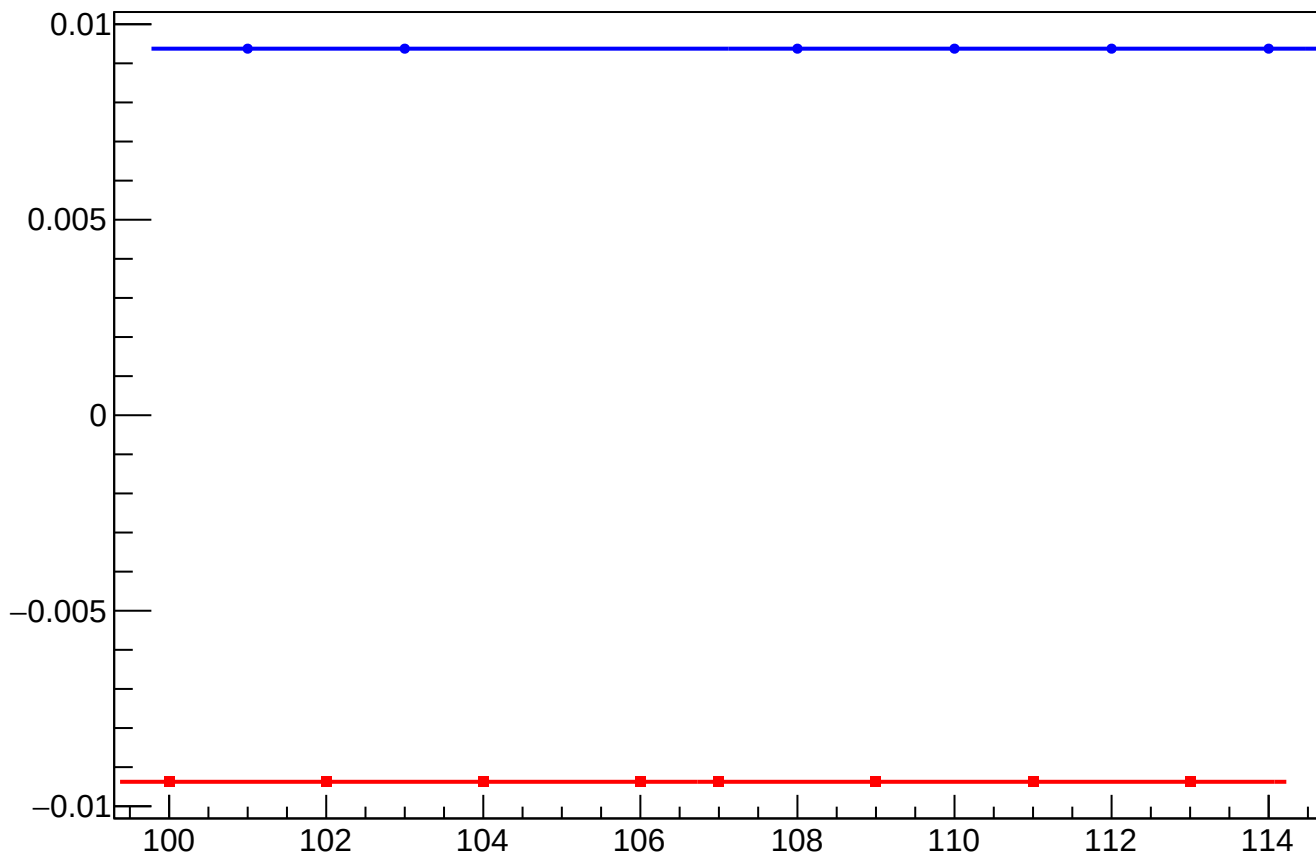
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5266765934405938

