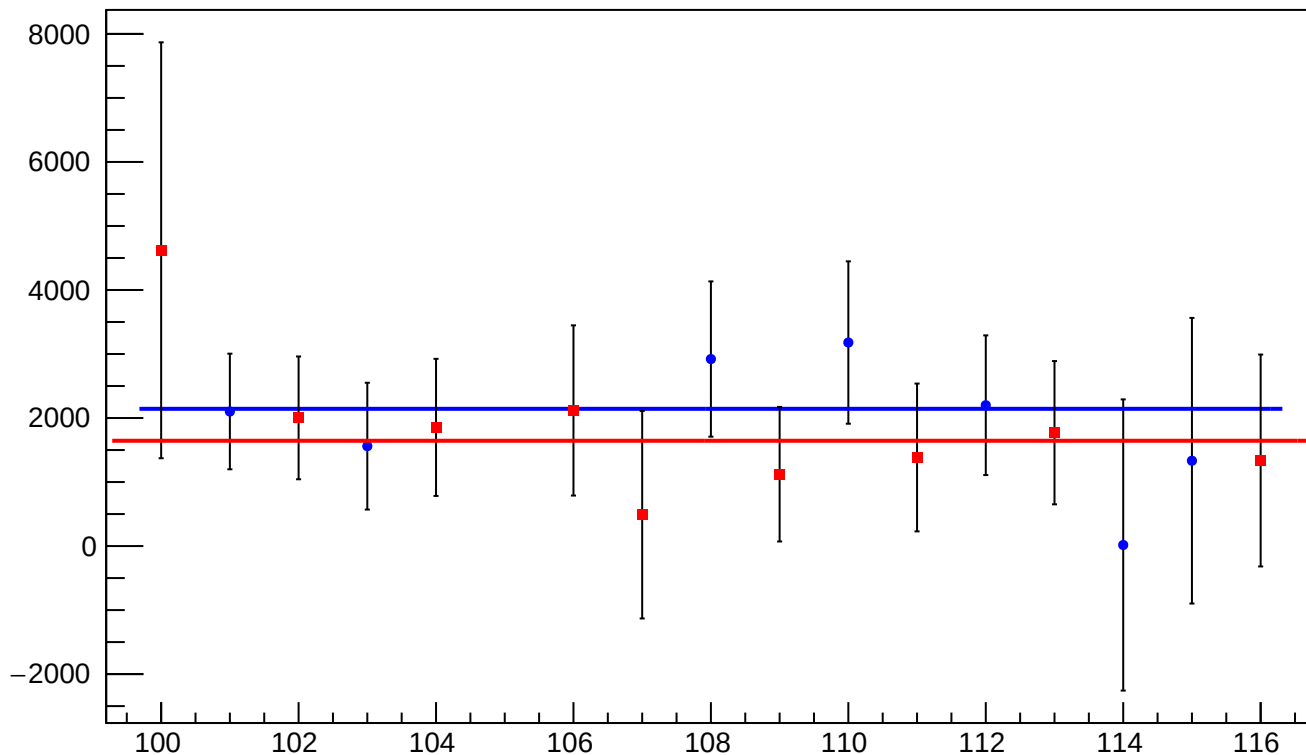


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2143.802+/-457.284 χ^2/NDF : 2.4/6

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

Right Out: 1644.820+/-414.503 χ^2/NDF : 2.0/8

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1869.884+/-307.112

χ^2/NDF : 5.1/15

In: 2143.802+/-457.284

χ^2/NDF : 2.4/6

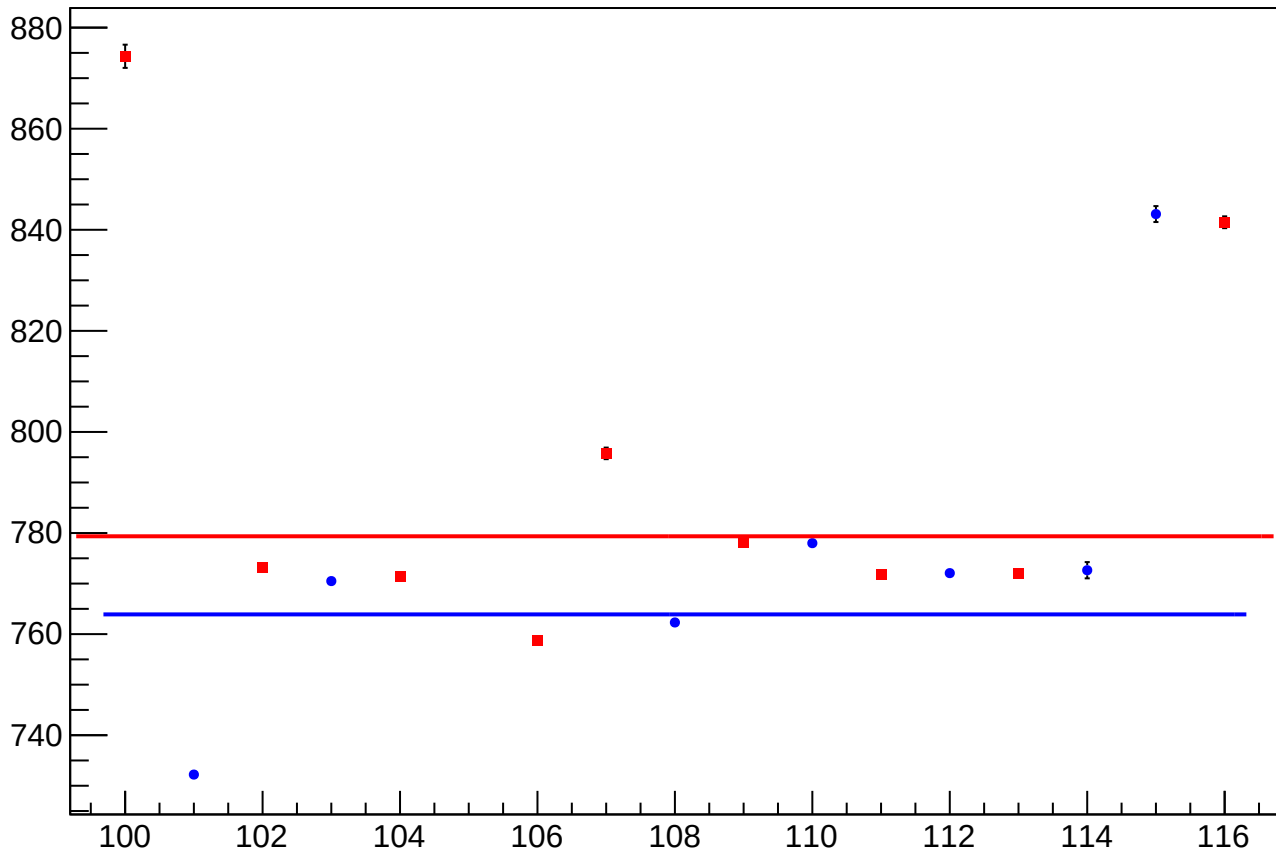
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1869.884+/-307.112

χ^2/NDF : 5.1/15

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 763.902 $\pm$ 0.323 χ^2 /NDF: 5465.4/6

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

Right Out: 779.357 $\pm$ 0.293 χ^2 /NDF: 5577.5/8

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

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

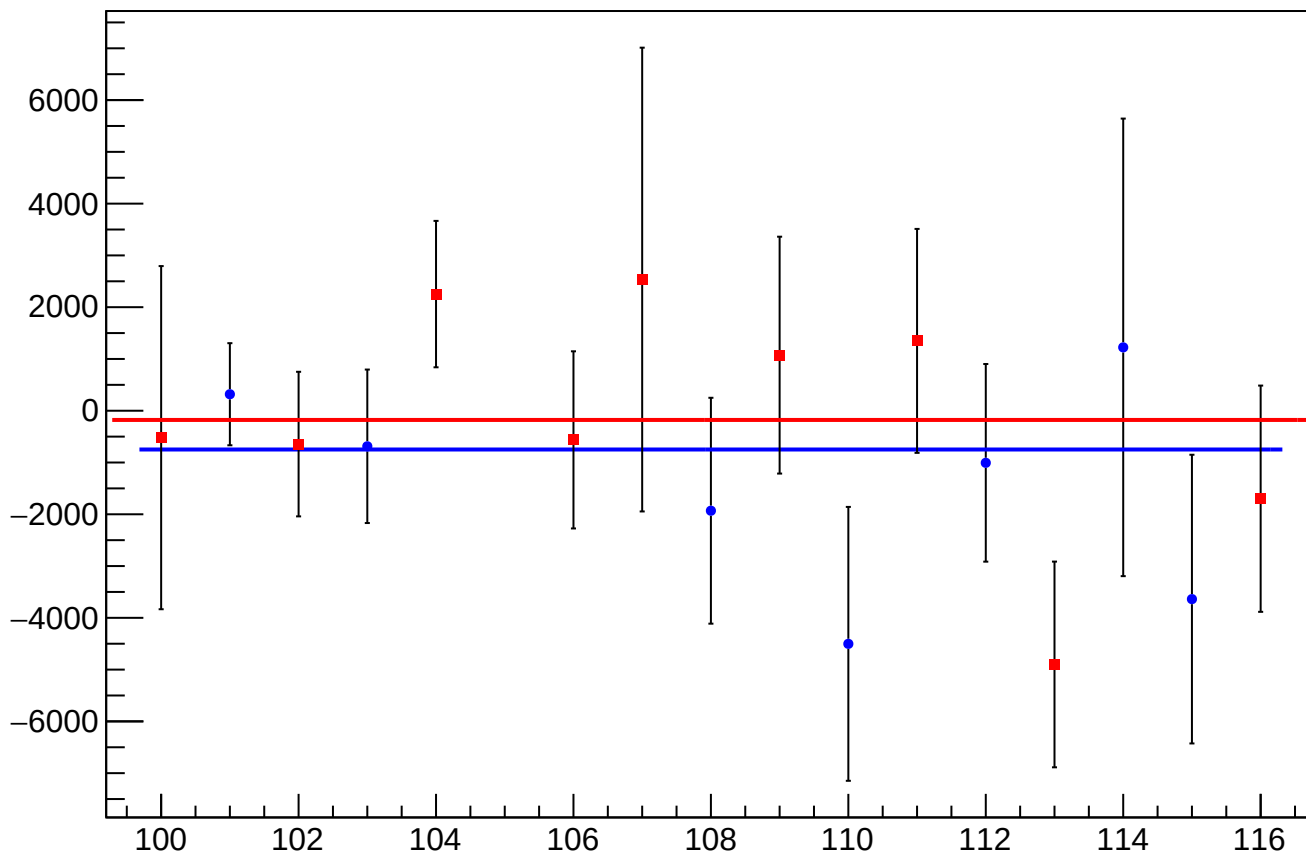
Right: 772.386 $\pm$ 0.217 χ^2 /NDF: 12297.1/15

In: 763.902 $\pm$ 0.323 χ^2 /NDF:5465.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 772.386 $\pm$ 0.217 χ^2 /NDF: 12297.1/15

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -748.841+/-660.641 χ^2/NDF : 4.8/6

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

Right Out: -177.991+/-650.467 χ^2/NDF : 10.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

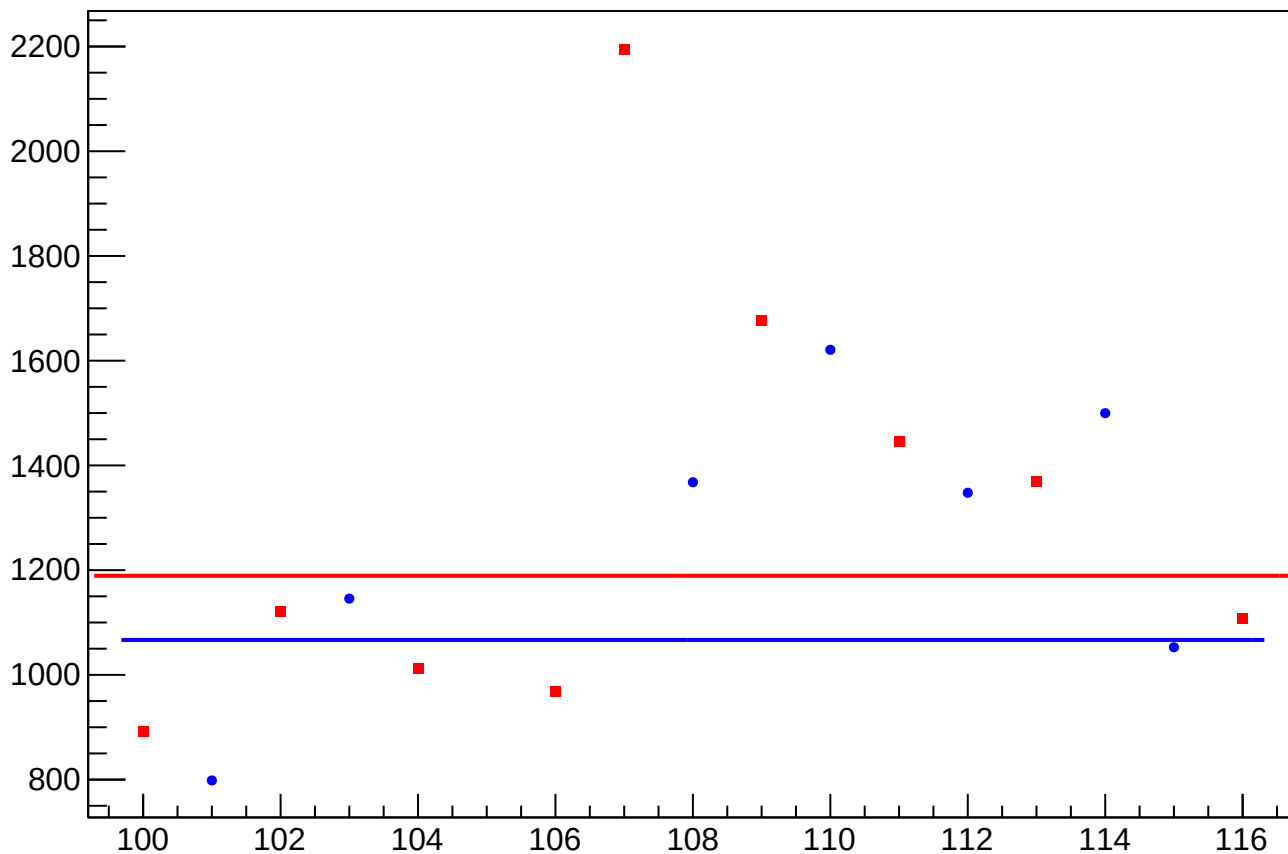
Right: -458.987+/-463.505 χ^2/NDF : 15.6/15

In: -748.841+/-660.641 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.987+/-463.505 χ^2/NDF : 15.6/15

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1066.709+/-0.467 χ^2/NDF : 342257.1/6

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

Right Out: 1189.261+/-0.460 χ^2/NDF : 324594.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

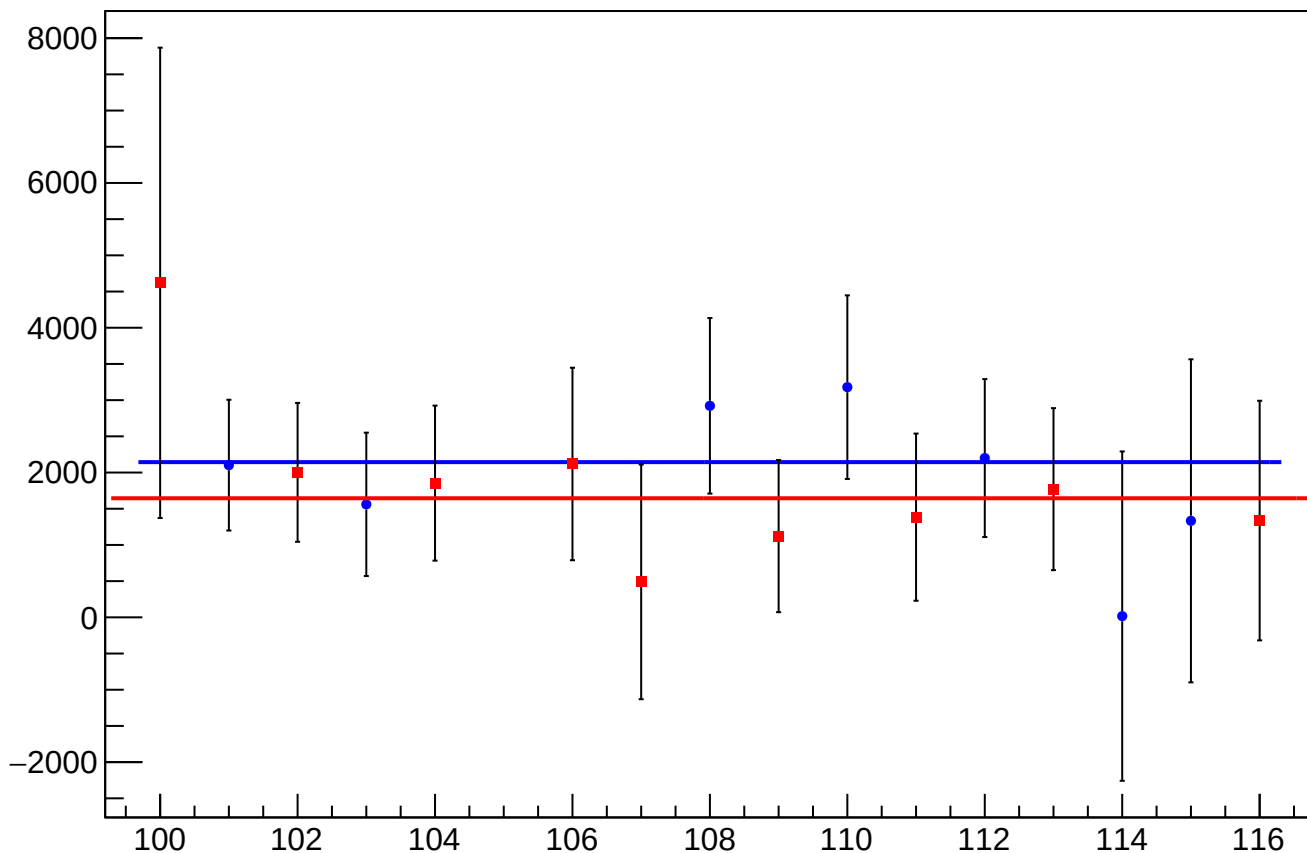
Right: 1128.936+/-0.328 χ^2/NDF : 701797.6/15

In: 1066.709+/-0.467 χ^2/NDF : 342257.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.936+/-0.328 χ^2/NDF : 701797.6/15

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2143.802+/-457.284 χ^2/NDF : 2.4/6

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

Right Out: 1644.820+/-414.503 χ^2/NDF : 2.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

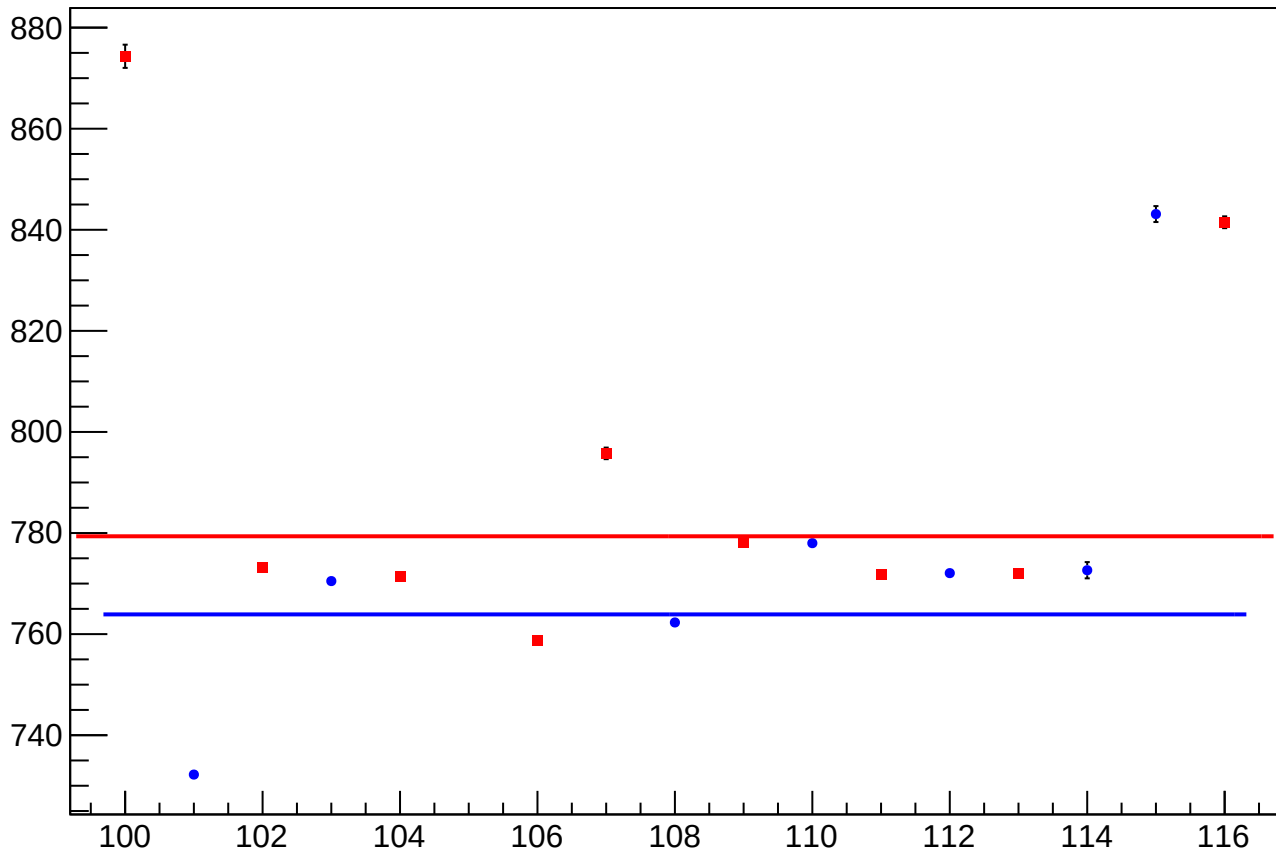
Right: 1869.884+/-307.112 χ^2/NDF : 5.1/15

In: 2143.802+/-457.284 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.884+/-307.112 χ^2/NDF : 5.1/15

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 763.902 $\pm$ 0.323 χ^2 /NDF: 5465.4/6

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

Right Out: 779.357 $\pm$ 0.293 χ^2 /NDF: 5577.5/8

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

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

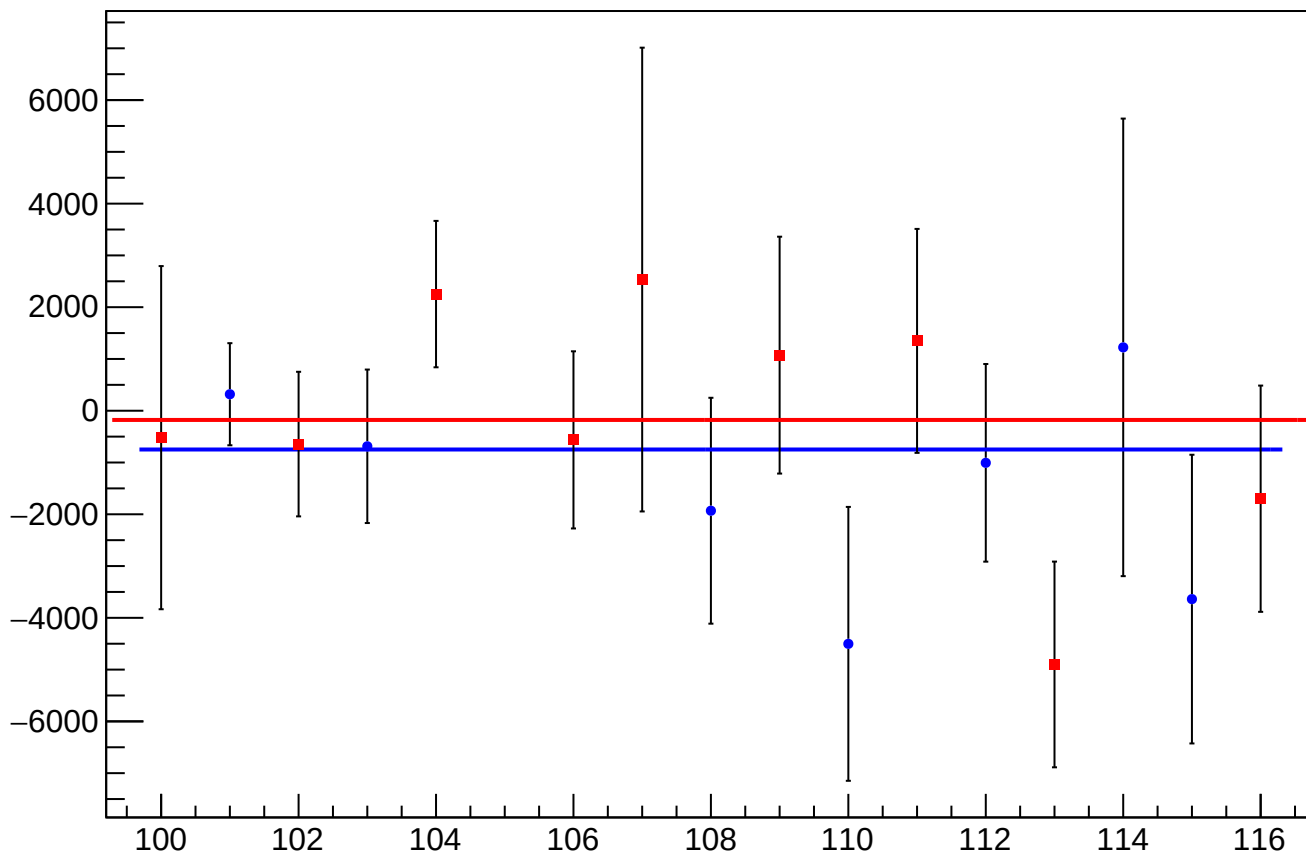
Right: 772.386 $\pm$ 0.217 χ^2 /NDF: 12297.1/15

In: 763.902 $\pm$ 0.323 χ^2 /NDF:5465.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 772.386 $\pm$ 0.217 χ^2 /NDF: 12297.1/15

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -748.841 $\pm$ 660.641 χ^2 /NDF: 4.8/6

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

Right Out: -177.991 $\pm$ 650.467 χ^2 /NDF: 10.4/8

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

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

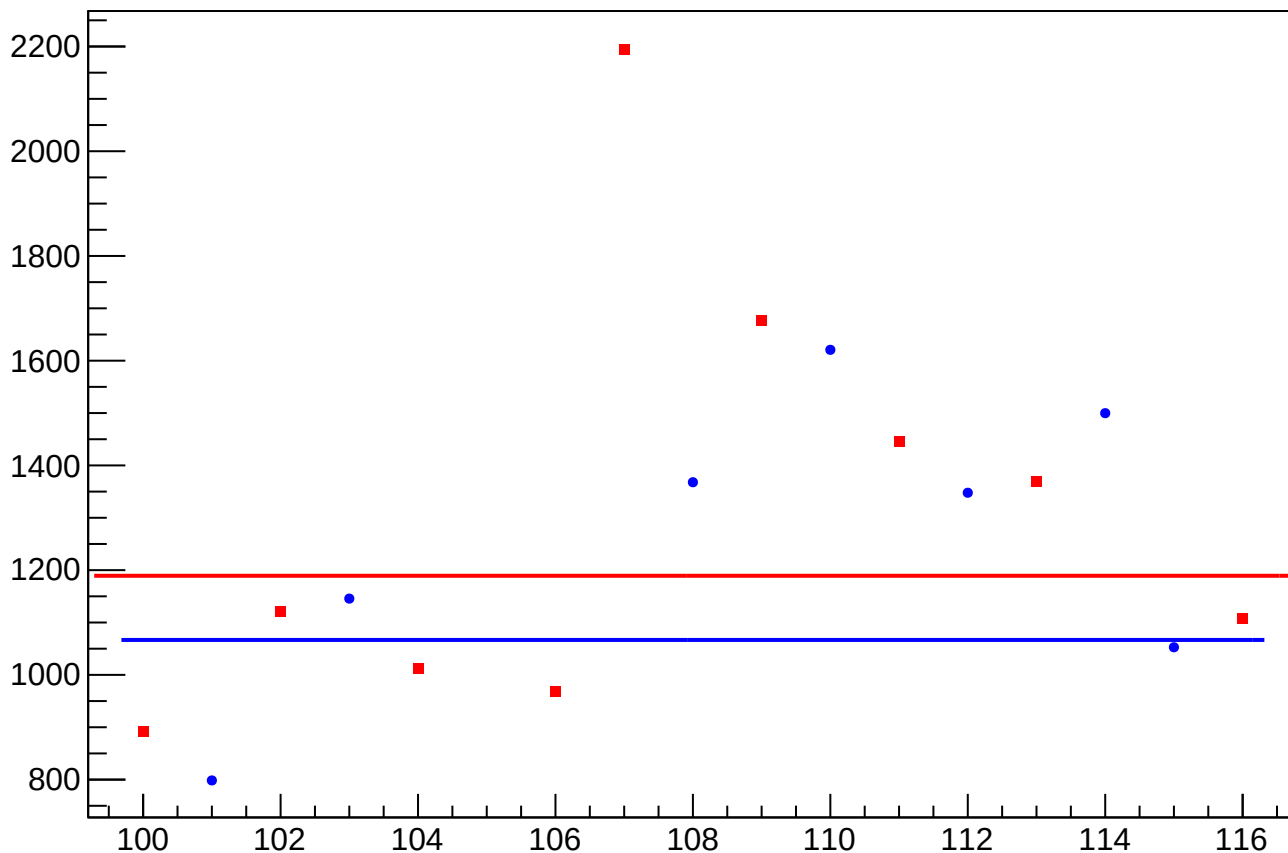
Right: -458.987 $\pm$ 463.505 χ^2 /NDF: 15.6/15

In: -748.841 $\pm$ 660.641 χ^2 /NDF:4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -458.987 $\pm$ 463.505 χ^2 /NDF: 15.6/15

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1066.709+/-0.467 χ^2/NDF : 342257.1/6

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

Right Out: 1189.261+/-0.460 χ^2/NDF : 324594.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

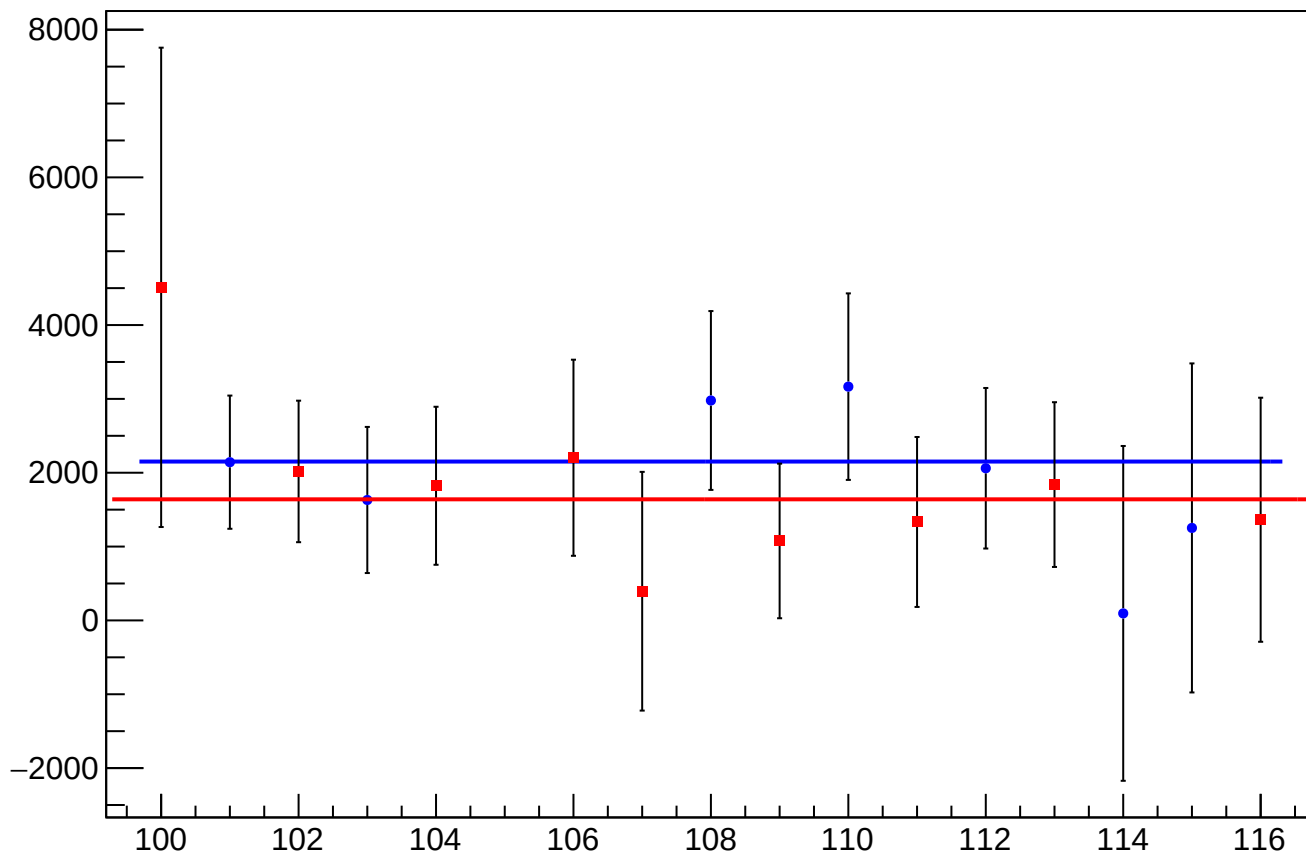
Right: 1128.936+/-0.328 χ^2/NDF : 701797.6/15

In: 1066.709+/-0.467 χ^2/NDF : 342257.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.936+/-0.328 χ^2/NDF : 701797.6/15

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2151.380+/-456.381 χ^2/NDF : 2.4/6

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

Right Out: 1639.846+/-413.657 χ^2/NDF : 2.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

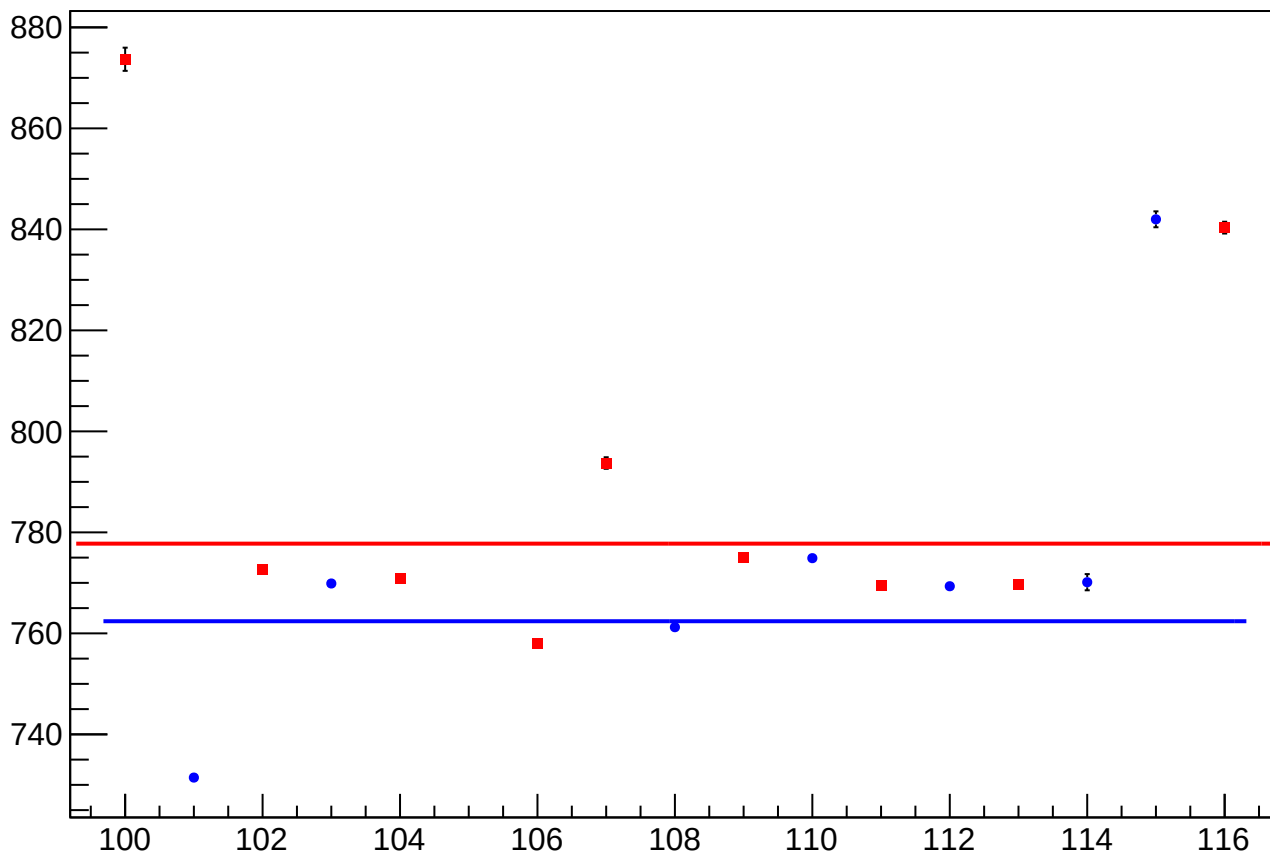
Right: 1870.555+/-306.494 χ^2/NDF : 5.2/15

In: 2151.380+/-456.381 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.555+/-306.494 χ^2/NDF : 5.2/15

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 762.405+/-0.323 χ^2/NDF : 5324.2/6

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

Right Out: 777.767+/-0.292 χ^2/NDF : 5612.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

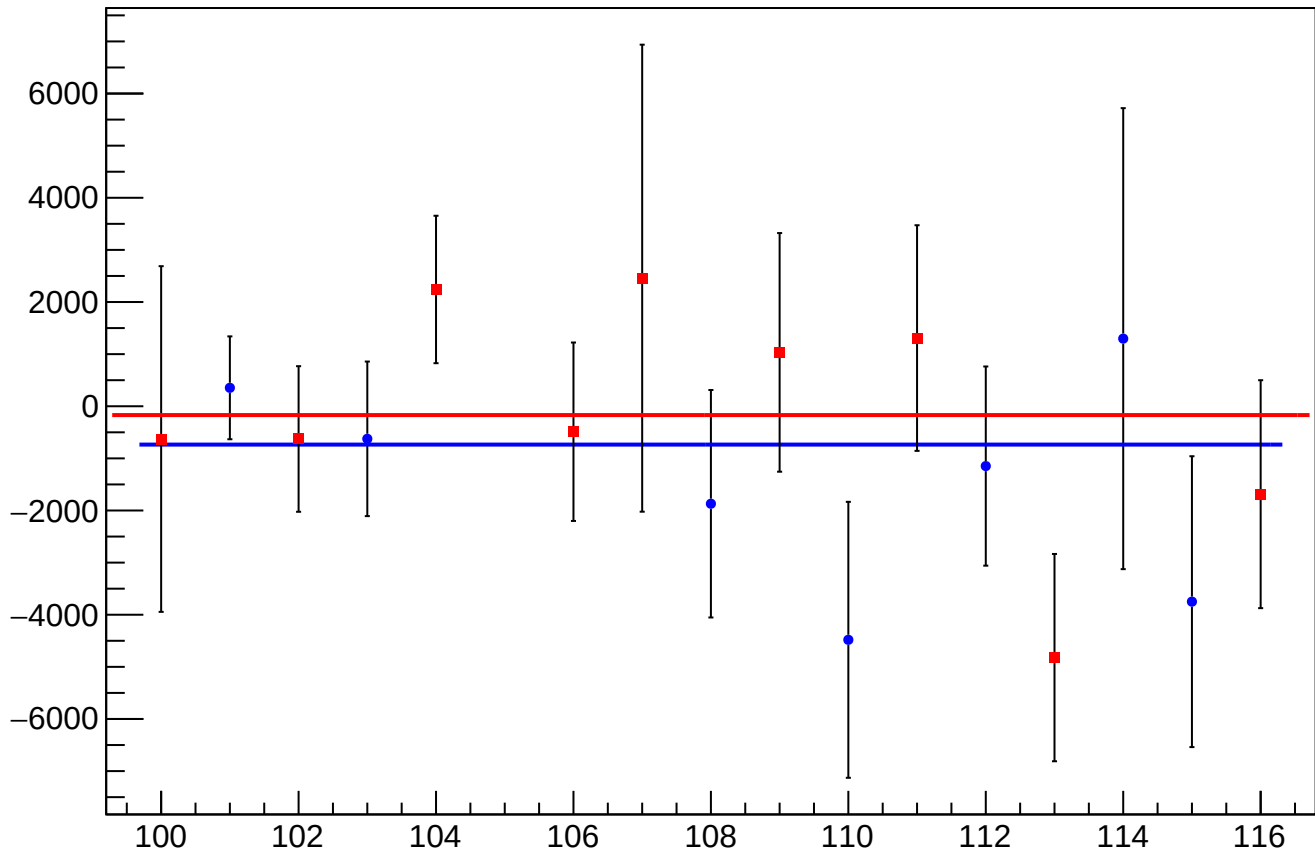
Right: 770.838+/-0.217 χ^2/NDF : 12181.2/15

In: 762.405+/-0.323 χ^2/NDF : 5324.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.838+/-0.217 χ^2/NDF : 12181.2/15

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -735.506+/-661.154 χ^2/NDF : 4.9/6

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

Right Out: -169.112+/-650.858 χ^2/NDF : 10.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

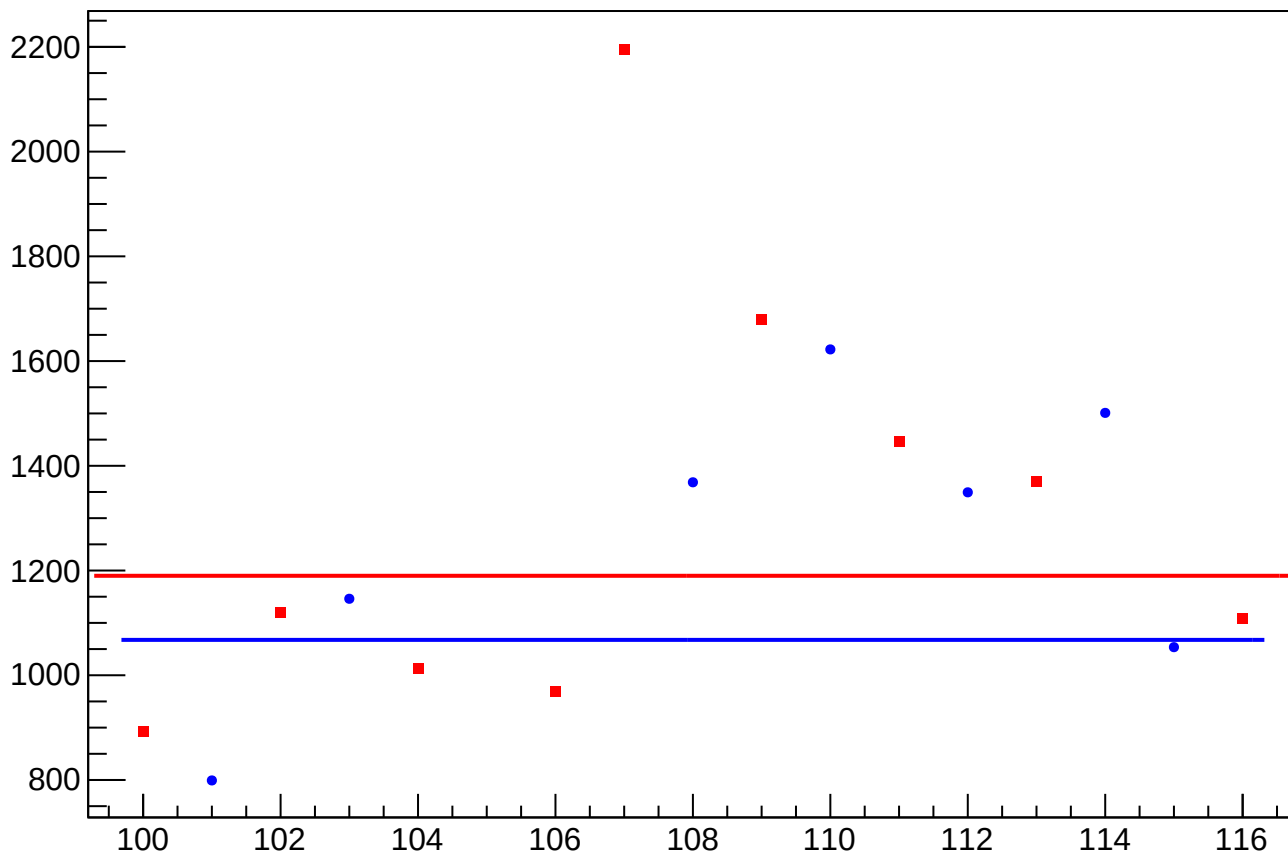
Right: -447.864+/-463.823 χ^2/NDF : 15.4/15

In: -735.506+/-661.154 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.864+/-463.823 χ^2/NDF : 15.4/15

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1067.552+/-0.468 χ^2/NDF : 342151.9/6

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

Right Out: 1189.956+/-0.460 χ^2/NDF : 324857.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

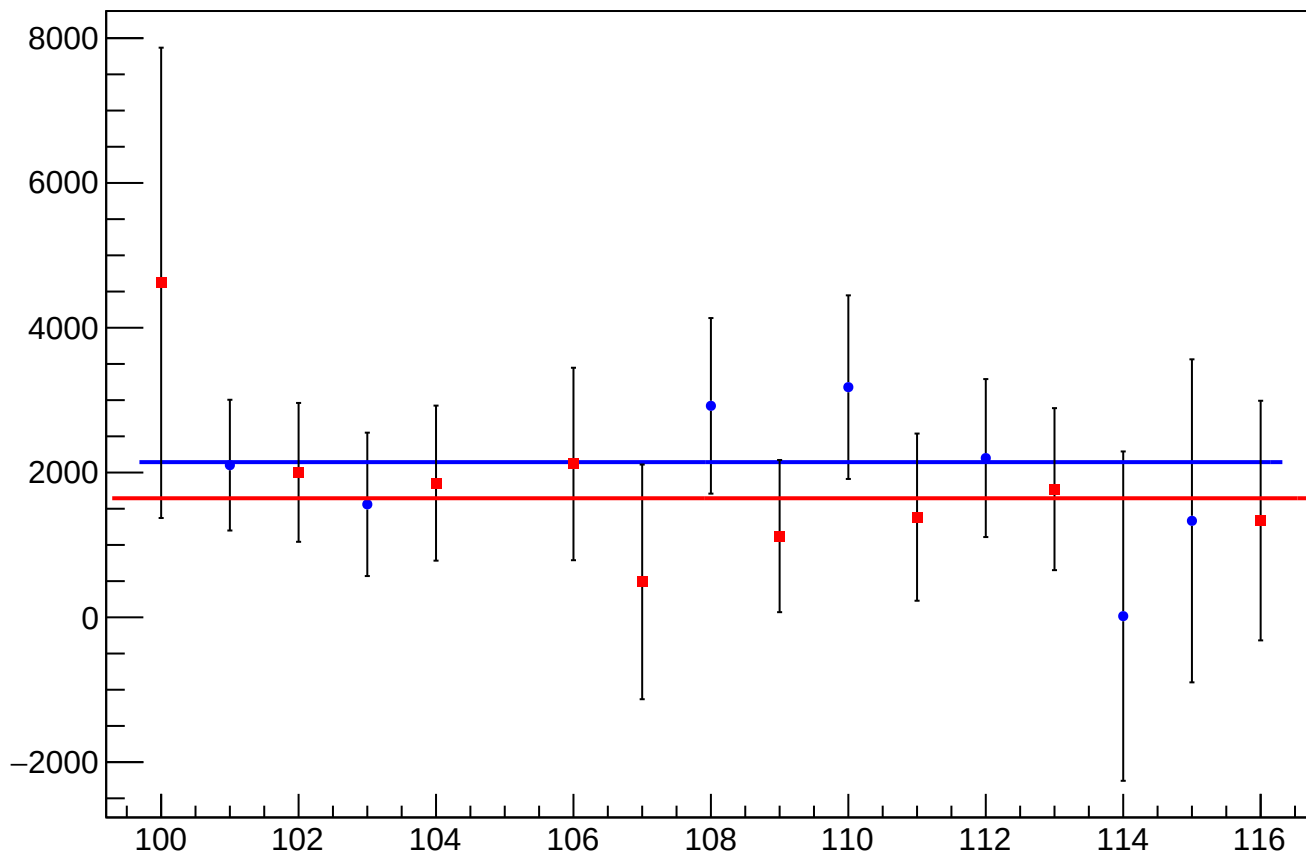
Right: 1129.714+/-0.328 χ^2/NDF : 701822.5/15

In: 1067.552+/-0.468 χ^2/NDF :342151.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1129.714+/-0.328 χ^2/NDF : 701822.5/15

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2143.802+/-457.284 χ^2/NDF : 2.4/6

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

Right Out: 1644.820+/-414.503 χ^2/NDF : 2.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

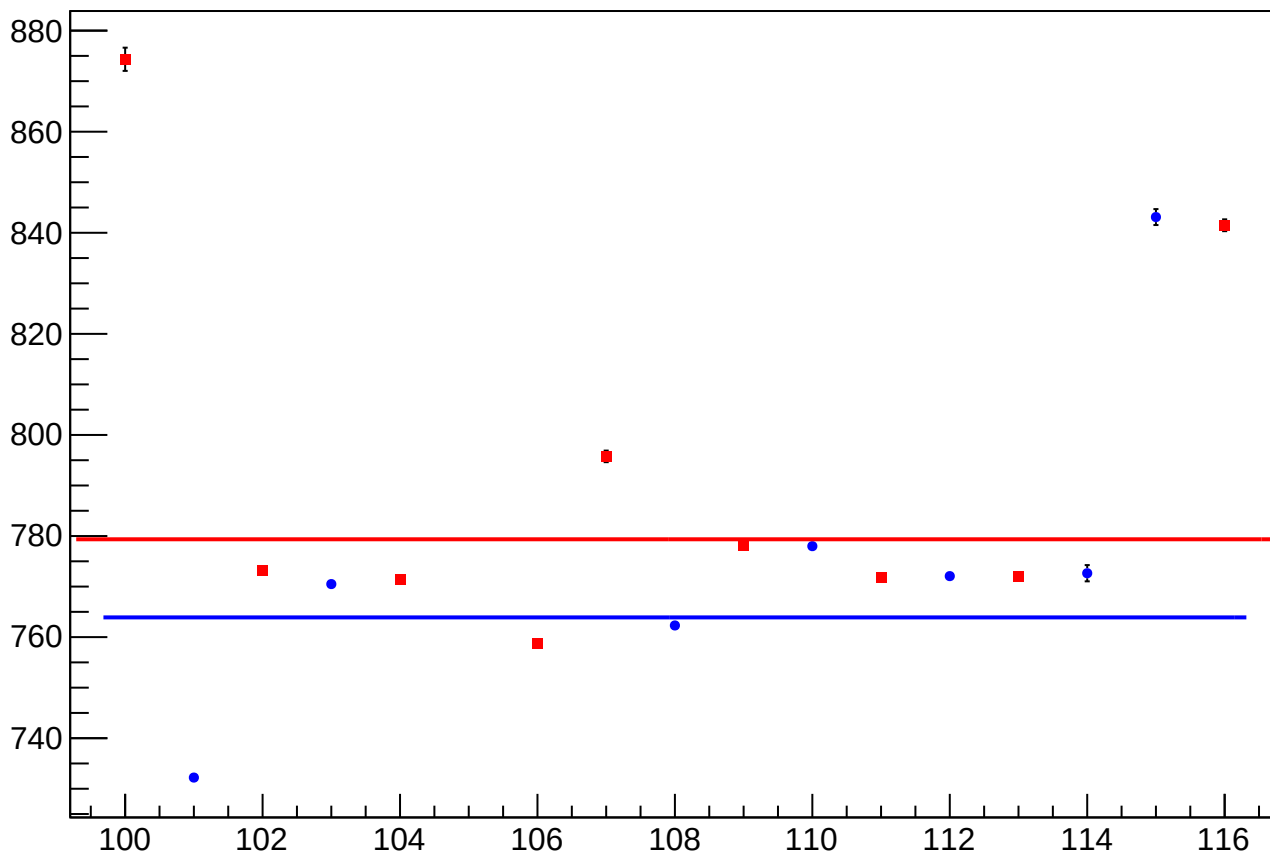
Right: 1869.884+/-307.112 χ^2/NDF : 5.1/15

In: 2143.802+/-457.284 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.884+/-307.112 χ^2/NDF : 5.1/15

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 763.902 $\pm$ 0.323 χ^2 /NDF: 5465.4/6

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

Right Out: 779.357 $\pm$ 0.293 χ^2 /NDF: 5577.5/8

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

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

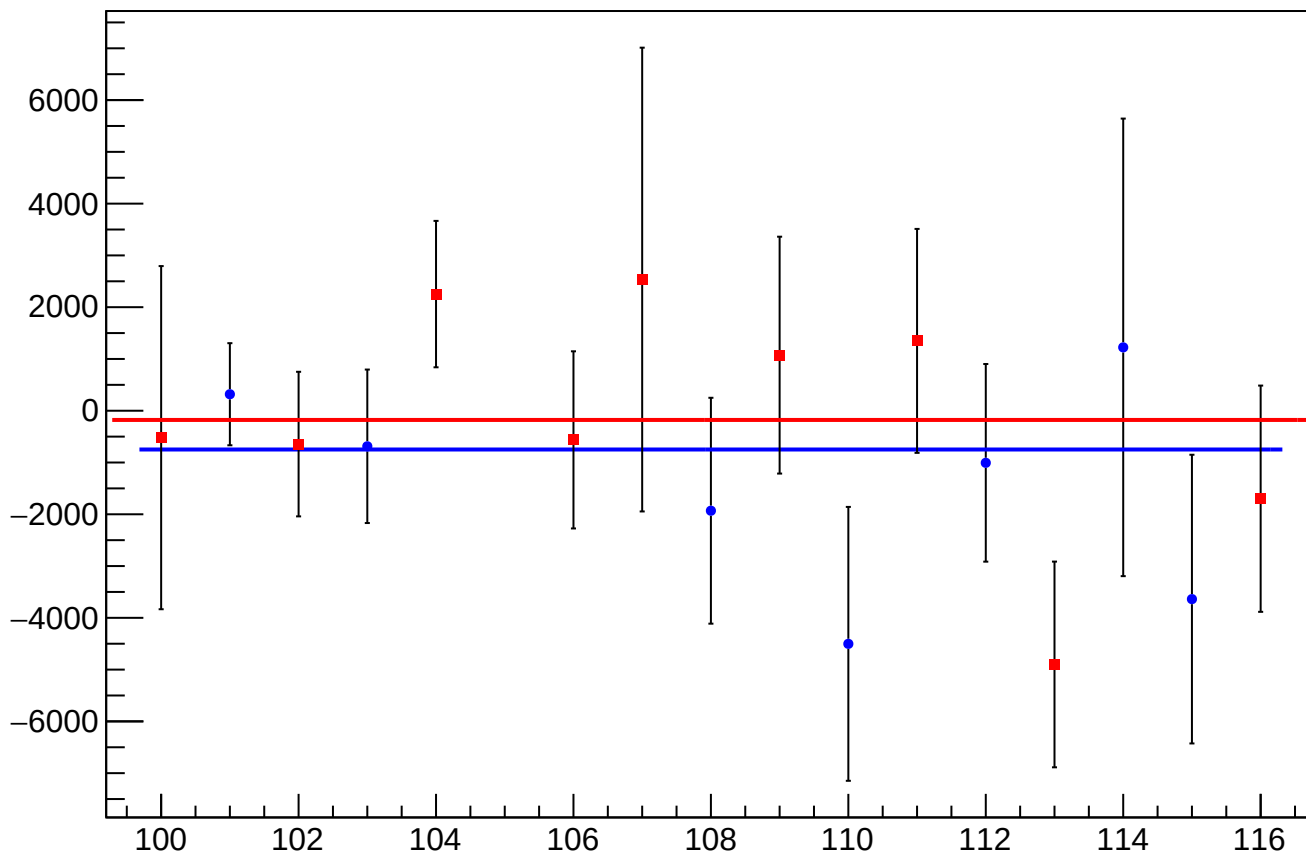
Right: 772.386 $\pm$ 0.217 χ^2 /NDF: 12297.1/15

In: 763.902 $\pm$ 0.323 χ^2 /NDF:5465.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 772.386 $\pm$ 0.217 χ^2 /NDF: 12297.1/15

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -748.841+/-660.641 χ^2/NDF : 4.8/6

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

Right Out: -177.991+/-650.467 χ^2/NDF : 10.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

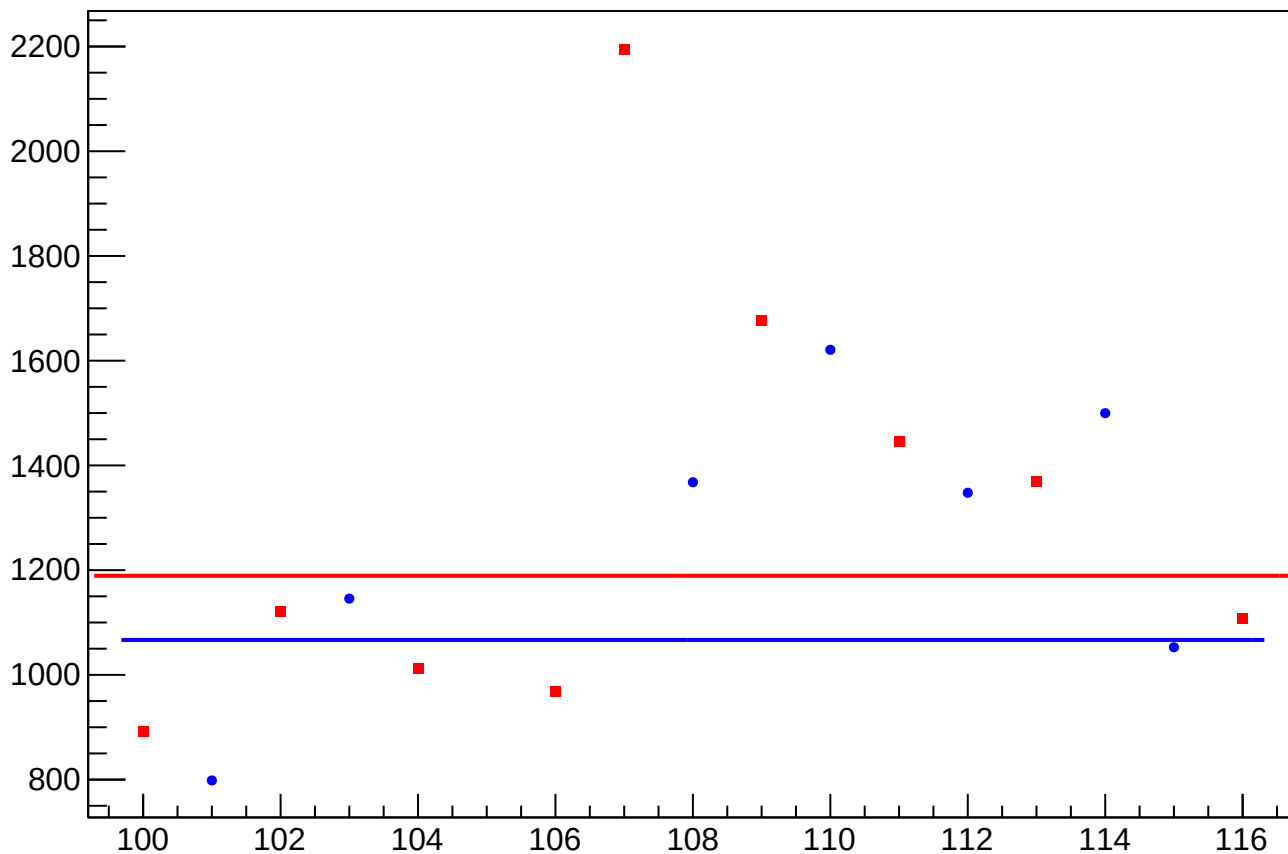
Right: -458.987+/-463.505 χ^2/NDF : 15.6/15

In: -748.841+/-660.641 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.987+/-463.505 χ^2/NDF : 15.6/15

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1066.709+/-0.467 χ^2/NDF : 342257.1/6

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

Right Out: 1189.261+/-0.460 χ^2/NDF : 324594.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

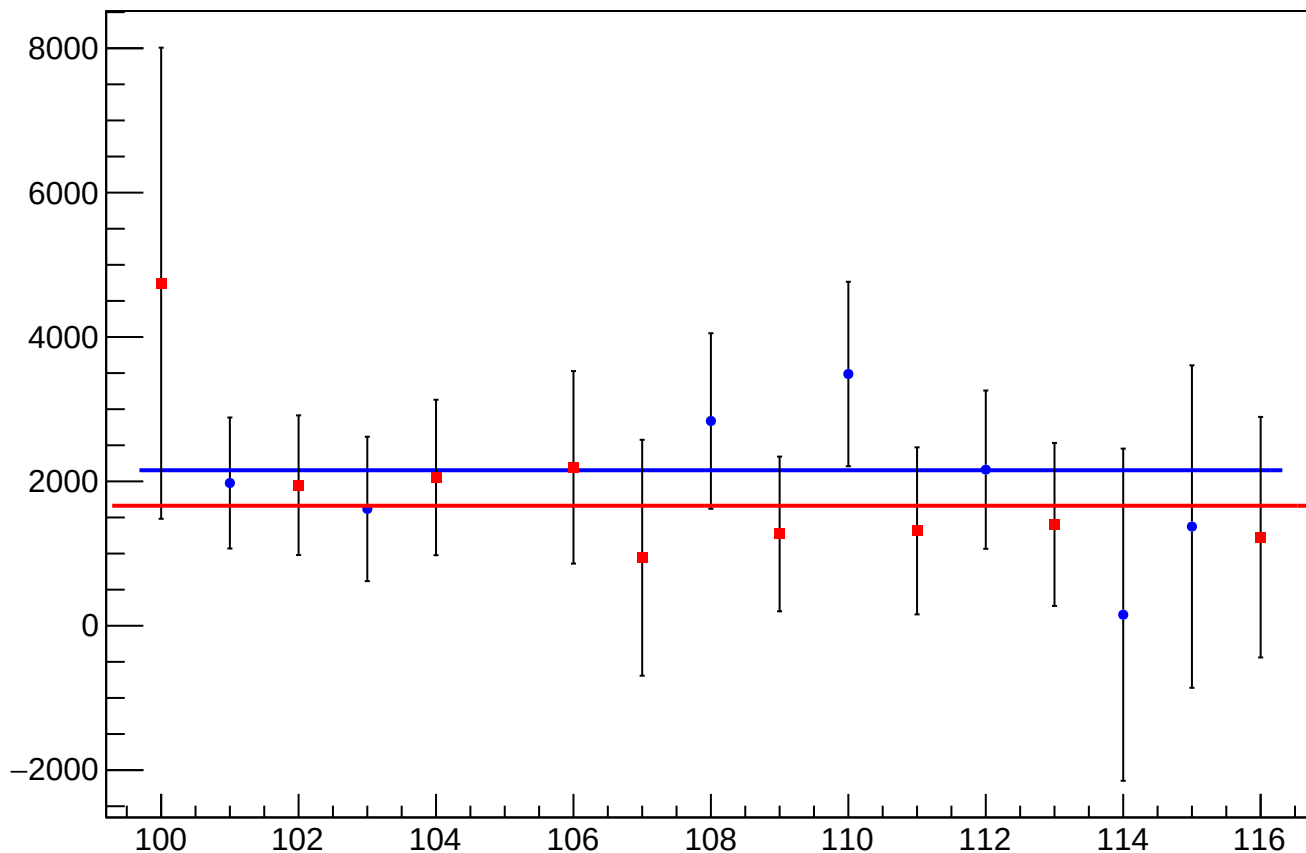
Right: 1128.936+/-0.328 χ^2/NDF : 701797.6/15

In: 1066.709+/-0.467 χ^2/NDF :342257.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1128.936+/-0.328 χ^2/NDF : 701797.6/15

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2154.264+/-460.065 χ^2/NDF : 2.6/6

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

Right Out: 1662.511+/-417.997 χ^2/NDF : 1.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

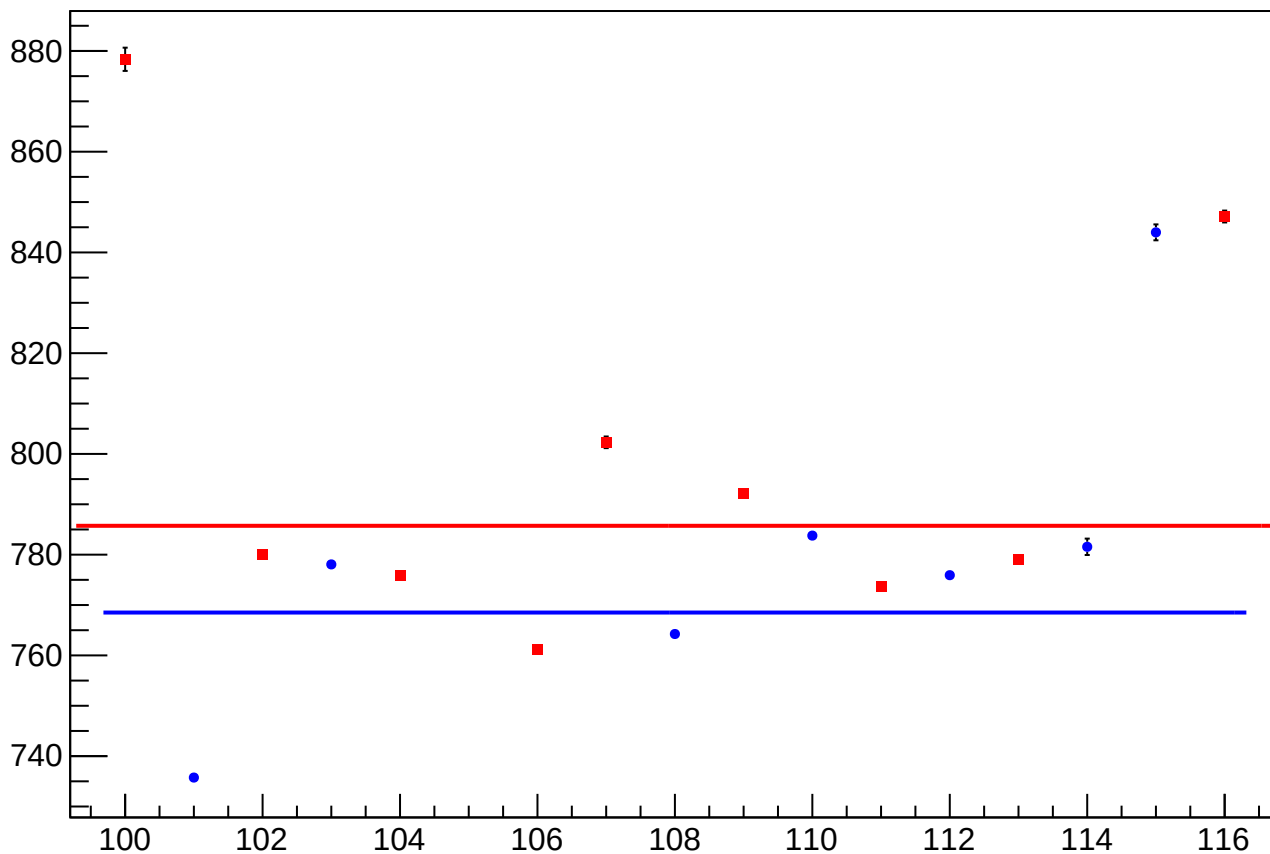
Right: 1884.881+/-309.374 χ^2/NDF : 5.0/15

In: 2154.264+/-460.065 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.881+/-309.374 χ^2/NDF : 5.0/15

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 768.509 $\pm$ 0.325 χ^2 /NDF: 5540.9/6

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

Right Out: 785.729 $\pm$ 0.296 χ^2 /NDF: 5805.7/8

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

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

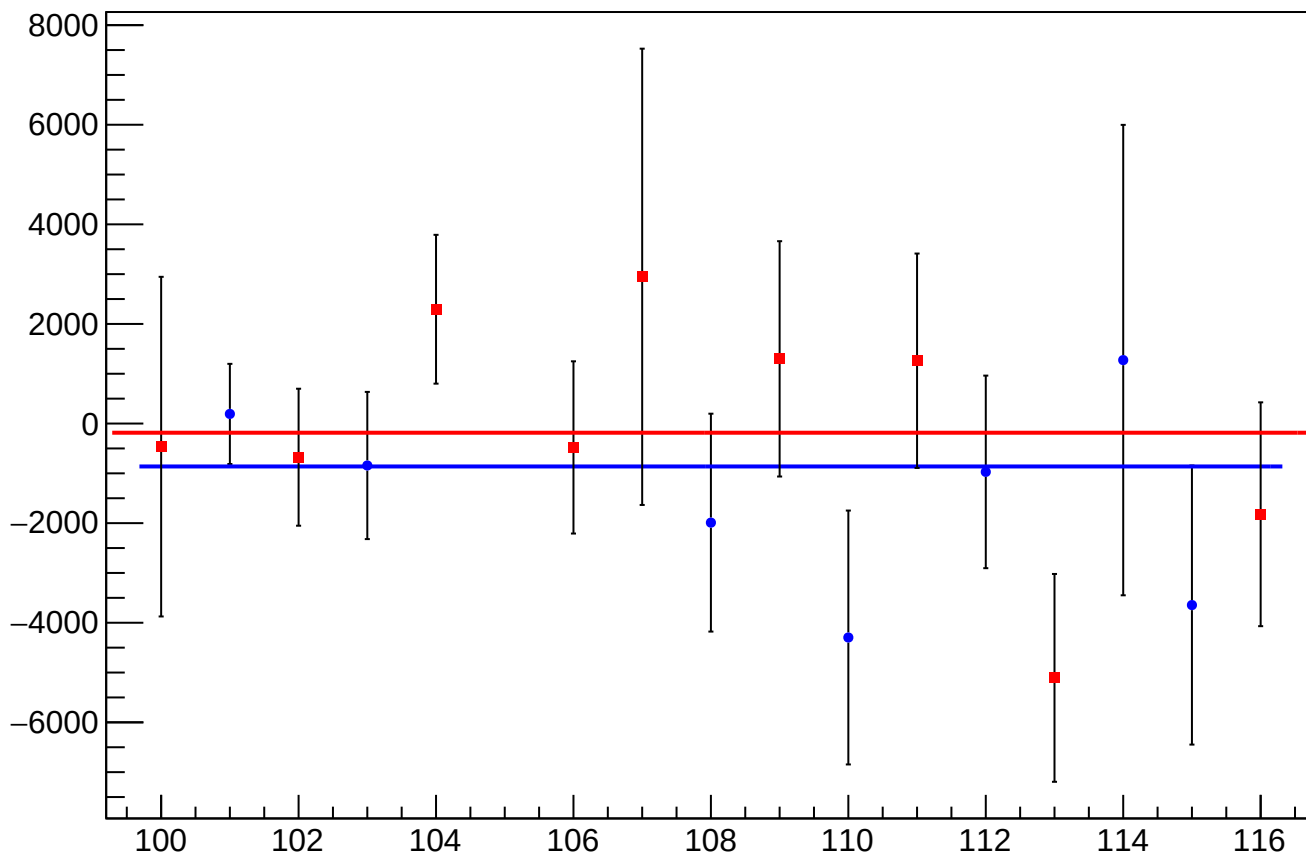
Right: 777.942 $\pm$ 0.219 χ^2 /NDF: 12881.6/15

In: 768.509 $\pm$ 0.325 χ^2 /NDF:5540.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 777.942 $\pm$ 0.219 χ^2 /NDF: 12881.6/15

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -861.776+/-666.729 χ^2/NDF : 4.4/6

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

Right Out: -184.368+/-664.120 χ^2/NDF : 10.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

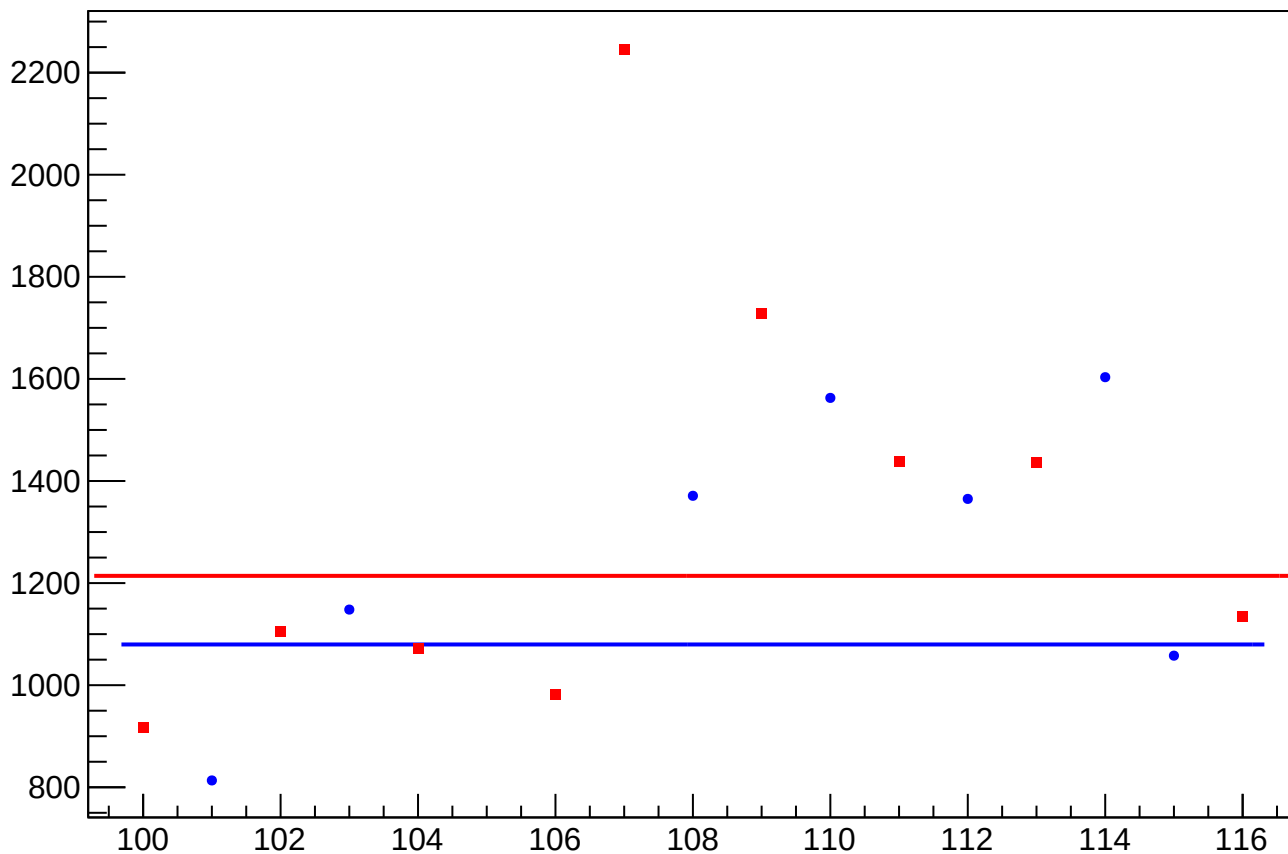
Right: -521.744+/-470.524 χ^2/NDF : 15.2/15

In: -861.776+/-666.729 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.744+/-470.524 χ^2/NDF : 15.2/15

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1079.763+/-0.471 χ^2/NDF : 320110.5/6

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

Right Out: 1214.170+/-0.470 χ^2/NDF : 324894.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

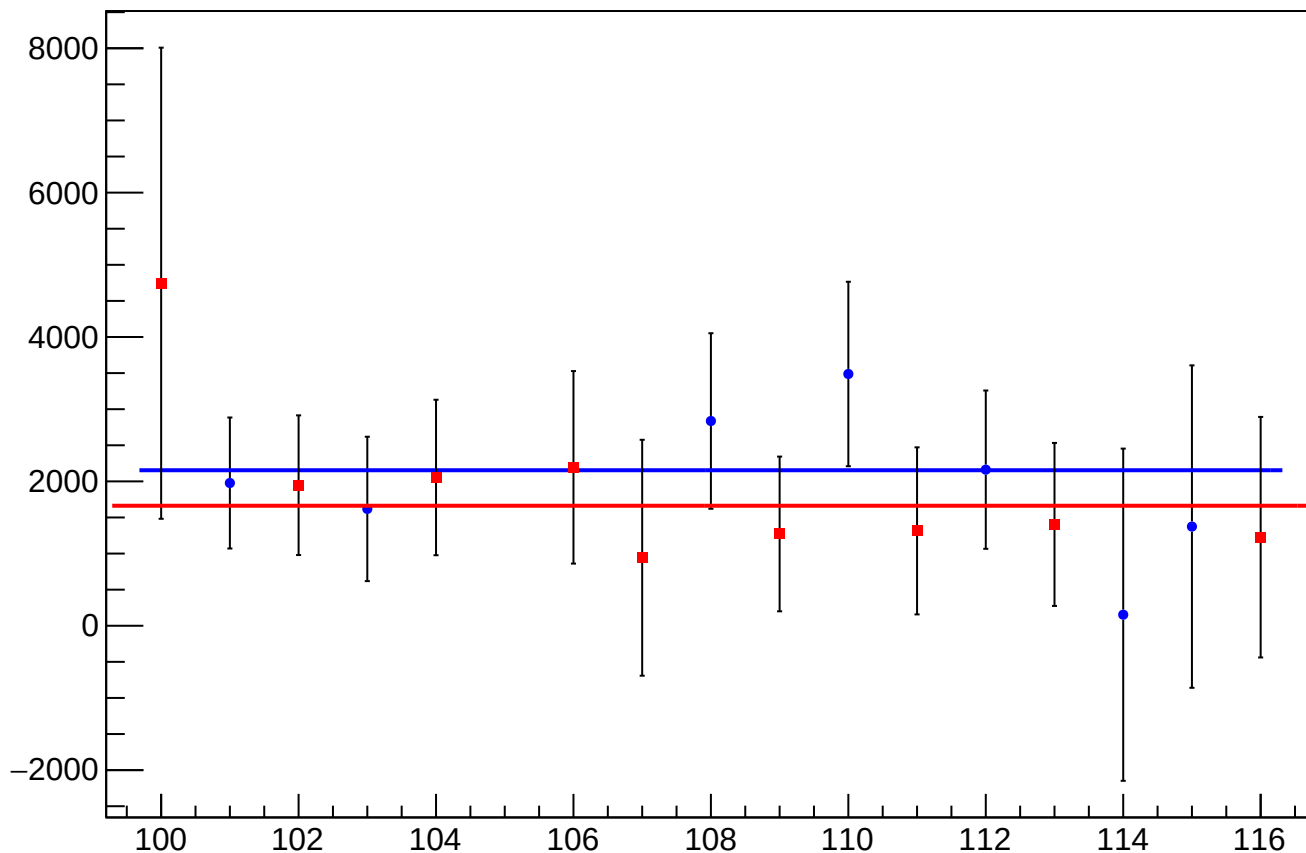
Right: 1147.230+/-0.333 χ^2/NDF : 685803.5/15

In: 1079.763+/-0.471 χ^2/NDF : 320110.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.230+/-0.333 χ^2/NDF : 685803.5/15

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2154.266+/-460.065 χ^2/NDF : 2.6/6

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

Right Out: 1662.510+/-417.997 χ^2/NDF : 1.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

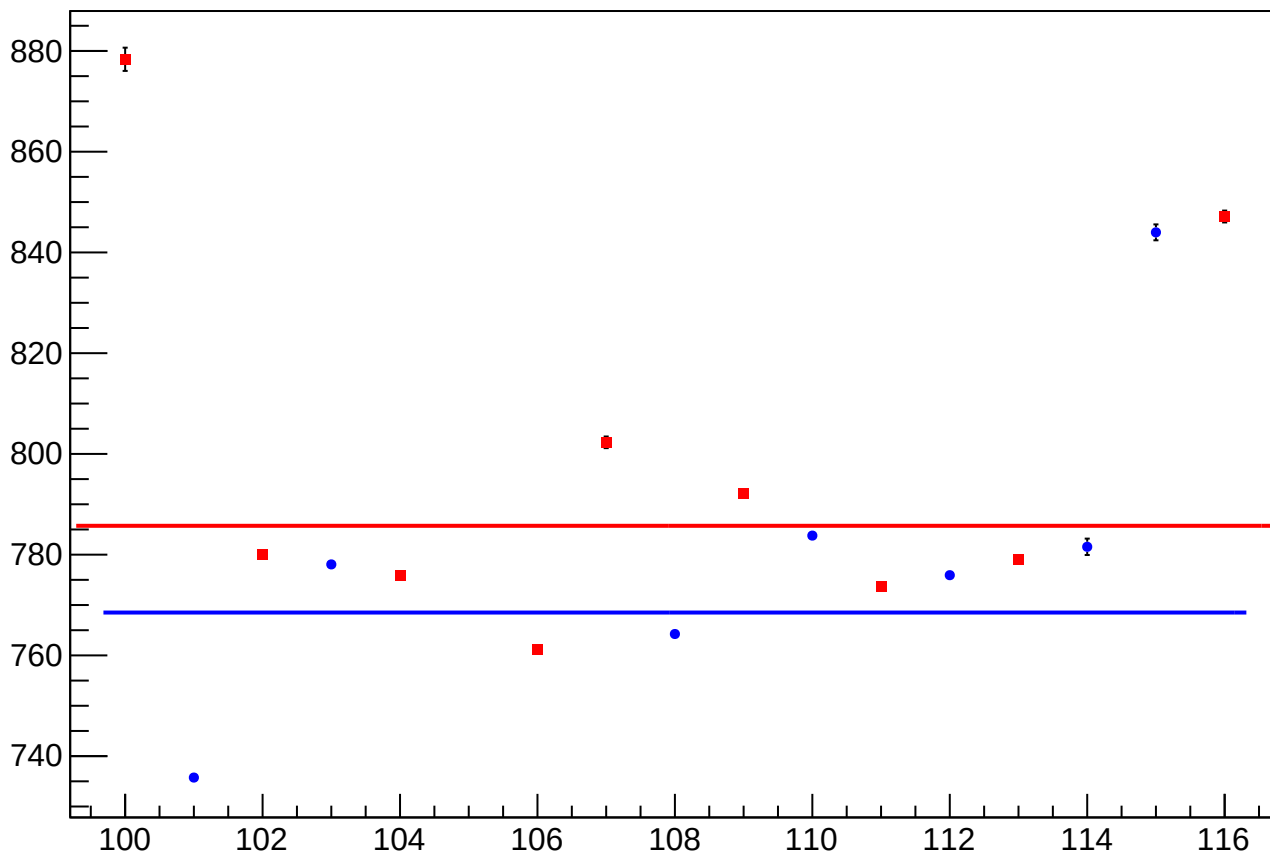
Right: 1884.882+/-309.374 χ^2/NDF : 5.0/15

In: 2154.266+/-460.065 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.882+/-309.374 χ^2/NDF : 5.0/15

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 768.509+/-0.325 χ^2/NDF : 5540.9/6

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

Right Out: 785.729+/-0.296 χ^2/NDF : 5805.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

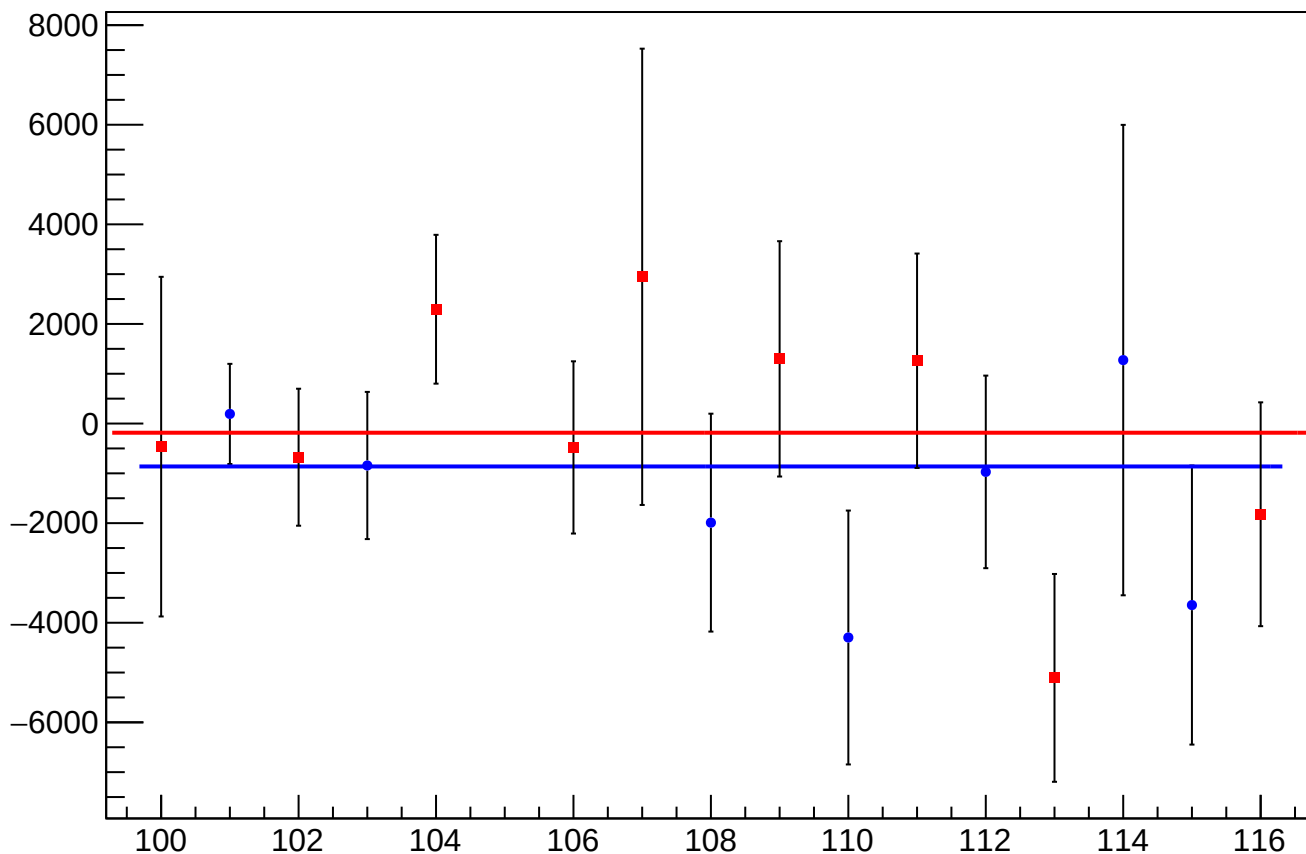
Right: 777.942+/-0.219 χ^2/NDF : 12881.5/15

In: 768.509+/-0.325 χ^2/NDF : 5540.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.942+/-0.219 χ^2/NDF : 12881.5/15

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -861.777+/-666.728 χ^2/NDF : 4.4/6

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

Right Out: -184.369+/-664.119 χ^2/NDF : 10.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

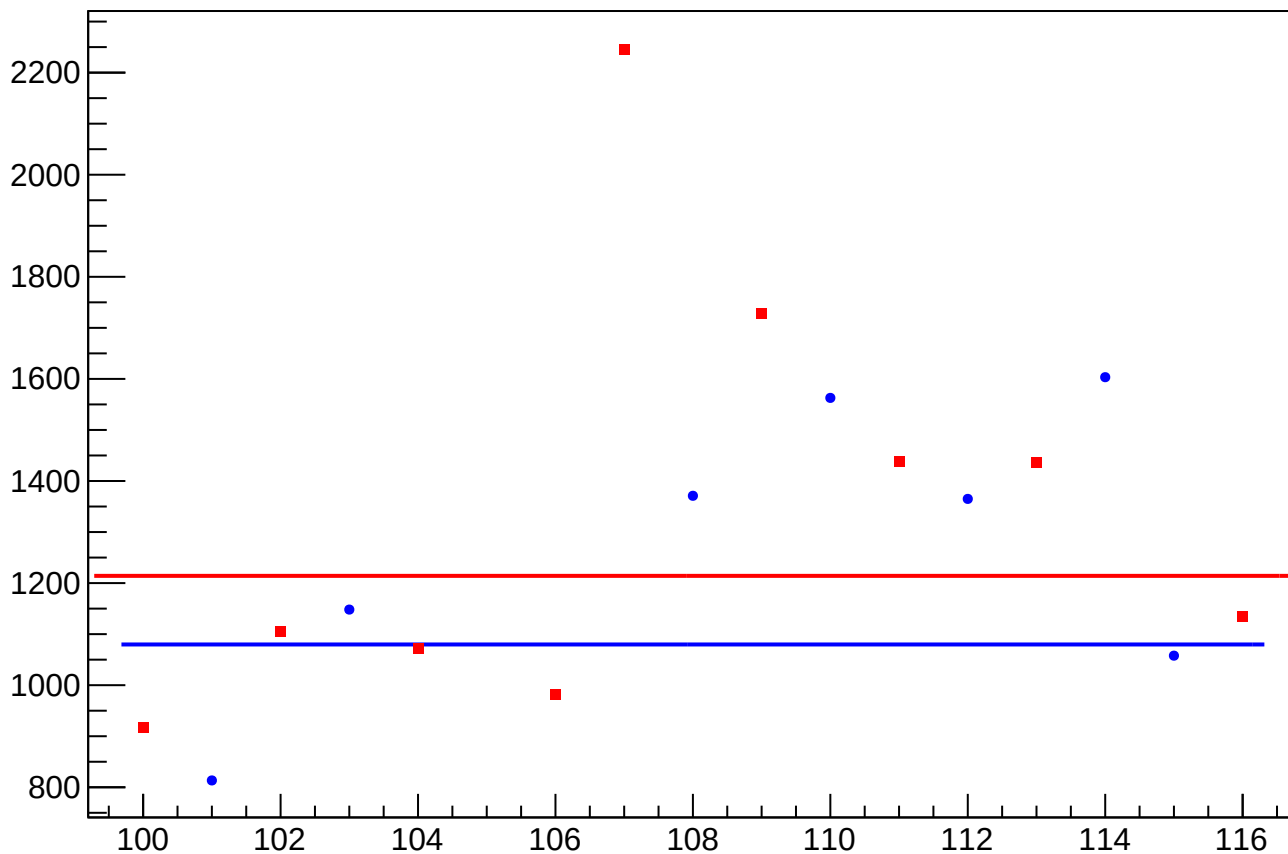
Right: -521.745+/-470.523 χ^2/NDF : 15.2/15

In: -861.777+/-666.728 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.745+/-470.523 χ^2/NDF : 15.2/15

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1079.761+/-0.471 χ^2/NDF : 320108.7/6

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

Right Out: 1214.167+/-0.470 χ^2/NDF : 324892.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

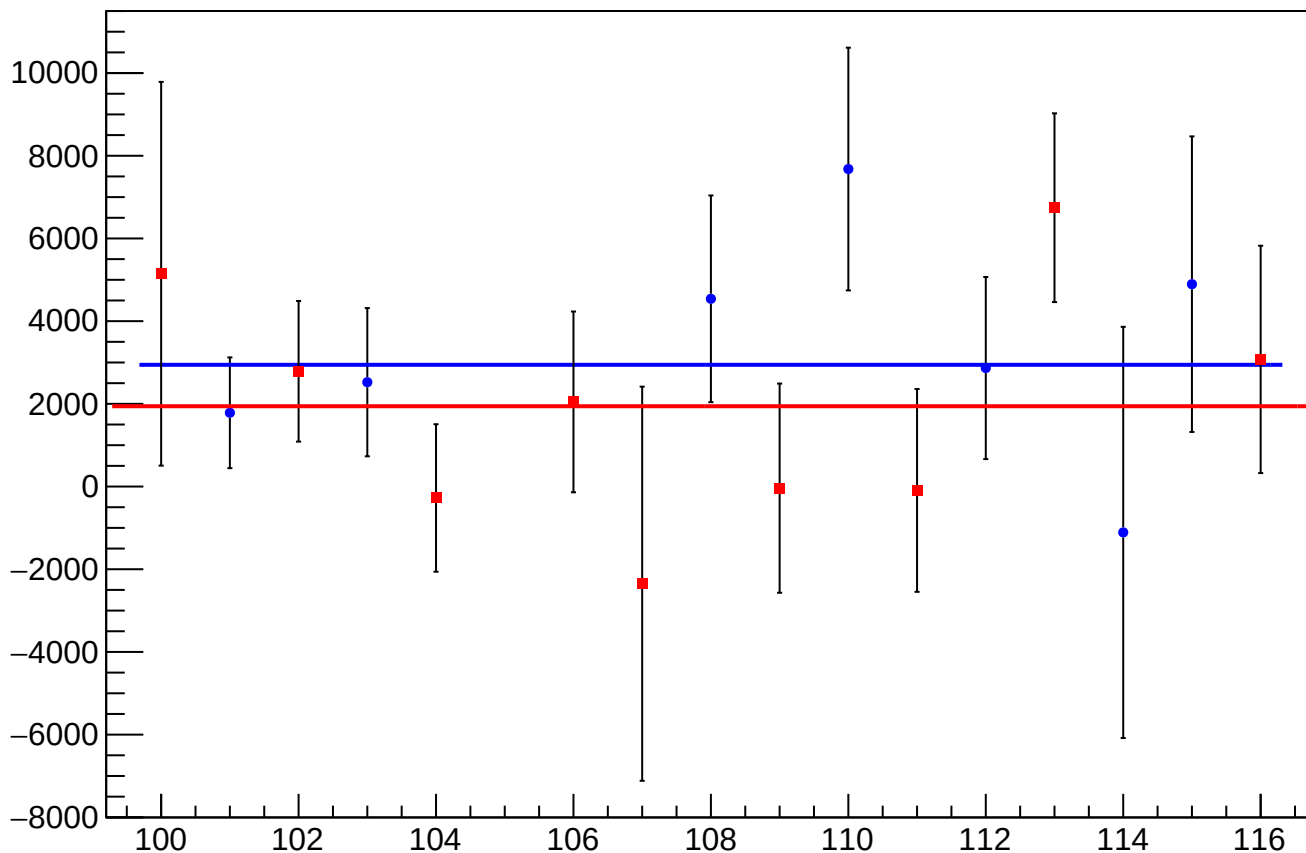
Right: 1147.228+/-0.333 χ^2/NDF : 685799.7/15

In: 1079.761+/-0.471 χ^2/NDF : 320108.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.228+/-0.333 χ^2/NDF : 685799.7/15

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2944.115 $\pm$ 824.845 χ^2 /NDF: 4.8/6

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

Right Out: 1942.130 $\pm$ 788.986 χ^2 /NDF: 9.0/8

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

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

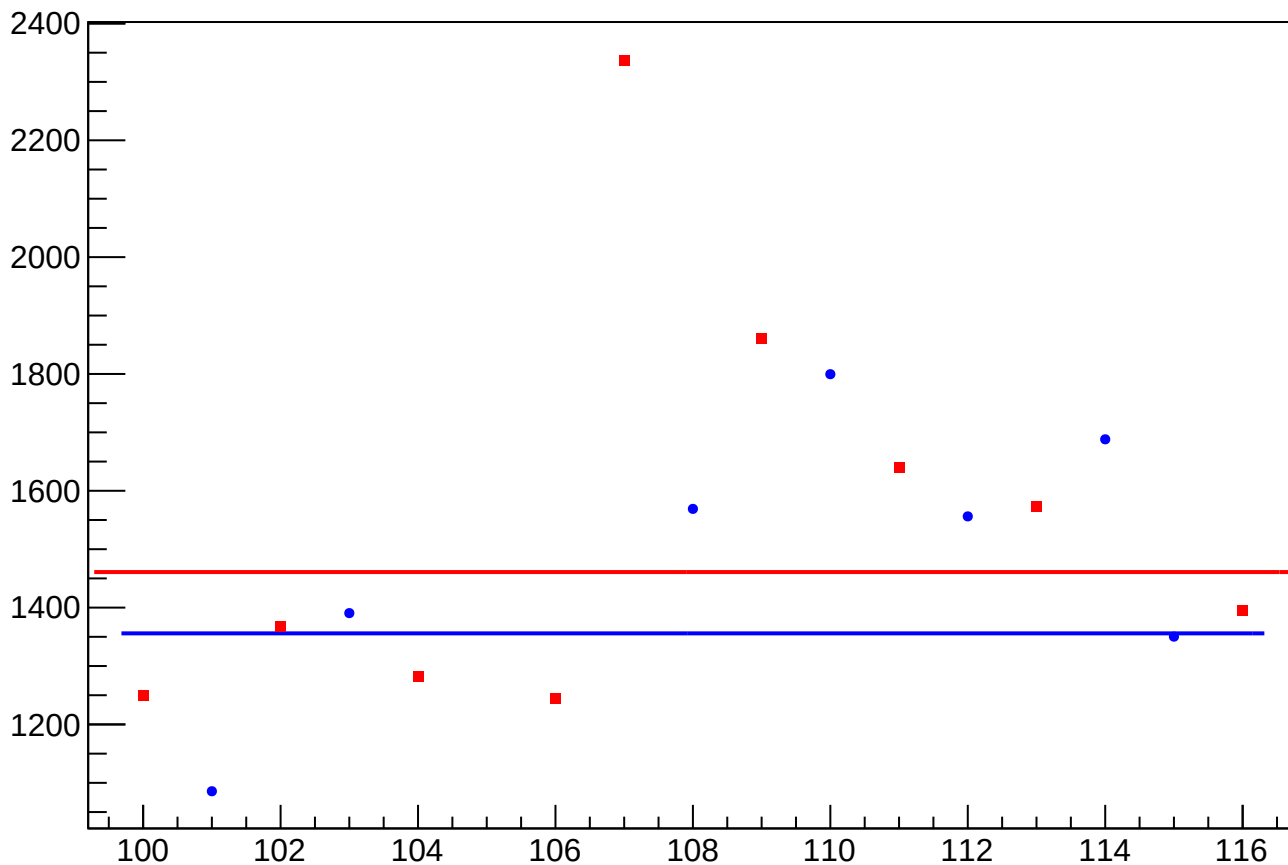
Right: 2420.869 $\pm$ 570.153 χ^2 /NDF: 14.5/15

In: 2944.115 $\pm$ 824.845 χ^2 /NDF:4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2420.869 $\pm$ 570.153 χ^2 /NDF: 14.5/15

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1355.907+/-0.583 χ^2/NDF : 167905.8/6

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

Right Out: 1460.867+/-0.558 χ^2/NDF : 183857.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

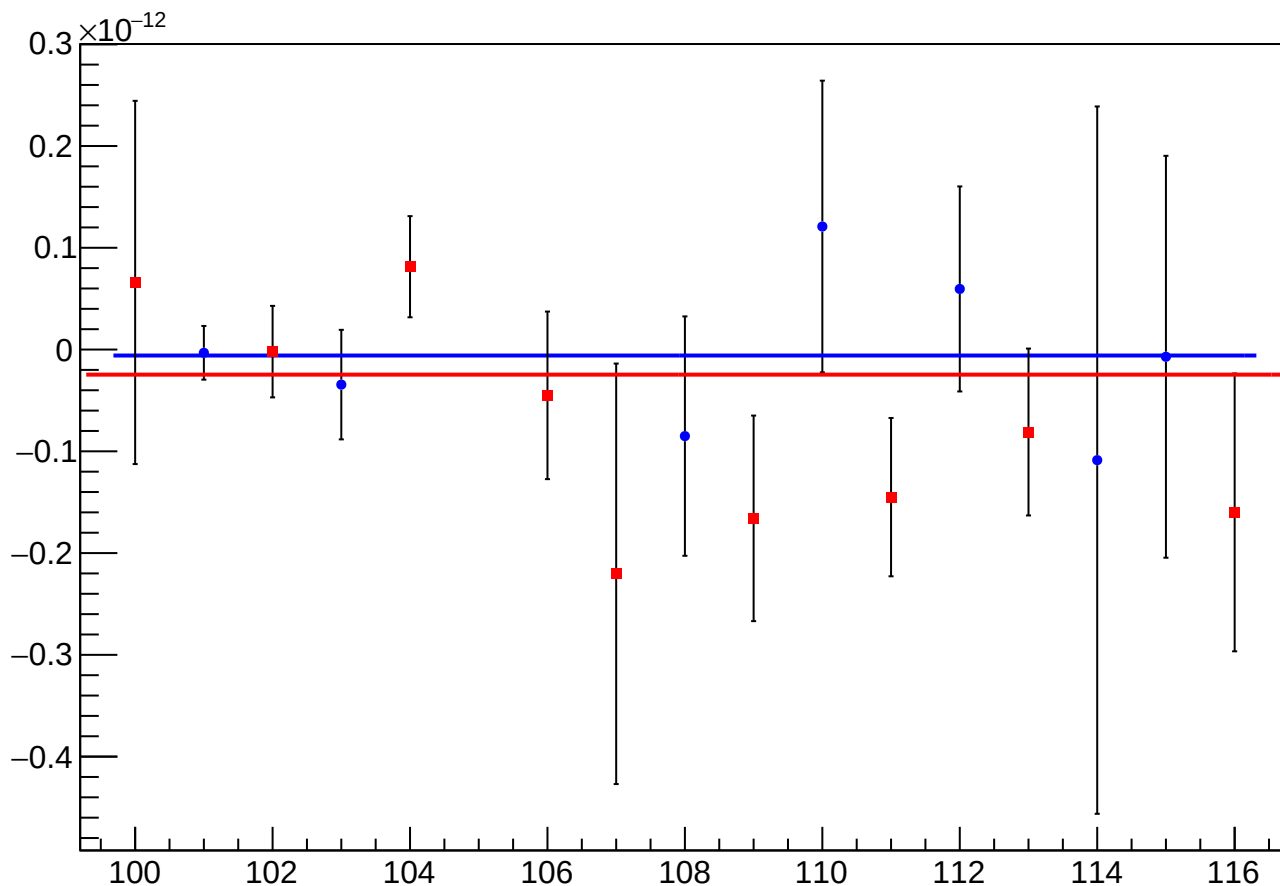
Right: 1410.718+/-0.403 χ^2/NDF : 368674.4/15

In: 1355.907+/-0.583 χ^2/NDF : 167905.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.718+/-0.403 χ^2/NDF : 368674.4/15

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.0/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

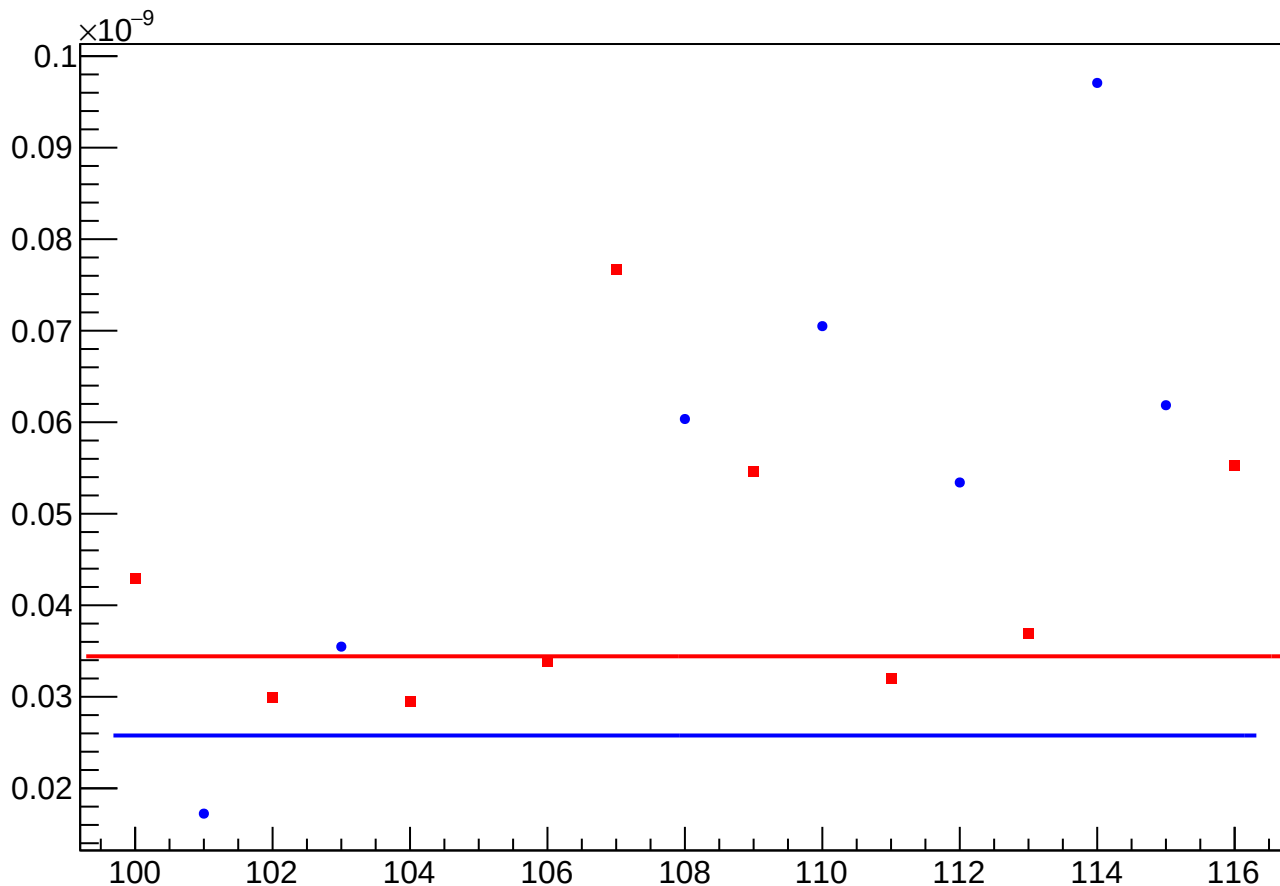
Right: -0.000+/-0.000 χ^2/NDF : 14.2/15

In: -0.000+/-0.000 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/15

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 943890.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 258323.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

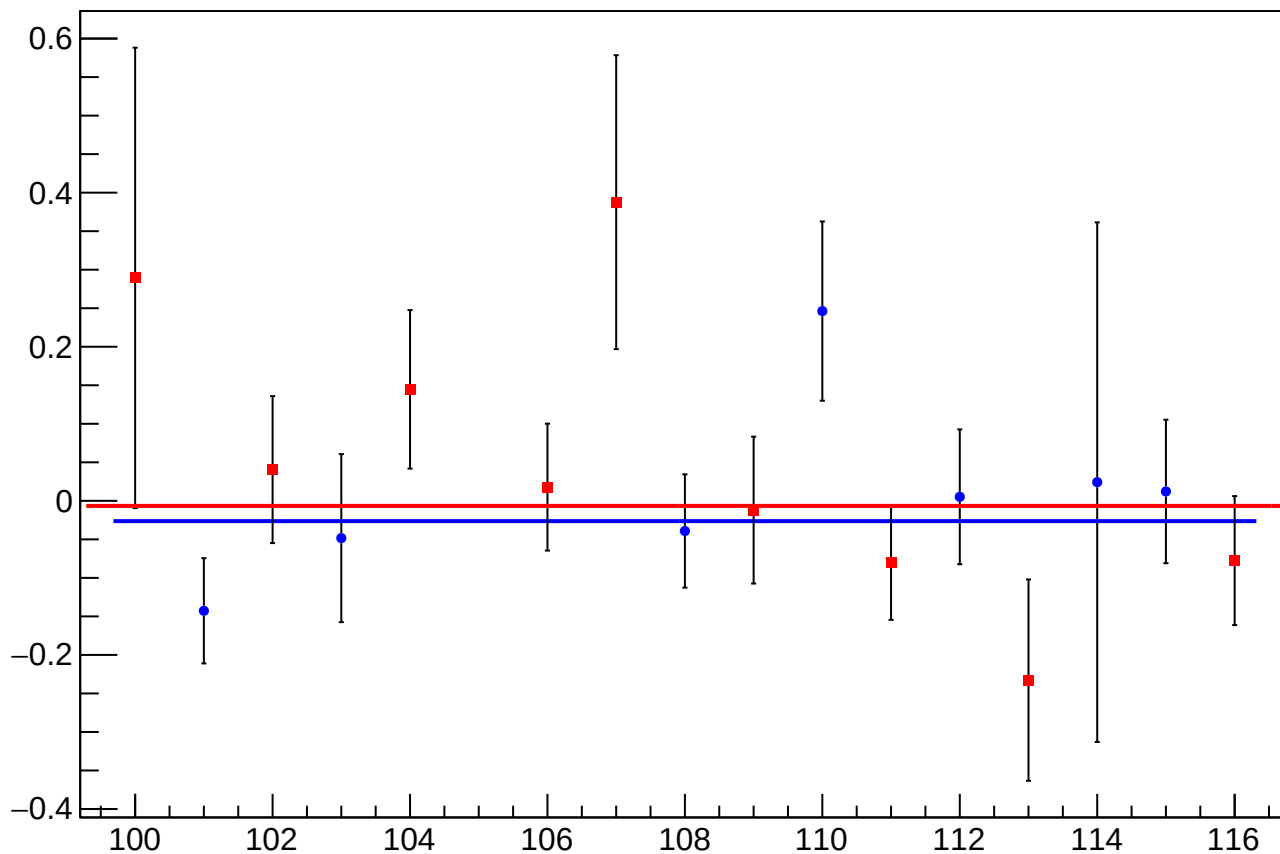
Right: 0.000+/-0.000 χ^2/NDF : 1334821.1/15

In: 0.000+/-0.000 χ^2/NDF : 943890.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1334821.1/15

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.035 χ^2 /NDF: 8.8/6

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

Right Out: -0.007 $\pm$ 0.034 χ^2 /NDF: 12.4/8

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

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

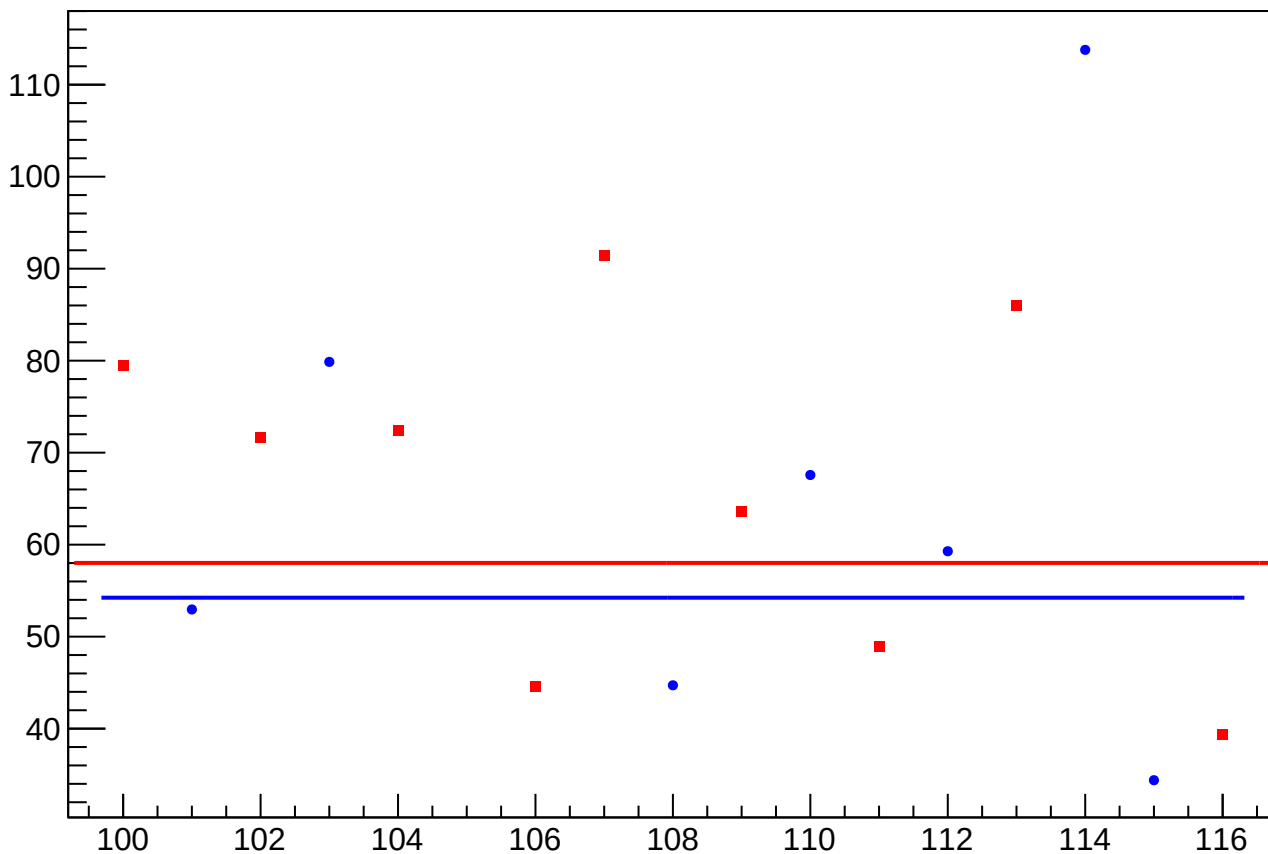
Right: -0.016 $\pm$ 0.024 χ^2 /NDF: 21.4/15

In: -0.026 $\pm$ 0.035 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.024 χ^2 /NDF: 21.4/15

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.234+/-0.025 χ^2/NDF : 330801.3/6

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

Right Out: 58.015+/-0.024 χ^2/NDF : 432363.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

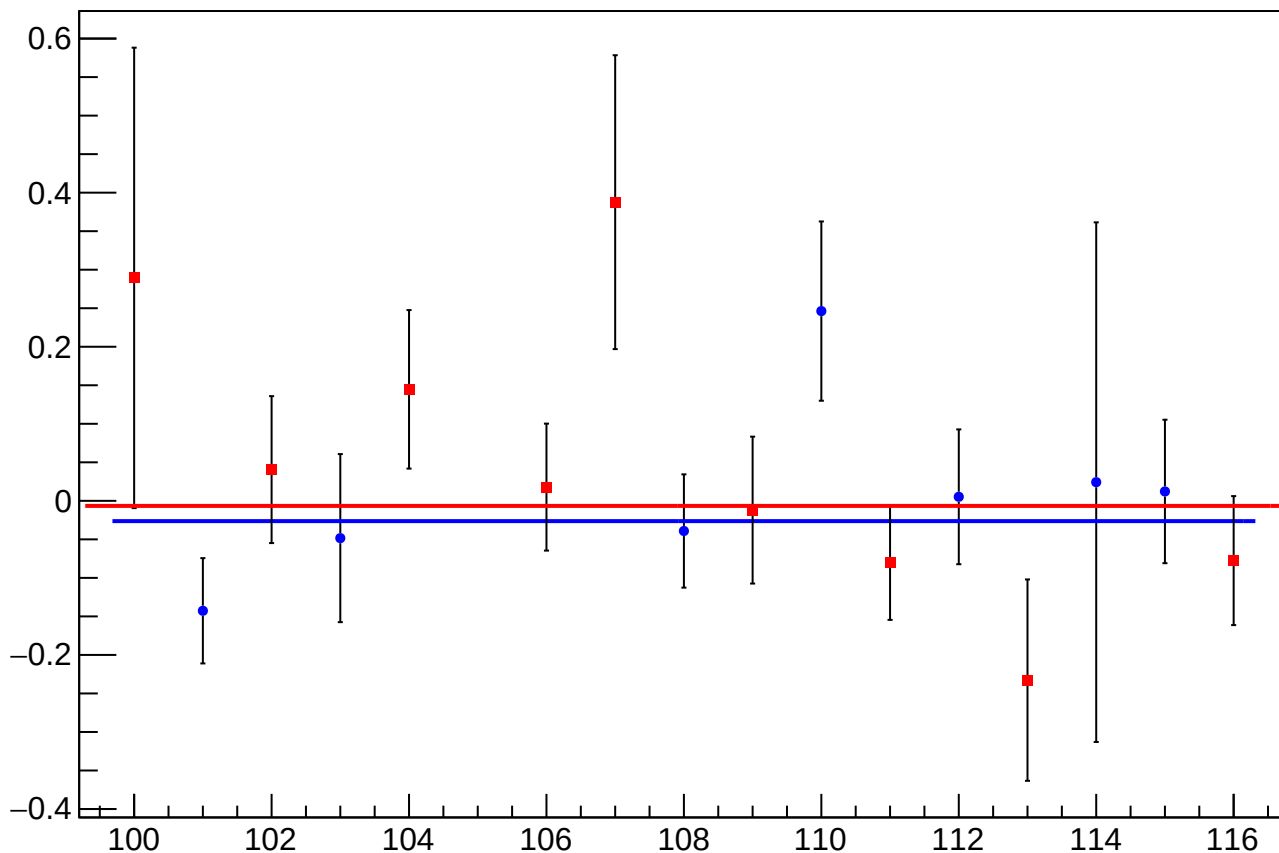
Right: 56.203+/-0.017 χ^2/NDF : 775250.0/15

In: 54.234+/-0.025 χ^2/NDF : 330801.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.203+/-0.017 χ^2/NDF : 775250.0/15

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.035 χ^2/NDF : 8.8/6

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

Right Out: -0.007+/-0.034 χ^2/NDF : 12.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

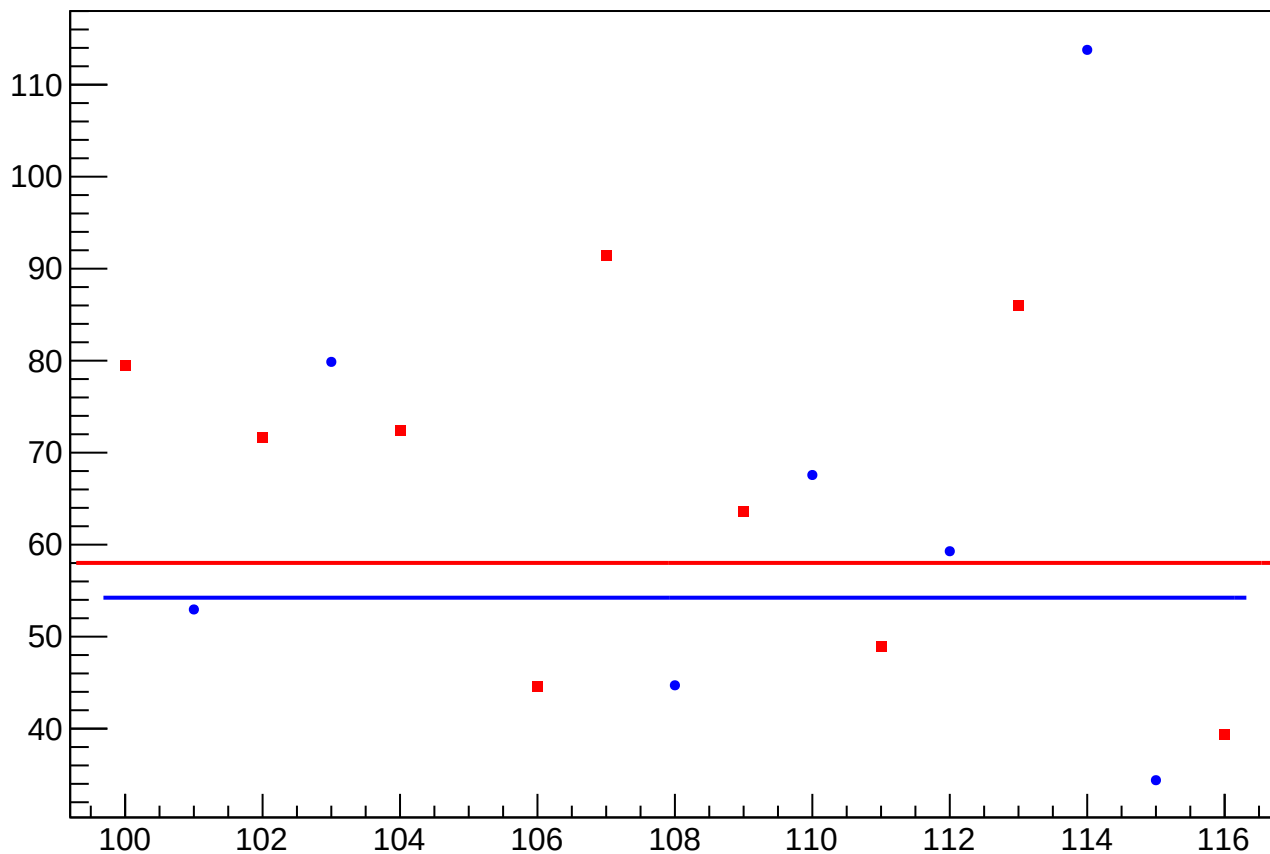
Right: -0.016+/-0.024 χ^2/NDF : 21.4/15

In: -0.026+/-0.035 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.024 χ^2/NDF : 21.4/15

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.234+/-0.025 χ^2/NDF : 330801.3/6

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

Right Out: 58.015+/-0.024 χ^2/NDF : 432363.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

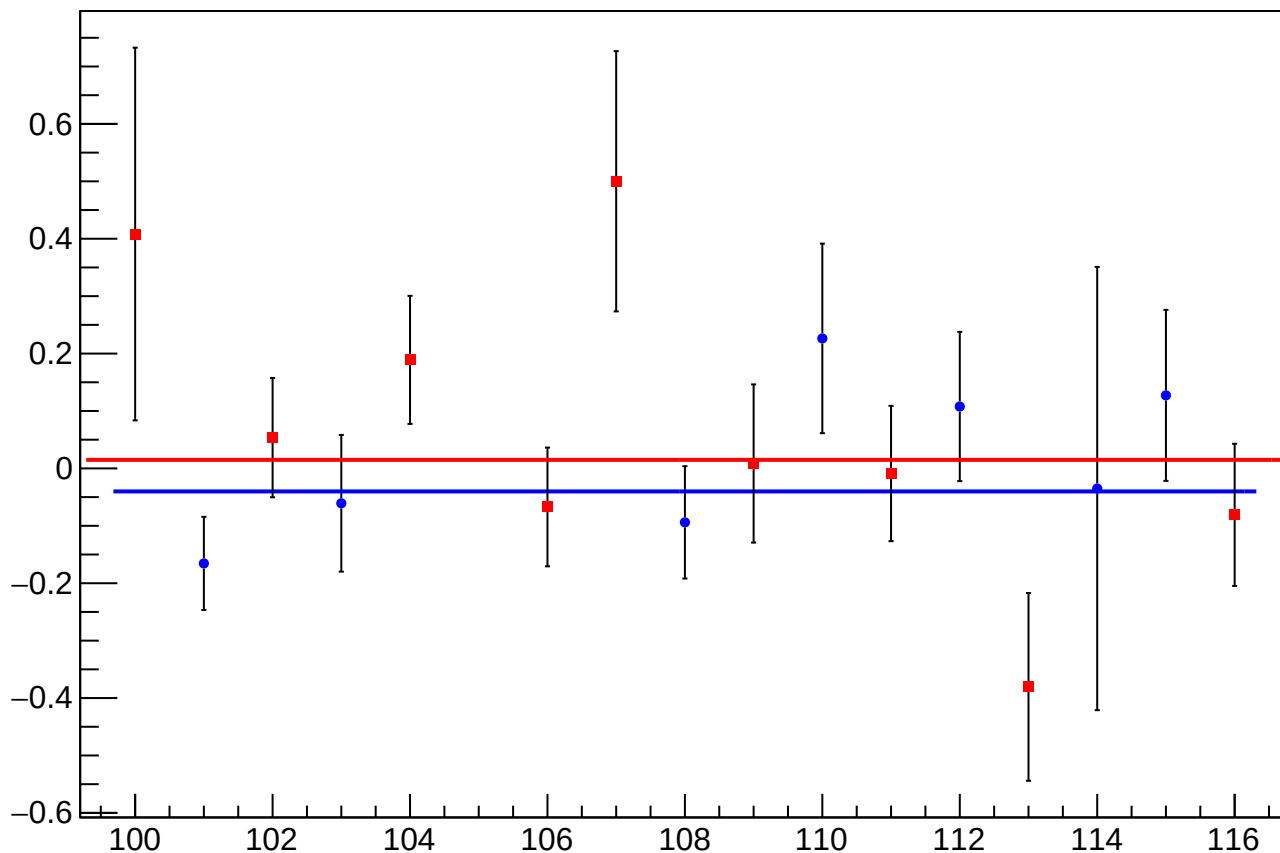
Right: 56.203+/-0.017 χ^2/NDF : 775250.0/15

In: 54.234+/-0.025 χ^2/NDF : 330801.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.203+/-0.017 χ^2/NDF : 775250.0/15

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.046 χ^2/NDF : 7.9/6

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

Right Out: 0.015+/-0.044 χ^2/NDF : 15.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

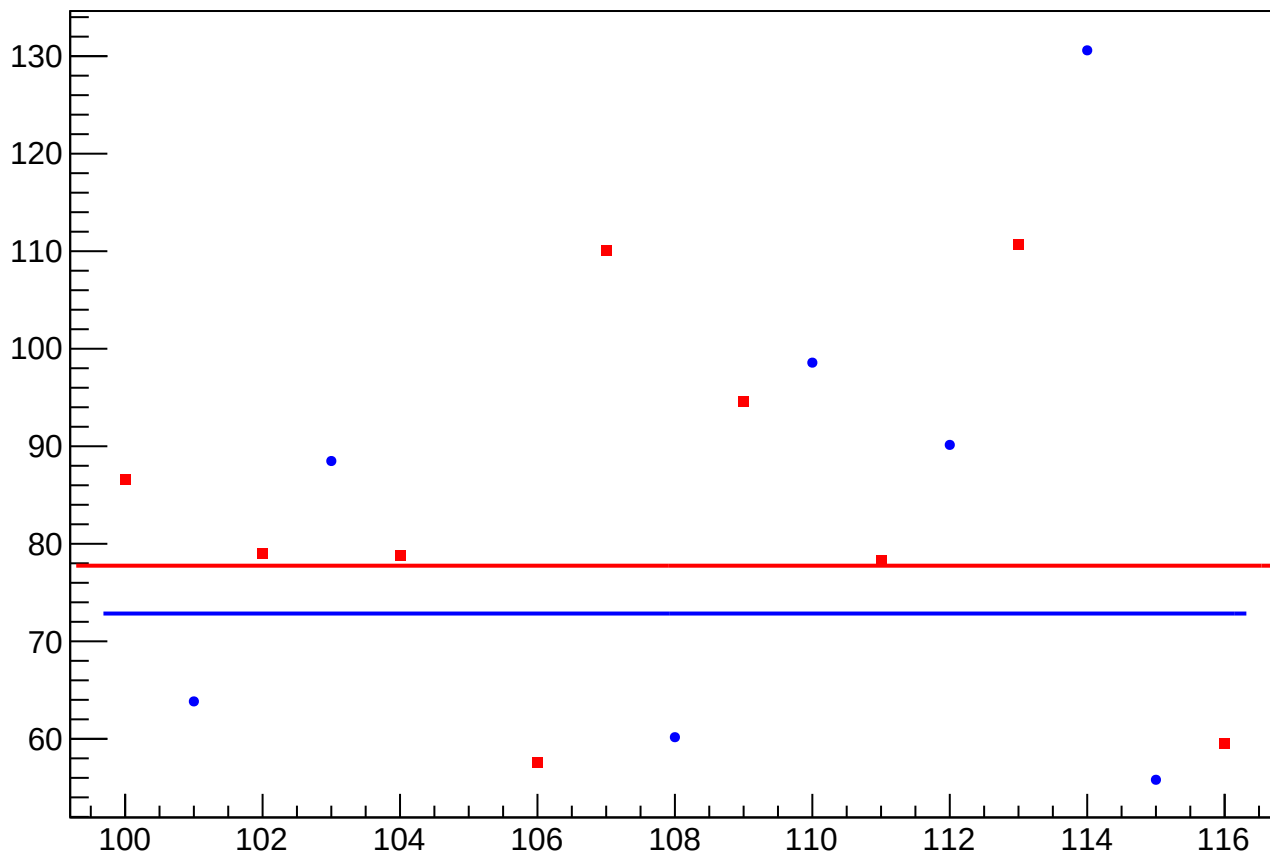
Right: -0.011+/-0.032 χ^2/NDF : 24.4/15

In: -0.040+/-0.046 χ^2/NDF : 7.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.032 χ^2/NDF : 24.4/15

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.849 $\pm$ 0.032 χ^2 /NDF: 247647.9/6

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

Right Out: 77.755 $\pm$ 0.031 χ^2 /NDF: 273001.0/8

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

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

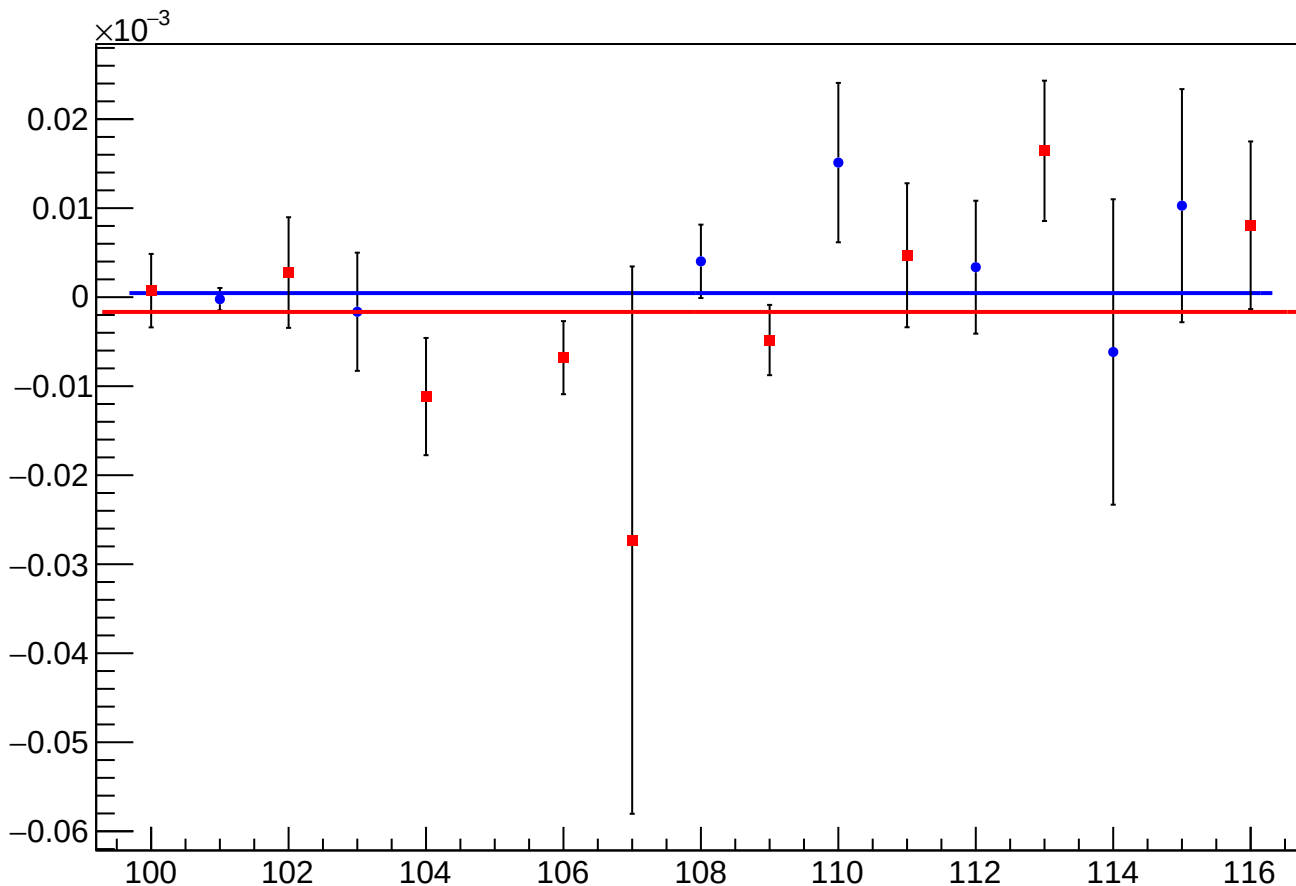
Right: 75.421 $\pm$ 0.022 χ^2 /NDF: 532620.3/15

In: 72.849 $\pm$ 0.032 χ^2 /NDF:247647.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.421 $\pm$ 0.022 χ^2 /NDF: 532620.3/15

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

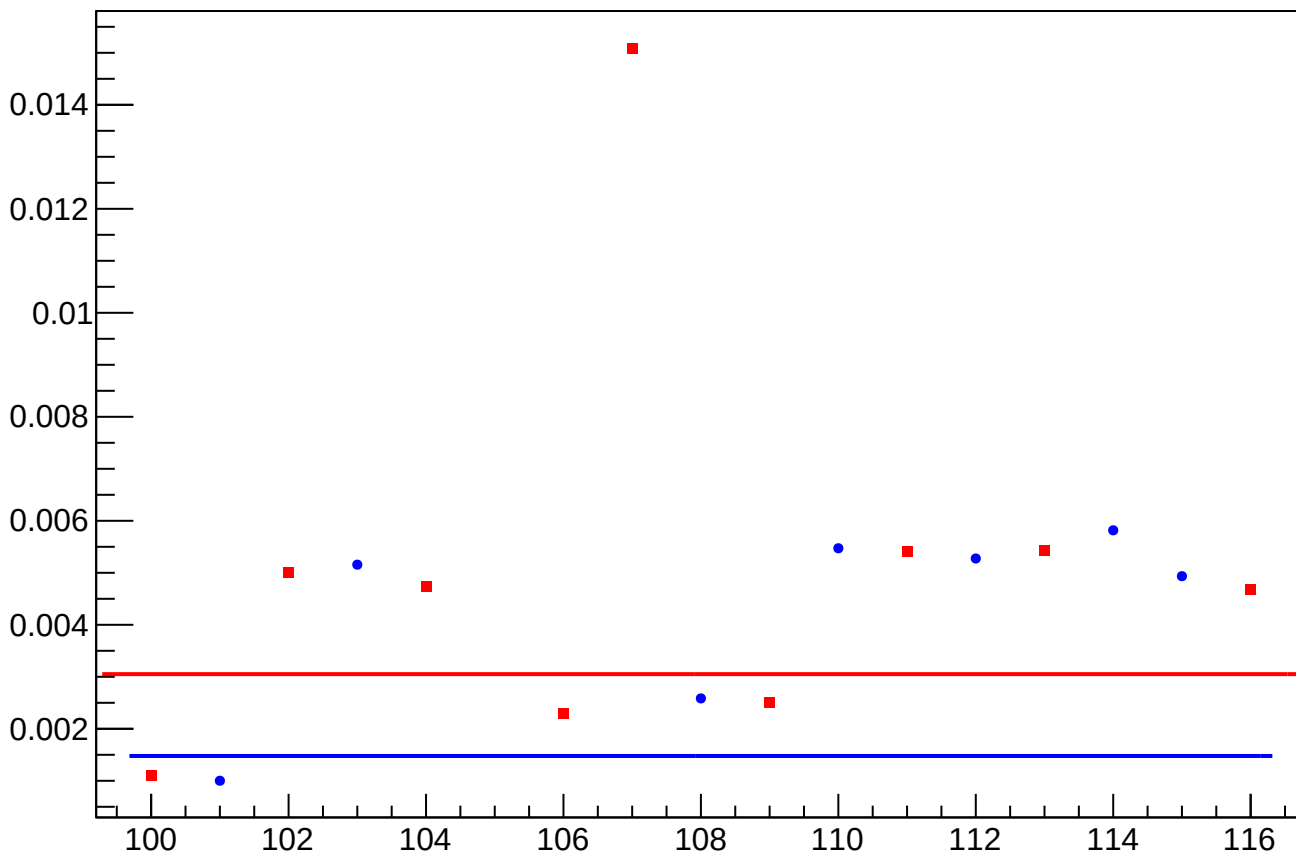
Right: -0.000+/-0.000 χ^2/NDF : 18.4/15

In: 0.000+/-0.000 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.4/15

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2229393.2/6

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1594720.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

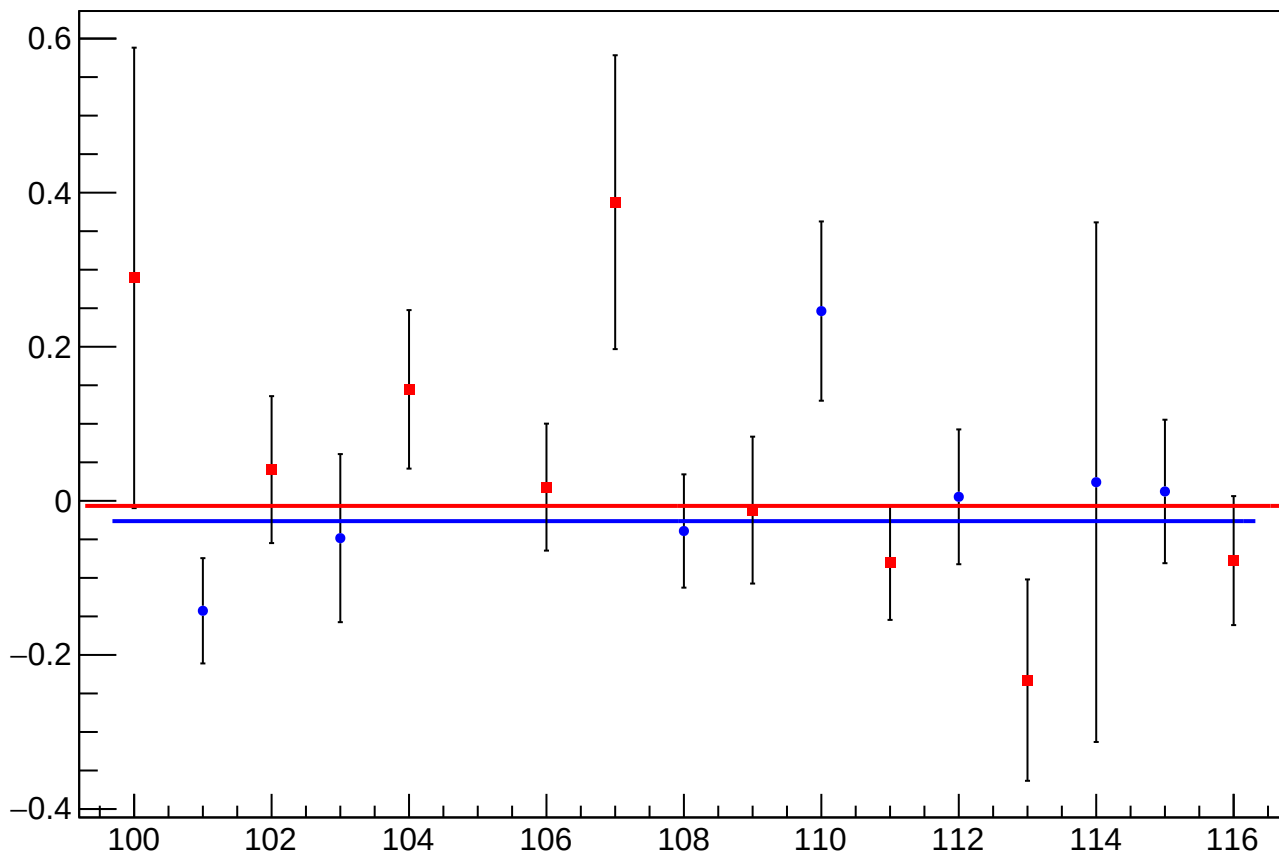
Right: 0.002+/-0.000 χ^2/NDF : 4821833.2/15

In: 0.001+/-0.000 χ^2/NDF : 2229393.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4821833.2/15

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.035 χ^2 /NDF: 8.8/6

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

Right Out: -0.007 $\pm$ 0.034 χ^2 /NDF: 12.4/8

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

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

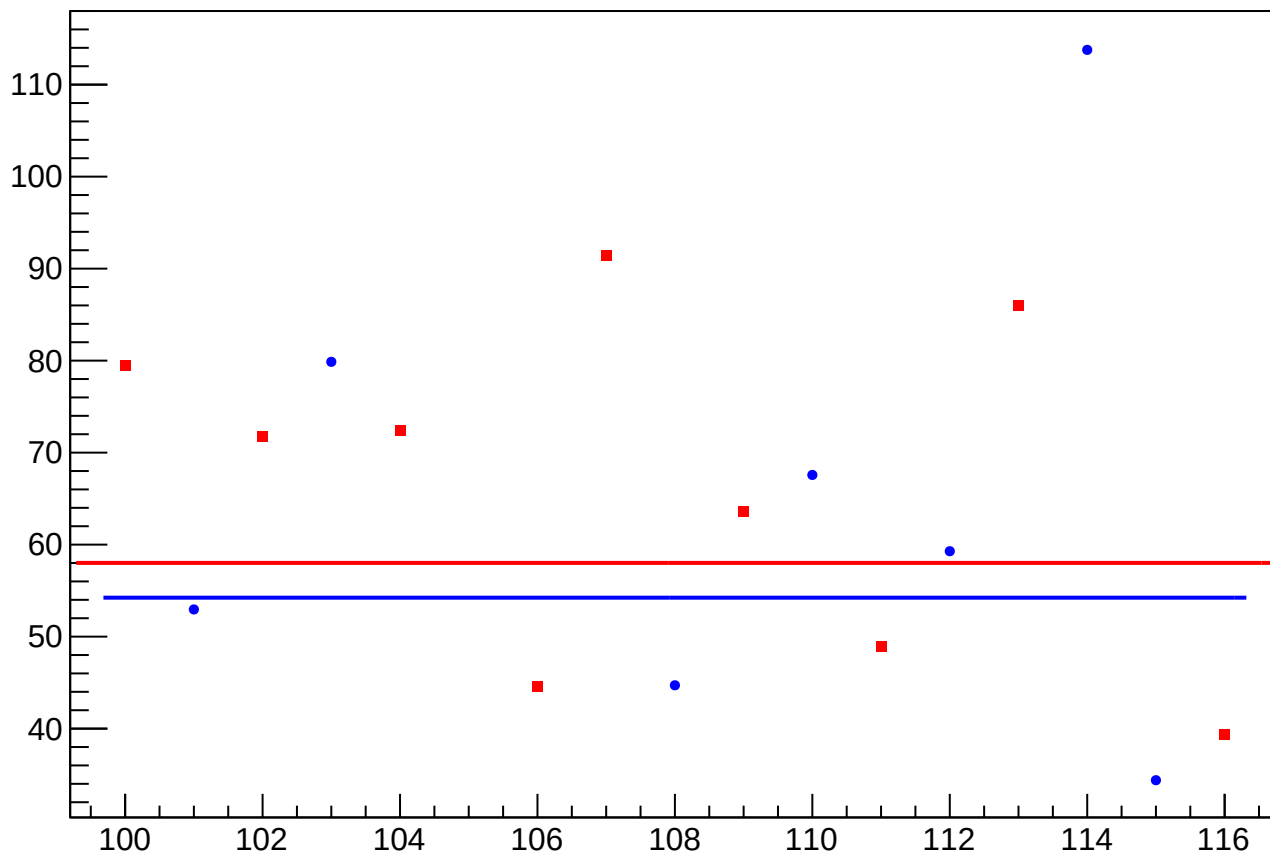
Right: -0.016 $\pm$ 0.024 χ^2 /NDF: 21.4/15

In: -0.026 $\pm$ 0.035 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.024 χ^2 /NDF: 21.4/15

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.234+/-0.025 χ^2/NDF : 330828.5/6

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

Right Out: 58.015+/-0.024 χ^2/NDF : 432363.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

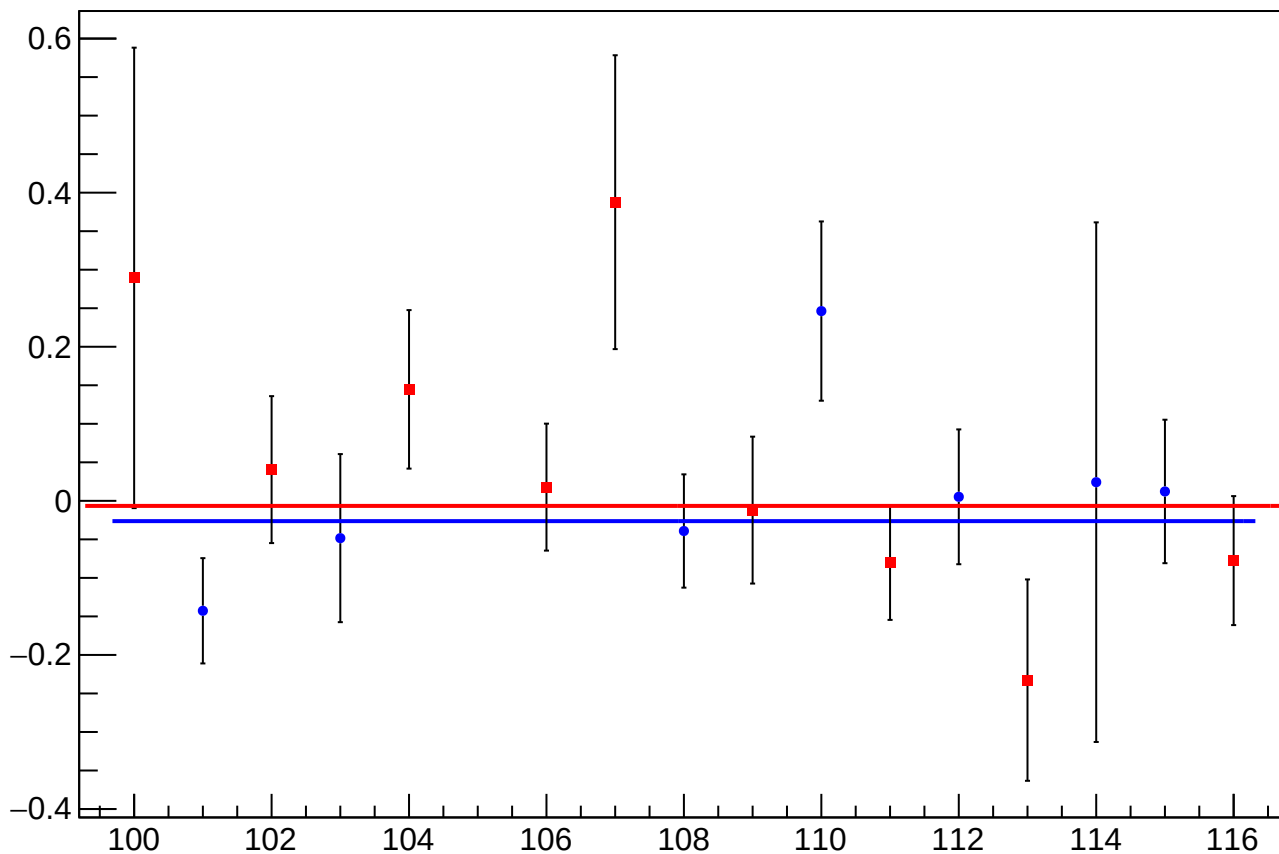
Right: 56.203+/-0.017 χ^2/NDF : 775276.9/15

In: 54.234+/-0.025 χ^2/NDF : 330828.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.203+/-0.017 χ^2/NDF : 775276.9/15

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.035 χ^2/NDF : 8.8/6

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

Right Out: -0.007 ± 0.034 χ^2/NDF : 12.4/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

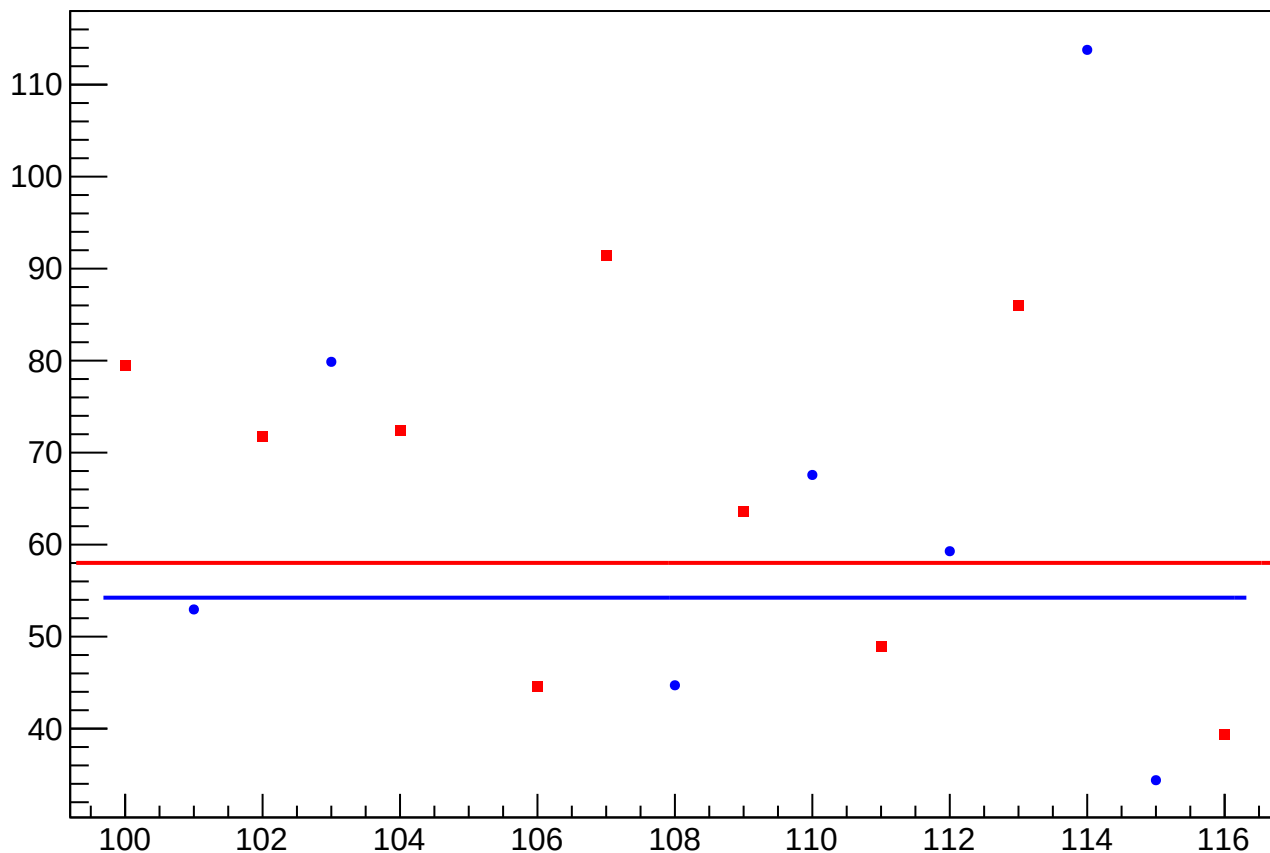
Right: -0.016 ± 0.024 χ^2/NDF : 21.4/15

In: -0.026 ± 0.035 χ^2/NDF : 8.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.024 χ^2/NDF : 21.4/15

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.234+/-0.025 χ^2/NDF : 330828.5/6

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

Right Out: 58.015+/-0.024 χ^2/NDF : 432363.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

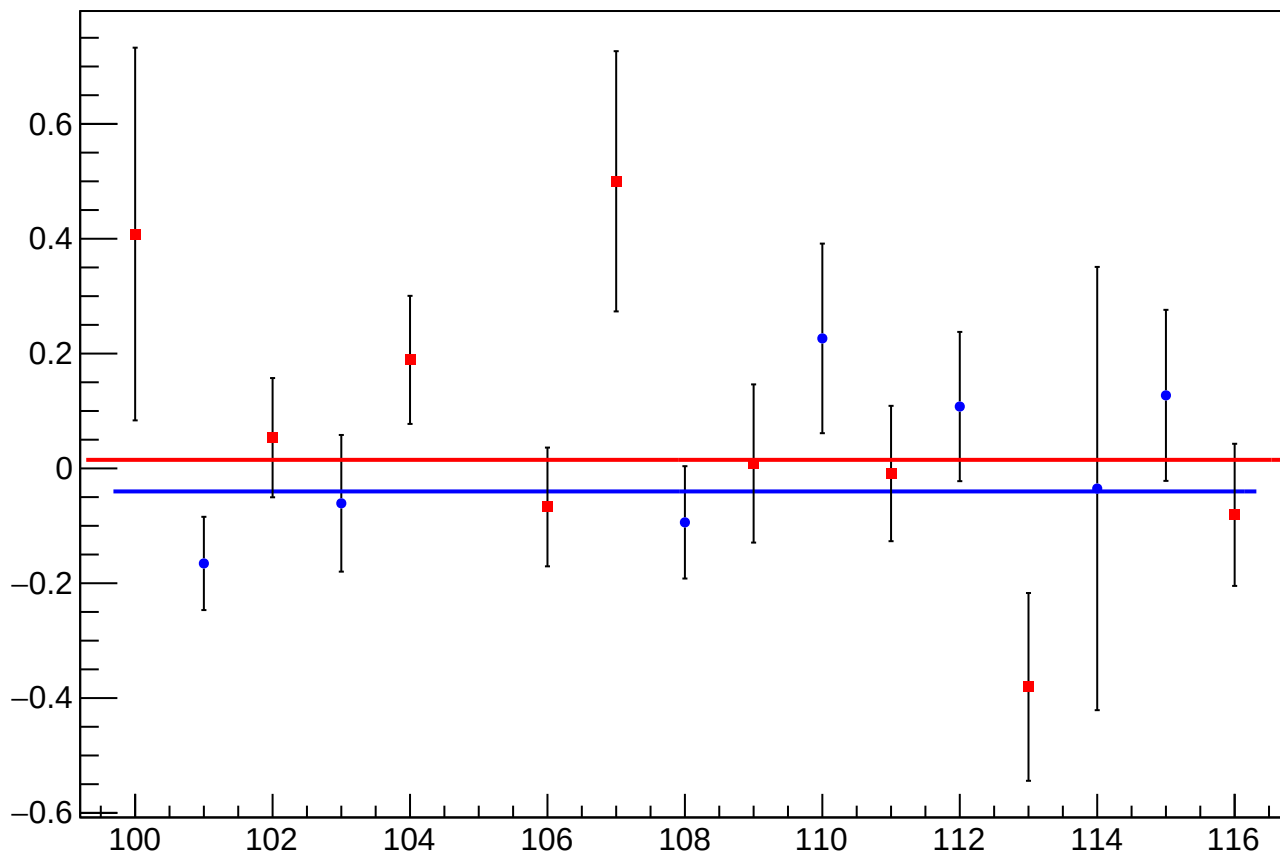
Right: 56.203+/-0.017 χ^2/NDF : 775276.9/15

In: 54.234+/-0.025 χ^2/NDF : 330828.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.203+/-0.017 χ^2/NDF : 775276.9/15

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.046 χ^2 /NDF: 7.9/6

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

Right Out: 0.015 $\pm$ 0.044 χ^2 /NDF: 15.7/8

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

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

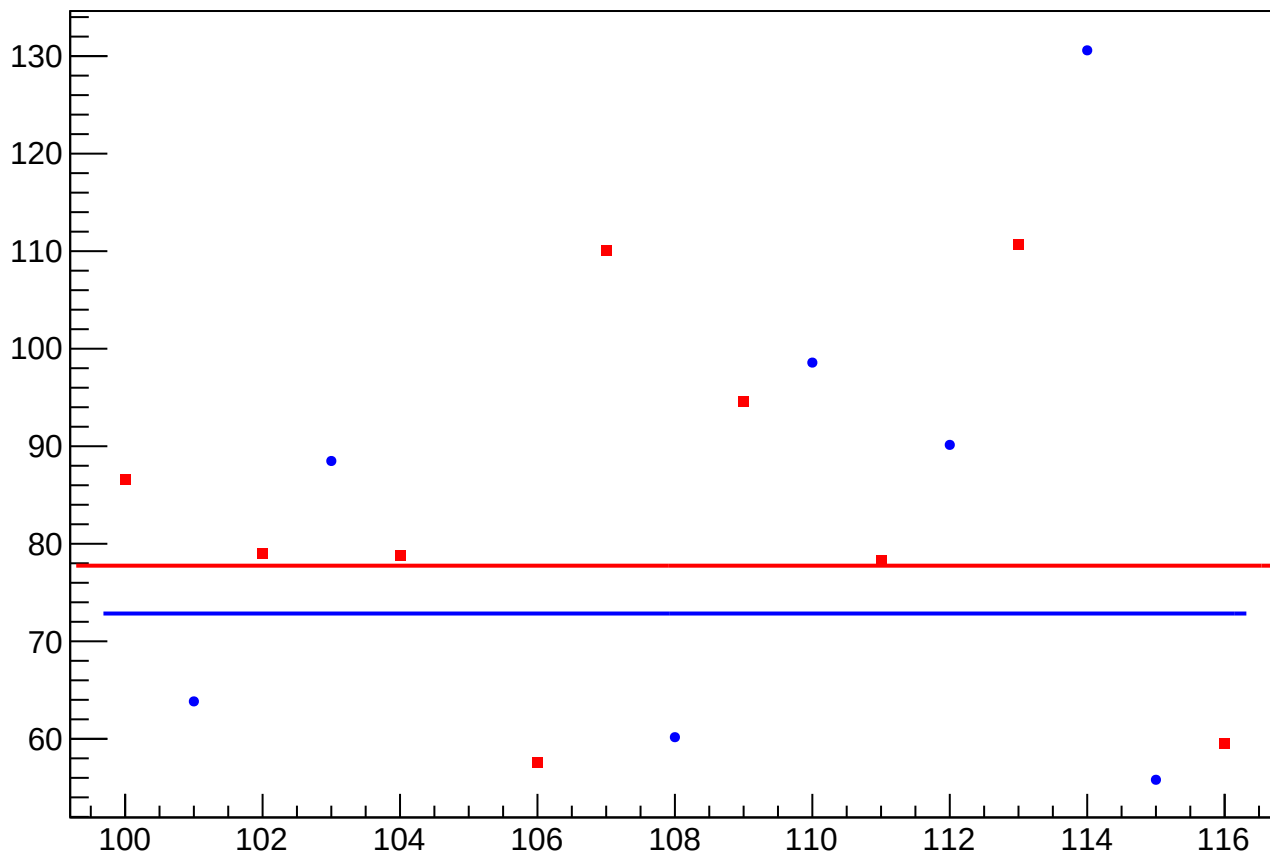
Right: -0.011 $\pm$ 0.032 χ^2 /NDF: 24.4/15

In: -0.040 $\pm$ 0.046 χ^2 /NDF:7.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.032 χ^2 /NDF: 24.4/15

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.849 $\pm$ 0.032 χ^2 /NDF: 247652.1/6

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

Right Out: 77.754 $\pm$ 0.031 χ^2 /NDF: 272994.5/8

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

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

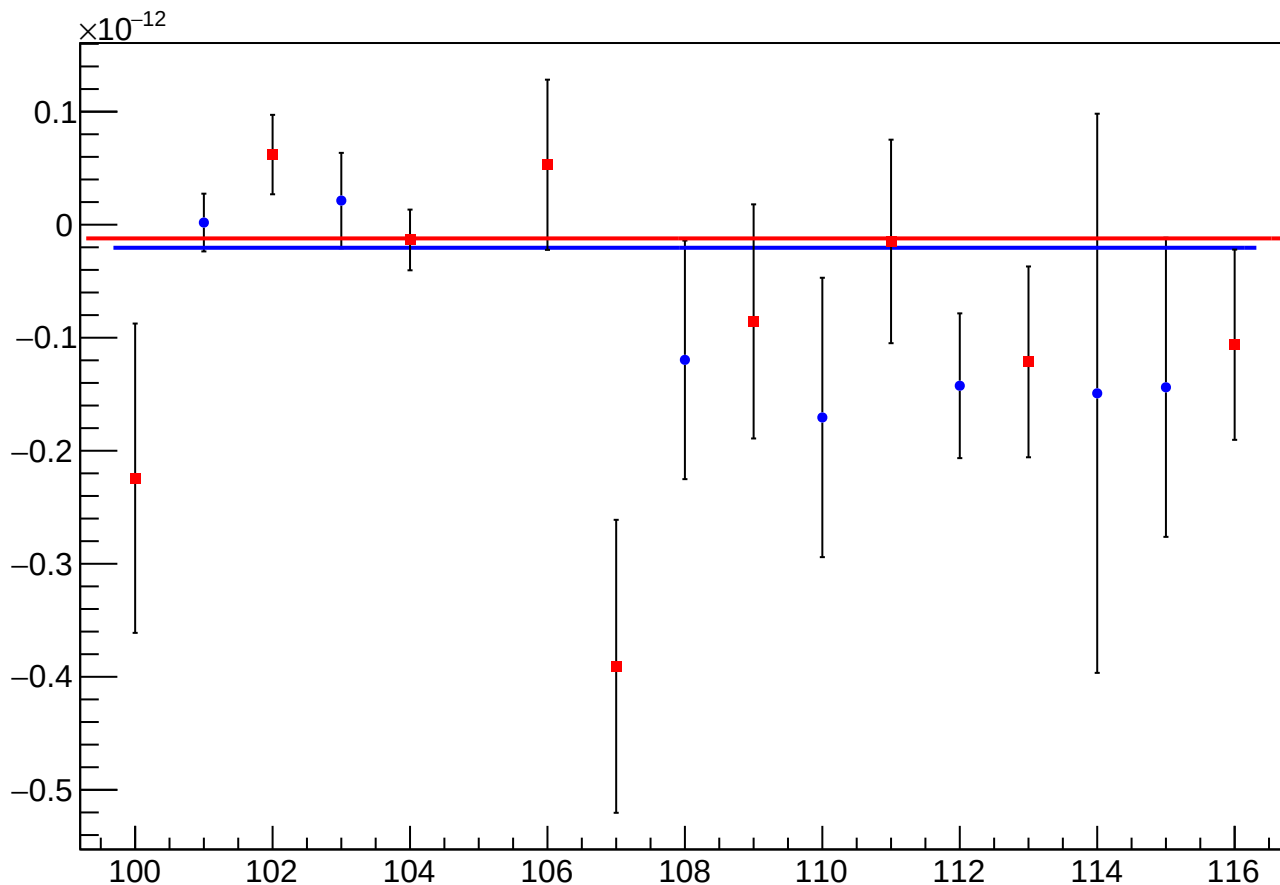
Right: 75.421 $\pm$ 0.022 χ^2 /NDF: 532616.0/15

In: 72.849 $\pm$ 0.032 χ^2 /NDF:247652.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.421 $\pm$ 0.022 χ^2 /NDF: 532616.0/15

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.9/6

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

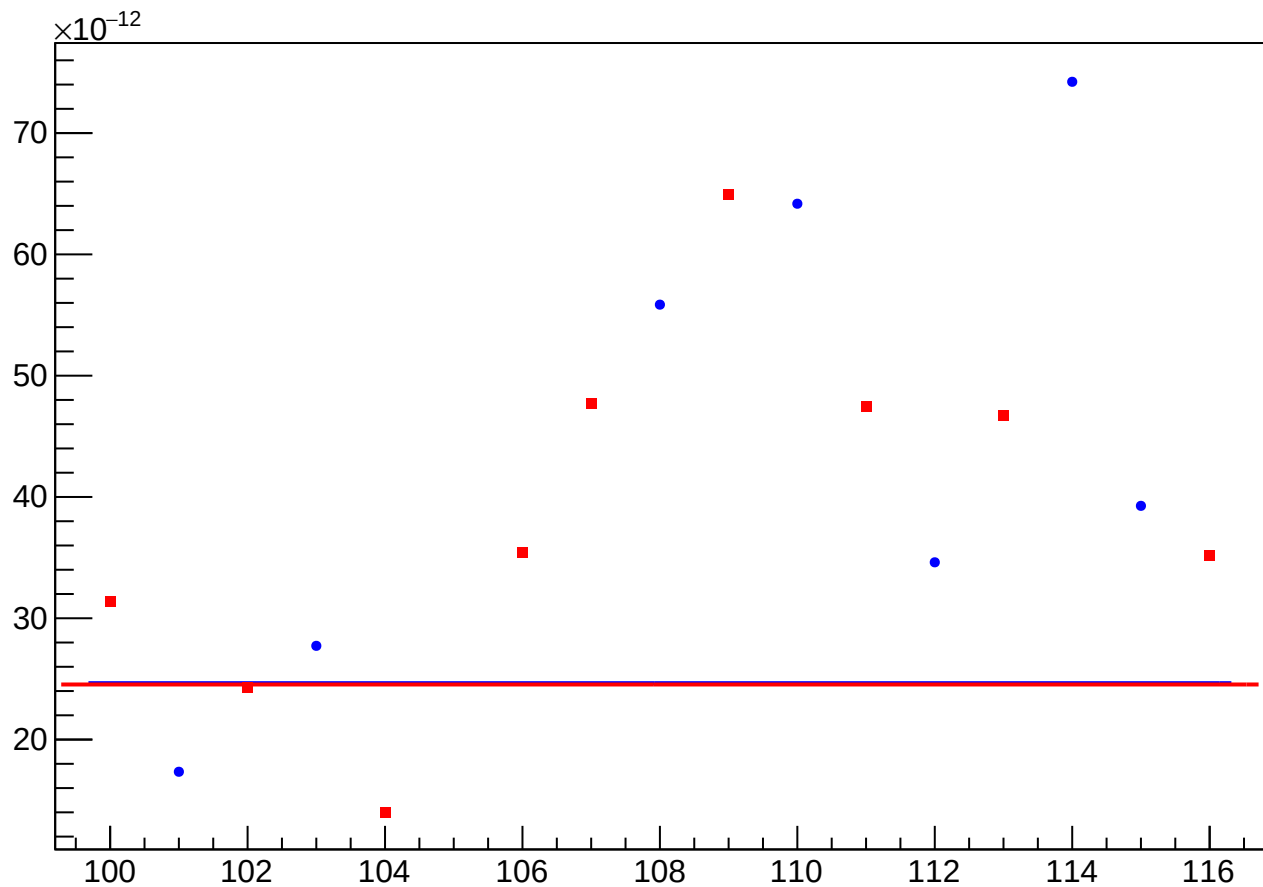
Right: -0.000+/-0.000 χ^2 /NDF: 28.5/15

In: -0.000+/-0.000 χ^2 /NDF:8.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.5/15

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 706840.0/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1023391.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

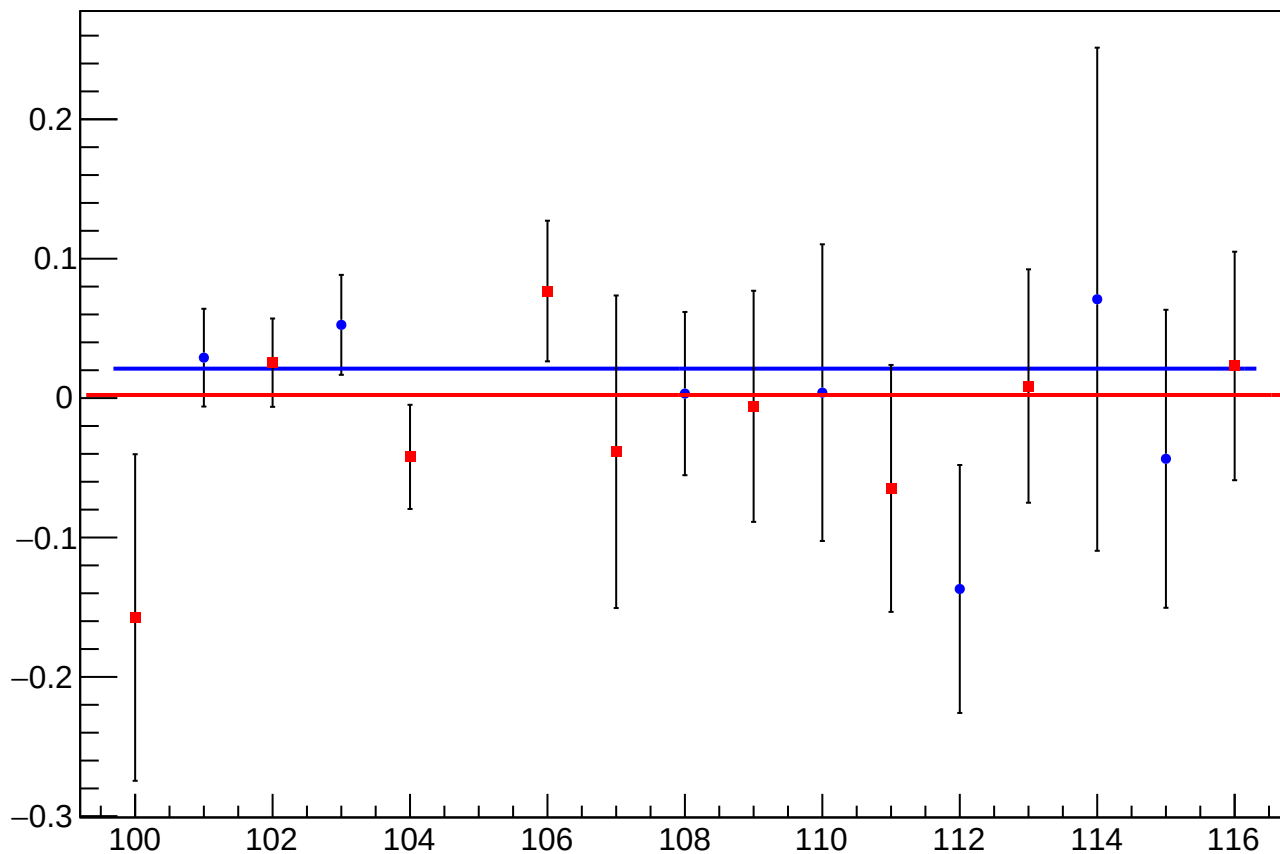
Right: 0.000+/-0.000 χ^2/NDF : 1730264.0/15

In: 0.000+/-0.000 χ^2/NDF : 706840.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1730264.0/15

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.021 χ^2/NDF : 4.5/6

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

Right Out: 0.002+/-0.019 χ^2/NDF : 6.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

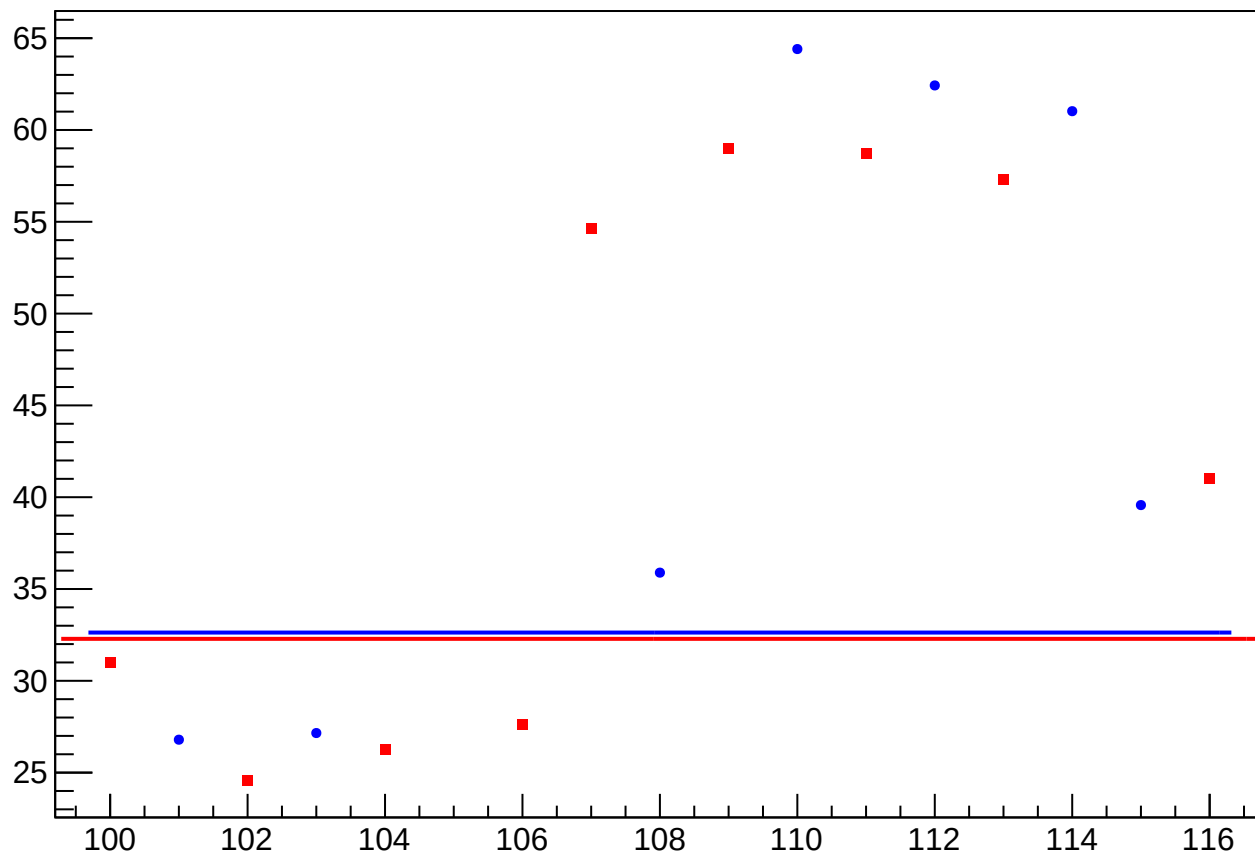
Right: 0.011+/-0.014 χ^2/NDF : 11.8/15

In: 0.021+/-0.021 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 11.8/15

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.628+/-0.015 χ^2/NDF : 569154.2/6

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

Right Out: 32.286+/-0.013 χ^2/NDF : 854960.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

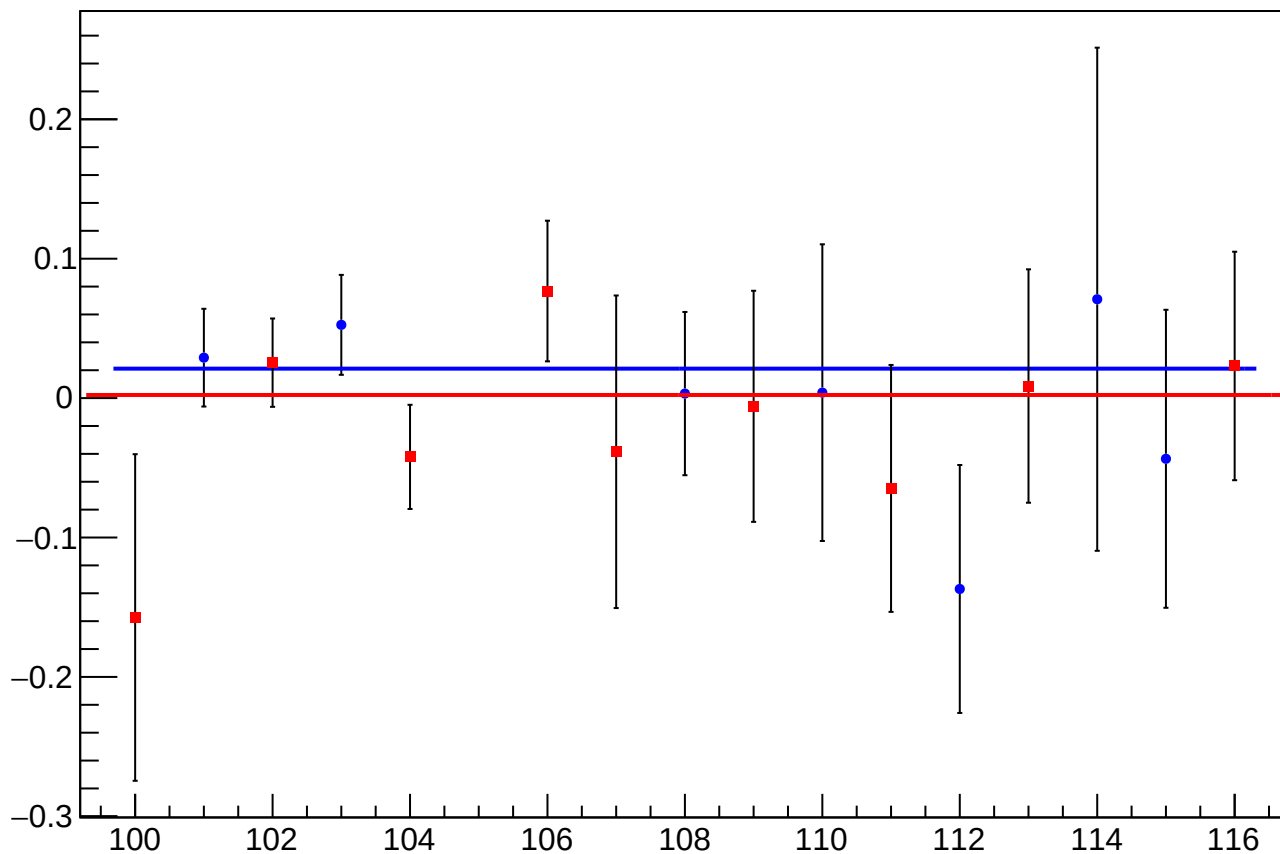
Right: 32.436+/-0.010 χ^2/NDF : 1424406.2/15

In: 32.628+/-0.015 χ^2/NDF : 569154.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.436+/-0.010 χ^2/NDF : 1424406.2/15

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.021 χ^2 /NDF: 4.5/6

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

Right Out: 0.002 $\pm$ 0.019 χ^2 /NDF: 6.8/8

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

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

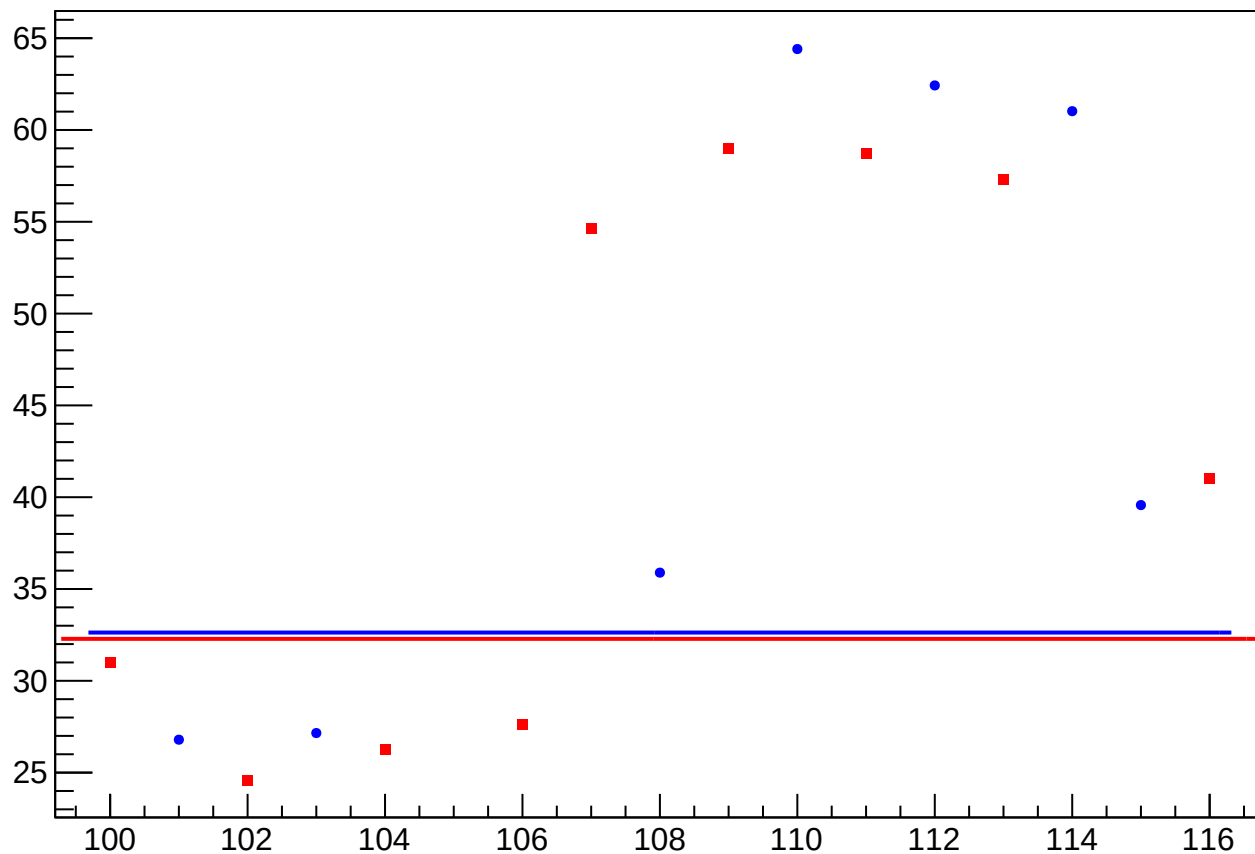
Right: 0.011 $\pm$ 0.014 χ^2 /NDF: 11.8/15

In: 0.021 $\pm$ 0.021 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.014 χ^2 /NDF: 11.8/15

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.628+/-0.015 χ^2/NDF : 569154.2/6

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

Right Out: 32.286+/-0.013 χ^2/NDF : 854960.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

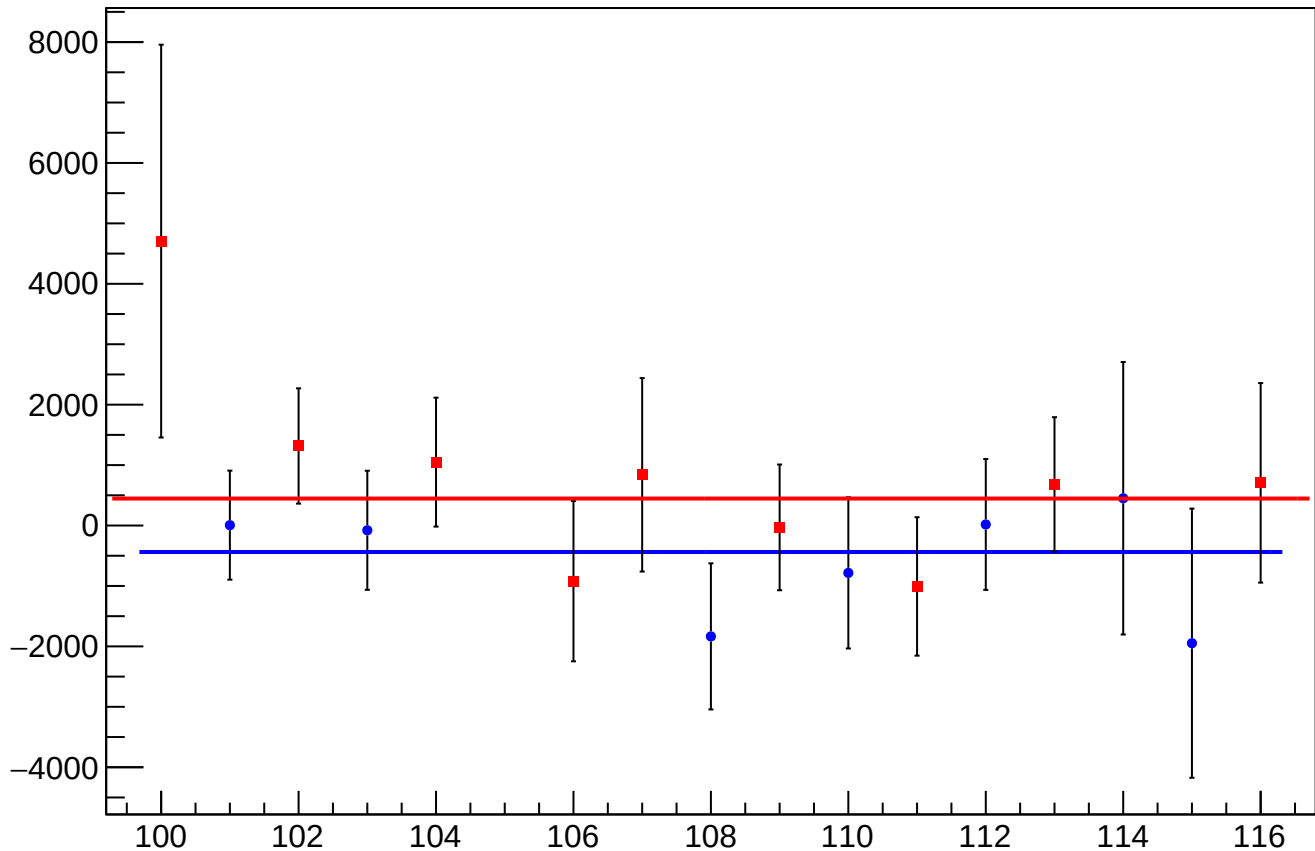
Right: 32.436+/-0.010 χ^2/NDF : 1424406.2/15

In: 32.628+/-0.015 χ^2/NDF : 569154.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.436+/-0.010 χ^2/NDF : 1424406.2/15

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -438.141+/-454.887 χ^2/NDF : 2.6/6

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

Right Out: 446.685+/-411.921 χ^2/NDF : 5.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

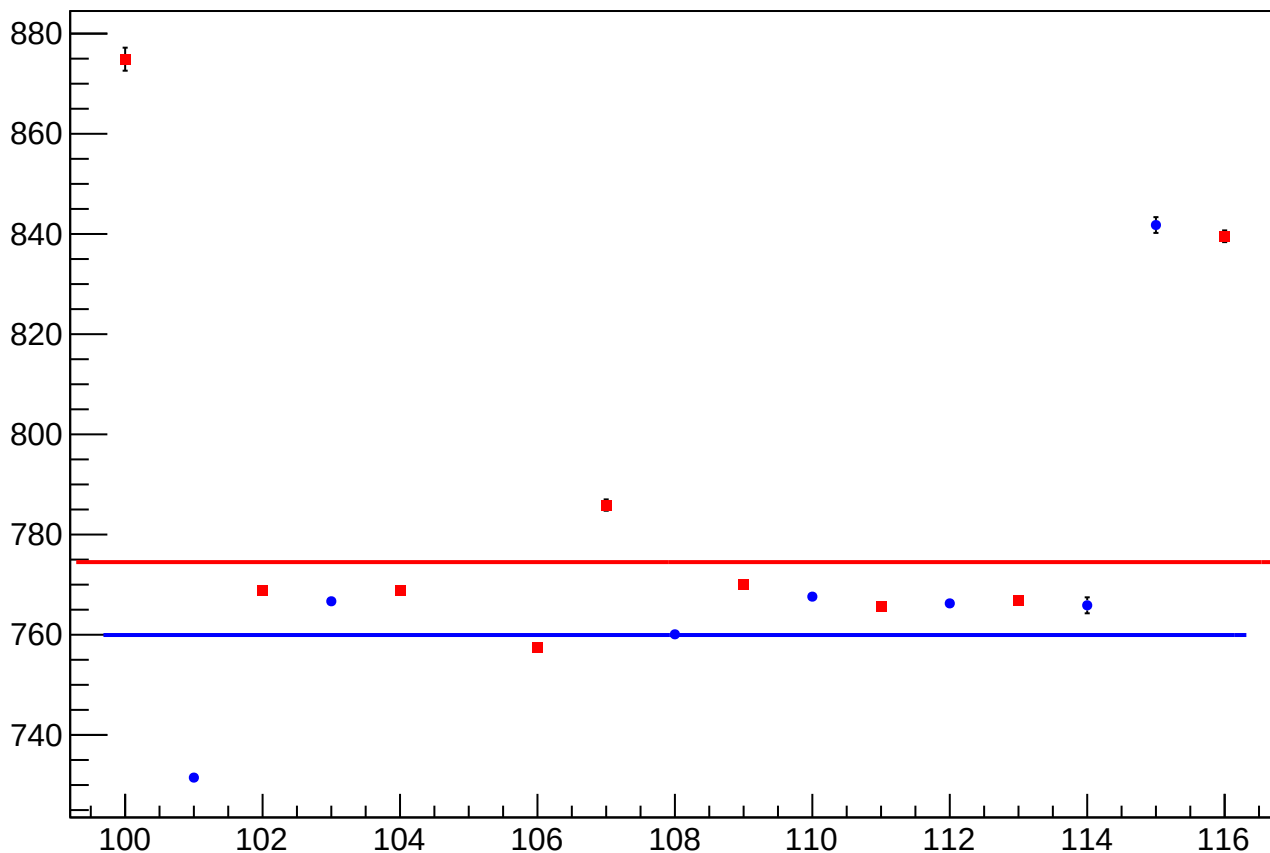
Right: 48.023+/-305.335 χ^2/NDF : 10.5/15

In: -438.141+/-454.887 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.023+/-305.335 χ^2/NDF : 10.5/15

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 759.945 $\pm$ 0.322 χ^2 /NDF: 4941.6/6

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

Right Out: 774.499 $\pm$ 0.291 χ^2 /NDF: 5816.4/8

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

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

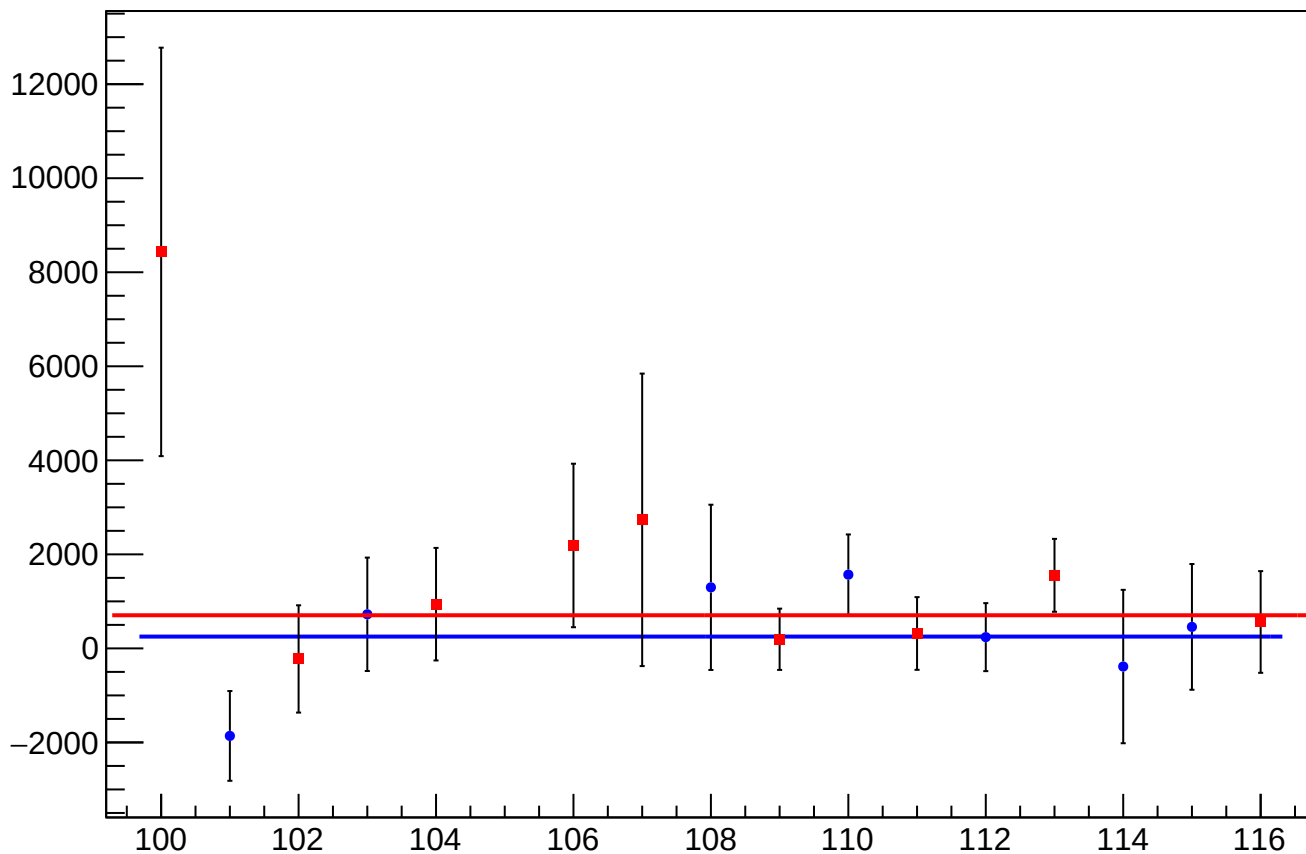
Right: 767.942 $\pm$ 0.216 χ^2 /NDF: 11882.9/15

In: 759.945 $\pm$ 0.322 χ^2 /NDF:4941.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 767.942 $\pm$ 0.216 χ^2 /NDF: 11882.9/15

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 251.331+/-397.664 χ^2/NDF : 8.0/6

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

Right Out: 704.793+/-342.983 χ^2/NDF : 7.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

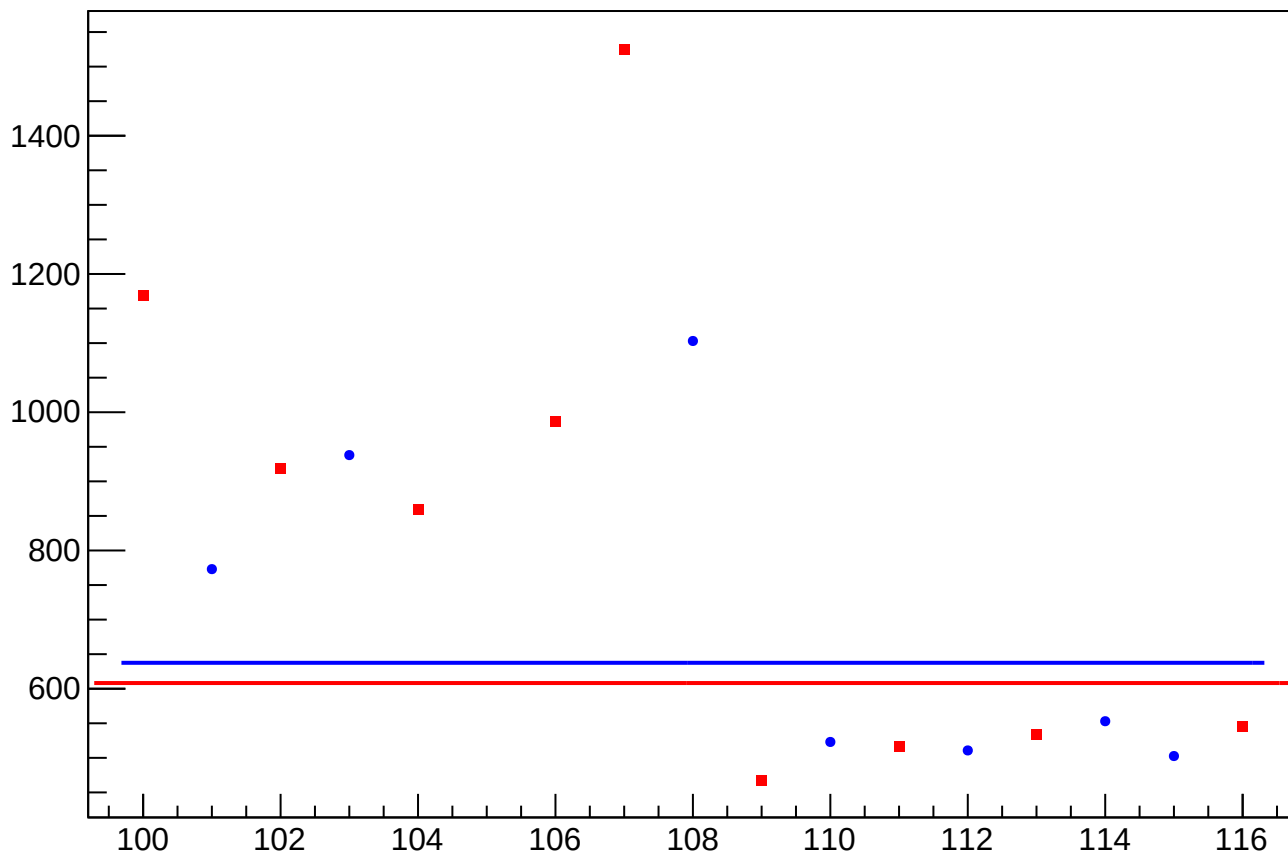
Right: 511.359+/-259.724 χ^2/NDF : 15.8/15

In: 251.331+/-397.664 χ^2/NDF : 8.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.359+/-259.724 χ^2/NDF : 15.8/15

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 637.516+/-0.281 χ^2/NDF : 427943.1/6

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

Right Out: 608.235+/-0.243 χ^2/NDF : 685286.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

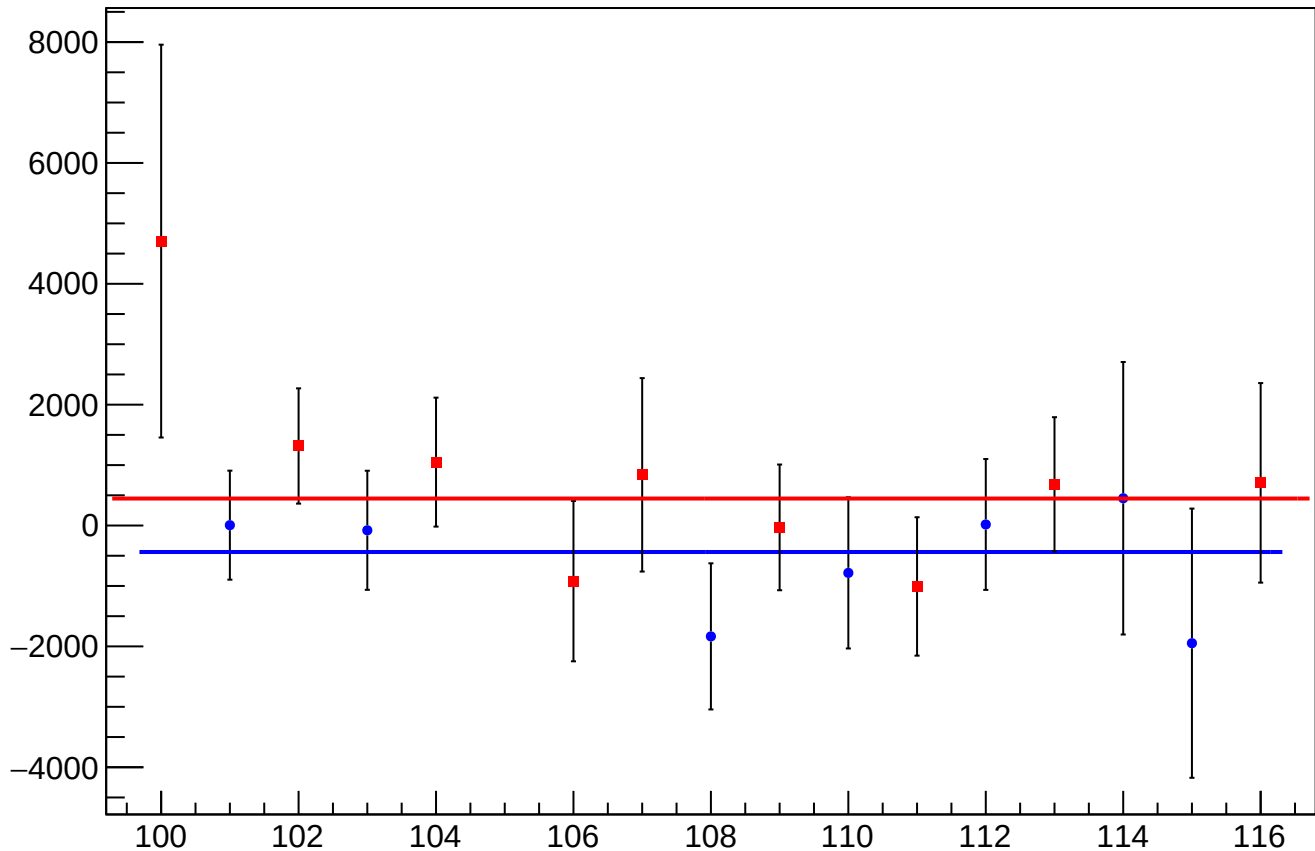
Right: 620.726+/-0.184 χ^2/NDF : 1119447.4/15

In: 637.516+/-0.281 χ^2/NDF : 427943.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.726+/-0.184 χ^2/NDF : 1119447.4/15

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -438.141+/-454.887 χ^2/NDF : 2.6/6

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

Right Out: 446.685+/-411.921 χ^2/NDF : 5.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

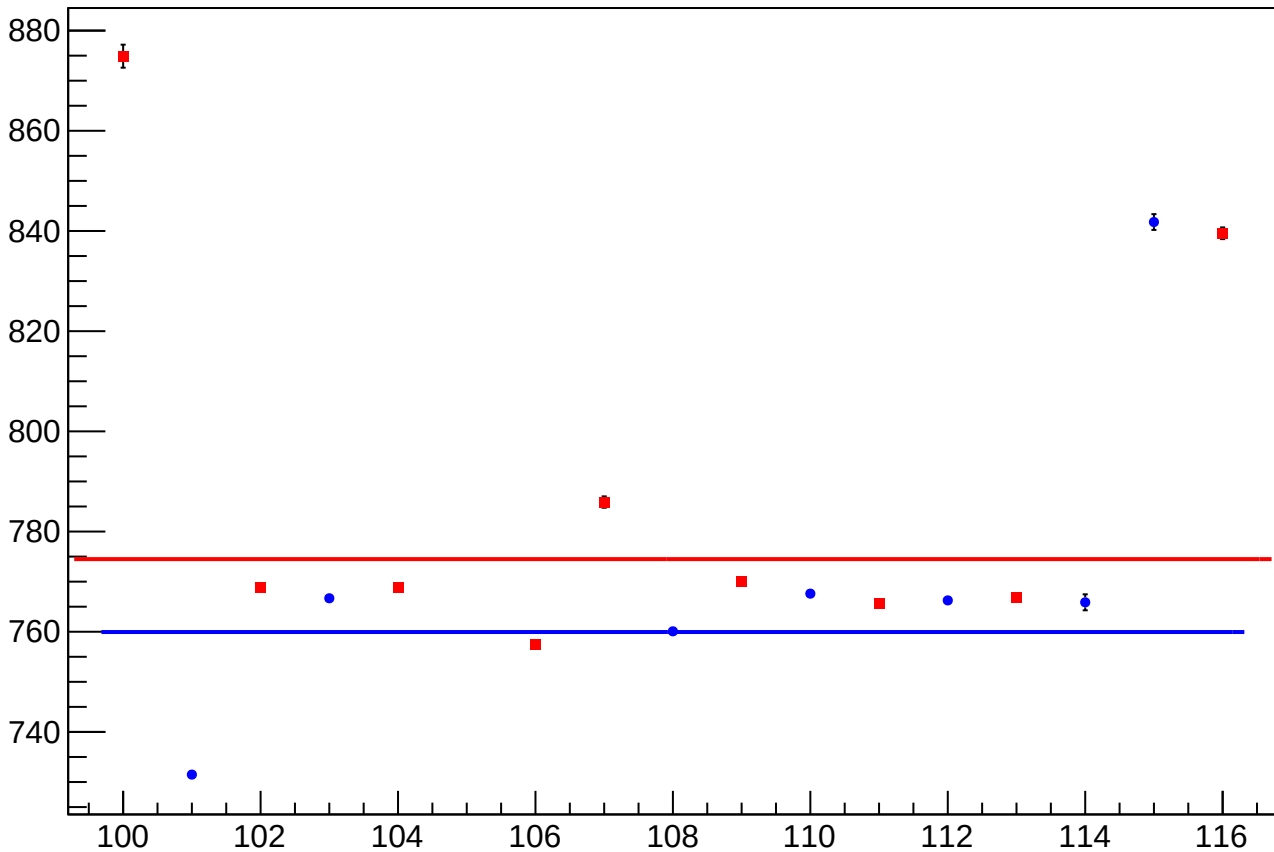
Right: 48.023+/-305.335 χ^2/NDF : 10.5/15

In: -438.141+/-454.887 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.023+/-305.335 χ^2/NDF : 10.5/15

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 759.945 $\pm$ 0.322 χ^2 /NDF: 4941.6/6

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

Right Out: 774.499 $\pm$ 0.291 χ^2 /NDF: 5816.4/8

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

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

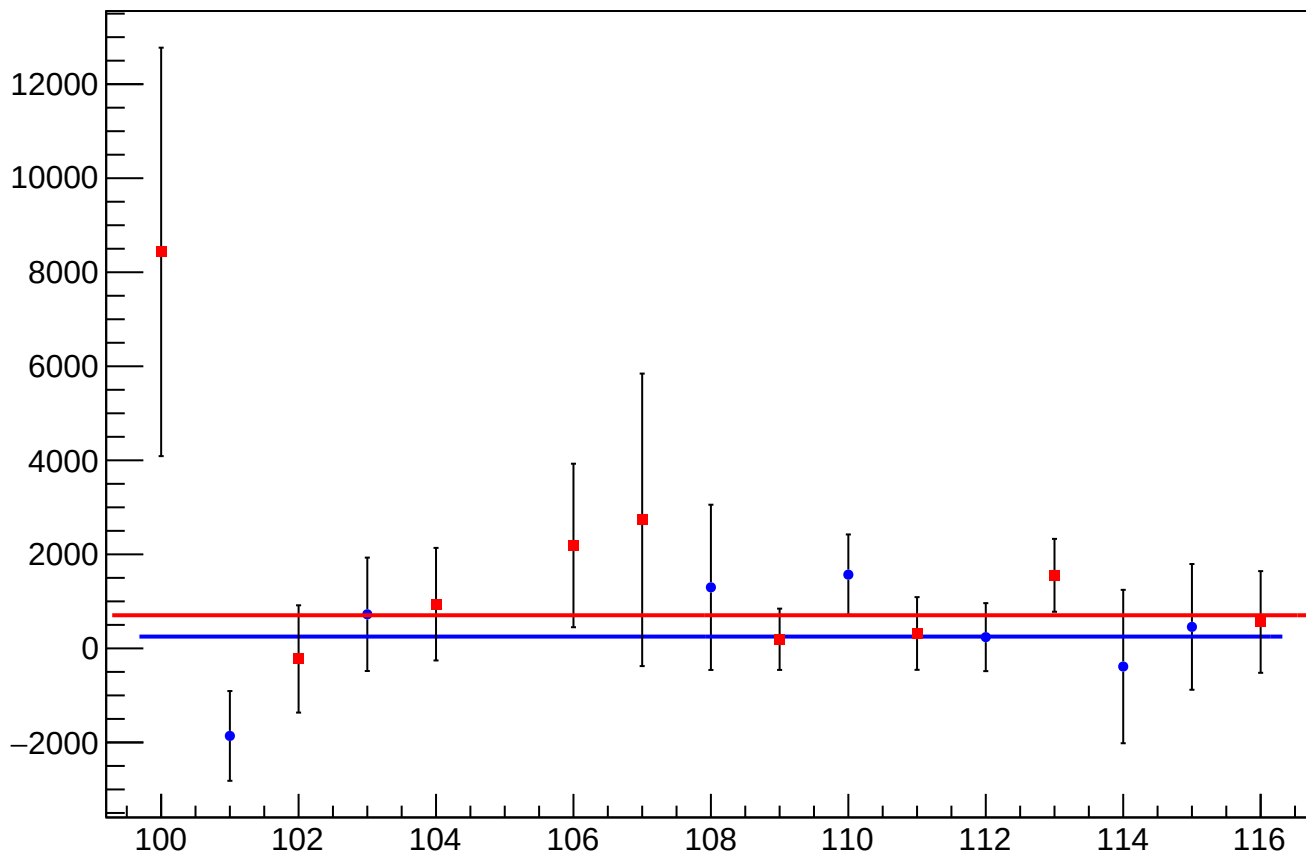
Right: 767.942 $\pm$ 0.216 χ^2 /NDF: 11882.9/15

In: 759.945 $\pm$ 0.322 χ^2 /NDF:4941.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 767.942 $\pm$ 0.216 χ^2 /NDF: 11882.9/15

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 251.331+/-397.664 χ^2/NDF : 8.0/6

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

Right Out: 704.793+/-342.983 χ^2/NDF : 7.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

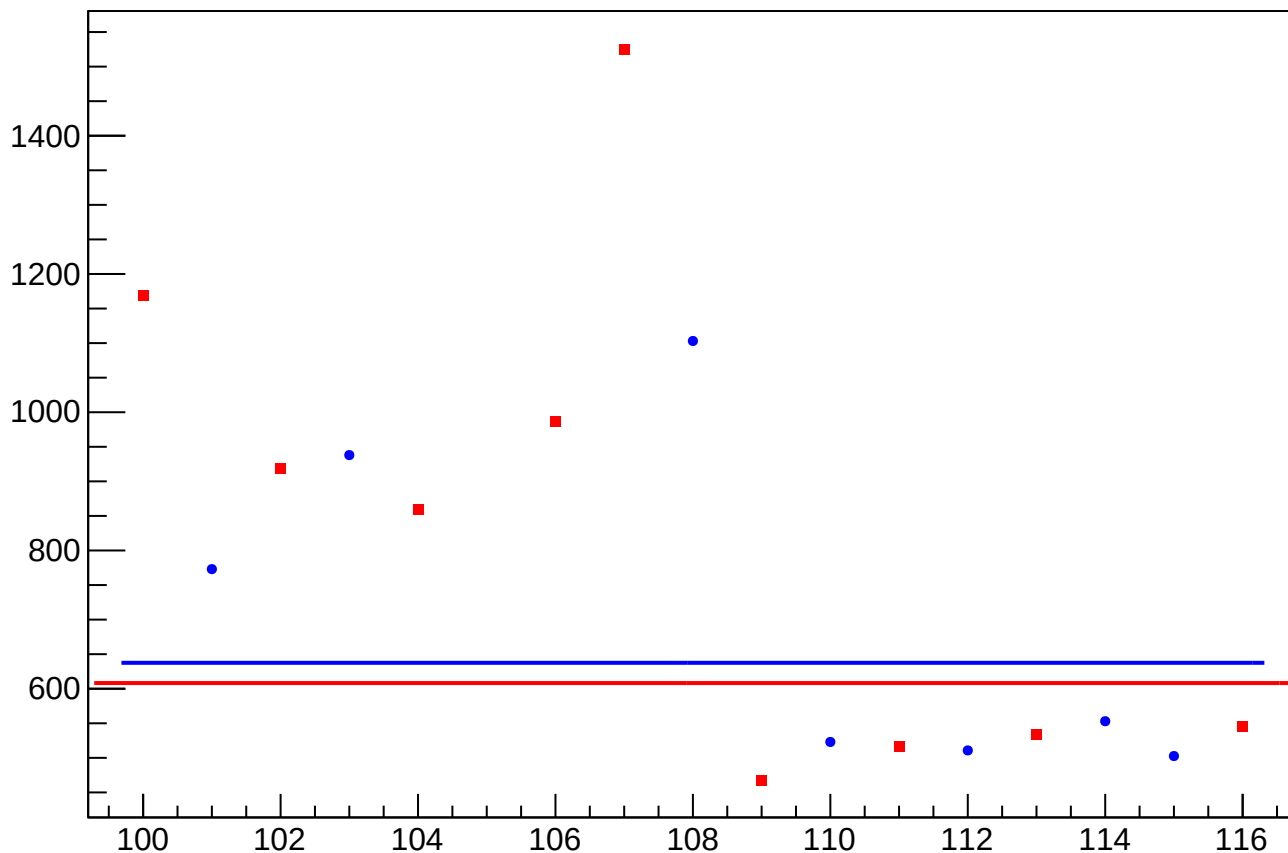
Right: 511.359+/-259.724 χ^2/NDF : 15.8/15

In: 251.331+/-397.664 χ^2/NDF : 8.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.359+/-259.724 χ^2/NDF : 15.8/15

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.516+/-0.281 χ^2/NDF : 427943.1/6

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

Right Out: 608.235+/-0.243 χ^2/NDF : 685286.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

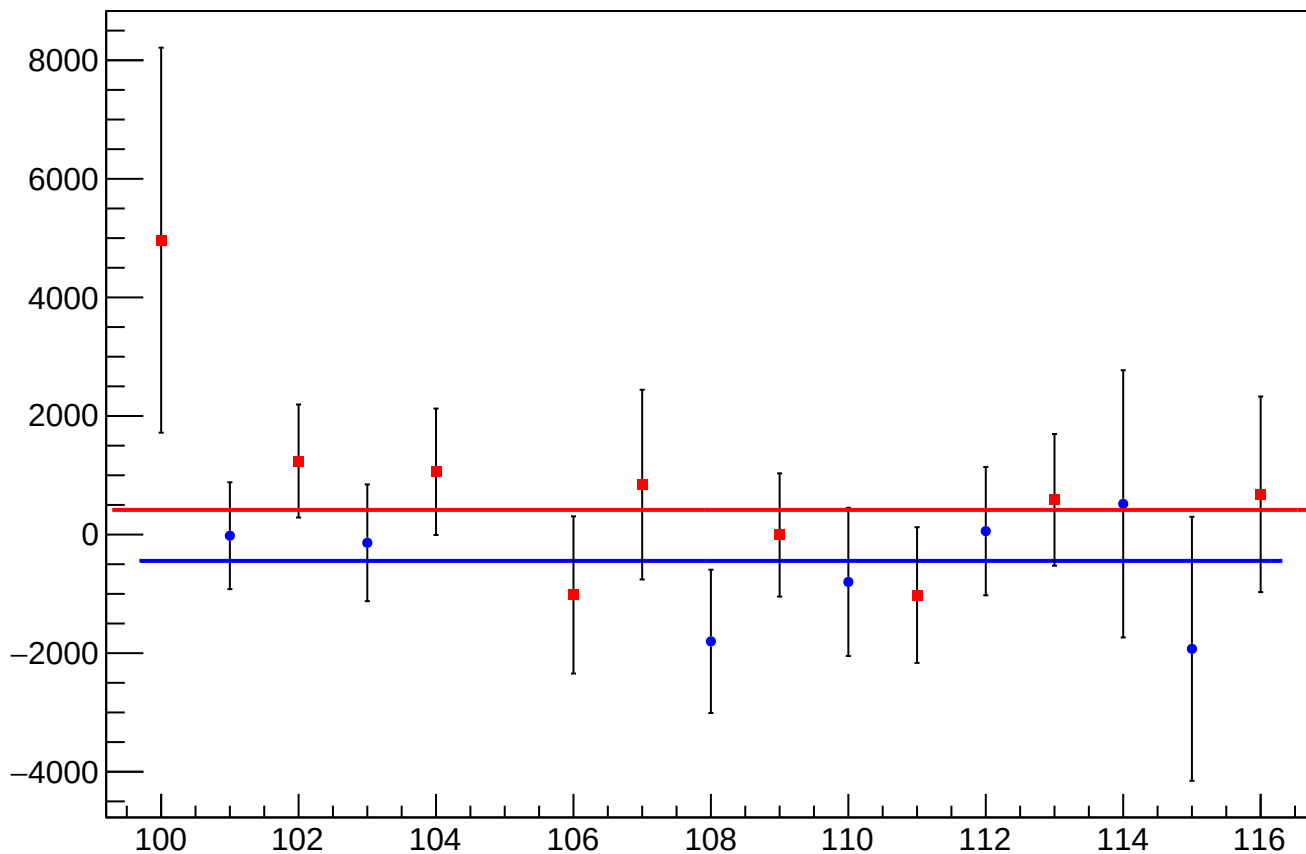
Right: 620.726+/-0.184 χ^2/NDF : 1119447.4/15

In: 637.516+/-0.281 χ^2/NDF : 427943.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.726+/-0.184 χ^2/NDF : 1119447.4/15

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -443.739+/-454.459 χ^2/NDF : 2.5/6

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

Right Out: 416.455+/-411.593 χ^2/NDF : 6.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

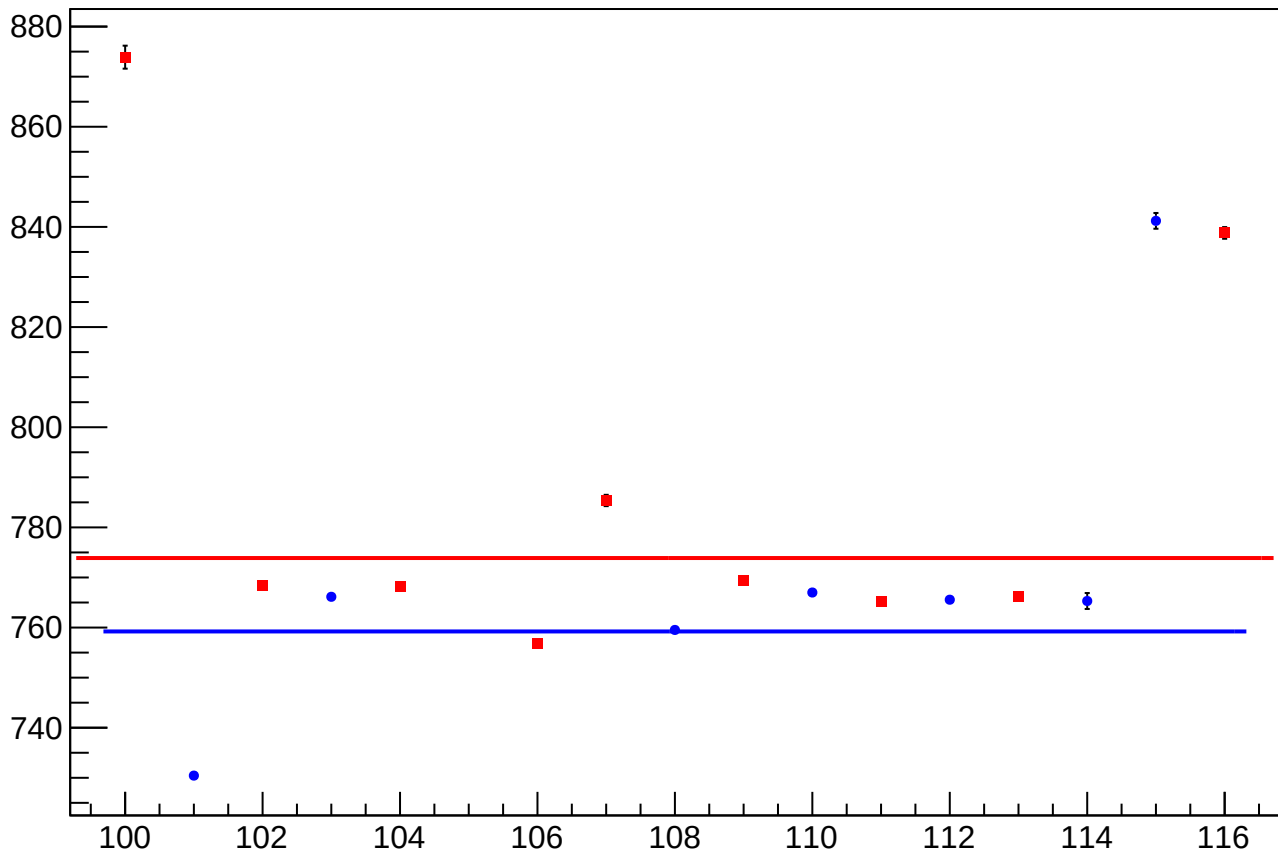
Right: 28.829+/-305.072 χ^2/NDF : 10.6/15

In: -443.739+/-454.459 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.829+/-305.072 χ^2/NDF : 10.6/15

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 759.224+/-0.321 χ^2/NDF : 5014.9/6

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

Right Out: 773.883+/-0.291 χ^2/NDF : 5802.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

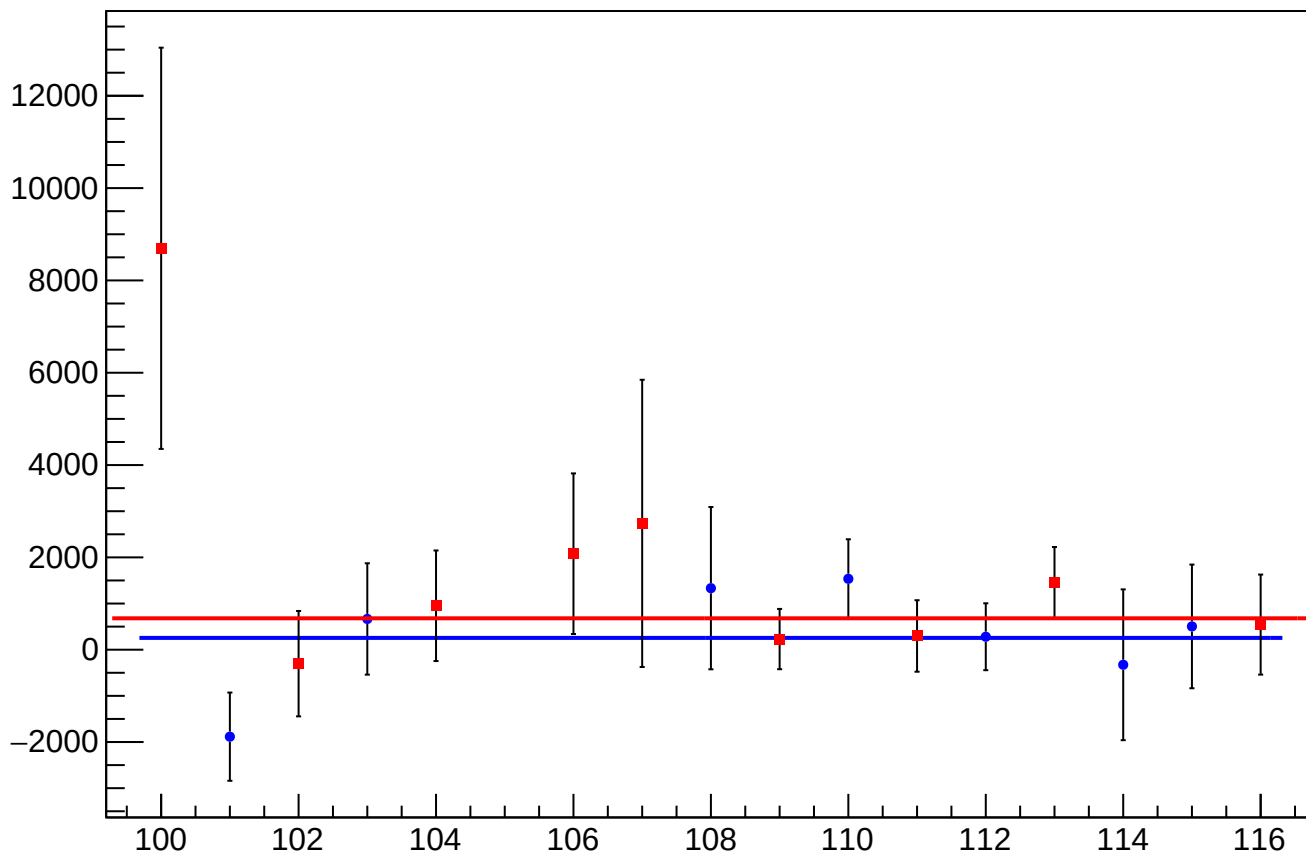
Right: 767.277+/-0.216 χ^2/NDF : 11960.9/15

In: 759.224+/-0.321 χ^2/NDF : 5014.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.277+/-0.216 χ^2/NDF : 11960.9/15

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 255.728+/-398.281 χ^2/NDF : 7.9/6

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

Right Out: 680.020+/-343.558 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

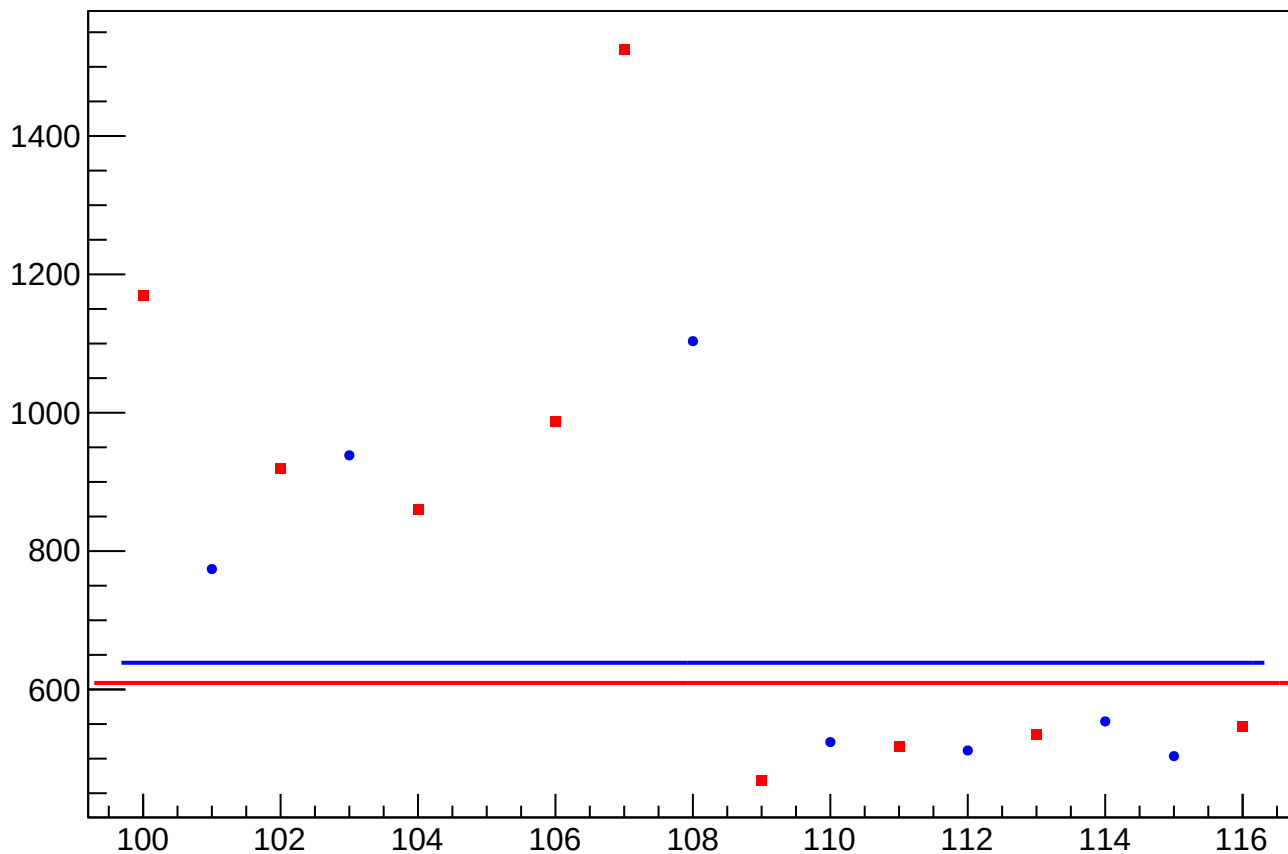
Right: 499.003+/-260.146 χ^2/NDF : 15.5/15

In: 255.728+/-398.281 χ^2/NDF :7.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 499.003+/-260.146 χ^2/NDF : 15.5/15

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 638.612+/-0.282 χ^2/NDF : 426344.1/6

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

Right Out: 609.404+/-0.243 χ^2/NDF : 682687.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

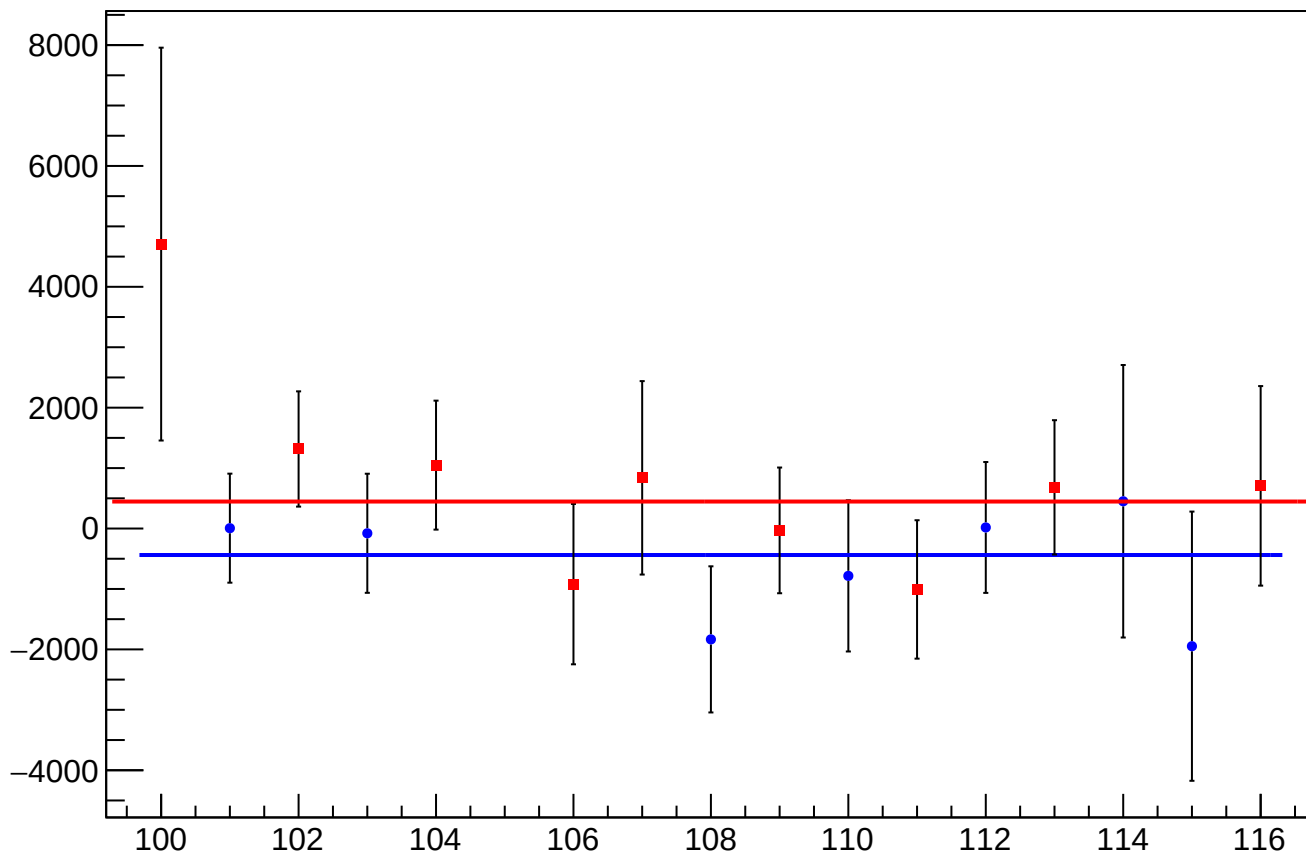
Right: 621.865+/-0.184 χ^2/NDF : 1115199.2/15

In: 638.612+/-0.282 χ^2/NDF : 426344.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.865+/-0.184 χ^2/NDF : 1115199.2/15

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -438.141+/-454.887 χ^2/NDF : 2.6/6

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

Right Out: 446.685+/-411.921 χ^2/NDF : 5.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

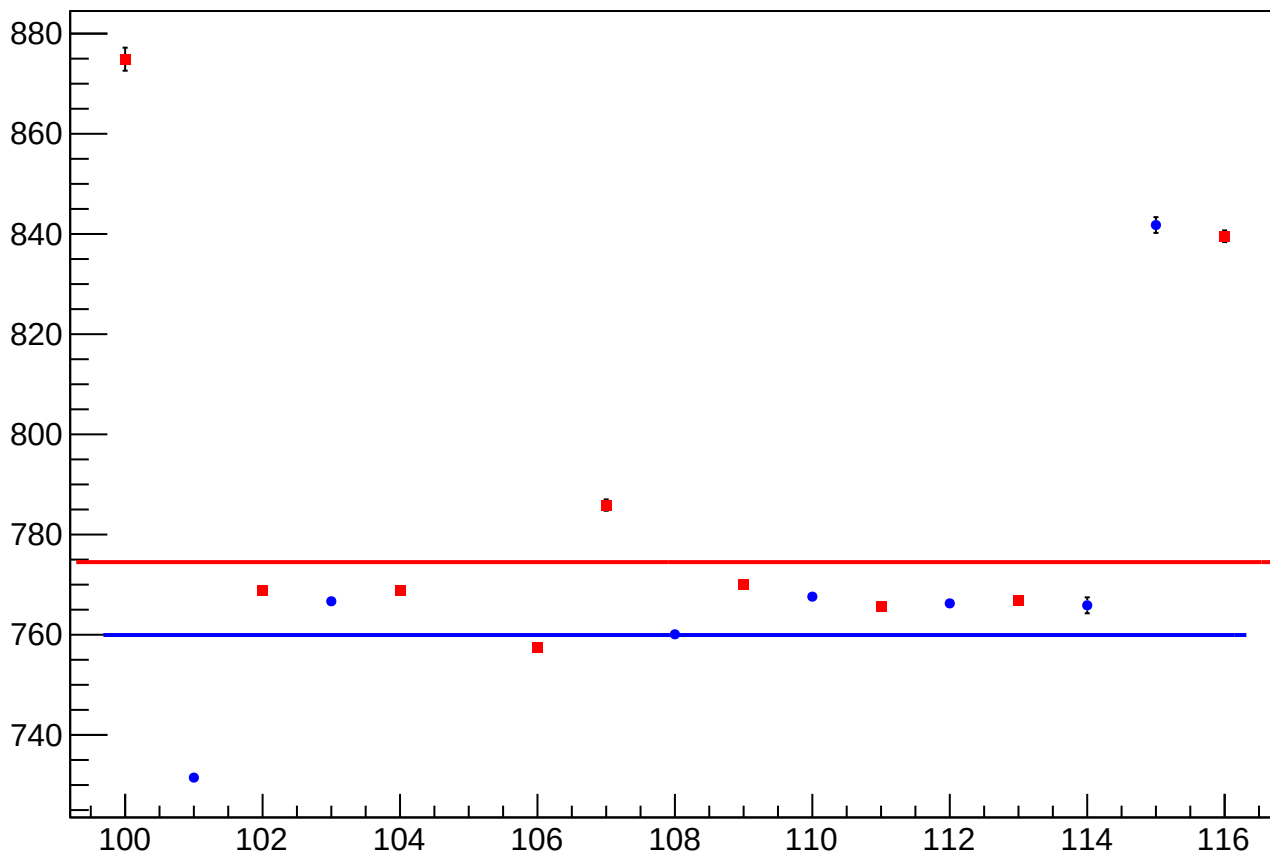
Right: 48.023+/-305.335 χ^2/NDF : 10.5/15

In: -438.141+/-454.887 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.023+/-305.335 χ^2/NDF : 10.5/15

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 759.945 $\pm$ 0.322 χ^2 /NDF: 4941.6/6

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

Right Out: 774.499 $\pm$ 0.291 χ^2 /NDF: 5816.4/8

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

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

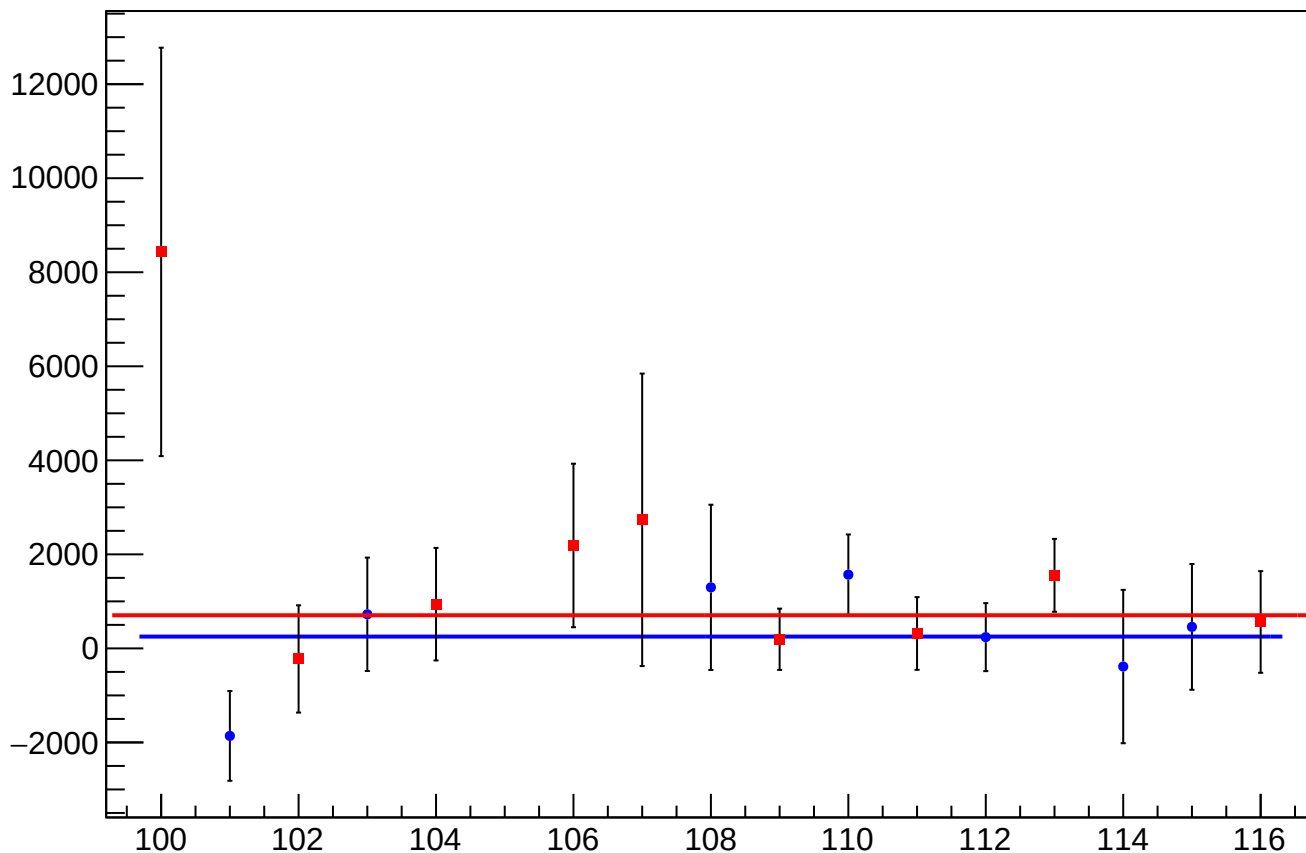
Right: 767.942 $\pm$ 0.216 χ^2 /NDF: 11882.9/15

In: 759.945 $\pm$ 0.322 χ^2 /NDF:4941.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 767.942 $\pm$ 0.216 χ^2 /NDF: 11882.9/15

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 251.331+/-397.664 χ^2/NDF : 8.0/6

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

Right Out: 704.793+/-342.983 χ^2/NDF : 7.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

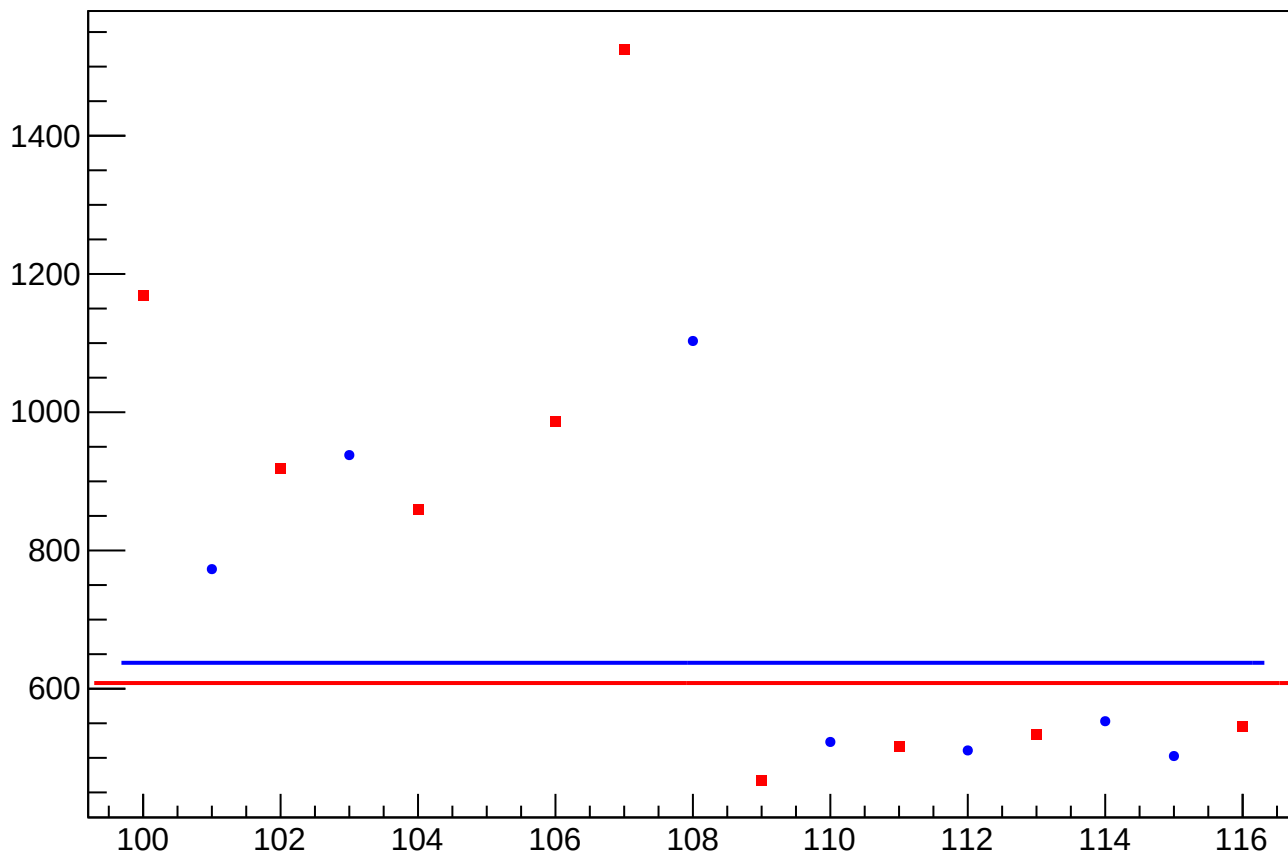
Right: 511.359+/-259.724 χ^2/NDF : 15.8/15

In: 251.331+/-397.664 χ^2/NDF : 8.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.359+/-259.724 χ^2/NDF : 15.8/15

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.516+/-0.281 χ^2/NDF : 427943.1/6

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

Right Out: 608.235+/-0.243 χ^2/NDF : 685286.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

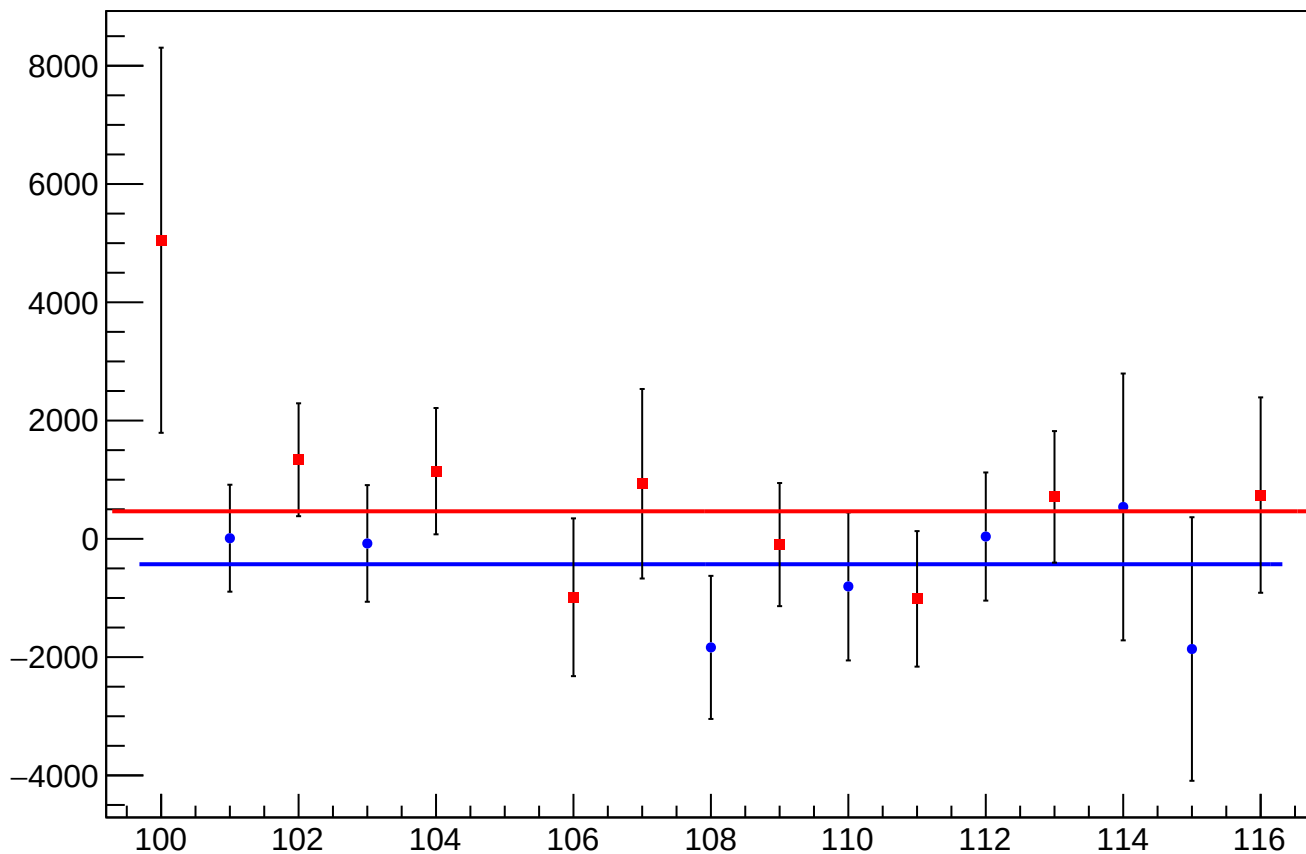
Right: 620.726+/-0.184 χ^2/NDF : 1119447.4/15

In: 637.516+/-0.281 χ^2/NDF : 427943.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.726+/-0.184 χ^2/NDF : 1119447.4/15

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -429.336+/-455.406 χ^2/NDF : 2.6/6

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

Right Out: 465.736+/-412.419 χ^2/NDF : 6.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

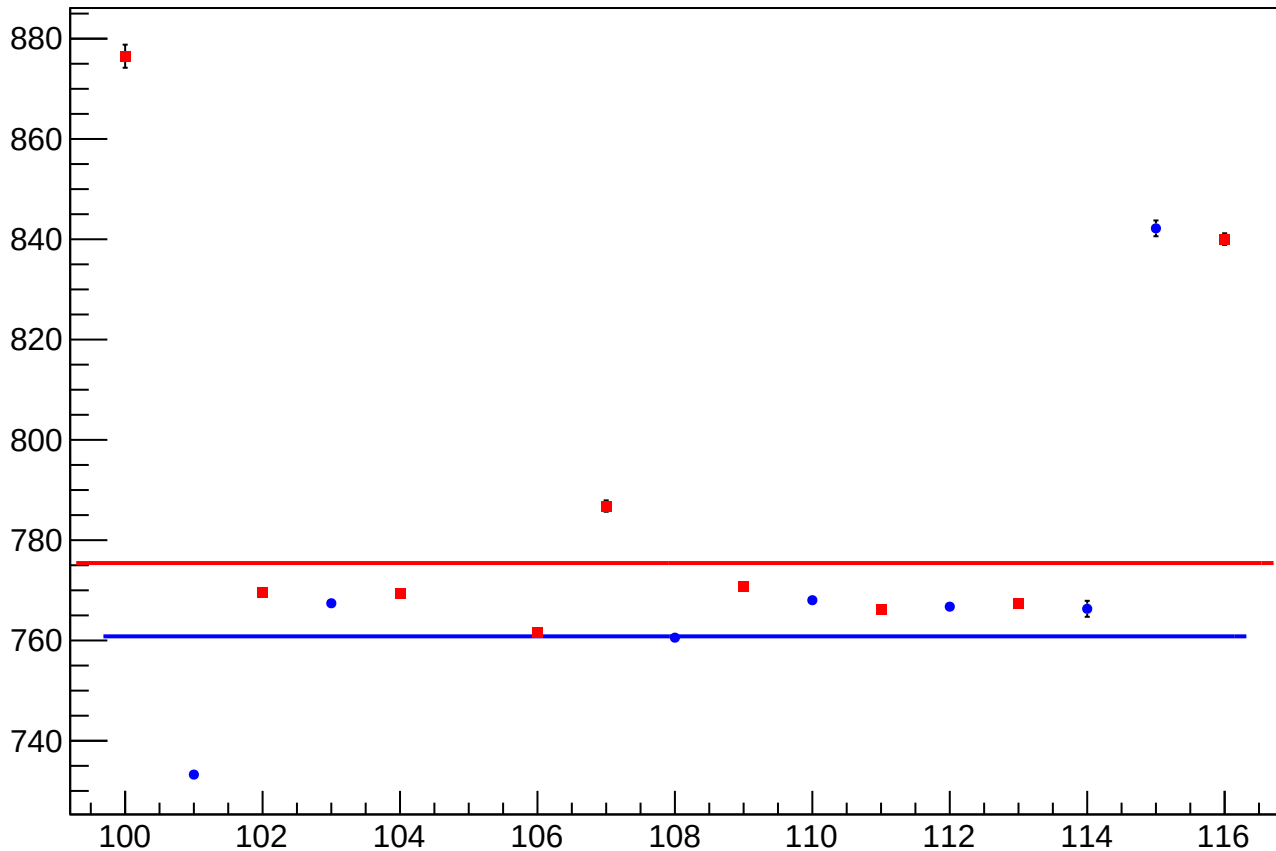
Right: 62.428+/-305.695 χ^2/NDF : 11.2/15

In: -429.336+/-455.406 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.428+/-305.695 χ^2/NDF : 11.2/15

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 760.823+/-0.322 χ^2/NDF : 4751.3/6

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

Right Out: 775.442+/-0.292 χ^2/NDF : 5720.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

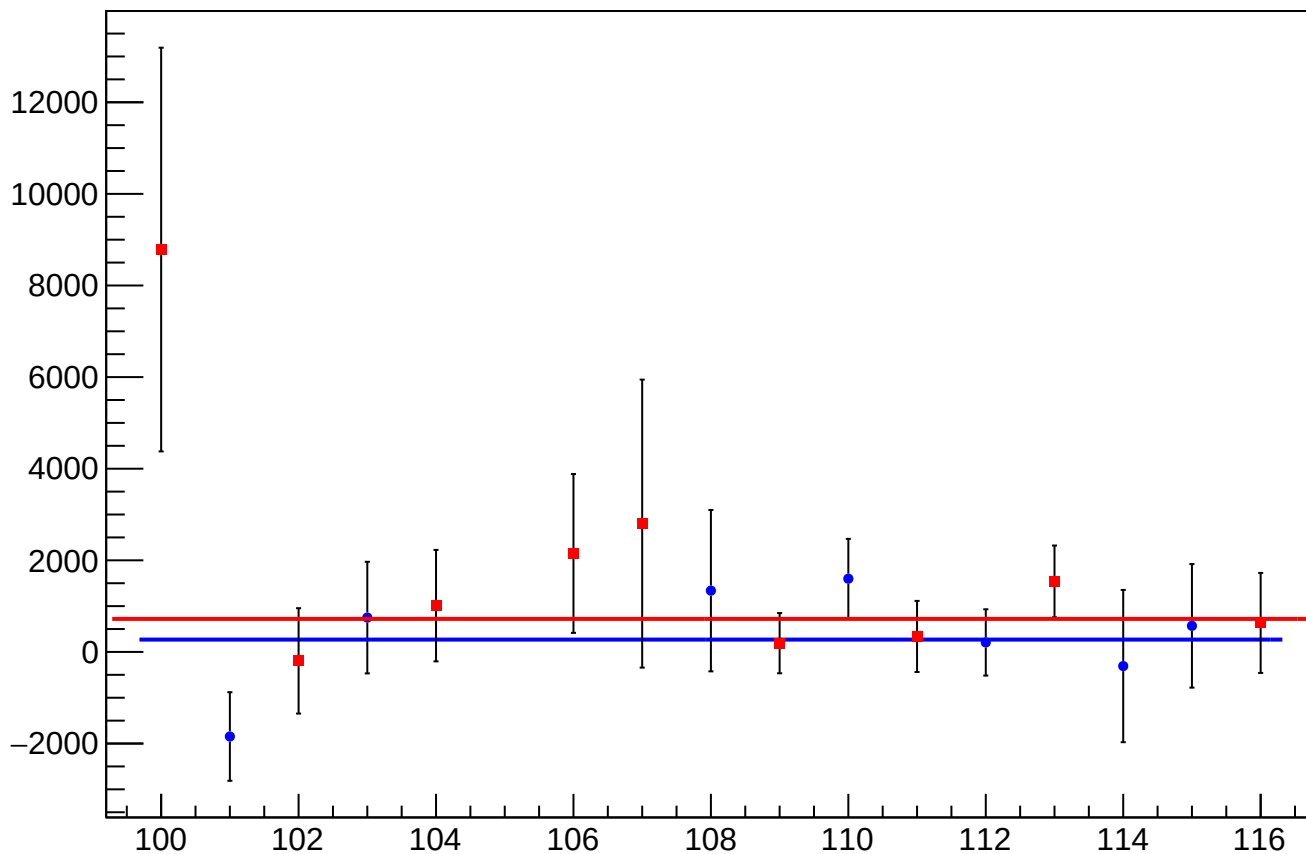
Right: 768.855+/-0.216 χ^2/NDF : 11604.0/15

In: 760.823+/-0.322 χ^2/NDF : 4751.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.855+/-0.216 χ^2/NDF : 11604.0/15

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 269.406 $\pm$ 401.353 χ^2 /NDF: 7.8/6

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

Right Out: 720.941 $\pm$ -345.914 χ^2 /NDF: 7.1/8

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

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

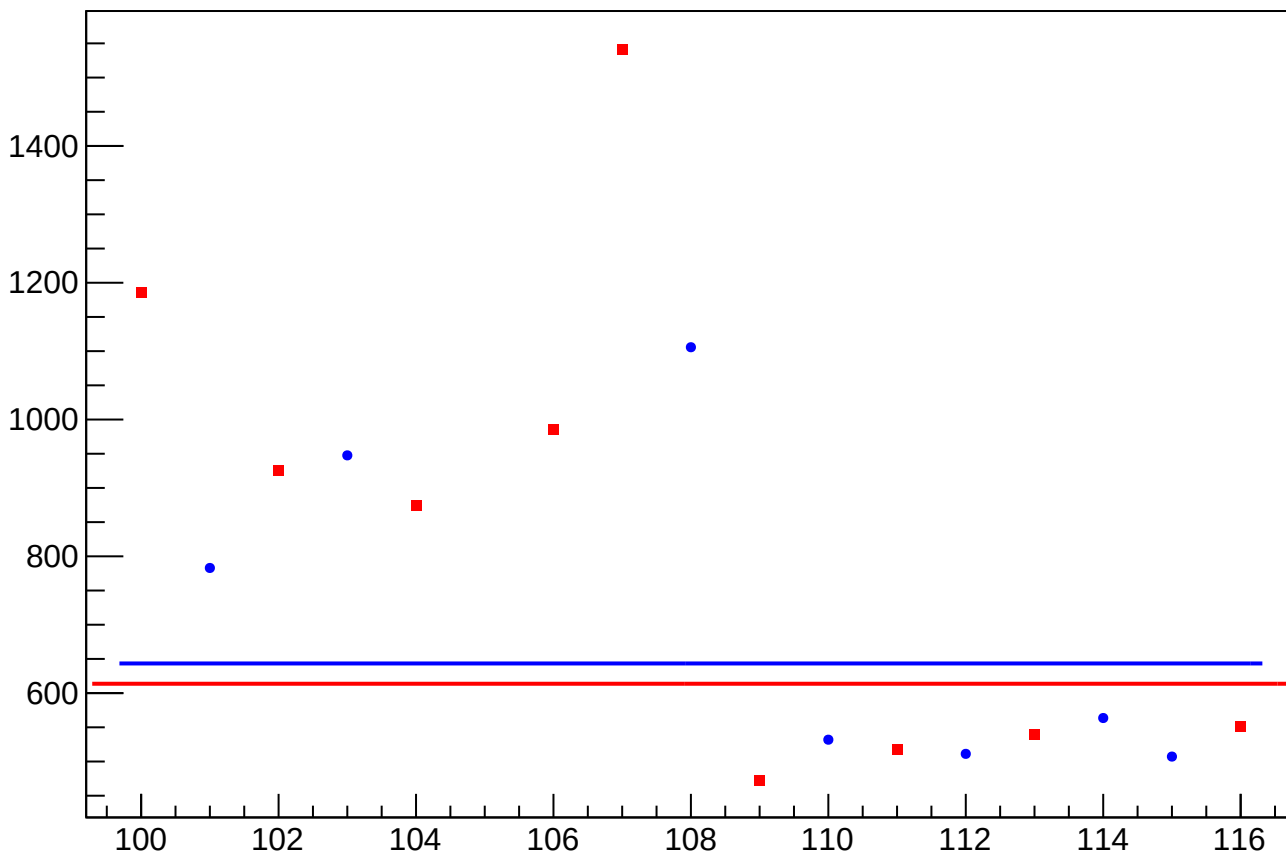
Right: 528.489 $\pm$ -262.024 χ^2 /NDF: 15.7/15

In: 269.406 $\pm$ -401.353 χ^2 /NDF:7.8/6

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

All: 528.489 $\pm$ -262.024 χ^2 /NDF: 15.7/15

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 643.364 $\pm$ 0.284 χ^2 /NDF: 428765.7/6

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

Right Out: 613.699 $\pm$ 0.245 χ^2 /NDF: 686372.8/8

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

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

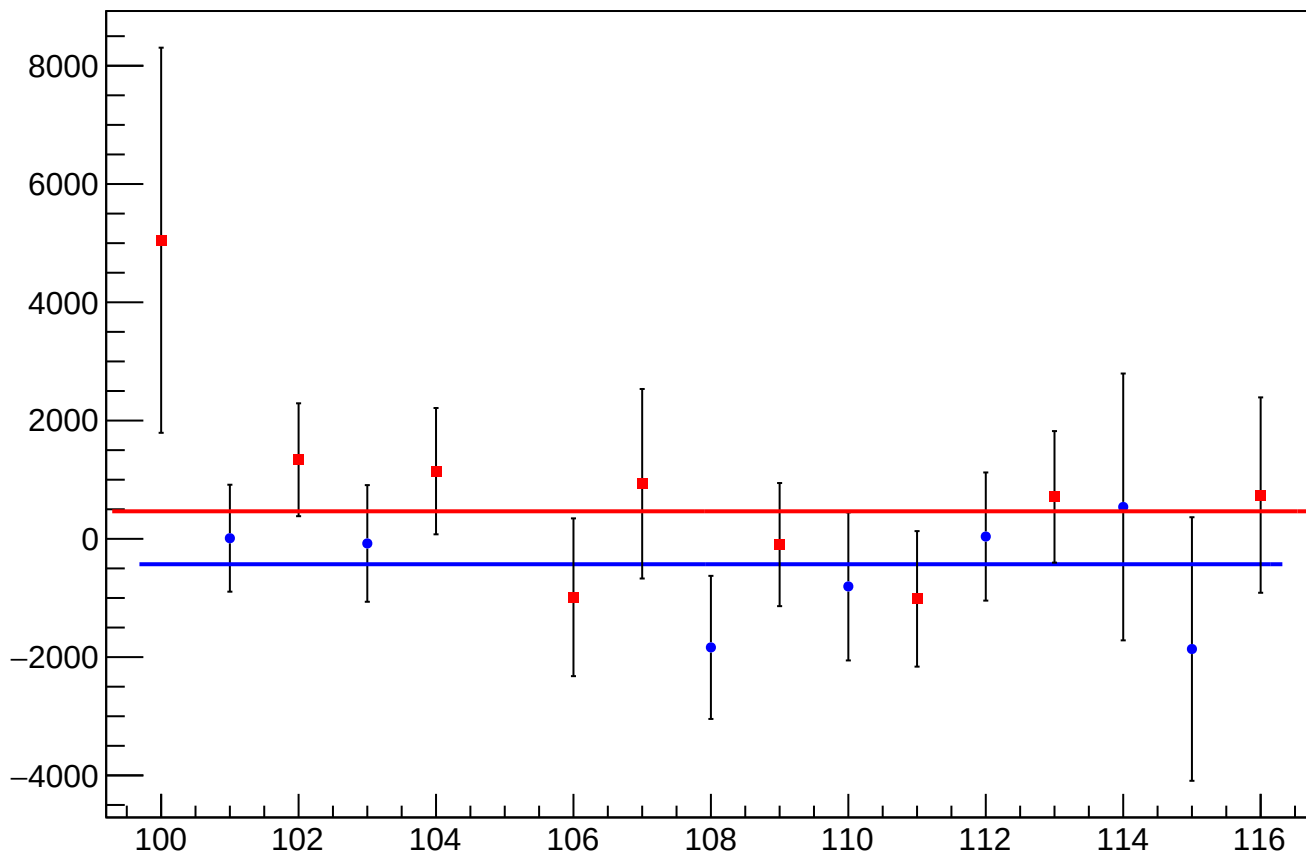
Right: 626.343 $\pm$ 0.185 χ^2 /NDF: 1121407.4/15

In: 643.364 $\pm$ 0.284 χ^2 /NDF:428765.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 626.343 $\pm$ 0.185 χ^2 /NDF: 1121407.4/15

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -429.338+/-455.406 χ^2/NDF : 2.6/6

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

Right Out: 465.733+/-412.419 χ^2/NDF : 6.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

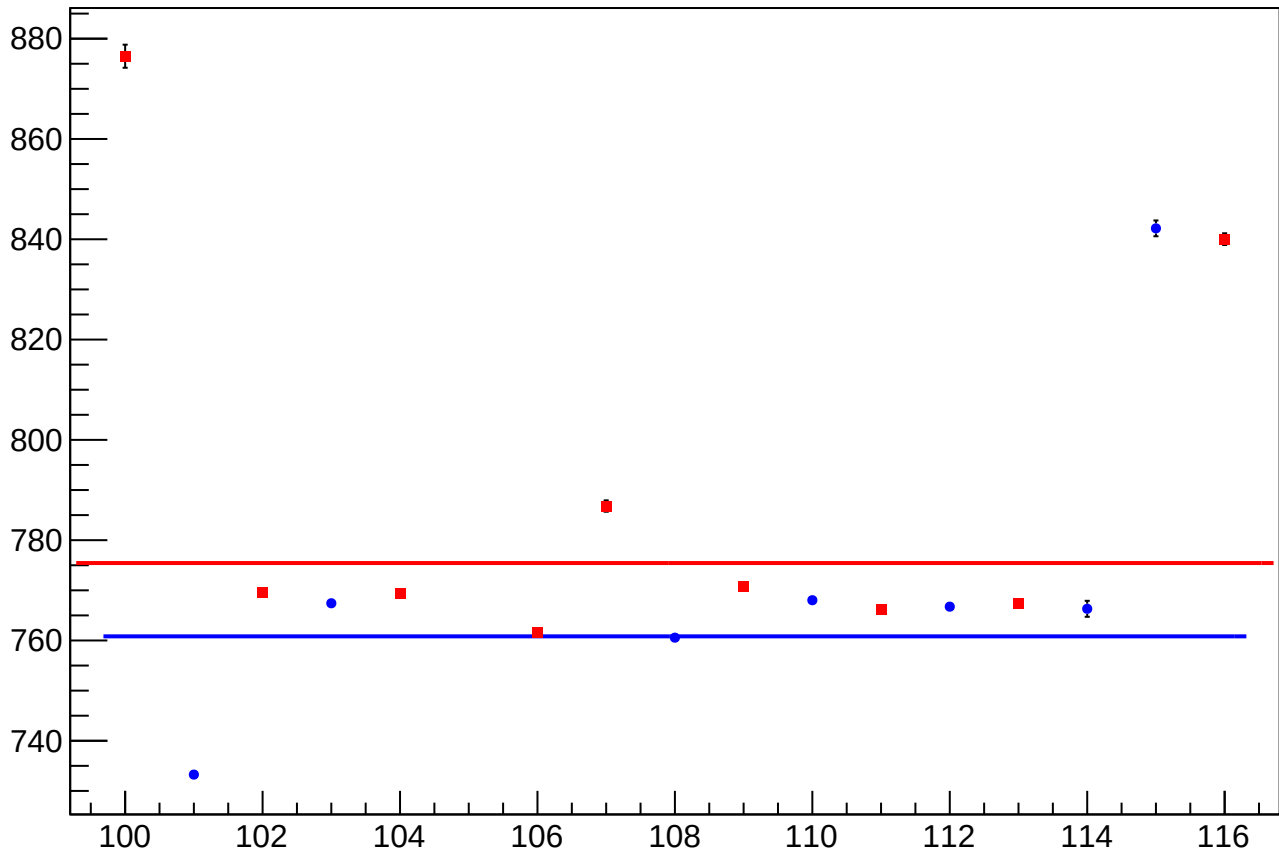
Right: 62.426+/-305.695 χ^2/NDF : 11.2/15

In: -429.338+/-455.406 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.426+/-305.695 χ^2/NDF : 11.2/15

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 760.823+/-0.322 χ^2/NDF : 4751.3/6

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

Right Out: 775.442+/-0.292 χ^2/NDF : 5720.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

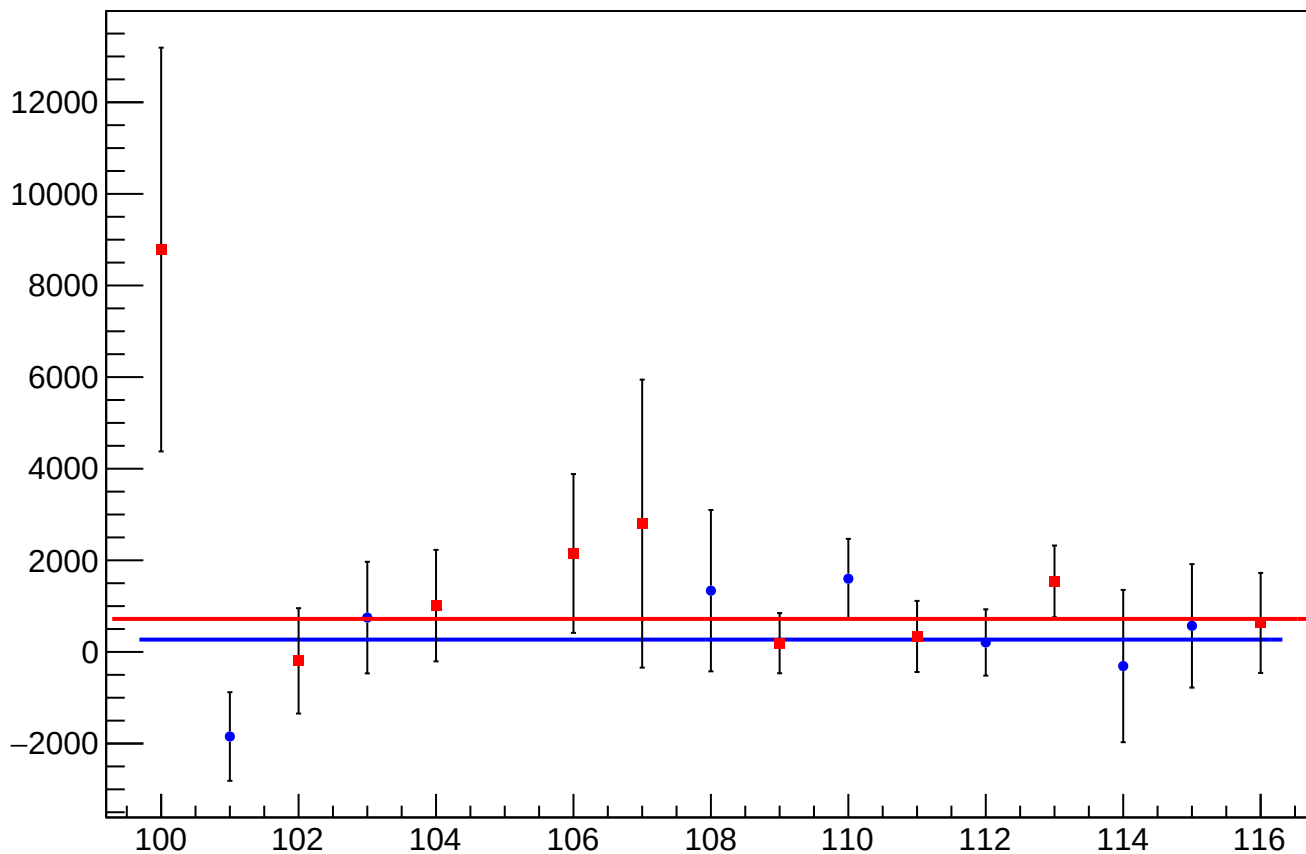
Right: 768.855+/-0.216 χ^2/NDF : 11604.0/15

In: 760.823+/-0.322 χ^2/NDF : 4751.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.855+/-0.216 χ^2/NDF : 11604.0/15

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 269.406+/-401.350 χ^2/NDF : 7.8/6

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

Right Out: 720.938+/-345.912 χ^2/NDF : 7.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

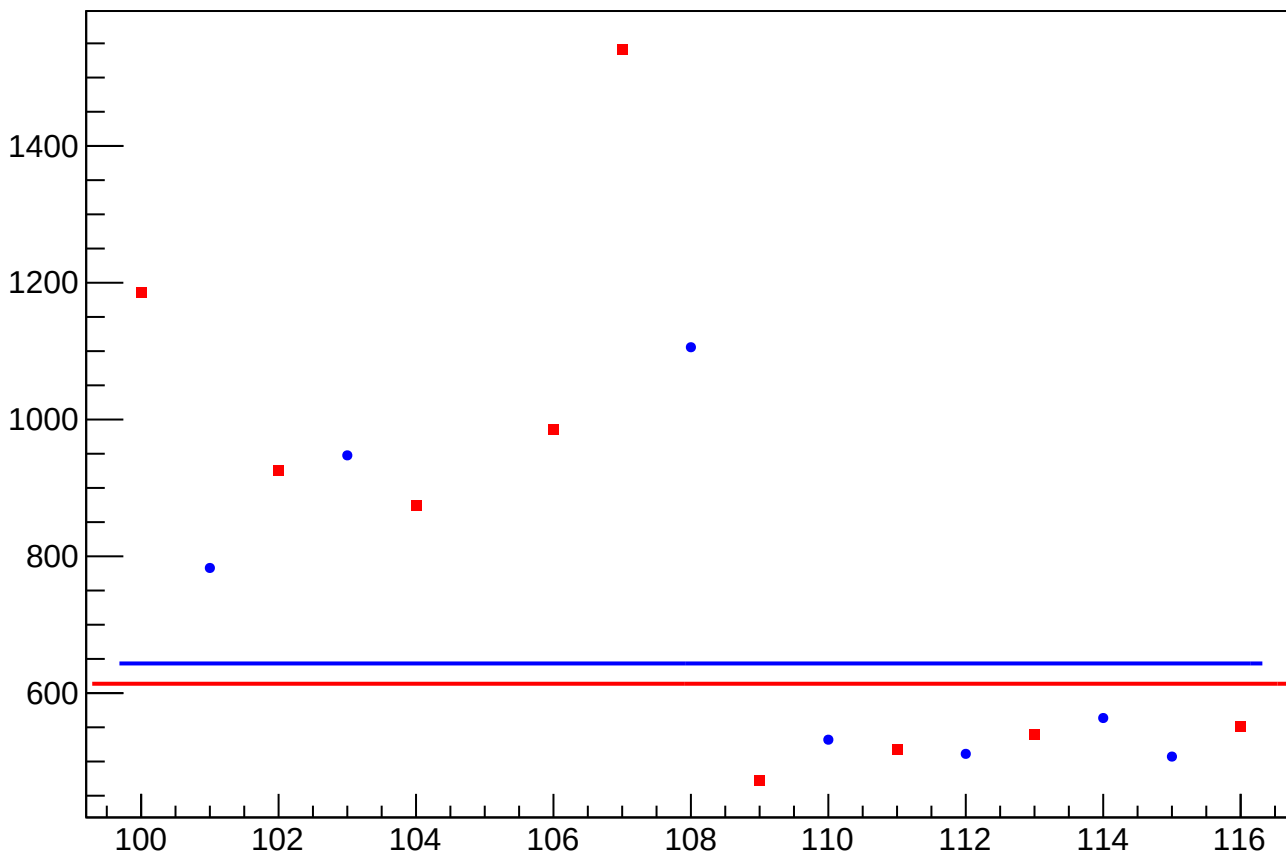
Right: 528.487+/-262.023 χ^2/NDF : 15.7/15

In: 269.406+/-401.350 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.487+/-262.023 χ^2/NDF : 15.7/15

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 643.359+/-0.284 χ^2/NDF : 428779.1/6

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

Right Out: 613.695+/-0.245 χ^2/NDF : 686388.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

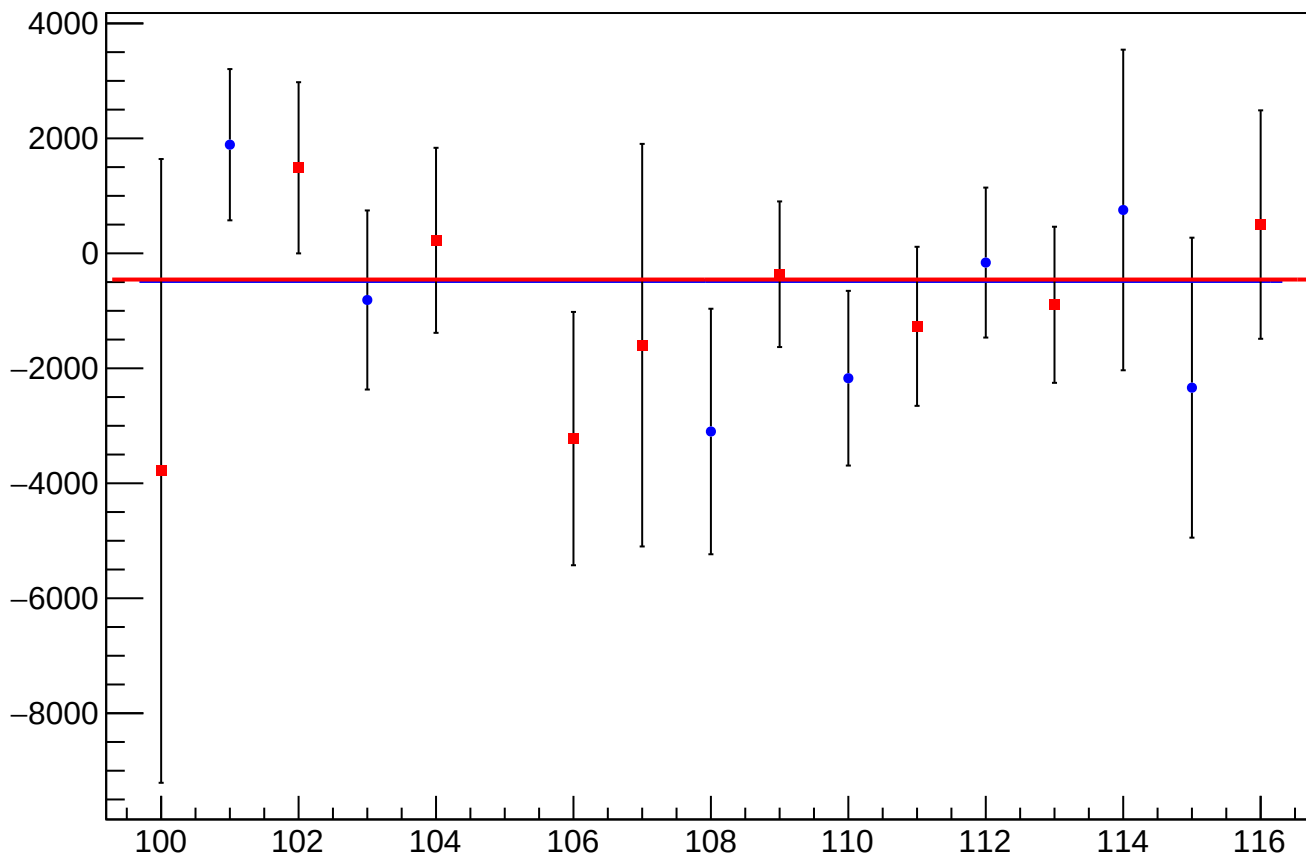
Right: 626.339+/-0.185 χ^2/NDF : 1121436.3/15

In: 643.359+/-0.284 χ^2/NDF : 428779.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.339+/-0.185 χ^2/NDF : 1121436.3/15

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -480.332+/-631.761 χ^2 /NDF: 6.8/6

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

Right Out: -455.561+/-567.949 χ^2 /NDF: 4.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

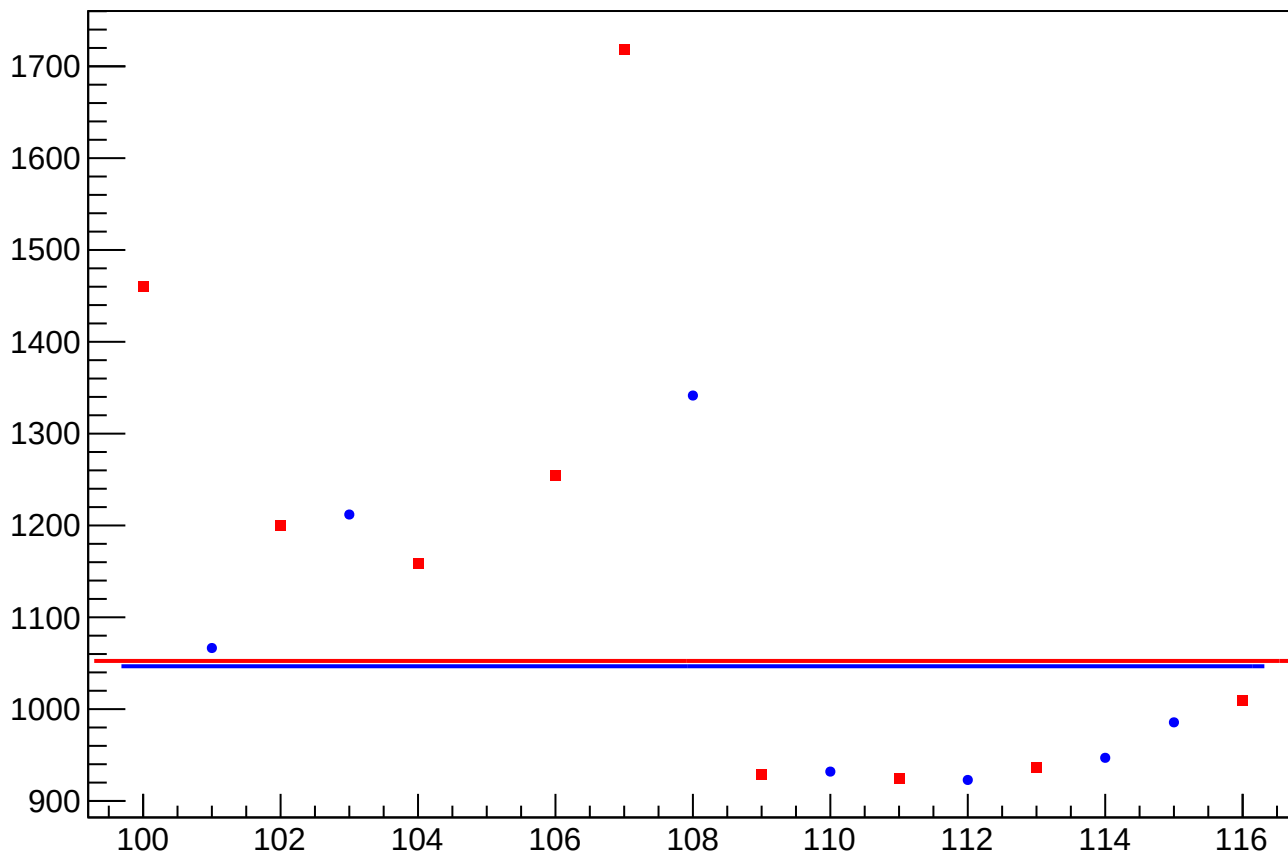
Right: -466.633+/-422.365 χ^2 /NDF: 11.4/15

In: -480.332+/-631.761 χ^2 /NDF:6.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -466.633+/-422.365 χ^2 /NDF: 11.4/15

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1046.680 $\pm$ 0.447 χ^2 /NDF: 94150.1/6

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

Right Out: 1052.483 $\pm$ 0.402 χ^2 /NDF: 180167.2/8

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

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

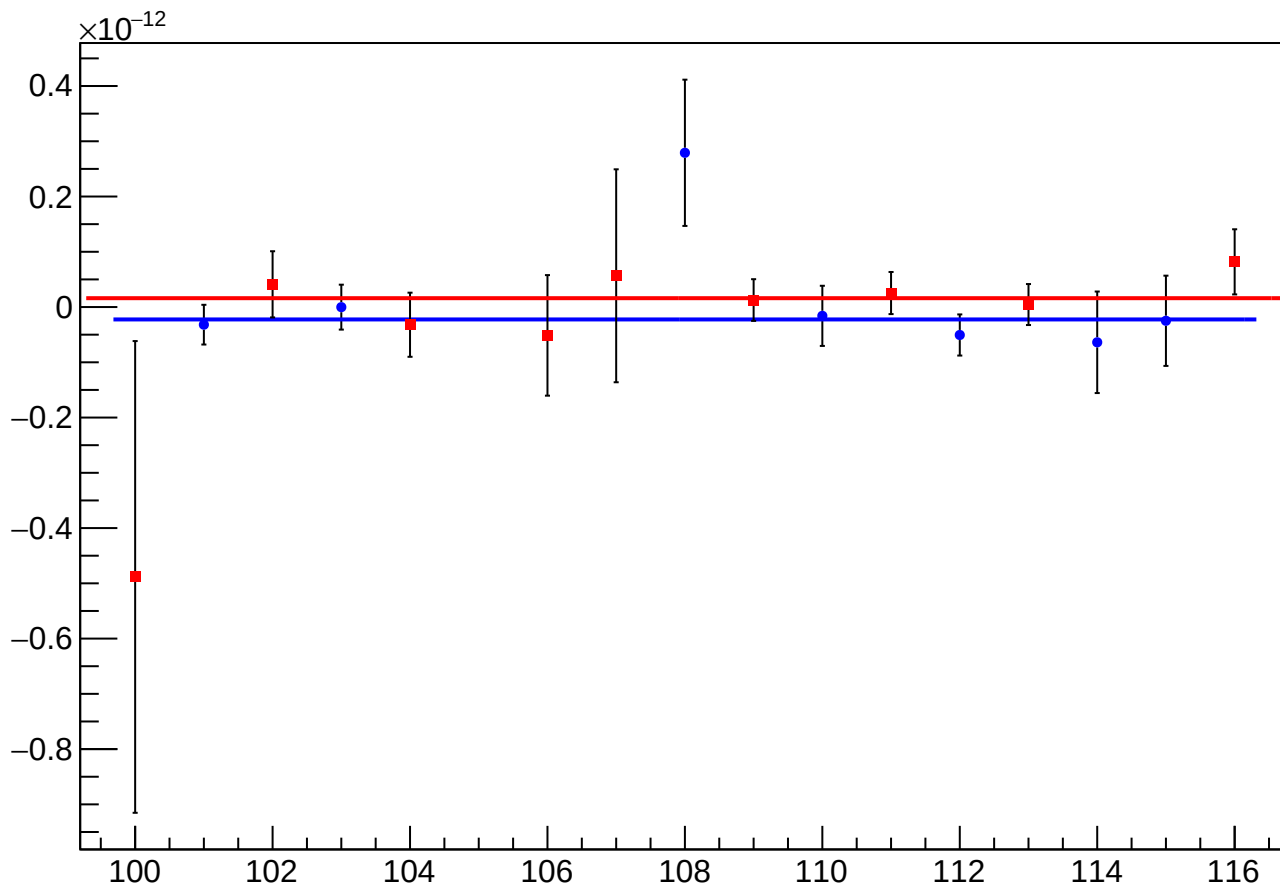
Right: 1049.889 $\pm$ 0.299 χ^2 /NDF: 274410.7/15

In: 1046.680 $\pm$ 0.447 χ^2 /NDF:94150.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1049.889 $\pm$ 0.299 χ^2 /NDF: 274410.7/15

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

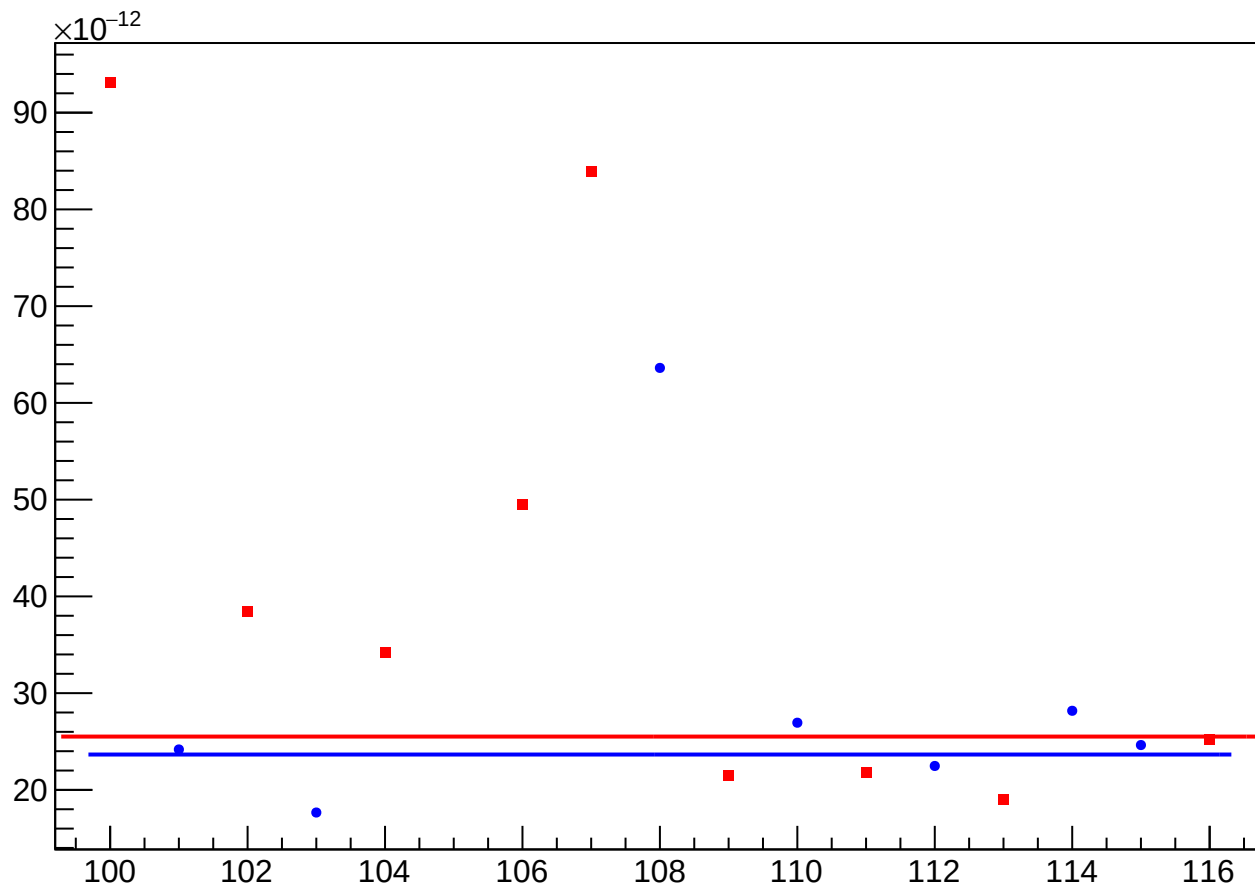
Right: -0.000+/-0.000 χ^2/NDF : 12.6/15

In: -0.000+/-0.000 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/15

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 240733.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 569675.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

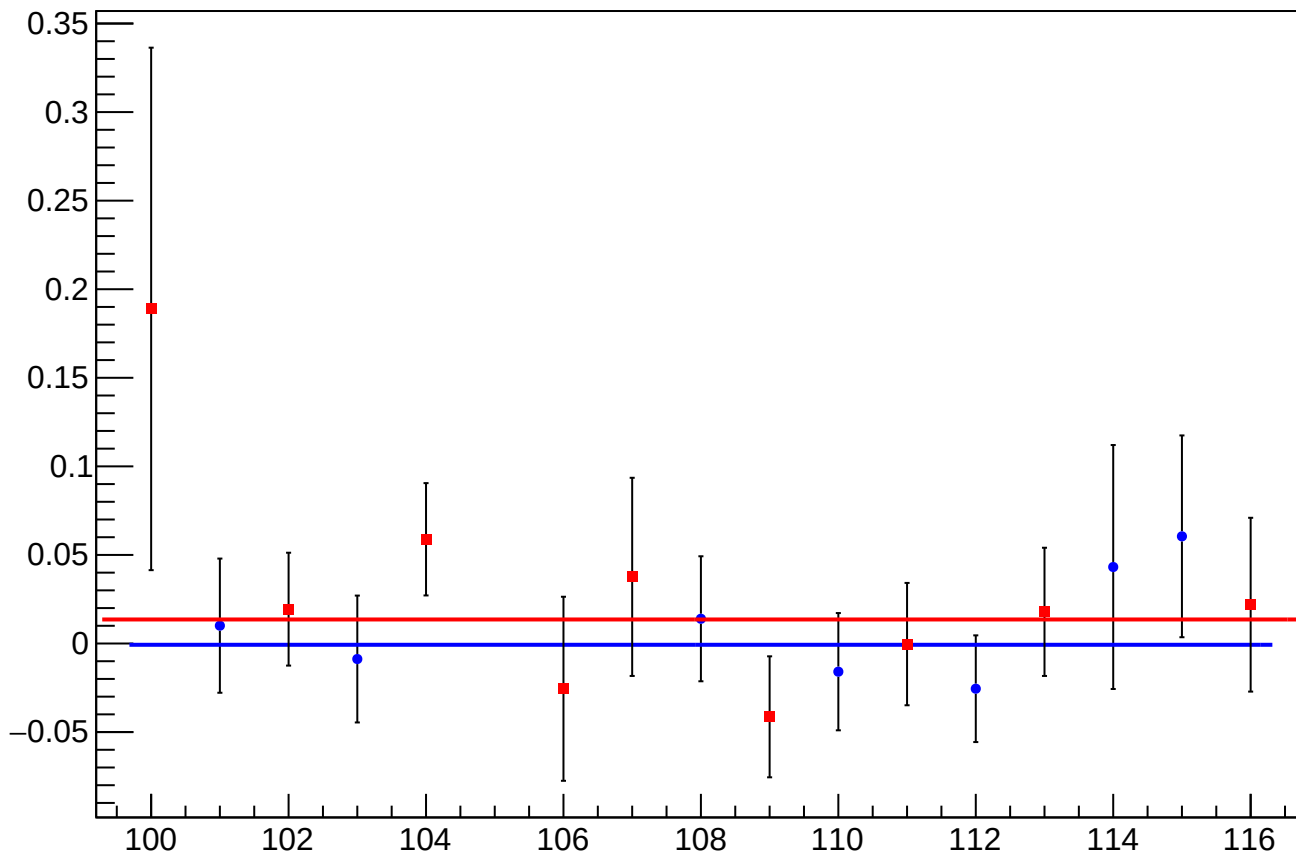
Right: 0.000+/-0.000 χ^2/NDF : 820477.2/15

In: 0.000+/-0.000 χ^2/NDF : 240733.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 820477.2/15

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 2.8/6

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

Right Out: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.0/8

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

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

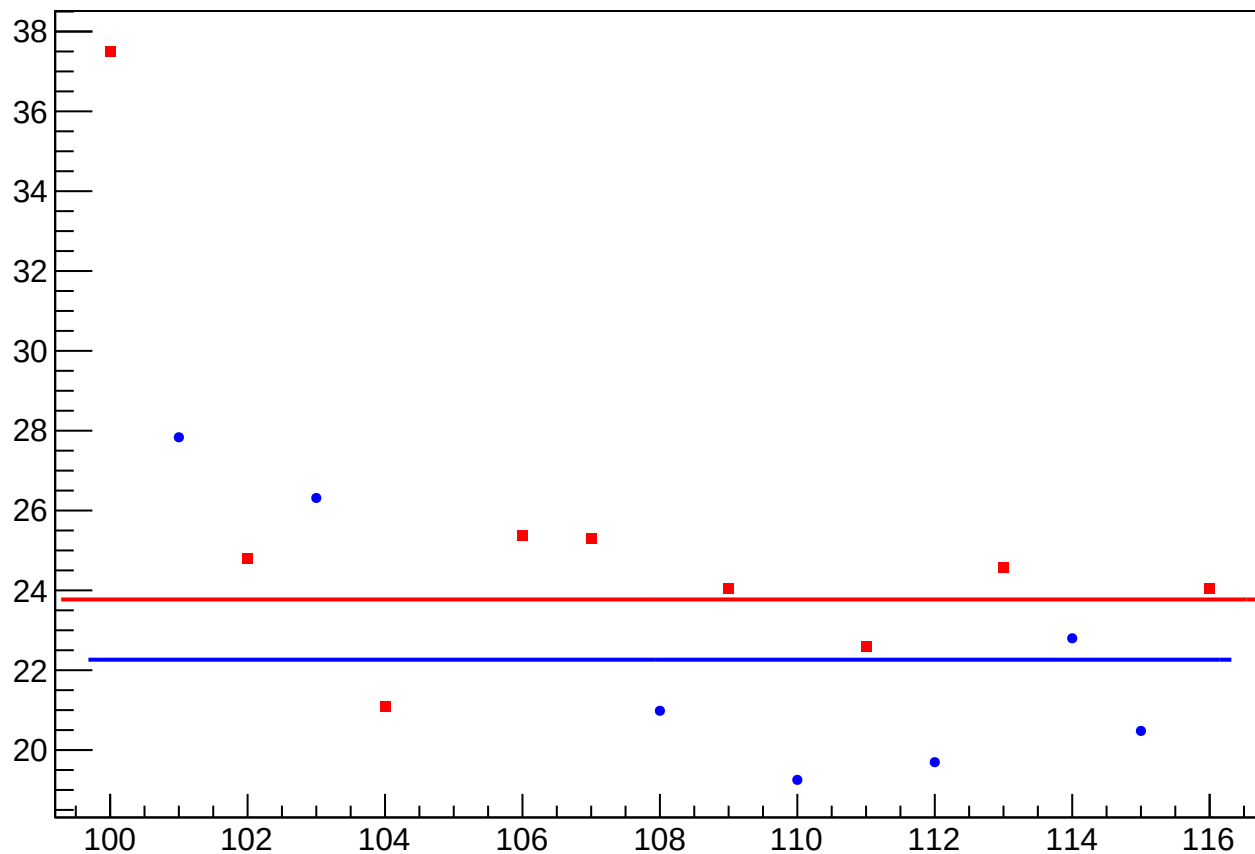
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

In: -0.001 $\pm$ 0.014 χ^2 /NDF: 2.8/6

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

All: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.263+/-0.010 χ^2/NDF : 104666.8/6

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

Right Out: 23.772+/-0.009 χ^2/NDF : 40717.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

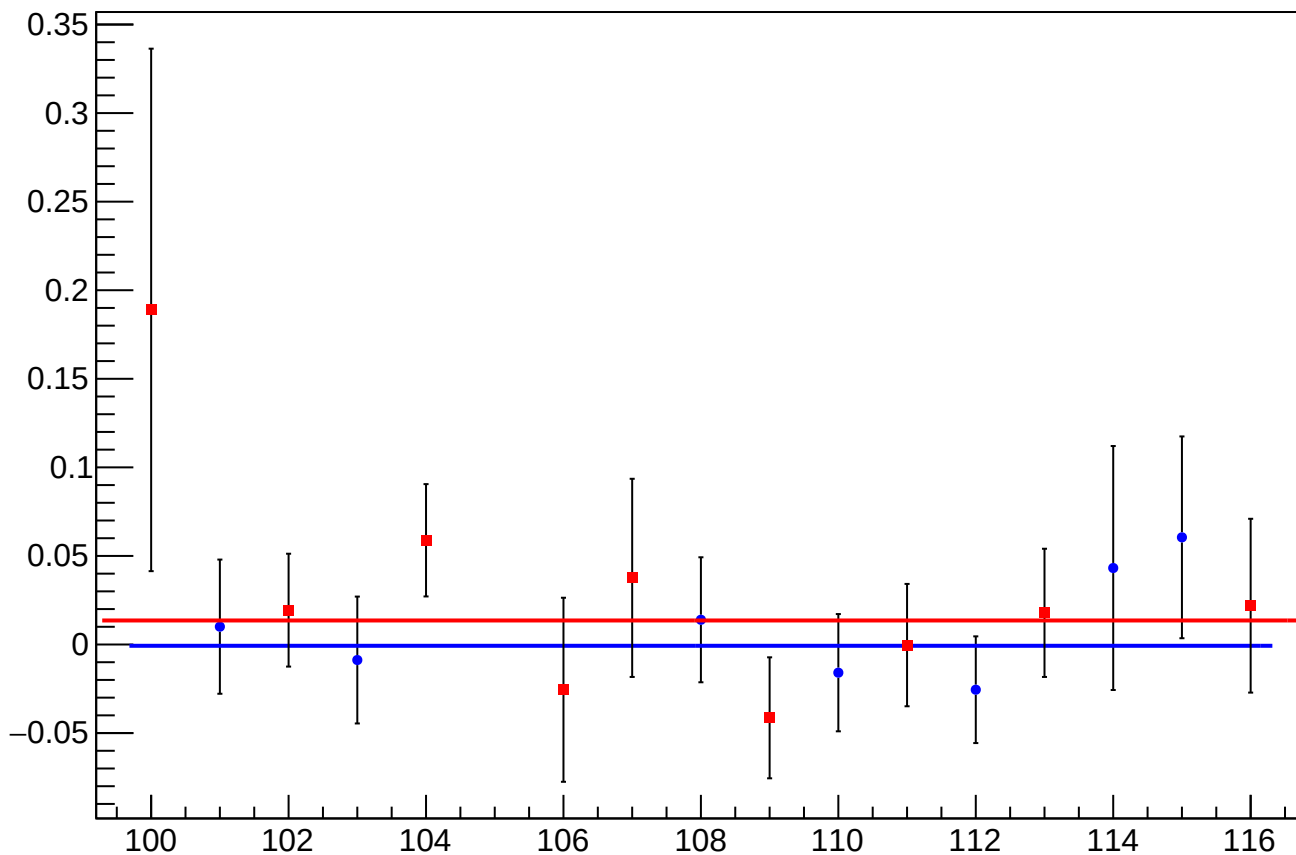
Right: 23.074+/-0.007 χ^2/NDF : 157161.2/15

In: 22.263+/-0.010 χ^2/NDF : 104666.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.074+/-0.007 χ^2/NDF : 157161.2/15

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 2.8/6

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

Right Out: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.0/8

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

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

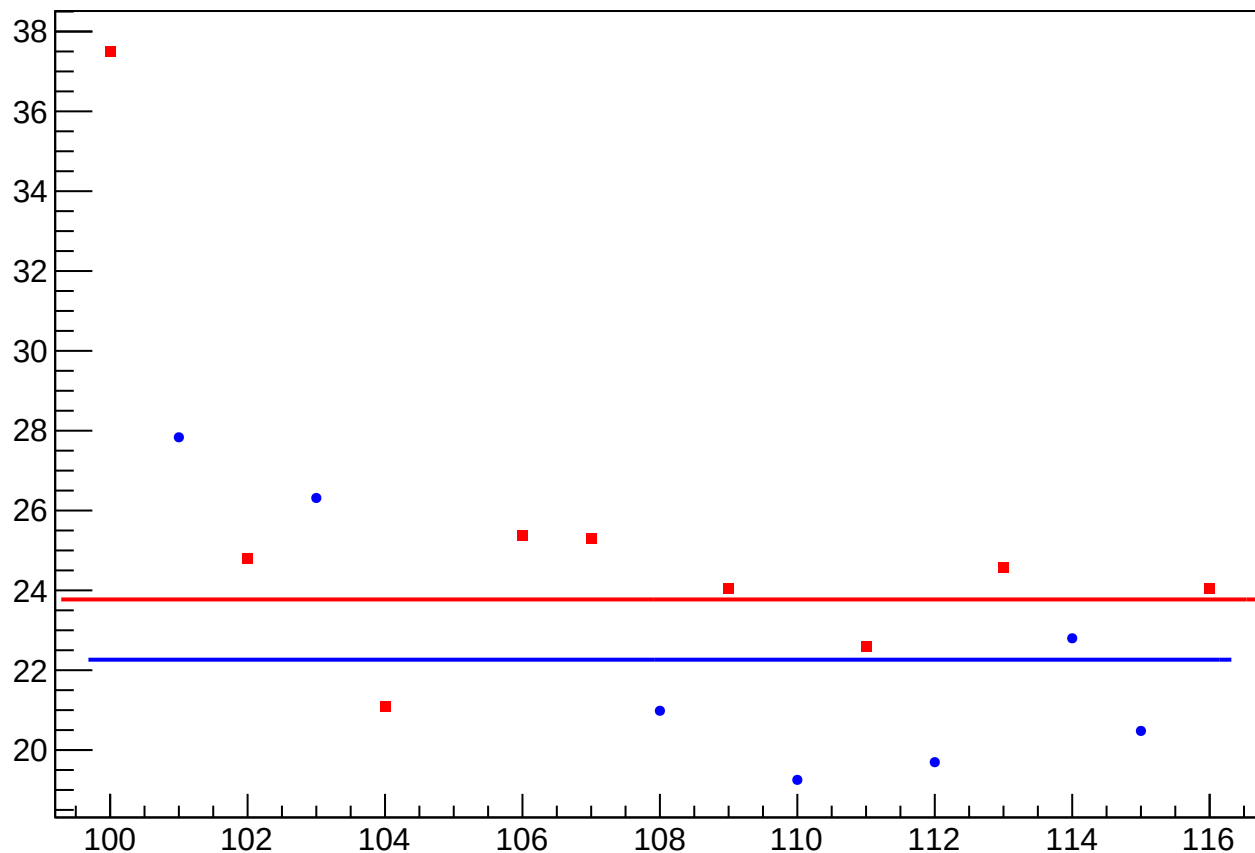
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

In: -0.001 $\pm$ 0.014 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.263+/-0.010 χ^2/NDF : 104666.8/6

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

Right Out: 23.772+/-0.009 χ^2/NDF : 40717.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

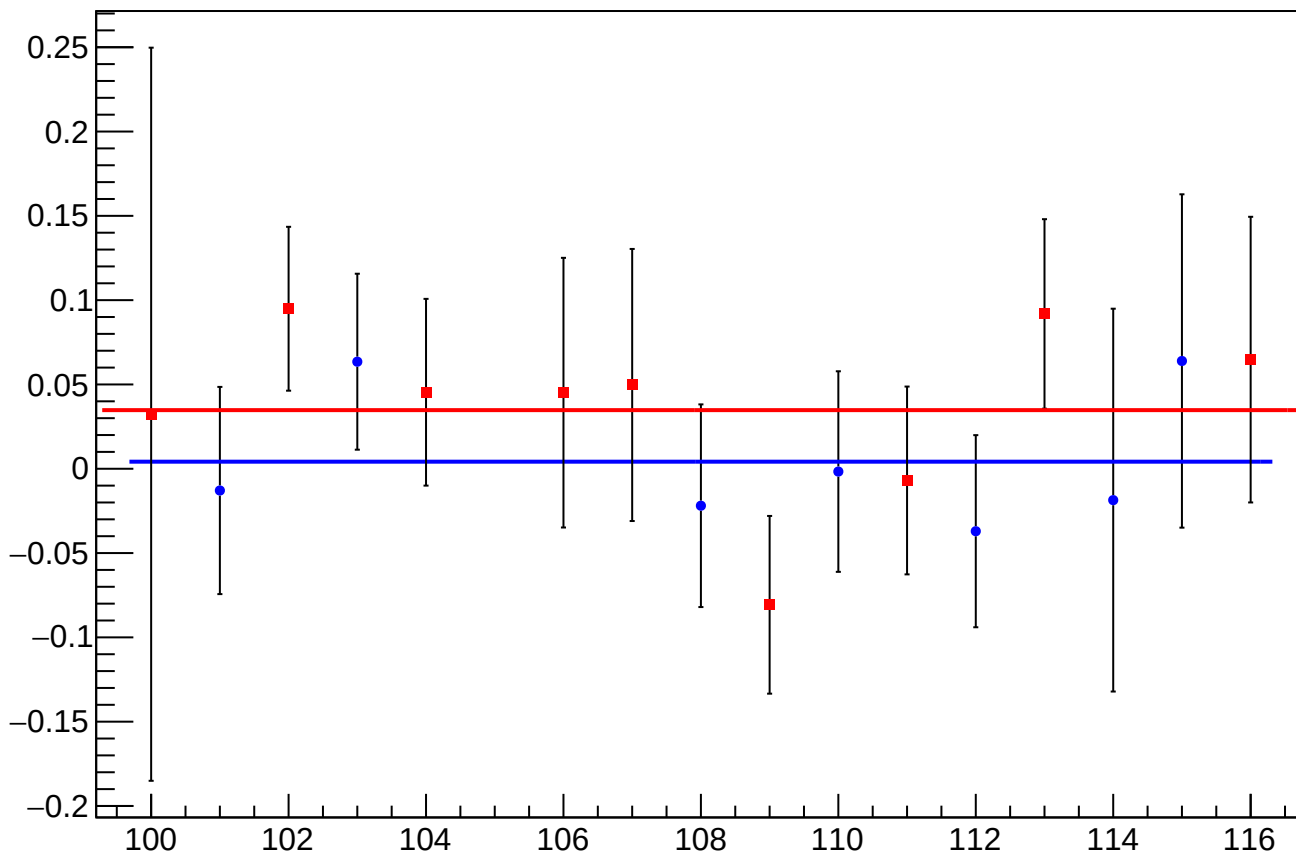
Right: 23.074+/-0.007 χ^2/NDF : 157161.2/15

In: 22.263+/-0.010 χ^2/NDF : 104666.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.074+/-0.007 χ^2/NDF : 157161.2/15

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.024 χ^2 /NDF: 2.5/6

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

Right Out: 0.035 $\pm$ 0.021 χ^2 /NDF: 8.1/8

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

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

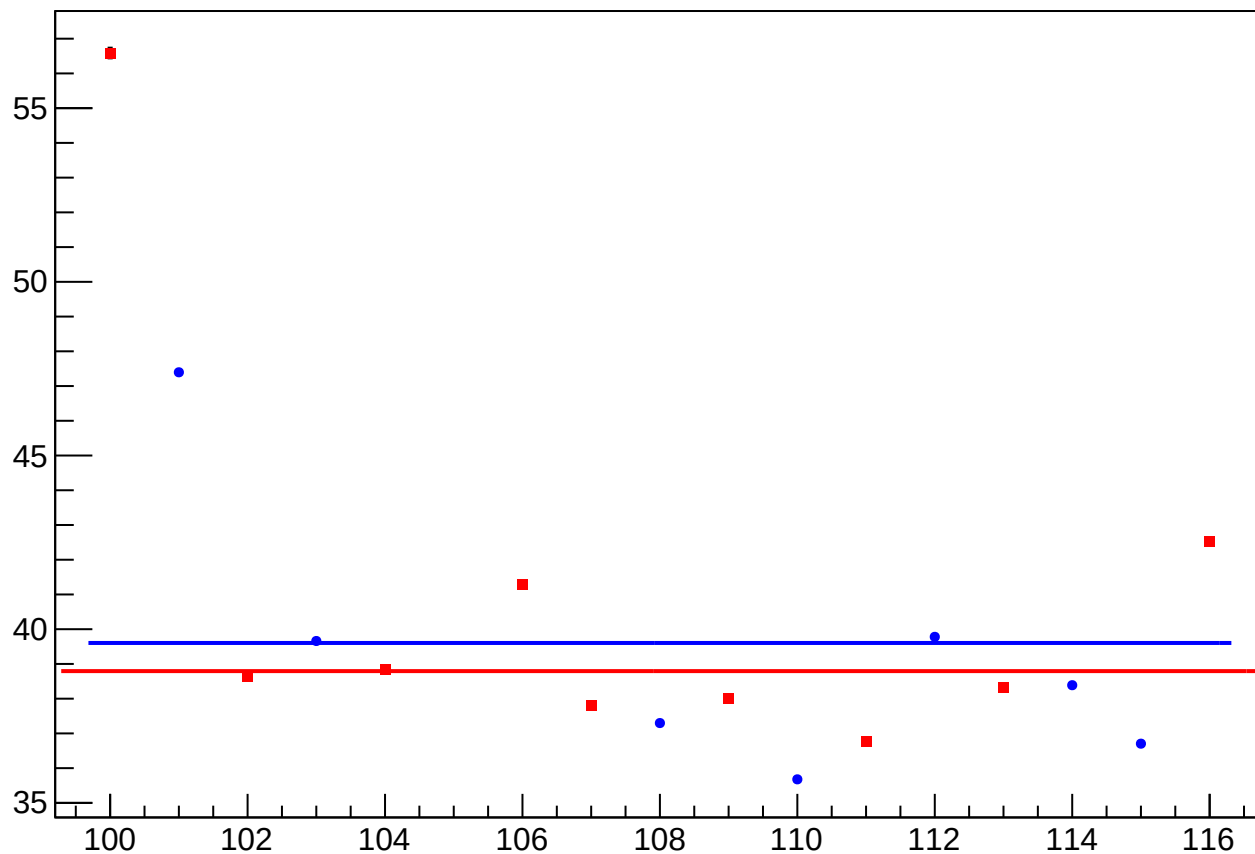
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 11.5/15

In: 0.004 $\pm$ 0.024 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 11.5/15

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.604+/-0.017 χ^2/NDF : 45793.9/6

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

Right Out: 38.794+/-0.015 χ^2/NDF : 22800.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

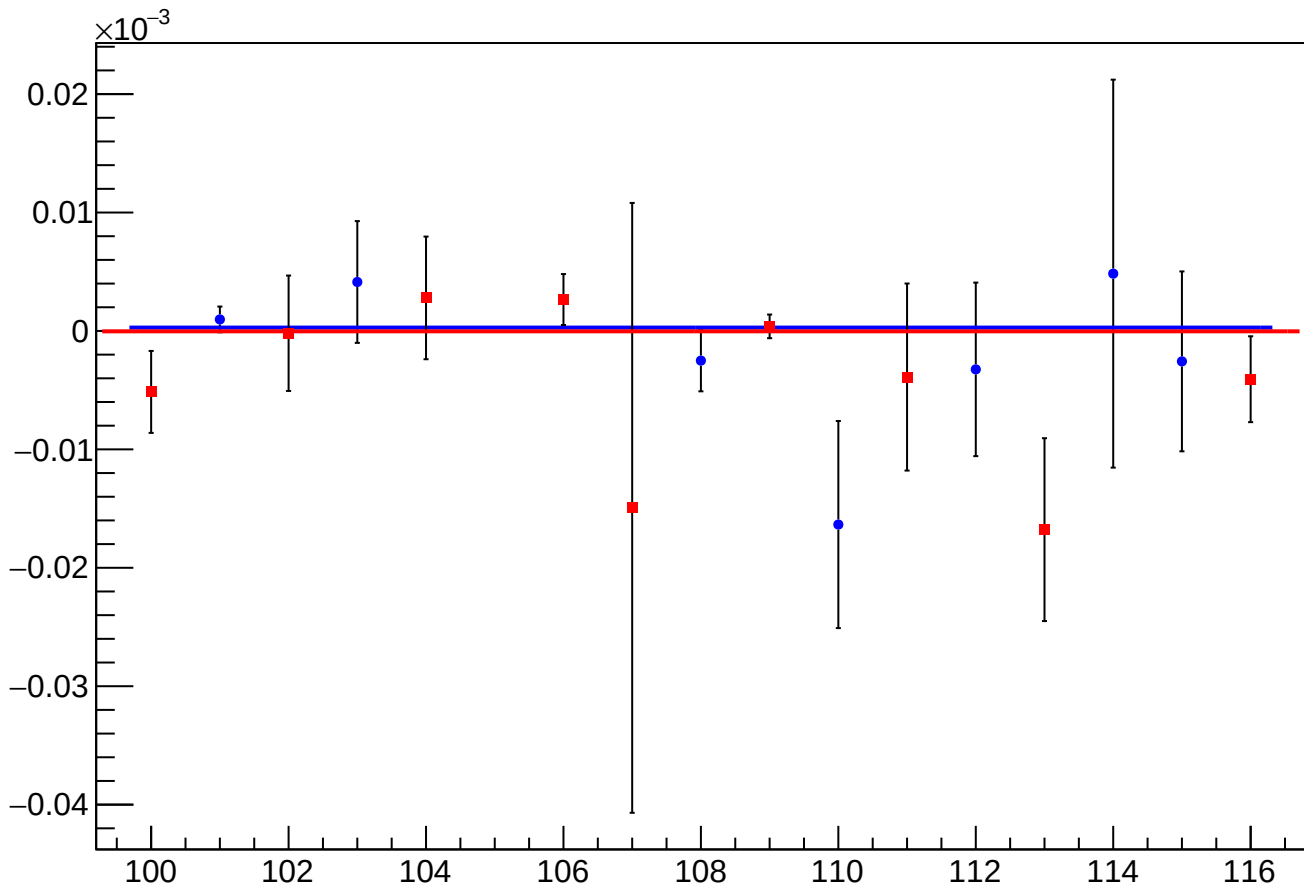
Right: 39.143+/-0.011 χ^2/NDF : 69849.7/15

In: 39.604+/-0.017 χ^2/NDF : 45793.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.143+/-0.011 χ^2/NDF : 69849.7/15

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

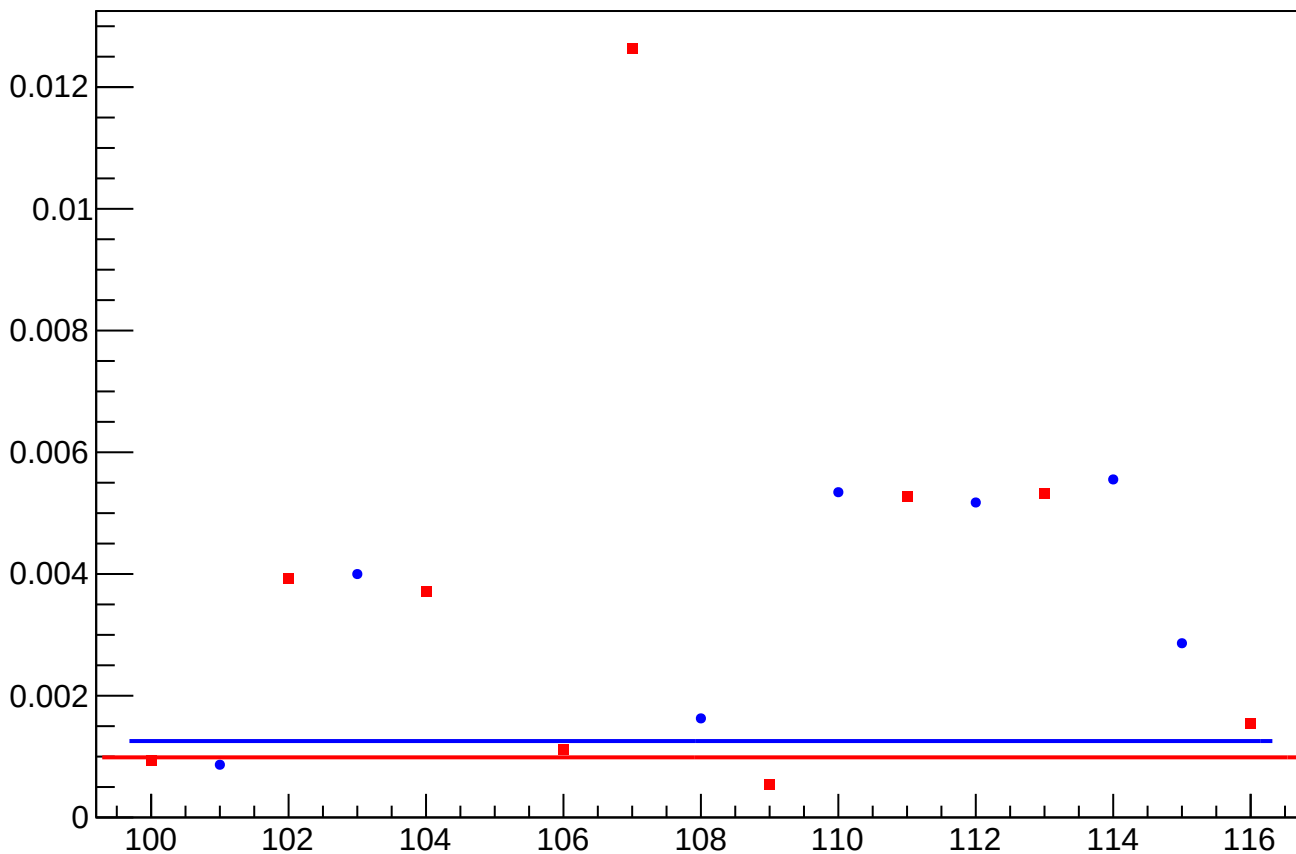
Right: 0.000+/-0.000 χ^2/NDF : 17.0/15

In: 0.000+/-0.000 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/15

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2104732.2/6

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3366264.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

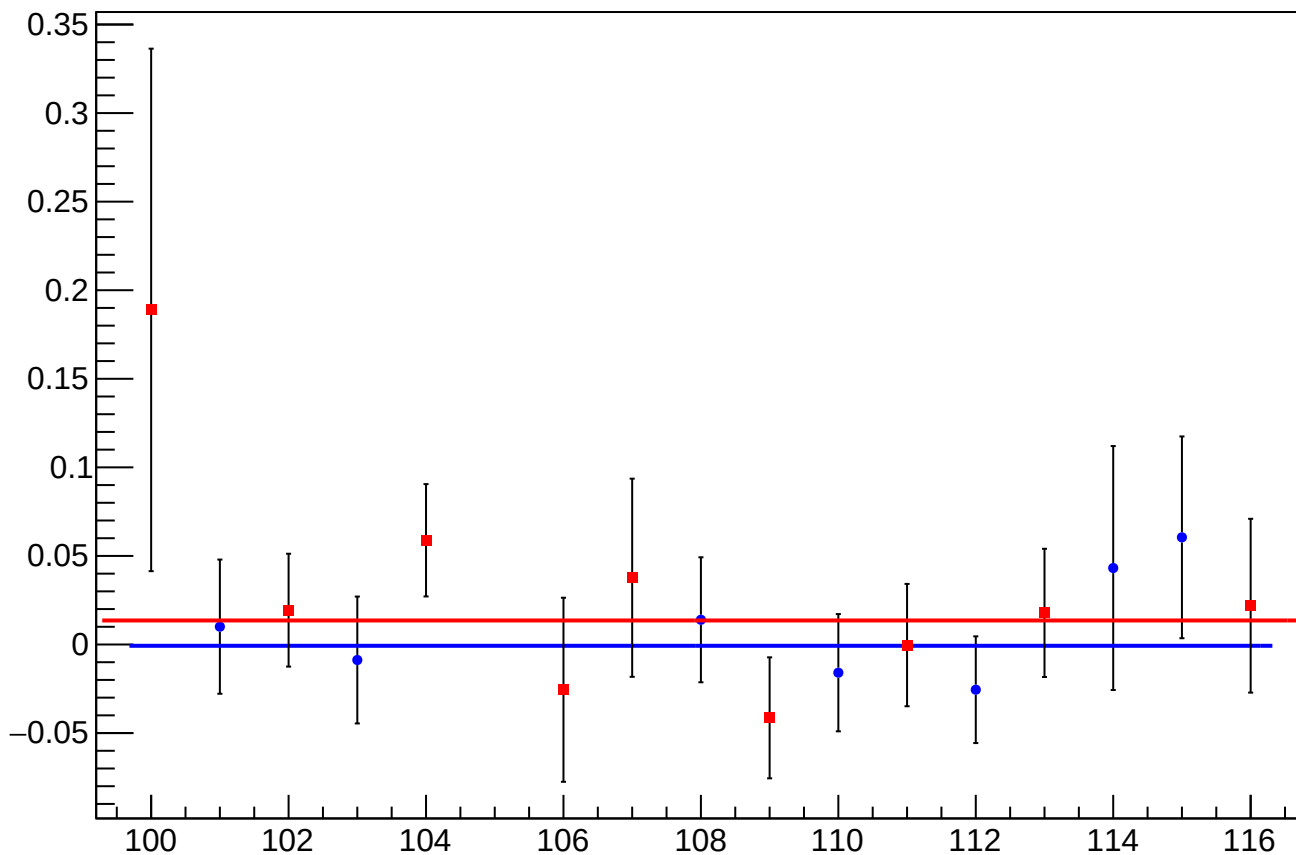
Right: 0.001+/-0.000 χ^2/NDF : 5561176.0/15

In: 0.001+/-0.000 χ^2/NDF : 2104732.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5561176.0/15

asym_us_dd_eigen_dit_vs_slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 2.8/6

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

Right Out: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.0/8

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

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

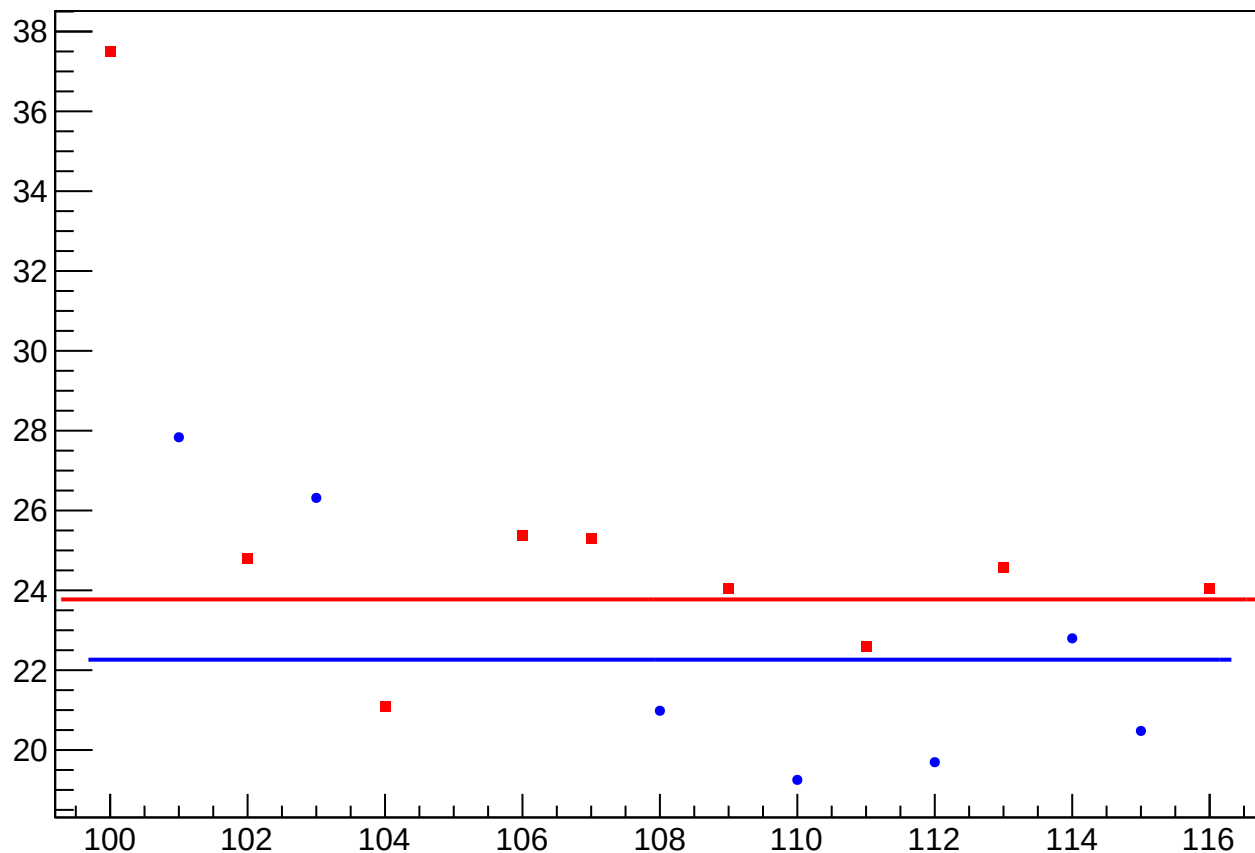
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

In: -0.001 $\pm$ 0.014 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.263+/-0.010 χ^2/NDF : 104702.7/6

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

Right Out: 23.773+/-0.009 χ^2/NDF : 40709.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

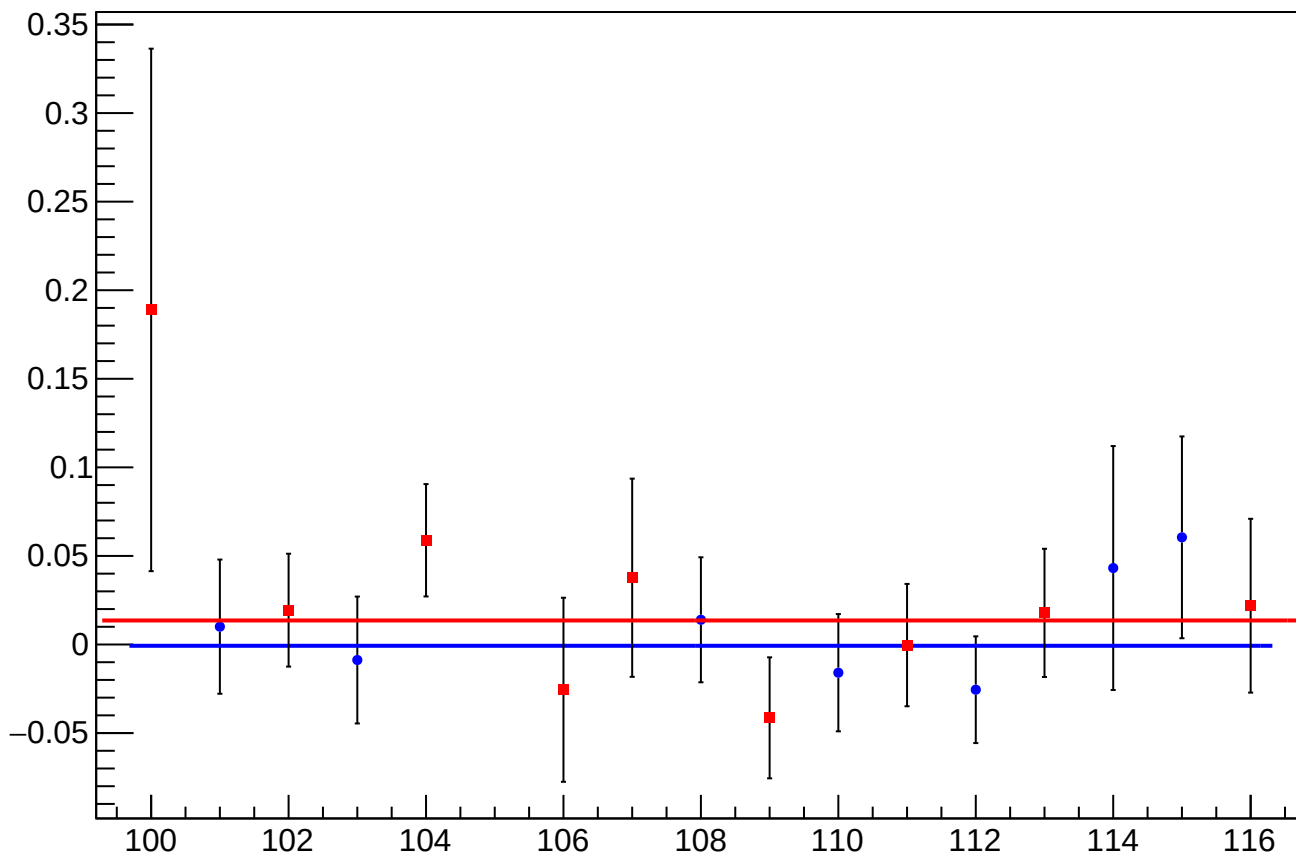
Right: 23.074+/-0.007 χ^2/NDF : 157199.1/15

In: 22.263+/-0.010 χ^2/NDF : 104702.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.074+/-0.007 χ^2/NDF : 157199.1/15

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 2.8/6

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

Right Out: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.0/8

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

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

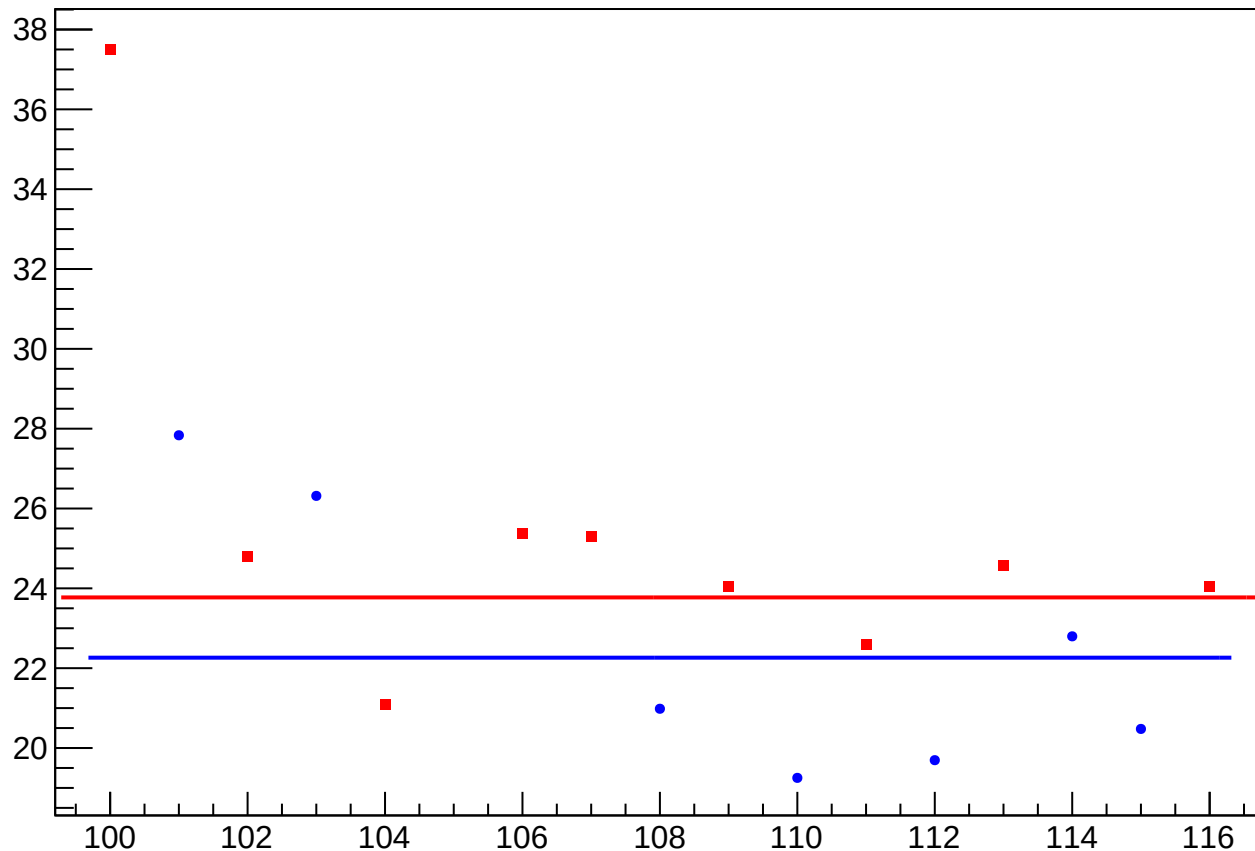
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

In: -0.001 $\pm$ 0.014 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.010 χ^2 /NDF: 10.3/15

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.263+/-0.010 χ^2/NDF : 104702.7/6

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

Right Out: 23.773+/-0.009 χ^2/NDF : 40709.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

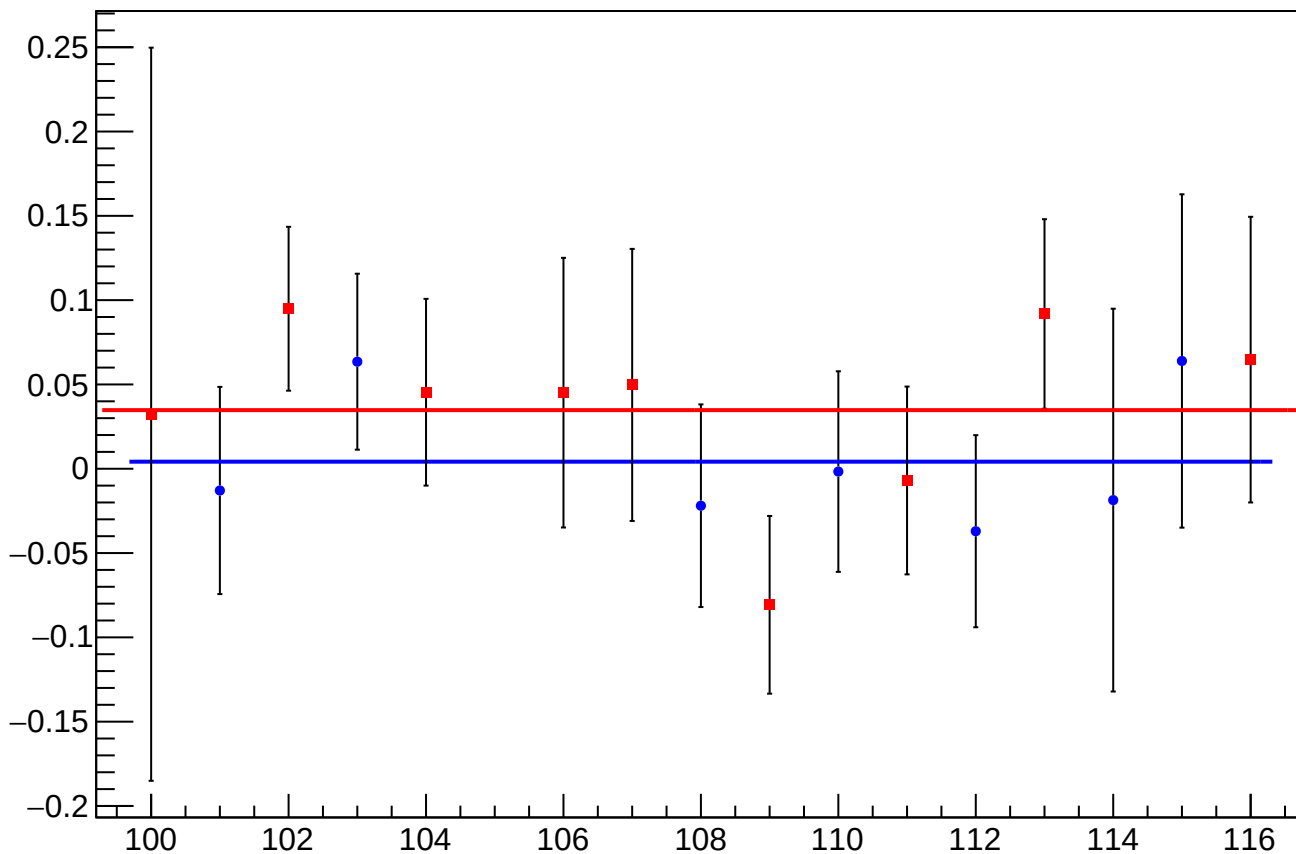
Right: 23.074+/-0.007 χ^2/NDF : 157199.1/15

In: 22.263+/-0.010 χ^2/NDF : 104702.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.074+/-0.007 χ^2/NDF : 157199.1/15

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.024 χ^2 /NDF: 2.5/6

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

Right Out: 0.035 $\pm$ 0.021 χ^2 /NDF: 8.1/8

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

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

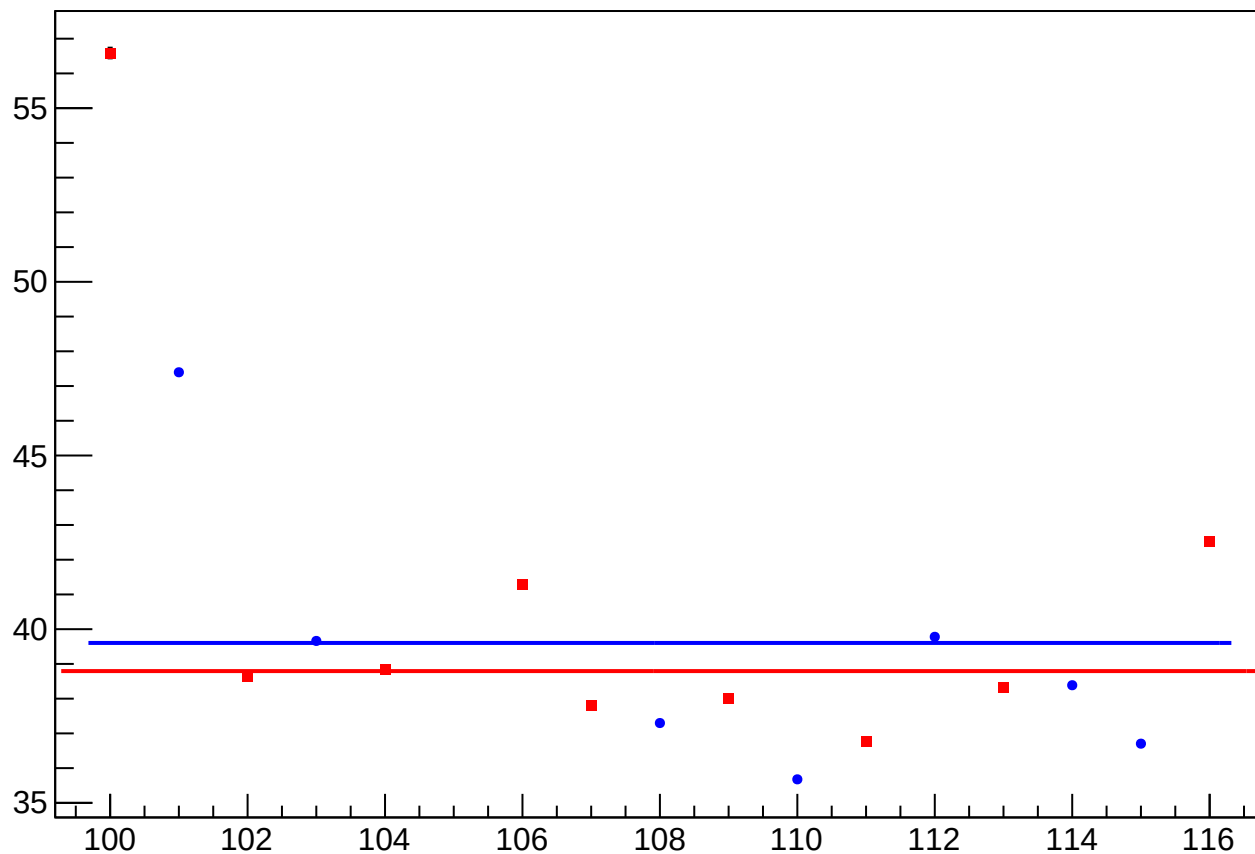
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 11.5/15

In: 0.004 $\pm$ 0.024 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 11.5/15

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.604 $\pm$ 0.017 χ^2 /NDF: 45798.6/6

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

Right Out: 38.794 $\pm$ 0.015 χ^2 /NDF: 22800.5/8

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

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

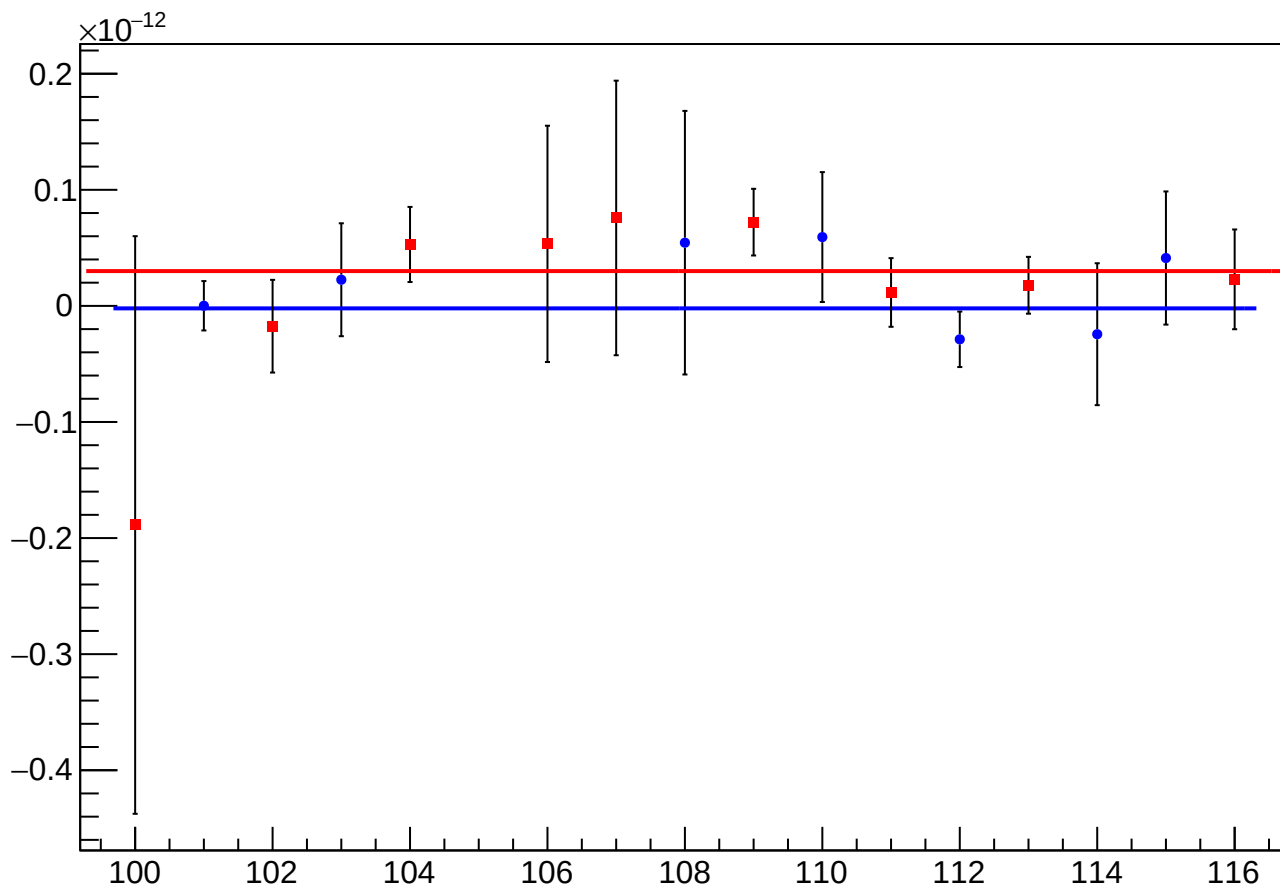
Right: 39.143 $\pm$ 0.011 χ^2 /NDF: 69854.4/15

In: 39.604 $\pm$ 0.017 χ^2 /NDF:45798.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.143 $\pm$ 0.011 χ^2 /NDF: 69854.4/15

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

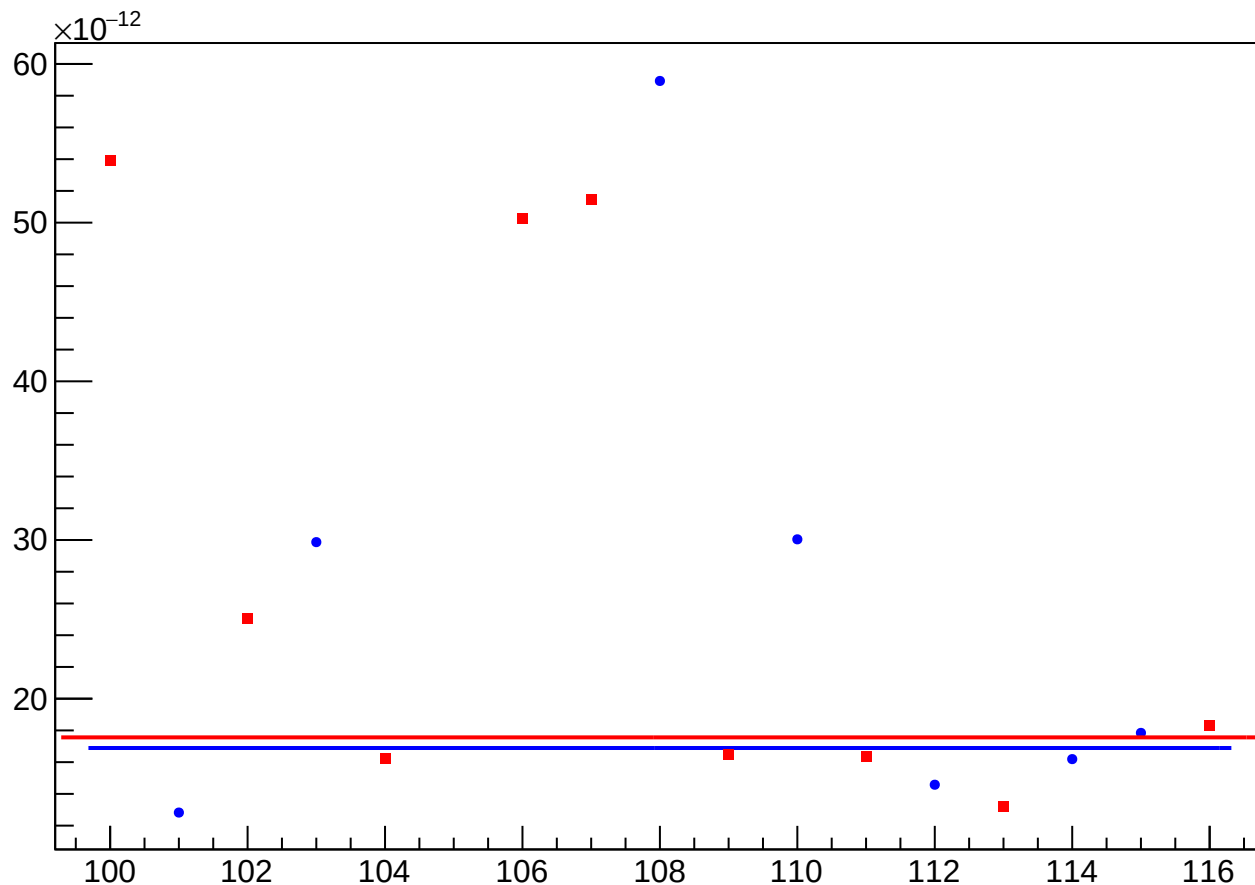
Right: 0.000+/-0.000 χ^2/NDF : 12.4/15

In: -0.000+/-0.000 χ^2/NDF :3.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/15

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 619722.5/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 557132.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

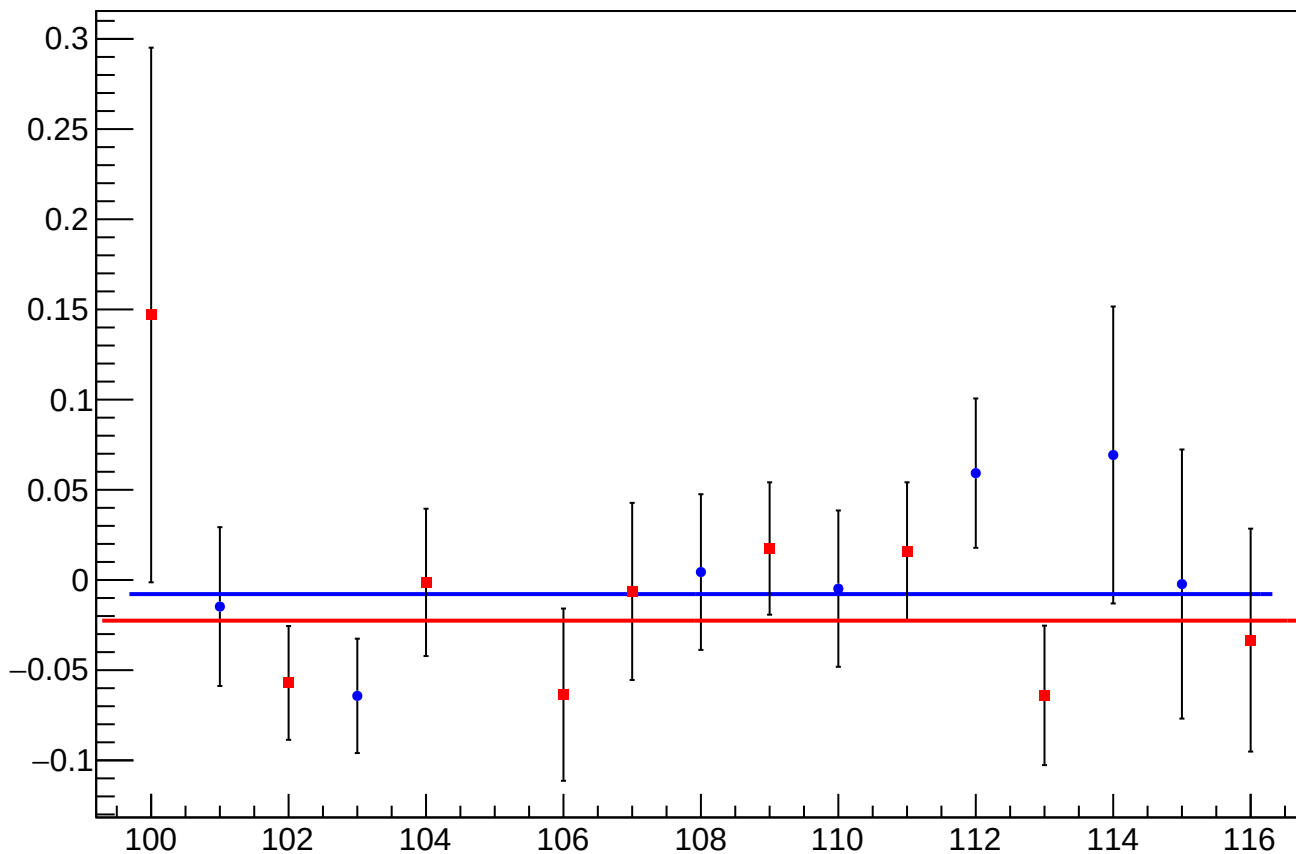
Right: 0.000+/-0.000 χ^2/NDF : 1179456.1/15

In: 0.000+/-0.000 χ^2/NDF : 619722.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1179456.1/15

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.017 χ^2 /NDF: 6.8/6

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

Right Out: -0.023 $\pm$ 0.014 χ^2 /NDF: 7.0/8

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

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

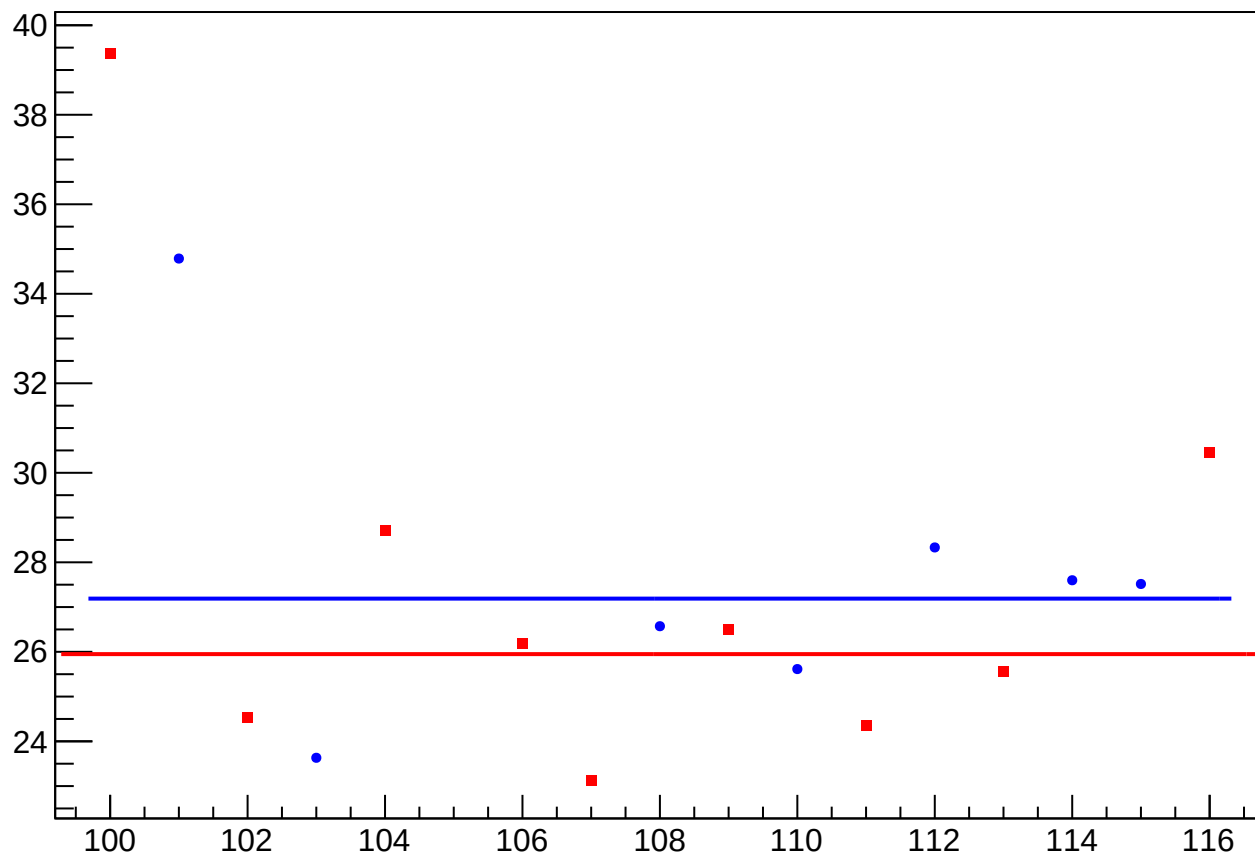
Right: -0.016 $\pm$ 0.011 χ^2 /NDF: 14.2/15

In: -0.008 $\pm$ 0.017 χ^2 /NDF:6.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.011 χ^2 /NDF: 14.2/15

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.189+/-0.012 χ^2/NDF : 89385.8/6

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

Right Out: 25.949+/-0.010 χ^2/NDF : 50940.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

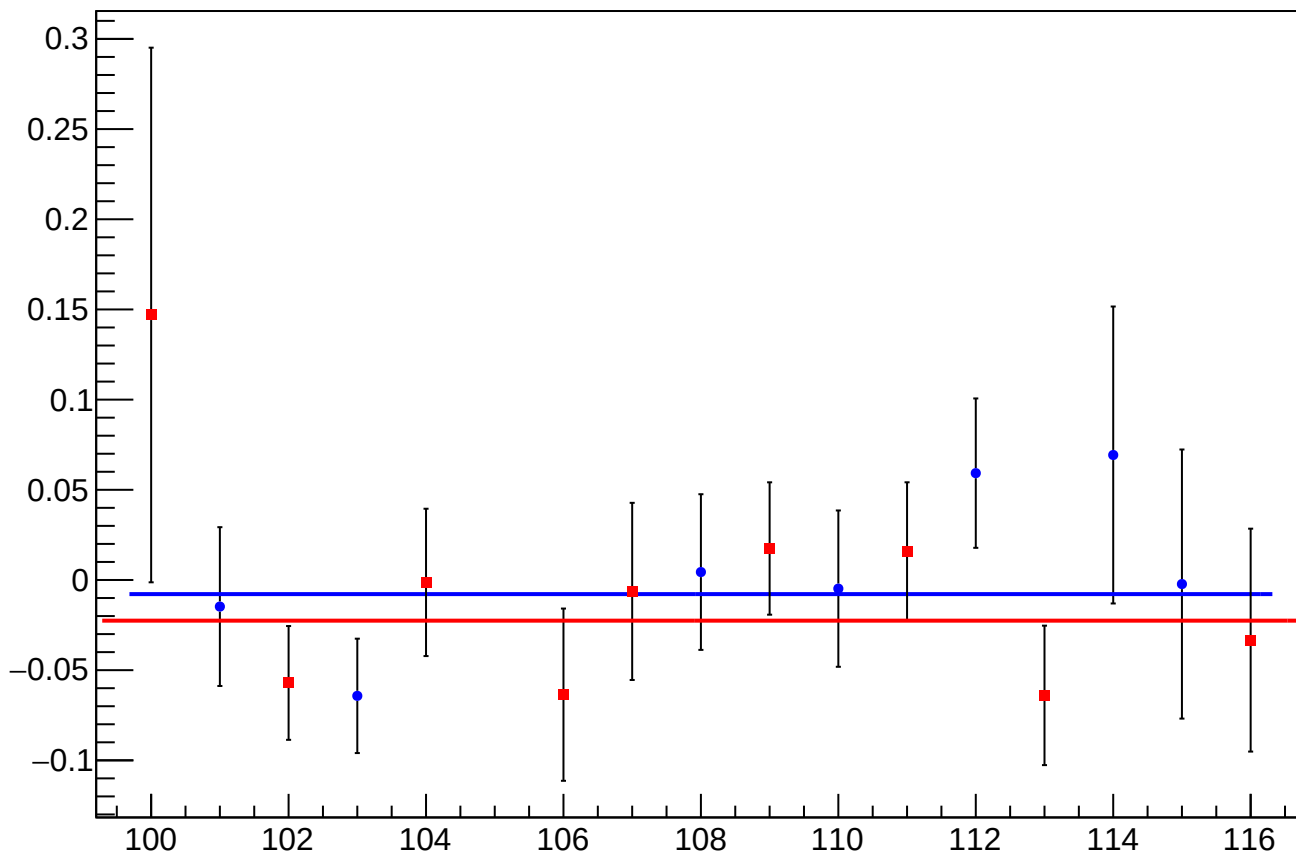
Right: 26.467+/-0.008 χ^2/NDF : 146575.1/15

In: 27.189+/-0.012 χ^2/NDF : 89385.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.467+/-0.008 χ^2/NDF : 146575.1/15

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.017 χ^2 /NDF: 6.8/6

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

Right Out: -0.023 $\pm$ 0.014 χ^2 /NDF: 7.0/8

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

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

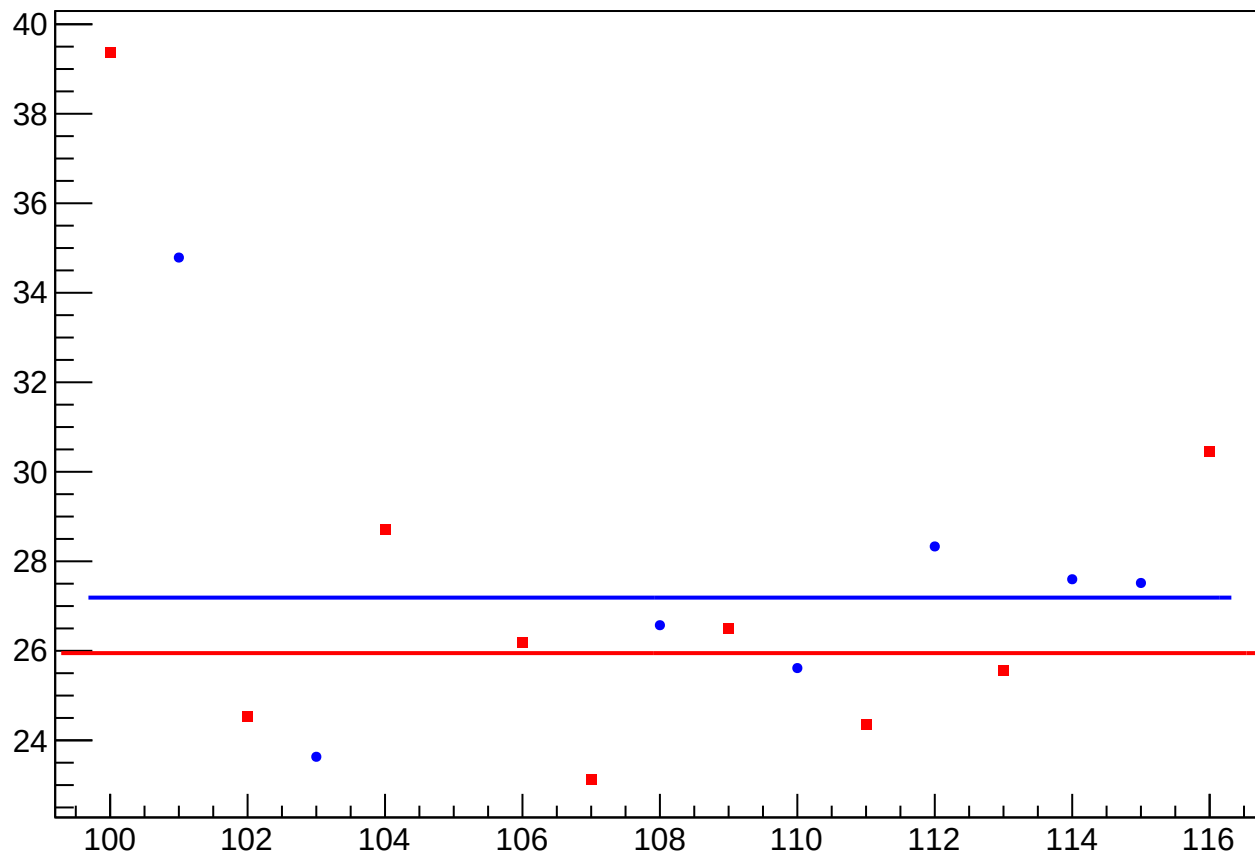
Right: -0.016 $\pm$ 0.011 χ^2 /NDF: 14.2/15

In: -0.008 $\pm$ 0.017 χ^2 /NDF:6.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.011 χ^2 /NDF: 14.2/15

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.189+/-0.012 χ^2/NDF : 89385.8/6

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

Right Out: 25.949+/-0.010 χ^2/NDF : 50940.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

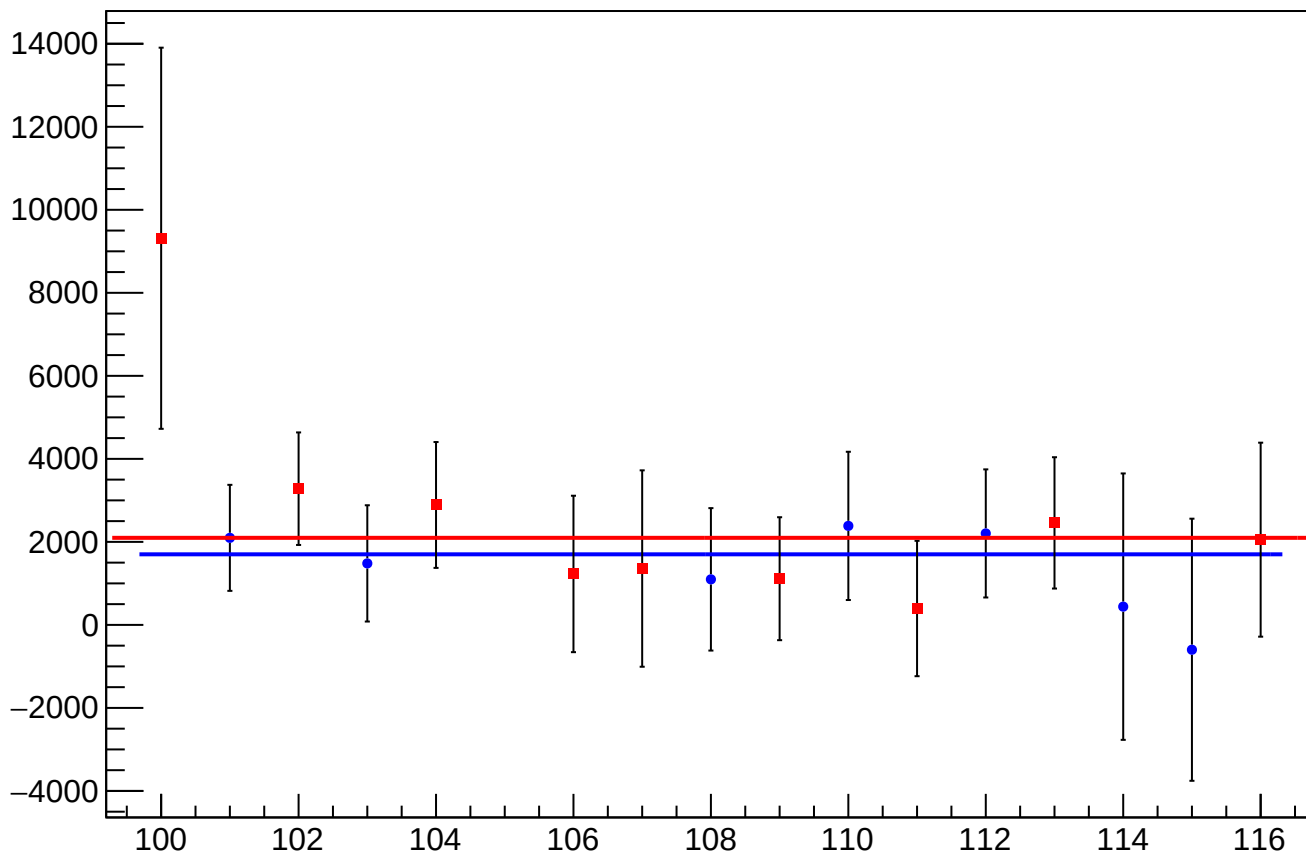
Right: 26.467+/-0.008 χ^2/NDF : 146575.1/15

In: 27.189+/-0.012 χ^2/NDF : 89385.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.467+/-0.008 χ^2/NDF : 146575.1/15

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1700.361+/-646.366 χ^2/NDF : 1.2/6

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

Right Out: 2097.660+/-587.030 χ^2/NDF : 5.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

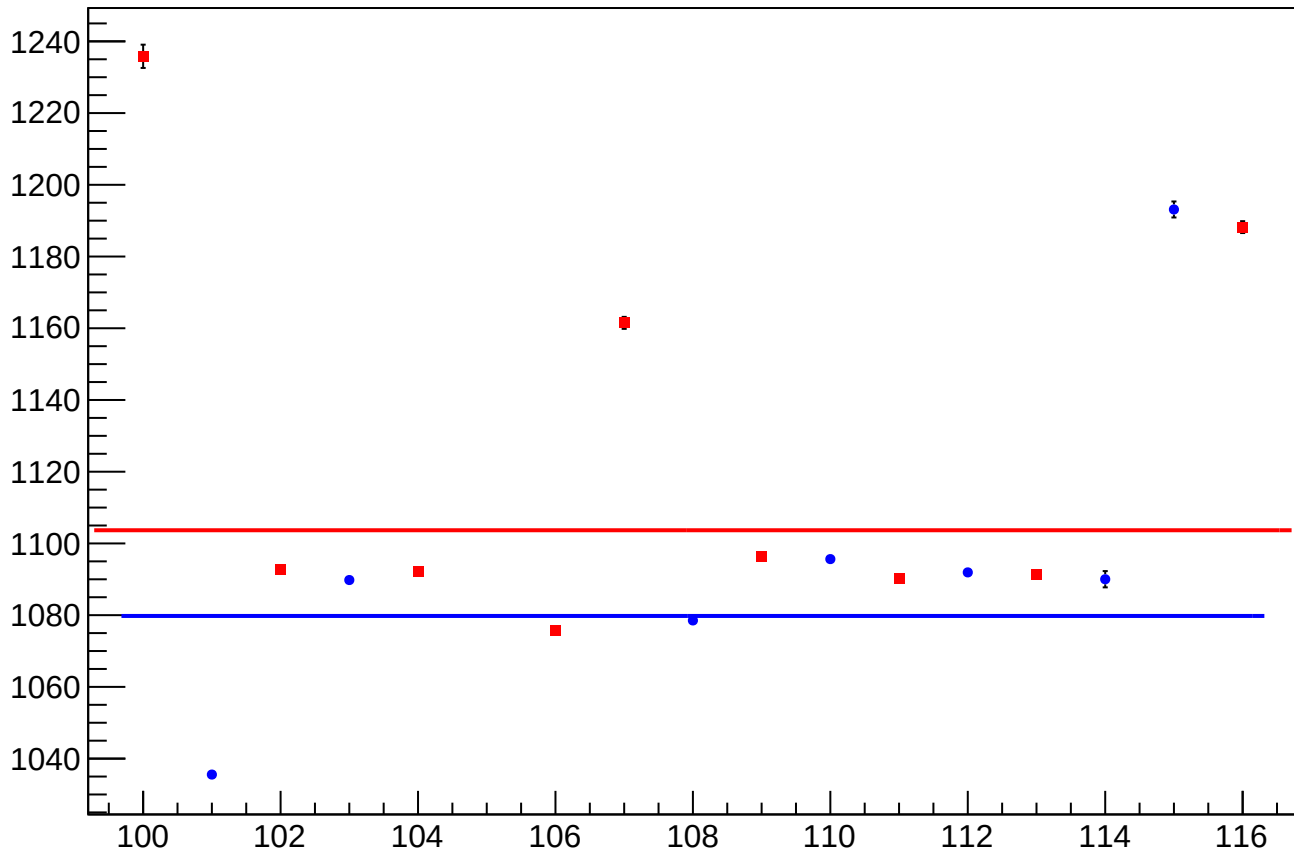
Right: 1918.080+/-434.559 χ^2/NDF : 6.8/15

In: 1700.361+/-646.366 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.080+/-434.559 χ^2/NDF : 6.8/15

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1079.780+/-0.457 χ^2/NDF : 5381.3/6

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

Right Out: 1103.676+/-0.415 χ^2/NDF : 6458.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

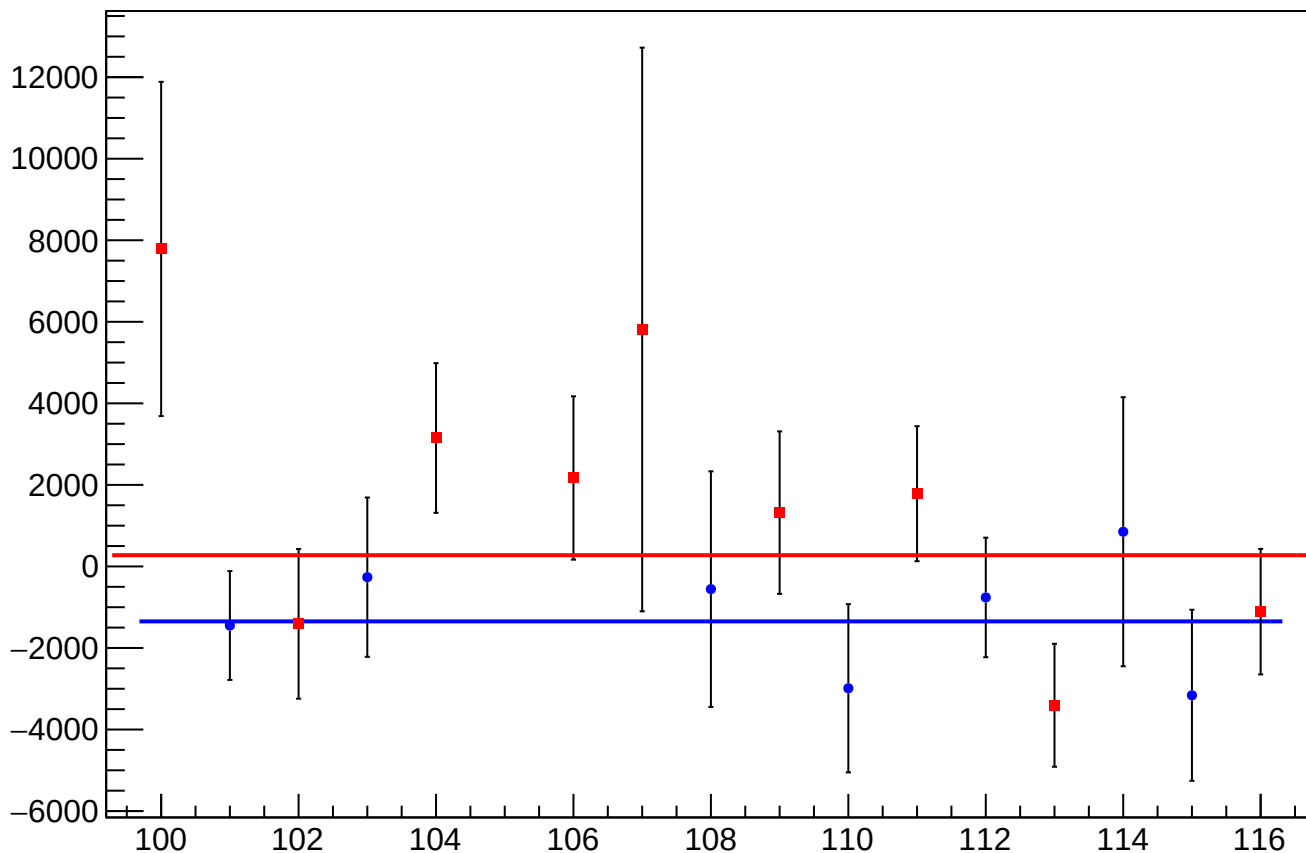
Right: 1092.875+/-0.307 χ^2/NDF : 13337.4/15

In: 1079.780+/-0.457 χ^2/NDF : 5381.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.875+/-0.307 χ^2/NDF : 13337.4/15

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -1348.030+/-713.884 χ^2/NDF : 2.4/6

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

Right Out: 275.283+/-645.299 χ^2/NDF : 16.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

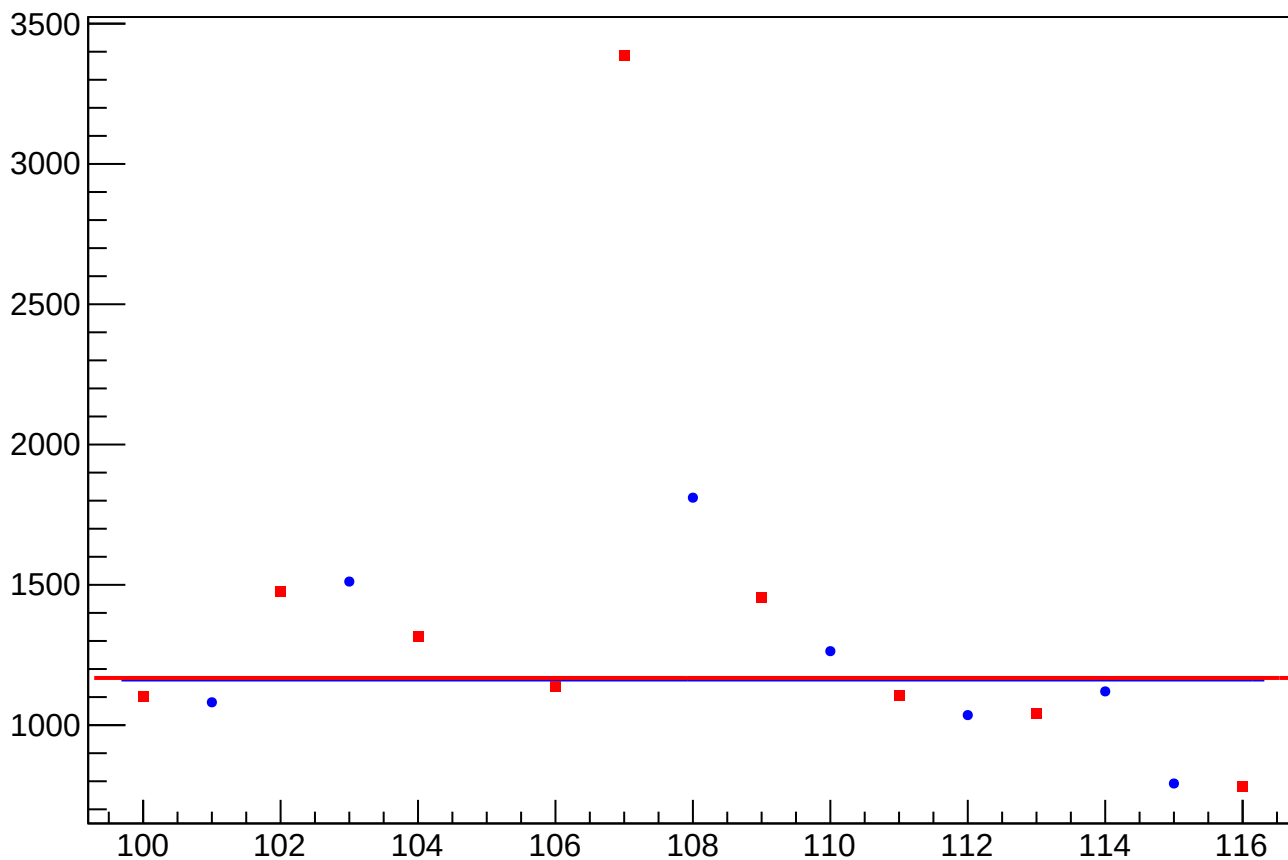
Right: -454.667+/-478.711 χ^2/NDF : 21.3/15

In: -1348.030+/-713.884 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.667+/-478.711 χ^2/NDF : 21.3/15

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 1162.680+/-0.505 χ^2/NDF : 254373.7/6

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

Right Out: 1168.166+/-0.456 χ^2/NDF : 460829.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

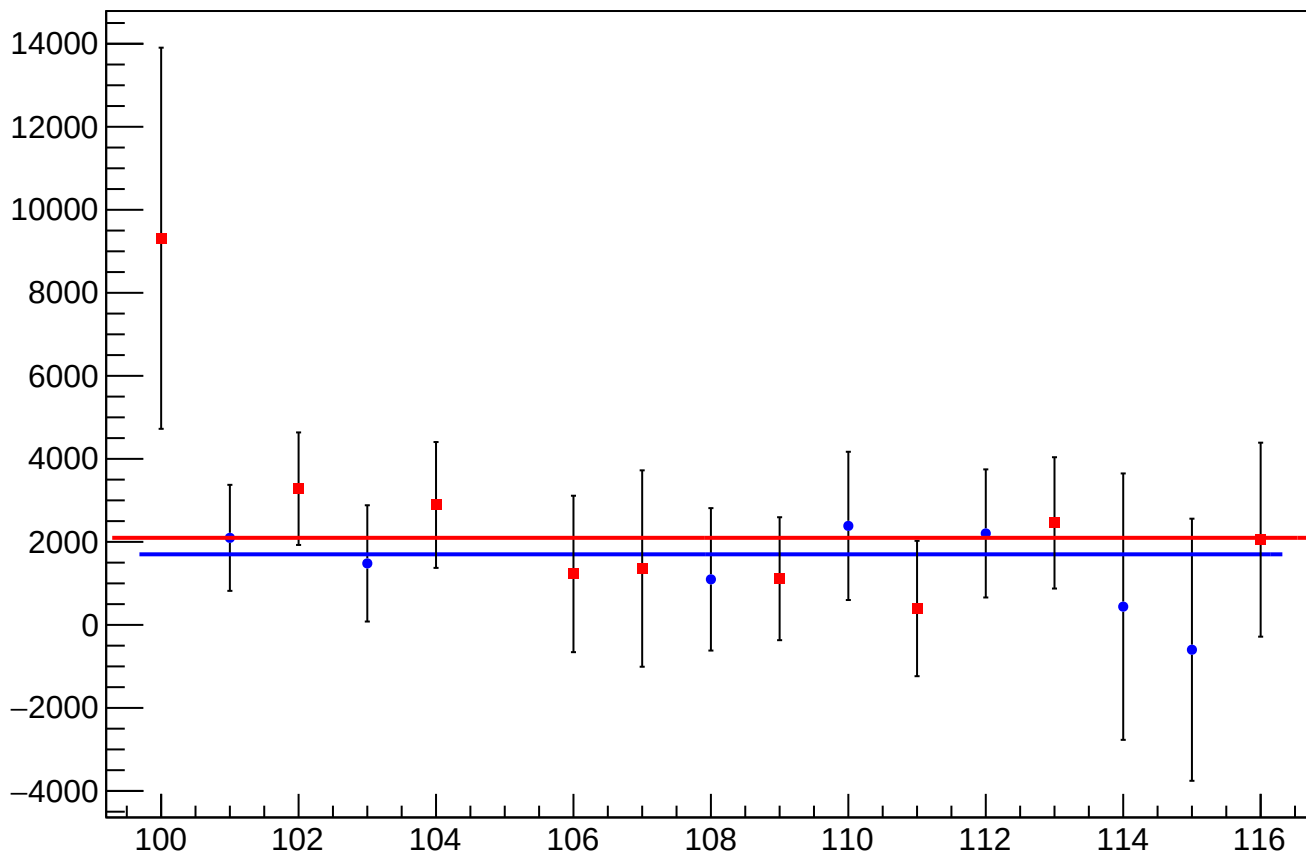
Right: 1165.699+/-0.338 χ^2/NDF : 715268.1/15

In: 1162.680+/-0.505 χ^2/NDF : 254373.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.699+/-0.338 χ^2/NDF : 715268.1/15

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1700.361+/-646.366 χ^2/NDF : 1.2/6

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

Right Out: 2097.660+/-587.030 χ^2/NDF : 5.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

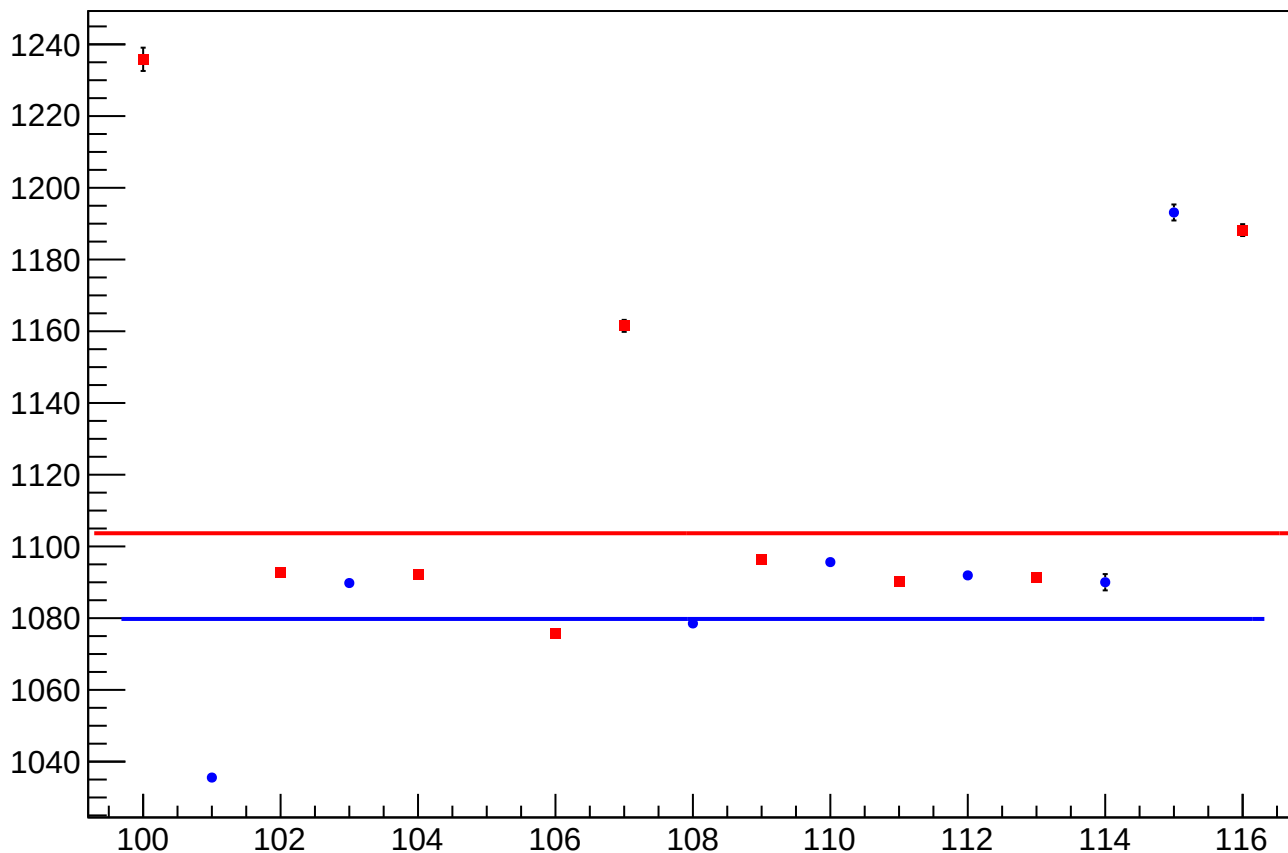
Right: 1918.080+/-434.559 χ^2/NDF : 6.8/15

In: 1700.361+/-646.366 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.080+/-434.559 χ^2/NDF : 6.8/15

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1079.780 $\pm$ 0.457 χ^2 /NDF: 5381.3/6

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

Right Out: 1103.676 $\pm$ 0.415 χ^2 /NDF: 6458.1/8

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

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

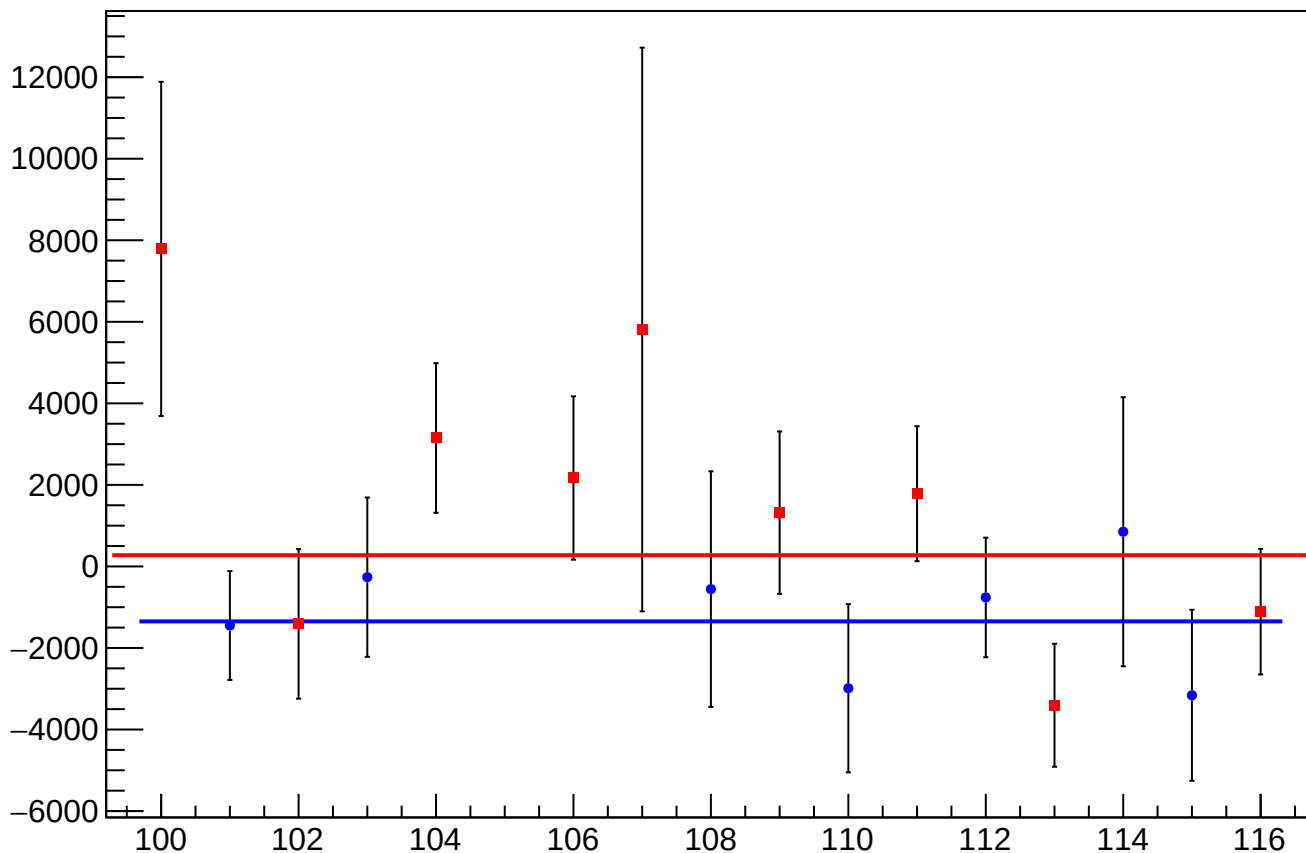
Right: 1092.875 $\pm$ 0.307 χ^2 /NDF: 13337.4/15

In: 1079.780 $\pm$ 0.457 χ^2 /NDF: 5381.3/6

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

All: 1092.875 $\pm$ 0.307 χ^2 /NDF: 13337.4/15

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -1348.030+/-713.884 χ^2/NDF : 2.4/6

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

Right Out: 275.283+/-645.299 χ^2/NDF : 16.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

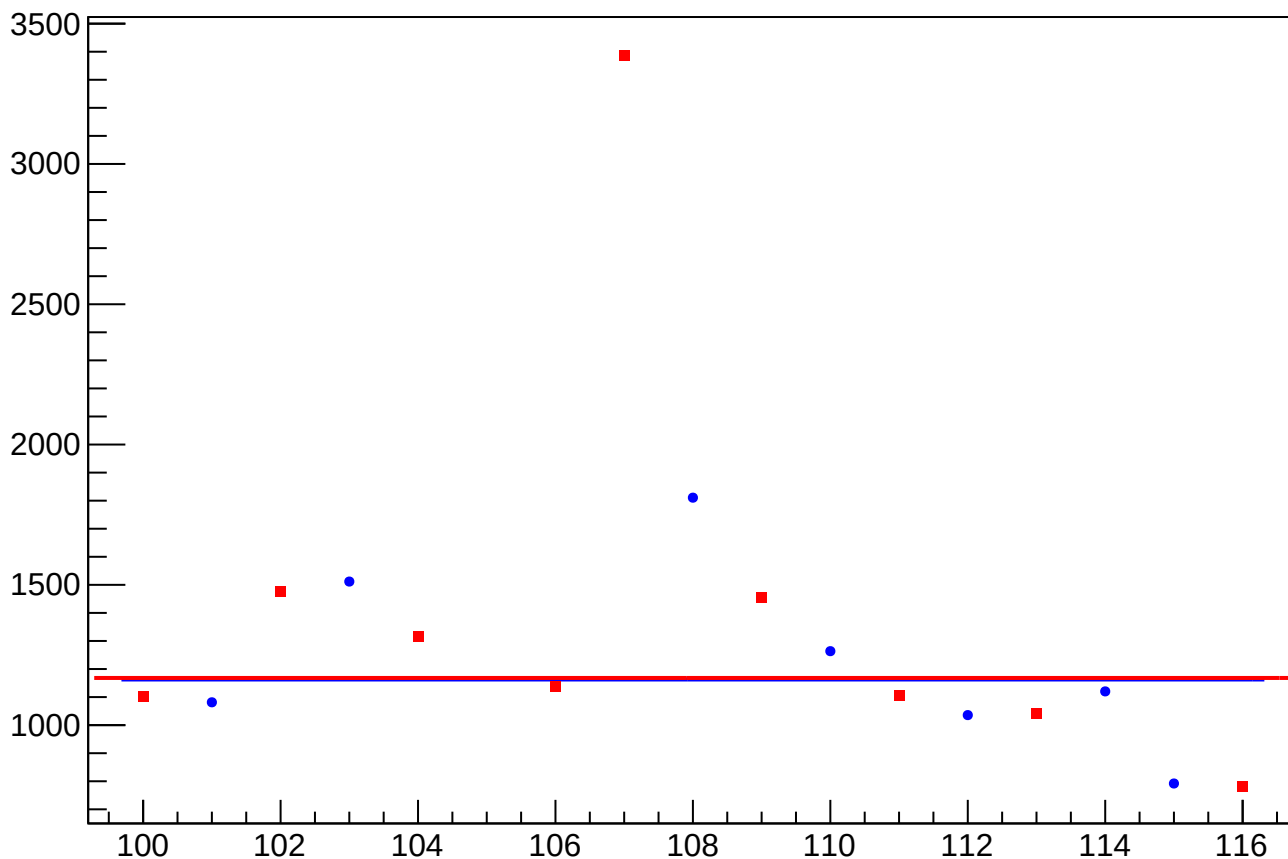
Right: -454.667+/-478.711 χ^2/NDF : 21.3/15

In: -1348.030+/-713.884 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.667+/-478.711 χ^2/NDF : 21.3/15

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1162.680+/-0.505 χ^2/NDF : 254373.7/6

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

Right Out: 1168.166+/-0.456 χ^2/NDF : 460829.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

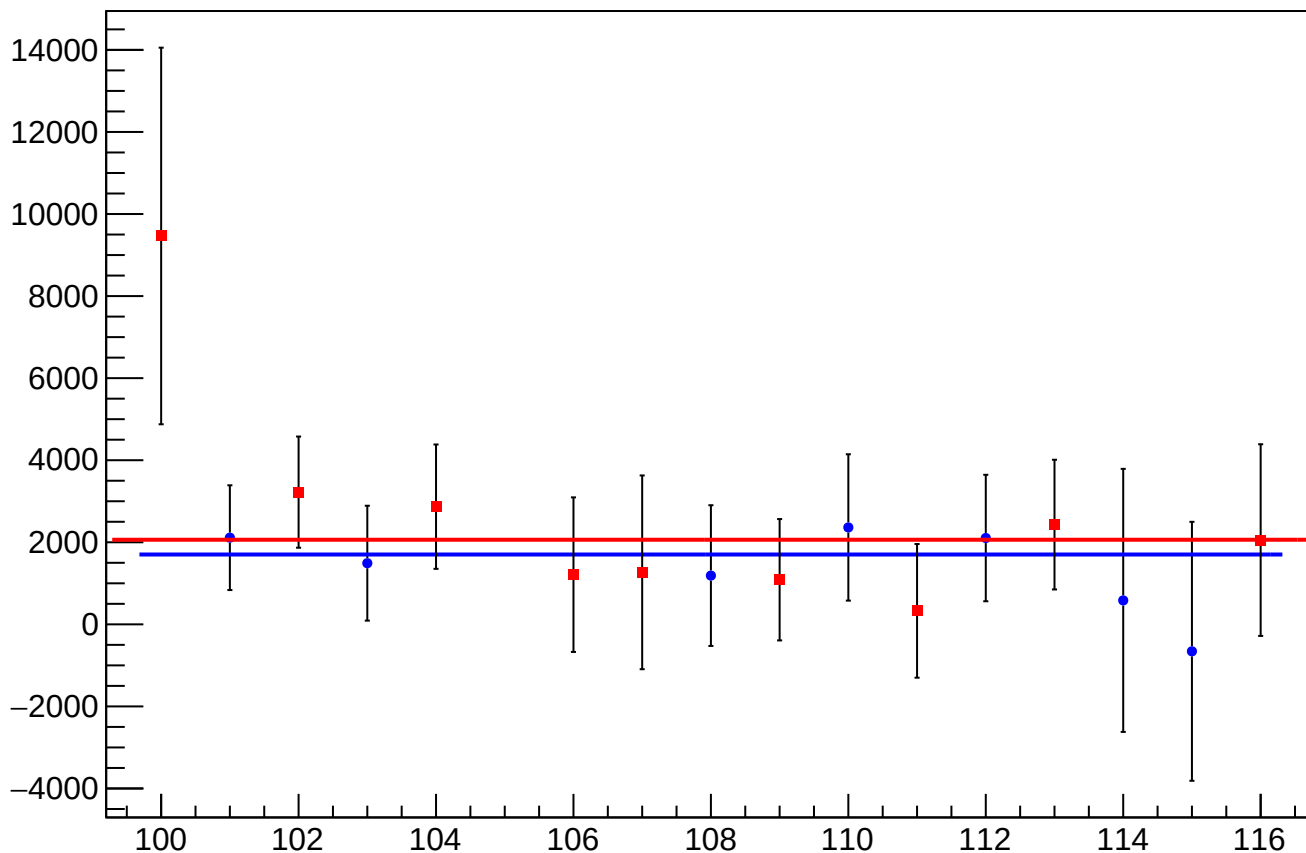
Right: 1165.699+/-0.338 χ^2/NDF : 715268.1/15

In: 1162.680+/-0.505 χ^2/NDF : 254373.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.699+/-0.338 χ^2/NDF : 715268.1/15

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1702.070 $\pm$ 645.858 χ^2/NDF : 1.1/6

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

Right Out: 2061.832 $\pm$ 586.533 χ^2/NDF : 5.6/8

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

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

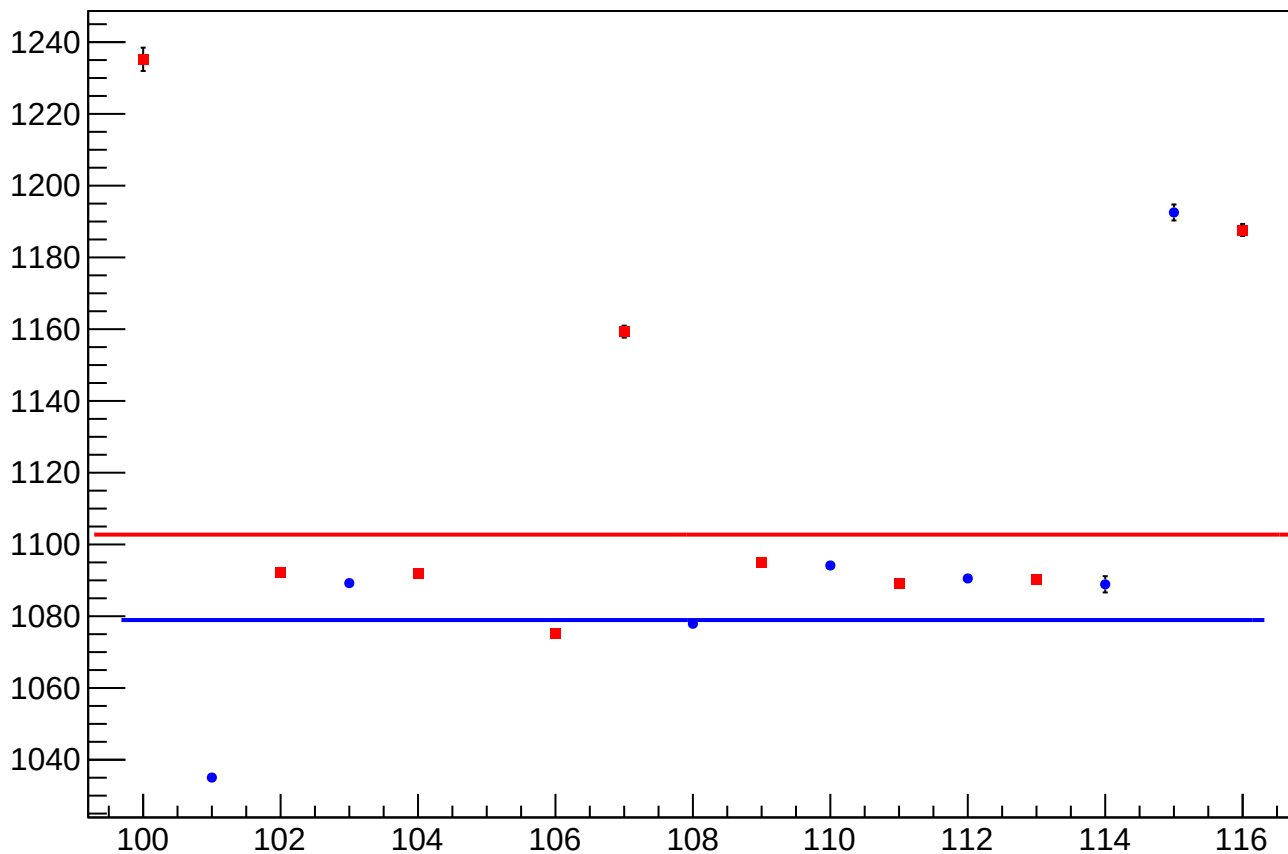
Right: 1899.229 $\pm$ 434.204 χ^2/NDF : 6.8/15

In: 1702.070 $\pm$ 645.858 χ^2/NDF : 1.1/6

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

All: 1899.229 $\pm$ 434.204 χ^2/NDF : 6.8/15

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1078.936+/-0.457 χ^2/NDF : 5343.6/6

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

Right Out: 1102.746+/-0.415 χ^2/NDF : 6431.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

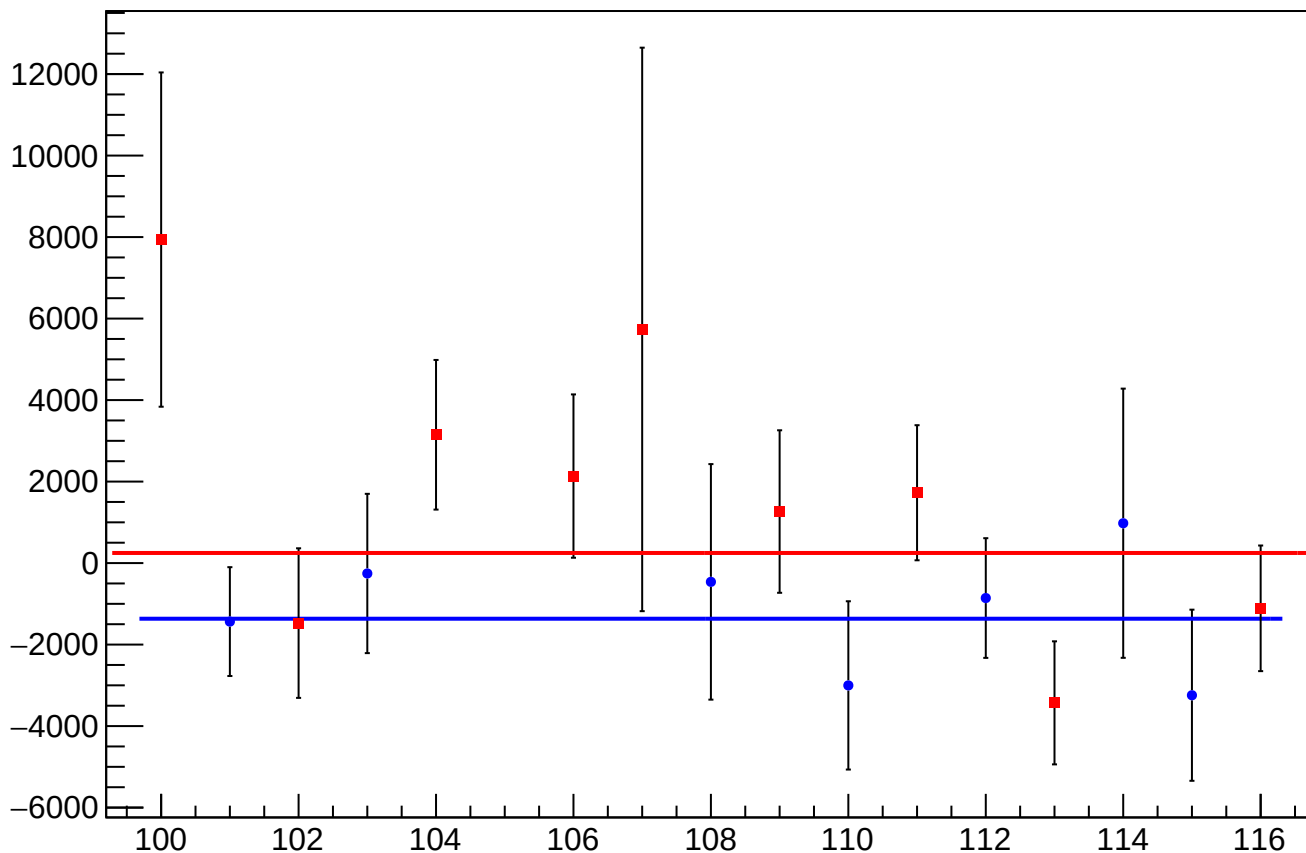
Right: 1091.985+/-0.307 χ^2/NDF : 13264.5/15

In: 1078.936+/-0.457 χ^2/NDF : 5343.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.985+/-0.307 χ^2/NDF : 13264.5/15

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1365.345+/-714.461 χ^2/NDF : 2.5/6

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

Right Out: 248.208+/-645.788 χ^2/NDF : 16.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

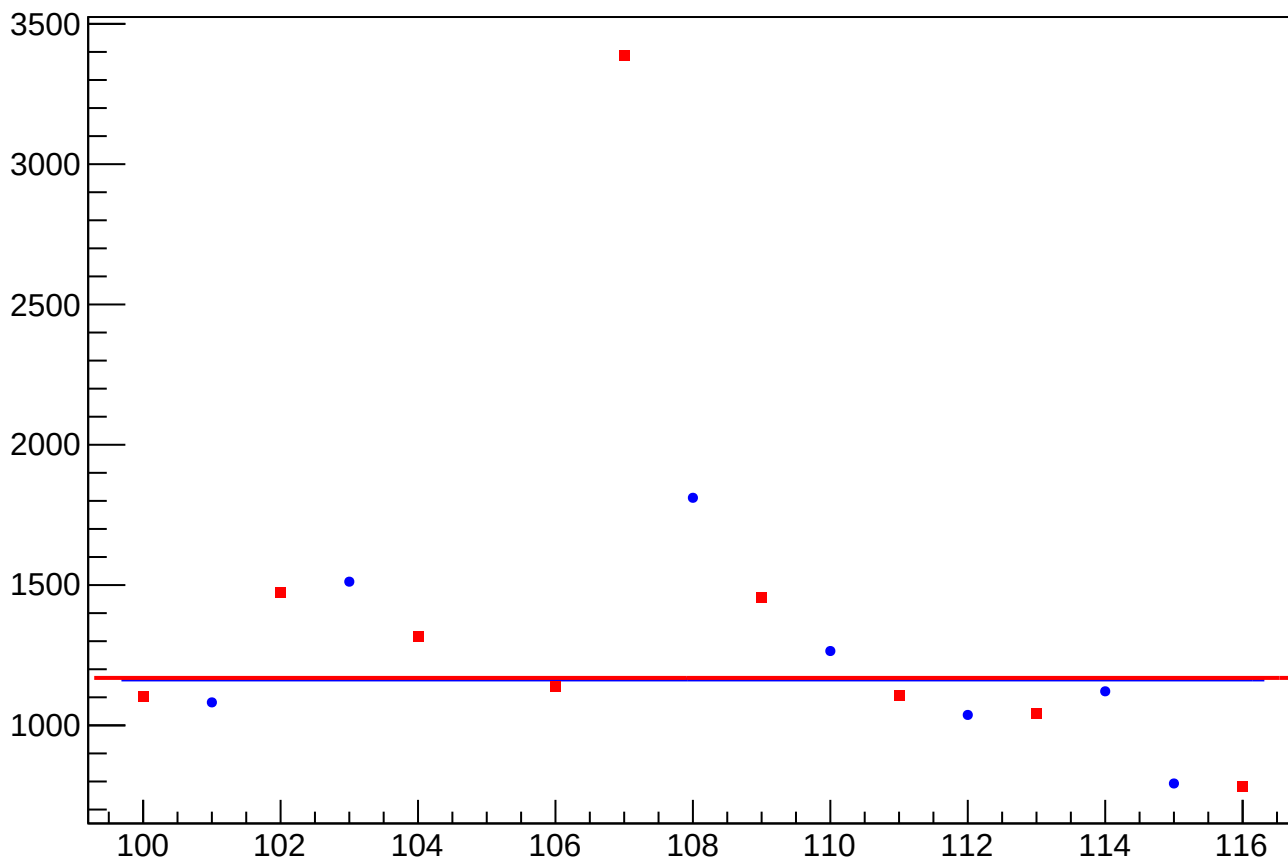
Right: -477.315+/-479.085 χ^2/NDF : 21.5/15

In: -1365.345+/-714.461 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -477.315+/-479.085 χ^2/NDF : 21.5/15

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1163.689+/-0.505 χ^2/NDF : 253744.2/6

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

Right Out: 1169.123+/-0.457 χ^2/NDF : 460150.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

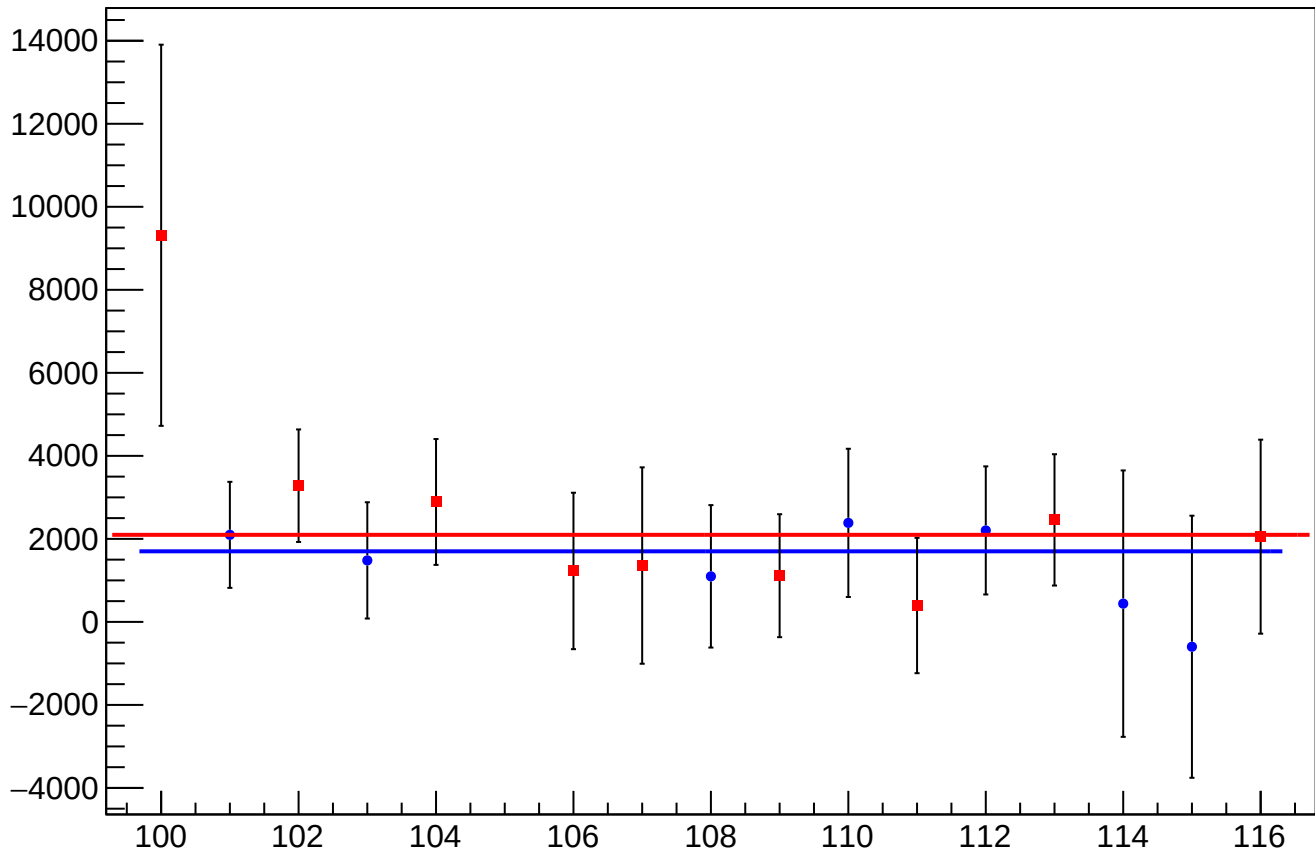
Right: 1166.680+/-0.339 χ^2/NDF : 713958.5/15

In: 1163.689+/-0.505 χ^2/NDF : 253744.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1166.680+/-0.339 χ^2/NDF : 713958.5/15

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1700.361+/-646.366 χ^2/NDF : 1.2/6

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

Right Out: 2097.660+/-587.030 χ^2/NDF : 5.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

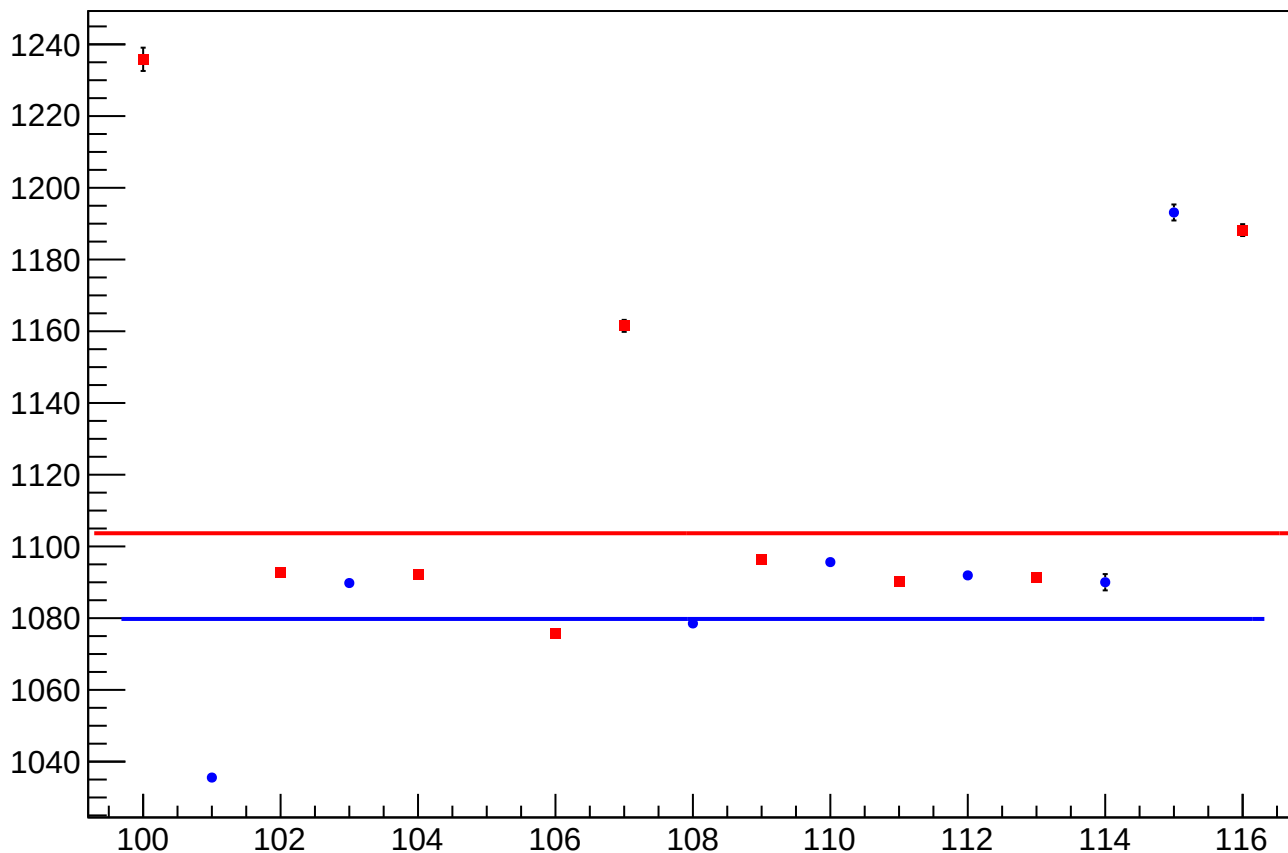
Right: 1918.080+/-434.559 χ^2/NDF : 6.8/15

In: 1700.361+/-646.366 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.080+/-434.559 χ^2/NDF : 6.8/15

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1079.780+/-0.457 χ^2/NDF : 5381.3/6

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

Right Out: 1103.676+/-0.415 χ^2/NDF : 6458.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

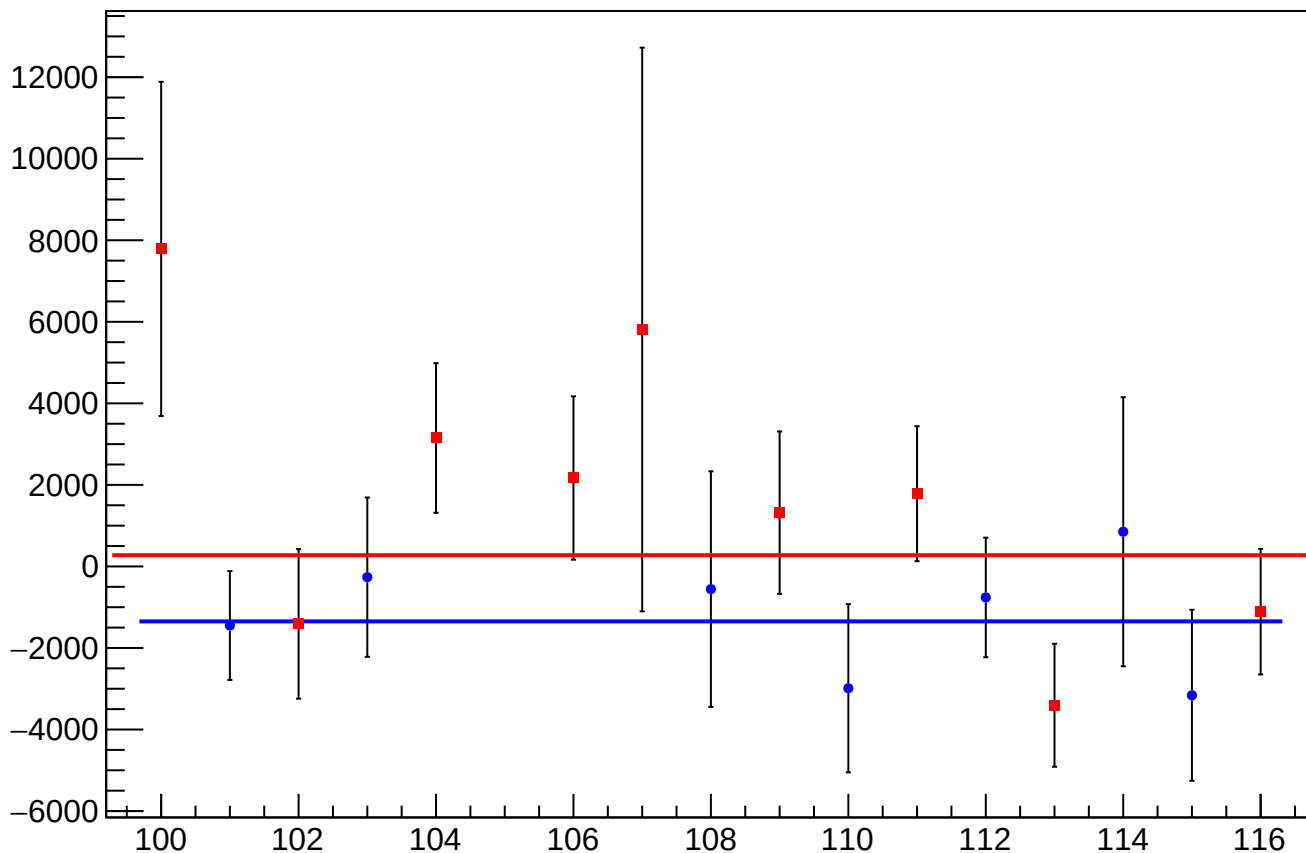
Right: 1092.875+/-0.307 χ^2/NDF : 13337.4/15

In: 1079.780+/-0.457 χ^2/NDF : 5381.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.875+/-0.307 χ^2/NDF : 13337.4/15

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1348.030+/-713.884 χ^2/NDF : 2.4/6

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

Right Out: 275.283+/-645.299 χ^2/NDF : 16.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

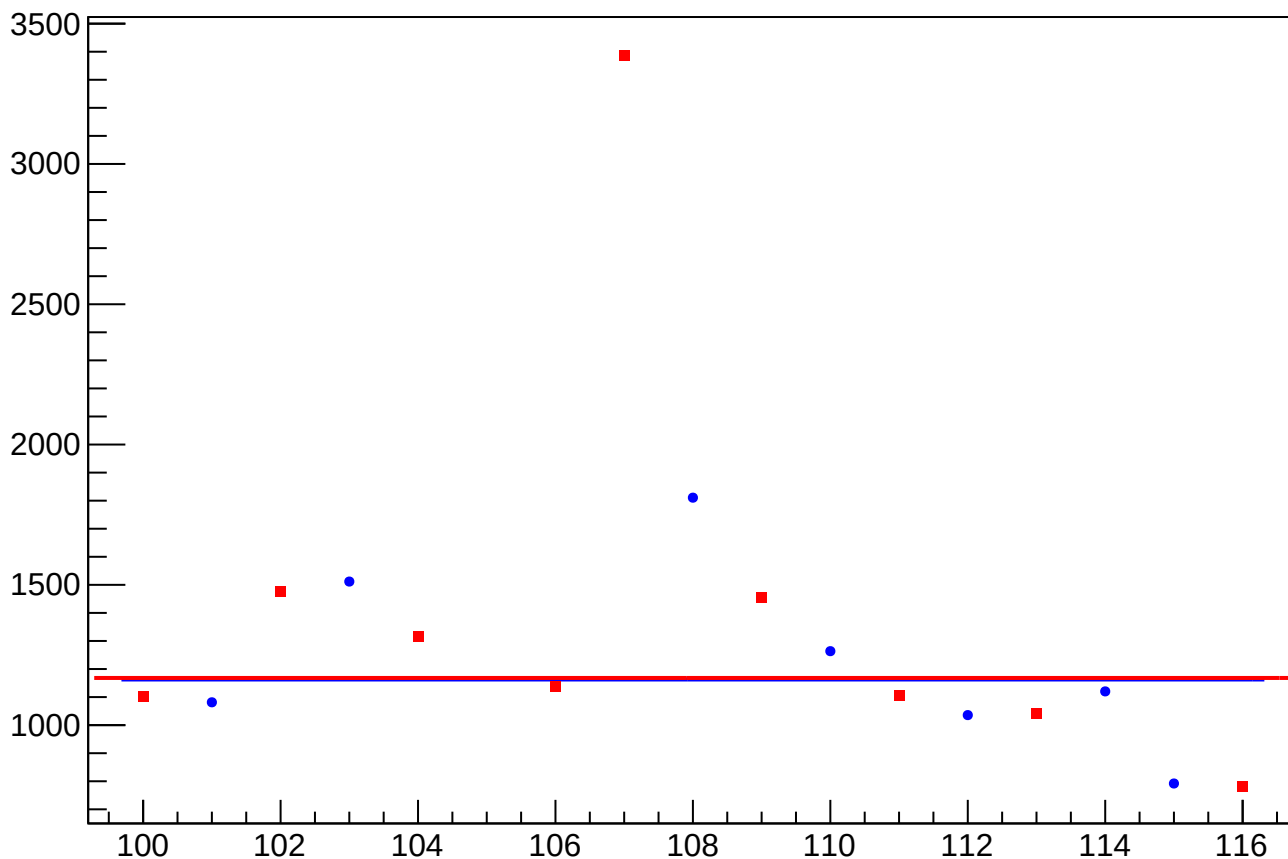
Right: -454.667+/-478.711 χ^2/NDF : 21.3/15

In: -1348.030+/-713.884 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.667+/-478.711 χ^2/NDF : 21.3/15

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1162.680+/-0.505 χ^2/NDF : 254373.7/6

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

Right Out: 1168.166+/-0.456 χ^2/NDF : 460829.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

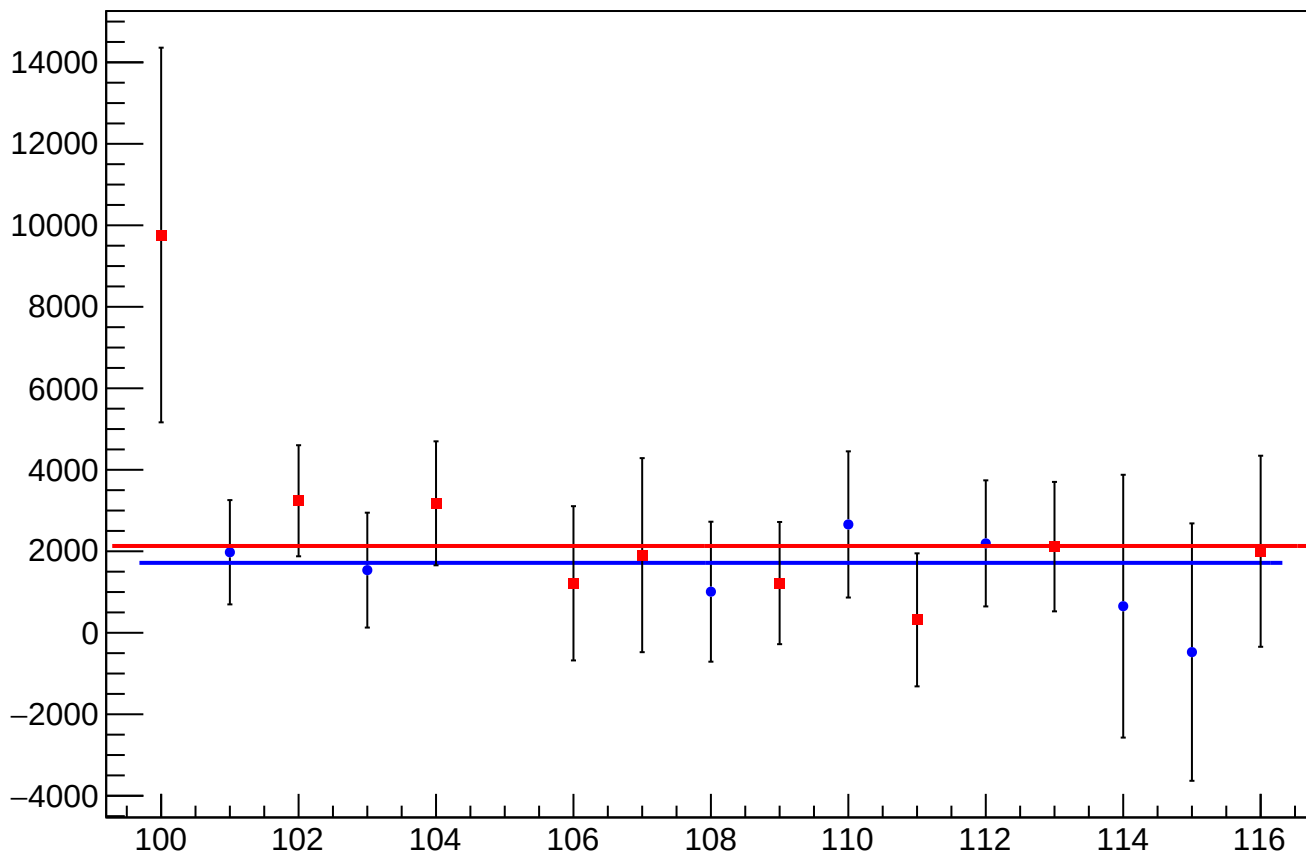
Right: 1165.699+/-0.338 χ^2/NDF : 715268.1/15

In: 1162.680+/-0.505 χ^2/NDF : 254373.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.699+/-0.338 χ^2/NDF : 715268.1/15

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1716.251+/-648.554 χ^2/NDF : 1.2/6

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

Right Out: 2130.484+/-590.118 χ^2/NDF : 5.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

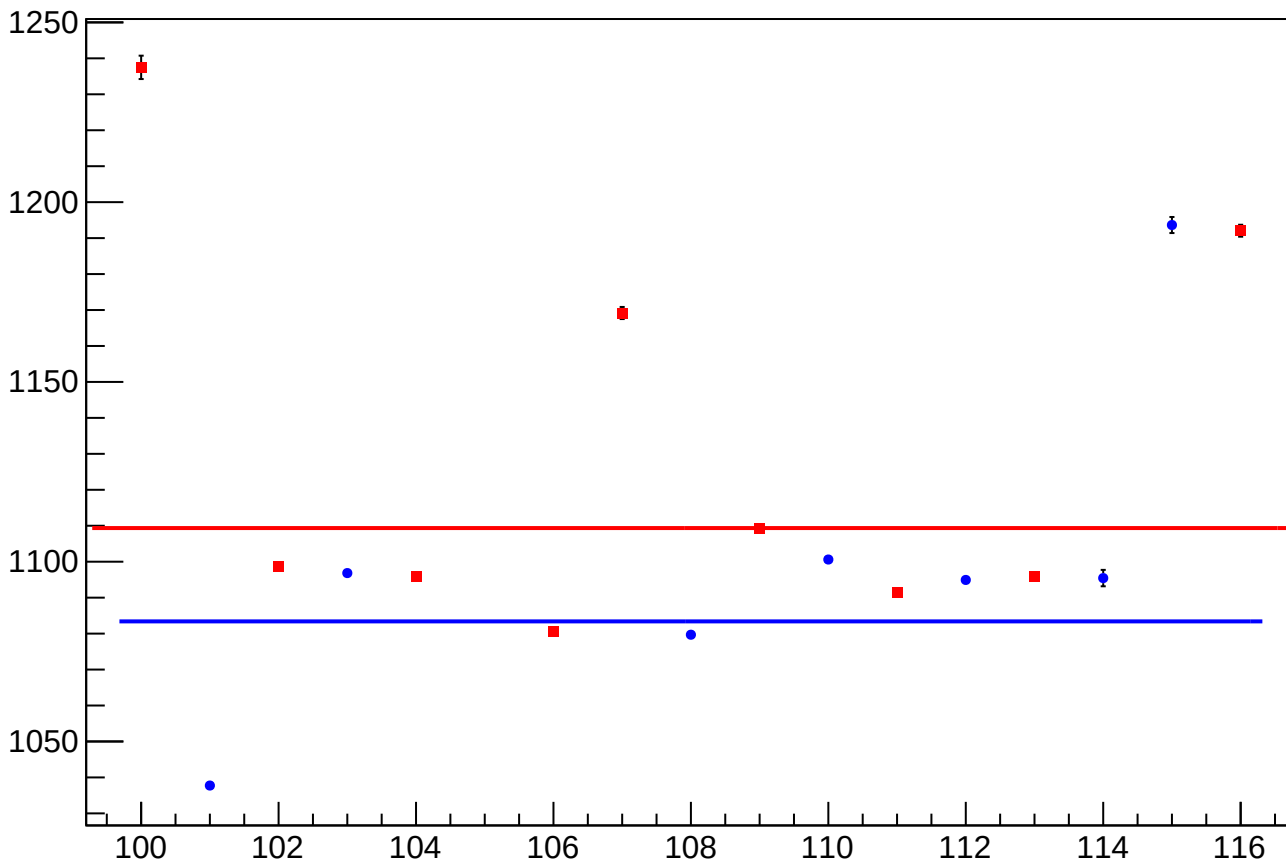
Right: 1942.866+/-436.477 χ^2/NDF : 7.2/15

In: 1716.251+/-648.554 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.866+/-436.477 χ^2/NDF : 7.2/15

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1083.399+/-0.459 χ^2/NDF : 5495.7/6

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

Right Out: 1109.356+/-0.417 χ^2/NDF : 6429.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

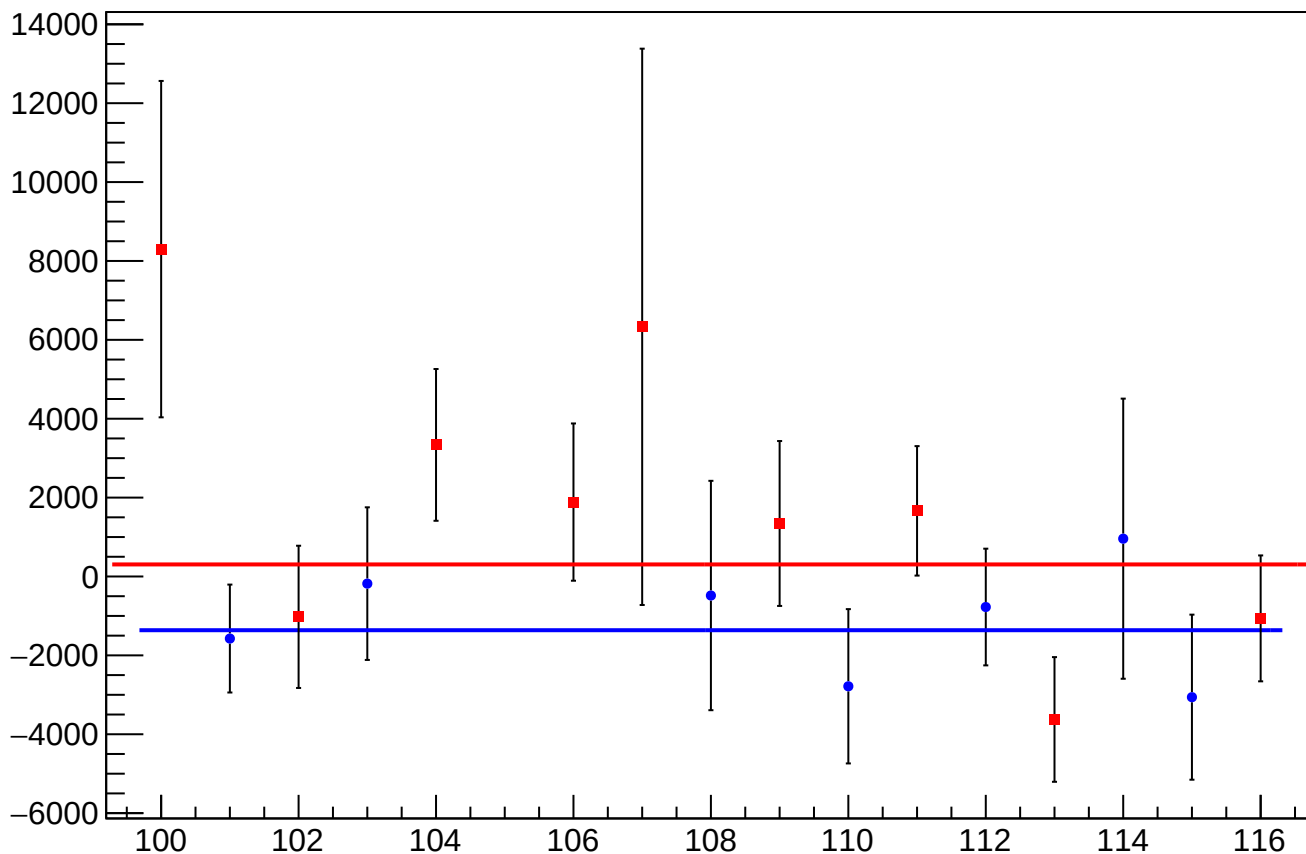
Right: 1097.599+/-0.309 χ^2/NDF : 13678.2/15

In: 1083.399+/-0.459 χ^2/NDF : 5495.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.599+/-0.309 χ^2/NDF : 13678.2/15

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -1362.190+/-716.908 χ^2/NDF : 2.3/6

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

Right Out: 305.622+/-659.782 χ^2/NDF : 15.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

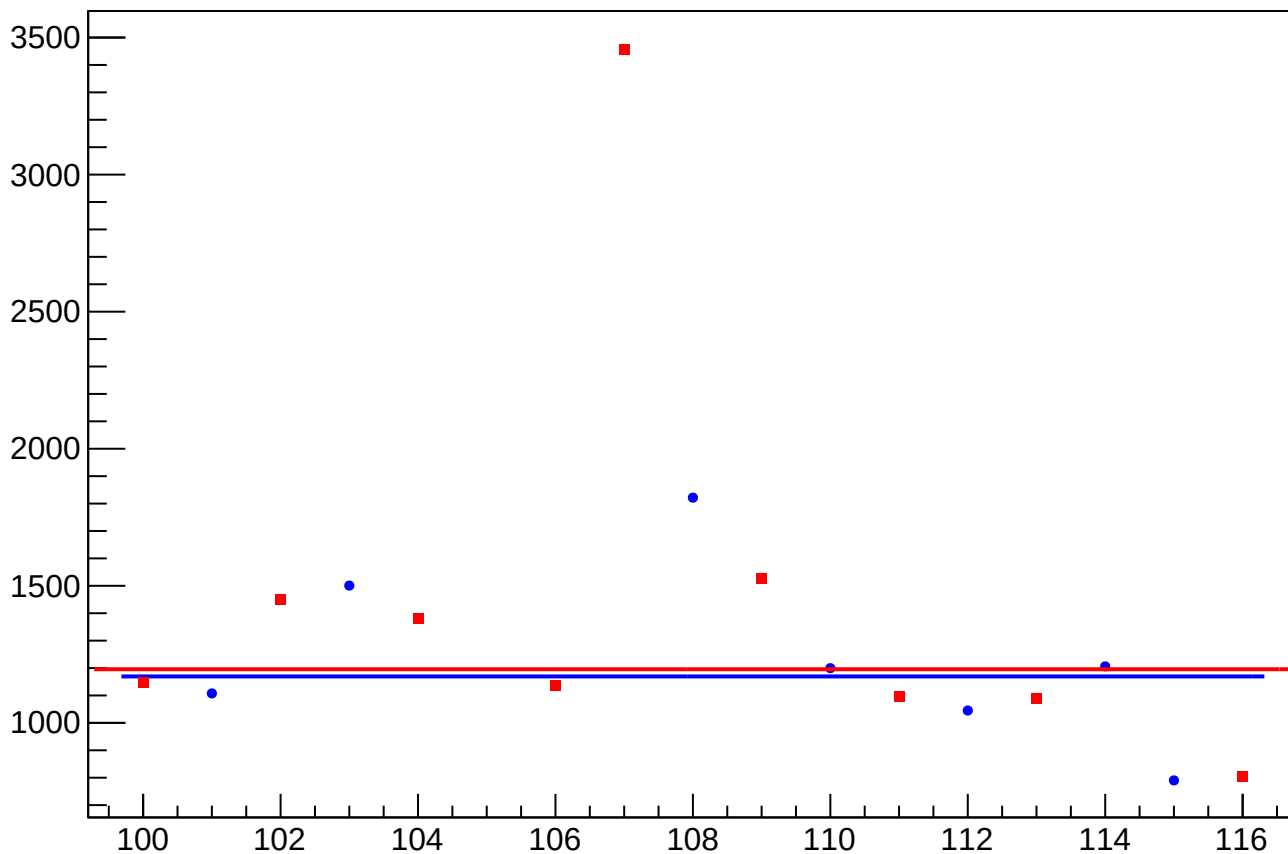
Right: -459.196+/-485.478 χ^2/NDF : 20.9/15

In: -1362.190+/-716.908 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.196+/-485.478 χ^2/NDF : 20.9/15

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1169.400+/-0.507 χ^2/NDF : 243862.3/6

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

Right Out: 1195.694+/-0.467 χ^2/NDF : 452074.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

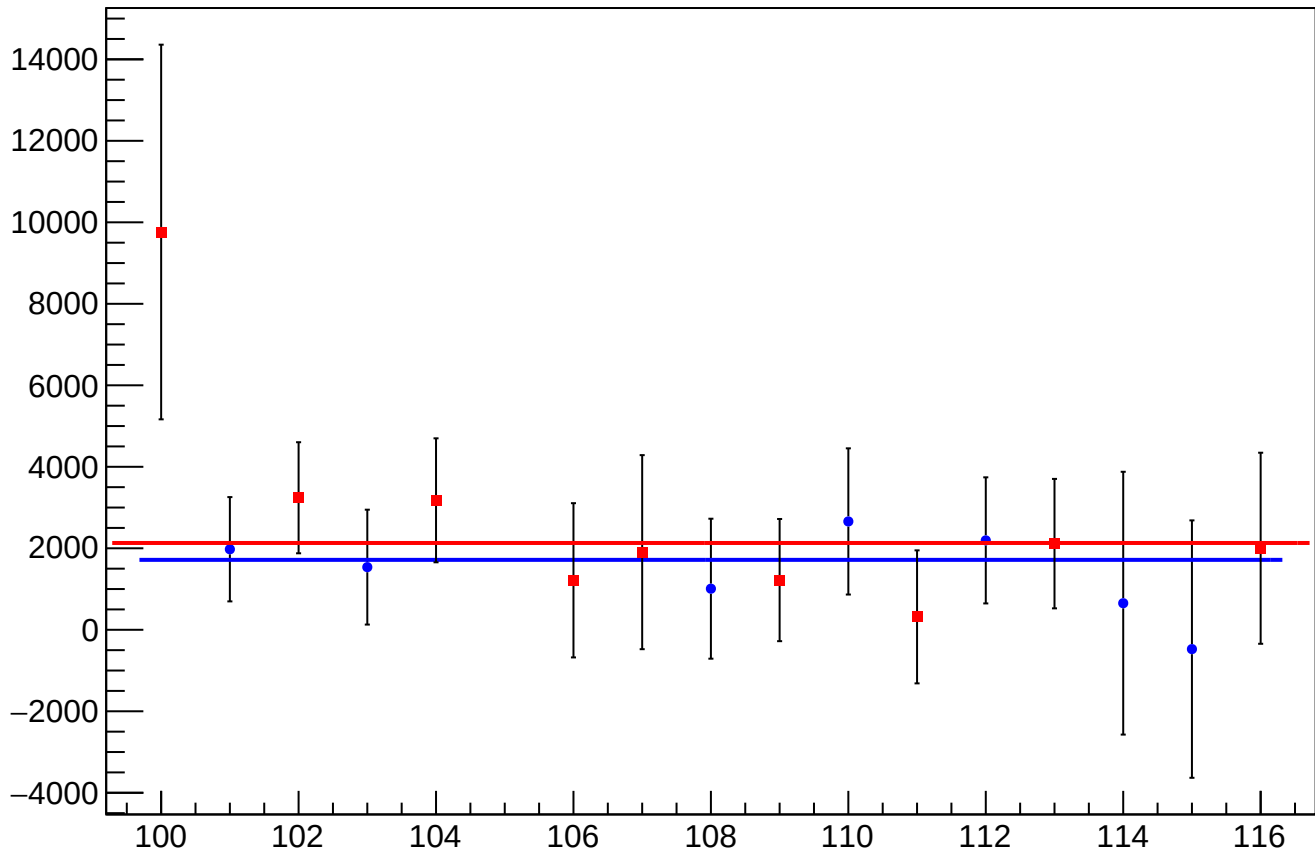
Right: 1183.636+/-0.343 χ^2/NDF : 697392.9/15

In: 1169.400+/-0.507 χ^2/NDF : 243862.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.636+/-0.343 χ^2/NDF : 697392.9/15

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1716.252+/-648.554 χ^2/NDF : 1.2/6

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

Right Out: 2130.481+/-590.118 χ^2/NDF : 5.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