In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 5266765934405

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

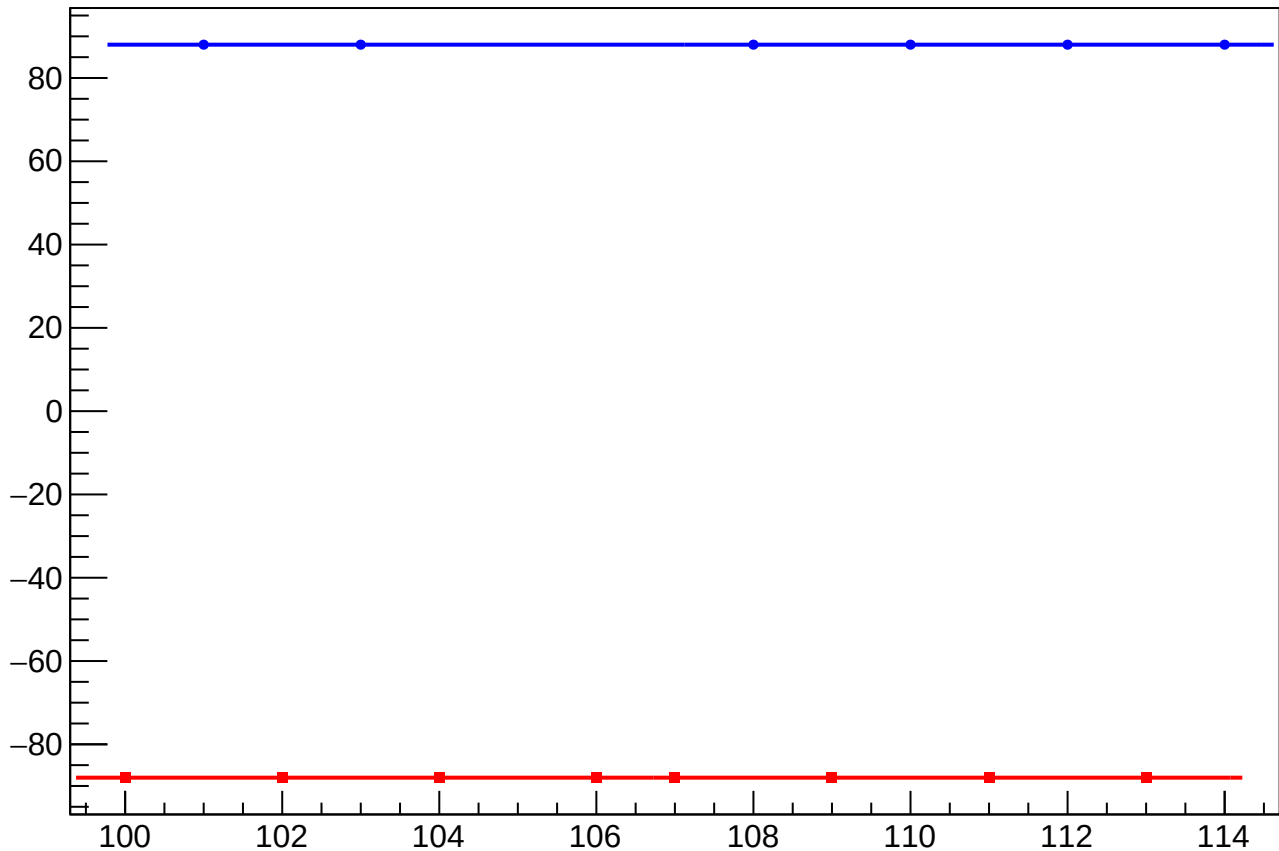
Right: -0.001+/-0.000 χ^2/NDF : 5266765934405938

In: 0.009+/-0.000 χ^2/NDF : 0.0/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5266765934405

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 513150.9/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.007+/-0.000 χ^2/NDF : 66101514086337232209702813696.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

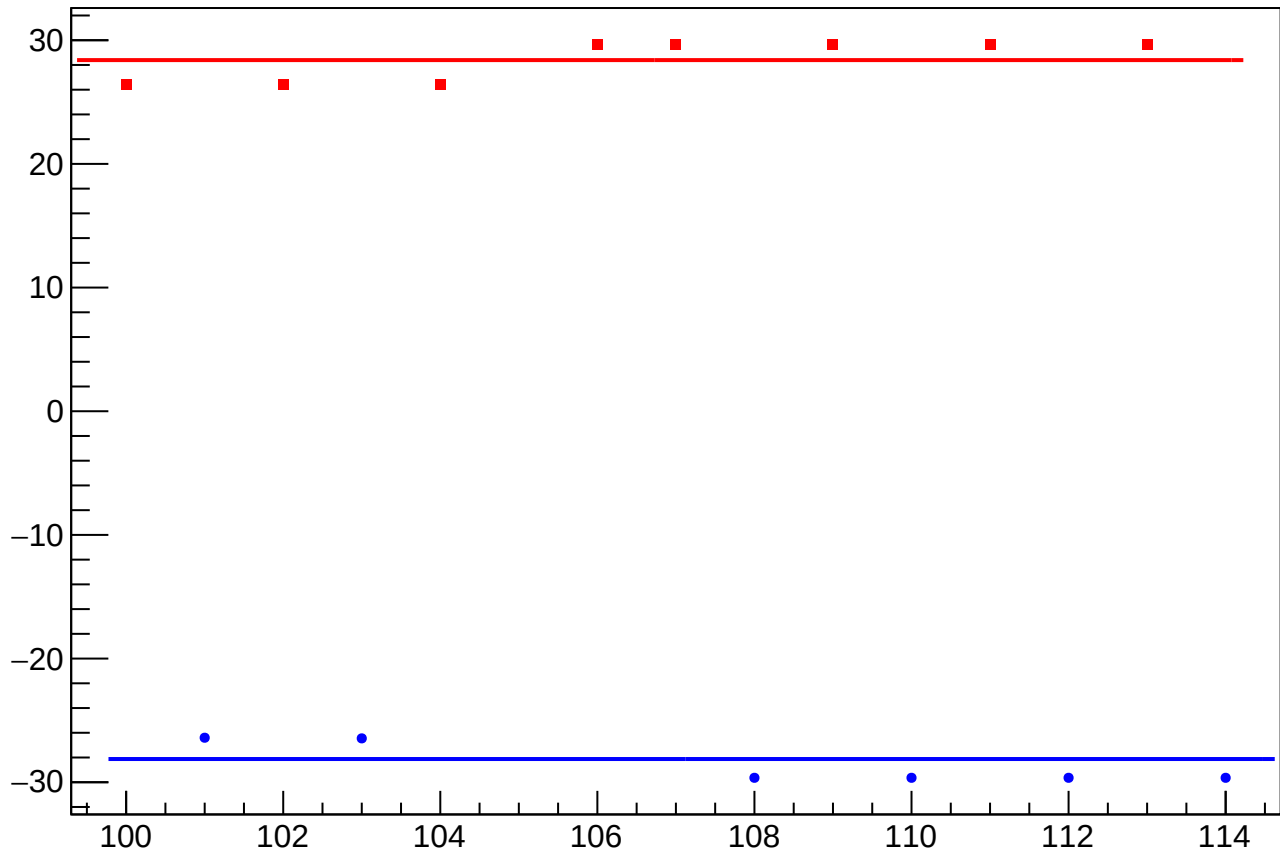
Right: -9.297+/-0.000 χ^2/NDF : 4640920668493283

In: 88.001+/-0.000 χ^2/NDF : 513150.9/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

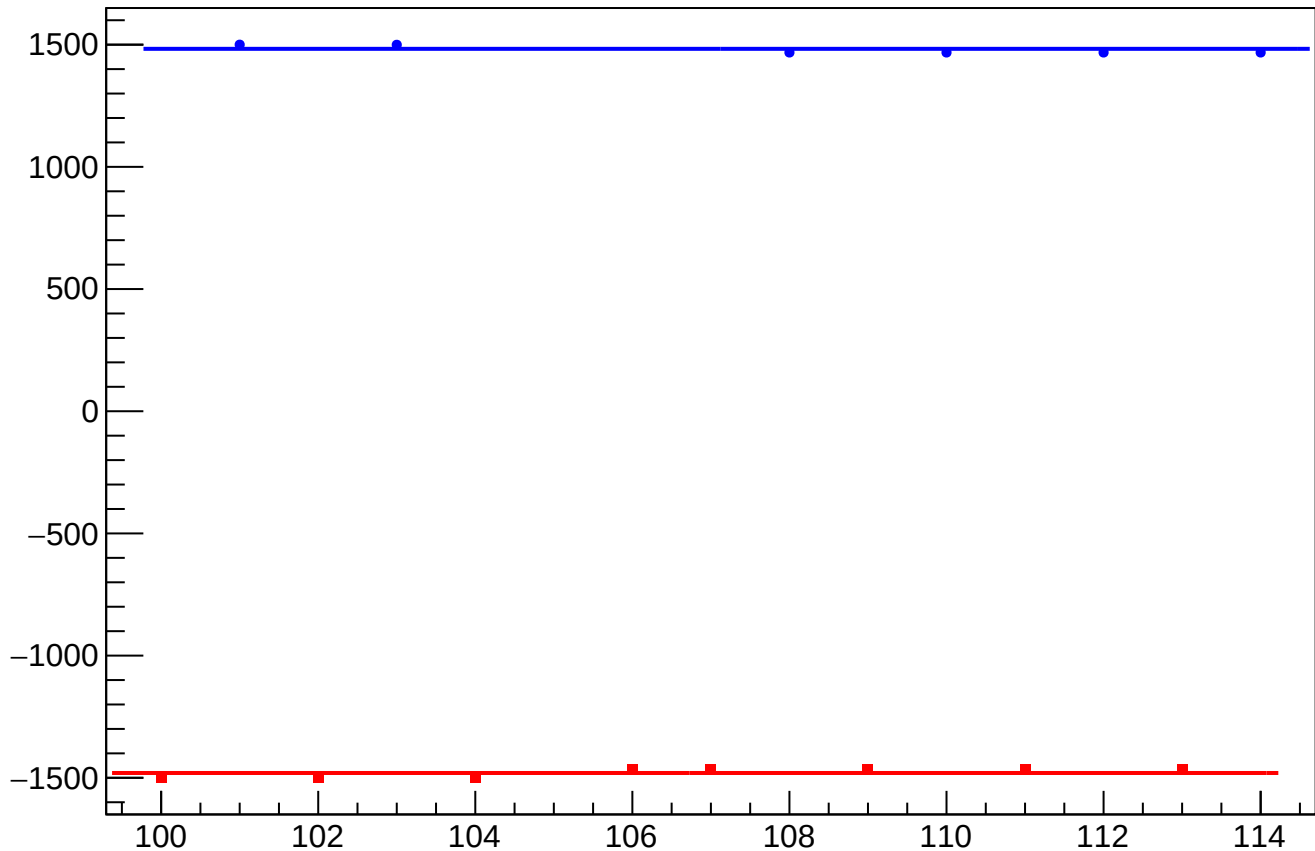
All: -9.297+/-0.000 χ^2/NDF : 4640920668493