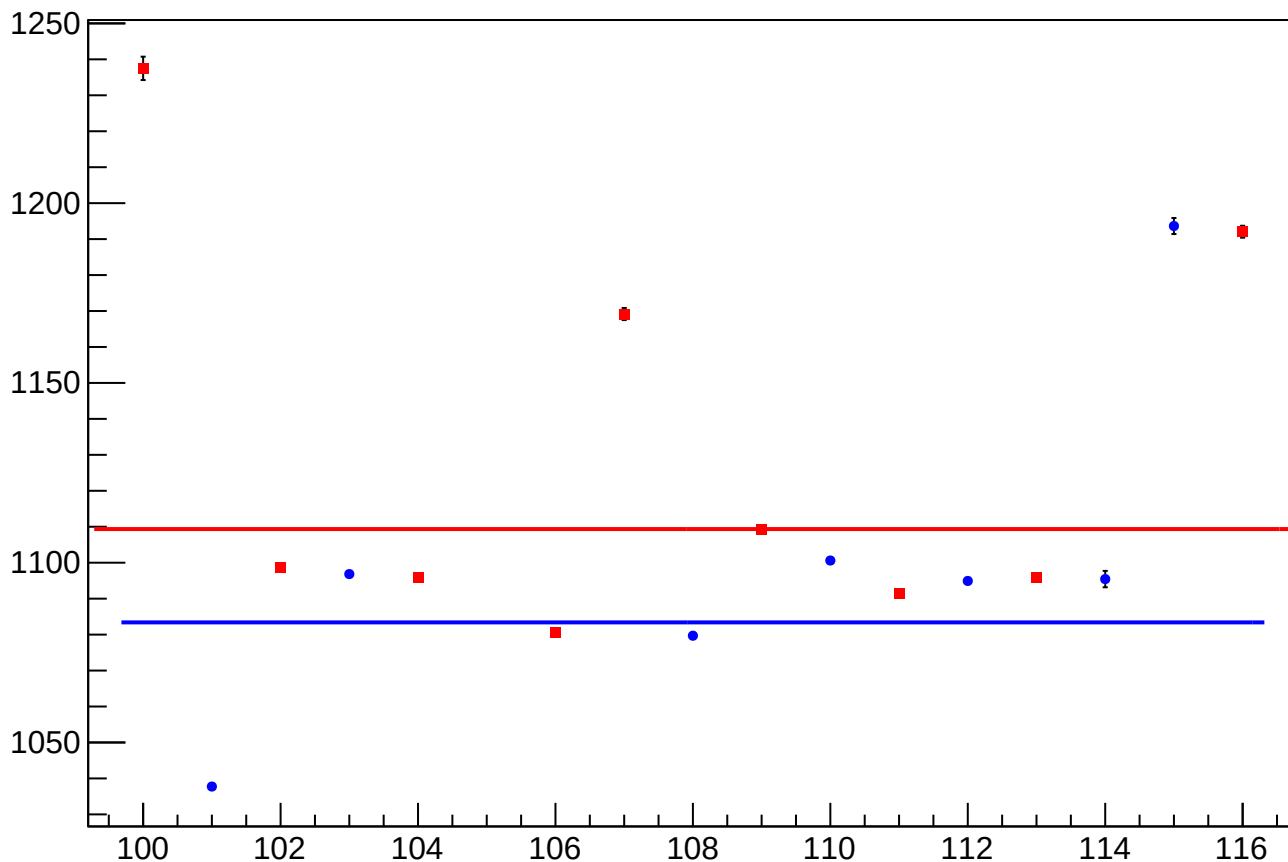
Right: 1942.865+/-436.477 χ^2/NDF : 7.2/15

In: 1716.252+/-648.554 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.865+/-436.477 χ^2/NDF : 7.2/15

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1083.399+/-0.459 χ^2/NDF : 5495.7/6

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

Right Out: 1109.356+/-0.417 χ^2/NDF : 6429.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

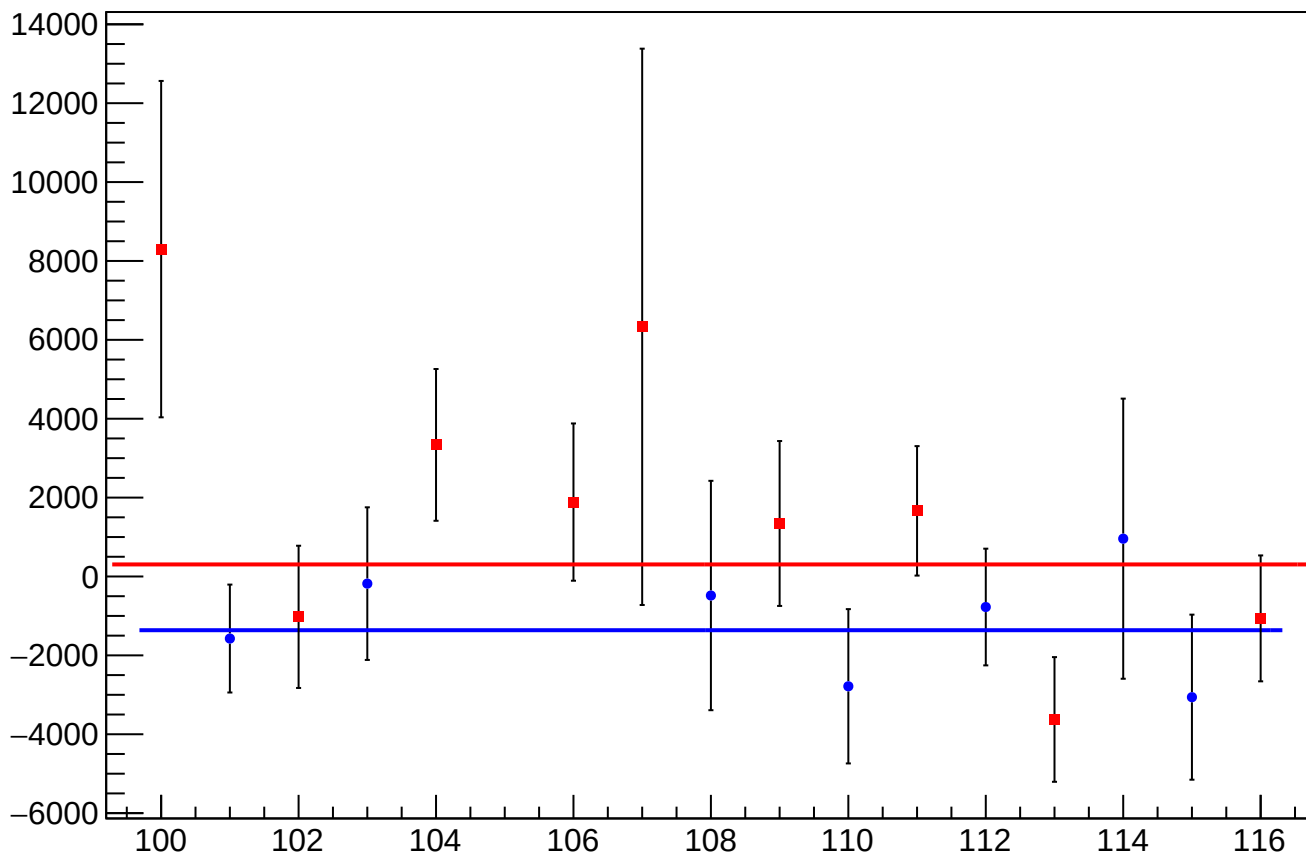
Right: 1097.599+/-0.309 χ^2/NDF : 13678.2/15

In: 1083.399+/-0.459 χ^2/NDF : 5495.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.599+/-0.309 χ^2/NDF : 13678.2/15

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1362.189+/-716.908 χ^2/NDF : 2.3/6

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

Right Out: 305.622+/-659.781 χ^2/NDF : 15.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

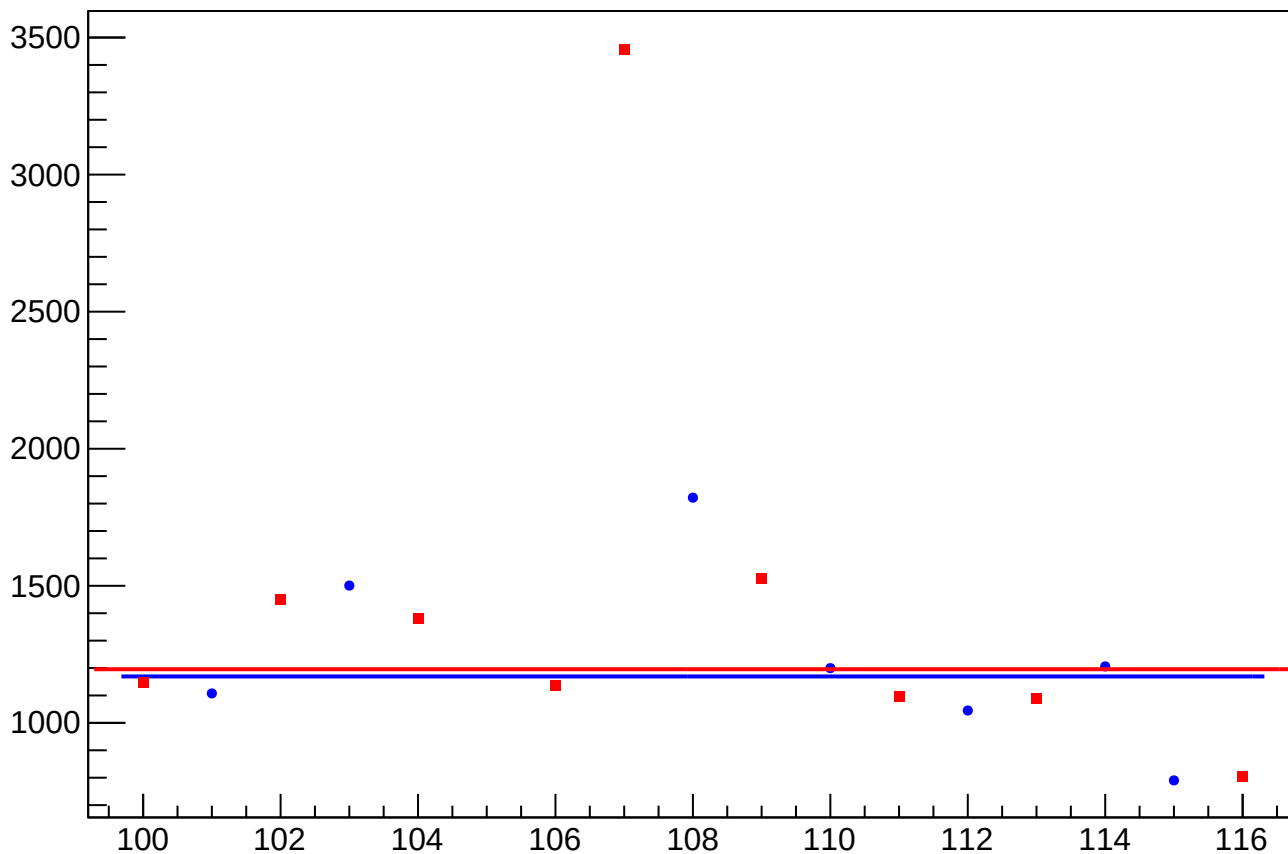
Right: -459.195+/-485.477 χ^2/NDF : 20.9/15

In: -1362.189+/-716.908 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.195+/-485.477 χ^2/NDF : 20.9/15

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1169.399+/-0.507 χ^2/NDF : 243862.3/6

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

Right Out: 1195.692+/-0.467 χ^2/NDF : 452072.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

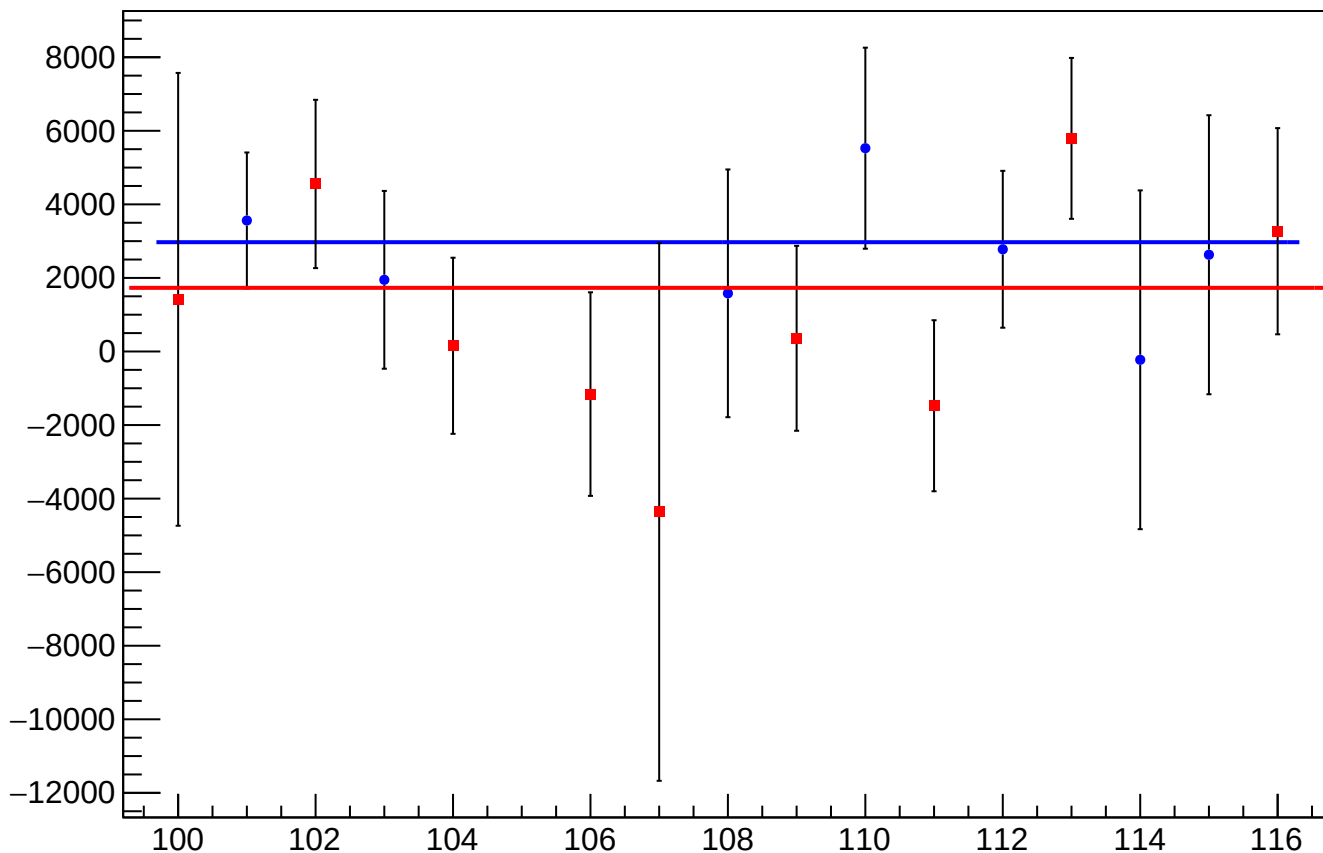
Right: 1183.635+/-0.343 χ^2/NDF : 697391.0/15

In: 1169.399+/-0.507 χ^2/NDF :243862.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1183.635+/-0.343 χ^2/NDF : 697391.0/15

asym_usl_mean vs Slug, Sign Corrected



Right In: 2971.580+/-989.081 χ^2 /NDF: 1.8/6

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

Right Out: 1730.557+/-905.123 χ^2 /NDF: 9.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

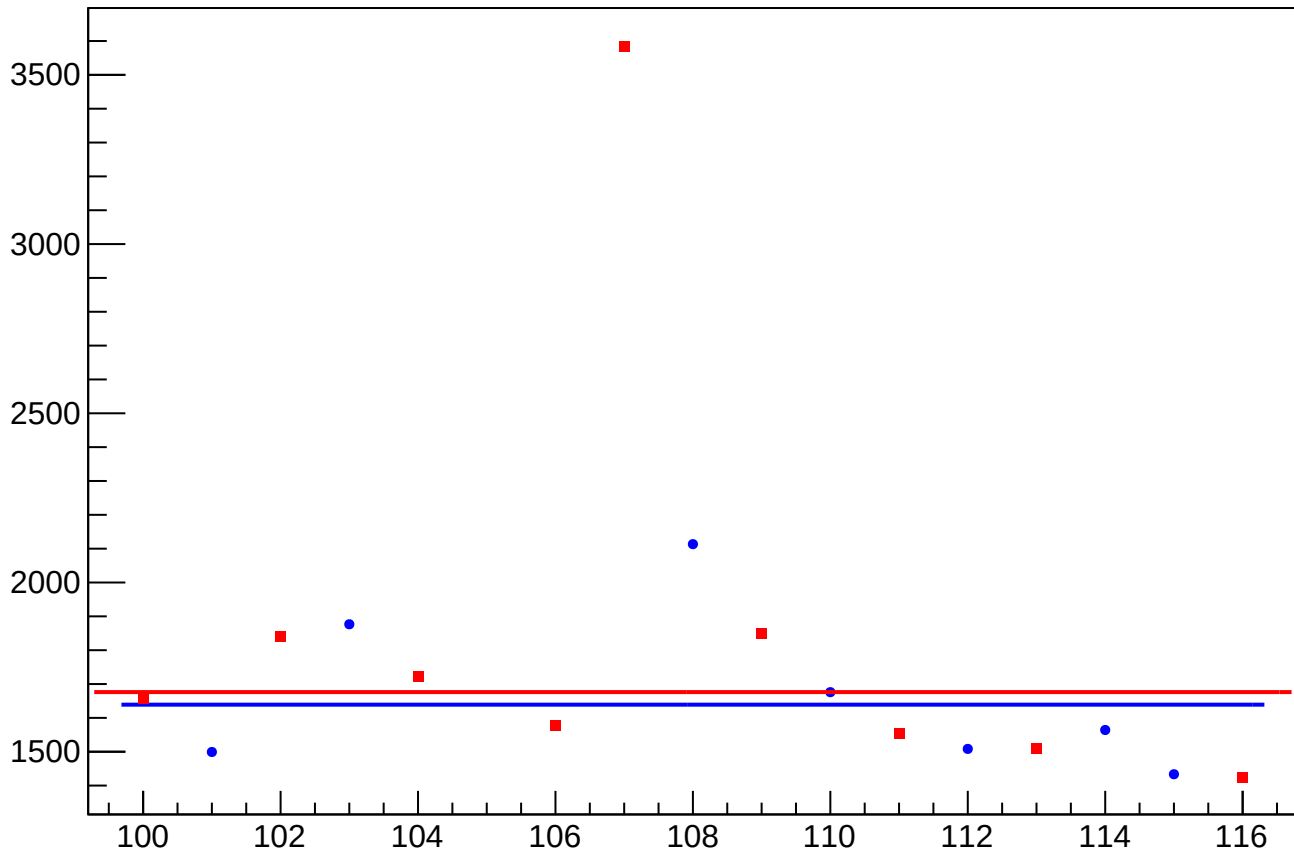
Right: 2296.169+/-667.731 χ^2 /NDF: 12.4/15

In: 2971.580+/-989.081 χ^2 /NDF:1.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2296.169+/-667.731 χ^2 /NDF: 12.4/15

asym_usl_rms vs Slug, Sign Corrected



Right In: 1639.035+/-0.699 χ^2/NDF : 84709.2/6

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

Right Out: 1676.228+/-0.640 χ^2/NDF : 192791.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

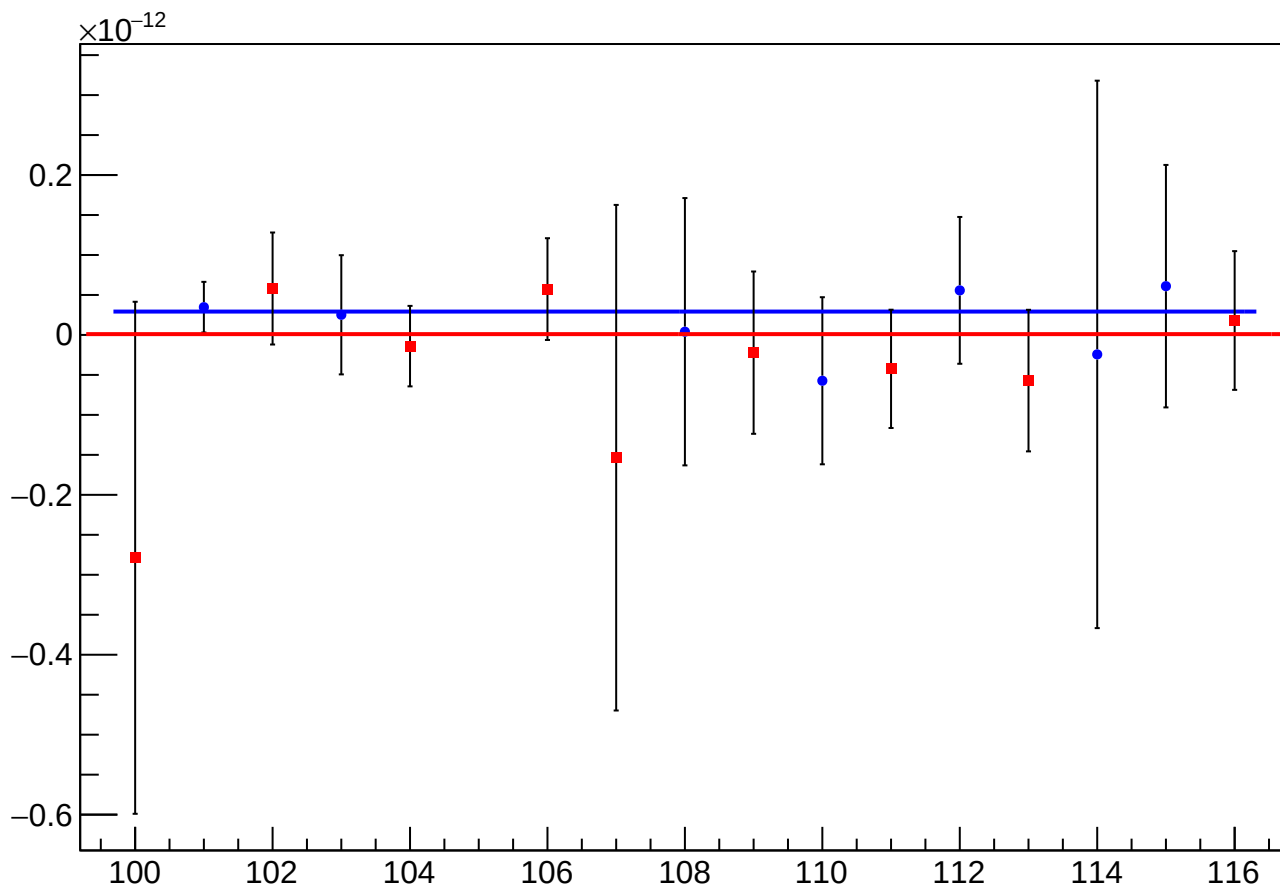
Right: 1659.277+/-0.472 χ^2/NDF : 279039.9/15

In: 1639.035+/-0.699 χ^2/NDF : 84709.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1659.277+/-0.472 χ^2/NDF : 279039.9/15

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

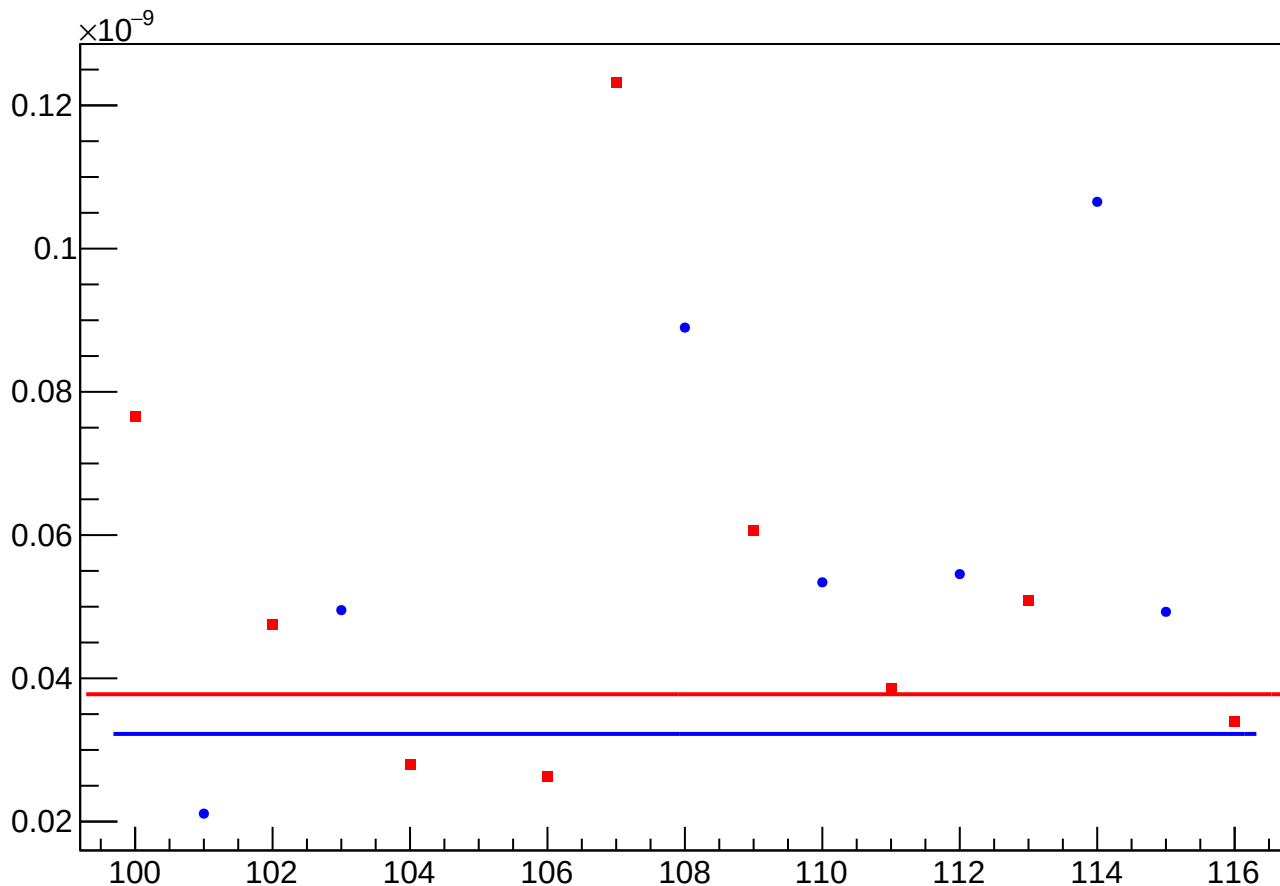
Right: 0.000+/-0.000 χ^2/NDF : 4.9/15

In: 0.000+/-0.000 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/15

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 904694.5/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 505414.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

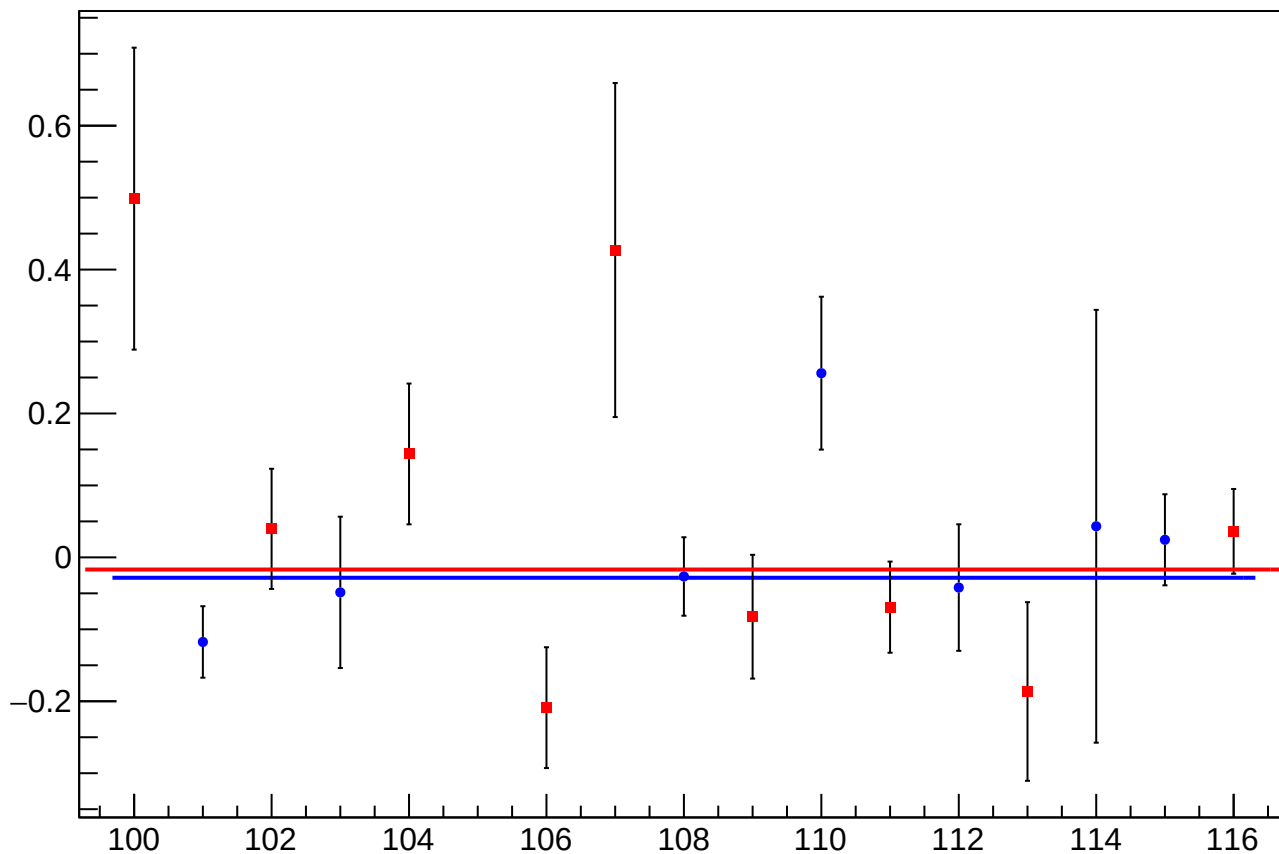
Right: 0.000+/-0.000 χ^2/NDF : 1454307.6/15

In: 0.000+/-0.000 χ^2/NDF : 904694.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1454307.6/15

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.028 χ^2/NDF : 11.2/6

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

Right Out: -0.017 $\pm$ 0.029 χ^2/NDF : 22.0/8

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

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

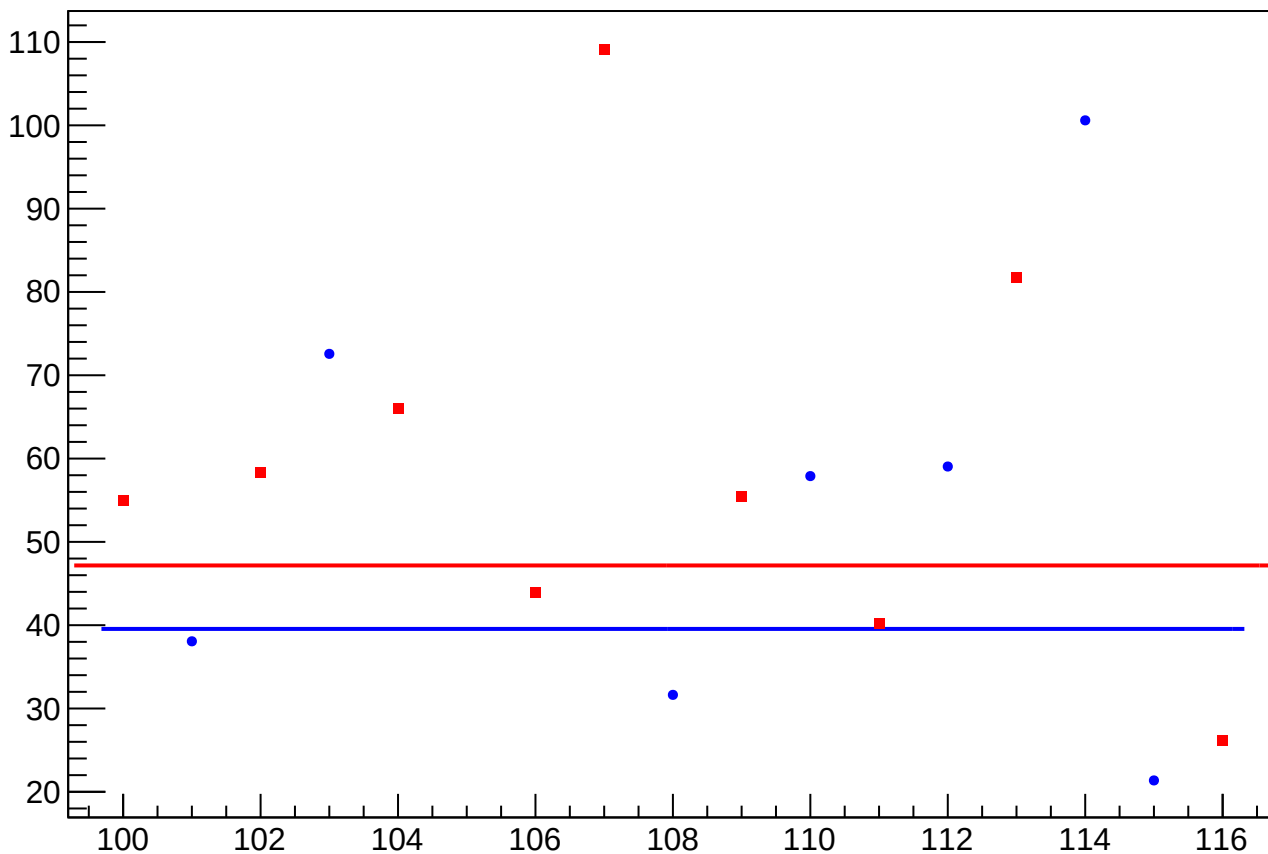
Right: -0.023 $\pm$ 0.020 χ^2/NDF : 33.3/15

In: -0.028 $\pm$ 0.028 χ^2/NDF : 11.2/6

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

All: -0.023 $\pm$ 0.020 χ^2/NDF : 33.3/15

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.552+/-0.020 χ^2/NDF : 646448.0/6

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

Right Out: 47.171+/-0.021 χ^2/NDF : 708729.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

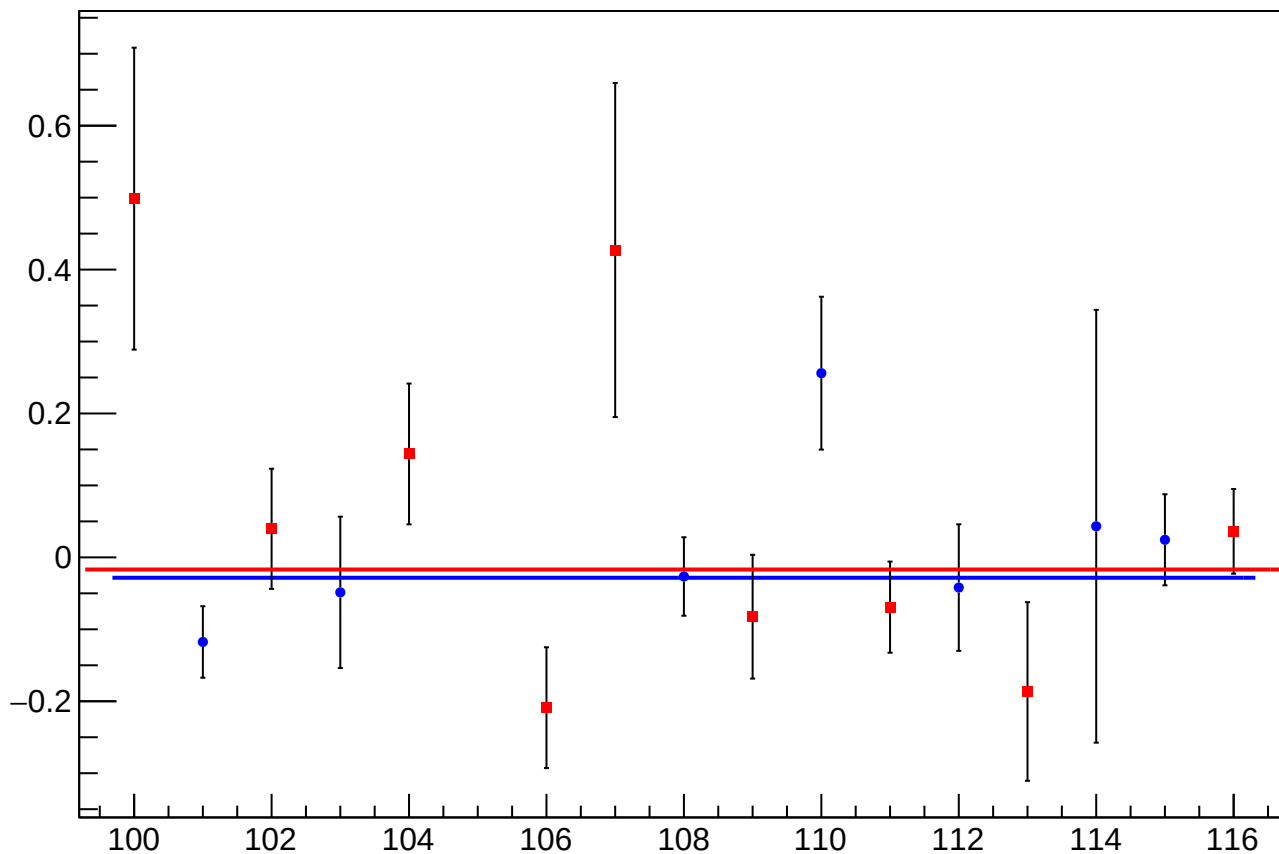
Right: 43.143+/-0.014 χ^2/NDF : 1426883.3/15

In: 39.552+/-0.020 χ^2/NDF : 646448.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.143+/-0.014 χ^2/NDF : 1426883.3/15

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.028 χ^2 /NDF: 11.2/6

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

Right Out: -0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

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

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

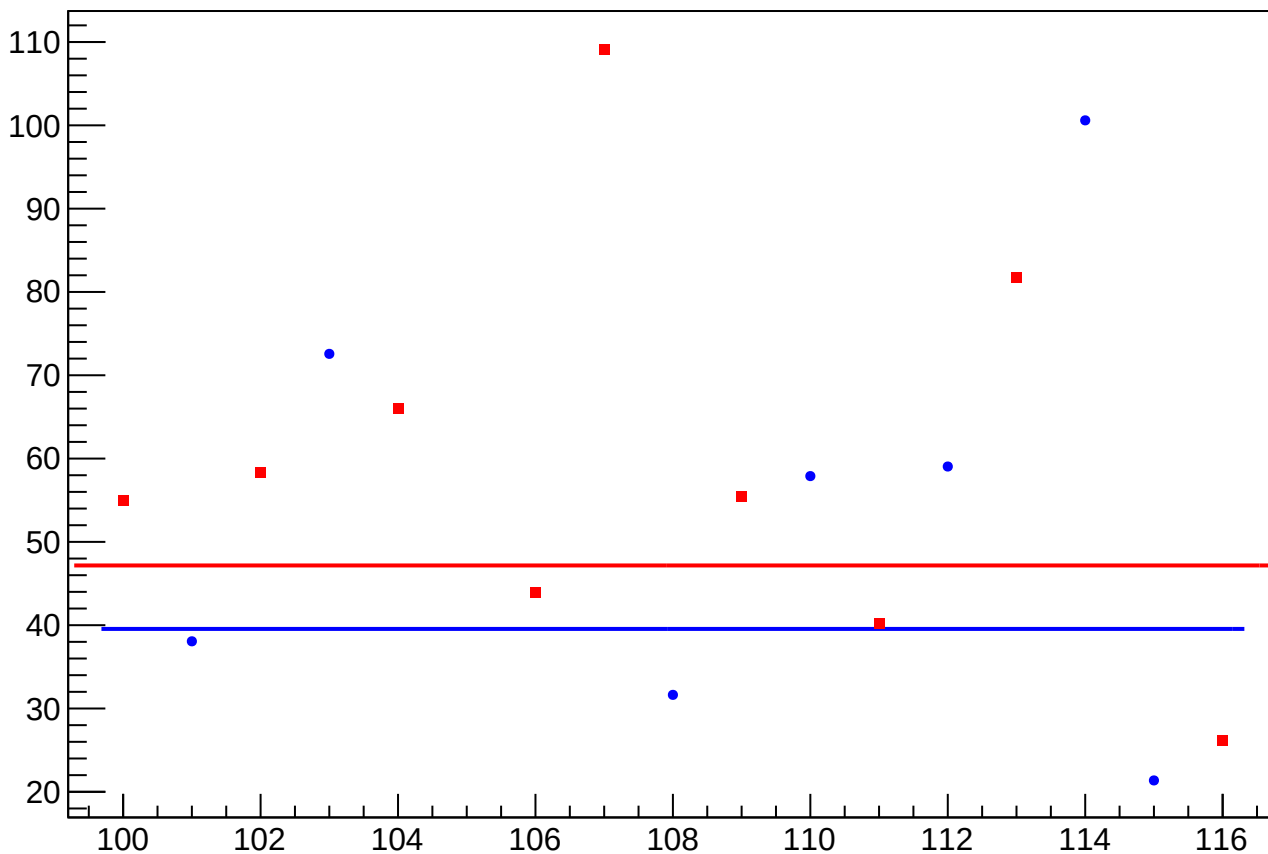
Right: -0.023 $\pm$ 0.020 χ^2 /NDF: 33.3/15

In: -0.028 $\pm$ 0.028 χ^2 /NDF:11.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.020 χ^2 /NDF: 33.3/15

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.552+/-0.020 χ^2/NDF : 646448.0/6

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

Right Out: 47.171+/-0.021 χ^2/NDF : 708729.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

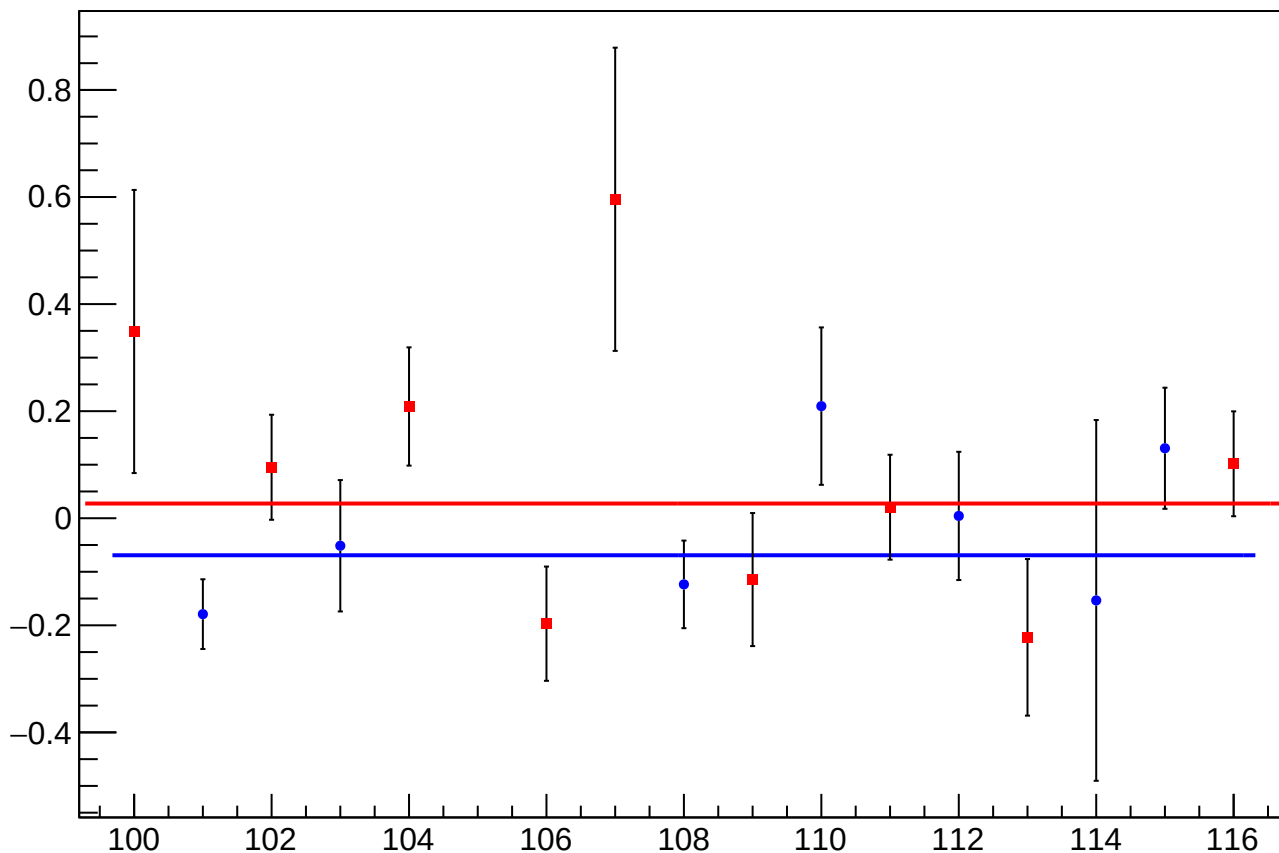
Right: 43.143+/-0.014 χ^2/NDF : 1426883.3/15

In: 39.552+/-0.020 χ^2/NDF : 646448.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.143+/-0.014 χ^2/NDF : 1426883.3/15

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.069+/-0.039 χ^2/NDF : 10.5/6

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

Right Out: 0.027+/-0.040 χ^2/NDF : 17.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

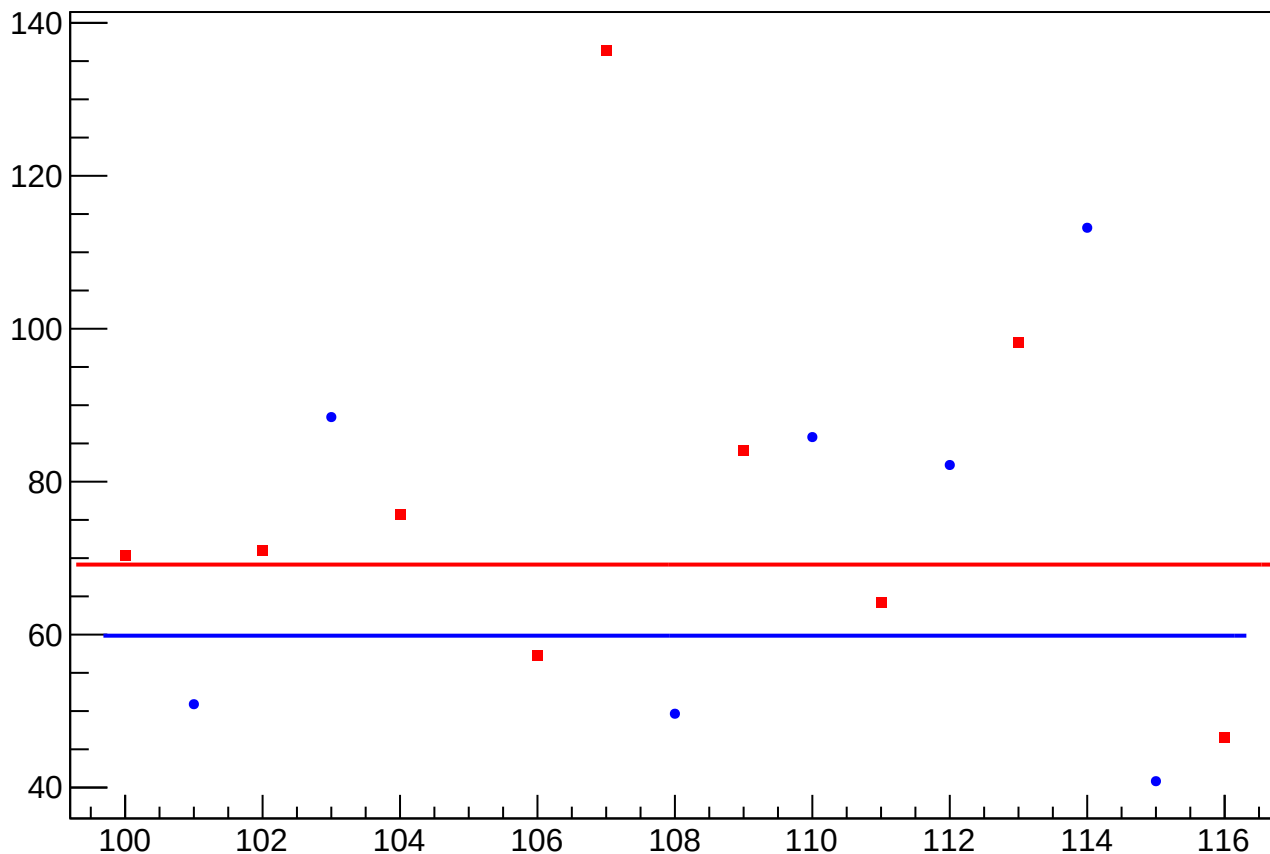
Right: -0.022+/-0.028 χ^2/NDF : 31.3/15

In: -0.069+/-0.039 χ^2/NDF : 10.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.028 χ^2/NDF : 31.3/15

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.860+/-0.028 χ^2/NDF : 416178.7/6

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

Right Out: 69.158+/-0.028 χ^2/NDF : 365021.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

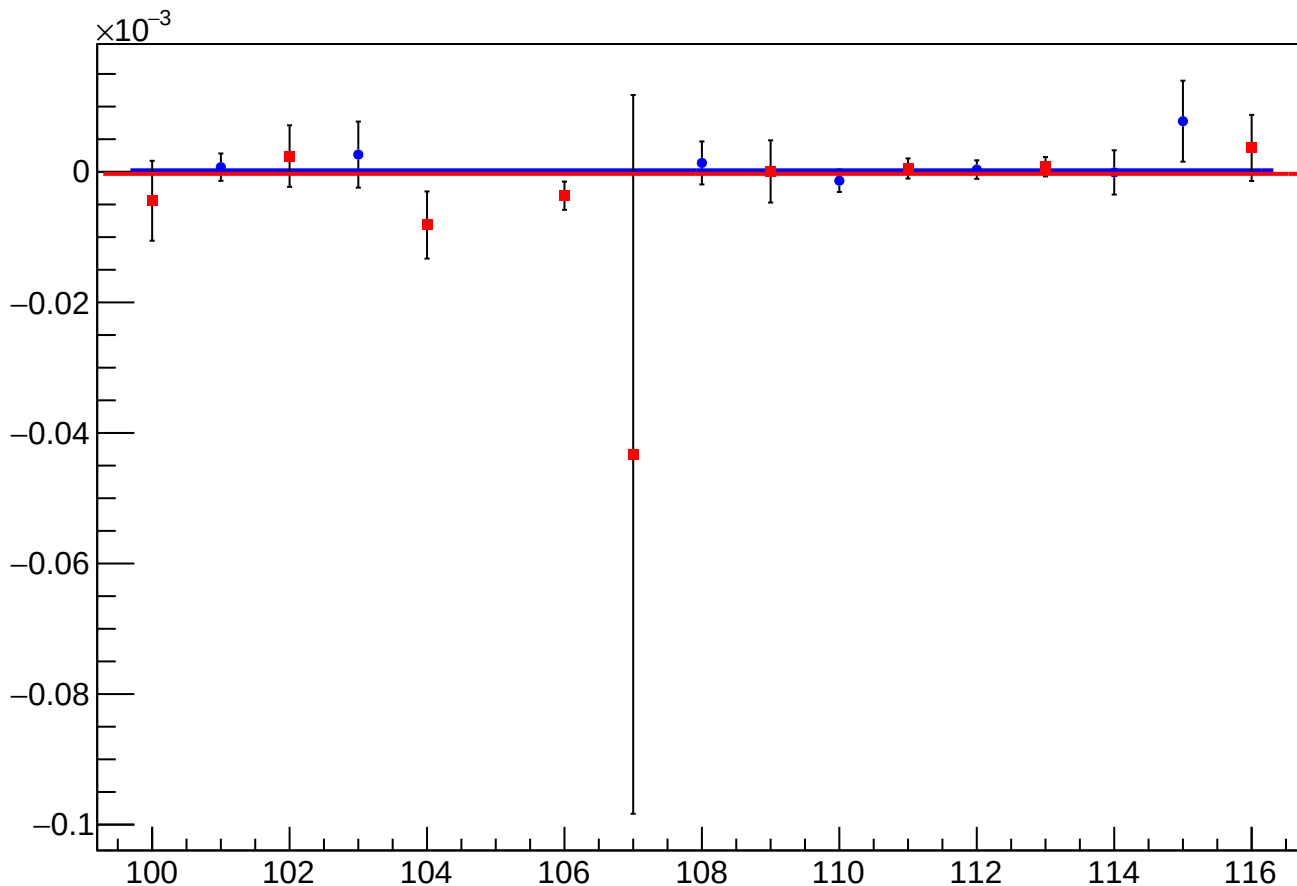
Right: 64.384+/-0.020 χ^2/NDF : 836276.0/15

In: 59.860+/-0.028 χ^2/NDF : 416178.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.384+/-0.020 χ^2/NDF : 836276.0/15

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

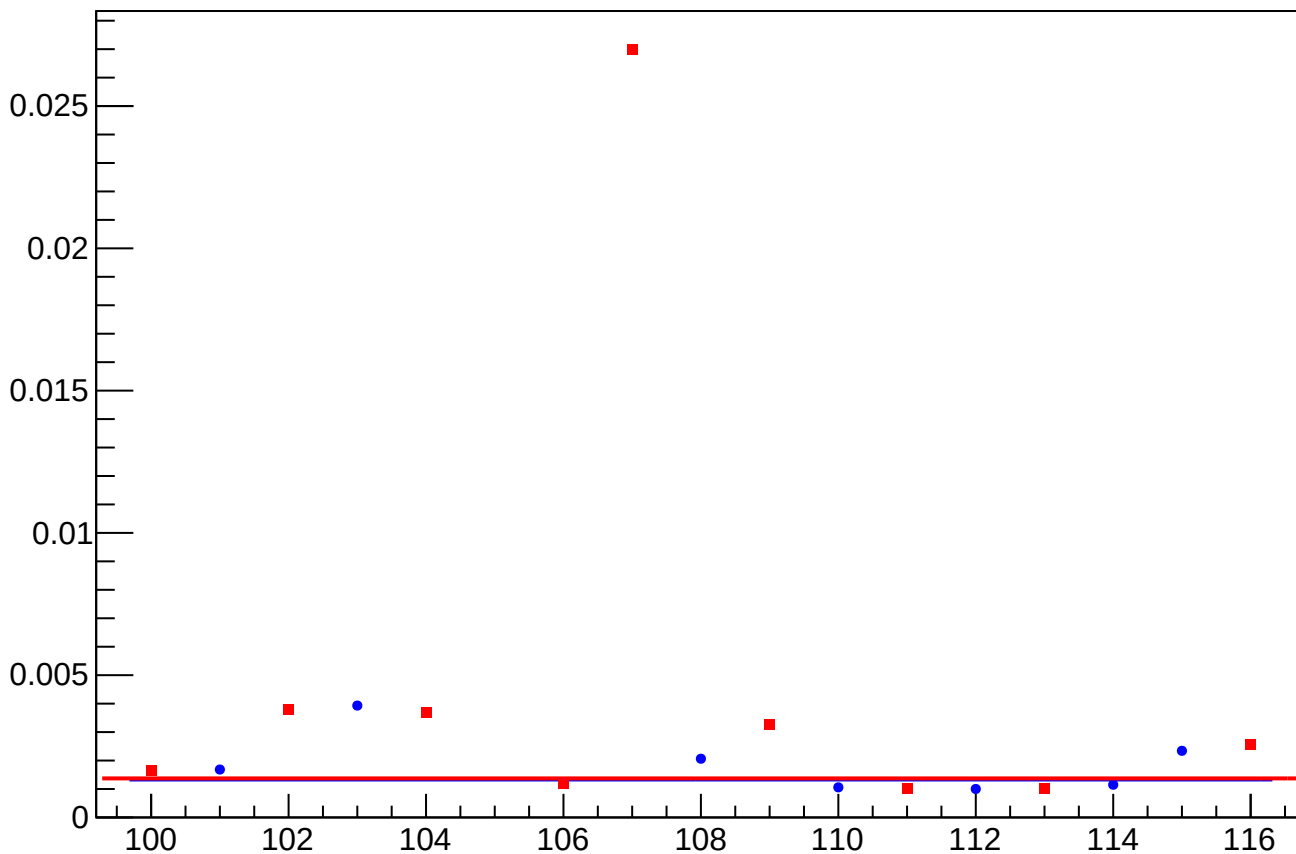
Right: -0.000+/-0.000 χ^2/NDF : 10.5/15

In: 0.000+/-0.000 χ^2/NDF : 2.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/15

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 900317.6/6

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2017916.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

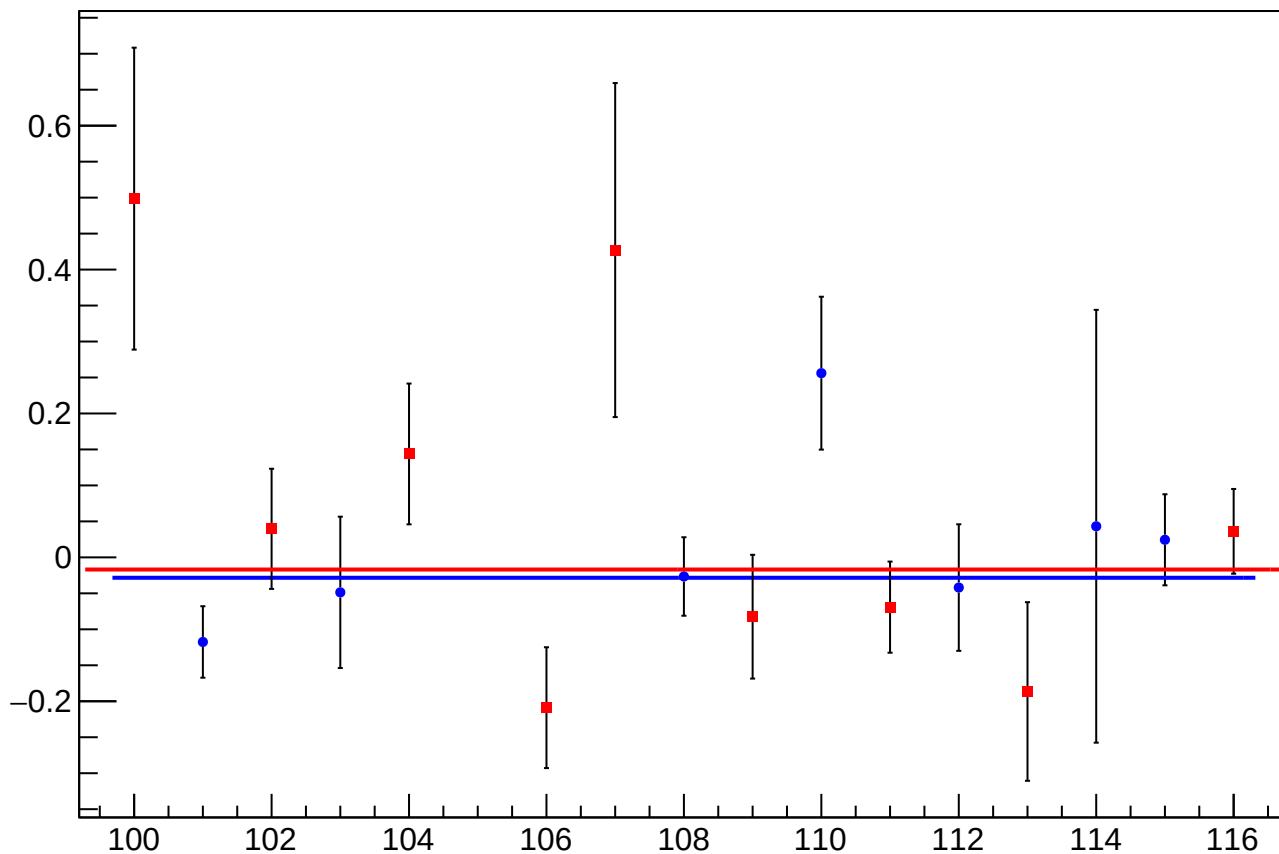
Right: 0.001+/-0.000 χ^2/NDF : 2920056.8/15

In: 0.001+/-0.000 χ^2/NDF : 900317.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2920056.8/15

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.028 χ^2 /NDF: 11.2/6

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

Right Out: -0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

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

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

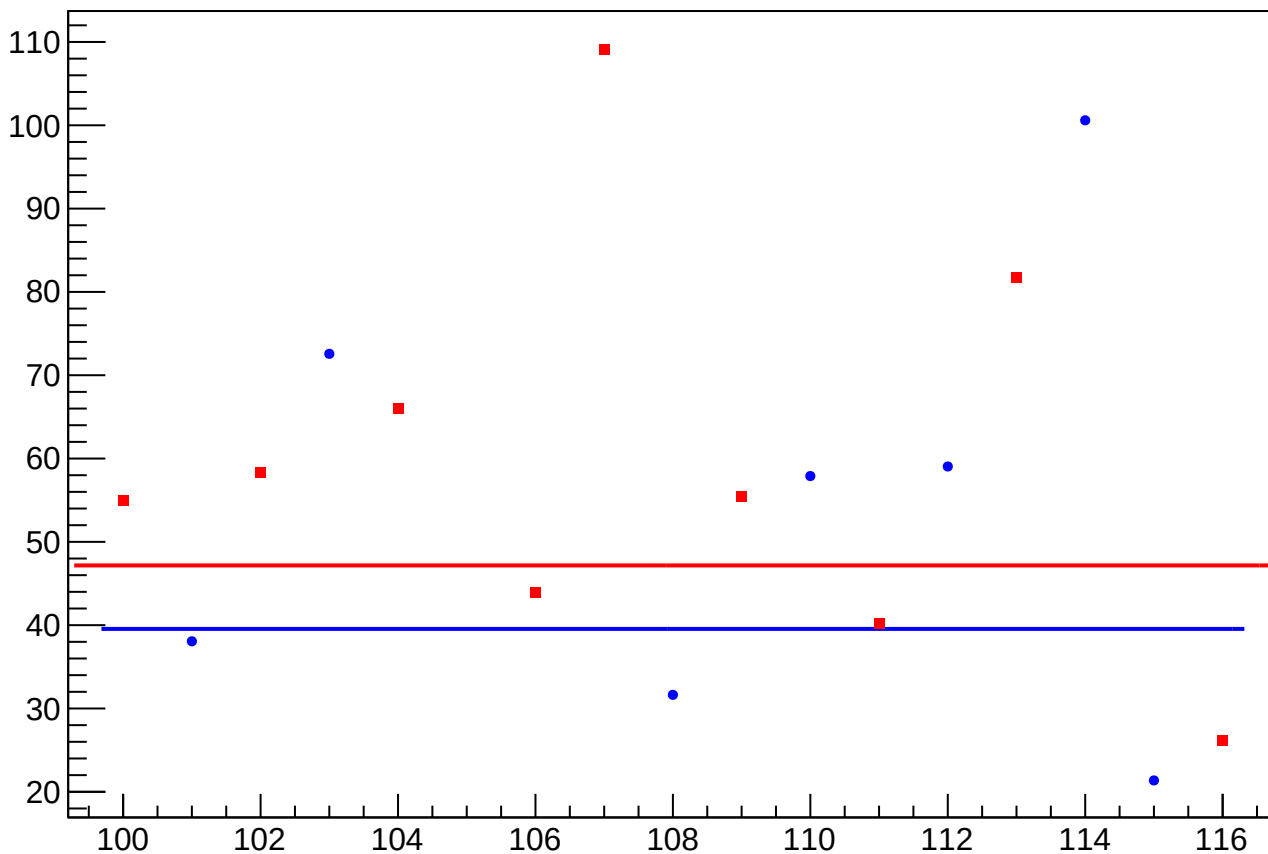
Right: -0.023 $\pm$ 0.020 χ^2 /NDF: 33.3/15

In: -0.028 $\pm$ 0.028 χ^2 /NDF:11.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.020 χ^2 /NDF: 33.3/15

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.552 $\pm$ 0.020 χ^2 /NDF: 646489.9/6

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

Right Out: 47.170 $\pm$ 0.021 χ^2 /NDF: 708766.1/8

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

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

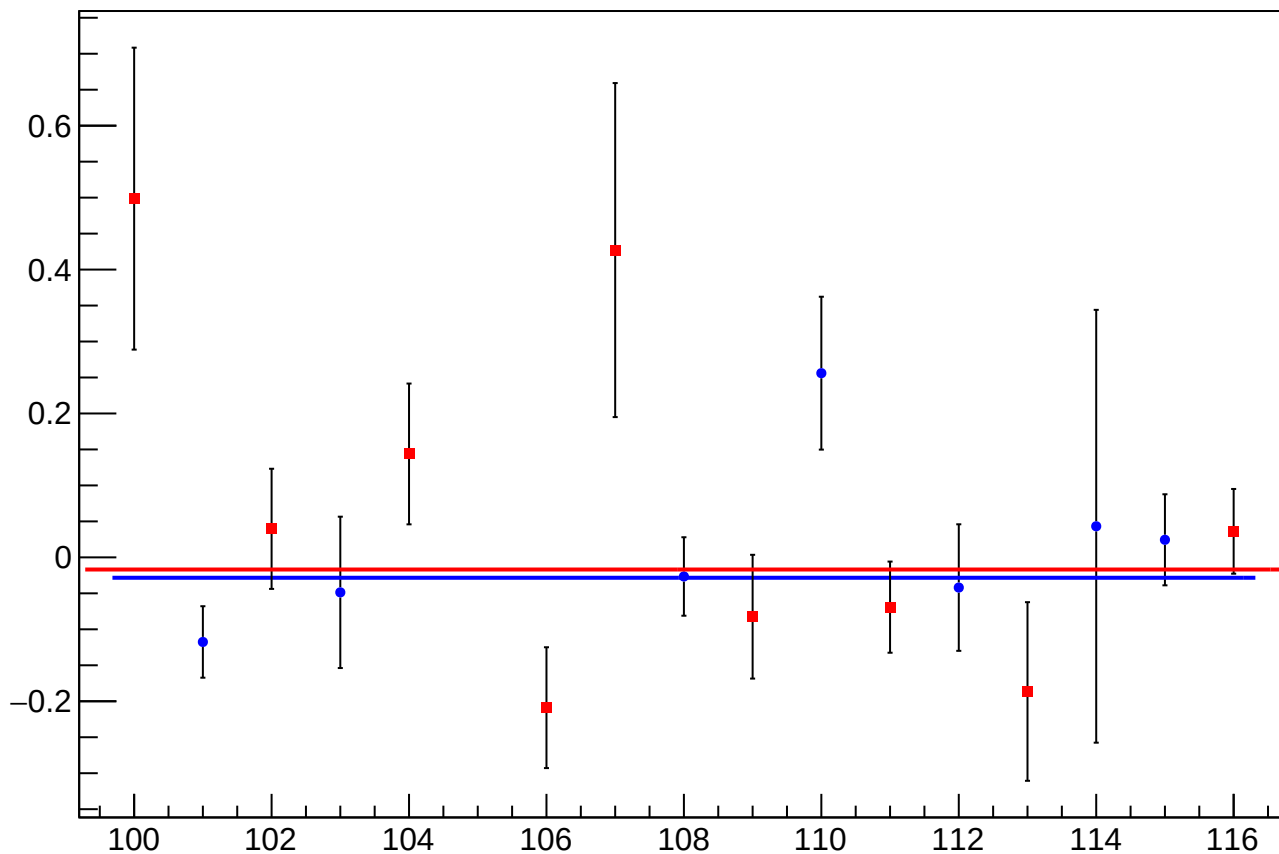
Right: 43.143 $\pm$ 0.014 χ^2 /NDF: 1426960.8/15

In: 39.552 $\pm$ 0.020 χ^2 /NDF:646489.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.143 $\pm$ 0.014 χ^2 /NDF: 1426960.8/15

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.028 χ^2 /NDF: 11.2/6

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

Right Out: -0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

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

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

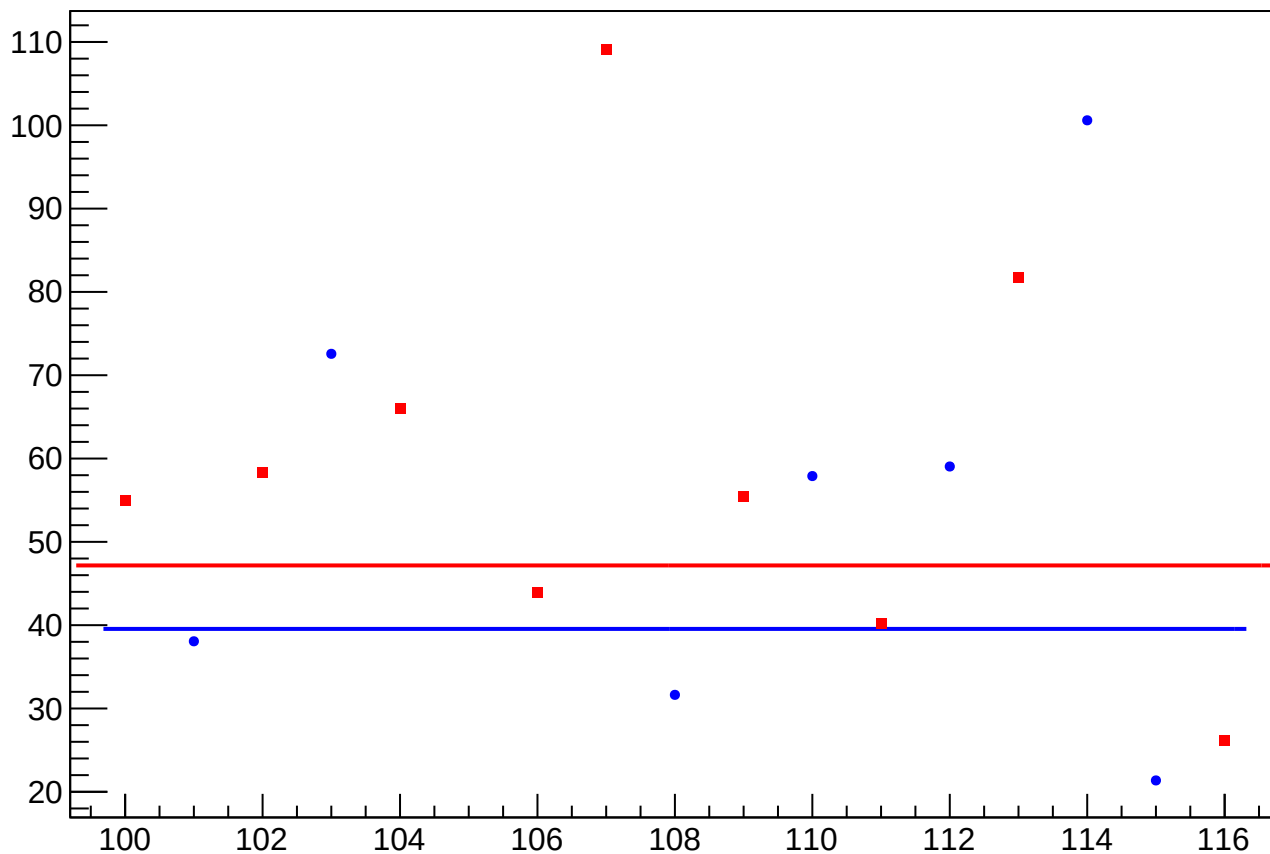
Right: -0.023 $\pm$ 0.020 χ^2 /NDF: 33.3/15

In: -0.028 $\pm$ 0.028 χ^2 /NDF:11.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.020 χ^2 /NDF: 33.3/15

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.552+/-0.020 χ^2/NDF : 646489.9/6

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

Right Out: 47.170+/-0.021 χ^2/NDF : 708766.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

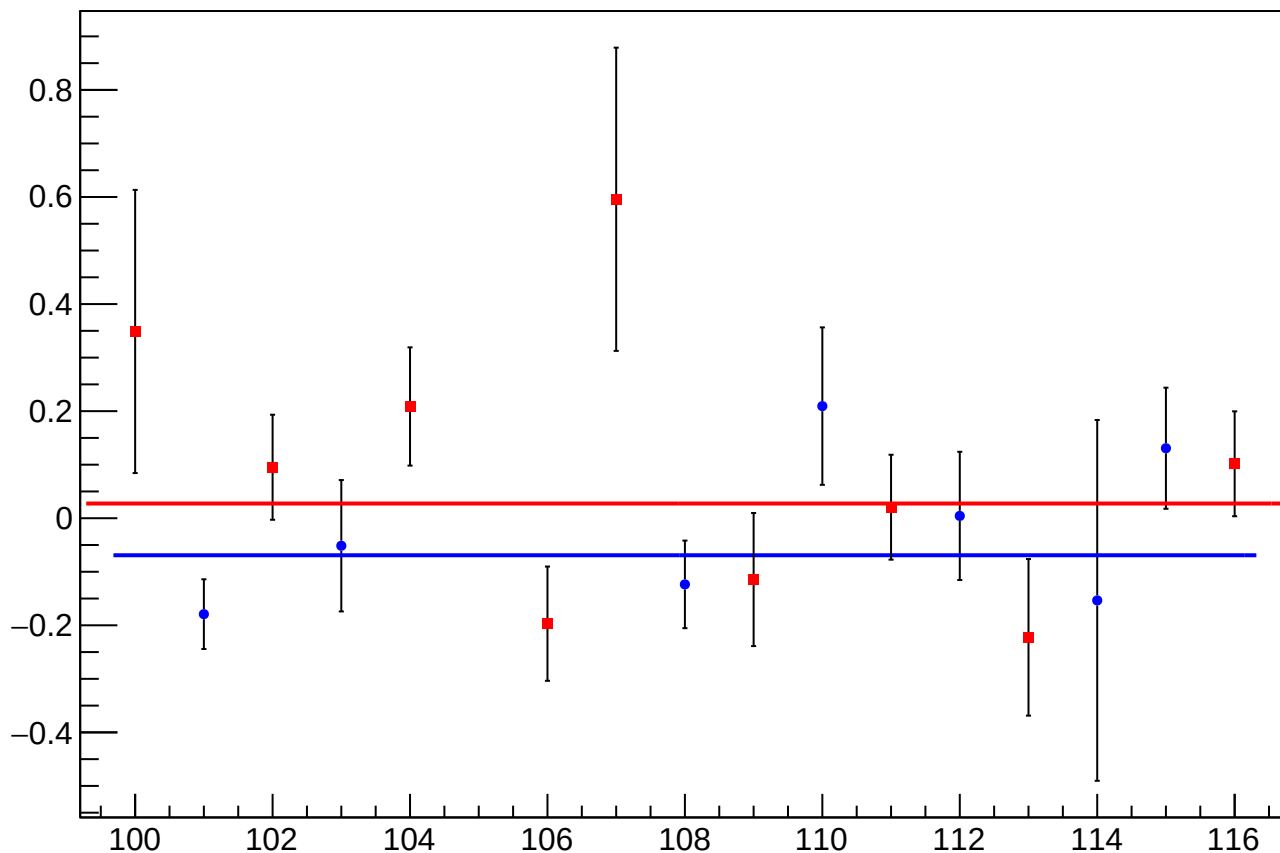
Right: 43.143+/-0.014 χ^2/NDF : 1426960.8/15

In: 39.552+/-0.020 χ^2/NDF :646489.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.143+/-0.014 χ^2/NDF : 1426960.8/15

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.069+/-0.039 χ^2/NDF : 10.5/6

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

Right Out: 0.027+/-0.040 χ^2/NDF : 17.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

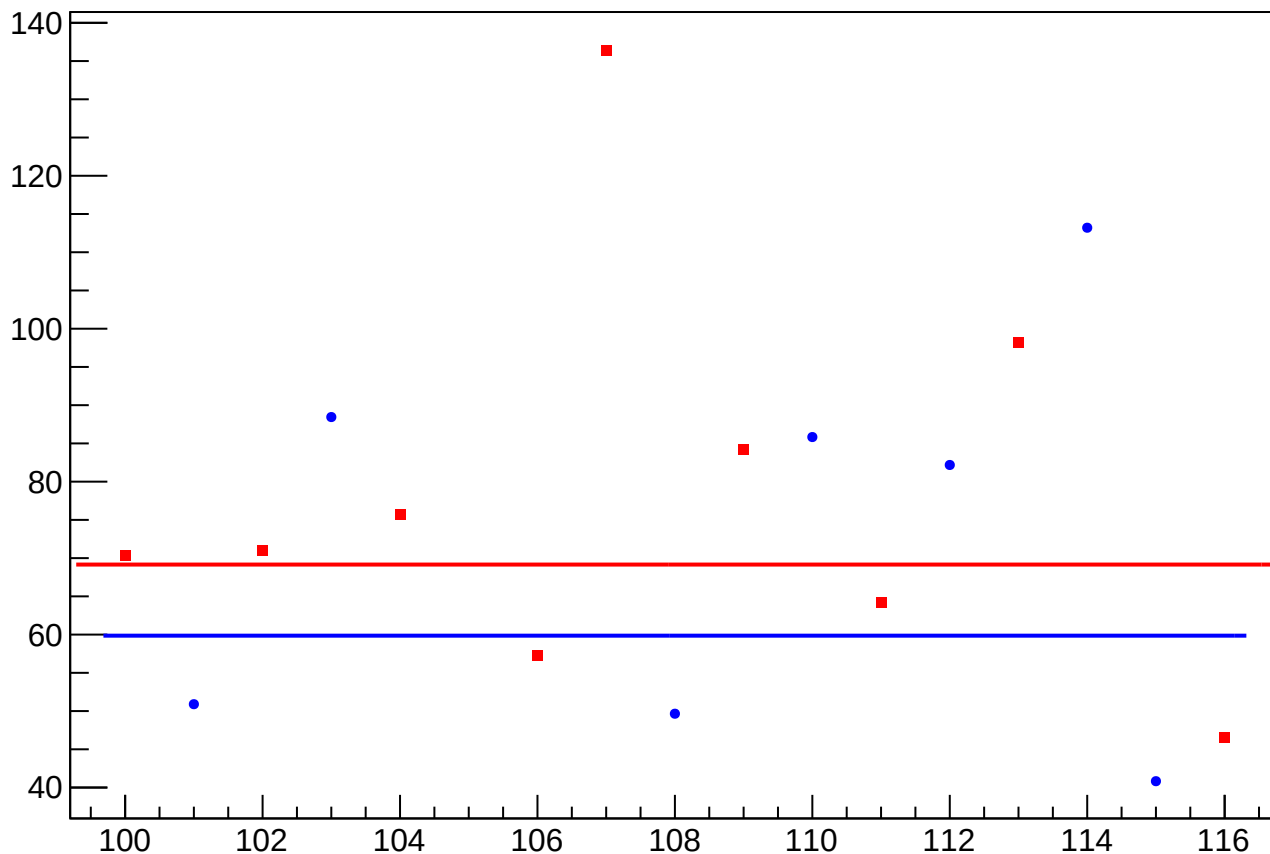
Right: -0.022+/-0.028 χ^2/NDF : 31.3/15

In: -0.069+/-0.039 χ^2/NDF :10.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.028 χ^2/NDF : 31.3/15

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.860+/-0.028 χ^2/NDF : 416183.0/6

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

Right Out: 69.158+/-0.028 χ^2/NDF : 365012.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

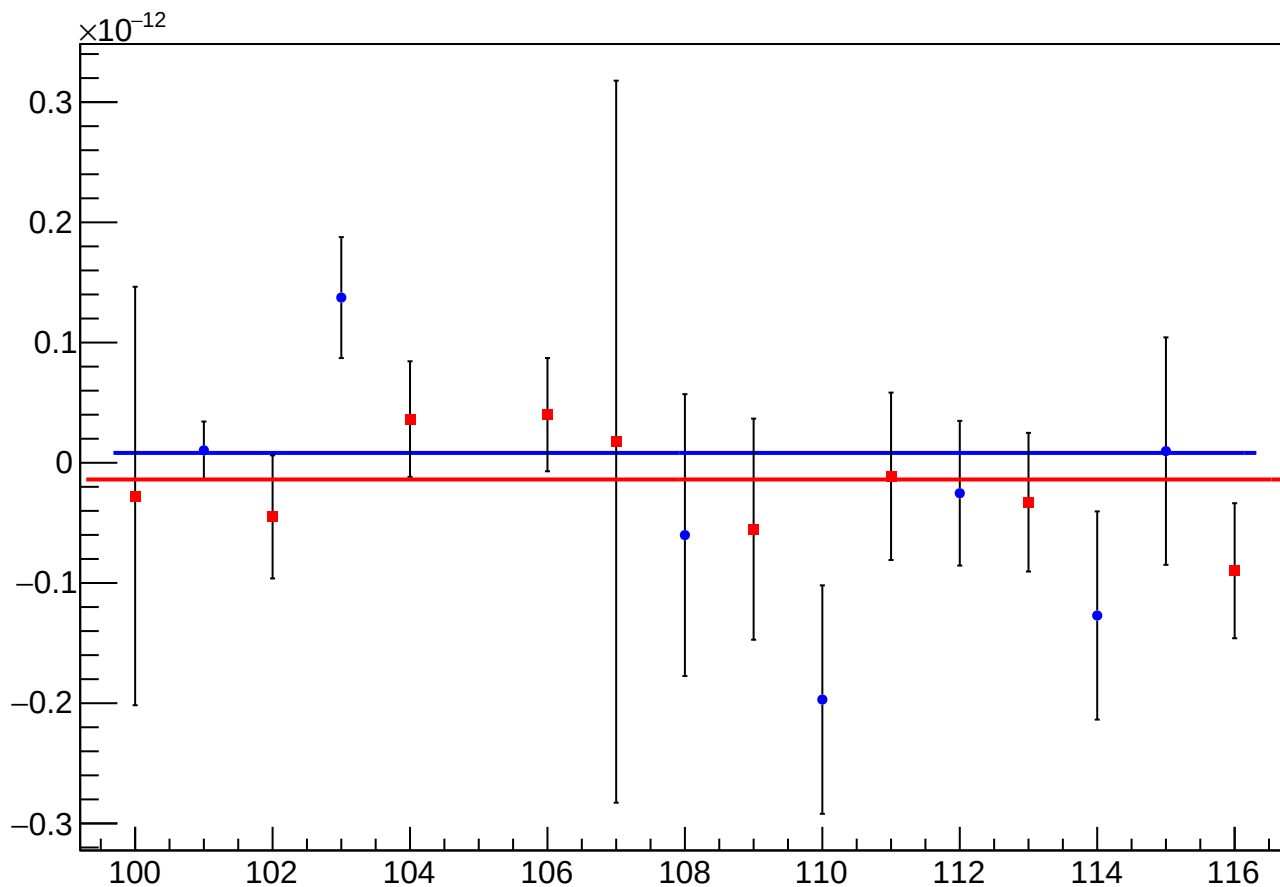
Right: 64.384+/-0.020 χ^2/NDF : 836269.6/15

In: 59.860+/-0.028 χ^2/NDF : 416183.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.384+/-0.020 χ^2/NDF : 836269.6/15

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.4/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

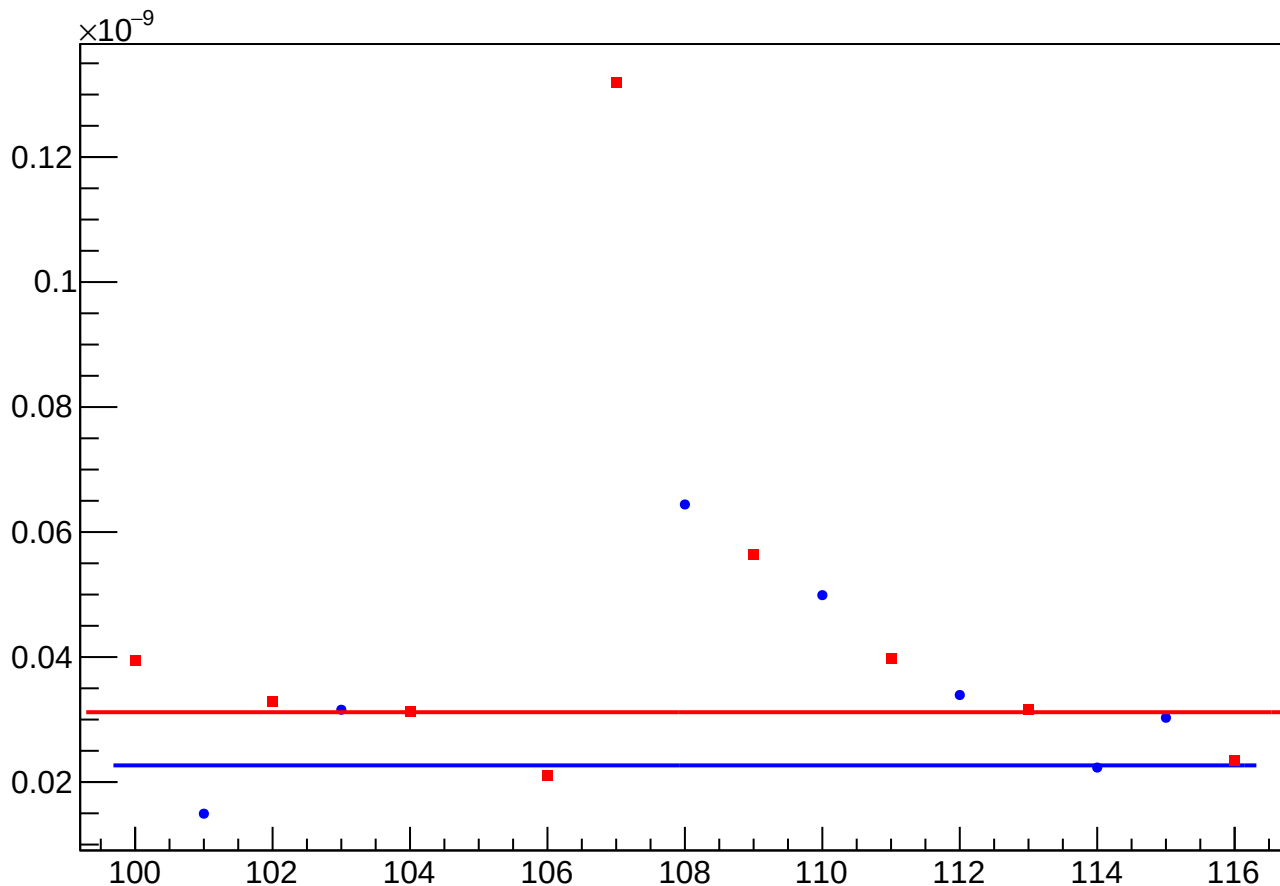
Right: -0.000+/-0.000 χ^2/NDF : 19.9/15

In: 0.000+/-0.000 χ^2/NDF : 14.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/15

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 772160.8/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 541106.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

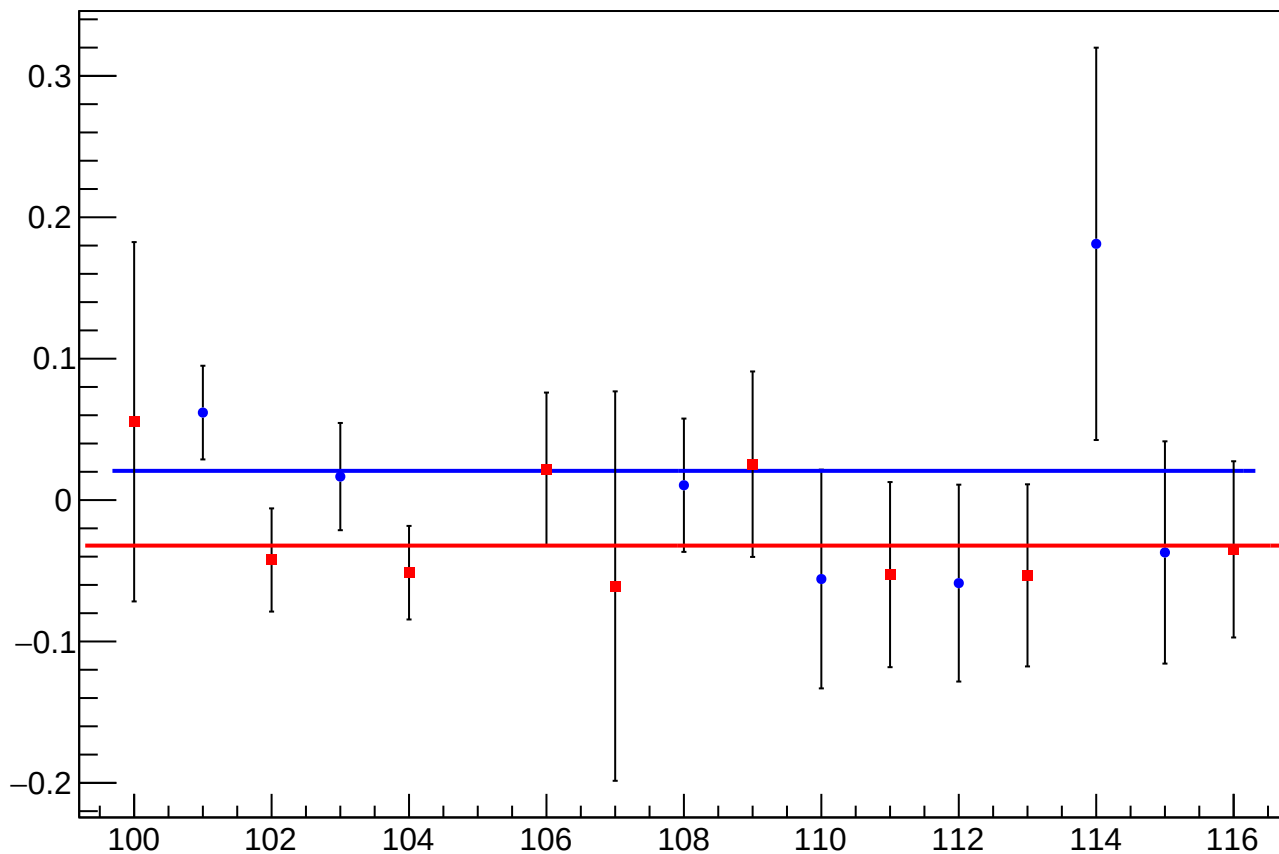
Right: 0.000+/-0.000 χ^2/NDF : 1495291.6/15

In: 0.000+/-0.000 χ^2/NDF : 772160.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1495291.6/15

asym_usl_overload_cor_vs_slug, Sign Corrected



Right In: 0.021 $\pm$ 0.019 χ^2 /NDF: 5.8/6

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

Right Out: -0.032 $\pm$ 0.018 χ^2 /NDF: 2.9/8

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

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

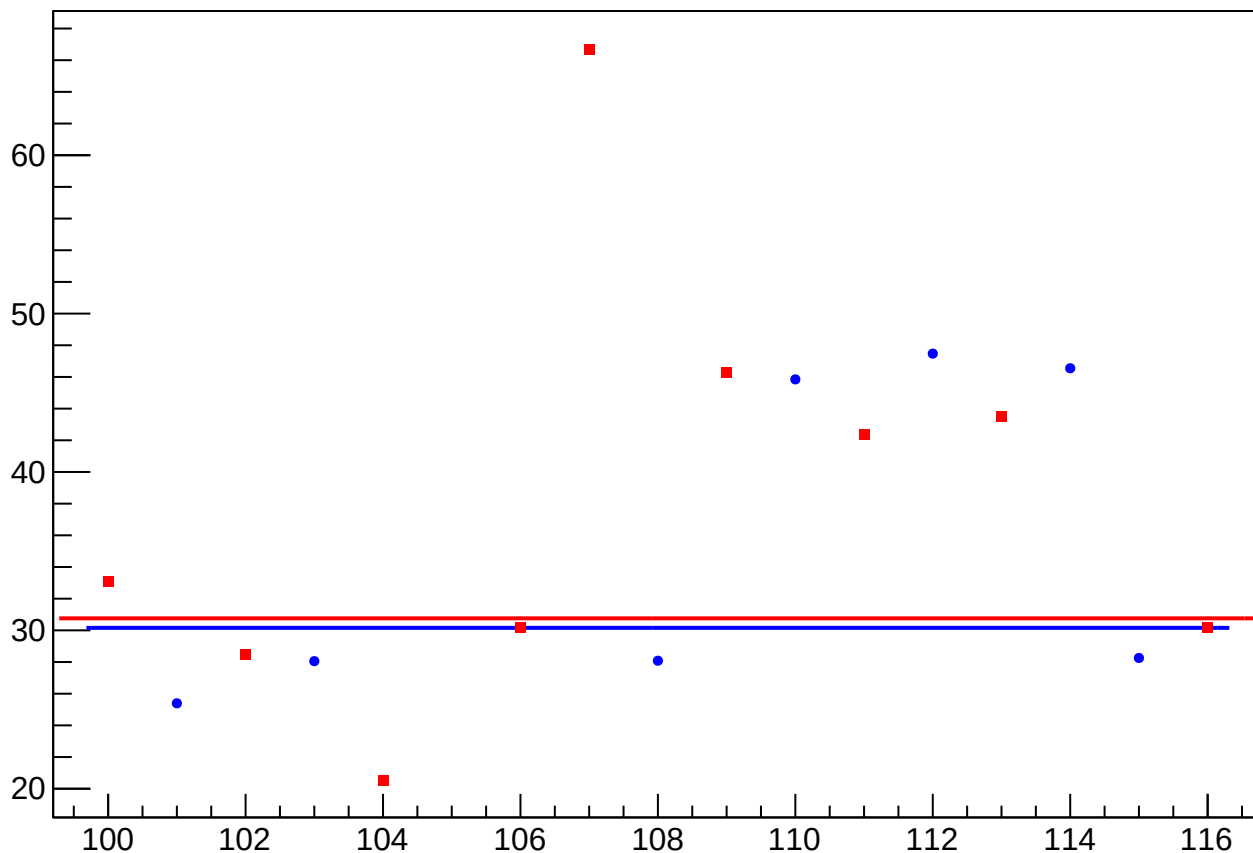
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 12.6/15

In: 0.021 $\pm$ 0.019 χ^2 /NDF: 5.8/6

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

All: -0.008 $\pm$ 0.013 χ^2 /NDF: 12.6/15

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.157+/-0.014 χ^2/NDF : 286426.2/6

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

Right Out: 30.759+/-0.013 χ^2/NDF : 589881.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

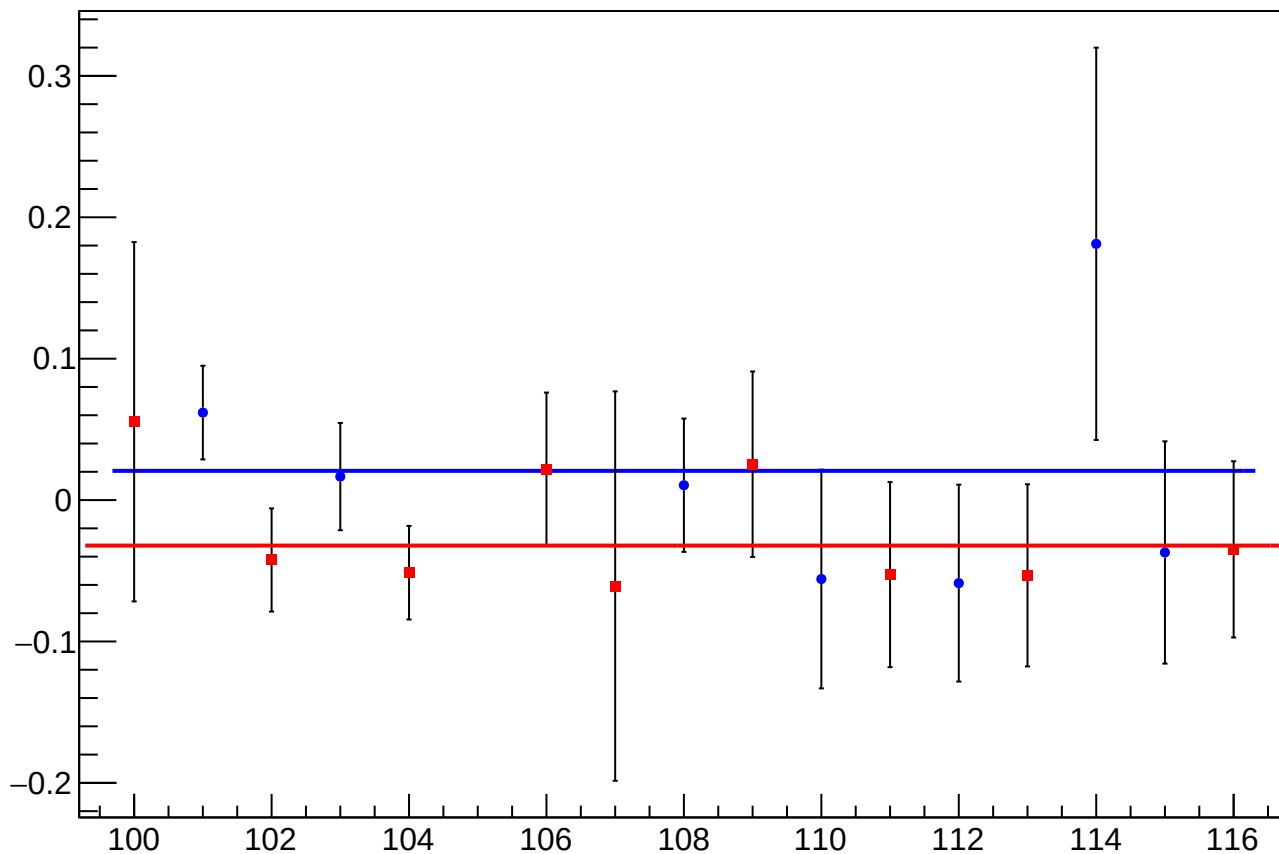
Right: 30.481+/-0.009 χ^2/NDF : 877336.3/15

In: 30.157+/-0.014 χ^2/NDF : 286426.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.481+/-0.009 χ^2/NDF : 877336.3/15

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.019 χ^2/NDF : 5.8/6

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

Right Out: -0.032+/-0.018 χ^2/NDF : 2.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

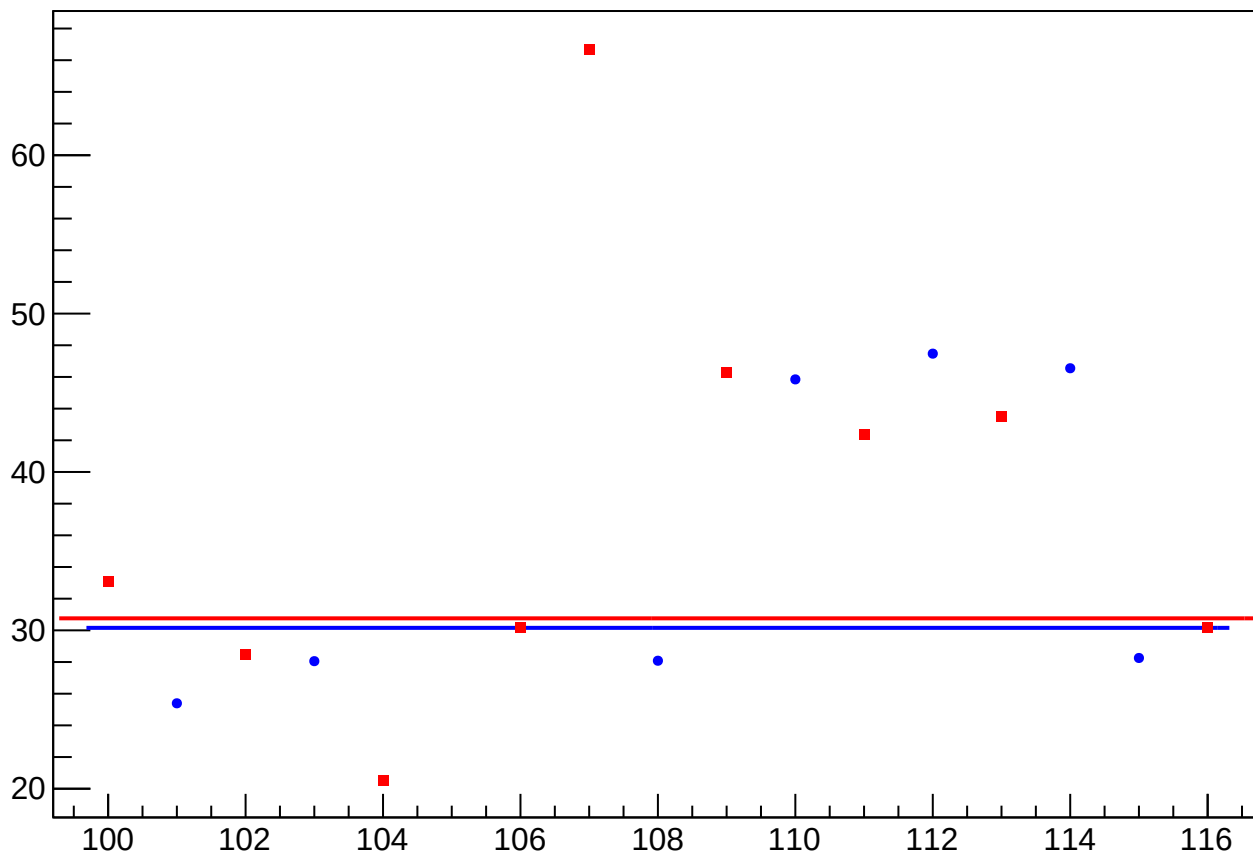
Right: -0.008+/-0.013 χ^2/NDF : 12.6/15

In: 0.021+/-0.019 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.013 χ^2/NDF : 12.6/15

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.157+/-0.014 χ^2/NDF : 286426.2/6

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

Right Out: 30.759+/-0.013 χ^2/NDF : 589881.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

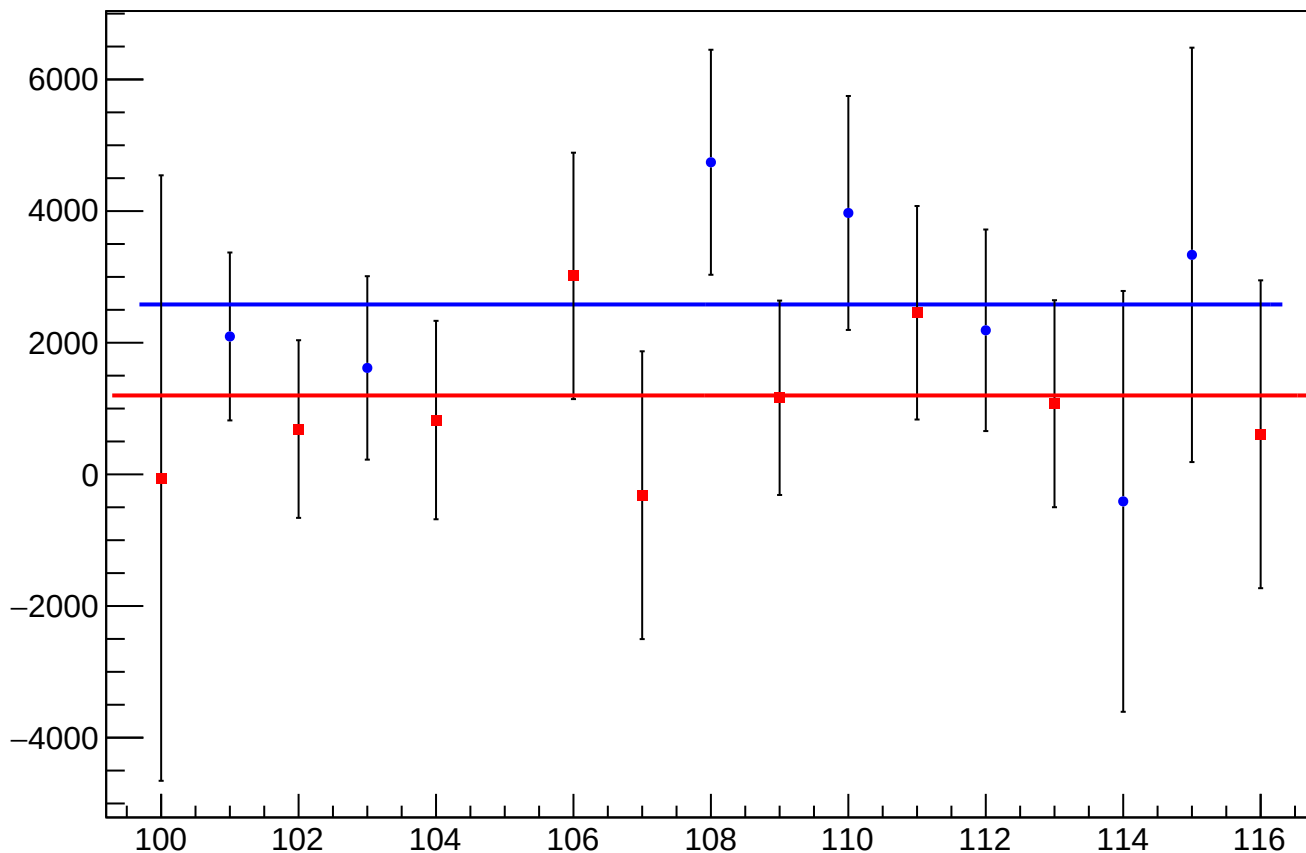
Right: 30.481+/-0.009 χ^2/NDF : 877336.3/15

In: 30.157+/-0.014 χ^2/NDF : 286426.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.481+/-0.009 χ^2/NDF : 877336.3/15

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2581.569+/-643.650 χ^2/NDF : 3.8/6

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

Right Out: 1199.078+/-581.510 χ^2/NDF : 2.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

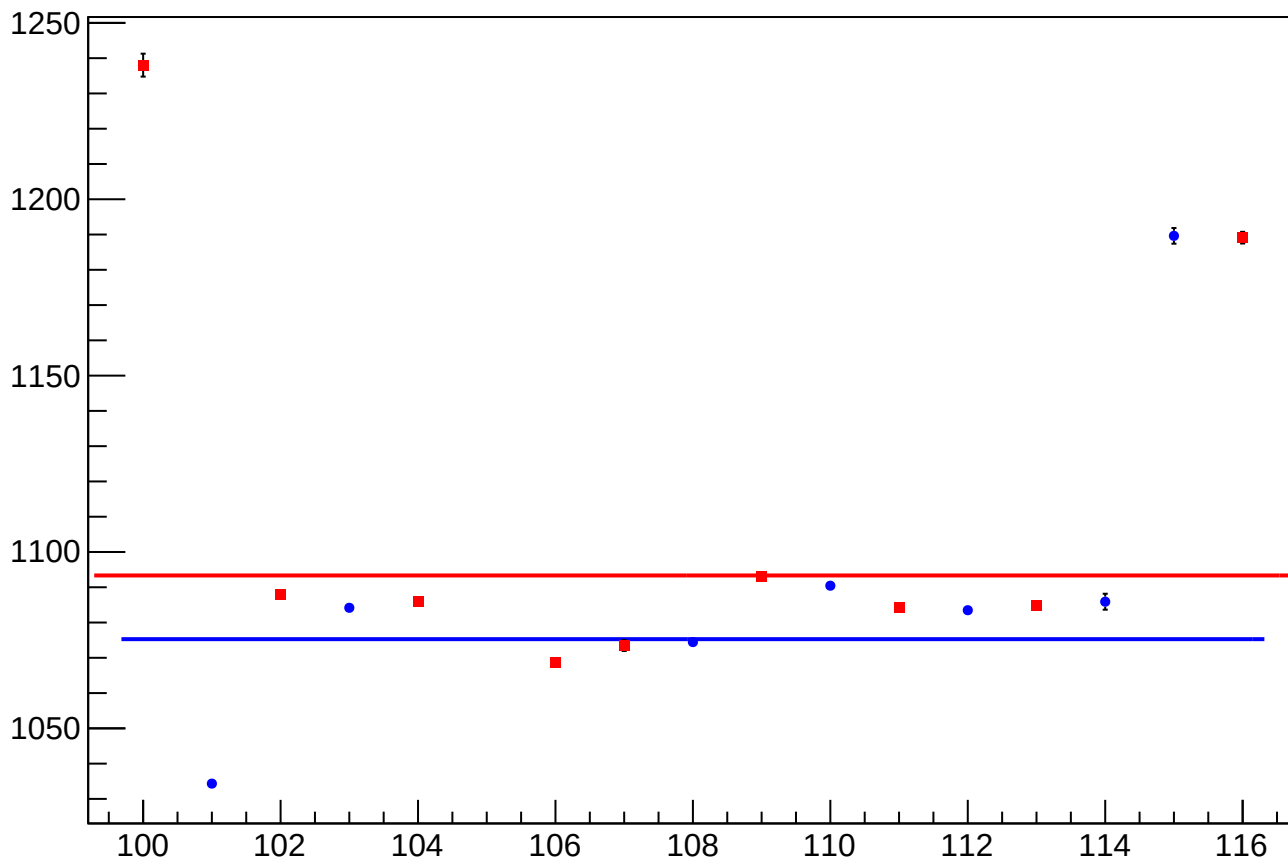
Right: 1820.383+/-431.491 χ^2/NDF : 8.7/15

In: 2581.569+/-643.650 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.383+/-431.491 χ^2/NDF : 8.7/15

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1075.287+/-0.455 χ^2/NDF : 5007.3/6

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

Right Out: 1093.345+/-0.411 χ^2/NDF : 6046.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

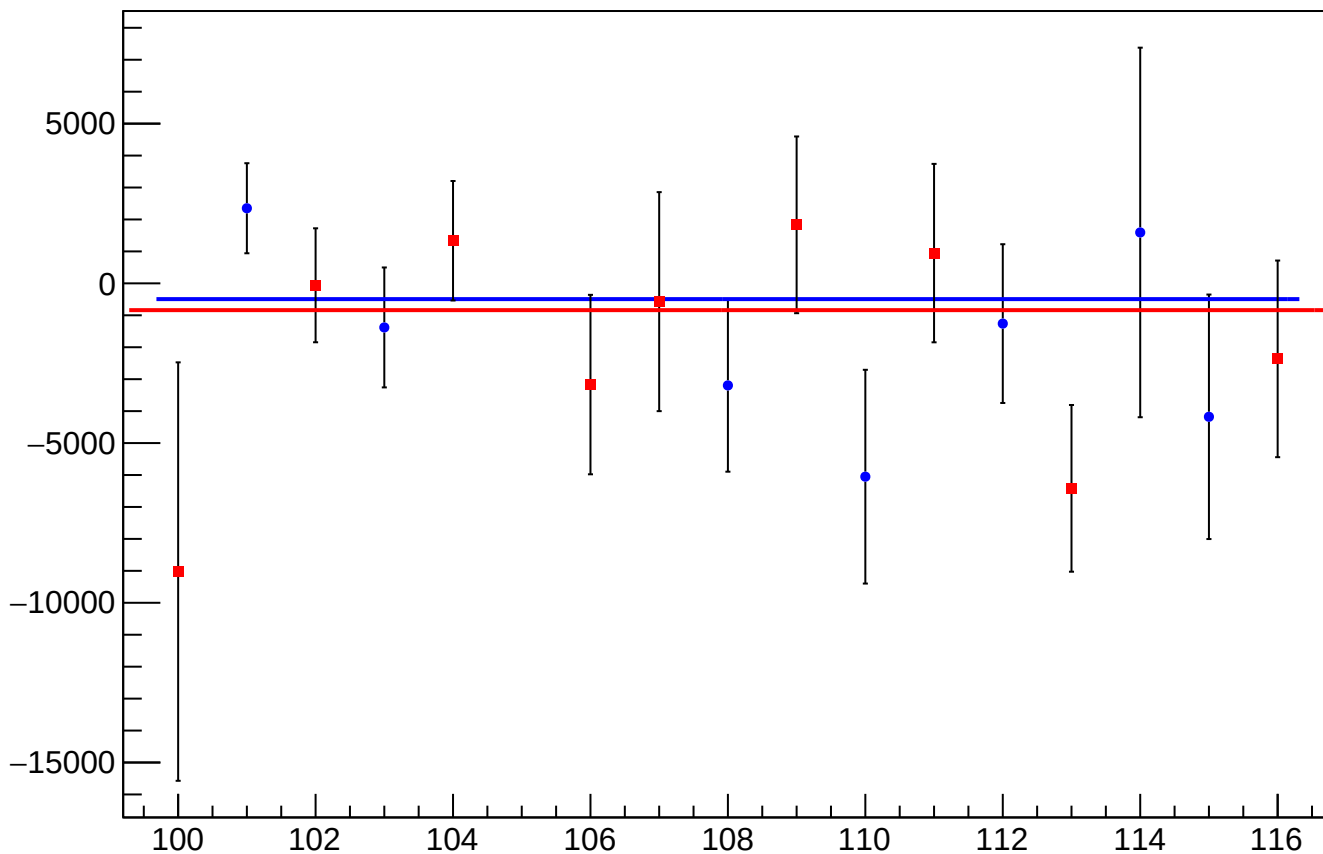
Right: 1085.229+/-0.305 χ^2/NDF : 11920.9/15

In: 1075.287+/-0.455 χ^2/NDF : 5007.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.229+/-0.305 χ^2/NDF : 11920.9/15

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: -493.485+/-886.145 χ^2/NDF : 9.2/6

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

Right Out: -838.739+/-861.721 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

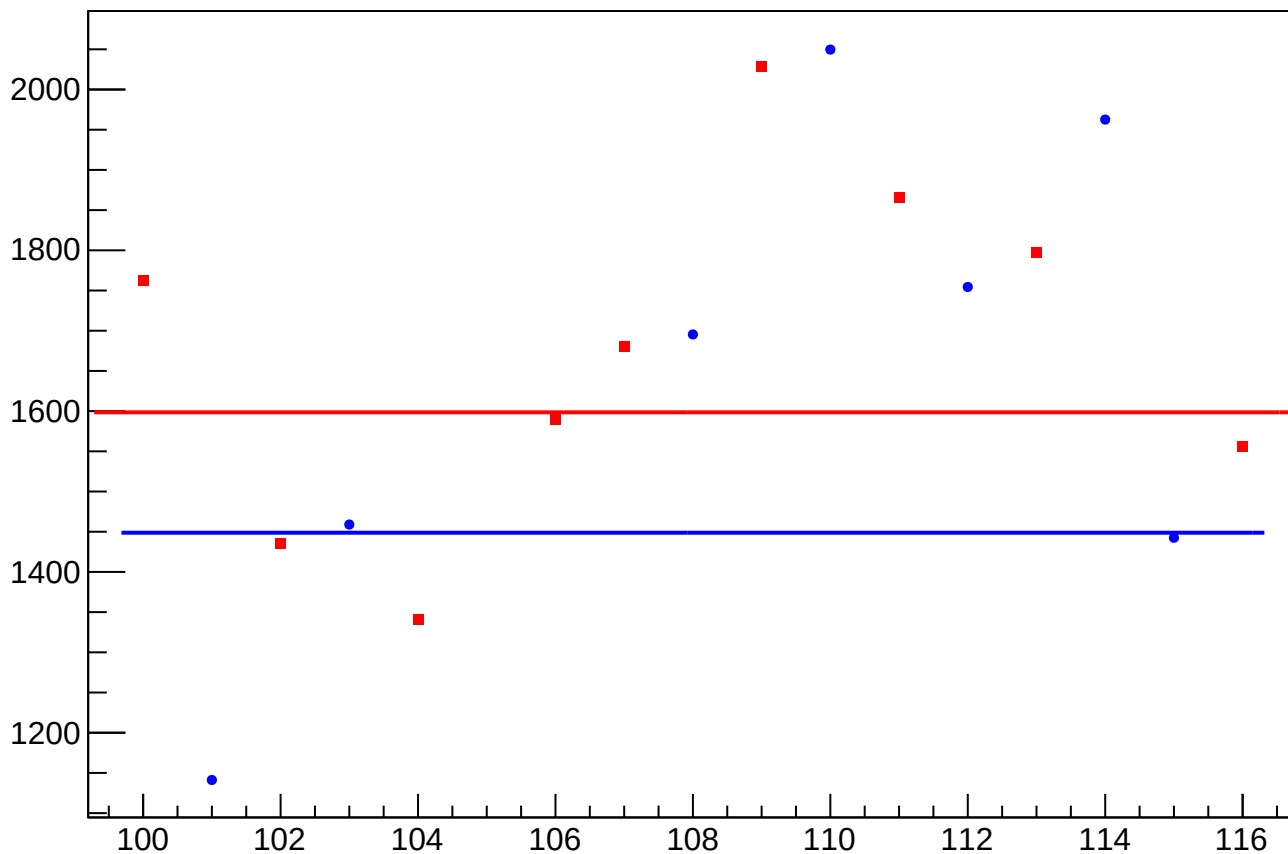
Right: -670.935+/-617.783 χ^2/NDF : 19.2/15

In: -493.485+/-886.145 χ^2/NDF :9.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -670.935+/-617.783 χ^2/NDF : 19.2/15

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1448.775+/-0.627 χ^2/NDF : 222486.2/6

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

Right Out: 1598.503+/-0.609 χ^2/NDF : 135435.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

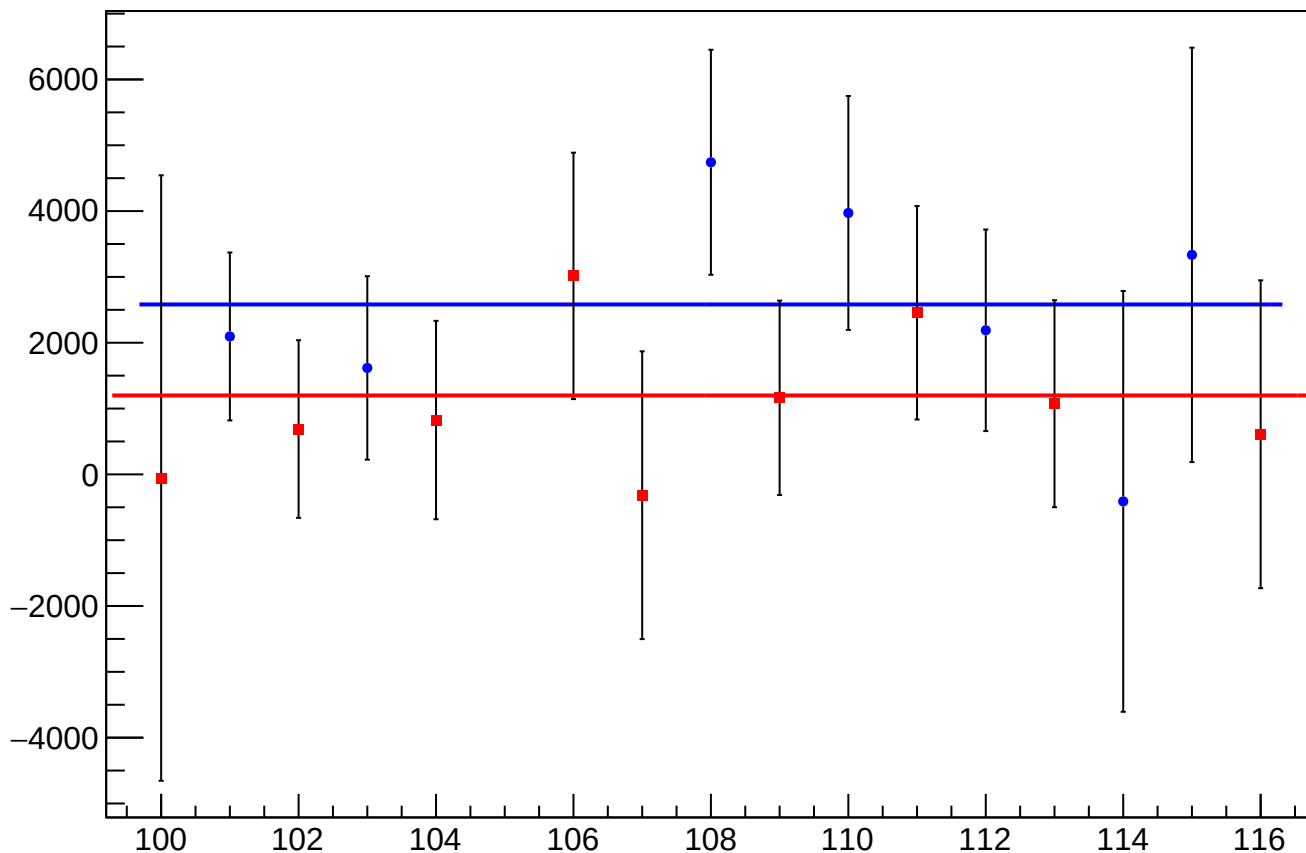
Right: 1525.731+/-0.437 χ^2/NDF : 387268.4/15

In: 1448.775+/-0.627 χ^2/NDF : 222486.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.731+/-0.437 χ^2/NDF : 387268.4/15

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2581.569+/-643.650 χ^2/NDF : 3.8/6

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

Right Out: 1199.078+/-581.510 χ^2/NDF : 2.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

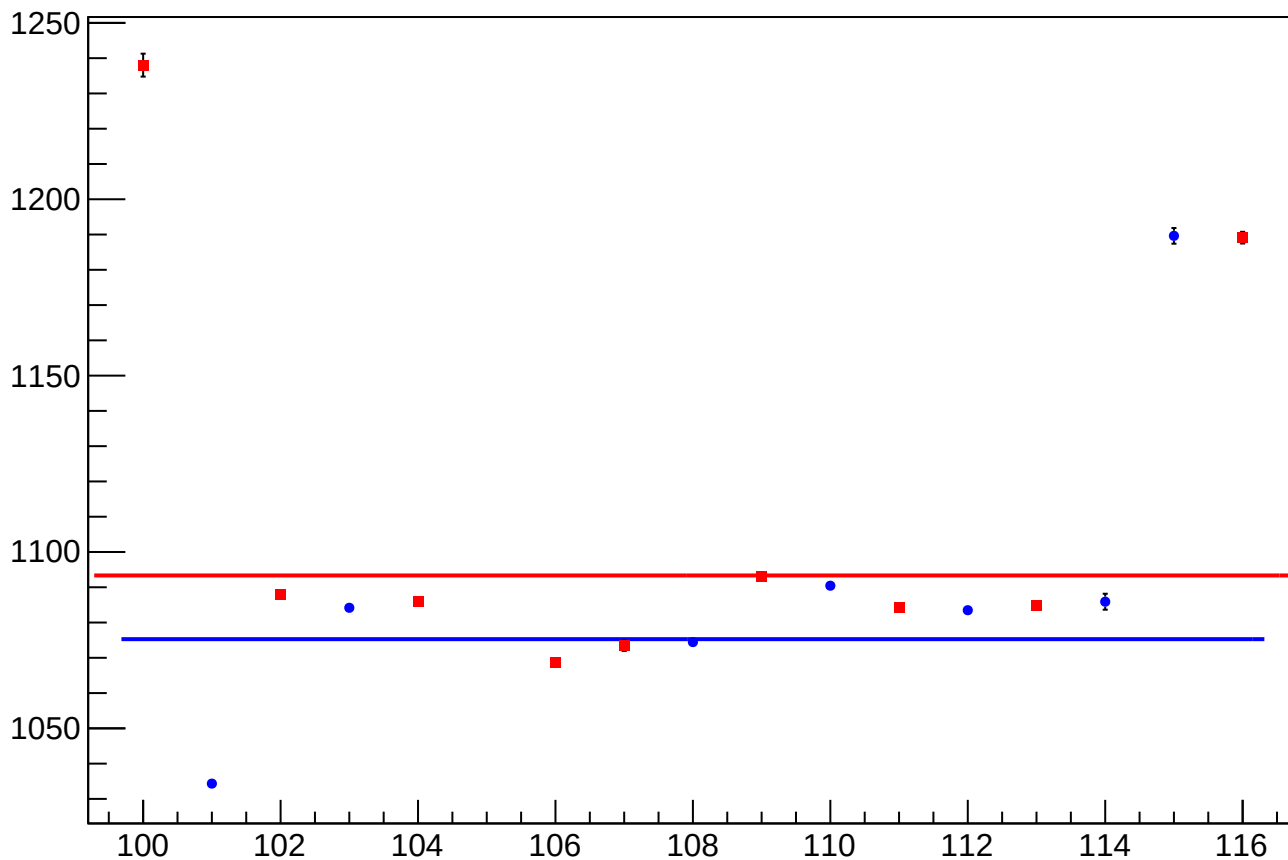
Right: 1820.383+/-431.491 χ^2/NDF : 8.7/15

In: 2581.569+/-643.650 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.383+/-431.491 χ^2/NDF : 8.7/15

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1075.287+/-0.455 χ^2/NDF : 5007.3/6

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

Right Out: 1093.345+/-0.411 χ^2/NDF : 6046.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

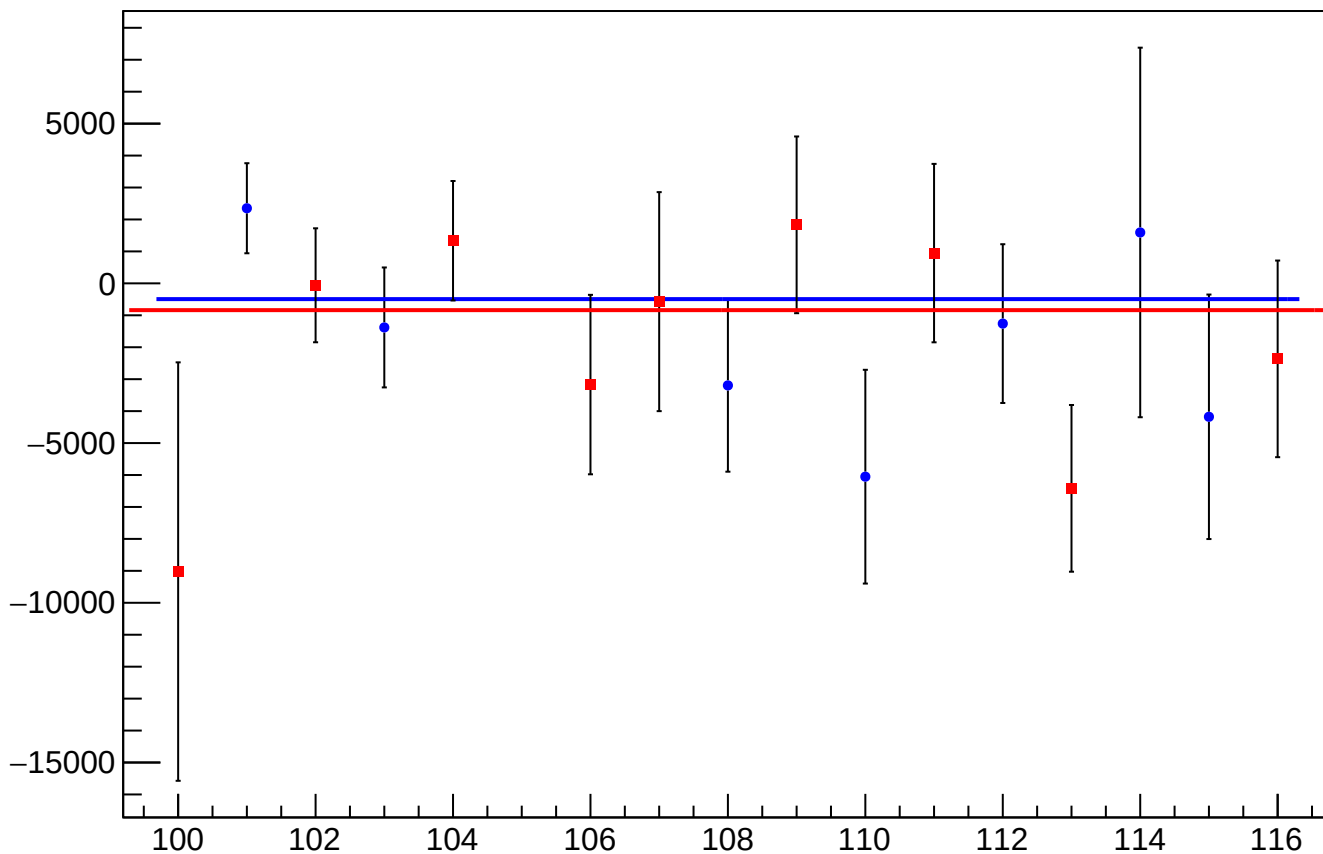
Right: 1085.229+/-0.305 χ^2/NDF : 11920.9/15

In: 1075.287+/-0.455 χ^2/NDF : 5007.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.229+/-0.305 χ^2/NDF : 11920.9/15

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: -493.485+/-886.145 χ^2/NDF : 9.2/6

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

Right Out: -838.739+/-861.721 χ^2/NDF : 10.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

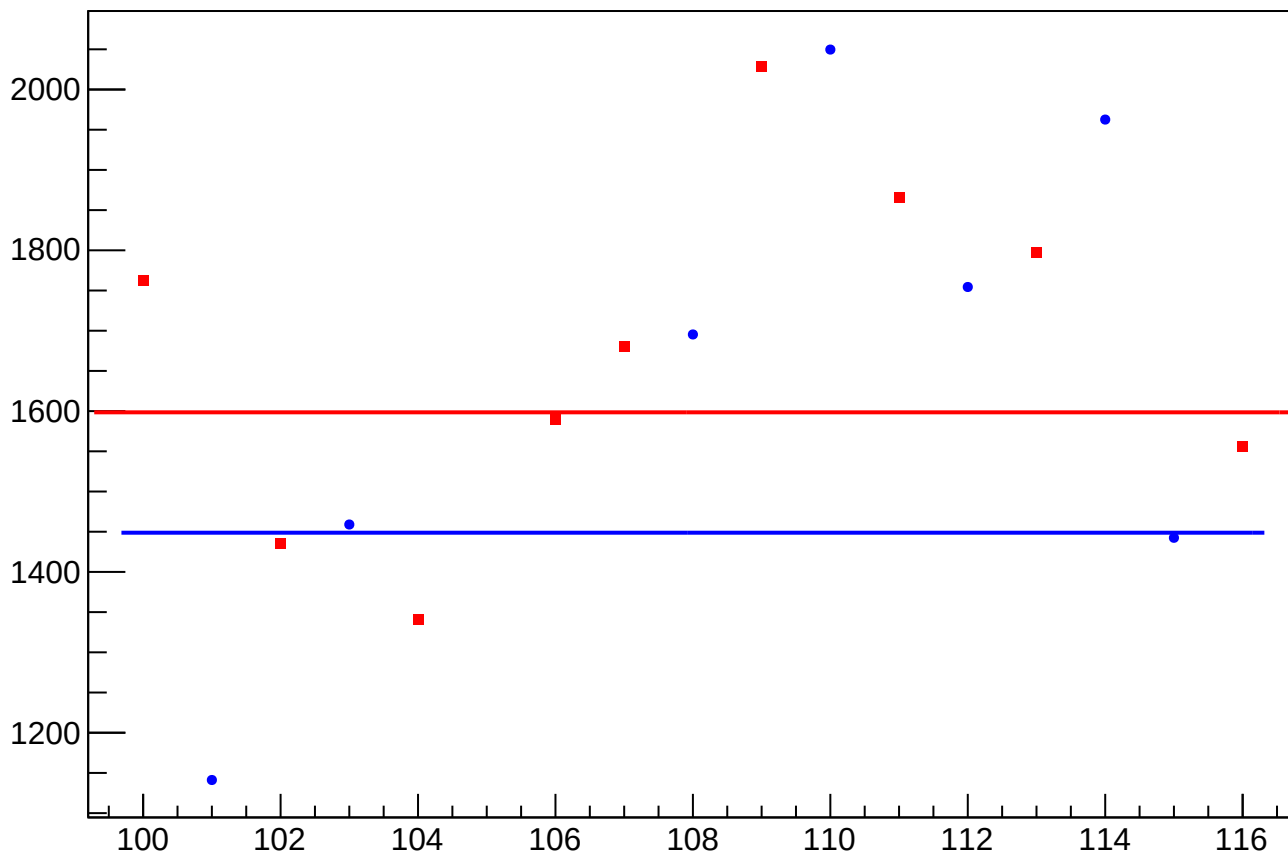
Right: -670.935+/-617.783 χ^2/NDF : 19.2/15

In: -493.485+/-886.145 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.935+/-617.783 χ^2/NDF : 19.2/15

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1448.775+/-0.627 χ^2/NDF : 222486.2/6

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

Right Out: 1598.503+/-0.609 χ^2/NDF : 135435.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

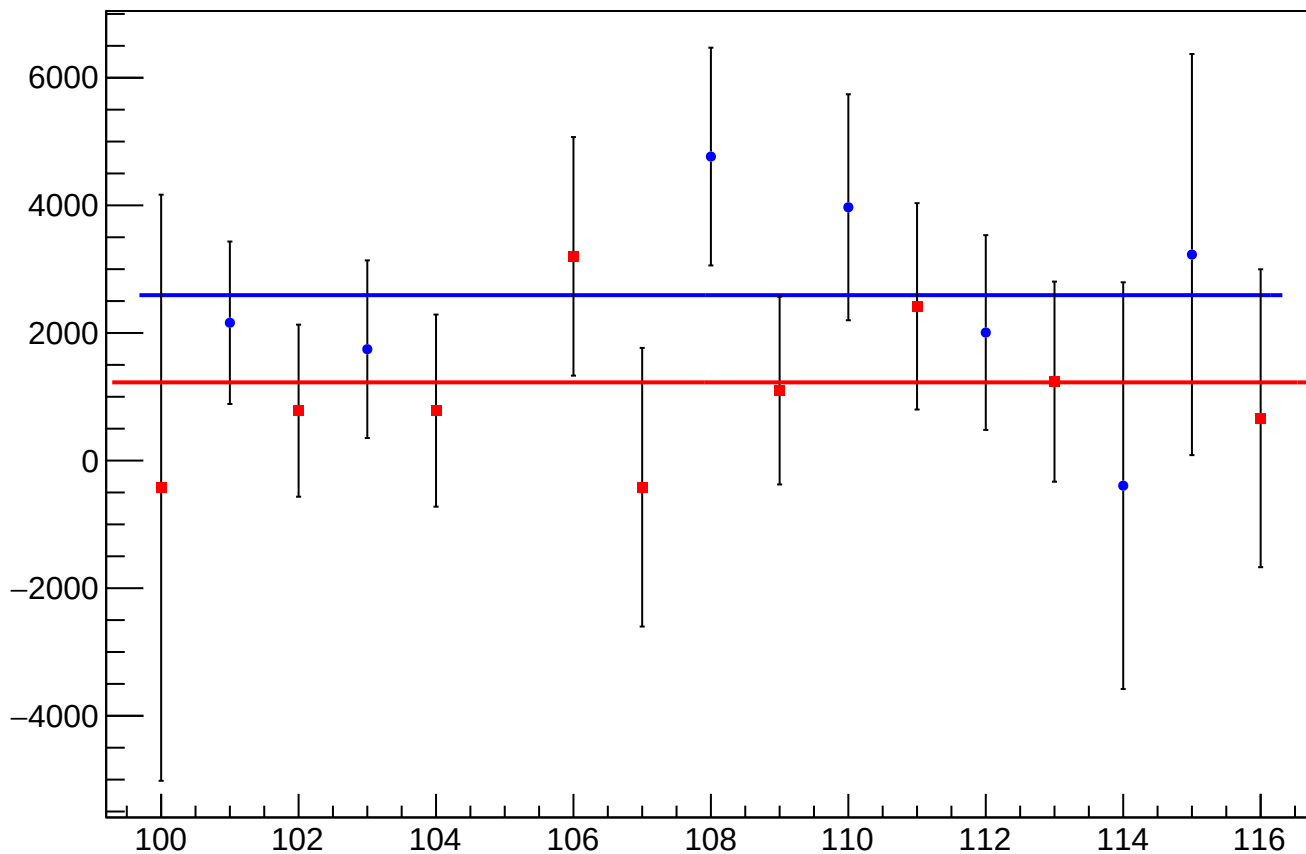
Right: 1525.731+/-0.437 χ^2/NDF : 387268.4/15

In: 1448.775+/-0.627 χ^2/NDF : 222486.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.731+/-0.437 χ^2/NDF : 387268.4/15

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2592.623+/-642.262 χ^2/NDF : 3.8/6

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

Right Out: 1225.976+/-580.346 χ^2/NDF : 2.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

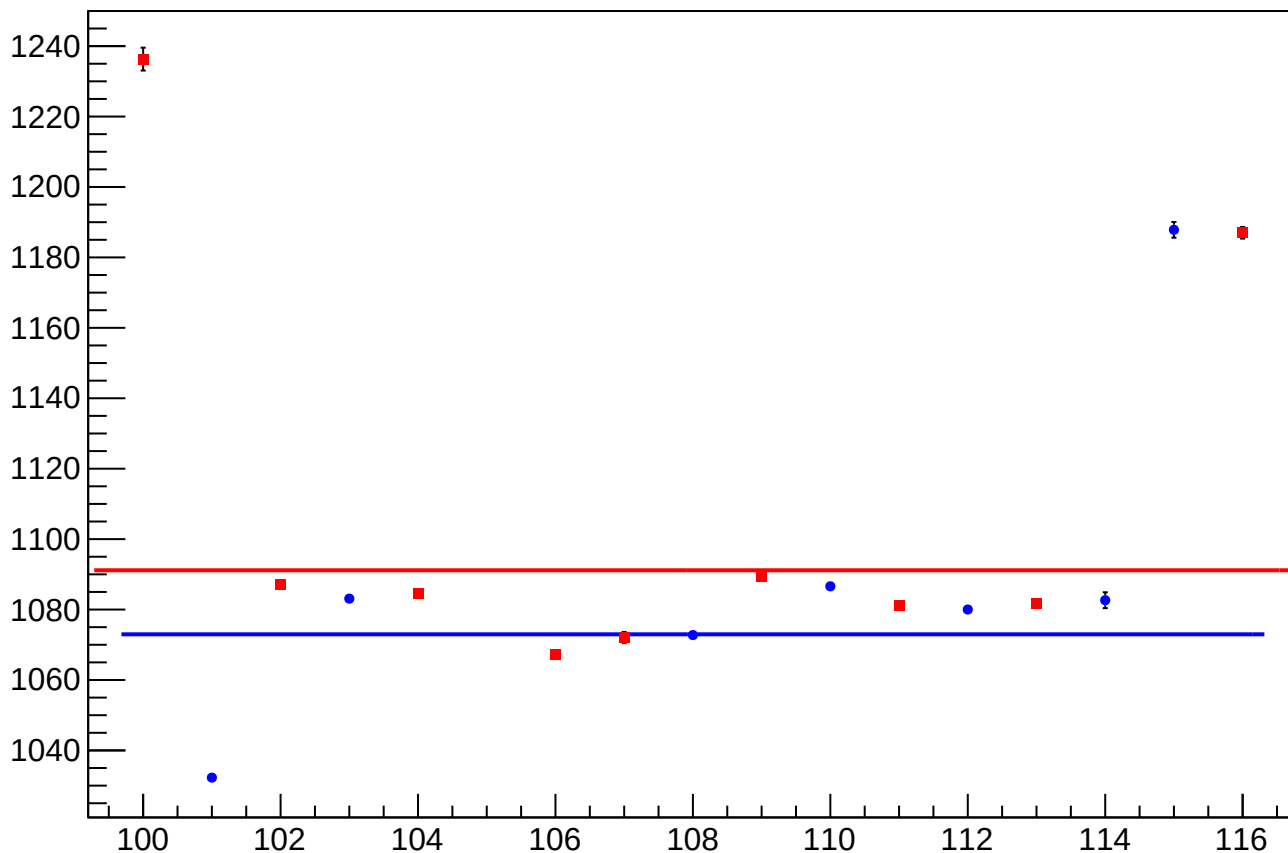
Right: 1840.266+/-430.597 χ^2/NDF : 8.9/15

In: 2592.623+/-642.262 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.266+/-430.597 χ^2/NDF : 8.9/15

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1072.968+/-0.454 χ^2/NDF : 5000.4/6

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

Right Out: 1091.156+/-0.410 χ^2/NDF : 6057.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

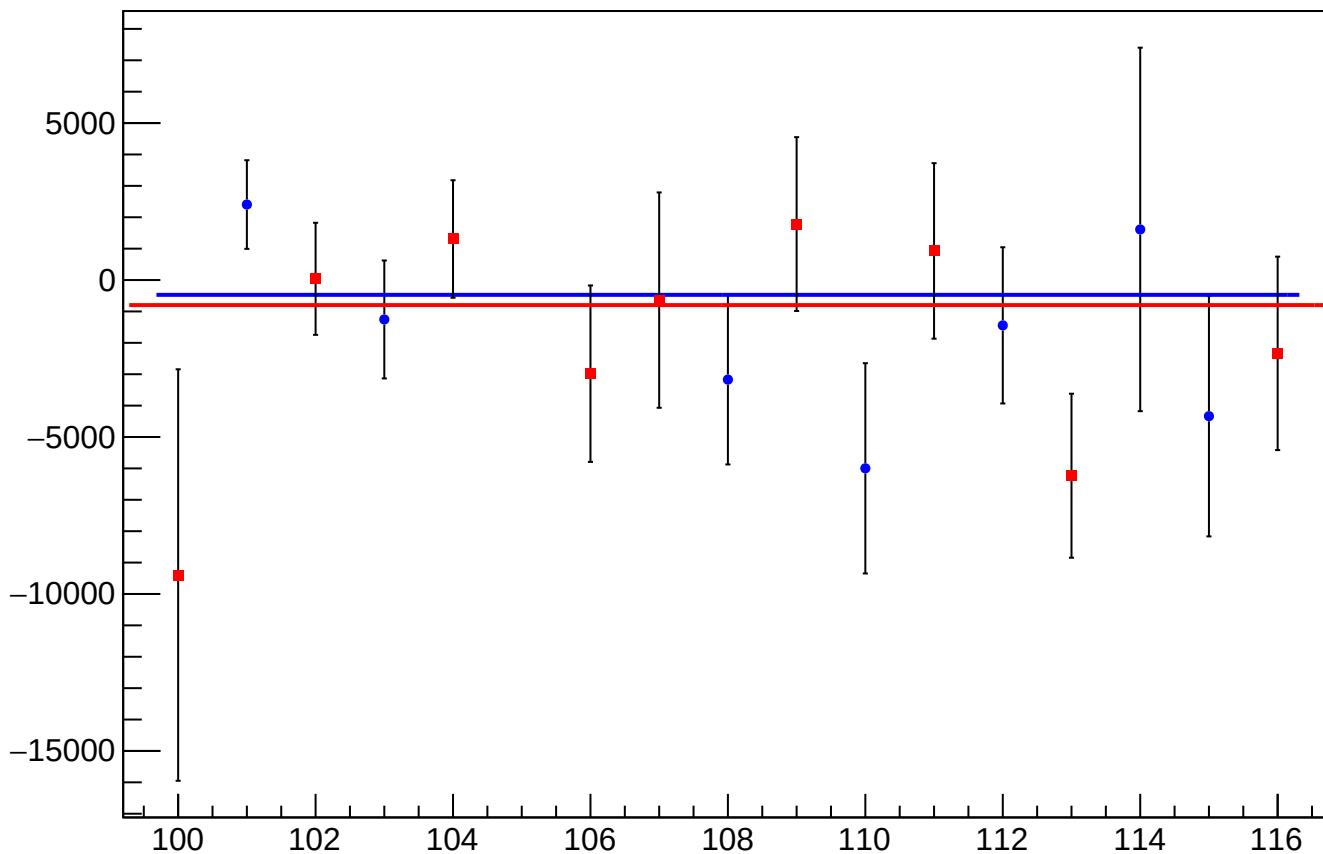
Right: 1082.981+/-0.304 χ^2/NDF : 11940.7/15

In: 1072.968+/-0.454 χ^2/NDF : 5000.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.981+/-0.304 χ^2/NDF : 11940.7/15

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -471.423+/-887.161 χ^2/NDF : 9.3/6

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

Right Out: -798.259+/-862.394 χ^2/NDF : 9.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

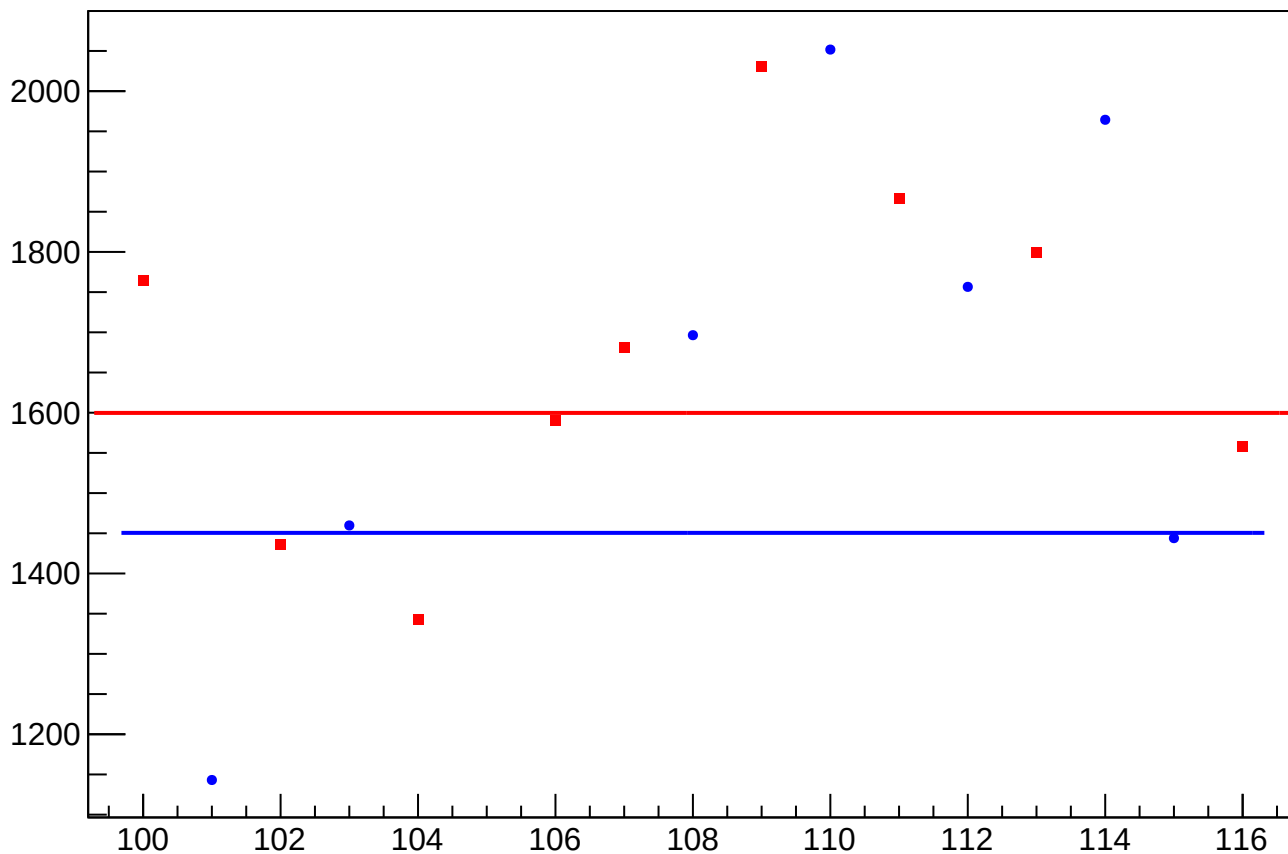
Right: -639.467+/-618.375 χ^2/NDF : 19.1/15

In: -471.423+/-887.161 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.467+/-618.375 χ^2/NDF : 19.1/15

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1450.528+/-0.627 χ^2/NDF : 221871.8/6

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

Right Out: 1599.741+/-0.610 χ^2/NDF : 135628.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

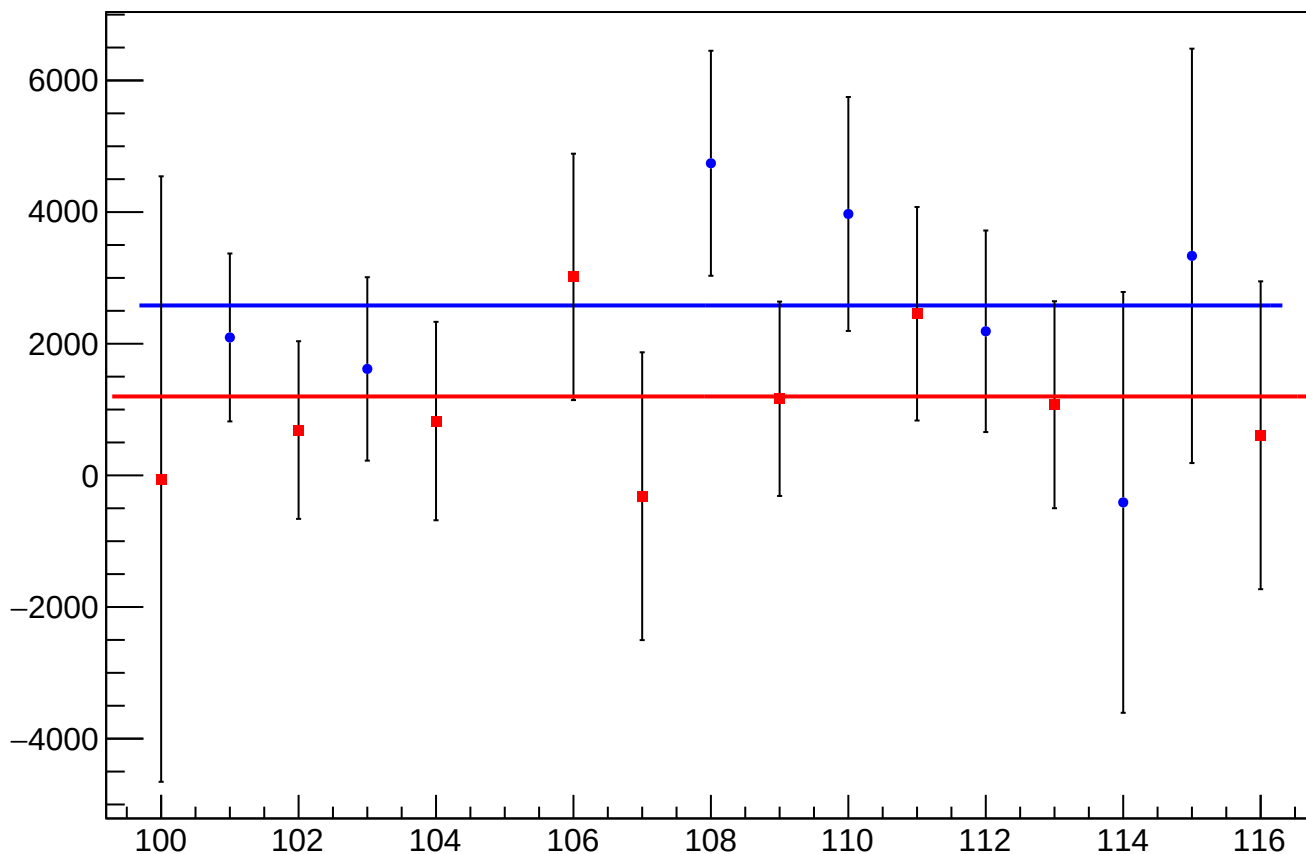
Right: 1527.246+/-0.437 χ^2/NDF : 386589.2/15

In: 1450.528+/-0.627 χ^2/NDF : 221871.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.246+/-0.437 χ^2/NDF : 386589.2/15

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2581.569+/-643.650 χ^2/NDF : 3.8/6

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

Right Out: 1199.078+/-581.510 χ^2/NDF : 2.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

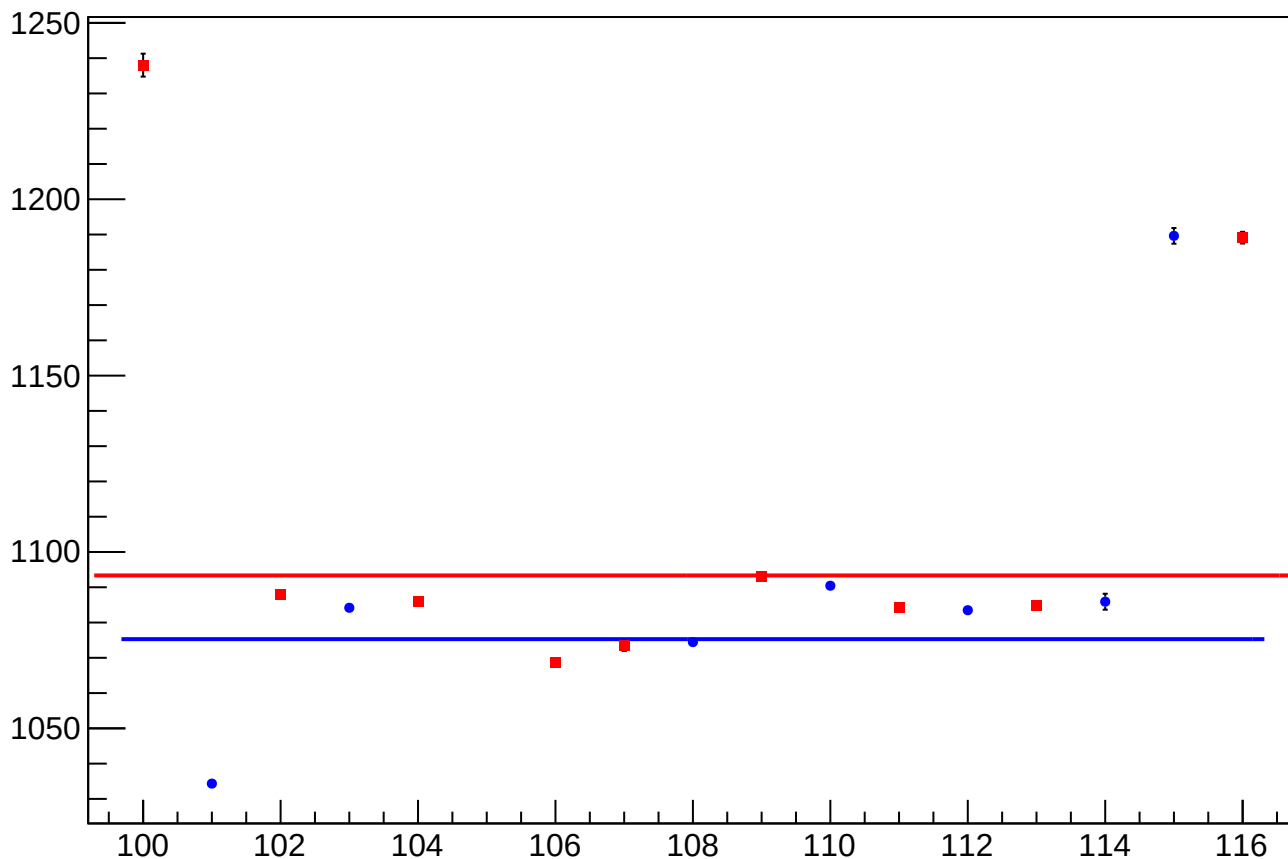
Right: 1820.383+/-431.491 χ^2/NDF : 8.7/15

In: 2581.569+/-643.650 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.383+/-431.491 χ^2/NDF : 8.7/15

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1075.287+/-0.455 χ^2/NDF : 5007.3/6

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

Right Out: 1093.345+/-0.411 χ^2/NDF : 6046.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

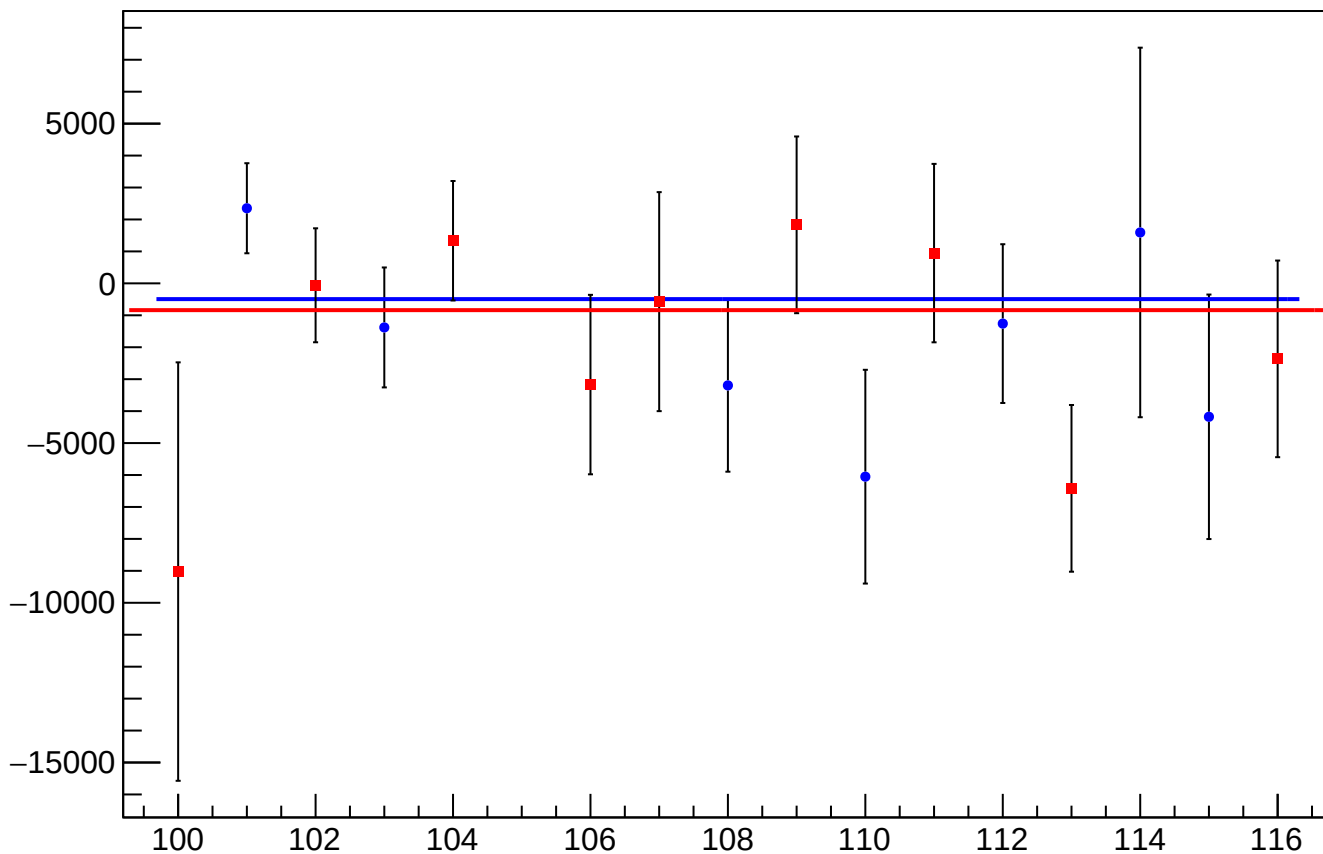
Right: 1085.229+/-0.305 χ^2/NDF : 11920.9/15

In: 1075.287+/-0.455 χ^2/NDF : 5007.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.229+/-0.305 χ^2/NDF : 11920.9/15

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -493.485+/-886.145 χ^2/NDF : 9.2/6

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

Right Out: -838.739+/-861.721 χ^2/NDF : 10.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

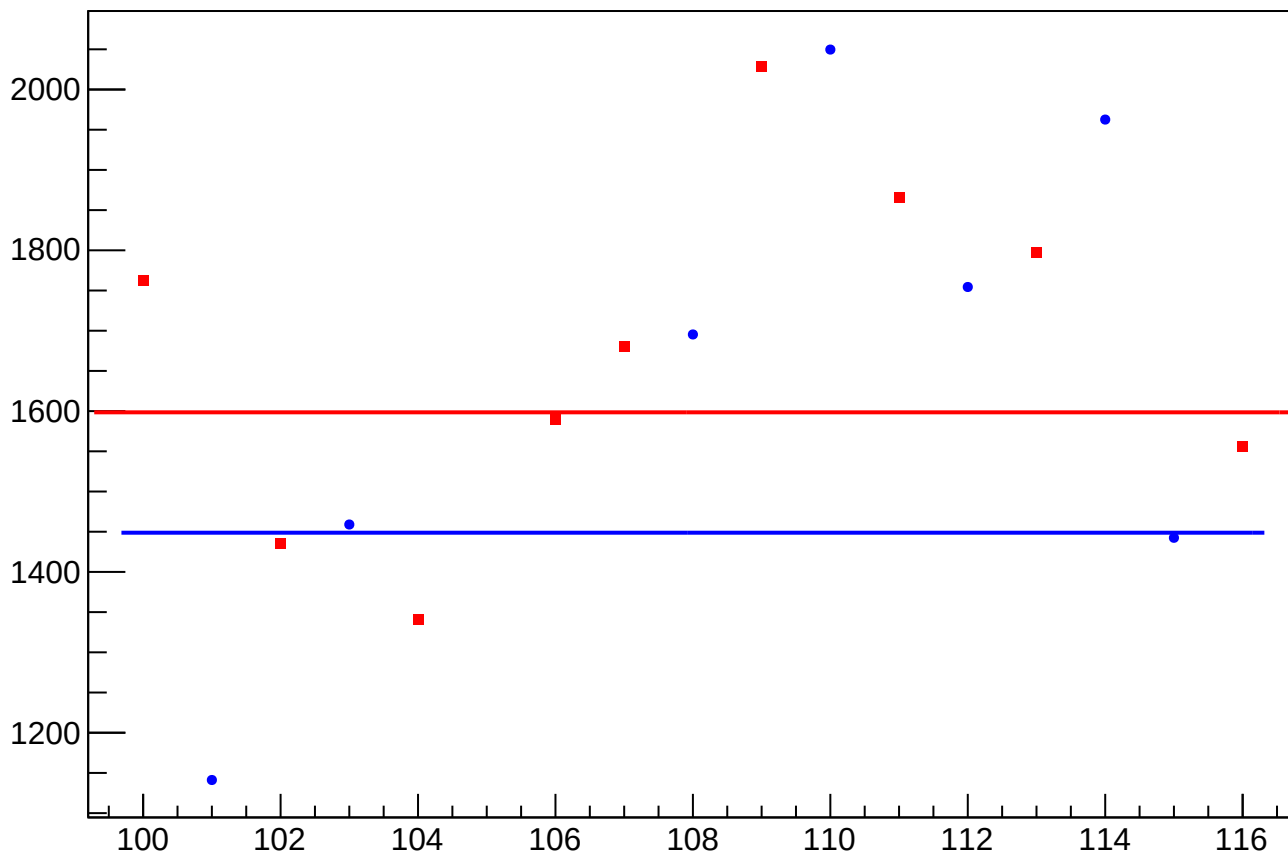
Right: -670.935+/-617.783 χ^2/NDF : 19.2/15

In: -493.485+/-886.145 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.935+/-617.783 χ^2/NDF : 19.2/15

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1448.775+/-0.627 χ^2/NDF : 222486.2/6

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

Right Out: 1598.503+/-0.609 χ^2/NDF : 135435.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

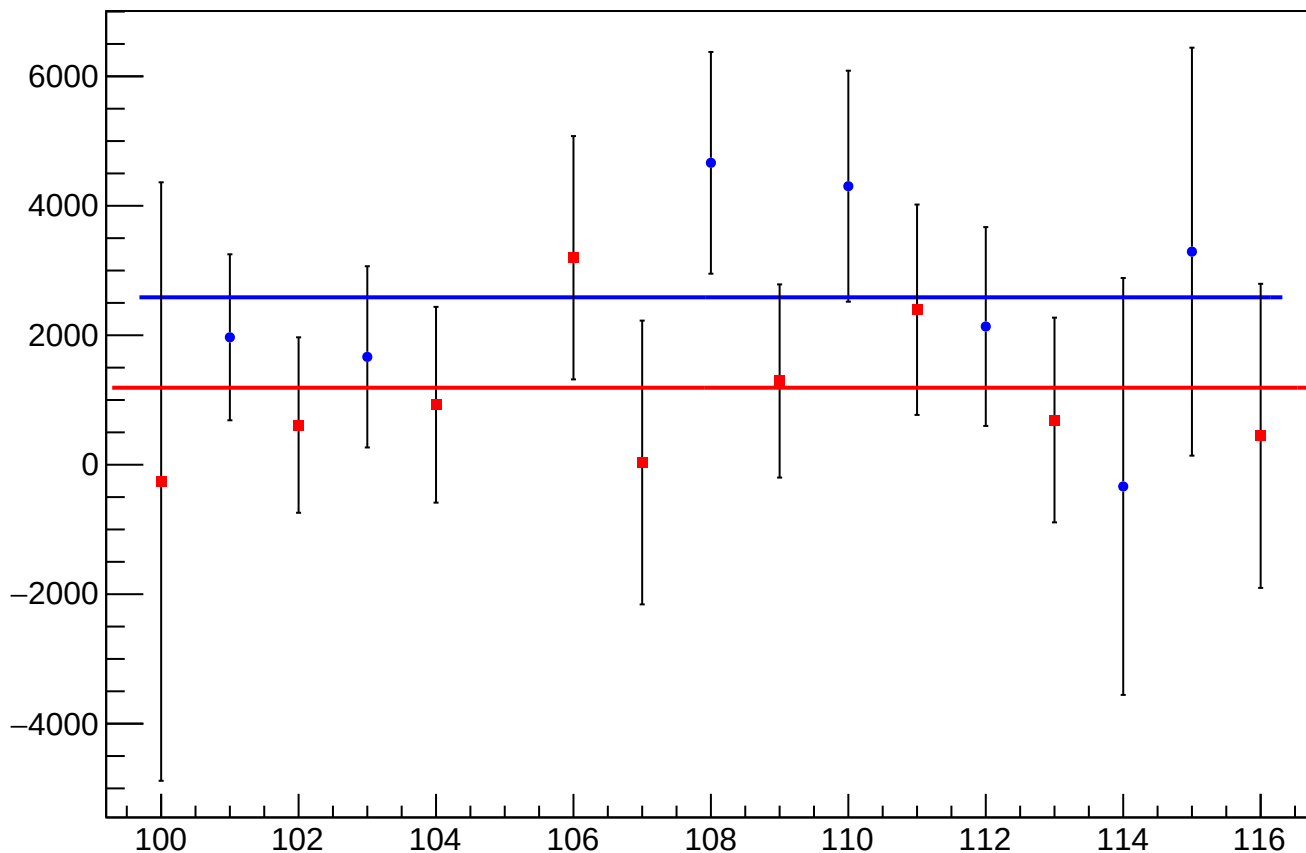
Right: 1525.731+/-0.437 χ^2/NDF : 387268.4/15

In: 1448.775+/-0.627 χ^2/NDF : 222486.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.731+/-0.437 χ^2/NDF : 387268.4/15

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2586.319+/-646.188 χ^2/NDF : 4.0/6

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

Right Out: 1189.601+/-584.309 χ^2/NDF : 2.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

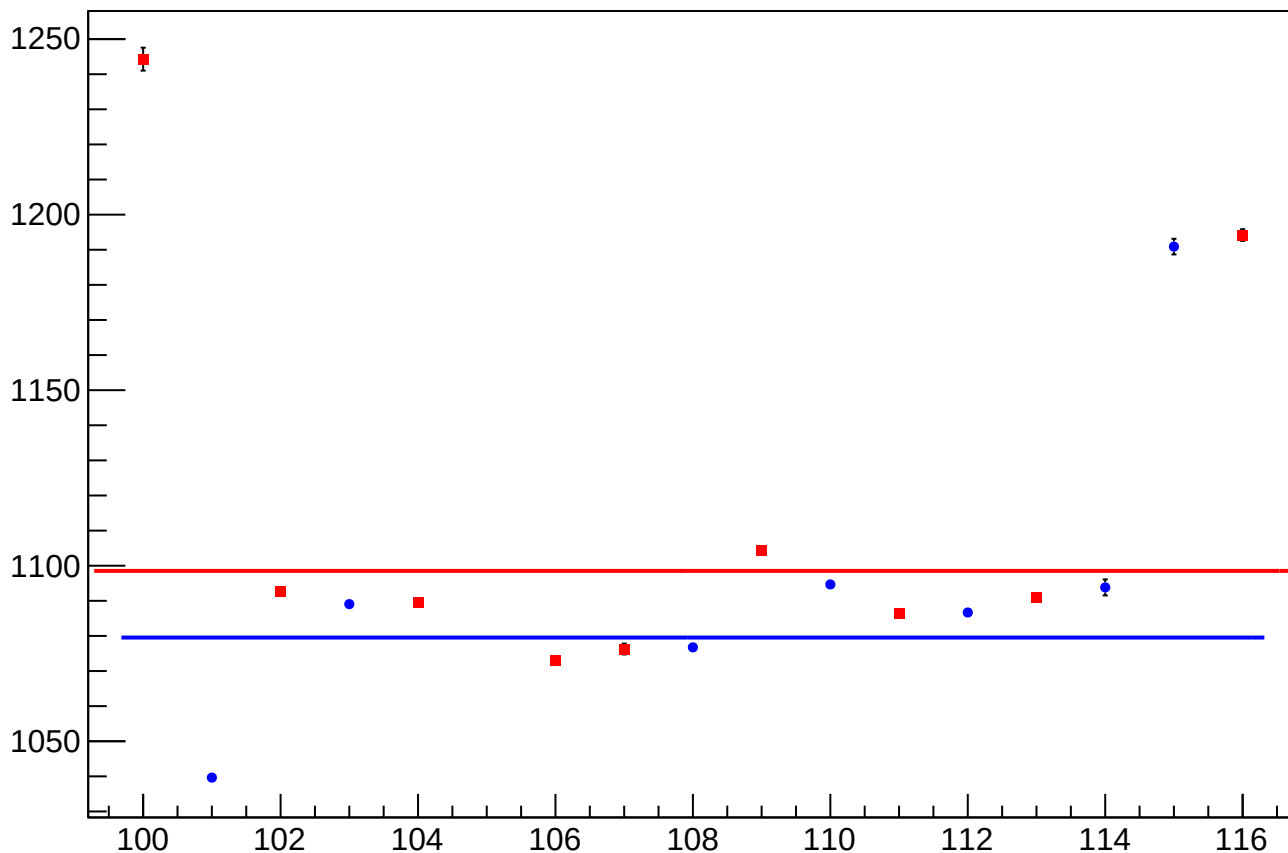
Right: 1817.899+/-433.399 χ^2/NDF : 9.1/15

In: 2586.319+/-646.188 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1817.899+/-433.399 χ^2/NDF : 9.1/15

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1079.540 $\pm$ 0.457 χ^2 /NDF: 4758.2/6

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

Right Out: 1098.526 $\pm$ 0.413 χ^2 /NDF: 6183.3/8

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

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

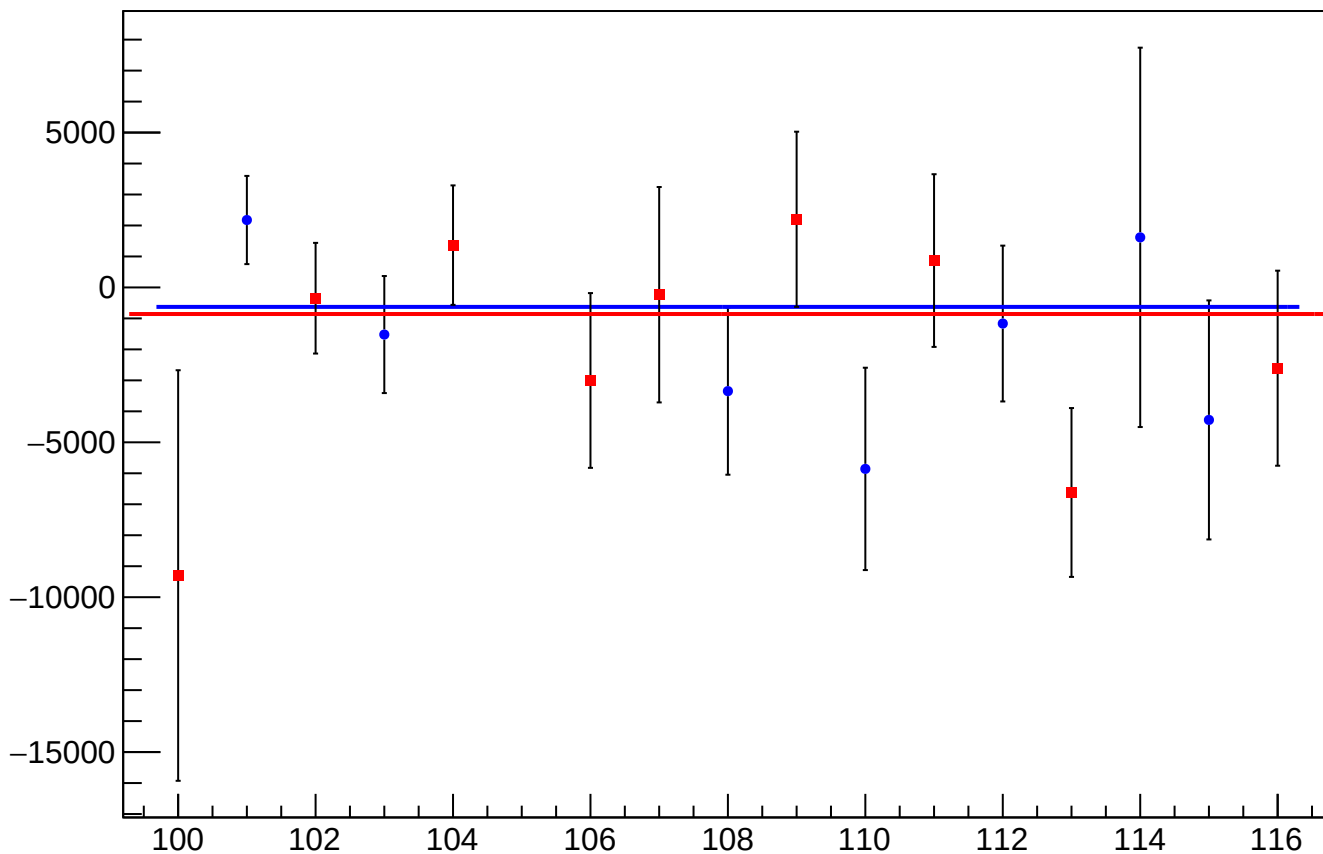
Right: 1089.985 $\pm$ 0.306 χ^2 /NDF: 11891.4/15

In: 1079.540 $\pm$ 0.457 χ^2 /NDF:4758.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1089.985 $\pm$ 0.306 χ^2 /NDF: 11891.4/15

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -628.179+/-892.154 χ^2/NDF : 8.8/6

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

Right Out: -858.107+/-876.173 χ^2/NDF : 10.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

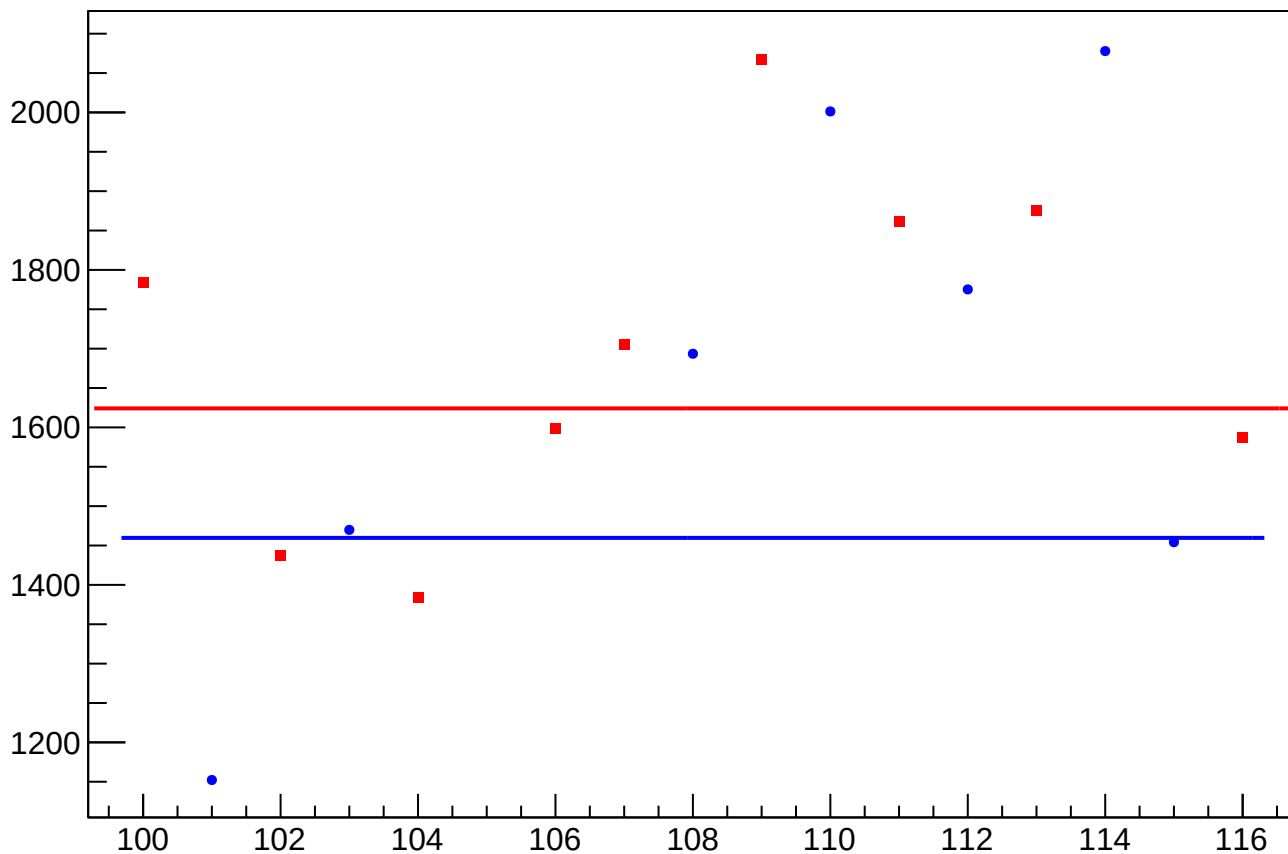
Right: -745.221+/-625.121 χ^2/NDF : 18.8/15

In: -628.179+/-892.154 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -745.221+/-625.121 χ^2/NDF : 18.8/15

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1459.687+/-0.631 χ^2/NDF : 215210.4/6

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

Right Out: 1624.149+/-0.620 χ^2/NDF : 136215.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

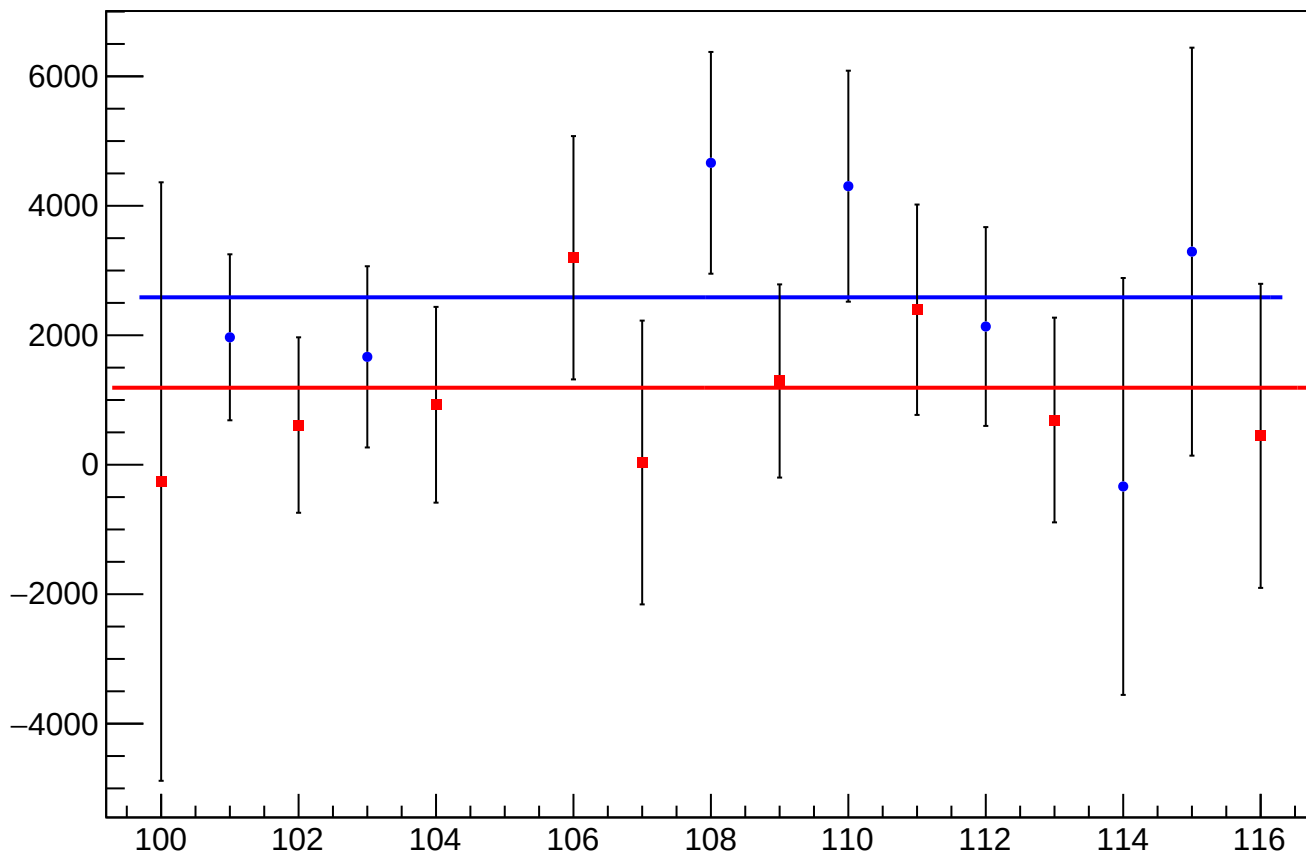
Right: 1543.404+/-0.442 χ^2/NDF : 386022.2/15

In: 1459.687+/-0.631 χ^2/NDF :215210.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1543.404+/-0.442 χ^2/NDF : 386022.2/15

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2586.322+/-646.188 χ^2/NDF : 4.0/6

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

Right Out: 1189.604+/-584.309 χ^2/NDF : 2.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

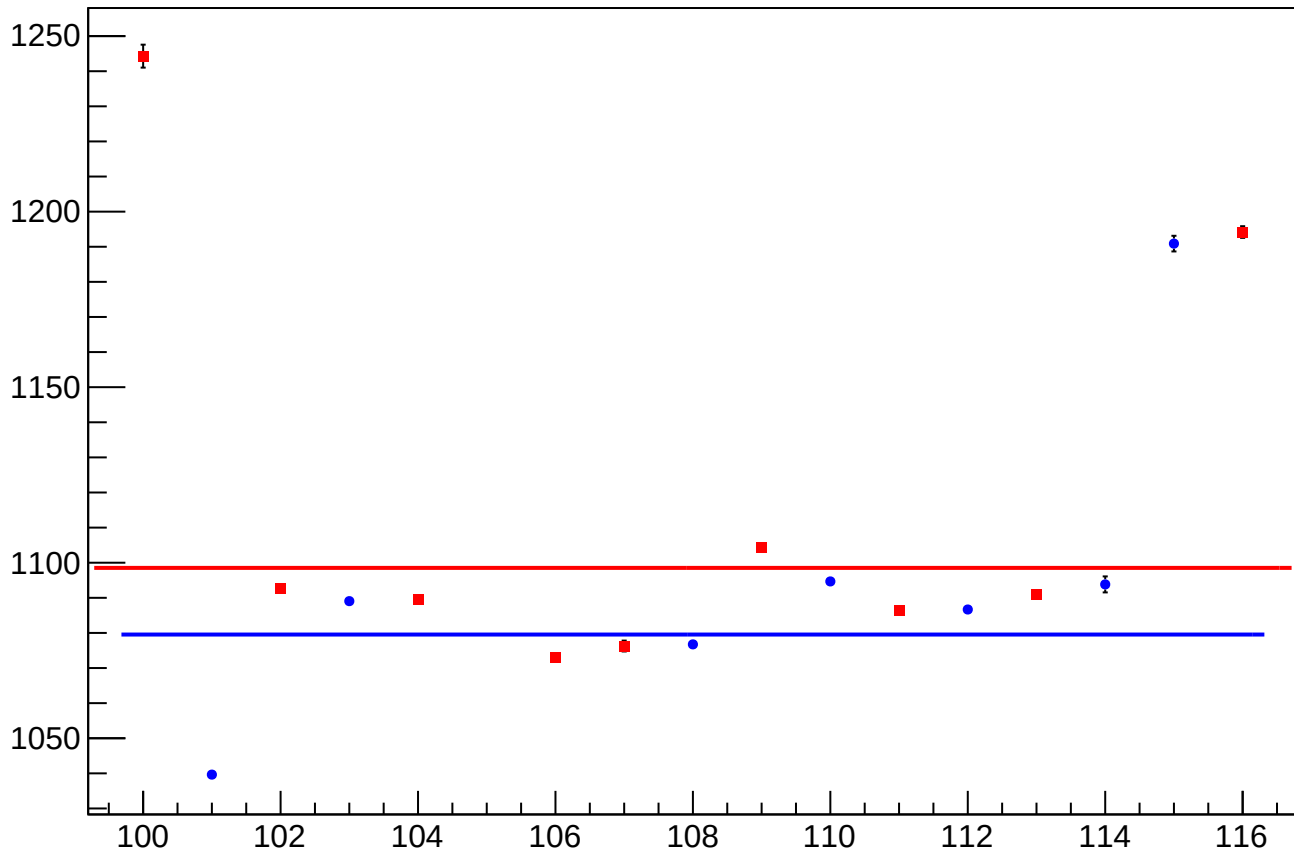
Right: 1817.902+/-433.399 χ^2/NDF : 9.1/15

In: 2586.322+/-646.188 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1817.902+/-433.399 χ^2/NDF : 9.1/15

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1079.540+/-0.457 χ^2/NDF : 4758.2/6

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

Right Out: 1098.526+/-0.413 χ^2/NDF : 6183.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

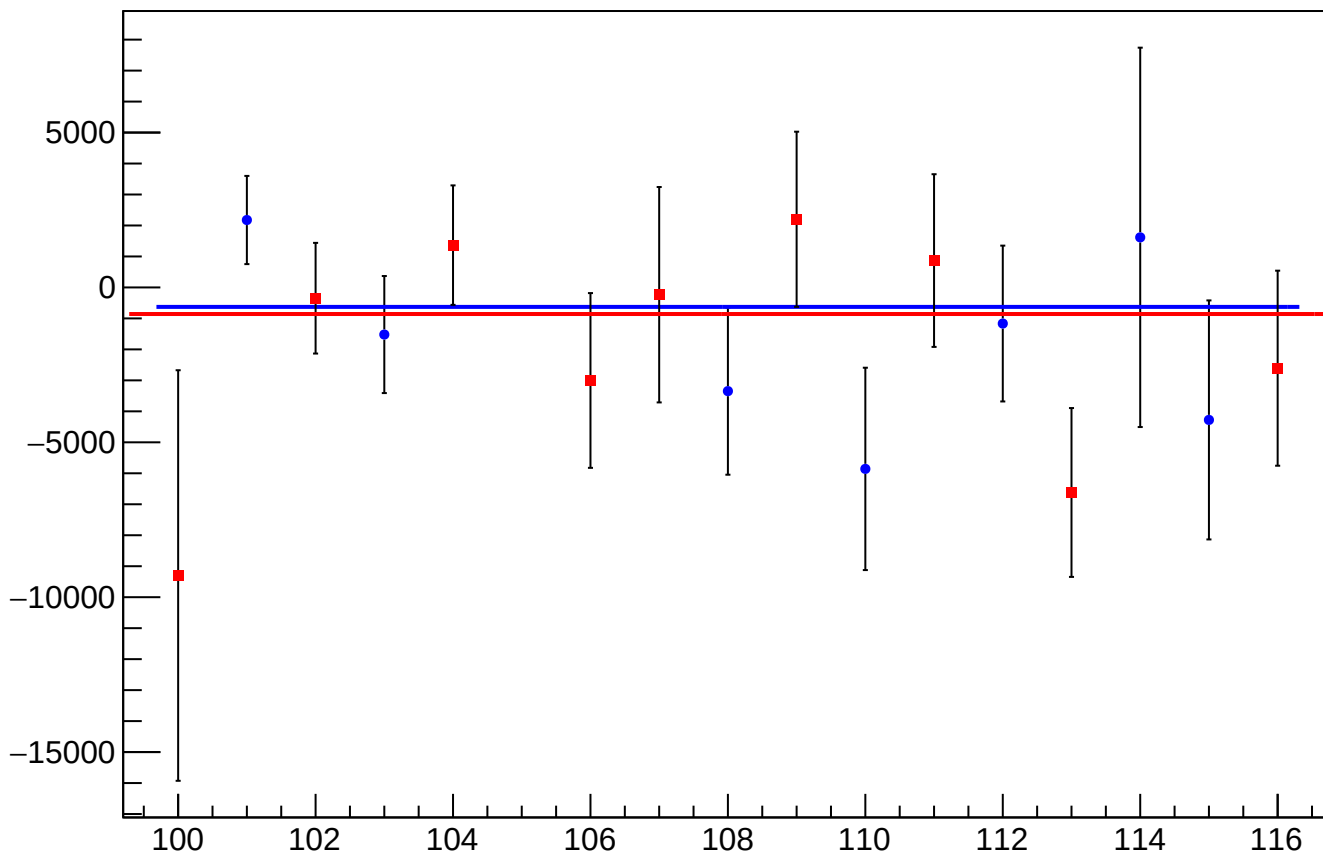
Right: 1089.985+/-0.306 χ^2/NDF : 11891.4/15

In: 1079.540+/-0.457 χ^2/NDF : 4758.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.985+/-0.306 χ^2/NDF : 11891.4/15

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -628.182+/-892.153 χ^2 /NDF: 8.8/6

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

Right Out: -858.114+/-876.173 χ^2 /NDF: 10.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

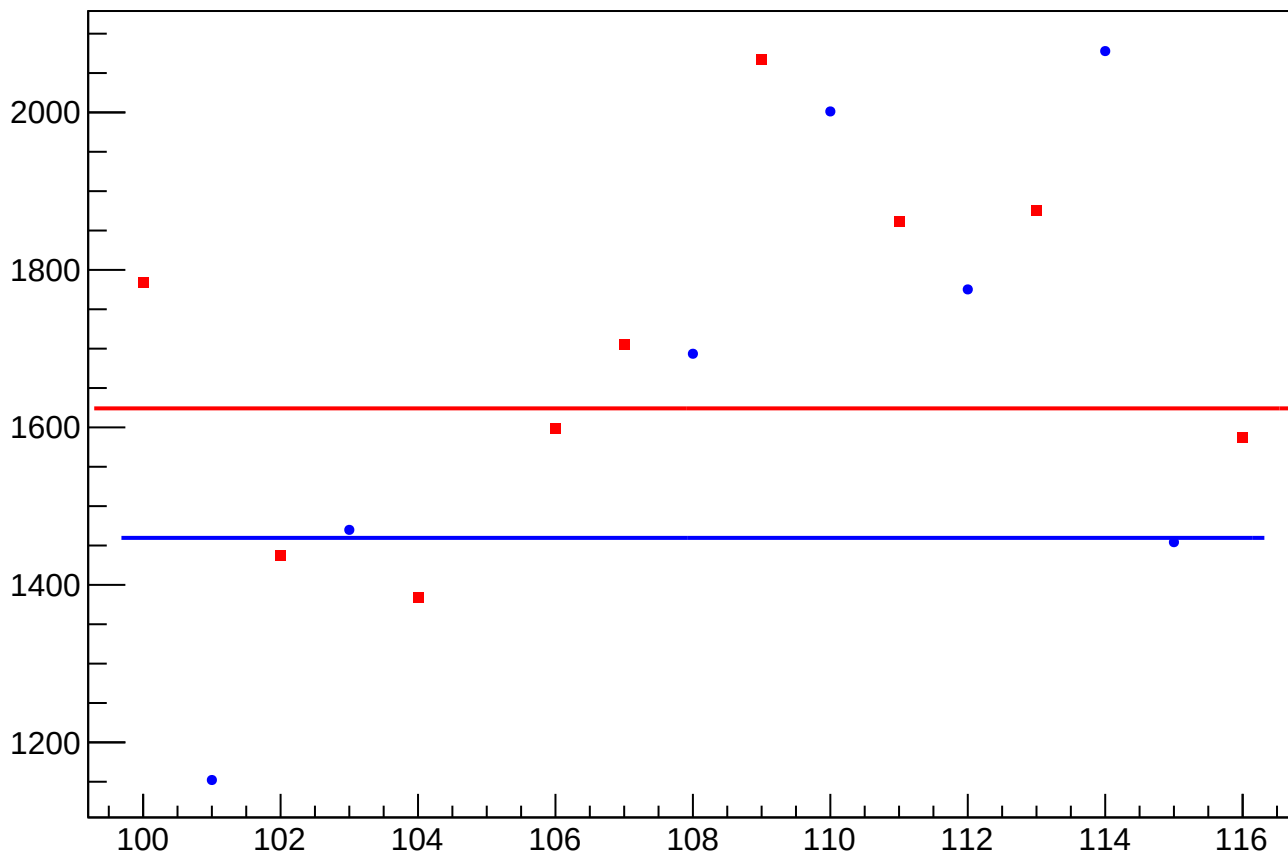
Right: -745.226+/-625.121 χ^2 /NDF: 18.8/15

In: -628.182+/-892.153 χ^2 /NDF:8.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -745.226+/-625.121 χ^2 /NDF: 18.8/15

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1459.686+/-0.631 χ^2/NDF : 215206.9/6

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

Right Out: 1624.149+/-0.620 χ^2/NDF : 136210.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

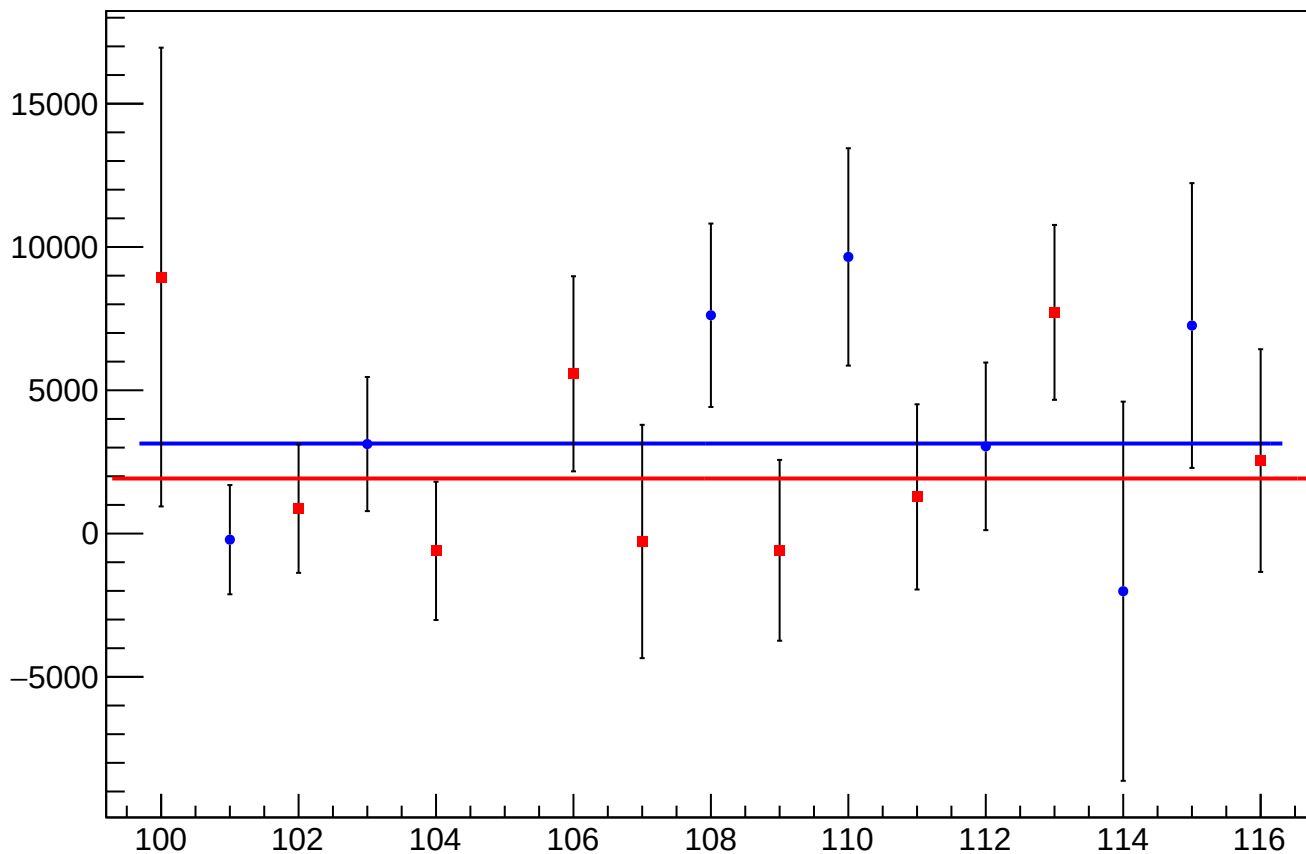
Right: 1543.404+/-0.442 χ^2/NDF : 386014.5/15

In: 1459.686+/-0.631 χ^2/NDF : 215206.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.404+/-0.442 χ^2/NDF : 386014.5/15

asym_usr_mean vs Slug, Sign Corrected



Right In: 3141.912 $\pm$ 1114.205 χ^2 /NDF: 9.3/6

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

Right Out: 1921.809 $\pm$ 1052.257 χ^2 /NDF: 7.8/8

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

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

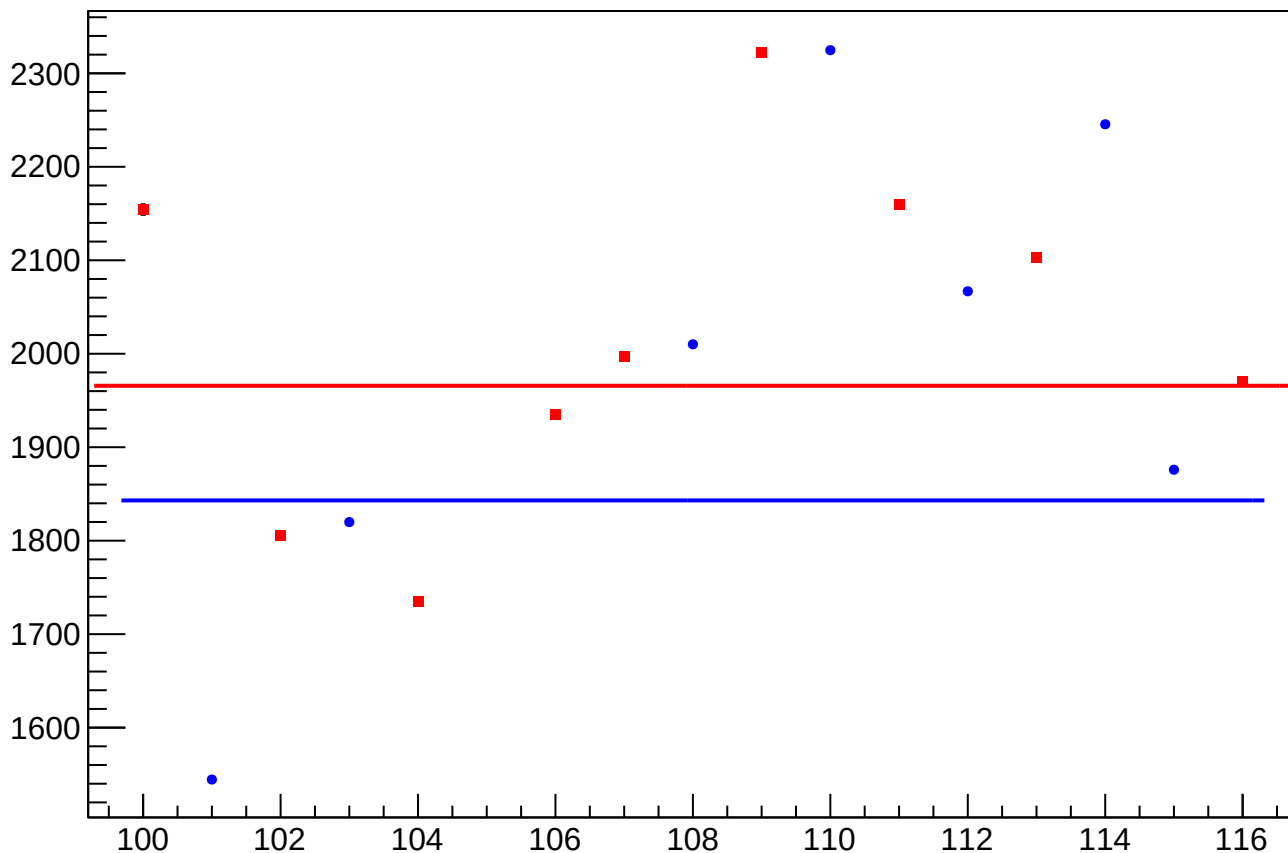
Right: 2497.002 $\pm$ 765.021 χ^2 /NDF: 17.8/15

In: 3141.912 $\pm$ 1114.205 χ^2 /NDF:9.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2497.002 $\pm$ 765.021 χ^2 /NDF: 17.8/15

asym_usr_rms vs Slug, Sign Corrected



Right In: 1843.068+/-0.788 χ^2/NDF : 106229.0/6

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

Right Out: 1965.716+/-0.744 χ^2/NDF : 66642.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

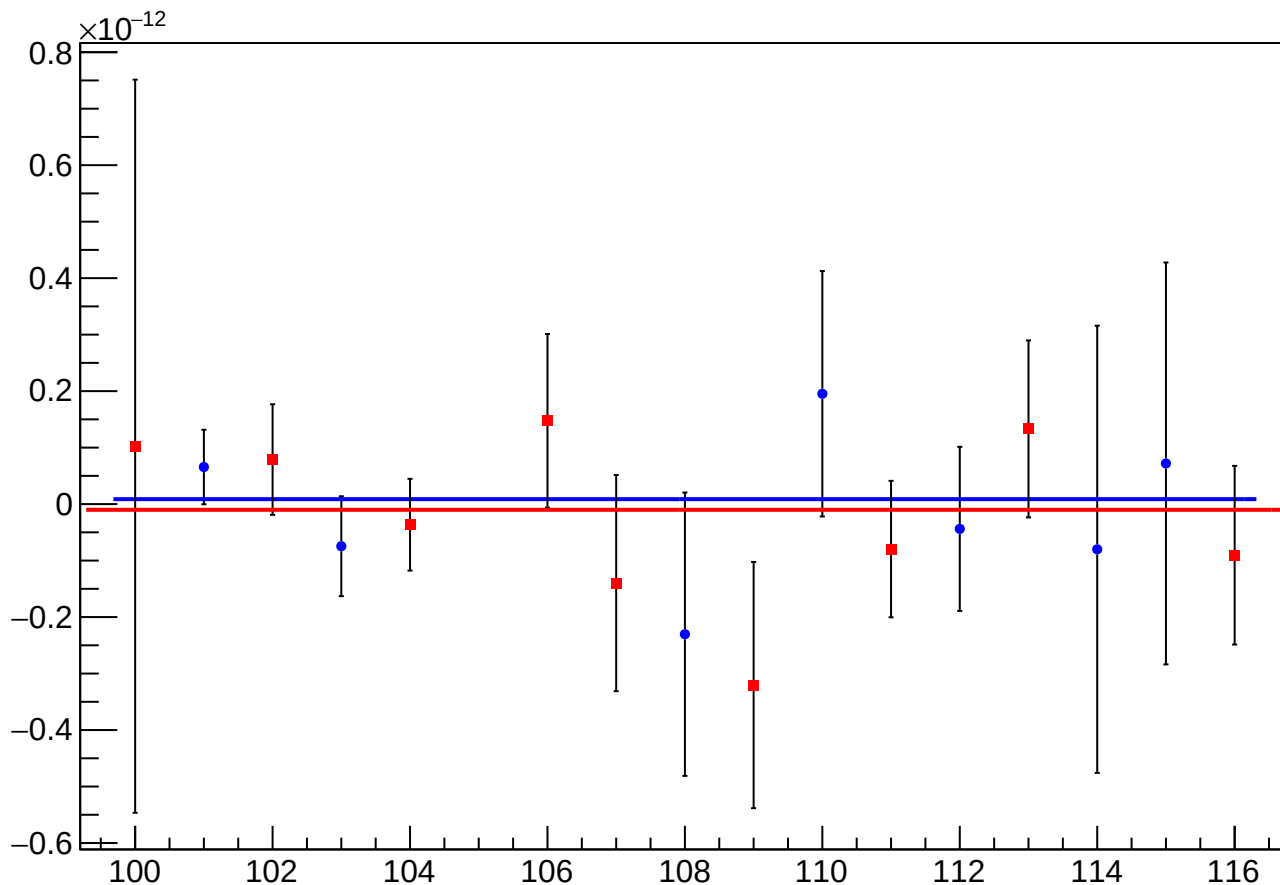
Right: 1907.896+/-0.541 χ^2/NDF : 185680.5/15

In: 1843.068+/-0.788 χ^2/NDF : 106229.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.896+/-0.541 χ^2/NDF : 185680.5/15

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

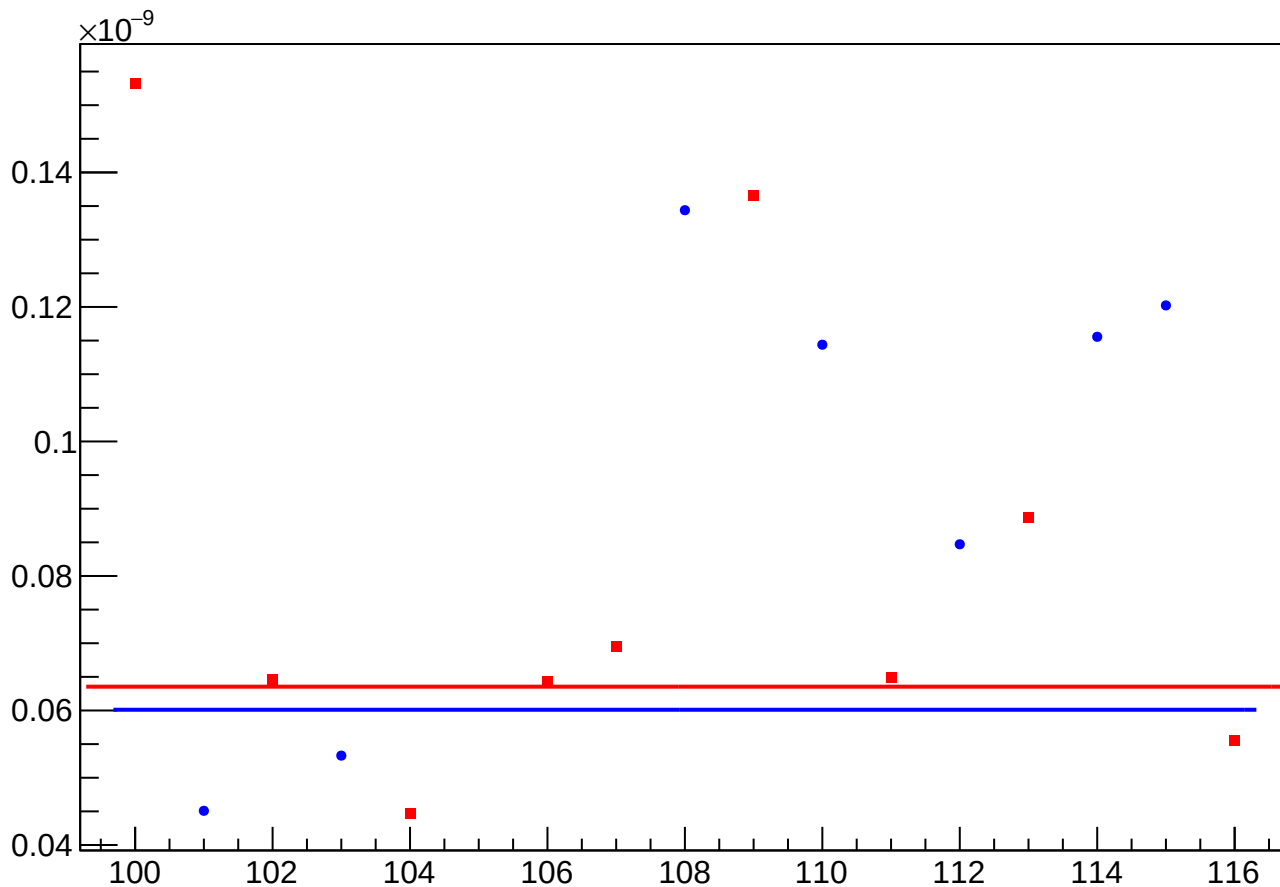
Right: -0.000+/-0.000 χ^2/NDF : 9.5/15

In: 0.000+/-0.000 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.5/15

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 569672.7/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 429062.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

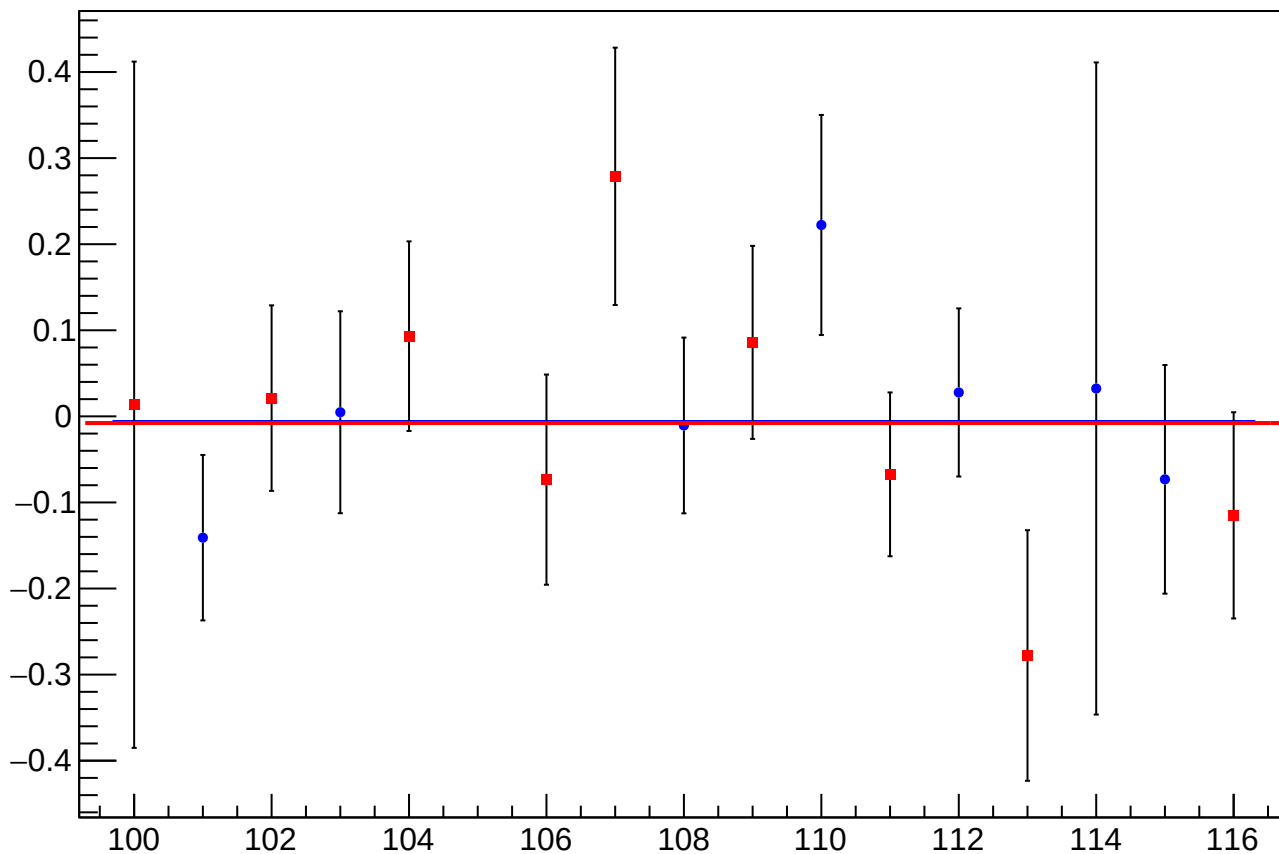
Right: 0.000+/-0.000 χ^2/NDF : 1004346.8/15

In: 0.000+/-0.000 χ^2/NDF : 569672.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1004346.8/15

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.044 χ^2 /NDF: 5.6/6

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

Right Out: -0.008 $\pm$ 0.041 χ^2 /NDF: 10.2/8

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

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

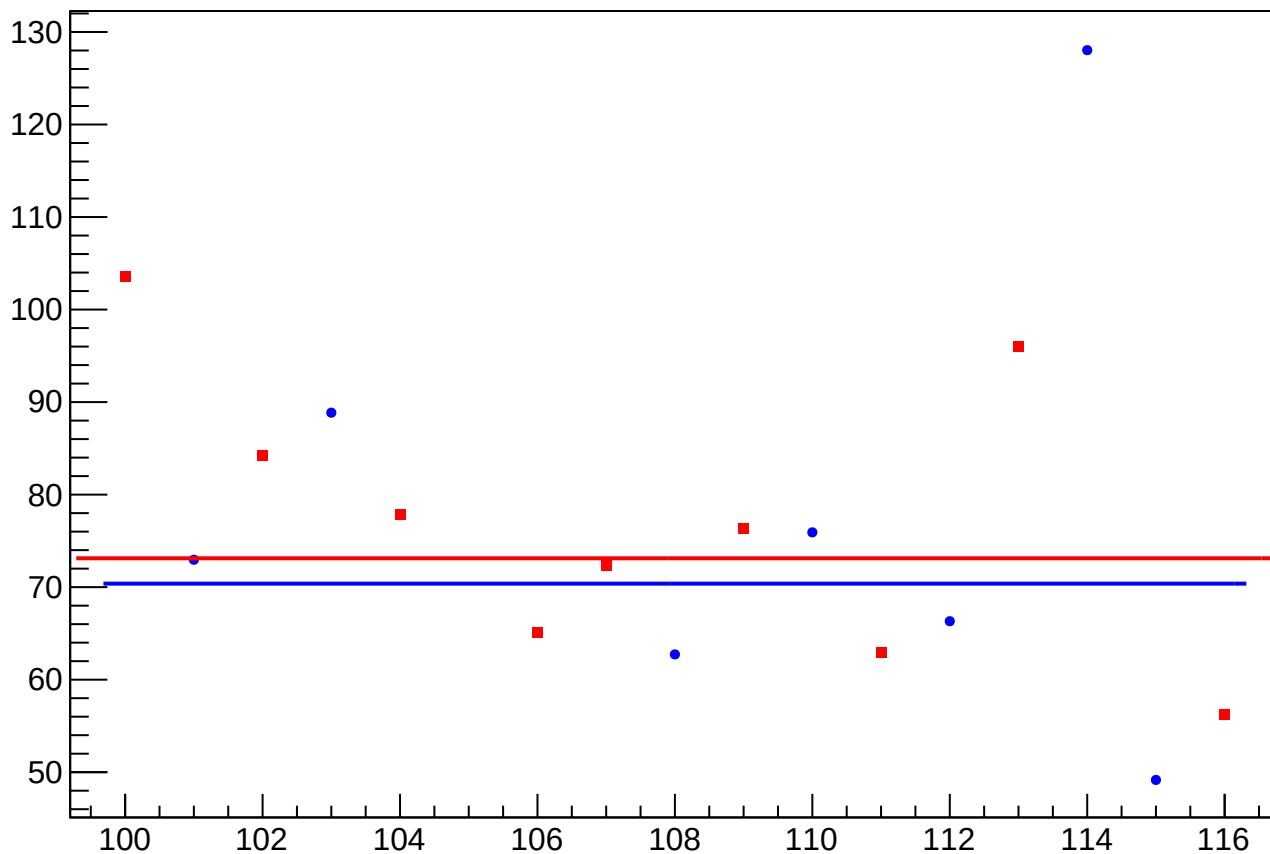
Right: -0.007 $\pm$ 0.030 χ^2 /NDF: 15.8/15

In: -0.007 $\pm$ 0.044 χ^2 /NDF:5.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.030 χ^2 /NDF: 15.8/15

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.380 $\pm$ 0.031 χ^2 /NDF: 166873.1/6

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

Right Out: 73.119 $\pm$ 0.029 χ^2 /NDF: 159182.5/8

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

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

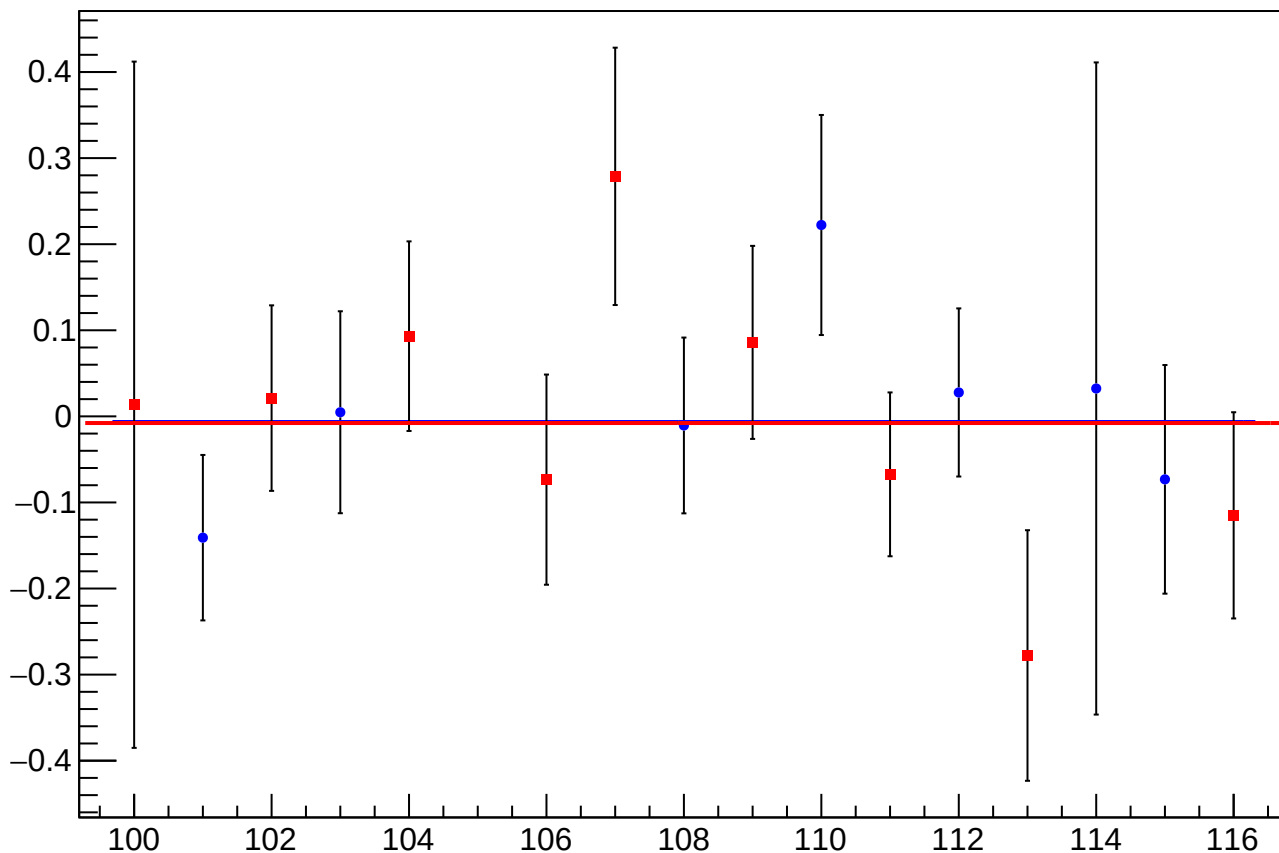
Right: 71.858 $\pm$ 0.021 χ^2 /NDF: 330155.6/15

In: 70.380 $\pm$ 0.031 χ^2 /NDF:166873.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.858 $\pm$ 0.021 χ^2 /NDF: 330155.6/15

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.044 χ^2/NDF : 5.6/6

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

Right Out: -0.008 ± 0.041 χ^2/NDF : 10.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

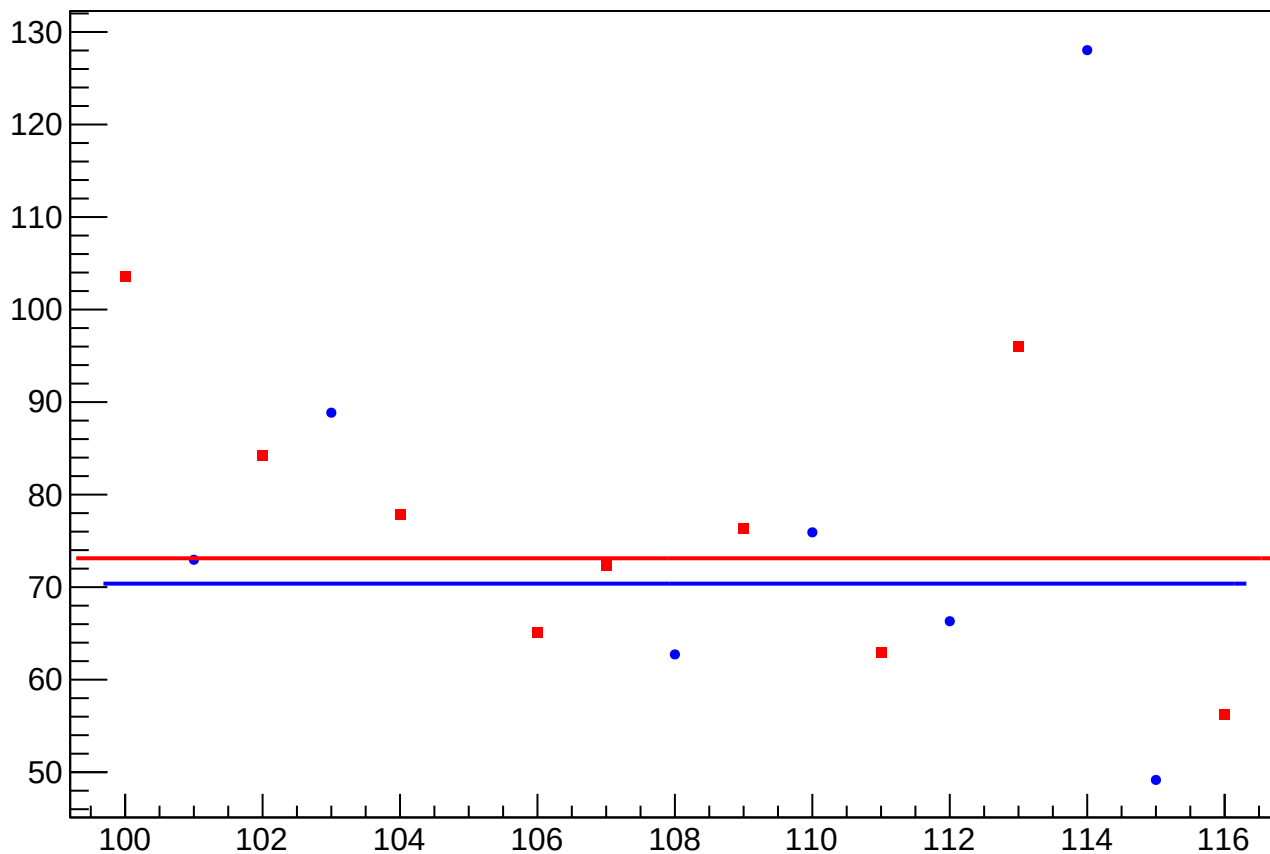
Right: -0.007 ± 0.030 χ^2/NDF : 15.8/15

In: -0.007 ± 0.044 χ^2/NDF : 5.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.030 χ^2/NDF : 15.8/15

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.380 $\pm$ 0.031 χ^2 /NDF: 166873.1/6

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

Right Out: 73.119 $\pm$ 0.029 χ^2 /NDF: 159182.5/8

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

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

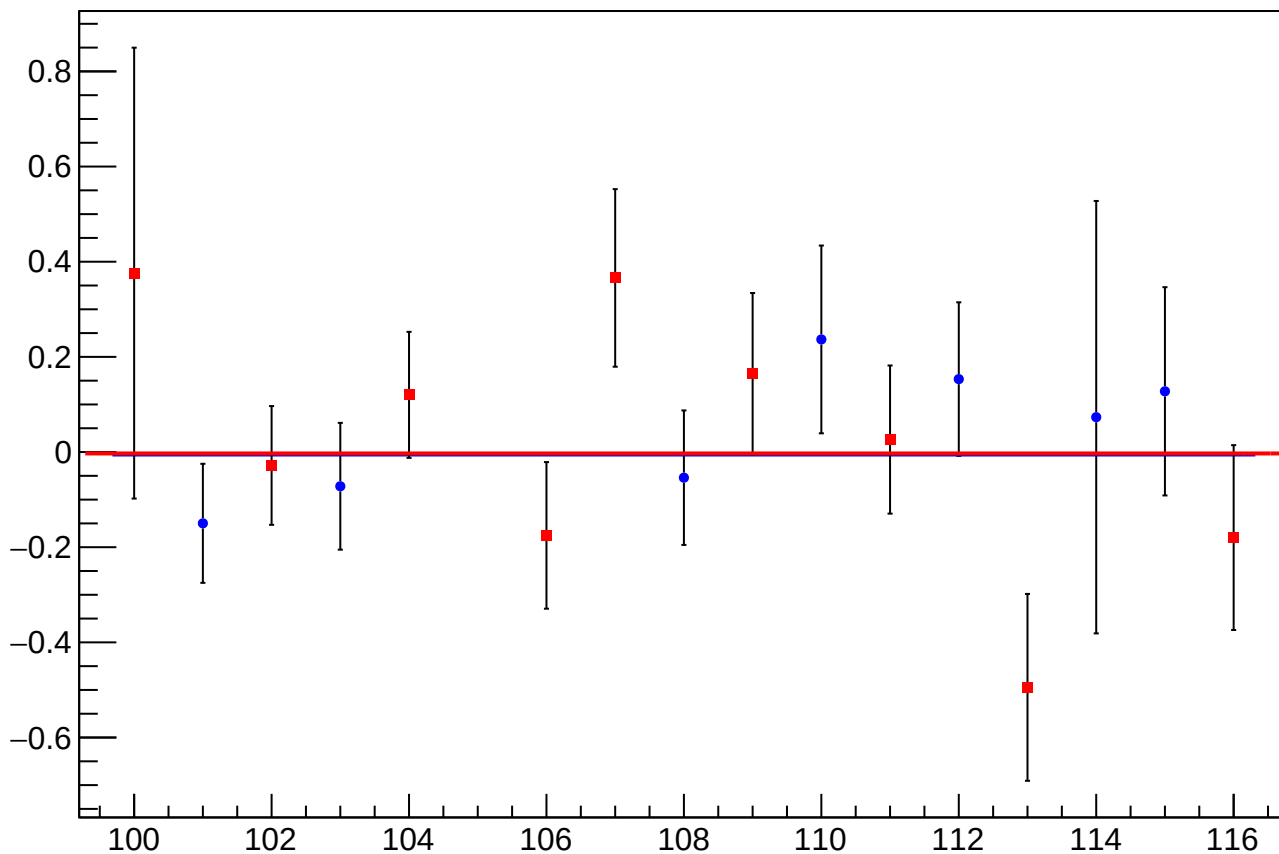
Right: 71.858 $\pm$ 0.021 χ^2 /NDF: 330155.6/15

In: 70.380 $\pm$ 0.031 χ^2 /NDF:166873.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.858 $\pm$ 0.021 χ^2 /NDF: 330155.6/15

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.062 χ^2 /NDF: 4.6/6

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

Right Out: -0.003 $\pm$ 0.055 χ^2 /NDF: 14.8/8

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

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

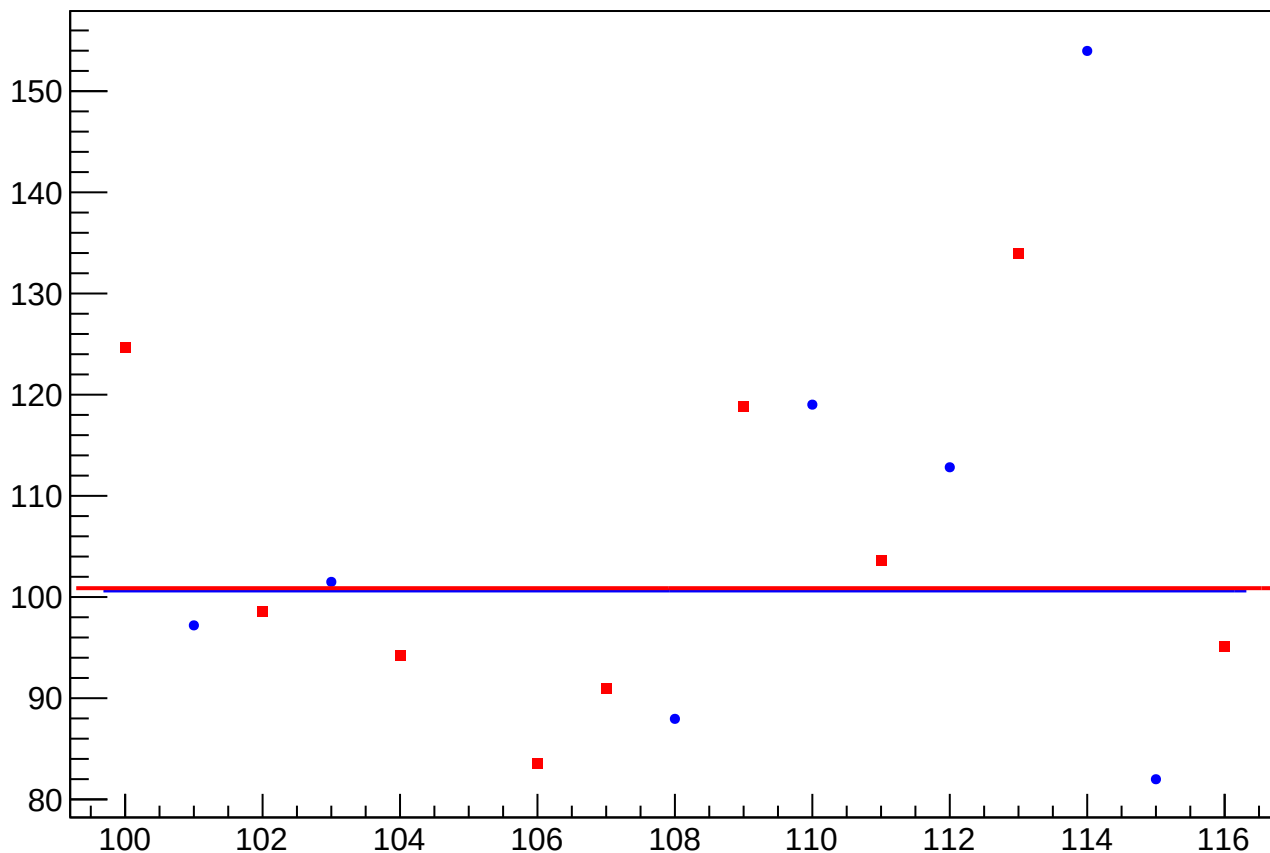
Right: -0.004 $\pm$ 0.041 χ^2 /NDF: 19.4/15

In: -0.005 $\pm$ 0.062 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.041 χ^2 /NDF: 19.4/15

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.649+/-0.044 χ^2/NDF : 88516.3/6

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

Right Out: 100.874+/-0.039 χ^2/NDF : 123524.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

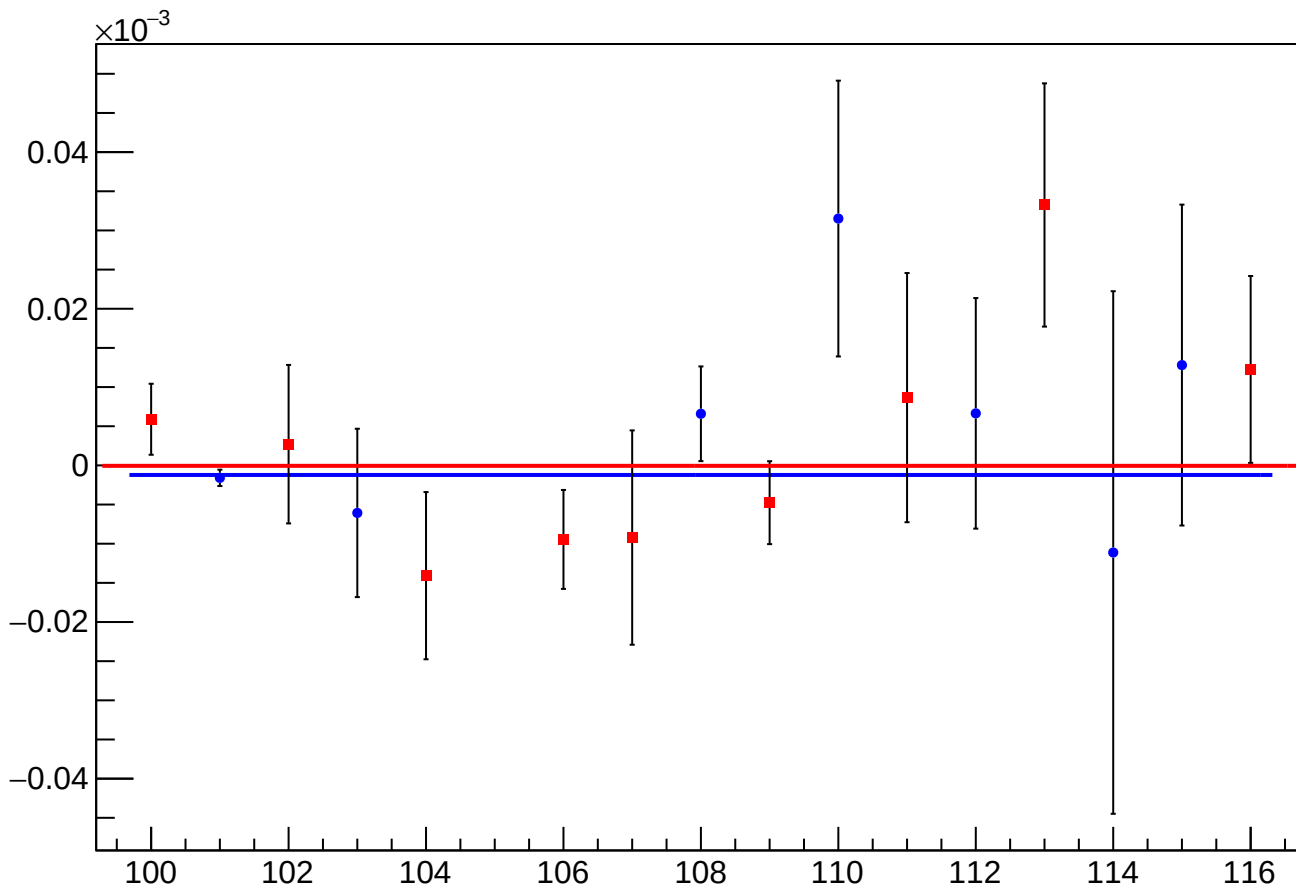
Right: 100.774+/-0.029 χ^2/NDF : 212055.7/15

In: 100.649+/-0.044 χ^2/NDF : 88516.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.774+/-0.029 χ^2/NDF : 212055.7/15

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

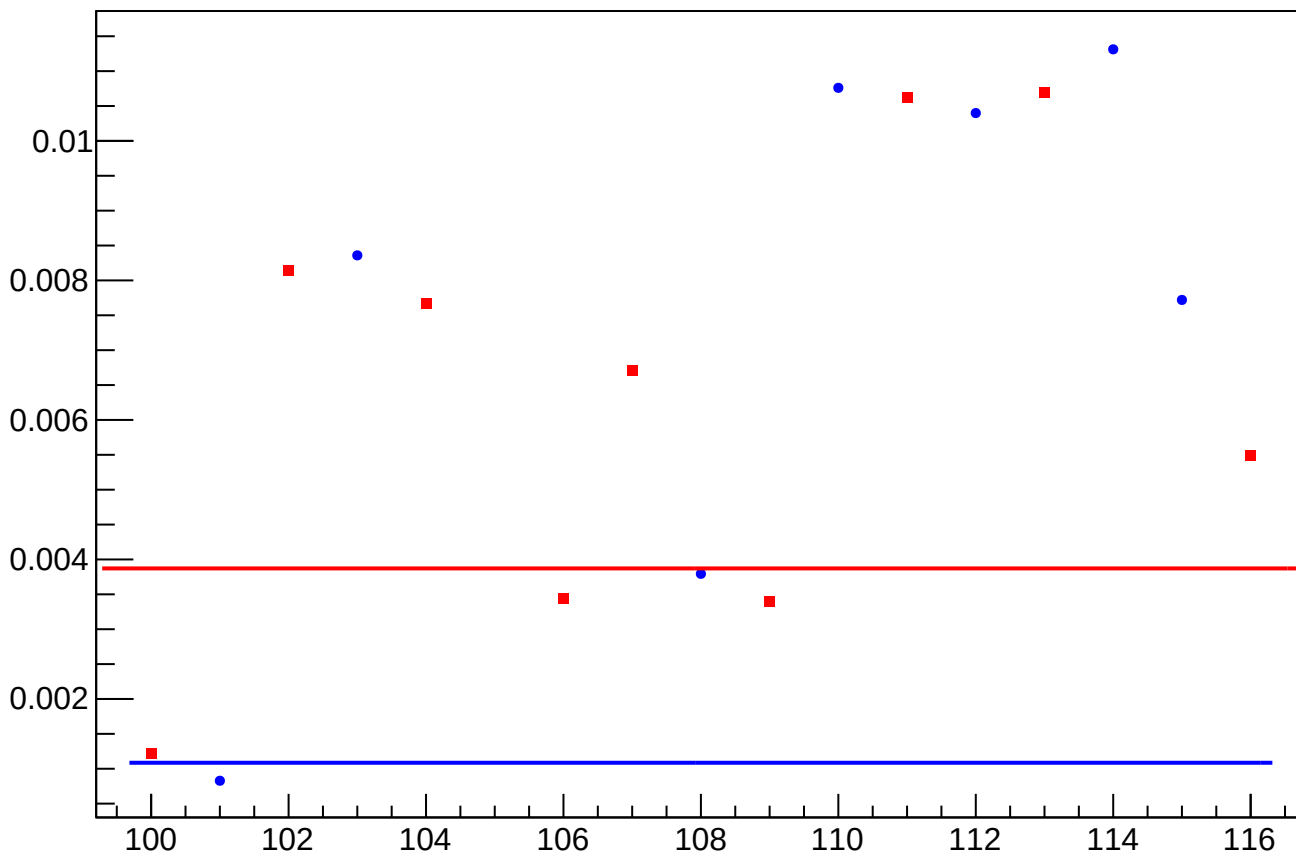
Right: -0.000+/-0.000 χ^2/NDF : 19.4/15

In: -0.000+/-0.000 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/15

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3240982.4/6

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2189365.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

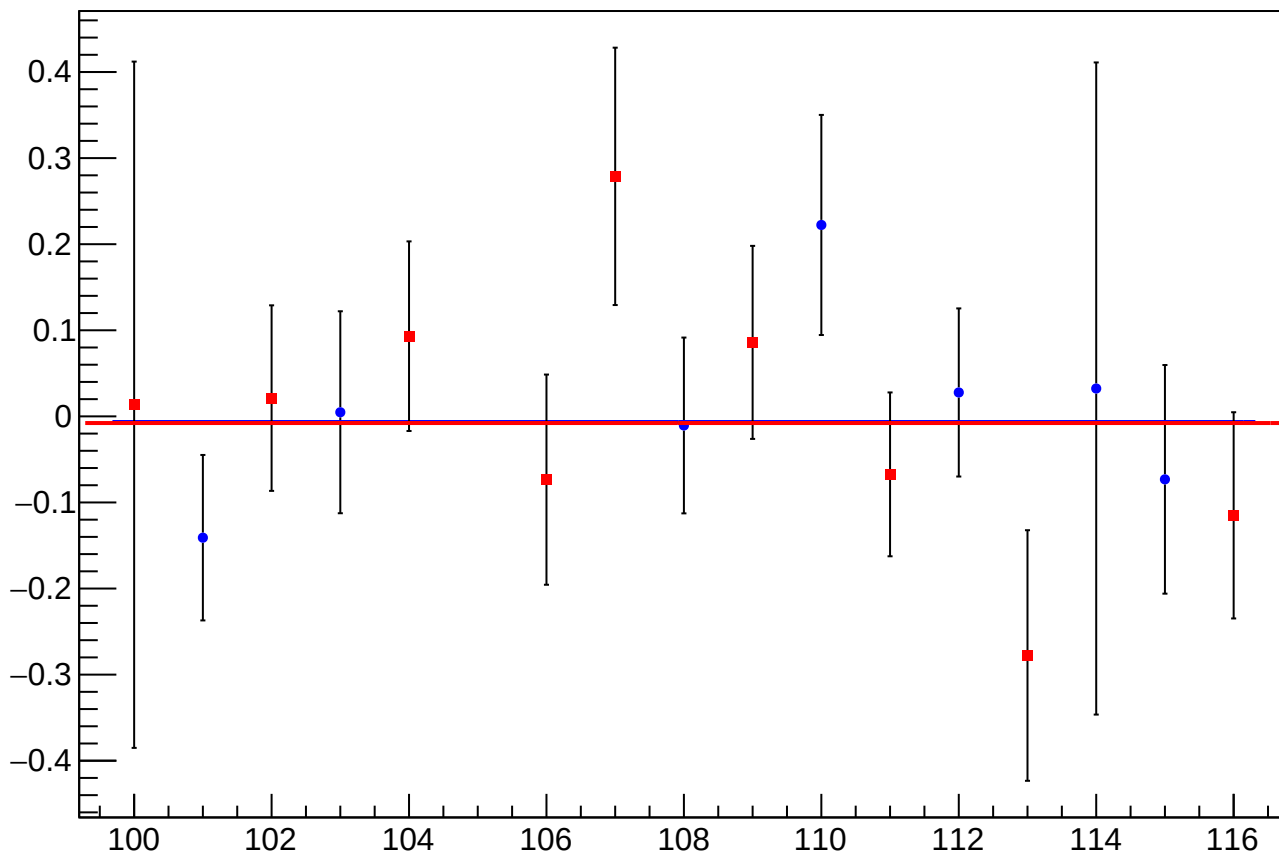
Right: 0.001+/-0.000 χ^2/NDF : 7426260.9/15

In: 0.001+/-0.000 χ^2/NDF : 3240982.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7426260.9/15

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.044 χ^2/NDF : 5.6/6

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

Right Out: -0.008 ± 0.041 χ^2/NDF : 10.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

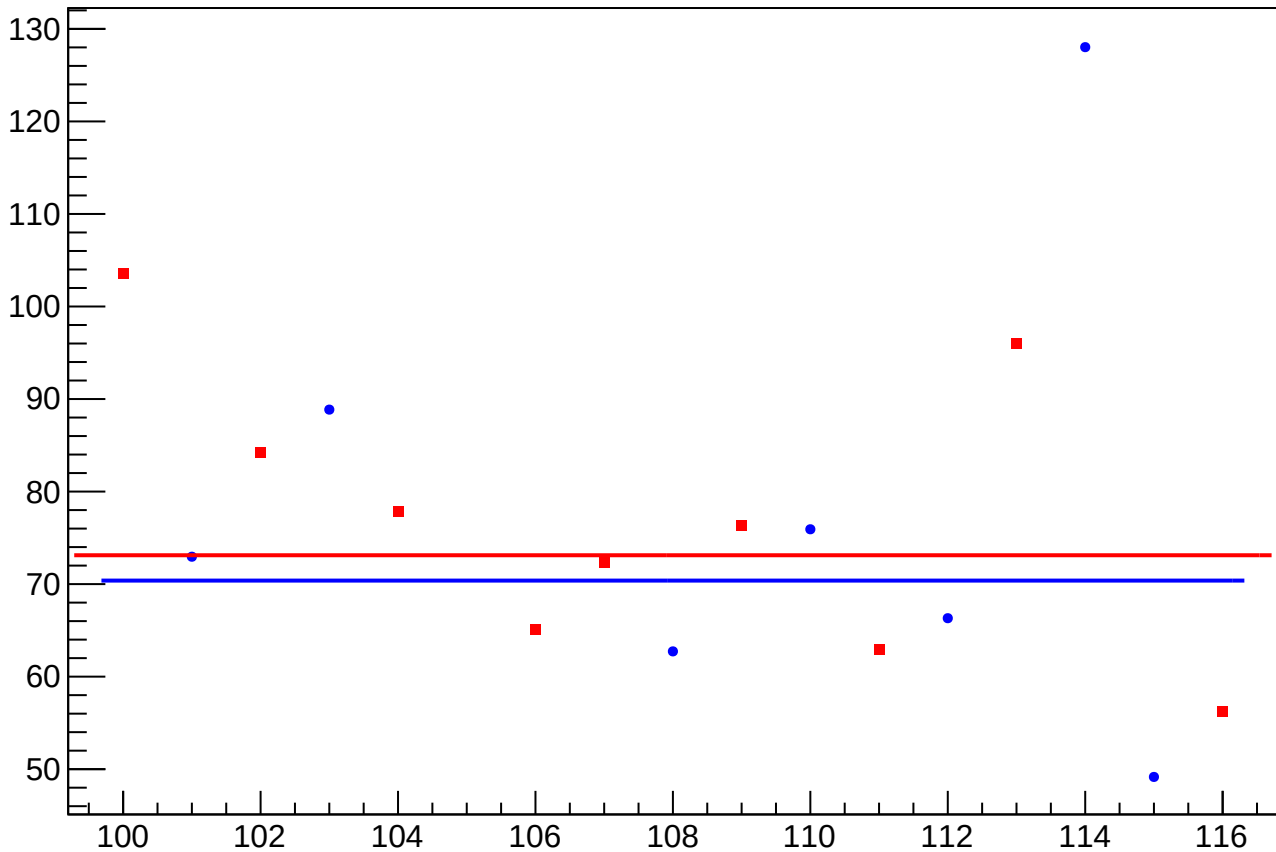
Right: -0.007 ± 0.030 χ^2/NDF : 15.8/15

In: -0.007 ± 0.044 χ^2/NDF : 5.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.030 χ^2/NDF : 15.8/15

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.380+/-0.031 χ^2/NDF : 166896.6/6

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

Right Out: 73.119+/-0.029 χ^2/NDF : 159178.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

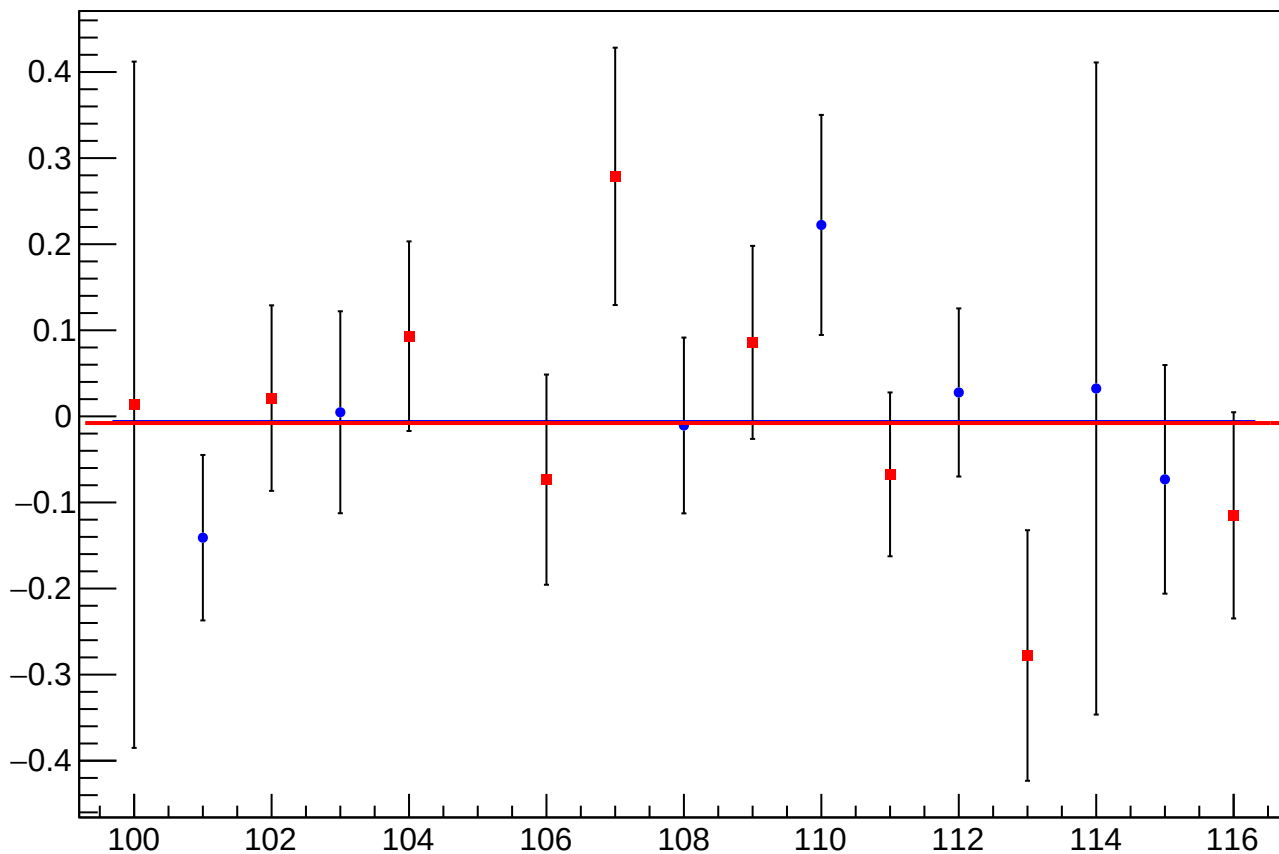
Right: 71.858+/-0.021 χ^2/NDF : 330175.4/15

In: 70.380+/-0.031 χ^2/NDF : 166896.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.858+/-0.021 χ^2/NDF : 330175.4/15

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.044 χ^2/NDF : 5.6/6

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

Right Out: -0.008 ± 0.041 χ^2/NDF : 10.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

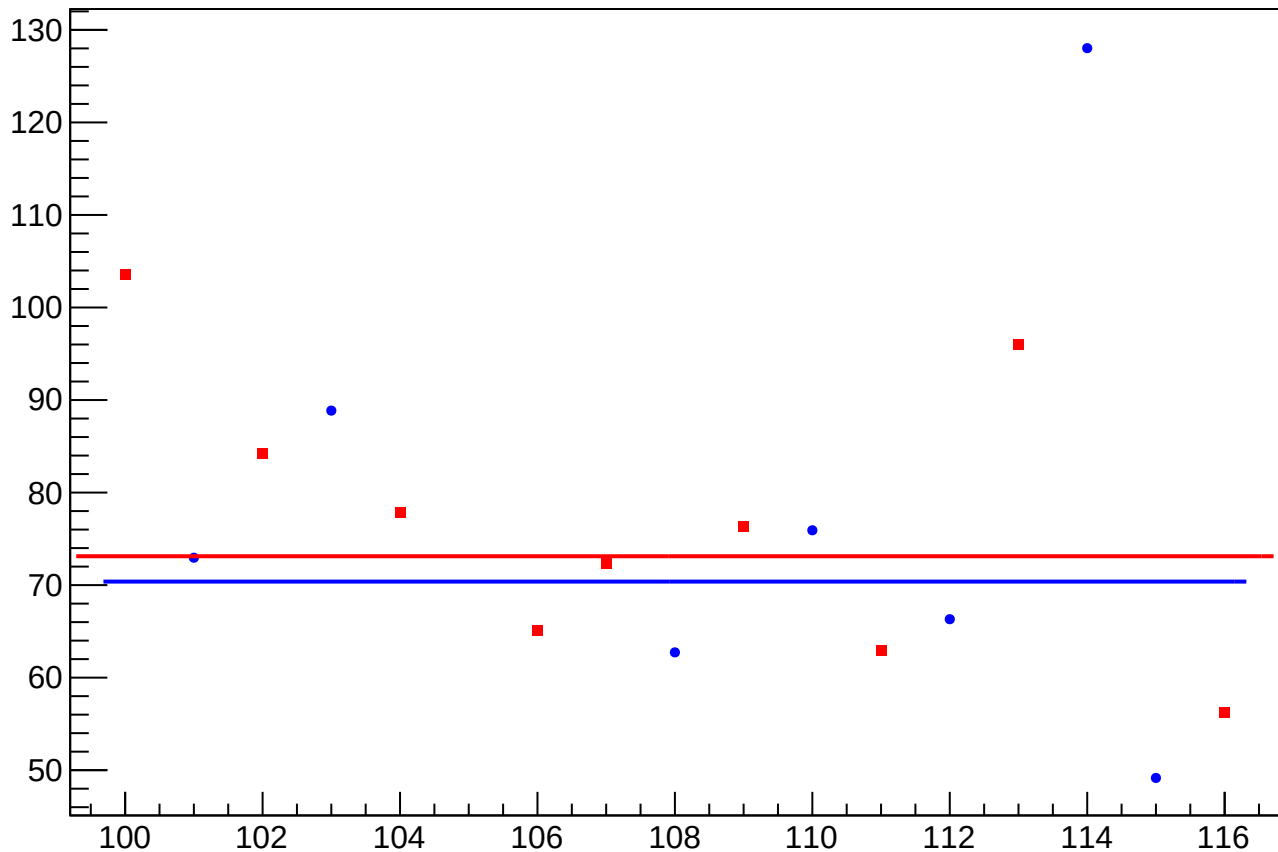
Right: -0.007 ± 0.030 χ^2/NDF : 15.8/15

In: -0.007 ± 0.044 χ^2/NDF : 5.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.030 χ^2/NDF : 15.8/15

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.380+/-0.031 χ^2/NDF : 166896.6/6

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

Right Out: 73.119+/-0.029 χ^2/NDF : 159178.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

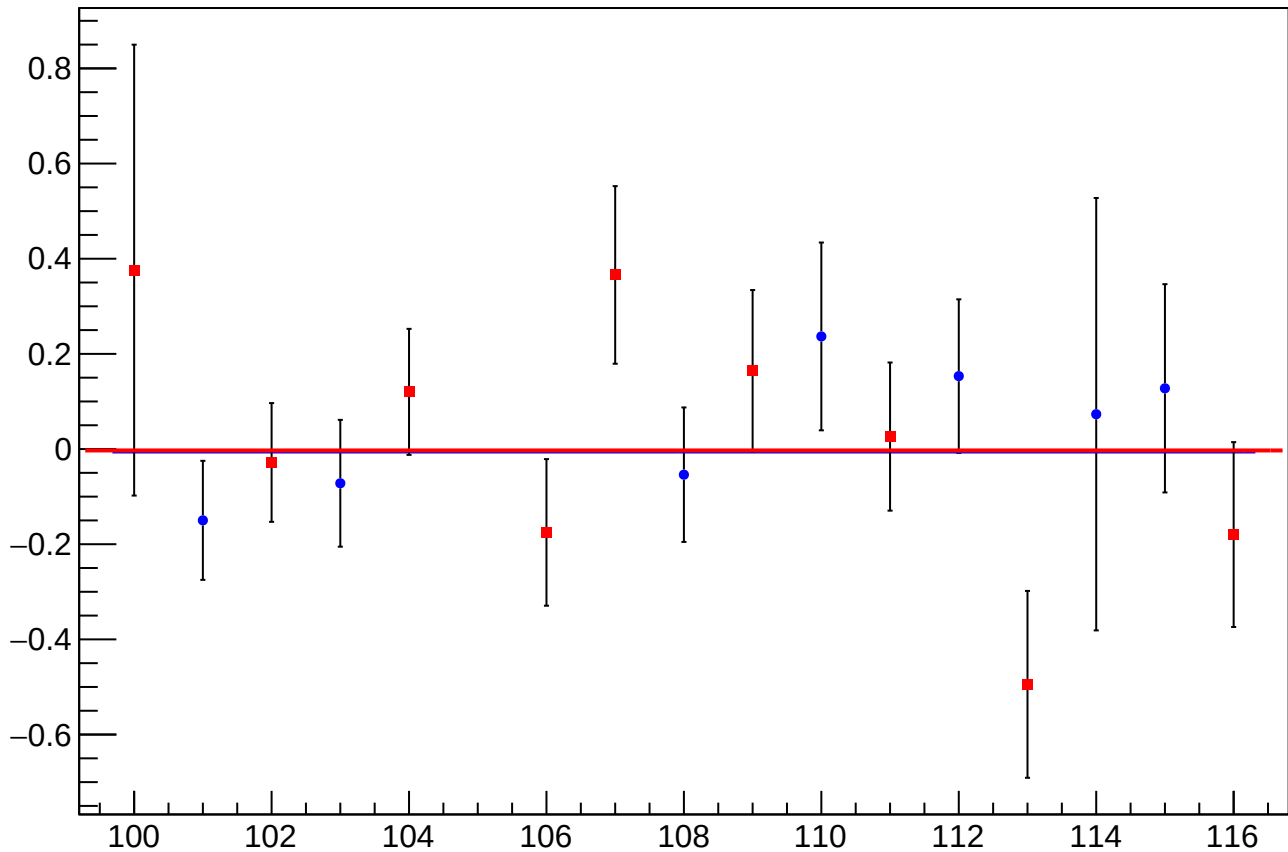
Right: 71.858+/-0.021 χ^2/NDF : 330175.4/15

In: 70.380+/-0.031 χ^2/NDF : 166896.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.858+/-0.021 χ^2/NDF : 330175.4/15

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.062 χ^2/NDF : 4.6/6

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

Right Out: -0.003 ± 0.055 χ^2/NDF : 14.8/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

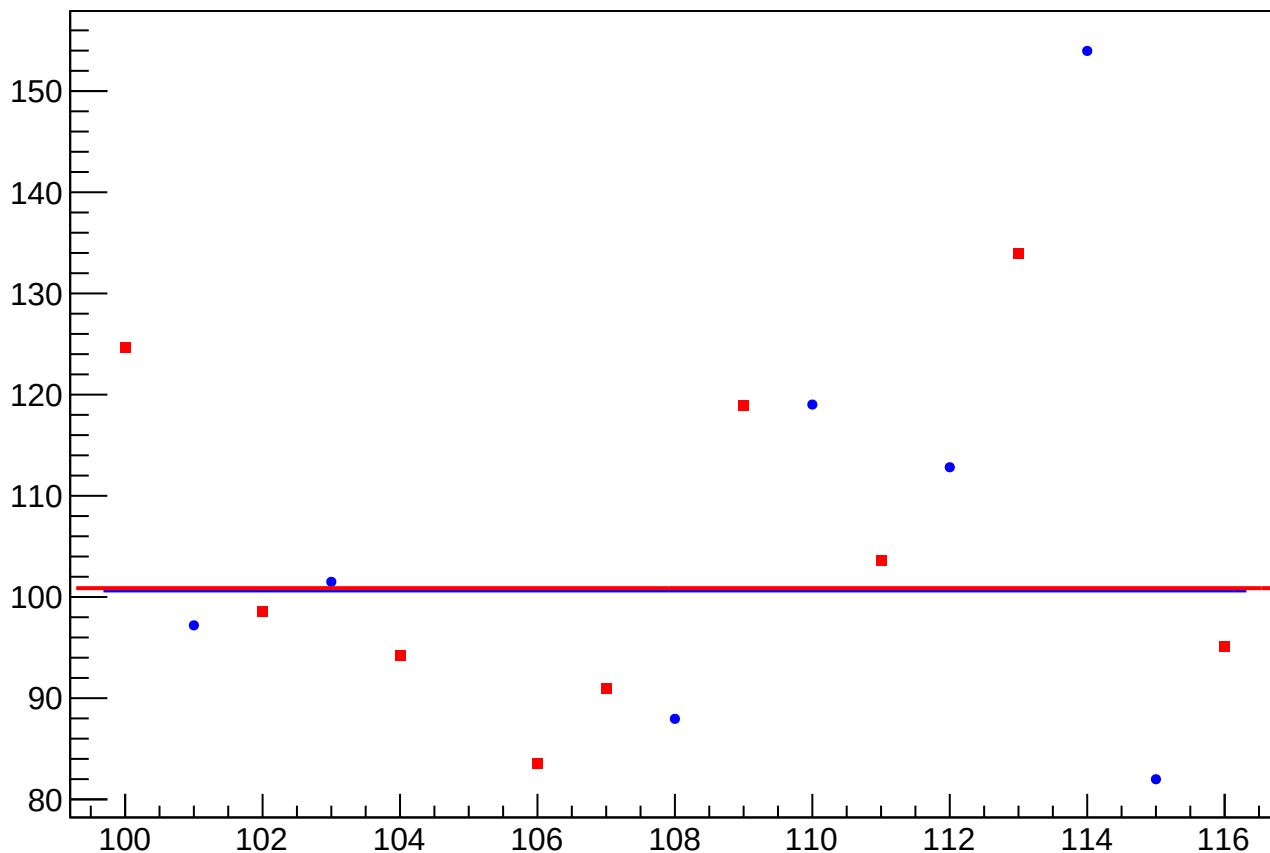
Right: -0.004 ± 0.041 χ^2/NDF : 19.4/15

In: -0.005 ± 0.062 χ^2/NDF : 4.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.041 χ^2/NDF : 19.4/15

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.649+/-0.044 χ^2/NDF : 88515.0/6

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

Right Out: 100.874+/-0.039 χ^2/NDF : 123511.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

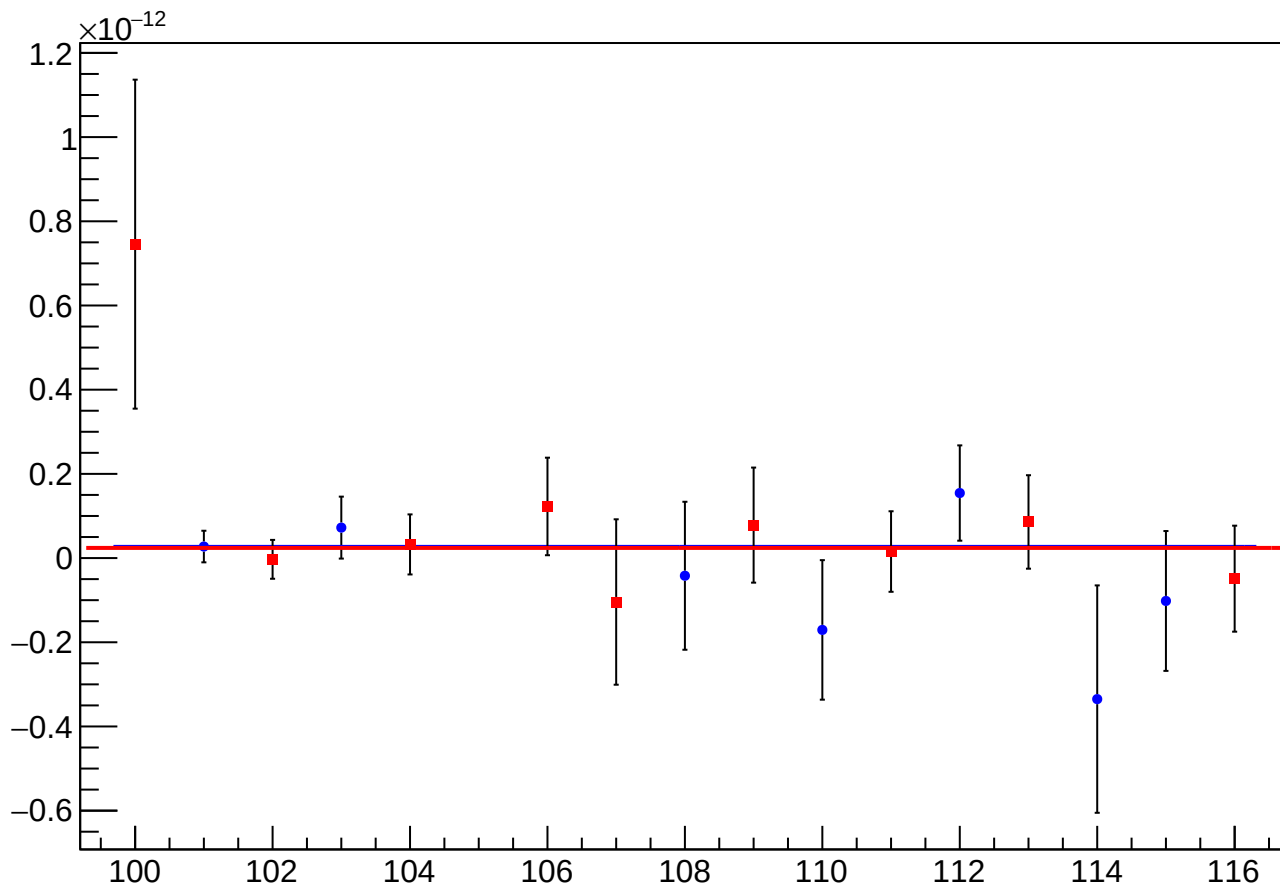
Right: 100.774+/-0.029 χ^2/NDF : 212040.8/15

In: 100.649+/-0.044 χ^2/NDF : 88515.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.774+/-0.029 χ^2/NDF : 212040.8/15

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

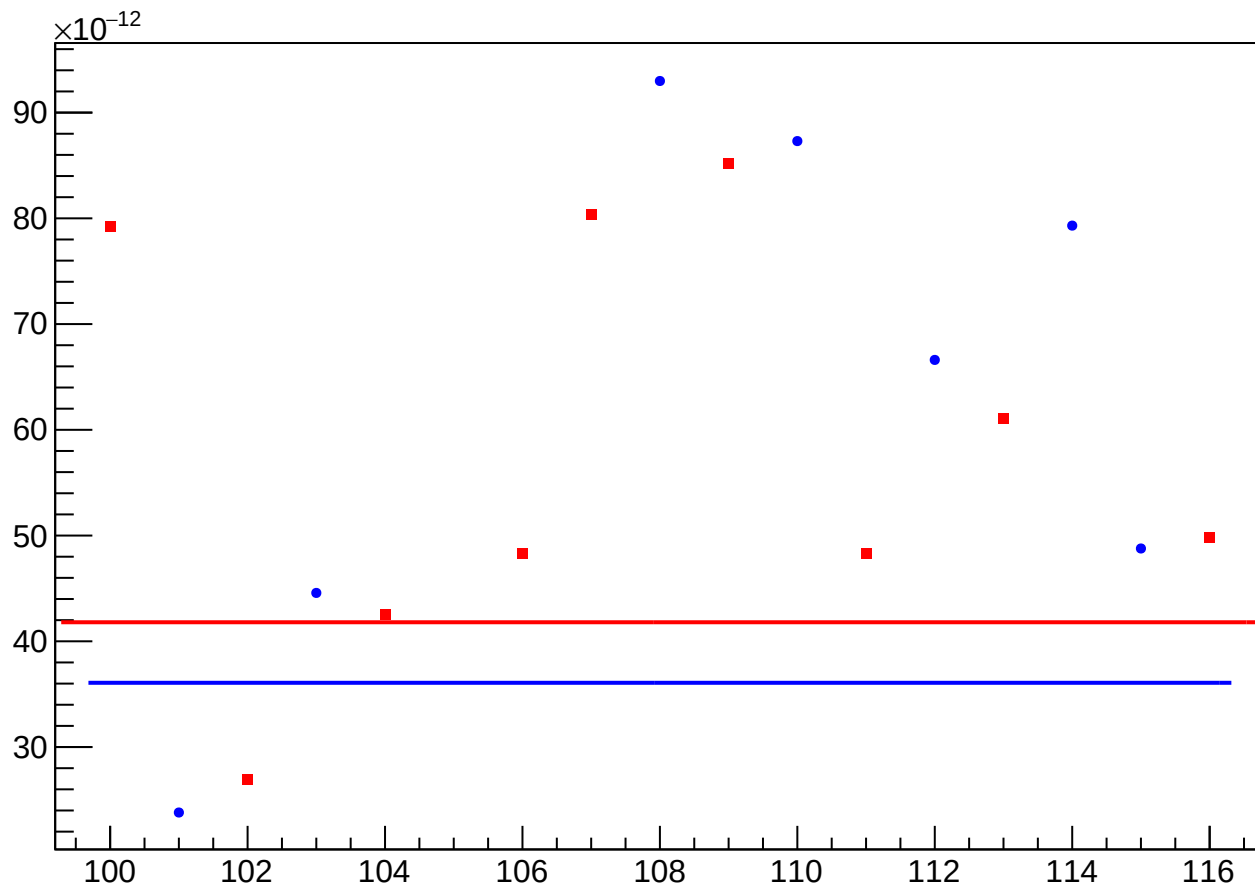
Right: 0.000+/-0.000 χ^2/NDF : 11.4/15

In: 0.000+/-0.000 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.4/15

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 849812.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 588139.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

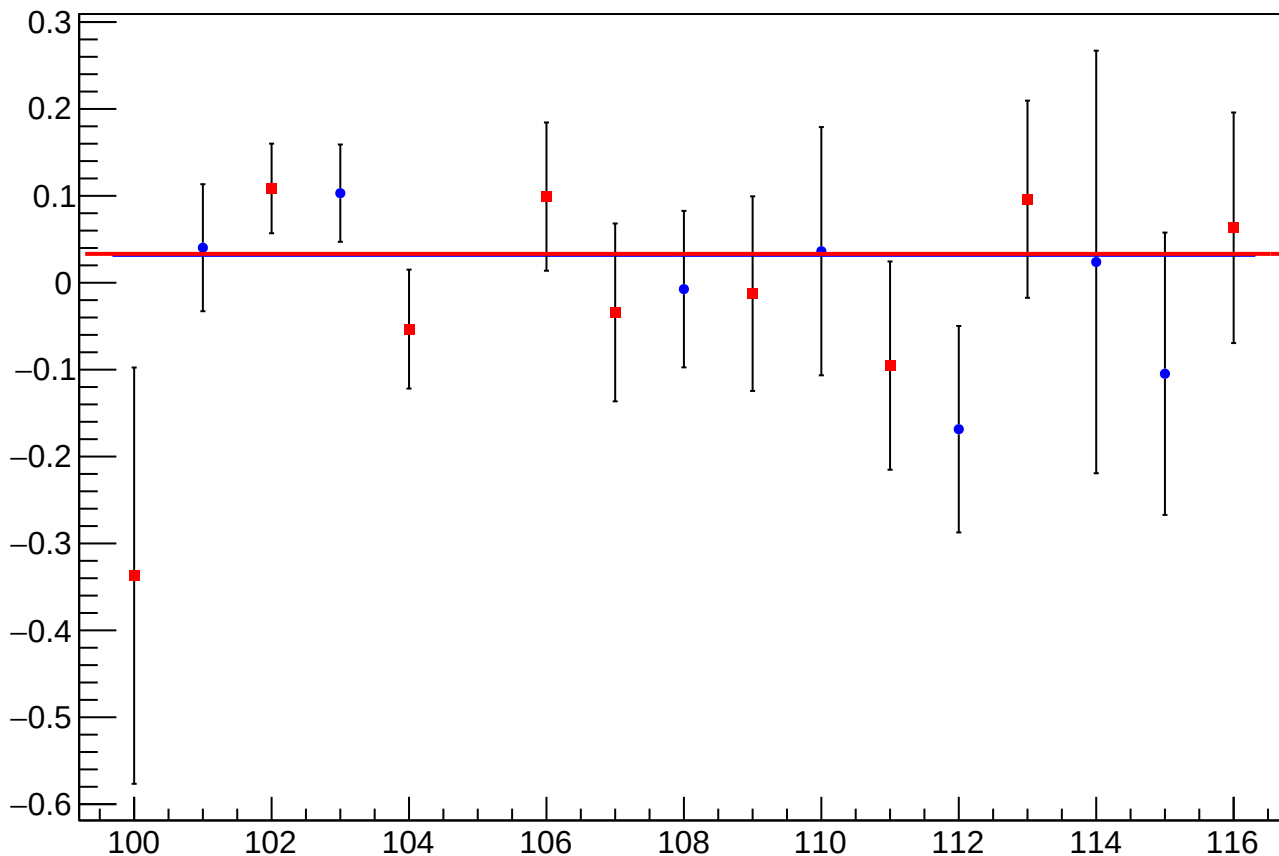
Right: 0.000+/-0.000 χ^2/NDF : 1473529.8/15

In: 0.000+/-0.000 χ^2/NDF : 849812.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1473529.8/15

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.035 χ^2 /NDF: 5.4/6

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

Right Out: 0.033 $\pm$ 0.030 χ^2 /NDF: 8.8/8

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

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

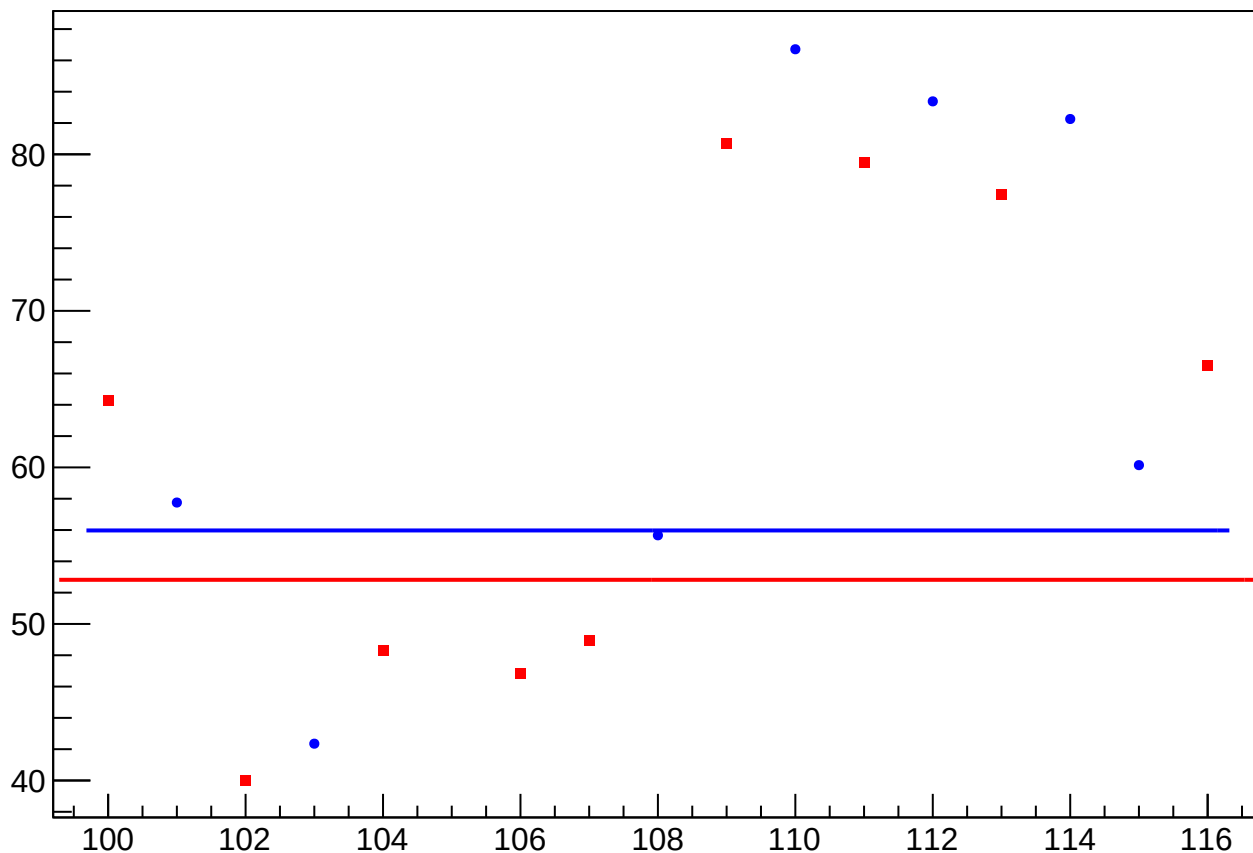
Right: 0.033 $\pm$ 0.023 χ^2 /NDF: 14.2/15

In: 0.032 $\pm$ 0.035 χ^2 /NDF:5.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.023 χ^2 /NDF: 14.2/15

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.973+/-0.025 χ^2/NDF : 343423.2/6

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

Right Out: 52.820+/-0.021 χ^2/NDF : 487620.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

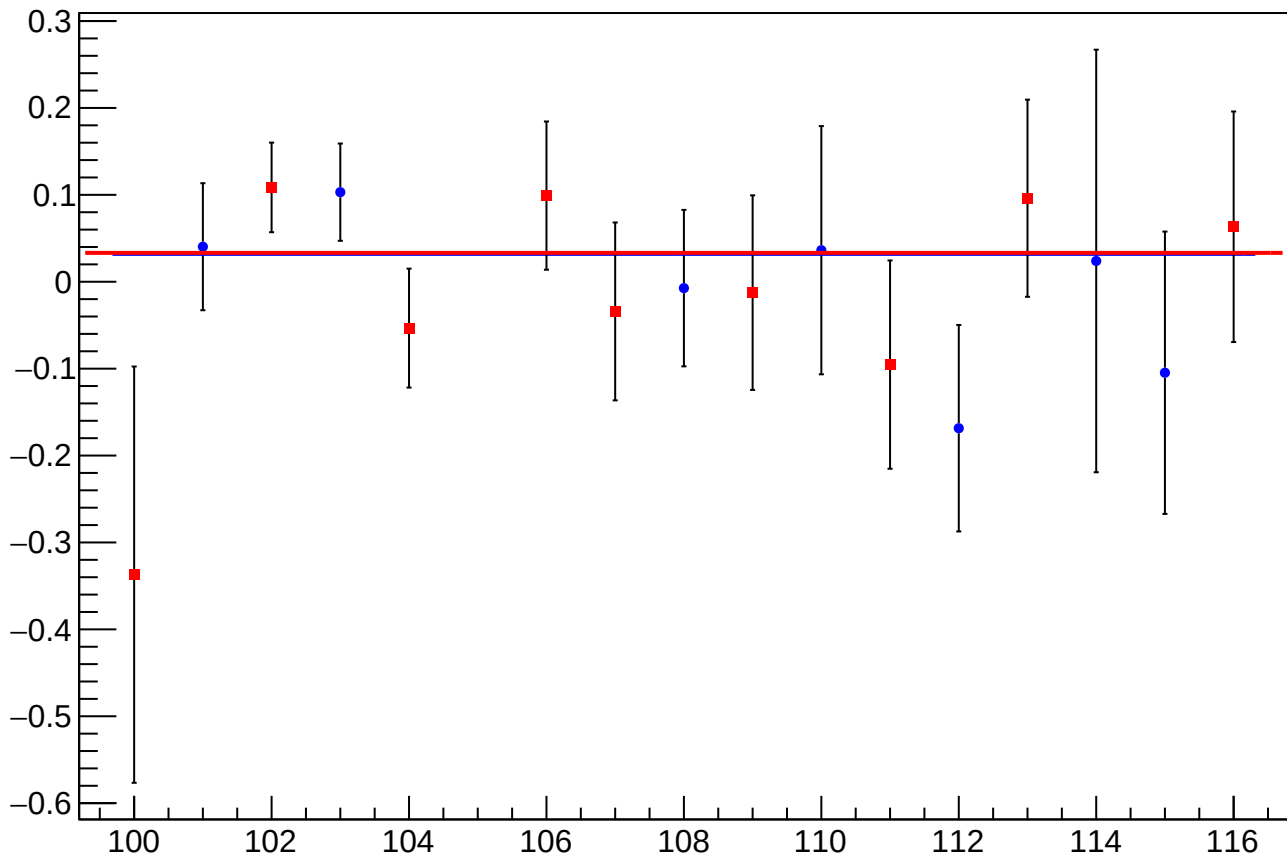
Right: 54.135+/-0.016 χ^2/NDF : 840367.5/15

In: 55.973+/-0.025 χ^2/NDF : 343423.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.135+/-0.016 χ^2/NDF : 840367.5/15

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.035 χ^2 /NDF: 5.4/6

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

Right Out: 0.033 $\pm$ 0.030 χ^2 /NDF: 8.8/8

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

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

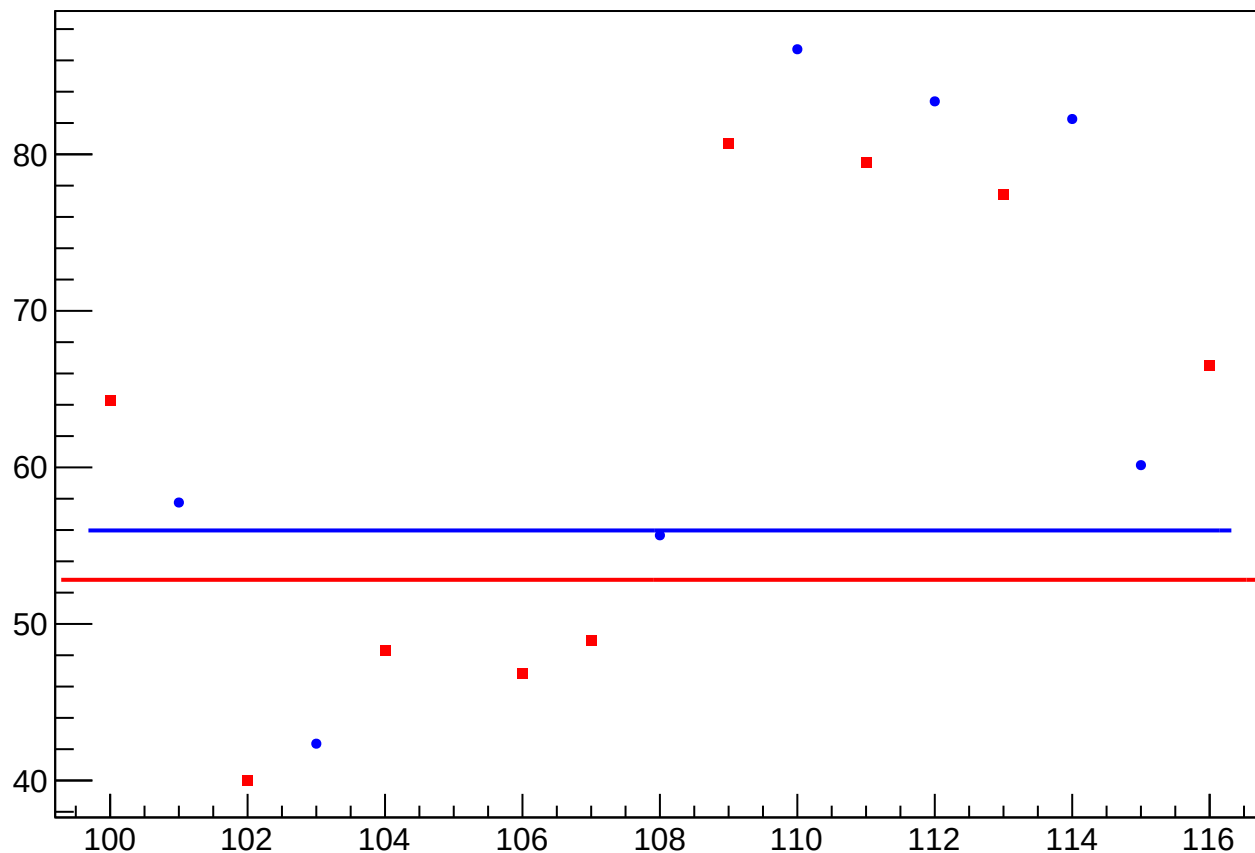
Right: 0.033 $\pm$ 0.023 χ^2 /NDF: 14.2/15

In: 0.032 $\pm$ 0.035 χ^2 /NDF: 5.4/6

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

All: 0.033 $\pm$ 0.023 χ^2 /NDF: 14.2/15

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.973+/-0.025 χ^2/NDF : 343423.2/6

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

Right Out: 52.820+/-0.021 χ^2/NDF : 487620.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

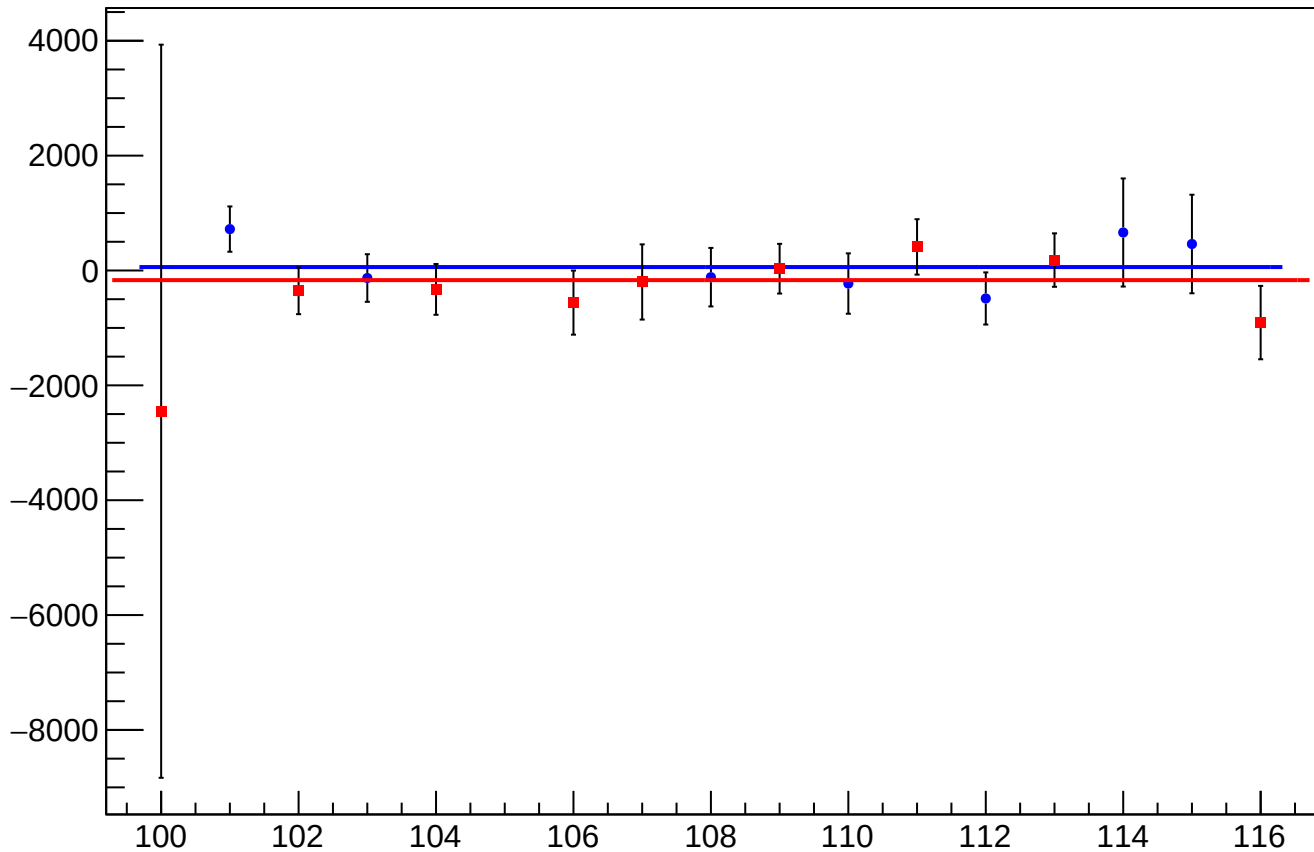
Right: 54.135+/-0.016 χ^2/NDF : 840367.5/15

In: 55.973+/-0.025 χ^2/NDF : 343423.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.135+/-0.016 χ^2/NDF : 840367.5/15

asym_dsl_mean vs Slug, Sign Corrected



Right In: 59.666+/-192.245 χ^2/NDF : 5.5/6

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

Right Out: -167.822+/-172.905 χ^2/NDF : 4.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

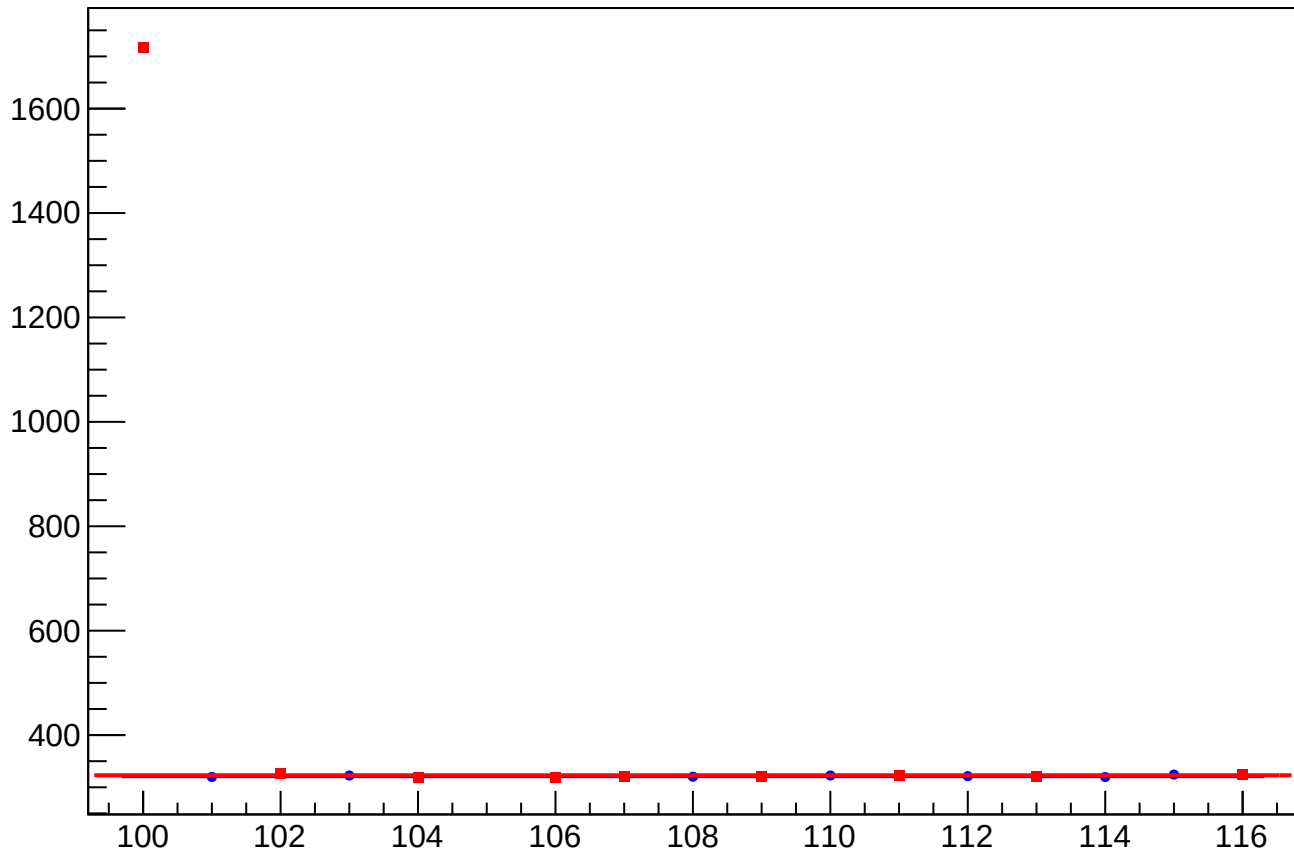
Right: -66.093+/-128.558 χ^2/NDF : 10.8/15

In: 59.666+/-192.245 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.093+/-128.558 χ^2/NDF : 10.8/15

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.318 $\pm$ 0.136 χ^2 /NDF: 96.7/6

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

Right Out: 323.014 $\pm$ 0.122 χ^2 /NDF: 96203.0/8

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

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

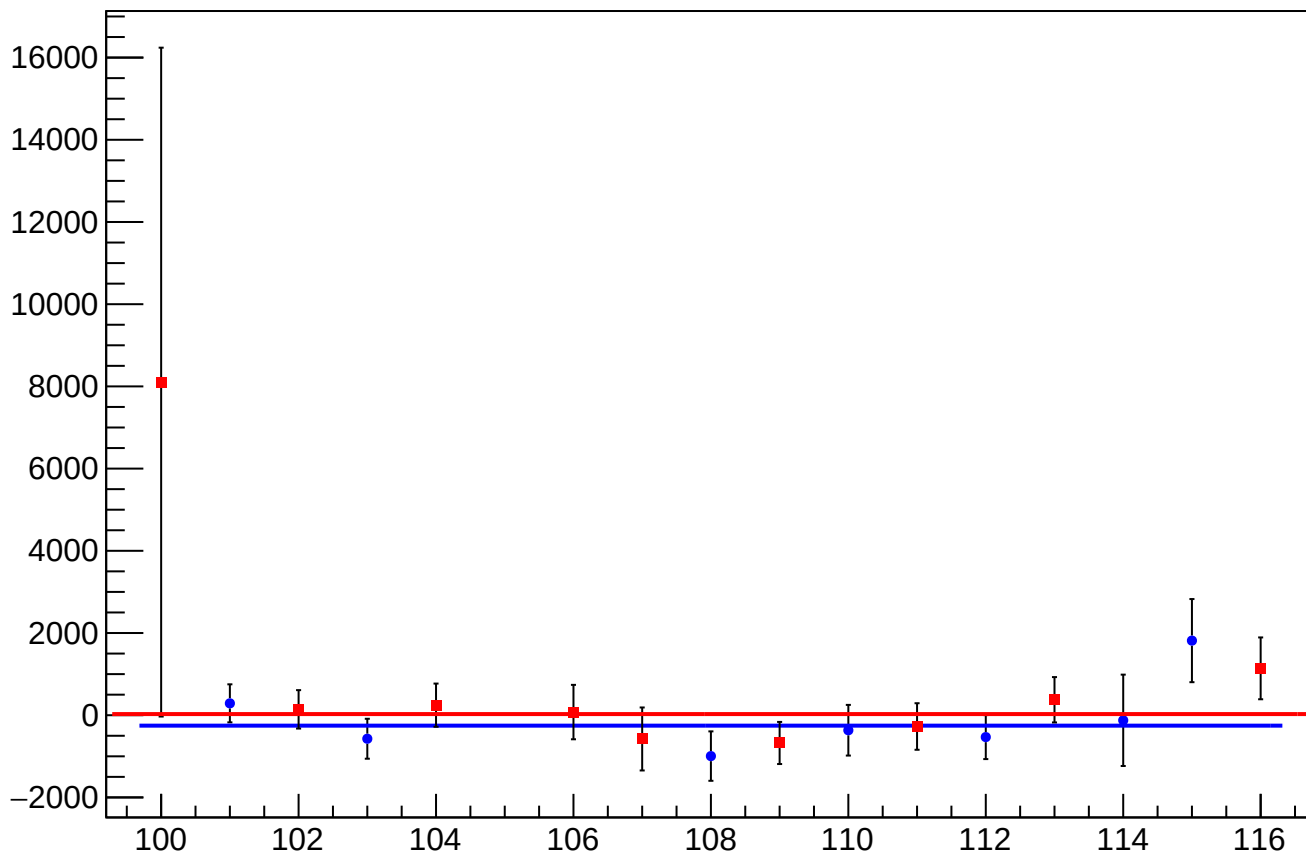
Right: 322.256 $\pm$ 0.091 χ^2 /NDF: 96385.8/15

In: 321.318 $\pm$ 0.136 χ^2 /NDF: 96.7/6

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

All: 322.256 $\pm$ 0.091 χ^2 /NDF: 96385.8/15

asym_dsr_mean vs Slug, Sign Corrected



Right In: -253.723+/-225.985 χ^2/NDF : 7.8/6

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

Right Out: 27.852+/-203.349 χ^2/NDF : 6.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

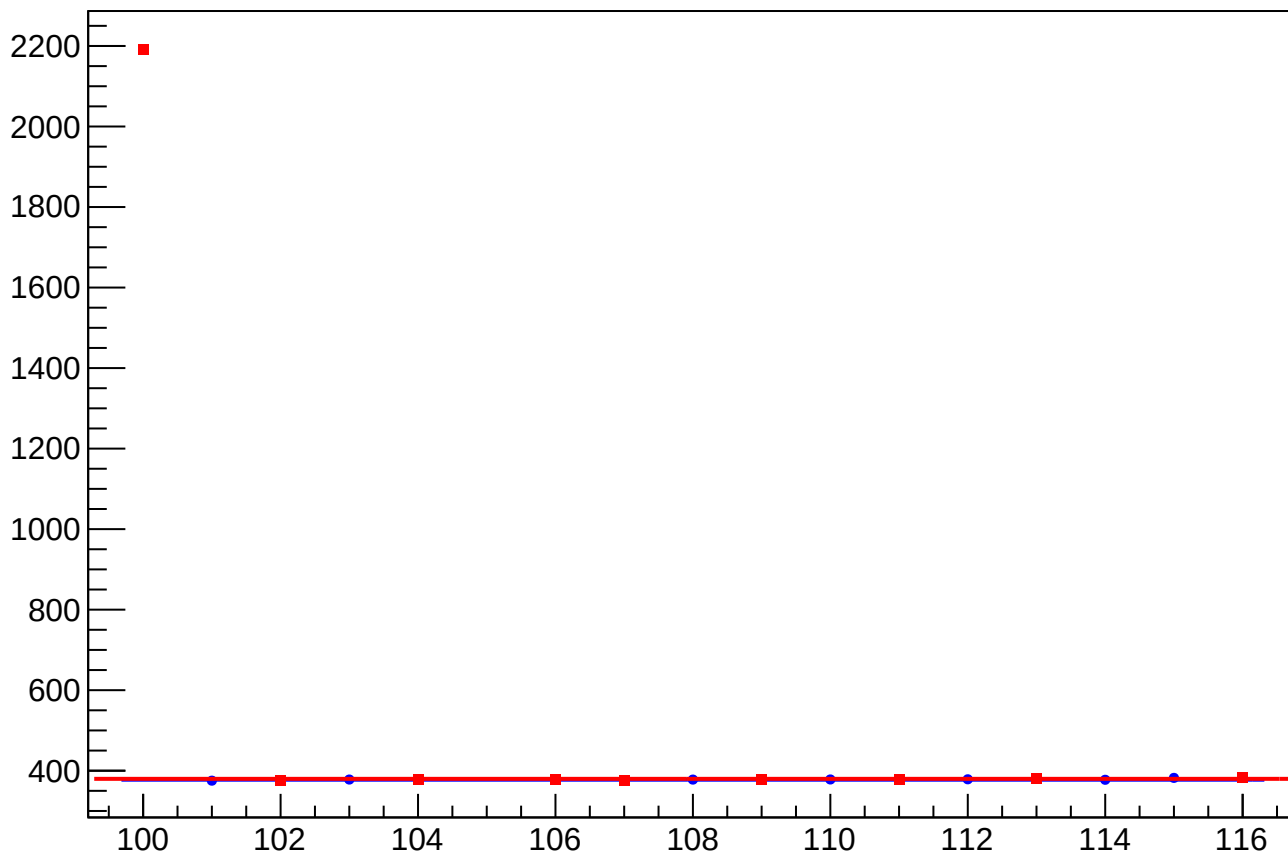
Right: -98.131+/-151.161 χ^2/NDF : 15.3/15

In: -253.723+/-225.985 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.131+/-151.161 χ^2/NDF : 15.3/15

asym_dsr_rms vs Slug, Sign Corrected



Right In: 377.688+/-0.160 χ^2/NDF : 104.3/6

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

Right Out: 379.794+/-0.144 χ^2/NDF : 99194.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

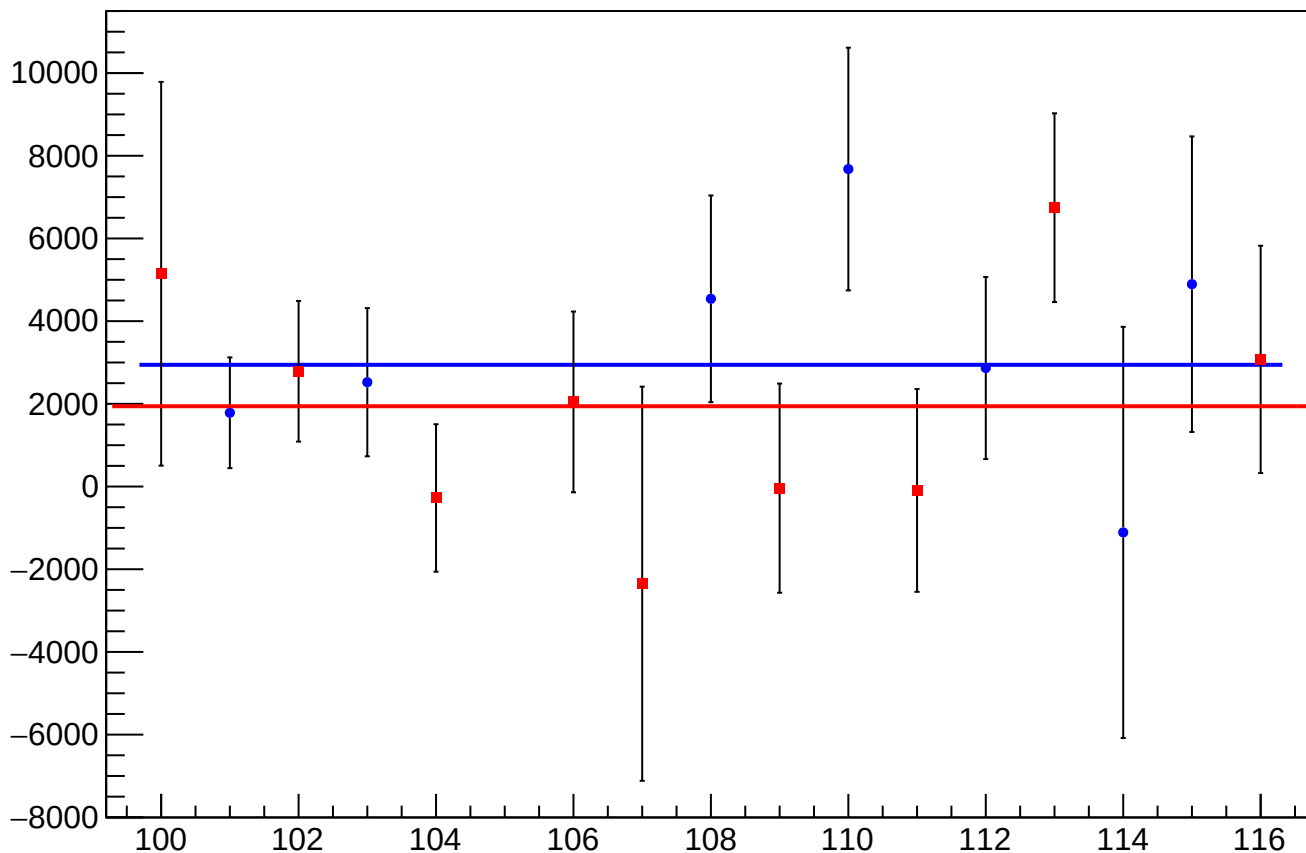
Right: 378.852+/-0.107 χ^2/NDF : 99394.3/15

In: 377.688+/-0.160 χ^2/NDF : 104.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.852+/-0.107 χ^2/NDF : 99394.3/15

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2944.115+/-824.845 χ^2/NDF : 4.8/6

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

Right Out: 1942.130+/-788.986 χ^2/NDF : 9.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

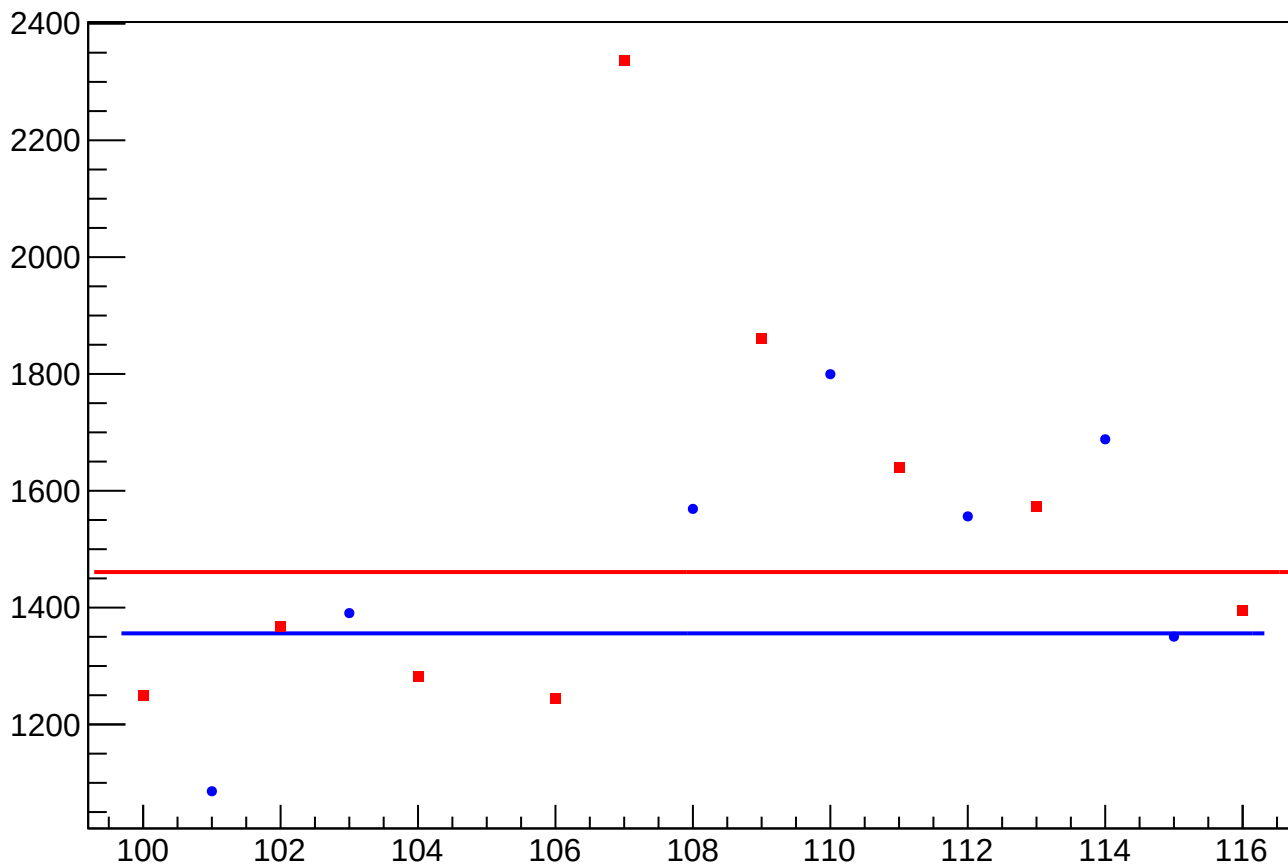
Right: 2420.869+/-570.153 χ^2/NDF : 14.5/15

In: 2944.115+/-824.845 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2420.869+/-570.153 χ^2/NDF : 14.5/15

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1355.907+/-0.583 χ^2/NDF : 167905.8/6

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

Right Out: 1460.867+/-0.558 χ^2/NDF : 183857.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

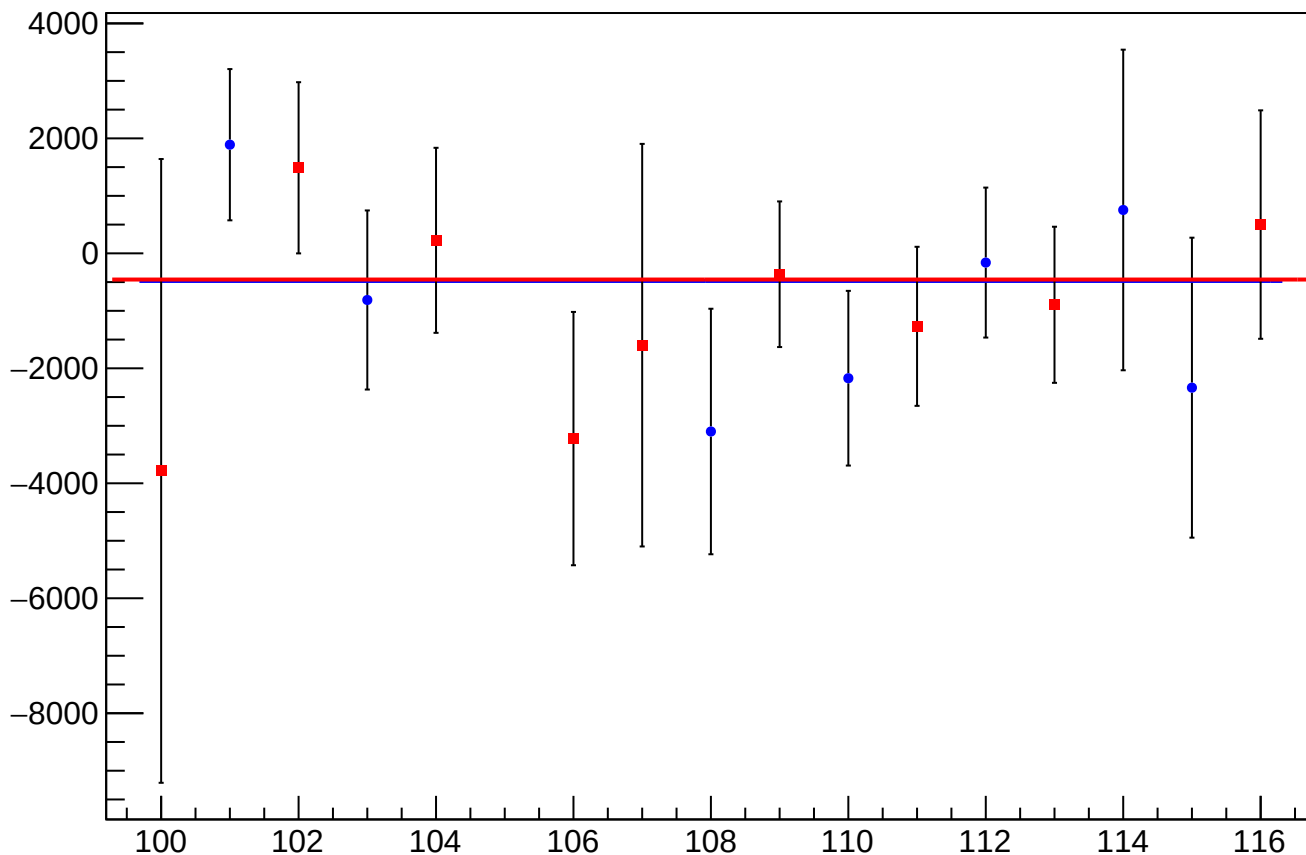
Right: 1410.718+/-0.403 χ^2/NDF : 368674.4/15

In: 1355.907+/-0.583 χ^2/NDF : 167905.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.718+/-0.403 χ^2/NDF : 368674.4/15

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -480.332+/-631.761 χ^2 /NDF: 6.8/6

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

Right Out: -455.561+/-567.949 χ^2 /NDF: 4.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

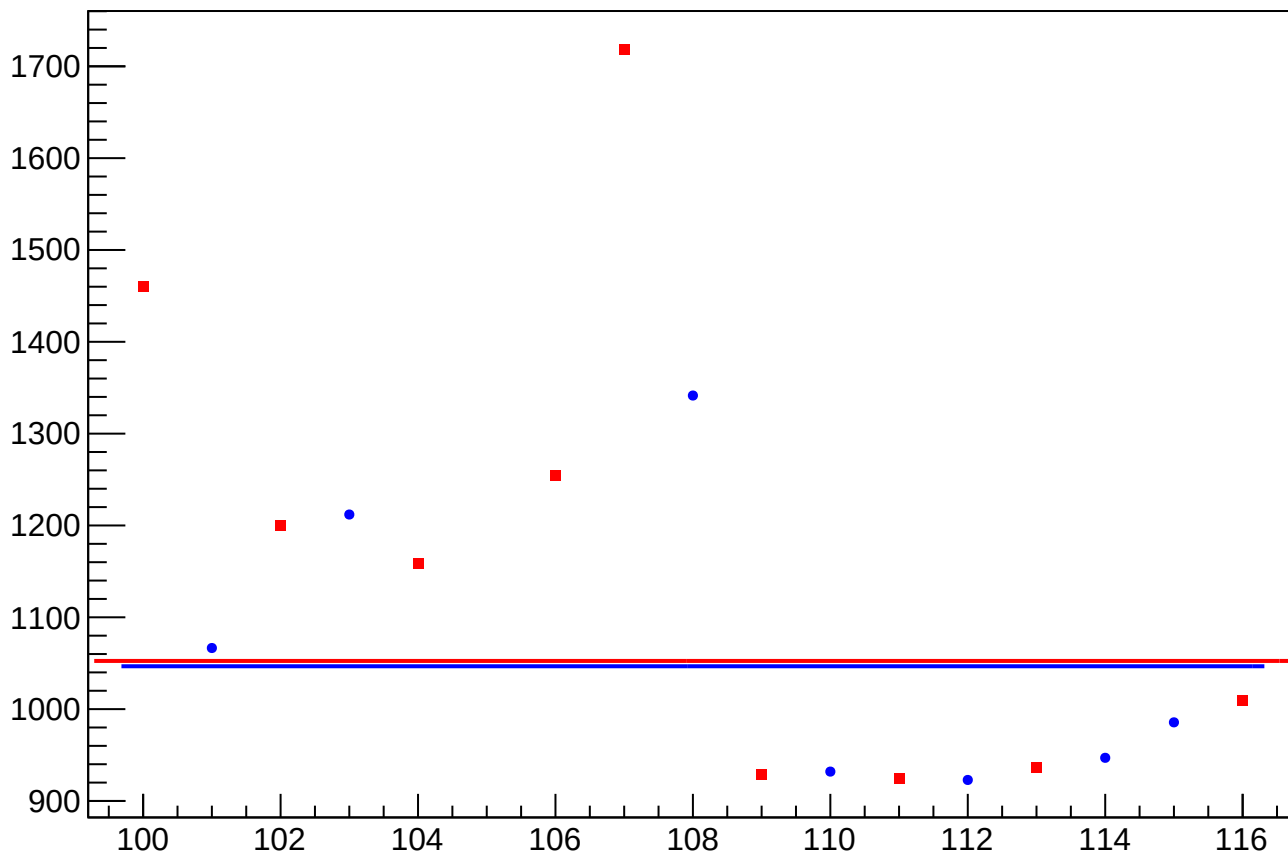
Right: -466.633+/-422.365 χ^2 /NDF: 11.4/15

In: -480.332+/-631.761 χ^2 /NDF:6.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -466.633+/-422.365 χ^2 /NDF: 11.4/15

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1046.680+/-0.447 χ^2/NDF : 94150.1/6

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

Right Out: 1052.483+/-0.402 χ^2/NDF : 180167.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

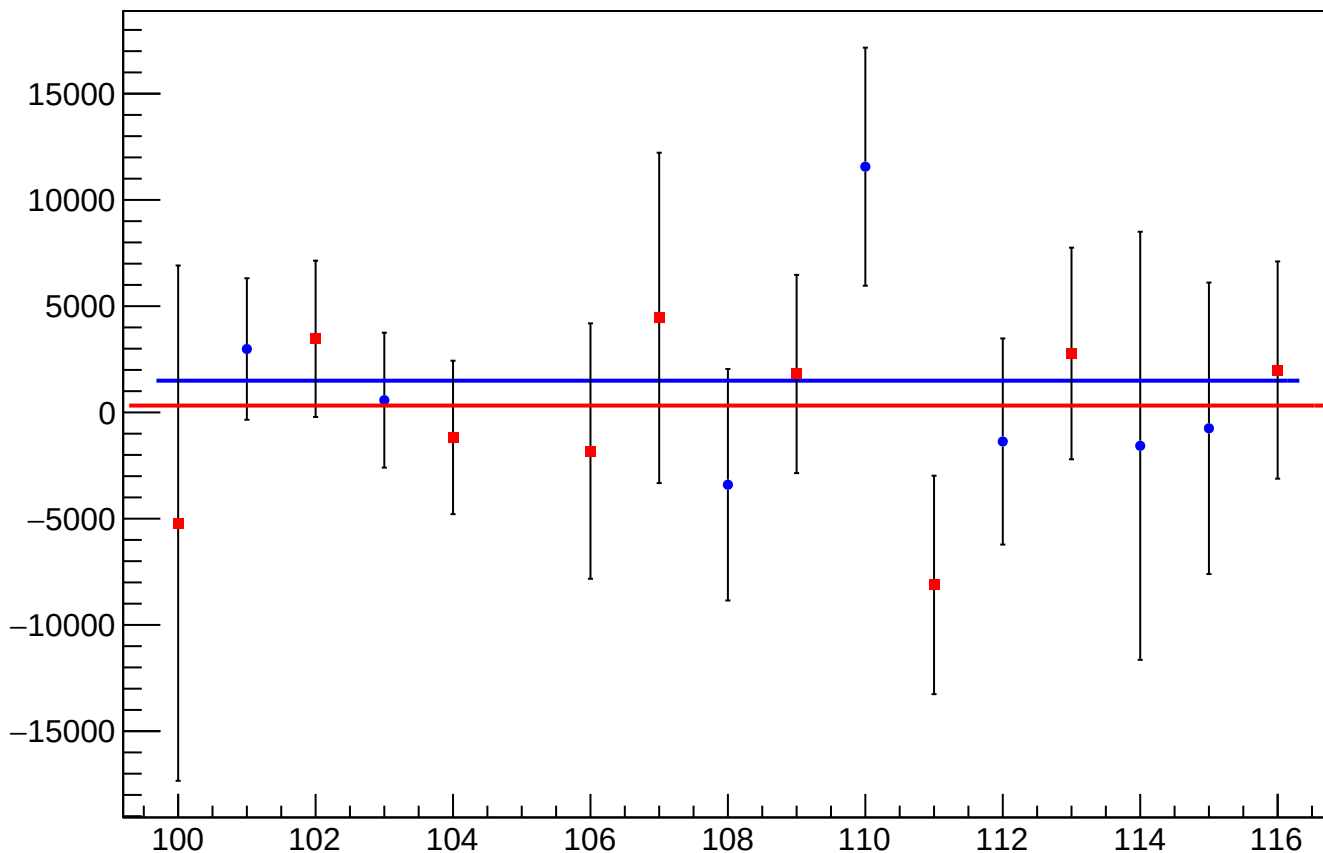
Right: 1049.889+/-0.299 χ^2/NDF : 274410.7/15

In: 1046.680+/-0.447 χ^2/NDF : 94150.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1049.889+/-0.299 χ^2/NDF : 274410.7/15

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1493.707 $\pm$ 1744.447 χ^2 /NDF: 4.9/6

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

Right Out: 323.134 $\pm$ 1657.270 χ^2 /NDF: 4.7/8

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

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

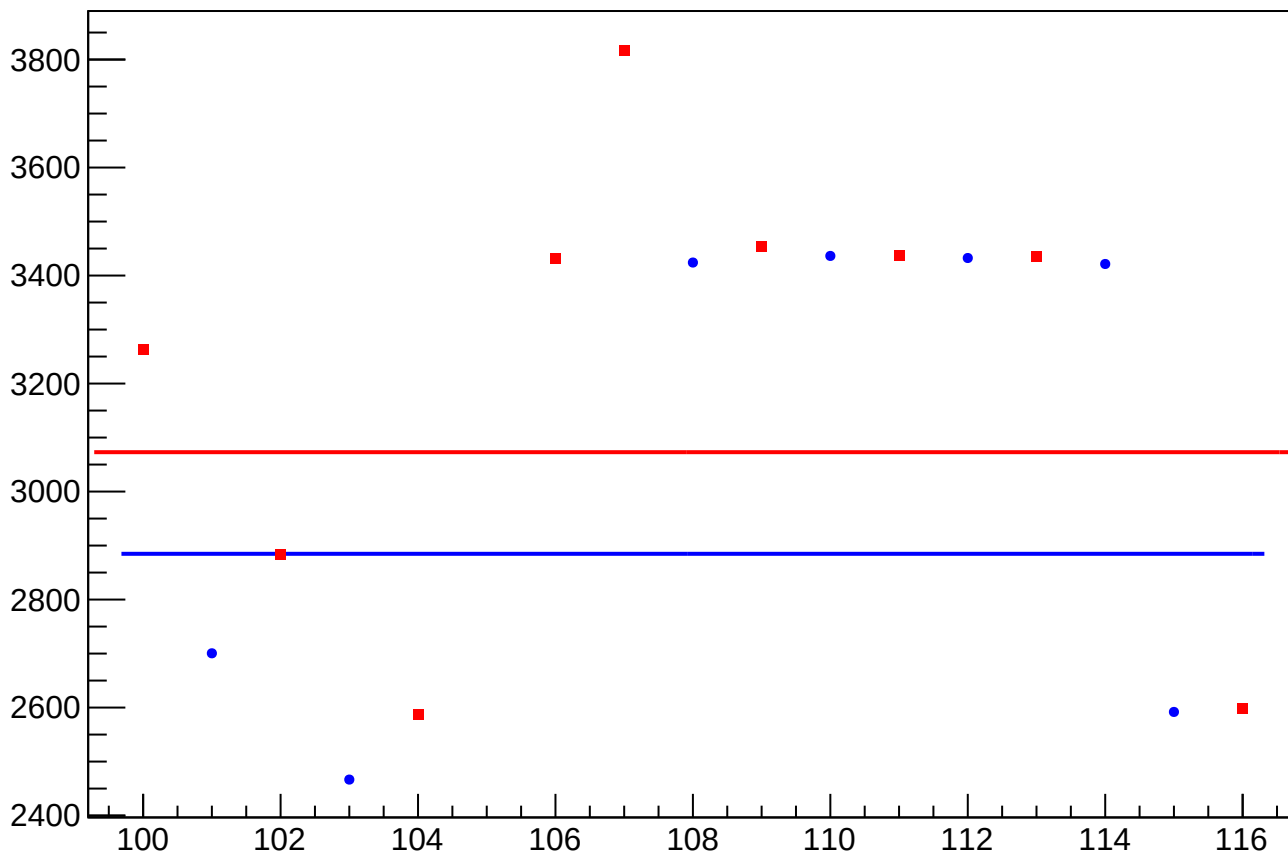
Right: 878.442 $\pm$ 1201.504 χ^2 /NDF: 9.8/15

In: 1493.707 $\pm$ 1744.447 χ^2 /NDF: 4.9/6

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

All: 878.442 $\pm$ 1201.504 χ^2 /NDF: 9.8/15

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2884.737 $\pm$ 1.234 χ^2 /NDF: 114655.9/6

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

Right Out: 3072.919 $\pm$ 1.172 χ^2 /NDF: 118475.6/8

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

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

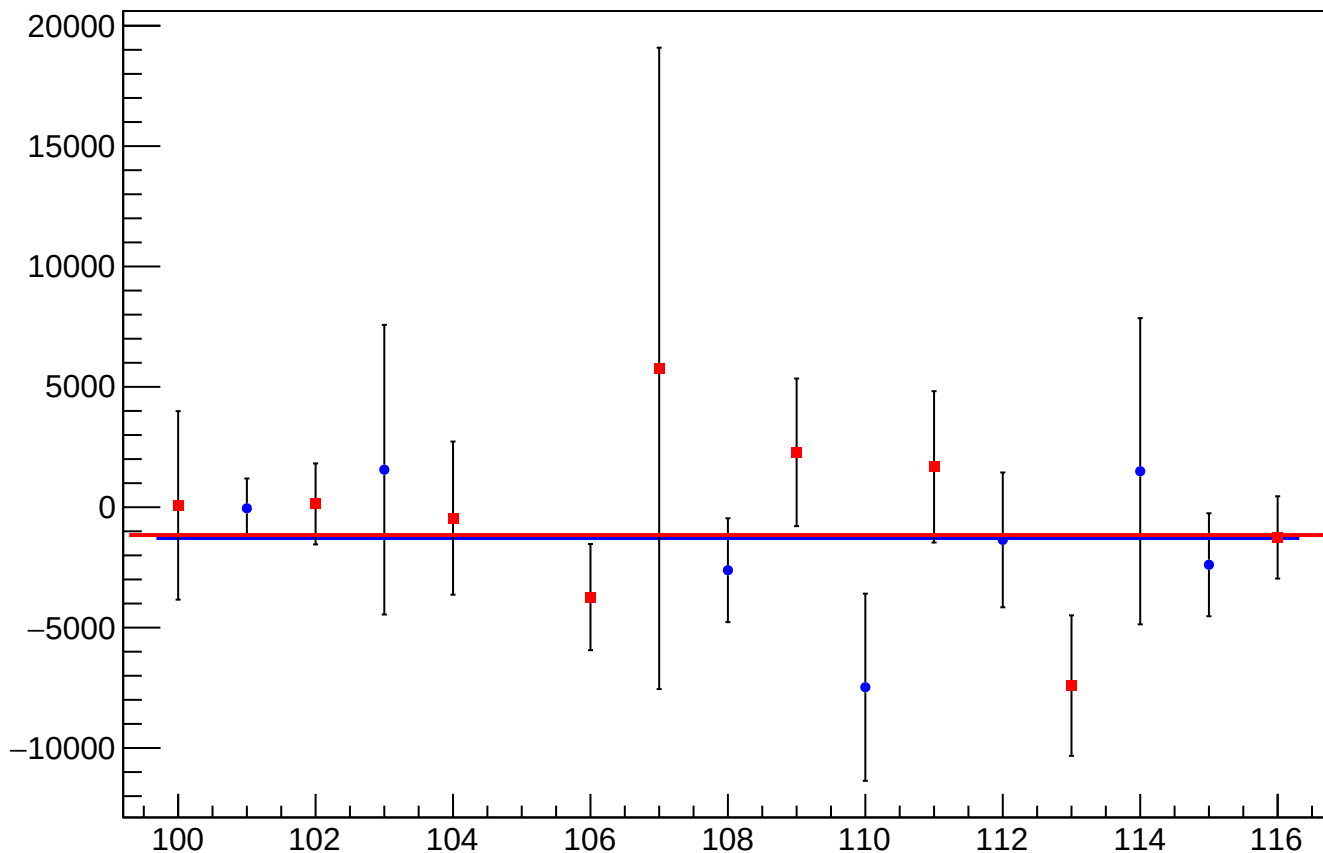
Right: 2983.648 $\pm$ 0.850 χ^2 /NDF: 245364.5/15

In: 2884.737 $\pm$ 1.234 χ^2 /NDF:114655.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2983.648 $\pm$ 0.850 χ^2 /NDF: 245364.5/15

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -1276.055+/-866.242 χ^2/NDF : 4.6/6

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

Right Out: -1155.721+/-846.339 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

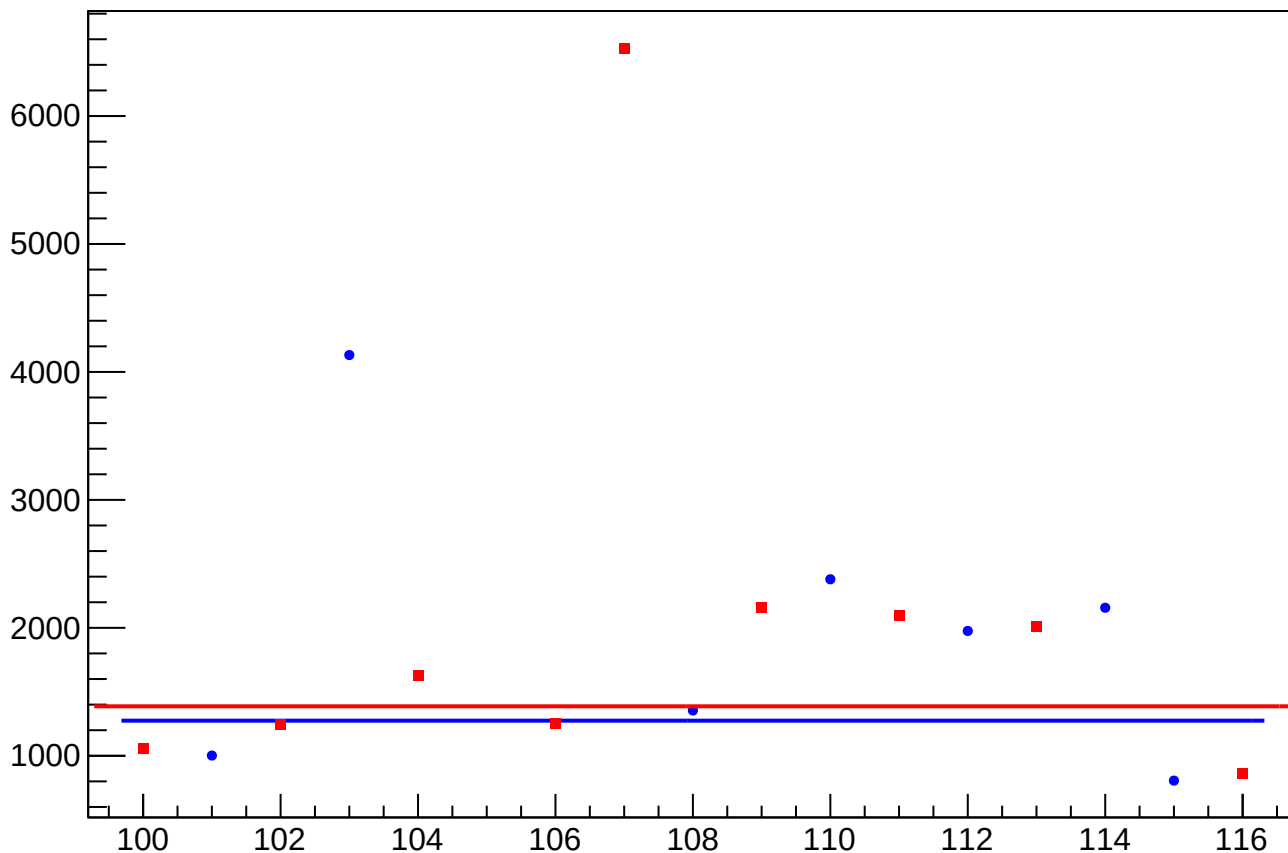
Right: -1214.490+/-605.366 χ^2/NDF : 13.7/15

In: -1276.055+/-866.242 χ^2/NDF :4.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1214.490+/-605.366 χ^2/NDF : 13.7/15

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1274.539+/-0.613 χ^2/NDF : 972703.1/6

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

Right Out: 1386.803+/-0.598 χ^2/NDF : 855405.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

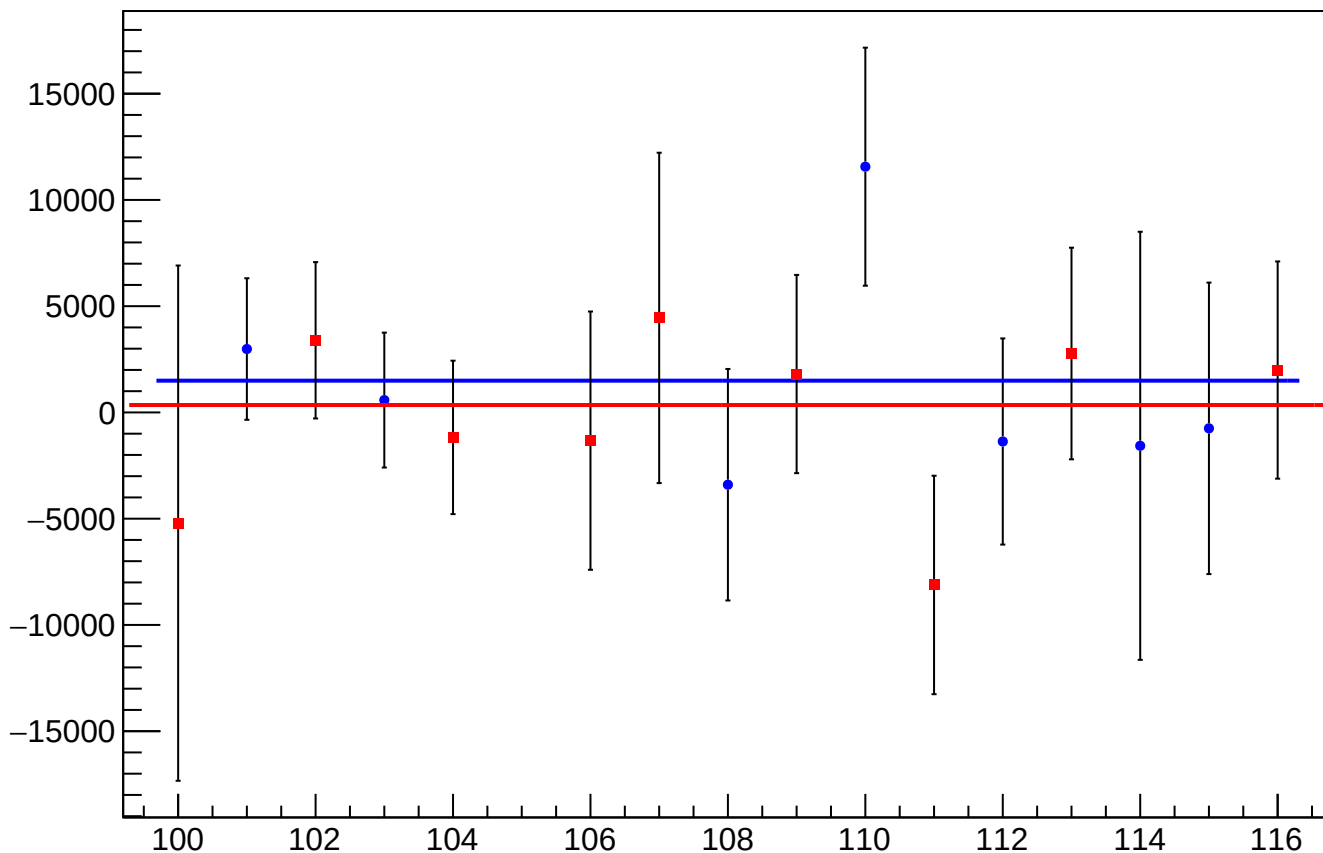
Right: 1331.975+/-0.428 χ^2/NDF : 1845294.8/15

In: 1274.539+/-0.613 χ^2/NDF : 972703.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.975+/-0.428 χ^2/NDF : 1845294.8/15

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1494.963 $\pm$ 1744.447 χ^2 /NDF: 4.9/6

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

Right Out: 349.012 $\pm$ 1658.703 χ^2 /NDF: 4.6/8

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

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

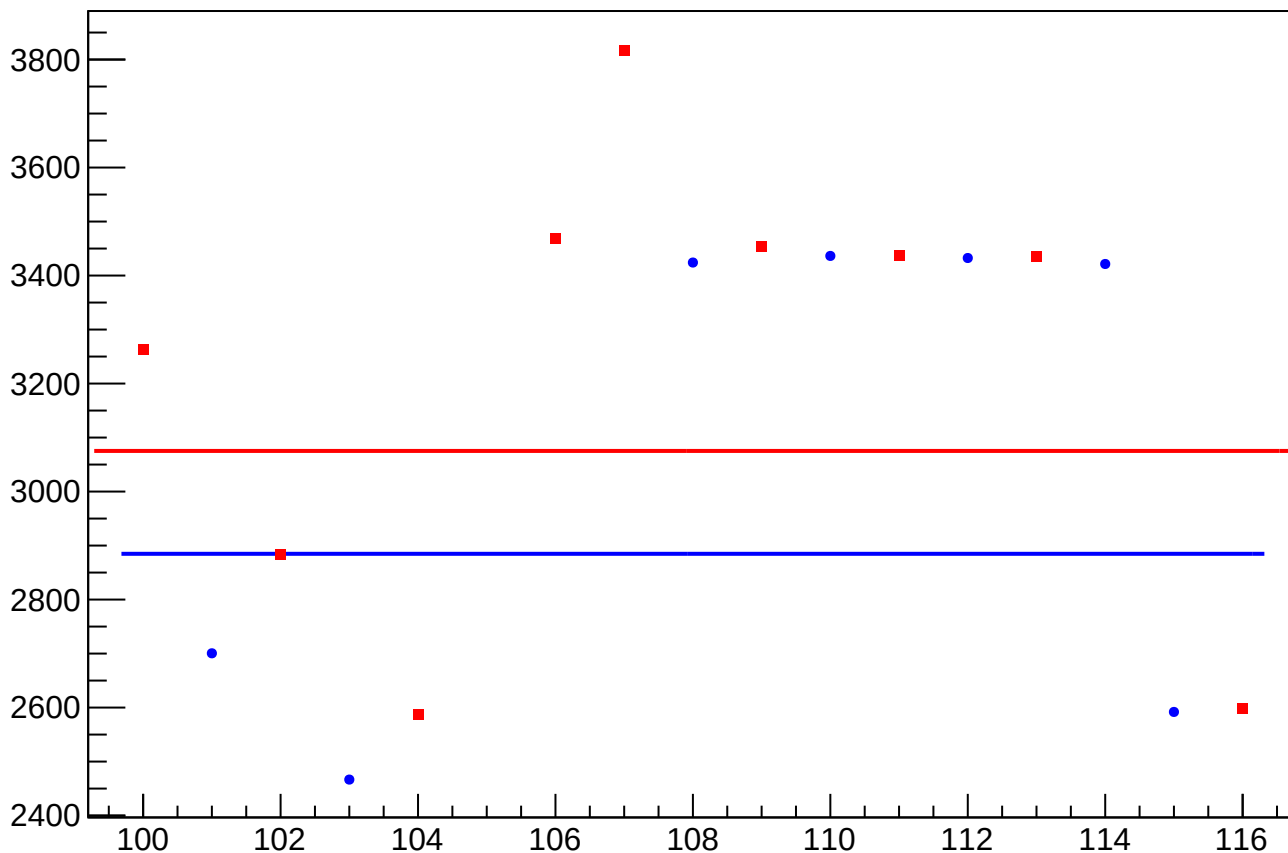
Right: 893.133 $\pm$ 1202.050 χ^2 /NDF: 9.7/15

In: 1494.963 $\pm$ 1744.447 χ^2 /NDF:4.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 893.133 $\pm$ 1202.050 χ^2 /NDF: 9.7/15

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2884.738 $\pm$ 1.234 χ^2 /NDF: 114655.6/6

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

Right Out: 3075.234 $\pm$ 1.173 χ^2 /NDF: 119845.3/8

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

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

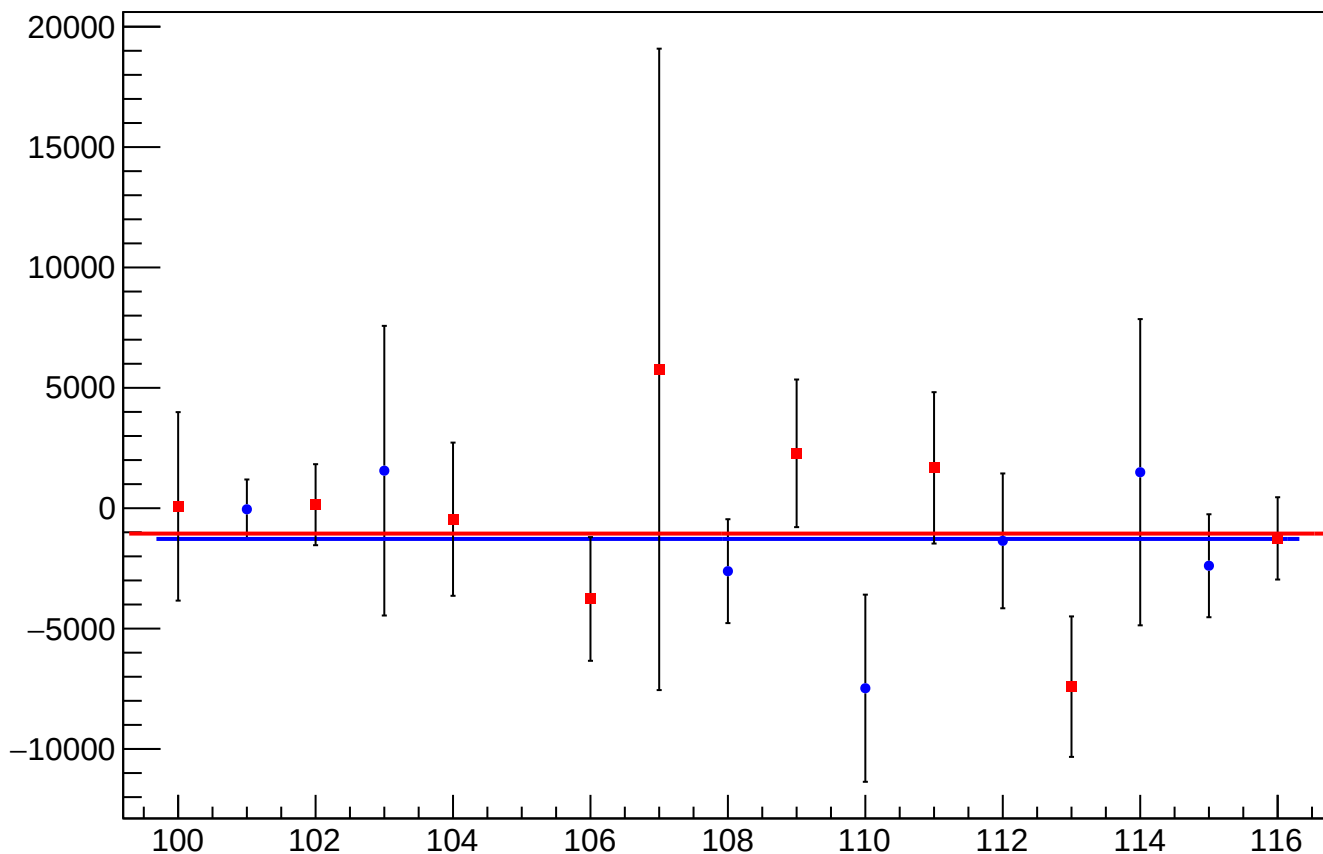
Right: 2984.783 $\pm$ 0.850 χ^2 /NDF: 247026.5/15

In: 2884.738 $\pm$ 1.234 χ^2 /NDF:114655.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2984.783 $\pm$ 0.850 χ^2 /NDF: 247026.5/15

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -1276.114+/-866.227 χ^2/NDF : 4.6/6

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

Right Out: -1054.067+/-863.240 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

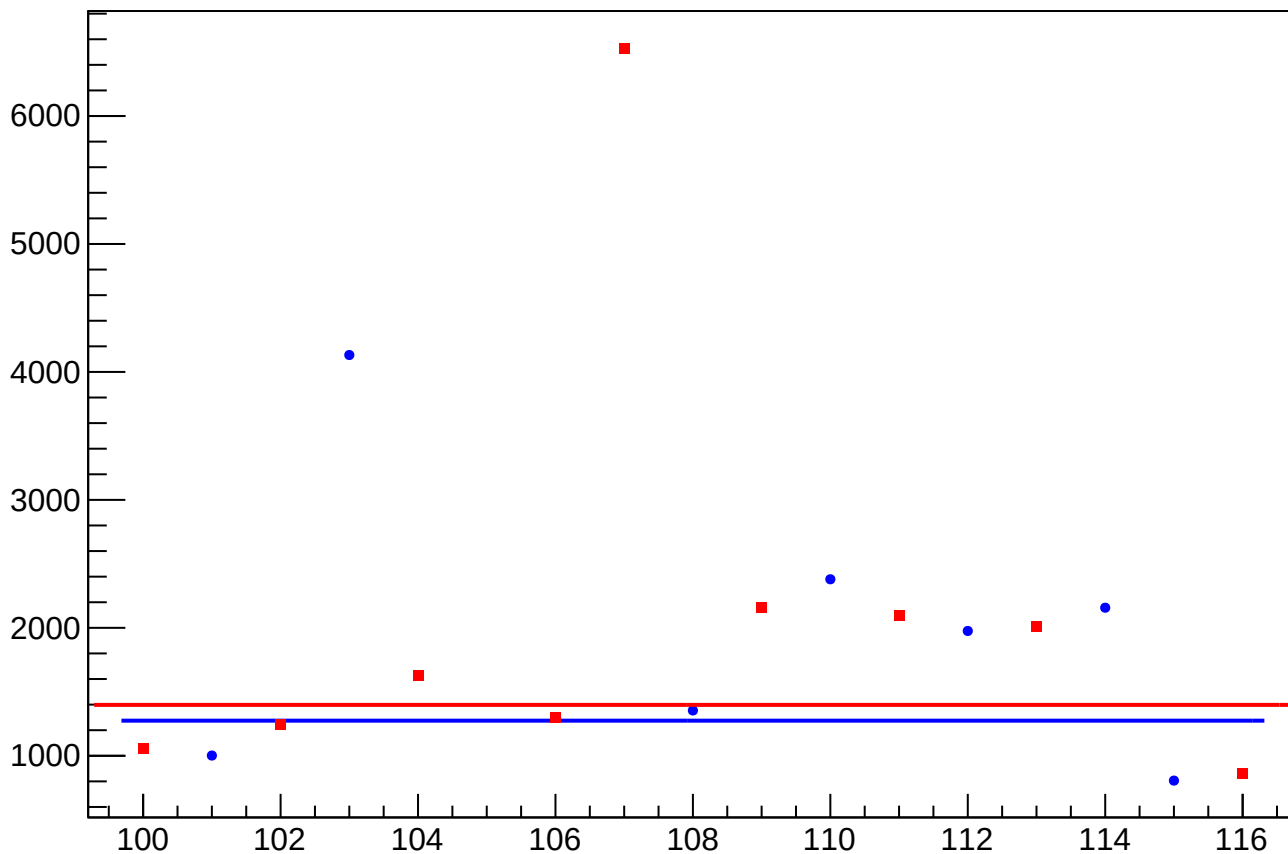
Right: -1164.707+/-611.456 χ^2/NDF : 13.3/15

In: -1276.114+/-866.227 χ^2/NDF :4.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1164.707+/-611.456 χ^2/NDF : 13.3/15

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1274.506+/-0.613 χ^2/NDF : 972739.4/6

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

Right Out: 1397.822+/-0.610 χ^2/NDF : 849802.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

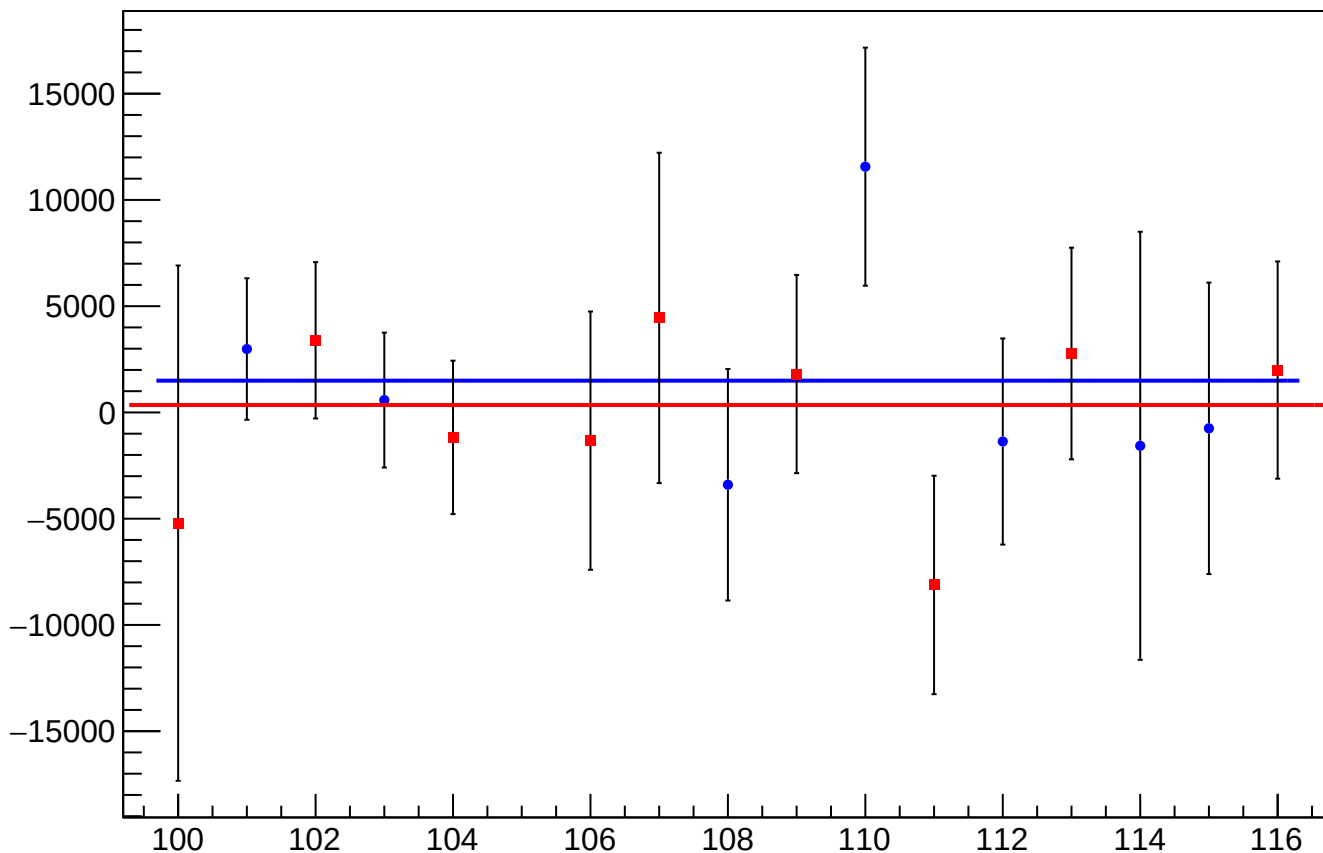
Right: 1336.377+/-0.432 χ^2/NDF : 1842877.9/15

In: 1274.506+/-0.613 χ^2/NDF : 972739.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.377+/-0.432 χ^2/NDF : 1842877.9/15

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1494.963+/-1744.447 χ^2/NDF : 4.9/6

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

Right Out: 349.012+/-1658.703 χ^2/NDF : 4.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

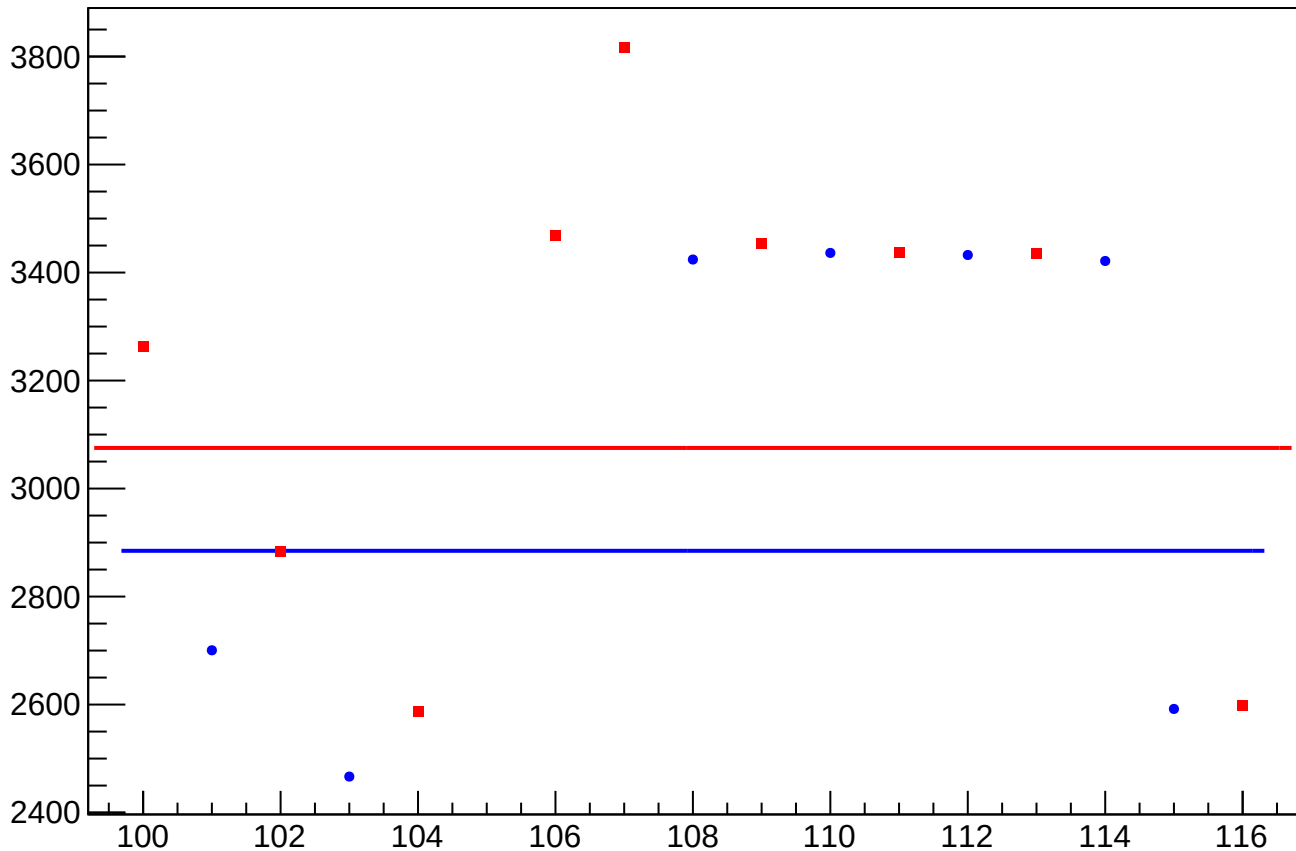
Right: 893.133+/-1202.050 χ^2/NDF : 9.7/15

In: 1494.963+/-1744.447 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.133+/-1202.050 χ^2/NDF : 9.7/15

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2884.738+/-1.234 χ^2/NDF : 114655.6/6

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

Right Out: 3075.234+/-1.173 χ^2/NDF : 119845.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

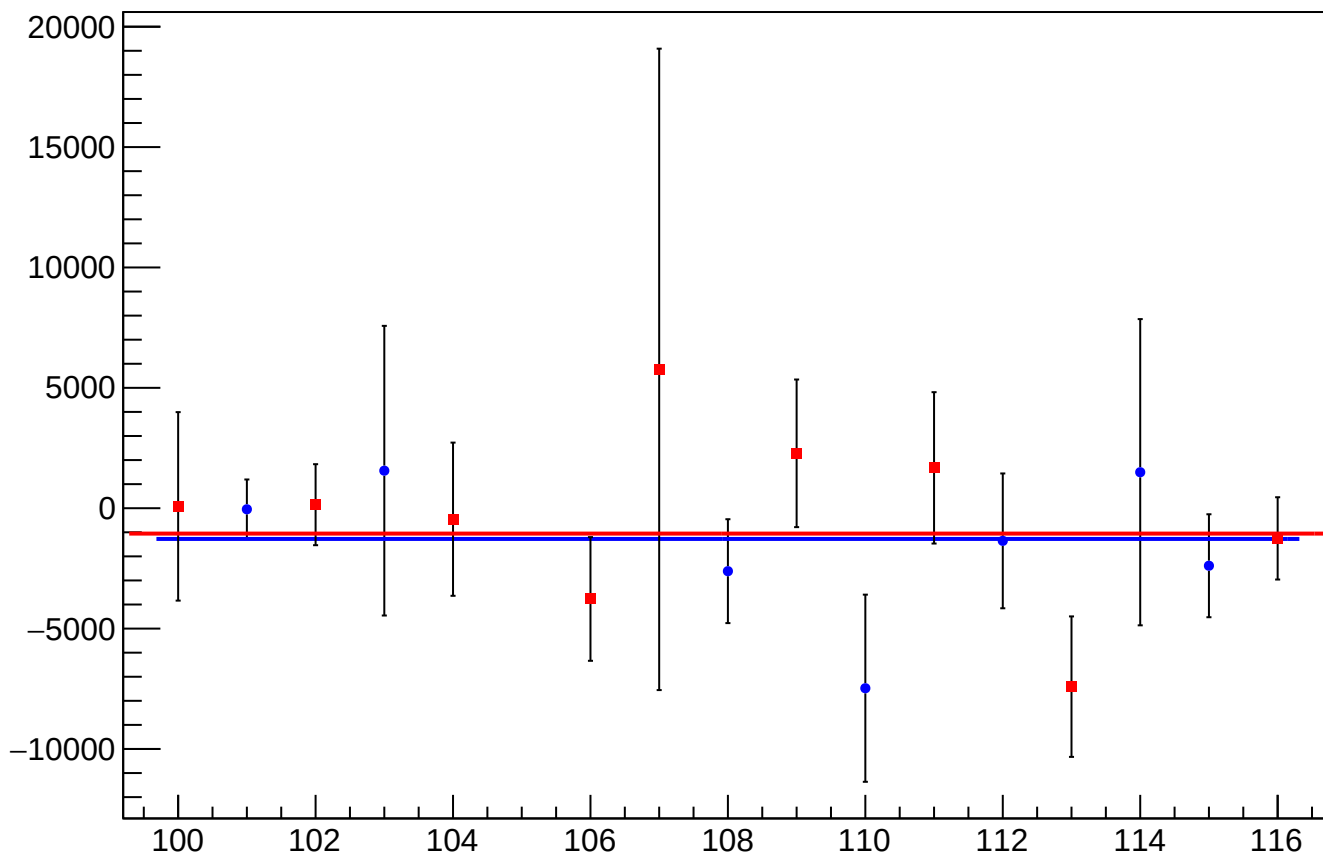
Right: 2984.783+/-0.850 χ^2/NDF : 247026.5/15

In: 2884.738+/-1.234 χ^2/NDF : 114655.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2984.783+/-0.850 χ^2/NDF : 247026.5/15

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1276.114 $\pm$ 866.227 χ^2 /NDF: 4.6/6

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

Right Out: -1054.067 $\pm$ 863.240 χ^2 /NDF: 8.7/8

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

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

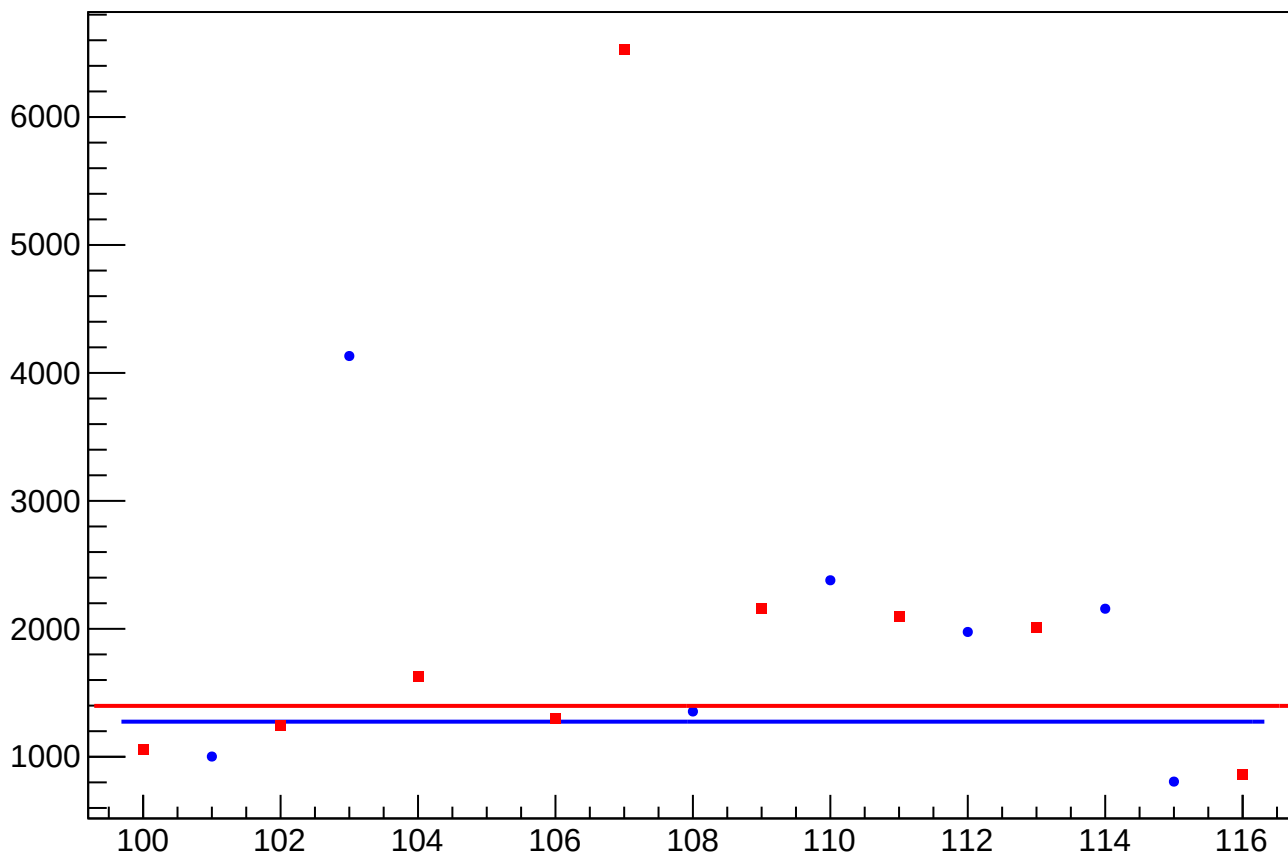
Right: -1164.707 $\pm$ 611.456 χ^2 /NDF: 13.3/15

In: -1276.114 $\pm$ 866.227 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1164.707 $\pm$ 611.456 χ^2 /NDF: 13.3/15

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1274.506+/-0.613 χ^2/NDF : 972739.4/6

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

Right Out: 1397.822+/-0.610 χ^2/NDF : 849802.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

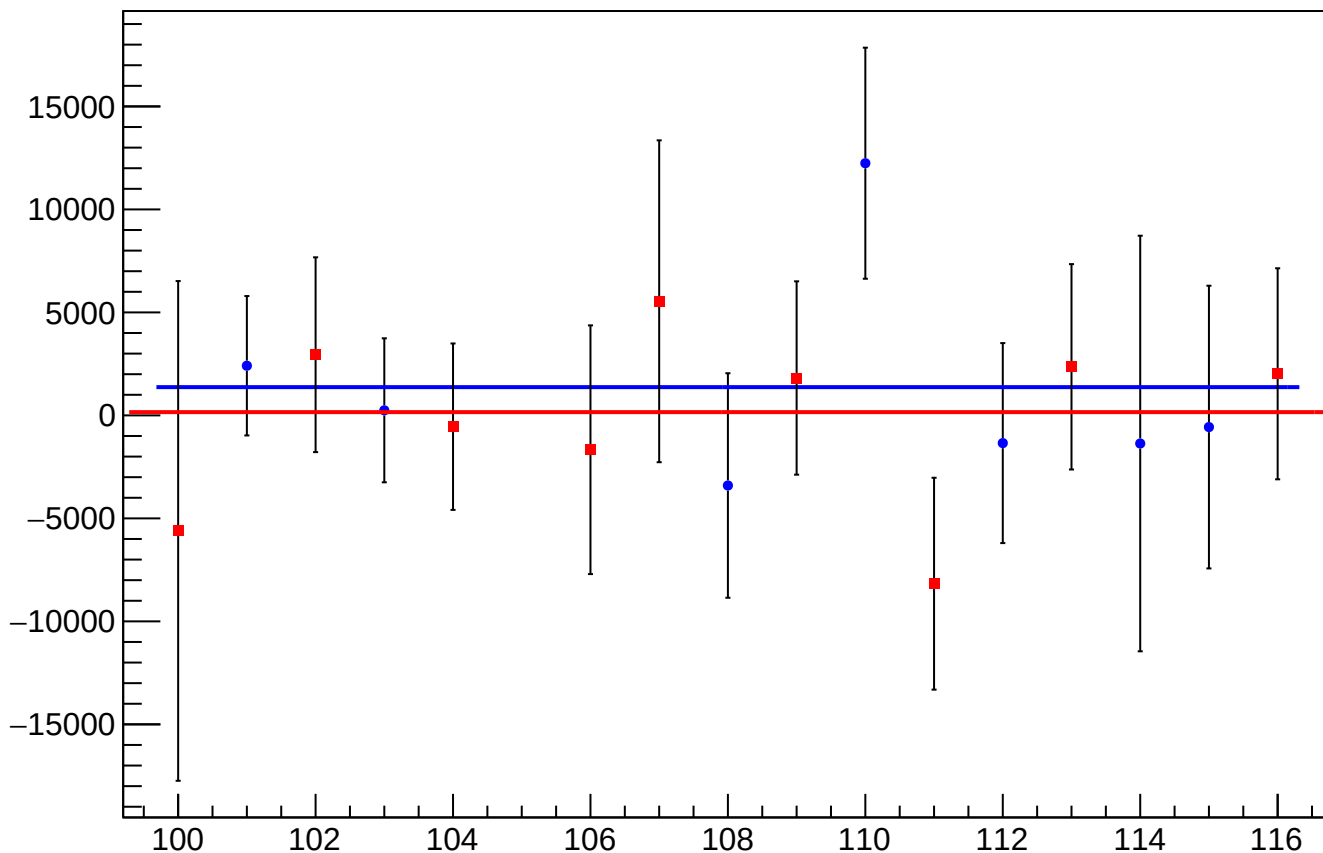
Right: 1336.377+/-0.432 χ^2/NDF : 1842877.9/15

In: 1274.506+/-0.613 χ^2/NDF : 972739.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.377+/-0.432 χ^2/NDF : 1842877.9/15

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1371.901+/-1801.654 χ^2/NDF : 5.2/6

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

Right Out: 158.336+/-1772.939 χ^2/NDF : 4.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

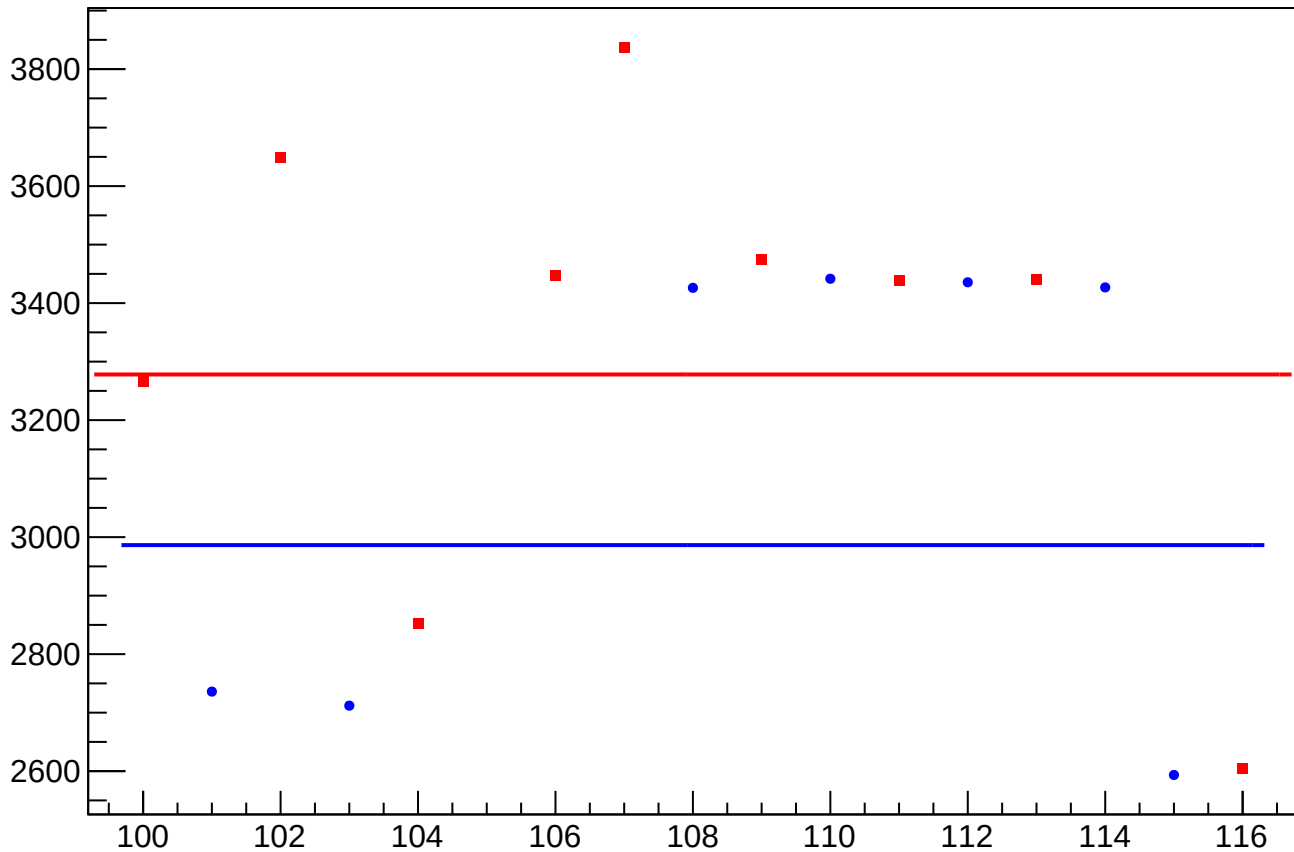
Right: 755.371+/-1263.687 χ^2/NDF : 9.7/15

In: 1371.901+/-1801.654 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.371+/-1263.687 χ^2/NDF : 9.7/15

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2986.364+/-1.274 χ^2/NDF : 76957.6/6

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

Right Out: 3278.075+/-1.254 χ^2/NDF : 88218.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

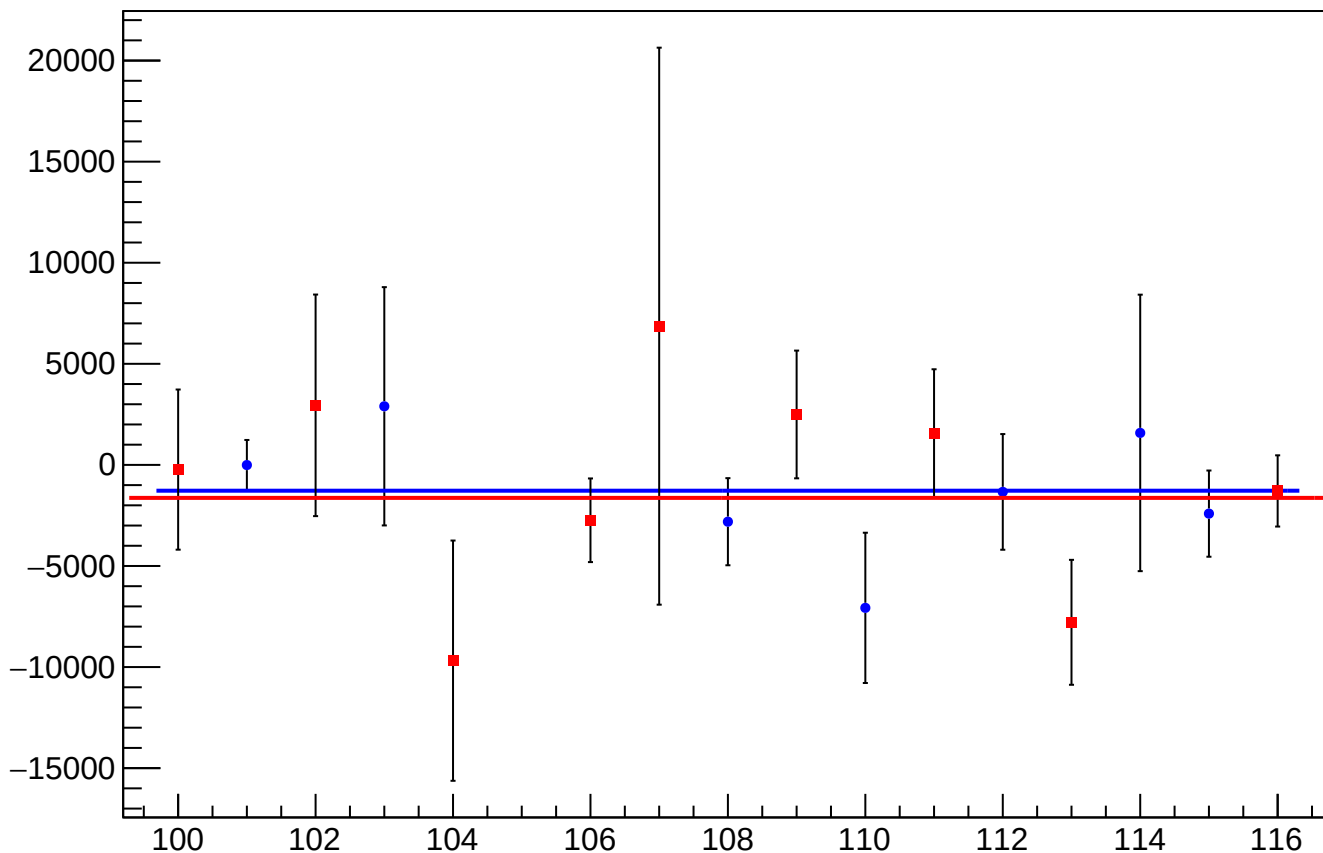
Right: 3134.562+/-0.894 χ^2/NDF : 191813.1/15

In: 2986.364+/-1.274 χ^2/NDF : 76957.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.562+/-0.894 χ^2/NDF : 191813.1/15

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -1276.601+/-867.100 χ^2/NDF : 4.9/6

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

Right Out: -1631.690+/-1004.253 χ^2/NDF : 10.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

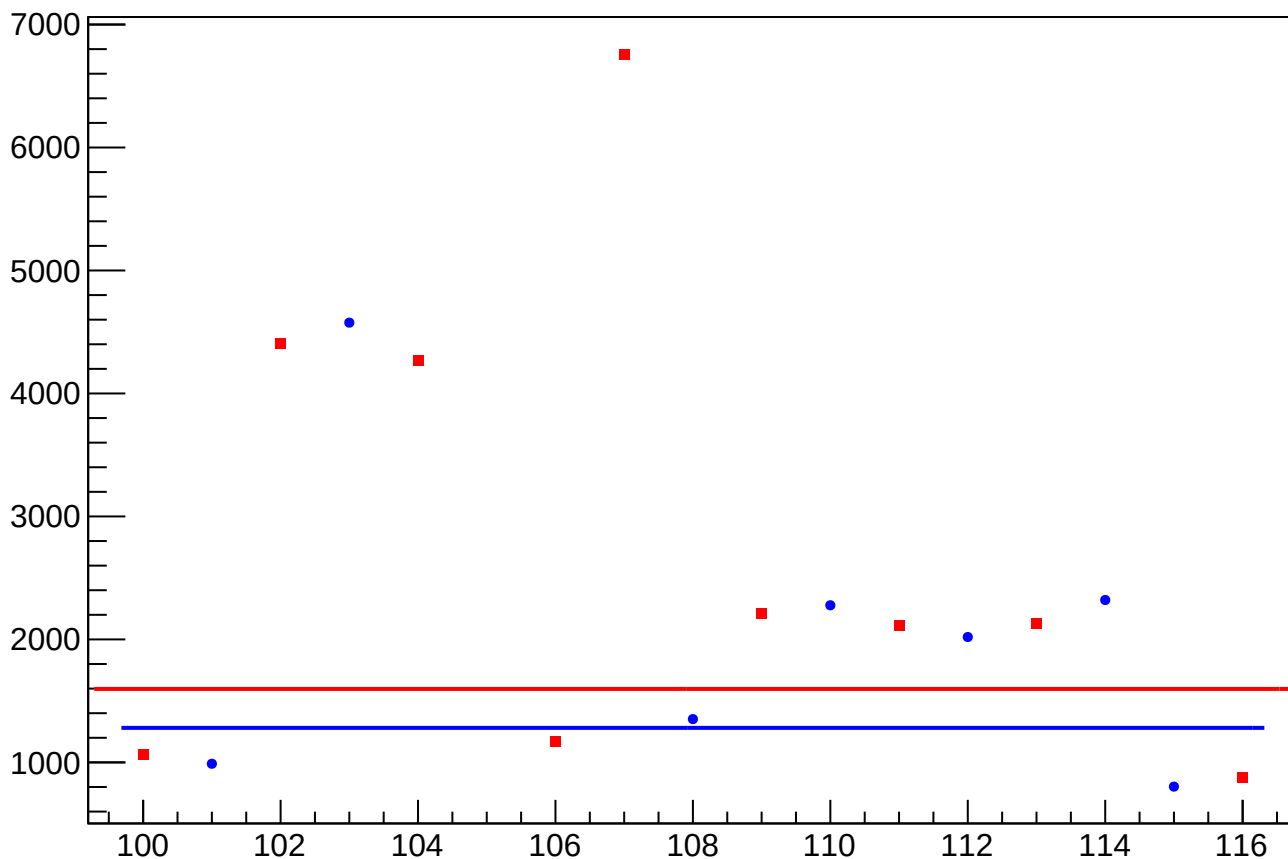
Right: -1428.260+/-656.309 χ^2/NDF : 15.1/15

In: -1276.601+/-867.100 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1428.260+/-656.309 χ^2/NDF : 15.1/15

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1280.817+/-0.613 χ^2/NDF : 1161940.1/6

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

Right Out: 1597.420+/-0.710 χ^2/NDF : 1844576.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

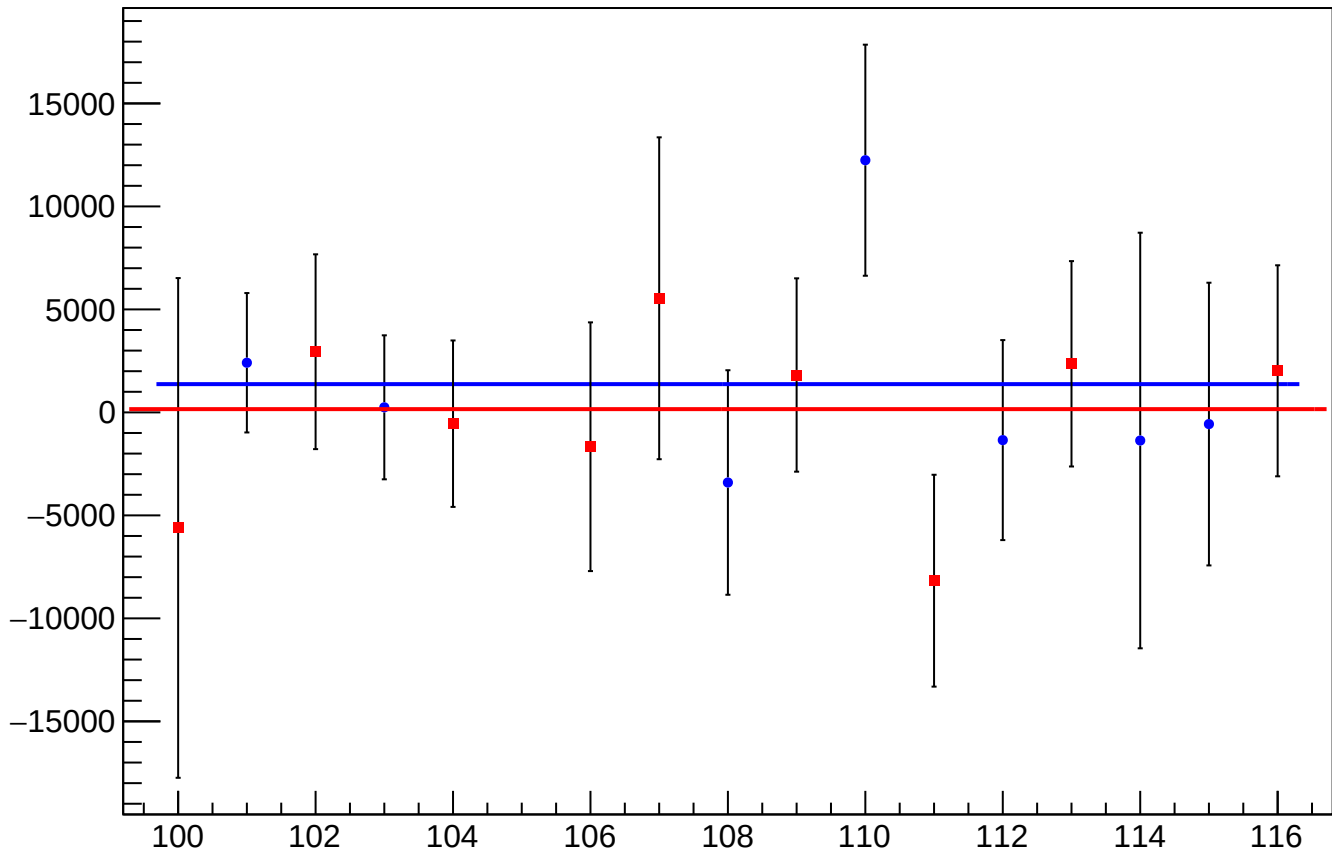
Right: 1416.038+/-0.464 χ^2/NDF : 3120397.1/15

In: 1280.817+/-0.613 χ^2/NDF : 1161940.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.038+/-0.464 χ^2/NDF : 3120397.1/15

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1371.895+/-1801.653 χ^2/NDF : 5.2/6

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

Right Out: 158.331+/-1772.938 χ^2/NDF : 4.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

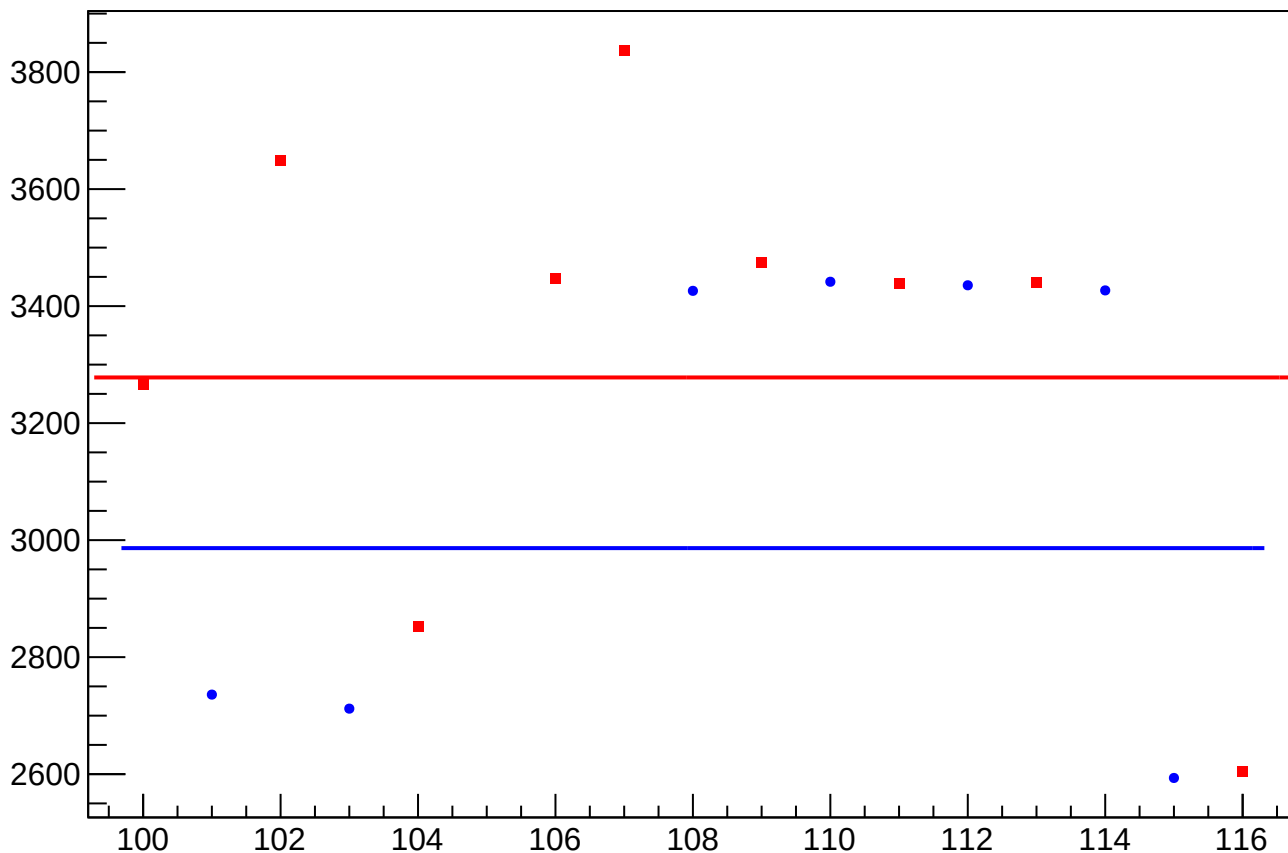
Right: 755.365+/-1263.686 χ^2/NDF : 9.7/15

In: 1371.895+/-1801.653 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.365+/-1263.686 χ^2/NDF : 9.7/15

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2986.362+/-1.274 χ^2/NDF : 76958.1/6

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

Right Out: 3278.073+/-1.254 χ^2/NDF : 88219.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

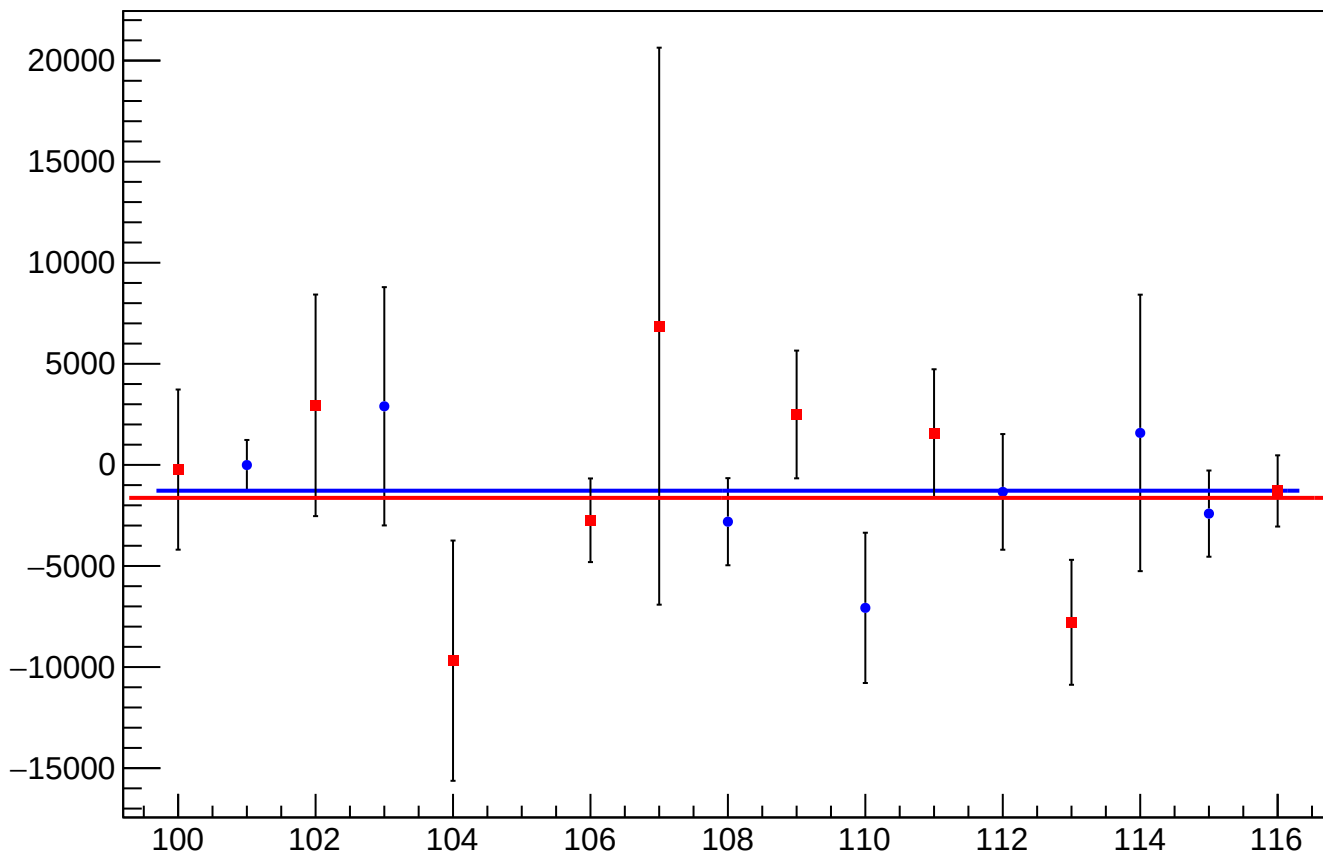
Right: 3134.561+/-0.894 χ^2/NDF : 191814.2/15

In: 2986.362+/-1.274 χ^2/NDF : 76958.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.561+/-0.894 χ^2/NDF : 191814.2/15

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1276.606+/-867.100 χ^2/NDF : 4.9/6

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

Right Out: -1631.686+/-1004.252 χ^2/NDF : 10.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

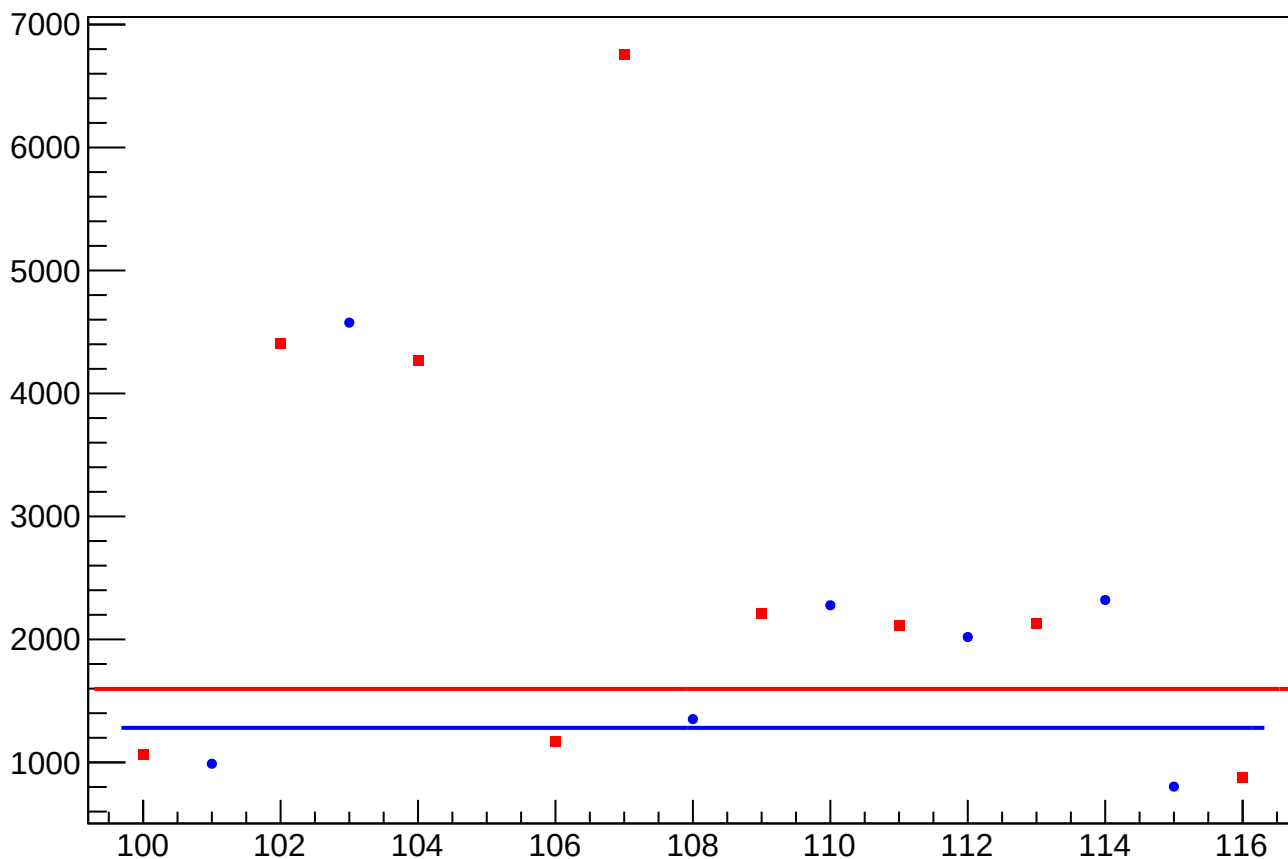
Right: -1428.261+/-656.309 χ^2/NDF : 15.1/15

In: -1276.606+/-867.100 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1428.261+/-656.309 χ^2/NDF : 15.1/15

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1280.816+/-0.613 χ^2/NDF : 1161941.7/6

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

Right Out: 1597.417+/-0.710 χ^2/NDF : 1844581.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

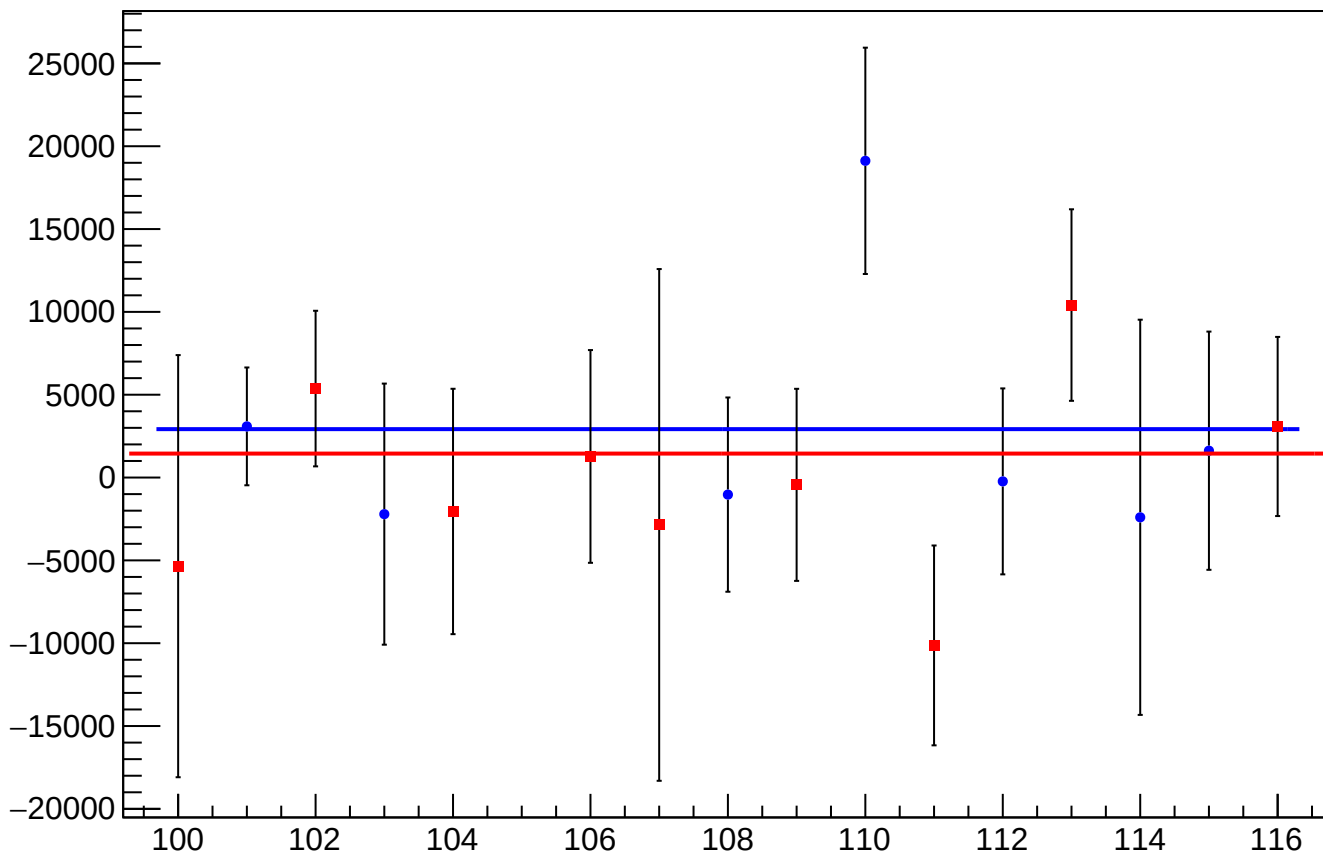
Right: 1416.037+/-0.464 χ^2/NDF : 3120403.0/15

In: 1280.816+/-0.613 χ^2/NDF : 1161941.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.037+/-0.464 χ^2/NDF : 3120403.0/15

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2921.945+/-2214.983 χ^2/NDF : 7.1/6

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

Right Out: 1446.306+/-2134.242 χ^2/NDF : 7.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

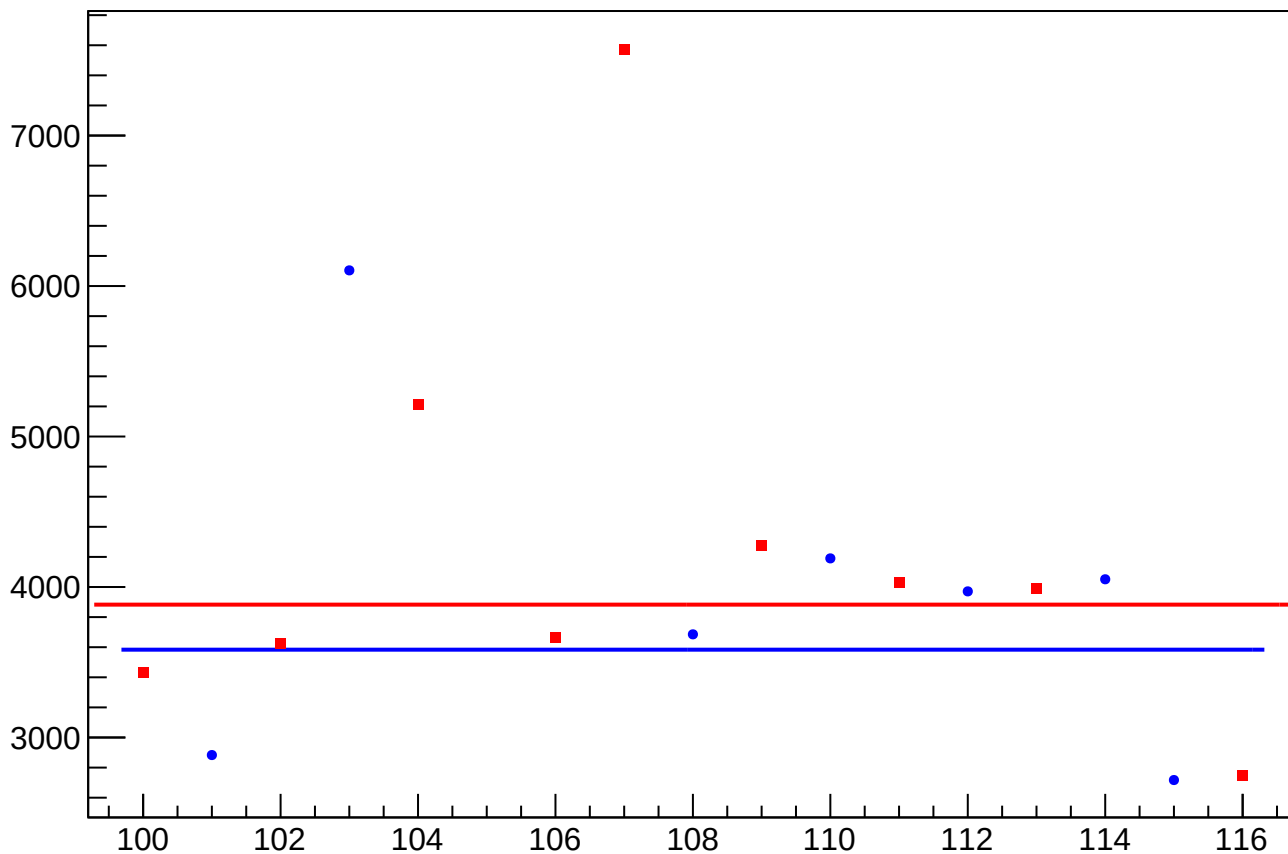
Right: 2156.741+/-1536.889 χ^2/NDF : 14.9/15

In: 2921.945+/-2214.983 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.741+/-1536.889 χ^2/NDF : 14.9/15

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3583.567+/-1.566 χ^2/NDF : 340171.3/6

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

Right Out: 3882.875+/-1.509 χ^2/NDF : 288275.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

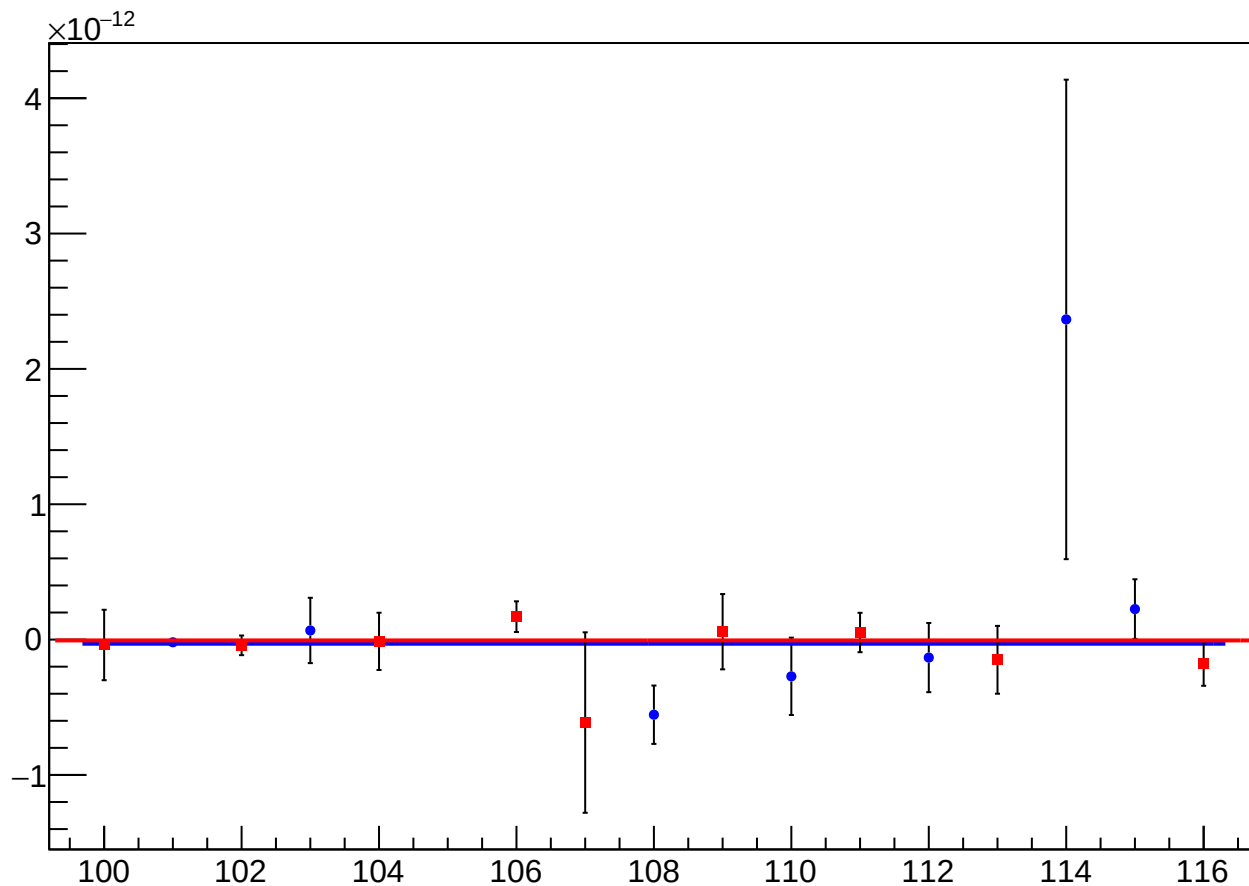
Right: 3738.776+/-1.087 χ^2/NDF : 647384.5/15

In: 3583.567+/-1.566 χ^2/NDF : 340171.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3738.776+/-1.087 χ^2/NDF : 647384.5/15

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.2/6

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

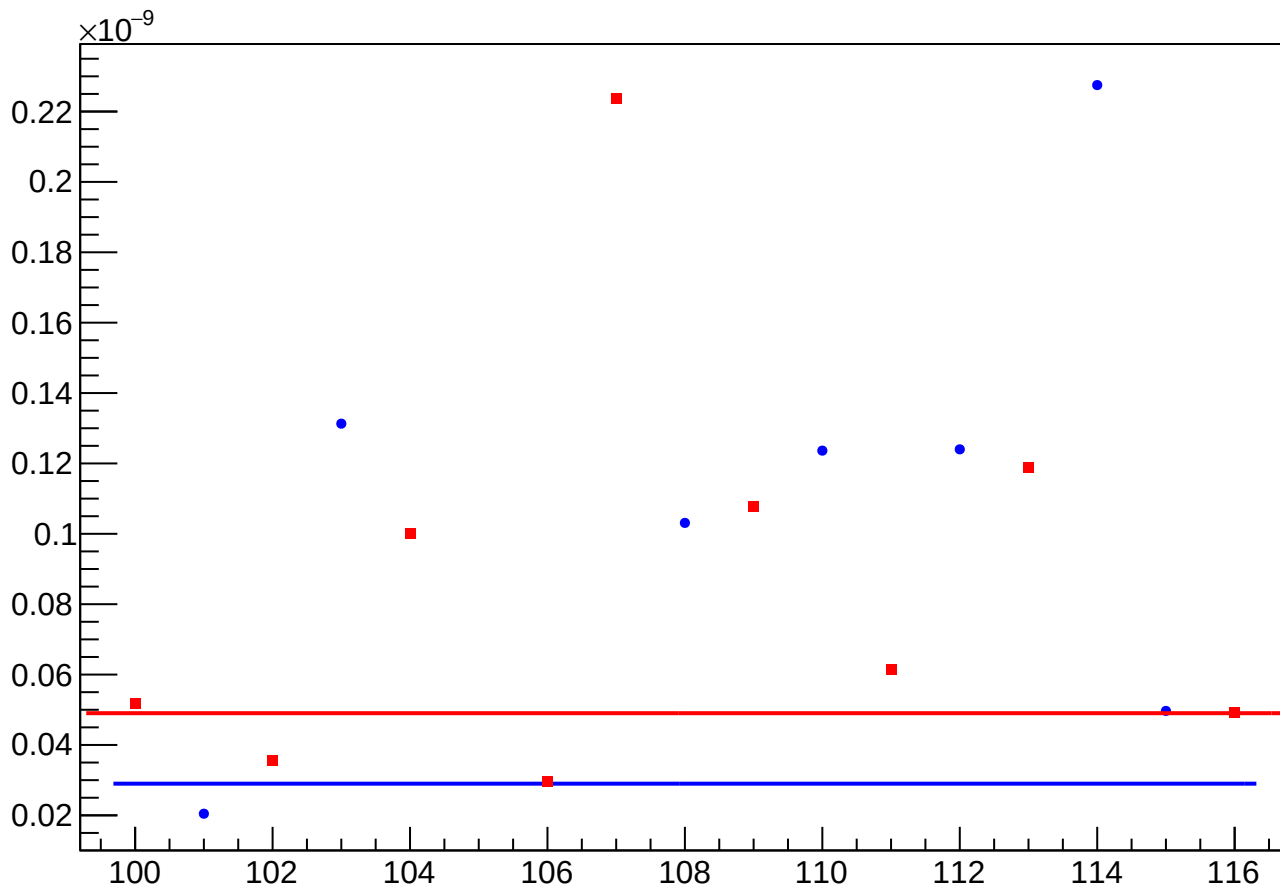
Right: -0.000+/-0.000 χ^2 /NDF: 15.4/15

In: -0.000+/-0.000 χ^2 /NDF:10.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.4/15

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1244471.3/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 639990.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

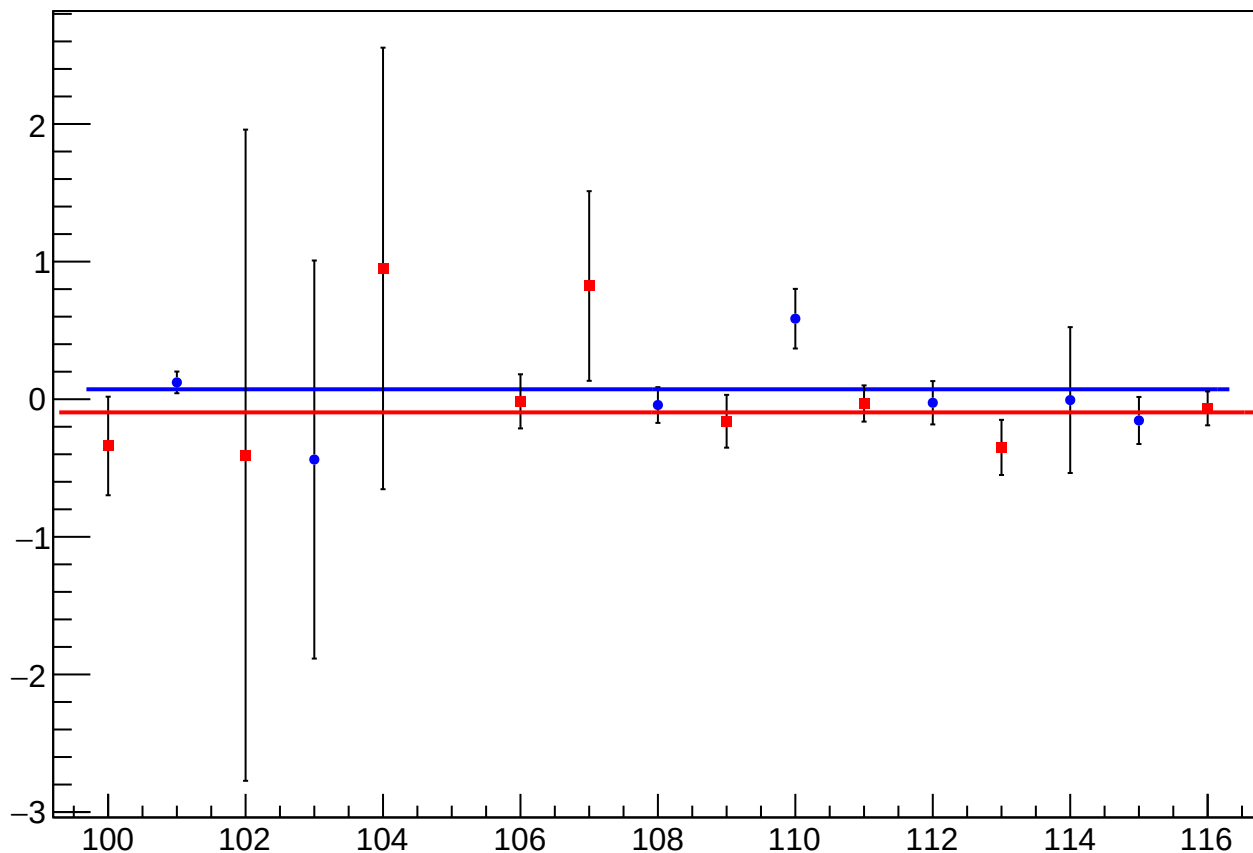
Right: 0.000+/-0.000 χ^2/NDF : 2108935.8/15

In: 0.000+/-0.000 χ^2/NDF : 1244471.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2108935.8/15

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.056 χ^2/NDF : 9.1/6

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

Right Out: -0.096+/-0.069 χ^2/NDF : 4.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

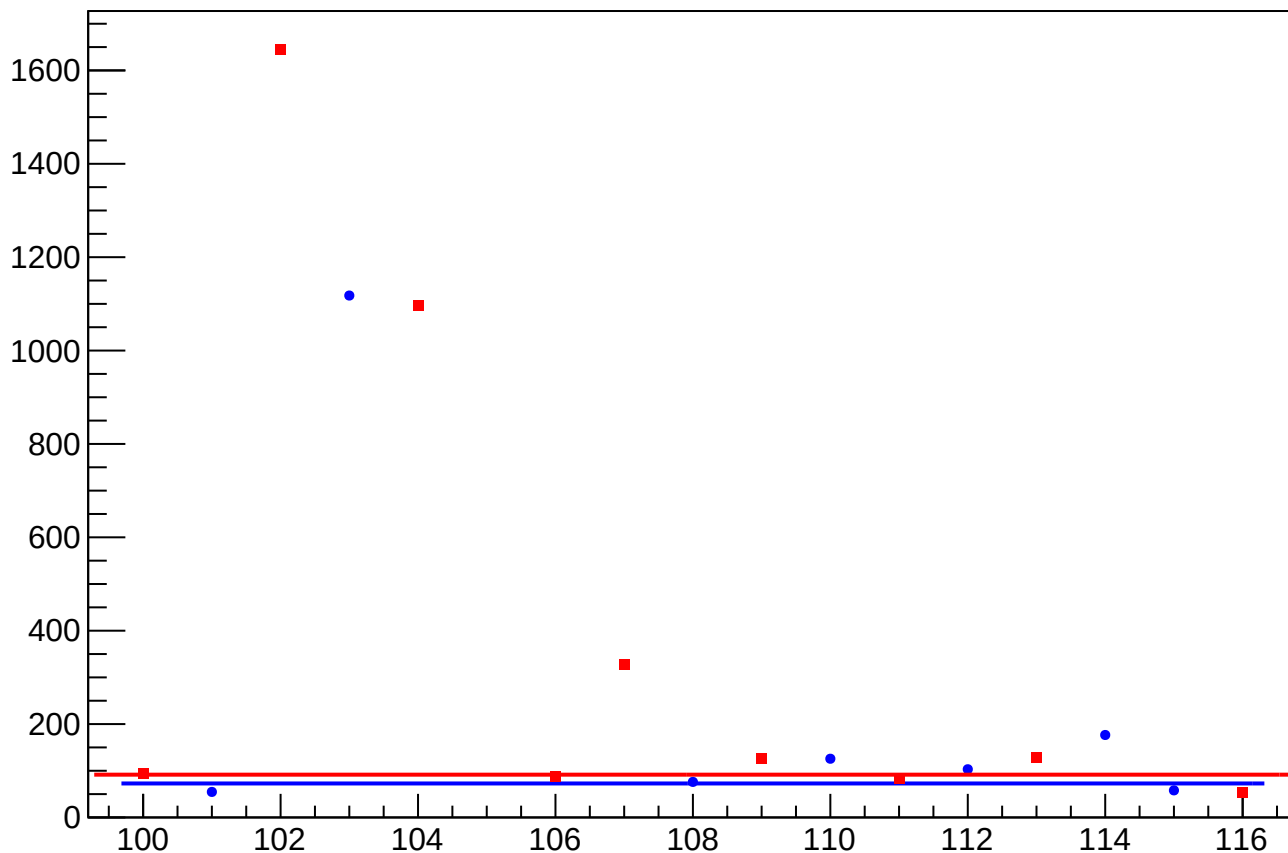
Right: 0.005+/-0.043 χ^2/NDF : 17.5/15

In: 0.072+/-0.056 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.043 χ^2/NDF : 17.5/15

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.804 $\pm$ 0.040 χ^2 /NDF: 1437129.5/6

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

Right Out: 91.638 $\pm$ 0.049 χ^2 /NDF: 2211340.6/8

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

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

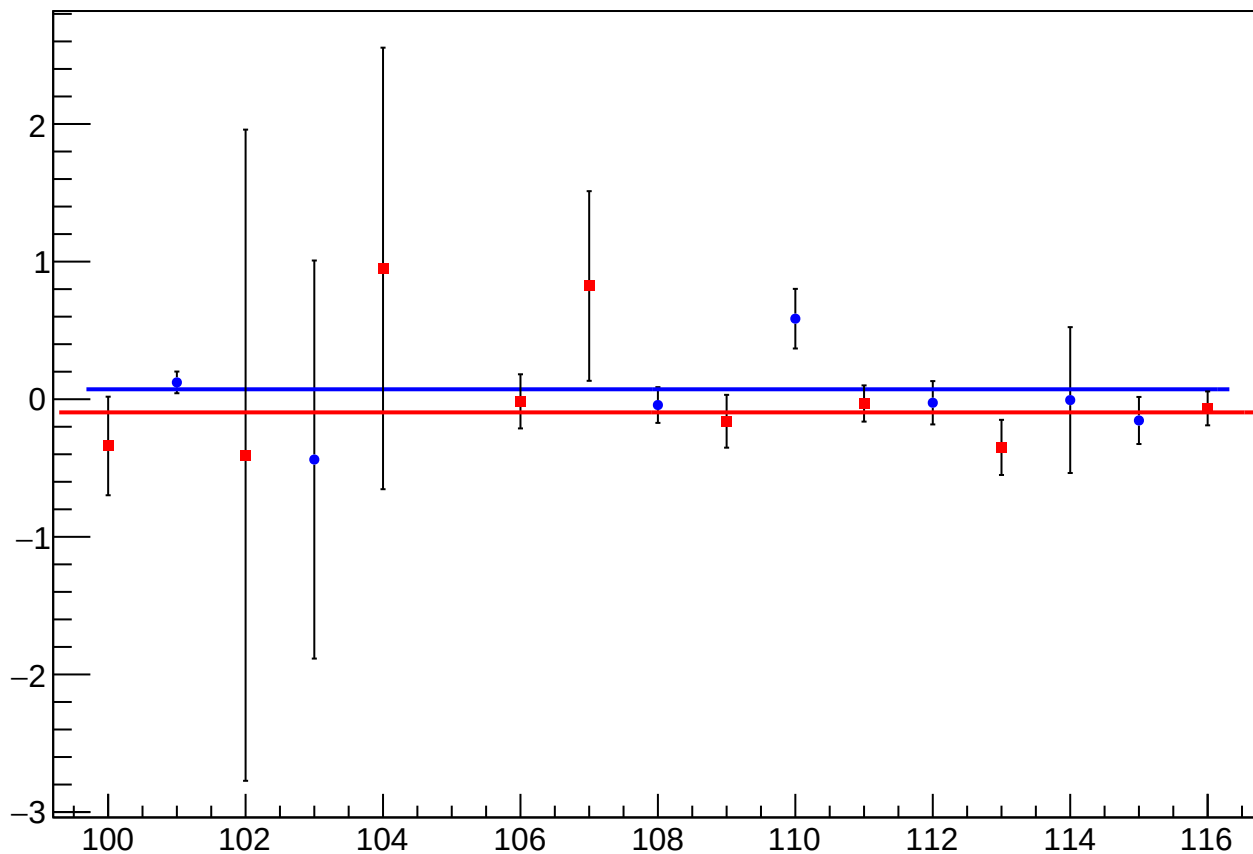
Right: 80.305 $\pm$ 0.031 χ^2 /NDF: 3738961.2/15

In: 72.804 $\pm$ 0.040 χ^2 /NDF:1437129.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.305 $\pm$ 0.031 χ^2 /NDF: 3738961.2/15

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072 $\pm$ 0.056 χ^2 /NDF: 9.1/6

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

Right Out: -0.096 $\pm$ 0.069 χ^2 /NDF: 4.9/8

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

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

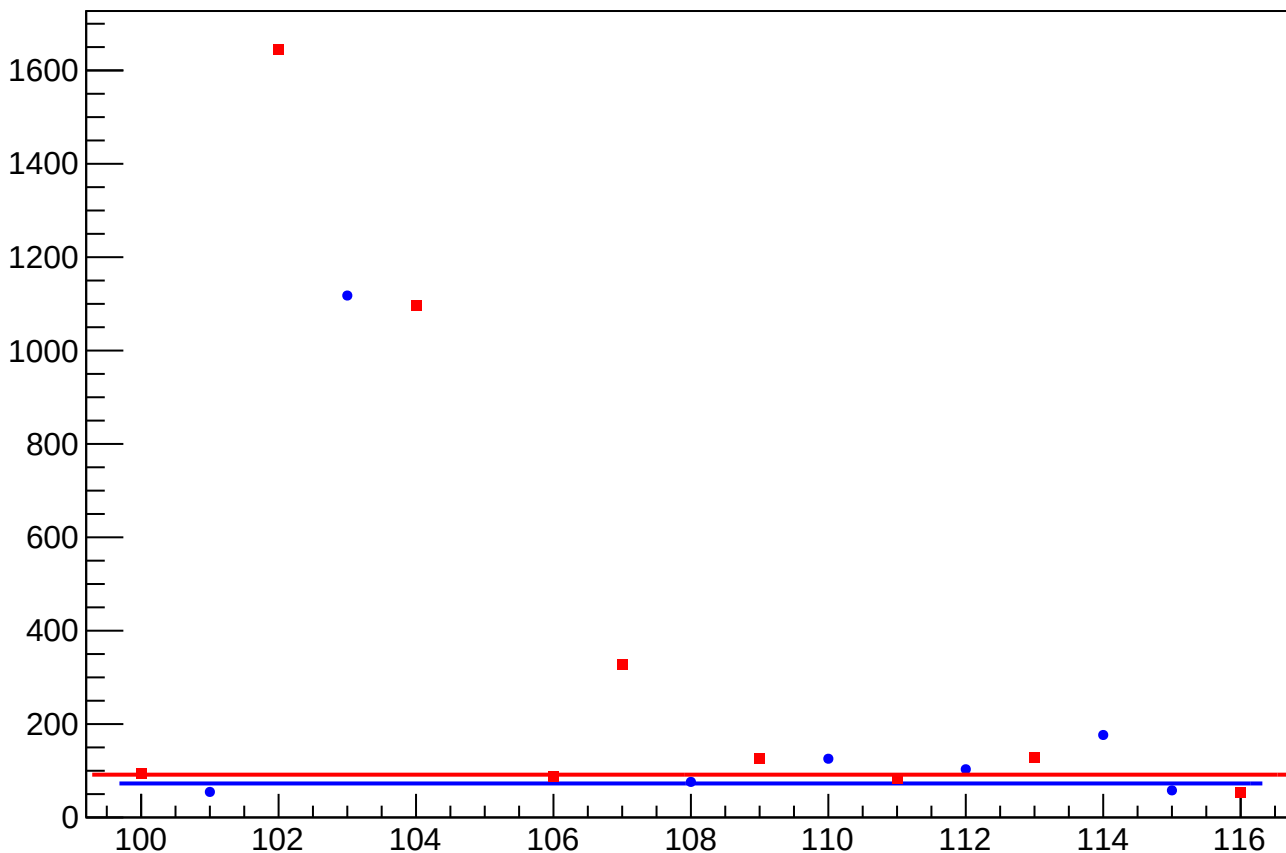
Right: 0.005 $\pm$ 0.043 χ^2 /NDF: 17.5/15

In: 0.072 $\pm$ 0.056 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.043 χ^2 /NDF: 17.5/15

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.804 $\pm$ 0.040 χ^2 /NDF: 1437129.5/6

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

Right Out: 91.638 $\pm$ 0.049 χ^2 /NDF: 2211340.6/8

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

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

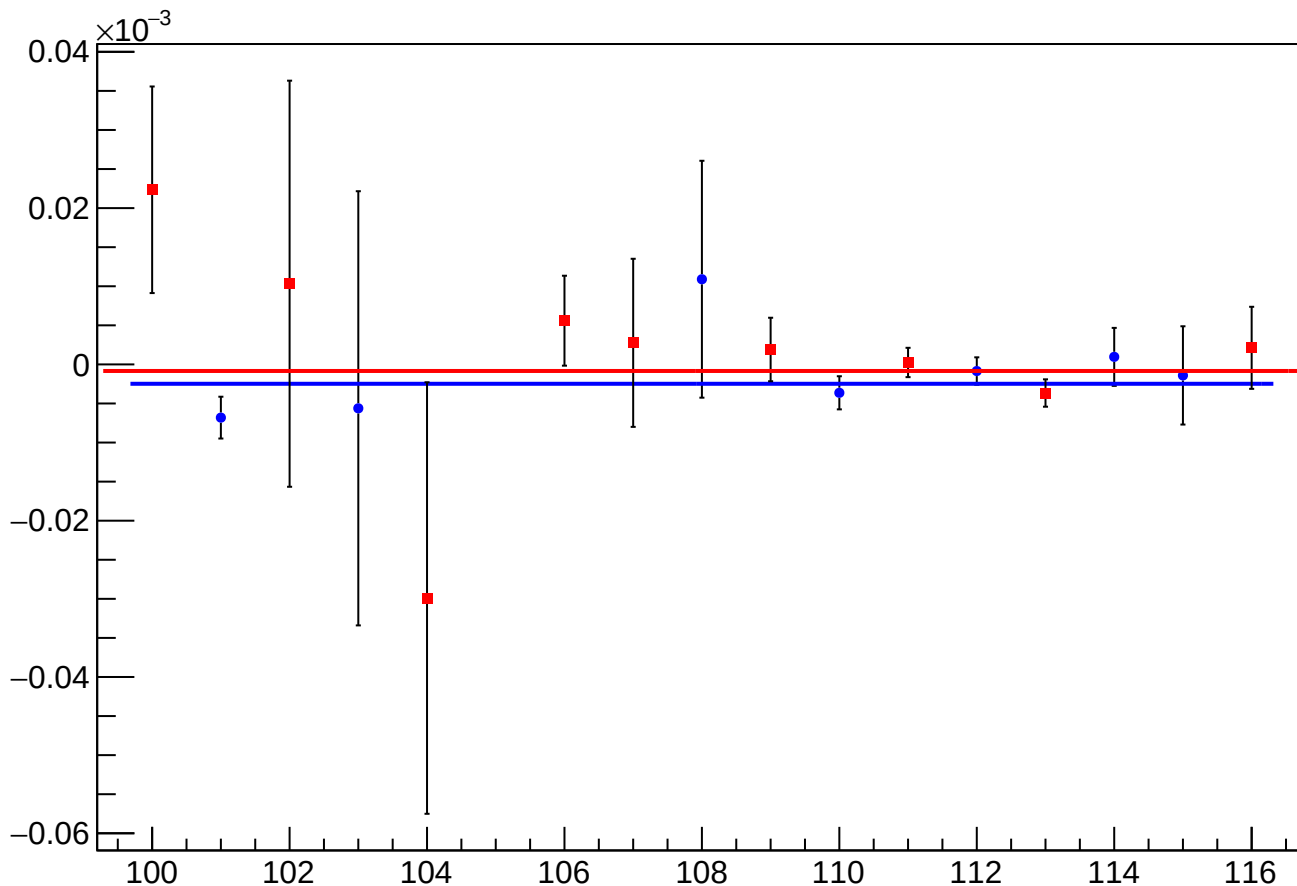
Right: 80.305 $\pm$ 0.031 χ^2 /NDF: 3738961.2/15

In: 72.804 $\pm$ 0.040 χ^2 /NDF:1437129.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.305 $\pm$ 0.031 χ^2 /NDF: 3738961.2/15

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.5/6

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

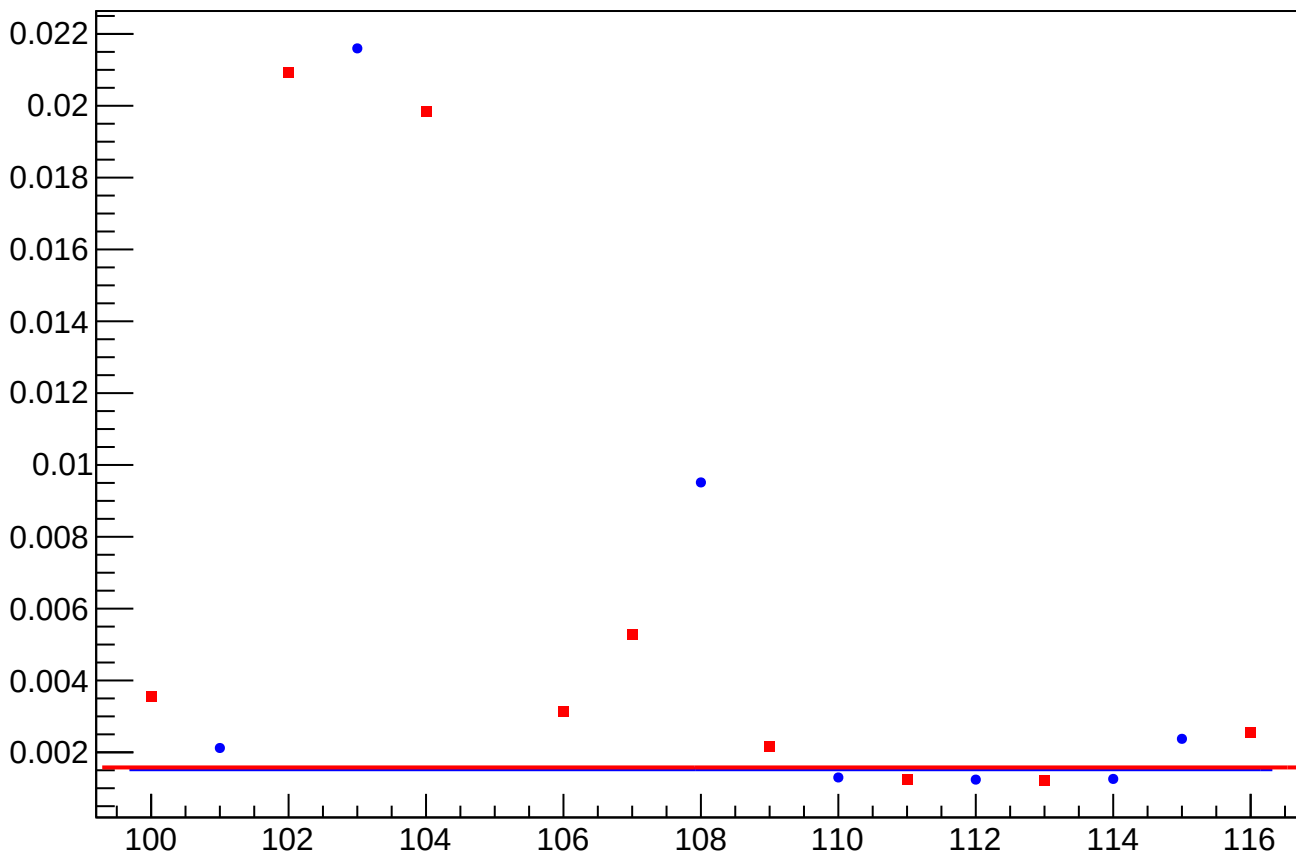
Right: -0.000+/-0.000 χ^2 /NDF: 15.9/15

In: -0.000+/-0.000 χ^2 /NDF:5.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.9/15

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1821089.6/6

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2669265.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

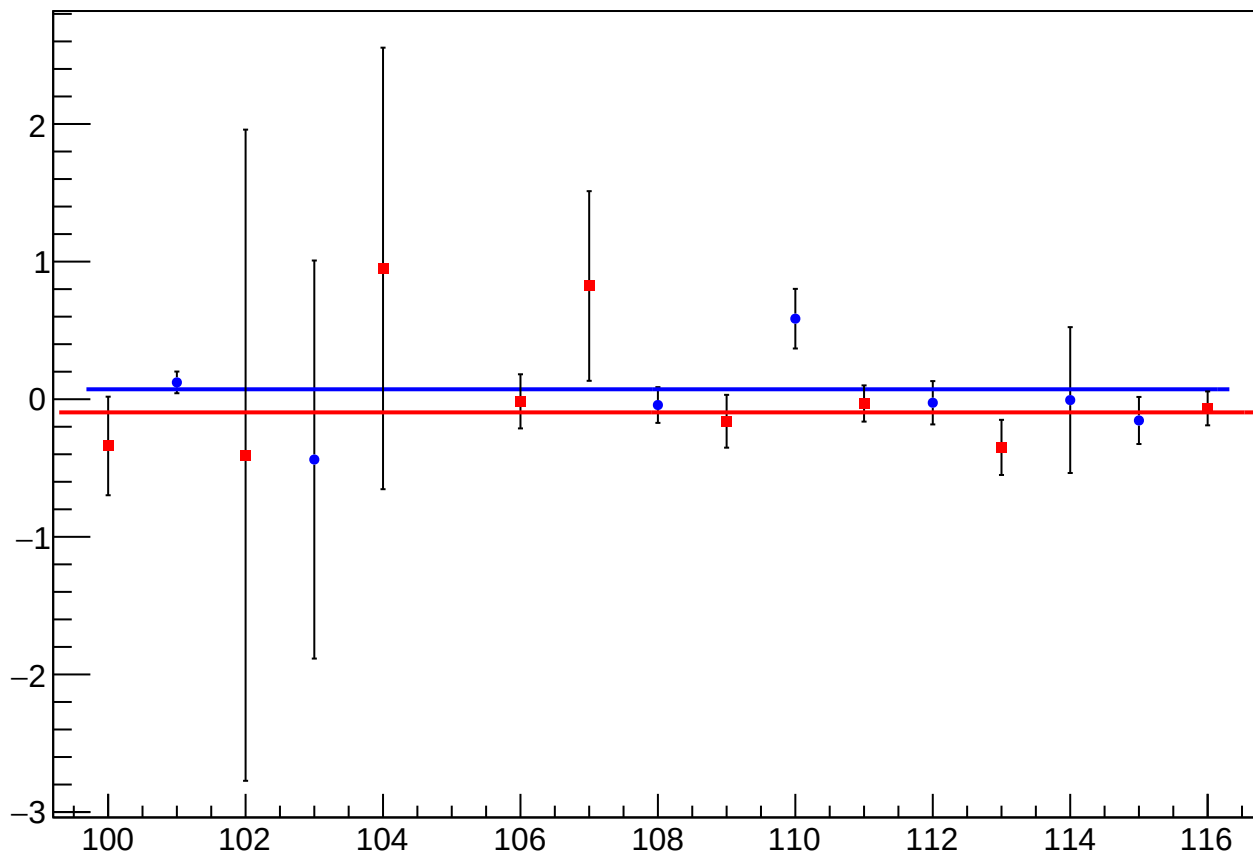
Right: 0.002+/-0.000 χ^2/NDF : 4492257.8/15

In: 0.002+/-0.000 χ^2/NDF :1821089.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4492257.8/15

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.056 χ^2/NDF : 9.1/6

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

Right Out: -0.096+/-0.069 χ^2/NDF : 4.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

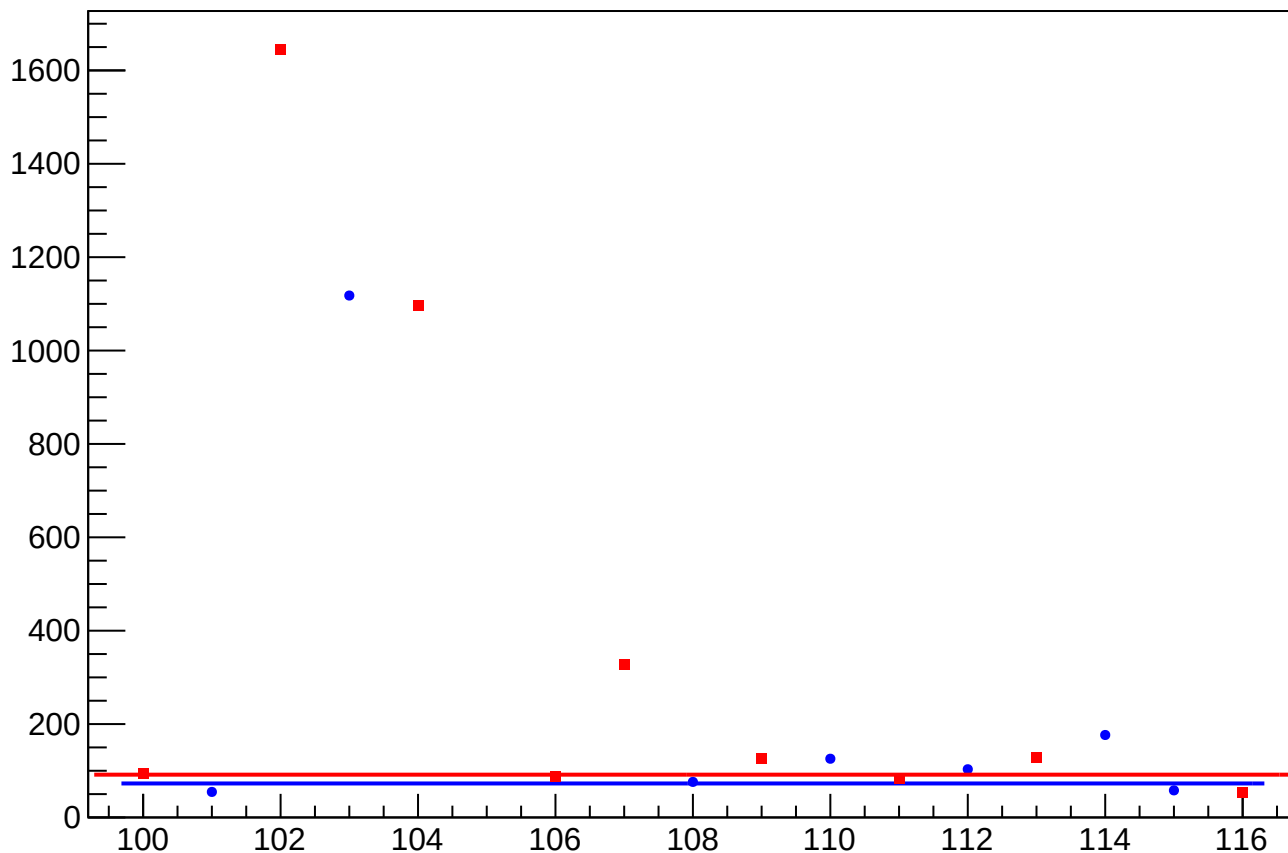
Right: 0.005+/-0.043 χ^2/NDF : 17.5/15

In: 0.072+/-0.056 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.043 χ^2/NDF : 17.5/15

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.804+/-0.040 χ^2/NDF : 1437143.8/6

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

Right Out: 91.637+/-0.049 χ^2/NDF : 2211358.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

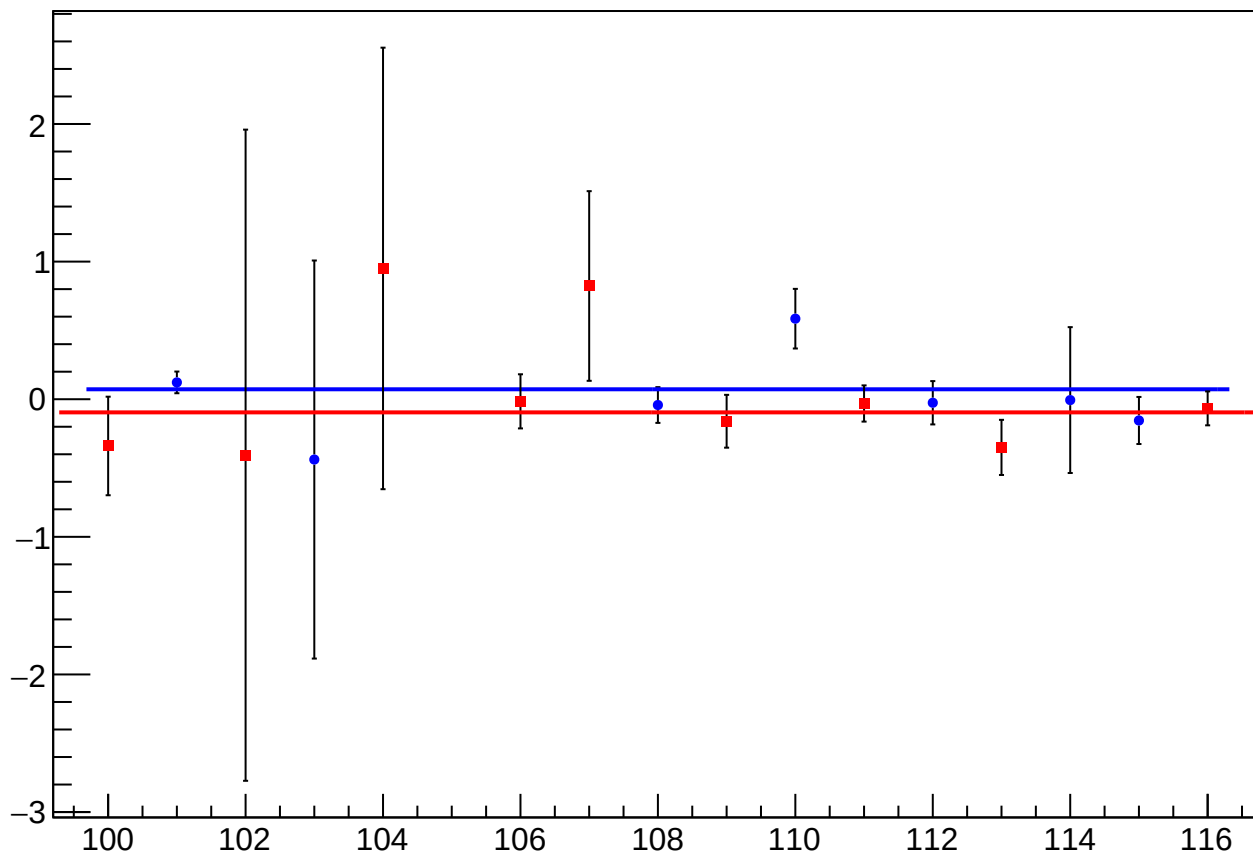
Right: 80.305+/-0.031 χ^2/NDF : 3738980.8/15

In: 72.804+/-0.040 χ^2/NDF : 1437143.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.305+/-0.031 χ^2/NDF : 3738980.8/15

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.072+/-0.056 χ^2/NDF : 9.1/6

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

Right Out: -0.096+/-0.069 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

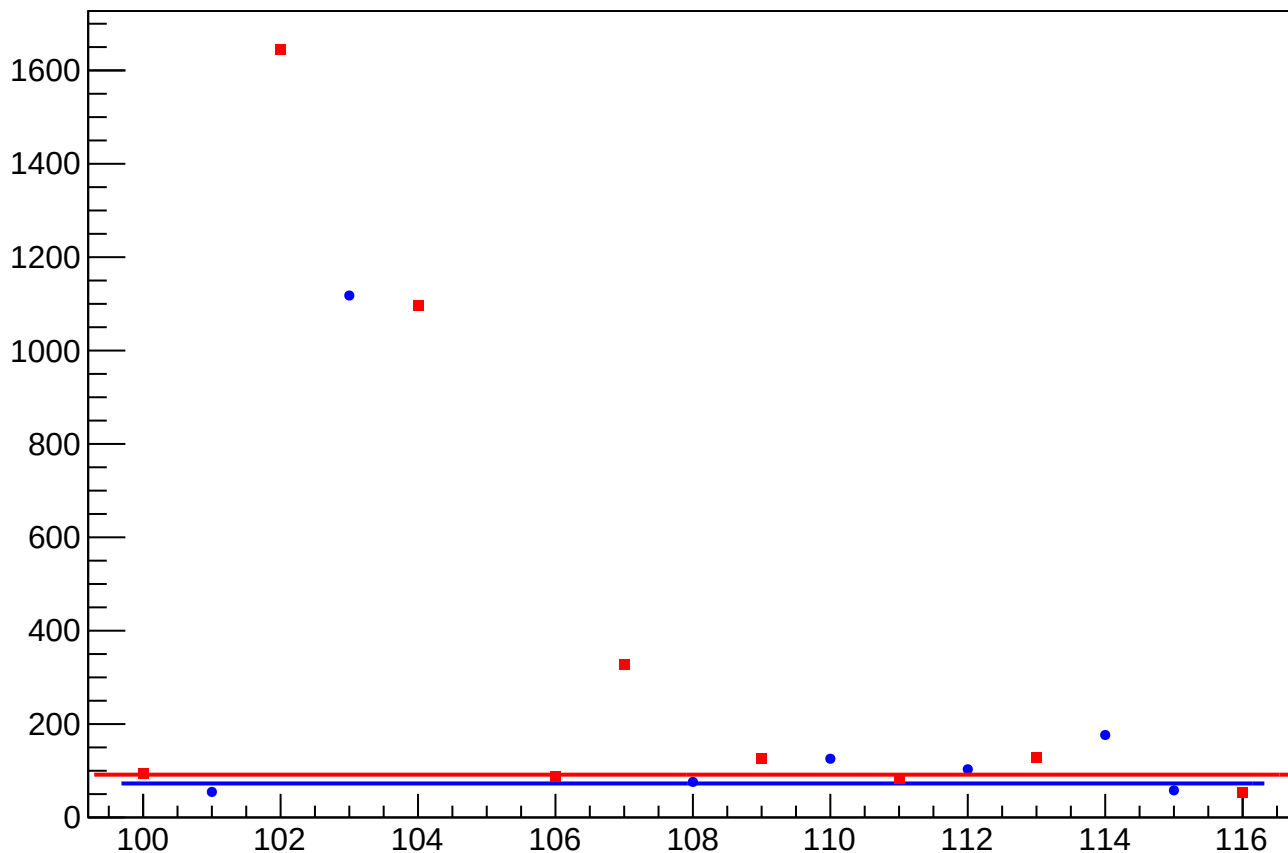
Right: 0.005+/-0.043 χ^2/NDF : 17.5/15

In: 0.072+/-0.056 χ^2/NDF :9.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.043 χ^2/NDF : 17.5/15