HWienAngle_mean vs Slug, Sign Corrected



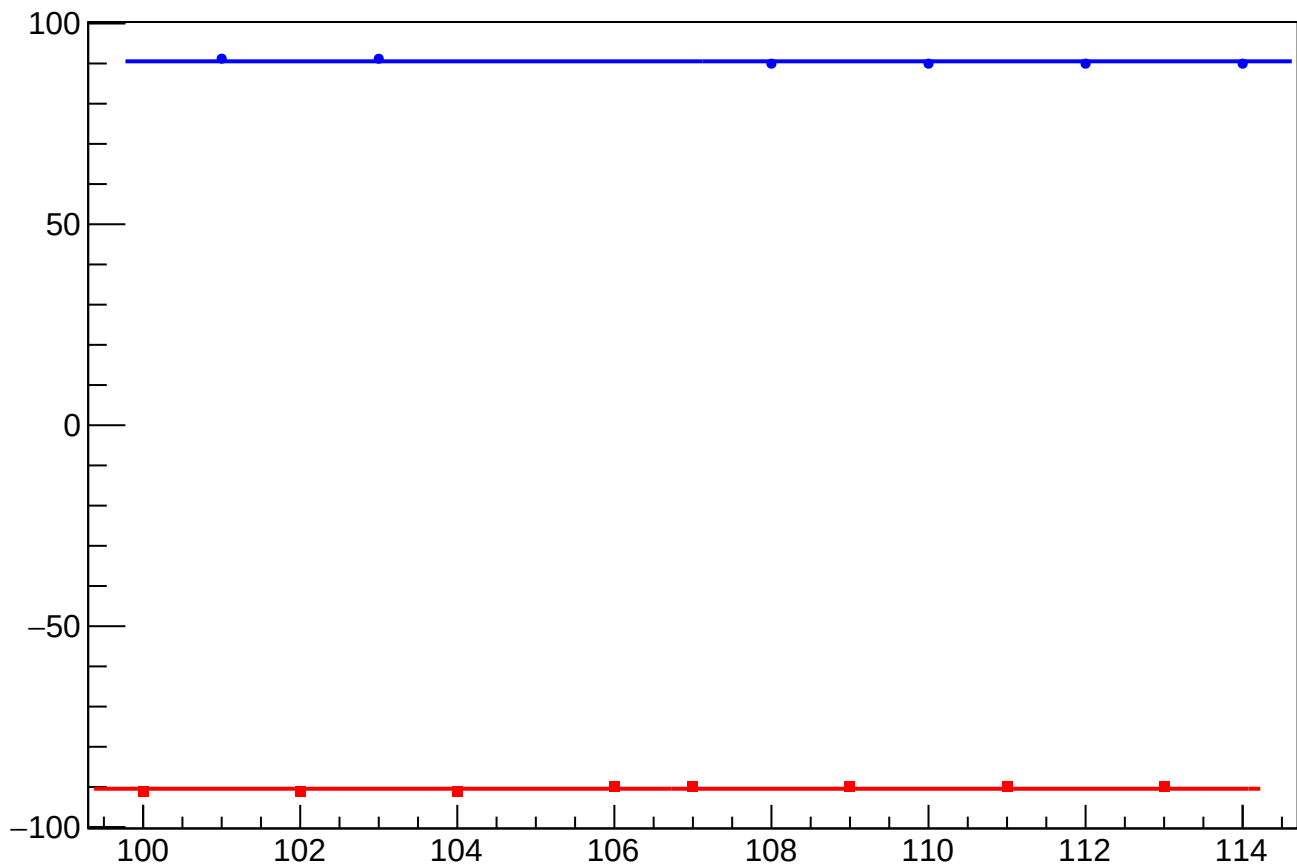
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 3.120+/-0.000 χ^2/NDF : 48002305210292011
Right In: -28.122+/-0.000 χ^2/NDF : 698082714180302628522594148548608.0/5
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -28.122+/-0.000 χ^2/NDF : 698082714180302628522594148548608.0/5
Right Out: 28.393+/-0.000 χ^2/NDF : 832726037014940406765567858442240.0/7
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 3.120+/-0.000 χ^2/NDF : 48002305210292011

psub_pl_pos_mean vs Slug, Sign Corrected



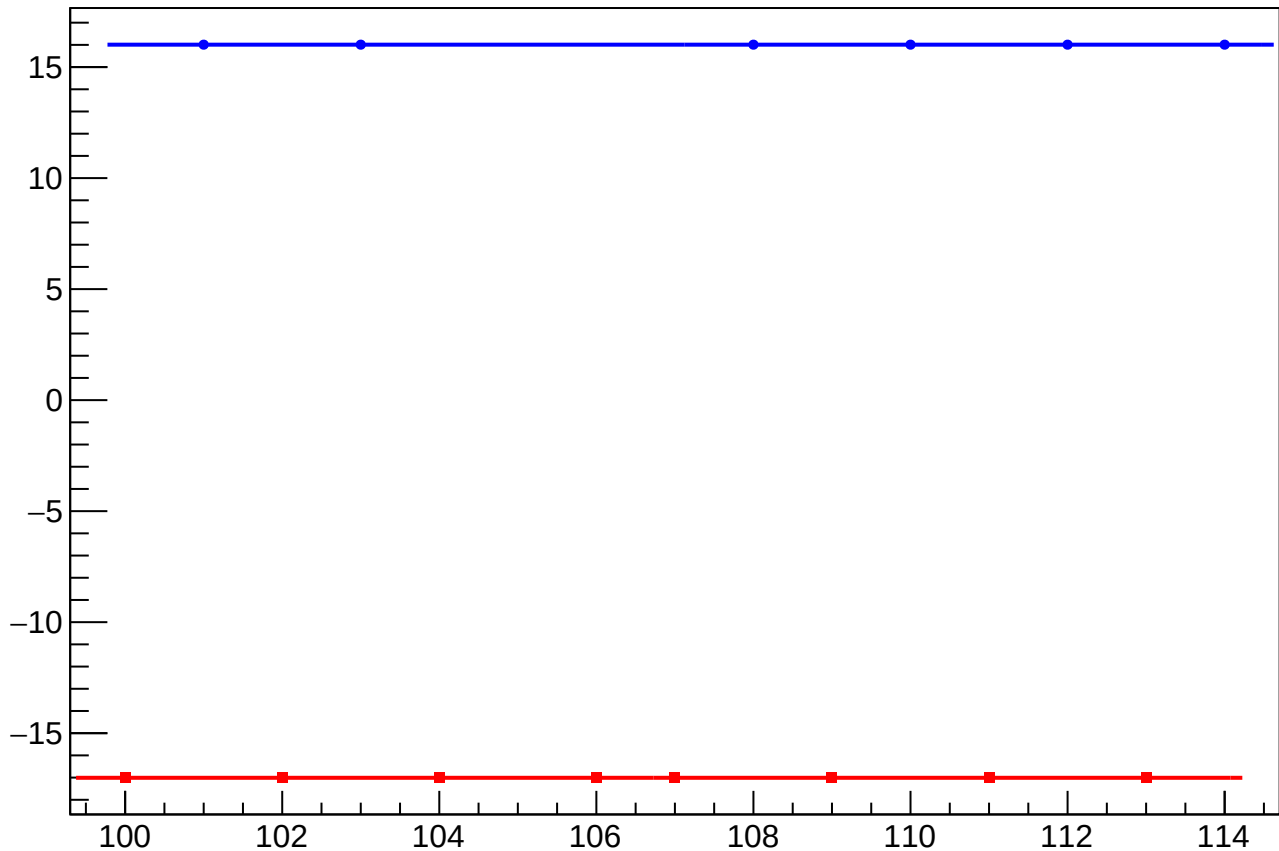
Right In: 1482.986+/-0.000 χ^2/NDF : 68186384746954987530144152863899648.0/5
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1480.310+/-0.000 χ^2/NDF : 81337894199804491549354544450240512.0/7
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -155.140+/-0.000 χ^2/NDF : 13156512321588