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.804+/-0.040 χ^2/NDF : 1437143.8/6

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

Right Out: 91.637+/-0.049 χ^2/NDF : 2211358.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

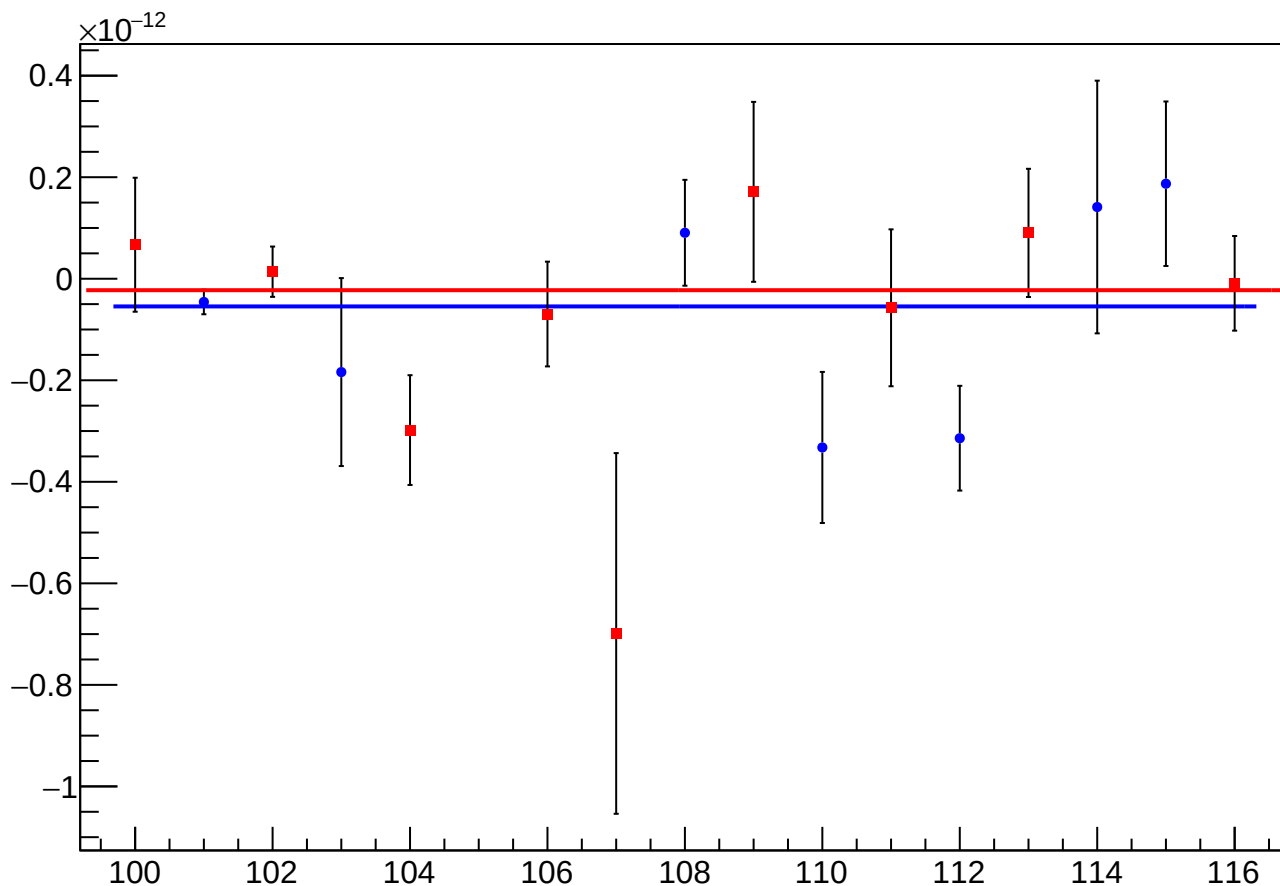
Right: 80.305+/-0.031 χ^2/NDF : 3738980.8/15

In: 72.804+/-0.040 χ^2/NDF : 1437143.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.305+/-0.031 χ^2/NDF : 3738980.8/15

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

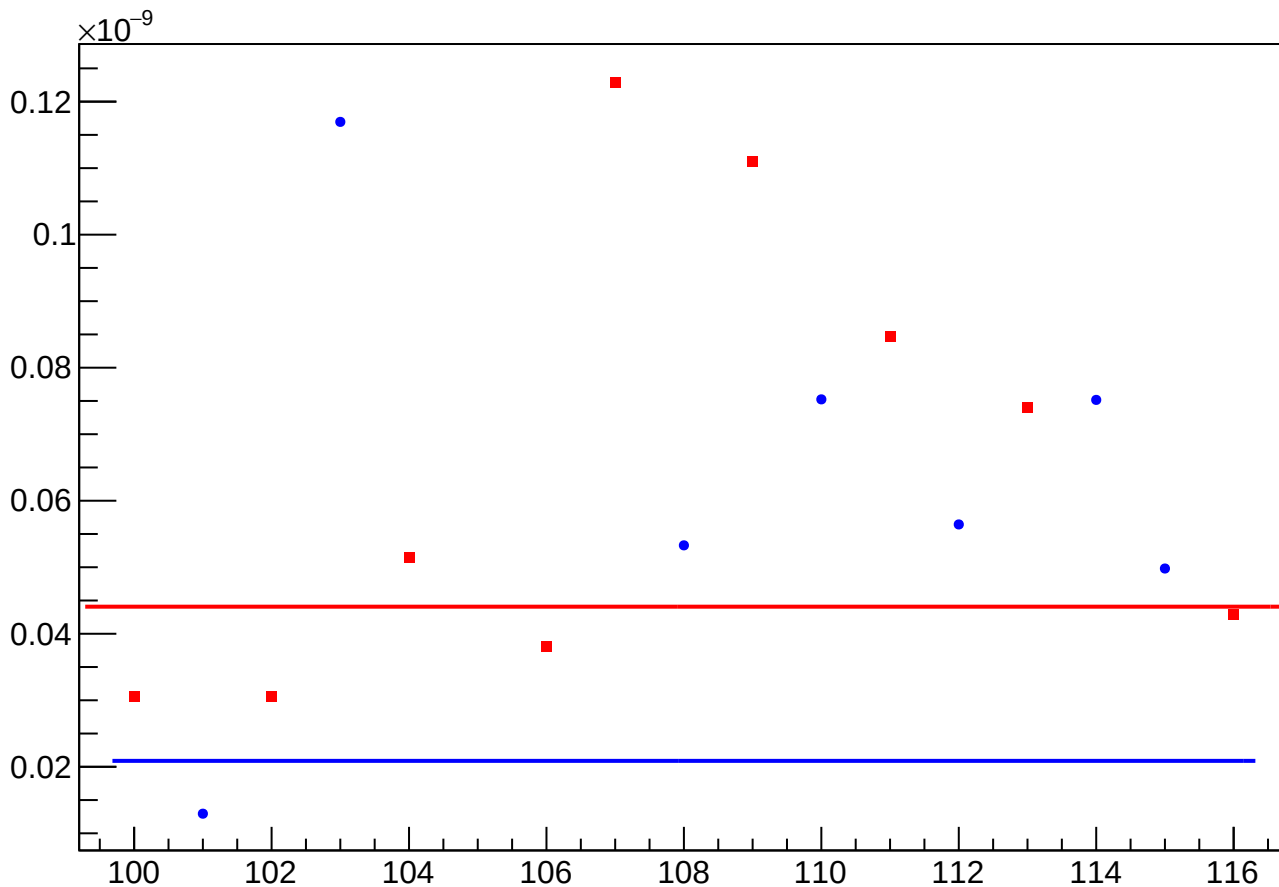
Right: -0.000+/-0.000 χ^2/NDF : 29.2/15

In: -0.000+/-0.000 χ^2/NDF : 15.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.2/15

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1609886.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 820021.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

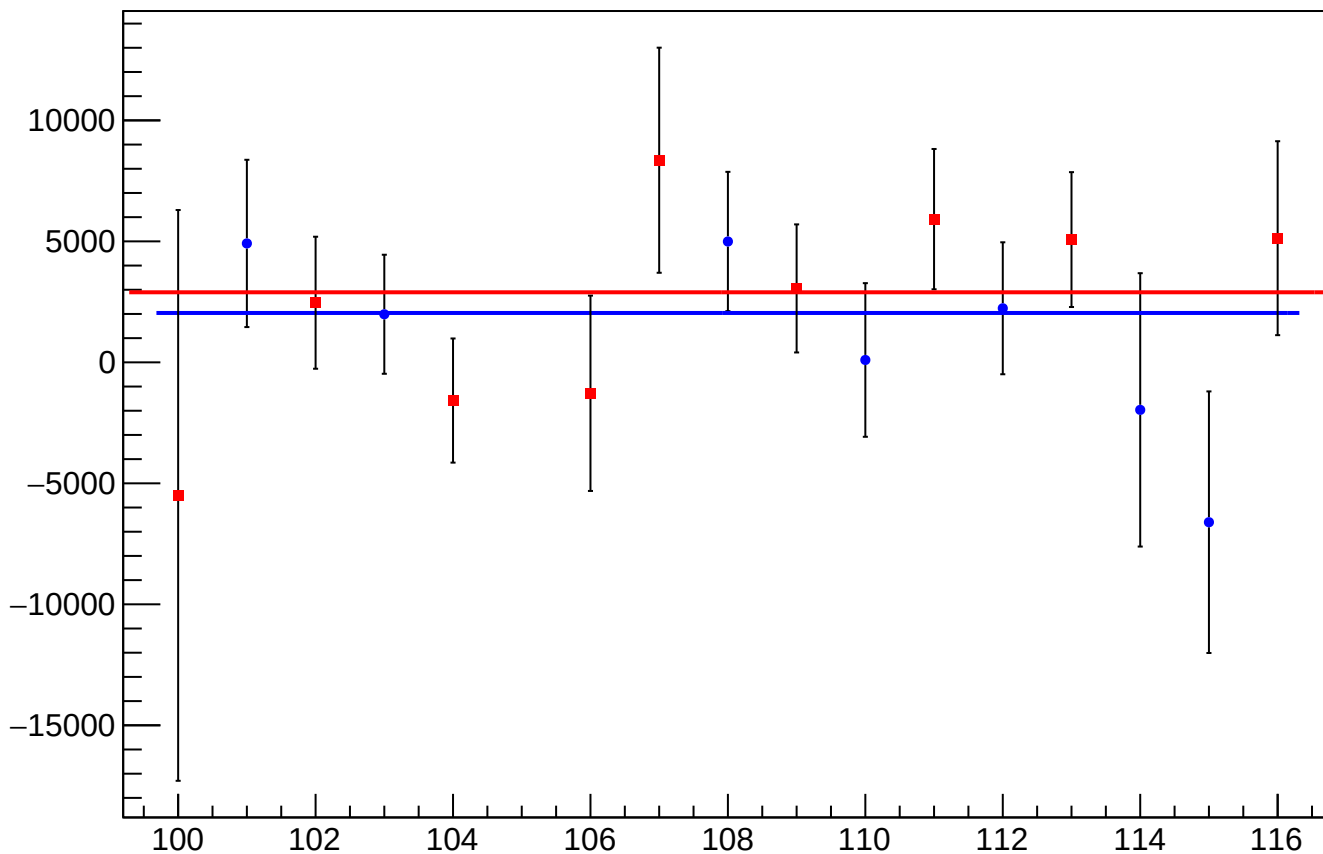
Right: 0.000+/-0.000 χ^2/NDF : 3101092.7/15

In: 0.000+/-0.000 χ^2/NDF : 1609886.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3101092.7/15

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2040.795+/-1222.720 χ^2/NDF : 5.2/6

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

Right Out: 2895.315+/-1082.206 χ^2/NDF : 8.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

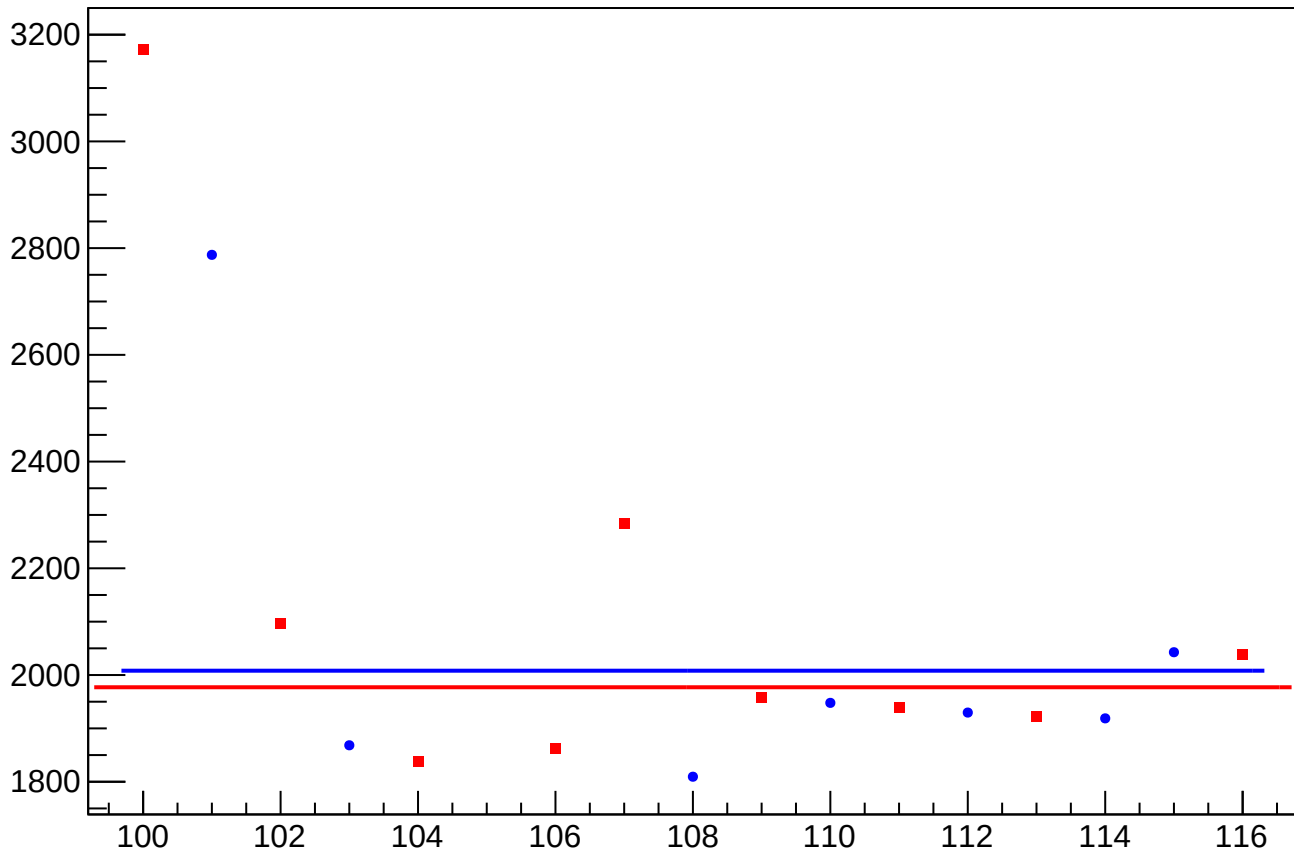
Right: 2519.956+/-810.381 χ^2/NDF : 13.5/15

In: 2040.795+/-1222.720 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2519.956+/-810.381 χ^2/NDF : 13.5/15

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2008.108+/-0.865 χ^2/NDF : 120587.1/6

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

Right Out: 1977.079+/-0.765 χ^2/NDF : 42241.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

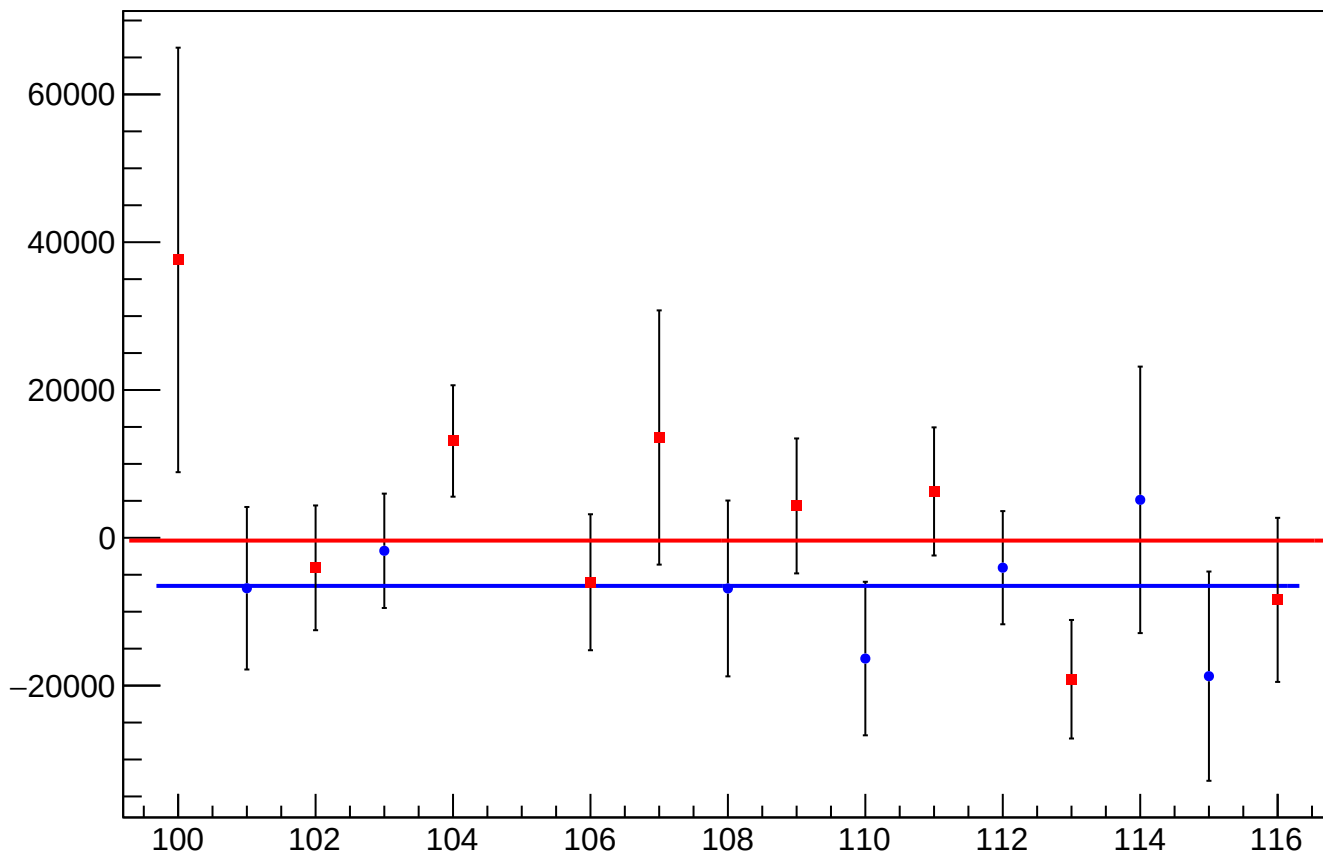
Right: 1990.709+/-0.573 χ^2/NDF : 163551.0/15

In: 2008.108+/-0.865 χ^2/NDF : 120587.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.709+/-0.573 χ^2/NDF : 163551.0/15

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6508.186+/-3880.009 χ^2/NDF : 2.5/6

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

Right Out: -376.491+/-3210.992 χ^2/NDF : 13.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

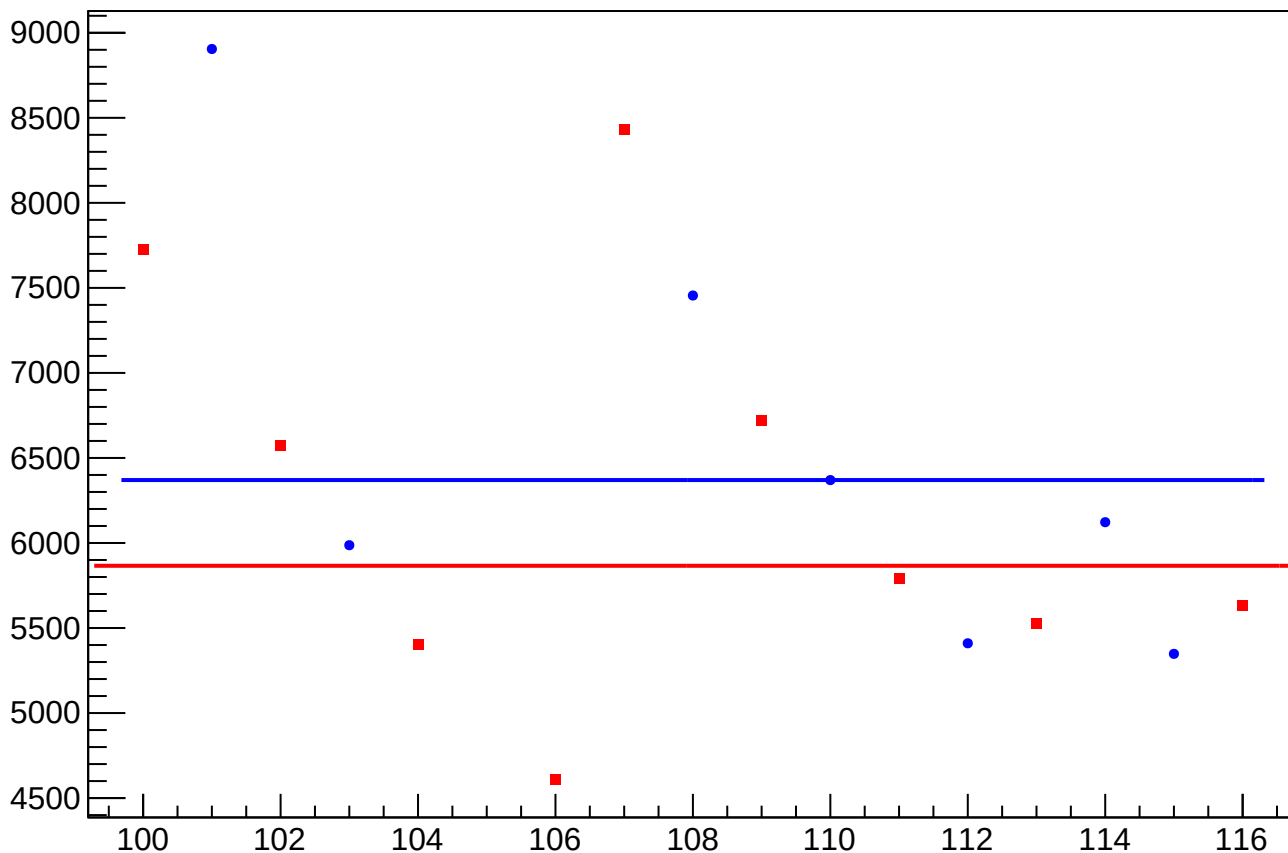
Right: -2868.934+/-2473.746 χ^2/NDF : 17.0/15

In: -6508.186+/-3880.009 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2868.934+/-2473.746 χ^2/NDF : 17.0/15

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6370.076+/-2.744 χ^2/NDF : 170035.8/6

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

Right Out: 5865.968+/-2.271 χ^2/NDF : 134100.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

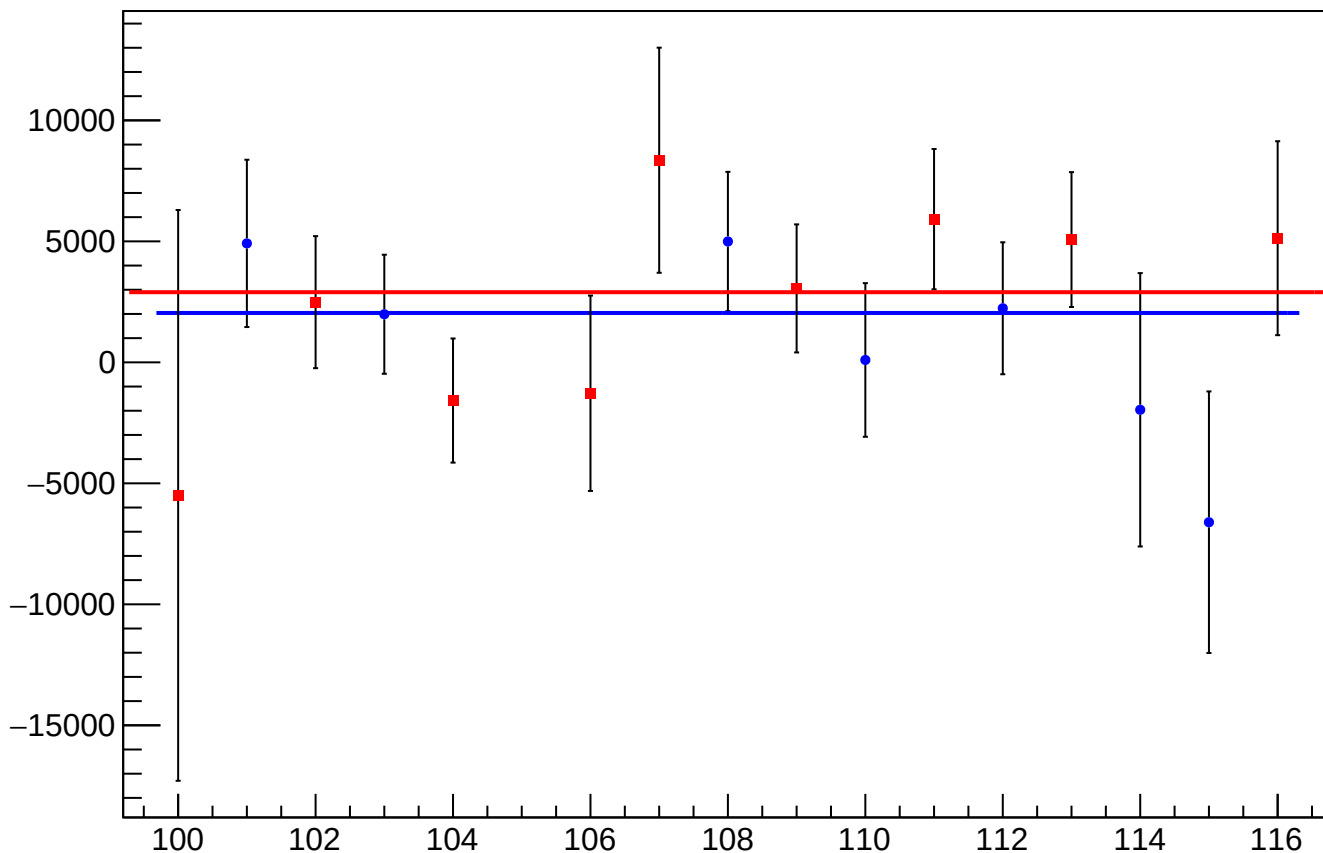
Right: 6070.880+/-1.749 χ^2/NDF : 324173.6/15

In: 6370.076+/-2.744 χ^2/NDF : 170035.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6070.880+/-1.749 χ^2/NDF : 324173.6/15

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2041.124+/-1222.720 χ^2/NDF : 5.2/6

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

Right Out: 2899.107+/-1082.228 χ^2/NDF : 8.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

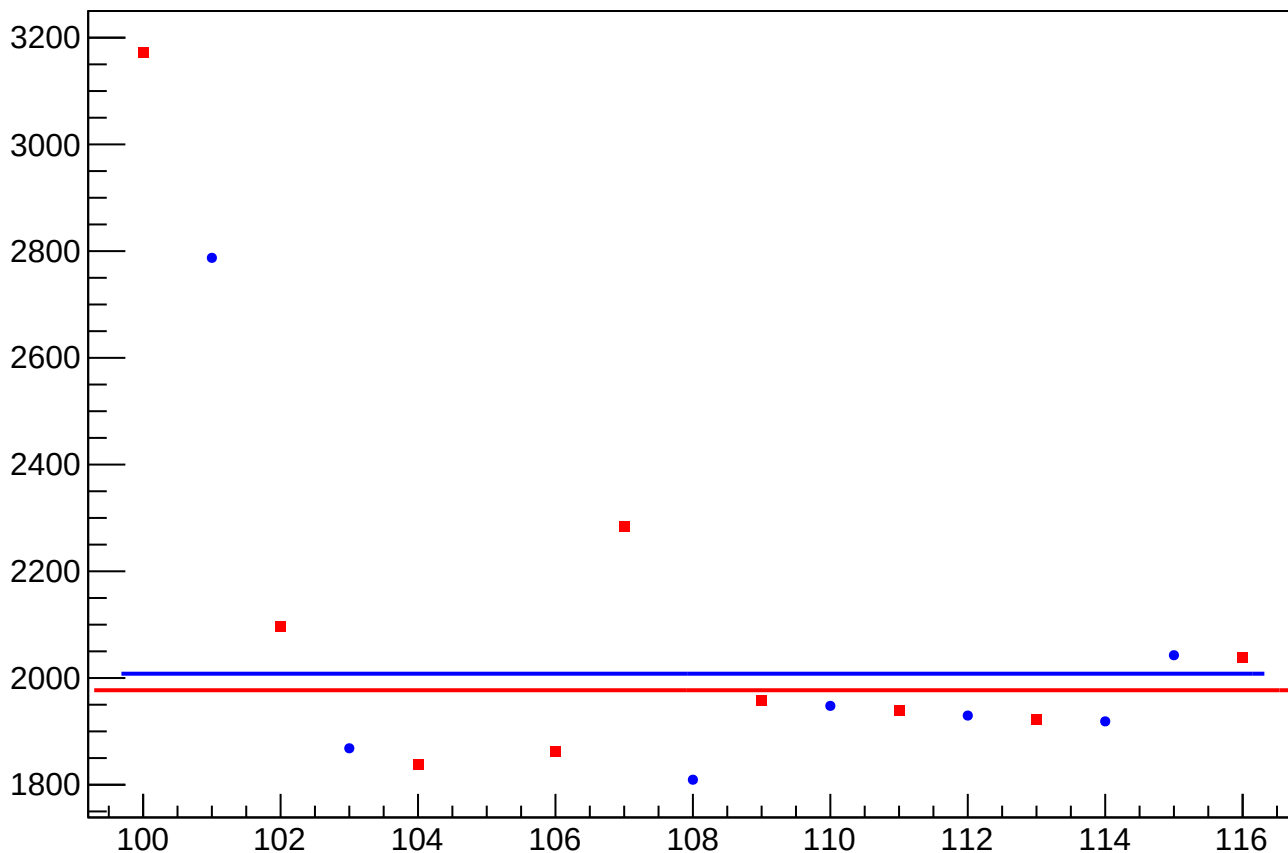
Right: 2522.218+/-810.391 χ^2/NDF : 13.5/15

In: 2041.124+/-1222.720 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.218+/-810.391 χ^2/NDF : 13.5/15

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2008.107 $\pm$ 0.865 χ^2 /NDF: 120586.9/6

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

Right Out: 1977.121 $\pm$ 0.765 χ^2 /NDF: 42259.9/8

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

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

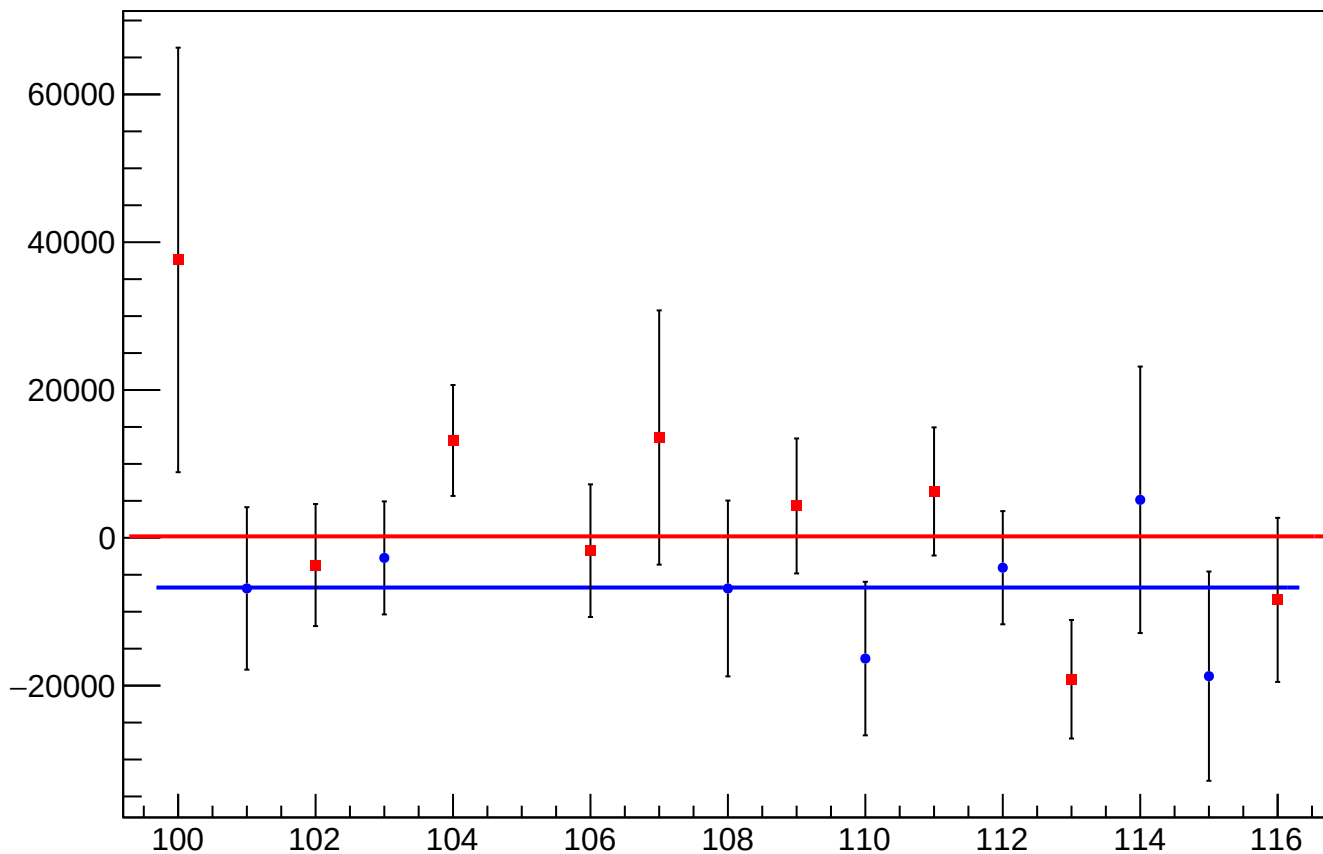
Right: 1990.733 $\pm$ 0.573 χ^2 /NDF: 163567.0/15

In: 2008.107 $\pm$ 0.865 χ^2 /NDF: 120586.9/6

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

All: 1990.733 $\pm$ 0.573 χ^2 /NDF: 163567.0/15

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -6727.773+/-3868.428 χ^2/NDF : 2.4/6

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

Right Out: 195.462+/-3188.336 χ^2/NDF : 12.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

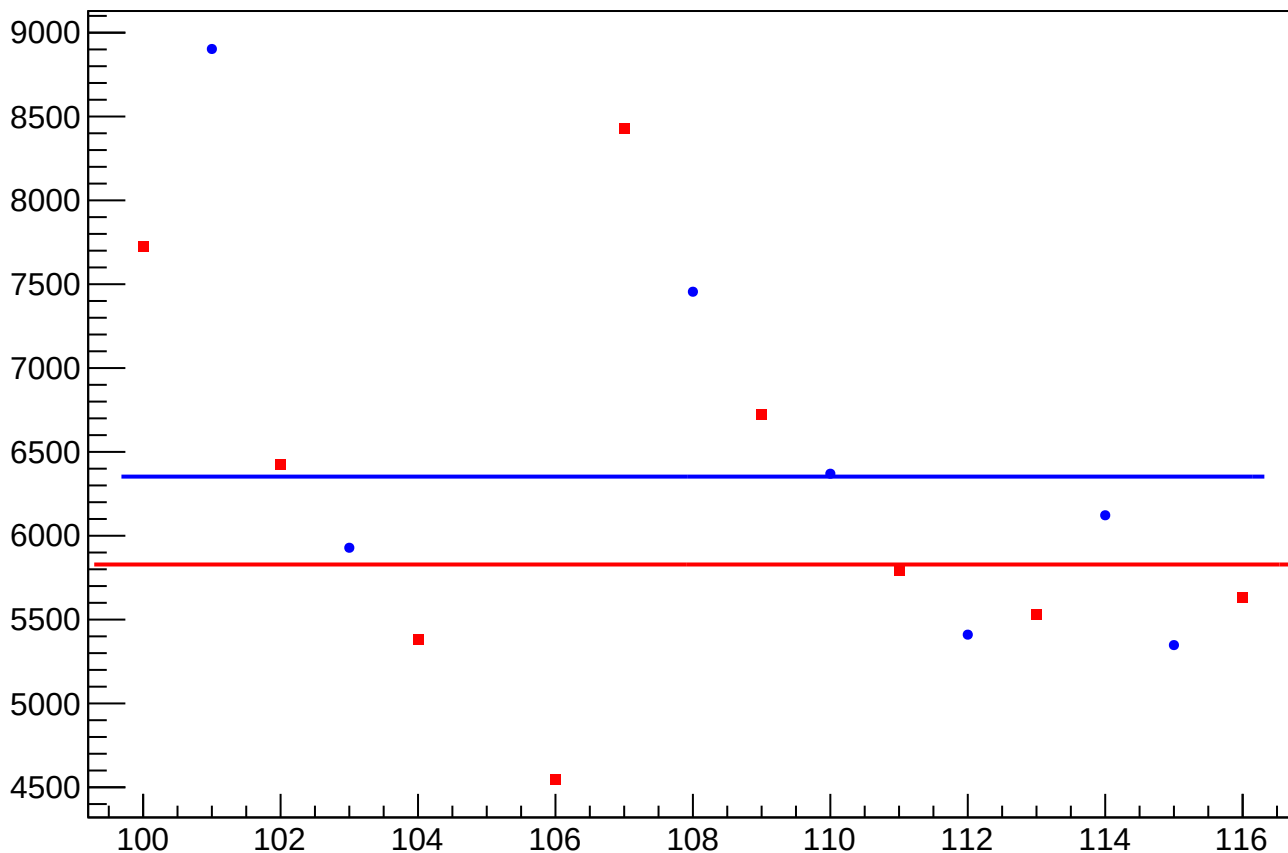
Right: -2605.072+/-2460.370 χ^2/NDF : 17.0/15

In: -6727.773+/-3868.428 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2605.072+/-2460.370 χ^2/NDF : 17.0/15

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6352.714+/-2.735 χ^2/NDF : 171645.1/6

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

Right Out: 5828.554+/-2.254 χ^2/NDF : 135637.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

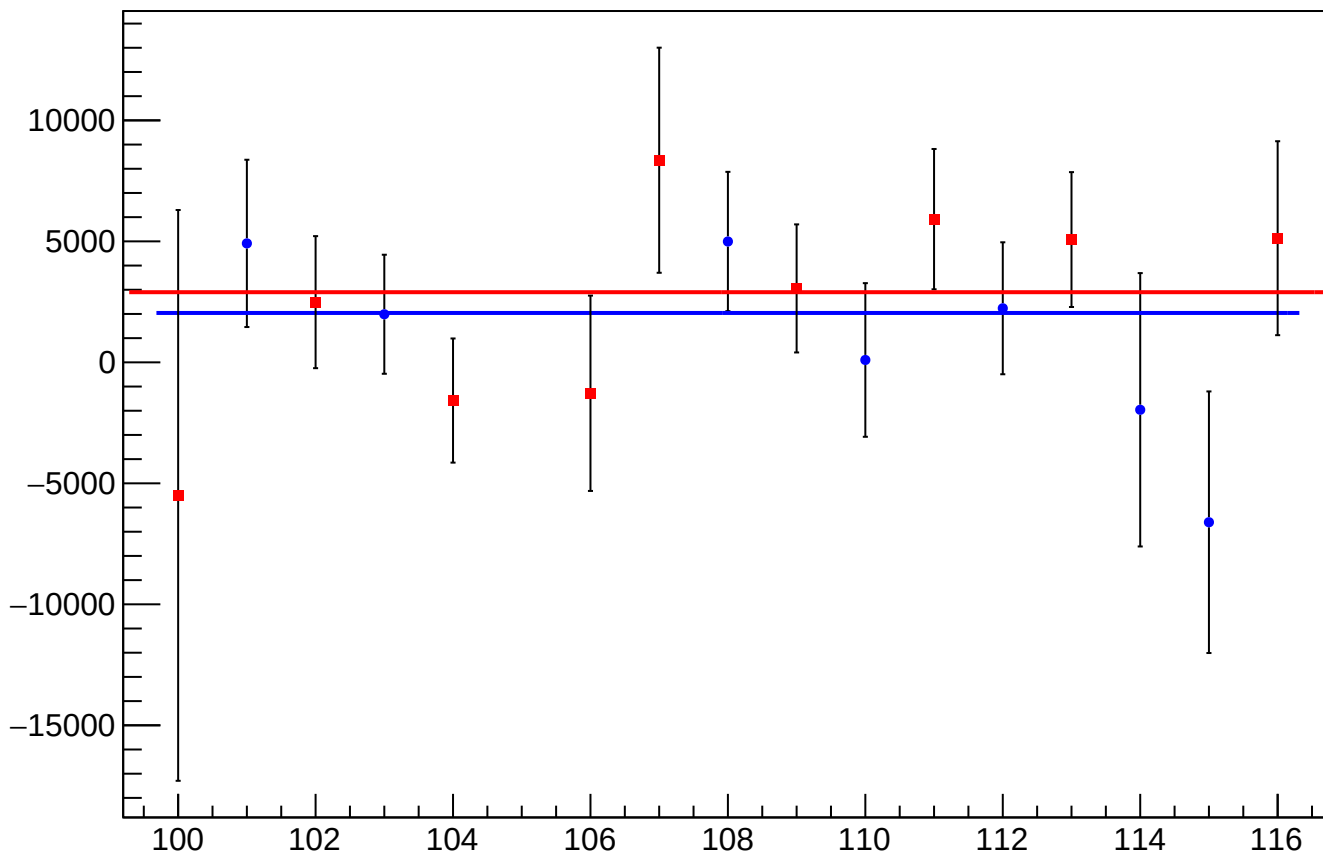
Right: 6040.583+/-1.740 χ^2/NDF : 329148.0/15

In: 6352.714+/-2.735 χ^2/NDF : 171645.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6040.583+/-1.740 χ^2/NDF : 329148.0/15

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2041.124+/-1222.720 χ^2/NDF : 5.2/6

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

Right Out: 2899.107+/-1082.228 χ^2/NDF : 8.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

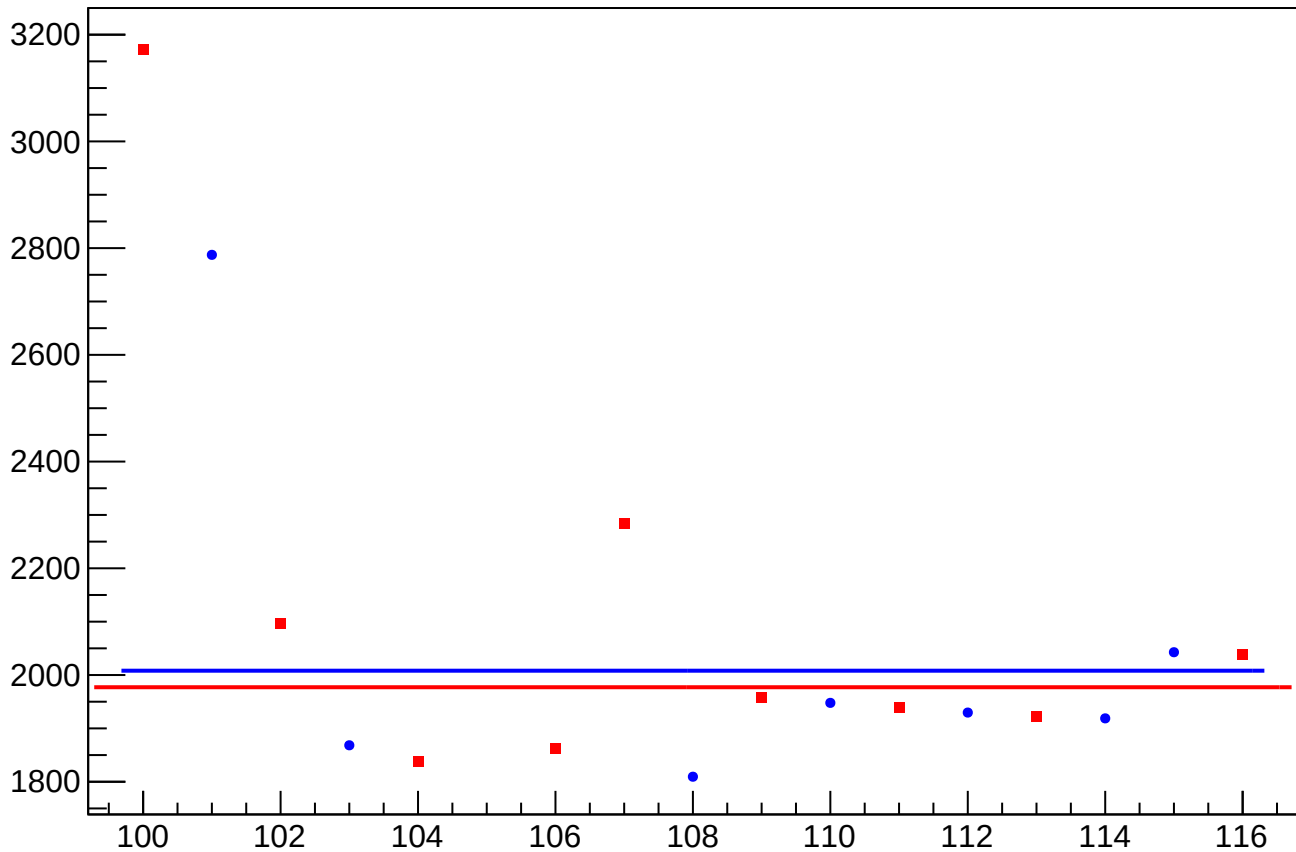
Right: 2522.218+/-810.391 χ^2/NDF : 13.5/15

In: 2041.124+/-1222.720 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.218+/-810.391 χ^2/NDF : 13.5/15

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2008.107+/-0.865 χ^2/NDF : 120586.9/6

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

Right Out: 1977.121+/-0.765 χ^2/NDF : 42259.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

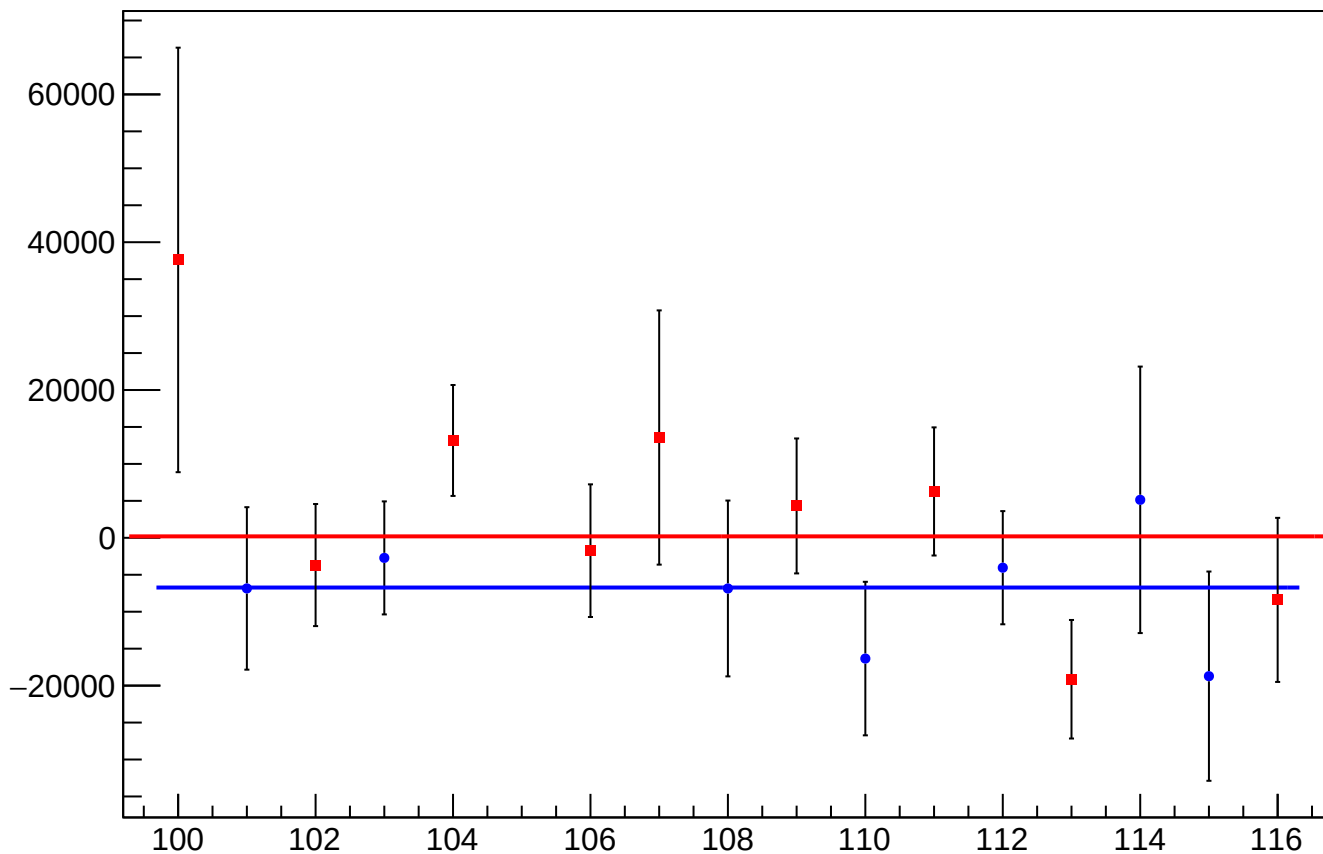
Right: 1990.733+/-0.573 χ^2/NDF : 163567.0/15

In: 2008.107+/-0.865 χ^2/NDF : 120586.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.733+/-0.573 χ^2/NDF : 163567.0/15

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6727.773+/-3868.428 χ^2/NDF : 2.4/6

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

Right Out: 195.462+/-3188.336 χ^2/NDF : 12.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

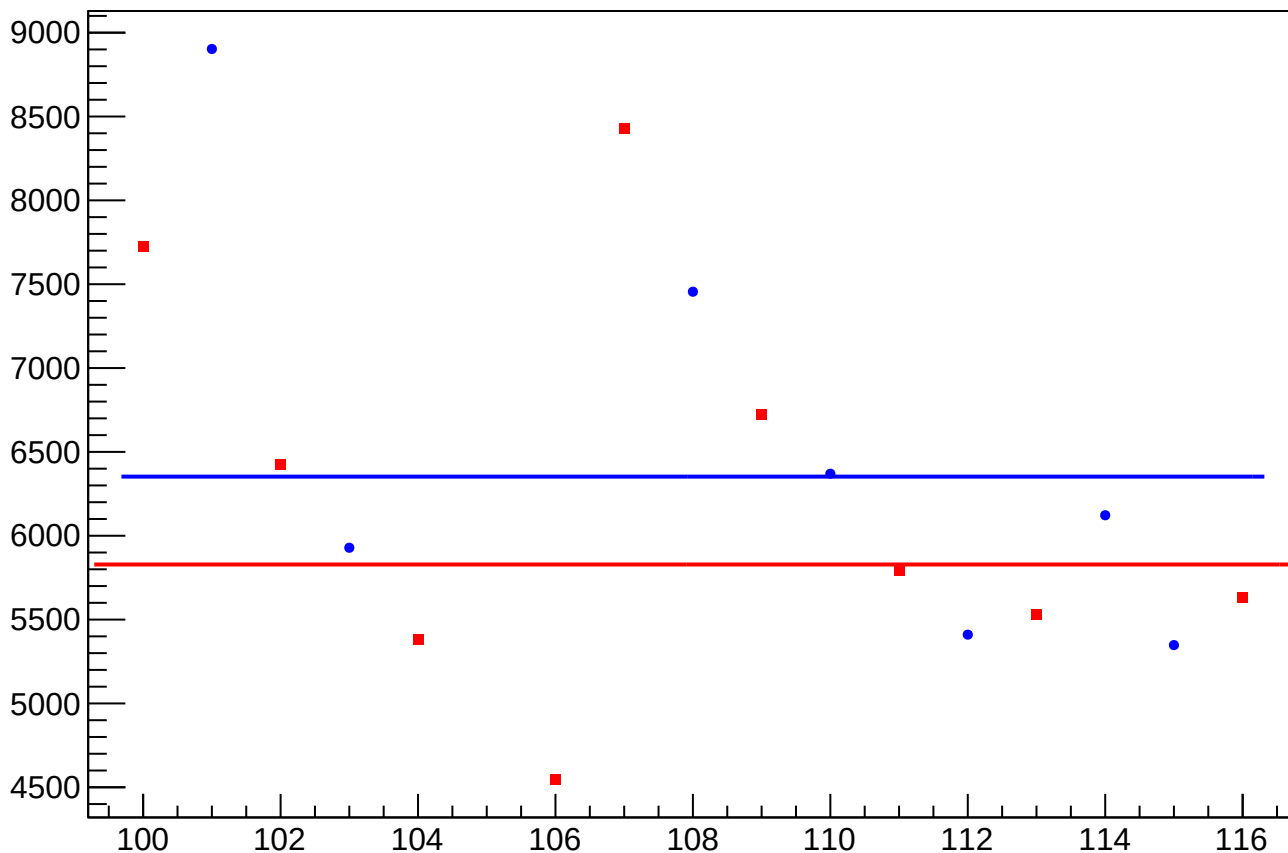
Right: -2605.072+/-2460.370 χ^2/NDF : 17.0/15

In: -6727.773+/-3868.428 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2605.072+/-2460.370 χ^2/NDF : 17.0/15

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6352.714+/-2.735 χ^2/NDF : 171645.1/6

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

Right Out: 5828.554+/-2.254 χ^2/NDF : 135637.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

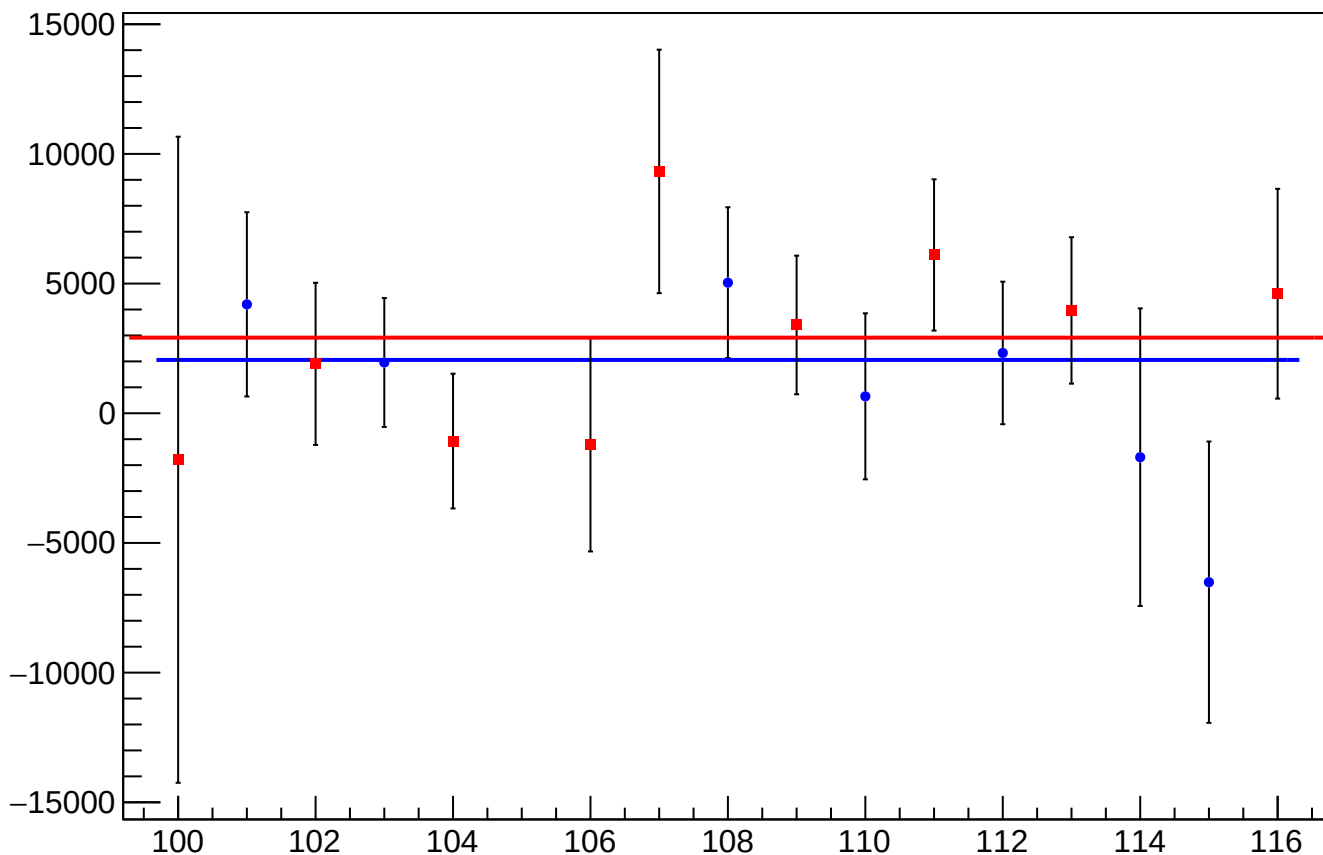
Right: 6040.583+/-1.740 χ^2/NDF : 329148.0/15

In: 6352.714+/-2.735 χ^2/NDF : 171645.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6040.583+/-1.740 χ^2/NDF : 329148.0/15

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2056.318+/-1236.683 χ^2/NDF : 4.5/6

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

Right Out: 2915.200+/-1113.935 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

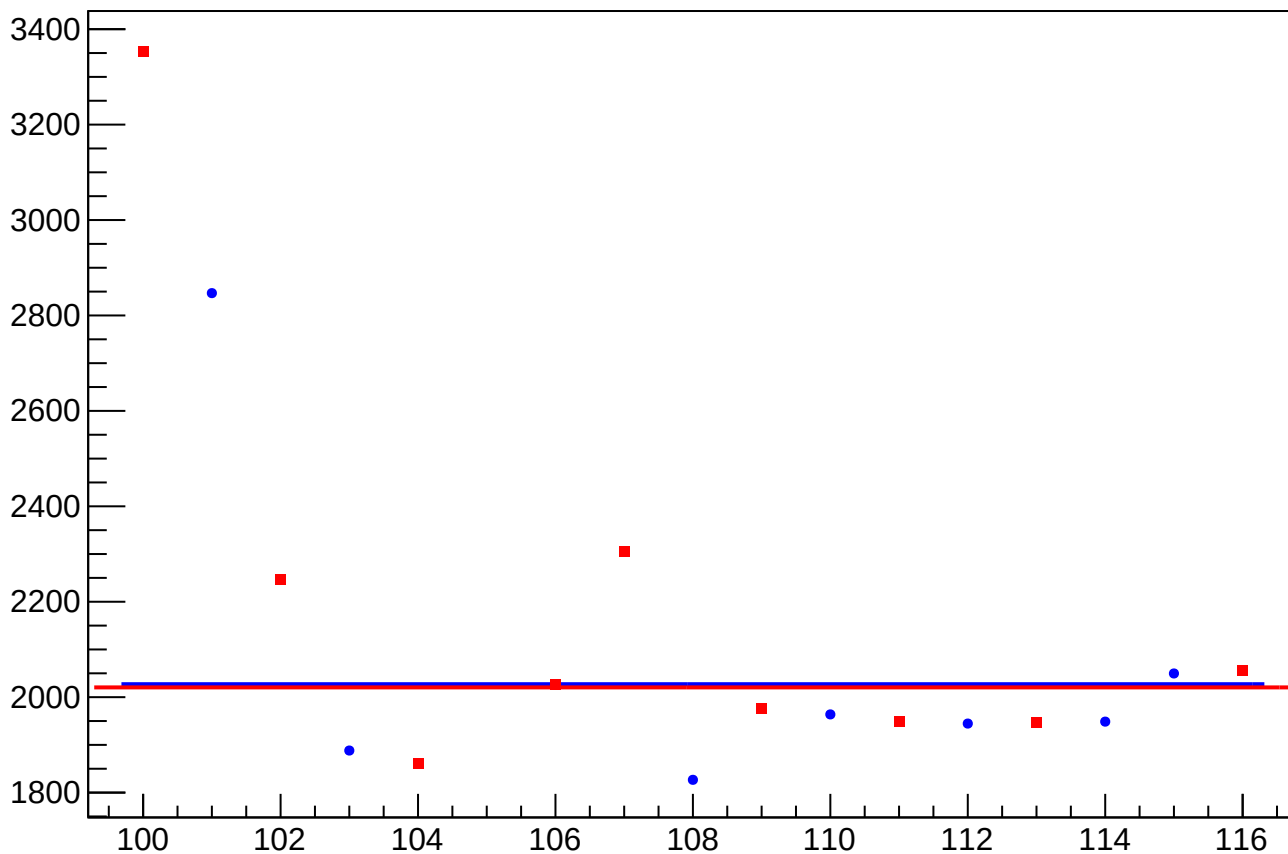
Right: 2530.487+/-827.675 χ^2/NDF : 11.8/15

In: 2056.318+/-1236.683 χ^2/NDF :4.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2530.487+/-827.675 χ^2/NDF : 11.8/15

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2027.191+/-0.874 χ^2/NDF : 125233.4/6

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

Right Out: 2020.470+/-0.785 χ^2/NDF : 51522.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

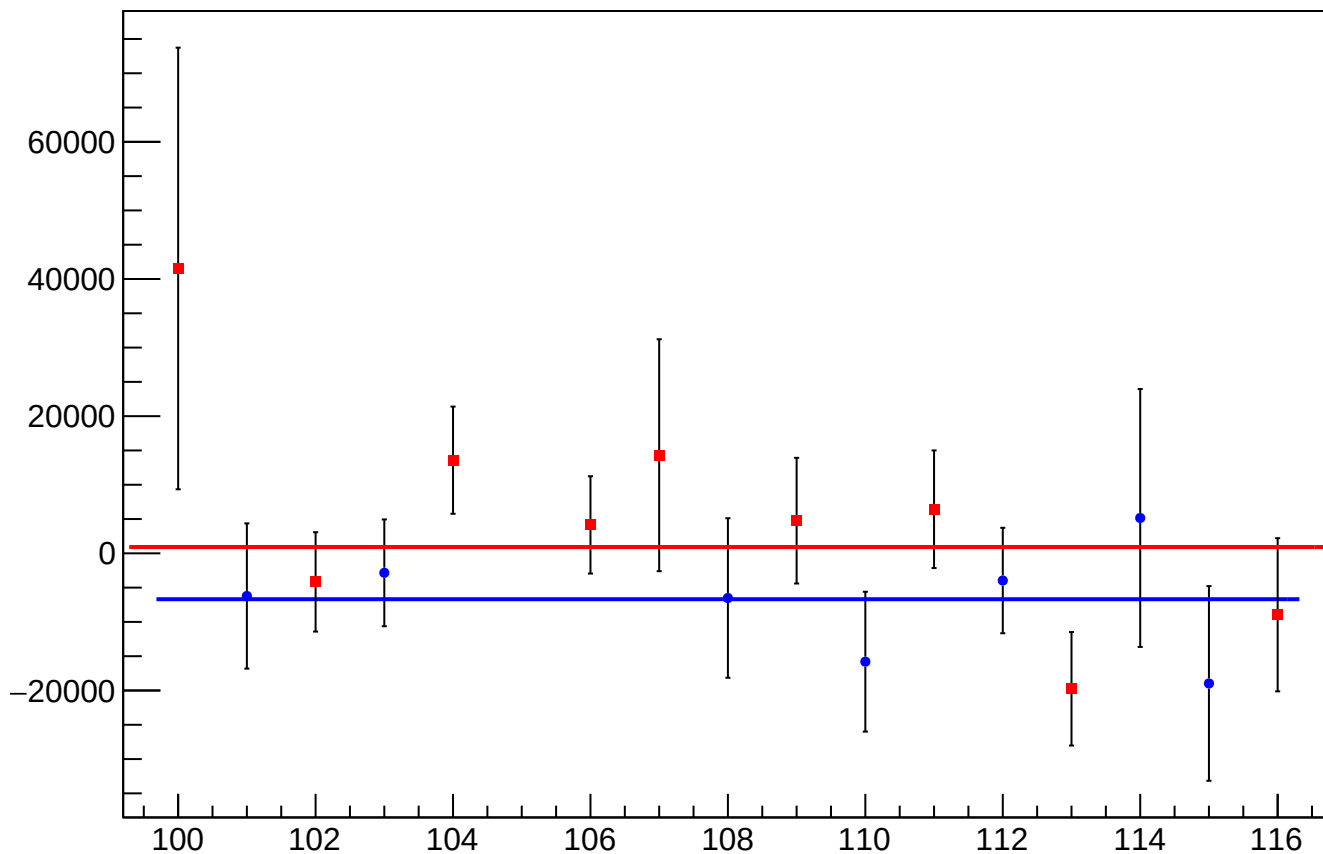
Right: 2023.470+/-0.584 χ^2/NDF : 176788.3/15

In: 2027.191+/-0.874 χ^2/NDF : 125233.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2023.470+/-0.584 χ^2/NDF : 176788.3/15

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -6691.512+/-3859.813 χ^2/NDF : 2.3/6

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

Right Out: 919.286+/-3044.333 χ^2/NDF : 13.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

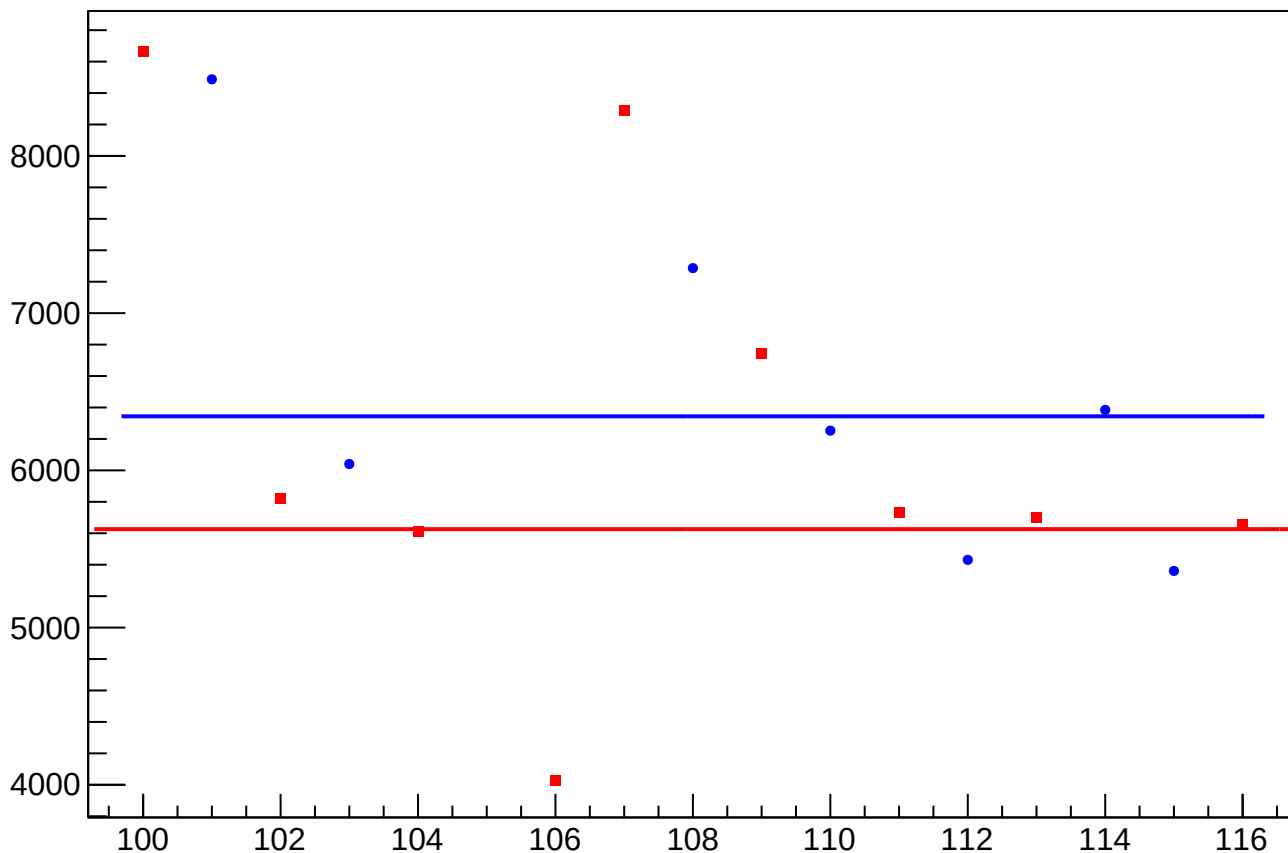
Right: -1999.535+/-2390.314 χ^2/NDF : 17.9/15

In: -6691.512+/-3859.813 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1999.535+/-2390.314 χ^2/NDF : 17.9/15

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6343.990+/-2.729 χ^2/NDF : 136116.7/6

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

Right Out: 5626.164+/-2.153 χ^2/NDF : 200309.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

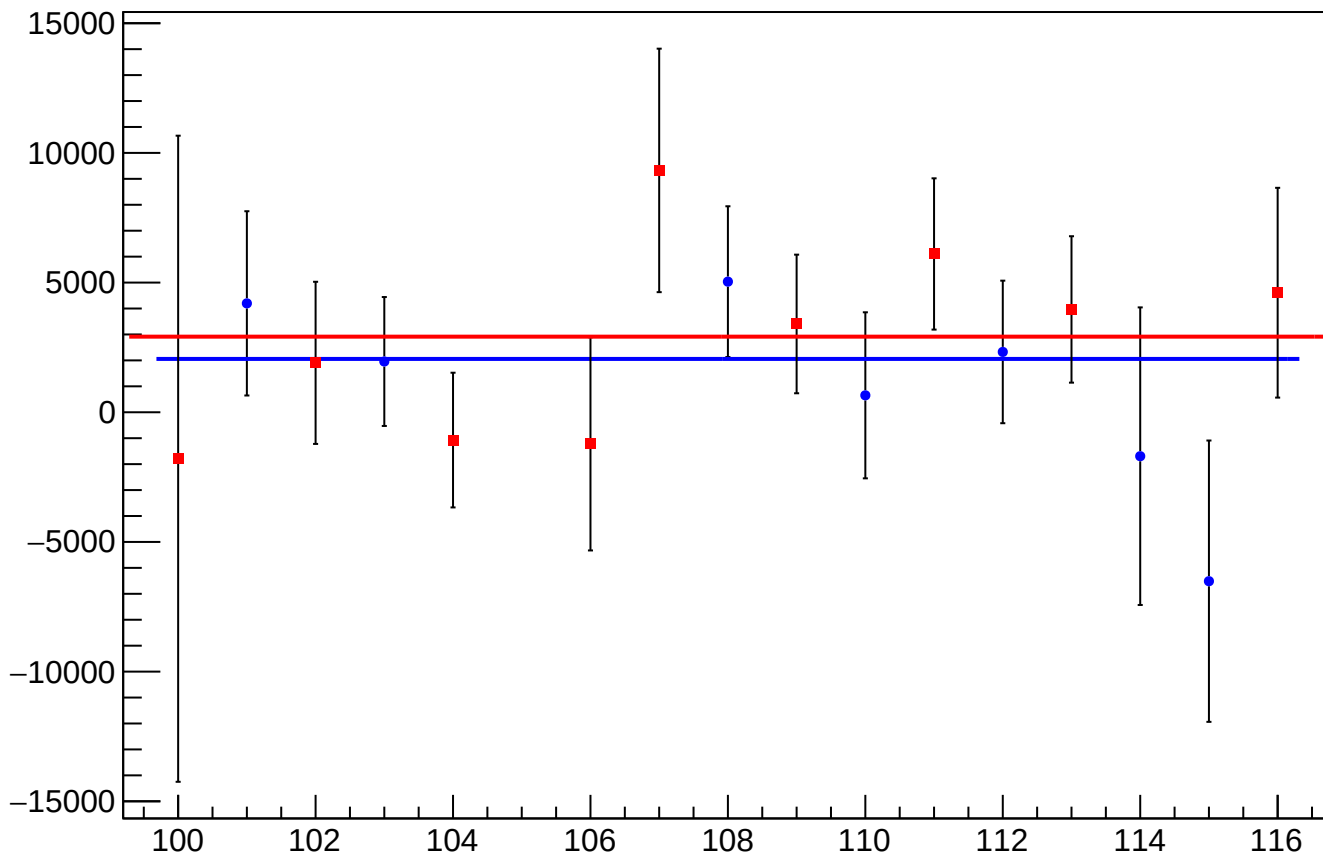
Right: 5901.458+/-1.690 χ^2/NDF : 379070.4/15

In: 6343.990+/-2.729 χ^2/NDF : 136116.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5901.458+/-1.690 χ^2/NDF : 379070.4/15

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2056.338+/-1236.683 χ^2/NDF : 4.5/6

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

Right Out: 2915.216+/-1113.935 χ^2/NDF : 7.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

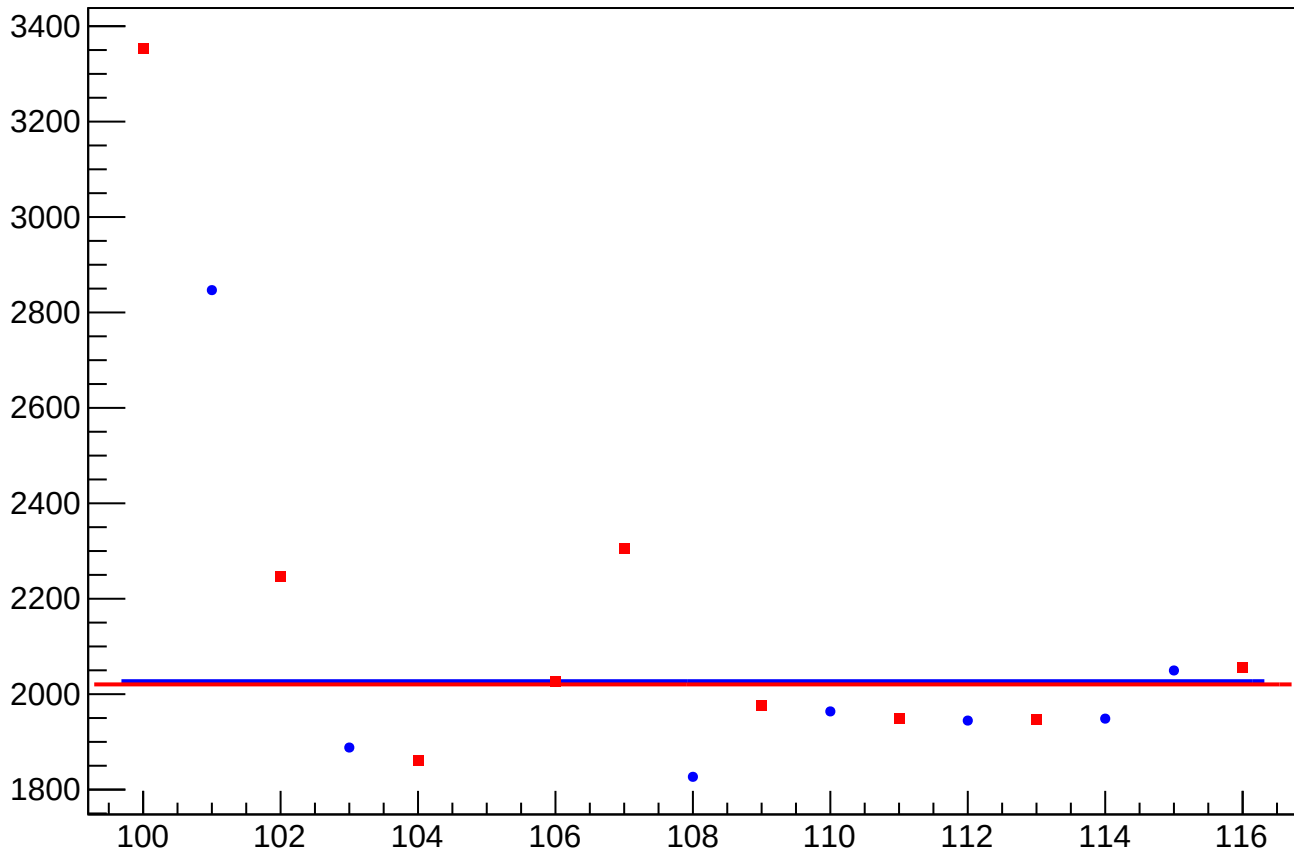
Right: 2530.505+/-827.675 χ^2/NDF : 11.8/15

In: 2056.338+/-1236.683 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2530.505+/-827.675 χ^2/NDF : 11.8/15

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2027.191+/-0.874 χ^2/NDF : 125233.0/6

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

Right Out: 2020.470+/-0.785 χ^2/NDF : 51522.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

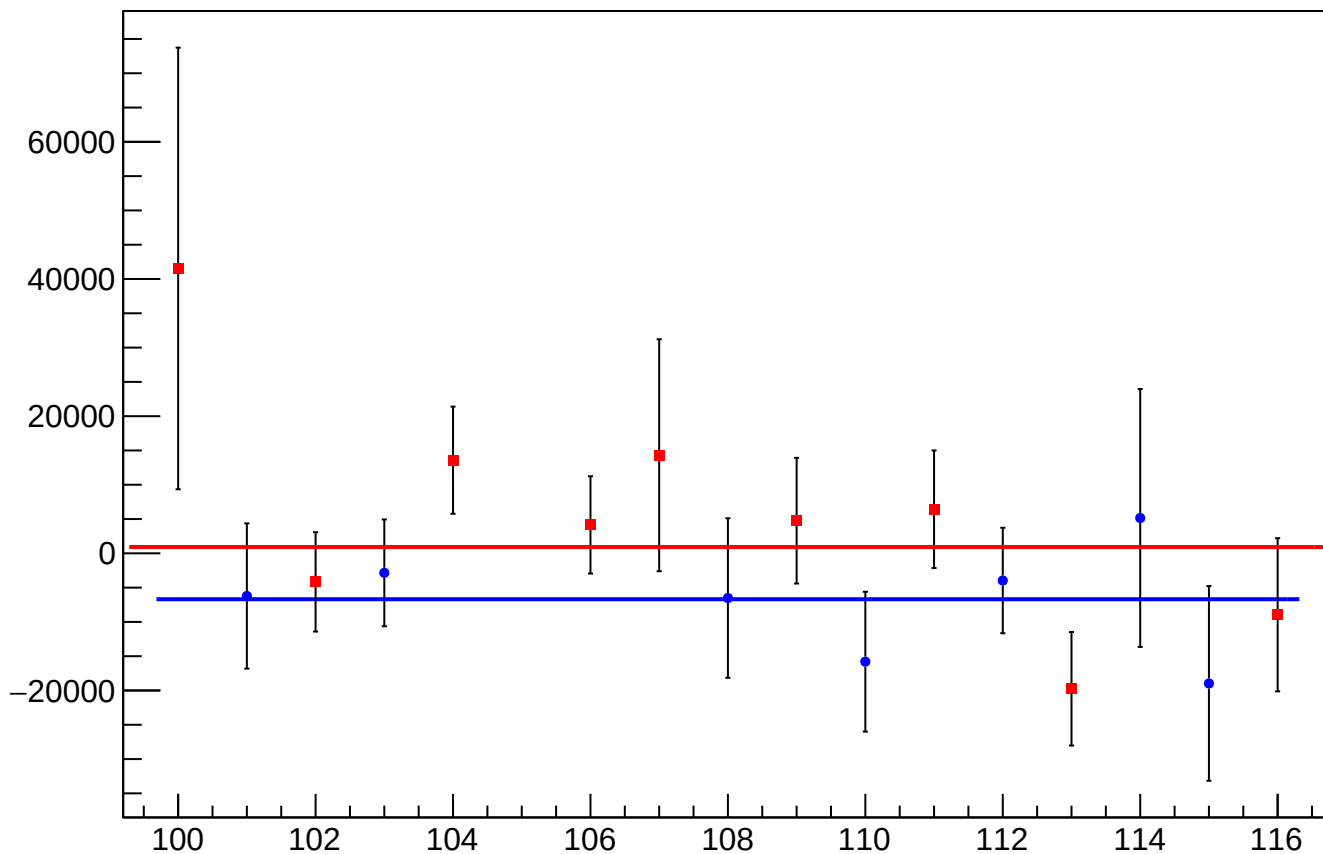
Right: 2023.470+/-0.584 χ^2/NDF : 176787.9/15

In: 2027.191+/-0.874 χ^2/NDF : 125233.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2023.470+/-0.584 χ^2/NDF : 176787.9/15

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6691.501+/-3859.804 χ^2/NDF : 2.3/6

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

Right Out: 919.286+/-3044.326 χ^2/NDF : 13.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

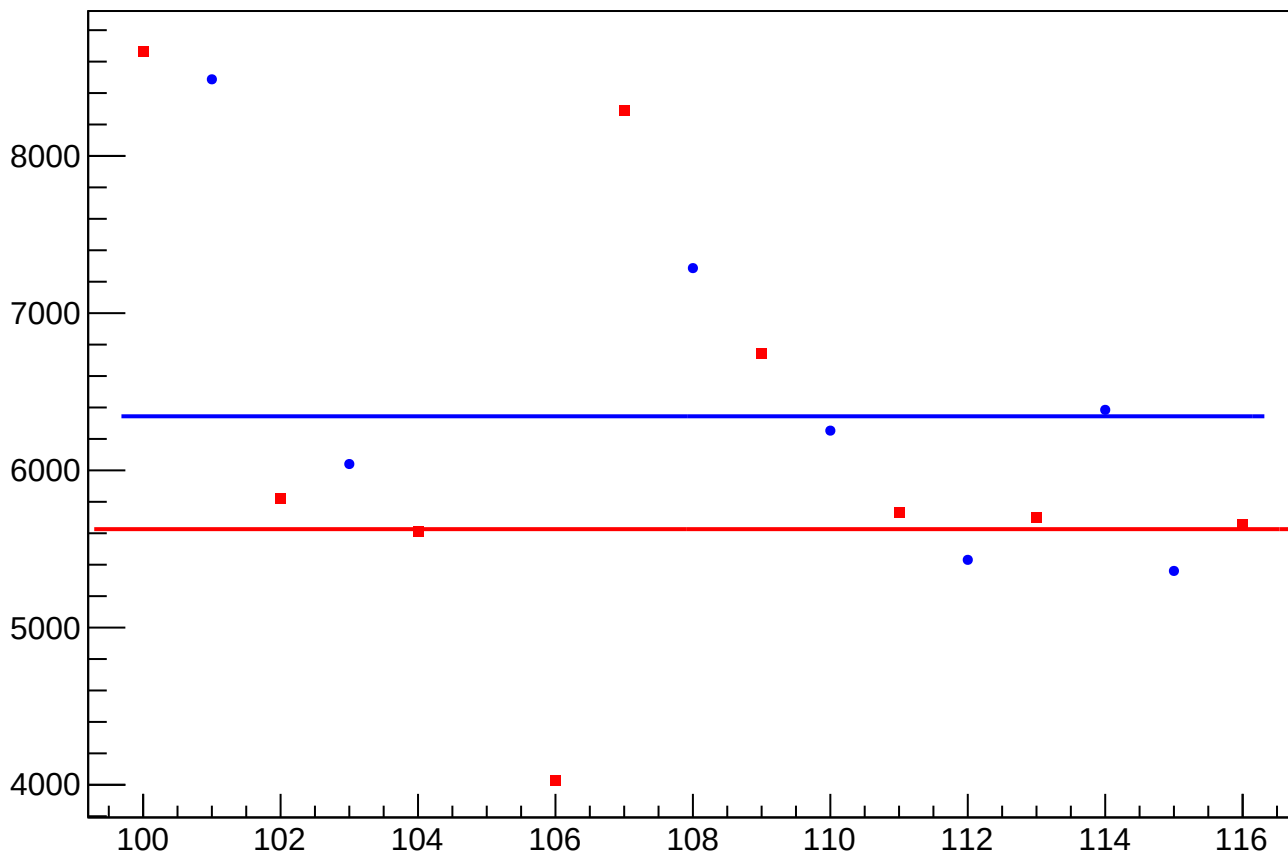
Right: -1999.532+/-2390.308 χ^2/NDF : 17.9/15

In: -6691.501+/-3859.804 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1999.532+/-2390.308 χ^2/NDF : 17.9/15

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6343.975+/-2.729 χ^2/NDF : 136117.4/6

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

Right Out: 5626.151+/-2.153 χ^2/NDF : 200310.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

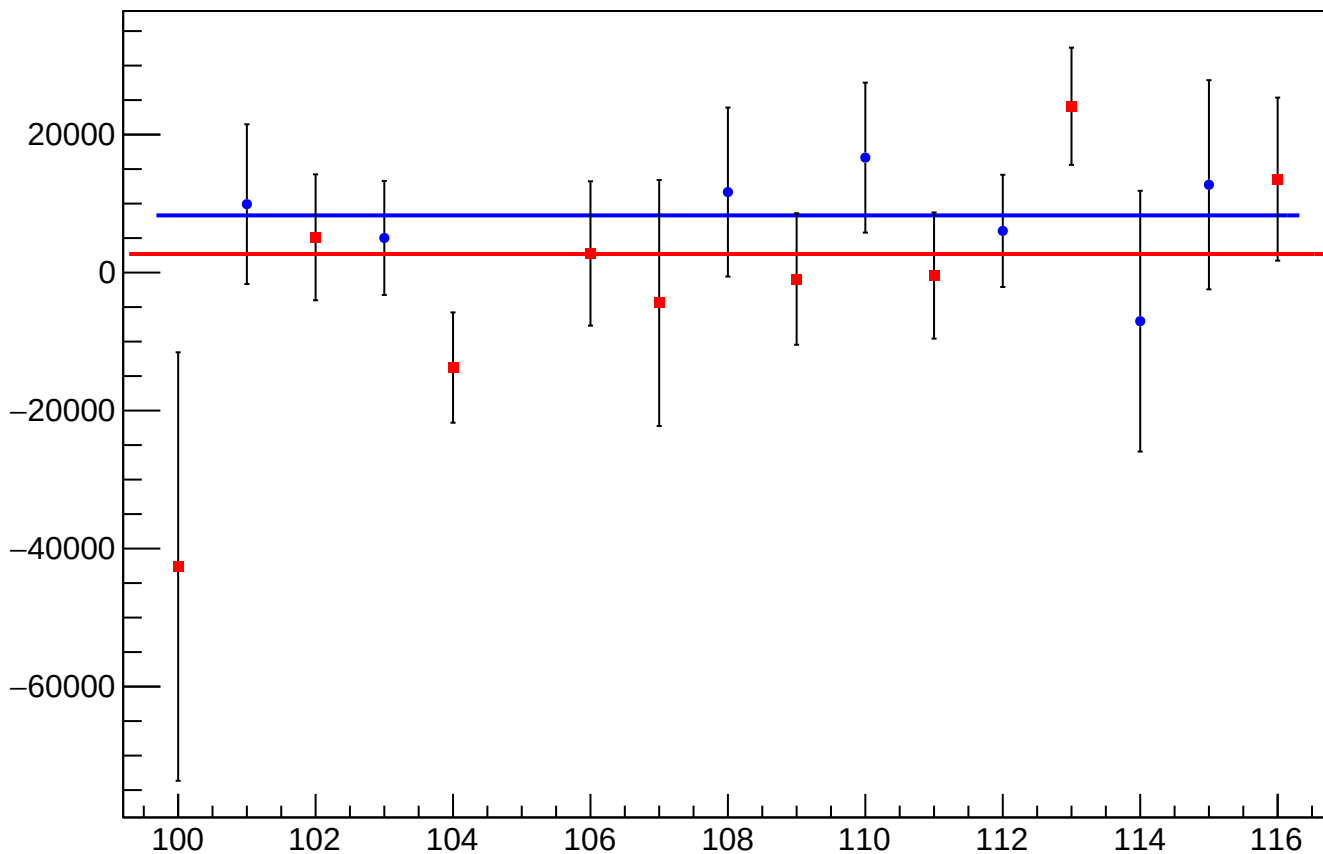
Right: 5901.444+/-1.690 χ^2/NDF : 379072.0/15

In: 6343.975+/-2.729 χ^2/NDF : 136117.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5901.444+/-1.690 χ^2/NDF : 379072.0/15

asym_atl2_mean vs Slug, Sign Corrected



Right In: 8290.562 $\pm$ 4098.501 χ^2 /NDF: 1.7/6

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

Right Out: 2694.247 $\pm$ 3430.074 χ^2 /NDF: 14.1/8

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

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

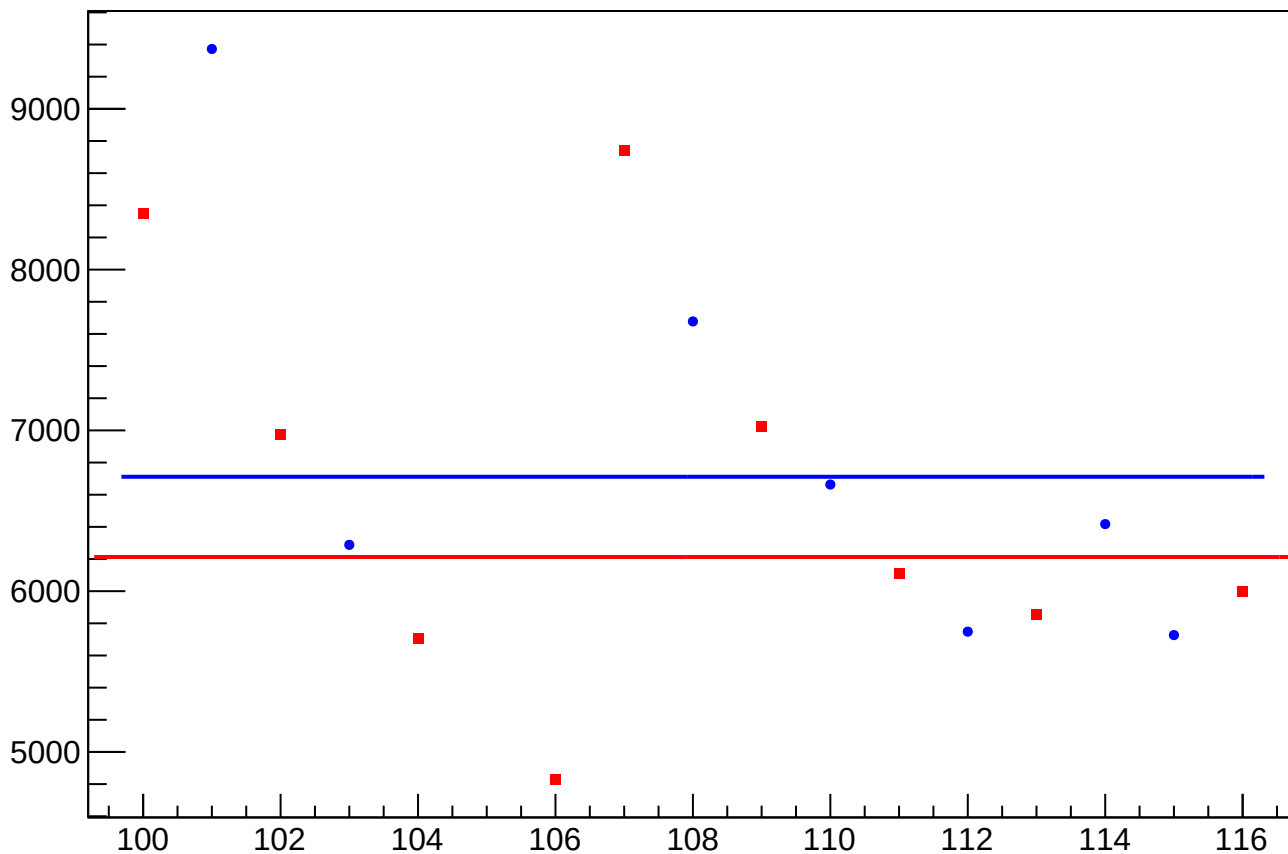
Right: 4999.419 $\pm$ 2630.424 χ^2 /NDF: 16.8/15

In: 8290.562 $\pm$ 4098.501 χ^2 /NDF:1.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4999.419 $\pm$ 2630.424 χ^2 /NDF: 16.8/15

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6711.530+/-2.898 χ^2/NDF : 160329.3/6

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

Right Out: 6212.459+/-2.425 χ^2/NDF : 125657.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

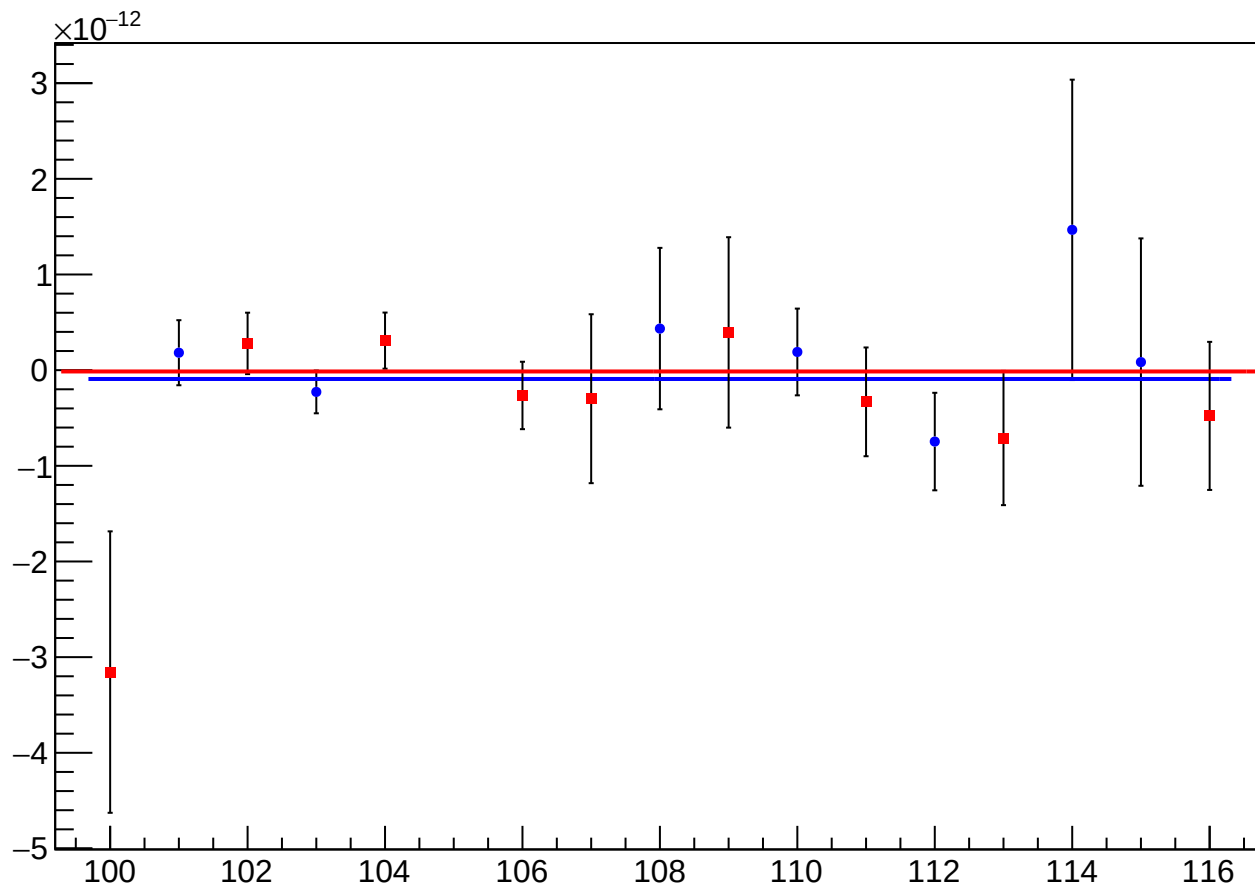
Right: 6418.030+/-1.860 χ^2/NDF : 303426.7/15

In: 6711.530+/-2.898 χ^2/NDF : 160329.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6418.030+/-1.860 χ^2/NDF : 303426.7/15

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

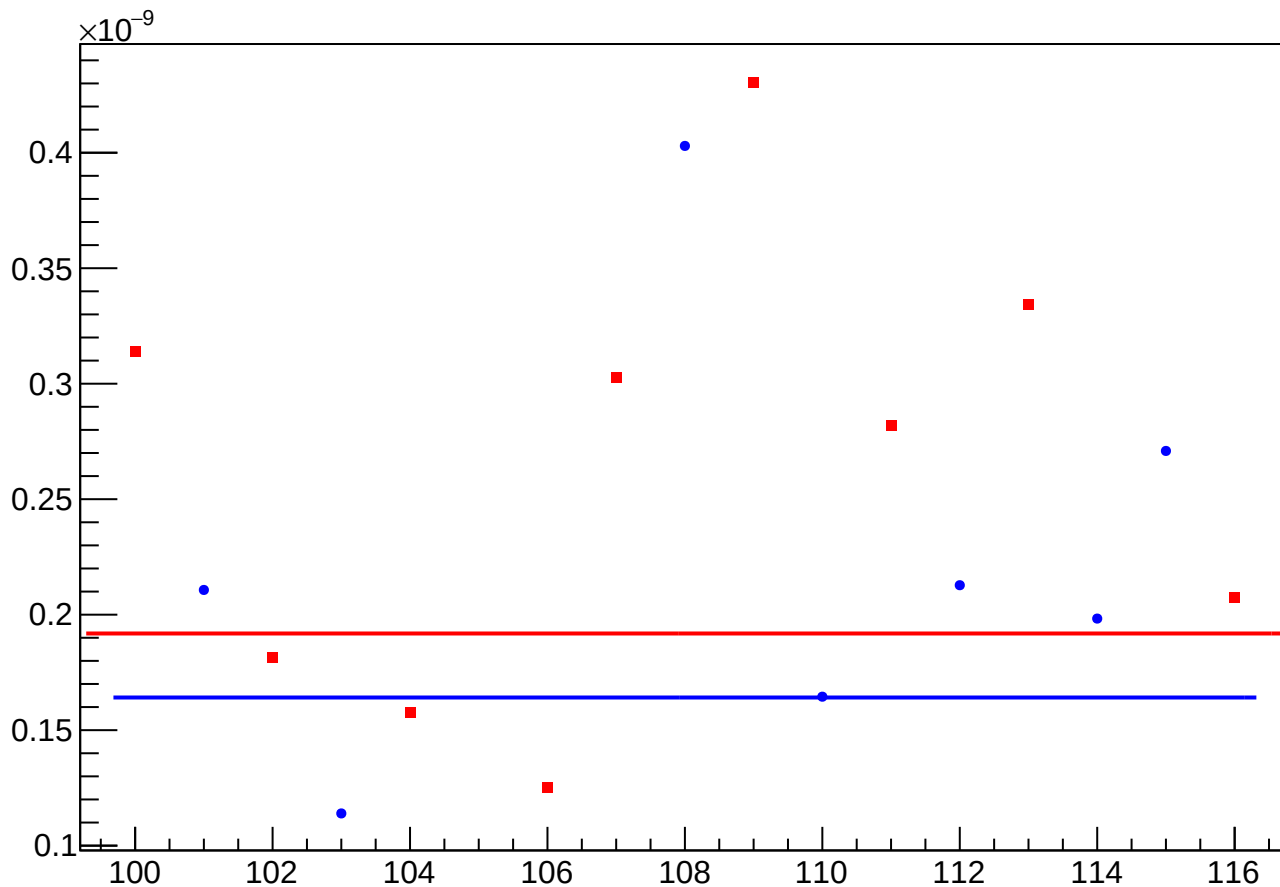
Right: -0.000+/-0.000 χ^2/NDF : 13.6/15

In: -0.000+/-0.000 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/15

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 331394.9/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 394443.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

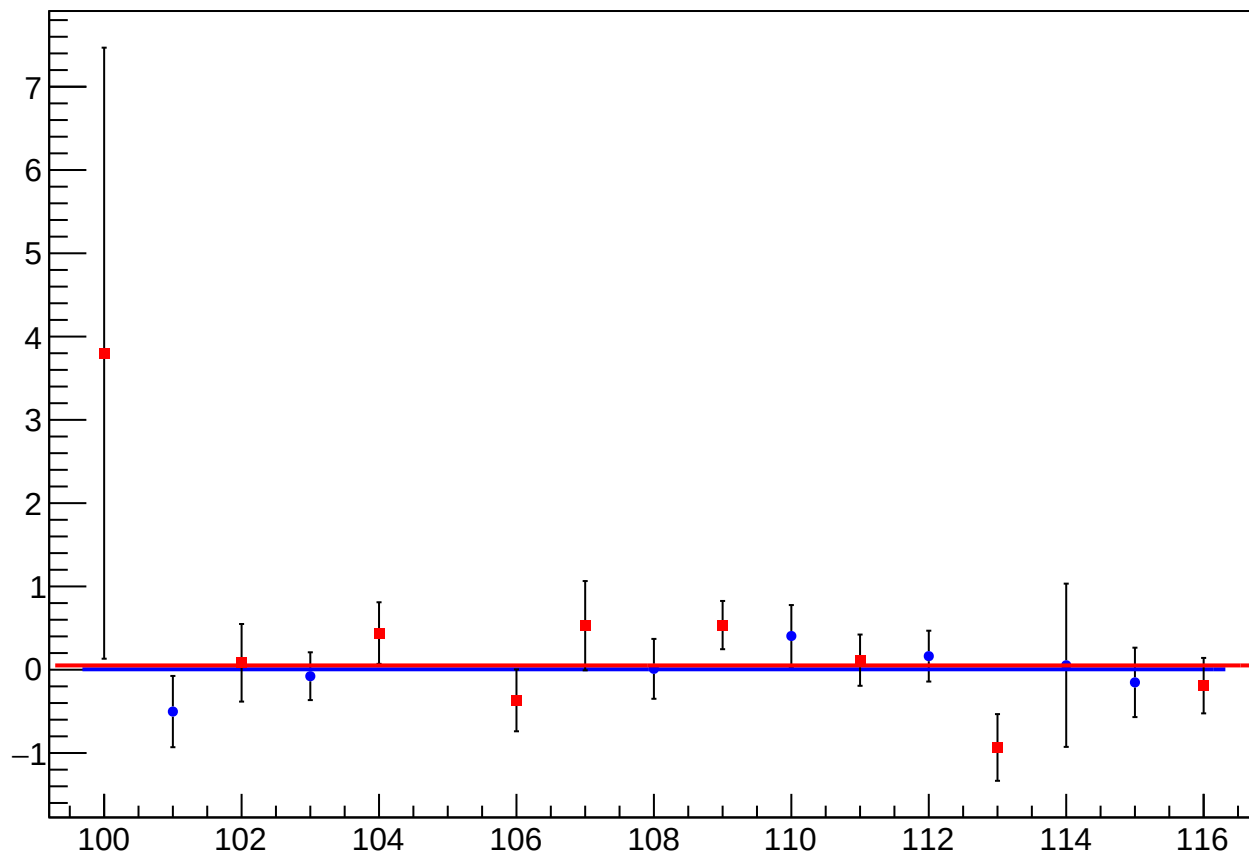
Right: 0.000+/-0.000 χ^2/NDF : 756070.0/15

In: 0.000+/-0.000 χ^2/NDF : 331394.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 756070.0/15

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.141 χ^2/NDF : 3.1/6

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

Right Out: 0.052+/-0.129 χ^2/NDF : 13.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

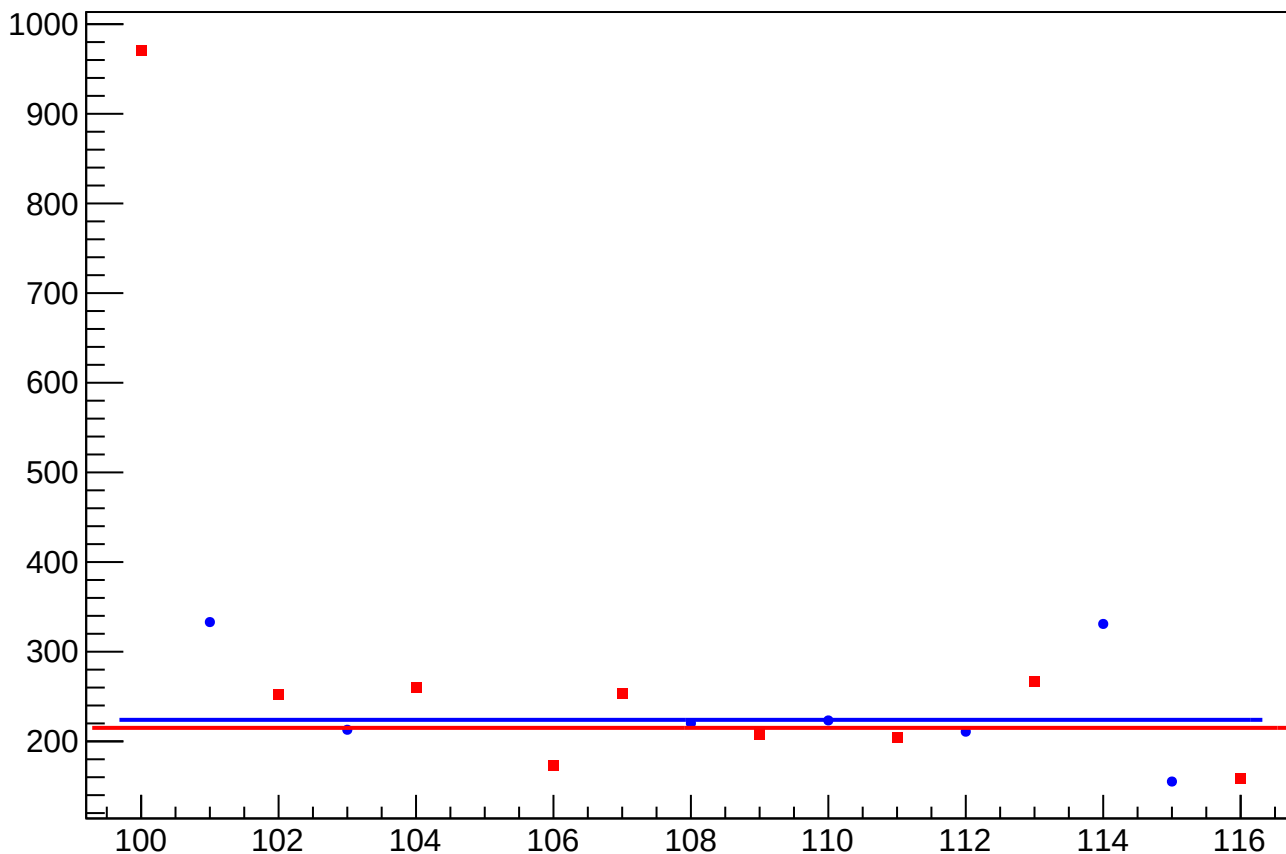
Right: 0.030+/-0.095 χ^2/NDF : 16.8/15

In: 0.005+/-0.141 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.095 χ^2/NDF : 16.8/15

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.000+/-0.100 χ^2/NDF : 215303.7/6

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

Right Out: 215.052+/-0.091 χ^2/NDF : 256194.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

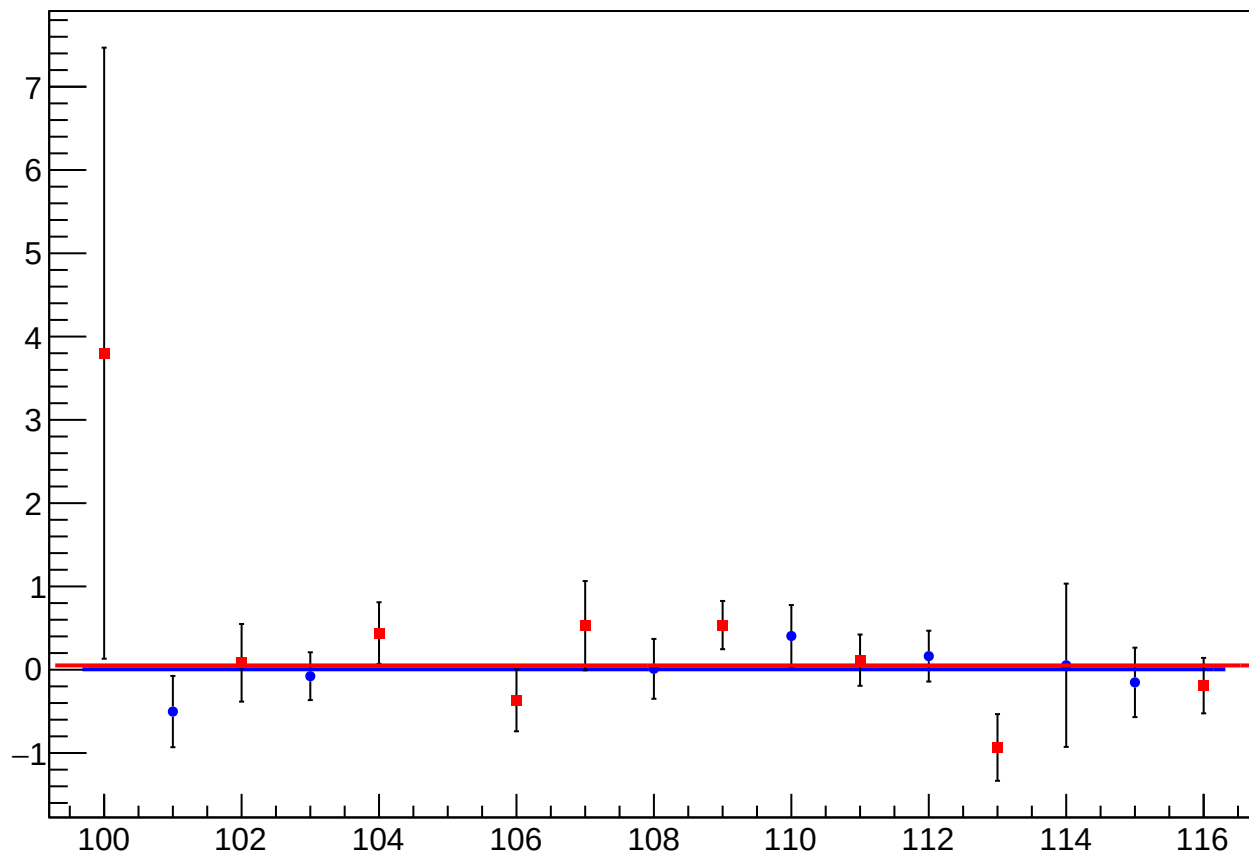
Right: 219.108+/-0.067 χ^2/NDF : 475886.9/15

In: 224.000+/-0.100 χ^2/NDF : 215303.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.108+/-0.067 χ^2/NDF : 475886.9/15

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.141 χ^2/NDF : 3.1/6

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

Right Out: 0.052+/-0.129 χ^2/NDF : 13.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

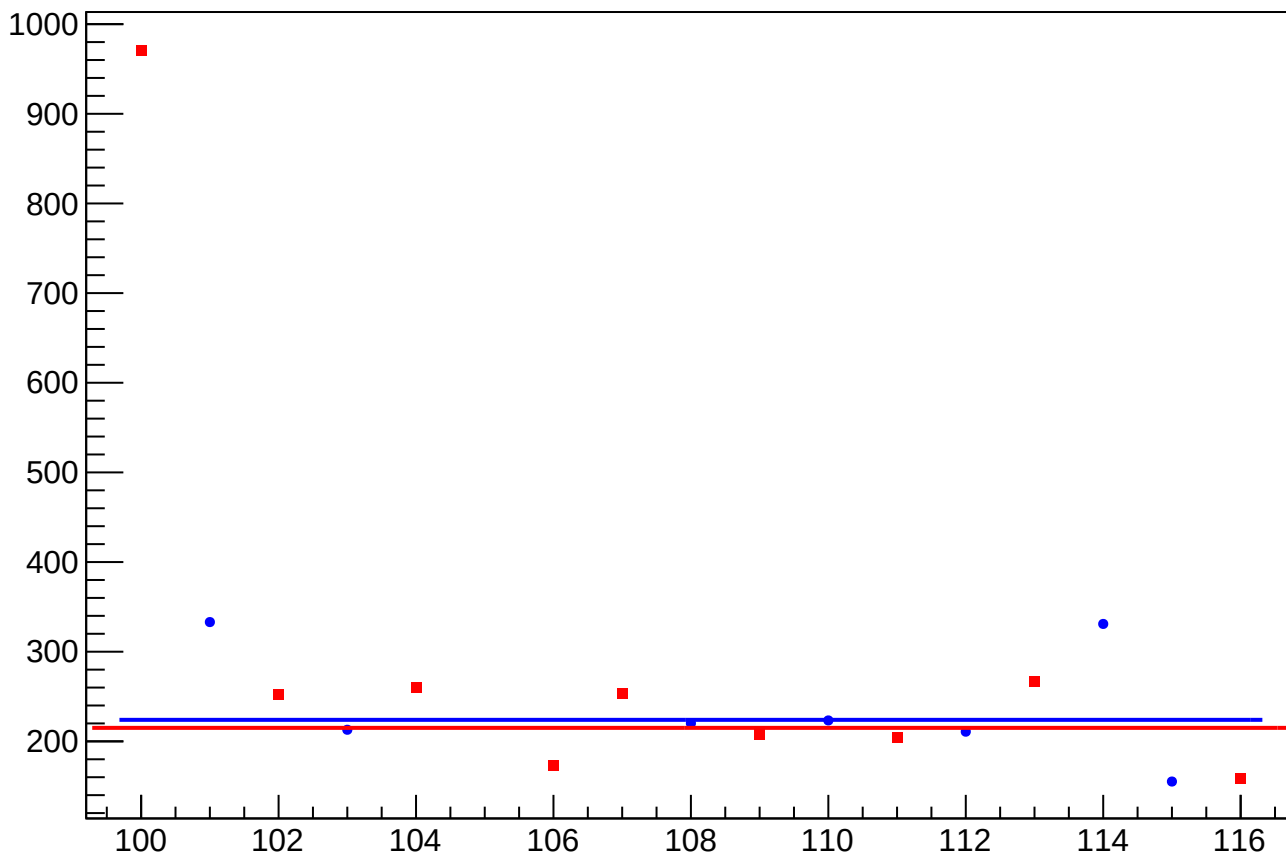
Right: 0.030+/-0.095 χ^2/NDF : 16.8/15

In: 0.005+/-0.141 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.095 χ^2/NDF : 16.8/15

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.000+/-0.100 χ^2/NDF : 215303.7/6

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

Right Out: 215.052+/-0.091 χ^2/NDF : 256194.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

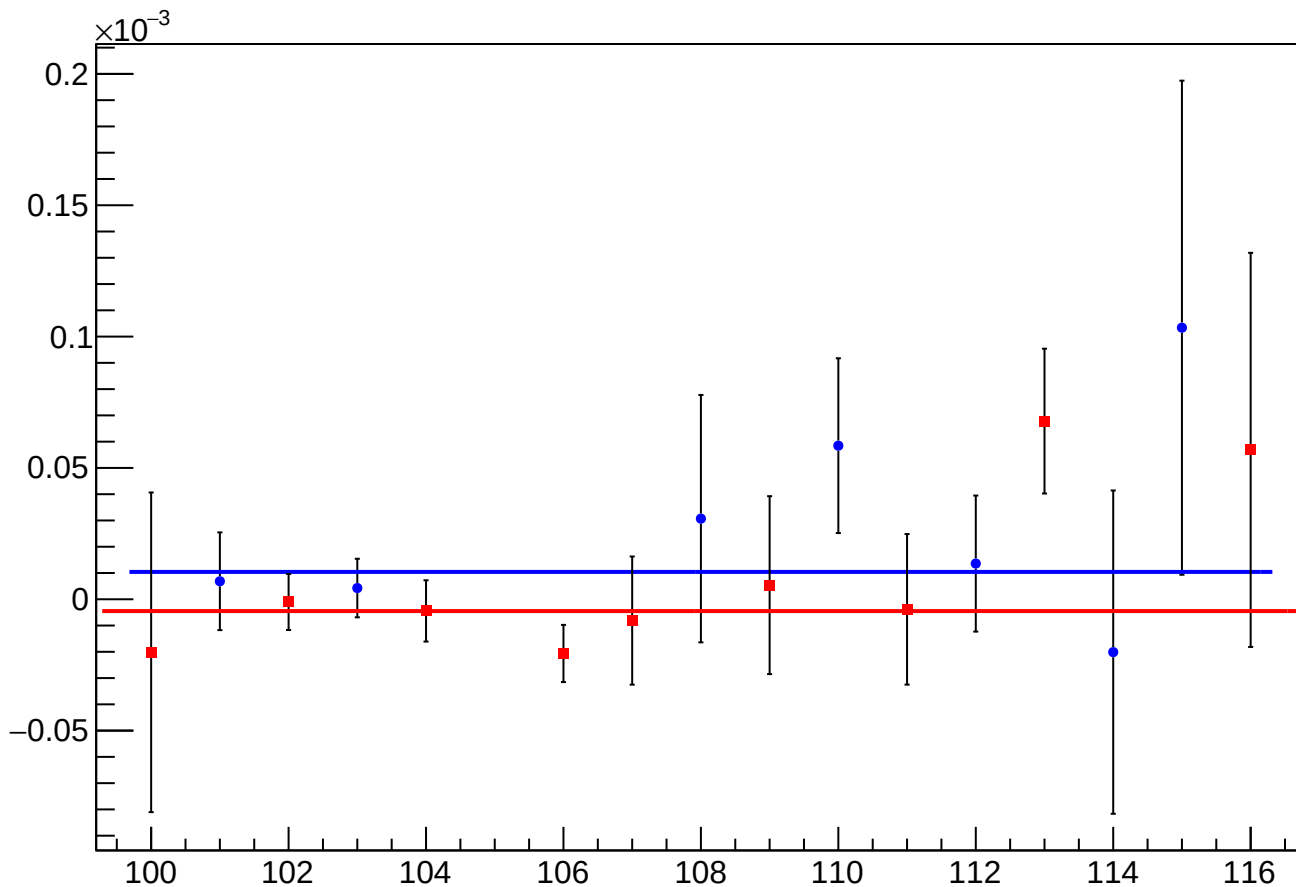
Right: 219.108+/-0.067 χ^2/NDF : 475886.9/15

In: 224.000+/-0.100 χ^2/NDF : 215303.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.108+/-0.067 χ^2/NDF : 475886.9/15

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

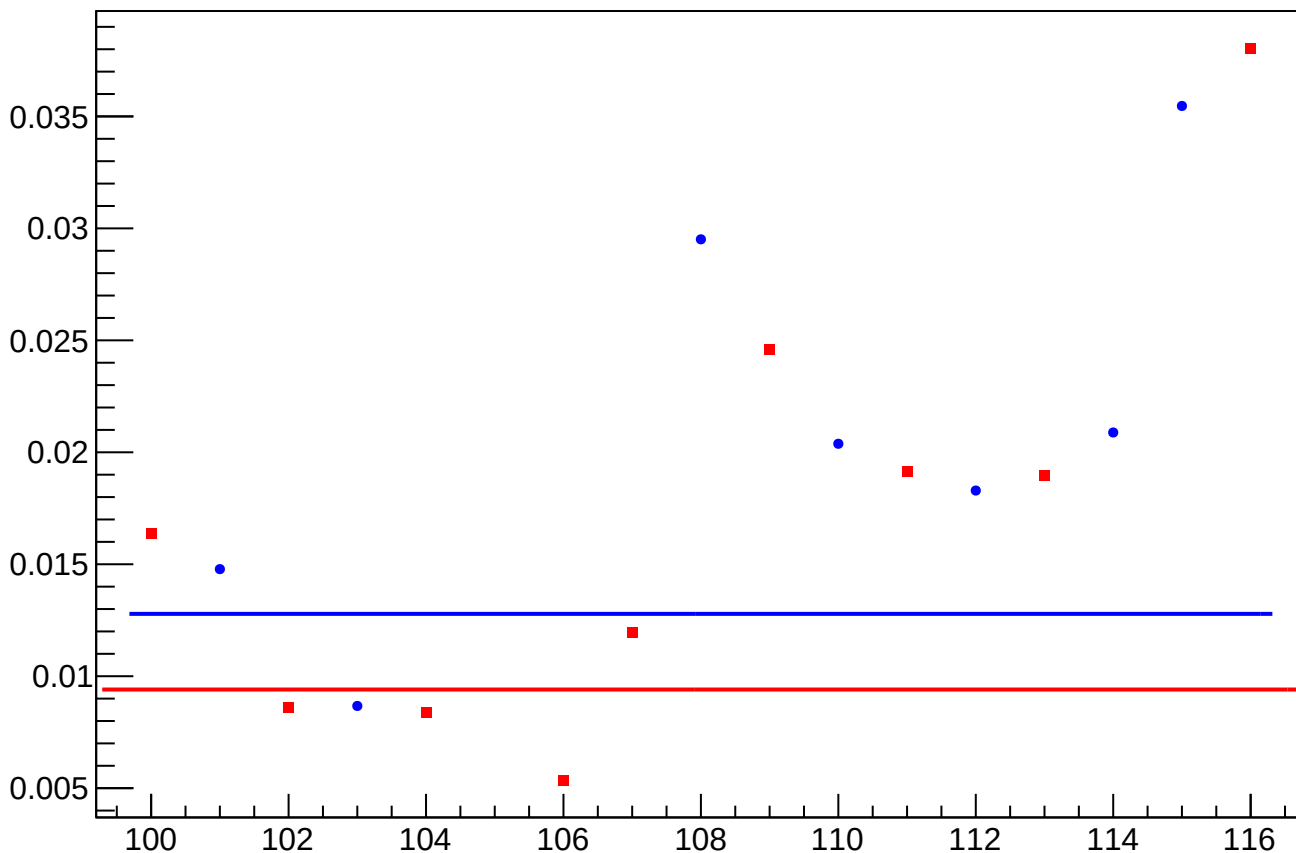
Right: 0.000+/-0.000 χ^2/NDF : 16.0/15

In: 0.000+/-0.000 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/15

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 893289.5/6

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

Right Out: 0.009+/-0.000 χ^2/NDF : 1520018.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

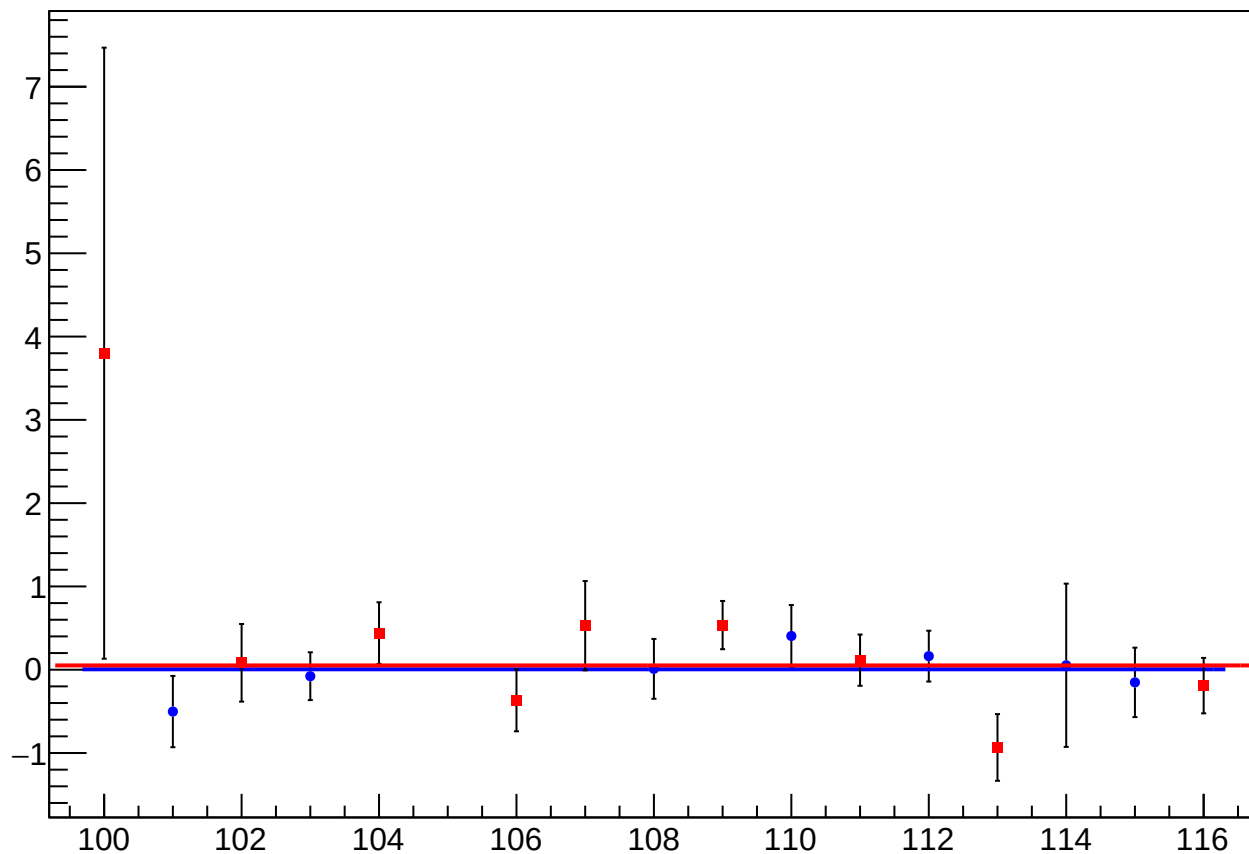
Right: 0.010+/-0.000 χ^2/NDF : 2633242.0/15

In: 0.013+/-0.000 χ^2/NDF : 893289.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2633242.0/15

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.141 χ^2/NDF : 3.1/6

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

Right Out: 0.052+/-0.129 χ^2/NDF : 13.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

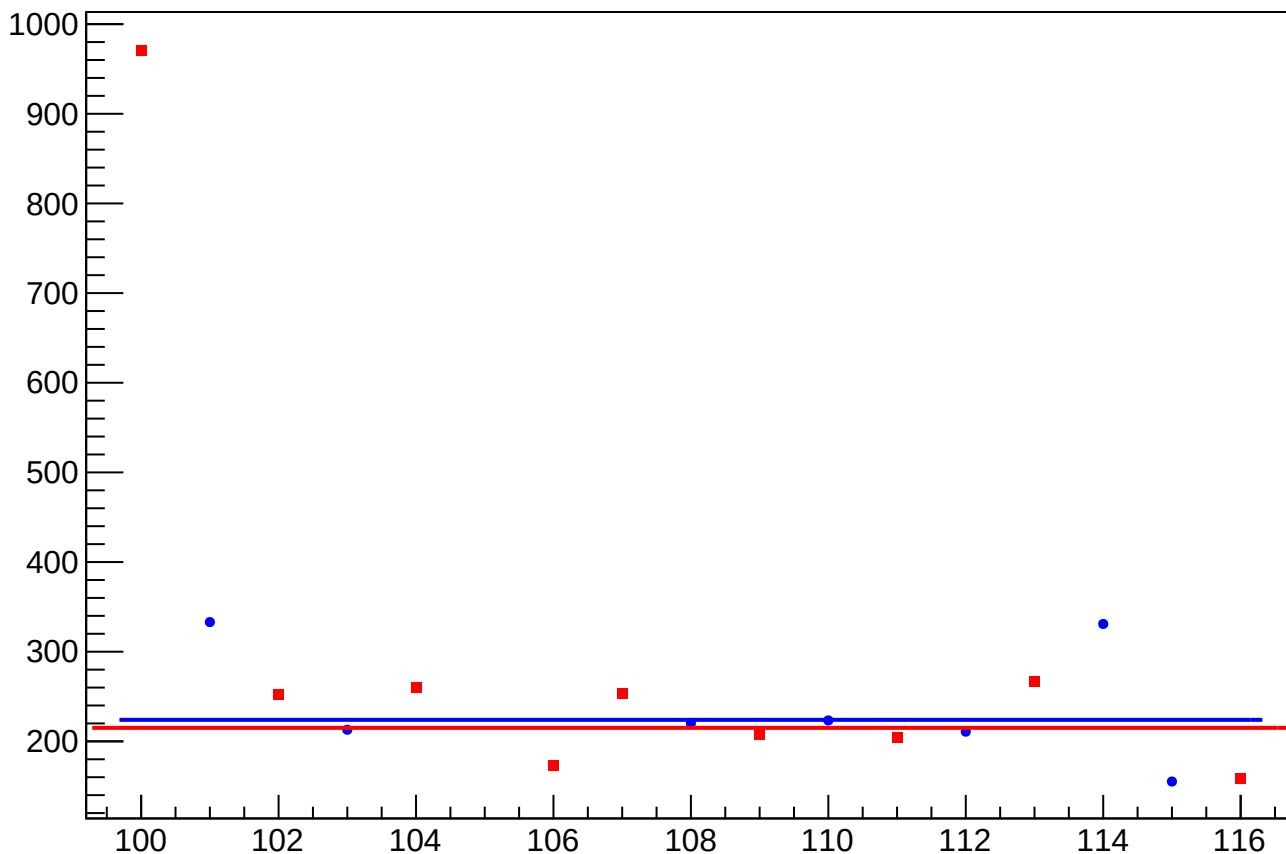
Right: 0.030+/-0.095 χ^2/NDF : 16.8/15

In: 0.005+/-0.141 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.095 χ^2/NDF : 16.8/15

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.006+/-0.100 χ^2/NDF : 215279.4/6

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

Right Out: 215.058+/-0.091 χ^2/NDF : 256155.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

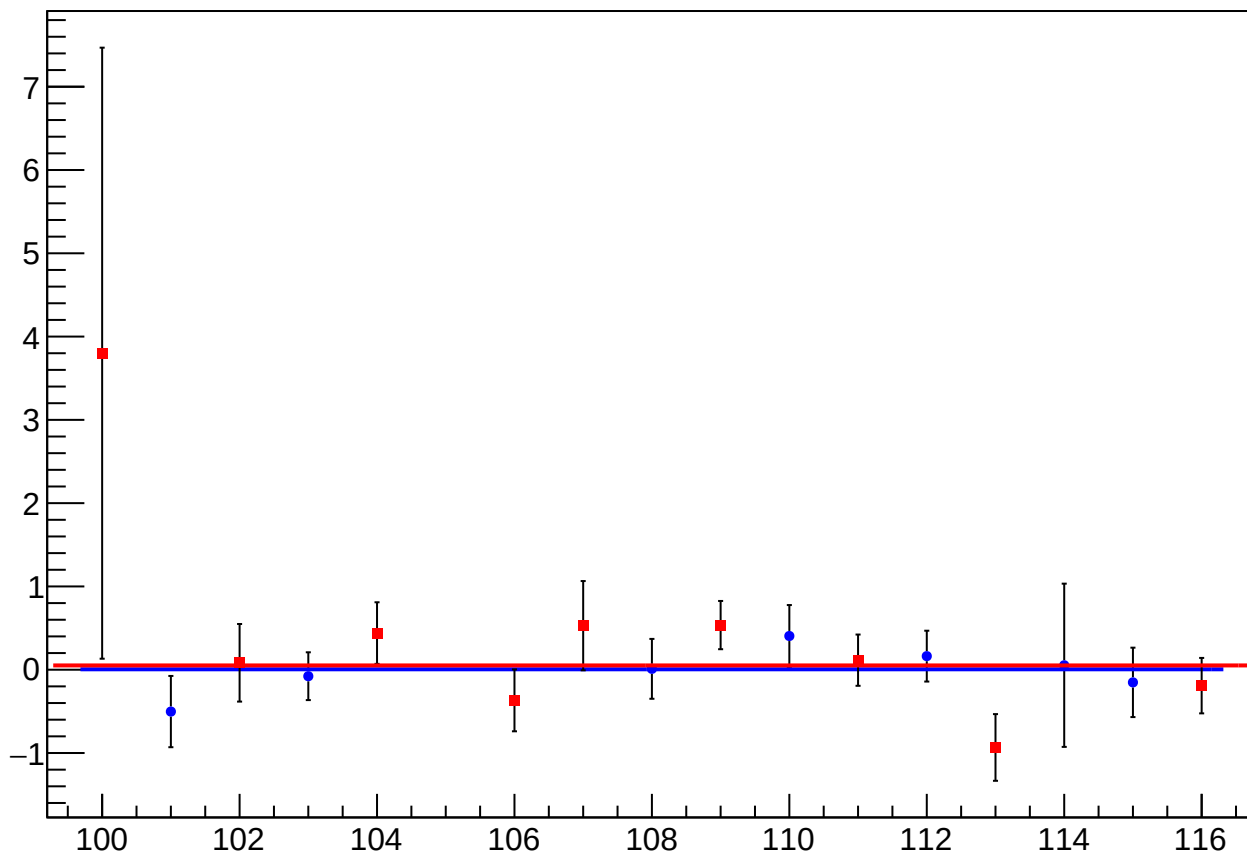
Right: 219.114+/-0.067 χ^2/NDF : 475824.3/15

In: 224.006+/-0.100 χ^2/NDF : 215279.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.114+/-0.067 χ^2/NDF : 475824.3/15

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.141 χ^2/NDF : 3.1/6

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

Right Out: 0.052+/-0.129 χ^2/NDF : 13.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

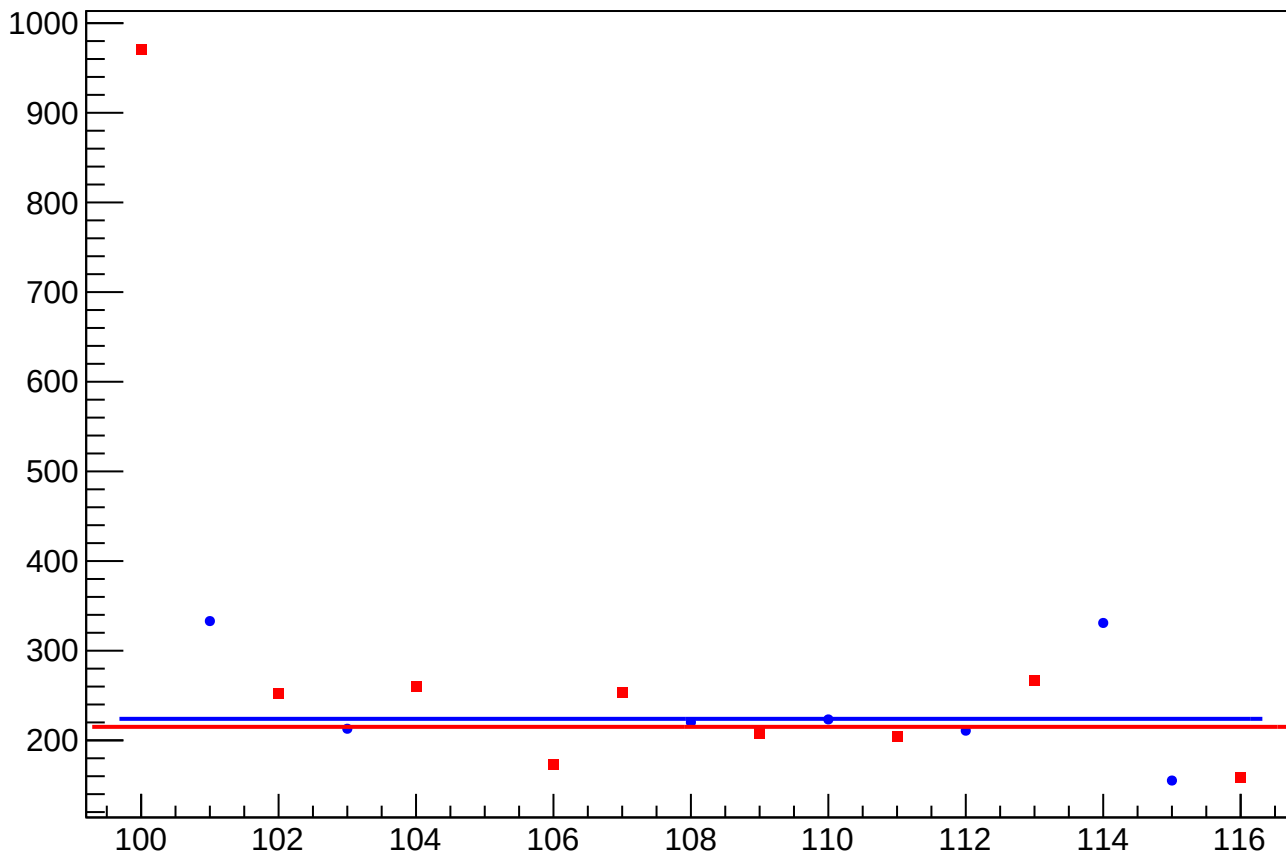
Right: 0.030+/-0.095 χ^2/NDF : 16.8/15

In: 0.005+/-0.141 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.095 χ^2/NDF : 16.8/15

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.006+/-0.100 χ^2/NDF : 215279.4/6

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

Right Out: 215.058+/-0.091 χ^2/NDF : 256155.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

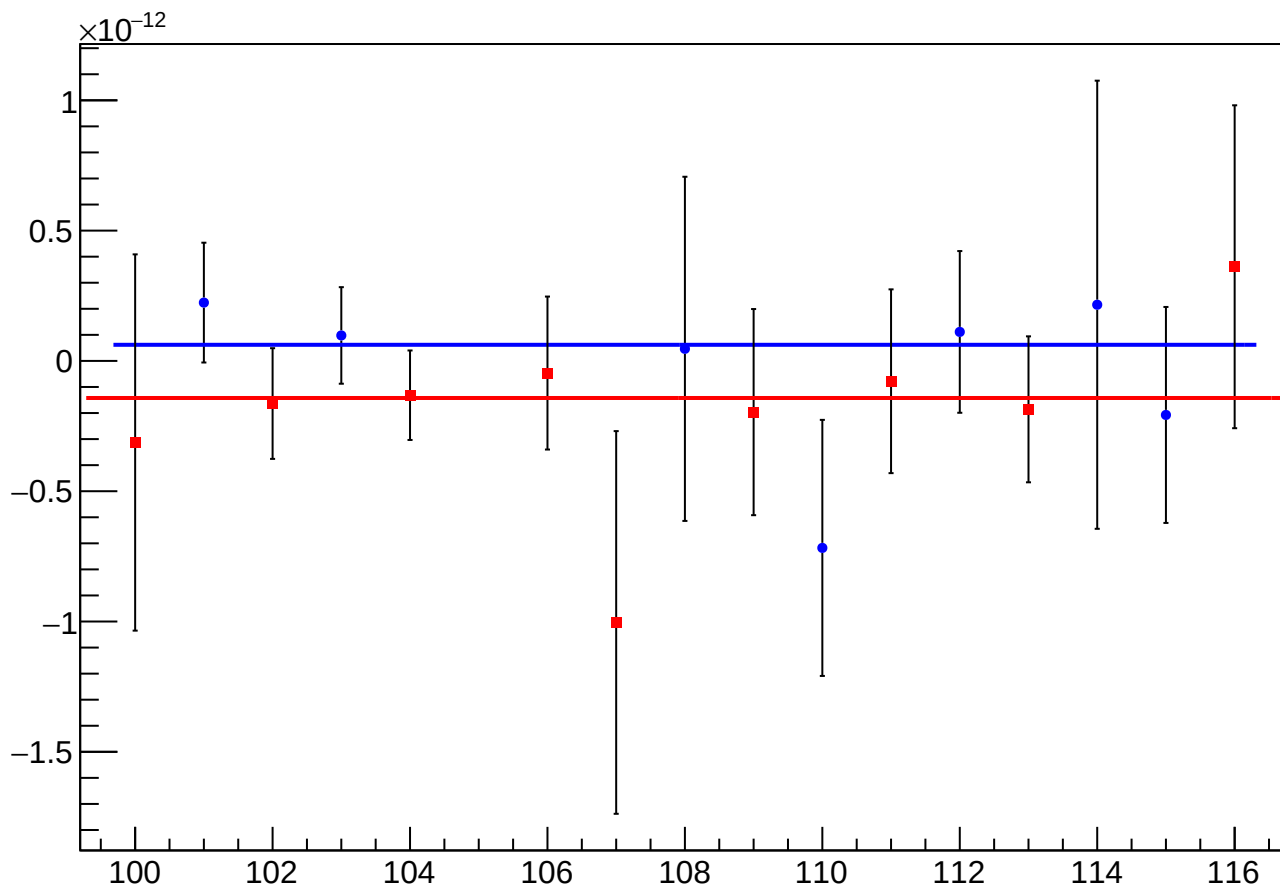
Right: 219.114+/-0.067 χ^2/NDF : 475824.3/15

In: 224.006+/-0.100 χ^2/NDF : 215279.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.114+/-0.067 χ^2/NDF : 475824.3/15

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

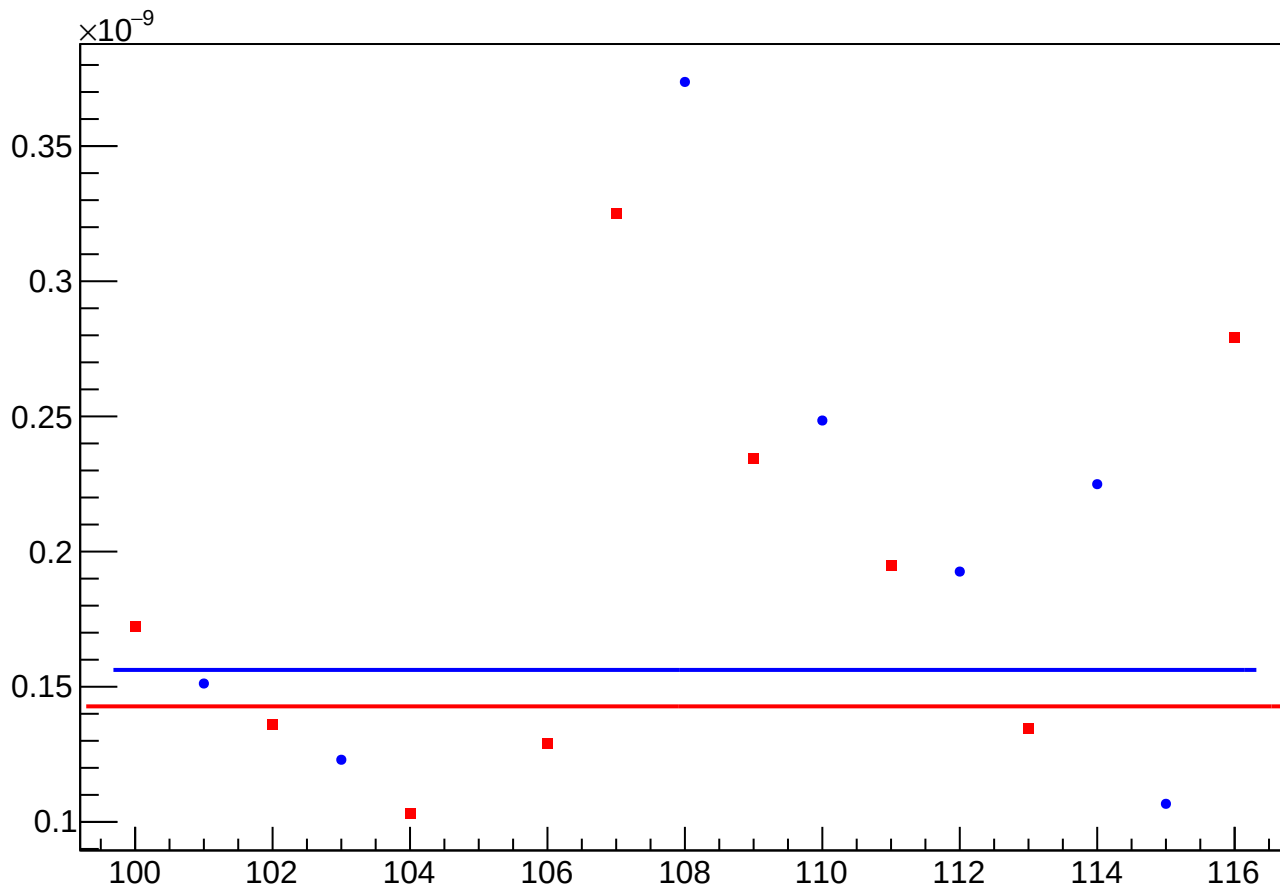
Right: -0.000+/-0.000 χ^2/NDF : 7.6/15

In: 0.000+/-0.000 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/15

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 421655.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 488925.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

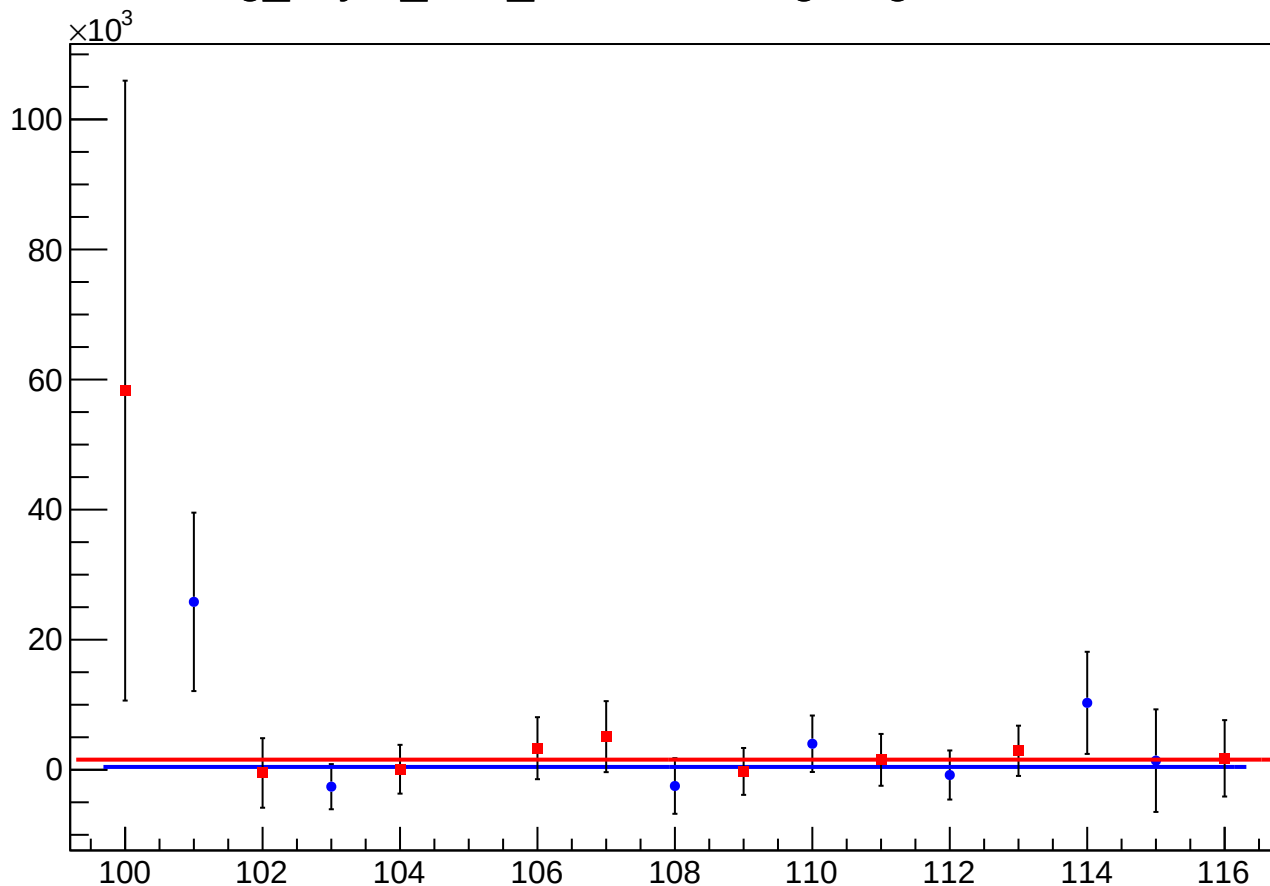
Right: 0.000+/-0.000 χ^2/NDF : 925880.7/15

In: 0.000+/-0.000 χ^2/NDF : 421655.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 925880.7/15

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 436.773 $\pm$ 1830.078 χ^2 /NDF: 7.0/6

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

Right Out: 1559.408 $\pm$ 1543.069 χ^2 /NDF: 2.7/8

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

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

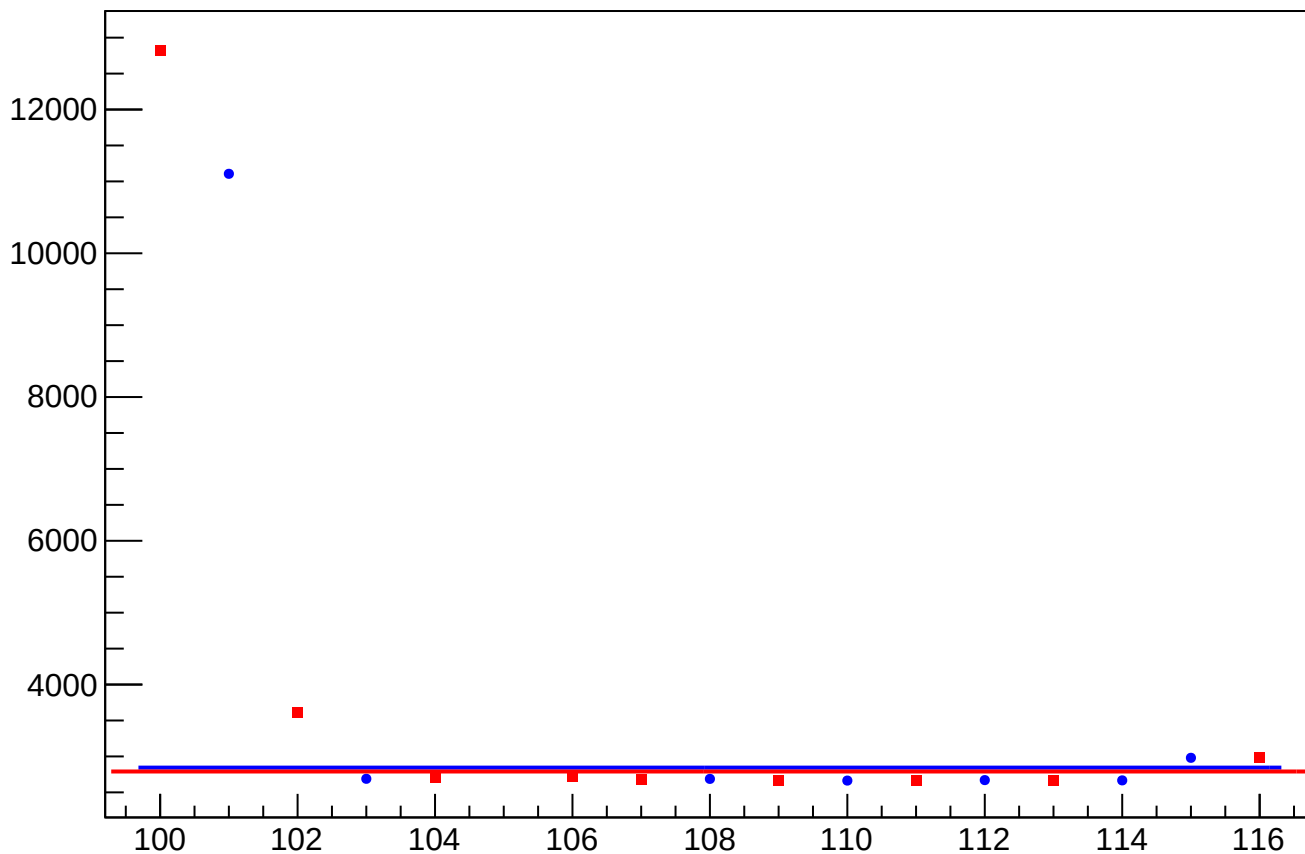
Right: 1092.925 $\pm$ 1179.691 χ^2 /NDF: 9.9/15

In: 436.773 $\pm$ 1830.078 χ^2 /NDF:7.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1092.925 $\pm$ 1179.691 χ^2 /NDF: 9.9/15

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2844.352+/-1.294 χ^2/NDF : 741536.5/6

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

Right Out: 2790.365+/-1.091 χ^2/NDF : 146218.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

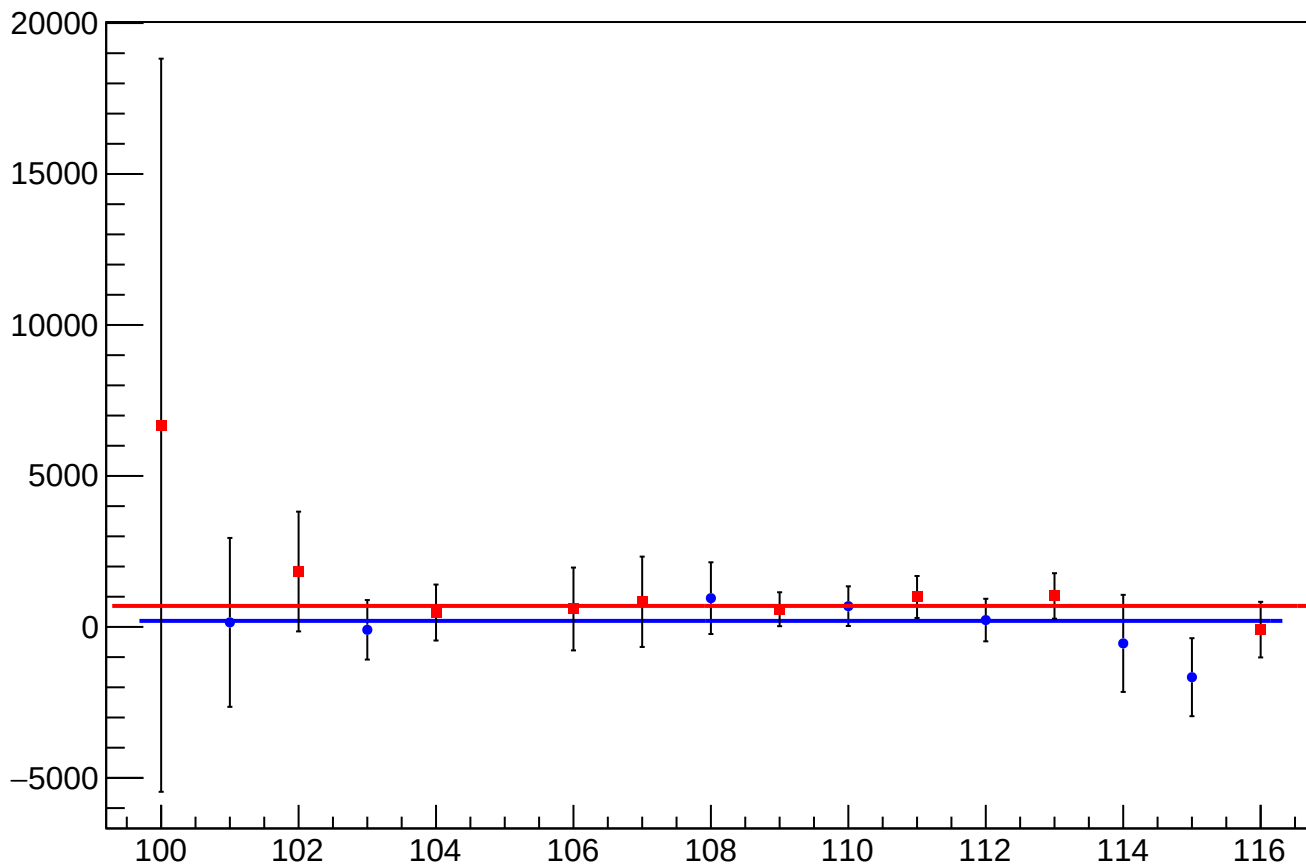
Right: 2812.798+/-0.834 χ^2/NDF : 888772.6/15

In: 2844.352+/-1.294 χ^2/NDF : 741536.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.798+/-0.834 χ^2/NDF : 888772.6/15

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 200.272+/-373.065 χ^2/NDF : 3.3/6

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

Right Out: 695.682+/-307.422 χ^2/NDF : 1.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

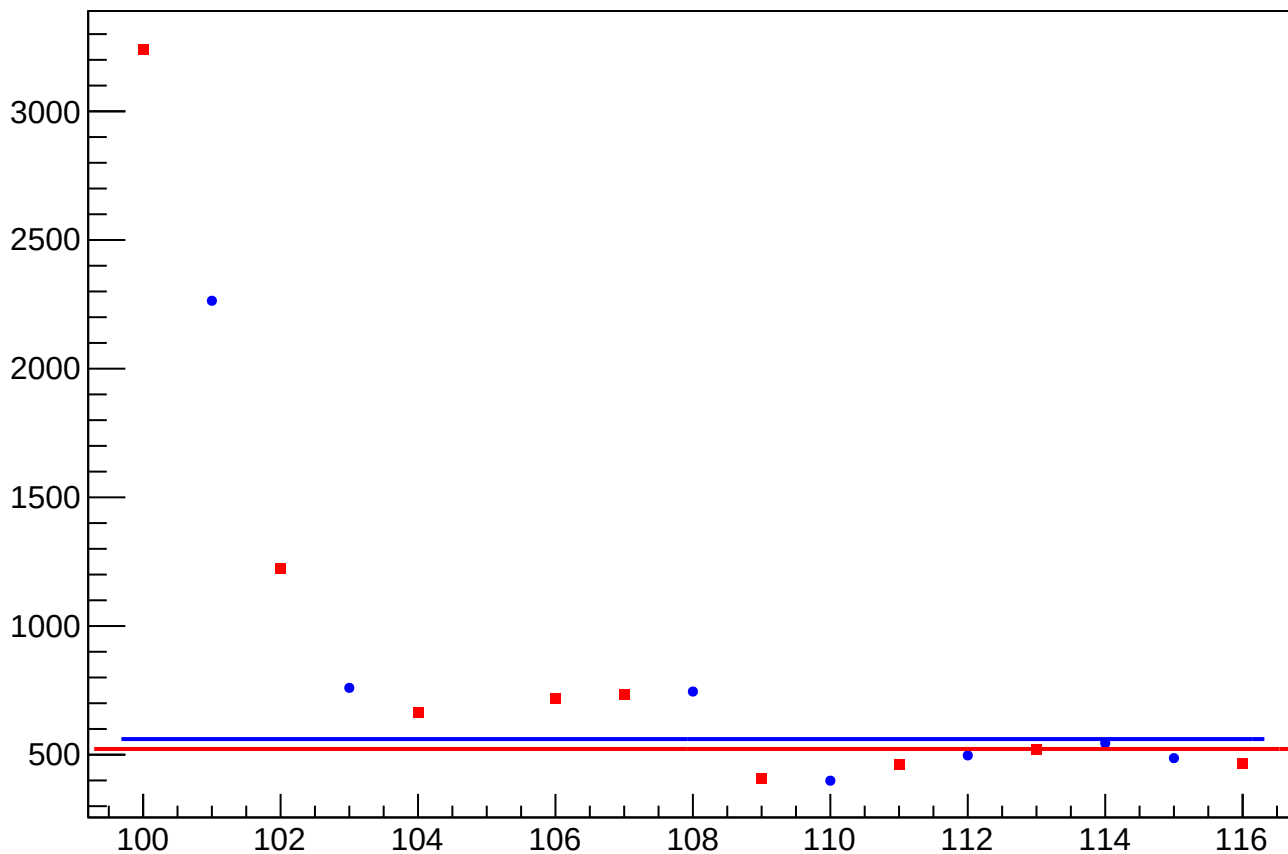
Right: 495.326+/-237.248 χ^2/NDF : 6.2/15

In: 200.272+/-373.065 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.326+/-237.248 χ^2/NDF : 6.2/15

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 560.784+/-0.264 χ^2/NDF : 1015650.8/6

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

Right Out: 522.258+/-0.217 χ^2/NDF : 585401.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

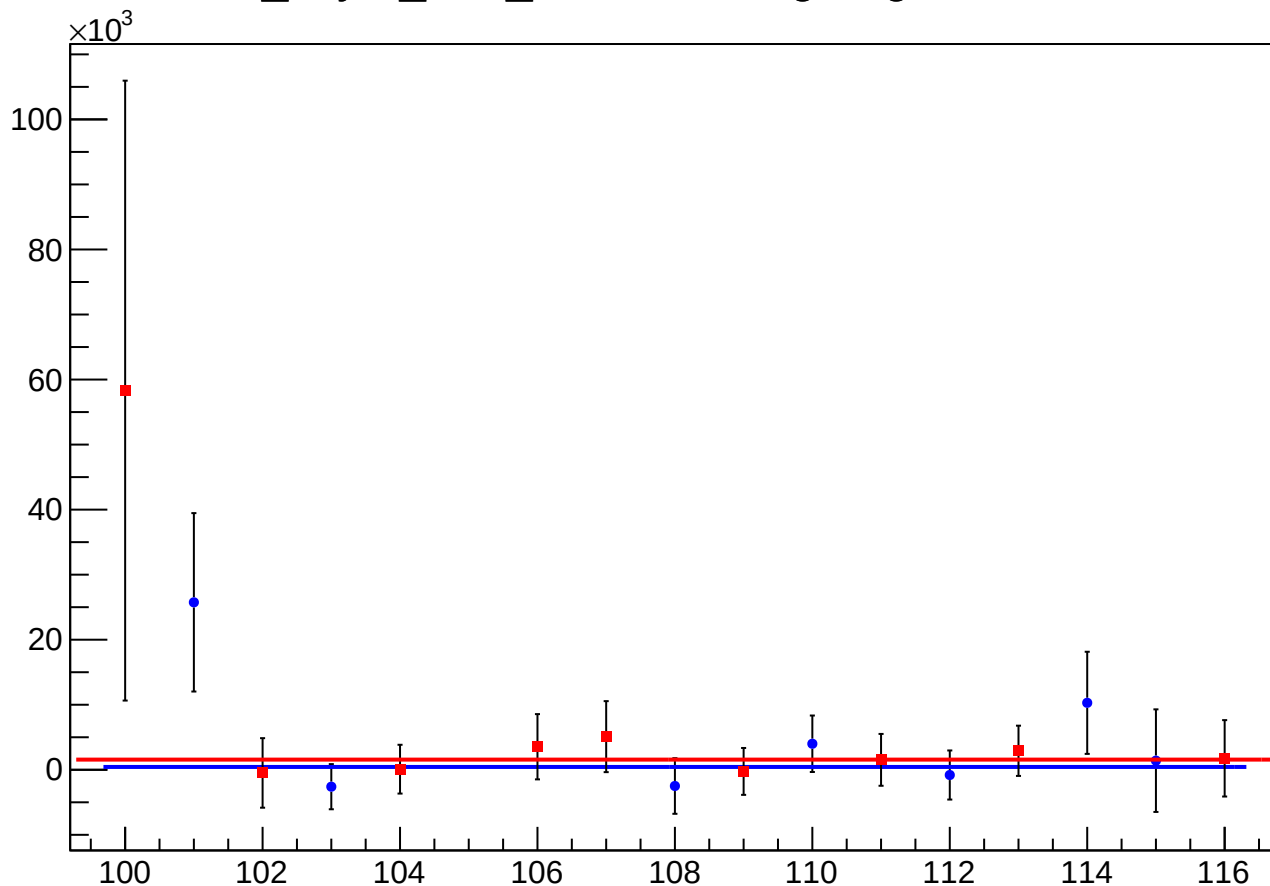
Right: 537.839+/-0.168 χ^2/NDF : 1613755.3/15

In: 560.784+/-0.264 χ^2/NDF : 1015650.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.839+/-0.168 χ^2/NDF : 1613755.3/15

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 435.091+/-1830.079 χ^2/NDF : 7.0/6

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

Right Out: 1564.223+/-1550.995 χ^2/NDF : 2.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

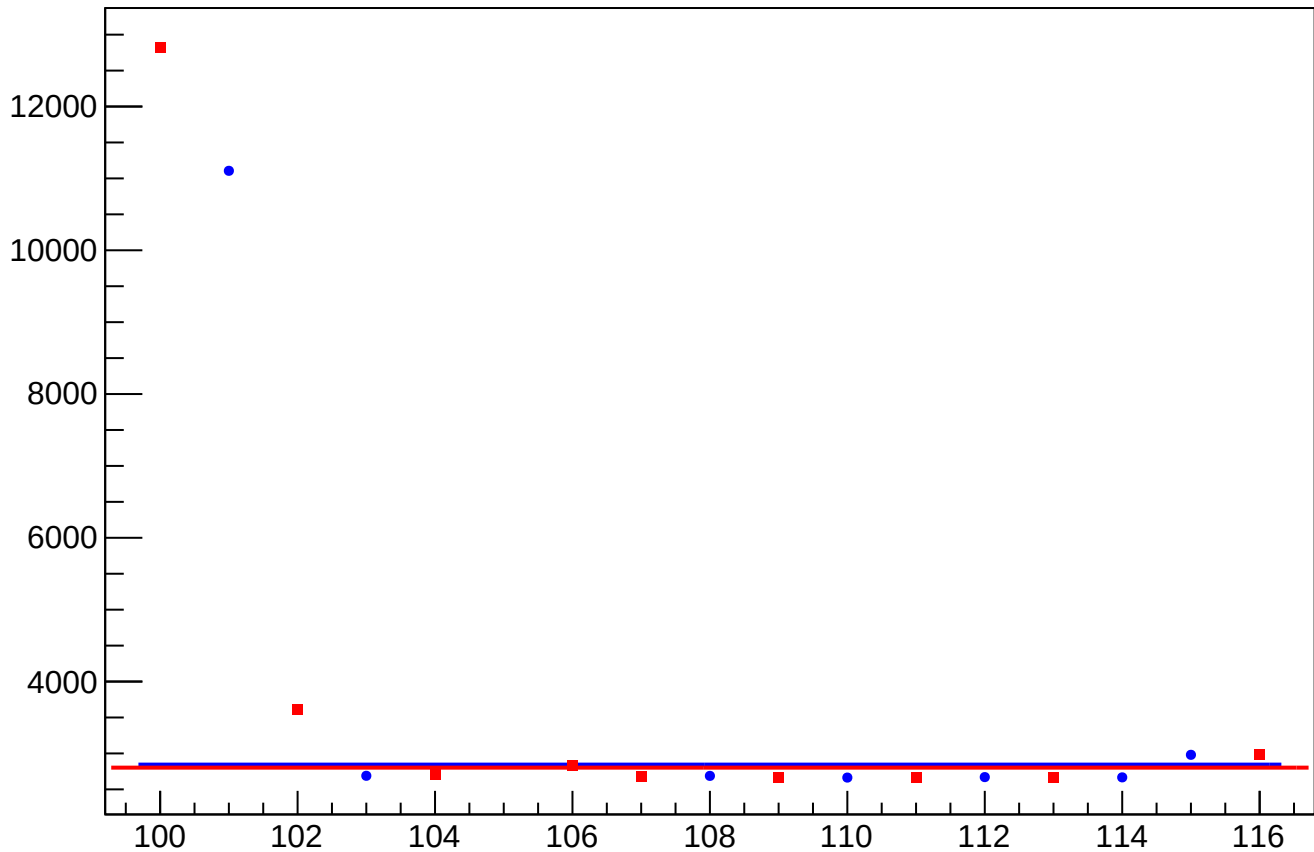
Right: 1092.228+/-1183.222 χ^2/NDF : 9.9/15

In: 435.091+/-1830.079 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.228+/-1183.222 χ^2/NDF : 9.9/15

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2844.352+/-1.294 χ^2/NDF : 741535.7/6

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

Right Out: 2802.299+/-1.097 χ^2/NDF : 145868.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

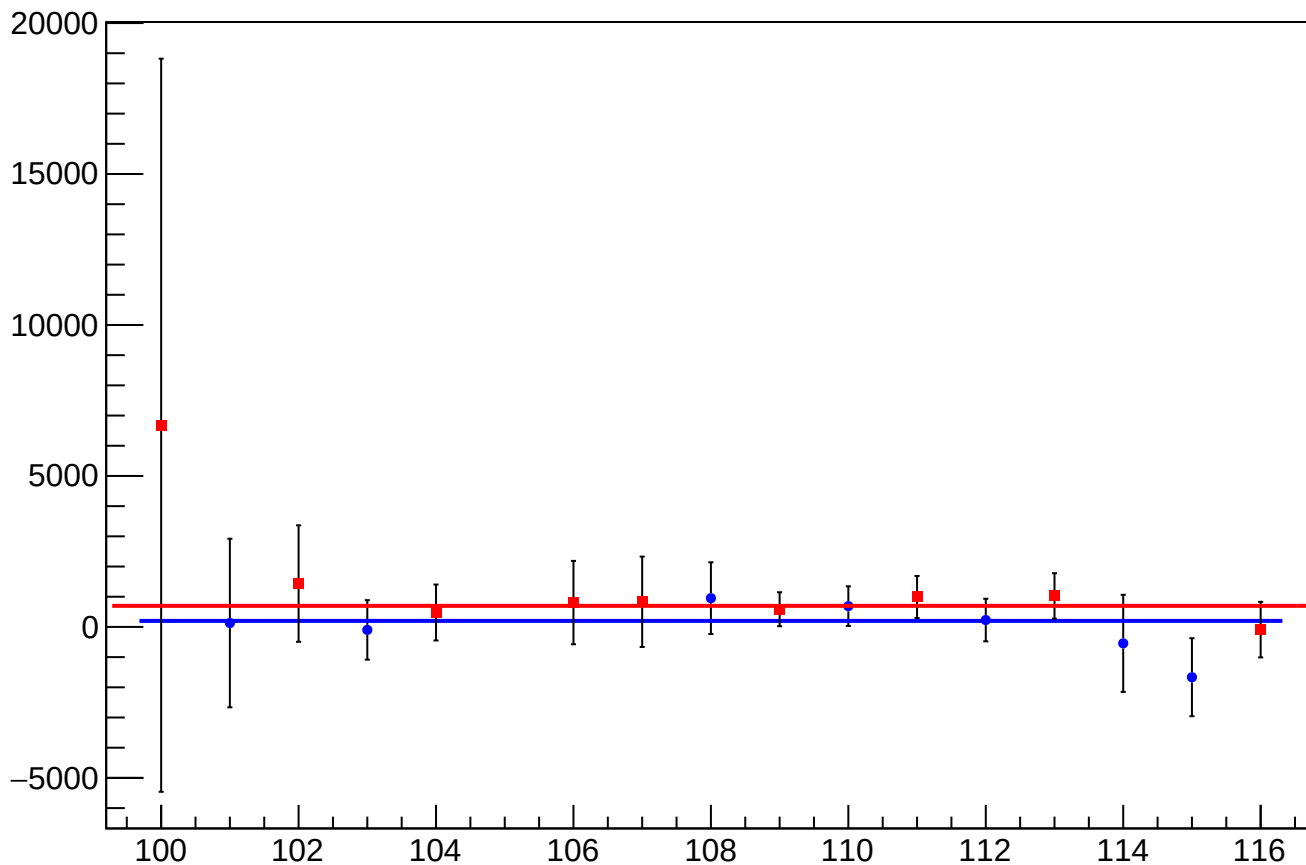
Right: 2819.878+/-0.837 χ^2/NDF : 888018.9/15

In: 2844.352+/-1.294 χ^2/NDF : 741535.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.878+/-0.837 χ^2/NDF : 888018.9/15

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.672+/-373.035 χ^2/NDF : 3.3/6

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

Right Out: 697.937+/-307.296 χ^2/NDF : 1.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

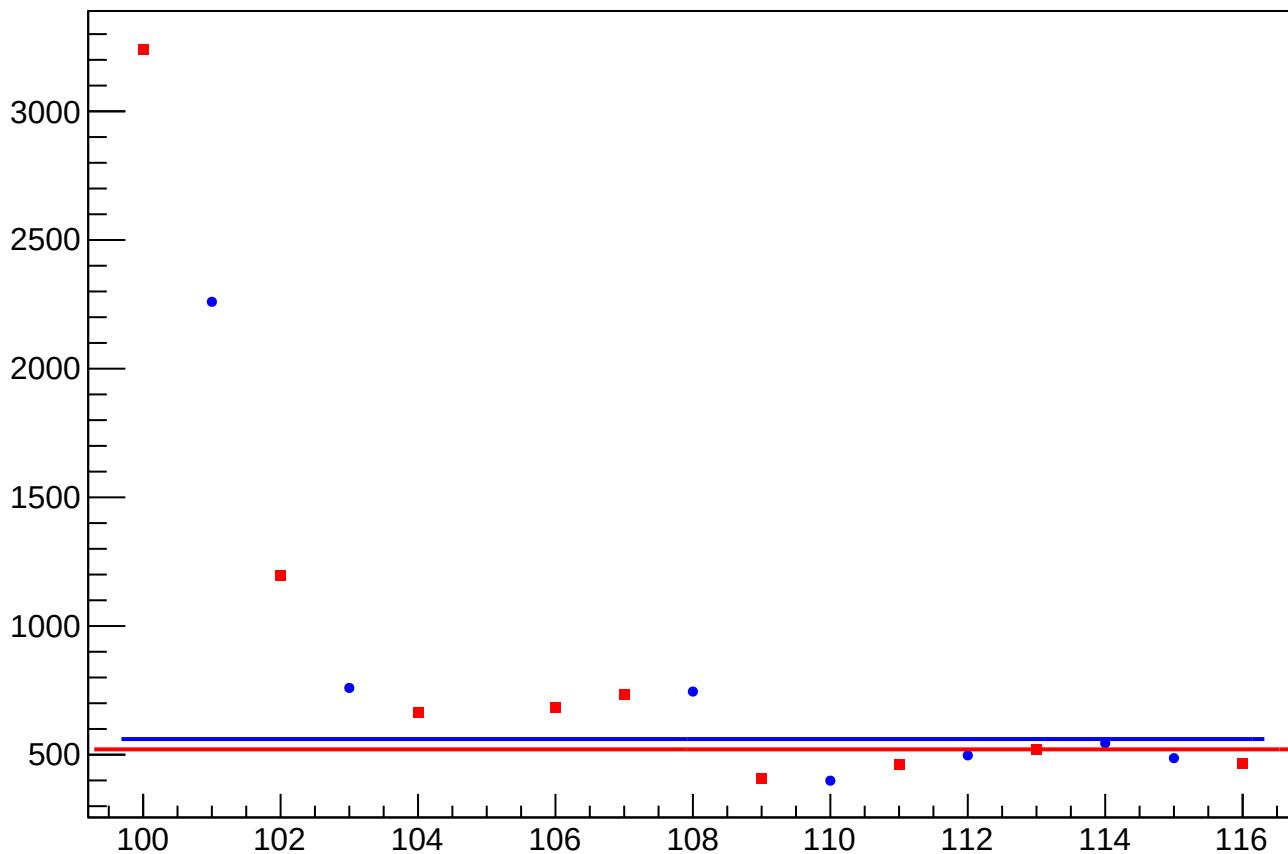
Right: 496.506+/-237.183 χ^2/NDF : 6.0/15

In: 199.672+/-373.035 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.506+/-237.183 χ^2/NDF : 6.0/15

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.811+/-0.264 χ^2/NDF : 1014649.0/6

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

Right Out: 520.782+/-0.217 χ^2/NDF : 568120.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

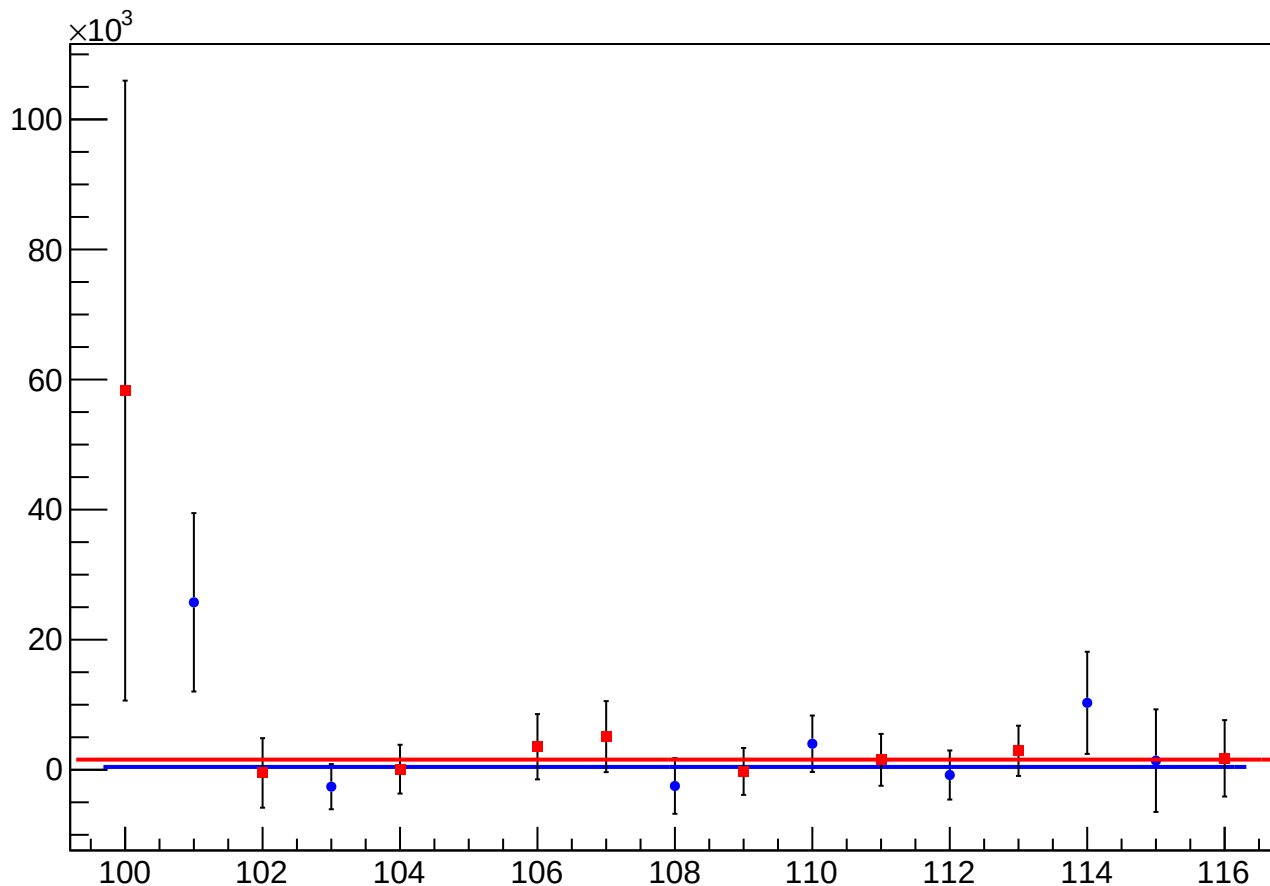
Right: 536.965+/-0.168 χ^2/NDF : 1596488.5/15

In: 560.811+/-0.264 χ^2/NDF :1014649.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 536.965+/-0.168 χ^2/NDF : 1596488.5/15

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 435.091+/-1830.079 χ^2/NDF : 7.0/6

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

Right Out: 1564.223+/-1550.995 χ^2/NDF : 2.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

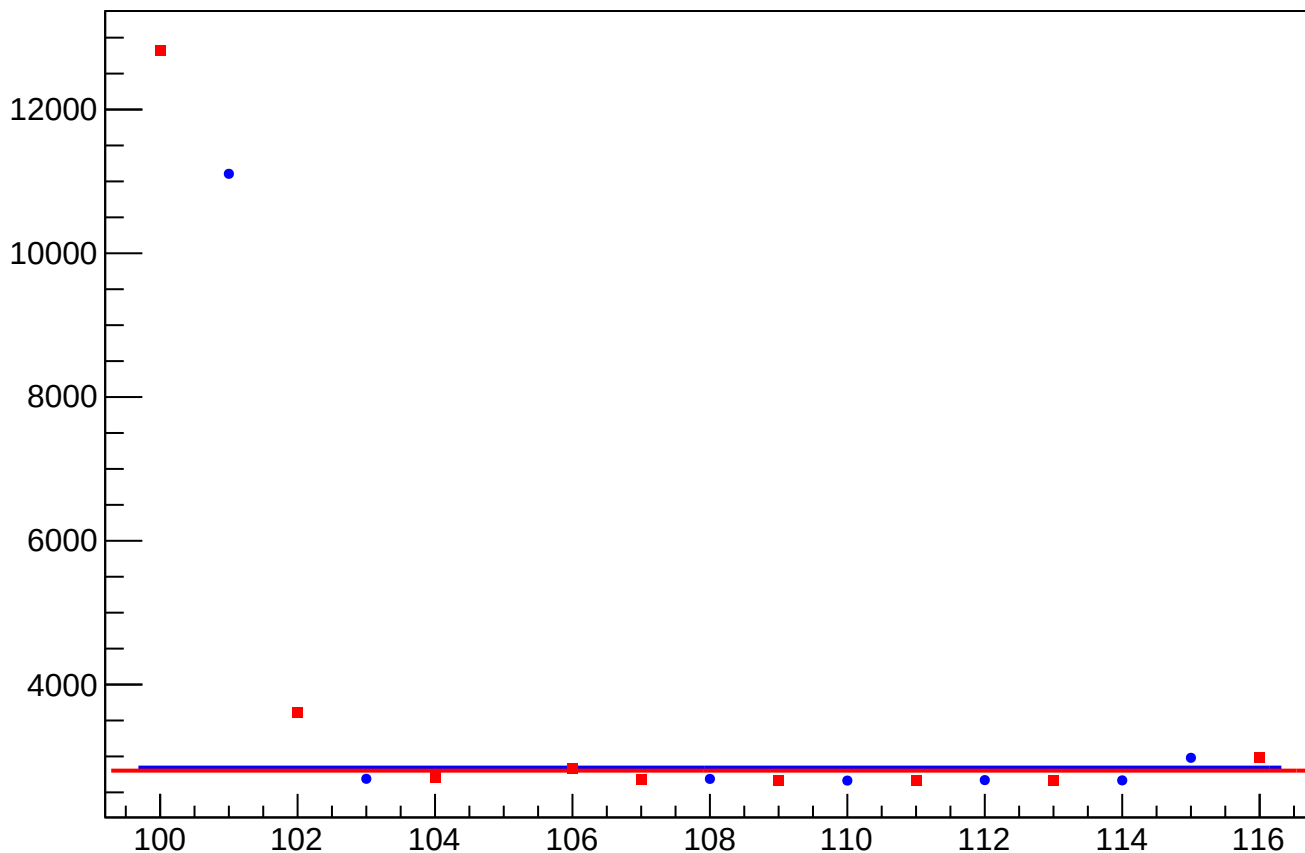
Right: 1092.228+/-1183.222 χ^2/NDF : 9.9/15

In: 435.091+/-1830.079 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.228+/-1183.222 χ^2/NDF : 9.9/15

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2844.352+/-1.294 χ^2/NDF : 741535.7/6

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

Right Out: 2802.299+/-1.097 χ^2/NDF : 145868.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

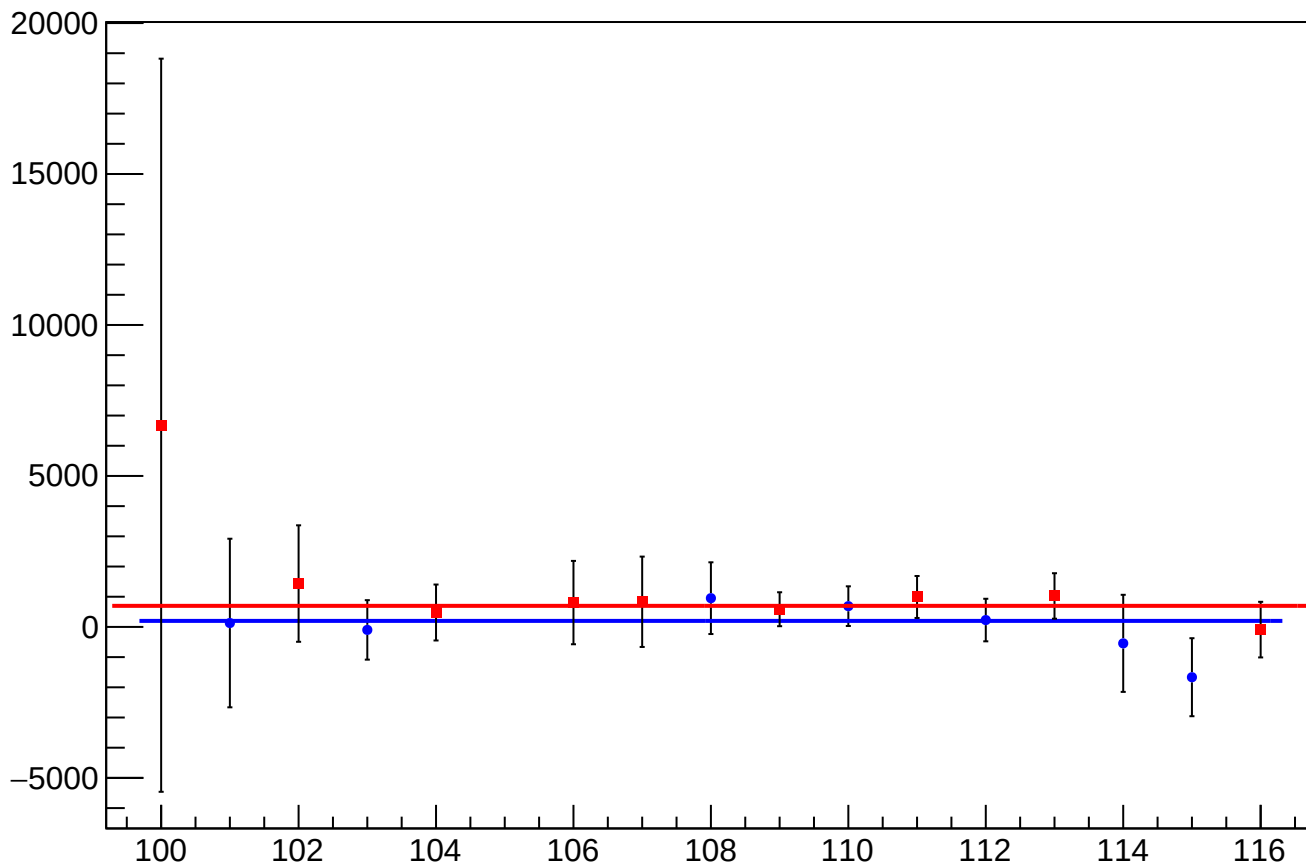
Right: 2819.878+/-0.837 χ^2/NDF : 888018.9/15

In: 2844.352+/-1.294 χ^2/NDF : 741535.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.878+/-0.837 χ^2/NDF : 888018.9/15

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.672+/-373.035 χ^2/NDF : 3.3/6

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

Right Out: 697.937+/-307.296 χ^2/NDF : 1.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

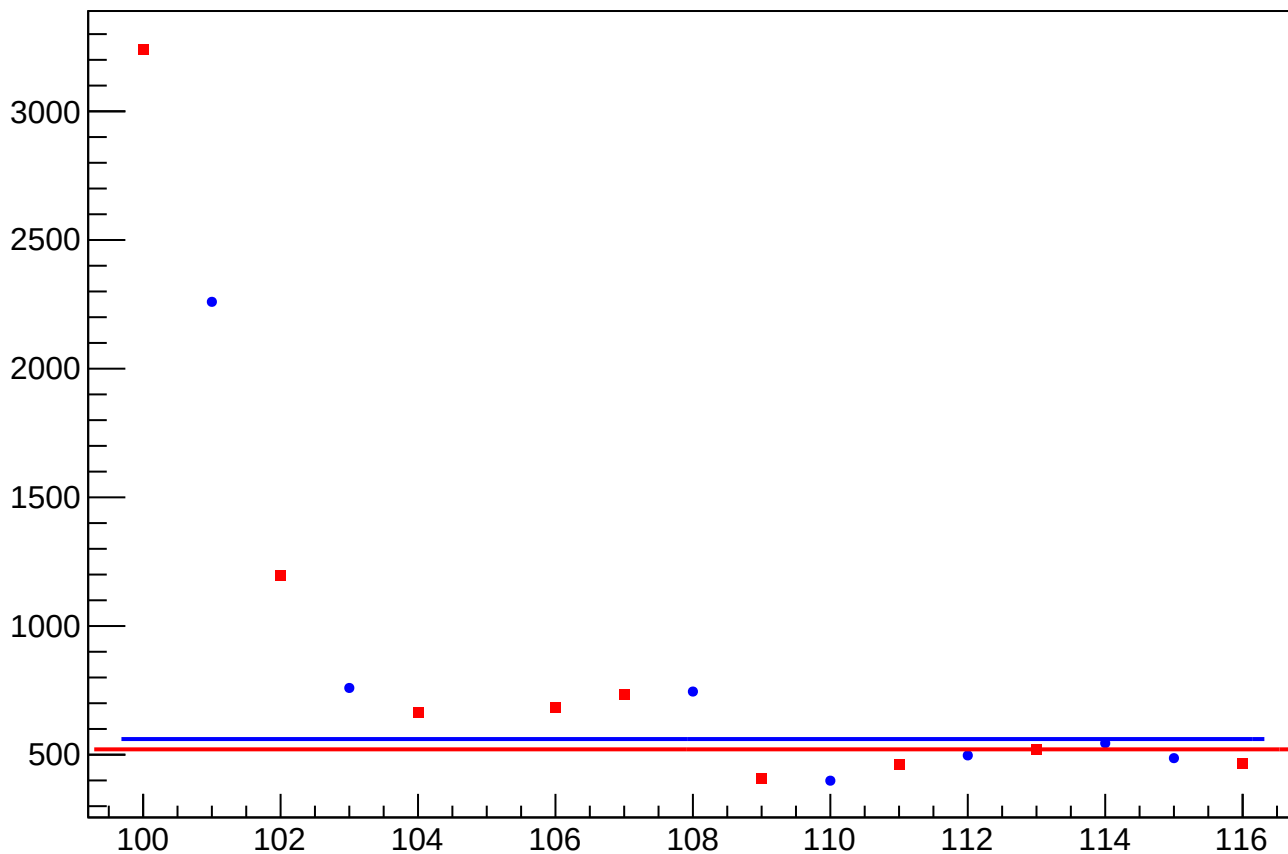
Right: 496.506+/-237.183 χ^2/NDF : 6.0/15

In: 199.672+/-373.035 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.506+/-237.183 χ^2/NDF : 6.0/15

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.811+/-0.264 χ^2/NDF : 1014649.0/6

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

Right Out: 520.782+/-0.217 χ^2/NDF : 568120.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

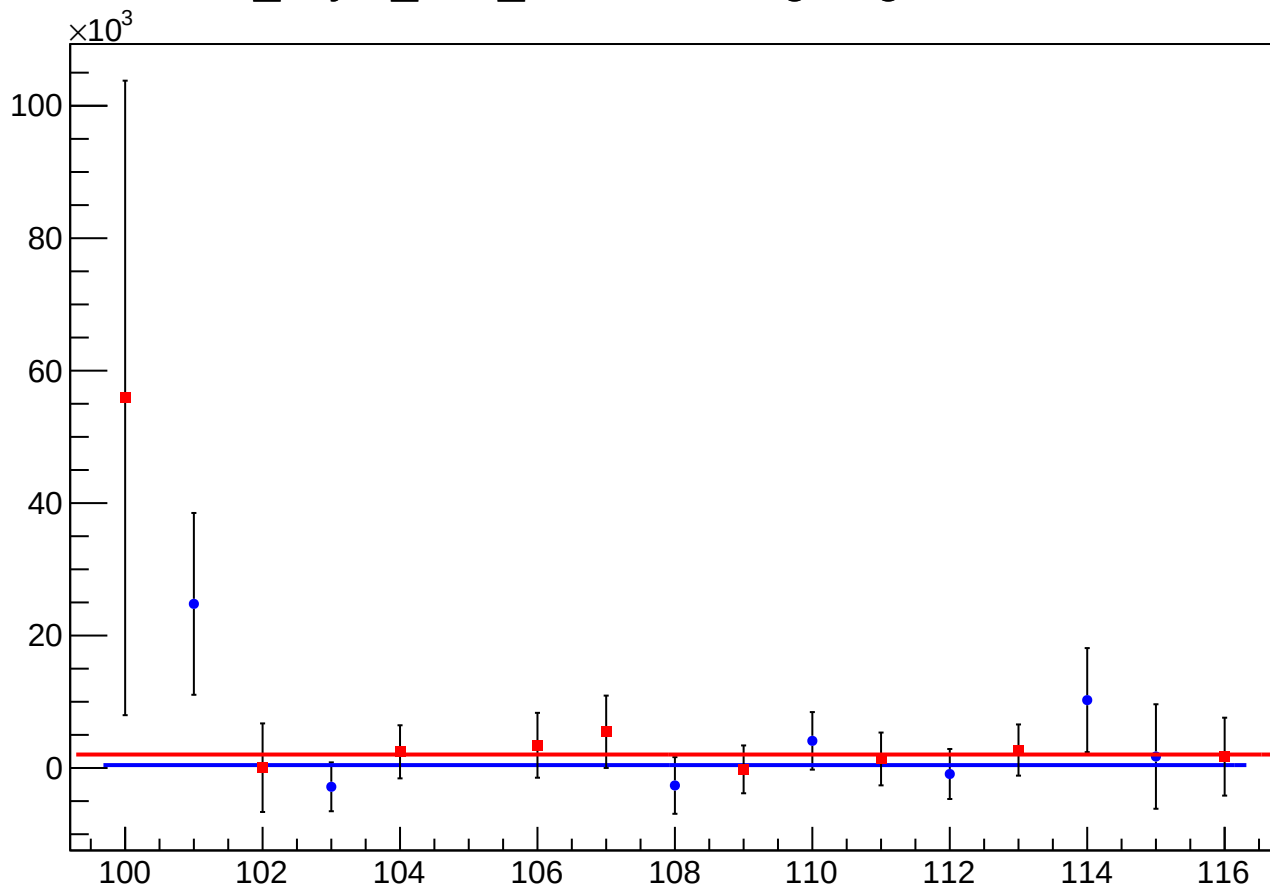
Right: 536.965+/-0.168 χ^2/NDF : 1596488.5/15

In: 560.811+/-0.264 χ^2/NDF : 1014649.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.965+/-0.168 χ^2/NDF : 1596488.5/15

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 437.365 ± 1861.011 χ^2/NDF : 6.9/6

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

Right Out: 2033.576 ± 1589.845 χ^2/NDF : 2.3/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

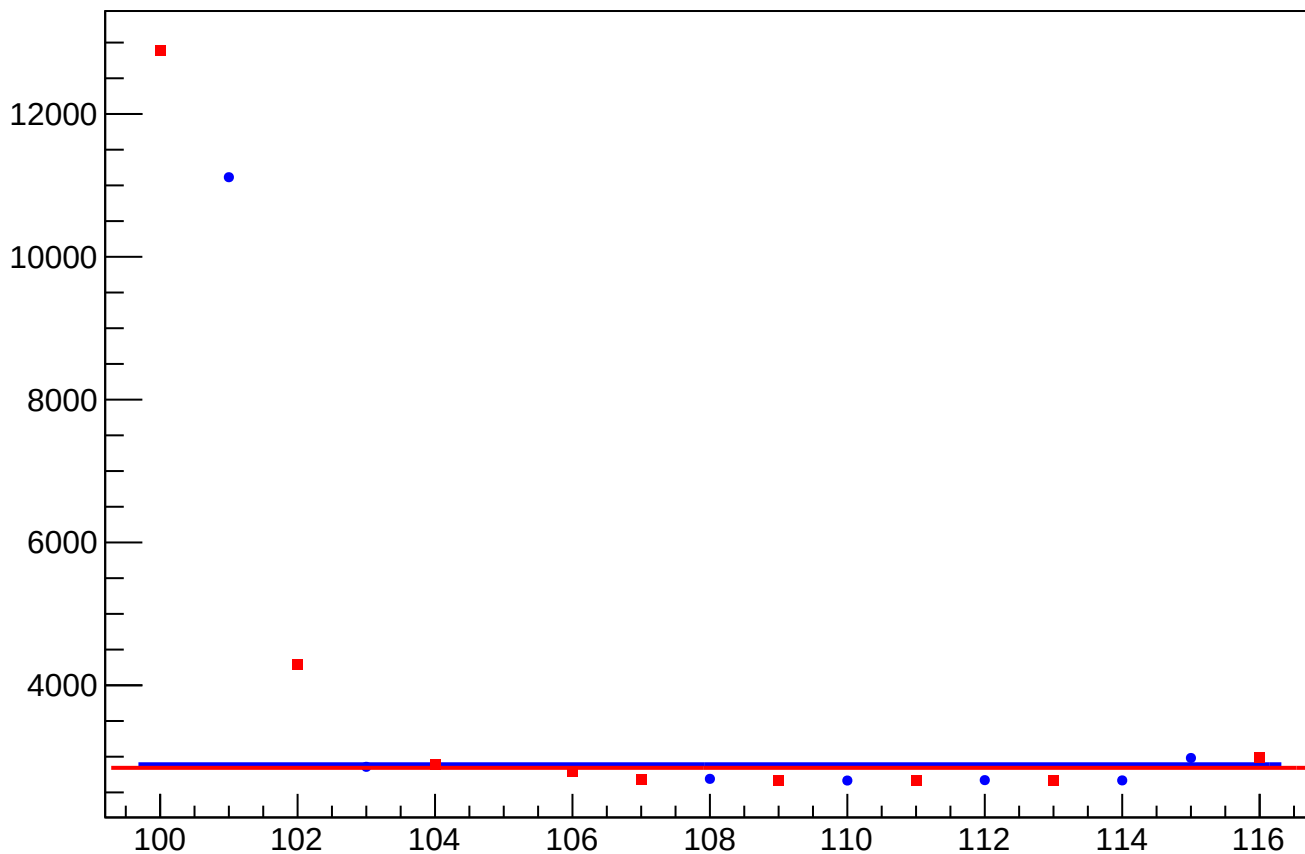
Right: 1360.130 ± 1208.802 χ^2/NDF : 9.6/15

In: 437.365 ± 1861.011 χ^2/NDF : 6.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1360.130 ± 1208.802 χ^2/NDF : 9.6/15

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2893.941+/-1.316 χ^2/NDF : 736294.7/6

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

Right Out: 2844.057+/-1.124 χ^2/NDF : 198553.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

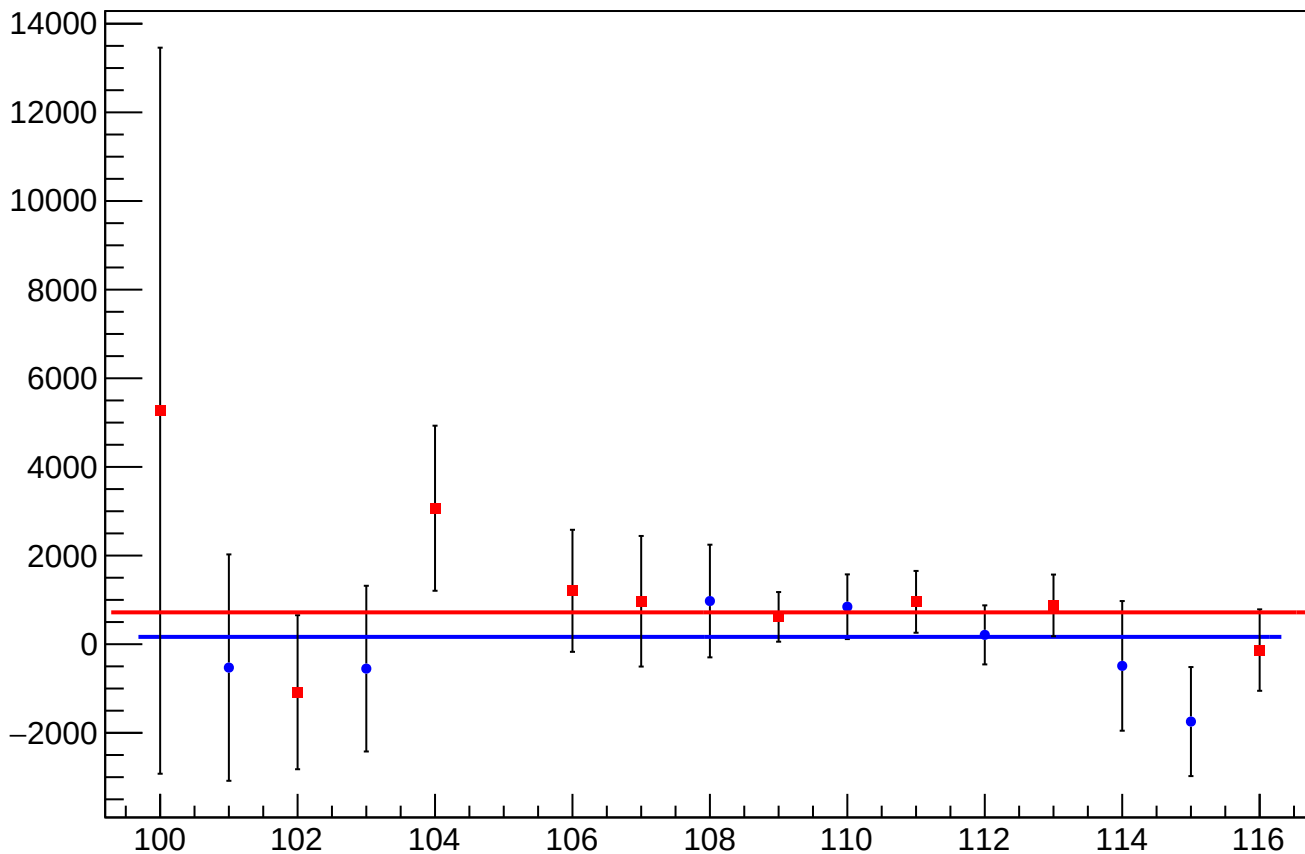
Right: 2865.103+/-0.855 χ^2/NDF : 935678.6/15

In: 2893.941+/-1.316 χ^2/NDF : 736294.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2865.103+/-0.855 χ^2/NDF : 935678.6/15

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 165.192+/-397.921 χ^2/NDF : 4.1/6

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

Right Out: 718.589+/-314.373 χ^2/NDF : 4.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

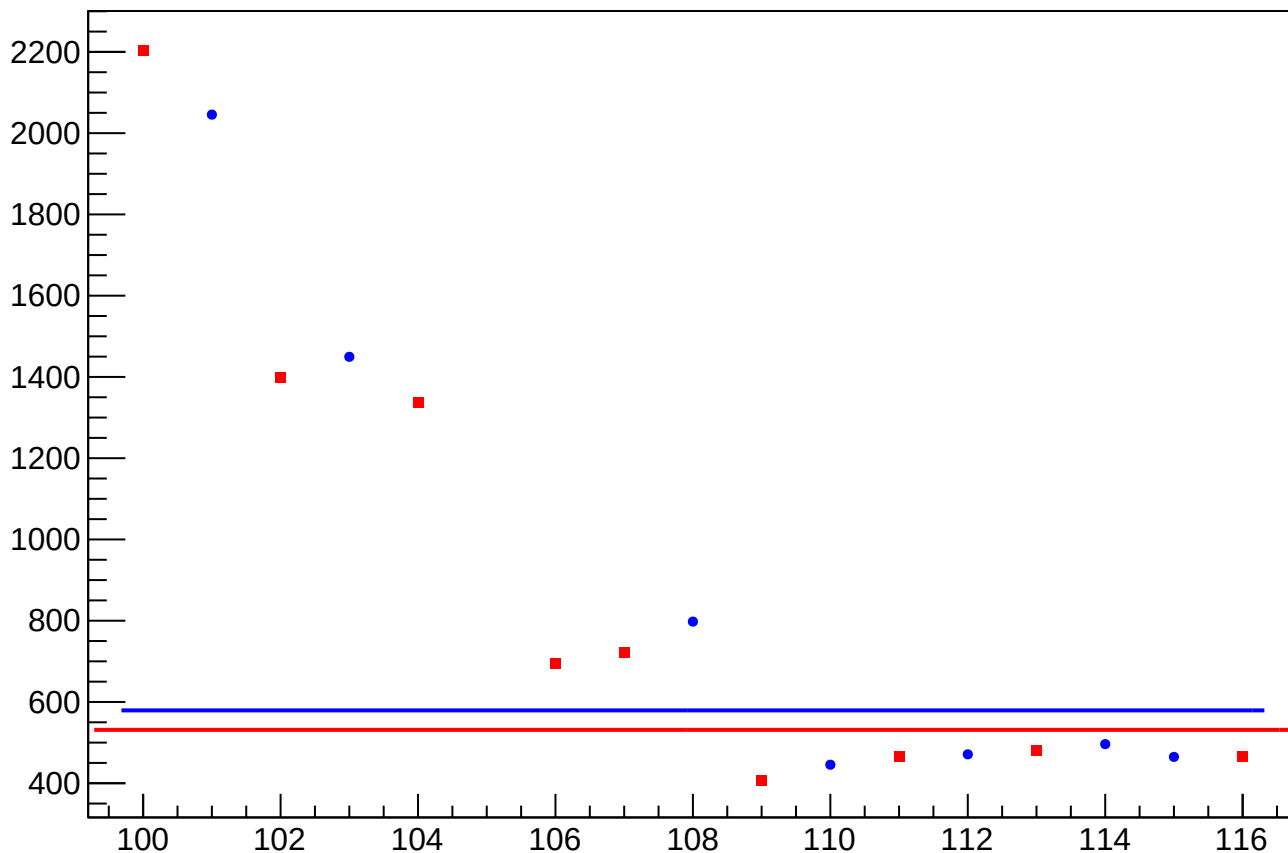
Right: 505.920+/-246.678 χ^2/NDF : 9.5/15

In: 165.192+/-397.921 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.920+/-246.678 χ^2/NDF : 9.5/15

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.307+/-0.281 χ^2/NDF : 1295308.1/6

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

Right Out: 531.380+/-0.222 χ^2/NDF : 1155059.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

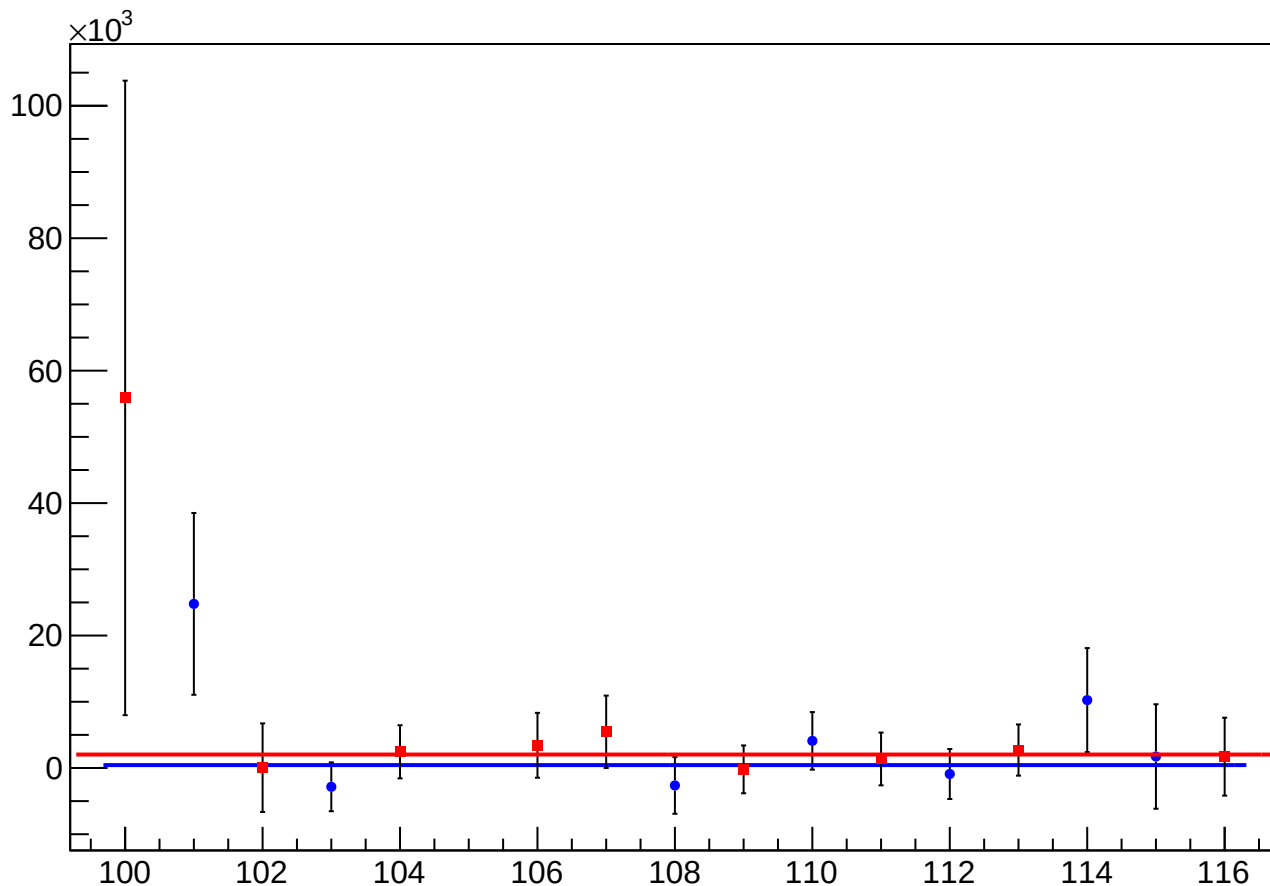
Right: 549.798+/-0.174 χ^2/NDF : 2468230.6/15

In: 579.307+/-0.281 χ^2/NDF : 1295308.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.798+/-0.174 χ^2/NDF : 2468230.6/15

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 437.366 $\pm$ 1861.011 χ^2/NDF : 6.9/6

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

Right Out: 2033.573 $\pm$ 1589.845 χ^2/NDF : 2.3/8

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

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

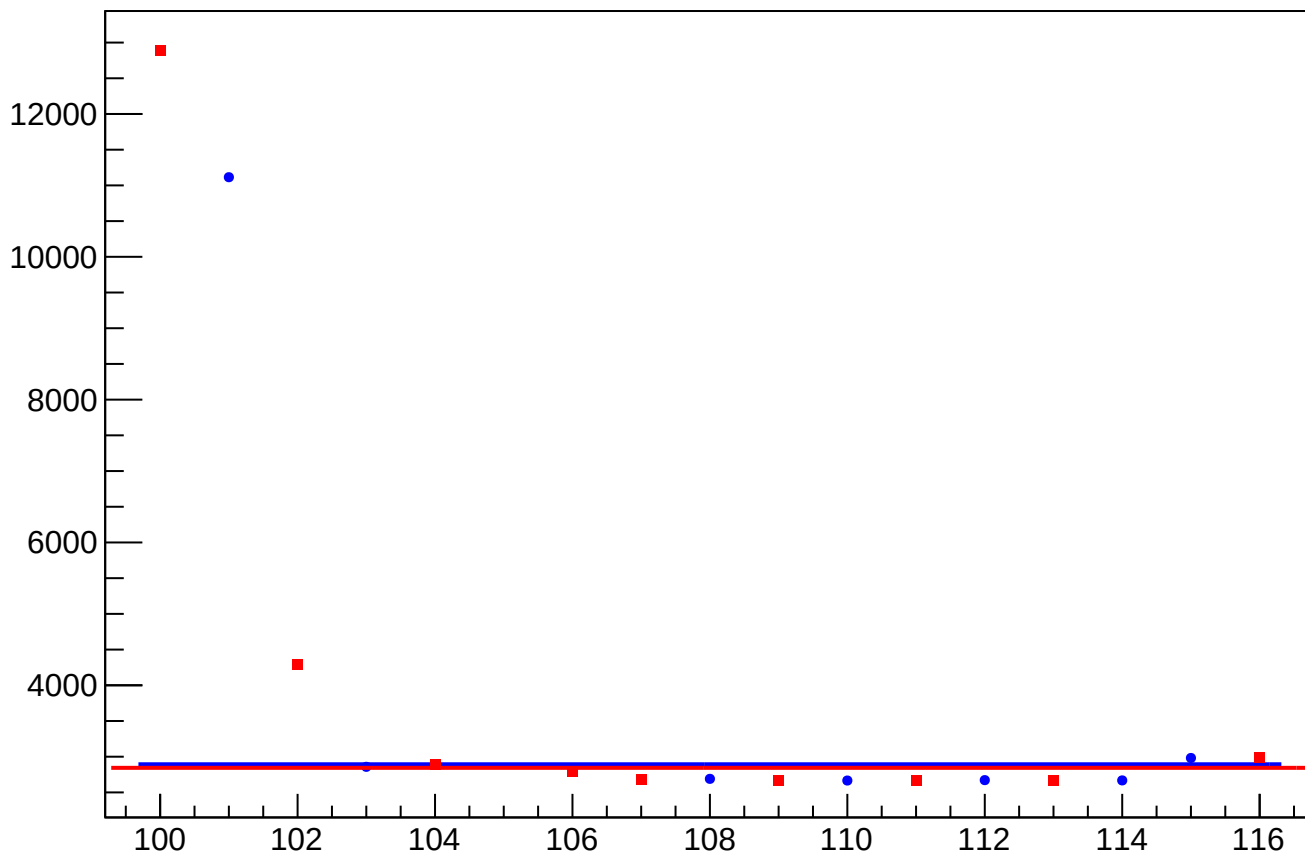
Right: 1360.129 $\pm$ 1208.802 χ^2/NDF : 9.6/15

In: 437.366 $\pm$ 1861.011 χ^2/NDF : 6.9/6

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

All: 1360.129 $\pm$ 1208.802 χ^2/NDF : 9.6/15

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2893.941+/-1.316 χ^2/NDF : 736294.7/6

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

Right Out: 2844.056+/-1.124 χ^2/NDF : 198552.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

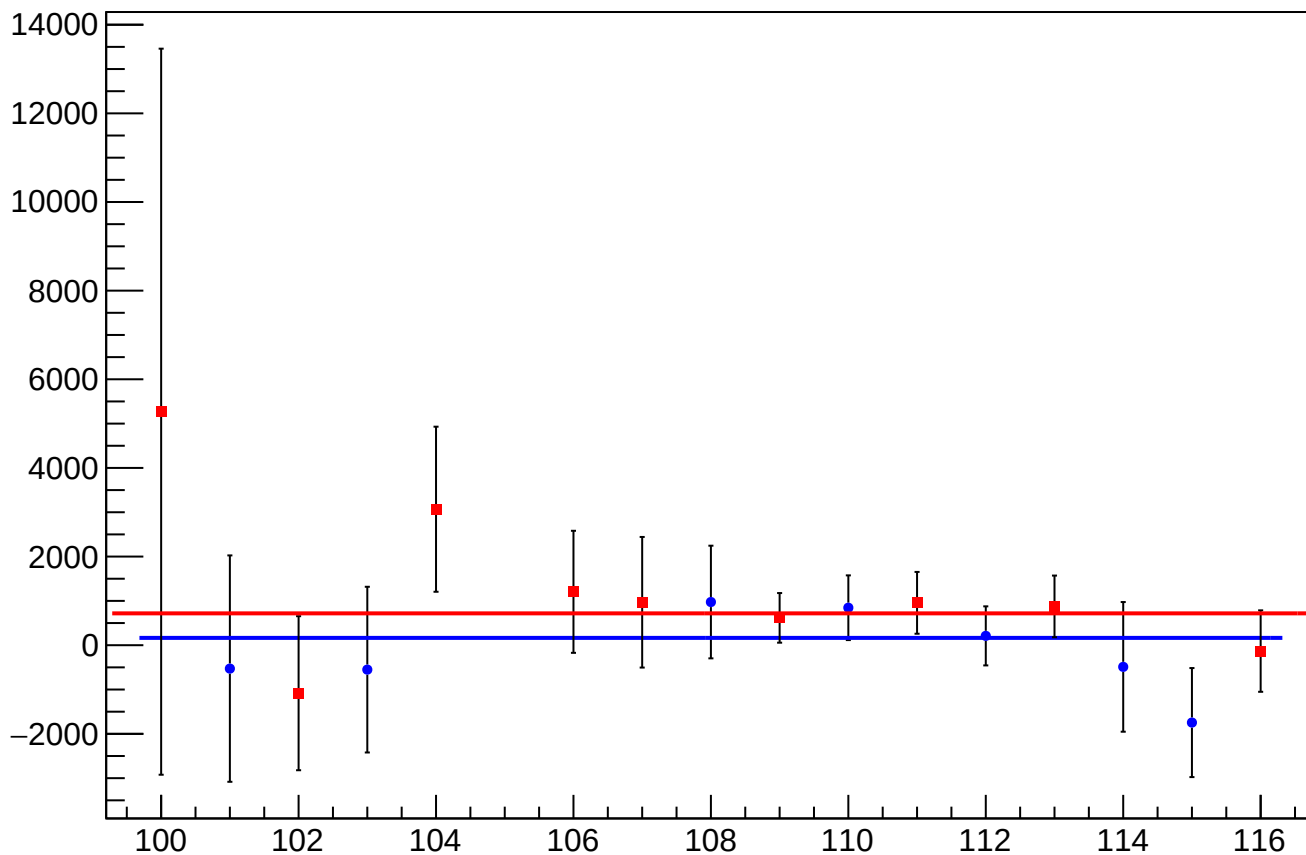
Right: 2865.103+/-0.855 χ^2/NDF : 935678.4/15

In: 2893.941+/-1.316 χ^2/NDF : 736294.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2865.103+/-0.855 χ^2/NDF : 935678.4/15

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 165.194+/-397.921 χ^2/NDF : 4.1/6

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

Right Out: 718.588+/-314.373 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

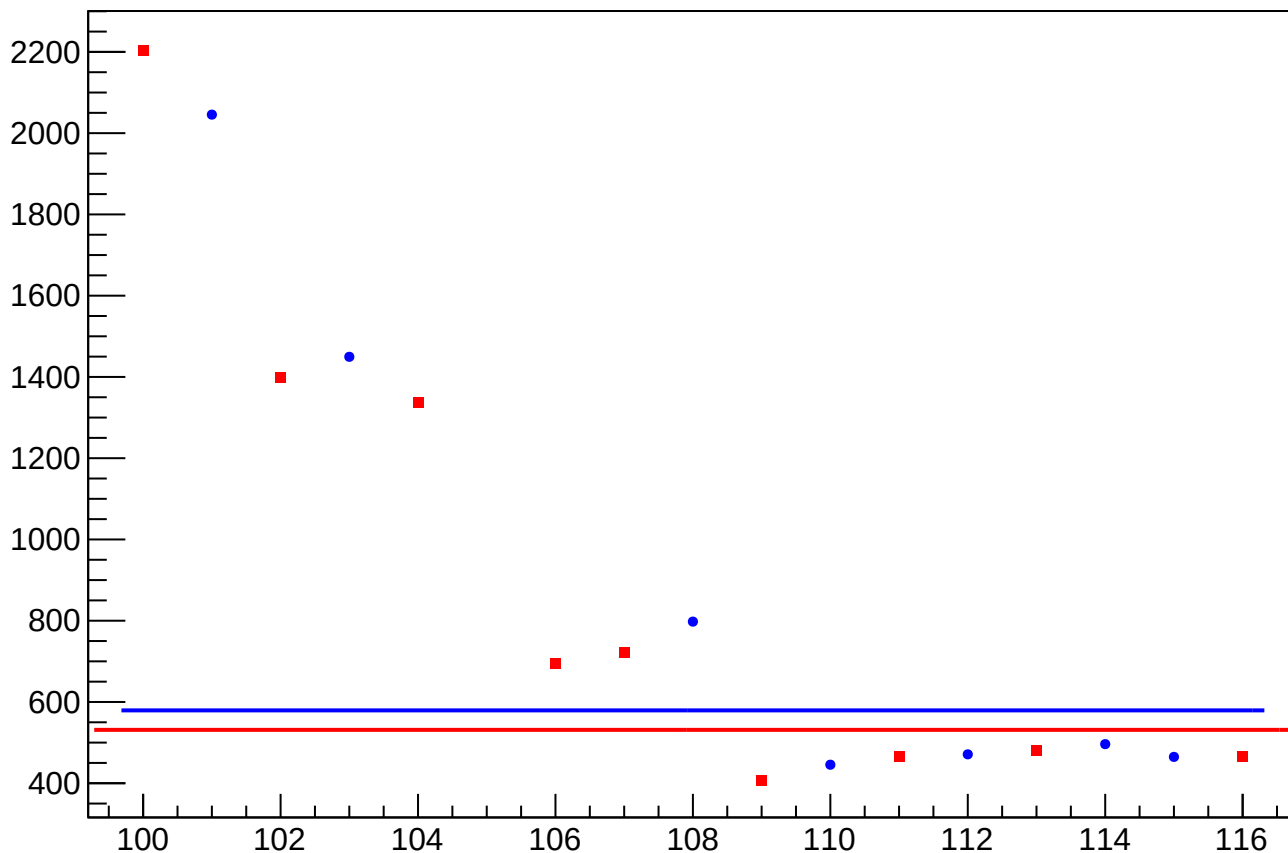
Right: 505.921+/-246.678 χ^2/NDF : 9.5/15

In: 165.194+/-397.921 χ^2/NDF :4.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 505.921+/-246.678 χ^2/NDF : 9.5/15

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.308+/-0.281 χ^2/NDF : 1295301.1/6

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

Right Out: 531.381+/-0.222 χ^2/NDF : 1155055.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

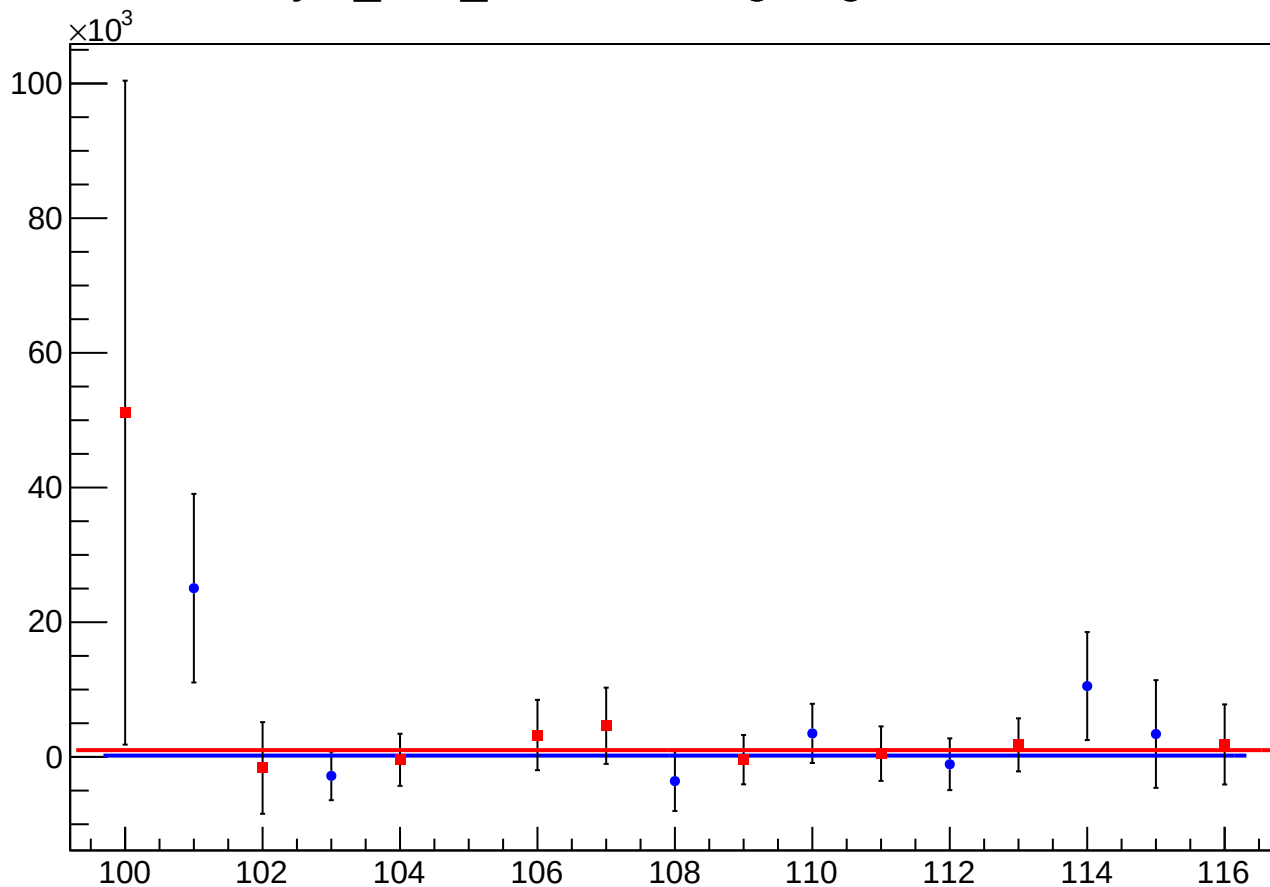
Right: 549.799+/-0.174 χ^2/NDF : 2468220.4/15

In: 579.308+/-0.281 χ^2/NDF : 1295301.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.799+/-0.174 χ^2/NDF : 2468220.4/15

asym_atr1_mean vs Slug, Sign Corrected



Right In: 193.439+/-1880.020 χ^2/NDF : 7.1/6

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

Right Out: 1003.494+/-1611.395 χ^2/NDF : 2.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

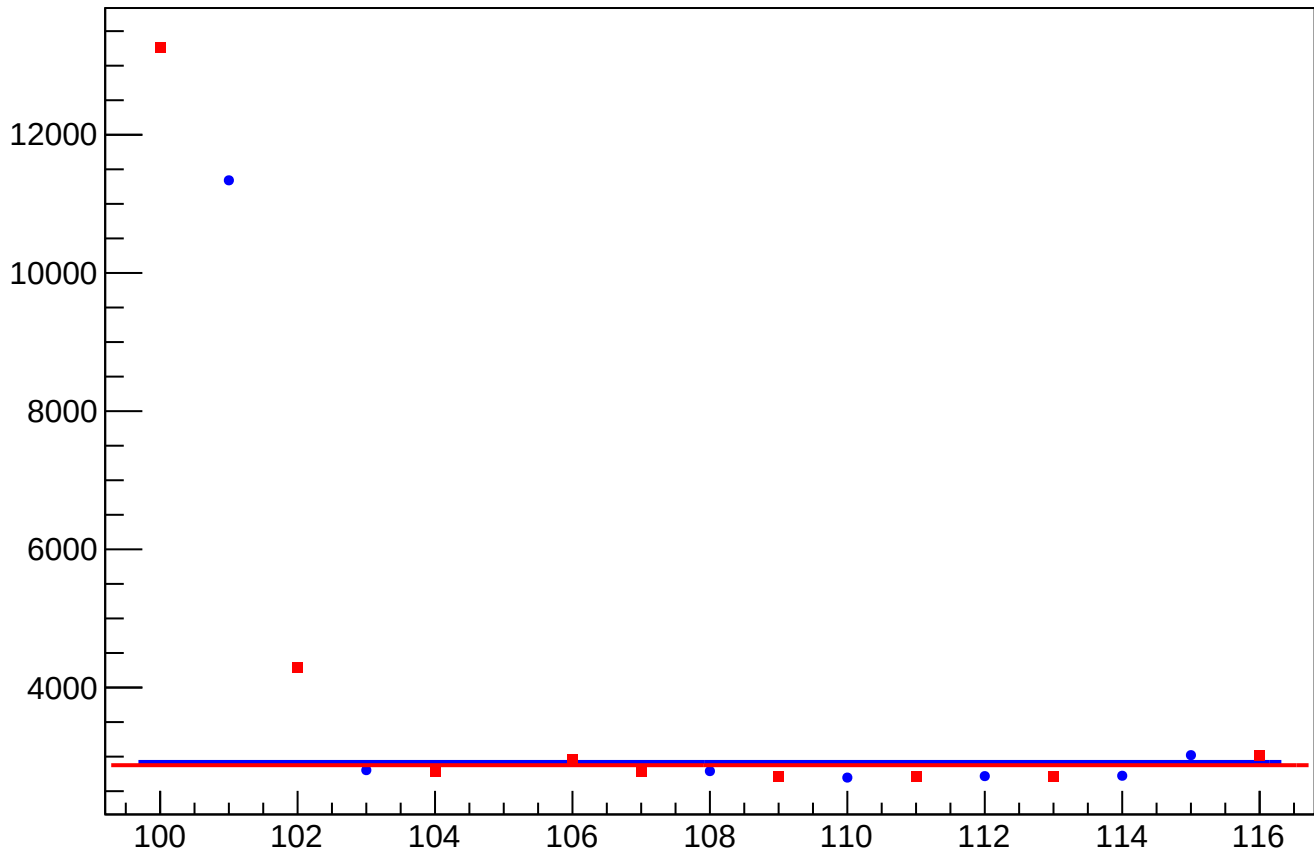
Right: 660.424+/-1223.478 χ^2/NDF : 9.3/15

In: 193.439+/-1880.020 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.424+/-1223.478 χ^2/NDF : 9.3/15

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2922.869+/-1.329 χ^2/NDF : 738970.2/6

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

Right Out: 2876.042+/-1.139 χ^2/NDF : 190000.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

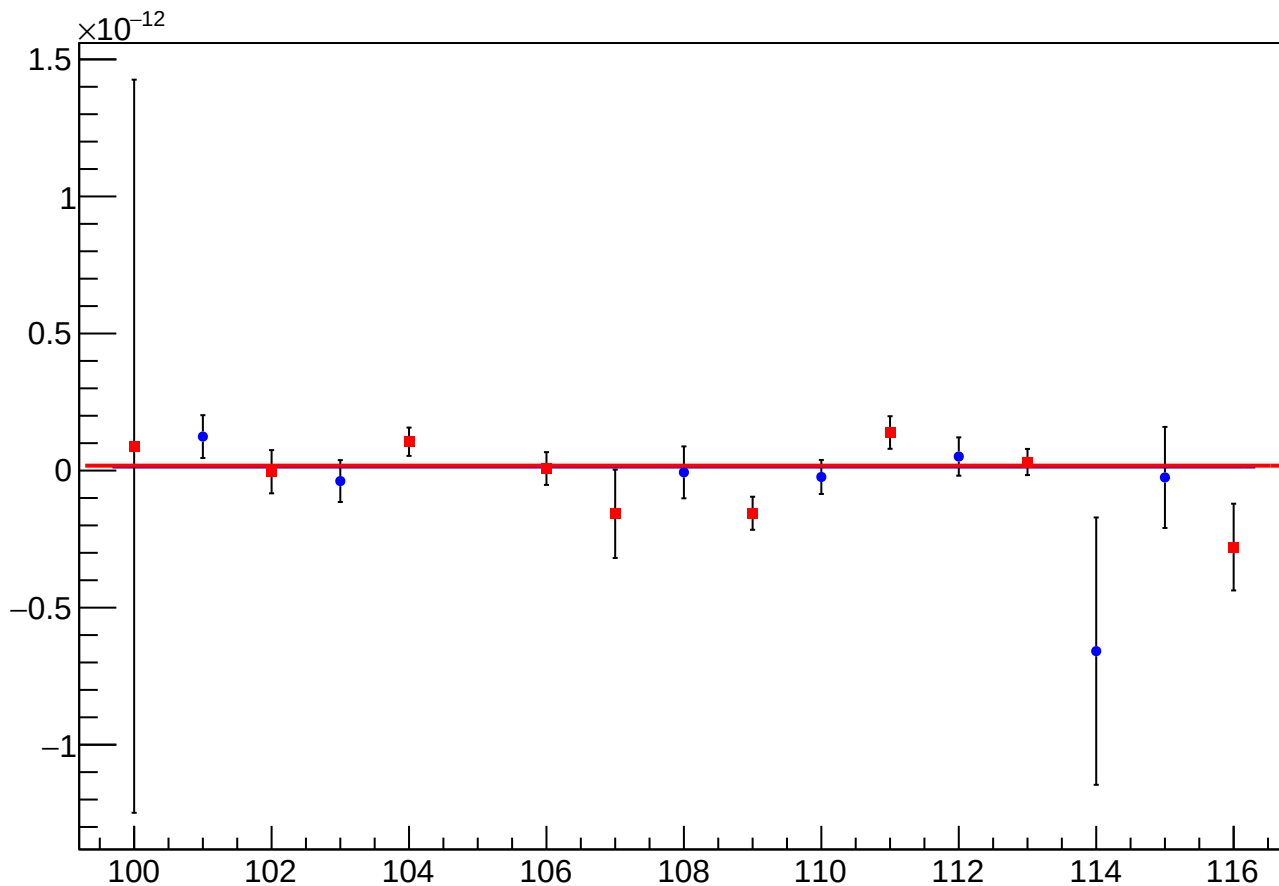
Right: 2895.874+/-0.865 χ^2/NDF : 929685.7/15

In: 2922.869+/-1.329 χ^2/NDF : 738970.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2895.874+/-0.865 χ^2/NDF : 929685.7/15

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 20.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

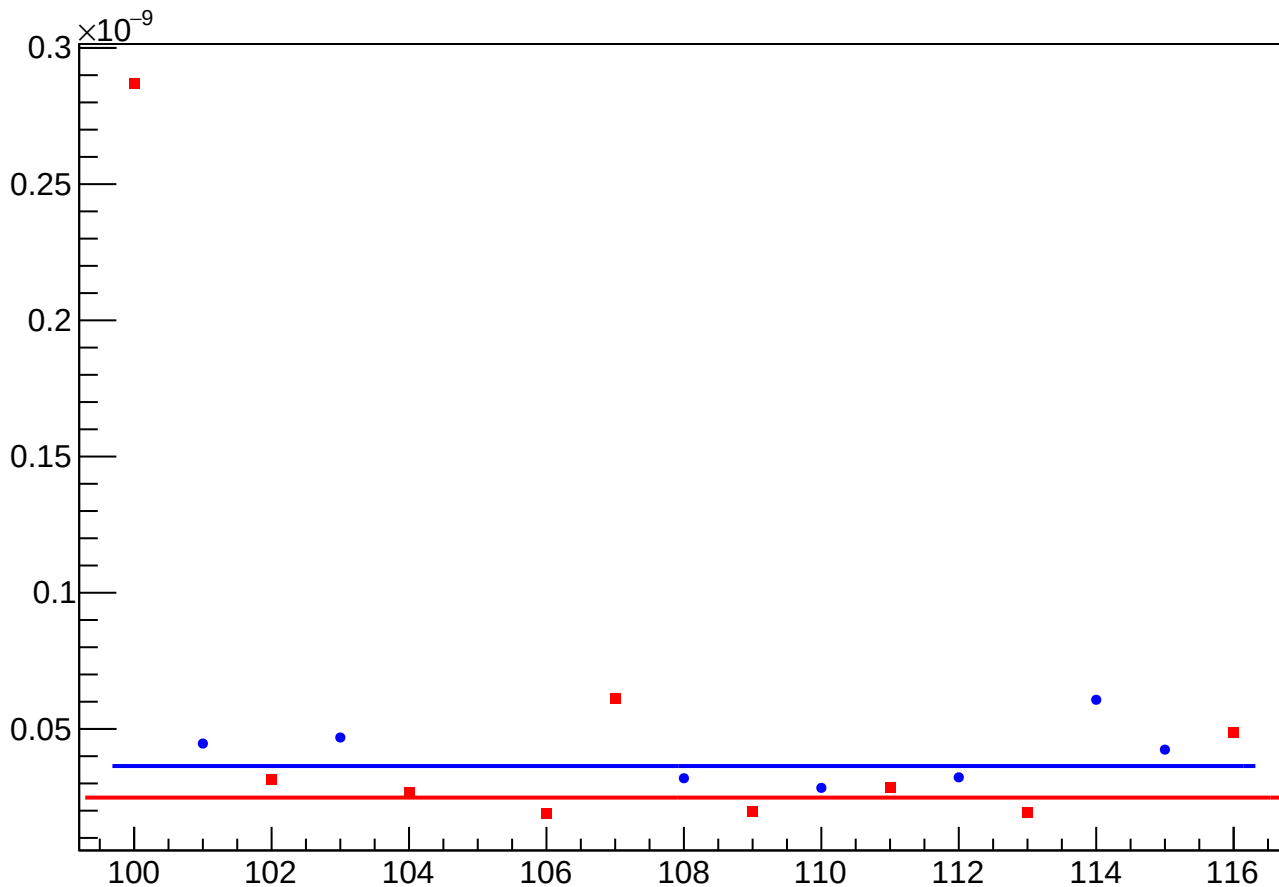
Right: 0.000+/-0.000 χ^2/NDF : 25.3/15

In: 0.000+/-0.000 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.3/15

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 111973.6/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 308361.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

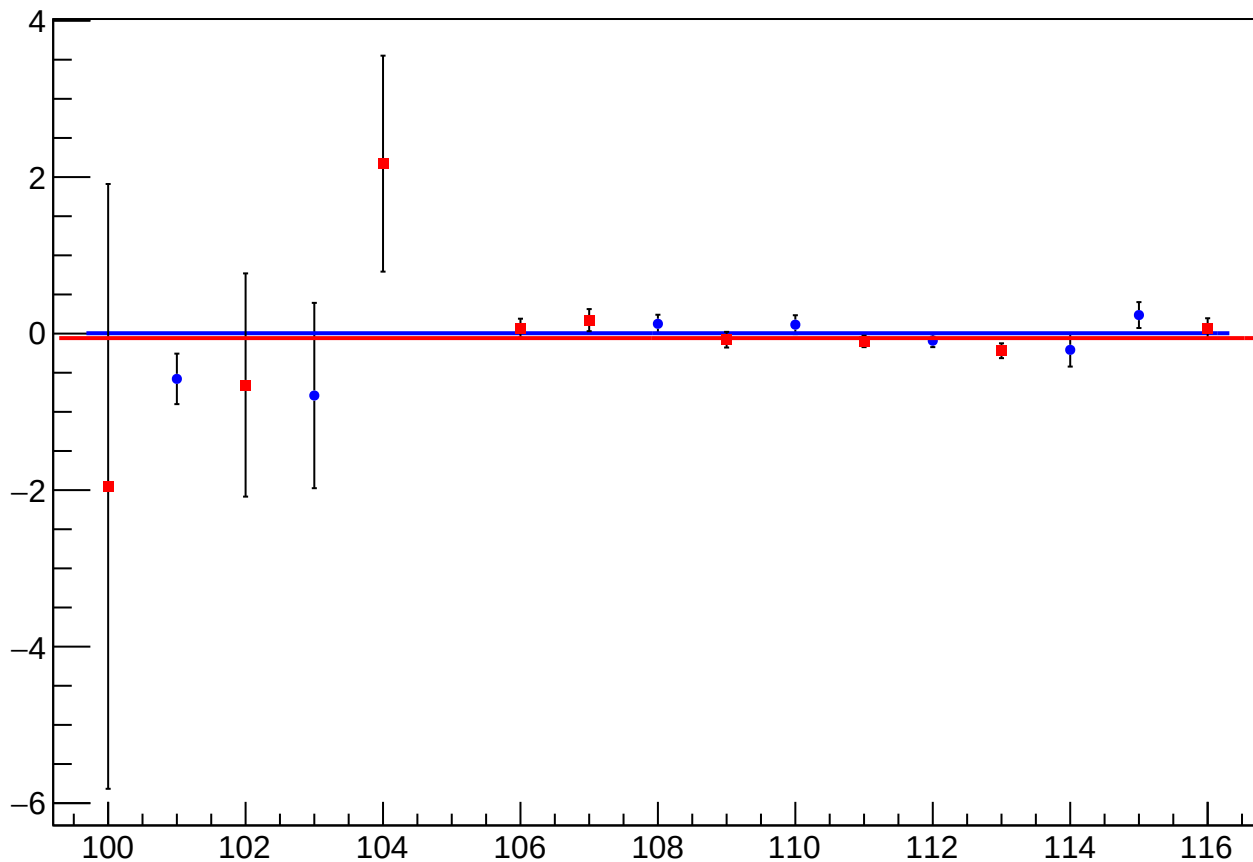
Right: 0.000+/-0.000 χ^2/NDF : 589363.5/15

In: 0.000+/-0.000 χ^2/NDF : 111973.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 589363.5/15

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.053 χ^2/NDF : 9.9/6

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

Right Out: -0.058+/-0.042 χ^2/NDF : 10.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

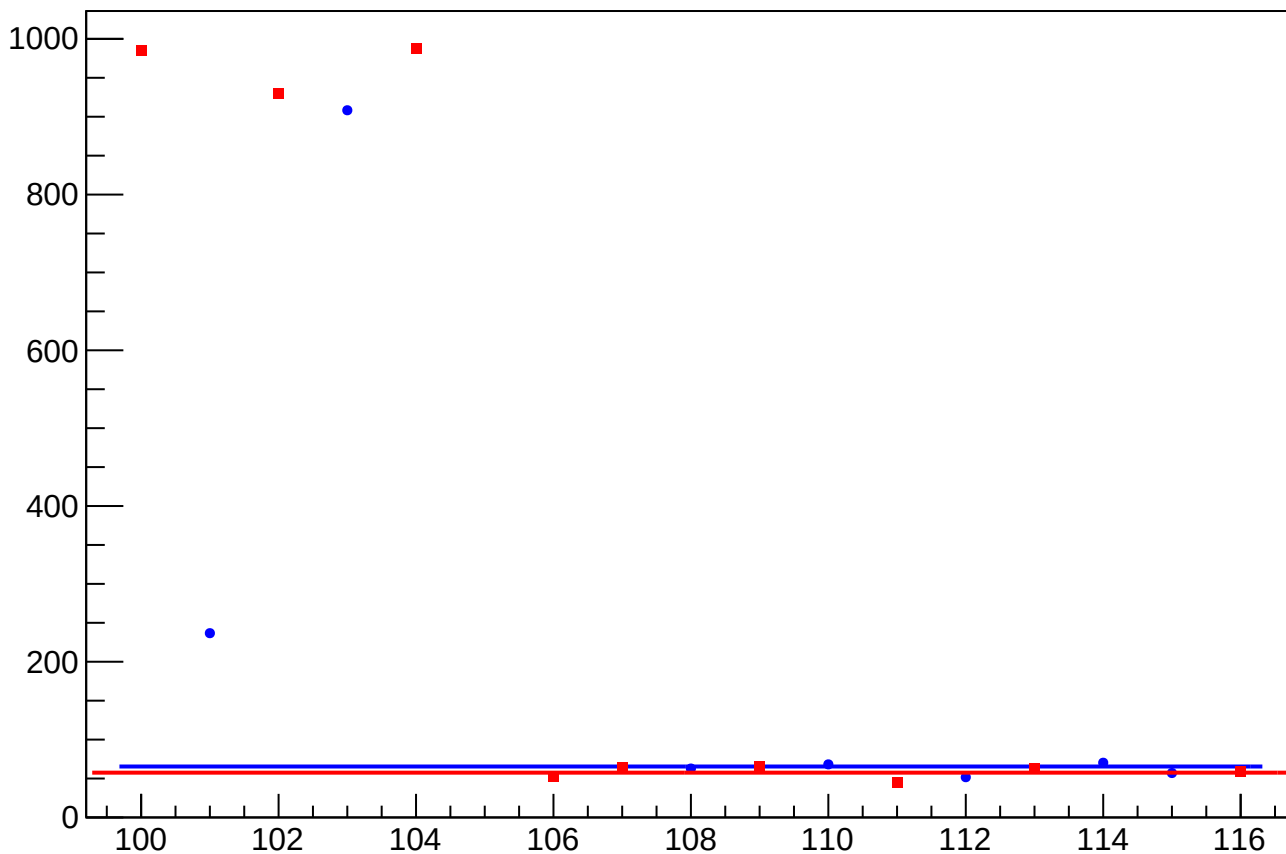
Right: -0.034+/-0.033 χ^2/NDF : 21.7/15

In: 0.005+/-0.053 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.033 χ^2/NDF : 21.7/15

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.442+/-0.037 χ^2/NDF : 1641179.8/6

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

Right Out: 57.533+/-0.029 χ^2/NDF : 1865607.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

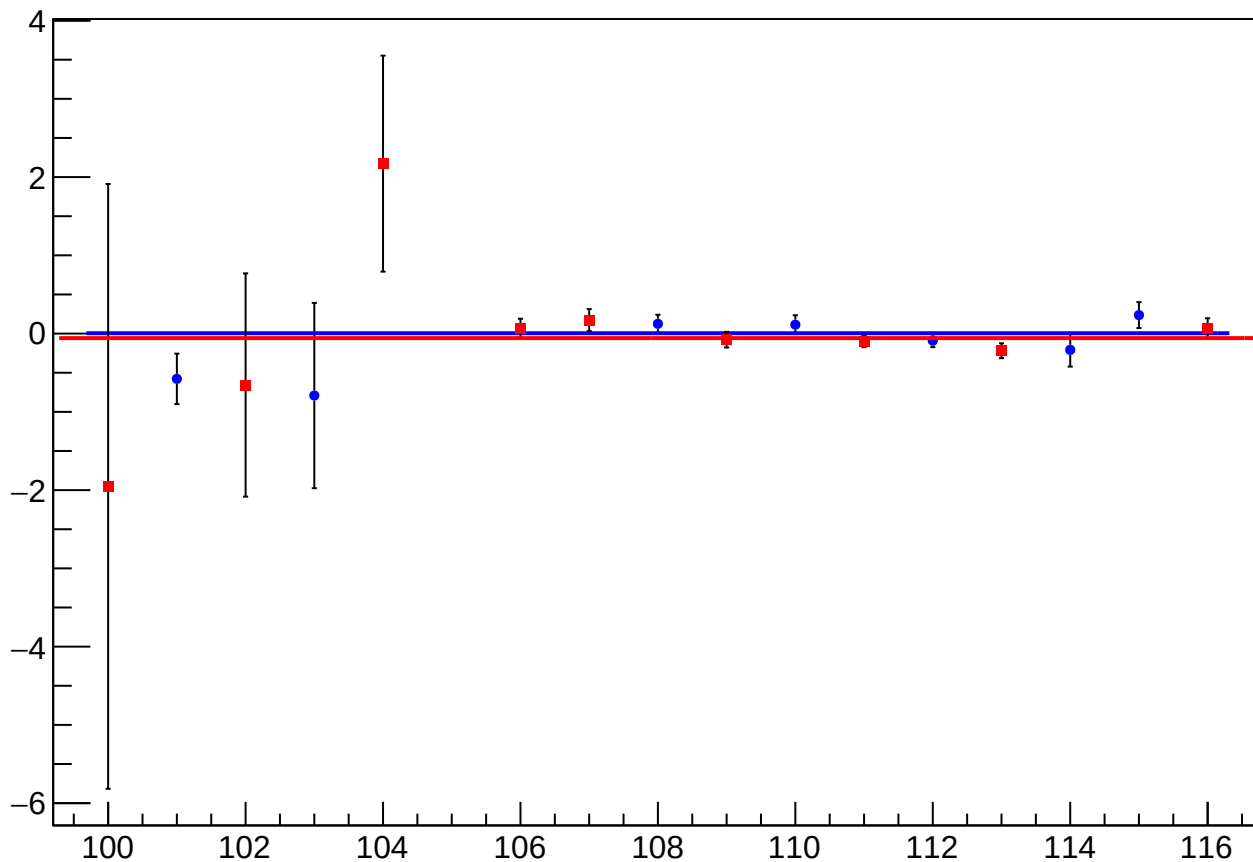
Right: 60.582+/-0.023 χ^2/NDF : 3534519.0/15

In: 65.442+/-0.037 χ^2/NDF : 1641179.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.582+/-0.023 χ^2/NDF : 3534519.0/15

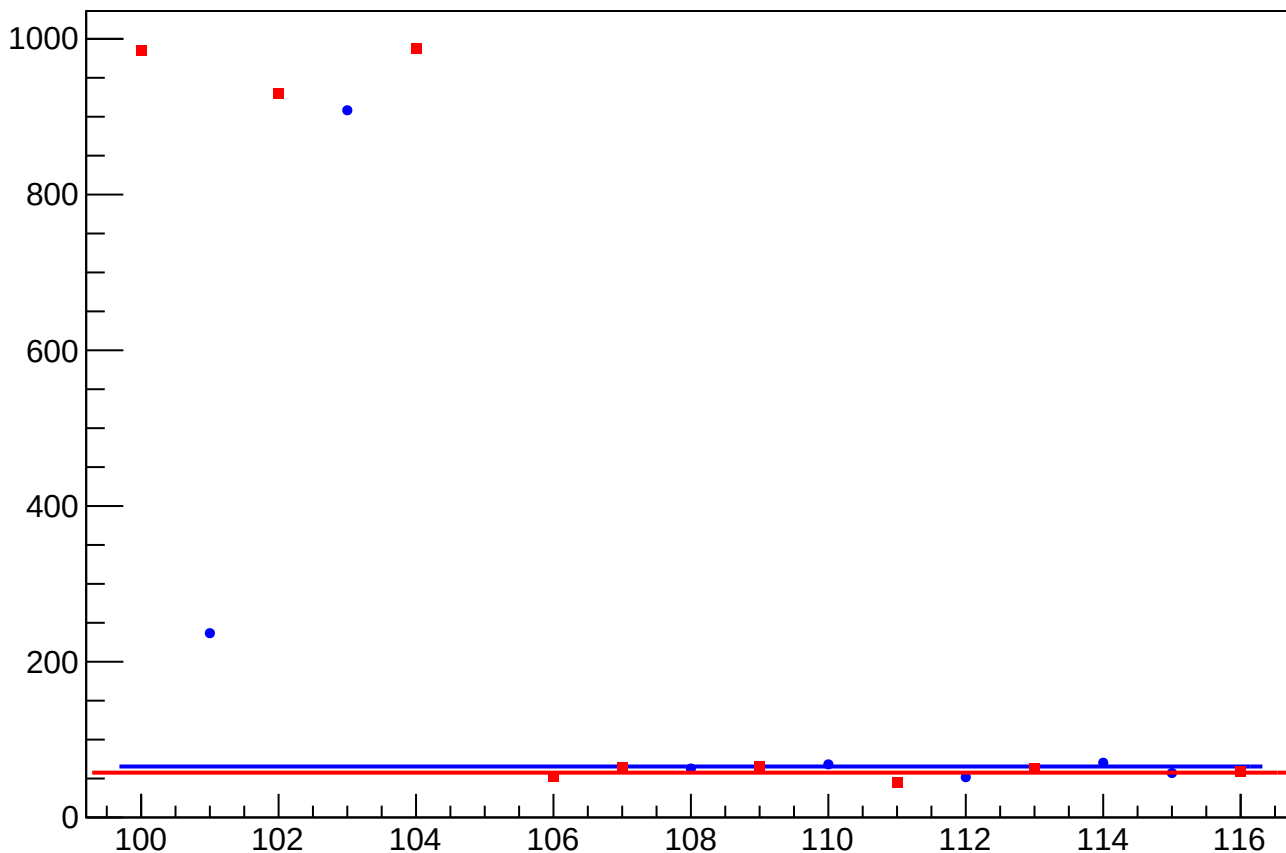
asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.053 χ^2/NDF : 9.9/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.058+/-0.042 χ^2/NDF : 10.9/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.034+/-0.033 χ^2/NDF : 21.7/15
 In: 0.005+/-0.053 χ^2/NDF : 9.9/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.034+/-0.033 χ^2/NDF : 21.7/15

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.442+/-0.037 χ^2/NDF : 1641179.8/6

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

Right Out: 57.533+/-0.029 χ^2/NDF : 1865607.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

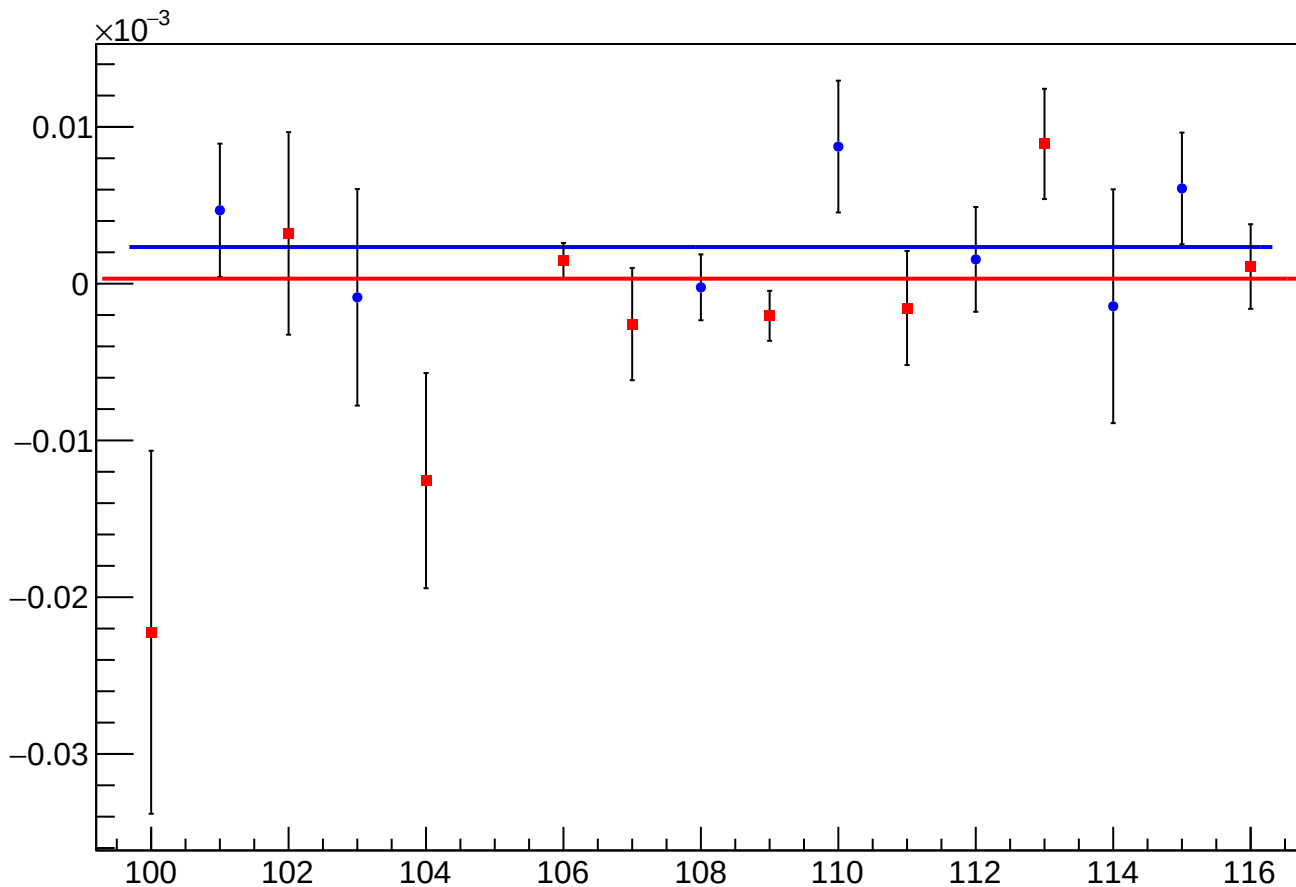
Right: 60.582+/-0.023 χ^2/NDF : 3534519.0/15

In: 65.442+/-0.037 χ^2/NDF : 1641179.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.582+/-0.023 χ^2/NDF : 3534519.0/15

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 5.8/6

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 17.7/8

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

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

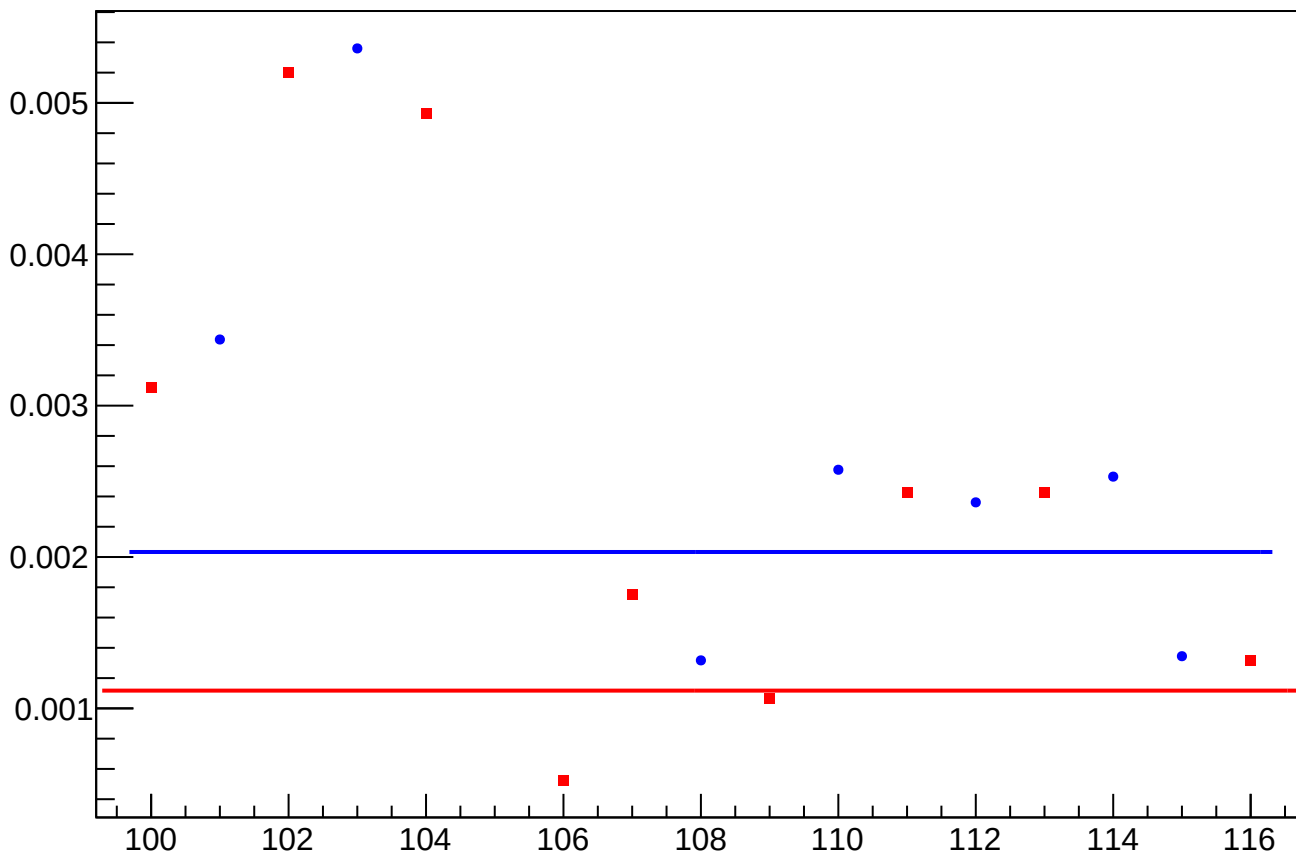
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 25.1/15

In: 0.000 $\pm$ 0.000 χ^2/NDF : 5.8/6

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 25.1/15

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1050660.6/6

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2628420.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

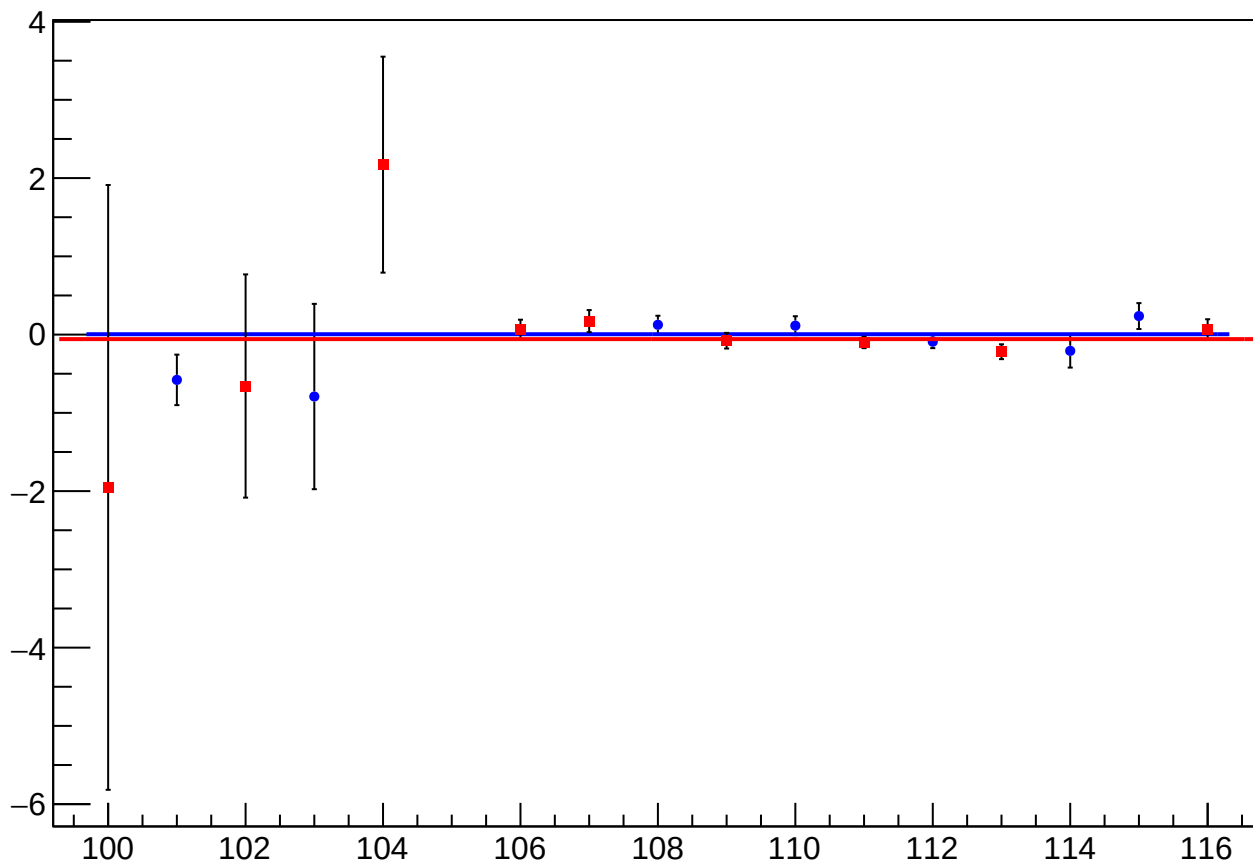
Right: 0.001+/-0.000 χ^2/NDF : 4359768.5/15

In: 0.002+/-0.000 χ^2/NDF :1050660.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4359768.5/15

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.053 χ^2/NDF : 9.9/6

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

Right Out: -0.058+/-0.042 χ^2/NDF : 10.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

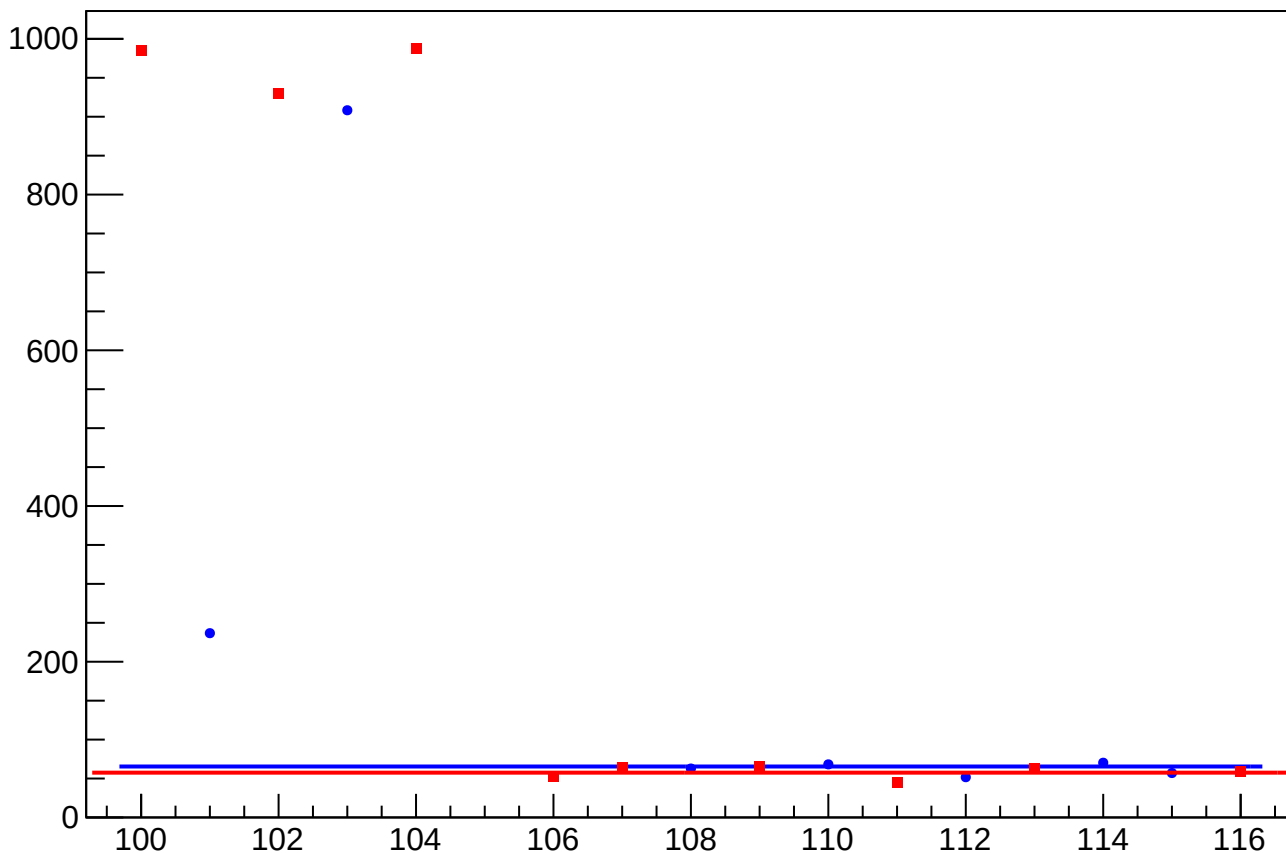
Right: -0.034+/-0.033 χ^2/NDF : 21.7/15

In: 0.005+/-0.053 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.033 χ^2/NDF : 21.7/15

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.442 $\pm$ 0.037 χ^2 /NDF: 1641182.8/6

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

Right Out: 57.533 $\pm$ 0.029 χ^2 /NDF: 1865607.4/8

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

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

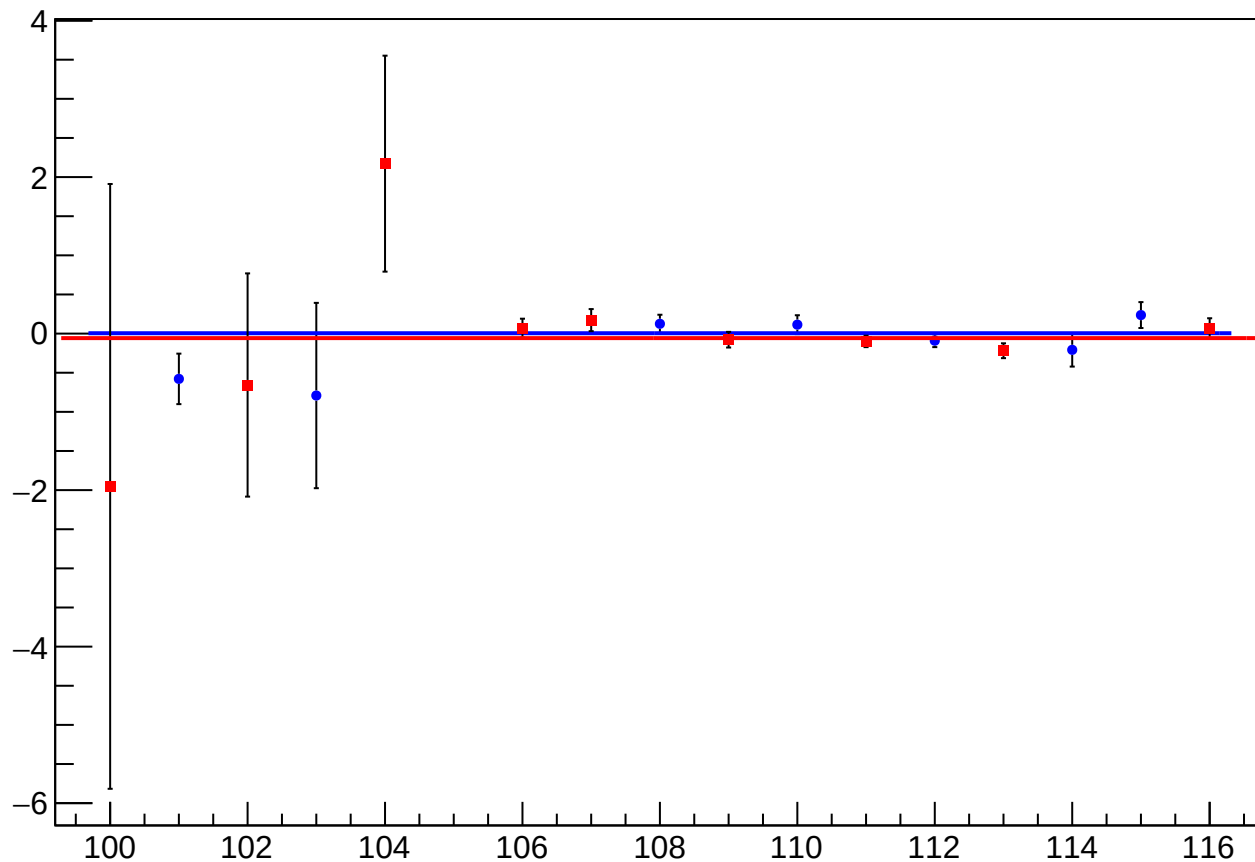
Right: 60.582 $\pm$ 0.023 χ^2 /NDF: 3534523.5/15

In: 65.442 $\pm$ 0.037 χ^2 /NDF:1641182.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.582 $\pm$ 0.023 χ^2 /NDF: 3534523.5/15

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.053 χ^2/NDF : 9.9/6

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

Right Out: -0.058+/-0.042 χ^2/NDF : 10.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

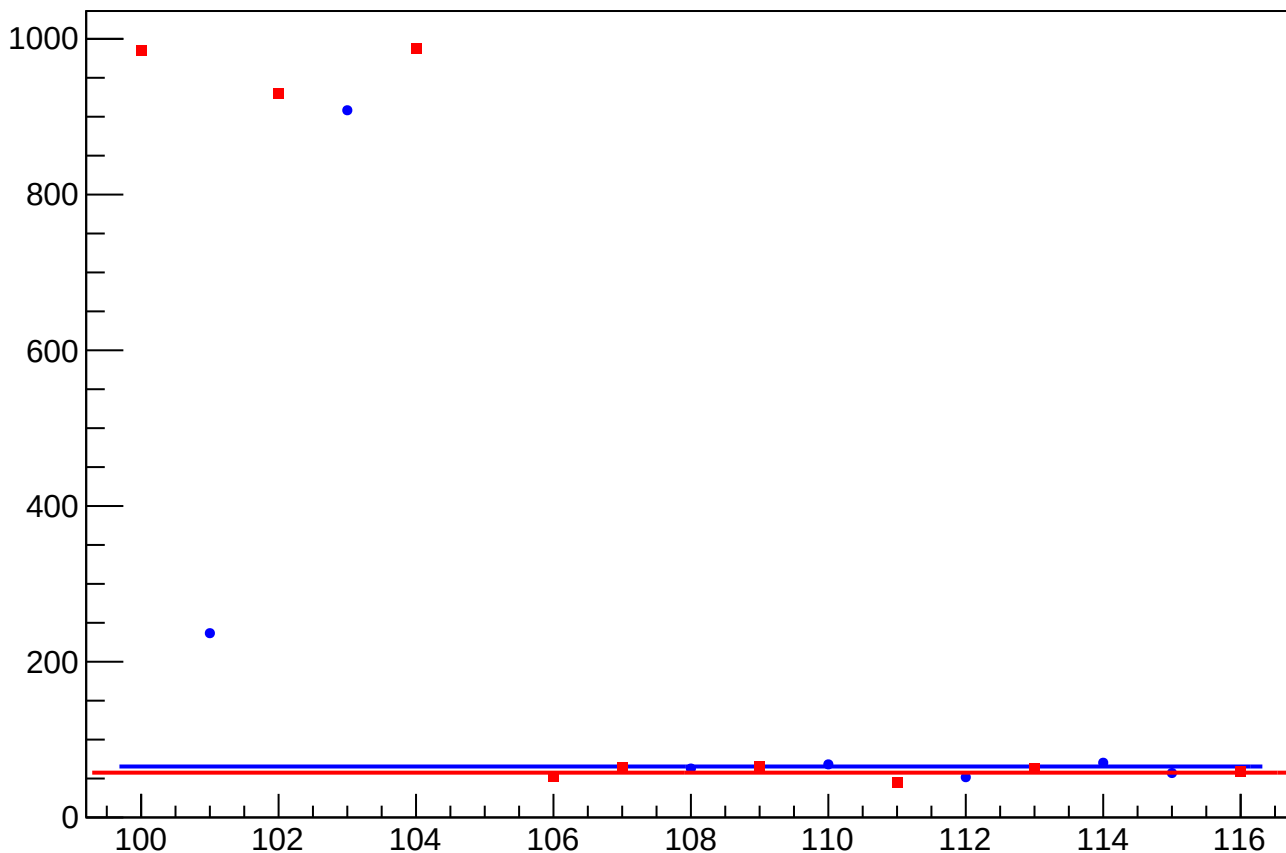
Right: -0.034+/-0.033 χ^2/NDF : 21.7/15

In: 0.005+/-0.053 χ^2/NDF : 9.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.033 χ^2/NDF : 21.7/15

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 65.442+/-0.037 χ^2/NDF : 1641182.8/6

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

Right Out: 57.533+/-0.029 χ^2/NDF : 1865607.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

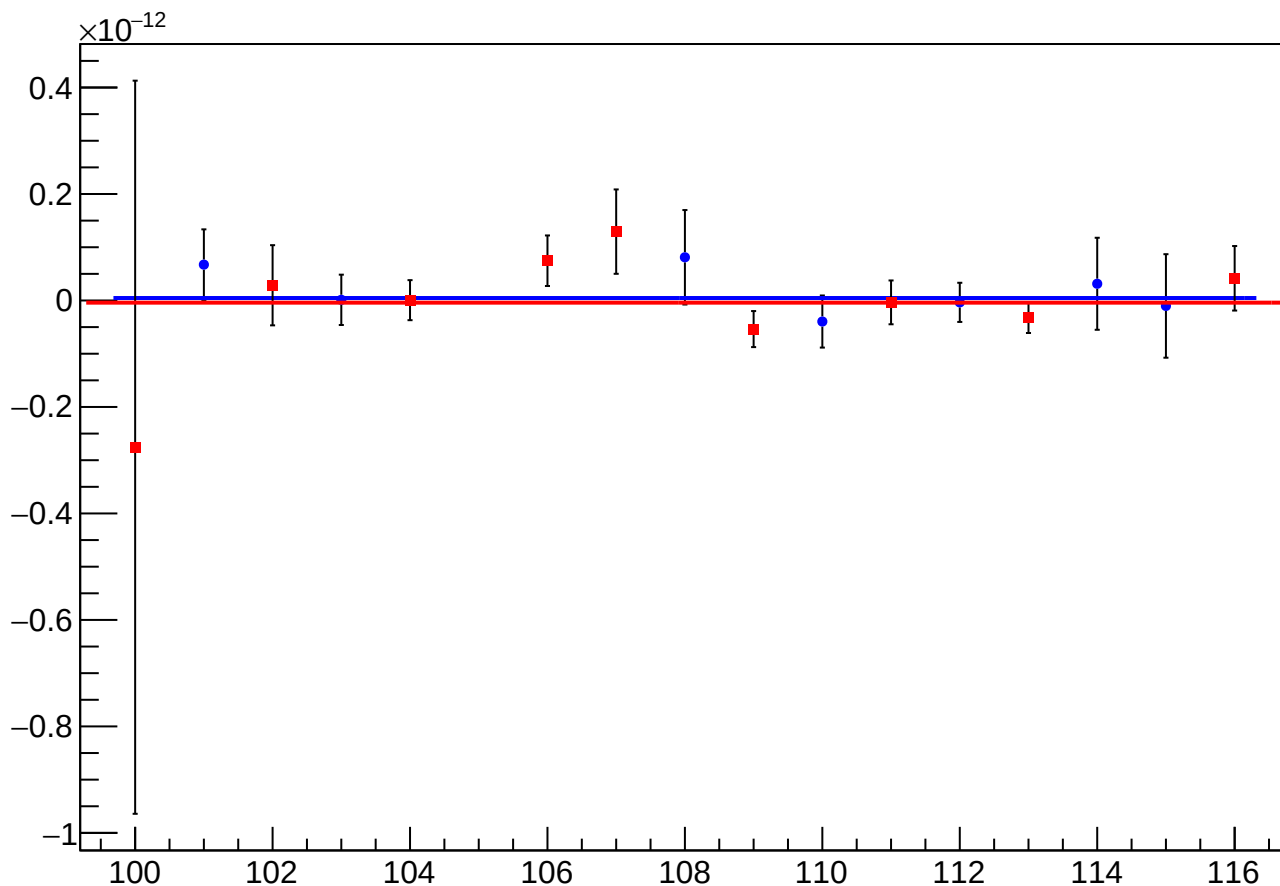
Right: 60.582+/-0.023 χ^2/NDF : 3534523.5/15

In: 65.442+/-0.037 χ^2/NDF : 1641182.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.582+/-0.023 χ^2/NDF : 3534523.5/15

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

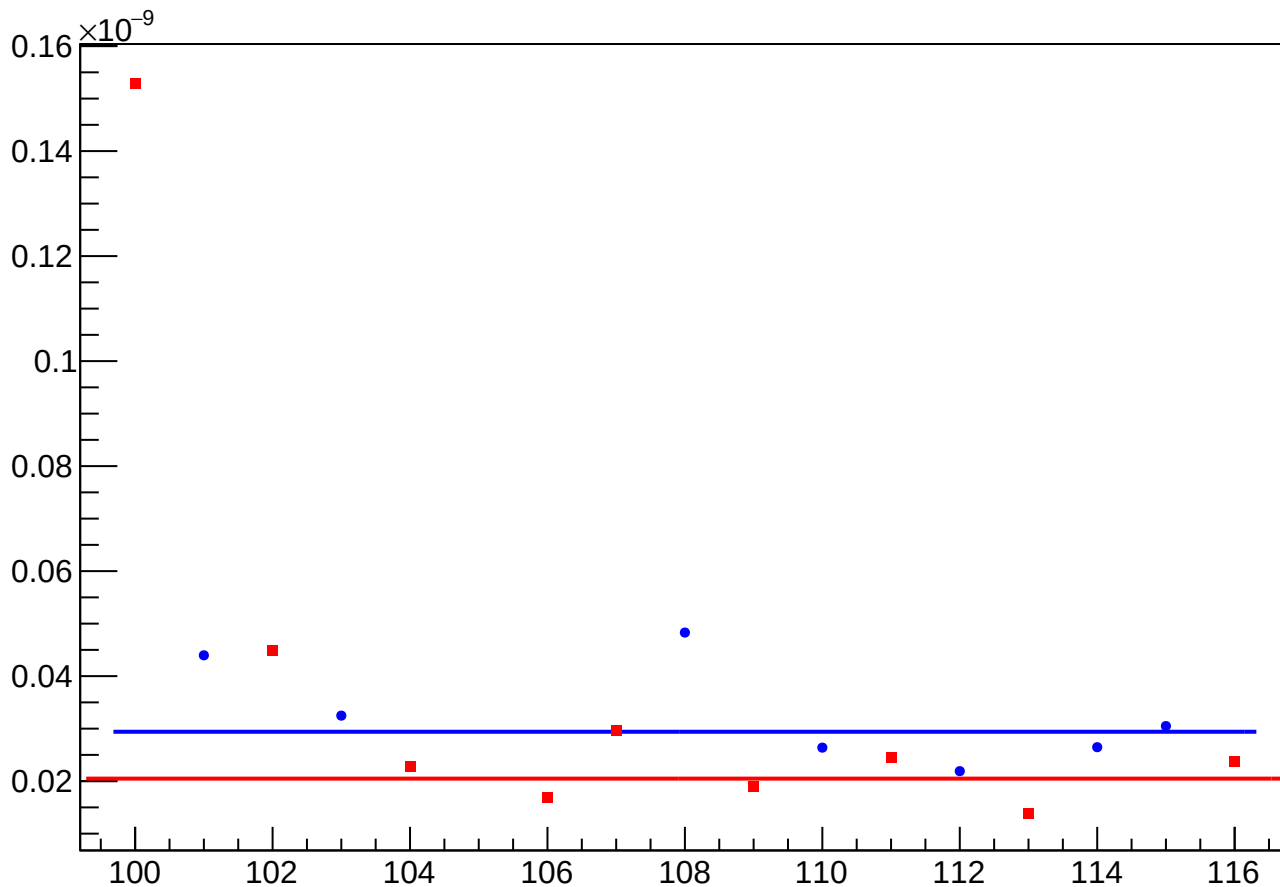
Right: -0.000+/-0.000 χ^2/NDF : 12.4/15

In: 0.000+/-0.000 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.4/15

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 289170.7/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 467573.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

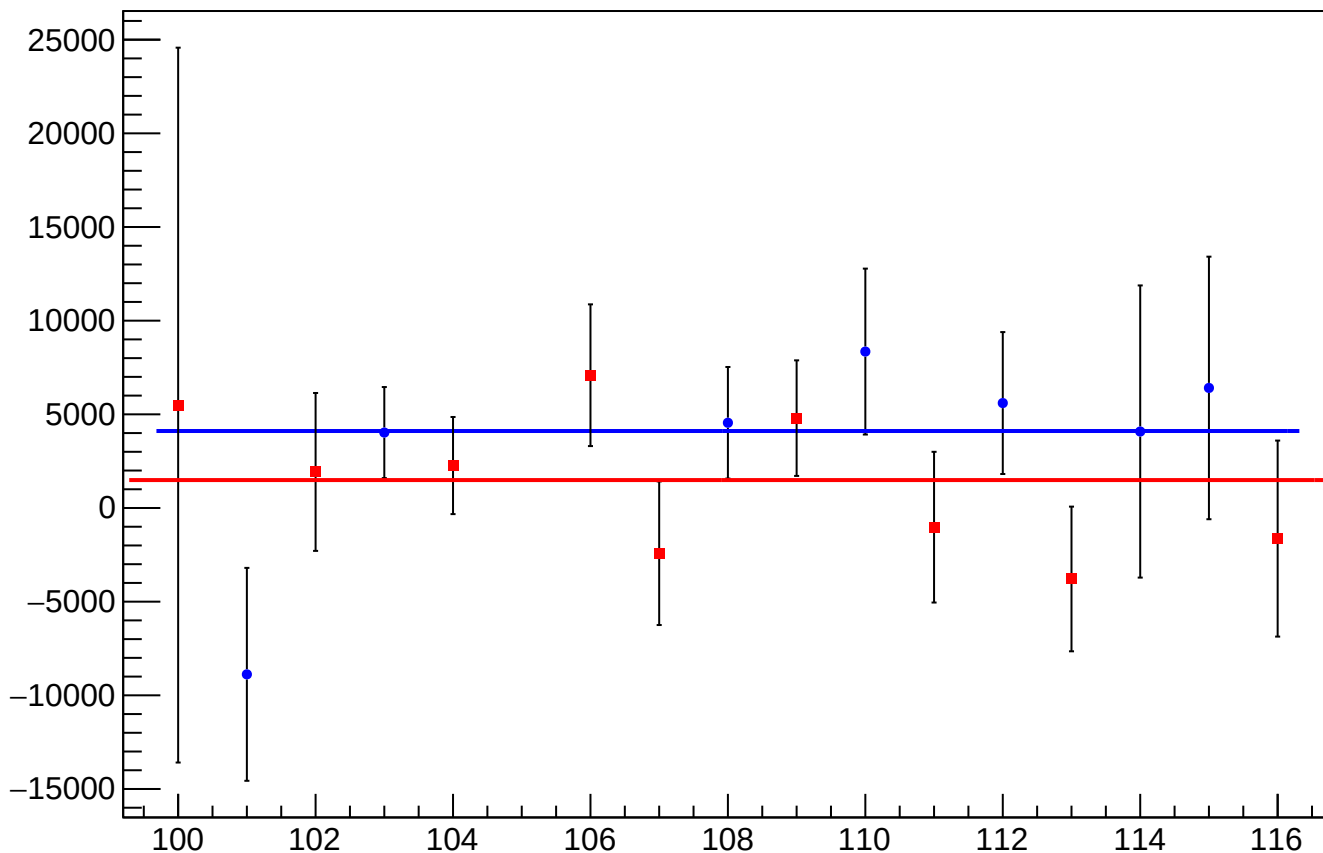
Right: 0.000+/-0.000 χ^2/NDF : 990966.3/15

In: 0.000+/-0.000 χ^2/NDF : 289170.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 990966.3/15

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4109.761+/-1457.840 χ^2/NDF : 6.4/6

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

Right Out: 1490.819+/-1273.826 χ^2/NDF : 7.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

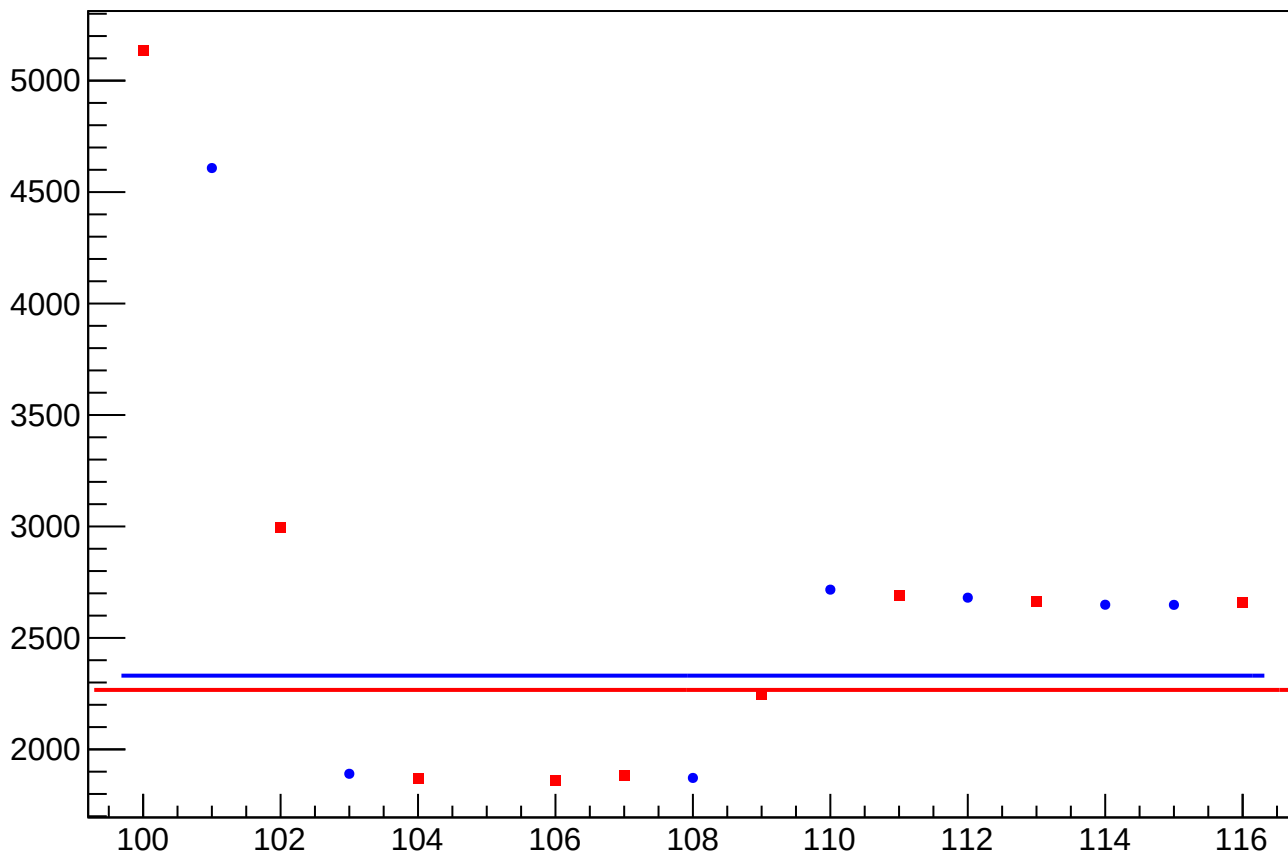
Right: 2624.666+/-959.233 χ^2/NDF : 15.4/15

In: 4109.761+/-1457.840 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.666+/-959.233 χ^2/NDF : 15.4/15

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2330.738+/-1.031 χ^2 /NDF: 473905.3/6

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

Right Out: 2266.738+/-0.901 χ^2 /NDF: 250510.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

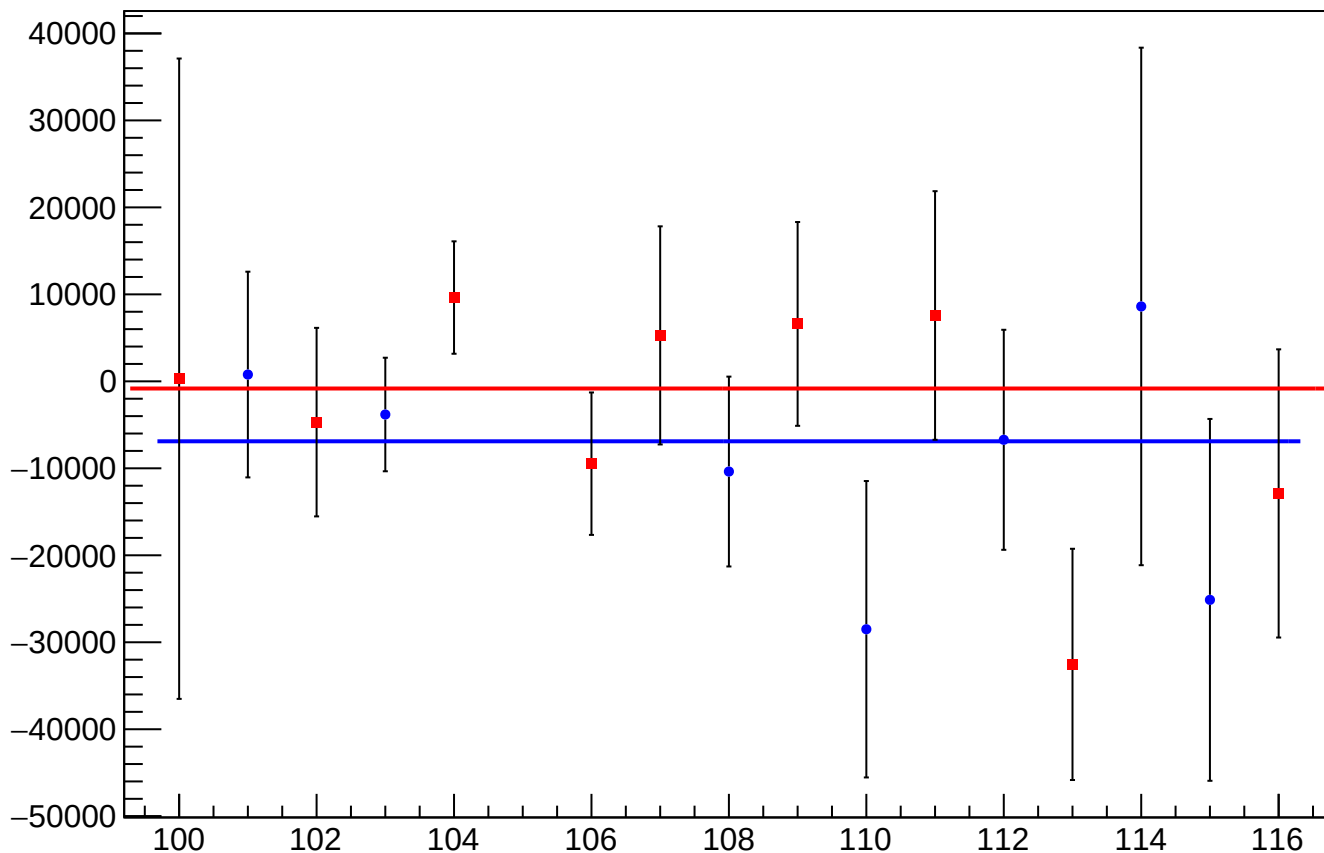
Right: 2294.446+/-0.678 χ^2 /NDF: 726601.8/15

In: 2330.738+/-1.031 χ^2 /NDF:473905.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2294.446+/-0.678 χ^2 /NDF: 726601.8/15

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6893.357+/-4378.955 χ^2/NDF : 3.4/6

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

Right Out: -824.635+/-3628.476 χ^2/NDF : 11.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

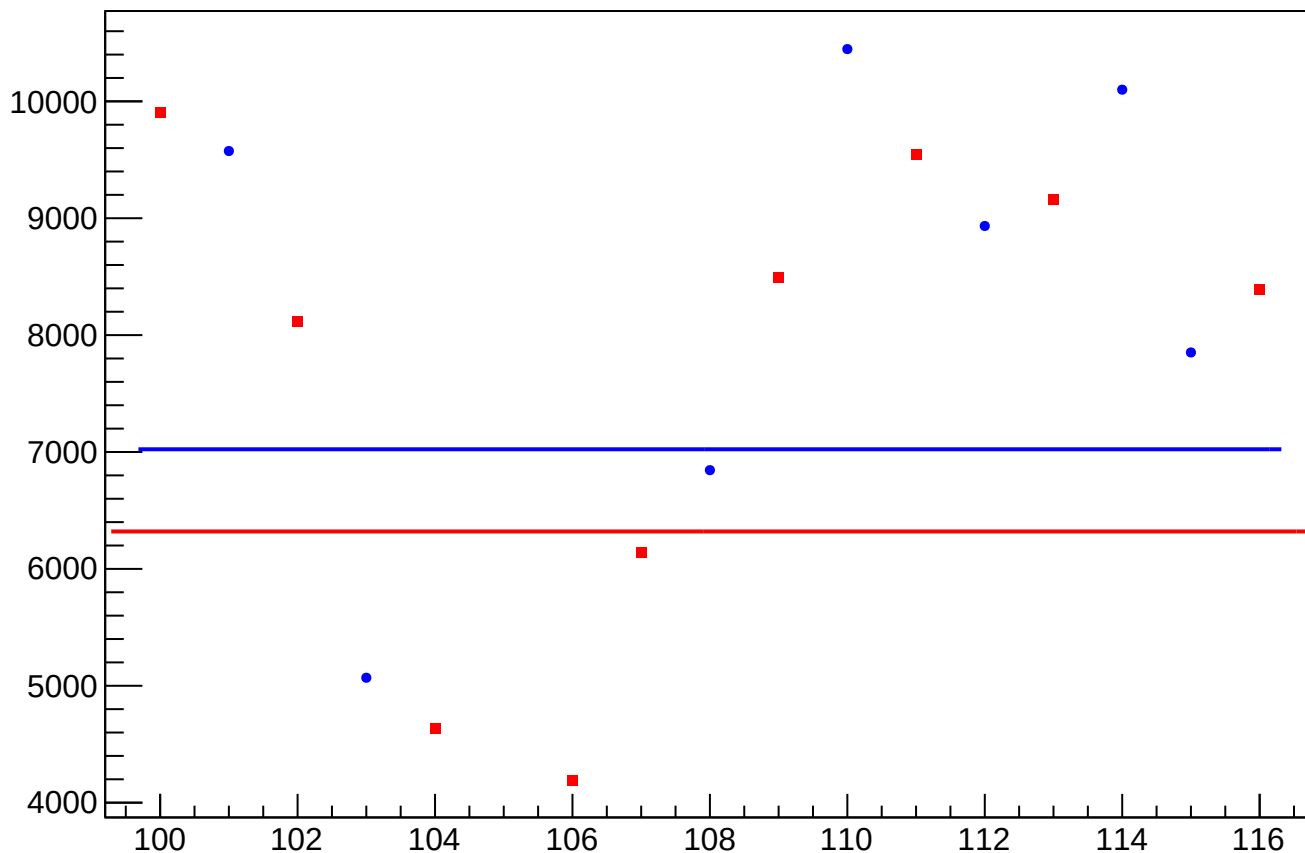
Right: -3295.170+/-2793.942 χ^2/NDF : 15.6/15

In: -6893.357+/-4378.955 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3295.170+/-2793.942 χ^2/NDF : 15.6/15

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7023.305+/-3.096 χ^2/NDF : 423894.9/6

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

Right Out: 6320.261+/-2.566 χ^2/NDF : 639468.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

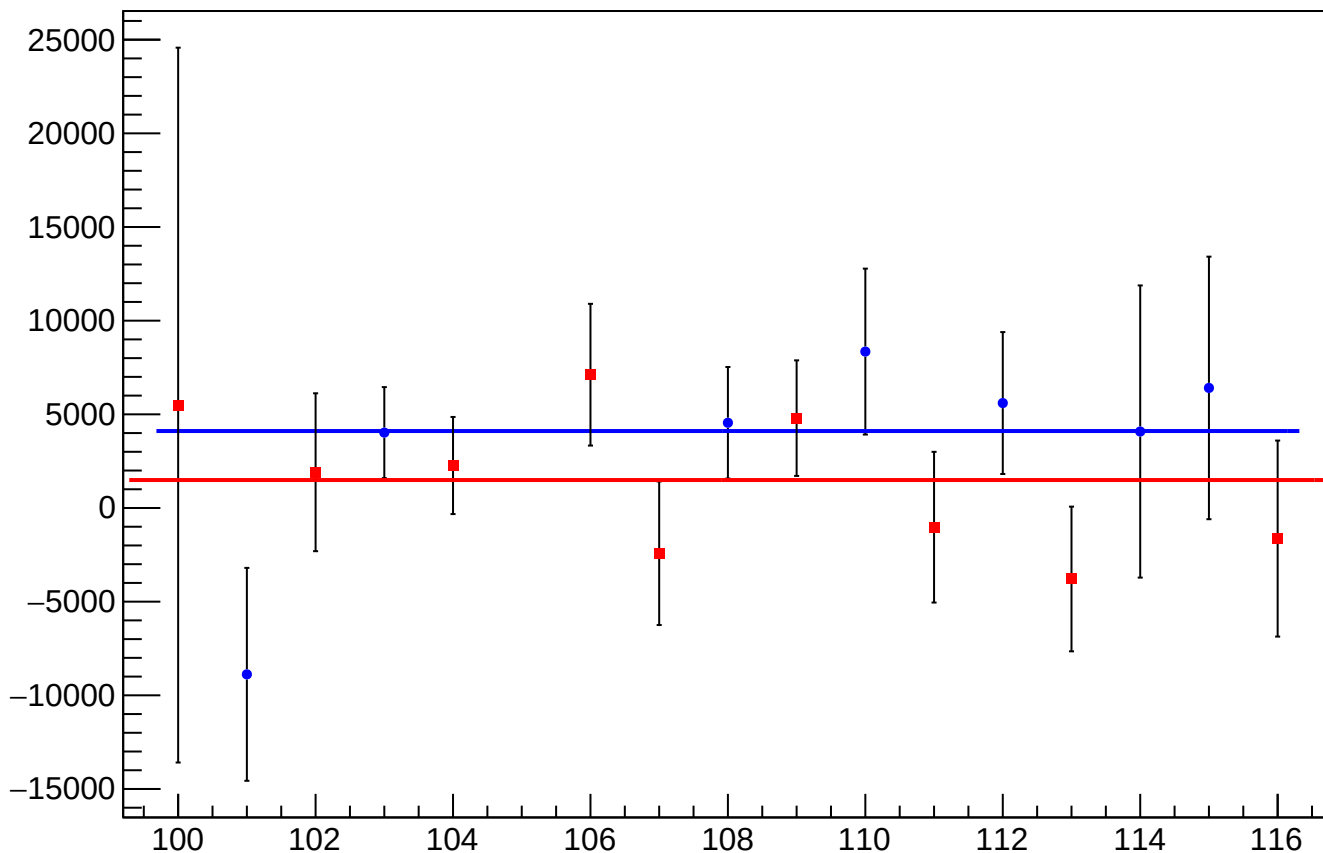
Right: 6606.465+/-1.976 χ^2/NDF : 1093929.7/15

In: 7023.305+/-3.096 χ^2/NDF : 423894.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6606.465+/-1.976 χ^2/NDF : 1093929.7/15

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4108.495+/-1457.841 χ^2/NDF : 6.4/6

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

Right Out: 1492.243+/-1273.845 χ^2/NDF : 7.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

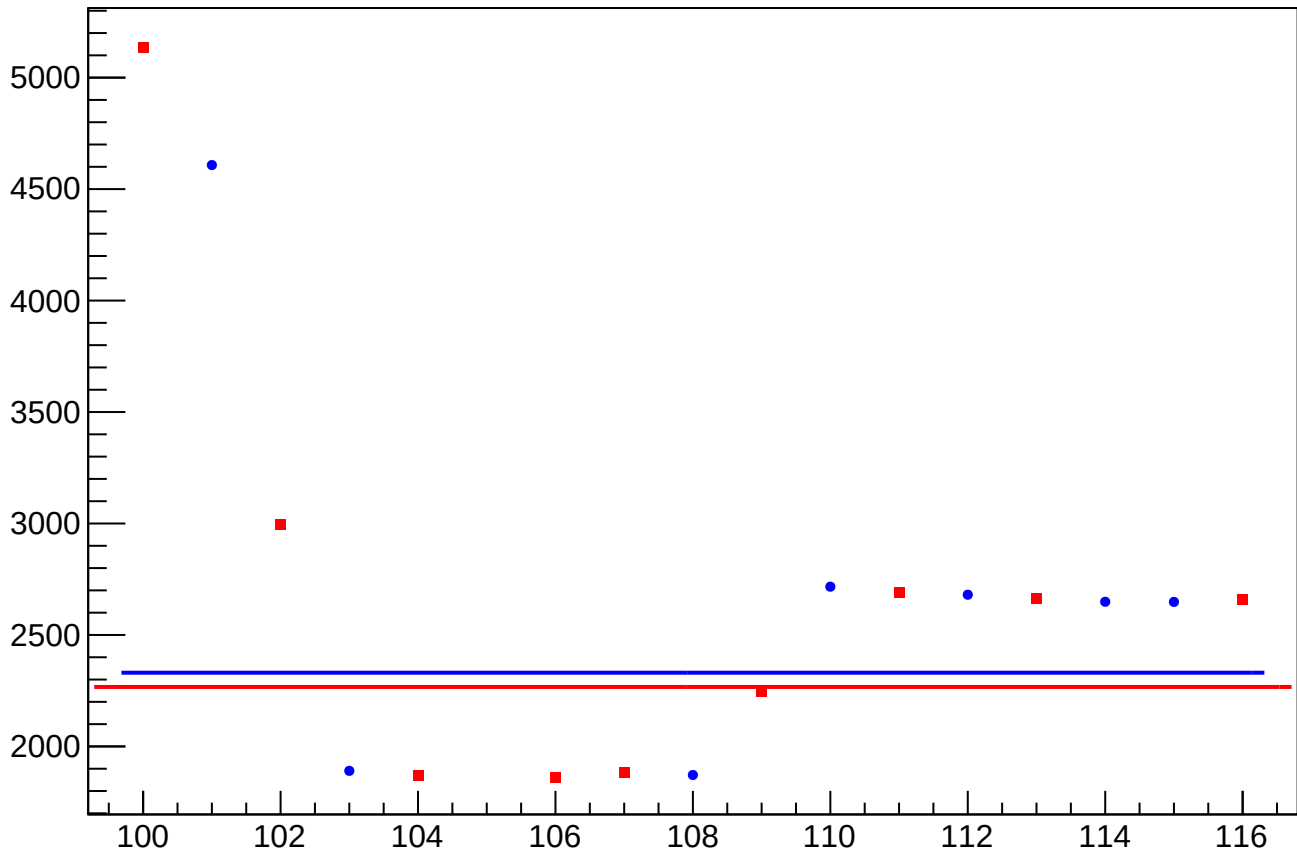
Right: 2624.944+/-959.242 χ^2/NDF : 15.4/15

In: 4108.495+/-1457.841 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.944+/-959.242 χ^2/NDF : 15.4/15

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2330.740+/-1.031 χ^2/NDF : 473903.9/6

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

Right Out: 2266.779+/-0.901 χ^2/NDF : 250475.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

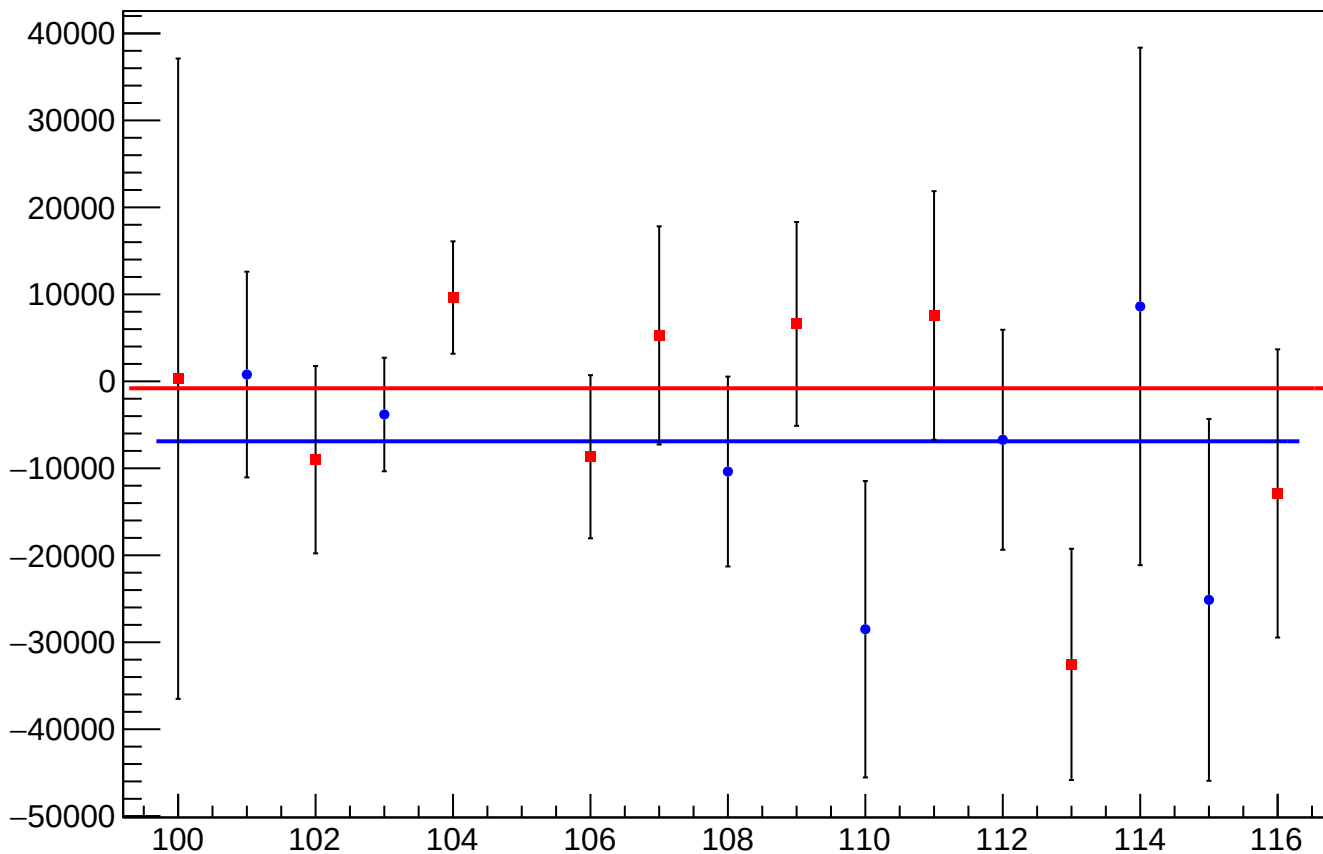
Right: 2294.471+/-0.678 χ^2/NDF : 726562.9/15

In: 2330.740+/-1.031 χ^2/NDF : 473903.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2294.471+/-0.678 χ^2/NDF : 726562.9/15

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -6893.452+/-4379.213 χ^2 /NDF: 3.4/6

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

Right Out: -797.075+/-3713.405 χ^2 /NDF: 11.1/8

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

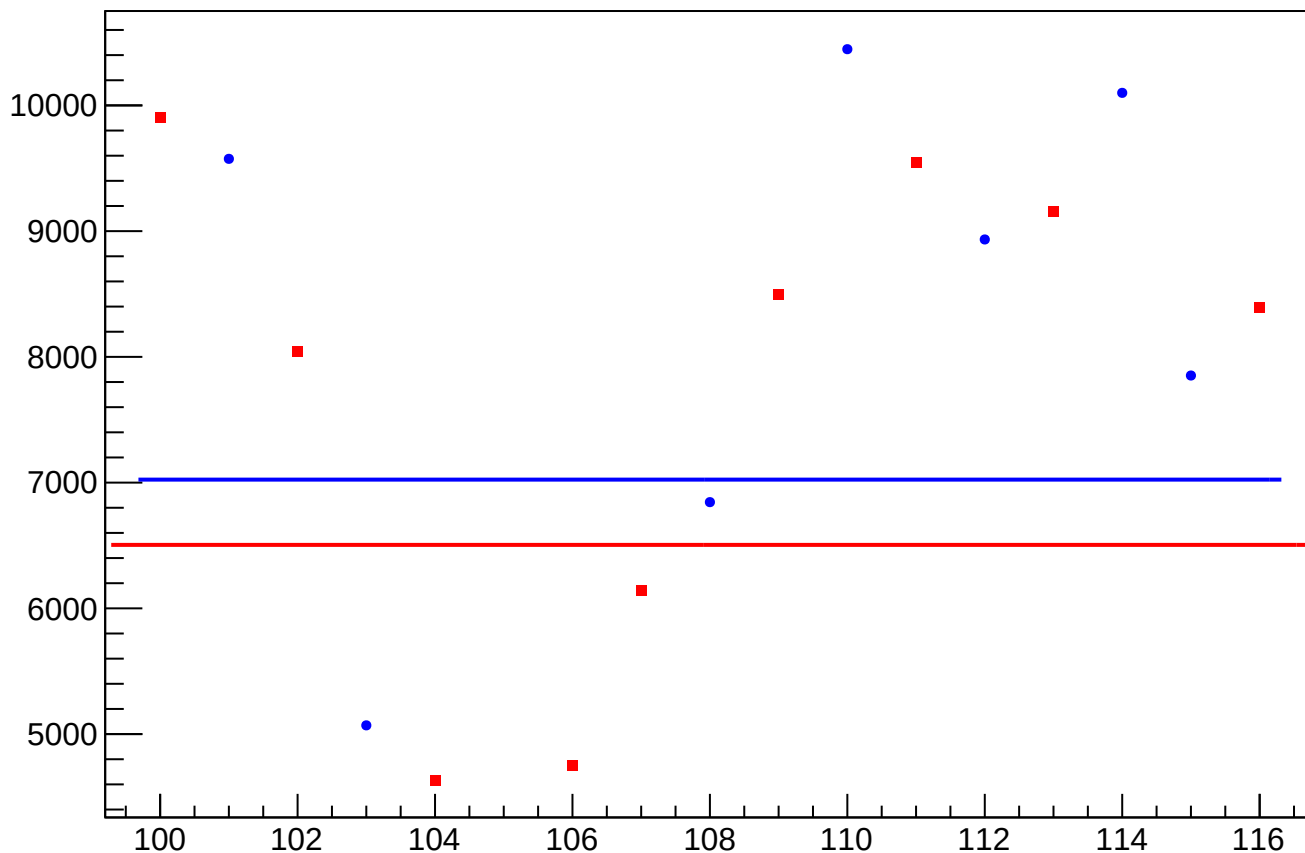
Right: -3347.065+/-2832.236 χ^2 /NDF: 15.6/15

In: -6893.452+/-4379.213 χ^2 /NDF: 3.4/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3347.065+/-2832.236 χ^2 /NDF: 15.6/15

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7023.857+/-3.097 χ^2/NDF : 423715.1/6

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

Right Out: 6504.768+/-2.626 χ^2/NDF : 551982.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

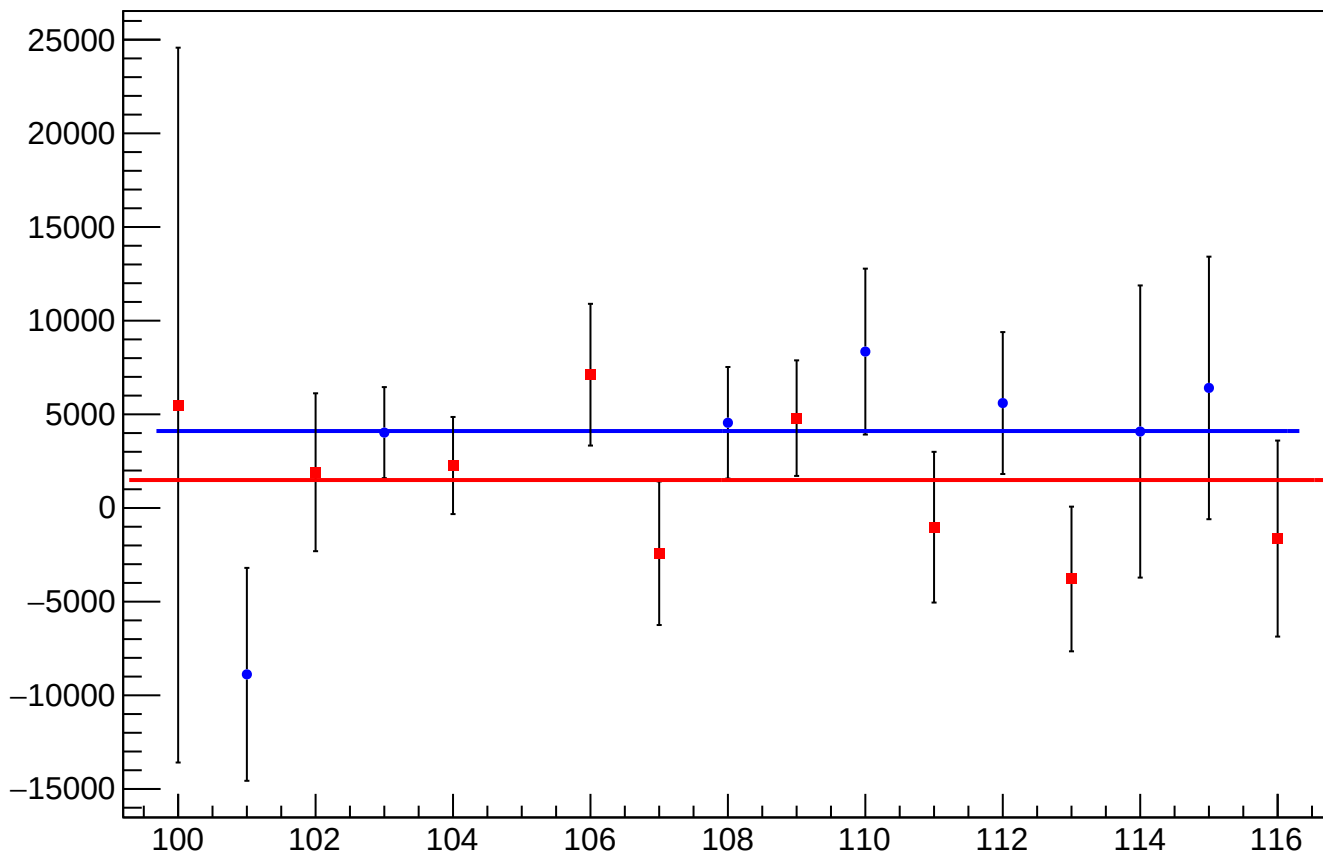
Right: 6721.892+/-2.003 χ^2/NDF : 992044.3/15

In: 7023.857+/-3.097 χ^2/NDF : 423715.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6721.892+/-2.003 χ^2/NDF : 992044.3/15

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4108.495+/-1457.841 χ^2/NDF : 6.4/6

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

Right Out: 1492.243+/-1273.845 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

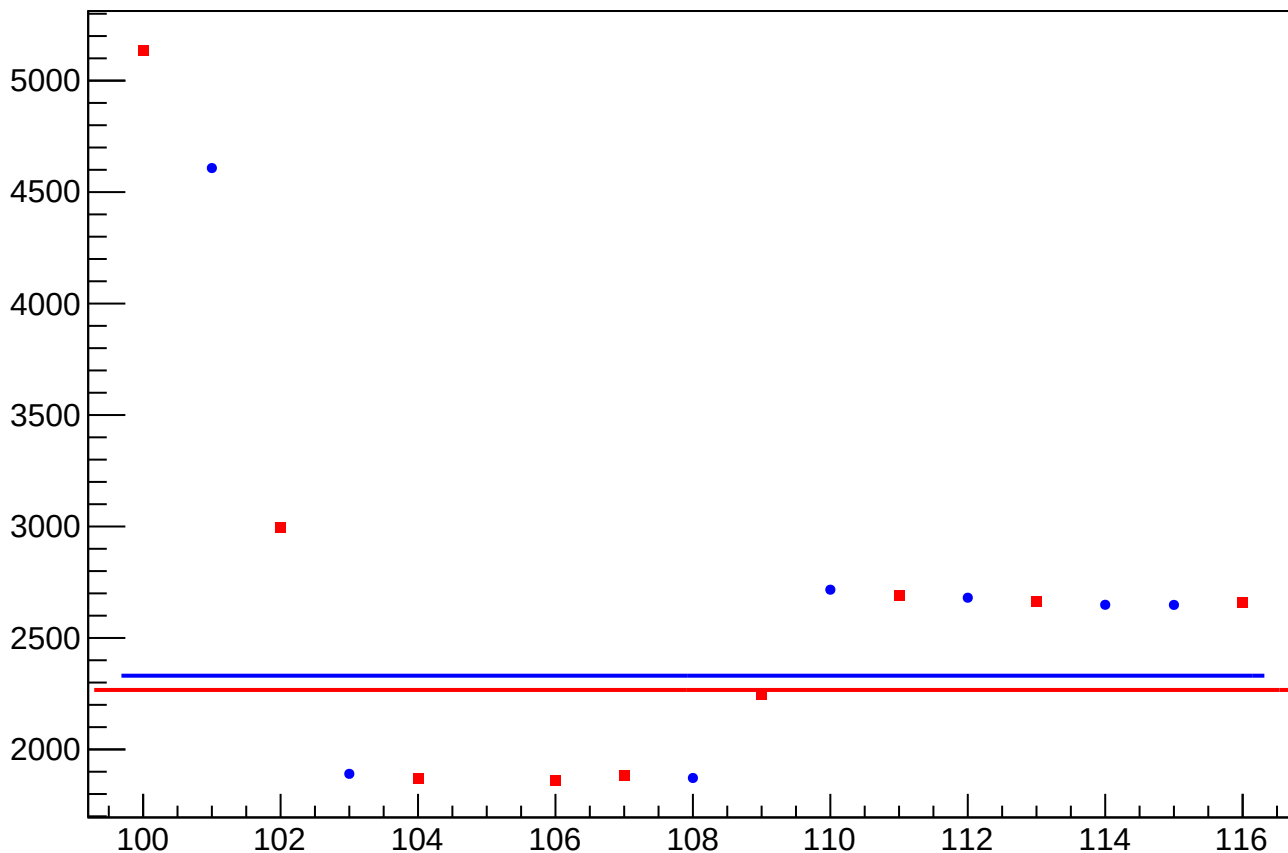
Right: 2624.944+/-959.242 χ^2/NDF : 15.4/15

In: 4108.495+/-1457.841 χ^2/NDF :6.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2624.944+/-959.242 χ^2/NDF : 15.4/15

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2330.740+/-1.031 χ^2 /NDF: 473903.9/6

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

Right Out: 2266.779+/-0.901 χ^2 /NDF: 250475.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

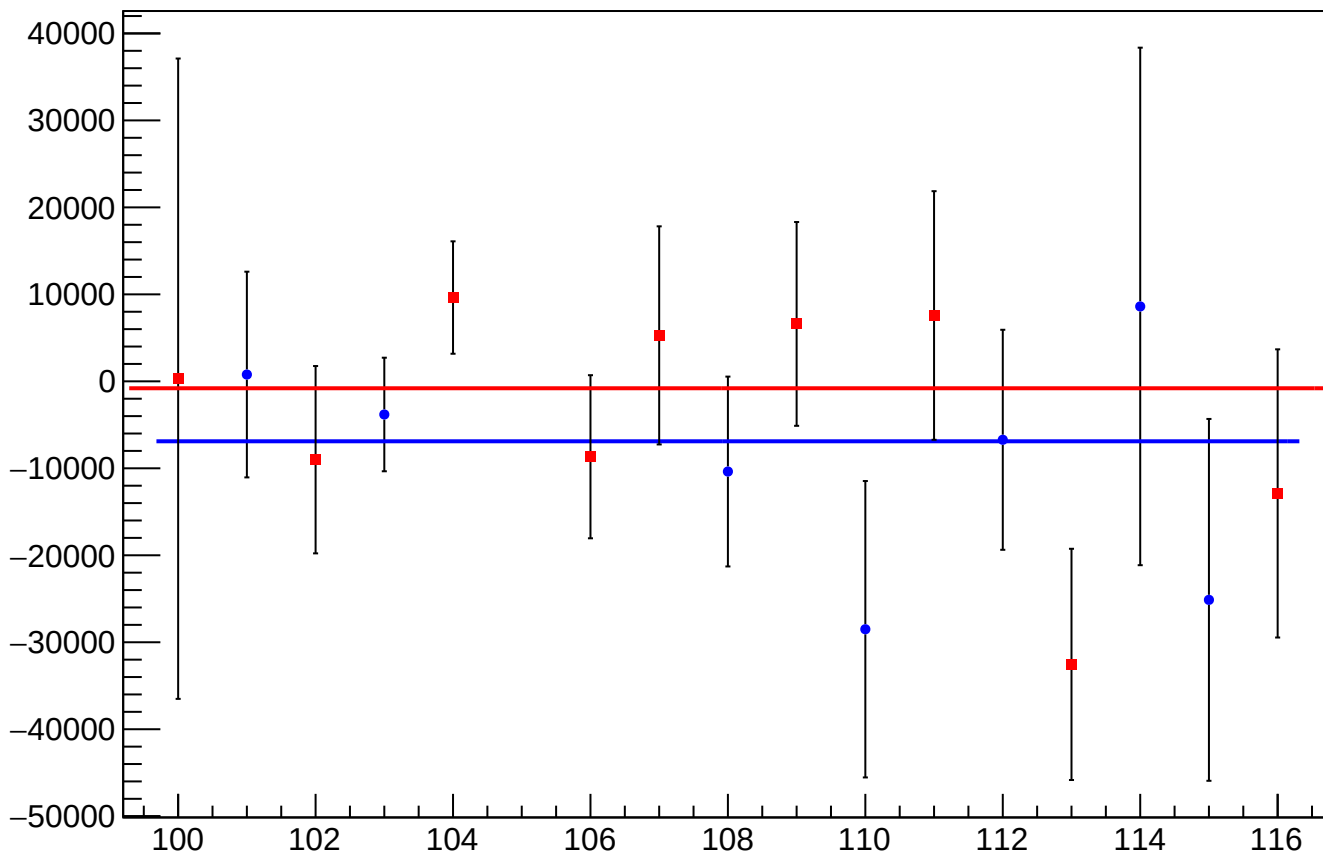
Right: 2294.471+/-0.678 χ^2 /NDF: 726562.9/15

In: 2330.740+/-1.031 χ^2 /NDF:473903.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2294.471+/-0.678 χ^2 /NDF: 726562.9/15

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6893.452+/-4379.213 χ^2/NDF : 3.4/6

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

Right Out: -797.075+/-3713.405 χ^2/NDF : 11.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

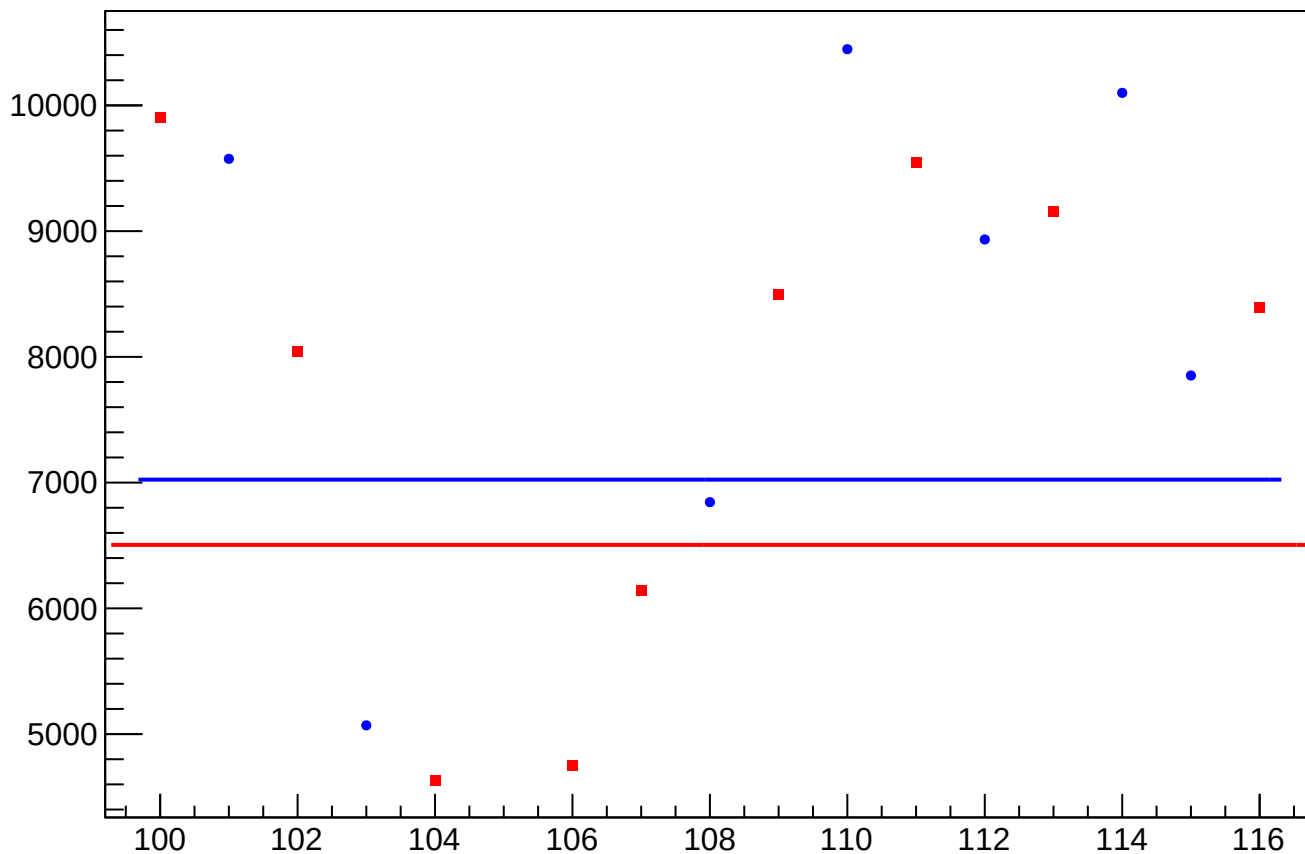
Right: -3347.065+/-2832.236 χ^2/NDF : 15.6/15

In: -6893.452+/-4379.213 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3347.065+/-2832.236 χ^2/NDF : 15.6/15

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7023.857+/-3.097 χ^2/NDF : 423715.1/6

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

Right Out: 6504.768+/-2.626 χ^2/NDF : 551982.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

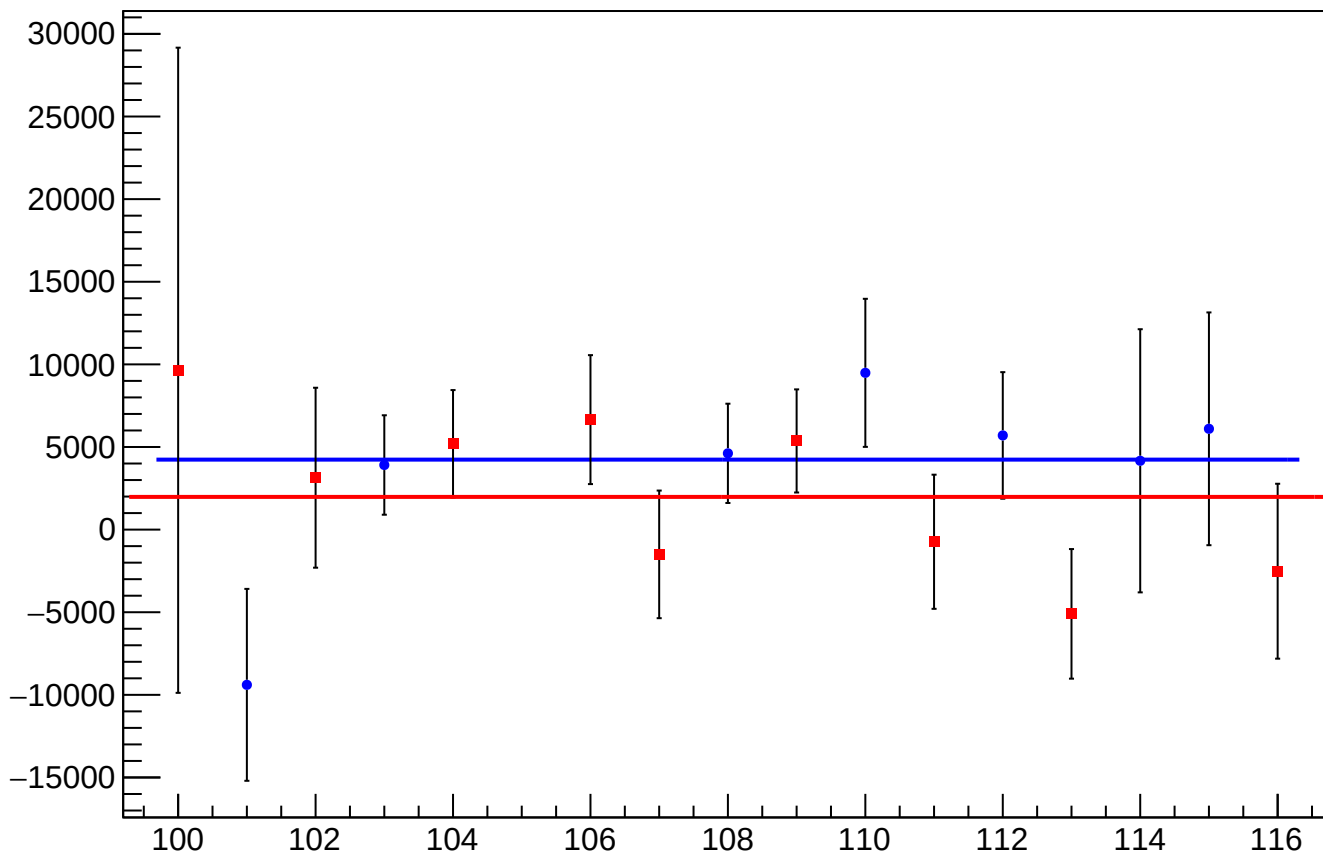
Right: 6721.892+/-2.003 χ^2/NDF : 992044.3/15

In: 7023.857+/-3.097 χ^2/NDF :423715.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6721.892+/-2.003 χ^2/NDF : 992044.3/15

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4235.624+/-1571.647 χ^2/NDF : 7.1/6

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

Right Out: 1979.542+/-1376.323 χ^2/NDF : 9.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

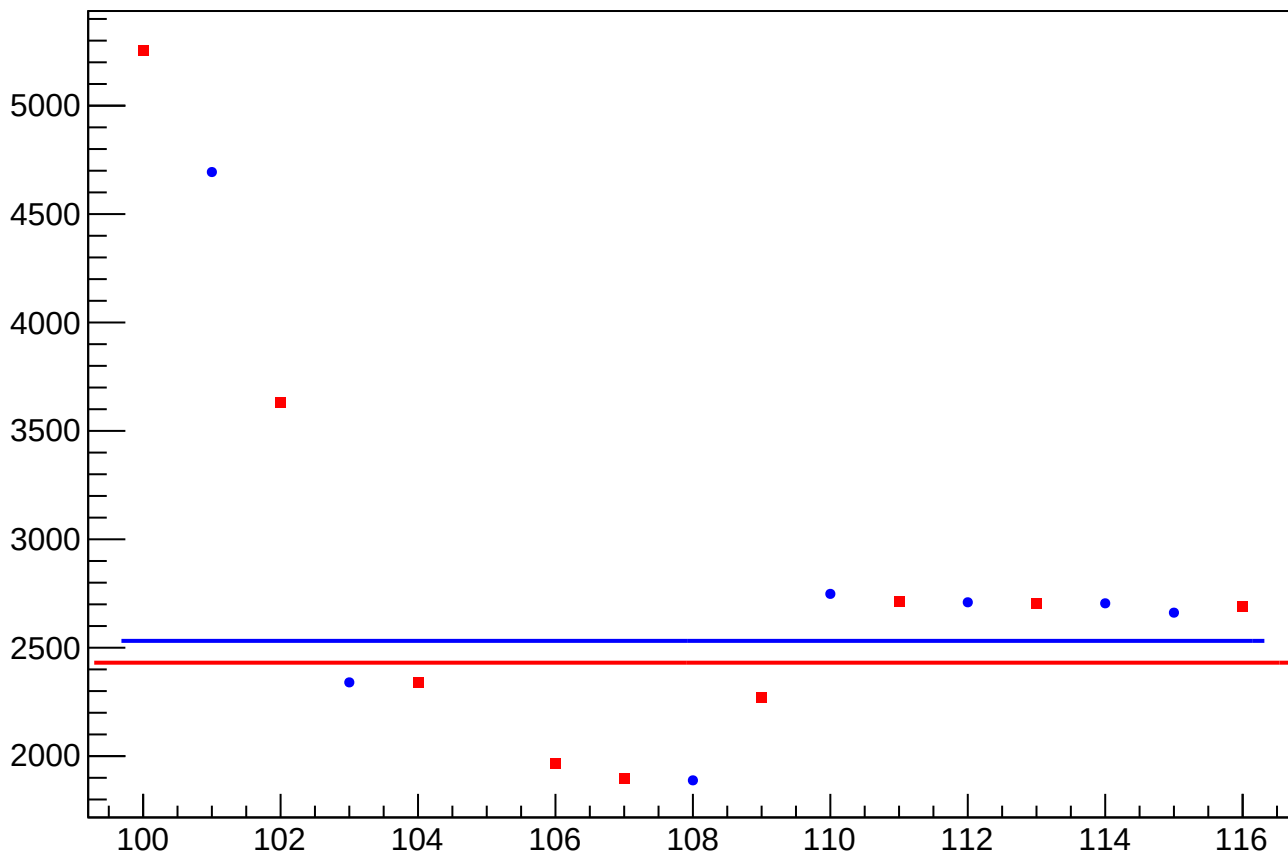
Right: 2958.755+/-1035.419 χ^2/NDF : 17.3/15

In: 4235.624+/-1571.647 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2958.755+/-1035.419 χ^2/NDF : 17.3/15

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2531.561+/-1.111 χ^2/NDF : 387743.3/6

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

Right Out: 2430.942+/-0.972 χ^2/NDF : 237123.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

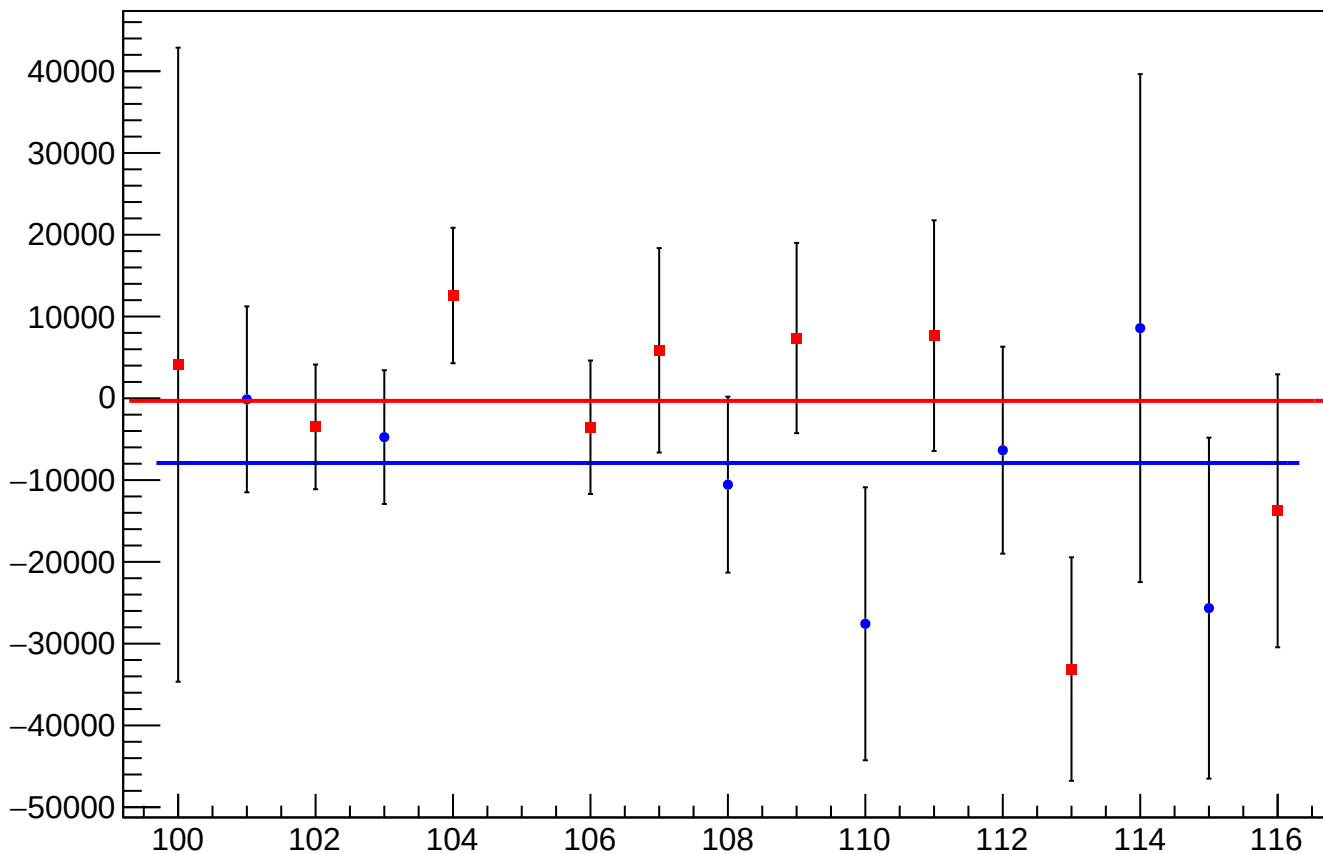
Right: 2474.555+/-0.732 χ^2/NDF : 629510.9/15

In: 2531.561+/-1.111 χ^2/NDF : 387743.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2474.555+/-0.732 χ^2/NDF : 629510.9/15

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -7907.826+/-4740.487 χ^2/NDF : 3.1/6

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

Right Out: -311.404+/-3646.049 χ^2/NDF : 10.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

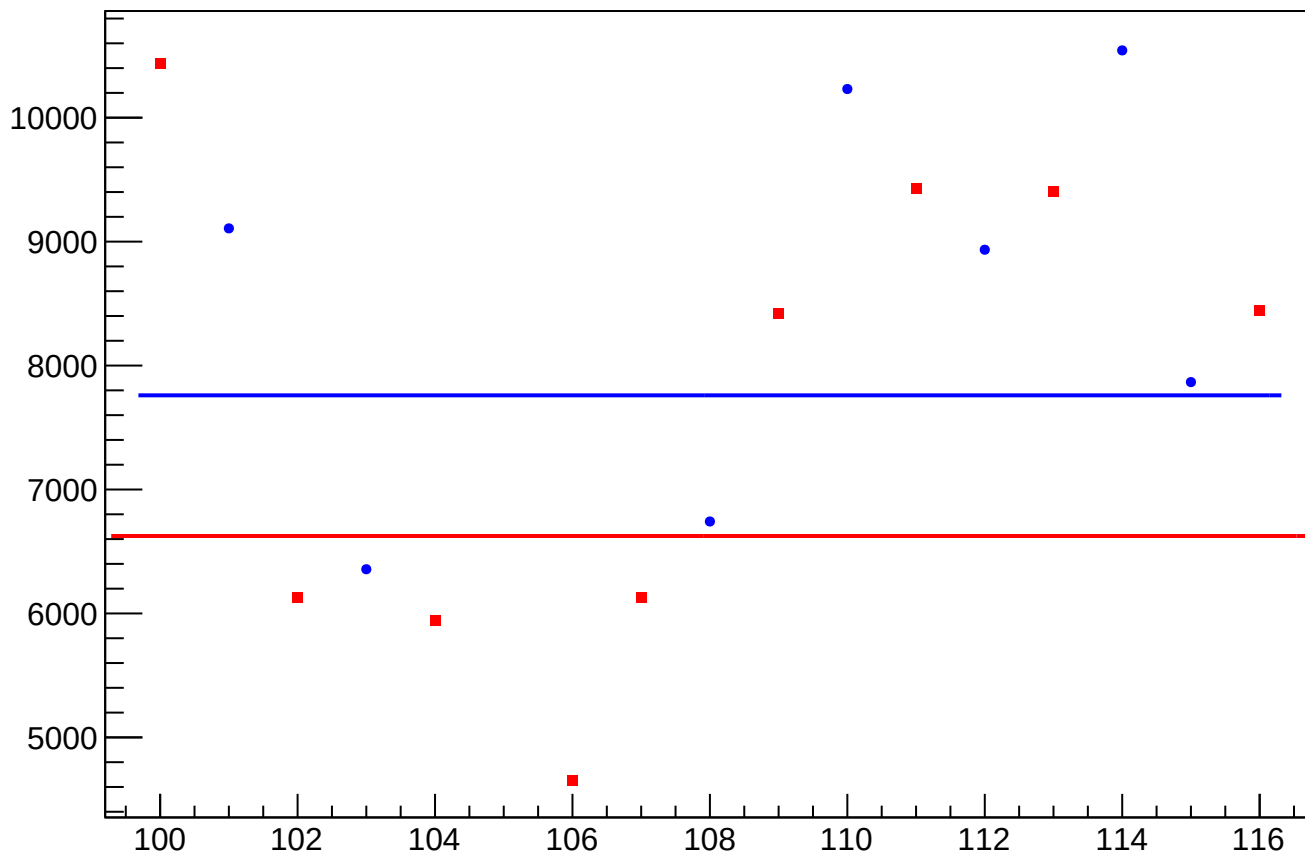
Right: -3134.886+/-2890.087 χ^2/NDF : 14.9/15

In: -7907.826+/-4740.487 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3134.886+/-2890.087 χ^2/NDF : 14.9/15

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7759.883+/-3.352 χ^2/NDF : 182047.7/6

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

Right Out: 6624.899+/-2.578 χ^2/NDF : 394271.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

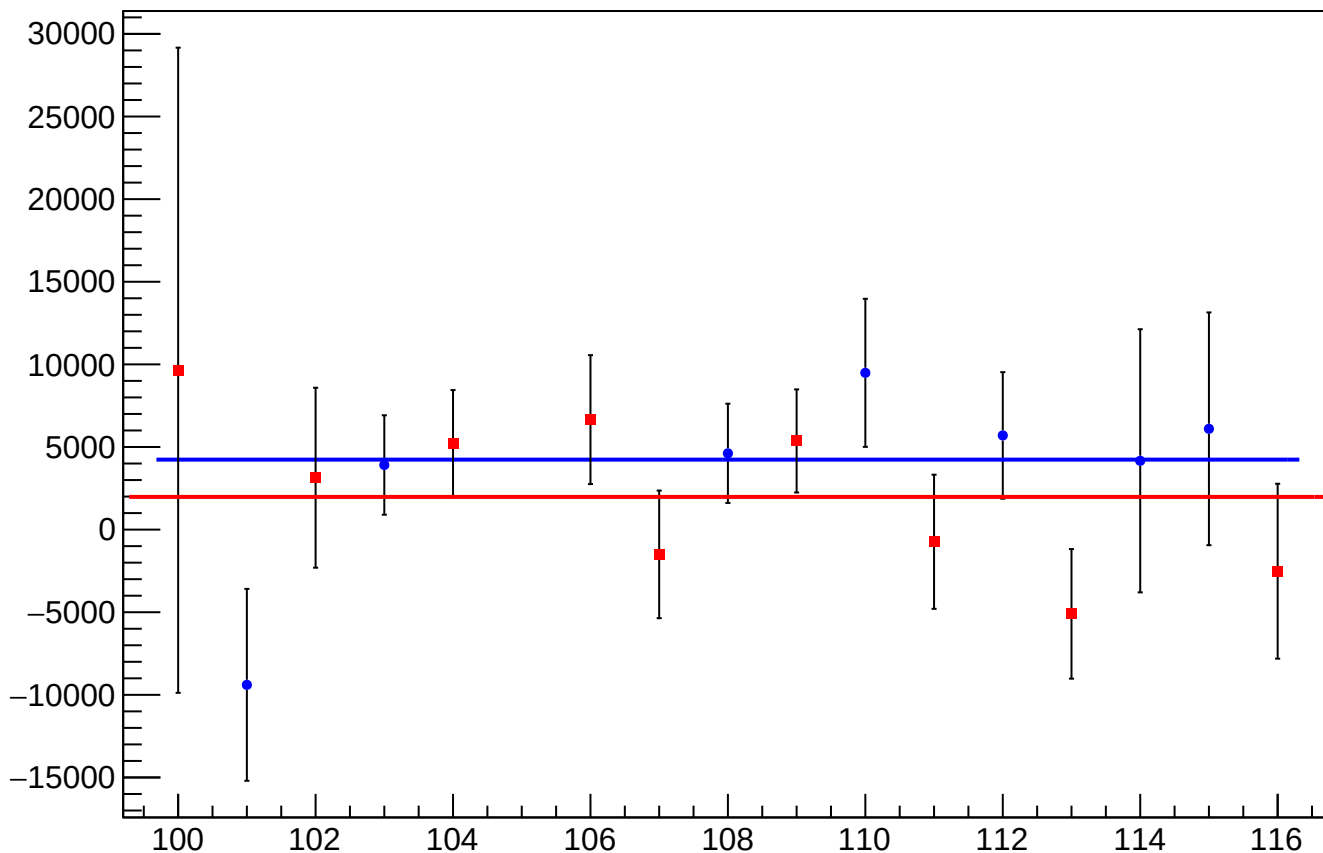
Right: 7046.756+/-2.044 χ^2/NDF : 648353.5/15

In: 7759.883+/-3.352 χ^2/NDF : 182047.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7046.756+/-2.044 χ^2/NDF : 648353.5/15

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4235.626+/-1571.646 χ^2/NDF : 7.1/6

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

Right Out: 1979.546+/-1376.323 χ^2/NDF : 9.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

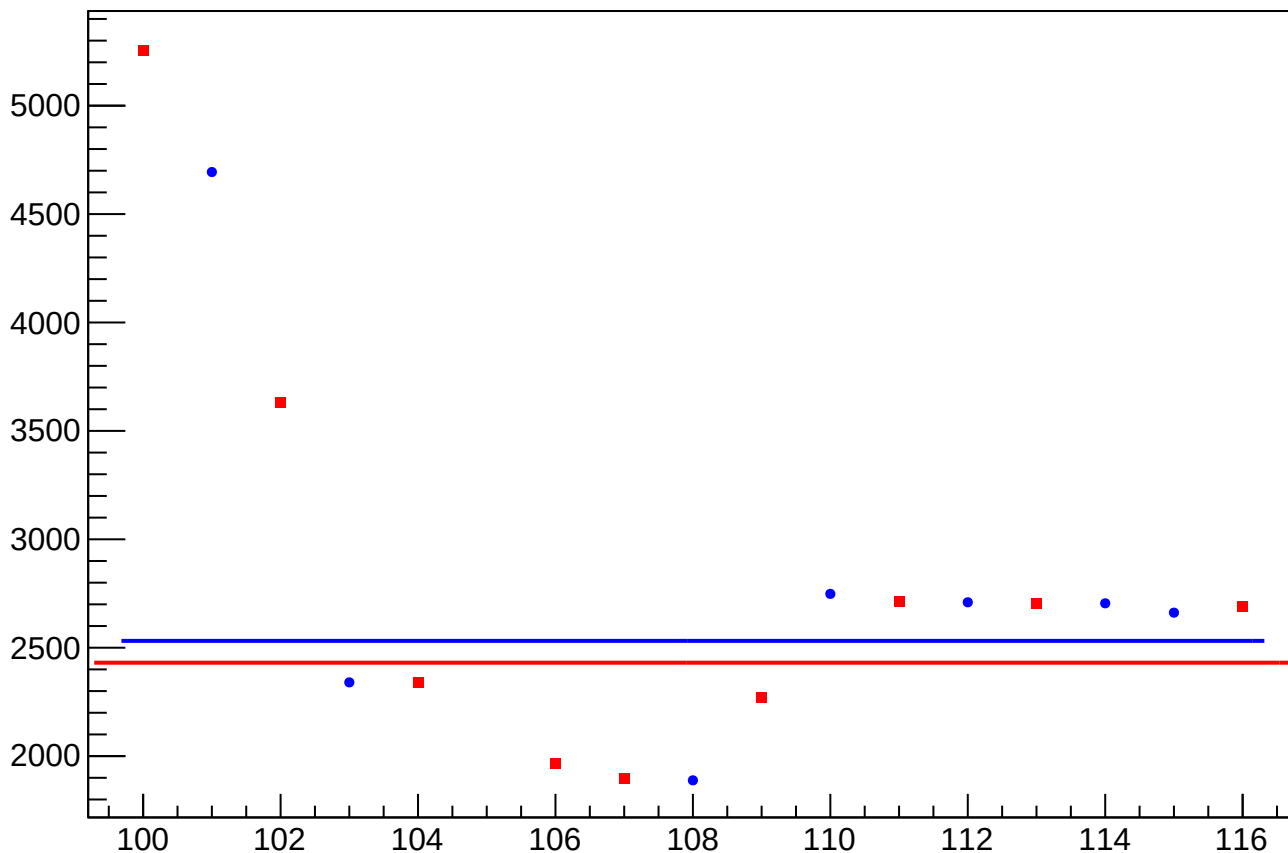
Right: 2958.758+/-1035.419 χ^2/NDF : 17.3/15

In: 4235.626+/-1571.646 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2958.758+/-1035.419 χ^2/NDF : 17.3/15

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2531.561+/-1.111 χ^2 /NDF: 387743.6/6

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

Right Out: 2430.942+/-0.972 χ^2 /NDF: 237122.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

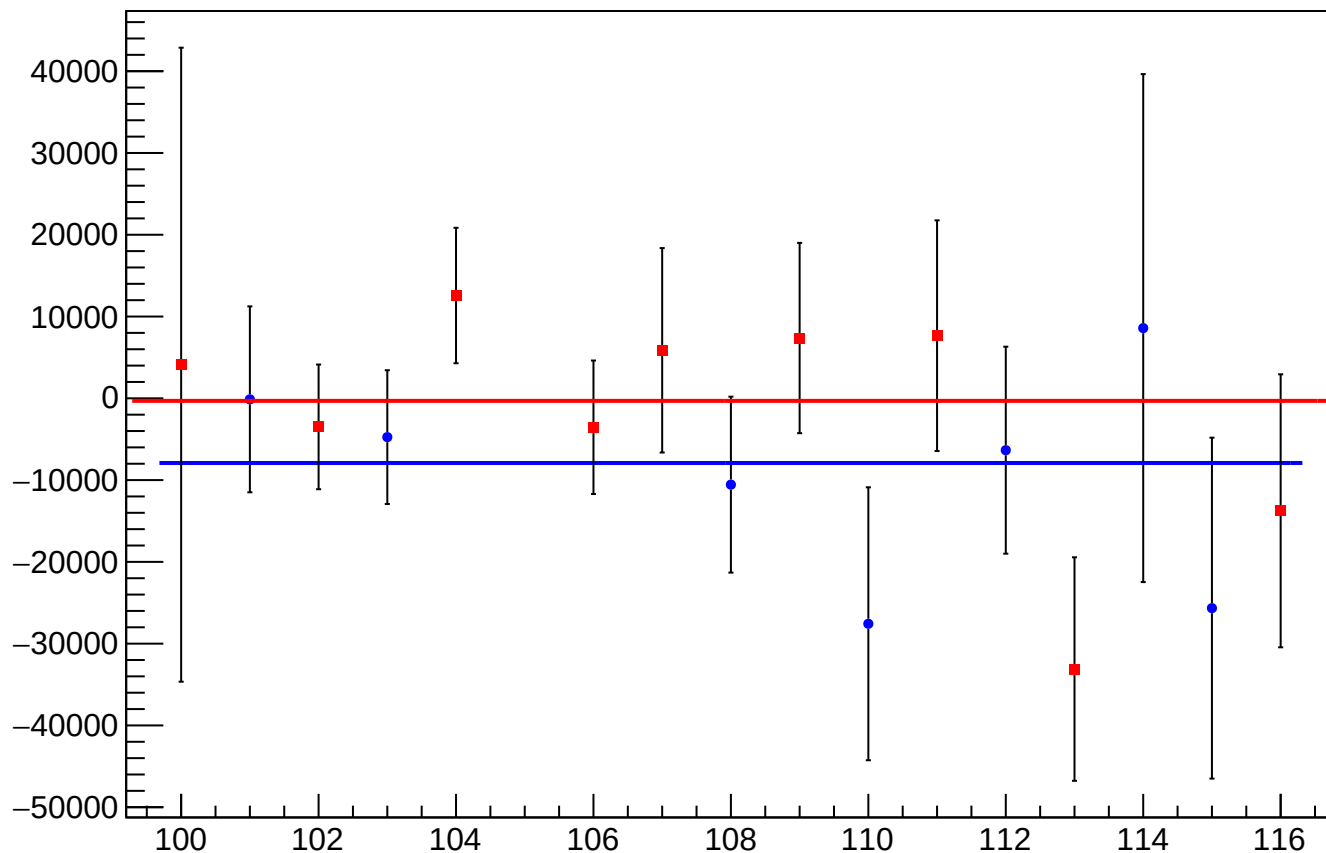
Right: 2474.555+/-0.732 χ^2 /NDF: 629510.7/15

In: 2531.561+/-1.111 χ^2 /NDF:387743.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2474.555+/-0.732 χ^2 /NDF: 629510.7/15

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7907.832+/-4740.485 χ^2/NDF : 3.1/6

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

Right Out: -311.399+/-3646.044 χ^2/NDF : 10.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

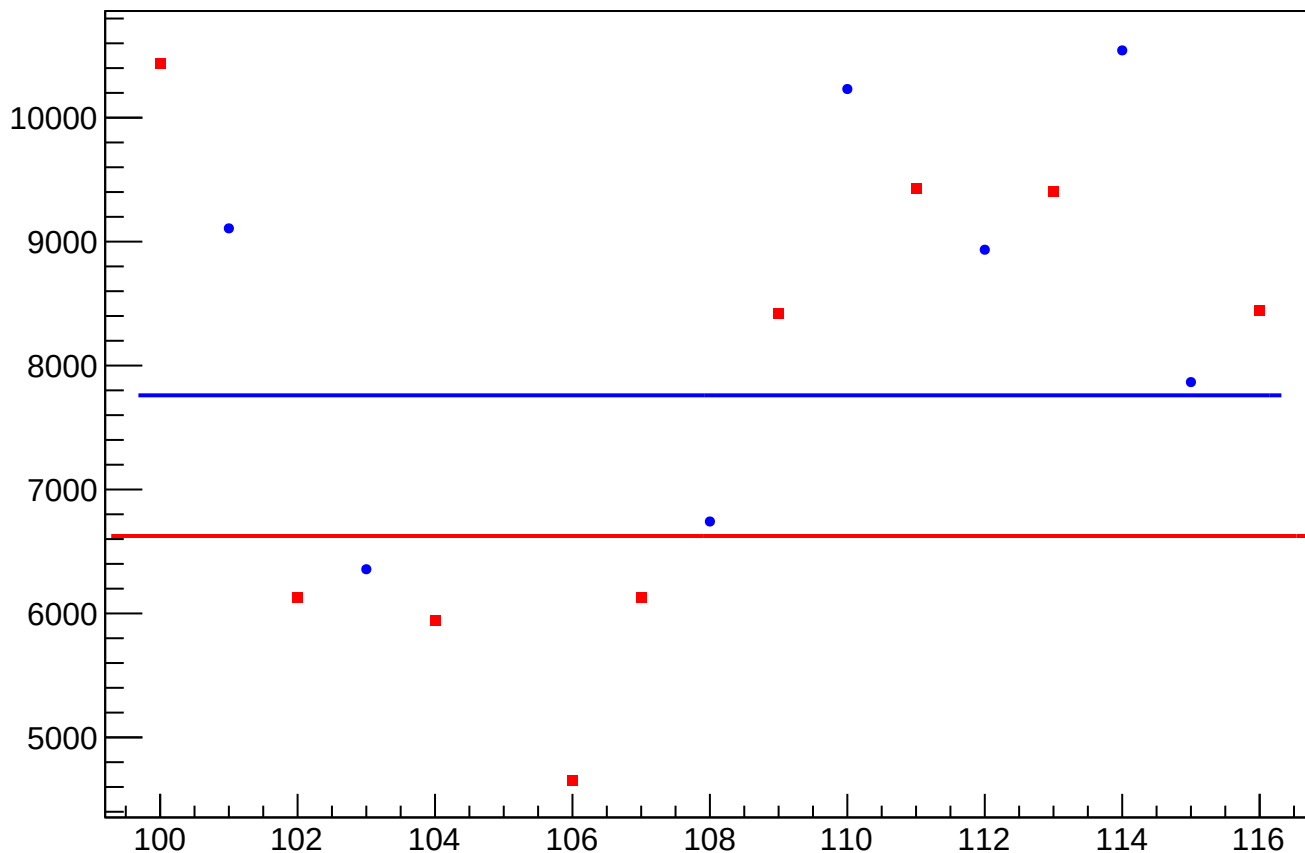
Right: -3134.882+/-2890.084 χ^2/NDF : 14.9/15

In: -7907.832+/-4740.485 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3134.882+/-2890.084 χ^2/NDF : 14.9/15

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7759.880+/-3.352 χ^2/NDF : 182045.8/6

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

Right Out: 6624.889+/-2.578 χ^2/NDF : 394271.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

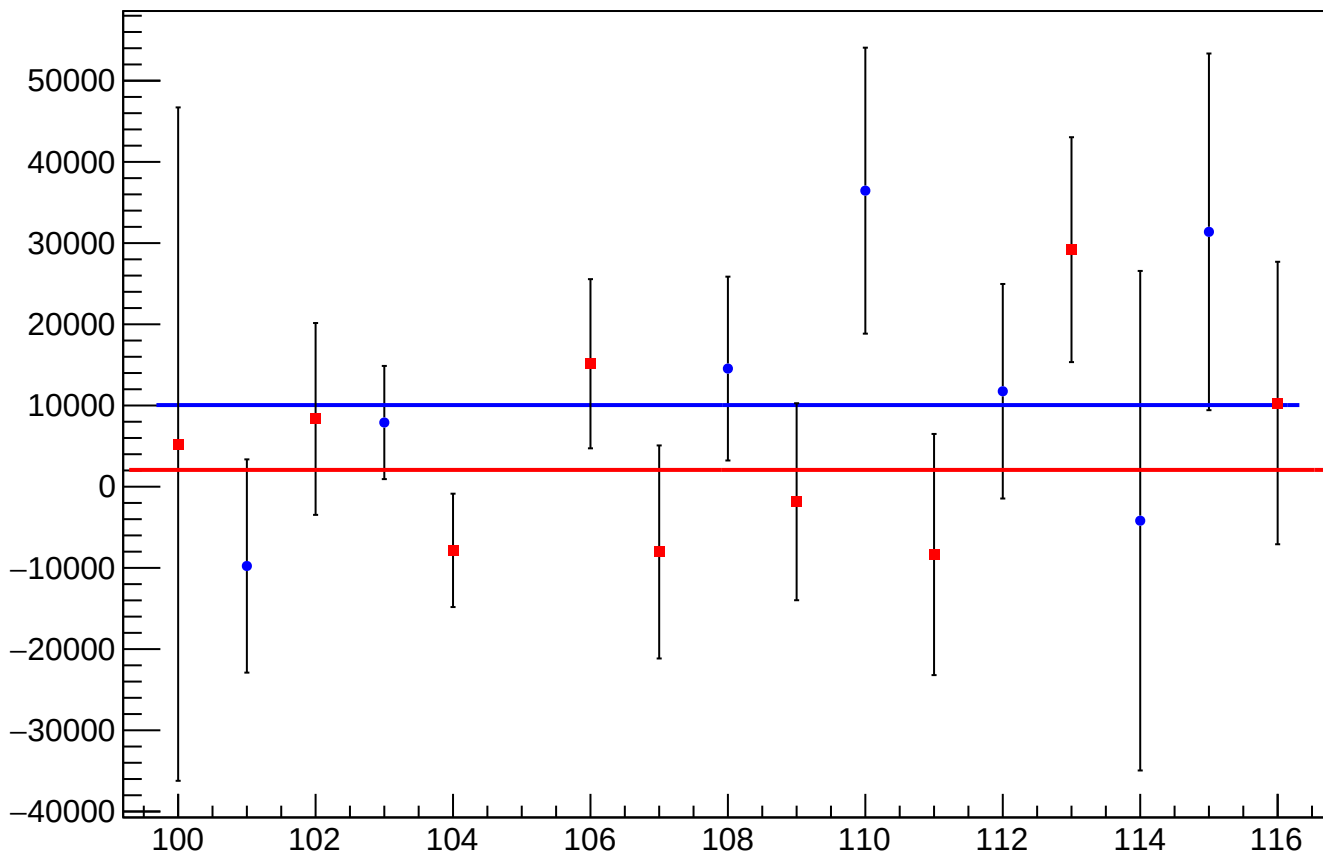
Right: 7046.749+/-2.044 χ^2/NDF : 648352.8/15

In: 7759.880+/-3.352 χ^2/NDF : 182045.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7046.749+/-2.044 χ^2/NDF : 648352.8/15

asym_atr2_mean vs Slug, Sign Corrected



Right In: 10052.724+/-4648.520 χ^2/NDF : 6.0/6

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

Right Out: 2066.680+/-3979.351 χ^2/NDF : 9.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

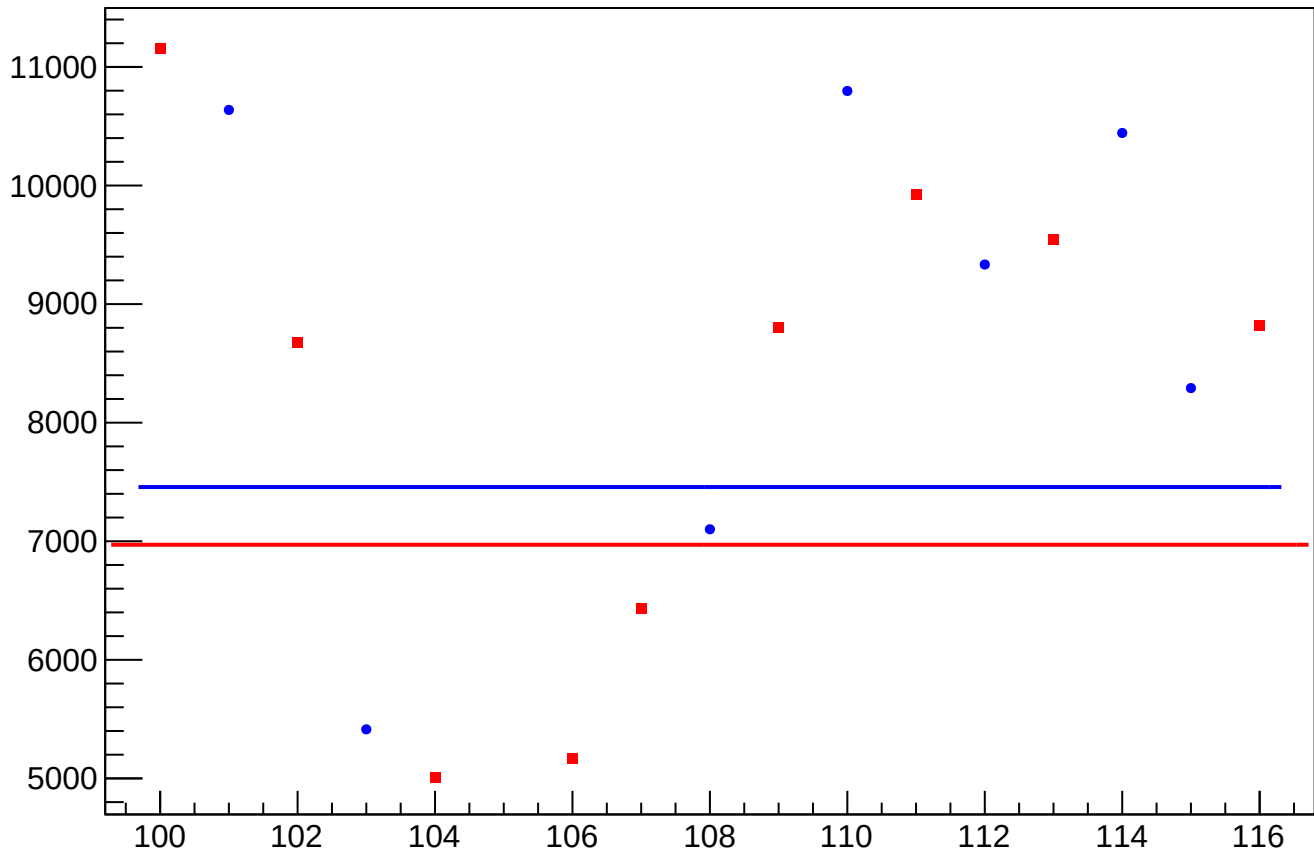
Right: 5444.016+/-3022.985 χ^2/NDF : 16.8/15

In: 10052.724+/-4648.520 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5444.016+/-3022.985 χ^2/NDF : 16.8/15

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7457.174+/-3.287 χ^2/NDF : 425276.1/6

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

Right Out: 6970.610+/-2.814 χ^2/NDF : 499191.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

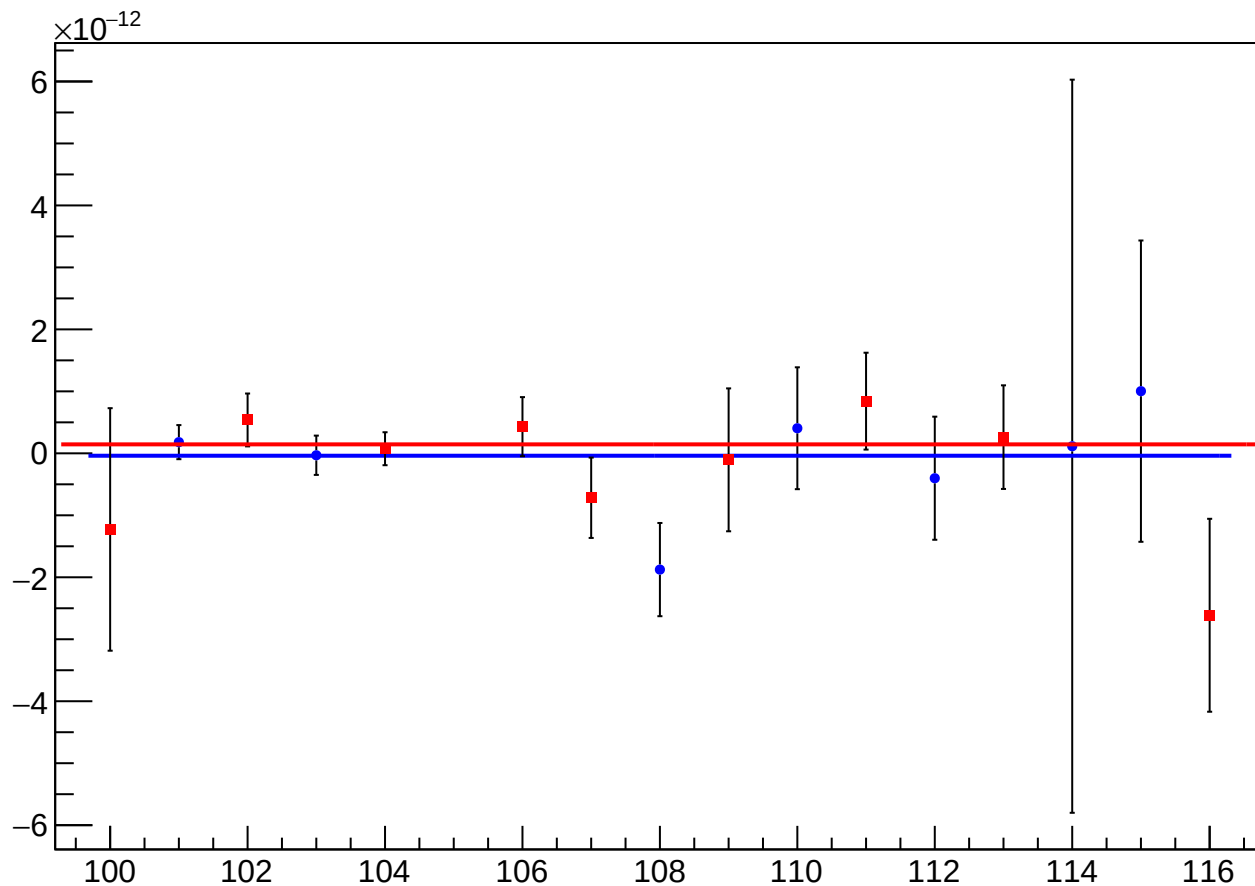
Right: 7176.373+/-2.138 χ^2/NDF : 937113.4/15

In: 7457.174+/-3.287 χ^2/NDF : 425276.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7176.373+/-2.138 χ^2/NDF : 937113.4/15

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

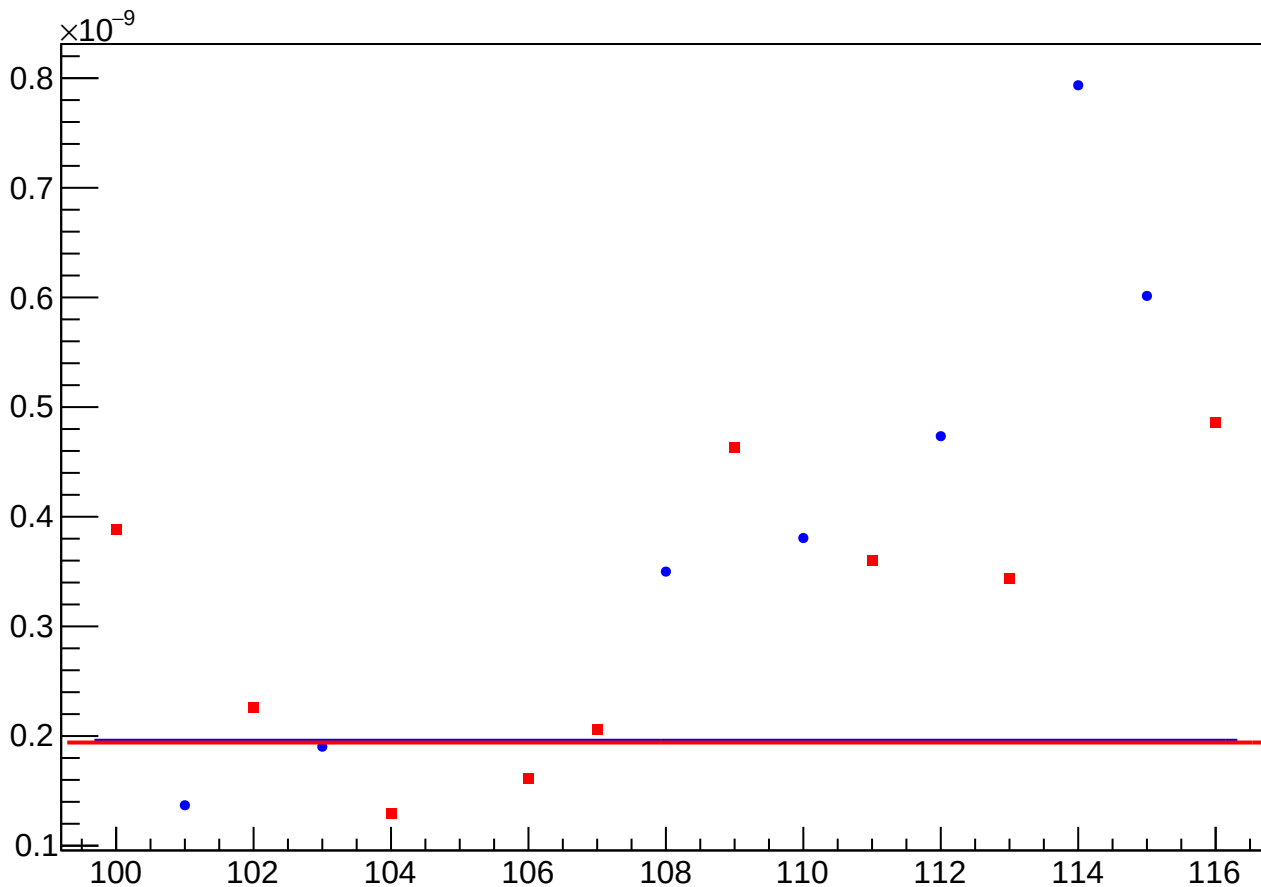
Right: 0.000+/-0.000 χ^2/NDF : 15.2/15

In: -0.000+/-0.000 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.2/15

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 479527.7/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 493997.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

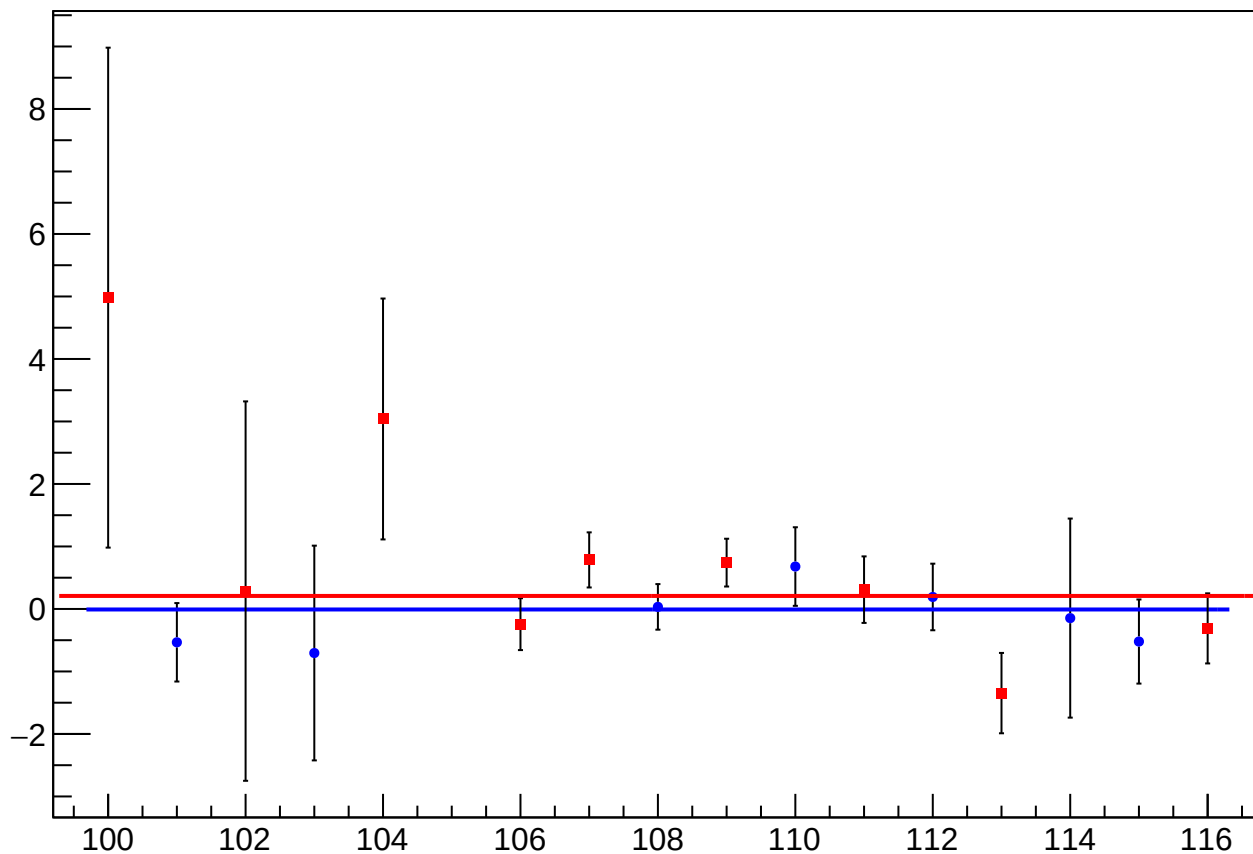
Right: 0.000+/-0.000 χ^2/NDF : 973599.5/15

In: 0.000+/-0.000 χ^2/NDF : 479527.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 973599.5/15

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

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

Right Out: 0.208 ± 0.191 χ^2/NDF : 15.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

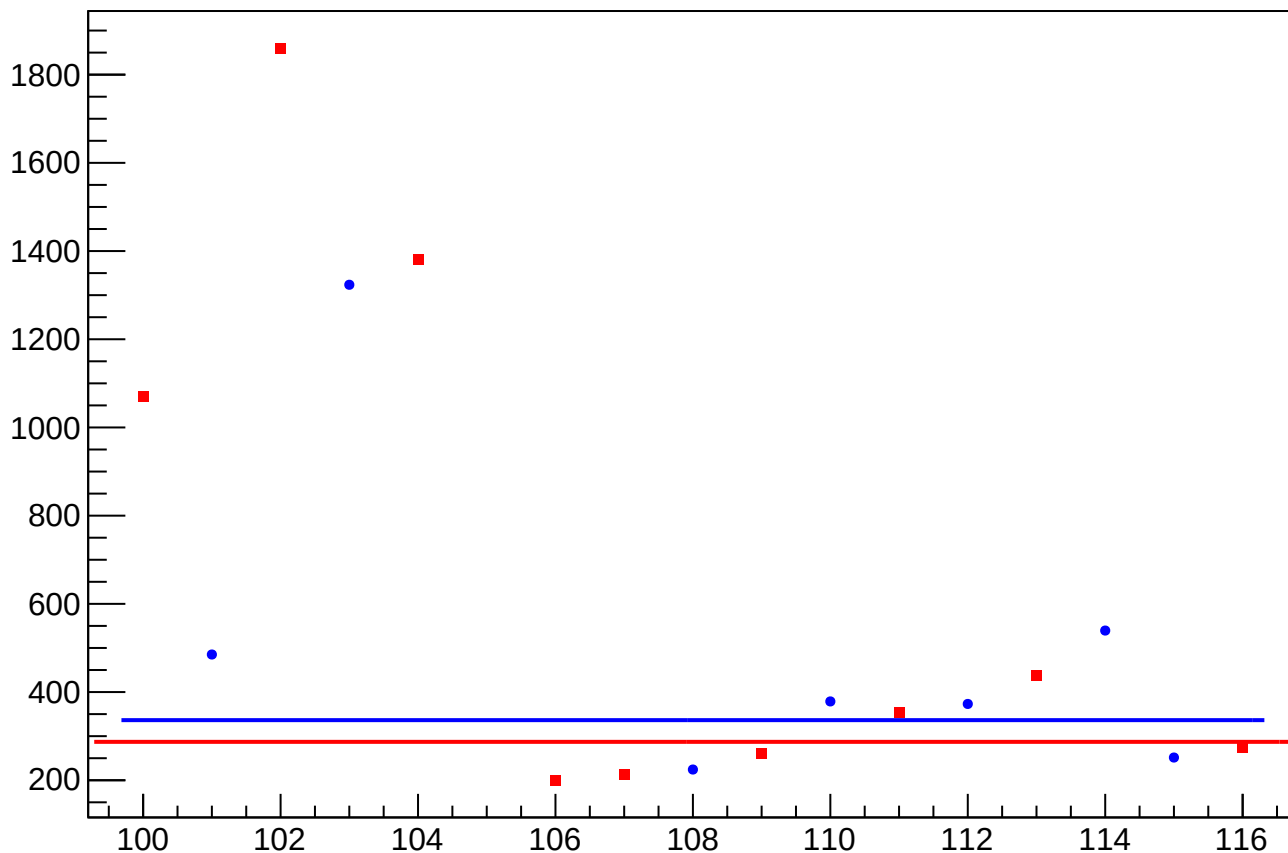
Right: 0.119 ± 0.147 χ^2/NDF : 18.5/15

In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.119 ± 0.147 χ^2/NDF : 18.5/15

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.310+/-0.162 χ^2/NDF : 1044329.4/6

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

Right Out: 287.108+/-0.135 χ^2/NDF : 1554549.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

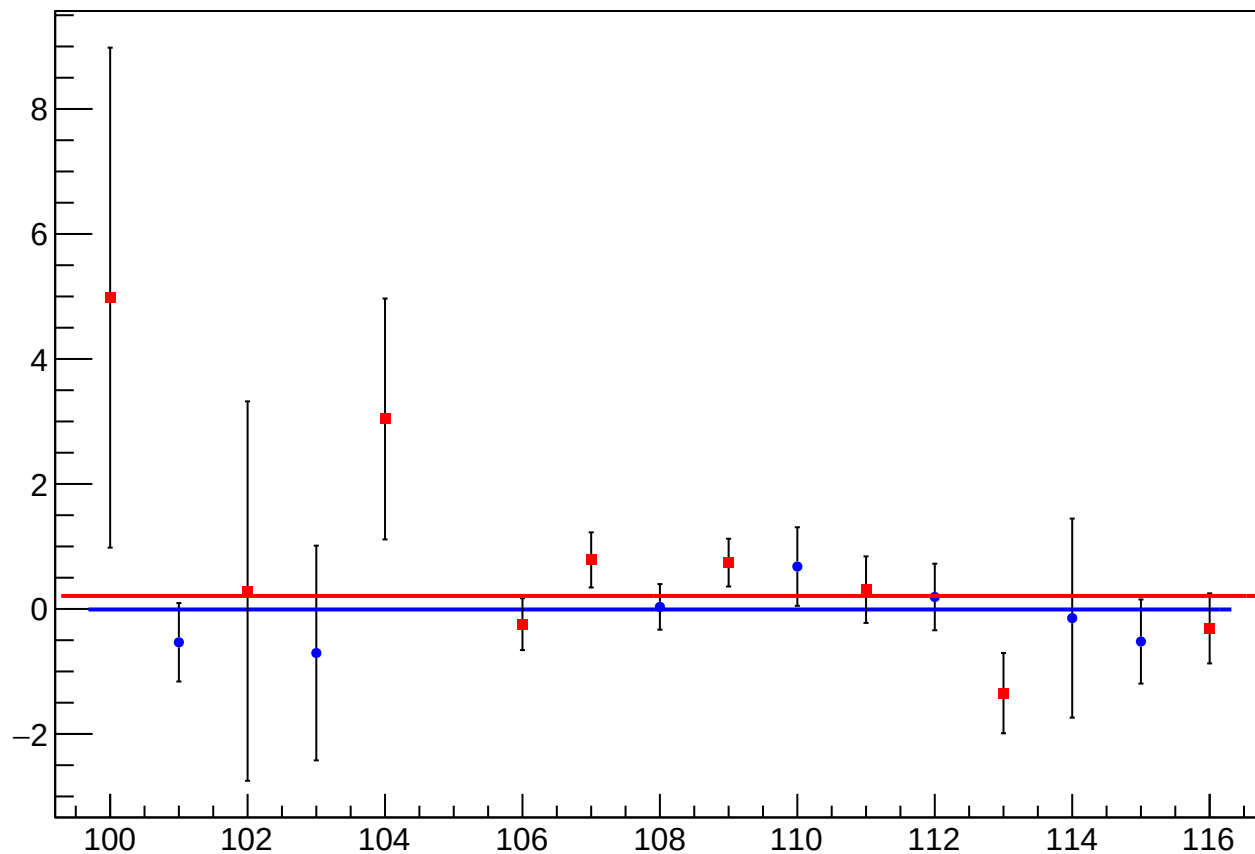
Right: 307.302+/-0.104 χ^2/NDF : 2653264.0/15

In: 336.310+/-0.162 χ^2/NDF : 1044329.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.302+/-0.104 χ^2/NDF : 2653264.0/15

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

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

Right Out: 0.208 ± 0.191 χ^2/NDF : 15.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

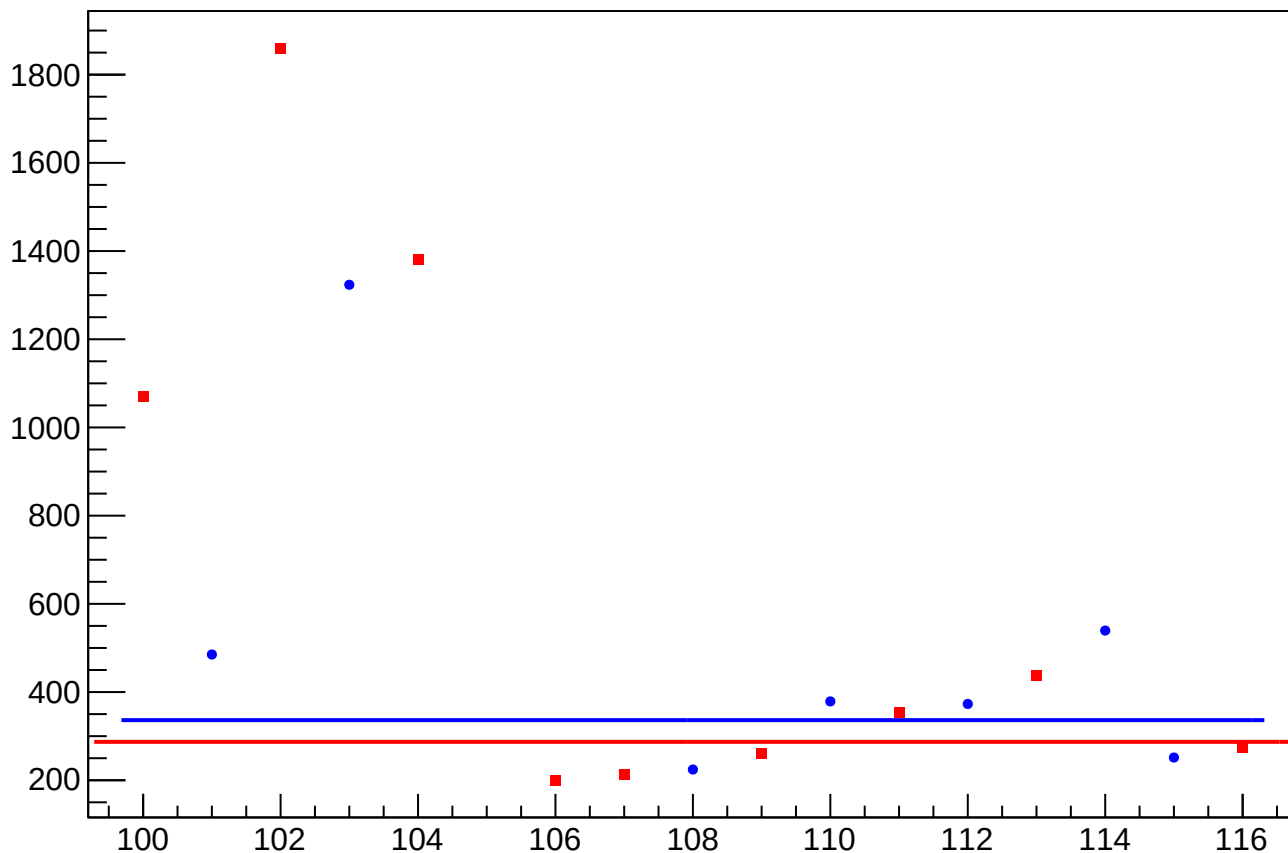
Right: 0.119 ± 0.147 χ^2/NDF : 18.5/15

In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.119 ± 0.147 χ^2/NDF : 18.5/15

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.310+/-0.162 χ^2/NDF : 1044329.4/6

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

Right Out: 287.108+/-0.135 χ^2/NDF : 1554549.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

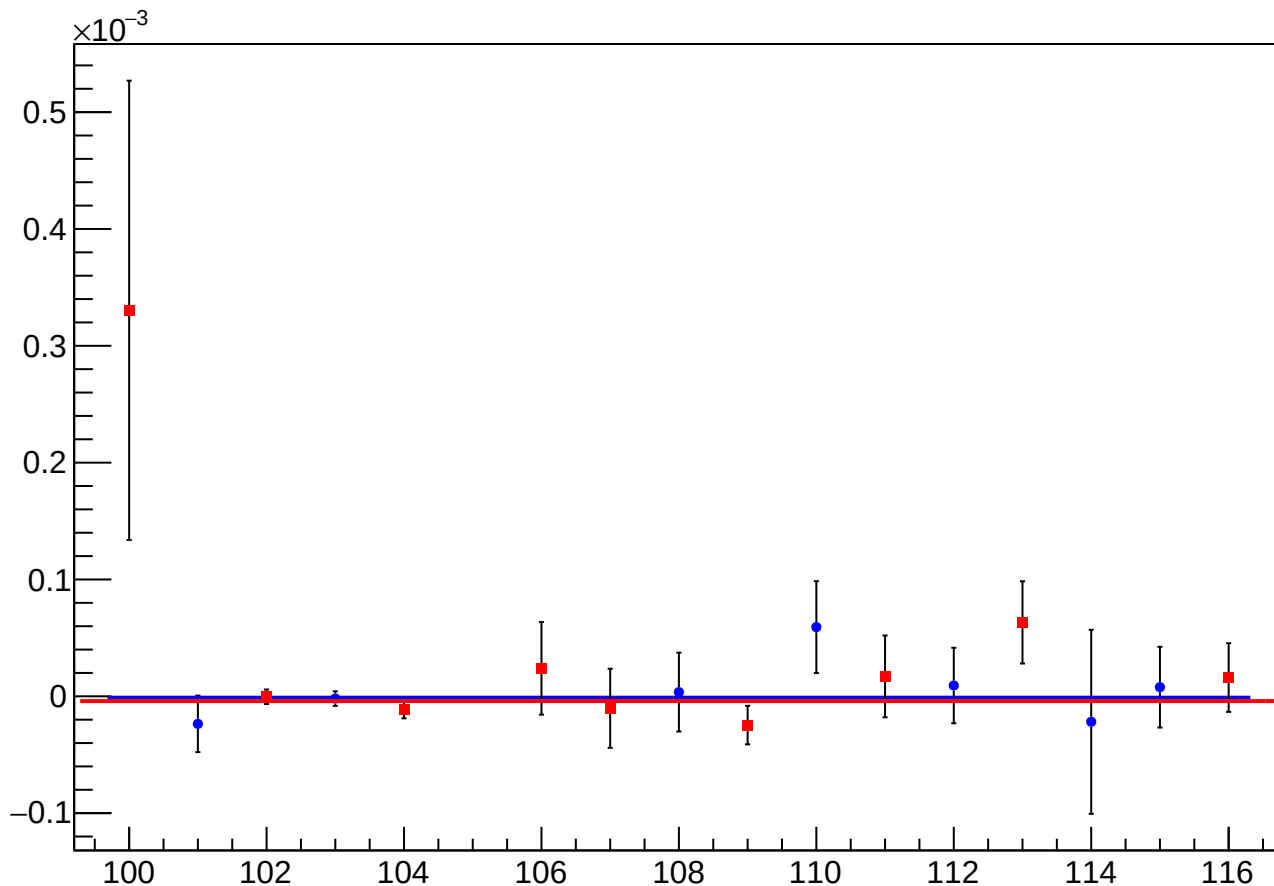
Right: 307.302+/-0.104 χ^2/NDF : 2653264.0/15

In: 336.310+/-0.162 χ^2/NDF : 1044329.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.302+/-0.104 χ^2/NDF : 2653264.0/15

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.5/6

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

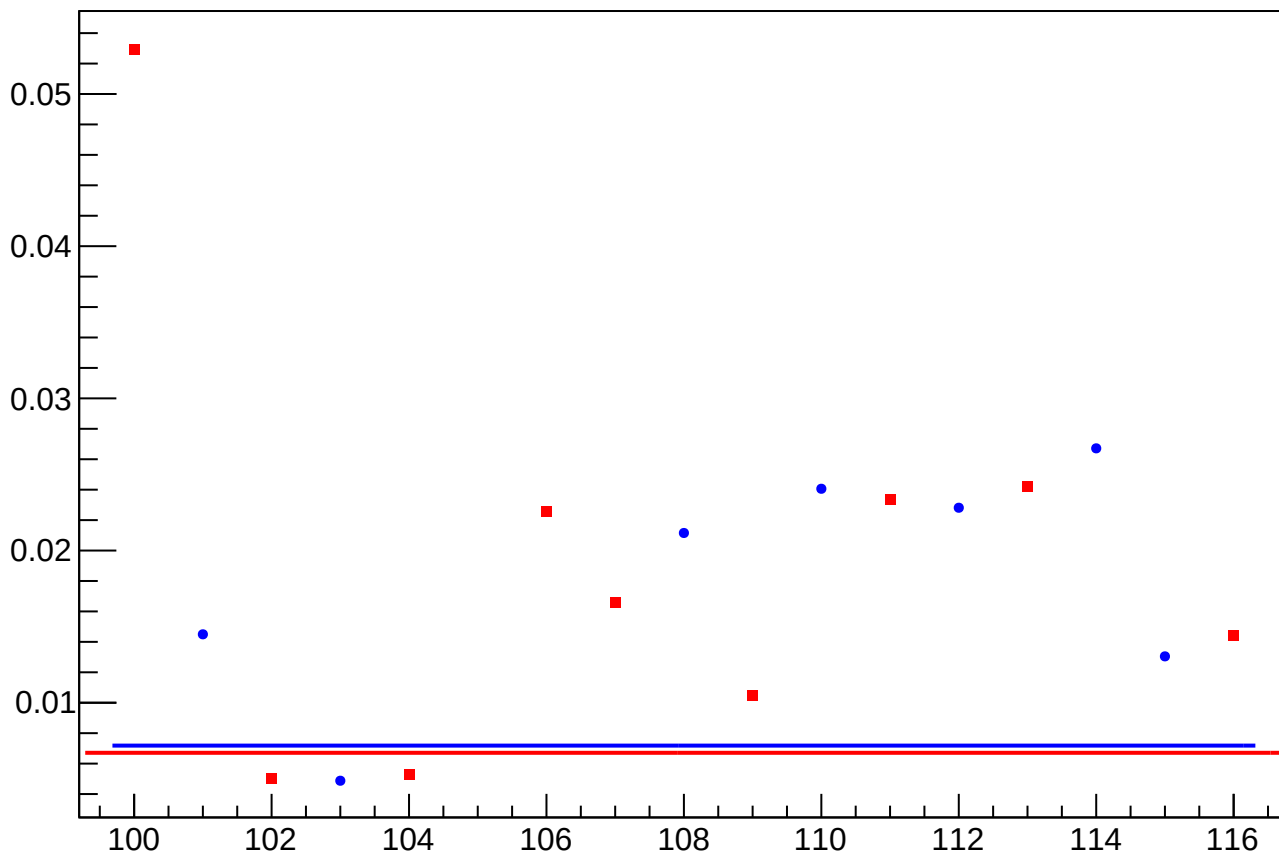
Right: -0.000+/-0.000 χ^2 /NDF: 14.5/15

In: -0.000+/-0.000 χ^2 /NDF:3.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.5/15

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1814934.4/6

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

Right Out: 0.007+/-0.000 χ^2/NDF : 2017362.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

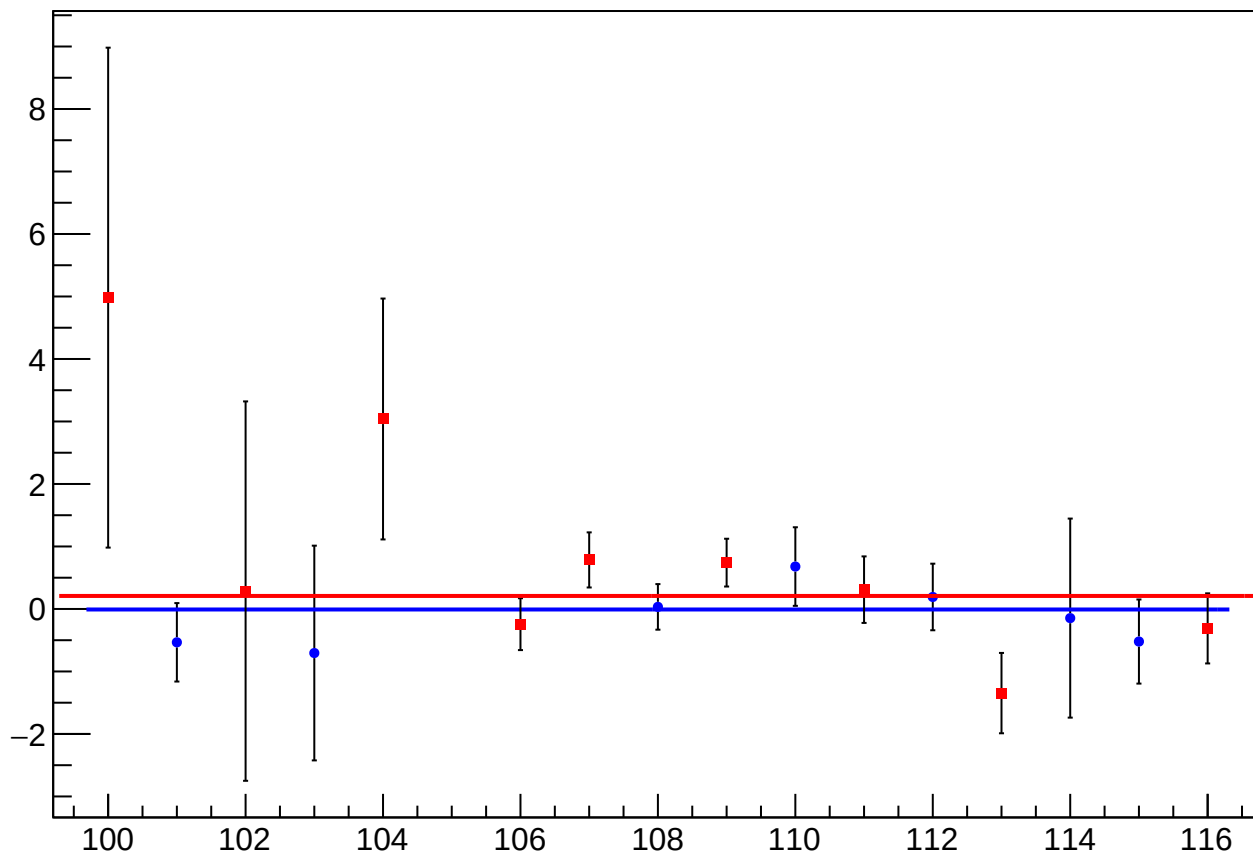
Right: 0.007+/-0.000 χ^2/NDF : 3840937.2/15

In: 0.007+/-0.000 χ^2/NDF :1814934.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3840937.2/15

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

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

Right Out: 0.208 ± 0.191 χ^2/NDF : 15.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

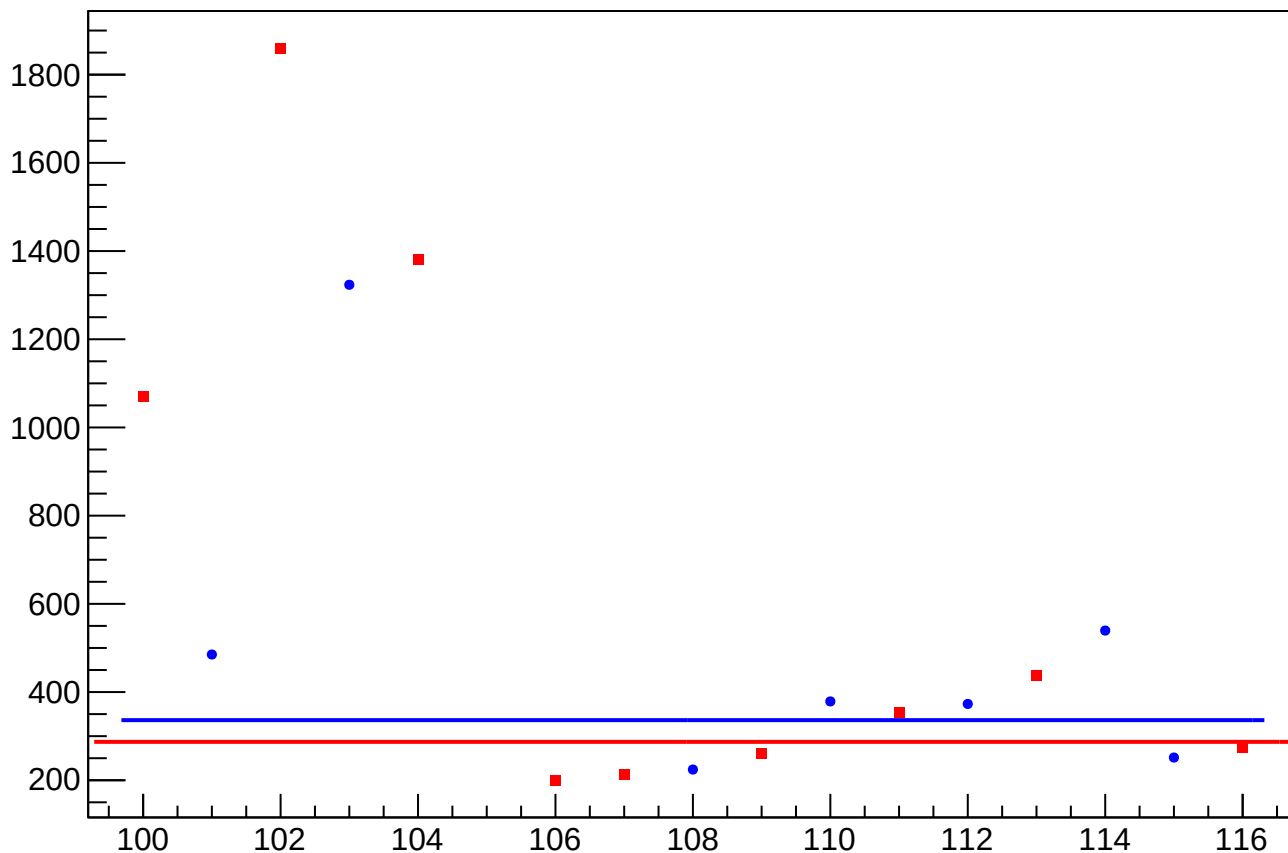
Right: 0.119 ± 0.147 χ^2/NDF : 18.5/15

In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.119 ± 0.147 χ^2/NDF : 18.5/15

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.308+/-0.162 χ^2/NDF : 1044351.6/6

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

Right Out: 287.108+/-0.135 χ^2/NDF : 1554549.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

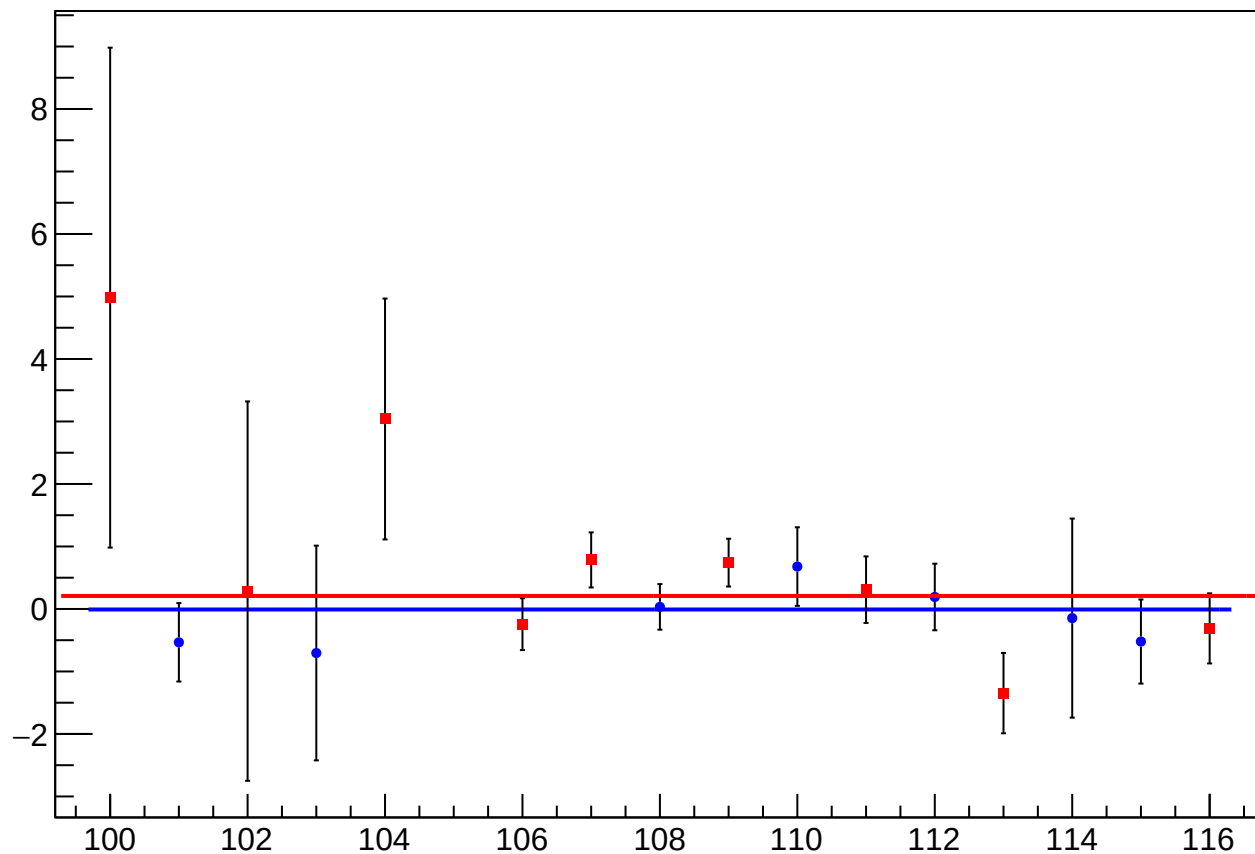
Right: 307.302+/-0.104 χ^2/NDF : 2653280.2/15

In: 336.308+/-0.162 χ^2/NDF : 1044351.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.302+/-0.104 χ^2/NDF : 2653280.2/15

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

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

Right Out: 0.208 ± 0.191 χ^2/NDF : 15.2/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

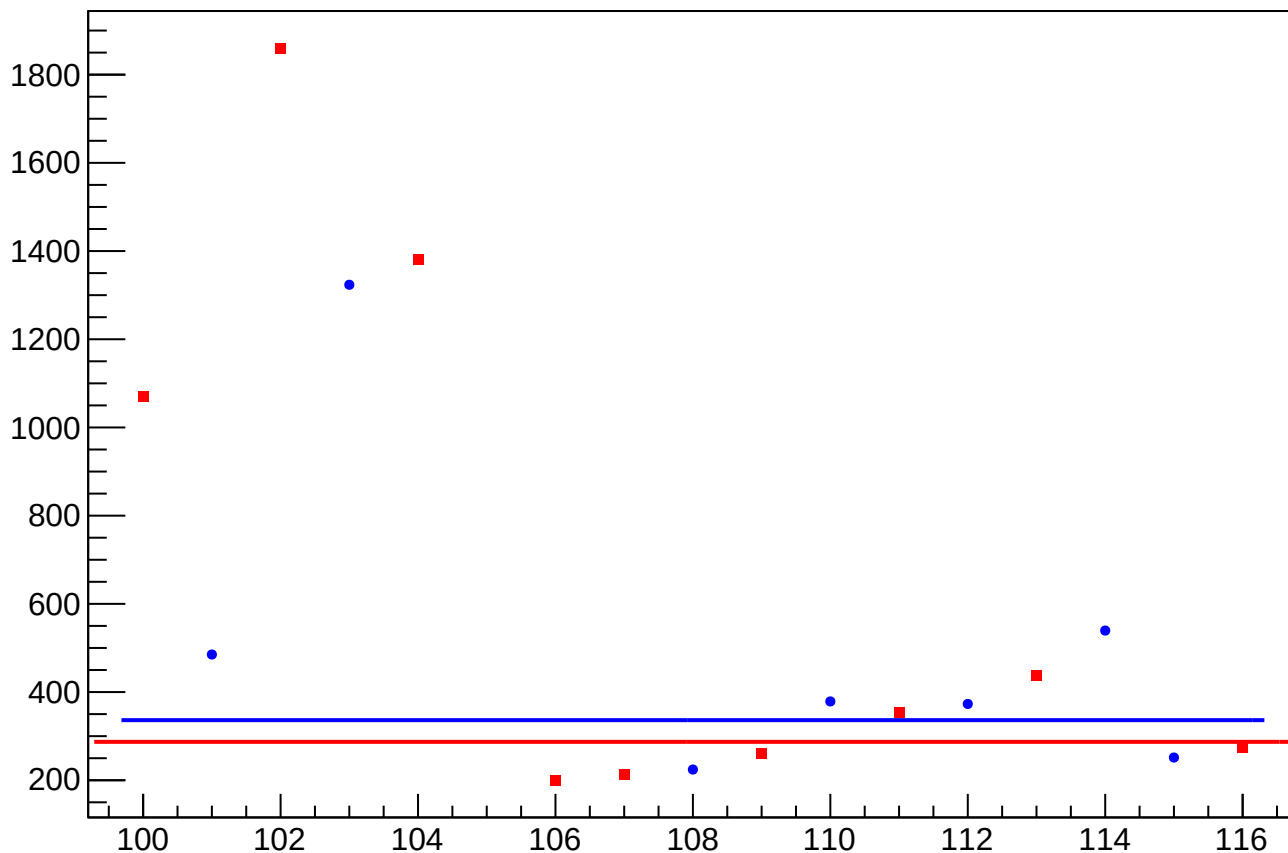
Right: 0.119 ± 0.147 χ^2/NDF : 18.5/15

In: -0.008 ± 0.229 χ^2/NDF : 2.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.119 ± 0.147 χ^2/NDF : 18.5/15

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.308+/-0.162 χ^2/NDF : 1044351.6/6

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

Right Out: 287.108+/-0.135 χ^2/NDF : 1554549.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

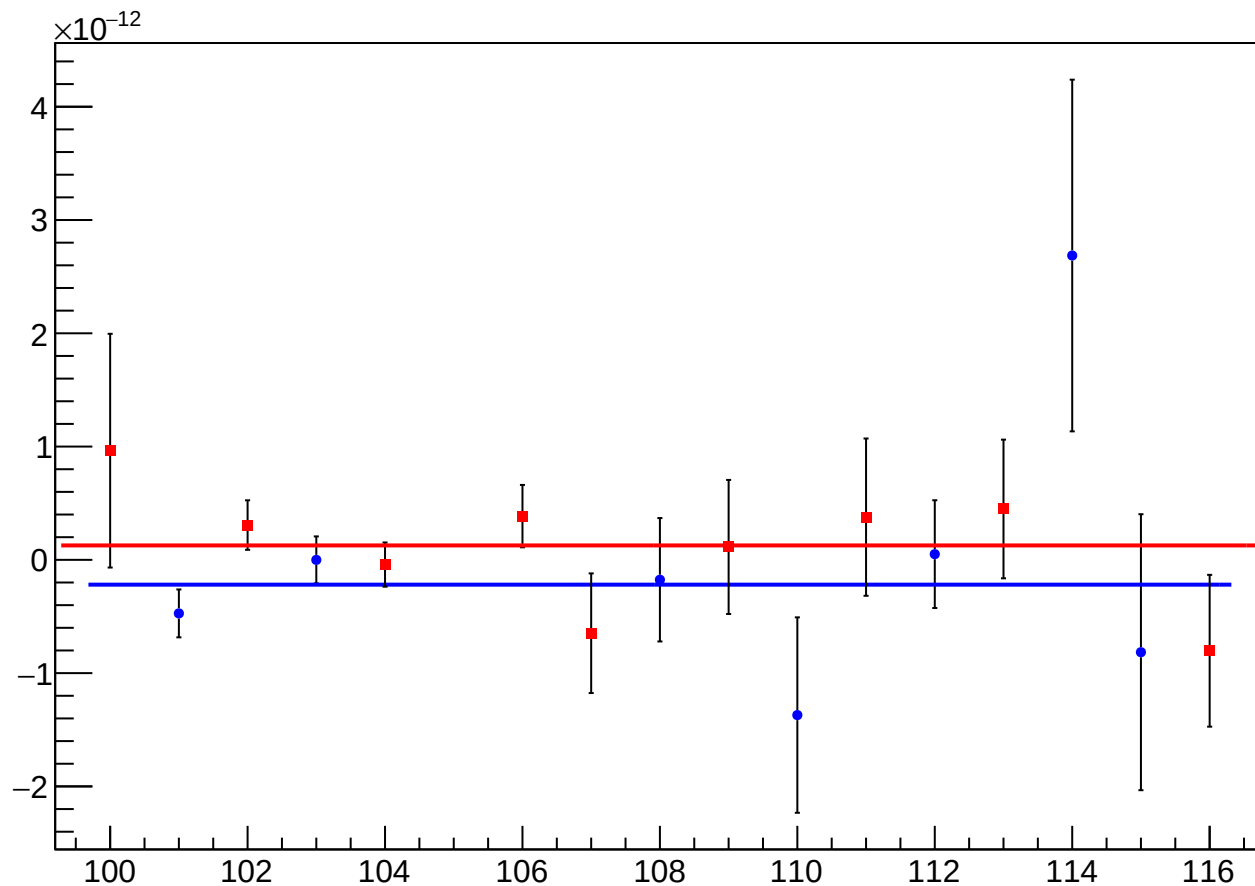
Right: 307.302+/-0.104 χ^2/NDF : 2653280.2/15

In: 336.308+/-0.162 χ^2/NDF : 1044351.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.302+/-0.104 χ^2/NDF : 2653280.2/15

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

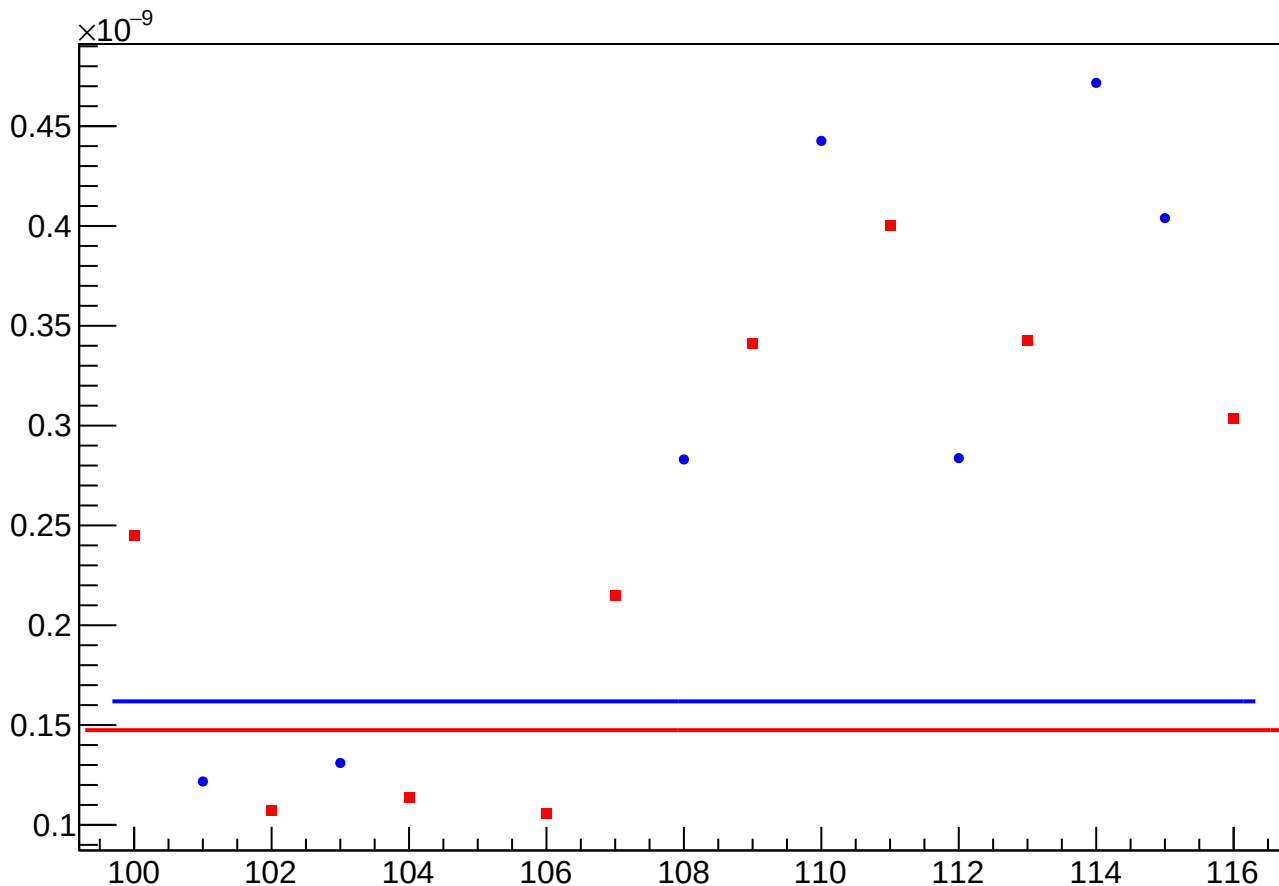
Right: -0.000+/-0.000 χ^2/NDF : 19.7/15

In: -0.000+/-0.000 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.7/15

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 716932.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1014747.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

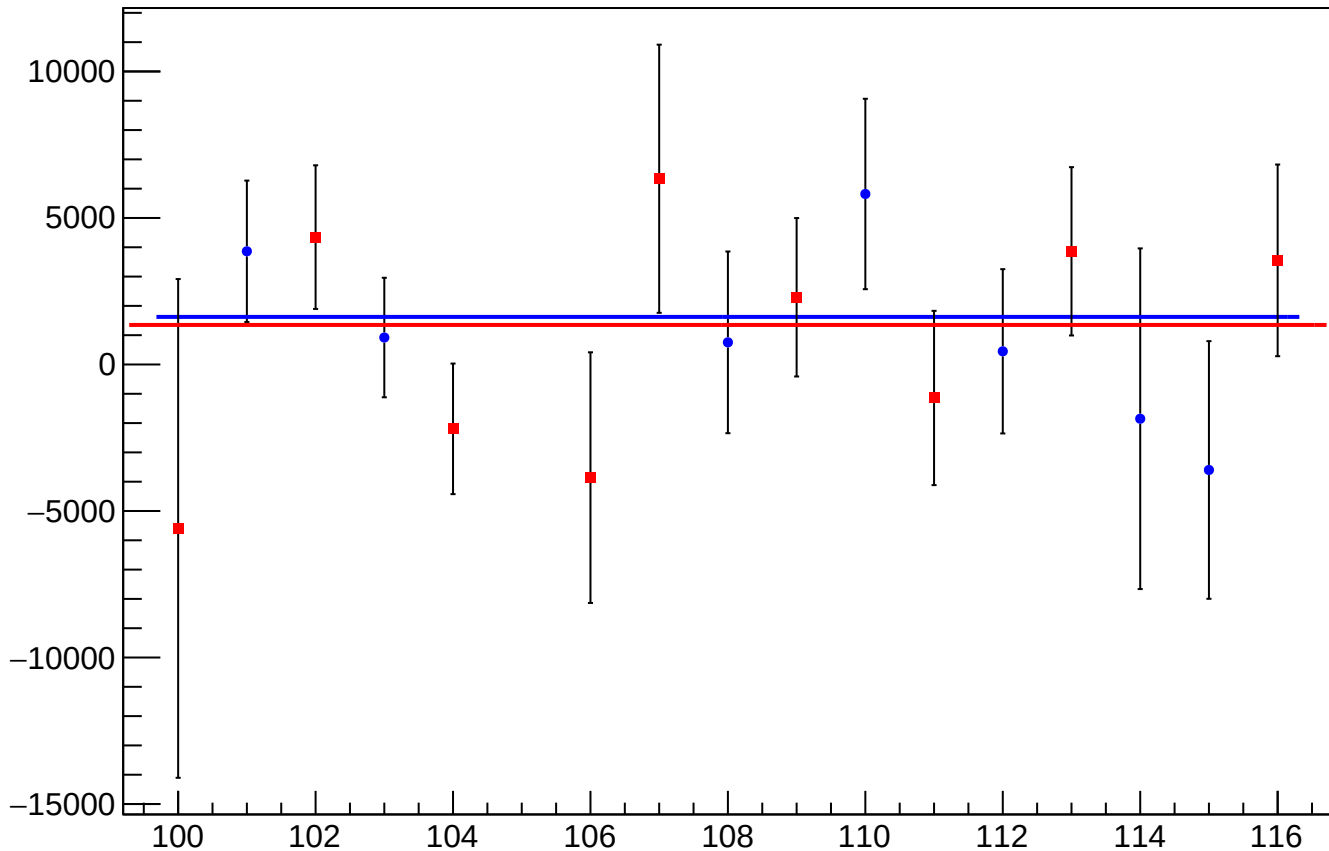
Right: 0.000+/-0.000 χ^2/NDF : 1744953.2/15

In: 0.000+/-0.000 χ^2/NDF : 716932.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1744953.2/15

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1623.936+/-1104.575 χ^2/NDF : 4.7/6

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

Right Out: 1349.415+/-1026.603 χ^2/NDF : 9.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

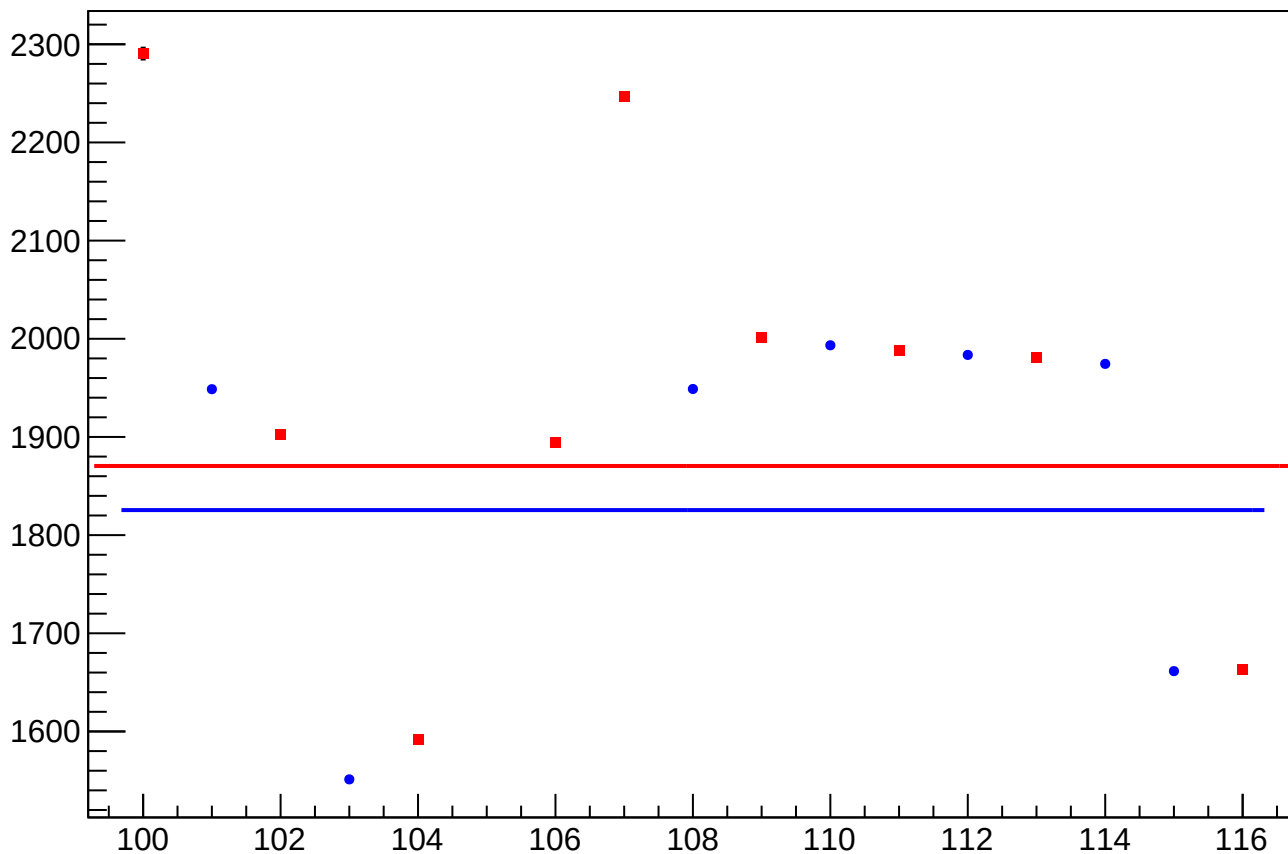
Right: 1476.645+/-751.974 χ^2/NDF : 14.1/15

In: 1623.936+/-1104.575 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.645+/-751.974 χ^2/NDF : 14.1/15

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1825.494+/-0.781 χ^2/NDF : 60357.7/6

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

Right Out: 1870.432+/-0.717 χ^2/NDF : 68990.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

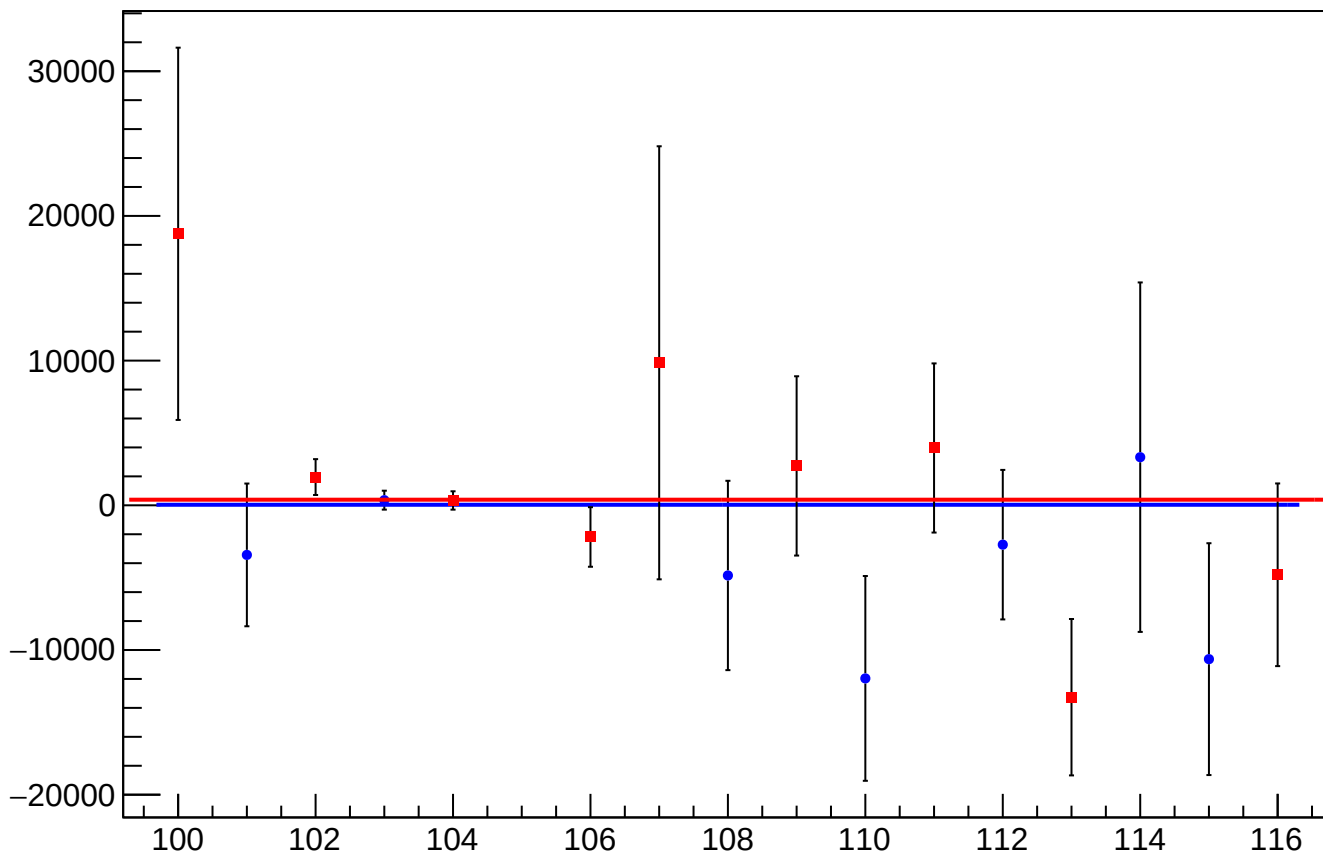
Right: 1849.873+/-0.528 χ^2/NDF : 131144.3/15

In: 1825.494+/-0.781 χ^2/NDF : 60357.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.873+/-0.528 χ^2/NDF : 131144.3/15

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 38.070+/-634.688 χ^2/NDF : 6.3/6

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

Right Out: 388.051+/-534.551 χ^2/NDF : 13.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

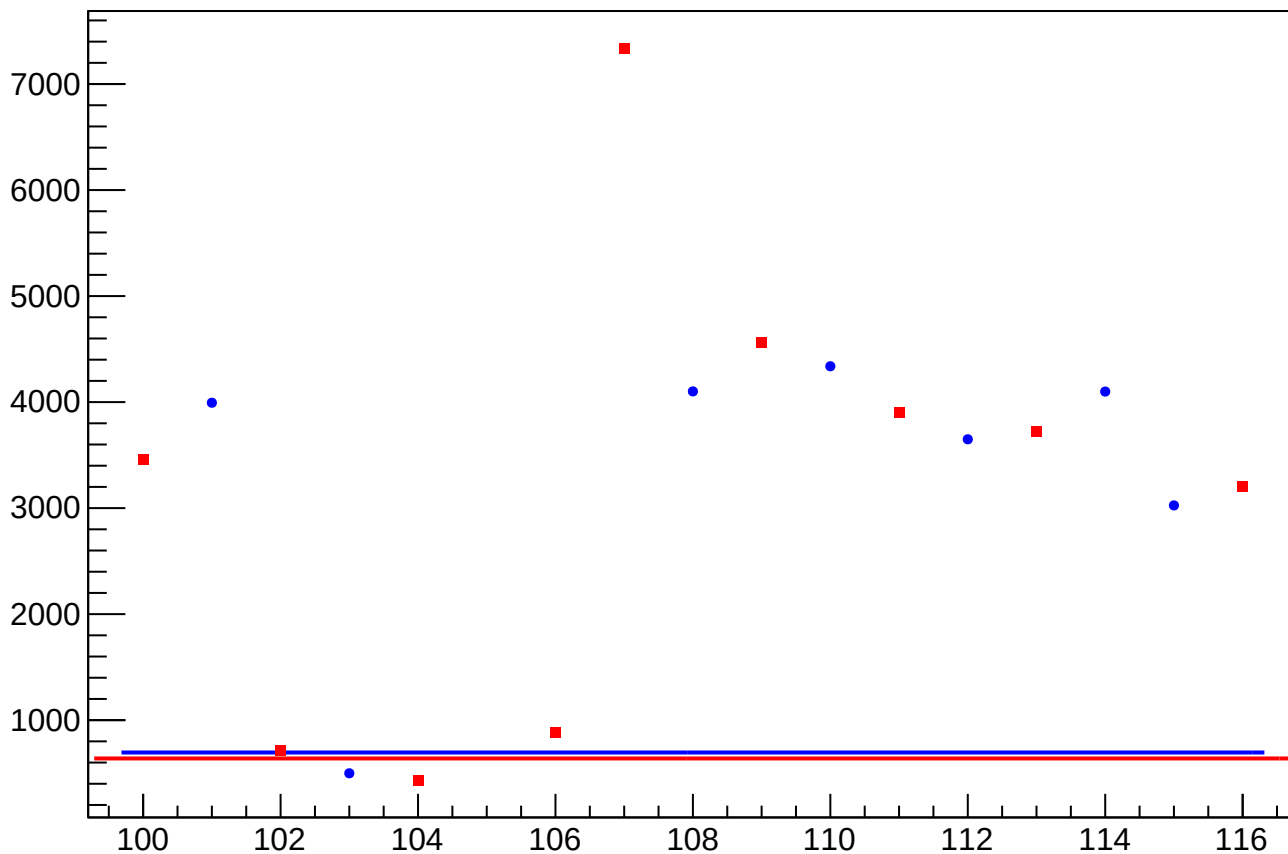
Right: 242.816+/-408.860 χ^2/NDF : 19.7/15

In: 38.070+/-634.688 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.816+/-408.860 χ^2/NDF : 19.7/15

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 694.935+/-0.449 χ^2/NDF : 3128849.4/6

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

Right Out: 638.629+/-0.378 χ^2/NDF : 3161597.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

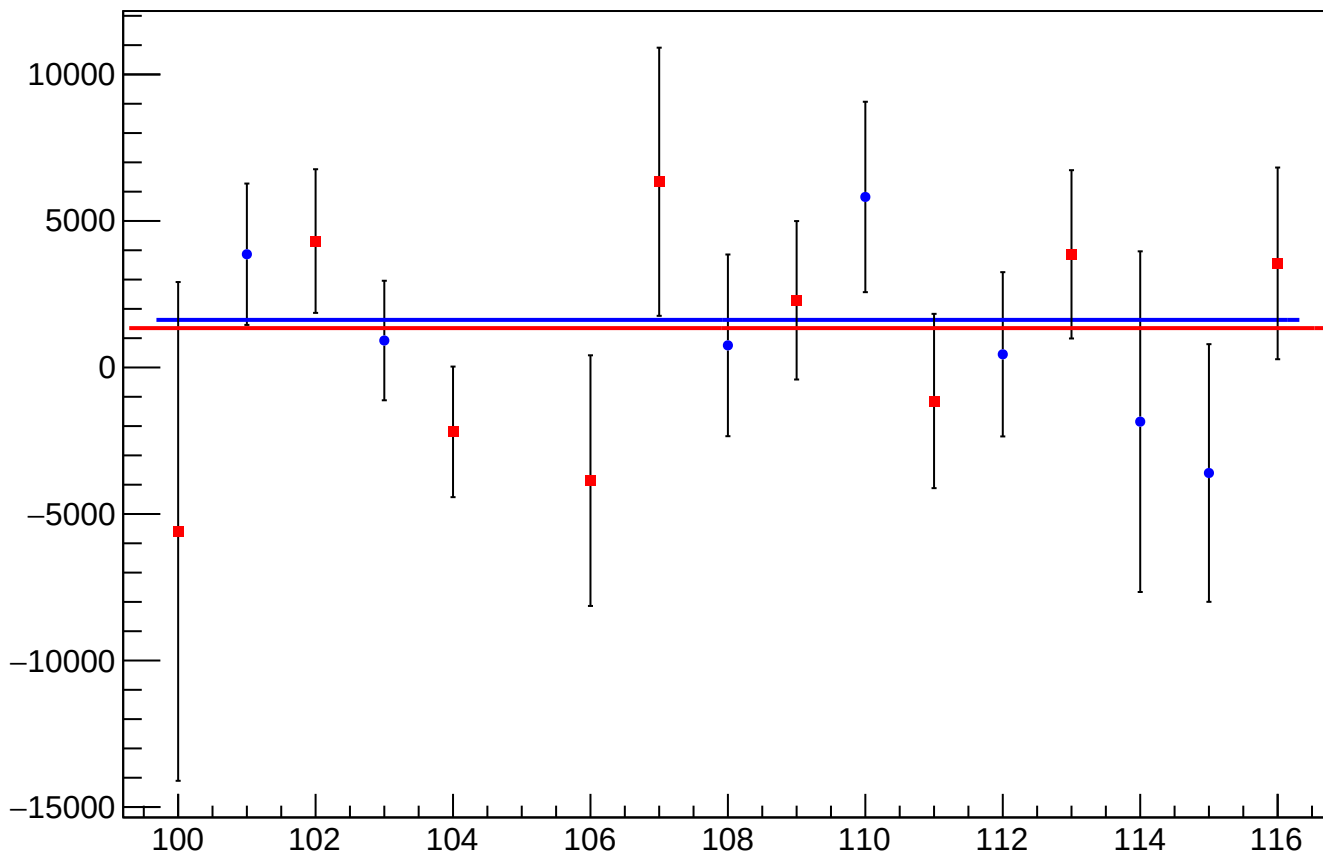
Right: 661.995+/-0.289 χ^2/NDF : 6299655.1/15

In: 694.935+/-0.449 χ^2/NDF :3128849.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 661.995+/-0.289 χ^2/NDF : 6299655.1/15

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1624.383+/-1104.575 χ^2 /NDF: 4.7/6

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

Right Out: 1343.294+/-1026.624 χ^2 /NDF: 9.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

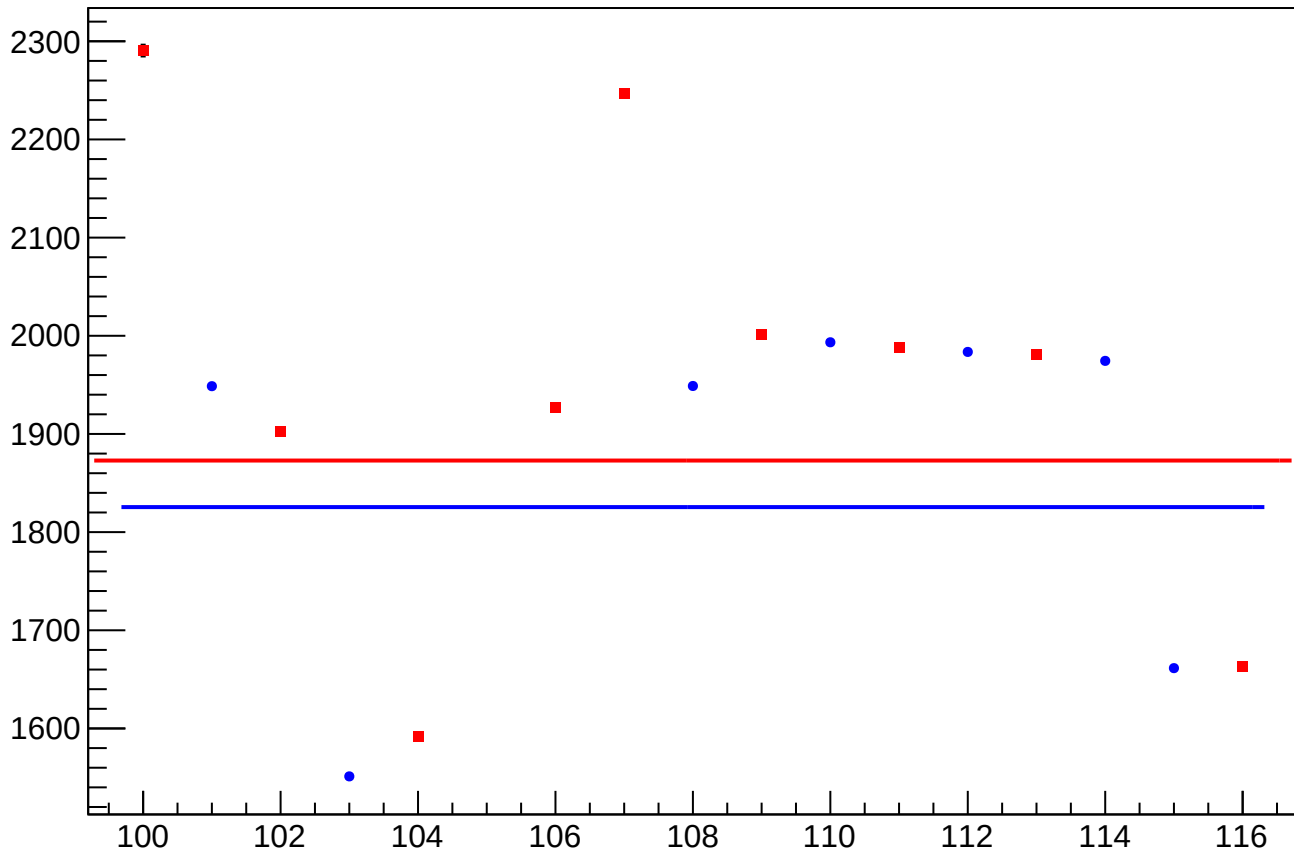
Right: 1473.571+/-751.982 χ^2 /NDF: 14.1/15

In: 1624.383+/-1104.575 χ^2 /NDF:4.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1473.571+/-751.982 χ^2 /NDF: 14.1/15

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1825.494+/-0.781 χ^2/NDF : 60358.0/6

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

Right Out: 1872.915+/-0.718 χ^2/NDF : 69372.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

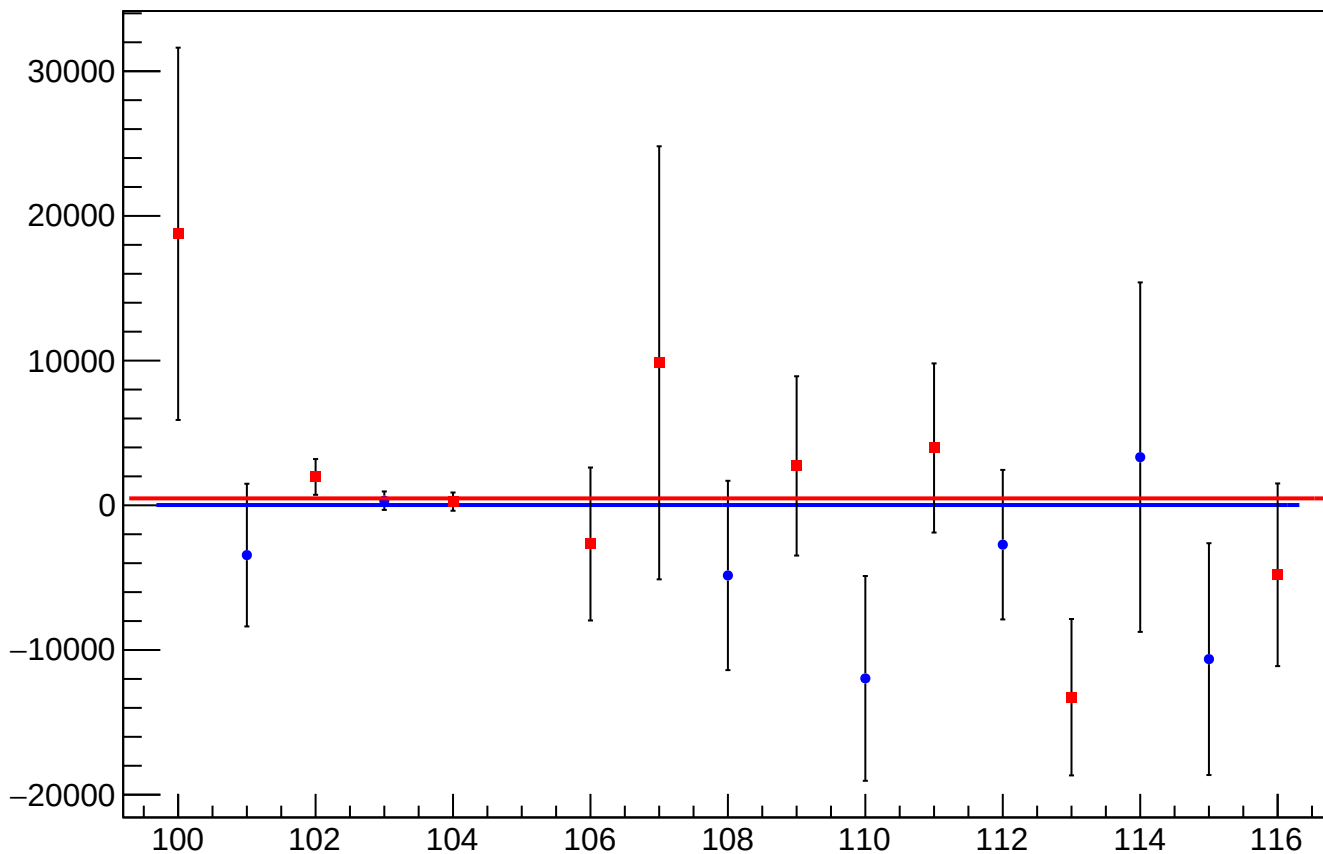
Right: 1851.191+/-0.529 χ^2/NDF : 131727.7/15

In: 1825.494+/-0.781 χ^2/NDF : 60358.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.191+/-0.529 χ^2/NDF : 131727.7/15

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 19.299+/-619.631 χ^2/NDF : 6.3/6

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

Right Out: 478.677+/-547.610 χ^2/NDF : 12.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

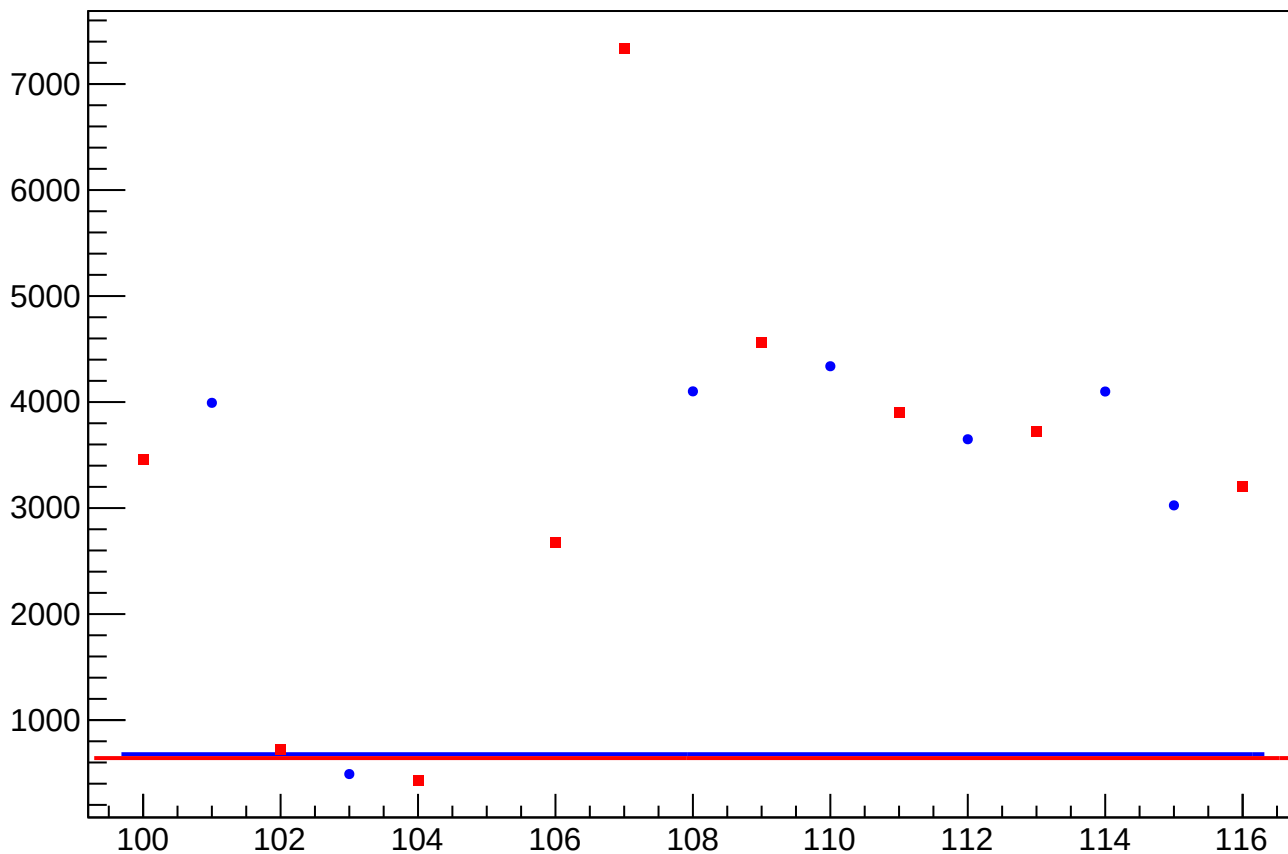
Right: 277.225+/-410.331 χ^2/NDF : 18.6/15

In: 19.299+/-619.631 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.225+/-410.331 χ^2/NDF : 18.6/15

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.060+/-0.438 χ^2/NDF : 3152684.9/6

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

Right Out: 641.449+/-0.387 χ^2/NDF : 3434974.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

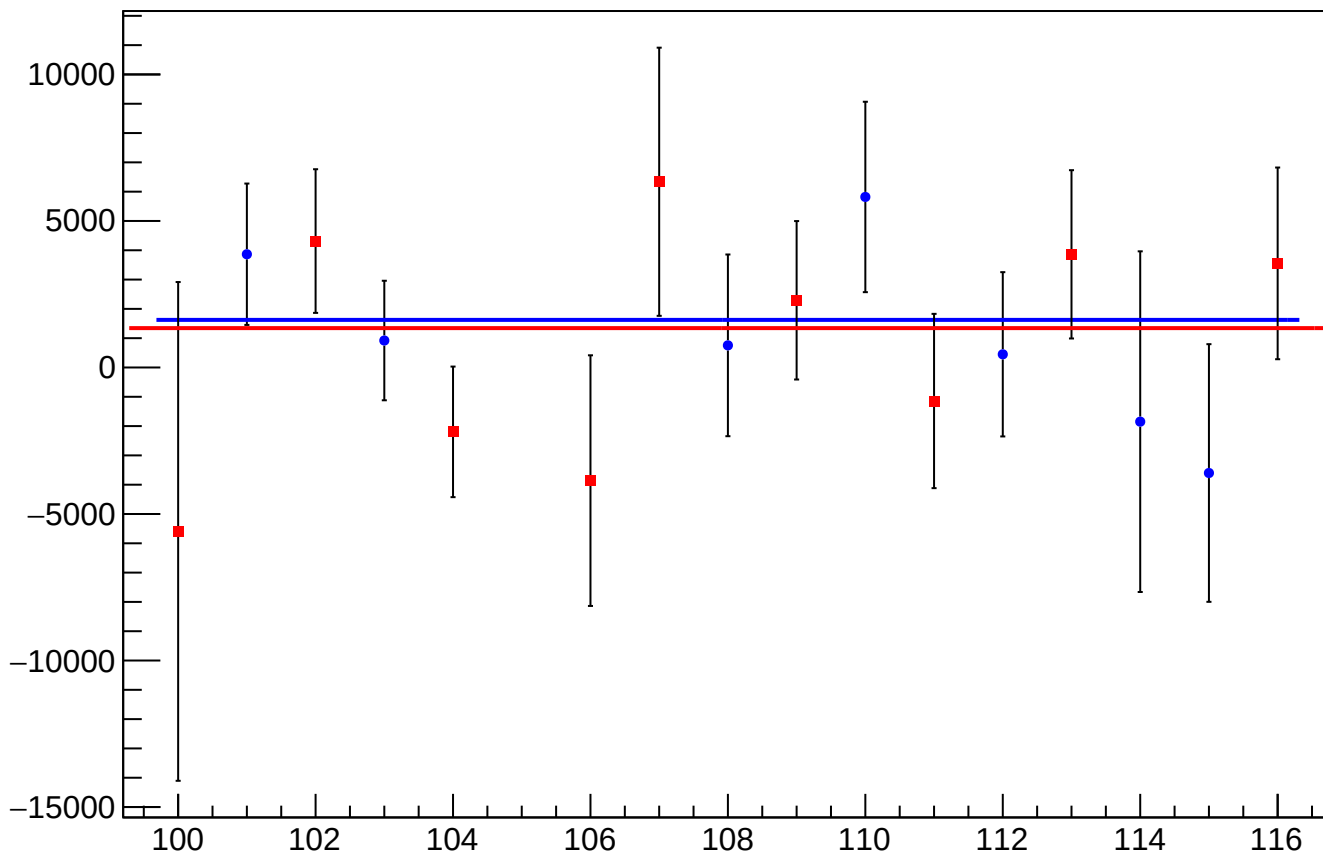
Right: 657.504+/-0.290 χ^2/NDF : 6591579.4/15

In: 678.060+/-0.438 χ^2/NDF : 3152684.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.504+/-0.290 χ^2/NDF : 6591579.4/15

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1624.383+/-1104.575 χ^2/NDF : 4.7/6

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

Right Out: 1343.294+/-1026.624 χ^2/NDF : 9.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

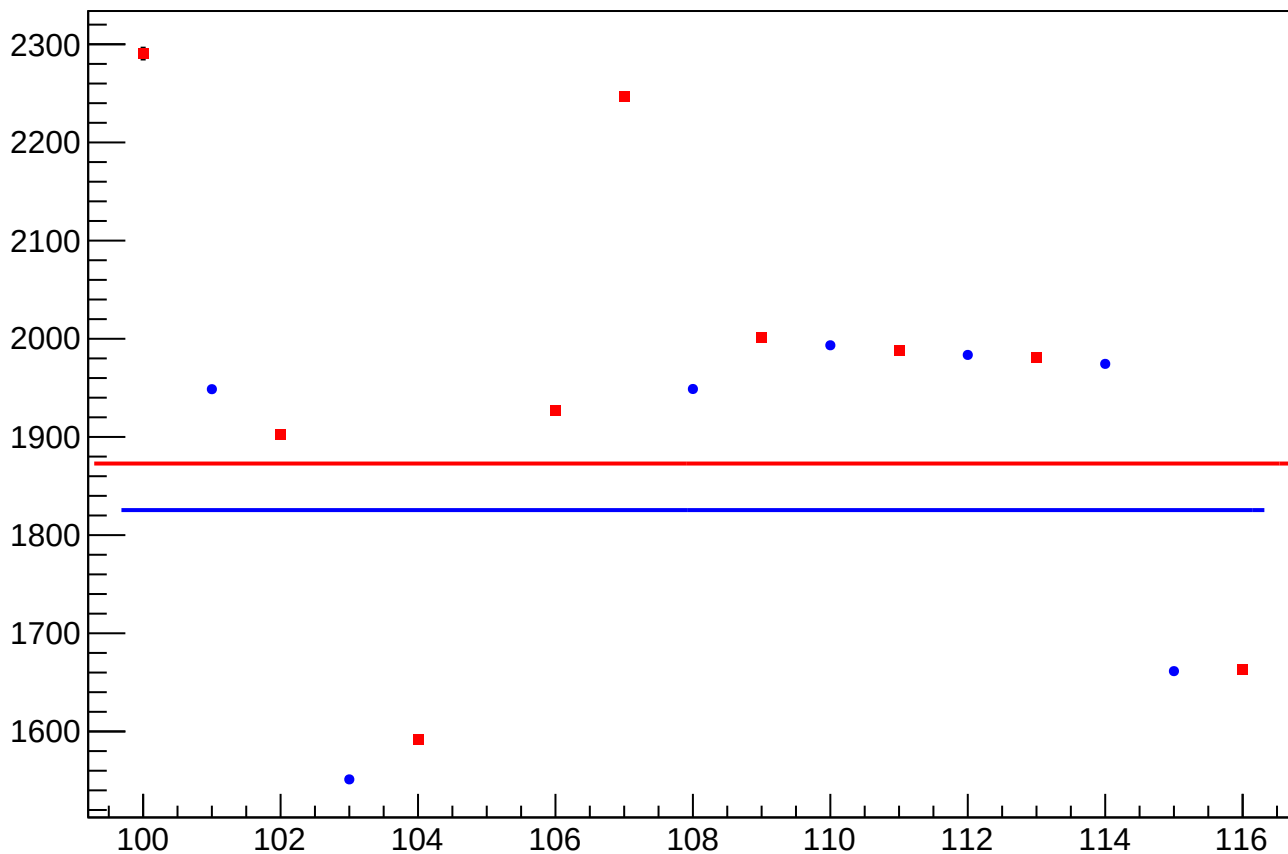
Right: 1473.571+/-751.982 χ^2/NDF : 14.1/15

In: 1624.383+/-1104.575 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.571+/-751.982 χ^2/NDF : 14.1/15

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1825.494+/-0.781 χ^2/NDF : 60358.0/6

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

Right Out: 1872.915+/-0.718 χ^2/NDF : 69372.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

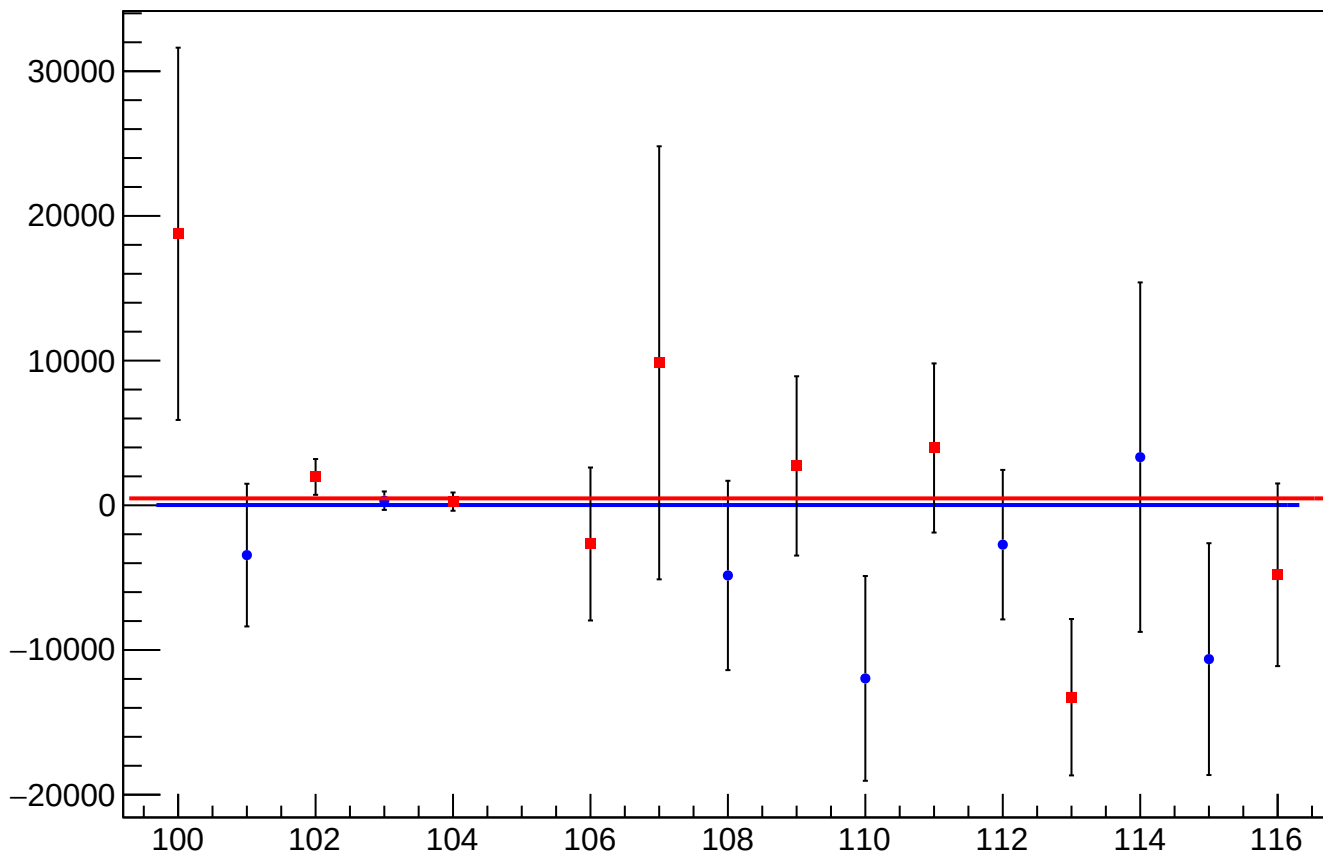
Right: 1851.191+/-0.529 χ^2/NDF : 131727.7/15

In: 1825.494+/-0.781 χ^2/NDF : 60358.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.191+/-0.529 χ^2/NDF : 131727.7/15

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 19.299+/-619.631 χ^2 /NDF: 6.3/6

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

Right Out: 478.677+/-547.610 χ^2 /NDF: 12.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

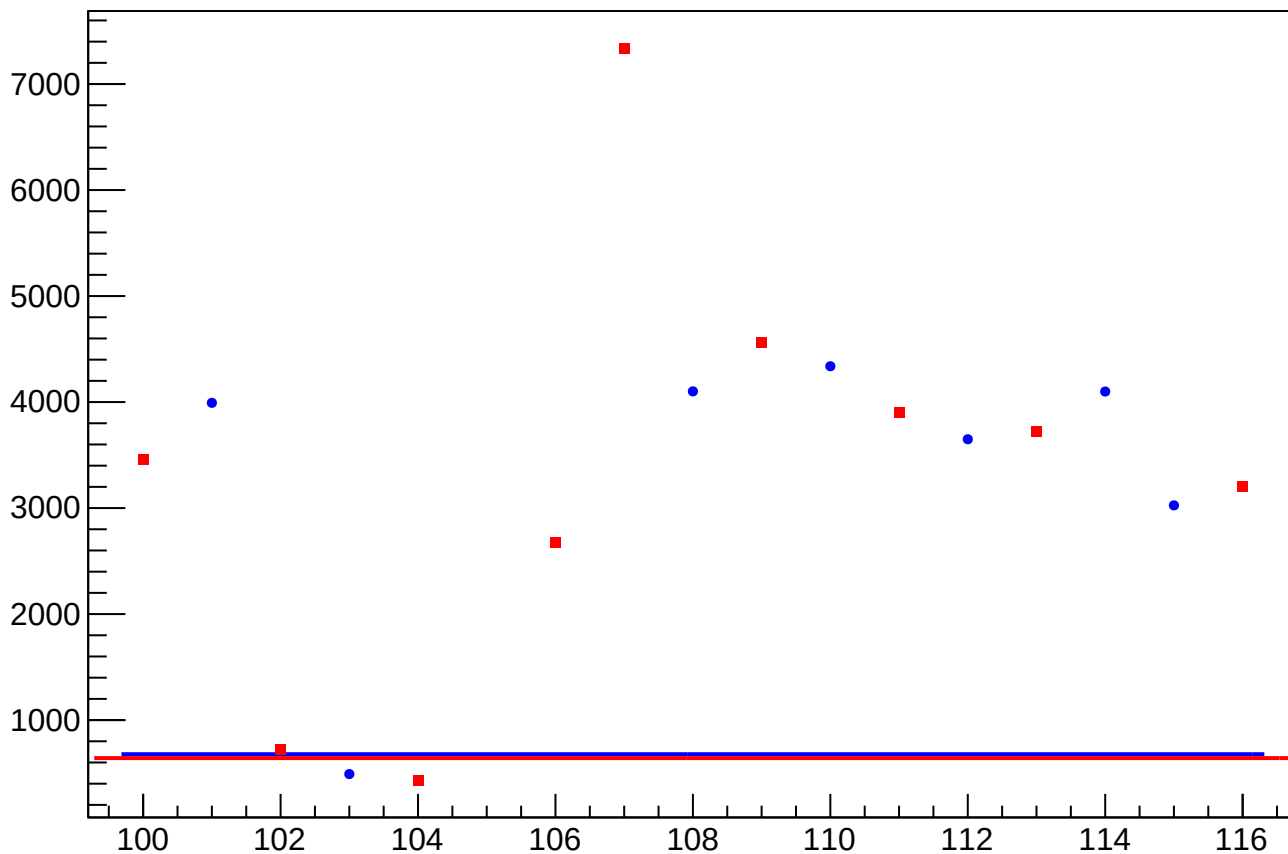
Right: 277.225+/-410.331 χ^2 /NDF: 18.6/15

In: 19.299+/-619.631 χ^2 /NDF:6.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 277.225+/-410.331 χ^2 /NDF: 18.6/15

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.060+/-0.438 χ^2/NDF : 3152684.9/6

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

Right Out: 641.449+/-0.387 χ^2/NDF : 3434974.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

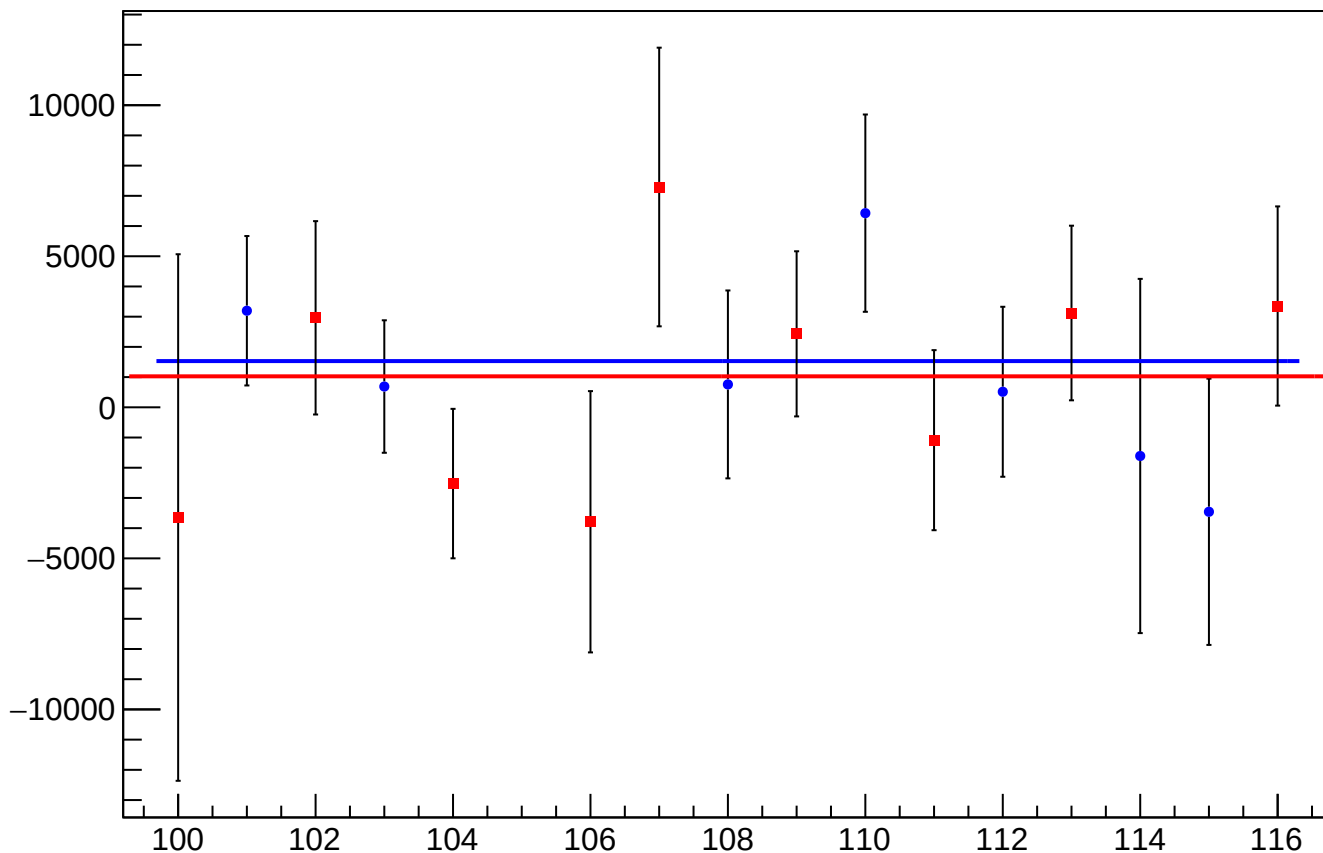
Right: 657.504+/-0.290 χ^2/NDF : 6591579.4/15

In: 678.060+/-0.438 χ^2/NDF : 3152684.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.504+/-0.290 χ^2/NDF : 6591579.4/15

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1530.056+/-1135.503 χ^2/NDF : 4.6/6

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

Right Out: 1025.343+/-1095.733 χ^2/NDF : 7.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

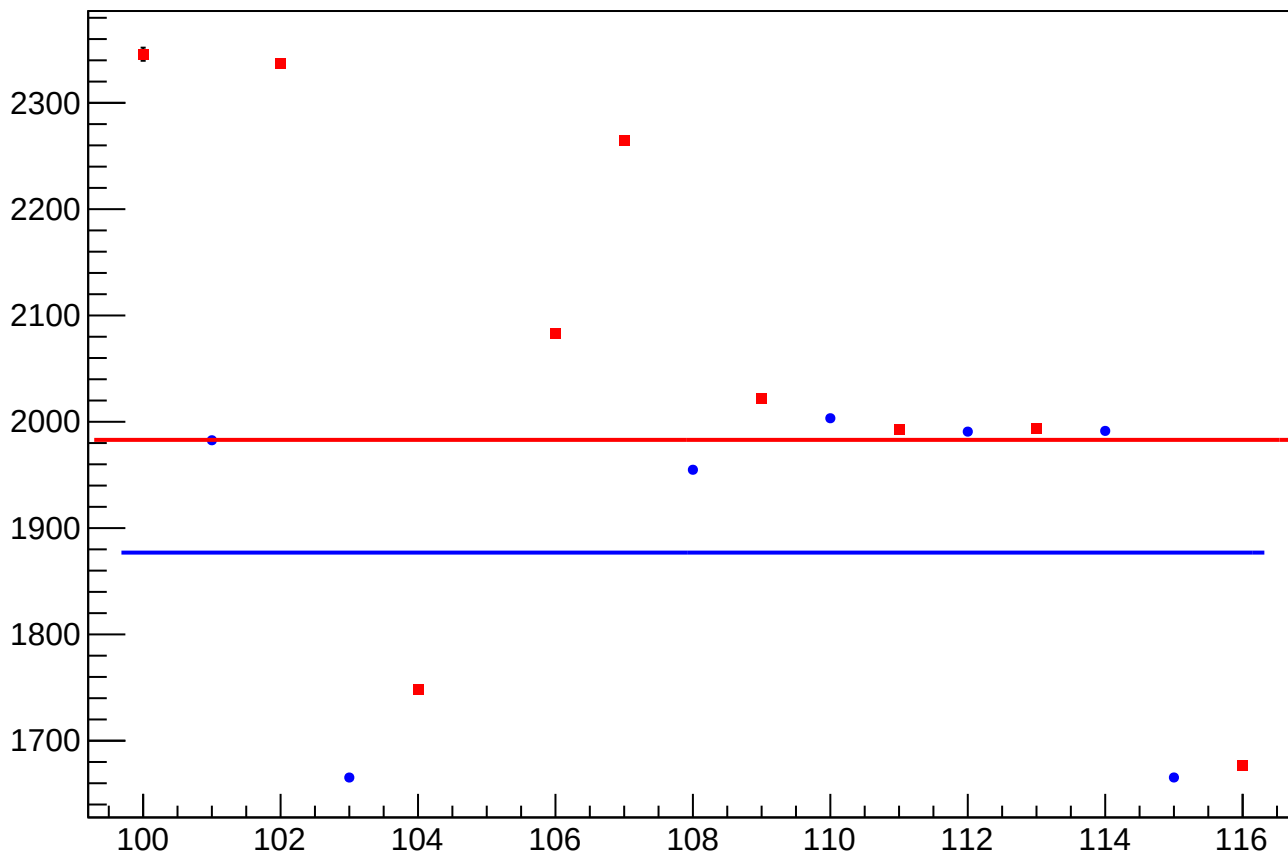
Right: 1268.706+/-788.485 χ^2/NDF : 12.3/15

In: 1530.056+/-1135.503 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1268.706+/-788.485 χ^2/NDF : 12.3/15

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1876.955+/-0.803 χ^2/NDF : 35165.4/6

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

Right Out: 1982.987+/-0.770 χ^2/NDF : 72345.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

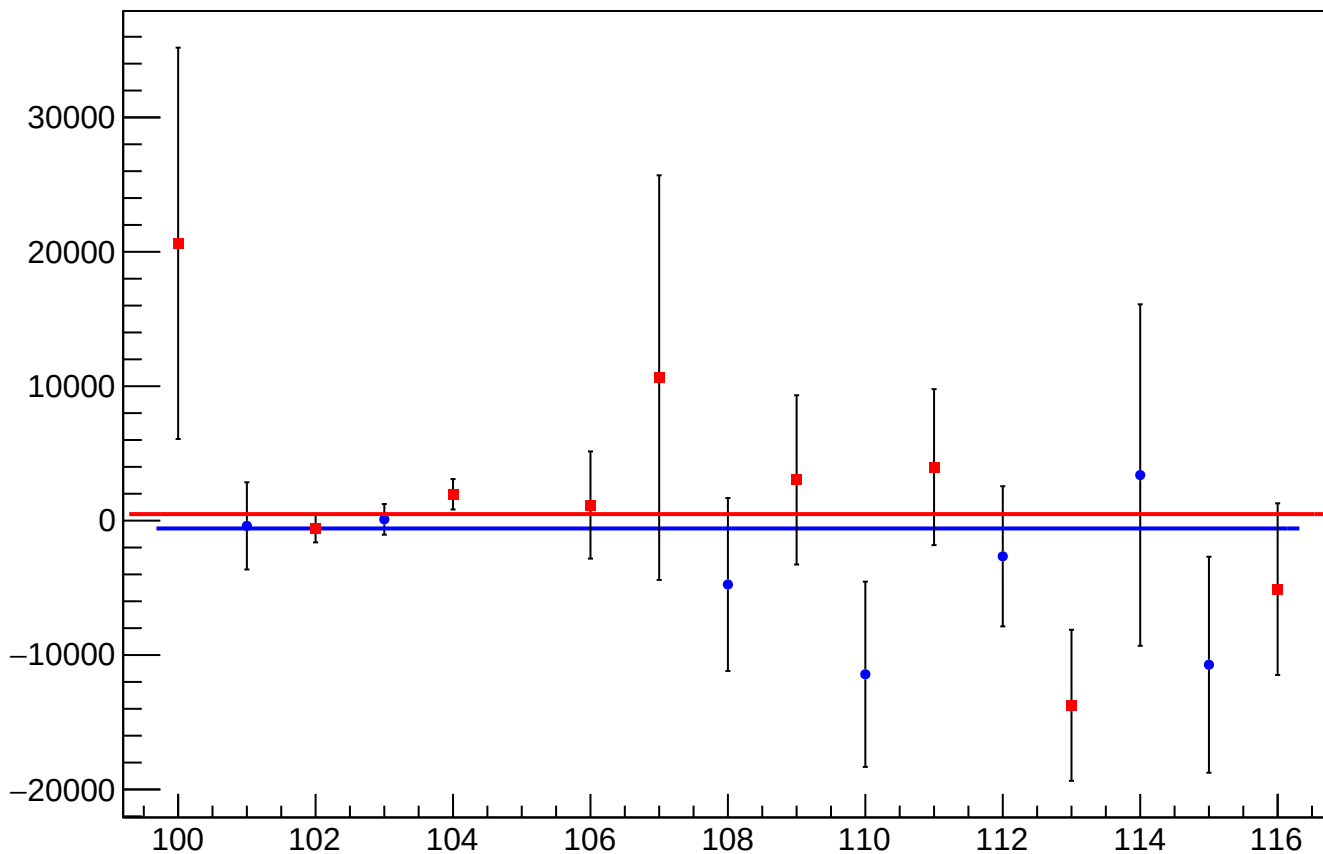
Right: 1932.190+/-0.556 χ^2/NDF : 116595.6/15

In: 1876.955+/-0.803 χ^2/NDF : 35165.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.190+/-0.556 χ^2/NDF : 116595.6/15

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -582.638+/-1017.167 χ^2/NDF : 5.1/6

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

Right Out: 486.302+/-736.100 χ^2/NDF : 12.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

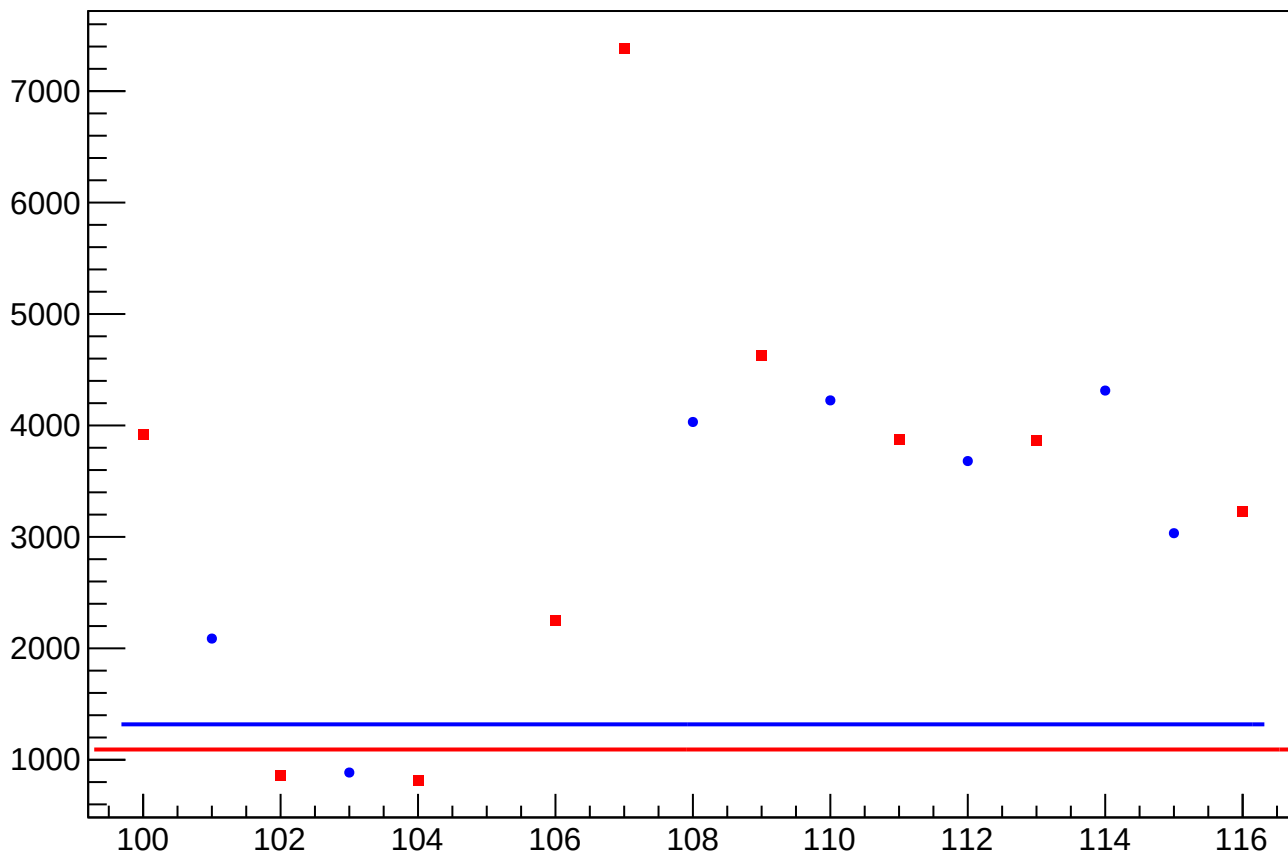
Right: 118.901+/-596.329 χ^2/NDF : 18.6/15

In: -582.638+/-1017.167 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.901+/-596.329 χ^2/NDF : 18.6/15

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1318.092+/-0.719 χ^2/NDF : 1724412.5/6

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

Right Out: 1092.419+/-0.521 χ^2/NDF : 2617619.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

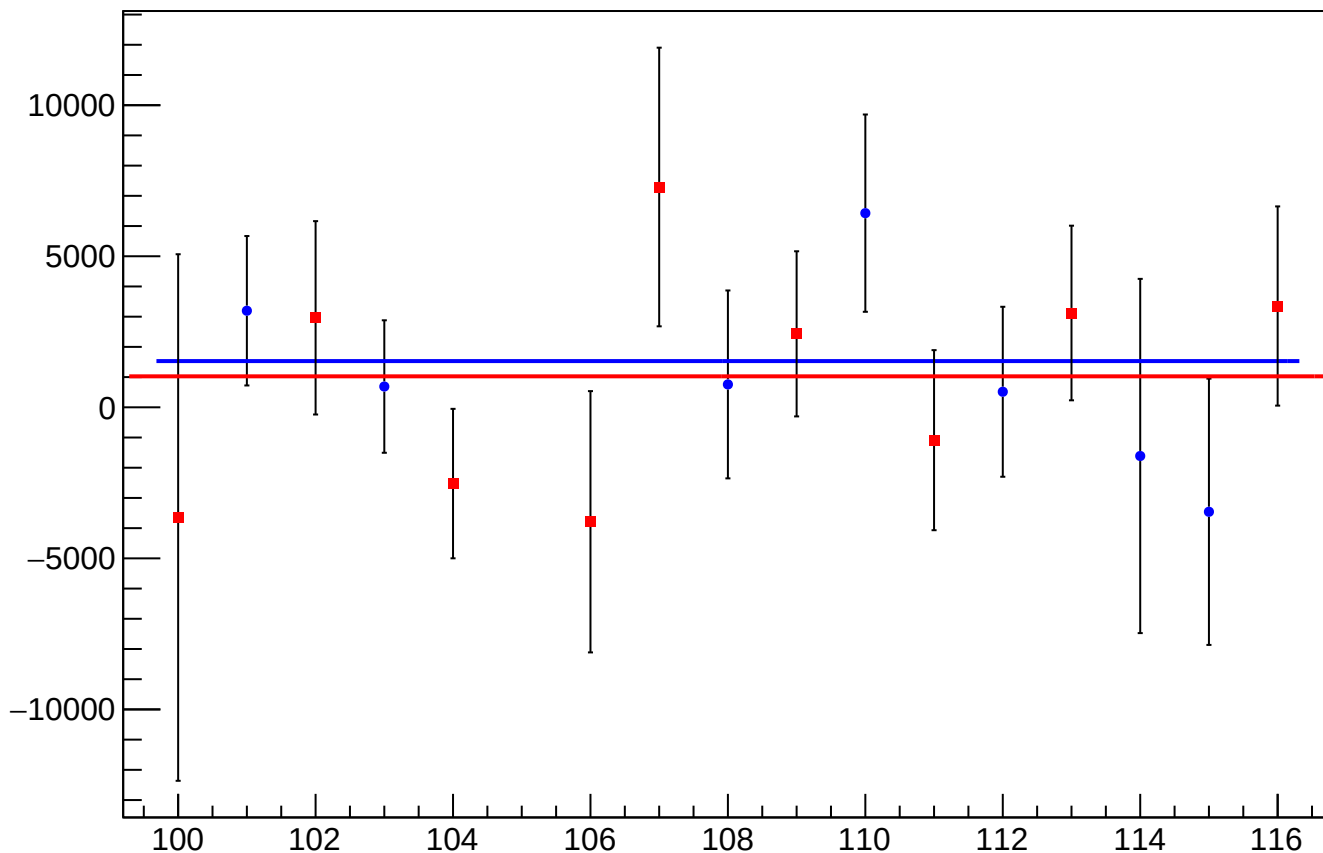
Right: 1169.984+/-0.422 χ^2/NDF : 4406643.0/15

In: 1318.092+/-0.719 χ^2/NDF : 1724412.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1169.984+/-0.422 χ^2/NDF : 4406643.0/15

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1530.062+/-1135.503 χ^2/NDF : 4.6/6

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

Right Out: 1025.344+/-1095.733 χ^2/NDF : 7.6/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

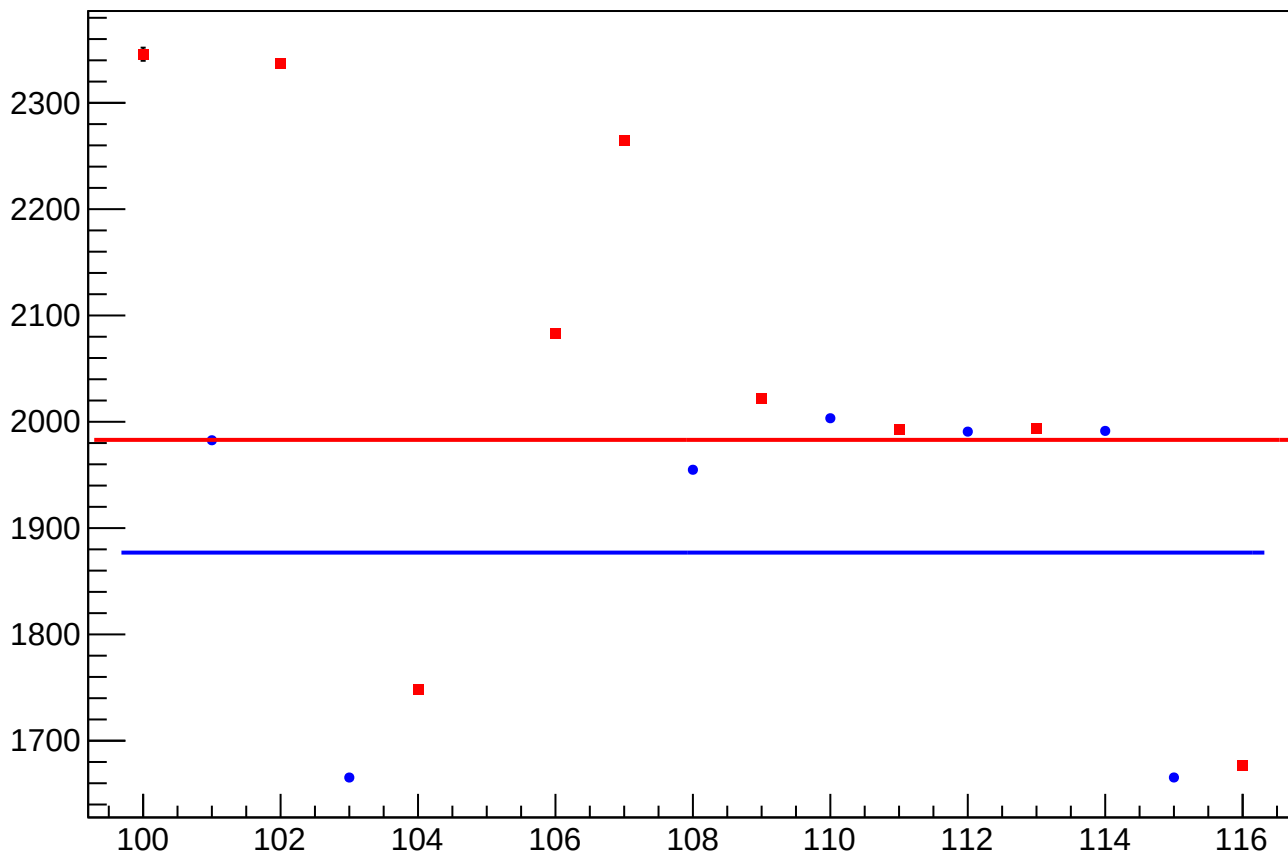
Right: 1268.710+/-788.485 χ^2/NDF : 12.3/15

In: 1530.062+/-1135.503 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1268.710+/-788.485 χ^2/NDF : 12.3/15

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1876.954+/-0.803 χ^2/NDF : 35165.9/6

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

Right Out: 1982.986+/-0.770 χ^2/NDF : 72345.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

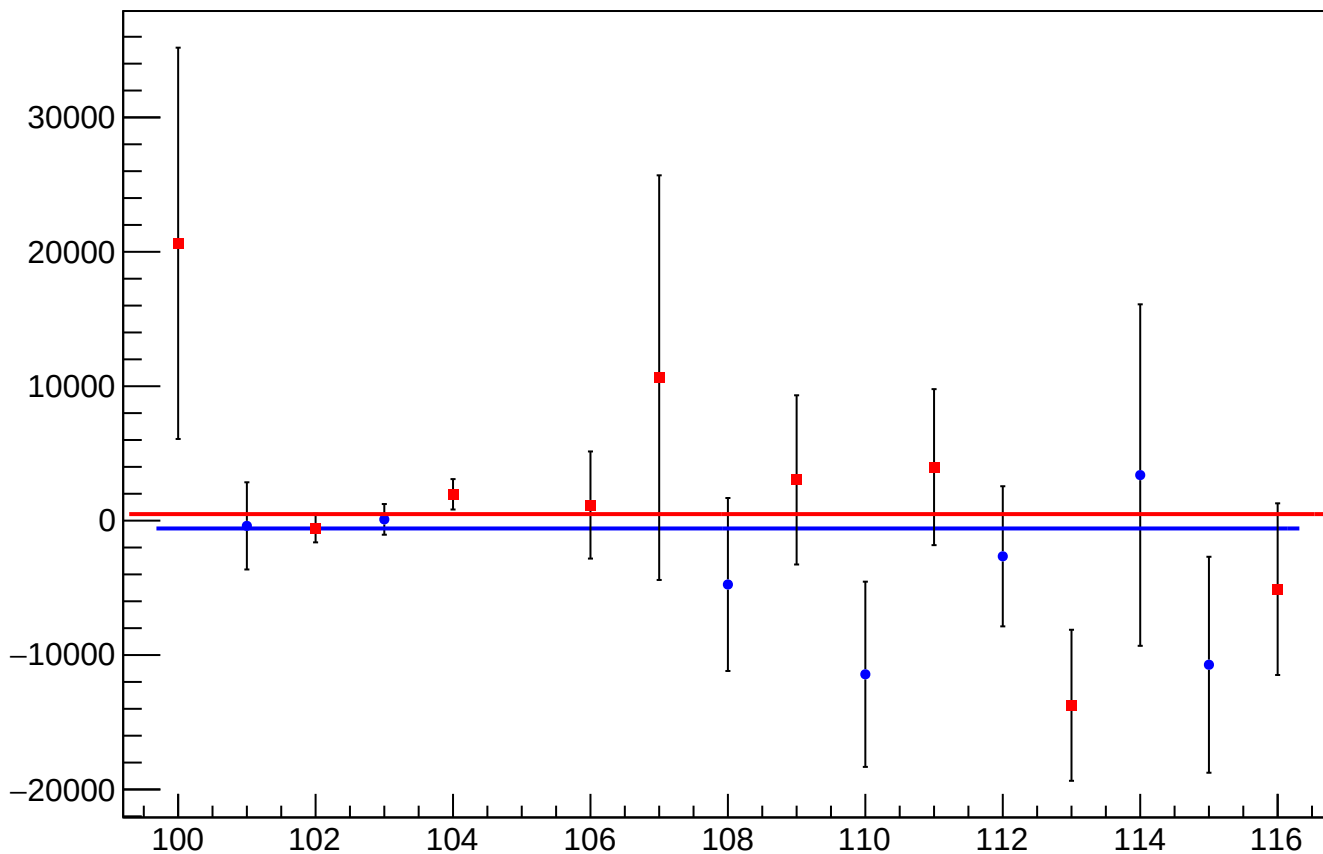
Right: 1932.189+/-0.556 χ^2/NDF : 116596.2/15

In: 1876.954+/-0.803 χ^2/NDF : 35165.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.189+/-0.556 χ^2/NDF : 116596.2/15

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -582.630+/-1017.159 χ^2/NDF : 5.1/6

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

Right Out: 486.300+/-736.094 χ^2/NDF : 12.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

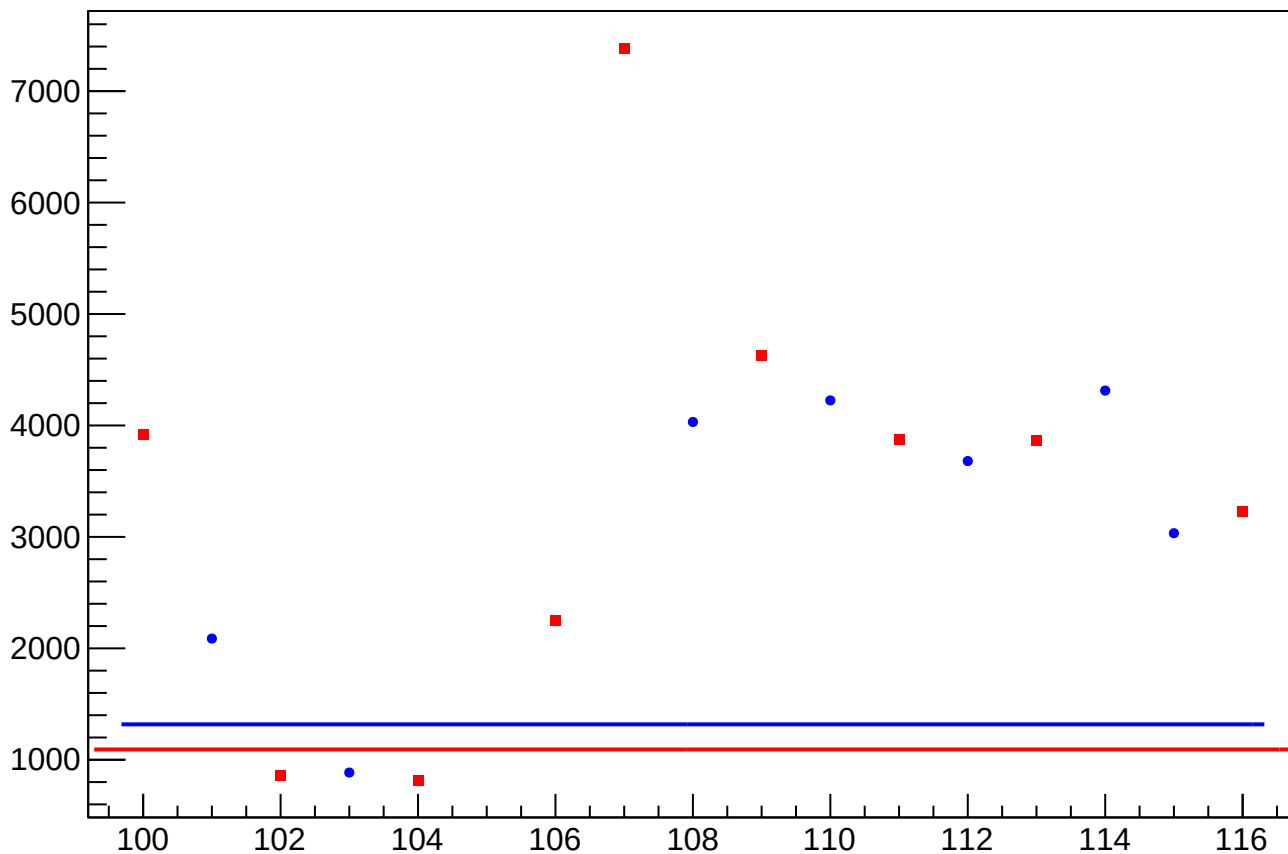
Right: 118.902+/-596.324 χ^2/NDF : 18.6/15

In: -582.630+/-1017.159 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.902+/-596.324 χ^2/NDF : 18.6/15

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1318.079+/-0.719 χ^2/NDF : 1724420.0/6

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

Right Out: 1092.408+/-0.520 χ^2/NDF : 2617630.2/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

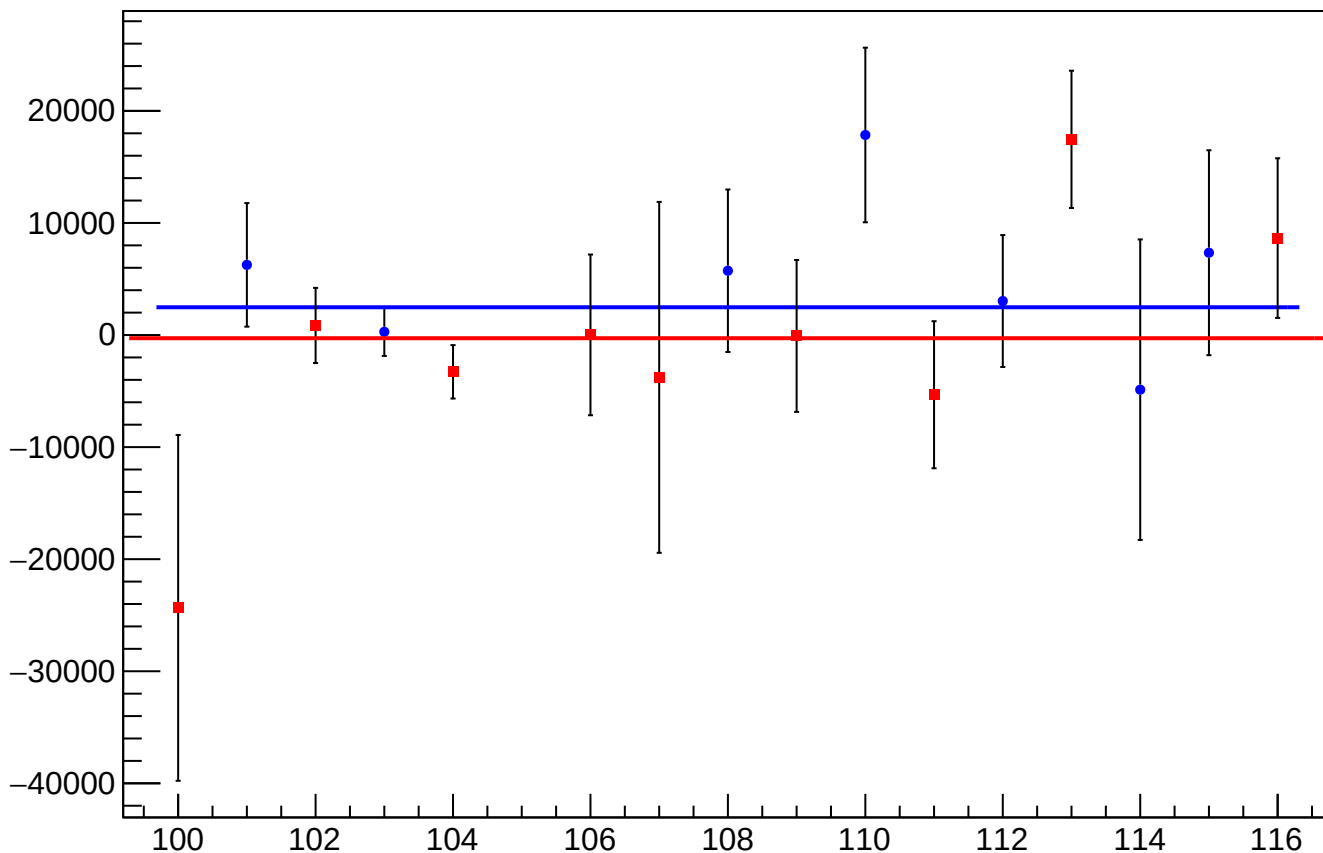
Right: 1169.973+/-0.422 χ^2/NDF : 4406660.5/15

In: 1318.079+/-0.719 χ^2/NDF : 1724420.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1169.973+/-0.422 χ^2/NDF : 4406660.5/15

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2478.035+/-1739.473 χ^2/NDF : 6.2/6

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

Right Out: -282.861+/-1613.870 χ^2/NDF : 14.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

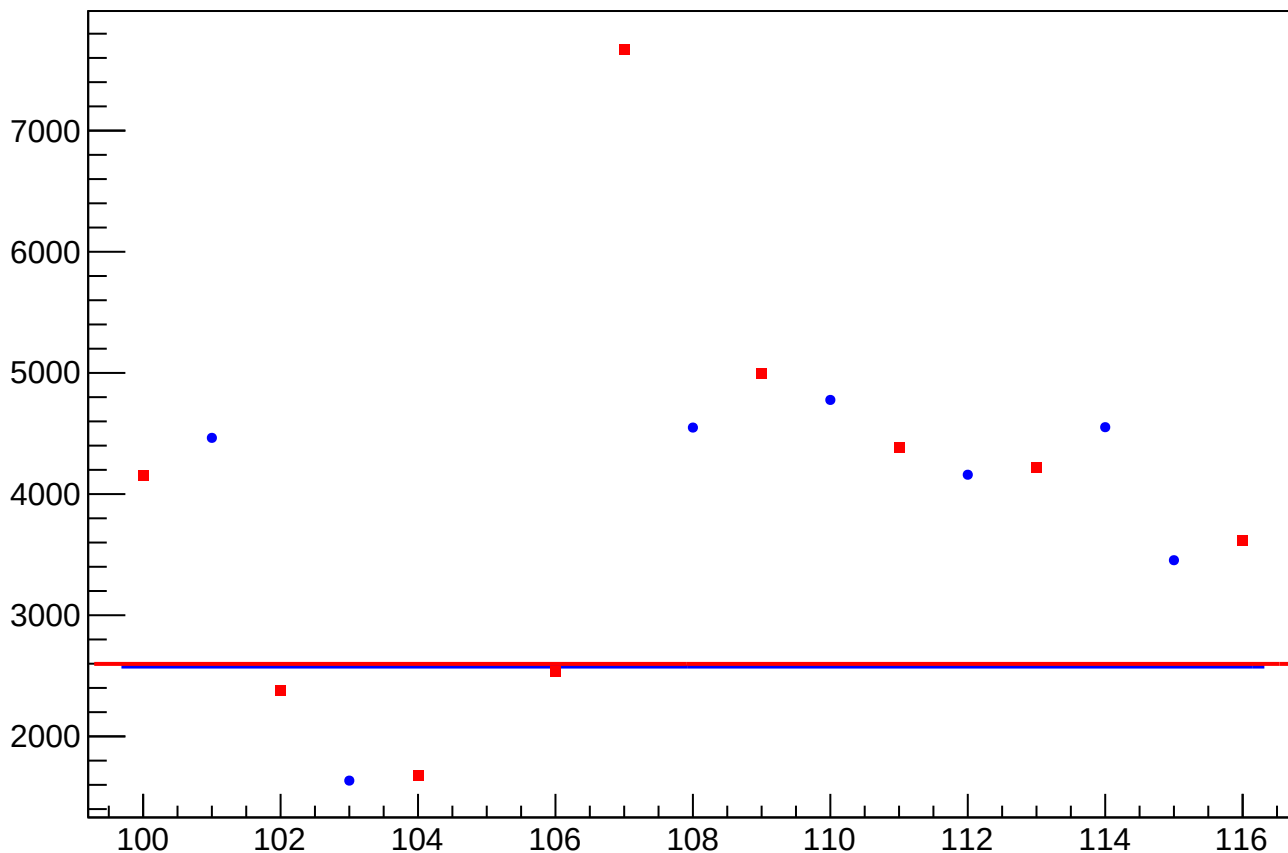
Right: 994.319+/-1183.093 χ^2/NDF : 22.3/15

In: 2478.035+/-1739.473 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 994.319+/-1183.093 χ^2/NDF : 22.3/15

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2576.392+/-1.230 χ^2/NDF : 1131015.2/6

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

Right Out: 2598.309+/-1.112 χ^2/NDF : 1120119.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

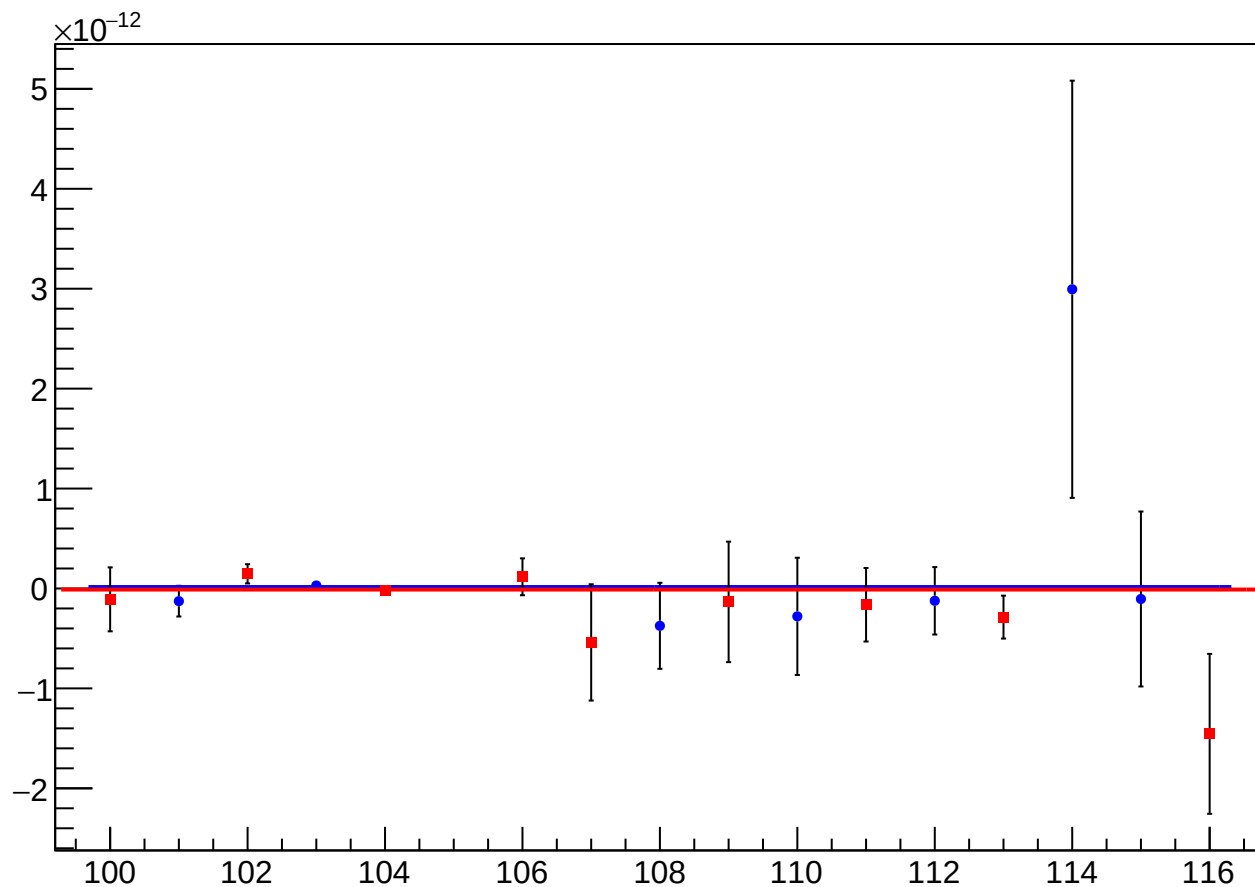
Right: 2588.456+/-0.825 χ^2/NDF : 2251309.3/15

In: 2576.392+/-1.230 χ^2/NDF : 1131015.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2588.456+/-0.825 χ^2/NDF : 2251309.3/15

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 9.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

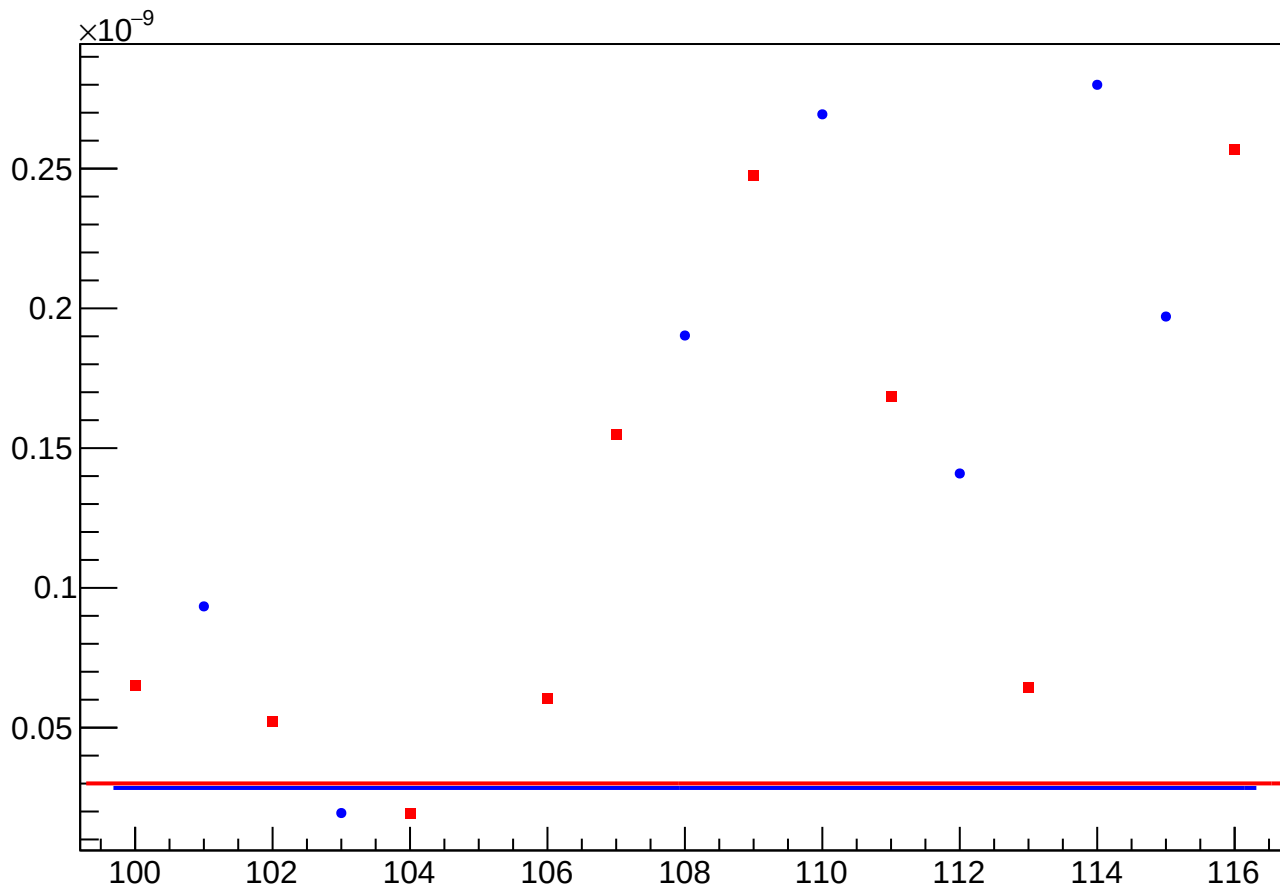
Right: 0.000+/-0.000 χ^2/NDF : 13.8/15

In: 0.000+/-0.000 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/15

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1402868.4/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1177428.3/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

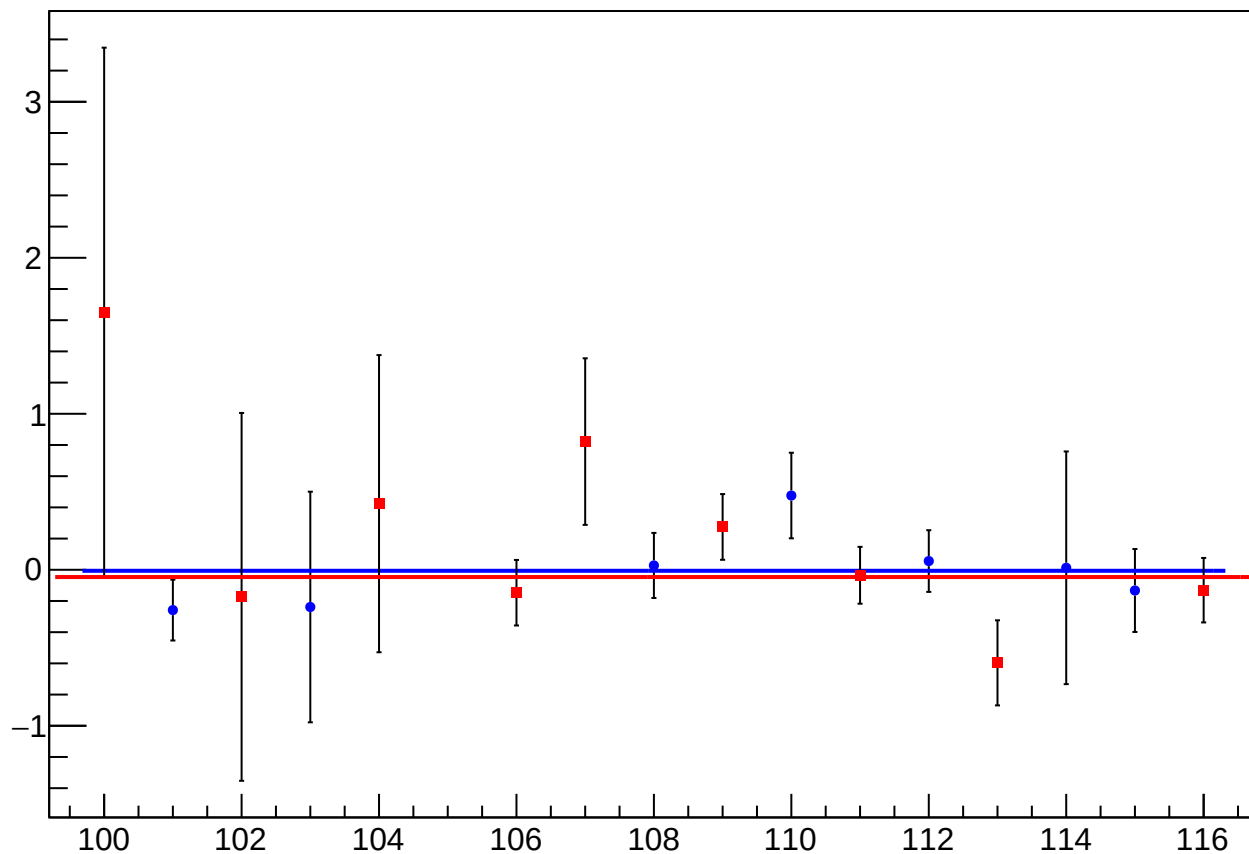
Right: 0.000+/-0.000 χ^2/NDF : 2582238.8/15

In: 0.000+/-0.000 χ^2/NDF : 1402868.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2582238.8/15

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.097 χ^2 /NDF: 5.2/6

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

Right Out: -0.047 $\pm$ 0.092 χ^2 /NDF: 10.7/8

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

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

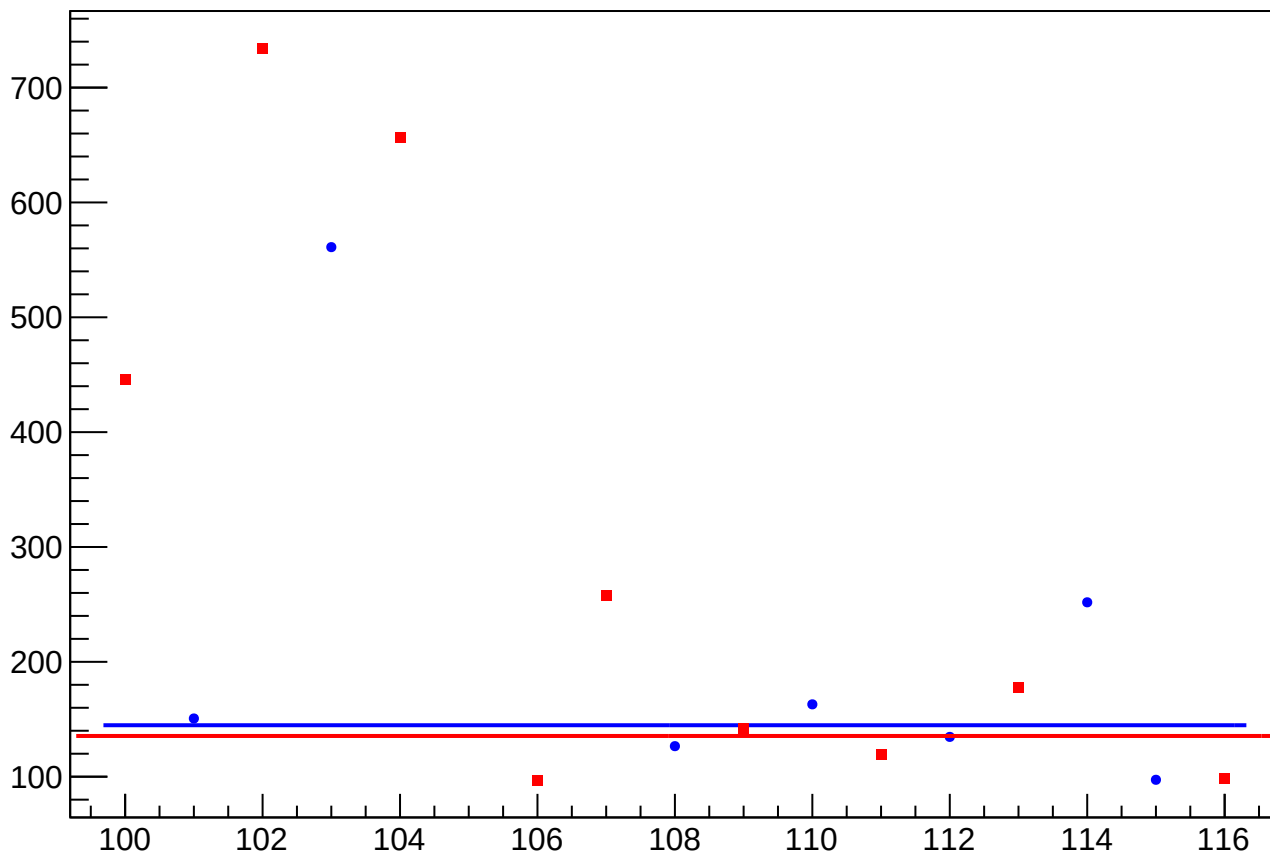
Right: -0.028 $\pm$ 0.067 χ^2 /NDF: 16.0/15

In: -0.006 $\pm$ 0.097 χ^2 /NDF:5.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.067 χ^2 /NDF: 16.0/15

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.807 $\pm$ 0.069 χ^2 /NDF: 770375.1/6

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

Right Out: 135.454 $\pm$ 0.065 χ^2 /NDF: 1484783.1/8

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

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

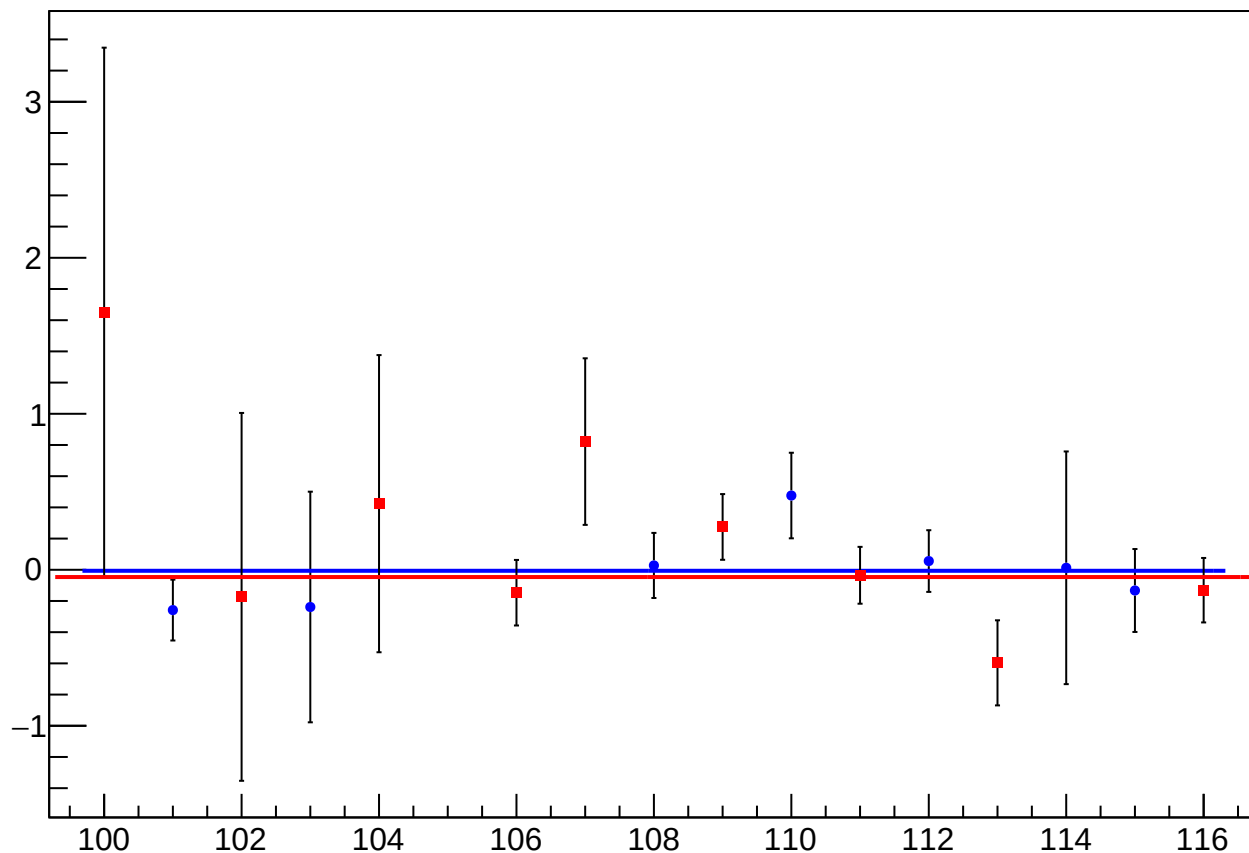
Right: 139.881 $\pm$ 0.047 χ^2 /NDF: 2264914.9/15

In: 144.807 $\pm$ 0.069 χ^2 /NDF:770375.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.881 $\pm$ 0.047 χ^2 /NDF: 2264914.9/15

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.097 χ^2/NDF : 5.2/6

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

Right Out: -0.047 ± 0.092 χ^2/NDF : 10.7/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

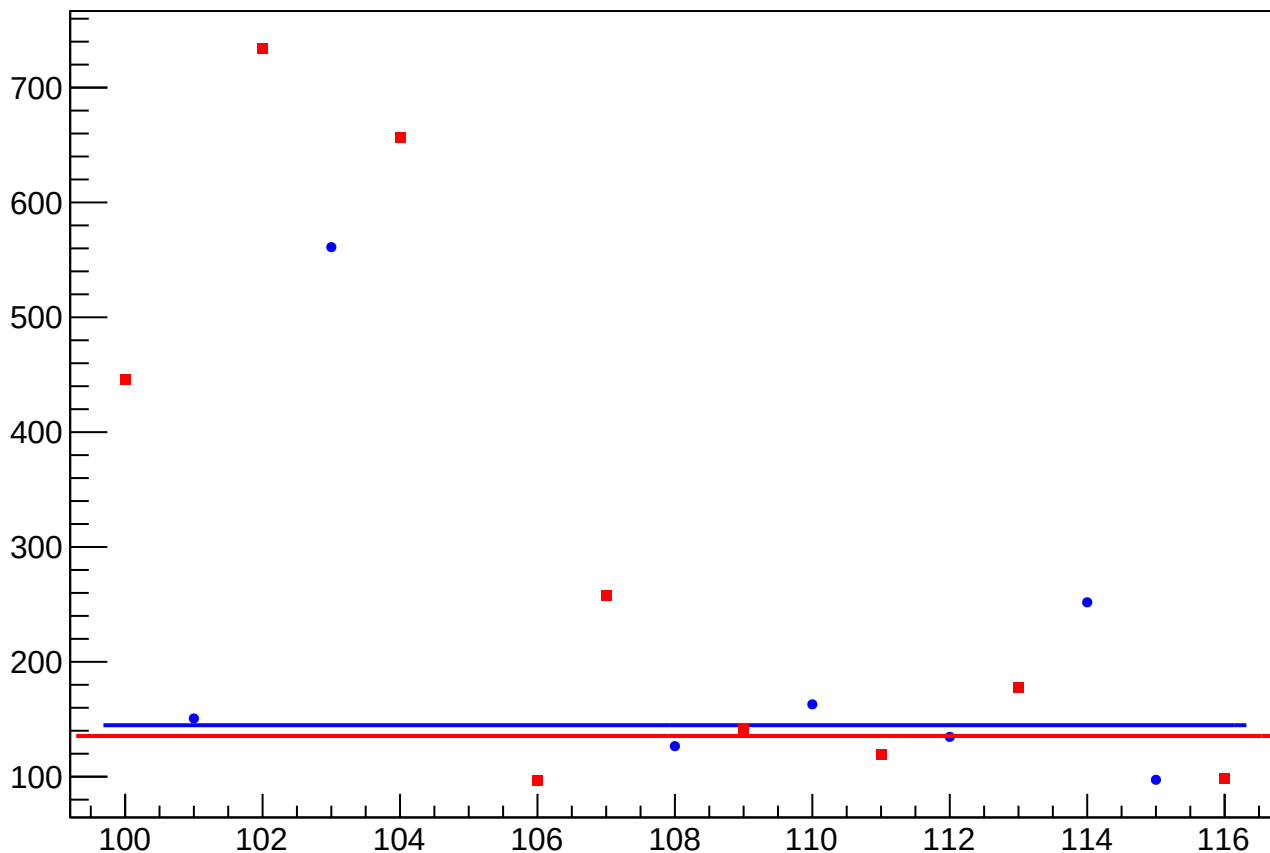
Right: -0.028 ± 0.067 χ^2/NDF : 16.0/15

In: -0.006 ± 0.097 χ^2/NDF : 5.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.067 χ^2/NDF : 16.0/15

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.807+/-0.069 χ^2/NDF : 770375.1/6

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

Right Out: 135.454+/-0.065 χ^2/NDF : 1484783.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

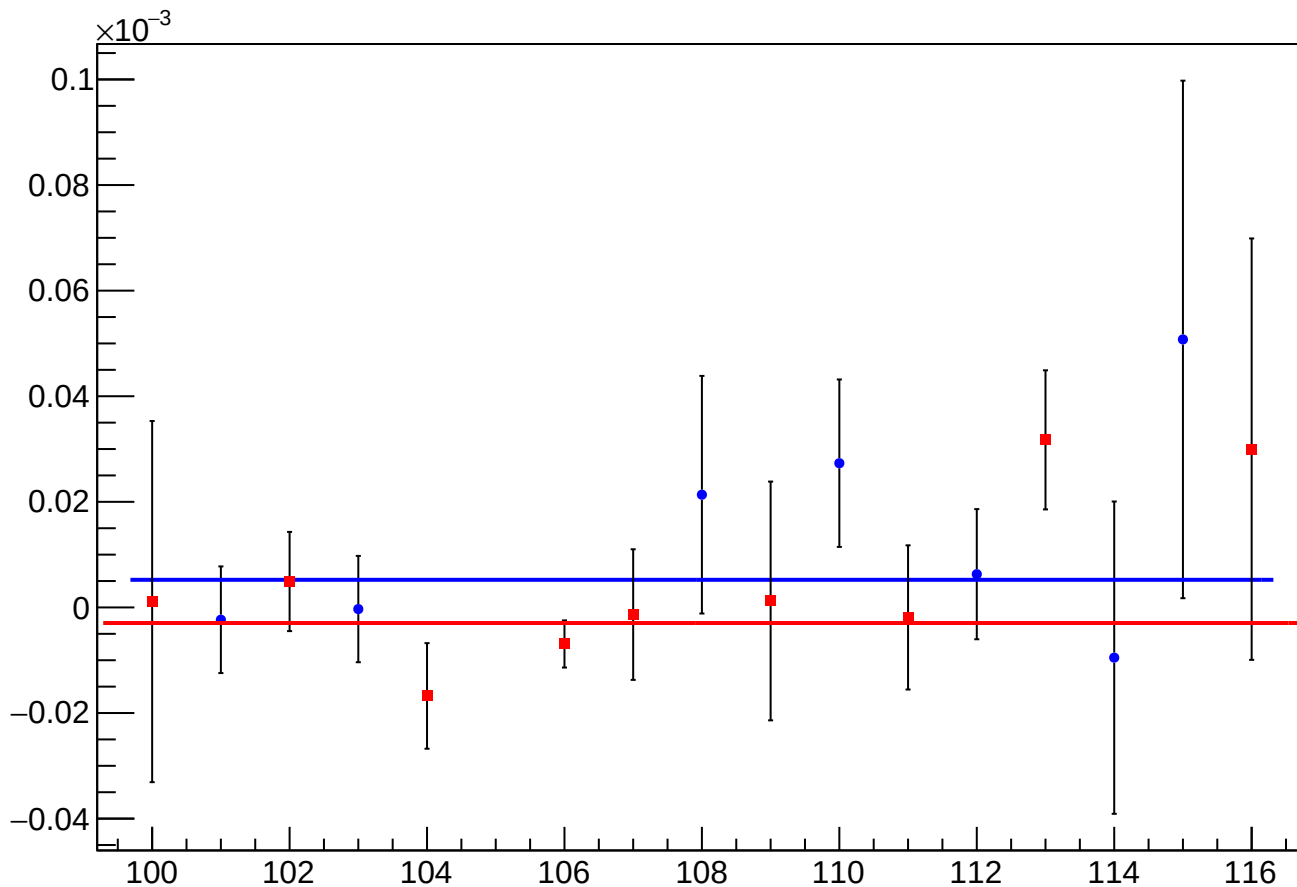
Right: 139.881+/-0.047 χ^2/NDF : 2264914.9/15

In: 144.807+/-0.069 χ^2/NDF : 770375.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.881+/-0.047 χ^2/NDF : 2264914.9/15

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

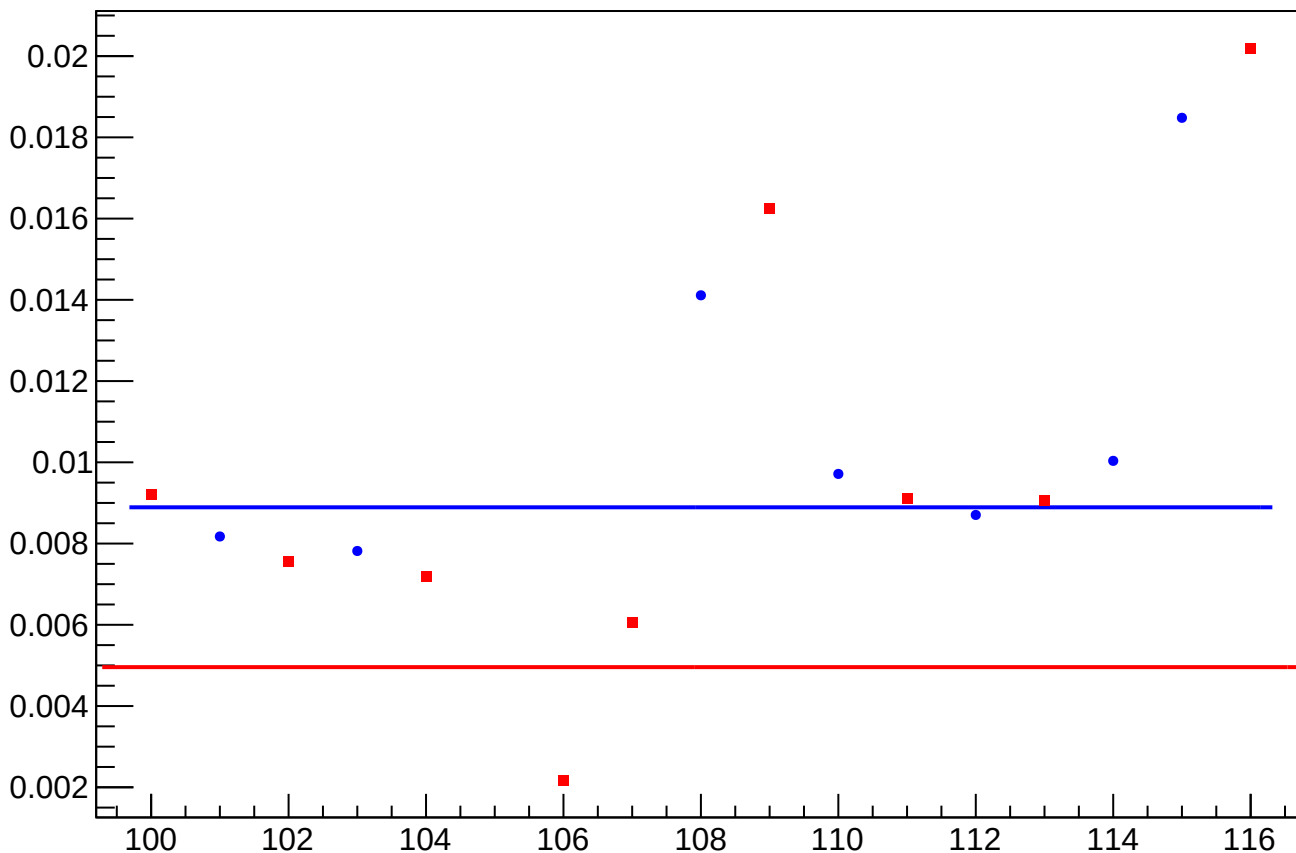
Right: -0.000+/-0.000 χ^2/NDF : 17.2/15

In: 0.000+/-0.000 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/15

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 225885.8/6

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

Right Out: 0.005+/-0.000 χ^2/NDF : 2253649.0/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

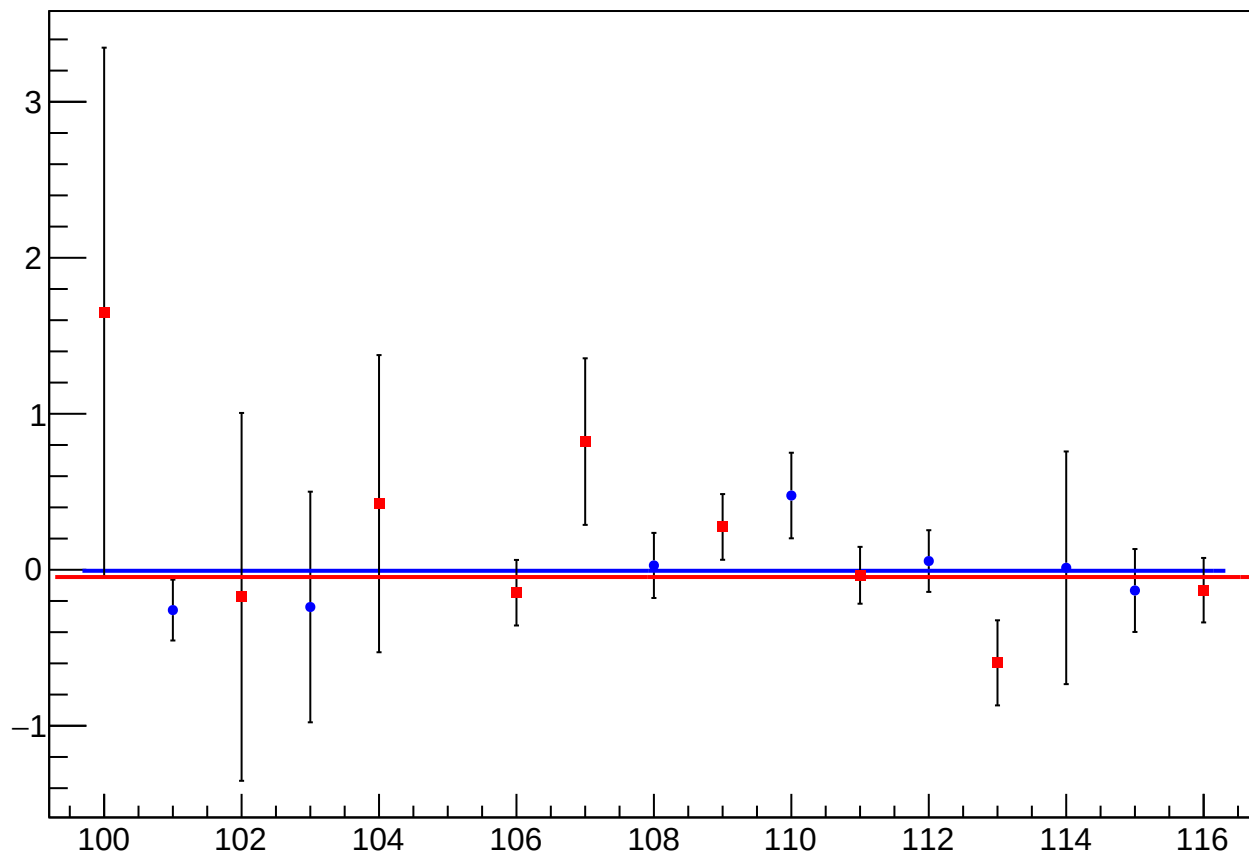
Right: 0.006+/-0.000 χ^2/NDF : 3245521.0/15

In: 0.009+/-0.000 χ^2/NDF : 225885.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3245521.0/15

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.097 χ^2/NDF : 5.2/6

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

Right Out: -0.047 ± 0.092 χ^2/NDF : 10.7/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

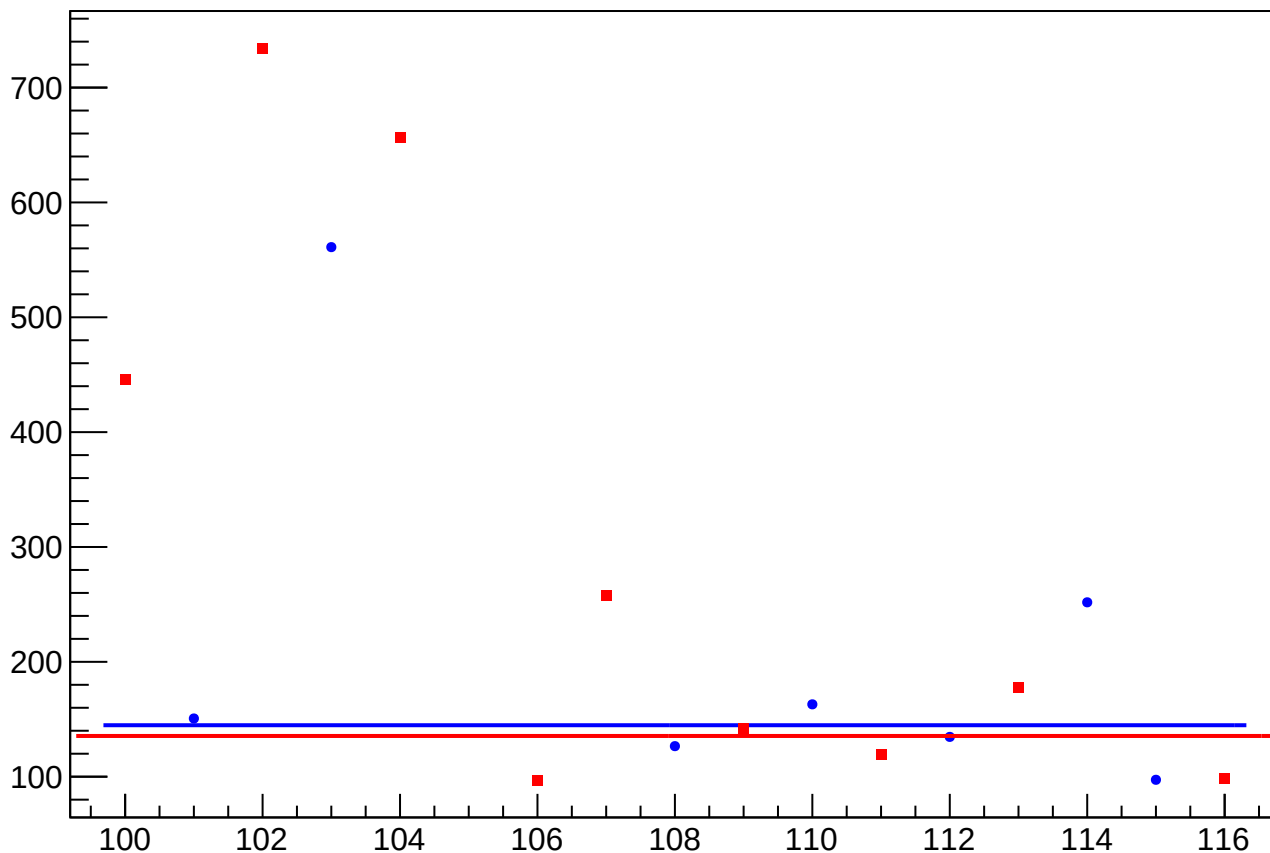
Right: -0.028 ± 0.067 χ^2/NDF : 16.0/15

In: -0.006 ± 0.097 χ^2/NDF : 5.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.067 χ^2/NDF : 16.0/15

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.808+/-0.069 χ^2/NDF : 770361.0/6

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

Right Out: 135.457+/-0.065 χ^2/NDF : 1484738.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

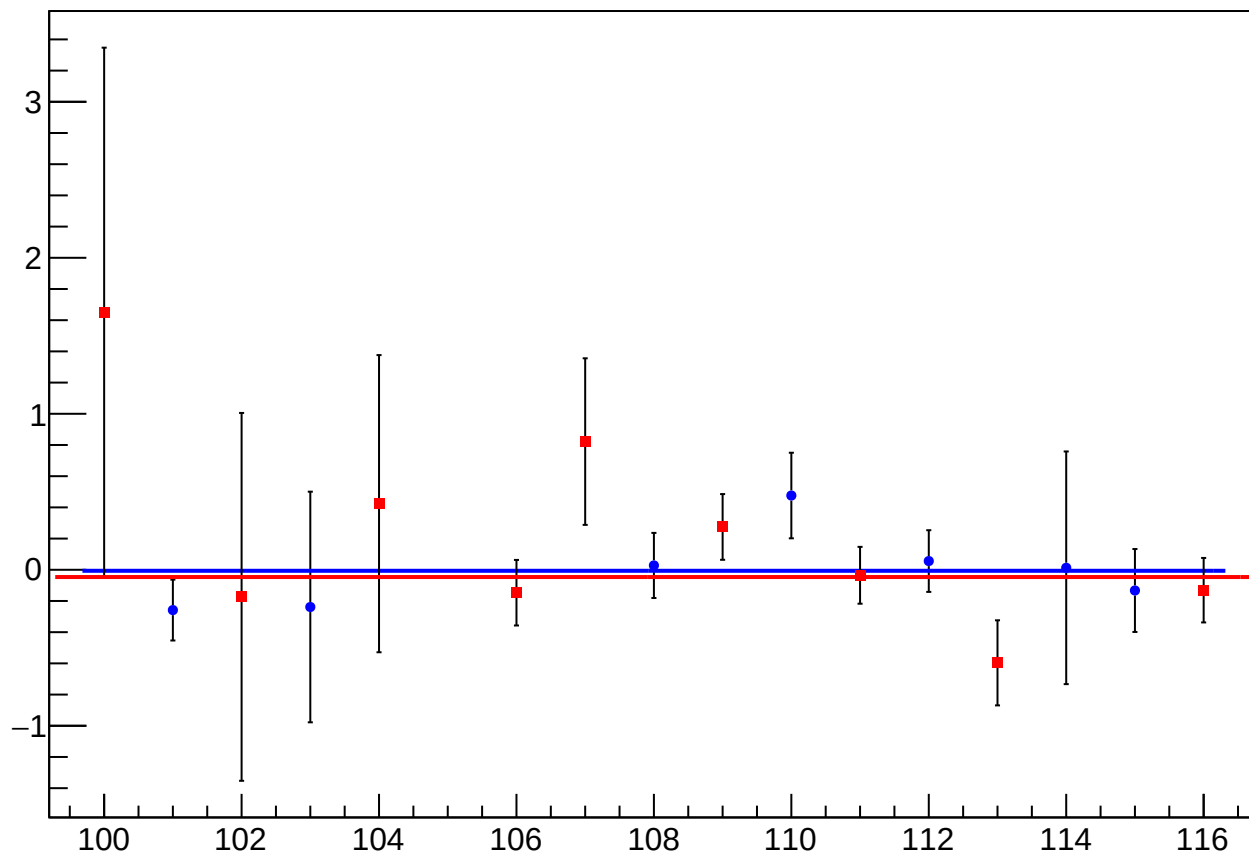
Right: 139.883+/-0.047 χ^2/NDF : 2264854.6/15

In: 144.808+/-0.069 χ^2/NDF : 770361.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.883+/-0.047 χ^2/NDF : 2264854.6/15

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.097 χ^2/NDF : 5.2/6

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

Right Out: -0.047 ± 0.092 χ^2/NDF : 10.7/8

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

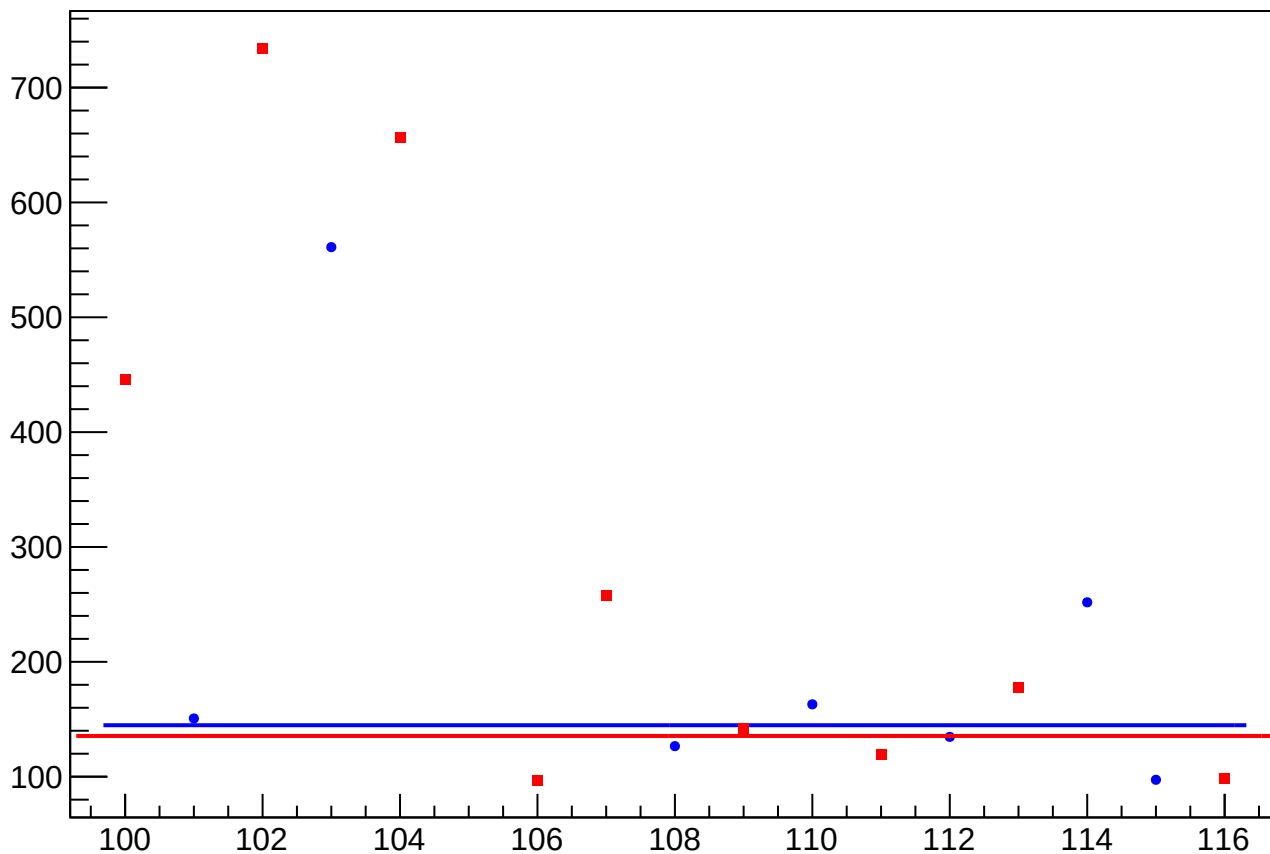
Right: -0.028 ± 0.067 χ^2/NDF : 16.0/15

In: -0.006 ± 0.097 χ^2/NDF : 5.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.067 χ^2/NDF : 16.0/15

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.808+/-0.069 χ^2/NDF : 770361.0/6

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

Right Out: 135.457+/-0.065 χ^2/NDF : 1484738.7/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

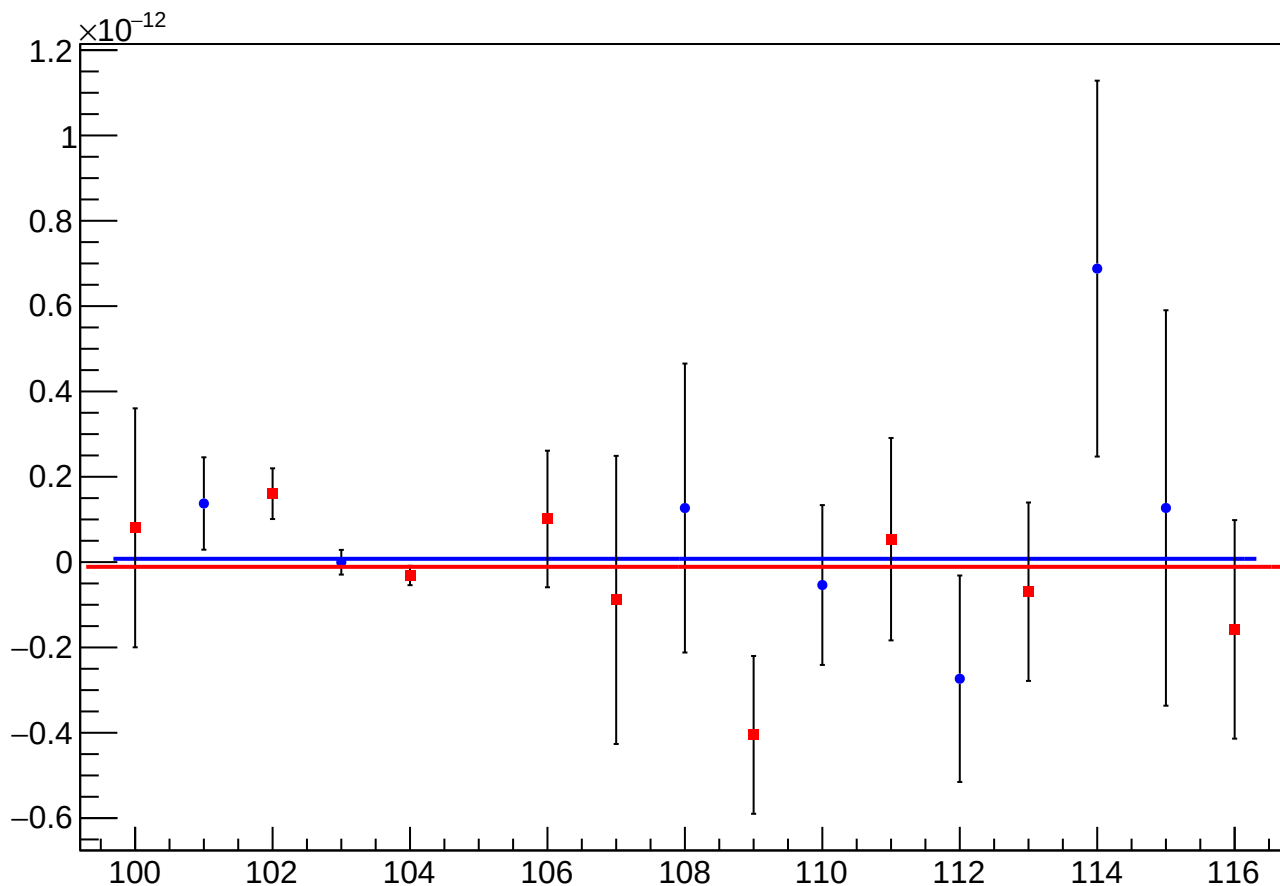
Right: 139.883+/-0.047 χ^2/NDF : 2264854.6/15

In: 144.808+/-0.069 χ^2/NDF : 770361.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.883+/-0.047 χ^2/NDF : 2264854.6/15

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/6

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

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

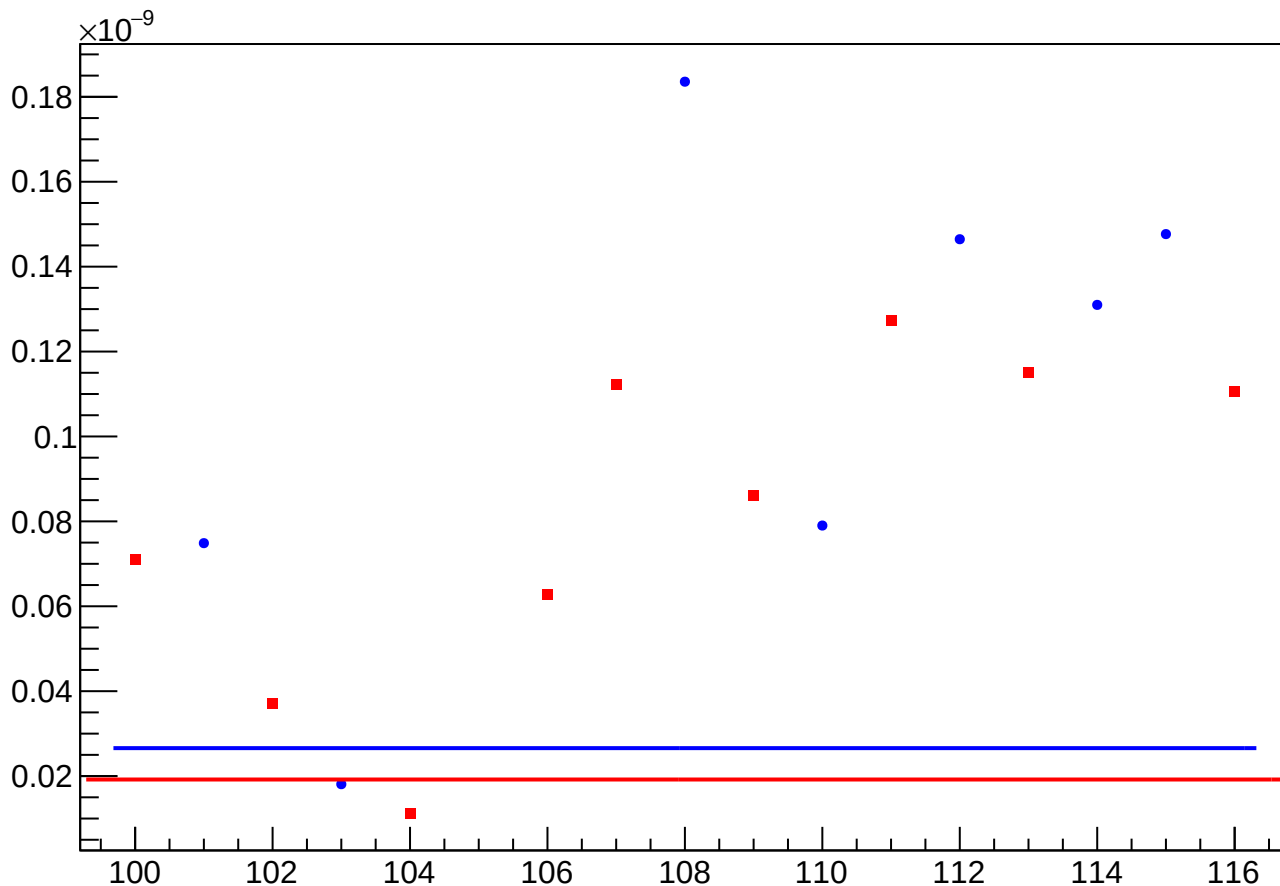
Right: -0.000+/-0.000 χ^2/NDF : 20.6/15

In: 0.000+/-0.000 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/15

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1896395.1/6

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2154200.5/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

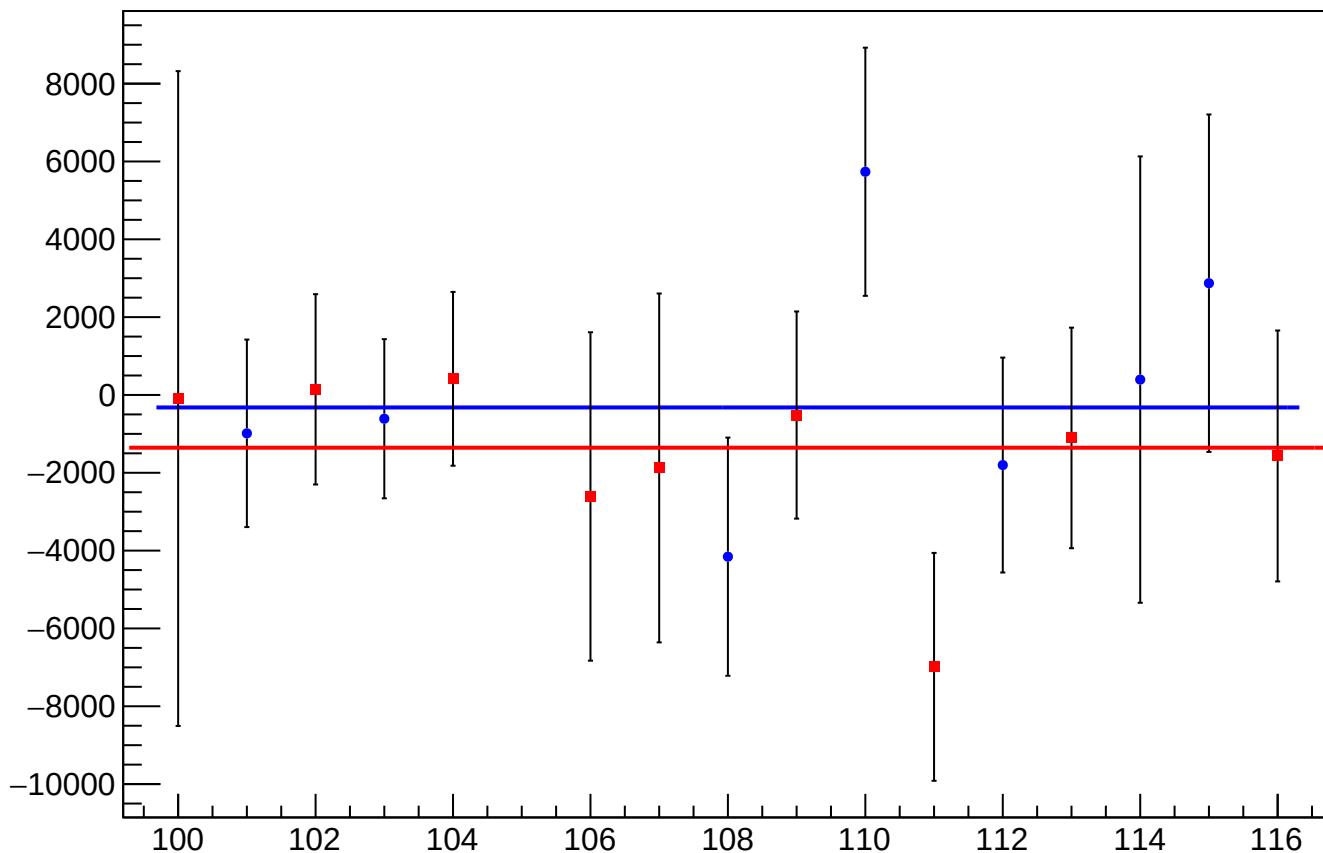
Right: 0.000+/-0.000 χ^2/NDF : 4144295.6/15

In: 0.000+/-0.000 χ^2/NDF : 1896395.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4144295.6/15

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -321.249+/-1096.777 χ^2/NDF : 6.1/6

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

Right Out: -1355.574+/-1017.320 χ^2/NDF : 4.9/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

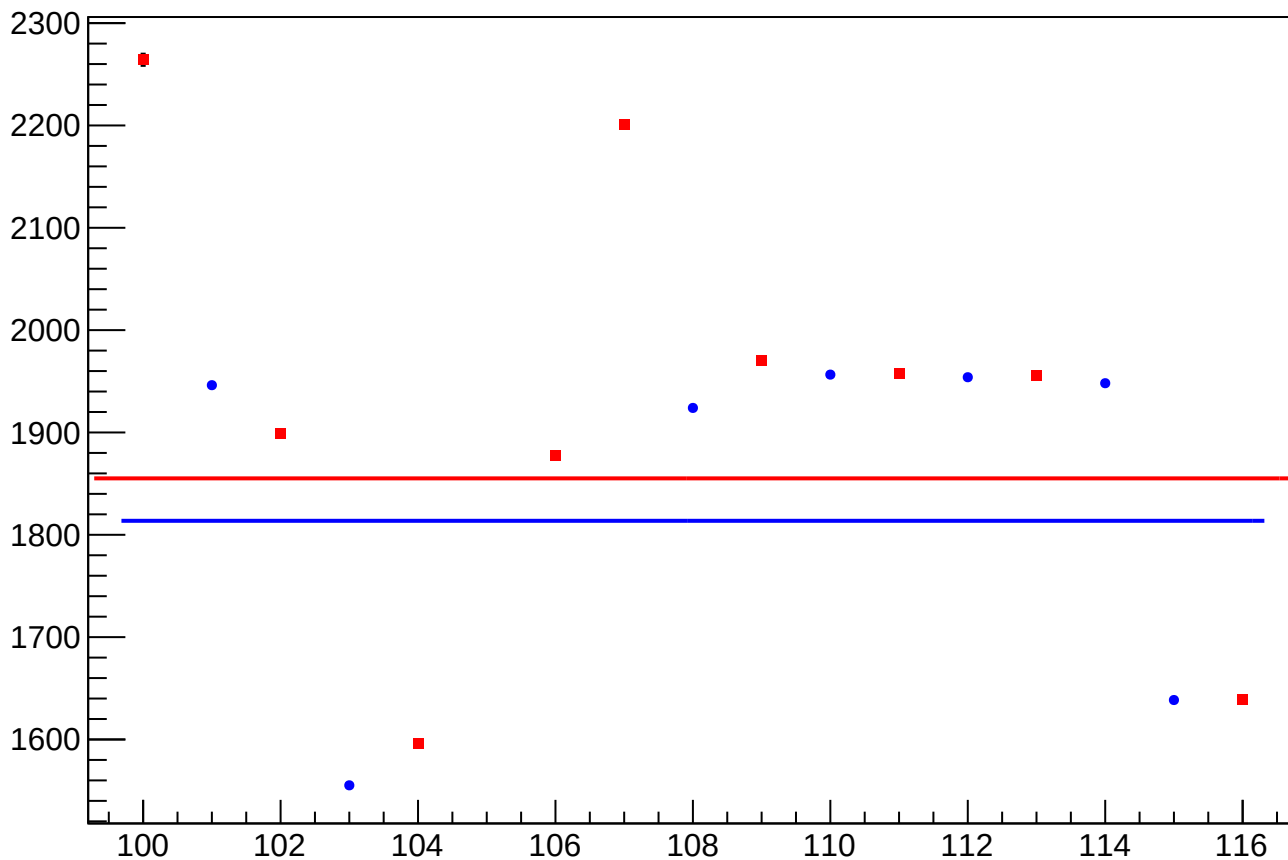
Right: -877.232+/-745.864 χ^2/NDF : 11.5/15

In: -321.249+/-1096.777 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -877.232+/-745.864 χ^2/NDF : 11.5/15

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1813.673+/-0.776 χ^2/NDF : 54151.0/6

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

Right Out: 1855.137+/-0.711 χ^2/NDF : 61965.4/8

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

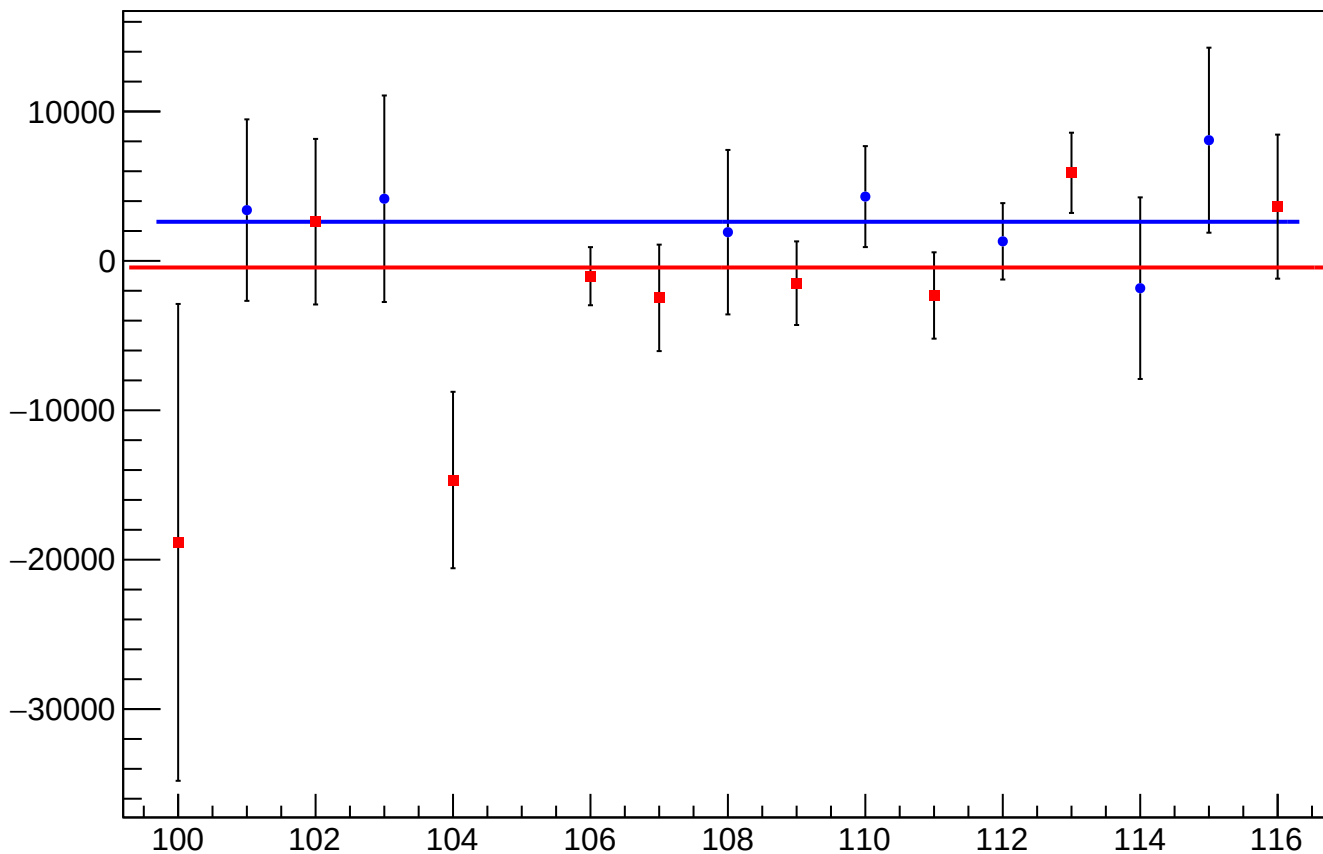
Right: 1836.204+/-0.524 χ^2/NDF : 117669.7/15

In: 1813.673+/-0.776 χ^2/NDF : 54151.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.204+/-0.524 χ^2/NDF : 117669.7/15

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2617.403+/-1633.692 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -441.765+/-1092.816 χ^2/NDF : 14.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

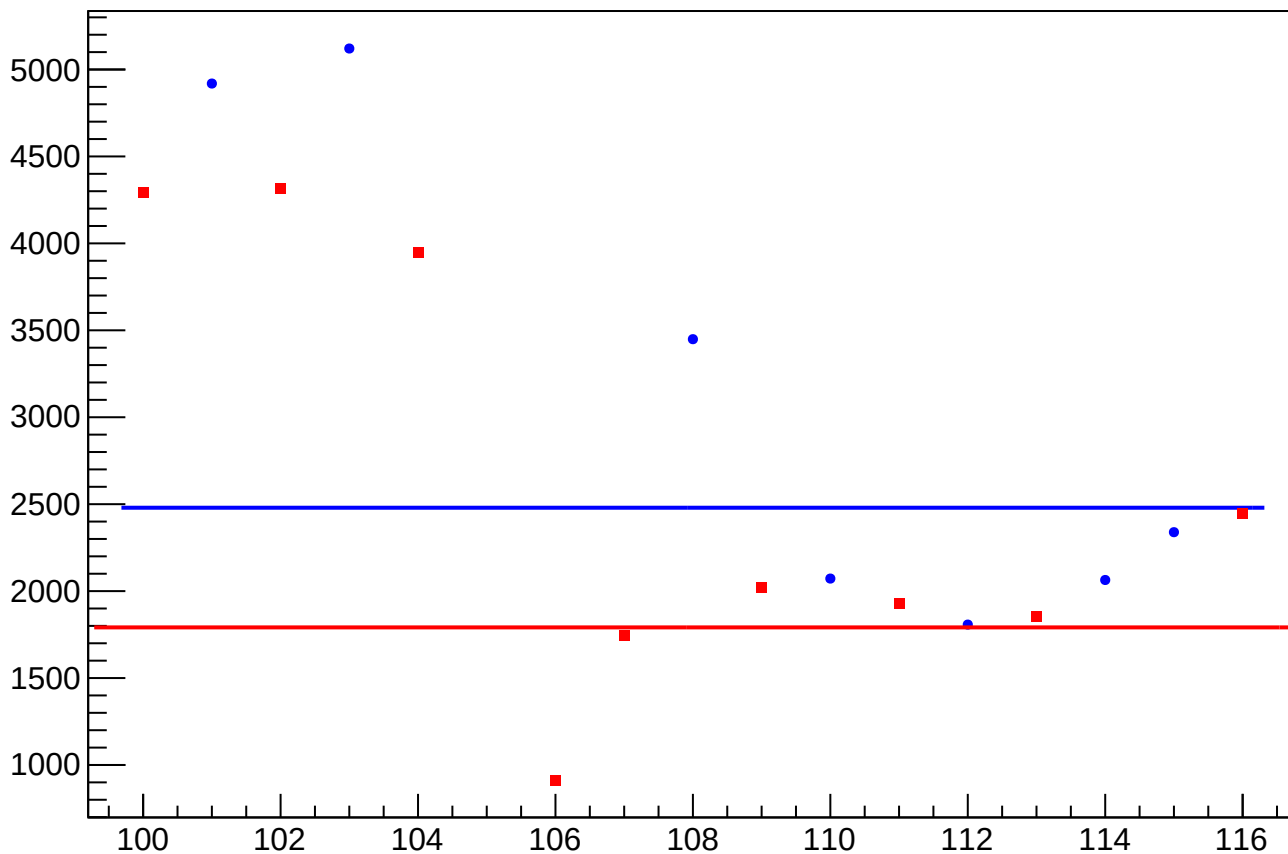
Right: 503.929+/-908.330 χ^2/NDF : 19.0/15

In: 2617.403+/-1633.692 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.929+/-908.330 χ^2/NDF : 19.0/15

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2479.617+/-1.155 χ^2/NDF : 854292.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1791.343+/-0.773 χ^2/NDF : 1196750.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

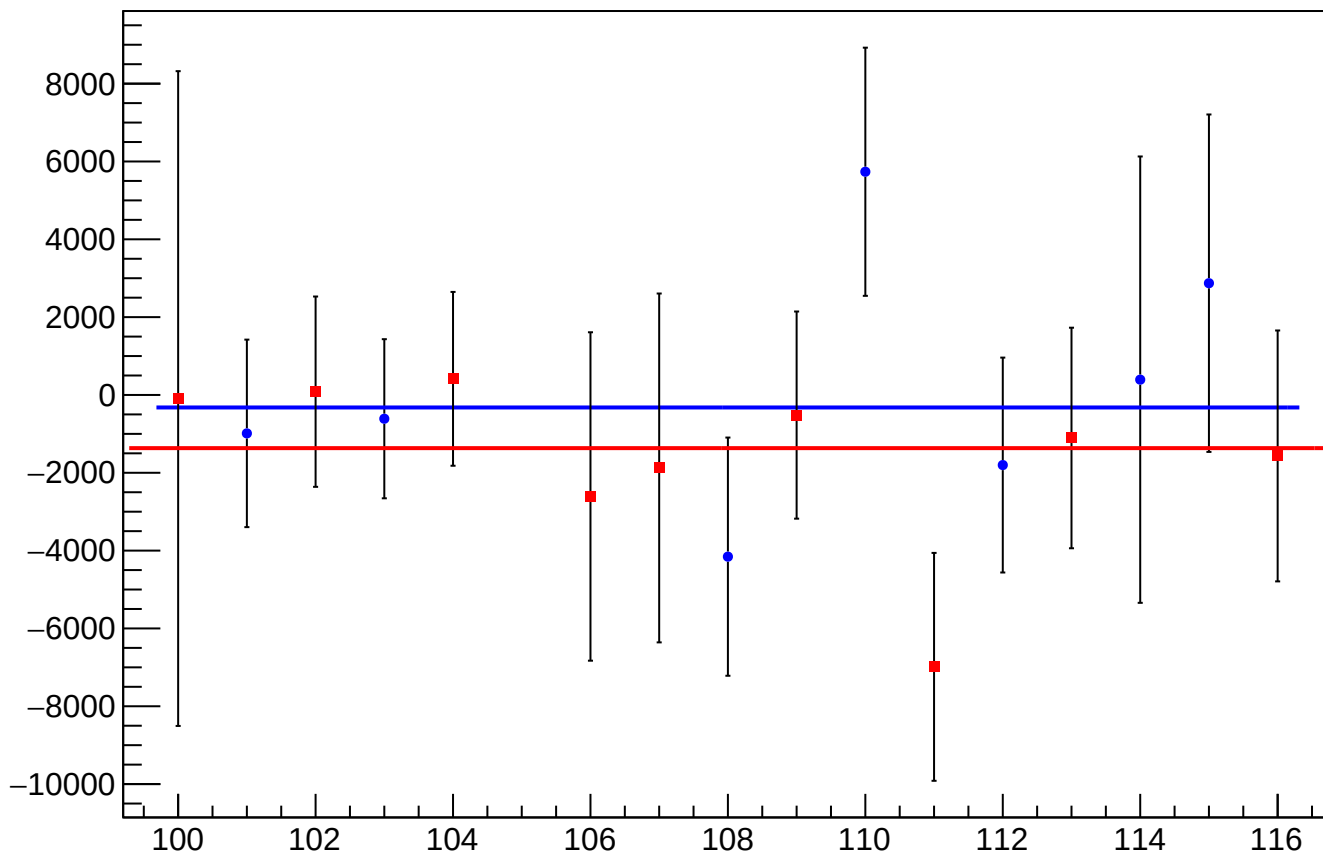
Right: 2004.112+/-0.642 χ^2/NDF : 2296290.7/15

In: 2479.617+/-1.155 χ^2/NDF : 854292.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.112+/-0.642 χ^2/NDF : 2296290.7/15

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -321.502 ± 1096.778 χ^2/NDF : 6.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1366.492 ± 1017.345 χ^2/NDF : 4.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

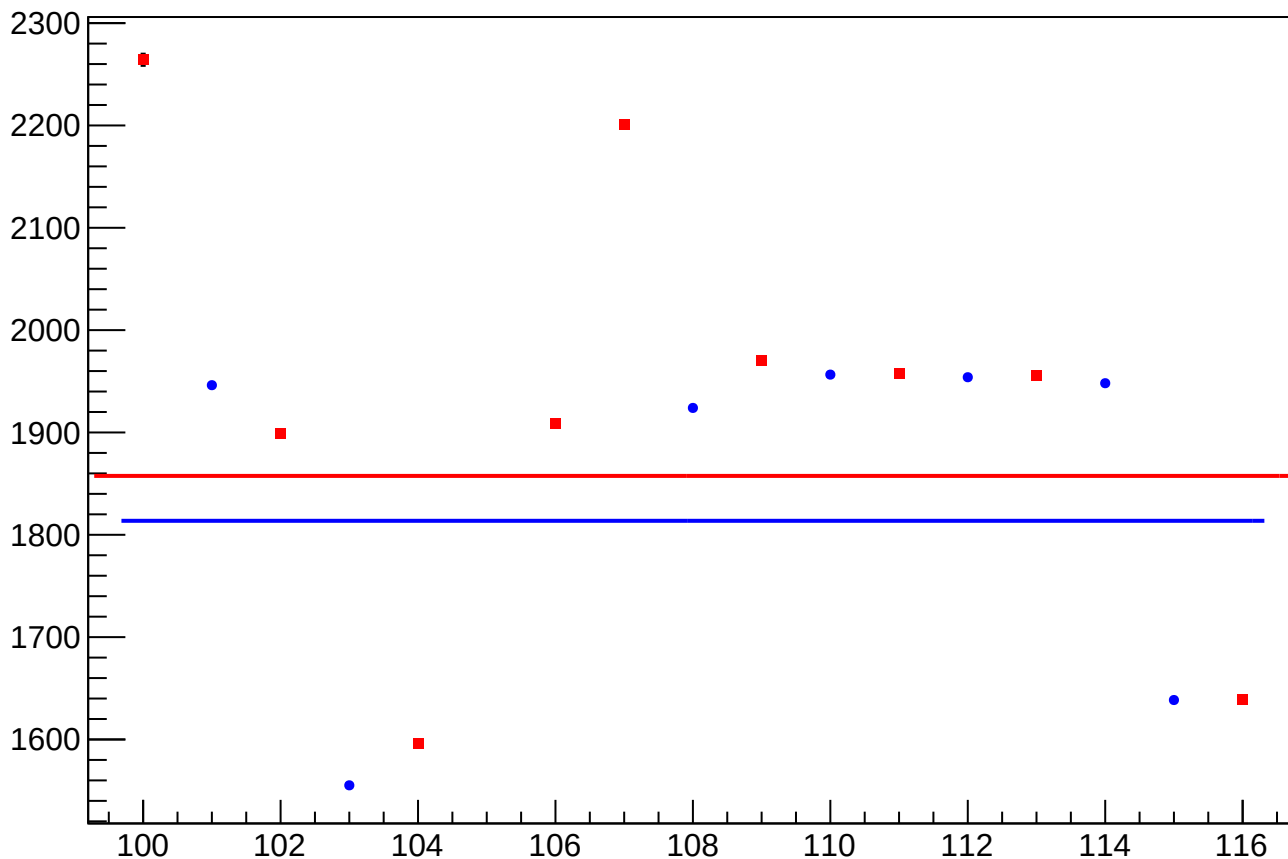
Right: -883.204 ± 745.874 χ^2/NDF : 11.5/15

In: -321.502 ± 1096.778 χ^2/NDF : 6.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -883.204 ± 745.874 χ^2/NDF : 11.5/15

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1813.673+/-0.776 χ^2/NDF : 54151.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.547+/-0.712 χ^2/NDF : 62321.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

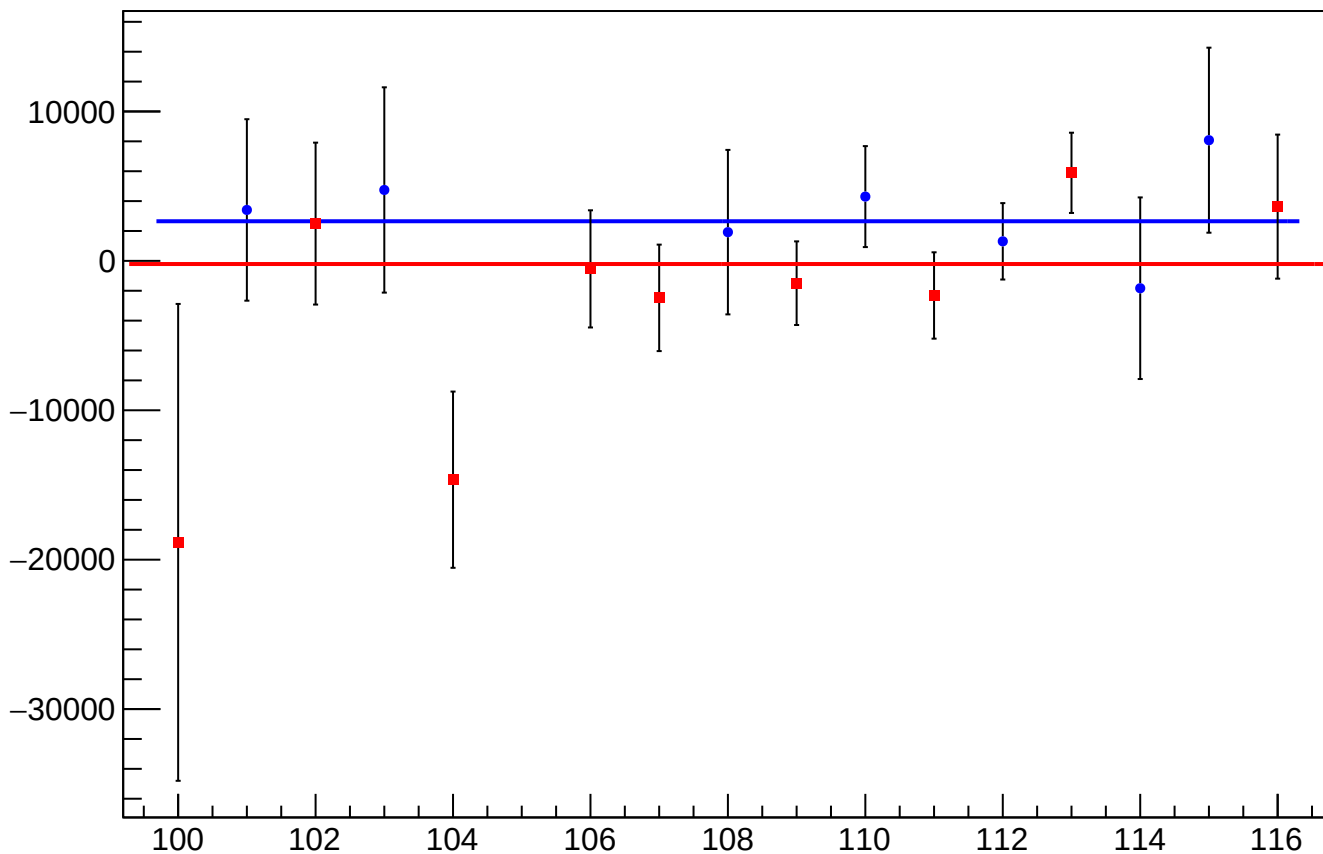
Right: 1837.487+/-0.524 χ^2/NDF : 118209.4/15

In: 1813.673+/-0.776 χ^2/NDF : 54151.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1837.487+/-0.524 χ^2/NDF : 118209.4/15

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2652.040+/-1633.109 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.960+/-1250.401 χ^2/NDF : 14.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

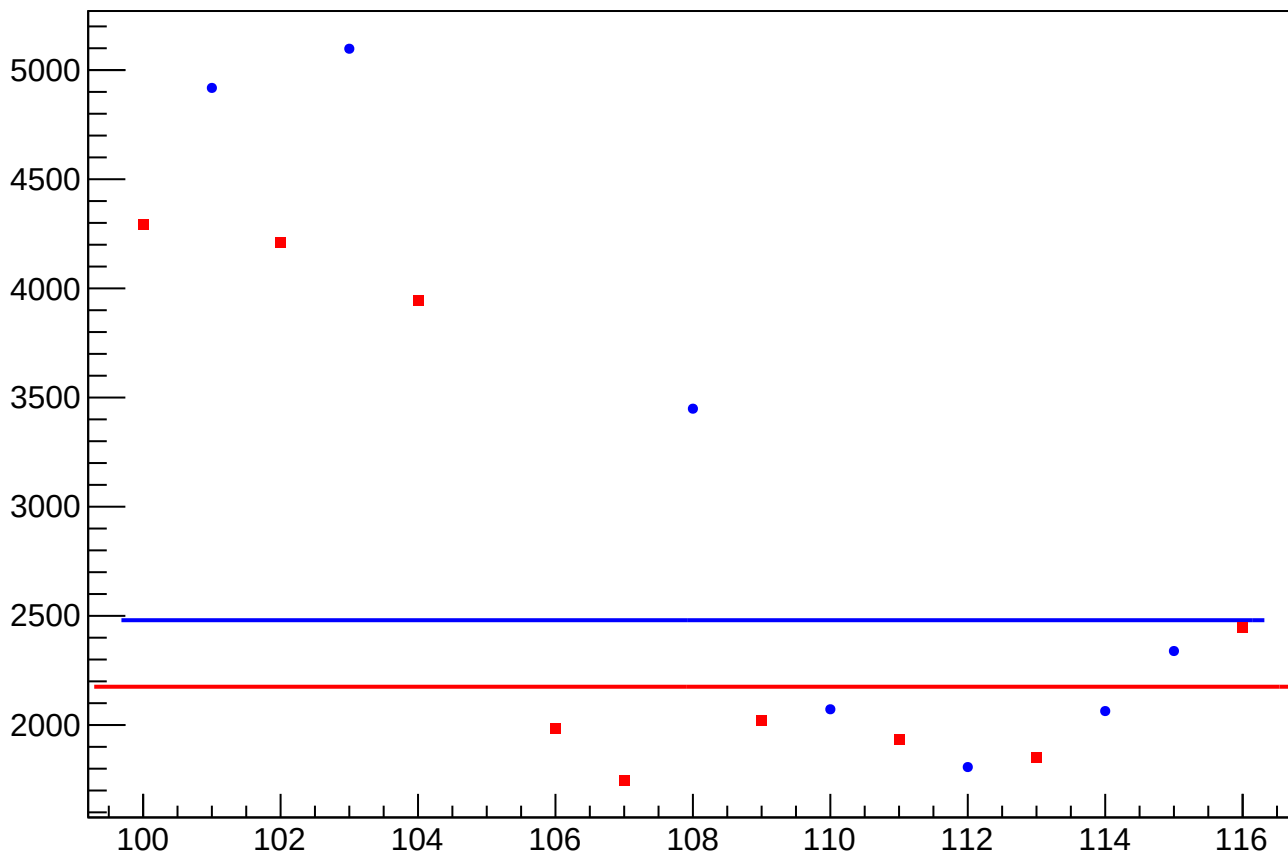
Right: 847.132+/-992.810 χ^2/NDF : 18.4/15

In: 2652.040+/-1633.109 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.132+/-992.810 χ^2/NDF : 18.4/15

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2480.060+/-1.155 χ^2/NDF : 852564.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.362+/-0.884 χ^2/NDF : 585902.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

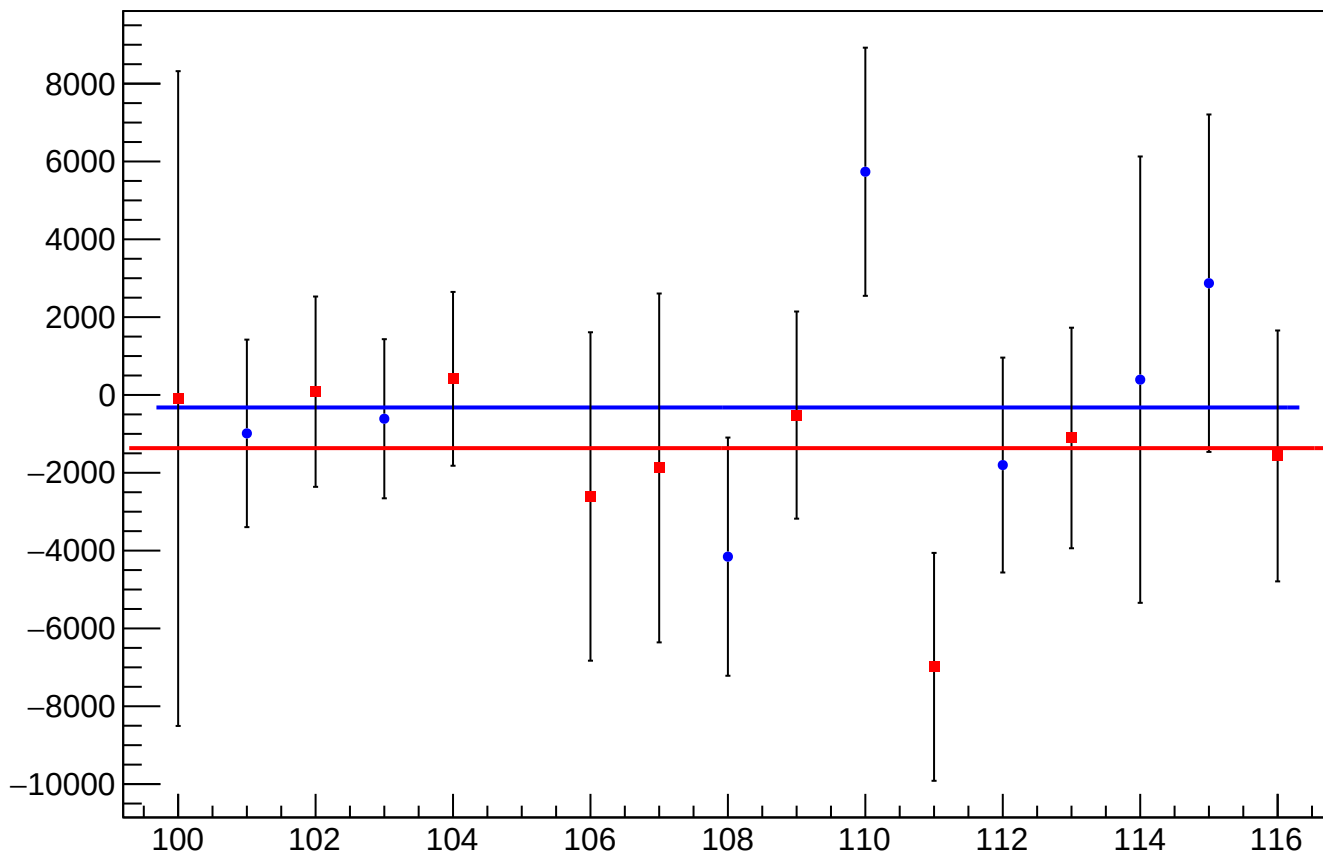
Right: 2287.971+/-0.702 χ^2/NDF : 1482358.0/15

In: 2480.060+/-1.155 χ^2/NDF : 852564.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.971+/-0.702 χ^2/NDF : 1482358.0/15

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -321.502+/-1096.778 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1366.492+/-1017.345 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

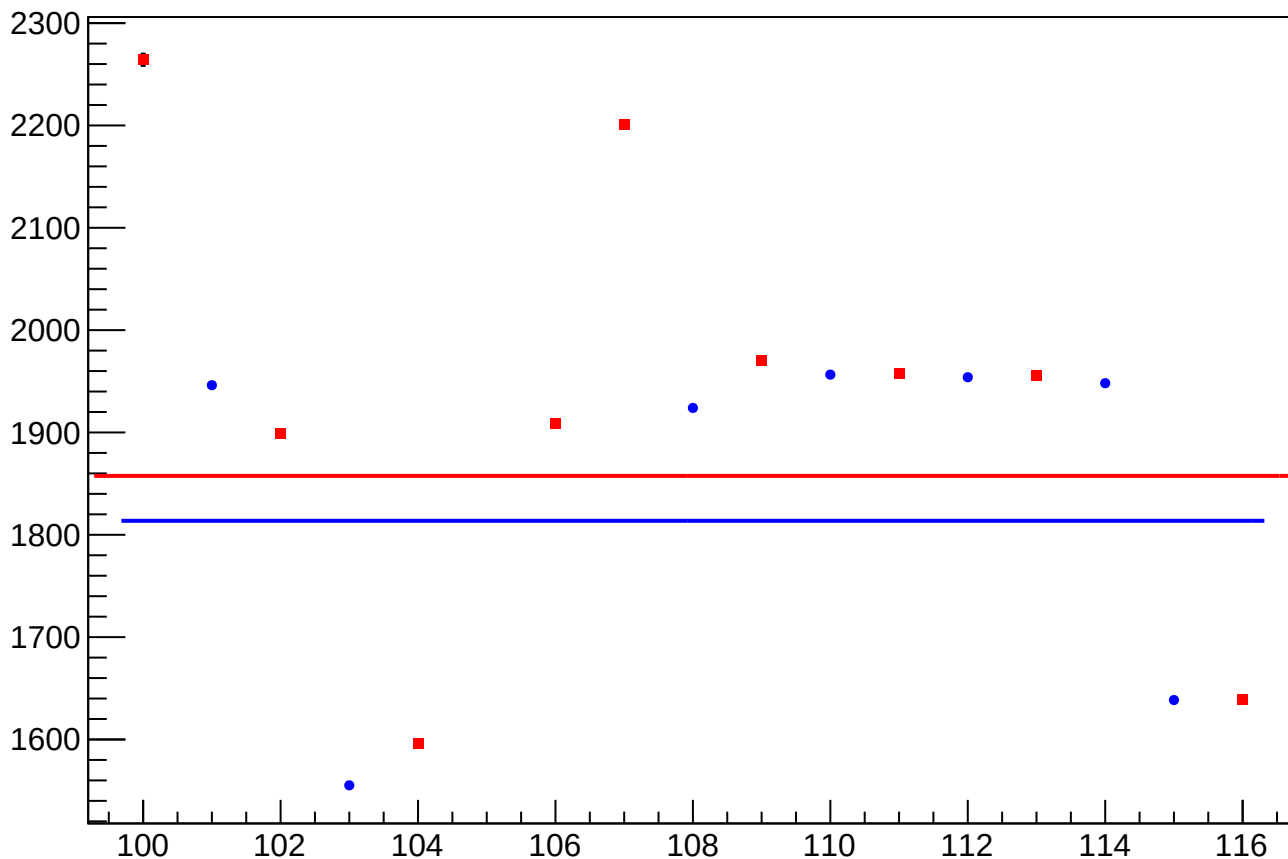
Right: -883.204+/-745.874 χ^2/NDF : 11.5/15

In: -321.502+/-1096.778 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -883.204+/-745.874 χ^2/NDF : 11.5/15

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1813.673+/-0.776 χ^2/NDF : 54151.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.547+/-0.712 χ^2/NDF : 62321.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

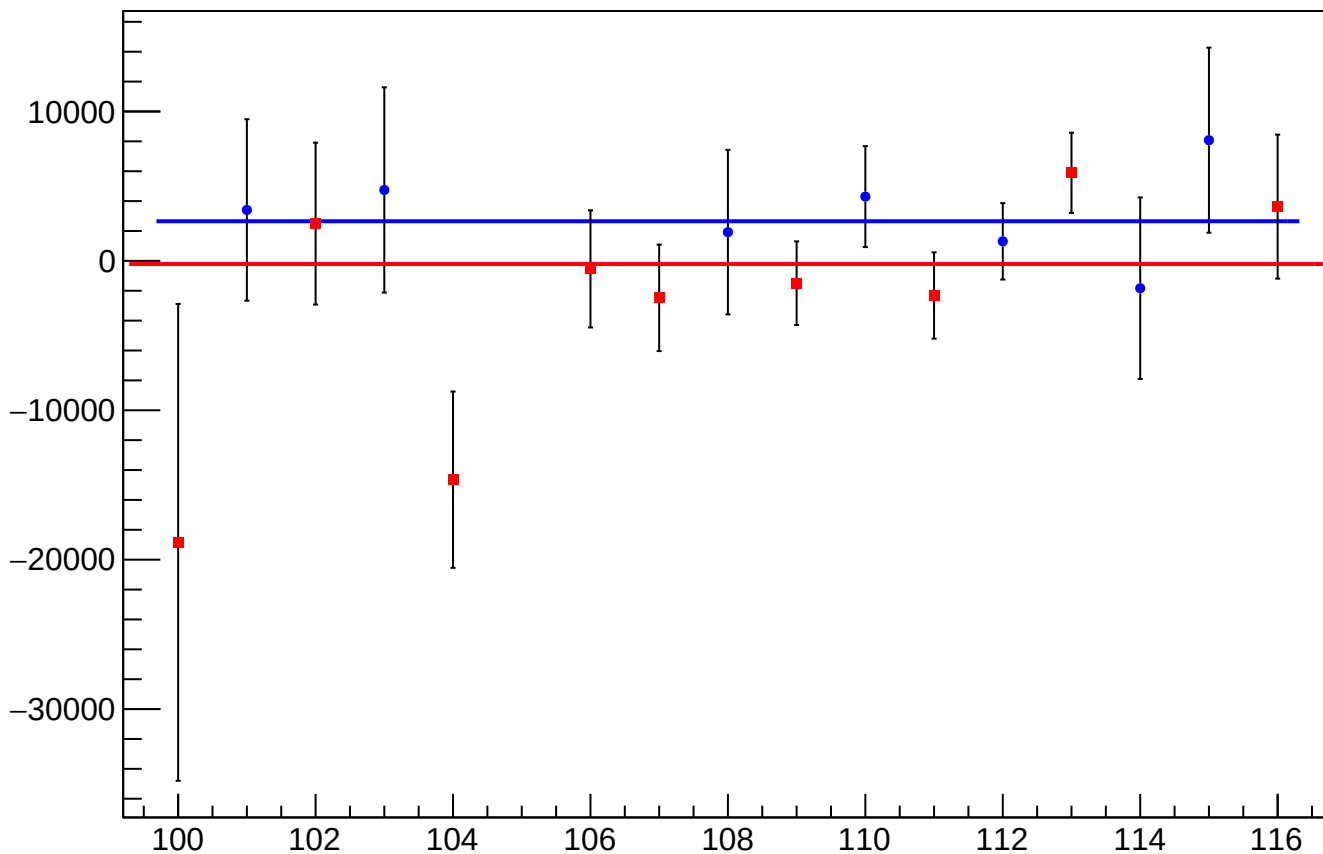
Right: 1837.487+/-0.524 χ^2/NDF : 118209.4/15

In: 1813.673+/-0.776 χ^2/NDF : 54151.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1837.487+/-0.524 χ^2/NDF : 118209.4/15

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2652.040 $\pm$ 1633.109 χ^2 /NDF: 2.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -210.960 $\pm$ 1250.401 χ^2 /NDF: 14.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

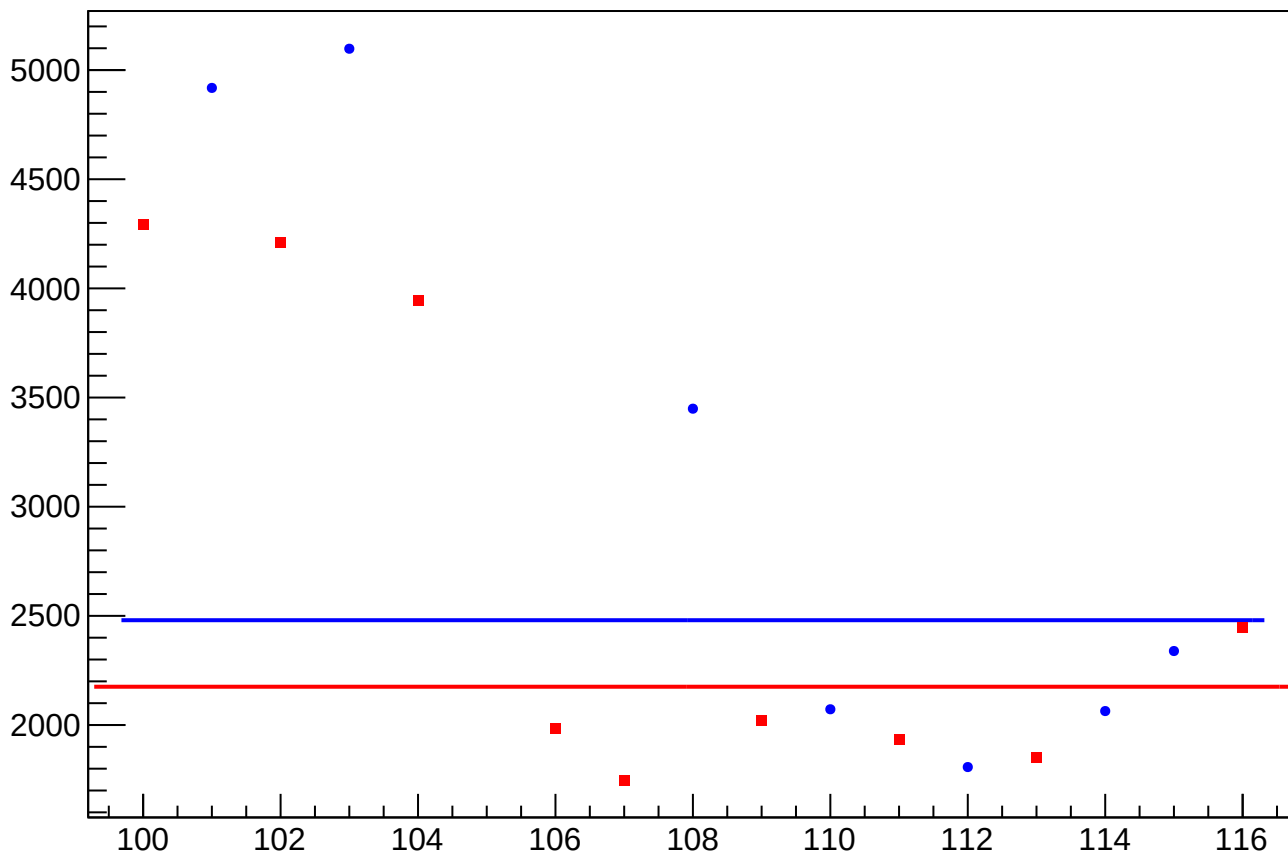
Right: 847.132 $\pm$ 992.810 χ^2 /NDF: 18.4/15

In: 2652.040 $\pm$ 1633.109 χ^2 /NDF:2.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 847.132 $\pm$ 992.810 χ^2 /NDF: 18.4/15

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2480.060+/-1.155 χ^2/NDF : 852564.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.362+/-0.884 χ^2/NDF : 585902.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

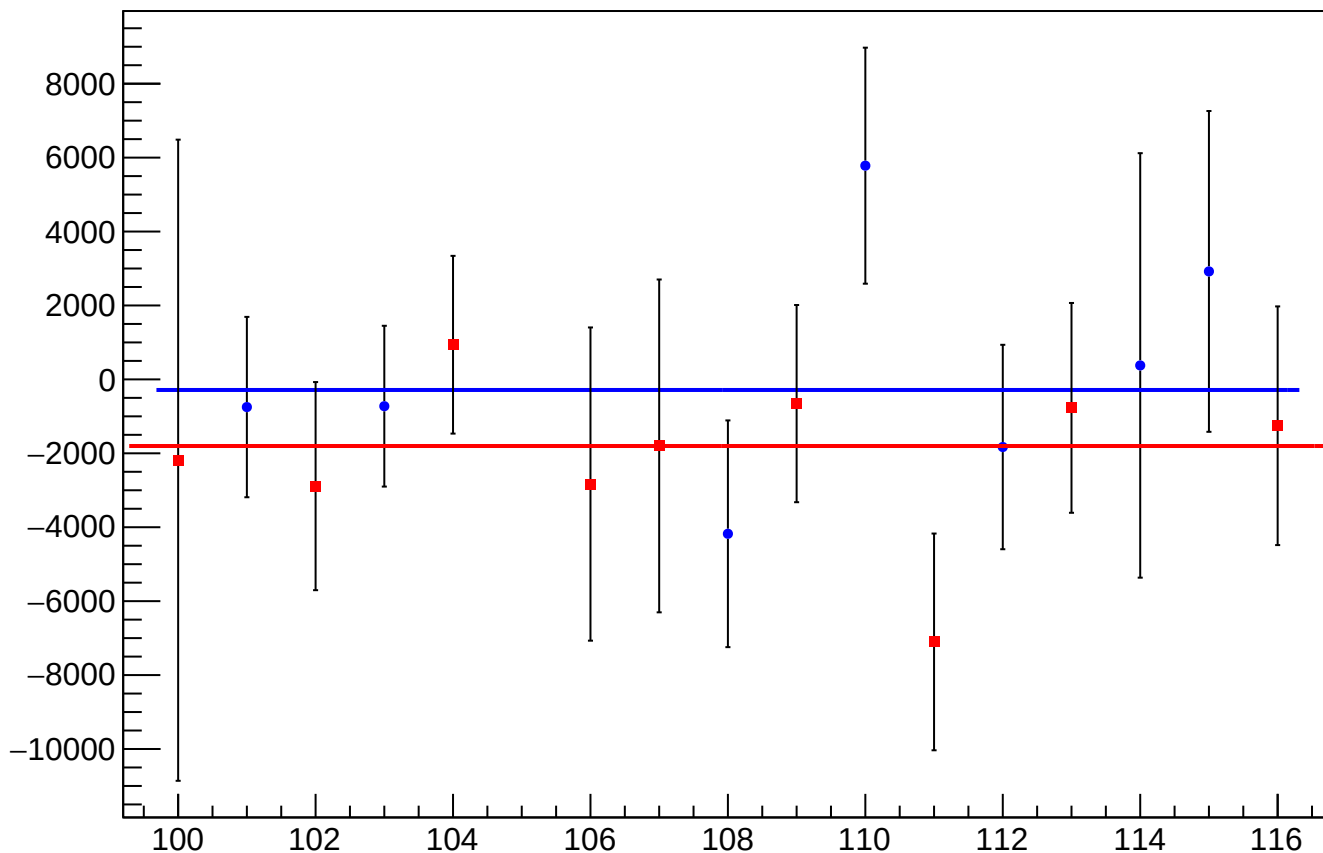
Right: 2287.971+/-0.702 χ^2/NDF : 1482358.0/15

In: 2480.060+/-1.155 χ^2/NDF : 852564.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.971+/-0.702 χ^2/NDF : 1482358.0/15

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -286.494+/-1119.520 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1802.502+/-1057.431 χ^2/NDF : 5.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

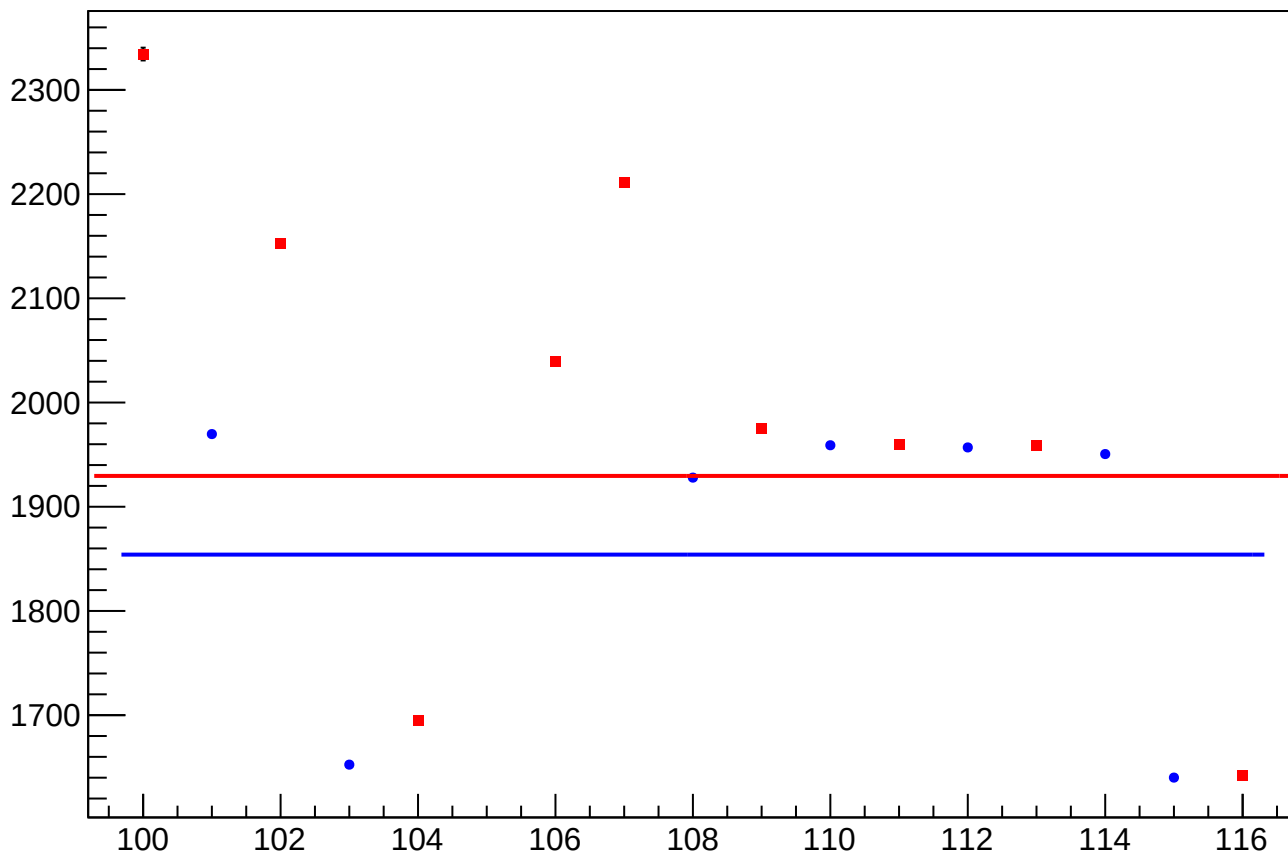
Right: -1087.701+/-768.729 χ^2/NDF : 12.3/15

In: -286.494+/-1119.520 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1087.701+/-768.729 χ^2/NDF : 12.3/15

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1854.068+/-0.792 χ^2/NDF : 33177.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1929.579+/-0.743 χ^2/NDF : 62217.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

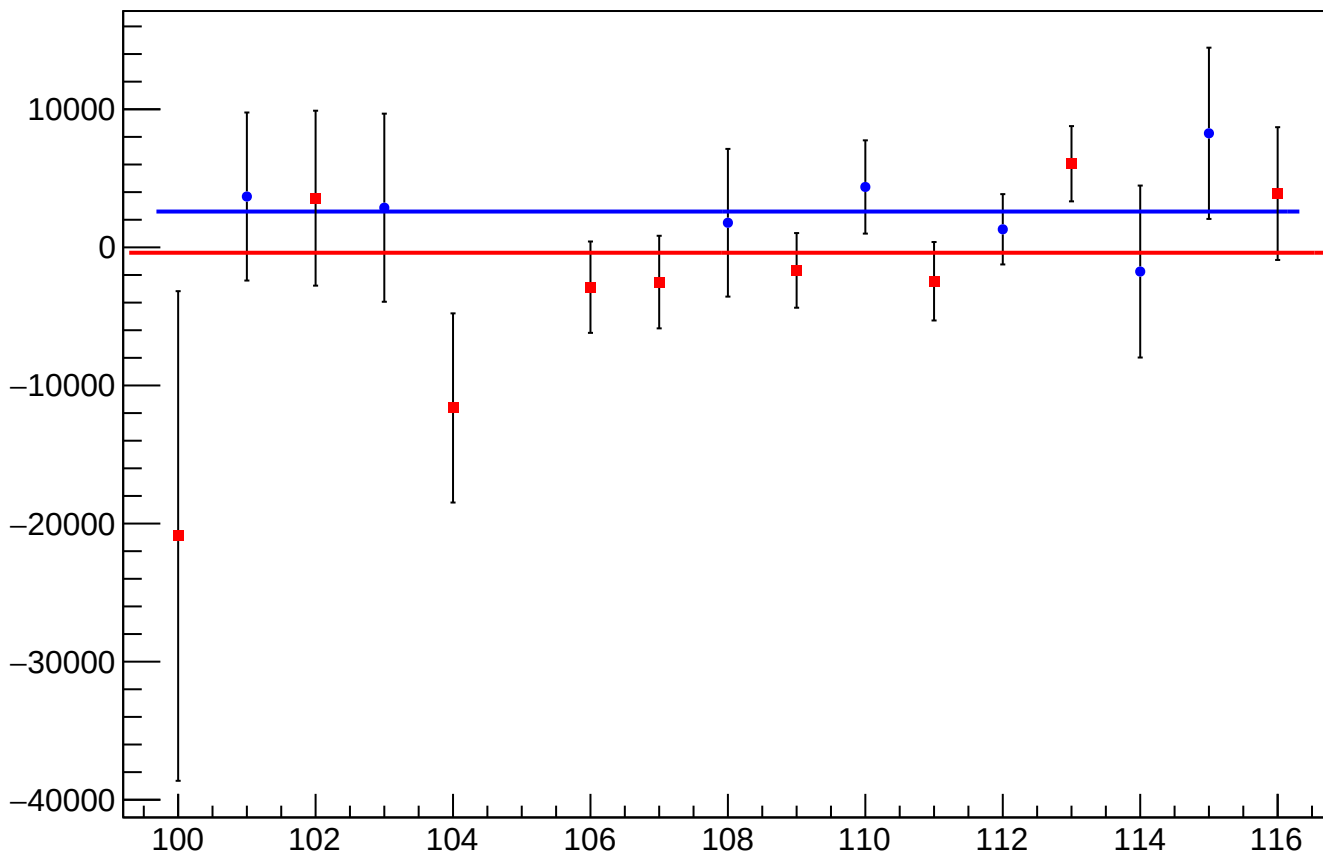
Right: 1894.208+/-0.542 χ^2/NDF : 100232.0/15

In: 1854.068+/-0.792 χ^2/NDF : 33177.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.208+/-0.542 χ^2/NDF : 100232.0/15

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2594.464+/-1628.077 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.700+/-1223.098 χ^2/NDF : 12.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

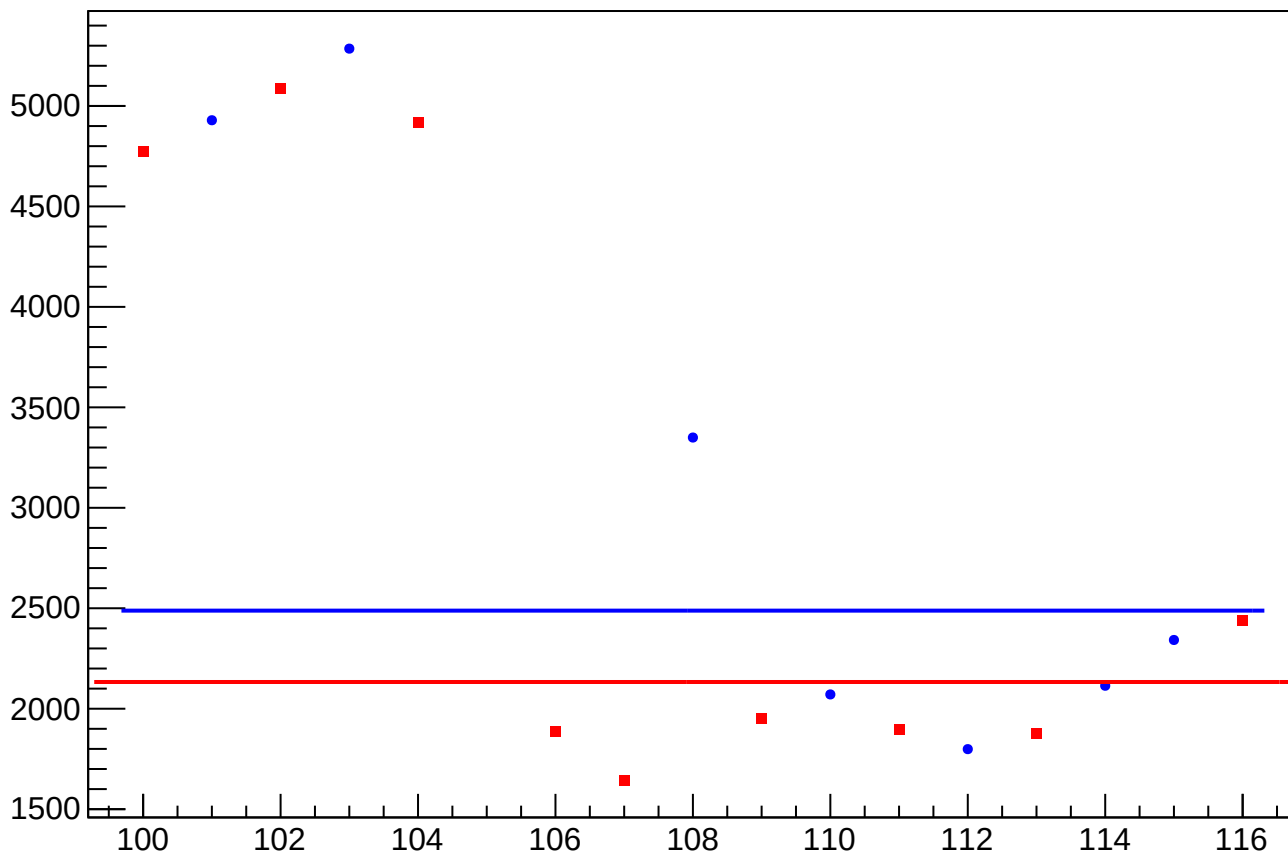
Right: 686.896+/-977.890 χ^2/NDF : 16.6/15

In: 2594.464+/-1628.077 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.896+/-977.890 χ^2/NDF : 16.6/15

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2488.213+/-1.151 χ^2/NDF : 896461.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2133.035+/-0.865 χ^2/NDF : 912227.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

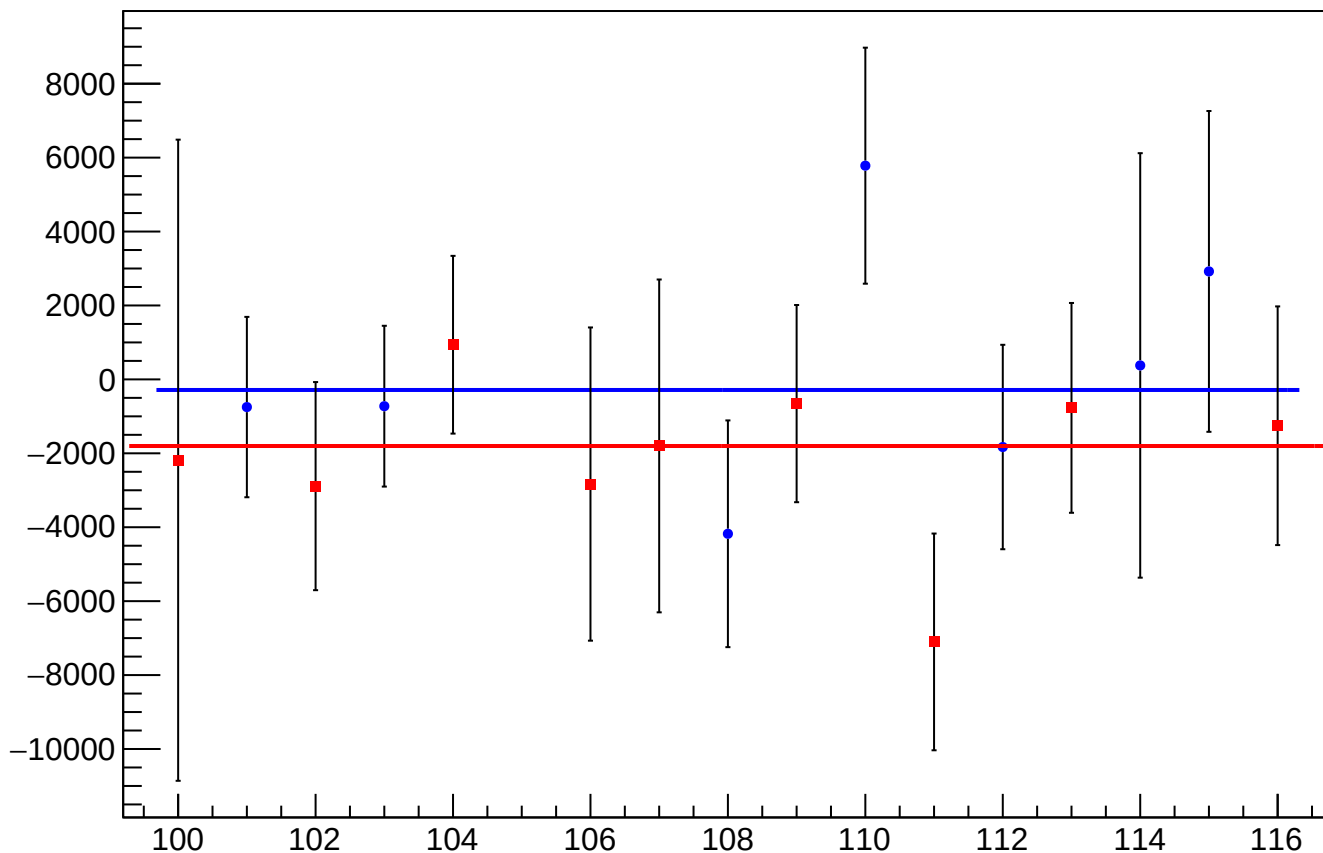
Right: 2261.173+/-0.691 χ^2/NDF : 1869534.4/15

In: 2488.213+/-1.151 χ^2/NDF : 896461.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2261.173+/-0.691 χ^2/NDF : 1869534.4/15

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -286.506+/-1119.519 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1802.512+/-1057.430 χ^2/NDF : 5.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

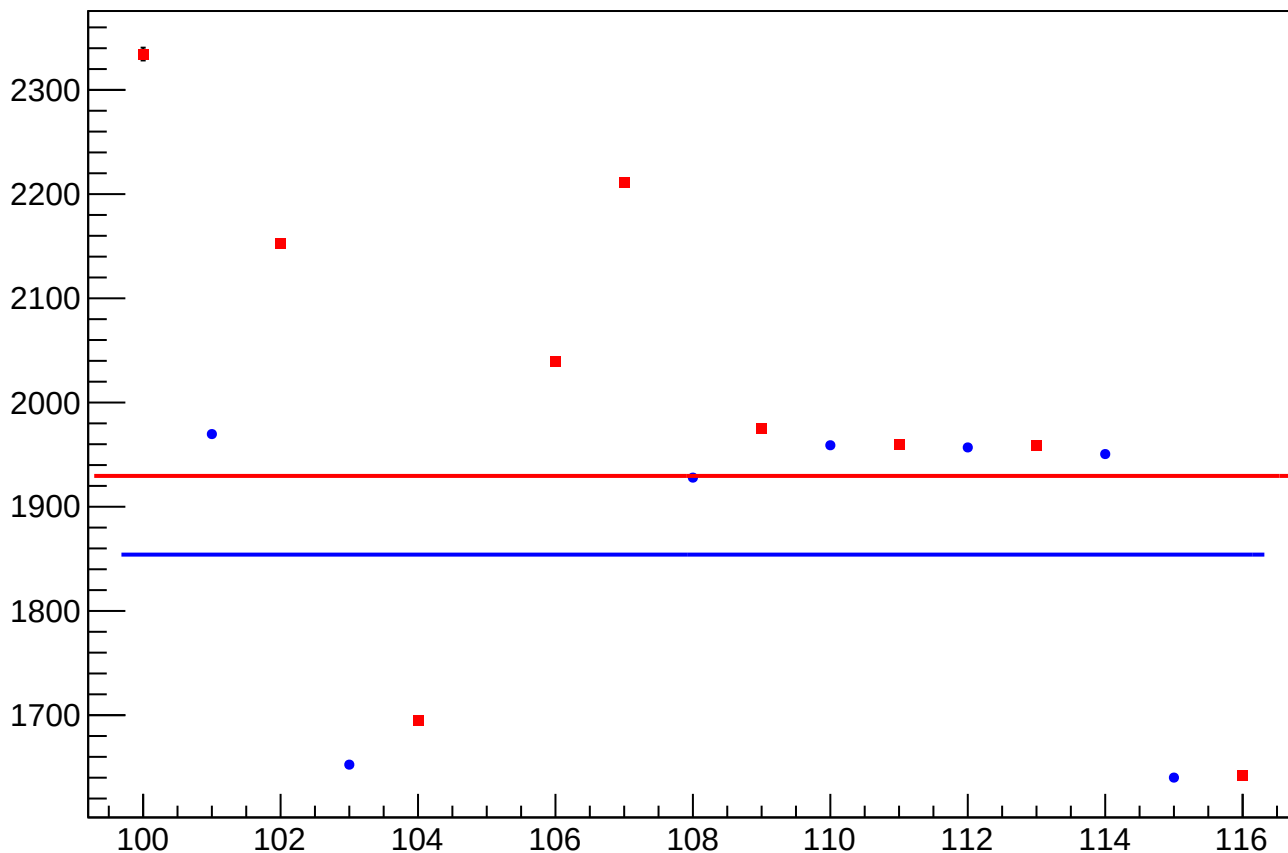
Right: -1087.712+/-768.729 χ^2/NDF : 12.3/15

In: -286.506+/-1119.519 χ^2/NDF :6.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1087.712+/-768.729 χ^2/NDF : 12.3/15

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1854.067+/-0.792 χ^2/NDF : 33178.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1929.578+/-0.743 χ^2/NDF : 62217.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

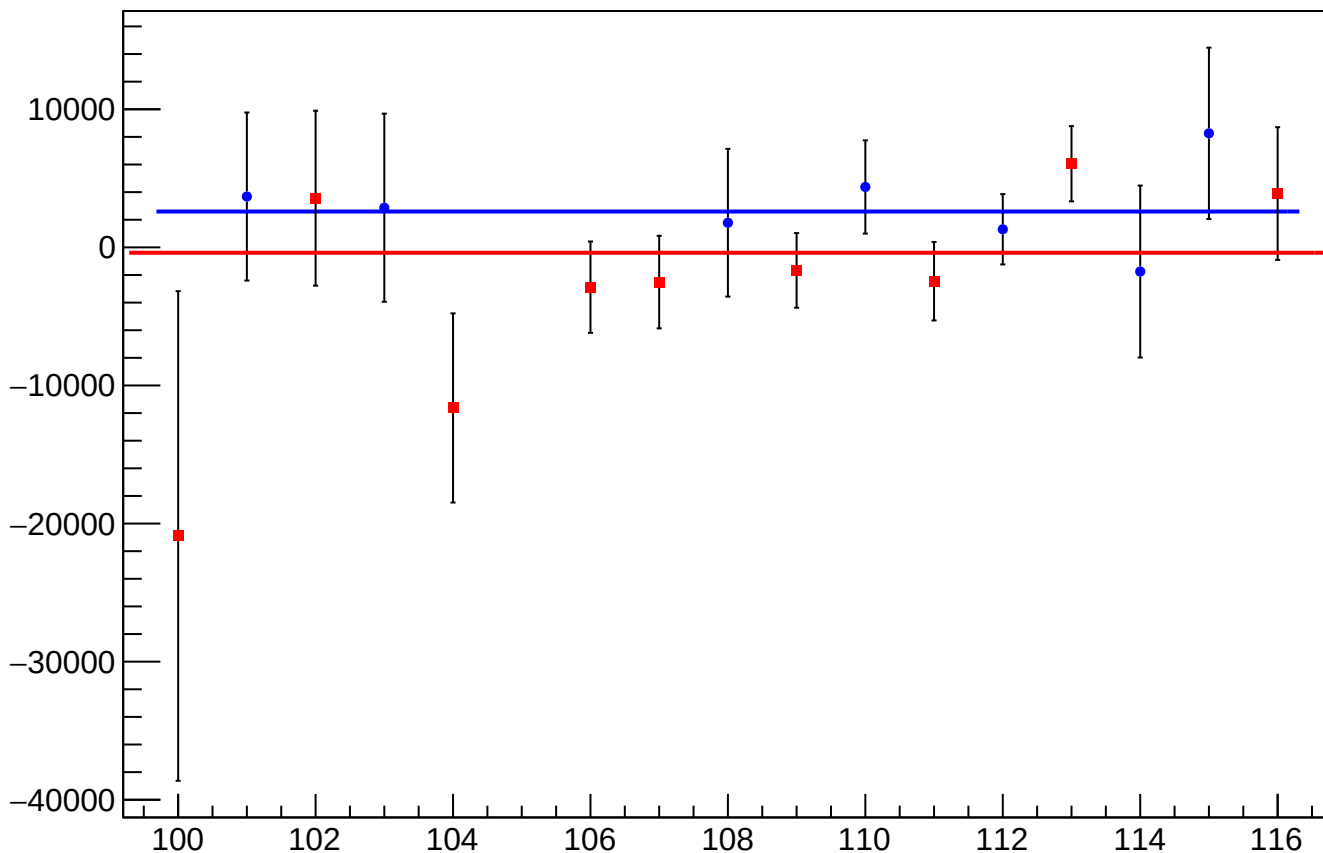
Right: 1894.208+/-0.542 χ^2/NDF : 100232.3/15

In: 1854.067+/-0.792 χ^2/NDF : 33178.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.208+/-0.542 χ^2/NDF : 100232.3/15

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2594.451+/-1628.070 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.699+/-1223.094 χ^2/NDF : 12.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

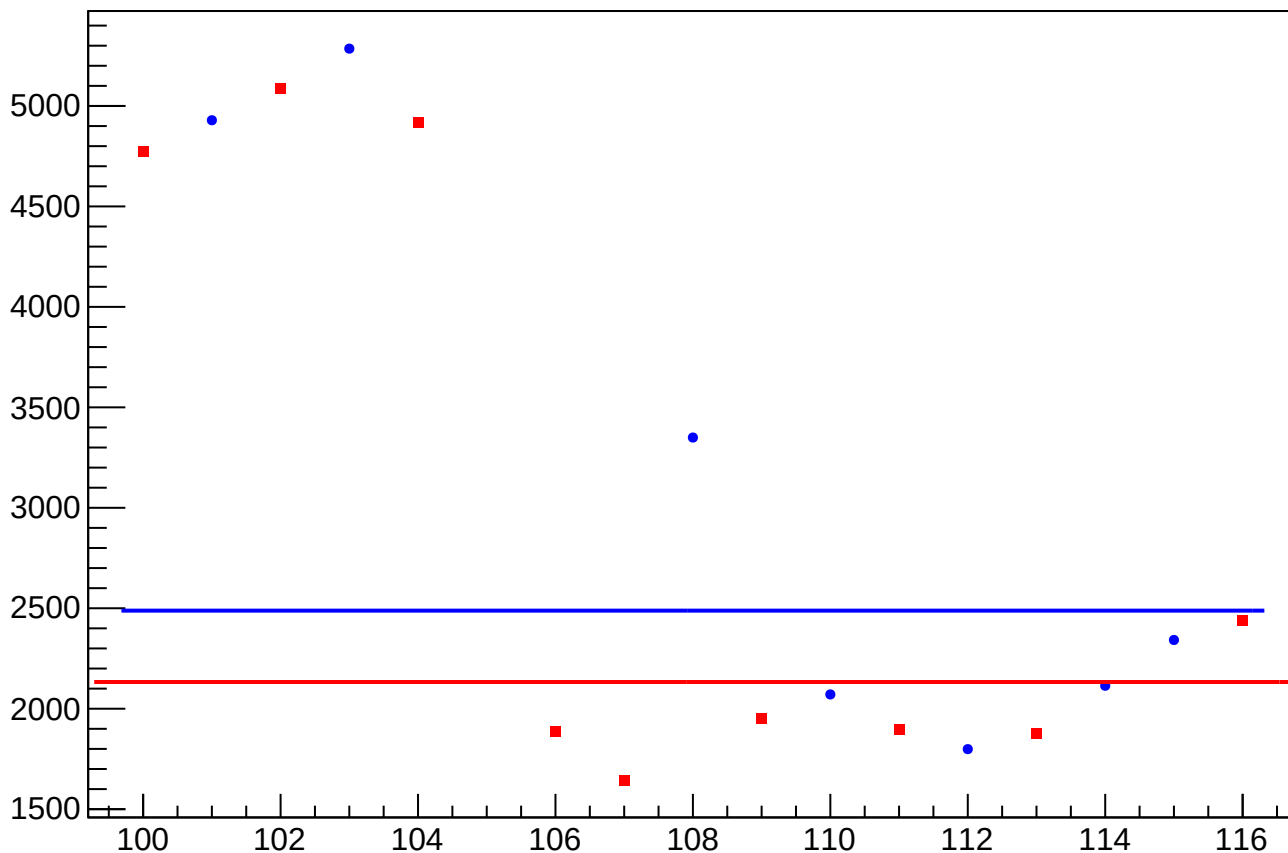
Right: 686.894+/-977.886 χ^2/NDF : 16.6/15

In: 2594.451+/-1628.070 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.894+/-977.886 χ^2/NDF : 16.6/15

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2488.201+/-1.151 χ^2/NDF : 896467.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2133.028+/-0.865 χ^2/NDF : 912231.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

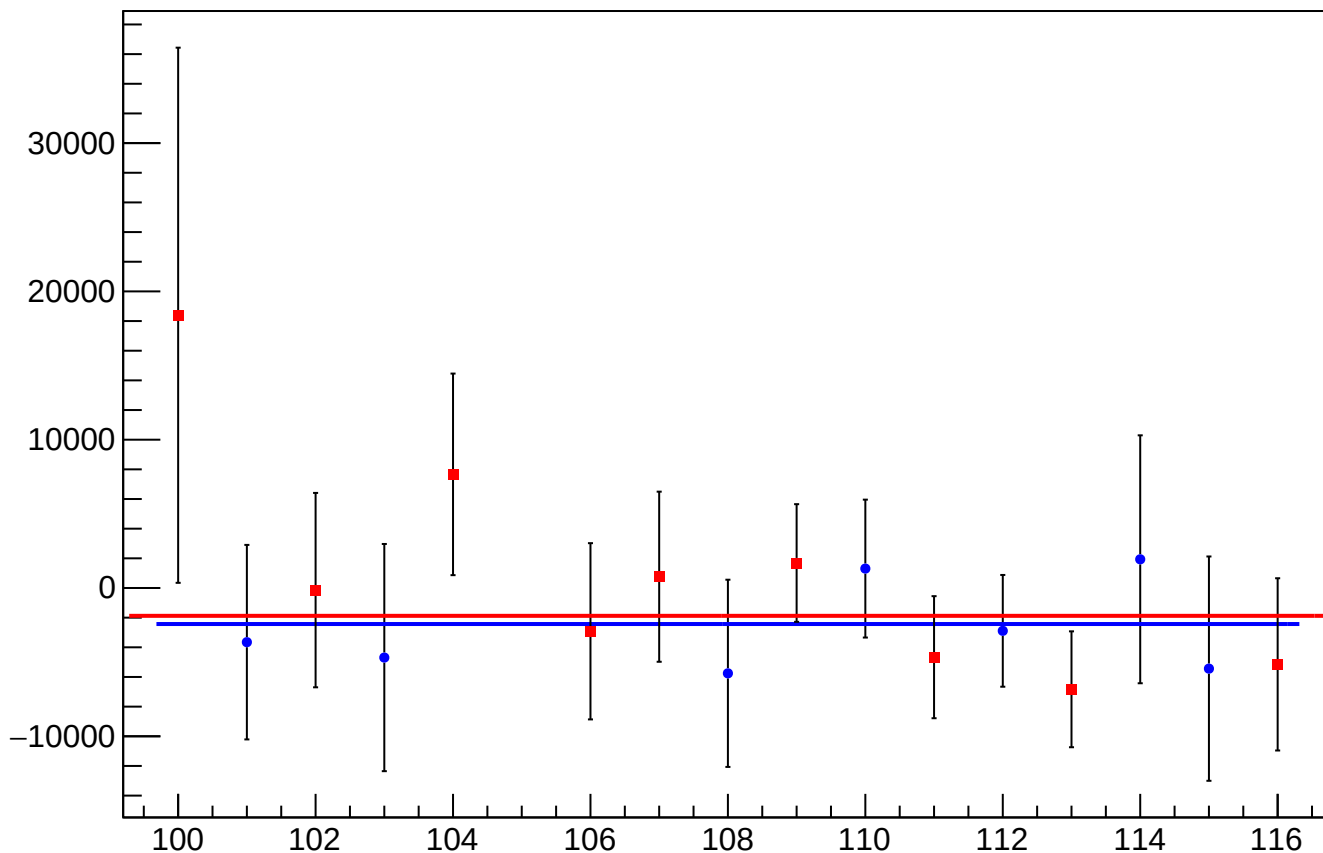
Right: 2261.164+/-0.691 χ^2/NDF : 1869543.4/15

In: 2488.201+/-1.151 χ^2/NDF : 896467.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2261.164+/-0.691 χ^2/NDF : 1869543.4/15

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -2430.002 $\pm$ 2162.320 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1877.352 $\pm$ 1755.642 χ^2 /NDF: 6.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

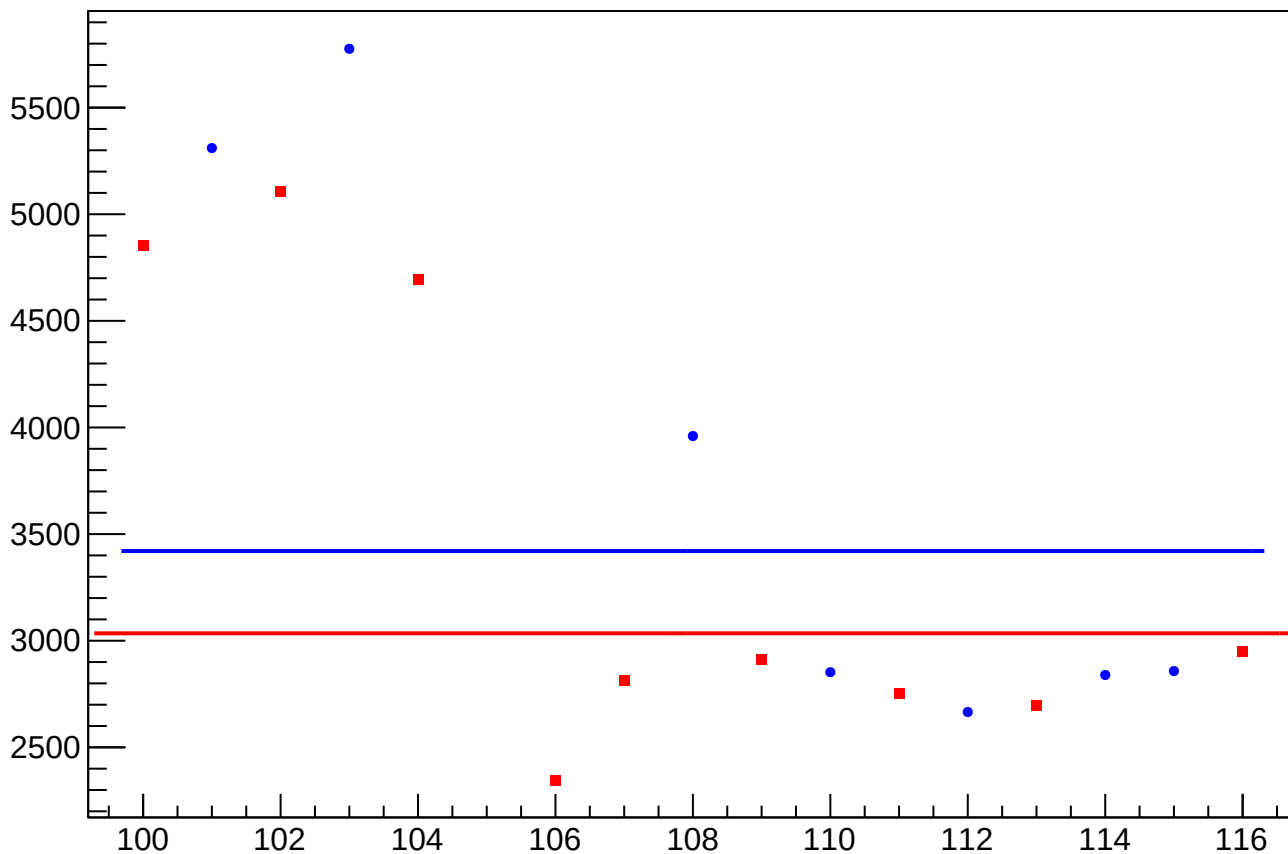
Right: -2096.924 $\pm$ 1362.962 χ^2 /NDF: 8.3/15

In: -2430.002 $\pm$ 2162.320 χ^2 /NDF: 1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2096.924 $\pm$ 1362.962 χ^2 /NDF: 8.3/15

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3420.593+/-1.529 χ^2/NDF : 500636.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3034.698+/-1.204 χ^2/NDF : 415969.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

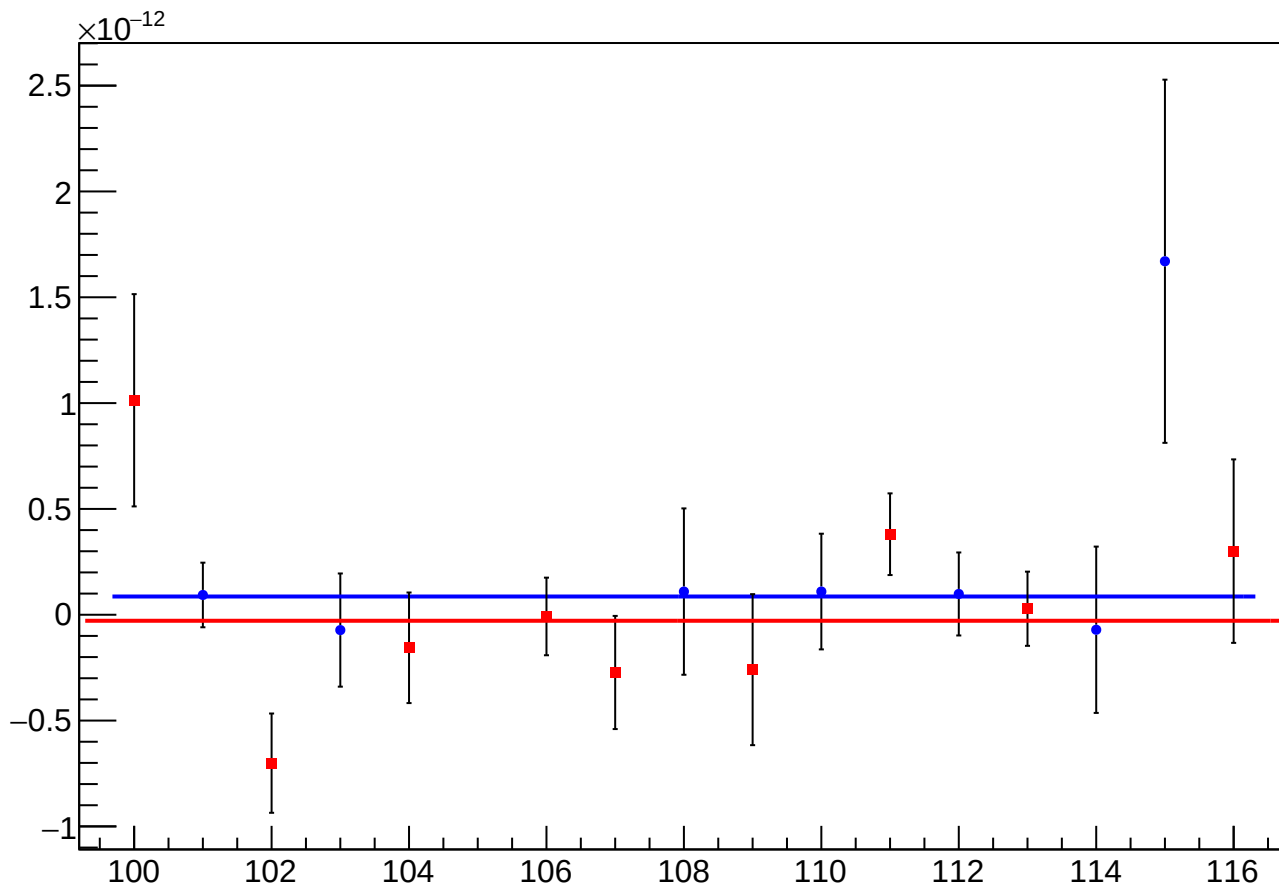
Right: 3182.341+/-0.946 χ^2/NDF : 955933.9/15

In: 3420.593+/-1.529 χ^2/NDF : 500636.6/6

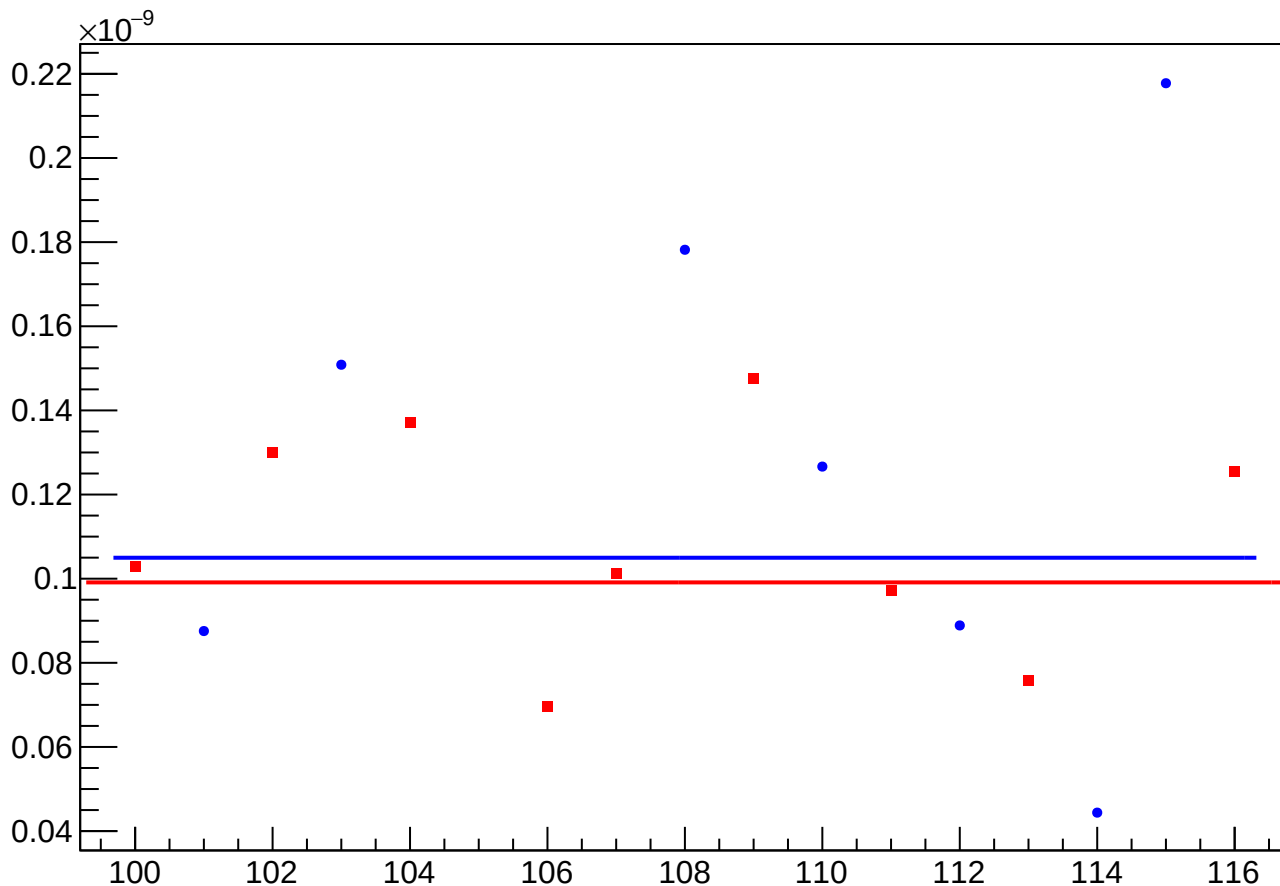
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3182.341+/-0.946 χ^2/NDF : 955933.9/15

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 262524.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 209210.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

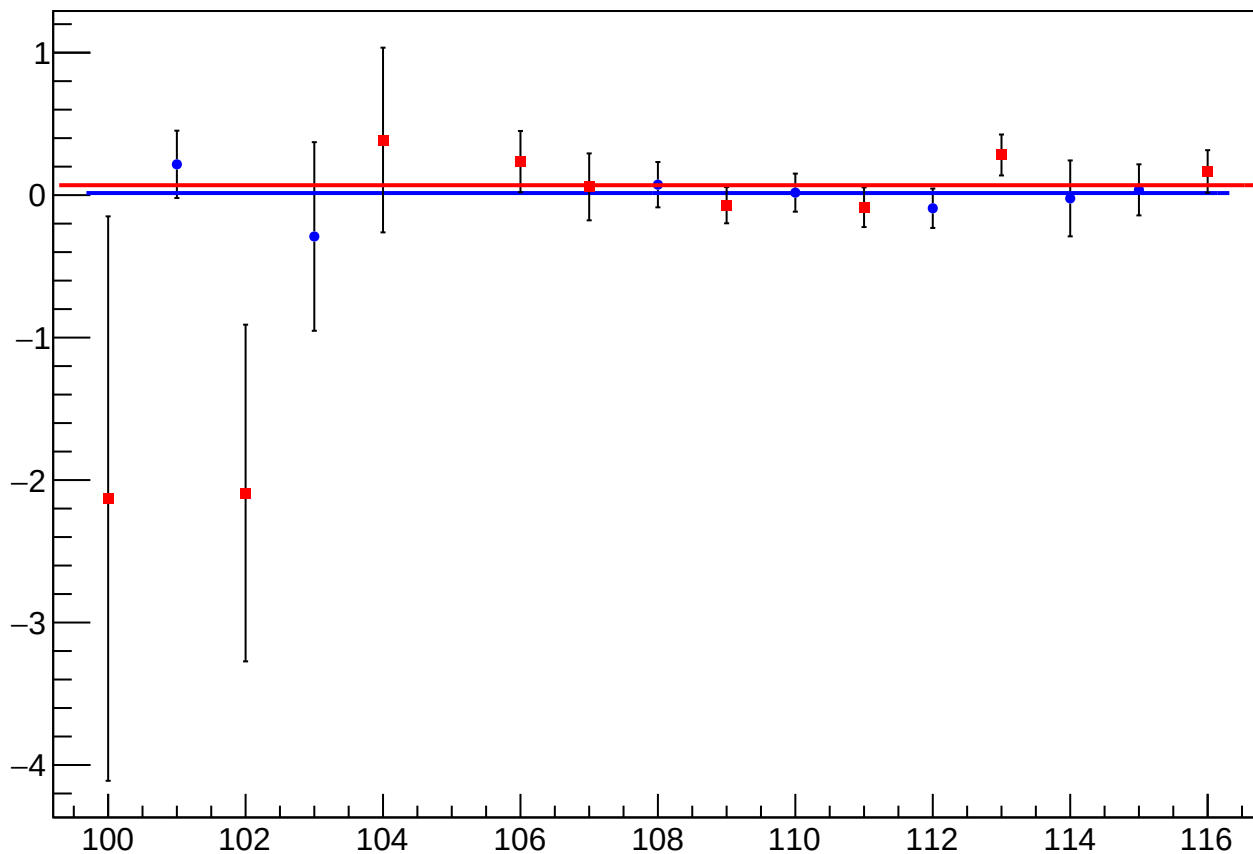
Right: 0.000+/-0.000 χ^2/NDF : 476150.7/15

In: 0.000+/-0.000 χ^2/NDF : 262524.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 476150.7/15

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.068 χ^2/NDF : 1.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.063 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

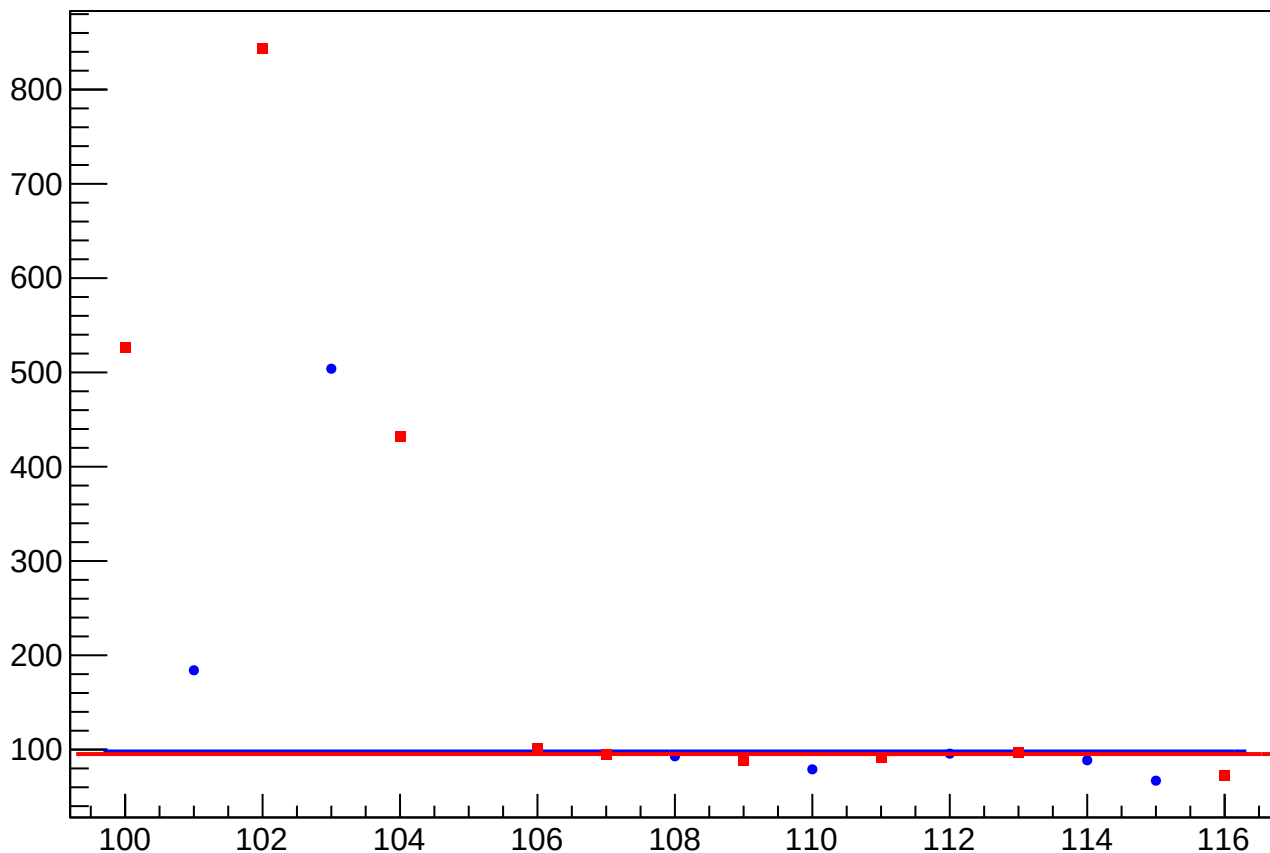
Right: 0.044+/-0.046 χ^2/NDF : 12.5/15

In: 0.015+/-0.068 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.046 χ^2/NDF : 12.5/15

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.951+/-0.048 χ^2/NDF : 1122453.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.241+/-0.045 χ^2/NDF : 1491402.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

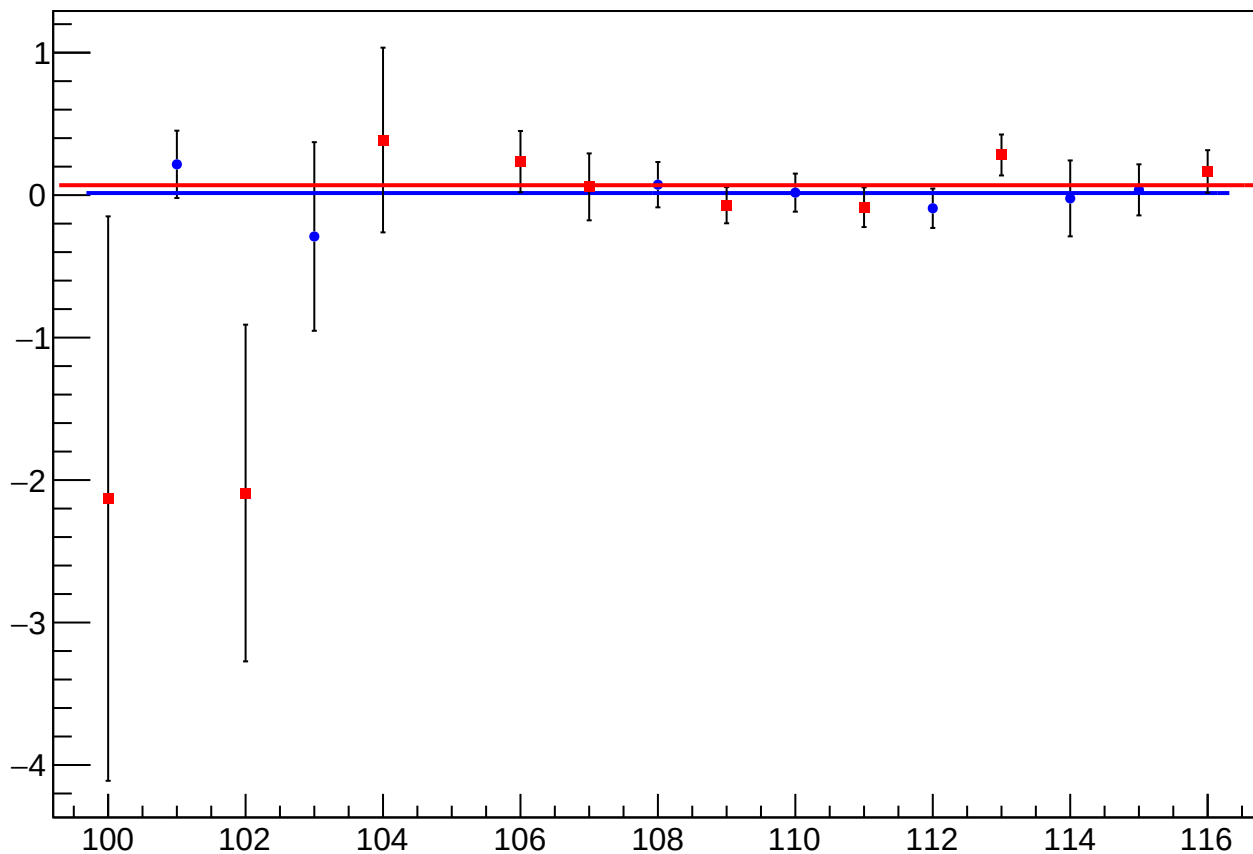
Right: 96.489+/-0.033 χ^2/NDF : 2615545.6/15

In: 97.951+/-0.048 χ^2/NDF : 1122453.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.489+/-0.033 χ^2/NDF : 2615545.6/15

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.068 χ^2/NDF : 1.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.063 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

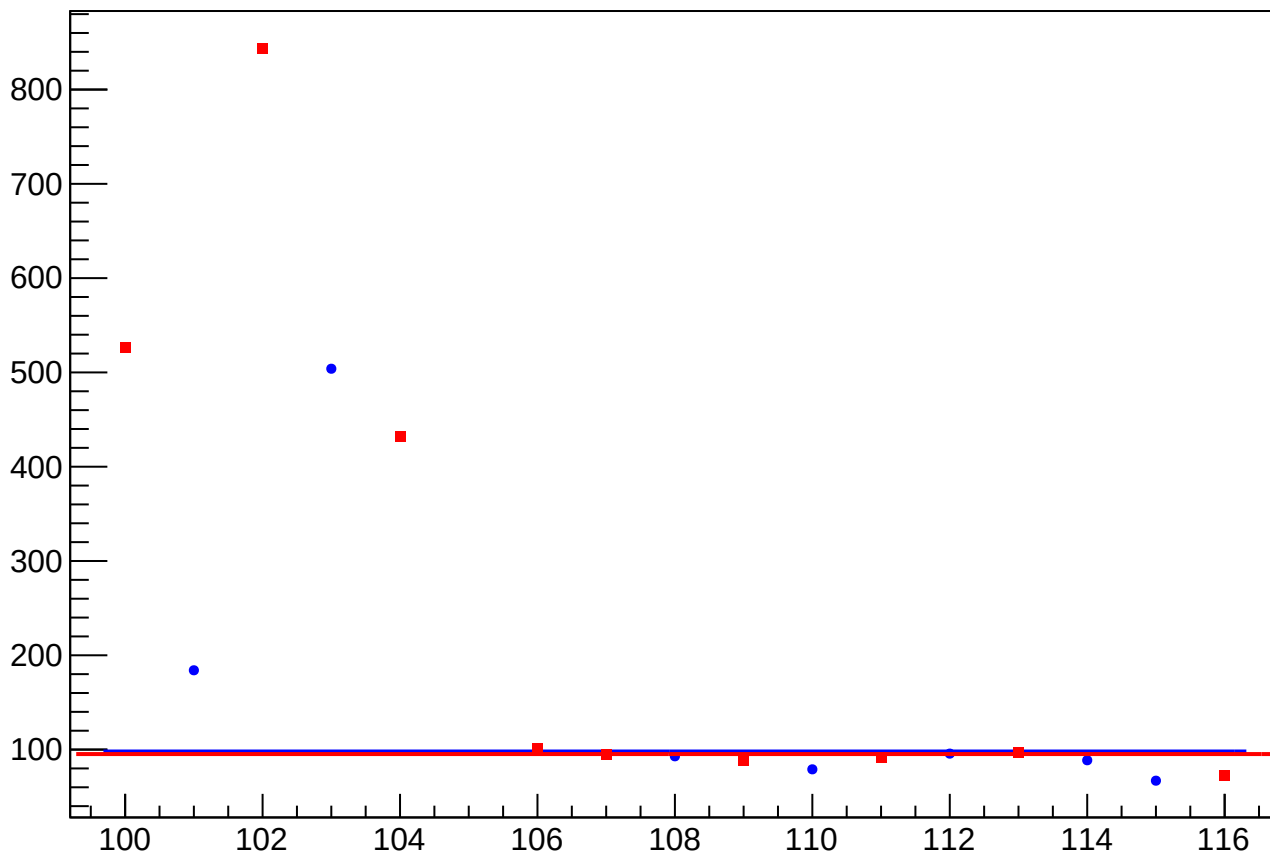
Right: 0.044+/-0.046 χ^2/NDF : 12.5/15

In: 0.015+/-0.068 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.046 χ^2/NDF : 12.5/15

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.951+/-0.048 χ^2/NDF : 1122453.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.241+/-0.045 χ^2/NDF : 1491402.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

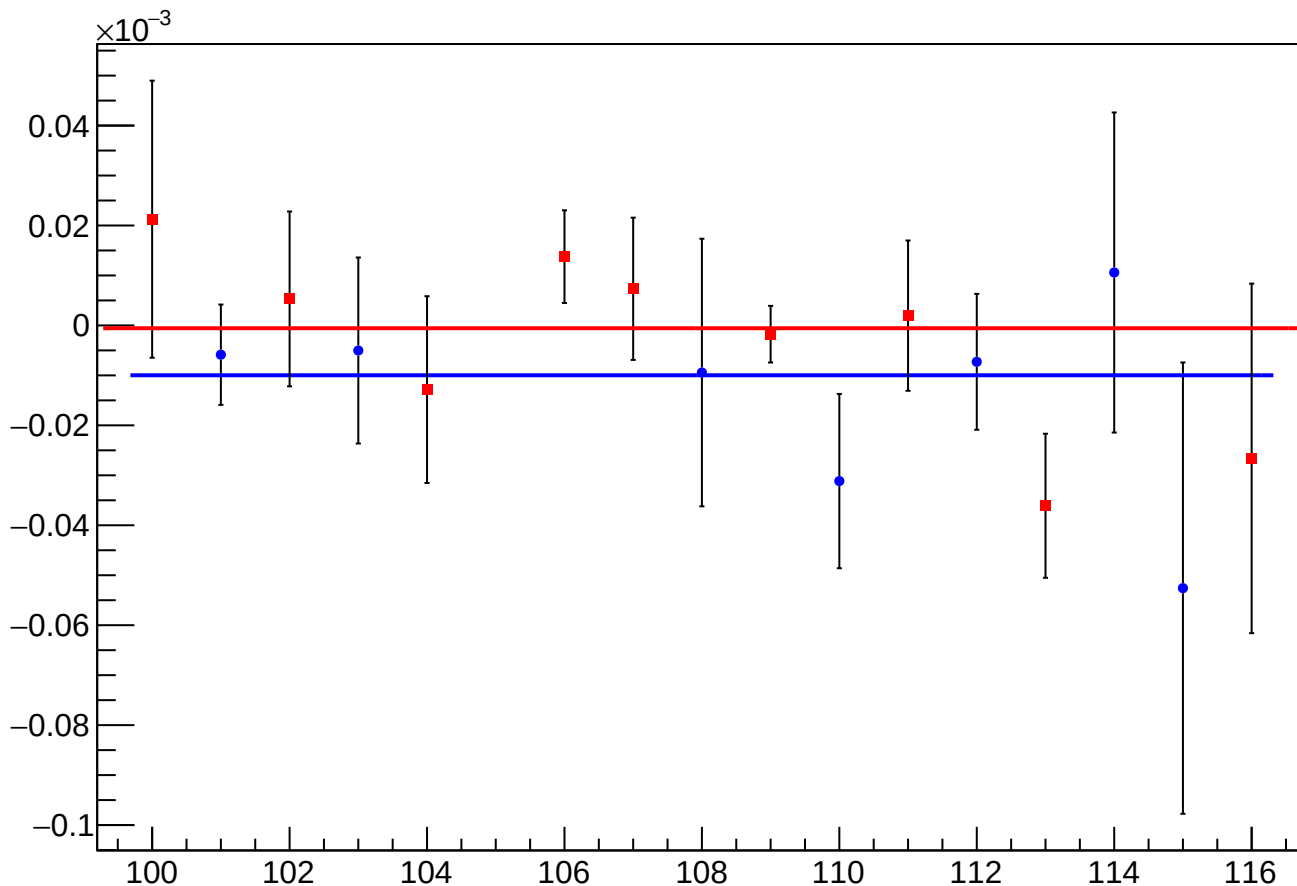
Right: 96.489+/-0.033 χ^2/NDF : 2615545.6/15

In: 97.951+/-0.048 χ^2/NDF : 1122453.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.489+/-0.033 χ^2/NDF : 2615545.6/15

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

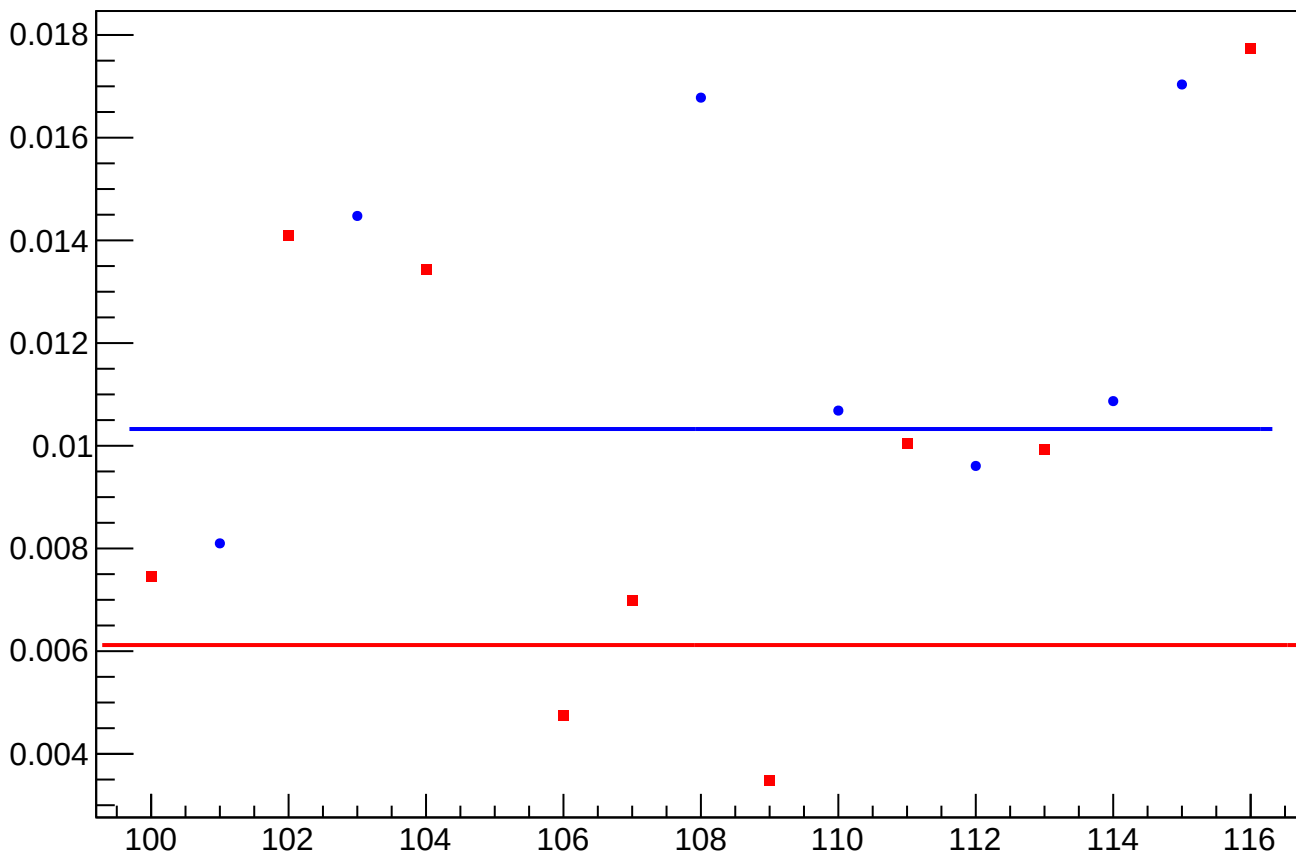
Right: -0.000+/-0.000 χ^2/NDF : 15.2/15

In: -0.000+/-0.000 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/15

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 365063.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1706955.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

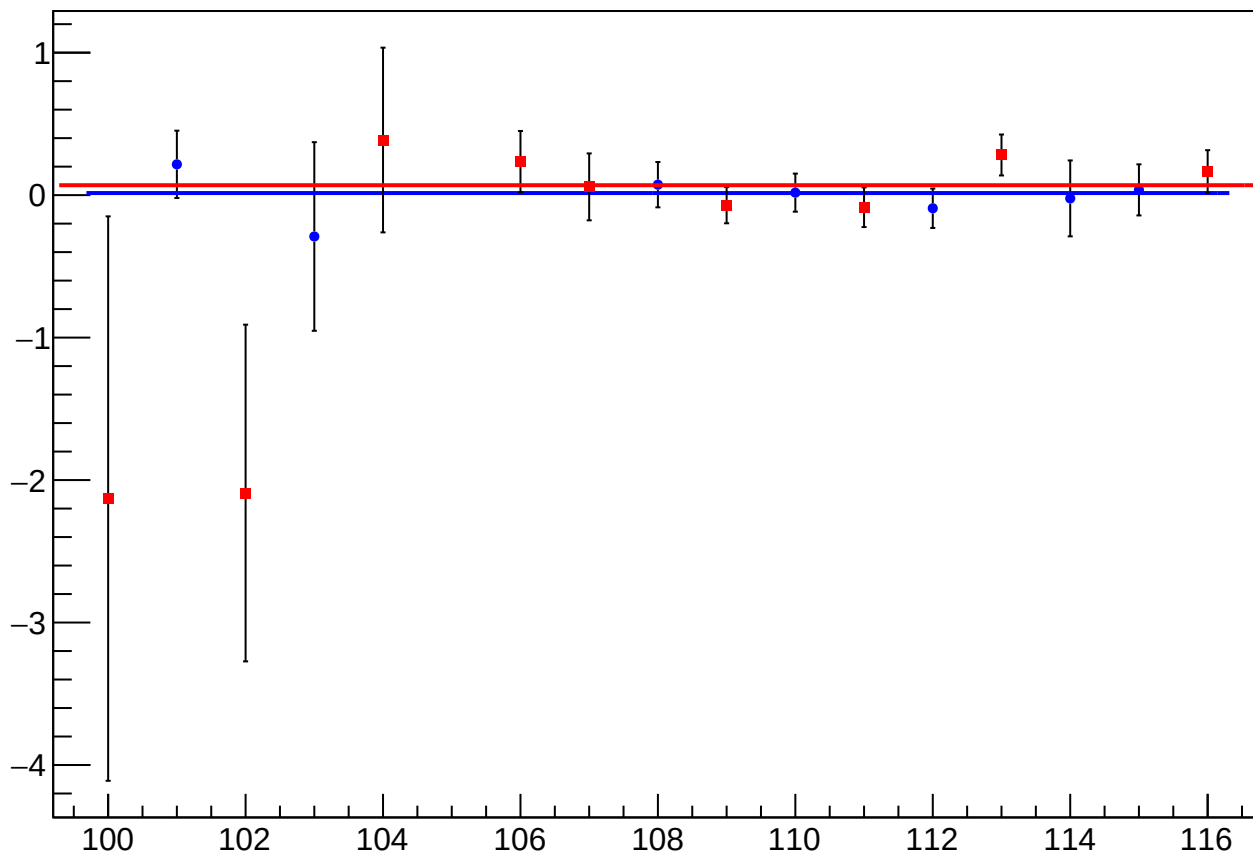
Right: 0.007+/-0.000 χ^2/NDF : 2699733.6/15

In: 0.010+/-0.000 χ^2/NDF :365063.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2699733.6/15

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.068 χ^2 /NDF: 1.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.070 $\pm$ 0.063 χ^2 /NDF: 10.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

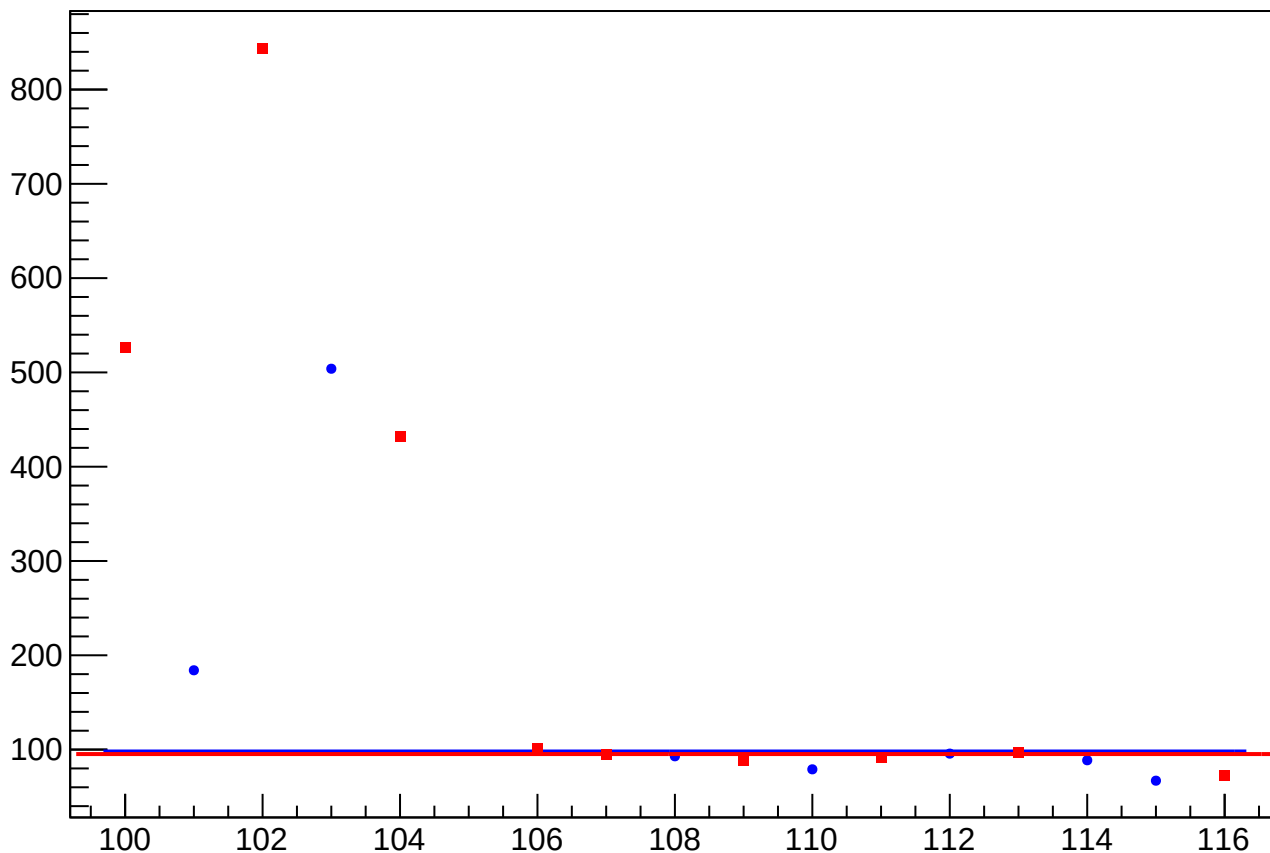
Right: 0.044 $\pm$ 0.046 χ^2 /NDF: 12.5/15

In: 0.014 $\pm$ 0.068 χ^2 /NDF:1.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.044 $\pm$ 0.046 χ^2 /NDF: 12.5/15

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.953+/-0.048 χ^2/NDF : 1122423.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.244+/-0.045 χ^2/NDF : 1491351.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

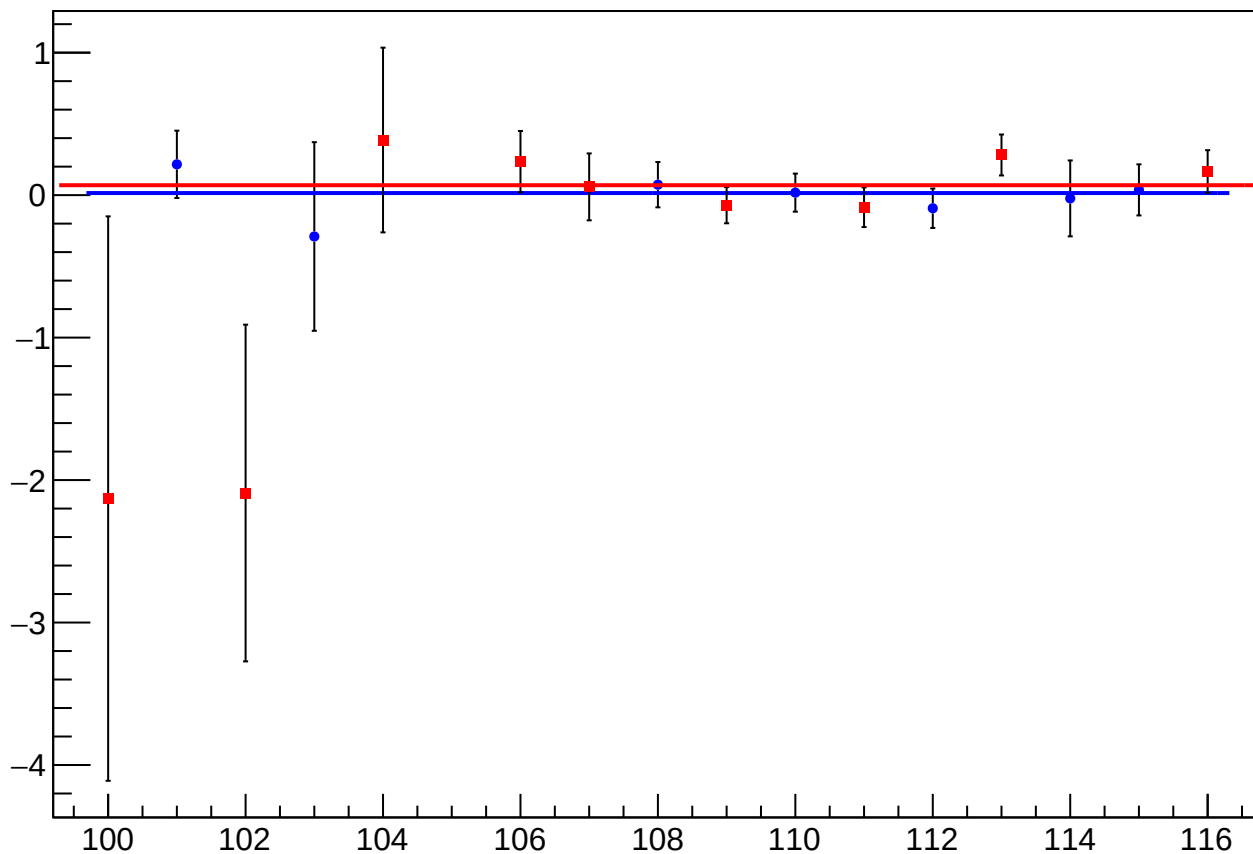
Right: 96.491+/-0.033 χ^2/NDF : 2615464.4/15

In: 97.953+/-0.048 χ^2/NDF : 1122423.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.491+/-0.033 χ^2/NDF : 2615464.4/15

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.068 χ^2/NDF : 1.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.063 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

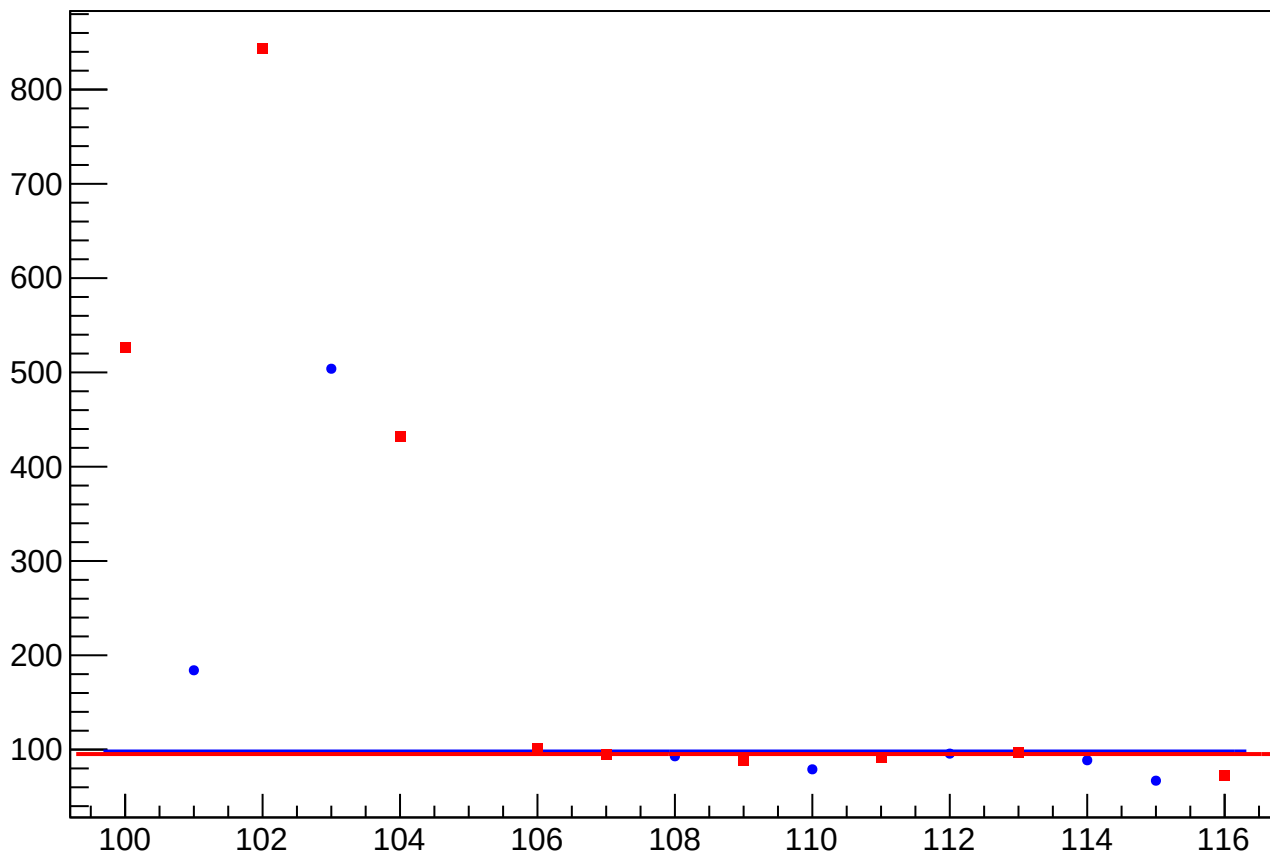
Right: 0.044+/-0.046 χ^2/NDF : 12.5/15

In: 0.014+/-0.068 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.046 χ^2/NDF : 12.5/15

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.953+/-0.048 χ^2/NDF : 1122423.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.244+/-0.045 χ^2/NDF : 1491351.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

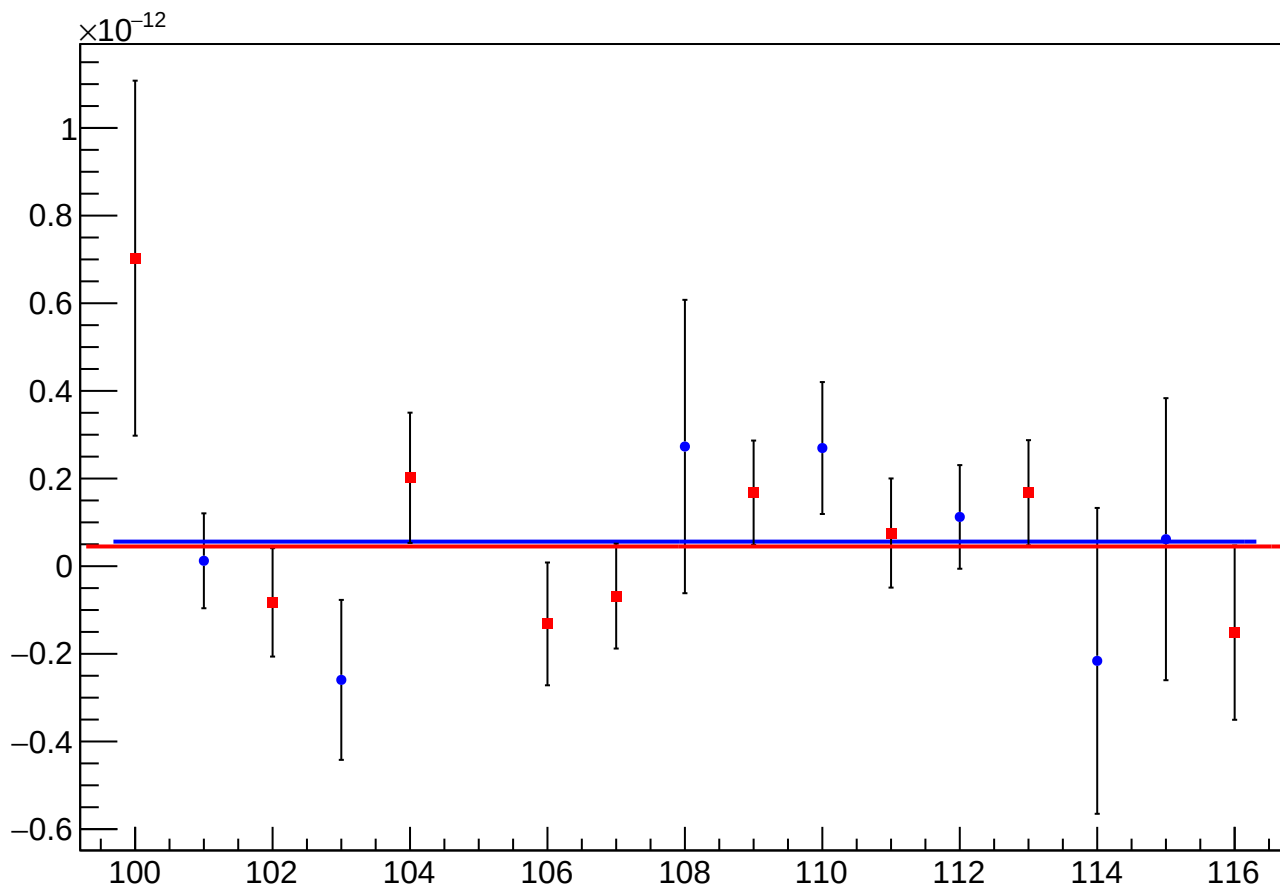
Right: 96.491+/-0.033 χ^2/NDF : 2615464.4/15

In: 97.953+/-0.048 χ^2/NDF : 1122423.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.491+/-0.033 χ^2/NDF : 2615464.4/15

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

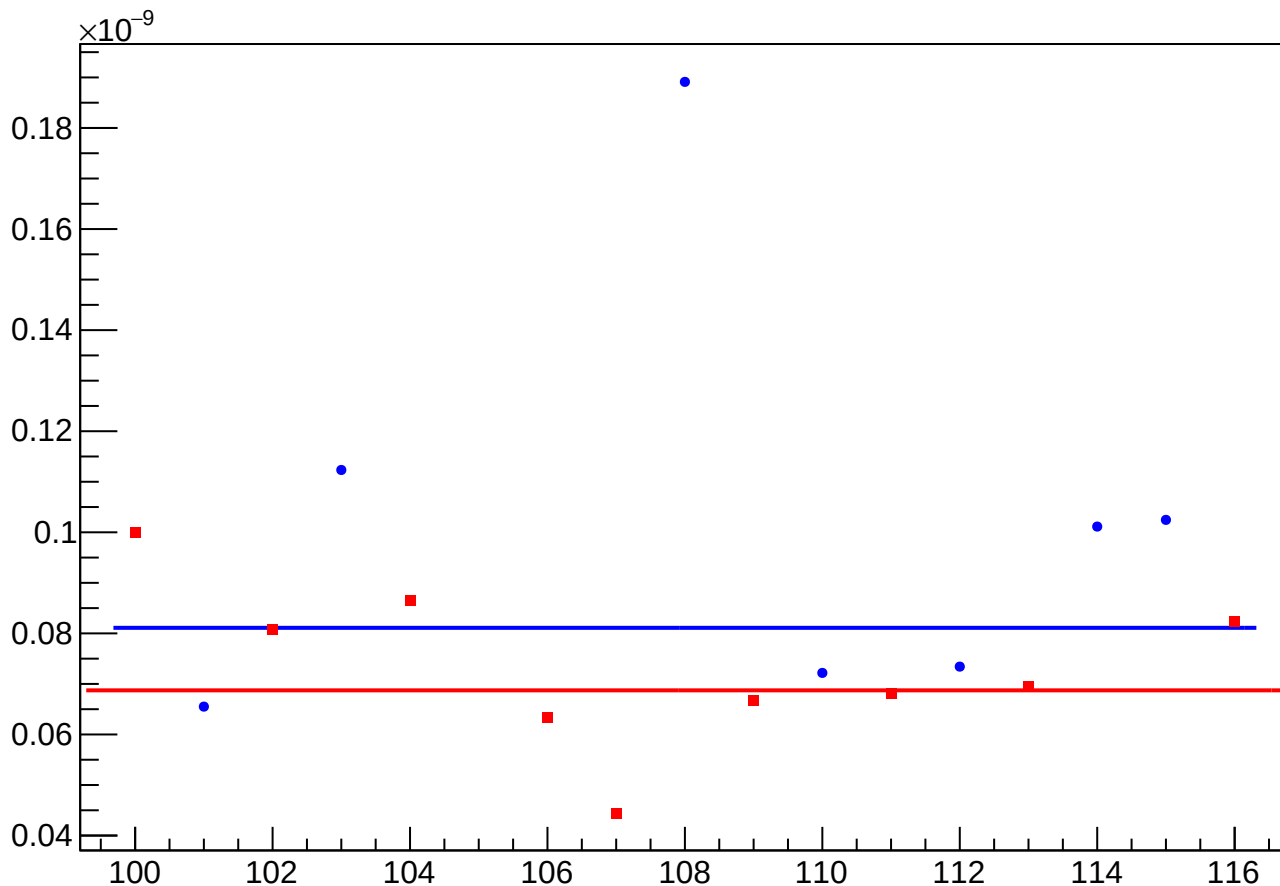
Right: 0.000+/-0.000 χ^2/NDF : 16.9/15

In: 0.000+/-0.000 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.9/15

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 339214.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 155124.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

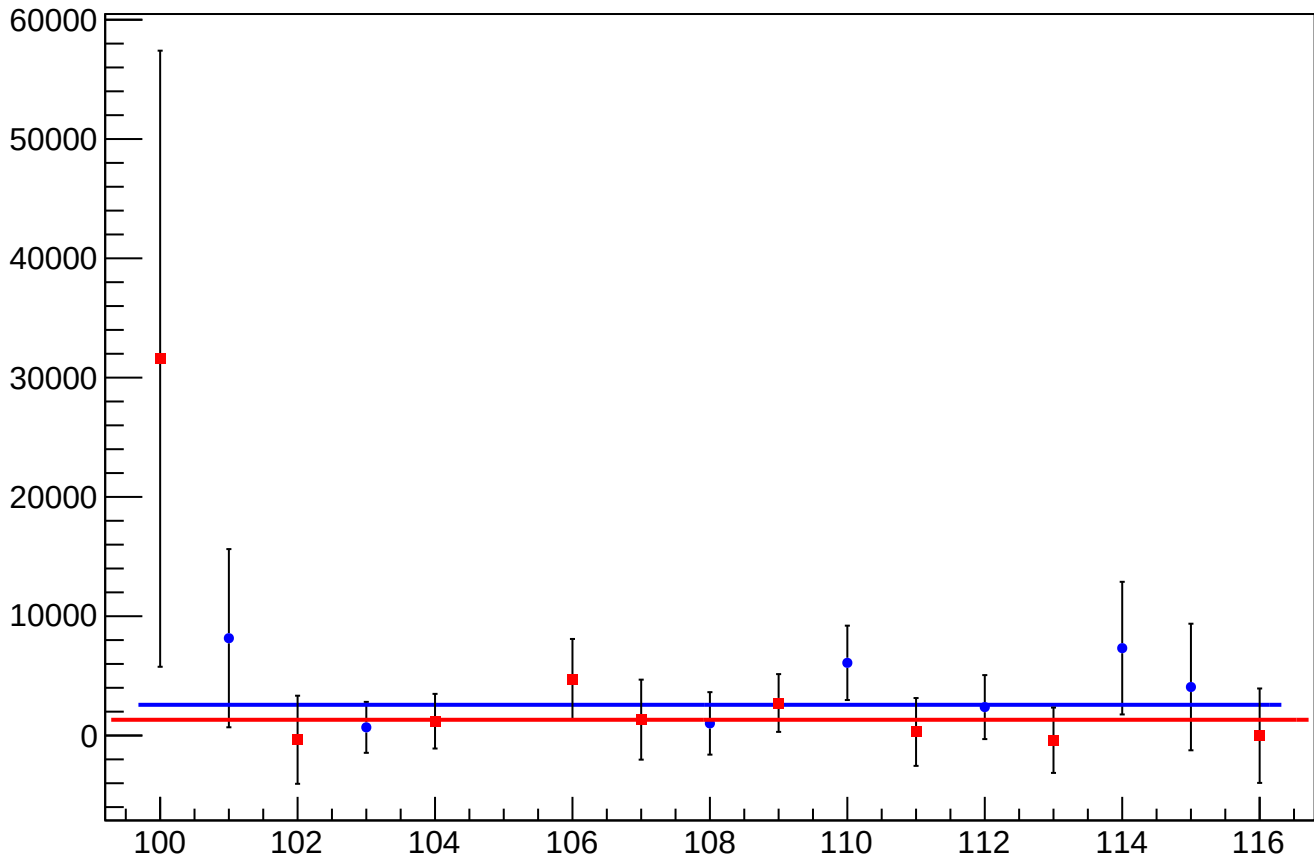
Right: 0.000+/-0.000 χ^2/NDF : 545181.1/15

In: 0.000+/-0.000 χ^2/NDF : 339214.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 545181.1/15

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2574.730+/-1201.274 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.497+/-1034.760 χ^2/NDF : 3.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

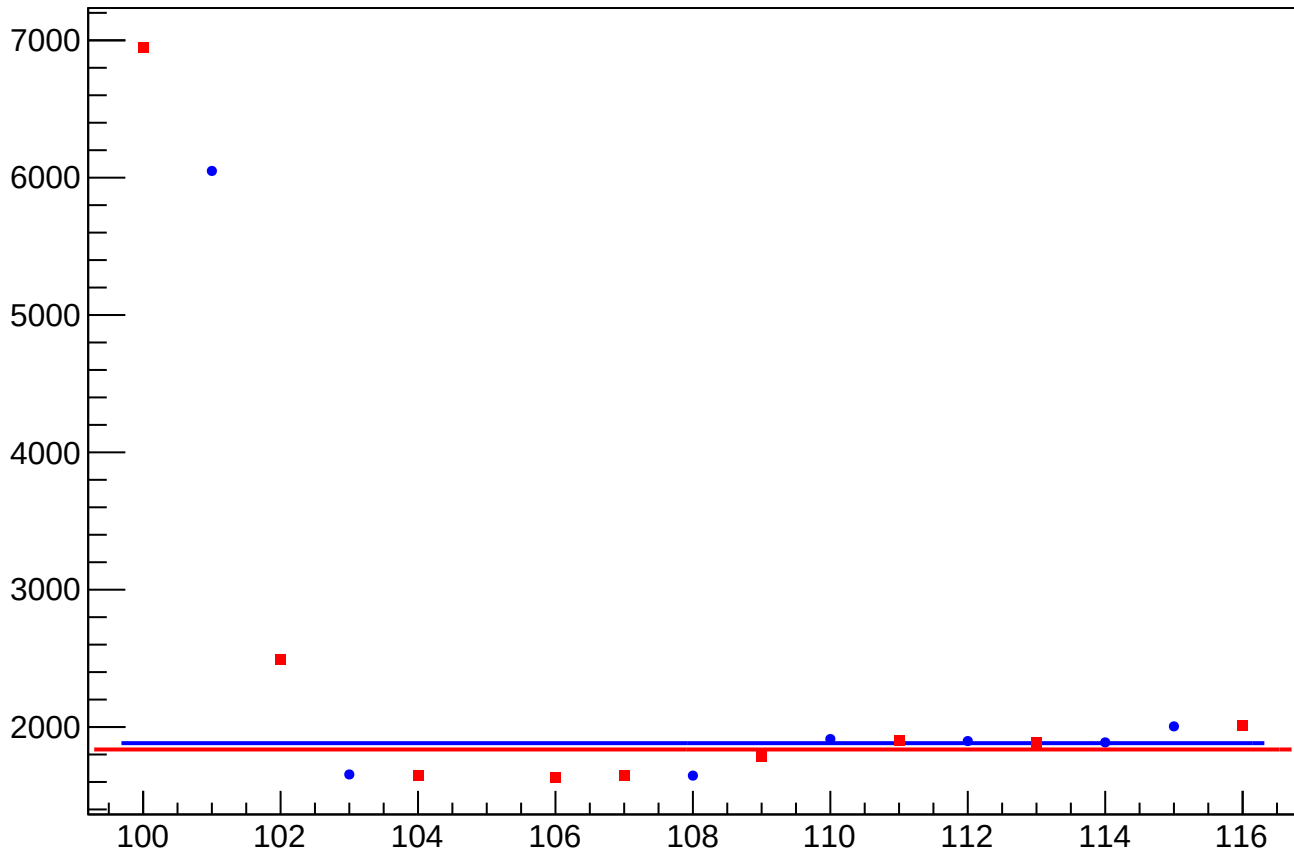
Right: 1854.153+/-784.002 χ^2/NDF : 8.0/15

In: 2574.730+/-1201.274 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.153+/-784.002 χ^2/NDF : 8.0/15

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1882.604+/-0.849 χ^2/NDF : 662738.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1836.606+/-0.726 χ^2/NDF : 175761.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

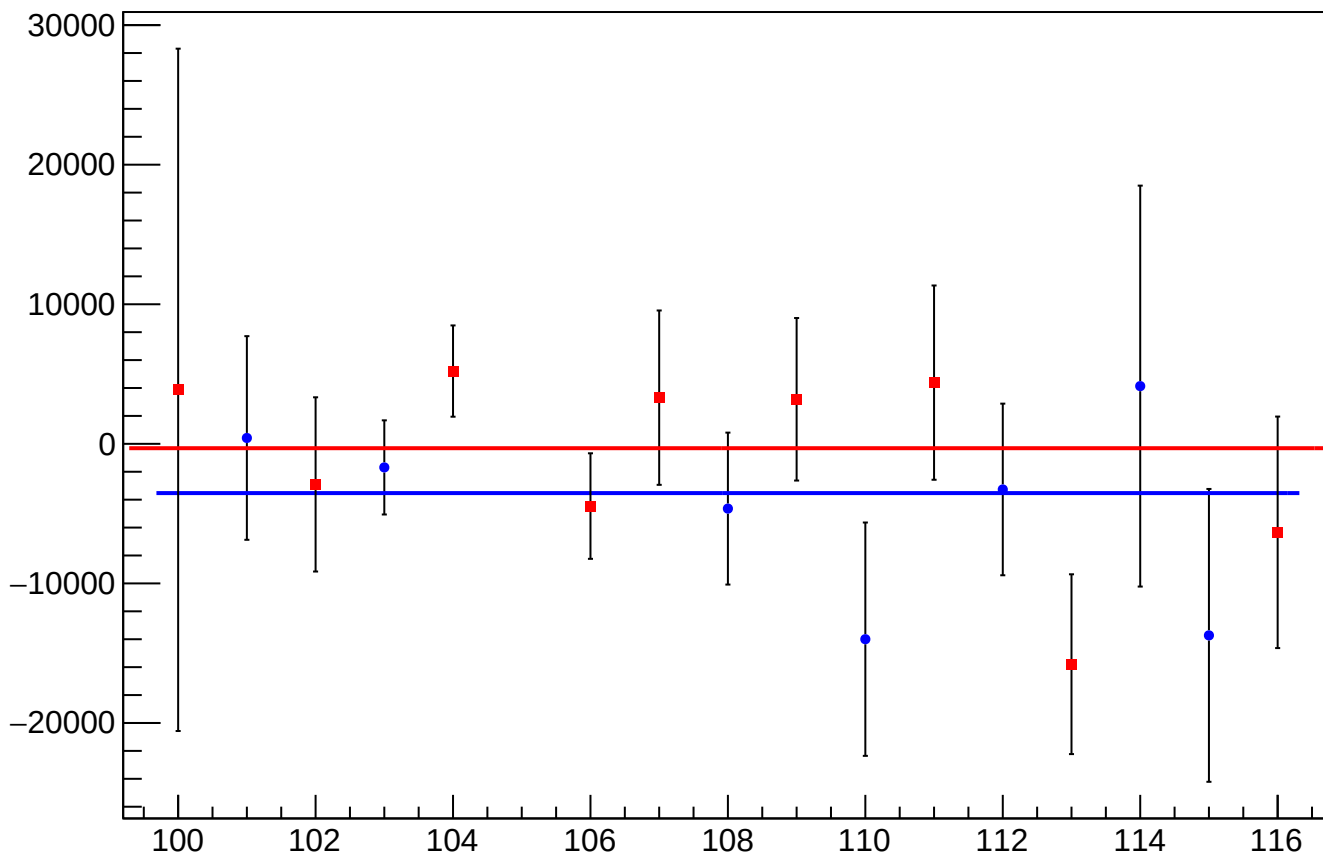
Right: 1856.034+/-0.552 χ^2/NDF : 840193.9/15

In: 1882.604+/-0.849 χ^2/NDF : 662738.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.034+/-0.552 χ^2/NDF : 840193.9/15

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3529.025+/-2263.751 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -312.902+/-1809.978 χ^2/NDF : 11.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

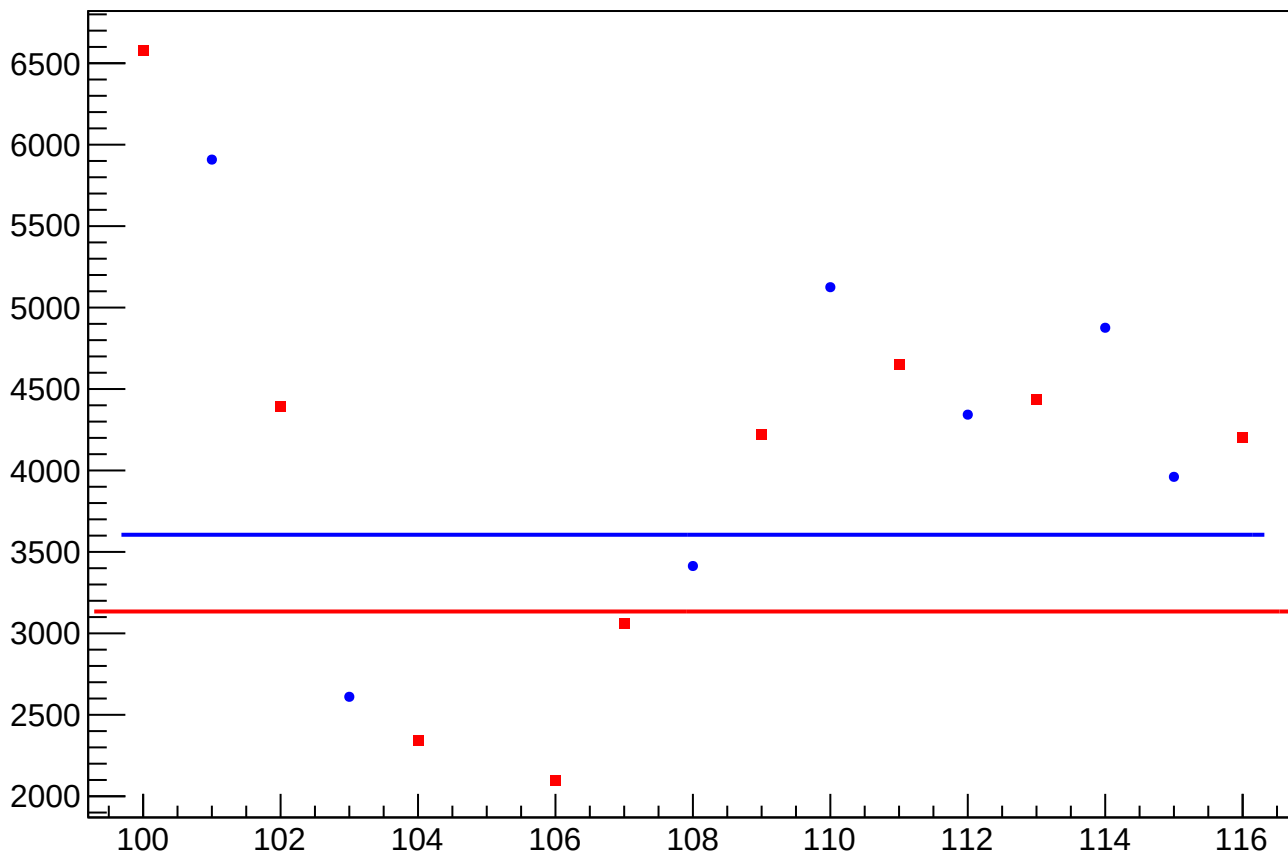
Right: -1567.110+/-1413.667 χ^2/NDF : 16.4/15

In: -3529.025+/-2263.751 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1567.110+/-1413.667 χ^2/NDF : 16.4/15

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3605.344+/-1.601 χ^2/NDF : 488569.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3134.291+/-1.280 χ^2/NDF : 668962.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

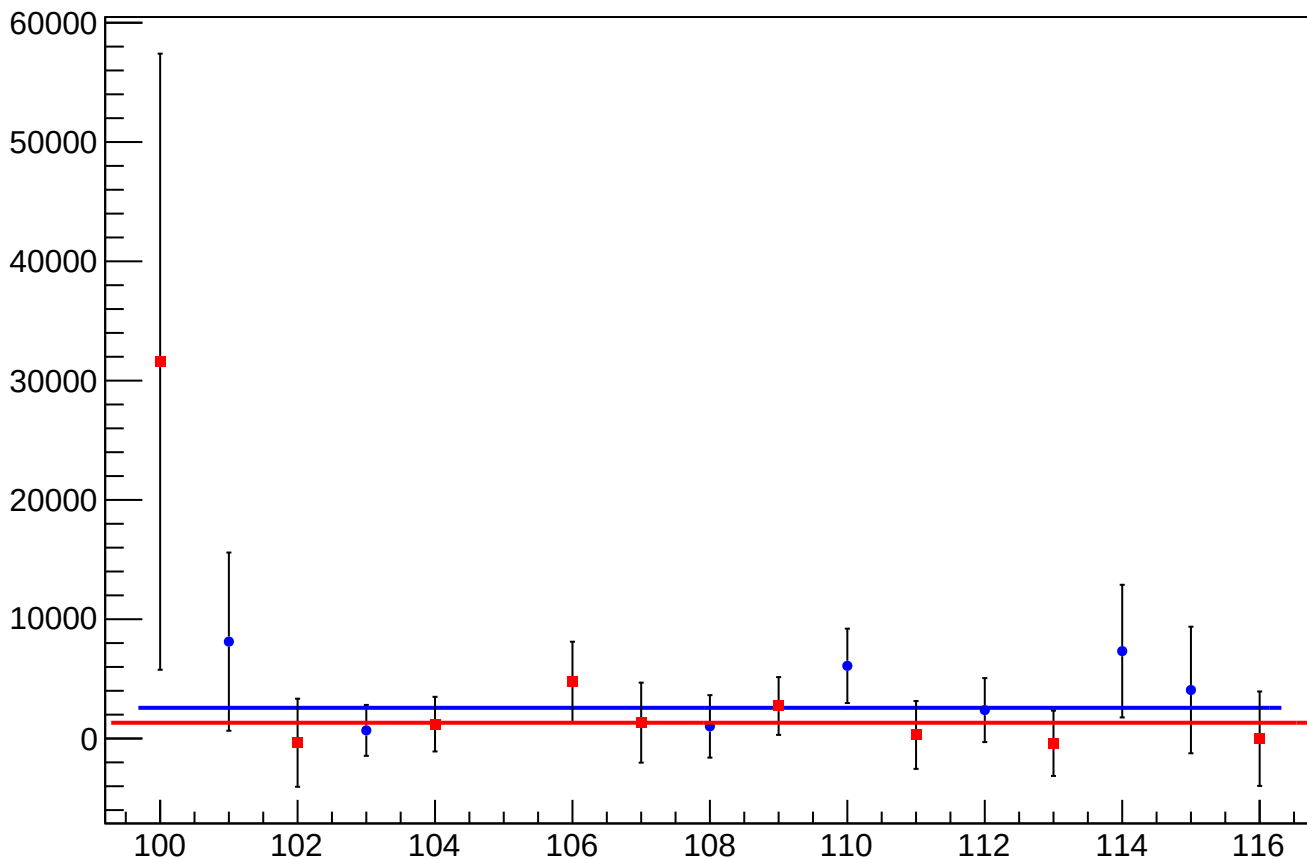
Right: 3317.990+/-1.000 χ^2/NDF : 1210359.9/15

In: 3605.344+/-1.601 χ^2/NDF : 488569.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3317.990+/-1.000 χ^2/NDF : 1210359.9/15

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2572.952+/-1201.276 χ^2 /NDF: 3.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1322.083+/-1034.773 χ^2 /NDF: 3.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

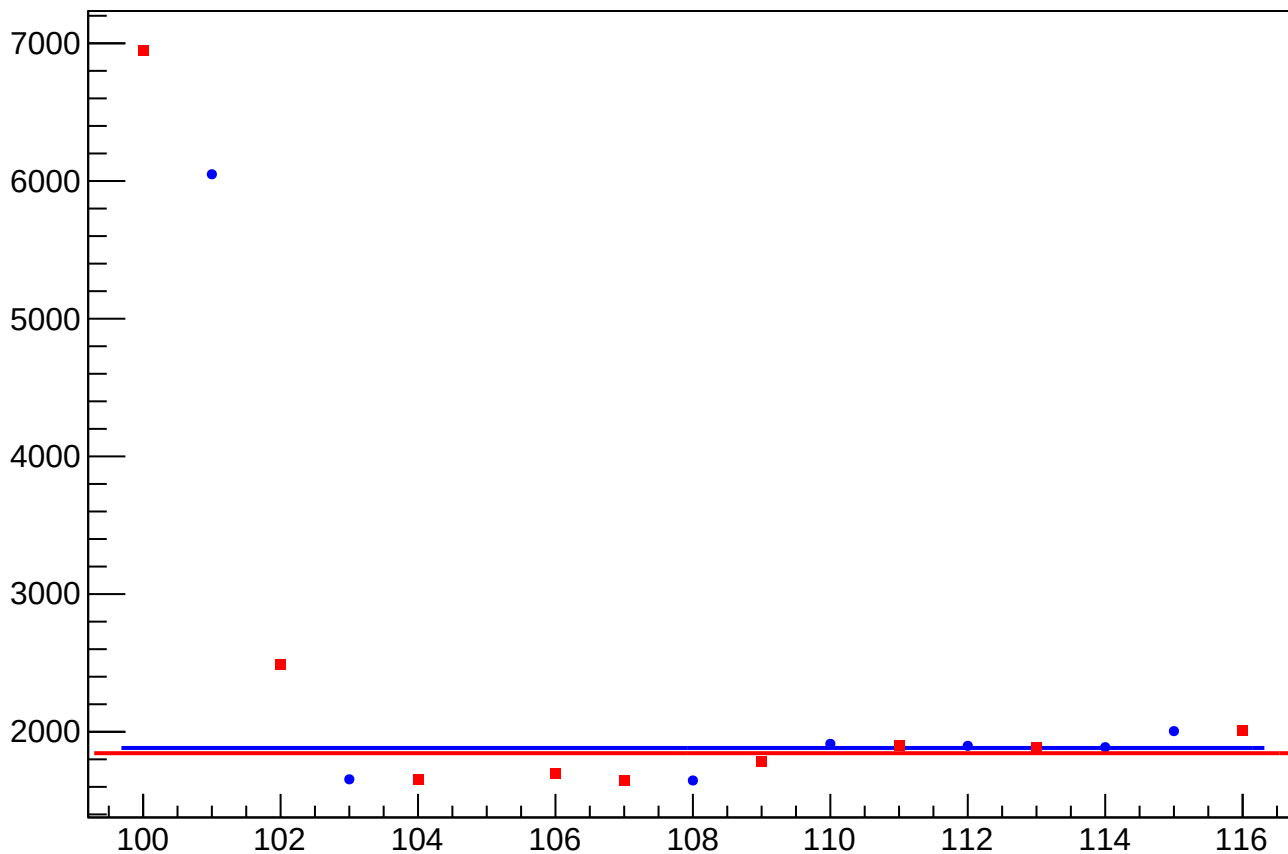
Right: 1854.888+/-784.009 χ^2 /NDF: 8.0/15

In: 2572.952+/-1201.276 χ^2 /NDF:3.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1854.888+/-784.009 χ^2 /NDF: 8.0/15

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1882.605+/-0.849 χ^2/NDF : 662737.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.586+/-0.729 χ^2/NDF : 170900.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

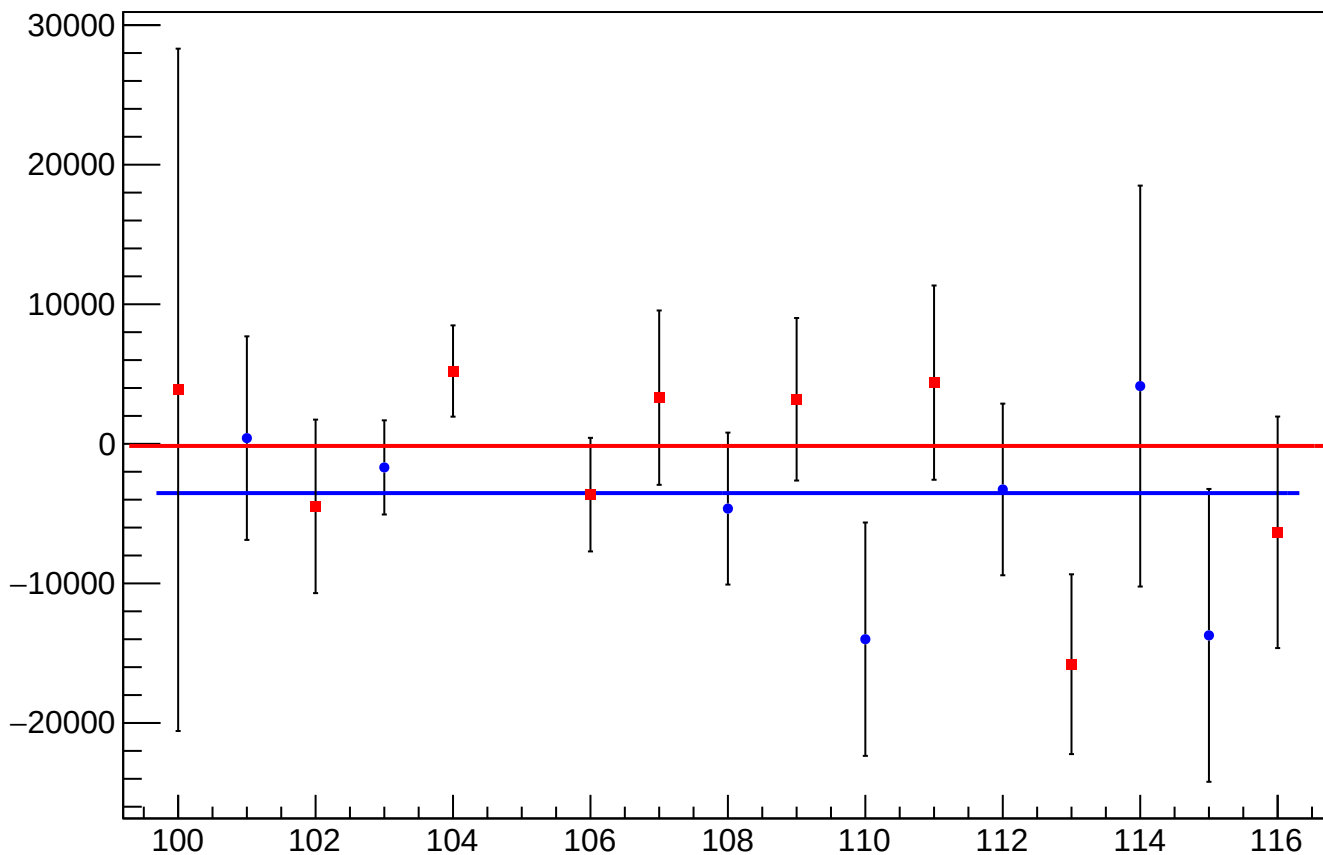
Right: 1860.718+/-0.553 χ^2/NDF : 834791.8/15

In: 1882.605+/-0.849 χ^2/NDF : 662737.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.718+/-0.553 χ^2/NDF : 834791.8/15

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3529.798+/-2263.759 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.944+/-1838.298 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

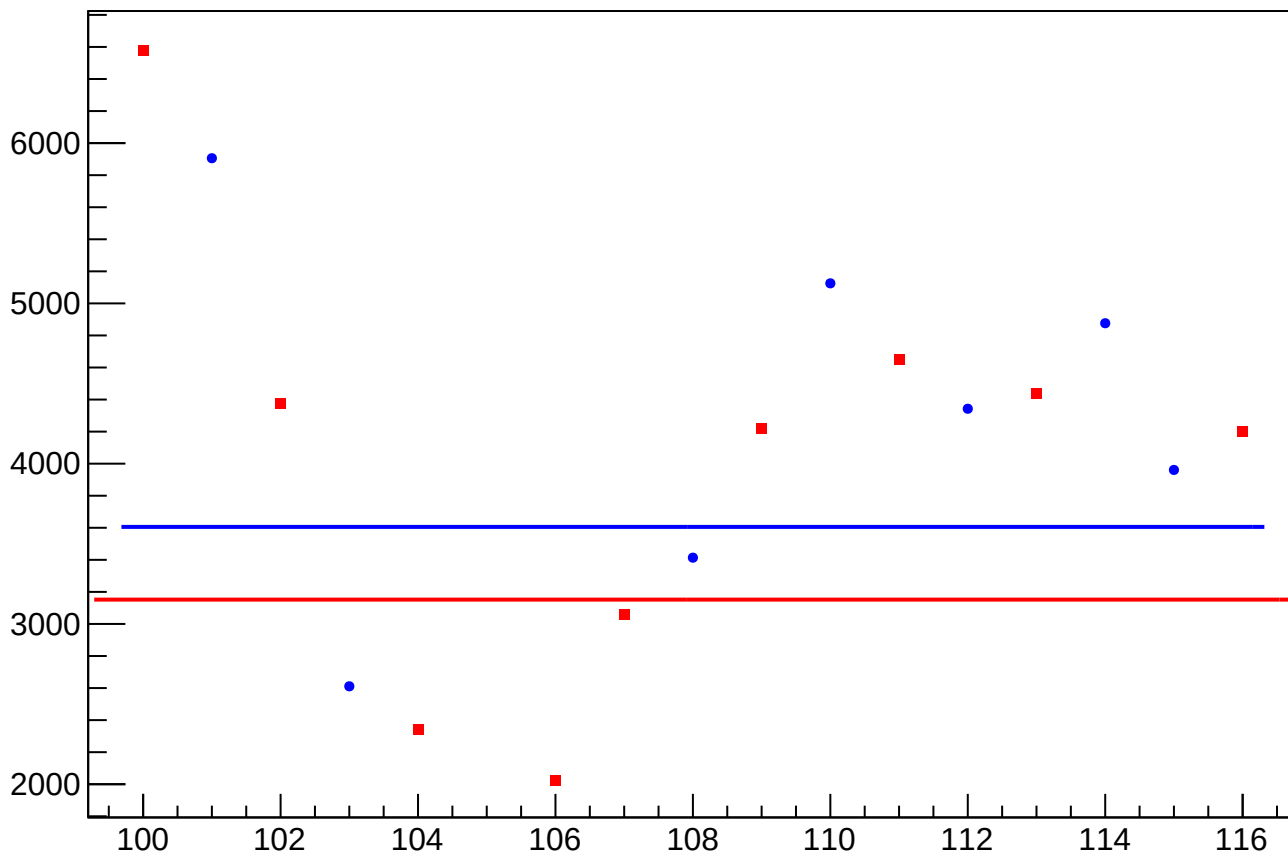
Right: -1493.650+/-1427.039 χ^2/NDF : 16.2/15

In: -3529.798+/-2263.759 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1493.650+/-1427.039 χ^2/NDF : 16.2/15

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3605.531+/-1.601 χ^2/NDF : 488141.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3151.840+/-1.300 χ^2/NDF : 665135.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

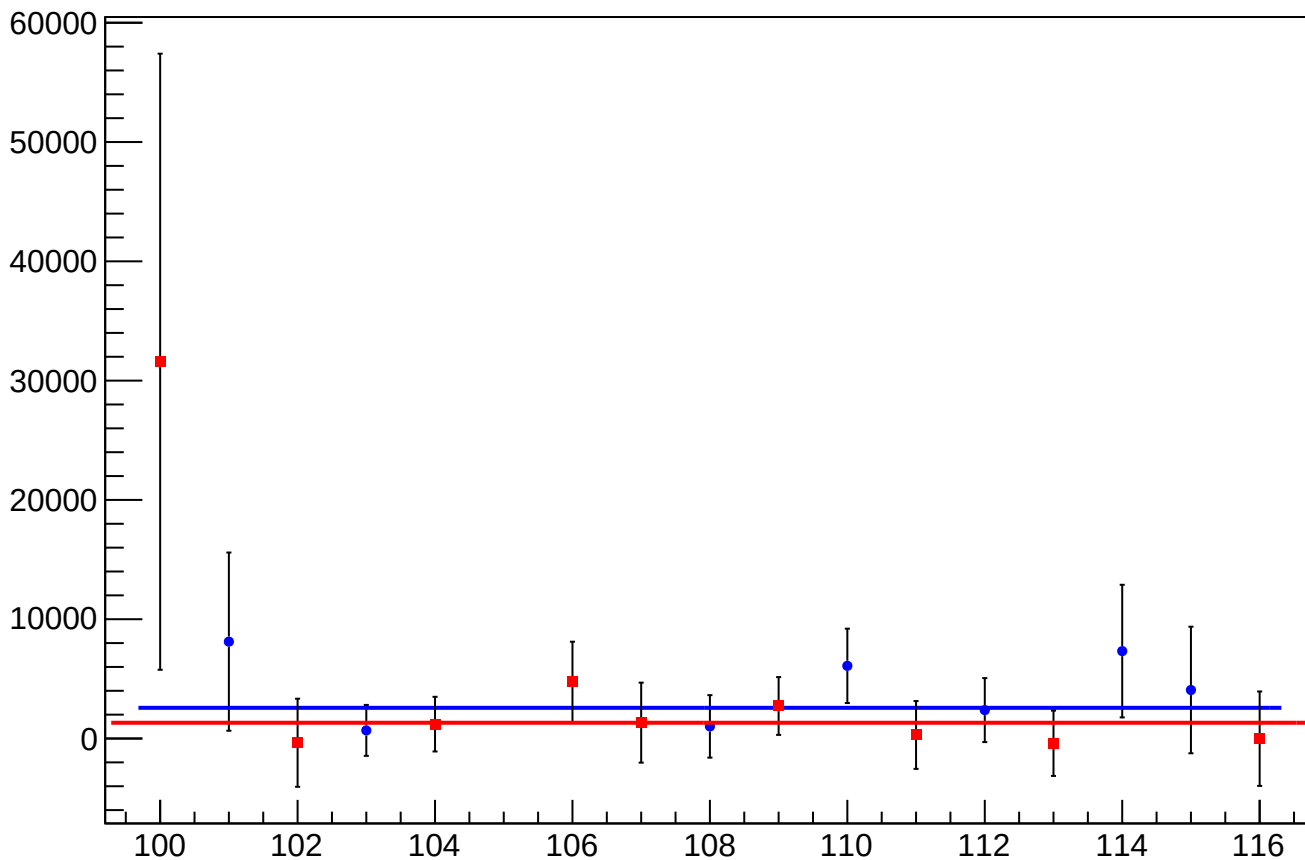
Right: 3332.130+/-1.009 χ^2/NDF : 1201686.5/15

In: 3605.531+/-1.601 χ^2/NDF : 488141.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3332.130+/-1.009 χ^2/NDF : 1201686.5/15

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2572.952+/-1201.276 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1322.083+/-1034.773 χ^2/NDF : 3.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

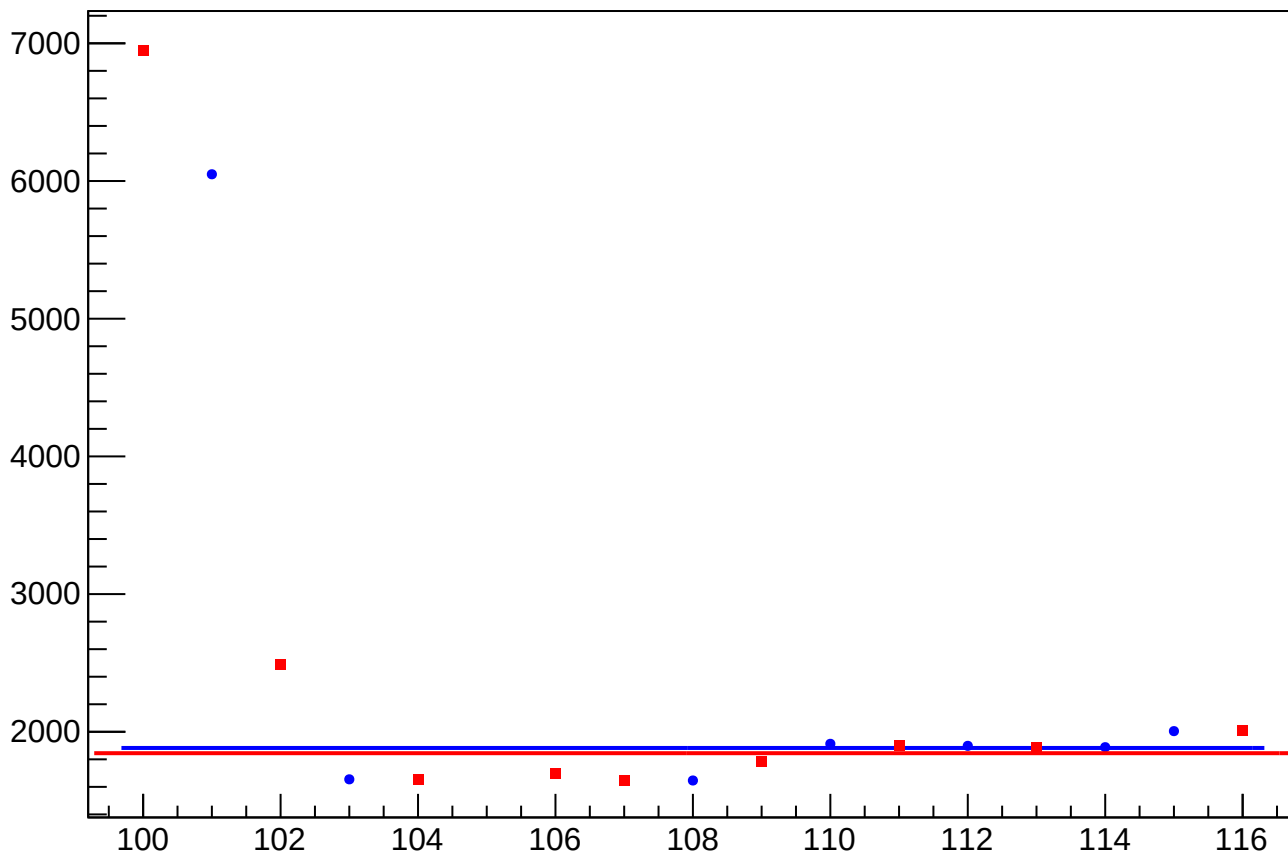
Right: 1854.888+/-784.009 χ^2/NDF : 8.0/15

In: 2572.952+/-1201.276 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.888+/-784.009 χ^2/NDF : 8.0/15

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1882.605+/-0.849 χ^2/NDF : 662737.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.586+/-0.729 χ^2/NDF : 170900.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

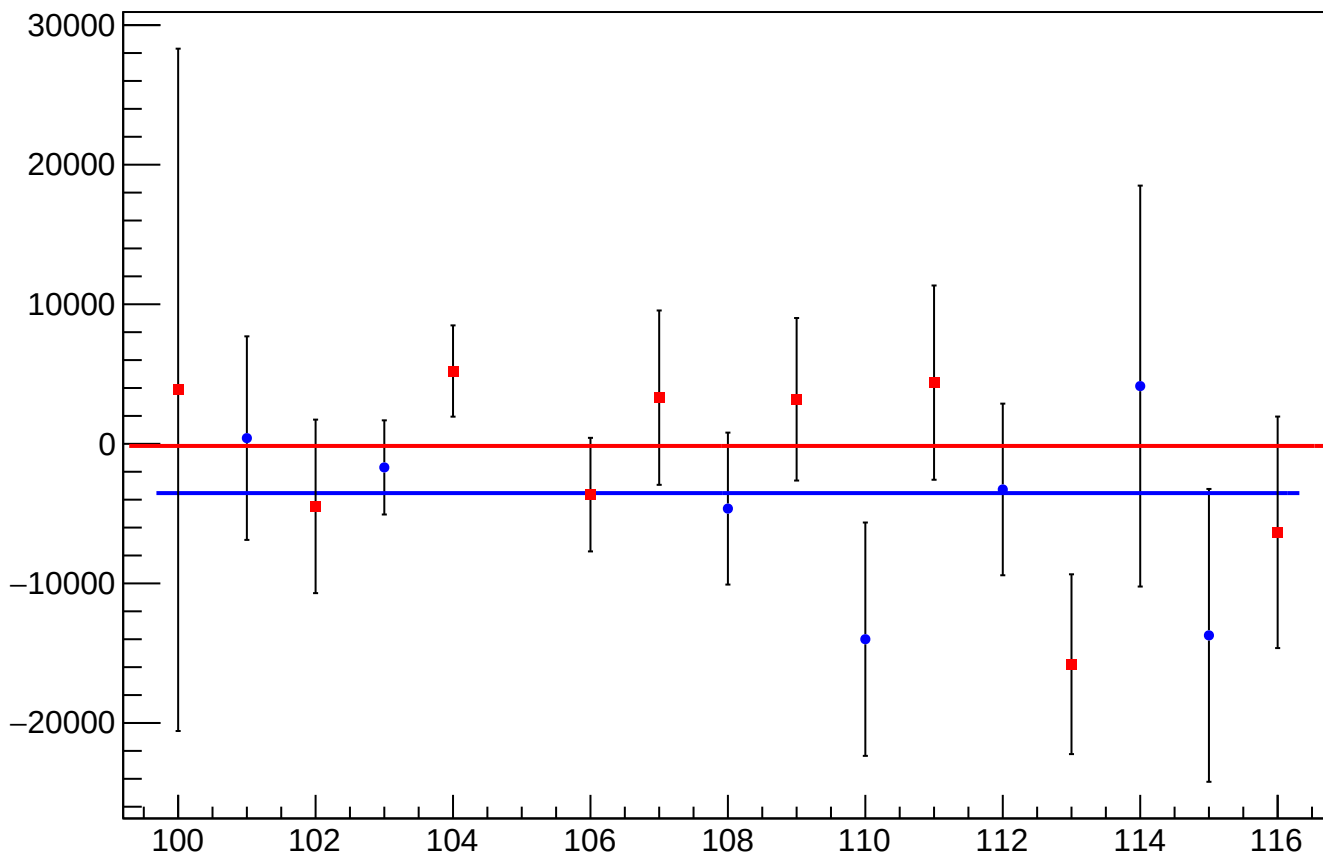
Right: 1860.718+/-0.553 χ^2/NDF : 834791.8/15

In: 1882.605+/-0.849 χ^2/NDF : 662737.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.718+/-0.553 χ^2/NDF : 834791.8/15

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3529.798+/-2263.759 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.944+/-1838.298 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

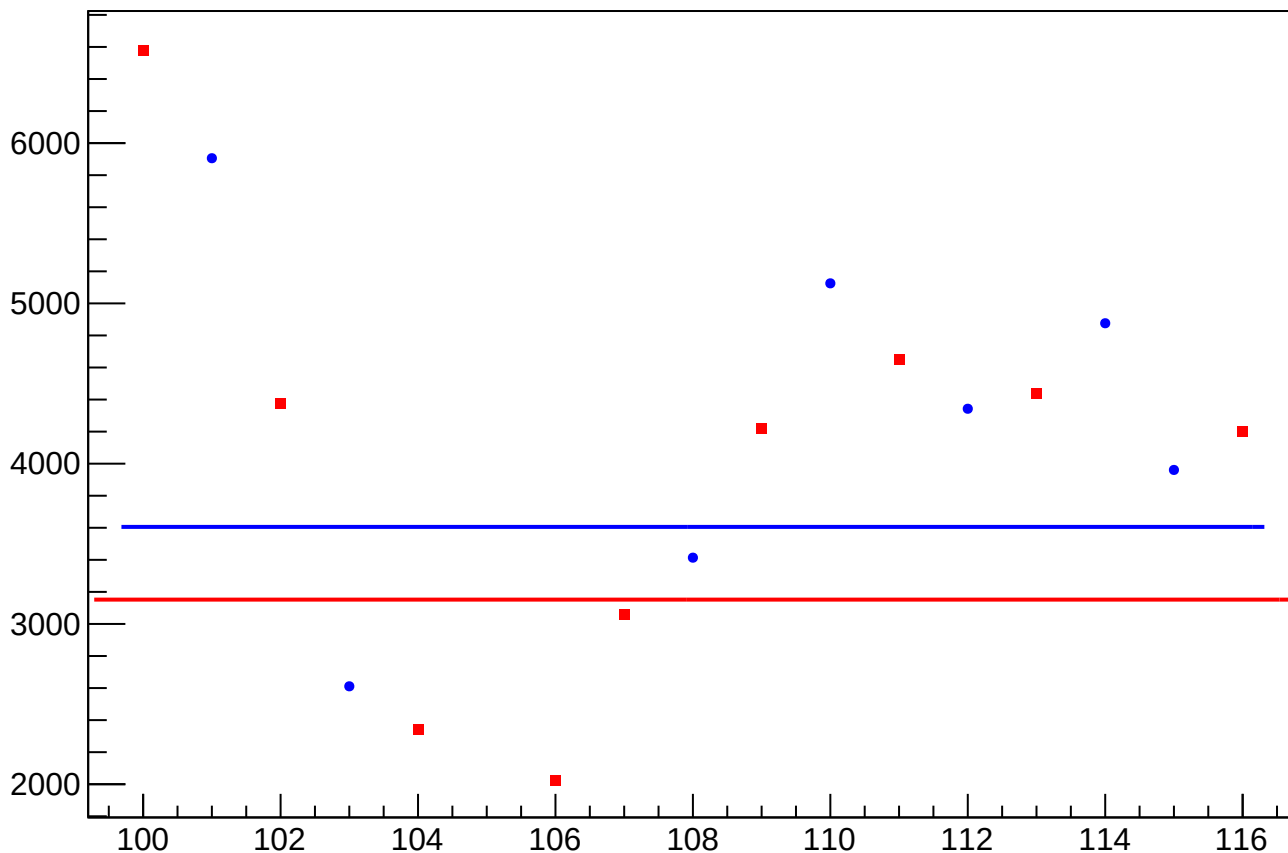
Right: -1493.650+/-1427.039 χ^2/NDF : 16.2/15

In: -3529.798+/-2263.759 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1493.650+/-1427.039 χ^2/NDF : 16.2/15

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3605.531+/-1.601 χ^2/NDF : 488141.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3151.840+/-1.300 χ^2/NDF : 665135.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

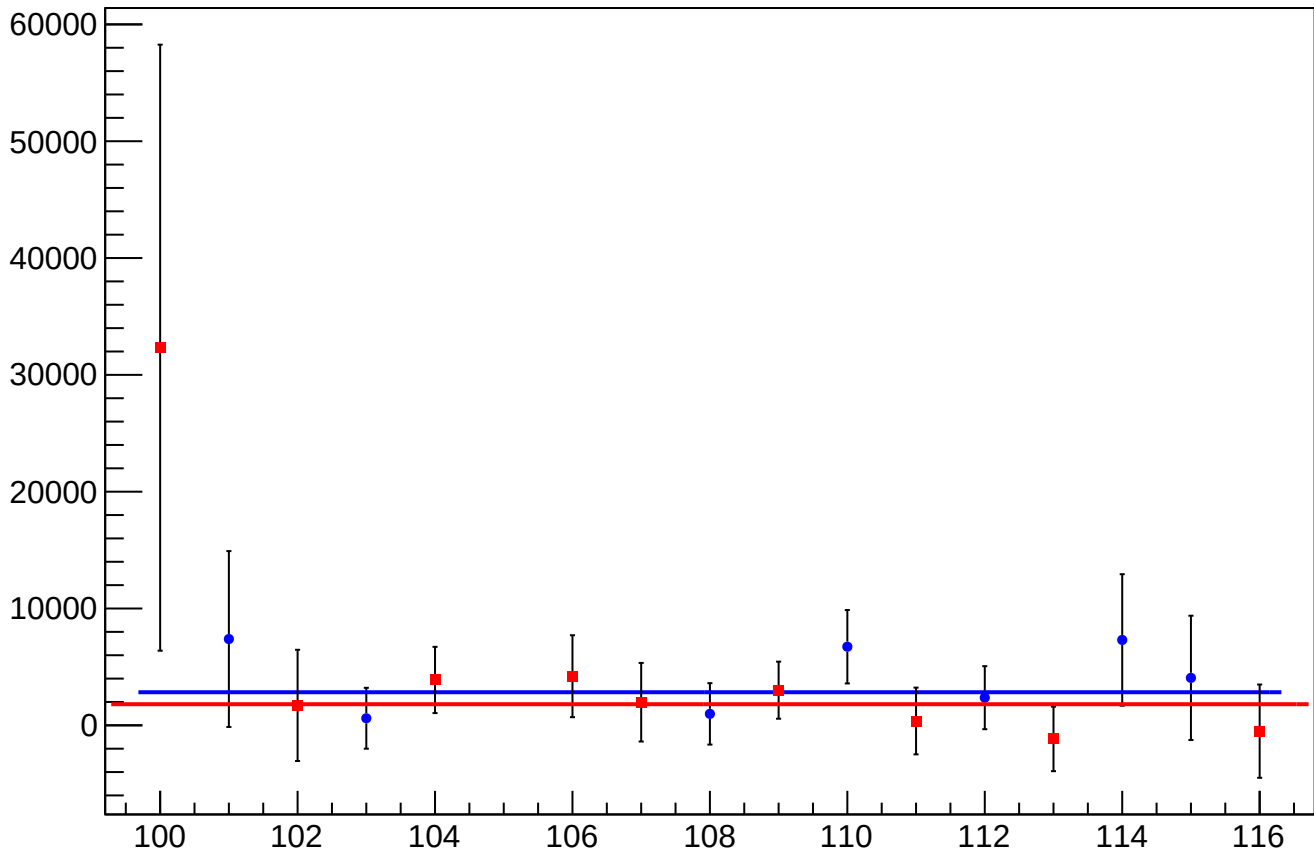
Right: 3332.130+/-1.009 χ^2/NDF : 1201686.5/15

In: 3605.531+/-1.601 χ^2/NDF : 488141.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3332.130+/-1.009 χ^2/NDF : 1201686.5/15

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2832.673+/-1274.998 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.901+/-1101.906 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

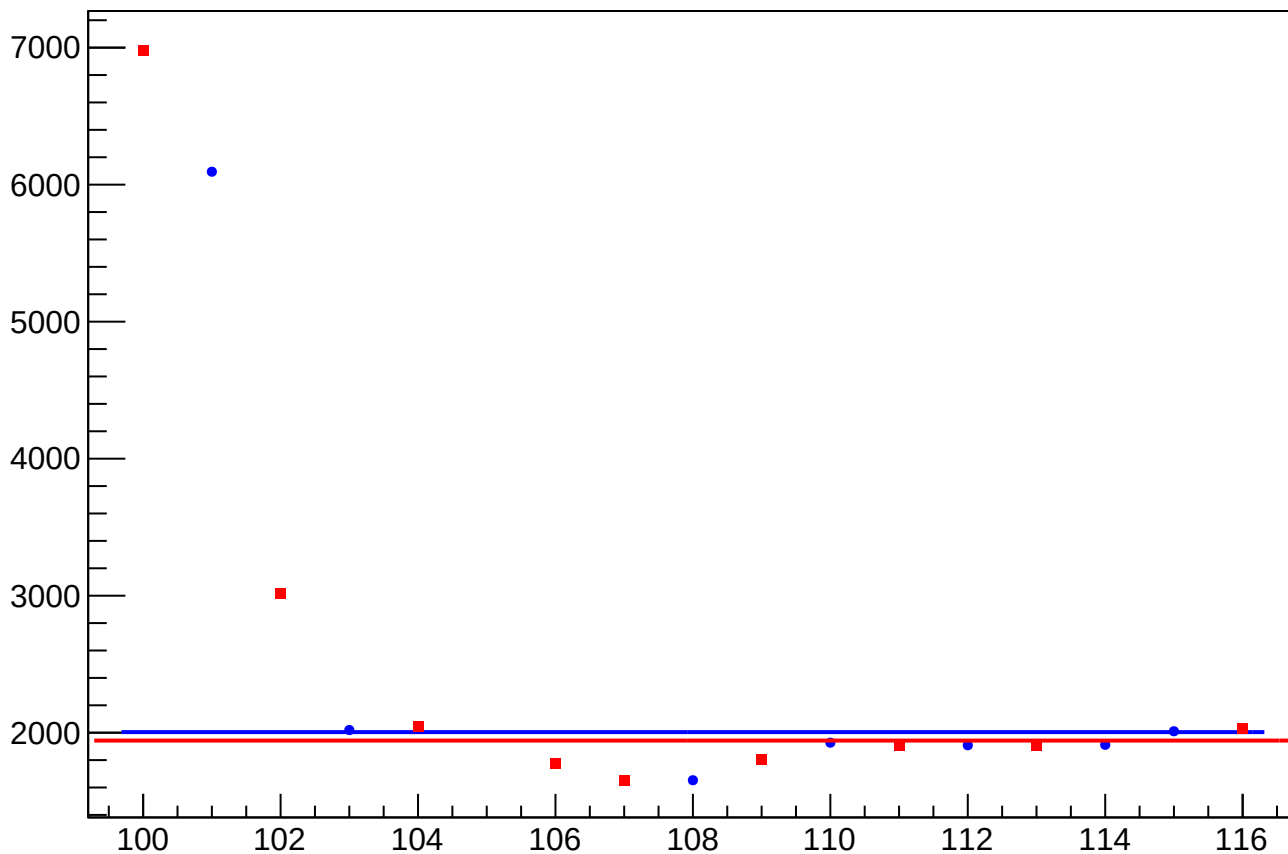
Right: 2245.481+/-833.698 χ^2/NDF : 8.6/15

In: 2832.673+/-1274.998 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2245.481+/-833.698 χ^2/NDF : 8.6/15

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2004.303+/-0.902 χ^2/NDF : 630466.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1942.590+/-0.778 χ^2/NDF : 208208.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

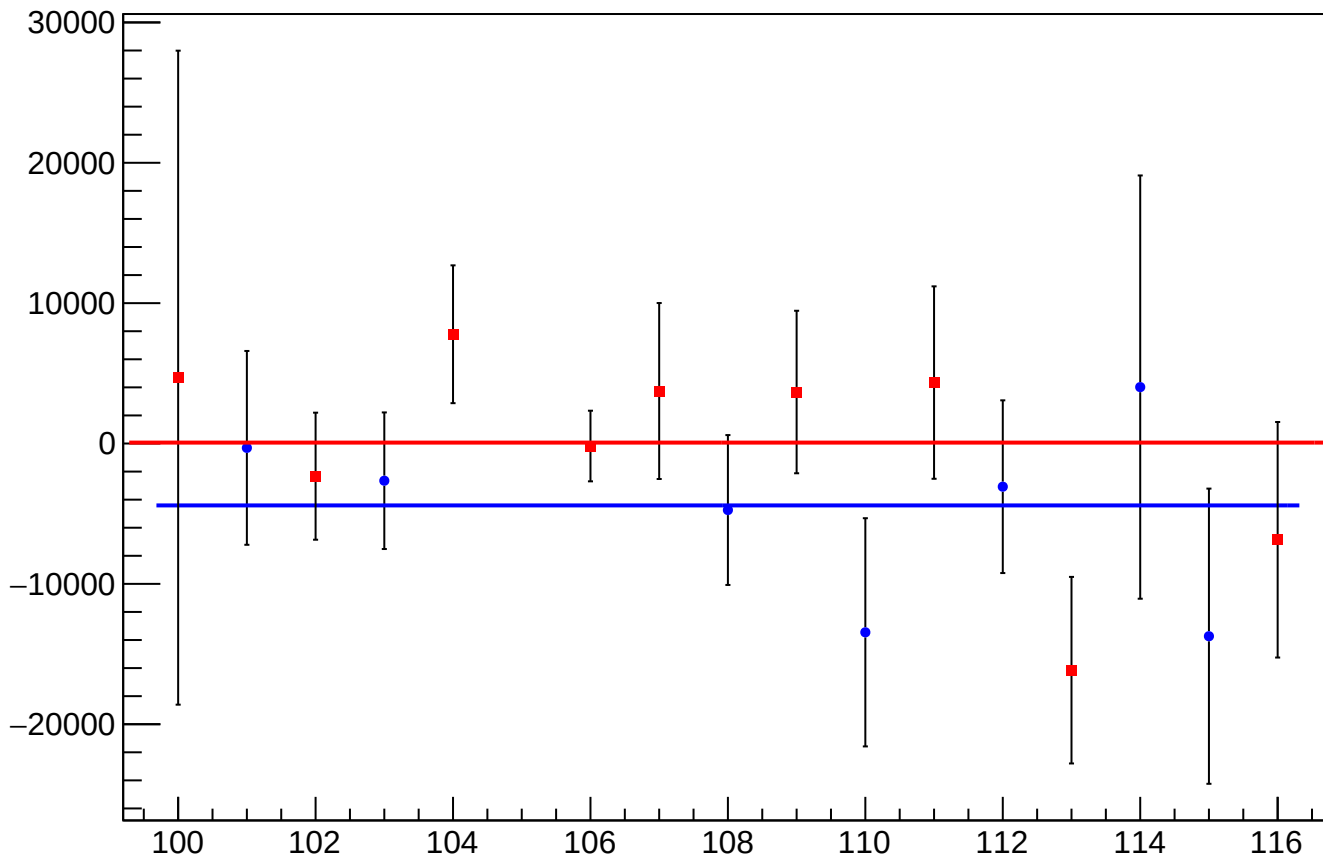
Right: 1968.916+/-0.589 χ^2/NDF : 841361.4/15

In: 2004.303+/-0.902 χ^2/NDF : 630466.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1968.916+/-0.589 χ^2/NDF : 841361.4/15

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4410.291+/-2554.164 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.985+/-1658.625 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

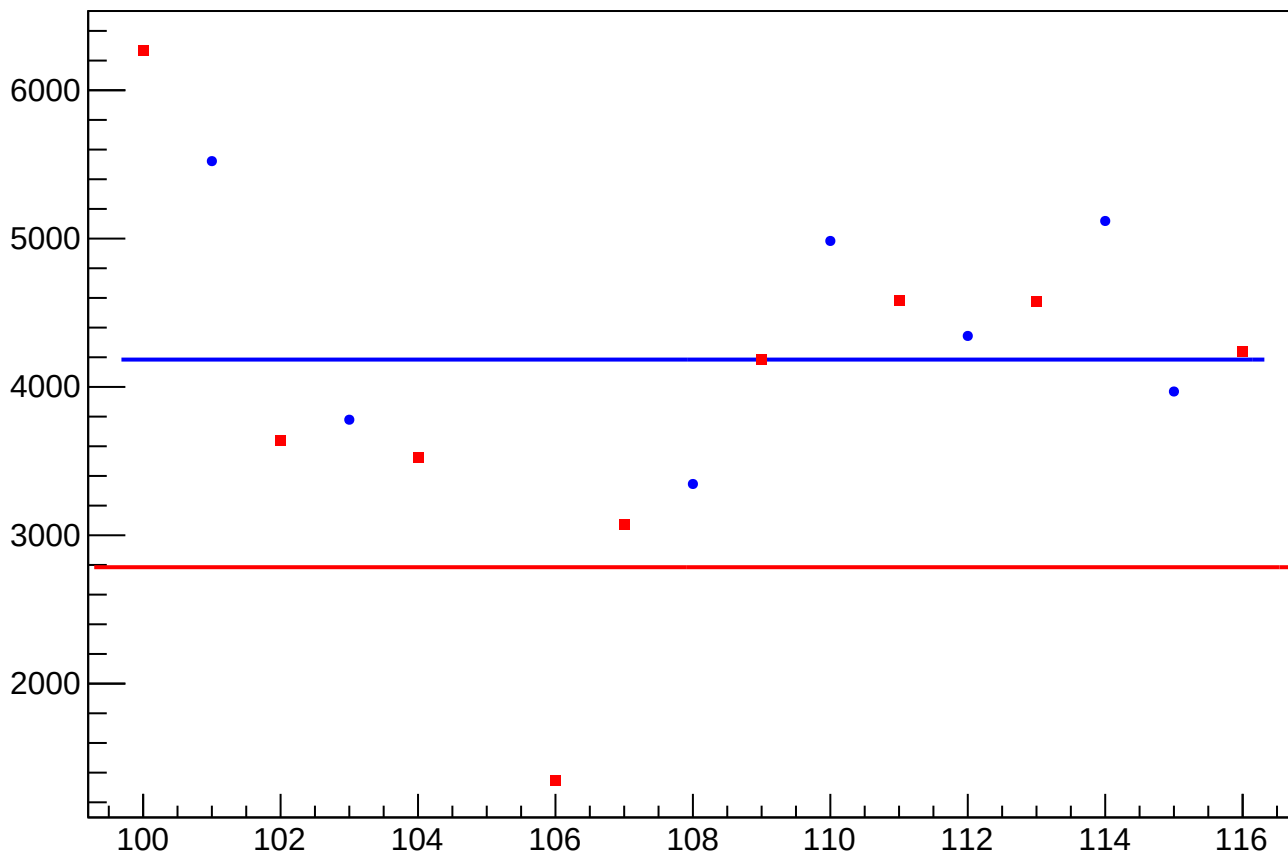
Right: -1262.447+/-1391.057 χ^2/NDF : 15.6/15

In: -4410.291+/-2554.164 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1262.447+/-1391.057 χ^2/NDF : 15.6/15

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4184.411+/-1.806 χ^2/NDF : 167515.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2784.794+/-1.173 χ^2/NDF : 1277645.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

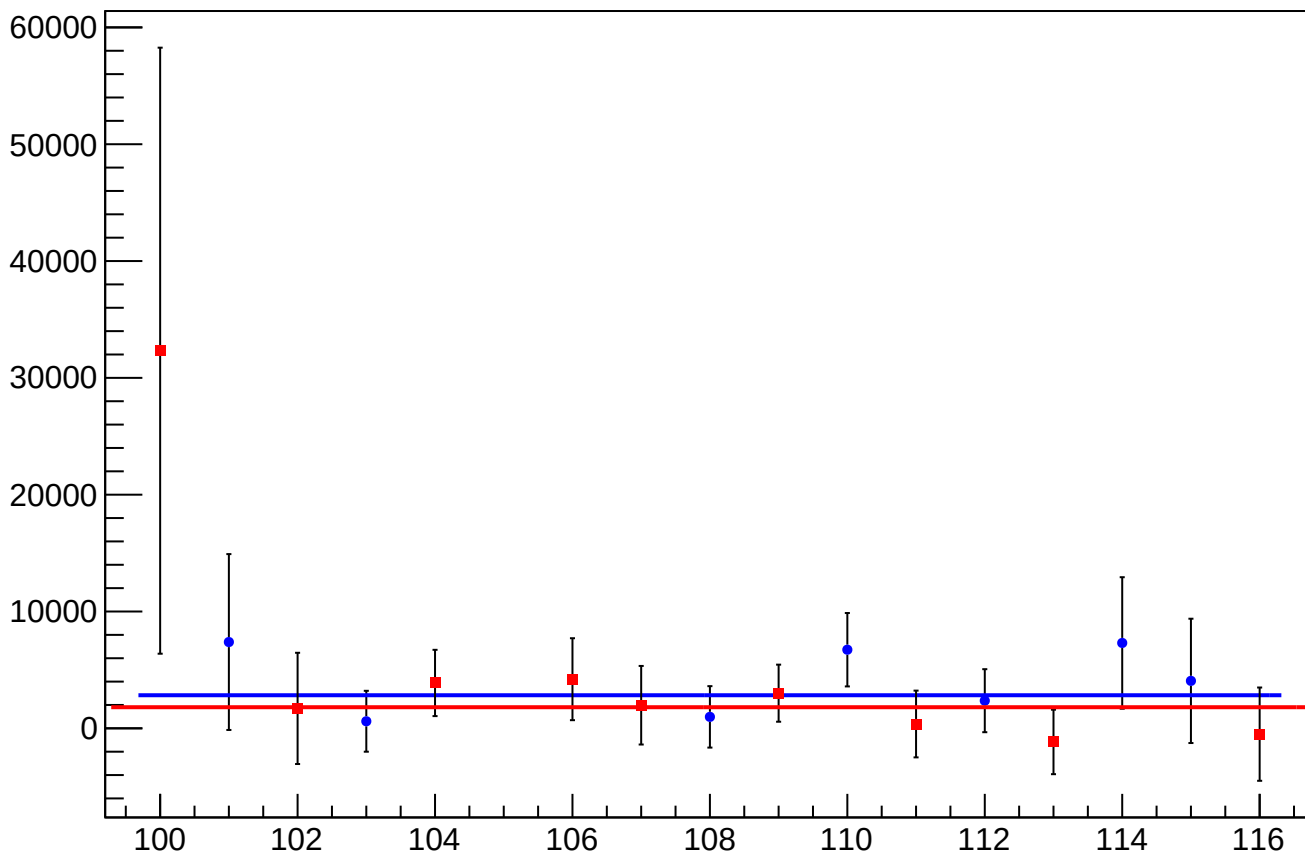
Right: 3199.941+/-0.984 χ^2/NDF : 1867581.4/15

In: 4184.411+/-1.806 χ^2/NDF : 167515.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3199.941+/-0.984 χ^2/NDF : 1867581.4/15

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2832.678+/-1274.998 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.905+/-1101.906 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

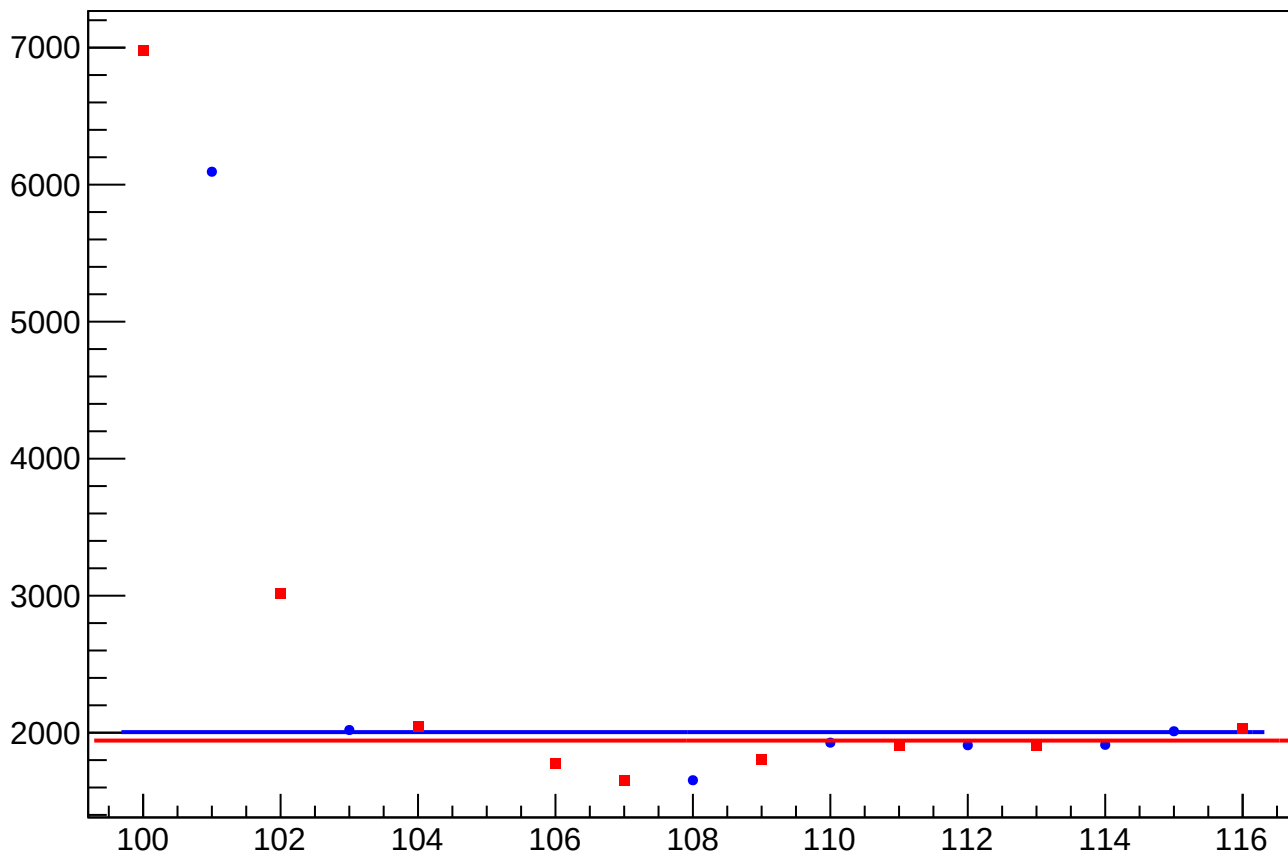
Right: 2245.486+/-833.698 χ^2/NDF : 8.6/15

In: 2832.678+/-1274.998 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2245.486+/-833.698 χ^2/NDF : 8.6/15

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2004.302+/-0.902 χ^2/NDF : 630466.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1942.589+/-0.778 χ^2/NDF : 208208.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

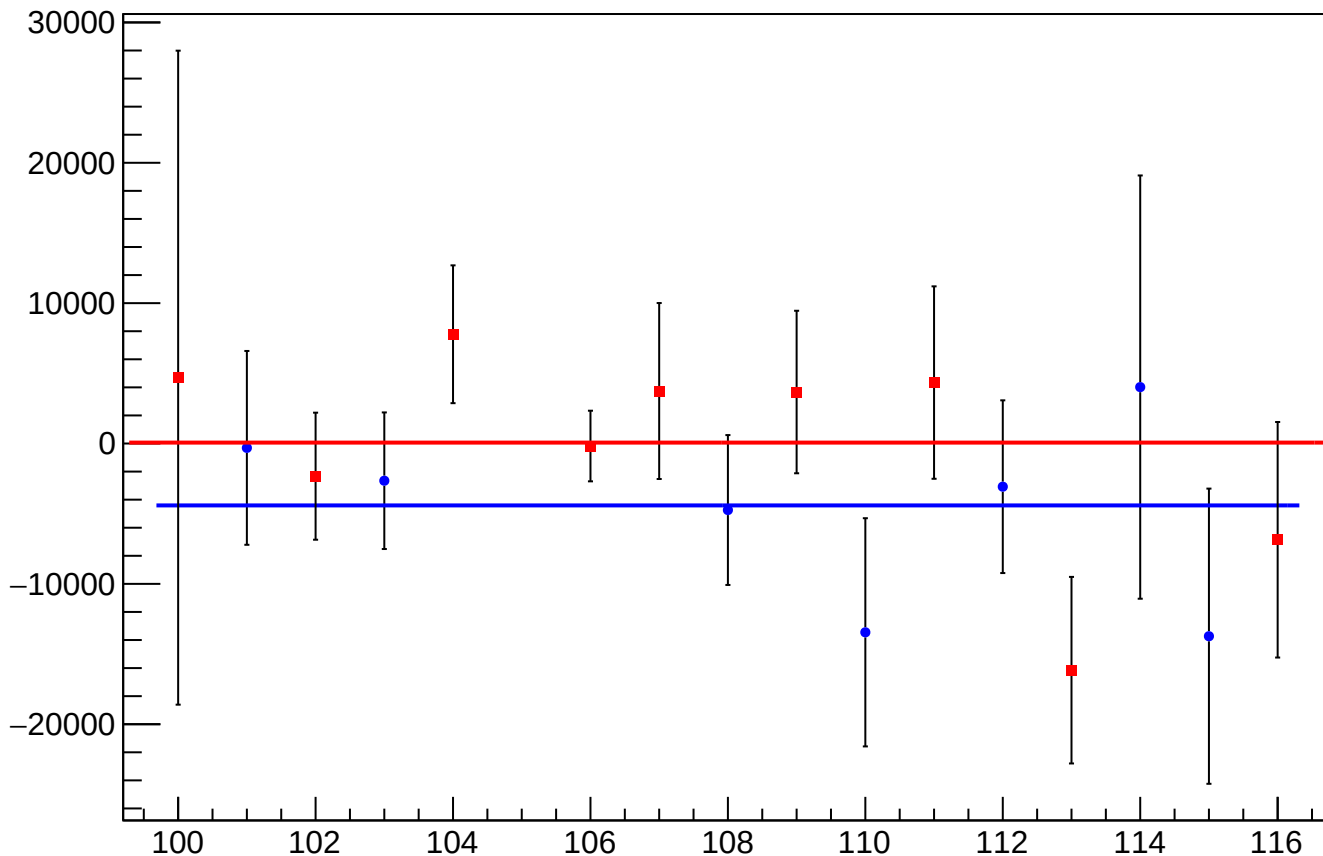
Right: 1968.916+/-0.589 χ^2/NDF : 841361.0/15

In: 2004.302+/-0.902 χ^2/NDF : 630466.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1968.916+/-0.589 χ^2/NDF : 841361.0/15

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4410.292+/-2554.162 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.982+/-1658.622 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

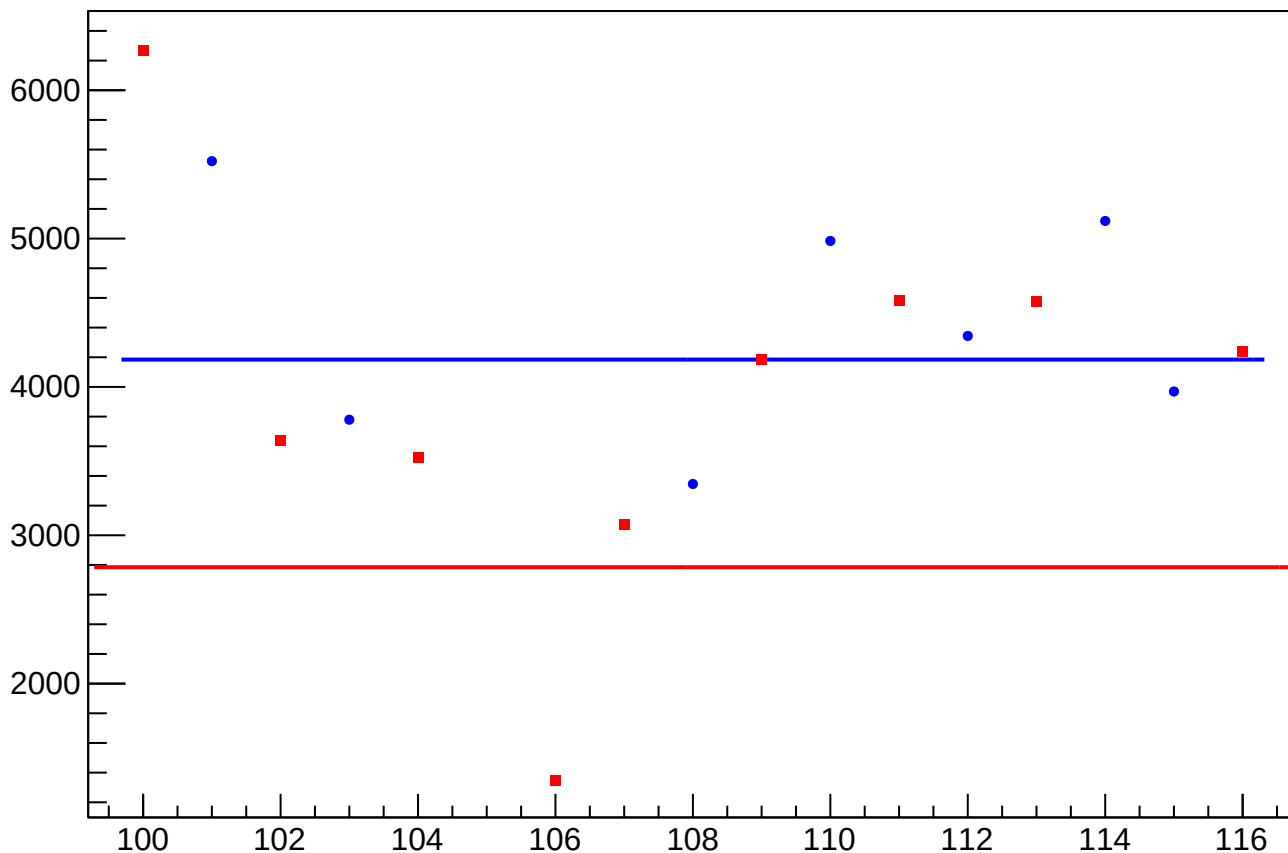
Right: -1262.447+/-1391.055 χ^2/NDF : 15.6/15

In: -4410.292+/-2554.162 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1262.447+/-1391.055 χ^2/NDF : 15.6/15

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4184.409+/-1.806 χ^2/NDF : 167513.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2784.787+/-1.173 χ^2/NDF : 1277650.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

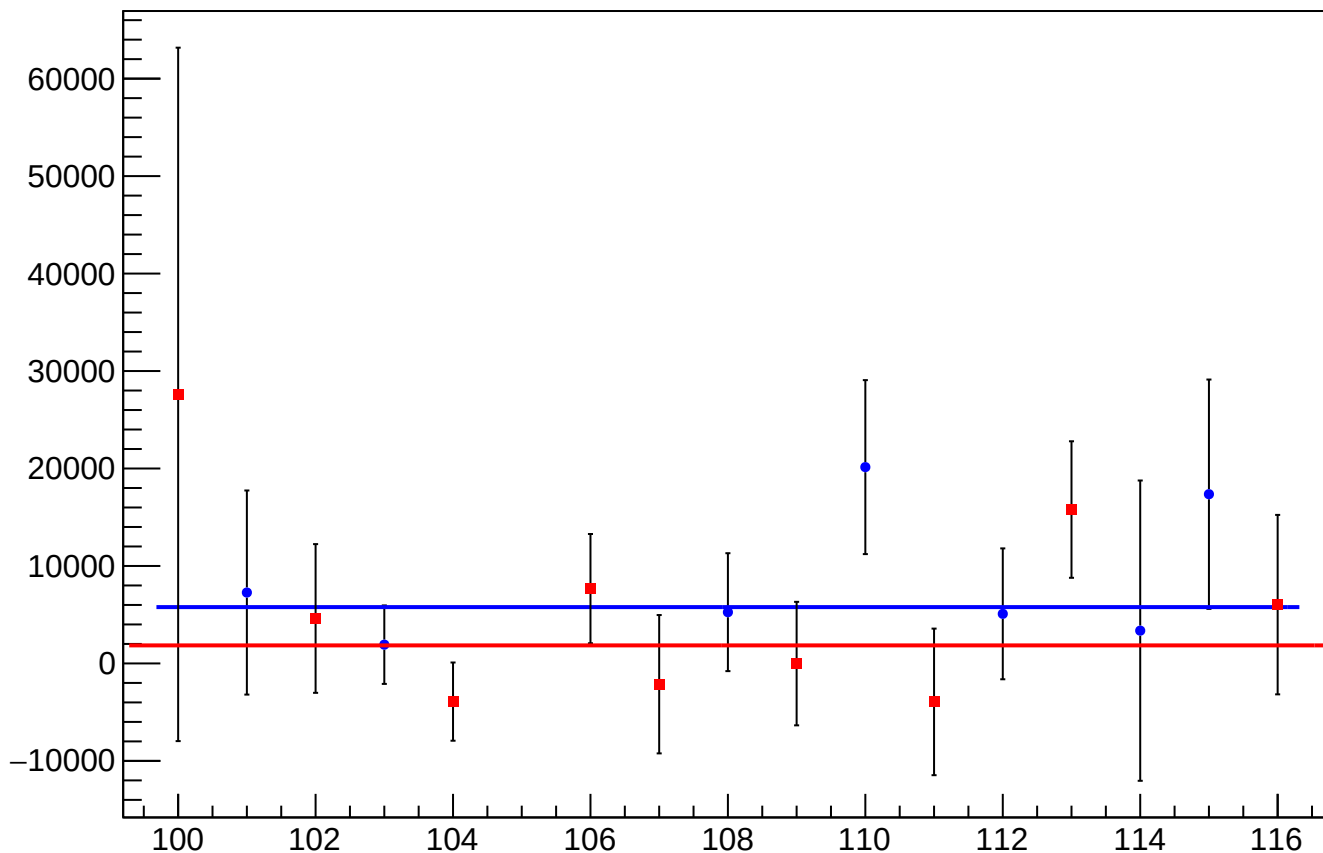
Right: 3199.934+/-0.984 χ^2/NDF : 1867587.6/15

In: 4184.409+/-1.806 χ^2/NDF : 167513.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3199.934+/-0.984 χ^2/NDF : 1867587.6/15

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5779.681+/-2632.027 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1851.370+/-2200.418 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

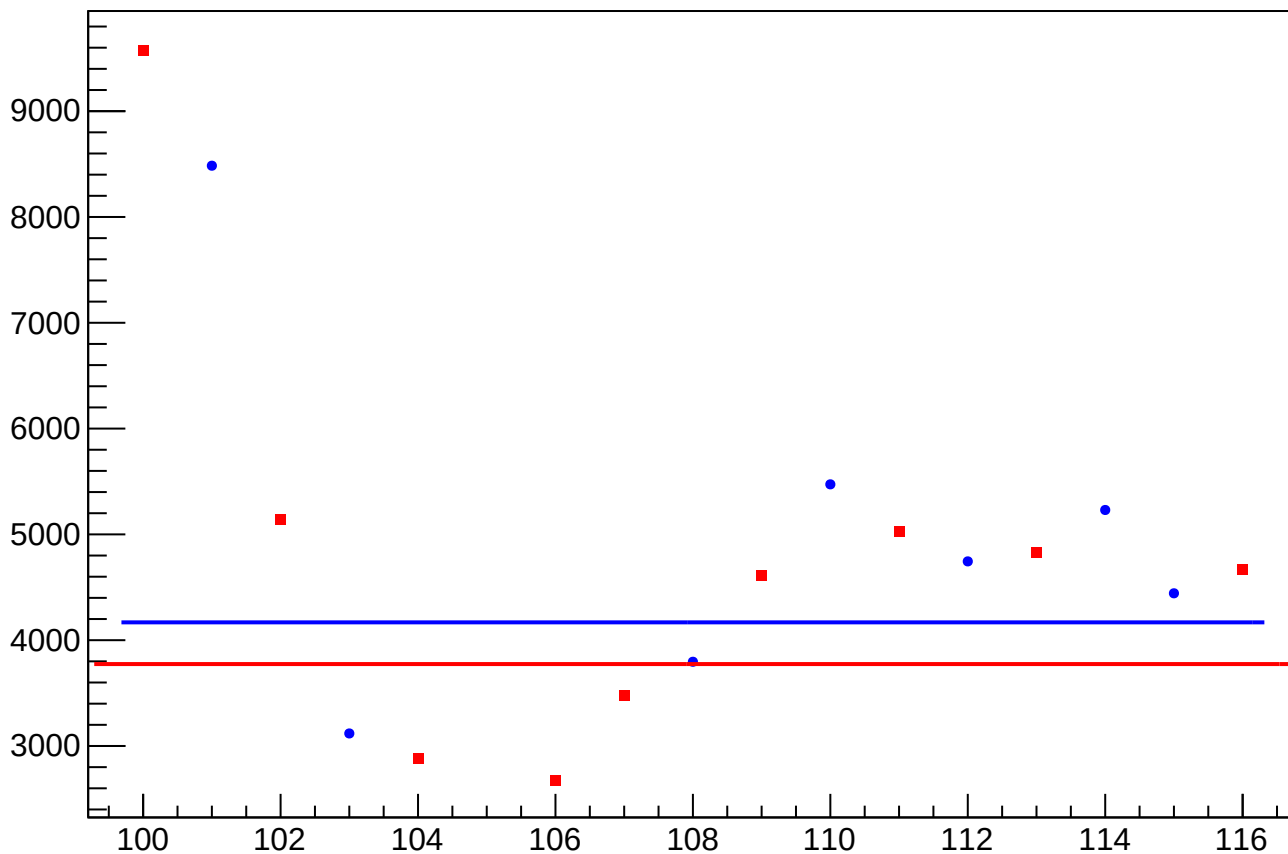
Right: 3467.446+/-1688.178 χ^2/NDF : 14.8/15

In: 5779.681+/-2632.027 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3467.446+/-1688.178 χ^2/NDF : 14.8/15

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4168.504+/-1.861 χ^2/NDF : 551575.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3774.308+/-1.533 χ^2/NDF : 465730.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

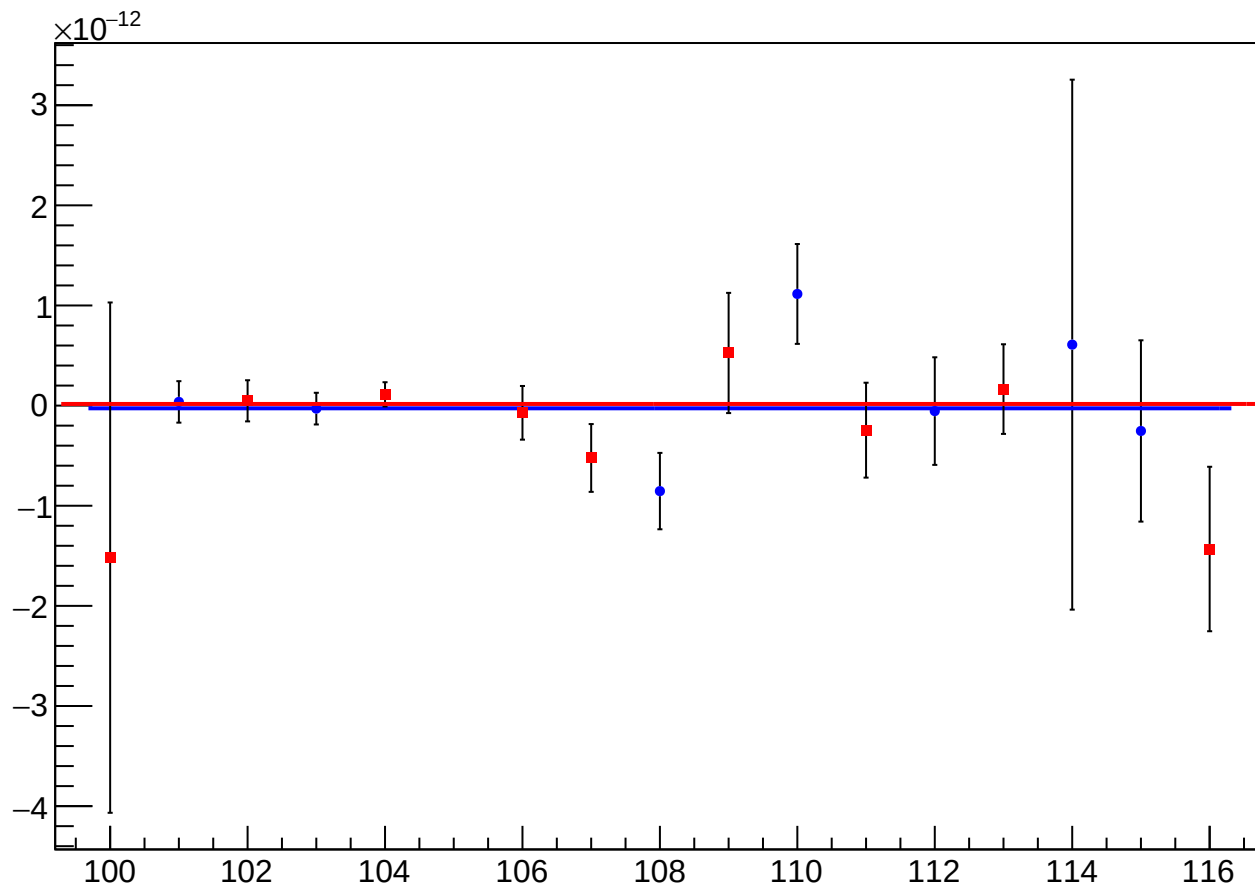
Right: 3933.629+/-1.183 χ^2/NDF : 1044036.5/15

In: 4168.504+/-1.861 χ^2/NDF : 551575.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3933.629+/-1.183 χ^2/NDF : 1044036.5/15

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

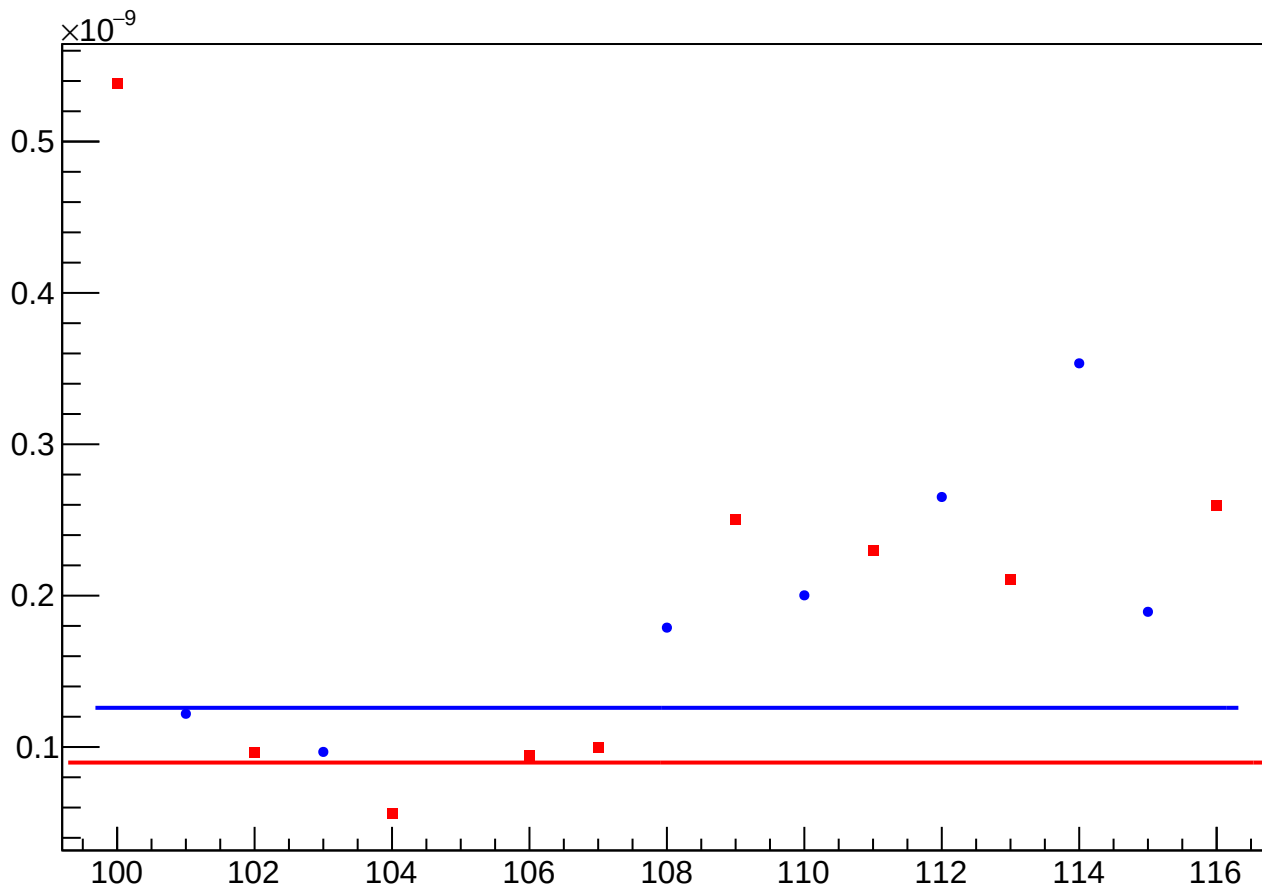
Right: -0.000+/-0.000 χ^2/NDF : 18.2/15

In: -0.000+/-0.000 χ^2/NDF : 10.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/15

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 310494.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 771231.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

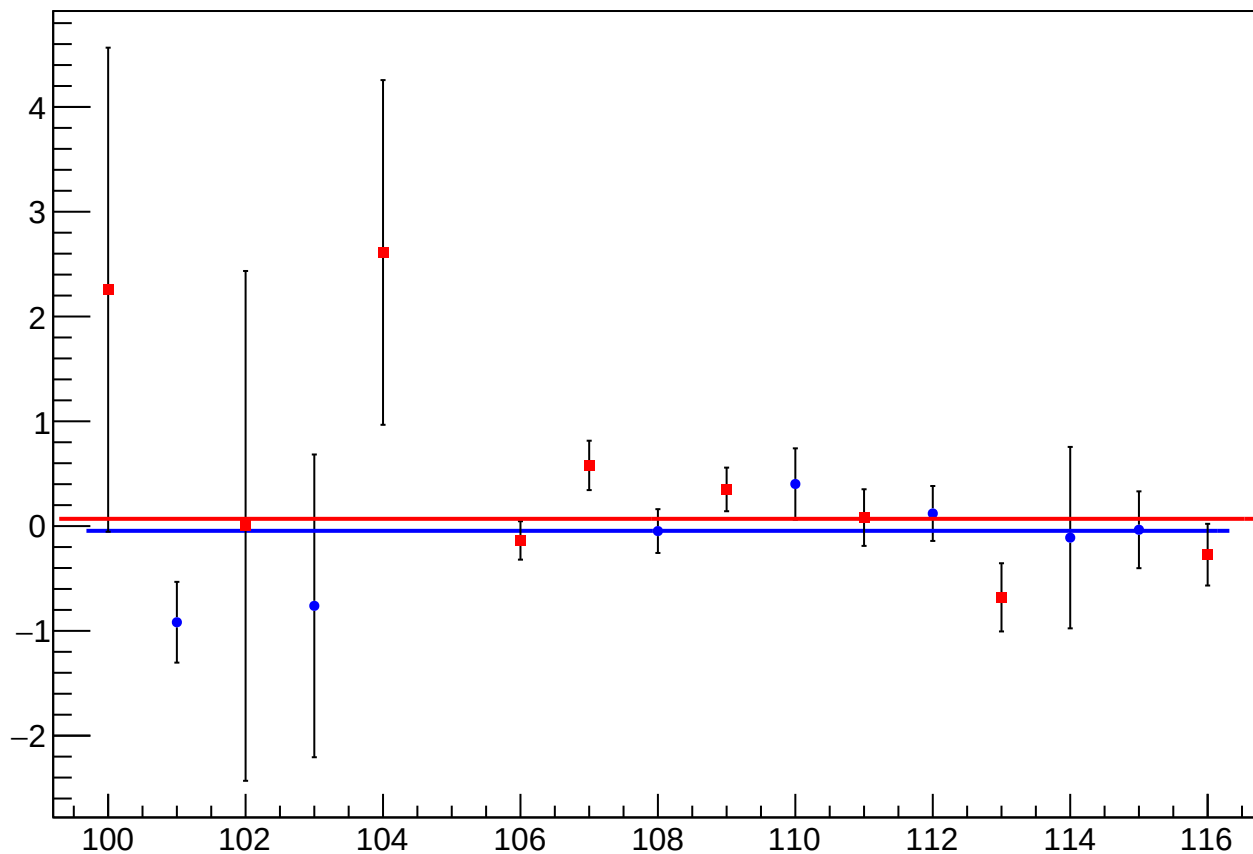
Right: 0.000+/-0.000 χ^2/NDF : 1209739.2/15

In: 0.000+/-0.000 χ^2/NDF : 310494.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1209739.2/15

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 $\pm$ 0.127 χ^2 /NDF: 7.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.069 $\pm$ 0.097 χ^2 /NDF: 17.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

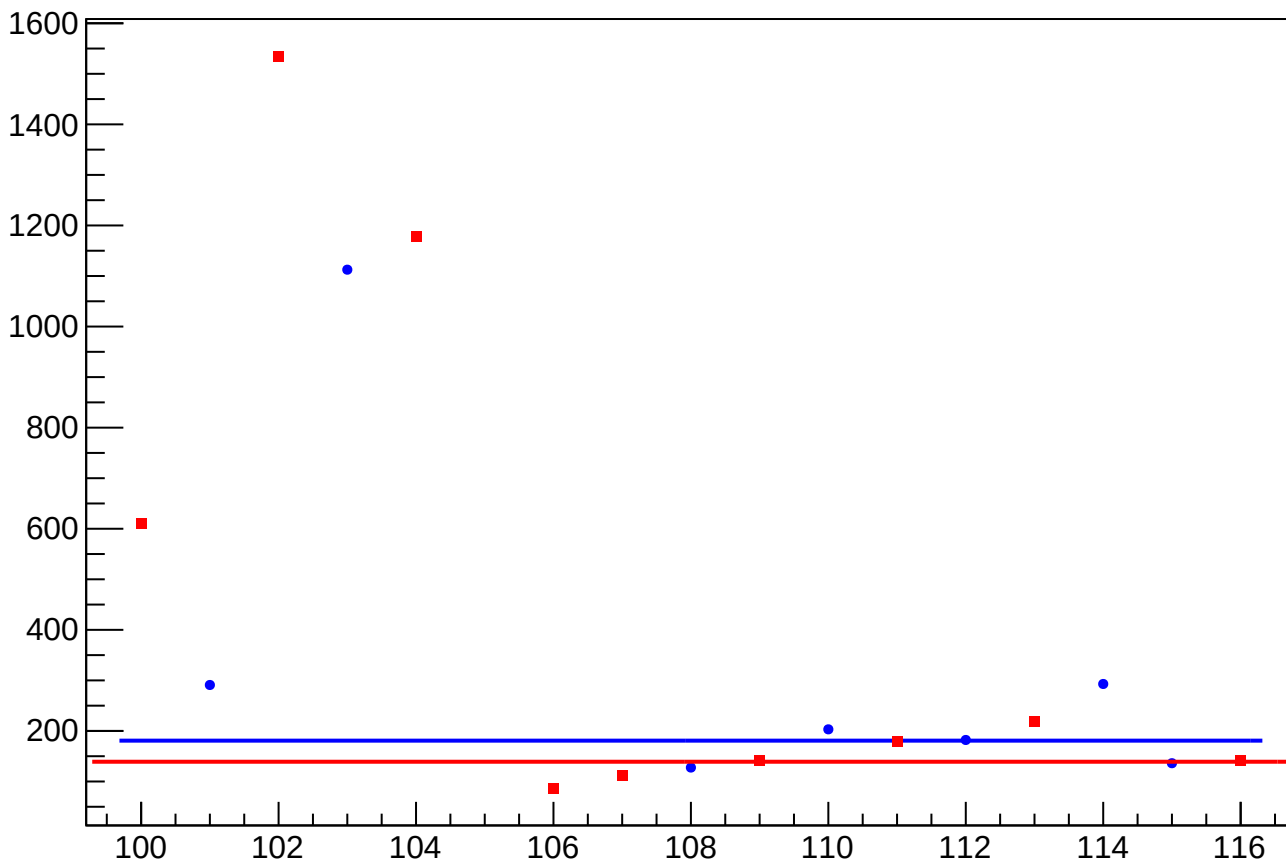
Right: 0.027 $\pm$ 0.077 χ^2 /NDF: 25.7/15

In: -0.045 $\pm$ 0.127 χ^2 /NDF:7.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.077 χ^2 /NDF: 25.7/15

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.806+/-0.090 χ^2/NDF : 1196787.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.088+/-0.069 χ^2/NDF : 1897688.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

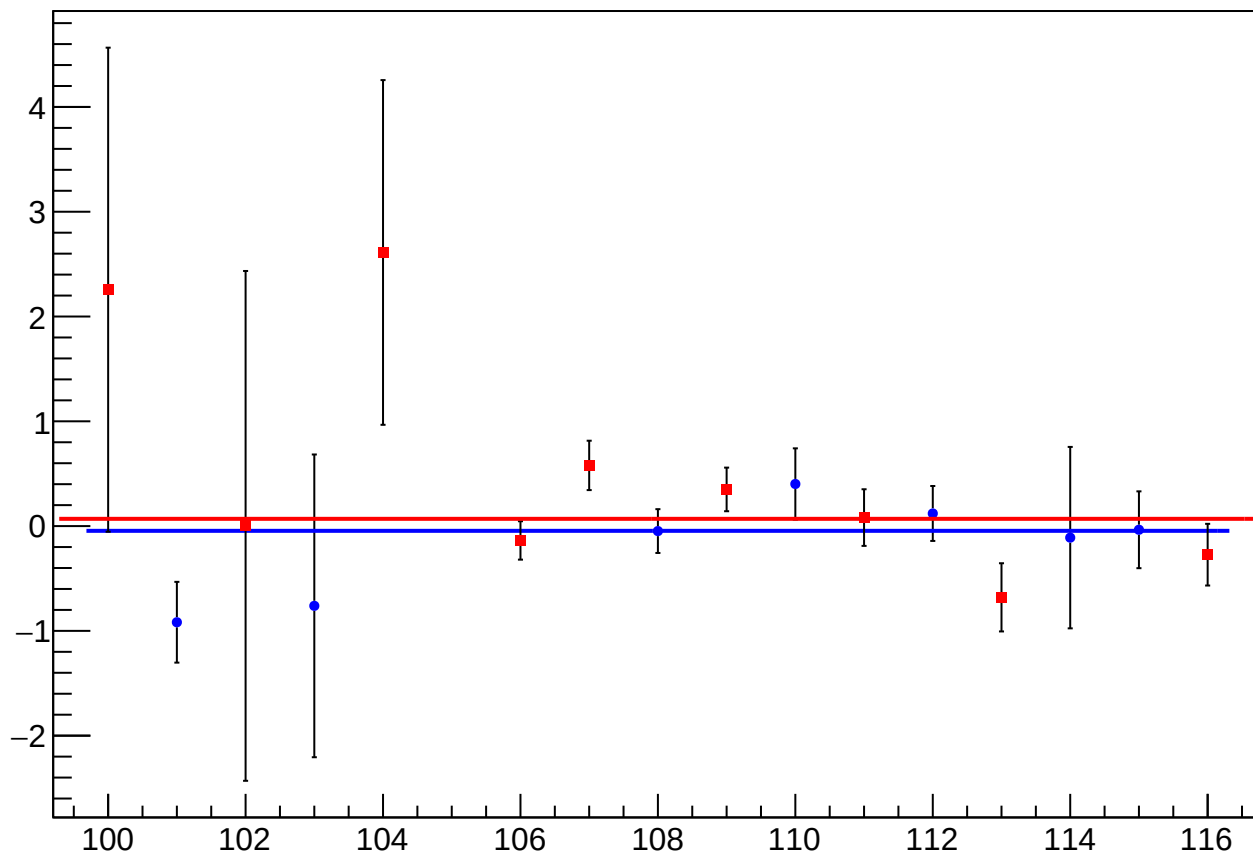
Right: 154.466+/-0.054 χ^2/NDF : 3230893.8/15

In: 180.806+/-0.090 χ^2/NDF : 1196787.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.466+/-0.054 χ^2/NDF : 3230893.8/15

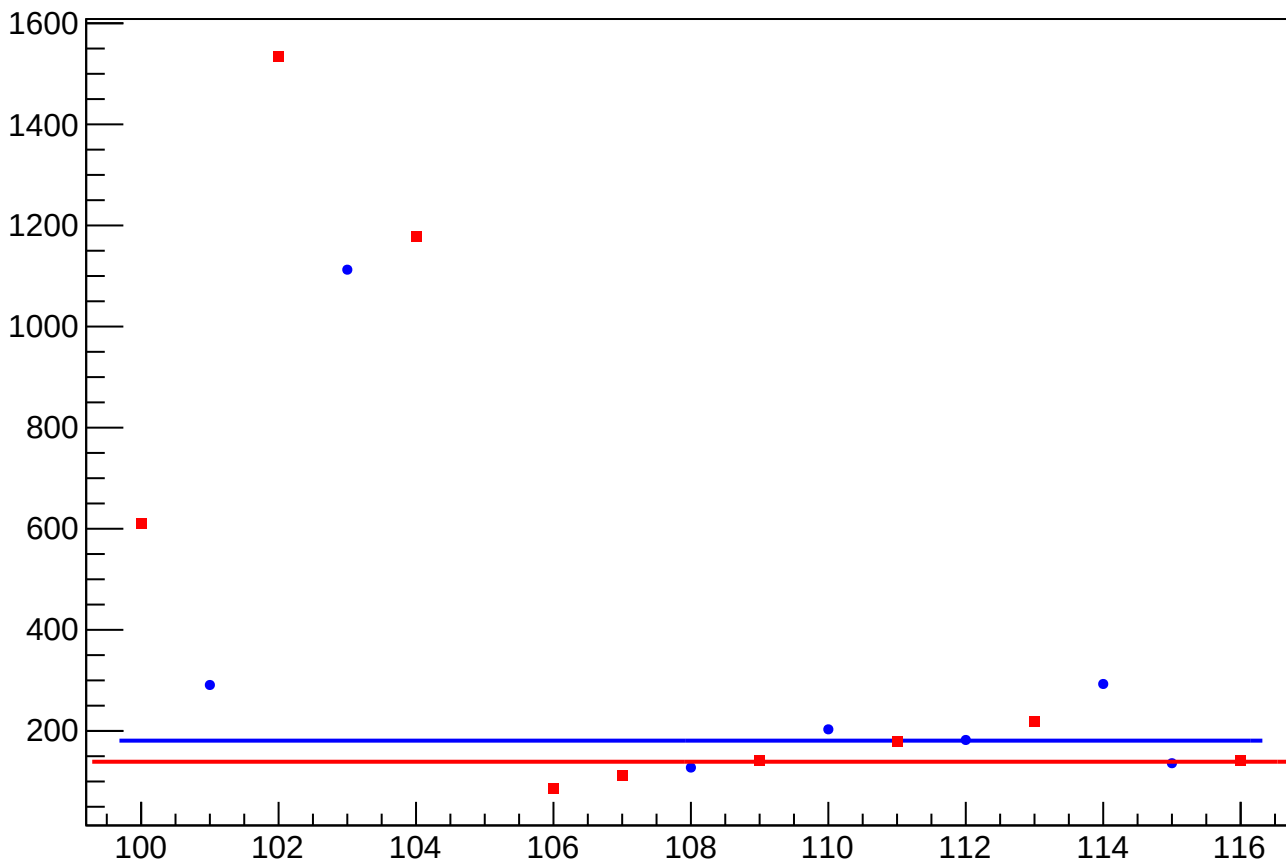
asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 $\pm$ 0.127 χ^2 /NDF: 7.5/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.069 $\pm$ 0.097 χ^2 /NDF: 17.7/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.027 $\pm$ 0.077 χ^2 /NDF: 25.7/15
 In: -0.045 $\pm$ 0.127 χ^2 /NDF:7.5/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.027 $\pm$ 0.077 χ^2 /NDF: 25.7/15

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.806+/-0.090 χ^2/NDF : 1196787.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.088+/-0.069 χ^2/NDF : 1897688.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

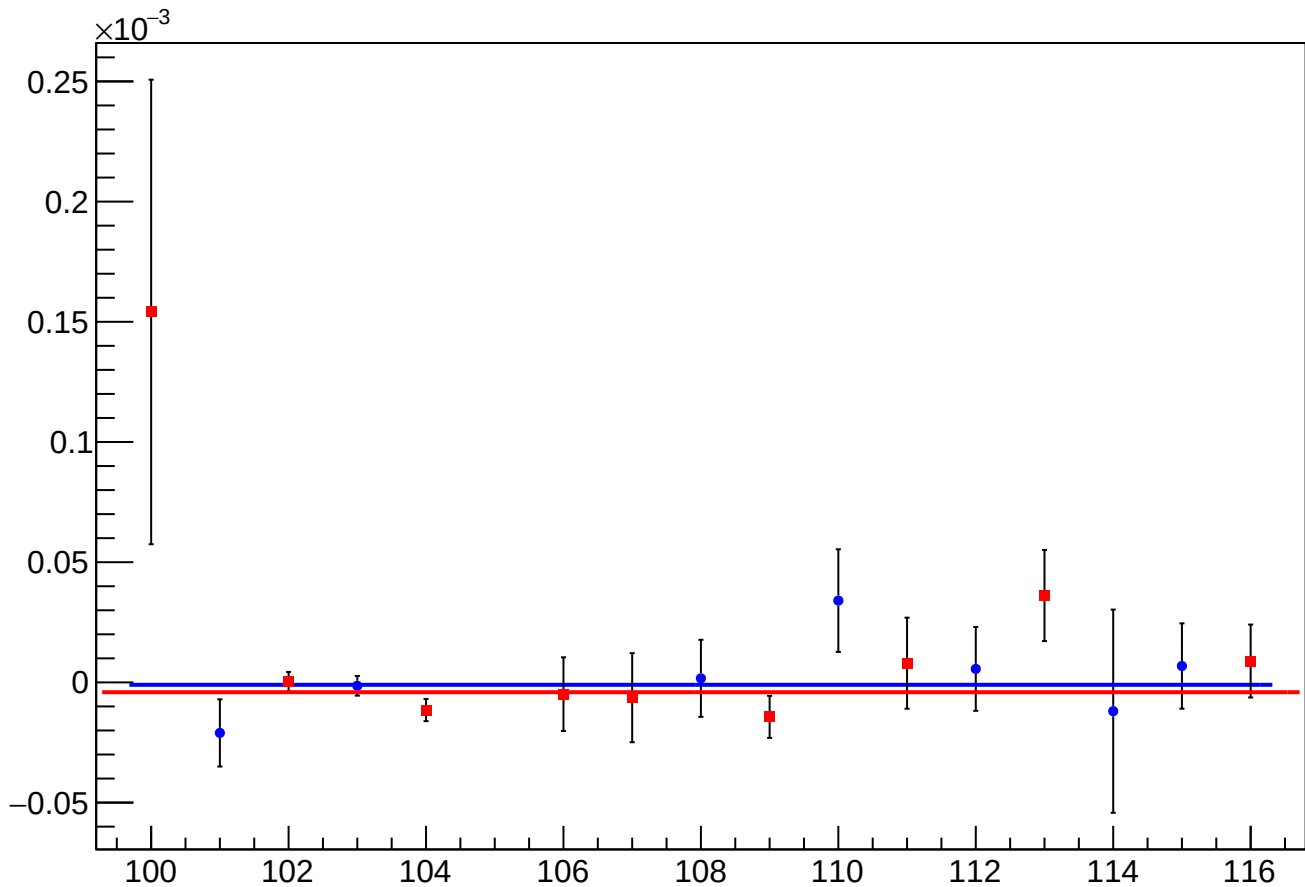
Right: 154.466+/-0.054 χ^2/NDF : 3230893.8/15

In: 180.806+/-0.090 χ^2/NDF : 1196787.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.466+/-0.054 χ^2/NDF : 3230893.8/15

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

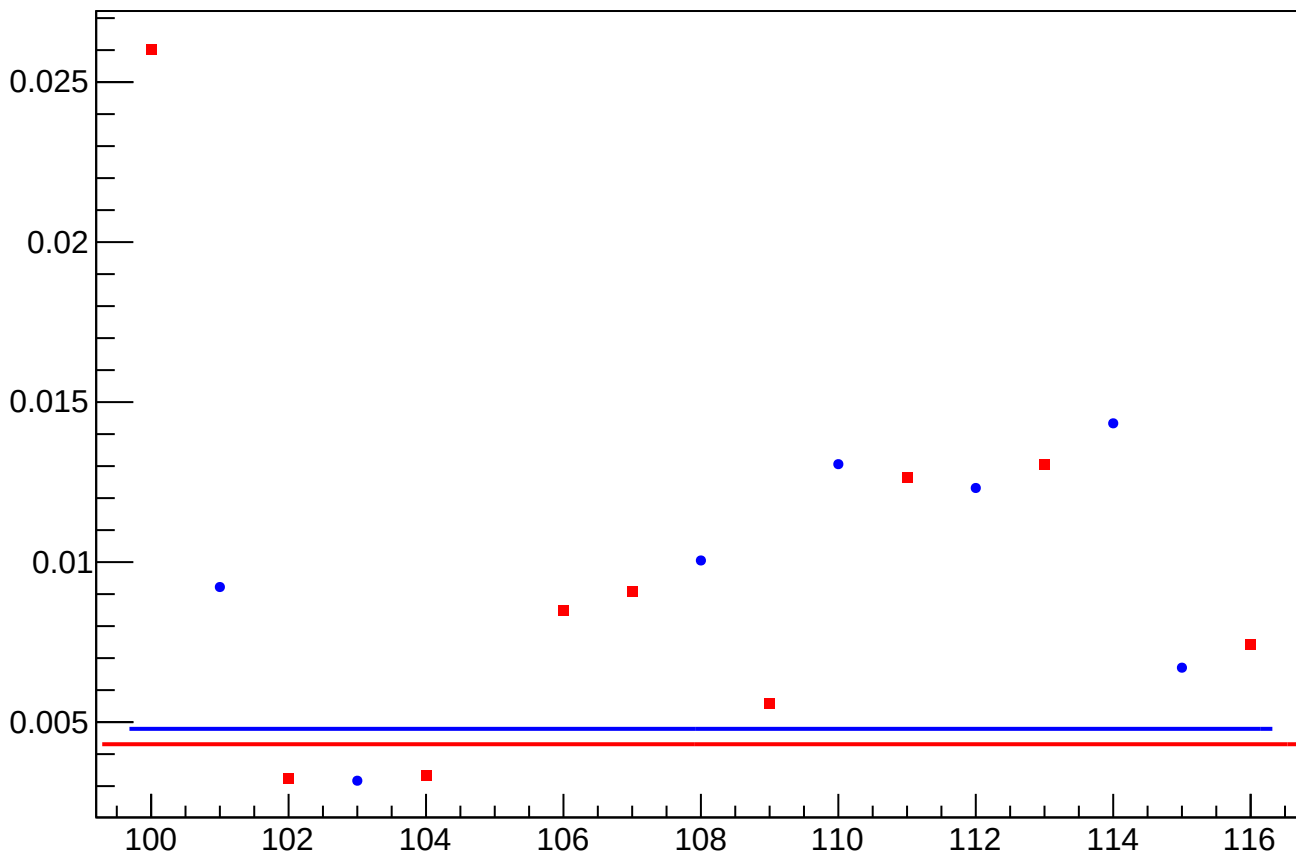
Right: -0.000+/-0.000 χ^2/NDF : 19.1/15

In: -0.000+/-0.000 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/15

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1530835.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1552747.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

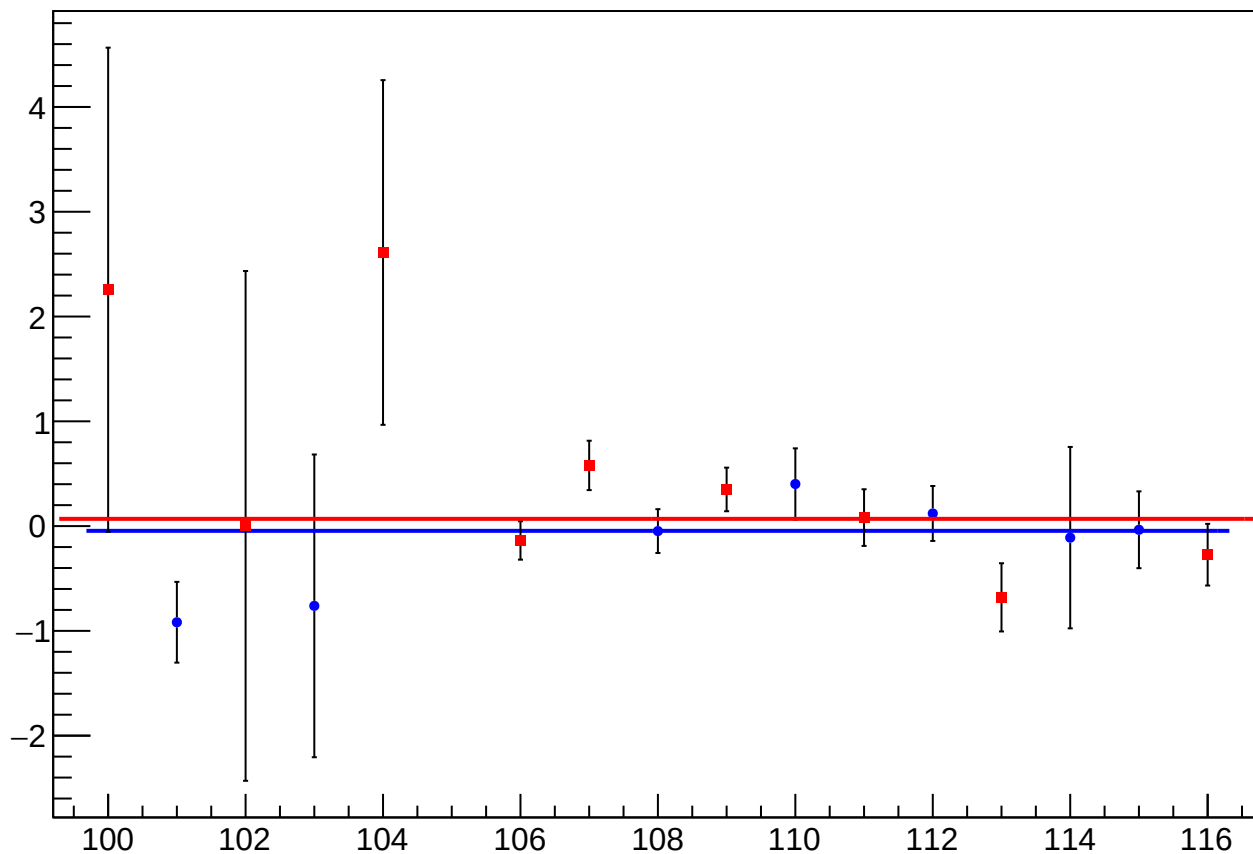
Right: 0.004+/-0.000 χ^2/NDF : 3106730.1/15

In: 0.005+/-0.000 χ^2/NDF : 1530835.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3106730.1/15

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.127 χ^2/NDF : 7.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.069 ± 0.097 χ^2/NDF : 17.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

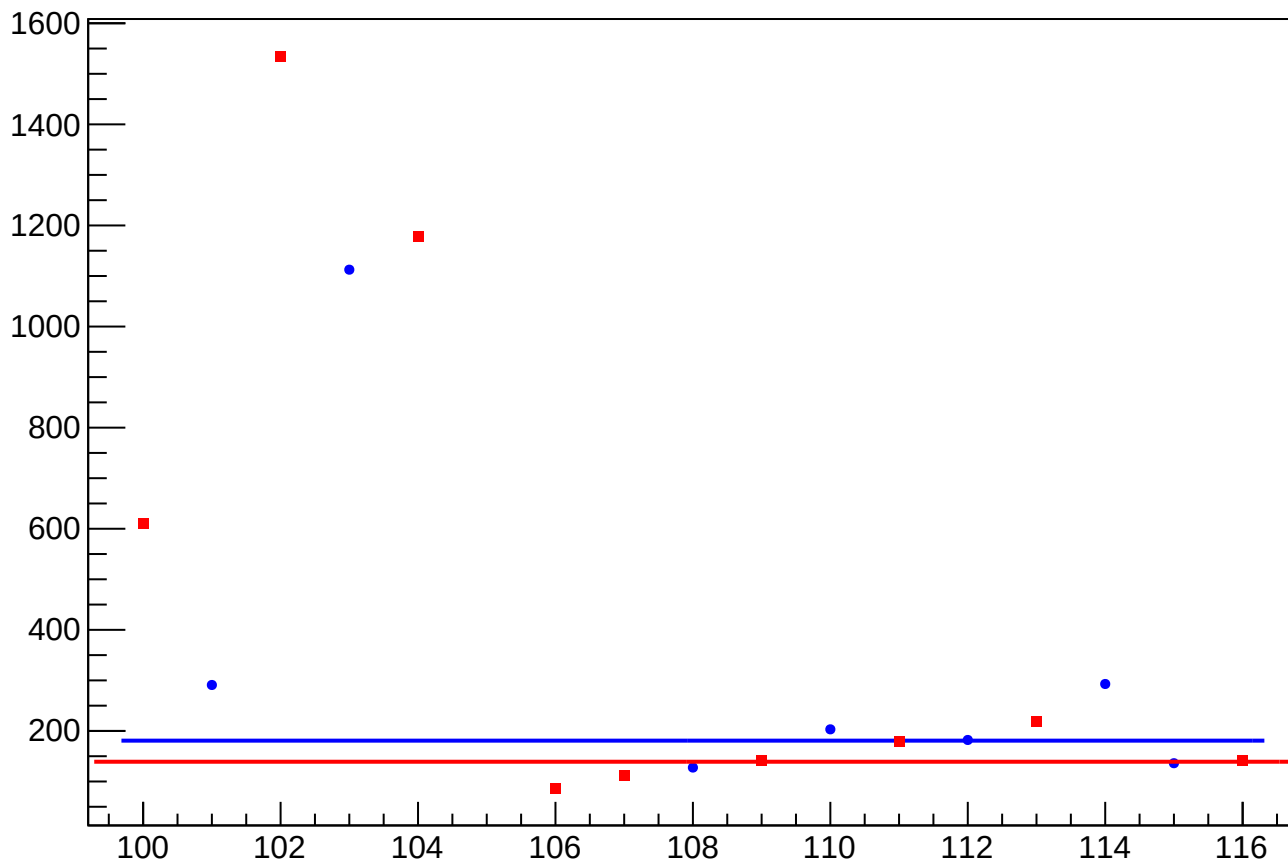
Right: 0.027 ± 0.077 χ^2/NDF : 25.7/15

In: -0.045 ± 0.127 χ^2/NDF : 7.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.077 χ^2/NDF : 25.7/15

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.807+/-0.090 χ^2/NDF : 1196793.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.089+/-0.069 χ^2/NDF : 1897689.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

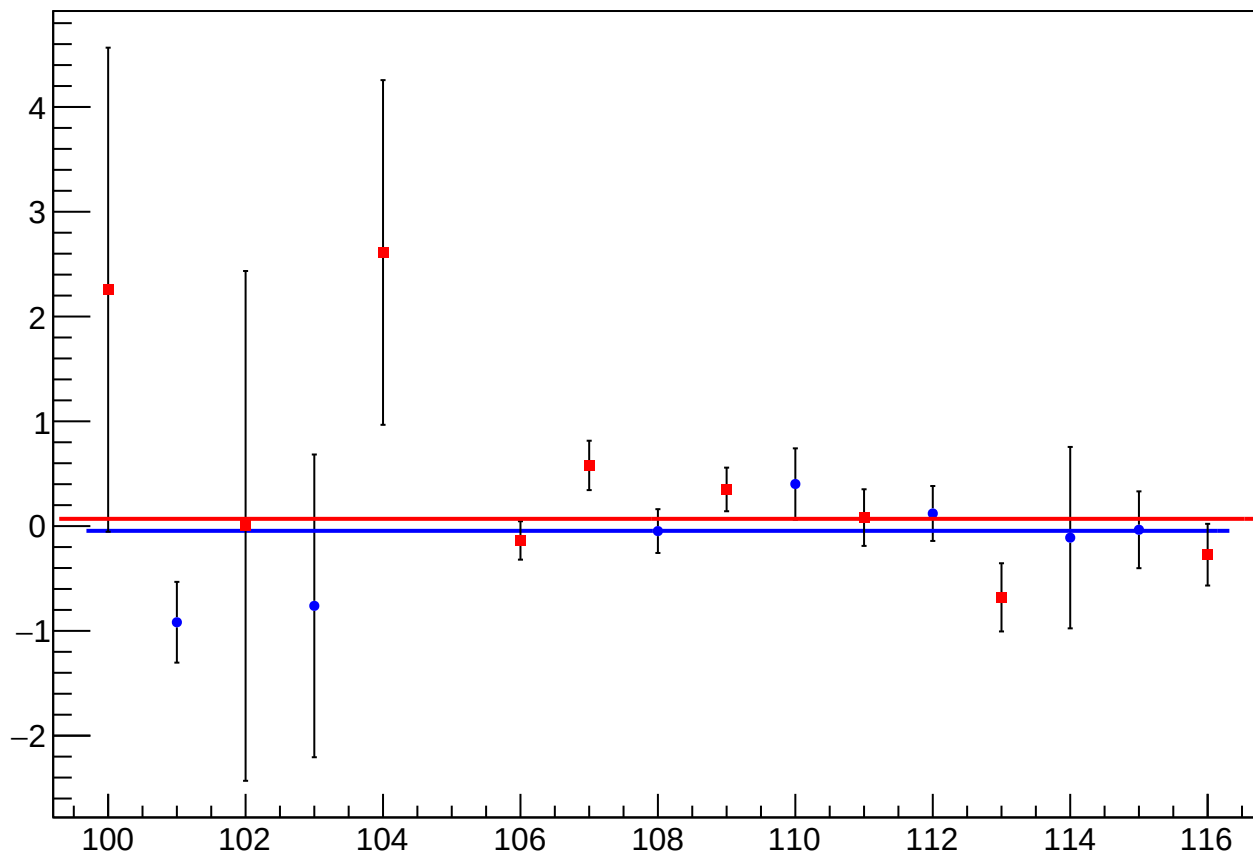
Right: 154.467+/-0.054 χ^2/NDF : 3230902.0/15

In: 180.807+/-0.090 χ^2/NDF : 1196793.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.467+/-0.054 χ^2/NDF : 3230902.0/15

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.127 χ^2/NDF : 7.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.069 ± 0.097 χ^2/NDF : 17.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

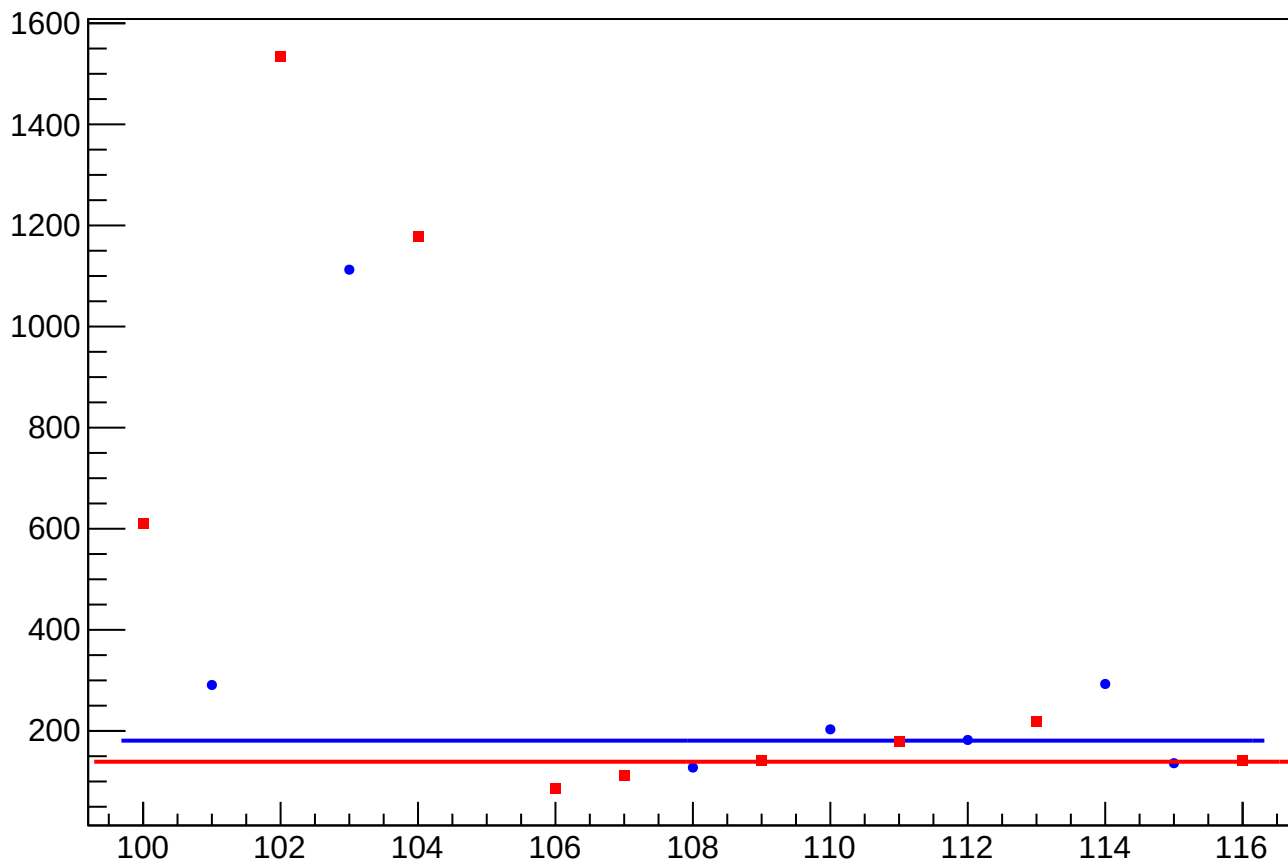
Right: 0.027 ± 0.077 χ^2/NDF : 25.7/15

In: -0.045 ± 0.127 χ^2/NDF : 7.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.077 χ^2/NDF : 25.7/15

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.807+/-0.090 χ^2/NDF : 1196793.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.089+/-0.069 χ^2/NDF : 1897689.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

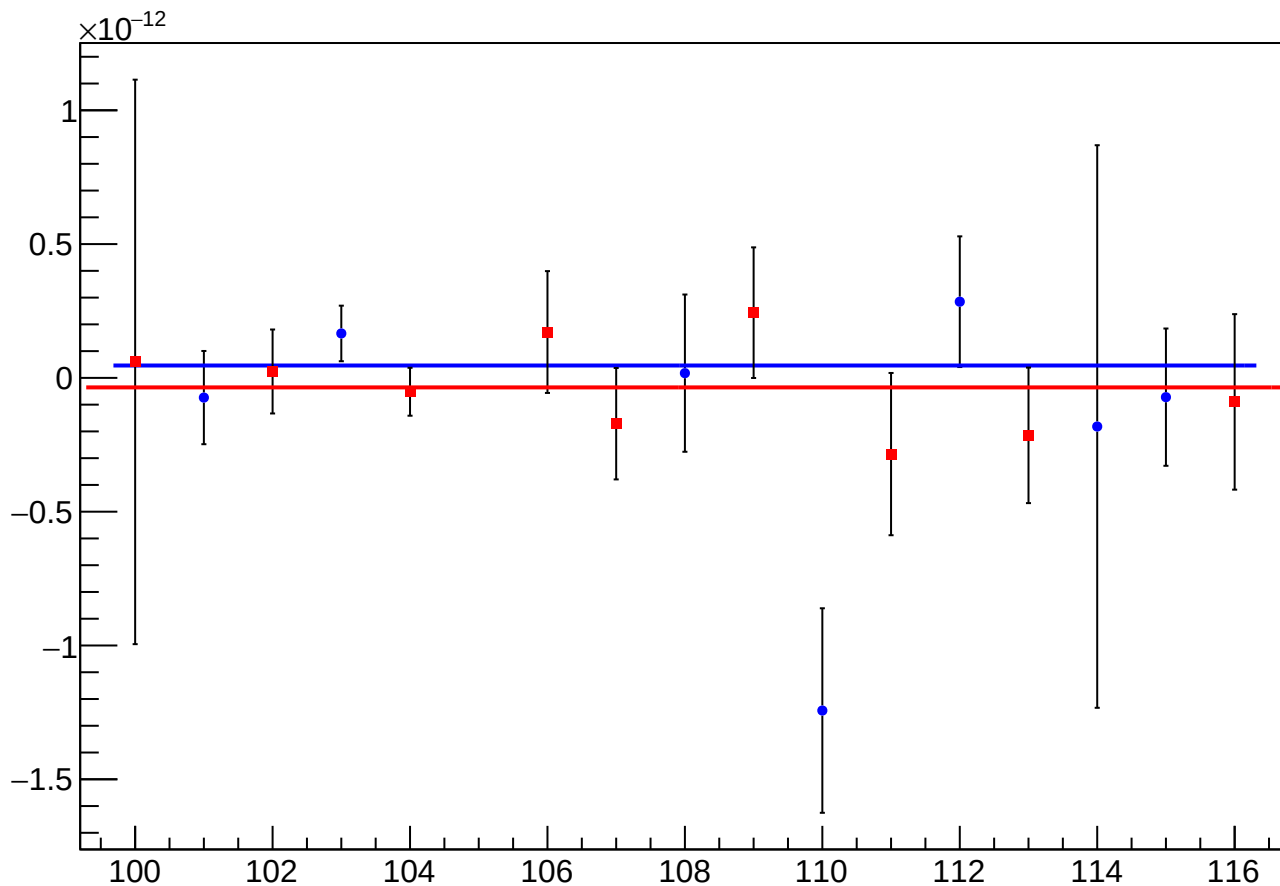
Right: 154.467+/-0.054 χ^2/NDF : 3230902.0/15

In: 180.807+/-0.090 χ^2/NDF : 1196793.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.467+/-0.054 χ^2/NDF : 3230902.0/15

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

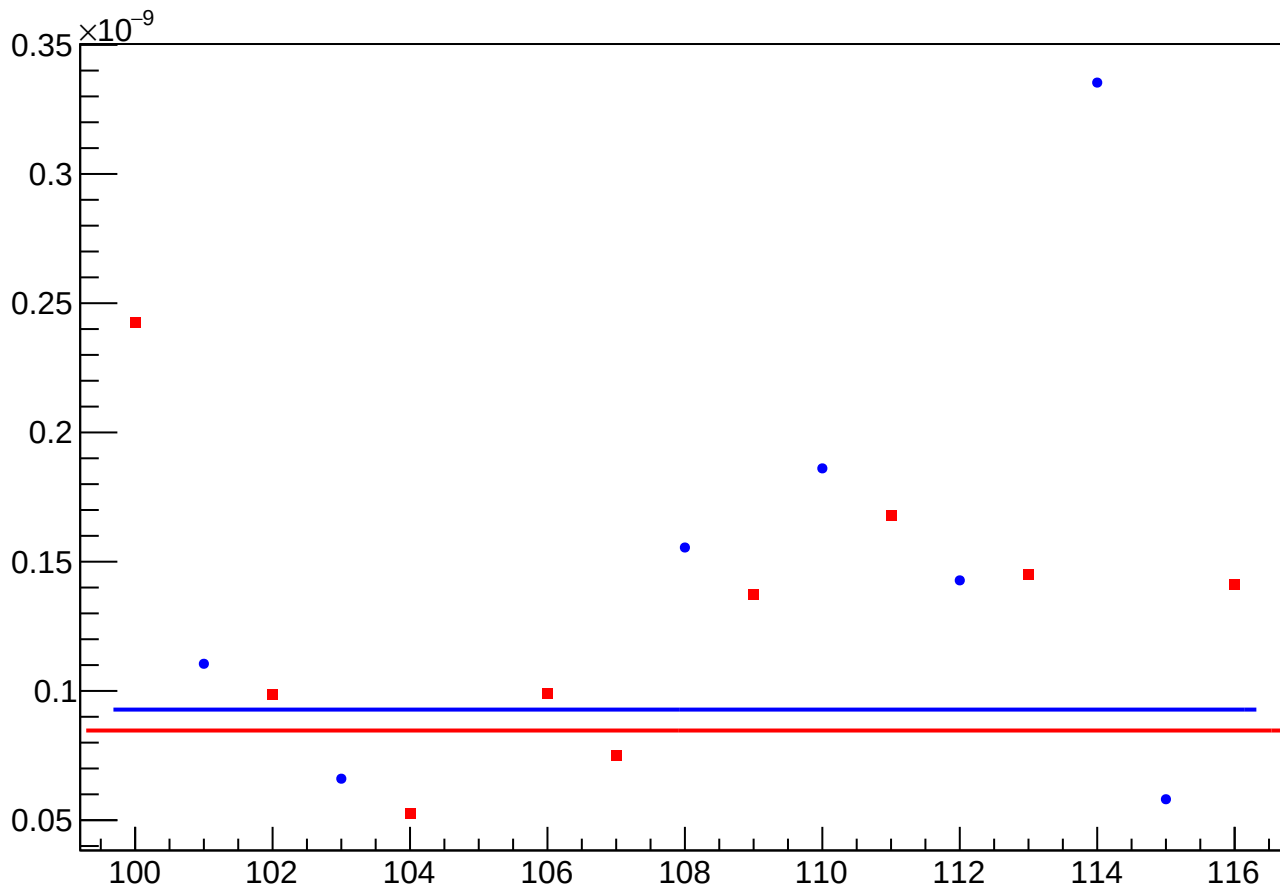
Right: -0.000+/-0.000 χ^2/NDF : 19.1/15

In: 0.000+/-0.000 χ^2/NDF : 14.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/15

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 590615.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 747232.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

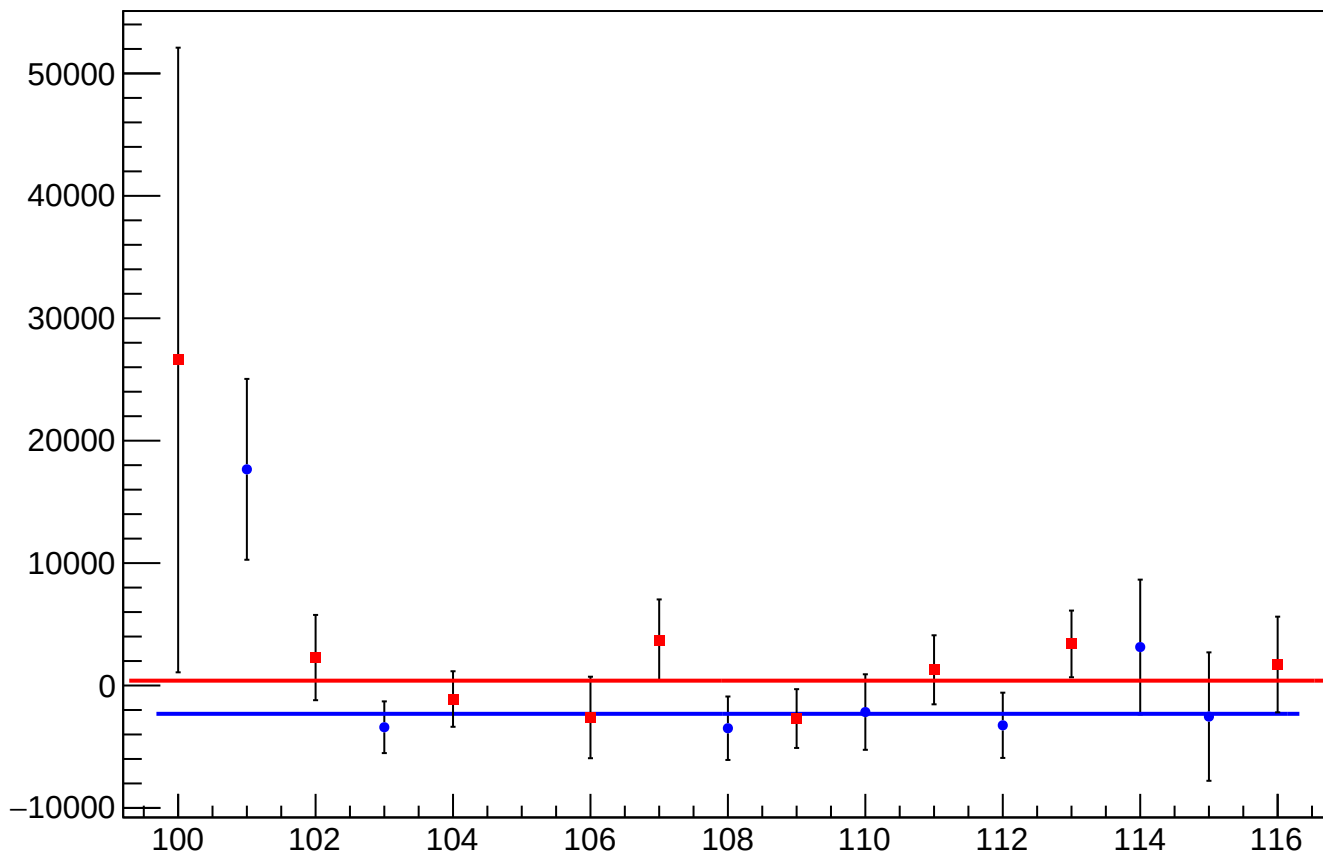
Right: 0.000+/-0.000 χ^2/NDF : 1351676.2/15

In: 0.000+/-0.000 χ^2/NDF : 590615.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1351676.2/15

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2312.132+/-1189.759 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 396.599+/-1021.320 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

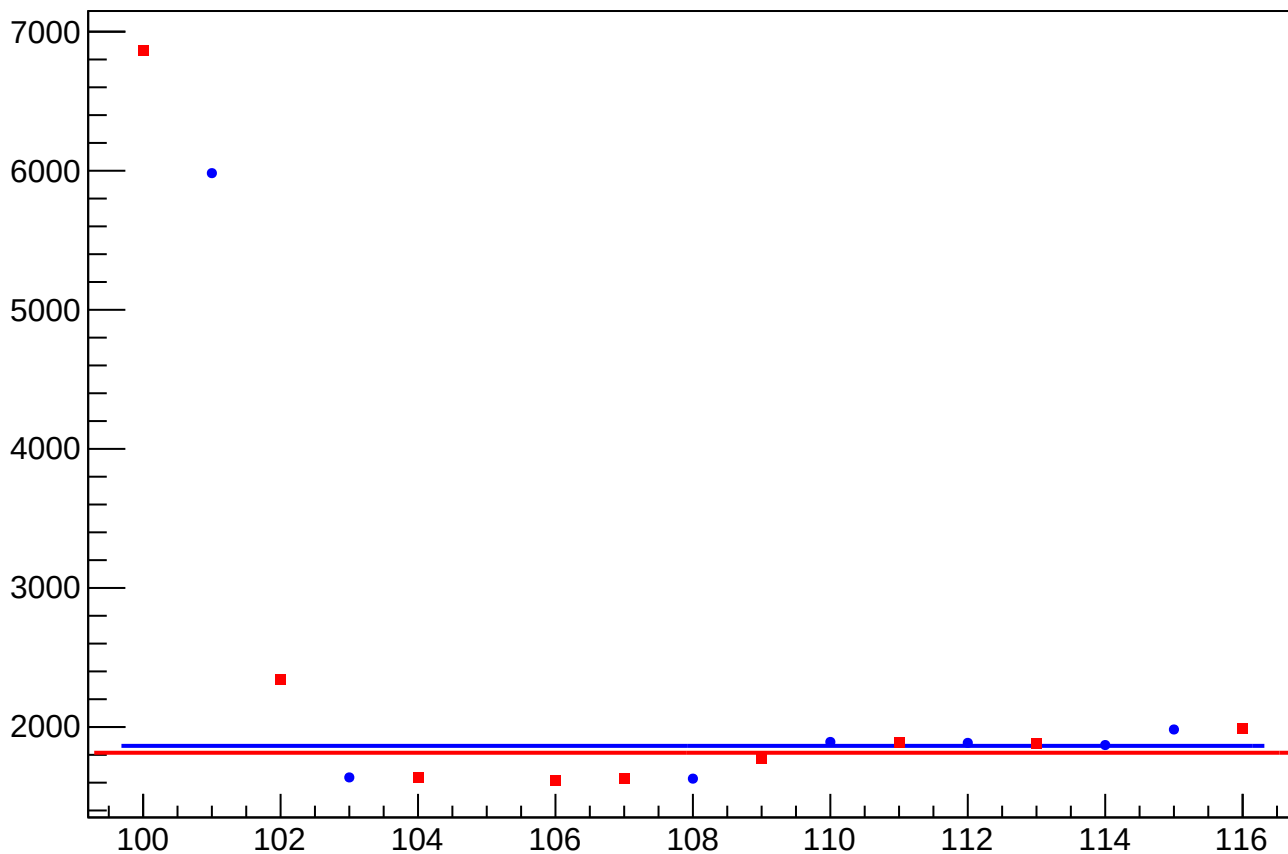
Right: -752.607+/-774.952 χ^2/NDF : 18.6/15

In: -2312.132+/-1189.759 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -752.607+/-774.952 χ^2/NDF : 18.6/15

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1864.579+/-0.841 χ^2 /NDF: 662510.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1815.043+/-0.717 χ^2 /NDF: 158873.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

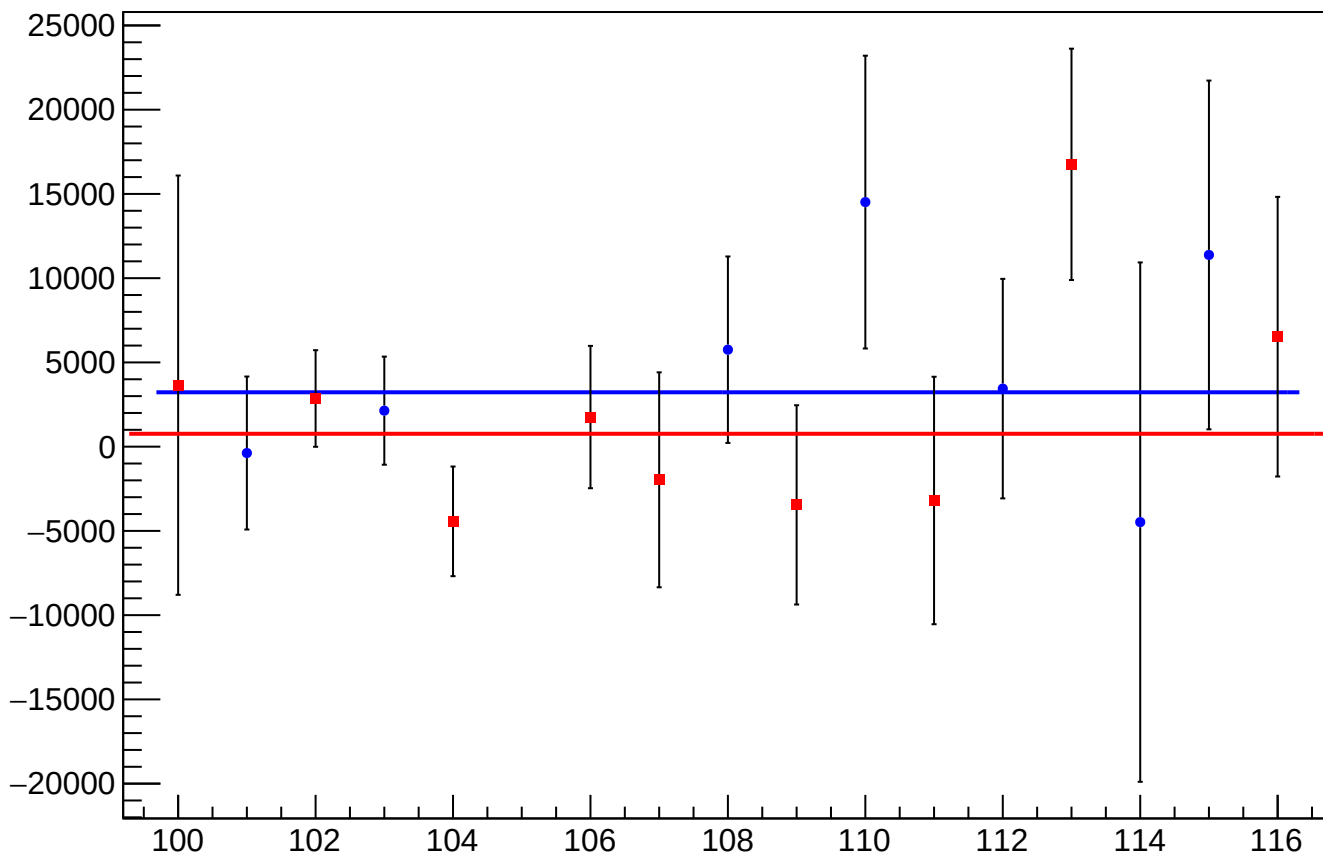
Right: 1835.887+/-0.546 χ^2 /NDF: 823392.3/15

In: 1864.579+/-0.841 χ^2 /NDF:662510.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1835.887+/-0.546 χ^2 /NDF: 823392.3/15

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3227.402+/-2091.051 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 764.887+/-1609.408 χ^2/NDF : 10.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

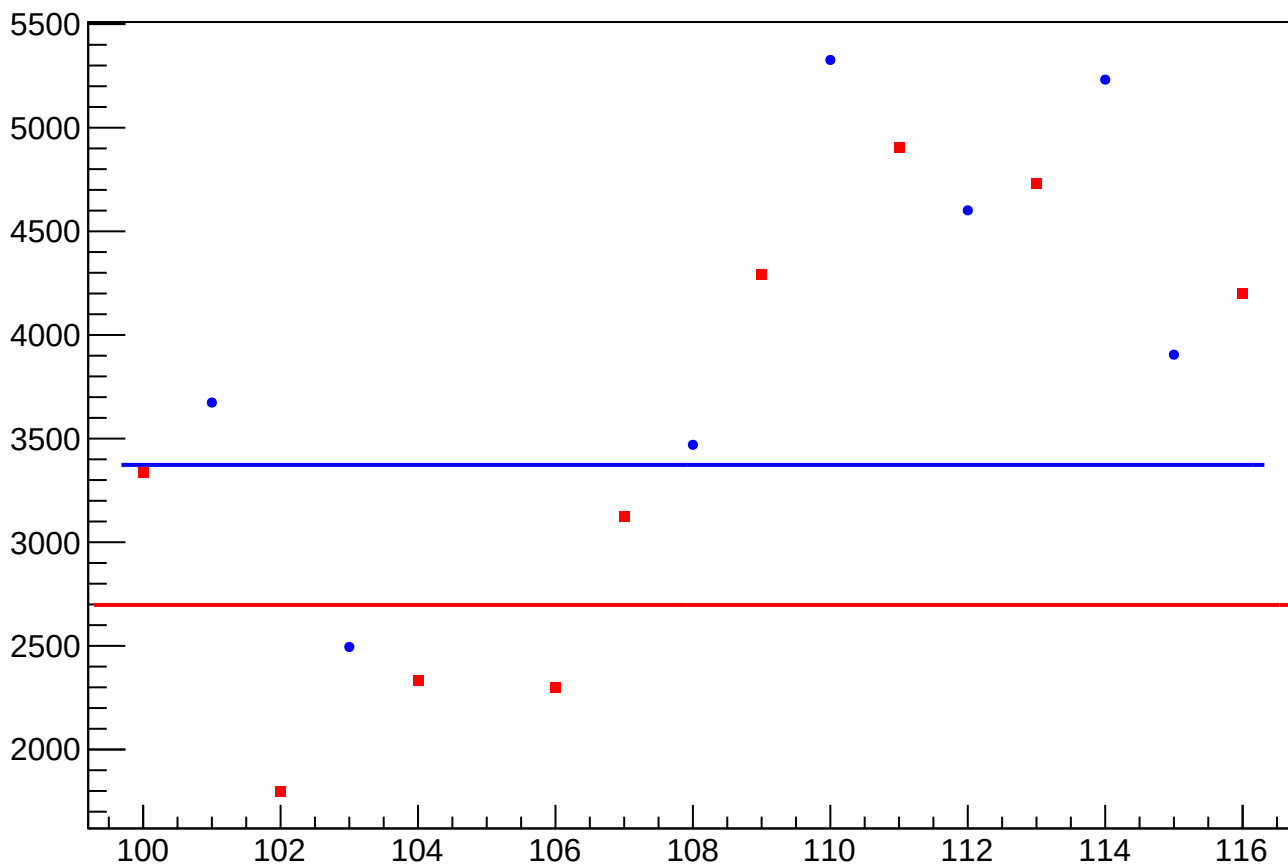
Right: 1680.969+/-1275.388 χ^2/NDF : 14.5/15

In: 3227.402+/-2091.051 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1680.969+/-1275.388 χ^2/NDF : 14.5/15

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3373.208+/-1.479 χ^2/NDF : 365850.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2697.407+/-1.138 χ^2/NDF : 821596.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

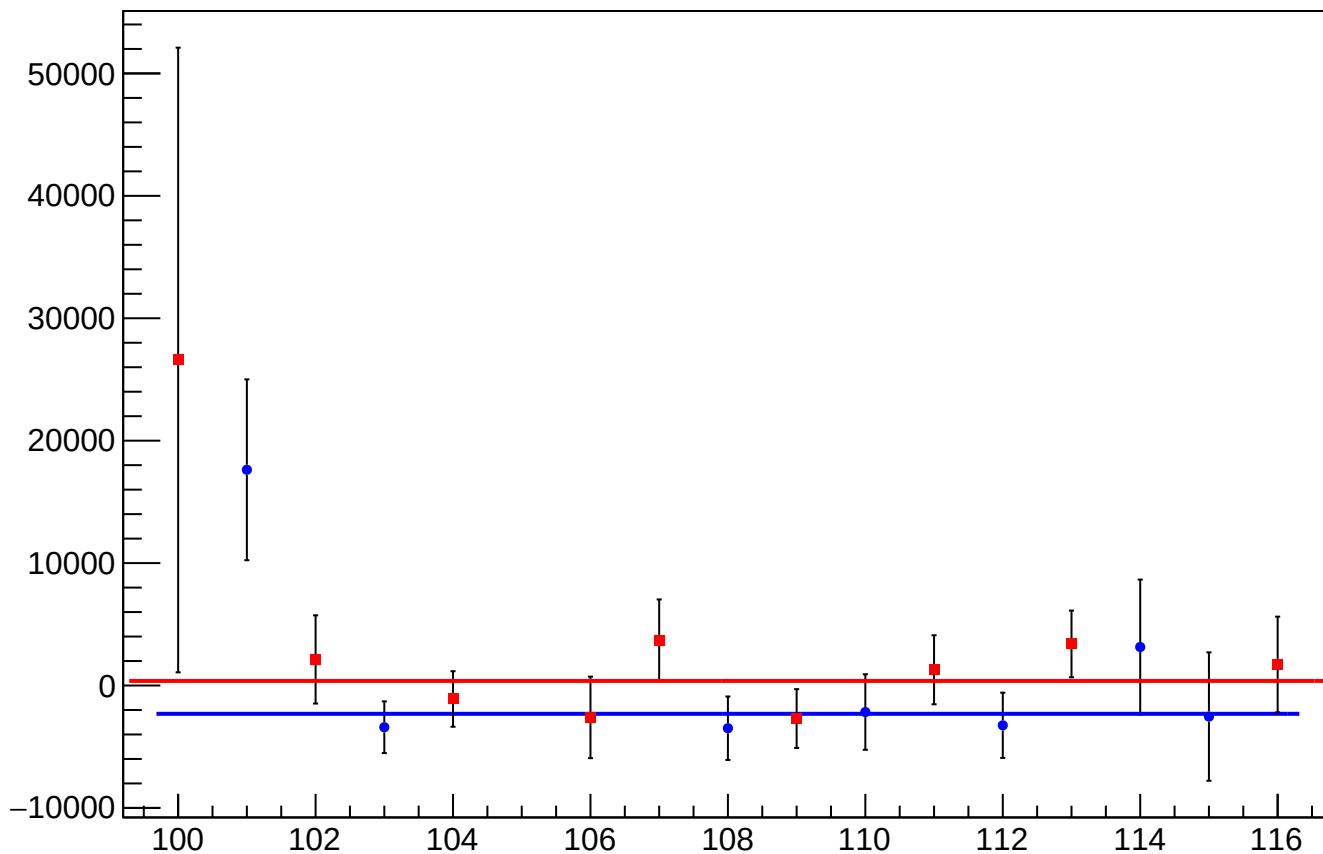
Right: 2948.812+/-0.902 χ^2/NDF : 1318633.4/15

In: 3373.208+/-1.479 χ^2/NDF : 365850.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2948.812+/-0.902 χ^2/NDF : 1318633.4/15

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2312.814 ± 1189.759 χ^2/NDF : 8.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 374.745 ± 1024.236 χ^2/NDF : 6.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

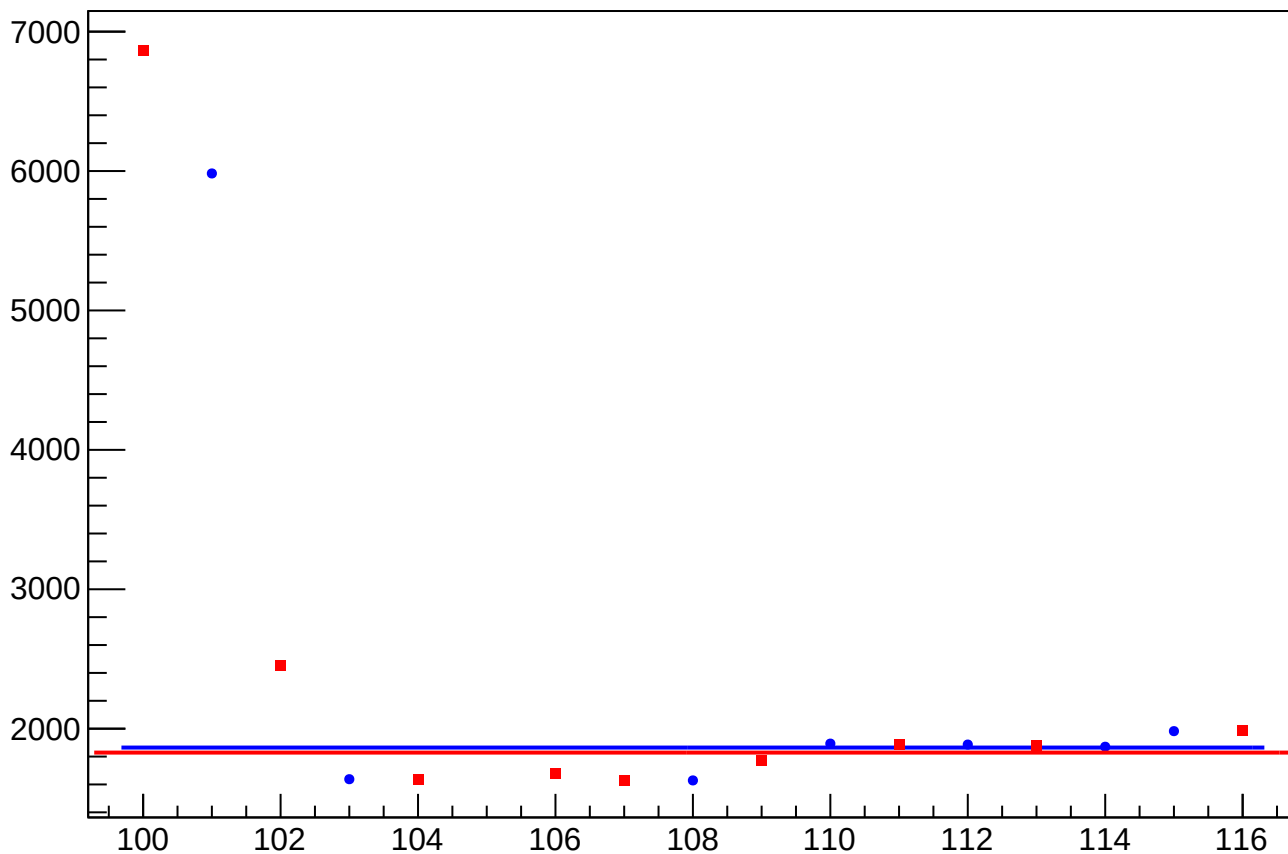
Right: -769.224 ± 776.224 χ^2/NDF : 18.4/15

In: -2312.814 ± 1189.759 χ^2/NDF : 8.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -769.224 ± 776.224 χ^2/NDF : 18.4/15

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1864.578 $\pm$ 0.841 χ^2/NDF : 662510.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1828.510 $\pm$ 0.722 χ^2/NDF : 170768.3/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

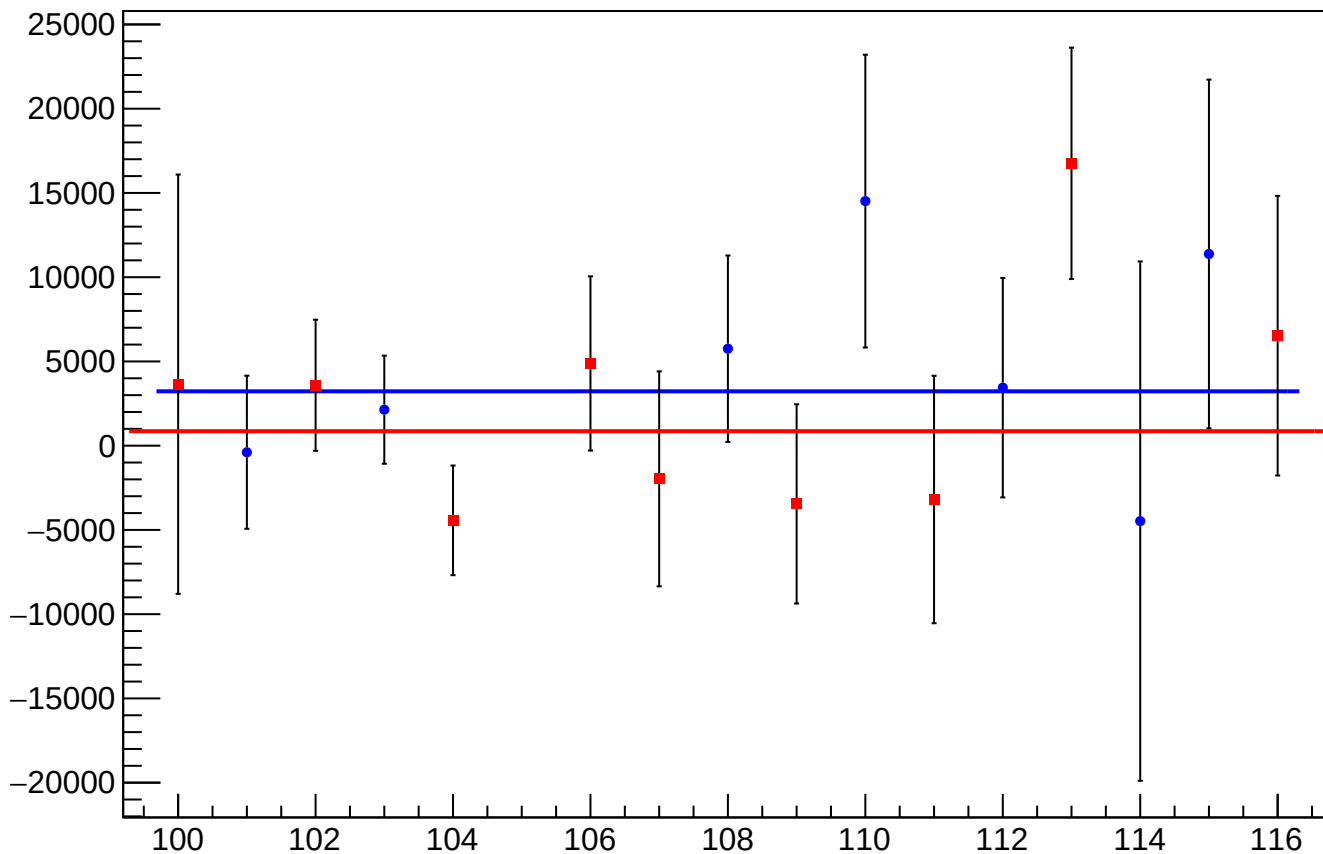
Right: 1843.805 $\pm$ 0.548 χ^2/NDF : 834337.5/15

In: 1864.578 $\pm$ 0.841 χ^2/NDF : 662510.7/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1843.805 $\pm$ 0.548 χ^2/NDF : 834337.5/15

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3226.018+/-2091.541 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.076+/-1790.817 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

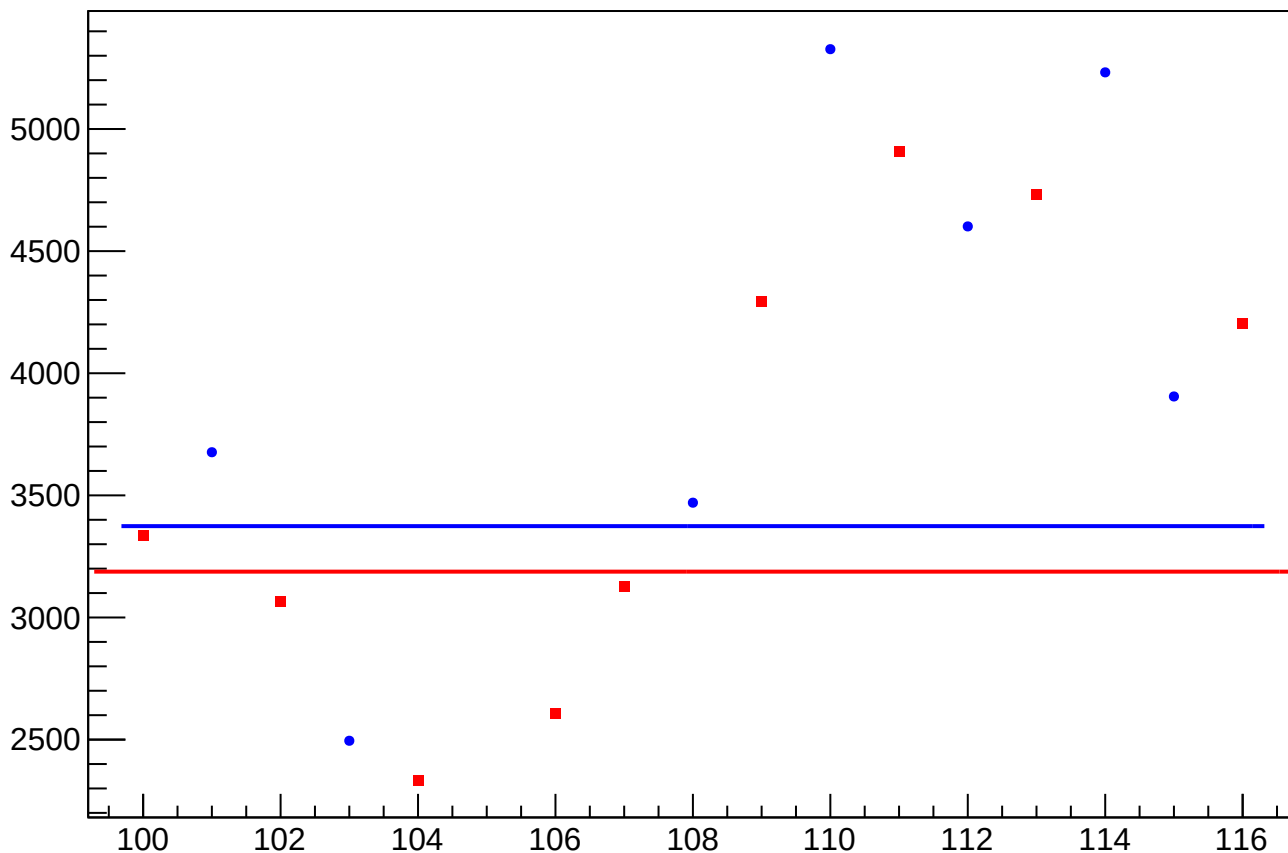
Right: 1861.454+/-1360.311 χ^2/NDF : 14.9/15

In: 3226.018+/-2091.541 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1861.454+/-1360.311 χ^2/NDF : 14.9/15

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3374.045+/-1.479 χ^2/NDF : 365786.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3187.709+/-1.266 χ^2/NDF : 475459.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

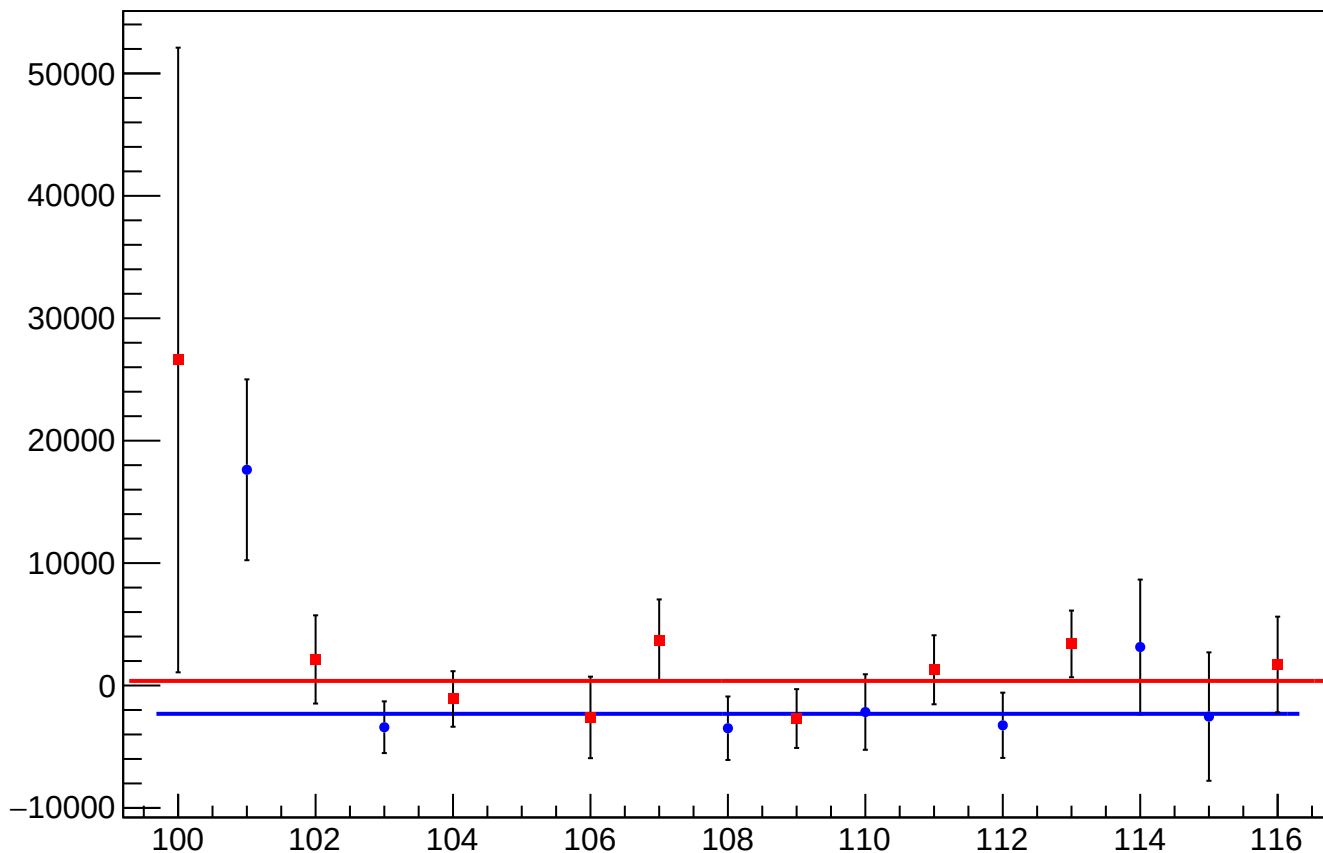
Right: 3266.530+/-0.962 χ^2/NDF : 850404.9/15

In: 3374.045+/-1.479 χ^2/NDF : 365786.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3266.530+/-0.962 χ^2/NDF : 850404.9/15

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2312.814+/-1189.759 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.745+/-1024.236 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

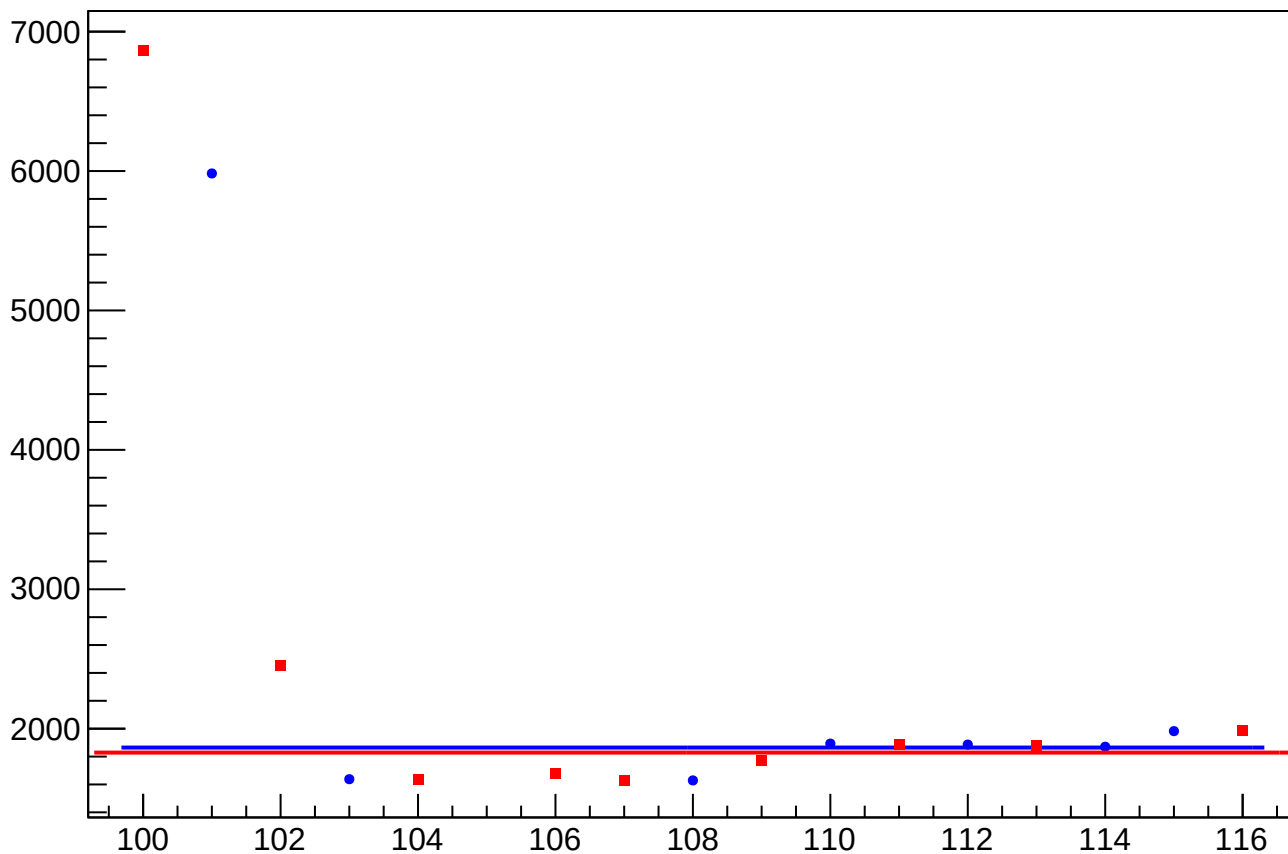
Right: -769.224+/-776.224 χ^2/NDF : 18.4/15

In: -2312.814+/-1189.759 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.224+/-776.224 χ^2/NDF : 18.4/15

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1864.578+/-0.841 χ^2 /NDF: 662510.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1828.510+/-0.722 χ^2 /NDF: 170768.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

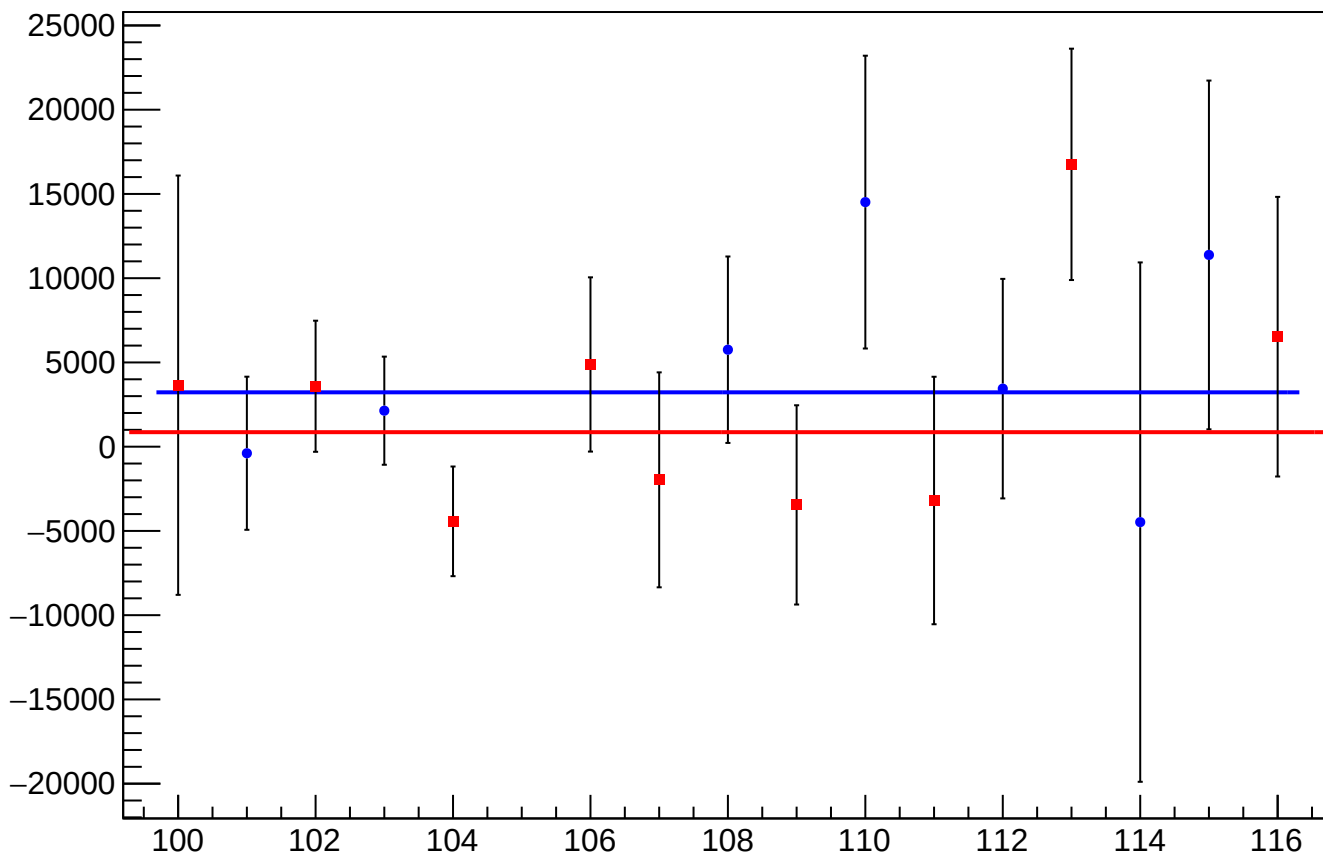
Right: 1843.805+/-0.548 χ^2 /NDF: 834337.5/15

In: 1864.578+/-0.841 χ^2 /NDF:662510.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1843.805+/-0.548 χ^2 /NDF: 834337.5/15

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3226.018+/-2091.541 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.076+/-1790.817 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

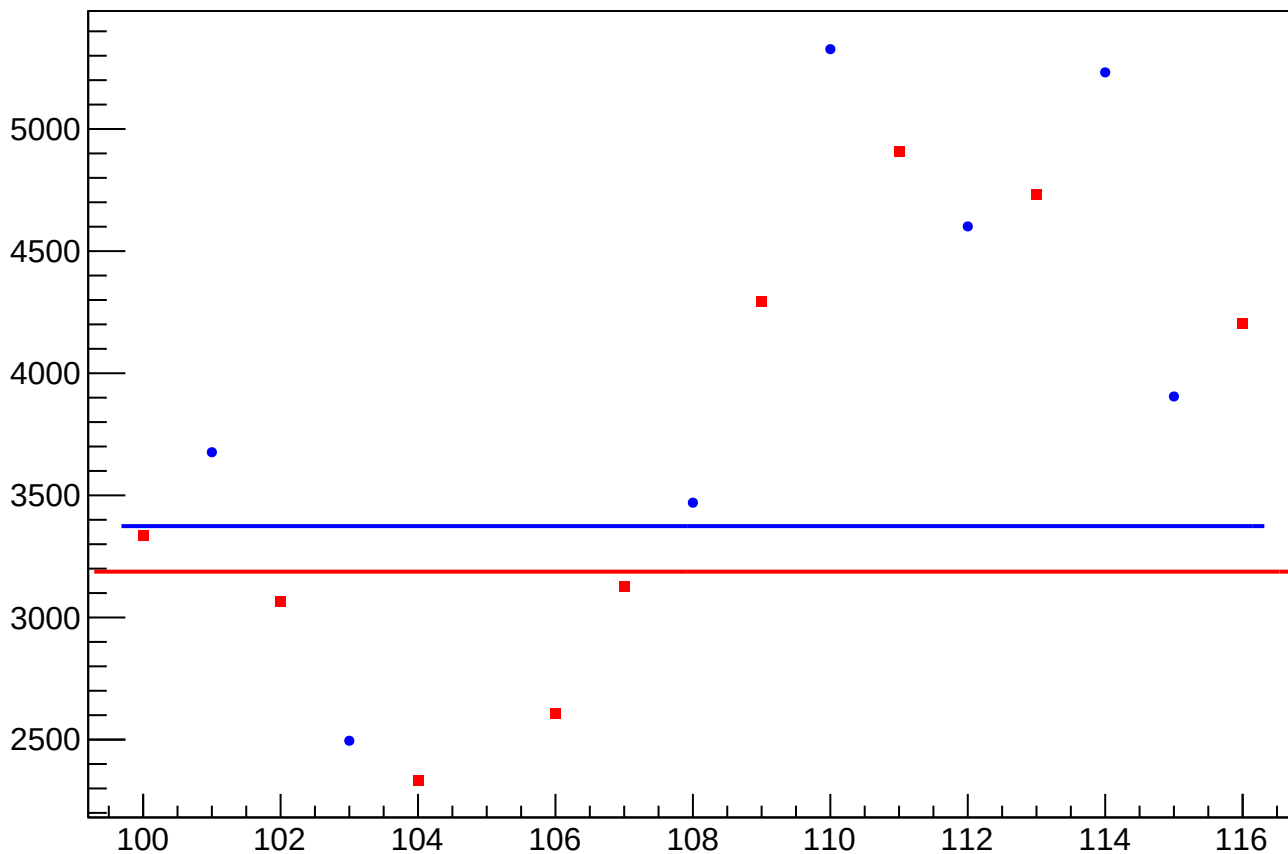
Right: 1861.454+/-1360.311 χ^2/NDF : 14.9/15

In: 3226.018+/-2091.541 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1861.454+/-1360.311 χ^2/NDF : 14.9/15

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3374.045+/-1.479 χ^2/NDF : 365786.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3187.709+/-1.266 χ^2/NDF : 475459.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

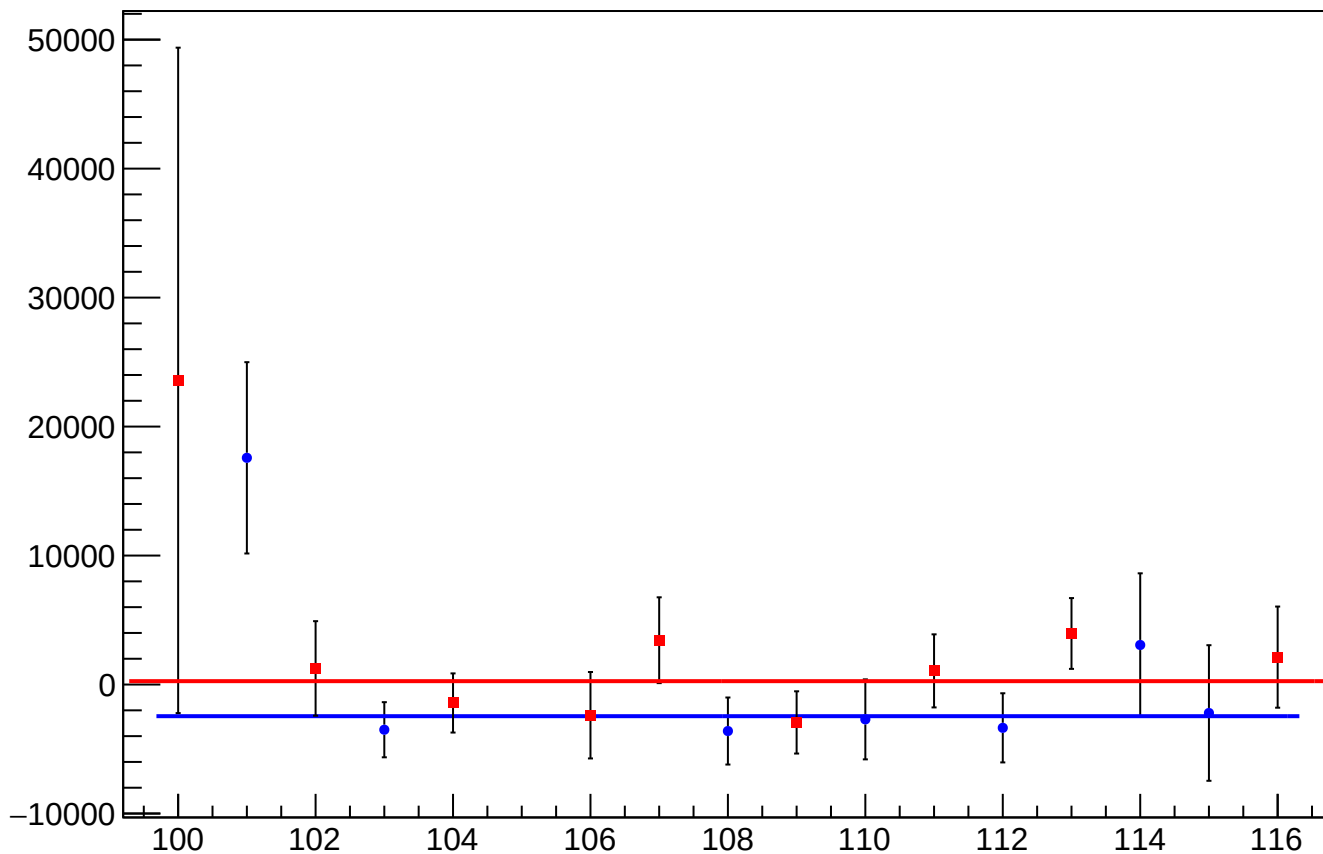
Right: 3266.530+/-0.962 χ^2/NDF : 850404.9/15

In: 3374.045+/-1.479 χ^2/NDF : 365786.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3266.530+/-0.962 χ^2/NDF : 850404.9/15

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2453.037 $\pm$ 1197.933 χ^2 /NDF: 8.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 262.436 $\pm$ 1031.579 χ^2 /NDF: 6.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

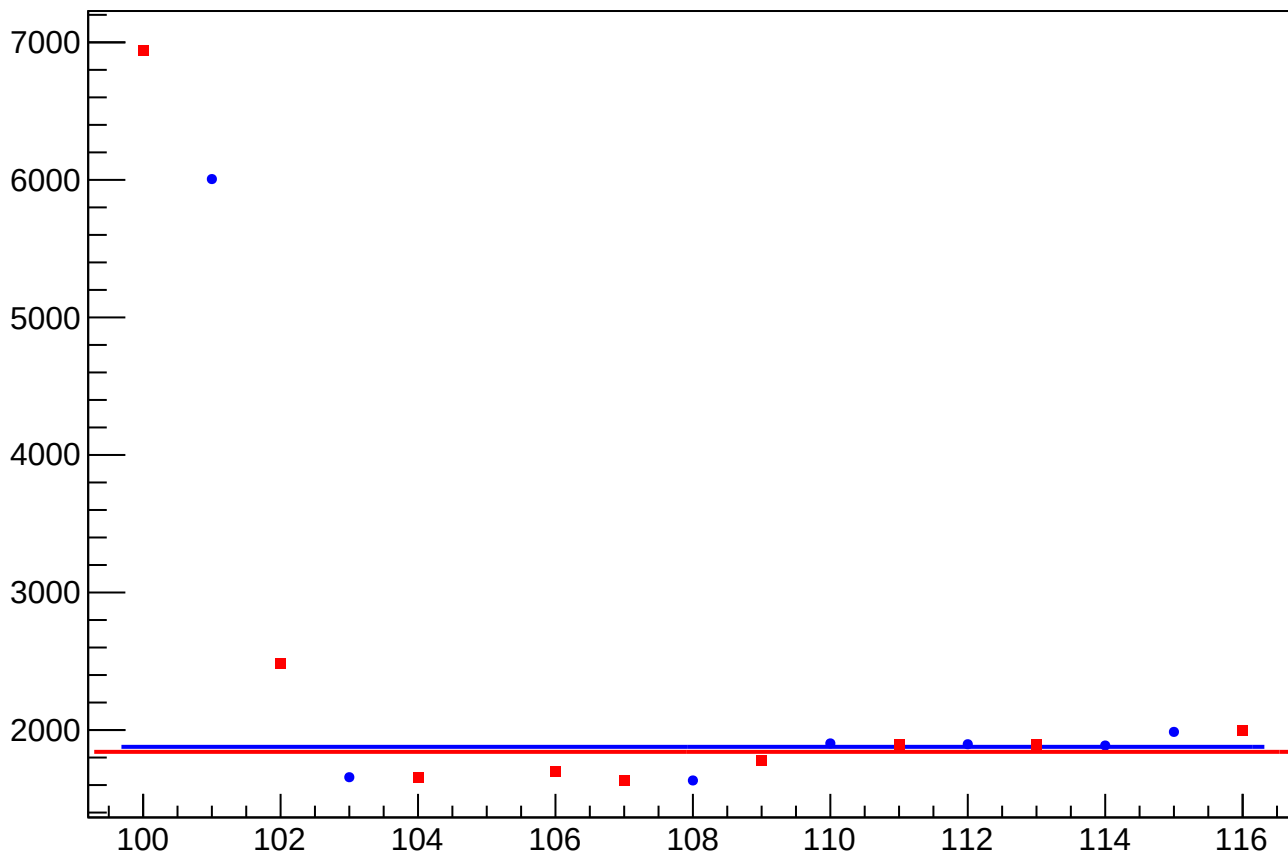
Right: -893.809 $\pm$ 781.690 χ^2 /NDF: 18.6/15

In: -2453.037 $\pm$ 1197.933 χ^2 /NDF: 8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -893.809 $\pm$ 781.690 χ^2 /NDF: 18.6/15

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1877.876+/-0.847 χ^2/NDF : 659814.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1841.419+/-0.728 χ^2/NDF : 170450.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

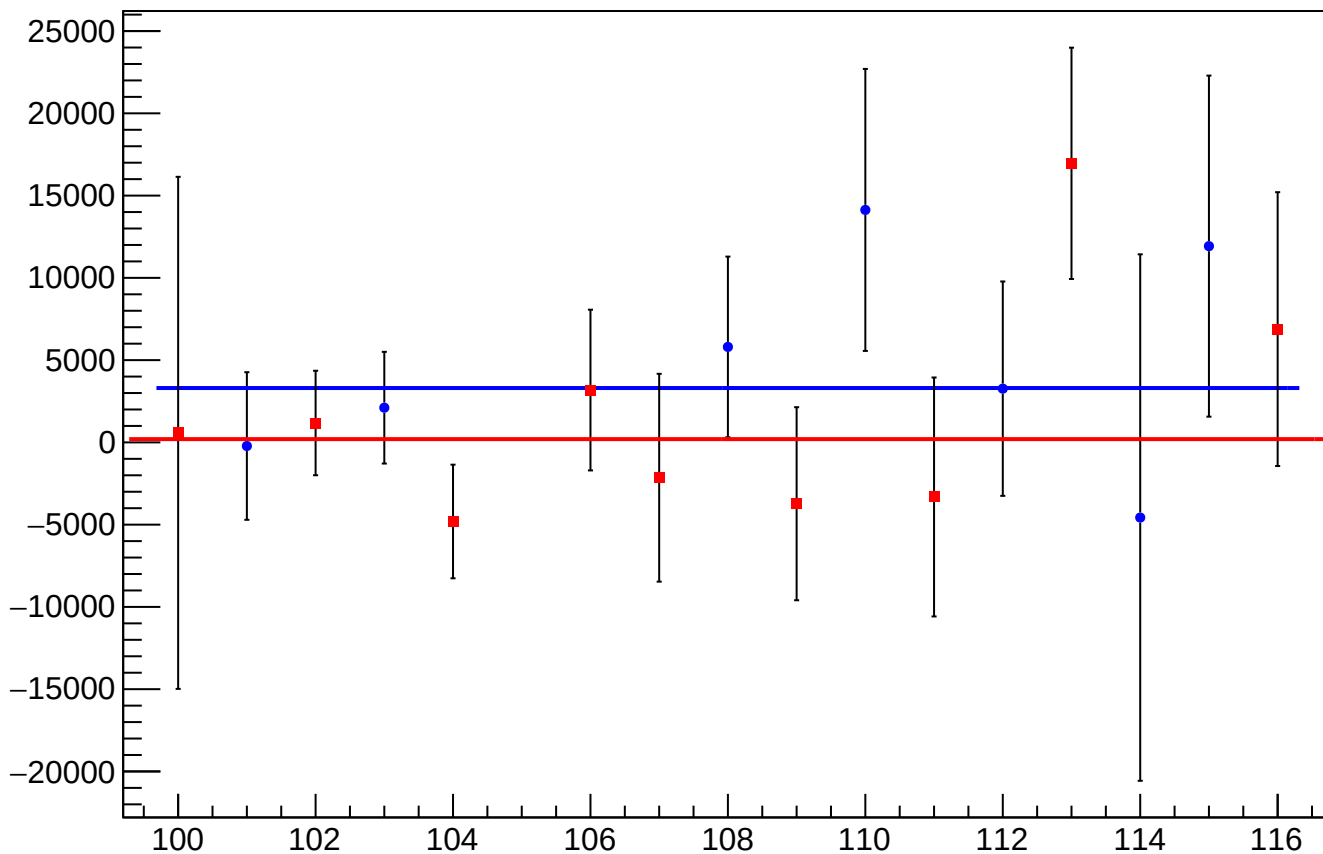
Right: 1856.903+/-0.552 χ^2/NDF : 831330.4/15

In: 1877.876+/-0.847 χ^2/NDF : 659814.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.903+/-0.552 χ^2/NDF : 831330.4/15

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3304.118+/-2131.727 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.316+/-1723.027 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

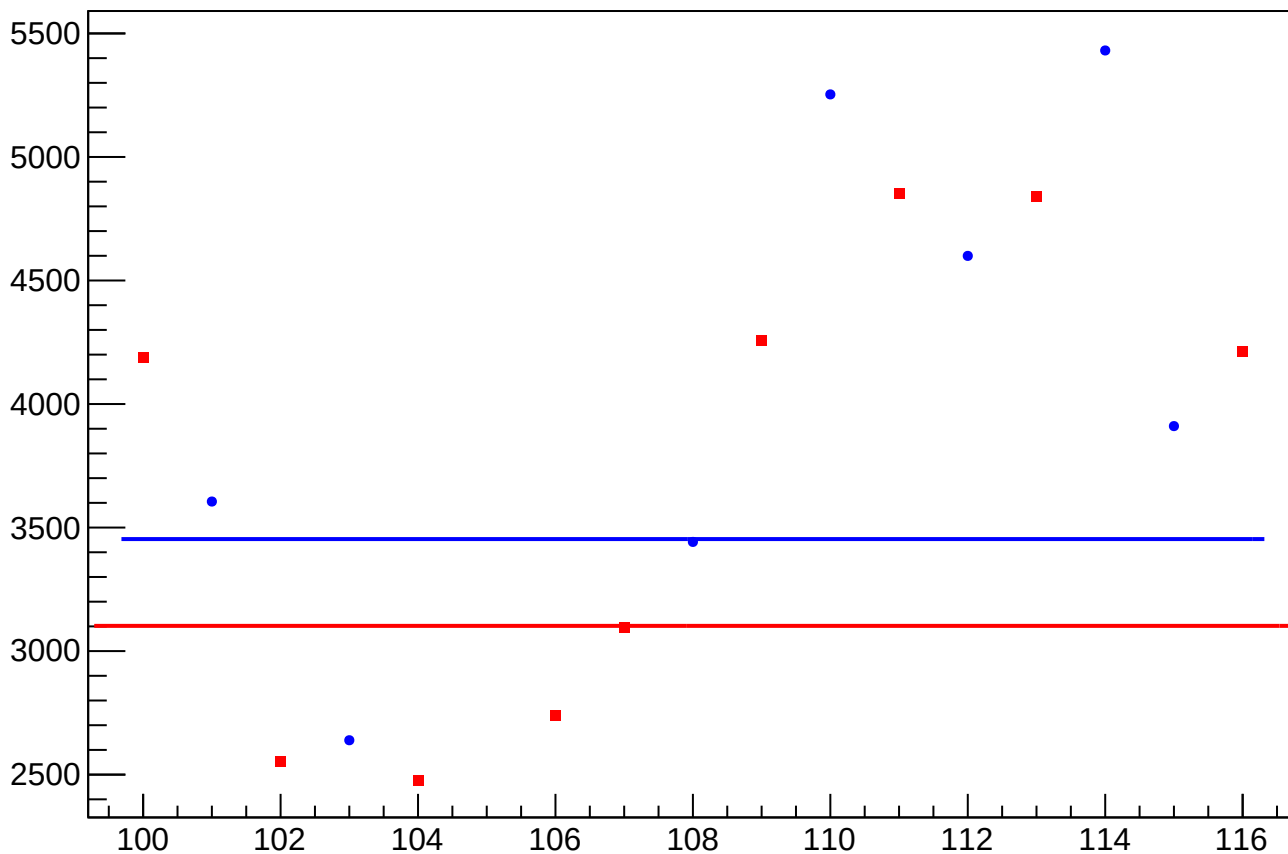
Right: 1425.585+/-1340.030 χ^2/NDF : 14.5/15