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.540+/-0.000 χ^2/NDF : 102249274245893694825419111399424.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.437+/-0.000 χ^2/NDF : 121970693731356847697507861397504.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.505+/-0.000 χ^2/NDF : 4906920439278796

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 21179.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3205154758541071406333952.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

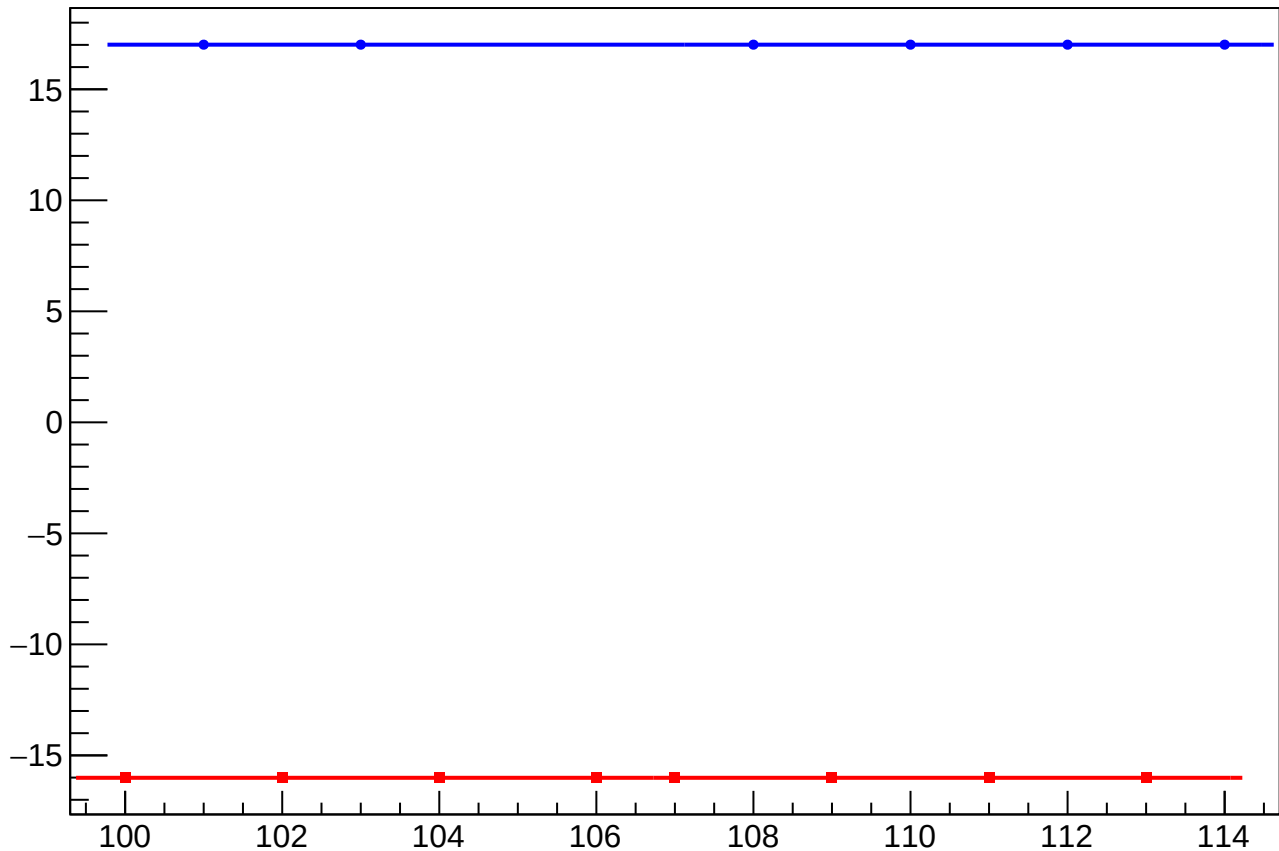
Right: -1.311+/-0.000 χ^2/NDF : 1549833672994000

In: 16.009+/-0.000 χ^2/NDF : 21179.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.311+/-0.000 χ^2/NDF : 1549833672994

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 25142.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 24978.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

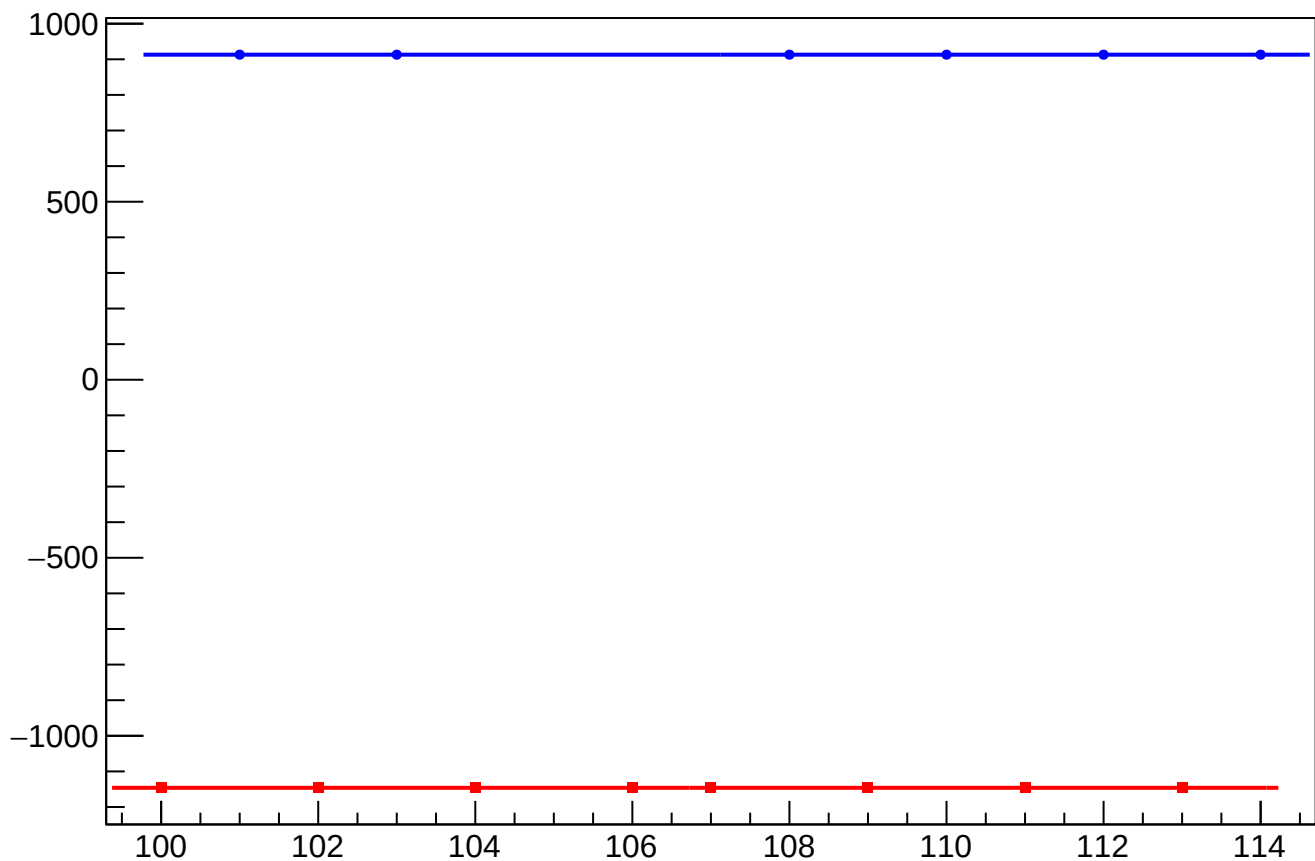
Right: -2.232+/-0.000 χ^2/NDF : 1505737477843724

In: 17.009+/-0.000 χ^2/NDF : 25142.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