In: 3304.118+/-2131.727 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.585+/-1340.030 χ^2/NDF : 14.5/15

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3453.416+/-1.507 χ^2/NDF : 301950.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3102.099+/-1.218 χ^2/NDF : 497530.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

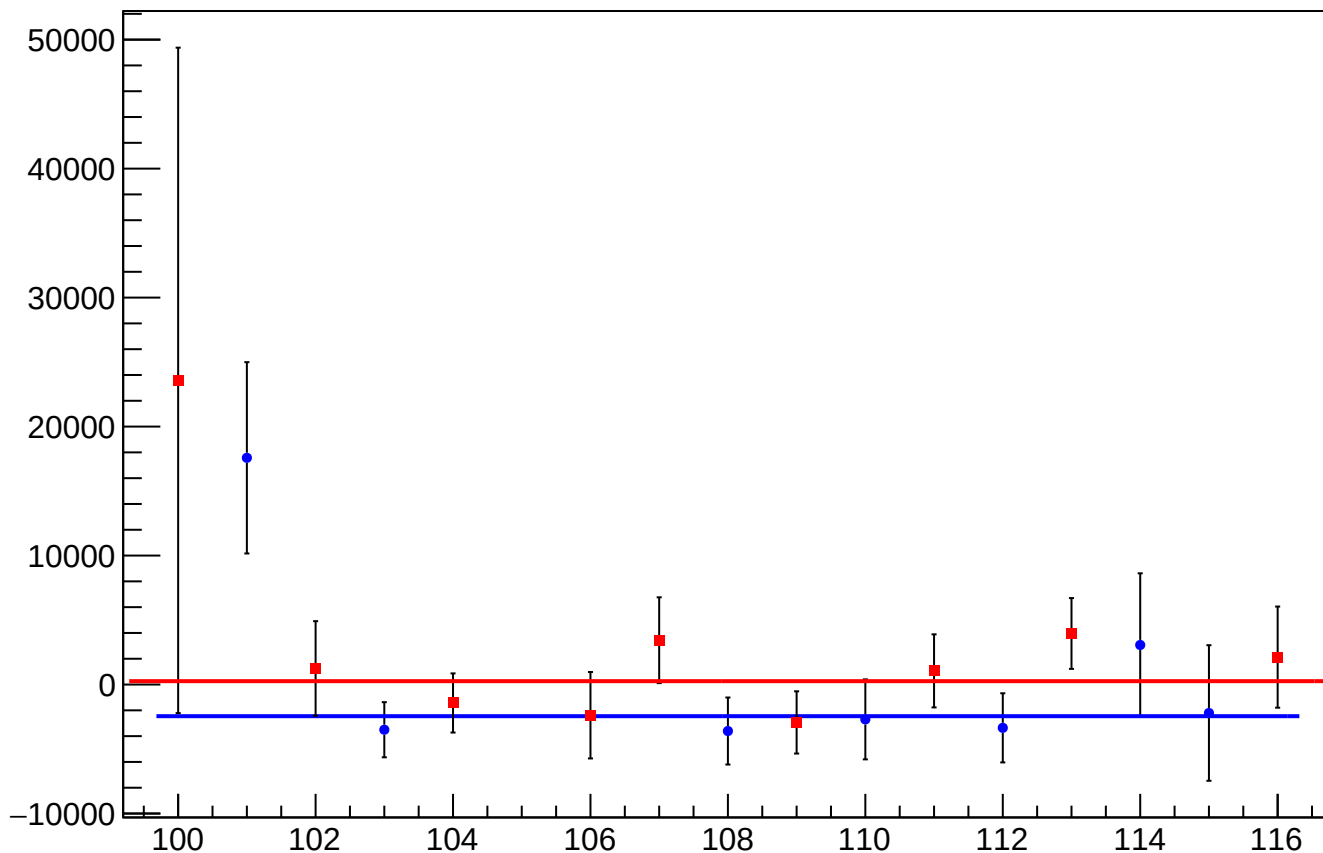
Right: 3240.923+/-0.948 χ^2/NDF : 832336.0/15

In: 3453.416+/-1.507 χ^2/NDF : 301950.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3240.923+/-0.948 χ^2/NDF : 832336.0/15

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2453.040+/-1197.933 χ^2 /NDF: 8.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 262.431+/-1031.579 χ^2 /NDF: 6.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

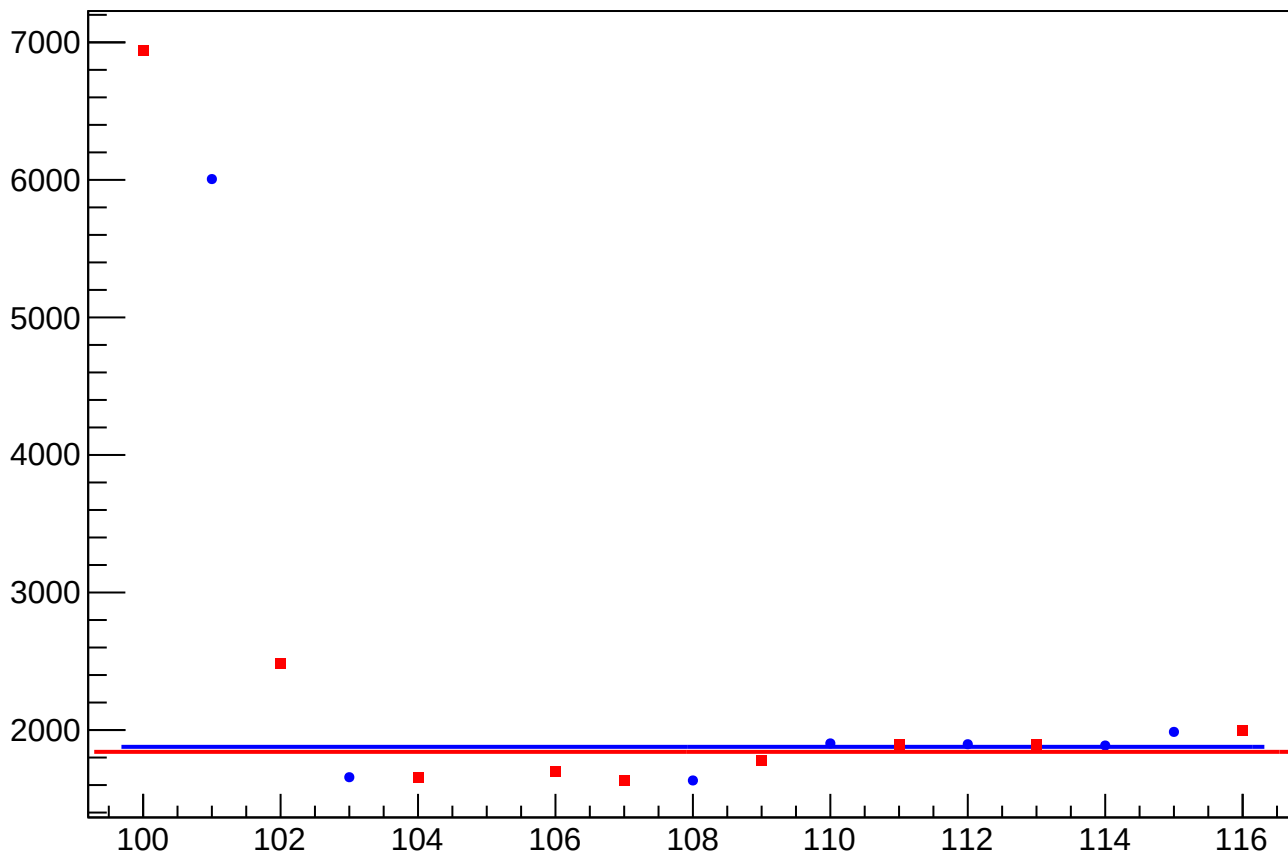
Right: -893.813+/-781.690 χ^2 /NDF: 18.6/15

In: -2453.040+/-1197.933 χ^2 /NDF:8.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -893.813+/-781.690 χ^2 /NDF: 18.6/15

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1877.876+/-0.847 χ^2/NDF : 659814.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1841.419+/-0.728 χ^2/NDF : 170450.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

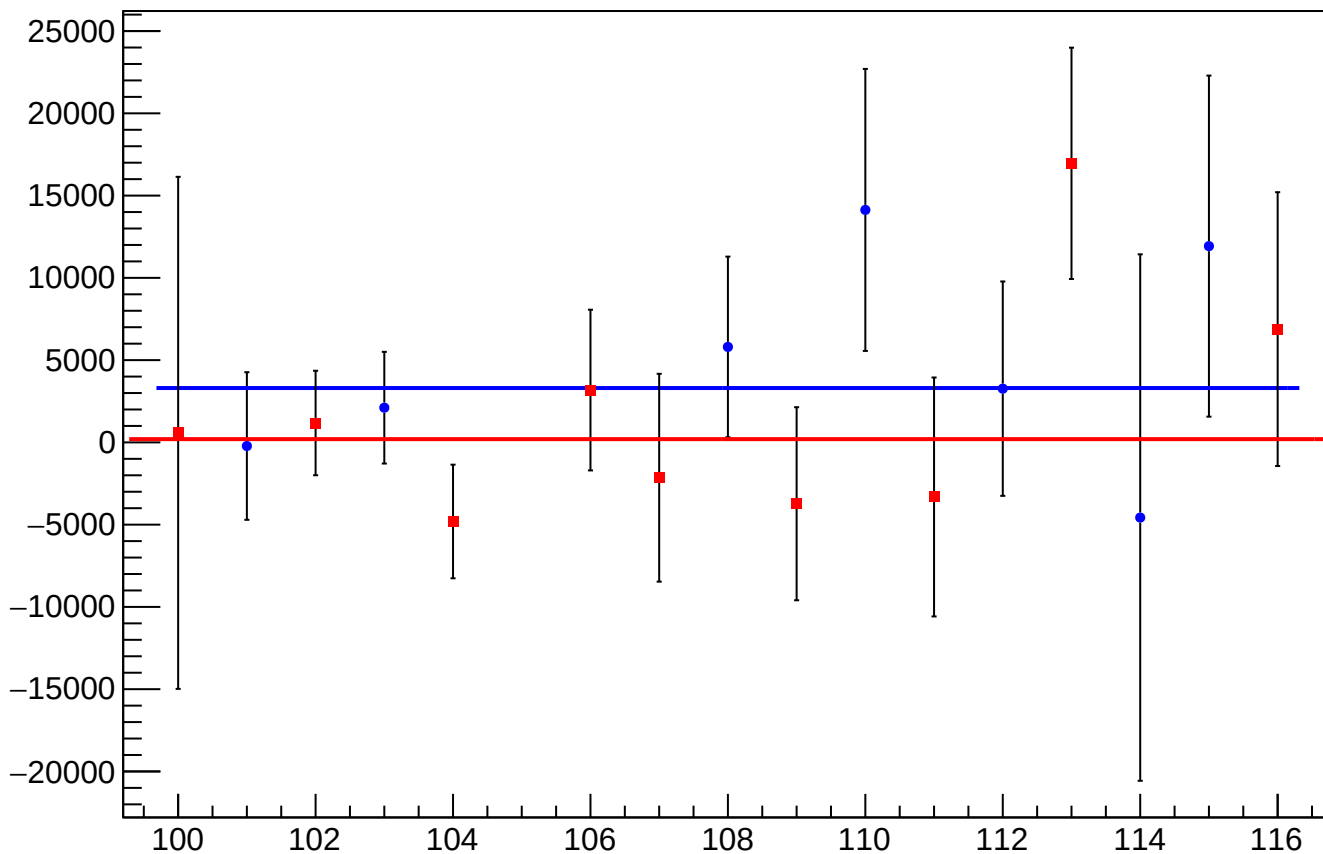
Right: 1856.902+/-0.552 χ^2/NDF : 831330.4/15

In: 1877.876+/-0.847 χ^2/NDF : 659814.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.902+/-0.552 χ^2/NDF : 831330.4/15

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3304.124+/-2131.726 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.315+/-1723.025 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

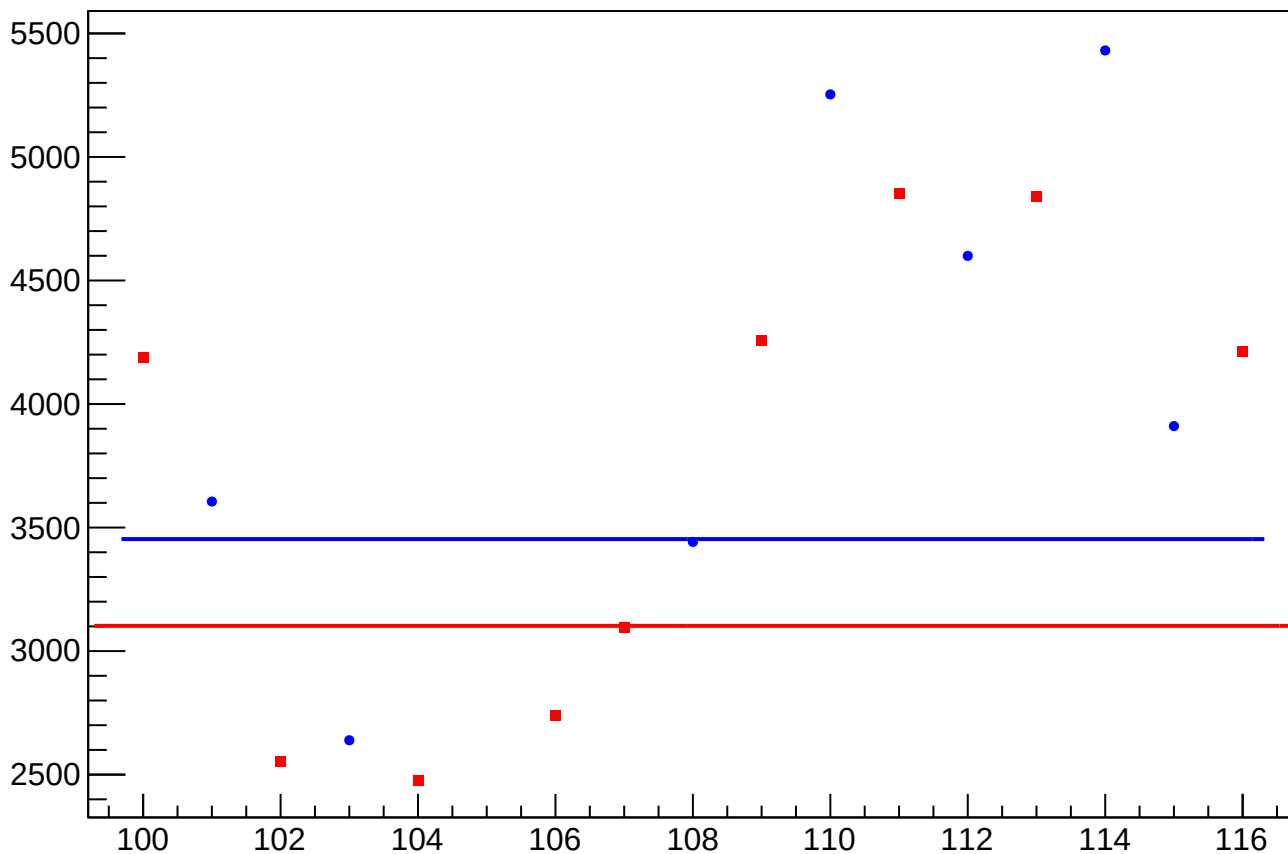
Right: 1425.586+/-1340.029 χ^2/NDF : 14.5/15

In: 3304.124+/-2131.726 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.586+/-1340.029 χ^2/NDF : 14.5/15

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3453.415+/-1.507 χ^2/NDF : 301948.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3102.097+/-1.218 χ^2/NDF : 497528.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

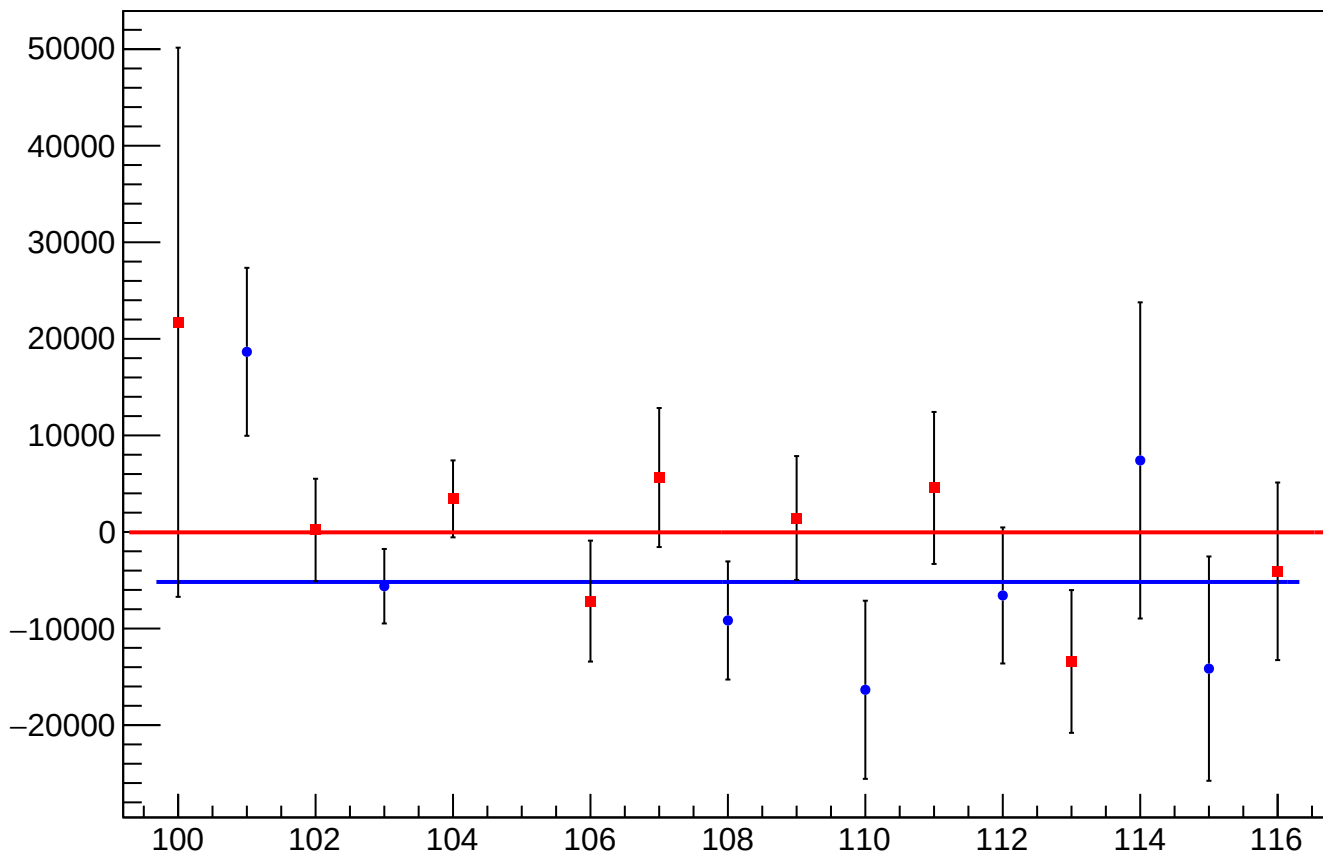
Right: 3240.921+/-0.948 χ^2/NDF : 832332.5/15

In: 3453.415+/-1.507 χ^2/NDF : 301948.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3240.921+/-0.948 χ^2/NDF : 832332.5/15

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -5176.314+/-2580.355 χ^2/NDF : 10.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.738+/-2155.843 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

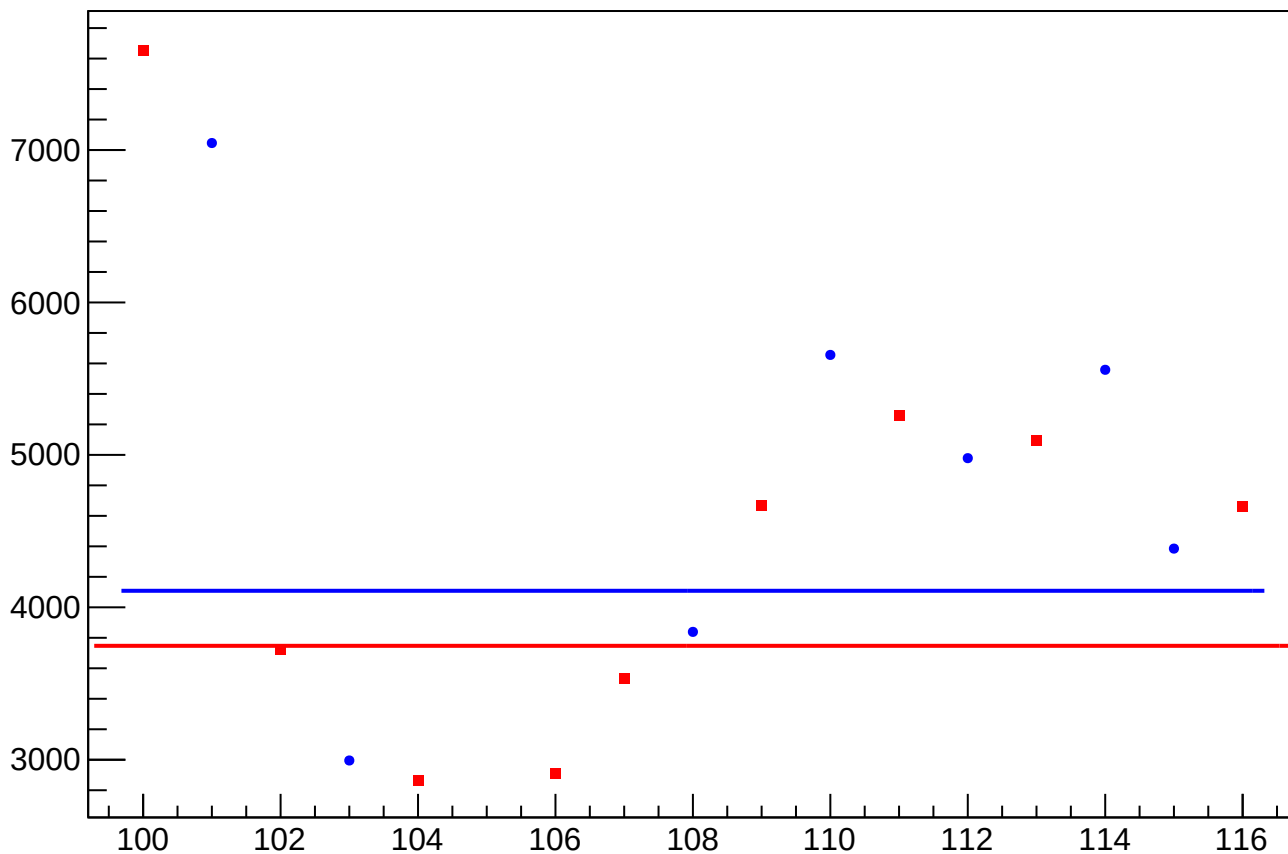
Right: -2150.707+/-1654.414 χ^2/NDF : 20.1/15

In: -5176.314+/-2580.355 χ^2/NDF : 10.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2150.707+/-1654.414 χ^2/NDF : 20.1/15

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4108.457+/-1.825 χ^2/NDF : 502235.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3747.417+/-1.503 χ^2/NDF : 383621.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

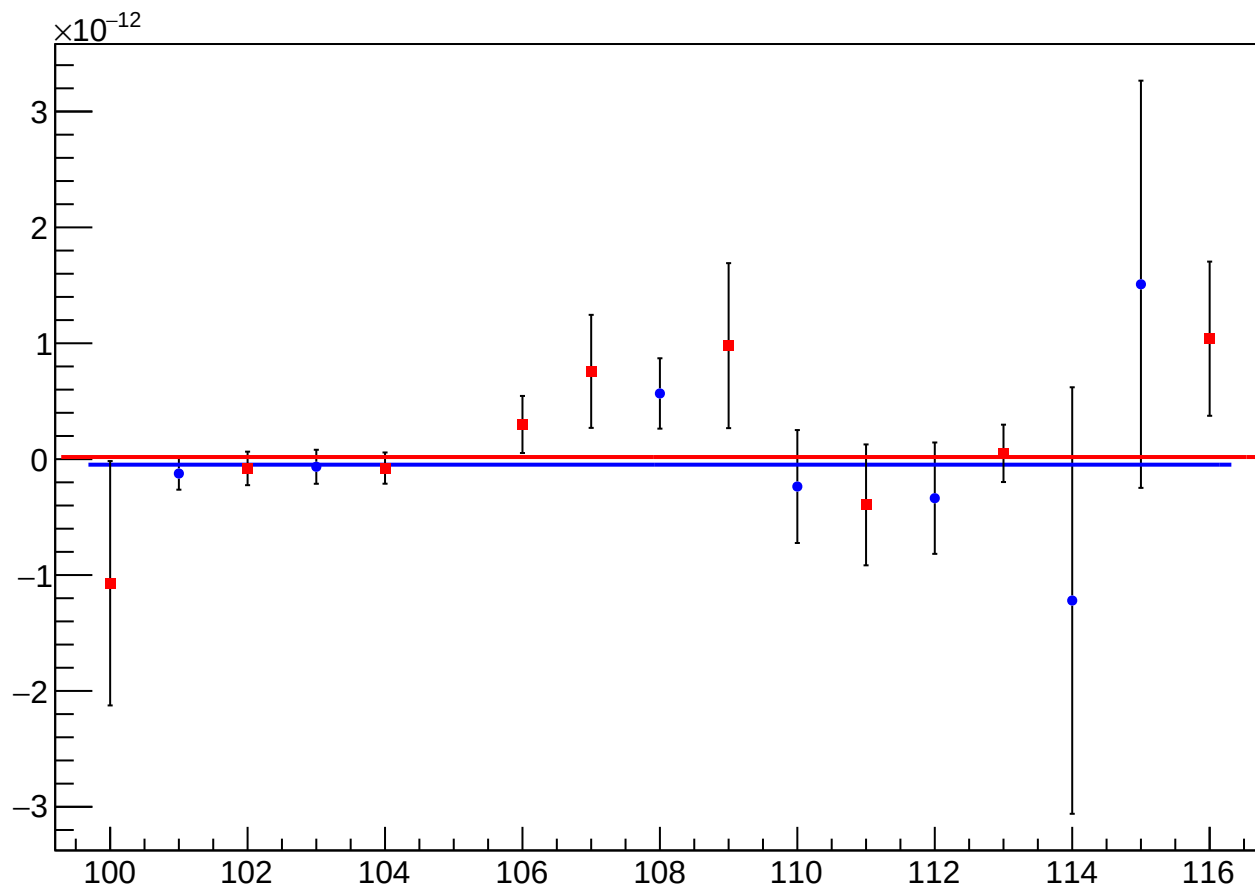
Right: 3893.329+/-1.160 χ^2/NDF : 909187.7/15

In: 4108.457+/-1.825 χ^2/NDF : 502235.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3893.329+/-1.160 χ^2/NDF : 909187.7/15

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

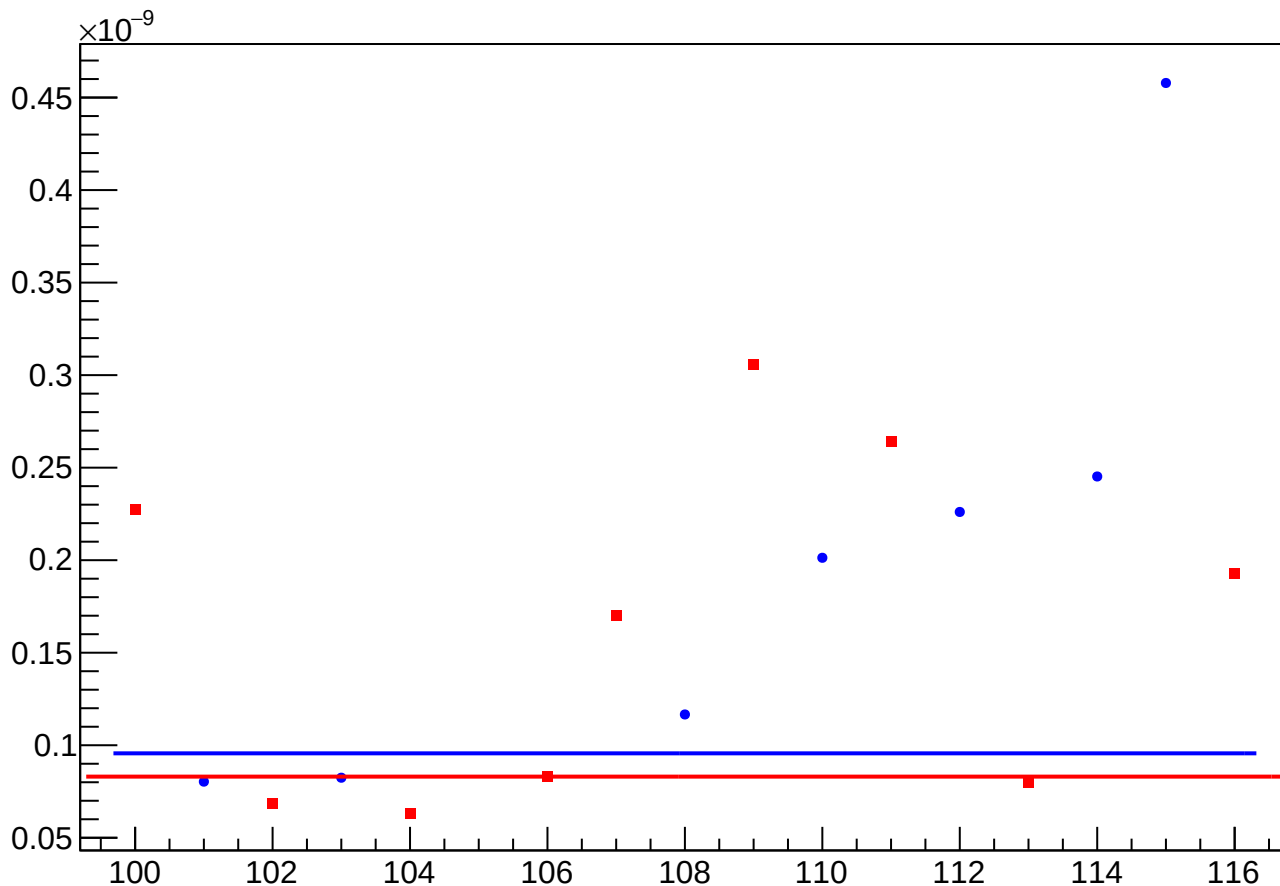
Right: -0.000+/-0.000 χ^2 /NDF: 16.9/15

In: -0.000+/-0.000 χ^2 /NDF:6.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.9/15

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 389459.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 656915.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

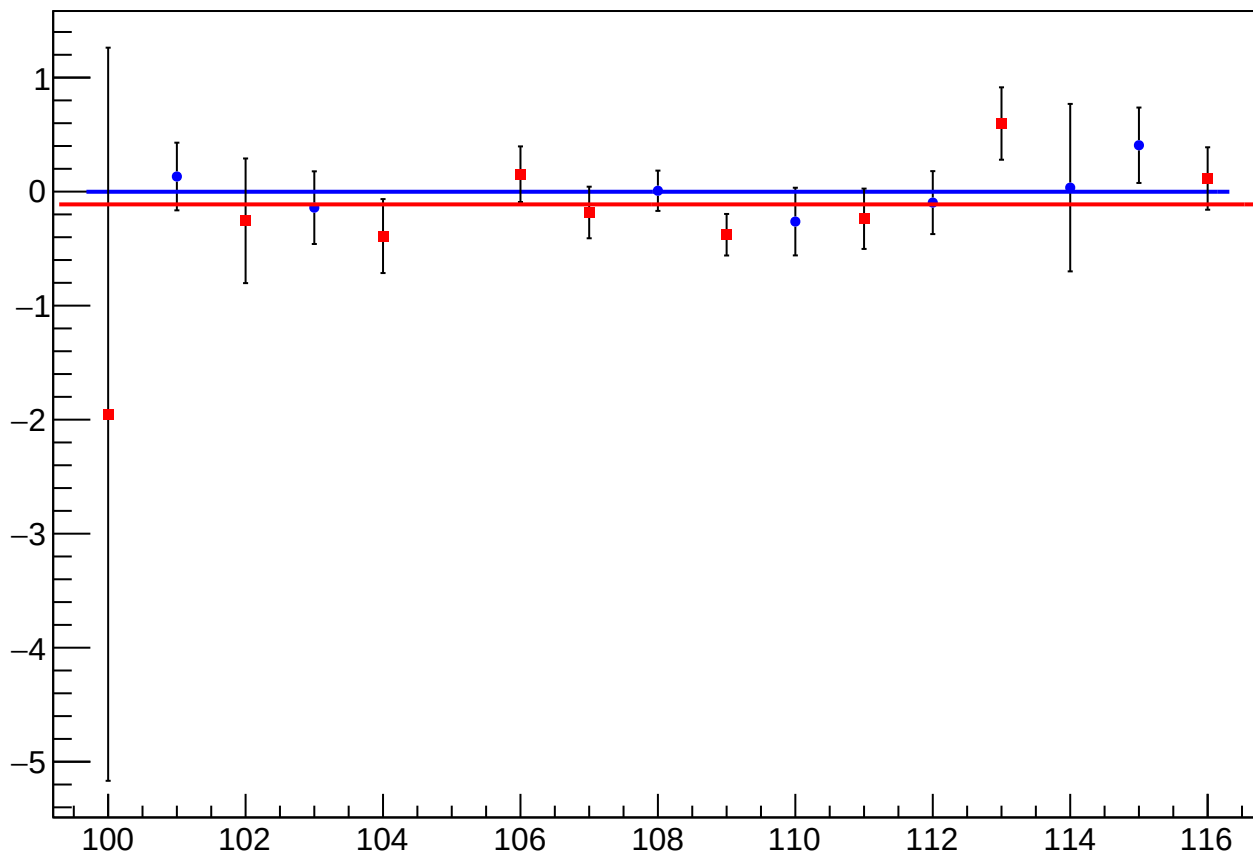
Right: 0.000+/-0.000 χ^2/NDF : 1067193.8/15

In: 0.000+/-0.000 χ^2/NDF : 389459.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1067193.8/15

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.106 χ^2/NDF : 2.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.112 ± 0.092 χ^2/NDF : 10.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

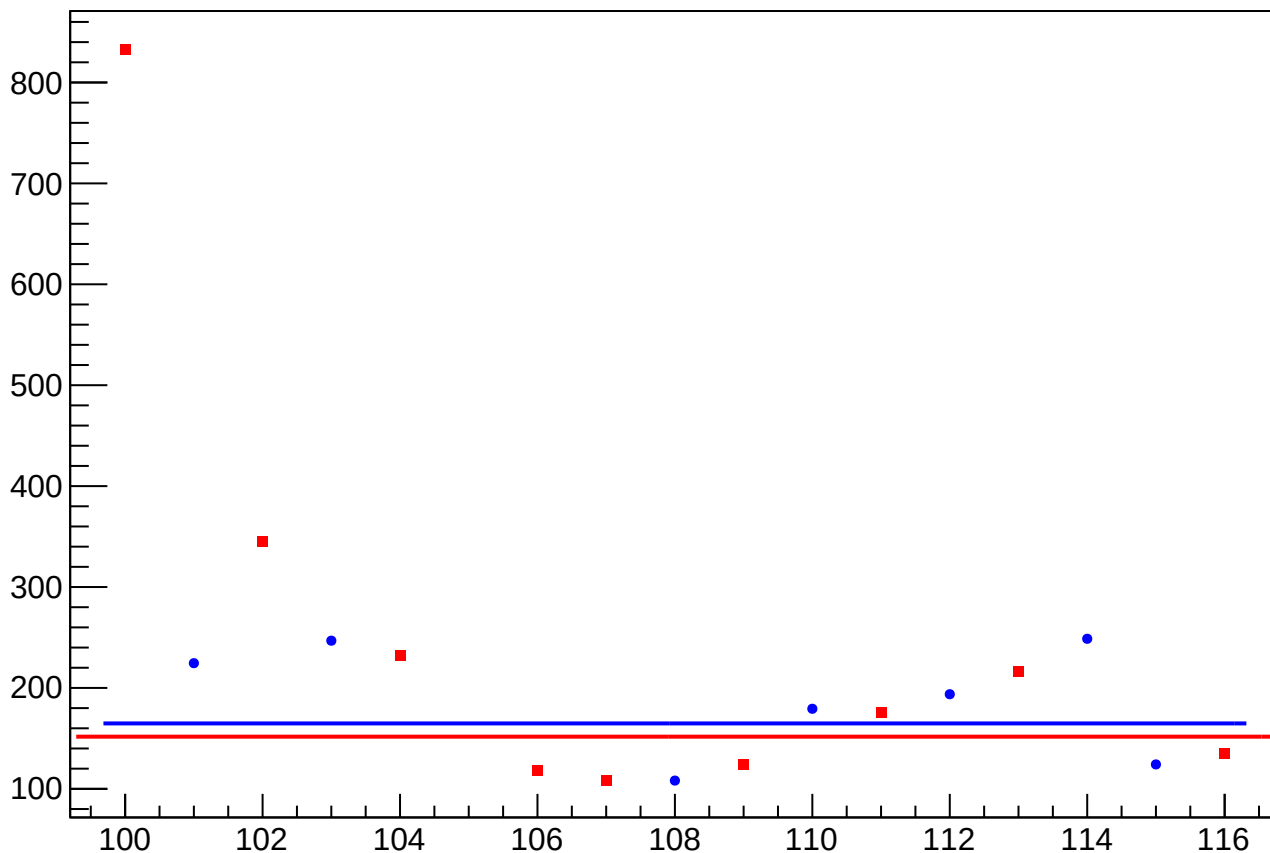
Right: -0.064 ± 0.070 χ^2/NDF : 13.9/15

In: -0.001 ± 0.106 χ^2/NDF : 2.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.064 ± 0.070 χ^2/NDF : 13.9/15

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.823+/-0.075 χ^2/NDF : 501958.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.705+/-0.065 χ^2/NDF : 727971.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

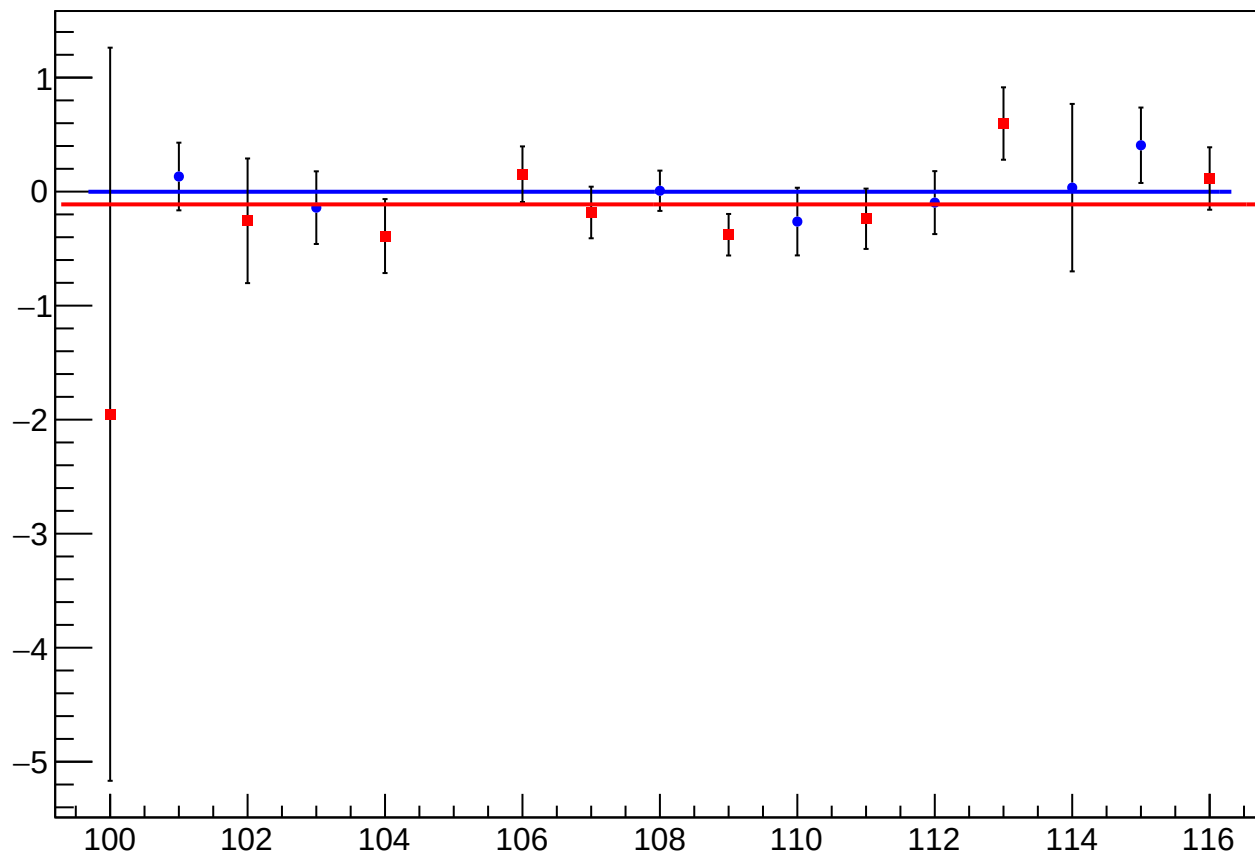
Right: 157.362+/-0.049 χ^2/NDF : 1247298.3/15

In: 164.823+/-0.075 χ^2/NDF : 501958.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.362+/-0.049 χ^2/NDF : 1247298.3/15

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.106 χ^2/NDF : 2.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.112 ± 0.092 χ^2/NDF : 10.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

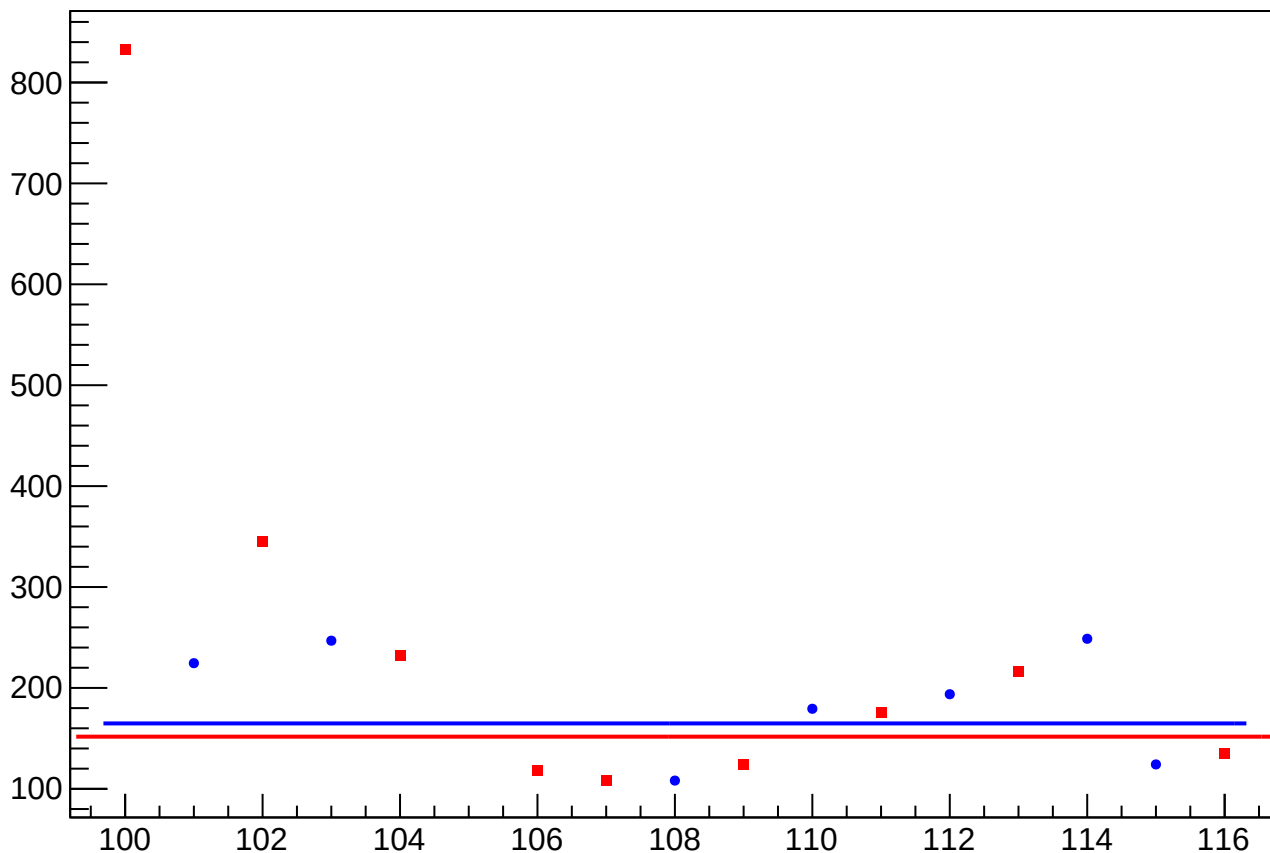
Right: -0.064 ± 0.070 χ^2/NDF : 13.9/15

In: -0.001 ± 0.106 χ^2/NDF : 2.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.064 ± 0.070 χ^2/NDF : 13.9/15

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.823+/-0.075 χ^2/NDF : 501958.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.705+/-0.065 χ^2/NDF : 727971.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

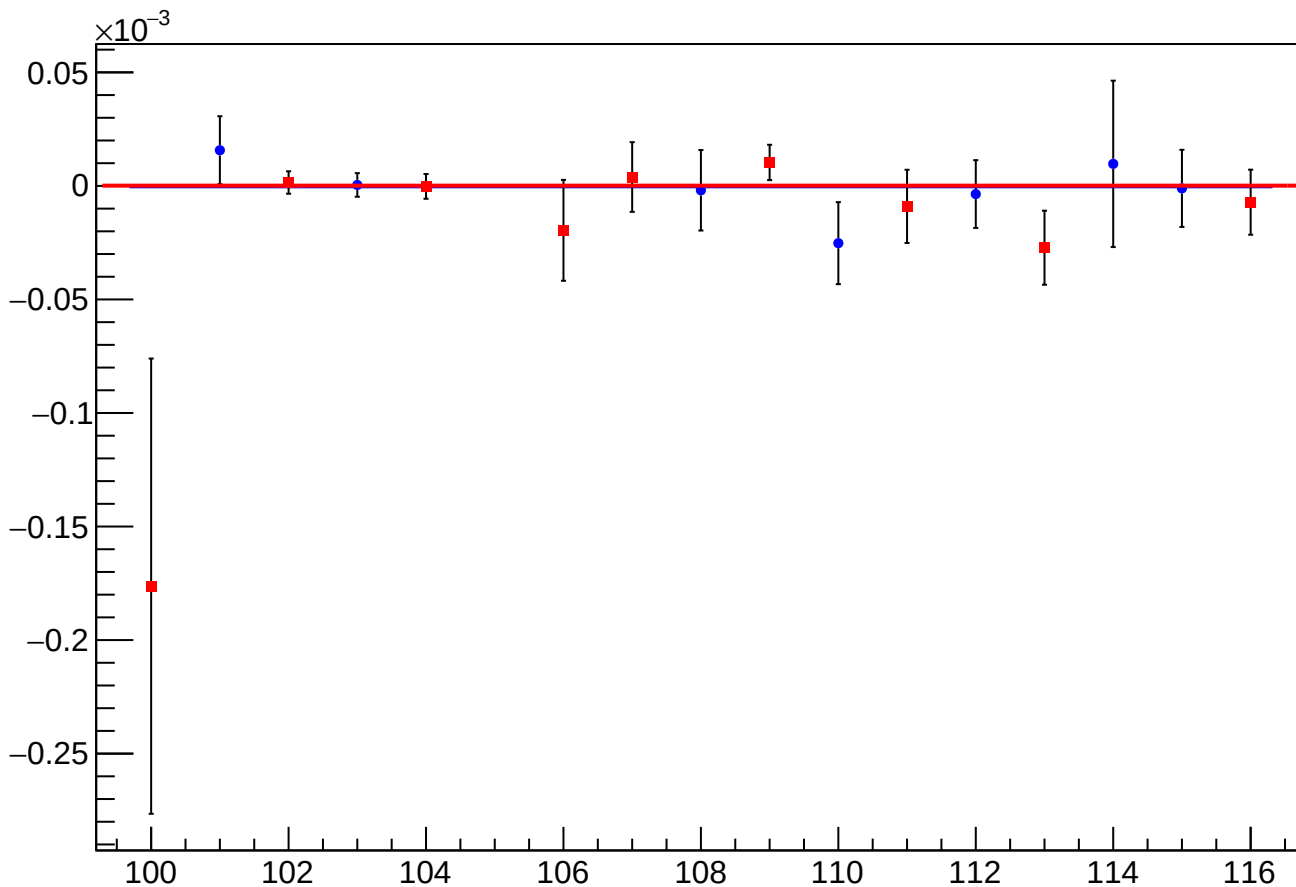
Right: 157.362+/-0.049 χ^2/NDF : 1247298.3/15

In: 164.823+/-0.075 χ^2/NDF : 501958.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.362+/-0.049 χ^2/NDF : 1247298.3/15

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

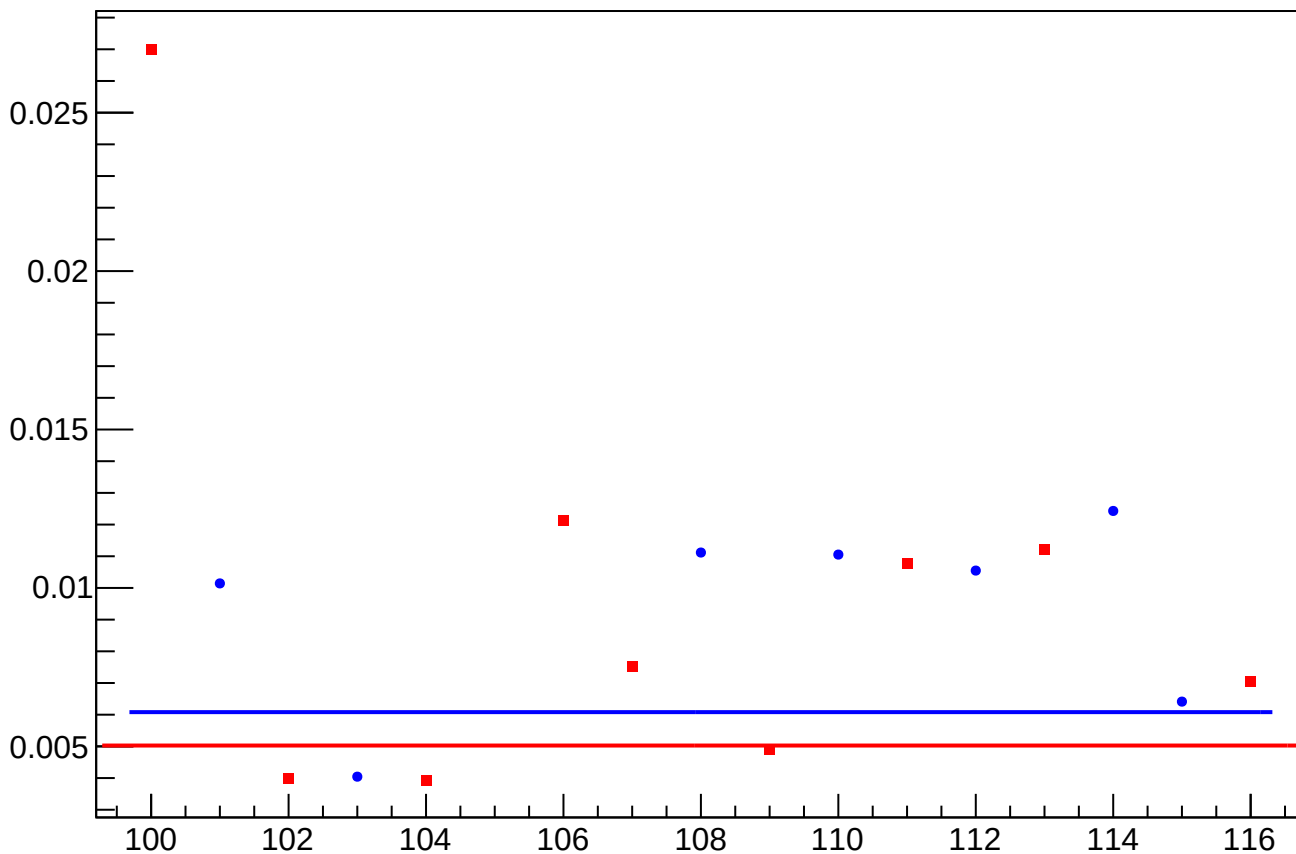
Right: 0.000+/-0.000 χ^2/NDF : 12.3/15

In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/15

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1007034.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1109182.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

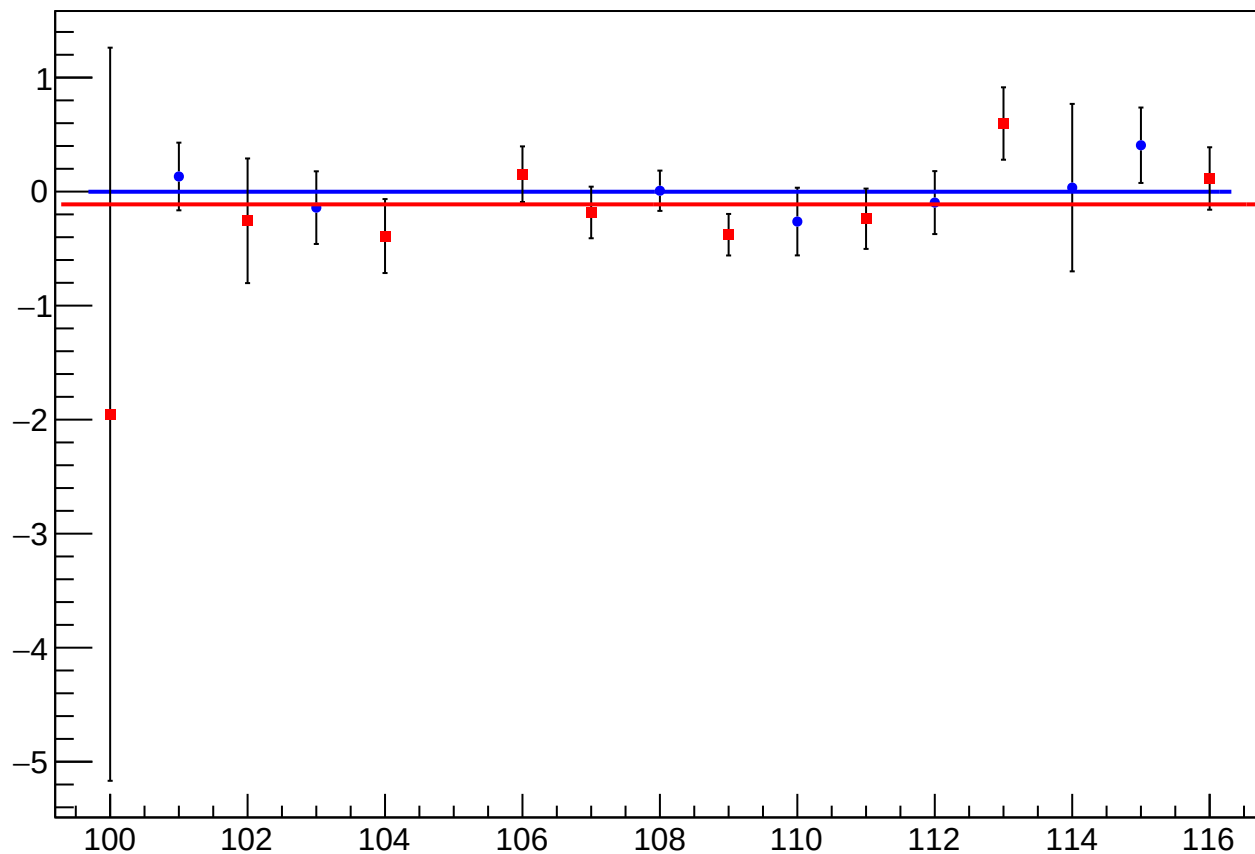
Right: 0.005+/-0.000 χ^2/NDF : 2199084.6/15

In: 0.006+/-0.000 χ^2/NDF : 1007034.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2199084.6/15

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.106 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.112 $\pm$ 0.092 χ^2 /NDF: 10.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

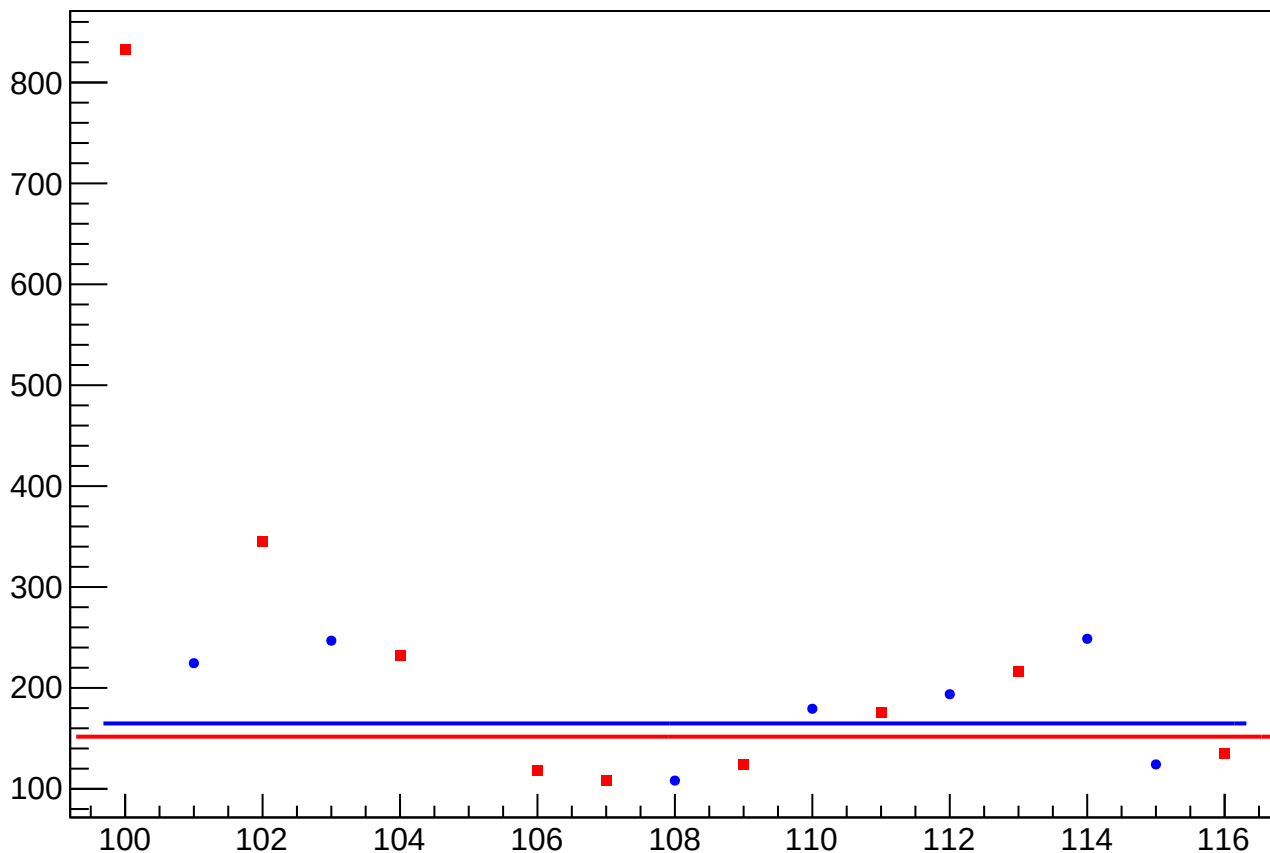
Right: -0.064 $\pm$ 0.070 χ^2 /NDF: 13.9/15

In: -0.001 $\pm$ 0.106 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.064 $\pm$ 0.070 χ^2 /NDF: 13.9/15

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.820+/-0.075 χ^2/NDF : 502004.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.705+/-0.065 χ^2/NDF : 727975.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

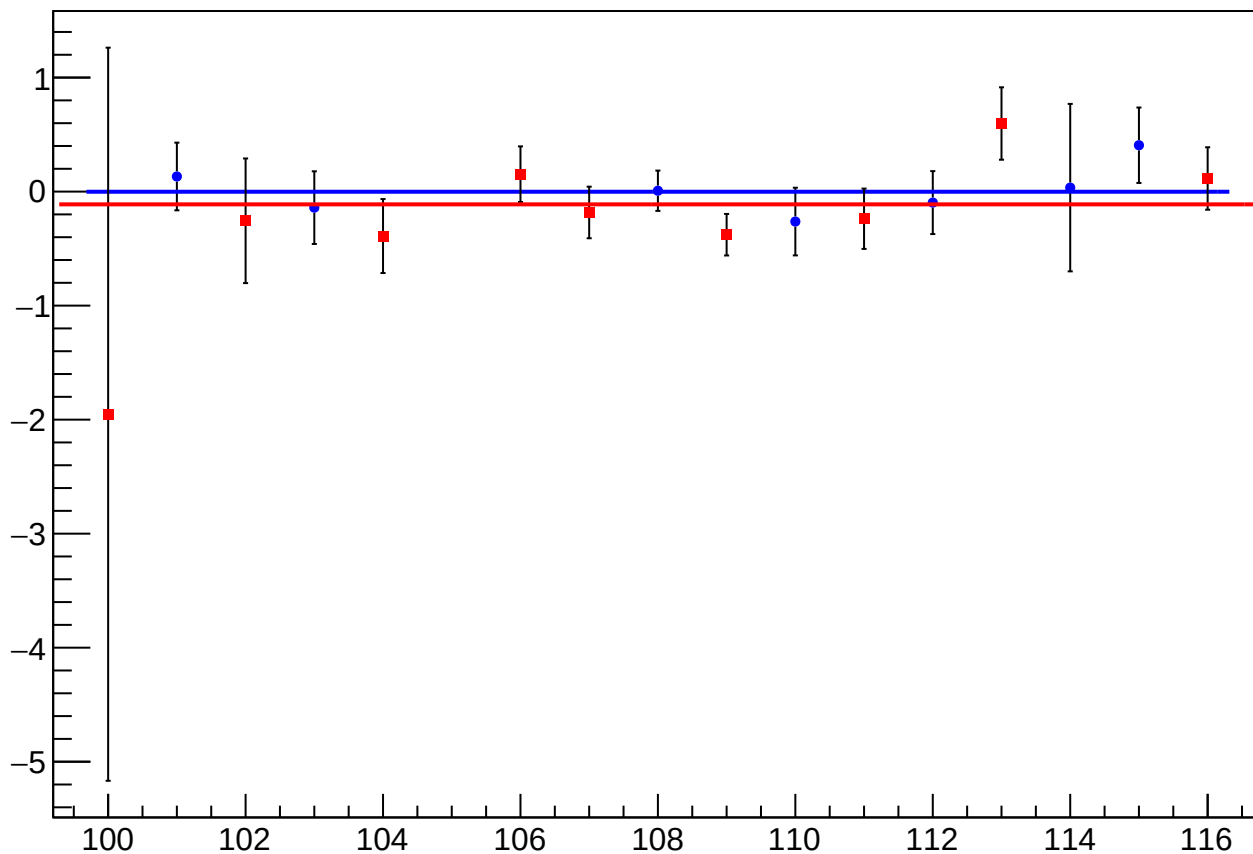
Right: 157.361+/-0.049 χ^2/NDF : 1247338.0/15

In: 164.820+/-0.075 χ^2/NDF : 502004.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.361+/-0.049 χ^2/NDF : 1247338.0/15

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.106 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.112 $\pm$ 0.092 χ^2 /NDF: 10.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

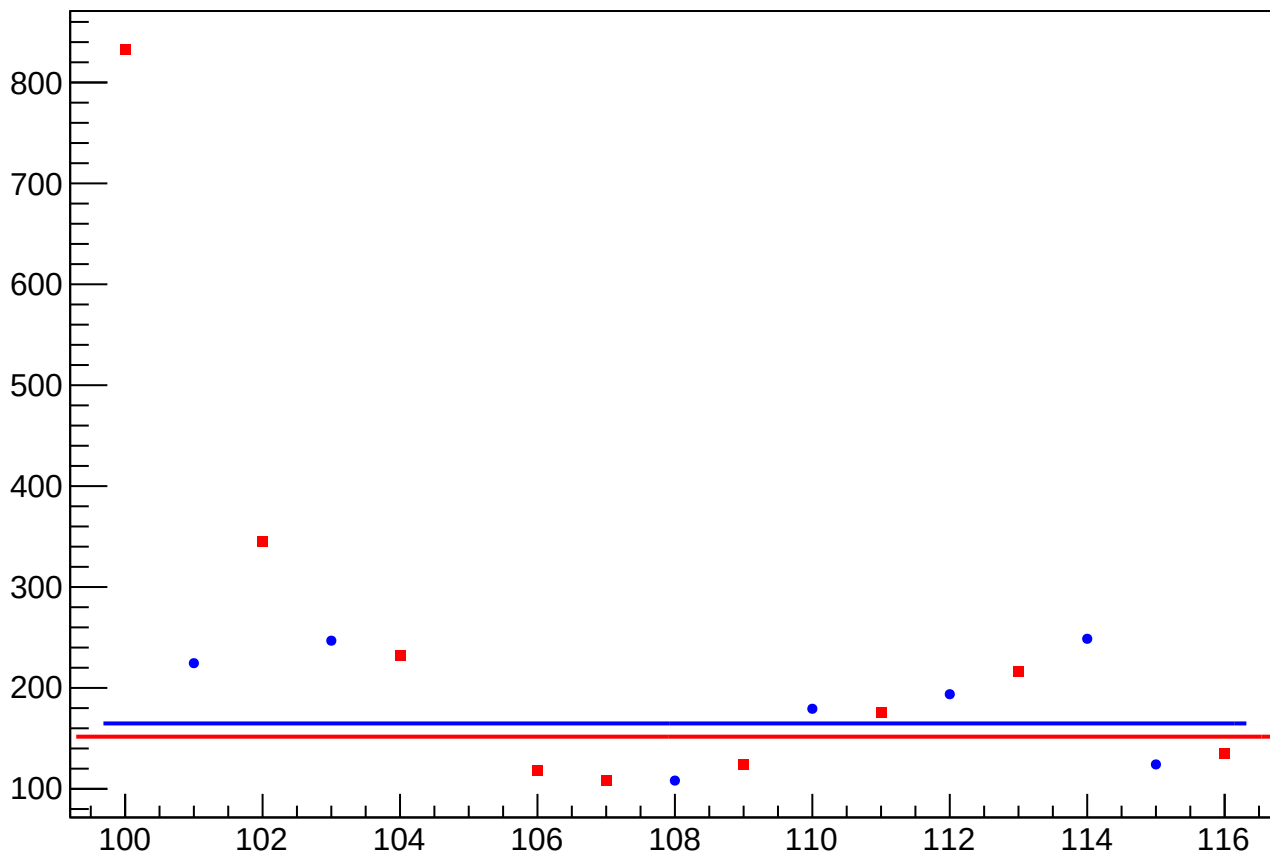
Right: -0.064 $\pm$ 0.070 χ^2 /NDF: 13.9/15

In: -0.001 $\pm$ 0.106 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.064 $\pm$ 0.070 χ^2 /NDF: 13.9/15

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.820+/-0.075 χ^2/NDF : 502004.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.705+/-0.065 χ^2/NDF : 727975.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

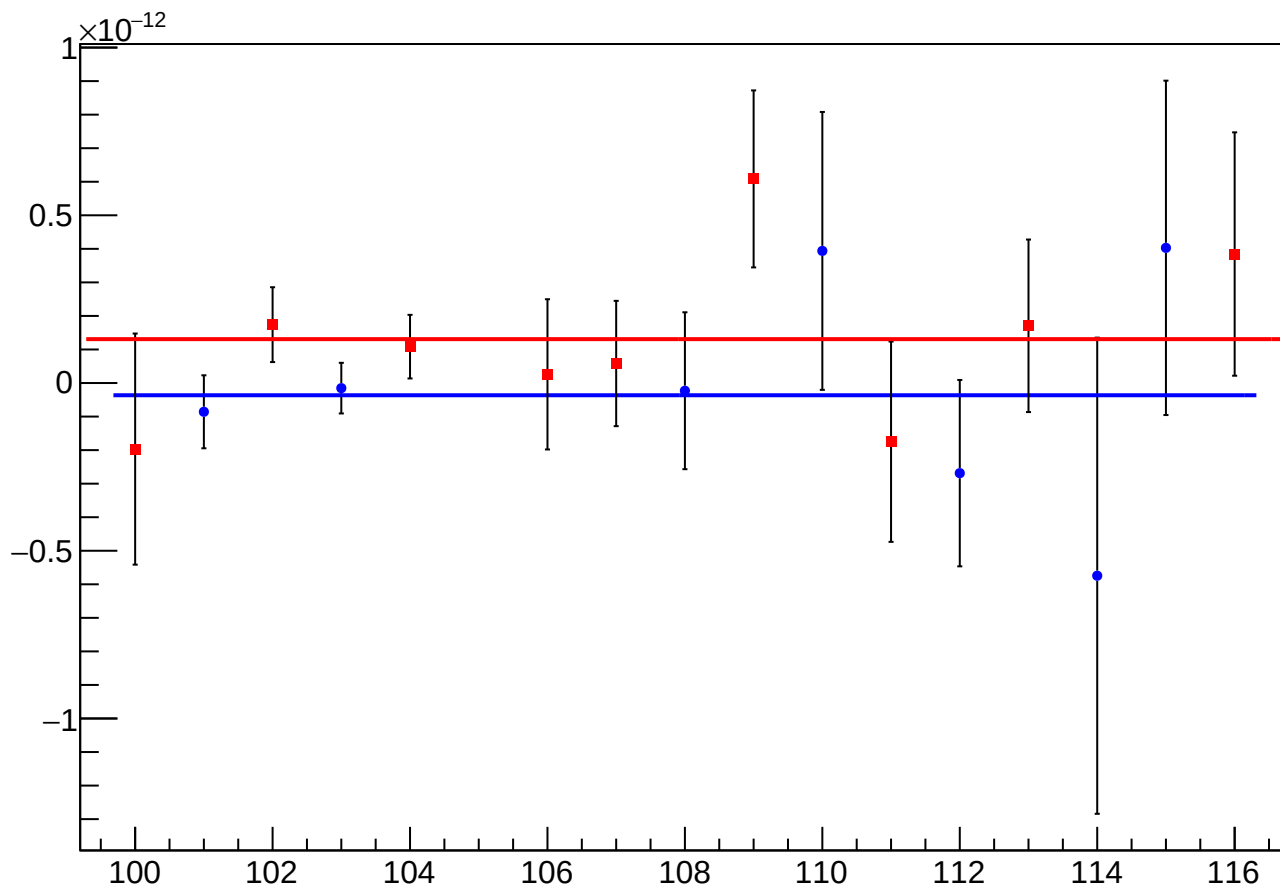
Right: 157.361+/-0.049 χ^2/NDF : 1247338.0/15

In: 164.820+/-0.075 χ^2/NDF : 502004.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.361+/-0.049 χ^2/NDF : 1247338.0/15

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

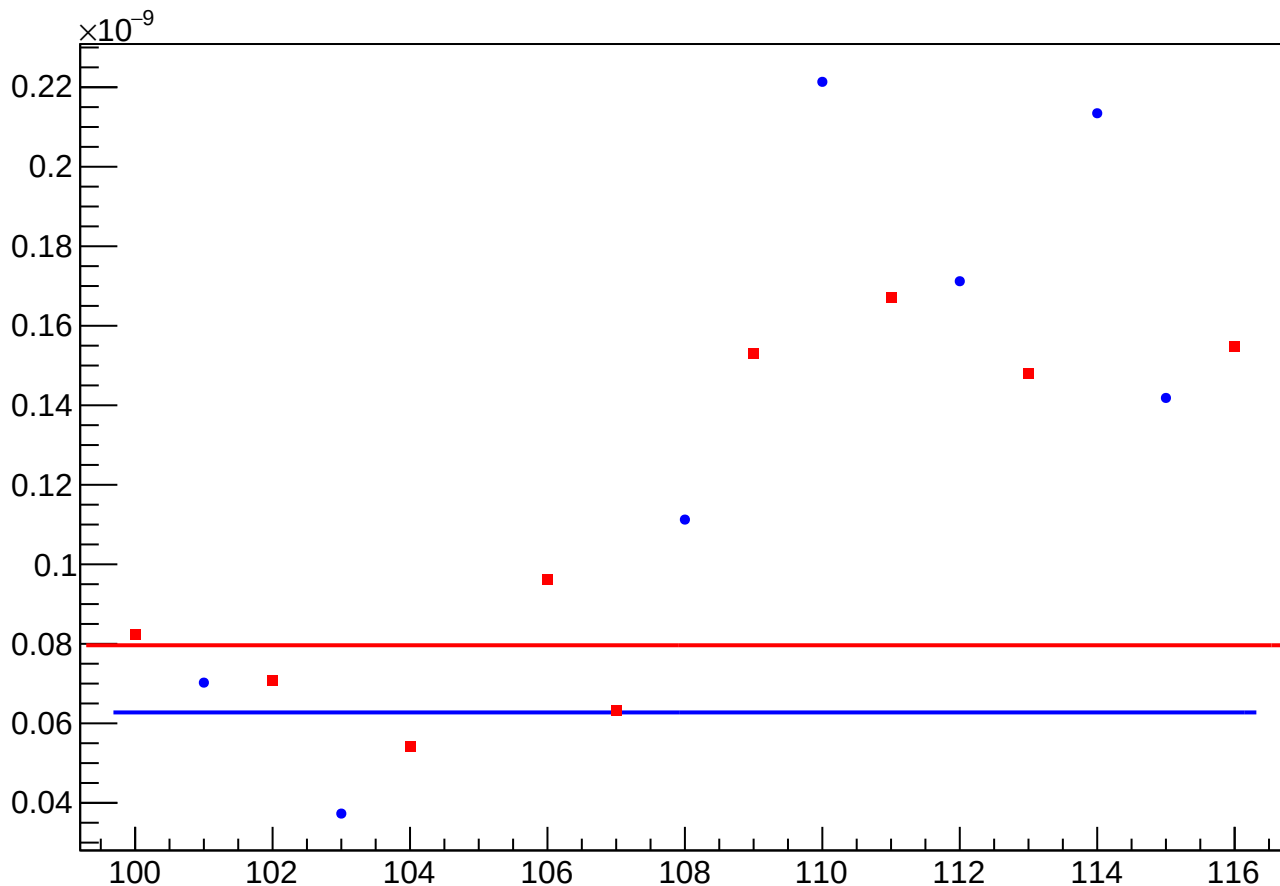
Right: 0.000+/-0.000 χ^2/NDF : 13.9/15

In: -0.000+/-0.000 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/15

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1061629.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 736081.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

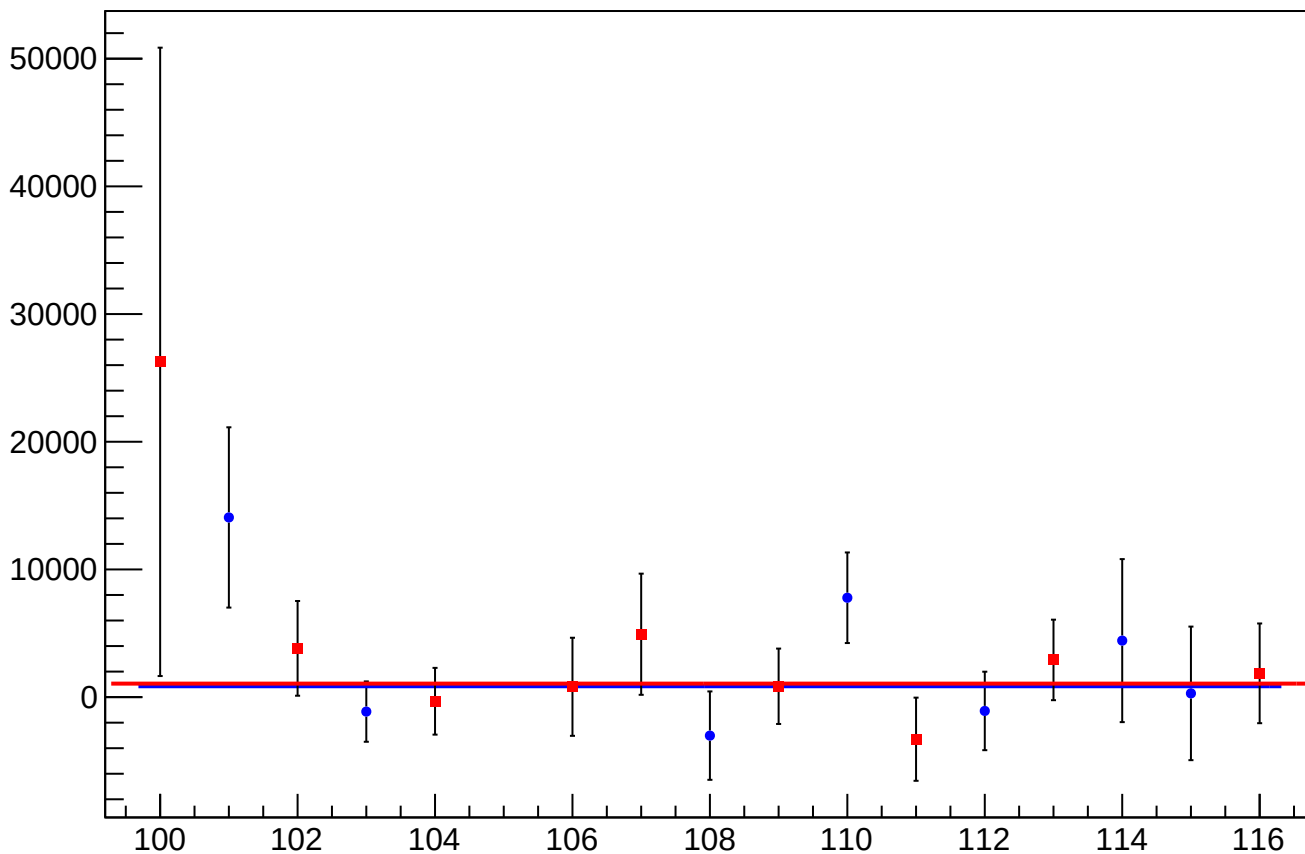
Right: 0.000+/-0.000 χ^2/NDF : 1883345.1/15

In: 0.000+/-0.000 χ^2/NDF : 1061629.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1883345.1/15

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 852.635+/-1374.751 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.218+/-1188.276 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

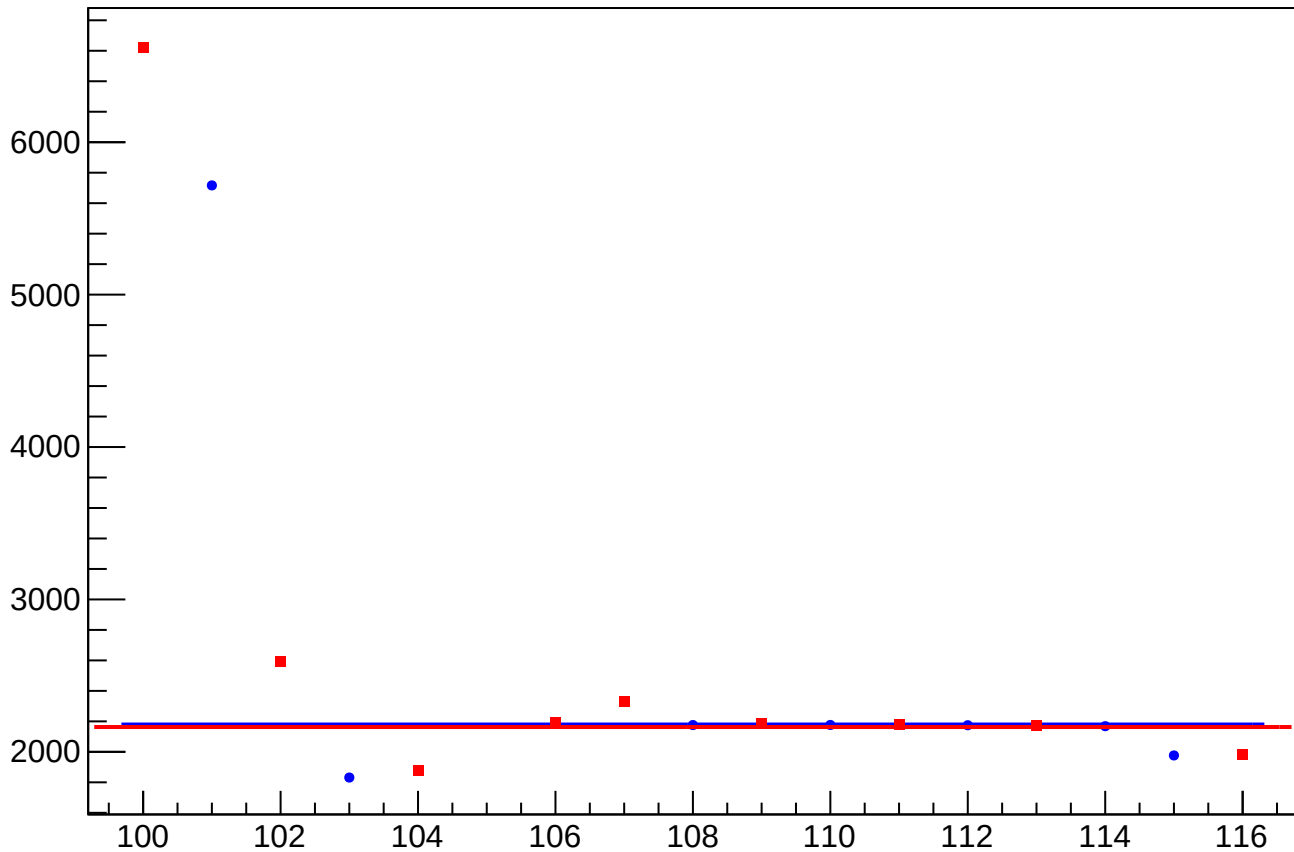
Right: 970.305+/-898.994 χ^2/NDF : 14.7/15

In: 852.635+/-1374.751 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.305+/-898.994 χ^2/NDF : 14.7/15

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2179.227+/-0.972 χ^2/NDF : 548503.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2162.913+/-0.840 χ^2/NDF : 123006.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

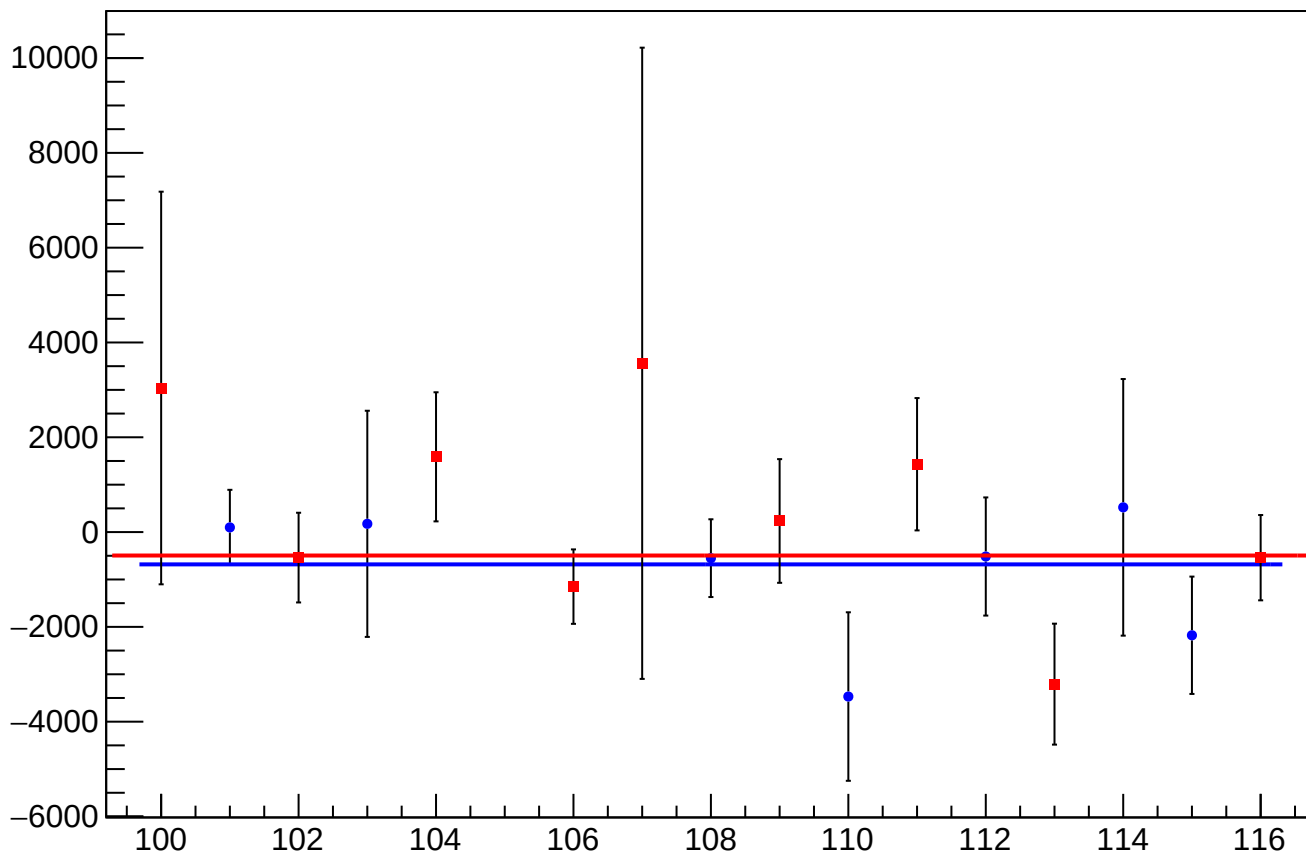
Right: 2169.889+/-0.636 χ^2/NDF : 671670.5/15

In: 2179.227+/-0.972 χ^2/NDF : 548503.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.889+/-0.636 χ^2/NDF : 671670.5/15

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -681.513+/-447.081 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -494.549+/-398.152 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

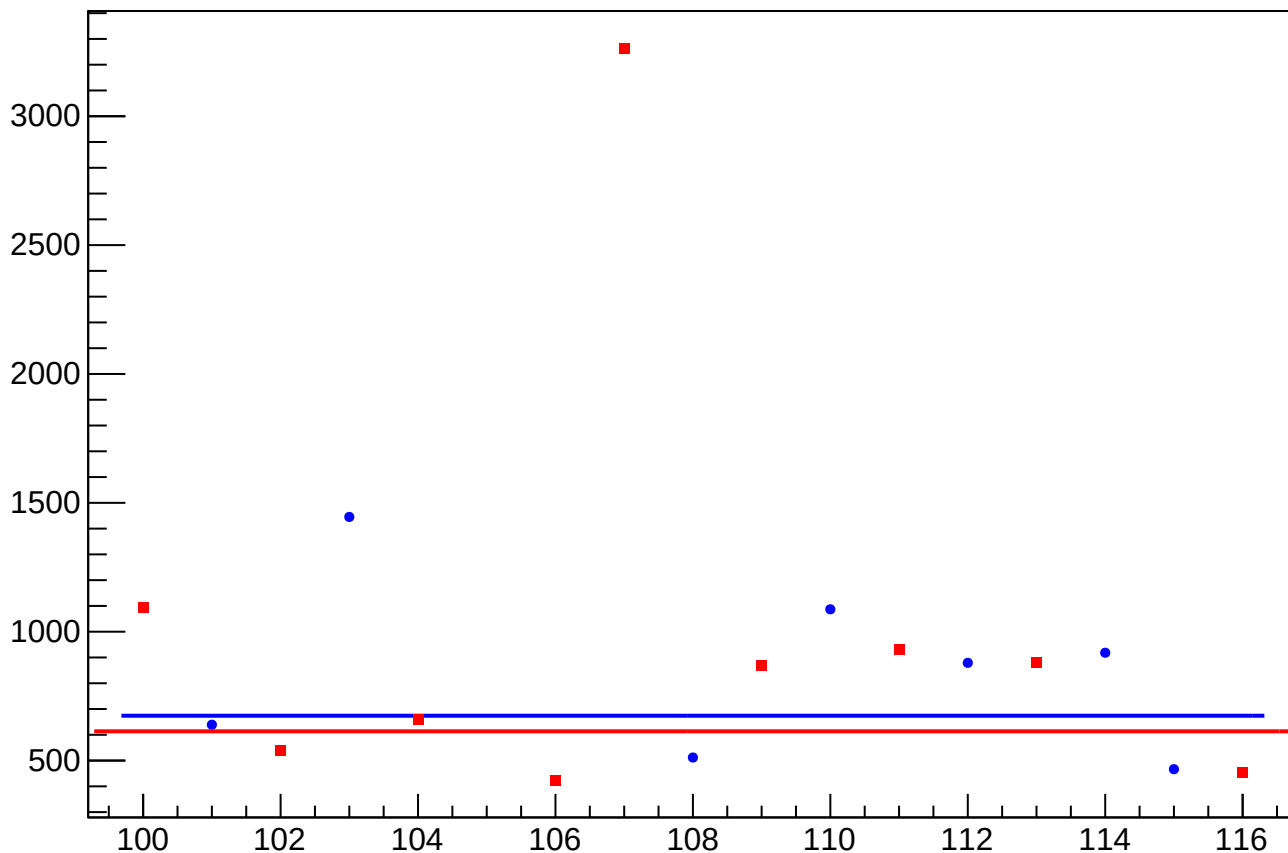
Right: -577.244+/-297.336 χ^2/NDF : 16.2/15

In: -681.513+/-447.081 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -577.244+/-297.336 χ^2/NDF : 16.2/15

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 673.965+/-0.316 χ^2/NDF : 525781.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.469+/-0.282 χ^2/NDF : 805974.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

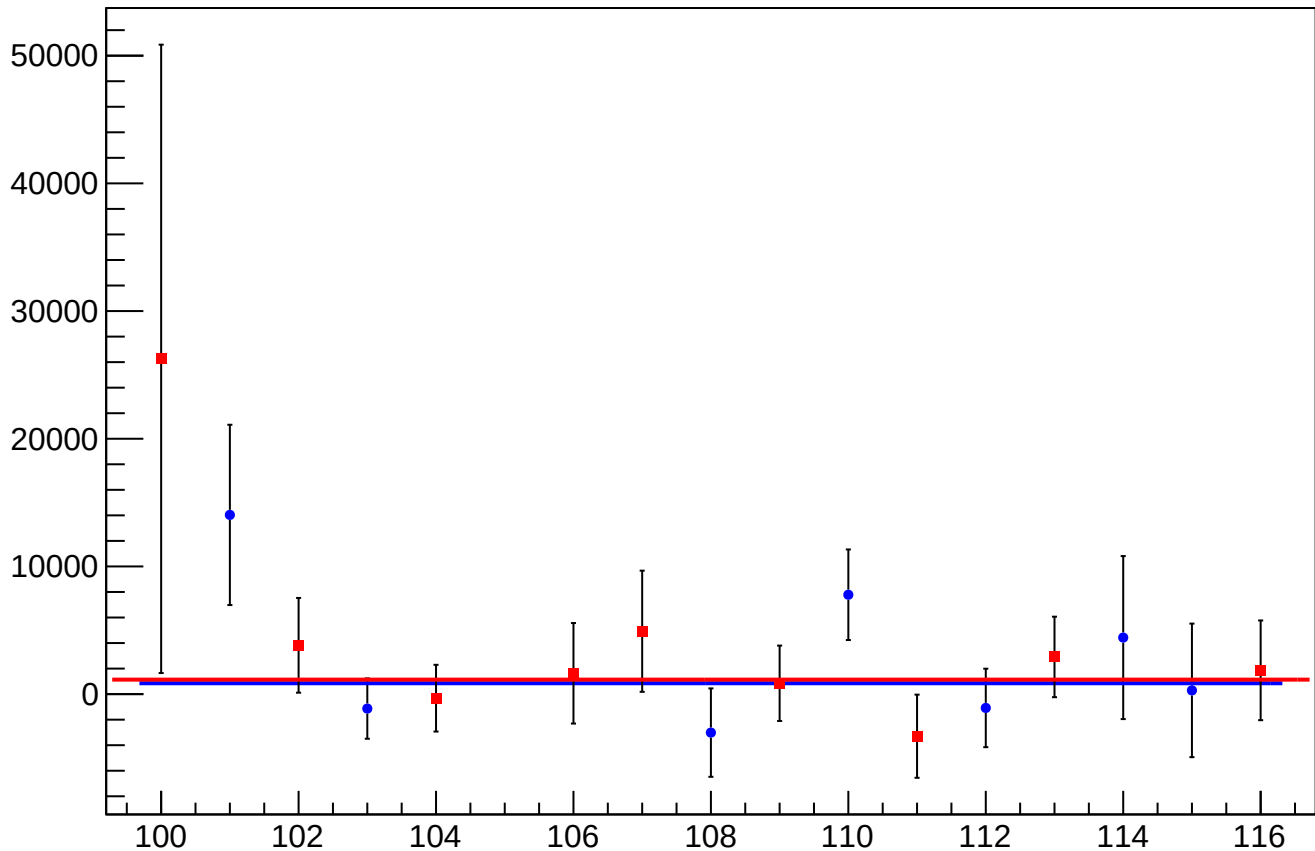
Right: 640.226+/-0.210 χ^2/NDF : 1352178.5/15

In: 673.965+/-0.316 χ^2/NDF : 525781.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.226+/-0.210 χ^2/NDF : 1352178.5/15

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 851.827+/-1374.752 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.640+/-1191.004 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

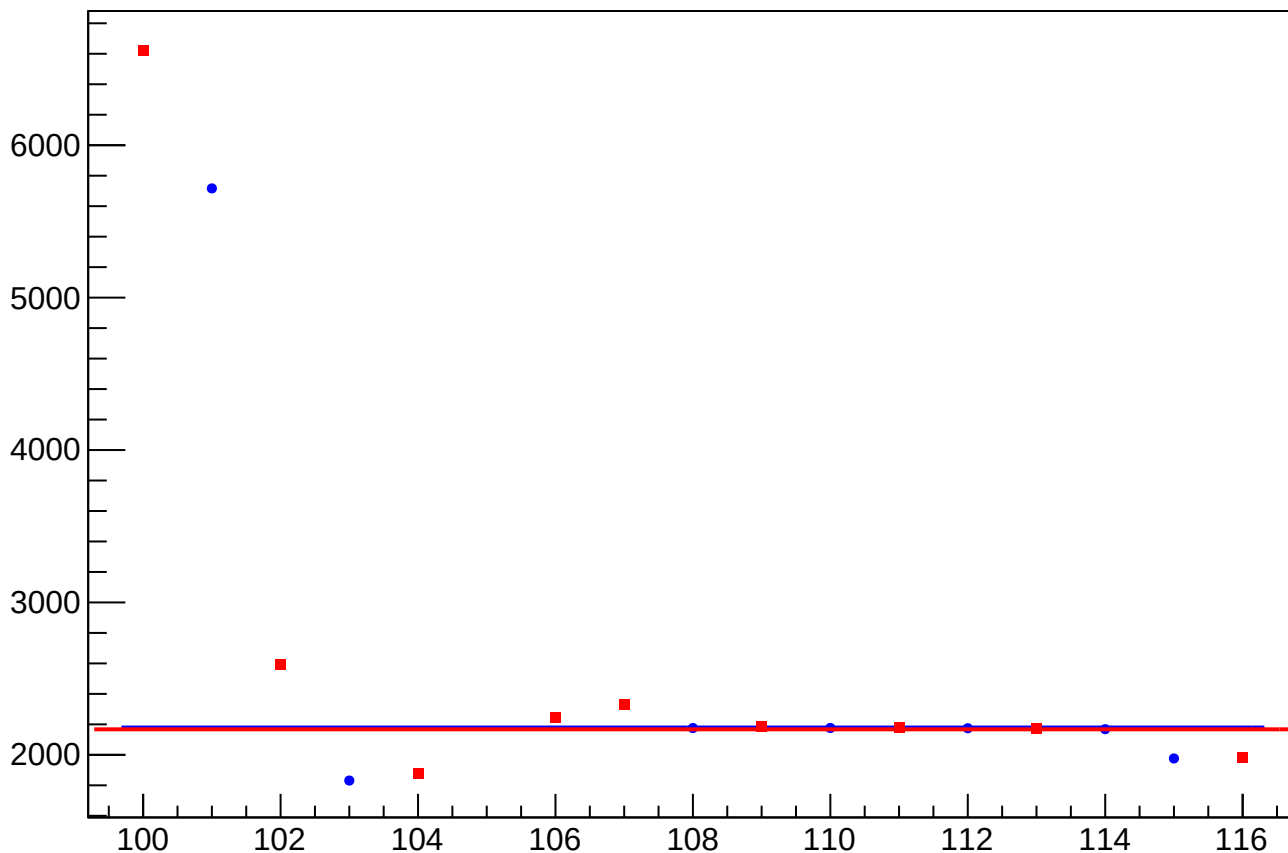
Right: 1013.955+/-900.174 χ^2/NDF : 14.7/15

In: 851.827+/-1374.752 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.955+/-900.174 χ^2/NDF : 14.7/15

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2179.226+/-0.972 χ^2/NDF : 548503.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2167.425+/-0.842 χ^2/NDF : 123692.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

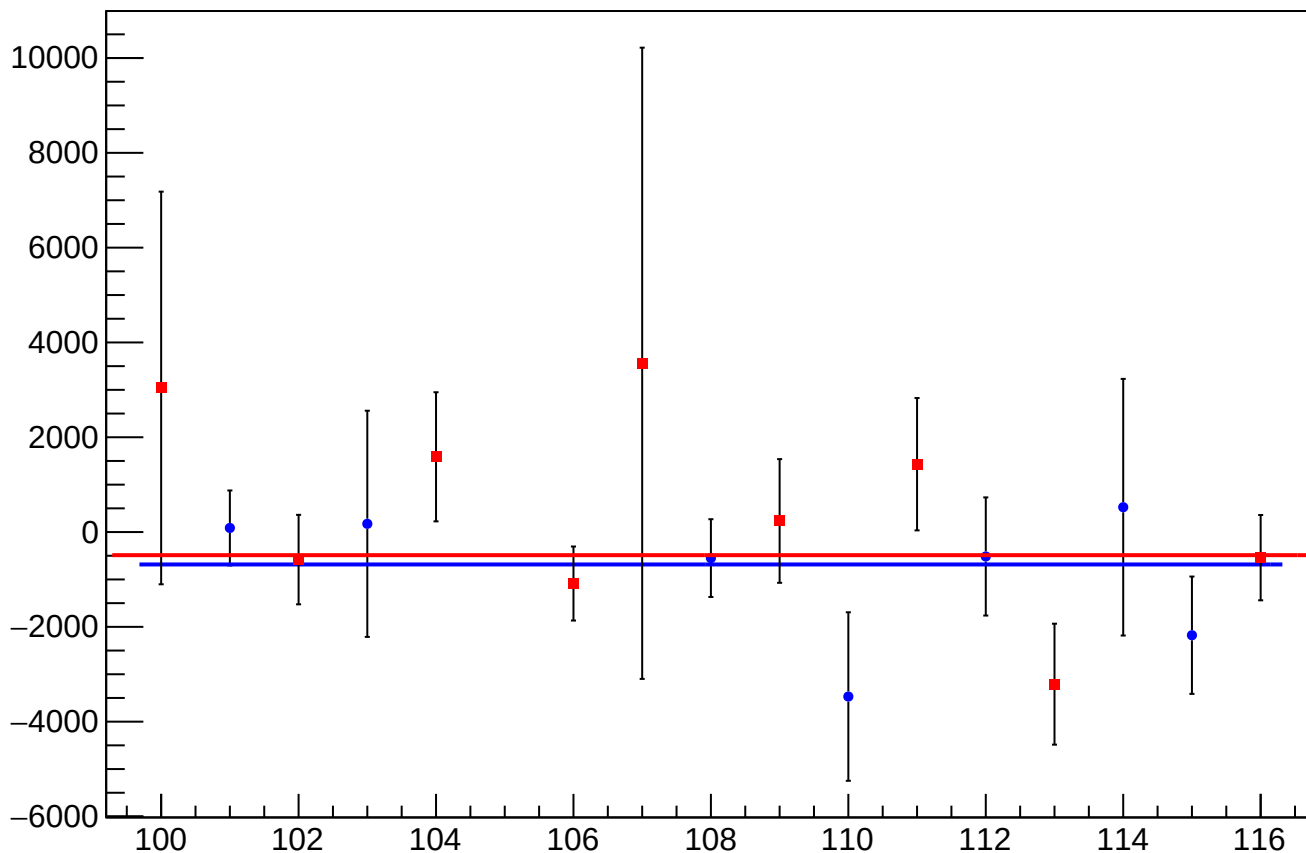
Right: 2172.485+/-0.637 χ^2/NDF : 672280.4/15

In: 2179.226+/-0.972 χ^2/NDF : 548503.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2172.485+/-0.637 χ^2/NDF : 672280.4/15

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -683.756+/-446.713 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -487.484+/-397.394 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

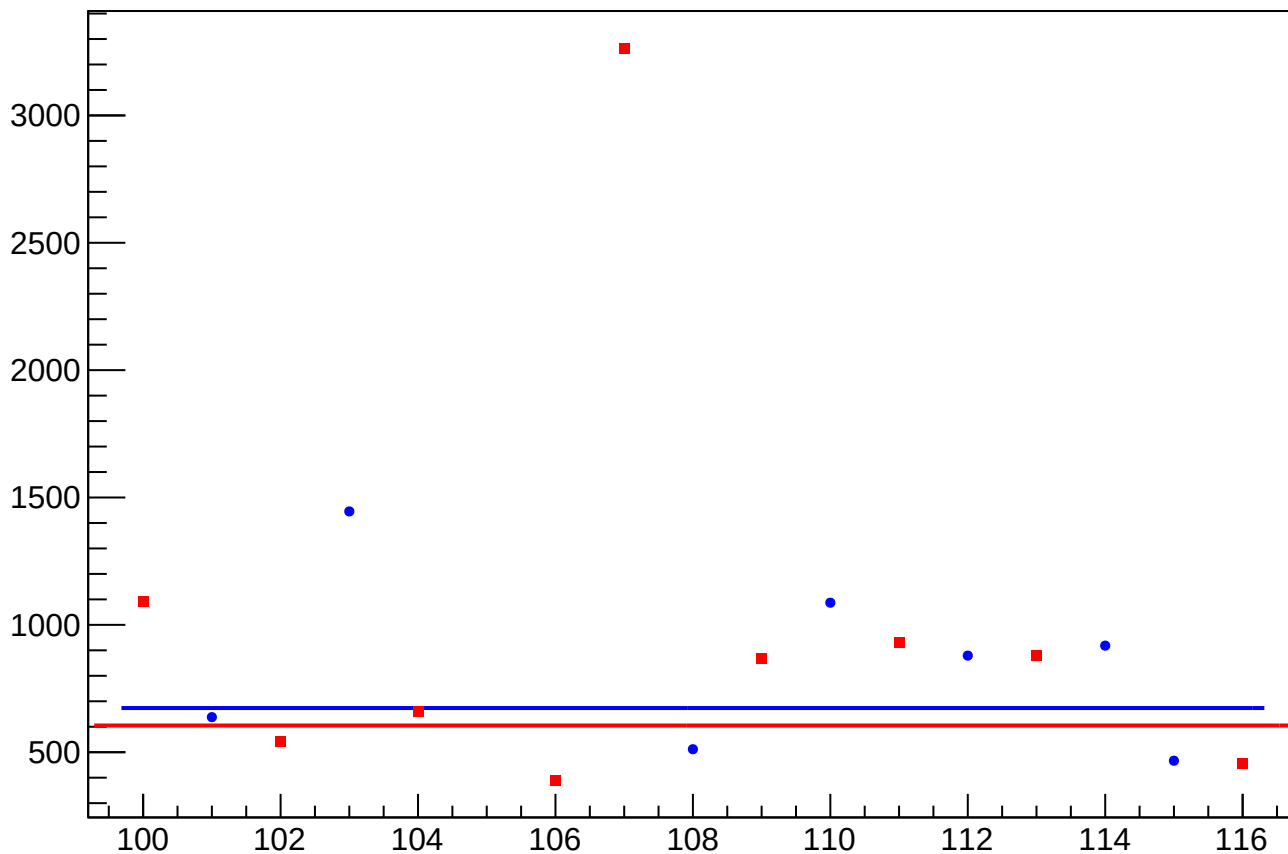
Right: -574.191+/-296.912 χ^2/NDF : 16.1/15

In: -683.756+/-446.713 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -574.191+/-296.912 χ^2/NDF : 16.1/15

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 673.443+/-0.316 χ^2/NDF : 526162.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.939+/-0.281 χ^2/NDF : 851085.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

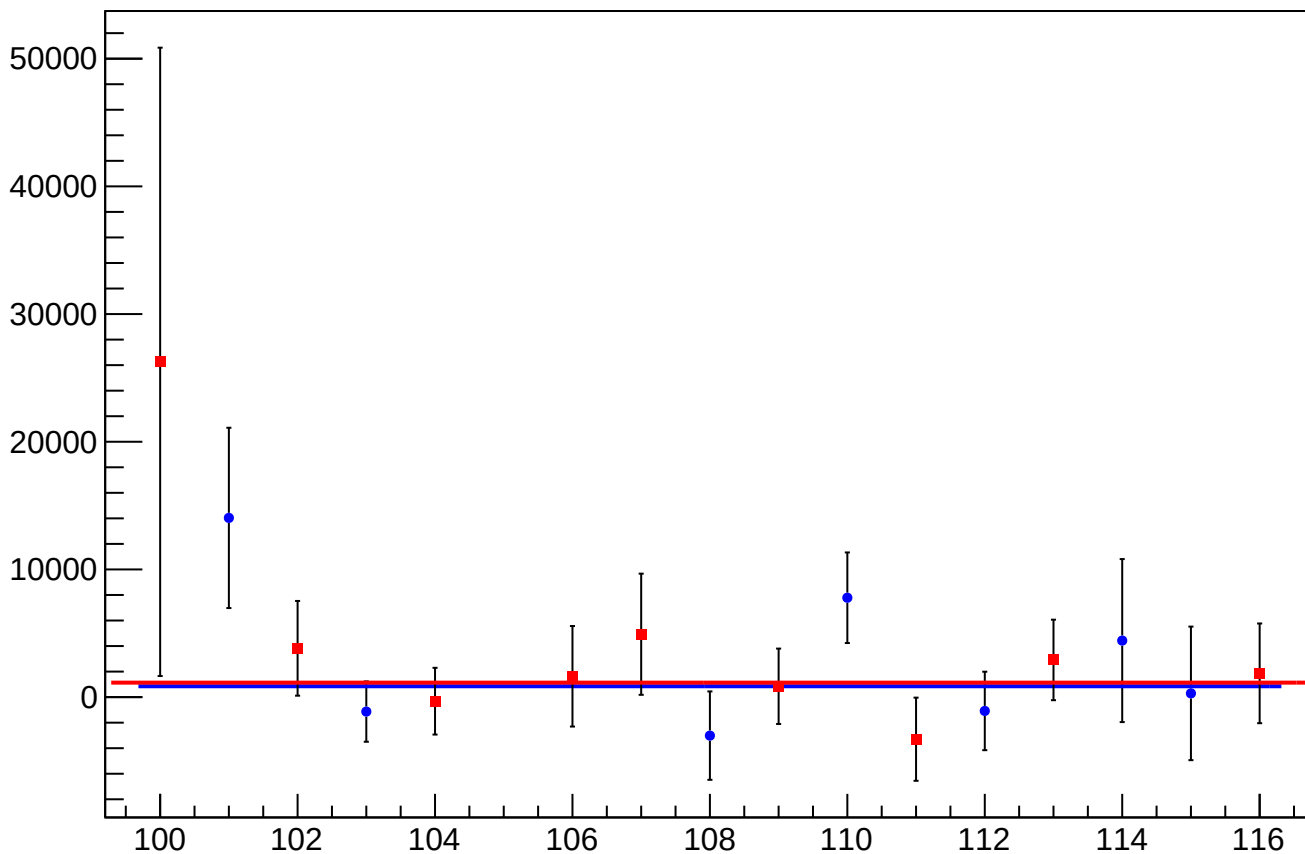
Right: 635.202+/-0.210 χ^2/NDF : 1403503.3/15

In: 673.443+/-0.316 χ^2/NDF : 526162.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.202+/-0.210 χ^2/NDF : 1403503.3/15

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 851.827+/-1374.752 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.640+/-1191.004 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

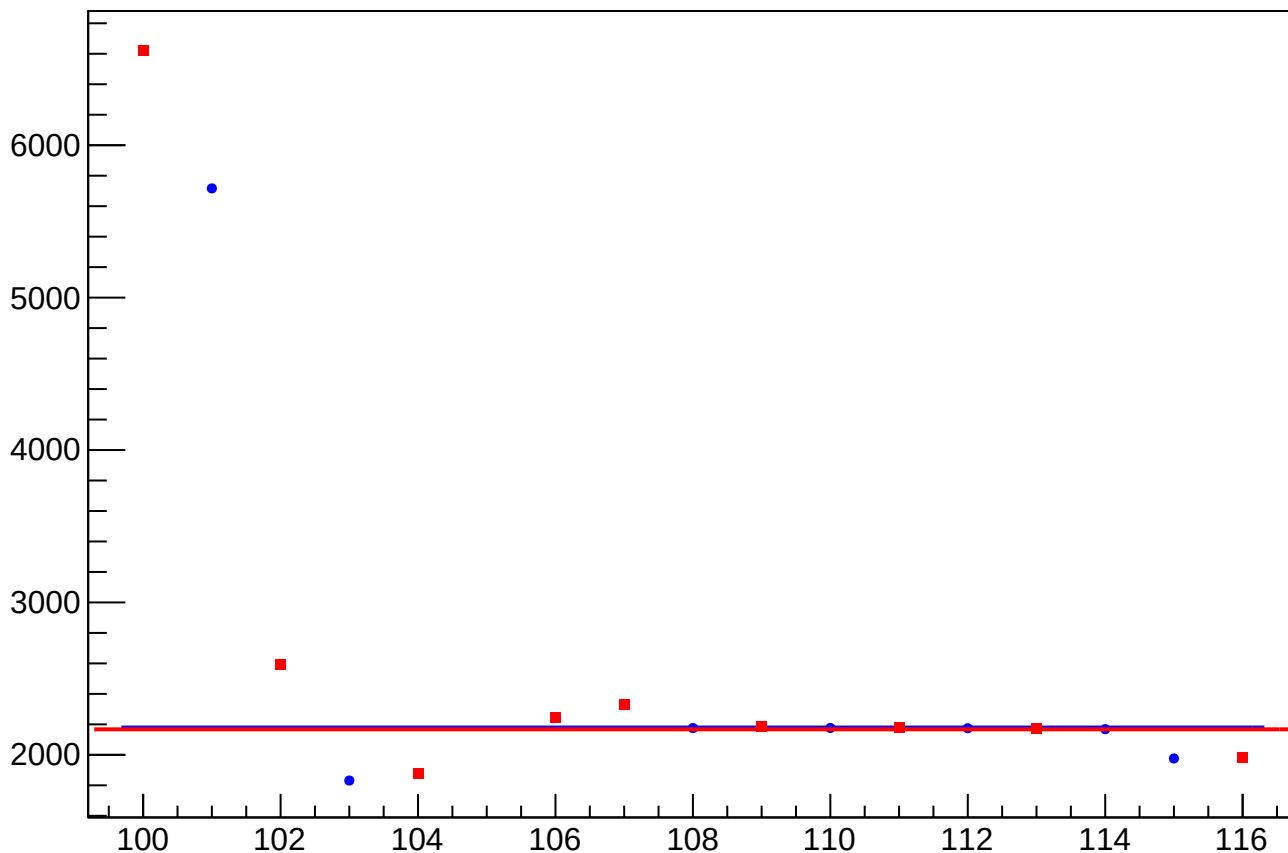
Right: 1013.955+/-900.174 χ^2/NDF : 14.7/15

In: 851.827+/-1374.752 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.955+/-900.174 χ^2/NDF : 14.7/15

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2179.226+/-0.972 χ^2/NDF : 548503.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2167.425+/-0.842 χ^2/NDF : 123692.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

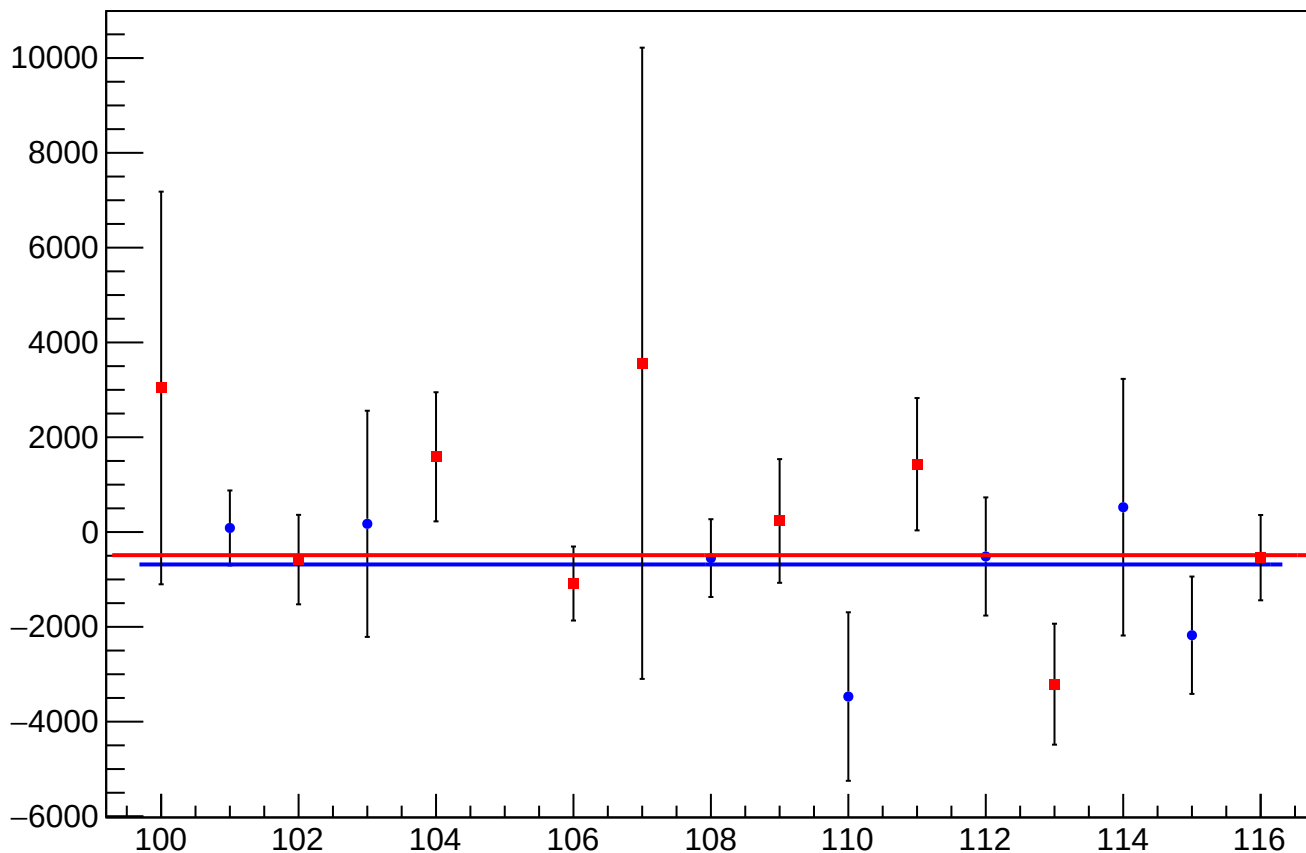
Right: 2172.485+/-0.637 χ^2/NDF : 672280.4/15

In: 2179.226+/-0.972 χ^2/NDF : 548503.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2172.485+/-0.637 χ^2/NDF : 672280.4/15

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -683.756+/-446.713 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -487.484+/-397.394 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

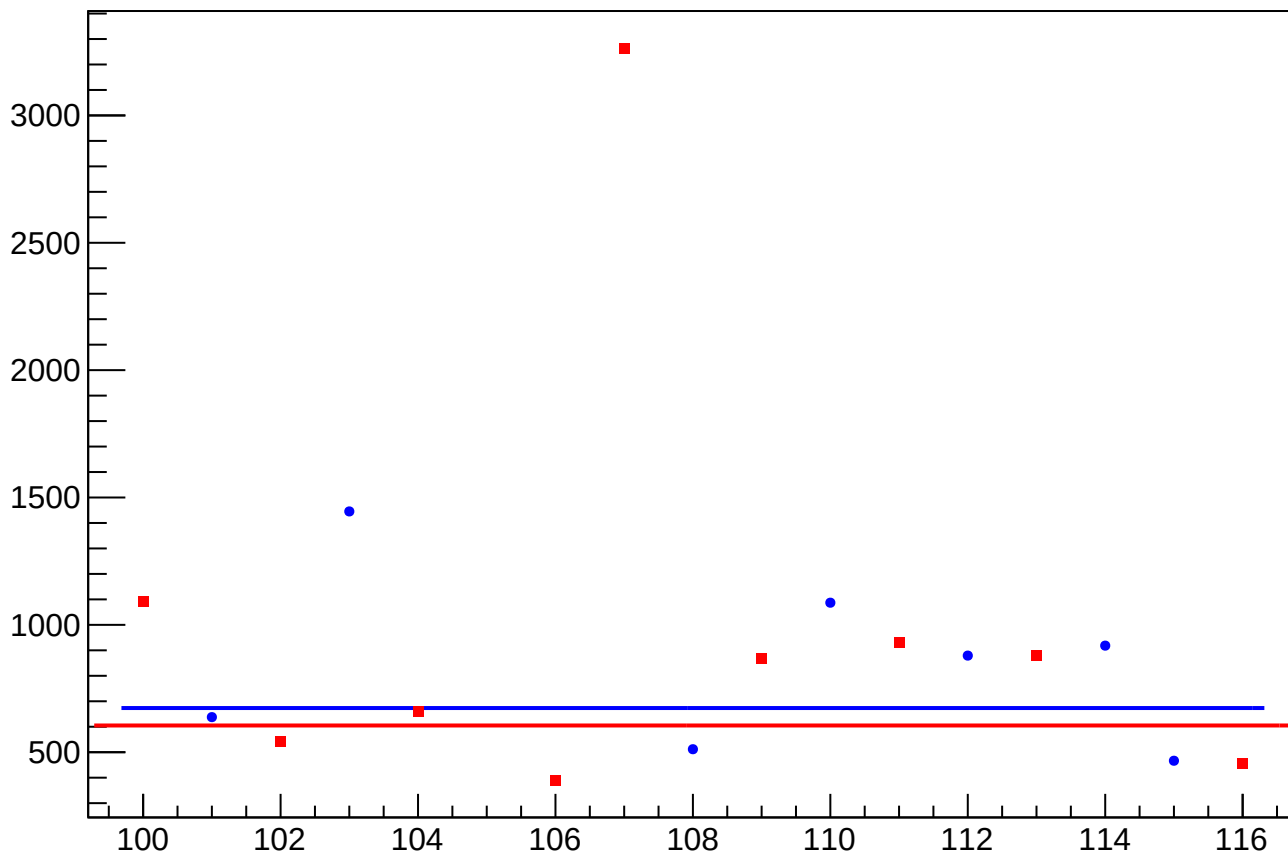
Right: -574.191+/-296.912 χ^2/NDF : 16.1/15

In: -683.756+/-446.713 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -574.191+/-296.912 χ^2/NDF : 16.1/15

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 673.443+/-0.316 χ^2/NDF : 526162.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.939+/-0.281 χ^2/NDF : 851085.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

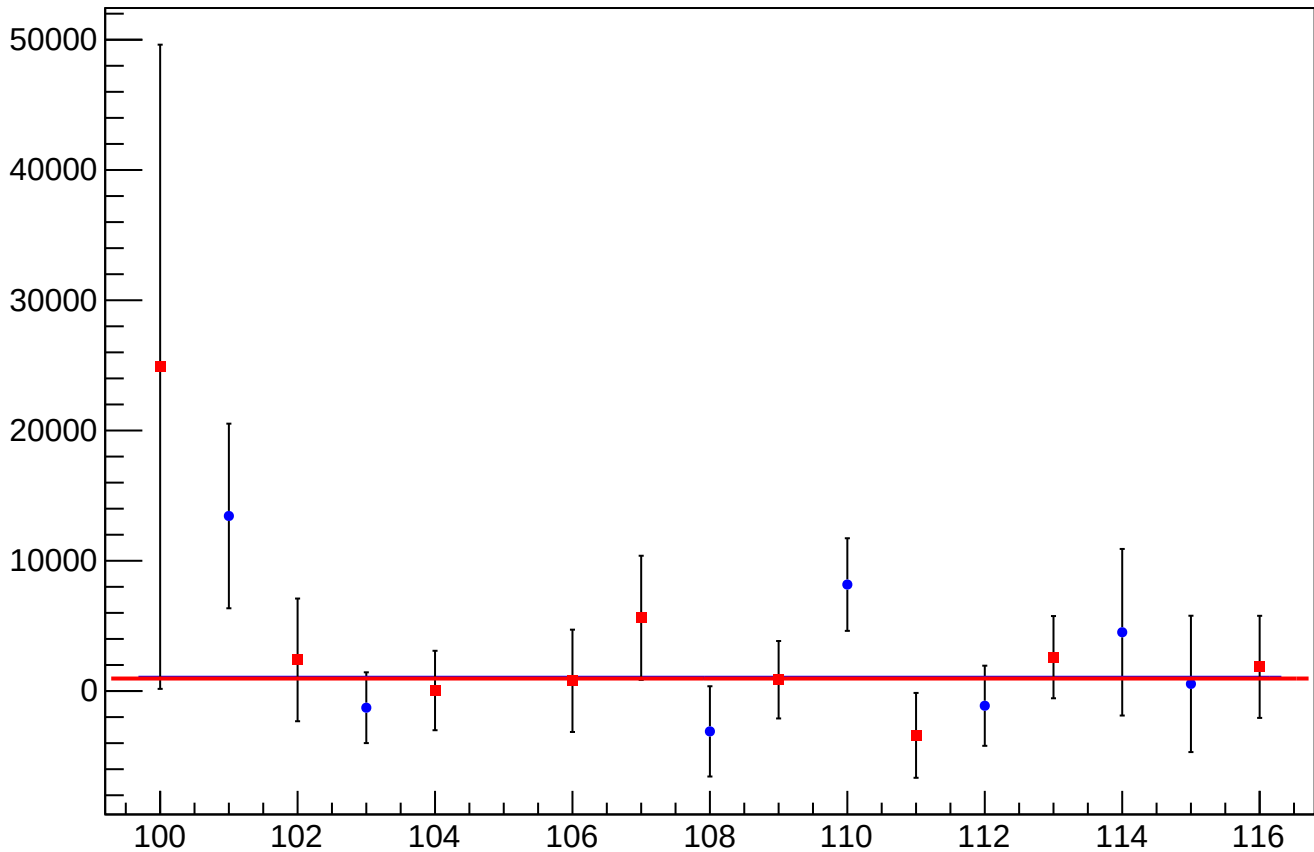
Right: 635.202+/-0.210 χ^2/NDF : 1403503.3/15

In: 673.443+/-0.316 χ^2/NDF : 526162.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.202+/-0.210 χ^2/NDF : 1403503.3/15

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1020.496+/-1436.667 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.691+/-1253.862 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

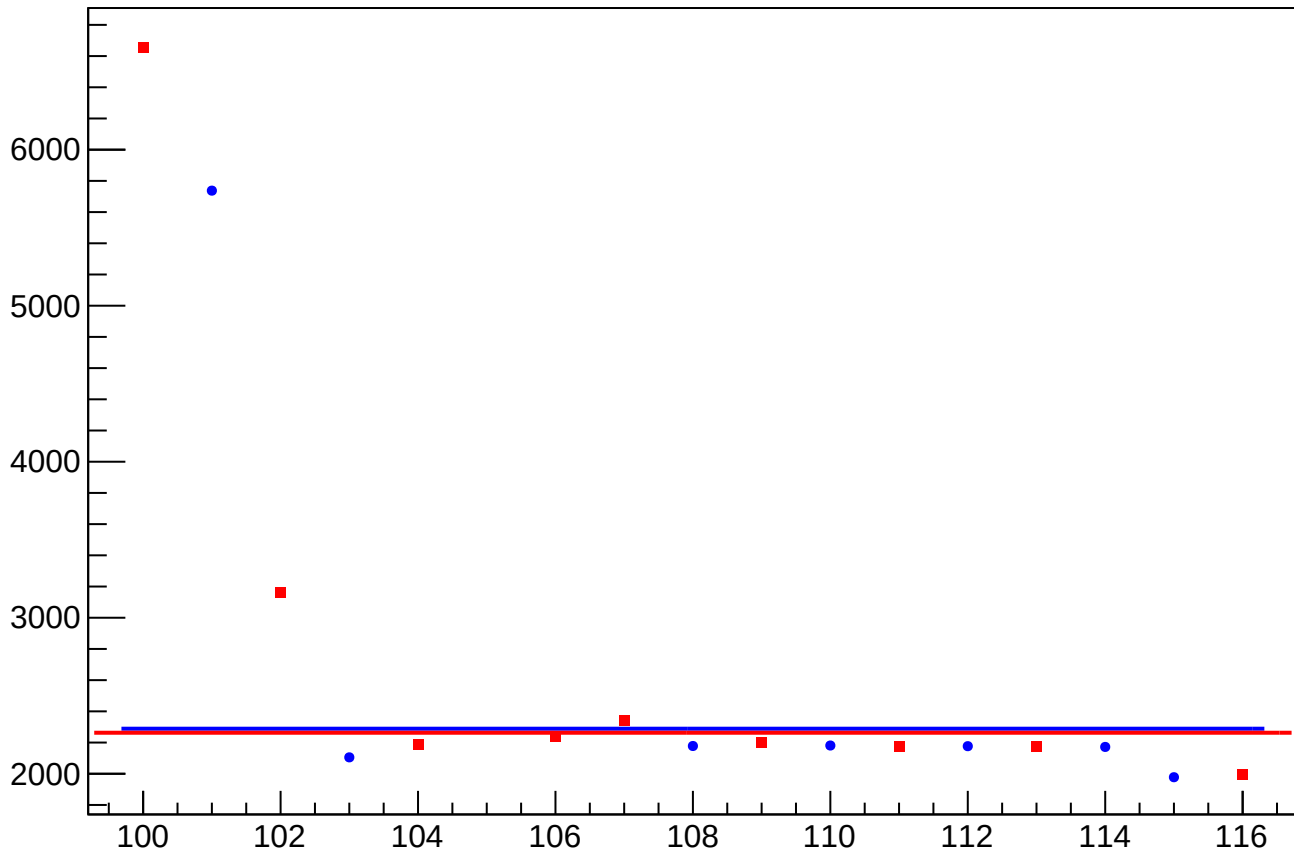
Right: 986.549+/-944.676 χ^2/NDF : 14.2/15

In: 1020.496+/-1436.667 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.549+/-944.676 χ^2/NDF : 14.2/15

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2288.764+/-1.016 χ^2/NDF : 497129.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.918+/-0.887 χ^2/NDF : 151405.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

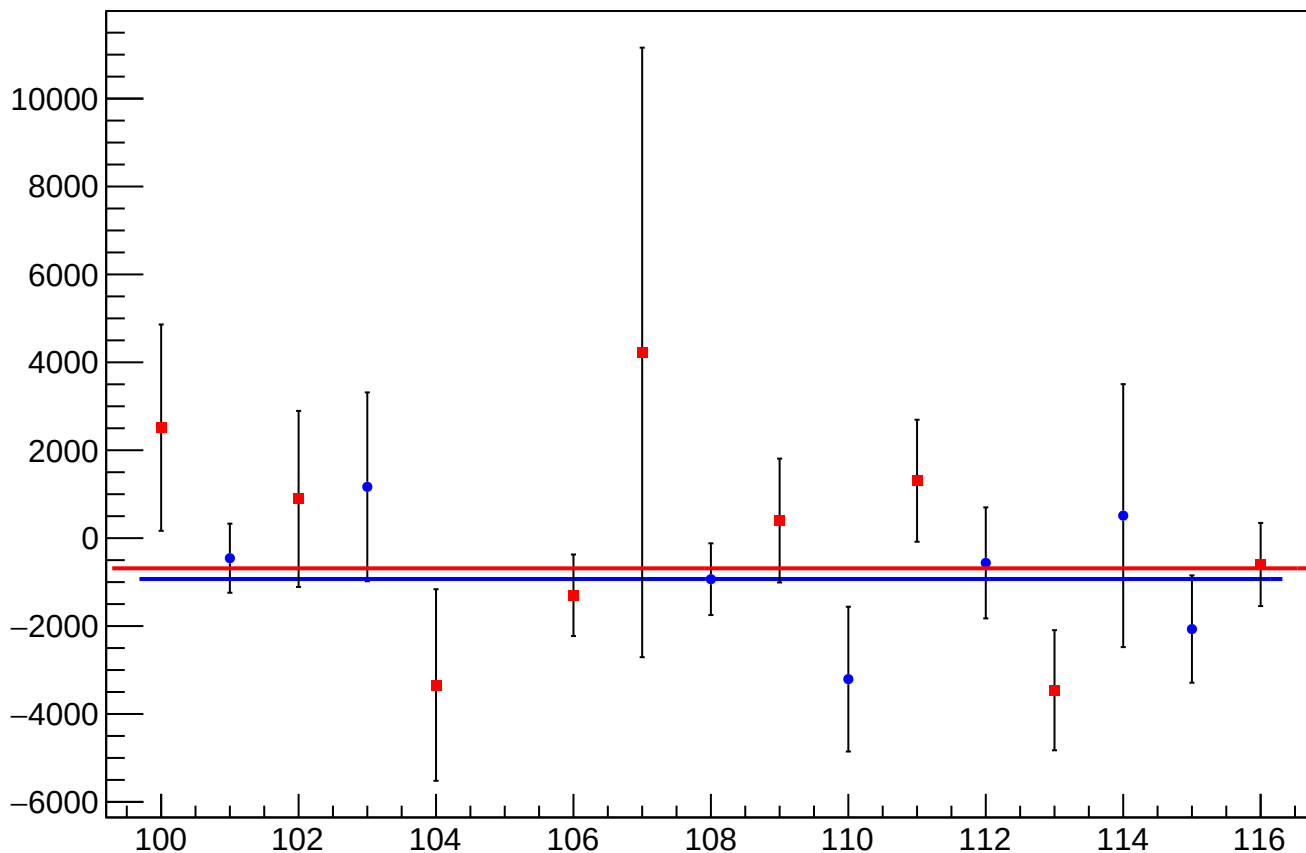
Right: 2274.093+/-0.668 χ^2/NDF : 648902.2/15

In: 2288.764+/-1.016 χ^2/NDF : 497129.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.093+/-0.668 χ^2/NDF : 648902.2/15

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.874+/-442.100 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -686.521+/-471.406 χ^2/NDF : 11.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

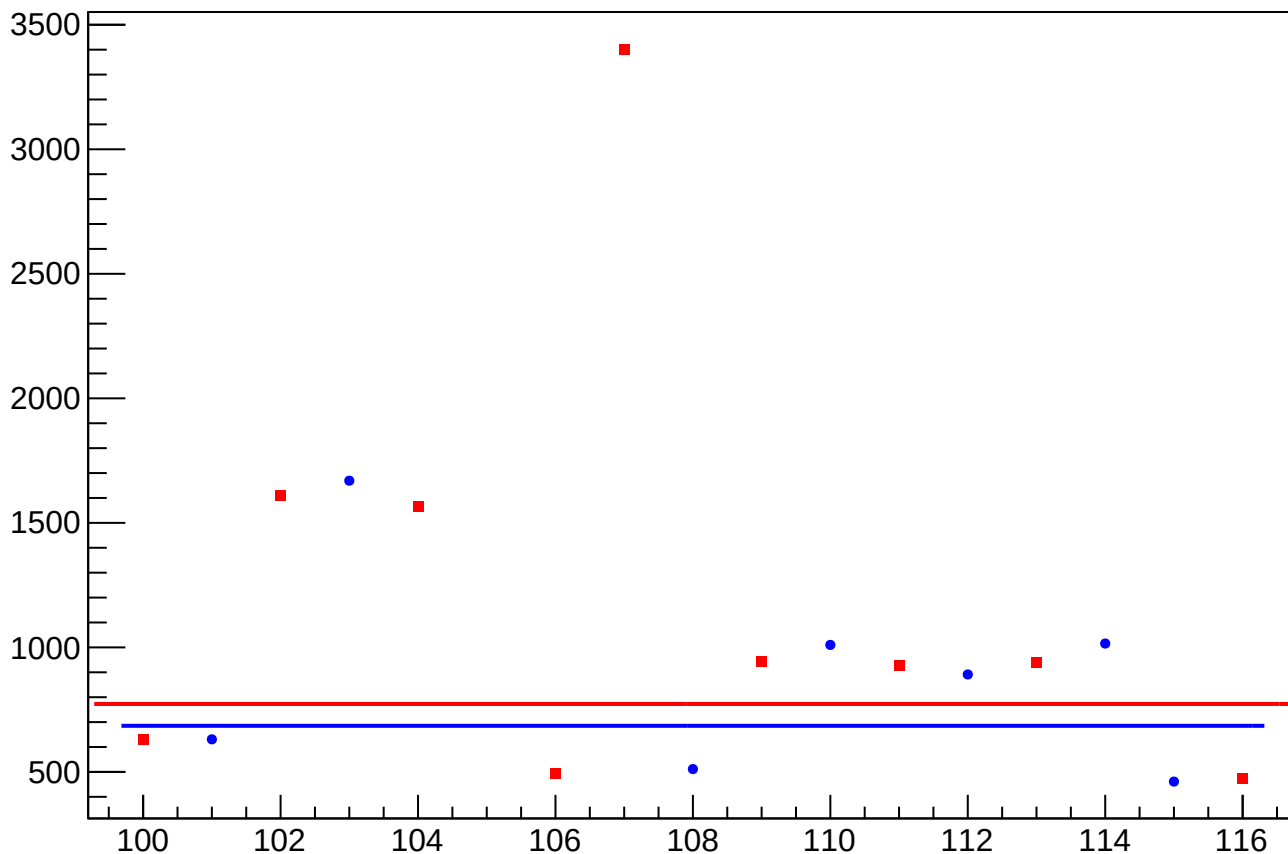
Right: -815.465+/-322.475 χ^2/NDF : 16.2/15

In: -928.874+/-442.100 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.465+/-322.475 χ^2/NDF : 16.2/15

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 685.188+/-0.313 χ^2/NDF : 742650.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 772.851+/-0.333 χ^2/NDF : 1373651.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

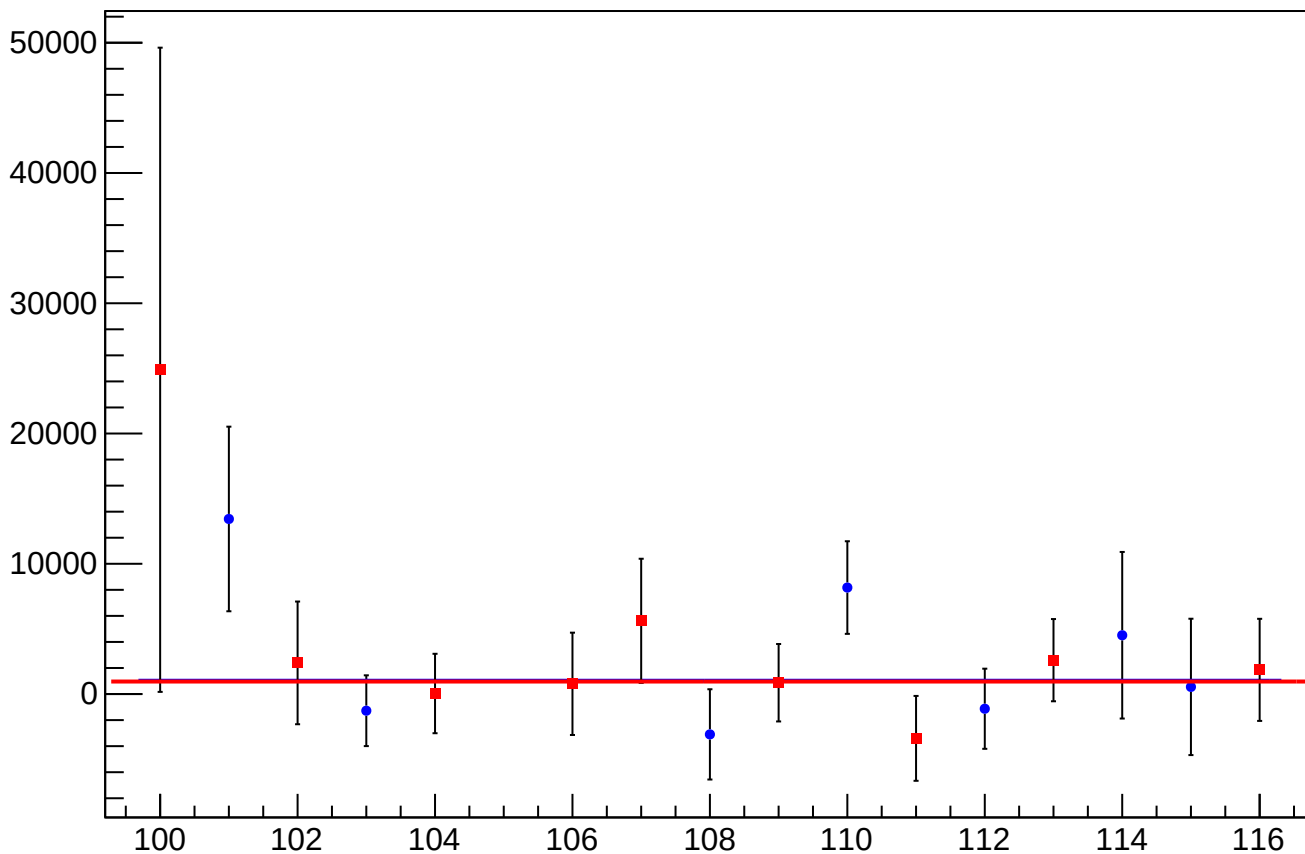
Right: 726.210+/-0.228 χ^2/NDF : 2153099.6/15

In: 685.188+/-0.313 χ^2/NDF : 742650.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.210+/-0.228 χ^2/NDF : 2153099.6/15

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1020.493+/-1436.667 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.687+/-1253.861 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

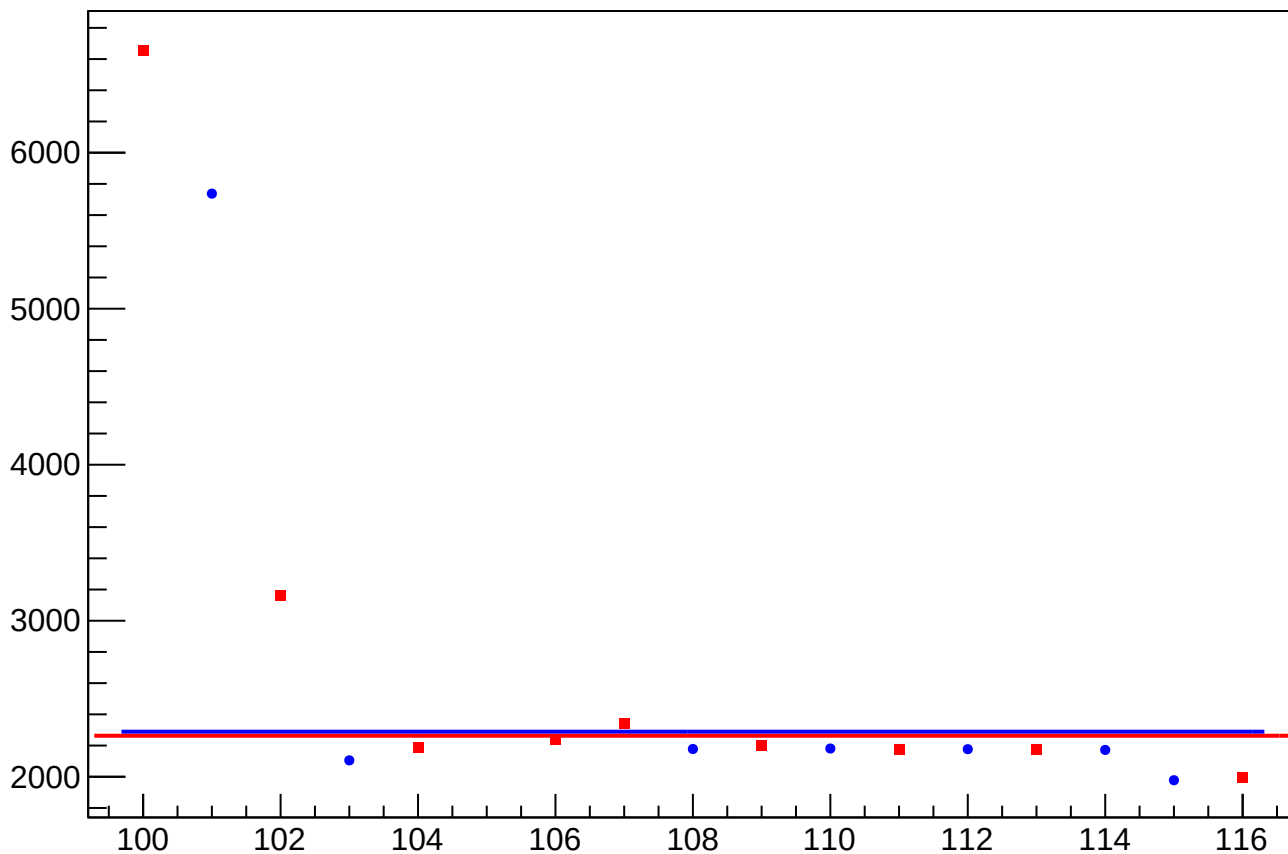
Right: 986.545+/-944.676 χ^2/NDF : 14.2/15

In: 1020.493+/-1436.667 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.545+/-944.676 χ^2/NDF : 14.2/15

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2288.763+/-1.016 χ^2/NDF : 497129.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.917+/-0.887 χ^2/NDF : 151405.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

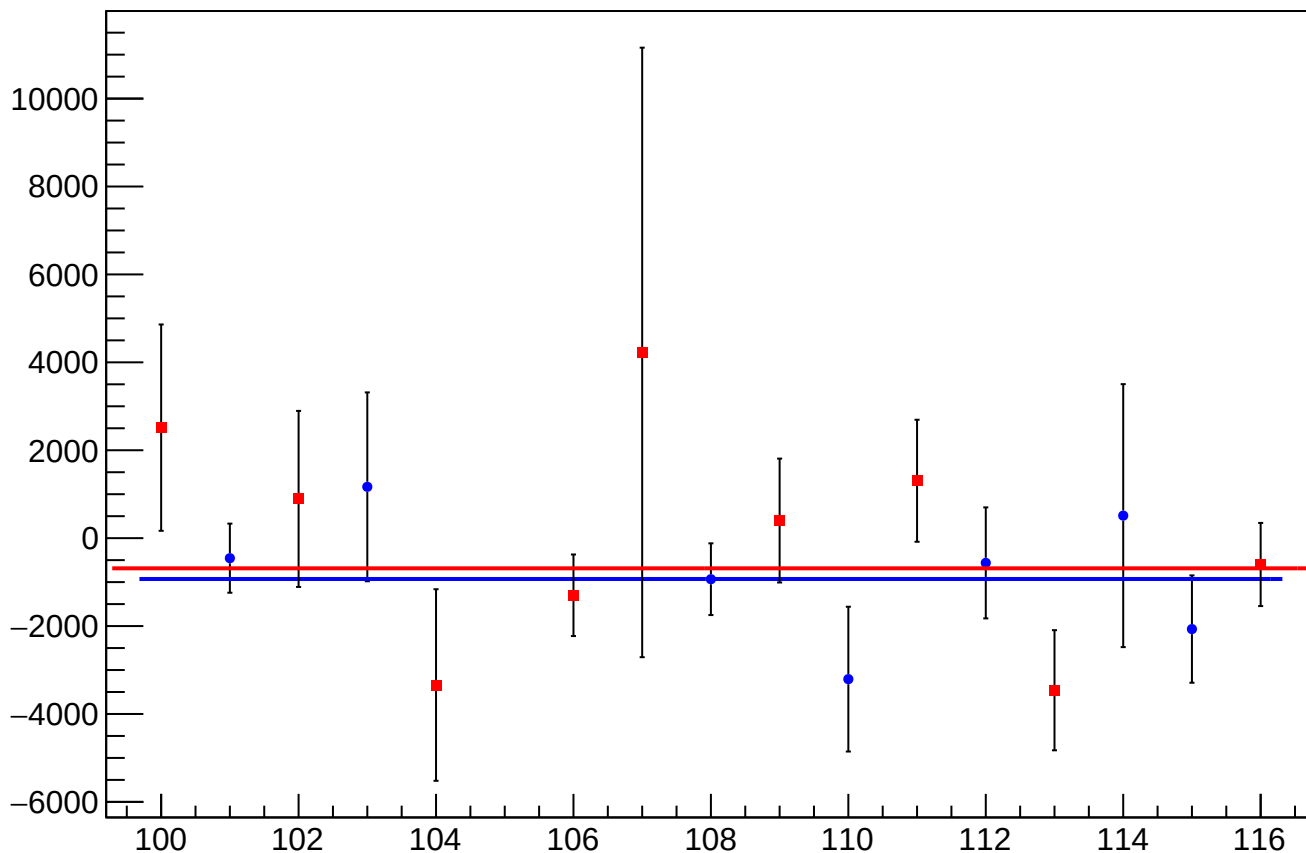
Right: 2274.092+/-0.668 χ^2/NDF : 648902.1/15

In: 2288.763+/-1.016 χ^2/NDF : 497129.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.092+/-0.668 χ^2/NDF : 648902.1/15

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.873+/-442.100 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -686.521+/-471.406 χ^2/NDF : 11.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

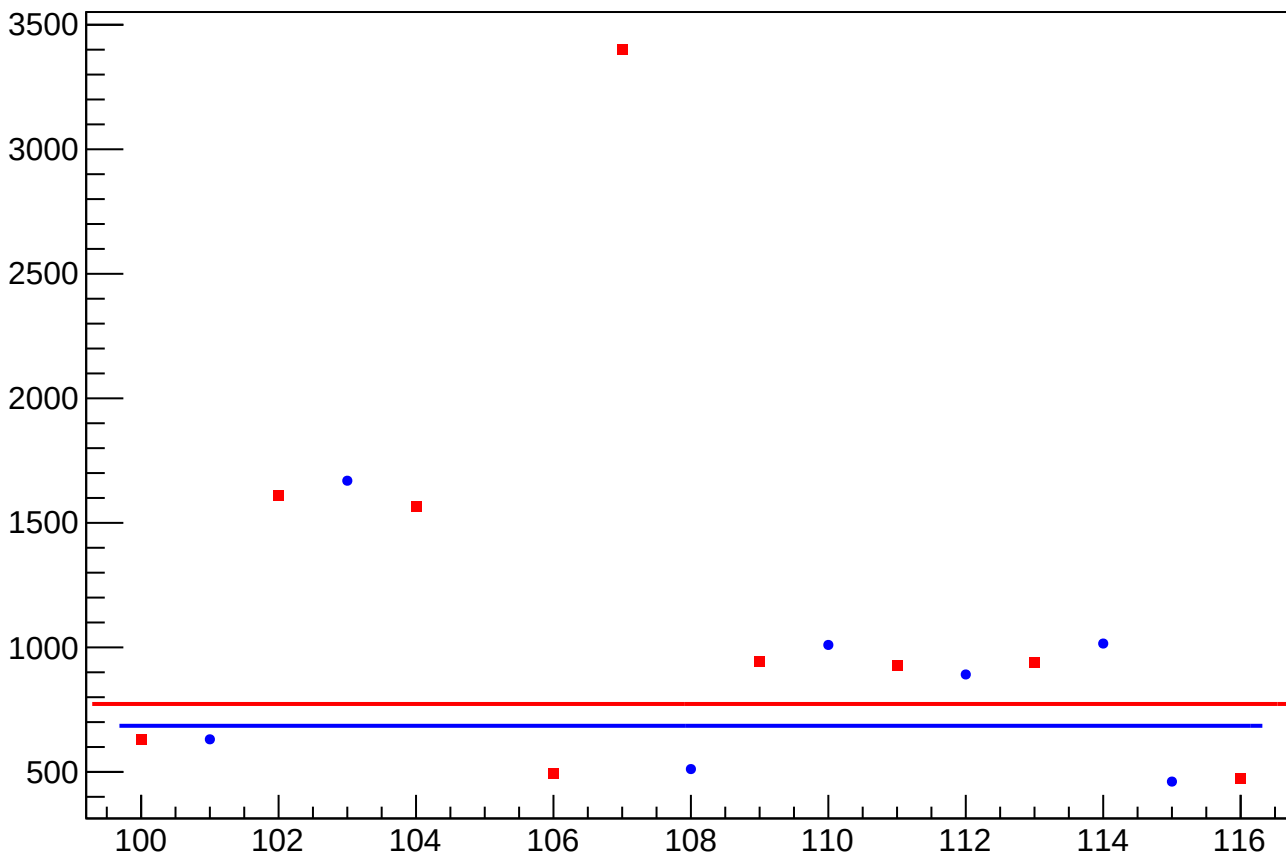
Right: -815.464+/-322.475 χ^2/NDF : 16.2/15

In: -928.873+/-442.100 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.464+/-322.475 χ^2/NDF : 16.2/15

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 685.187+/-0.313 χ^2/NDF : 742653.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 772.850+/-0.333 χ^2/NDF : 1373657.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

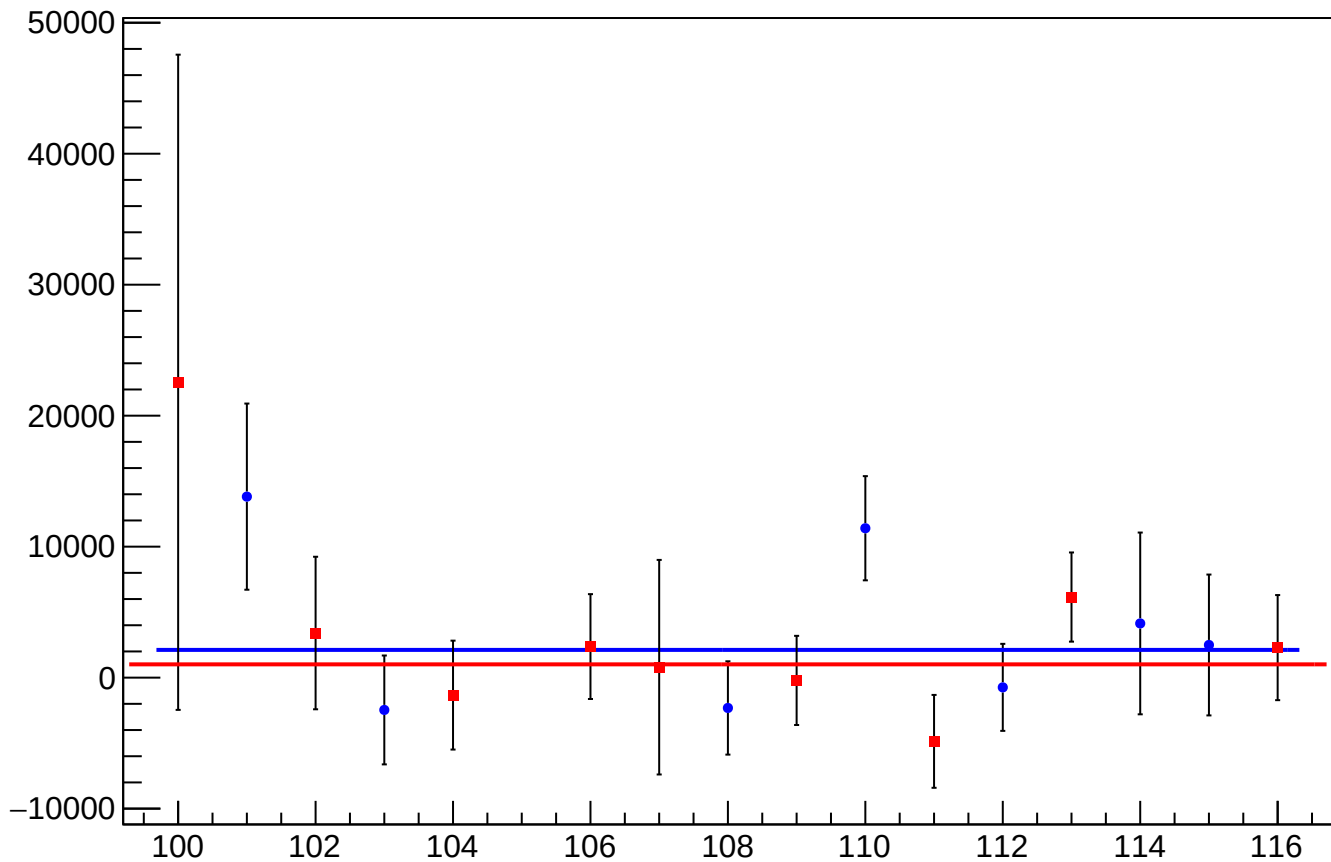
Right: 726.209+/-0.228 χ^2/NDF : 2153109.2/15

In: 685.187+/-0.313 χ^2/NDF : 742653.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.209+/-0.228 χ^2/NDF : 2153109.2/15

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2117.841+/-1653.581 χ^2/NDF : 11.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.222+/-1442.481 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

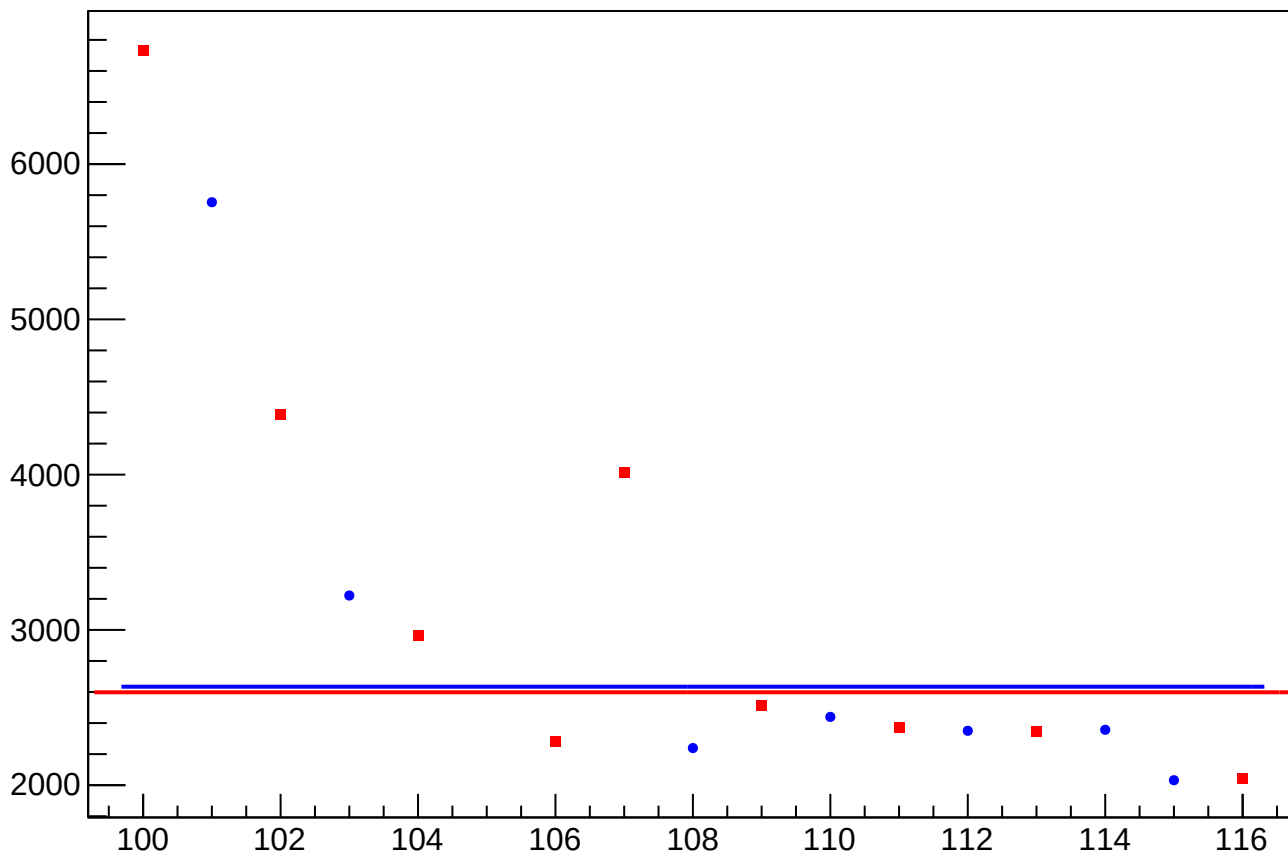
Right: 1491.132+/-1087.011 χ^2/NDF : 18.6/15

In: 2117.841+/-1653.581 χ^2/NDF : 11.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.132+/-1087.011 χ^2/NDF : 18.6/15

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2634.280+/-1.169 χ^2/NDF : 497819.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2598.233+/-1.020 χ^2/NDF : 390277.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

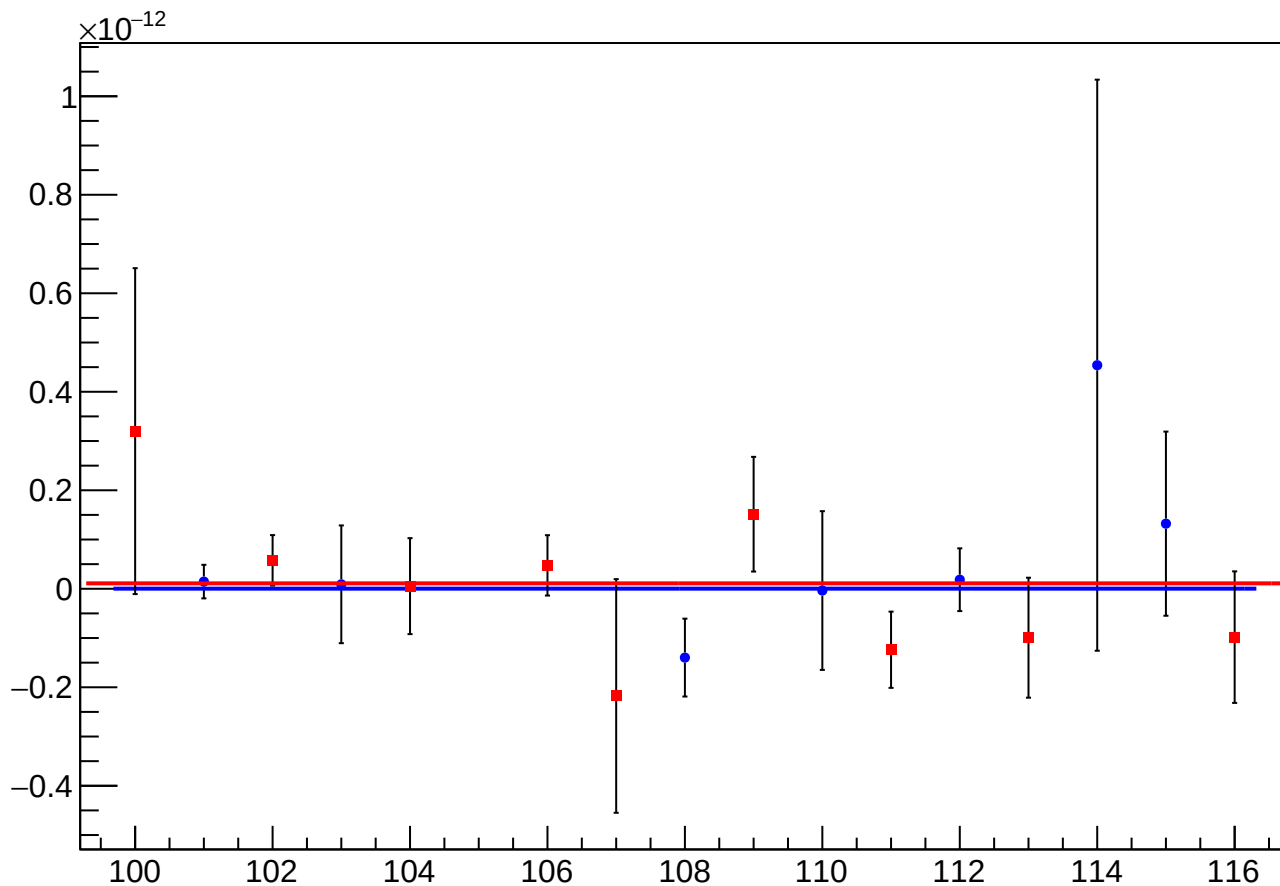
Right: 2613.810+/-0.769 χ^2/NDF : 888637.2/15

In: 2634.280+/-1.169 χ^2/NDF : 497819.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2613.810+/-0.769 χ^2/NDF : 888637.2/15

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

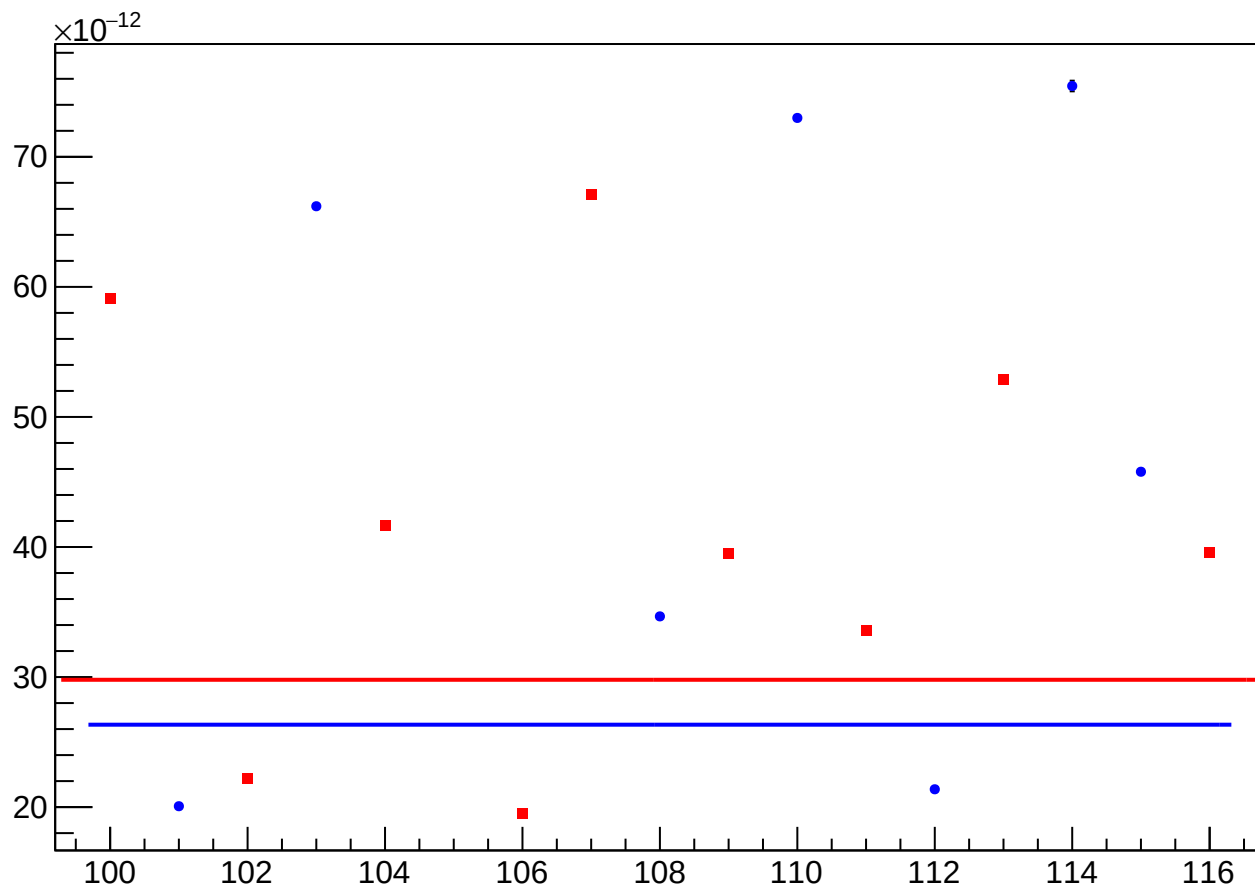
Right: 0.000+/-0.000 χ^2/NDF : 13.6/15

In: 0.000+/-0.000 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.6/15

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 528102.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 296493.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

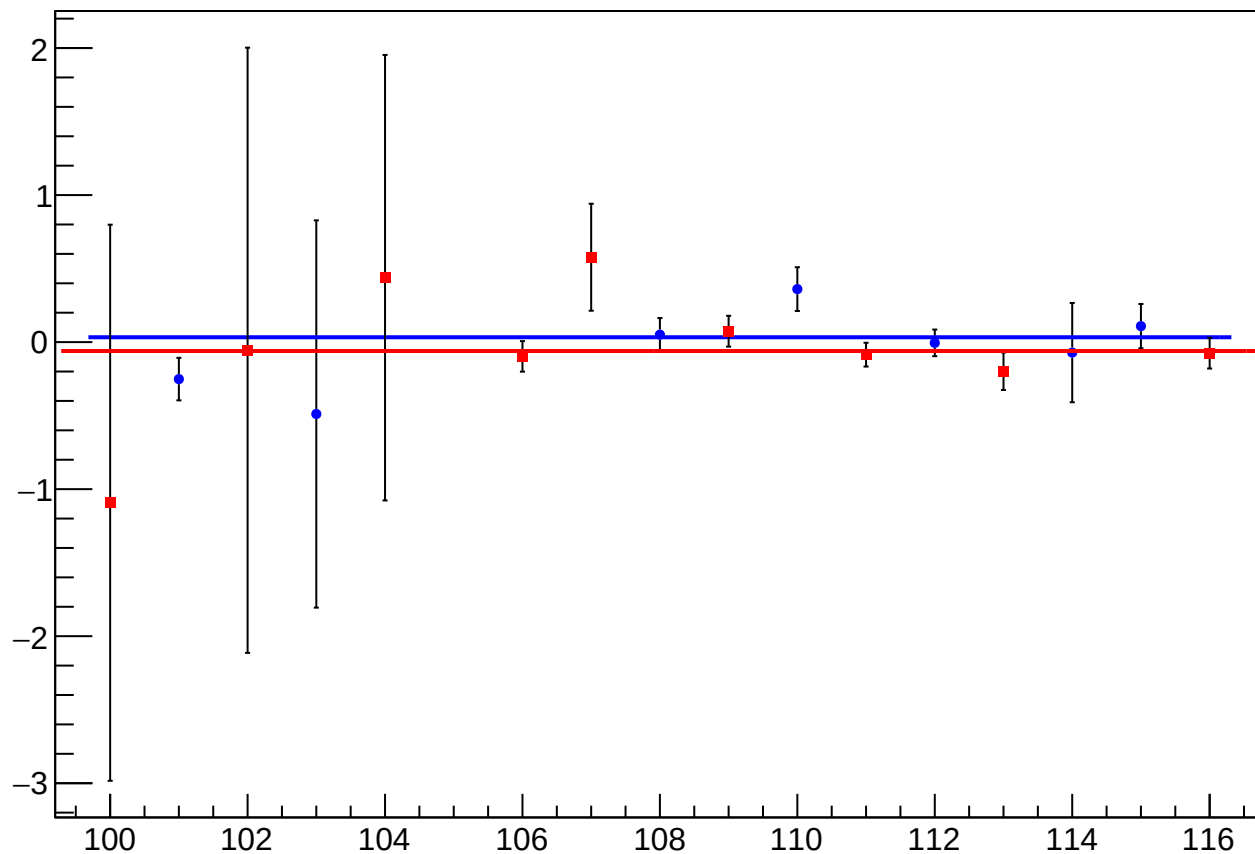
Right: 0.000+/-0.000 χ^2/NDF : 839645.4/15

In: 0.000+/-0.000 χ^2/NDF : 528102.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 839645.4/15

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.054 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-0.045 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

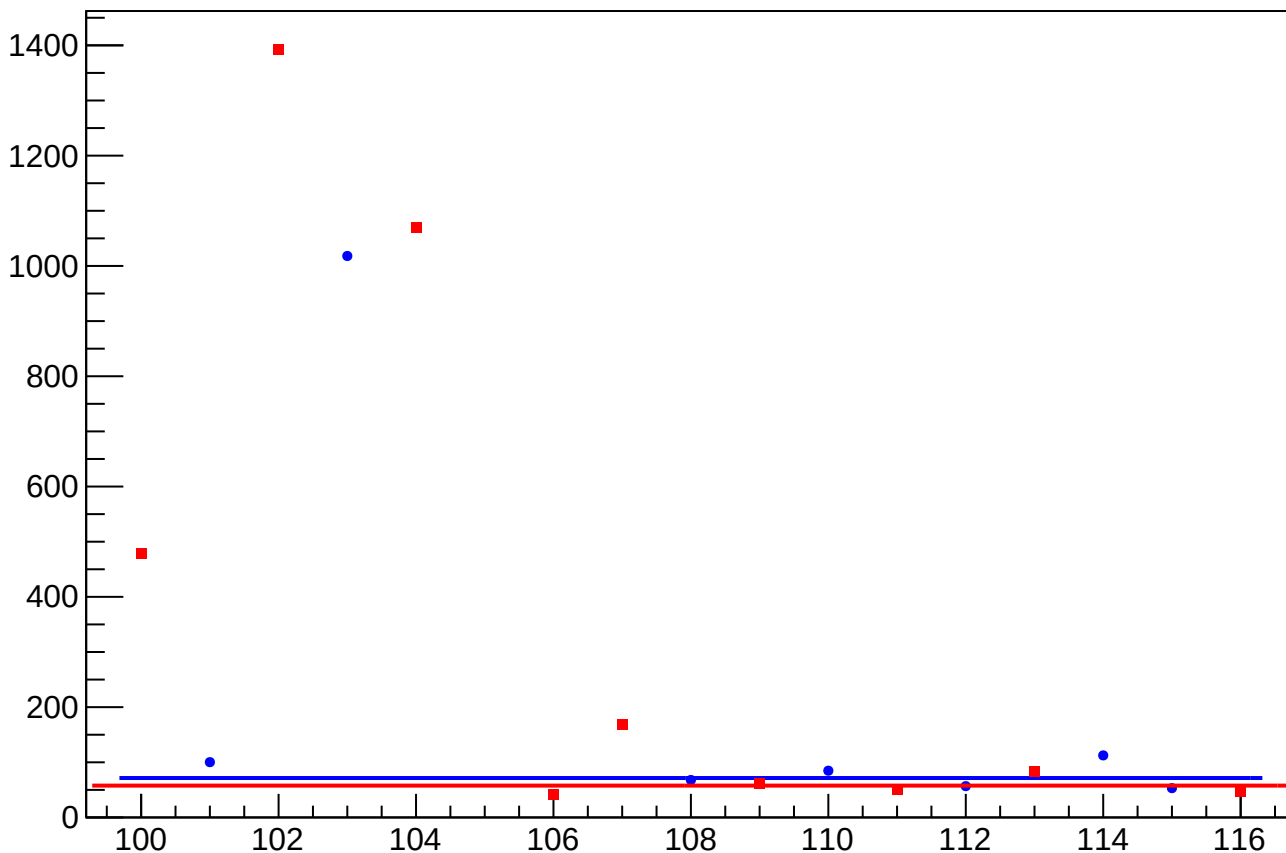
Right: -0.022+/-0.034 χ^2/NDF : 17.7/15

In: 0.033+/-0.054 χ^2/NDF :9.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.034 χ^2/NDF : 17.7/15

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.500+/-0.038 χ^2/NDF : 1242392.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.752+/-0.032 χ^2/NDF : 2187744.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

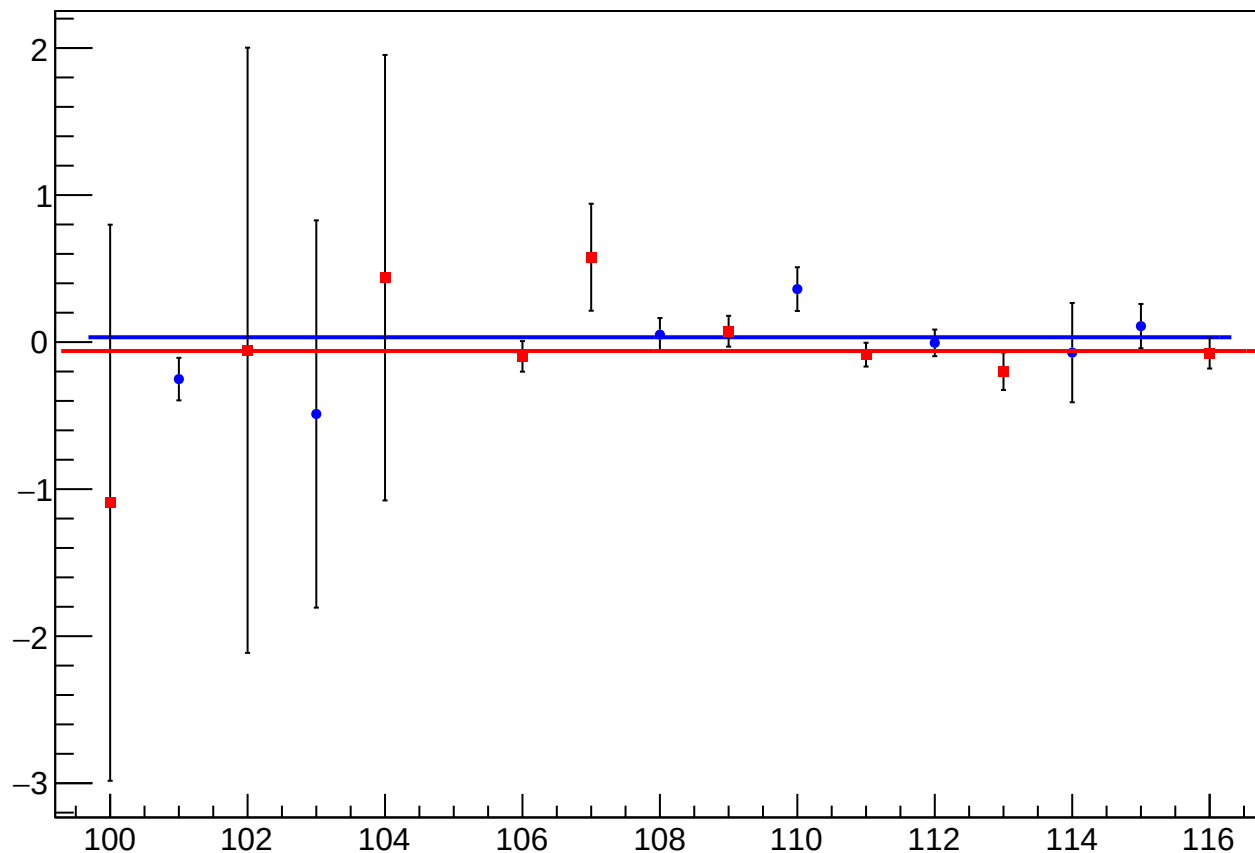
Right: 63.393+/-0.024 χ^2/NDF : 3507321.6/15

In: 71.500+/-0.038 χ^2/NDF : 1242392.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.393+/-0.024 χ^2/NDF : 3507321.6/15

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.054 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-0.045 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

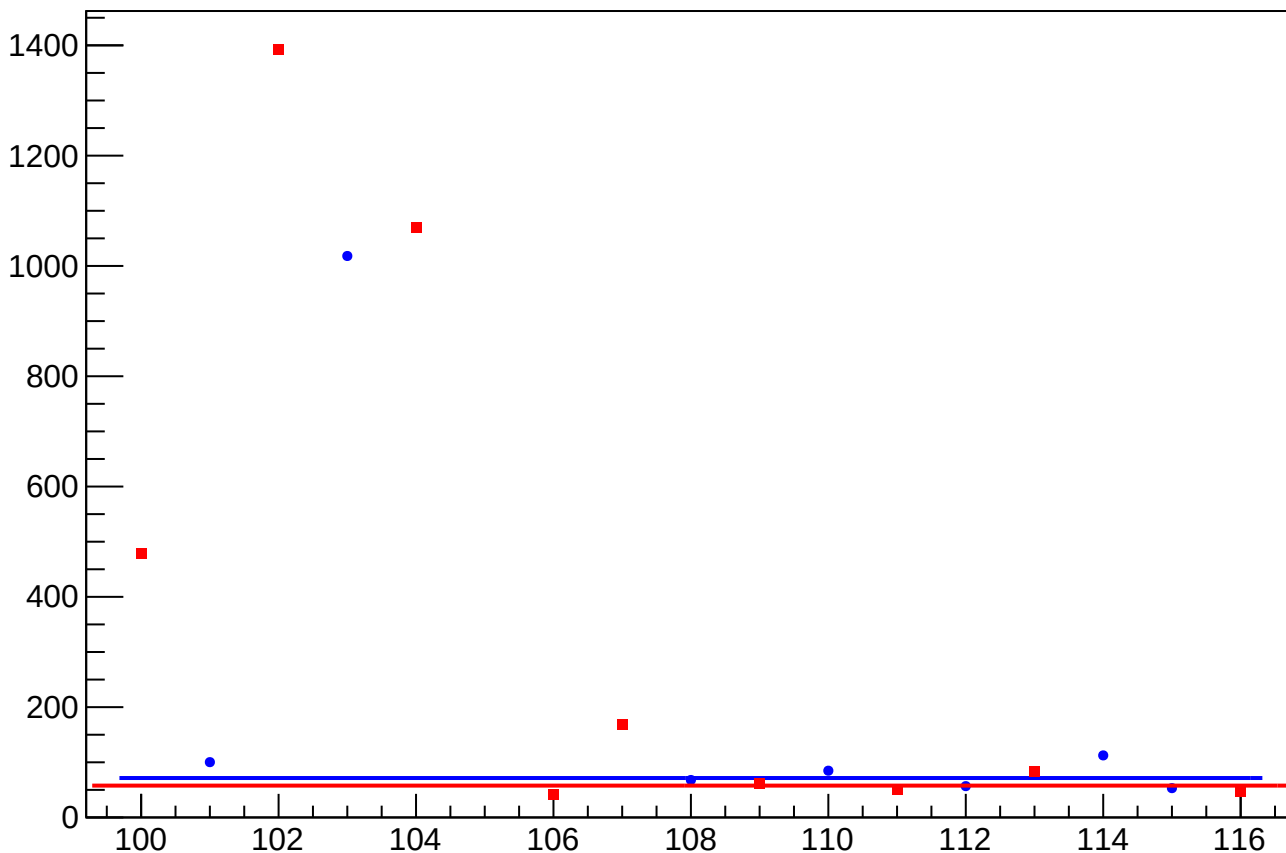
Right: -0.022+/-0.034 χ^2/NDF : 17.7/15

In: 0.033+/-0.054 χ^2/NDF :9.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.034 χ^2/NDF : 17.7/15

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.500+/-0.038 χ^2/NDF : 1242392.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.752+/-0.032 χ^2/NDF : 2187744.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

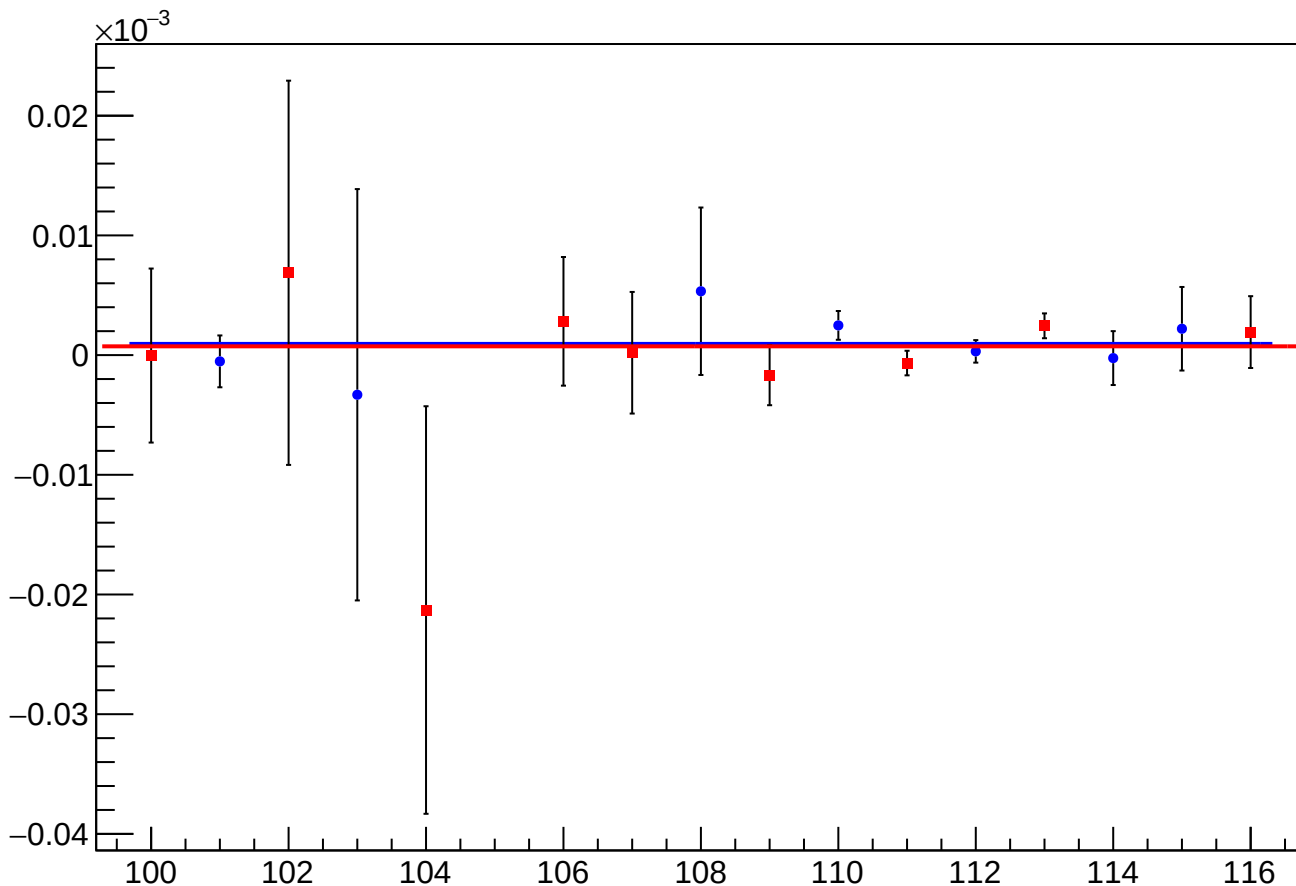
Right: 63.393+/-0.024 χ^2/NDF : 3507321.6/15

In: 71.500+/-0.038 χ^2/NDF : 1242392.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.393+/-0.024 χ^2/NDF : 3507321.6/15

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

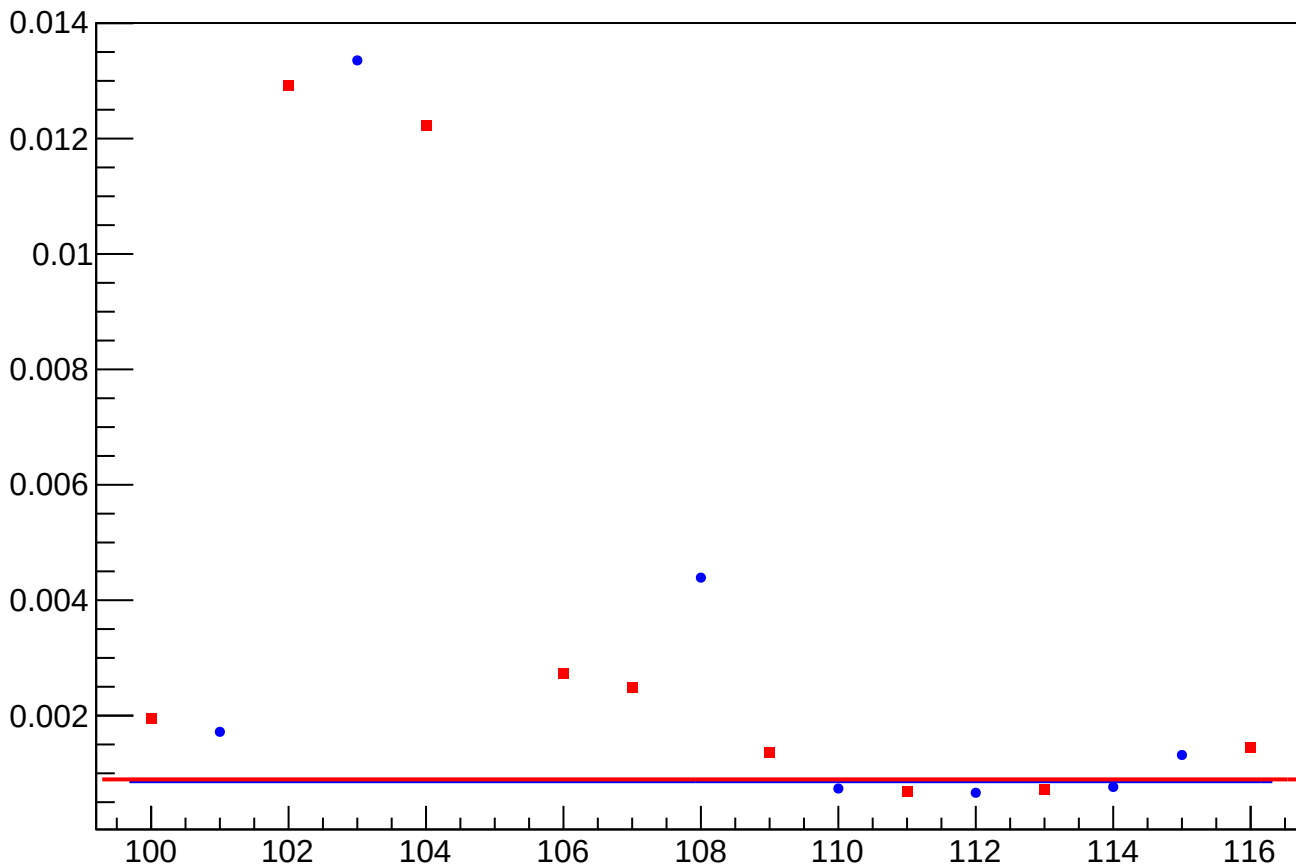
Right: 0.000+/-0.000 χ^2/NDF : 11.1/15

In: 0.000+/-0.000 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.1/15

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2028665.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2762323.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

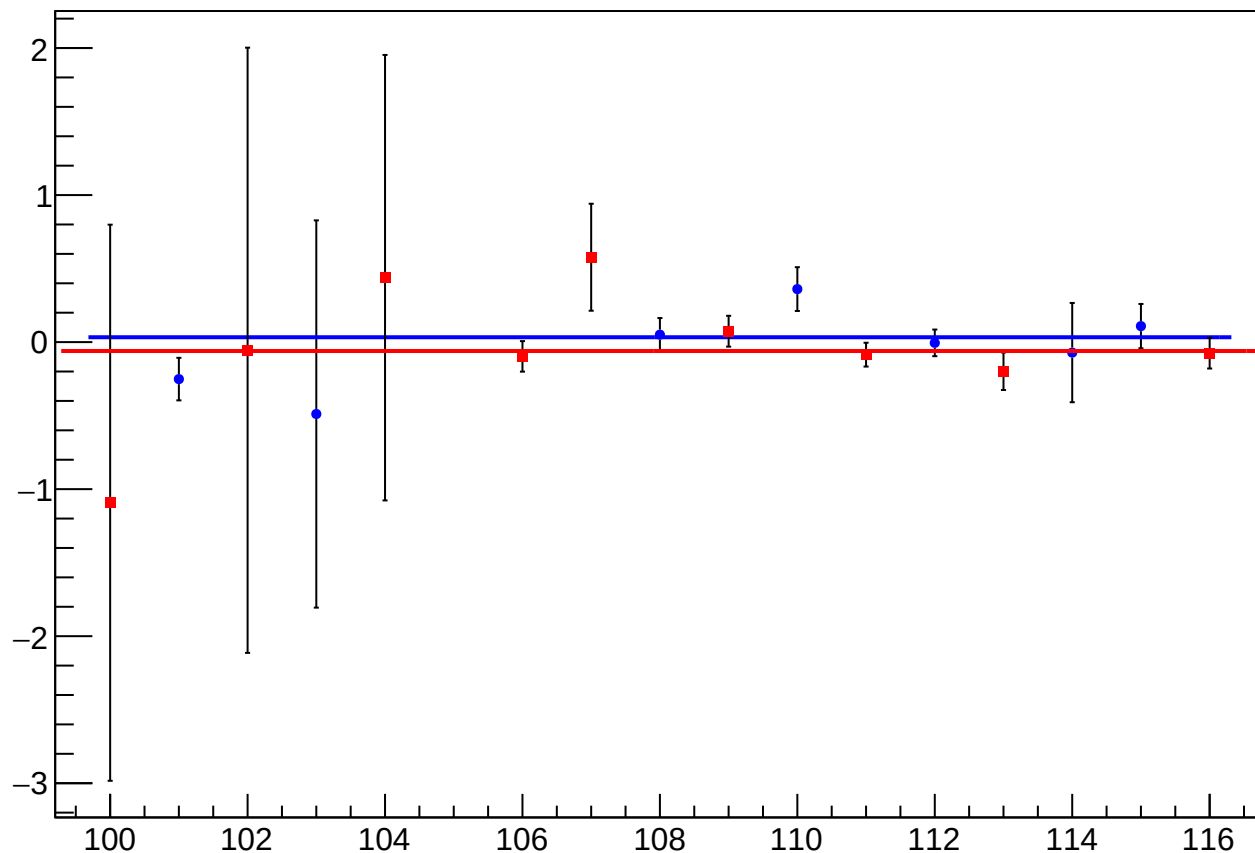
Right: 0.001+/-0.000 χ^2/NDF : 4793211.1/15

In: 0.001+/-0.000 χ^2/NDF : 2028665.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4793211.1/15

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.054 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.045 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

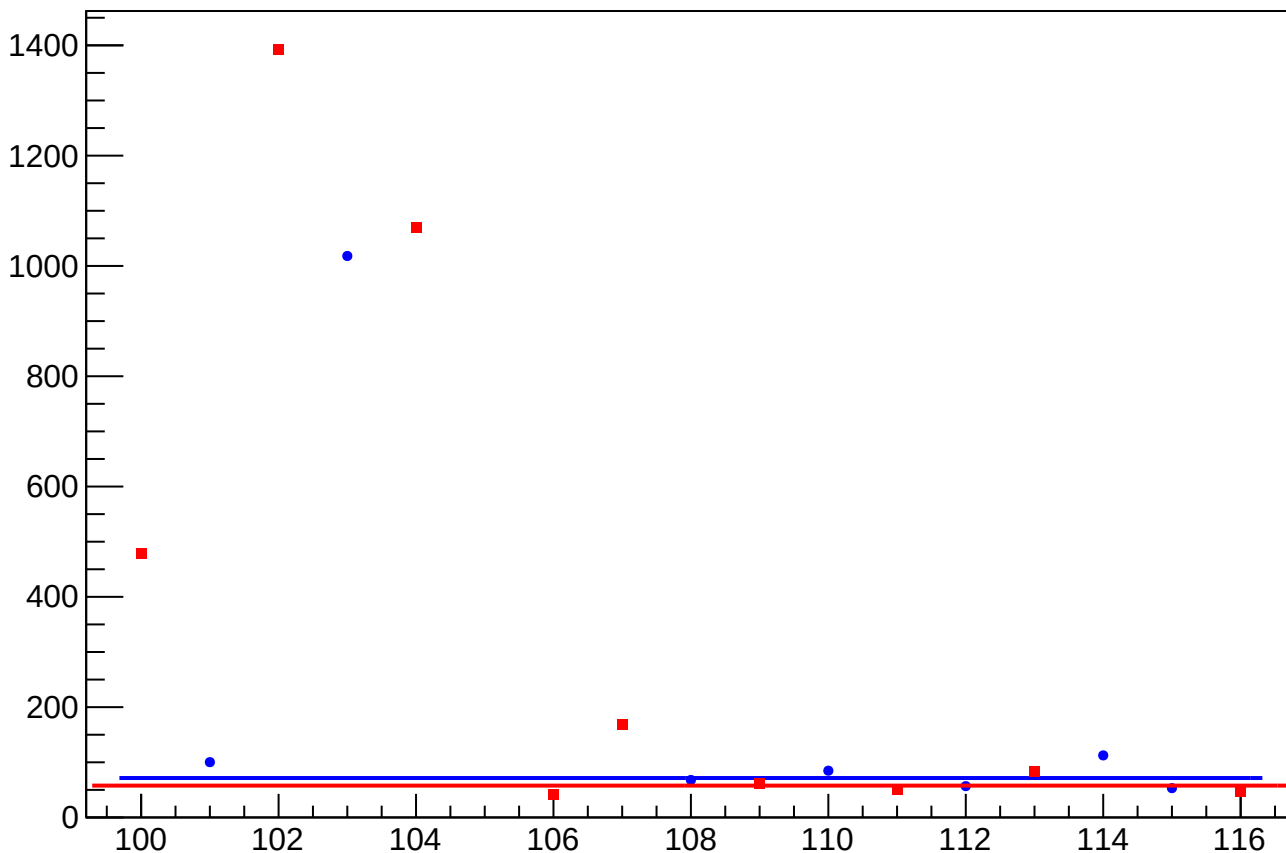
Right: -0.022+/-0.034 χ^2/NDF : 17.7/15

In: 0.033+/-0.054 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.034 χ^2/NDF : 17.7/15

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.501+/-0.038 χ^2/NDF : 1242387.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.751+/-0.032 χ^2/NDF : 2187766.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

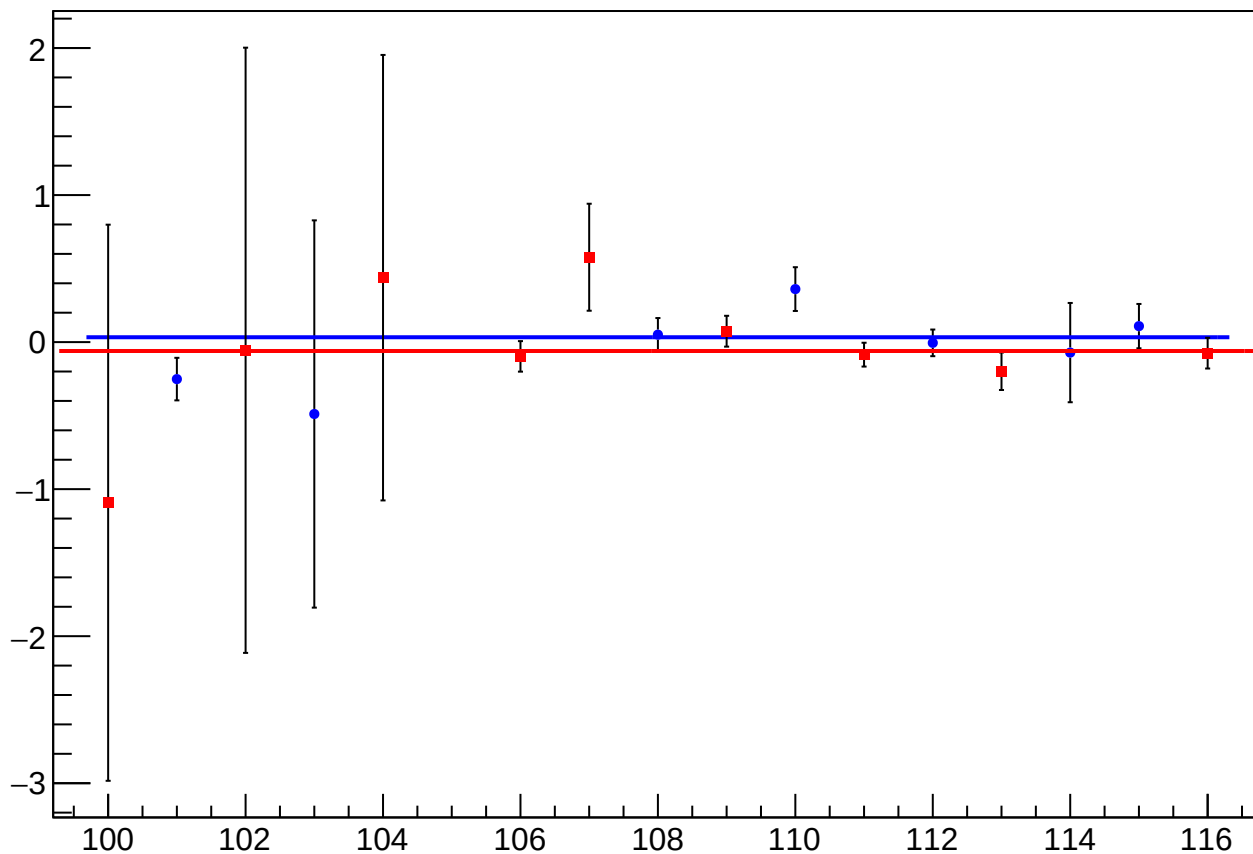
Right: 63.393+/-0.024 χ^2/NDF : 3507360.3/15

In: 71.501+/-0.038 χ^2/NDF : 1242387.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.393+/-0.024 χ^2/NDF : 3507360.3/15

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.054 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-0.045 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

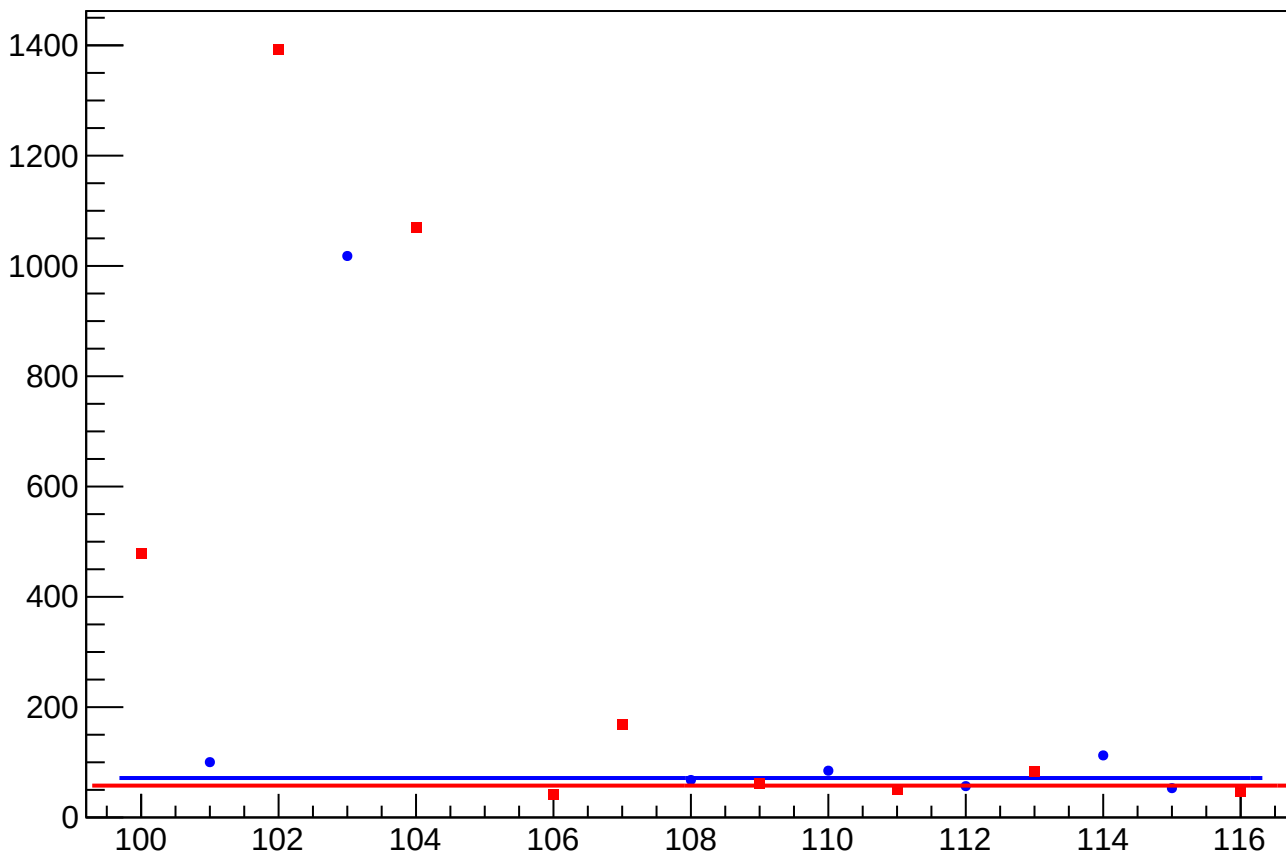
Right: -0.022+/-0.034 χ^2/NDF : 17.7/15

In: 0.033+/-0.054 χ^2/NDF :9.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.034 χ^2/NDF : 17.7/15

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.501+/-0.038 χ^2/NDF : 1242387.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.751+/-0.032 χ^2/NDF : 2187766.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

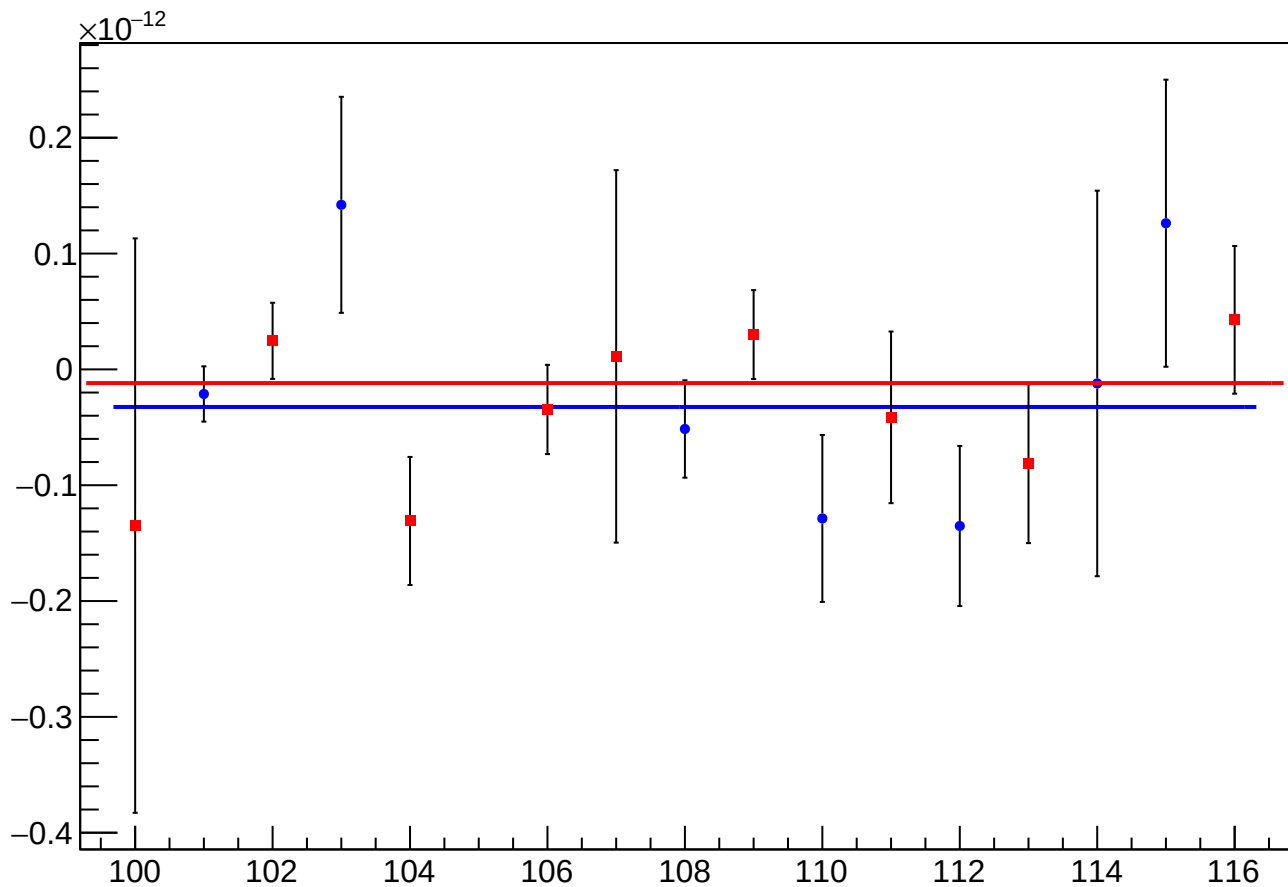
Right: 63.393+/-0.024 χ^2/NDF : 3507360.3/15

In: 71.501+/-0.038 χ^2/NDF : 1242387.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.393+/-0.024 χ^2/NDF : 3507360.3/15

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

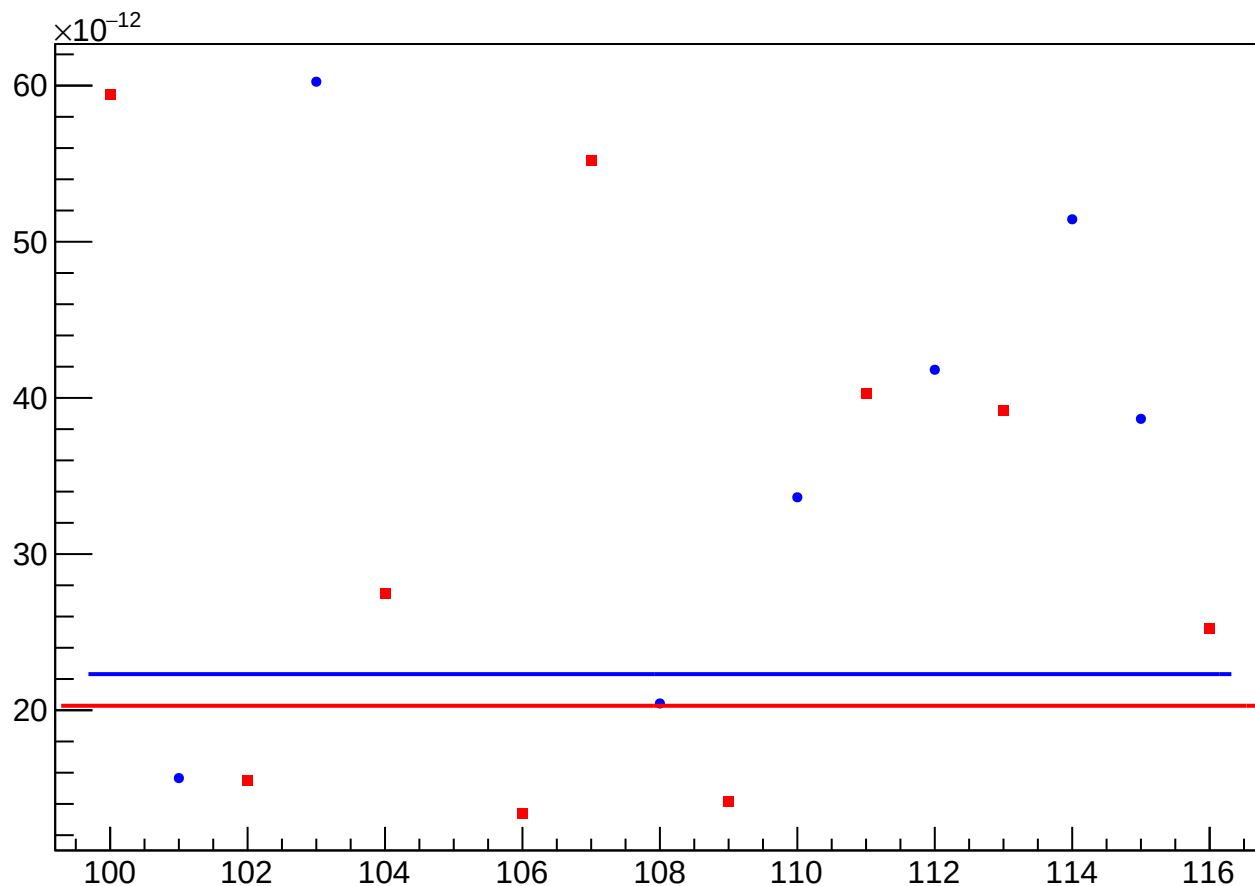
Right: -0.000+/-0.000 χ^2/NDF : 19.8/15

In: -0.000+/-0.000 χ^2/NDF : 9.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/15

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 794986.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 644763.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

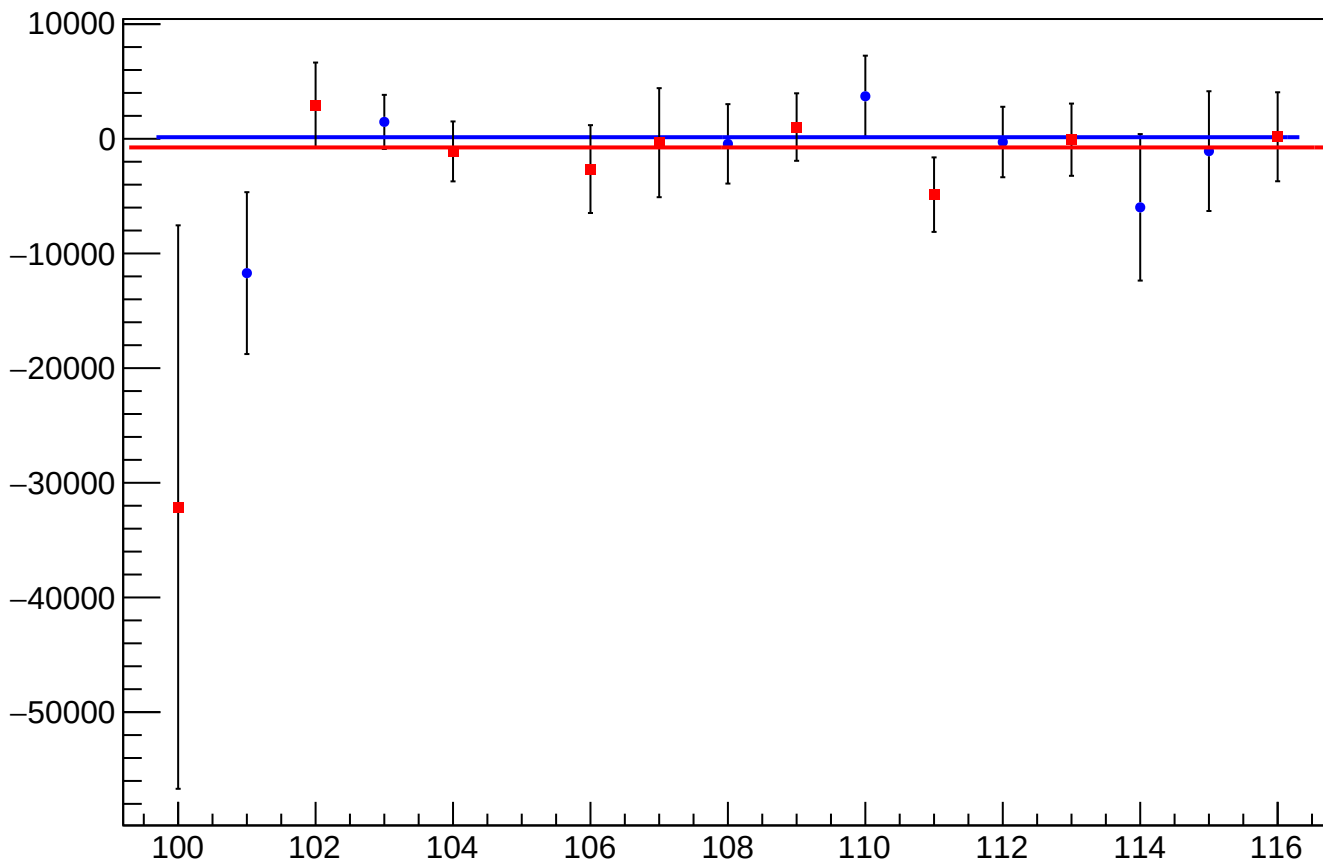
Right: 0.000+/-0.000 χ^2/NDF : 1452515.2/15

In: 0.000+/-0.000 χ^2/NDF : 794986.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1452515.2/15

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 138.520+/-1373.457 χ^2 /NDF: 5.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -752.893+/-1186.376 χ^2 /NDF: 5.0/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

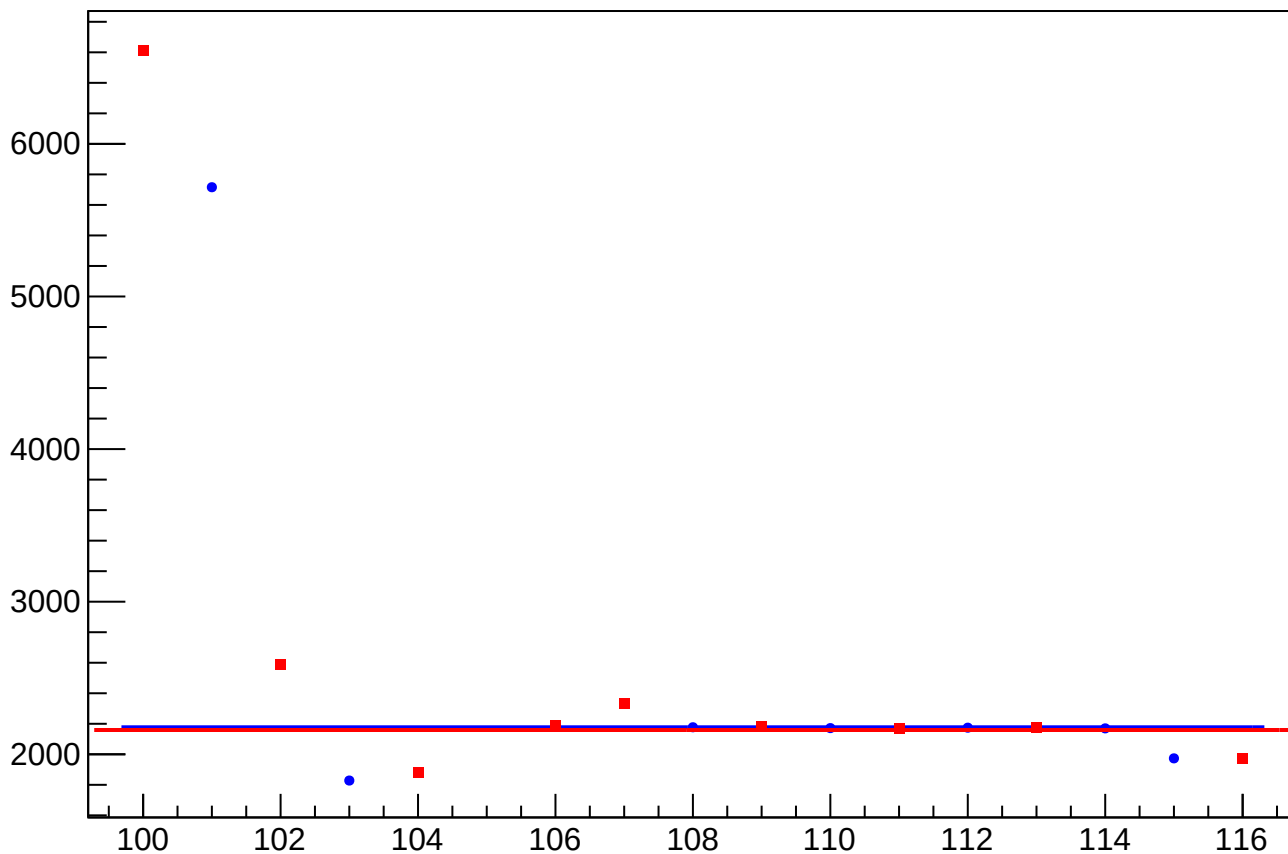
Right: -371.988+/-897.809 χ^2 /NDF: 10.4/15

In: 138.520+/-1373.457 χ^2 /NDF: 5.2/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -371.988+/-897.809 χ^2 /NDF: 10.4/15

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.946+/-0.971 χ^2 /NDF: 549552.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2159.272+/-0.839 χ^2 /NDF: 123400.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

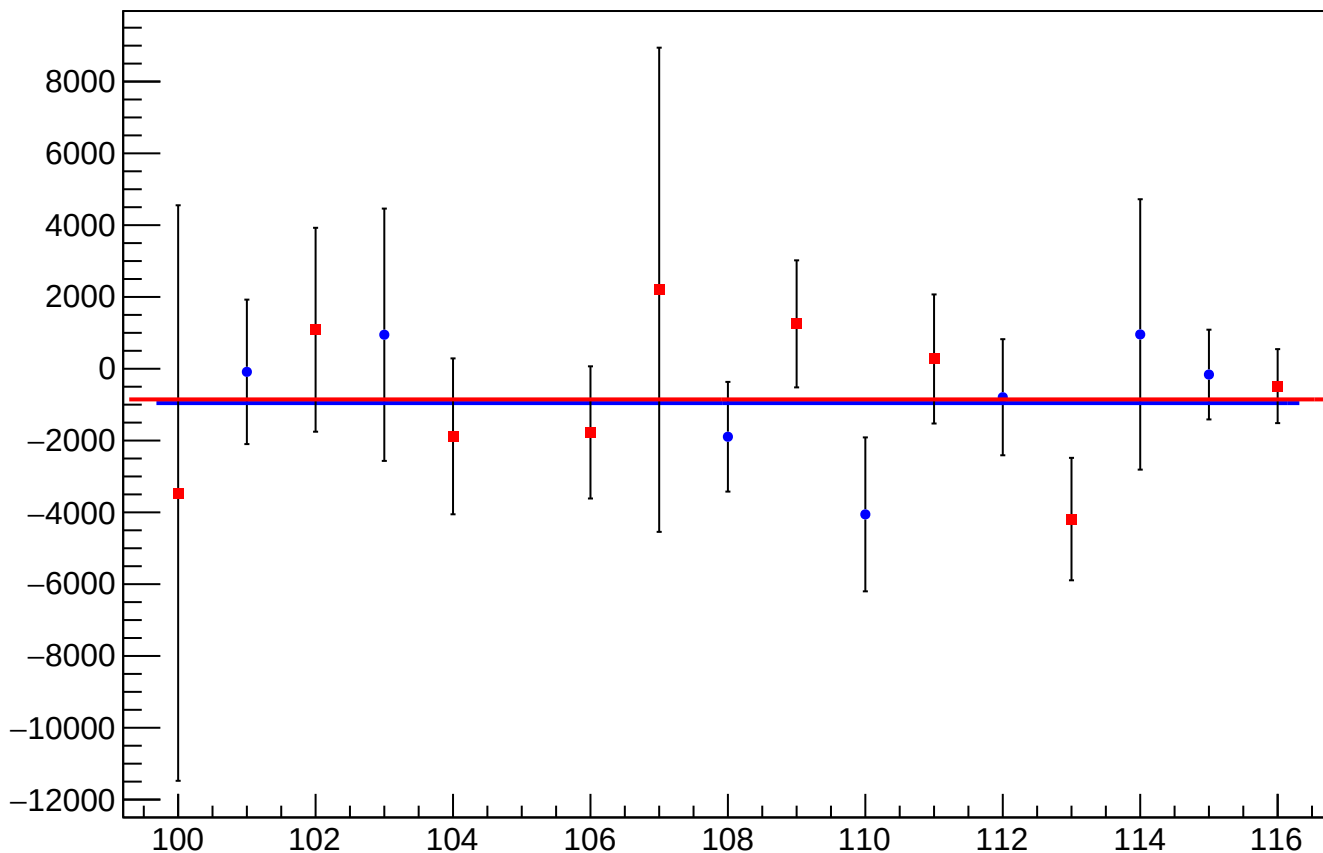
Right: 2166.824+/-0.635 χ^2 /NDF: 673142.5/15

In: 2176.946+/-0.971 χ^2 /NDF:549552.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2166.824+/-0.635 χ^2 /NDF: 673142.5/15

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -956.757+/-695.544 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -853.692+/-622.234 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

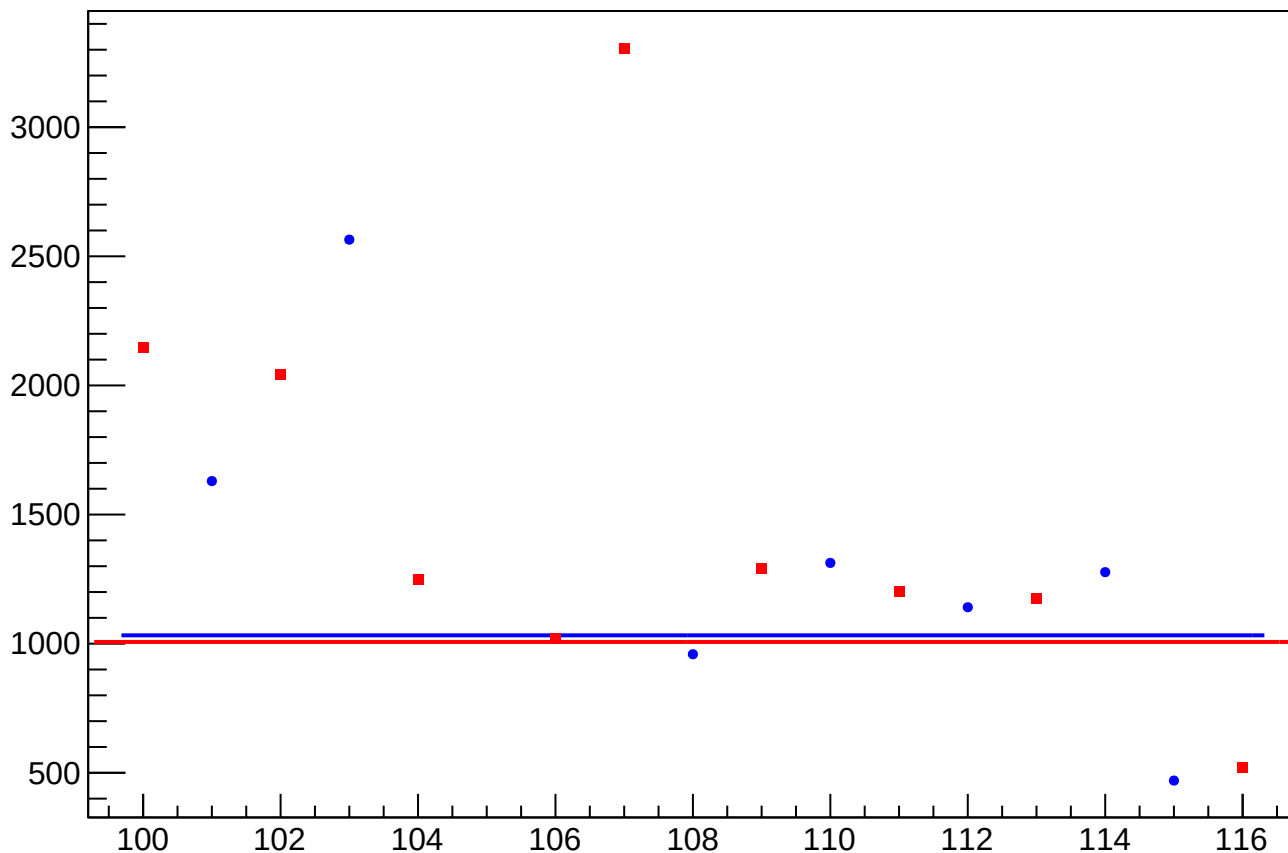
Right: -899.509+/-463.746 χ^2/NDF : 10.6/15

In: -956.757+/-695.544 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -899.509+/-463.746 χ^2/NDF : 10.6/15

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1032.349+/-0.492 χ^2/NDF : 1017771.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.718+/-0.440 χ^2/NDF : 1105867.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

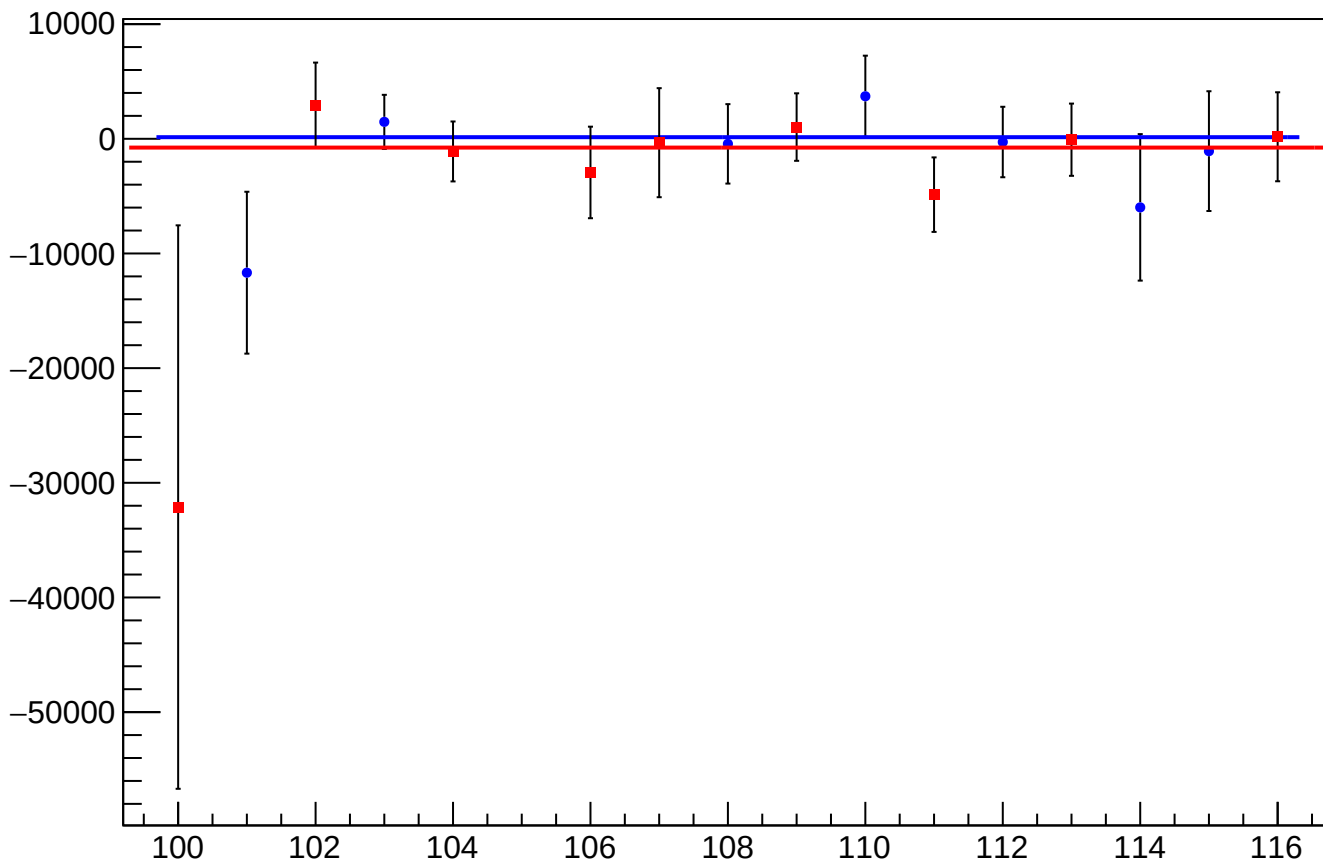
Right: 1018.112+/-0.328 χ^2/NDF : 2125147.1/15

In: 1032.349+/-0.492 χ^2/NDF : 1017771.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.112+/-0.328 χ^2/NDF : 2125147.1/15

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 140.947+/-1373.458 χ^2 /NDF: 5.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -766.042+/-1190.890 χ^2 /NDF: 5.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

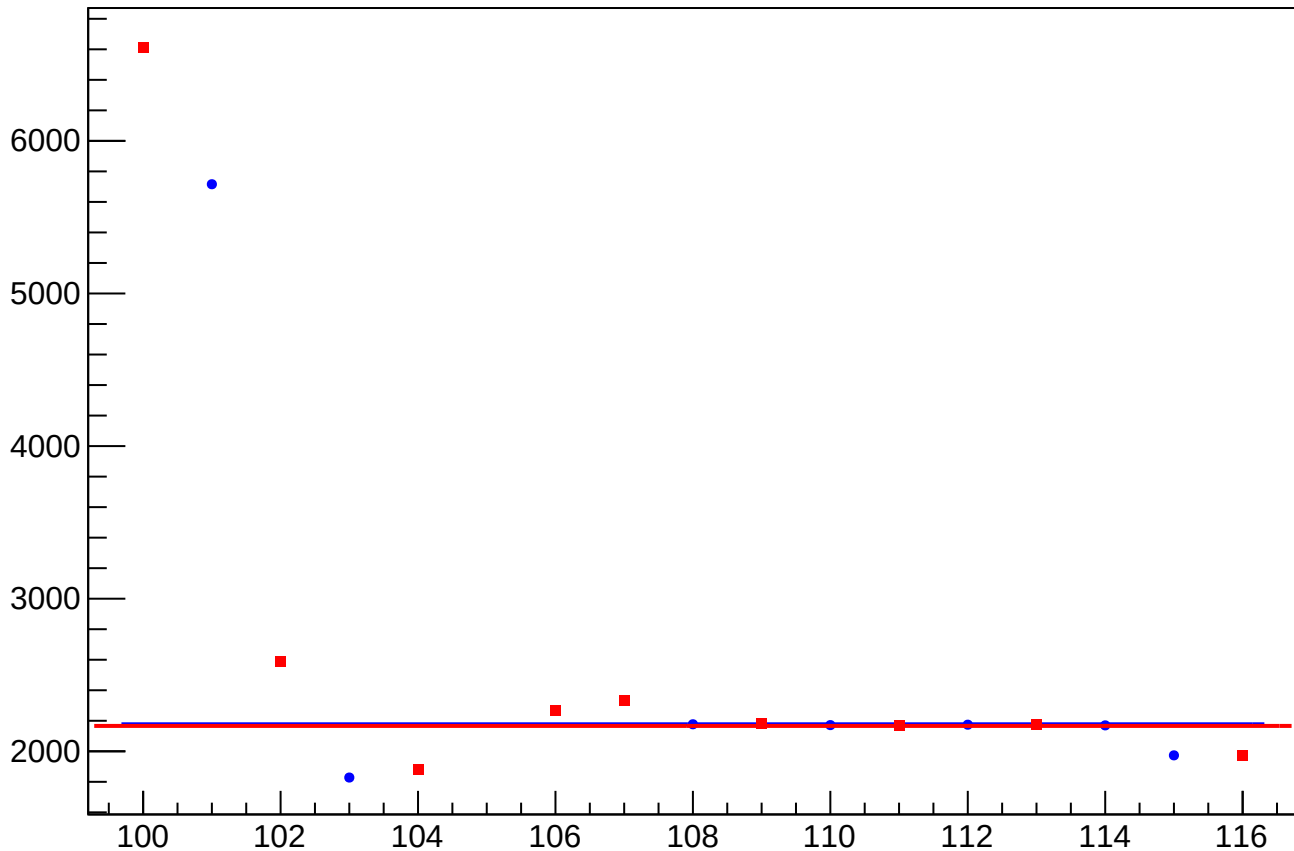
Right: -376.795+/-899.761 χ^2 /NDF: 10.4/15

In: 140.947+/-1373.458 χ^2 /NDF:5.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -376.795+/-899.761 χ^2 /NDF: 10.4/15

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.947+/-0.971 χ^2/NDF : 549552.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2166.349+/-0.842 χ^2/NDF : 124739.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

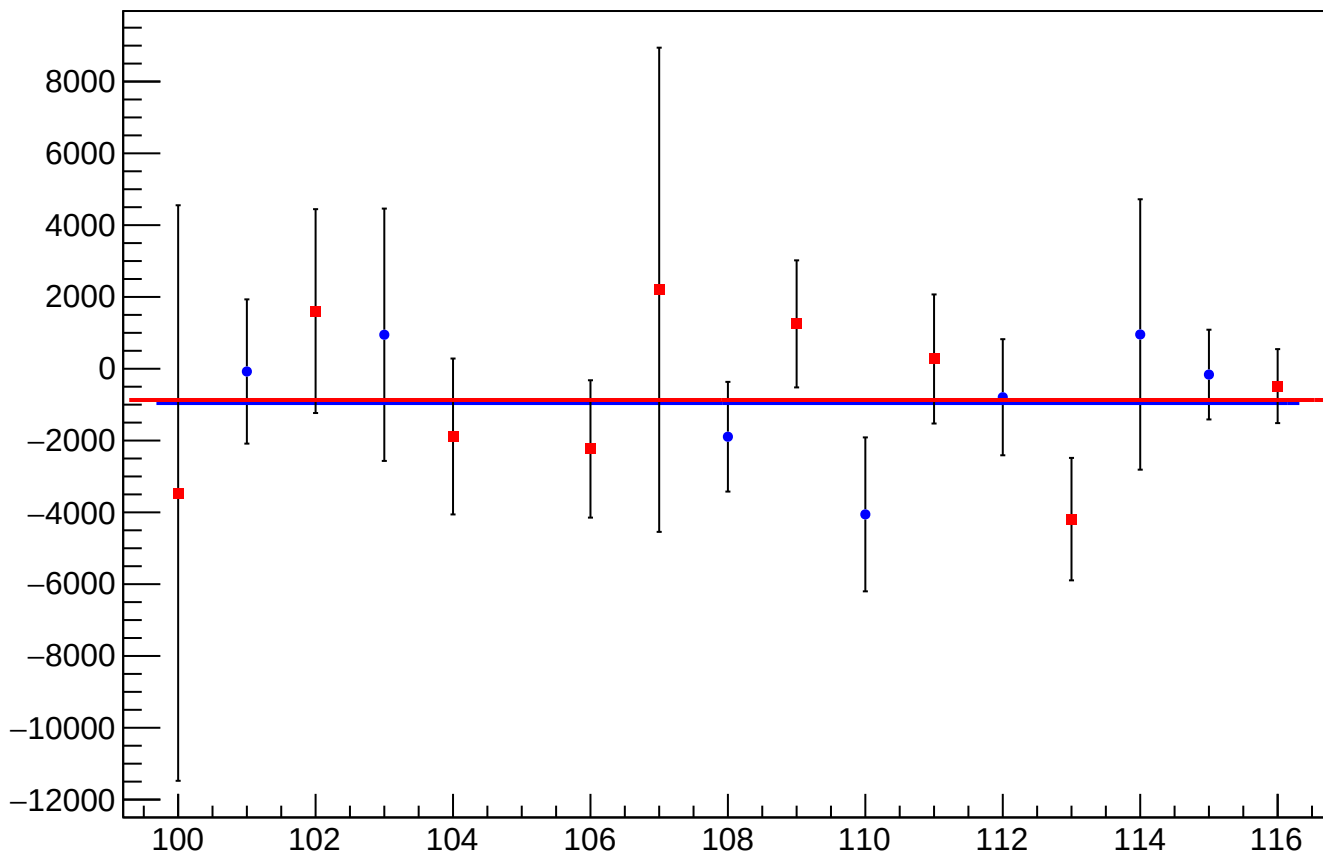
Right: 2170.897+/-0.636 χ^2/NDF : 674359.3/15

In: 2176.947+/-0.971 χ^2/NDF : 549552.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.897+/-0.636 χ^2/NDF : 674359.3/15

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -955.439+/-695.399 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -870.364+/-624.860 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

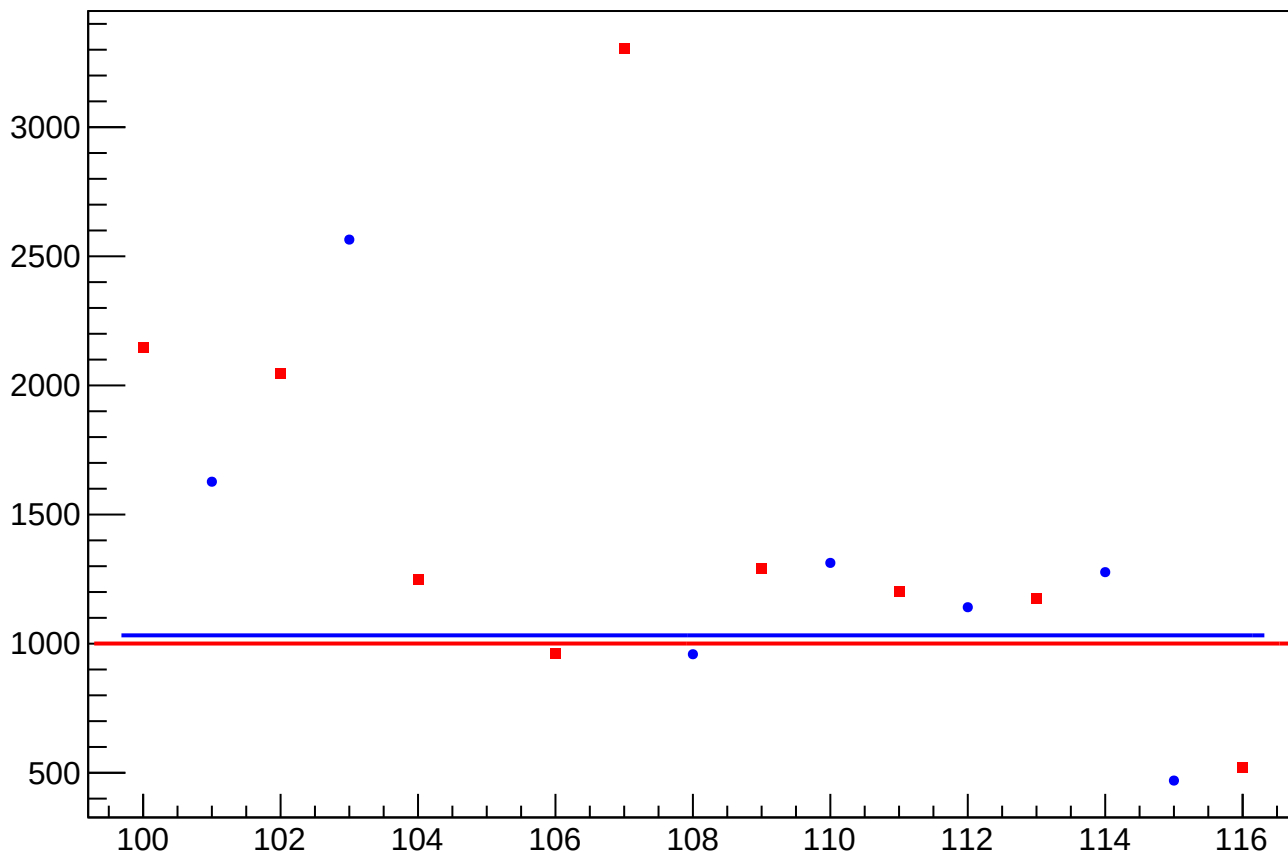
Right: -908.369+/-464.787 χ^2/NDF : 11.2/15

In: -955.439+/-695.399 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.369+/-464.787 χ^2/NDF : 11.2/15

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.222+/-0.492 χ^2/NDF : 1017048.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1000.537+/-0.442 χ^2/NDF : 1108706.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

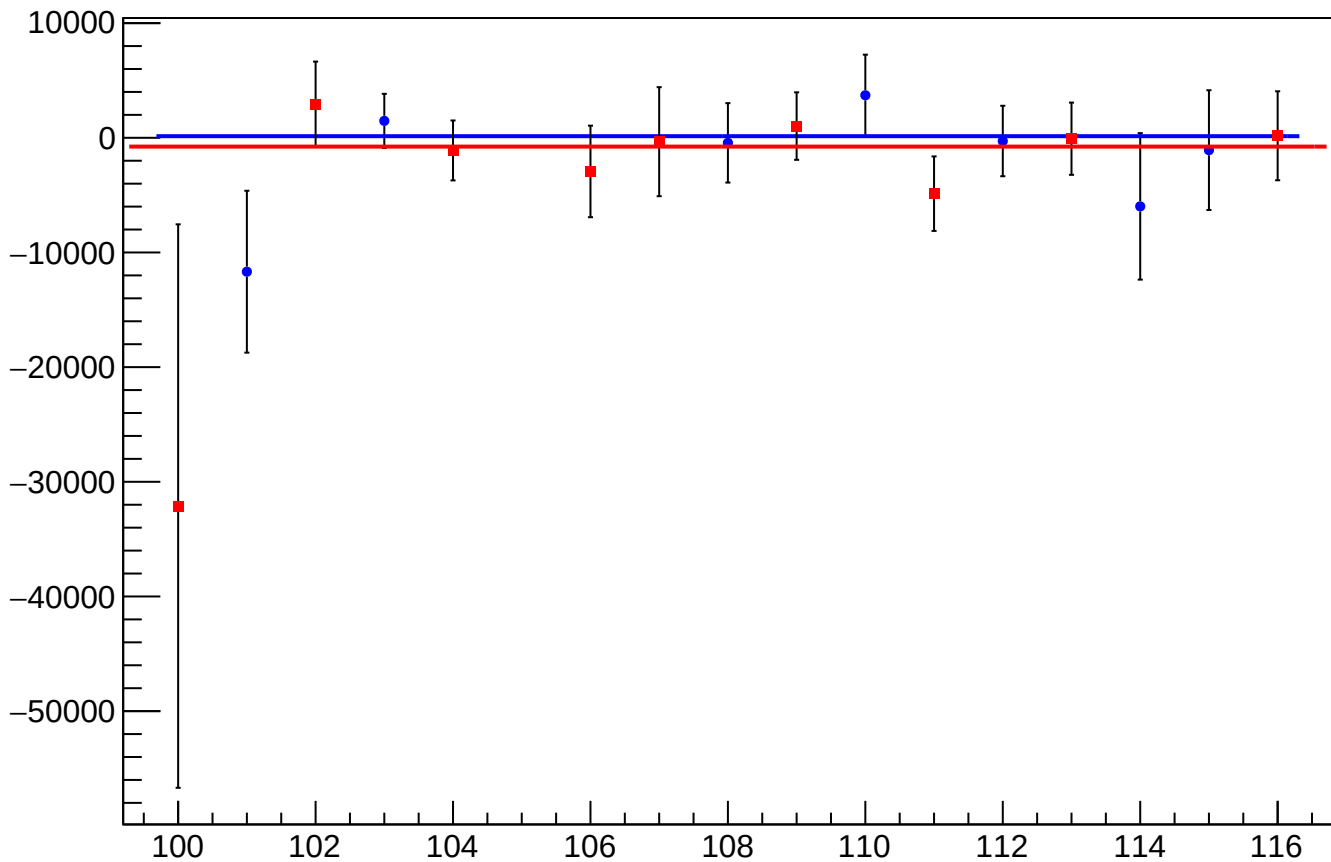
Right: 1014.692+/-0.329 χ^2/NDF : 2128052.5/15

In: 1032.222+/-0.492 χ^2/NDF : 1017048.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.692+/-0.329 χ^2/NDF : 2128052.5/15

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 140.947+/-1373.458 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -766.042+/-1190.890 χ^2/NDF : 5.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

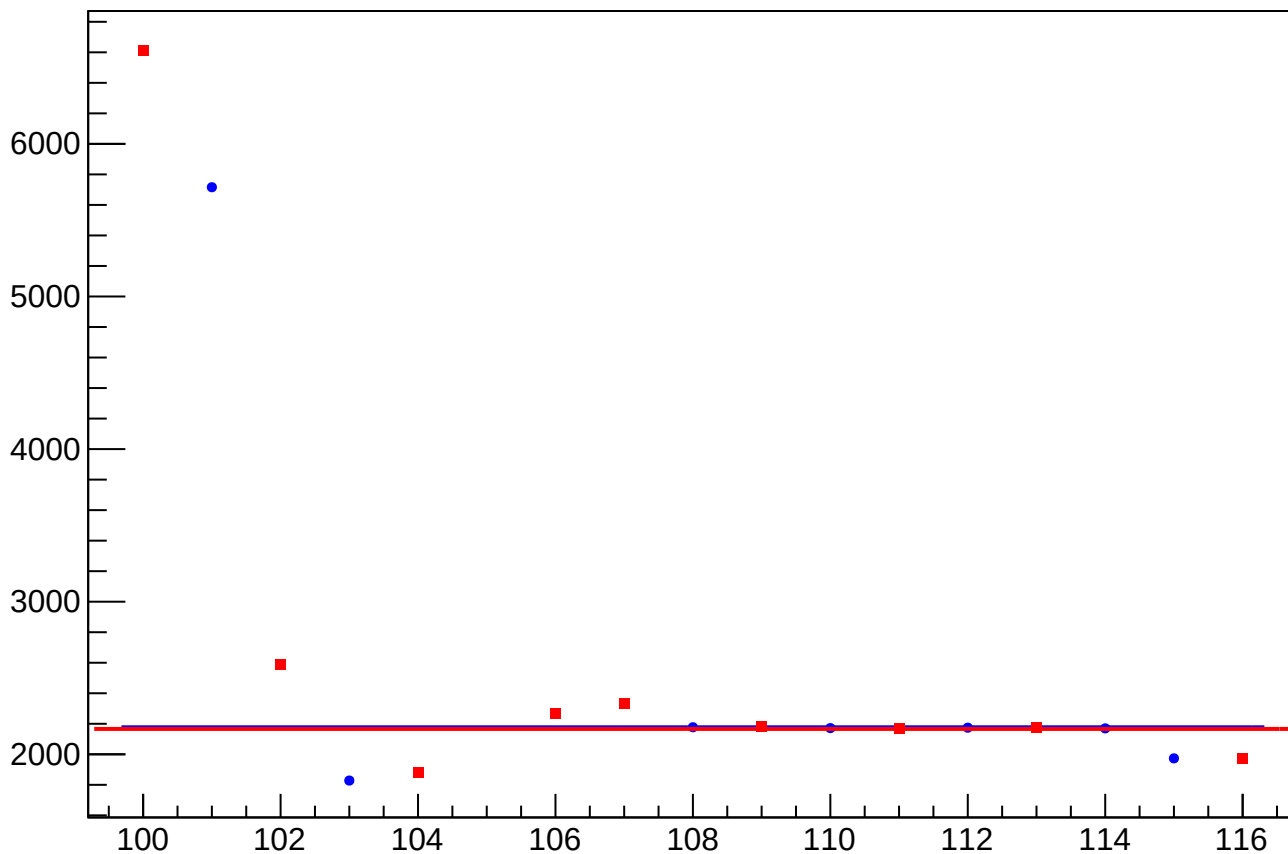
Right: -376.795+/-899.761 χ^2/NDF : 10.4/15

In: 140.947+/-1373.458 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.795+/-899.761 χ^2/NDF : 10.4/15

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.947+/-0.971 χ^2/NDF : 549552.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2166.349+/-0.842 χ^2/NDF : 124739.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

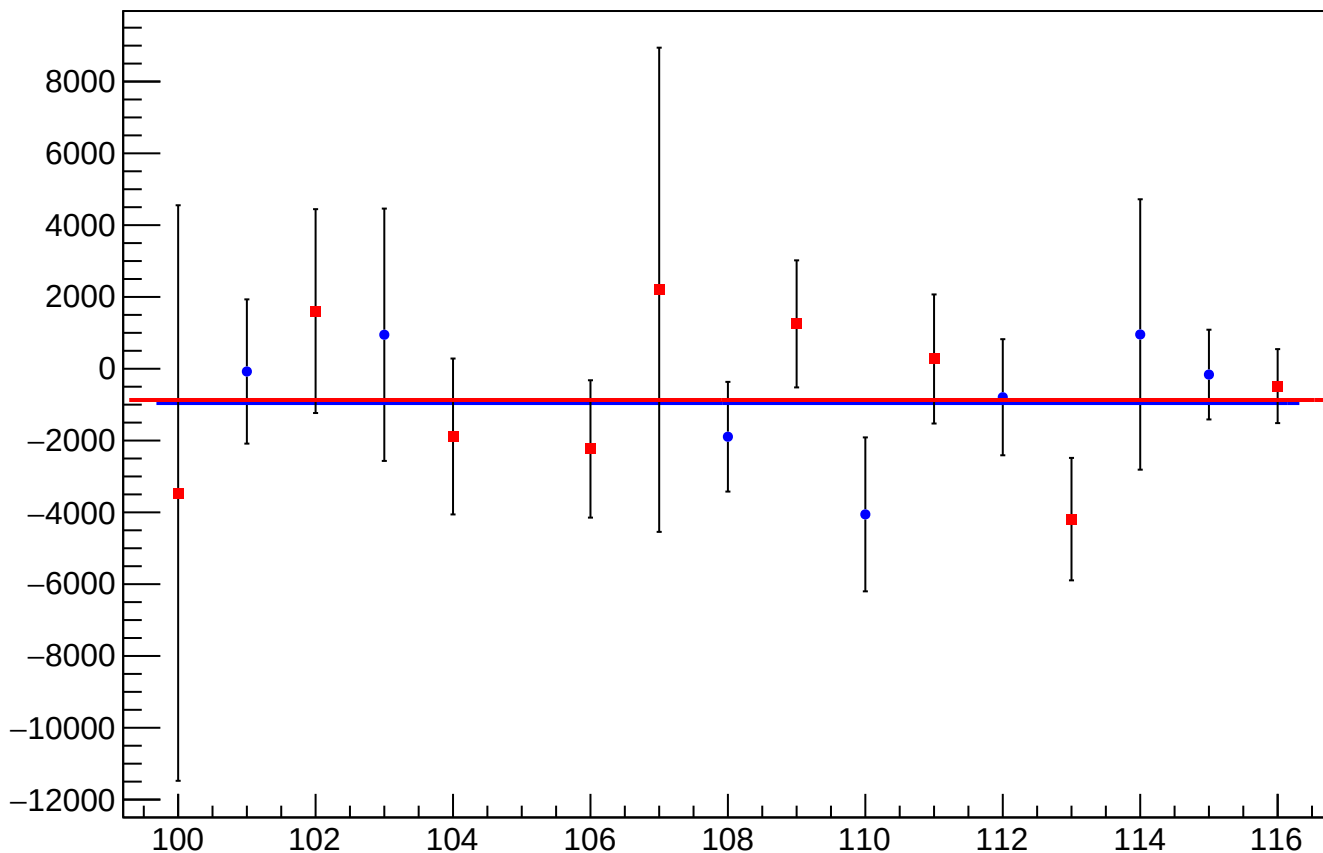
Right: 2170.897+/-0.636 χ^2/NDF : 674359.3/15

In: 2176.947+/-0.971 χ^2/NDF : 549552.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.897+/-0.636 χ^2/NDF : 674359.3/15

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -955.439+/-695.399 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -870.364+/-624.860 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

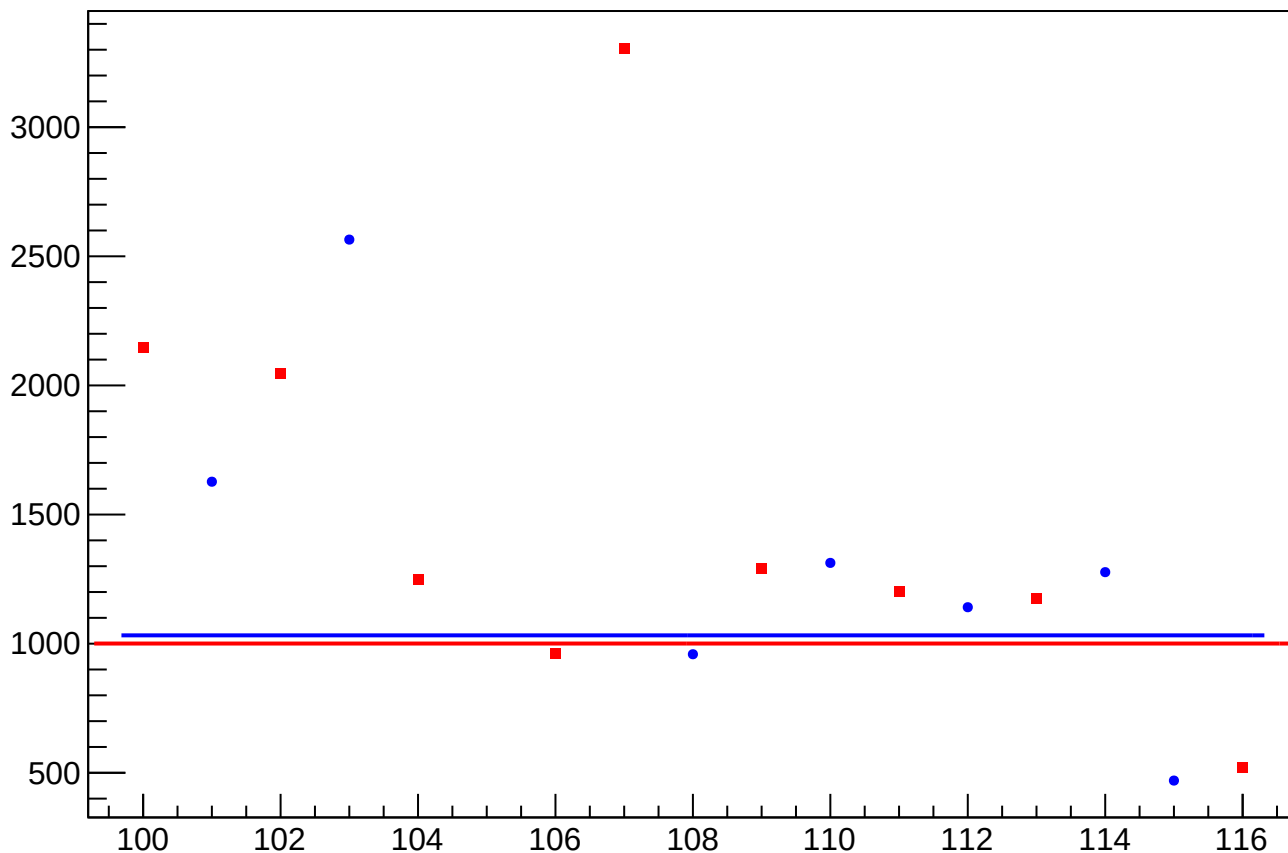
Right: -908.369+/-464.787 χ^2/NDF : 11.2/15

In: -955.439+/-695.399 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.369+/-464.787 χ^2/NDF : 11.2/15

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.222+/-0.492 χ^2/NDF : 1017048.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1000.537+/-0.442 χ^2/NDF : 1108706.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

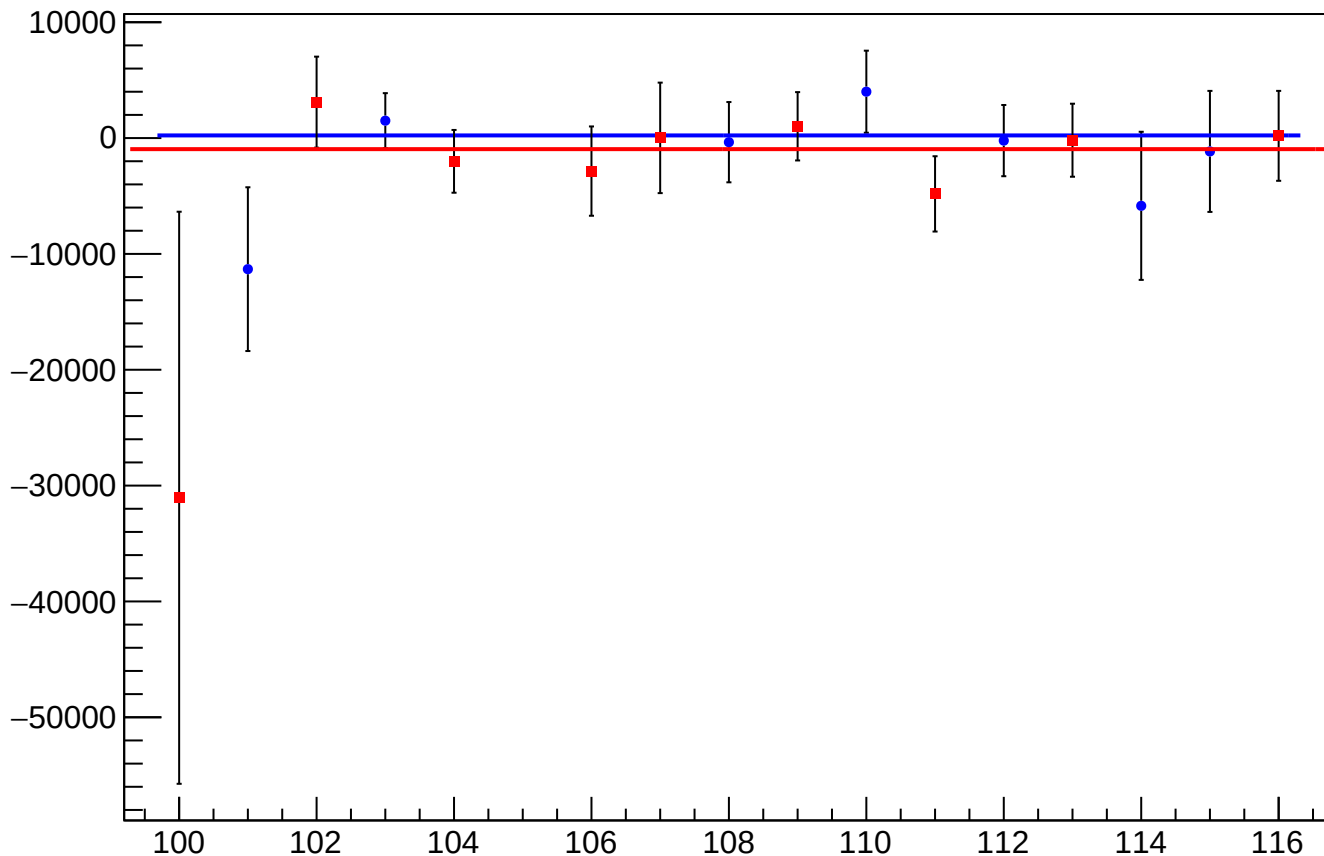
Right: 1014.692+/-0.329 χ^2/NDF : 2128052.5/15

In: 1032.222+/-0.492 χ^2/NDF : 1017048.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.692+/-0.329 χ^2/NDF : 2128052.5/15

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 228.498+/-1377.474 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -955.901+/-1203.317 χ^2/NDF : 5.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

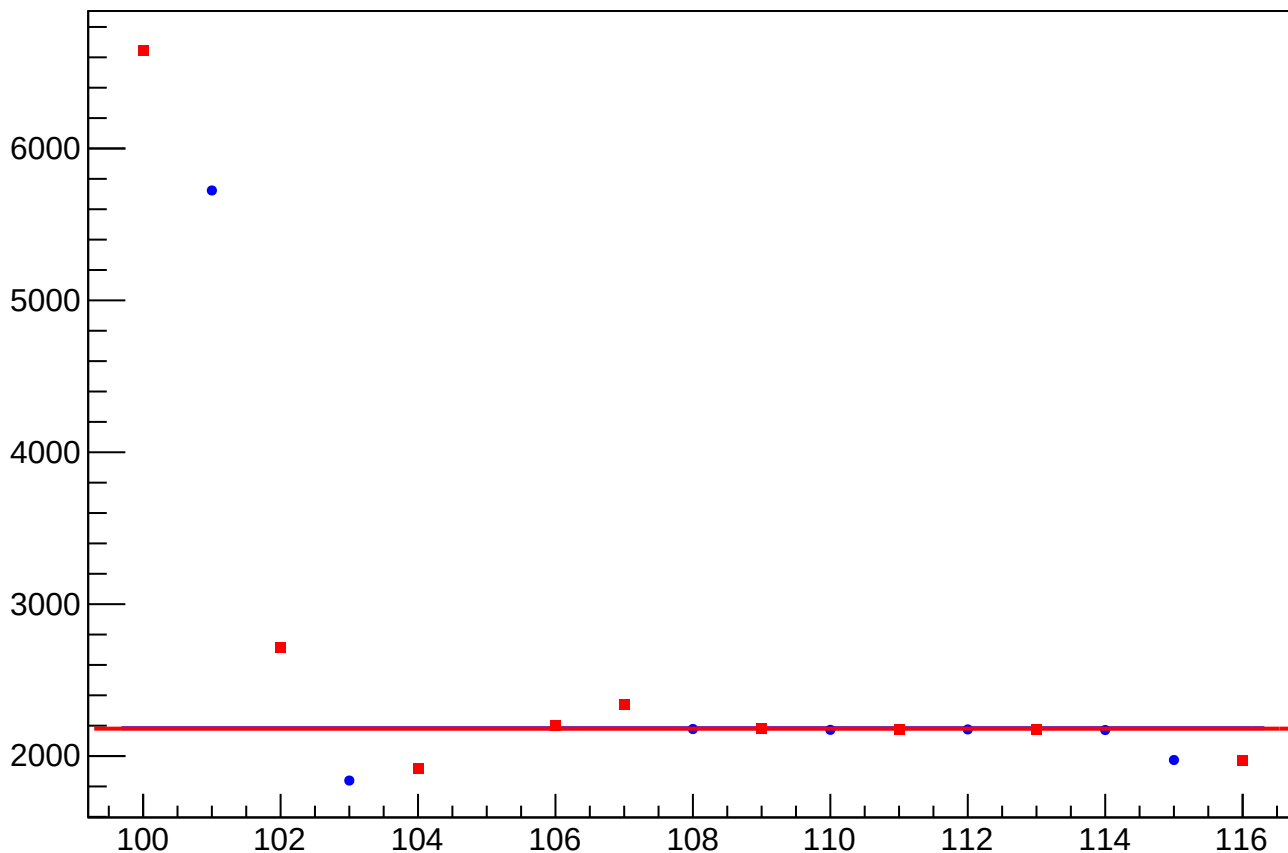
Right: -443.264+/-906.231 χ^2/NDF : 10.5/15

In: 228.498+/-1377.474 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.264+/-906.231 χ^2/NDF : 10.5/15

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2182.951+/-0.974 χ^2/NDF : 547011.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.474+/-0.851 χ^2/NDF : 128528.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

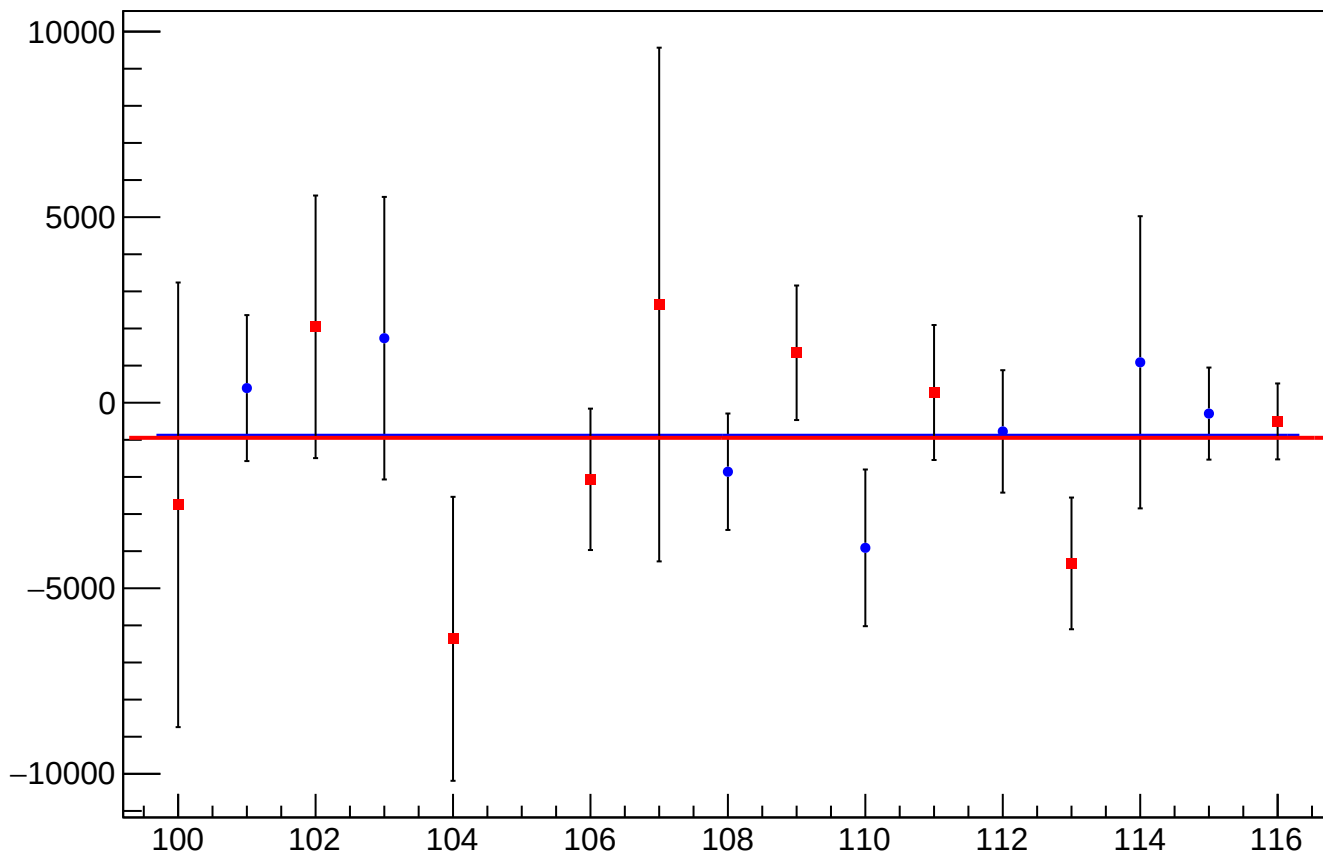
Right: 2181.546+/-0.641 χ^2/NDF : 675544.5/15

In: 2182.951+/-0.974 χ^2/NDF : 547011.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.546+/-0.641 χ^2/NDF : 675544.5/15

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -890.032+/-700.103 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -945.996+/-651.959 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

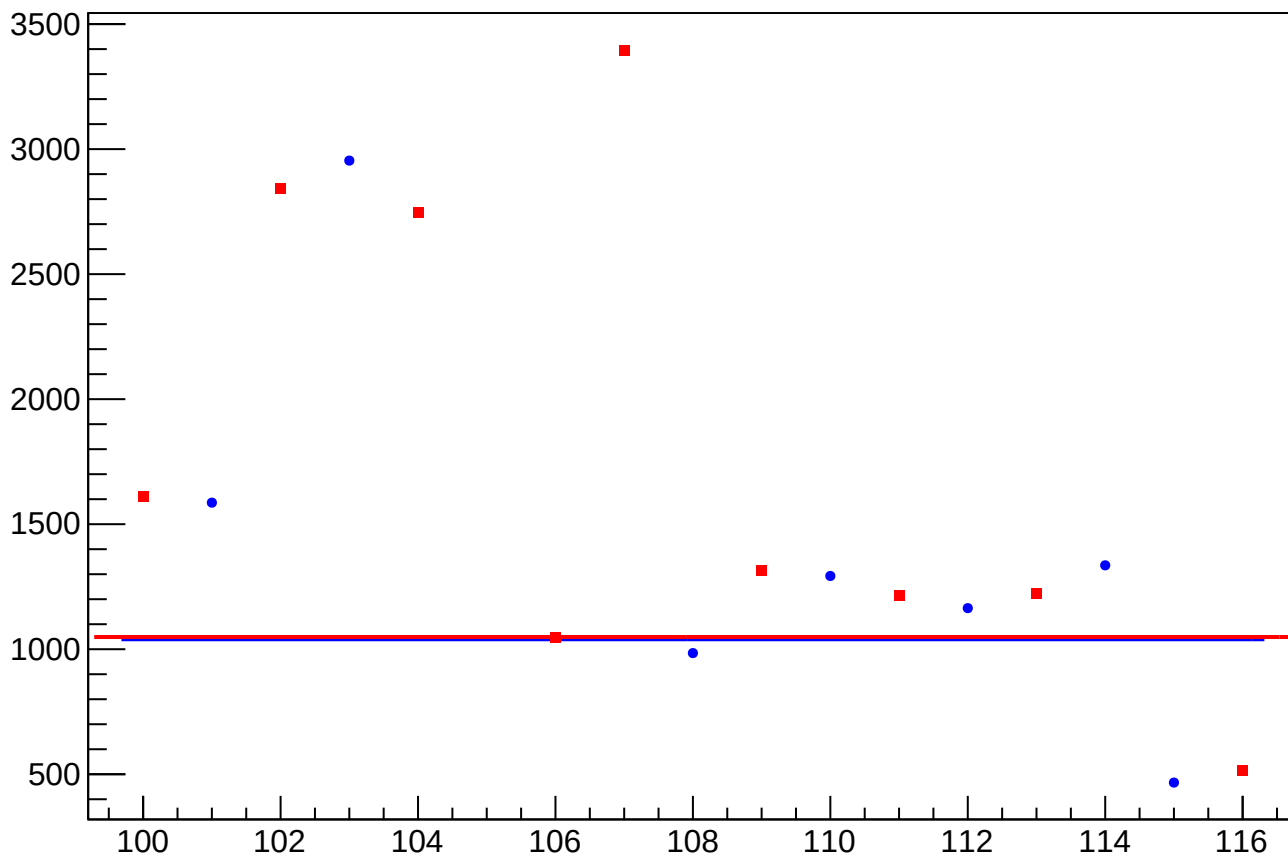
Right: -920.004+/-477.118 χ^2/NDF : 13.1/15

In: -890.032+/-700.103 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -920.004+/-477.118 χ^2/NDF : 13.1/15

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1039.868+/-0.495 χ^2/NDF : 1140887.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.805+/-0.461 χ^2/NDF : 1777802.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

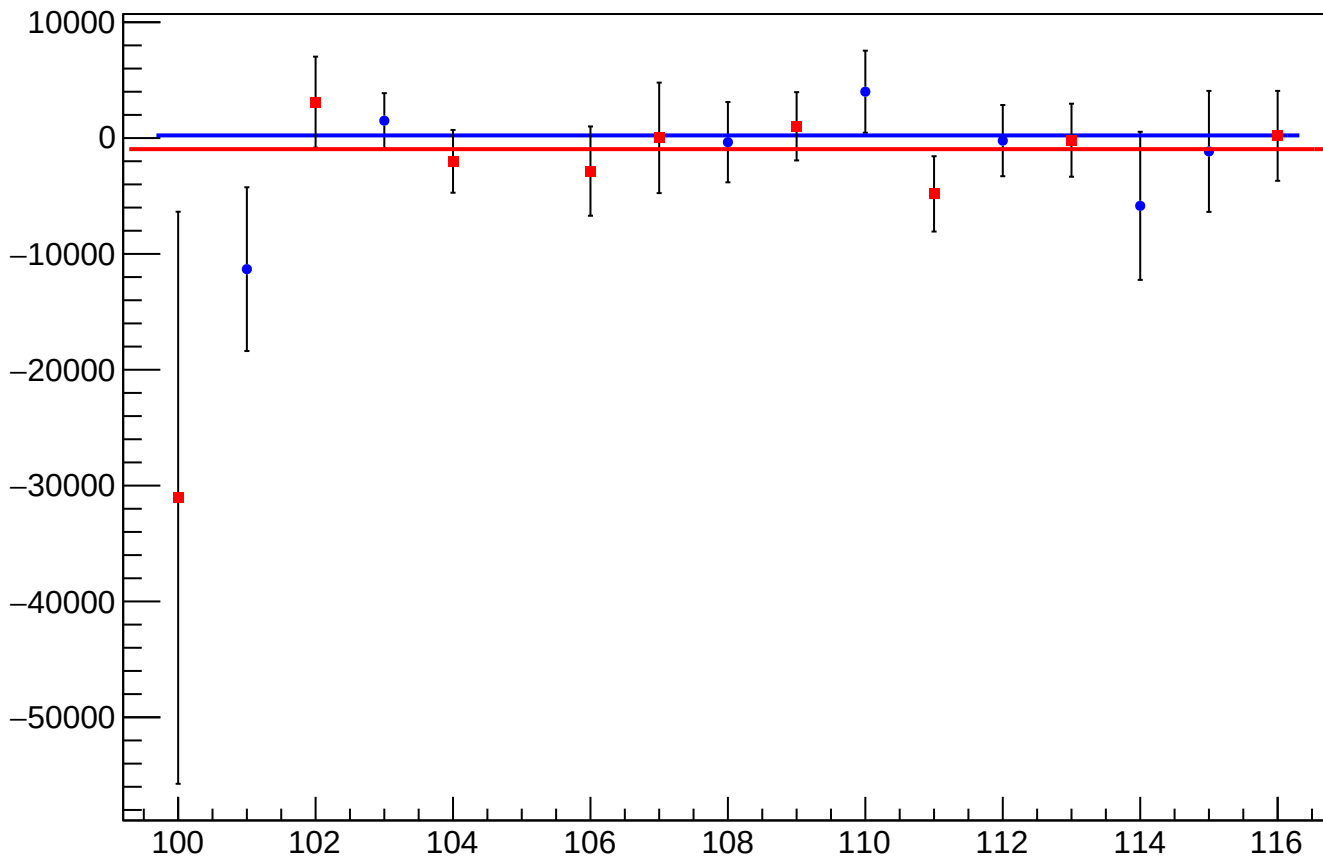
Right: 1044.654+/-0.337 χ^2/NDF : 2918864.1/15

In: 1039.868+/-0.495 χ^2/NDF : 1140887.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.654+/-0.337 χ^2/NDF : 2918864.1/15

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 228.496+/-1377.473 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -955.902+/-1203.317 χ^2/NDF : 5.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

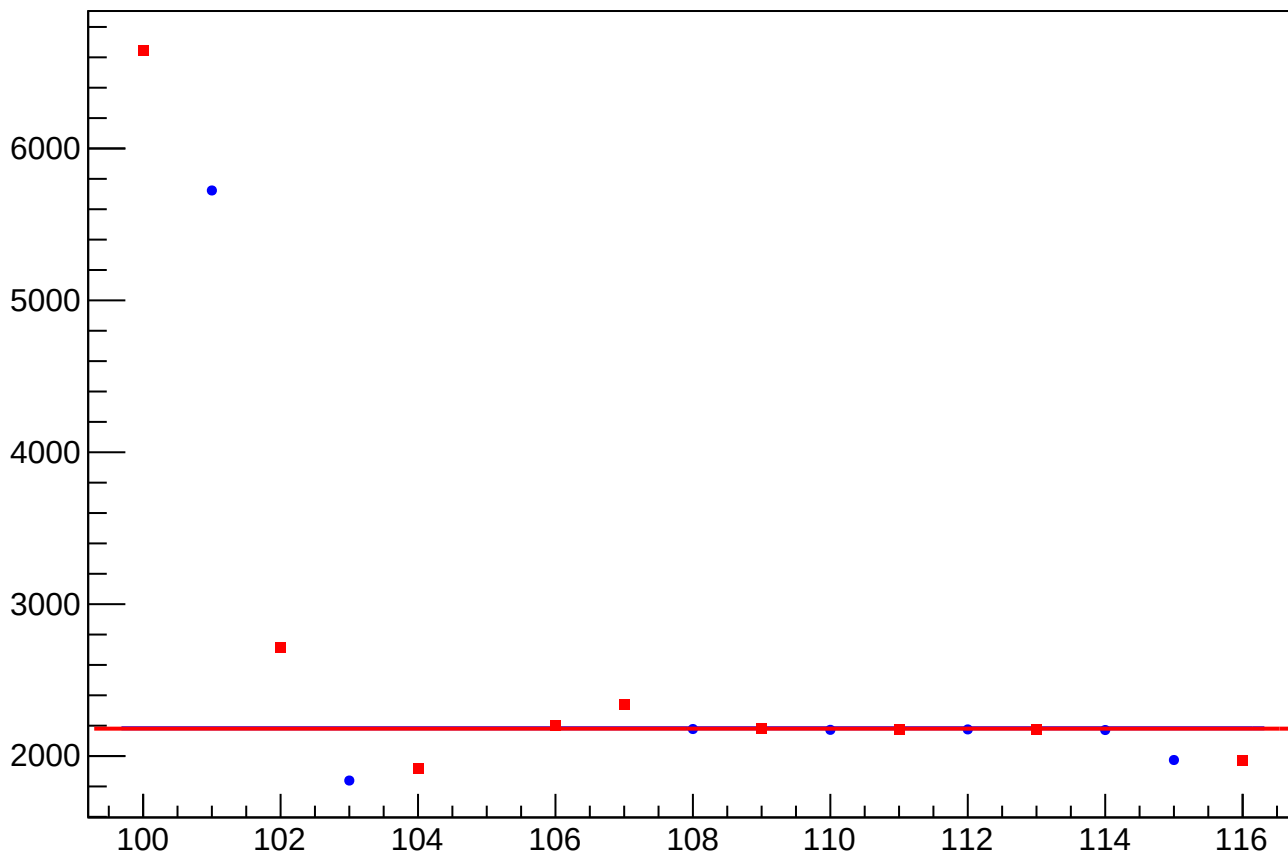
Right: -443.266+/-906.231 χ^2/NDF : 10.5/15

In: 228.496+/-1377.473 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.266+/-906.231 χ^2/NDF : 10.5/15

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2182.951+/-0.974 χ^2/NDF : 547012.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.474+/-0.851 χ^2/NDF : 128528.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

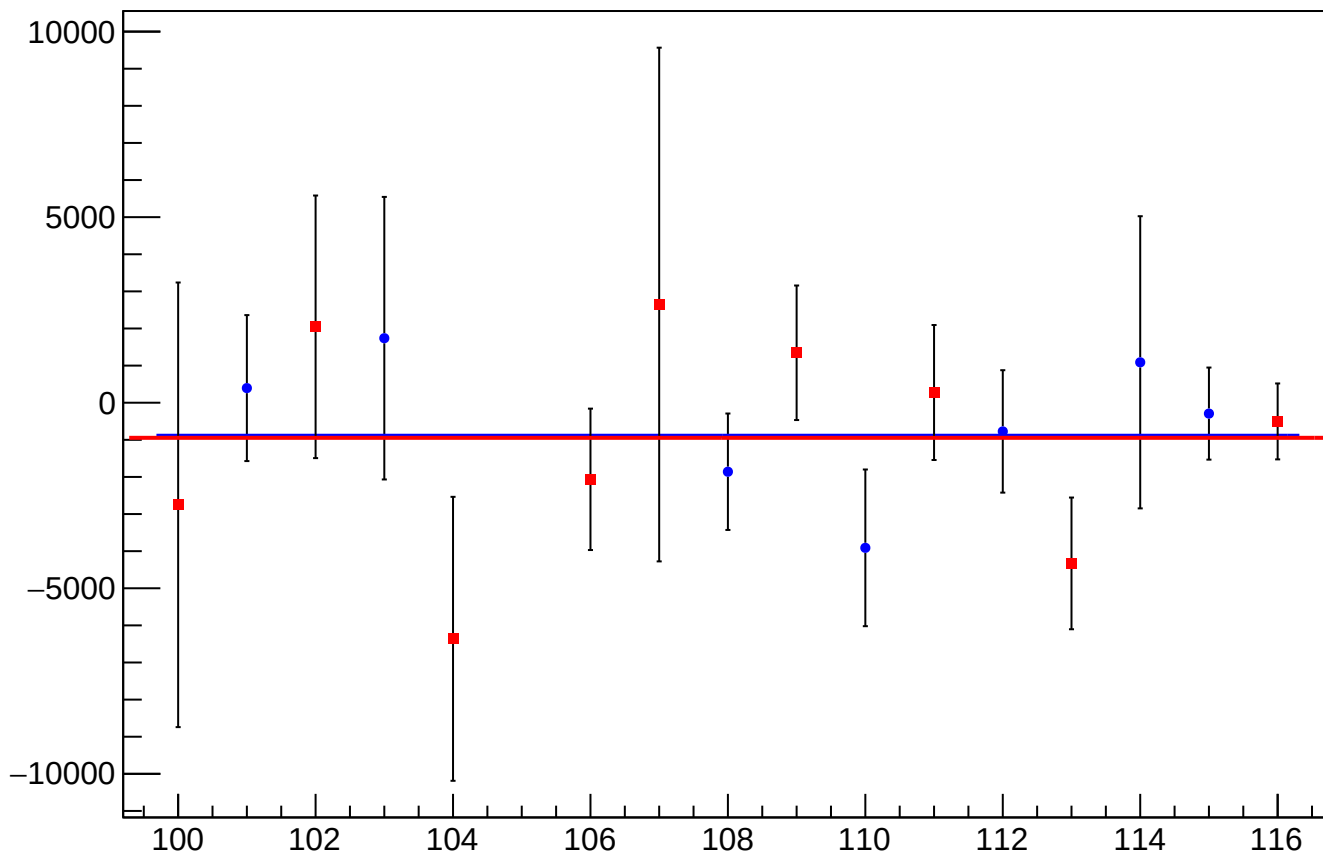
Right: 2181.546+/-0.641 χ^2/NDF : 675544.6/15

In: 2182.951+/-0.974 χ^2/NDF : 547012.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.546+/-0.641 χ^2/NDF : 675544.6/15

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -890.034+/-700.103 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -945.994+/-651.958 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

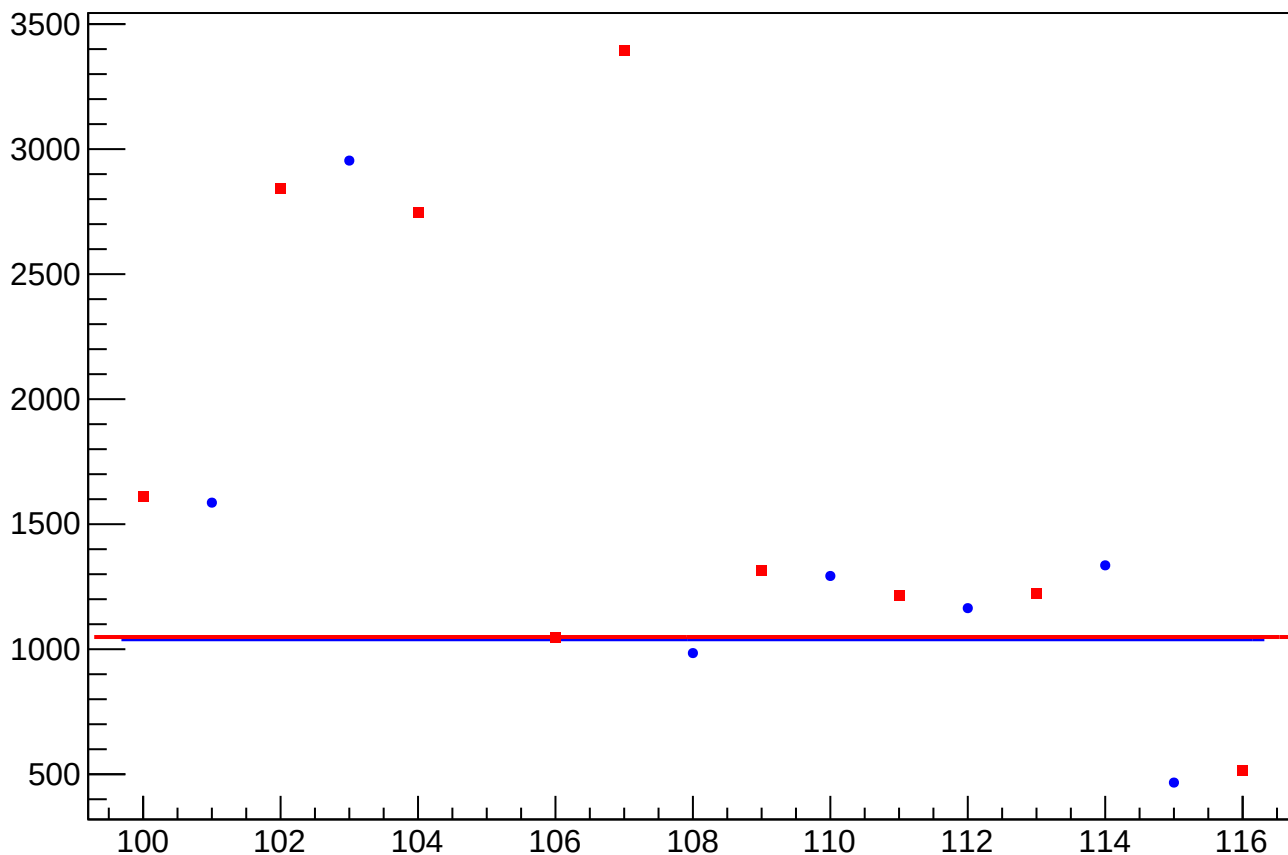
Right: -920.004+/-477.117 χ^2/NDF : 13.1/15

In: -890.034+/-700.103 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -920.004+/-477.117 χ^2/NDF : 13.1/15

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1039.866+/-0.495 χ^2/NDF : 1140891.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.804+/-0.461 χ^2/NDF : 1777807.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

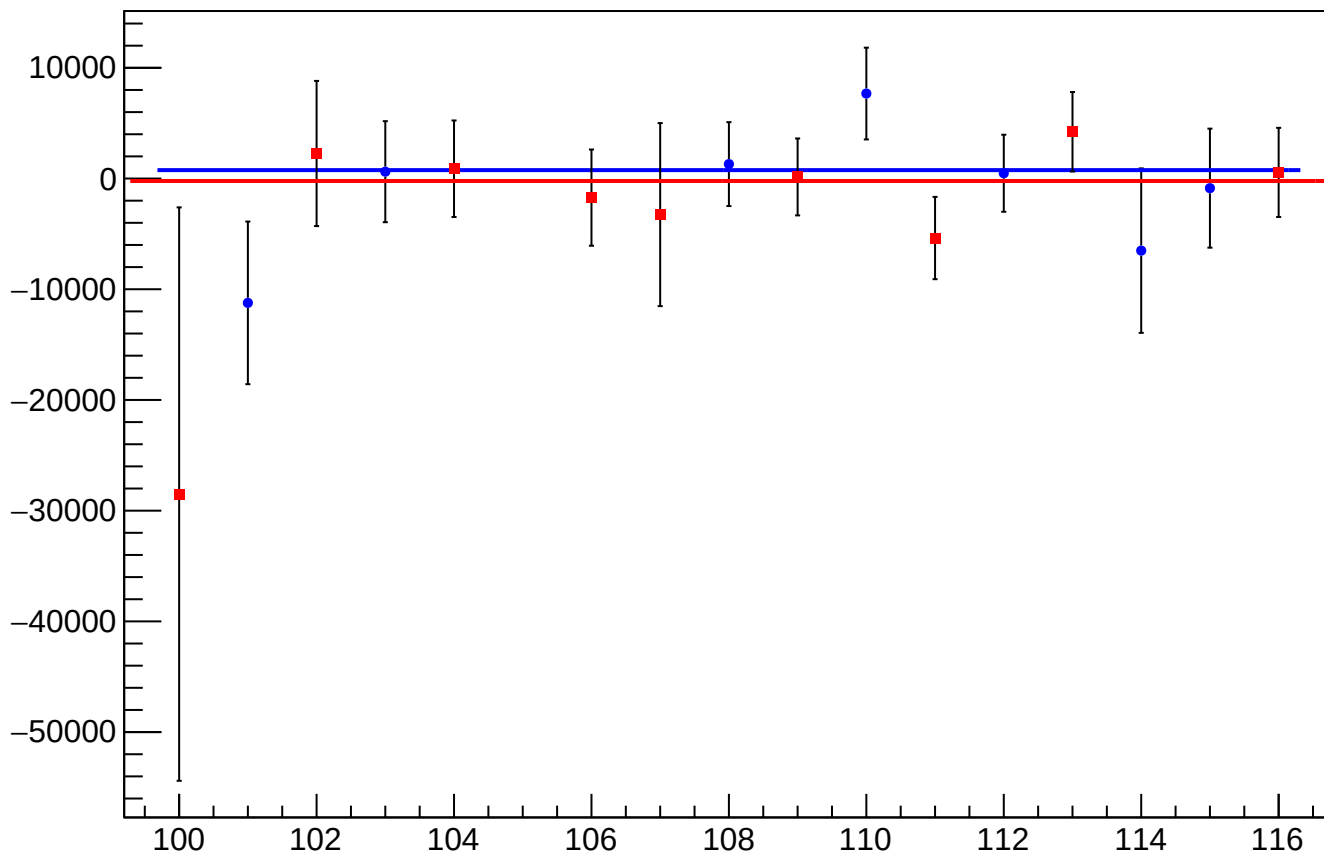
Right: 1044.653+/-0.337 χ^2/NDF : 2918873.4/15

In: 1039.866+/-0.495 χ^2/NDF : 1140891.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.653+/-0.337 χ^2/NDF : 2918873.4/15

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 759.127+/-1741.316 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -221.284+/-1508.367 χ^2/NDF : 5.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

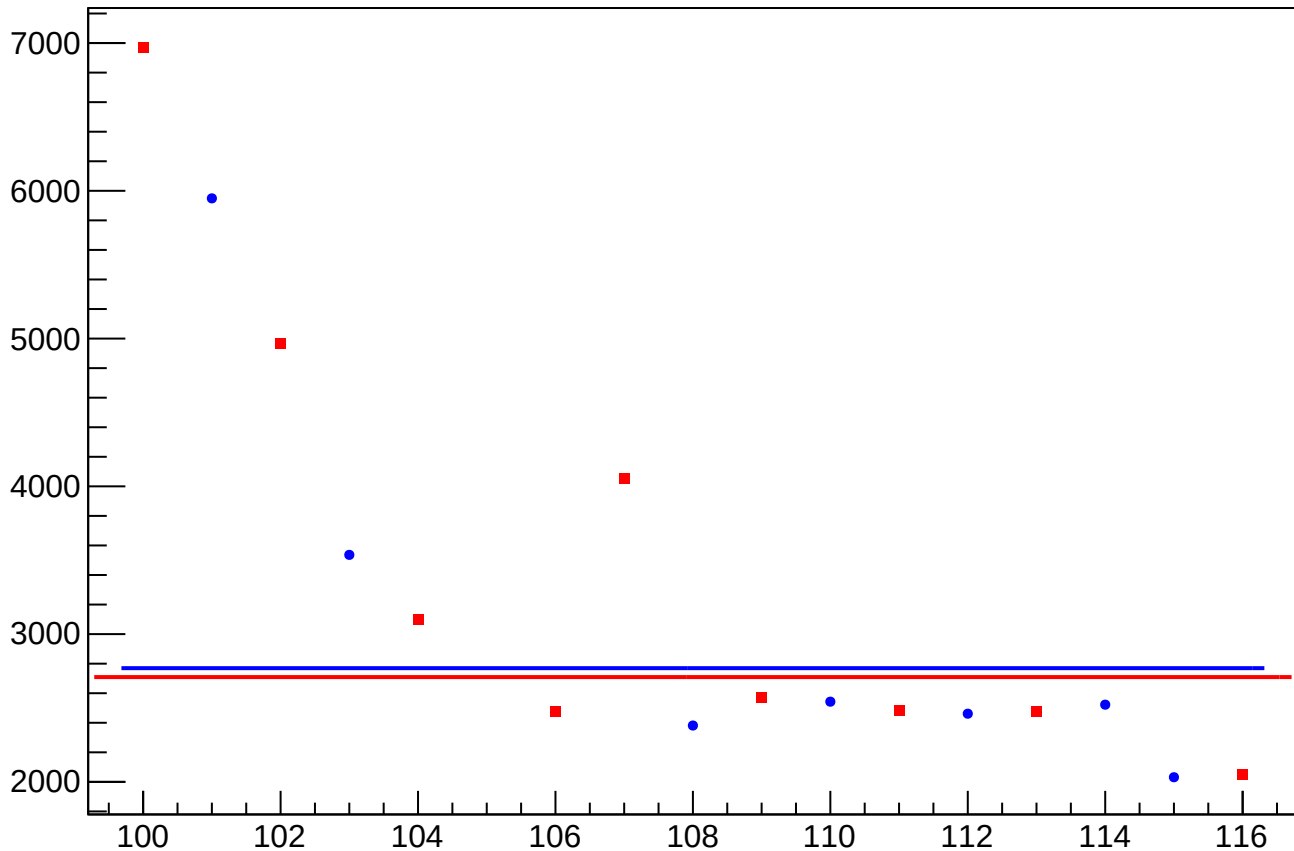
Right: 199.001+/-1140.107 χ^2/NDF : 11.9/15

In: 759.127+/-1741.316 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.001+/-1140.107 χ^2/NDF : 11.9/15

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2769.588+/-1.231 χ^2/NDF : 513776.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2709.187+/-1.067 χ^2/NDF : 439813.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

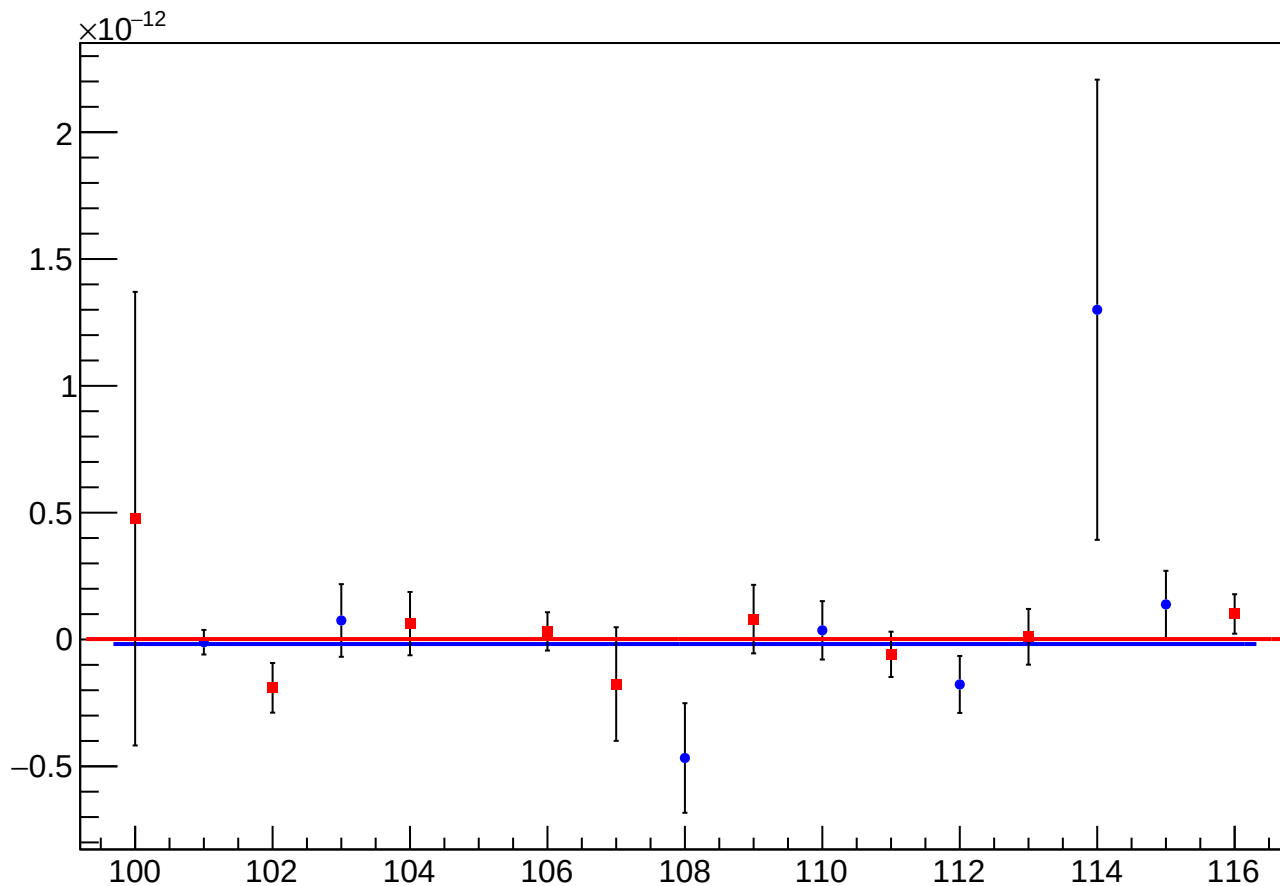
Right: 2735.080+/-0.806 χ^2/NDF : 954964.9/15

In: 2769.588+/-1.231 χ^2/NDF : 513776.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2735.080+/-0.806 χ^2/NDF : 954964.9/15

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

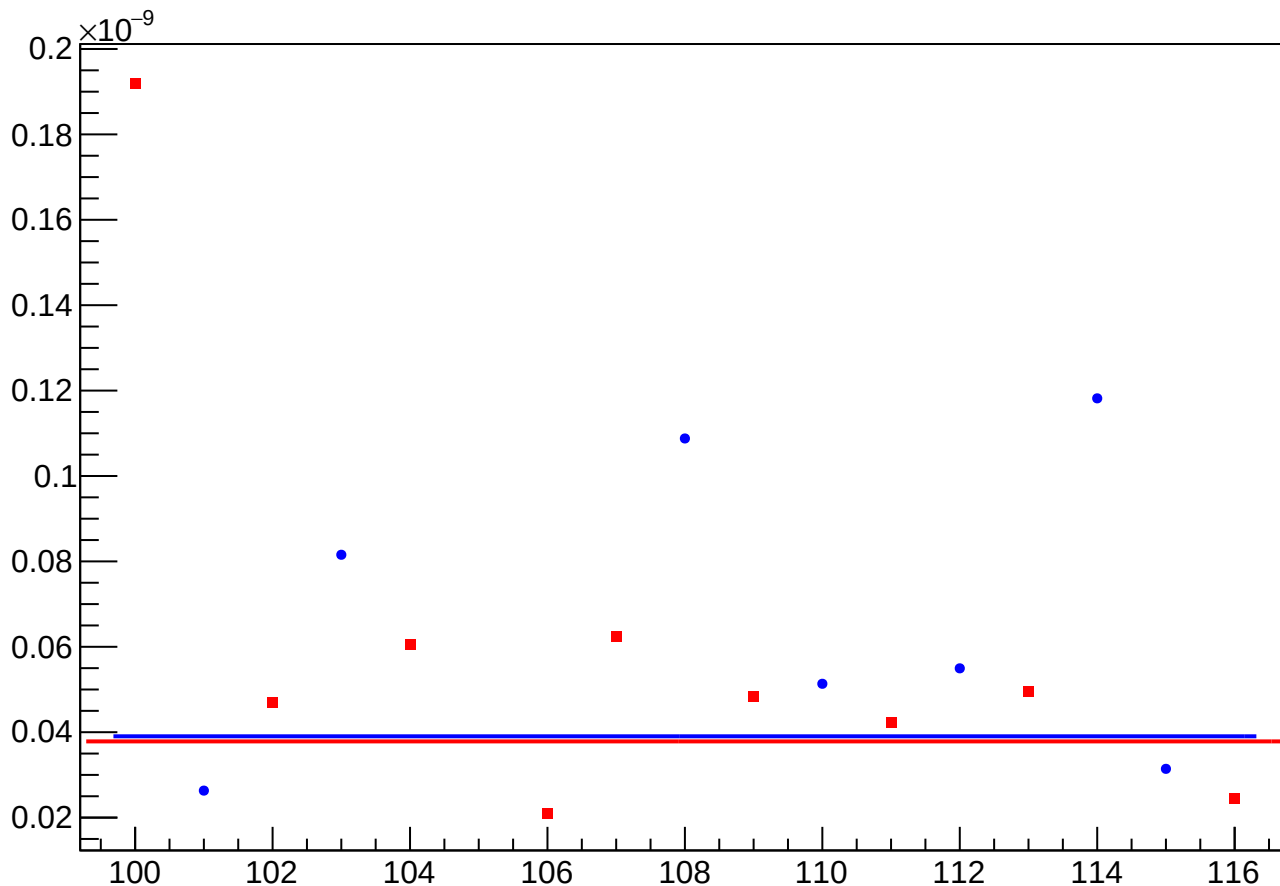
Right: -0.000+/-0.000 χ^2/NDF : 18.2/15

In: -0.000+/-0.000 χ^2/NDF : 10.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/15

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 607368.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366775.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

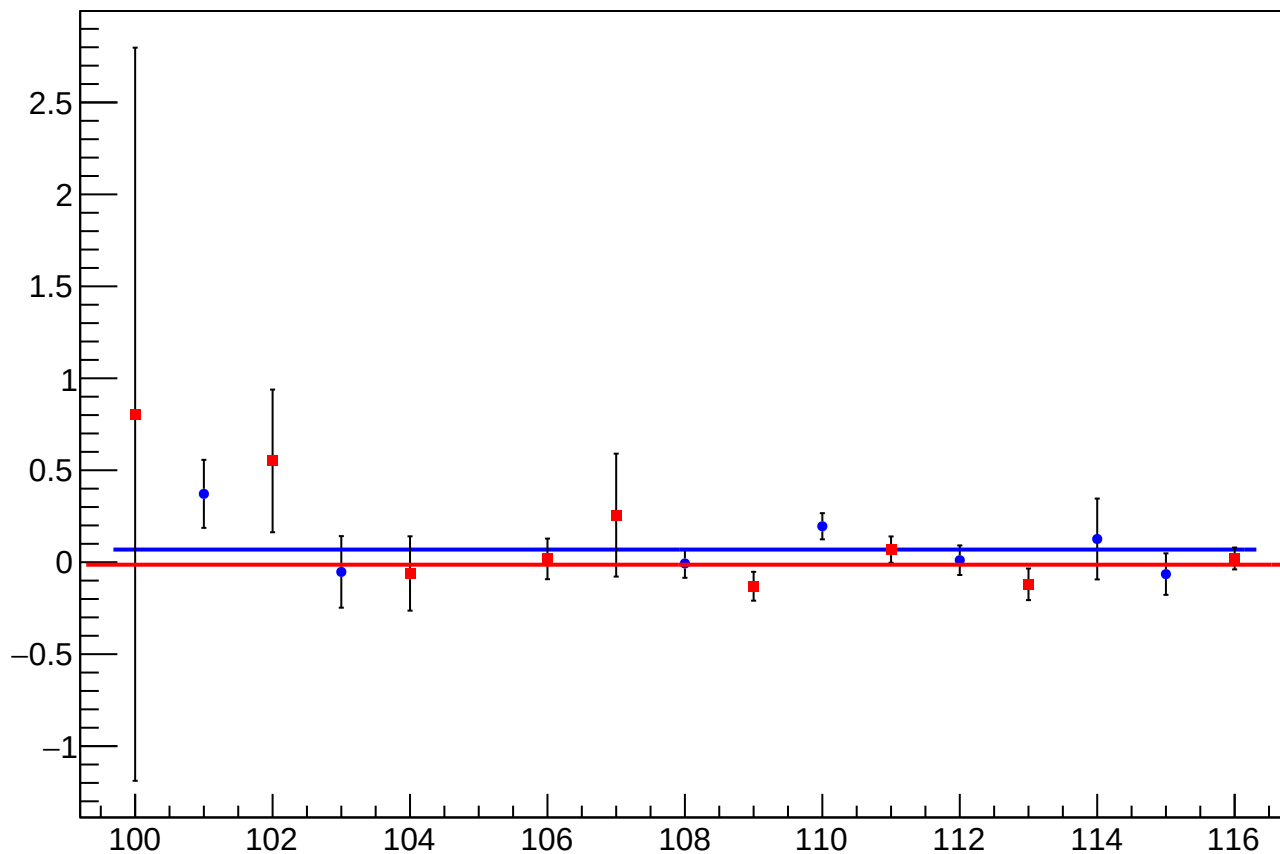
Right: 0.000+/-0.000 χ^2/NDF : 975208.6/15

In: 0.000+/-0.000 χ^2/NDF : 607368.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 975208.6/15

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069 $\pm$ 0.039 χ^2 /NDF: 9.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.033 χ^2 /NDF: 8.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

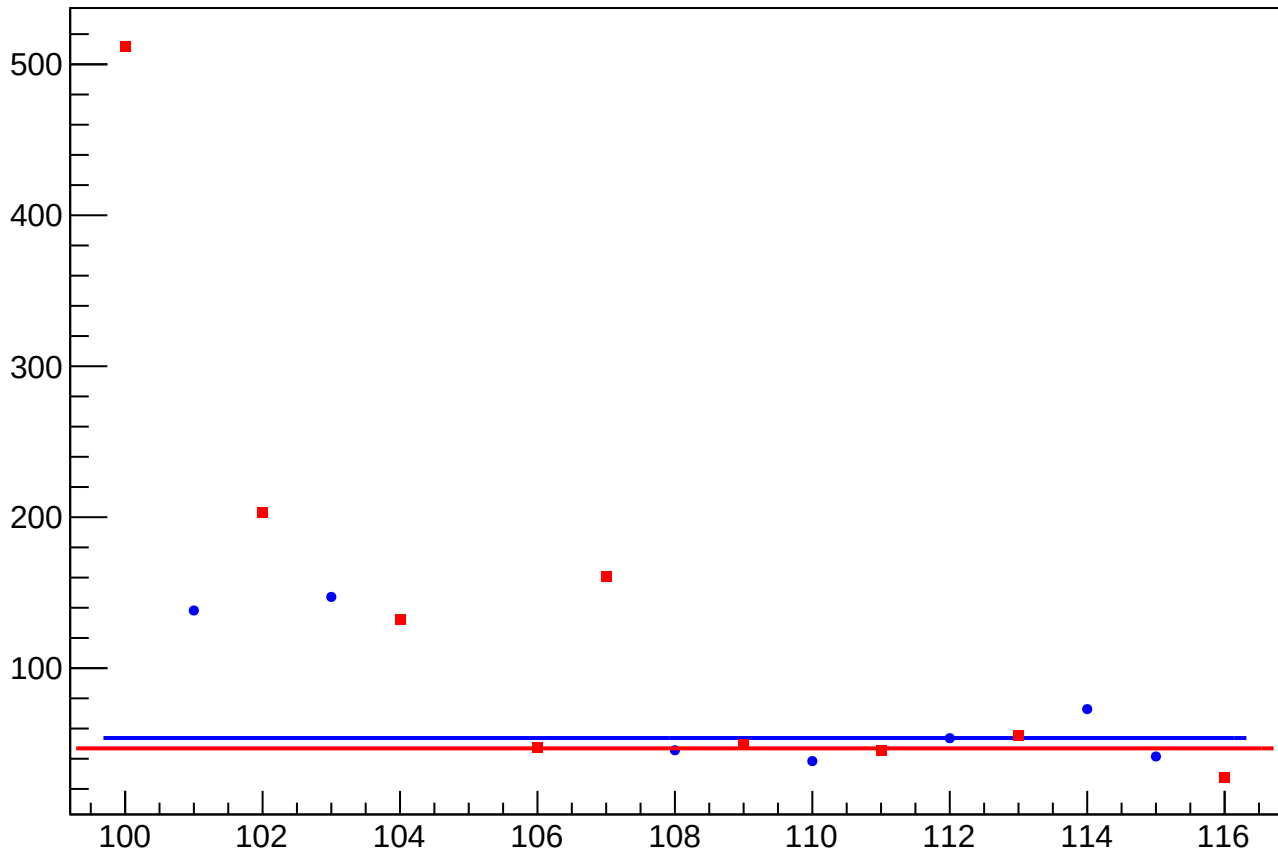
Right: 0.022 $\pm$ 0.025 χ^2 /NDF: 20.3/15

In: 0.069 $\pm$ 0.039 χ^2 /NDF:9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.025 χ^2 /NDF: 20.3/15

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.717+/-0.027 χ^2/NDF : 1031577.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.867+/-0.024 χ^2/NDF : 1257580.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

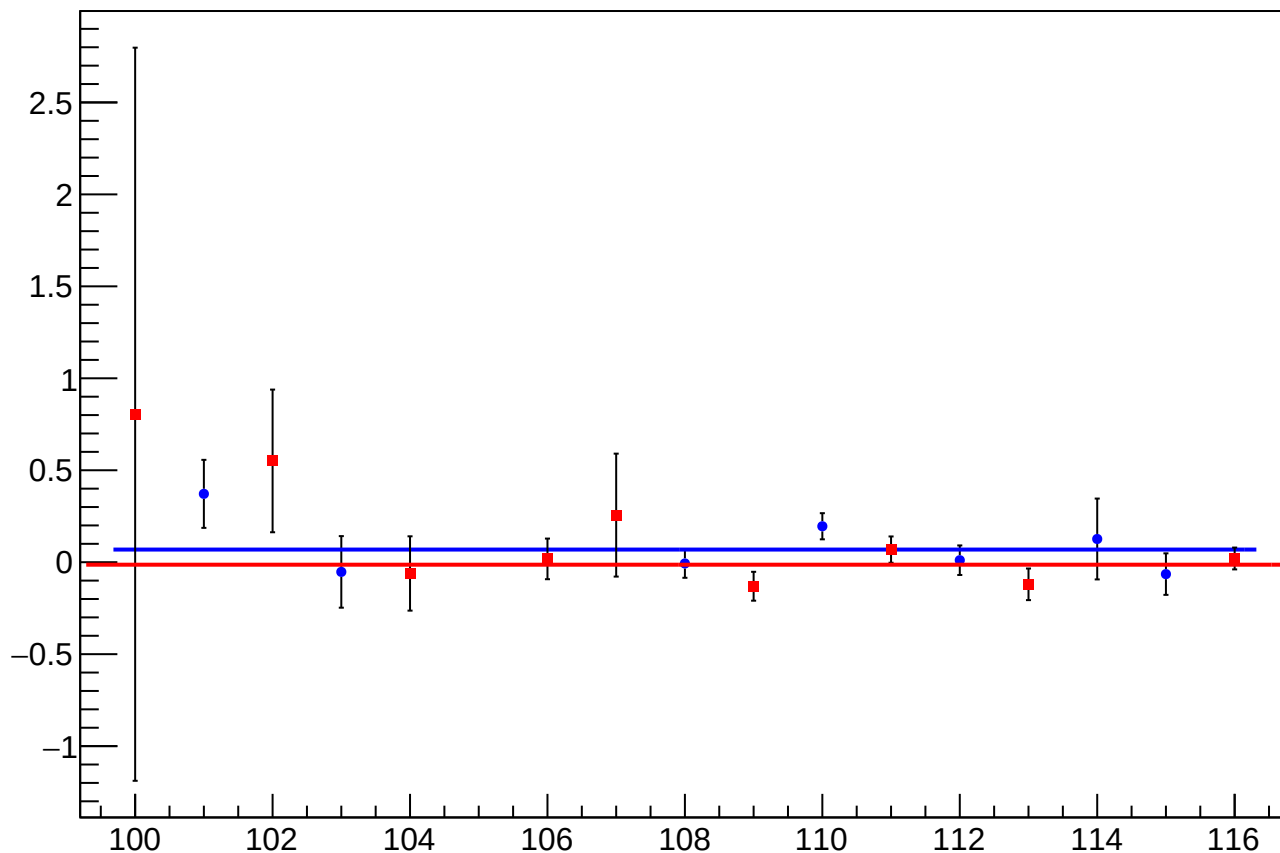
Right: 49.797+/-0.018 χ^2/NDF : 2325275.8/15

In: 53.717+/-0.027 χ^2/NDF : 1031577.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.797+/-0.018 χ^2/NDF : 2325275.8/15

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069+/-0.039 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.033 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

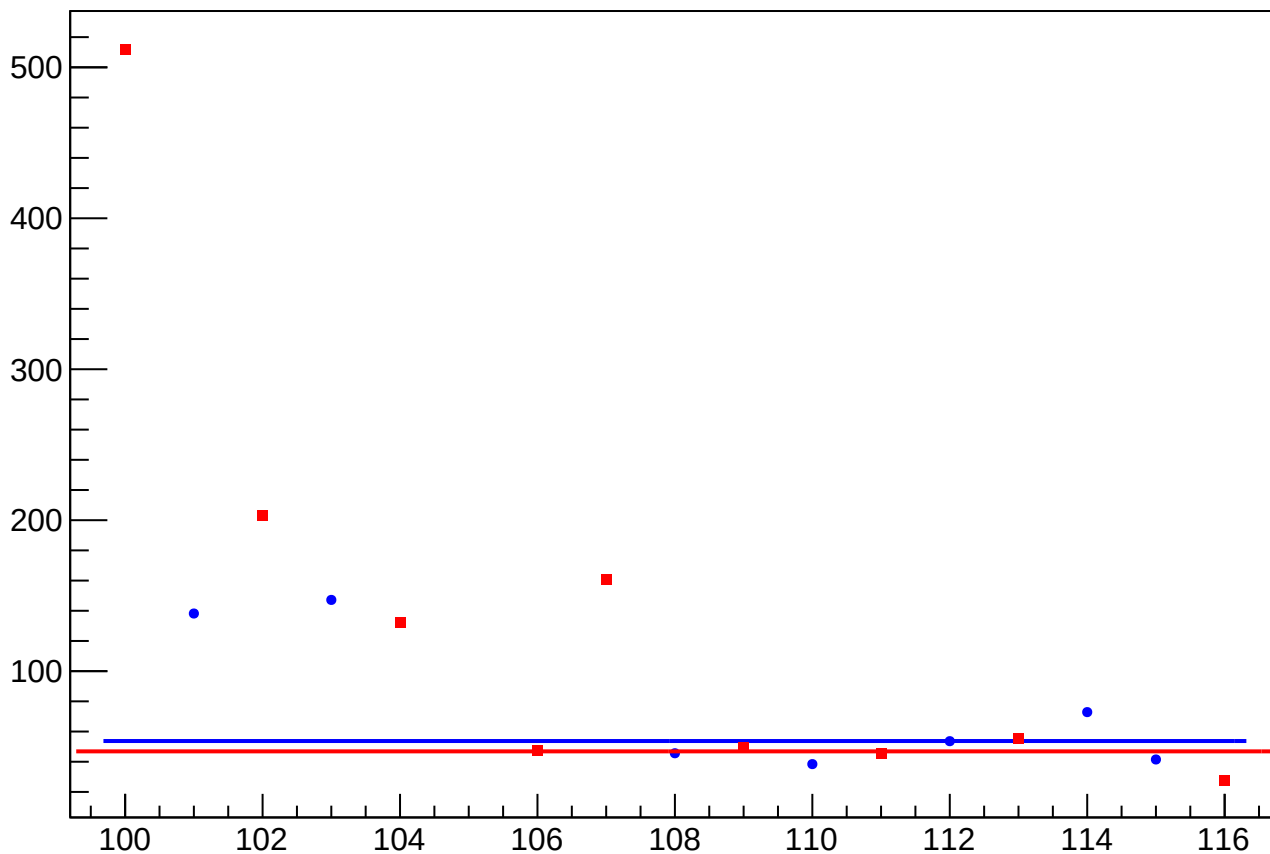
Right: 0.022+/-0.025 χ^2/NDF : 20.3/15

In: 0.069+/-0.039 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.025 χ^2/NDF : 20.3/15

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.717+/-0.027 χ^2/NDF : 1031577.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.867+/-0.024 χ^2/NDF : 1257580.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

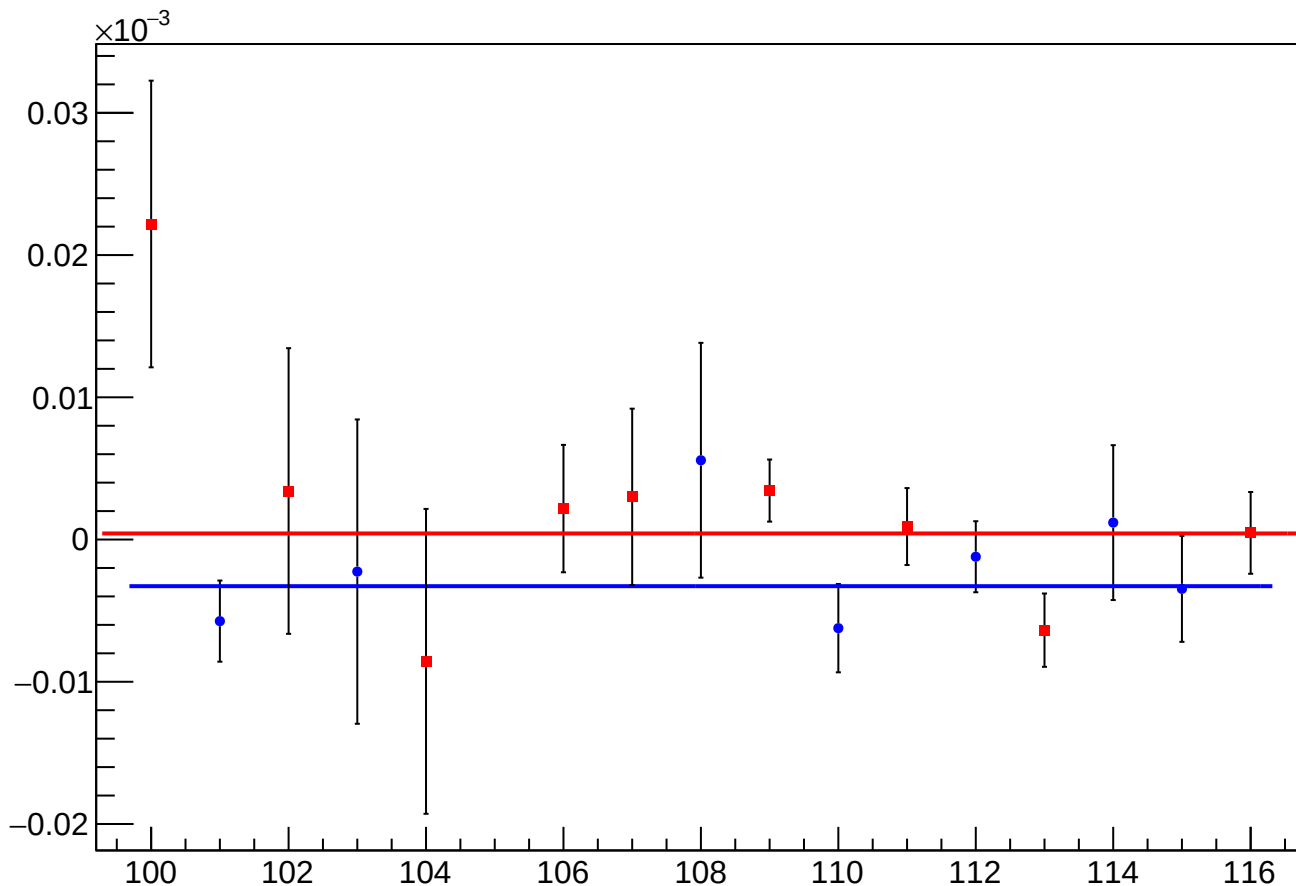
Right: 49.797+/-0.018 χ^2/NDF : 2325275.8/15

In: 53.717+/-0.027 χ^2/NDF : 1031577.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.797+/-0.018 χ^2/NDF : 2325275.8/15

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

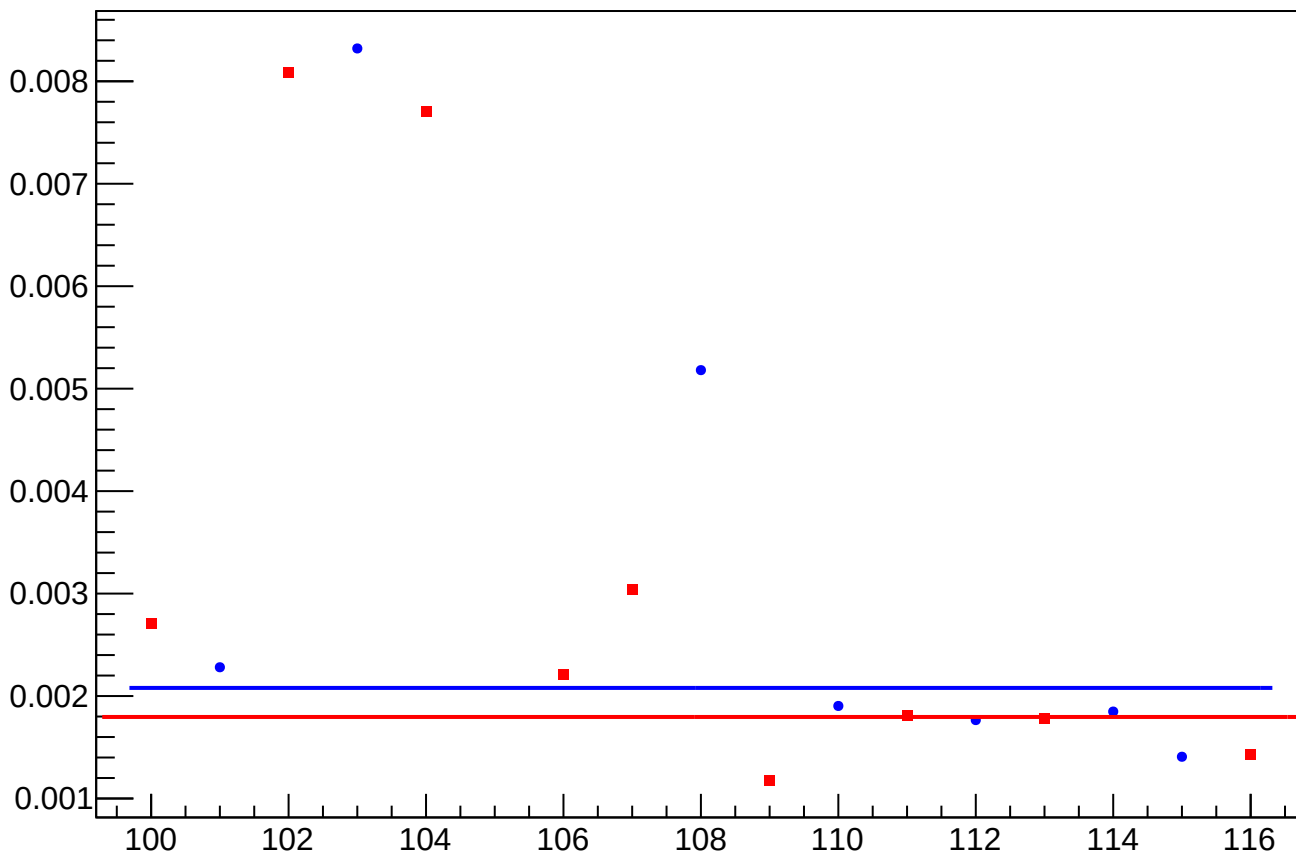
Right: -0.000+/-0.000 χ^2/NDF : 23.0/15

In: -0.000+/-0.000 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.0/15

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1079535.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1701402.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

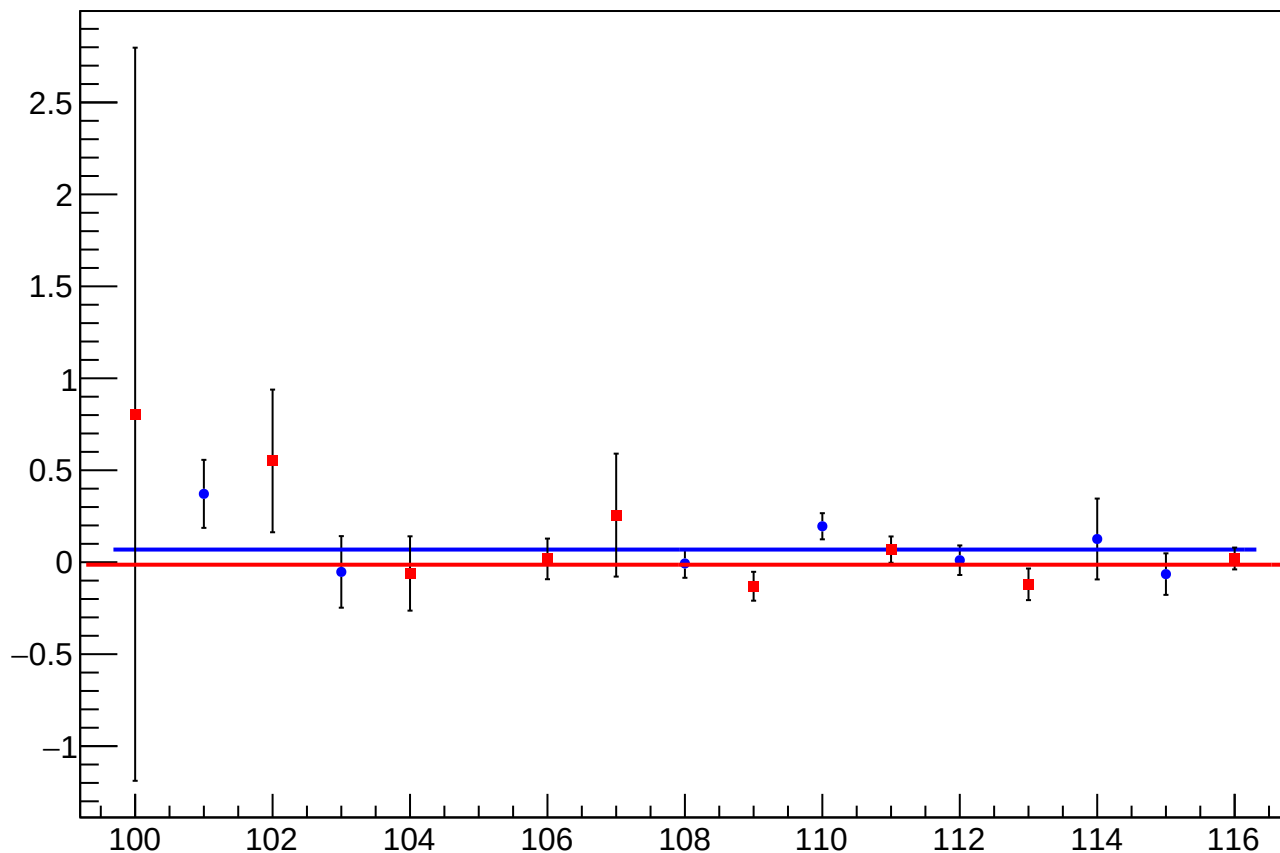
Right: 0.002+/-0.000 χ^2/NDF : 2829343.1/15

In: 0.002+/-0.000 χ^2/NDF : 1079535.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2829343.1/15

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069 $\pm$ 0.039 χ^2 /NDF: 9.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.033 χ^2 /NDF: 8.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

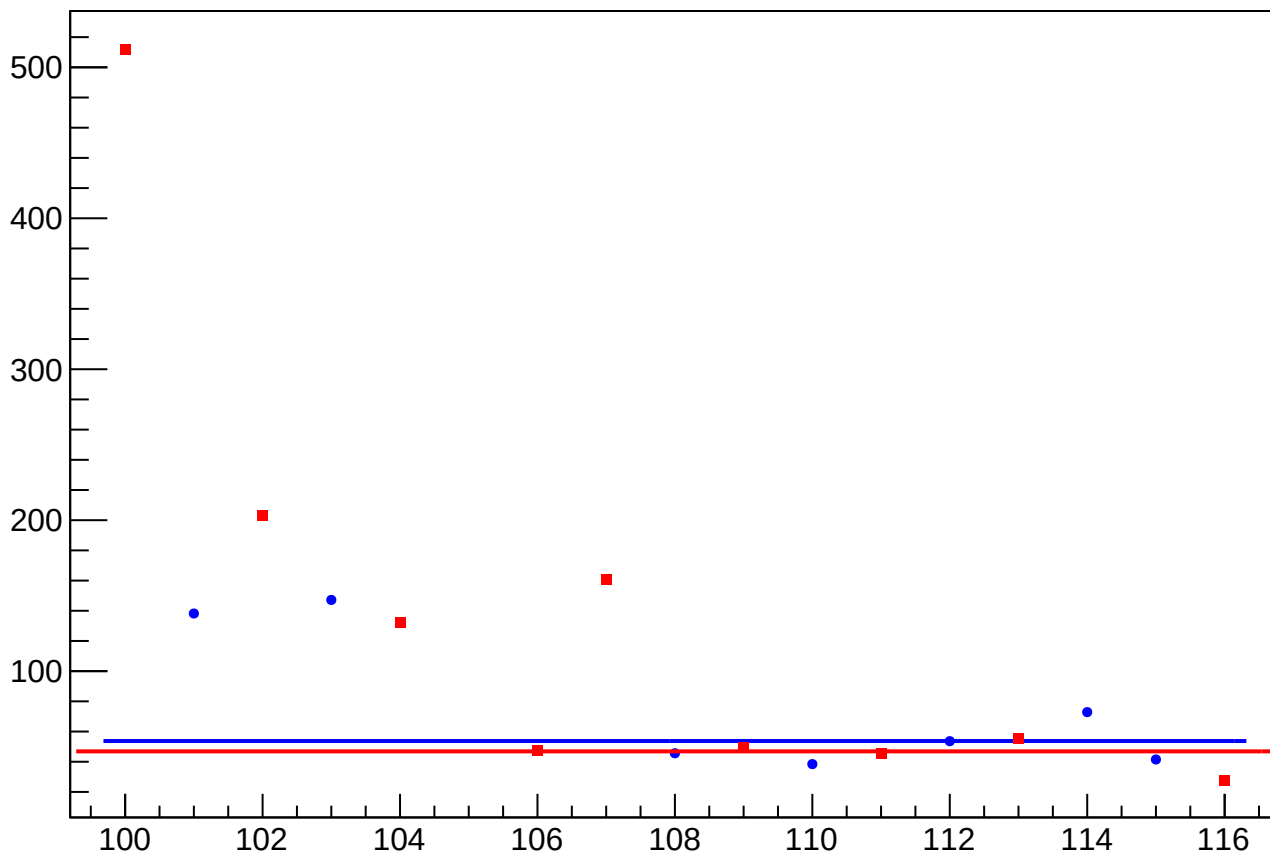
Right: 0.022 $\pm$ 0.025 χ^2 /NDF: 20.3/15

In: 0.069 $\pm$ 0.039 χ^2 /NDF:9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.025 χ^2 /NDF: 20.3/15

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.718+/-0.027 χ^2/NDF : 1031548.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.867+/-0.024 χ^2/NDF : 1257546.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

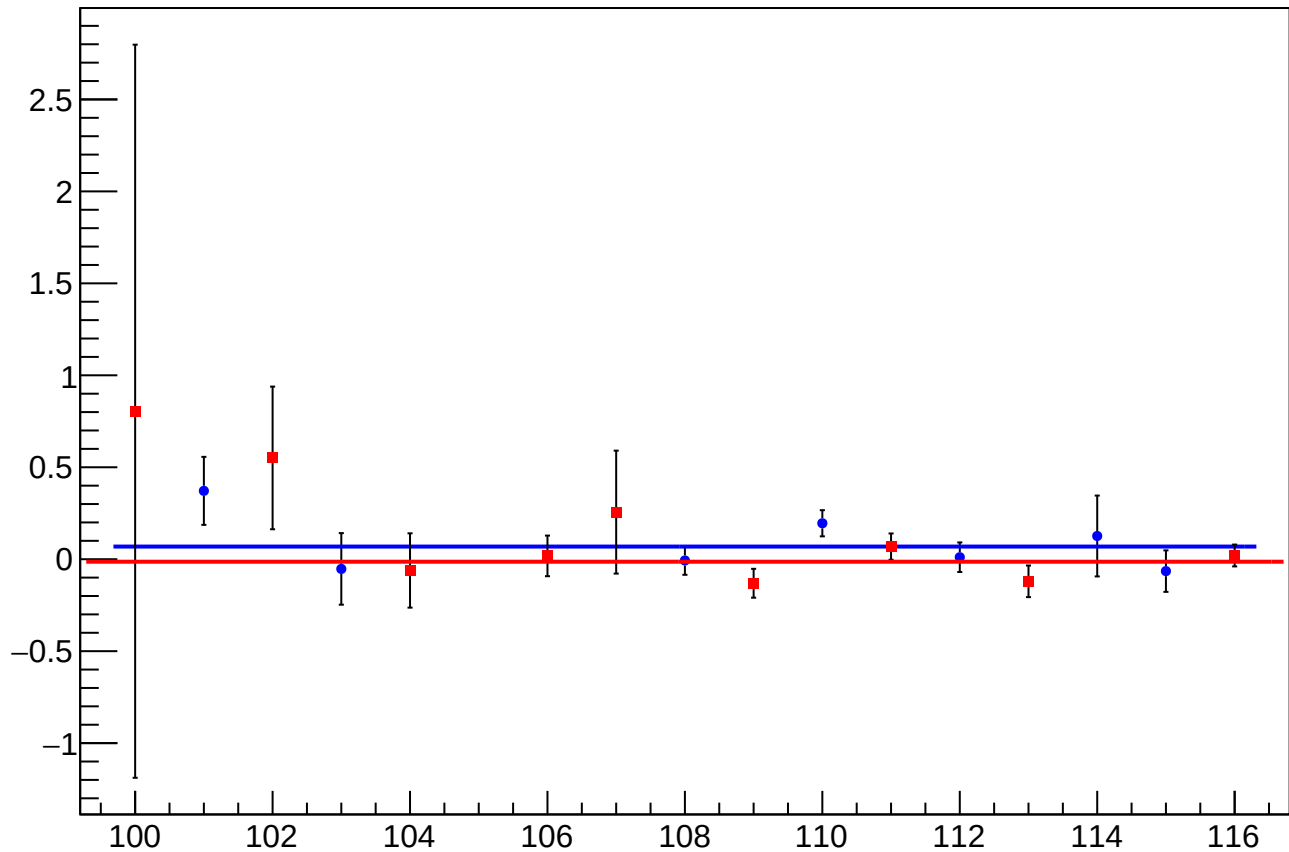
Right: 49.797+/-0.018 χ^2/NDF : 2325214.6/15

In: 53.718+/-0.027 χ^2/NDF : 1031548.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.797+/-0.018 χ^2/NDF : 2325214.6/15

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069+/-0.039 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.033 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

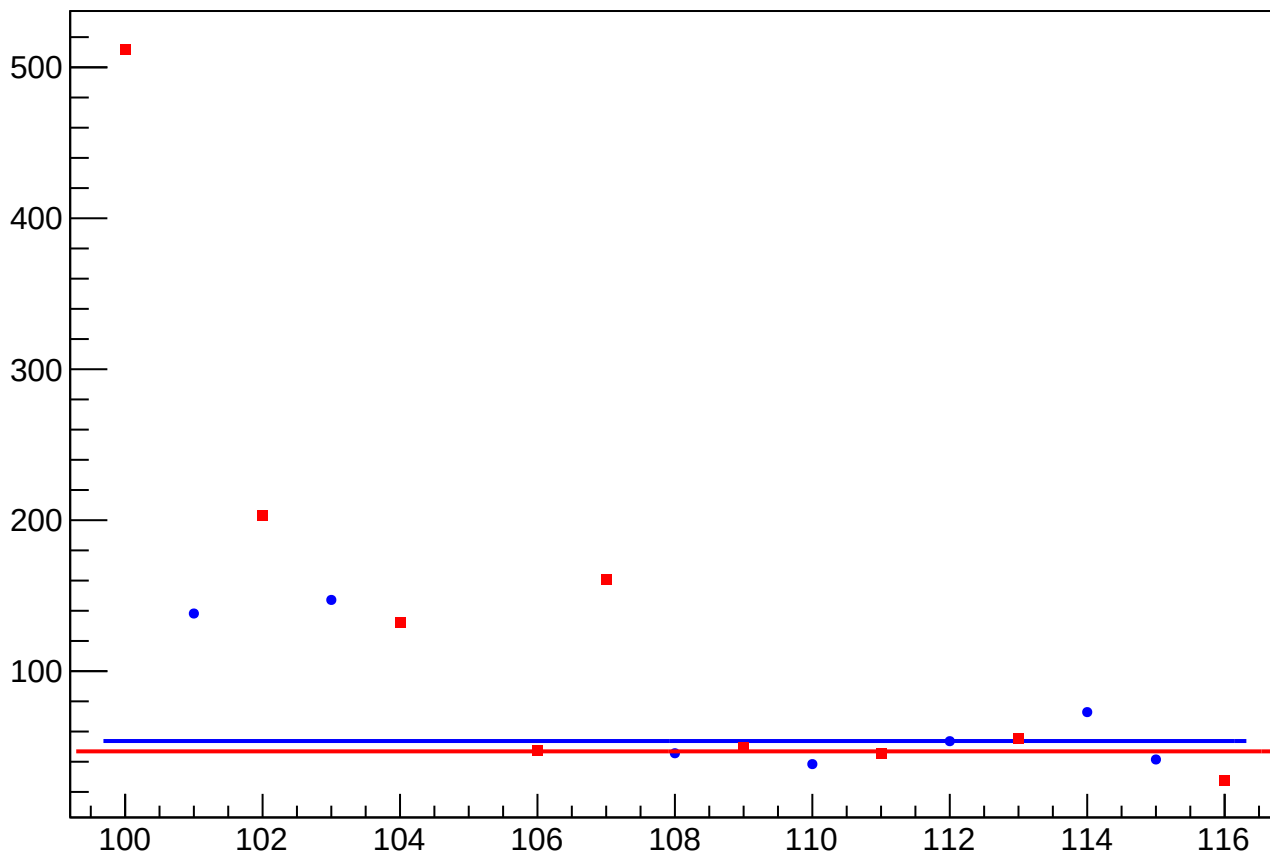
Right: 0.022+/-0.025 χ^2/NDF : 20.3/15

In: 0.069+/-0.039 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.025 χ^2/NDF : 20.3/15

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.718+/-0.027 χ^2/NDF : 1031548.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.867+/-0.024 χ^2/NDF : 1257546.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

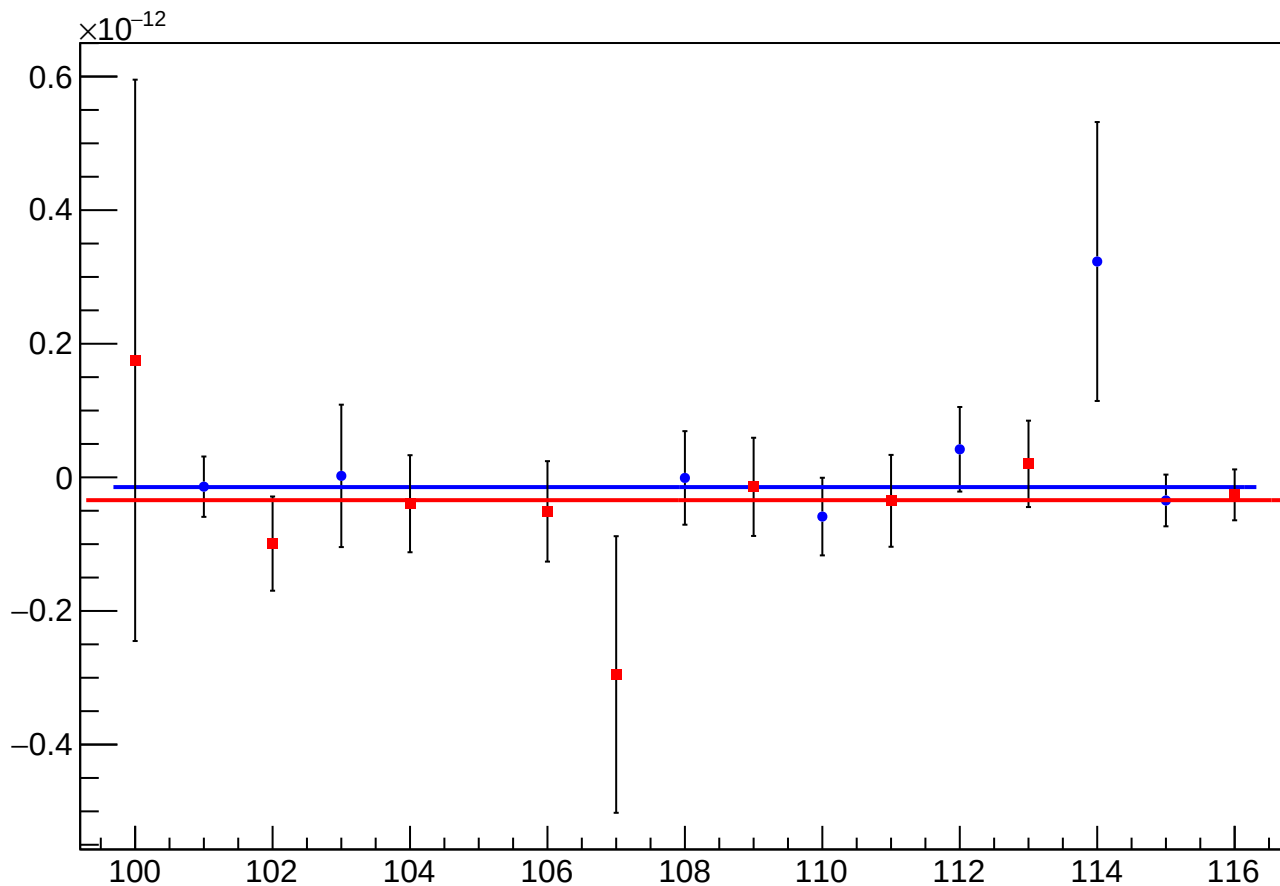
Right: 49.797+/-0.018 χ^2/NDF : 2325214.6/15

In: 53.718+/-0.027 χ^2/NDF : 1031548.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.797+/-0.018 χ^2/NDF : 2325214.6/15

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

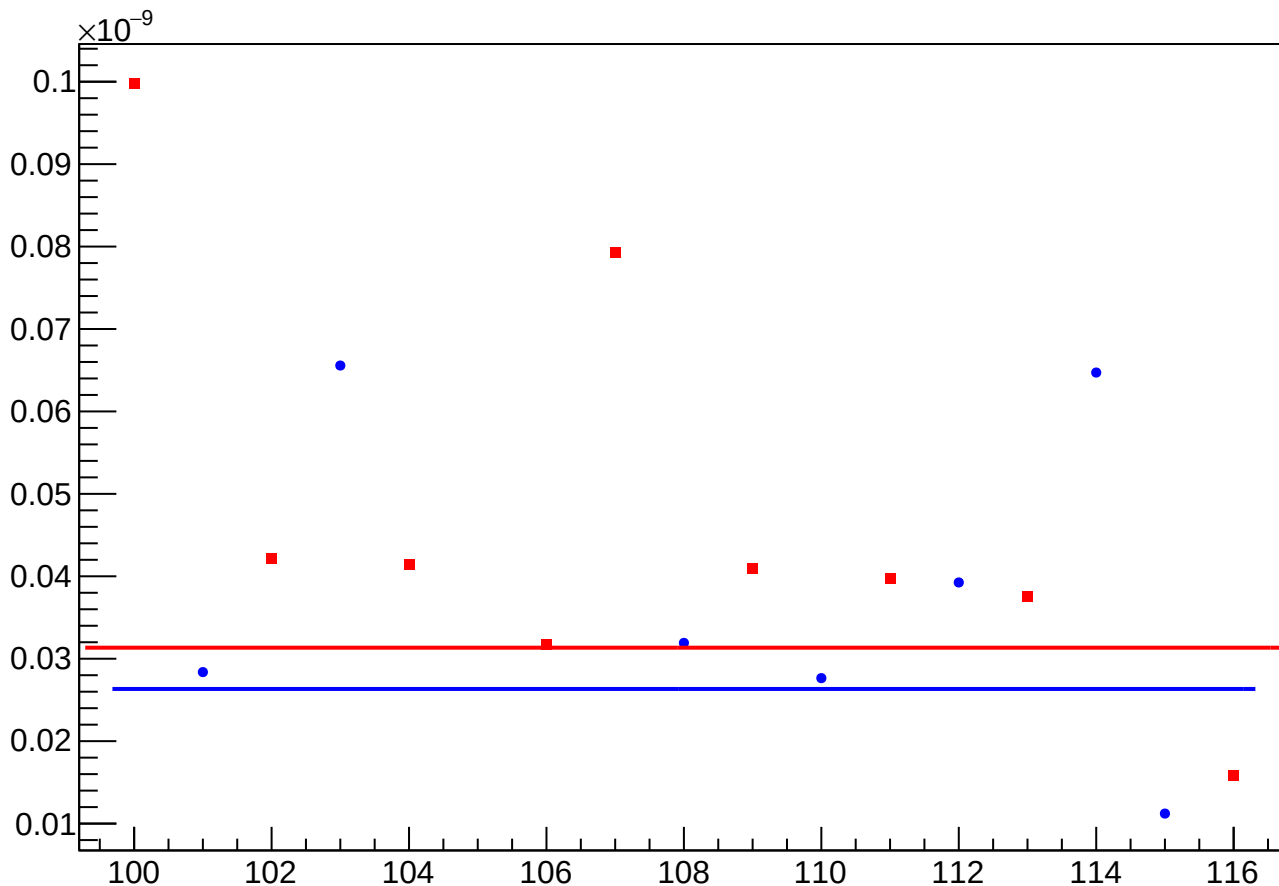
Right: -0.000+/-0.000 χ^2/NDF : 8.3/15

In: -0.000+/-0.000 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.3/15

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 744696.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 662507.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

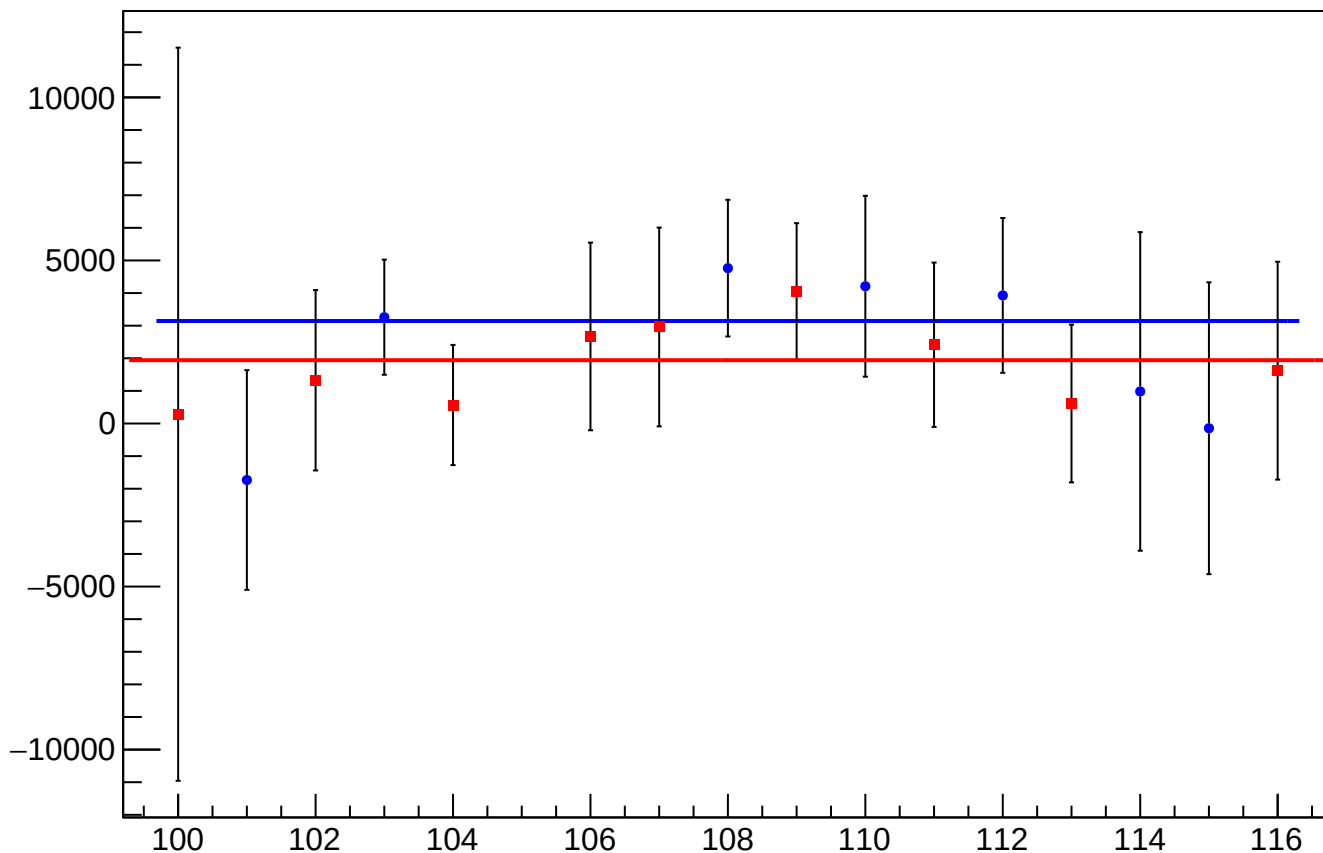
Right: 0.000+/-0.000 χ^2/NDF : 1456536.2/15

In: 0.000+/-0.000 χ^2/NDF : 744696.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1456536.2/15

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3143.552 $\pm$ 982.365 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1941.365 $\pm$ 874.367 χ^2 /NDF: 2.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

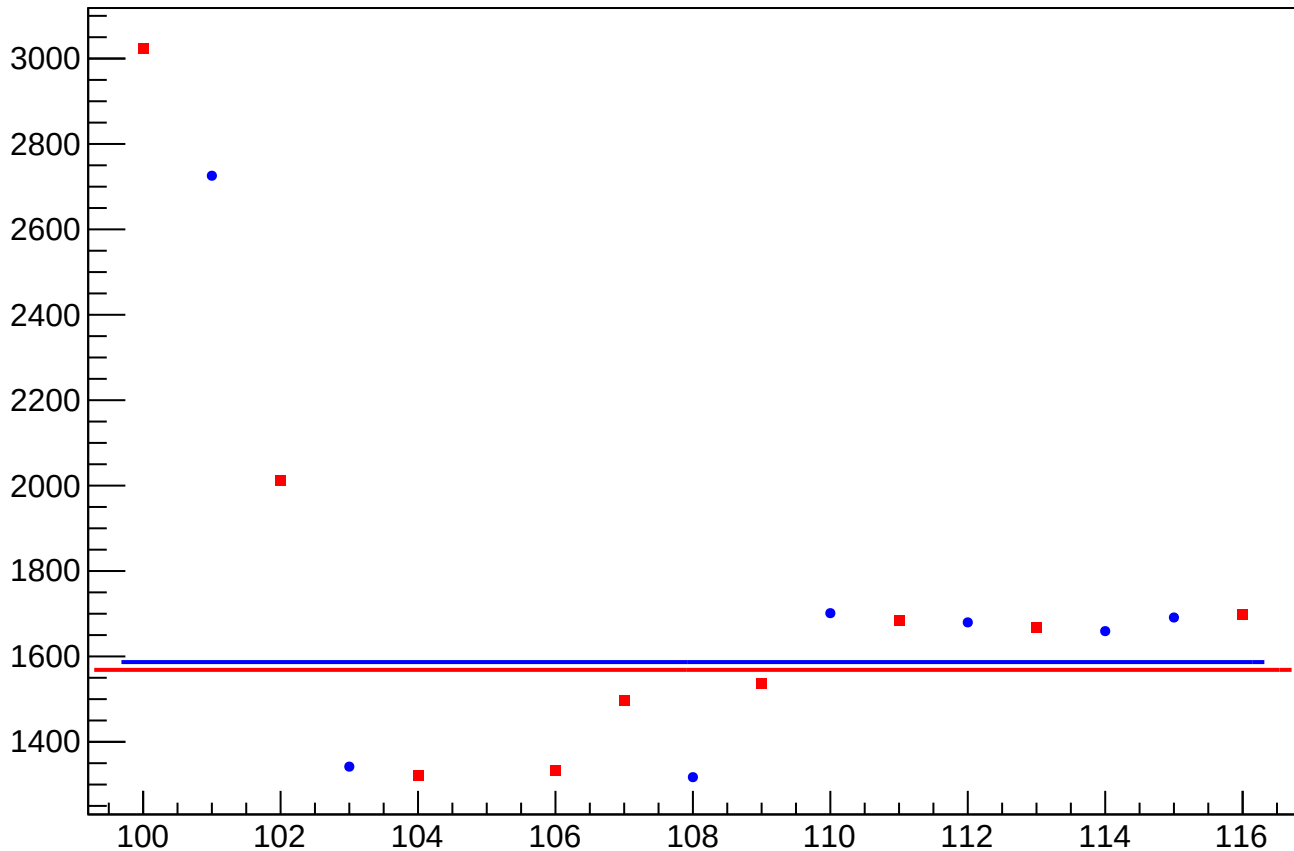
Right: 2472.769 $\pm$ 653.129 χ^2 /NDF: 6.7/15

In: 3143.552 $\pm$ 982.365 χ^2 /NDF: 3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2472.769 $\pm$ 653.129 χ^2 /NDF: 6.7/15

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1586.778 $\pm$ 0.695 χ^2 /NDF: 308108.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1568.541 $\pm$ 0.618 χ^2 /NDF: 147047.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

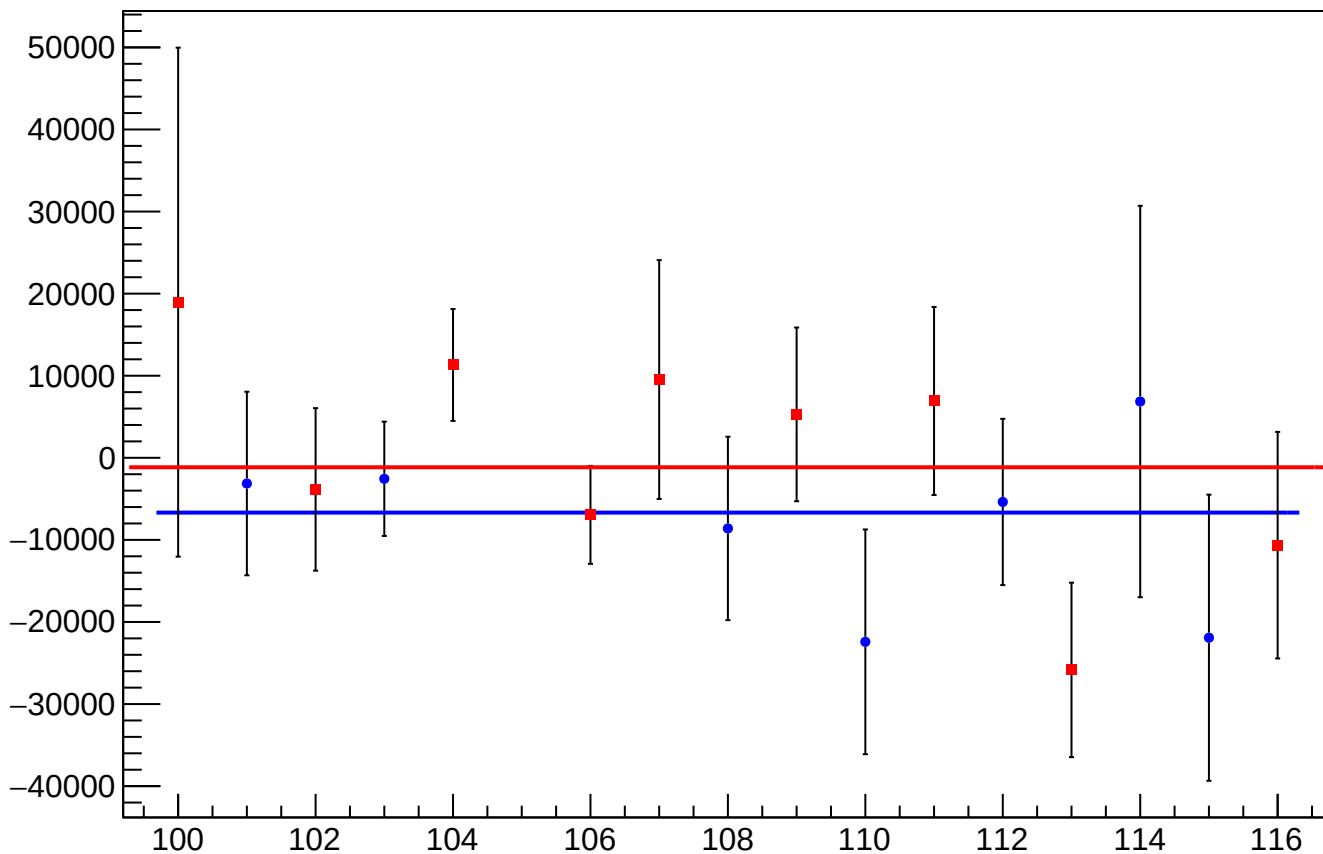
Right: 1576.602 $\pm$ 0.462 χ^2 /NDF: 455540.2/15

In: 1586.778 $\pm$ 0.695 χ^2 /NDF: 308108.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1576.602 $\pm$ 0.462 χ^2 /NDF: 455540.2/15

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -6675.378+/-4196.824 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1153.640+/-3223.276 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

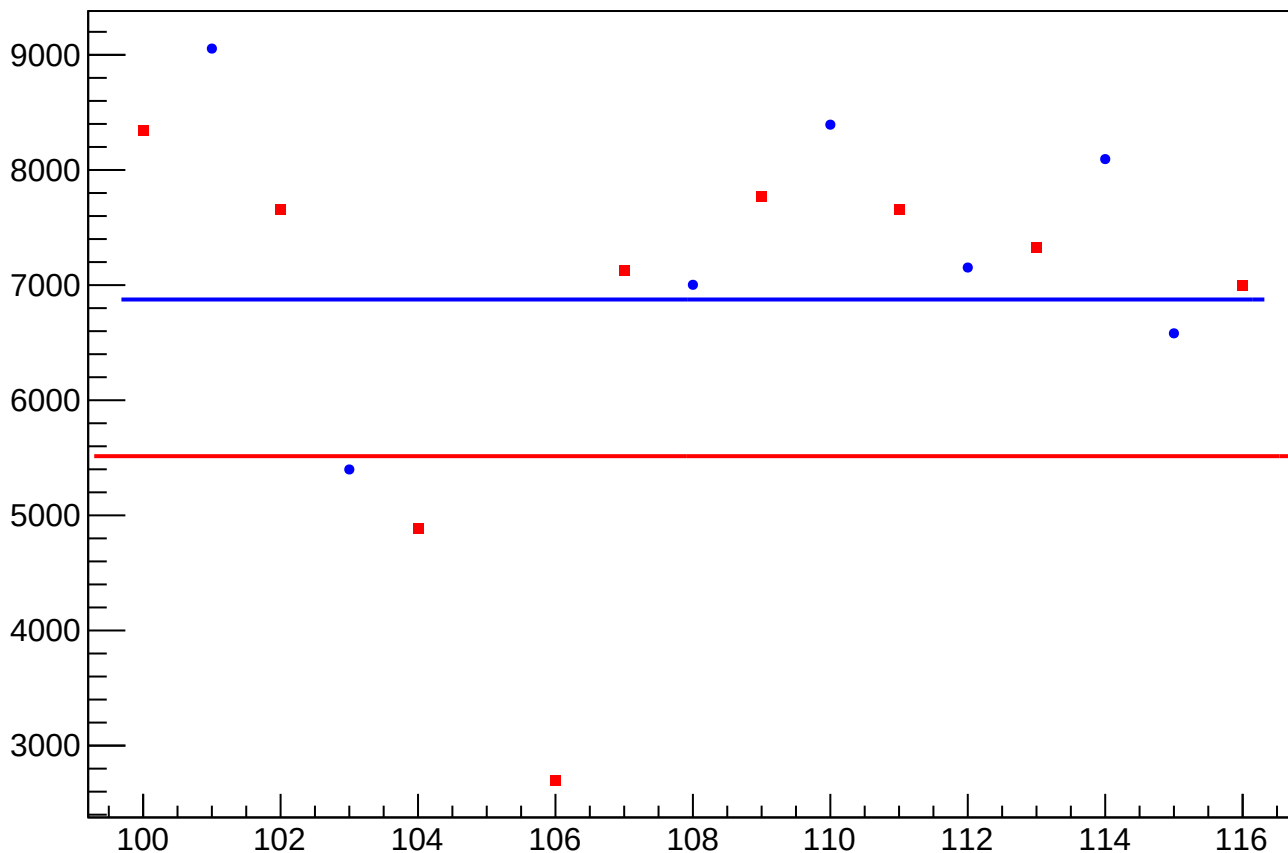
Right: -3202.294+/-2556.332 χ^2/NDF : 16.1/15

In: -6675.378+/-4196.824 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3202.294+/-2556.332 χ^2/NDF : 16.1/15

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6874.982 $\pm$ 2.968 χ^2 /NDF: 198069.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5514.201 $\pm$ 2.279 χ^2 /NDF: 839141.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

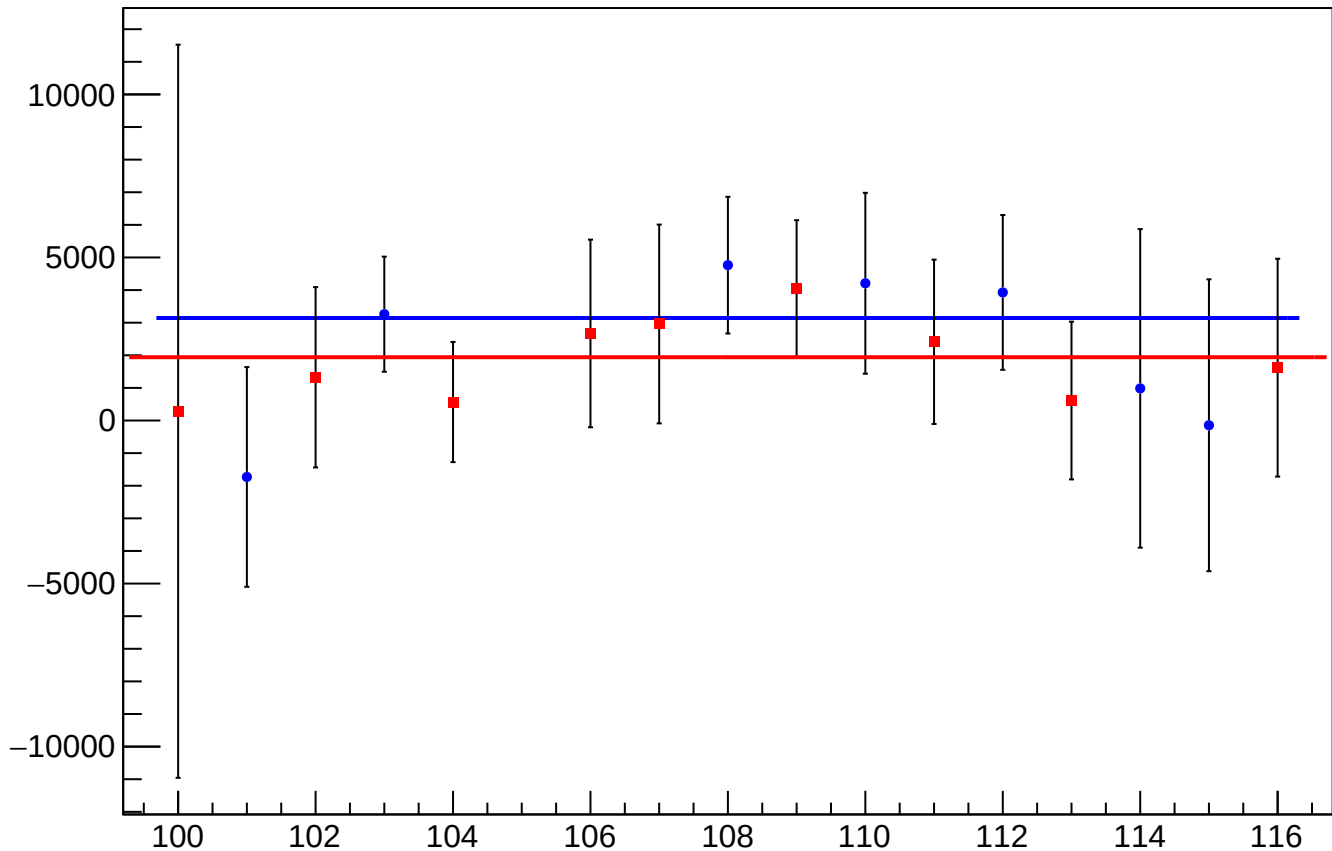
Right: 6019.073 $\pm$ 1.808 χ^2 /NDF: 1169463.7/15

In: 6874.982 $\pm$ 2.968 χ^2 /NDF: 198069.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6019.073 $\pm$ 1.808 χ^2 /NDF: 1169463.7/15

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3143.732+/-982.365 χ^2 /NDF: 3.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1941.057+/-874.367 χ^2 /NDF: 2.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

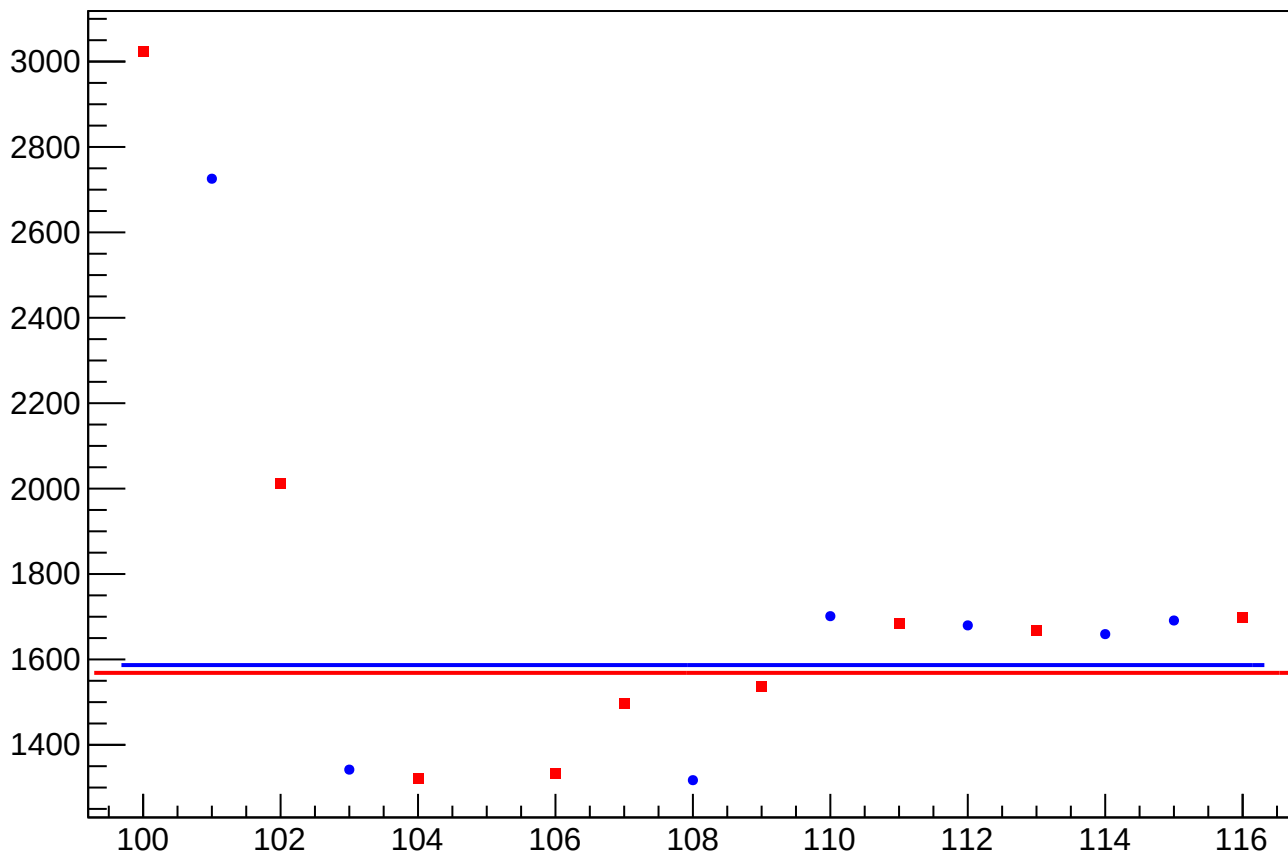
Right: 2472.676+/-653.129 χ^2 /NDF: 6.7/15

In: 3143.732+/-982.365 χ^2 /NDF:3.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2472.676+/-653.129 χ^2 /NDF: 6.7/15

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1586.777+/-0.695 χ^2/NDF : 308108.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.541+/-0.618 χ^2/NDF : 147047.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

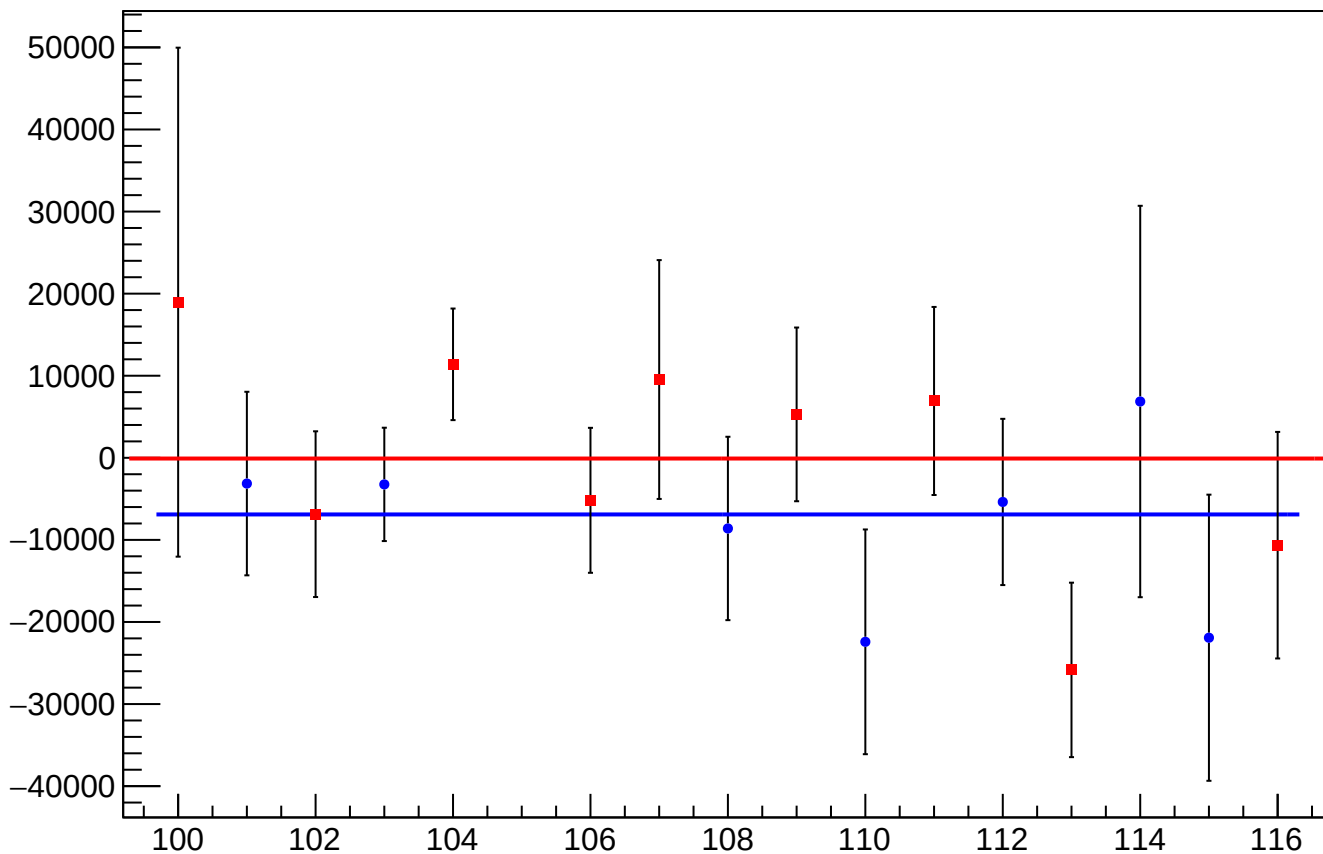
Right: 1576.602+/-0.462 χ^2/NDF : 455540.2/15

In: 1586.777+/-0.695 χ^2/NDF : 308108.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.602+/-0.462 χ^2/NDF : 455540.2/15

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -6899.411+/-4183.748 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.809+/-3520.106 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

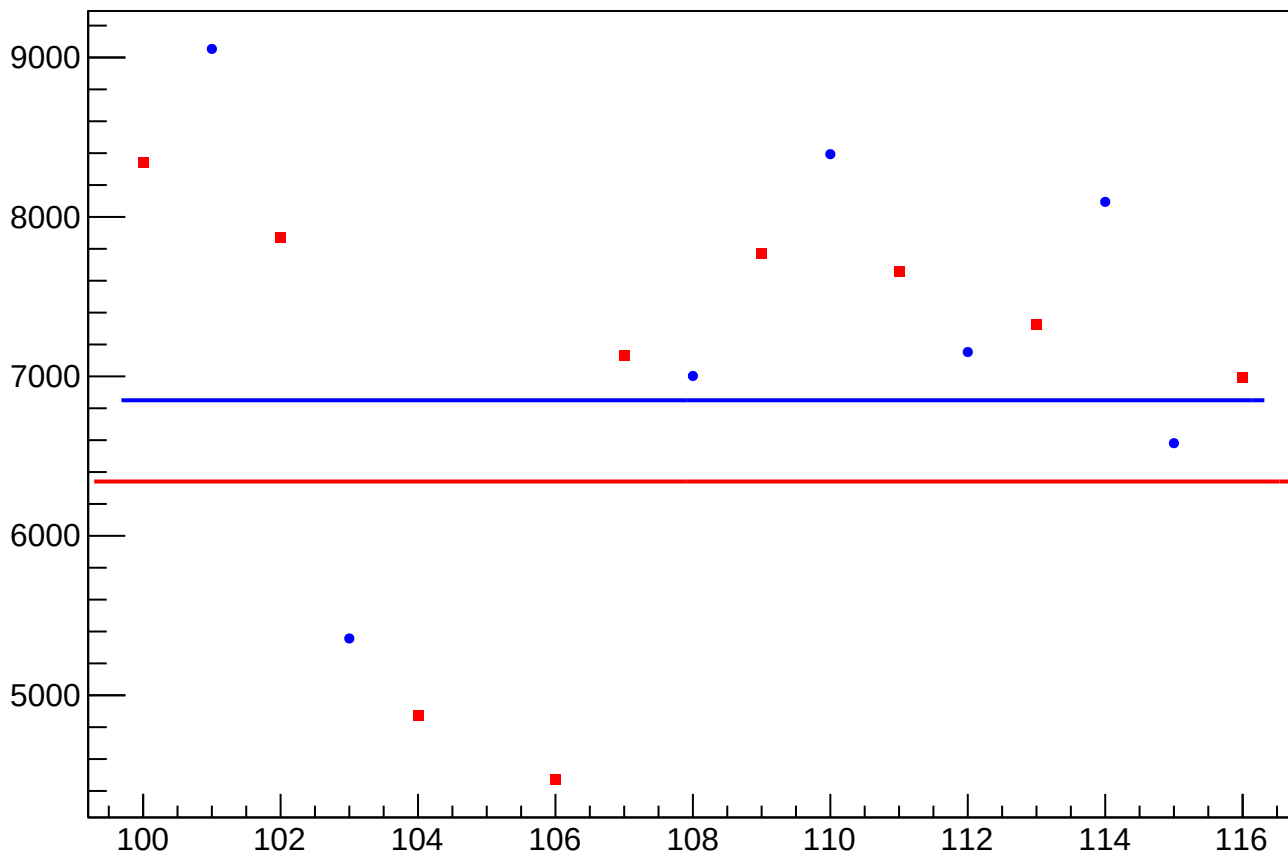
Right: -2911.153+/-2693.536 χ^2/NDF : 15.9/15

In: -6899.411+/-4183.748 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2911.153+/-2693.536 χ^2/NDF : 15.9/15

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6850.222+/-2.958 χ^2/NDF : 204816.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6340.788+/-2.489 χ^2/NDF : 327916.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

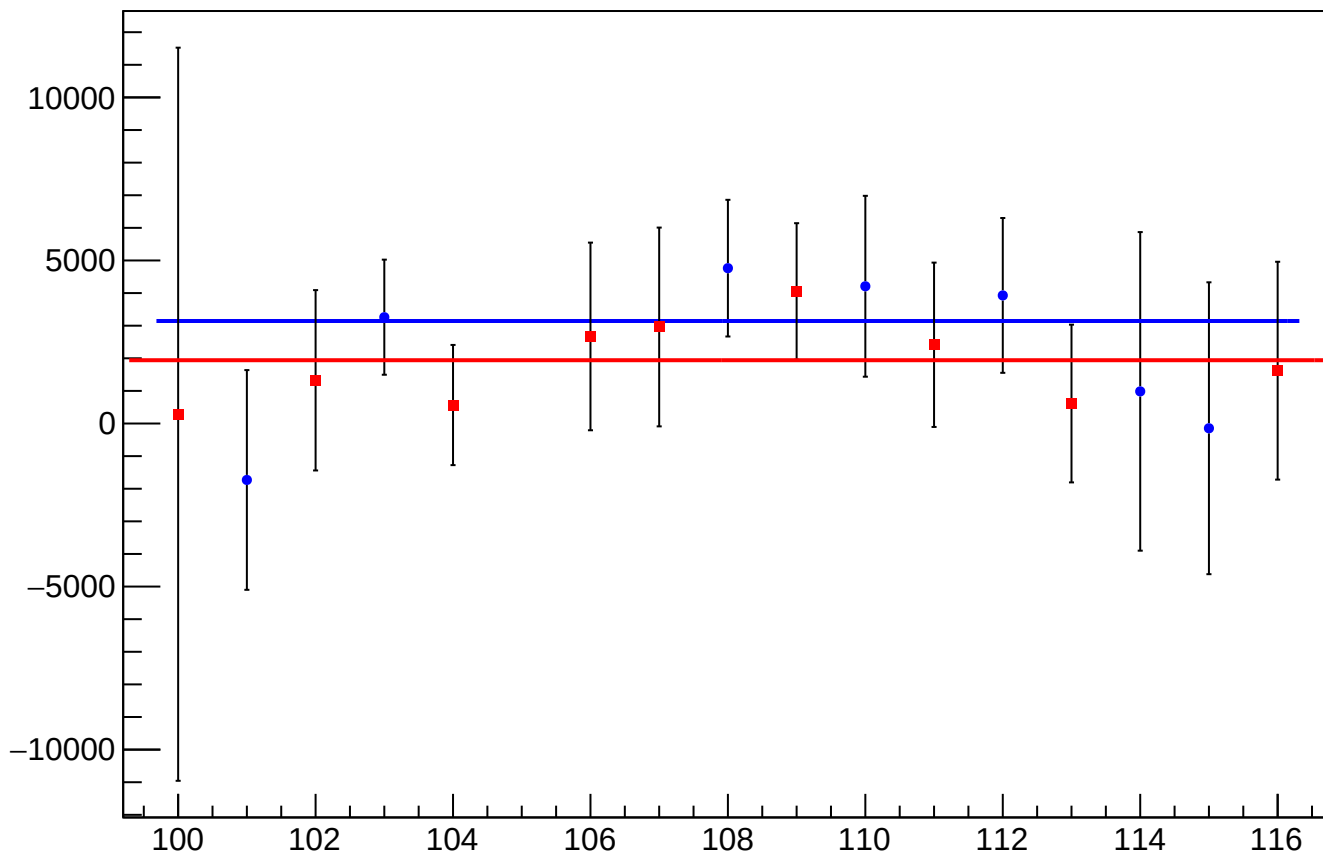
Right: 6551.943+/-1.905 χ^2/NDF : 550094.8/15

In: 6850.222+/-2.958 χ^2/NDF :204816.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6551.943+/-1.905 χ^2/NDF : 550094.8/15

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3143.732 $\pm$ 982.365 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1941.057 $\pm$ 874.367 χ^2 /NDF: 2.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

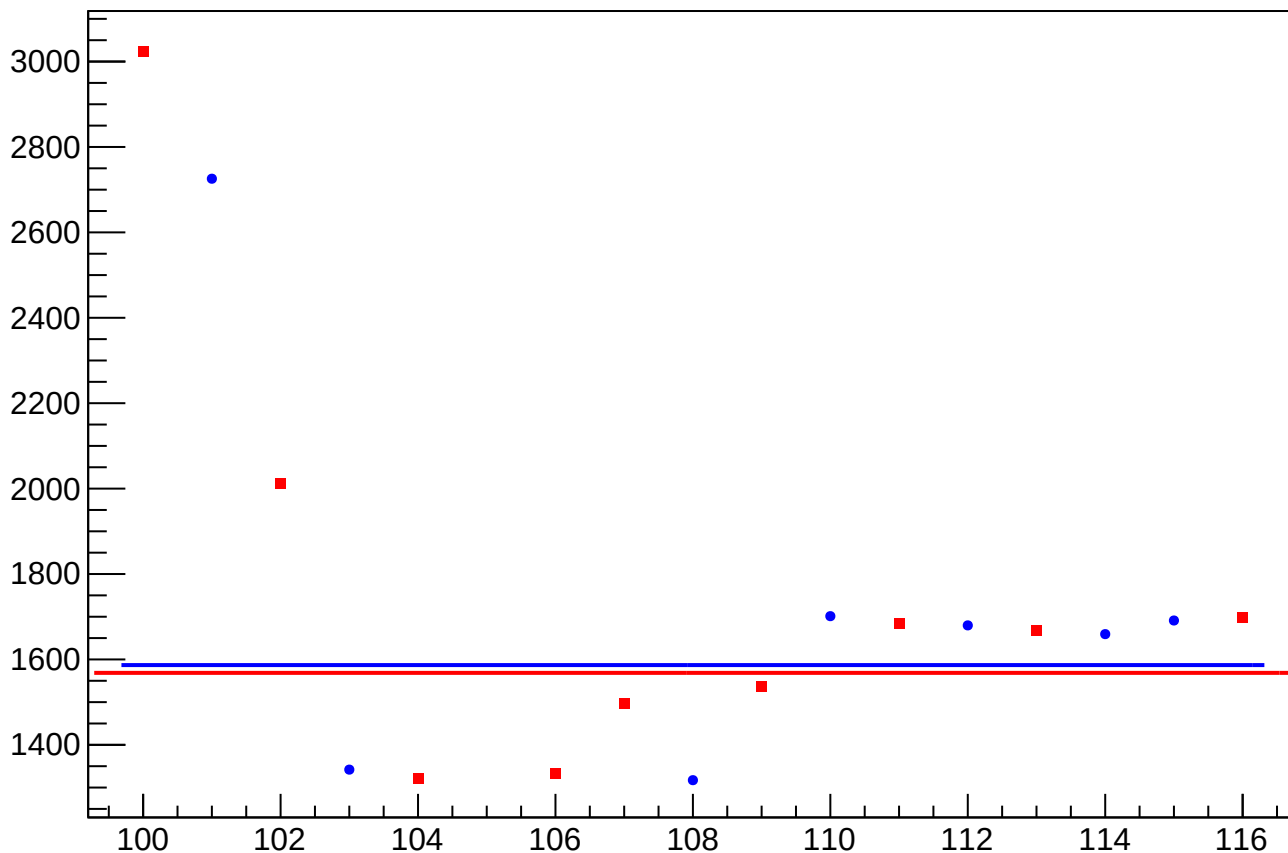
Right: 2472.676 $\pm$ 653.129 χ^2 /NDF: 6.7/15

In: 3143.732 $\pm$ 982.365 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2472.676 $\pm$ 653.129 χ^2 /NDF: 6.7/15

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1586.777+/-0.695 χ^2/NDF : 308108.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.541+/-0.618 χ^2/NDF : 147047.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

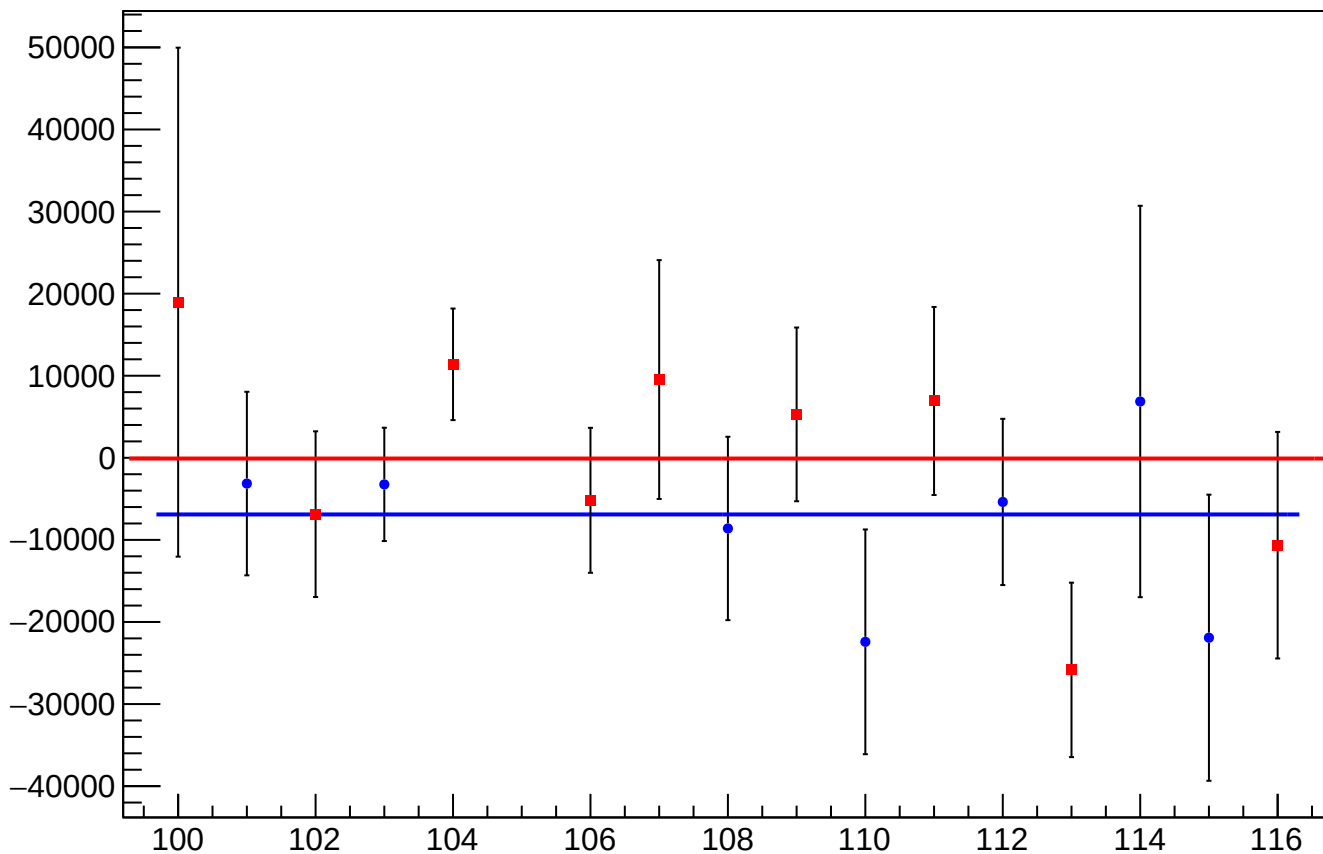
Right: 1576.602+/-0.462 χ^2/NDF : 455540.2/15

In: 1586.777+/-0.695 χ^2/NDF : 308108.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.602+/-0.462 χ^2/NDF : 455540.2/15

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6899.411+/-4183.748 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.809+/-3520.106 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

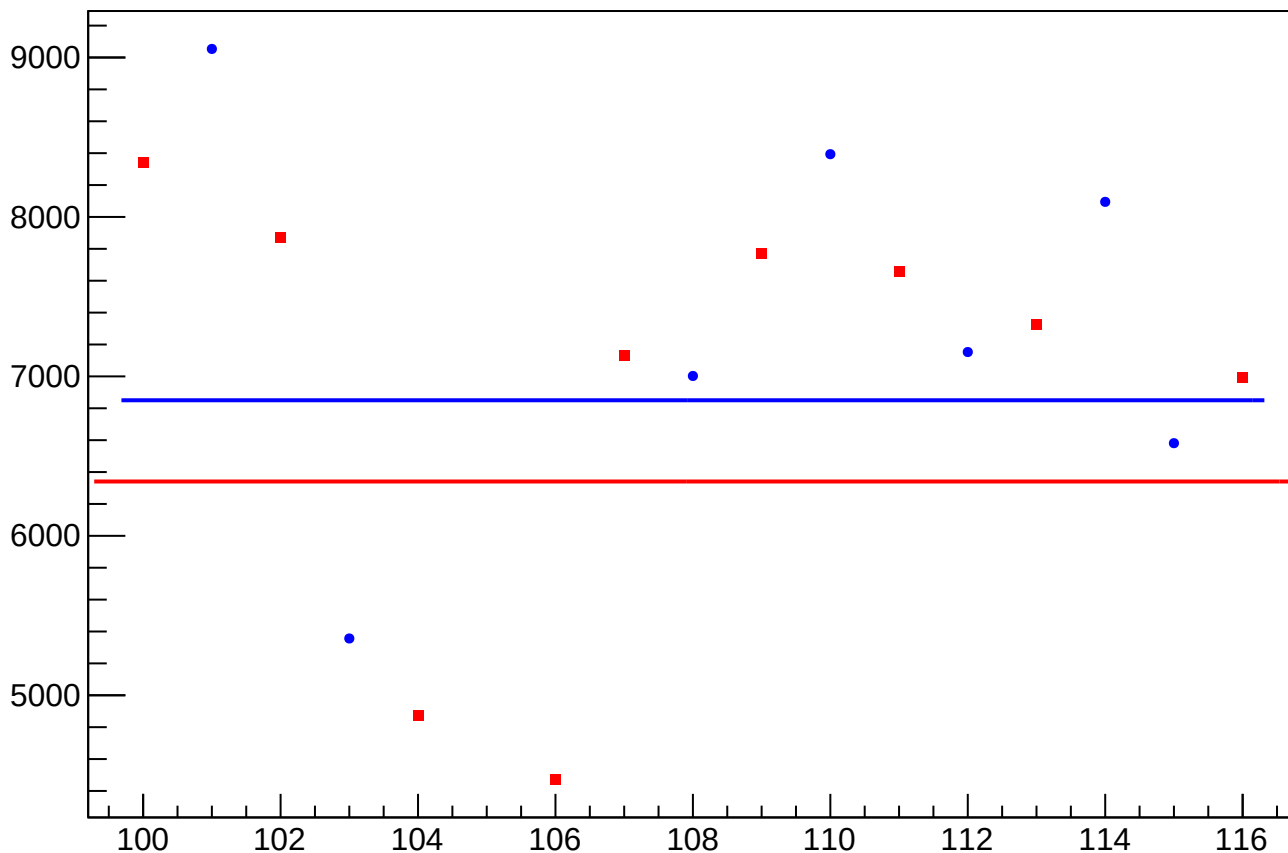
Right: -2911.153+/-2693.536 χ^2/NDF : 15.9/15

In: -6899.411+/-4183.748 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2911.153+/-2693.536 χ^2/NDF : 15.9/15

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6850.222+/-2.958 χ^2/NDF : 204816.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6340.788+/-2.489 χ^2/NDF : 327916.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

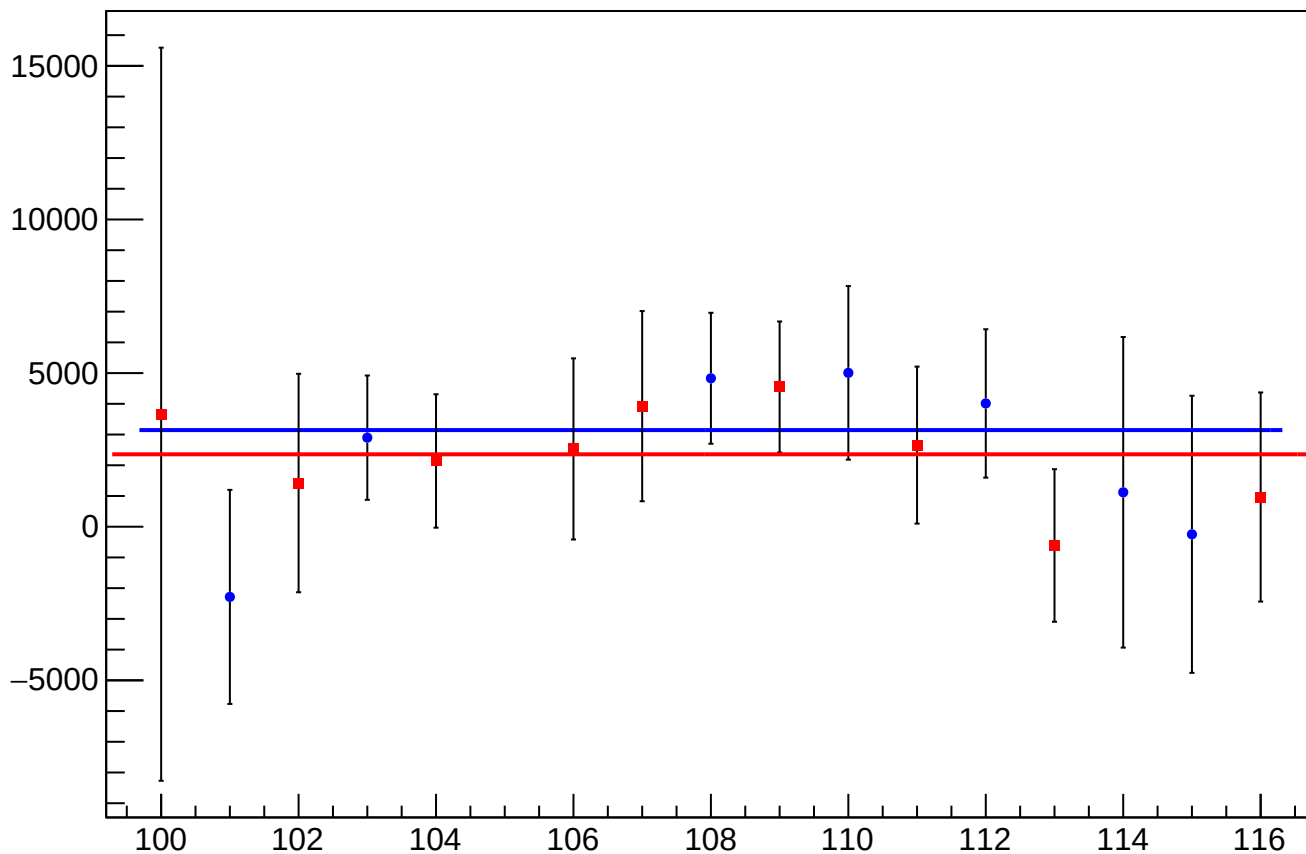
Right: 6551.943+/-1.905 χ^2/NDF : 550094.8/15

In: 6850.222+/-2.958 χ^2/NDF : 204816.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6551.943+/-1.905 χ^2/NDF : 550094.8/15

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3144.946 $\pm$ 1035.875 χ^2 /NDF: 4.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2356.416 $\pm$ 936.809 χ^2 /NDF: 3.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

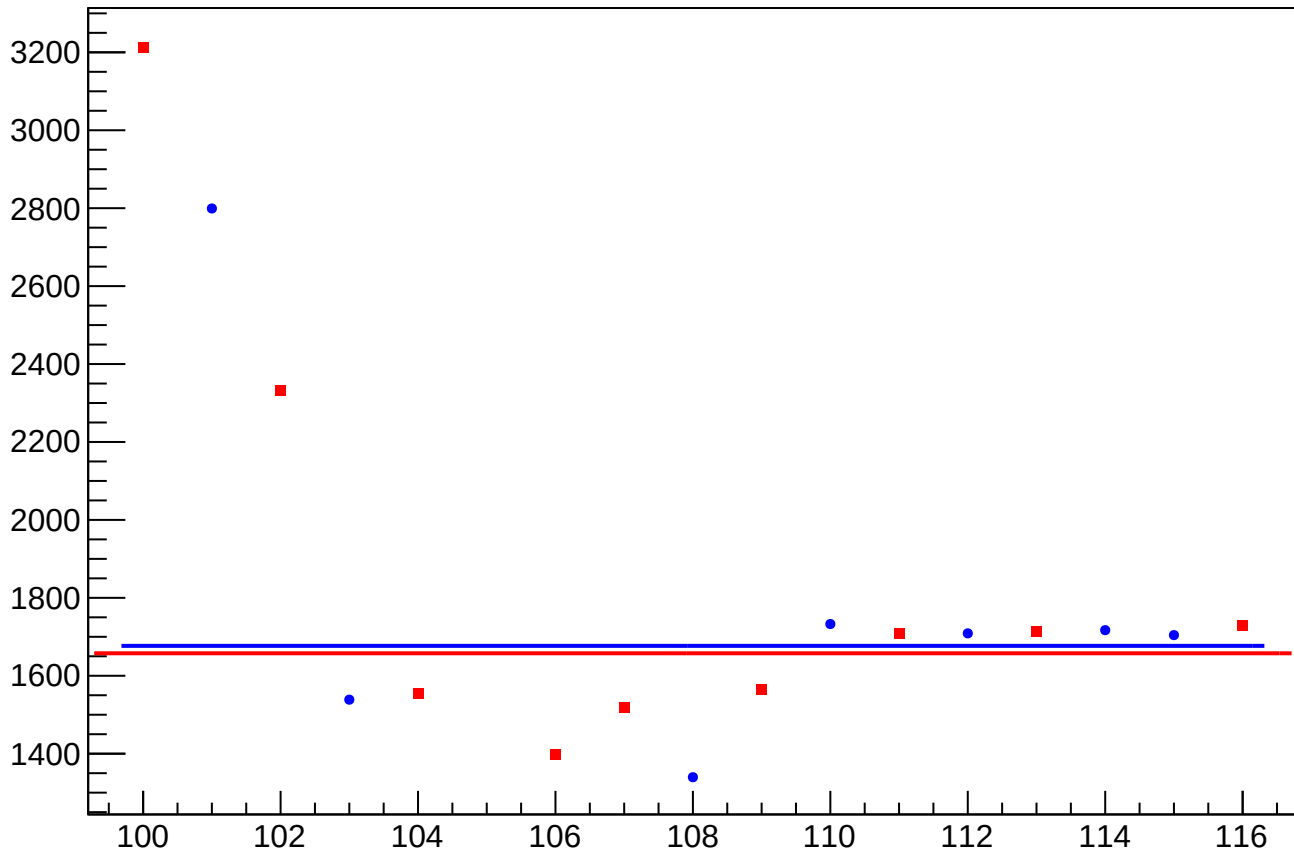
Right: 2711.182 $\pm$ 694.815 χ^2 /NDF: 7.7/15

In: 3144.946 $\pm$ 1035.875 χ^2 /NDF:4.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2711.182 $\pm$ 694.815 χ^2 /NDF: 7.7/15

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1676.747+/-0.732 χ^2/NDF : 268371.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.687+/-0.662 χ^2/NDF : 136434.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

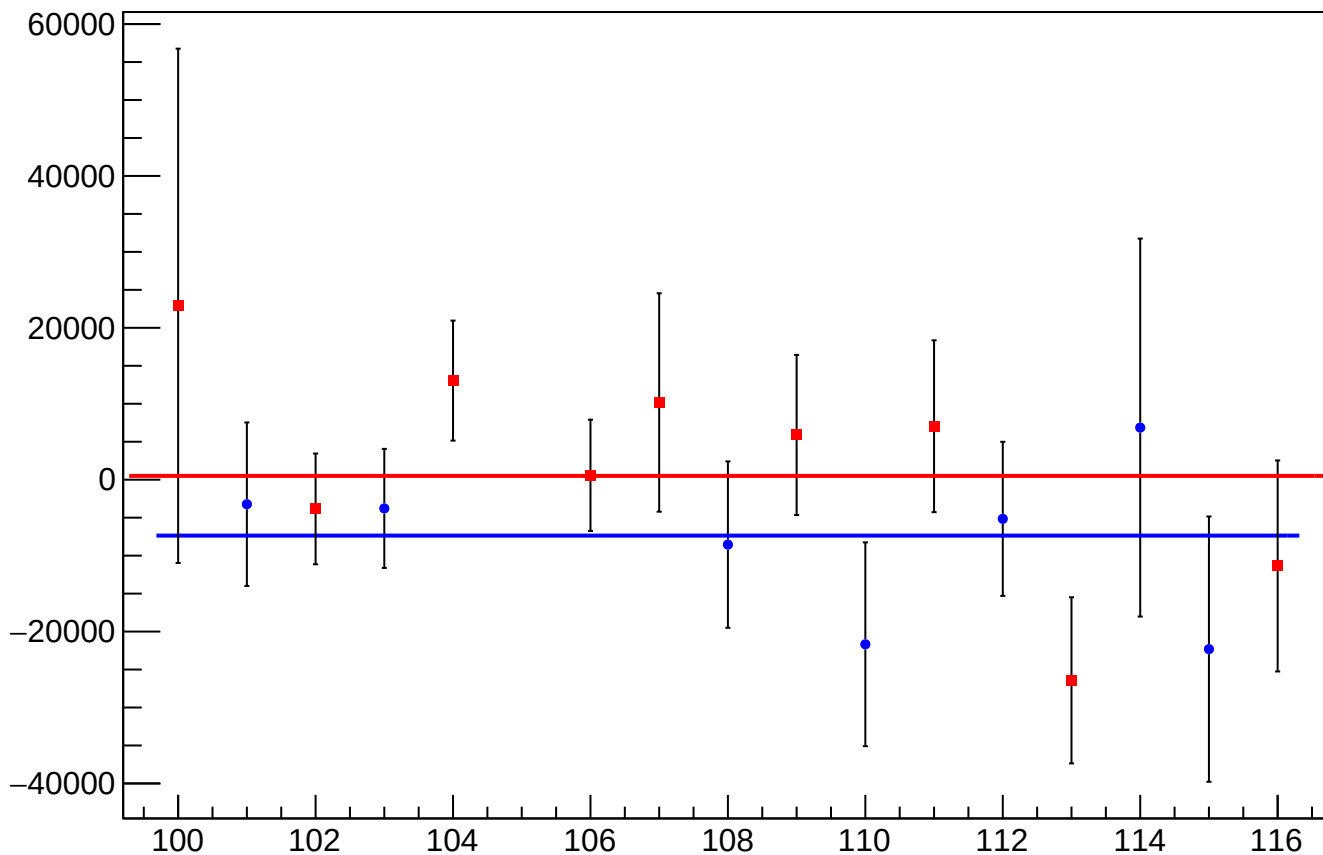
Right: 1666.255+/-0.491 χ^2/NDF : 405177.8/15

In: 1676.747+/-0.732 χ^2/NDF : 268371.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.255+/-0.491 χ^2/NDF : 405177.8/15

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -7361.618+/-4328.034 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.098+/-3342.819 χ^2/NDF : 11.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

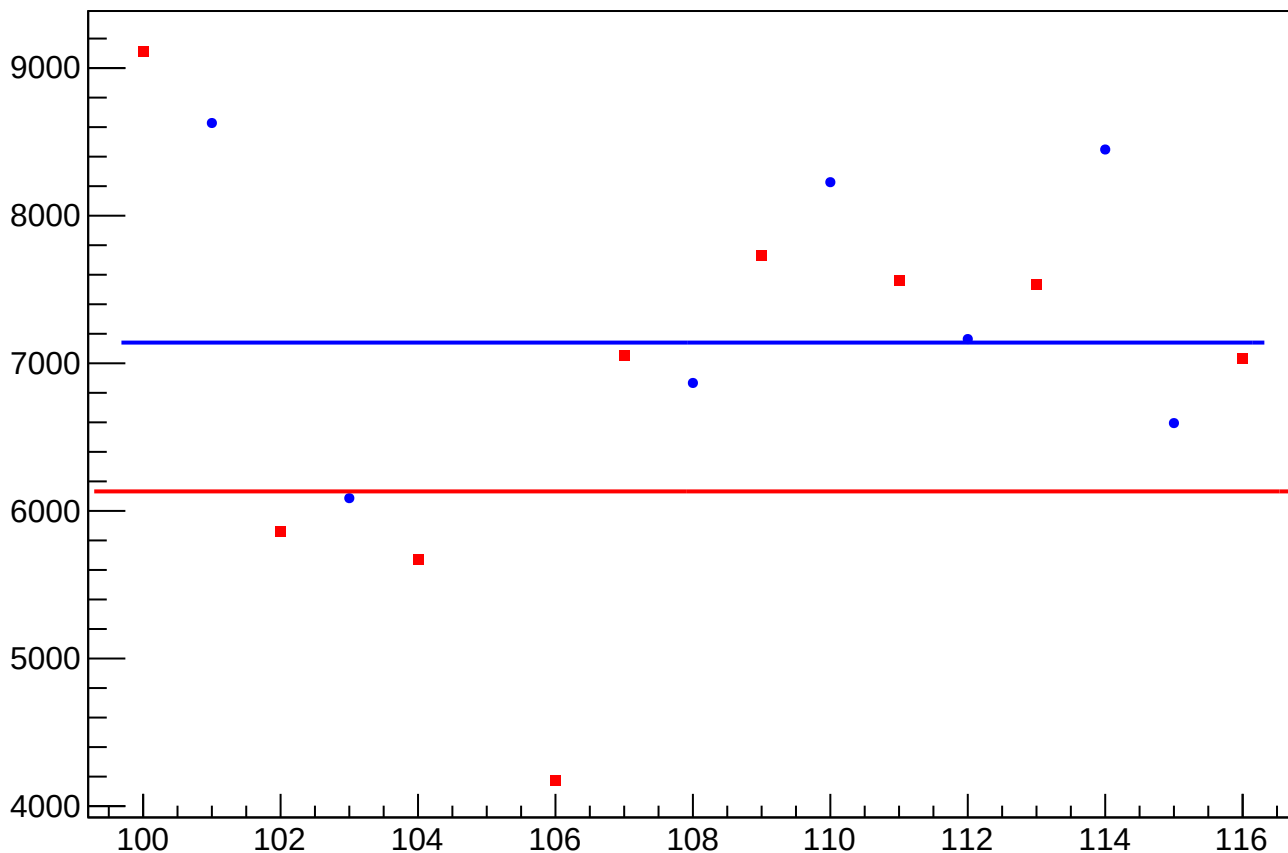
Right: -2436.164+/-2645.587 χ^2/NDF : 15.8/15

In: -7361.618+/-4328.034 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2436.164+/-2645.587 χ^2/NDF : 15.8/15

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7140.373+/-3.060 χ^2/NDF : 96180.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6132.136+/-2.364 χ^2/NDF : 294909.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

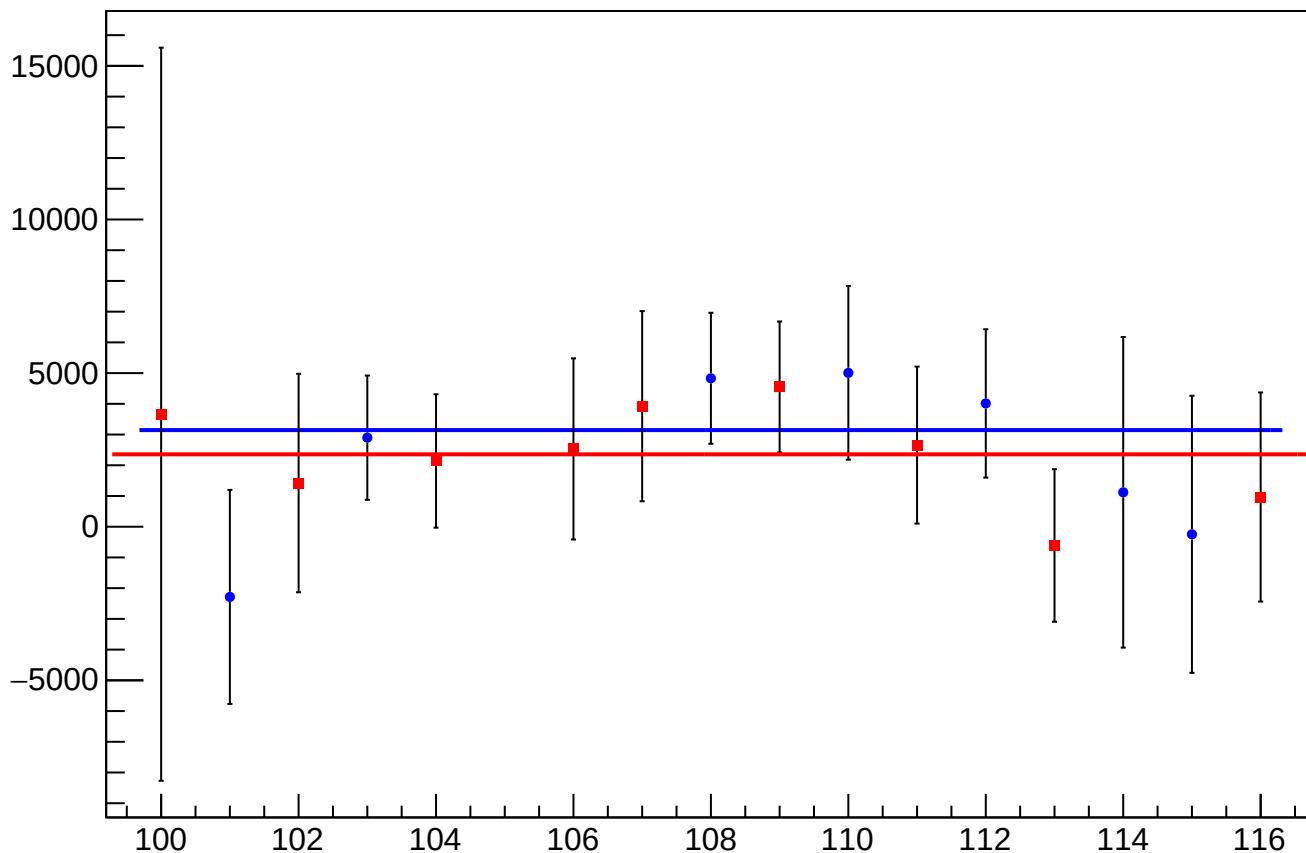
Right: 6508.862+/-1.871 χ^2/NDF : 459071.6/15

In: 7140.373+/-3.060 χ^2/NDF : 96180.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6508.862+/-1.871 χ^2/NDF : 459071.6/15

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3144.958+/-1035.875 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.426+/-936.809 χ^2/NDF : 3.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

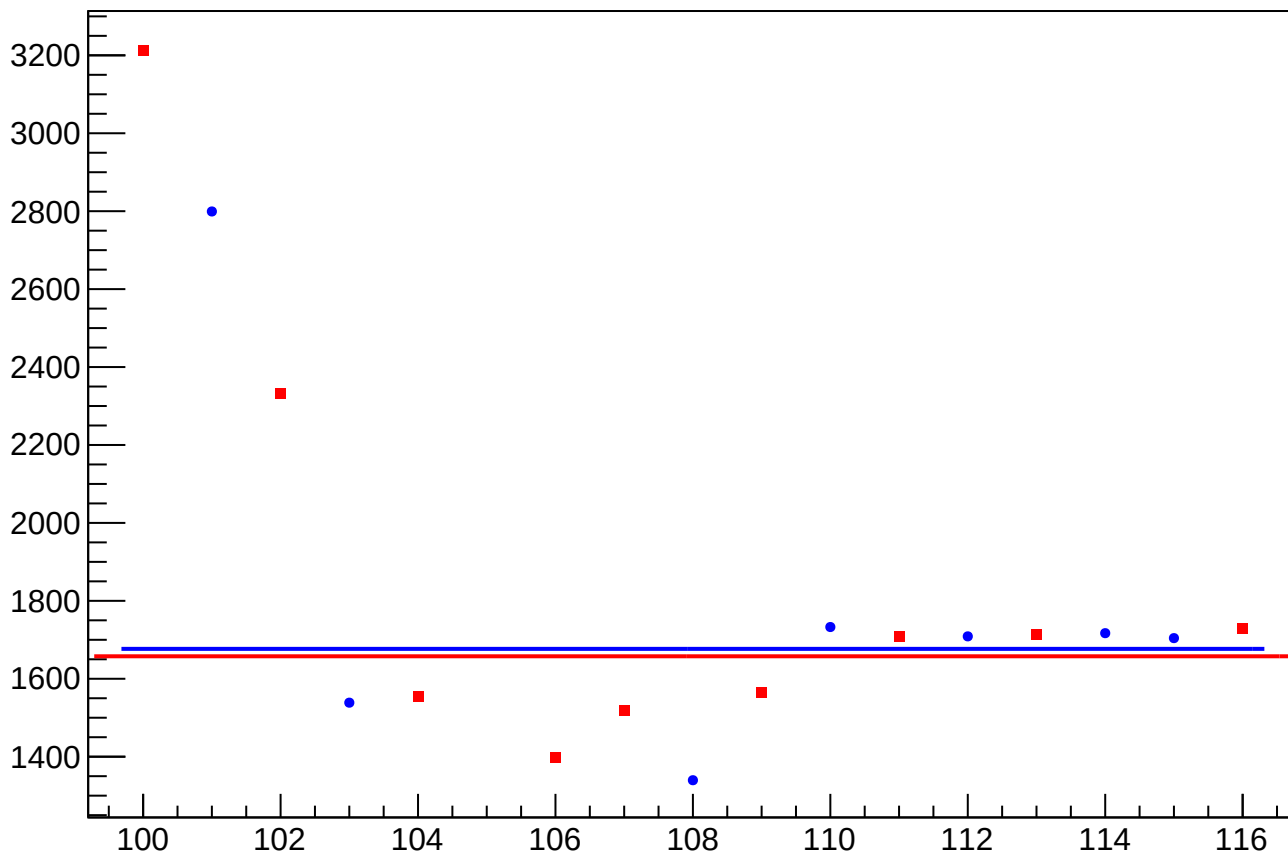
Right: 2711.192+/-694.815 χ^2/NDF : 7.7/15

In: 3144.958+/-1035.875 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2711.192+/-694.815 χ^2/NDF : 7.7/15

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1676.747+/-0.732 χ^2/NDF : 268370.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.687+/-0.662 χ^2/NDF : 136433.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

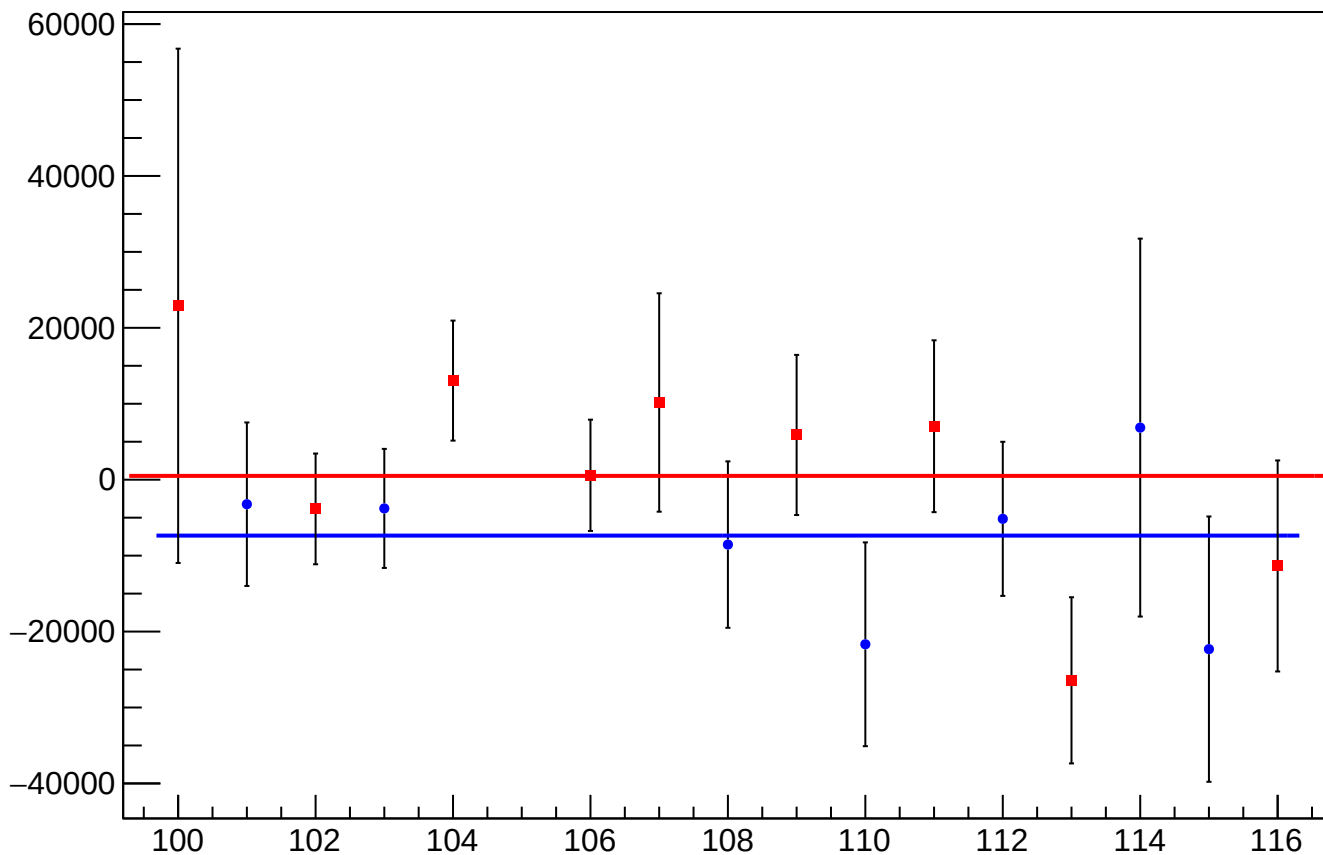
Right: 1666.255+/-0.491 χ^2/NDF : 405177.3/15

In: 1676.747+/-0.732 χ^2/NDF : 268370.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.255+/-0.491 χ^2/NDF : 405177.3/15

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7361.616+/-4328.028 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.105+/-3342.813 χ^2/NDF : 11.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

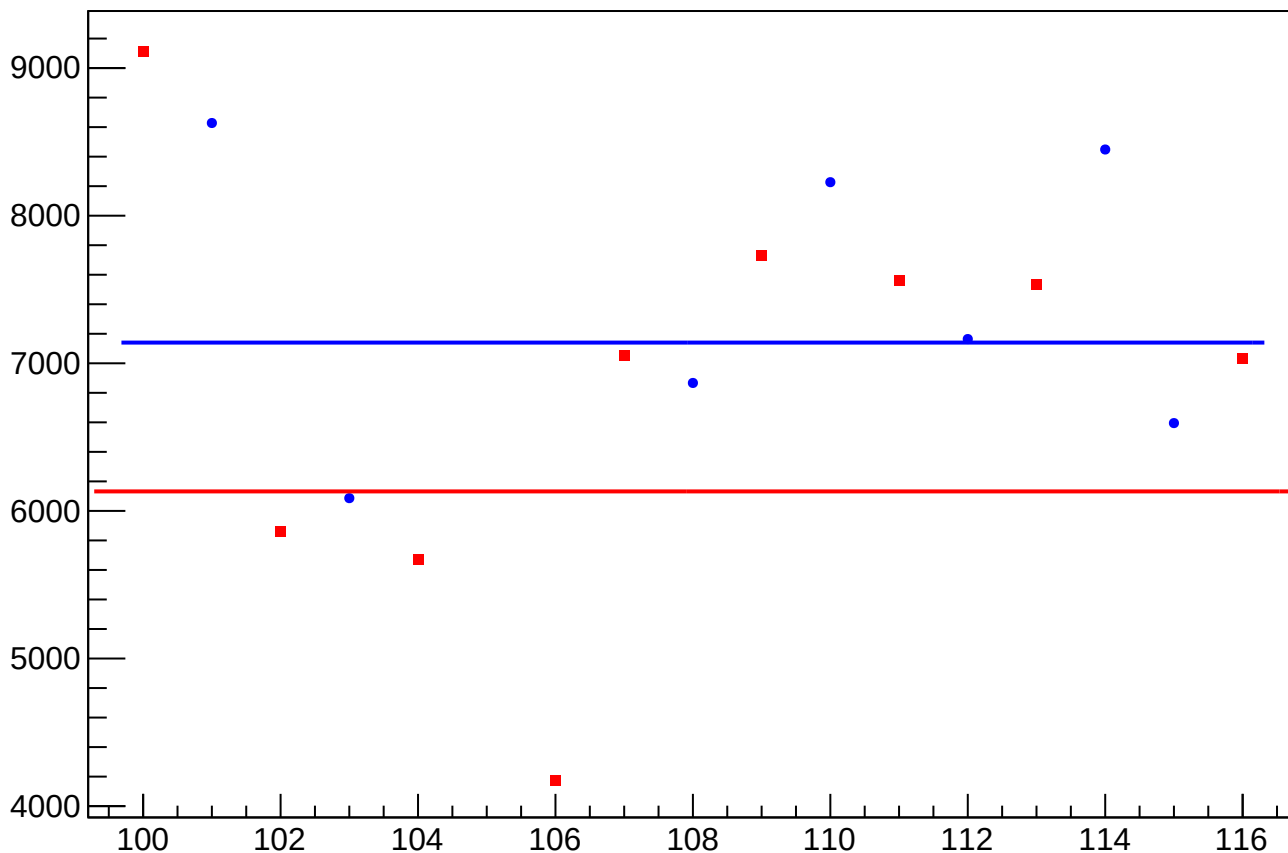
Right: -2436.158+/-2645.583 χ^2/NDF : 15.8/15

In: -7361.616+/-4328.028 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2436.158+/-2645.583 χ^2/NDF : 15.8/15

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7140.364+/-3.060 χ^2/NDF : 96179.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6132.126+/-2.364 χ^2/NDF : 294908.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

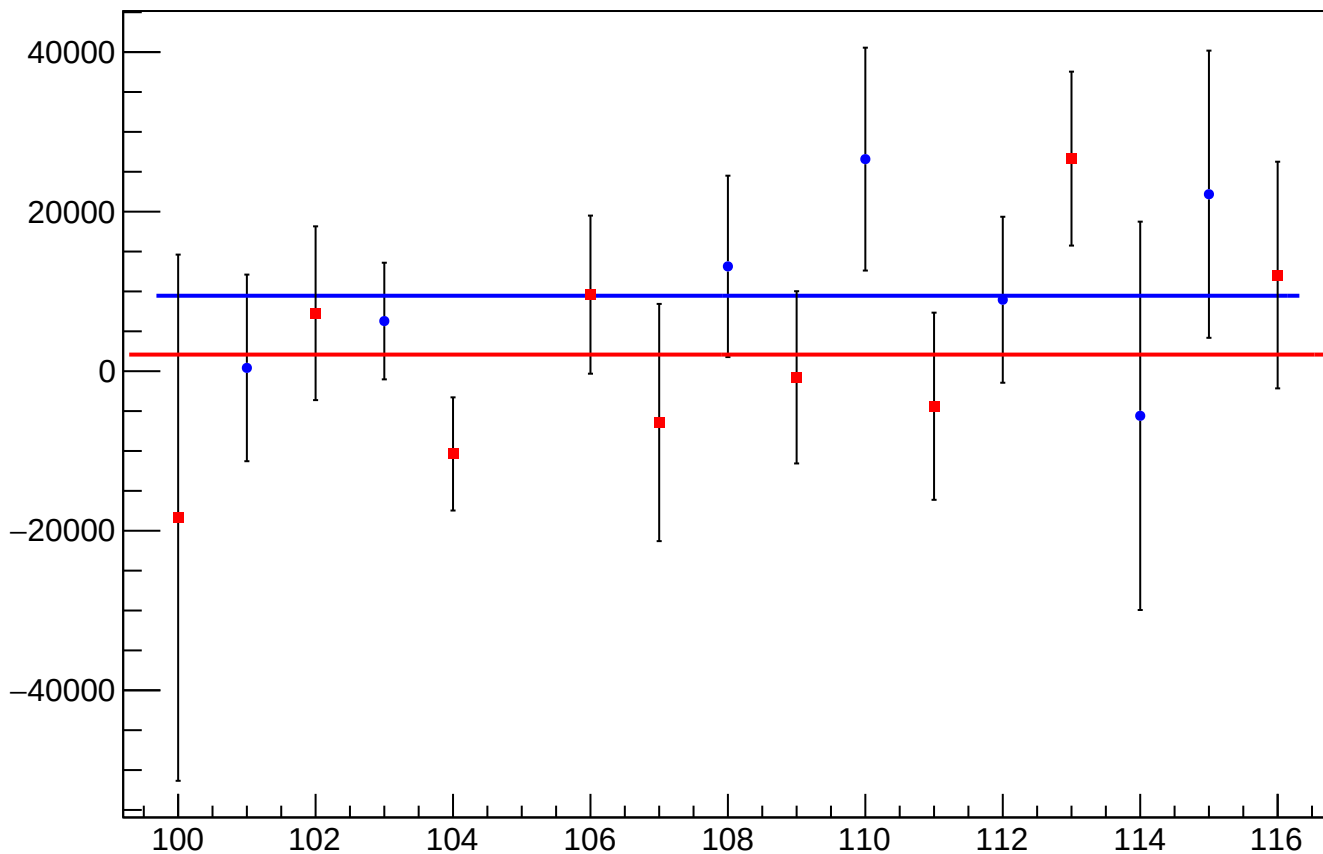
Right: 6508.852+/-1.871 χ^2/NDF : 459070.8/15

In: 7140.364+/-3.060 χ^2/NDF : 96179.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6508.852+/-1.871 χ^2/NDF : 459070.8/15

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 9459.279+/-4348.079 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.796+/-3697.548 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

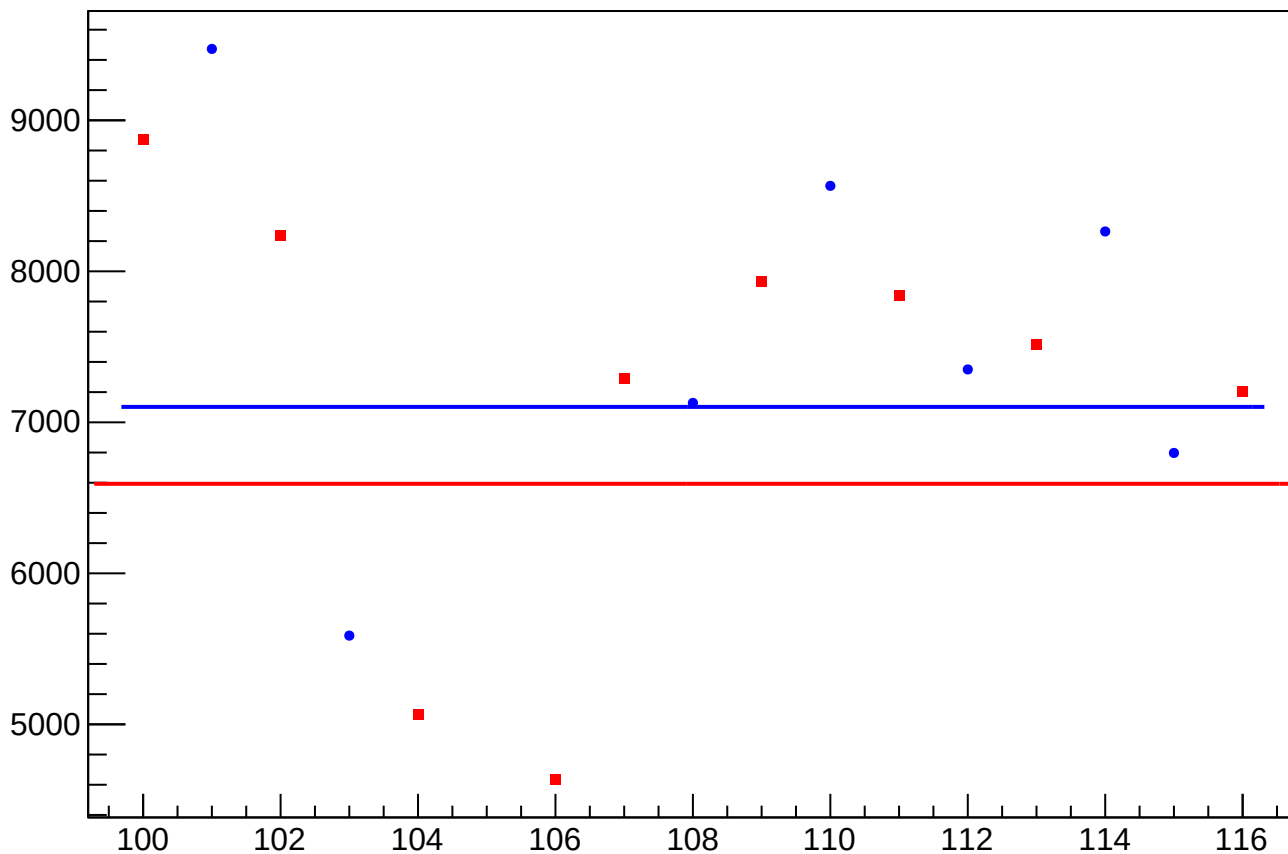
Right: 5178.483+/-2816.770 χ^2/NDF : 15.5/15

In: 9459.279+/-4348.079 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5178.483+/-2816.770 χ^2/NDF : 15.5/15

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7102.203+/-3.074 χ^2/NDF : 196249.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6592.949+/-2.614 χ^2/NDF : 302131.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

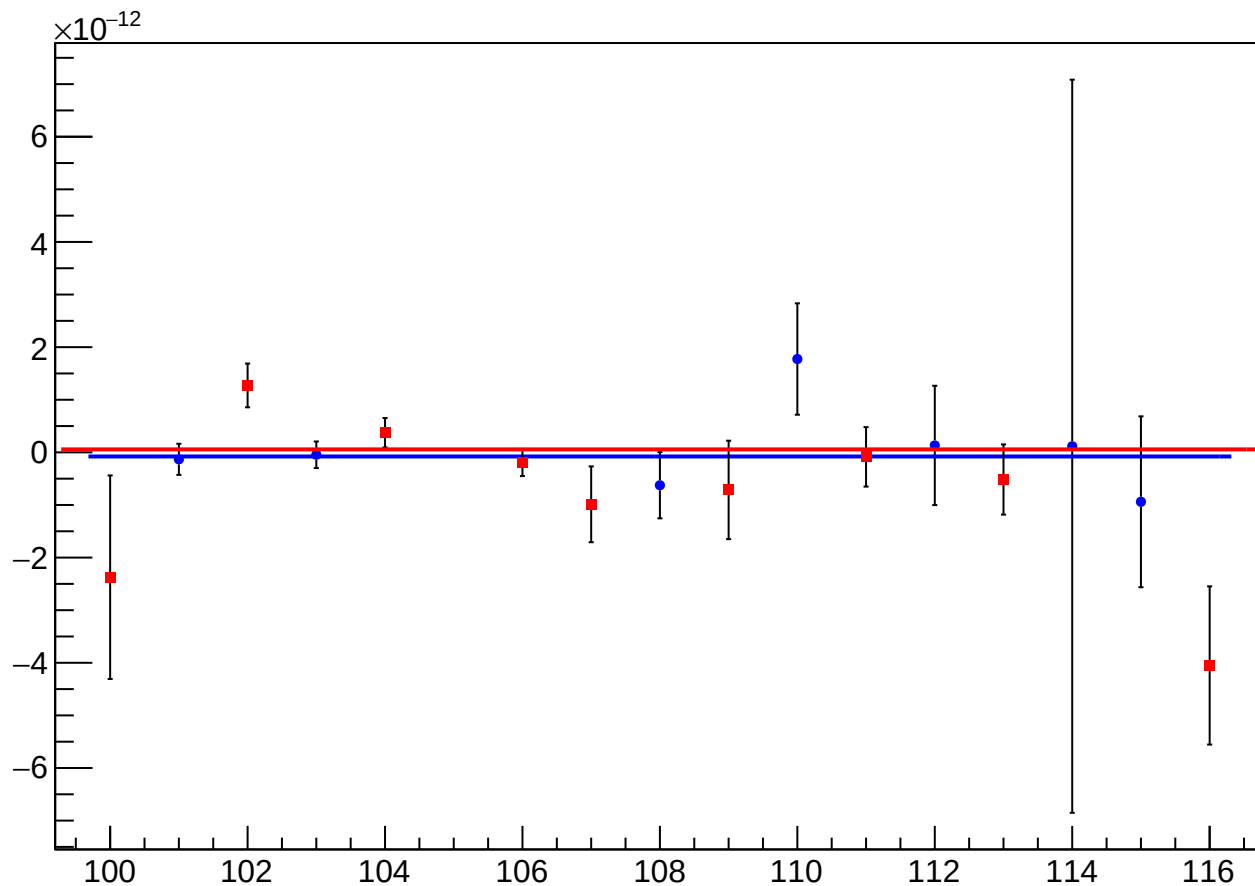
Right: 6806.640+/-1.992 χ^2/NDF : 514305.2/15

In: 7102.203+/-3.074 χ^2/NDF : 196249.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6806.640+/-1.992 χ^2/NDF : 514305.2/15

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 23.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

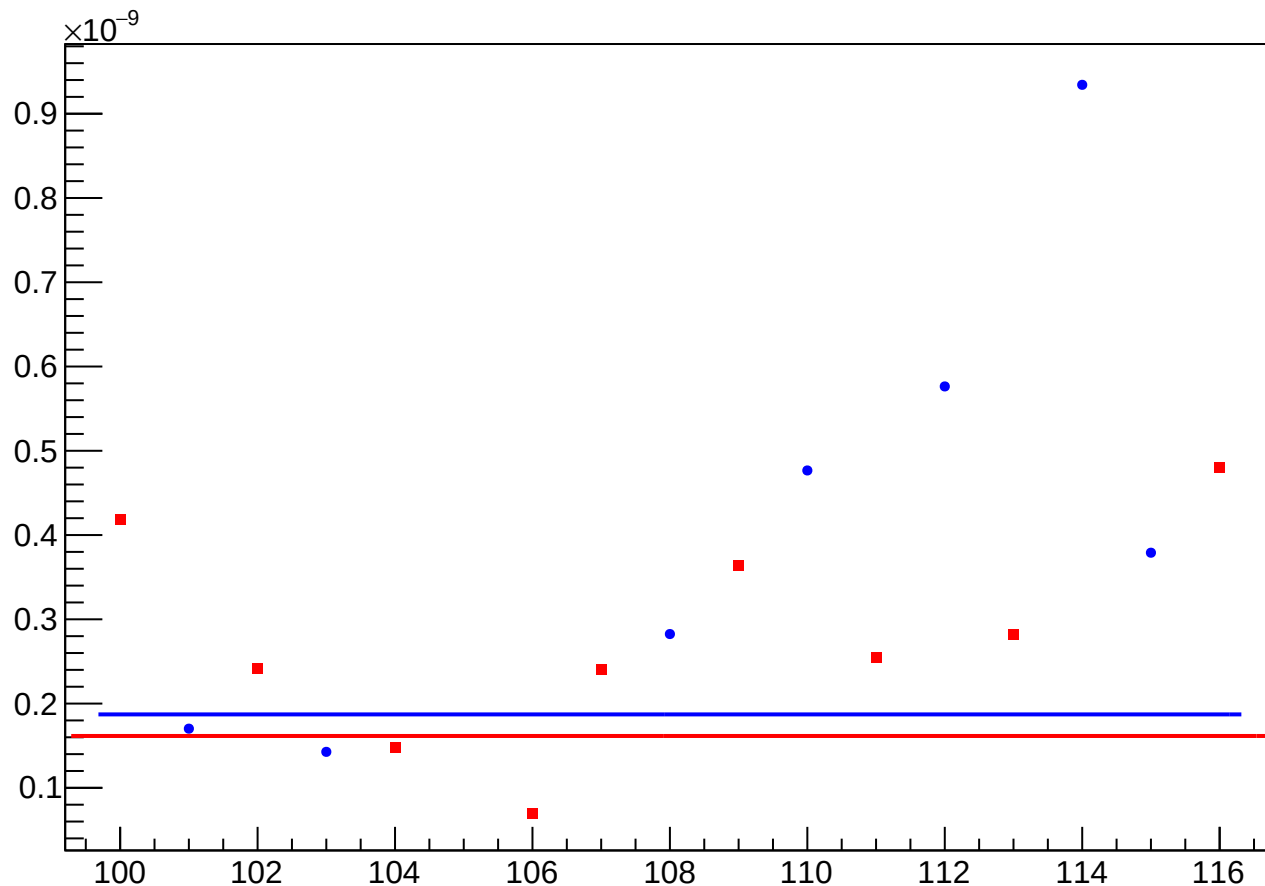
Right: -0.000+/-0.000 χ^2 /NDF: 28.0/15

In: -0.000+/-0.000 χ^2 /NDF:4.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.0/15

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 550483.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 706657.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

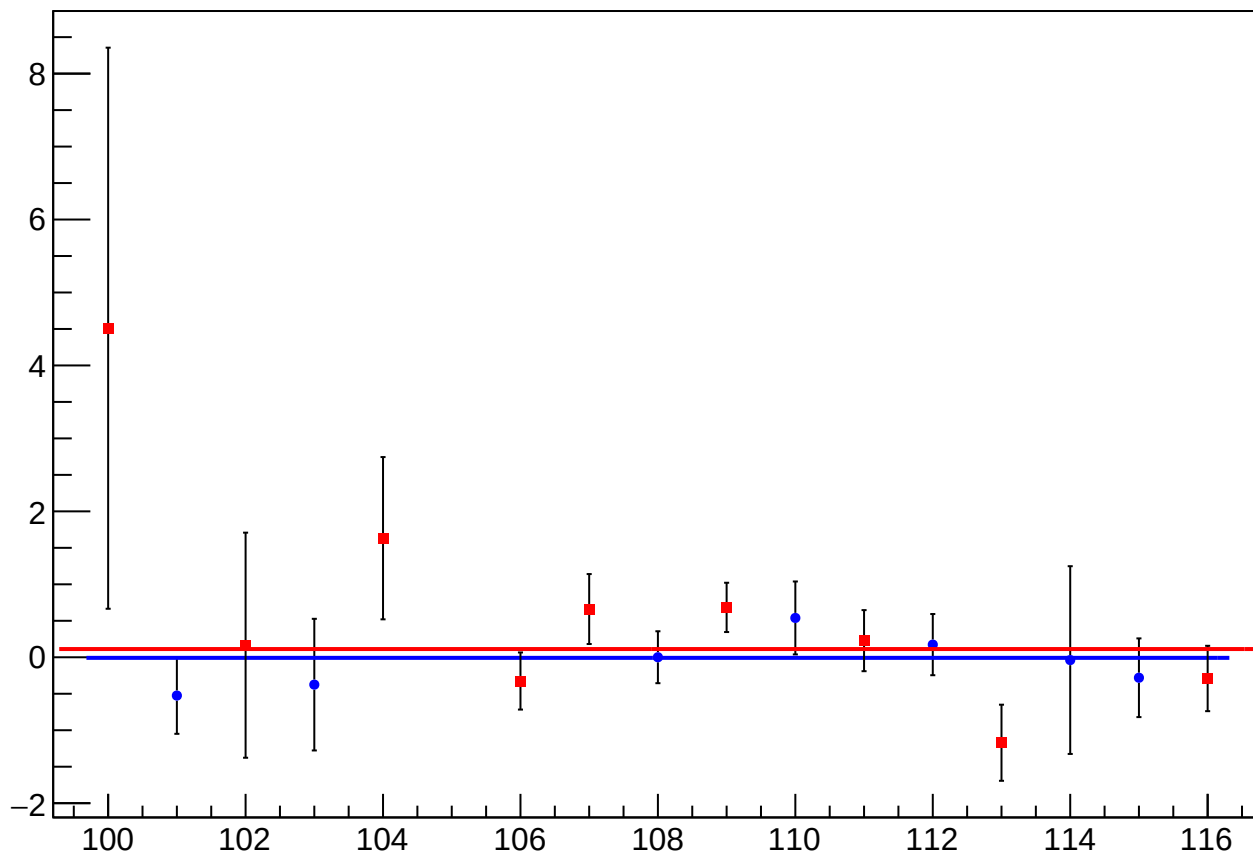
Right: 0.000+/-0.000 χ^2/NDF : 1281153.8/15

In: 0.000+/-0.000 χ^2/NDF : 550483.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1281153.8/15

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.194 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

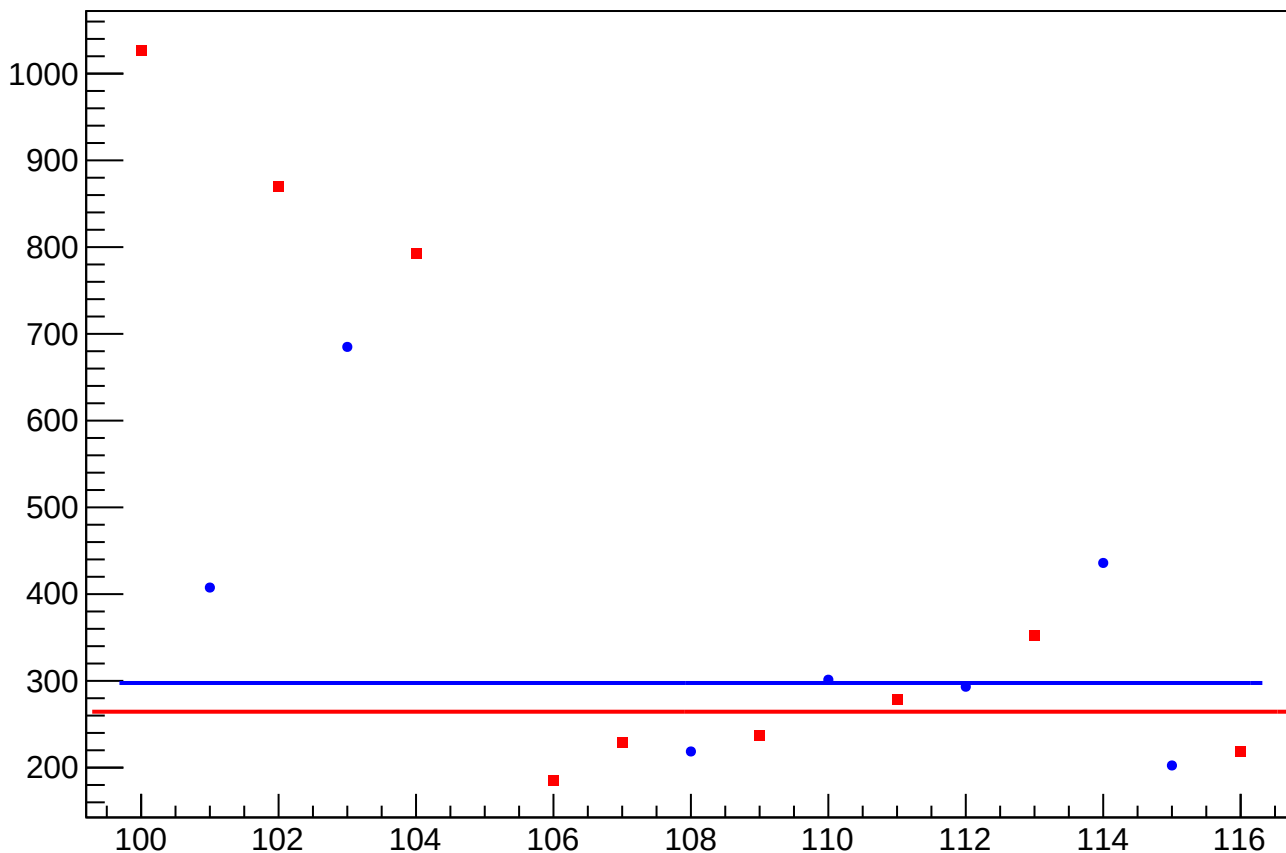
Right: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