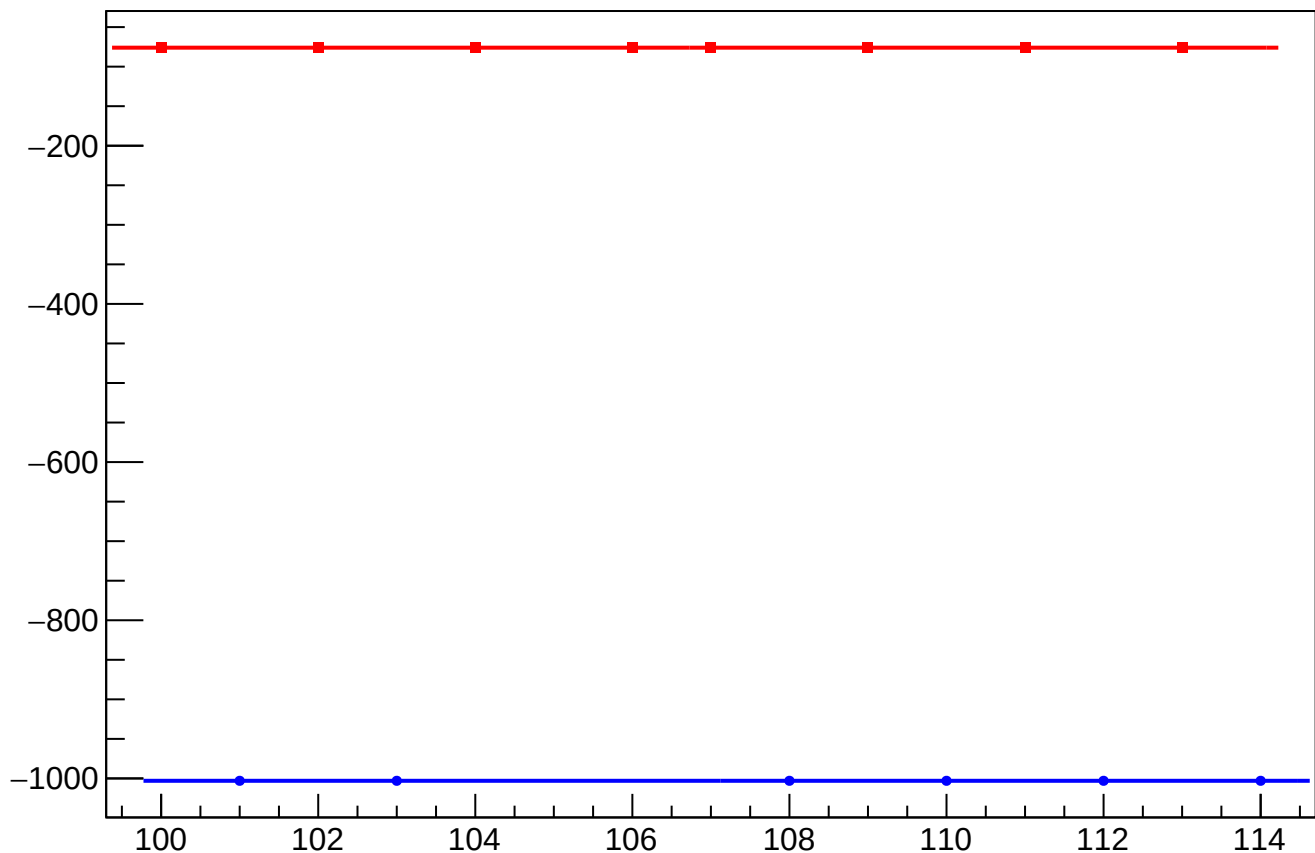
All: -2.232+/-0.000 χ^2/NDF : 1505737477843

RTPAPOSUCNT_mean vs Slug, Sign Corrected



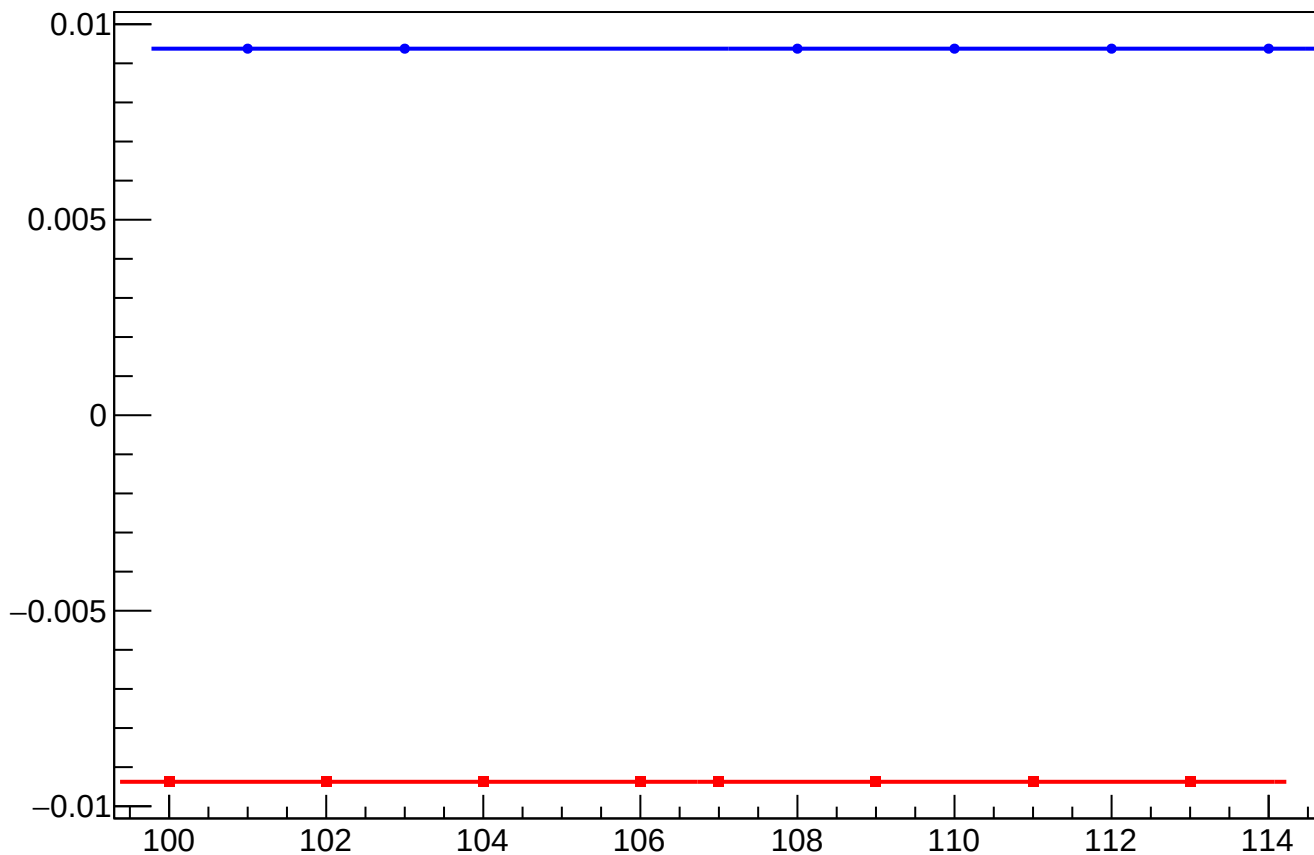
Right In: 912.994+/-0.000 χ^2/NDF : 2841750960724547901828628480.0/5
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1146.010+/-0.000 χ^2/NDF : 641431959100112586703634432.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -225.234+/-0.000 χ^2/NDF : 63511992616526