In: -0.008 $\pm$ 0.194 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 297.574+/-0.137 χ^2/NDF : 640809.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.463+/-0.119 χ^2/NDF : 1024398.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

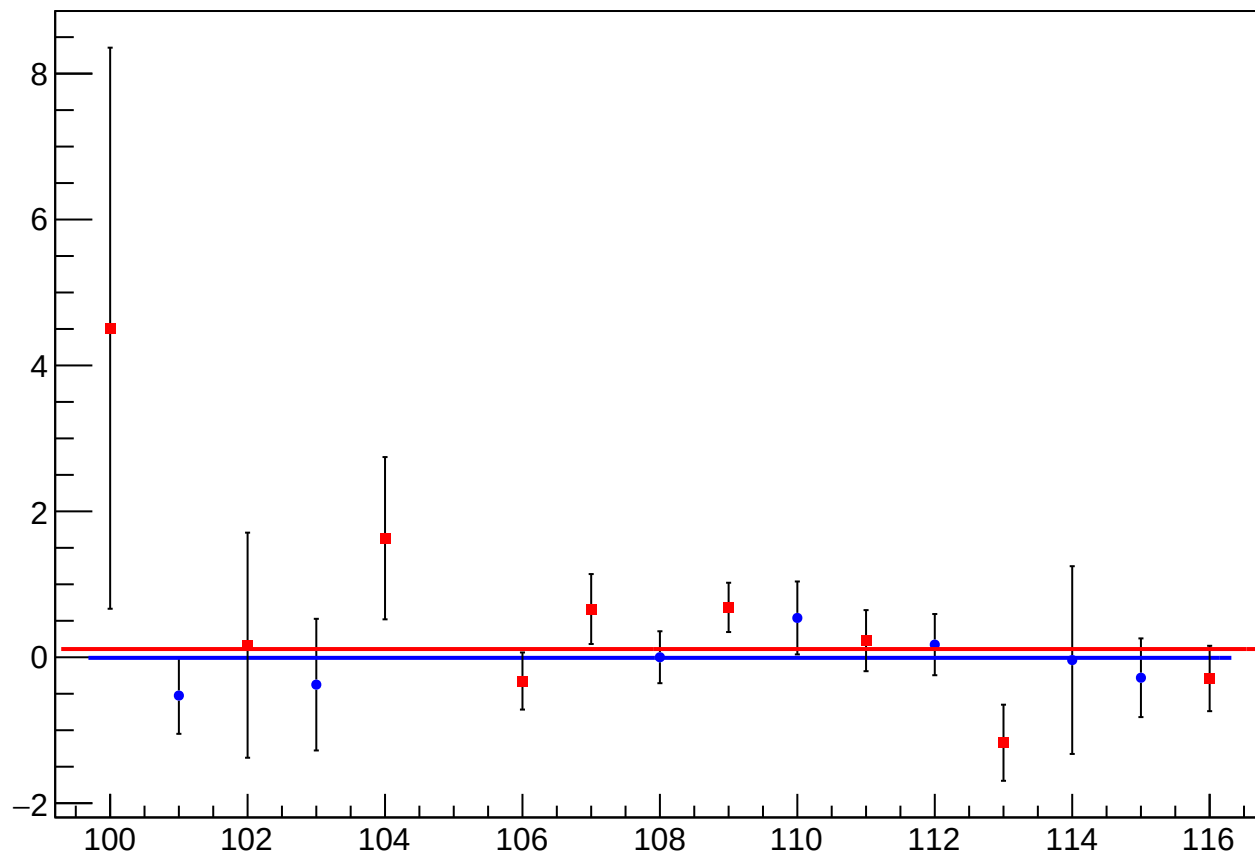
Right: 278.658+/-0.090 χ^2/NDF : 1698391.0/15

In: 297.574+/-0.137 χ^2/NDF : 640809.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.658+/-0.090 χ^2/NDF : 1698391.0/15

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.194 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

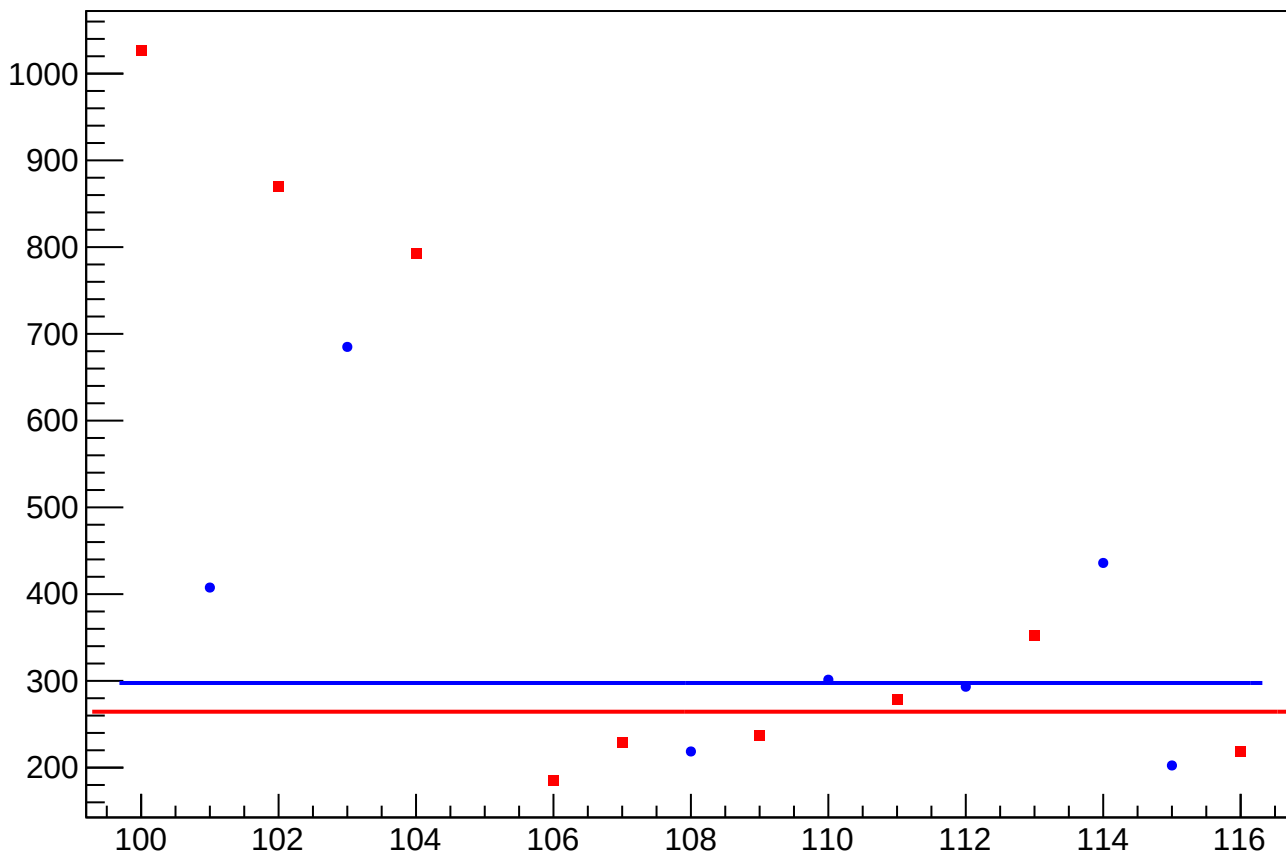
Right: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

In: -0.008 $\pm$ 0.194 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 297.574+/-0.137 χ^2/NDF : 640809.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 264.463+/-0.119 χ^2/NDF : 1024398.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

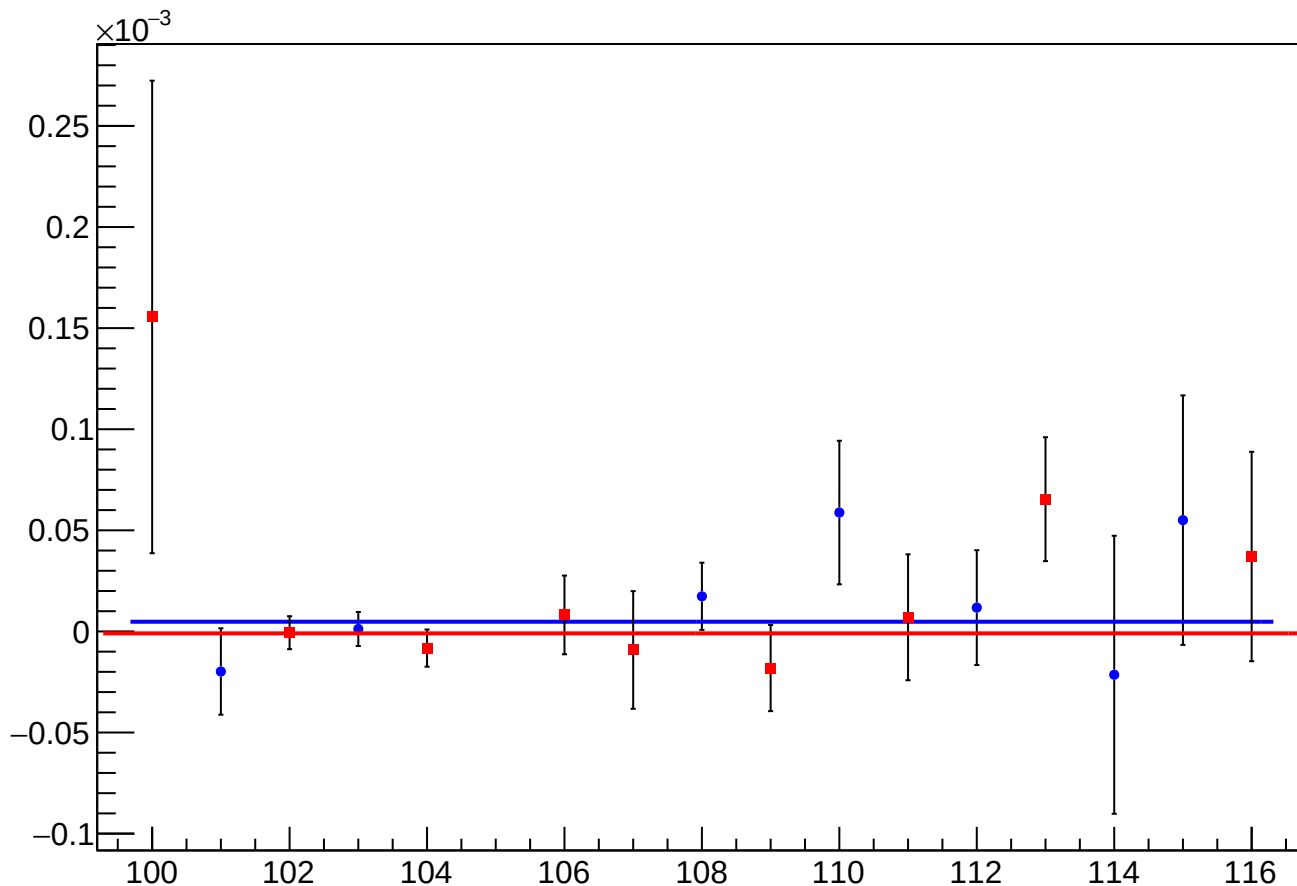
Right: 278.658+/-0.090 χ^2/NDF : 1698391.0/15

In: 297.574+/-0.137 χ^2/NDF :640809.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 278.658+/-0.090 χ^2/NDF : 1698391.0/15

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

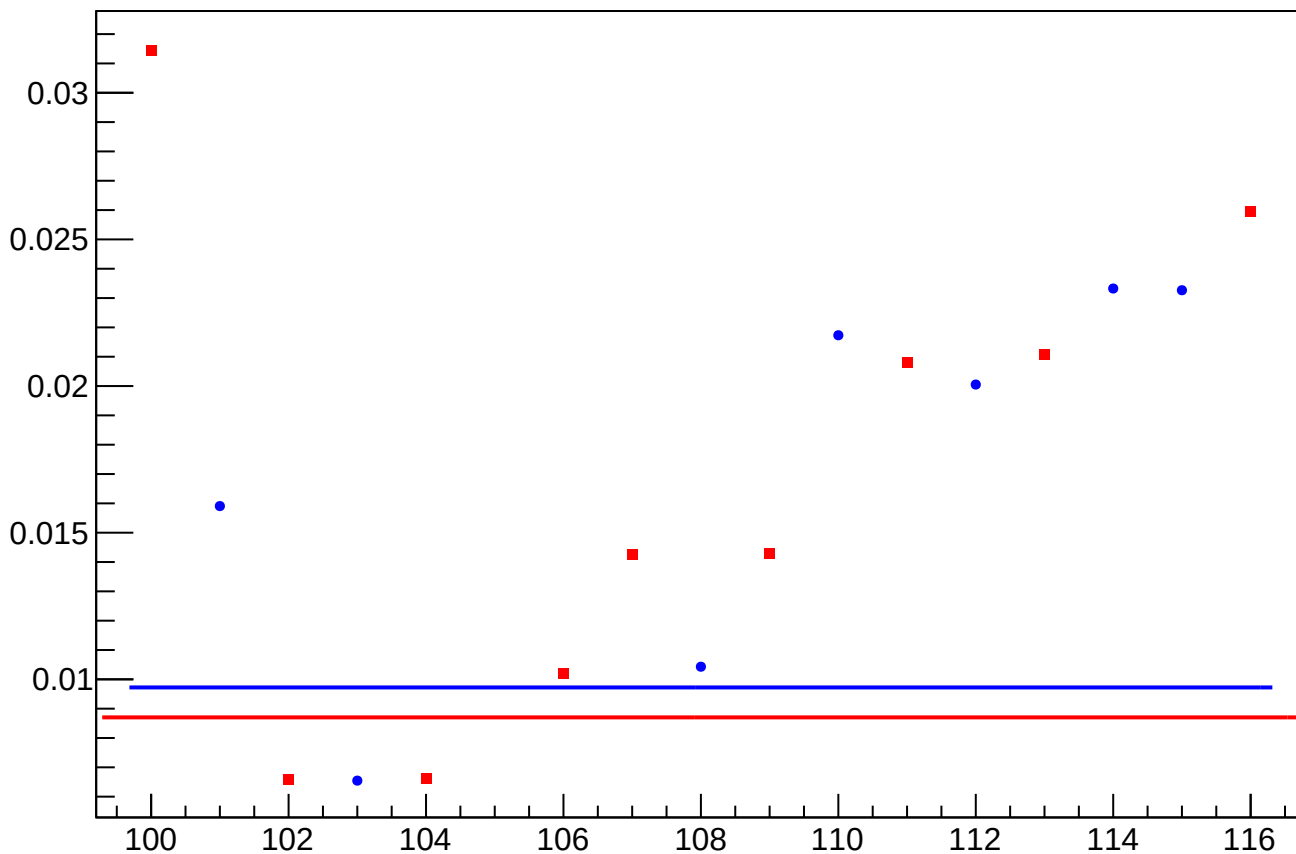
Right: 0.000+/-0.000 χ^2/NDF : 14.4/15

In: 0.000+/-0.000 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/15

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1124115.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1387668.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

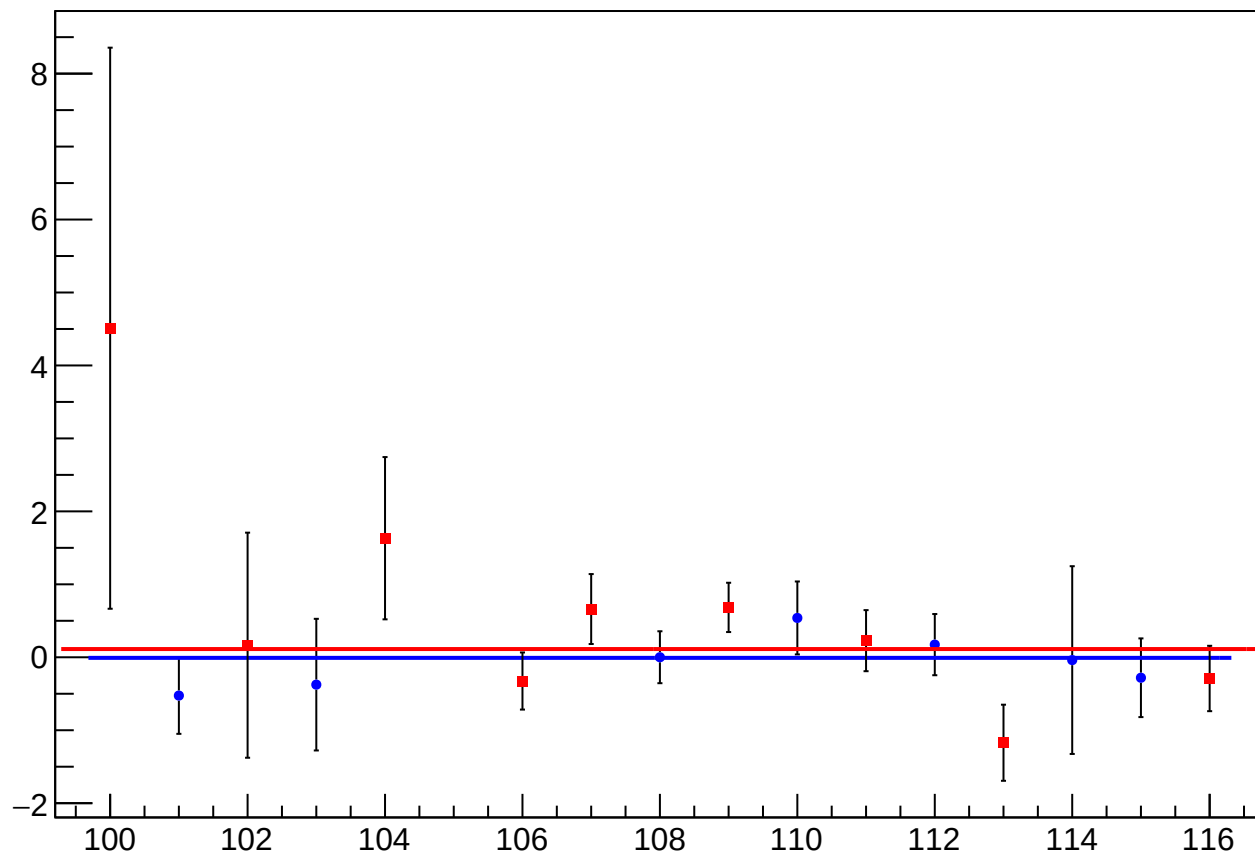
Right: 0.009+/-0.000 χ^2/NDF : 2540420.9/15

In: 0.010+/-0.000 χ^2/NDF :1124115.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 2540420.9/15

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.194 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

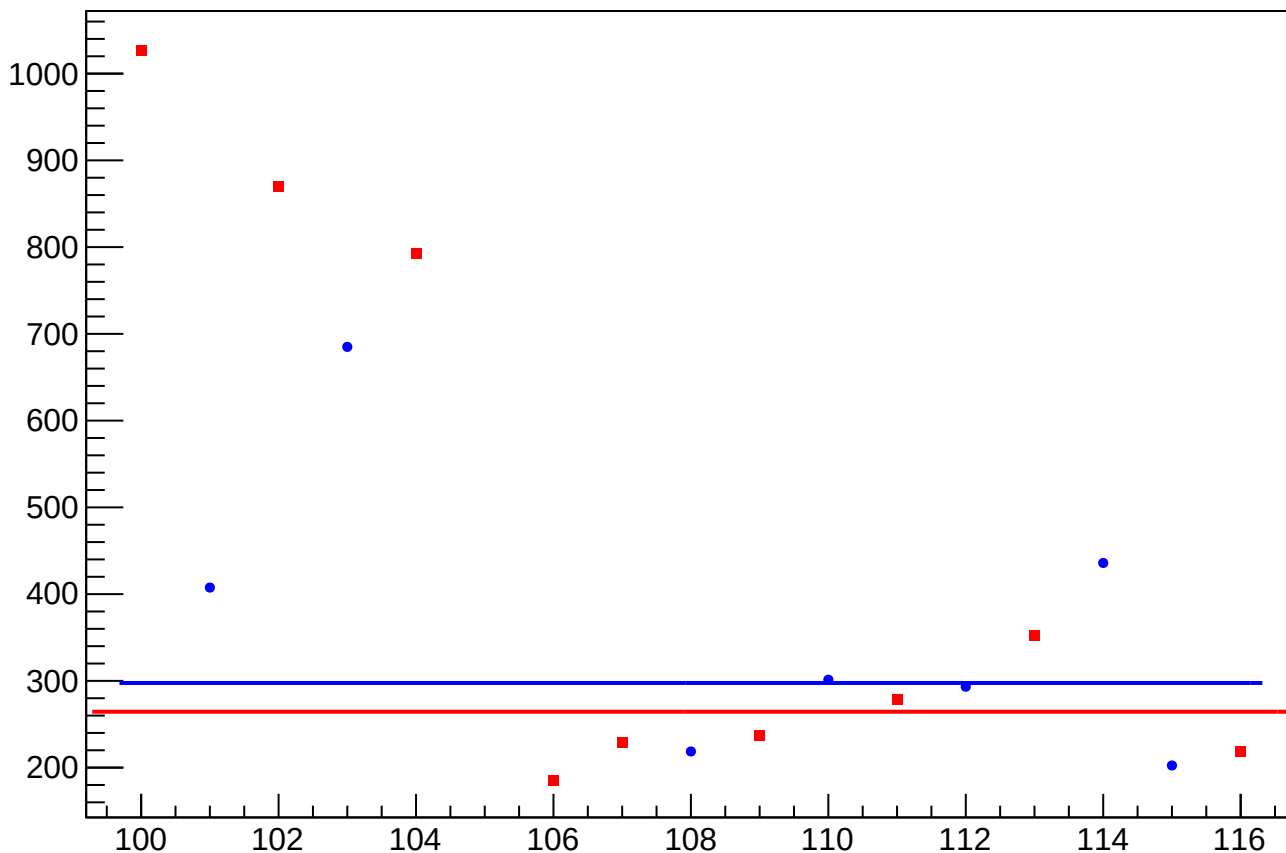
Right: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

In: -0.008 $\pm$ 0.194 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 297.578+/-0.137 χ^2/NDF : 640781.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.465+/-0.119 χ^2/NDF : 1024386.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

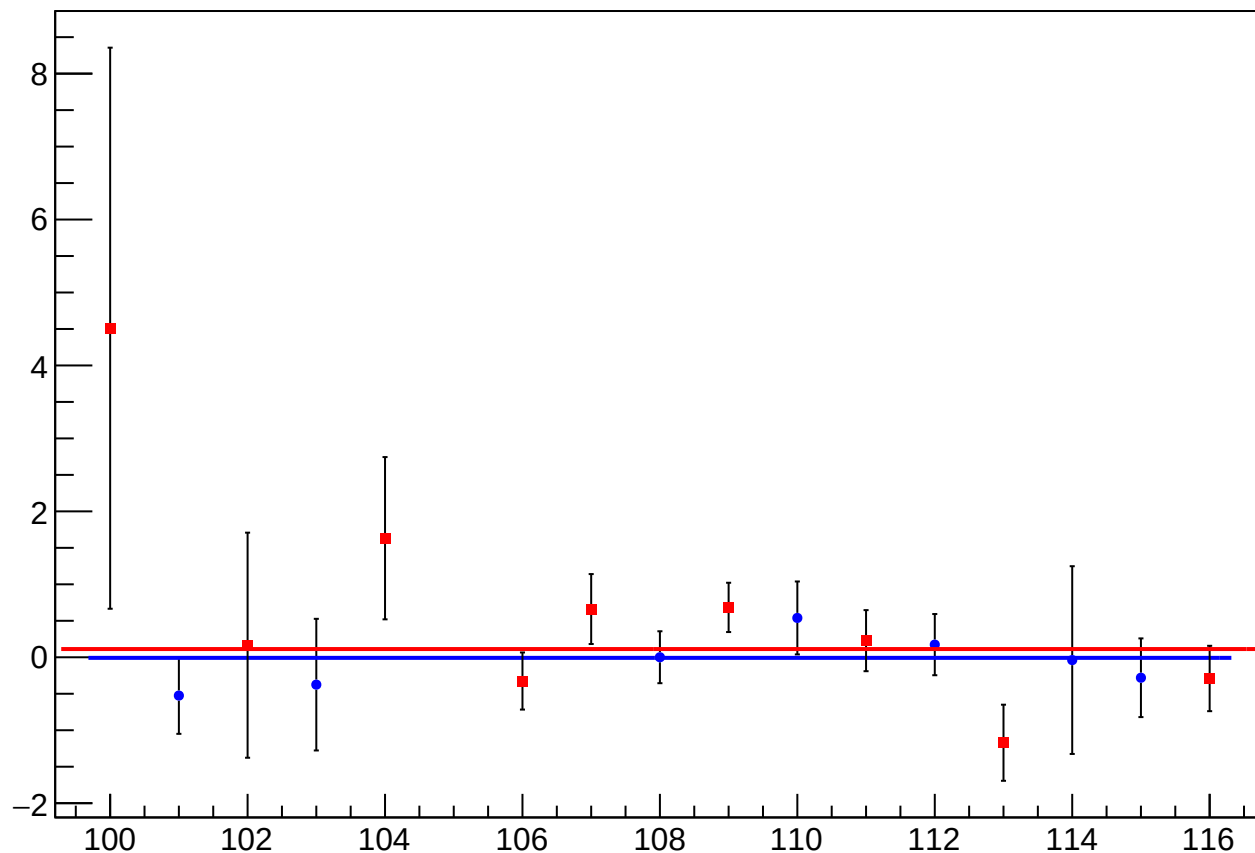
Right: 278.661+/-0.090 χ^2/NDF : 1698355.1/15

In: 297.578+/-0.137 χ^2/NDF : 640781.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.661+/-0.090 χ^2/NDF : 1698355.1/15

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.194 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

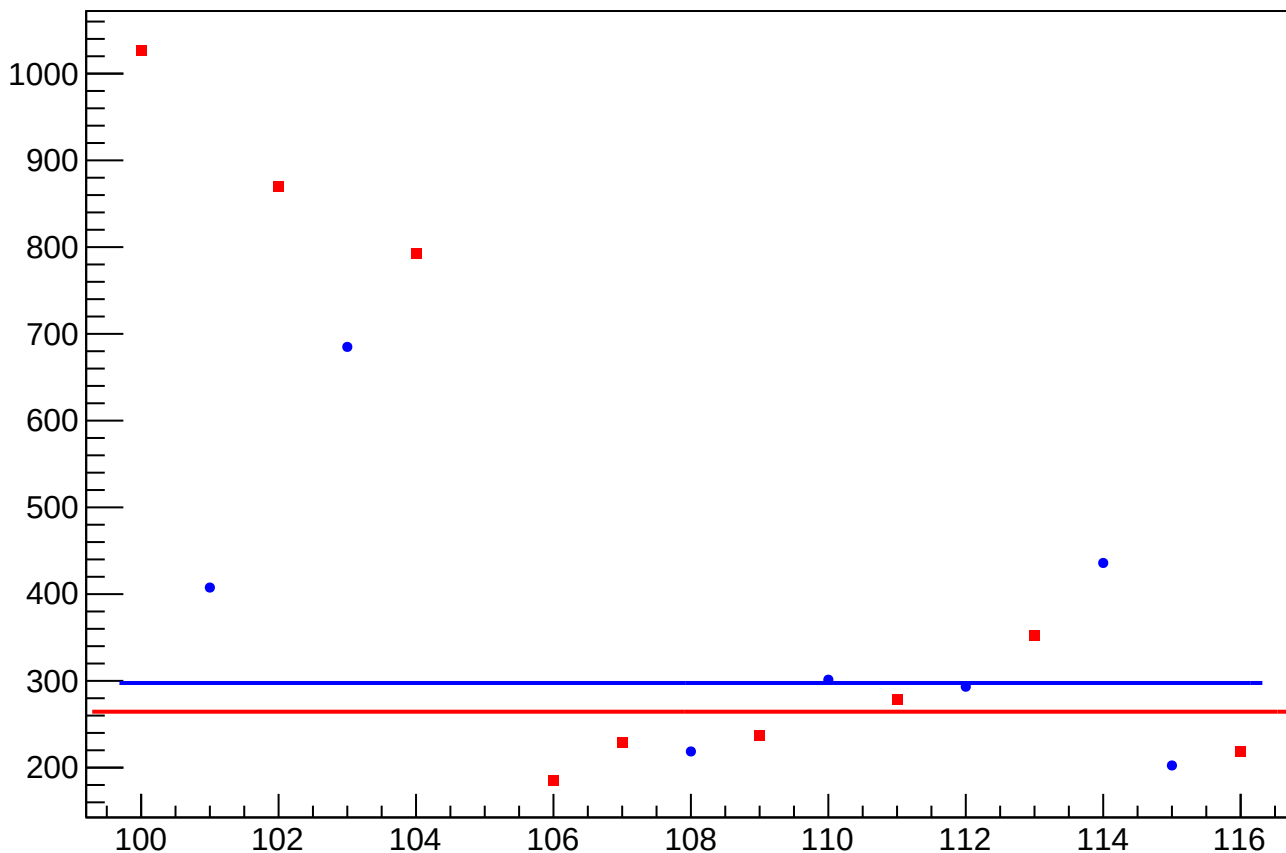
Right: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

In: -0.008 $\pm$ 0.194 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.061 $\pm$ 0.127 χ^2 /NDF: 18.5/15

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 297.578+/-0.137 χ^2/NDF : 640781.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.465+/-0.119 χ^2/NDF : 1024386.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

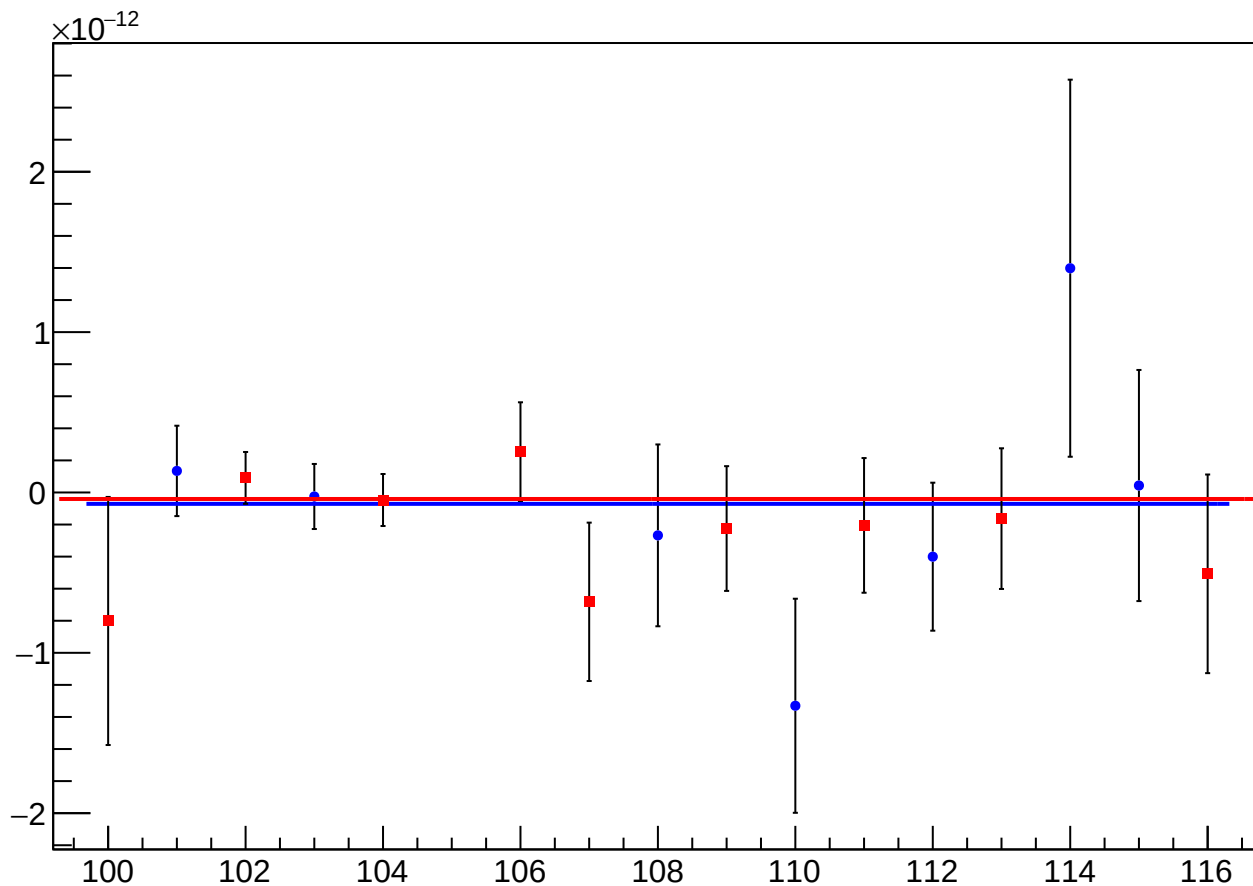
Right: 278.661+/-0.090 χ^2/NDF : 1698355.1/15

In: 297.578+/-0.137 χ^2/NDF : 640781.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.661+/-0.090 χ^2/NDF : 1698355.1/15

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

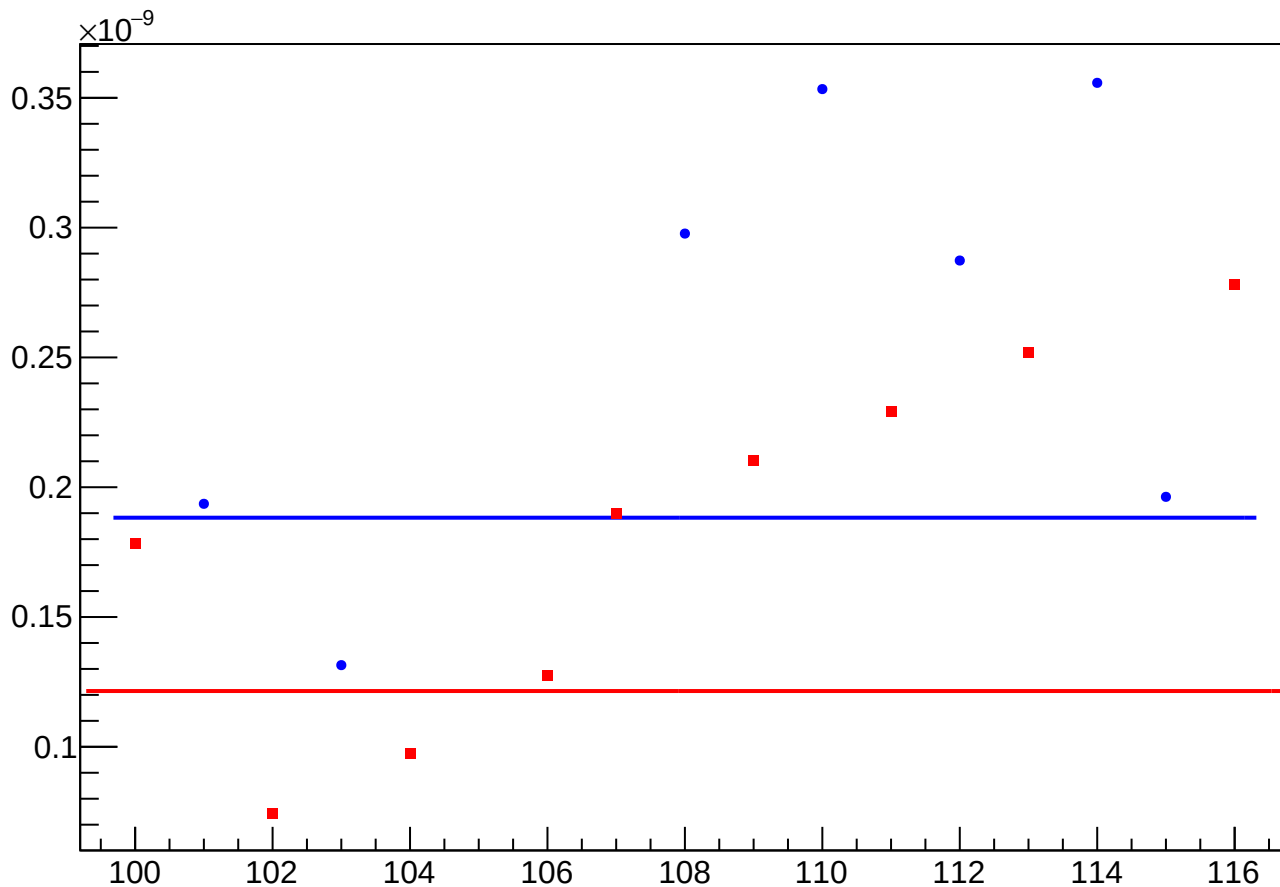
Right: -0.000+/-0.000 χ^2/NDF : 11.7/15

In: -0.000+/-0.000 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.7/15

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 487431.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 805298.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

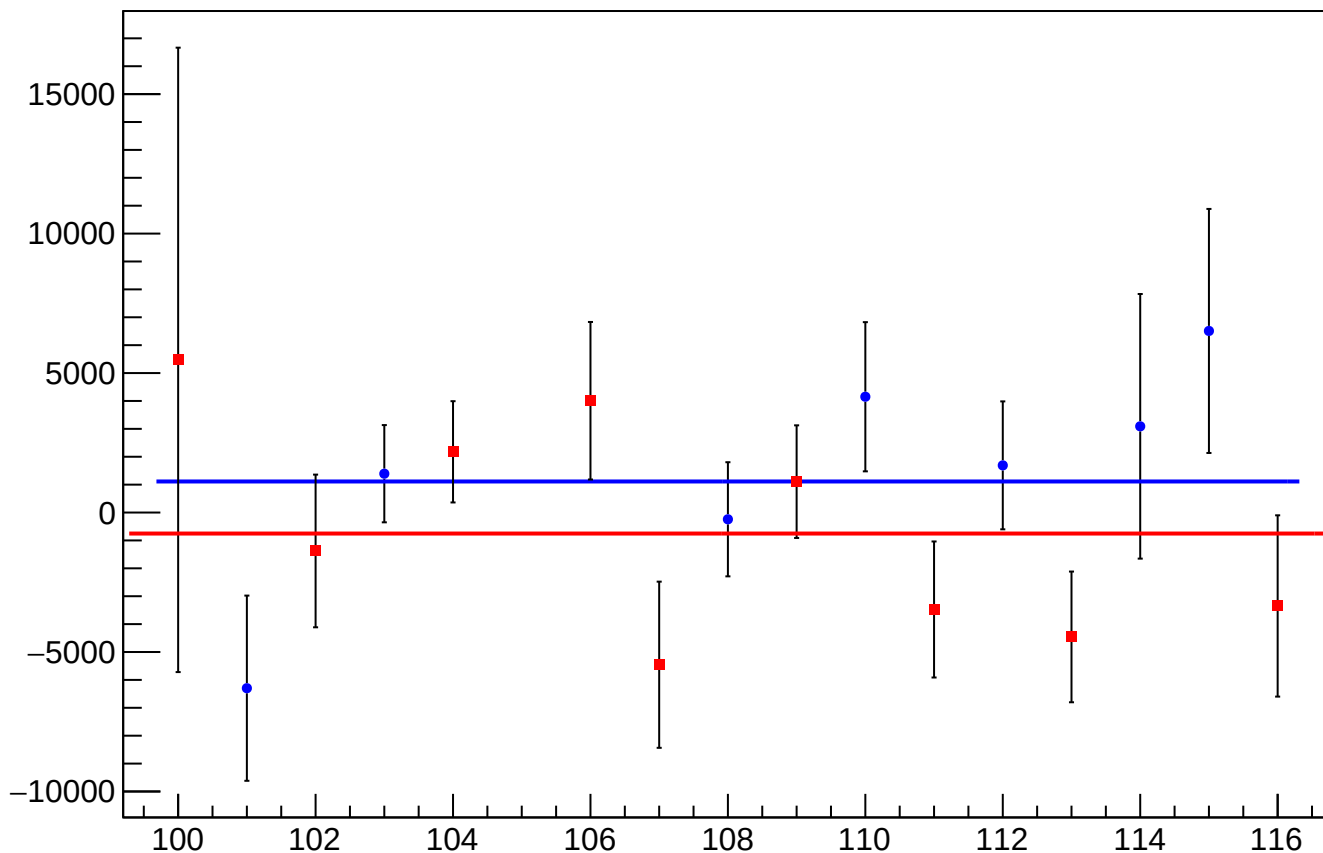
Right: 0.000+/-0.000 χ^2/NDF : 1599830.6/15

In: 0.000+/-0.000 χ^2/NDF : 487431.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1599830.6/15

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1113.529+/-959.817 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -752.935+/-853.284 χ^2/NDF : 13.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

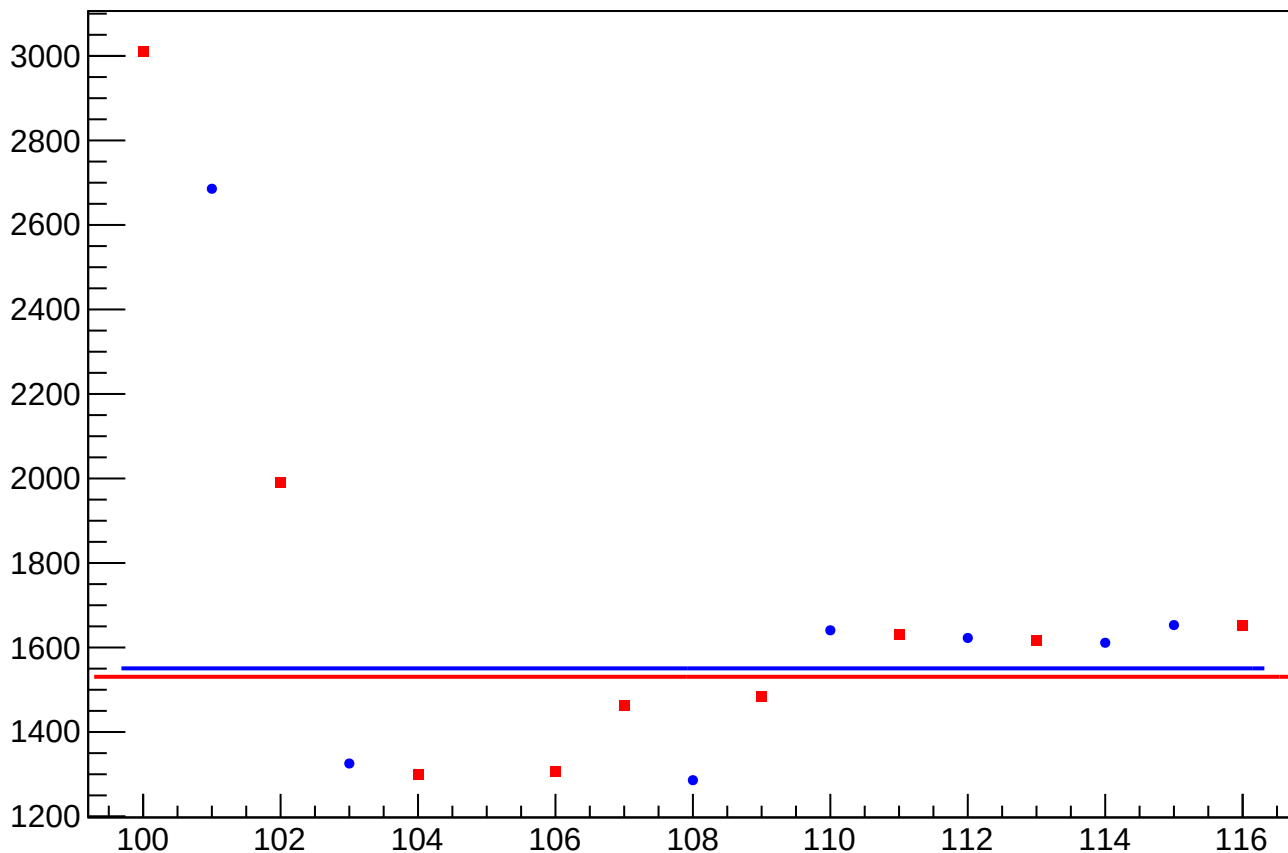
Right: 71.006+/-637.715 χ^2/NDF : 24.1/15

In: 1113.529+/-959.817 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.006+/-637.715 χ^2/NDF : 24.1/15

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1550.626+/-0.679 χ^2/NDF : 306272.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.677+/-0.603 χ^2/NDF : 146937.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

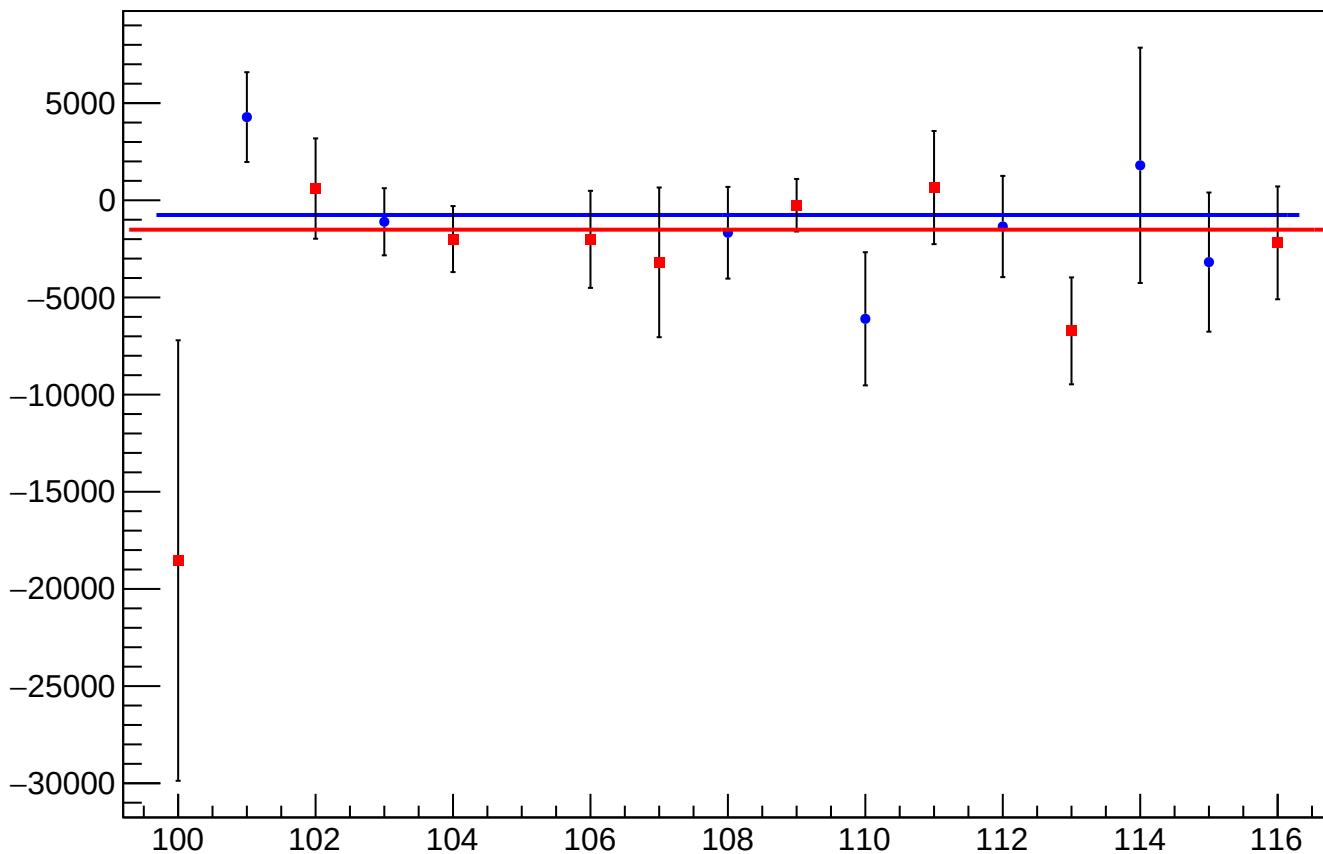
Right: 1539.483+/-0.451 χ^2/NDF : 453692.6/15

In: 1550.626+/-0.679 χ^2/NDF : 306272.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1539.483+/-0.451 χ^2/NDF : 453692.6/15

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -756.370+/-980.746 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1512.411+/-779.012 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

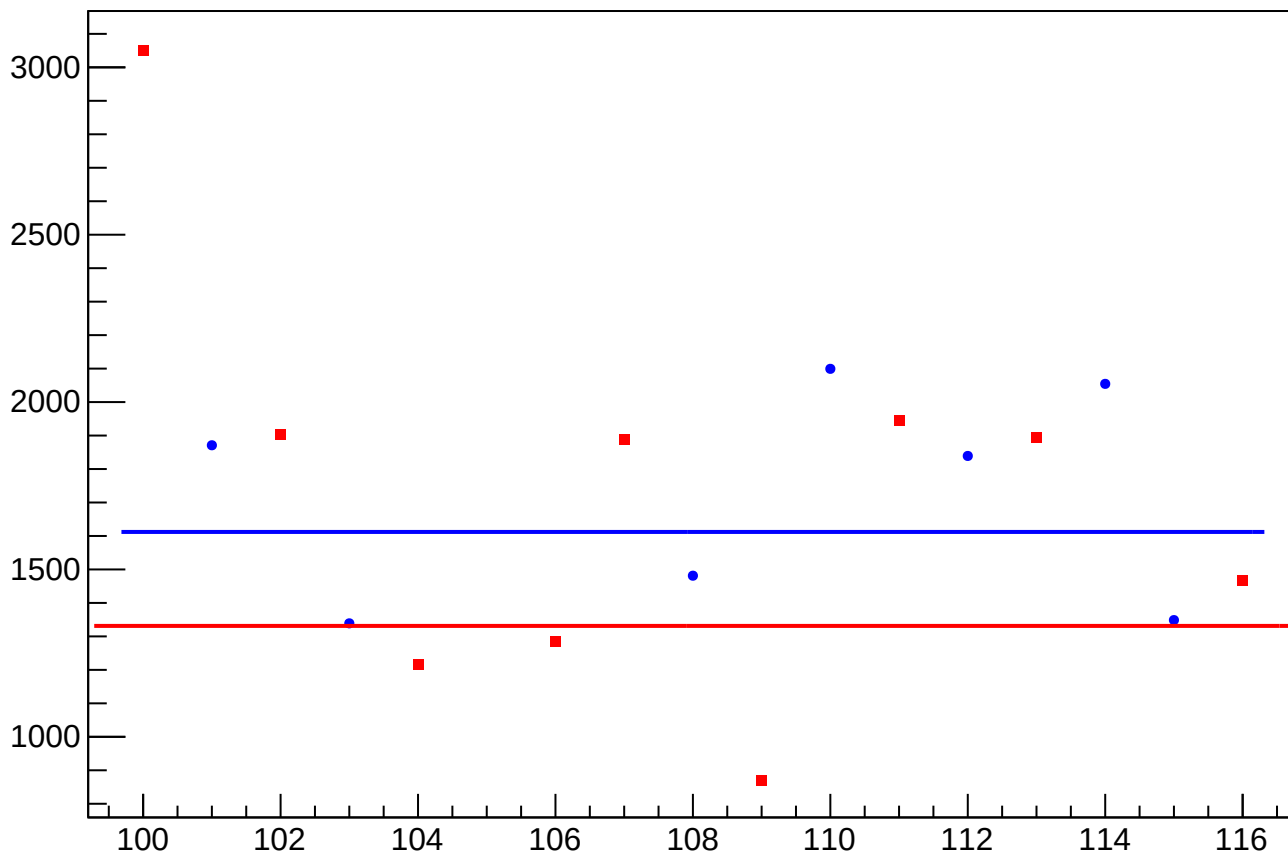
Right: -1219.937+/-609.997 χ^2/NDF : 16.7/15

In: -756.370+/-980.746 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1219.937+/-609.997 χ^2/NDF : 16.7/15

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1612.052+/-0.693 χ^2/NDF : 158344.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.332+/-0.551 χ^2/NDF : 606194.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

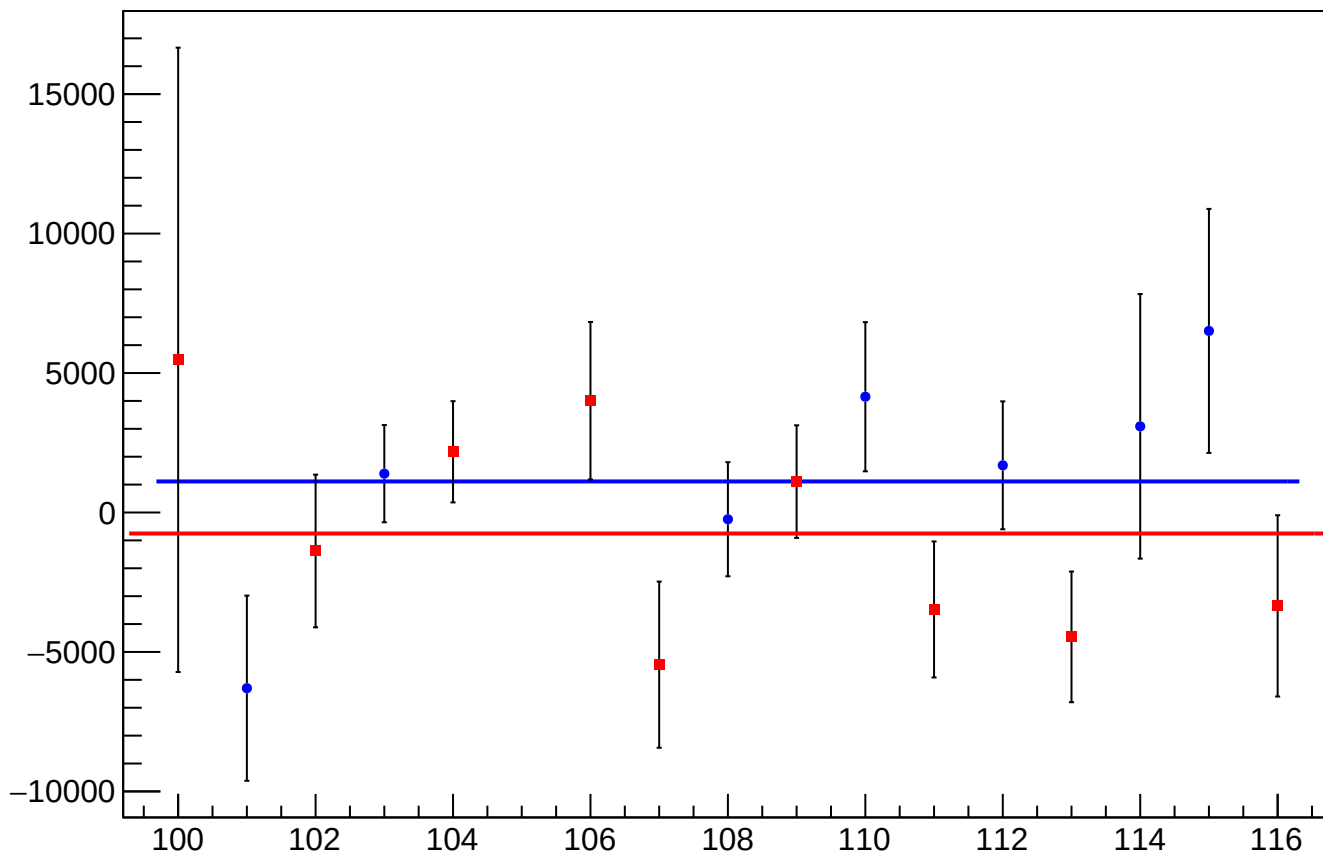
Right: 1439.928+/-0.431 χ^2/NDF : 865008.0/15

In: 1612.052+/-0.693 χ^2/NDF : 158344.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.928+/-0.431 χ^2/NDF : 865008.0/15

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1113.218+/-959.817 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -753.401+/-853.285 χ^2/NDF : 13.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

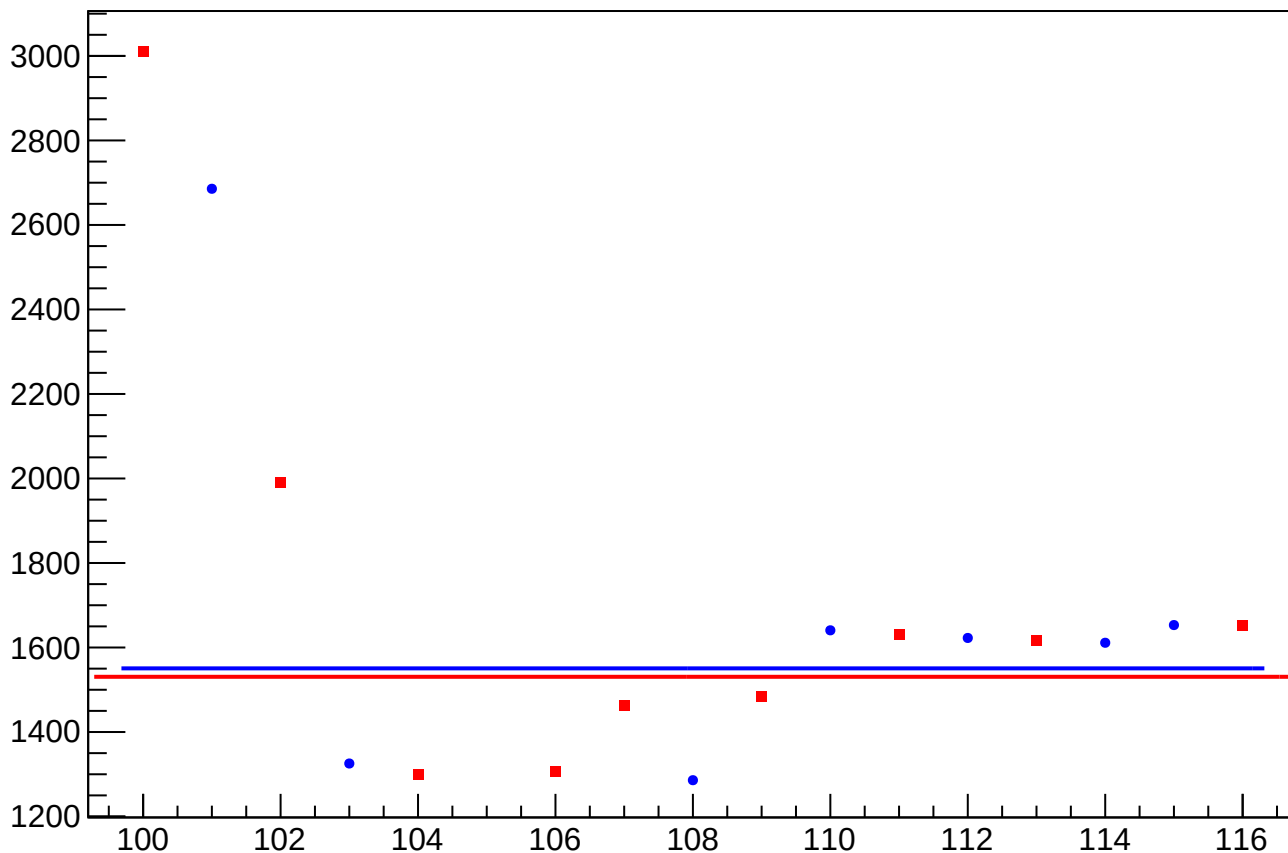
Right: 70.609+/-637.715 χ^2/NDF : 24.2/15

In: 1113.218+/-959.817 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.609+/-637.715 χ^2/NDF : 24.2/15

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1550.625+/-0.679 χ^2/NDF : 306272.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.677+/-0.603 χ^2/NDF : 146937.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

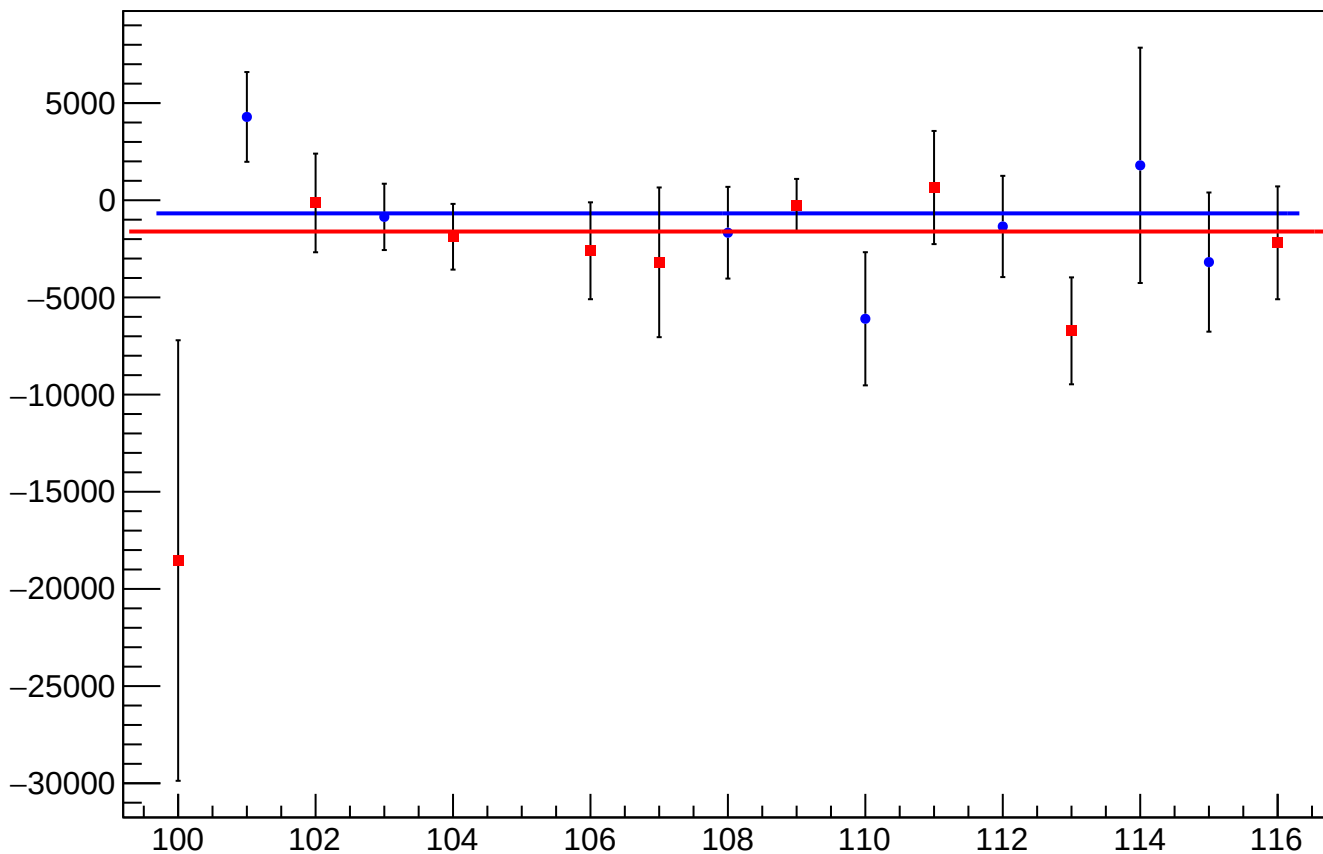
Right: 1539.483+/-0.451 χ^2/NDF : 453692.5/15

In: 1550.625+/-0.679 χ^2/NDF : 306272.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1539.483+/-0.451 χ^2/NDF : 453692.5/15

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -675.572+/-976.756 χ^2/NDF : 8.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1609.237+/-776.910 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

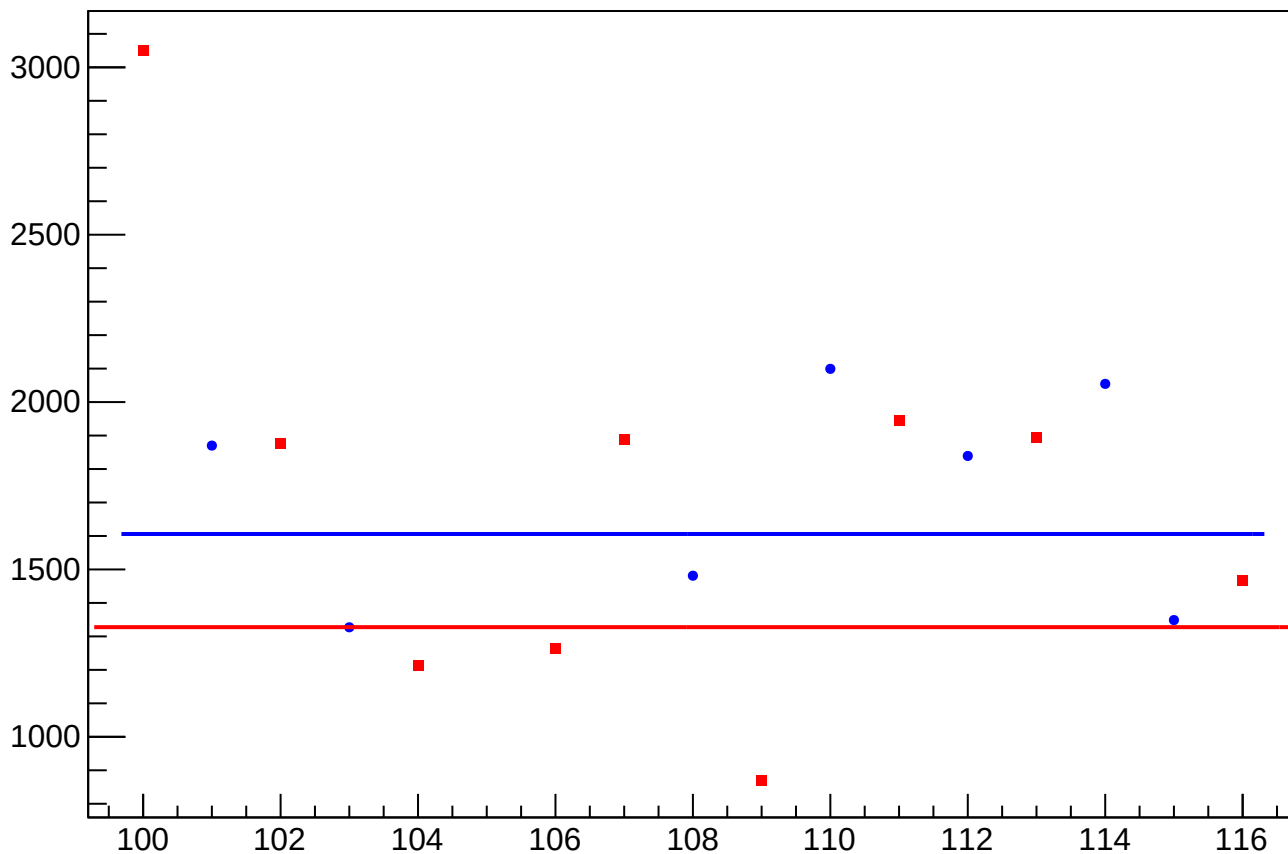
Right: -1247.440+/-608.028 χ^2/NDF : 16.6/15

In: -675.572+/-976.756 χ^2/NDF : 8.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.440+/-608.028 χ^2/NDF : 16.6/15

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1605.896 $\pm$ 0.691 χ^2 /NDF: 163855.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1327.621 $\pm$ 0.549 χ^2 /NDF: 600658.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

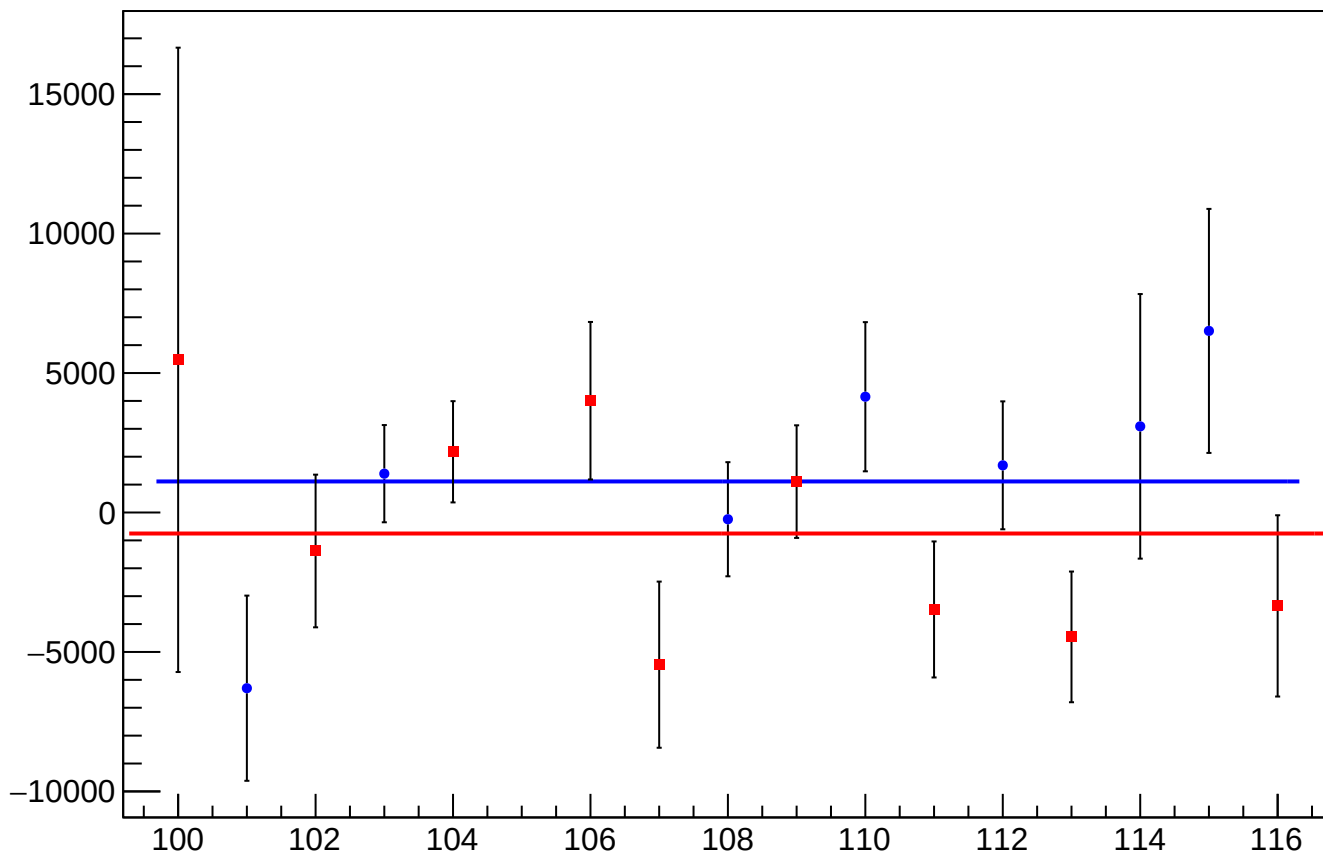
Right: 1435.453 $\pm$ 0.430 χ^2 /NDF: 863941.9/15

In: 1605.896 $\pm$ 0.691 χ^2 /NDF:163855.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1435.453 $\pm$ 0.430 χ^2 /NDF: 863941.9/15

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1113.218+/-959.817 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -753.401+/-853.285 χ^2/NDF : 13.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

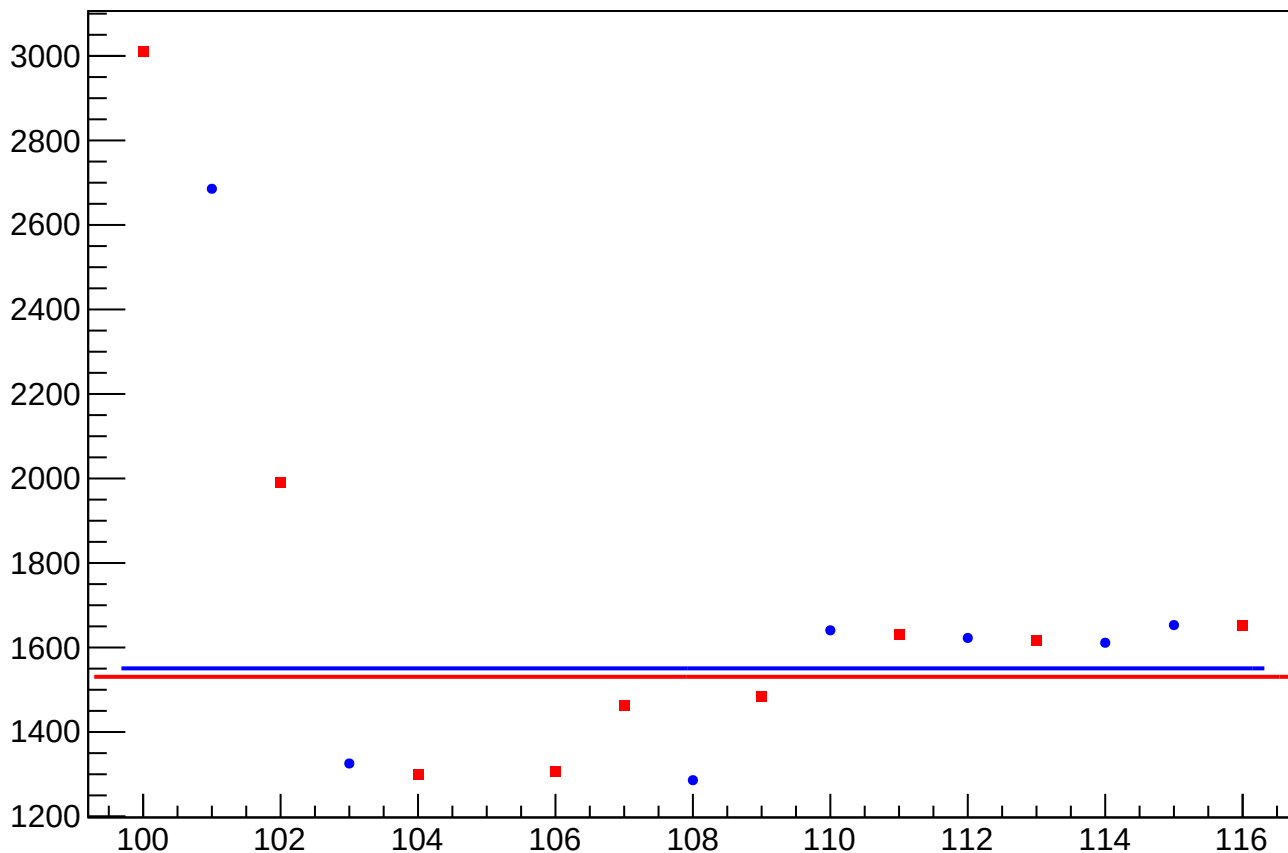
Right: 70.609+/-637.715 χ^2/NDF : 24.2/15

In: 1113.218+/-959.817 χ^2/NDF :8.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 70.609+/-637.715 χ^2/NDF : 24.2/15

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1550.625+/-0.679 χ^2/NDF : 306272.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.677+/-0.603 χ^2/NDF : 146937.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

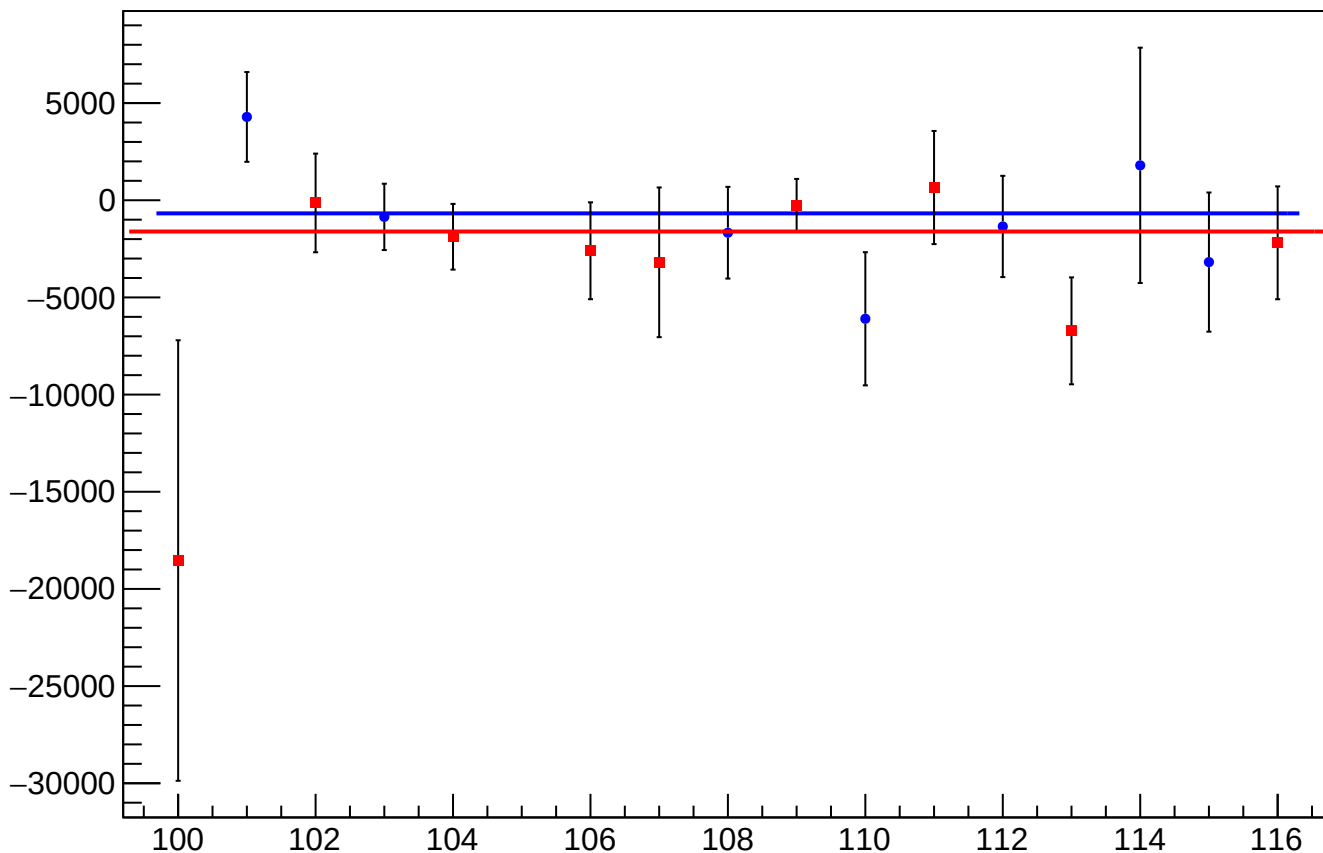
Right: 1539.483+/-0.451 χ^2/NDF : 453692.5/15

In: 1550.625+/-0.679 χ^2/NDF : 306272.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1539.483+/-0.451 χ^2/NDF : 453692.5/15

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -675.572+/-976.756 χ^2/NDF : 8.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1609.237+/-776.910 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

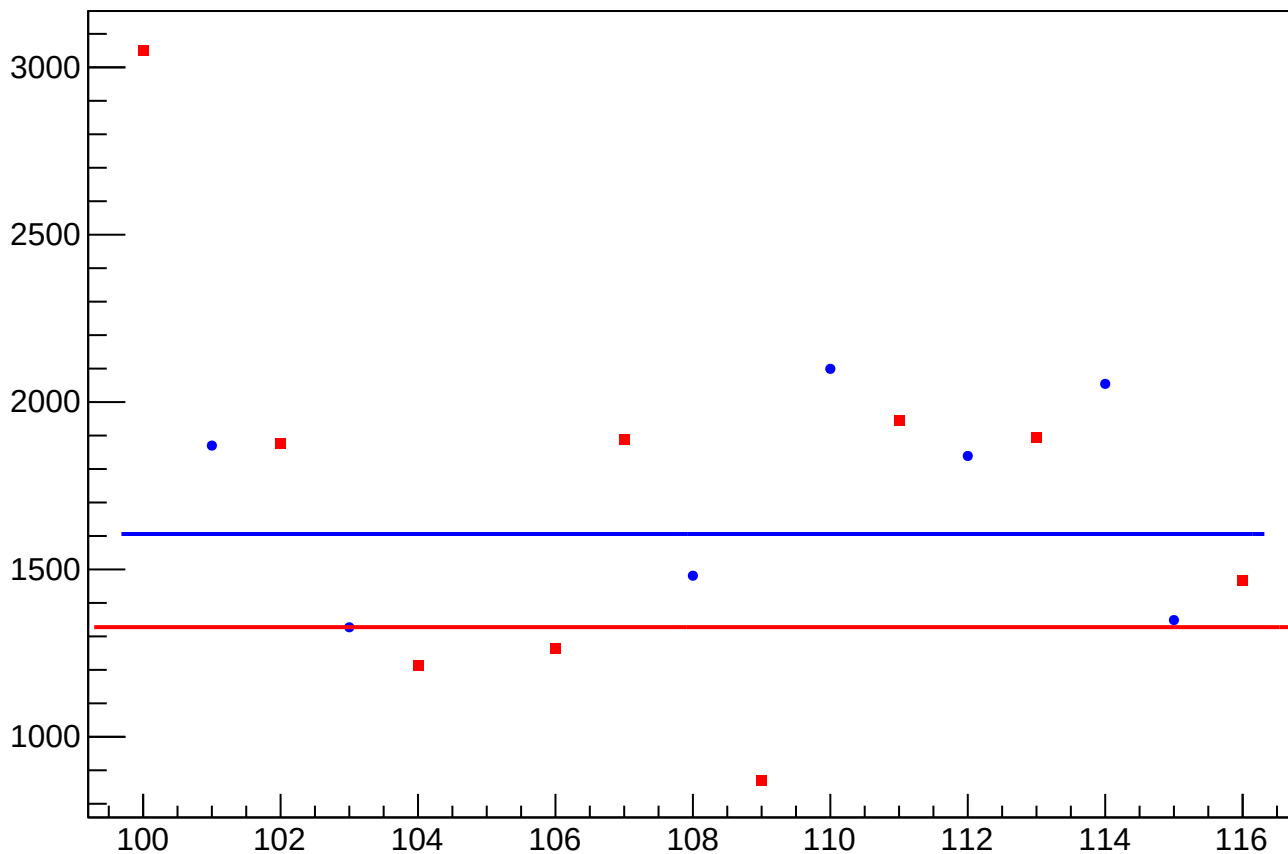
Right: -1247.440+/-608.028 χ^2/NDF : 16.6/15

In: -675.572+/-976.756 χ^2/NDF : 8.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.440+/-608.028 χ^2/NDF : 16.6/15

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1605.896 $\pm$ 0.691 χ^2 /NDF: 163855.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1327.621 $\pm$ 0.549 χ^2 /NDF: 600658.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

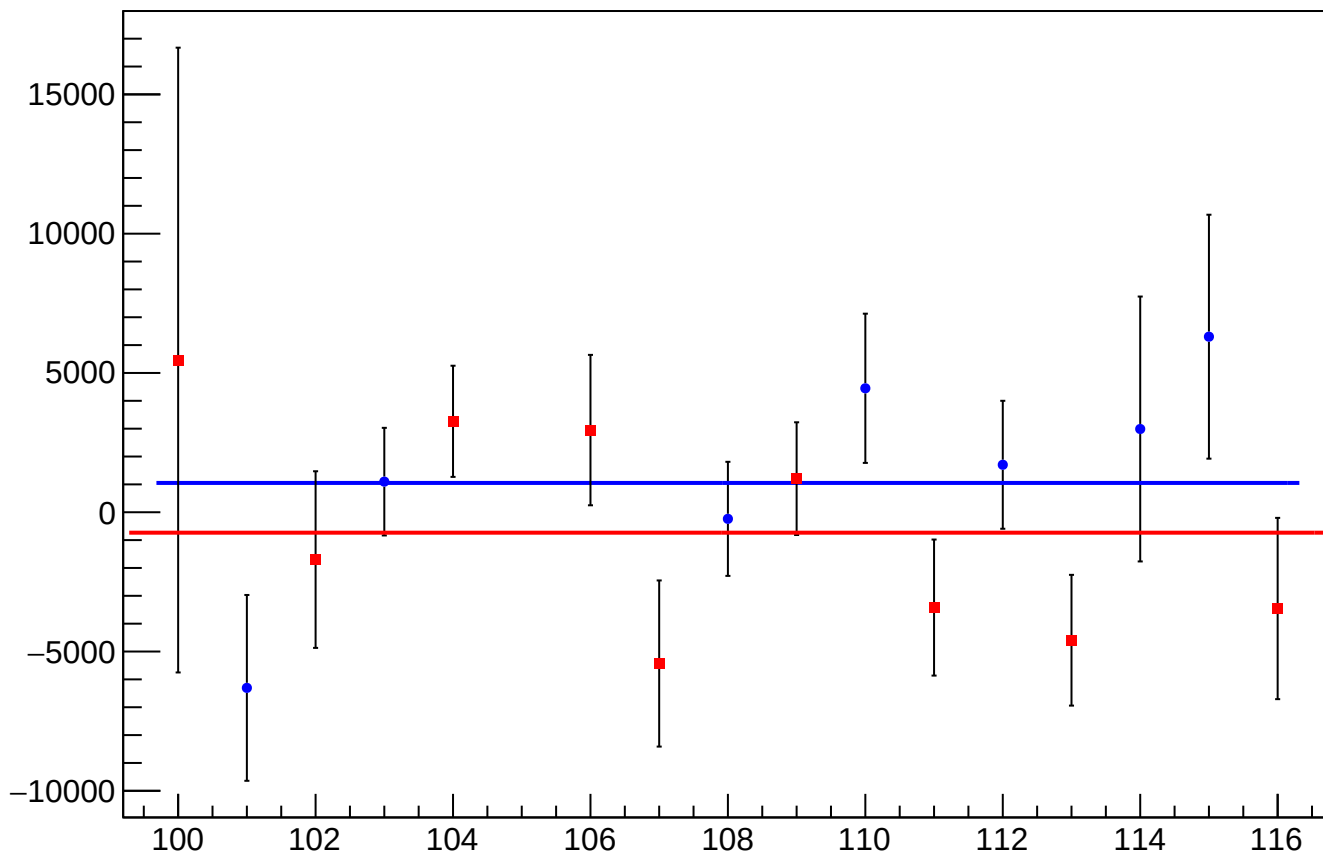
Right: 1435.453 $\pm$ 0.430 χ^2 /NDF: 863941.9/15

In: 1605.896 $\pm$ 0.691 χ^2 /NDF:163855.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1435.453 $\pm$ 0.430 χ^2 /NDF: 863941.9/15

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1052.228+/-989.259 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -733.685+/-878.256 χ^2/NDF : 14.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

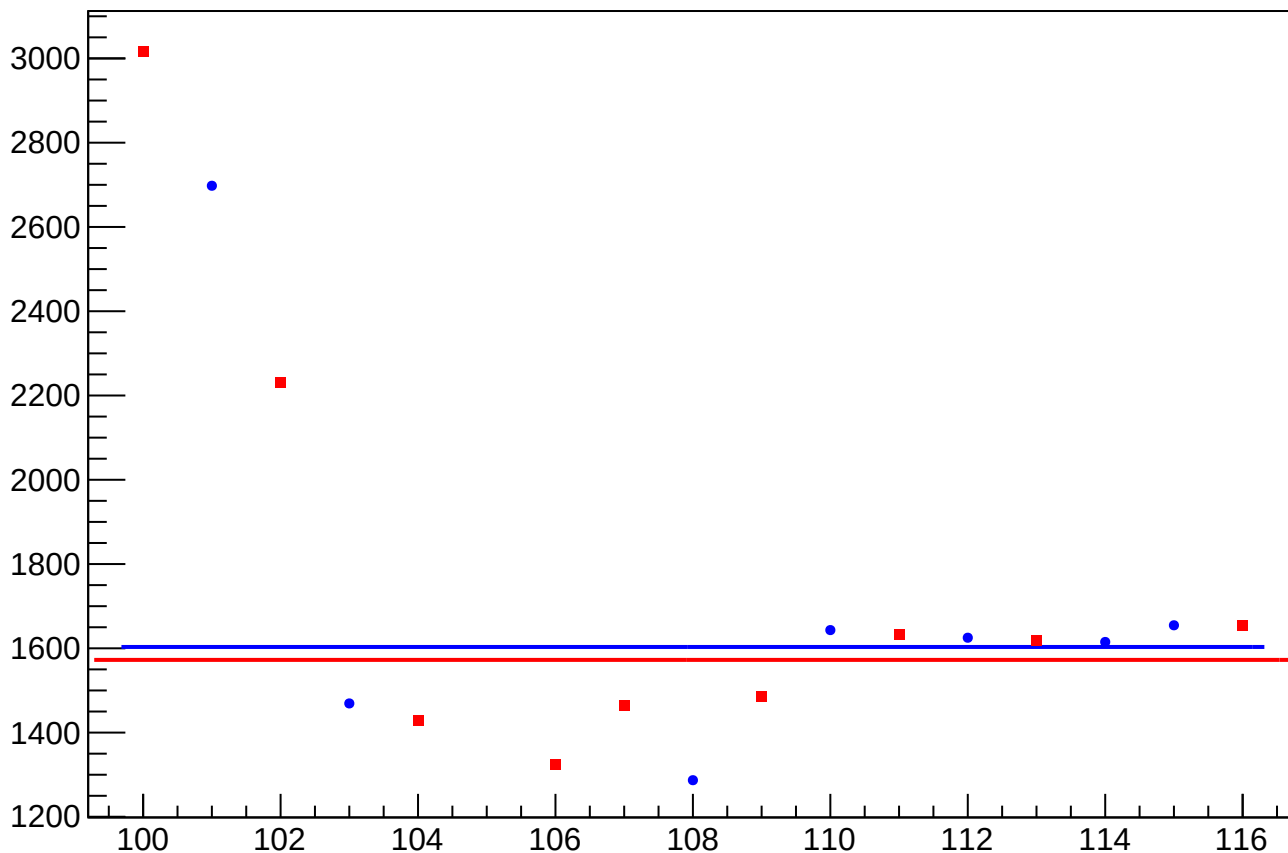
Right: 53.492+/-656.774 χ^2/NDF : 24.7/15

In: 1052.228+/-989.259 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.492+/-656.774 χ^2/NDF : 24.7/15

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1603.226+/-0.700 χ^2/NDF : 273620.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.538+/-0.621 χ^2/NDF : 155741.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

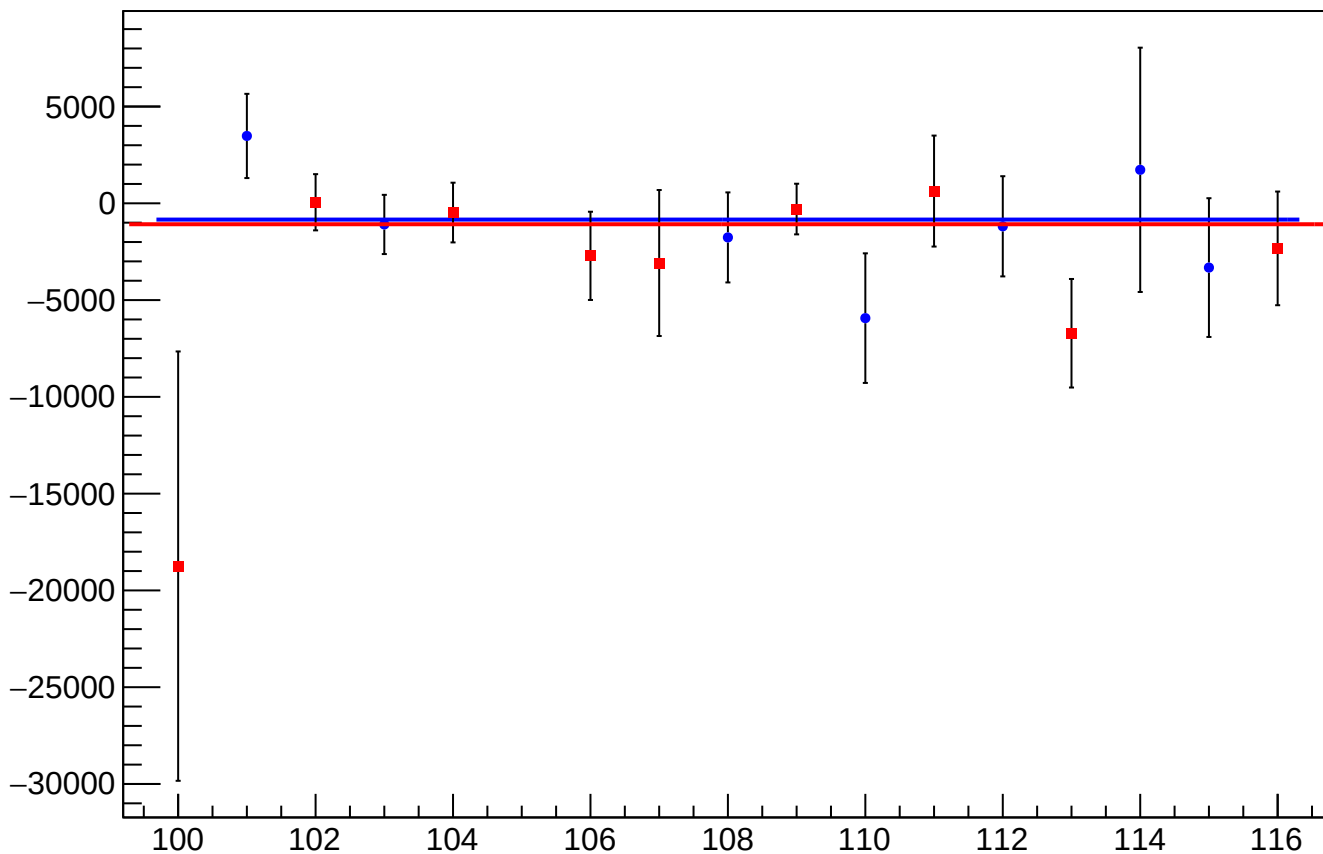
Right: 1586.064+/-0.464 χ^2/NDF : 430438.7/15

In: 1603.226+/-0.700 χ^2/NDF : 273620.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.064+/-0.464 χ^2/NDF : 430438.7/15

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -840.321+/-926.536 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1081.356+/-687.726 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

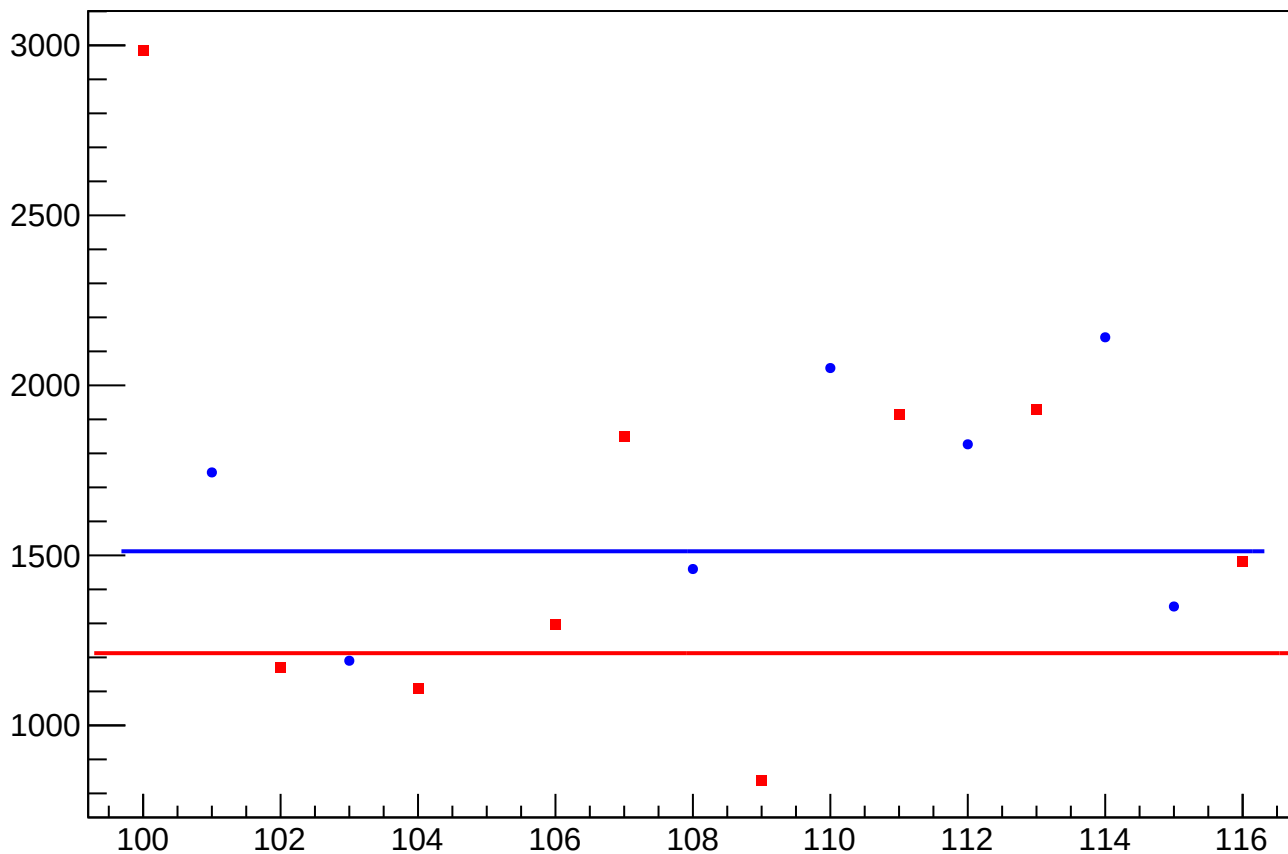
Right: -995.733+/-552.227 χ^2/NDF : 16.2/15

In: -840.321+/-926.536 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -995.733+/-552.227 χ^2/NDF : 16.2/15

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1512.073+/-0.655 χ^2/NDF : 217652.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.399+/-0.486 χ^2/NDF : 553057.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

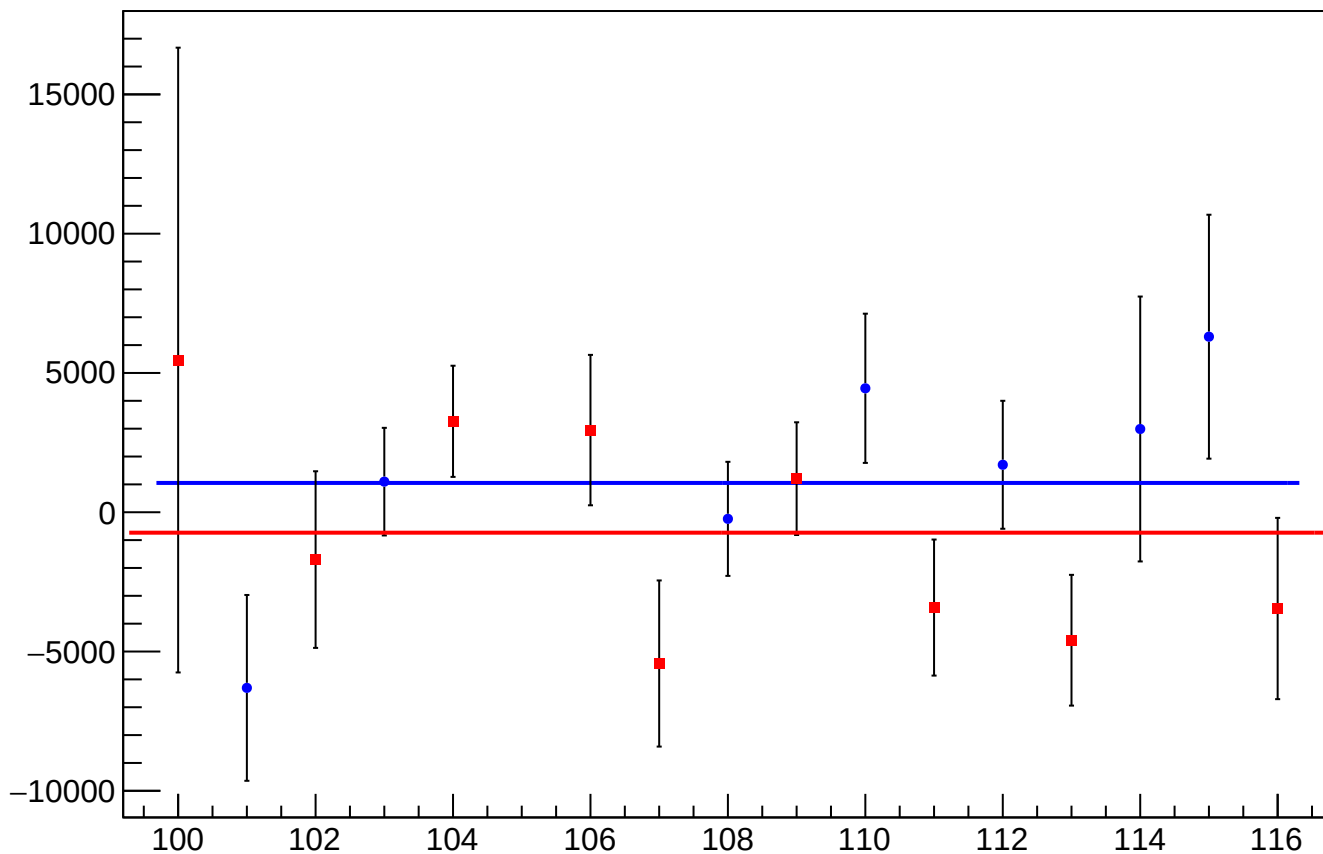
Right: 1318.853+/-0.390 χ^2/NDF : 905609.5/15

In: 1512.073+/-0.655 χ^2/NDF : 217652.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1318.853+/-0.390 χ^2/NDF : 905609.5/15

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1052.219+/-989.259 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -733.686+/-878.256 χ^2/NDF : 14.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

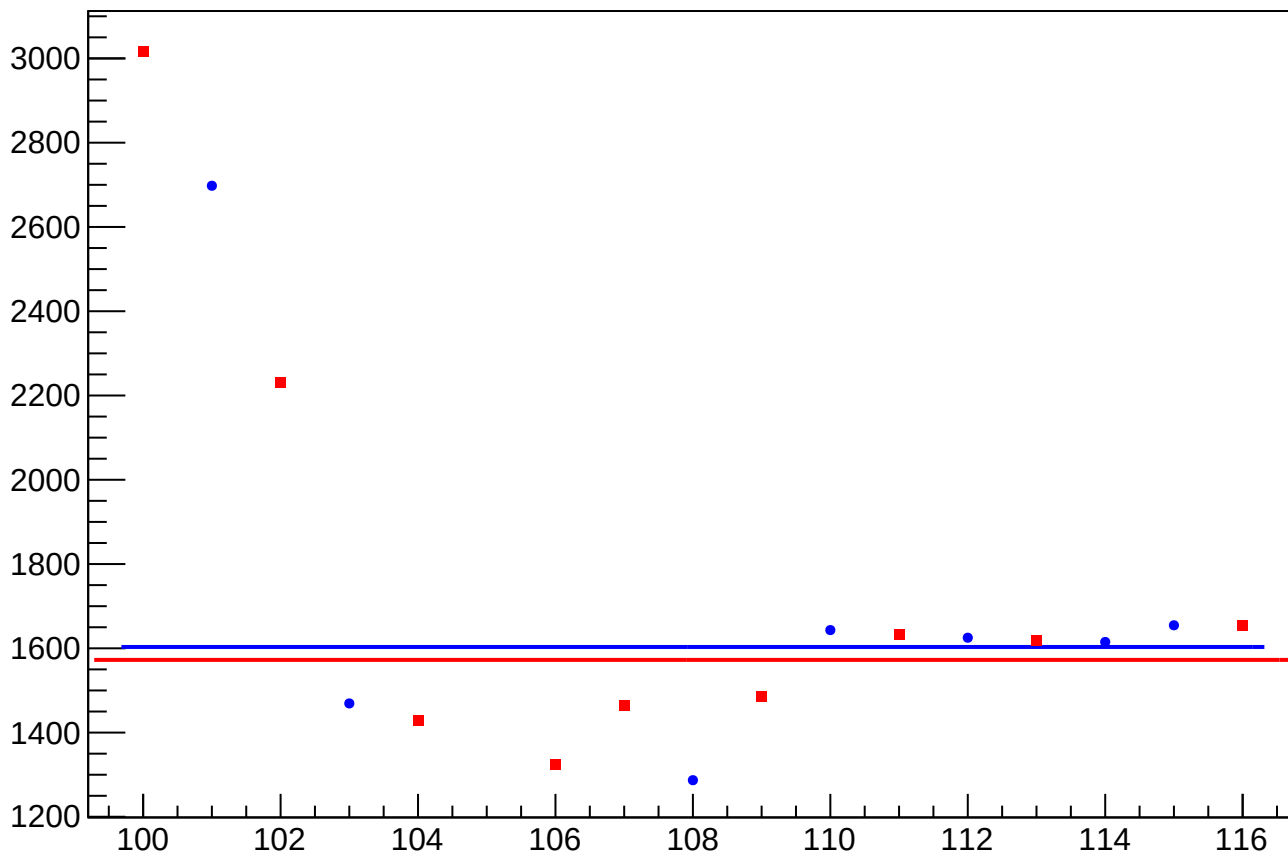
Right: 53.487+/-656.774 χ^2/NDF : 24.7/15

In: 1052.219+/-989.259 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.487+/-656.774 χ^2/NDF : 24.7/15

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1603.226+/-0.700 χ^2/NDF : 273620.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.538+/-0.621 χ^2/NDF : 155741.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

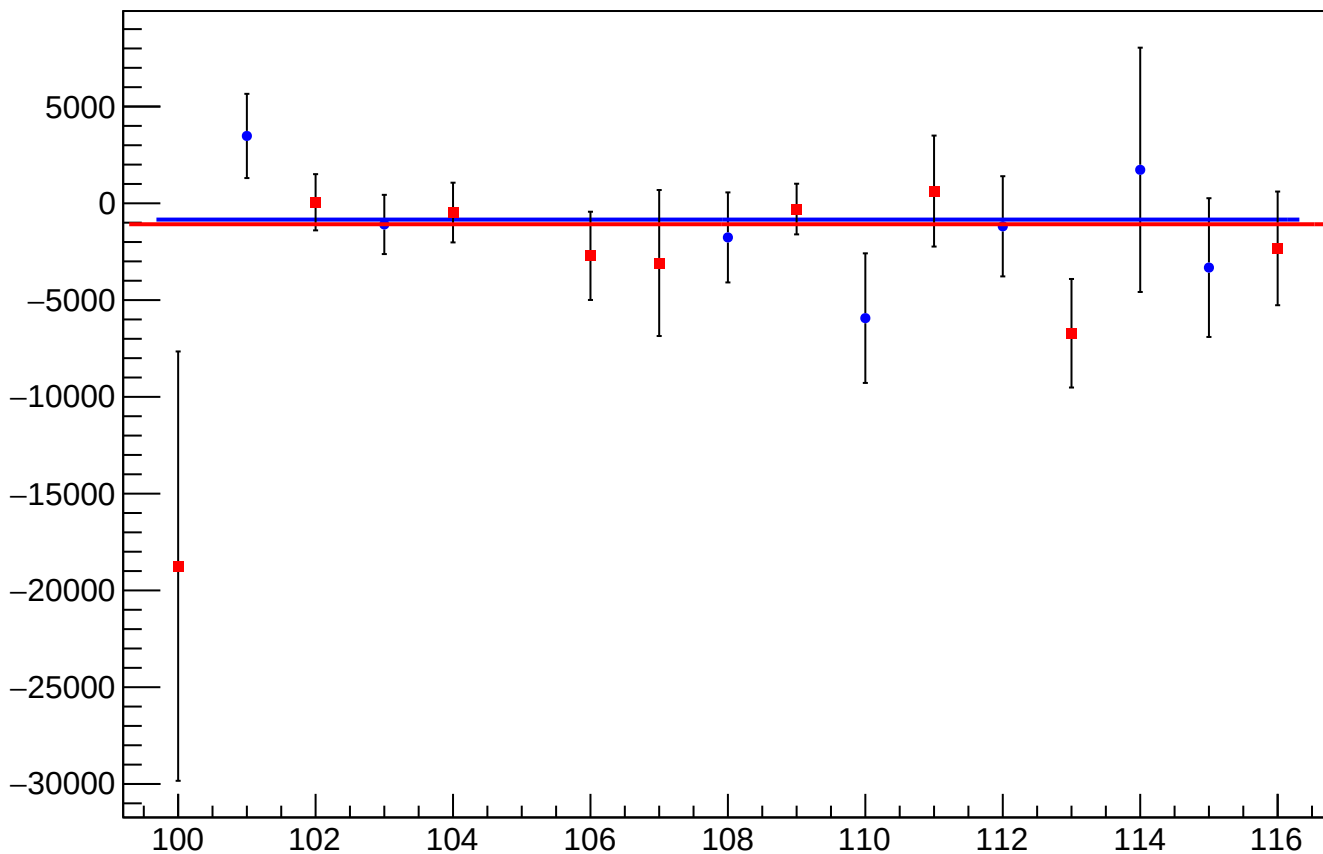
Right: 1586.064+/-0.464 χ^2/NDF : 430438.5/15

In: 1603.226+/-0.700 χ^2/NDF : 273620.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.064+/-0.464 χ^2/NDF : 430438.5/15

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -840.320+/-926.534 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1081.360+/-687.728 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

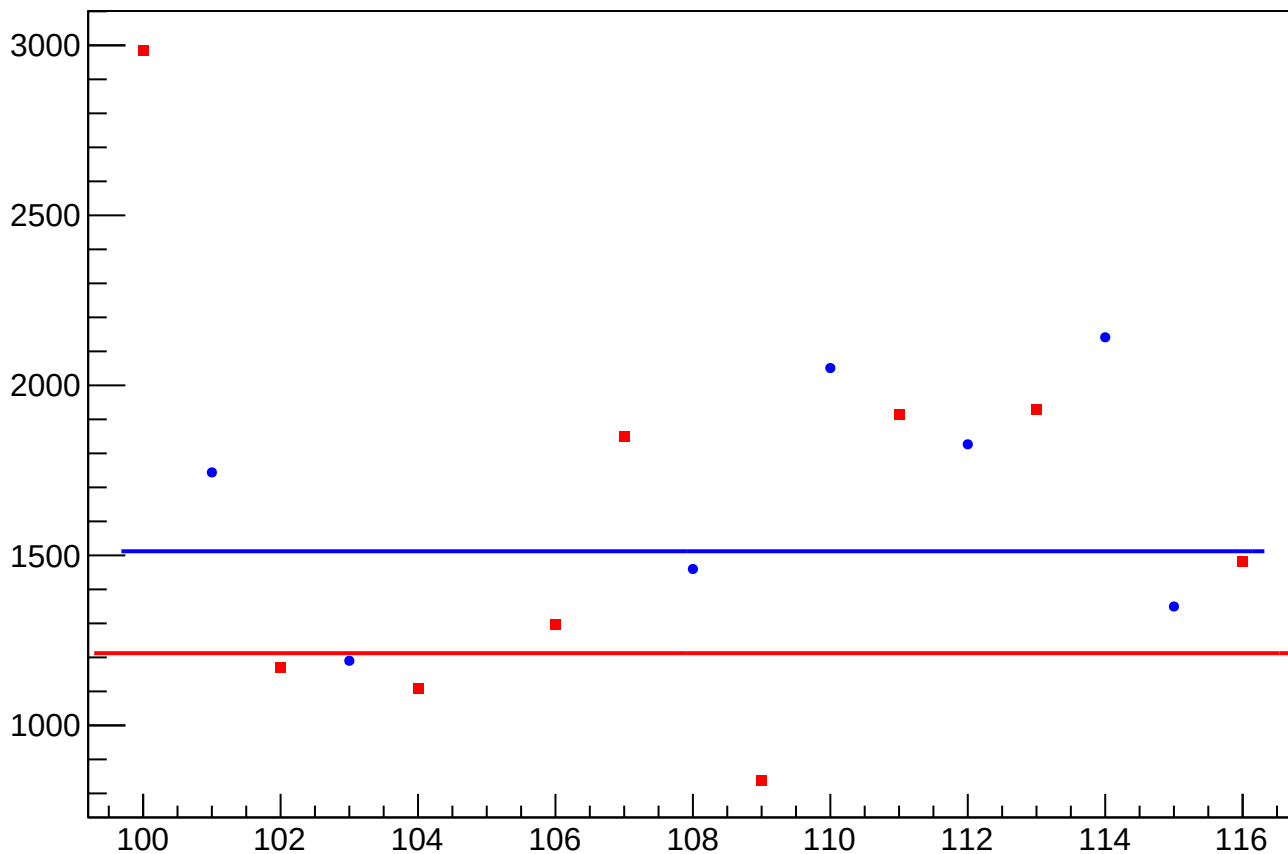
Right: -995.735+/-552.228 χ^2/NDF : 16.2/15

In: -840.320+/-926.534 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -995.735+/-552.228 χ^2/NDF : 16.2/15

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1512.072 $\pm$ 0.655 χ^2 /NDF: 217648.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1212.405 $\pm$ 0.486 χ^2 /NDF: 553042.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

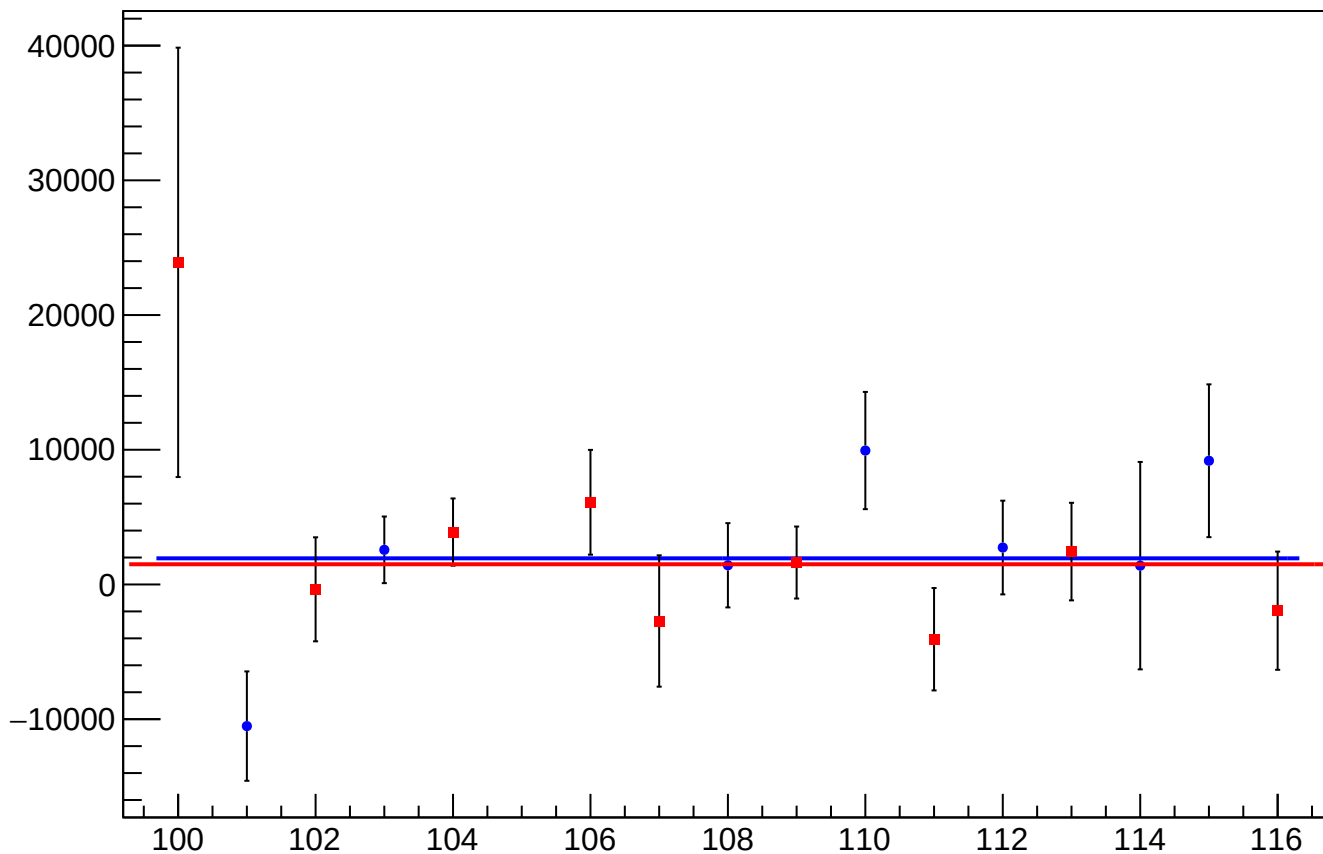
Right: 1318.857 $\pm$ 0.390 χ^2 /NDF: 905584.0/15

In: 1512.072 $\pm$ 0.655 χ^2 /NDF:217648.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1318.857 $\pm$ 0.390 χ^2 /NDF: 905584.0/15

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1939.641 $\pm$ 1400.537 χ^2 /NDF: 14.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1499.973 $\pm$ 1215.054 χ^2 /NDF: 8.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

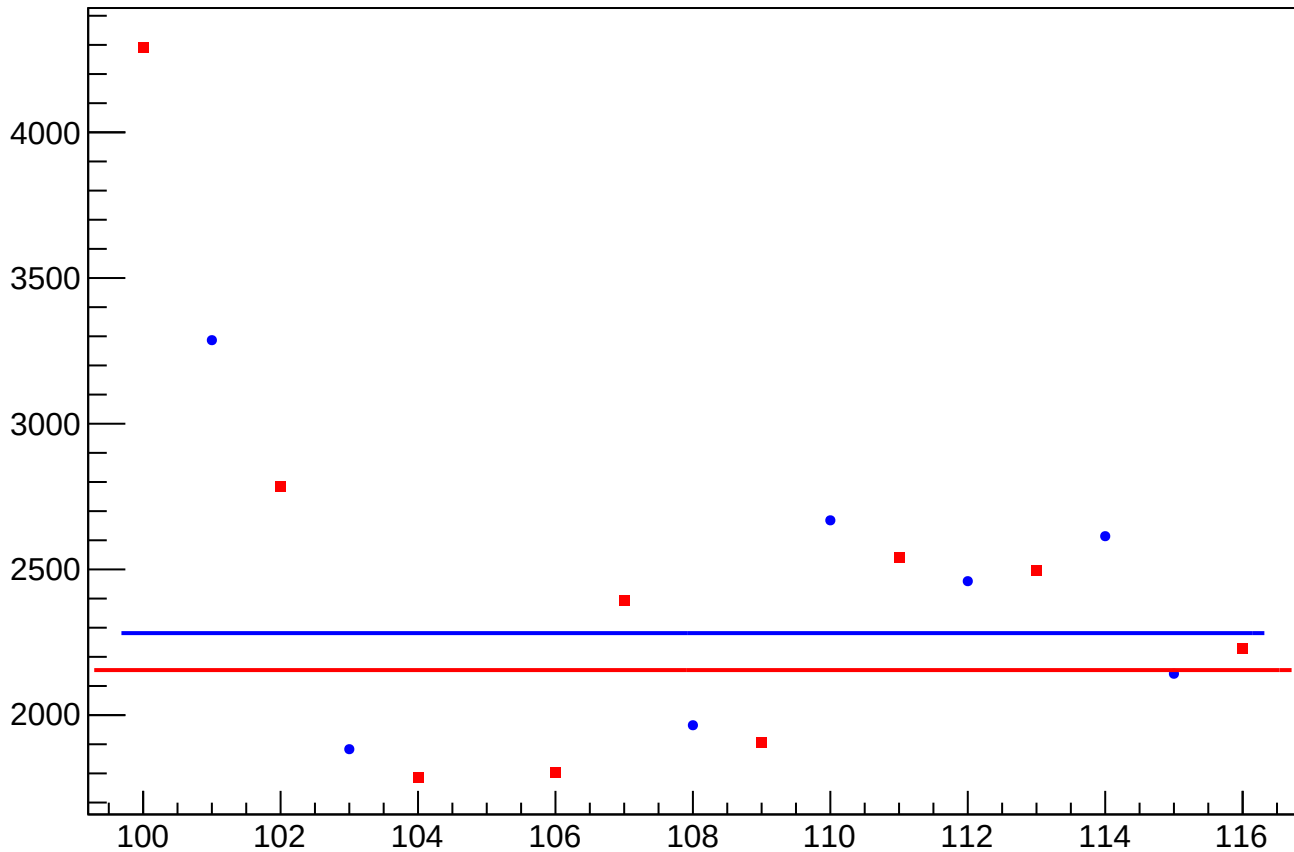
Right: 1688.784 $\pm$ 917.796 χ^2 /NDF: 22.7/15

In: 1939.641 $\pm$ 1400.537 χ^2 /NDF:14.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1688.784 $\pm$ 917.796 χ^2 /NDF: 22.7/15

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2281.412 $\pm$ 0.990 χ^2 /NDF: 220956.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2154.566 $\pm$ 0.859 χ^2 /NDF: 209962.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

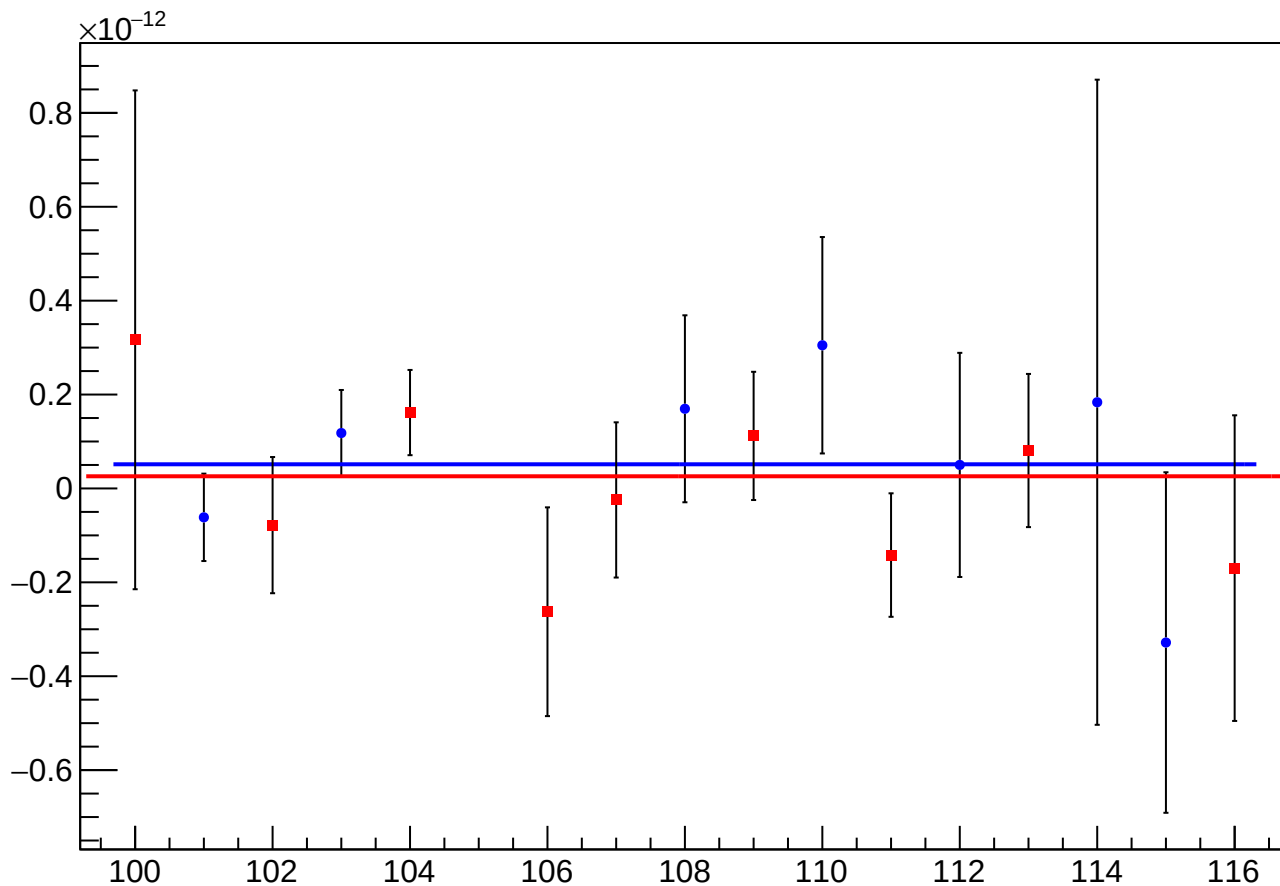
Right: 2209.038 $\pm$ 0.649 χ^2 /NDF: 440278.9/15

In: 2281.412 $\pm$ 0.990 χ^2 /NDF:220956.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2209.038 $\pm$ 0.649 χ^2 /NDF: 440278.9/15

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

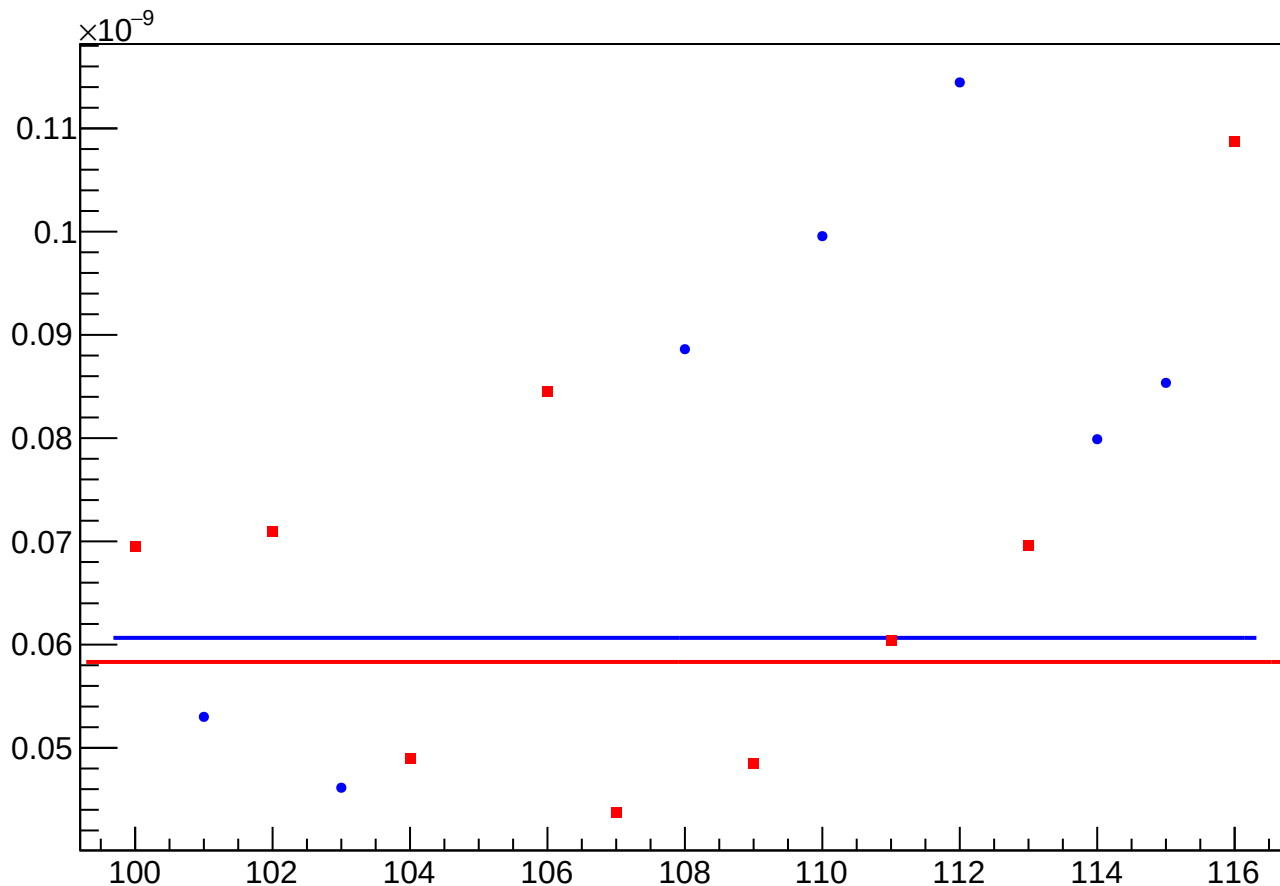
Right: 0.000+/-0.000 χ^2/NDF : 12.1/15

In: 0.000+/-0.000 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.1/15

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 272456.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148887.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

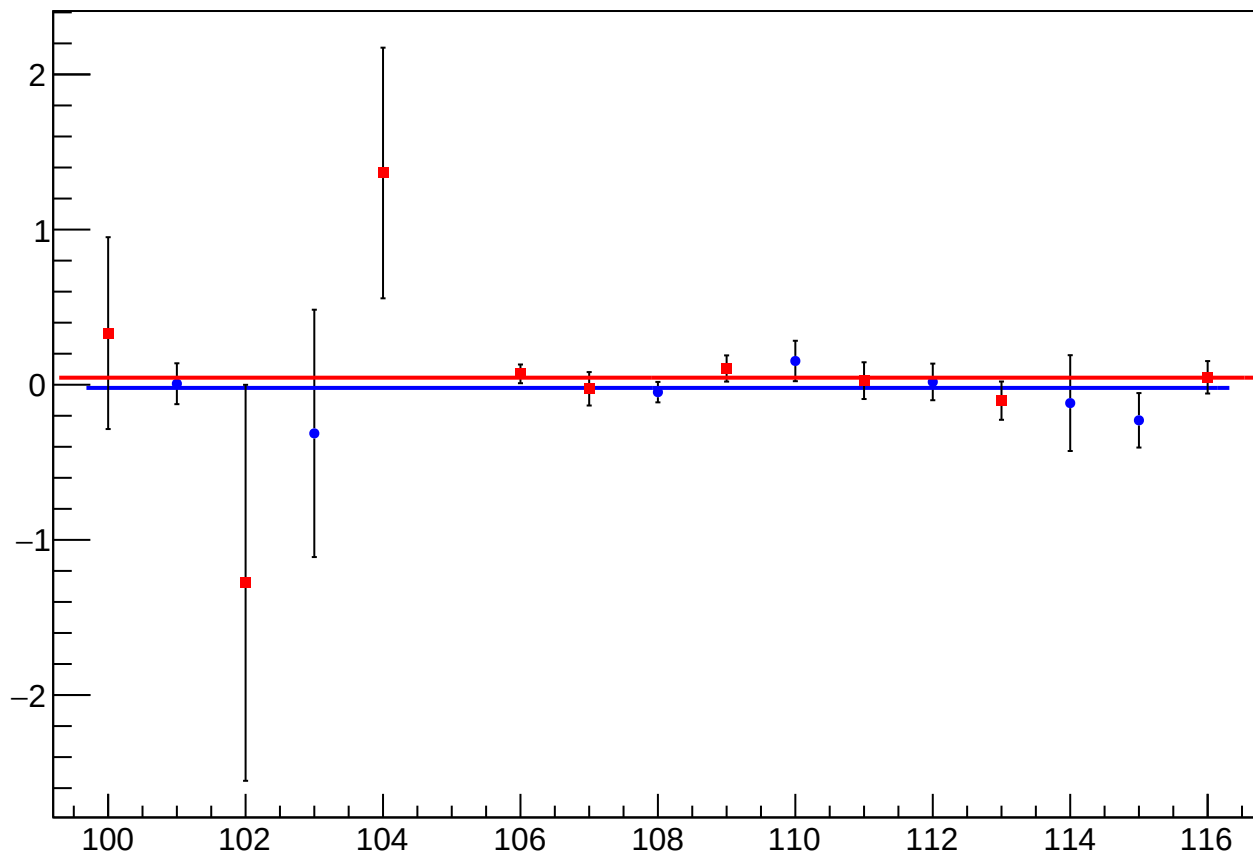
Right: 0.000+/-0.000 χ^2/NDF : 423205.8/15

In: 0.000+/-0.000 χ^2/NDF : 272456.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 423205.8/15

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.046 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.037 χ^2 /NDF: 6.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

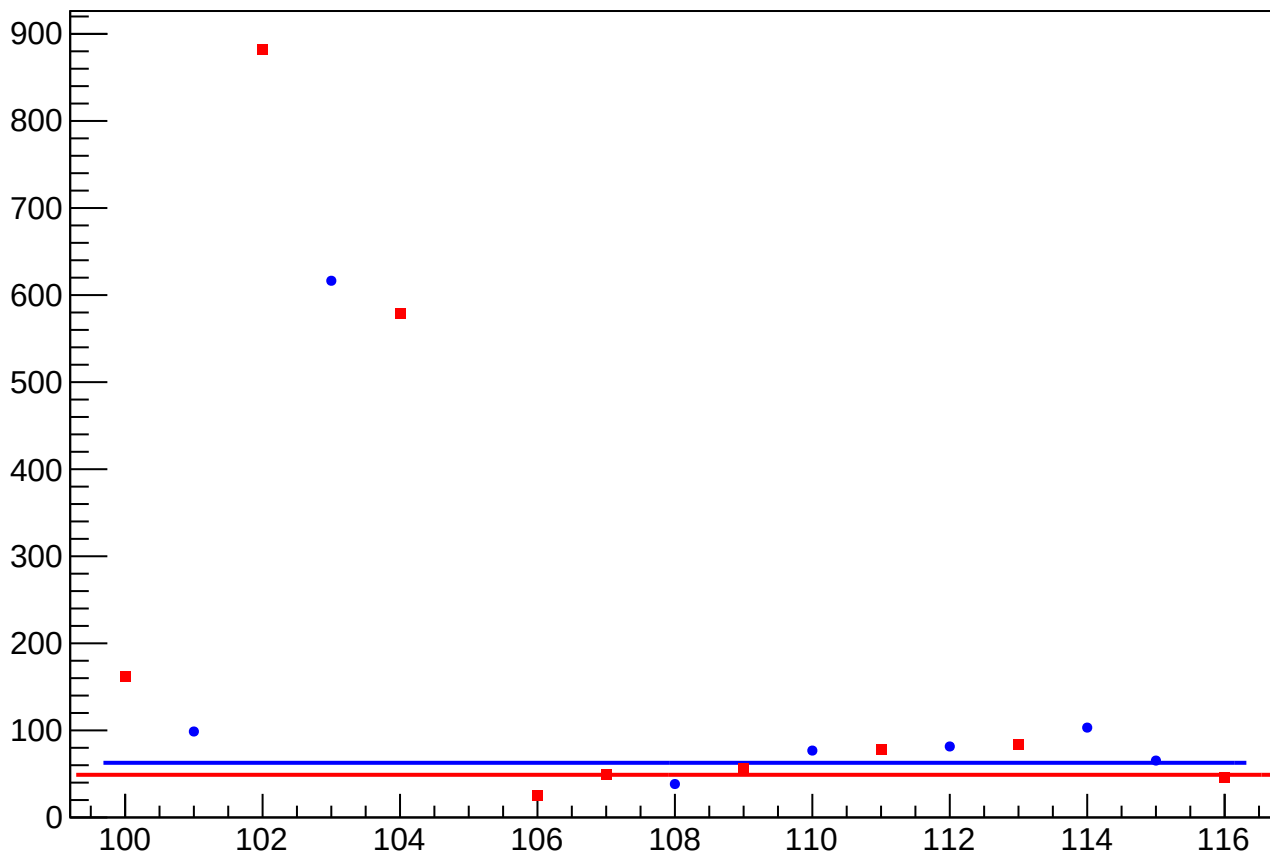
Right: 0.020 $\pm$ 0.029 χ^2 /NDF: 11.5/15

In: -0.020 $\pm$ 0.046 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.029 χ^2 /NDF: 11.5/15

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.775+/-0.033 χ^2/NDF : 1496663.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.985+/-0.026 χ^2/NDF : 2387052.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

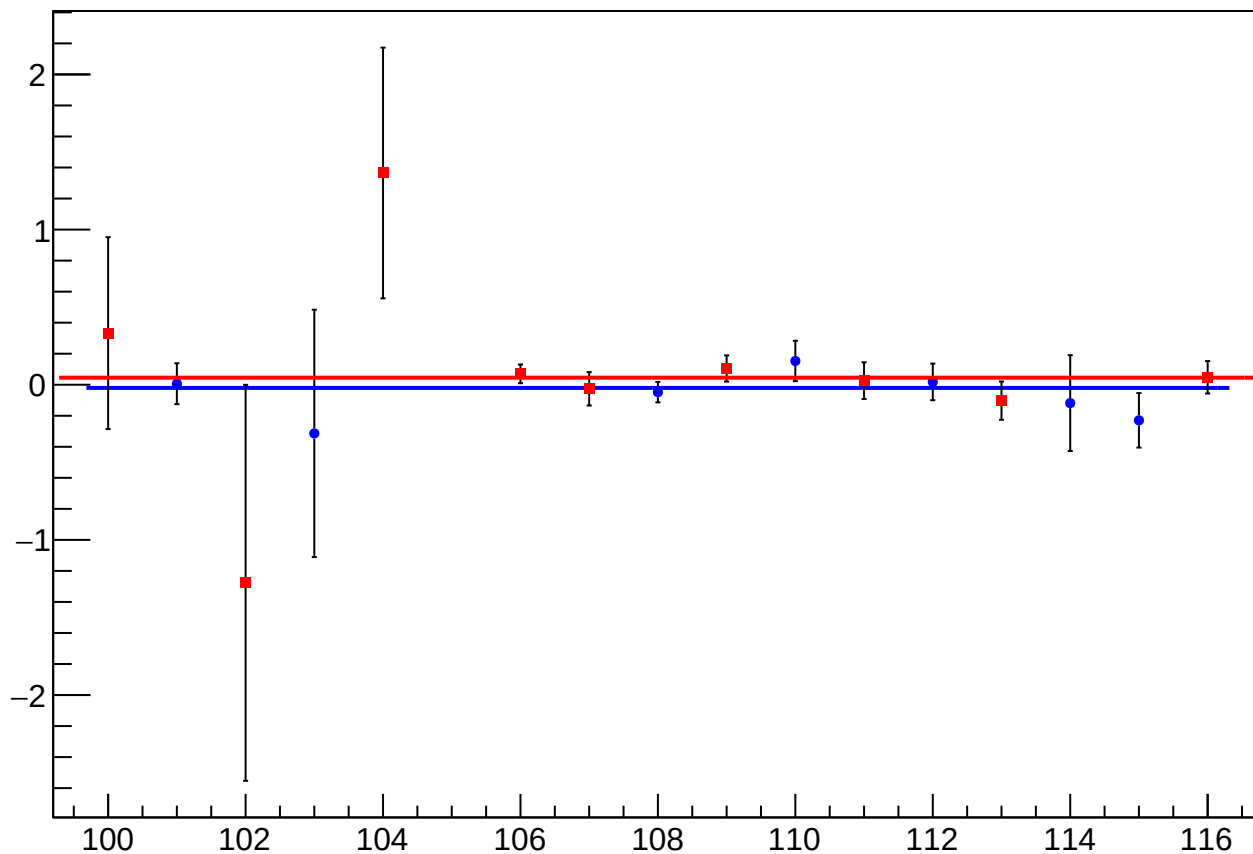
Right: 54.322+/-0.020 χ^2/NDF : 3991838.6/15

In: 62.775+/-0.033 χ^2/NDF : 1496663.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.322+/-0.020 χ^2/NDF : 3991838.6/15

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020±/-0.046 χ^2 /NDF: 3.7/6

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.045±/-0.037 χ^2 /NDF: 6.5/8

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

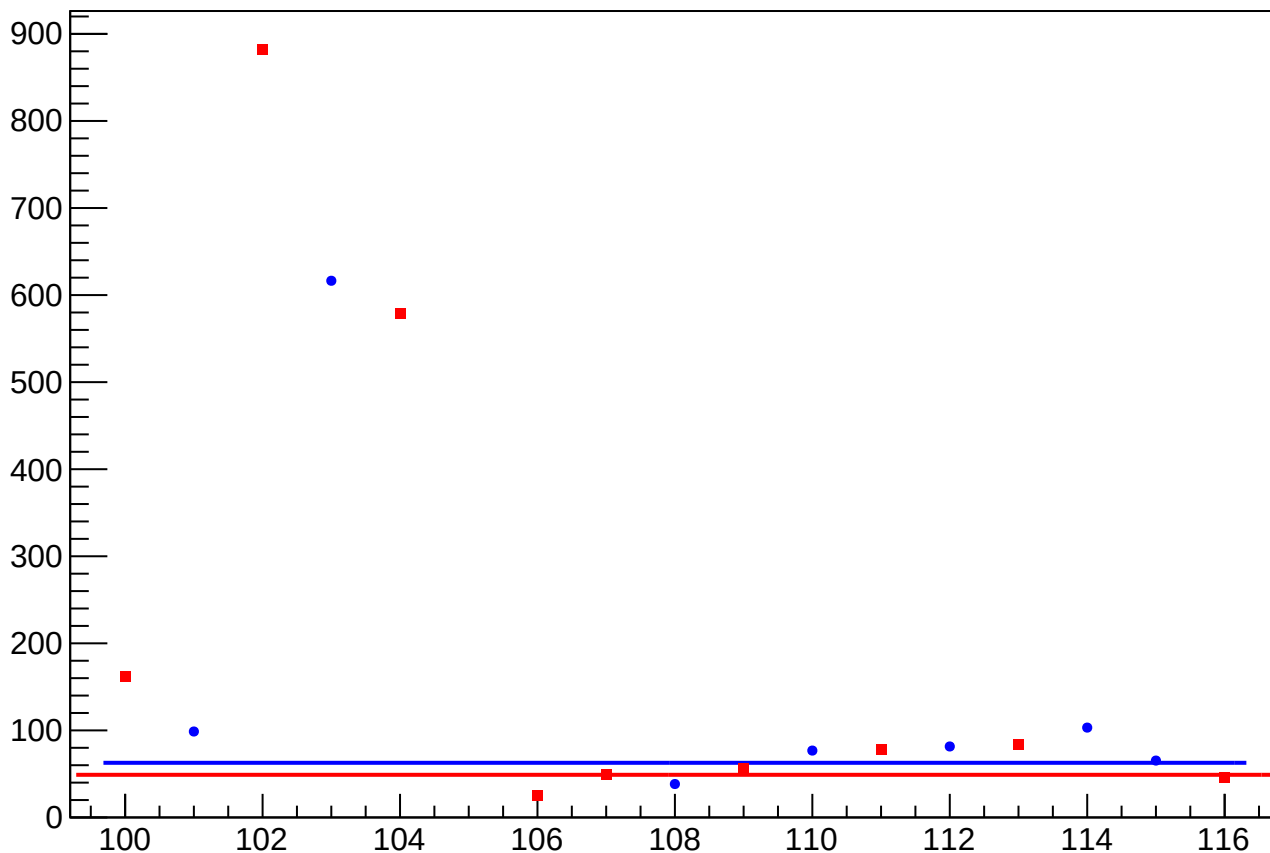
Right: 0.020±/-0.029 χ^2 /NDF: 11.5/15

In: -0.020±/-0.046 χ^2 /NDF:3.7/6

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: 0.020±/-0.029 χ^2 /NDF: 11.5/15

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.775+/-0.033 χ^2/NDF : 1496663.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.985+/-0.026 χ^2/NDF : 2387052.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

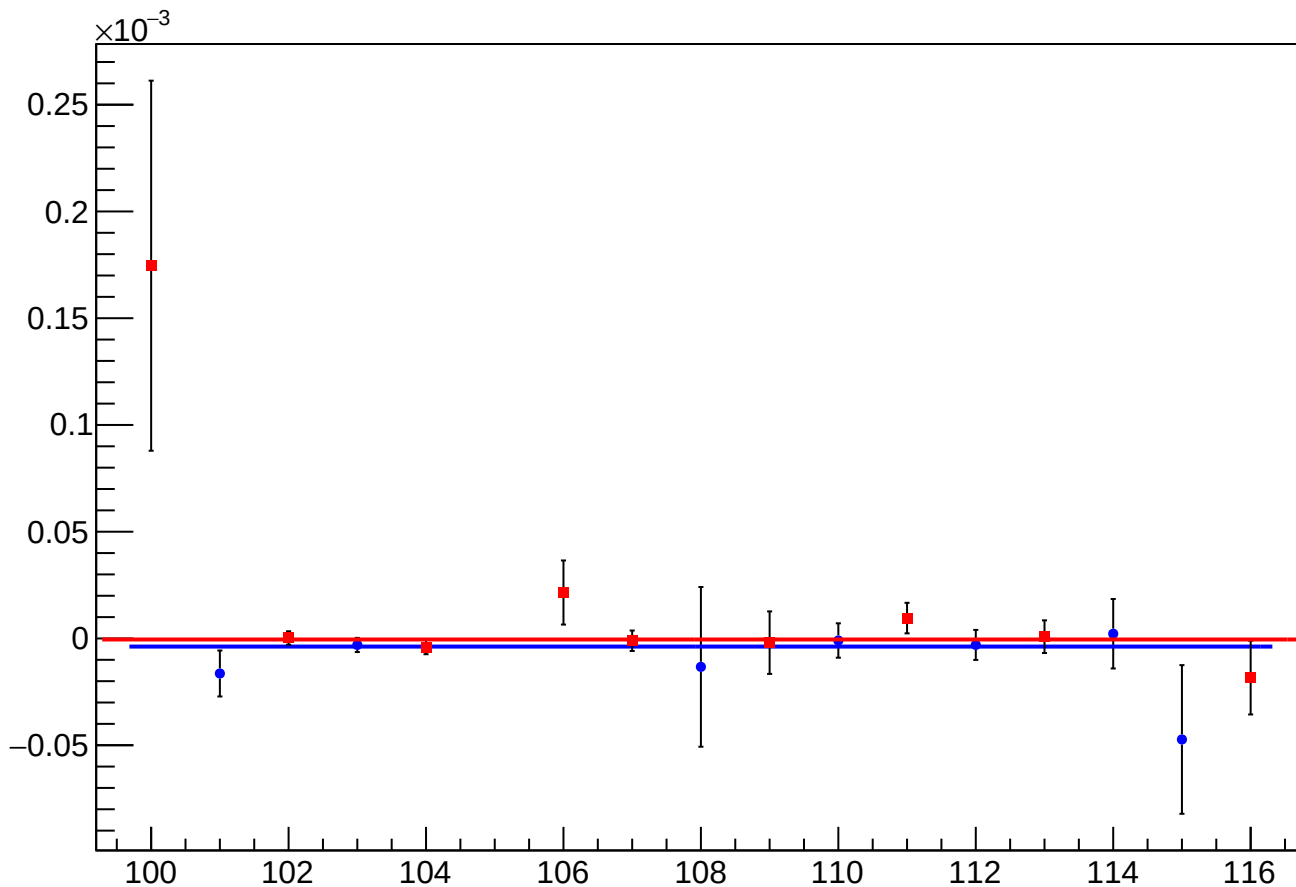
Right: 54.322+/-0.020 χ^2/NDF : 3991838.6/15

In: 62.775+/-0.033 χ^2/NDF : 1496663.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.322+/-0.020 χ^2/NDF : 3991838.6/15

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

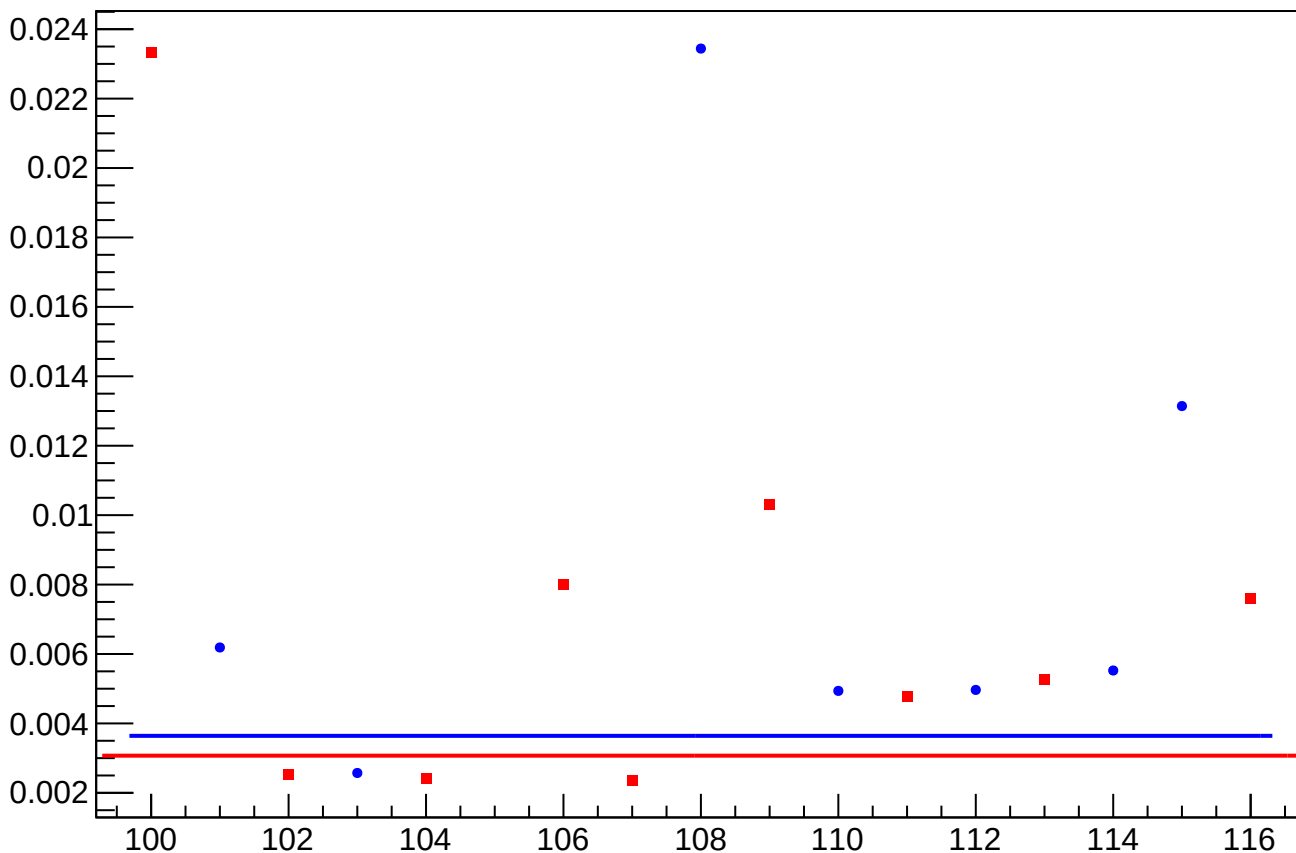
Right: -0.000 ± 0.000 χ^2/NDF : 14.9/15

In: -0.000 ± 0.000 χ^2/NDF : 3.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.9/15

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1179626.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1411726.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

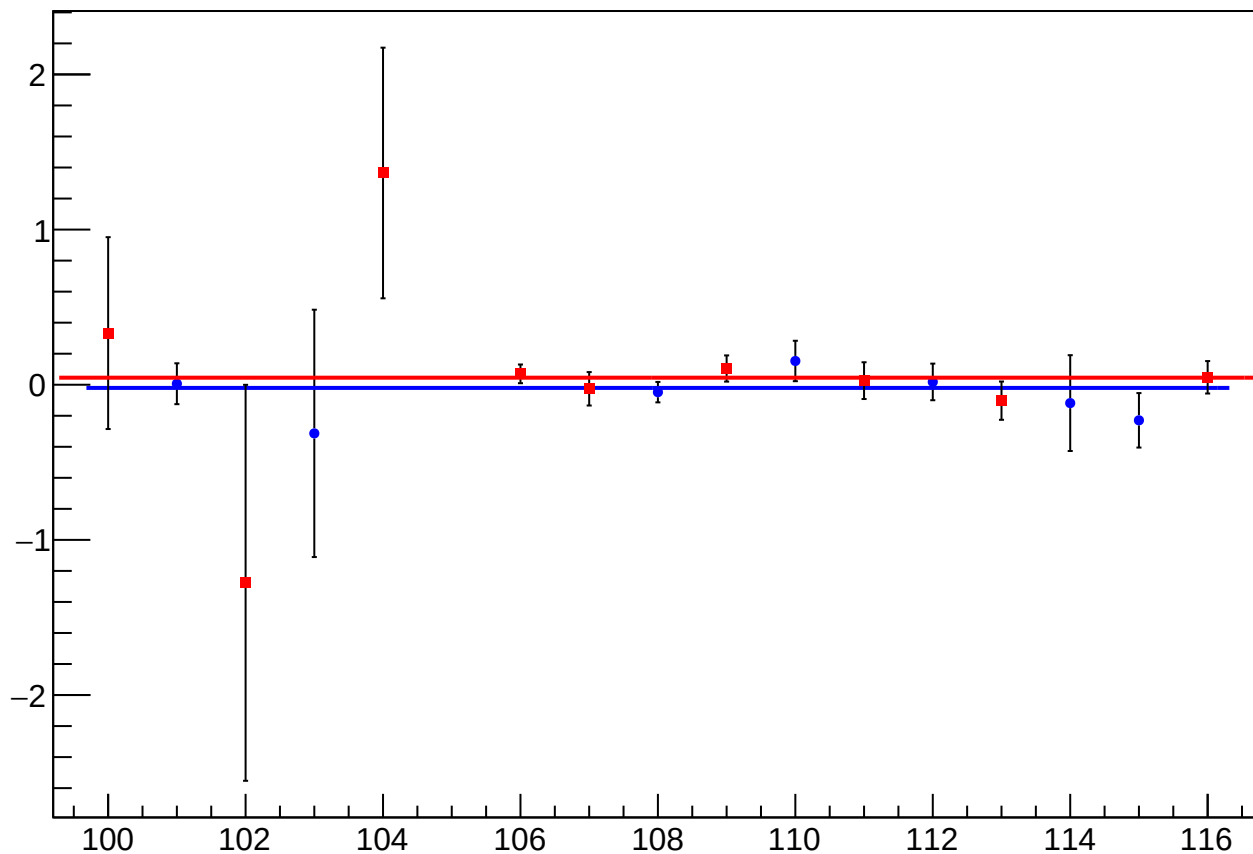
Right: 0.003+/-0.000 χ^2/NDF : 2652734.3/15

In: 0.004+/-0.000 χ^2/NDF : 1179626.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2652734.3/15

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020±/0.046 χ^2 /NDF: 3.7/6

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 0.045±/0.037 χ^2 /NDF: 6.5/8

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

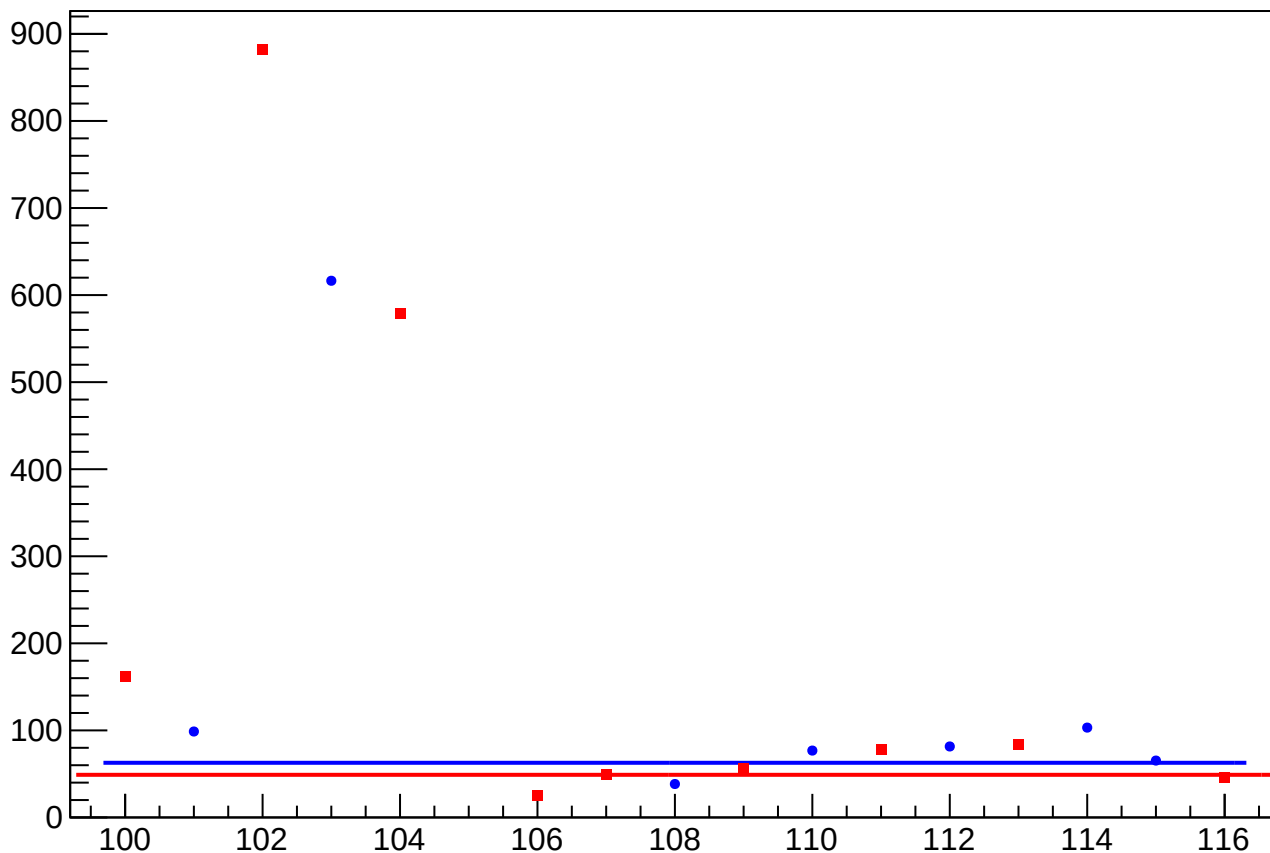
Right: 0.020±/0.029 χ^2 /NDF: 11.5/15

In: -0.020±/0.046 χ^2 /NDF:3.7/6

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: 0.020±/0.029 χ^2 /NDF: 11.5/15

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.794+/-0.033 χ^2/NDF : 1496047.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.977+/-0.026 χ^2/NDF : 2387432.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

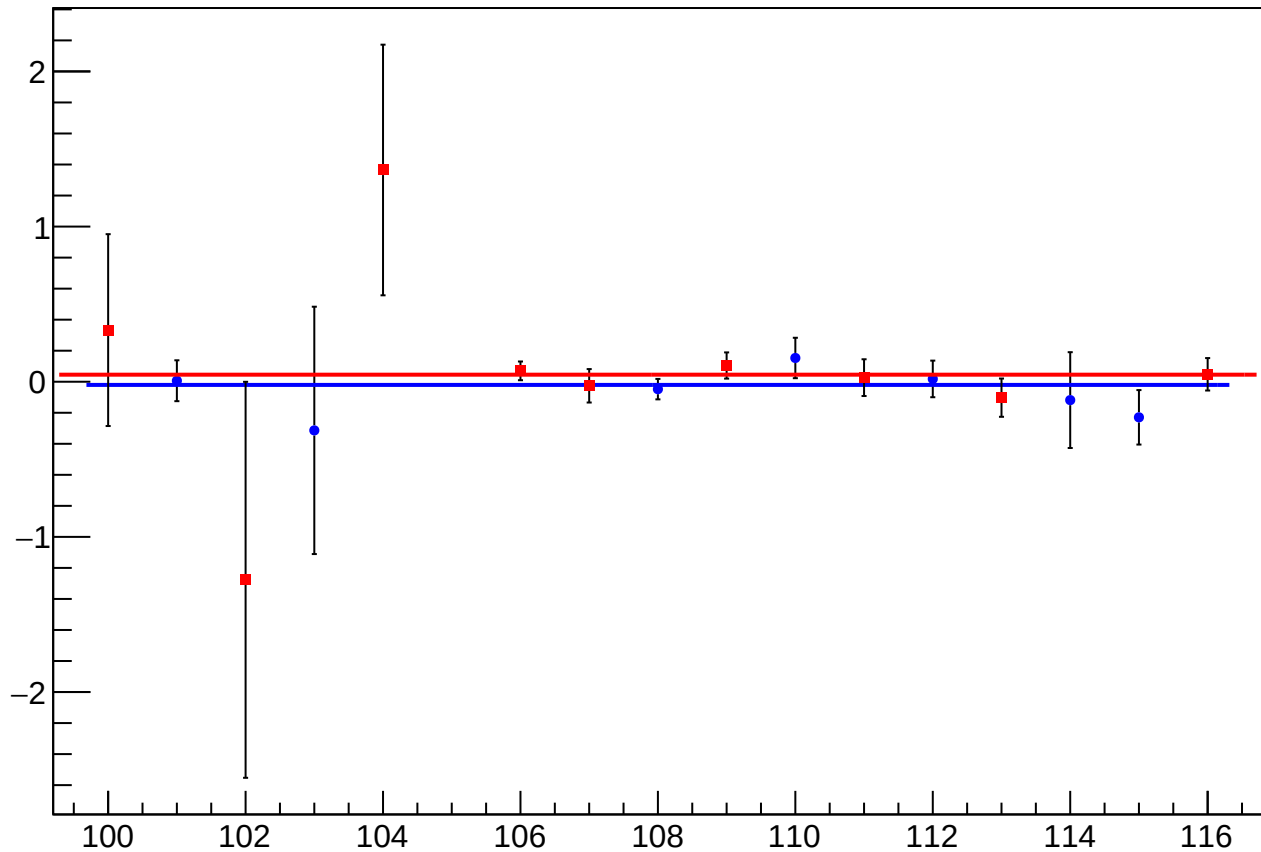
Right: 54.323+/-0.020 χ^2/NDF : 3992008.5/15

In: 62.794+/-0.033 χ^2/NDF : 1496047.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.323+/-0.020 χ^2/NDF : 3992008.5/15

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.046 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.037 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

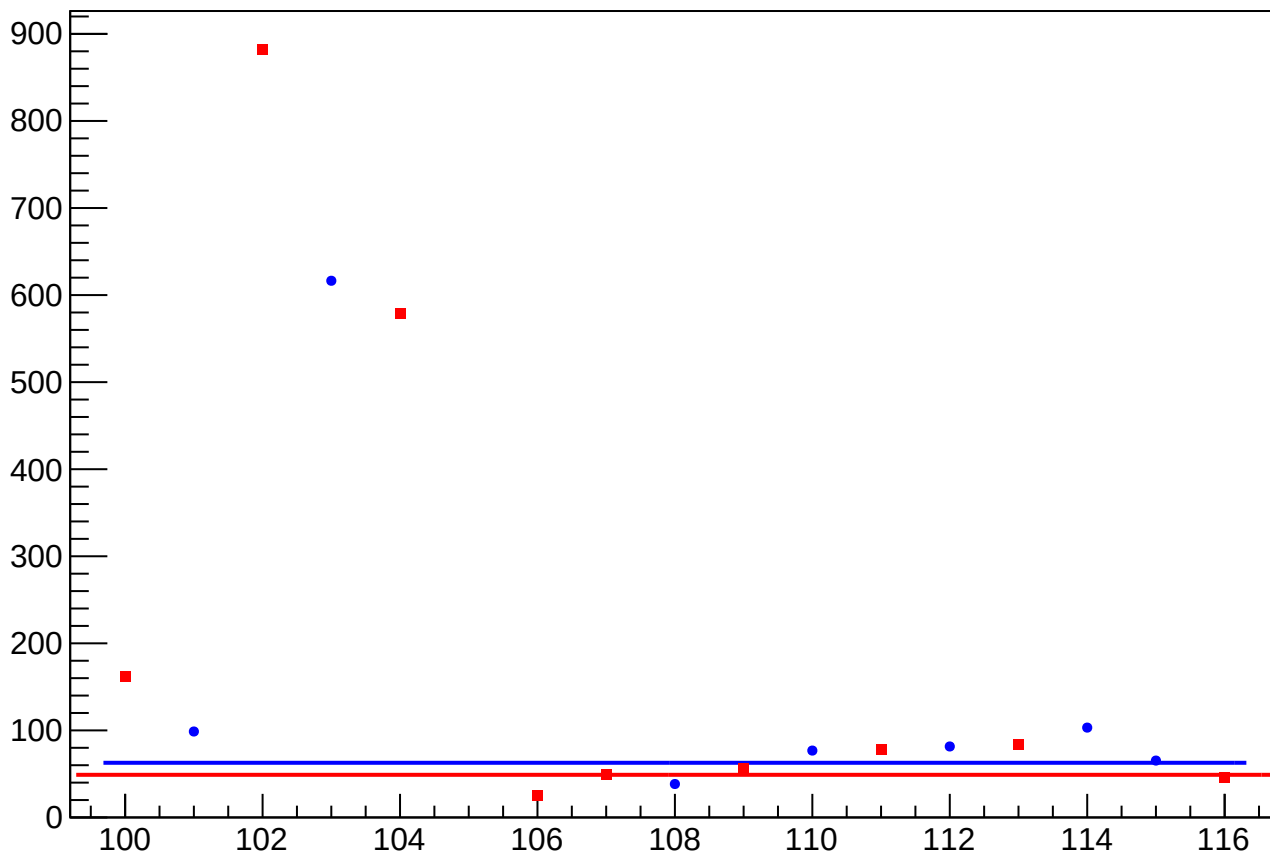
Right: 0.020+/-0.029 χ^2/NDF : 11.5/15

In: -0.020+/-0.046 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.029 χ^2/NDF : 11.5/15

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.794+/-0.033 χ^2/NDF : 1496047.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.977+/-0.026 χ^2/NDF : 2387432.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

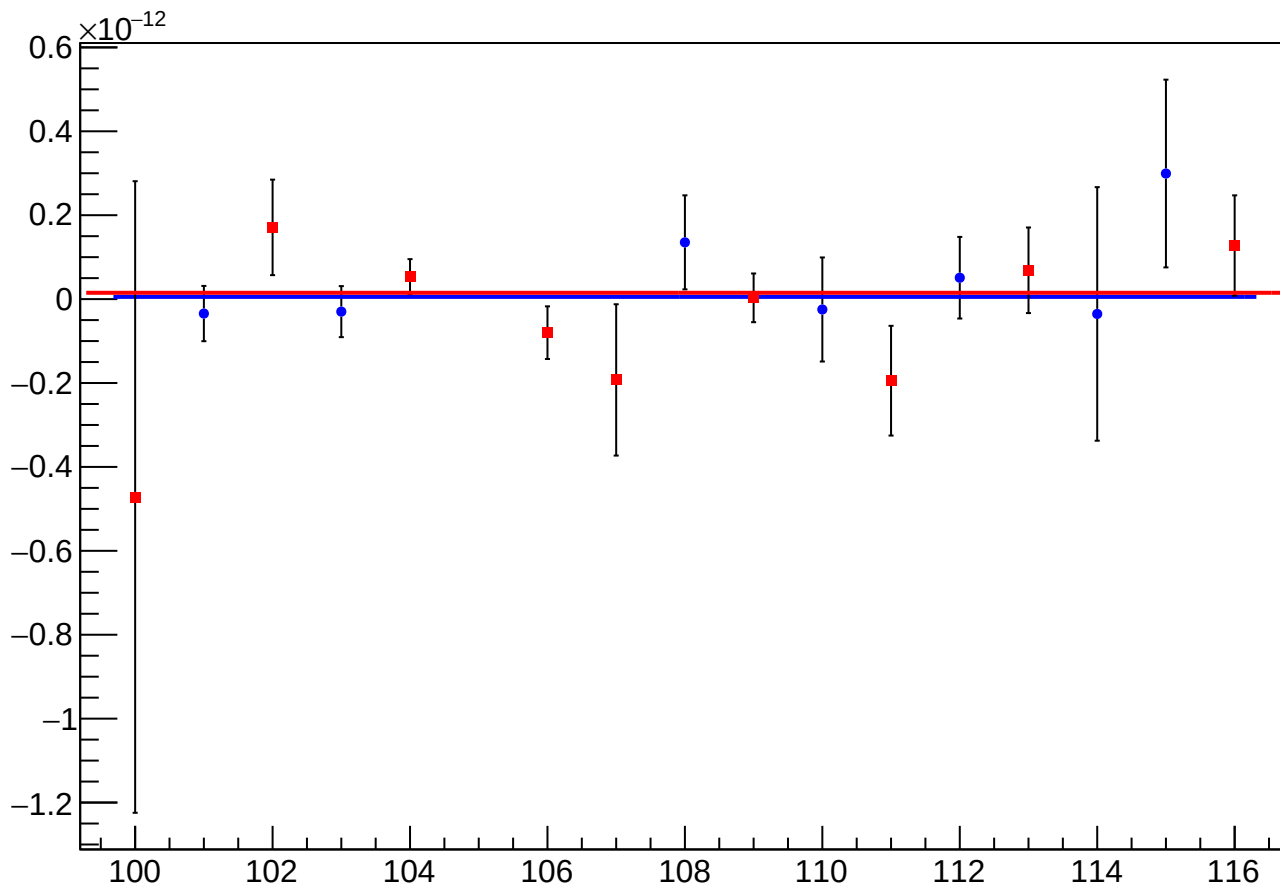
Right: 54.323+/-0.020 χ^2/NDF : 3992008.5/15

In: 62.794+/-0.033 χ^2/NDF : 1496047.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.323+/-0.020 χ^2/NDF : 3992008.5/15

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

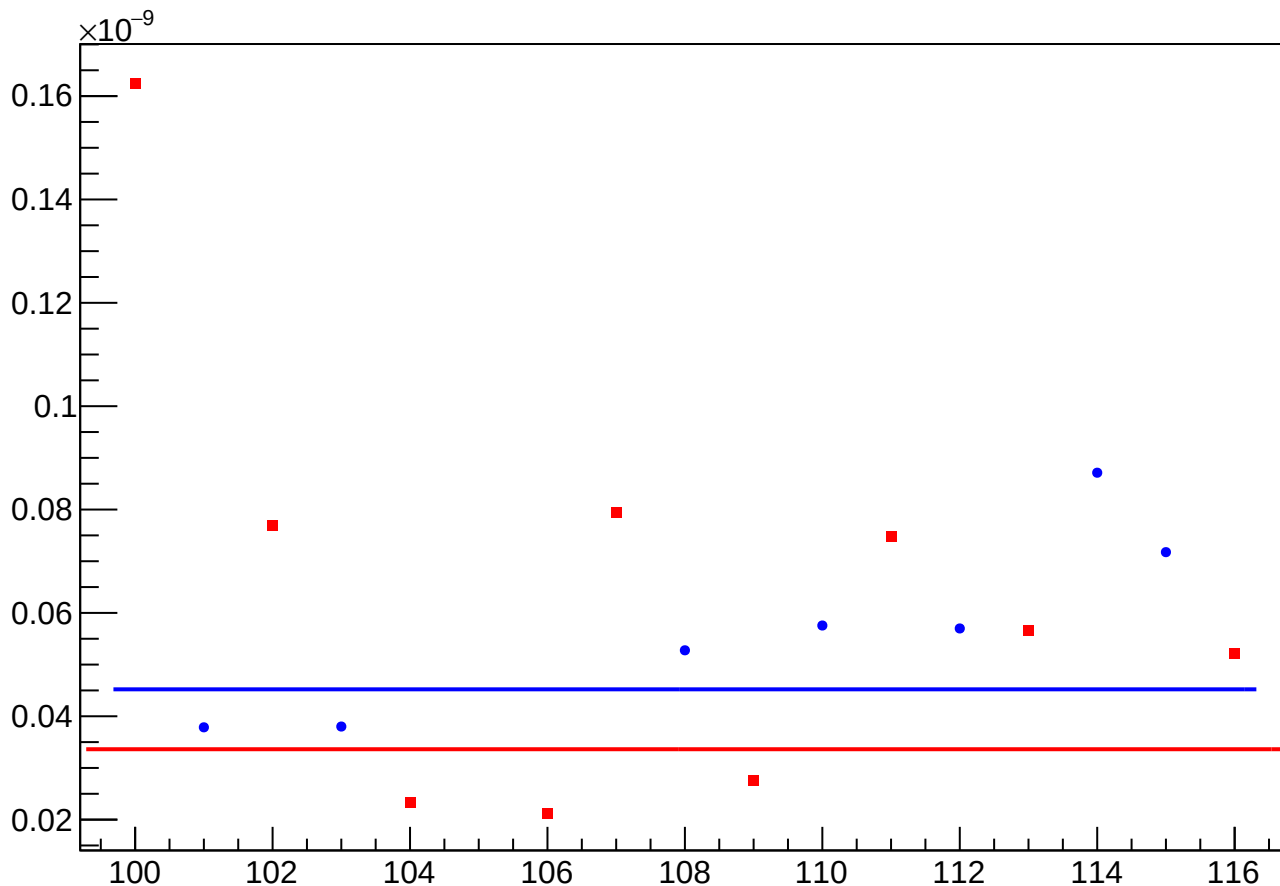
Right: 0.000+/-0.000 χ^2/NDF : 14.7/15

In: 0.000+/-0.000 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/15

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 177758.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1048996.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

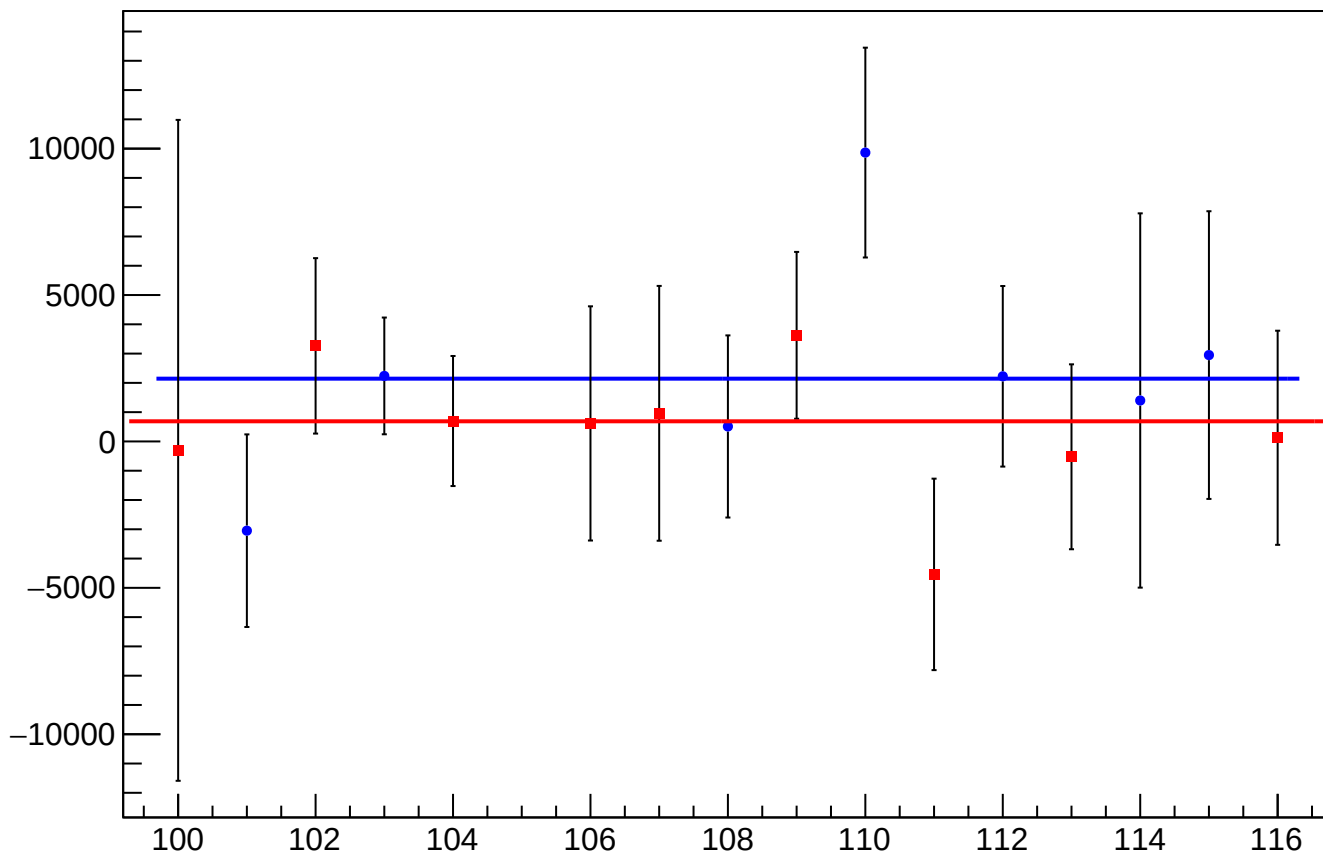
Right: 0.000+/-0.000 χ^2/NDF : 1363527.0/15

In: 0.000+/-0.000 χ^2/NDF : 177758.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1363527.0/15

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2143.789+/-1198.240 χ^2/NDF : 7.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.811+/-1098.146 χ^2/NDF : 4.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

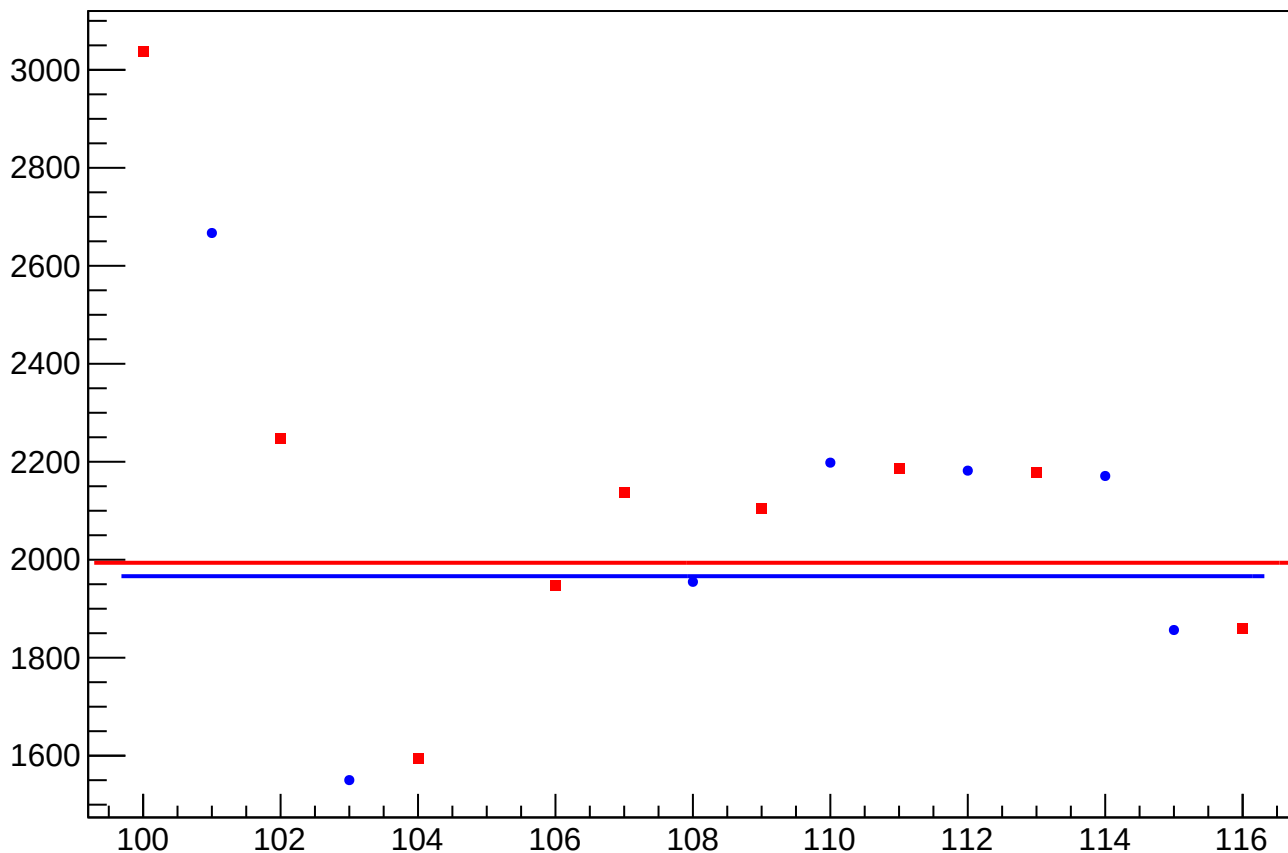
Right: 1352.458+/-809.584 χ^2/NDF : 12.8/15

In: 2143.789+/-1198.240 χ^2/NDF : 7.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.458+/-809.584 χ^2/NDF : 12.8/15

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1966.401+/-0.847 χ^2/NDF : 199159.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1993.796+/-0.772 χ^2/NDF : 117786.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

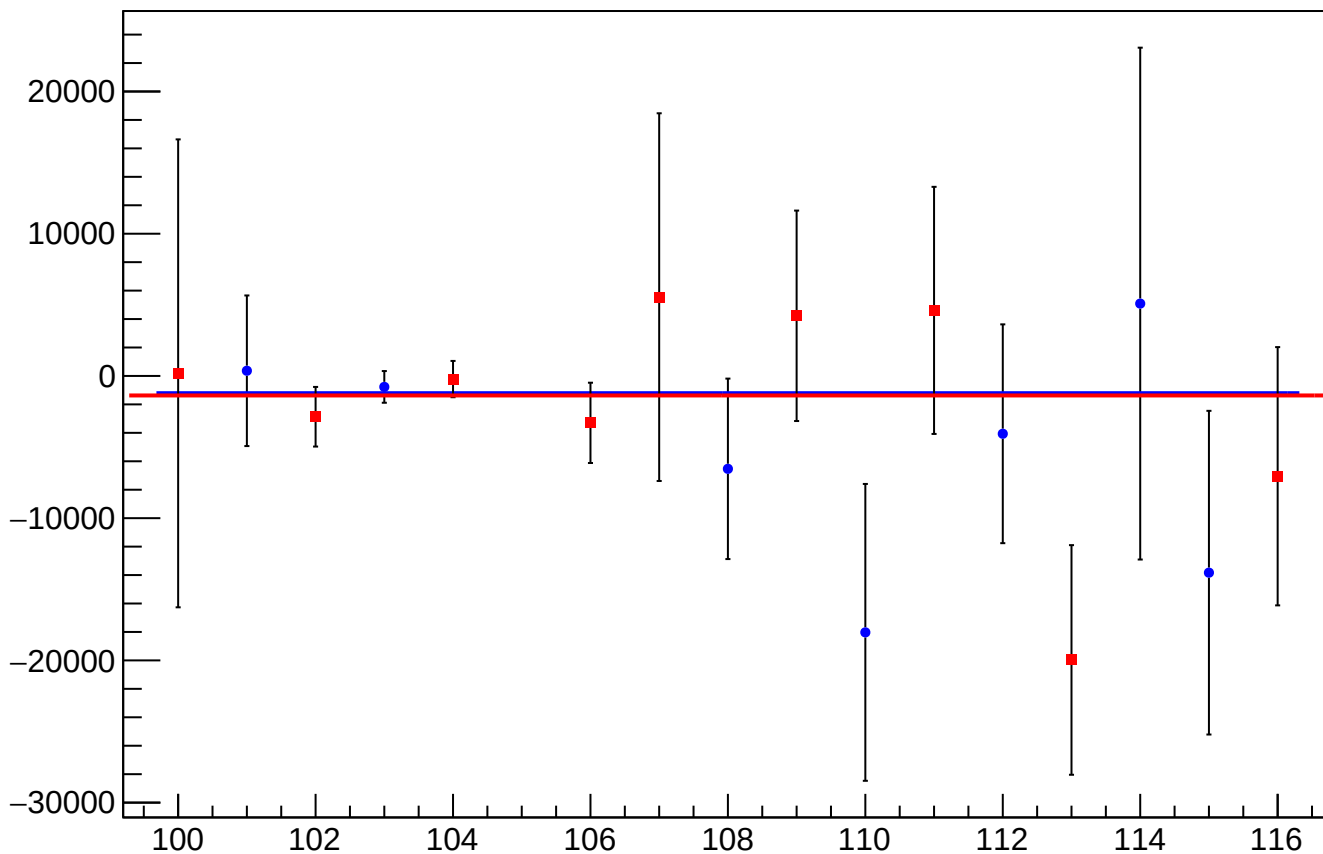
Right: 1981.366+/-0.571 χ^2/NDF : 317517.2/15

In: 1966.401+/-0.847 χ^2/NDF :199159.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1981.366+/-0.571 χ^2/NDF : 317517.2/15

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1213.207+/-1052.544 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1371.897+/-982.319 χ^2/NDF : 8.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

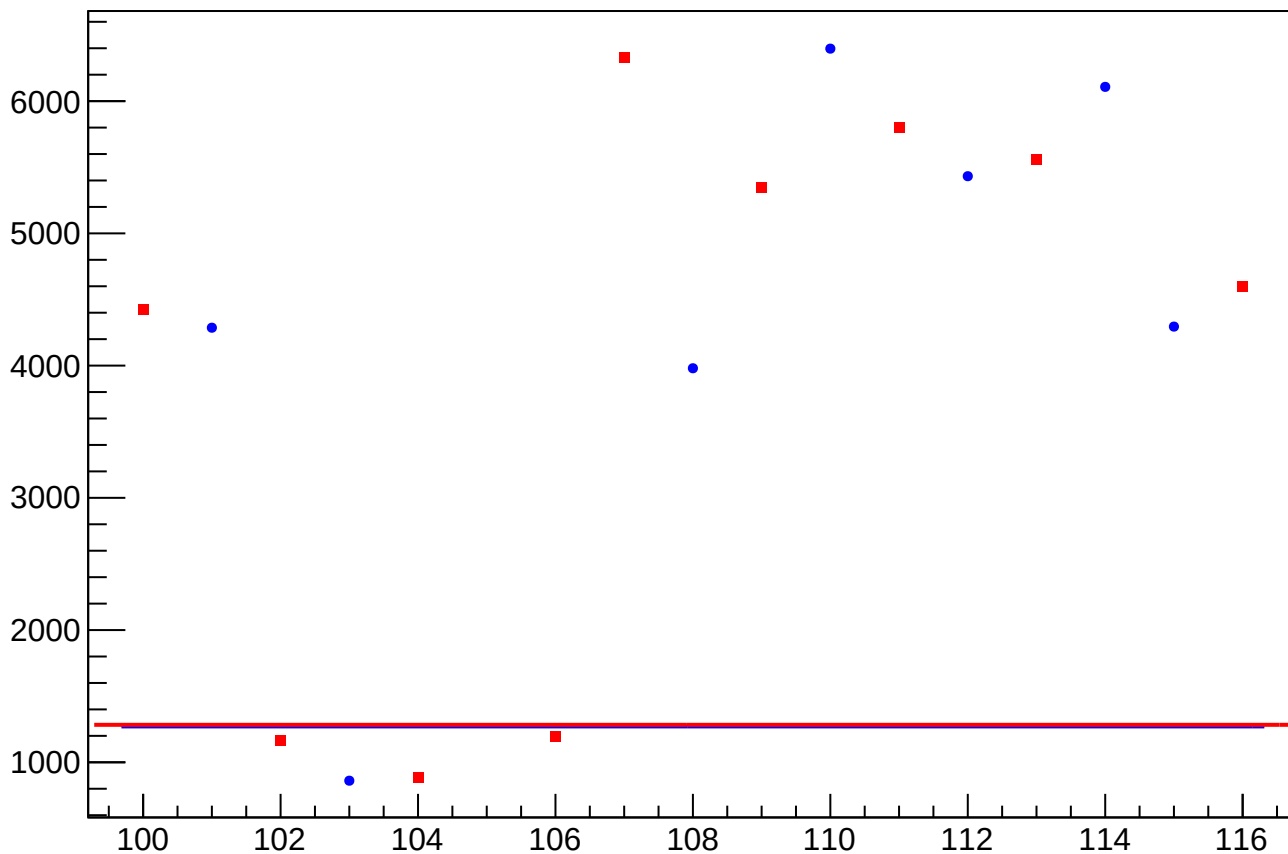
Right: -1298.022+/-718.148 χ^2/NDF : 13.9/15

In: -1213.207+/-1052.544 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1298.022+/-718.148 χ^2/NDF : 13.9/15

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1271.351+/-0.744 χ^2/NDF : 2637935.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.472+/-0.695 χ^2/NDF : 2553940.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

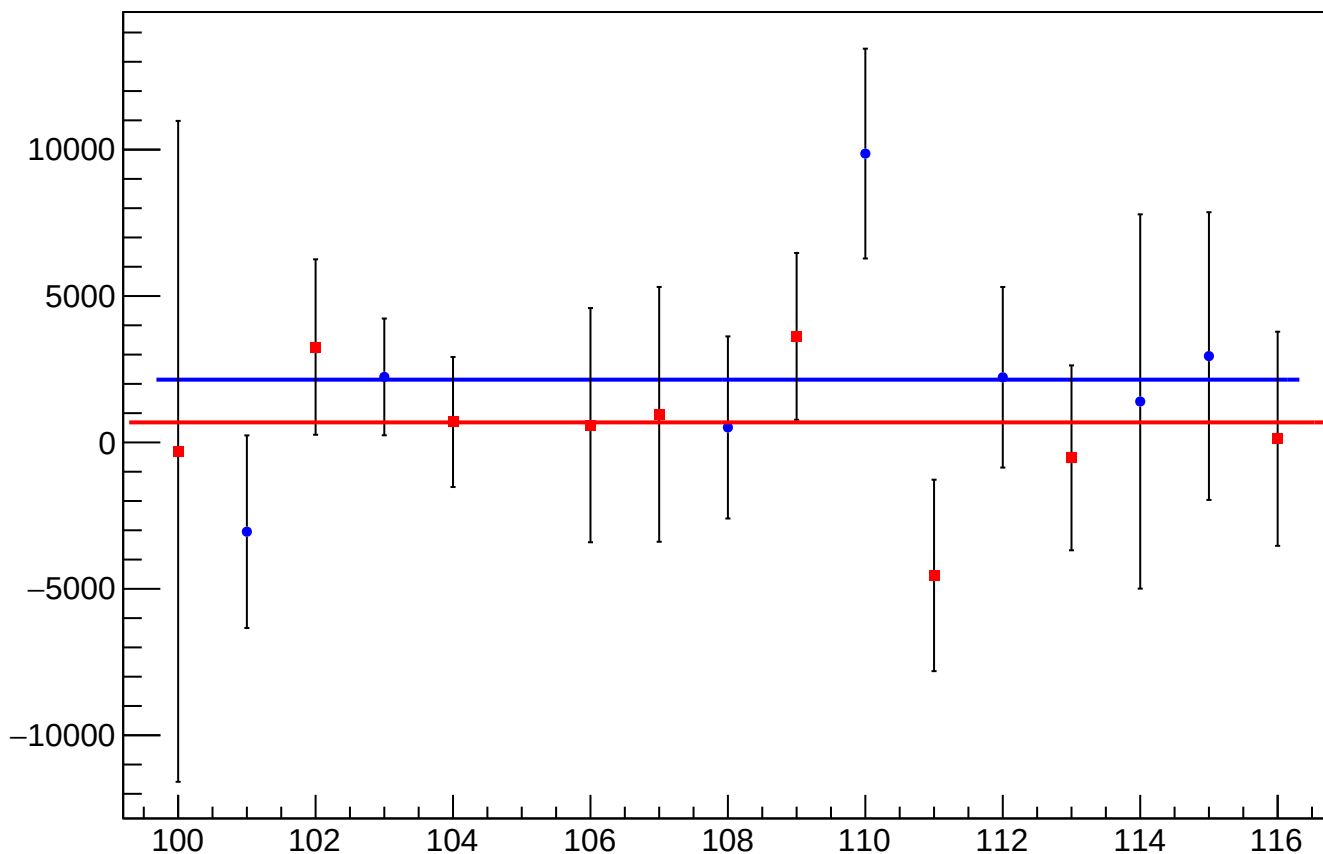
Right: 1277.830+/-0.508 χ^2/NDF : 5192017.0/15

In: 1271.351+/-0.744 χ^2/NDF : 2637935.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.830+/-0.508 χ^2/NDF : 5192017.0/15

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2144.022+/-1198.240 χ^2 /NDF: 7.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 684.911+/-1098.150 χ^2 /NDF: 4.5/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

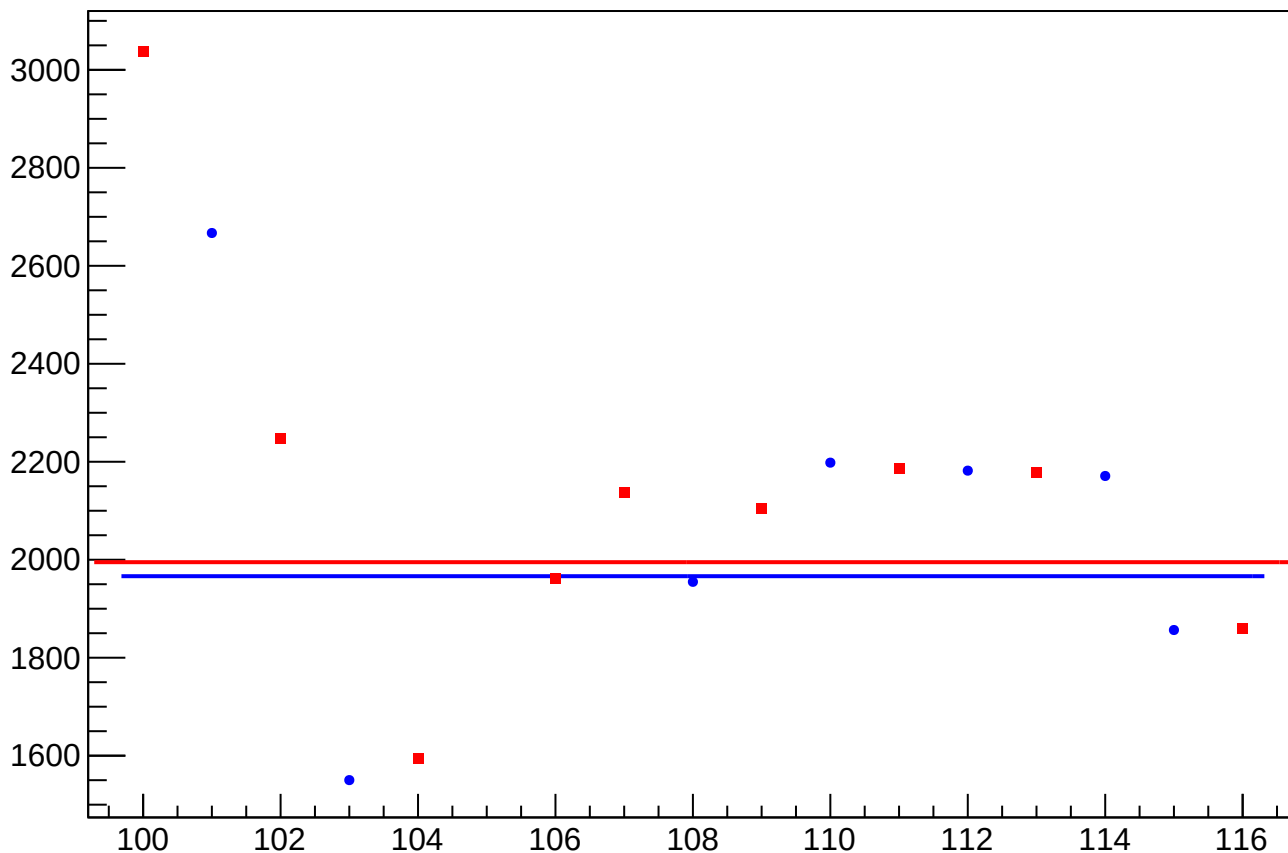
Right: 1350.991+/-809.585 χ^2 /NDF: 12.8/15

In: 2144.022+/-1198.240 χ^2 /NDF: 7.5/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1350.991+/-809.585 χ^2 /NDF: 12.8/15

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1966.401+/-0.847 χ^2/NDF : 199159.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1995.006+/-0.773 χ^2/NDF : 117630.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

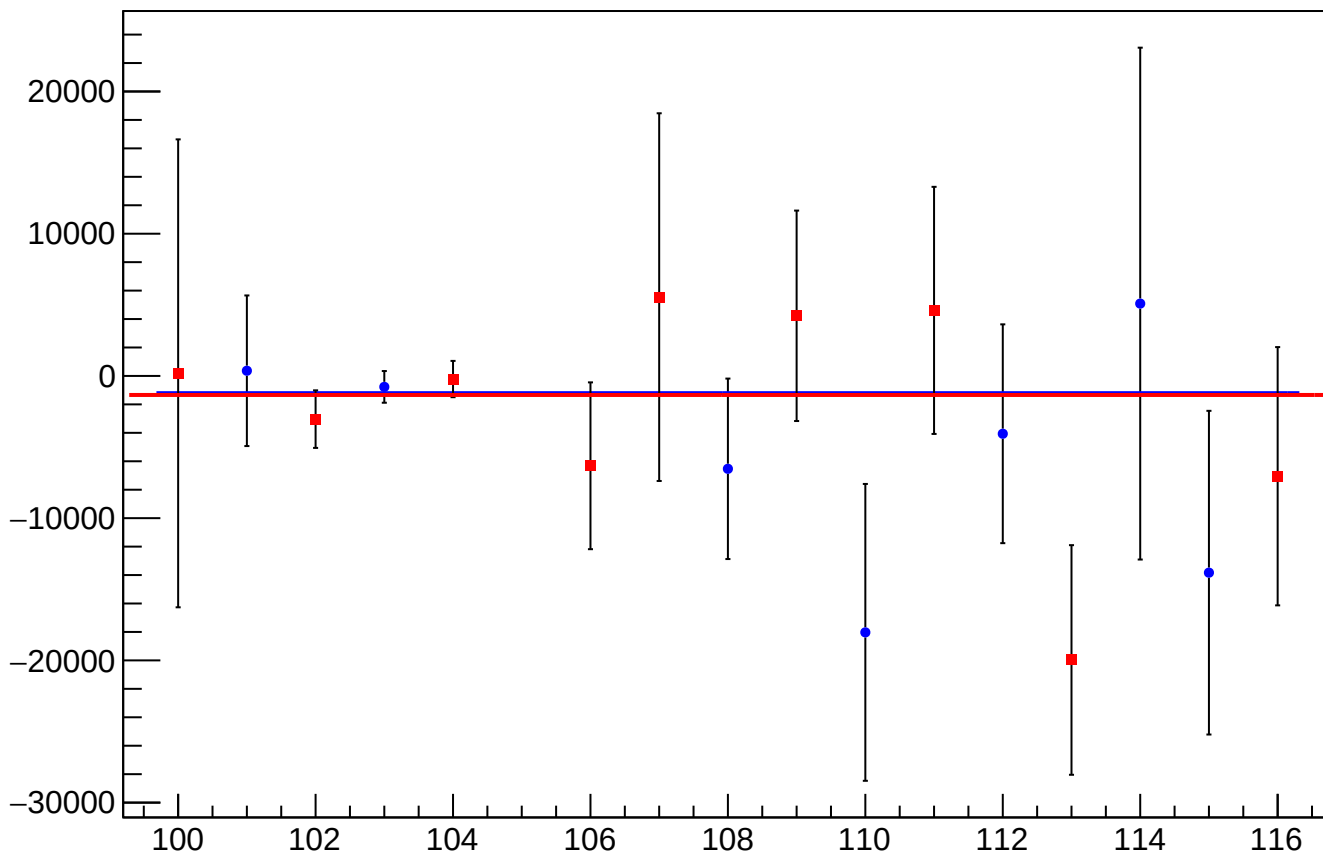
Right: 1982.019+/-0.571 χ^2/NDF : 317412.1/15

In: 1966.401+/-0.847 χ^2/NDF : 199159.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.019+/-0.571 χ^2/NDF : 317412.1/15

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1212.594+/-1052.475 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1337.769+/-1022.397 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

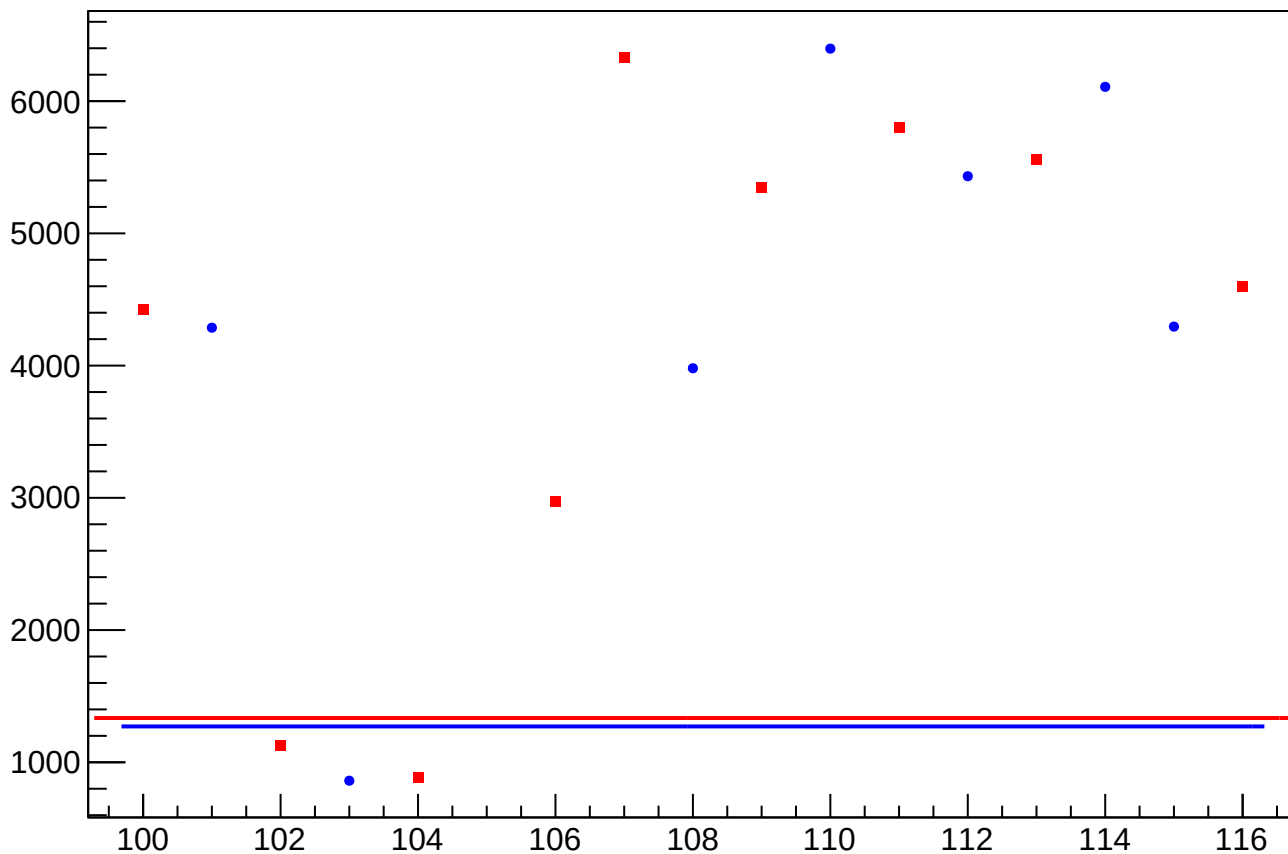
Right: -1276.996+/-733.347 χ^2/NDF : 14.3/15

In: -1212.594+/-1052.475 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1276.996+/-733.347 χ^2/NDF : 14.3/15

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1271.246+/-0.744 χ^2/NDF : 2638049.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.841+/-0.723 χ^2/NDF : 2717409.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

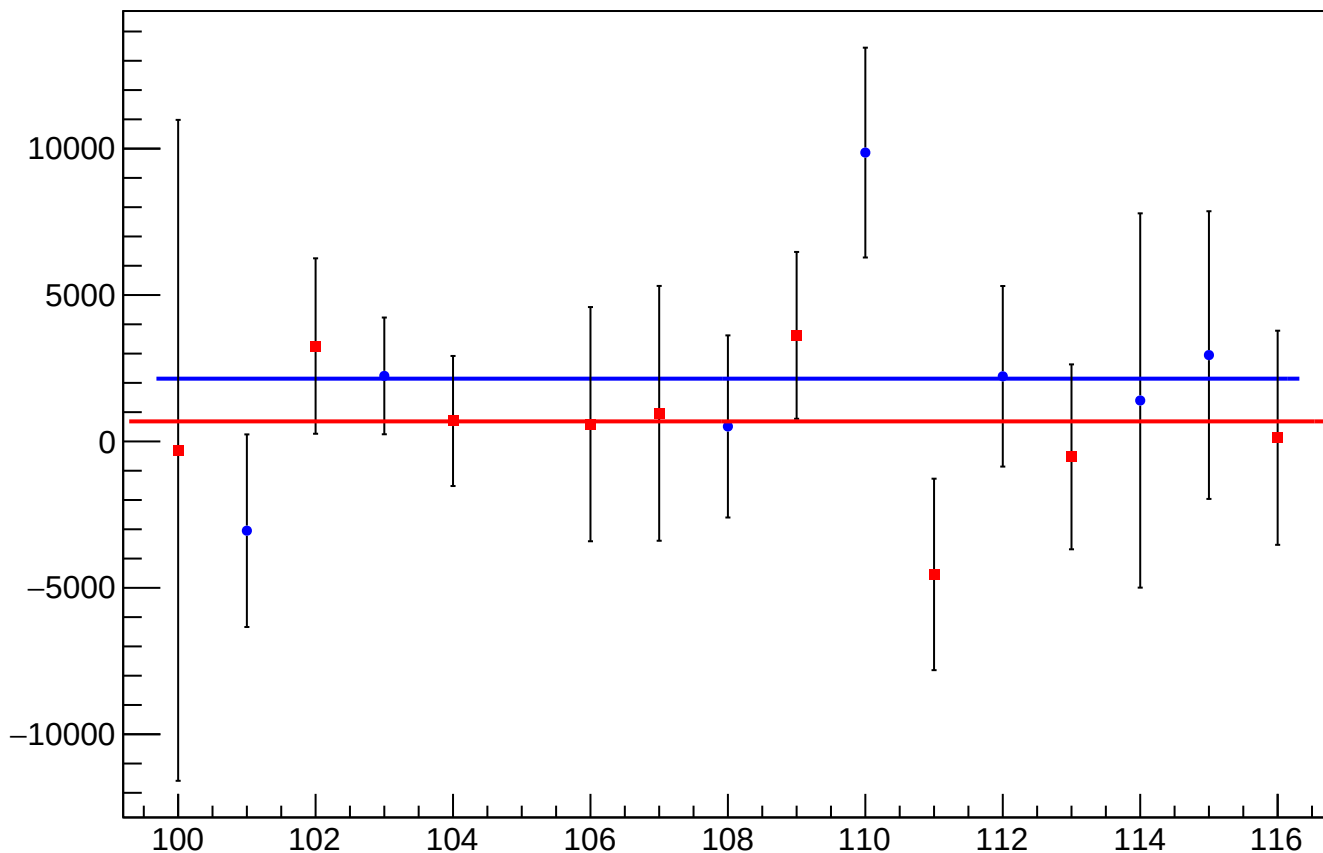
Right: 1303.966+/-0.519 χ^2/NDF : 5359216.3/15

In: 1271.246+/-0.744 χ^2/NDF : 2638049.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.966+/-0.519 χ^2/NDF : 5359216.3/15

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2144.022+/-1198.240 χ^2/NDF : 7.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.911+/-1098.150 χ^2/NDF : 4.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

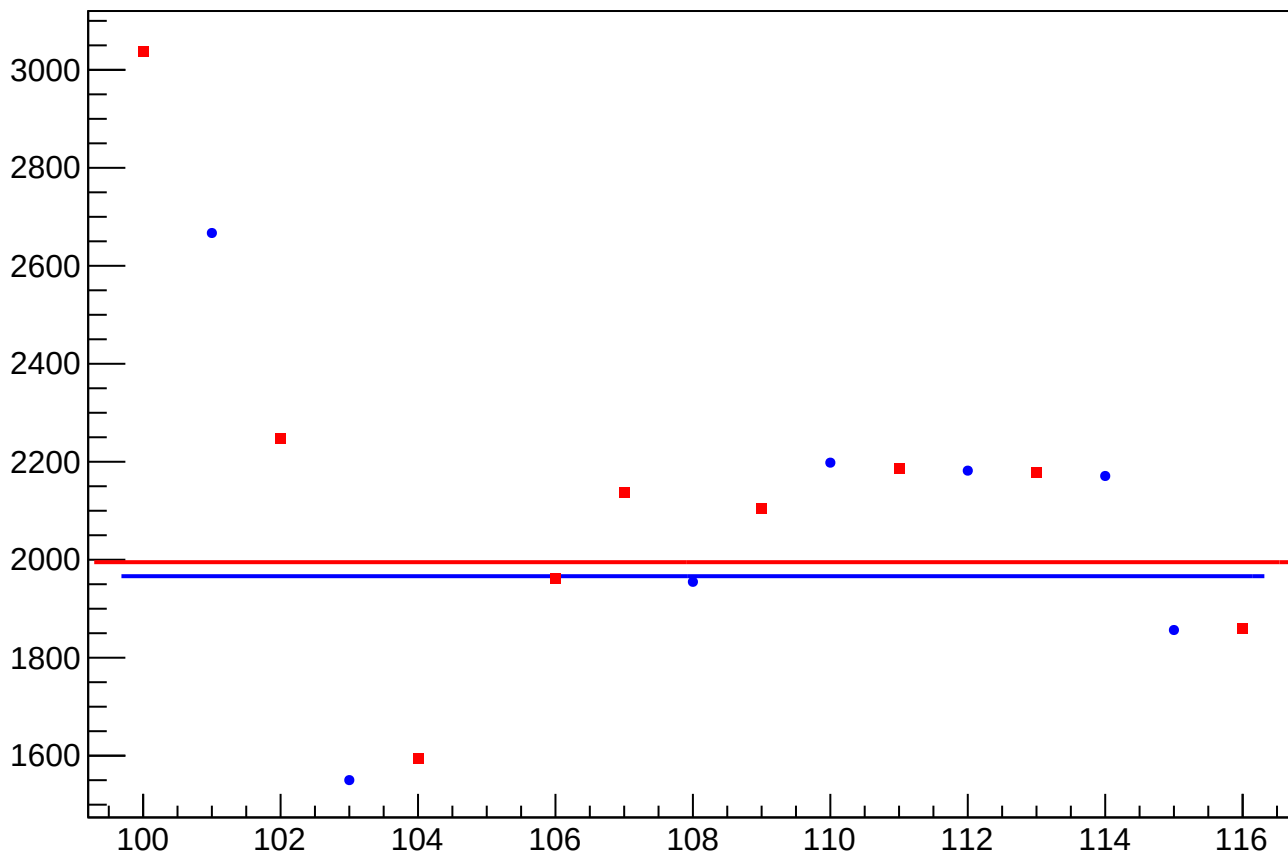
Right: 1350.991+/-809.585 χ^2/NDF : 12.8/15

In: 2144.022+/-1198.240 χ^2/NDF : 7.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.991+/-809.585 χ^2/NDF : 12.8/15

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1966.401+/-0.847 χ^2/NDF : 199159.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1995.006+/-0.773 χ^2/NDF : 117630.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

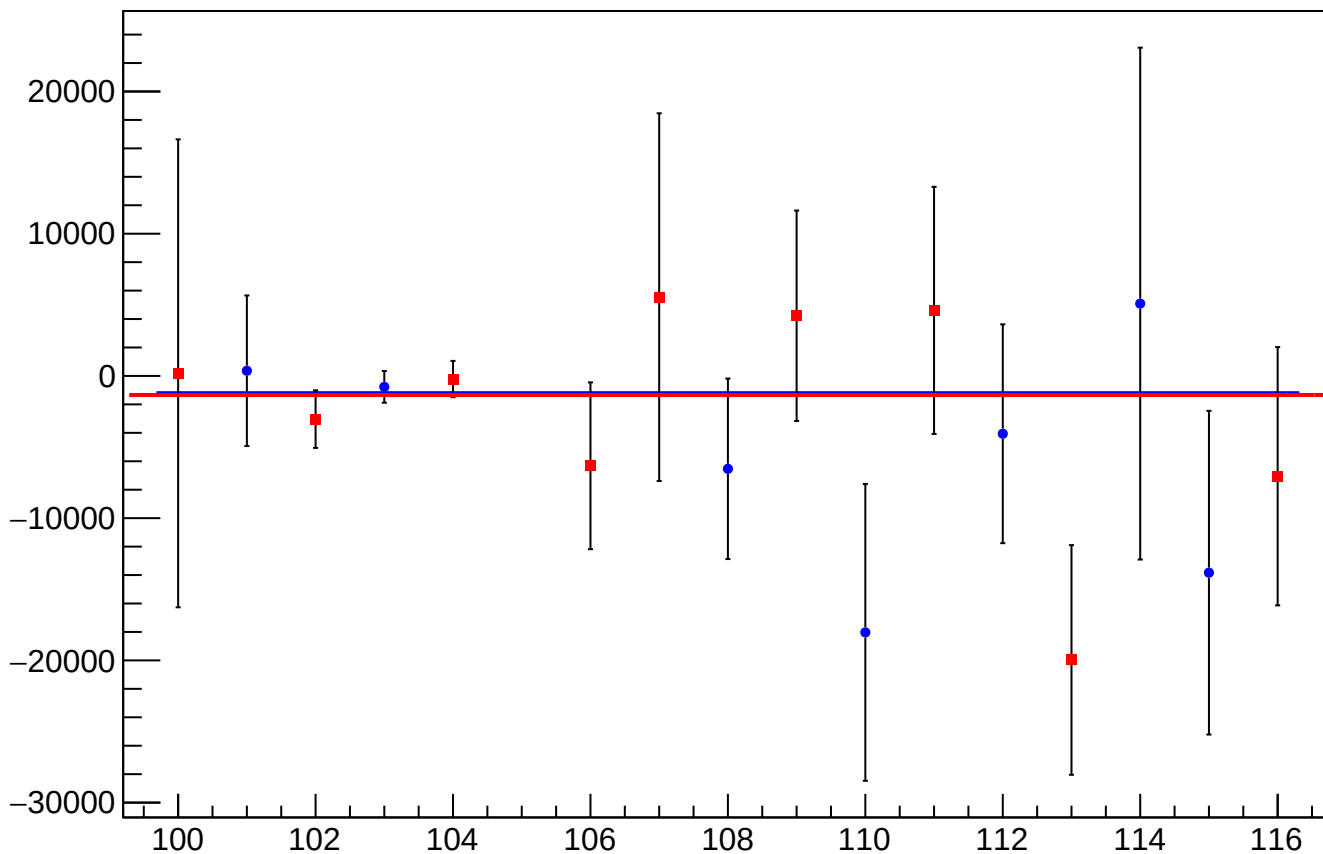
Right: 1982.019+/-0.571 χ^2/NDF : 317412.1/15

In: 1966.401+/-0.847 χ^2/NDF : 199159.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.019+/-0.571 χ^2/NDF : 317412.1/15

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1212.594+/-1052.475 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1337.769+/-1022.397 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

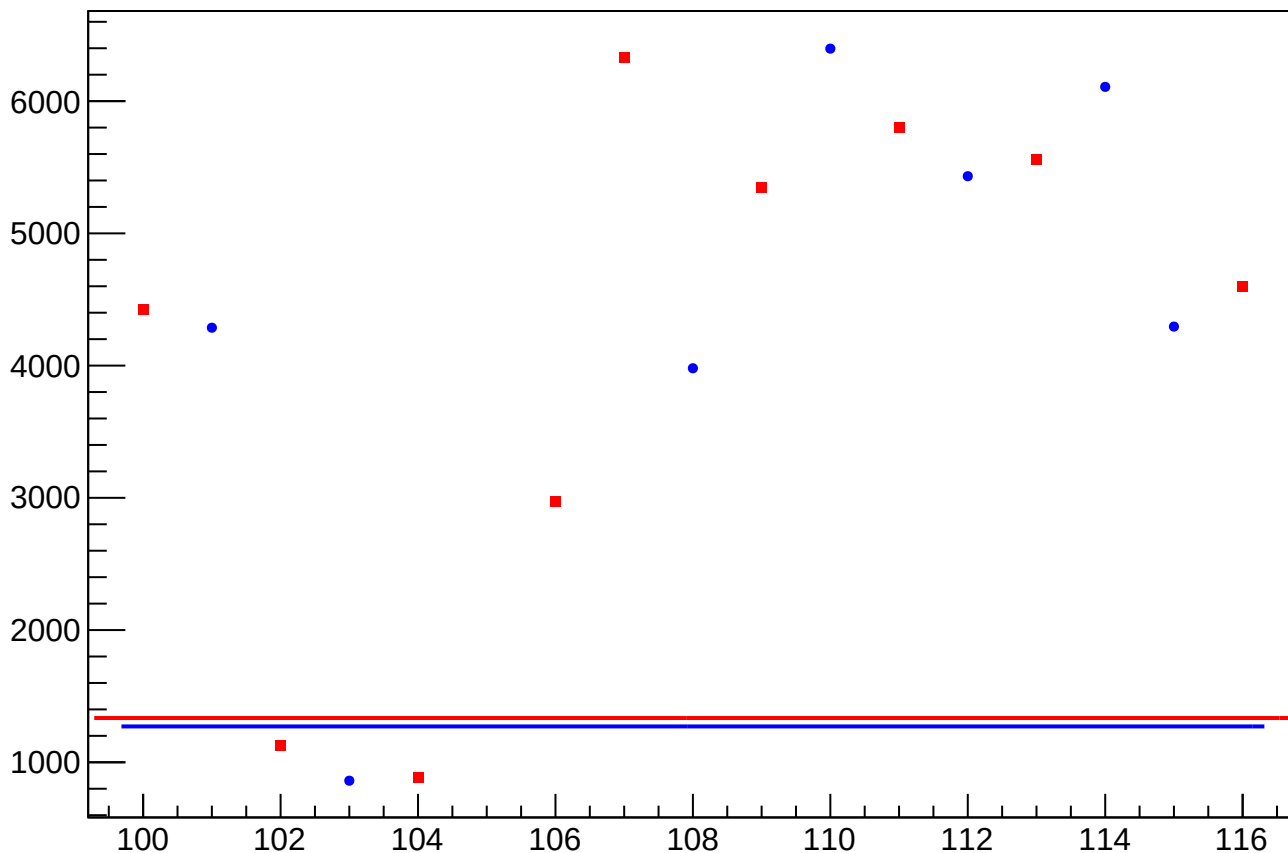
Right: -1276.996+/-733.347 χ^2/NDF : 14.3/15

In: -1212.594+/-1052.475 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1276.996+/-733.347 χ^2/NDF : 14.3/15

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1271.246+/-0.744 χ^2/NDF : 2638049.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.841+/-0.723 χ^2/NDF : 2717409.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

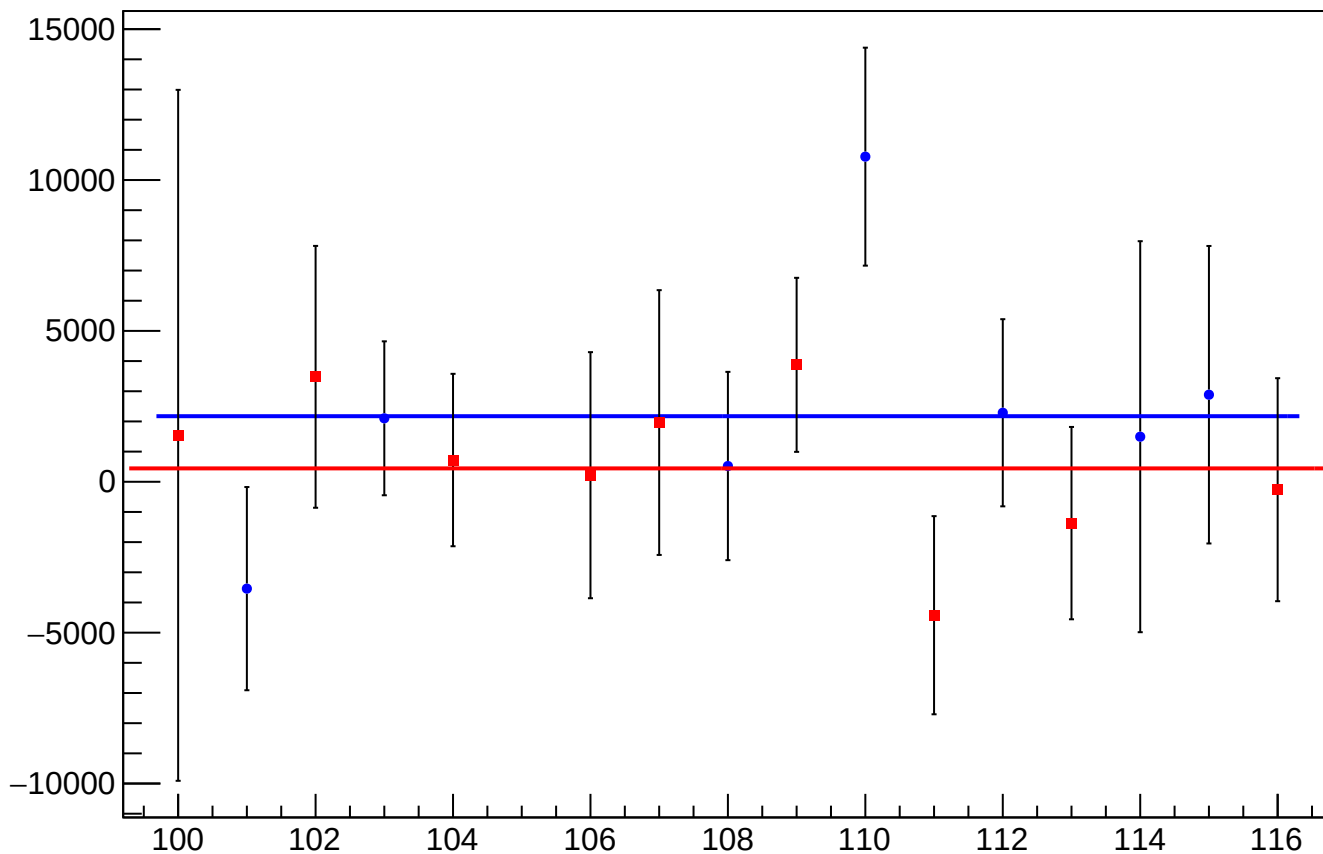
Right: 1303.966+/-0.519 χ^2/NDF : 5359216.3/15

In: 1271.246+/-0.744 χ^2/NDF : 2638049.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.966+/-0.519 χ^2/NDF : 5359216.3/15

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2173.400+/-1301.629 χ^2 /NDF: 8.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 443.483+/-1212.627 χ^2 /NDF: 4.6/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

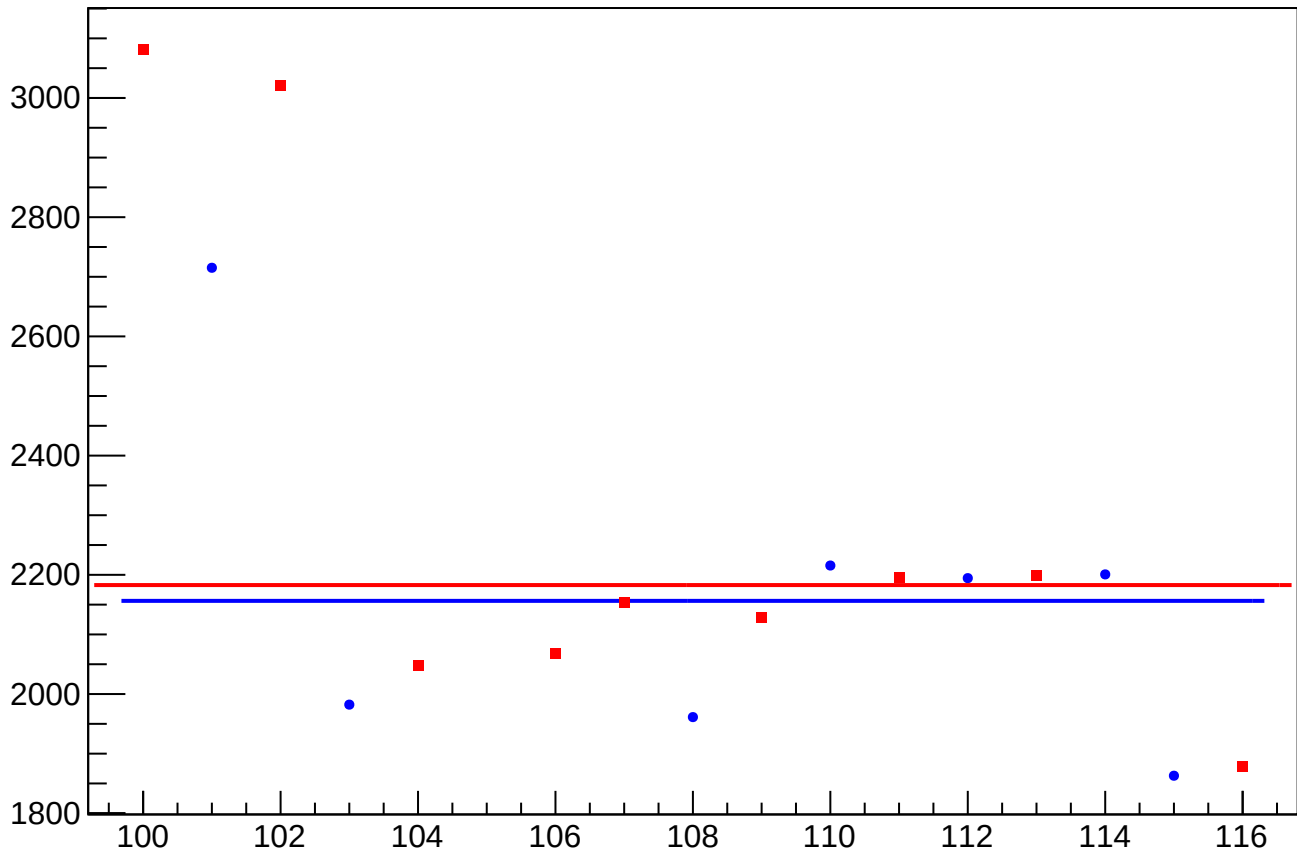
Right: 1247.281+/-887.254 χ^2 /NDF: 14.4/15

In: 2173.400+/-1301.629 χ^2 /NDF: 8.9/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1247.281+/-887.254 χ^2 /NDF: 14.4/15

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2156.316+/-0.920 χ^2/NDF : 80231.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.822+/-0.855 χ^2/NDF : 107456.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

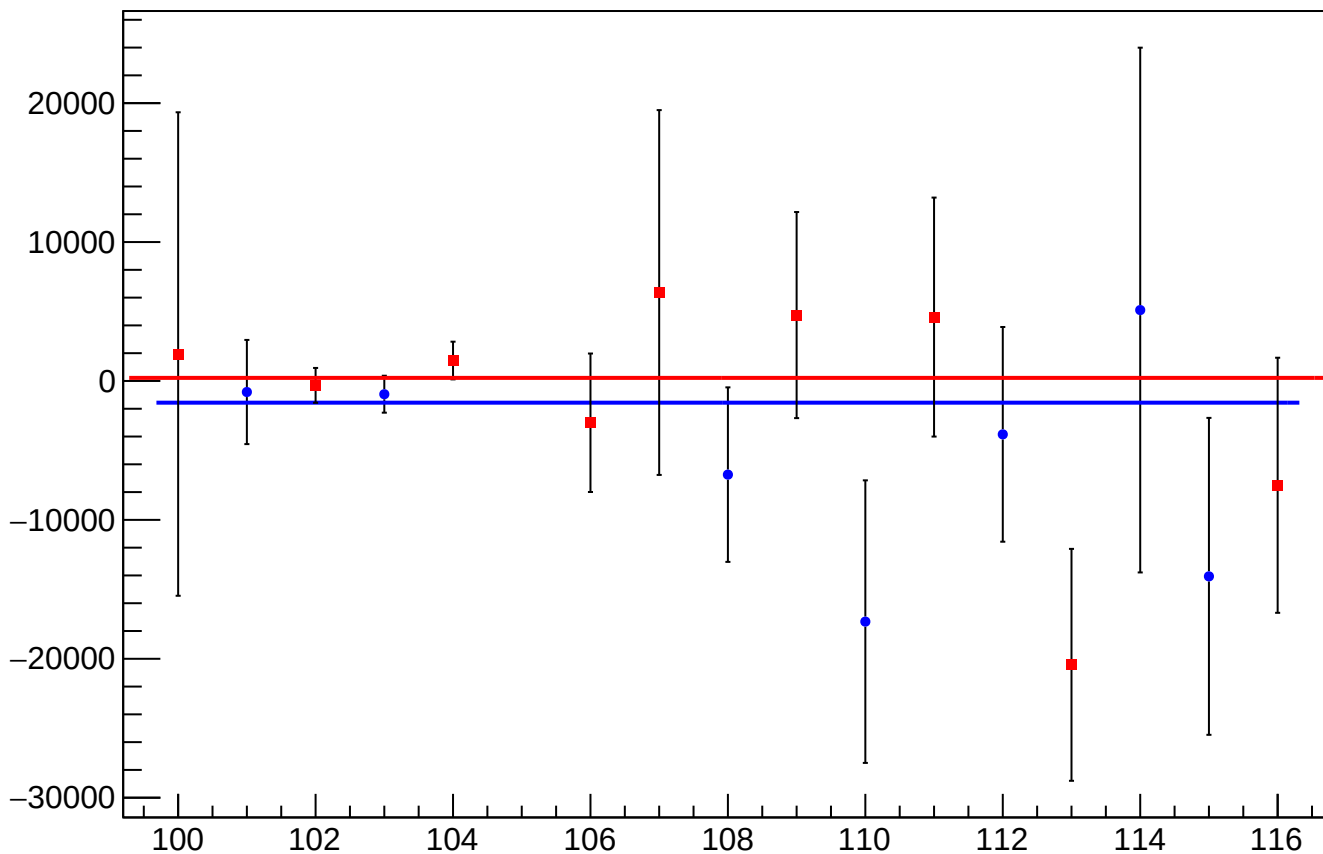
Right: 2170.537+/-0.627 χ^2/NDF : 188132.7/15

In: 2156.316+/-0.920 χ^2/NDF : 80231.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.537+/-0.627 χ^2/NDF : 188132.7/15

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1562.667+/-1196.632 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.957+/-882.048 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

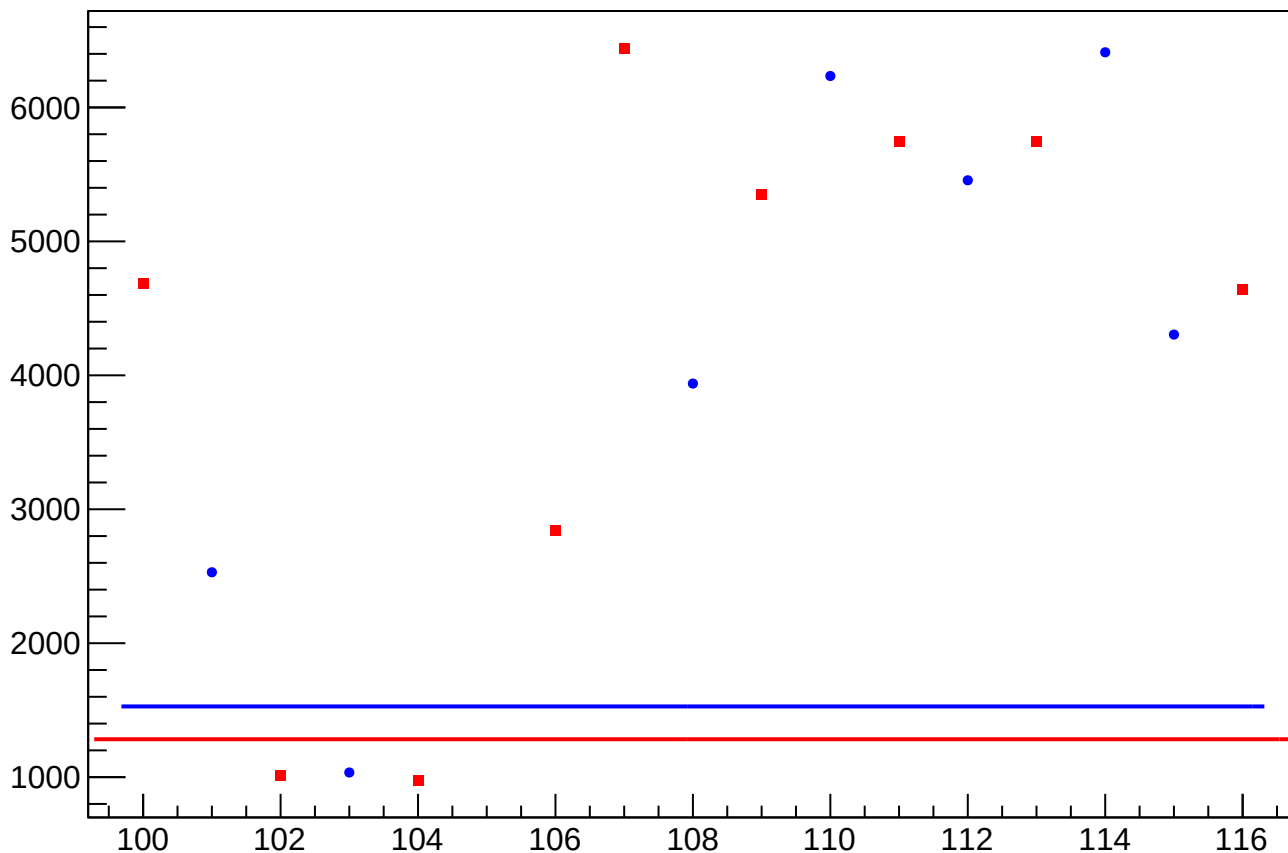
Right: -406.321+/-710.007 χ^2/NDF : 15.3/15

In: -1562.667+/-1196.632 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.321+/-710.007 χ^2/NDF : 15.3/15

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1527.950+/-0.846 χ^2/NDF : 1909183.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.080+/-0.624 χ^2/NDF : 2757734.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

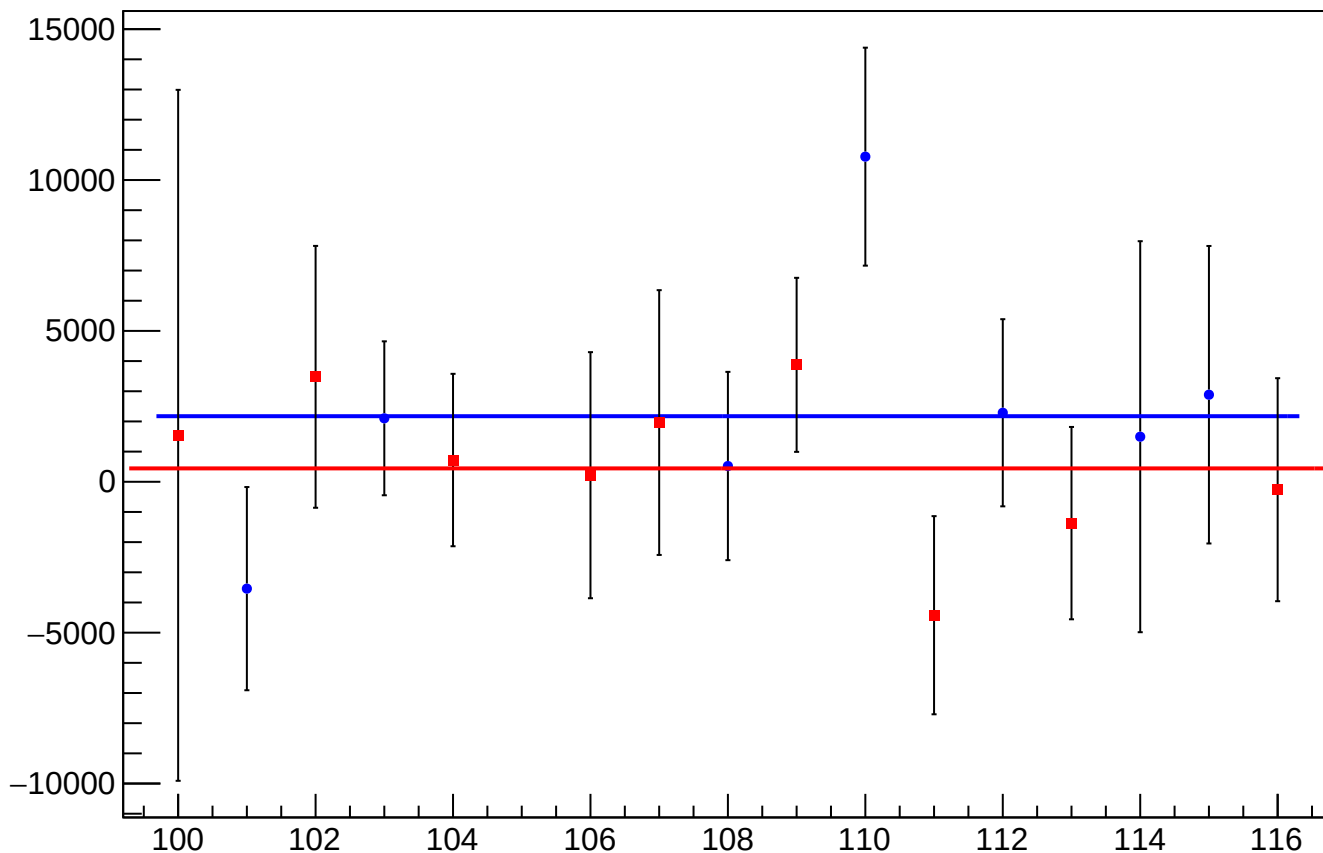
Right: 1369.286+/-0.502 χ^2/NDF : 4721183.1/15

In: 1527.950+/-0.846 χ^2/NDF : 1909183.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.286+/-0.502 χ^2/NDF : 4721183.1/15

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2173.395+/-1301.628 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.487+/-1212.627 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

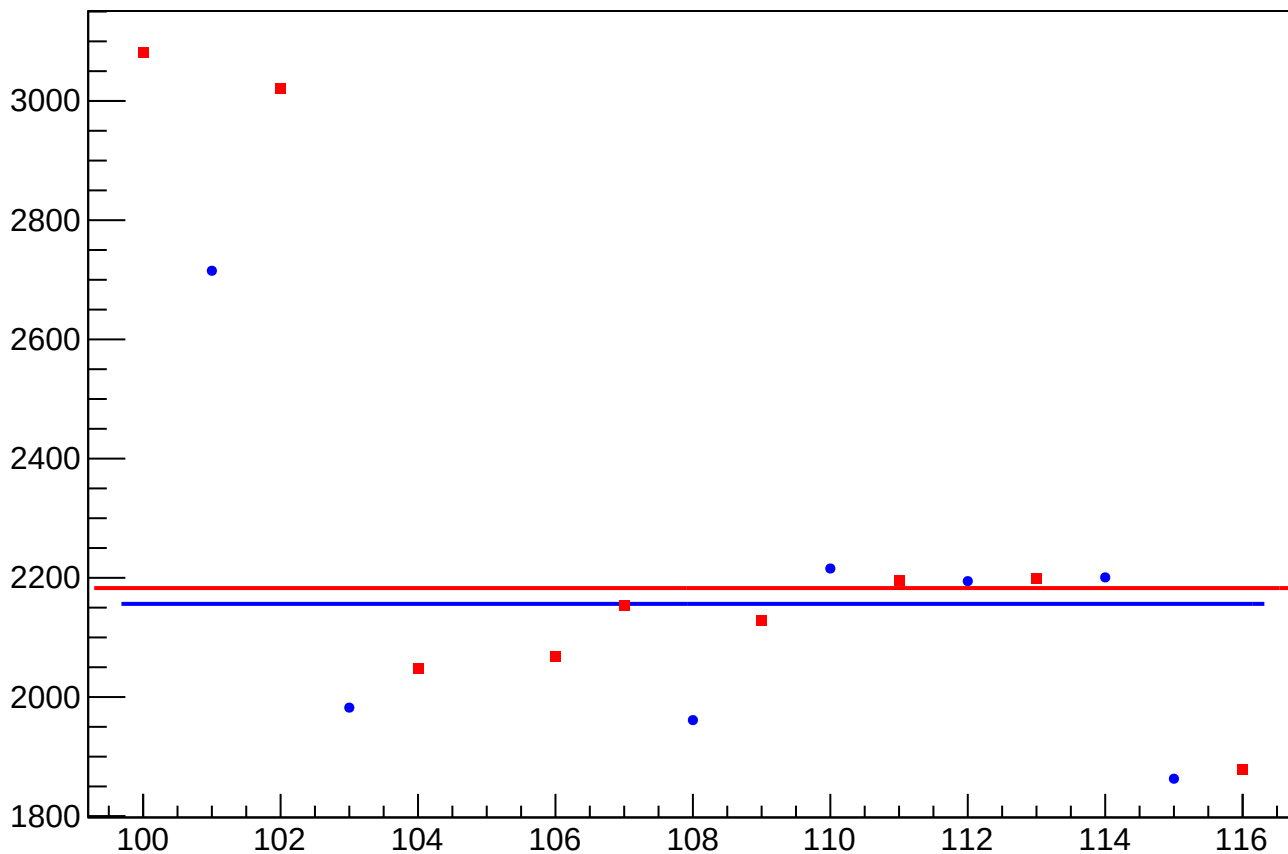
Right: 1247.281+/-887.254 χ^2/NDF : 14.4/15

In: 2173.395+/-1301.628 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1247.281+/-887.254 χ^2/NDF : 14.4/15

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2156.315+/-0.920 χ^2/NDF : 80231.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.820+/-0.855 χ^2/NDF : 107455.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

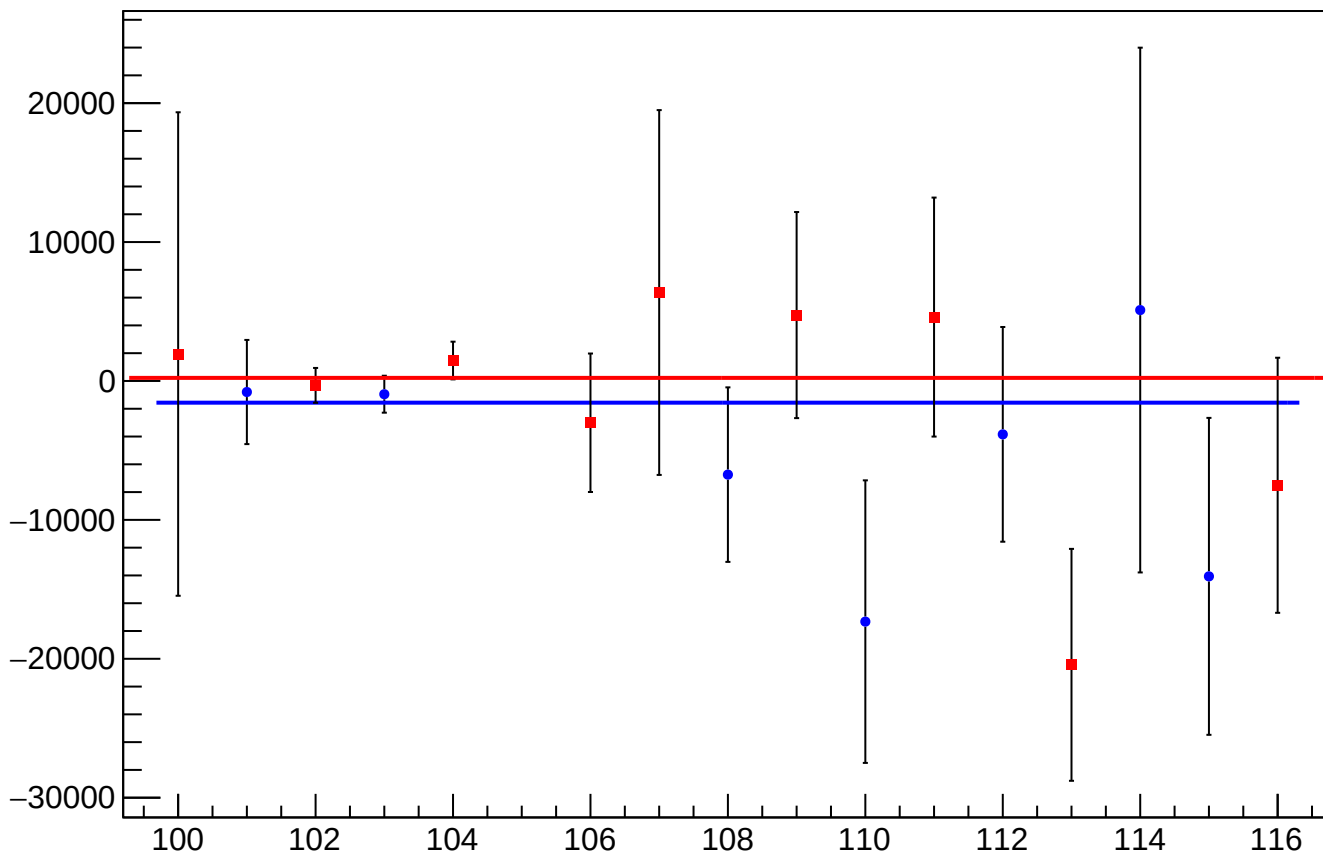
Right: 2170.535+/-0.627 χ^2/NDF : 188132.7/15

In: 2156.315+/-0.920 χ^2/NDF : 80231.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.535+/-0.627 χ^2/NDF : 188132.7/15

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1562.672+/-1196.631 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.951+/-882.047 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

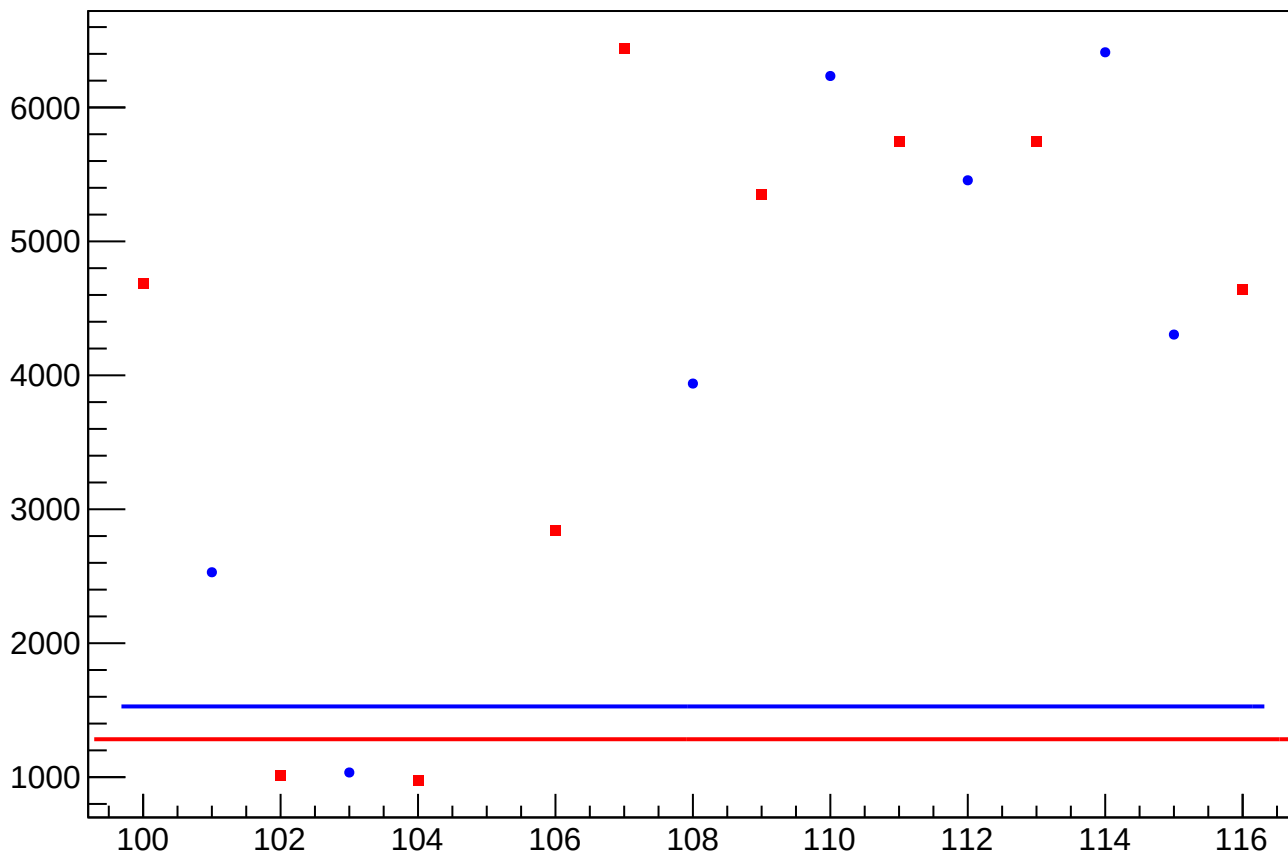
Right: -406.326+/-710.007 χ^2/NDF : 15.3/15

In: -1562.672+/-1196.631 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.326+/-710.007 χ^2/NDF : 15.3/15

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1527.949+/-0.846 χ^2/NDF : 1909182.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.079+/-0.624 χ^2/NDF : 2757732.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

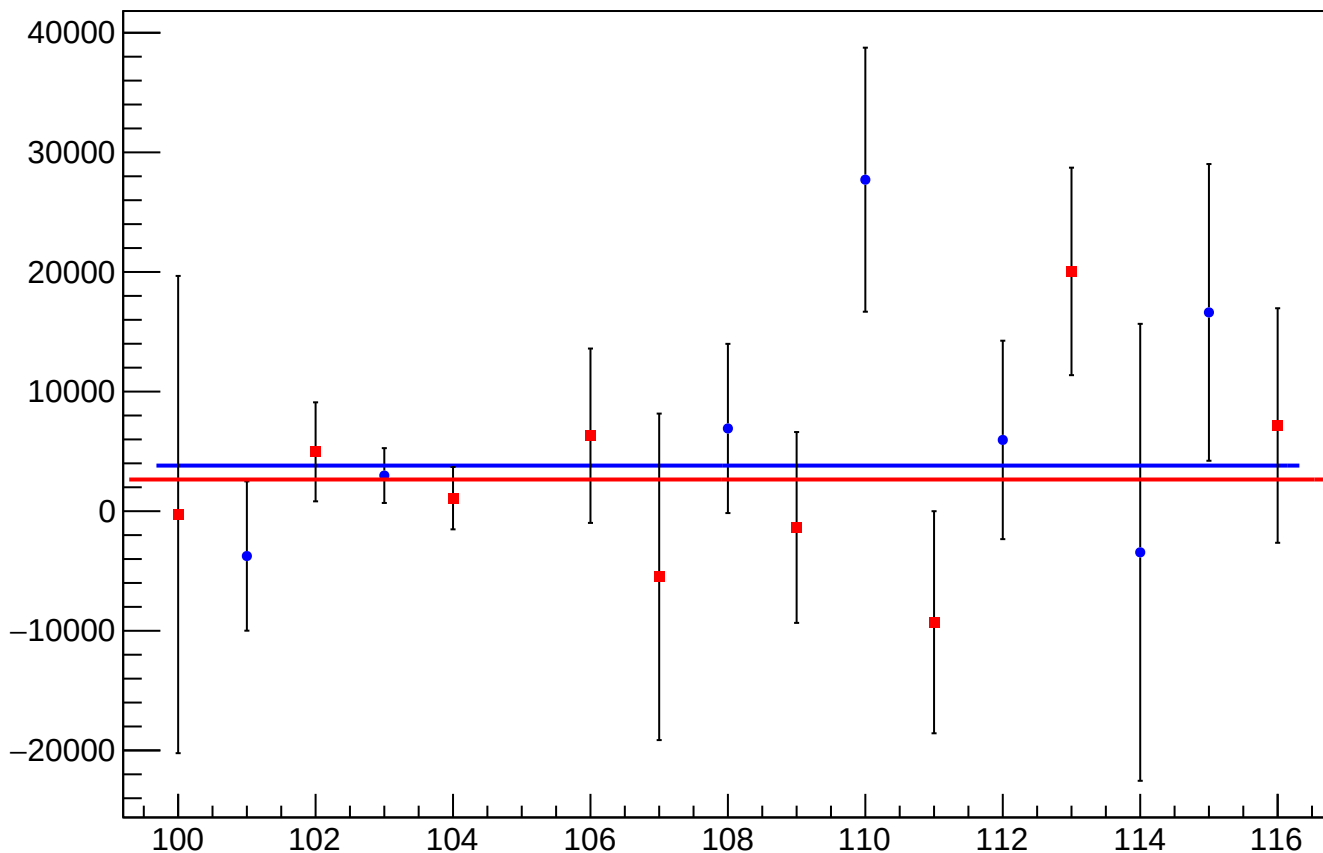
Right: 1369.286+/-0.502 χ^2/NDF : 4721180.8/15

In: 1527.949+/-0.846 χ^2/NDF : 1909182.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.286+/-0.502 χ^2/NDF : 4721180.8/15

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3812.728+/-1931.612 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.397+/-1878.927 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

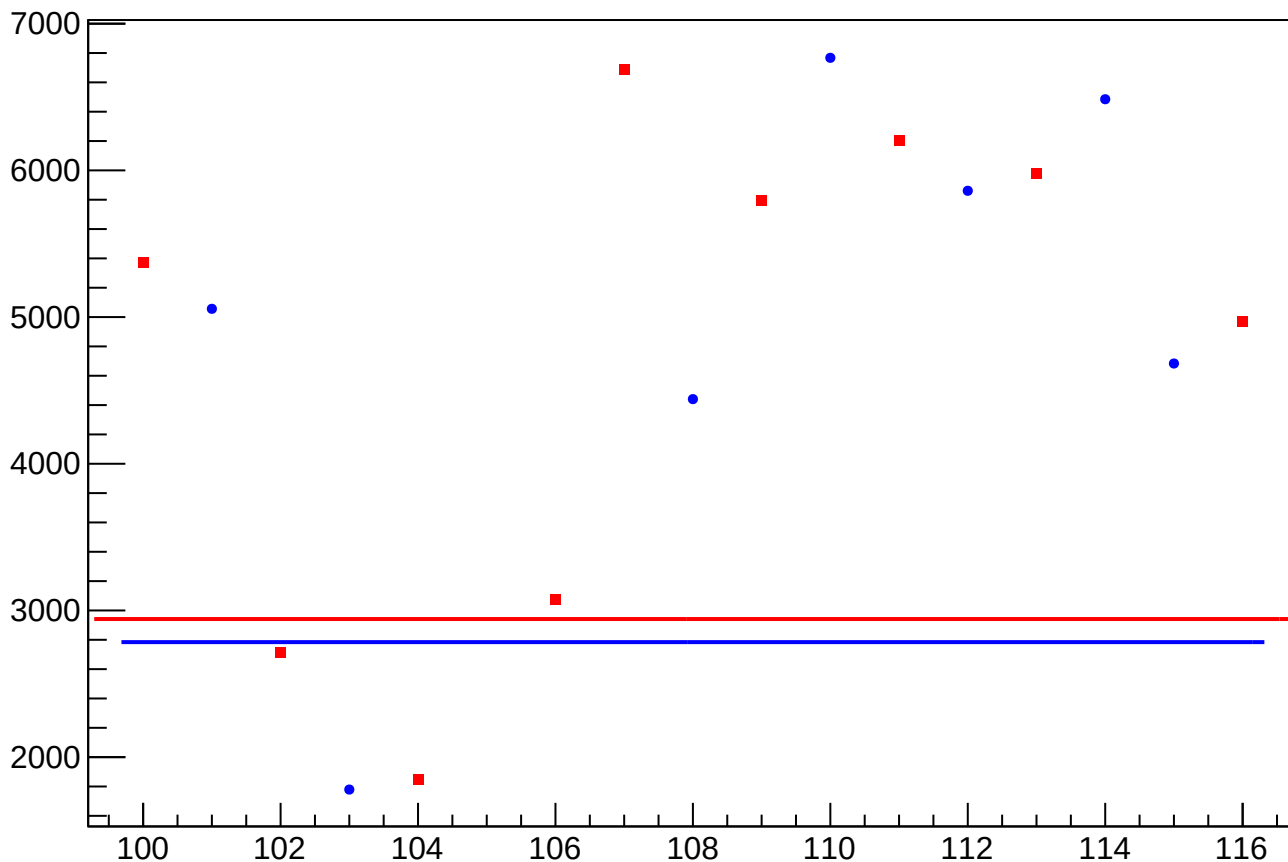
Right: 3214.981+/-1346.843 χ^2/NDF : 15.4/15

In: 3812.728+/-1931.612 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3214.981+/-1346.843 χ^2/NDF : 15.4/15

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2784.156+/-1.366 χ^2/NDF : 1416954.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2941.568+/-1.309 χ^2/NDF : 1371246.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

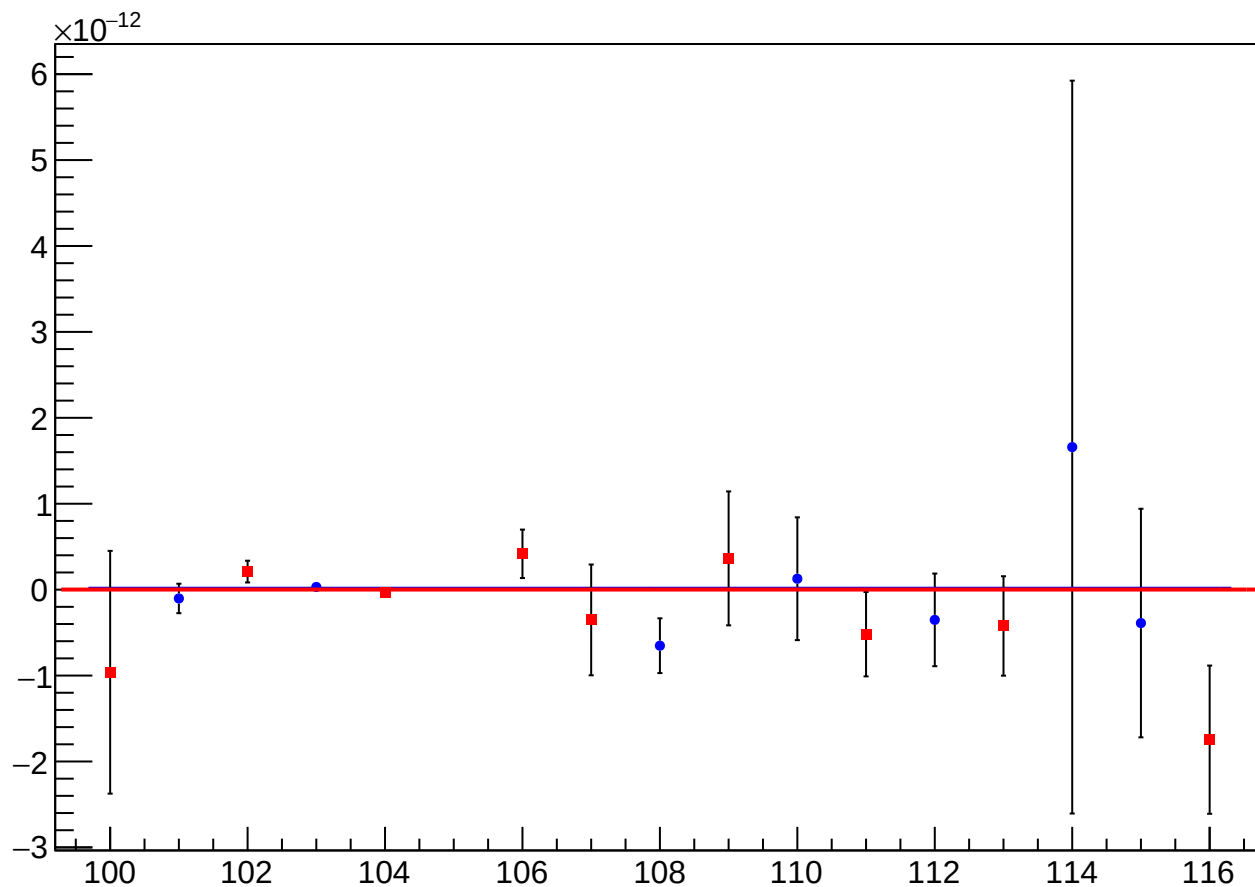
Right: 2866.188+/-0.945 χ^2/NDF : 2795123.0/15

In: 2784.156+/-1.366 χ^2/NDF : 1416954.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.188+/-0.945 χ^2/NDF : 2795123.0/15

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

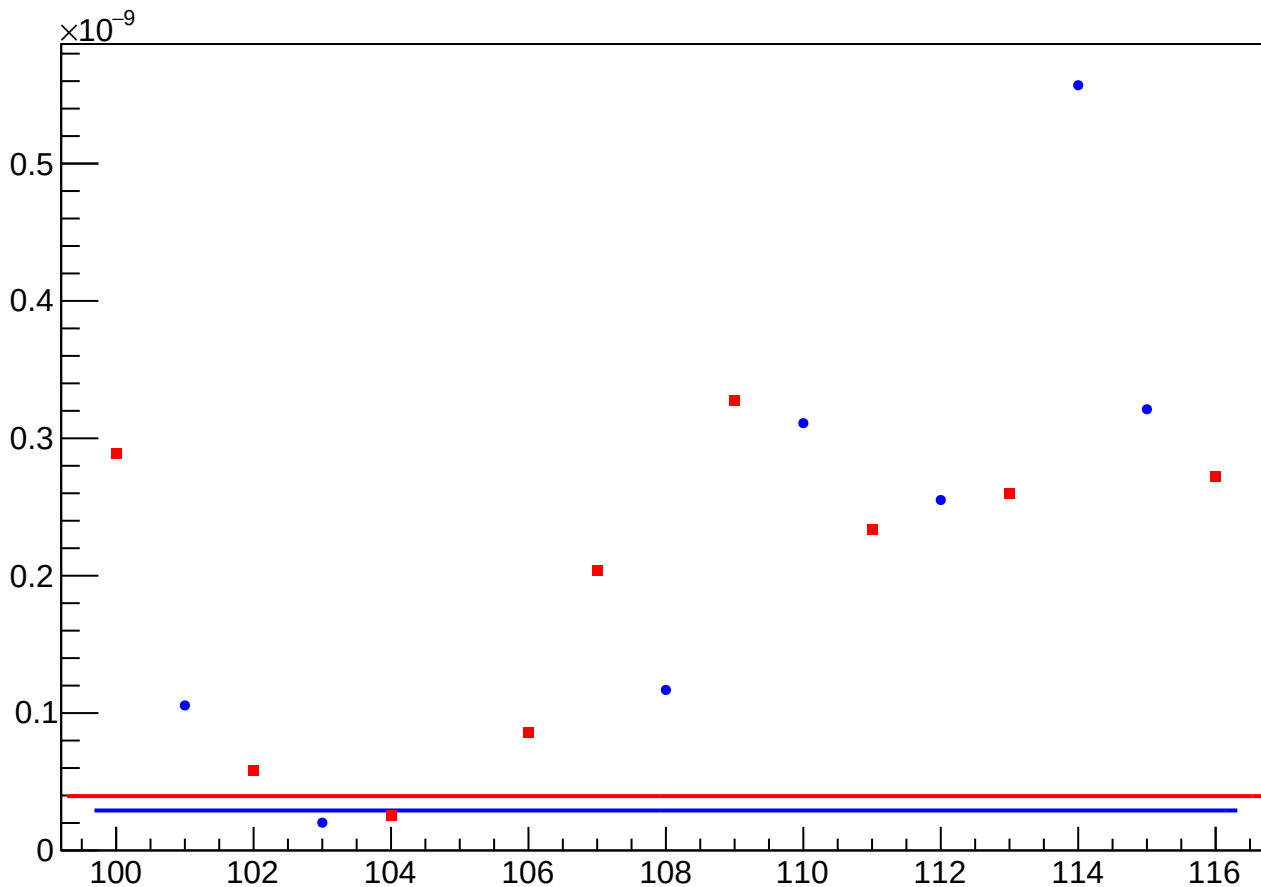
Right: 0.000+/-0.000 χ^2/NDF : 17.8/15

In: 0.000+/-0.000 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/15

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1427245.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1436042.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

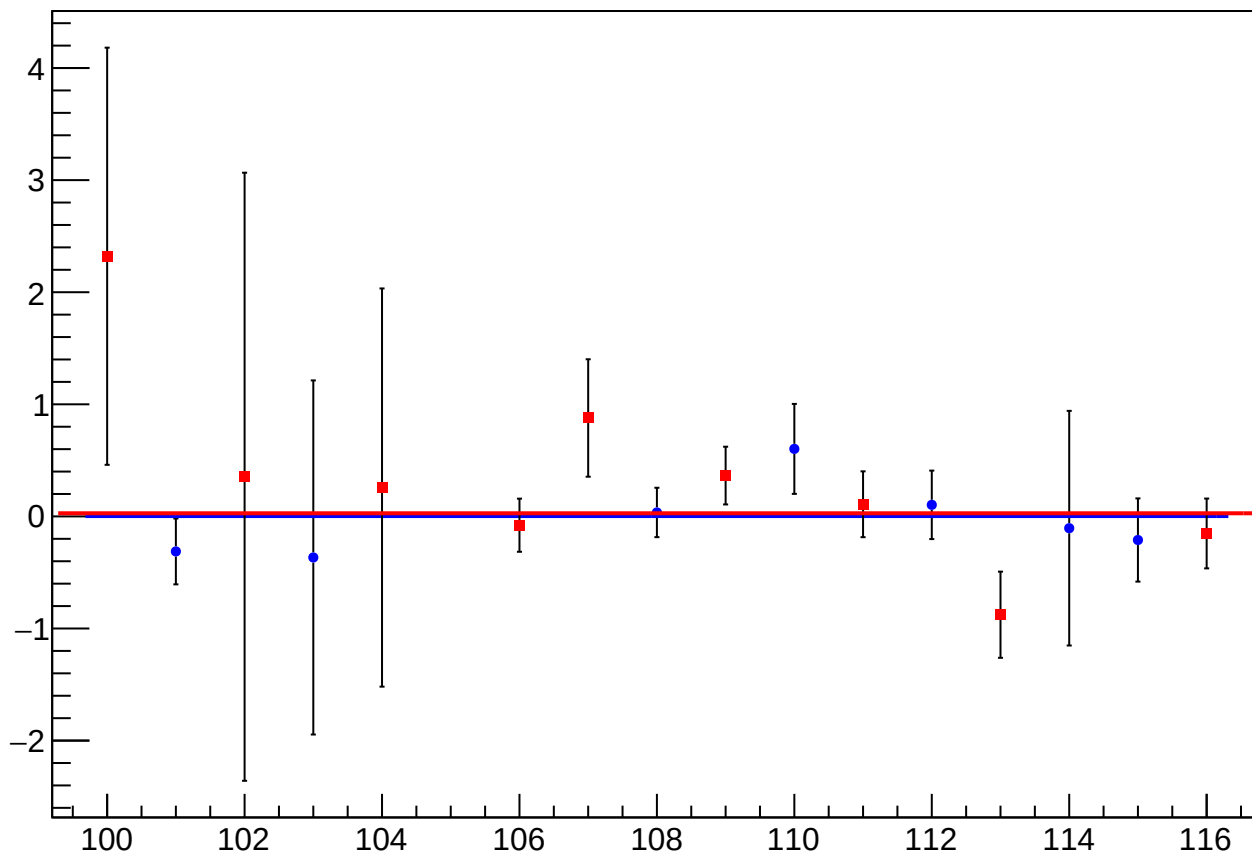
Right: 0.000+/-0.000 χ^2/NDF : 2917282.3/15

In: 0.000+/-0.000 χ^2/NDF : 1427245.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2917282.3/15

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.132 χ^2 /NDF: 3.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

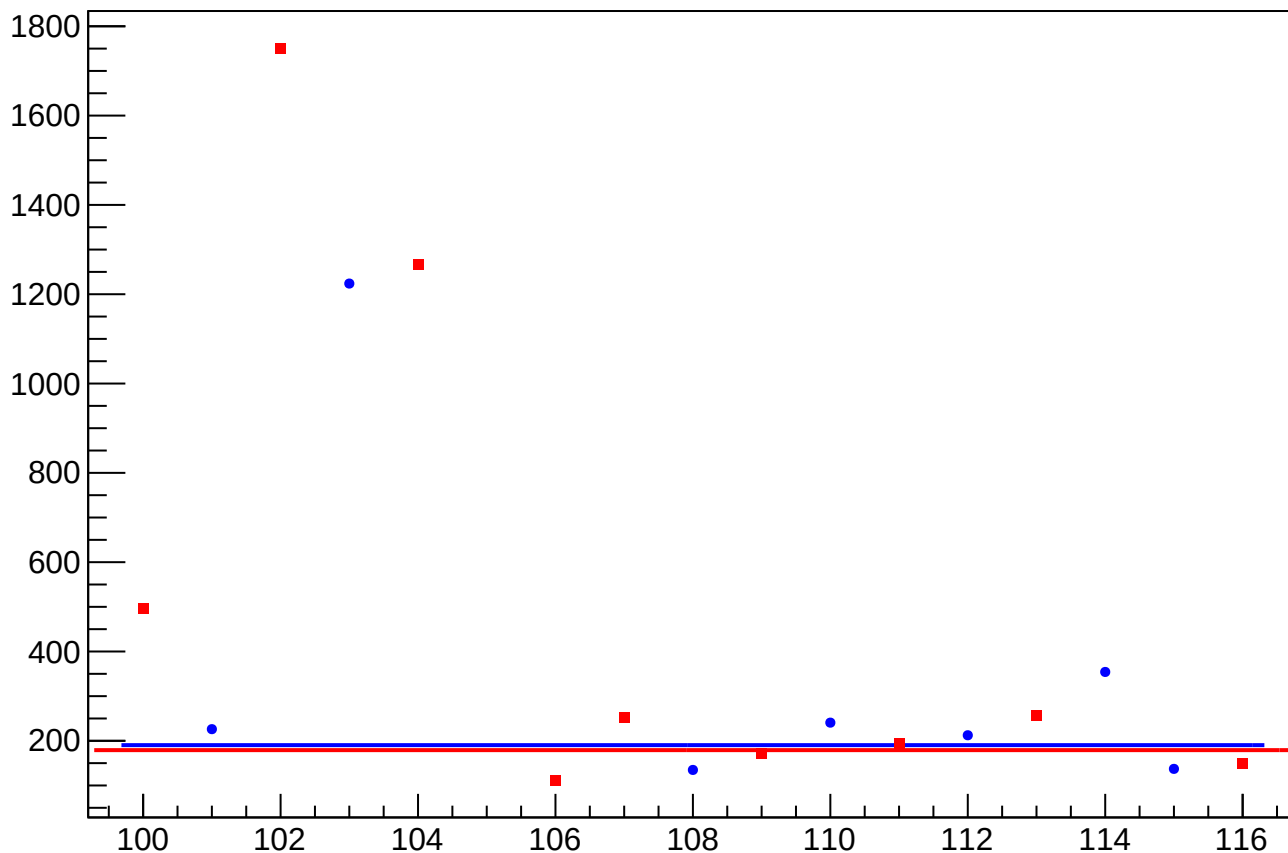
Right: 0.016 $\pm$ 0.090 χ^2 /NDF: 16.0/15

In: 0.003 $\pm$ 0.132 χ^2 /NDF:3.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.090 χ^2 /NDF: 16.0/15

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.303+/-0.093 χ^2/NDF : 1145105.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.127+/-0.087 χ^2/NDF : 1791052.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

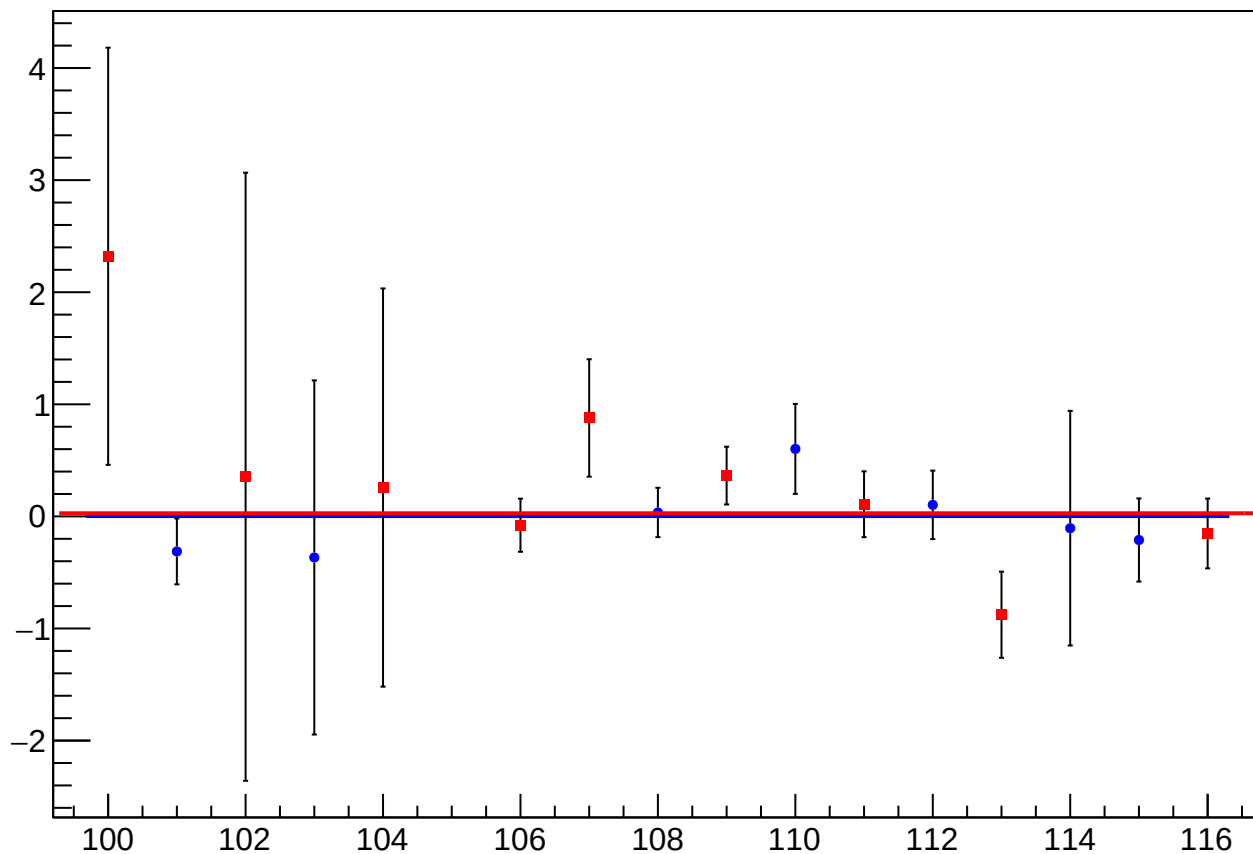
Right: 184.343+/-0.064 χ^2/NDF : 2943844.7/15

In: 190.303+/-0.093 χ^2/NDF : 1145105.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.343+/-0.064 χ^2/NDF : 2943844.7/15

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.132 χ^2 /NDF: 3.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

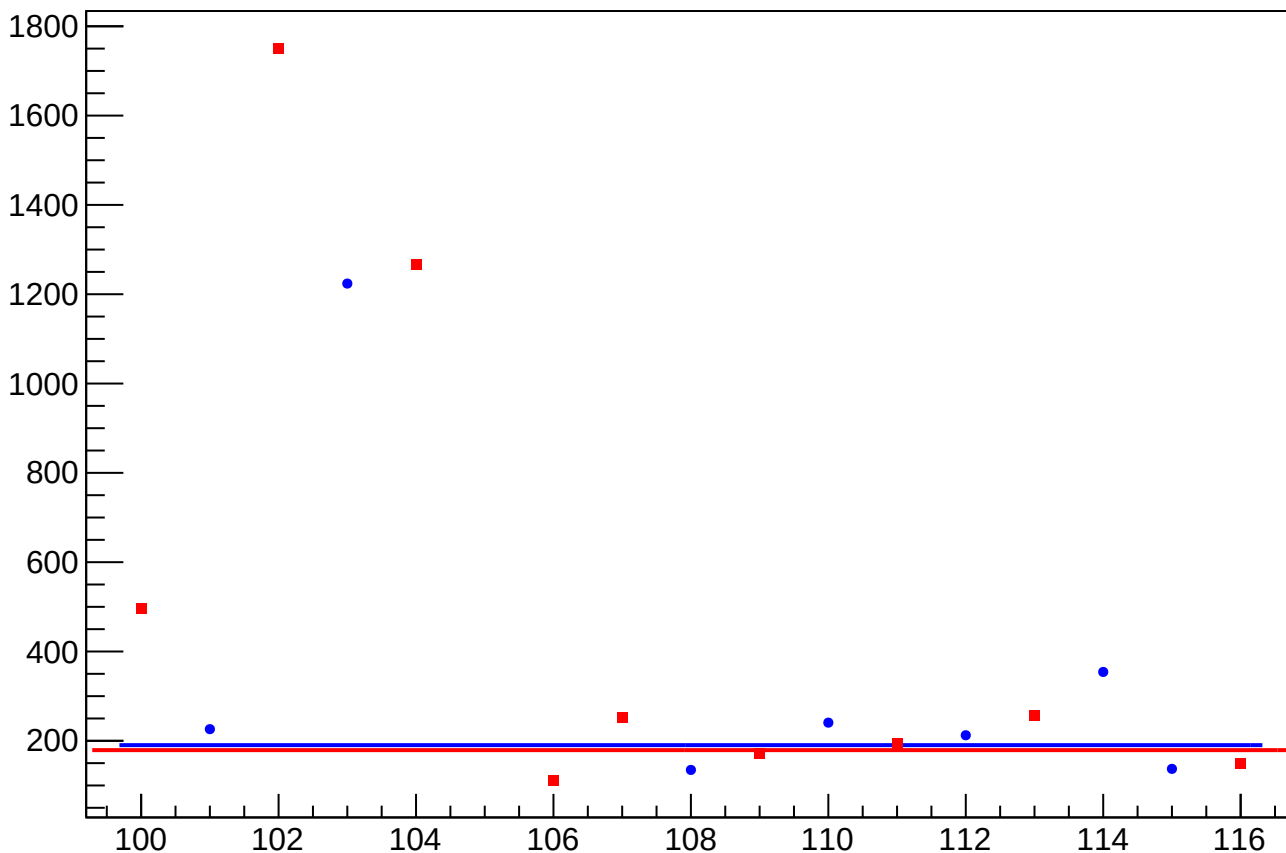
Right: 0.016 $\pm$ 0.090 χ^2 /NDF: 16.0/15

In: 0.003 $\pm$ 0.132 χ^2 /NDF:3.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.090 χ^2 /NDF: 16.0/15

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.303+/-0.093 χ^2/NDF : 1145105.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.127+/-0.087 χ^2/NDF : 1791052.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

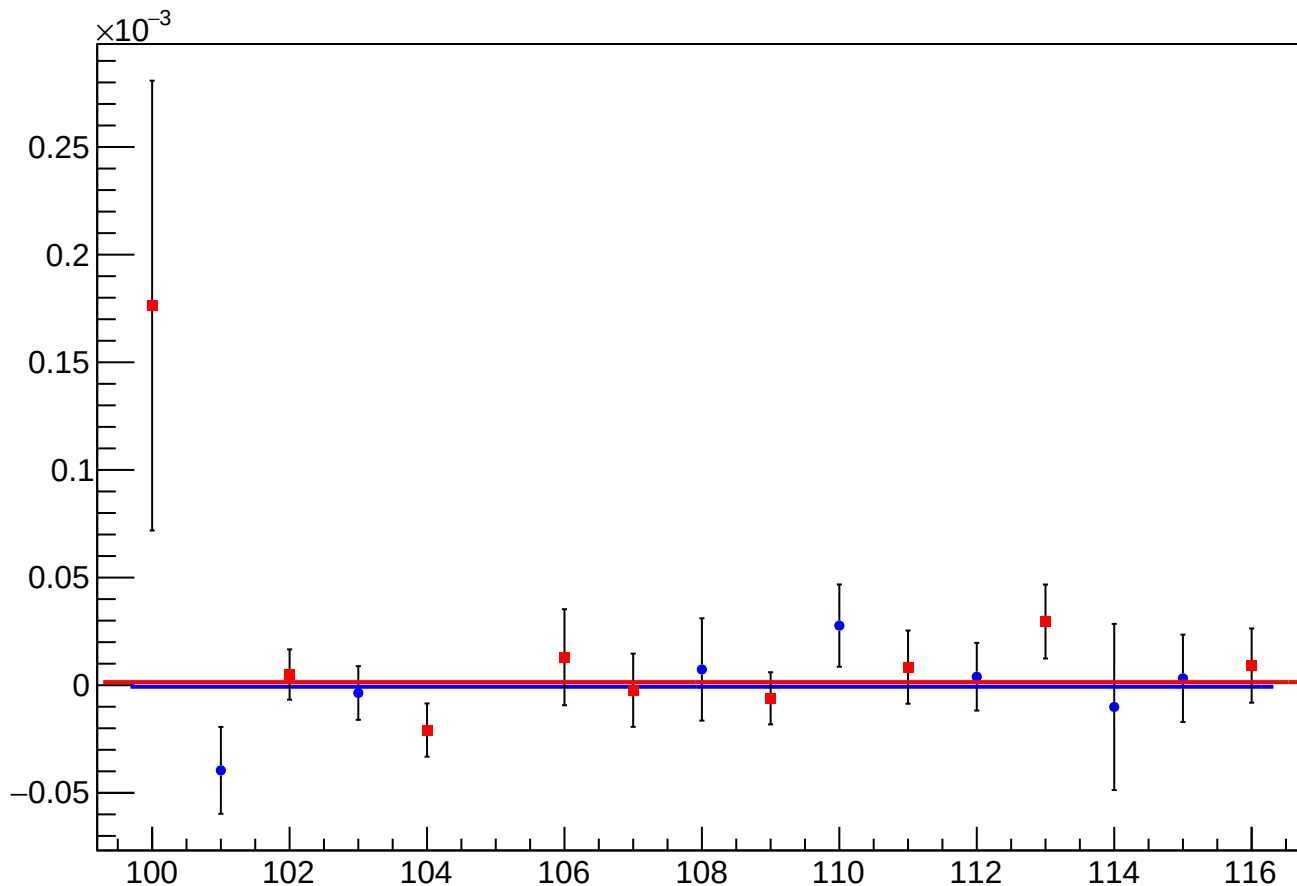
Right: 184.343+/-0.064 χ^2/NDF : 2943844.7/15

In: 190.303+/-0.093 χ^2/NDF : 1145105.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.343+/-0.064 χ^2/NDF : 2943844.7/15

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

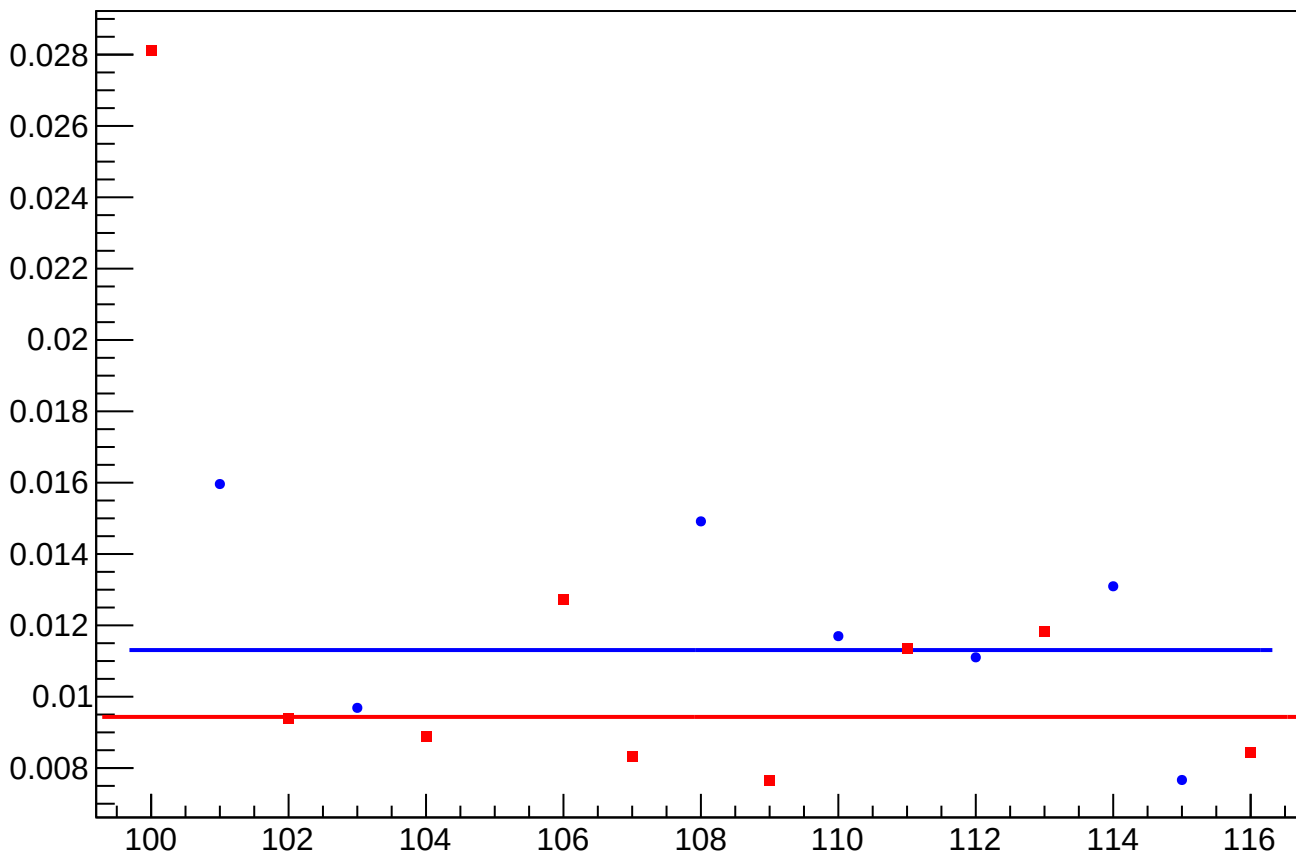
Right: 0.000+/-0.000 χ^2/NDF : 16.2/15

In: -0.000+/-0.000 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/15

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 256070.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 234184.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

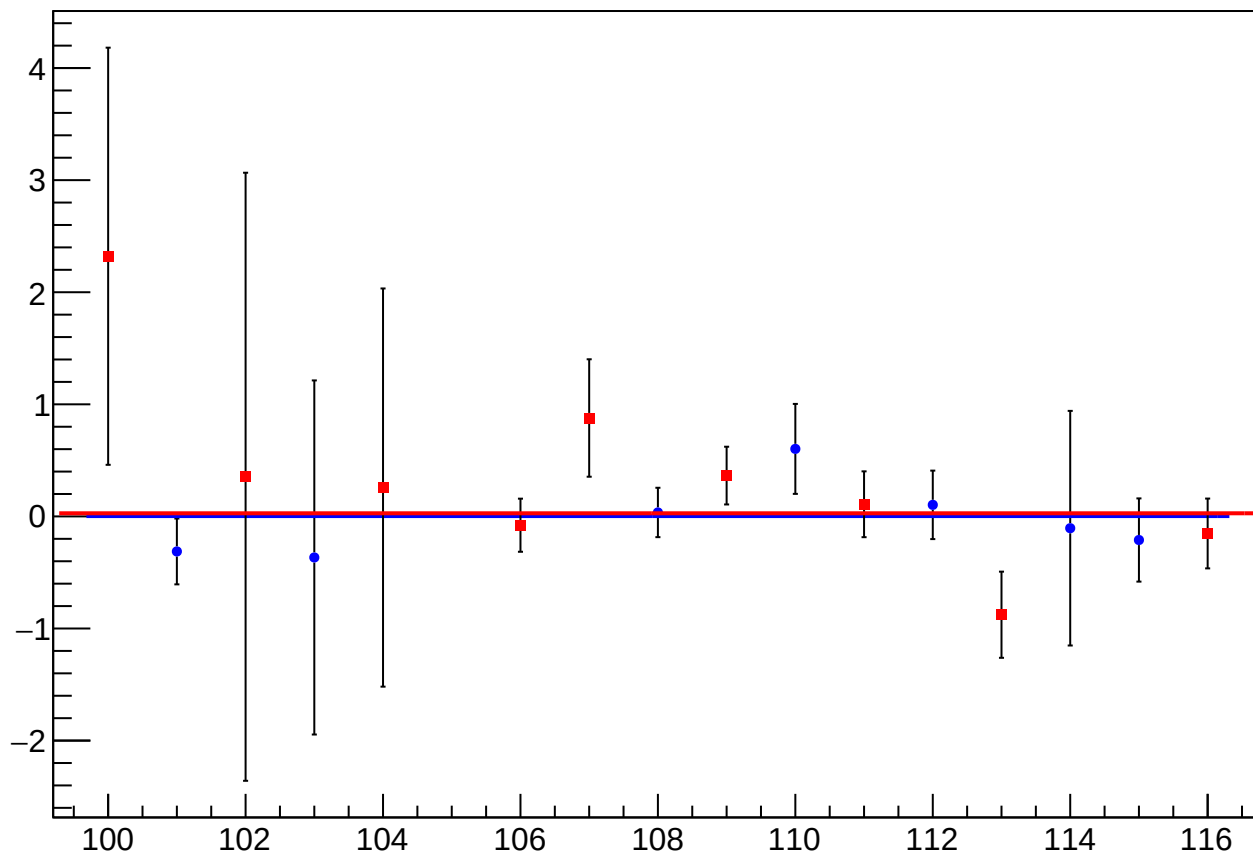
Right: 0.010+/-0.000 χ^2/NDF : 582544.6/15

In: 0.011+/-0.000 χ^2/NDF : 256070.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 582544.6/15

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.003 $\pm$ 0.132 χ^2 /NDF: 3.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

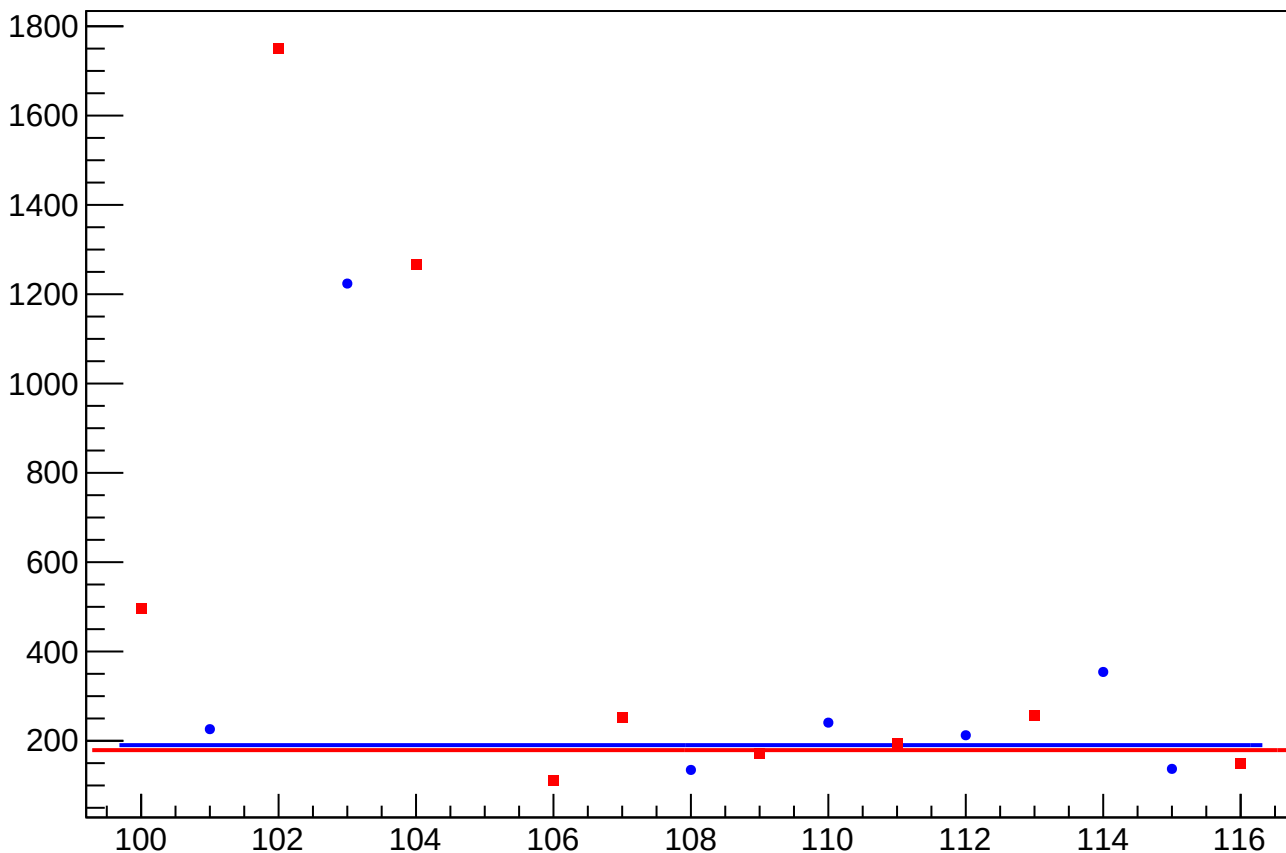
Right: 0.016 $\pm$ 0.090 χ^2 /NDF: 16.0/15

In: 0.003 $\pm$ 0.132 χ^2 /NDF:3.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.090 χ^2 /NDF: 16.0/15

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.303+/-0.093 χ^2/NDF : 1145108.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.126+/-0.087 χ^2/NDF : 1791073.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

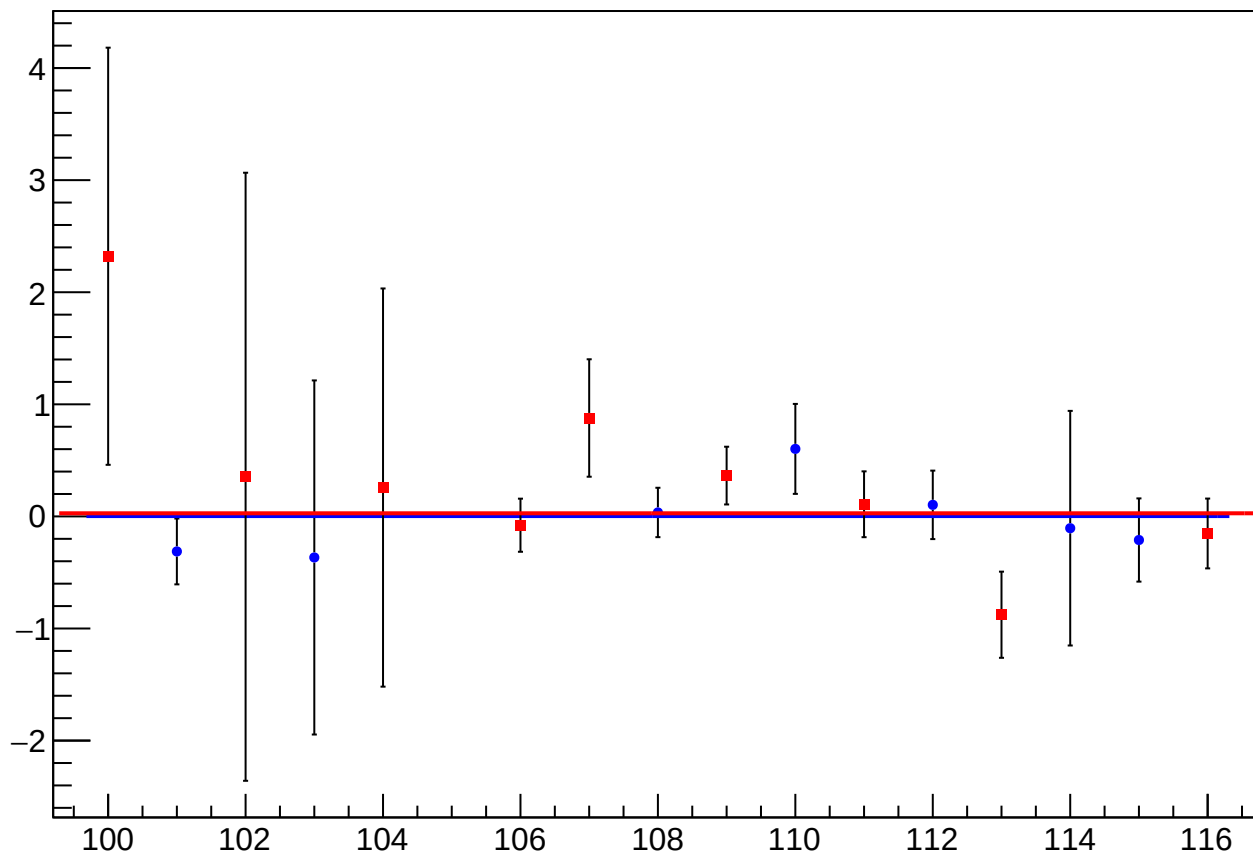
Right: 184.342+/-0.064 χ^2/NDF : 2943871.8/15

In: 190.303+/-0.093 χ^2/NDF : 1145108.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.342+/-0.064 χ^2/NDF : 2943871.8/15

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.132 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.123 χ^2/NDF : 12.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

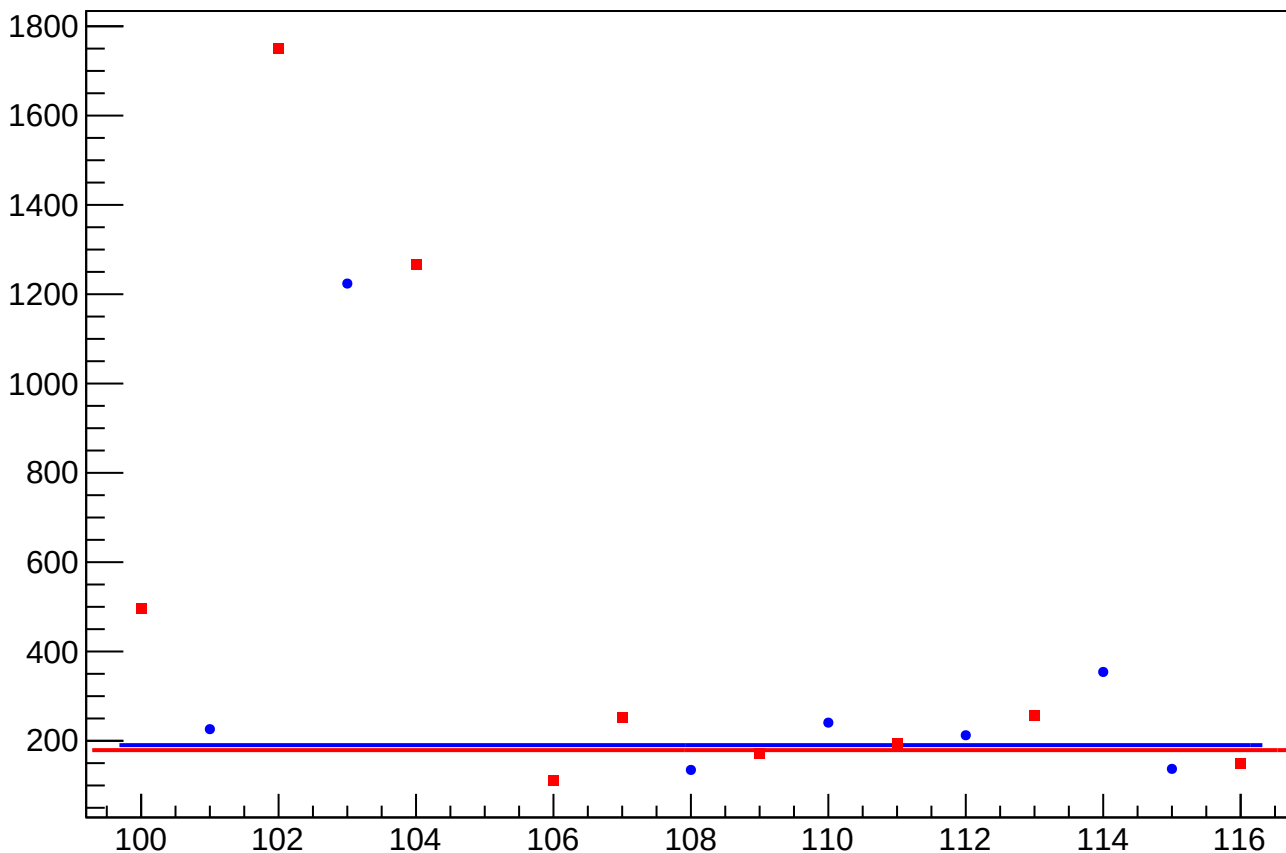
Right: 0.016+/-0.090 χ^2/NDF : 16.0/15

In: 0.003+/-0.132 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.090 χ^2/NDF : 16.0/15

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 190.303+/-0.093 χ^2/NDF : 1145108.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.126+/-0.087 χ^2/NDF : 1791073.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

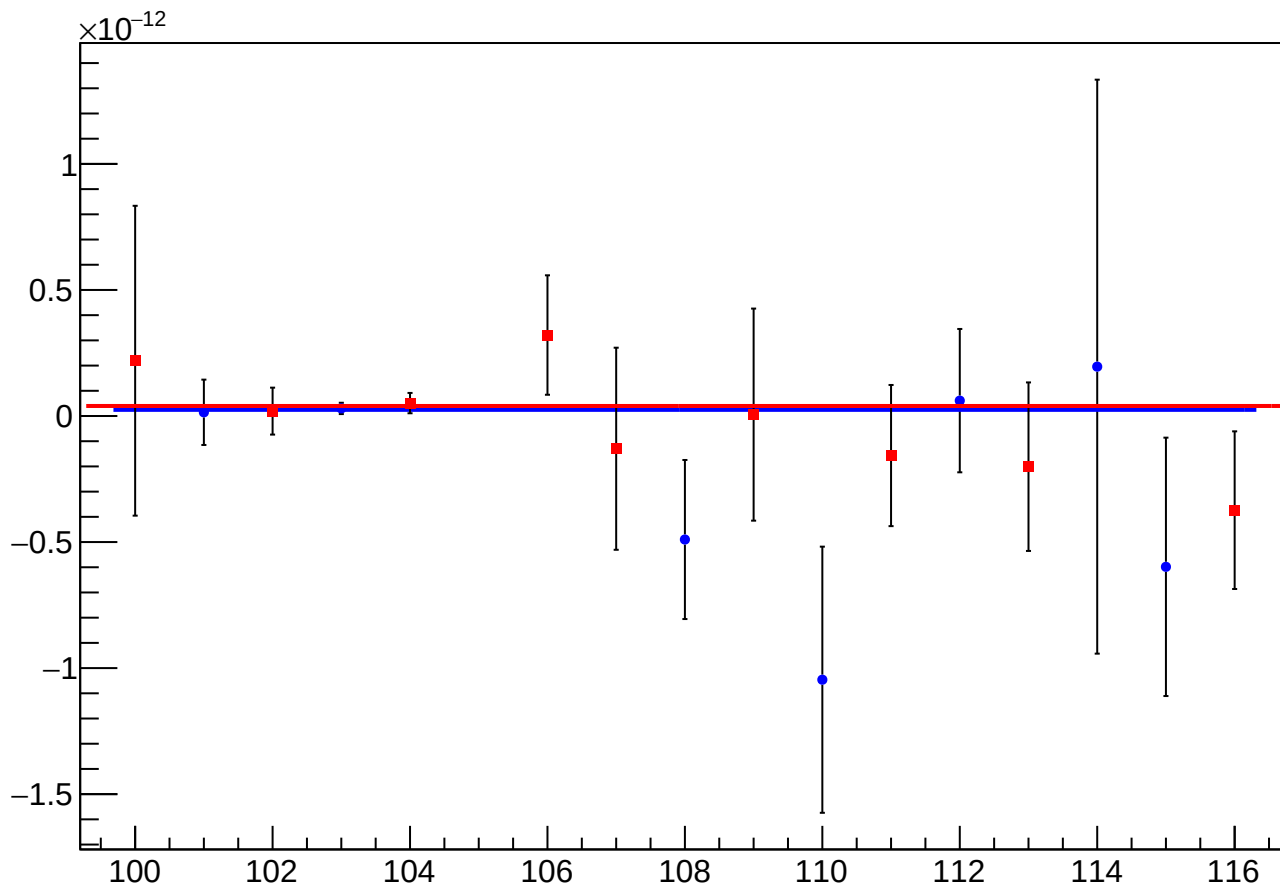
Right: 184.342+/-0.064 χ^2/NDF : 2943871.8/15

In: 190.303+/-0.093 χ^2/NDF : 1145108.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.342+/-0.064 χ^2/NDF : 2943871.8/15

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

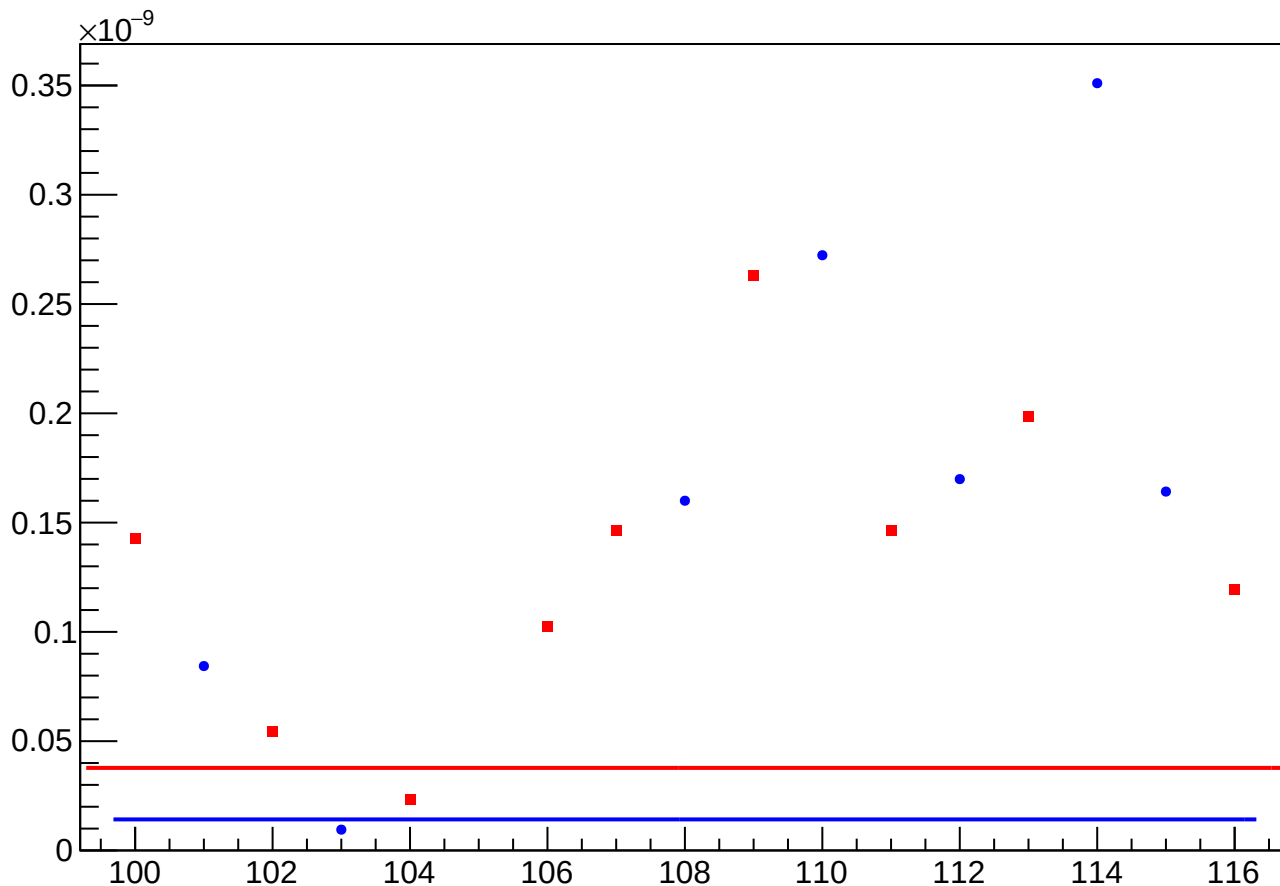
Right: 0.000+/-0.000 χ^2/NDF : 13.1/15

In: 0.000+/-0.000 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/15

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2525397.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2155391.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

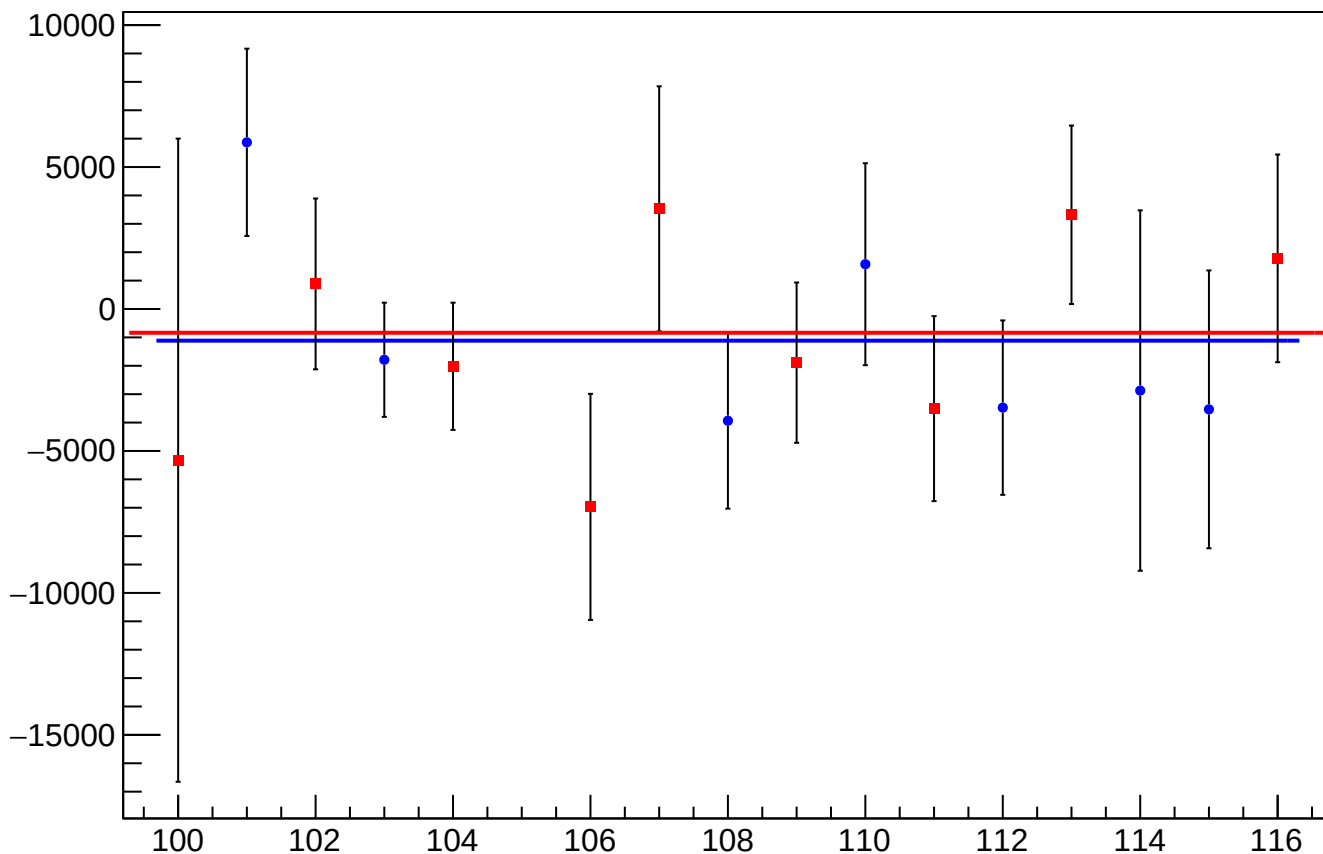
Right: 0.000+/-0.000 χ^2/NDF : 5319415.7/15

In: 0.000+/-0.000 χ^2/NDF : 2525397.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5319415.7/15

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1114.549+/-1199.646 χ^2/NDF : 6.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.025+/-1097.755 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

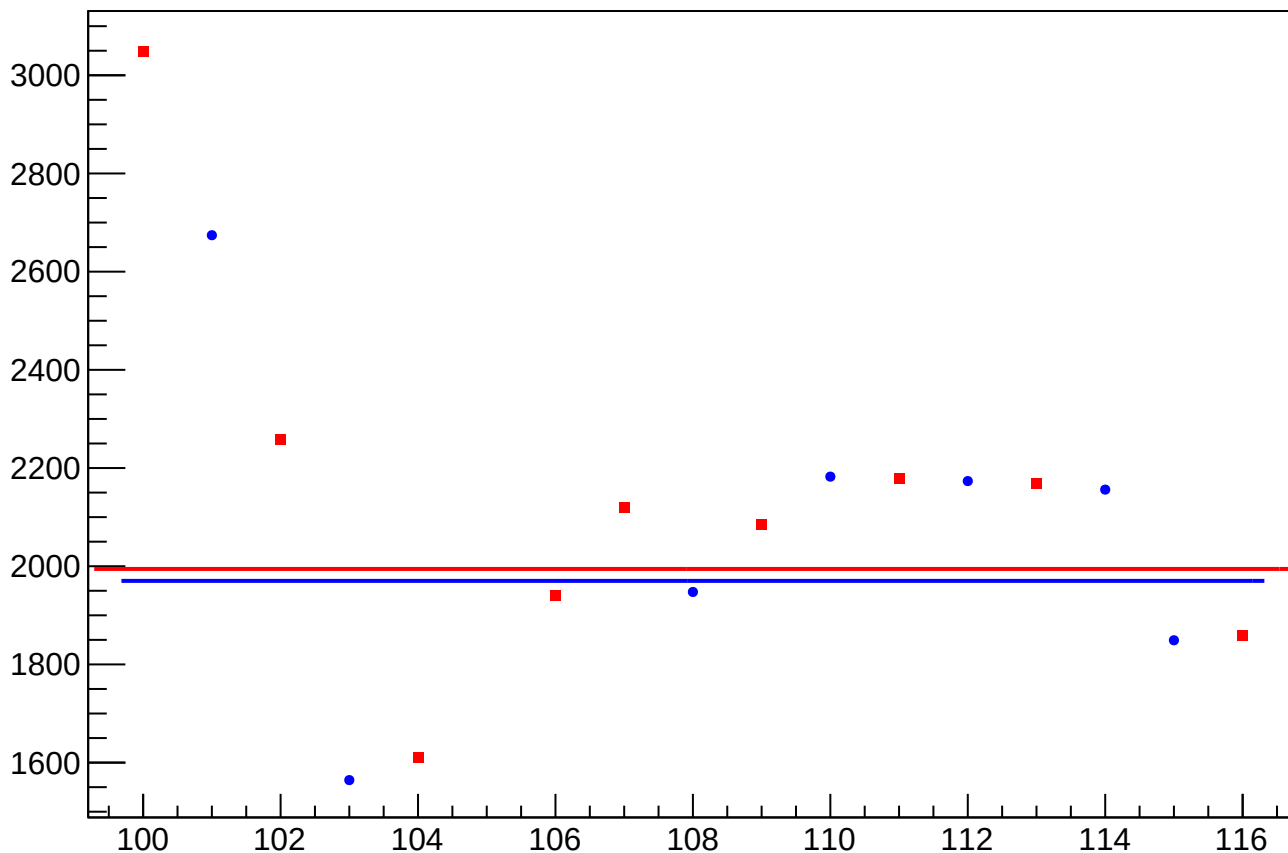
Right: -963.503+/-809.860 χ^2/NDF : 14.2/15

In: -1114.549+/-1199.646 χ^2/NDF : 6.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -963.503+/-809.860 χ^2/NDF : 14.2/15

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1970.148+/-0.848 χ^2/NDF : 191461.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1994.485+/-0.772 χ^2/NDF : 110998.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

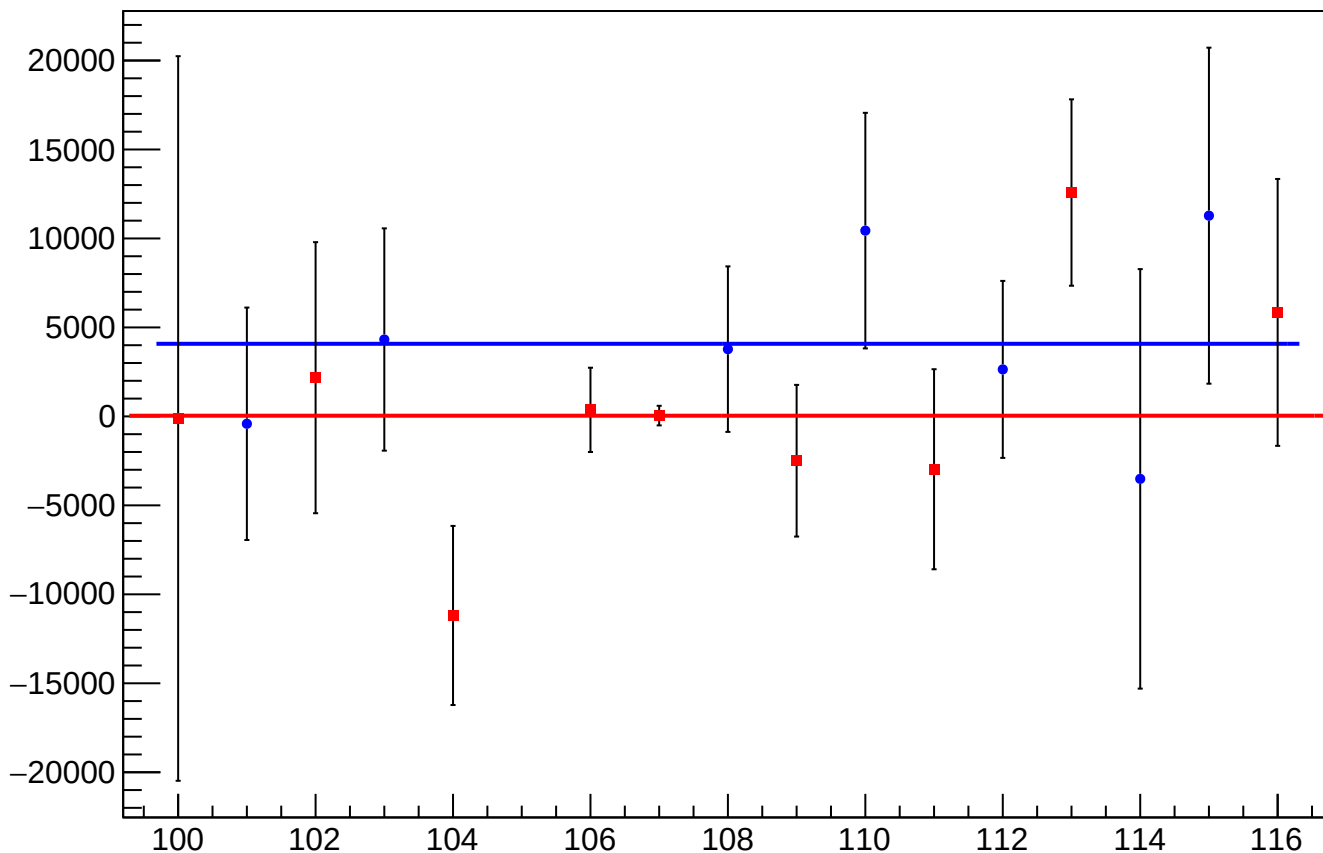
Right: 1983.461+/-0.571 χ^2/NDF : 302910.0/15

In: 1970.148+/-0.848 χ^2/NDF : 191461.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.461+/-0.571 χ^2/NDF : 302910.0/15

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4079.858 $\pm$ 2377.182 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.985 $\pm$ 521.337 χ^2 /NDF: 12.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

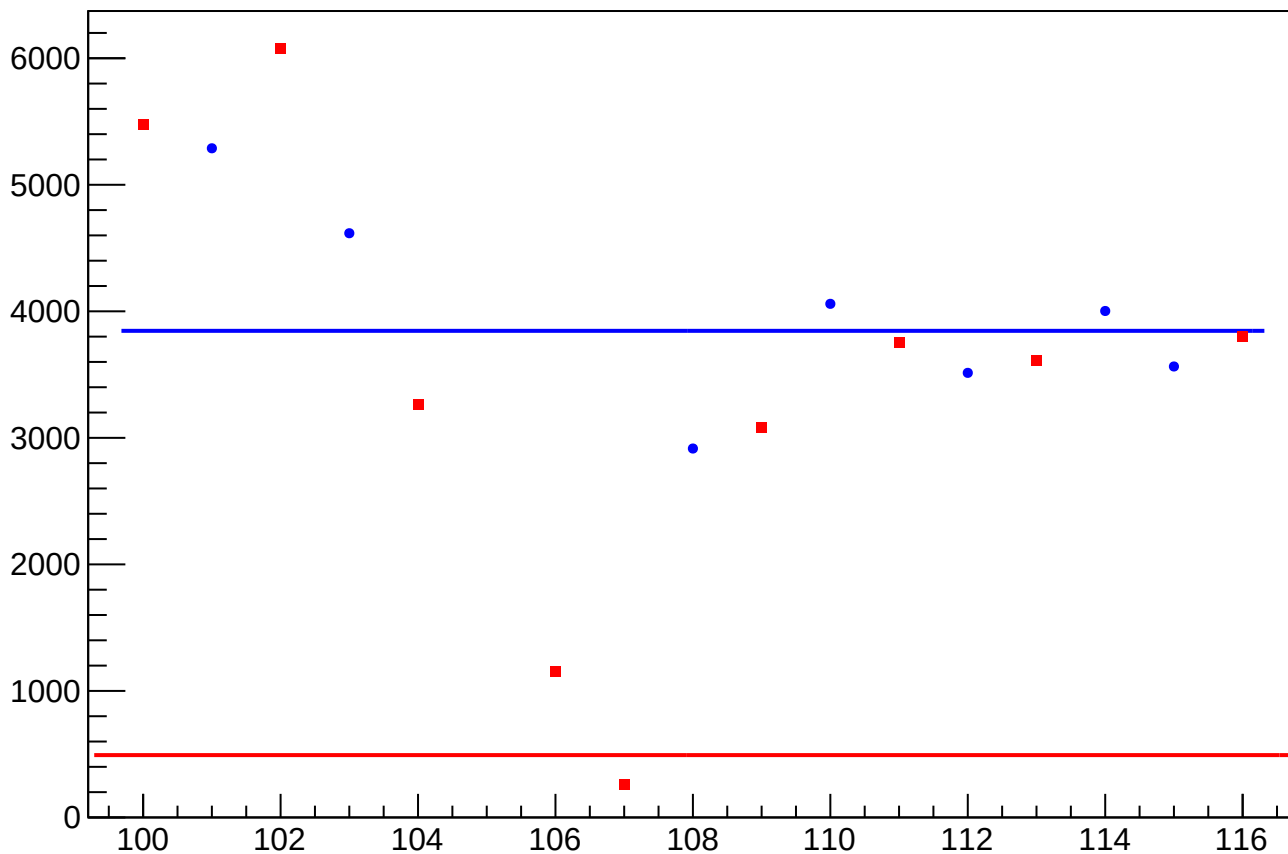
Right: 223.464 $\pm$ 509.235 χ^2 /NDF: 17.3/15

In: 4079.858 $\pm$ 2377.182 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.464 $\pm$ 509.235 χ^2 /NDF: 17.3/15

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3845.763+/-1.681 χ^2/NDF : 221205.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.763+/-0.369 χ^2/NDF : 4811545.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

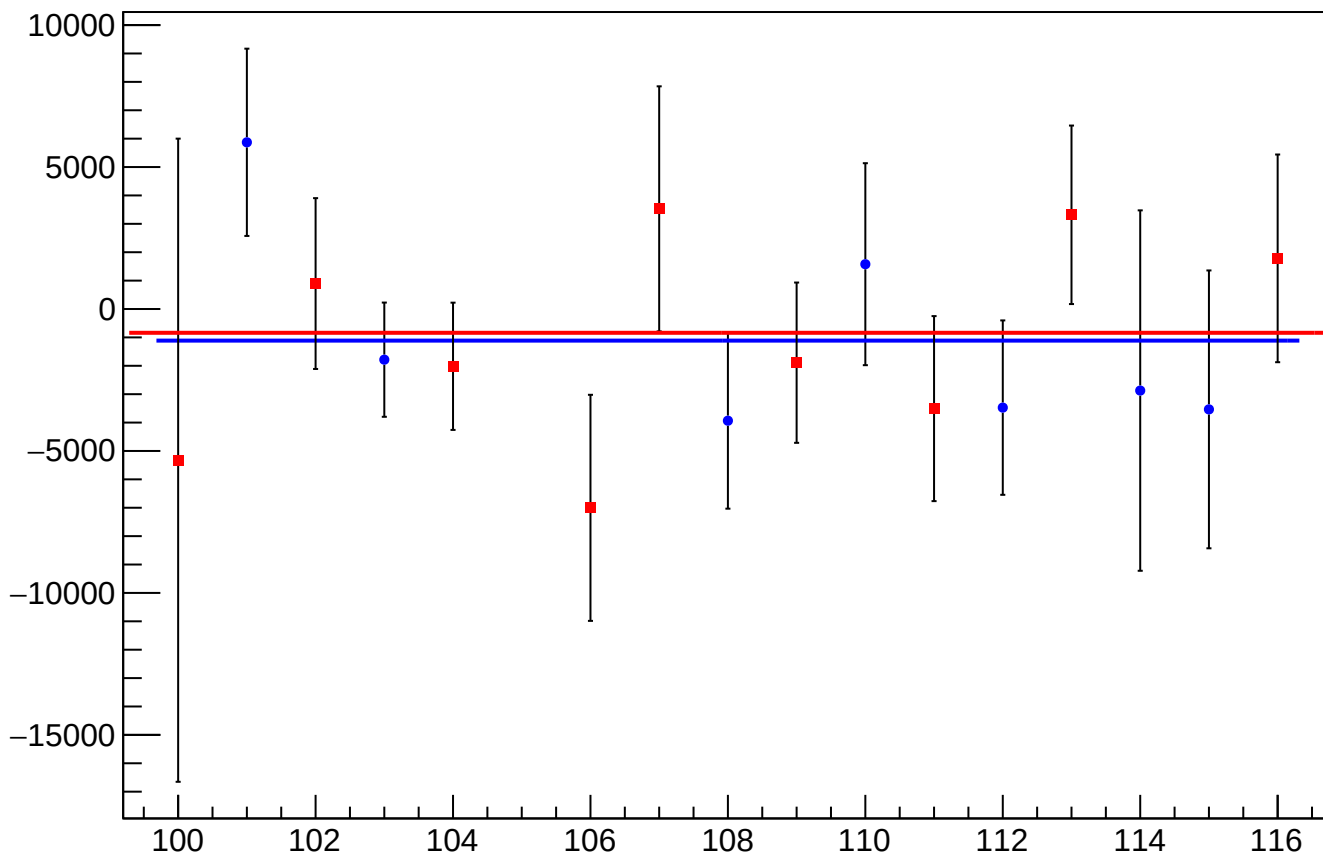
Right: 646.630+/-0.360 χ^2/NDF : 8829144.7/15

In: 3845.763+/-1.681 χ^2/NDF : 221205.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.630+/-0.360 χ^2/NDF : 8829144.7/15

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1113.146+/-1199.647 χ^2/NDF : 6.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.923+/-1097.761 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

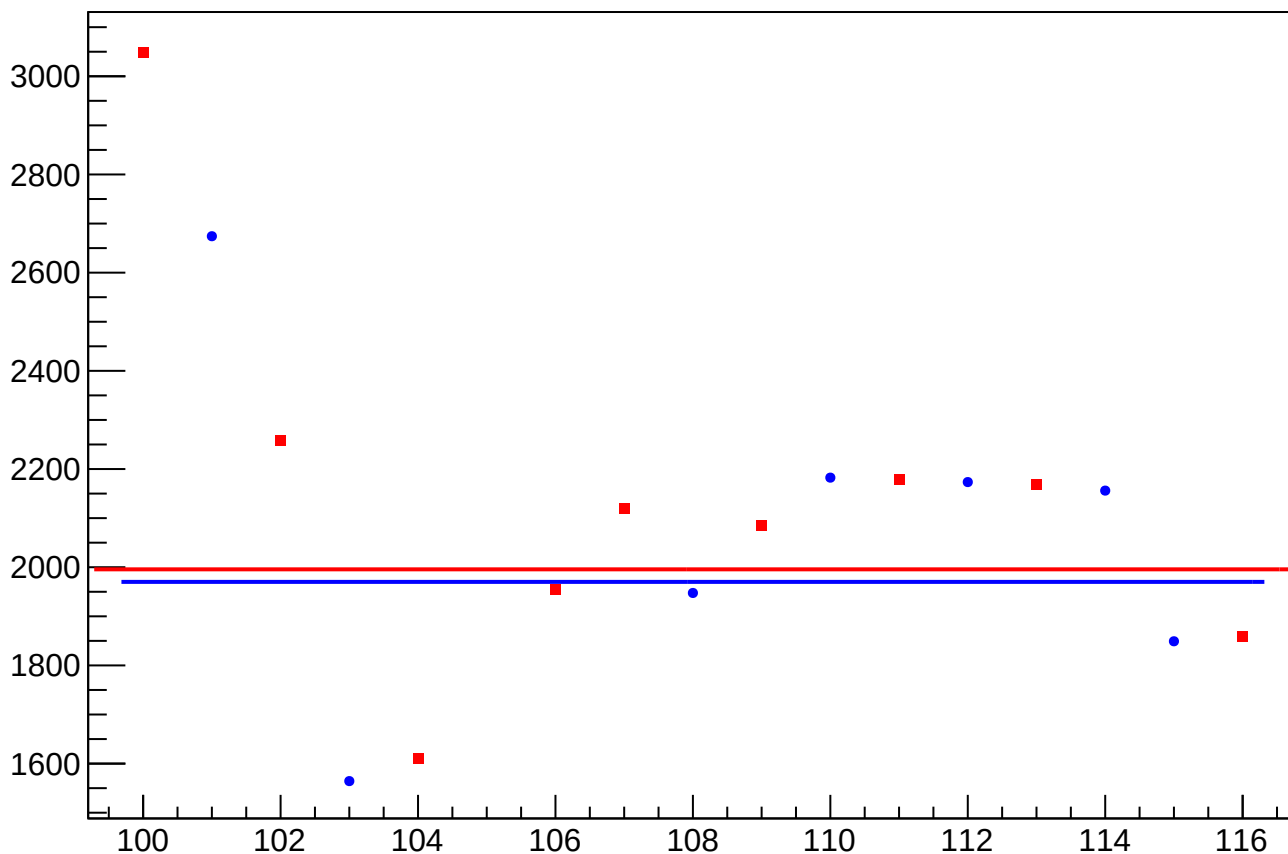
Right: -963.353+/-809.863 χ^2/NDF : 14.2/15

In: -1113.146+/-1199.647 χ^2/NDF : 6.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -963.353+/-809.863 χ^2/NDF : 14.2/15

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1970.150+/-0.848 χ^2/NDF : 191460.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1995.701+/-0.772 χ^2/NDF : 110808.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

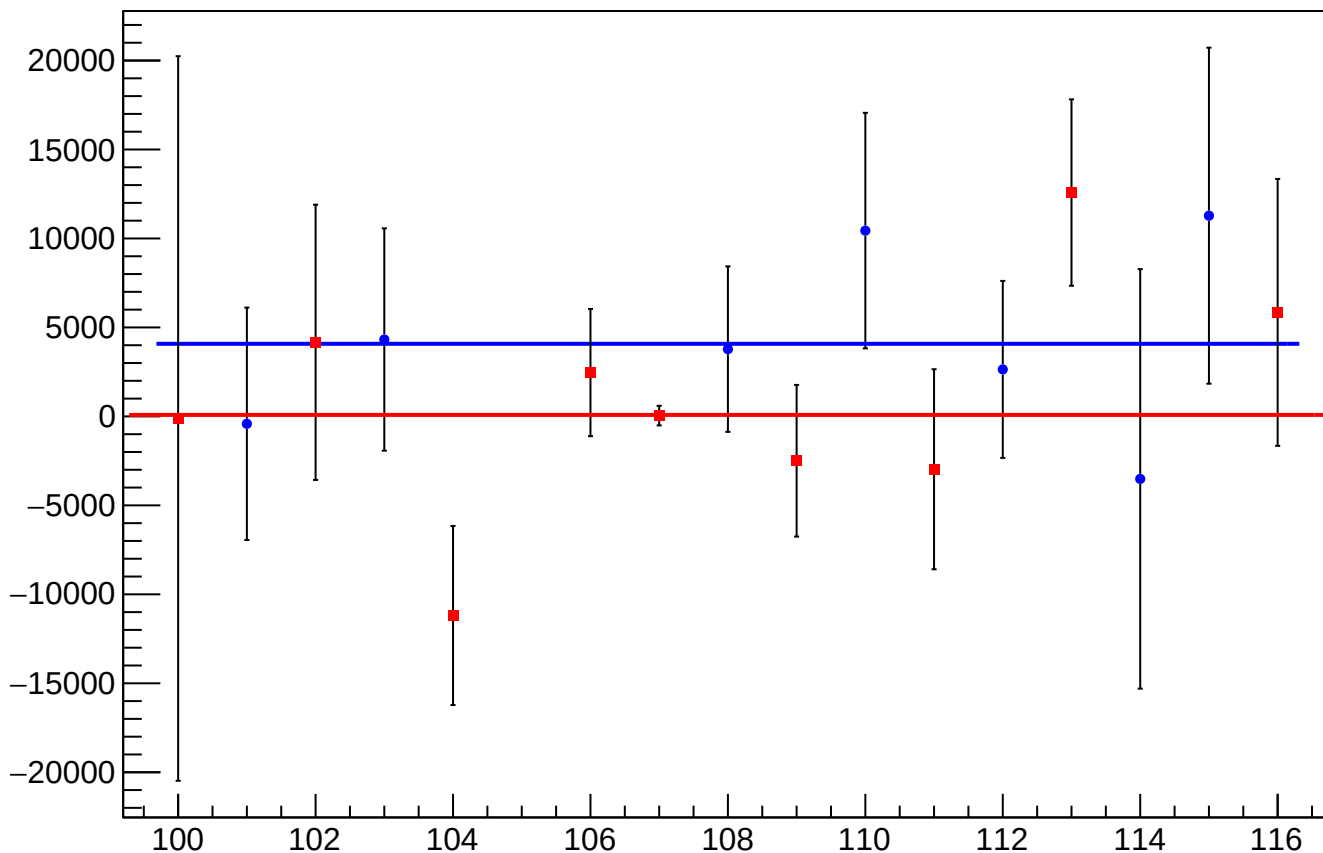
Right: 1984.120+/-0.571 χ^2/NDF : 302764.6/15

In: 1970.150+/-0.848 χ^2/NDF : 191460.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.120+/-0.571 χ^2/NDF : 302764.6/15

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 4079.886+/-2377.207 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.002+/-528.575 χ^2/NDF : 12.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

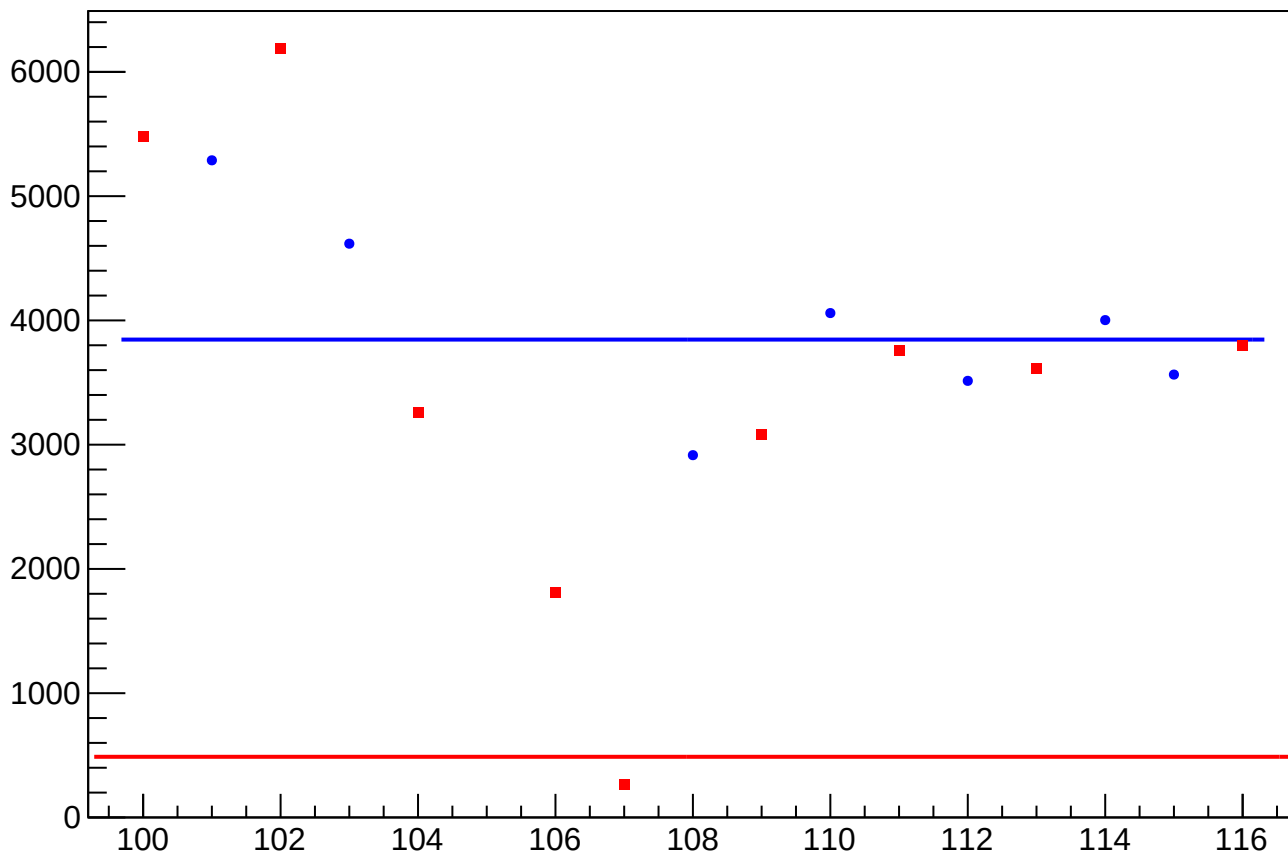
Right: 271.299+/-515.974 χ^2/NDF : 17.9/15

In: 4079.886+/-2377.207 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.299+/-515.974 χ^2/NDF : 17.9/15

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3845.789+/-1.681 χ^2/NDF : 221227.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.151+/-0.374 χ^2/NDF : 4935050.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

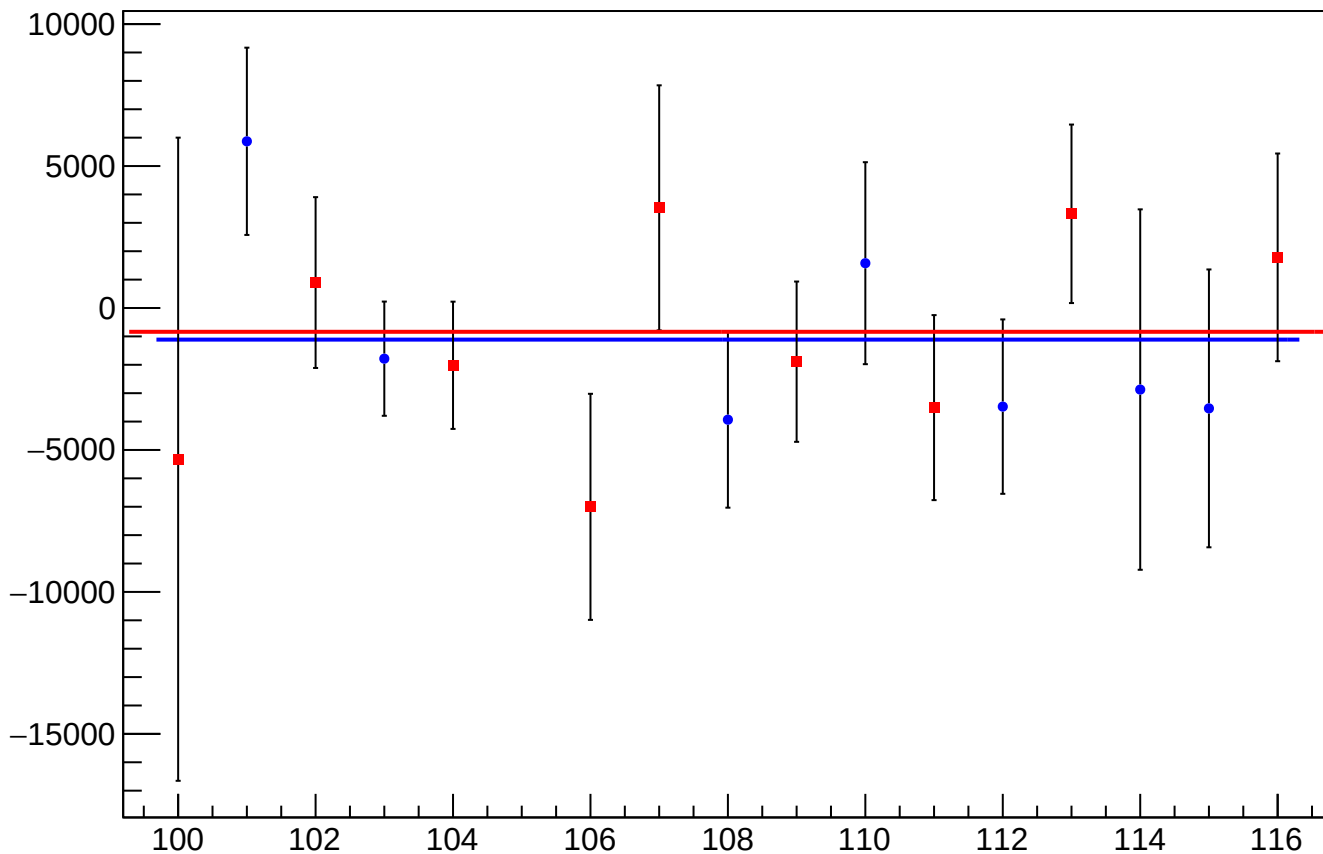
Right: 646.333+/-0.365 χ^2/NDF : 8958223.7/15

In: 3845.789+/-1.681 χ^2/NDF : 221227.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.333+/-0.365 χ^2/NDF : 8958223.7/15

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1113.146+/-1199.647 χ^2/NDF : 6.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.923+/-1097.761 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

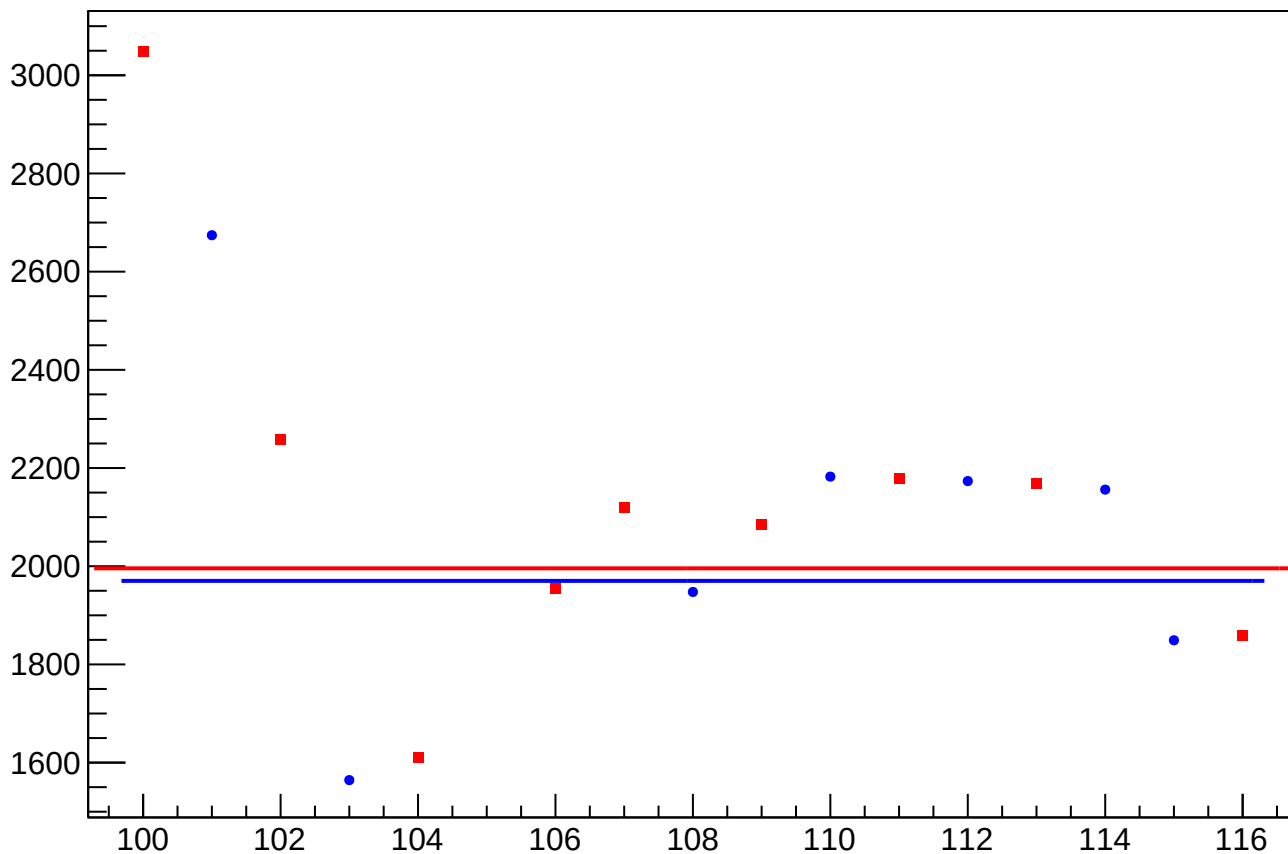
Right: -963.353+/-809.863 χ^2/NDF : 14.2/15

In: -1113.146+/-1199.647 χ^2/NDF : 6.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -963.353+/-809.863 χ^2/NDF : 14.2/15

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1970.150+/-0.848 χ^2/NDF : 191460.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1995.701+/-0.772 χ^2/NDF : 110808.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

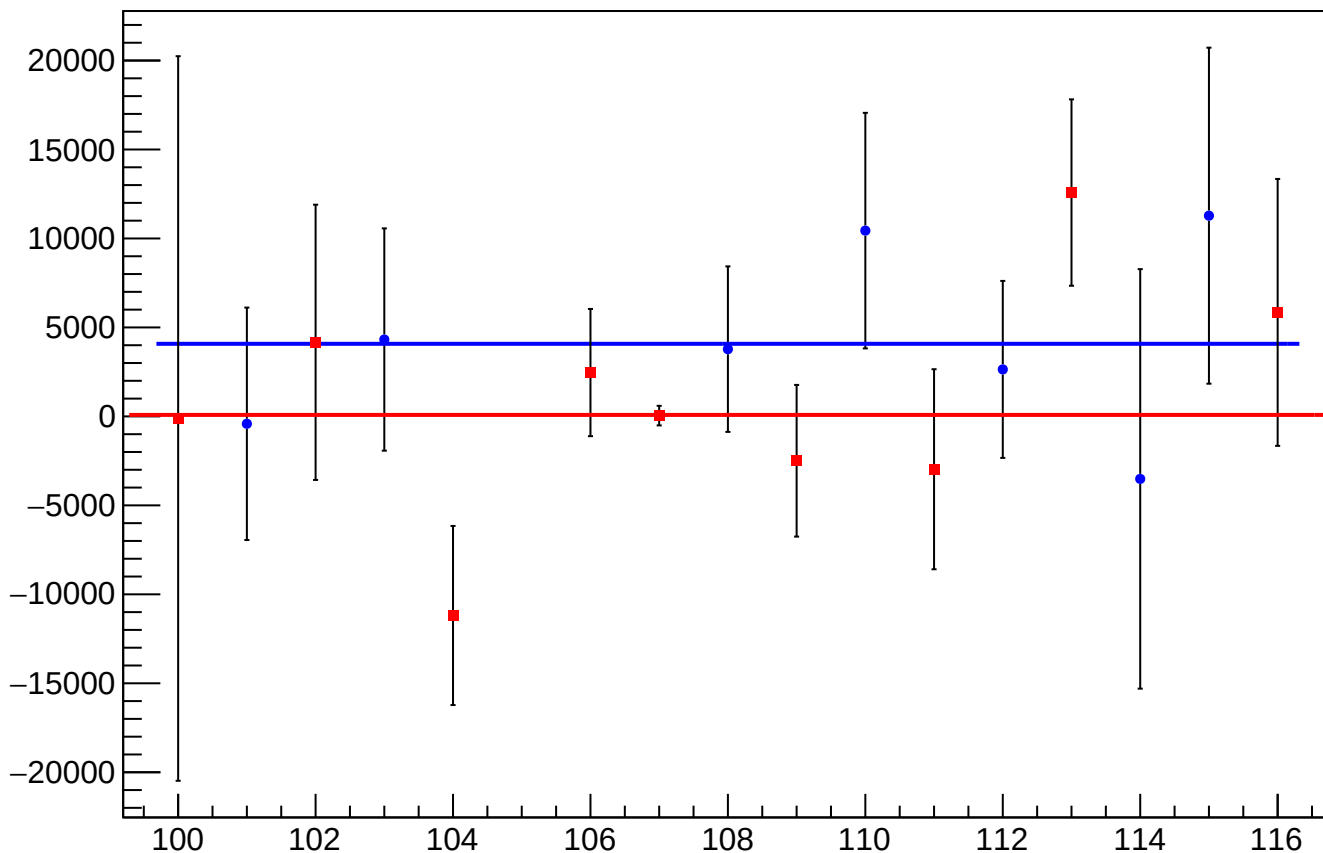
Right: 1984.120+/-0.571 χ^2/NDF : 302764.6/15

In: 1970.150+/-0.848 χ^2/NDF : 191460.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.120+/-0.571 χ^2/NDF : 302764.6/15

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4079.886+/-2377.207 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.002+/-528.575 χ^2/NDF : 12.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

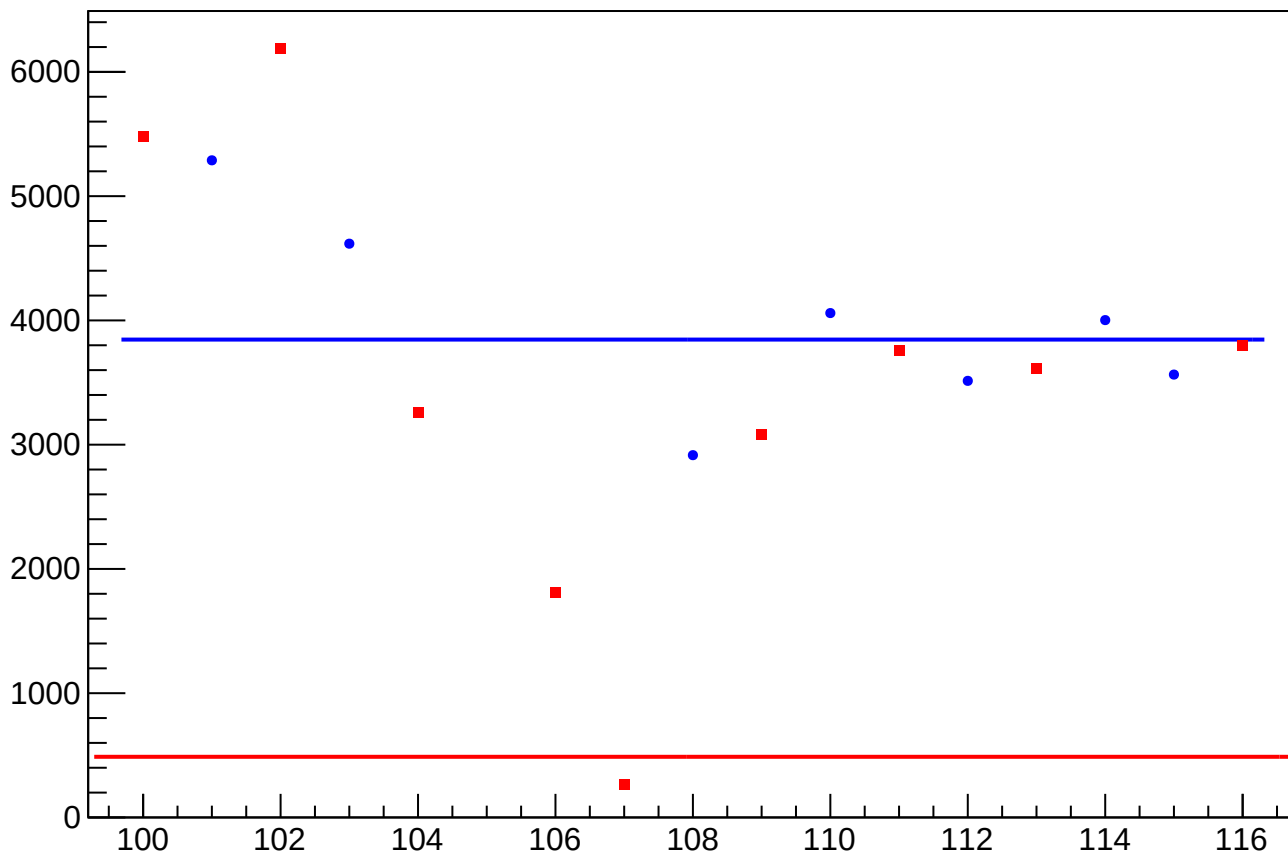
Right: 271.299+/-515.974 χ^2/NDF : 17.9/15

In: 4079.886+/-2377.207 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.299+/-515.974 χ^2/NDF : 17.9/15

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3845.789 $\pm$ 1.681 χ^2 /NDF: 221227.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 488.151 $\pm$ 0.374 χ^2 /NDF: 4935050.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

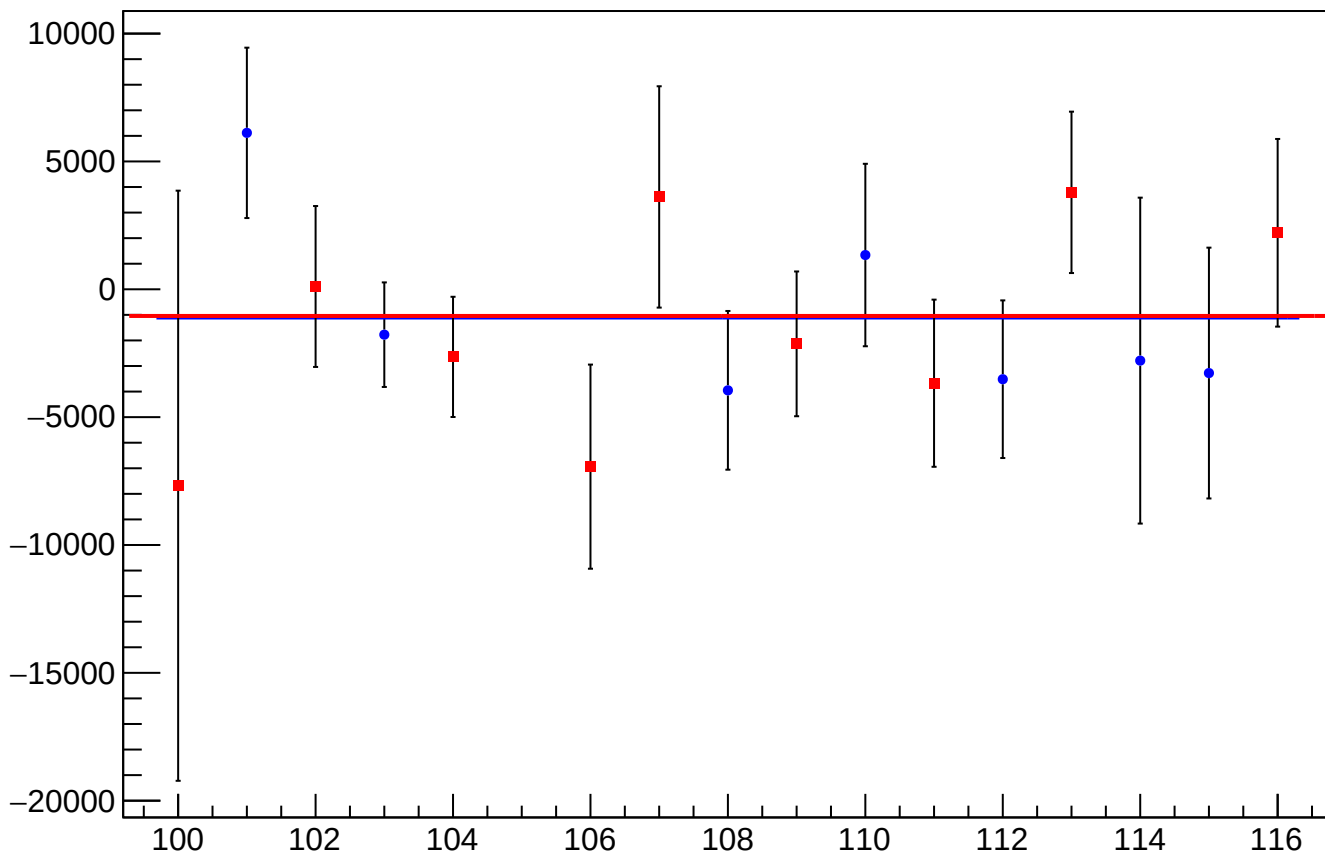
Right: 646.333 $\pm$ 0.365 χ^2 /NDF: 8958223.7/15

In: 3845.789 $\pm$ 1.681 χ^2 /NDF:221227.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 646.333 $\pm$ 0.365 χ^2 /NDF: 8958223.7/15

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1102.946+/-1209.880 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1042.752+/-1118.979 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

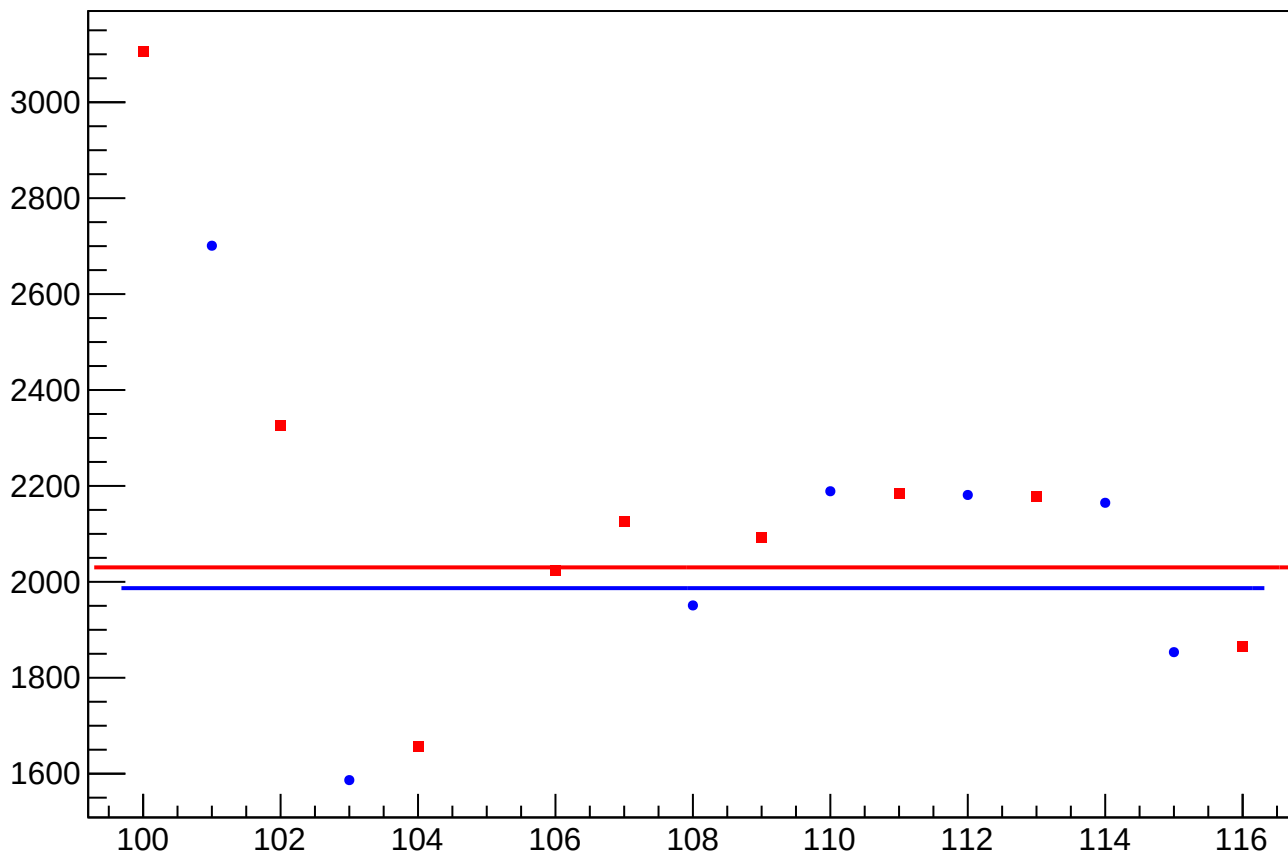
Right: -1070.503+/-821.496 χ^2/NDF : 15.2/15

In: -1102.946+/-1209.880 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1070.503+/-821.496 χ^2/NDF : 15.2/15

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1986.868 $\pm$ 0.856 χ^2 /NDF: 186169.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2030.182 $\pm$ 0.790 χ^2 /NDF: 100172.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

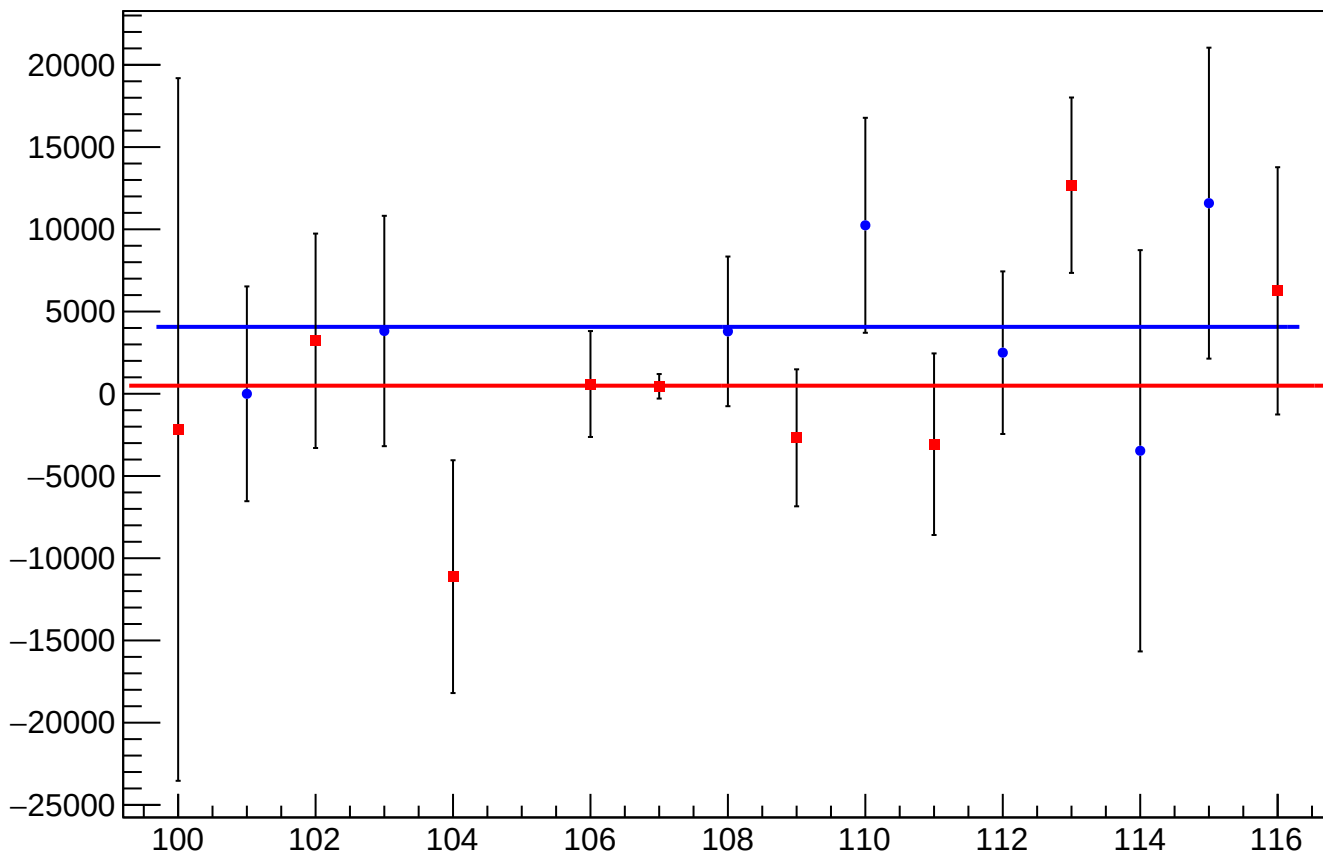
Right: 2010.259 $\pm$ 0.580 χ^2 /NDF: 287725.9/15

In: 1986.868 $\pm$ 0.856 χ^2 /NDF:186169.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2010.259 $\pm$ 0.580 χ^2 /NDF: 287725.9/15

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 4068.175+/-2394.750 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.491+/-692.758 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

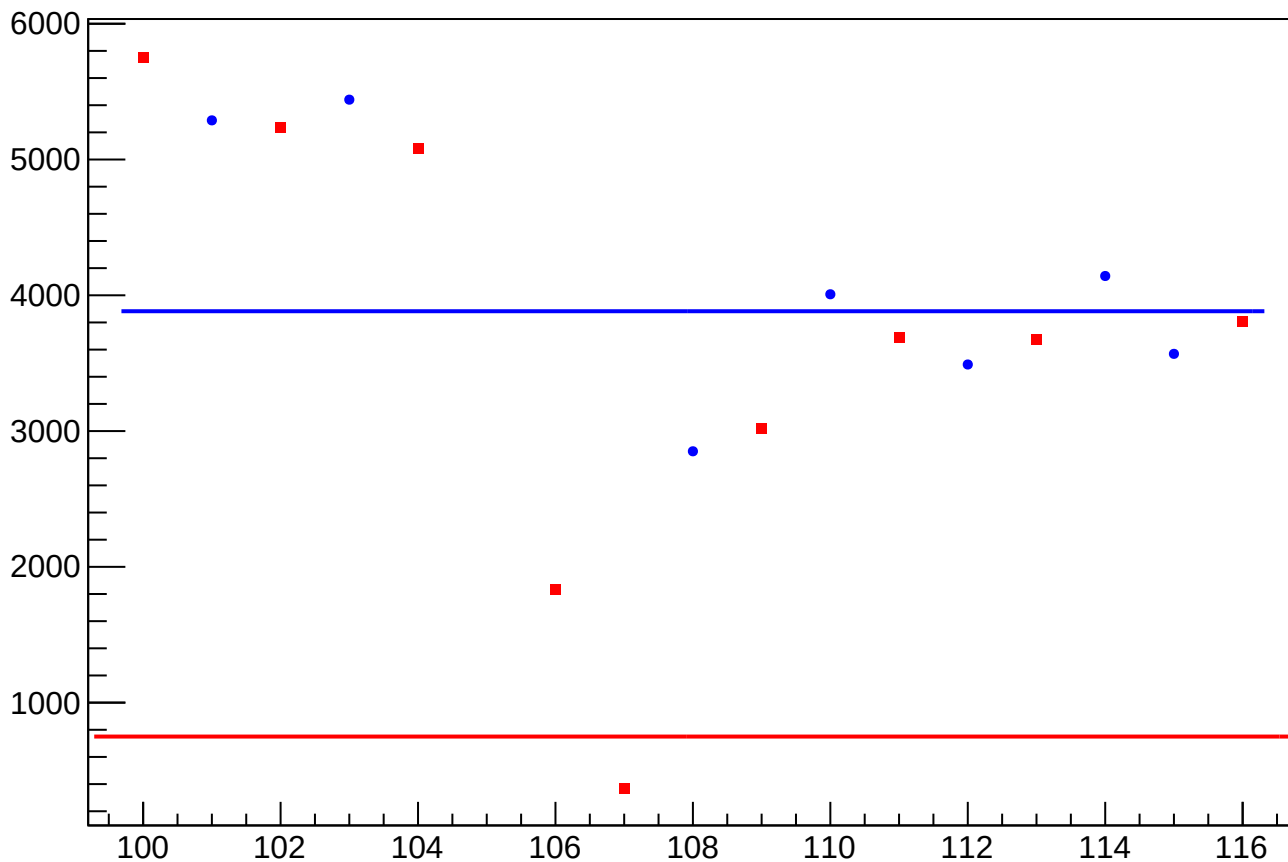
Right: 767.689+/-665.472 χ^2/NDF : 14.2/15

In: 4068.175+/-2394.750 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.689+/-665.472 χ^2/NDF : 14.2/15

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3882.690+/-1.693 χ^2/NDF : 310895.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 750.104+/-0.490 χ^2/NDF : 4651206.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

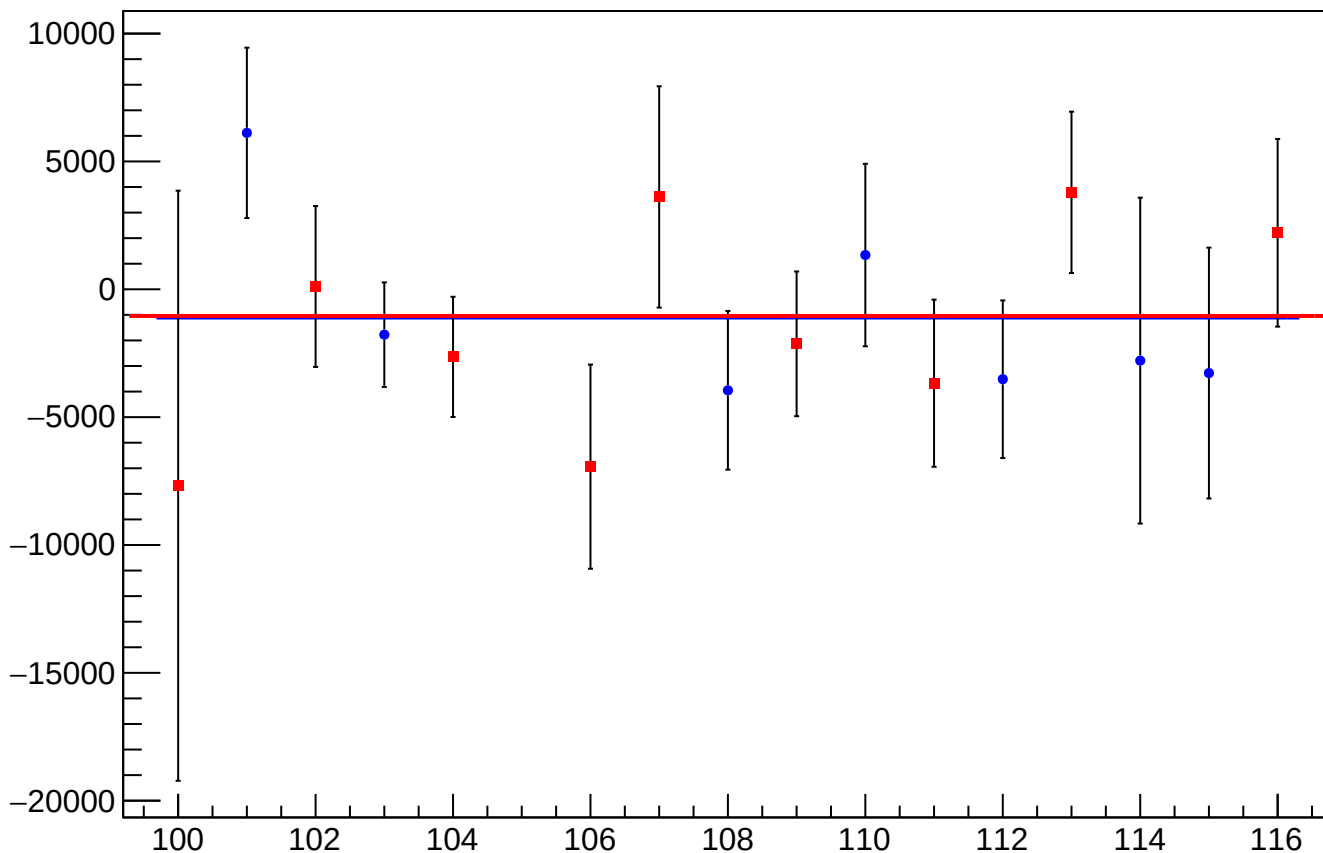
Right: 992.008+/-0.471 χ^2/NDF : 8120106.9/15

In: 3882.690+/-1.693 χ^2/NDF : 310895.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.008+/-0.471 χ^2/NDF : 8120106.9/15

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1102.946+/-1209.880 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1042.761+/-1118.979 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

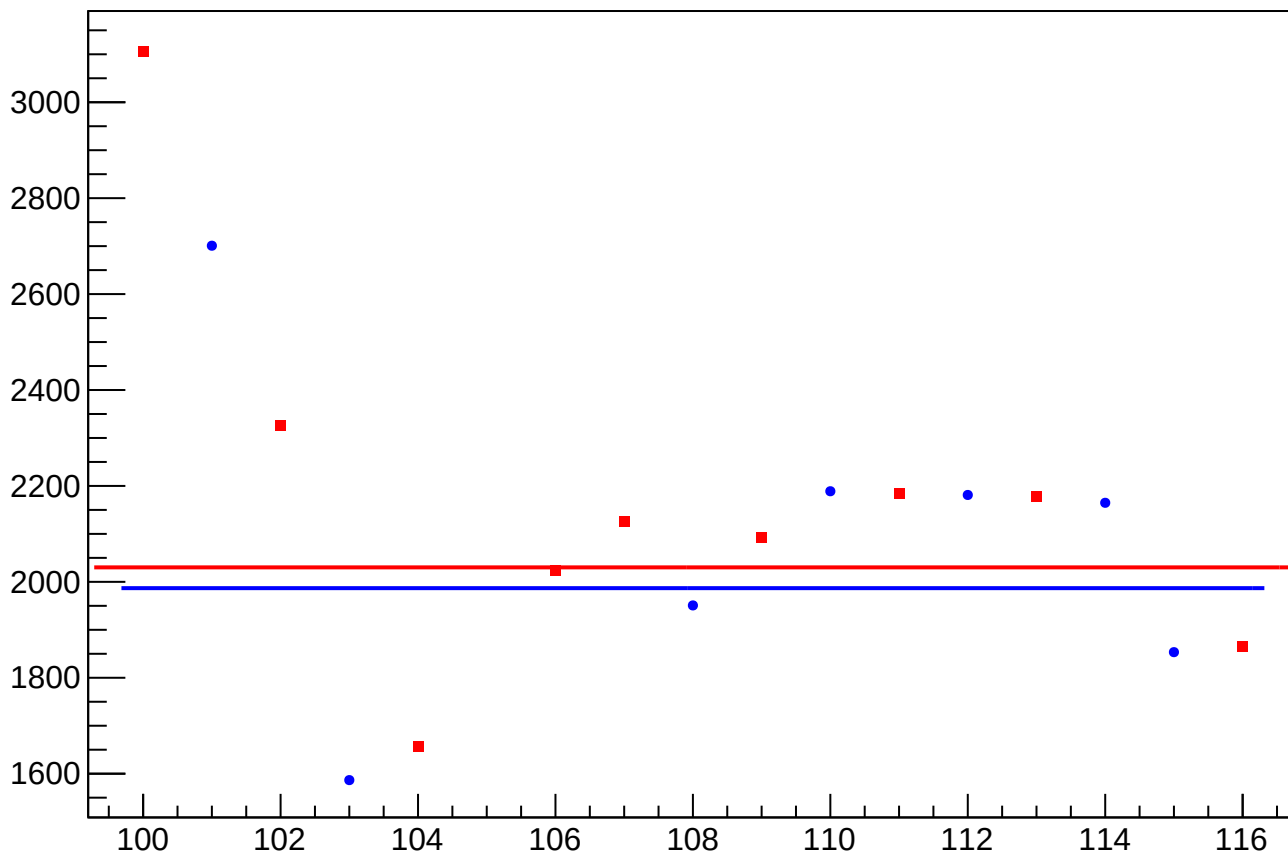
Right: -1070.508+/-821.496 χ^2/NDF : 15.2/15

In: -1102.946+/-1209.880 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1070.508+/-821.496 χ^2/NDF : 15.2/15

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1986.868 $\pm$ 0.856 χ^2 /NDF: 186168.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2030.182 $\pm$ 0.790 χ^2 /NDF: 100172.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

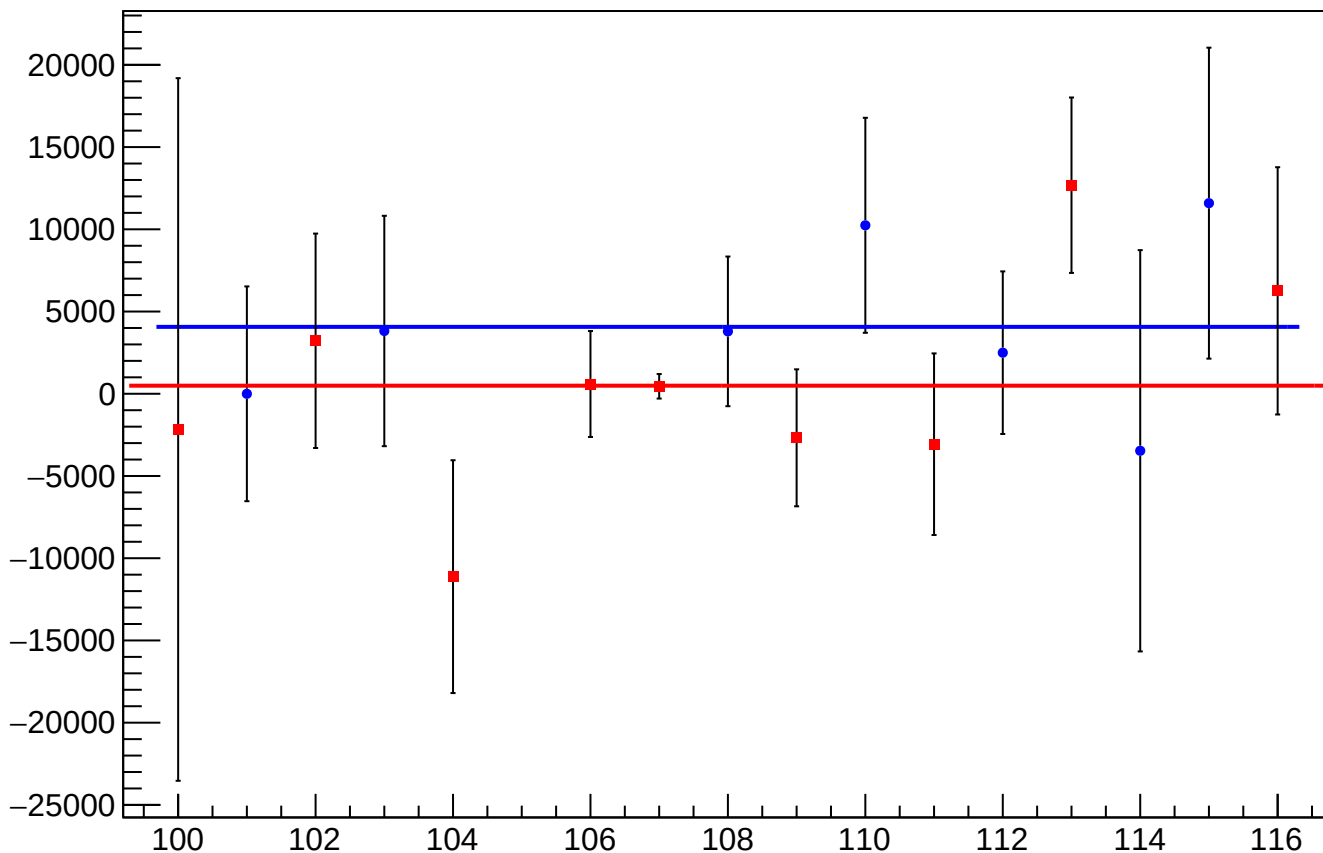
Right: 2010.259 $\pm$ 0.580 χ^2 /NDF: 287725.7/15

In: 1986.868 $\pm$ 0.856 χ^2 /NDF: 186168.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2010.259 $\pm$ 0.580 χ^2 /NDF: 287725.7/15

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 4068.176+/-2394.748 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.499+/-692.770 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

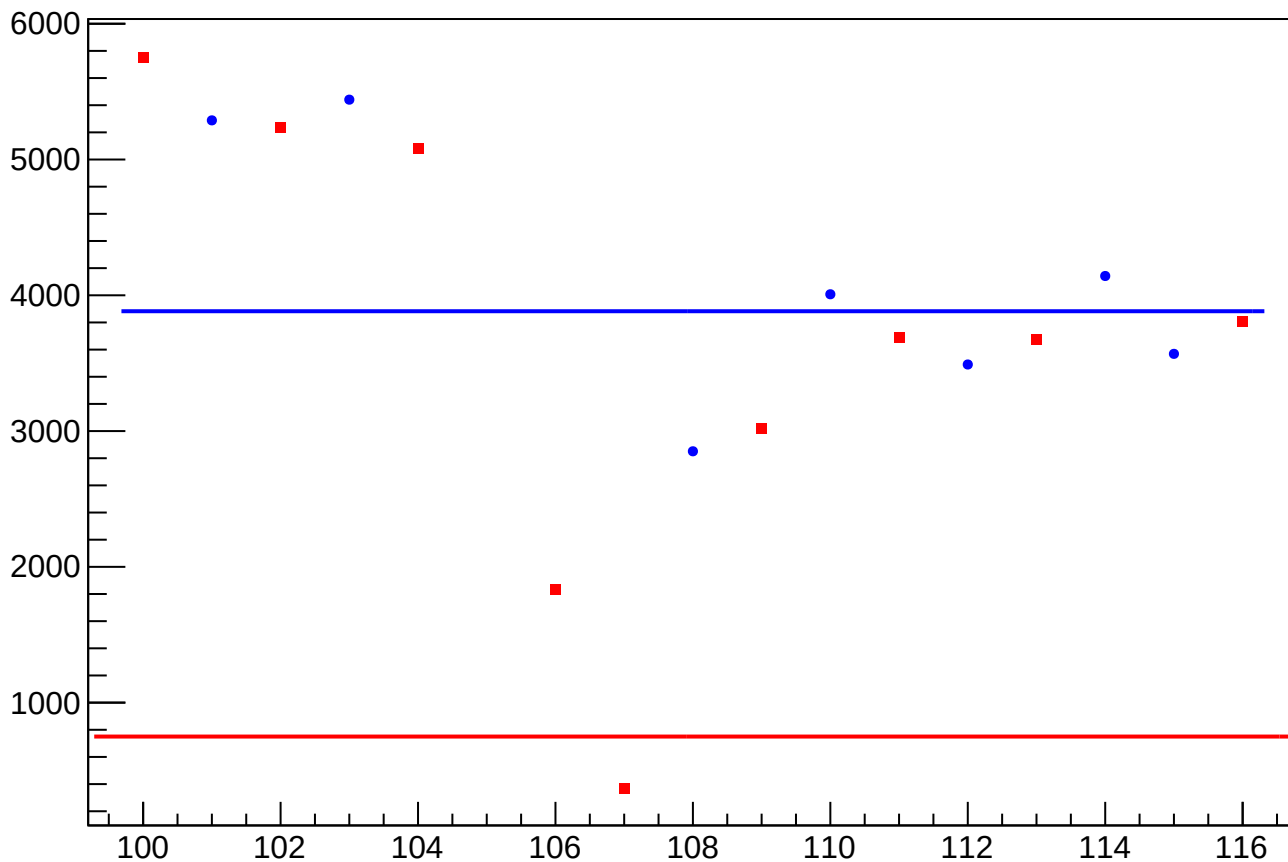
Right: 767.706+/-665.484 χ^2/NDF : 14.2/15

In: 4068.176+/-2394.748 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.706+/-665.484 χ^2/NDF : 14.2/15

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3882.687+/-1.693 χ^2/NDF : 310894.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 750.126+/-0.490 χ^2/NDF : 4651158.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

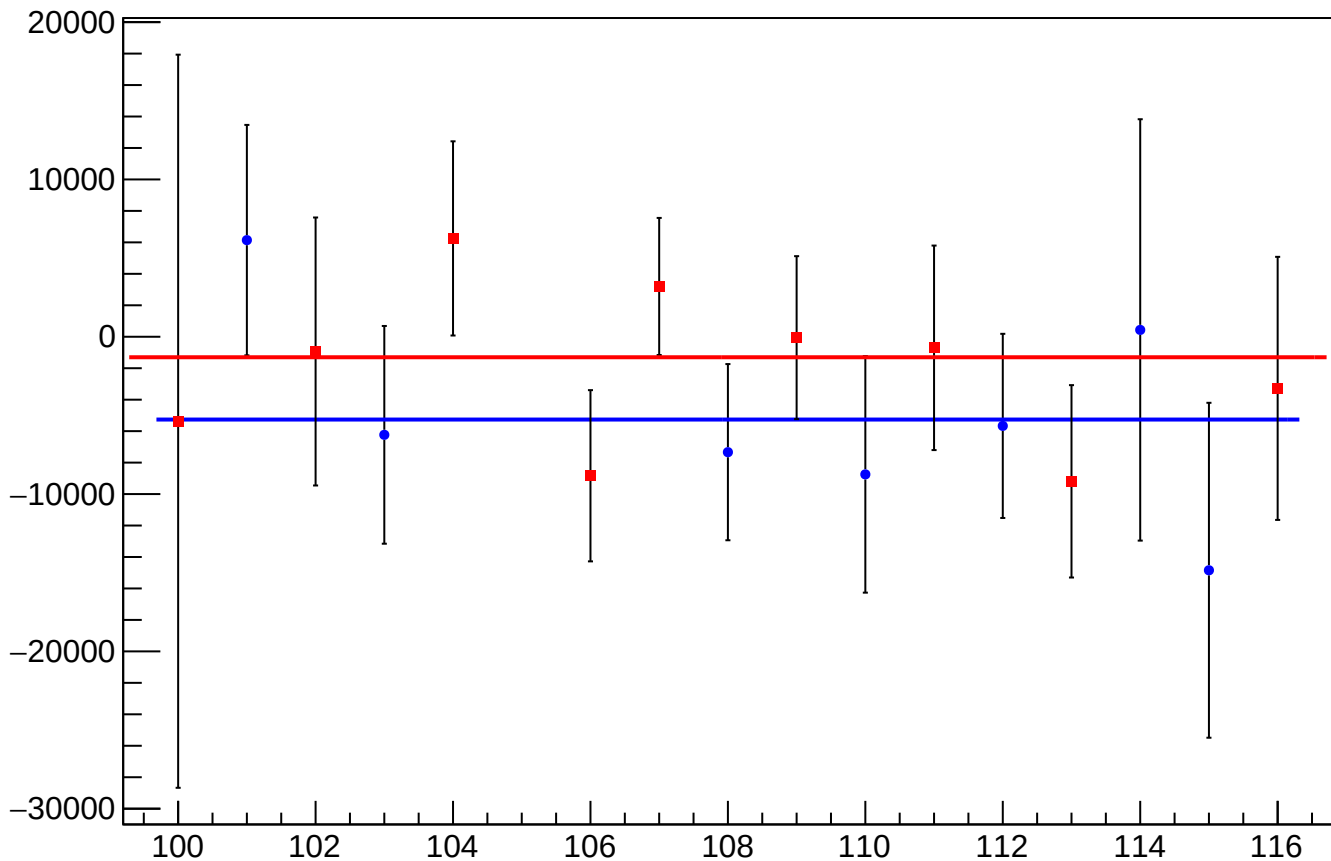
Right: 992.036+/-0.471 χ^2/NDF : 8120005.3/15

In: 3882.687+/-1.693 χ^2/NDF :310894.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 992.036+/-0.471 χ^2/NDF : 8120005.3/15

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -5262.950+/-2745.236 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1303.067+/-2083.714 χ^2/NDF : 6.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

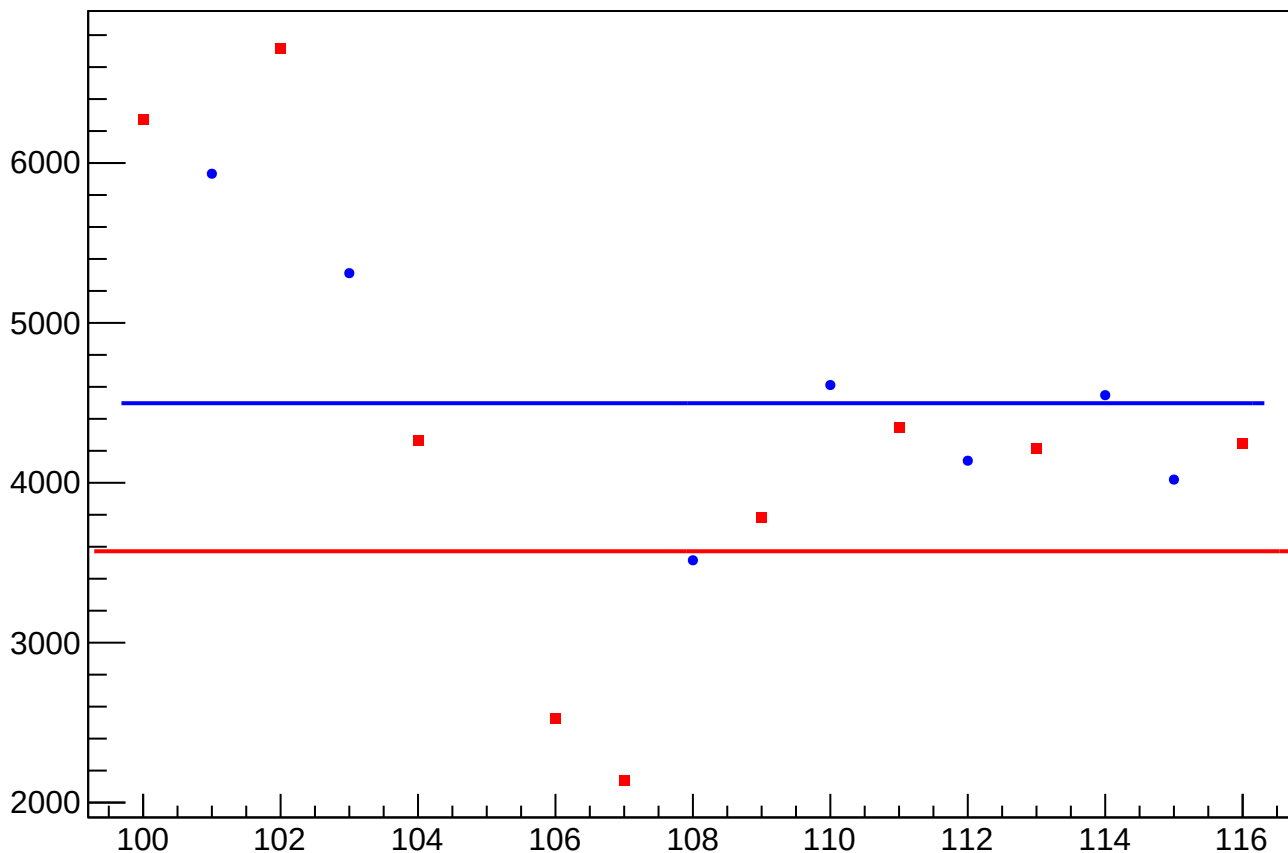
Right: -2750.534+/-1659.750 χ^2/NDF : 11.4/15

In: -5262.950+/-2745.236 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2750.534+/-1659.750 χ^2/NDF : 11.4/15

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4497.728+/-1.941 χ^2 /NDF: 178066.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3571.753+/-1.447 χ^2 /NDF: 699432.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

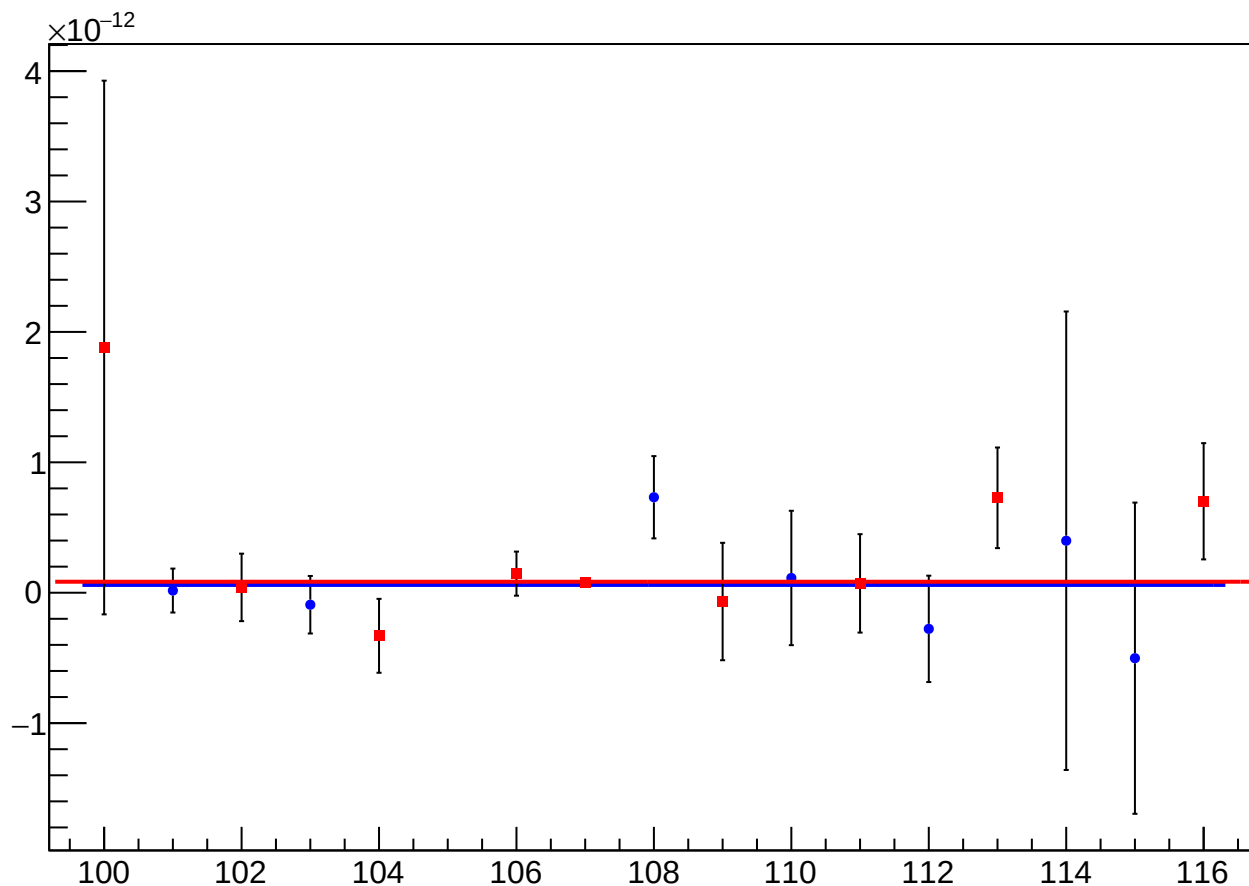
Right: 3902.561+/-1.160 χ^2 /NDF: 1023753.0/15

In: 4497.728+/-1.941 χ^2 /NDF:178066.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3902.561+/-1.160 χ^2 /NDF: 1023753.0/15

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

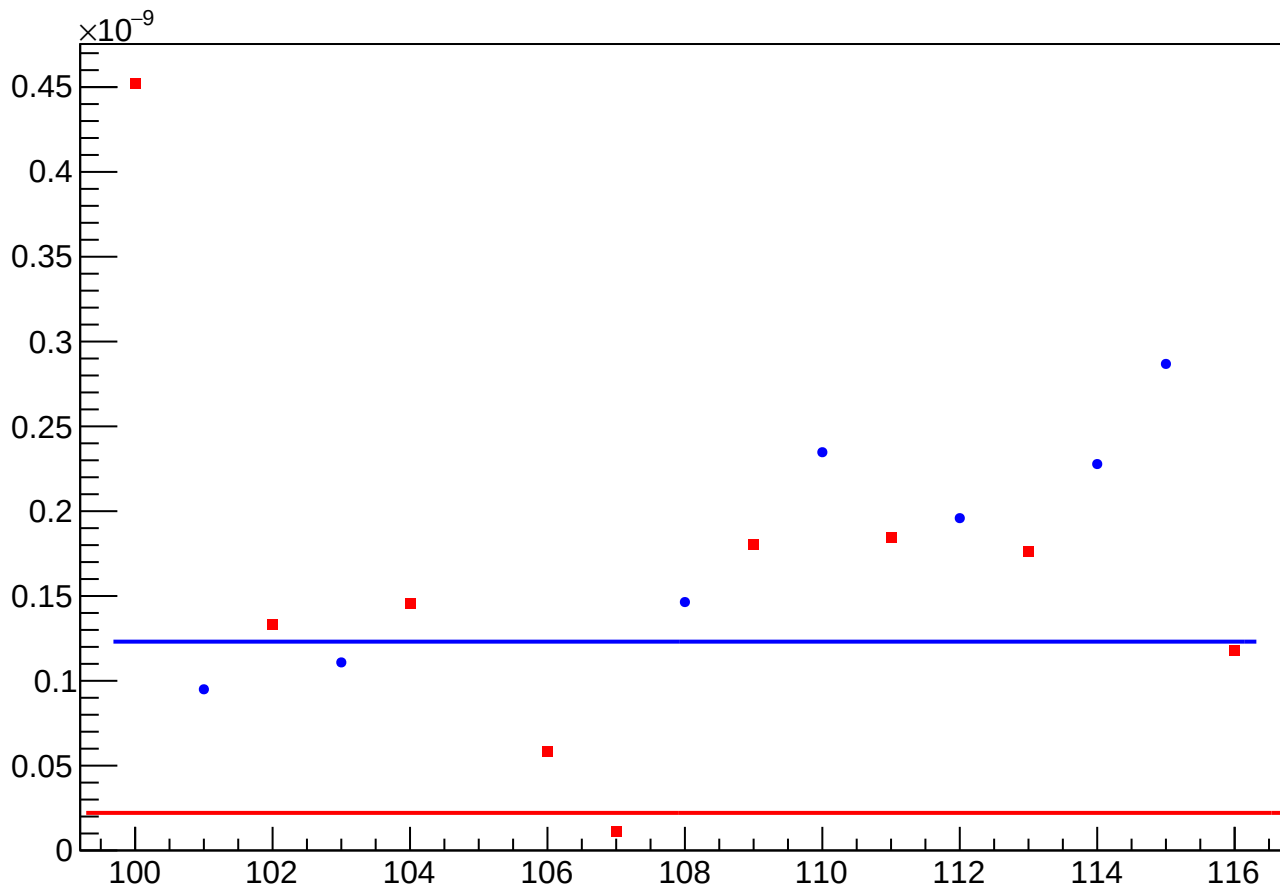
Right: 0.000+/-0.000 χ^2/NDF : 14.0/15

In: 0.000+/-0.000 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.0/15

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 275069.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2127944.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

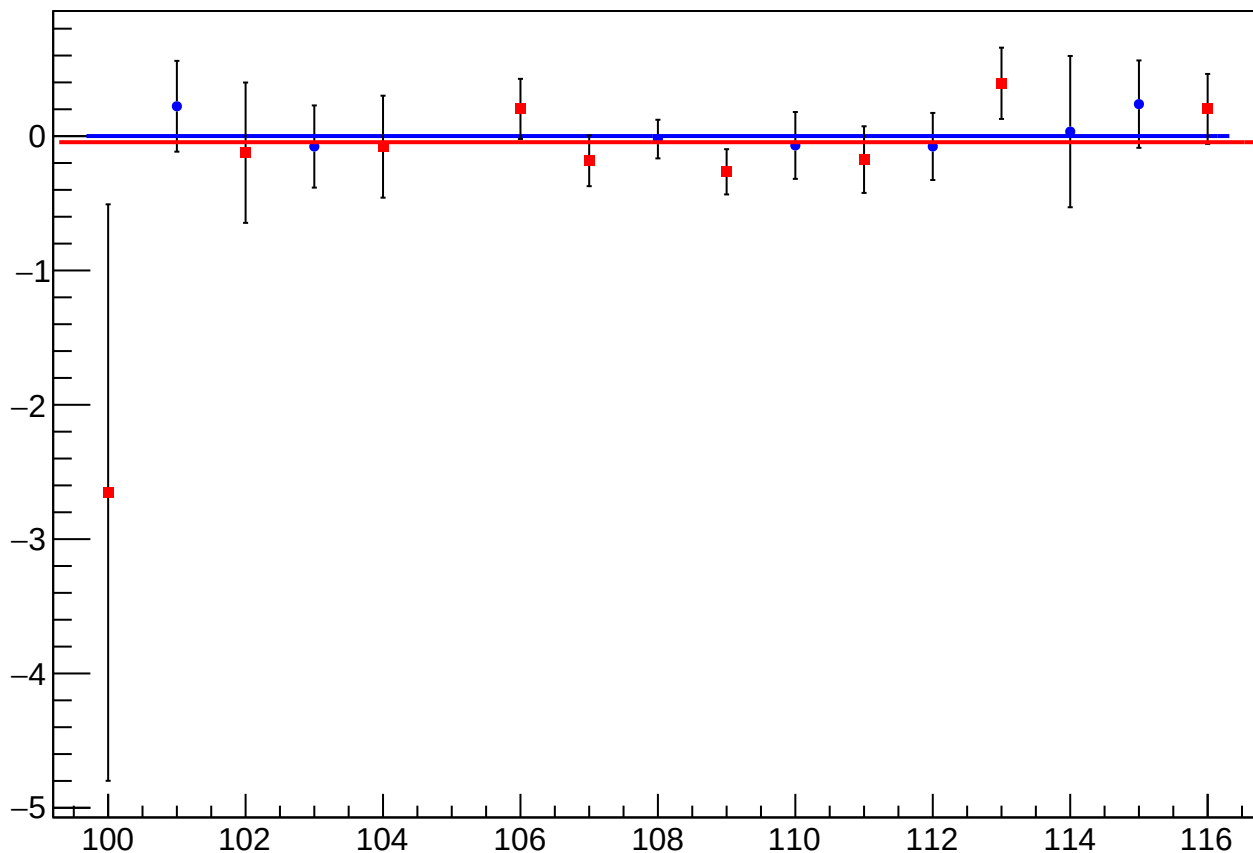
Right: 0.000+/-0.000 χ^2/NDF : 3831685.6/15

In: 0.000+/-0.000 χ^2/NDF : 275069.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3831685.6/15

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.094 χ^2 /NDF: 1.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.085 χ^2 /NDF: 8.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

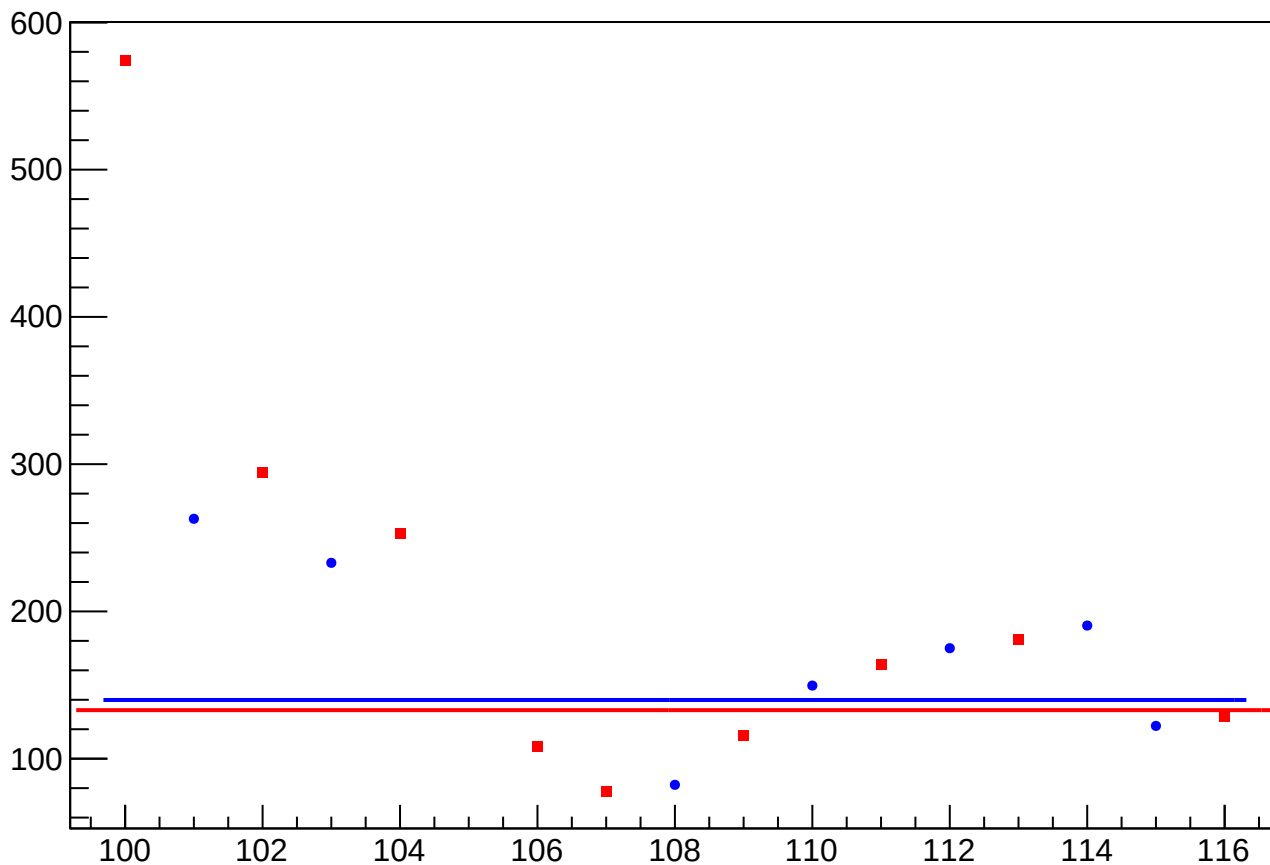
Right: -0.025 $\pm$ 0.063 χ^2 /NDF: 10.3/15

In: 0.001 $\pm$ 0.094 χ^2 /NDF:1.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.063 χ^2 /NDF: 10.3/15

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.860+/-0.067 χ^2/NDF : 836501.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.956+/-0.060 χ^2/NDF : 791224.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

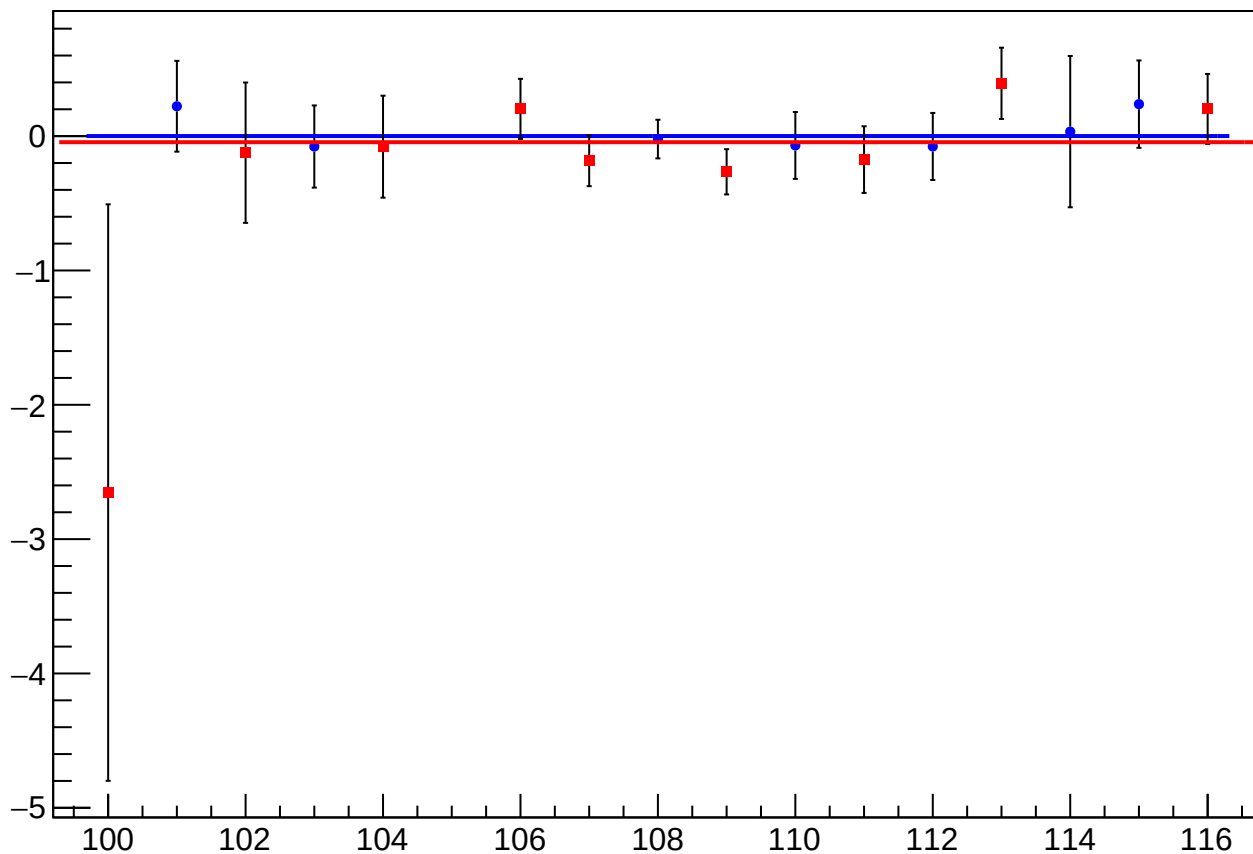
Right: 136.043+/-0.045 χ^2/NDF : 1633663.6/15

In: 139.860+/-0.067 χ^2/NDF : 836501.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.043+/-0.045 χ^2/NDF : 1633663.6/15

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.094 χ^2/NDF : 1.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.045+/-0.085 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

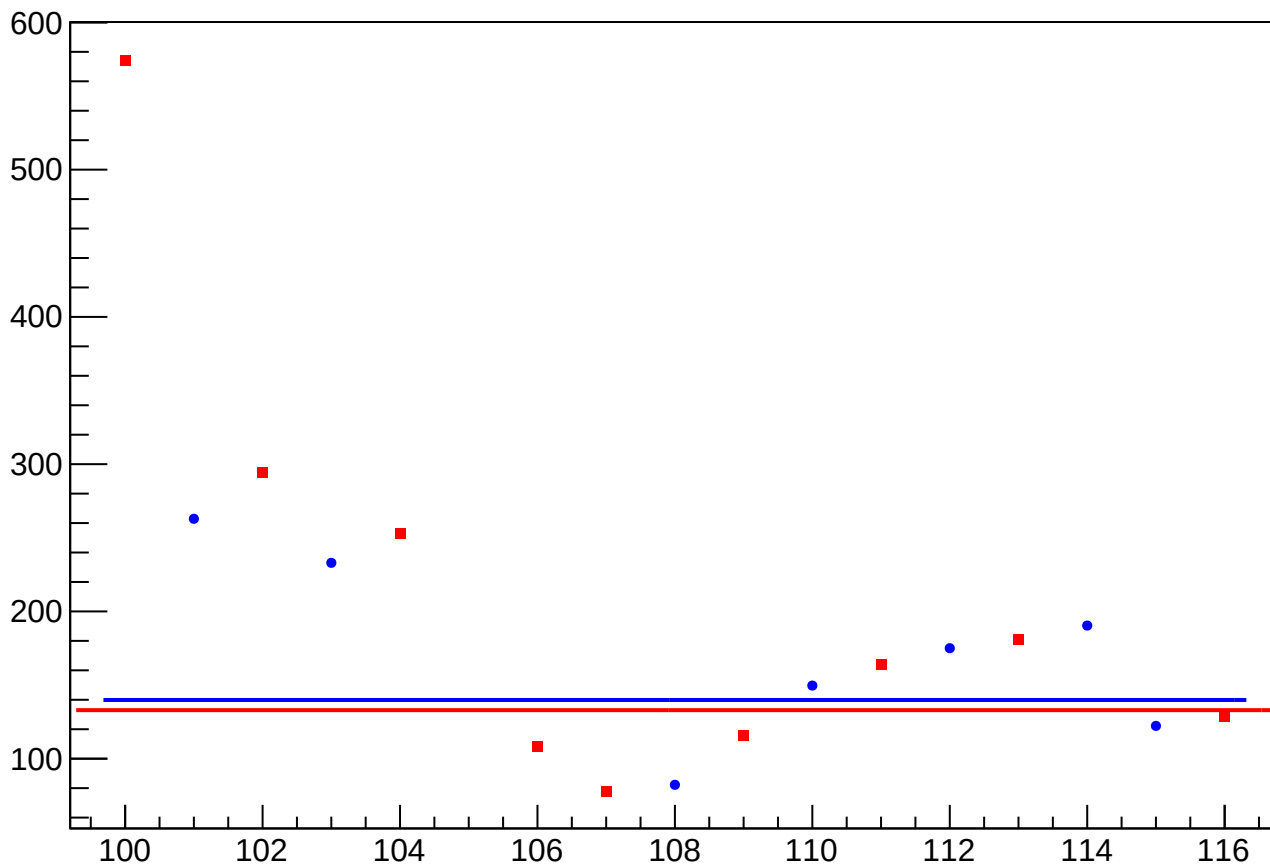
Right: -0.025+/-0.063 χ^2/NDF : 10.3/15

In: 0.001+/-0.094 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.063 χ^2/NDF : 10.3/15

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.860+/-0.067 χ^2/NDF : 836501.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 132.956+/-0.060 χ^2/NDF : 791224.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

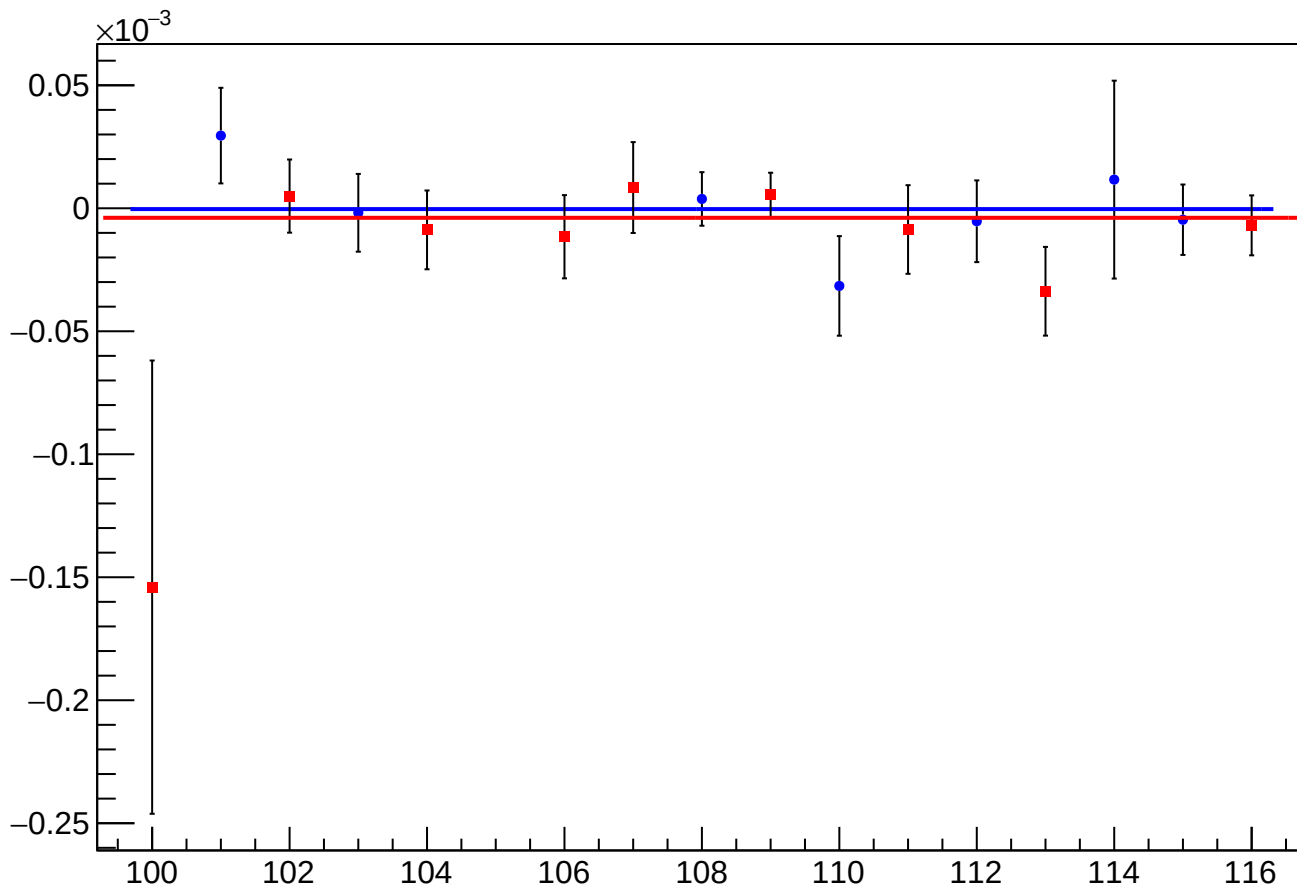
Right: 136.043+/-0.045 χ^2/NDF : 1633663.6/15

In: 139.860+/-0.067 χ^2/NDF :836501.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.043+/-0.045 χ^2/NDF : 1633663.6/15

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

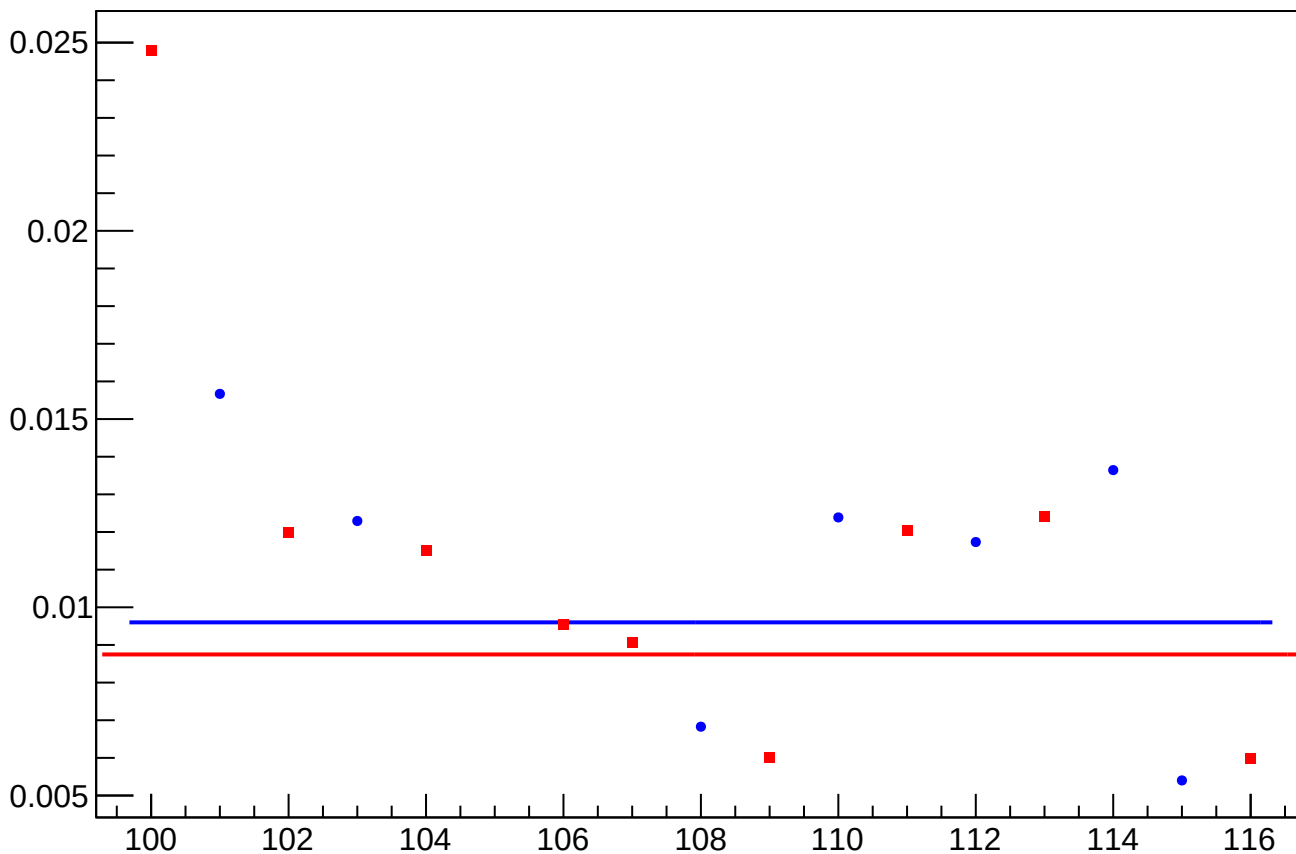
Right: -0.000+/-0.000 χ^2/NDF : 13.1/15

In: -0.000+/-0.000 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/15

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 646043.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 656857.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

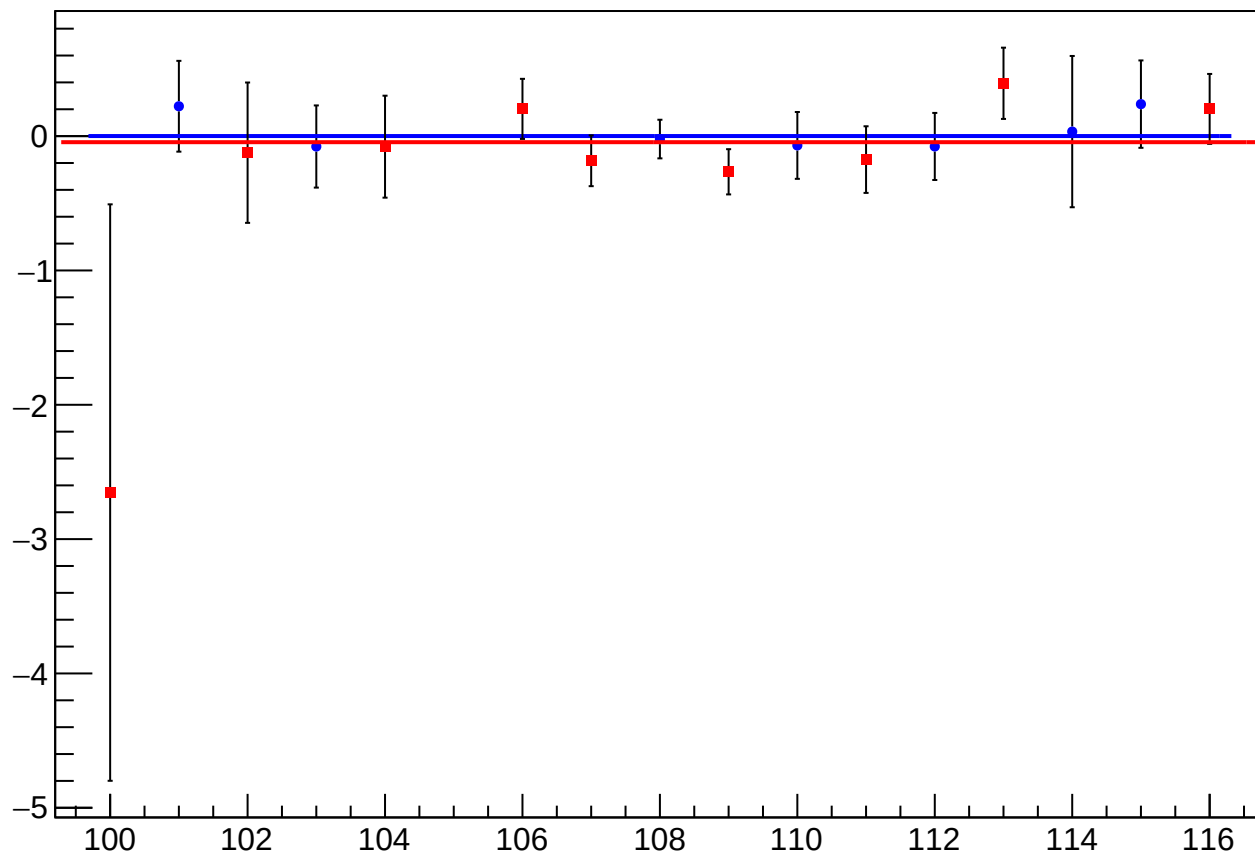
Right: 0.009+/-0.000 χ^2/NDF : 1326175.5/15

In: 0.010+/-0.000 χ^2/NDF : 646043.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1326175.5/15

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.094 χ^2 /NDF: 1.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.085 χ^2 /NDF: 8.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

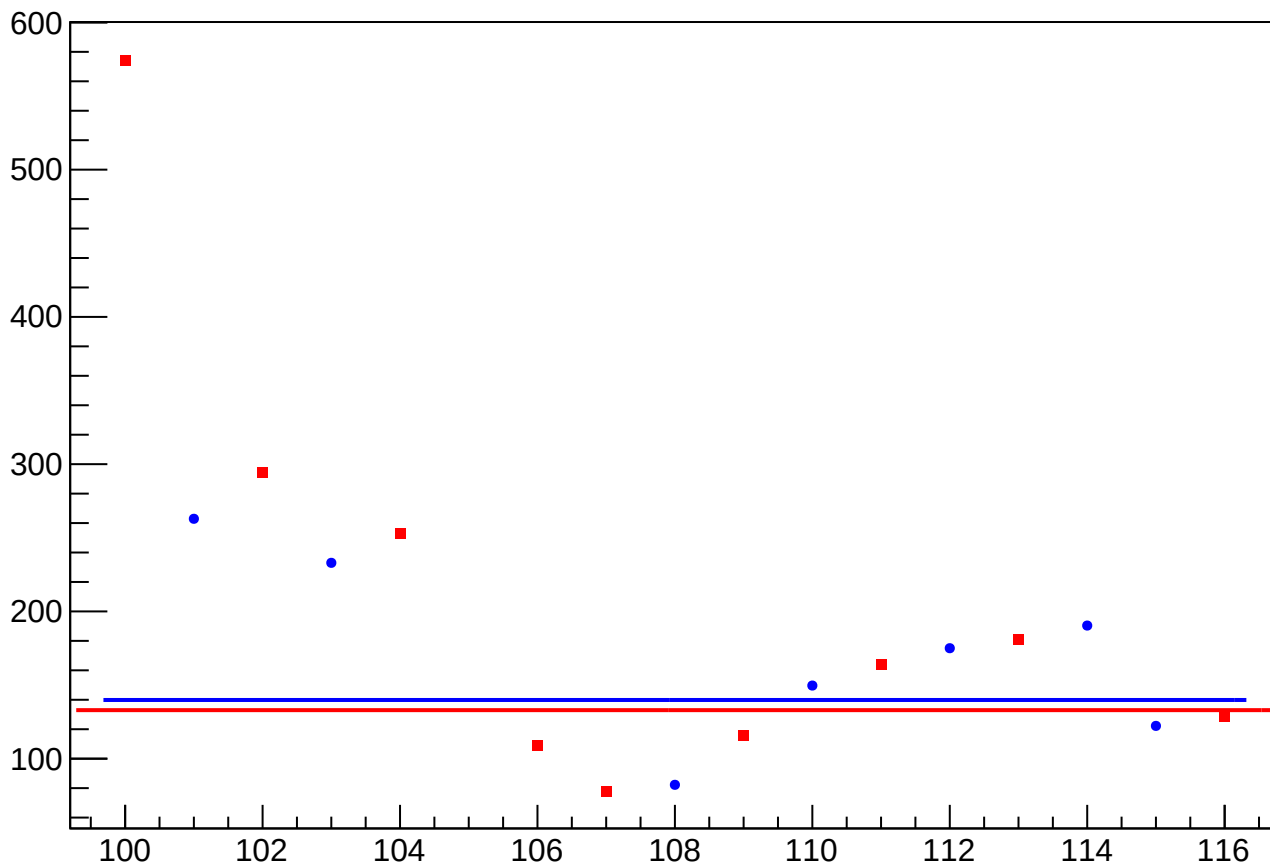
Right: -0.025 $\pm$ 0.063 χ^2 /NDF: 10.3/15

In: 0.001 $\pm$ 0.094 χ^2 /NDF:1.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.063 χ^2 /NDF: 10.3/15

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.860+/-0.067 χ^2/NDF : 836502.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 132.956+/-0.060 χ^2/NDF : 791251.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

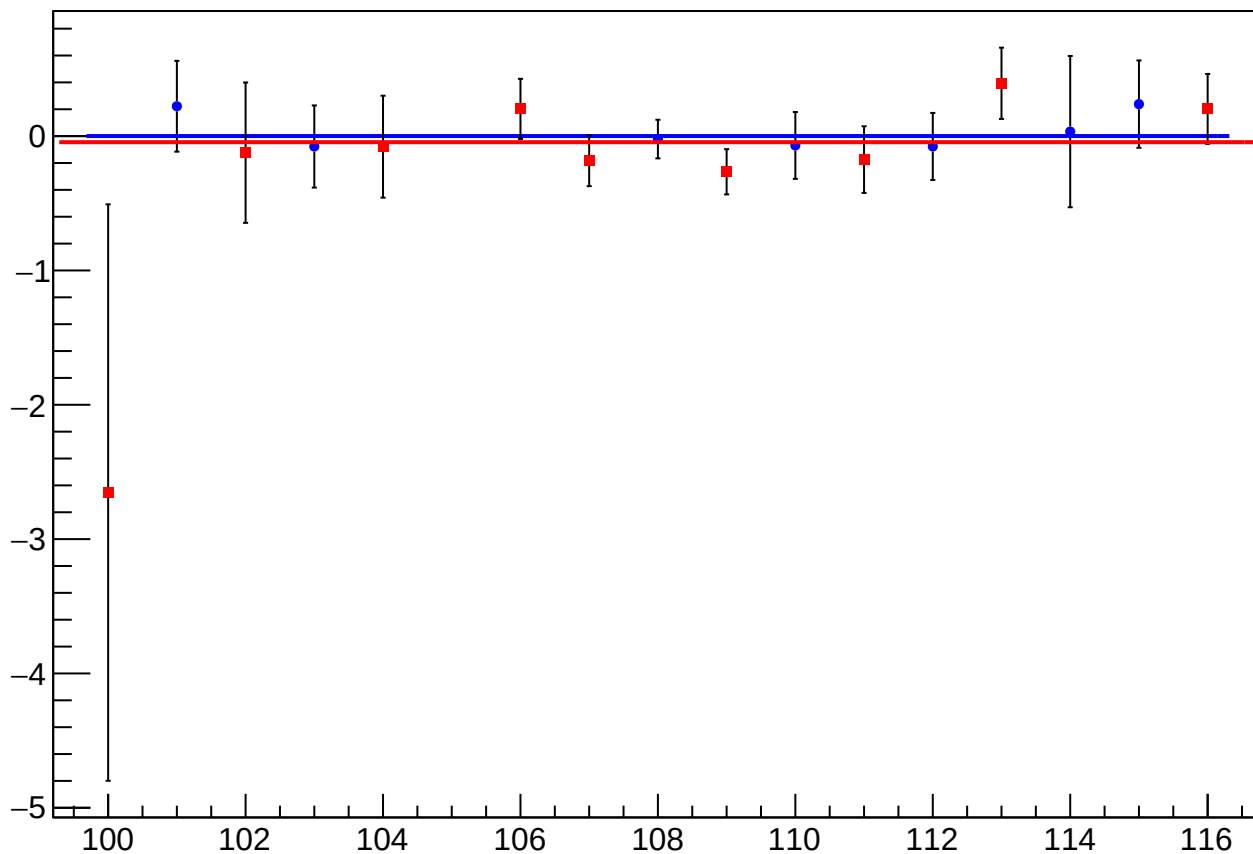
Right: 136.043+/-0.045 χ^2/NDF : 1633692.3/15

In: 139.860+/-0.067 χ^2/NDF :836502.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.043+/-0.045 χ^2/NDF : 1633692.3/15

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.094 χ^2 /NDF: 1.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.085 χ^2 /NDF: 8.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

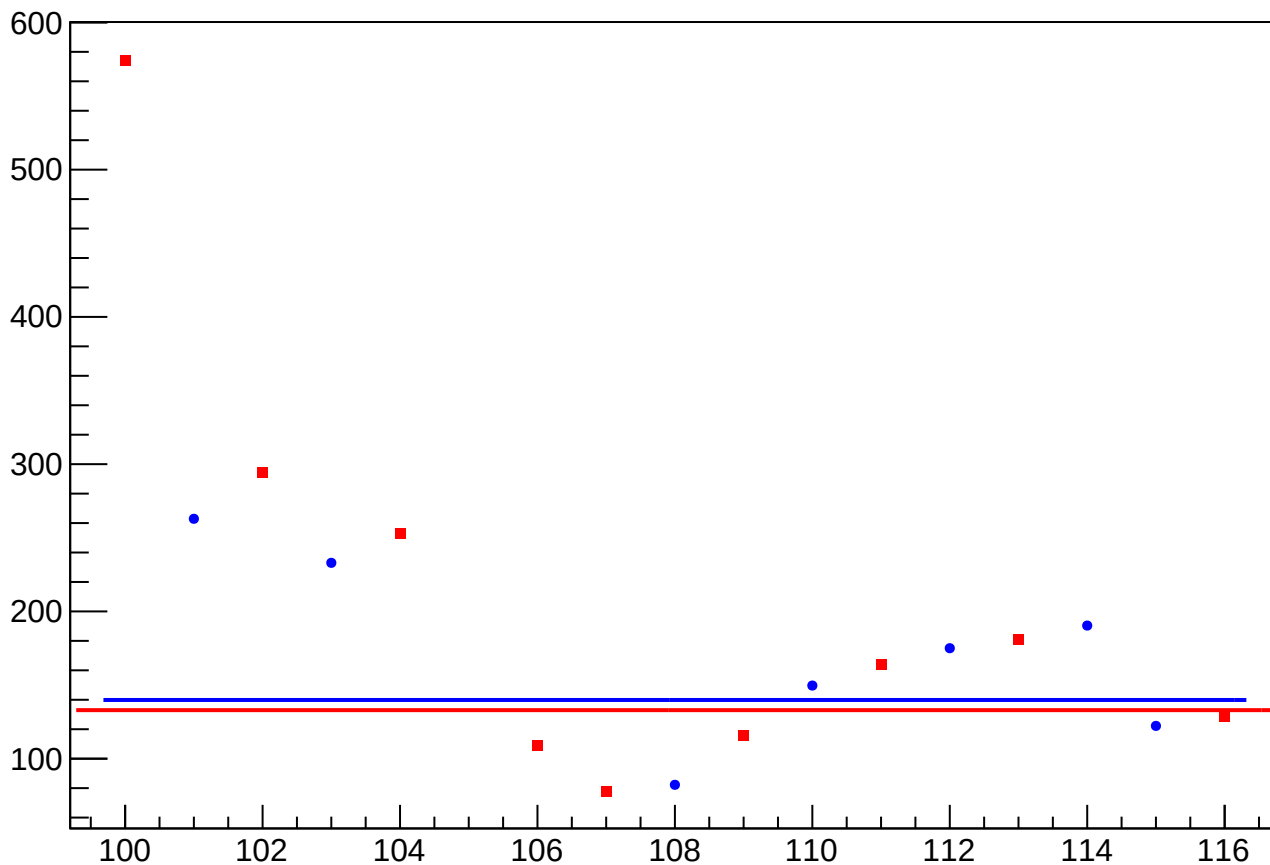
Right: -0.025 $\pm$ 0.063 χ^2 /NDF: 10.3/15

In: 0.001 $\pm$ 0.094 χ^2 /NDF:1.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.063 χ^2 /NDF: 10.3/15

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.860+/-0.067 χ^2/NDF : 836502.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.956+/-0.060 χ^2/NDF : 791251.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

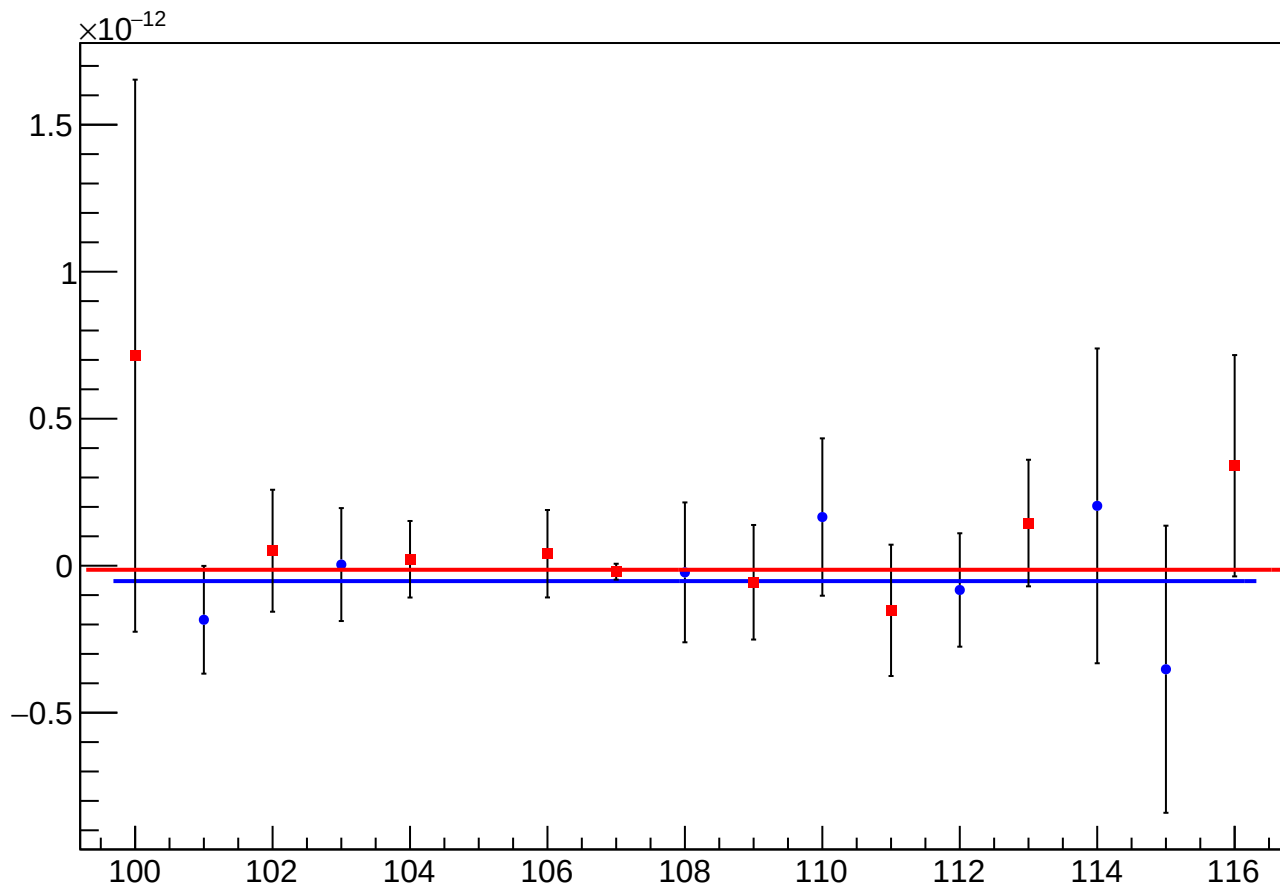
Right: 136.043+/-0.045 χ^2/NDF : 1633692.3/15

In: 139.860+/-0.067 χ^2/NDF : 836502.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.043+/-0.045 χ^2/NDF : 1633692.3/15

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

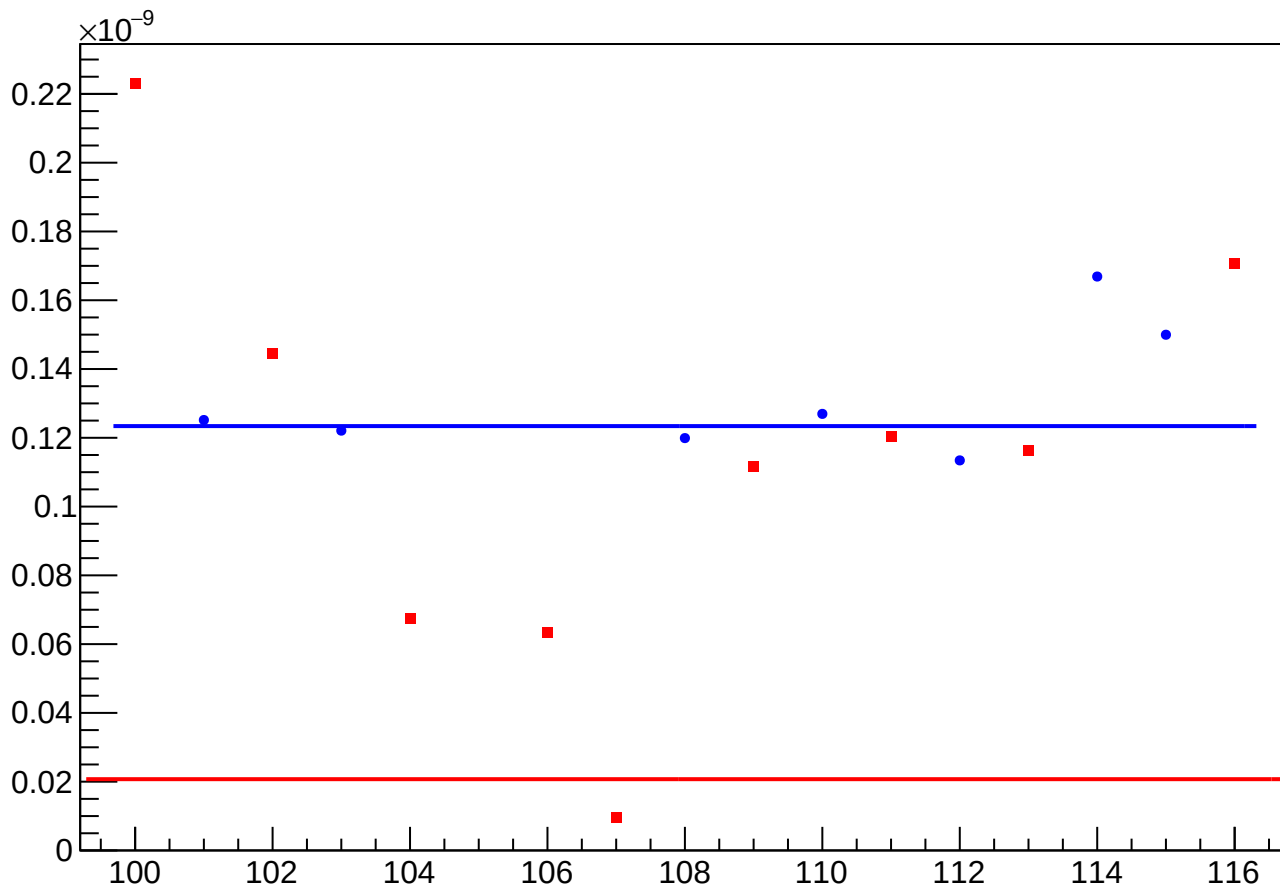
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/15