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.989+/-0.000 χ^2/NDF : 1202775512430924094597234688.0/5
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.009+/-0.000 χ^2/NDF : 3446846543026368762871808.0/7
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -490.550+/-0.000 χ^2/NDF : 12873065421656

RTPPITA1CNT_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

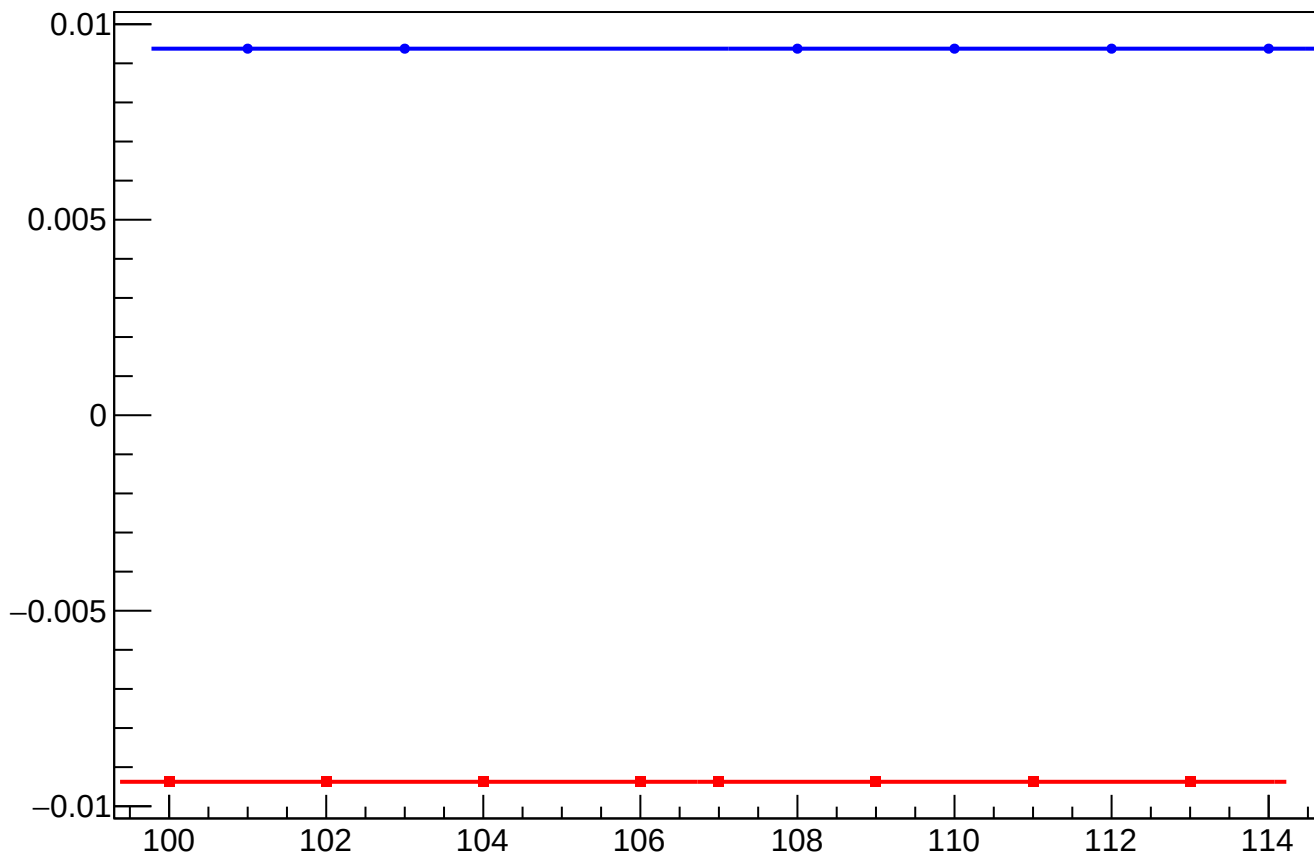
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5266765934405938

In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 5266765934405

RTPPITA2CNT_mean vs Slug, Sign Corrected



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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5266765934405938

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 5266765934405