In: -0.000 $\pm$ 0.000 χ^2 /NDF:1.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/15

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 25522.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3114886.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

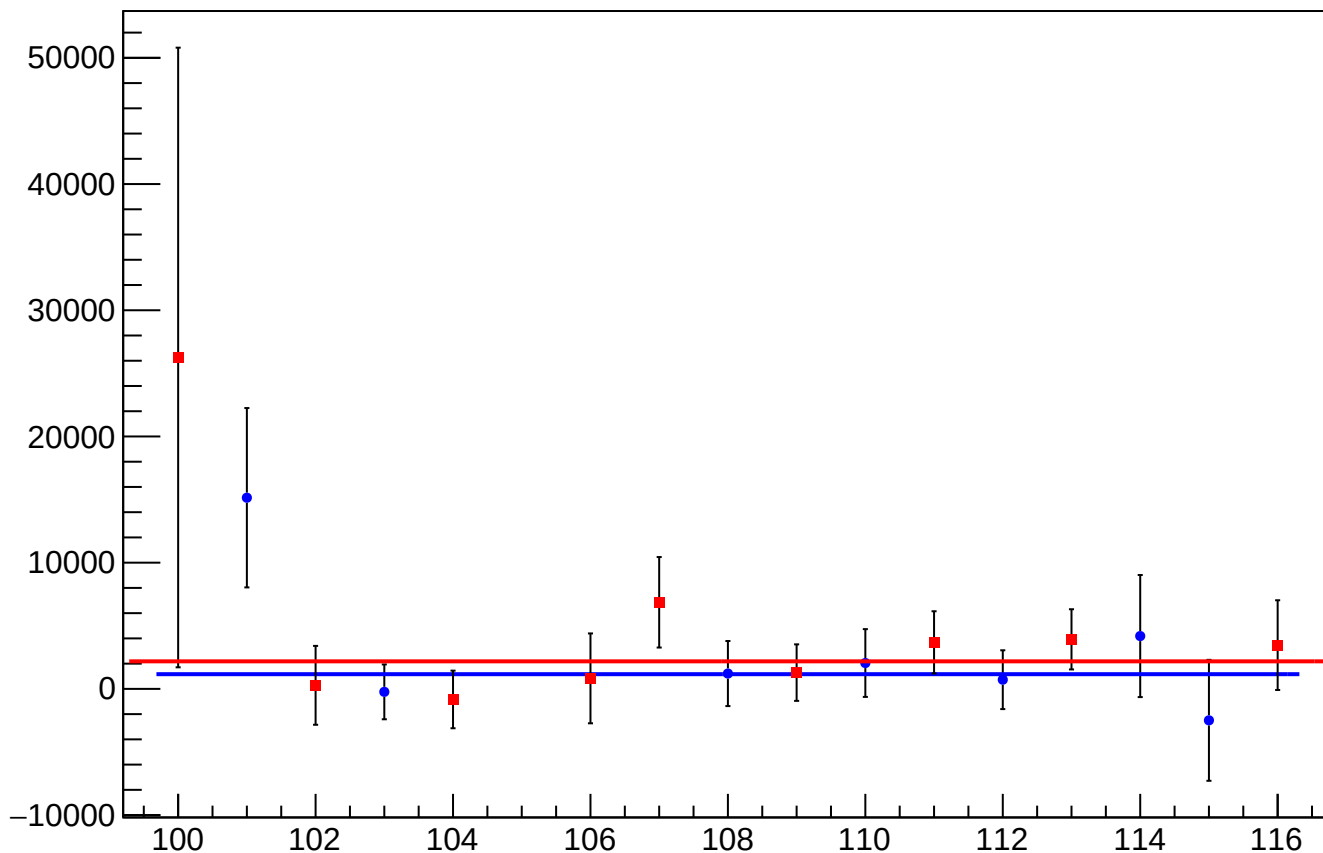
Right: 0.000+/-0.000 χ^2/NDF : 5546848.6/15

In: 0.000+/-0.000 χ^2/NDF : 25522.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5546848.6/15

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1164.517+/-1124.084 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.415+/-965.997 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

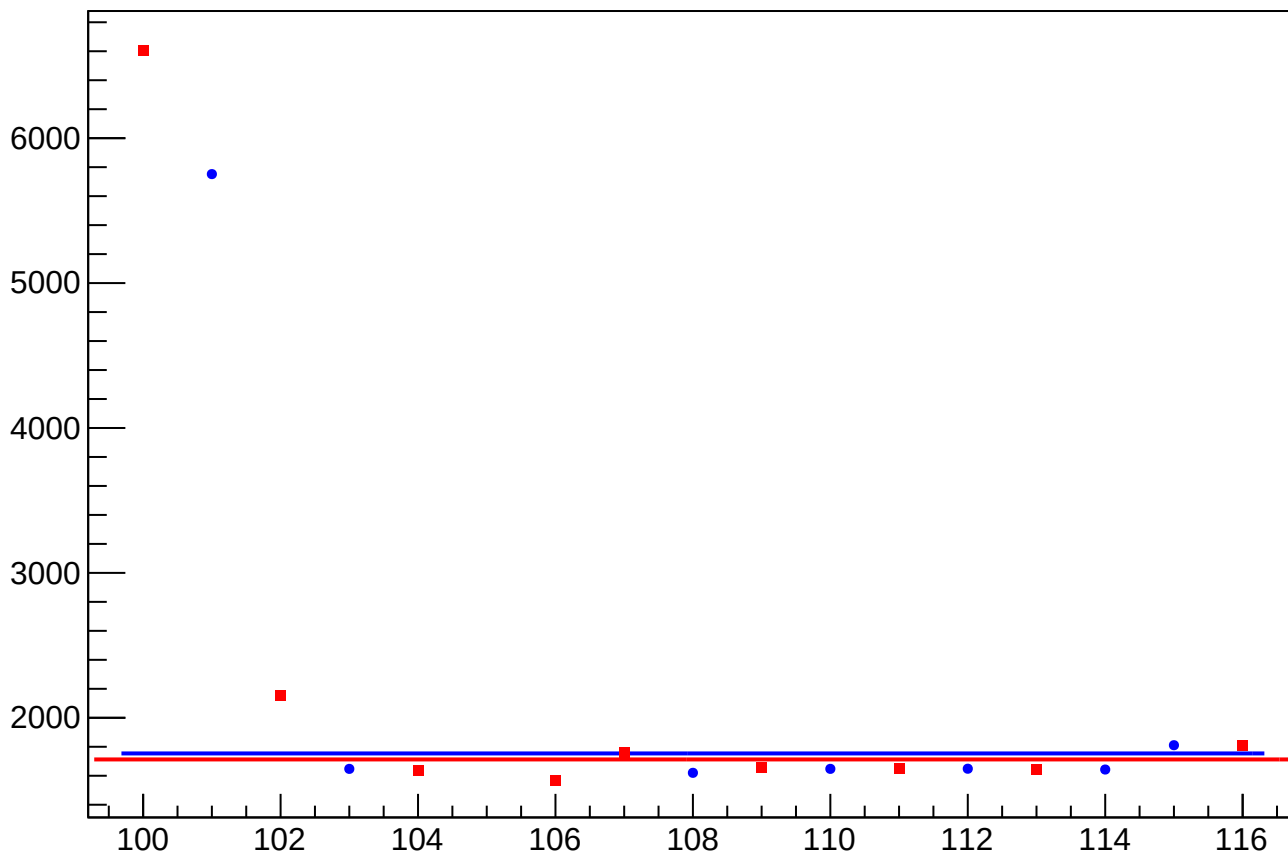
Right: 1750.019+/-732.635 χ^2/NDF : 12.0/15

In: 1164.517+/-1124.084 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.019+/-732.635 χ^2/NDF : 12.0/15

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1754.014+/-0.795 χ^2/NDF : 651977.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.573+/-0.672 χ^2/NDF : 132578.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

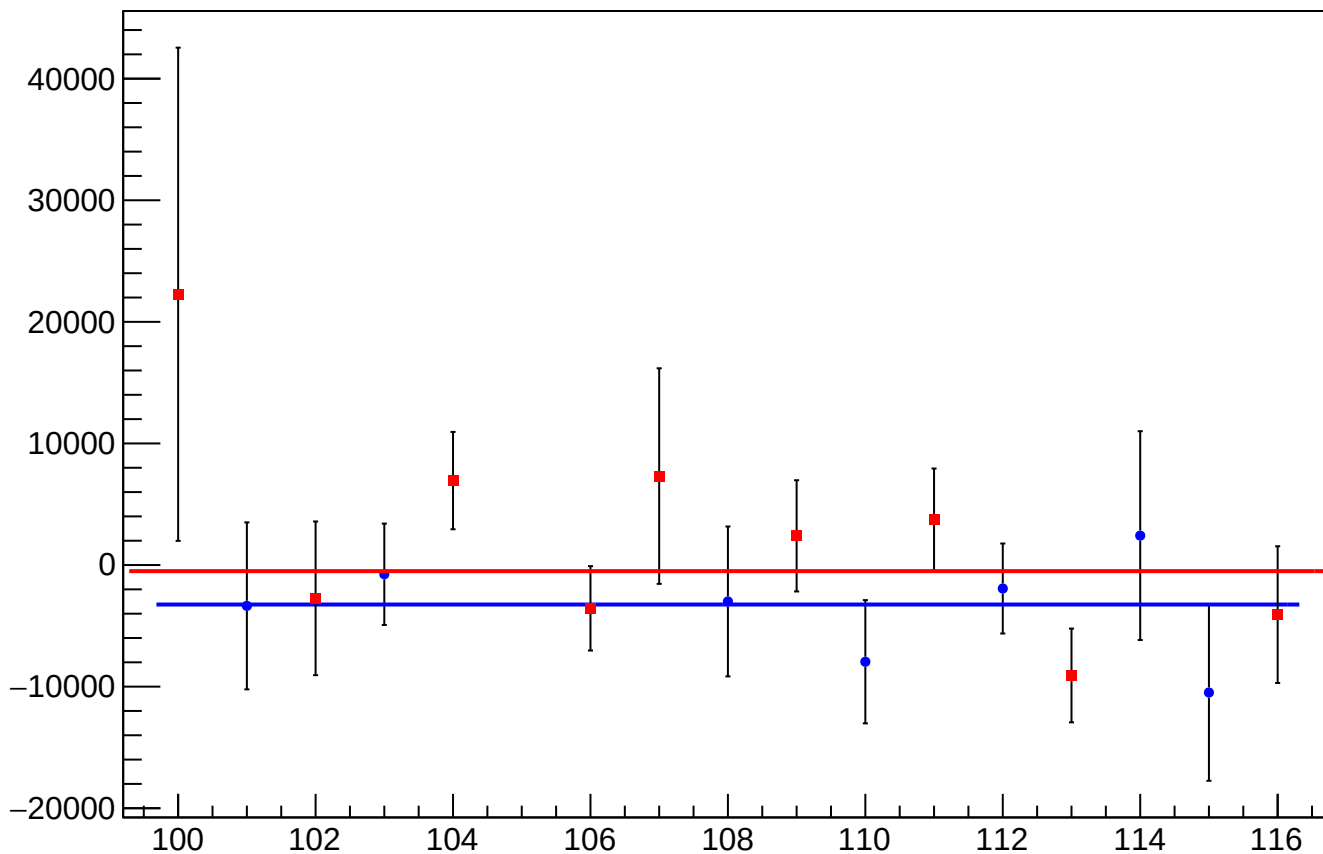
Right: 1729.856+/-0.513 χ^2/NDF : 786140.0/15

In: 1754.014+/-0.795 χ^2/NDF : 651977.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.856+/-0.513 χ^2/NDF : 786140.0/15

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3246.790+/-2001.669 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -500.667+/-1602.575 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

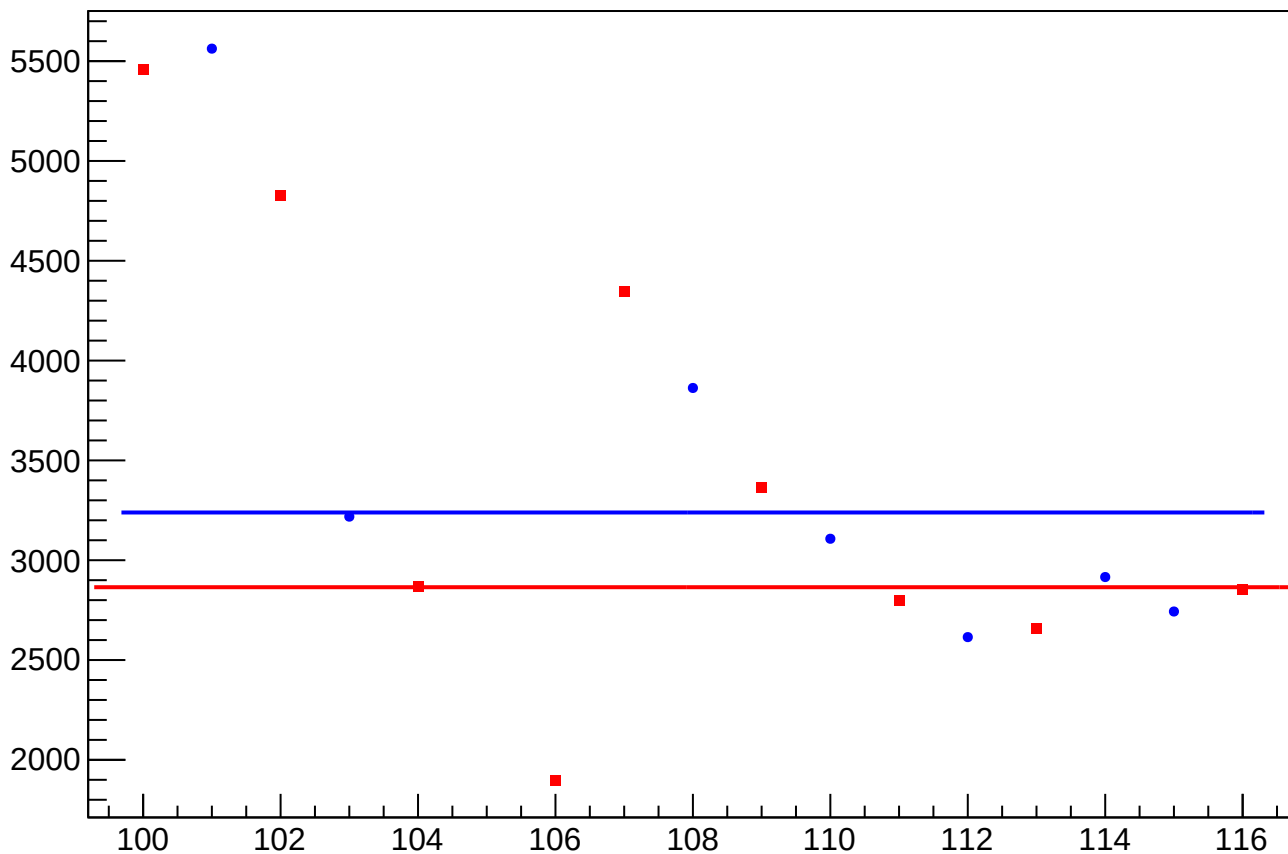
Right: -1573.337+/-1251.023 χ^2/NDF : 17.1/15

In: -3246.790+/-2001.669 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1573.337+/-1251.023 χ^2/NDF : 17.1/15

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3239.092 $\pm$ 1.415 χ^2 /NDF: 319938.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2864.802 $\pm$ 1.133 χ^2 /NDF: 467026.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

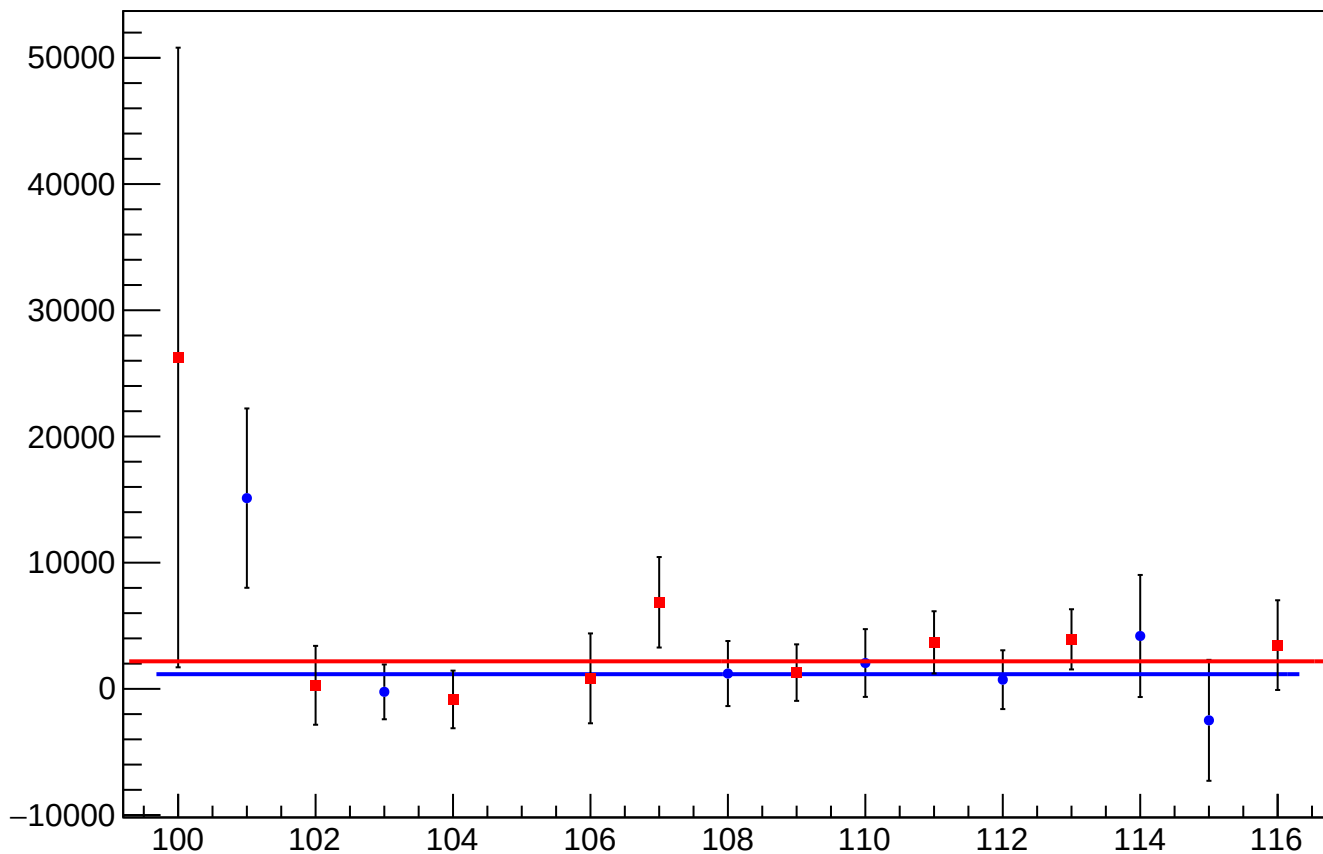
Right: 3011.004 $\pm$ 0.885 χ^2 /NDF: 829579.1/15

In: 3239.092 $\pm$ 1.415 χ^2 /NDF:319938.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3011.004 $\pm$ 0.885 χ^2 /NDF: 829579.1/15

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1163.898+/-1124.084 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.614+/-965.997 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

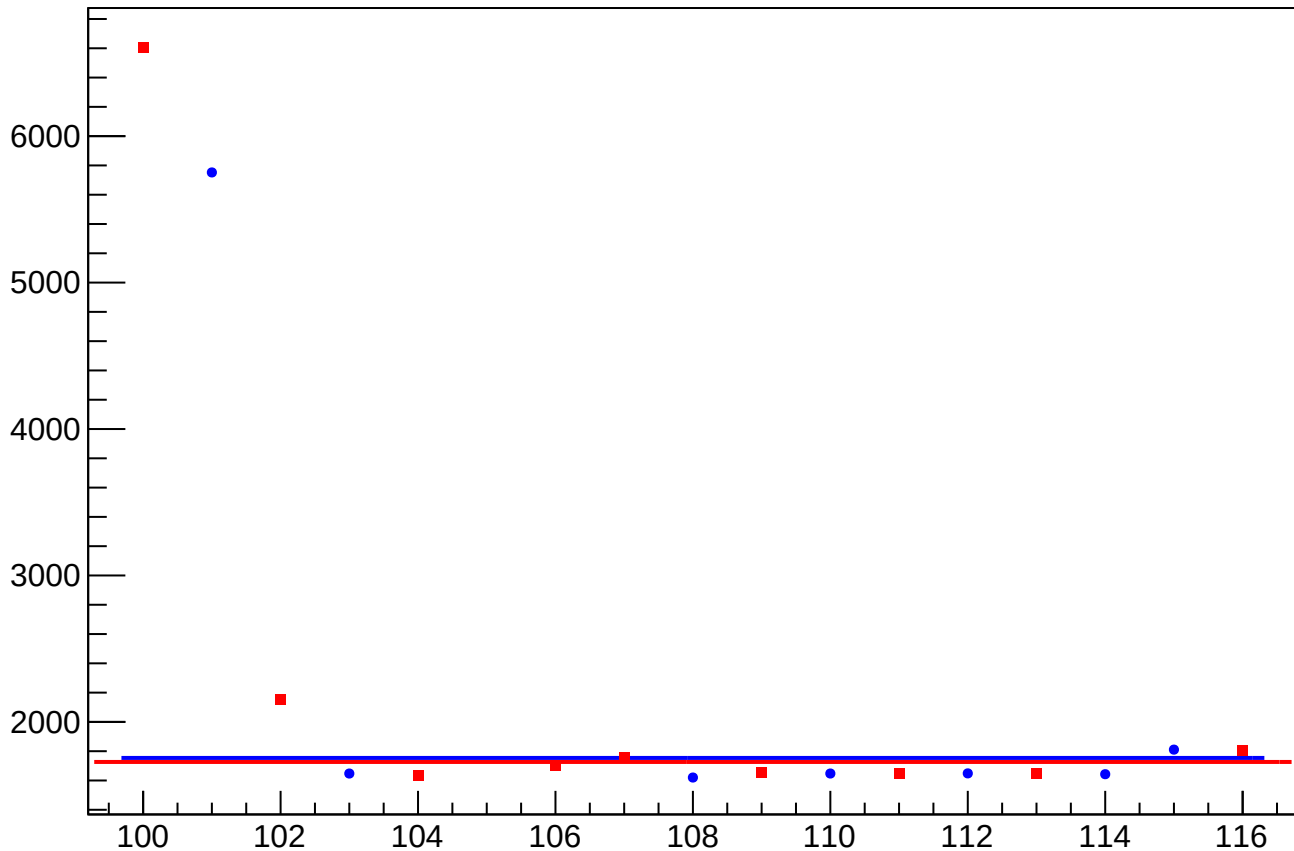
Right: 1749.870+/-732.635 χ^2/NDF : 12.0/15

In: 1163.898+/-1124.084 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.870+/-732.635 χ^2/NDF : 12.0/15

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1754.013+/-0.795 χ^2/NDF : 651977.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.591+/-0.678 χ^2/NDF : 127391.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

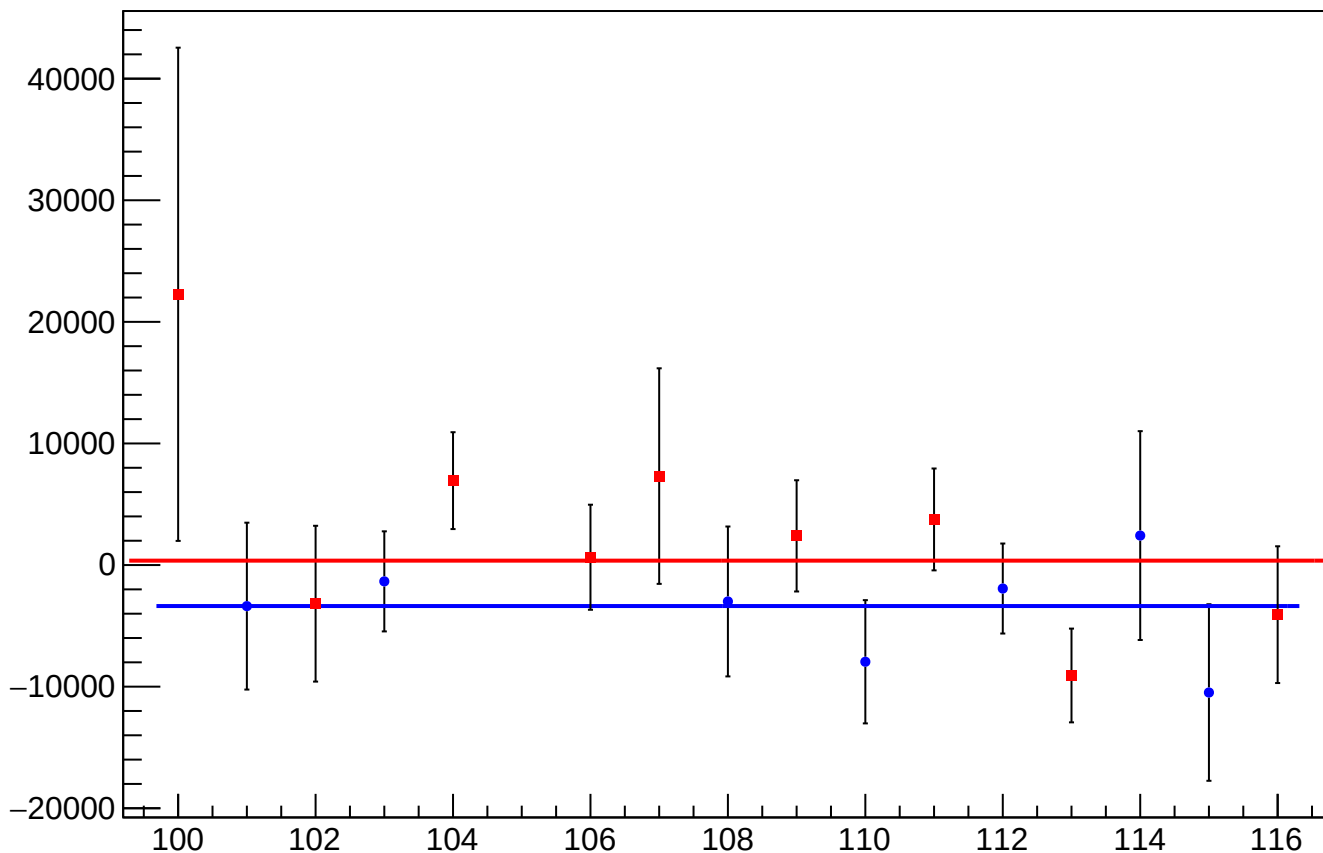
Right: 1738.131+/-0.516 χ^2/NDF : 780058.5/15

In: 1754.013+/-0.795 χ^2/NDF : 651977.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.131+/-0.516 χ^2/NDF : 780058.5/15

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3370.742+/-1995.690 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.050+/-1667.000 χ^2/NDF : 12.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

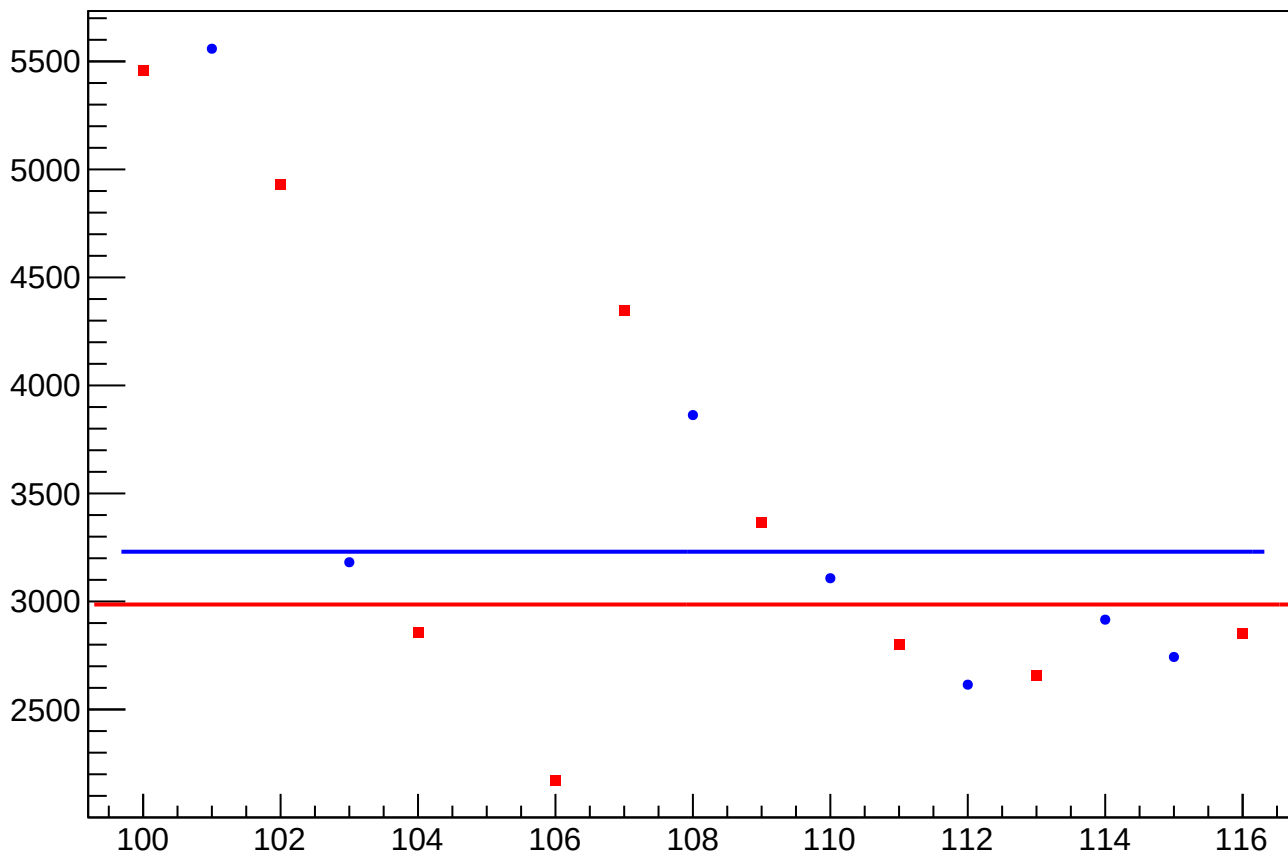
Right: -1171.452+/-1279.386 χ^2/NDF : 17.0/15

In: -3370.742+/-1995.690 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1171.452+/-1279.386 χ^2/NDF : 17.0/15

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3230.261+/-1.411 χ^2/NDF : 319791.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2985.891+/-1.179 χ^2/NDF : 367032.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

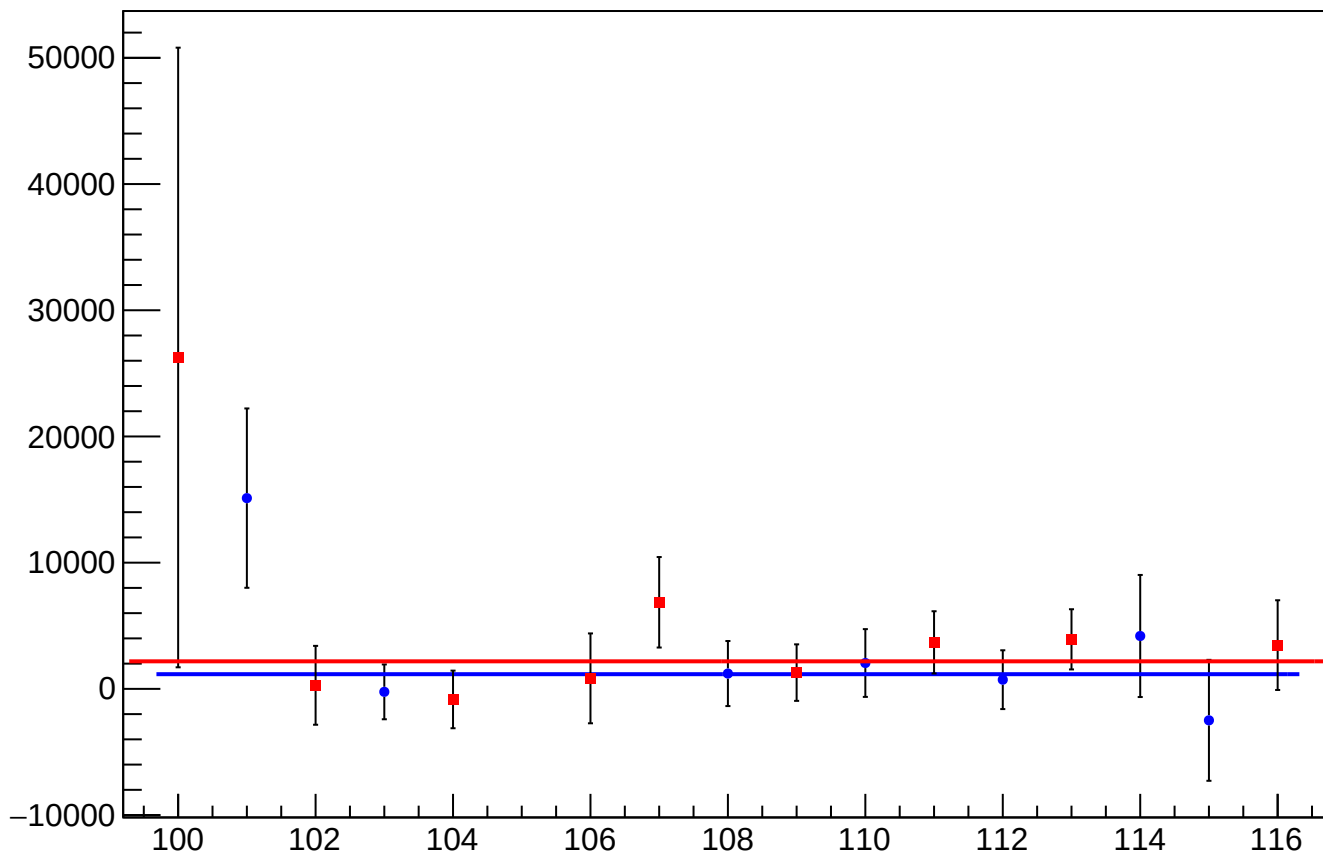
Right: 3086.322+/-0.905 χ^2/NDF : 704487.0/15

In: 3230.261+/-1.411 χ^2/NDF : 319791.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3086.322+/-0.905 χ^2/NDF : 704487.0/15

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1163.898+/-1124.084 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.614+/-965.997 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

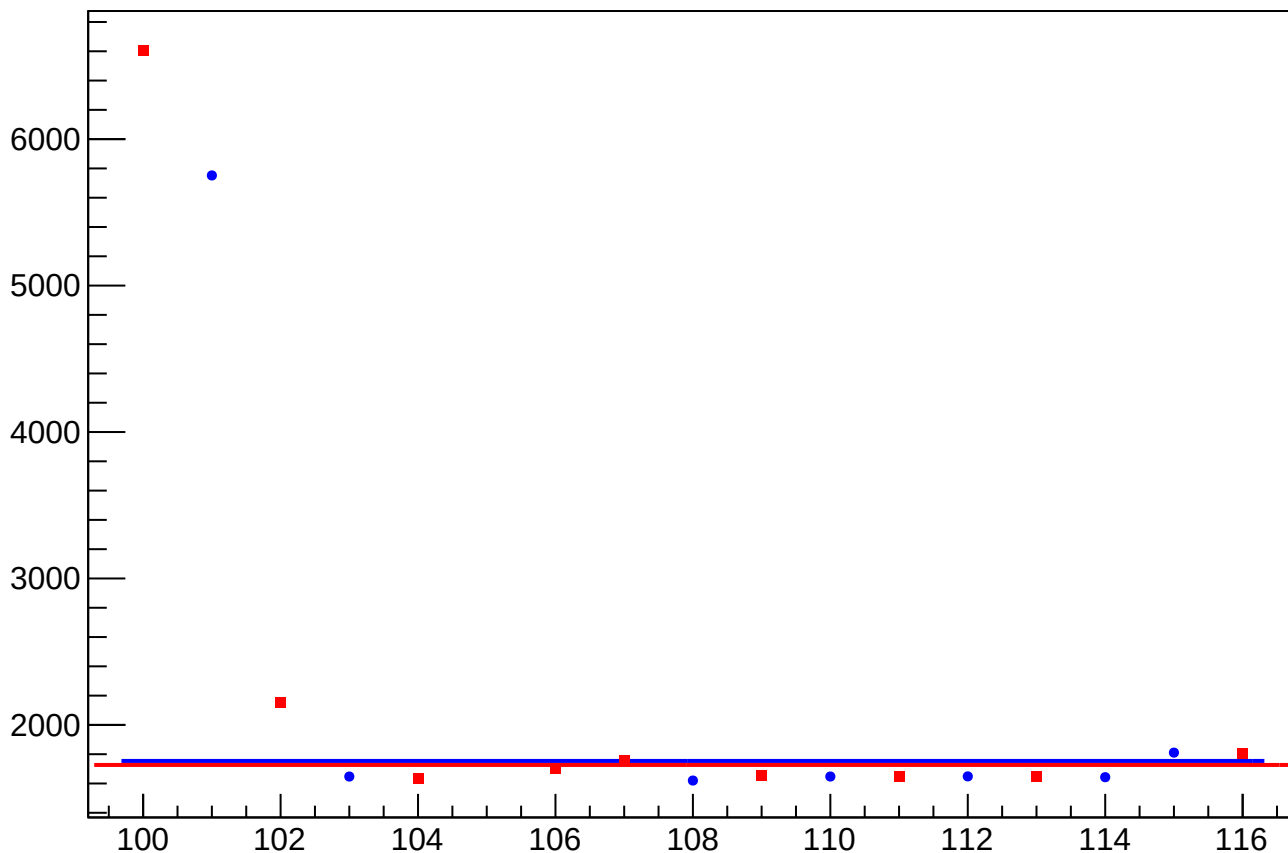
Right: 1749.870+/-732.635 χ^2/NDF : 12.0/15

In: 1163.898+/-1124.084 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.870+/-732.635 χ^2/NDF : 12.0/15

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1754.013+/-0.795 χ^2/NDF : 651977.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1726.591+/-0.678 χ^2/NDF : 127391.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

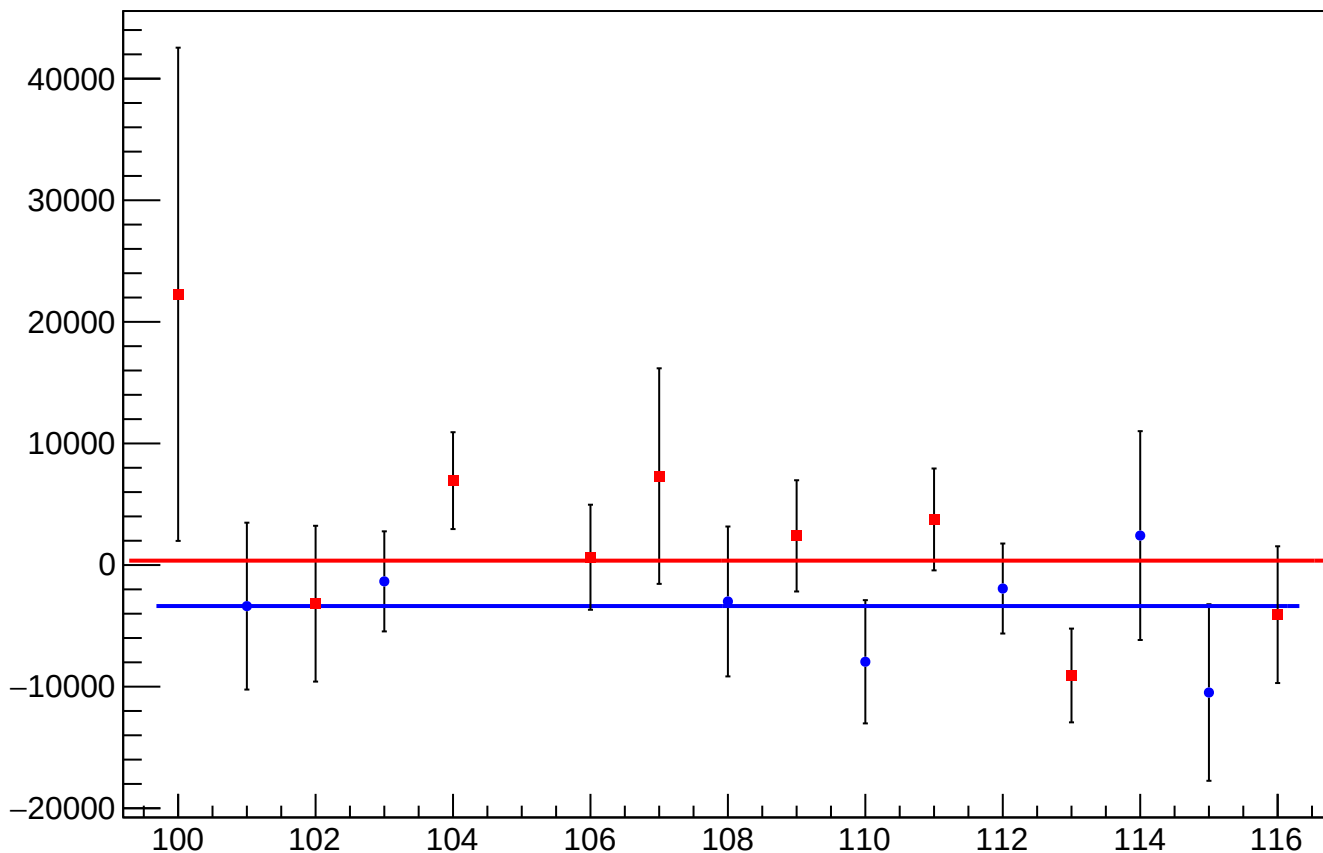
Right: 1738.131+/-0.516 χ^2/NDF : 780058.5/15

In: 1754.013+/-0.795 χ^2/NDF :651977.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1738.131+/-0.516 χ^2/NDF : 780058.5/15

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3370.742+/-1995.690 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.050+/-1667.000 χ^2/NDF : 12.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

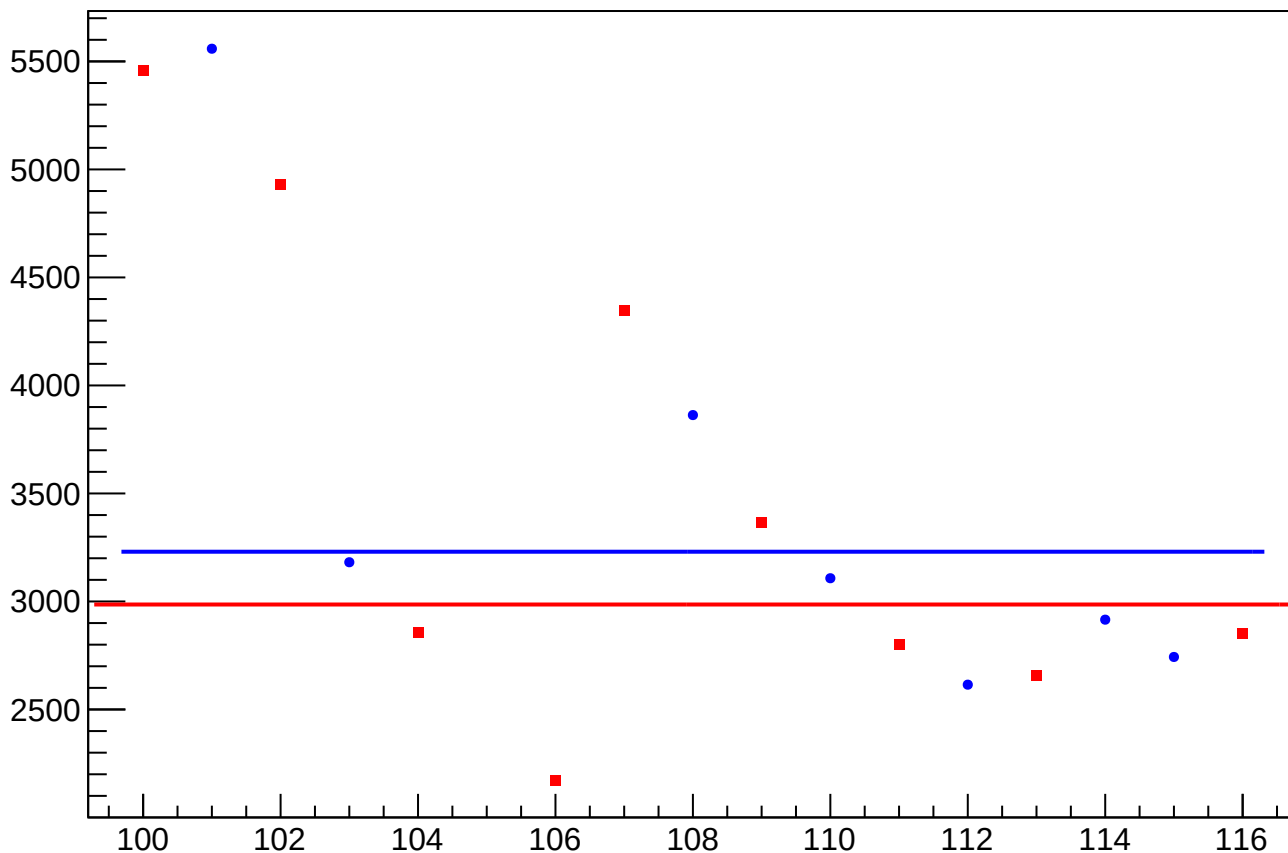
Right: -1171.452+/-1279.386 χ^2/NDF : 17.0/15

In: -3370.742+/-1995.690 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1171.452+/-1279.386 χ^2/NDF : 17.0/15

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3230.261+/-1.411 χ^2/NDF : 319791.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2985.891+/-1.179 χ^2/NDF : 367032.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

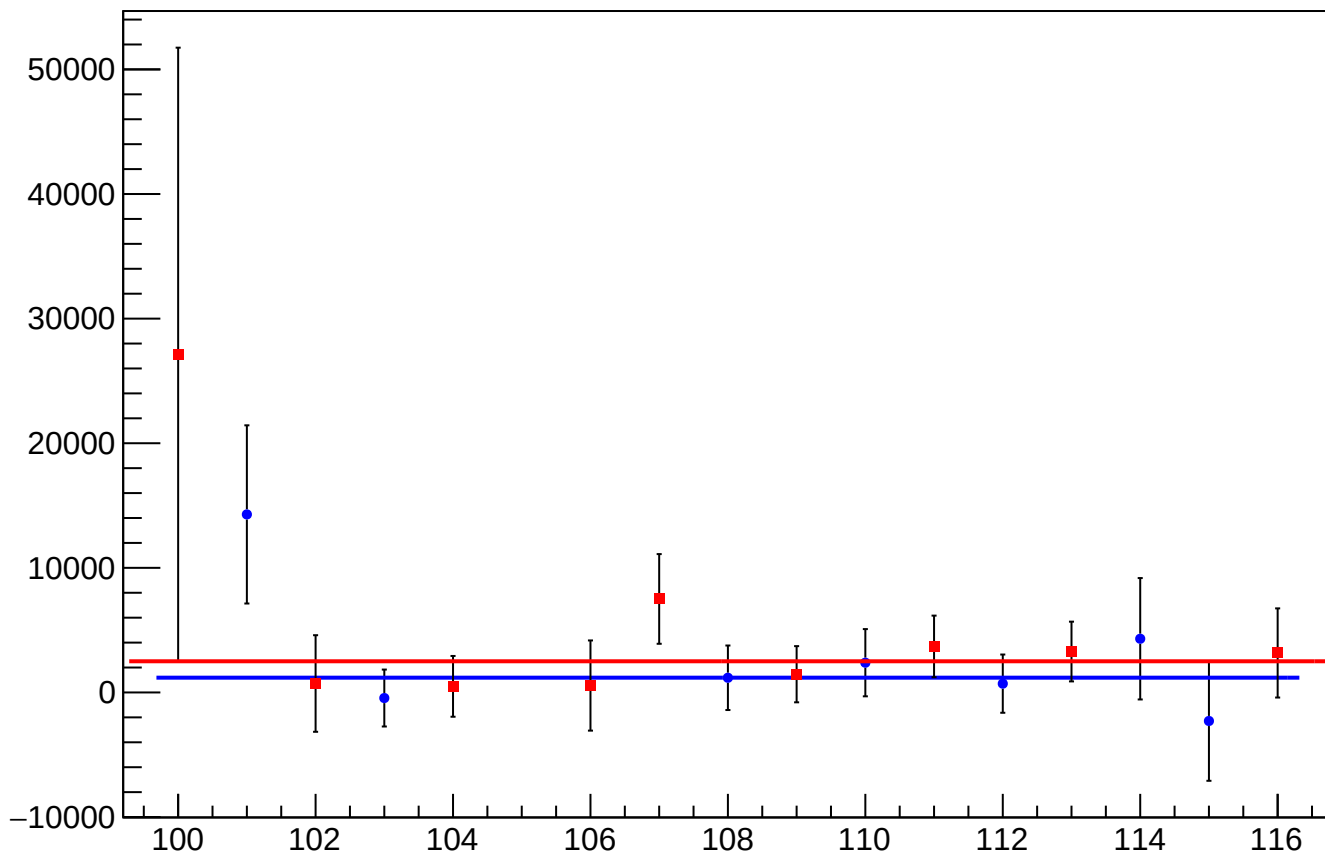
Right: 3086.322+/-0.905 χ^2/NDF : 704487.0/15

In: 3230.261+/-1.411 χ^2/NDF : 319791.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3086.322+/-0.905 χ^2/NDF : 704487.0/15

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1185.921+/-1142.214 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2501.716+/-998.764 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

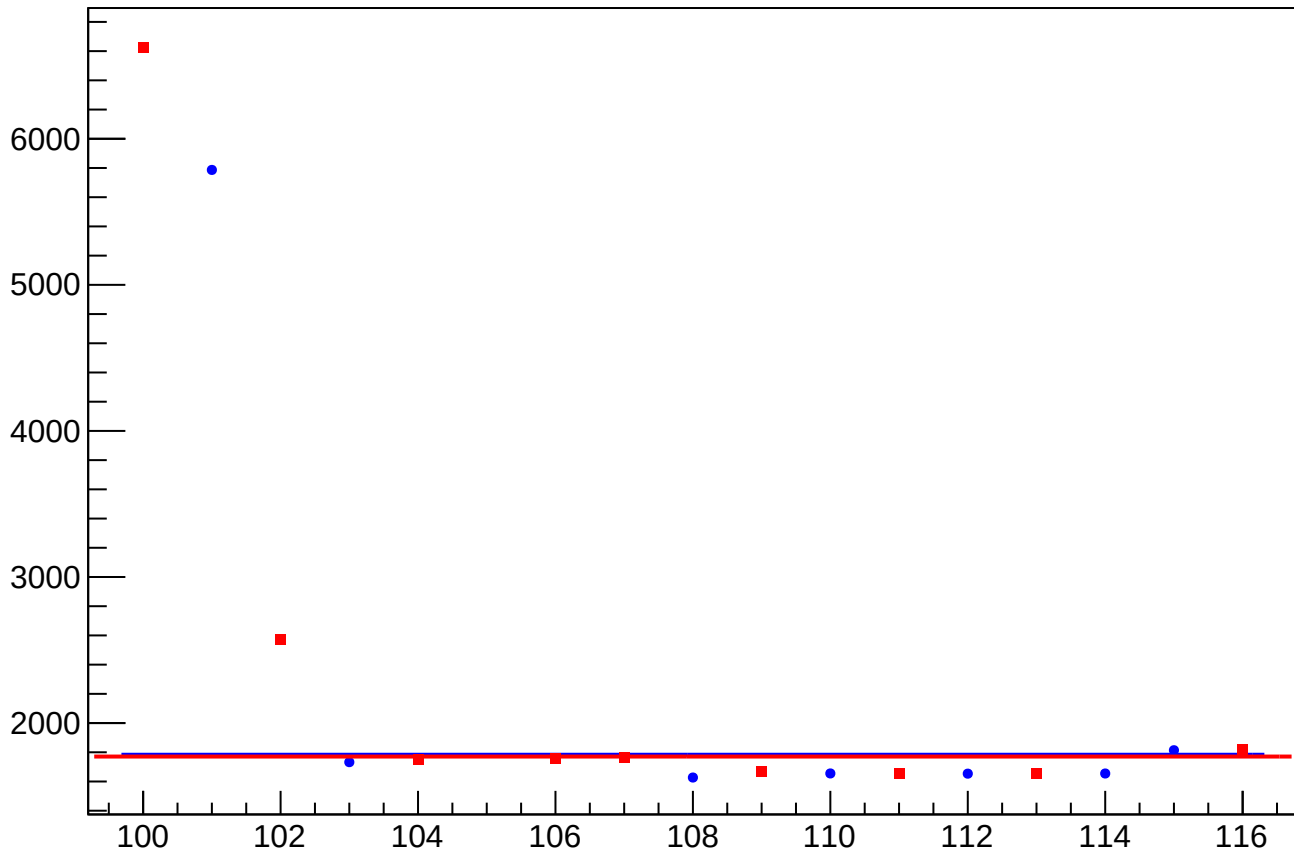
Right: 1931.585+/-751.866 χ^2/NDF : 10.5/15

In: 1185.921+/-1142.214 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.585+/-751.866 χ^2/NDF : 10.5/15

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1783.065+/-0.808 χ^2/NDF : 647444.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.788+/-0.702 χ^2/NDF : 177817.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

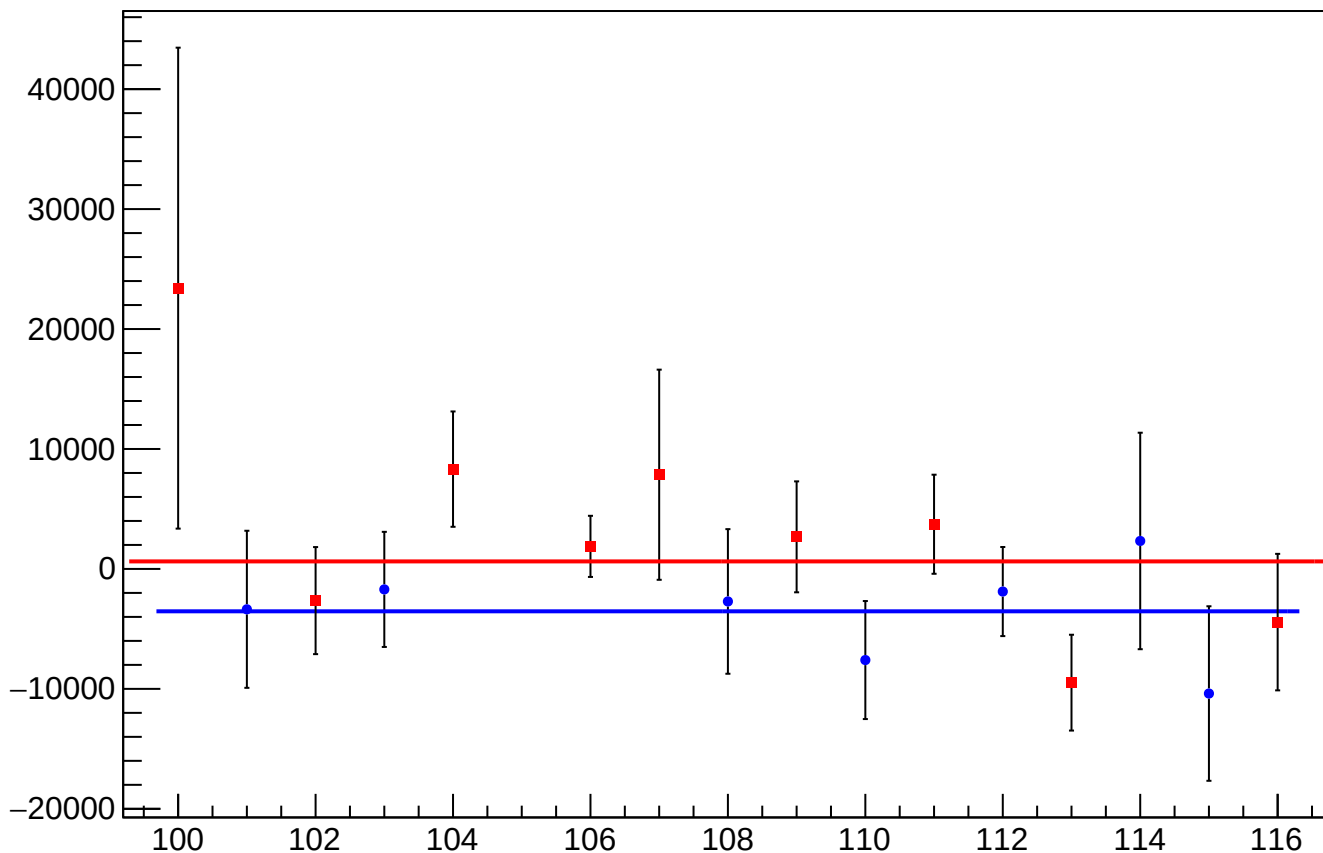
Right: 1776.071+/-0.530 χ^2/NDF : 825393.3/15

In: 1783.065+/-0.808 χ^2/NDF : 647444.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.071+/-0.530 χ^2/NDF : 825393.3/15

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3533.547+/-2044.381 χ^2 /NDF: 2.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 627.250+/-1471.324 χ^2 /NDF: 13.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

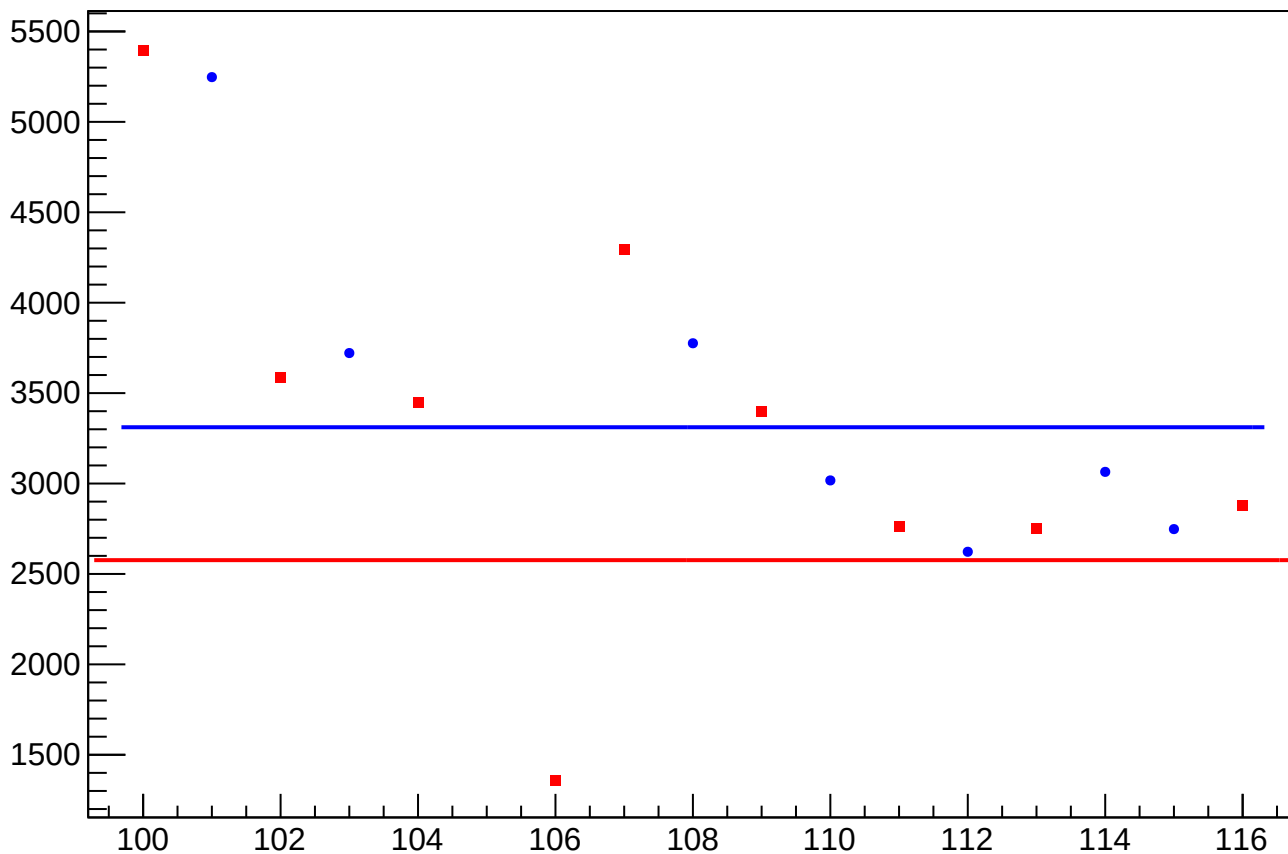
Right: -792.494+/-1194.204 χ^2 /NDF: 18.3/15

In: -3533.547+/-2044.381 χ^2 /NDF:2.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -792.494+/-1194.204 χ^2 /NDF: 18.3/15

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3311.311+/-1.446 χ^2/NDF : 290750.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2576.334+/-1.040 χ^2/NDF : 819446.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

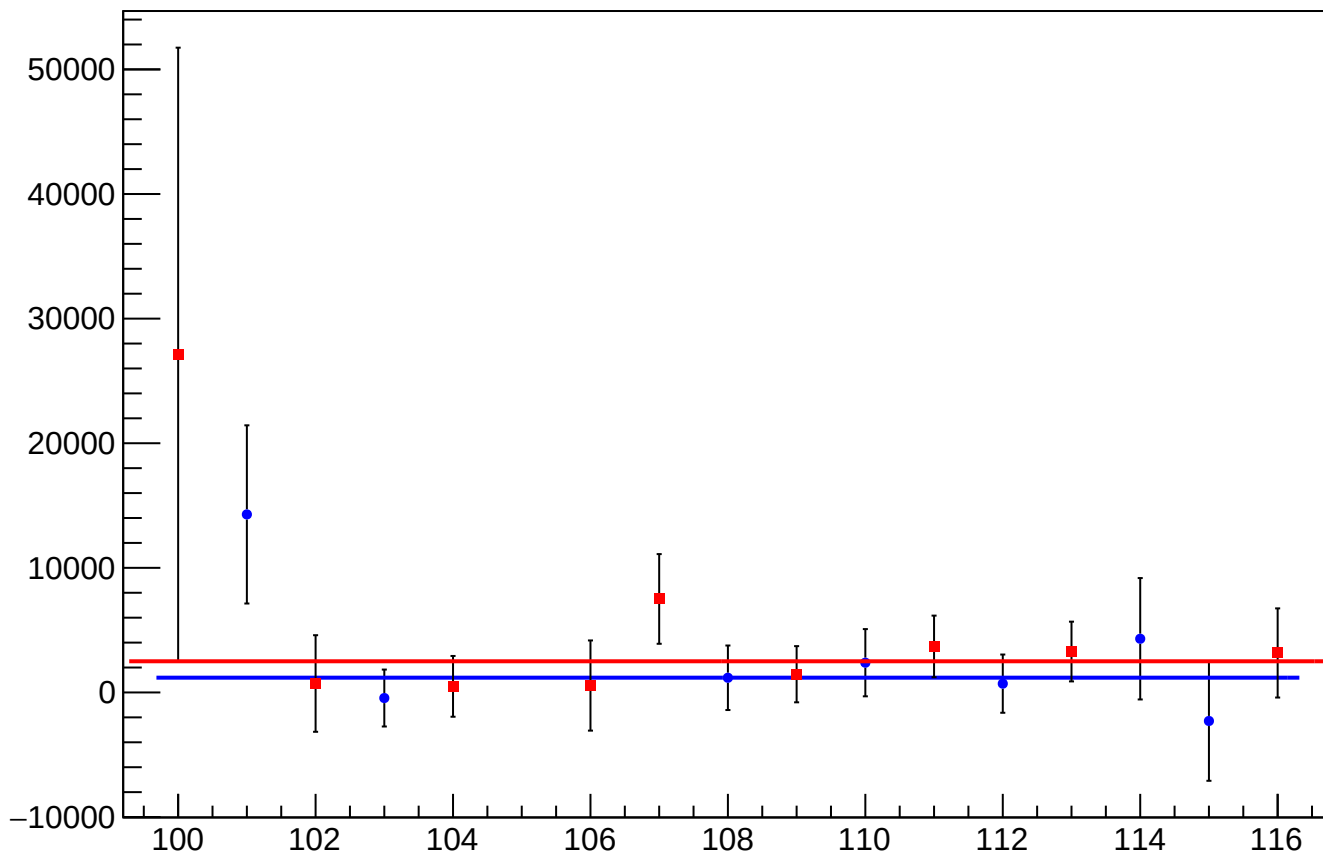
Right: 2827.122+/-0.844 χ^2/NDF : 1280489.4/15

In: 3311.311+/-1.446 χ^2/NDF : 290750.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2827.122+/-0.844 χ^2/NDF : 1280489.4/15

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1185.935+/-1142.214 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2501.722+/-998.764 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

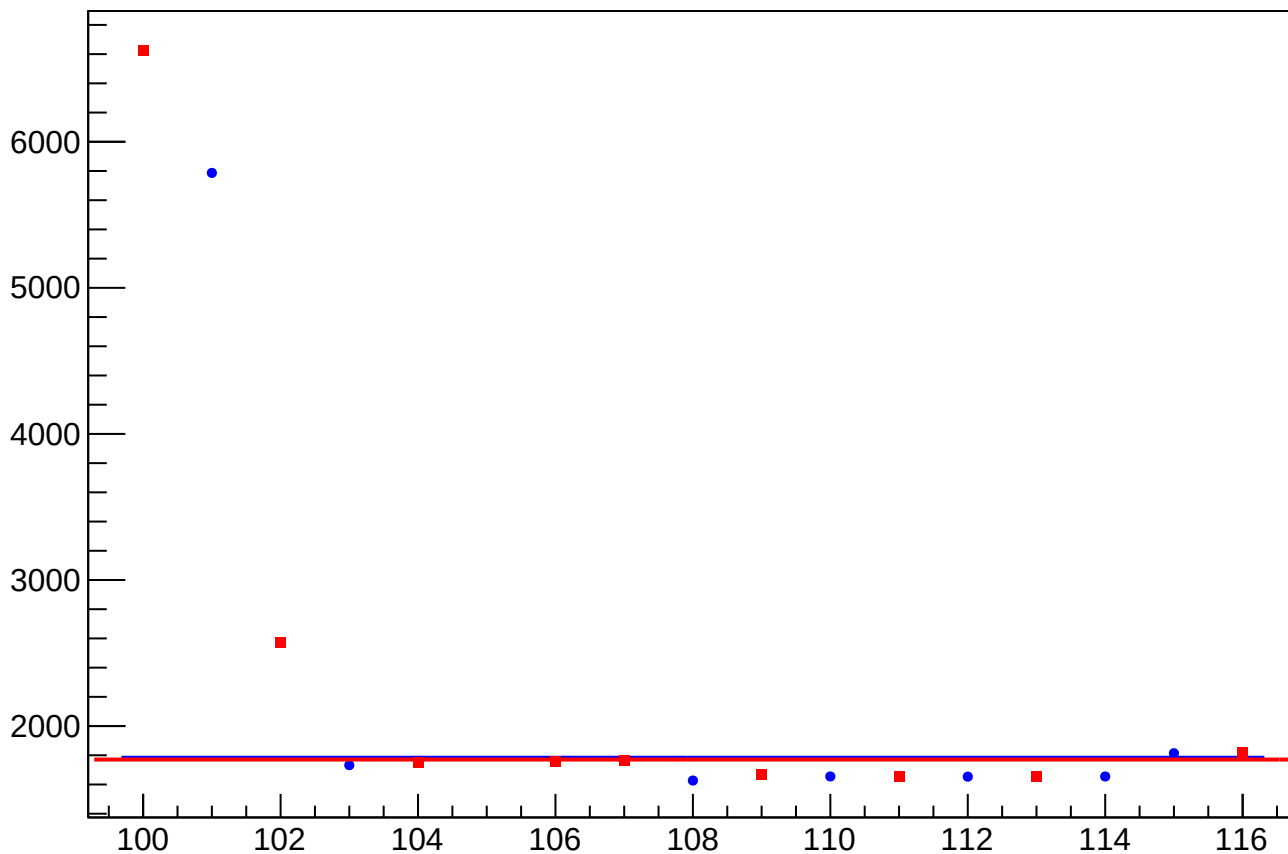
Right: 1931.595+/-751.866 χ^2/NDF : 10.5/15

In: 1185.935+/-1142.214 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.595+/-751.866 χ^2/NDF : 10.5/15

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1783.065+/-0.808 χ^2/NDF : 647444.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.788+/-0.702 χ^2/NDF : 177816.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

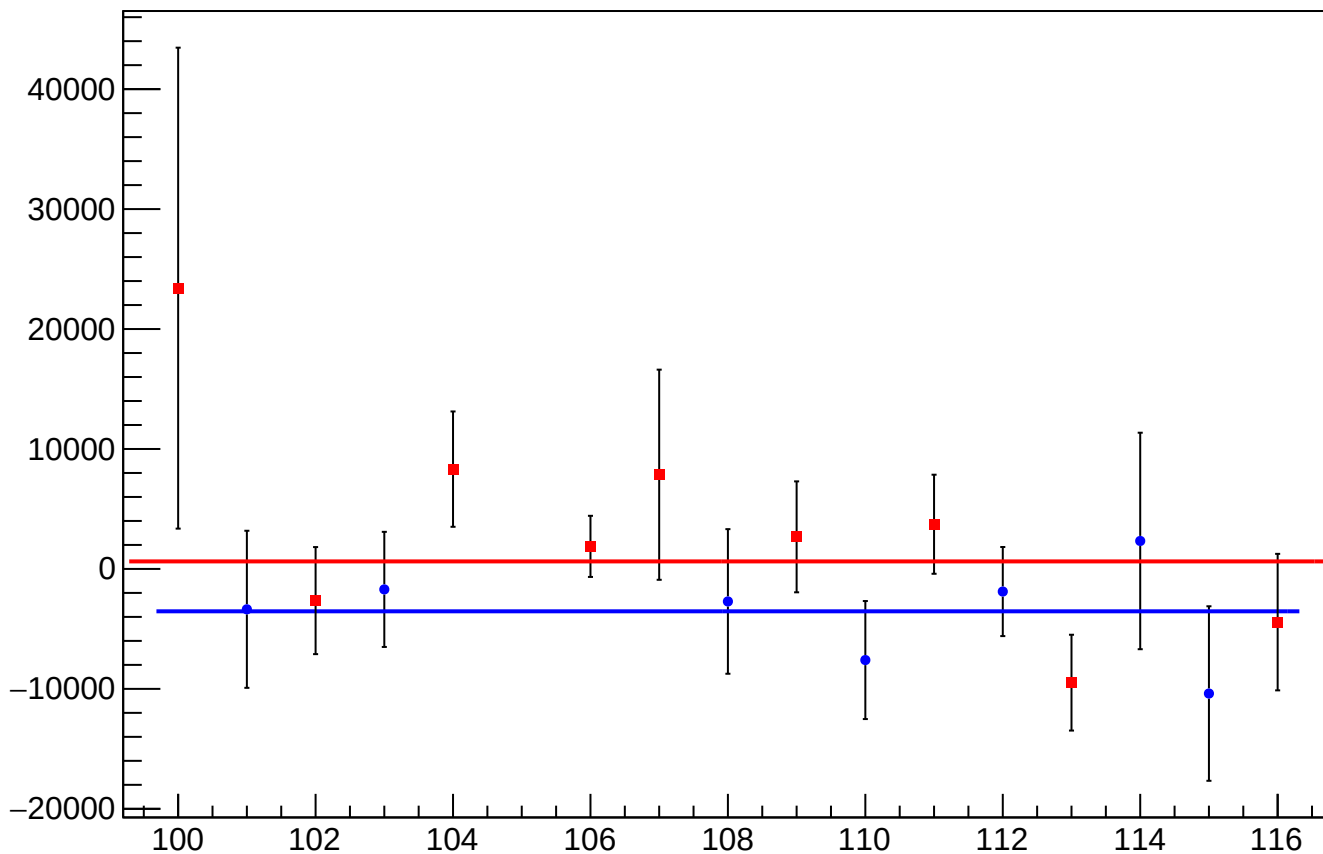
Right: 1776.071+/-0.530 χ^2/NDF : 825393.1/15

In: 1783.065+/-0.808 χ^2/NDF : 647444.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.071+/-0.530 χ^2/NDF : 825393.1/15

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3533.538 $\pm$ 2044.375 χ^2 /NDF: 2.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 627.249 $\pm$ 1471.317 χ^2 /NDF: 13.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

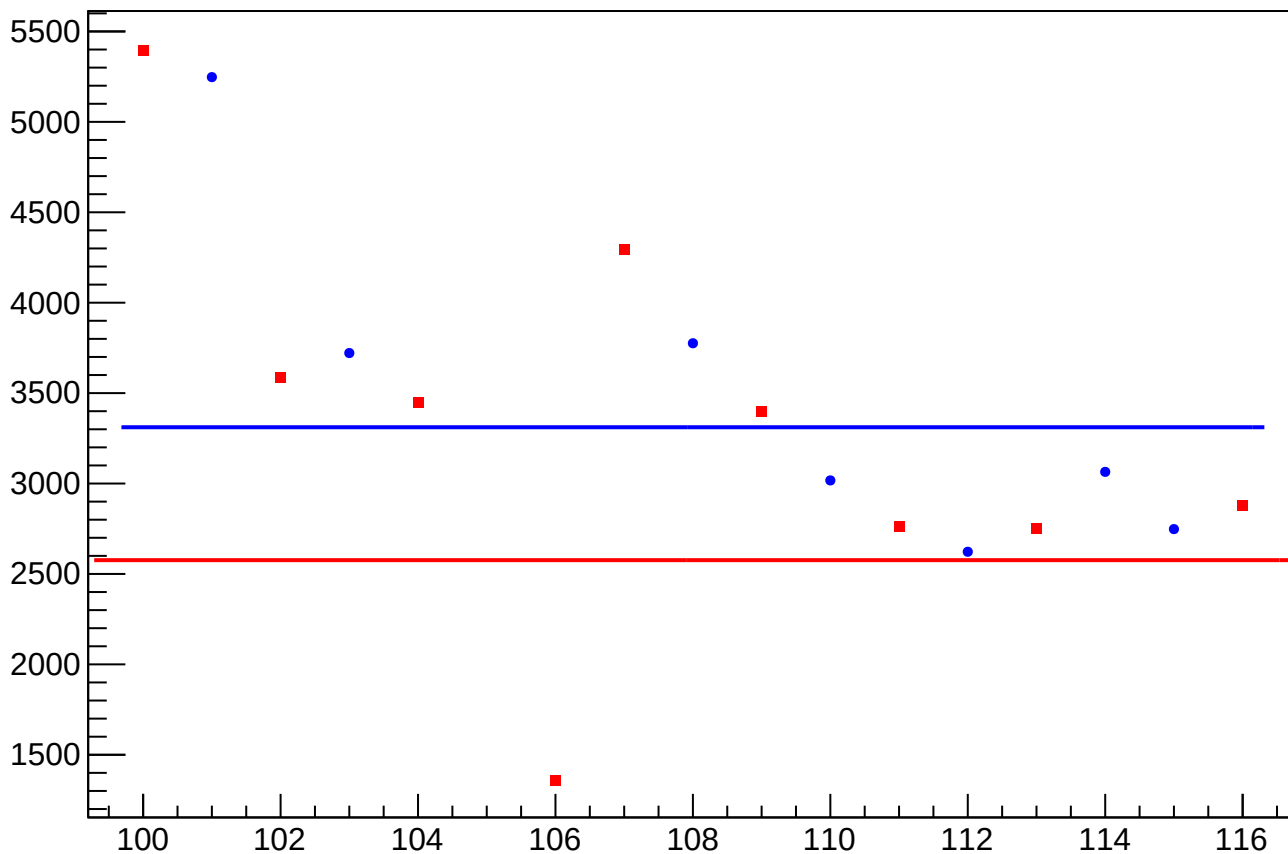
Right: -792.490 $\pm$ 1194.200 χ^2 /NDF: 18.3/15

In: -3533.538 $\pm$ 2044.375 χ^2 /NDF:2.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -792.490 $\pm$ 1194.200 χ^2 /NDF: 18.3/15

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3311.300+/-1.446 χ^2/NDF : 290753.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2576.319+/-1.040 χ^2/NDF : 819459.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

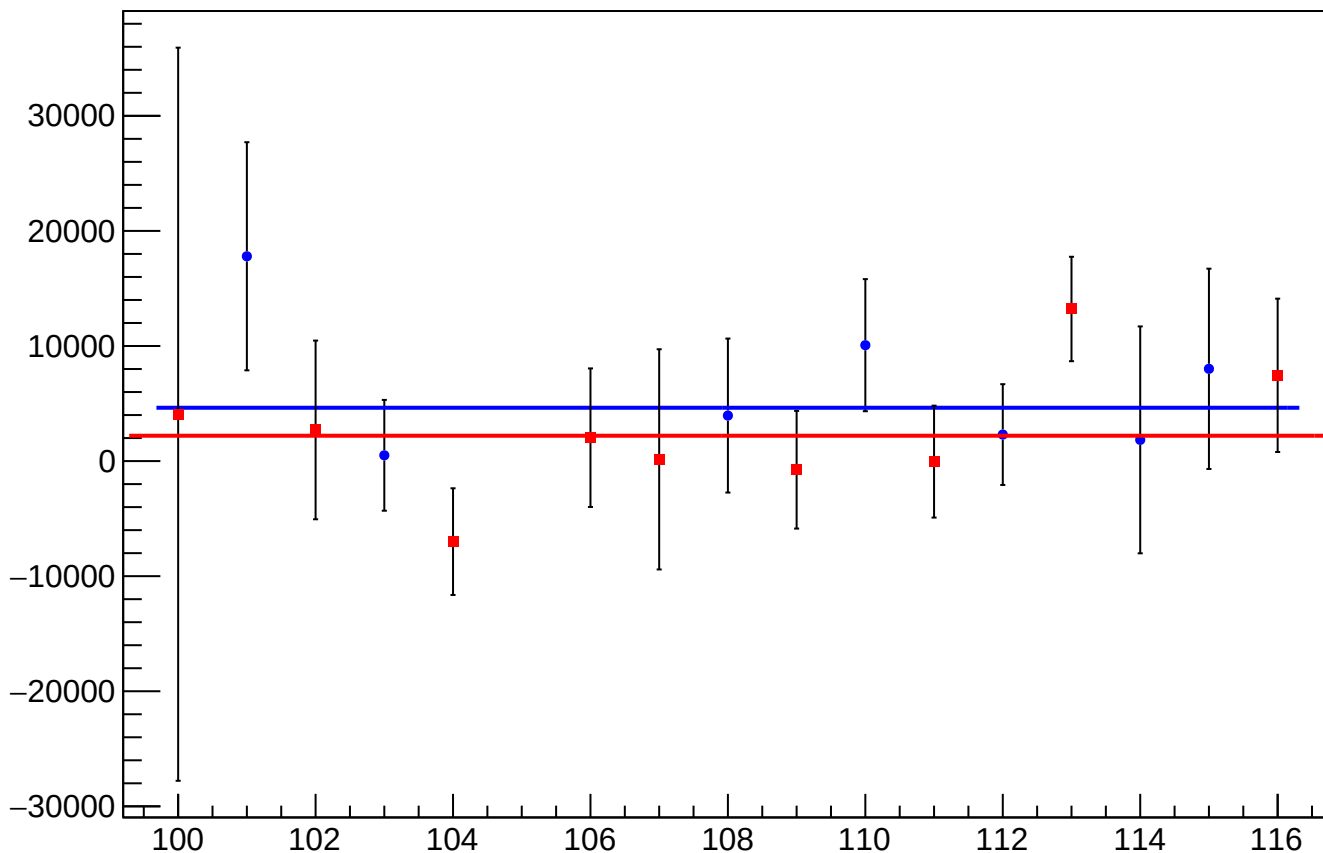
Right: 2827.108+/-0.844 χ^2/NDF : 1280507.7/15

In: 3311.300+/-1.446 χ^2/NDF : 290753.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2827.108+/-0.844 χ^2/NDF : 1280507.7/15

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 4634.358+/-2346.073 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.116+/-1983.096 χ^2/NDF : 11.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

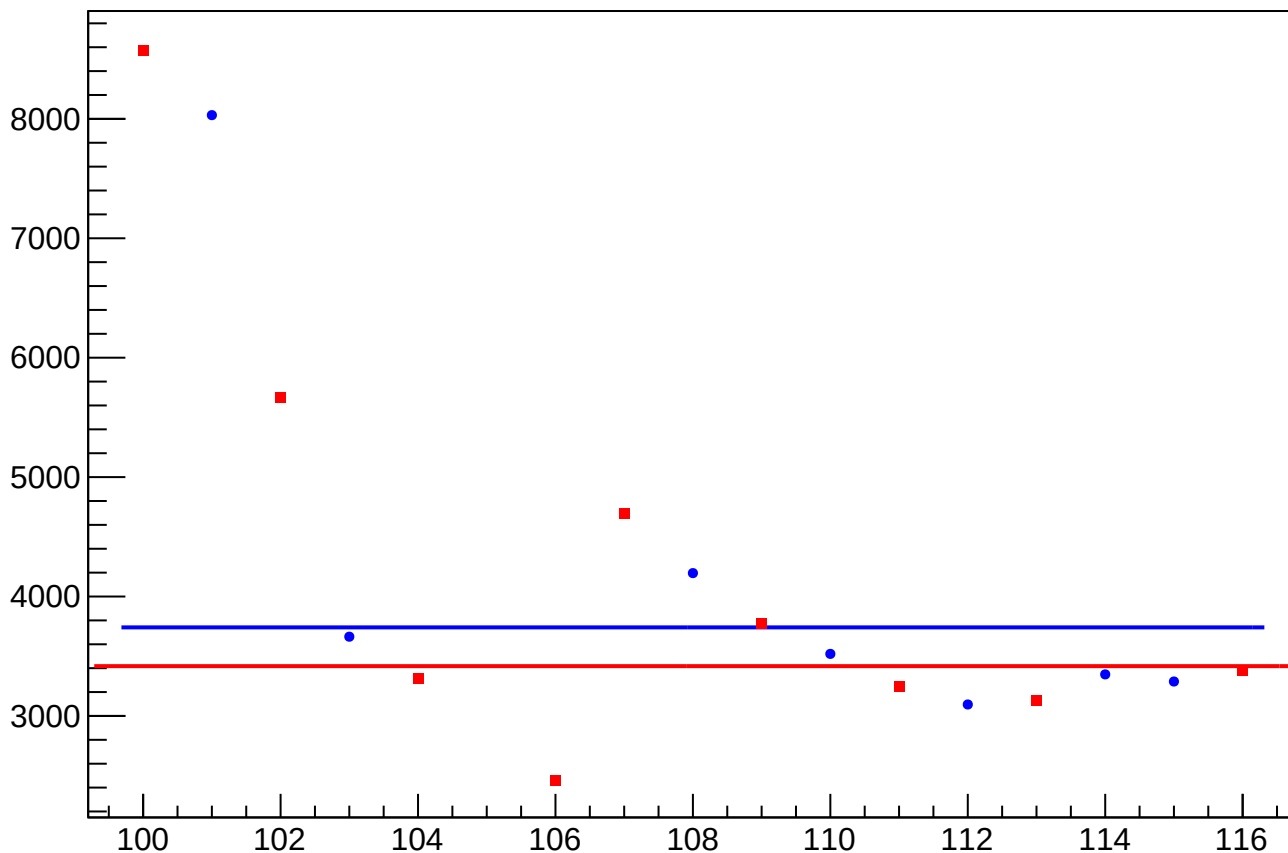
Right: 3216.314+/-1514.518 χ^2/NDF : 15.6/15

In: 4634.358+/-2346.073 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3216.314+/-1514.518 χ^2/NDF : 15.6/15

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3741.577+/-1.659 χ^2/NDF : 439435.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3416.999+/-1.356 χ^2/NDF : 359032.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

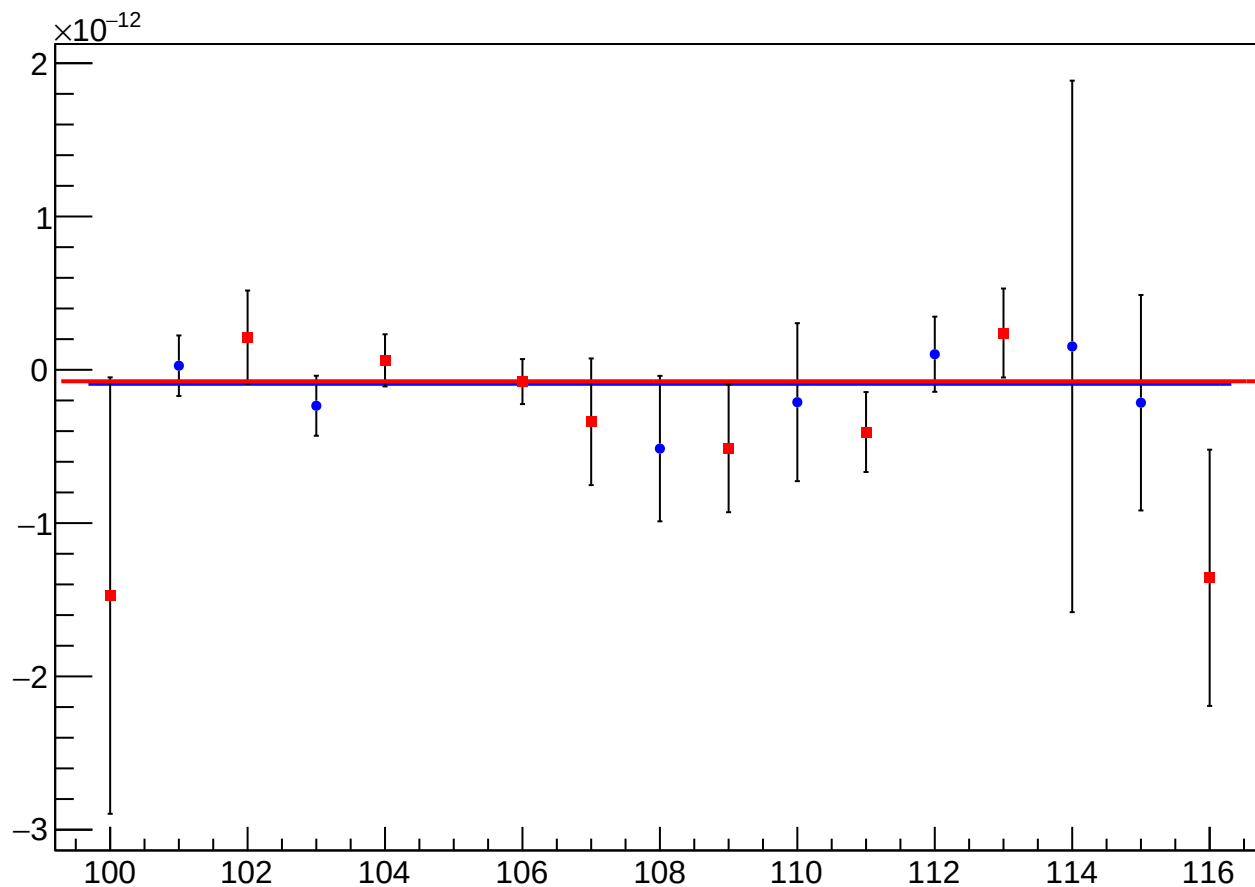
Right: 3547.047+/-1.050 χ^2/NDF : 821411.3/15

In: 3741.577+/-1.659 χ^2/NDF : 439435.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3547.047+/-1.050 χ^2/NDF : 821411.3/15

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

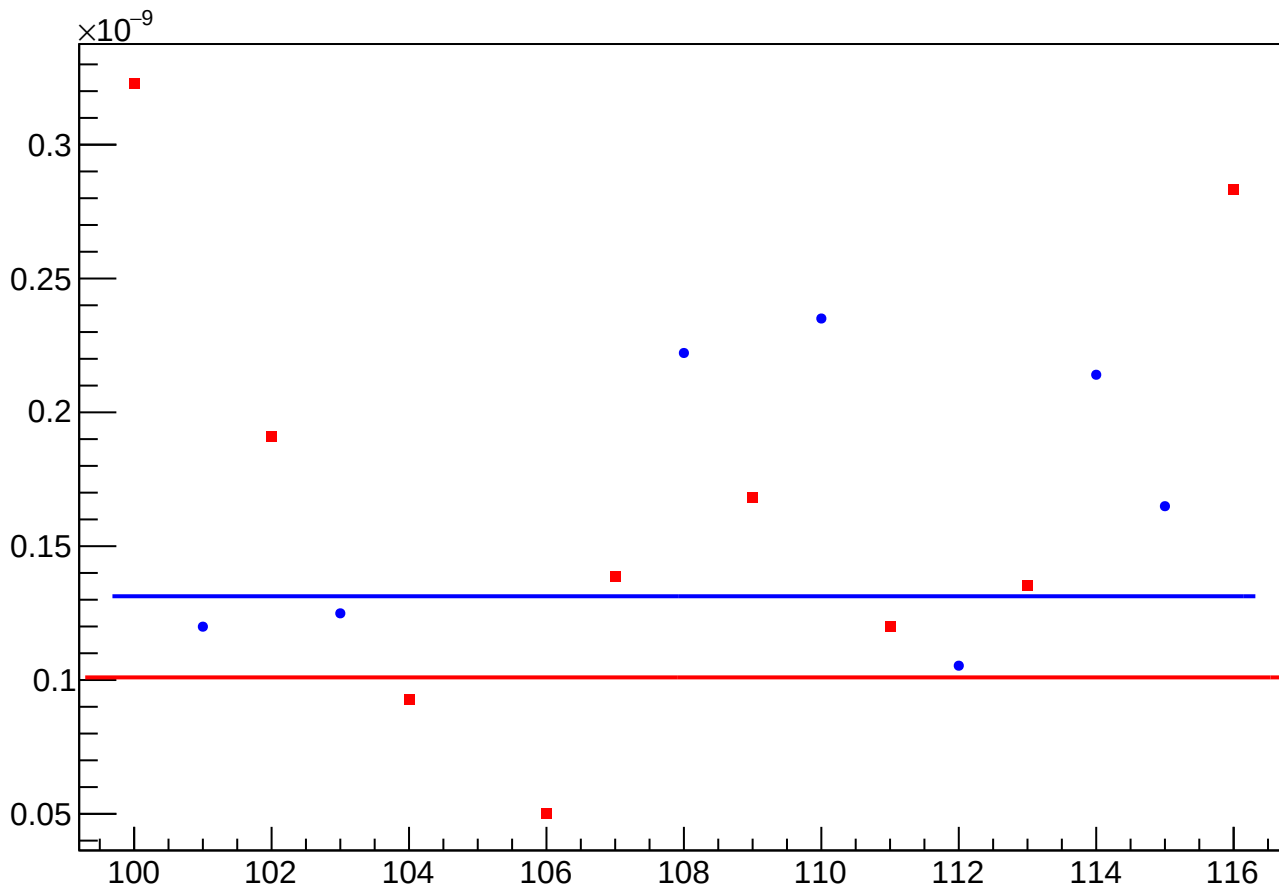
Right: -0.000+/-0.000 χ^2 /NDF: 11.6/15

In: -0.000+/-0.000 χ^2 /NDF:2.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/15

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 194801.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 670508.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

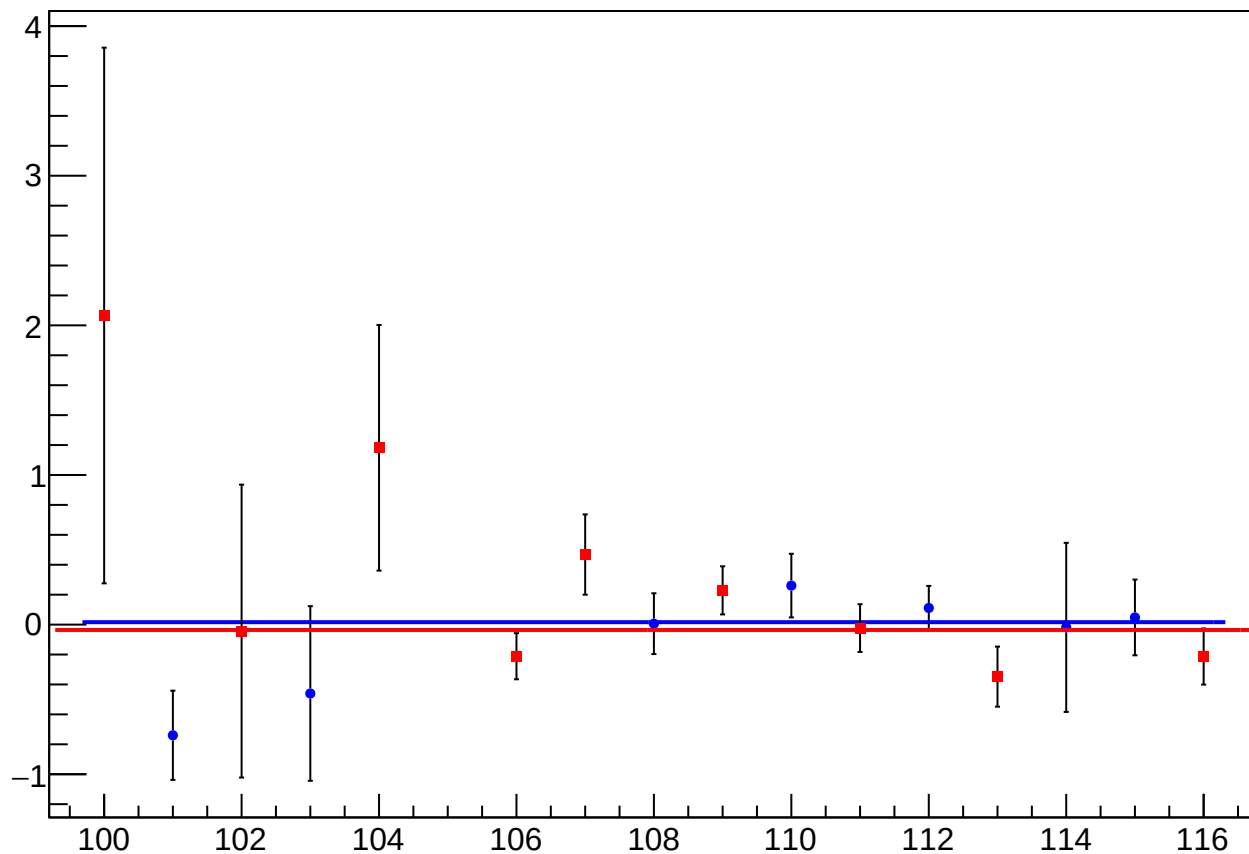
Right: 0.000+/-0.000 χ^2/NDF : 956095.9/15

In: 0.000+/-0.000 χ^2/NDF : 194801.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 956095.9/15

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.089 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.073 χ^2/NDF : 14.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

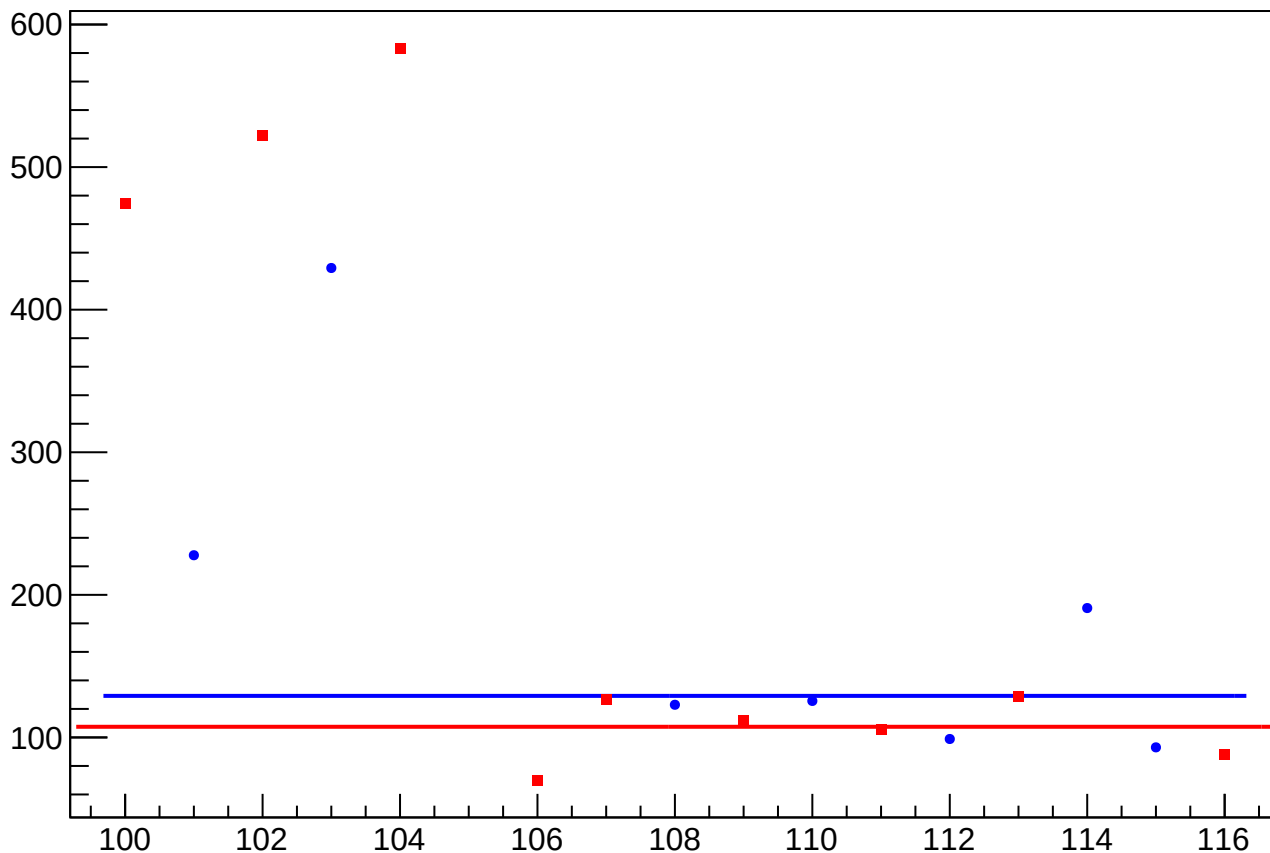
Right: -0.015+/-0.056 χ^2/NDF : 23.5/15

In: 0.016+/-0.089 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.056 χ^2/NDF : 23.5/15

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.150+/-0.063 χ^2/NDF : 898866.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.474+/-0.051 χ^2/NDF : 1290679.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

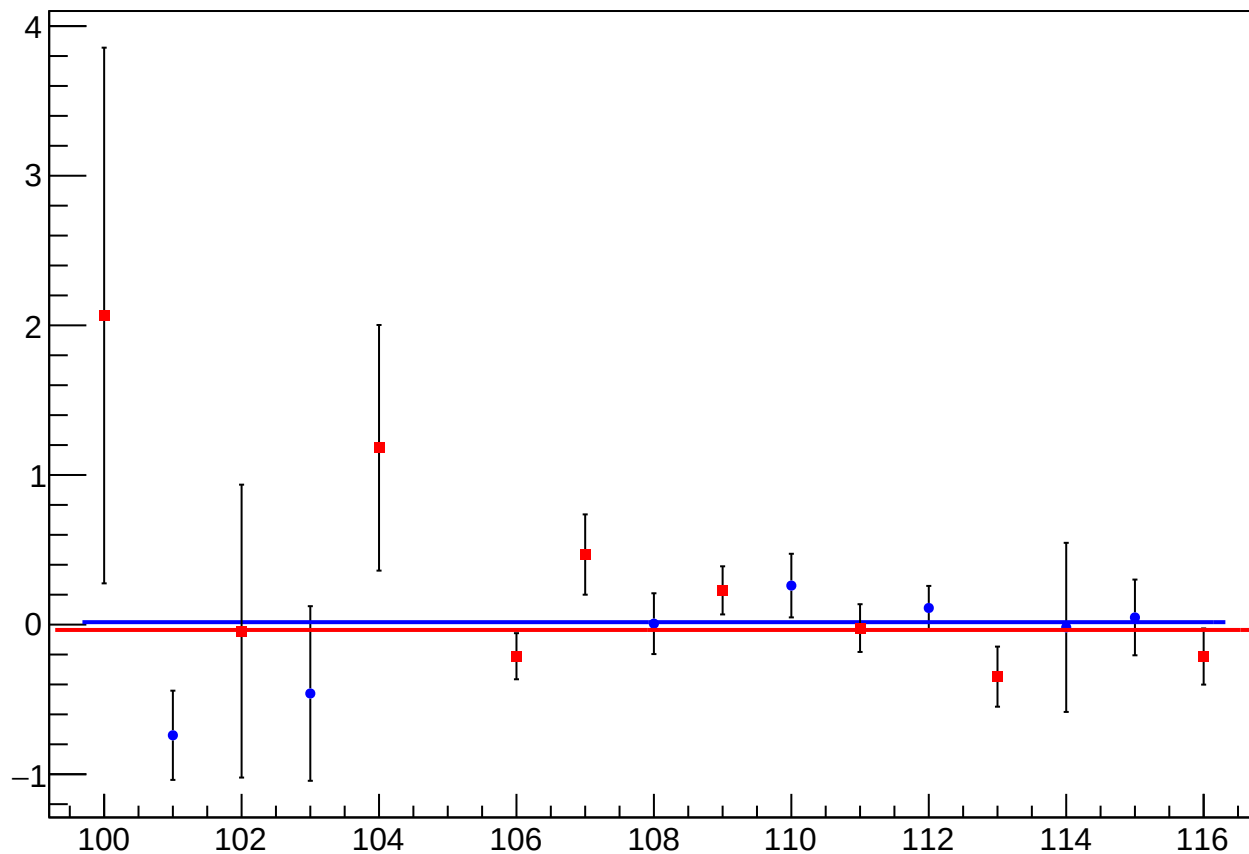
Right: 116.088+/-0.040 χ^2/NDF : 2260487.2/15

In: 129.150+/-0.063 χ^2/NDF : 898866.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.088+/-0.040 χ^2/NDF : 2260487.2/15

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.089 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.073 χ^2/NDF : 14.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

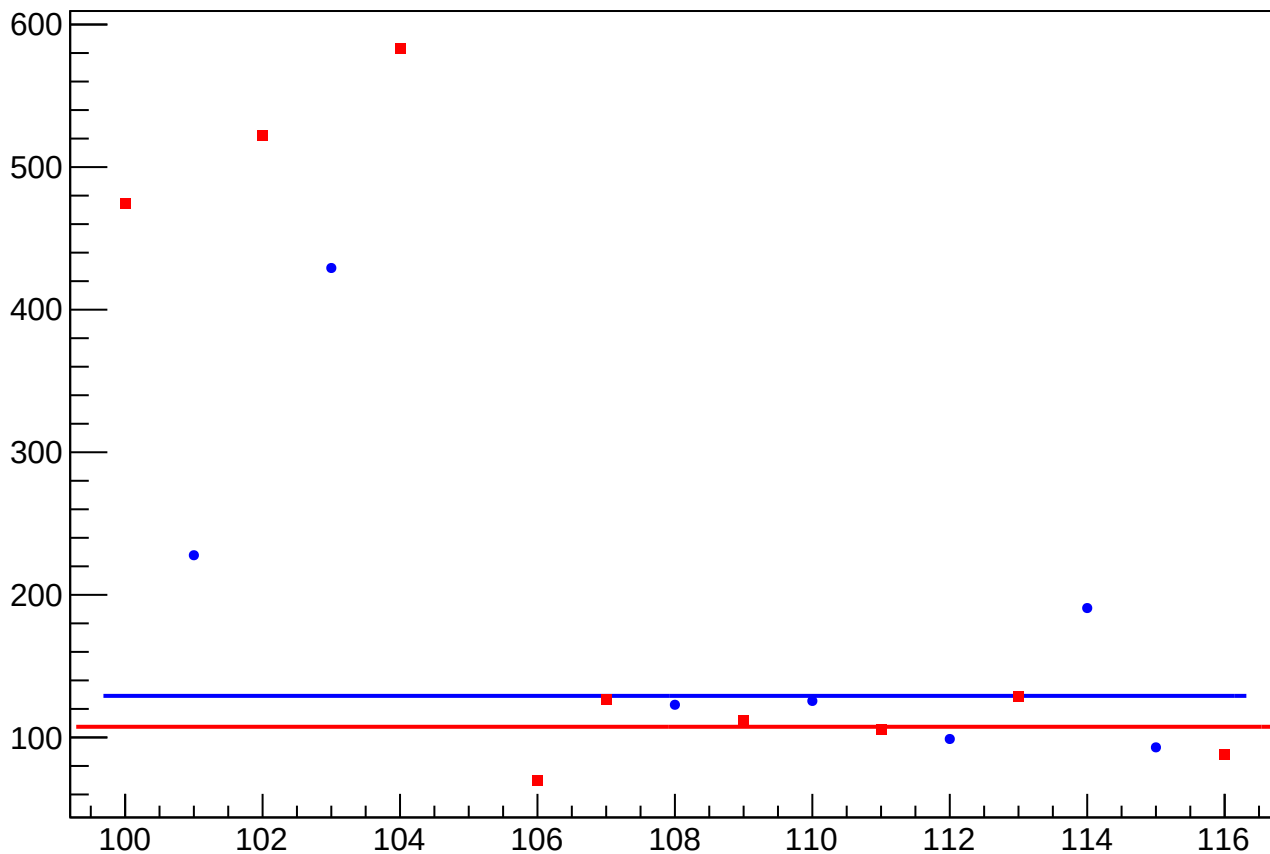
Right: -0.015+/-0.056 χ^2/NDF : 23.5/15

In: 0.016+/-0.089 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.056 χ^2/NDF : 23.5/15

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.150+/-0.063 χ^2/NDF : 898866.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.474+/-0.051 χ^2/NDF : 1290679.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

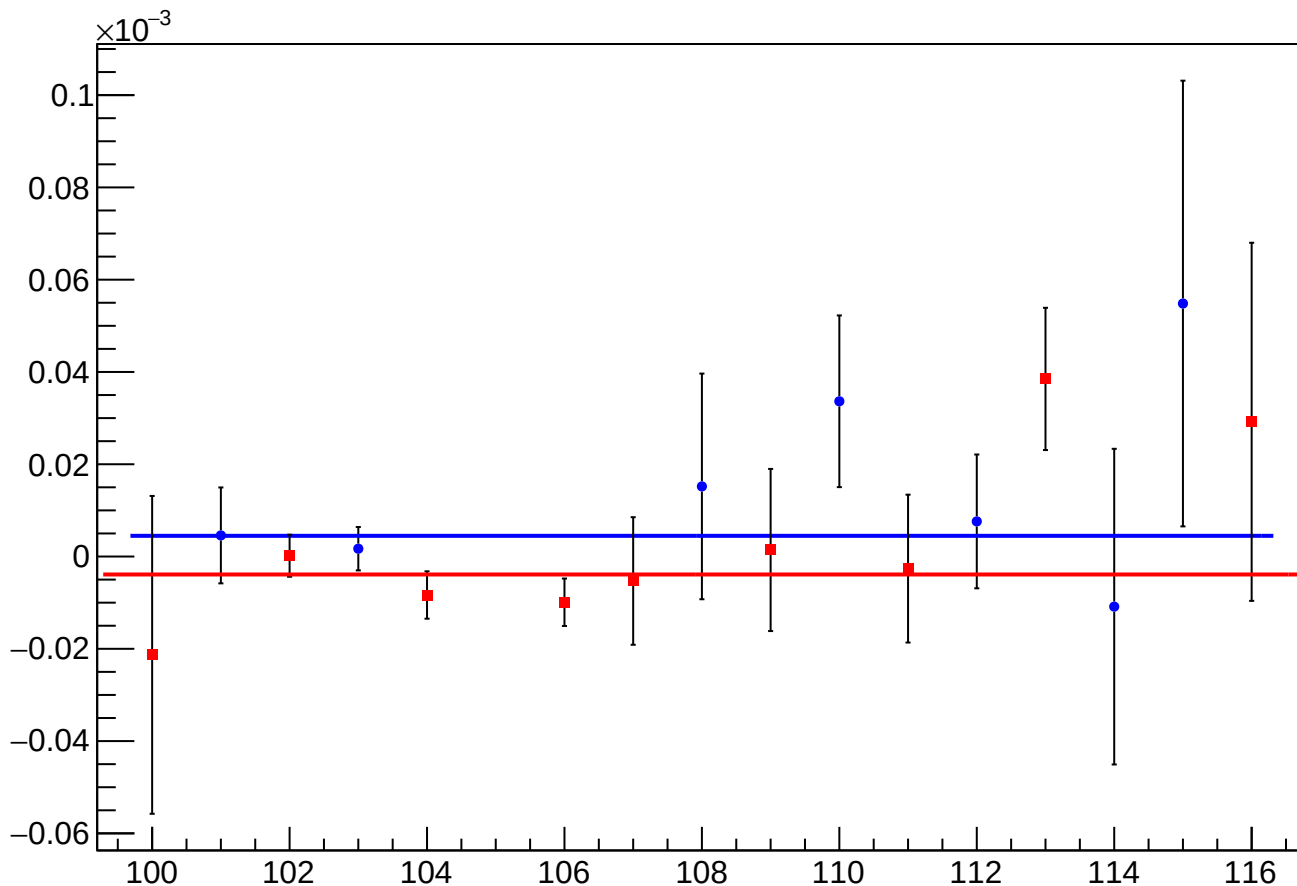
Right: 116.088+/-0.040 χ^2/NDF : 2260487.2/15

In: 129.150+/-0.063 χ^2/NDF : 898866.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.088+/-0.040 χ^2/NDF : 2260487.2/15

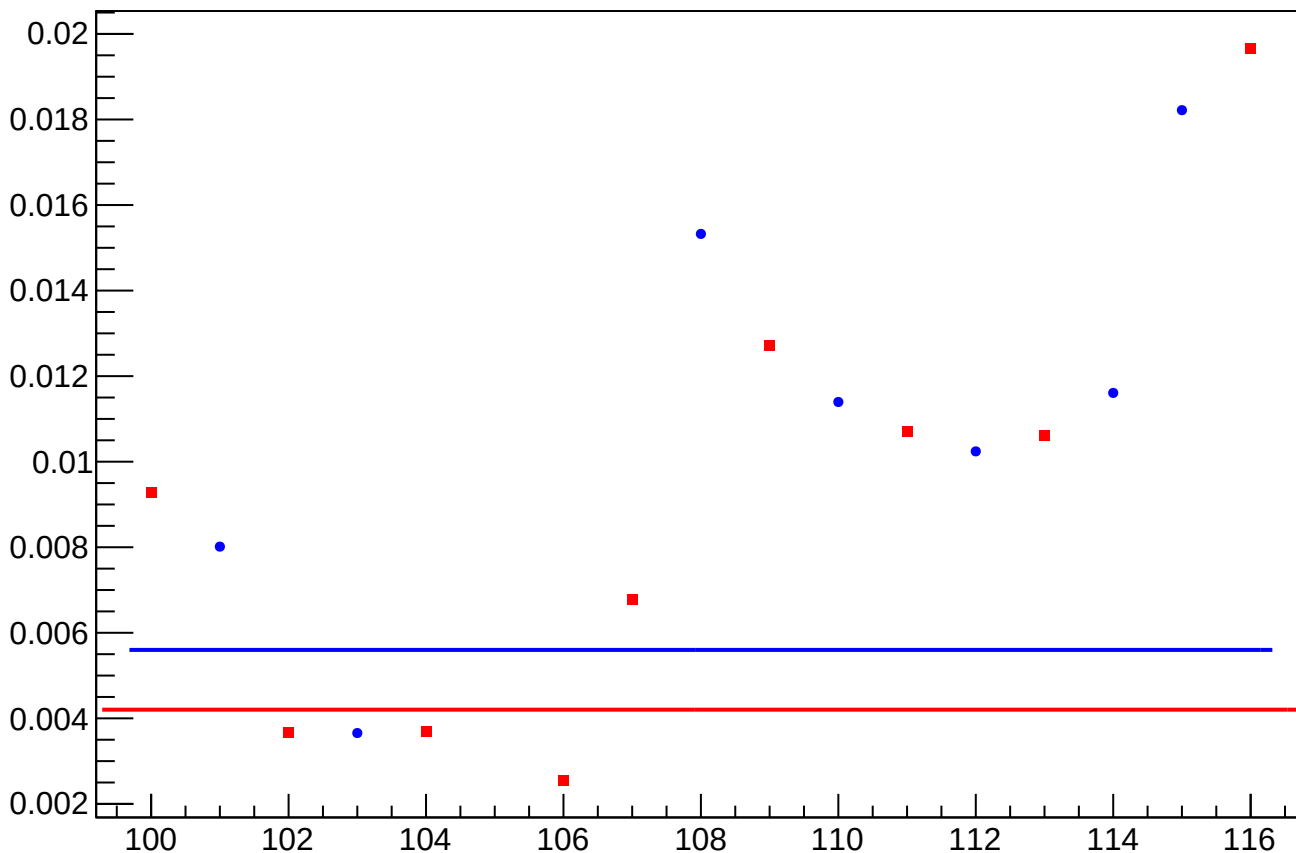
asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 11.6/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 19.0/15
 In: 0.000+/-0.000 χ^2/NDF : 4.3/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 19.0/15

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1363364.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1829061.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

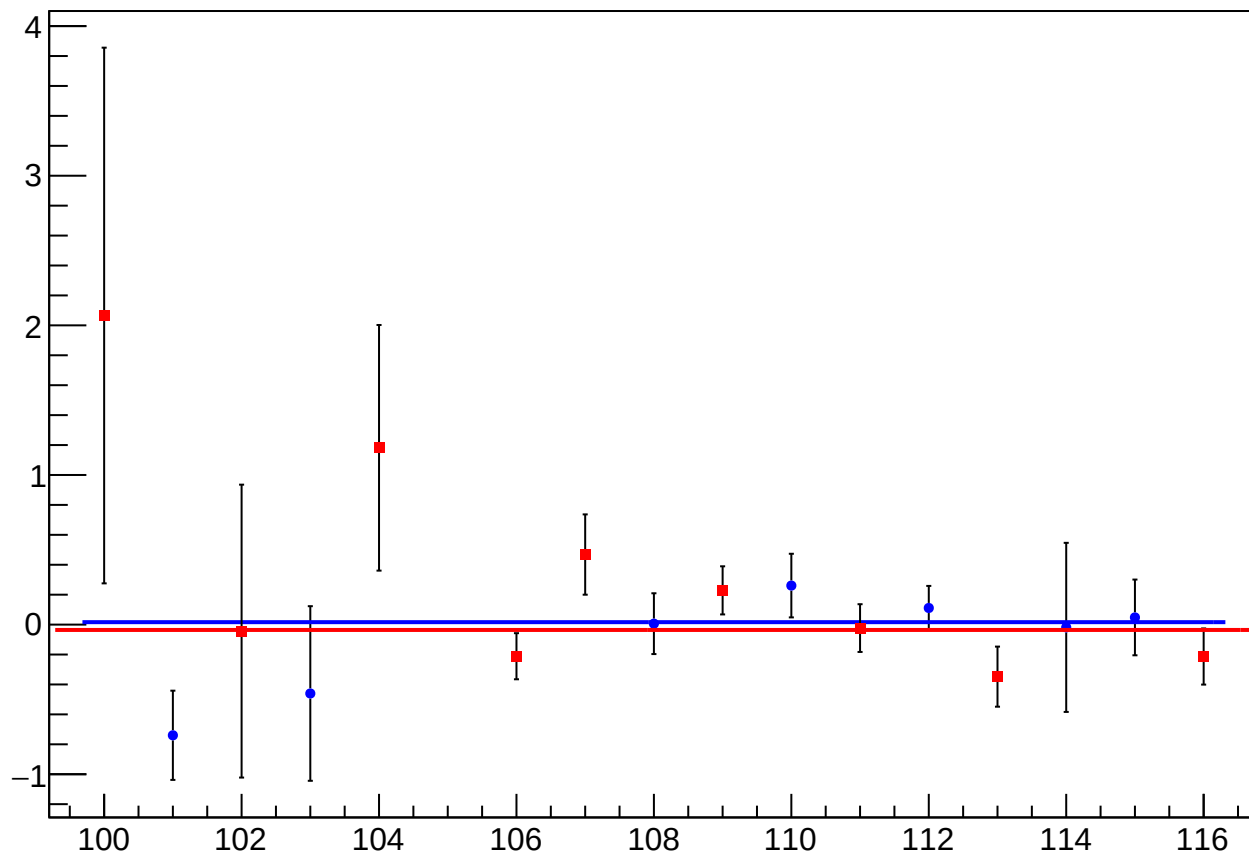
Right: 0.005+/-0.000 χ^2/NDF : 3366766.6/15

In: 0.006+/-0.000 χ^2/NDF : 1363364.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3366766.6/15

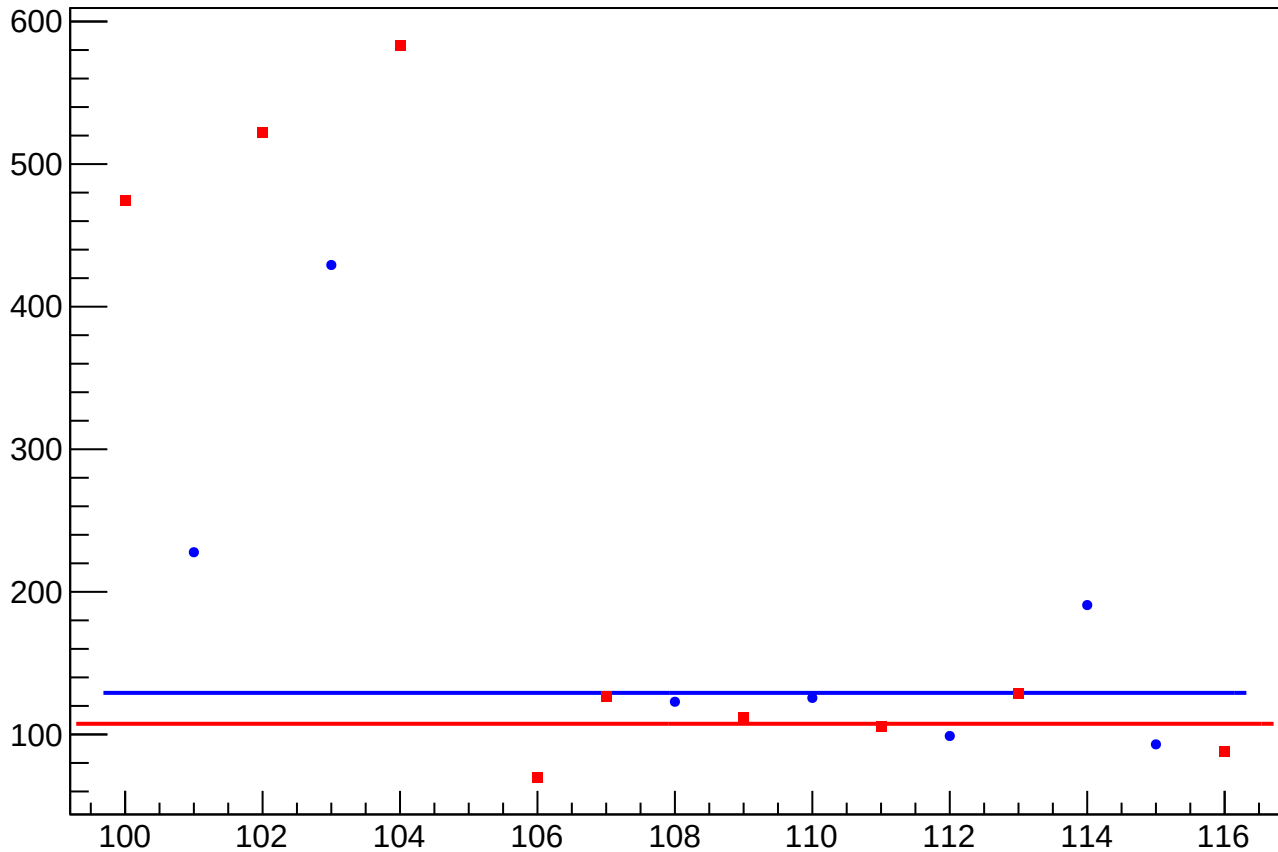
asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.016+/-0.089 χ^2/NDF : 8.9/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.036+/-0.073 χ^2/NDF : 14.4/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.015+/-0.056 χ^2/NDF : 23.5/15
 In: 0.016+/-0.089 χ^2/NDF : 8.9/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.015+/-0.056 χ^2/NDF : 23.5/15

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.156+/-0.063 χ^2/NDF : 898809.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.476+/-0.051 χ^2/NDF : 1290649.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

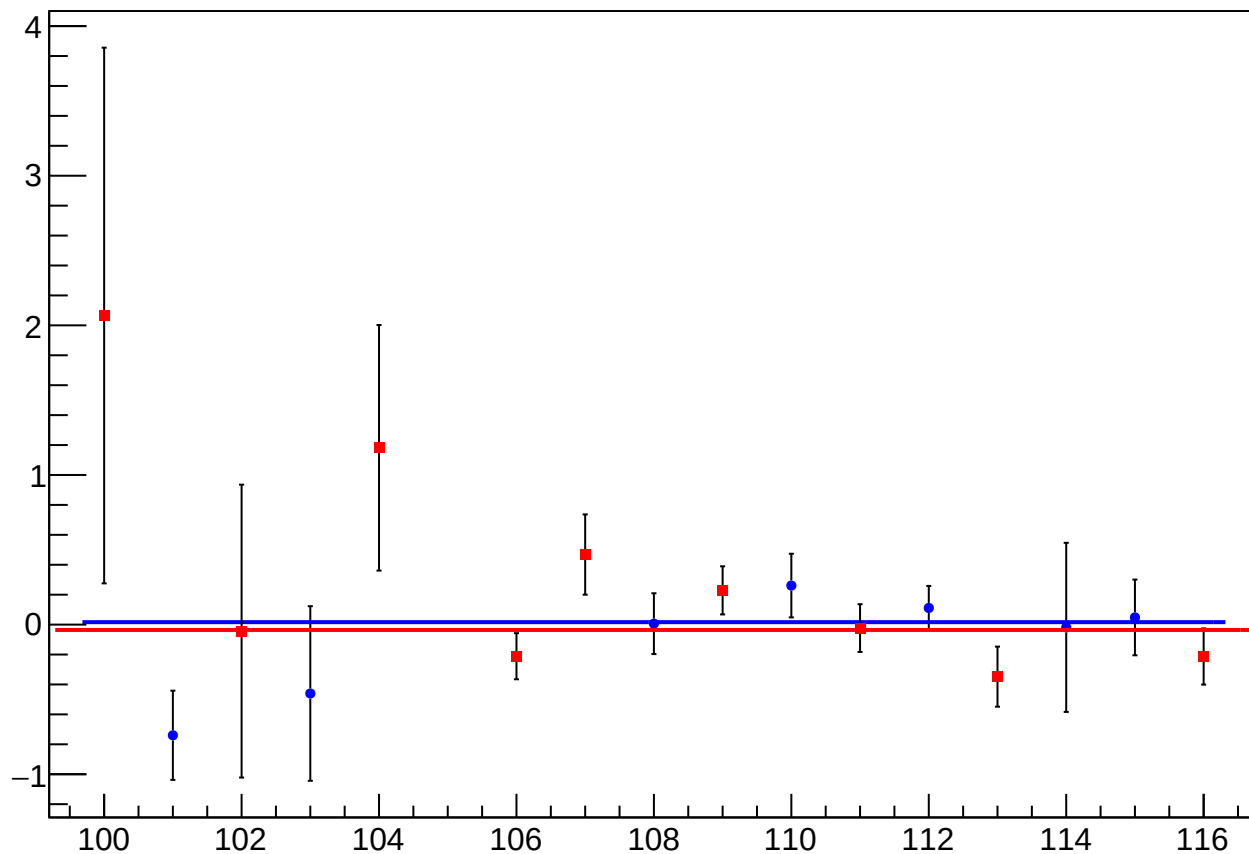
Right: 116.091+/-0.040 χ^2/NDF : 2260418.0/15

In: 129.156+/-0.063 χ^2/NDF : 898809.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.091+/-0.040 χ^2/NDF : 2260418.0/15

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.089 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.073 χ^2/NDF : 14.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

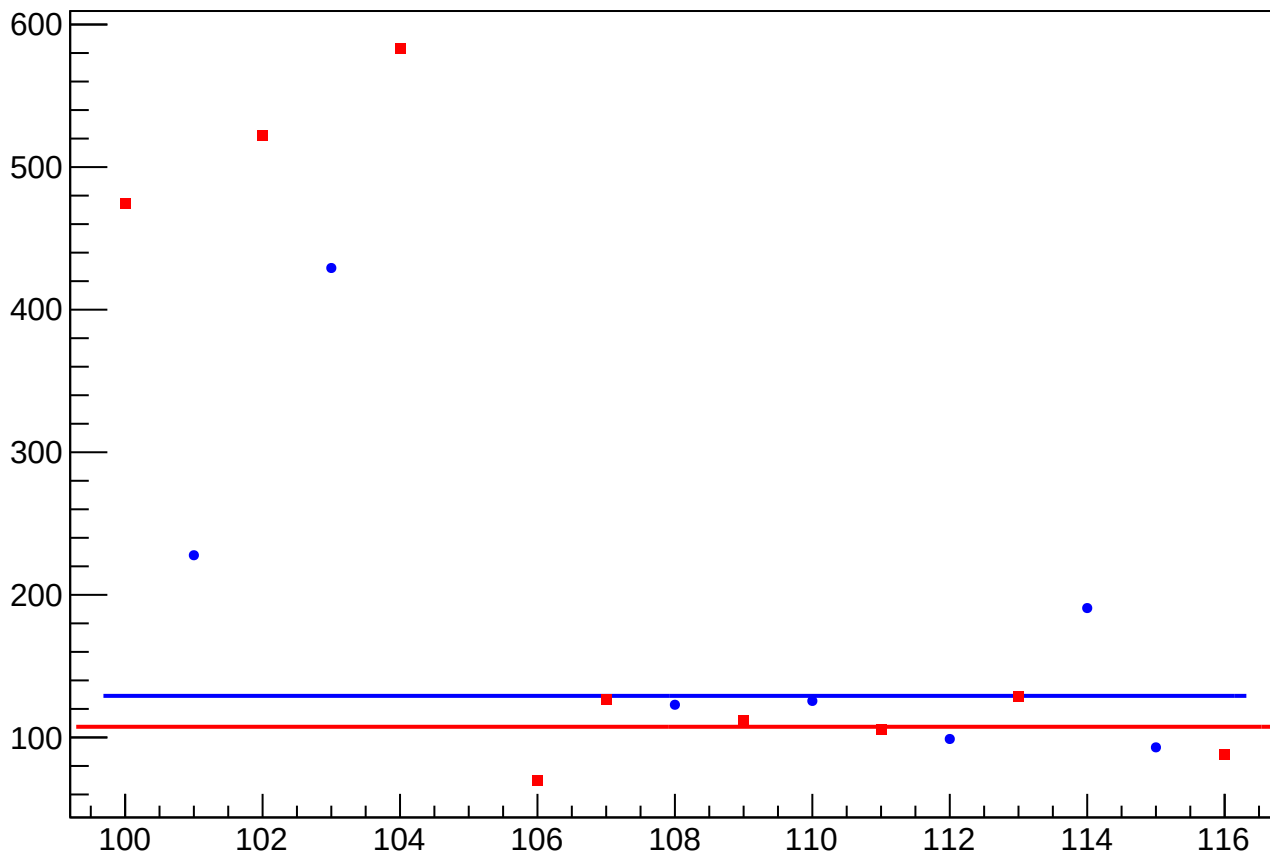
Right: -0.015+/-0.056 χ^2/NDF : 23.5/15

In: 0.016+/-0.089 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.056 χ^2/NDF : 23.5/15

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.156+/-0.063 χ^2/NDF : 898809.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.476+/-0.051 χ^2/NDF : 1290649.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

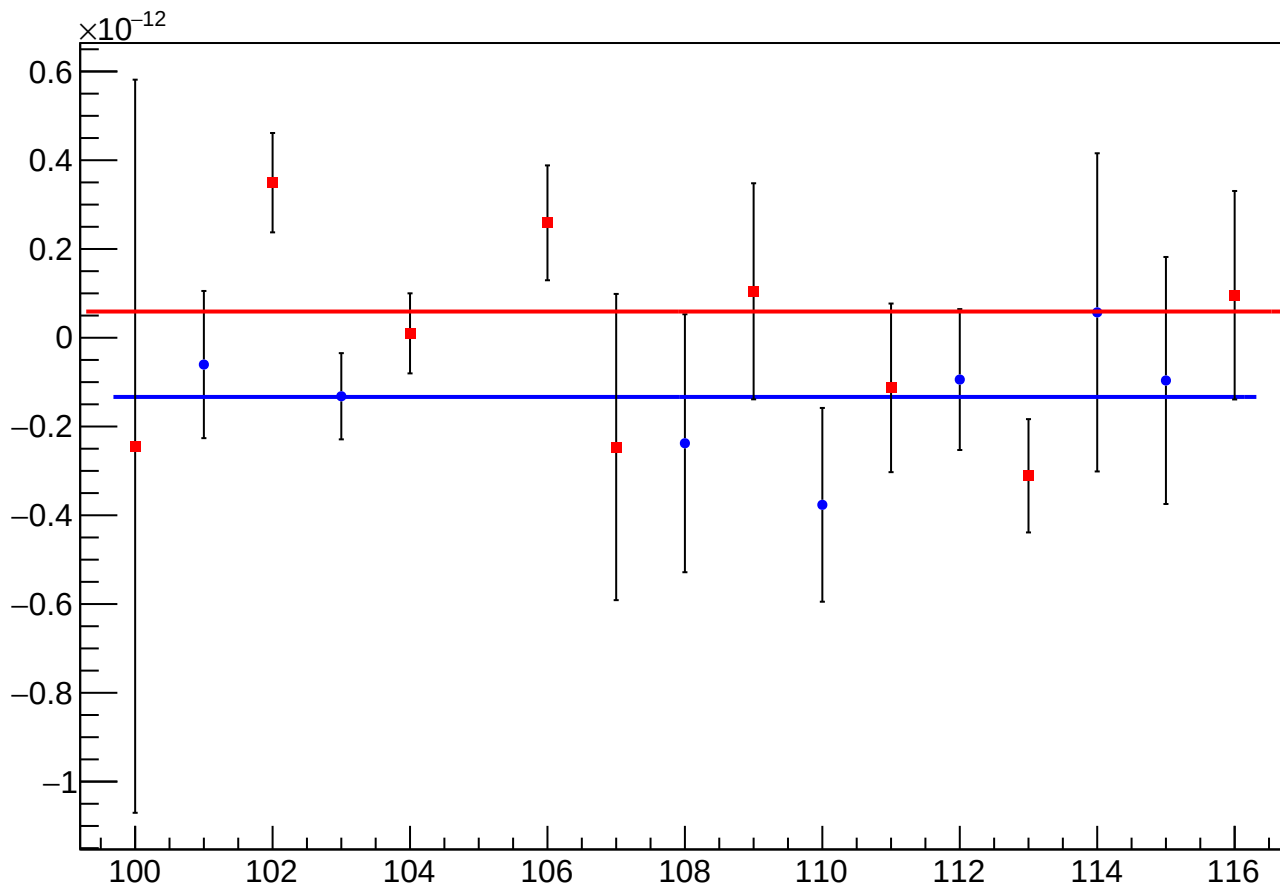
Right: 116.091+/-0.040 χ^2/NDF : 2260418.0/15

In: 129.156+/-0.063 χ^2/NDF : 898809.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.091+/-0.040 χ^2/NDF : 2260418.0/15

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

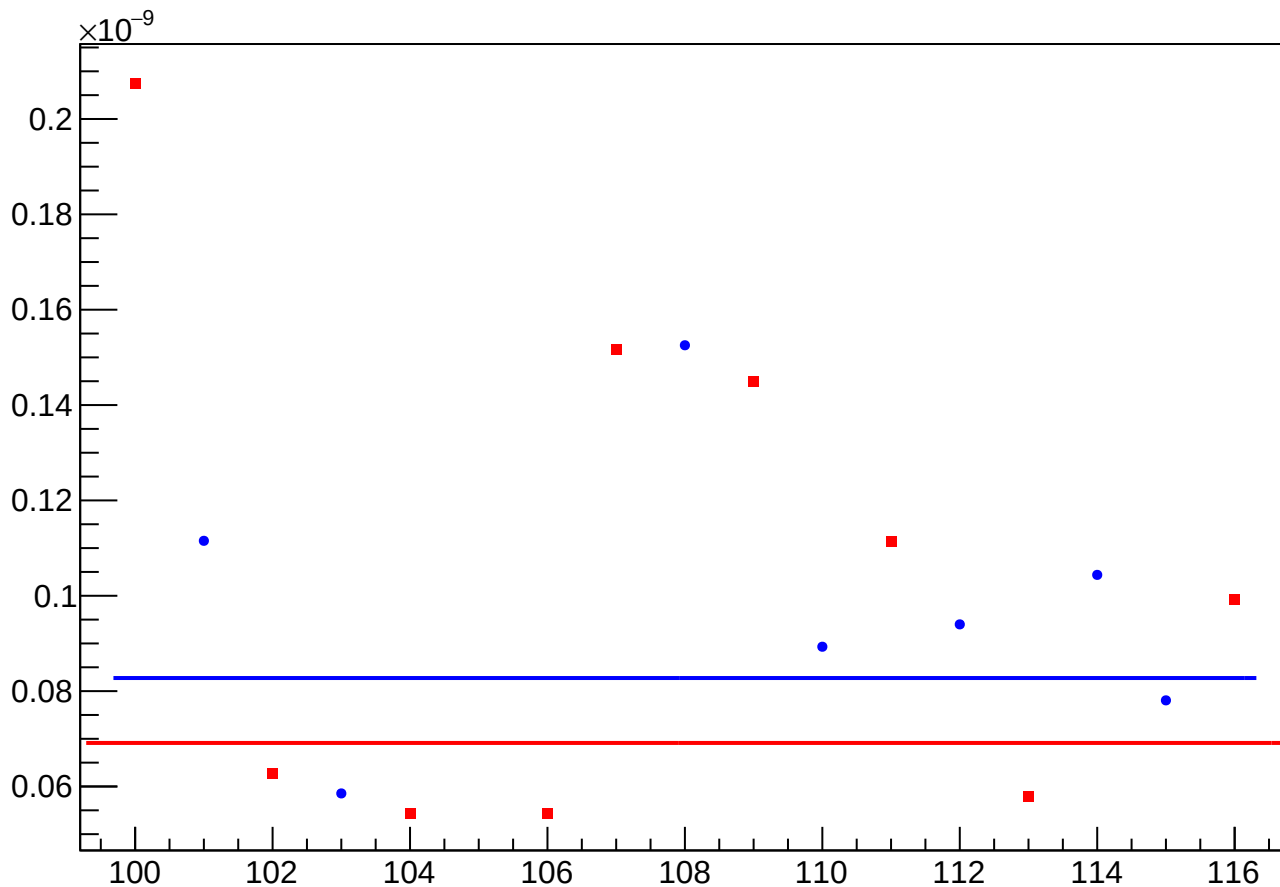
Right: -0.000+/-0.000 χ^2/NDF : 27.0/15

In: -0.000+/-0.000 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.0/15

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 319507.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 597929.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

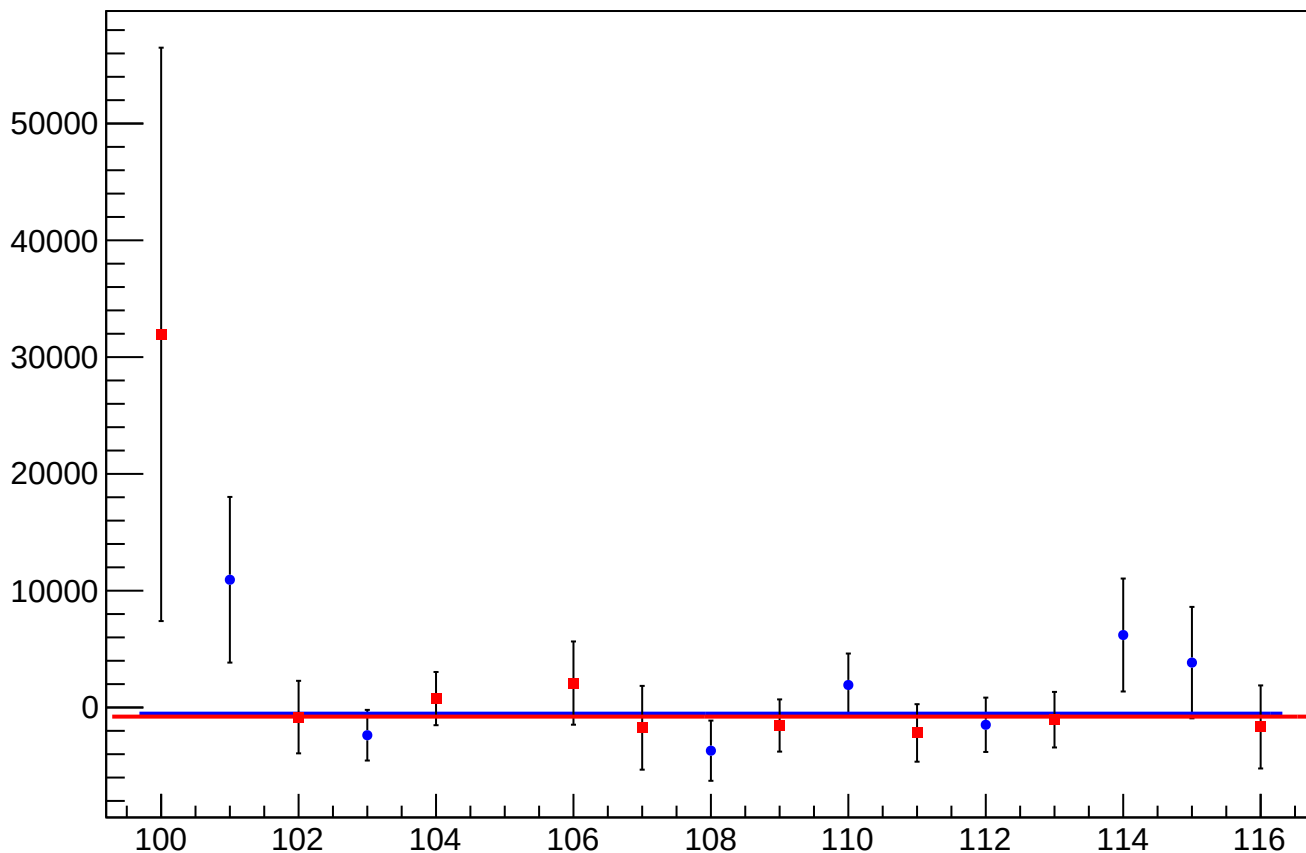
Right: 0.000+/-0.000 χ^2/NDF : 972228.7/15

In: 0.000+/-0.000 χ^2/NDF : 319507.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 972228.7/15

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -528.558+/-1123.386 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -781.994+/-964.458 χ^2/NDF : 3.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

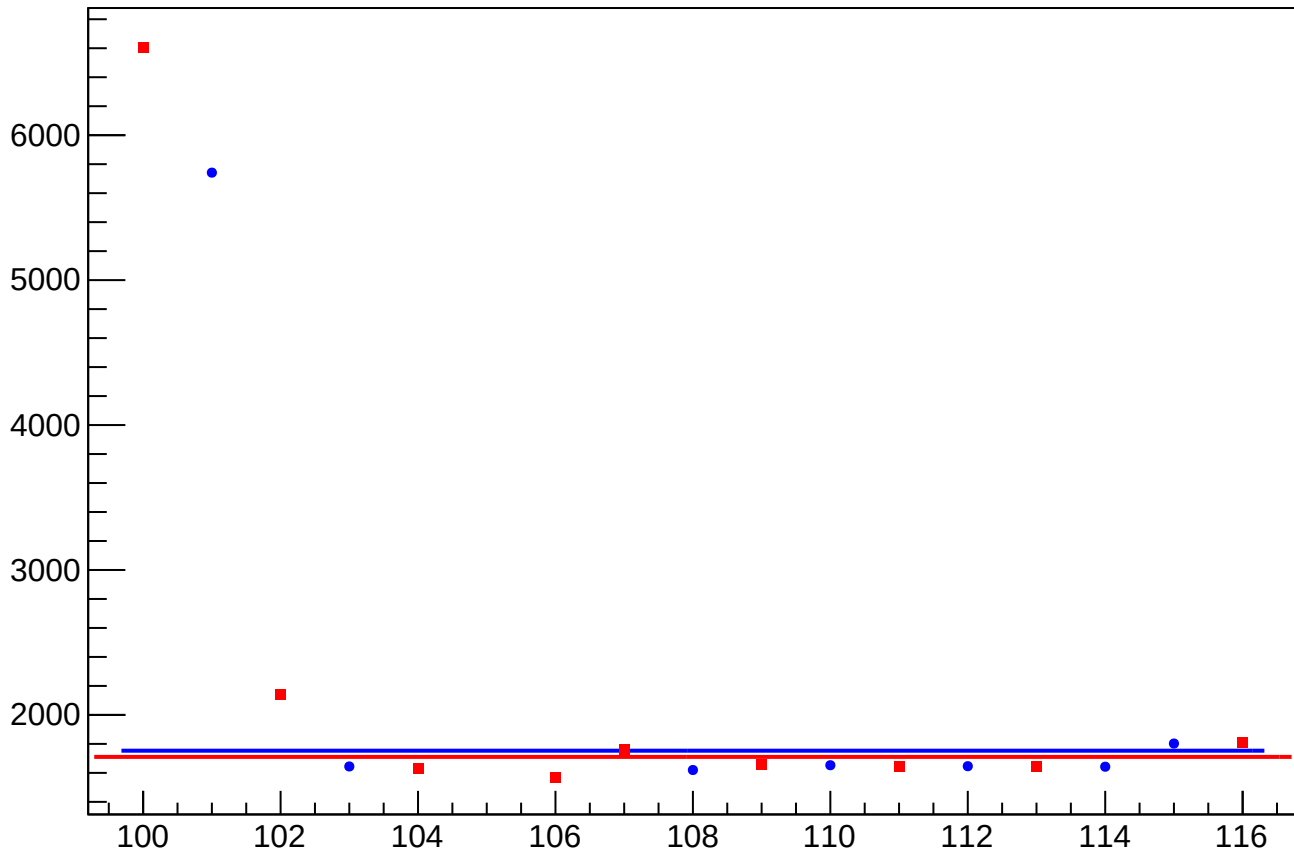
Right: -674.456+/-731.770 χ^2/NDF : 12.1/15

In: -528.558+/-1123.386 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.456+/-731.770 χ^2/NDF : 12.1/15

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.080+/-0.794 χ^2/NDF : 651046.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.299+/-0.671 χ^2/NDF : 131518.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

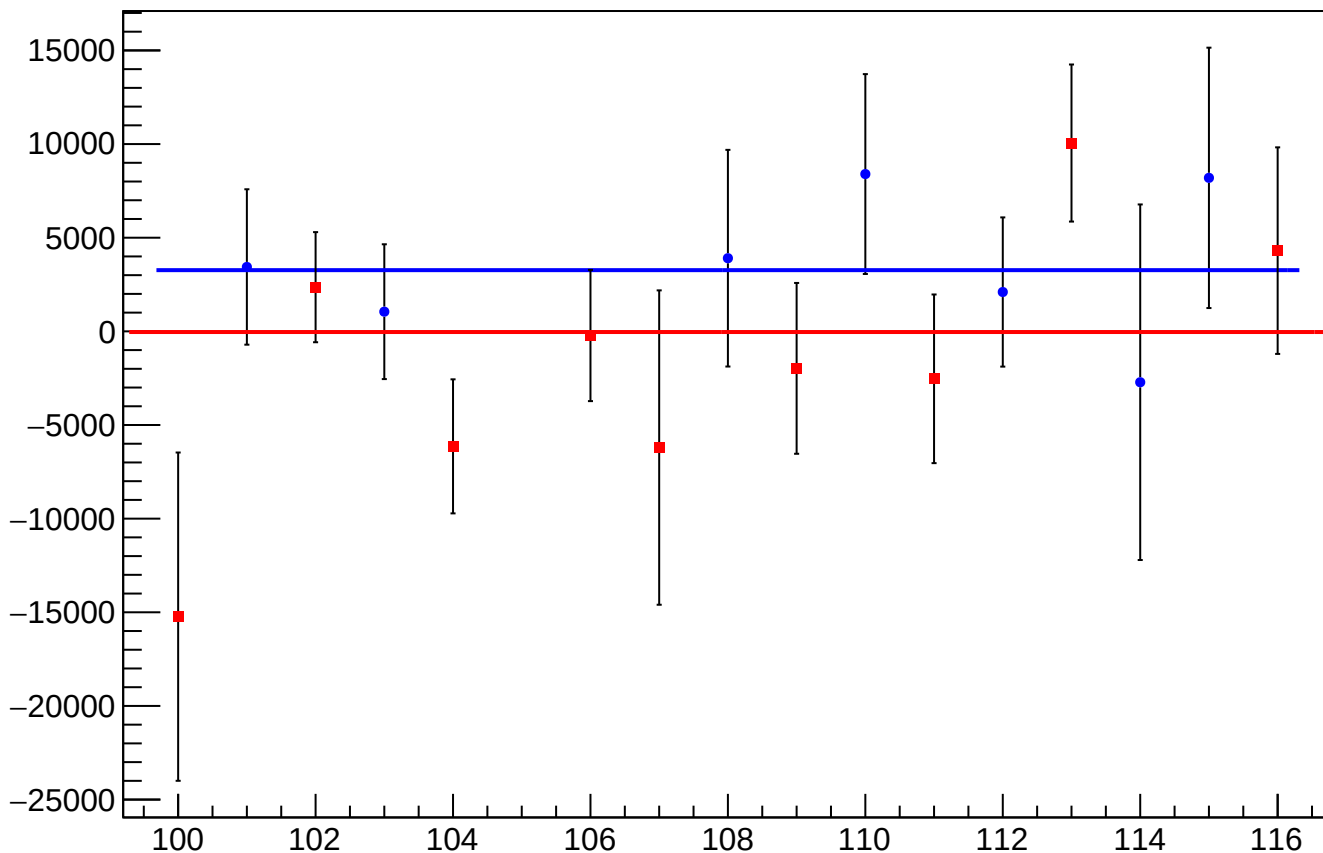
Right: 1728.123+/-0.513 χ^2/NDF : 784256.5/15

In: 1753.080+/-0.794 χ^2/NDF : 651046.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.123+/-0.513 χ^2/NDF : 784256.5/15

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3267.878+/-1840.751 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.721+/-1429.087 χ^2/NDF : 14.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

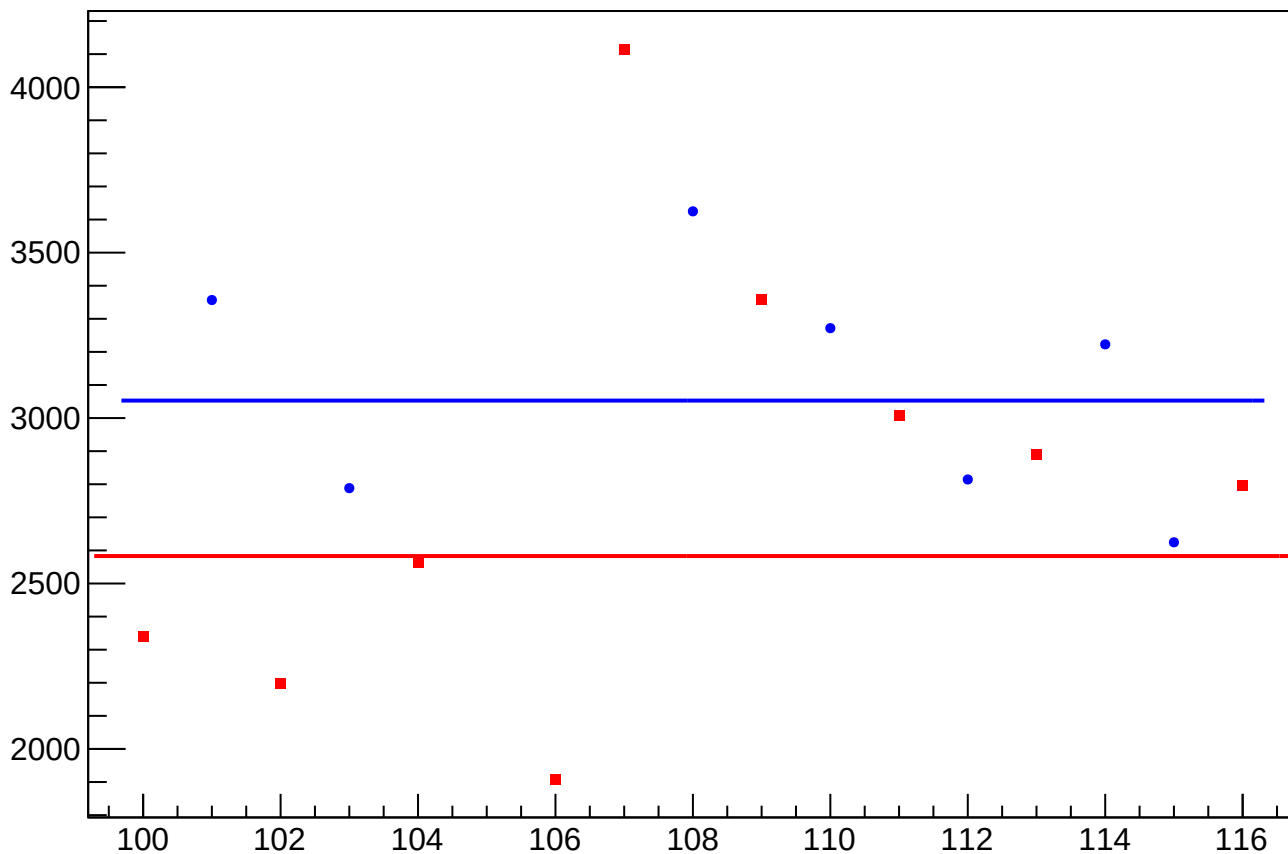
Right: 1206.654+/-1128.828 χ^2/NDF : 18.3/15

In: 3267.878+/-1840.751 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1206.654+/-1128.828 χ^2/NDF : 18.3/15

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3052.864+/-1.302 χ^2/NDF : 59862.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2582.978+/-1.011 χ^2/NDF : 266556.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

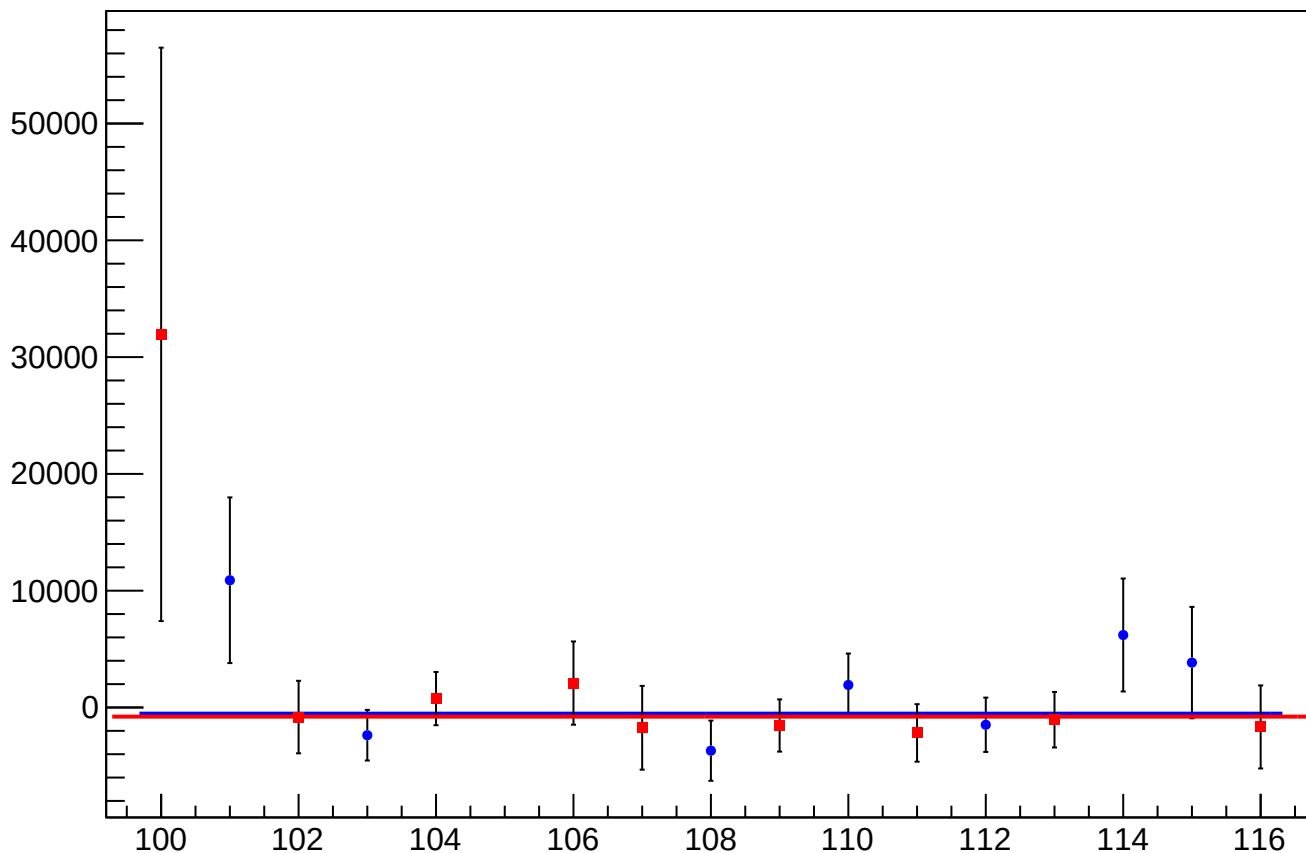
Right: 2759.687+/-0.798 χ^2/NDF : 407732.1/15

In: 3052.864+/-1.302 χ^2/NDF : 59862.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2759.687+/-0.798 χ^2/NDF : 407732.1/15

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -529.608+/-1123.386 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -781.812+/-964.458 χ^2/NDF : 3.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

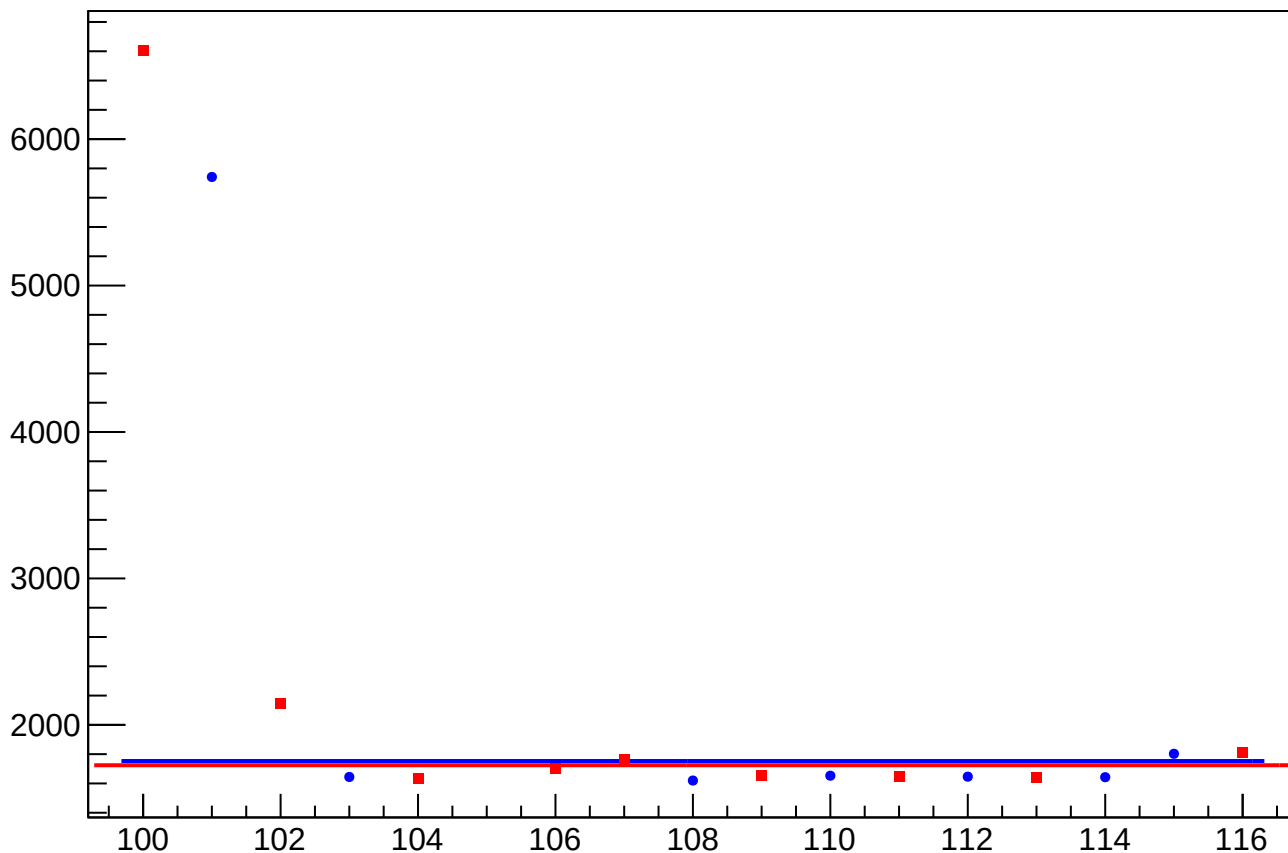
Right: -674.797+/-731.770 χ^2/NDF : 12.1/15

In: -529.608+/-1123.386 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.797+/-731.770 χ^2/NDF : 12.1/15

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.079+/-0.794 χ^2/NDF : 651046.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1724.238+/-0.676 χ^2/NDF : 126534.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

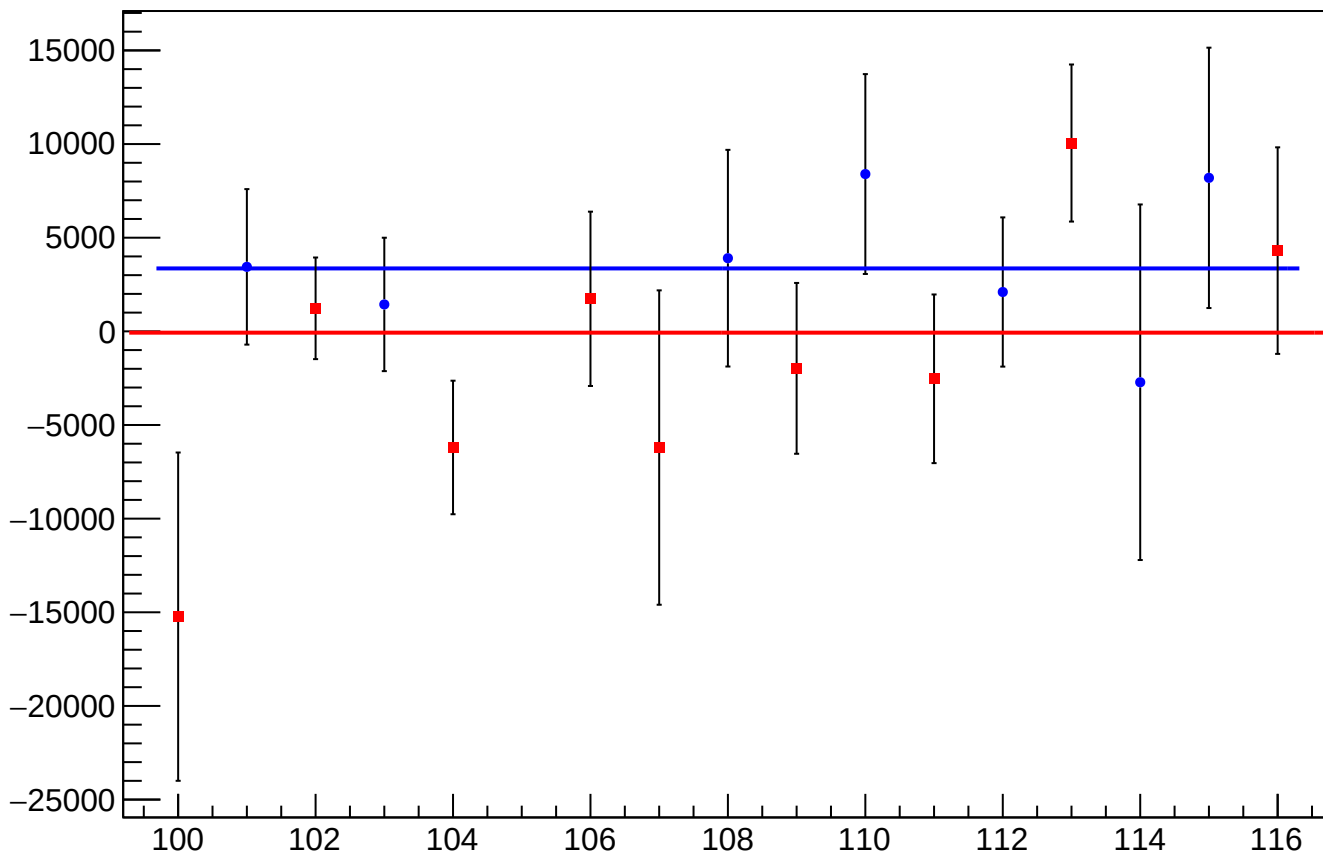
Right: 1736.362+/-0.515 χ^2/NDF : 778344.6/15

In: 1753.079+/-0.794 χ^2/NDF :651046.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1736.362+/-0.515 χ^2/NDF : 778344.6/15

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3359.372 $\pm$ 1835.922 χ^2 /NDF: 2.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -70.277 $\pm$ 1450.794 χ^2 /NDF: 13.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

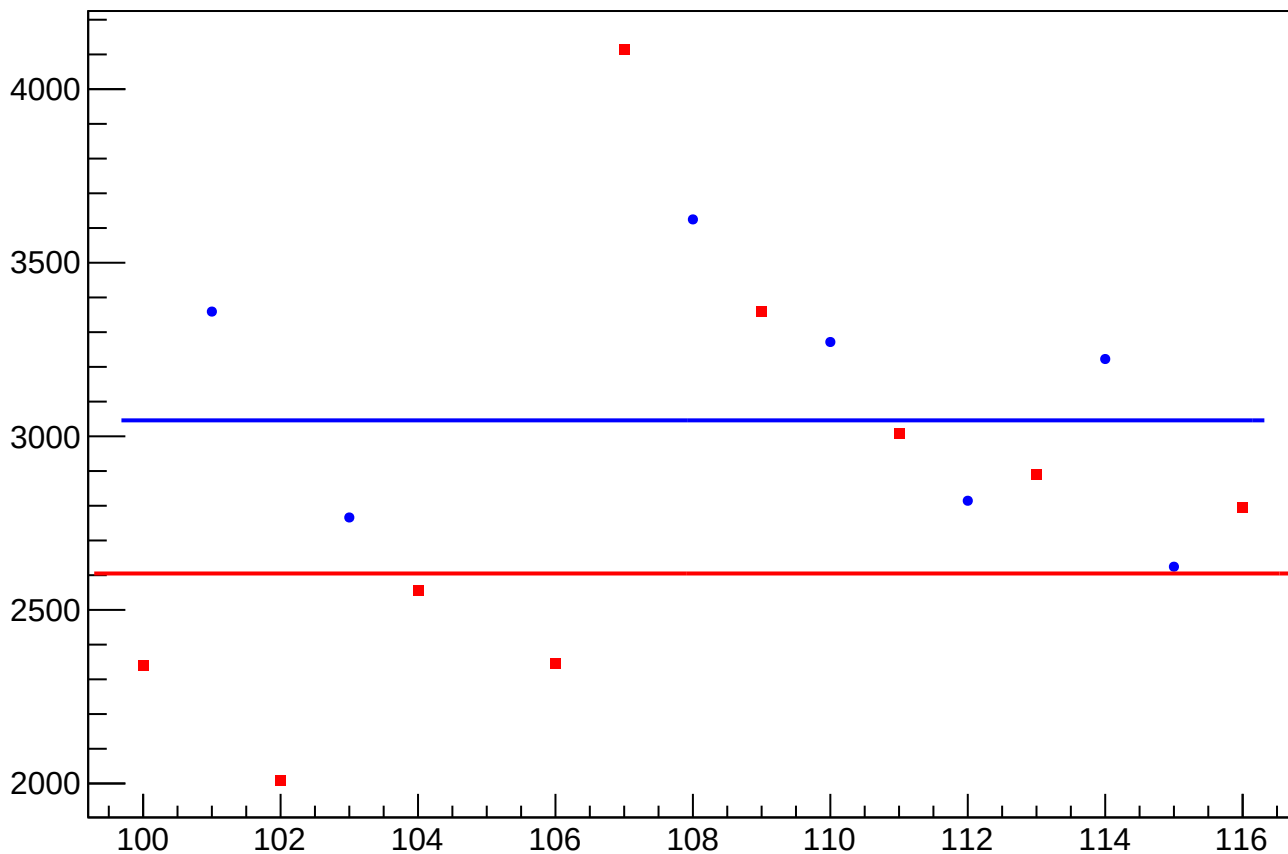
Right: 1248.115 $\pm$ 1138.287 χ^2 /NDF: 18.1/15

In: 3359.372 $\pm$ 1835.922 χ^2 /NDF:2.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1248.115 $\pm$ 1138.287 χ^2 /NDF: 18.1/15

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3045.970+/-1.298 χ^2/NDF : 62144.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2604.890+/-1.026 χ^2/NDF : 251571.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

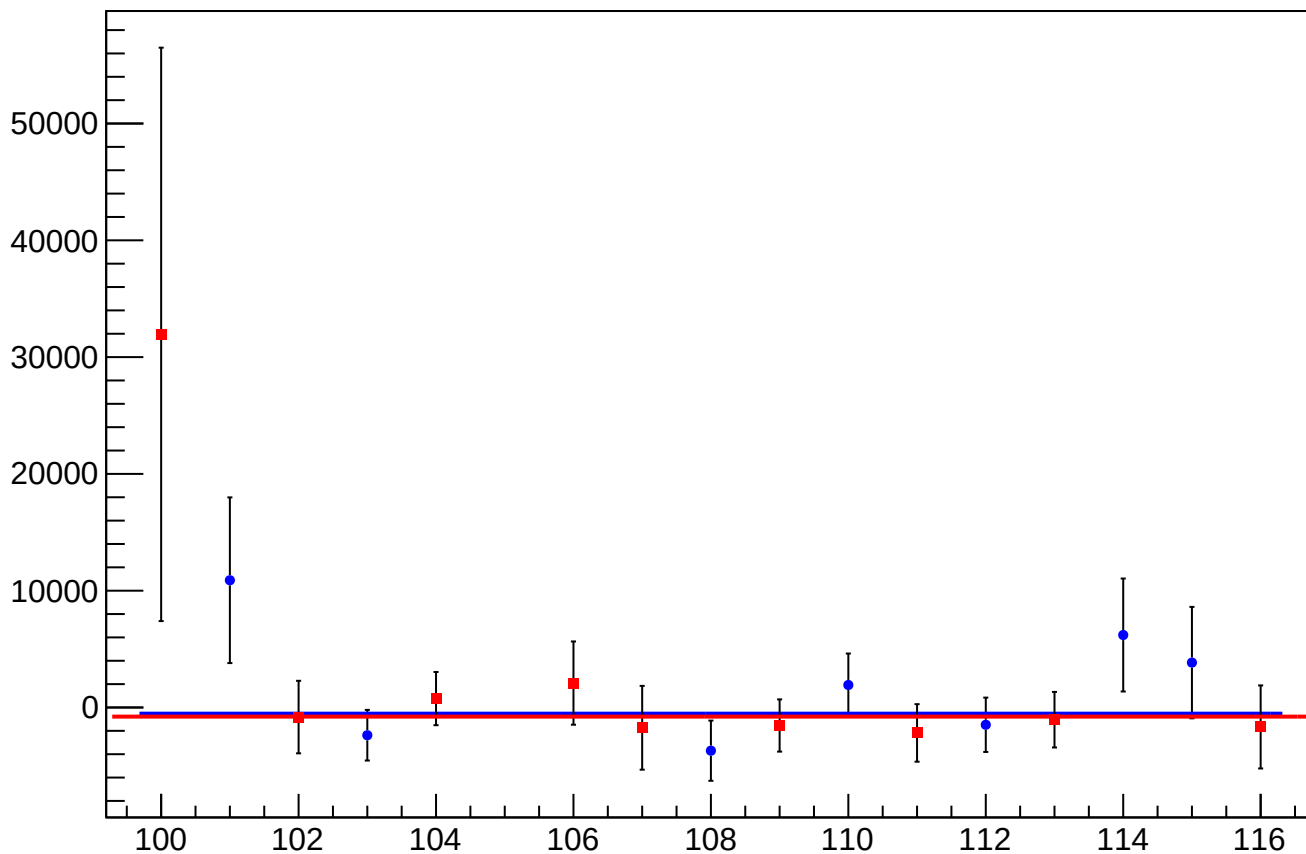
Right: 2774.446+/-0.805 χ^2/NDF : 384779.7/15

In: 3045.970+/-1.298 χ^2/NDF : 62144.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2774.446+/-0.805 χ^2/NDF : 384779.7/15

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -529.608+/-1123.386 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -781.812+/-964.458 χ^2/NDF : 3.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

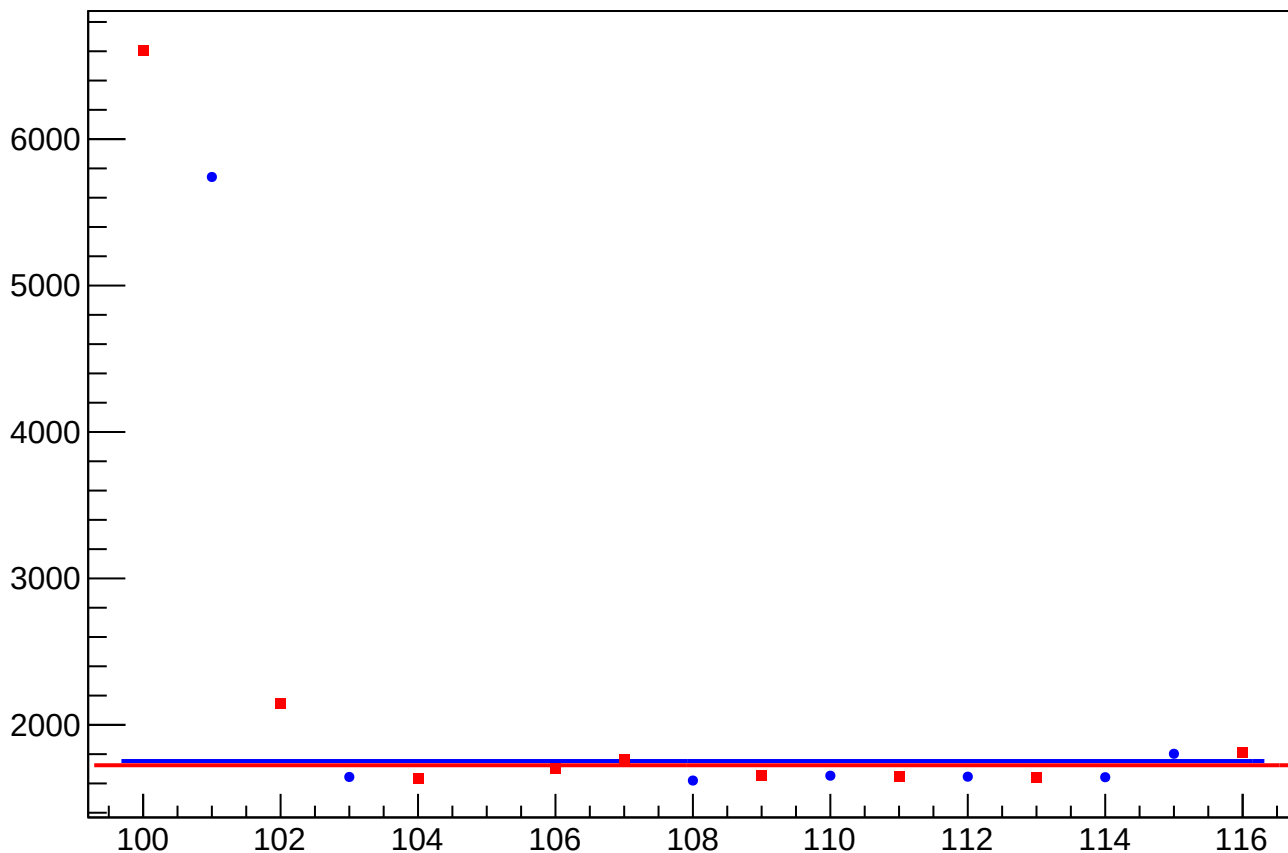
Right: -674.797+/-731.770 χ^2/NDF : 12.1/15

In: -529.608+/-1123.386 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.797+/-731.770 χ^2/NDF : 12.1/15

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.079+/-0.794 χ^2/NDF : 651046.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1724.238+/-0.676 χ^2/NDF : 126534.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

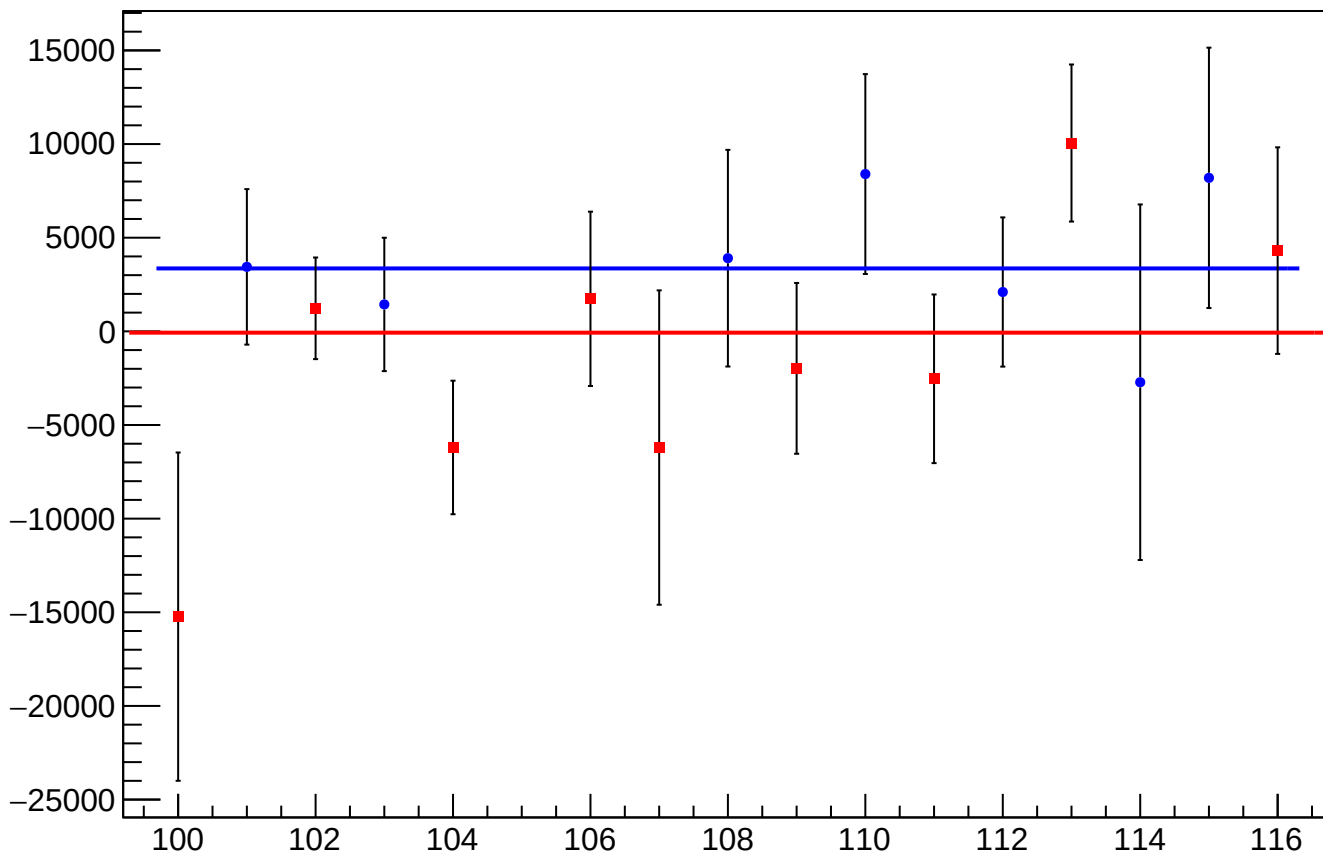
Right: 1736.362+/-0.515 χ^2/NDF : 778344.6/15

In: 1753.079+/-0.794 χ^2/NDF : 651046.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.362+/-0.515 χ^2/NDF : 778344.6/15

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3359.372+/-1835.922 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.277+/-1450.794 χ^2/NDF : 13.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

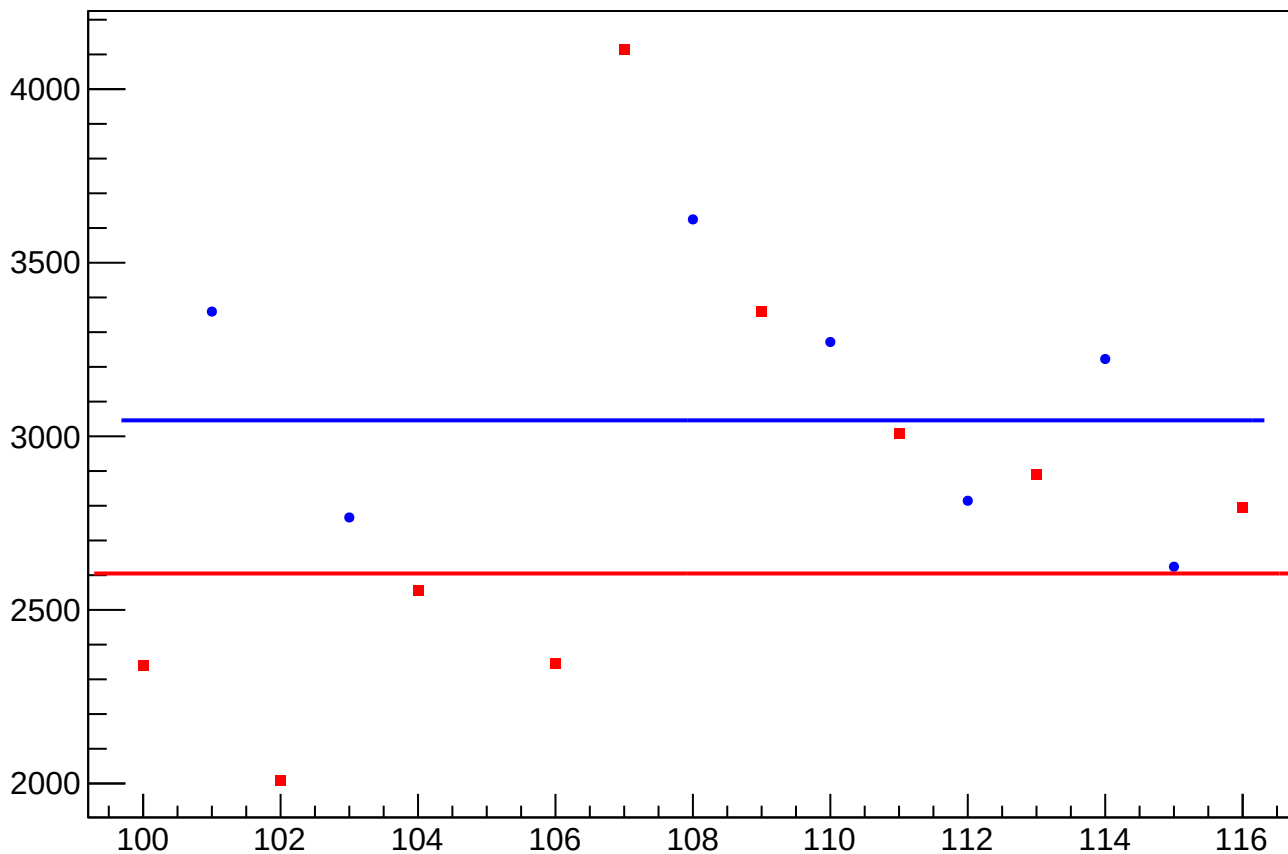
Right: 1248.115+/-1138.287 χ^2/NDF : 18.1/15

In: 3359.372+/-1835.922 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1248.115+/-1138.287 χ^2/NDF : 18.1/15

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3045.970+/-1.298 χ^2/NDF : 62144.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2604.890+/-1.026 χ^2/NDF : 251571.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

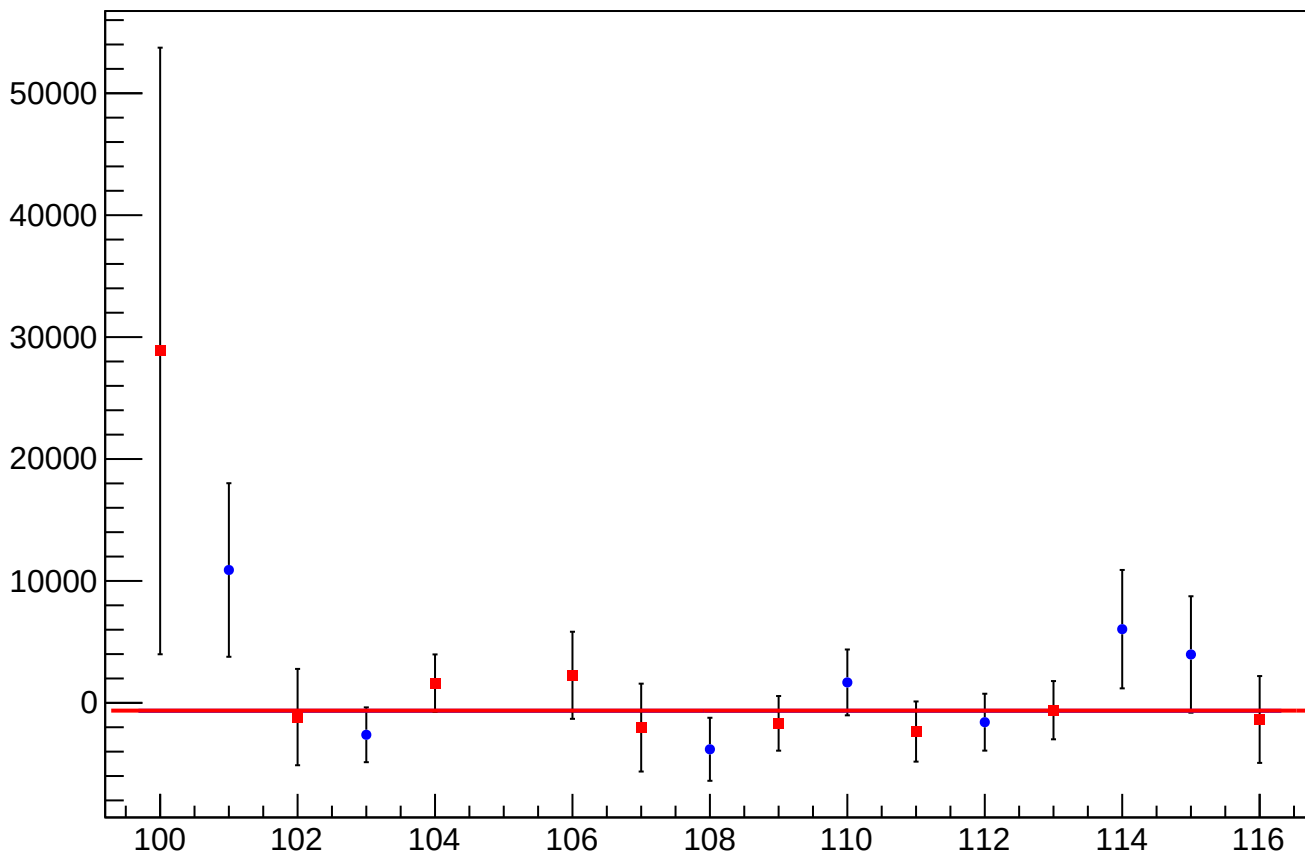
Right: 2774.446+/-0.805 χ^2/NDF : 384779.7/15

In: 3045.970+/-1.298 χ^2/NDF : 62144.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2774.446+/-0.805 χ^2/NDF : 384779.7/15

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -650.354+/-1136.285 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.526+/-990.596 χ^2/NDF : 3.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

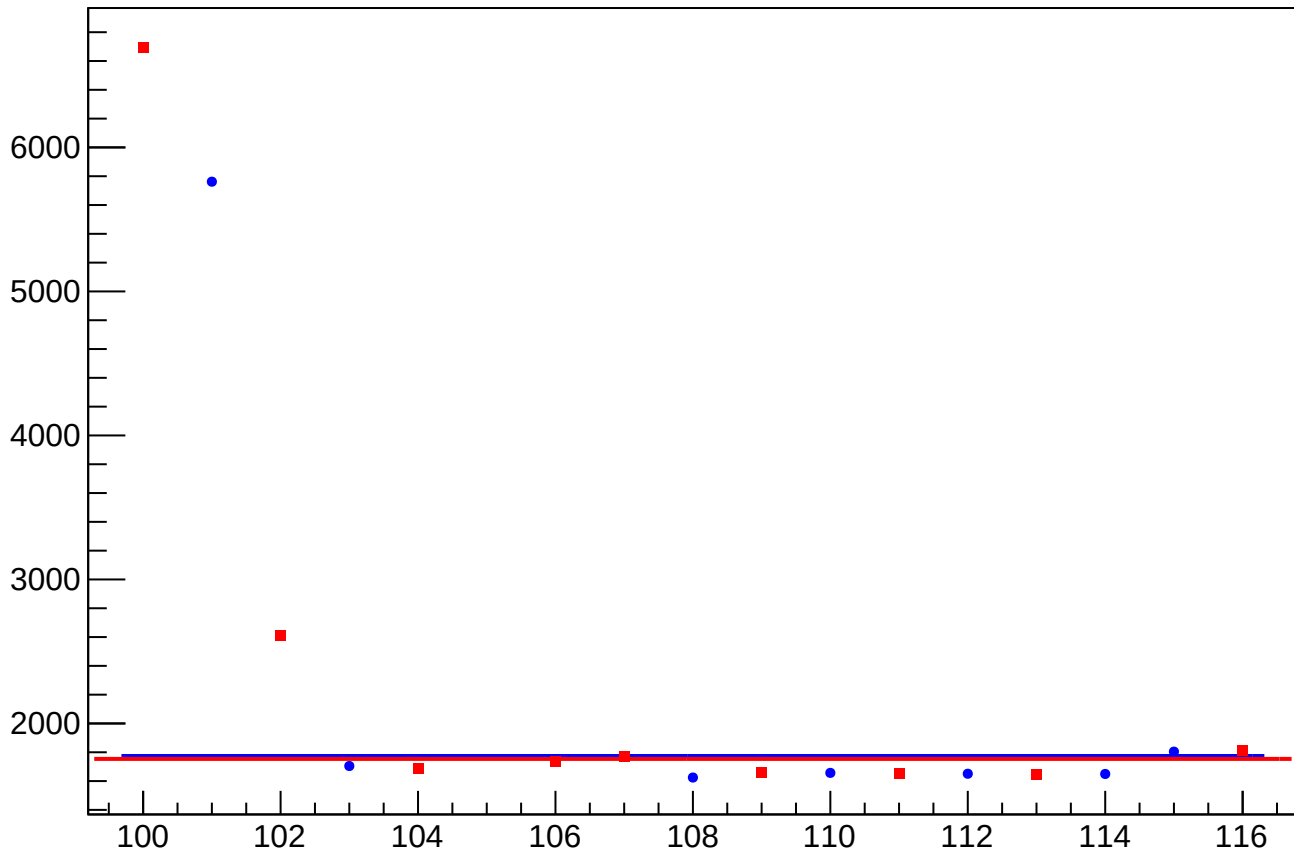
Right: -641.929+/-746.688 χ^2/NDF : 12.5/15

In: -650.354+/-1136.285 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.929+/-746.688 χ^2/NDF : 12.5/15

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1774.017+/-0.803 χ^2/NDF : 647036.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1753.958+/-0.696 χ^2/NDF : 186980.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

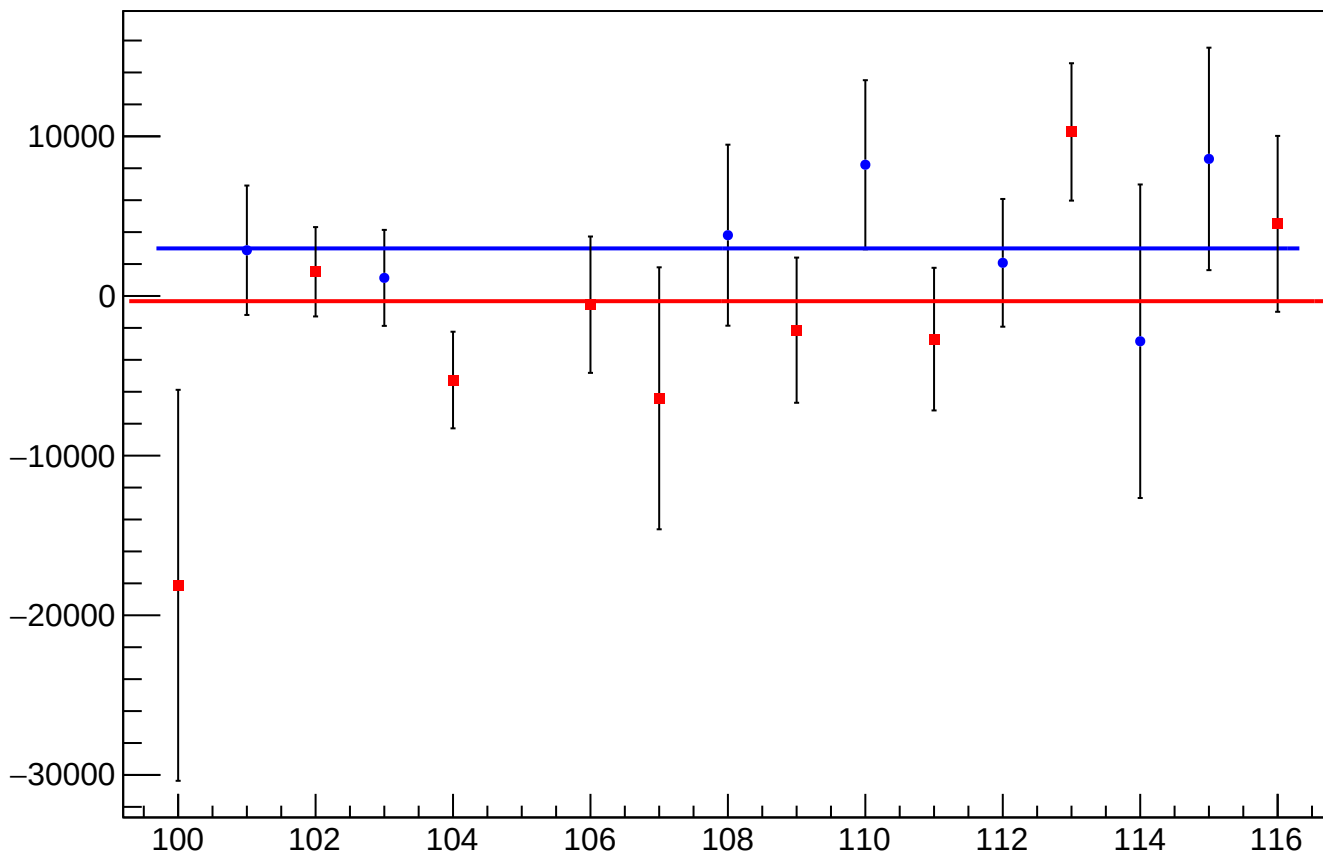
Right: 1762.555+/-0.526 χ^2/NDF : 834373.5/15

In: 1774.017+/-0.803 χ^2/NDF : 647036.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.555+/-0.526 χ^2/NDF : 834373.5/15

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2979.643+/-1736.095 χ^2 /NDF: 2.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -325.485+/-1415.989 χ^2 /NDF: 13.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

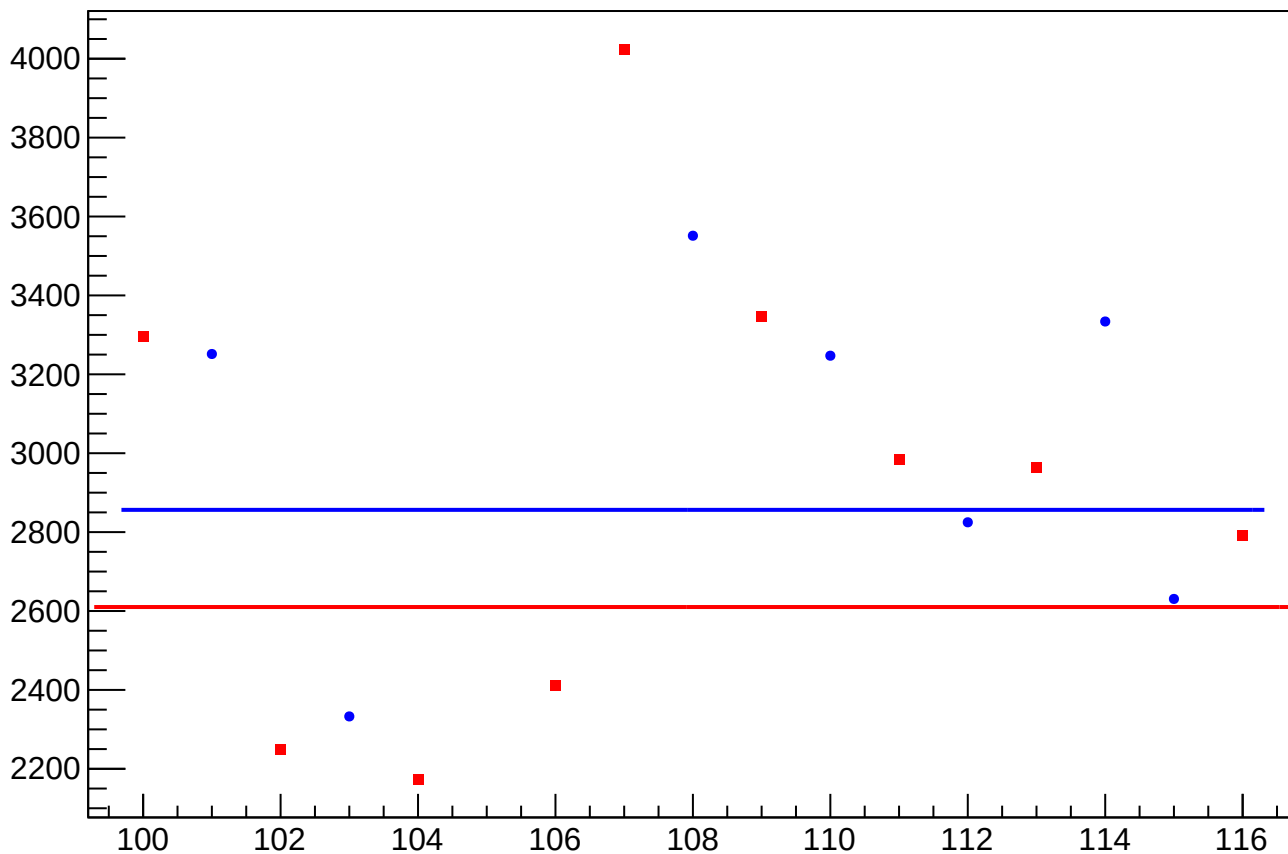
Right: 994.857+/-1097.293 χ^2 /NDF: 17.7/15

In: 2979.643+/-1736.095 χ^2 /NDF:2.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 994.857+/-1097.293 χ^2 /NDF: 17.7/15

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2856.431+/-1.228 χ^2/NDF : 127578.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2610.123+/-1.001 χ^2/NDF : 227521.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

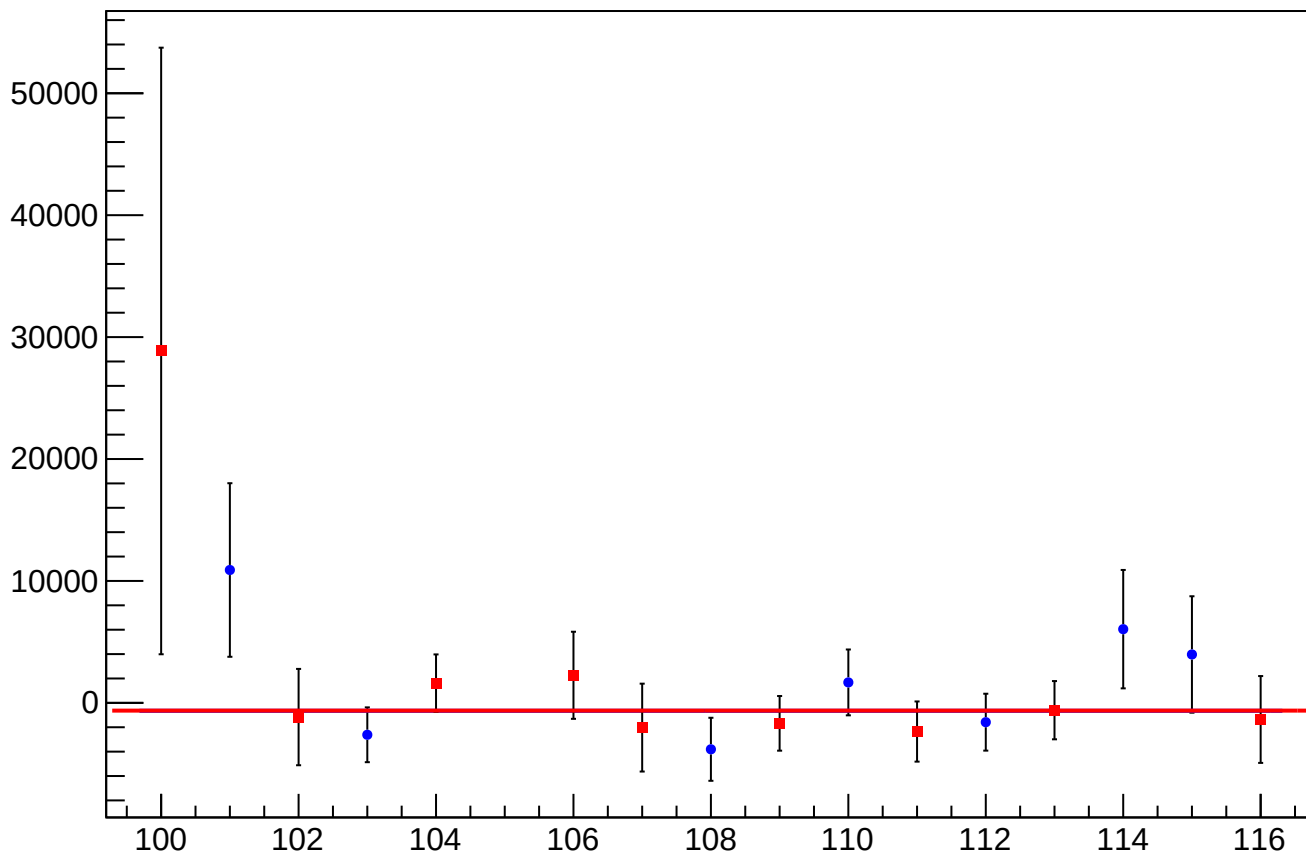
Right: 2708.519+/-0.776 χ^2/NDF : 379274.6/15

In: 2856.431+/-1.228 χ^2/NDF : 127578.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.519+/-0.776 χ^2/NDF : 379274.6/15

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -650.364+/-1136.285 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.535+/-990.596 χ^2/NDF : 3.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

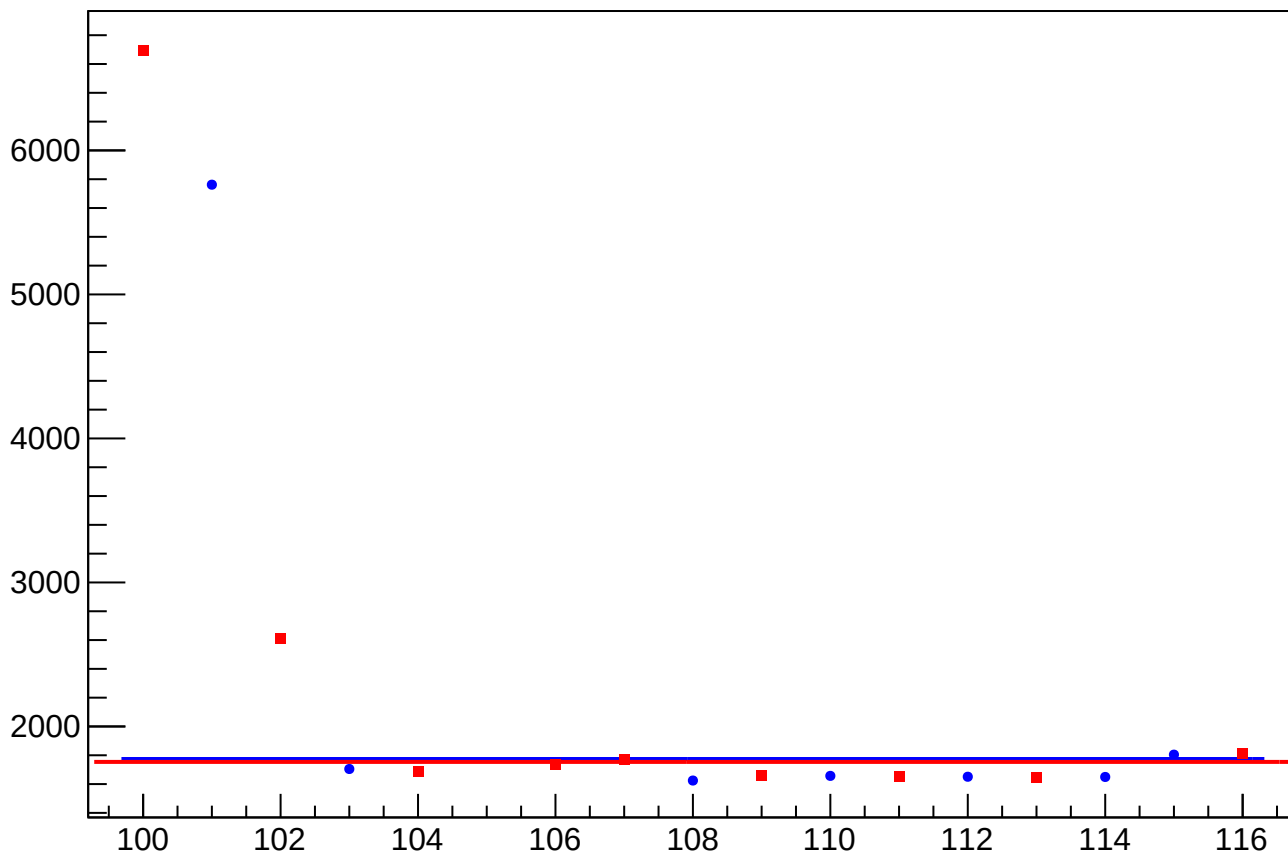
Right: -641.939+/-746.688 χ^2/NDF : 12.5/15

In: -650.364+/-1136.285 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.939+/-746.688 χ^2/NDF : 12.5/15

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1774.017+/-0.803 χ^2/NDF : 647036.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1753.958+/-0.696 χ^2/NDF : 186980.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

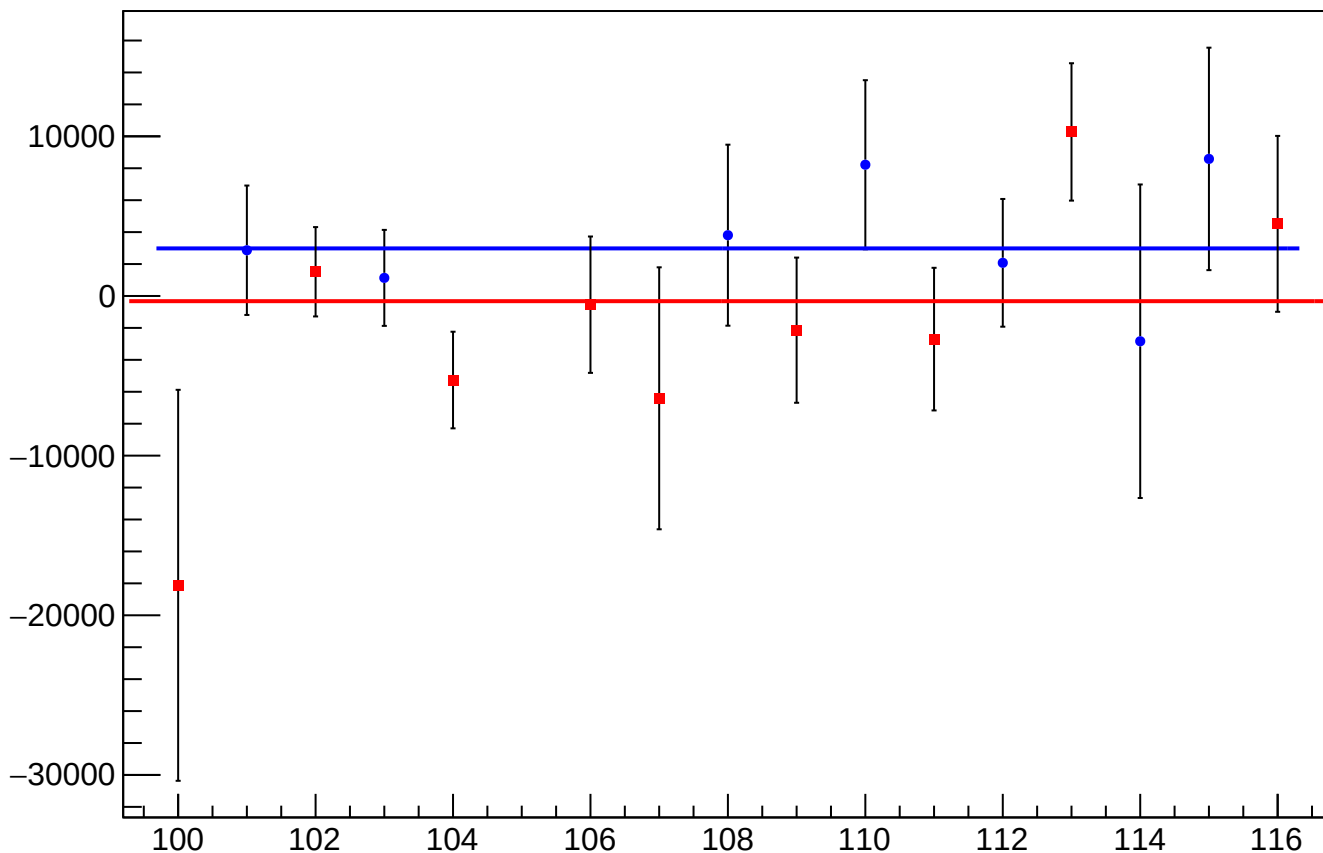
Right: 1762.555+/-0.526 χ^2/NDF : 834373.4/15

In: 1774.017+/-0.803 χ^2/NDF : 647036.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.555+/-0.526 χ^2/NDF : 834373.4/15

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2979.642 $\pm$ 1736.092 χ^2 /NDF: 2.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -325.484 $\pm$ 1415.988 χ^2 /NDF: 13.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

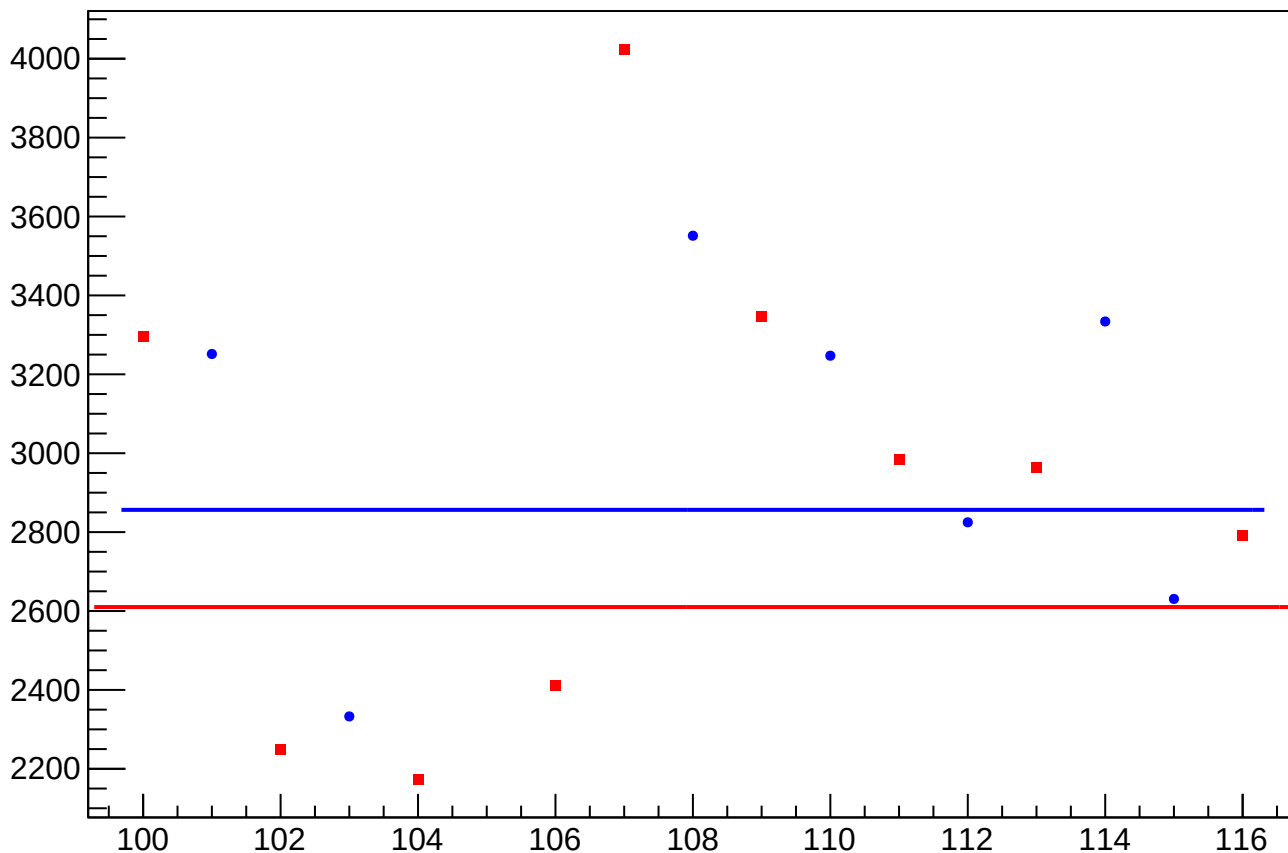
Right: 994.858 $\pm$ 1097.292 χ^2 /NDF: 17.7/15

In: 2979.642 $\pm$ 1736.092 χ^2 /NDF:2.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 994.858 $\pm$ 1097.292 χ^2 /NDF: 17.7/15

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2856.427+/-1.228 χ^2/NDF : 127576.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2610.121+/-1.001 χ^2/NDF : 227517.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

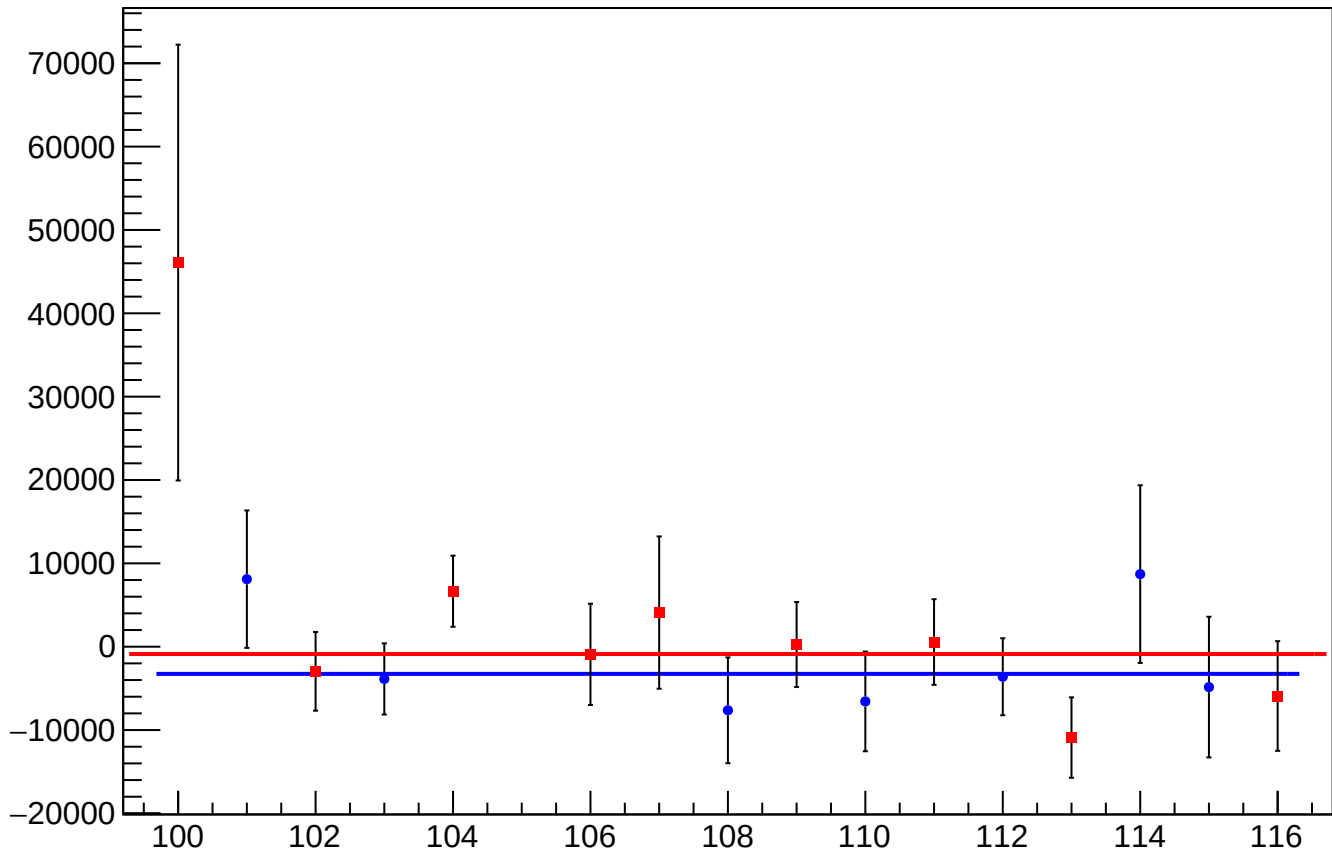
Right: 2708.516+/-0.776 χ^2/NDF : 379268.4/15

In: 2856.427+/-1.228 χ^2/NDF : 127576.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.516+/-0.776 χ^2/NDF : 379268.4/15

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -3260.560+/-2281.676 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -878.927+/-1880.400 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

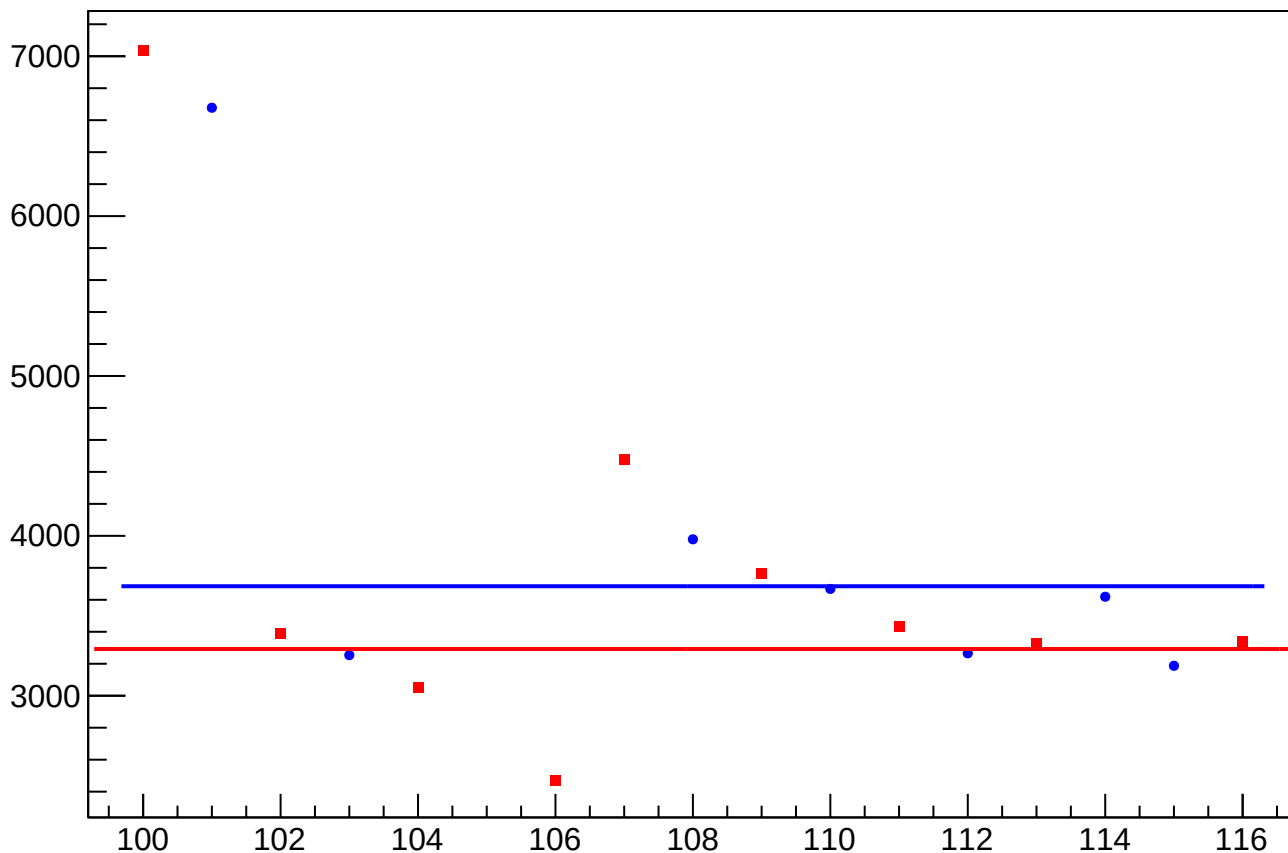
Right: -1842.239+/-1451.109 χ^2/NDF : 16.5/15

In: -3260.560+/-2281.676 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1842.239+/-1451.109 χ^2/NDF : 16.5/15

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3684.836+/-1.613 χ^2/NDF : 311698.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3292.122+/-1.290 χ^2/NDF : 160818.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

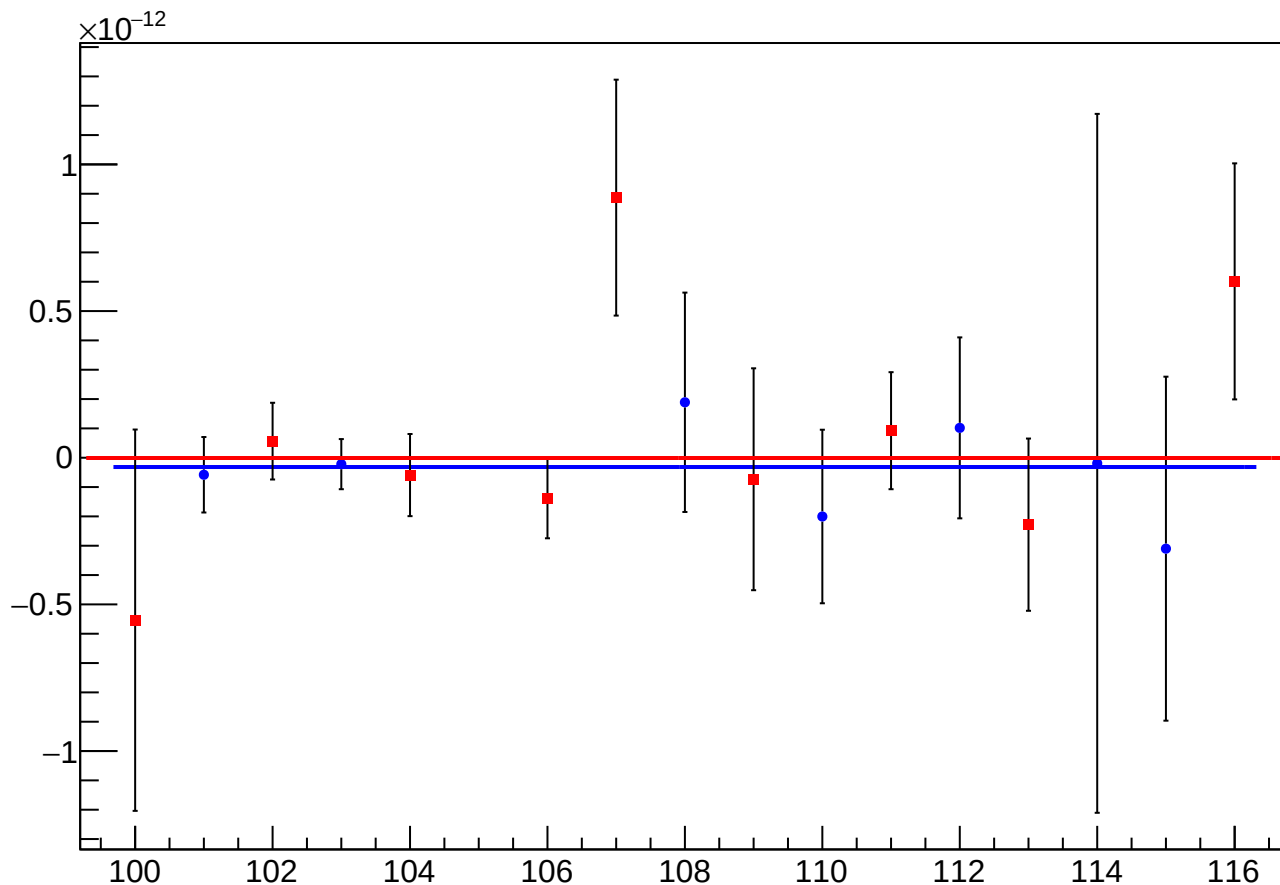
Right: 3445.322+/-1.008 χ^2/NDF : 508651.6/15

In: 3684.836+/-1.613 χ^2/NDF : 311698.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3445.322+/-1.008 χ^2/NDF : 508651.6/15

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

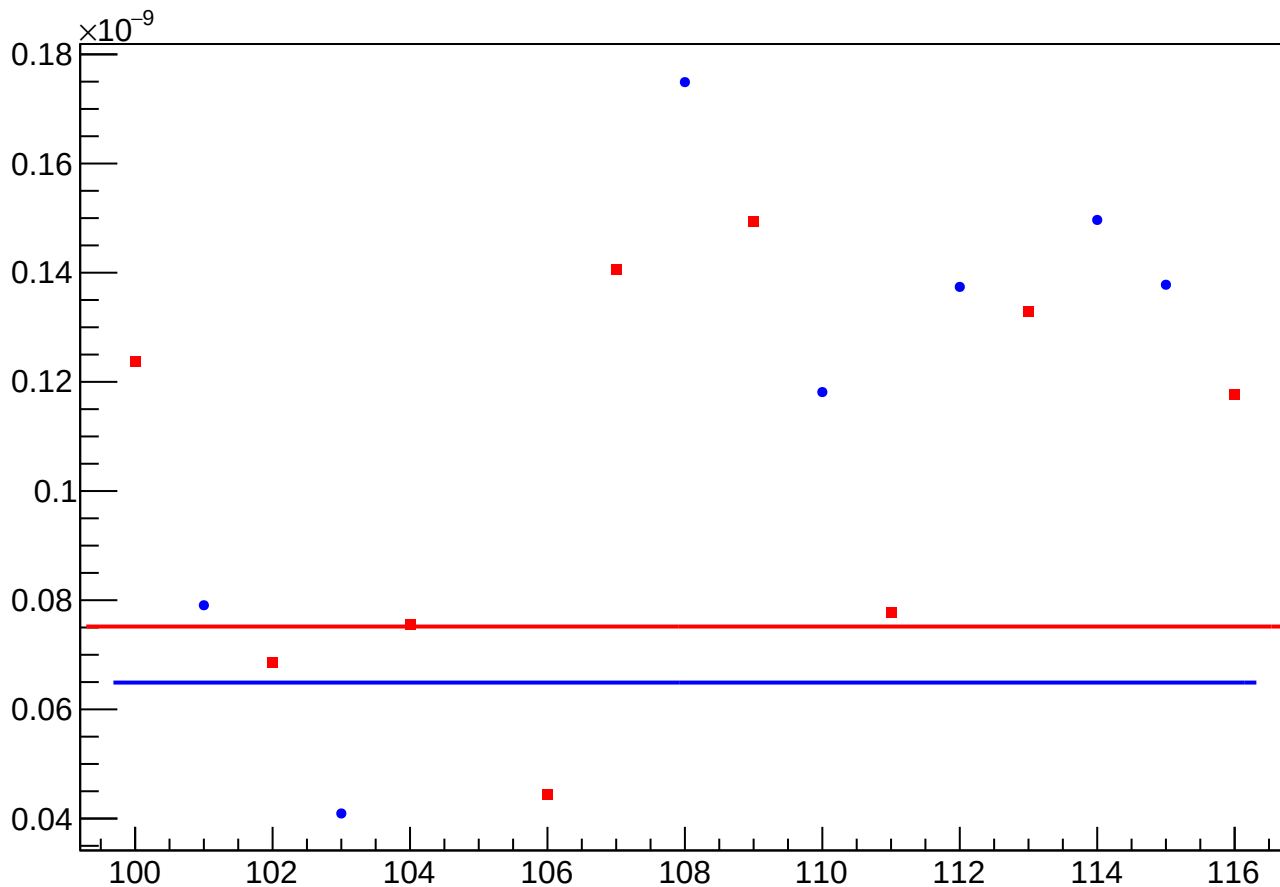
Right: -0.000+/-0.000 χ^2/NDF : 11.3/15

In: -0.000+/-0.000 χ^2/NDF :1.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/15

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 571028.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 348586.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

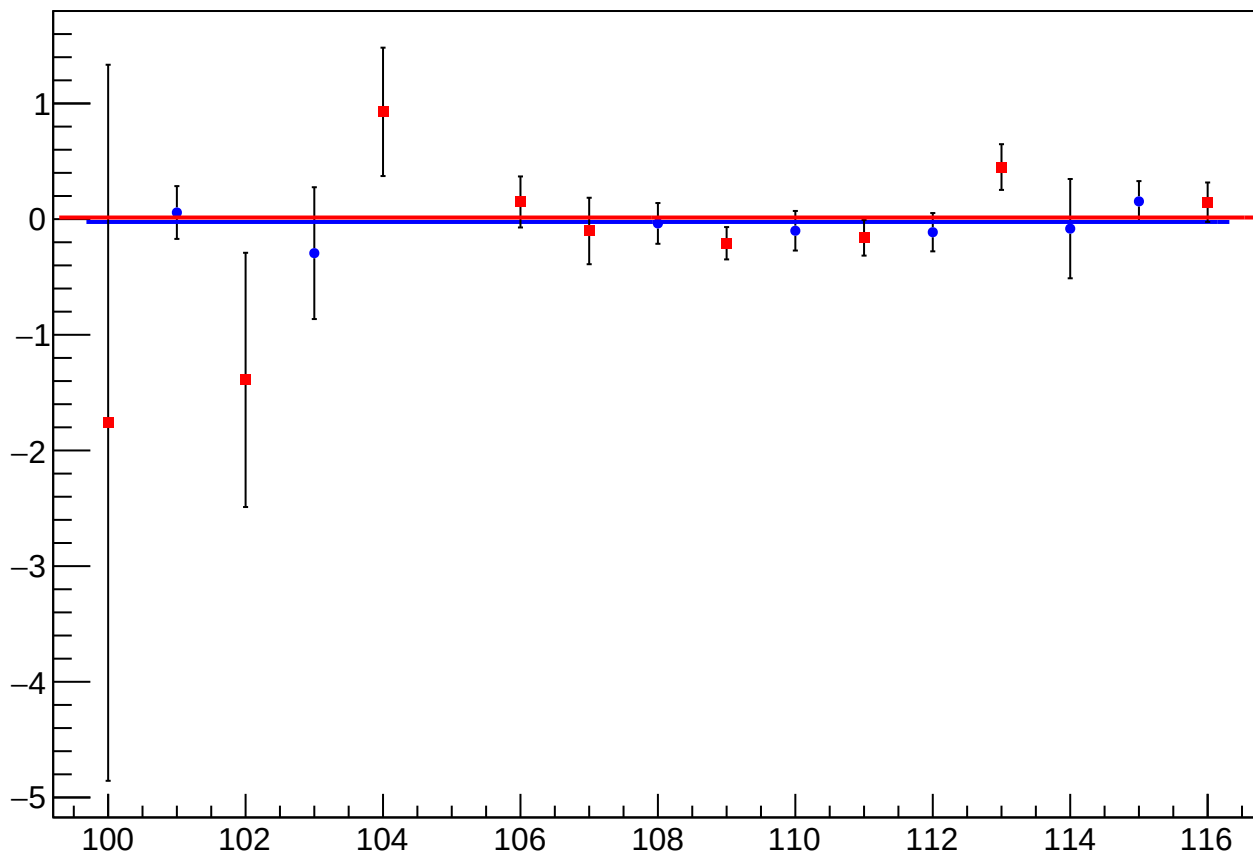
Right: 0.000+/-0.000 χ^2/NDF : 943439.4/15

In: 0.000+/-0.000 χ^2/NDF : 571028.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 943439.4/15

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.078 χ^2/NDF : 1.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.073 χ^2/NDF : 14.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

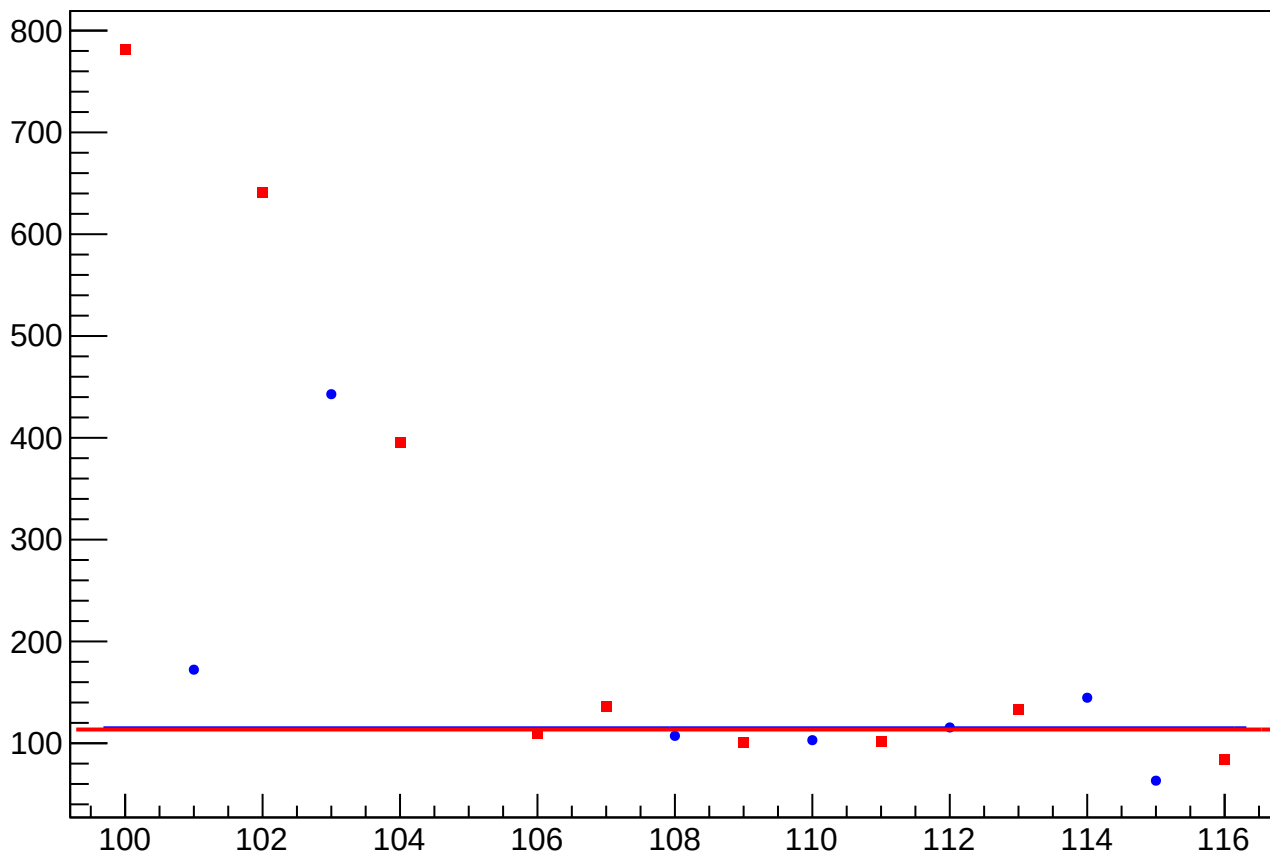
Right: -0.004 ± 0.053 χ^2/NDF : 16.5/15

In: -0.024 ± 0.078 χ^2/NDF : 1.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.053 χ^2/NDF : 16.5/15

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.679+/-0.055 χ^2/NDF : 985498.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.489+/-0.051 χ^2/NDF : 1188342.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

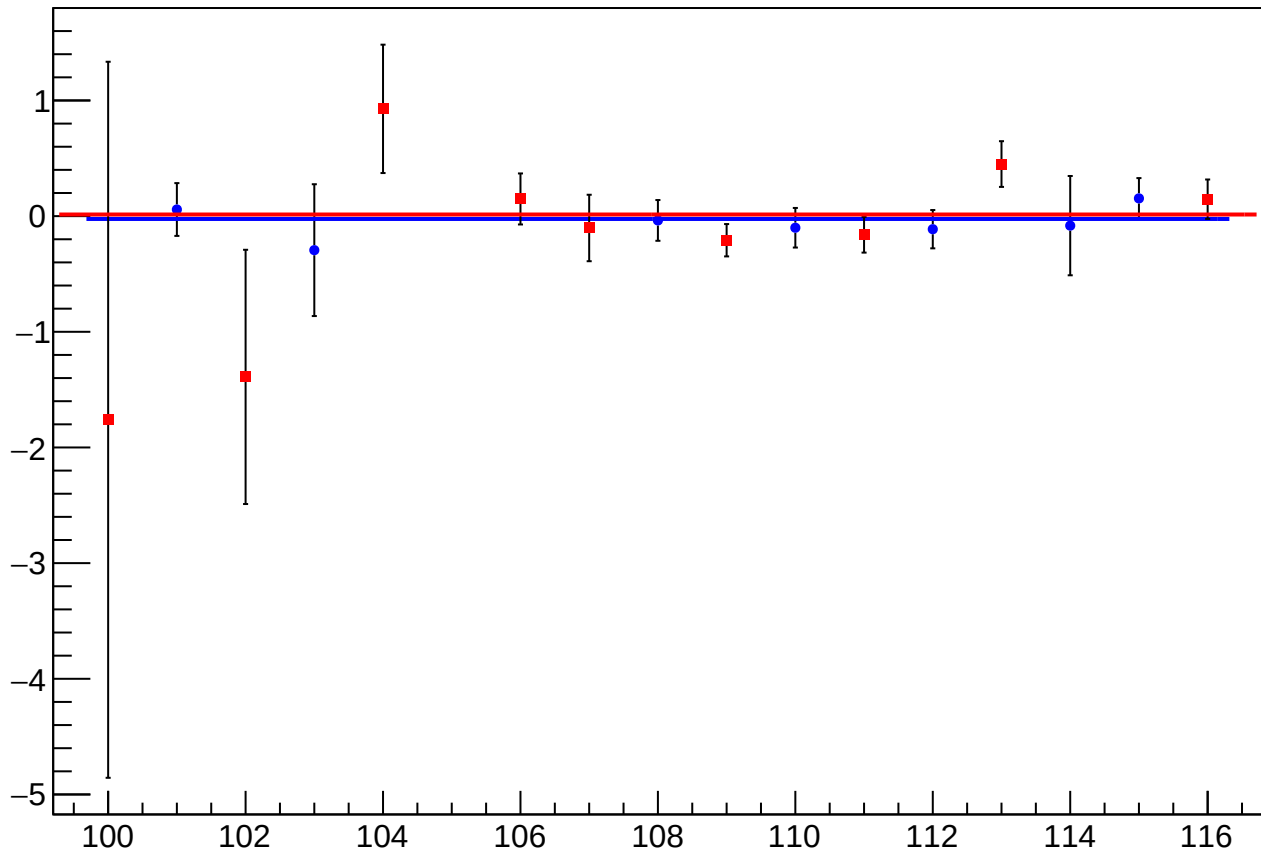
Right: 114.039+/-0.038 χ^2/NDF : 2174089.1/15

In: 114.679+/-0.055 χ^2/NDF : 985498.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.039+/-0.038 χ^2/NDF : 2174089.1/15

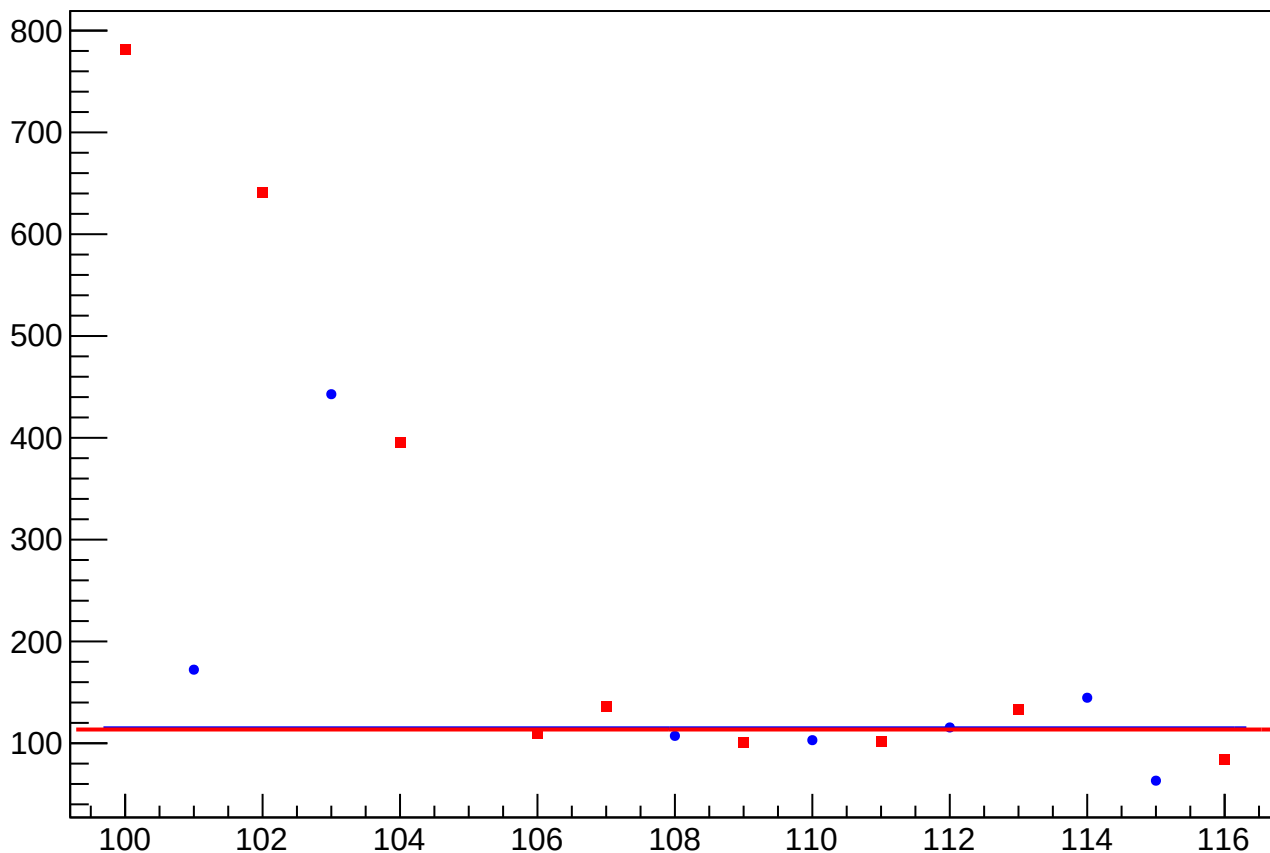
asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.078 χ^2/NDF : 1.9/6
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.014 ± 0.073 χ^2/NDF : 14.5/8
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.004 ± 0.053 χ^2/NDF : 16.5/15
 In: -0.024 ± 0.078 χ^2/NDF : 1.9/6
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.004 ± 0.053 χ^2/NDF : 16.5/15

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.679+/-0.055 χ^2/NDF : 985498.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.489+/-0.051 χ^2/NDF : 1188342.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

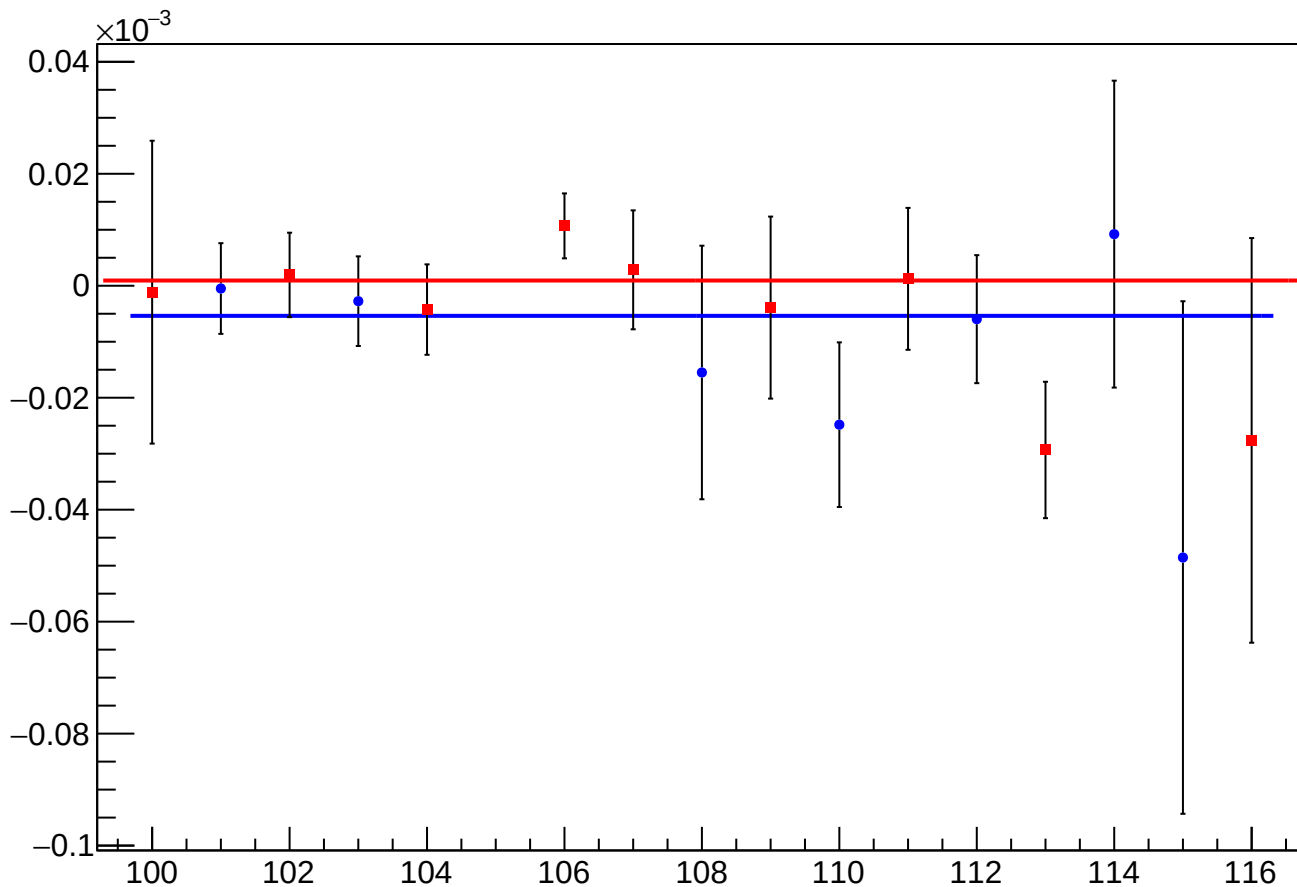
Right: 114.039+/-0.038 χ^2/NDF : 2174089.1/15

In: 114.679+/-0.055 χ^2/NDF : 985498.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.039+/-0.038 χ^2/NDF : 2174089.1/15

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

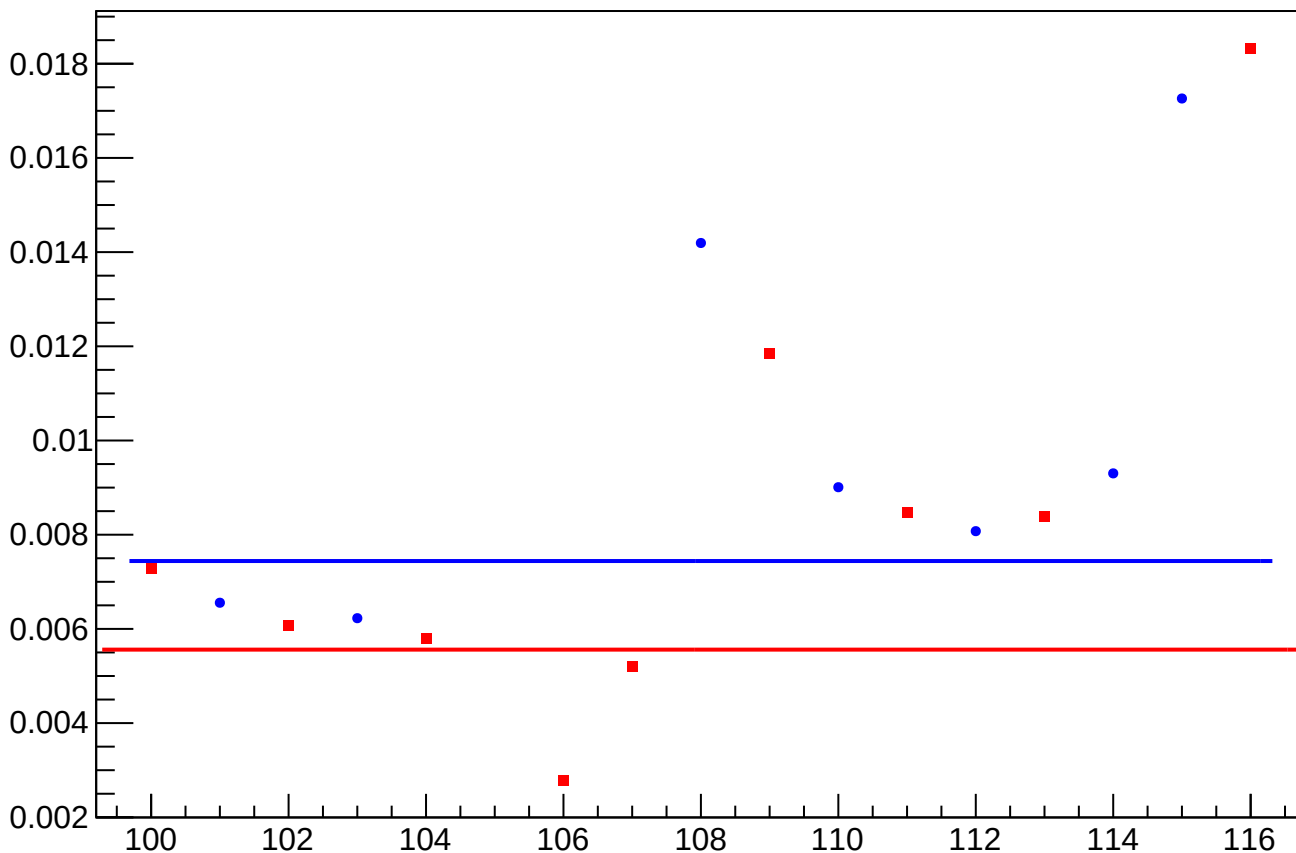
Right: -0.000+/-0.000 χ^2/NDF : 15.0/15

In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/15

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 377821.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1242658.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

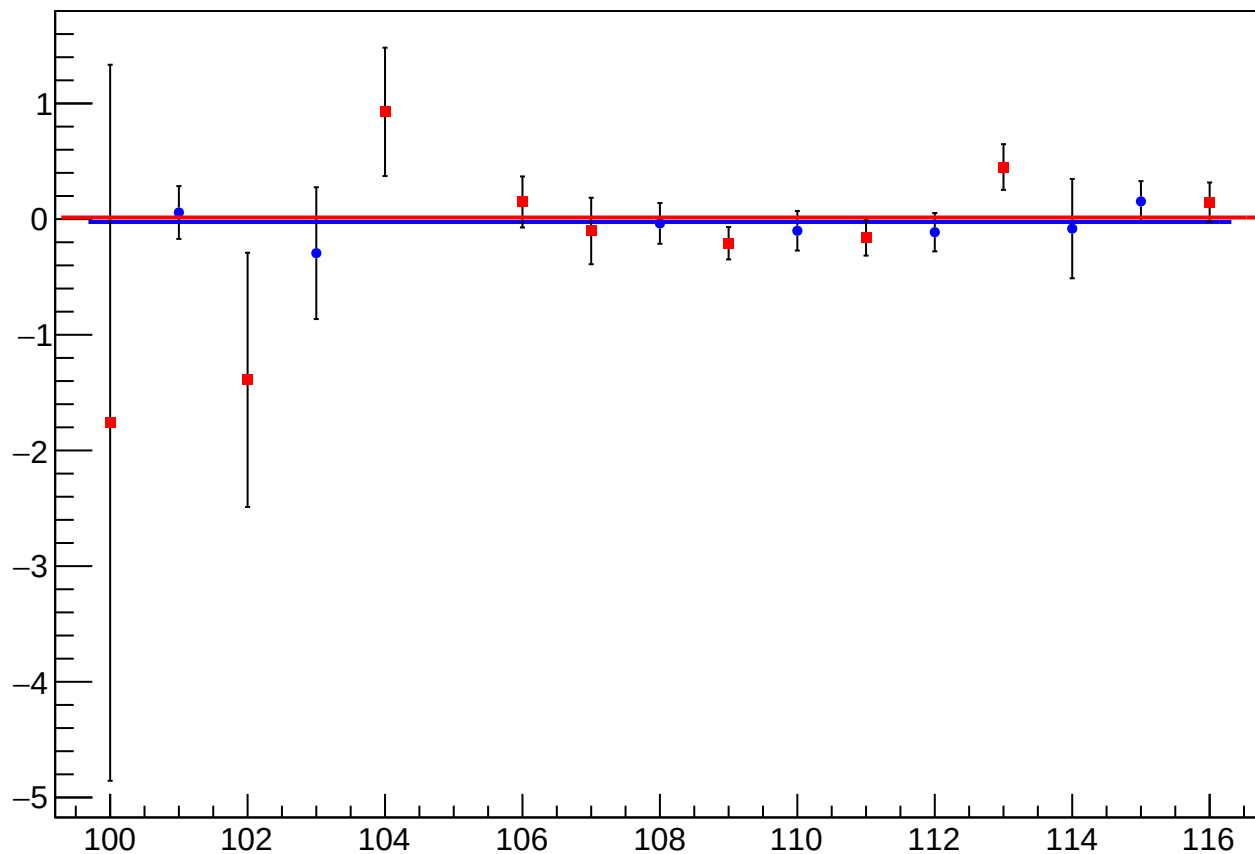
Right: 0.006+/-0.000 χ^2/NDF : 1838923.4/15

In: 0.007+/-0.000 χ^2/NDF : 377821.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1838923.4/15

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.078 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.073 χ^2/NDF : 14.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

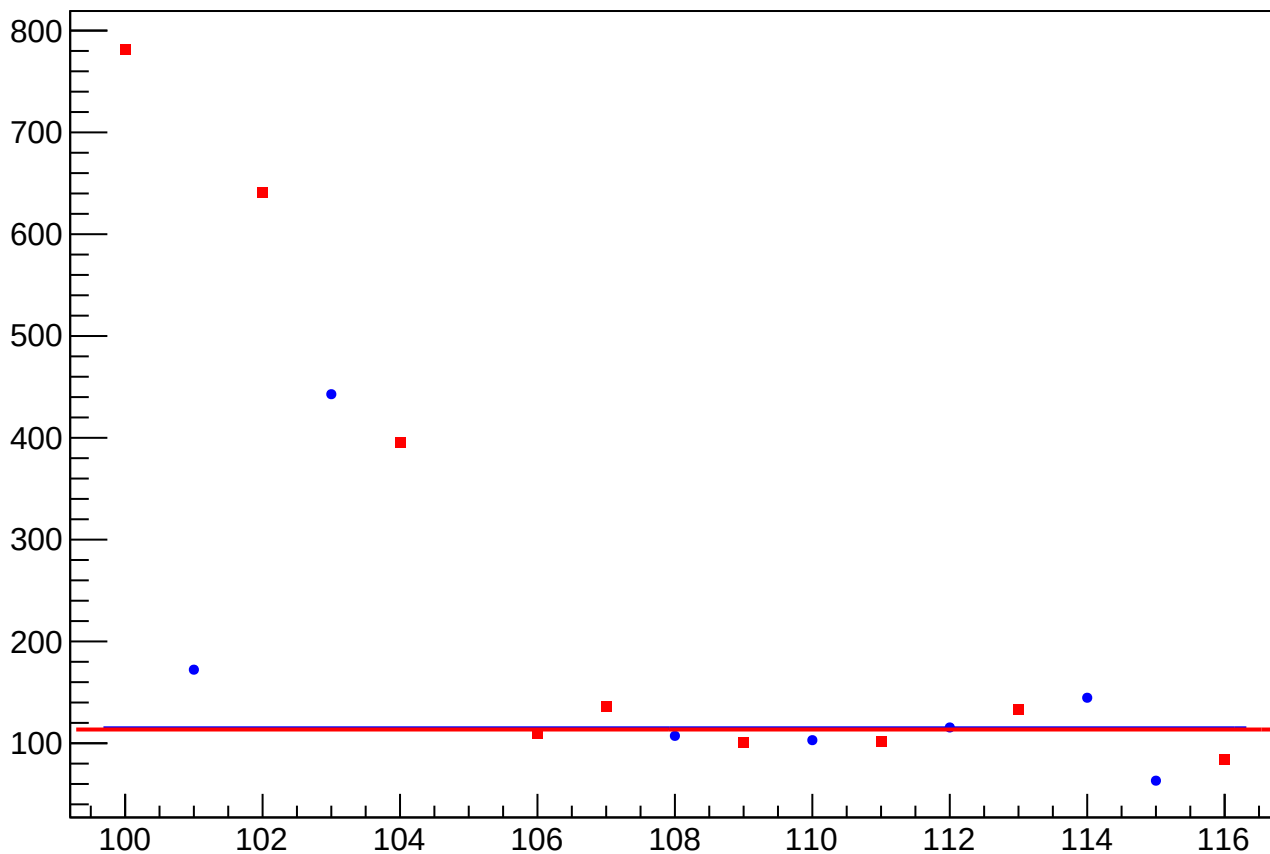
Right: -0.004+/-0.053 χ^2/NDF : 16.5/15

In: -0.025+/-0.078 χ^2/NDF :1.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.053 χ^2/NDF : 16.5/15

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.683+/-0.055 χ^2/NDF : 985453.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.493+/-0.051 χ^2/NDF : 1188293.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

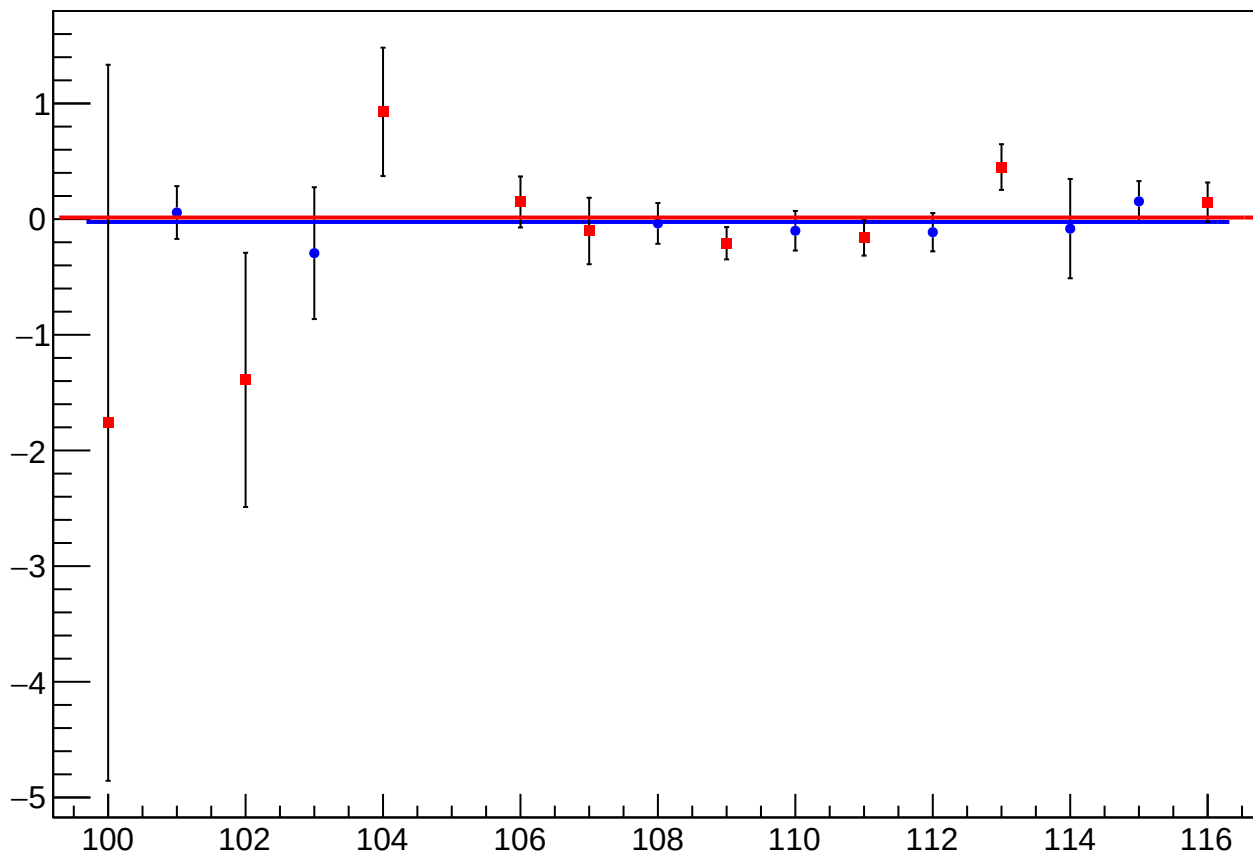
Right: 114.042+/-0.038 χ^2/NDF : 2173995.5/15

In: 114.683+/-0.055 χ^2/NDF : 985453.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.042+/-0.038 χ^2/NDF : 2173995.5/15

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.078 χ^2/NDF : 1.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.073 χ^2/NDF : 14.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

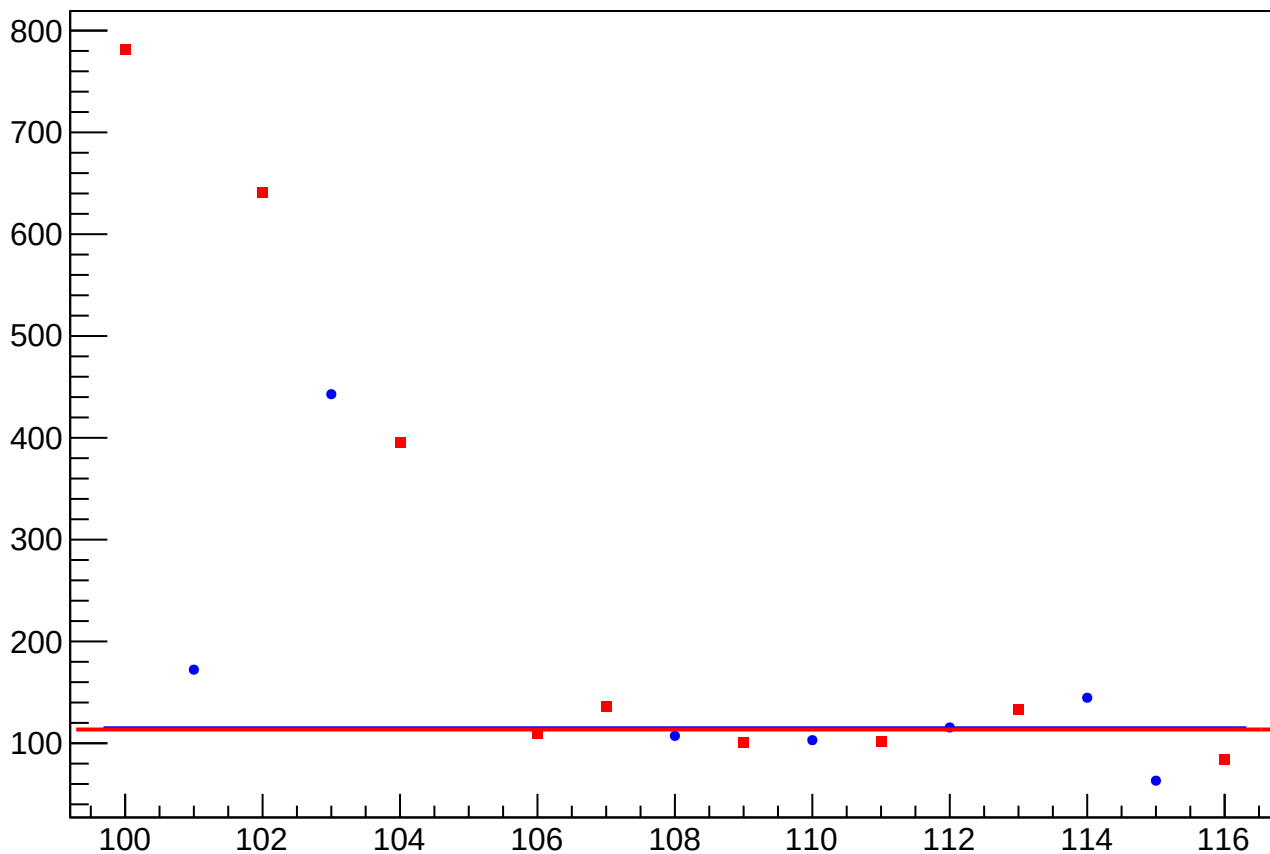
Right: -0.004 ± 0.053 χ^2/NDF : 16.5/15

In: -0.025 ± 0.078 χ^2/NDF : 1.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.053 χ^2/NDF : 16.5/15

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.683+/-0.055 χ^2/NDF : 985453.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.493+/-0.051 χ^2/NDF : 1188293.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

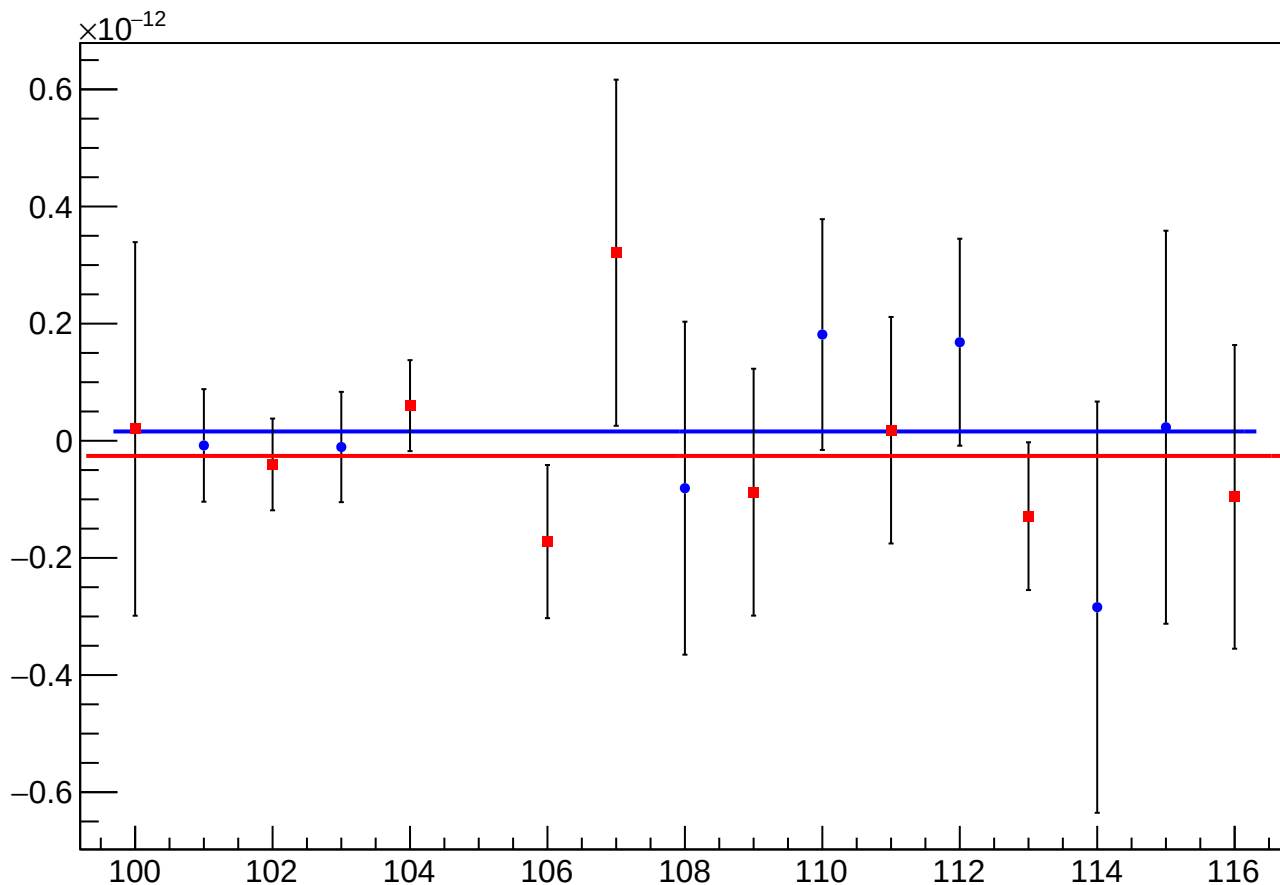
Right: 114.042+/-0.038 χ^2/NDF : 2173995.5/15

In: 114.683+/-0.055 χ^2/NDF : 985453.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.042+/-0.038 χ^2/NDF : 2173995.5/15

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

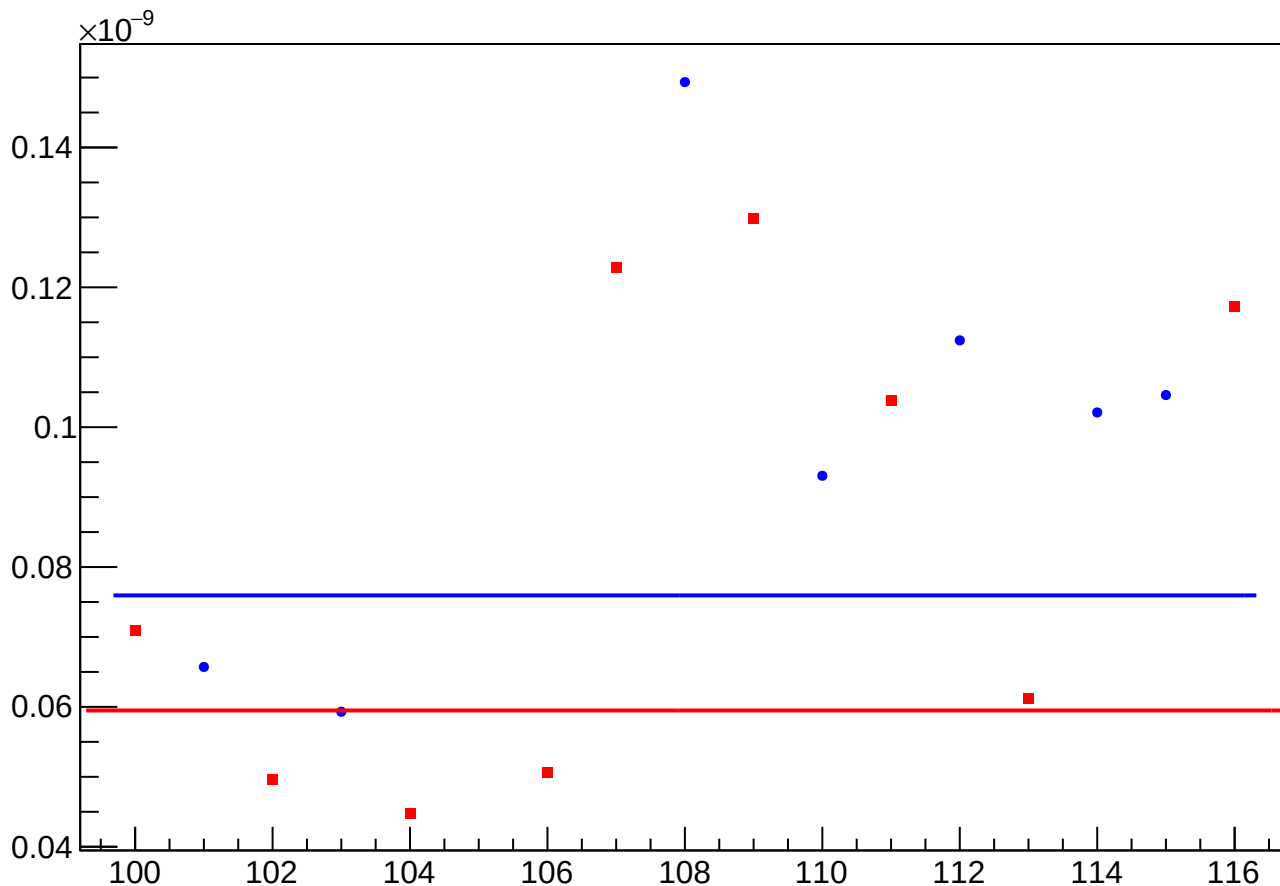
Right: -0.000+/-0.000 χ^2/NDF : 7.6/15

In: 0.000+/-0.000 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/15

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 344504.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 635800.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

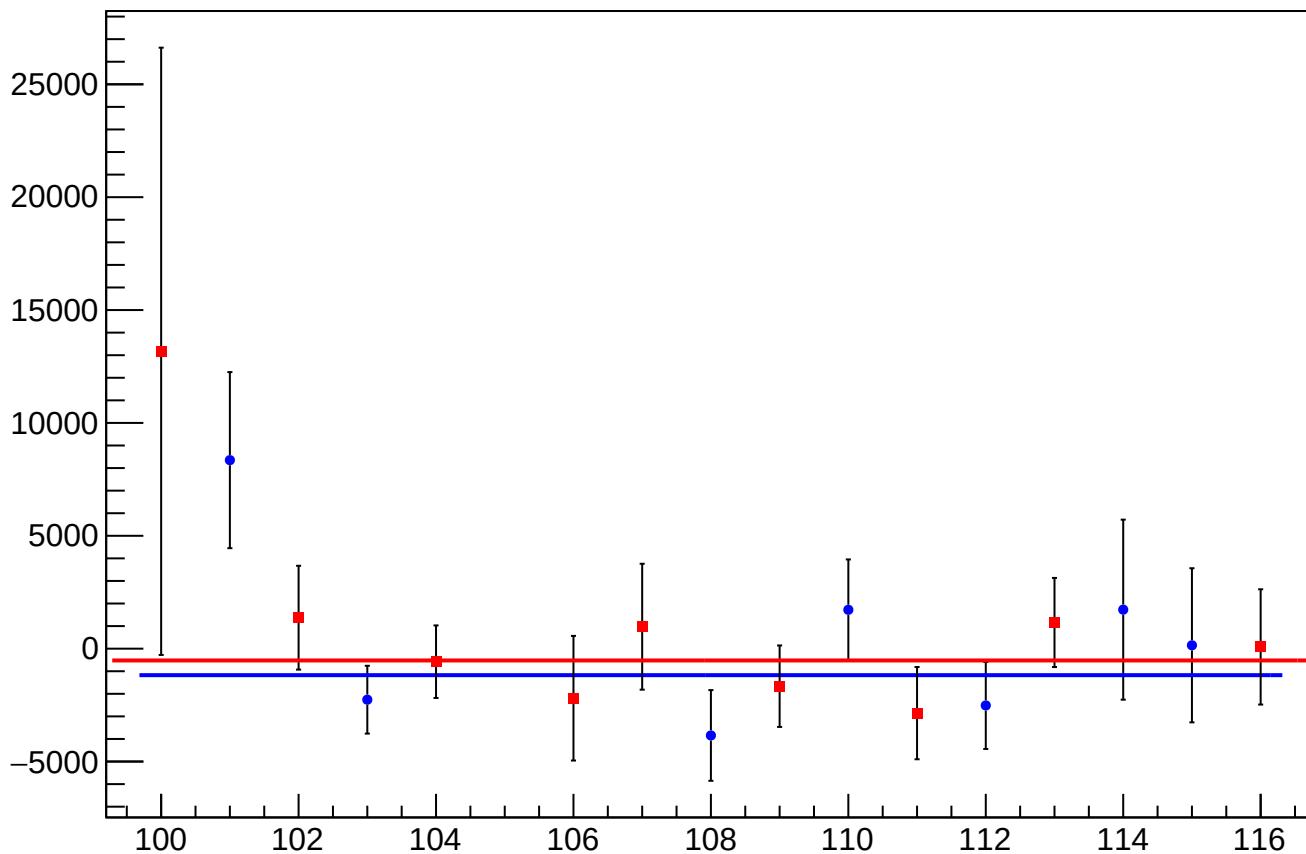
Right: 0.000+/-0.000 χ^2/NDF : 1086244.1/15

In: 0.000+/-0.000 χ^2/NDF : 344504.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1086244.1/15

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1173.873+/-852.702 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.385+/-745.706 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

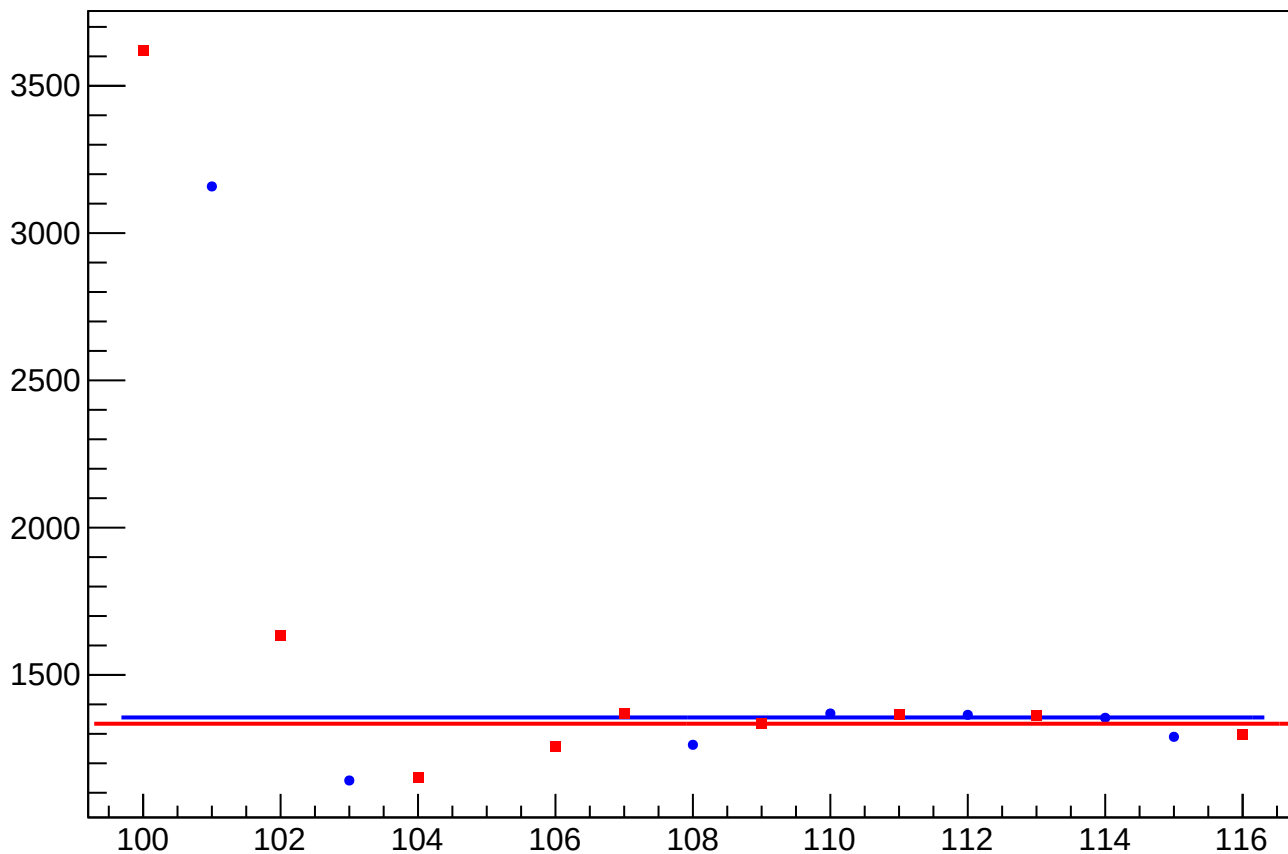
Right: -804.713+/-561.334 χ^2/NDF : 16.3/15

In: -1173.873+/-852.702 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -804.713+/-561.334 χ^2/NDF : 16.3/15

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1355.656+/-0.603 χ^2/NDF : 473048.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.347+/-0.524 χ^2/NDF : 121241.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

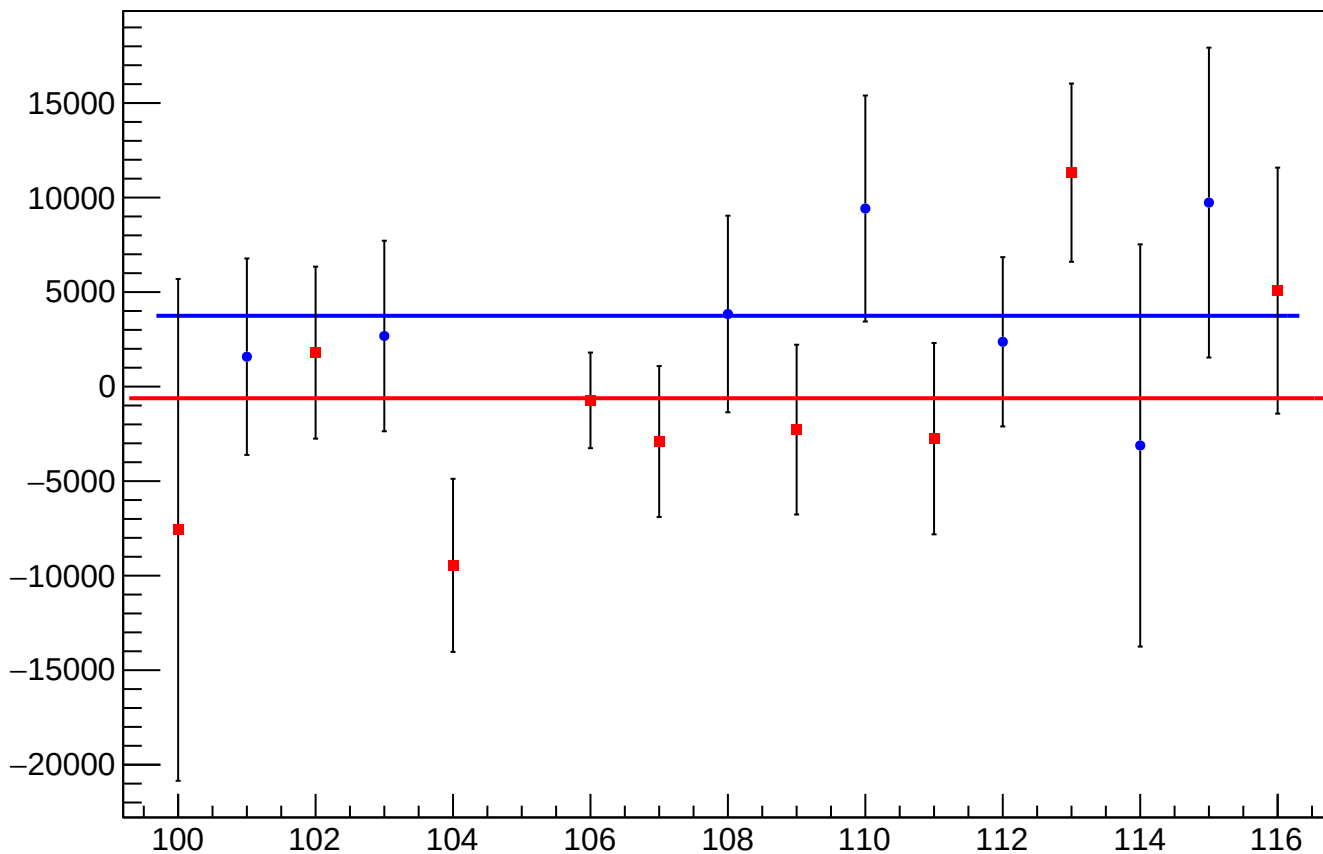
Right: 1343.517+/-0.396 χ^2/NDF : 595001.9/15

In: 1355.656+/-0.603 χ^2/NDF : 473048.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.517+/-0.396 χ^2/NDF : 595001.9/15

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 3746.450+/-2156.582 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -615.653+/-1446.355 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

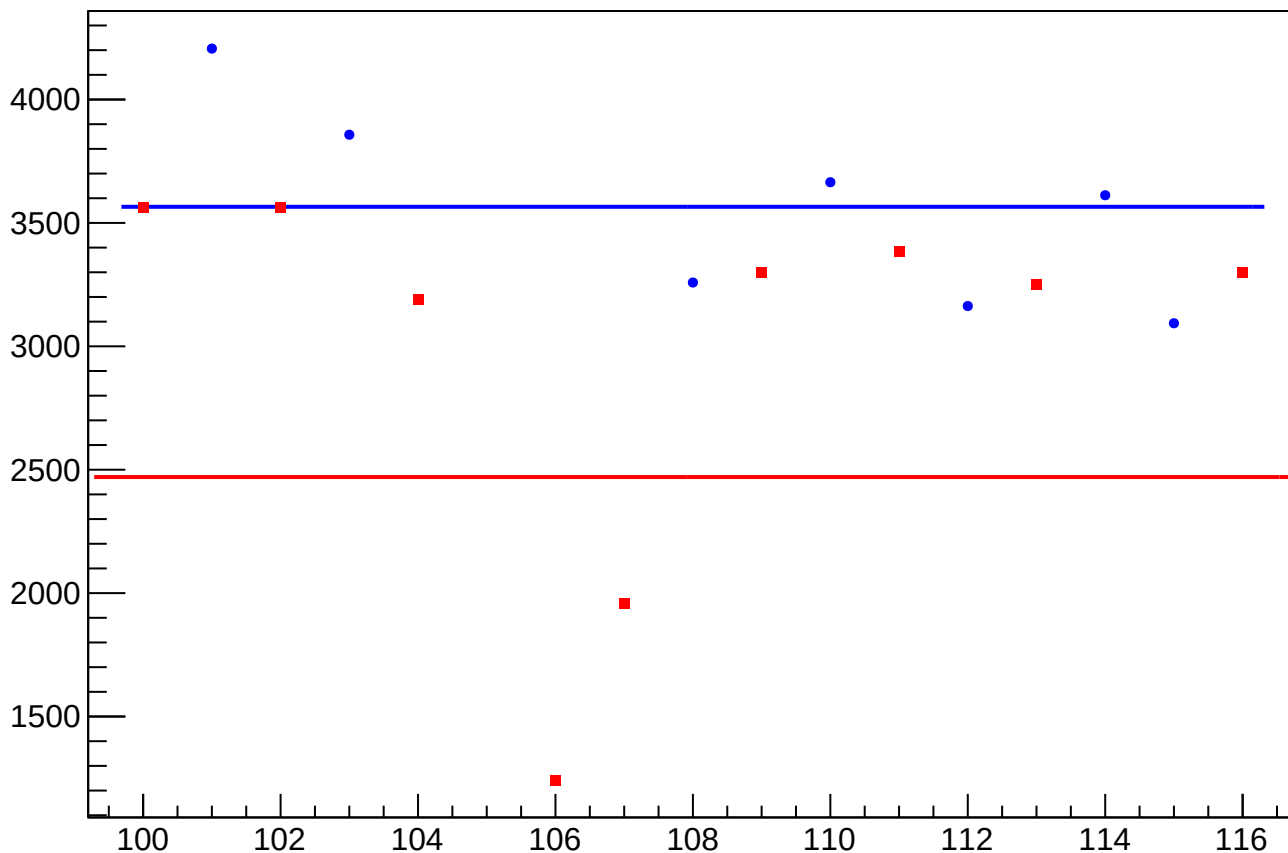
Right: 737.686+/-1201.216 χ^2/NDF : 17.1/15

In: 3746.450+/-2156.582 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.686+/-1201.216 χ^2/NDF : 17.1/15

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3565.355+/-1.525 χ^2/NDF : 67480.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2470.307+/-1.023 χ^2/NDF : 903314.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

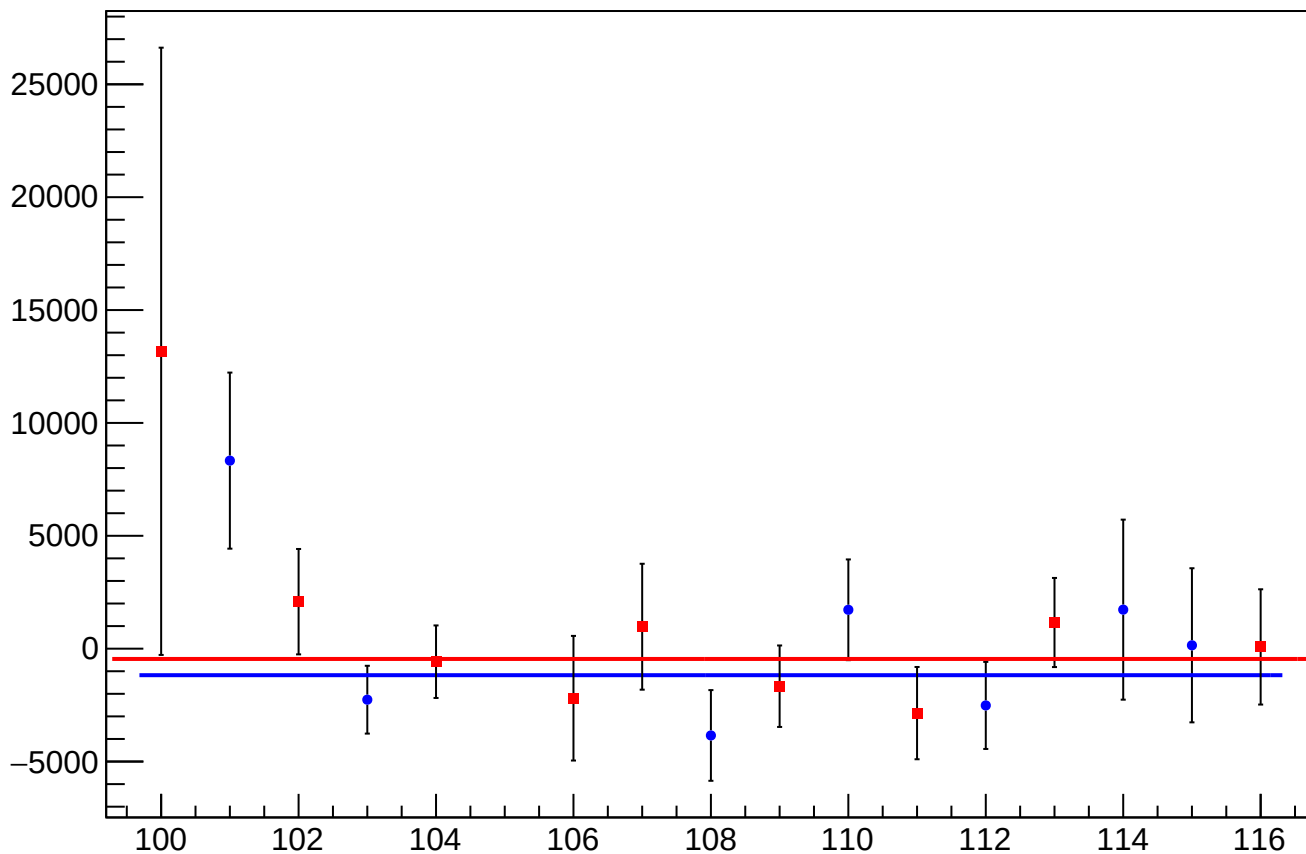
Right: 2810.044+/-0.849 χ^2/NDF : 1326473.7/15

In: 3565.355+/-1.525 χ^2/NDF : 67480.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2810.044+/-0.849 χ^2/NDF : 1326473.7/15

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1174.835 ± 852.703 χ^2/NDF : 11.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -455.732 ± 746.864 χ^2/NDF : 5.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

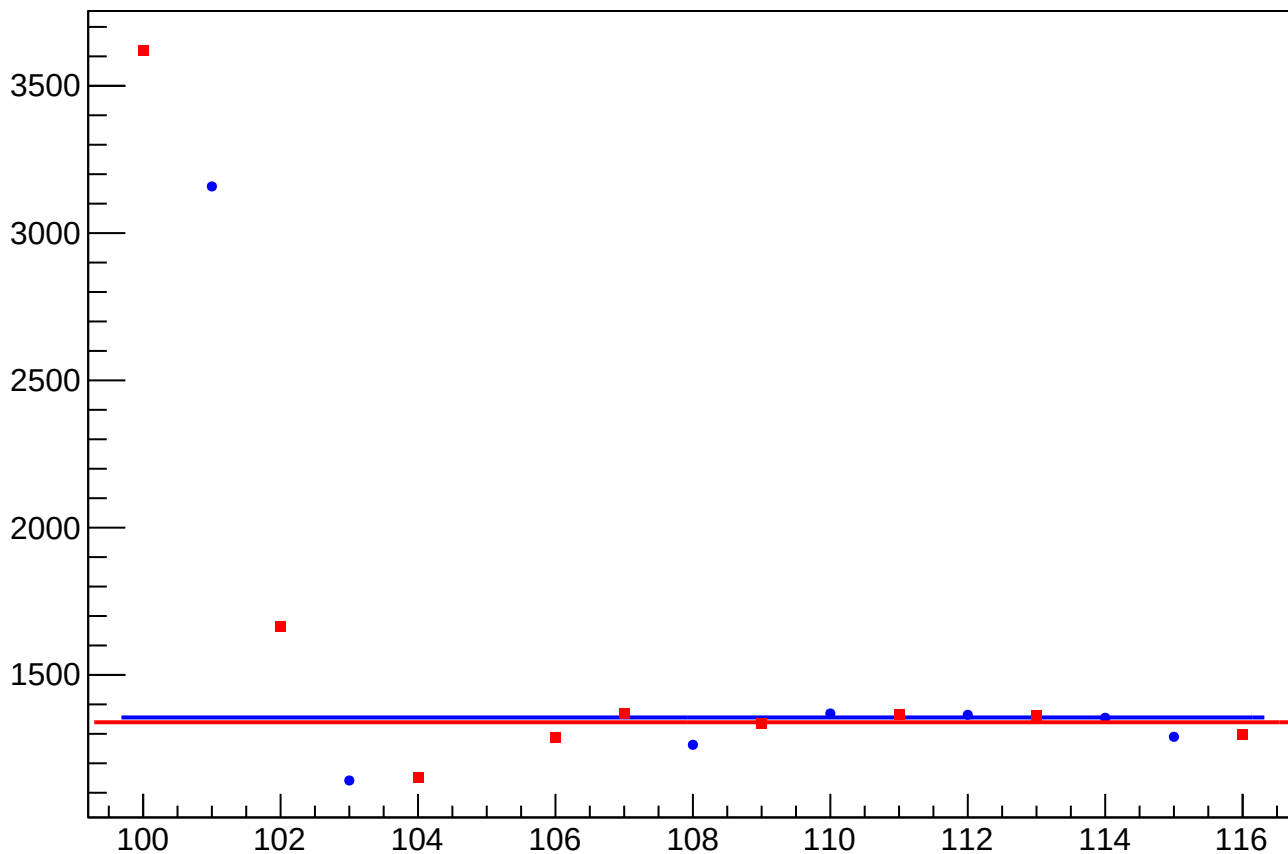
Right: -767.910 ± 561.828 χ^2/NDF : 16.9/15

In: -1174.835 ± 852.703 χ^2/NDF : 11.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -767.910 ± 561.828 χ^2/NDF : 16.9/15

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

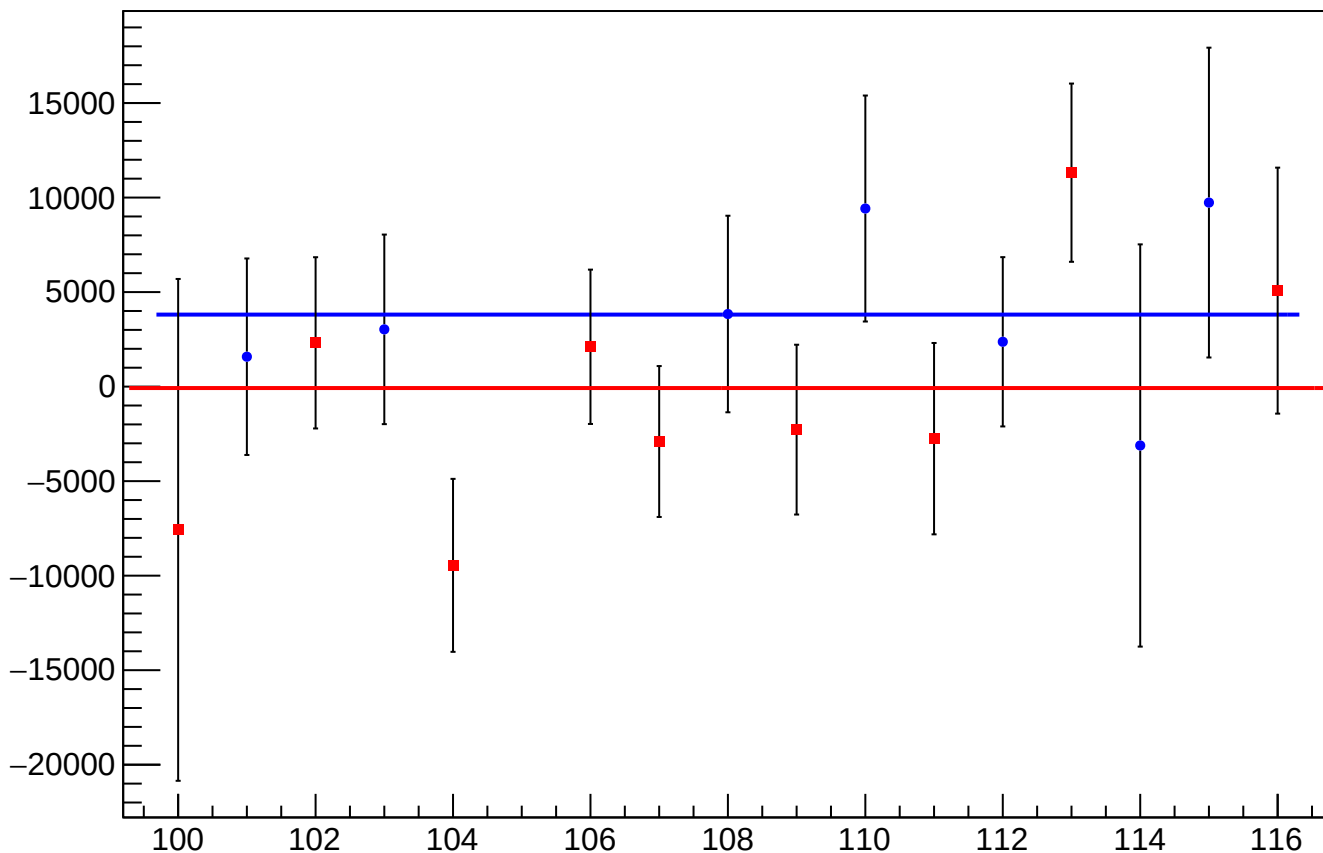
Right: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.811+/-1617.505 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

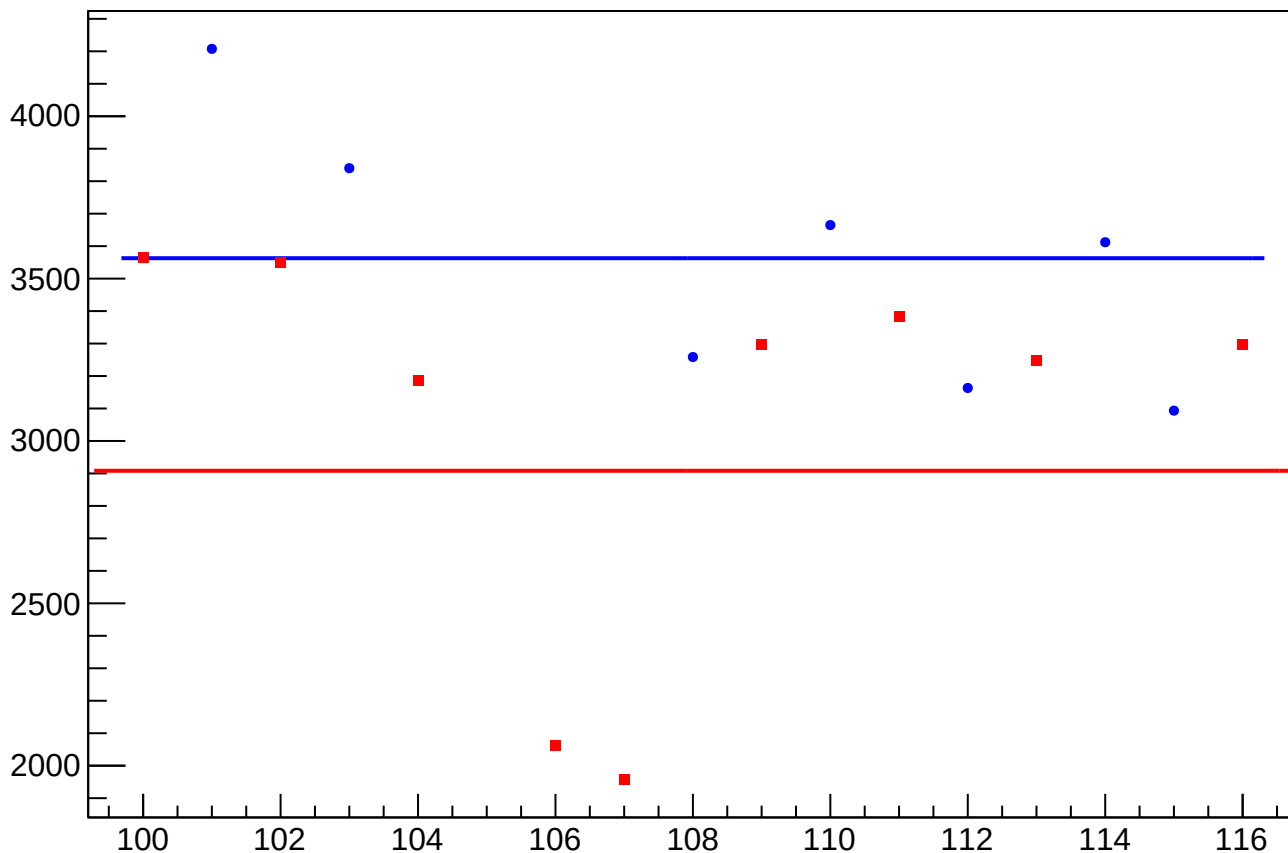
Right: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

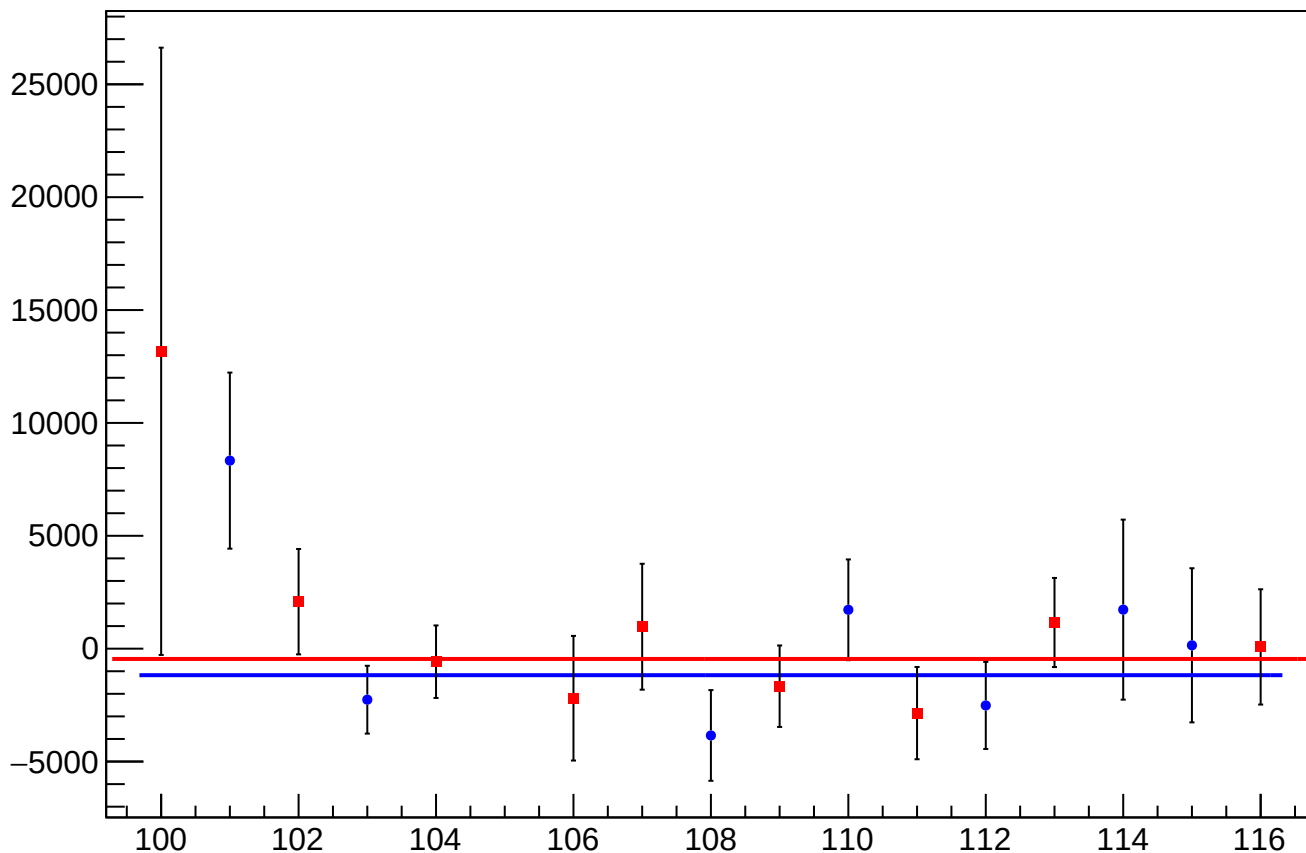
Right: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.732+/-746.864 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

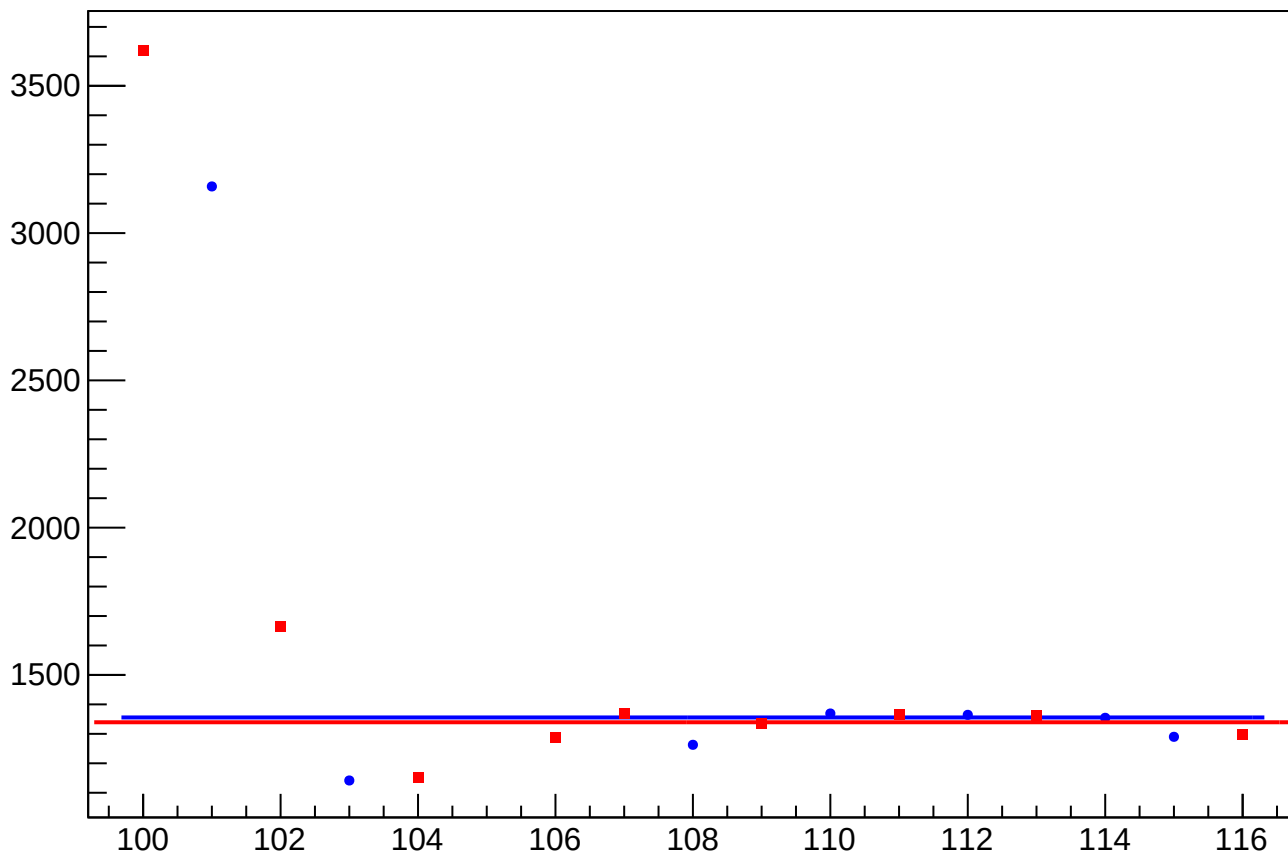
Right: -767.910+/-561.828 χ^2/NDF : 16.9/15

In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.910+/-561.828 χ^2/NDF : 16.9/15

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

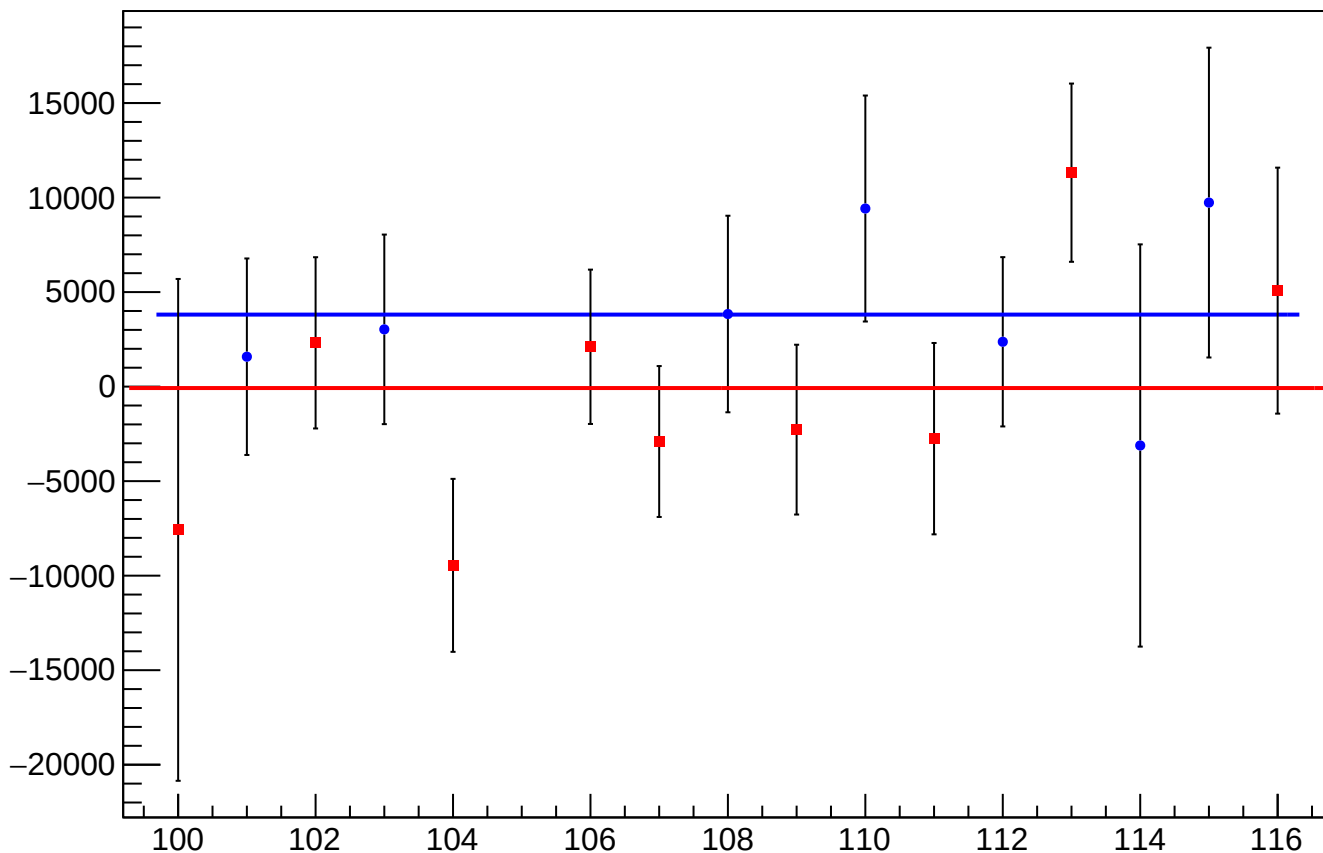
Right: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.811+/-1617.505 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

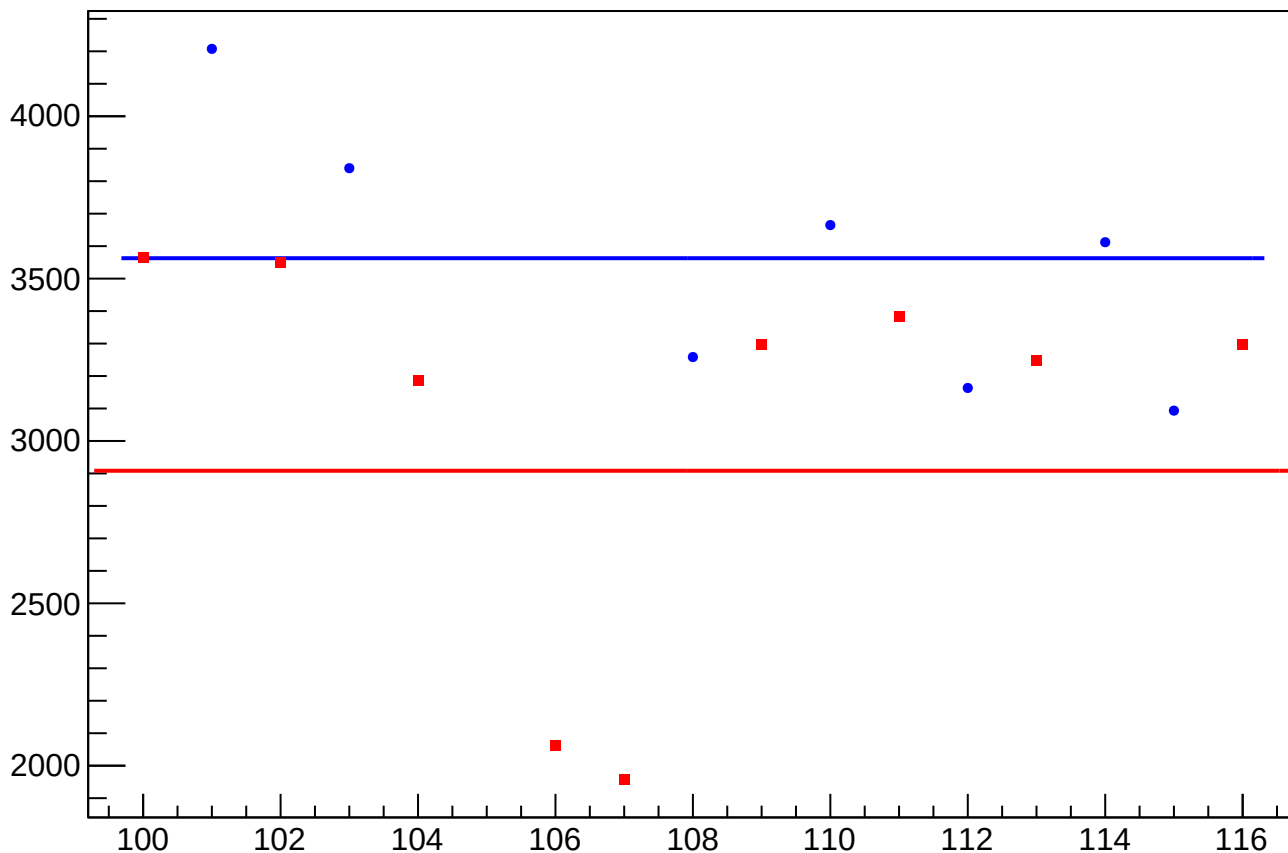
Right: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

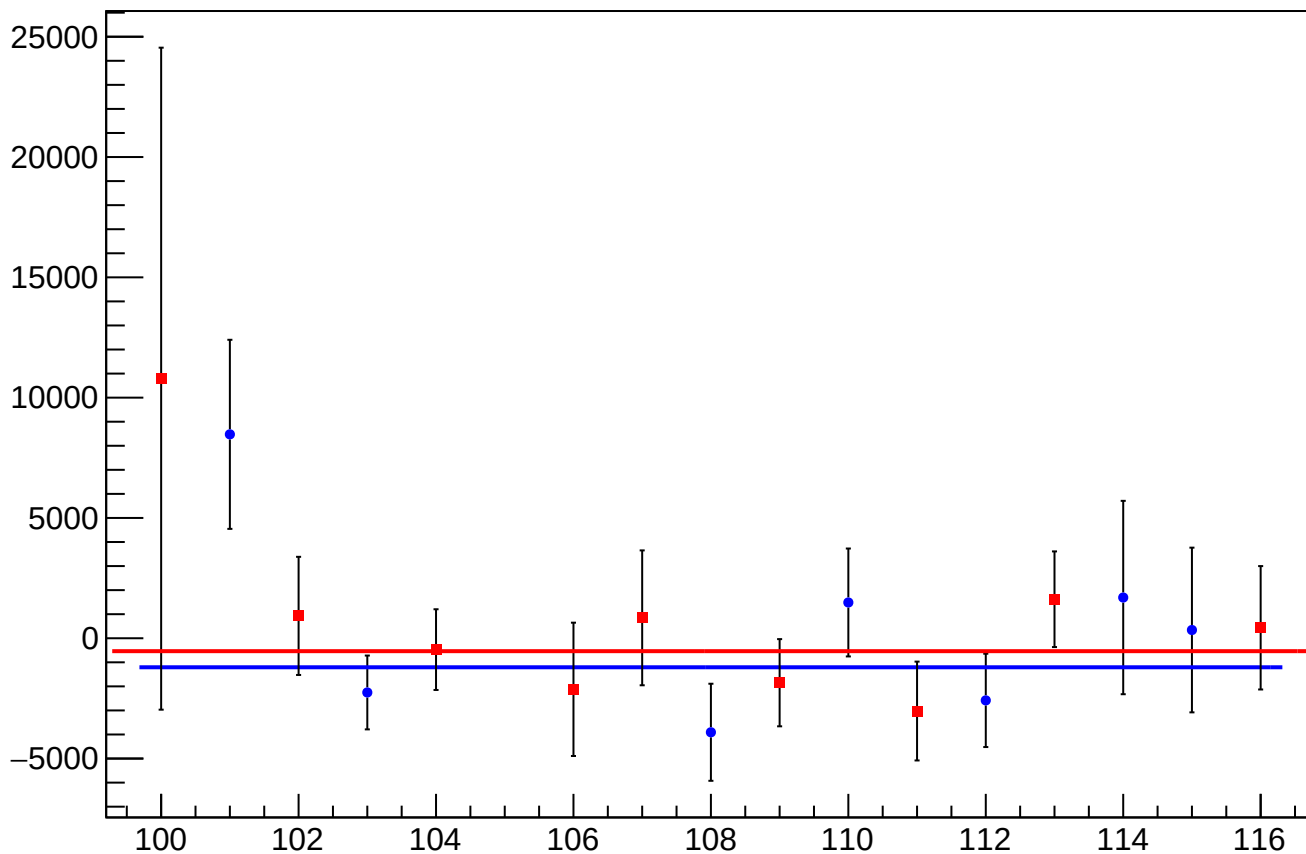
Right: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1206.317+/-861.532 χ^2/NDF : 11.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -536.716+/-760.116 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

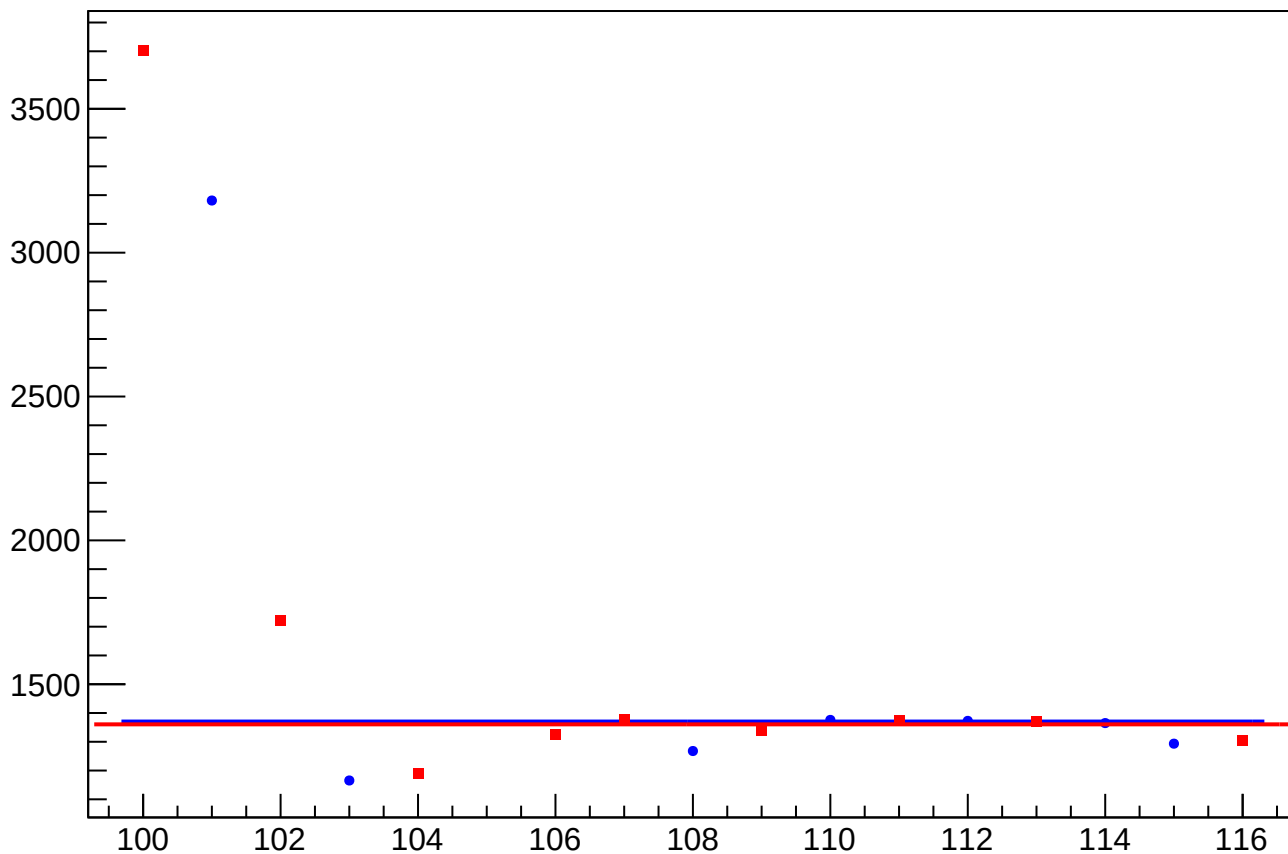
Right: -829.804+/-569.983 χ^2/NDF : 16.3/15

In: -1206.317+/-861.532 χ^2/NDF : 11.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.804+/-569.983 χ^2/NDF : 16.3/15

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

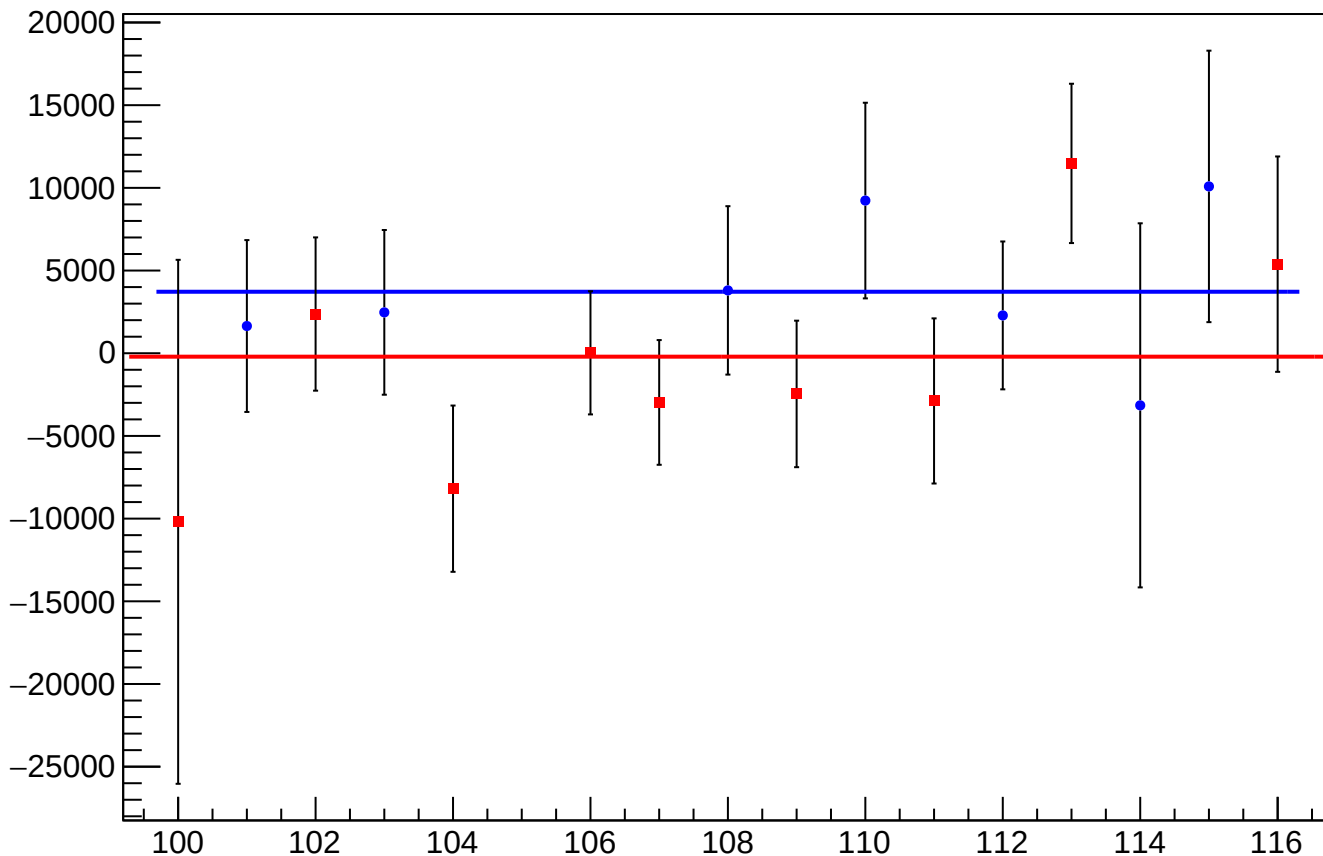
Right: 1364.787+/-0.403 χ^2/NDF : 590421.3/15

In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.787+/-0.403 χ^2/NDF : 590421.3/15

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 3718.239+/-2143.568 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.541+/-1600.548 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

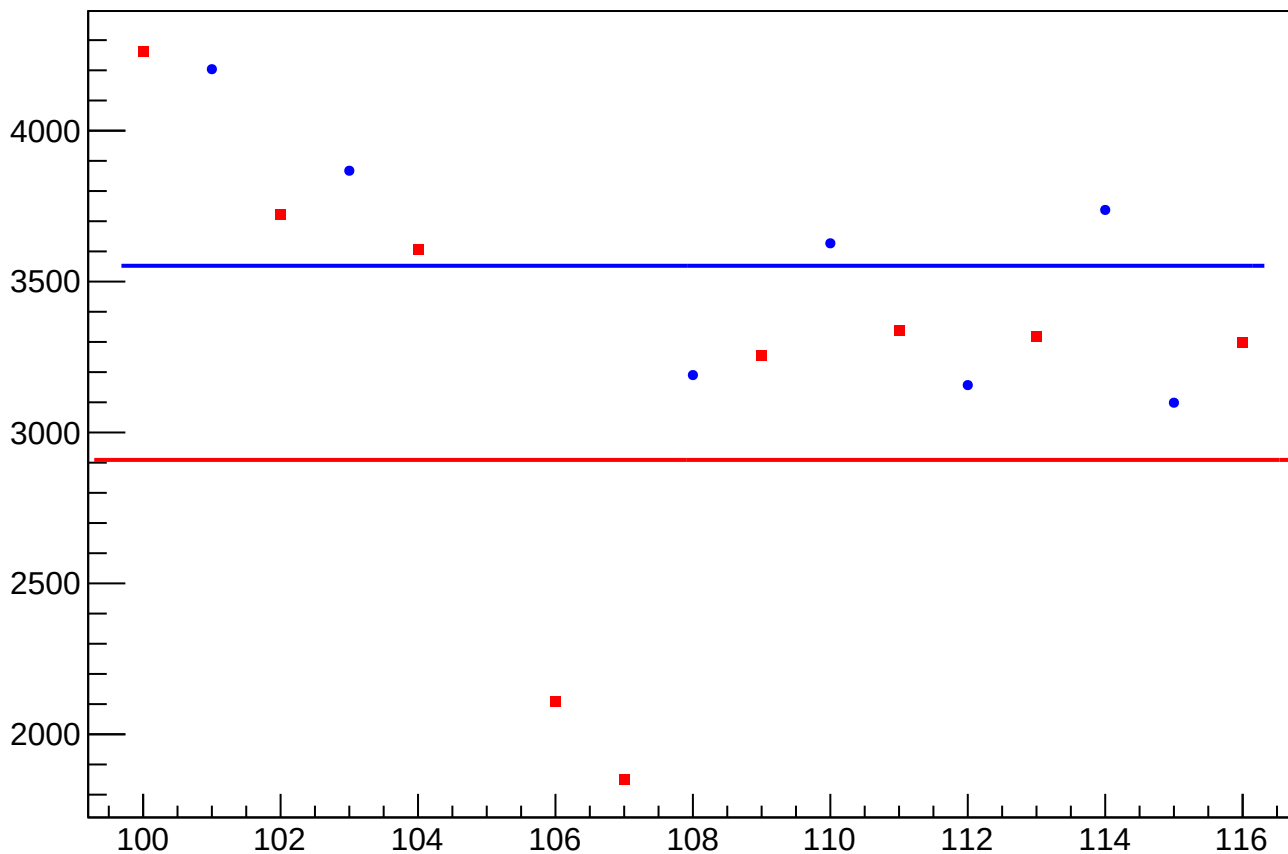
Right: 1197.712+/-1282.483 χ^2/NDF : 15.3/15

In: 3718.239+/-2143.568 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.712+/-1282.483 χ^2/NDF : 15.3/15

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3552.370+/-1.516 χ^2/NDF : 72175.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2909.111+/-1.132 χ^2/NDF : 413923.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

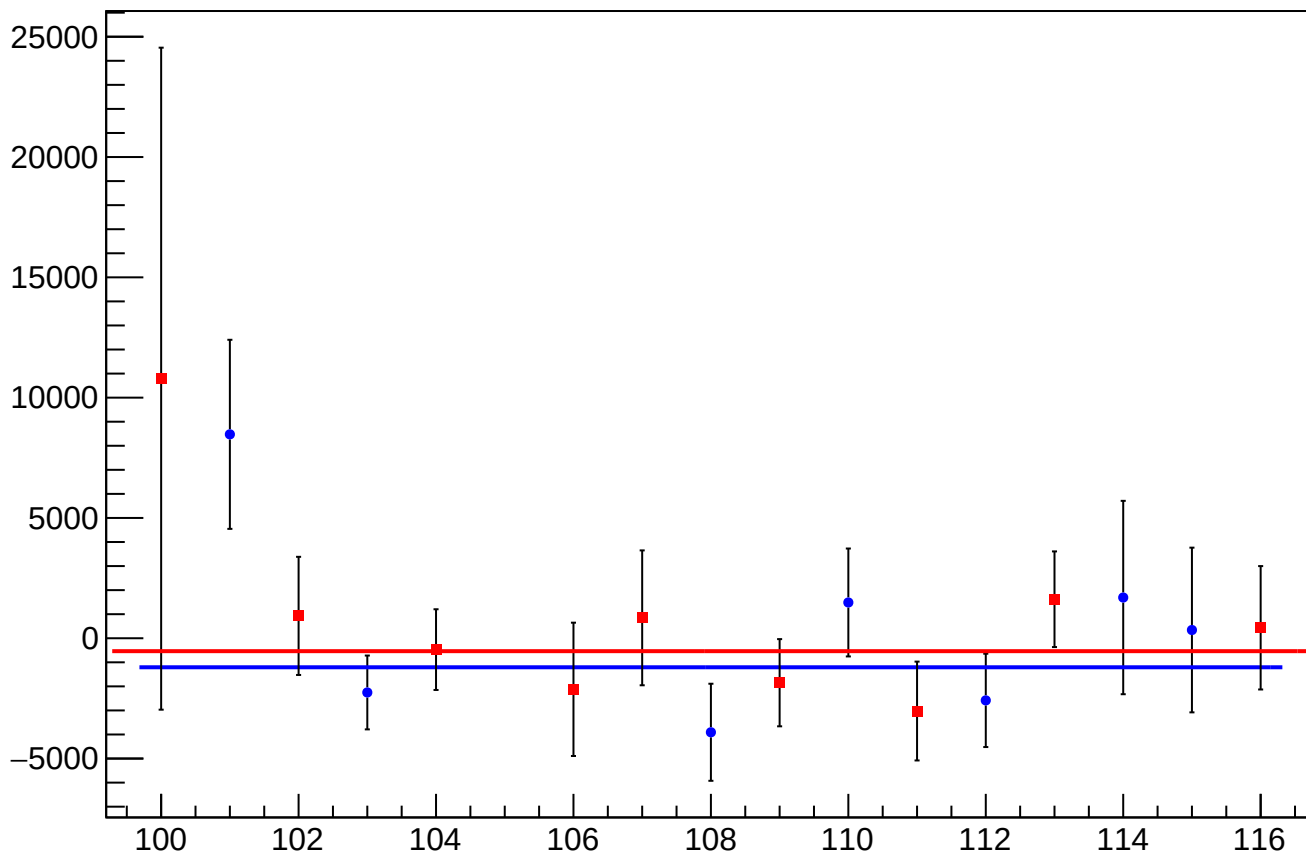
Right: 3139.369+/-0.907 χ^2/NDF : 601734.7/15

In: 3552.370+/-1.516 χ^2/NDF : 72175.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.369+/-0.907 χ^2/NDF : 601734.7/15

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1206.325+/-861.532 χ^2/NDF : 11.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -536.726+/-760.116 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

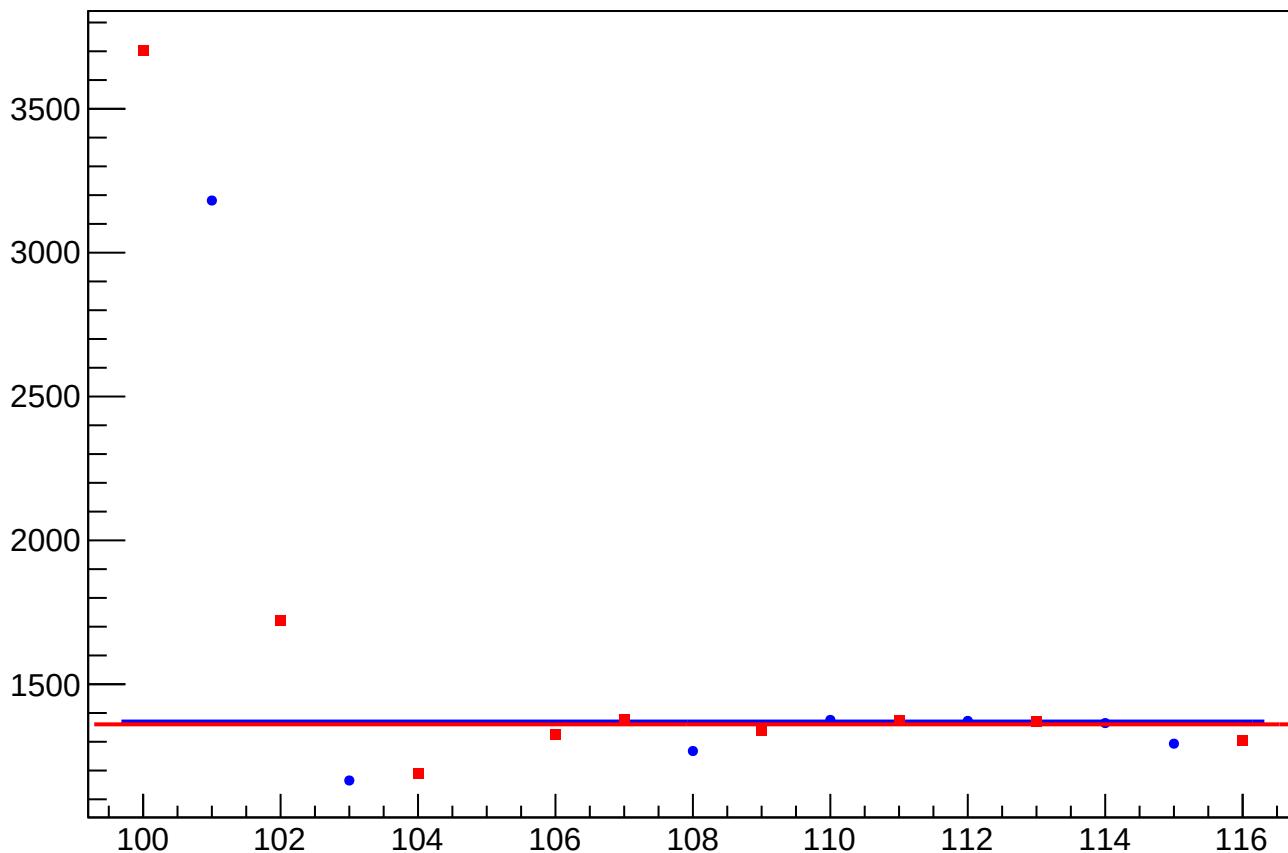
Right: -829.813+/-569.983 χ^2/NDF : 16.3/15

In: -1206.325+/-861.532 χ^2/NDF :11.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -829.813+/-569.983 χ^2/NDF : 16.3/15

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

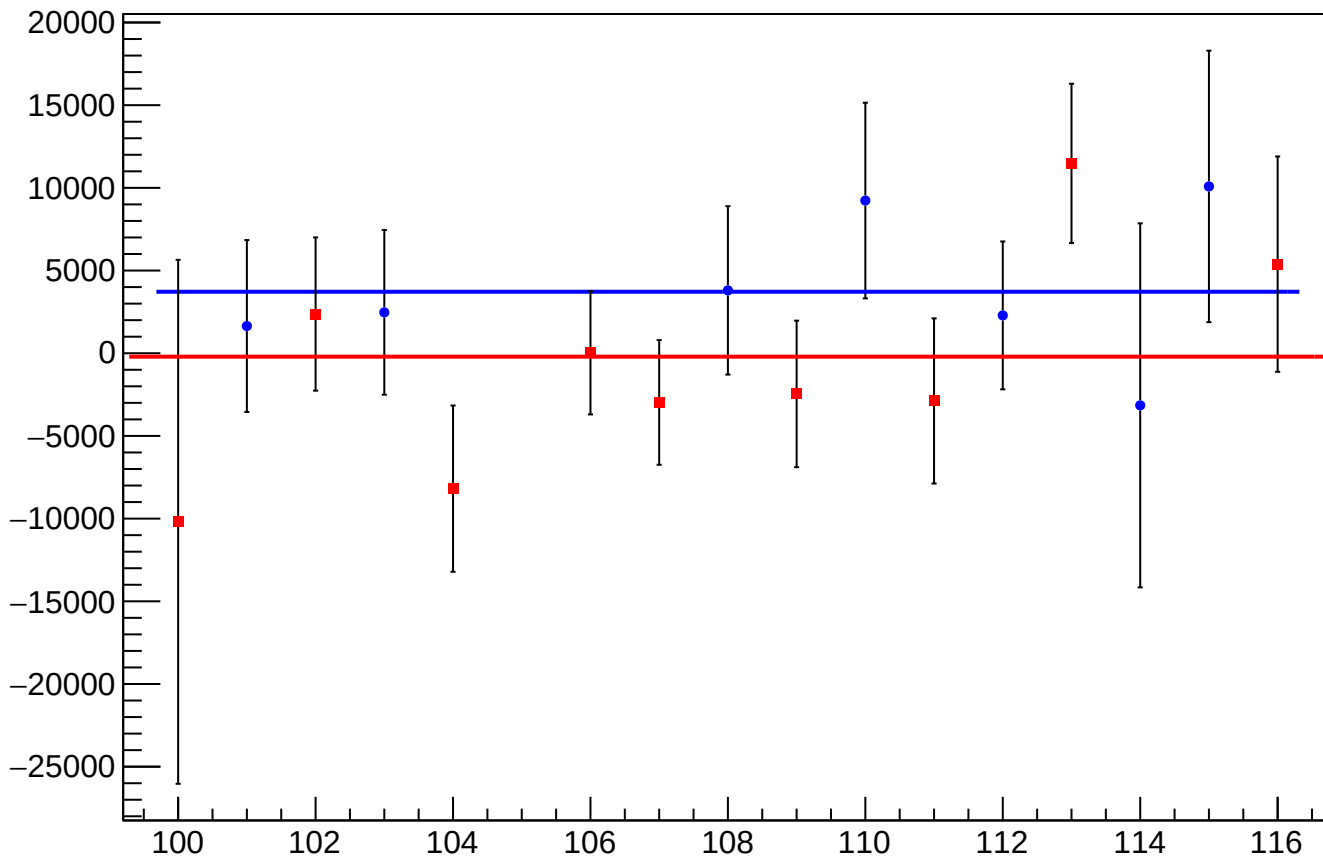
Right: 1364.787+/-0.403 χ^2/NDF : 590421.4/15

In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.787+/-0.403 χ^2/NDF : 590421.4/15

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3718.238+/-2143.564 χ^2 /NDF: 2.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -207.546+/-1600.545 χ^2 /NDF: 10.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

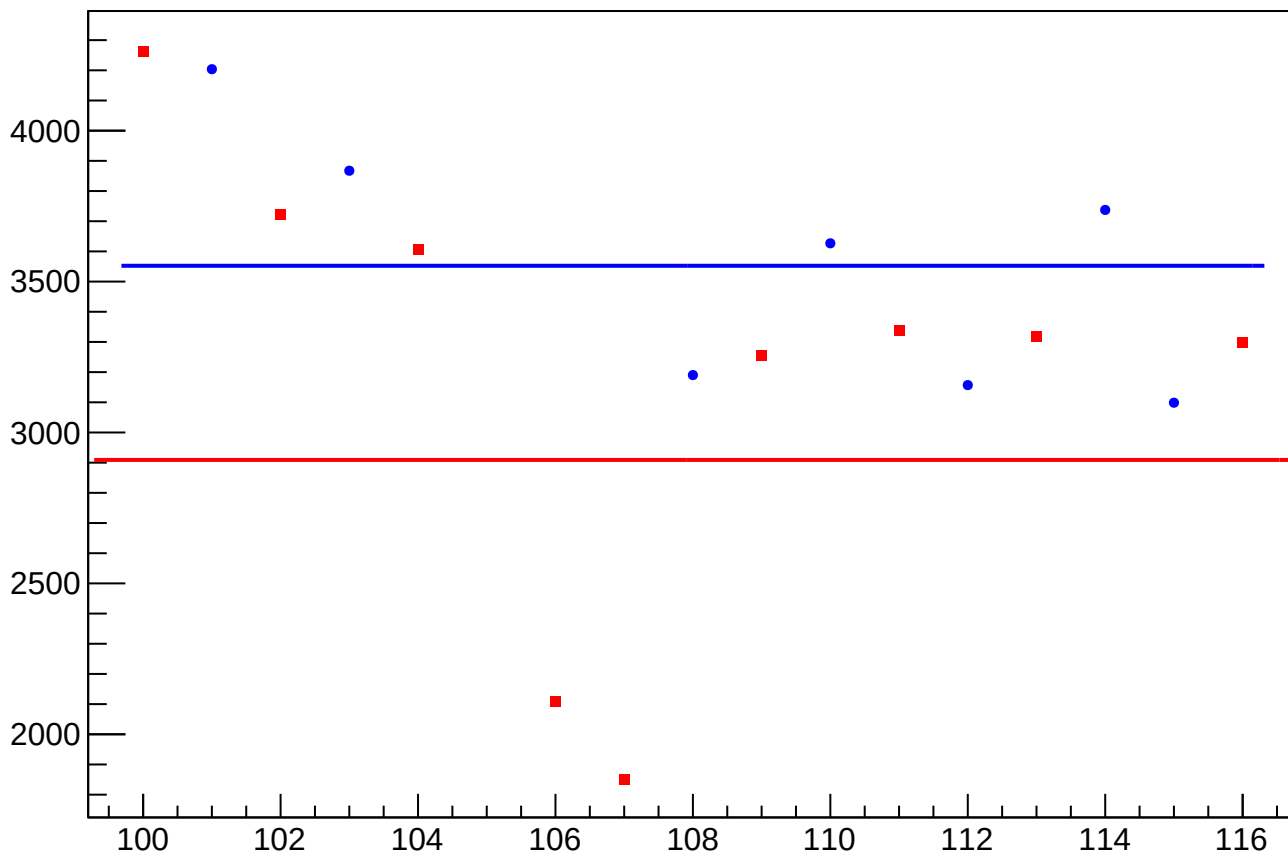
Right: 1197.708+/-1282.480 χ^2 /NDF: 15.3/15

In: 3718.238+/-2143.564 χ^2 /NDF:2.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1197.708+/-1282.480 χ^2 /NDF: 15.3/15

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3552.364+/-1.516 χ^2/NDF : 72176.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2909.105+/-1.132 χ^2/NDF : 413925.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

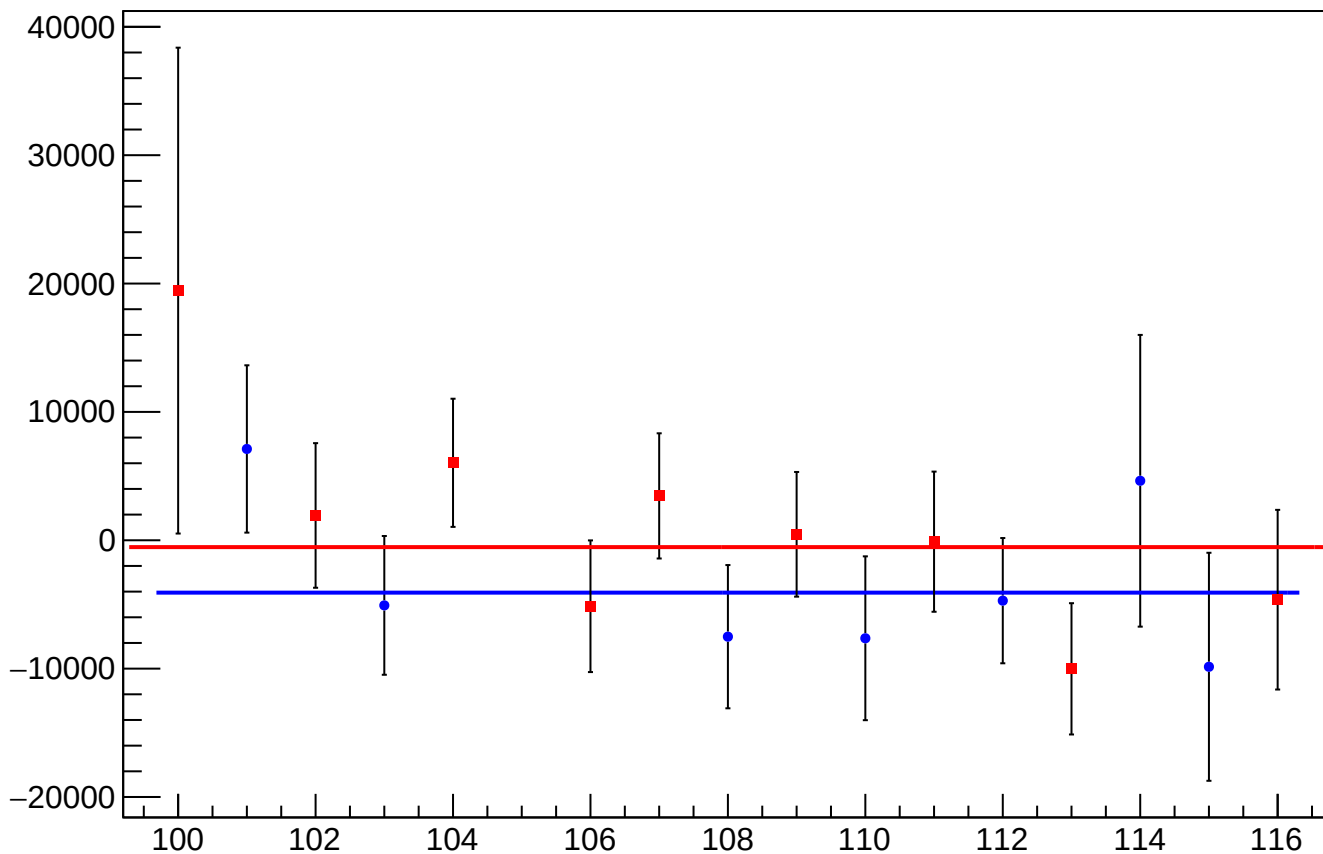
Right: 3139.363+/-0.907 χ^2/NDF : 601738.6/15

In: 3552.364+/-1.516 χ^2/NDF : 72176.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.363+/-0.907 χ^2/NDF : 601738.6/15

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -4079.672+/-2377.897 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -533.002+/-1859.879 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

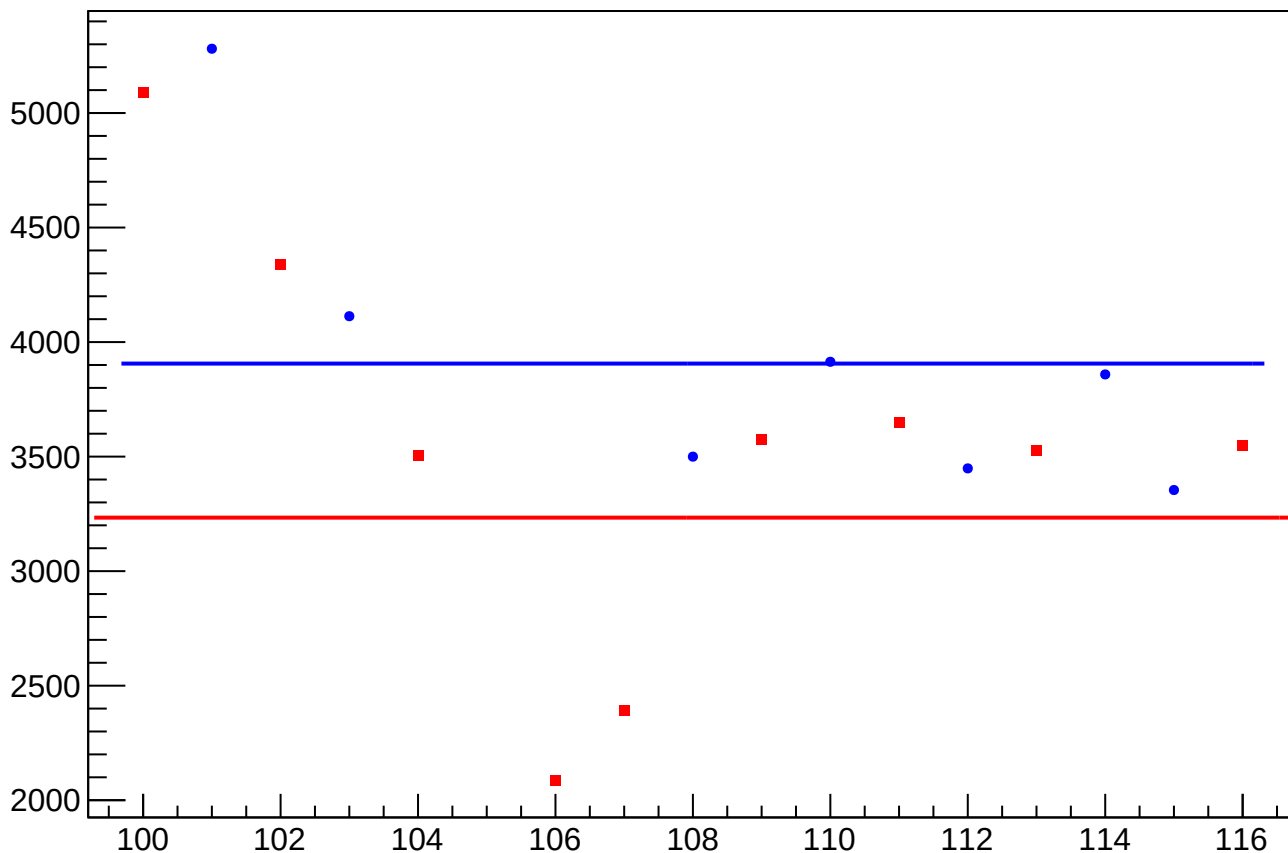
Right: -1879.181+/-1464.988 χ^2/NDF : 14.4/15

In: -4079.672+/-2377.897 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1879.181+/-1464.988 χ^2/NDF : 14.4/15

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3906.115+/-1.681 χ^2/NDF : 127826.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3233.605+/-1.281 χ^2/NDF : 334027.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

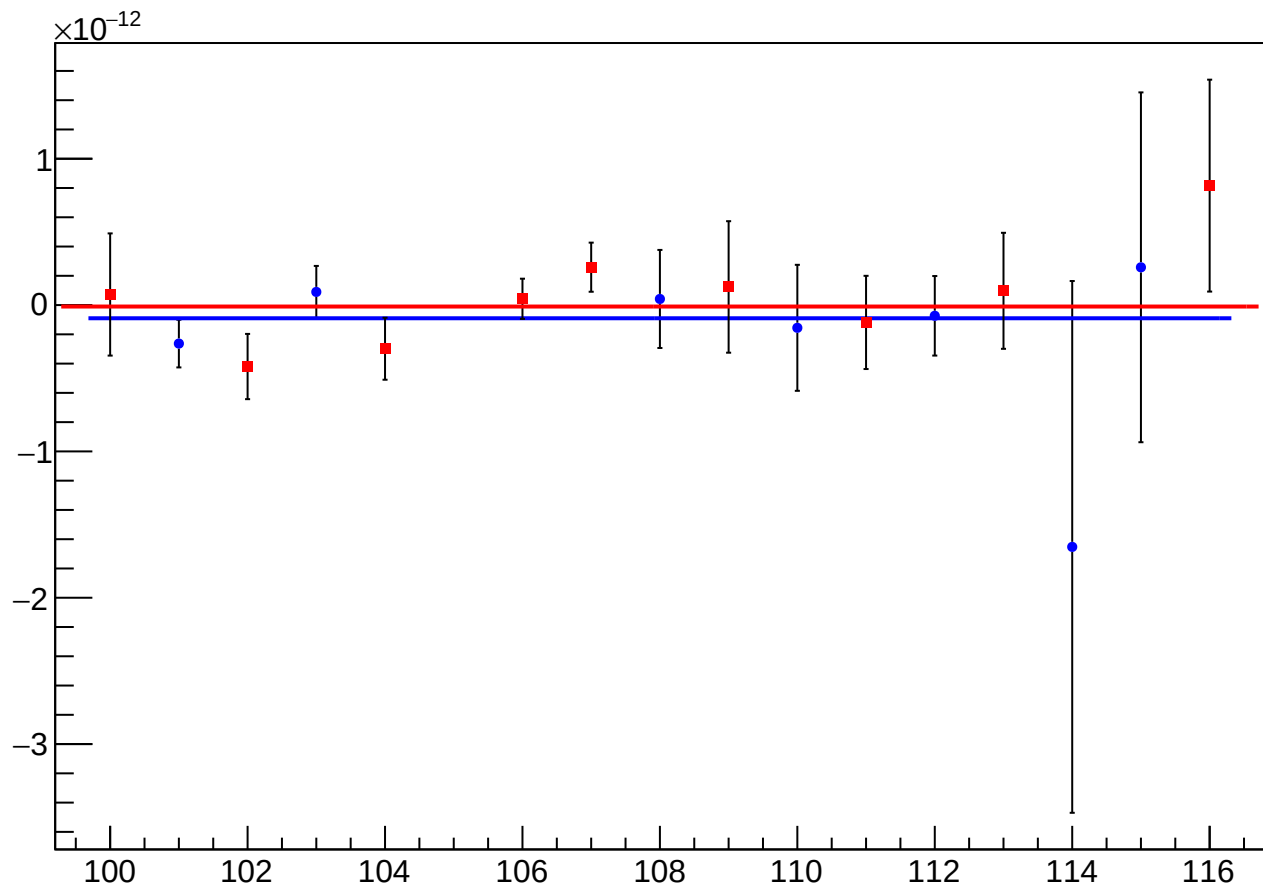
Right: 3480.606+/-1.019 χ^2/NDF : 563075.4/15

In: 3906.115+/-1.681 χ^2/NDF : 127826.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3480.606+/-1.019 χ^2/NDF : 563075.4/15

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

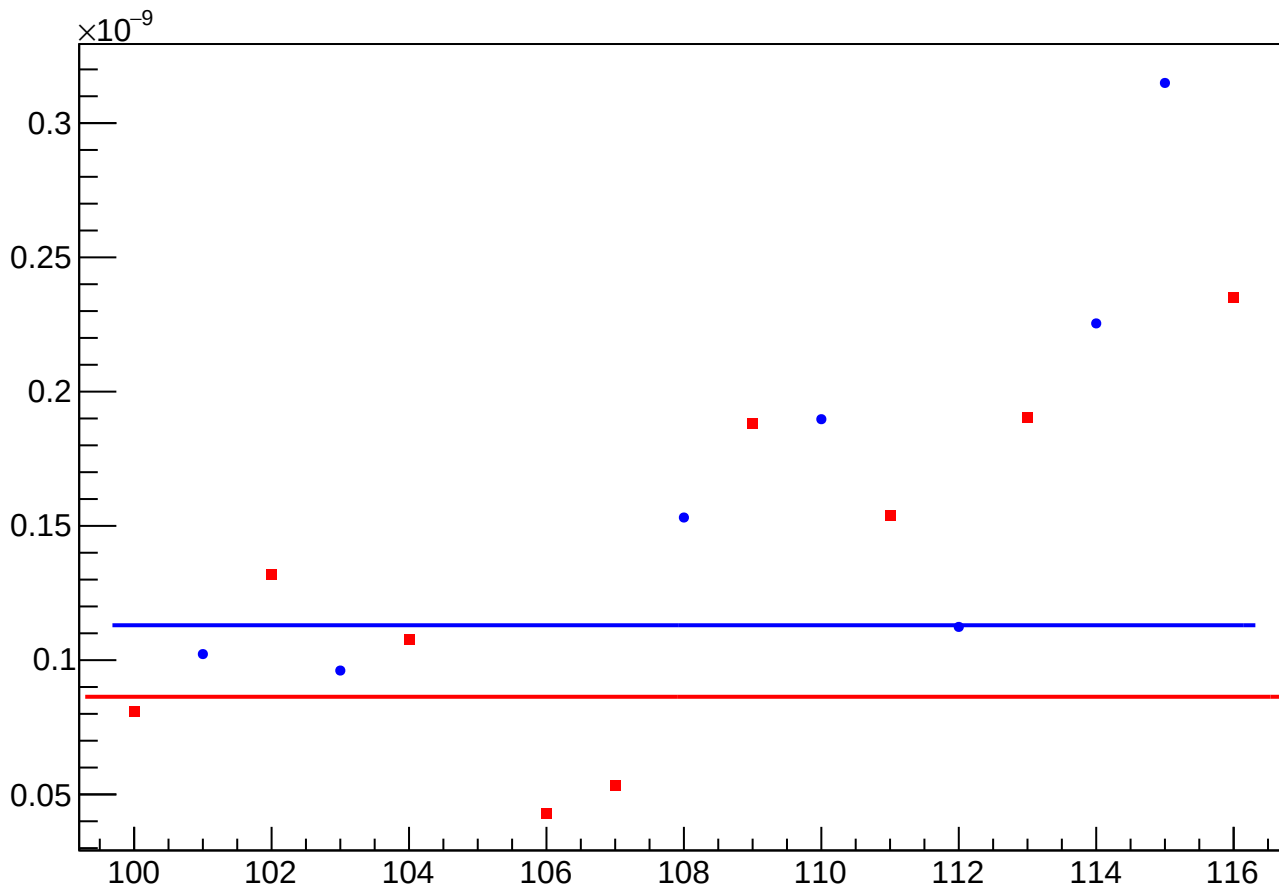
Right: -0.000+/-0.000 χ^2 /NDF: 13.1/15

In: -0.000+/-0.000 χ^2 /NDF:3.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.1/15

asym_atl_dd_atr_dd_avg_reg_vs_slug_Sign_Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 183685.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 795761.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

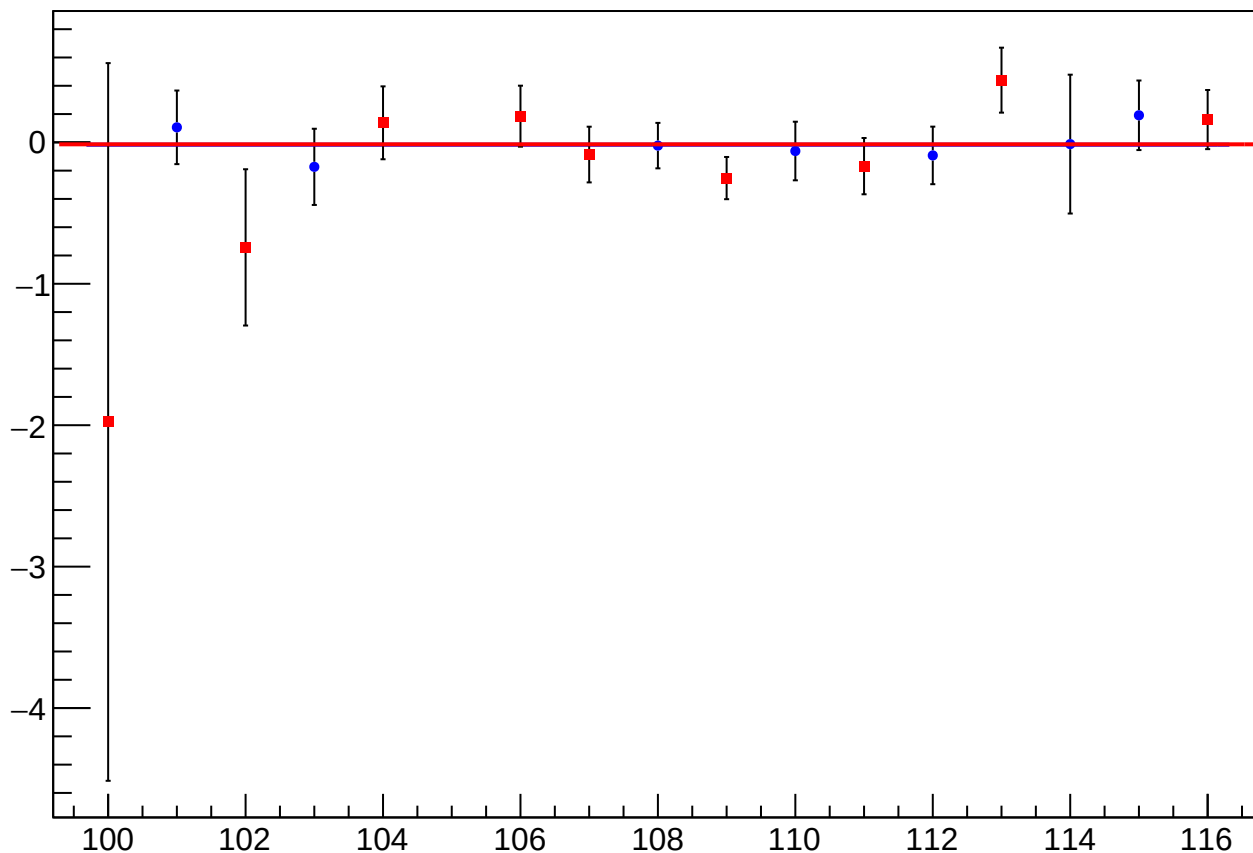
Right: 0.000+/-0.000 χ^2/NDF : 1065735.8/15

In: 0.000+/-0.000 χ^2/NDF : 183685.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1065735.8/15

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

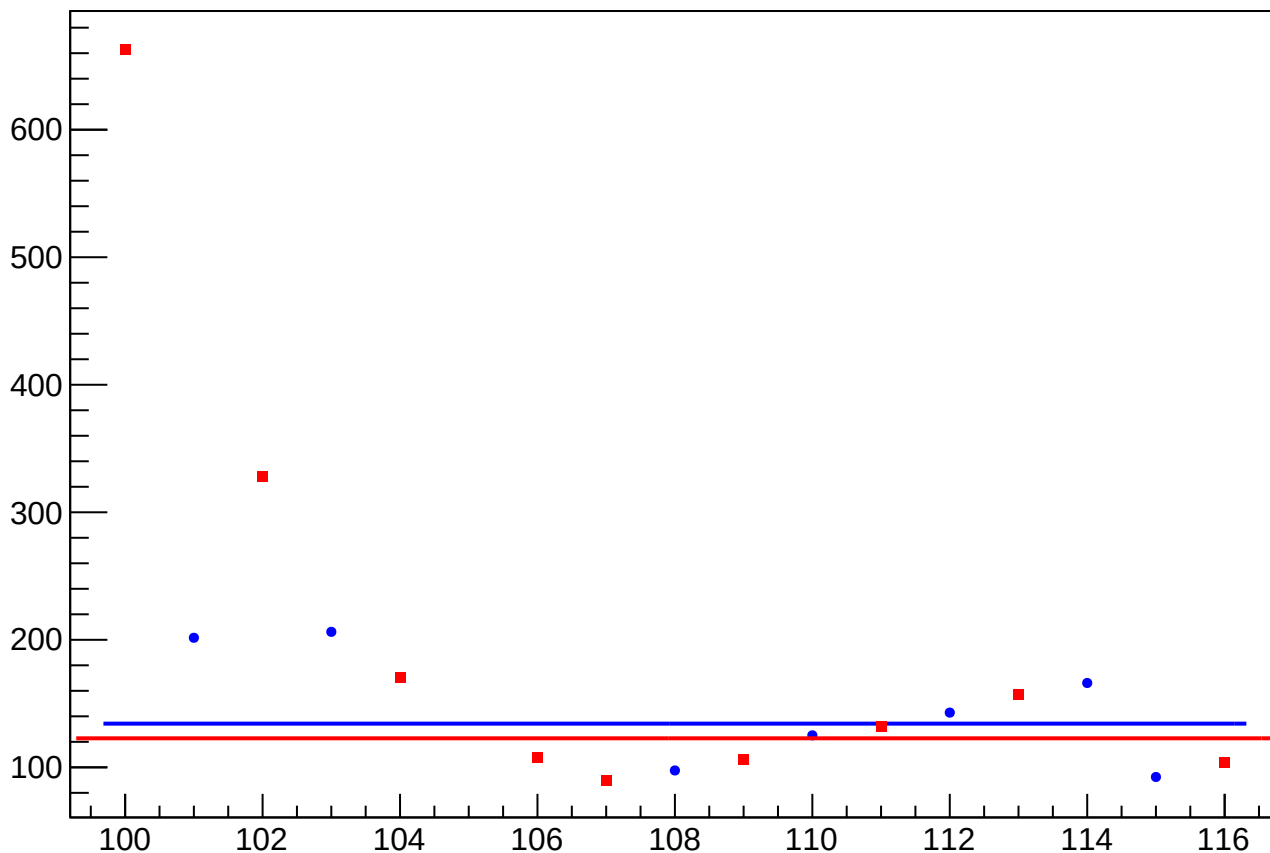
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.761+/-0.053 χ^2/NDF : 591884.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

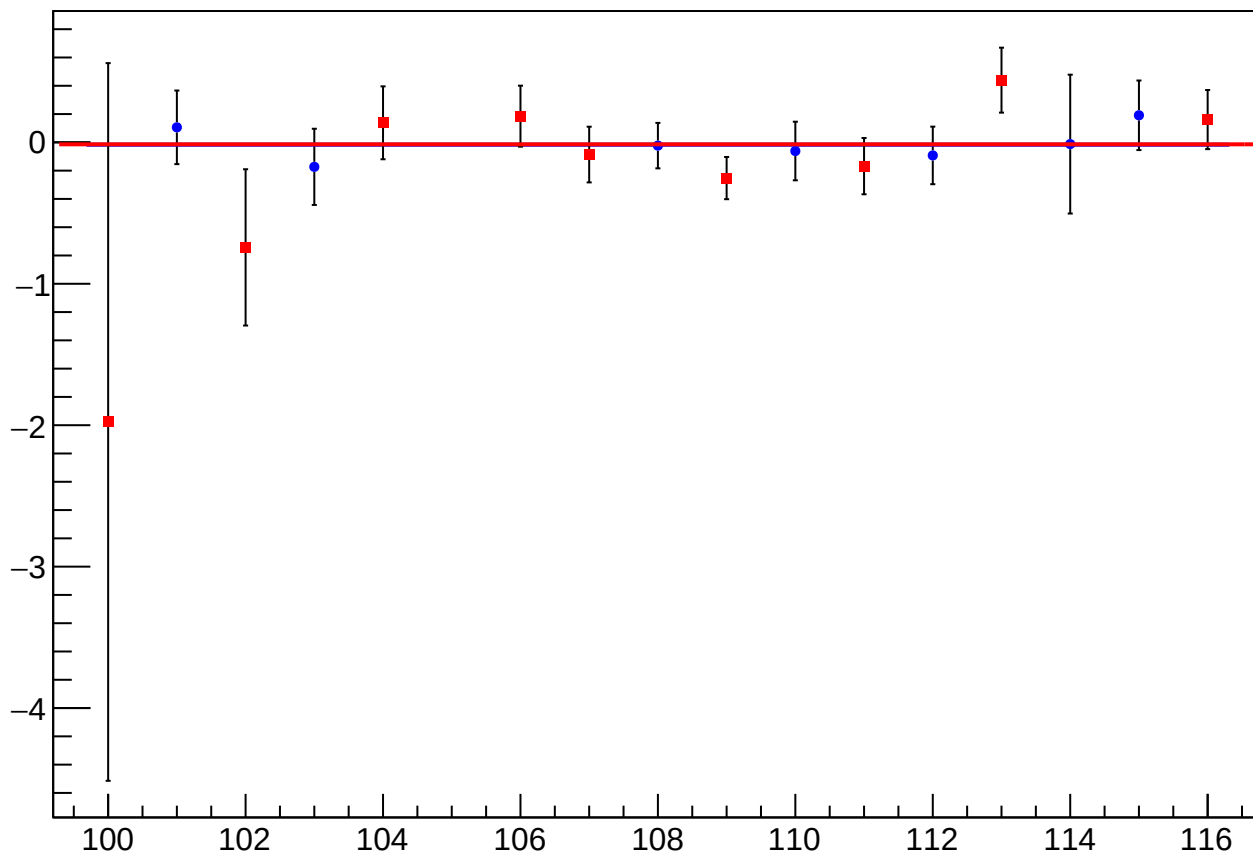
Right: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

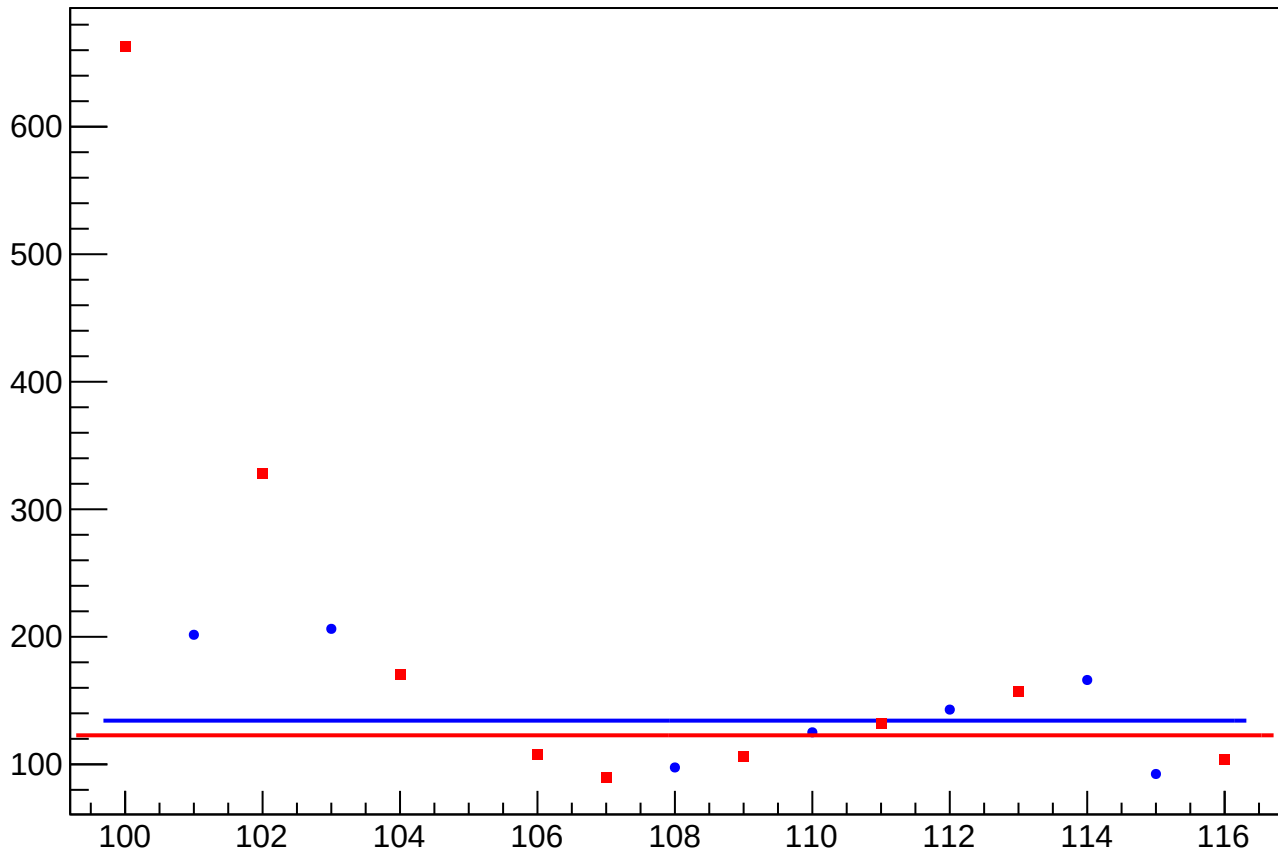
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.761+/-0.053 χ^2/NDF : 591884.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

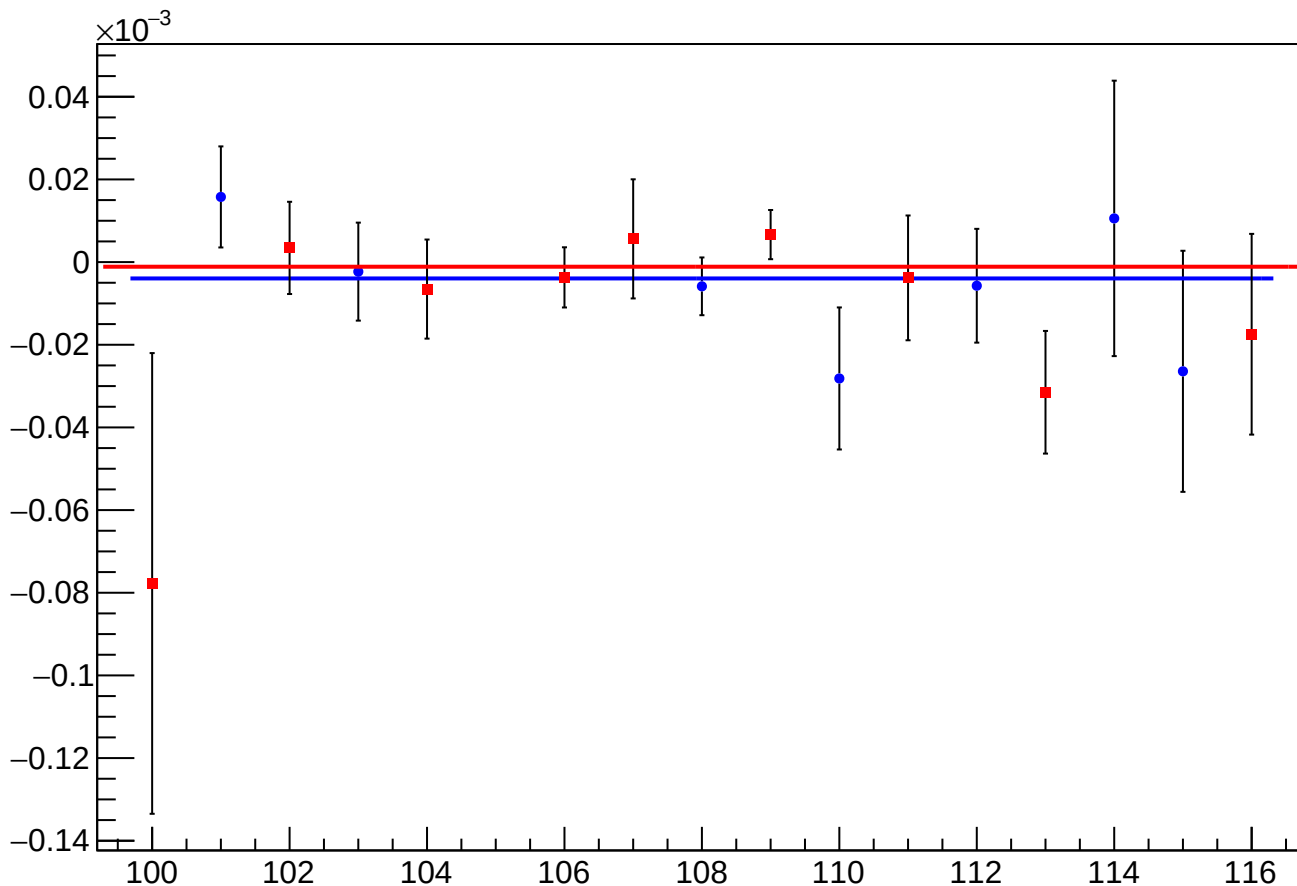
Right: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 5.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 9.0/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

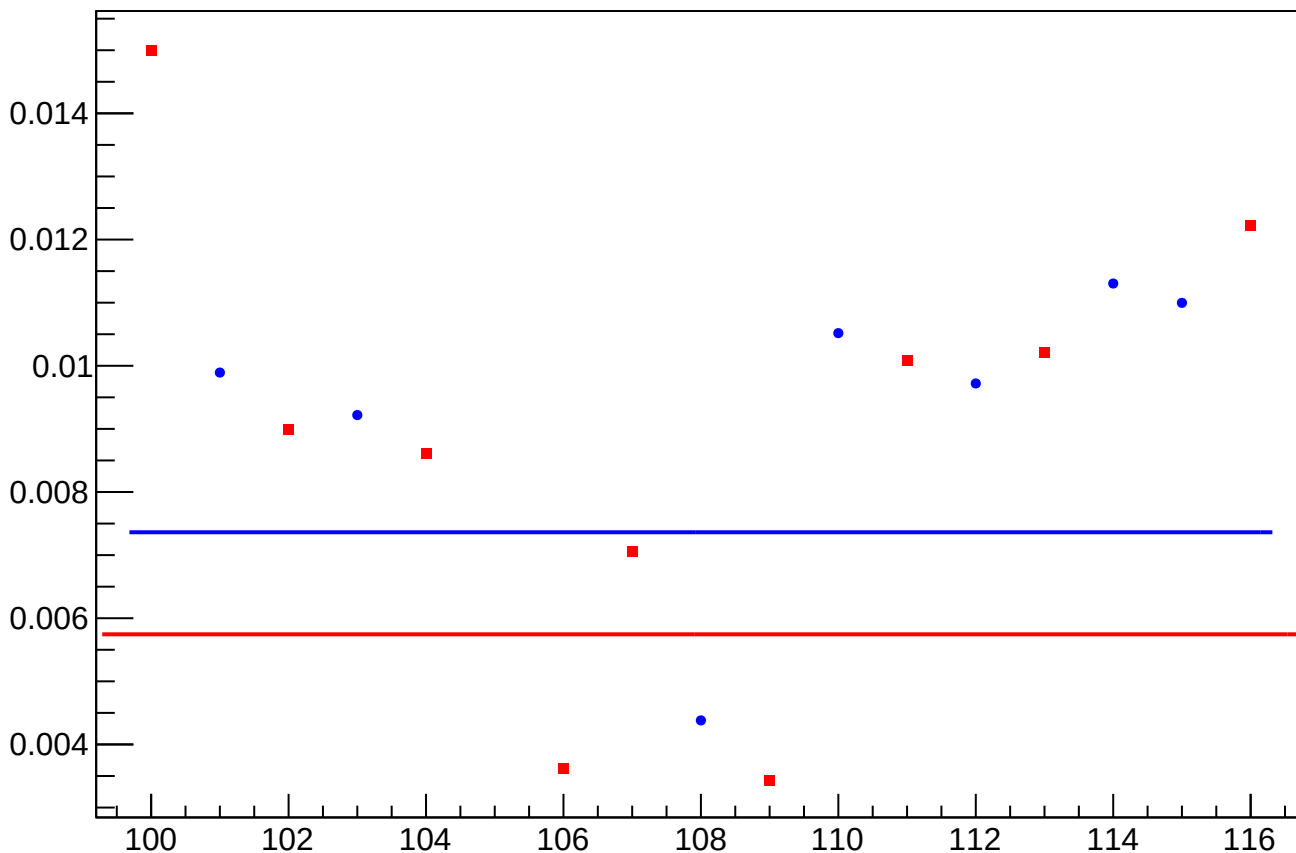
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 14.7/15

In: -0.000 $\pm$ 0.000 χ^2/NDF : 5.5/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 14.7/15

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 : 684315.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1318996.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

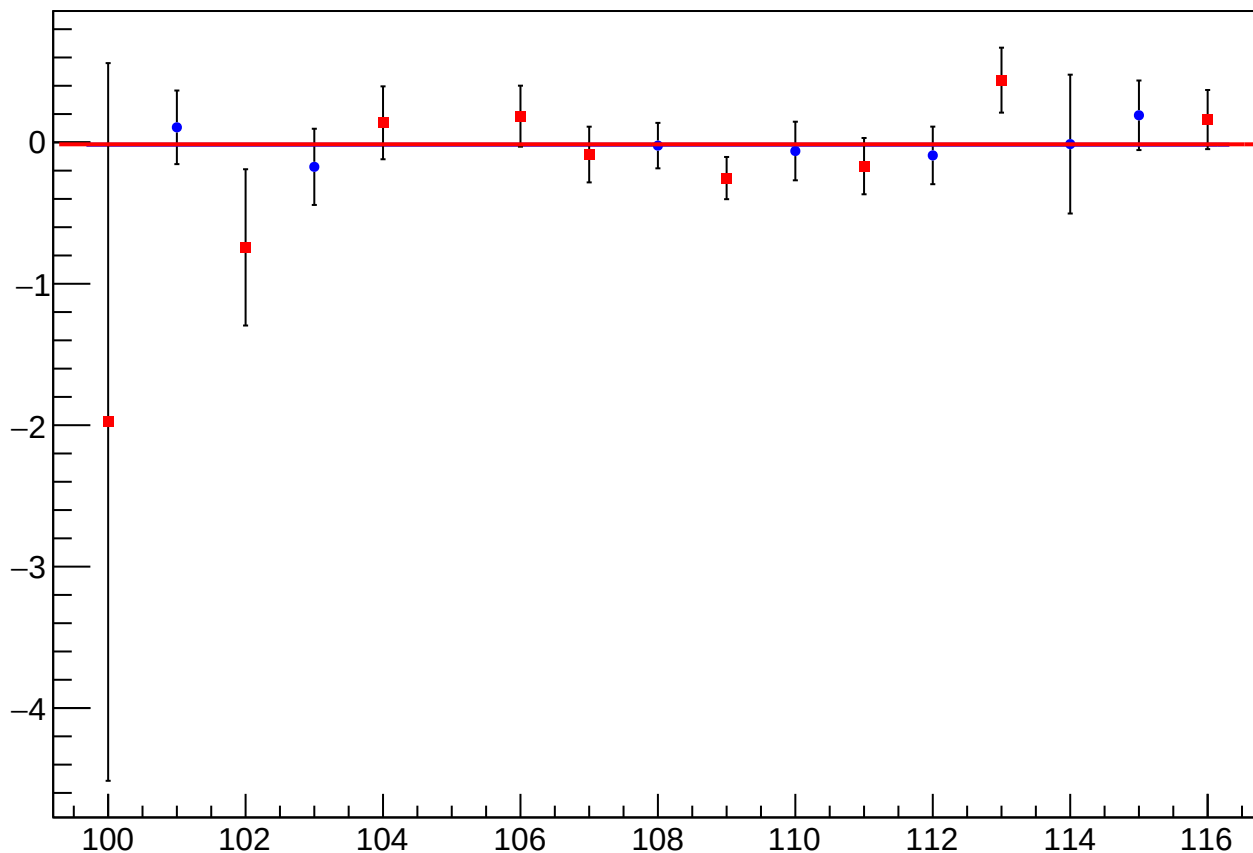
Right: 0.006+/-0.000 χ^2/NDF : 2152541.0/15

In: 0.007+/-0.000 χ^2/NDF :684315.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2152541.0/15

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.086 χ^2/NDF : 1.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.075 χ^2/NDF : 11.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

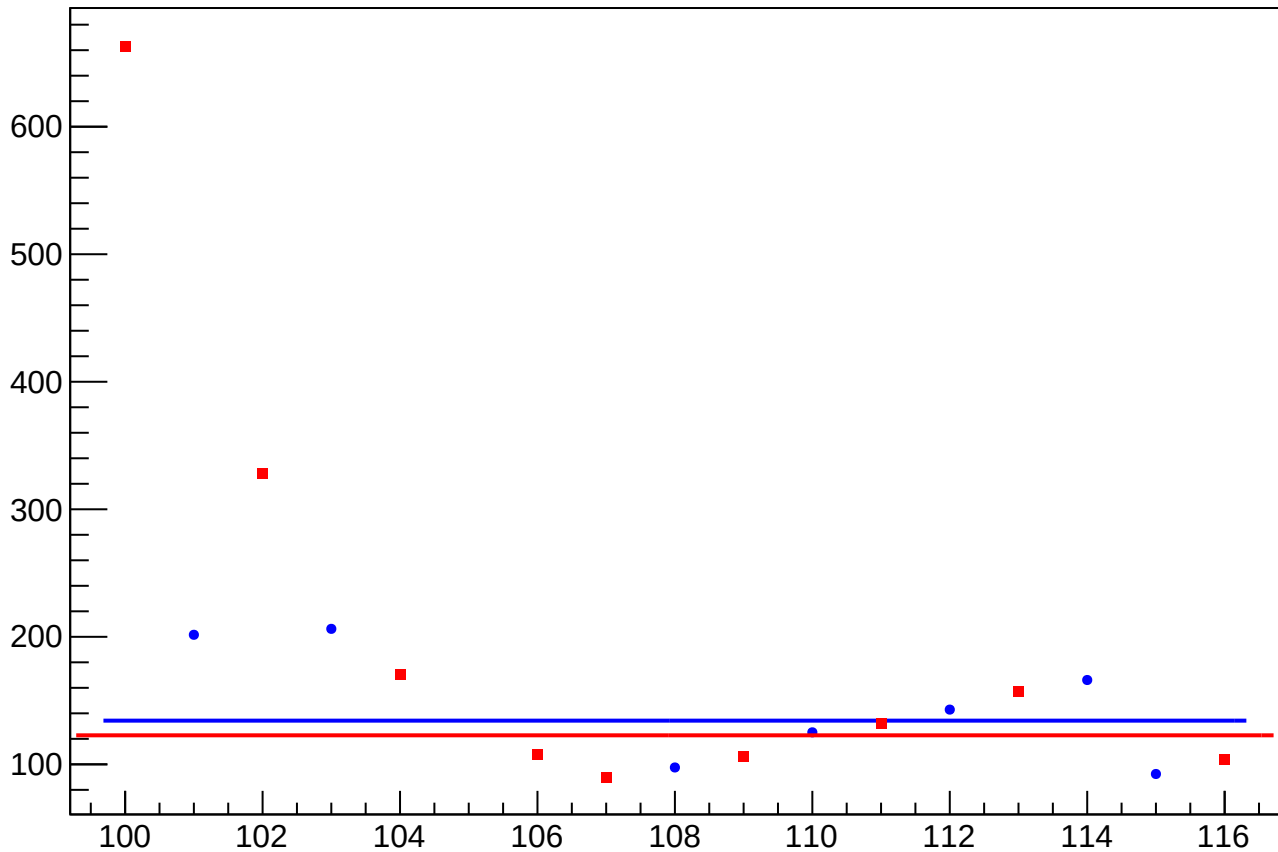
Right: -0.015 ± 0.057 χ^2/NDF : 12.9/15

In: -0.017 ± 0.086 χ^2/NDF : 1.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.057 χ^2/NDF : 12.9/15

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.763+/-0.053 χ^2/NDF : 591838.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

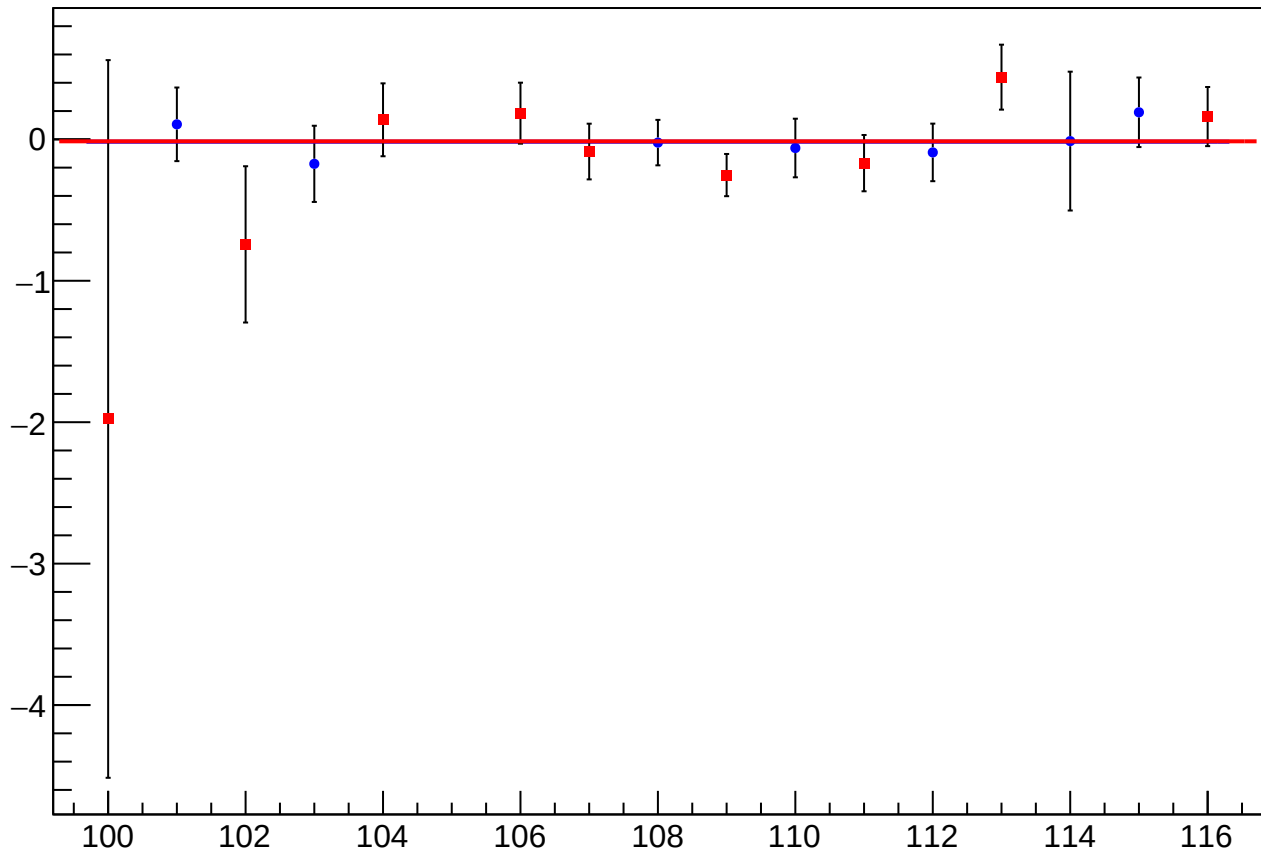
Right: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.086 $\chi^2/\text{NDF}: 1.5/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.014 ± 0.075 $\chi^2/\text{NDF}: 11.4/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

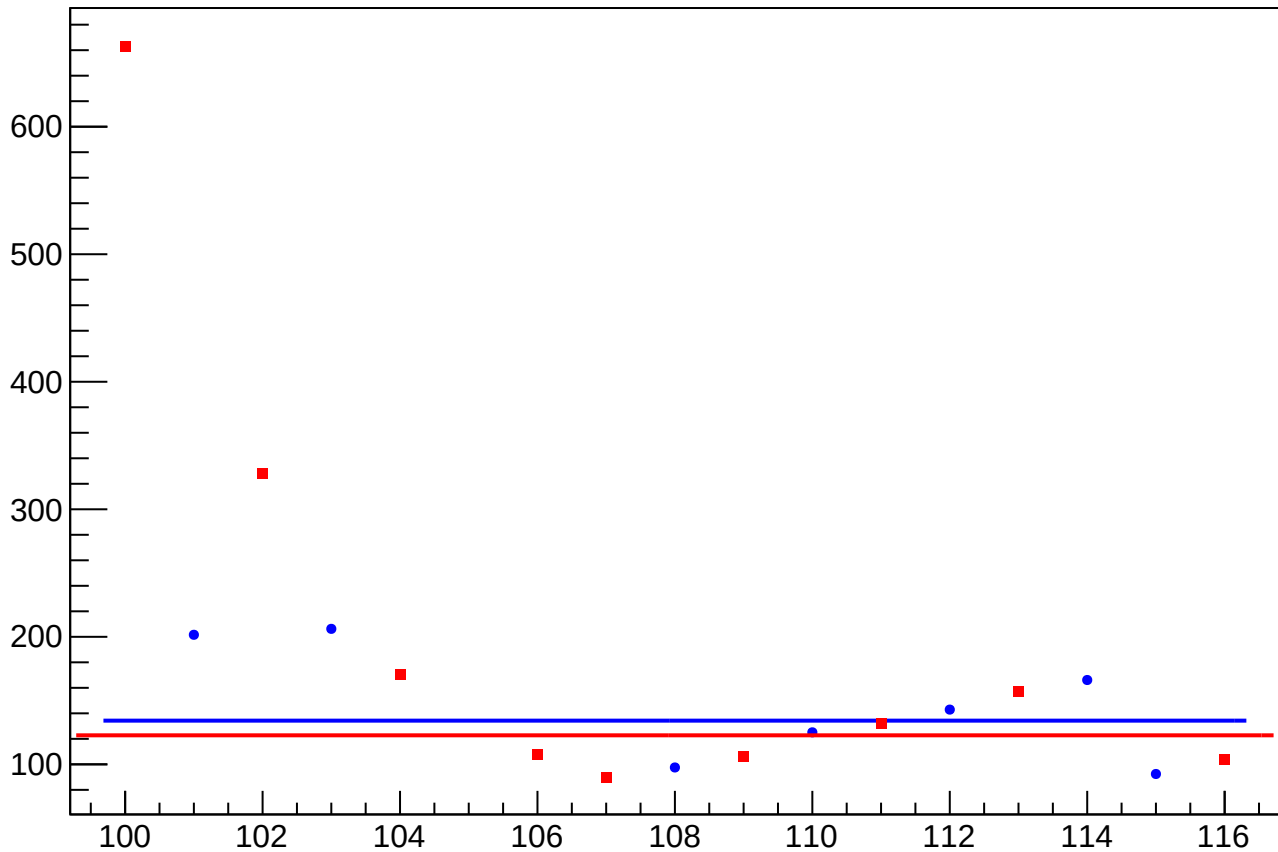
Right: -0.015 ± 0.057 $\chi^2/\text{NDF}: 12.9/15$

In: -0.017 ± 0.086 $\chi^2/\text{NDF}: 1.5/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.015 ± 0.057 $\chi^2/\text{NDF}: 12.9/15$

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.763+/-0.053 χ^2/NDF : 591838.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

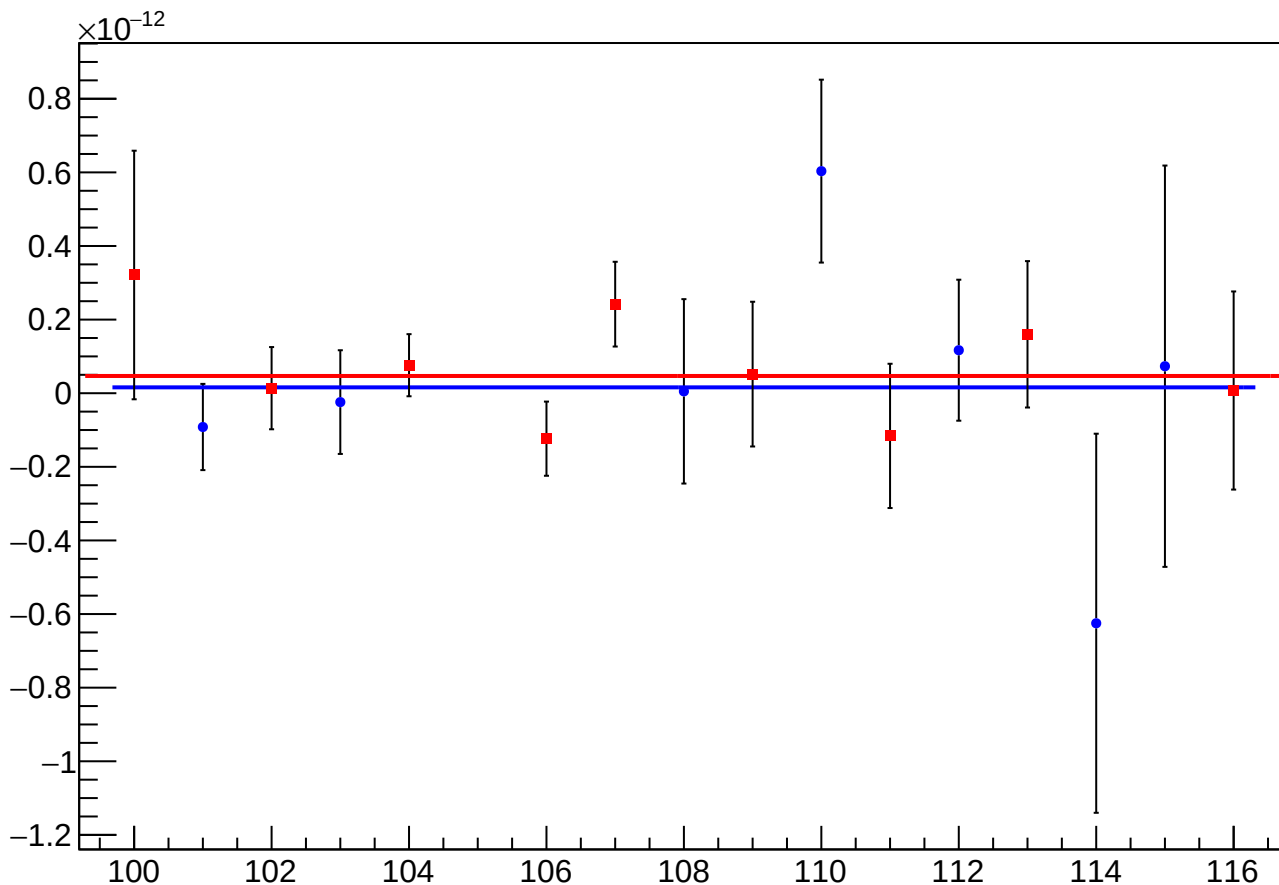
Right: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

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 : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

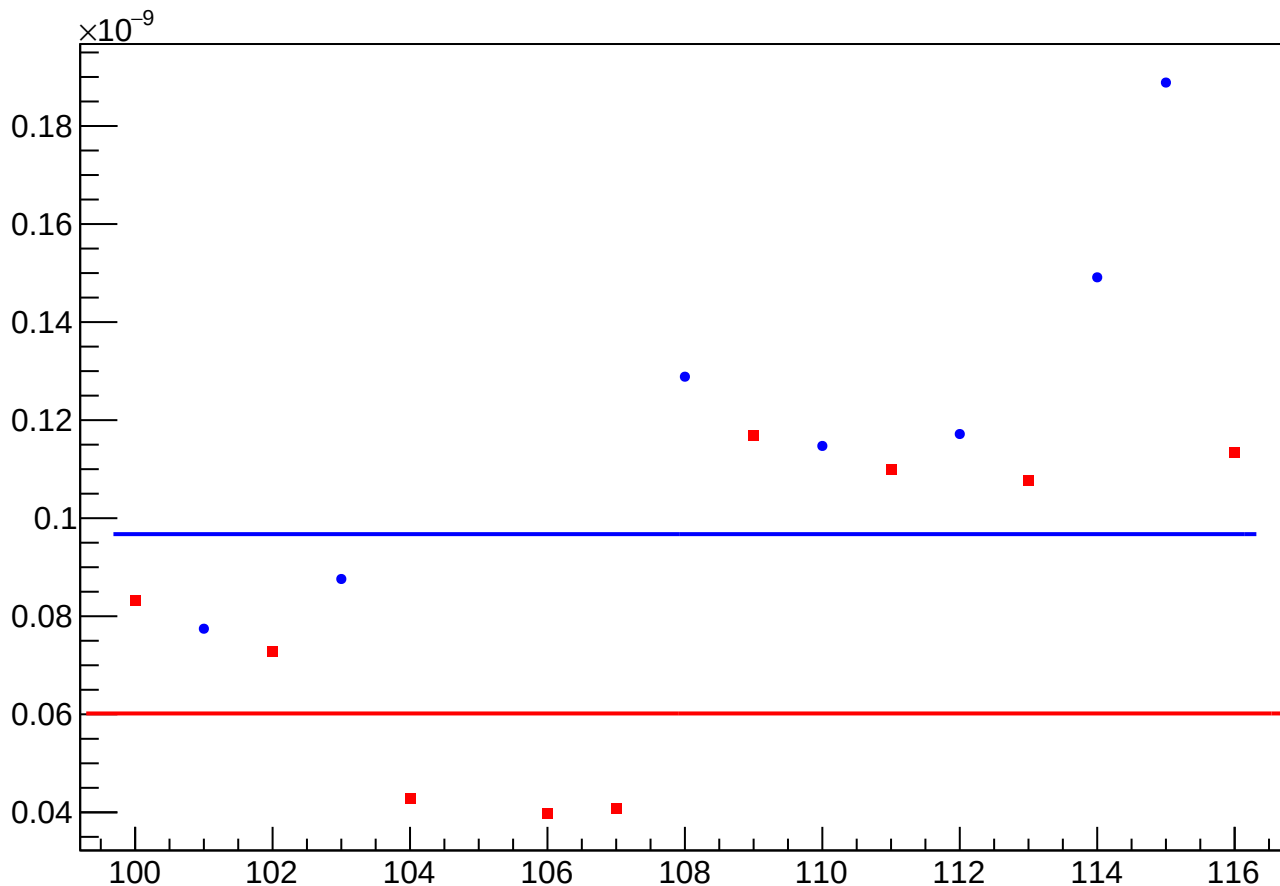
Right: 0.000+/-0.000 χ^2/NDF : 16.1/15

In: 0.000+/-0.000 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/15

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 : 206570.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745869.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

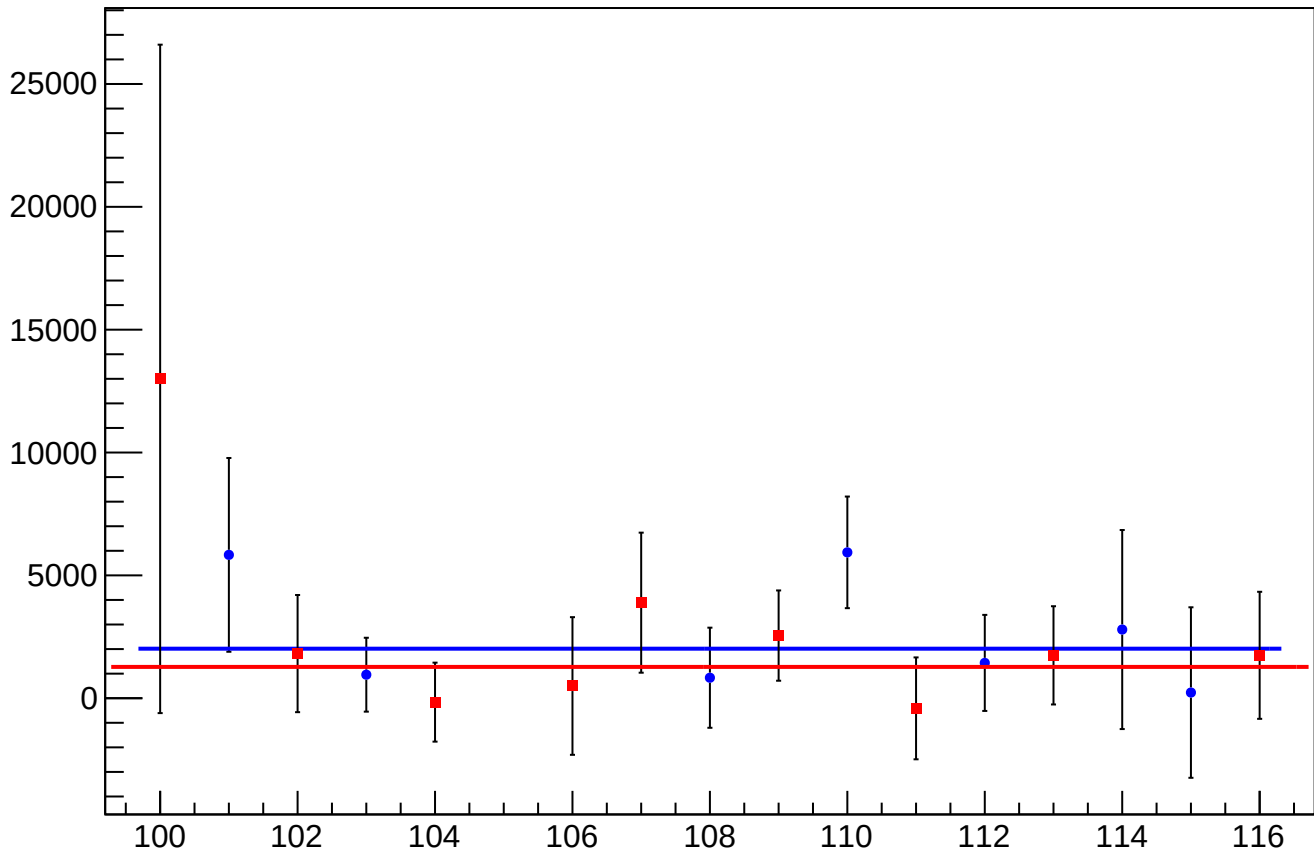
Right: 0.000+/-0.000 χ^2/NDF : 1319441.0/15

In: 0.000+/-0.000 χ^2/NDF : 206570.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319441.0/15

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2016.062+/-861.624 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.381+/-756.477 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

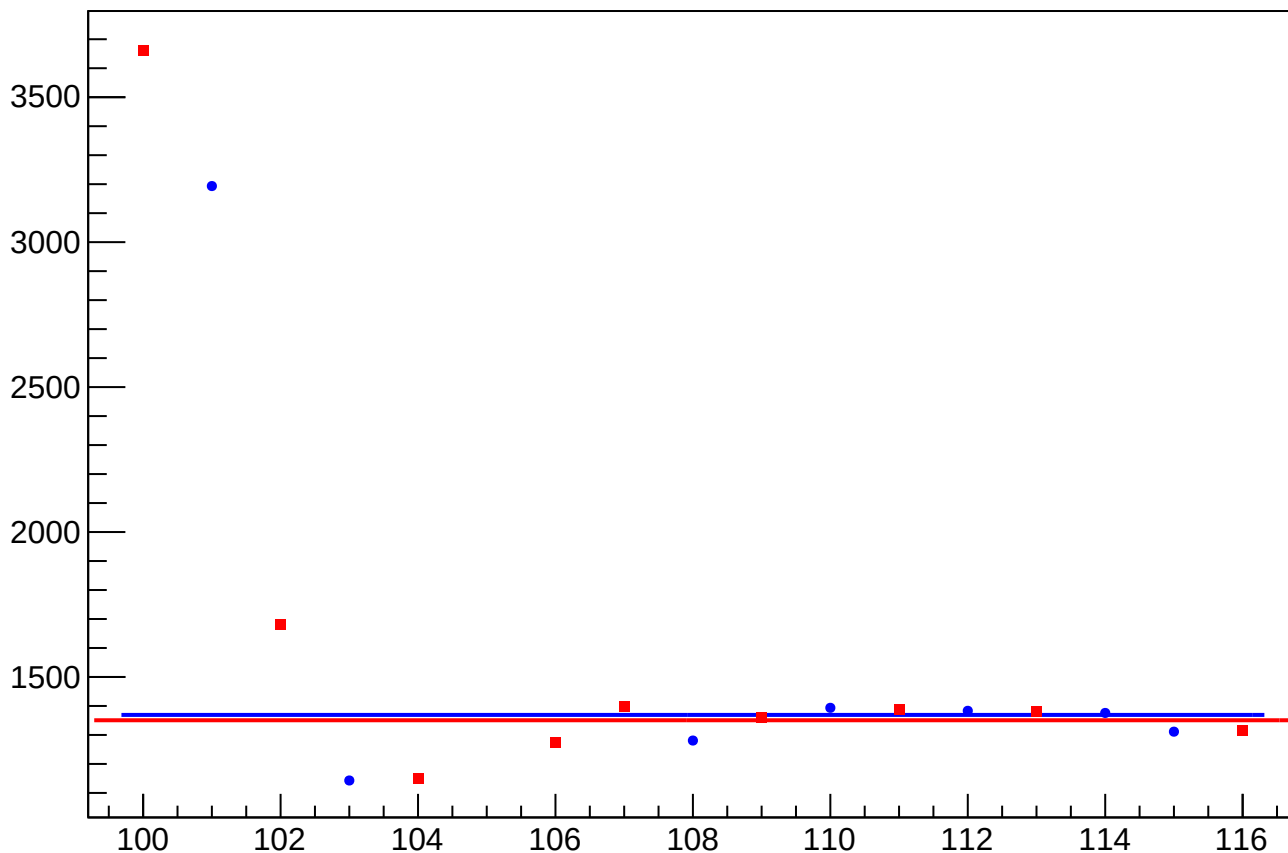
Right: 1597.228+/-568.471 χ^2/NDF : 9.3/15

In: 2016.062+/-861.624 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.228+/-568.471 χ^2/NDF : 9.3/15

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1369.147+/-0.609 χ^2/NDF : 478019.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.678+/-0.532 χ^2/NDF : 130775.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

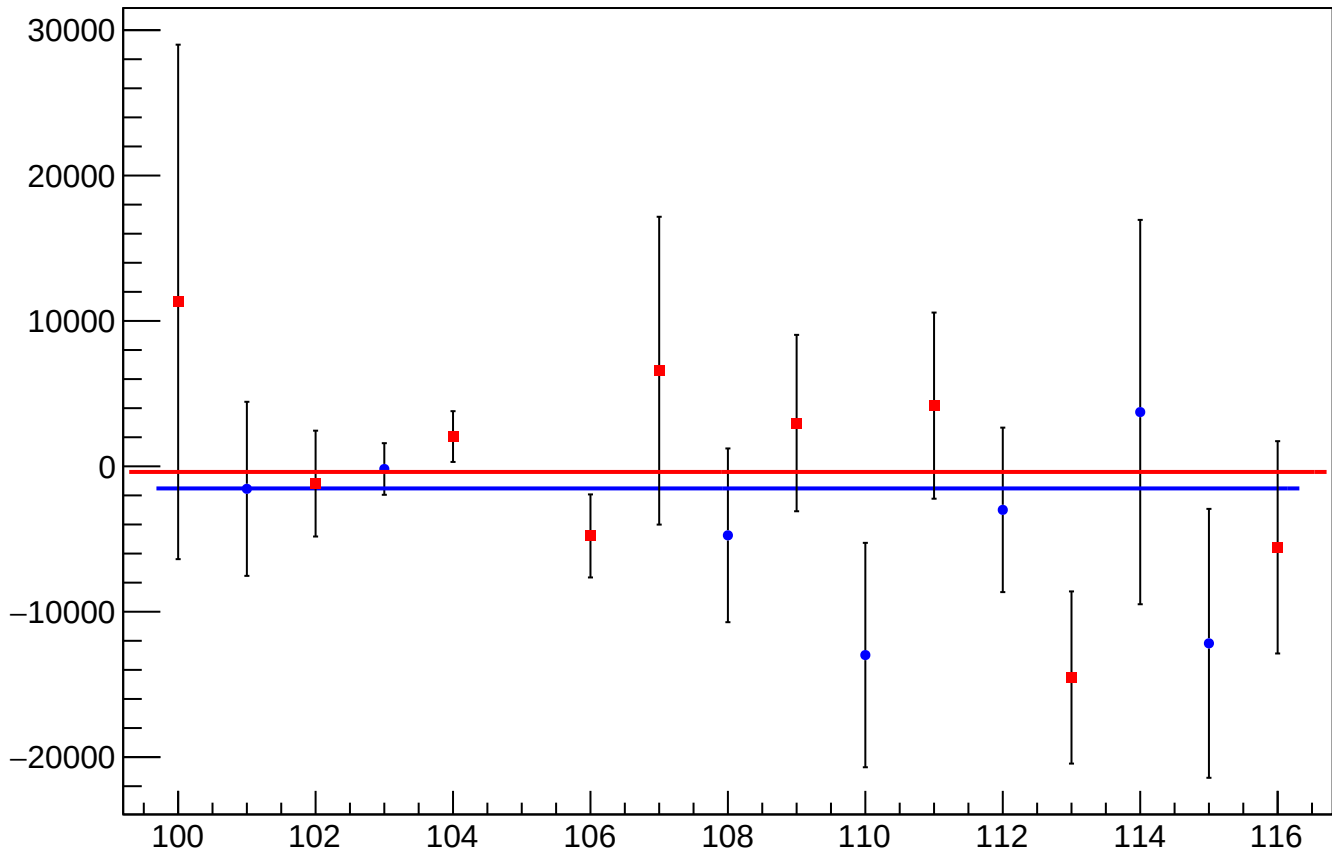
Right: 1358.660+/-0.401 χ^2/NDF : 609316.5/15

In: 1369.147+/-0.609 χ^2/NDF : 478019.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.660+/-0.401 χ^2/NDF : 609316.5/15

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1519.676+/-1509.846 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.066+/-1252.896 χ^2/NDF : 12.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

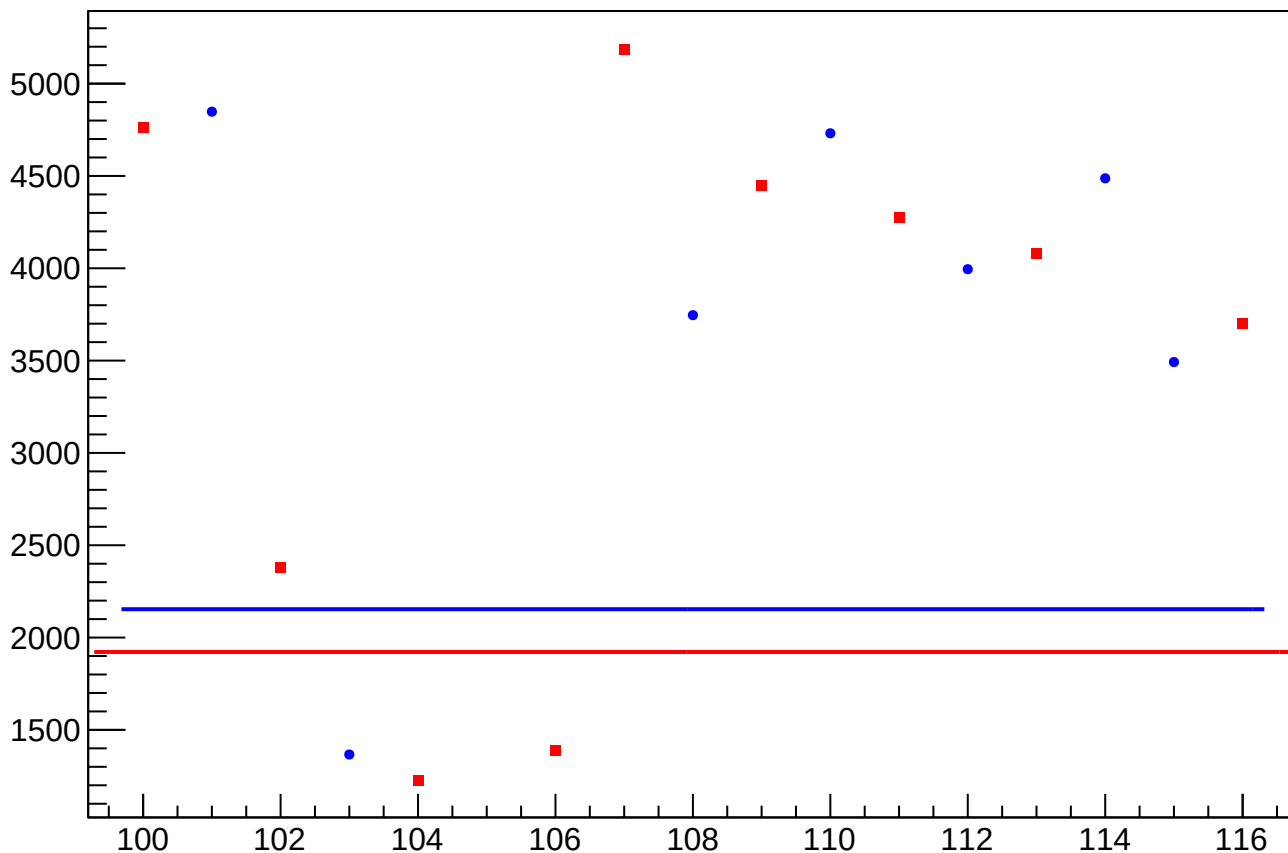
Right: -848.344+/-964.167 χ^2/NDF : 17.2/15

In: -1519.676+/-1509.846 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -848.344+/-964.167 χ^2/NDF : 17.2/15

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2153.597+/-1.068 χ^2/NDF : 1479489.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1922.019+/-0.886 χ^2/NDF : 1663378.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

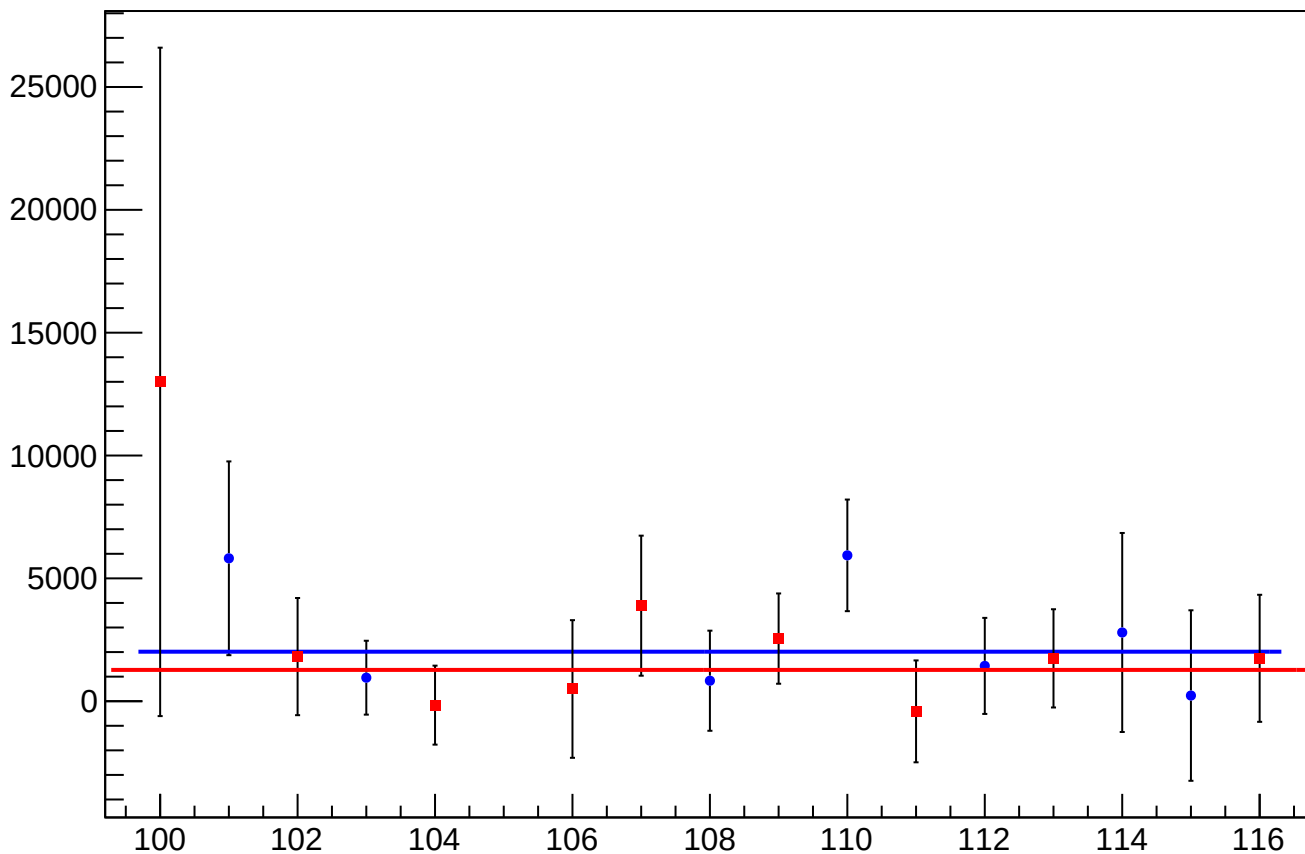
Right: 2016.455+/-0.682 χ^2/NDF : 3170731.2/15

In: 2153.597+/-1.068 χ^2/NDF : 1479489.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2016.455+/-0.682 χ^2/NDF : 3170731.2/15

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2015.385+/-861.625 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.018+/-756.477 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

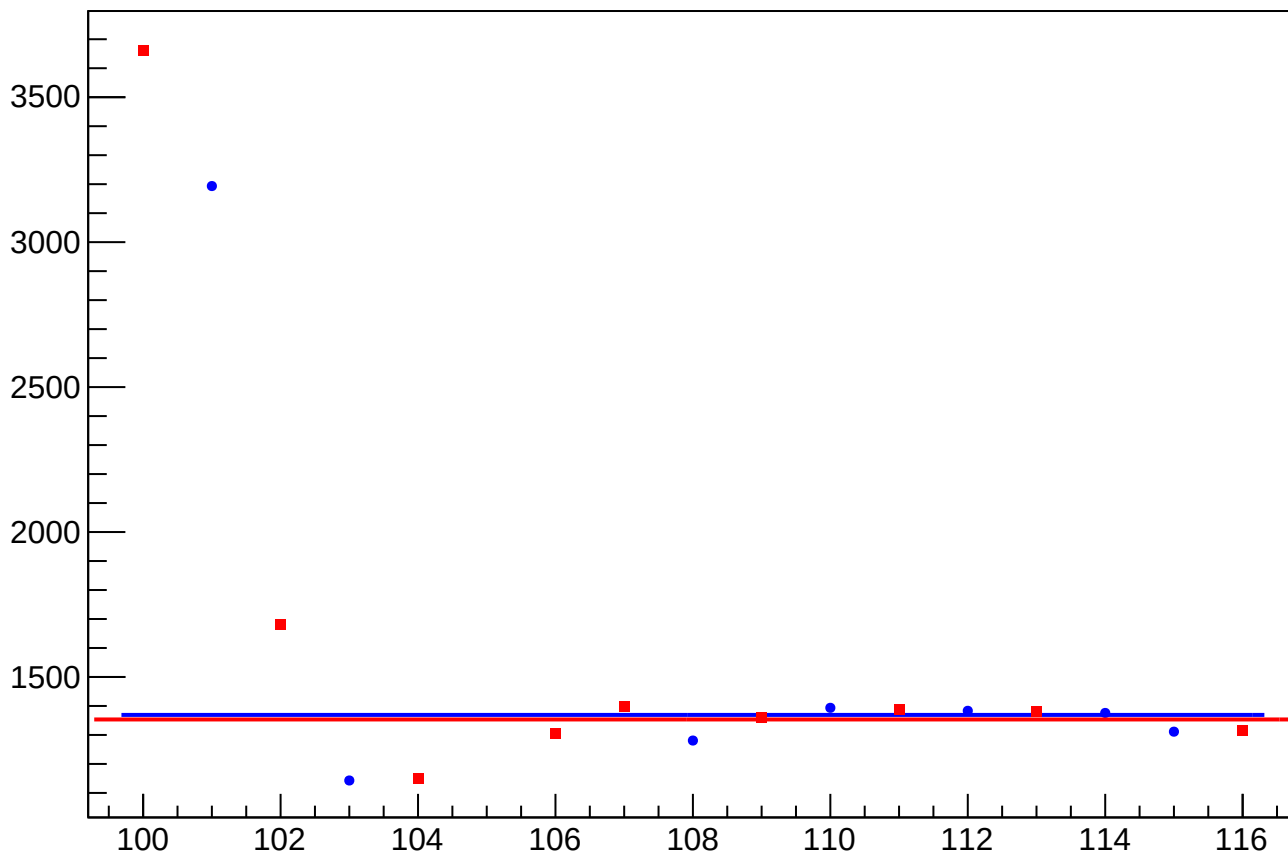
Right: 1596.728+/-568.471 χ^2/NDF : 9.3/15

In: 2015.385+/-861.625 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.728+/-568.471 χ^2/NDF : 9.3/15

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1369.146 $\pm$ 0.609 χ^2 /NDF: 478021.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1353.433 $\pm$ 0.533 χ^2 /NDF: 129607.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

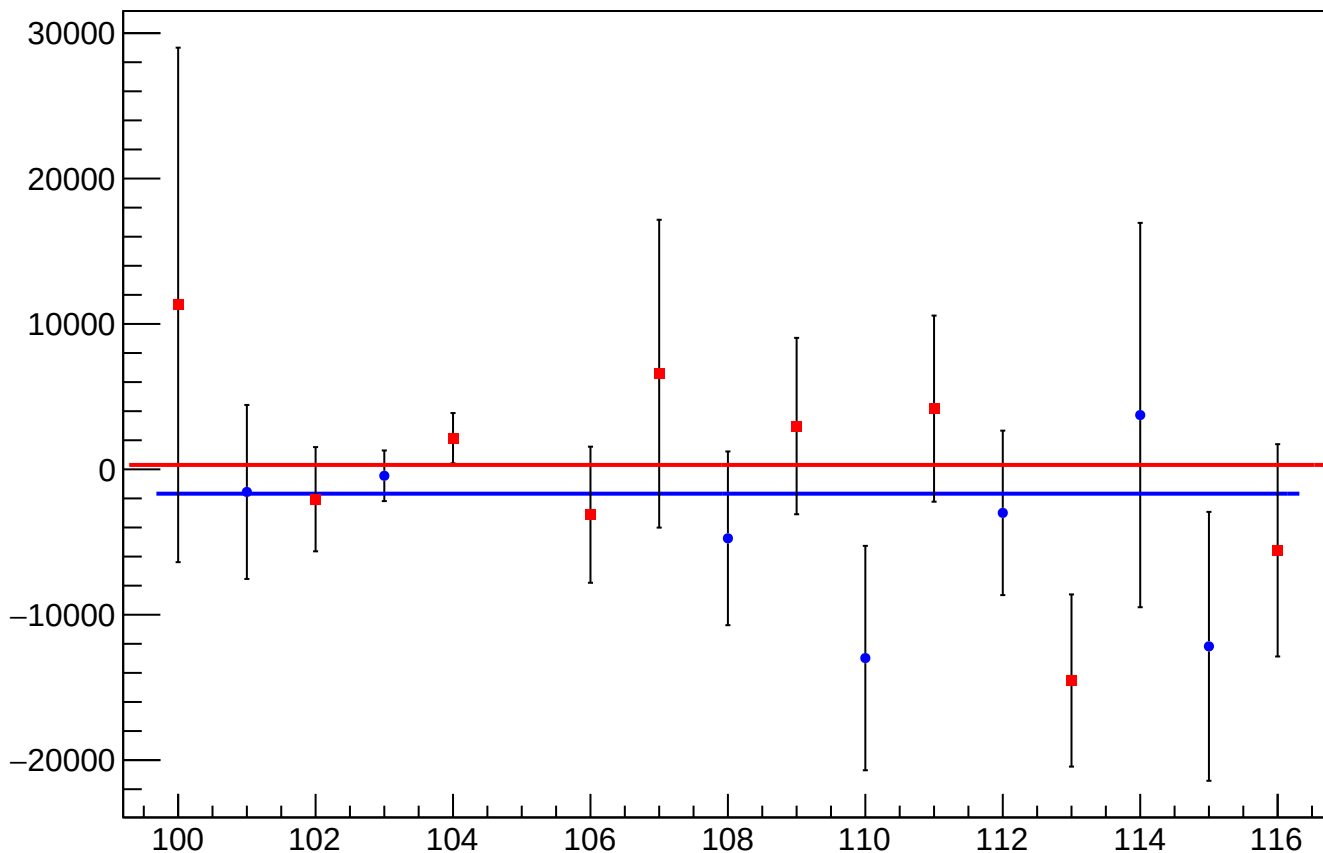
Right: 1360.238 $\pm$ 0.401 χ^2 /NDF: 608005.5/15

In: 1369.146 $\pm$ 0.609 χ^2 /NDF:478021.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1360.238 $\pm$ 0.401 χ^2 /NDF: 608005.5/15

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1673.683+/-1488.862 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.337+/-1326.164 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

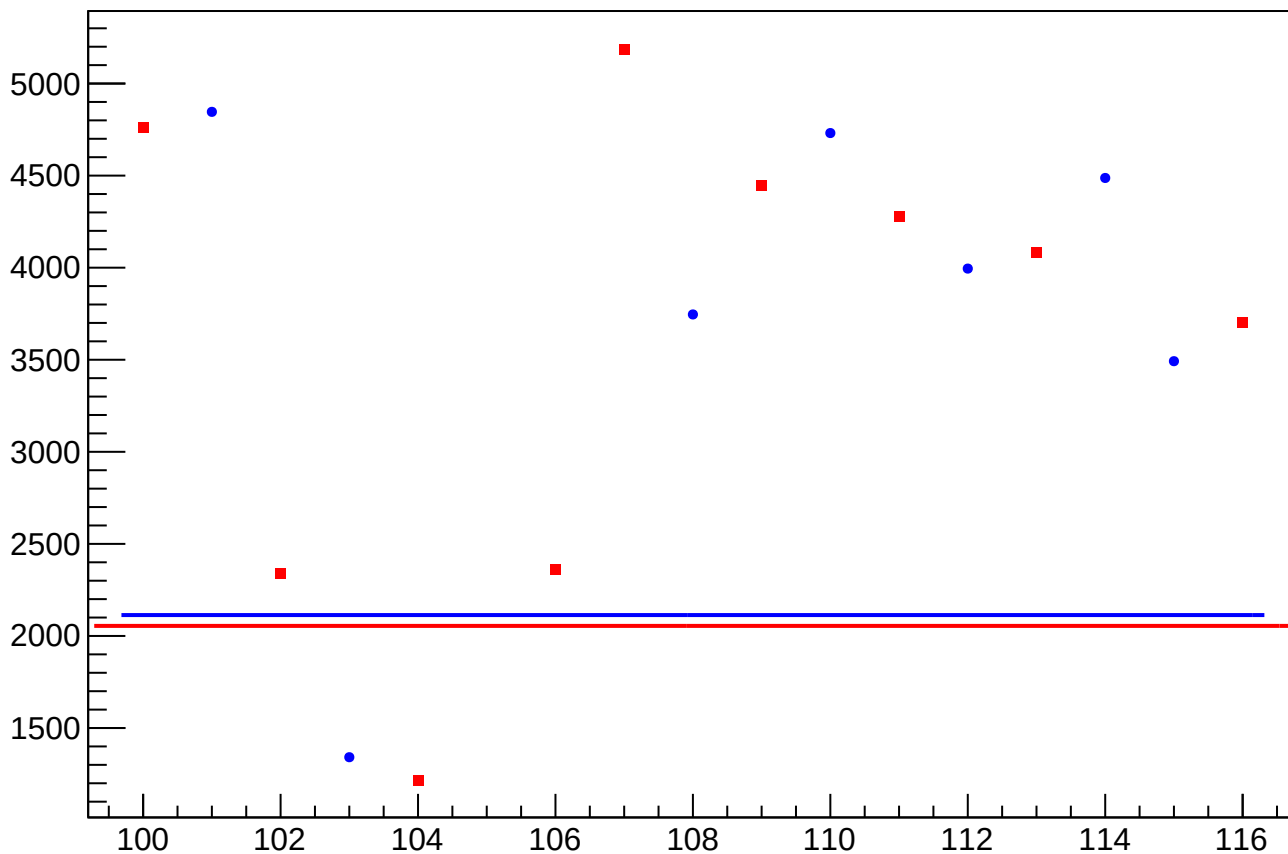
Right: -571.288+/-990.285 χ^2/NDF : 15.7/15

In: -1673.683+/-1488.862 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -571.288+/-990.285 χ^2/NDF : 15.7/15

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2113.458+/-1.053 χ^2/NDF : 1519815.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2054.629+/-0.938 χ^2/NDF : 1602999.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

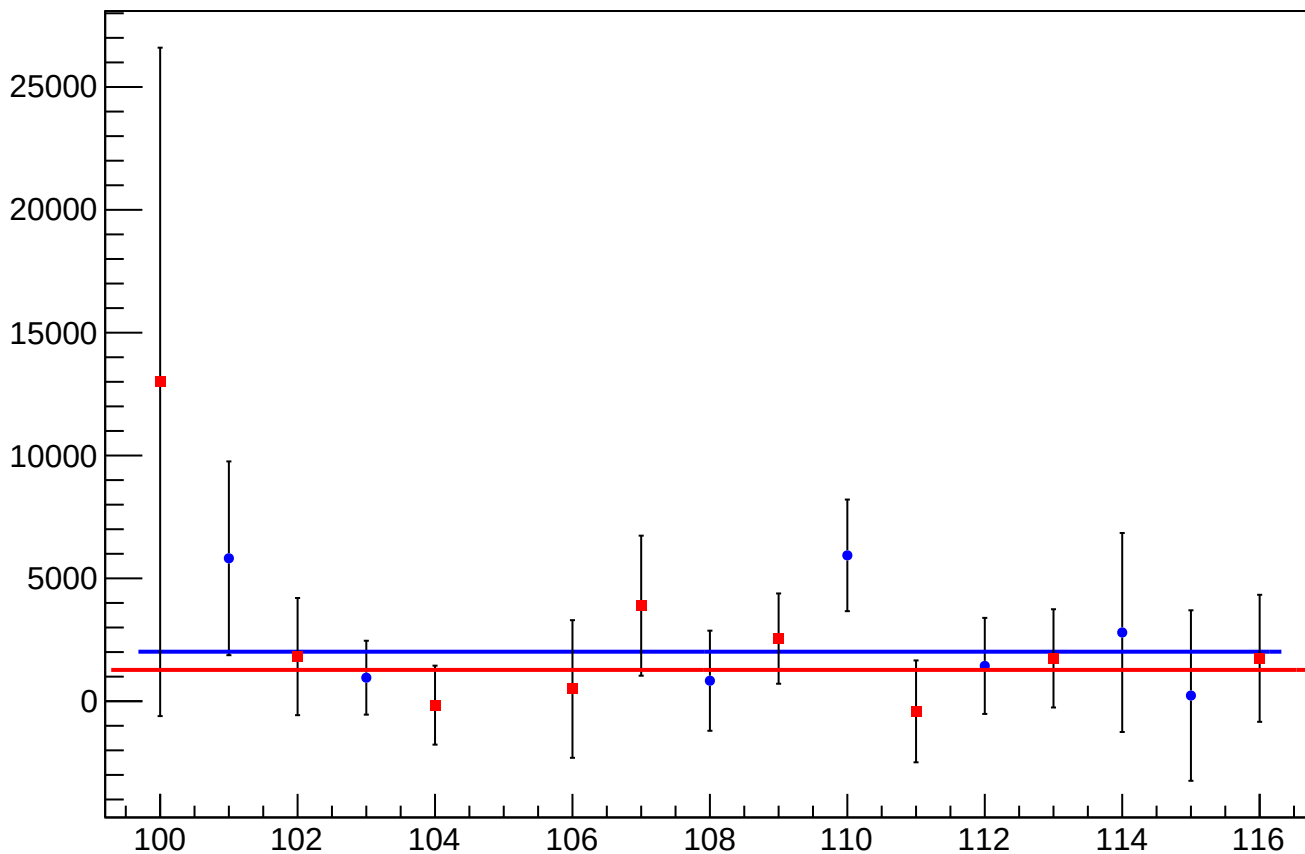
Right: 2080.654+/-0.700 χ^2/NDF : 3124556.3/15

In: 2113.458+/-1.053 χ^2/NDF : 1519815.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2080.654+/-0.700 χ^2/NDF : 3124556.3/15

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2015.385+/-861.625 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.018+/-756.477 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

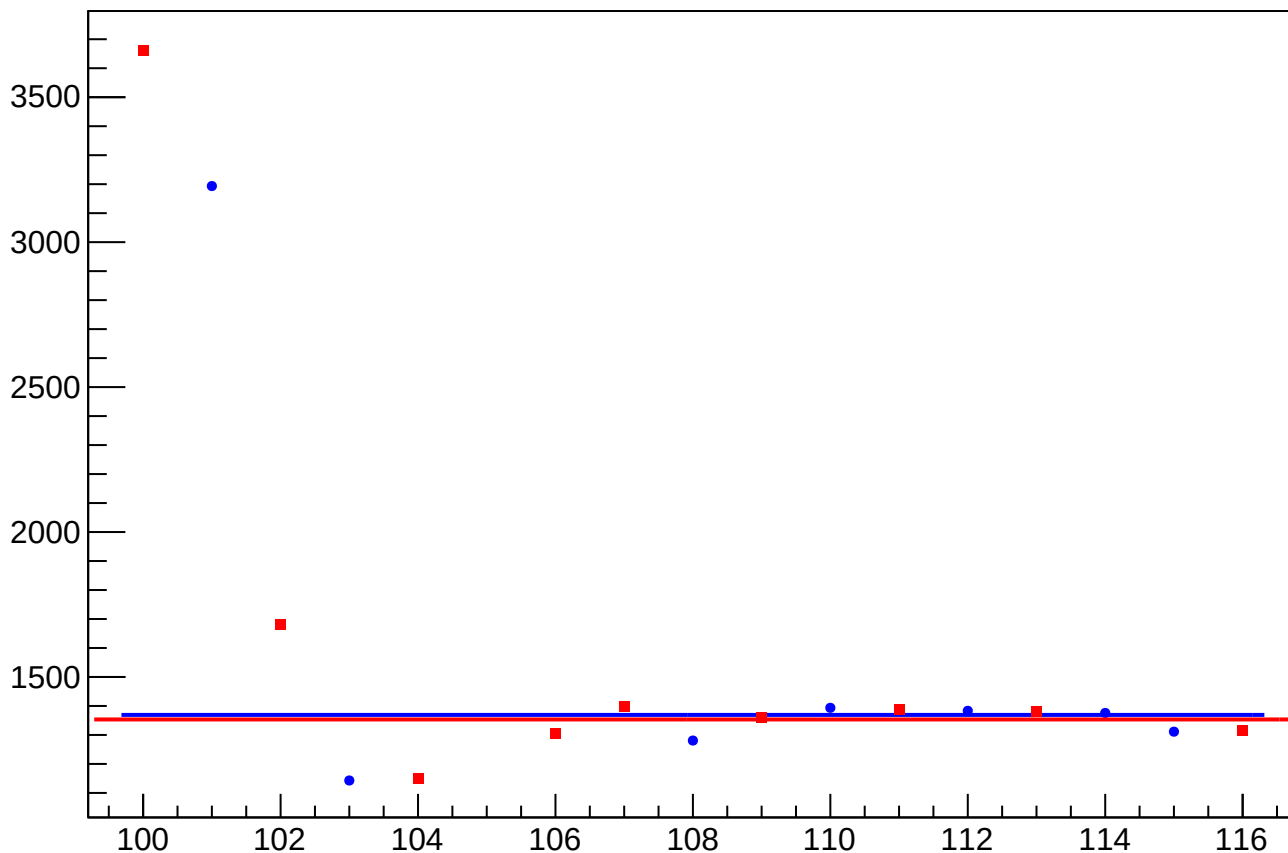
Right: 1596.728+/-568.471 χ^2/NDF : 9.3/15

In: 2015.385+/-861.625 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.728+/-568.471 χ^2/NDF : 9.3/15

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1369.146+/-0.609 χ^2/NDF : 478021.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.433+/-0.533 χ^2/NDF : 129607.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

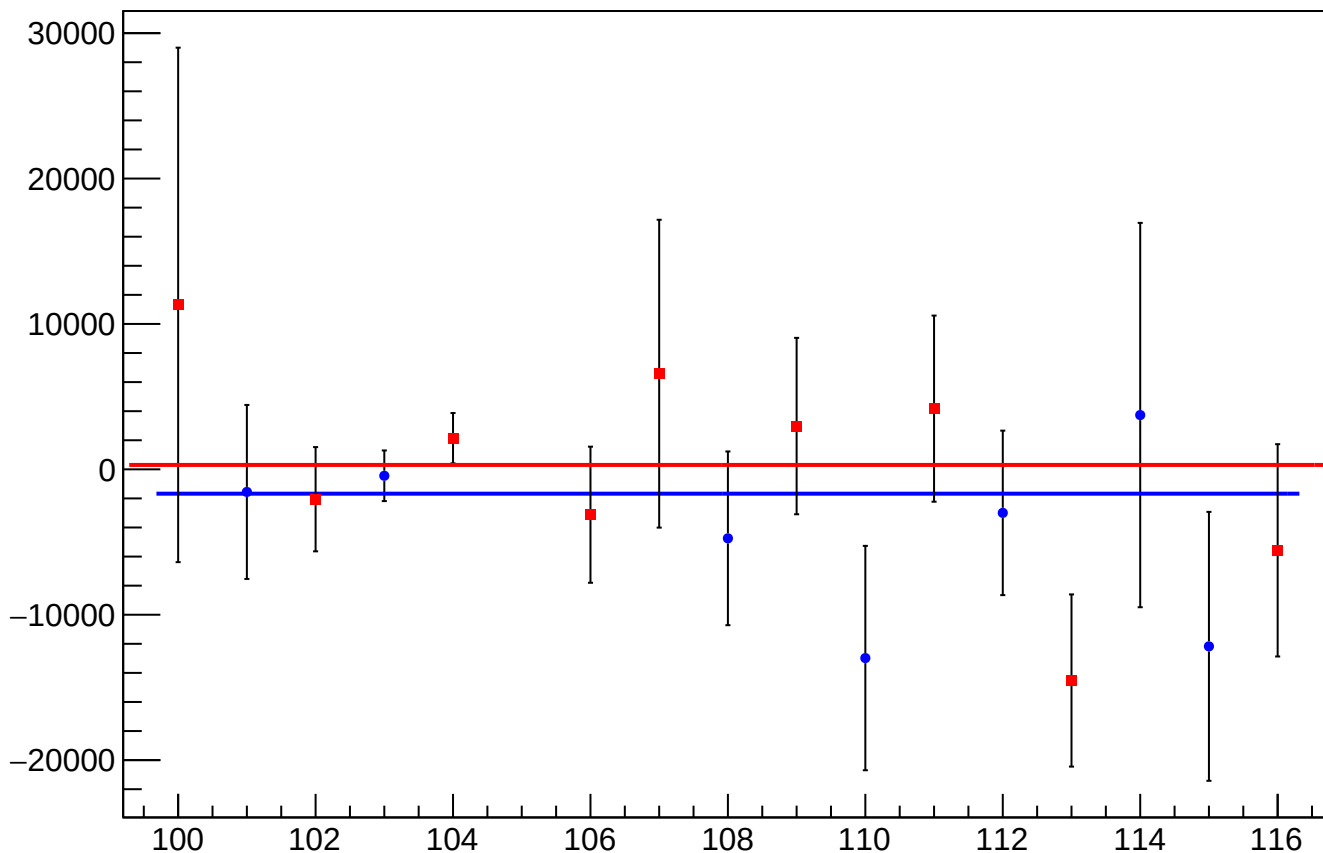
Right: 1360.238+/-0.401 χ^2/NDF : 608005.5/15

In: 1369.146+/-0.609 χ^2/NDF : 478021.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.238+/-0.401 χ^2/NDF : 608005.5/15

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1673.683+/-1488.862 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.337+/-1326.164 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

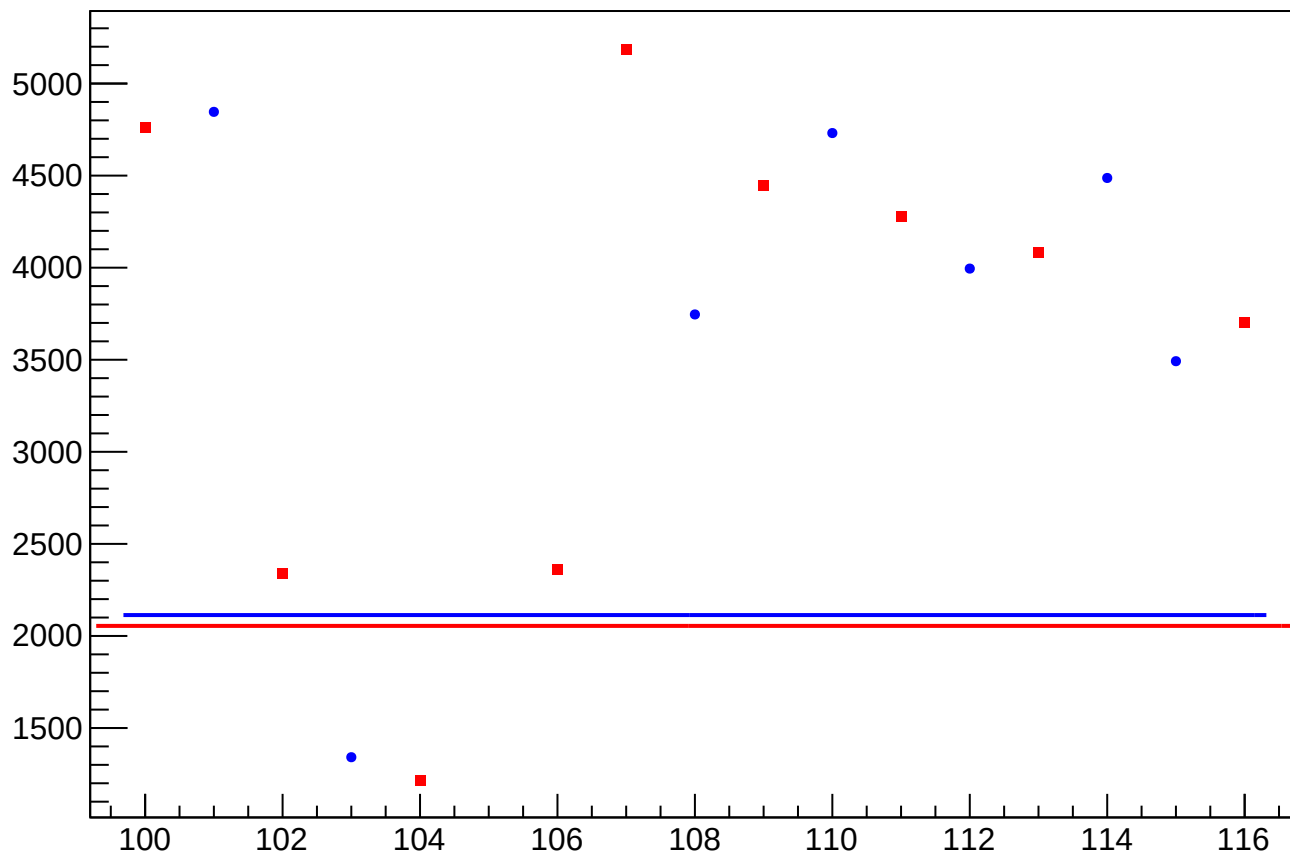
Right: -571.288+/-990.285 χ^2/NDF : 15.7/15

In: -1673.683+/-1488.862 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -571.288+/-990.285 χ^2/NDF : 15.7/15

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2113.458+/-1.053 χ^2/NDF : 1519815.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2054.629+/-0.938 χ^2/NDF : 1602999.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

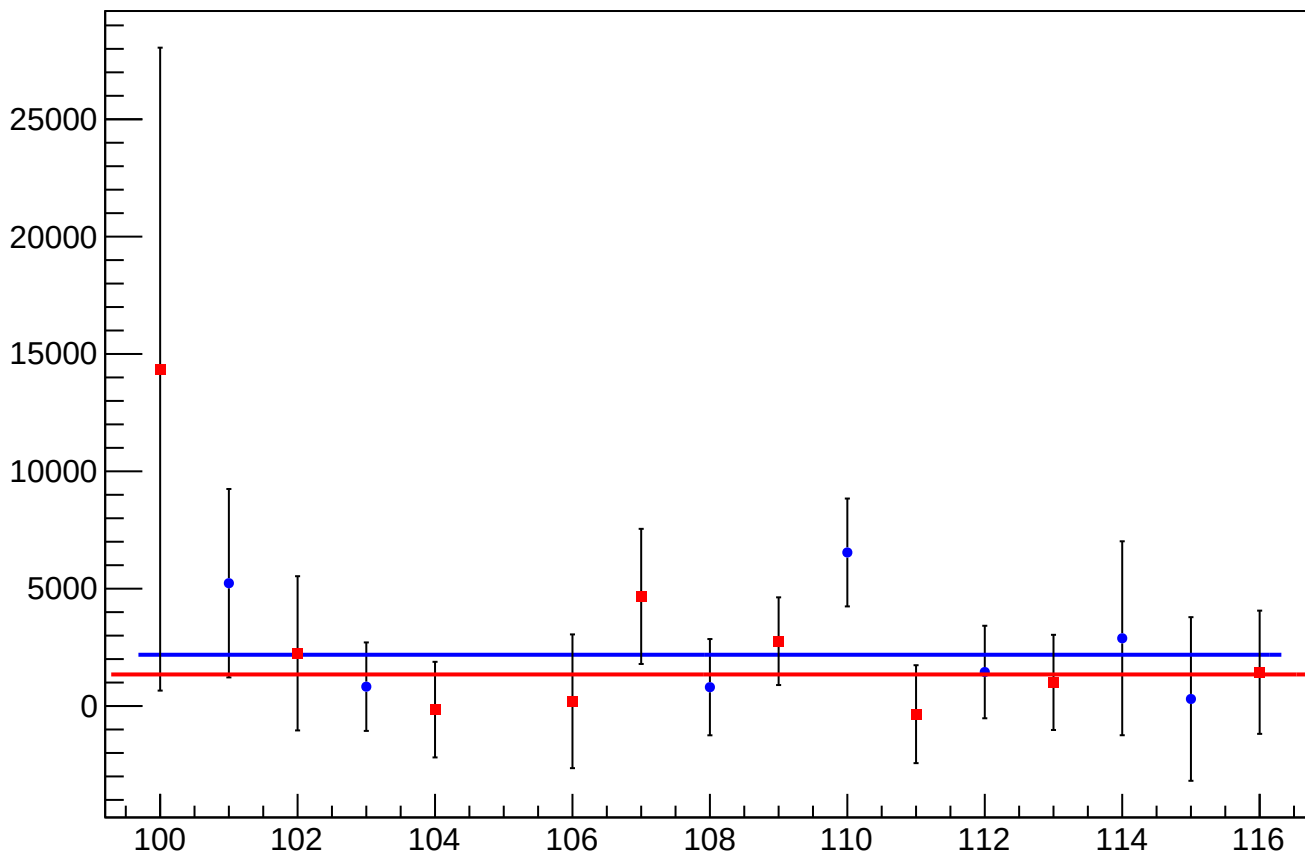
Right: 2080.654+/-0.700 χ^2/NDF : 3124556.3/15

In: 2113.458+/-1.053 χ^2/NDF : 1519815.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2080.654+/-0.700 χ^2/NDF : 3124556.3/15

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2184.502+/-924.942 χ^2/NDF : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.289+/-819.900 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

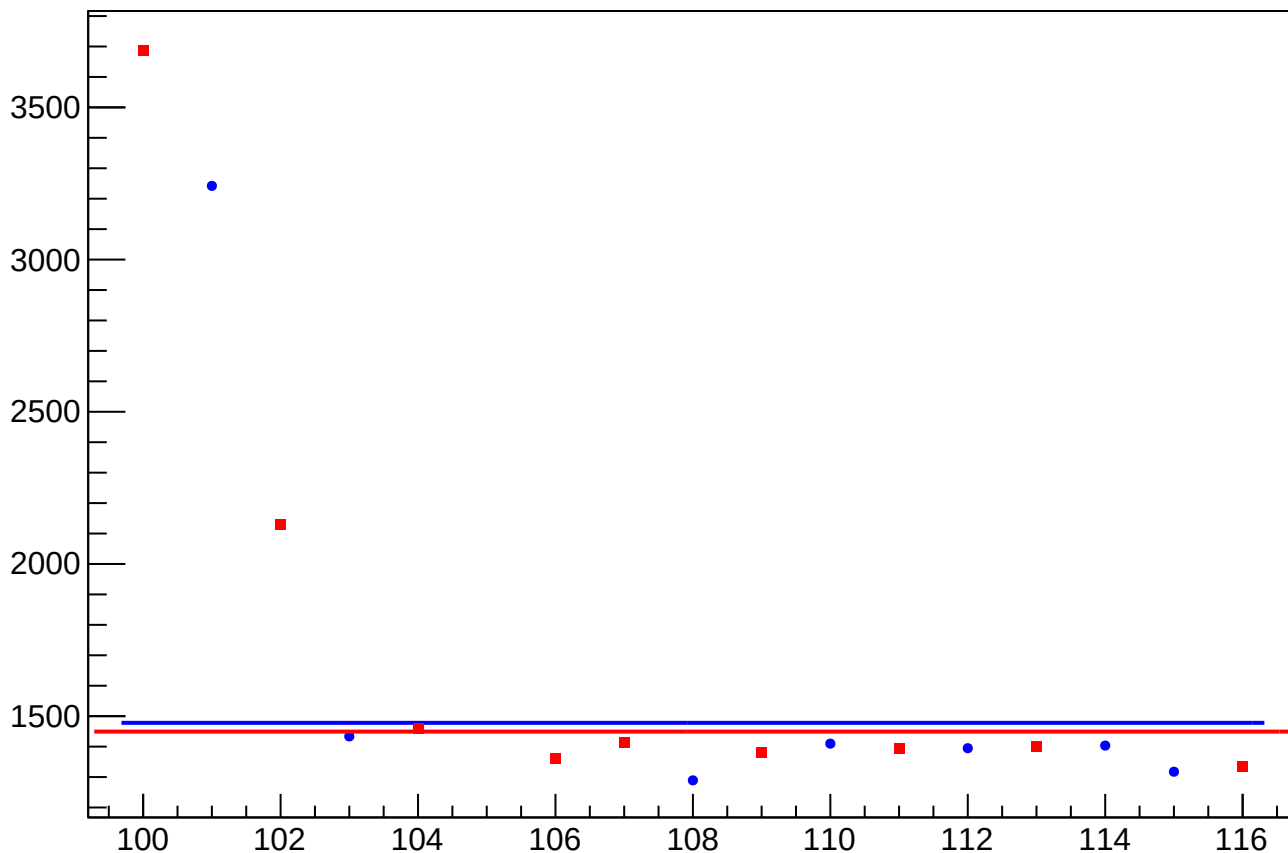
Right: 1714.556+/-613.548 χ^2/NDF : 10.3/15

In: 2184.502+/-924.942 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1714.556+/-613.548 χ^2/NDF : 10.3/15

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1478.141+/-0.654 χ^2/NDF : 414646.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.343+/-0.579 χ^2/NDF : 151136.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

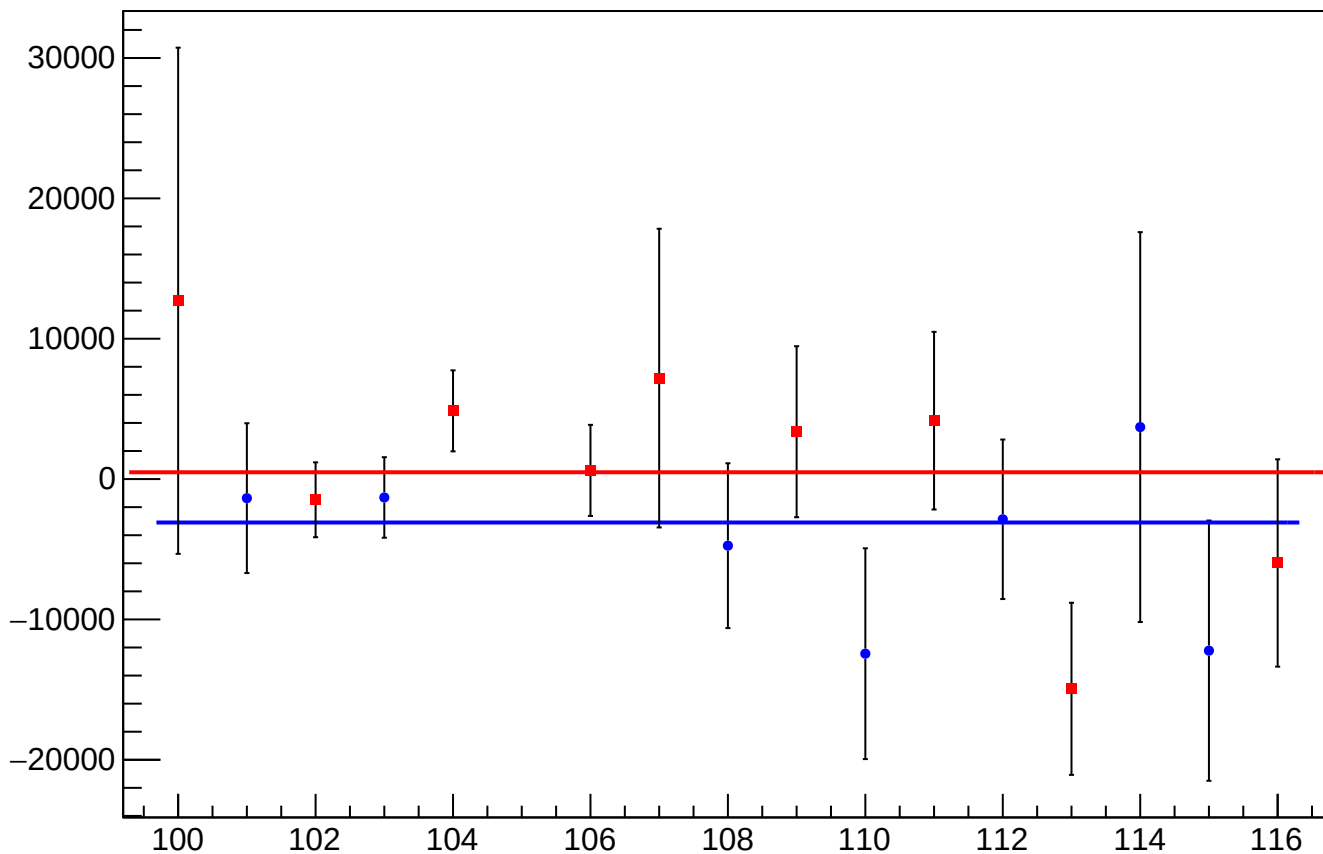
Right: 1461.992+/-0.433 χ^2/NDF : 566870.2/15

In: 1478.141+/-0.654 χ^2/NDF : 414646.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1461.992+/-0.433 χ^2/NDF : 566870.2/15

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3094.118+/-1995.575 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.074+/-1467.666 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

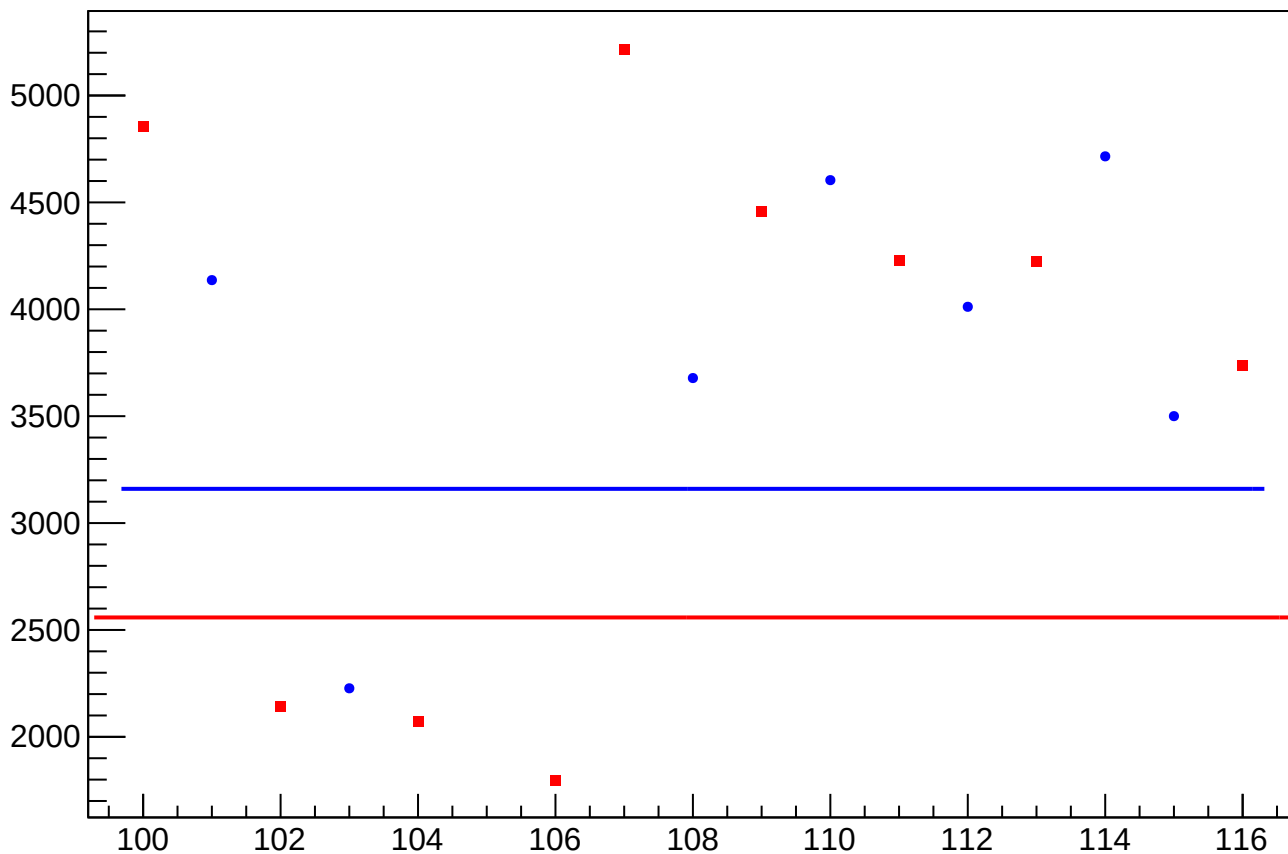
Right: -771.327+/-1182.333 χ^2/NDF : 16.8/15

In: -3094.118+/-1995.575 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.327+/-1182.333 χ^2/NDF : 16.8/15

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3160.122+/-1.411 χ^2/NDF : 440643.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2558.512+/-1.038 χ^2/NDF : 903878.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

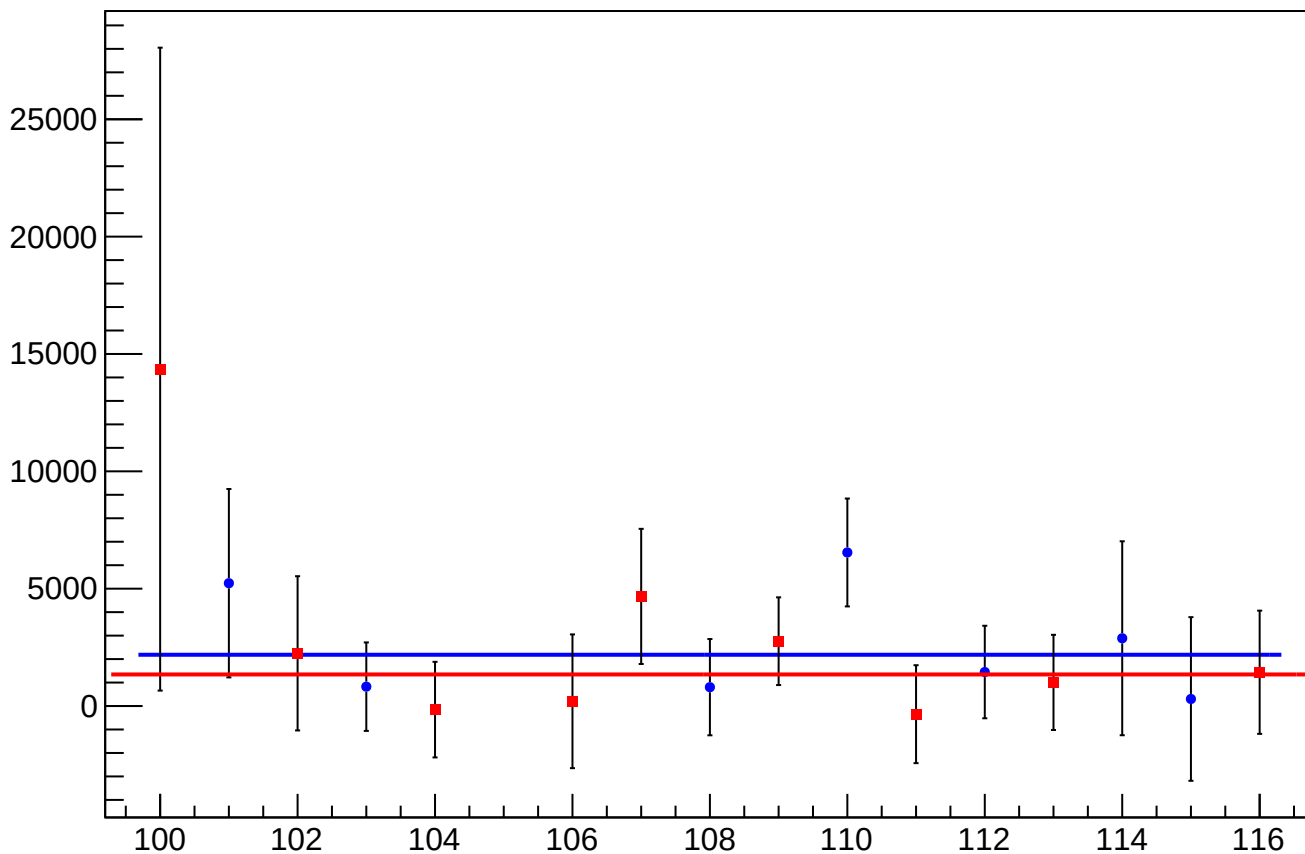
Right: 2769.695+/-0.836 χ^2/NDF : 1462485.2/15

In: 3160.122+/-1.411 χ^2/NDF : 440643.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2769.695+/-0.836 χ^2/NDF : 1462485.2/15

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2184.508+/-924.942 χ^2/NDF : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.292+/-819.900 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

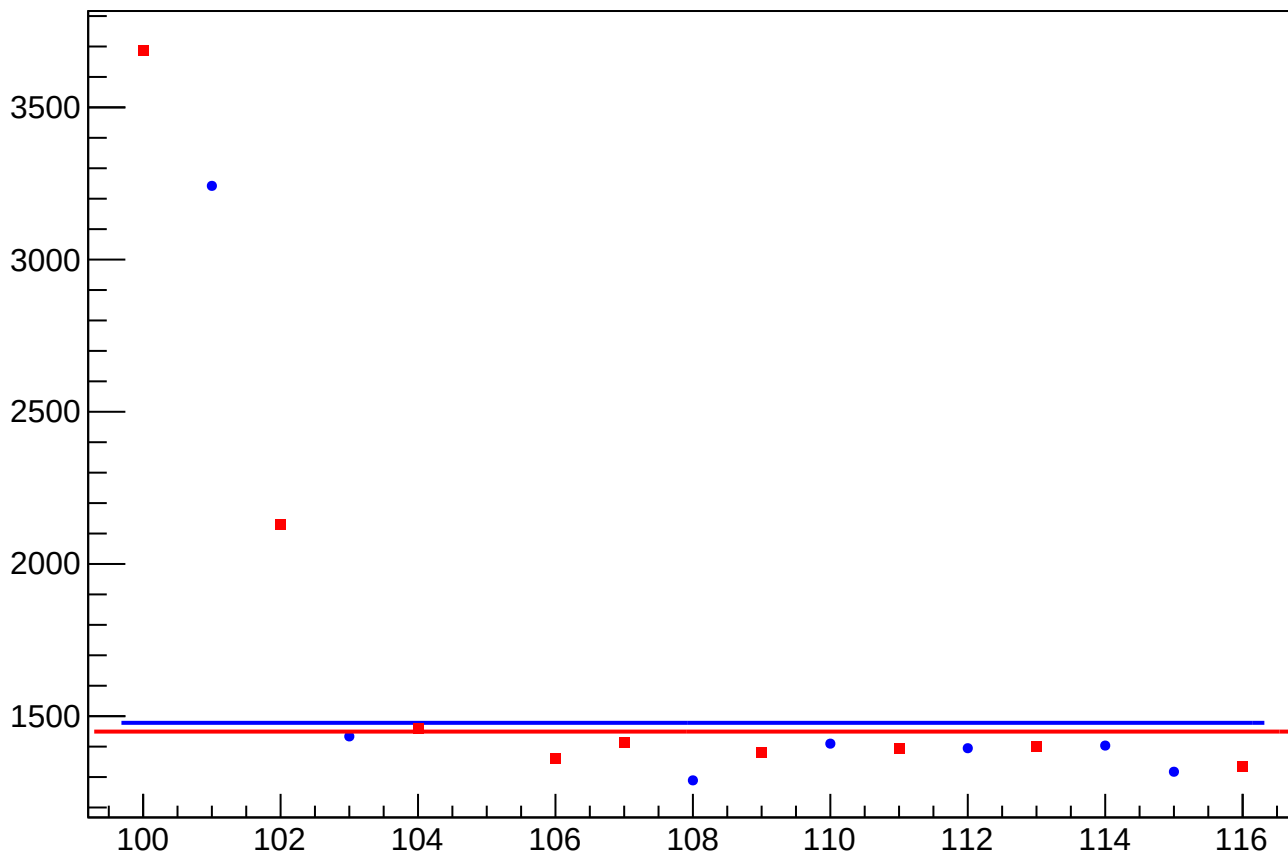
Right: 1714.560+/-613.548 χ^2/NDF : 10.3/15

In: 2184.508+/-924.942 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1714.560+/-613.548 χ^2/NDF : 10.3/15

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1478.141+/-0.654 χ^2/NDF : 414646.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.343+/-0.579 χ^2/NDF : 151135.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

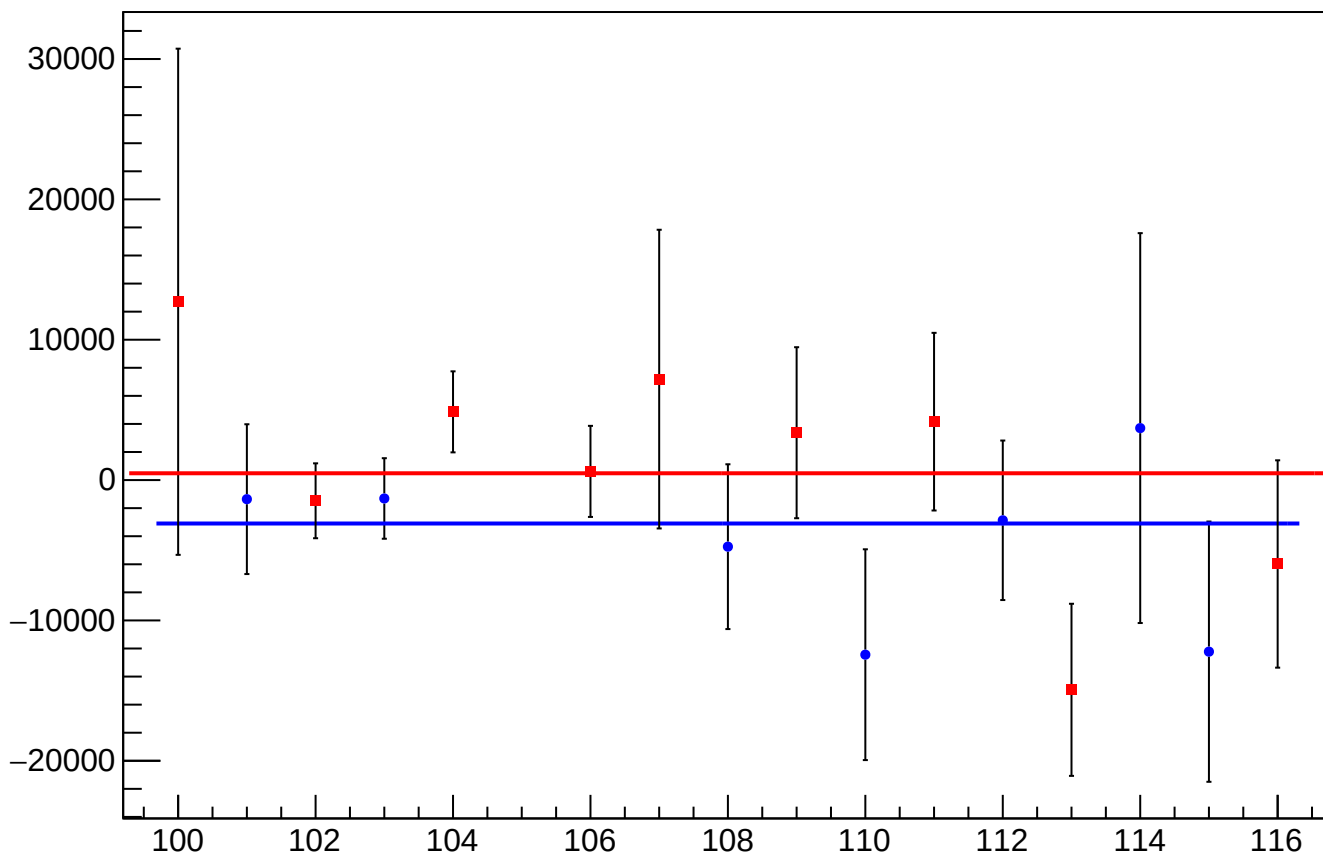
Right: 1461.991+/-0.433 χ^2/NDF : 566869.5/15

In: 1478.141+/-0.654 χ^2/NDF : 414646.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1461.991+/-0.433 χ^2/NDF : 566869.5/15

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3094.116+/-1995.571 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.075+/-1467.662 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

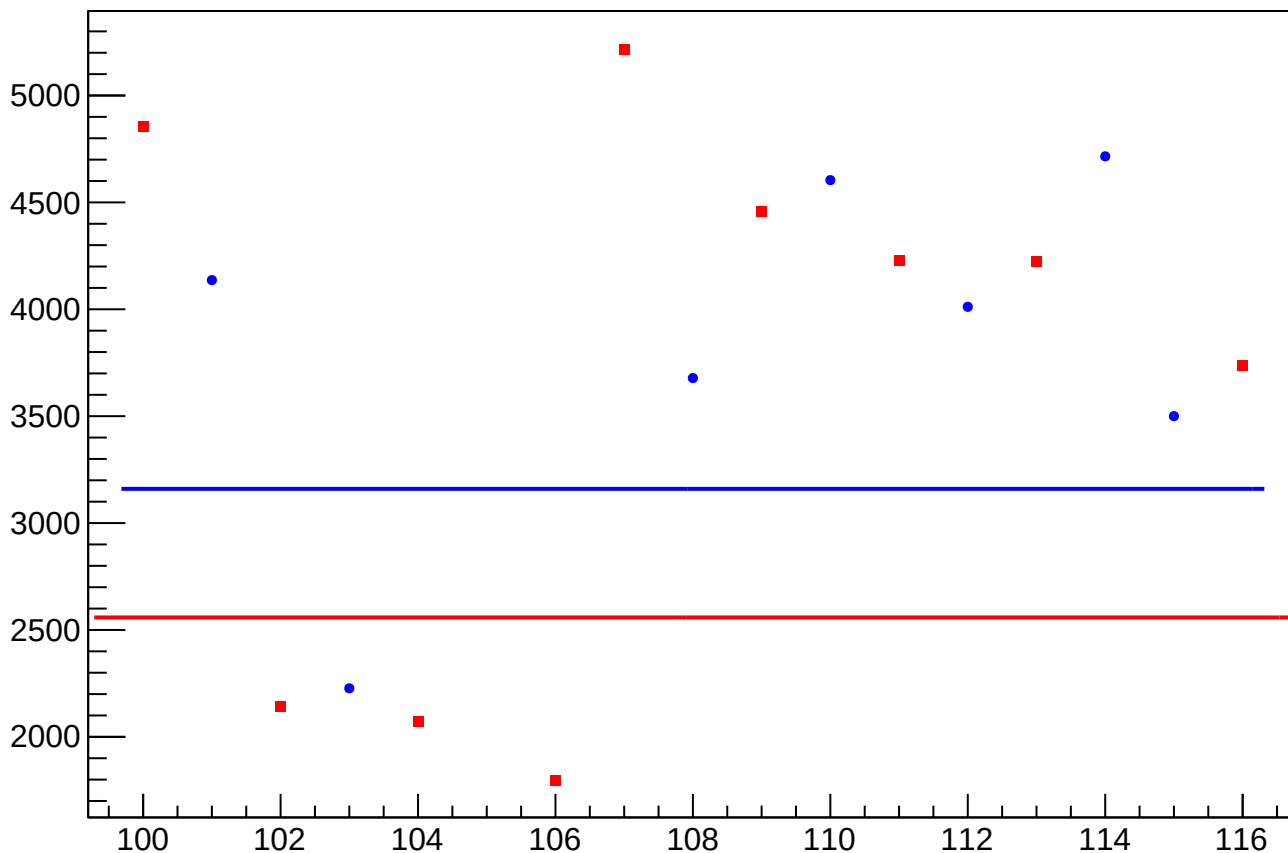
Right: -771.325+/-1182.330 χ^2/NDF : 16.8/15

In: -3094.116+/-1995.571 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.325+/-1182.330 χ^2/NDF : 16.8/15

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3160.116+/-1.411 χ^2 /NDF: 440643.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2558.505+/-1.038 χ^2 /NDF: 903879.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

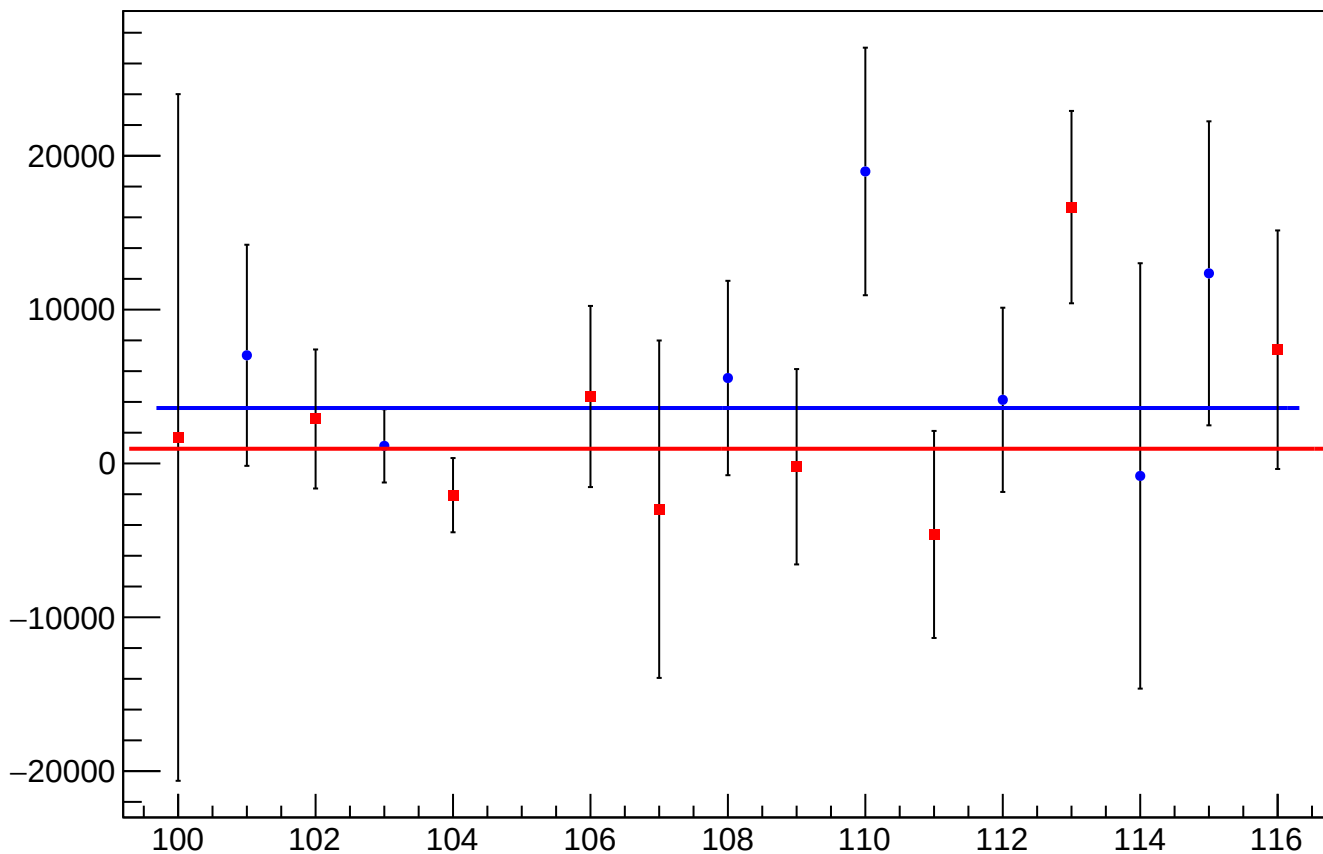
Right: 2769.688+/-0.836 χ^2 /NDF: 1462487.8/15

In: 3160.116+/-1.411 χ^2 /NDF:440643.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2769.688+/-0.836 χ^2 /NDF: 1462487.8/15

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3604.525+/-1891.270 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.282+/-1692.742 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

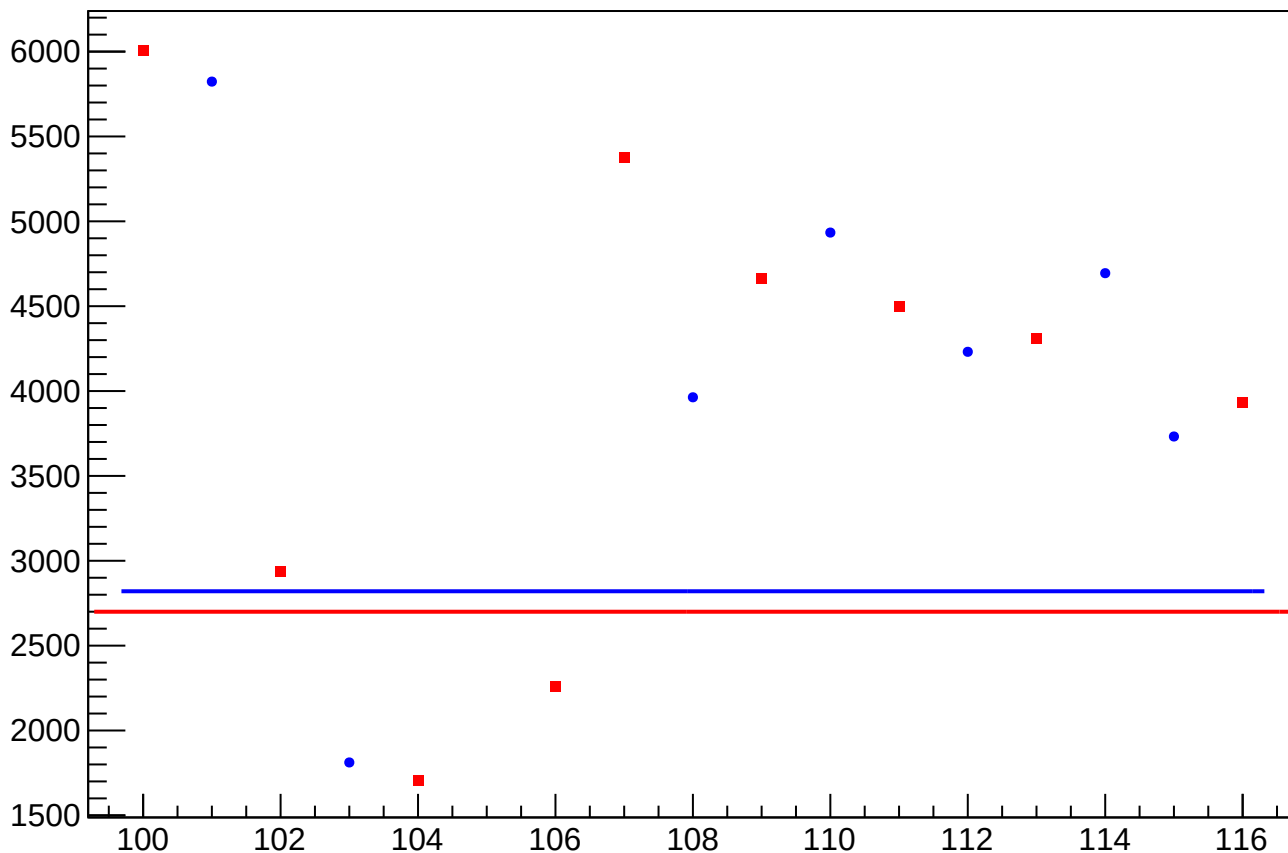
Right: 2134.159+/-1261.318 χ^2/NDF : 17.0/15

In: 3604.525+/-1891.270 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.159+/-1261.318 χ^2/NDF : 17.0/15

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2820.396+/-1.337 χ^2/NDF : 1076209.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2699.799+/-1.171 χ^2/NDF : 1042238.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

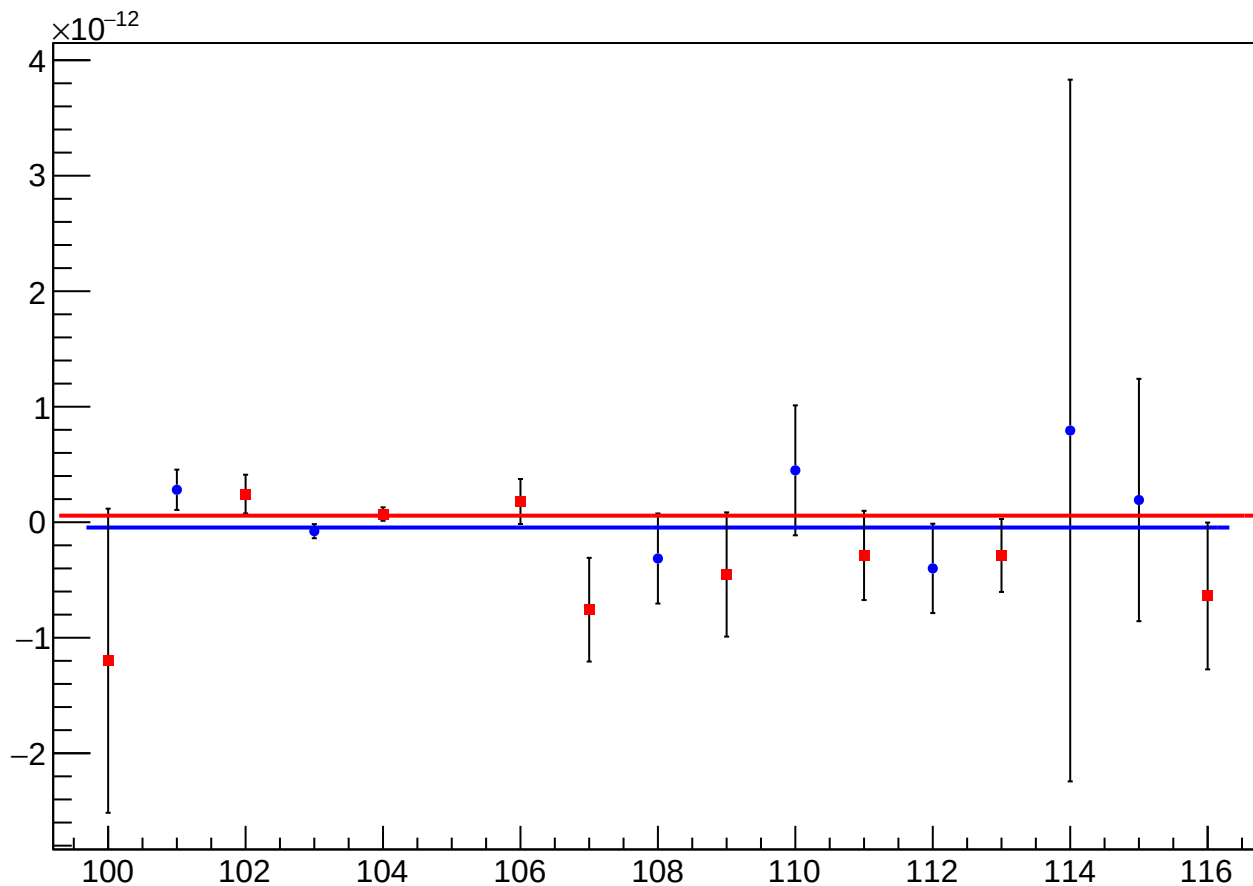
Right: 2752.139+/-0.881 χ^2/NDF : 2123050.8/15

In: 2820.396+/-1.337 χ^2/NDF : 1076209.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2752.139+/-0.881 χ^2/NDF : 2123050.8/15

asym_atl_avg_atr_avg_avg_reg_vs_slug_Sign_Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

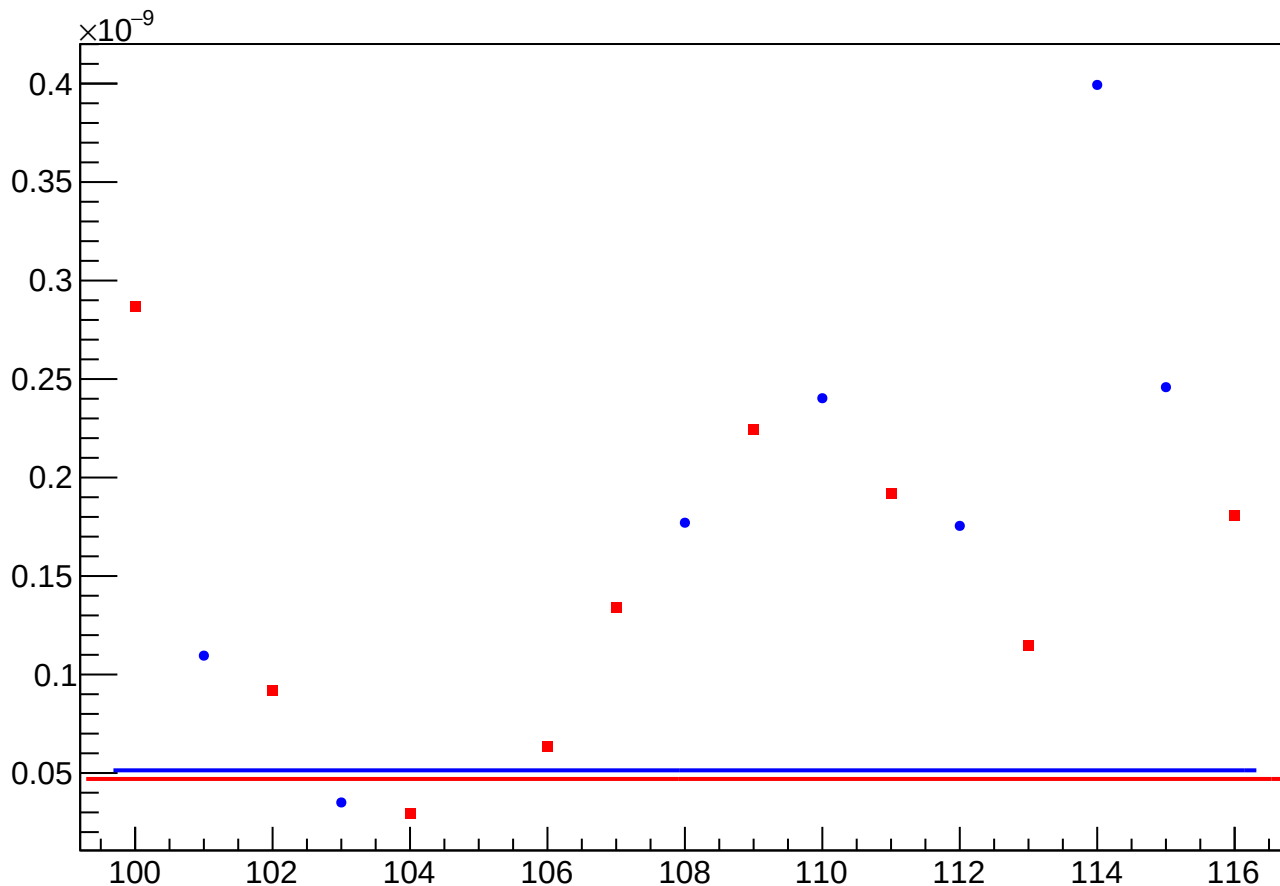
Right: 0.000+/-0.000 χ^2/NDF : 17.8/15

In: -0.000+/-0.000 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/15

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1100358.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1160317.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

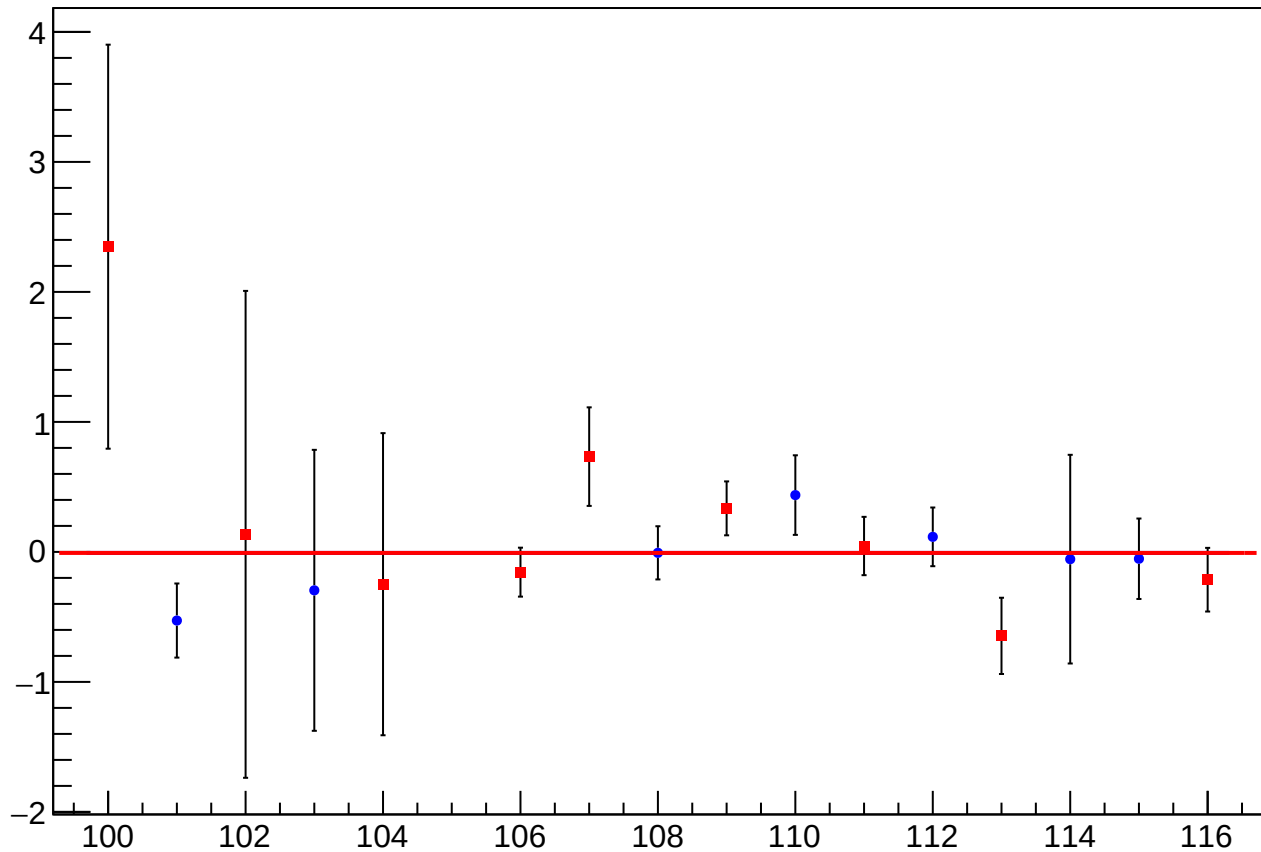
Right: 0.000+/-0.000 χ^2/NDF : 2267350.8/15

In: 0.000+/-0.000 χ^2/NDF : 1100358.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2267350.8/15

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.112 χ^2 /NDF: 5.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.096 χ^2 /NDF: 15.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

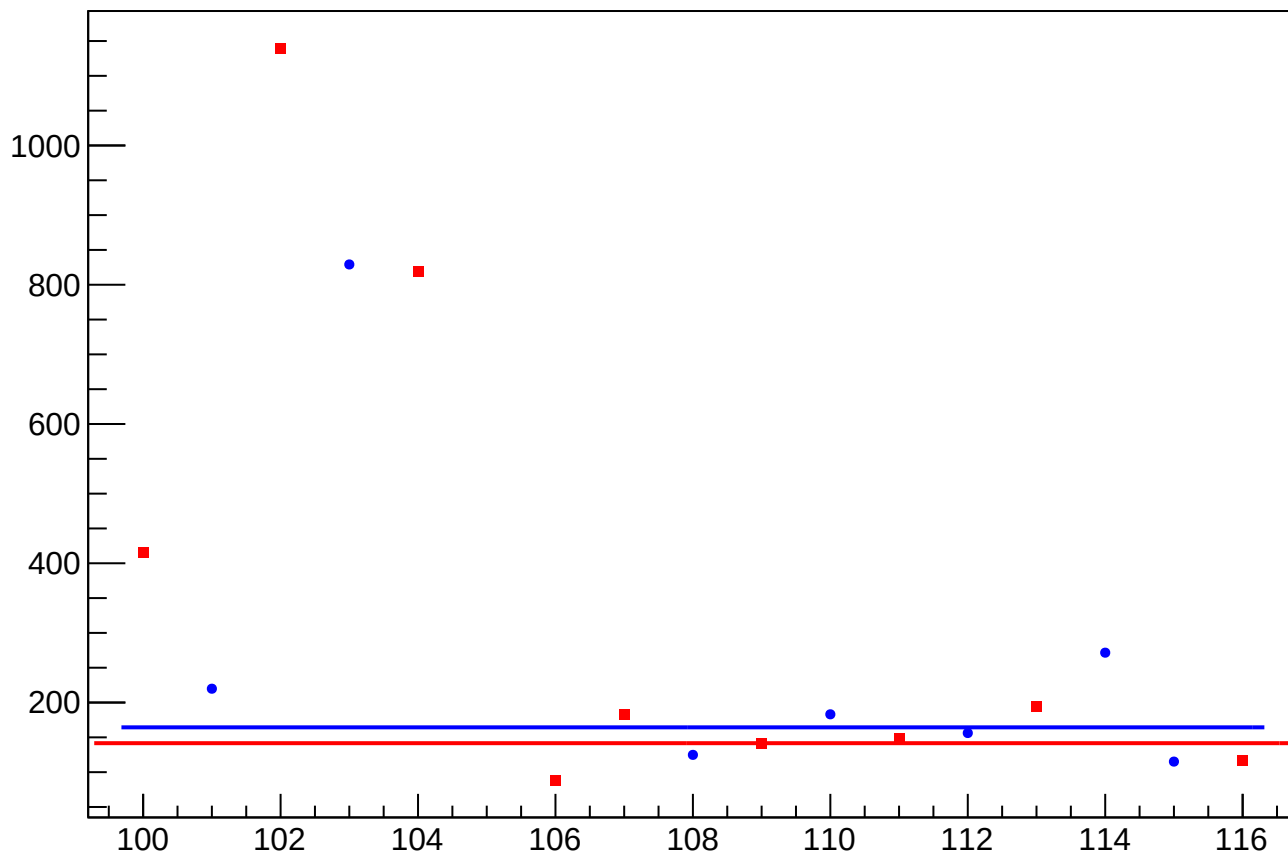
Right: -0.008 $\pm$ 0.073 χ^2 /NDF: 20.8/15

In: -0.008 $\pm$ 0.112 χ^2 /NDF:5.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.073 χ^2 /NDF: 20.8/15

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.377+/-0.079 χ^2/NDF : 1003560.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.631+/-0.068 χ^2/NDF : 1581630.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

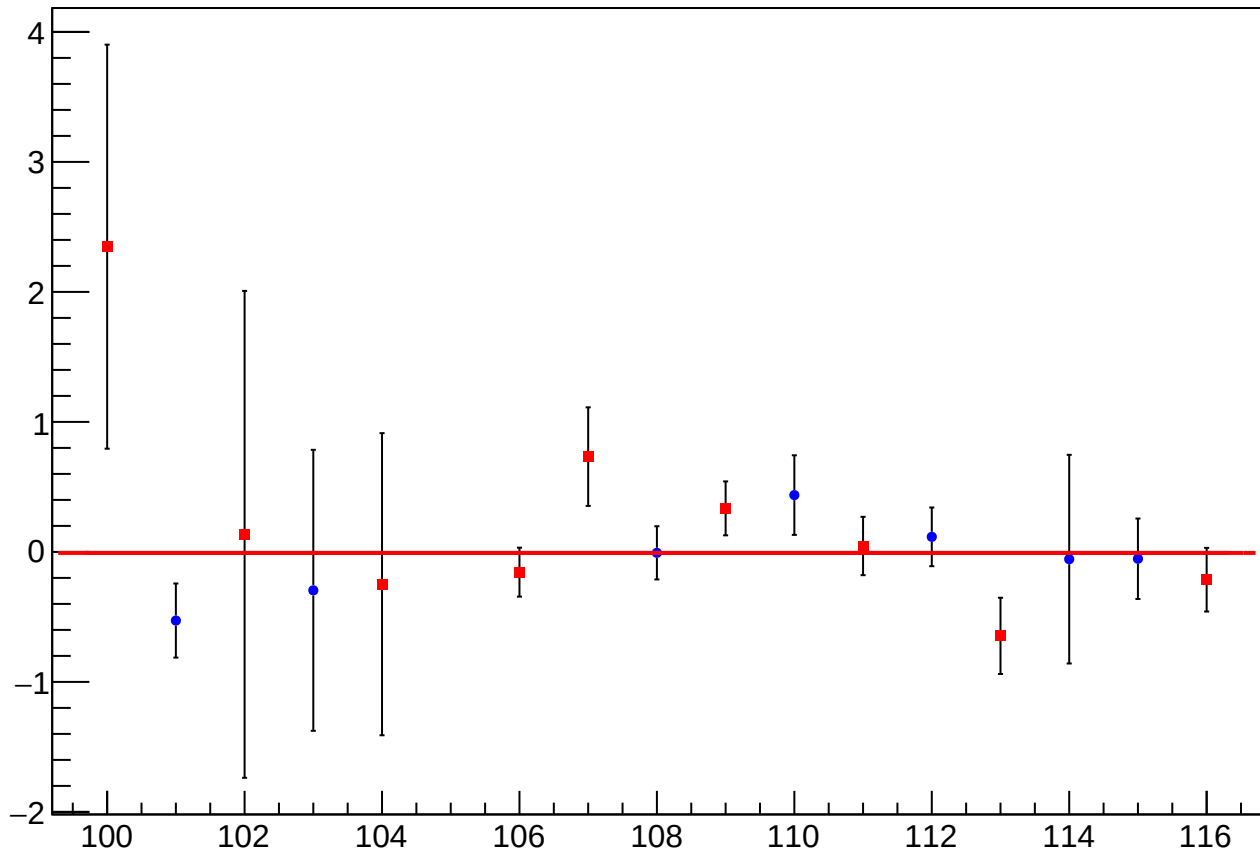
Right: 151.262+/-0.052 χ^2/NDF : 2632527.4/15

In: 164.377+/-0.079 χ^2/NDF : 1003560.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.262+/-0.052 χ^2/NDF : 2632527.4/15

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.112 χ^2 /NDF: 5.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.096 χ^2 /NDF: 15.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

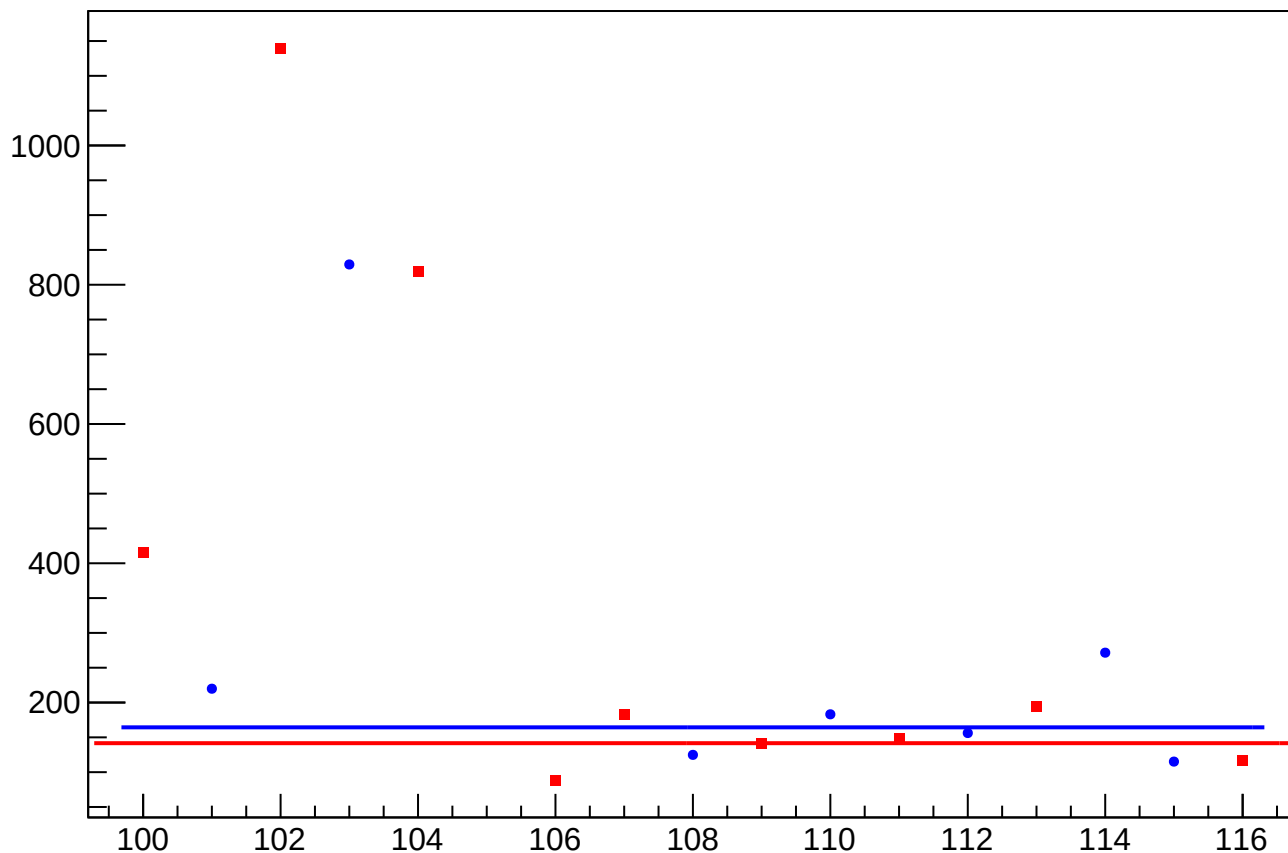
Right: -0.008 $\pm$ 0.073 χ^2 /NDF: 20.8/15

In: -0.008 $\pm$ 0.112 χ^2 /NDF:5.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.073 χ^2 /NDF: 20.8/15

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.377+/-0.079 χ^2/NDF : 1003560.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.631+/-0.068 χ^2/NDF : 1581630.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

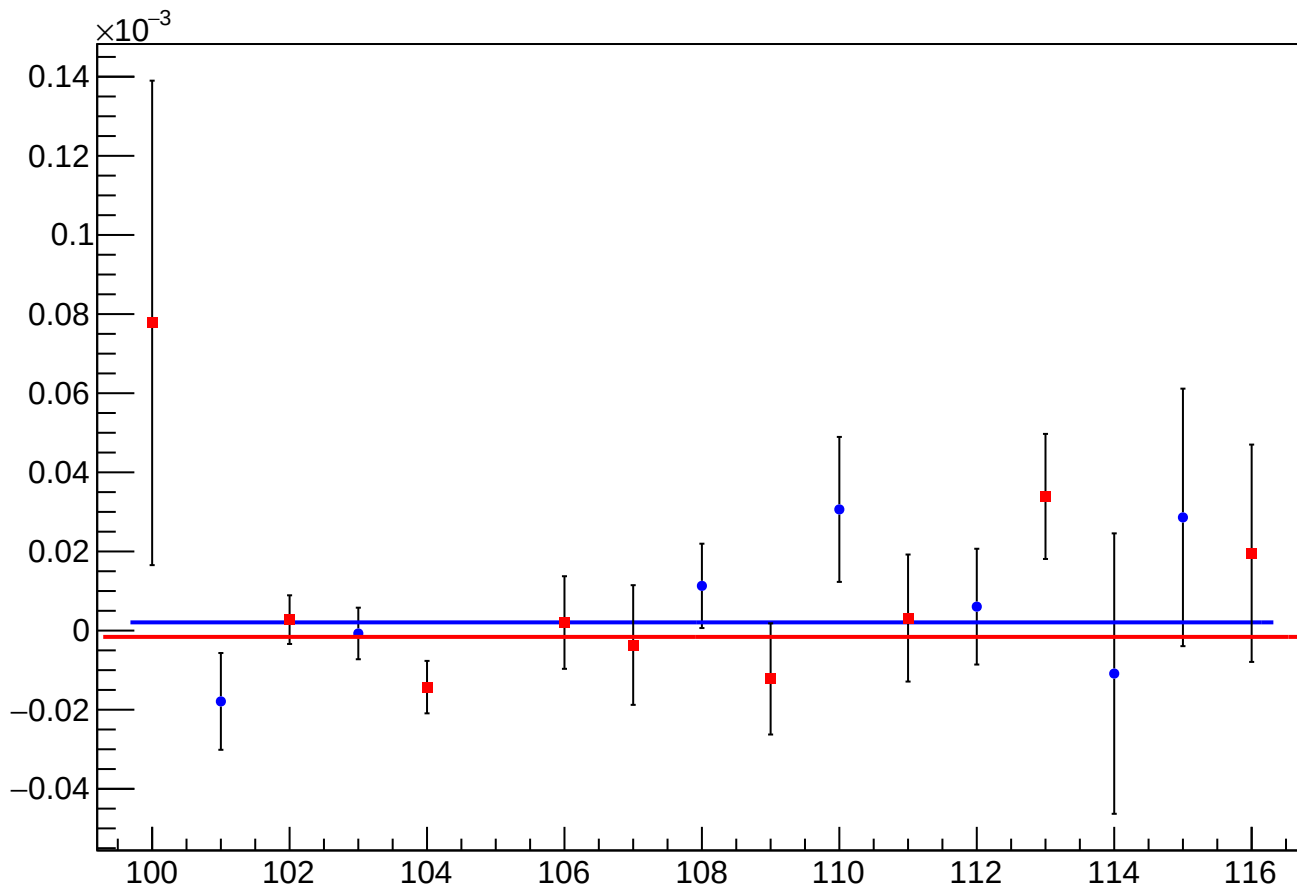
Right: 151.262+/-0.052 χ^2/NDF : 2632527.4/15

In: 164.377+/-0.079 χ^2/NDF : 1003560.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.262+/-0.052 χ^2/NDF : 2632527.4/15

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 : 6.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

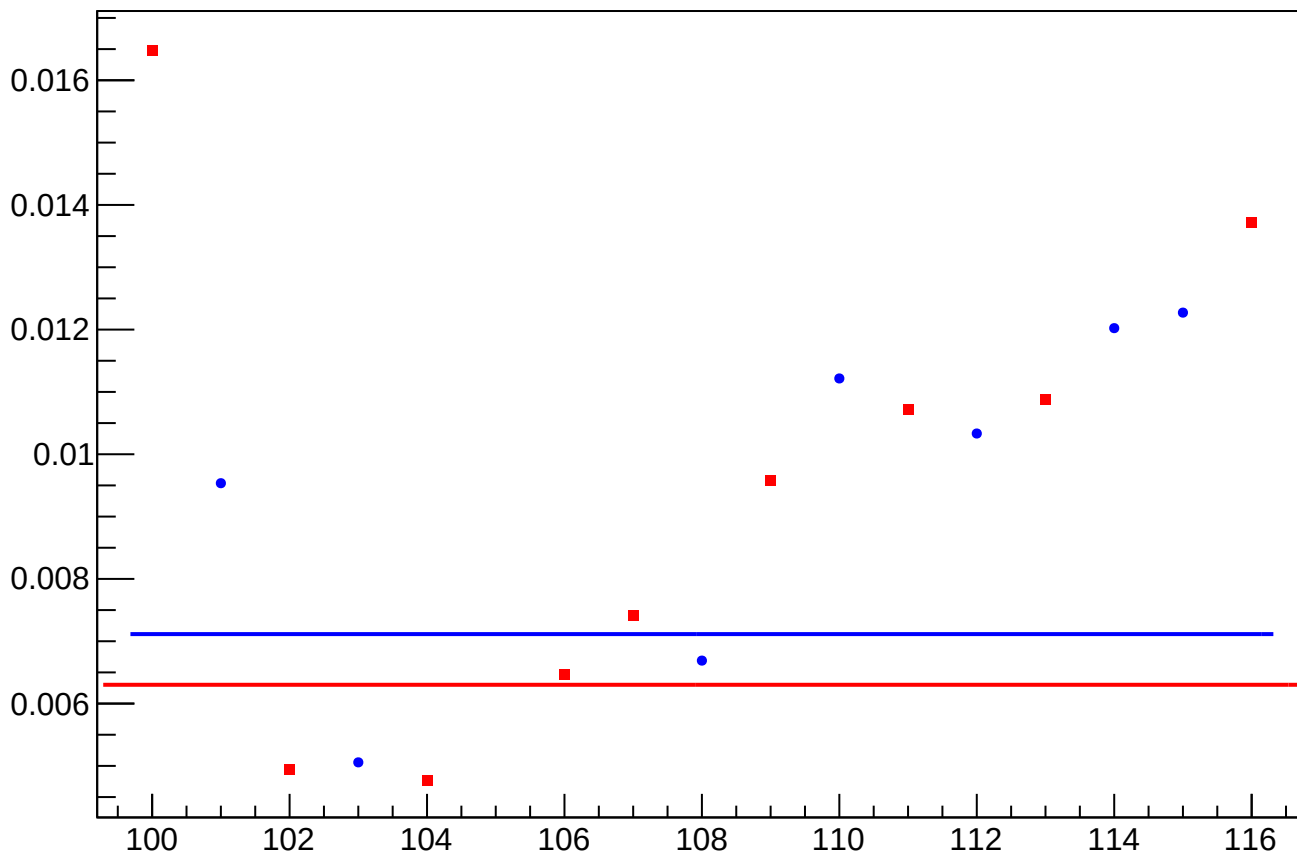
Right: -0.000+/-0.000 χ^2/NDF : 19.6/15

In: 0.000+/-0.000 χ^2/NDF : 6.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/15

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 : 566493.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 845608.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

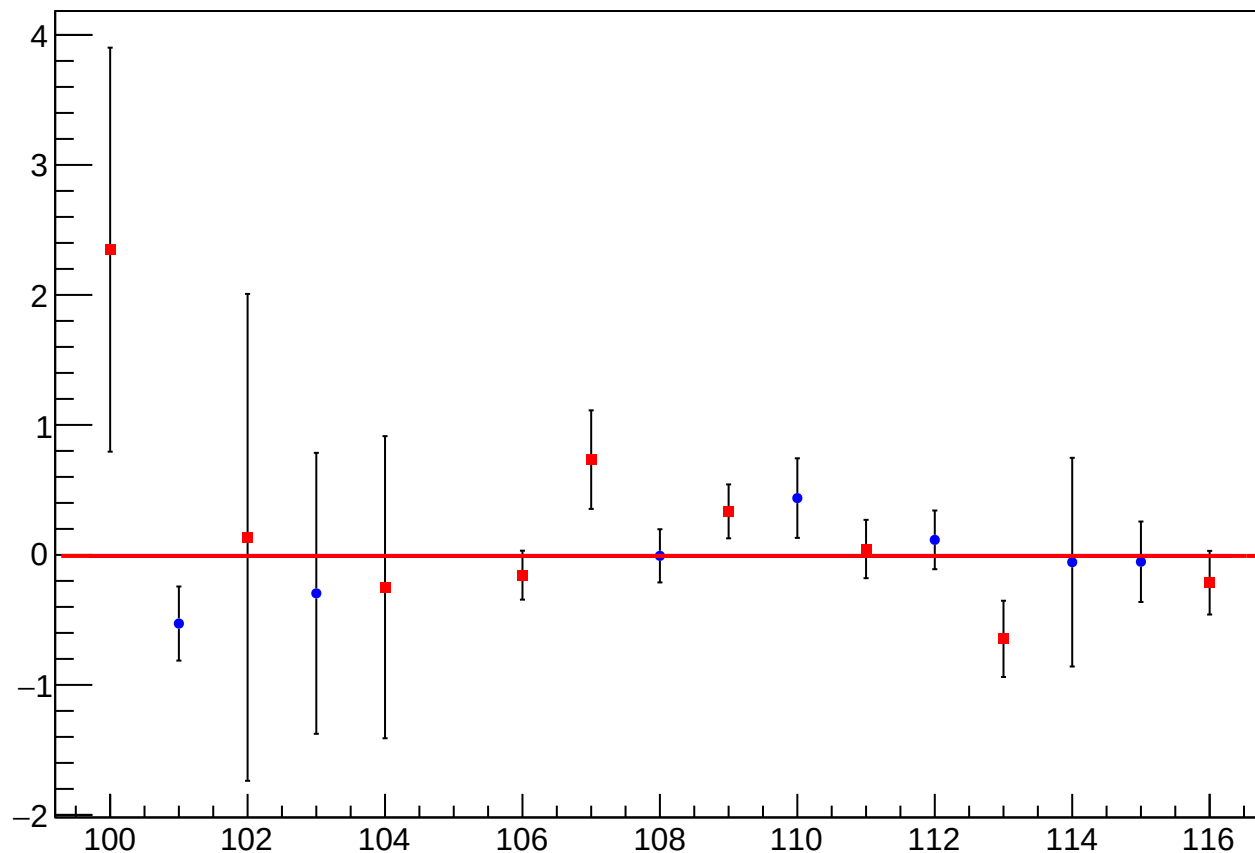
Right: 0.007+/-0.000 χ^2/NDF : 1451103.5/15

In: 0.007+/-0.000 χ^2/NDF : 566493.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1451103.5/15

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.112 χ^2 /NDF: 5.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.008+/-0.096 χ^2 /NDF: 15.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

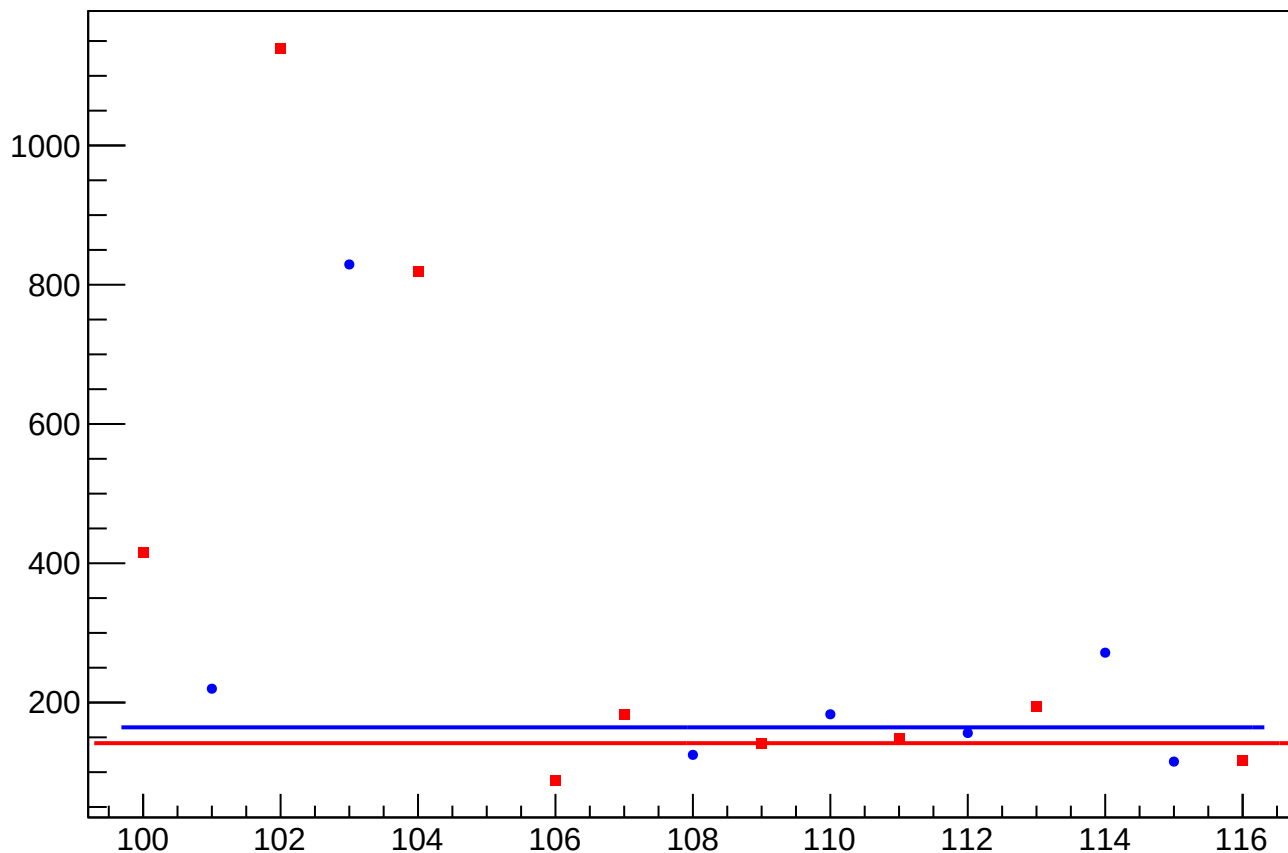
Right: -0.008+/-0.073 χ^2 /NDF: 20.9/15

In: -0.008+/-0.112 χ^2 /NDF:5.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.008+/-0.073 χ^2 /NDF: 20.9/15

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.379+/-0.079 χ^2/NDF : 1003538.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.631+/-0.068 χ^2/NDF : 1581634.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

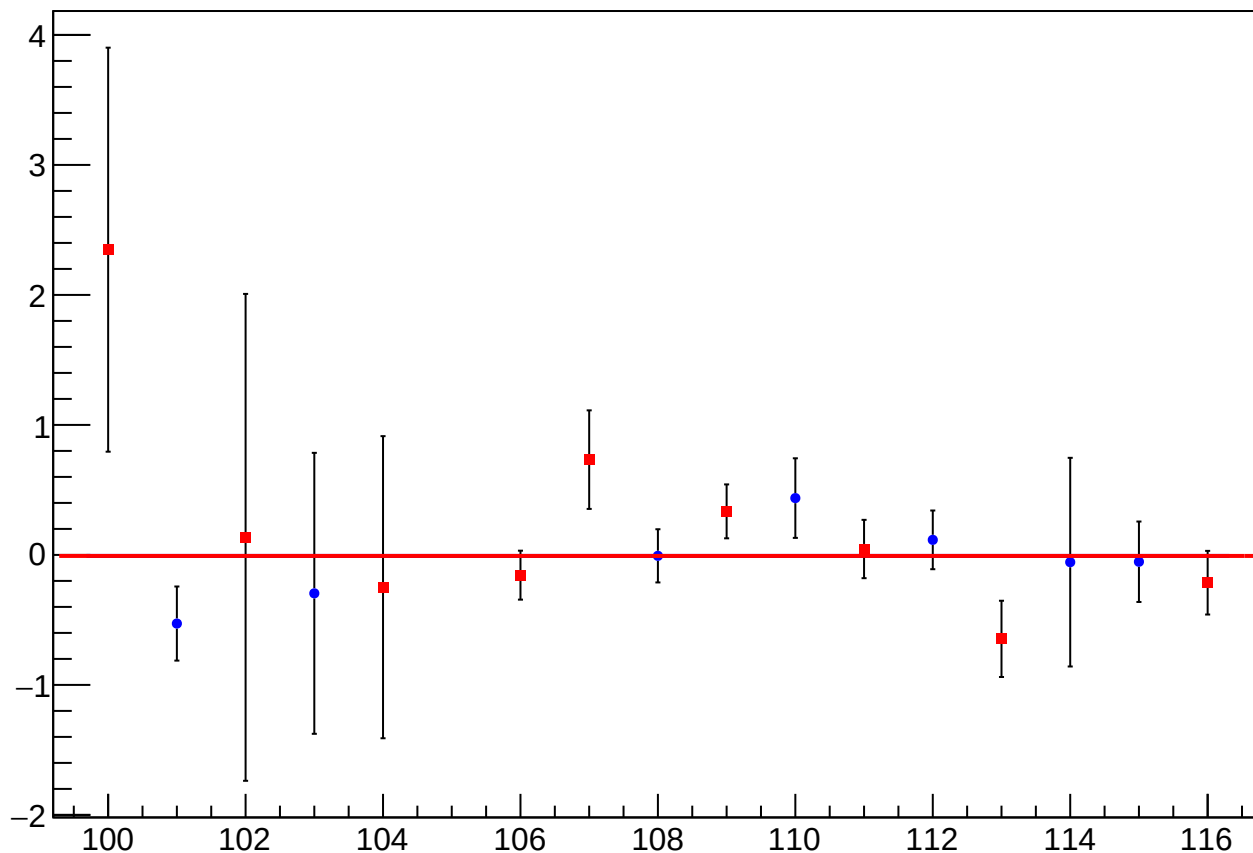
Right: 151.263+/-0.052 χ^2/NDF : 2632518.1/15

In: 164.379+/-0.079 χ^2/NDF : 1003538.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.263+/-0.052 χ^2/NDF : 2632518.1/15

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.112 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.096 χ^2/NDF : 15.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

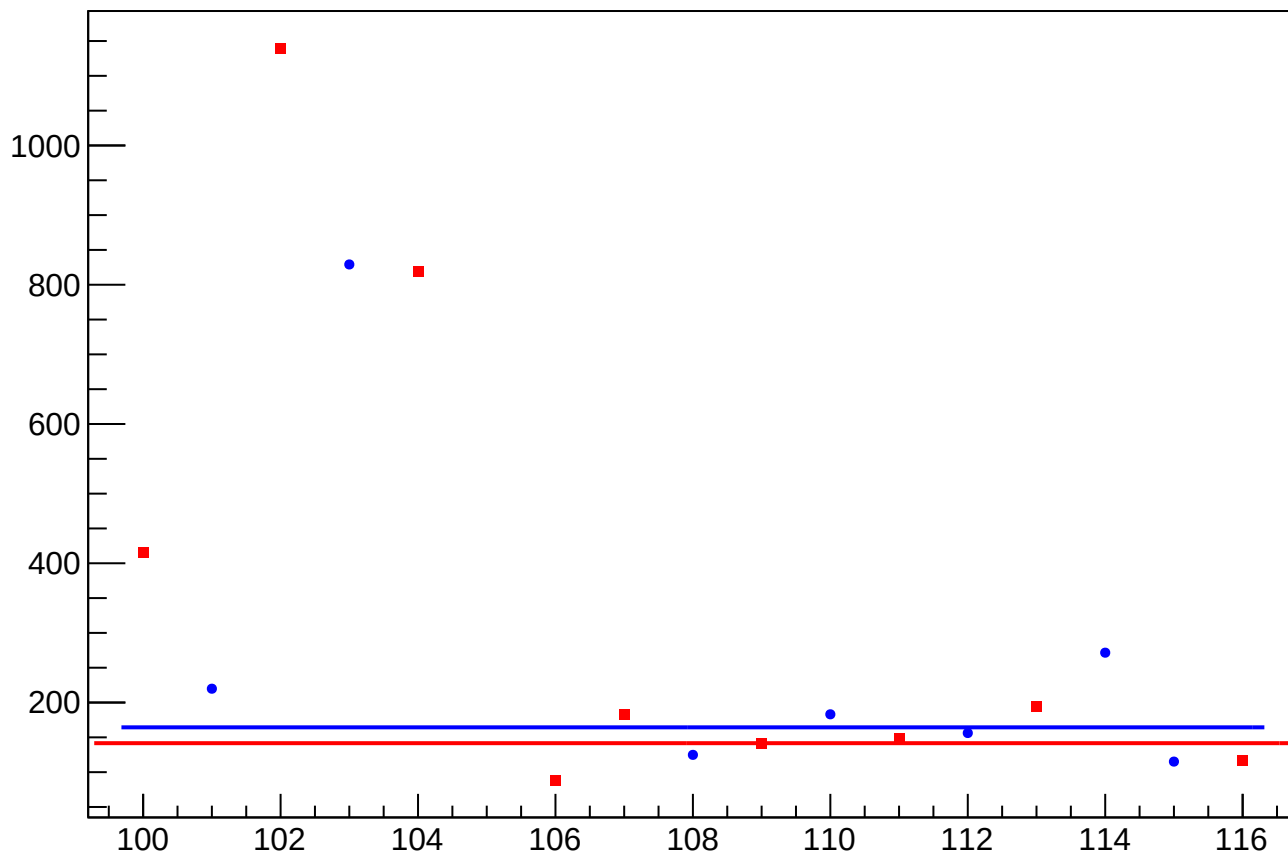
Right: -0.008+/-0.073 χ^2/NDF : 20.9/15

In: -0.008+/-0.112 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.073 χ^2/NDF : 20.9/15

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.379+/-0.079 χ^2/NDF : 1003538.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.631+/-0.068 χ^2/NDF : 1581634.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

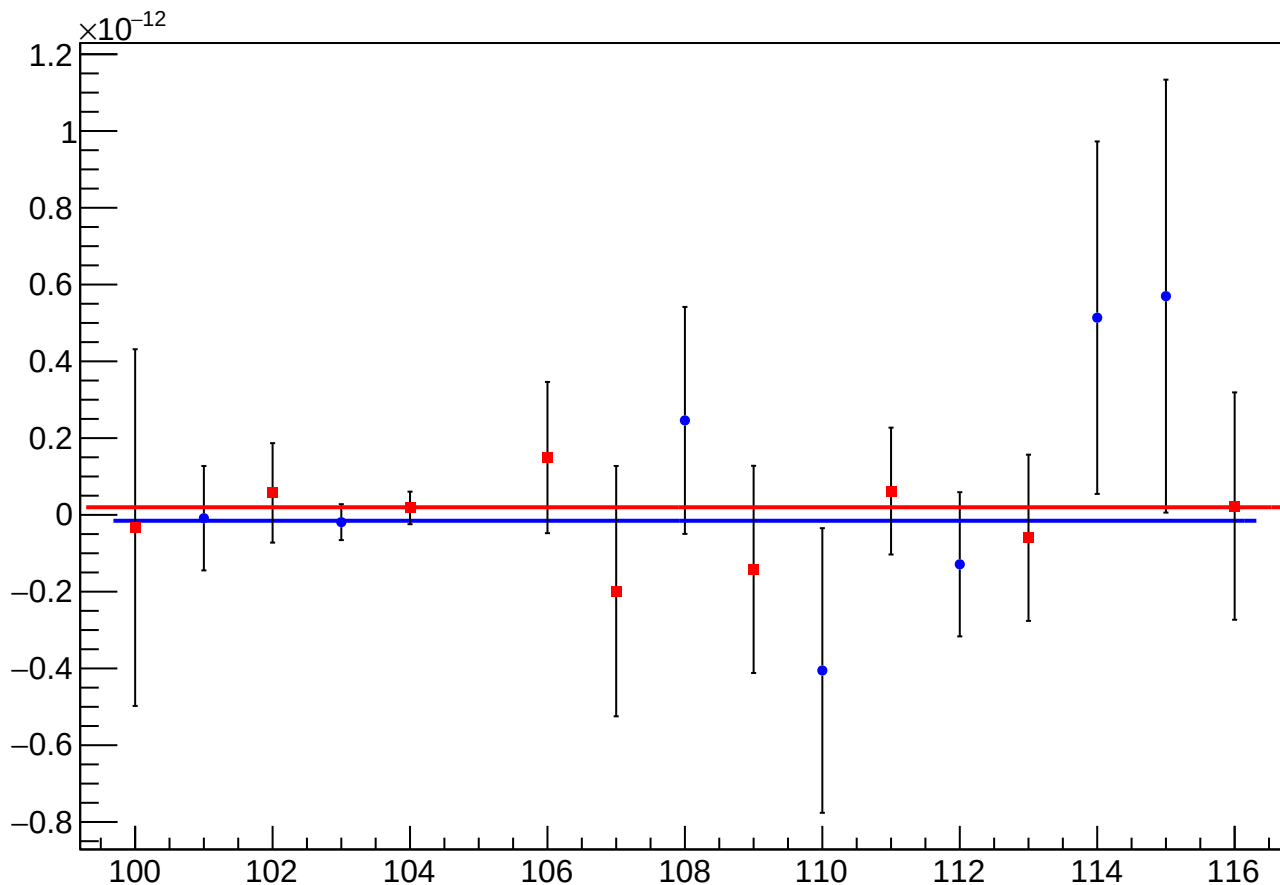
Right: 151.263+/-0.052 χ^2/NDF : 2632518.1/15

In: 164.379+/-0.079 χ^2/NDF : 1003538.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.263+/-0.052 χ^2/NDF : 2632518.1/15

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 : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

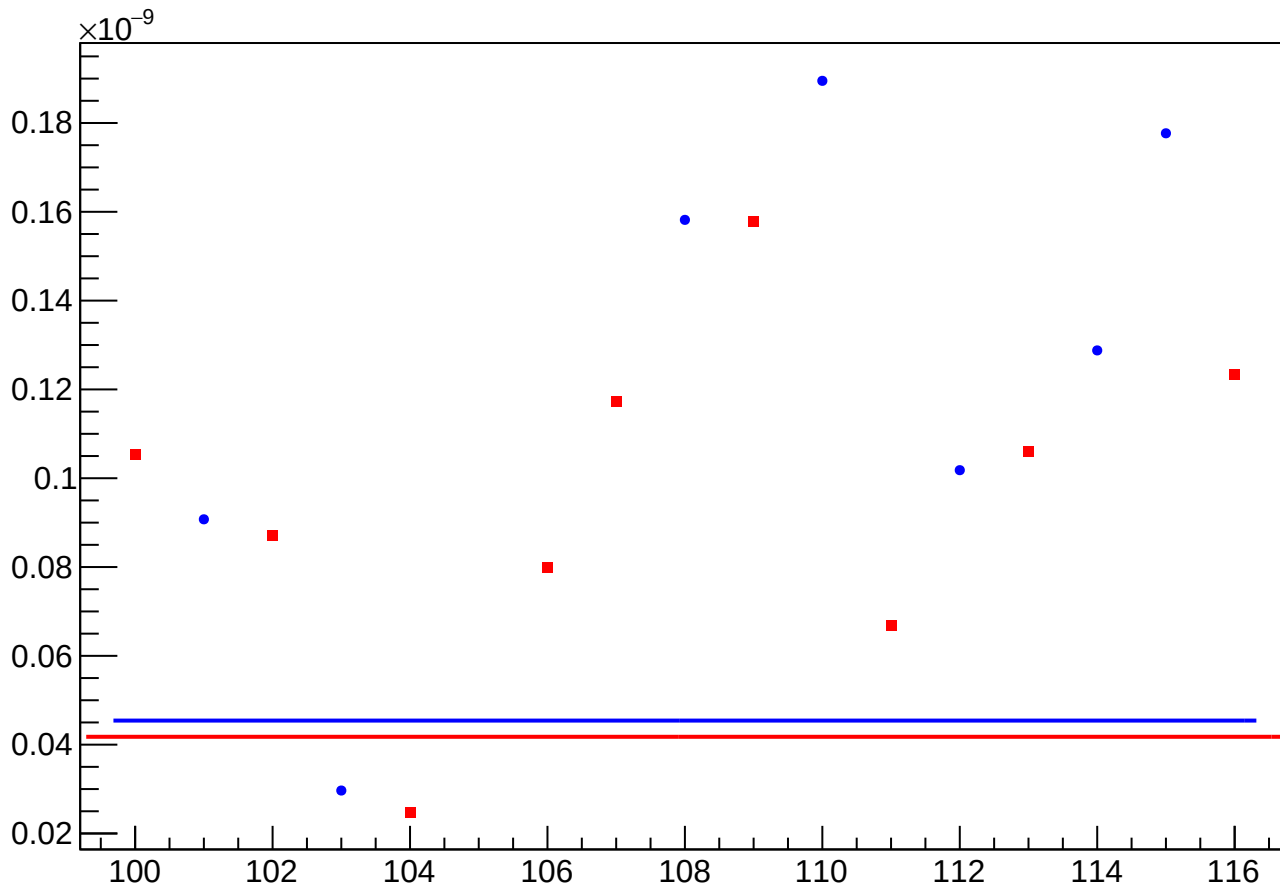
Right: 0.000+/-0.000 χ^2/NDF : 6.6/15

In: -0.000+/-0.000 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.6/15

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 : 1398189.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1534168.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

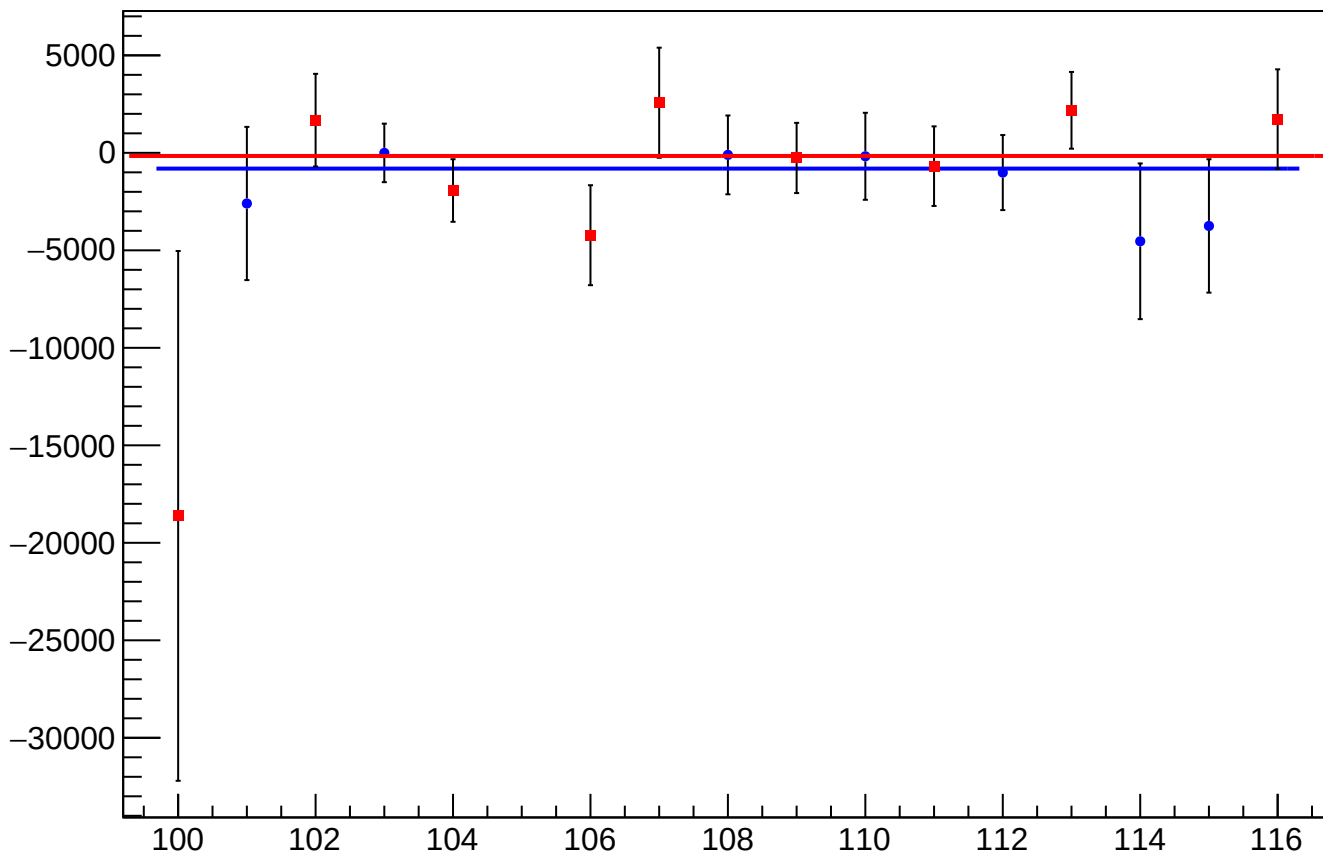
Right: 0.000+/-0.000 χ^2/NDF : 2940897.5/15

In: 0.000+/-0.000 χ^2/NDF : 1398189.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2940897.5/15

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -808.136+/-853.407 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.902+/-743.470 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

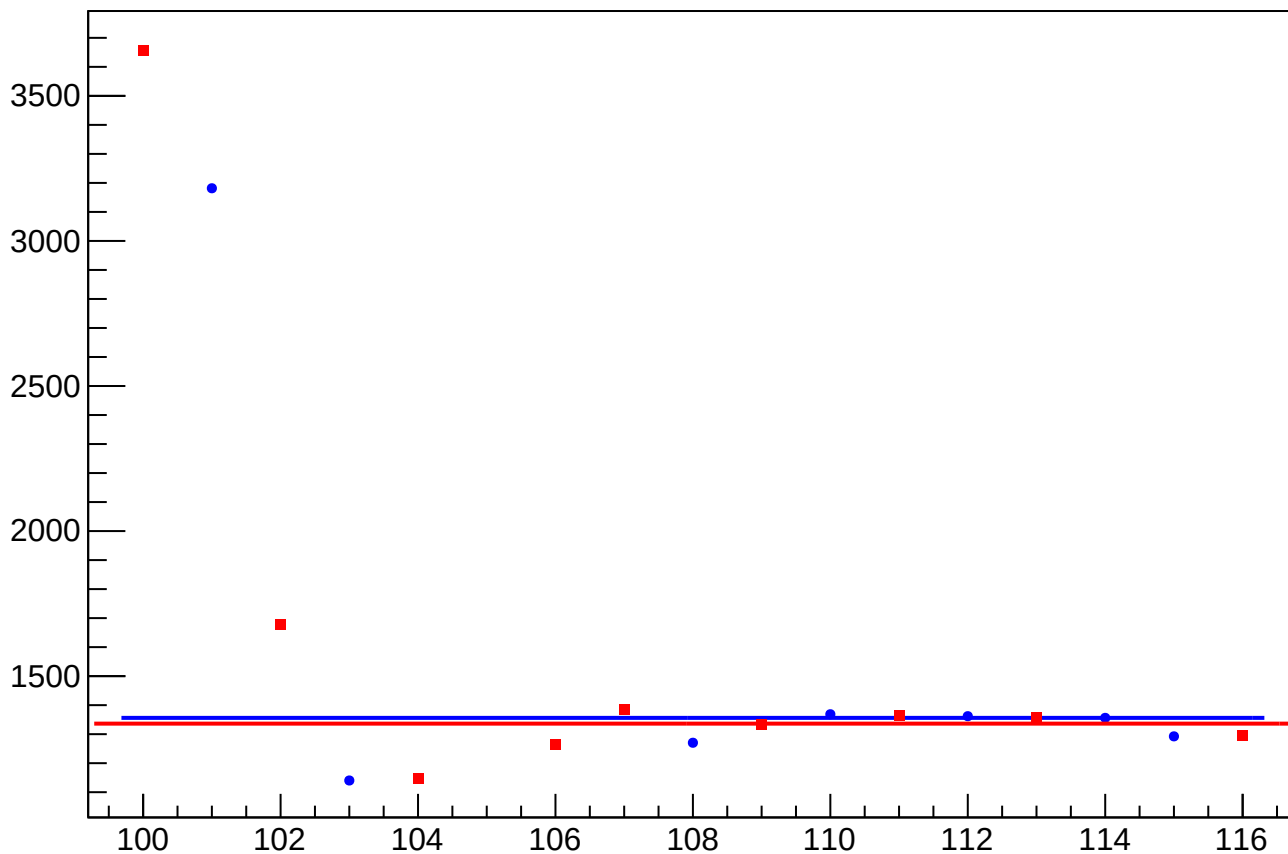
Right: -439.602+/-560.578 χ^2/NDF : 11.8/15

In: -808.136+/-853.407 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -439.602+/-560.578 χ^2/NDF : 11.8/15

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.171+/-0.603 χ^2/NDF : 477547.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.314+/-0.526 χ^2/NDF : 130057.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

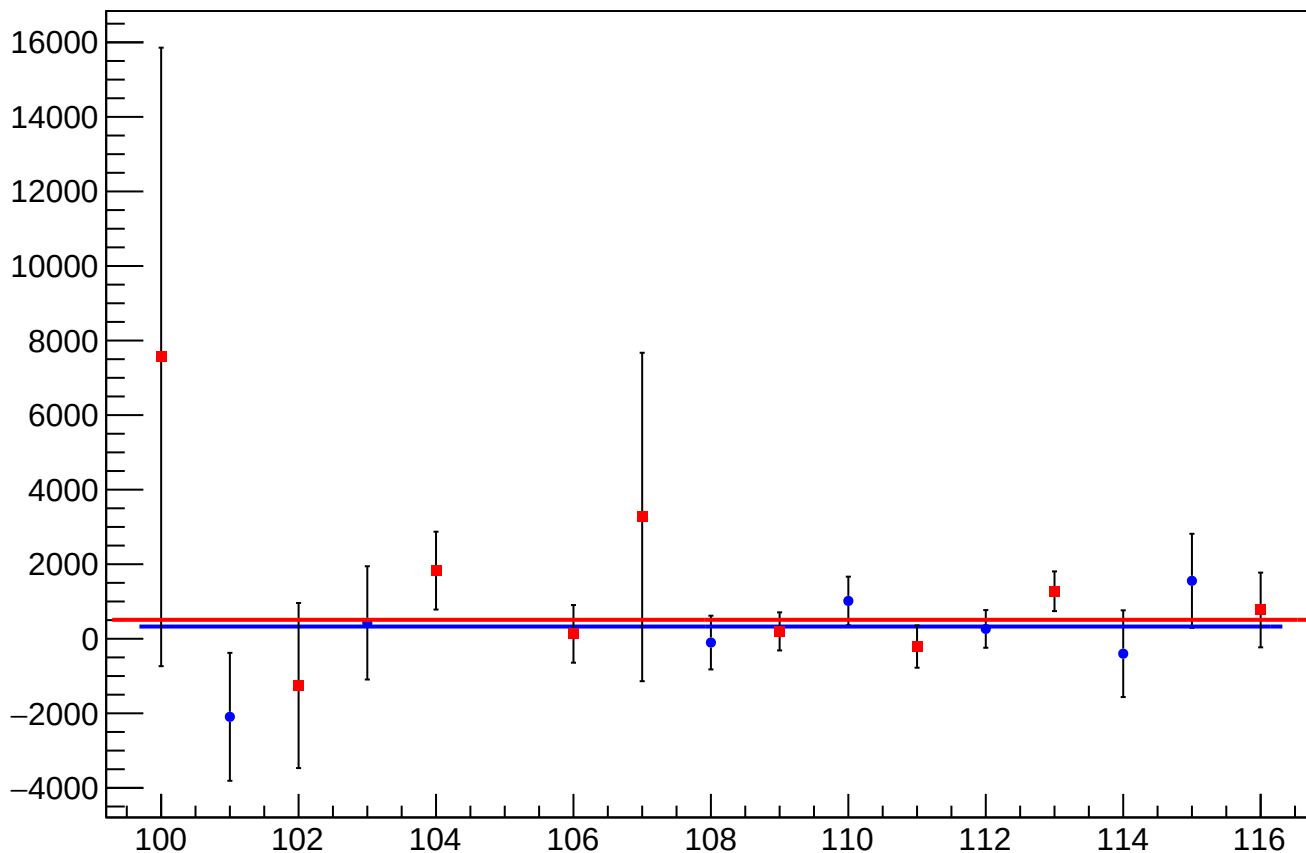
Right: 1344.882+/-0.396 χ^2/NDF : 608220.5/15

In: 1356.171+/-0.603 χ^2/NDF : 477547.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.882+/-0.396 χ^2/NDF : 608220.5/15

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 327.755 $\pm$ 311.007 χ^2 /NDF: 4.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 508.939 $\pm$ 264.319 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

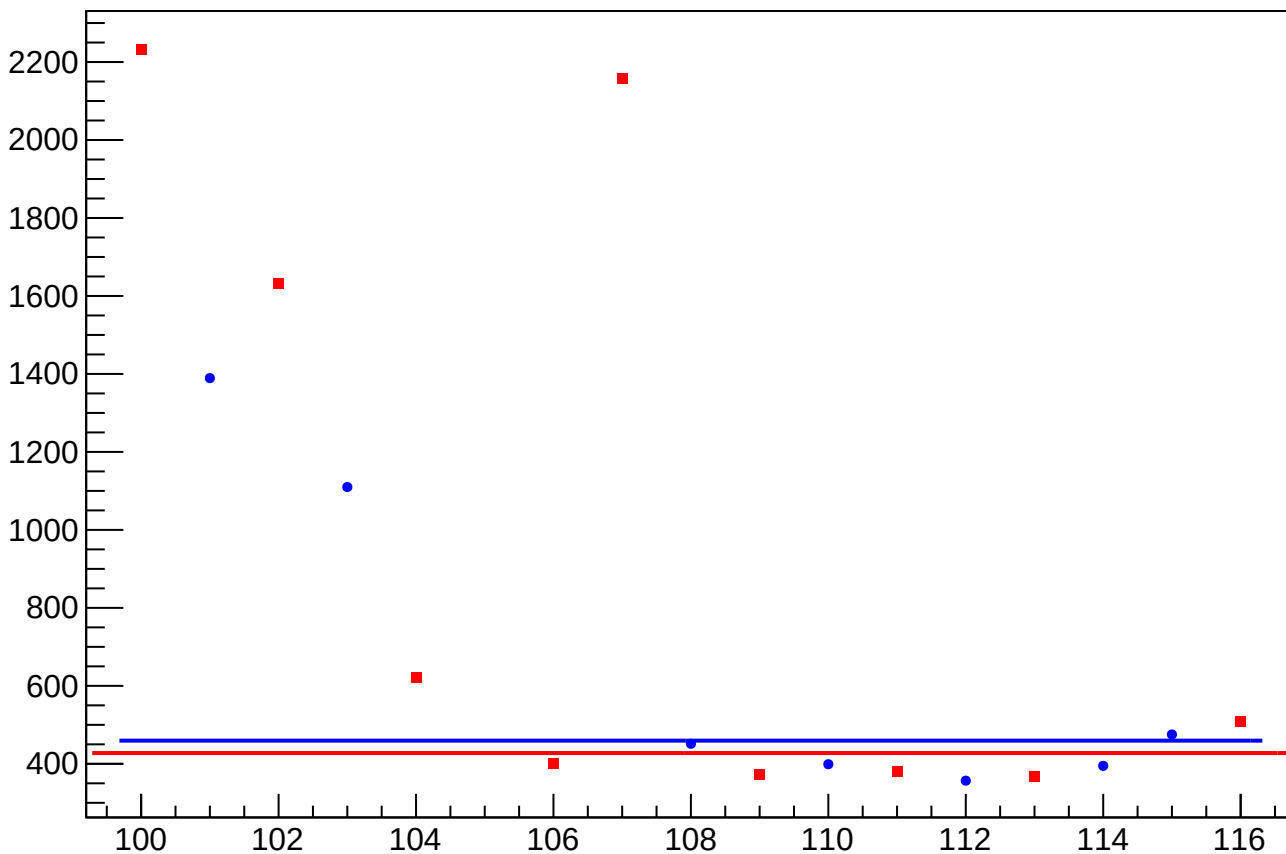
Right: 432.954 $\pm$ 201.407 χ^2 /NDF: 12.7/15

In: 327.755 $\pm$ 311.007 χ^2 /NDF:4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 432.954 $\pm$ 201.407 χ^2 /NDF: 12.7/15

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 459.464+/-0.220 χ^2/NDF : 1060253.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.631+/-0.187 χ^2/NDF : 1141939.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

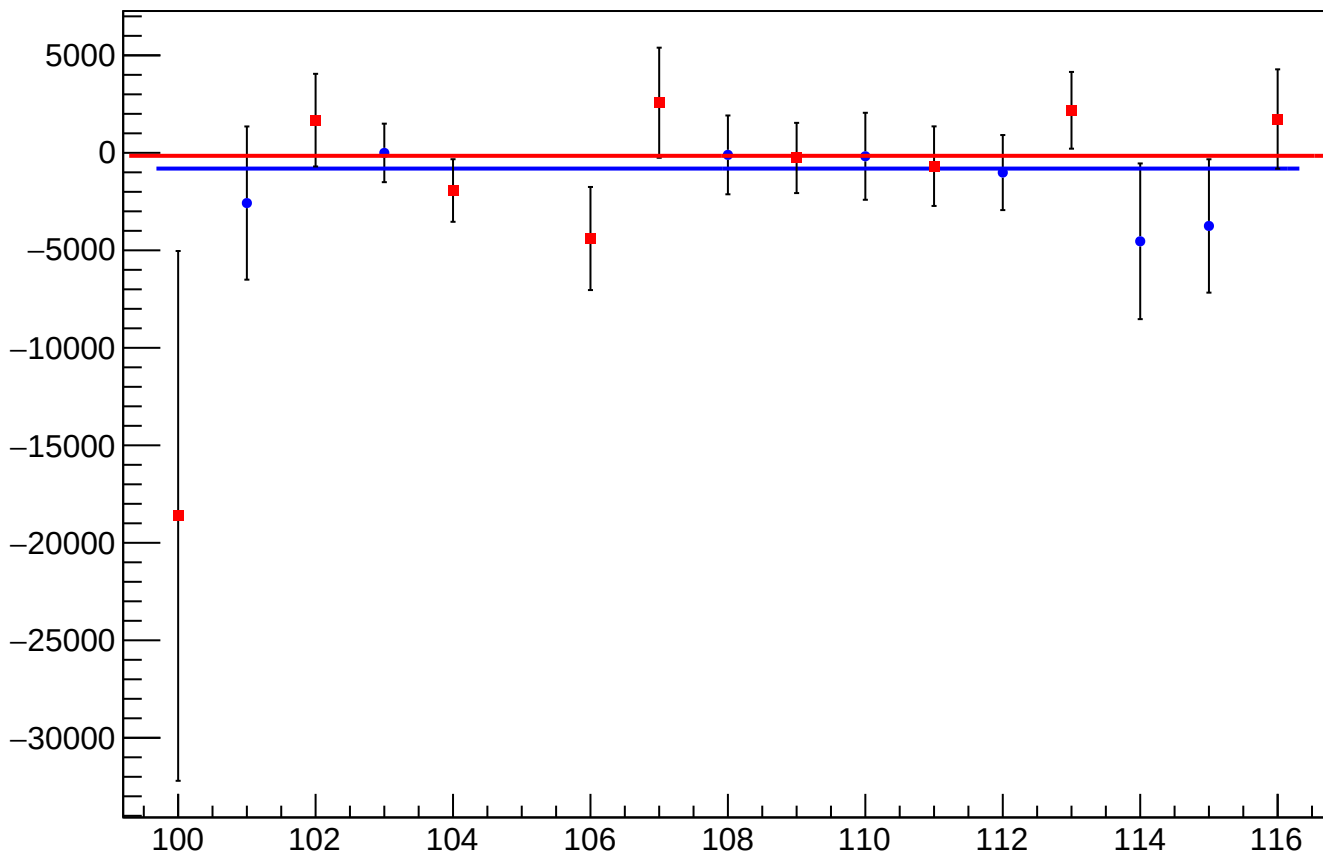
Right: 440.981+/-0.142 χ^2/NDF : 2214357.8/15

In: 459.464+/-0.220 χ^2/NDF : 1060253.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.981+/-0.142 χ^2/NDF : 2214357.8/15

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.882+/-745.348 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

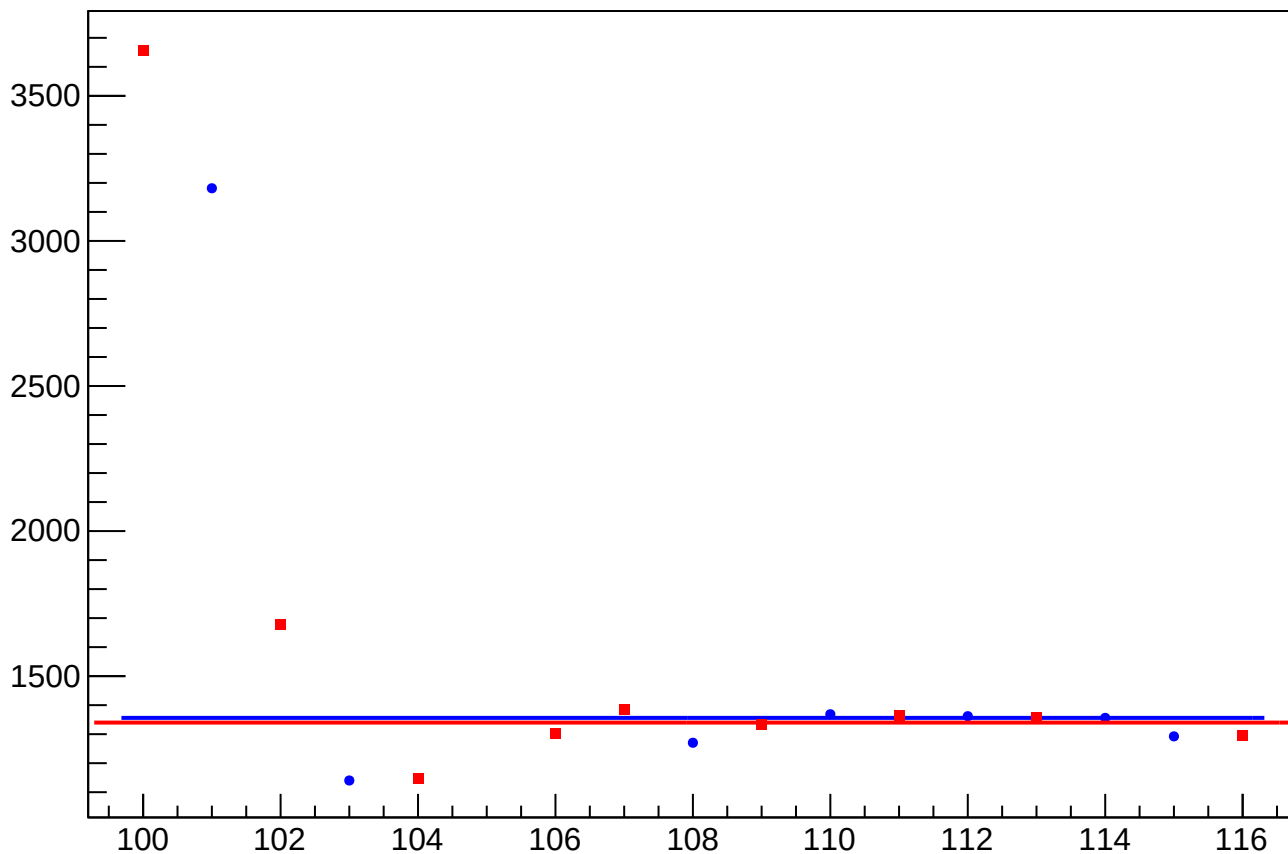
Right: -435.924+/-561.382 χ^2/NDF : 11.8/15

In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.924+/-561.382 χ^2/NDF : 11.8/15

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

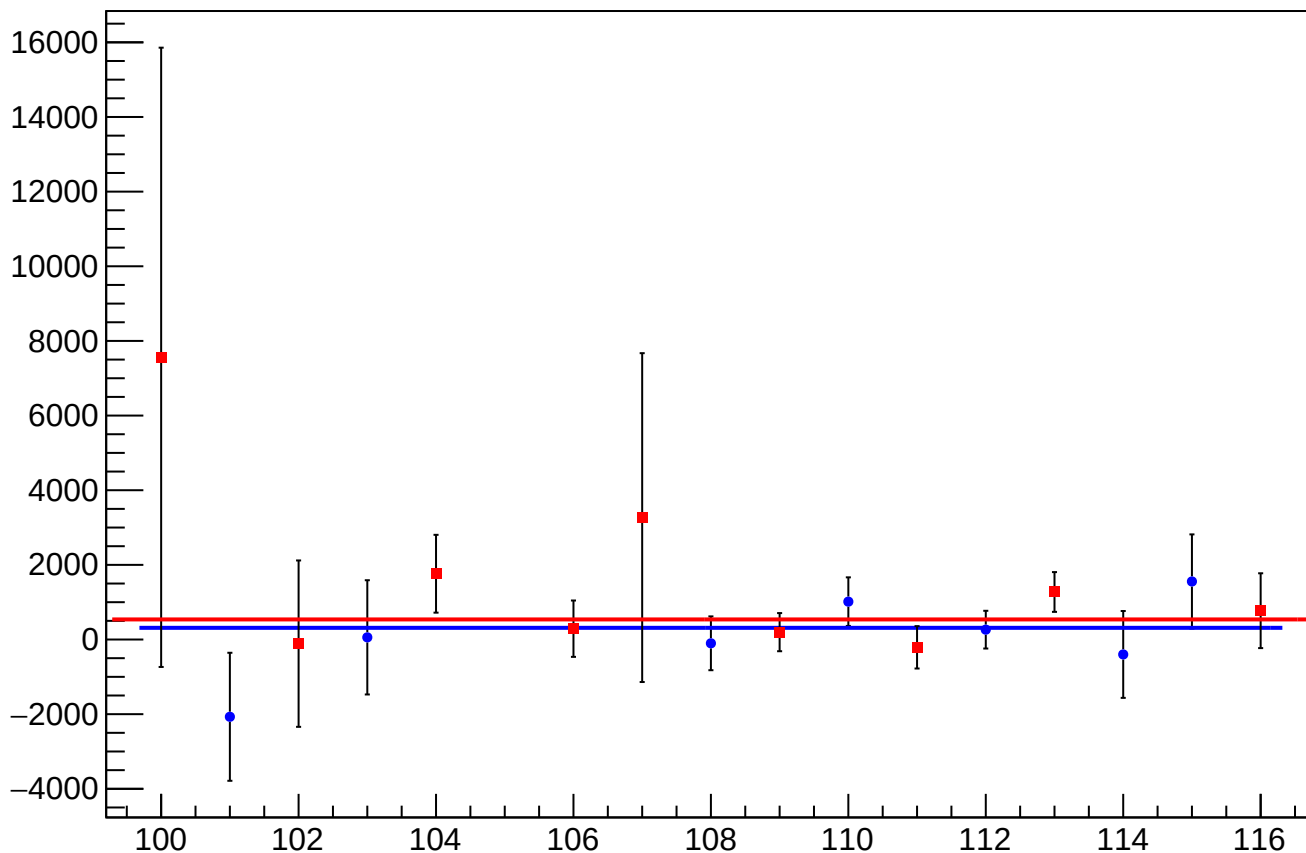
Right: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.313+/-263.562 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

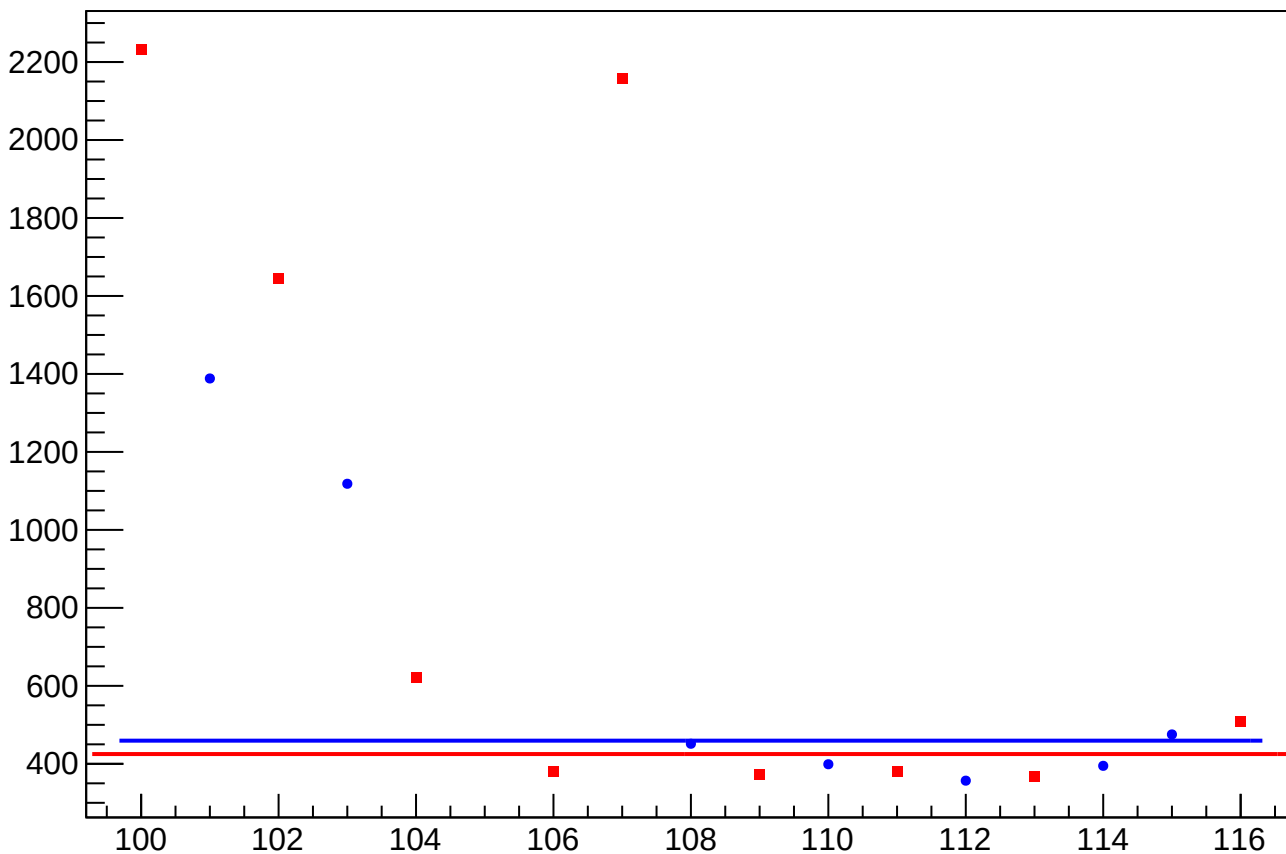
Right: 444.257+/-201.096 χ^2/NDF : 11.9/15

In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.257+/-201.096 χ^2/NDF : 11.9/15

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

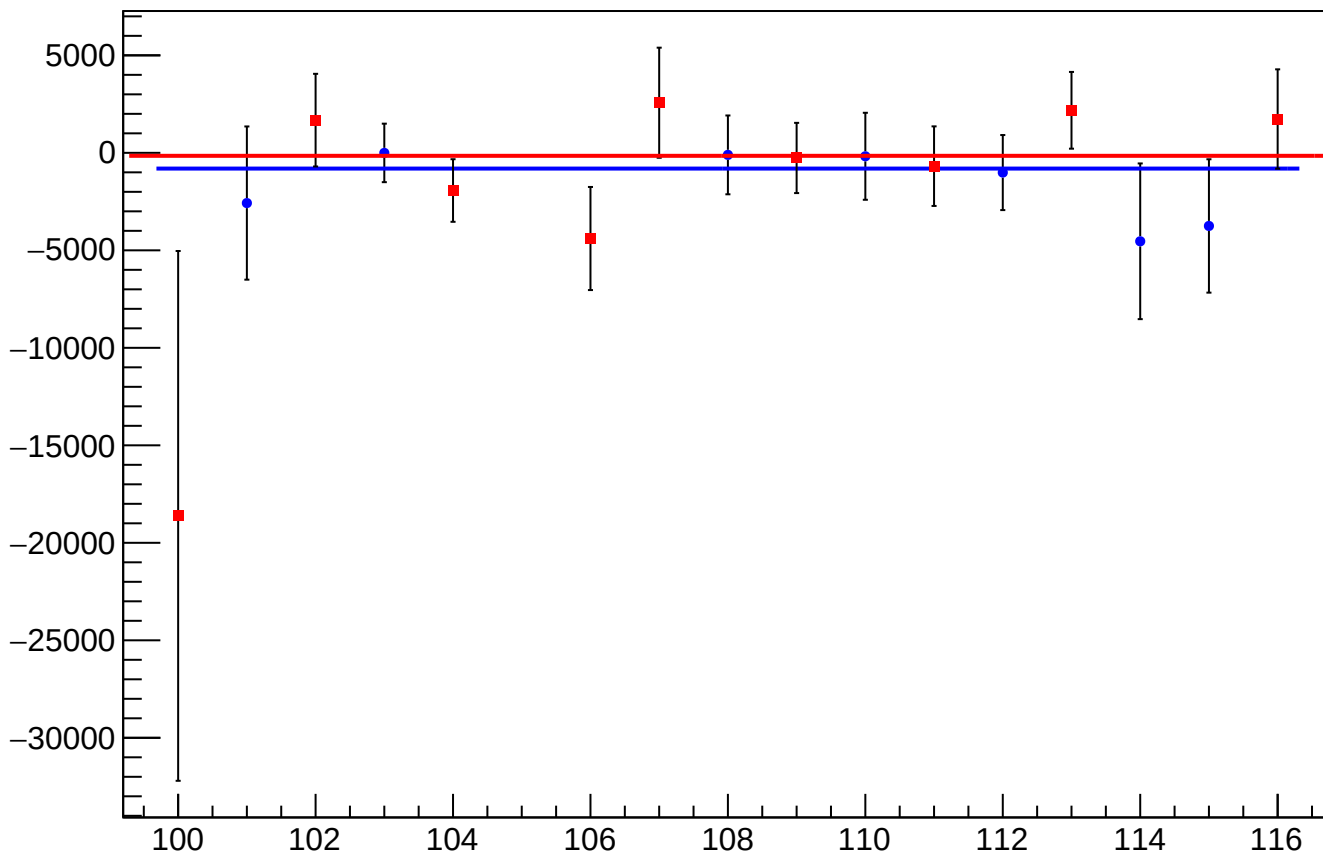
Right: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

In: 459.425+/-0.220 χ^2/NDF :1063858.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.882+/-745.348 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

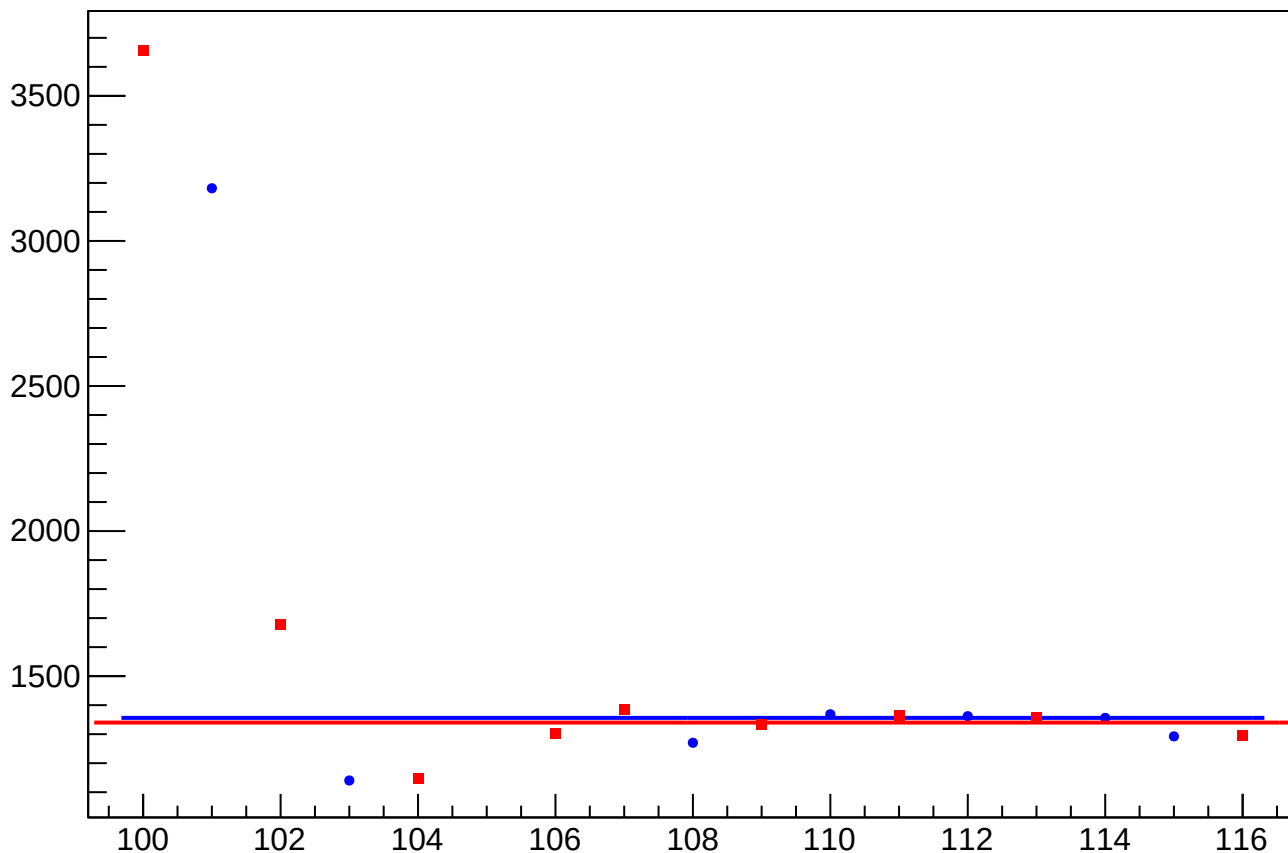
Right: -435.924+/-561.382 χ^2/NDF : 11.8/15

In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.924+/-561.382 χ^2/NDF : 11.8/15

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

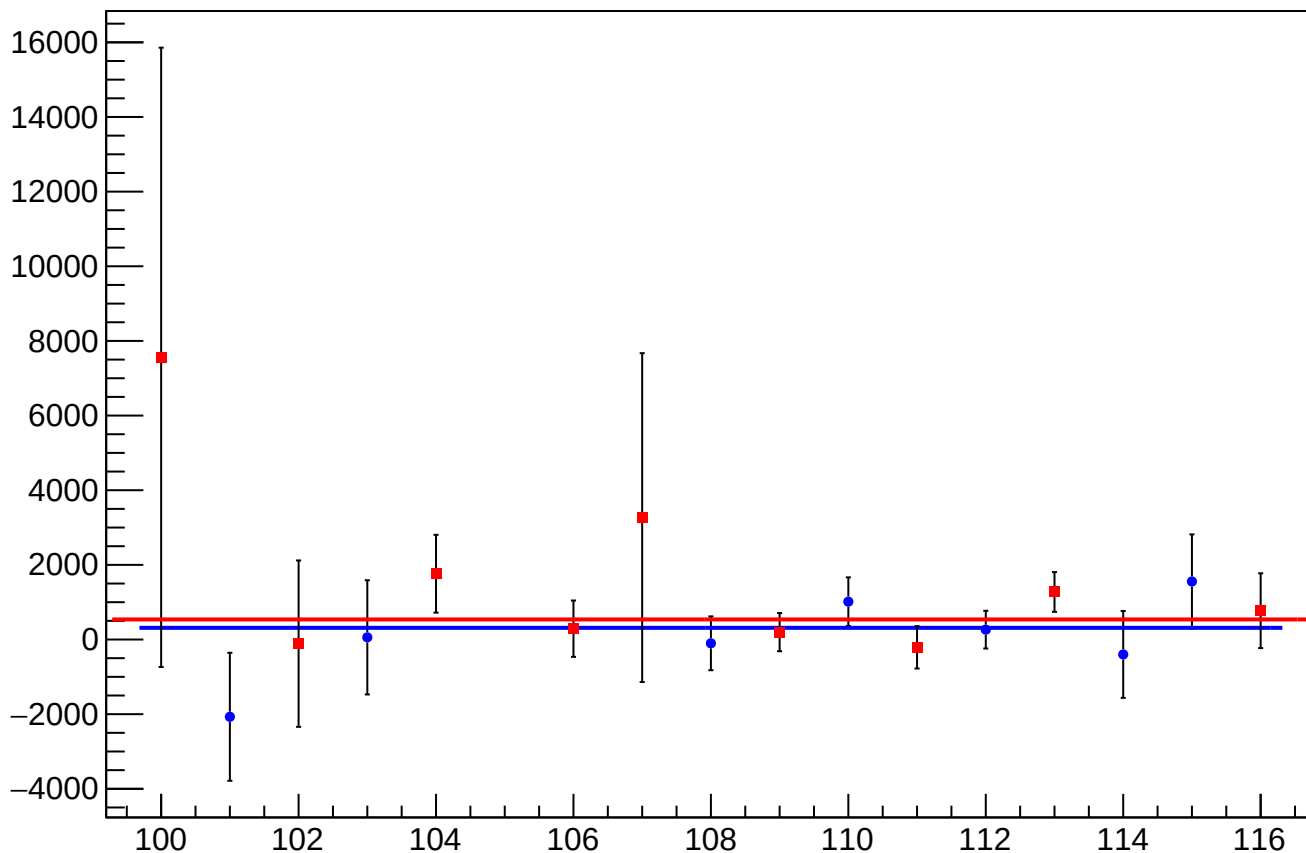
Right: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.313+/-263.562 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

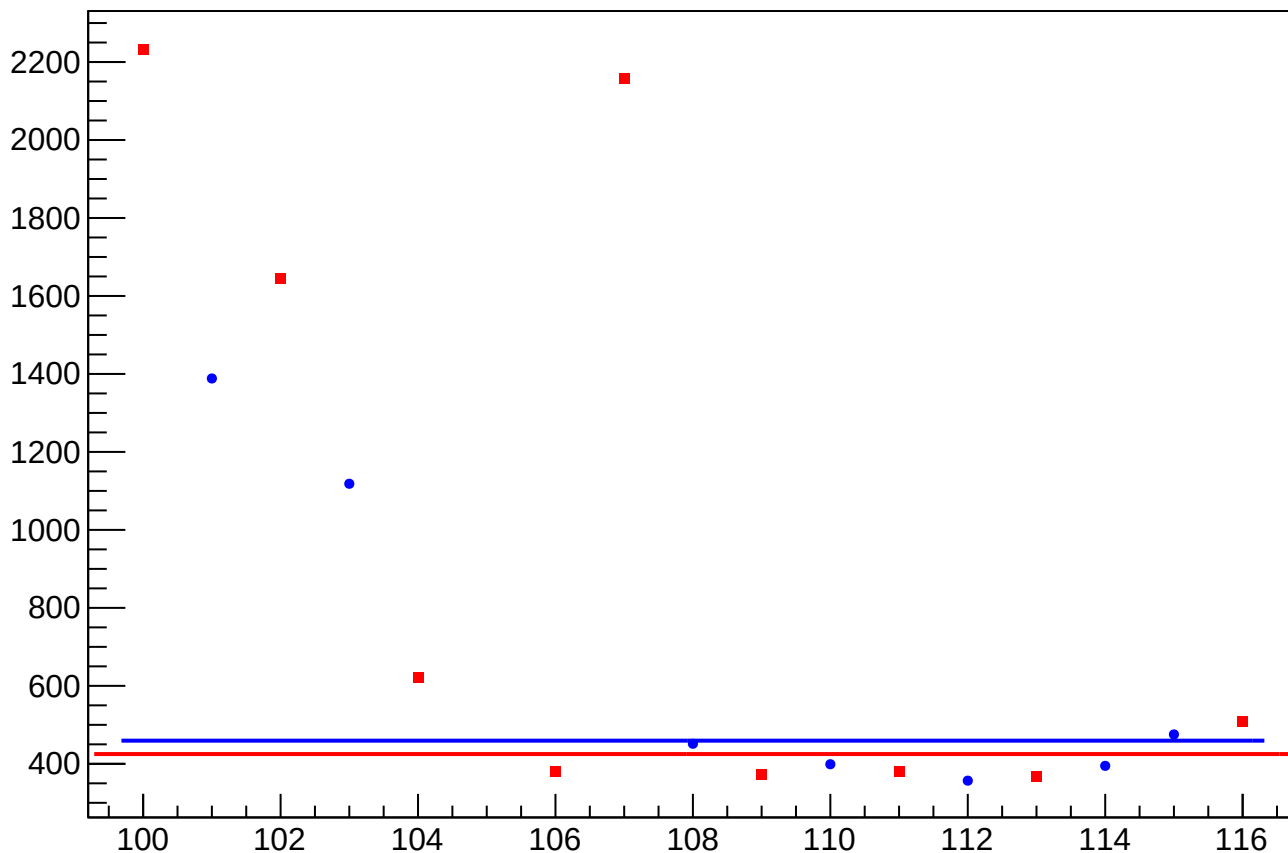
Right: 444.257+/-201.096 χ^2/NDF : 11.9/15

In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.257+/-201.096 χ^2/NDF : 11.9/15

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

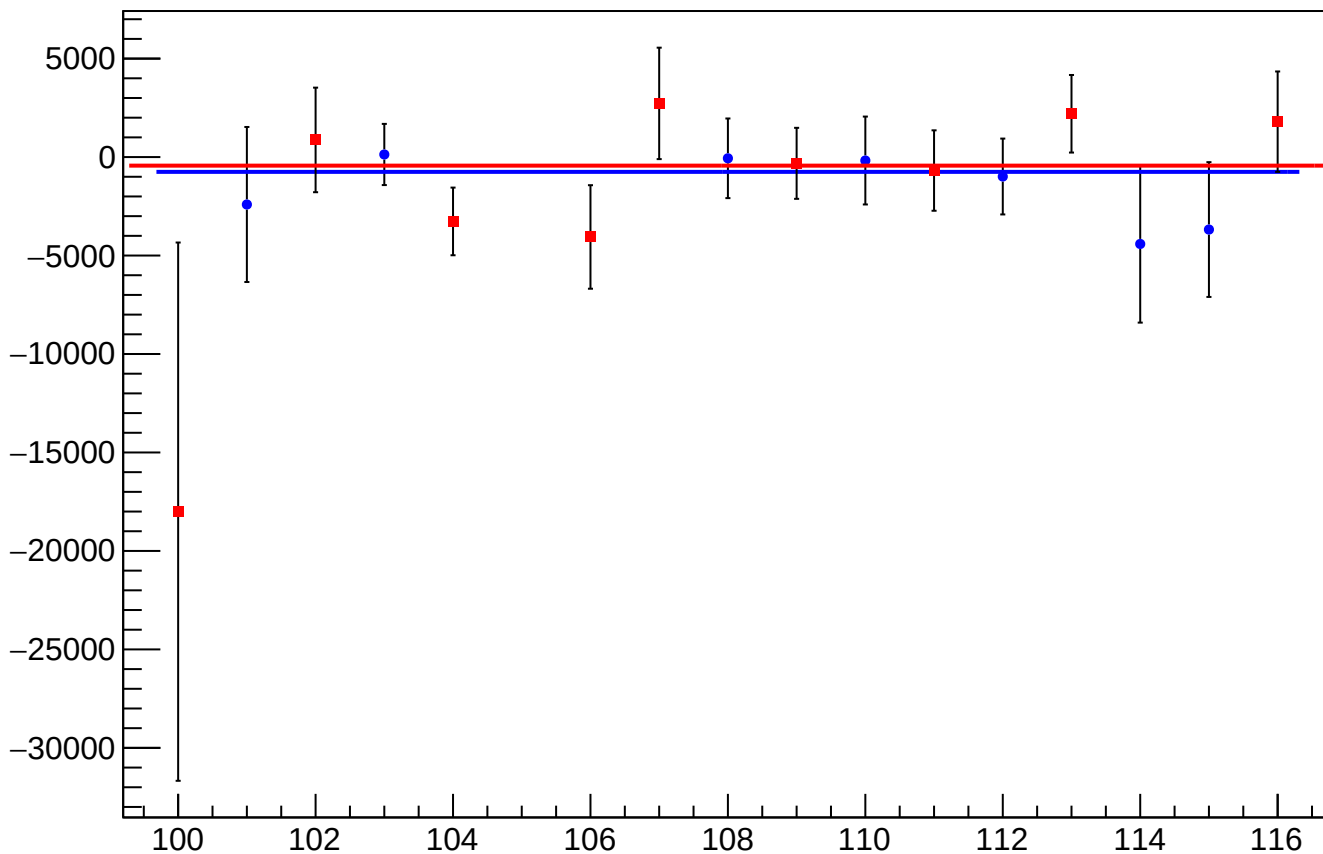
Right: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -751.186+/-863.159 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.698+/-763.627 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

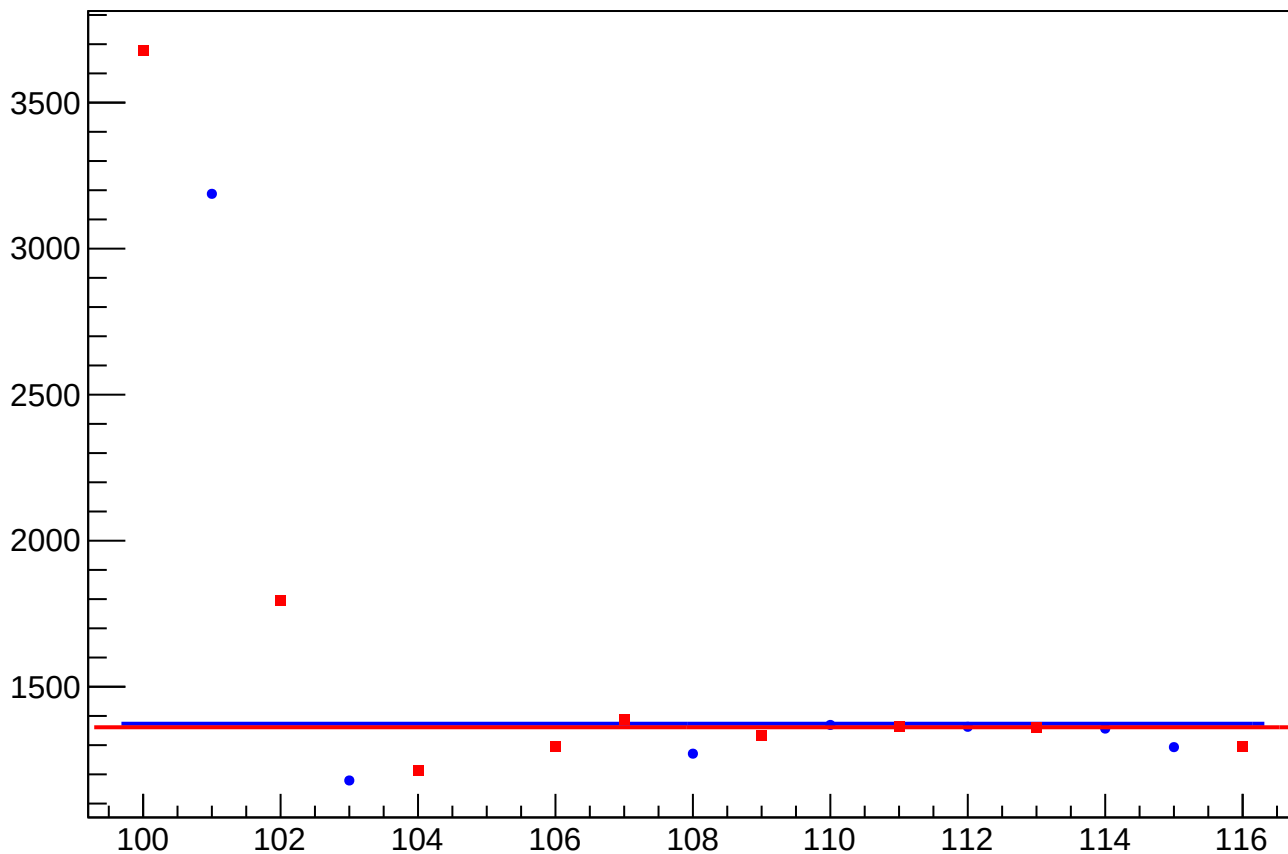
Right: -573.650+/-571.933 χ^2/NDF : 12.7/15

In: -751.186+/-863.159 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.650+/-571.933 χ^2/NDF : 12.7/15

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1373.310+/-0.610 χ^2/NDF : 462551.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

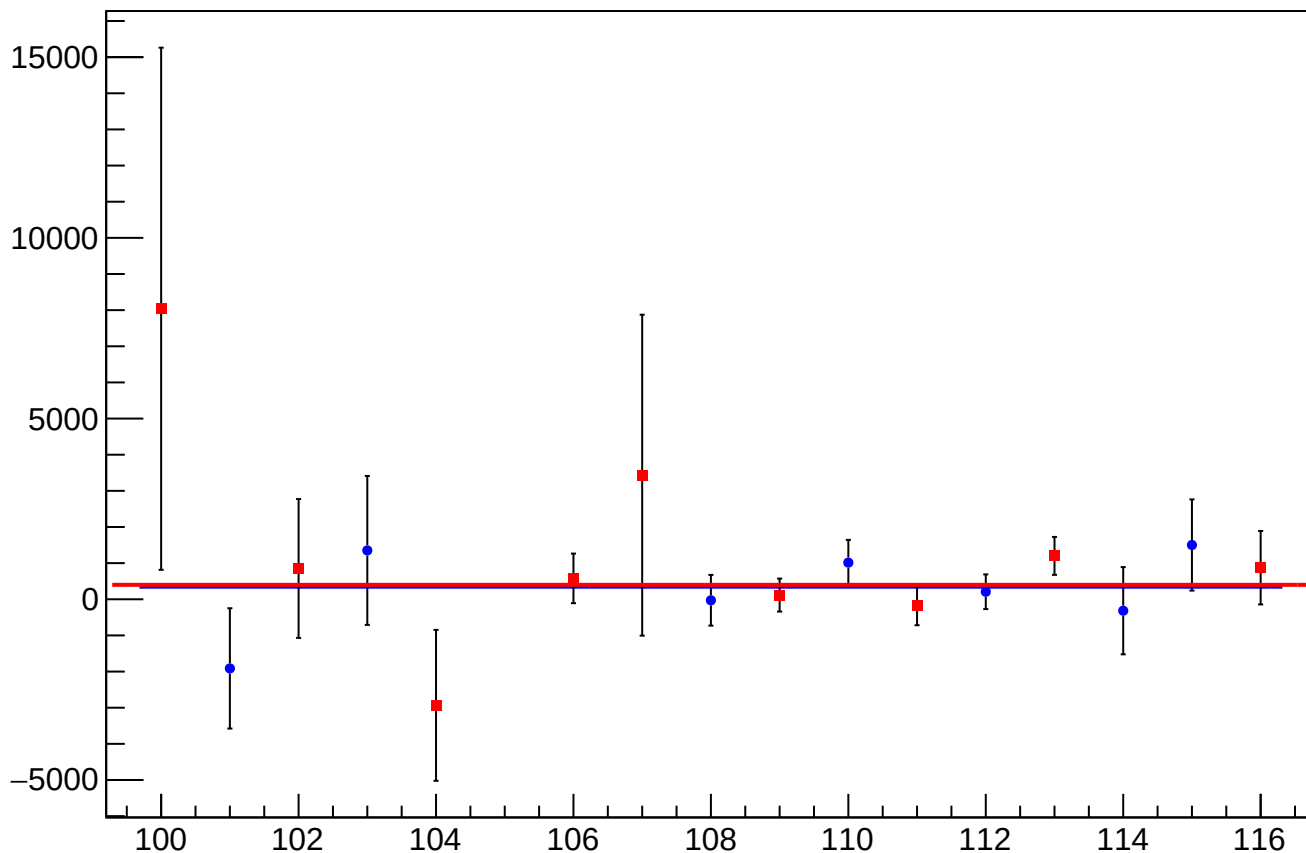
Right: 1366.534+/-0.404 χ^2/NDF : 591477.2/15

In: 1373.310+/-0.610 χ^2/NDF : 462551.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.534+/-0.404 χ^2/NDF : 591477.2/15

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.447+/-304.083 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 399.949+/-253.161 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

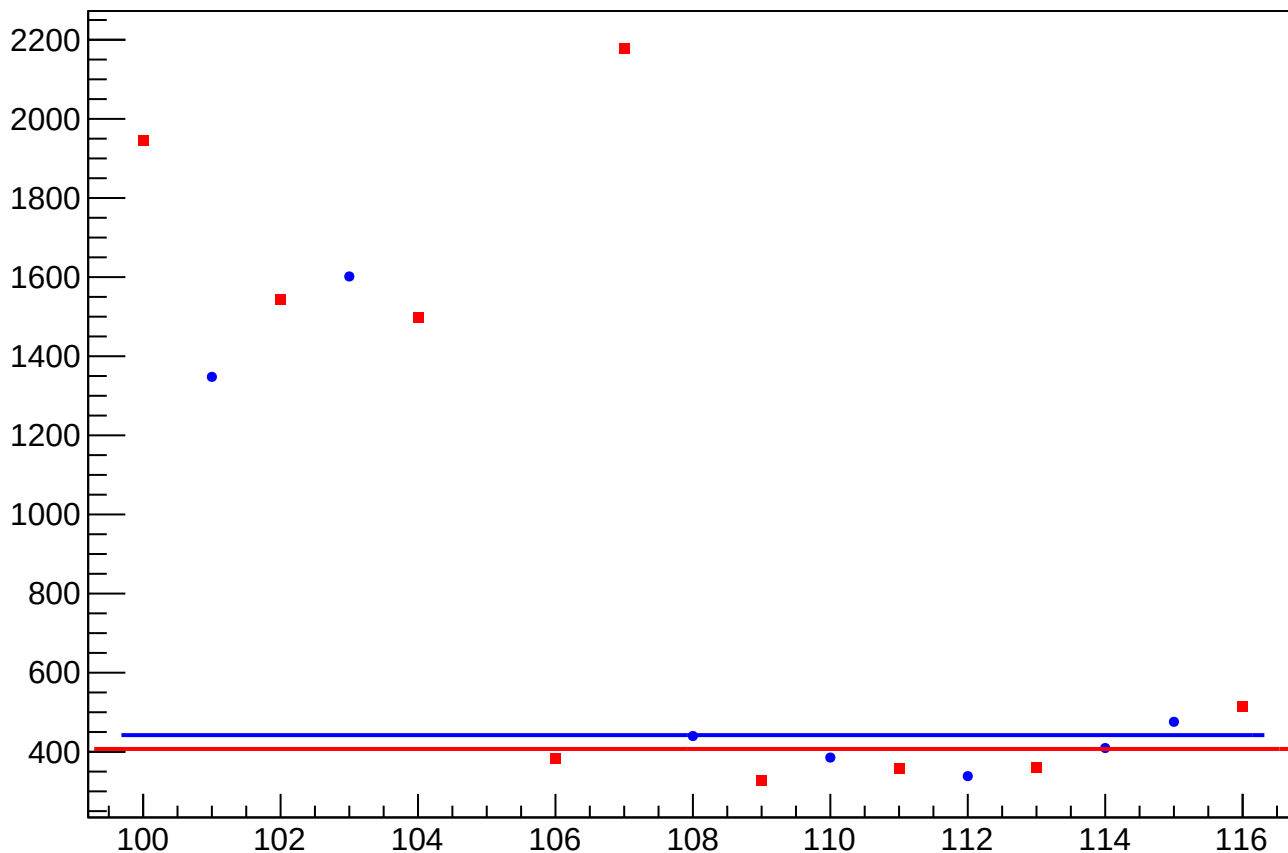
Right: 378.865+/-194.559 χ^2/NDF : 13.1/15

In: 348.447+/-304.083 χ^2/NDF :4.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 378.865+/-194.559 χ^2/NDF : 13.1/15

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.176+/-0.215 χ^2/NDF : 1337957.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.208+/-0.179 χ^2/NDF : 1773528.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

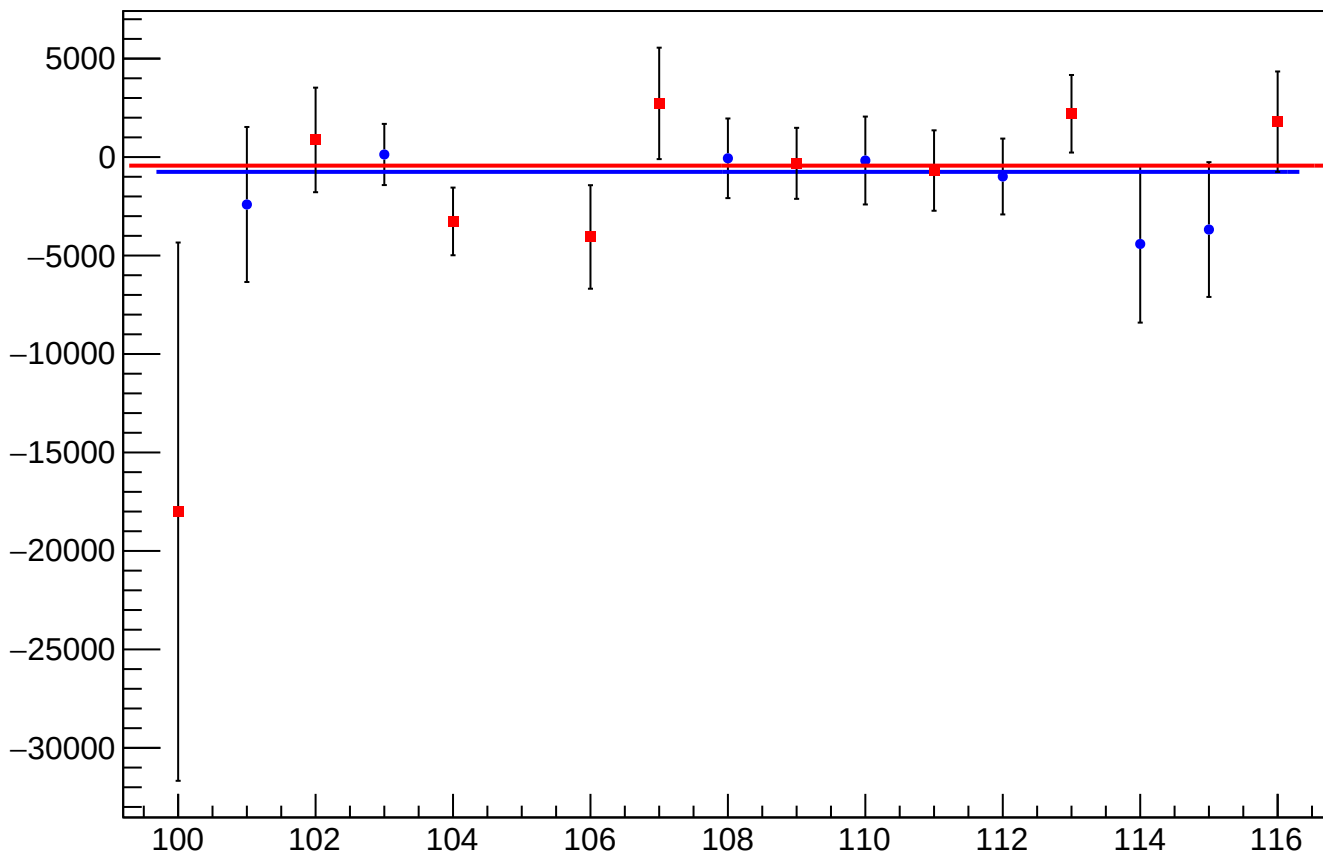
Right: 421.523+/-0.138 χ^2/NDF : 3127106.5/15

In: 442.176+/-0.215 χ^2/NDF : 1337957.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.523+/-0.138 χ^2/NDF : 3127106.5/15

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -751.183+/-863.159 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.698+/-763.627 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

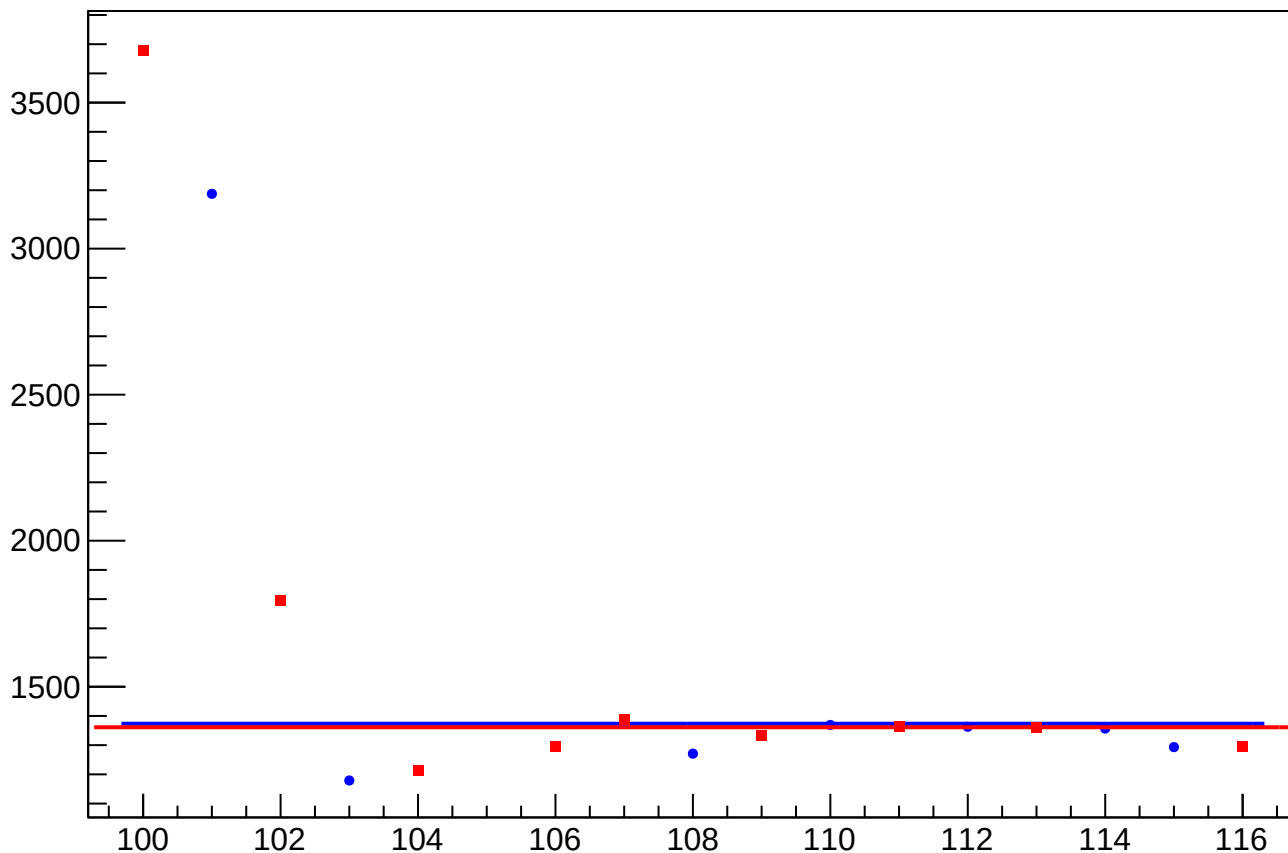
Right: -573.649+/-571.934 χ^2/NDF : 12.7/15

In: -751.183+/-863.159 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.649+/-571.934 χ^2/NDF : 12.7/15

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1373.310+/-0.610 χ^2/NDF : 462551.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

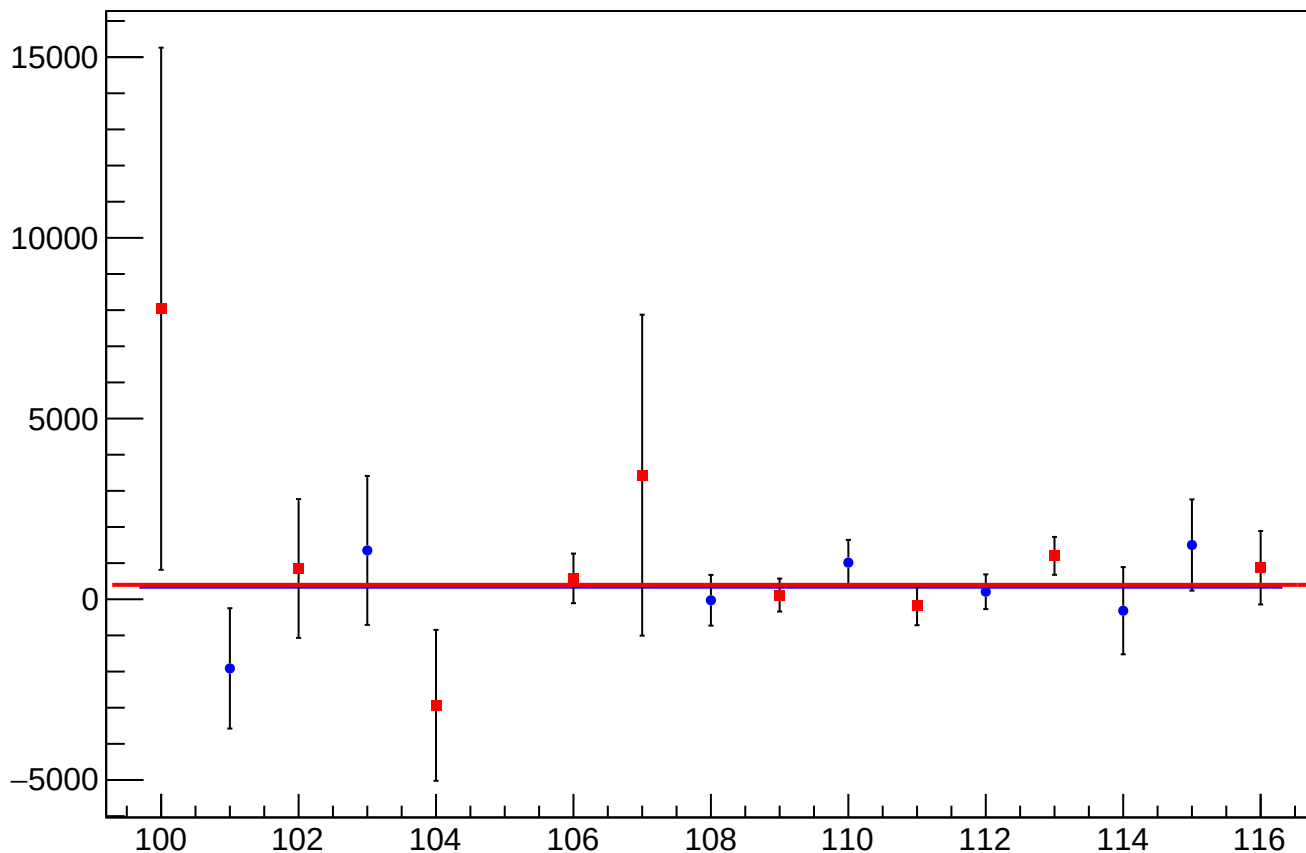
Right: 1366.534+/-0.404 χ^2/NDF : 591477.1/15

In: 1373.310+/-0.610 χ^2/NDF : 462551.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.534+/-0.404 χ^2/NDF : 591477.1/15

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.446+/-304.081 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.947+/-253.160 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

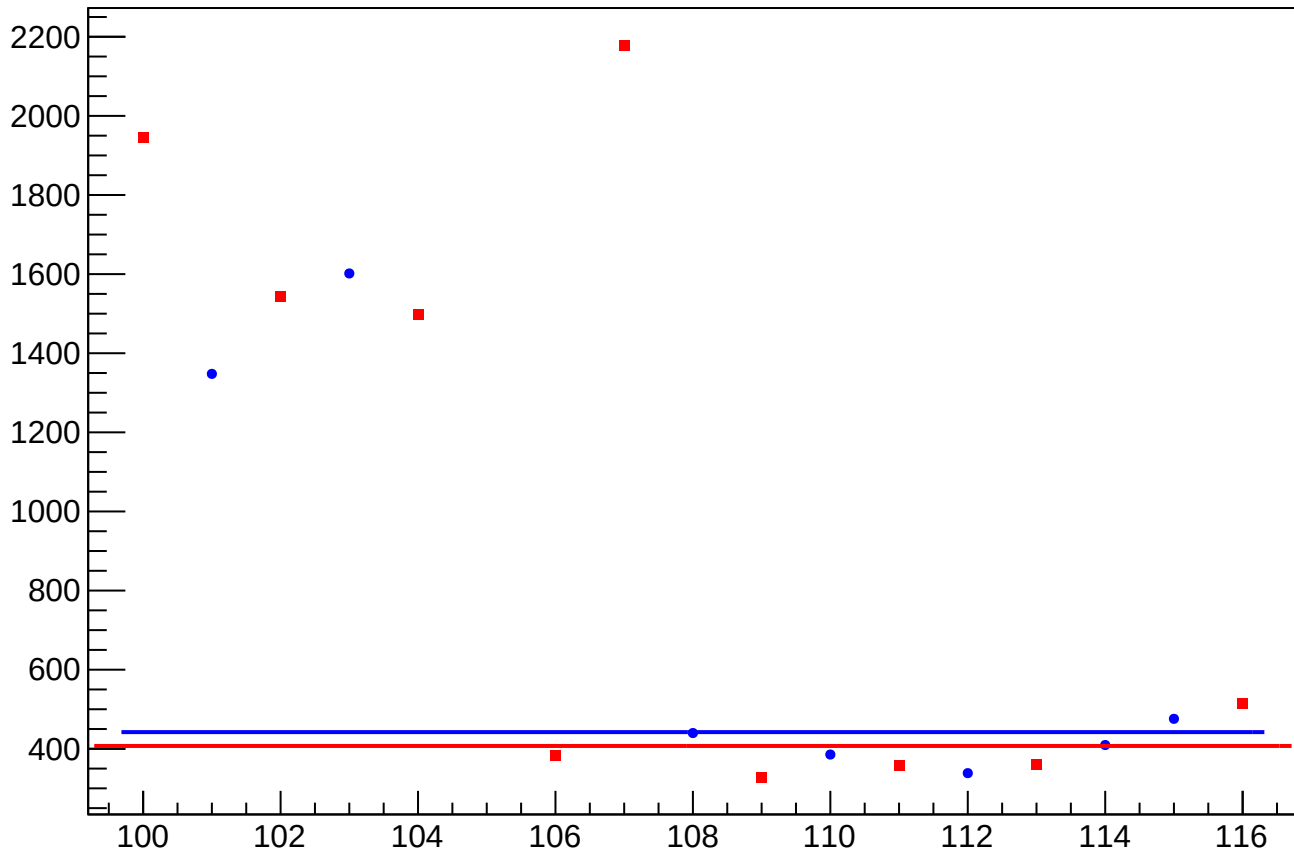
Right: 378.864+/-194.558 χ^2/NDF : 13.1/15

In: 348.446+/-304.081 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.864+/-194.558 χ^2/NDF : 13.1/15

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.174+/-0.215 χ^2/NDF : 1337960.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.206+/-0.179 χ^2/NDF : 1773535.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

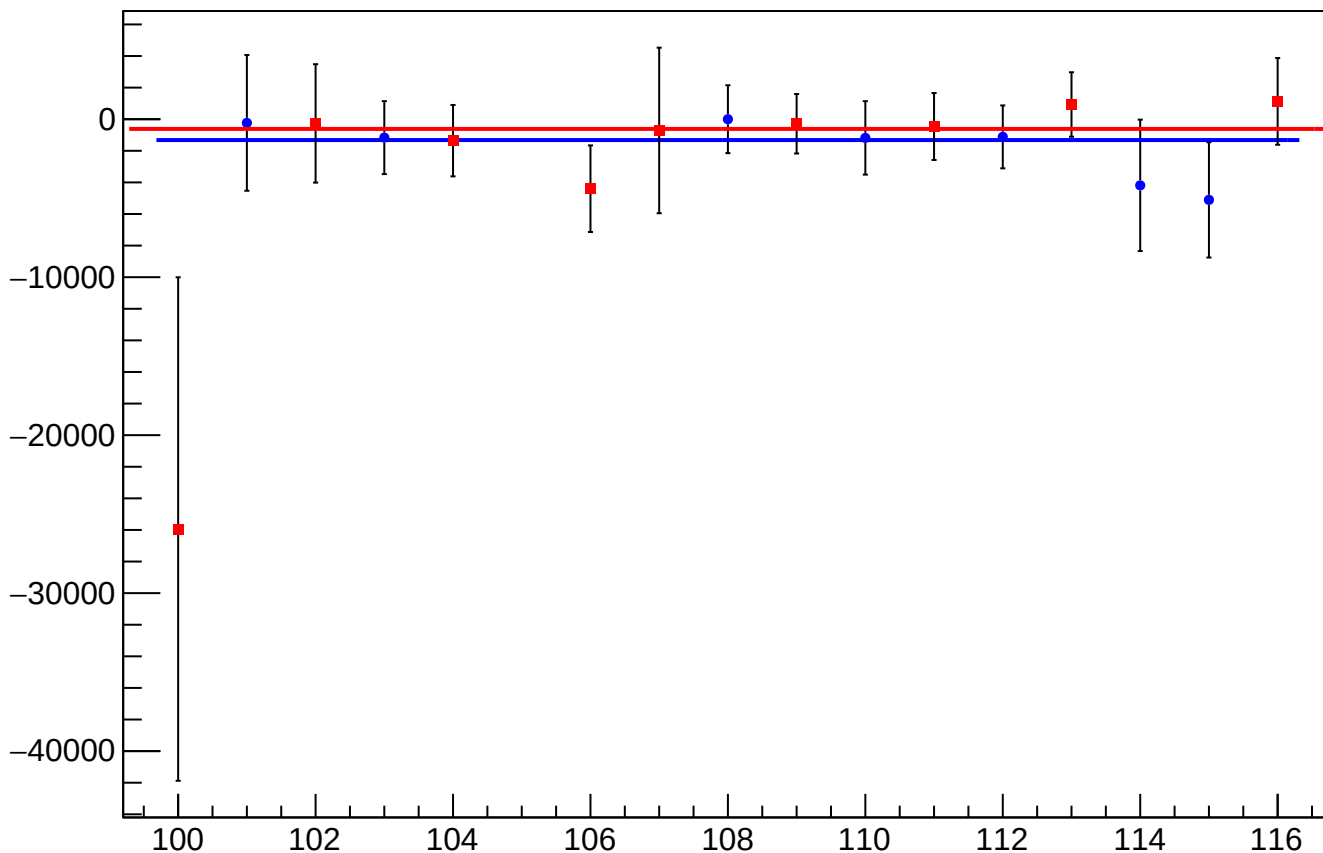
Right: 421.521+/-0.138 χ^2/NDF : 3127116.5/15

In: 442.174+/-0.215 χ^2/NDF : 1337960.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.521+/-0.138 χ^2/NDF : 3127116.5/15

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1319.441+/-986.027 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -613.428+/-870.812 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

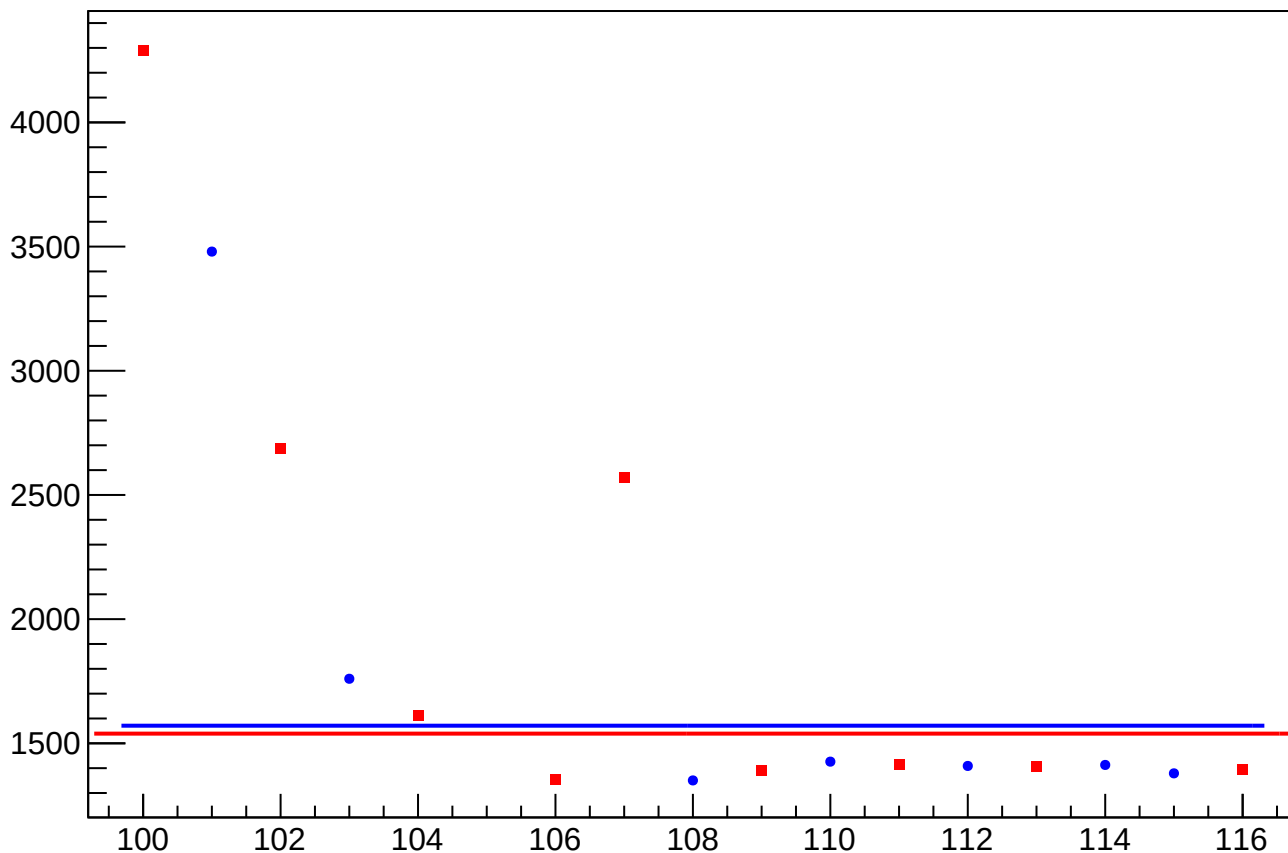
Right: -922.795+/-652.709 χ^2/NDF : 7.9/15

In: -1319.441+/-986.027 χ^2/NDF :2.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -922.795+/-652.709 χ^2/NDF : 7.9/15

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1570.979+/-0.697 χ^2/NDF : 458807.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1539.053+/-0.616 χ^2/NDF : 368432.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

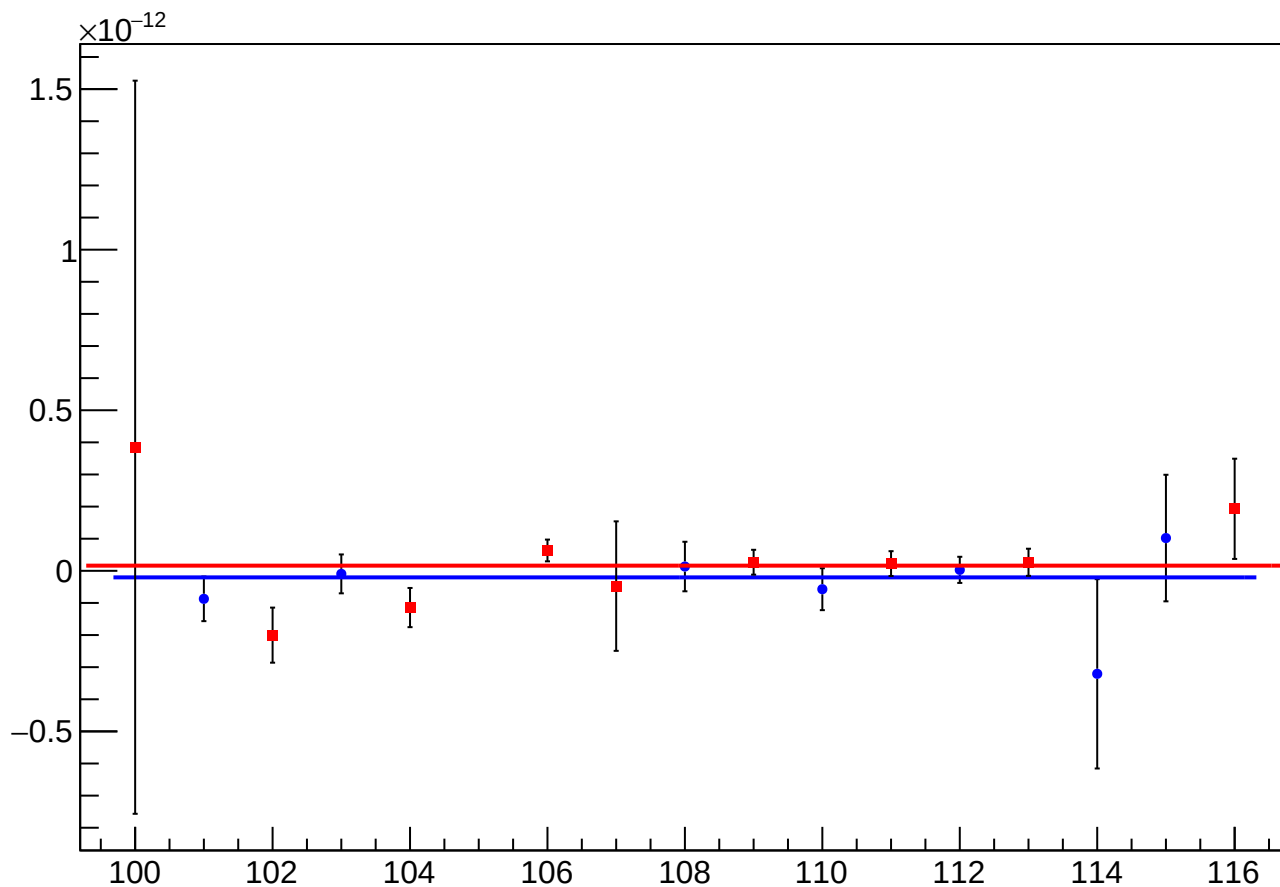
Right: 1553.042+/-0.462 χ^2/NDF : 828418.1/15

In: 1570.979+/-0.697 χ^2/NDF : 458807.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.042+/-0.462 χ^2/NDF : 828418.1/15

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

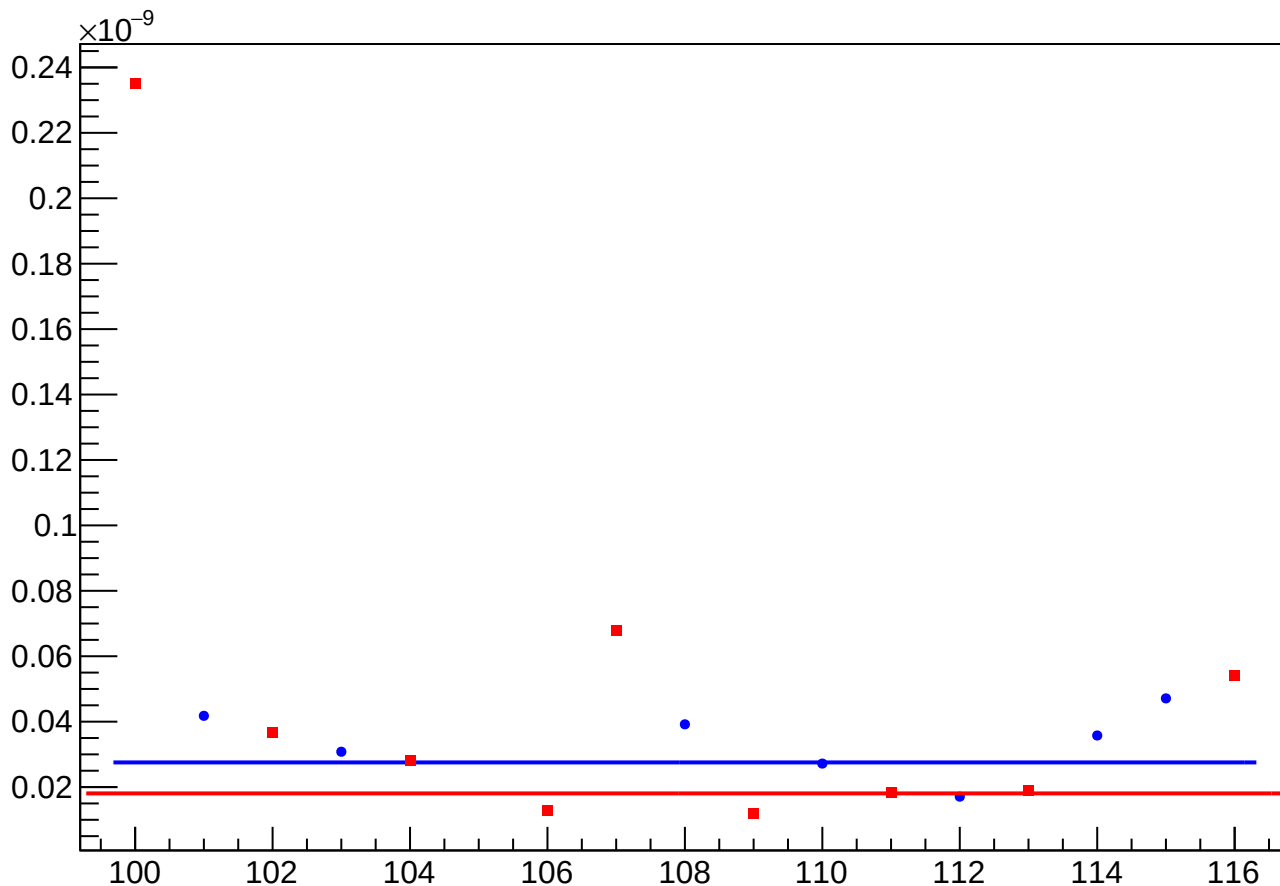
Right: 0.000+/-0.000 χ^2 /NDF: 19.2/15

In: -0.000+/-0.000 χ^2 /NDF:3.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.2/15

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 289214.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 551806.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

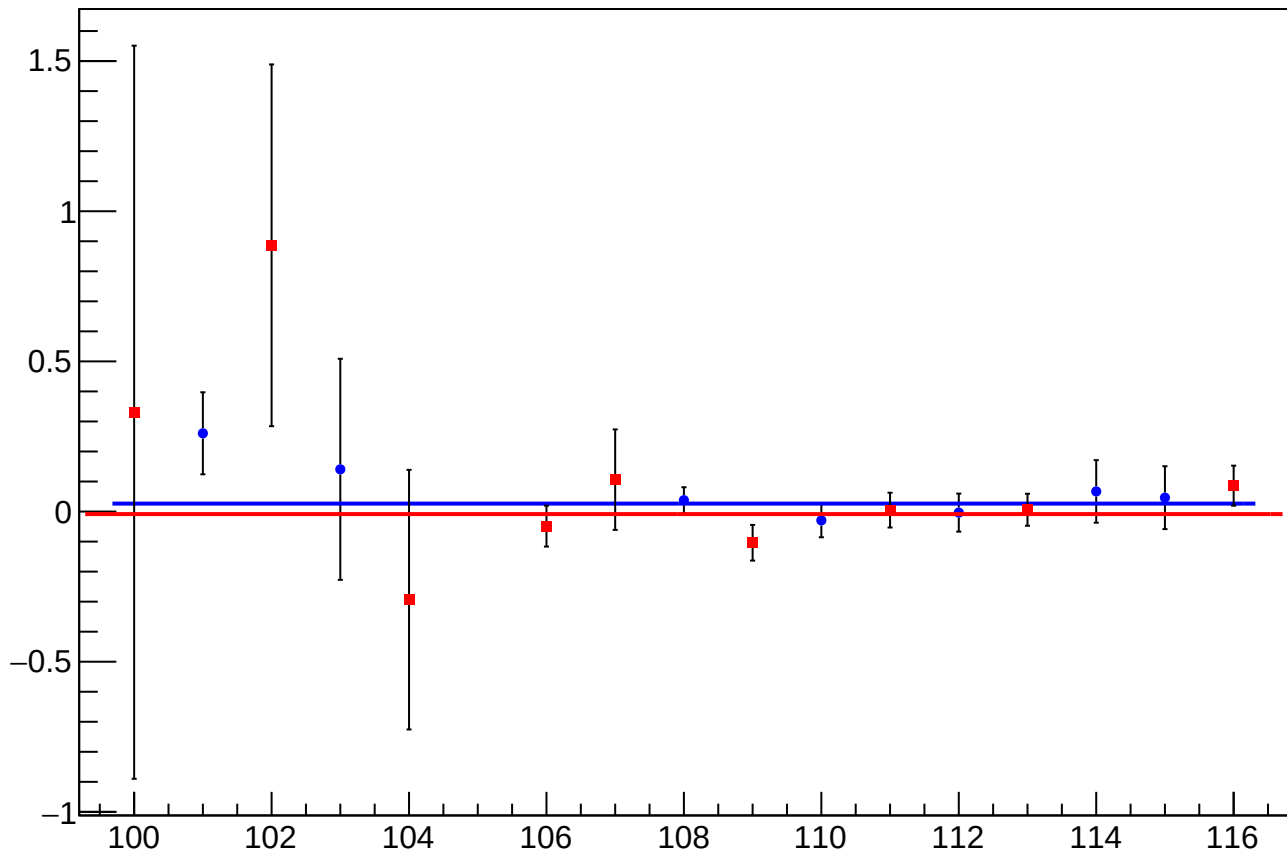
Right: 0.000+/-0.000 χ^2/NDF : 1026995.7/15

In: 0.000+/-0.000 χ^2/NDF : 289214.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1026995.7/15

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.027 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

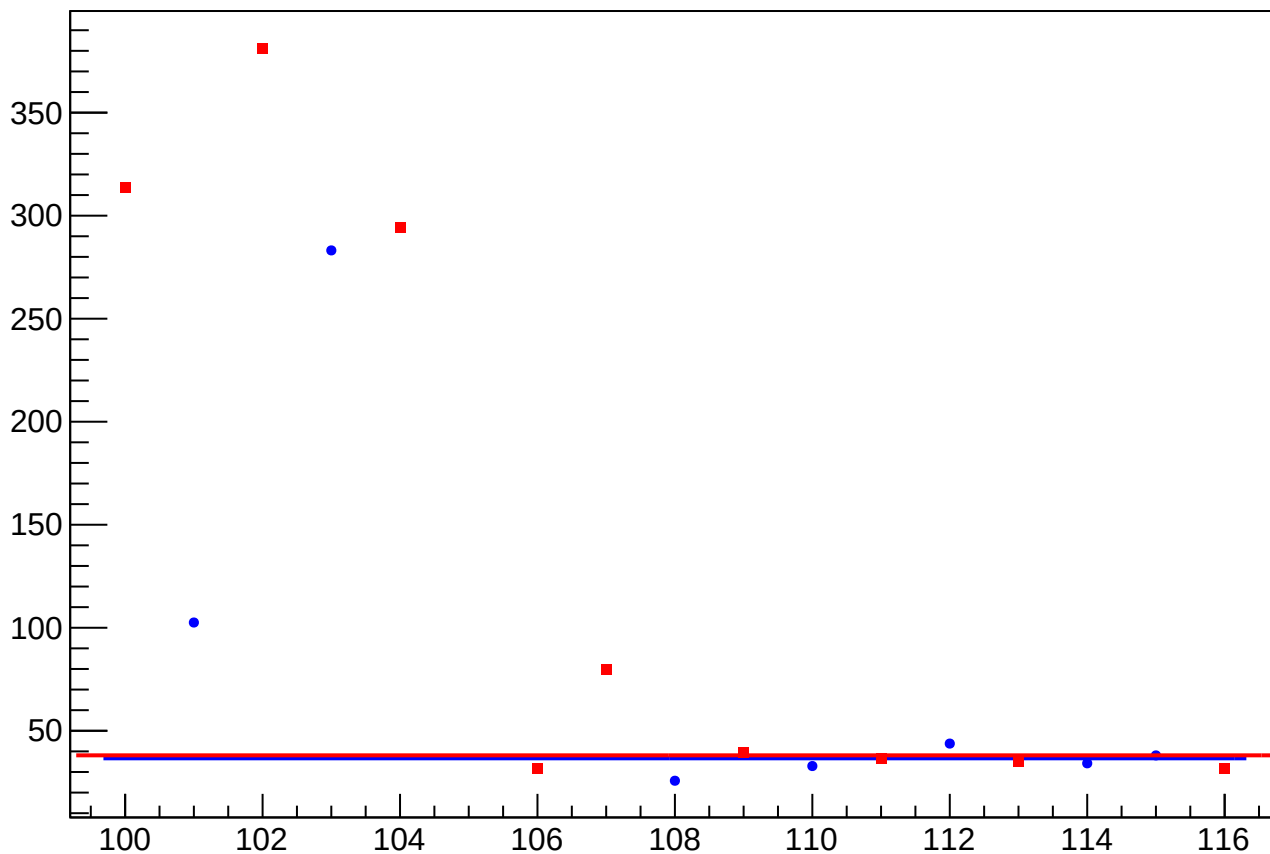
Right: 0.009+/-0.019 χ^2/NDF : 13.6/15

In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.019 χ^2/NDF : 13.6/15

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.638+/-0.019 χ^2/NDF : 1525647.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621693.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

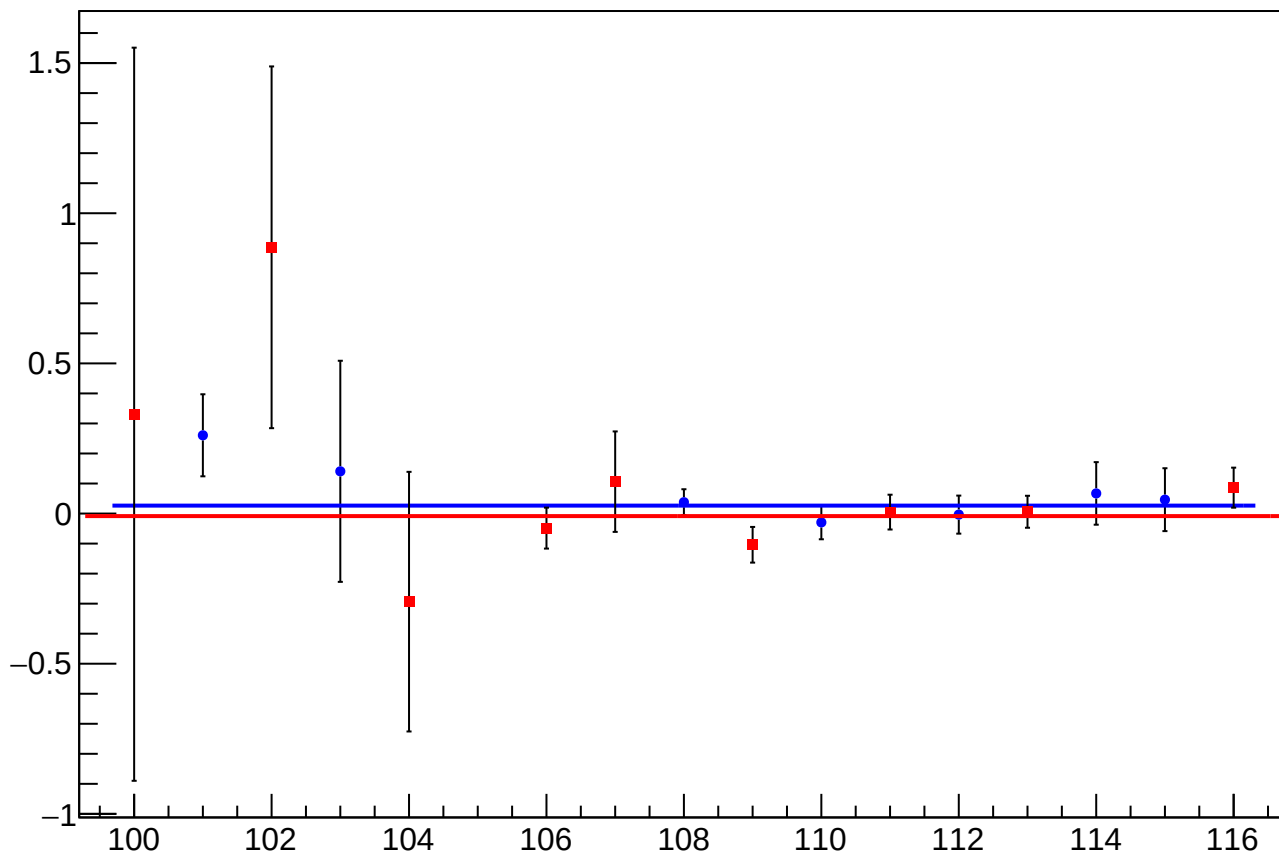
Right: 37.379+/-0.013 χ^2/NDF : 3150224.8/15

In: 36.638+/-0.019 χ^2/NDF : 1525647.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.379+/-0.013 χ^2/NDF : 3150224.8/15

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.027 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

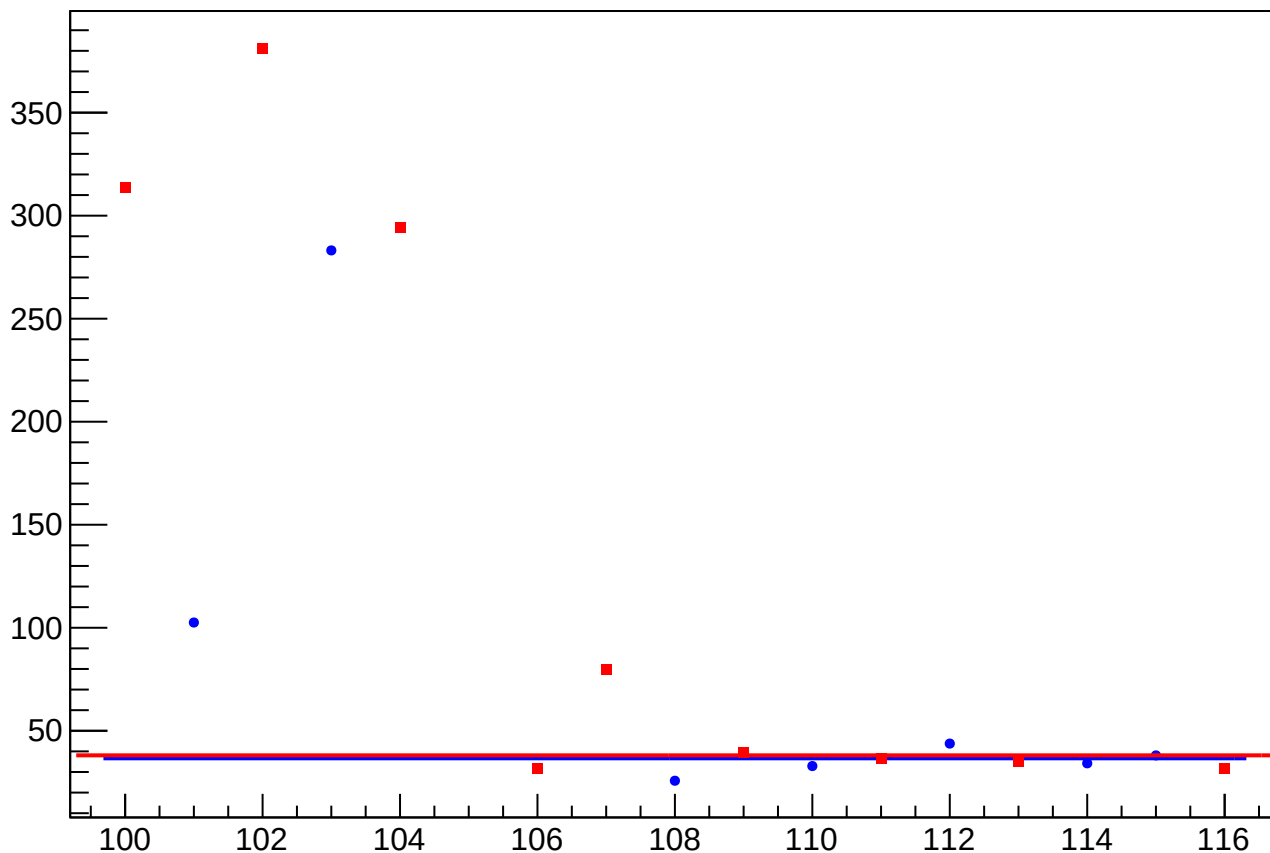
Right: 0.009+/-0.019 χ^2/NDF : 13.6/15

In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.019 χ^2/NDF : 13.6/15

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.638+/-0.019 χ^2/NDF : 1525647.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621693.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

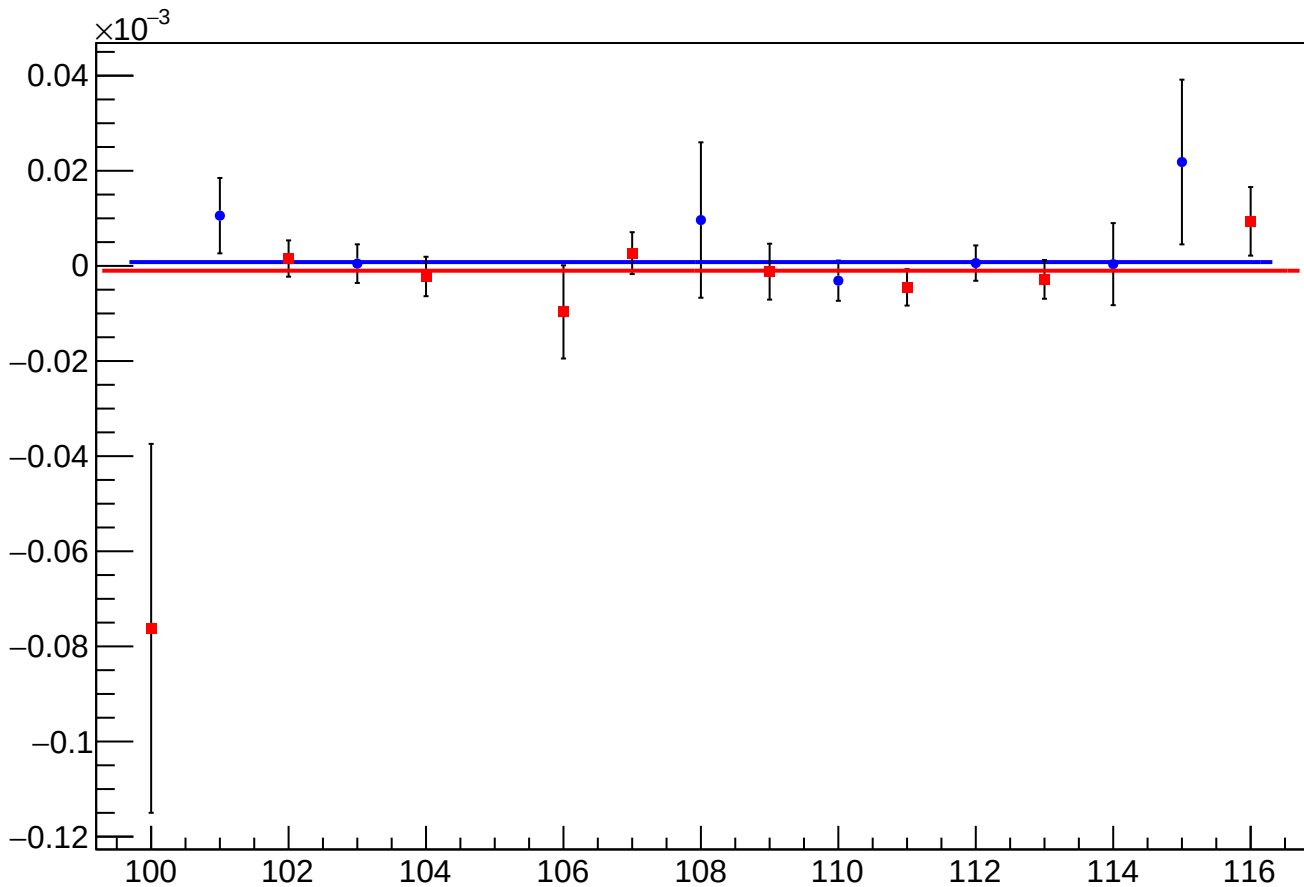
Right: 37.379+/-0.013 χ^2/NDF : 3150224.8/15

In: 36.638+/-0.019 χ^2/NDF : 1525647.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.379+/-0.013 χ^2/NDF : 3150224.8/15

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

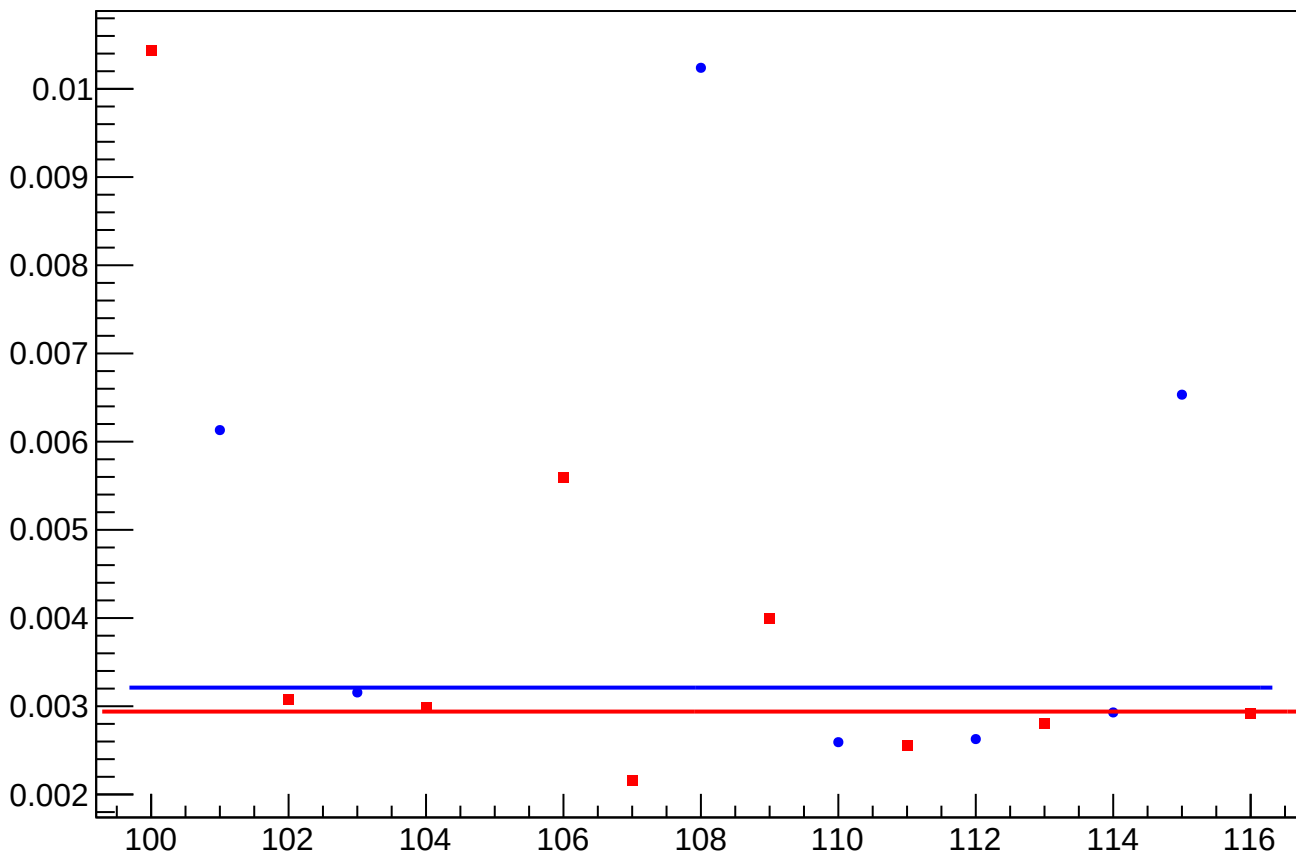
Right: -0.000+/-0.000 χ^2/NDF : 13.5/15

In: 0.000+/-0.000 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/15

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 : 809838.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 373952.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

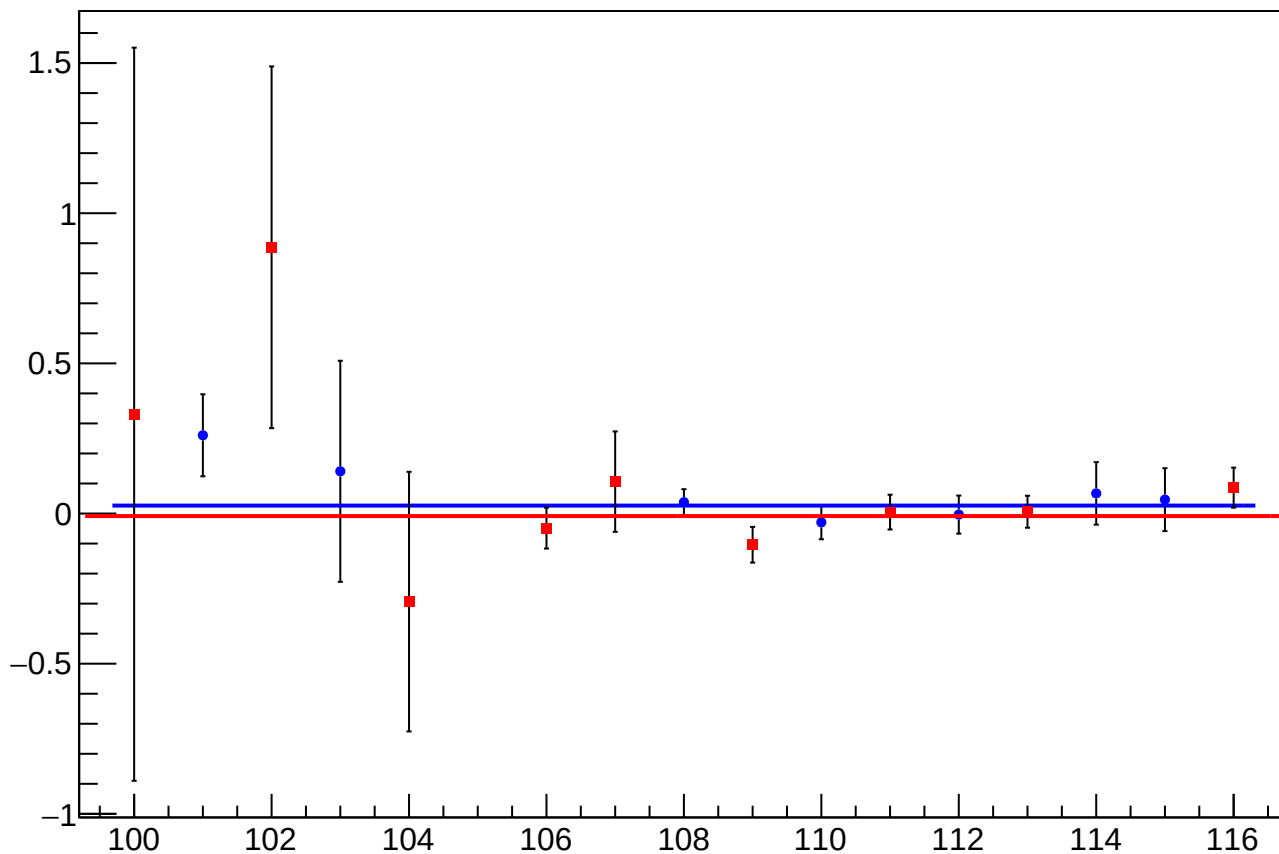
Right: 0.003+/-0.000 χ^2/NDF : 1204397.5/15

In: 0.003+/-0.000 χ^2/NDF : 809838.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1204397.5/15

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.027 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

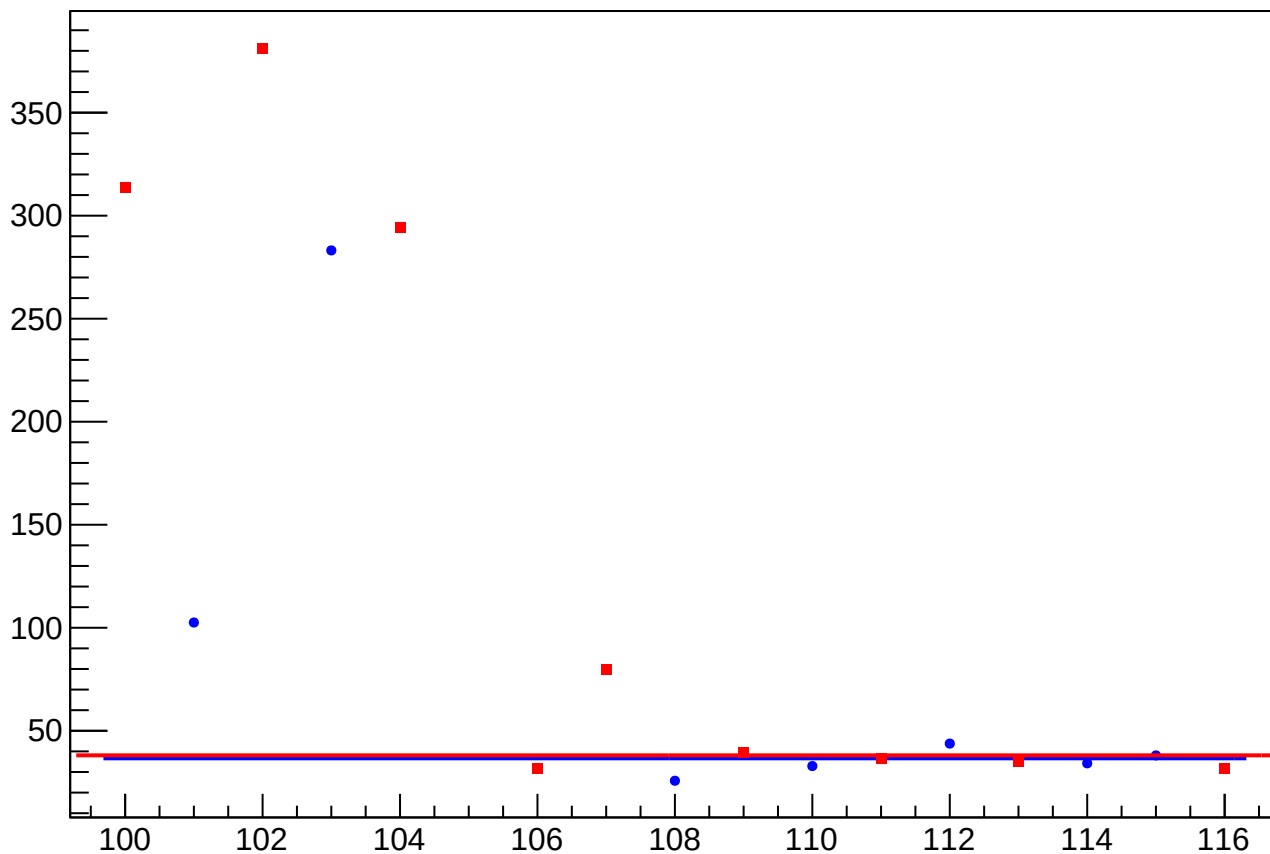
Right: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

In: 0.026 $\pm$ 0.027 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621684.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

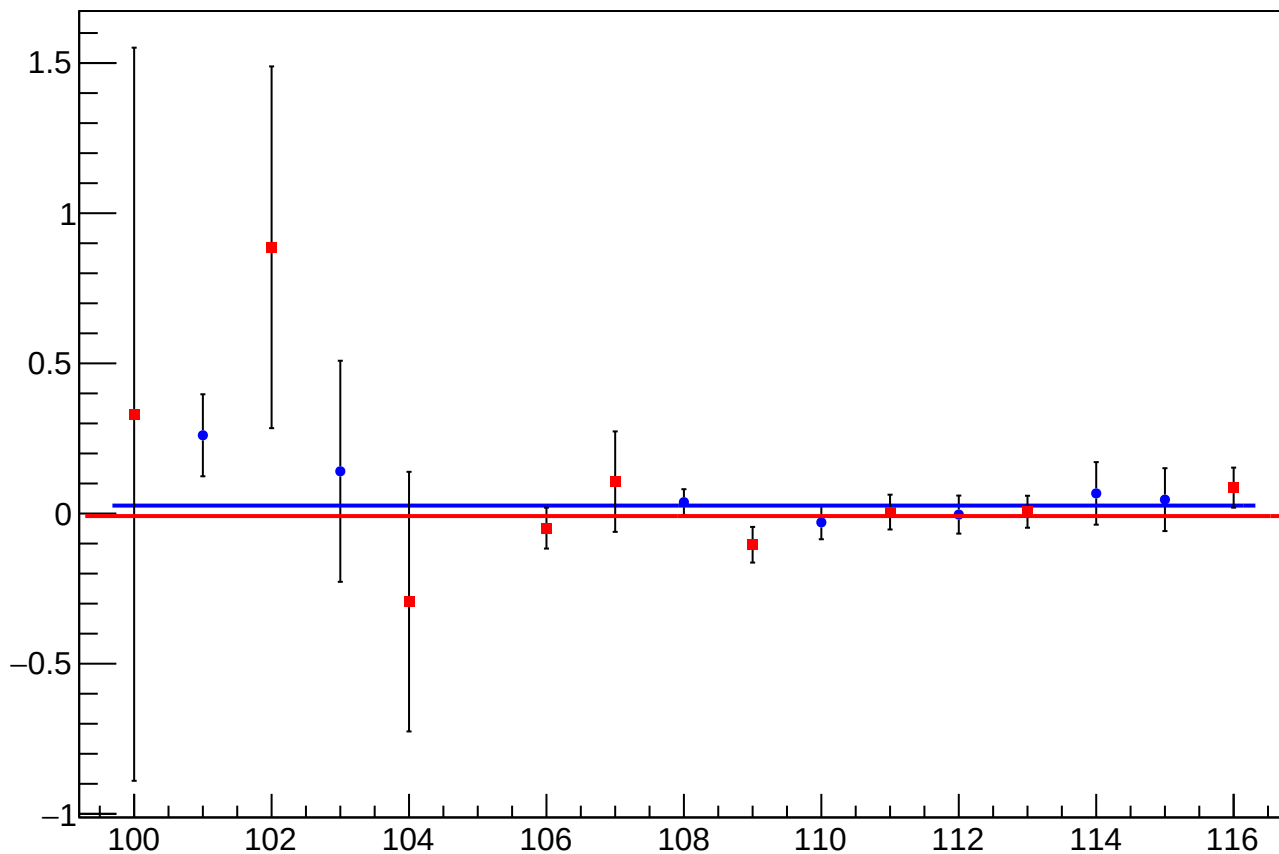
Right: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.027 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

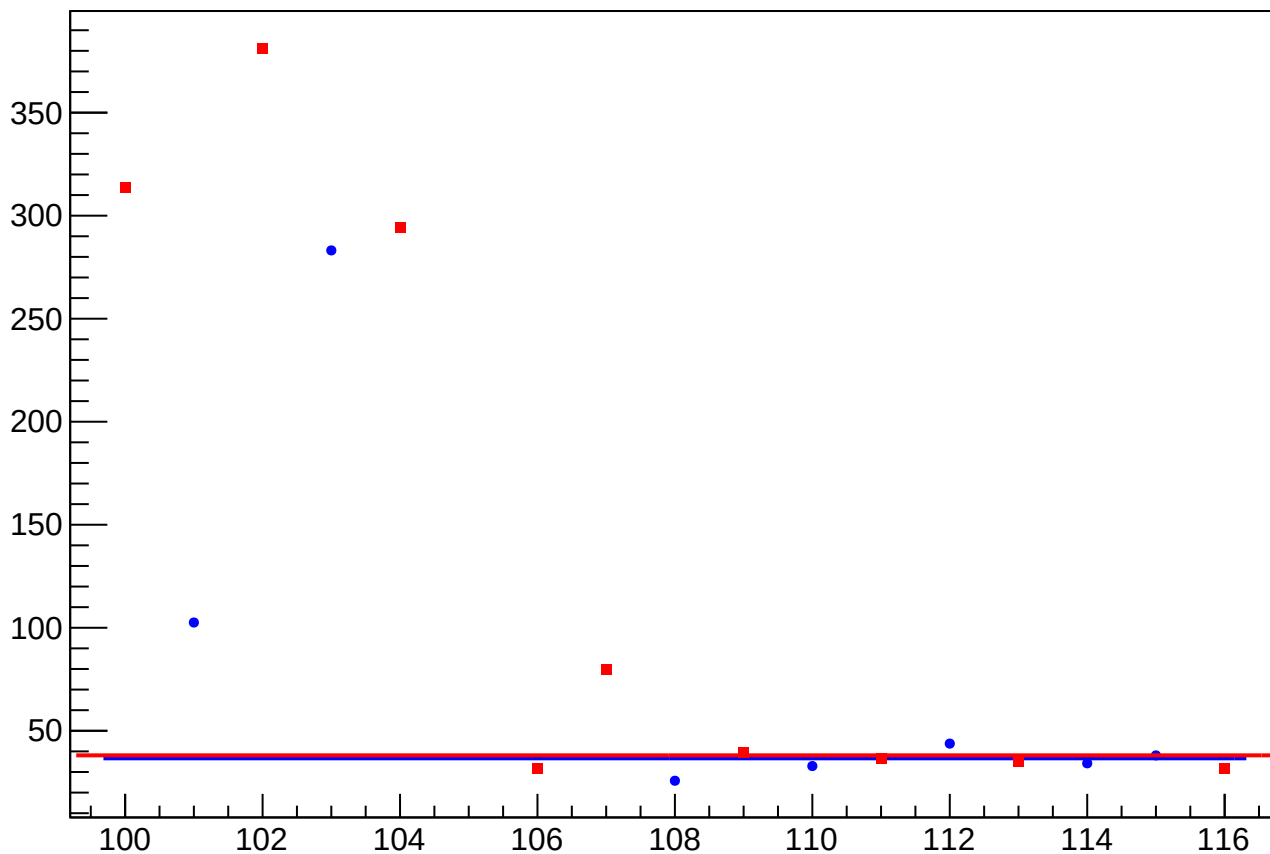
Right: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

In: 0.026 $\pm$ 0.027 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621684.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

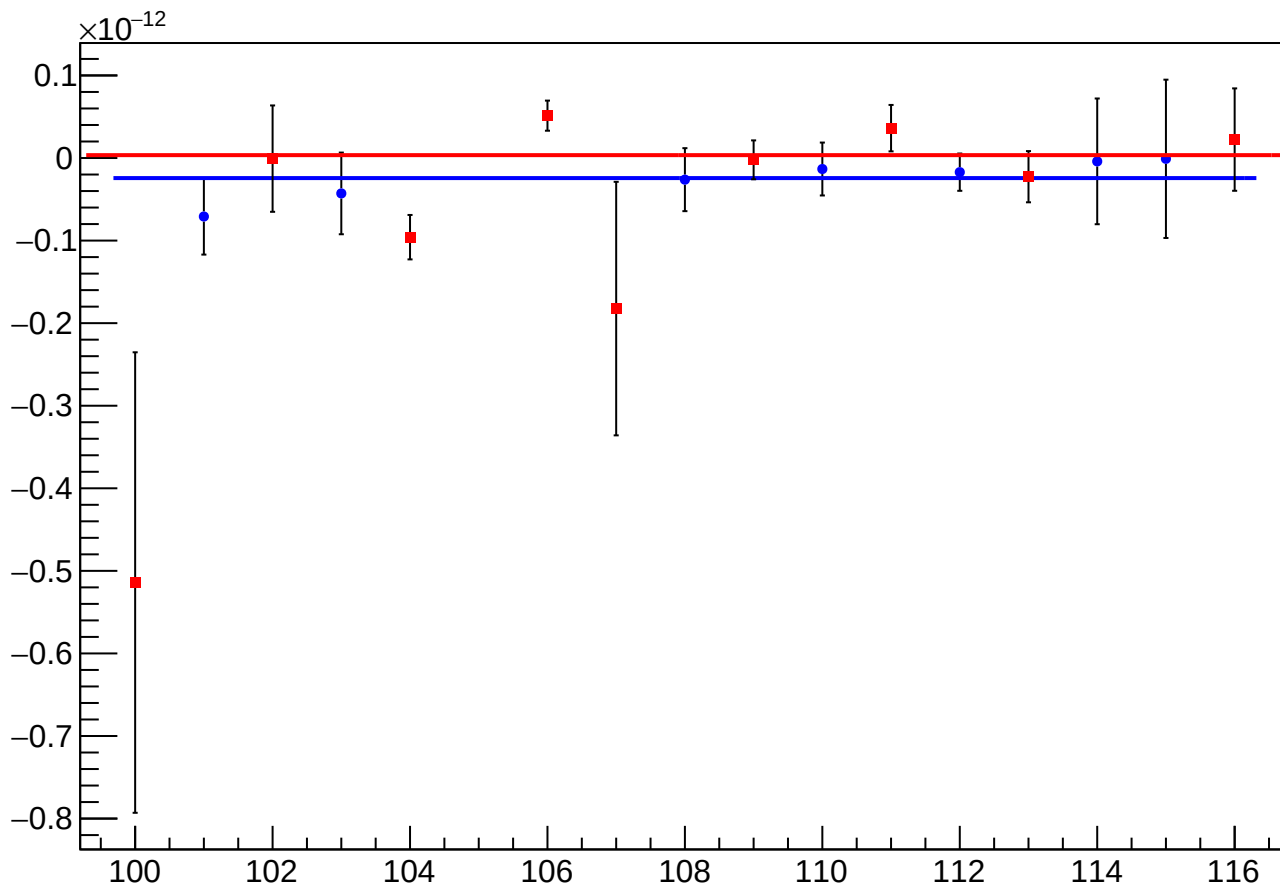
Right: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

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: 1.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 27.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

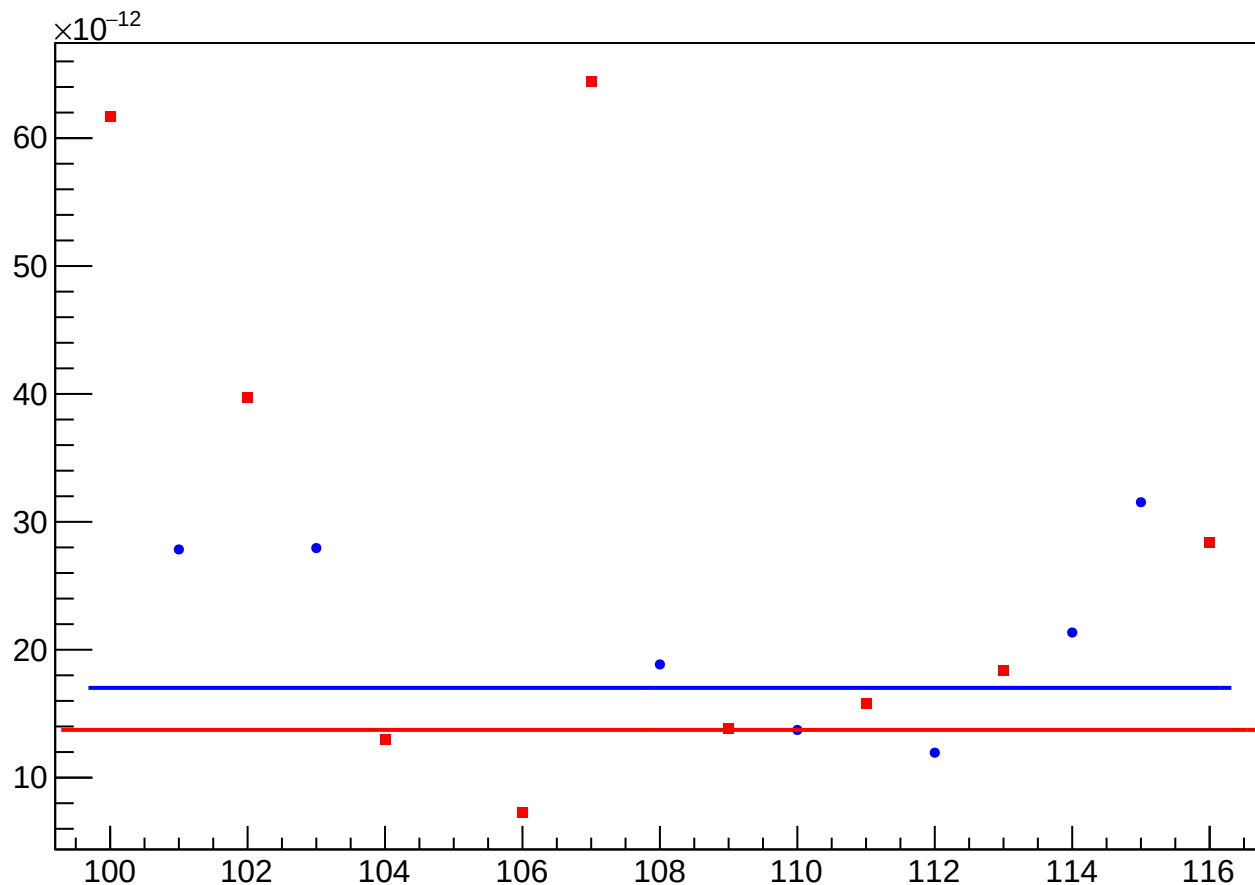
Right: -0.000+/-0.000 χ^2 /NDF: 31.6/15

In: -0.000+/-0.000 χ^2 /NDF:1.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.6/15

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 : 386600.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1024556.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

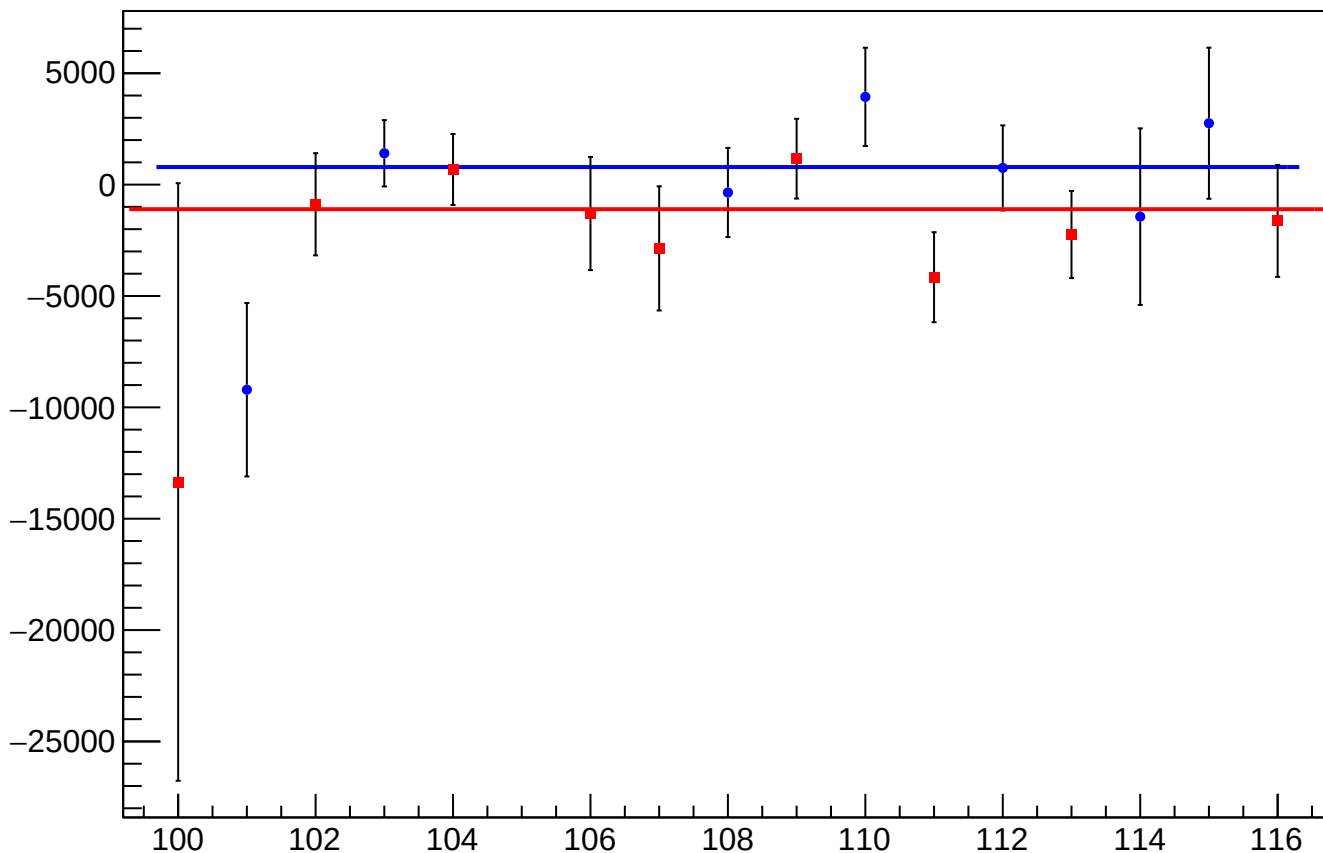
Right: 0.000+/-0.000 χ^2/NDF : 1478746.4/15

In: 0.000+/-0.000 χ^2/NDF : 386600.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1478746.4/15

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 789.095+/-846.129 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1103.518+/-735.353 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

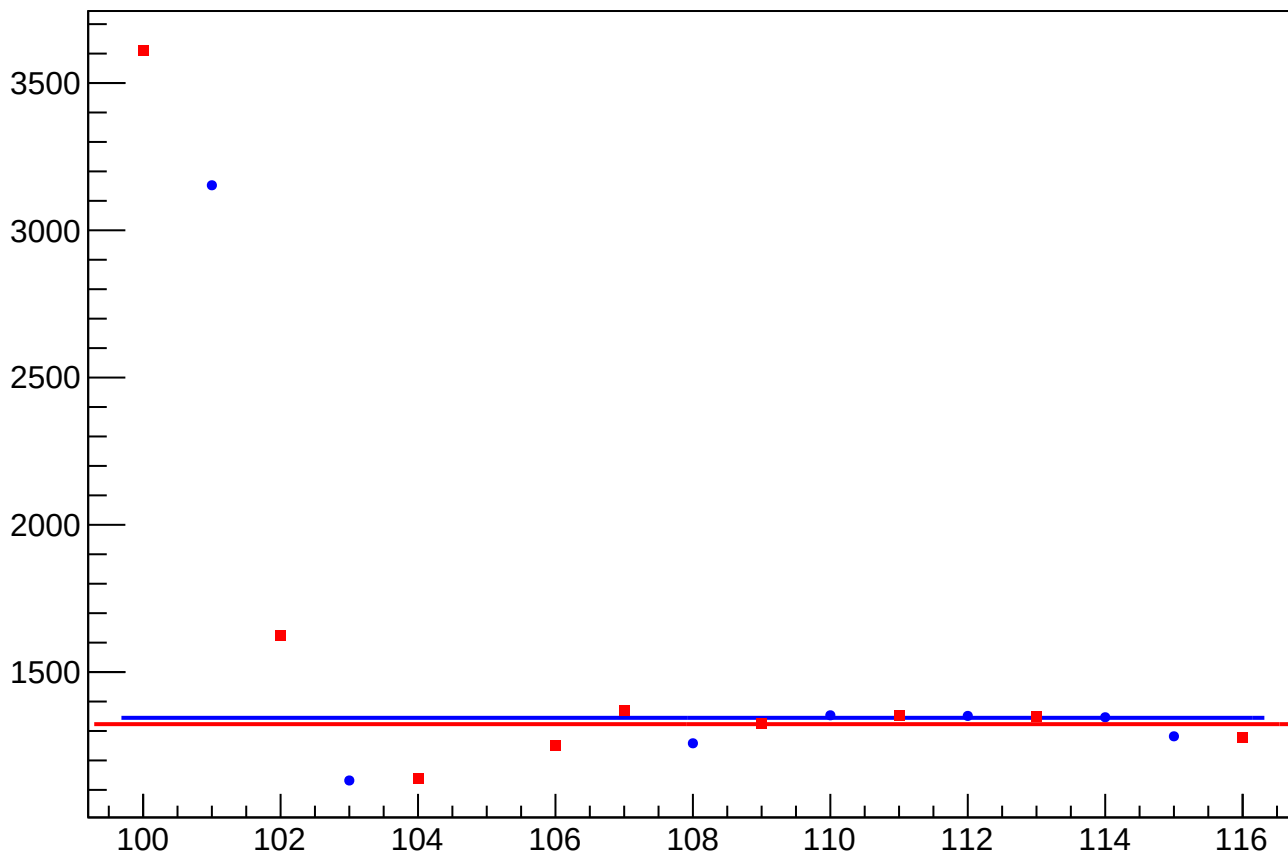
Right: -289.134+/-555.035 χ^2/NDF : 19.4/15

In: 789.095+/-846.129 χ^2/NDF :9.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -289.134+/-555.035 χ^2/NDF : 19.4/15

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1344.695+/-0.598 χ^2/NDF : 476731.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.204+/-0.520 χ^2/NDF : 122550.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

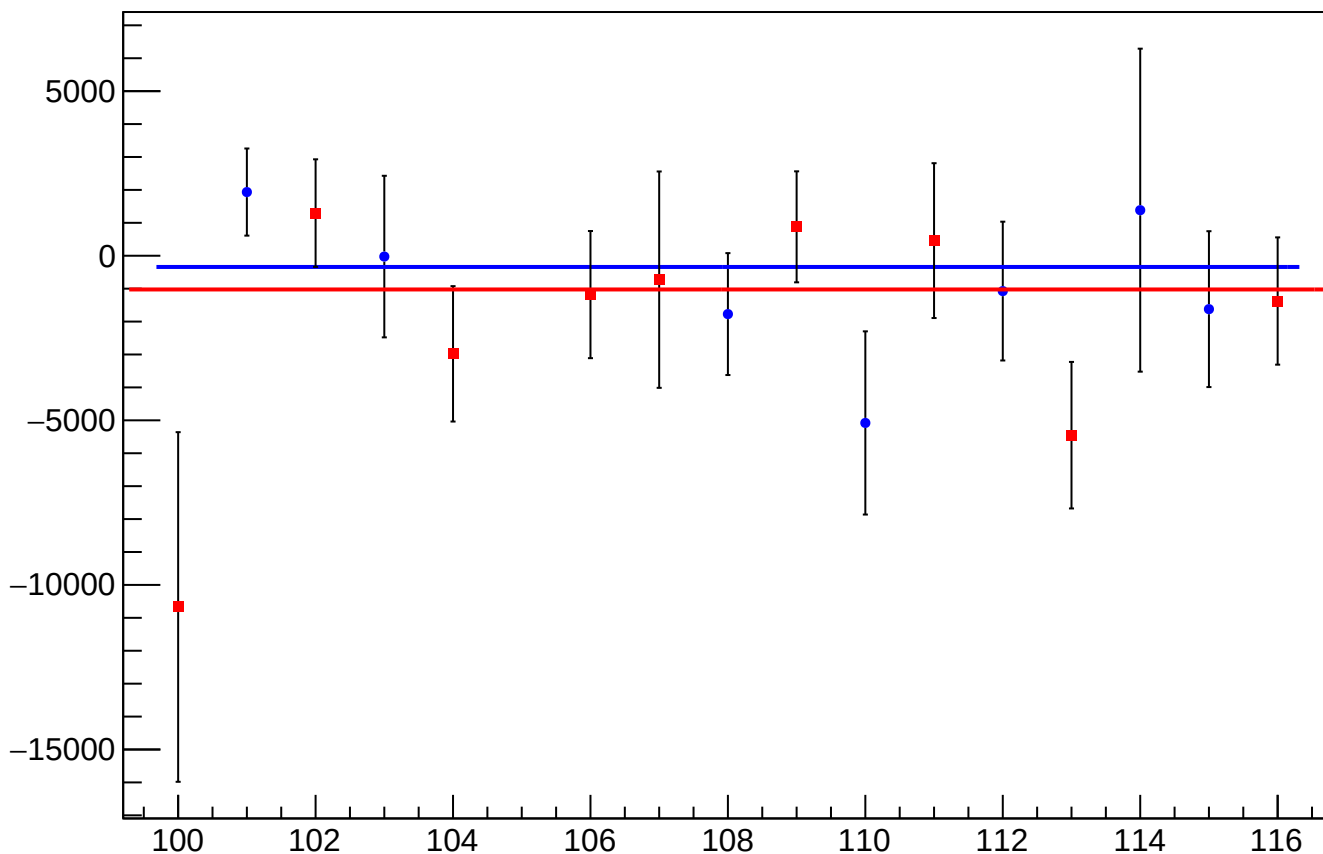
Right: 1332.451+/-0.392 χ^2/NDF : 600017.3/15

In: 1344.695+/-0.598 χ^2/NDF : 476731.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.451+/-0.392 χ^2/NDF : 600017.3/15

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -340.845+/-789.932 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.569+/-705.547 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

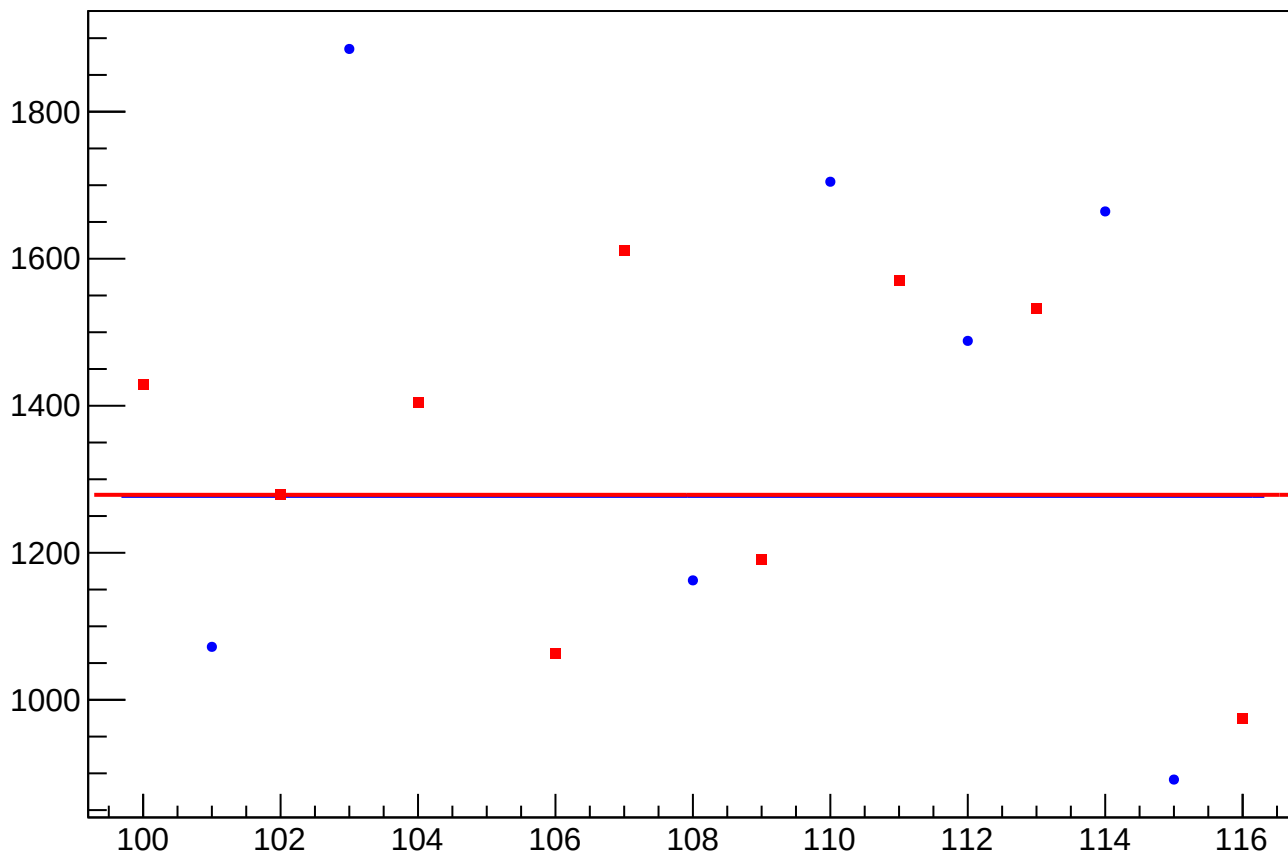
Right: -721.165+/-526.211 χ^2/NDF : 19.3/15

In: -340.845+/-789.932 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.165+/-526.211 χ^2/NDF : 19.3/15

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1277.423+/-0.559 χ^2/NDF : 311279.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.852+/-0.499 χ^2/NDF : 166046.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

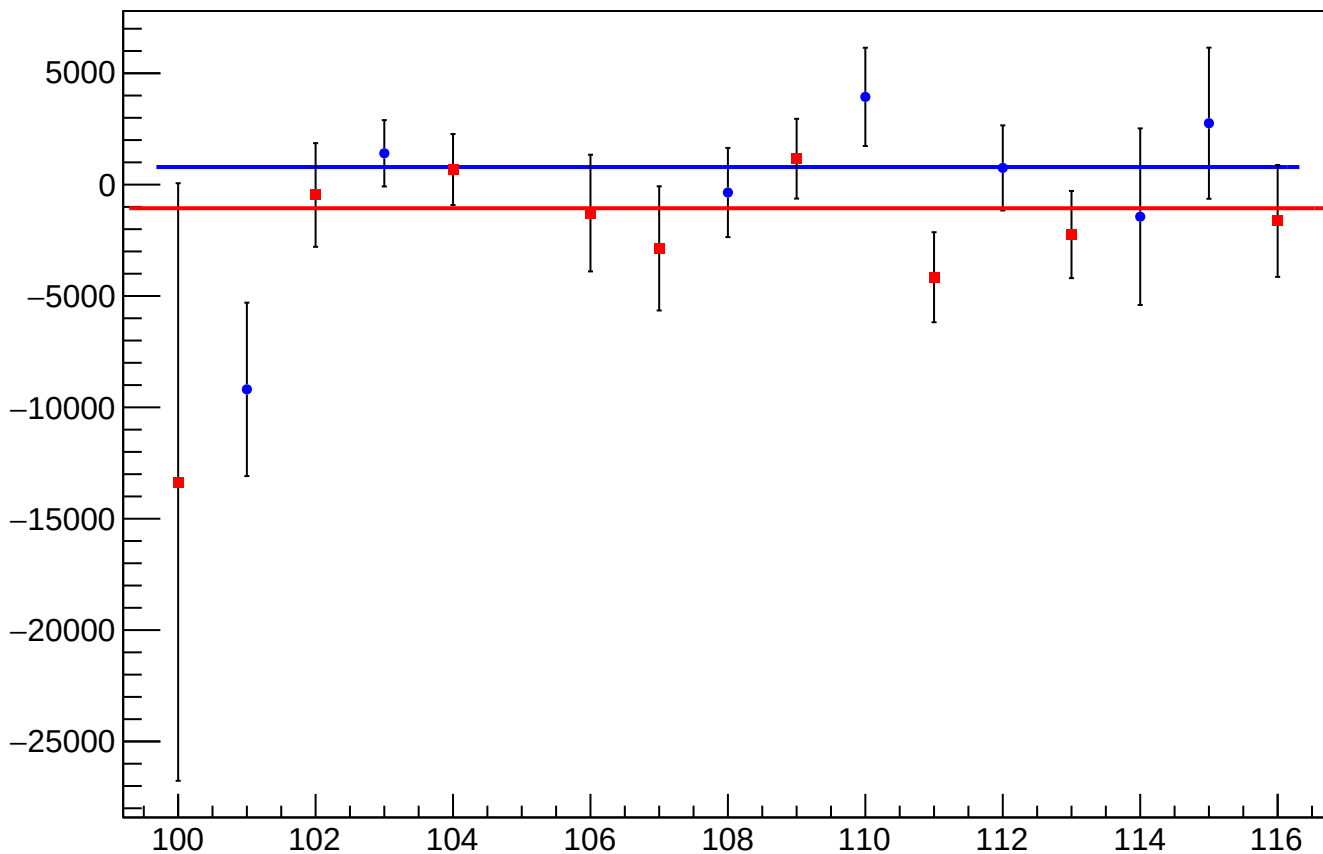
Right: 1278.218+/-0.372 χ^2/NDF : 477329.1/15

In: 1277.423+/-0.559 χ^2/NDF : 311279.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.218+/-0.372 χ^2/NDF : 477329.1/15

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.873+/-738.292 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

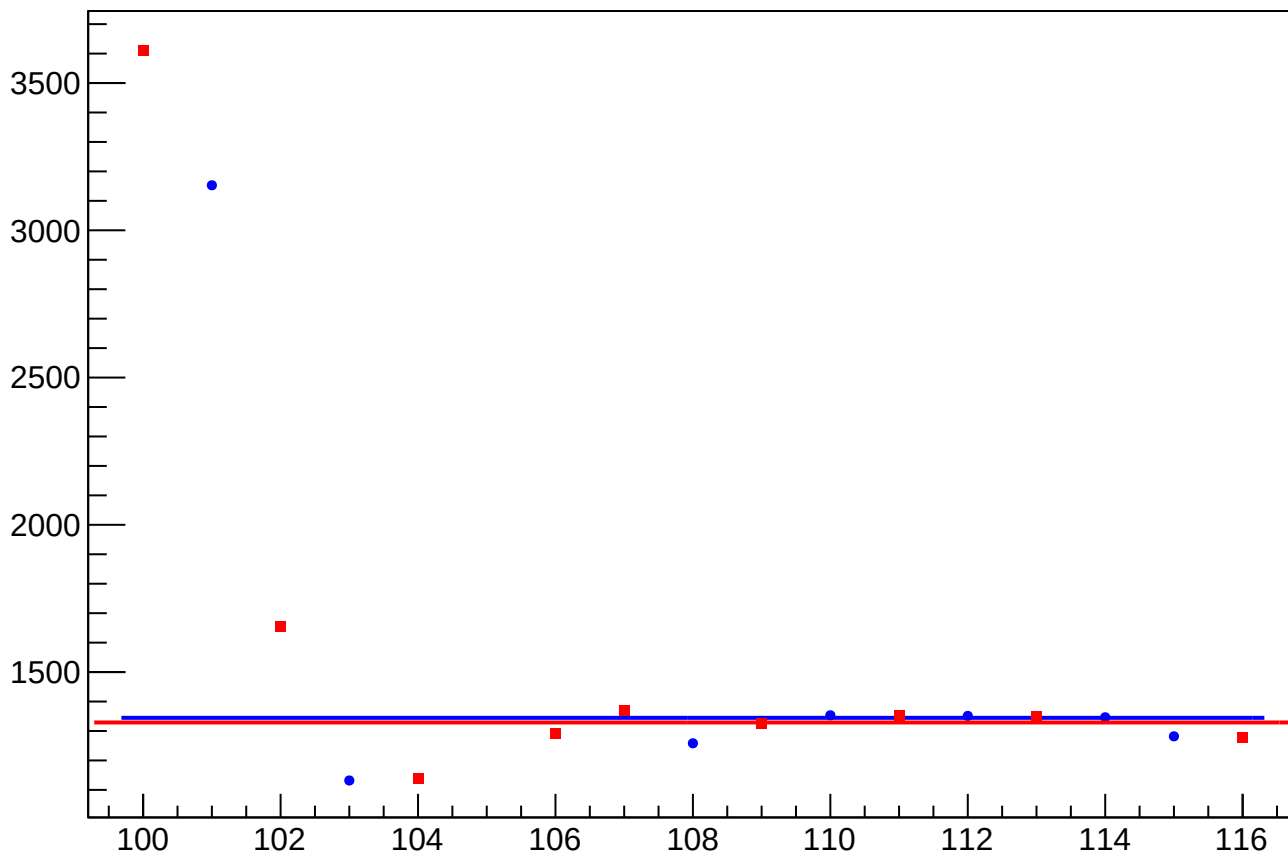
Right: -260.332+/-556.296 χ^2/NDF : 19.3/15

In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.332+/-556.296 χ^2/NDF : 19.3/15

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.917+/-0.522 χ^2/NDF : 127469.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

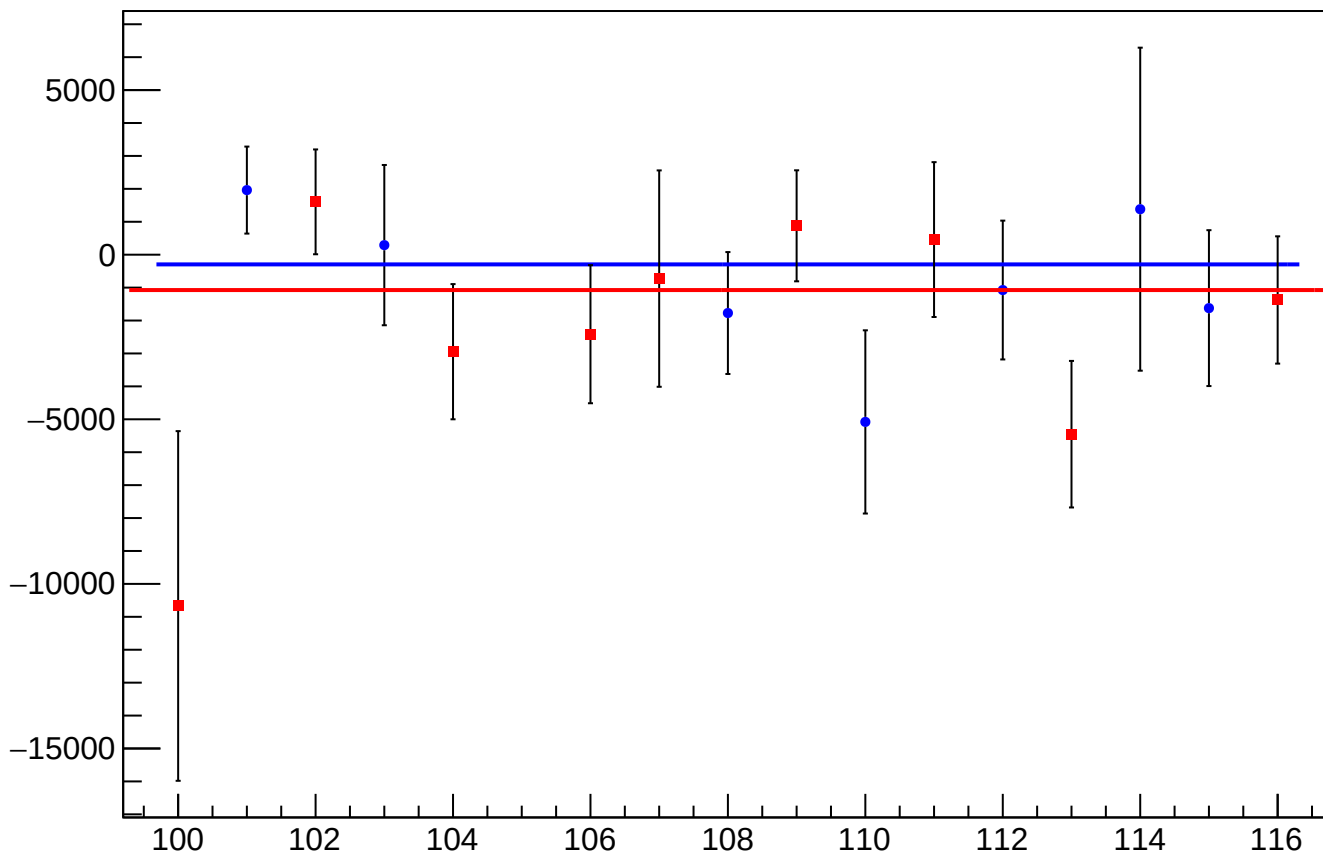
Right: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1074.417+/-709.083 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

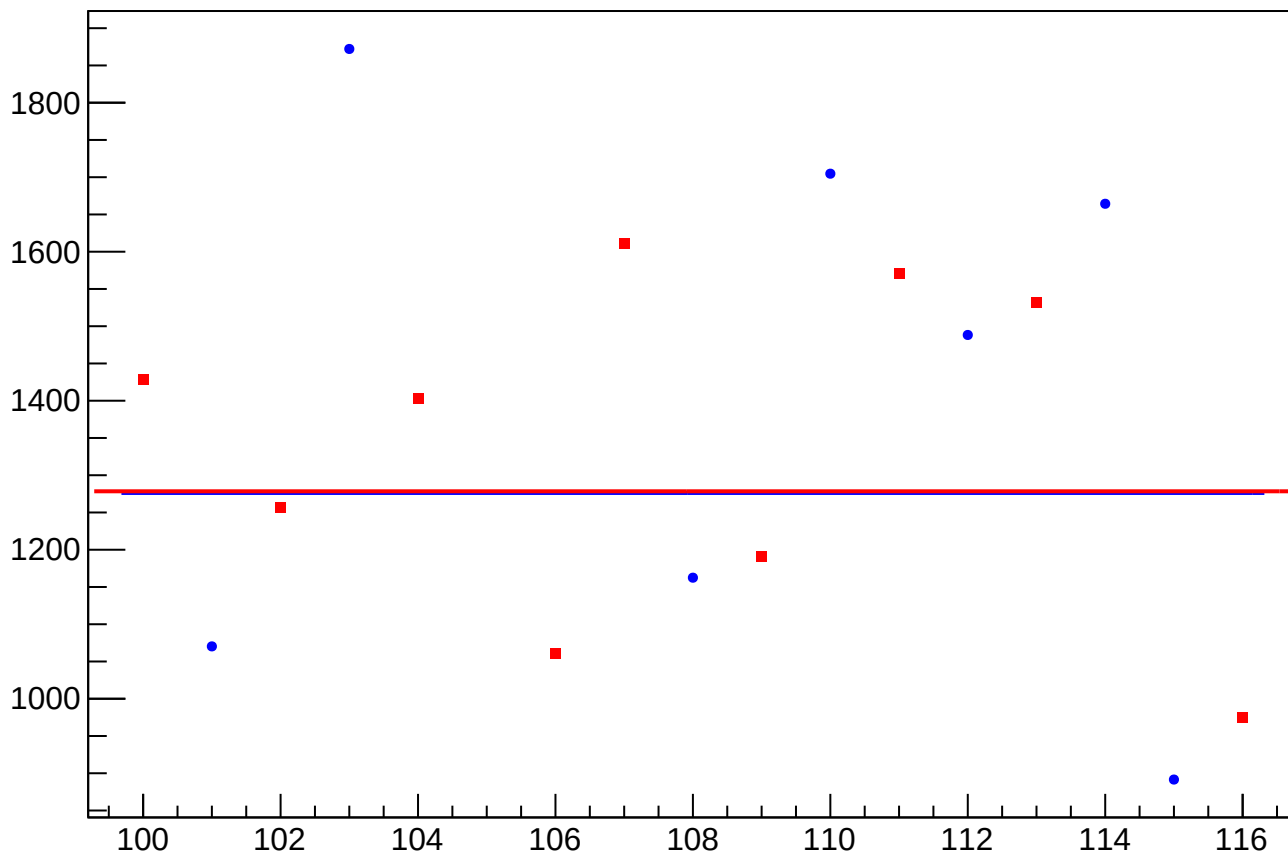
Right: -725.954+/-527.338 χ^2/NDF : 20.7/15

In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -725.954+/-527.338 χ^2/NDF : 20.7/15

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

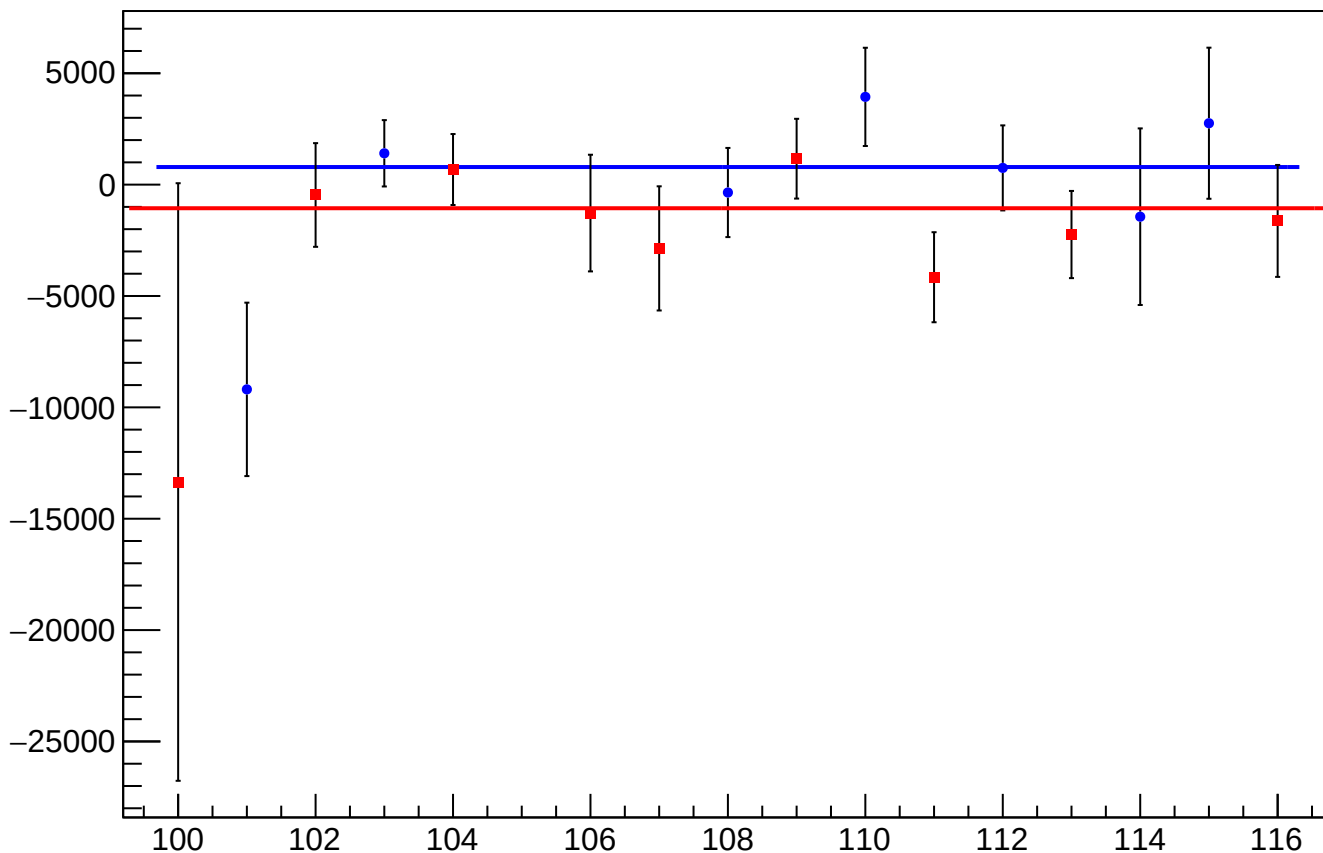
Right: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1059.873+/-738.292 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

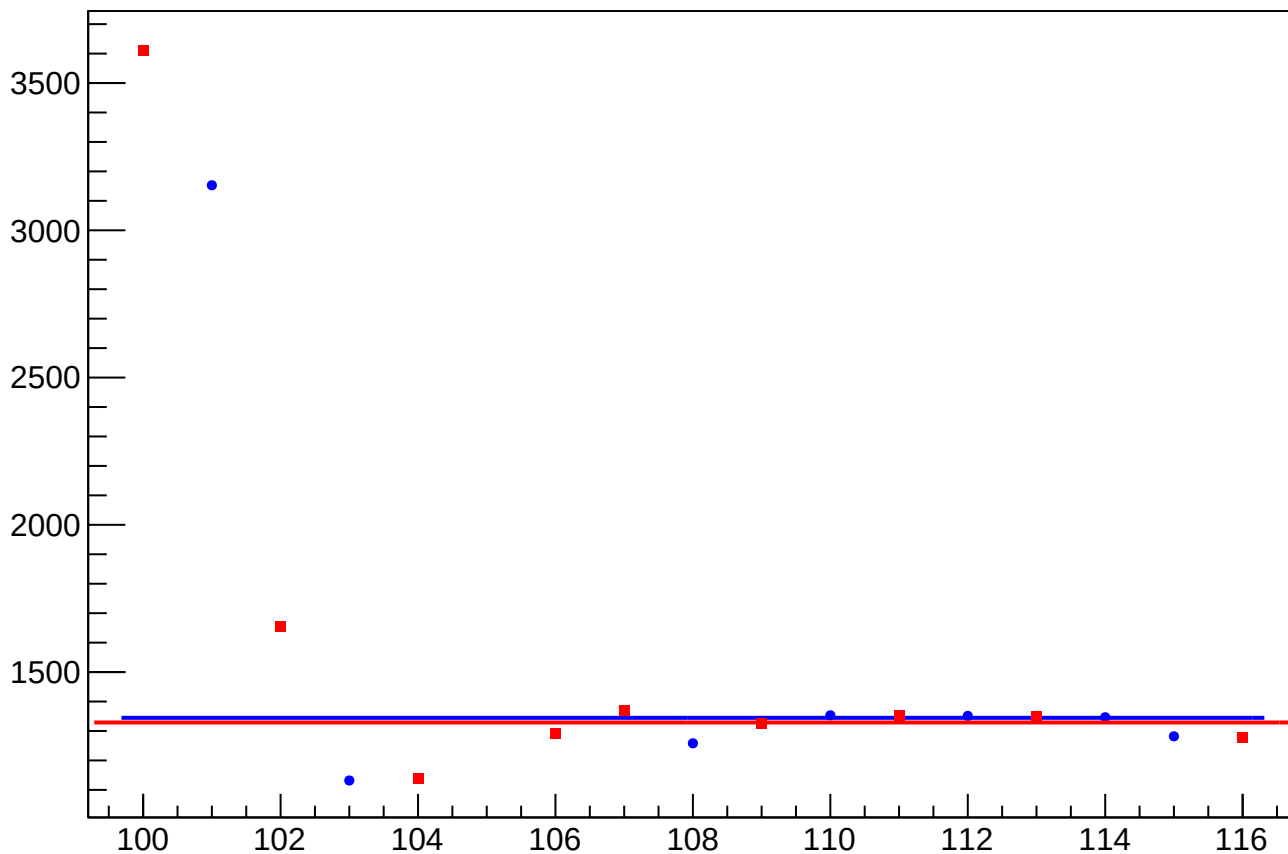
Right: -260.332+/-556.296 χ^2/NDF : 19.3/15

In: 789.835+/-846.130 χ^2/NDF :9.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -260.332+/-556.296 χ^2/NDF : 19.3/15

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.917+/-0.522 χ^2/NDF : 127469.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

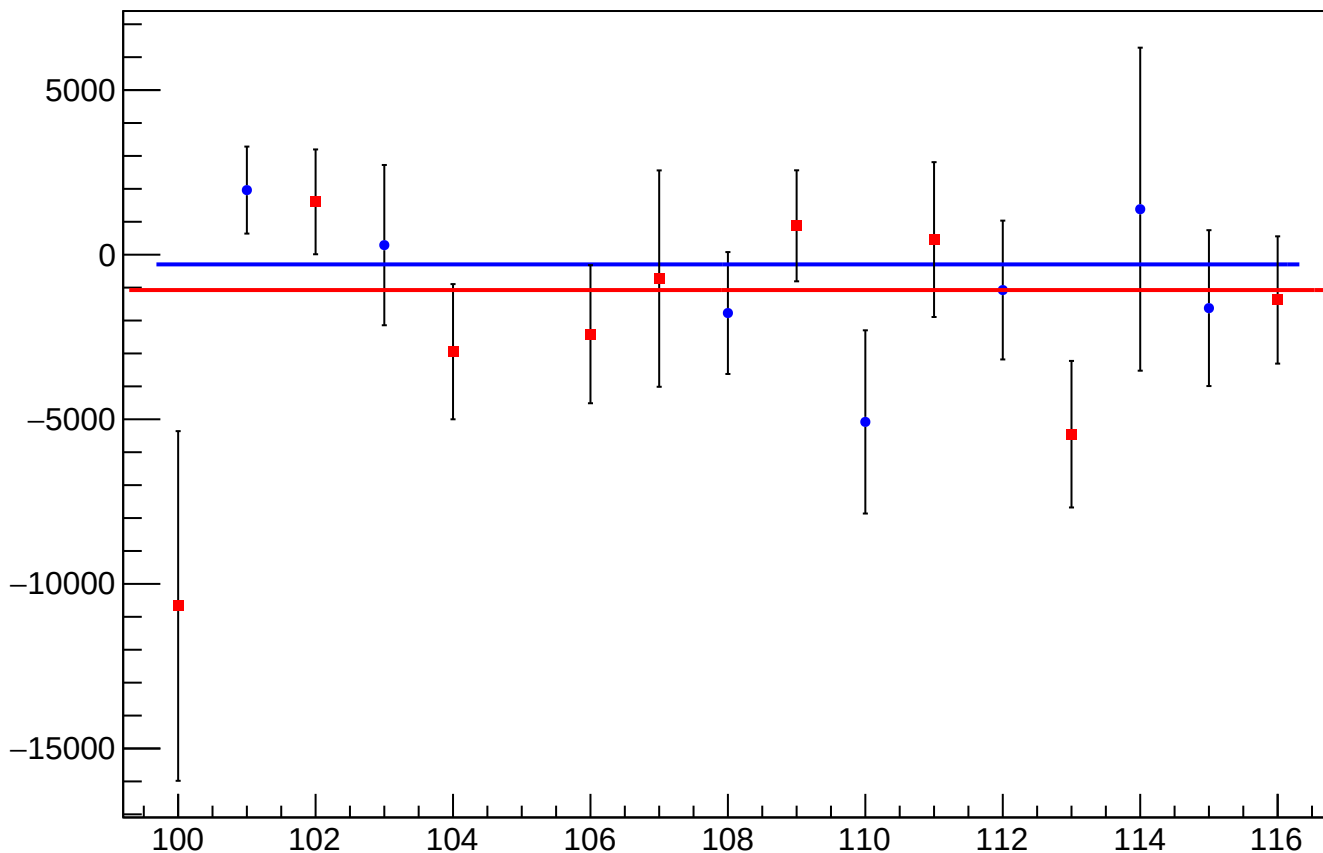
Right: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1074.417+/-709.083 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

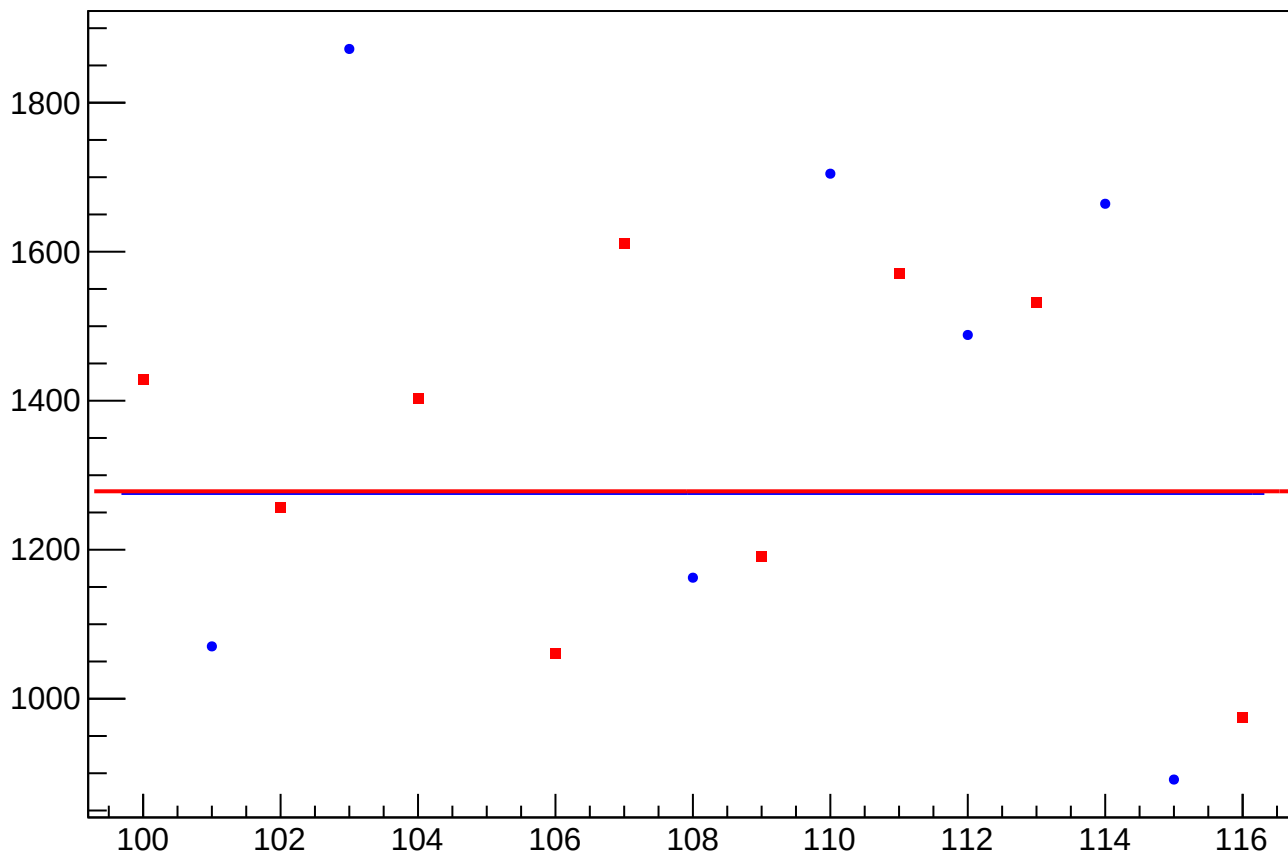
Right: -725.954+/-527.338 χ^2/NDF : 20.7/15

In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -725.954+/-527.338 χ^2/NDF : 20.7/15

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

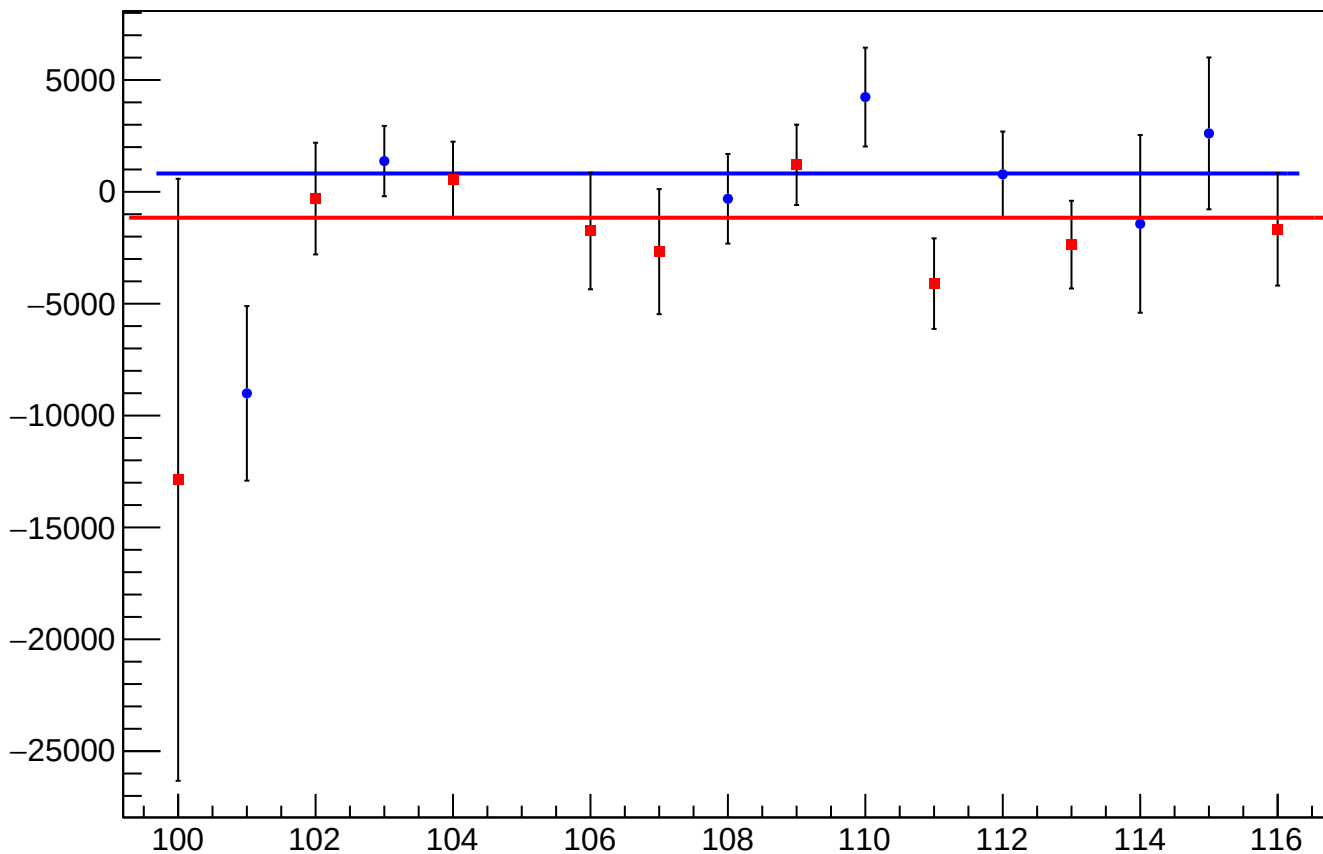
Right: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 821.094+/-861.026 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.272+/-753.621 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

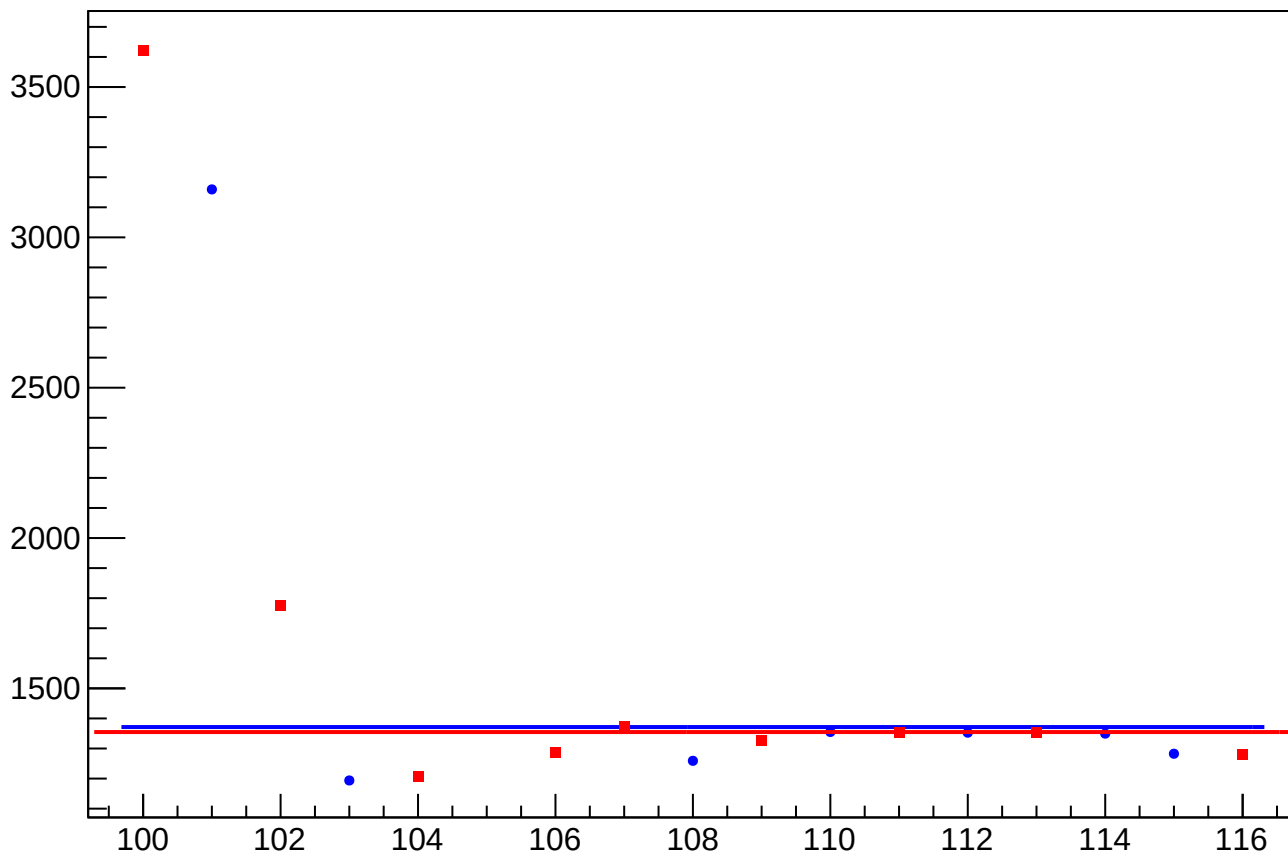
Right: -298.543+/-567.085 χ^2/NDF : 19.3/15

In: 821.094+/-861.026 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.543+/-567.085 χ^2/NDF : 19.3/15

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1371.357+/-0.609 χ^2/NDF : 453719.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.744+/-0.533 χ^2/NDF : 132440.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

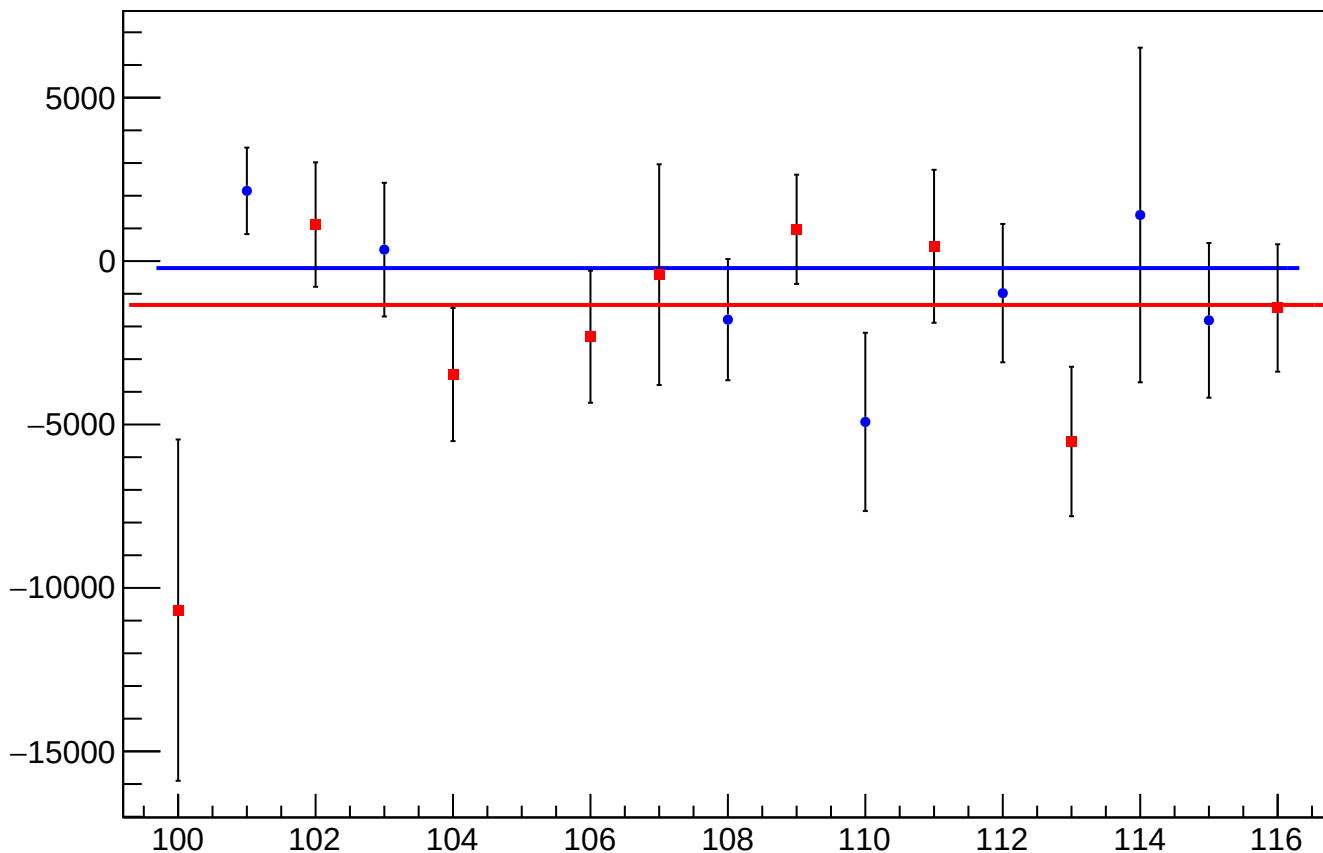
Right: 1361.950+/-0.401 χ^2/NDF : 586582.0/15

In: 1371.357+/-0.609 χ^2/NDF : 453719.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.950+/-0.401 χ^2/NDF : 586582.0/15

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.336+/-772.445 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1342.062+/-729.166 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

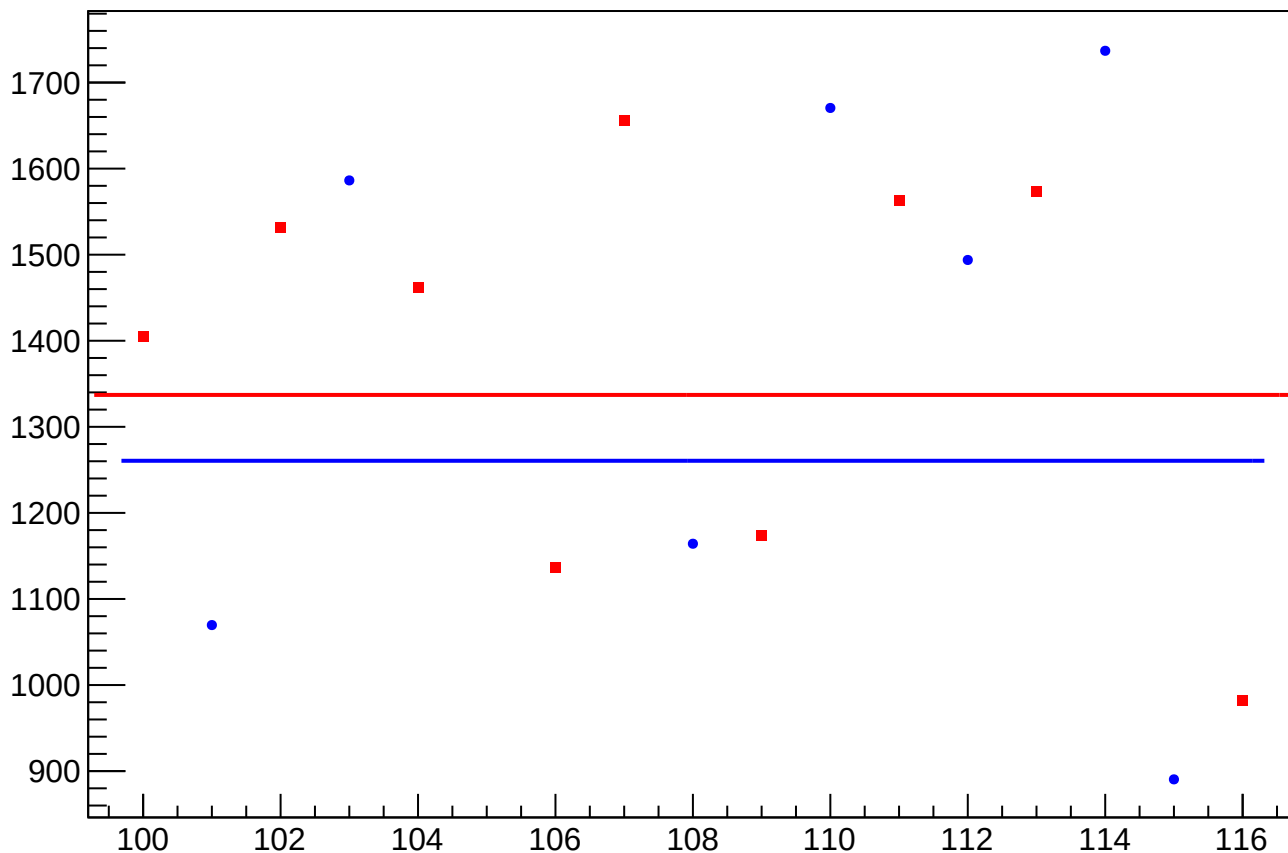
Right: -810.675+/-530.238 χ^2/NDF : 20.9/15

In: -214.336+/-772.445 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.675+/-530.238 χ^2/NDF : 20.9/15

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1260.551+/-0.546 χ^2/NDF : 233538.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.062+/-0.516 χ^2/NDF : 191429.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

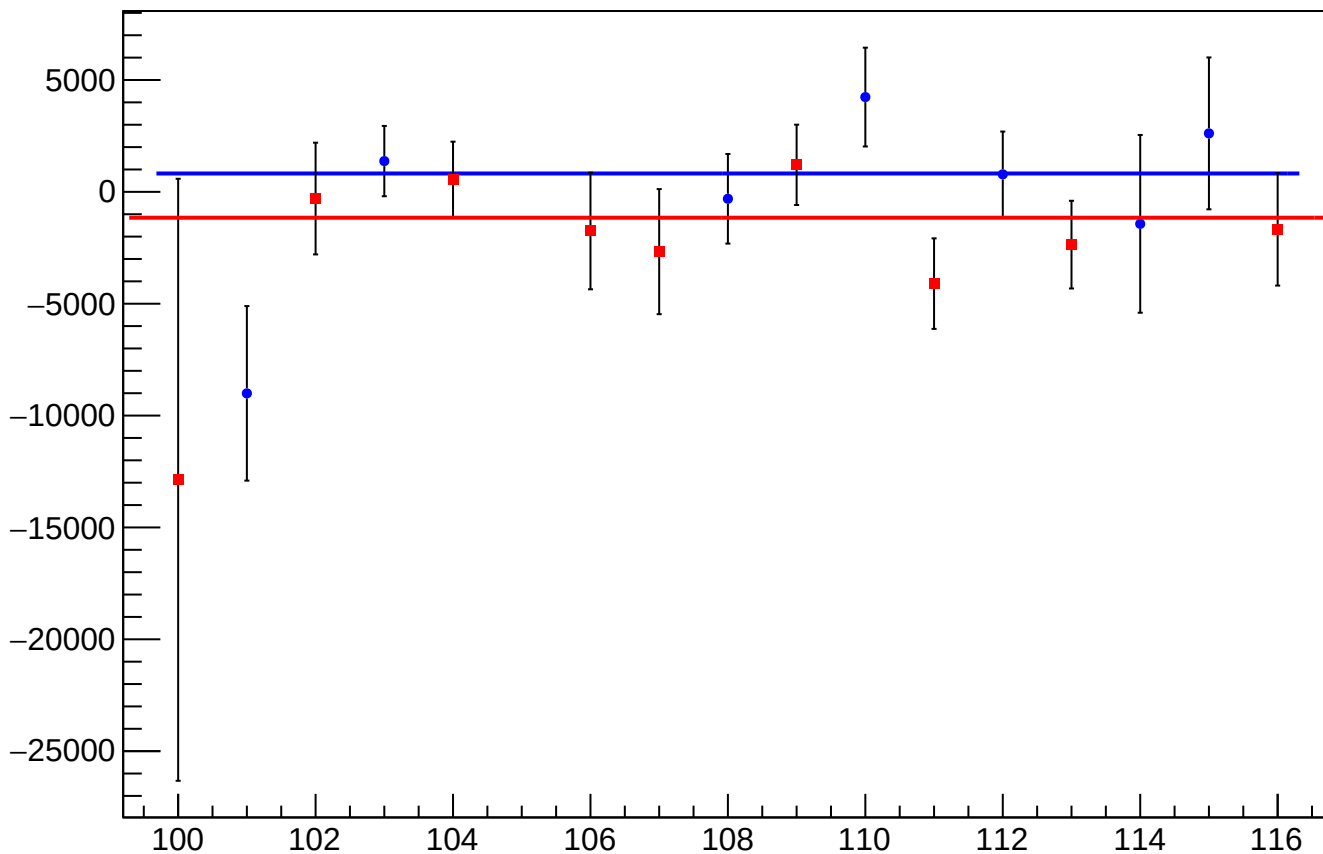
Right: 1301.010+/-0.375 χ^2/NDF : 435343.5/15

In: 1260.551+/-0.546 χ^2/NDF : 233538.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.010+/-0.375 χ^2/NDF : 435343.5/15

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 821.088+/-861.026 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.273+/-753.620 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

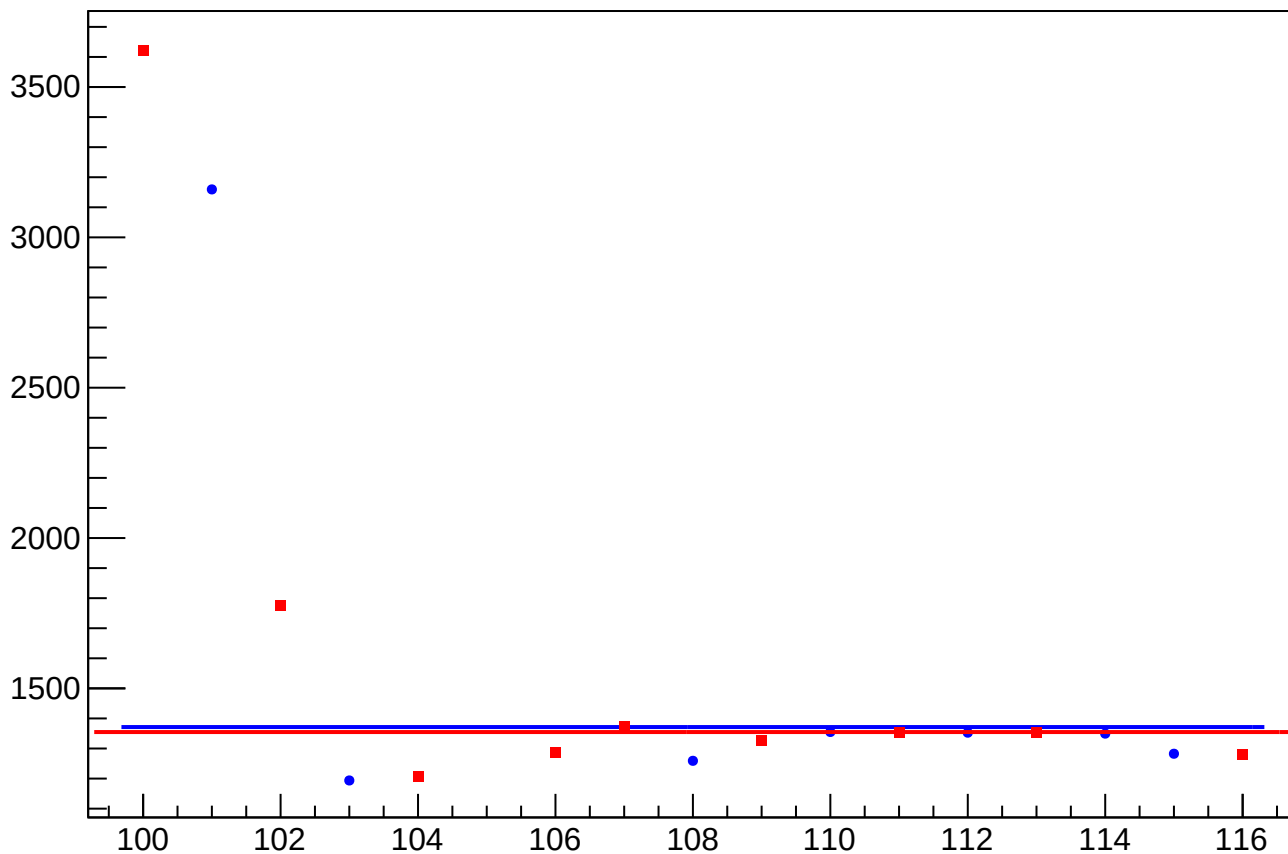
Right: -298.546+/-567.085 χ^2/NDF : 19.3/15

In: 821.088+/-861.026 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.546+/-567.085 χ^2/NDF : 19.3/15

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1371.356+/-0.609 χ^2/NDF : 453720.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.744+/-0.533 χ^2/NDF : 132440.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

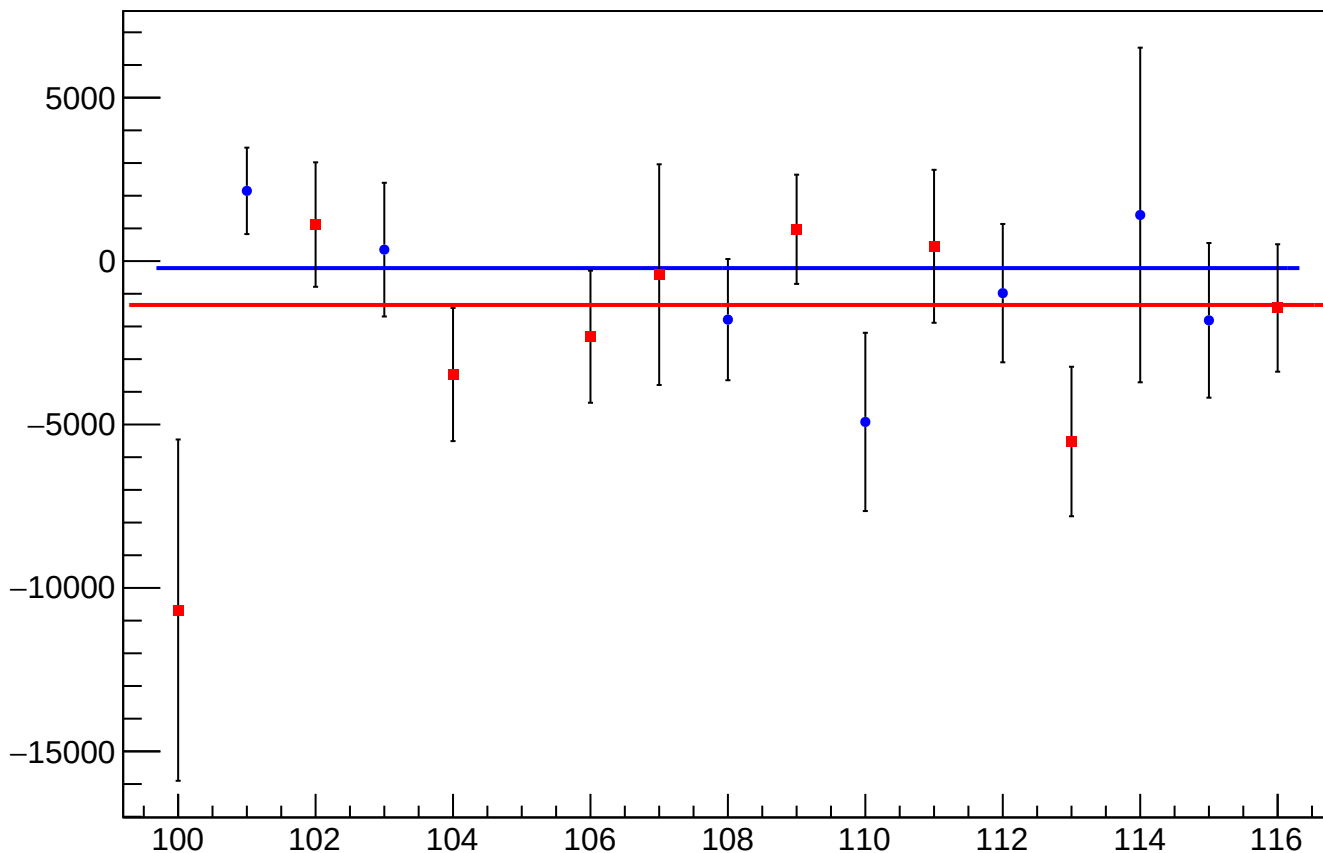
Right: 1361.950+/-0.401 χ^2/NDF : 586582.2/15

In: 1371.356+/-0.609 χ^2/NDF : 453720.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.950+/-0.401 χ^2/NDF : 586582.2/15

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.335+/-772.443 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1342.066+/-729.166 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

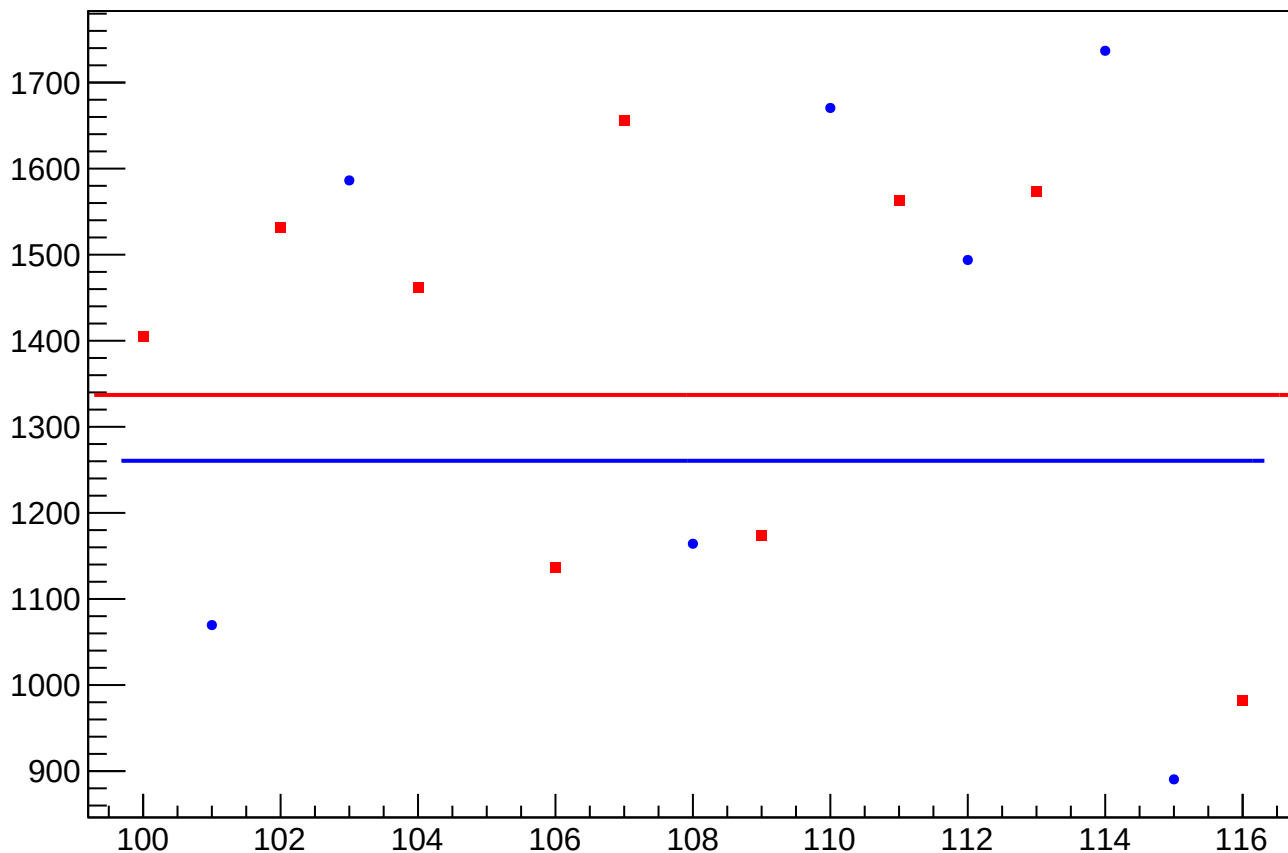
Right: -810.675+/-530.238 χ^2/NDF : 20.9/15

In: -214.335+/-772.443 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.675+/-530.238 χ^2/NDF : 20.9/15

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1260.547+/-0.546 χ^2/NDF : 233542.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.063+/-0.516 χ^2/NDF : 191428.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

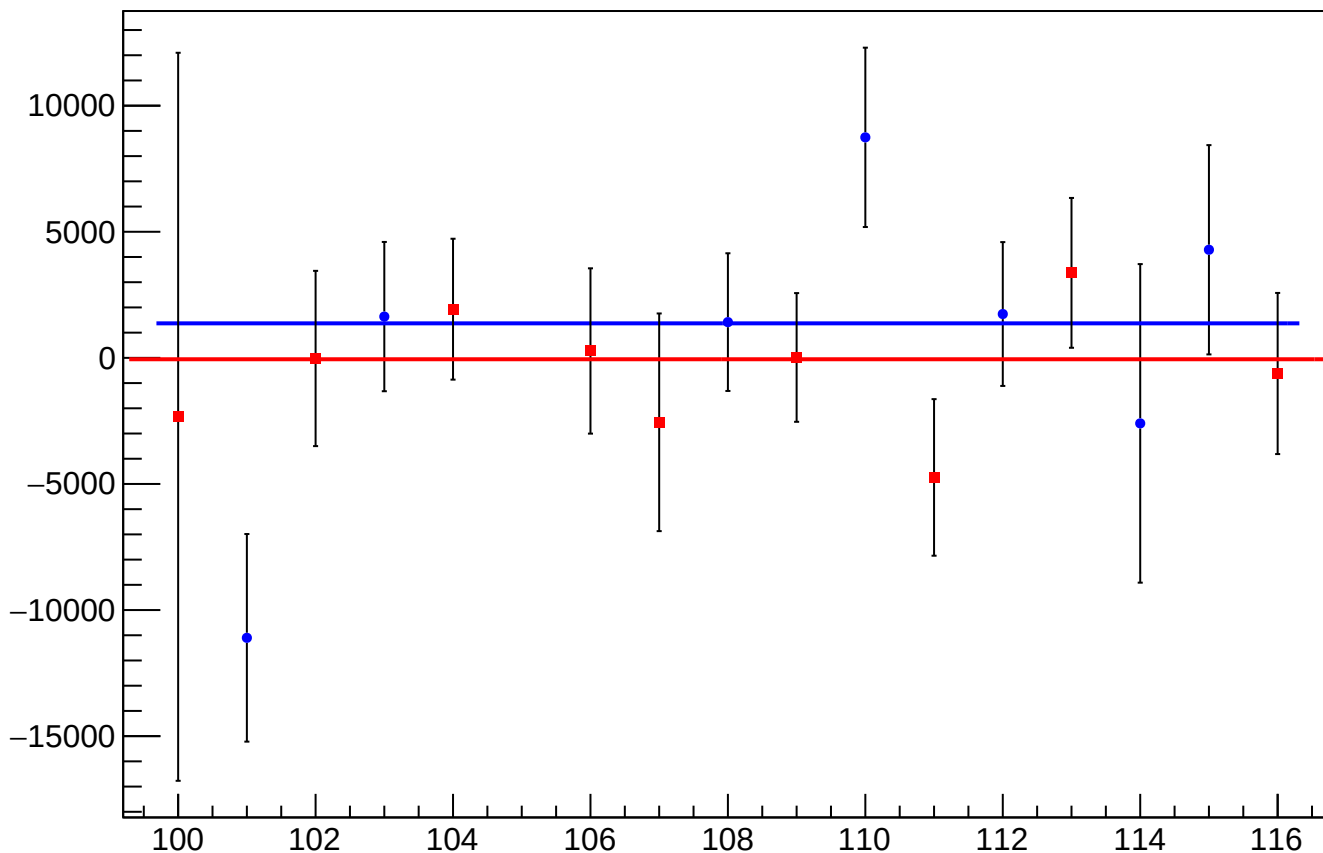
Right: 1301.009+/-0.375 χ^2/NDF : 435348.4/15

In: 1260.547+/-0.546 χ^2/NDF : 233542.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.009+/-0.375 χ^2/NDF : 435348.4/15

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 1368.770+/-1299.098 χ^2 /NDF: 14.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -55.138+/-1096.854 χ^2 /NDF: 4.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

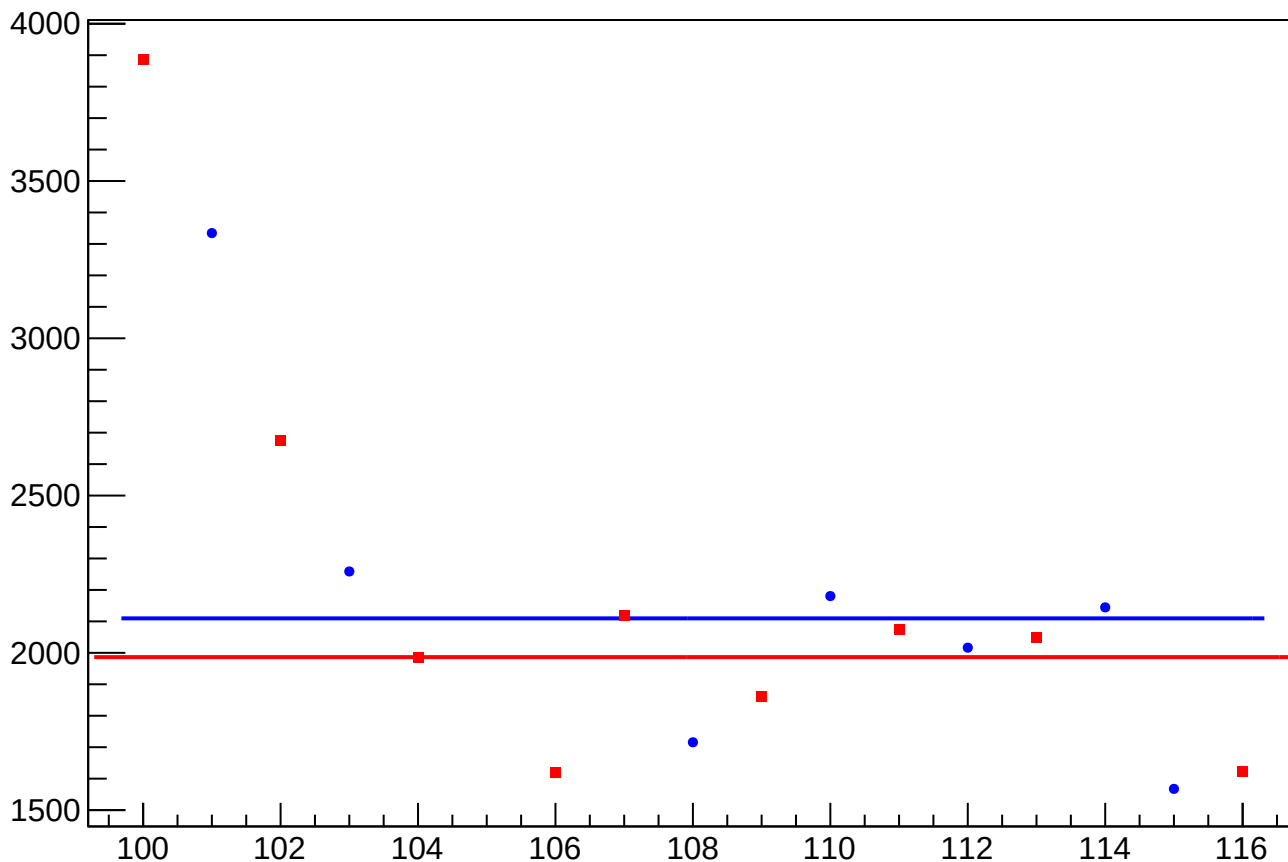
Right: 537.473+/-838.081 χ^2 /NDF: 19.6/15

In: 1368.770+/-1299.098 χ^2 /NDF:14.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 537.473+/-838.081 χ^2 /NDF: 19.6/15

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2109.570+/-0.919 χ^2/NDF : 260949.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1986.378+/-0.776 χ^2/NDF : 173200.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

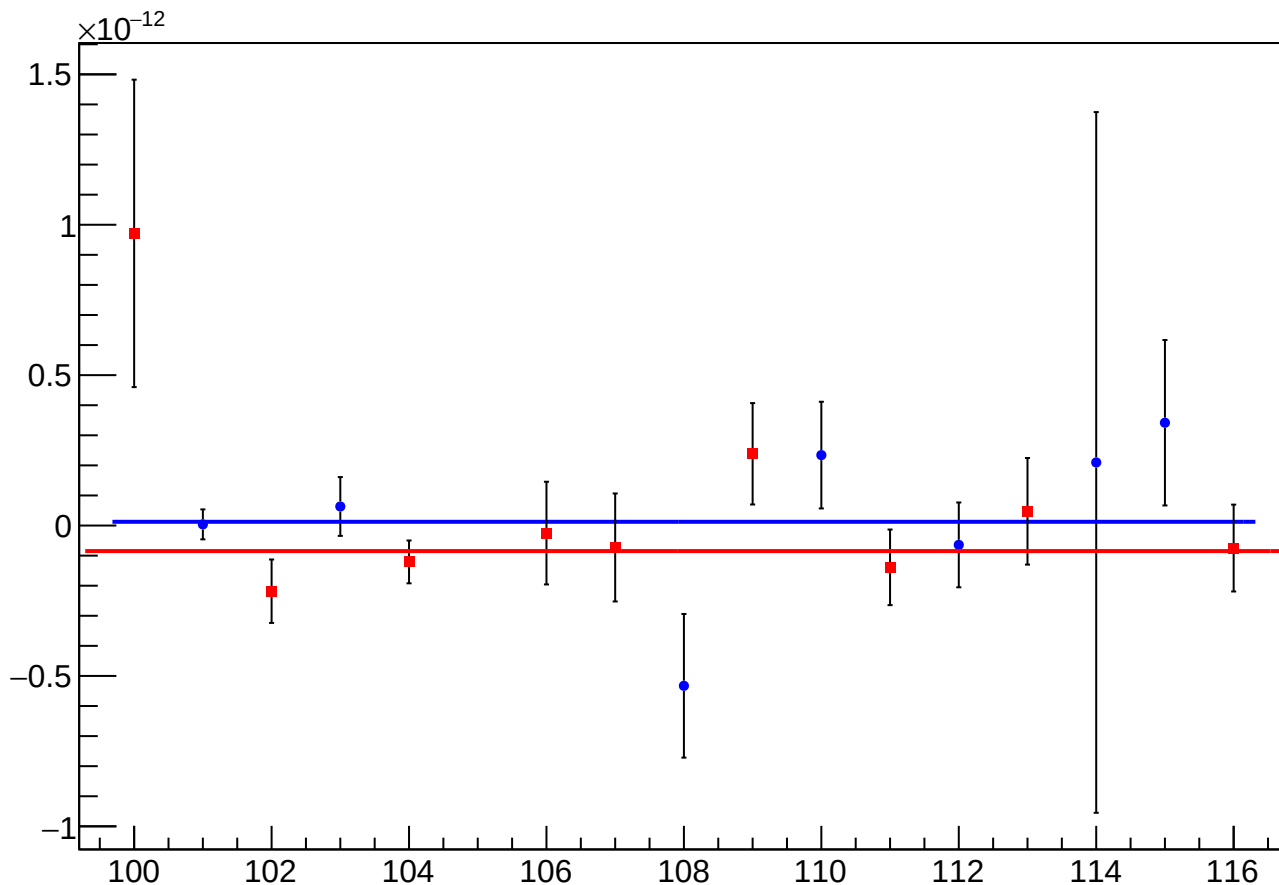
Right: 2037.647+/-0.593 χ^2/NDF : 444649.5/15

In: 2109.570+/-0.919 χ^2/NDF : 260949.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2037.647+/-0.593 χ^2/NDF : 444649.5/15

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

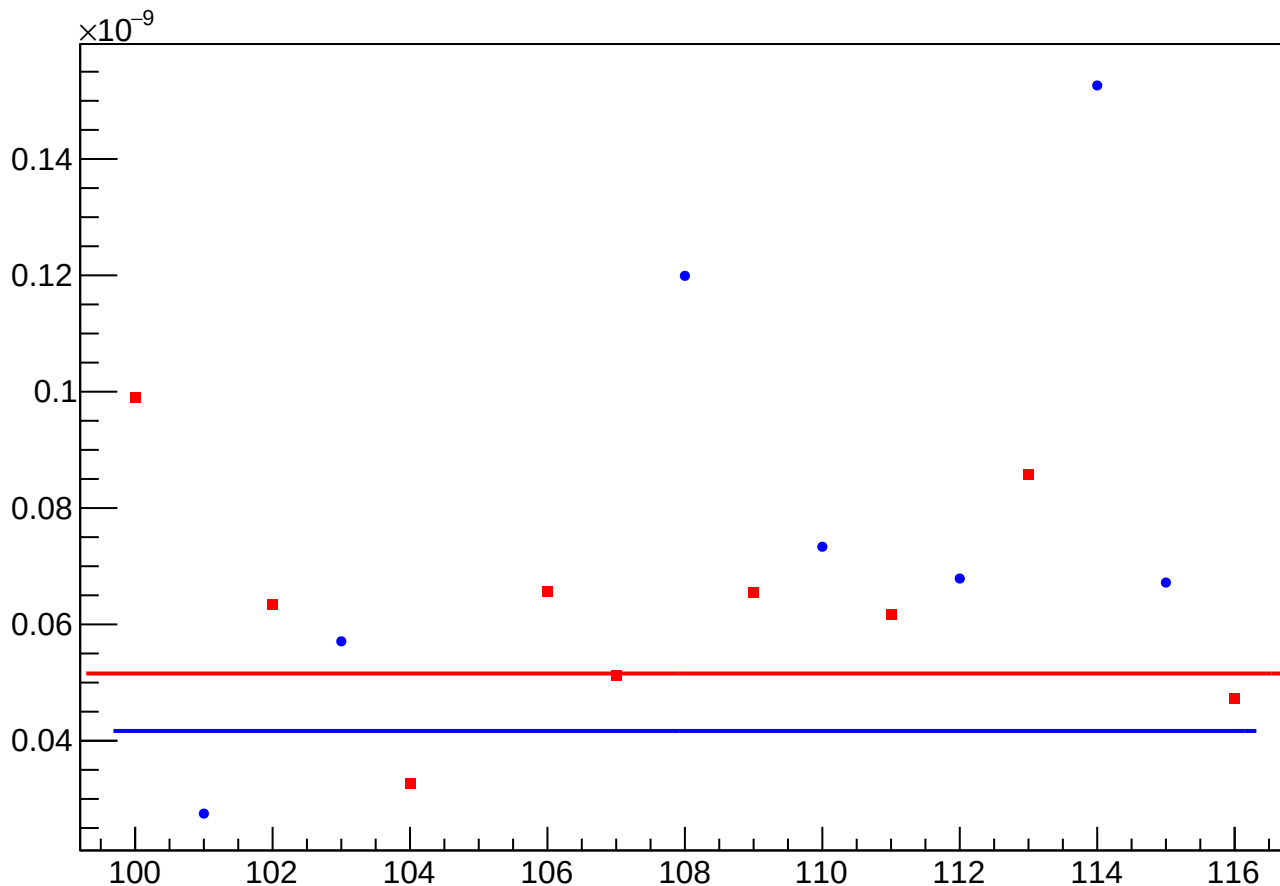
Right: -0.000+/-0.000 χ^2/NDF : 22.2/15

In: 0.000+/-0.000 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/15

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 595143.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 301444.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

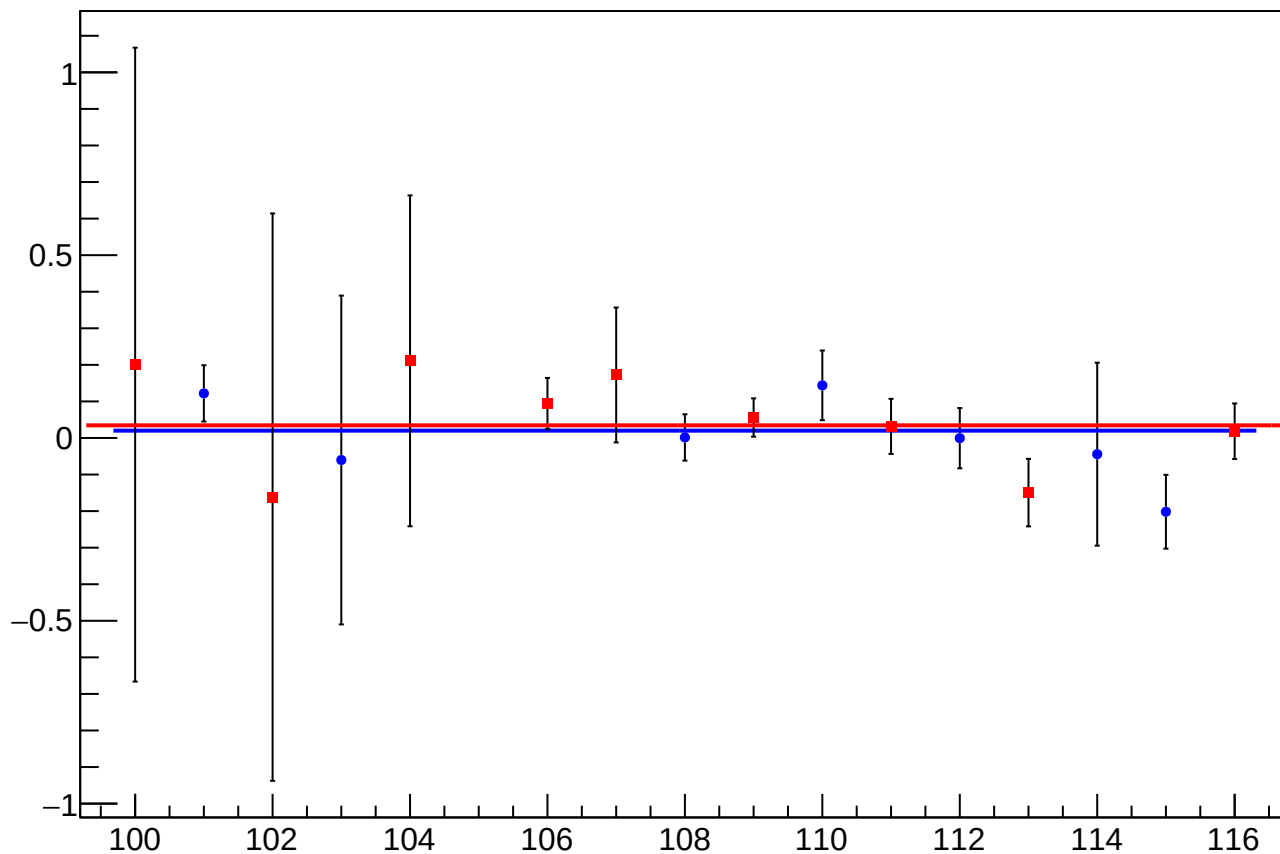
Right: 0.000+/-0.000 χ^2/NDF : 952643.7/15

In: 0.000+/-0.000 χ^2/NDF : 595143.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 952643.7/15

asym_atl_dd_atr_dd_dd_dit_vs_Slug_Sign_Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

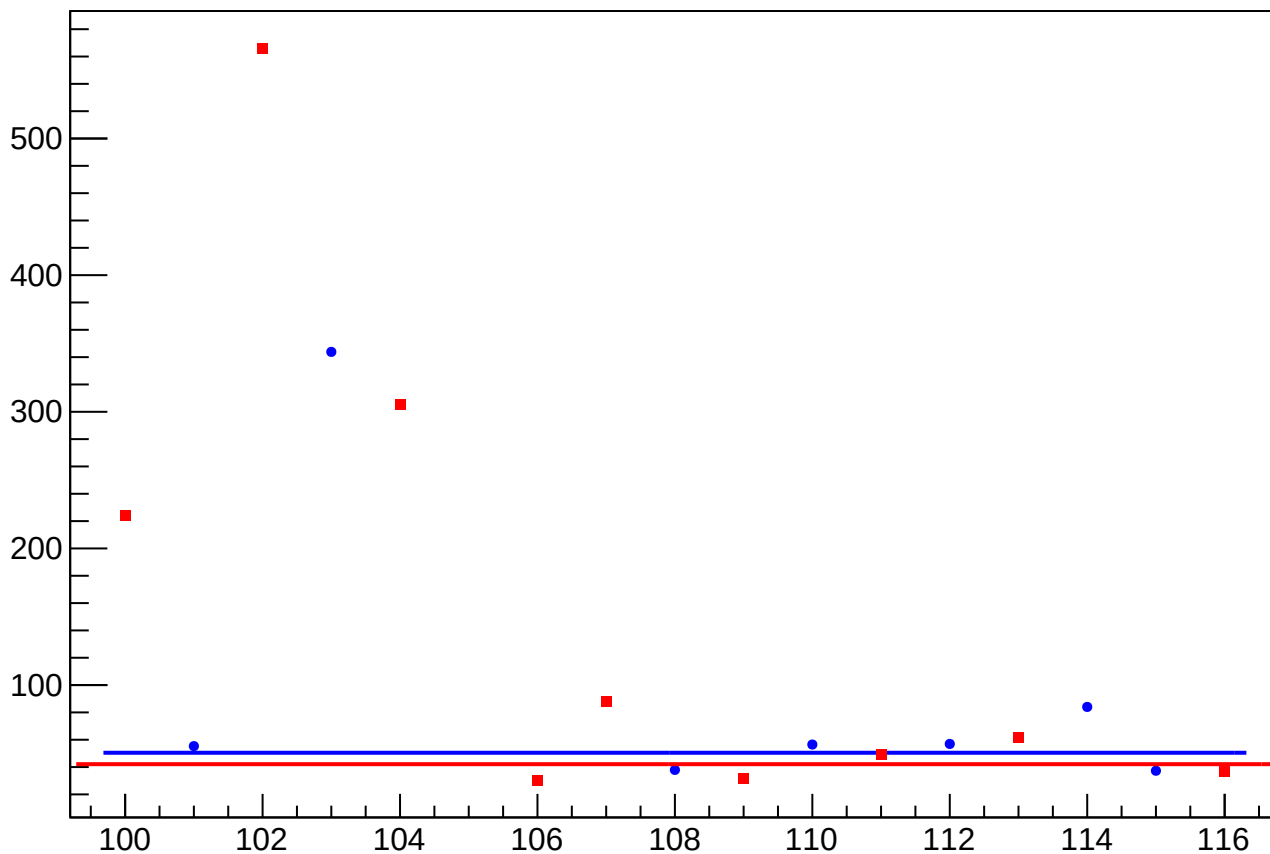
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

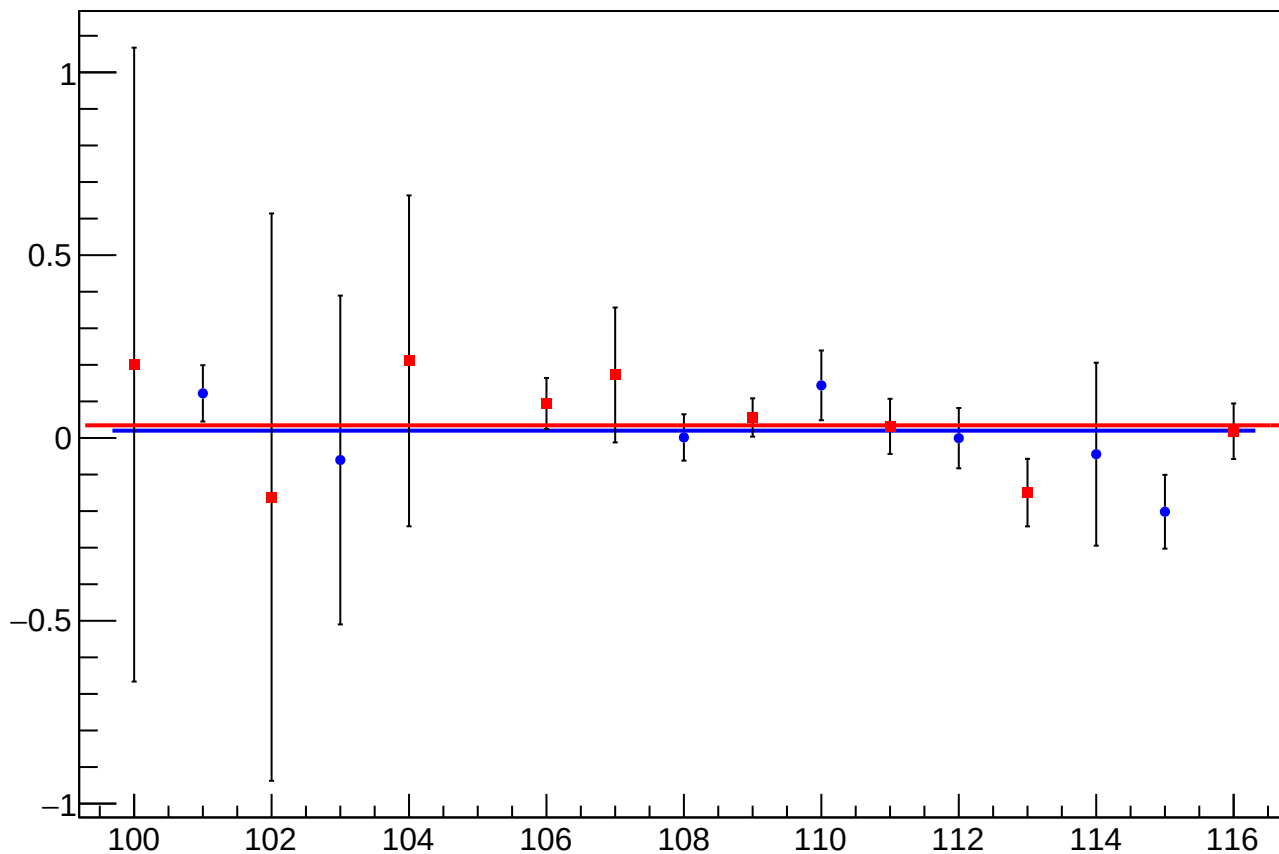
Right: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

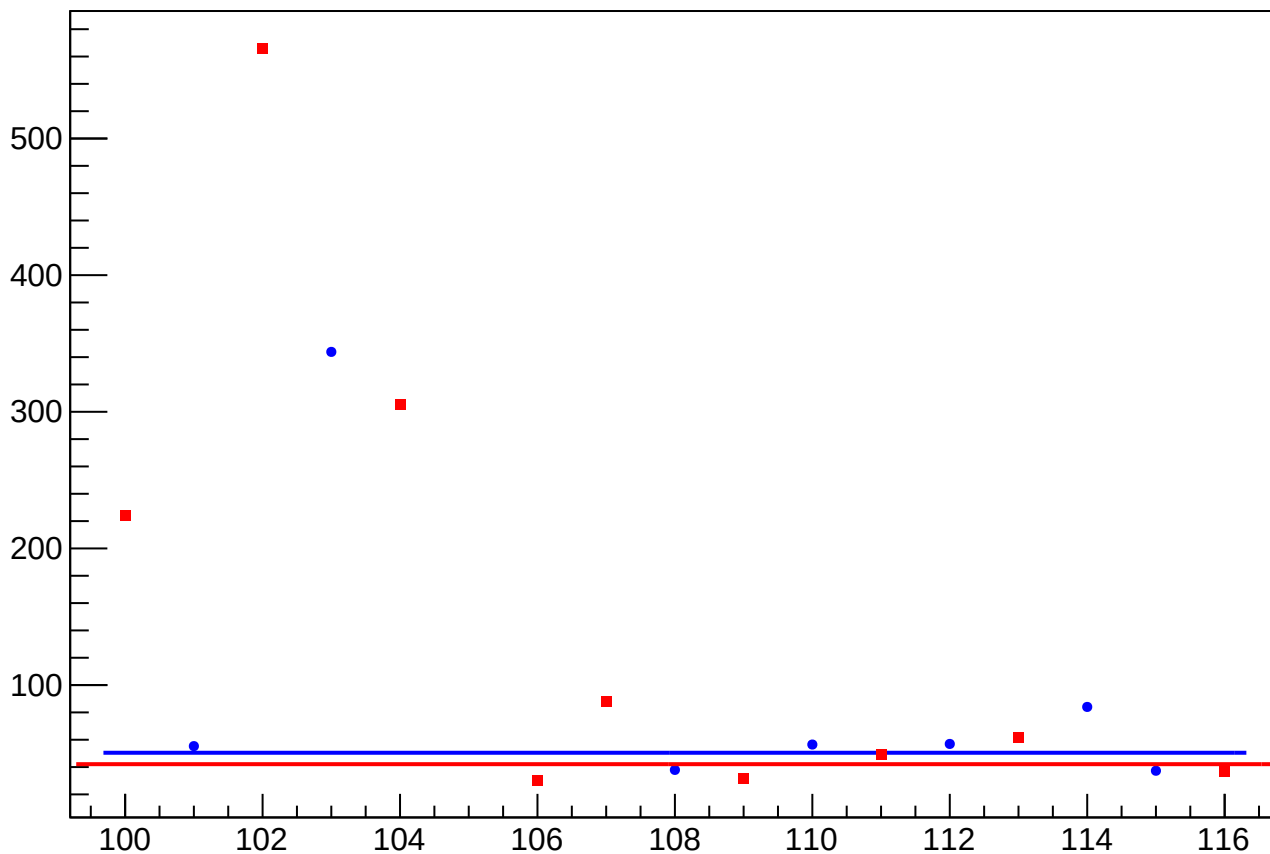
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

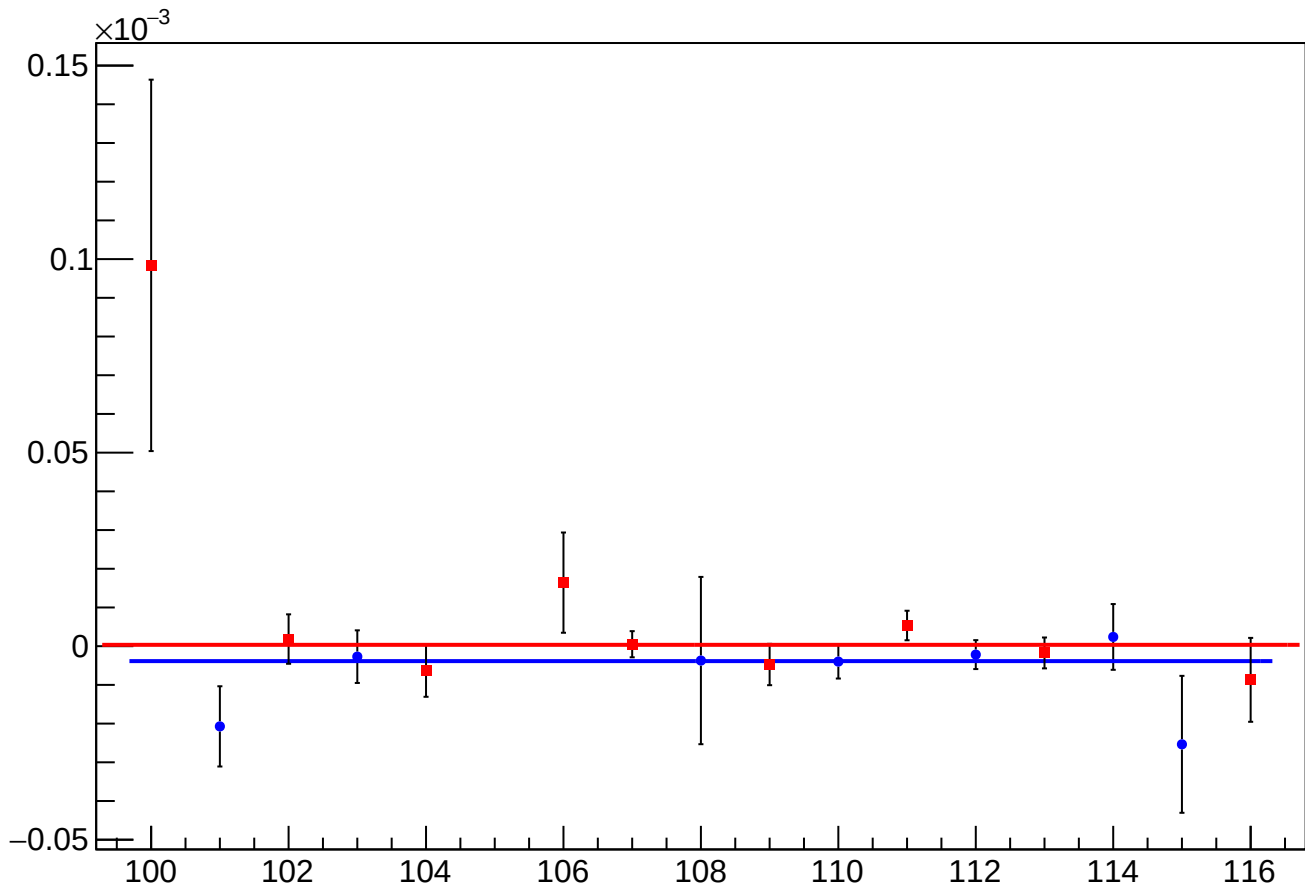
Right: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

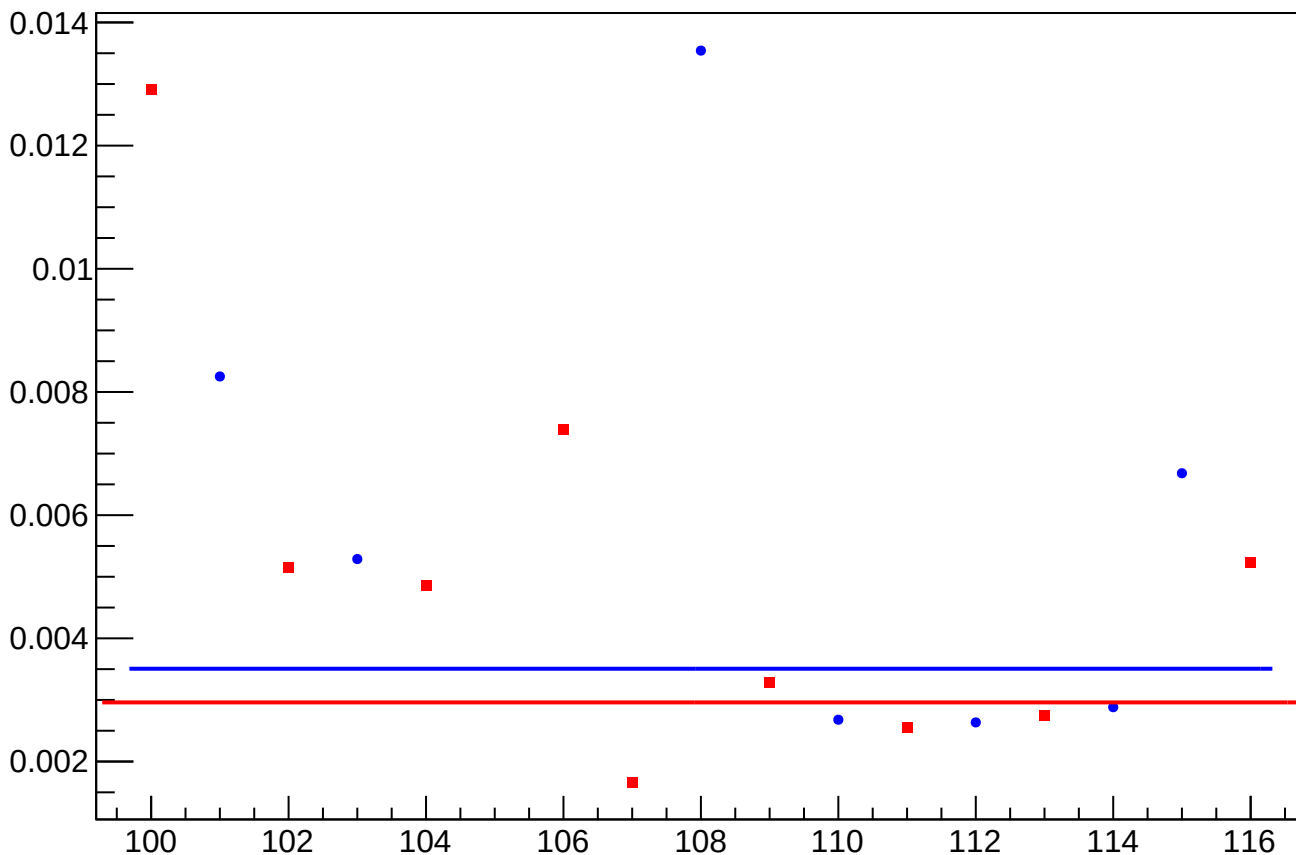
Right: -0.000+/-0.000 χ^2/NDF : 17.2/15

In: -0.000+/-0.000 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/15

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1243355.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1133395.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

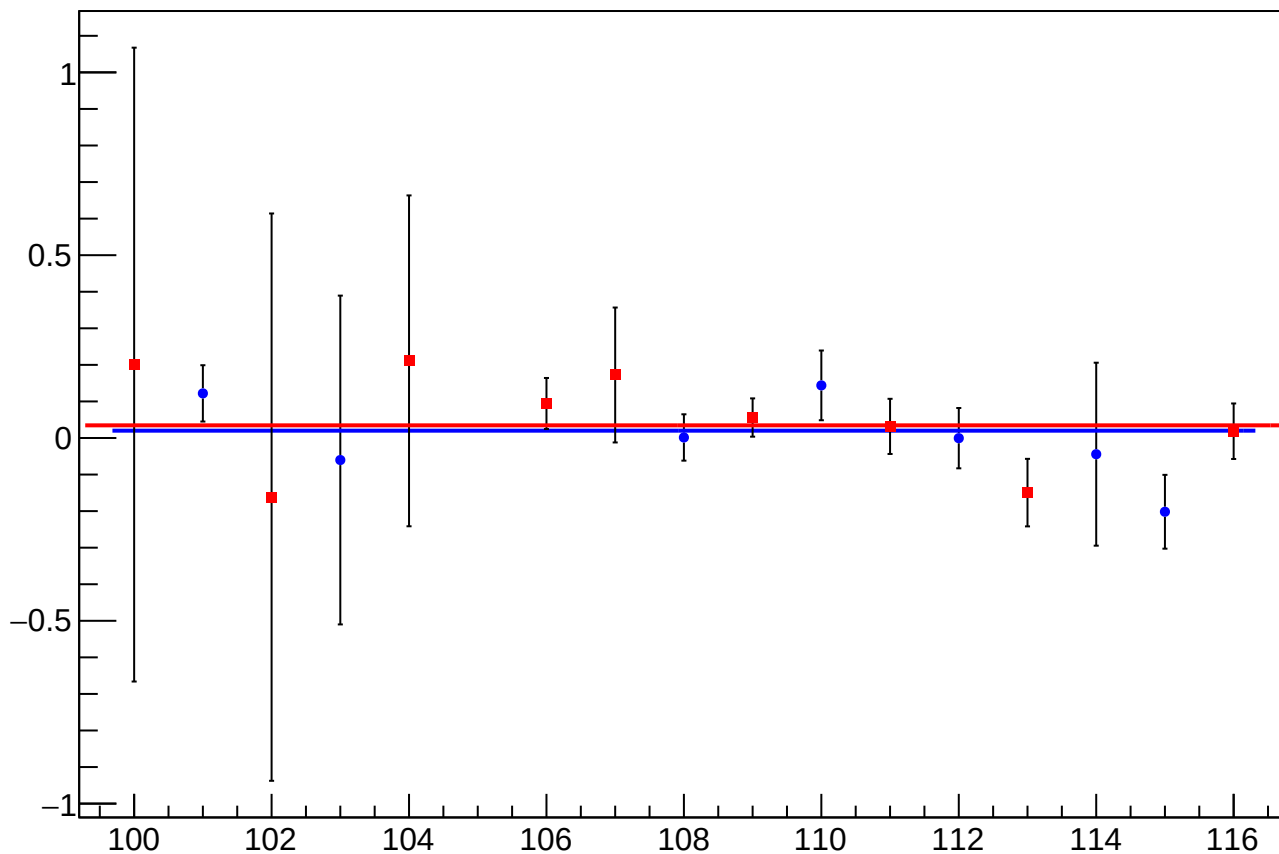
Right: 0.003+/-0.000 χ^2/NDF : 2443779.0/15

In: 0.004+/-0.000 χ^2/NDF :1243355.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2443779.0/15

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

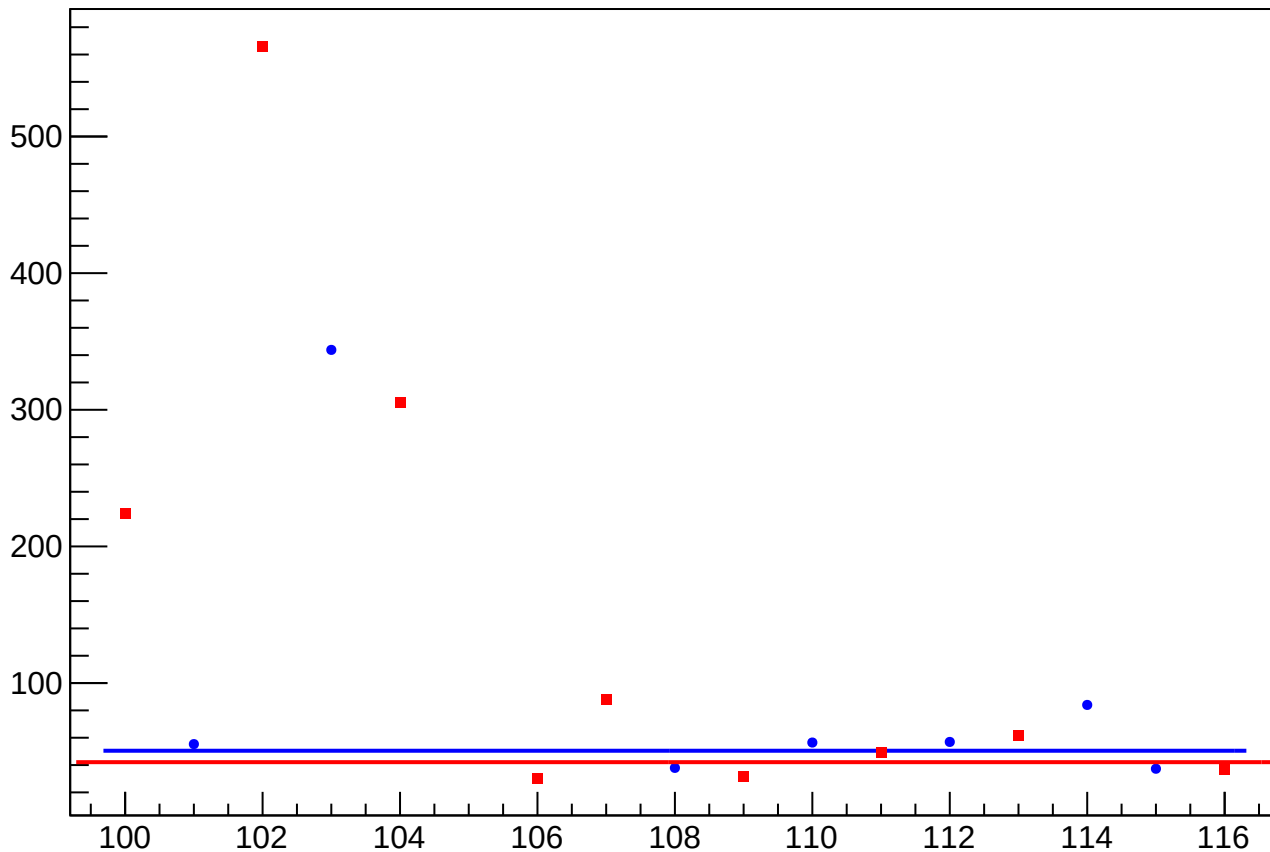
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

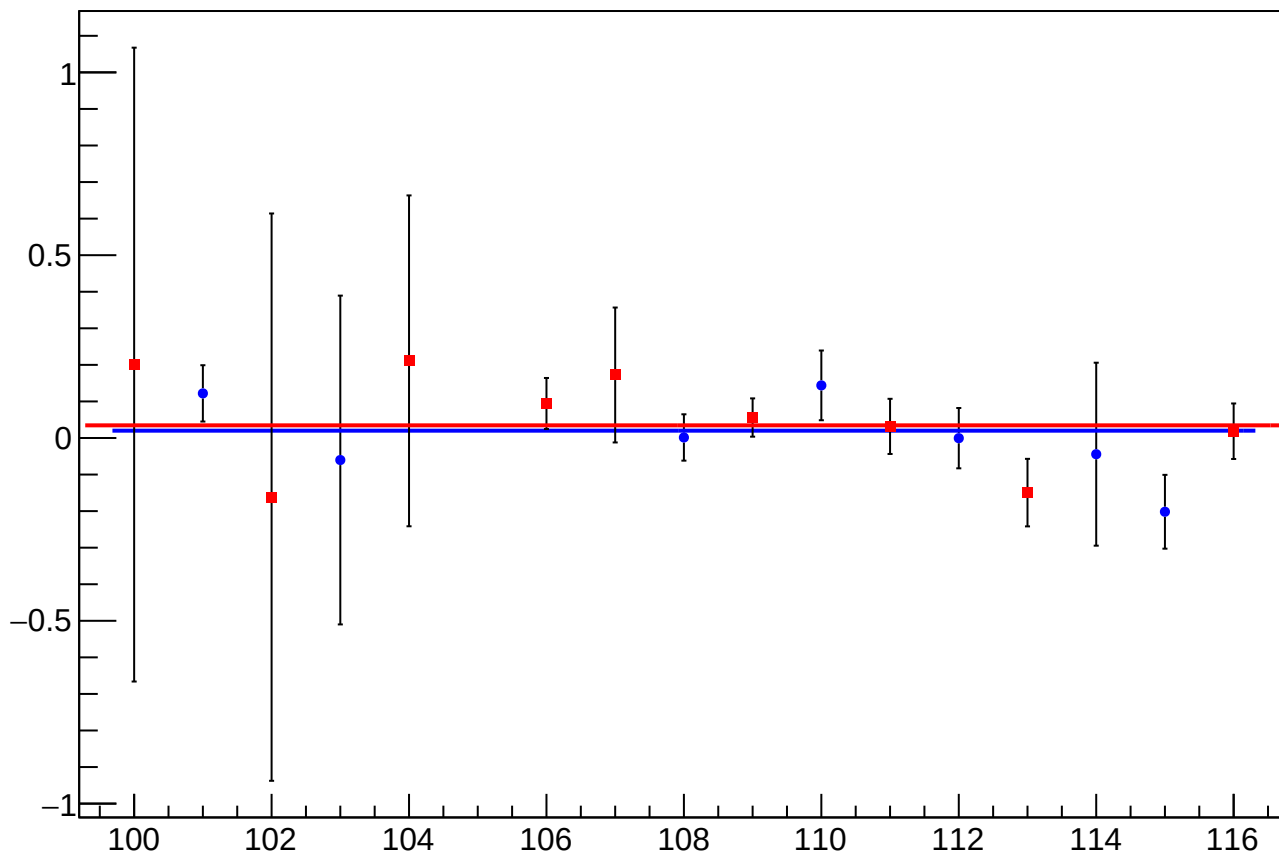
Right: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

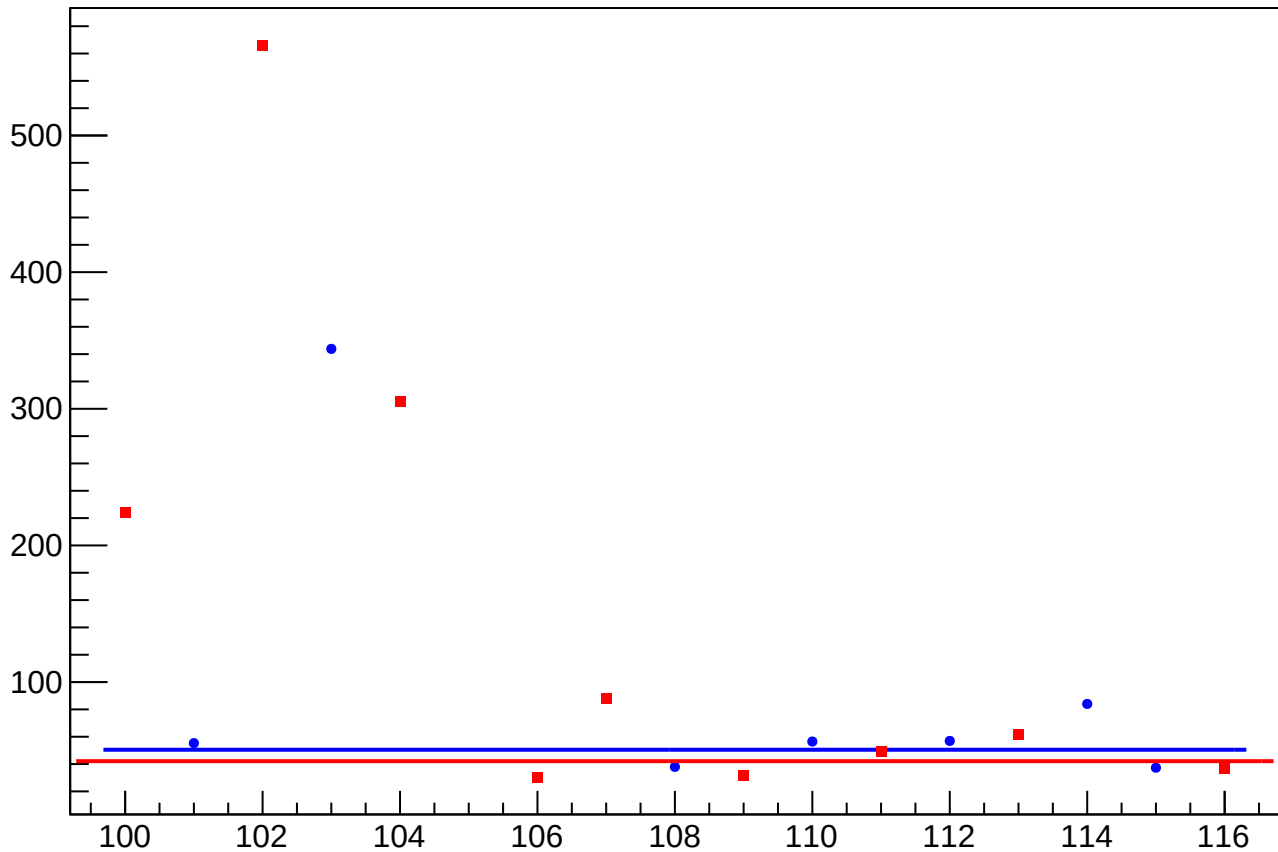
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF :8.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

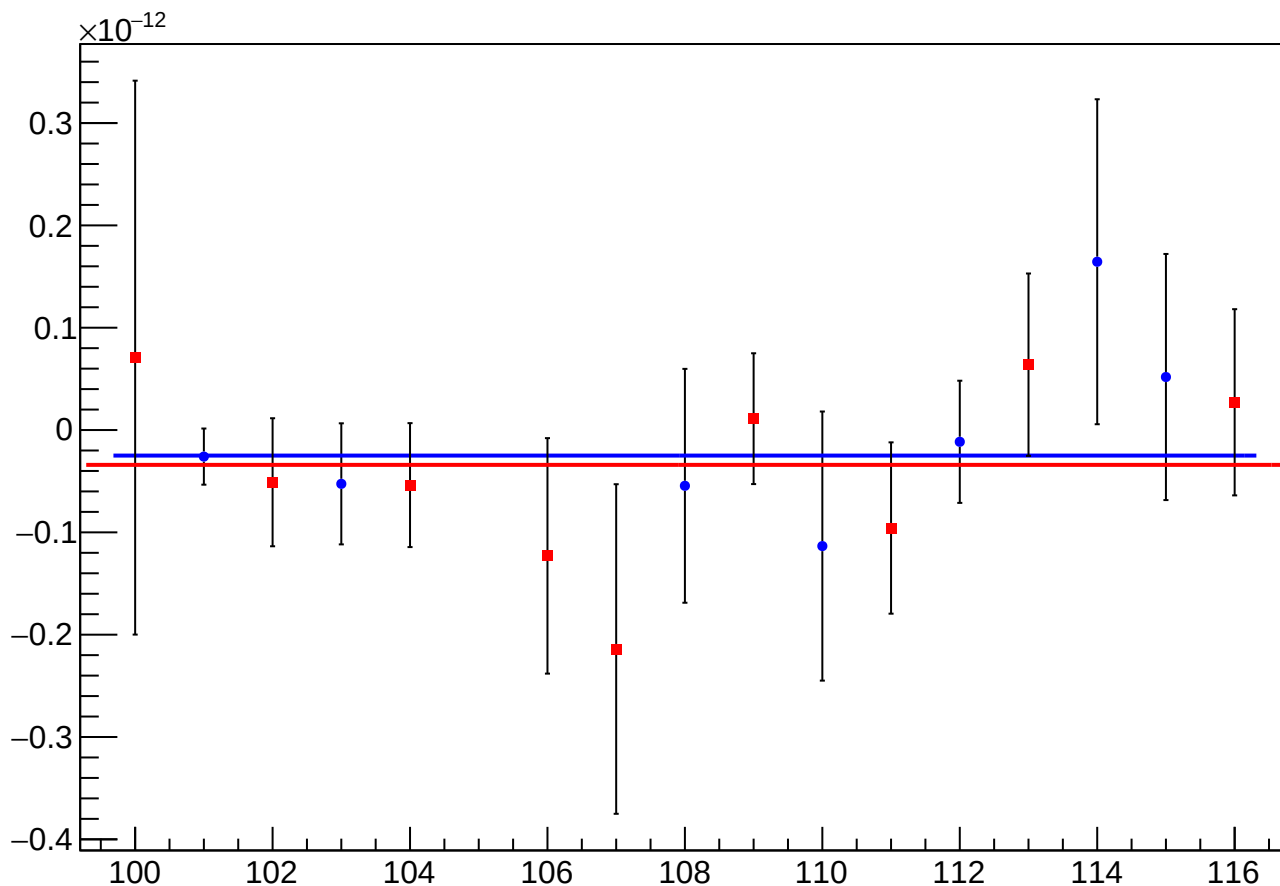
Right: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

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 : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

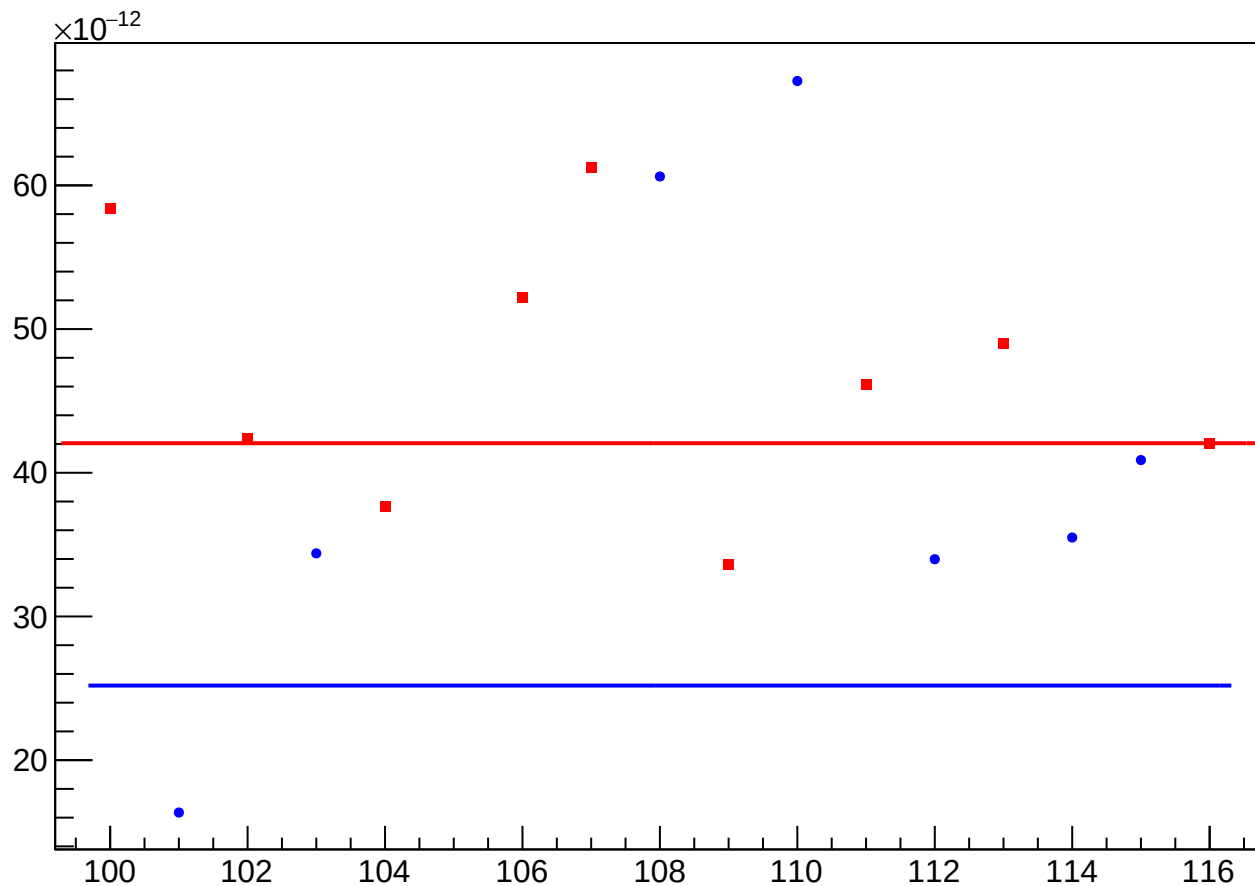
Right: -0.000+/-0.000 χ^2/NDF : 7.6/15

In: -0.000+/-0.000 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/15

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 : 738555.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113758.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

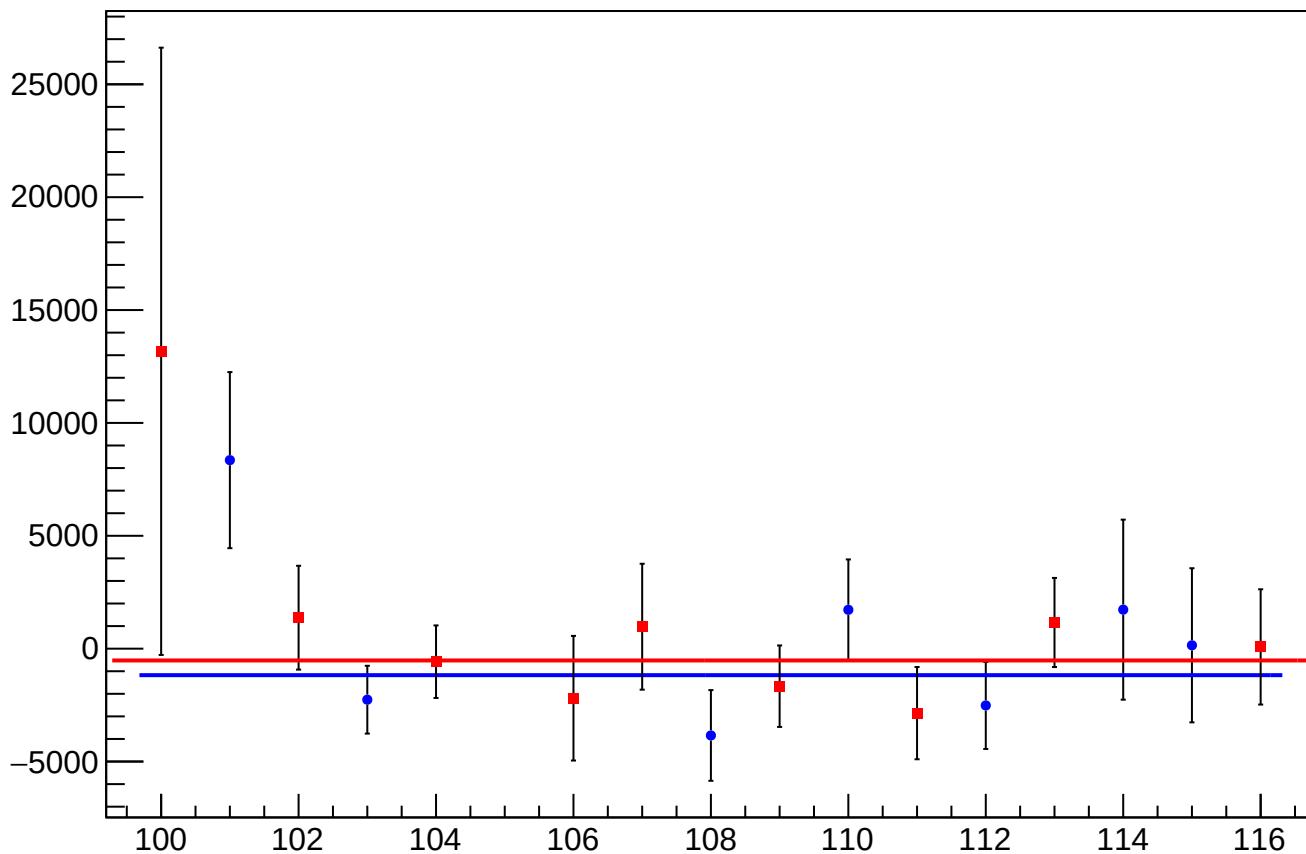
Right: 0.000+/-0.000 χ^2/NDF : 1309972.4/15

In: 0.000+/-0.000 χ^2/NDF : 738555.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1309972.4/15

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1173.873+/-852.702 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.385+/-745.706 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

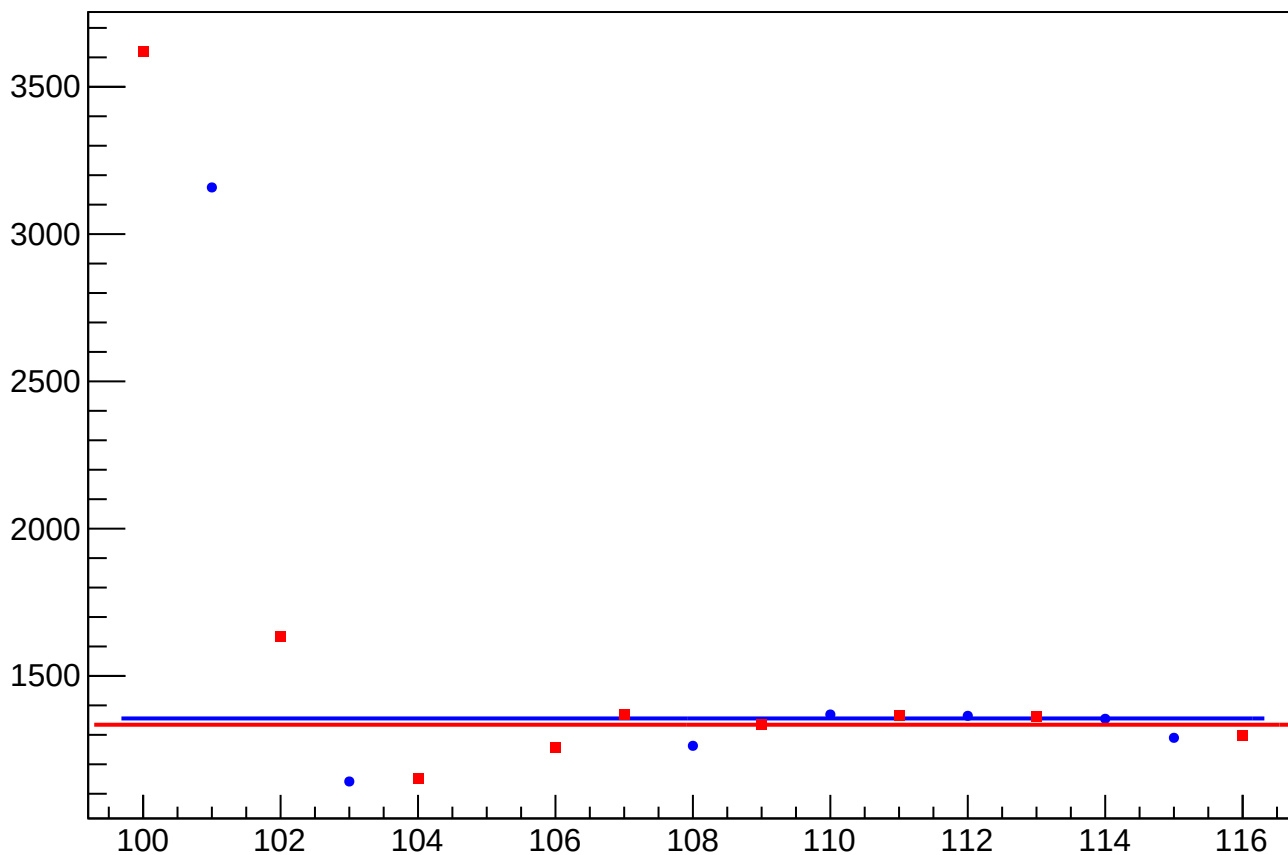
Right: -804.713+/-561.334 χ^2/NDF : 16.3/15

In: -1173.873+/-852.702 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -804.713+/-561.334 χ^2/NDF : 16.3/15

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1355.656+/-0.603 χ^2/NDF : 473048.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.347+/-0.524 χ^2/NDF : 121241.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

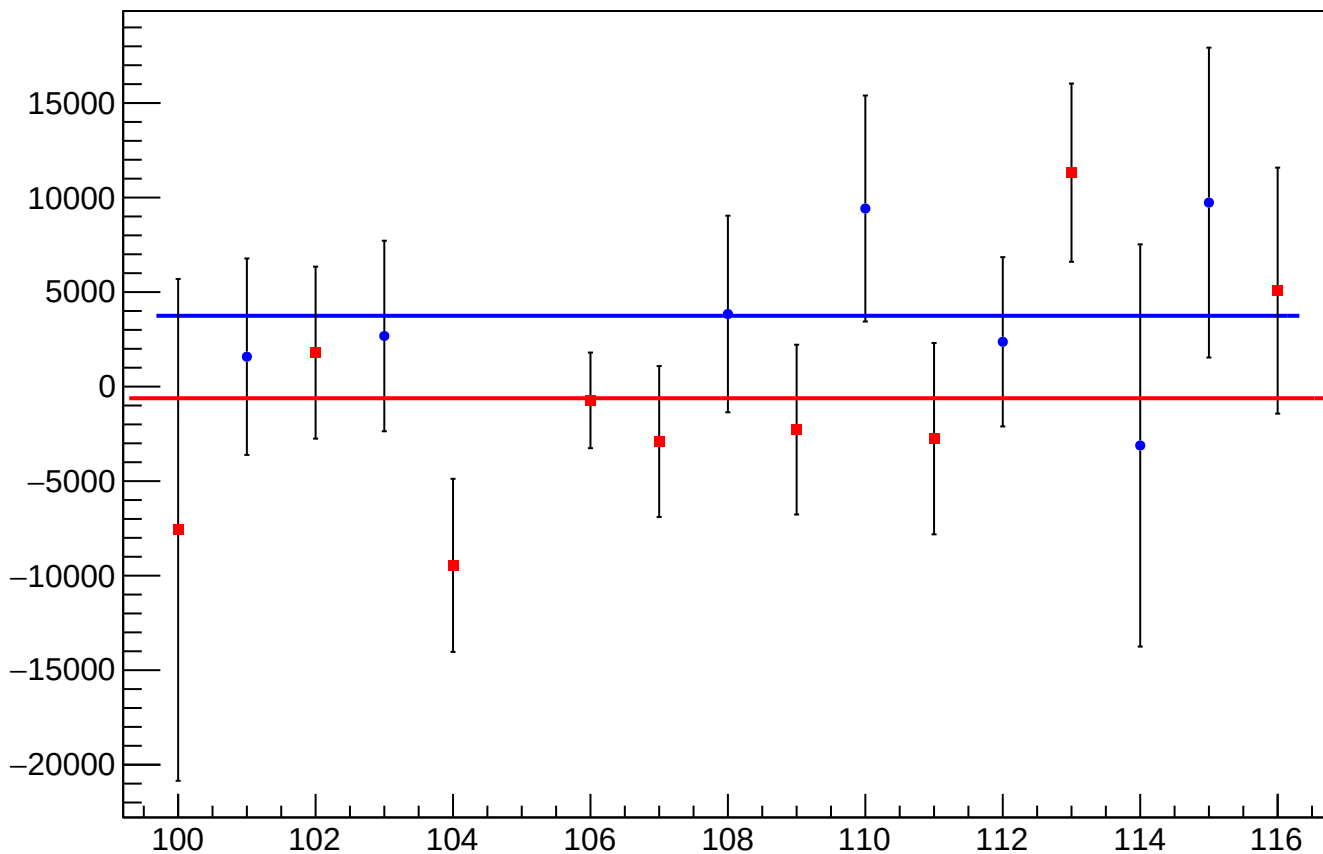
Right: 1343.517+/-0.396 χ^2/NDF : 595001.9/15

In: 1355.656+/-0.603 χ^2/NDF : 473048.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.517+/-0.396 χ^2/NDF : 595001.9/15

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3746.450+/-2156.582 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -615.653+/-1446.355 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

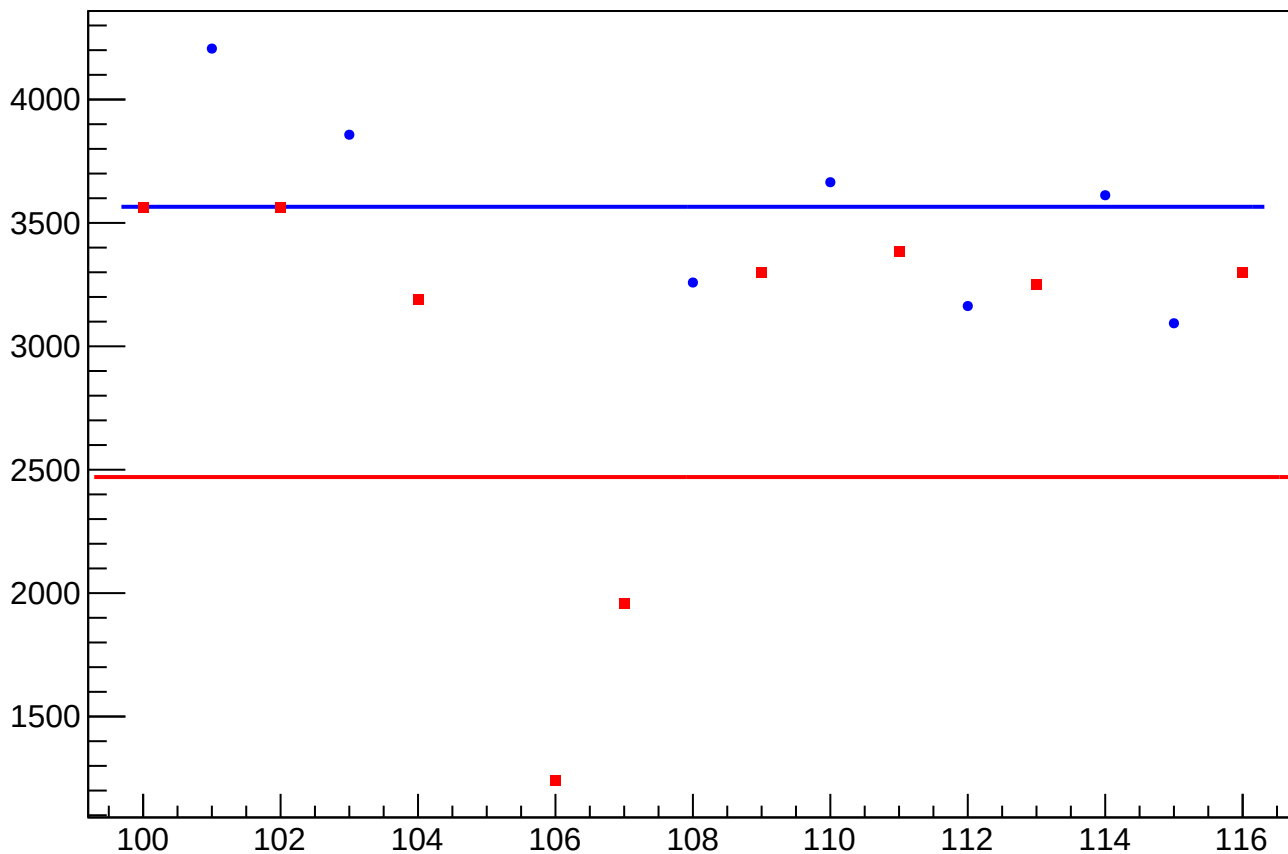
Right: 737.686+/-1201.216 χ^2/NDF : 17.1/15

In: 3746.450+/-2156.582 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.686+/-1201.216 χ^2/NDF : 17.1/15

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3565.355+/-1.525 χ^2/NDF : 67480.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2470.307+/-1.023 χ^2/NDF : 903314.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

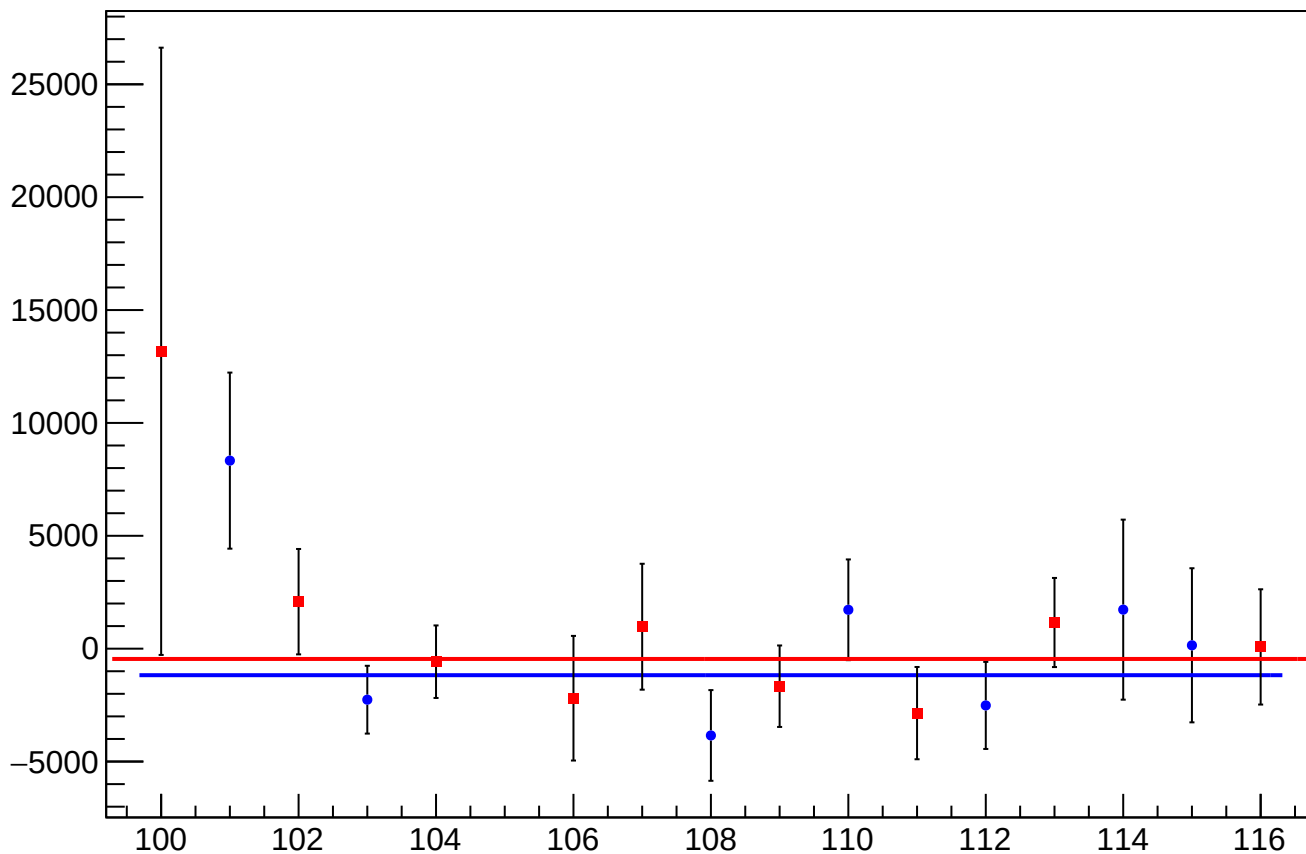
Right: 2810.044+/-0.849 χ^2/NDF : 1326473.7/15

In: 3565.355+/-1.525 χ^2/NDF : 67480.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2810.044+/-0.849 χ^2/NDF : 1326473.7/15

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.732+/-746.864 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

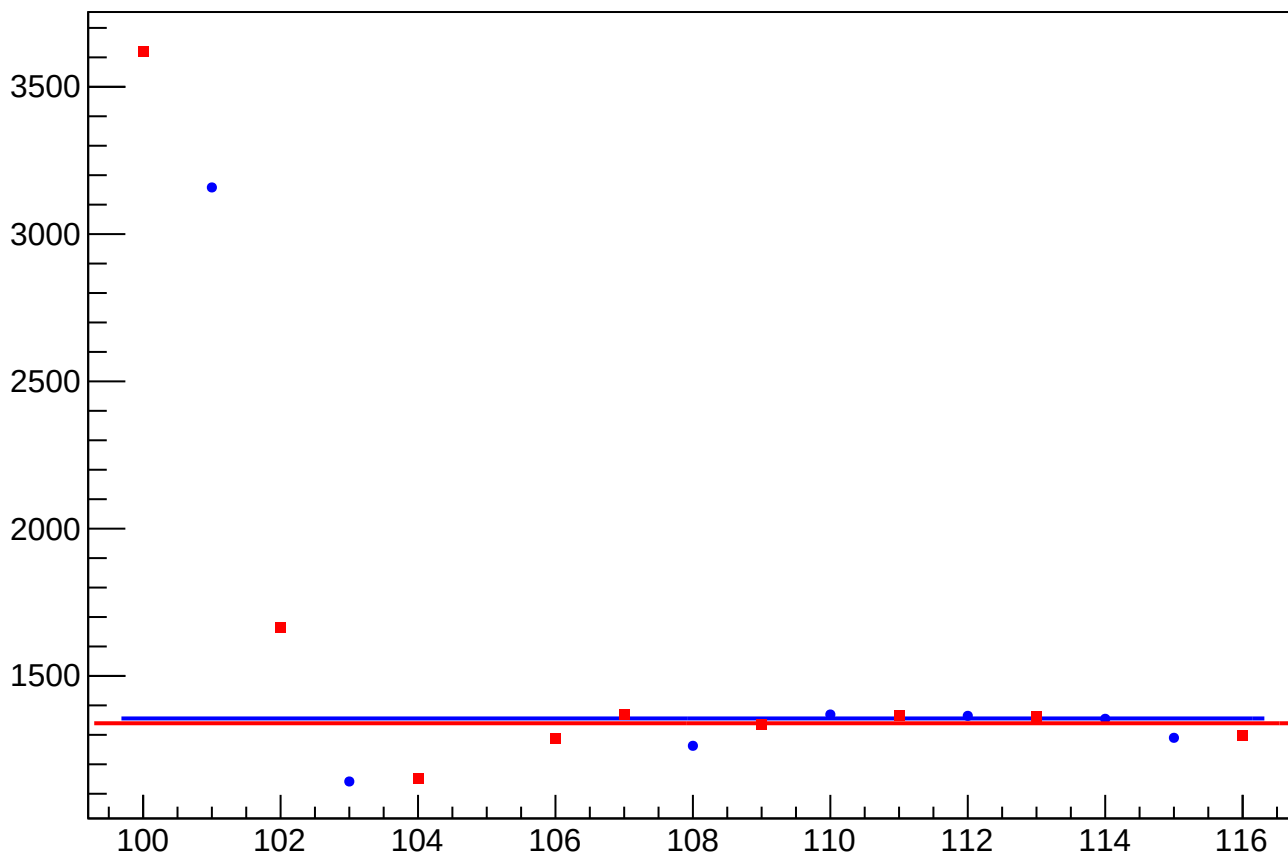
Right: -767.910+/-561.828 χ^2/NDF : 16.9/15

In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.910+/-561.828 χ^2/NDF : 16.9/15

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

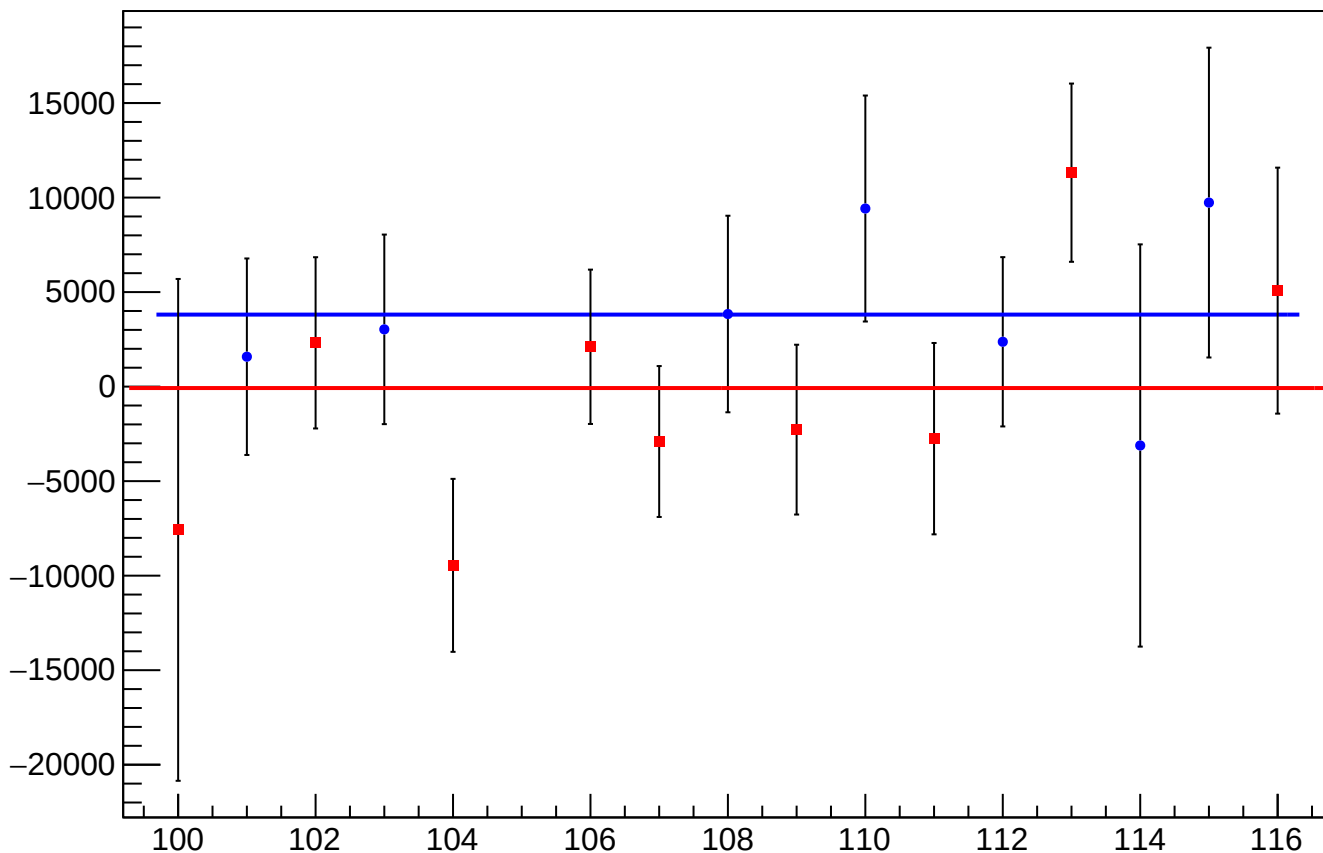
Right: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -75.811+/-1617.505 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

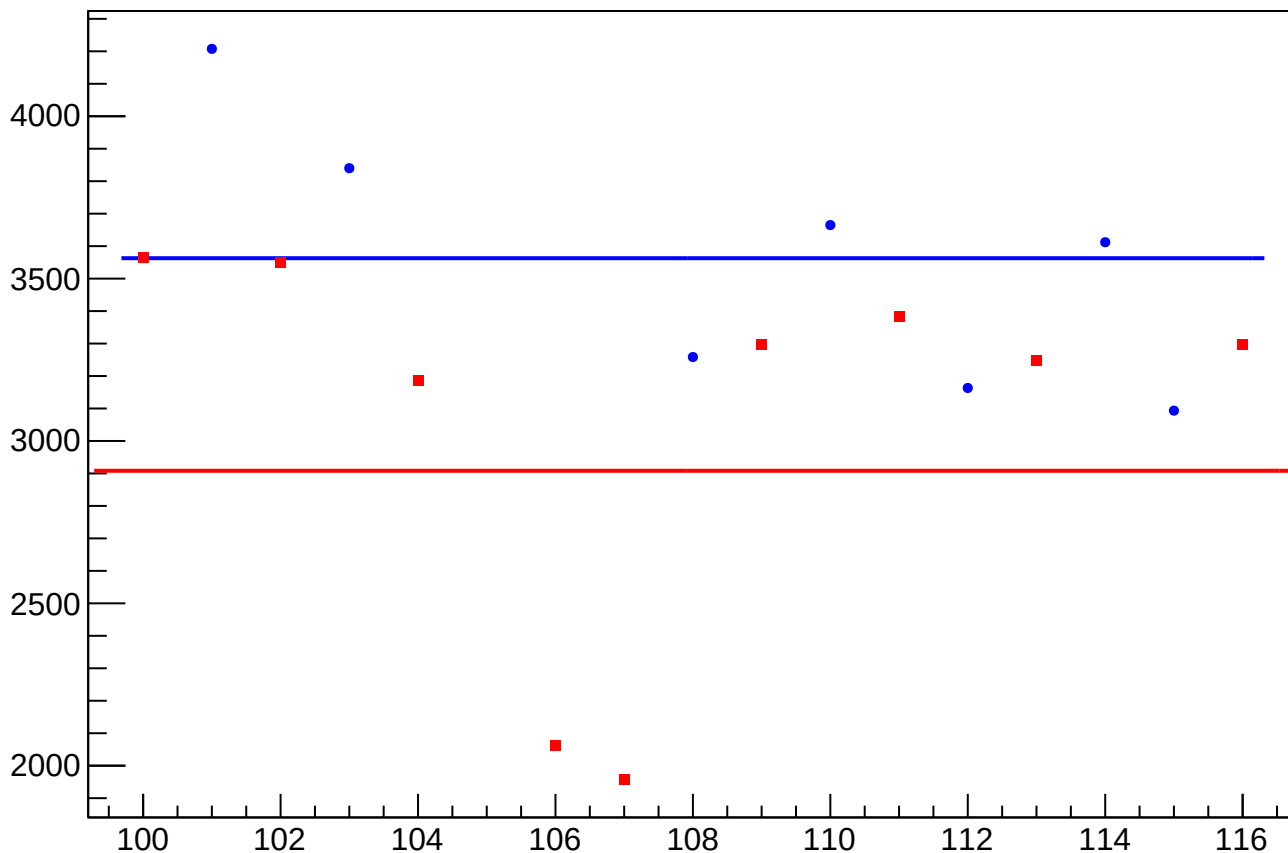
Right: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

In: 3809.316+/-2154.624 χ^2/NDF :2.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

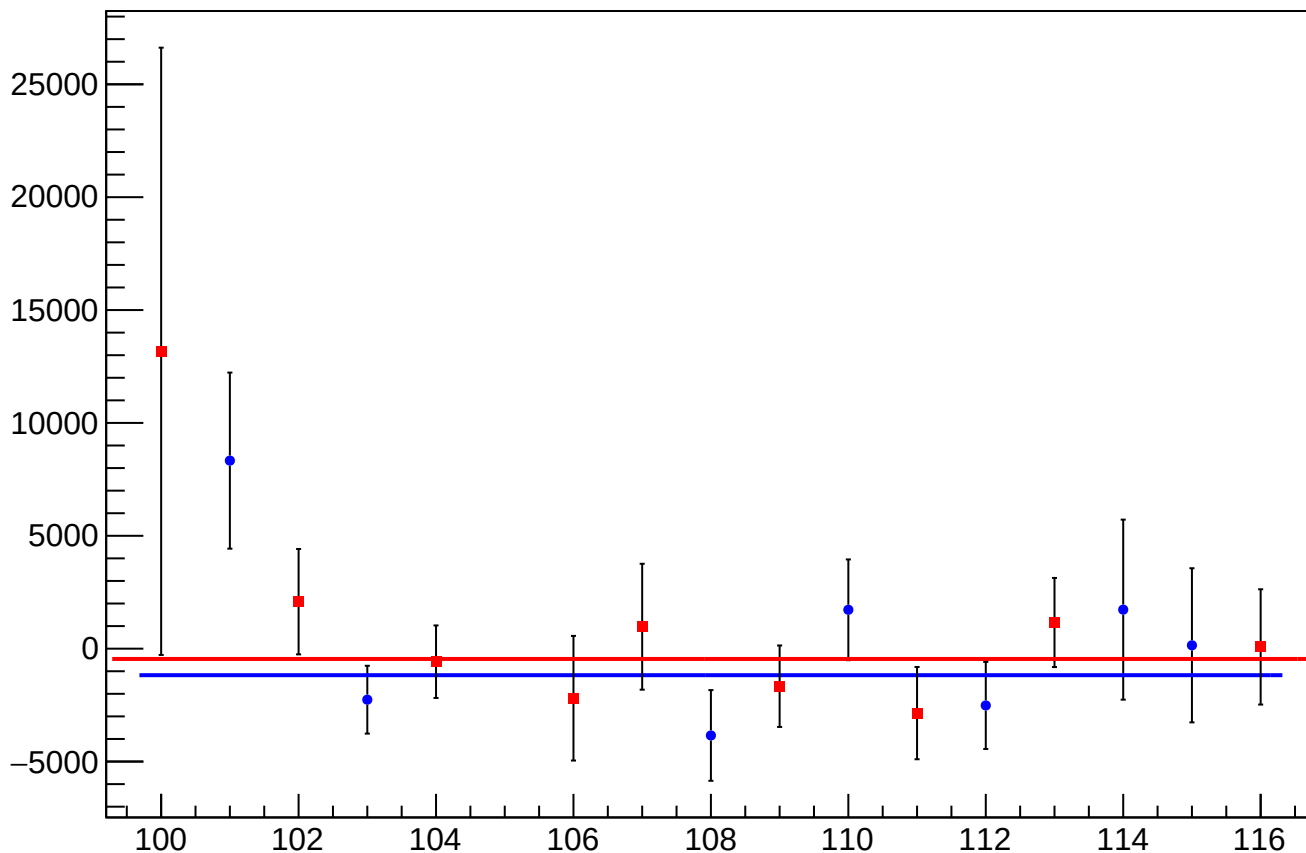
Right: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.732+/-746.864 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

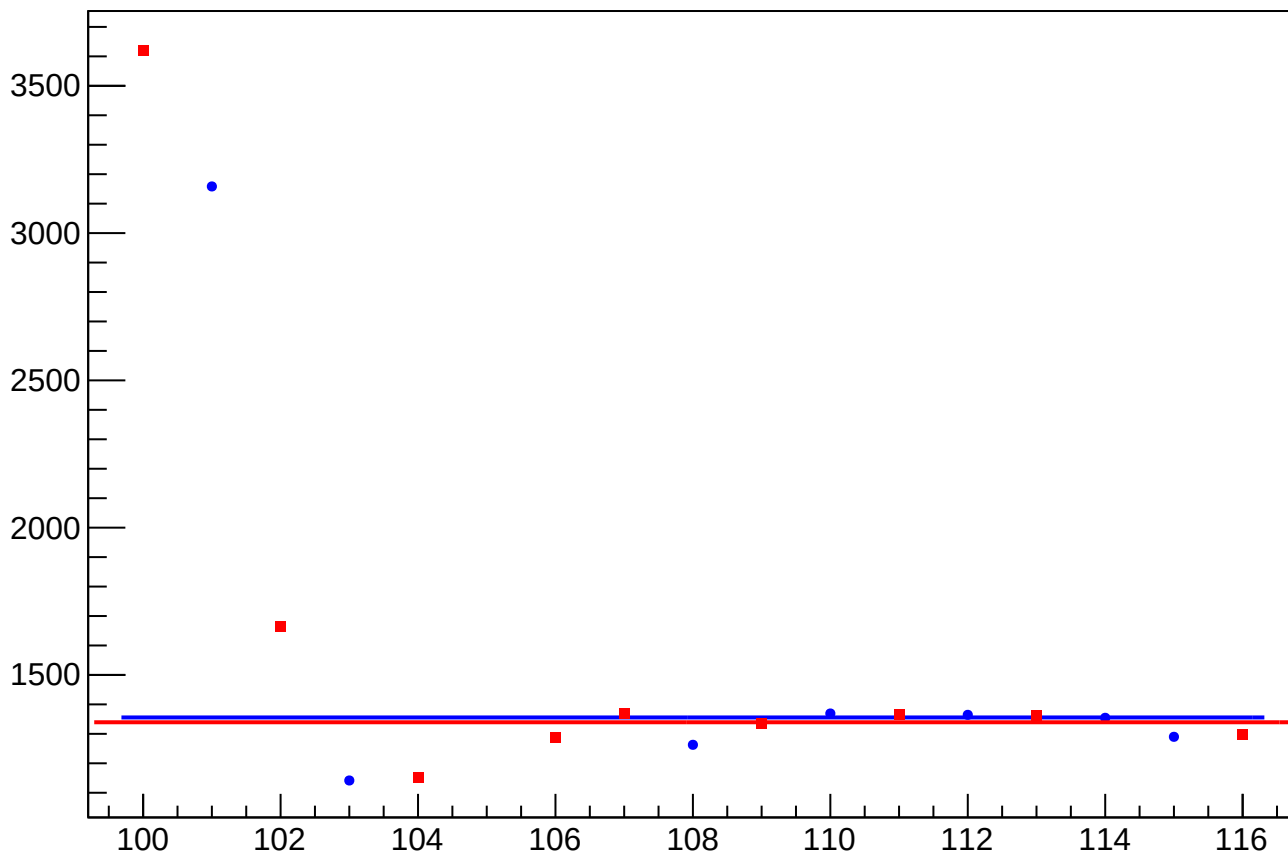
Right: -767.910+/-561.828 χ^2/NDF : 16.9/15

In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.910+/-561.828 χ^2/NDF : 16.9/15

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

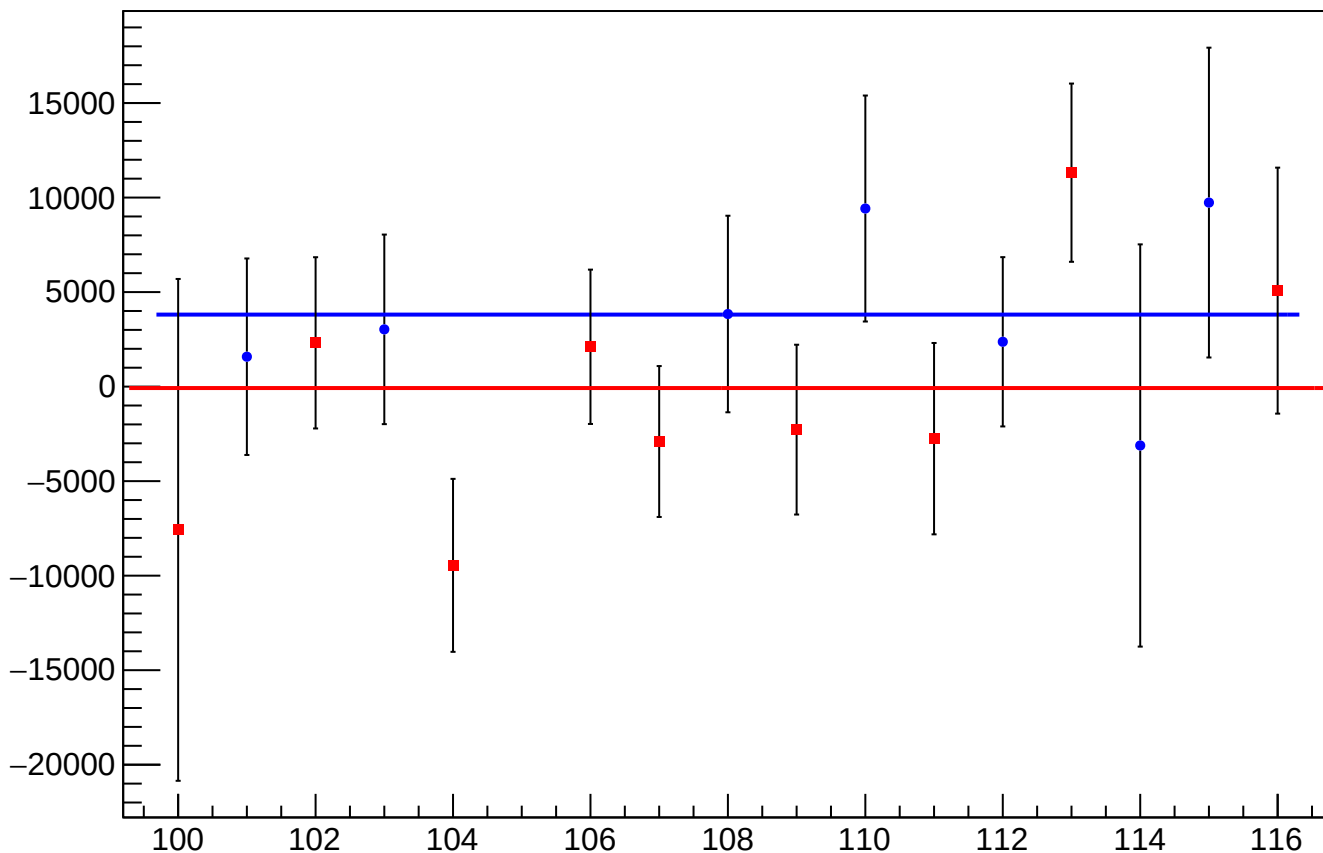
Right: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.811+/-1617.505 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

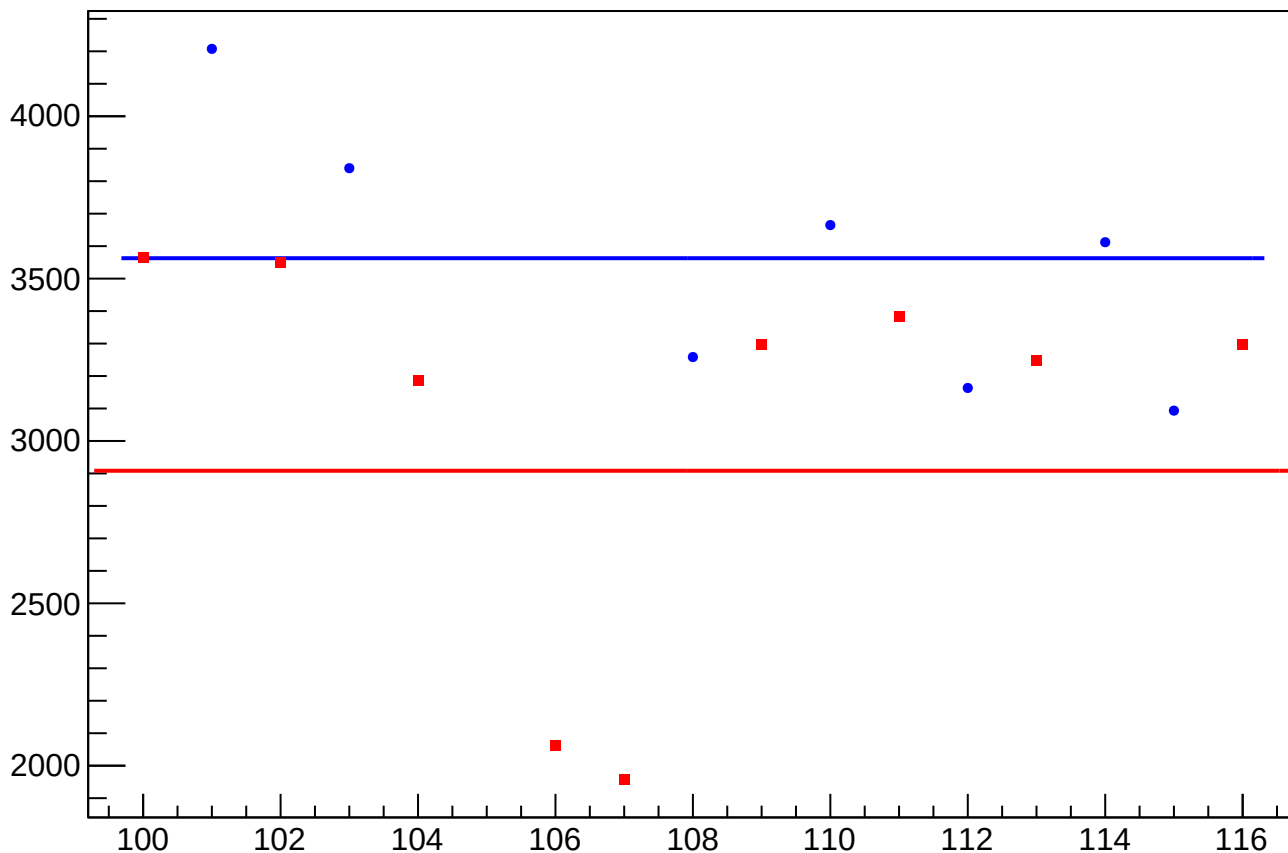
Right: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

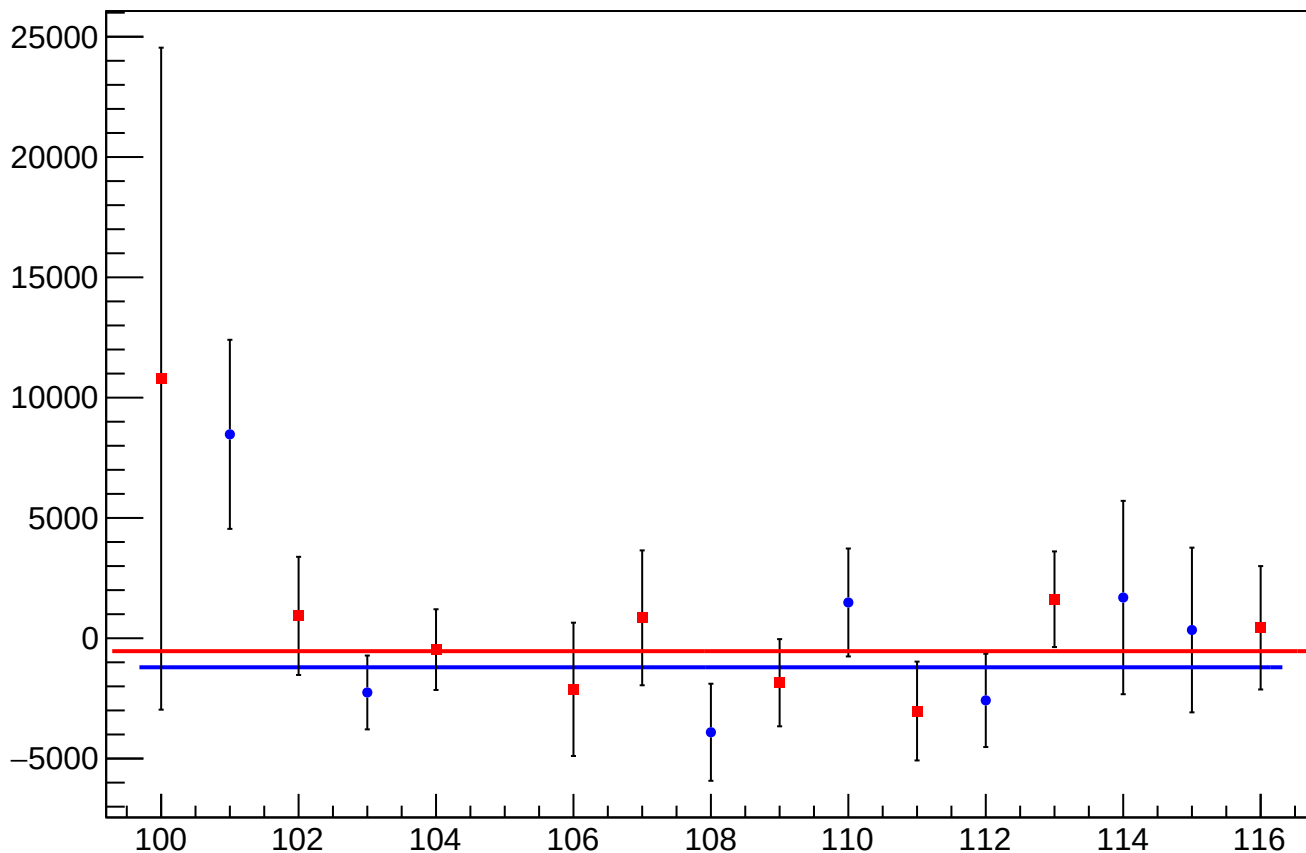
Right: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1206.317+/-861.532 χ^2/NDF : 11.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -536.716+/-760.116 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

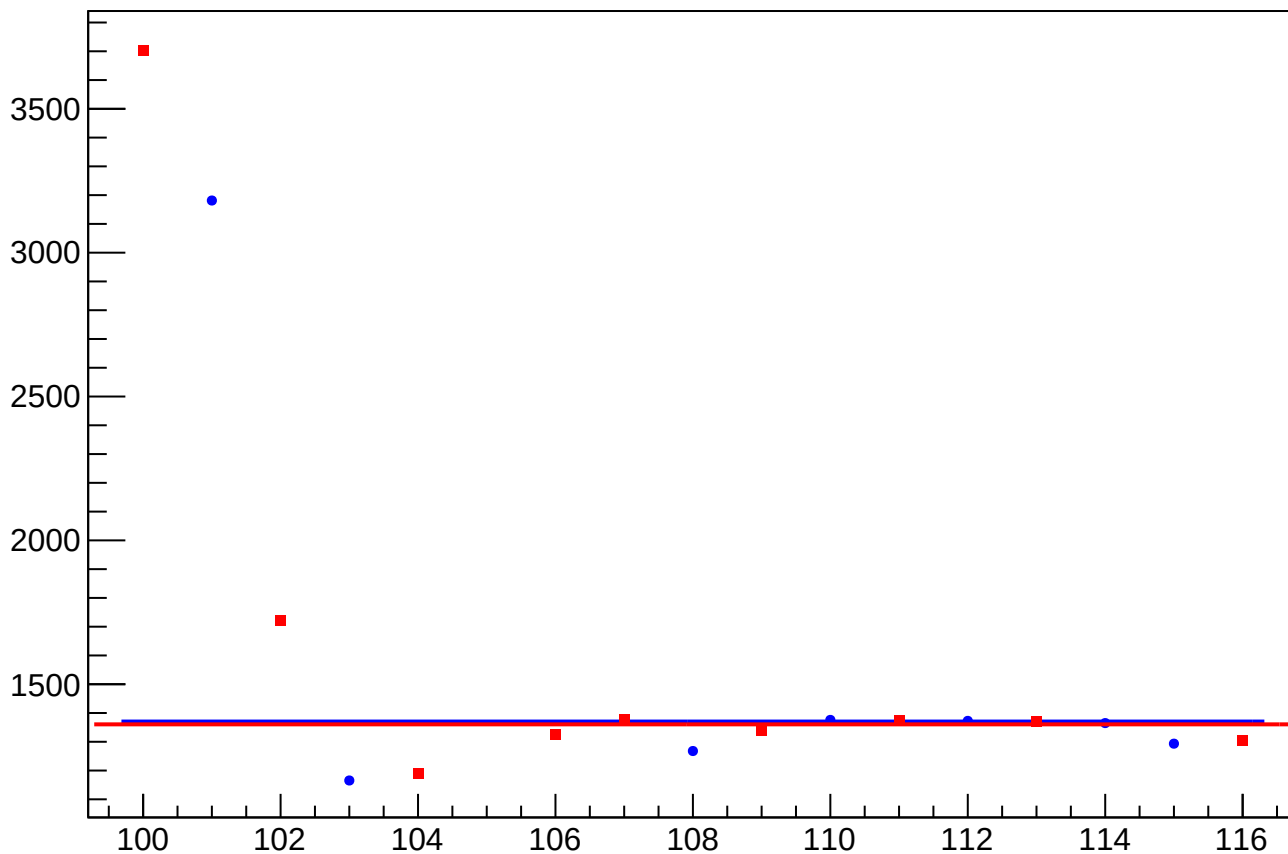
Right: -829.804+/-569.983 χ^2/NDF : 16.3/15

In: -1206.317+/-861.532 χ^2/NDF : 11.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.804+/-569.983 χ^2/NDF : 16.3/15

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

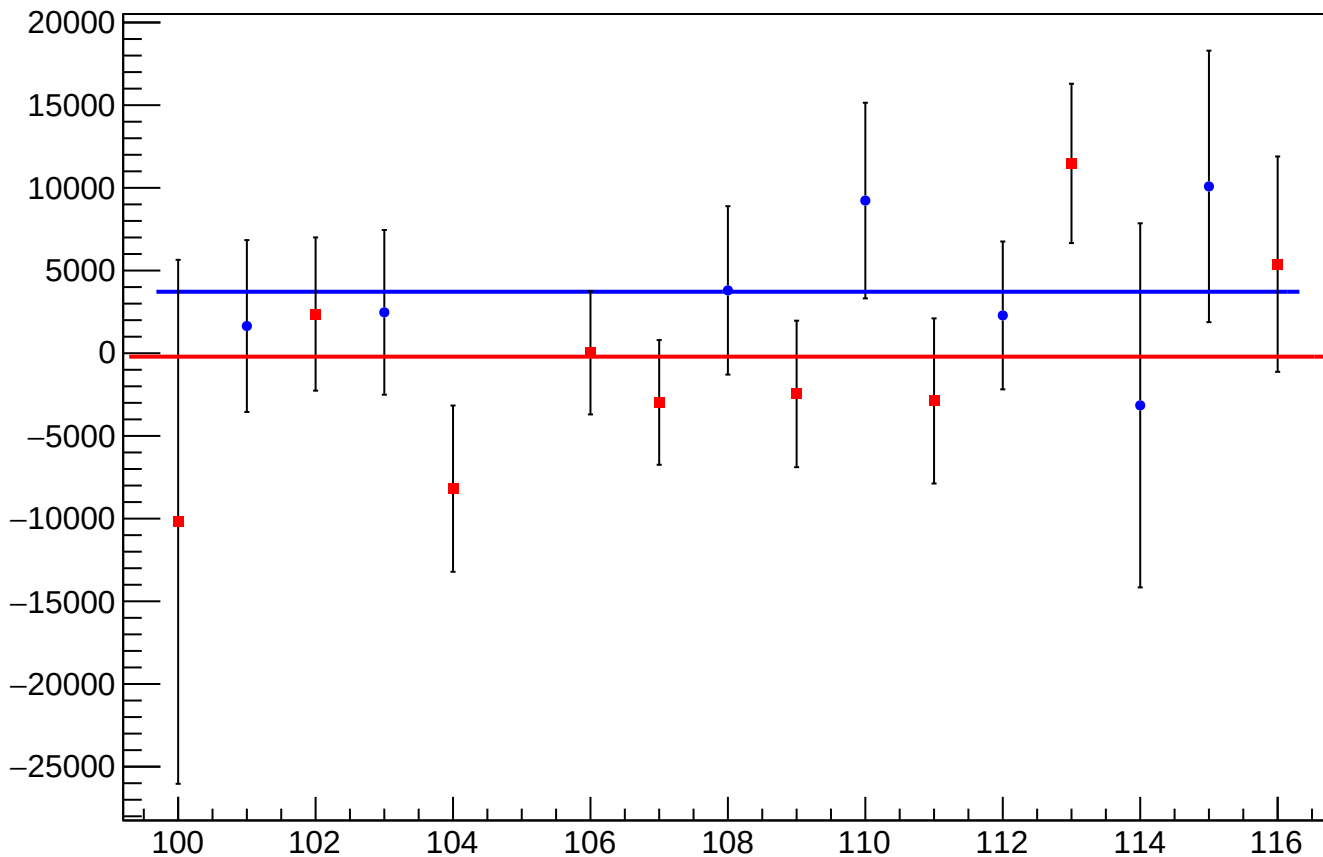
Right: 1364.787+/-0.403 χ^2/NDF : 590421.3/15

In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.787+/-0.403 χ^2/NDF : 590421.3/15

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3718.239+/-2143.568 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.541+/-1600.548 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

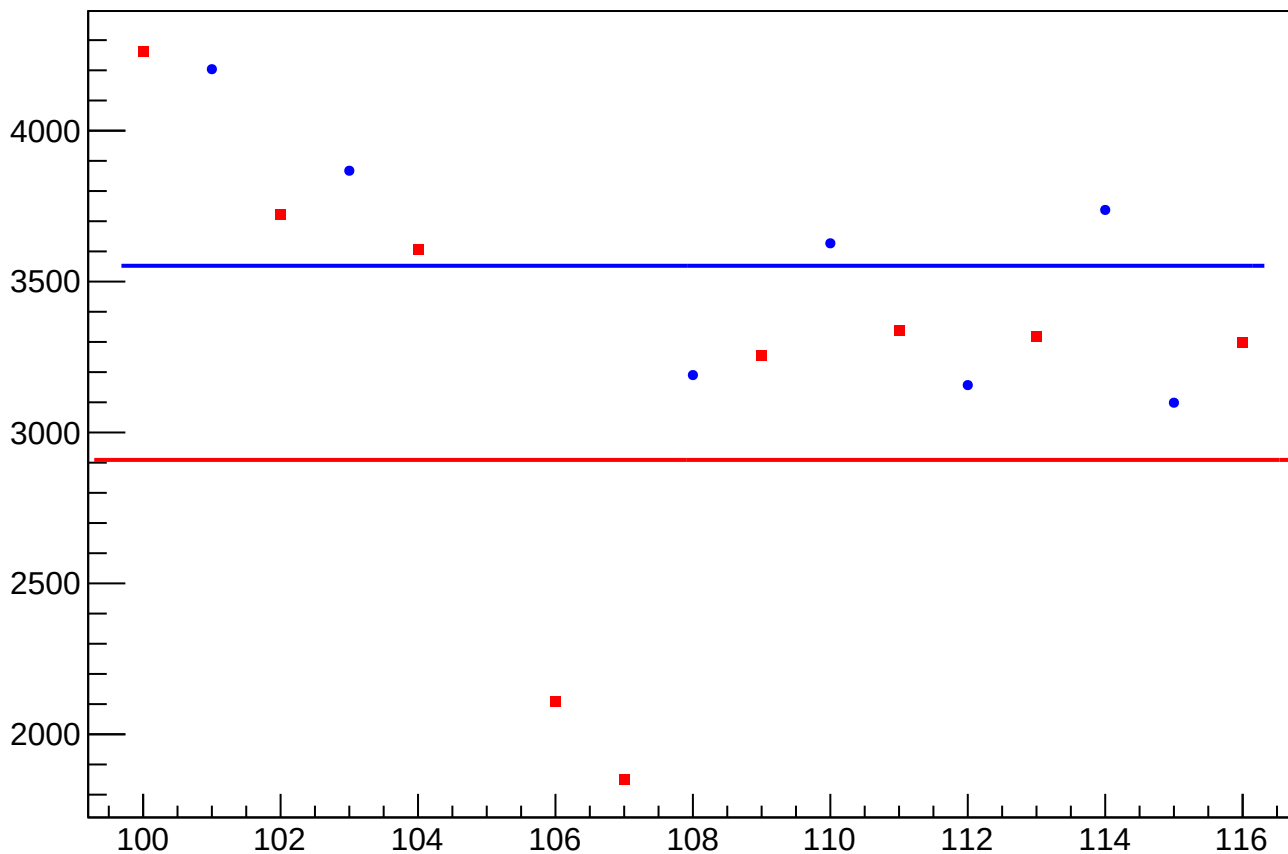
Right: 1197.712+/-1282.483 χ^2/NDF : 15.3/15

In: 3718.239+/-2143.568 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.712+/-1282.483 χ^2/NDF : 15.3/15

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3552.370+/-1.516 χ^2/NDF : 72175.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2909.111+/-1.132 χ^2/NDF : 413923.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

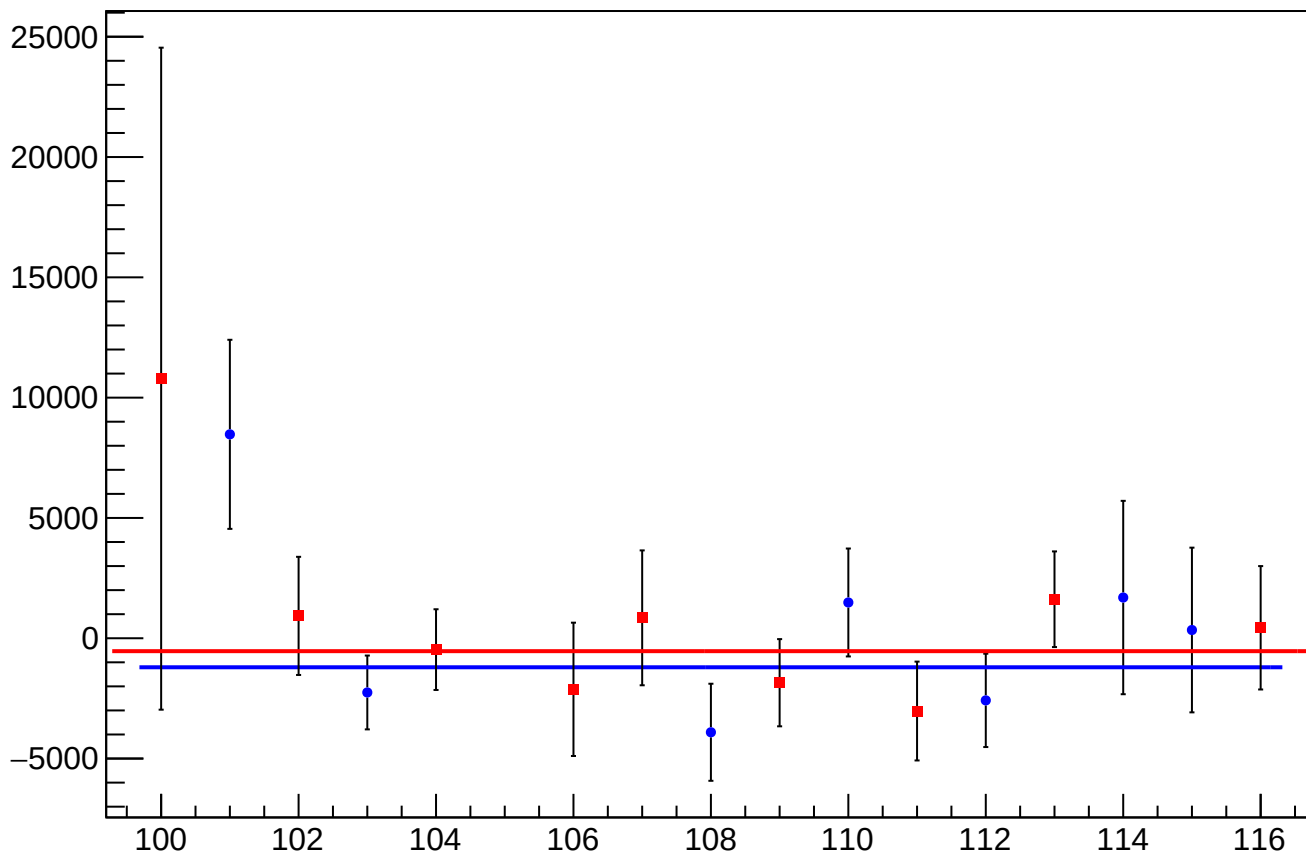
Right: 3139.369+/-0.907 χ^2/NDF : 601734.7/15

In: 3552.370+/-1.516 χ^2/NDF : 72175.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.369+/-0.907 χ^2/NDF : 601734.7/15

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1206.325+/-861.532 χ^2/NDF : 11.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -536.726+/-760.116 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

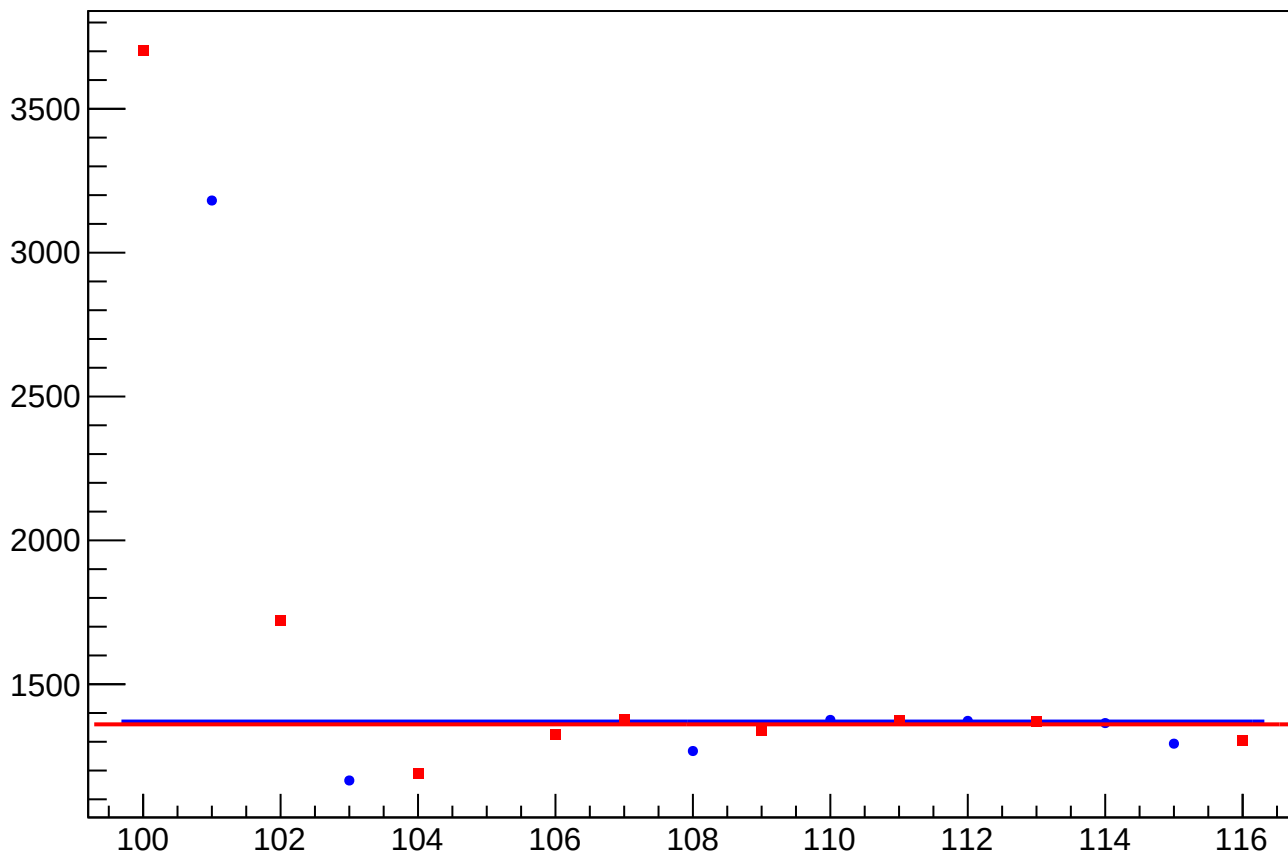
Right: -829.813+/-569.983 χ^2/NDF : 16.3/15

In: -1206.325+/-861.532 χ^2/NDF : 11.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.813+/-569.983 χ^2/NDF : 16.3/15

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

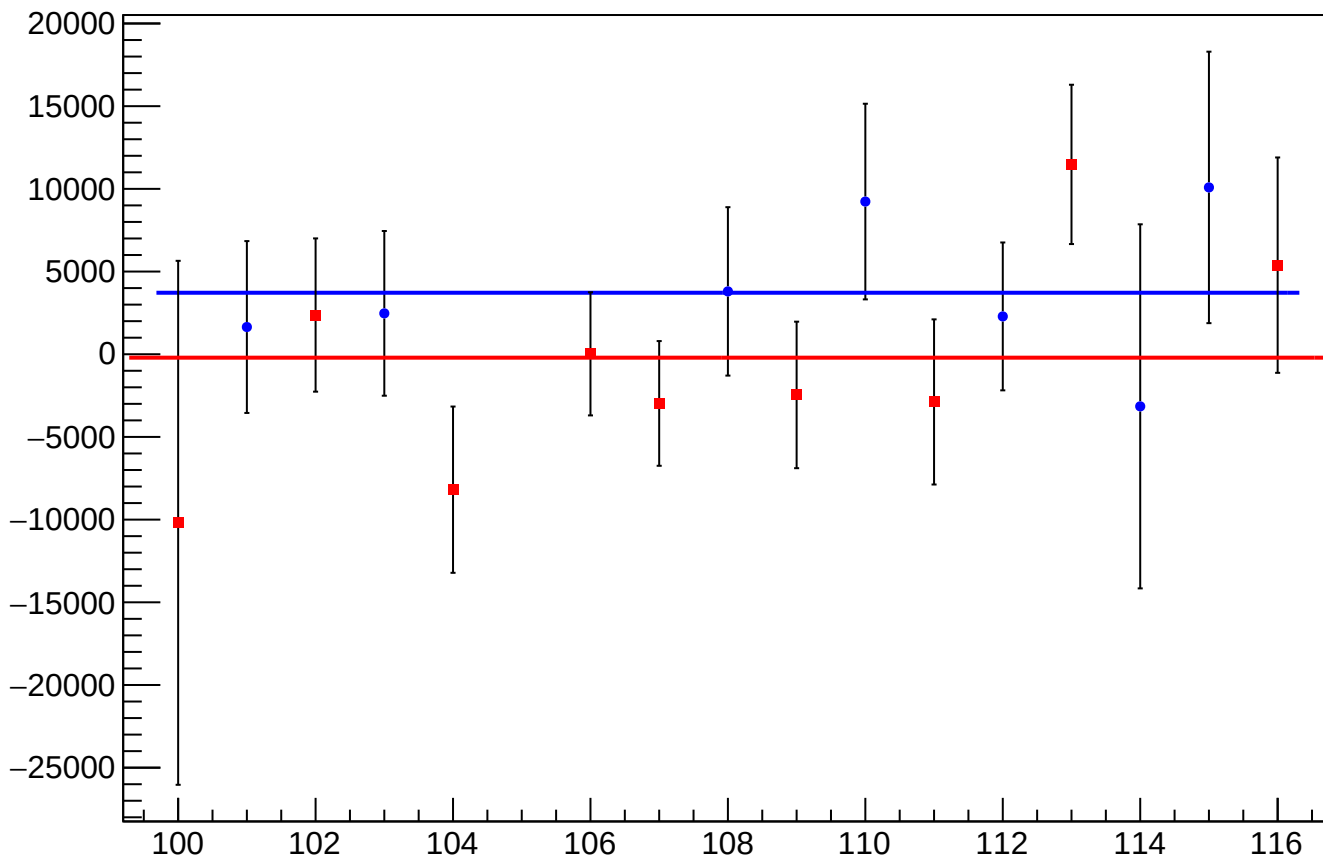
Right: 1364.787+/-0.403 χ^2/NDF : 590421.4/15

In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.787+/-0.403 χ^2/NDF : 590421.4/15

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3718.238+/-2143.564 χ^2 /NDF: 2.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -207.546+/-1600.545 χ^2 /NDF: 10.9/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

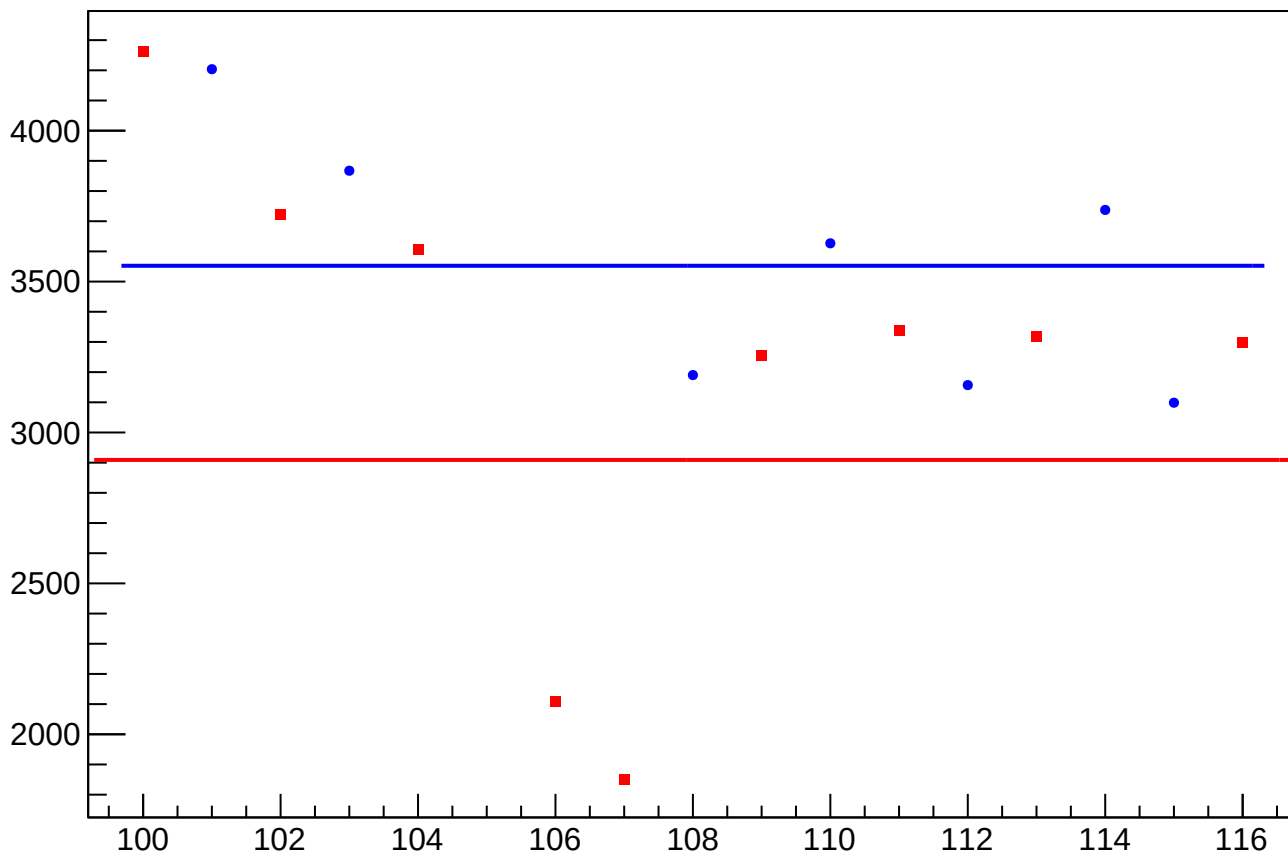
Right: 1197.708+/-1282.480 χ^2 /NDF: 15.3/15

In: 3718.238+/-2143.564 χ^2 /NDF: 2.2/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1197.708+/-1282.480 χ^2 /NDF: 15.3/15

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3552.364+/-1.516 χ^2/NDF : 72176.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2909.105+/-1.132 χ^2/NDF : 413925.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

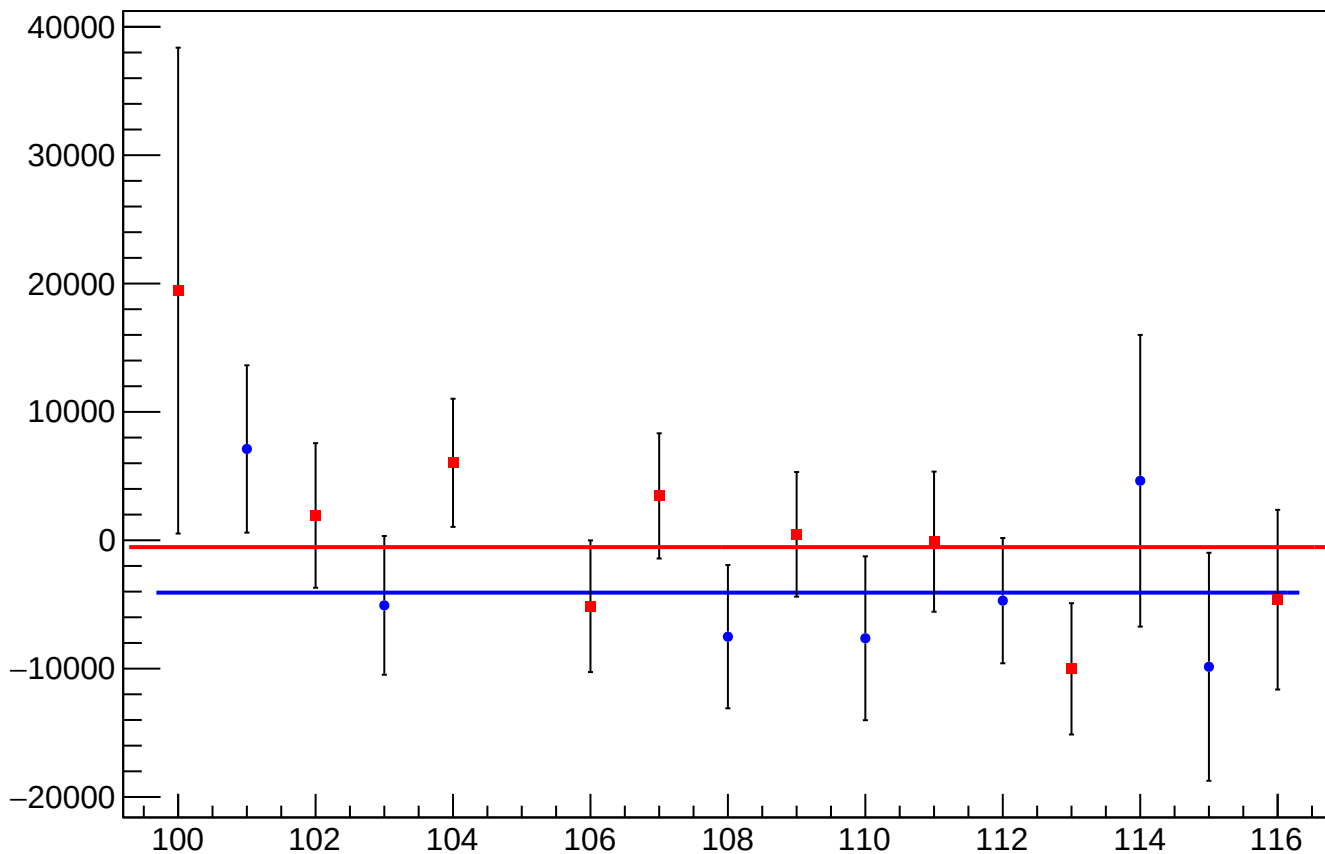
Right: 3139.363+/-0.907 χ^2/NDF : 601738.6/15

In: 3552.364+/-1.516 χ^2/NDF : 72176.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.363+/-0.907 χ^2/NDF : 601738.6/15

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -4079.672+/-2377.897 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -533.002+/-1859.879 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

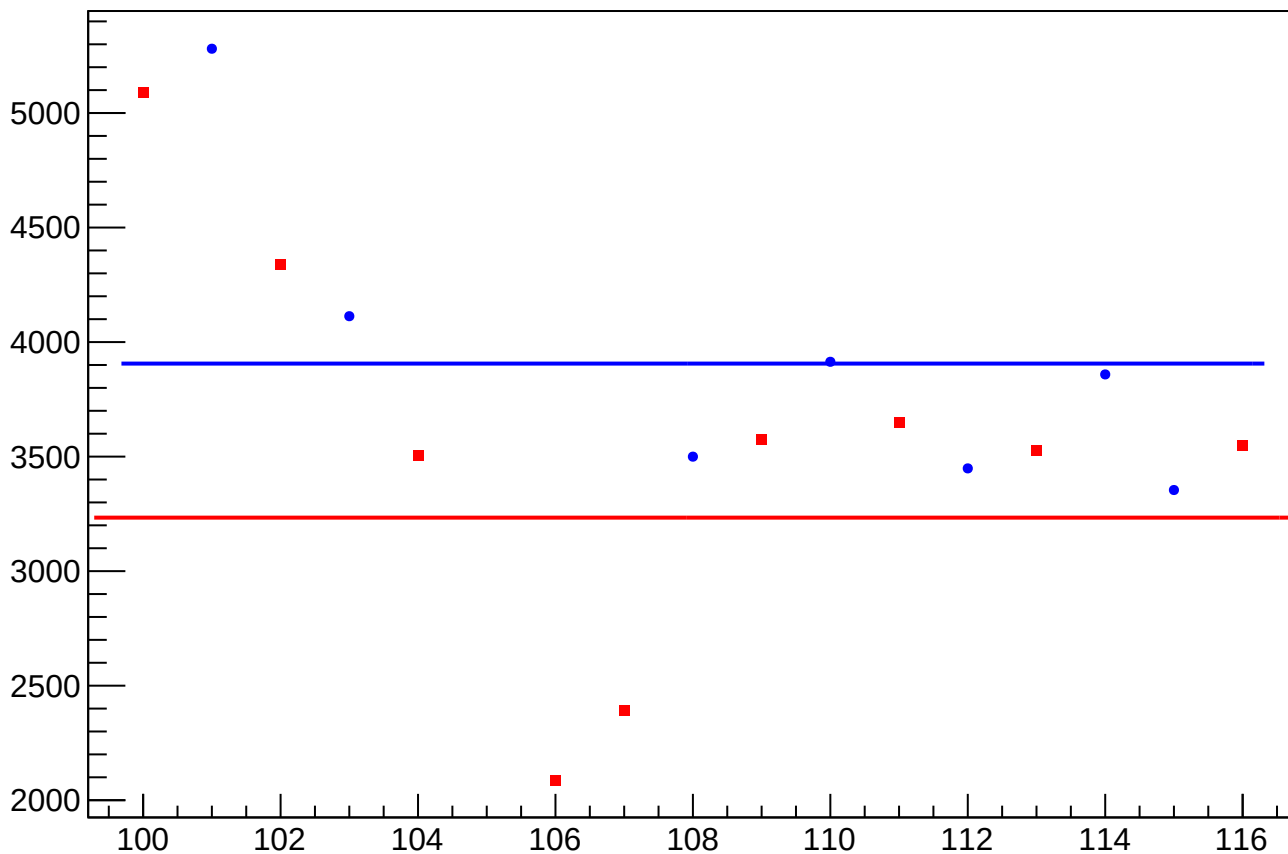
Right: -1879.181+/-1464.988 χ^2/NDF : 14.4/15

In: -4079.672+/-2377.897 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1879.181+/-1464.988 χ^2/NDF : 14.4/15

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3906.115+/-1.681 χ^2/NDF : 127826.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3233.605+/-1.281 χ^2/NDF : 334027.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

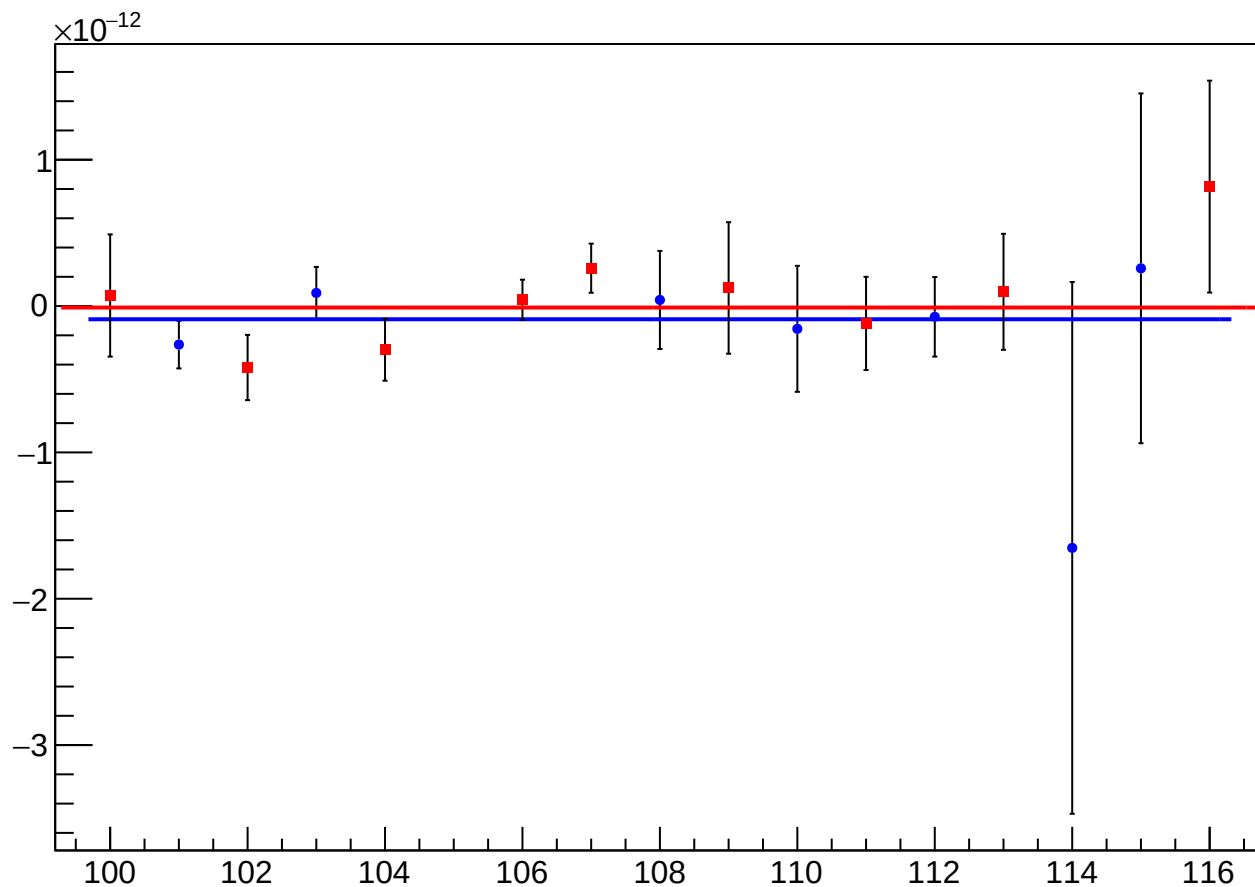
Right: 3480.606+/-1.019 χ^2/NDF : 563075.4/15

In: 3906.115+/-1.681 χ^2/NDF : 127826.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3480.606+/-1.019 χ^2/NDF : 563075.4/15

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

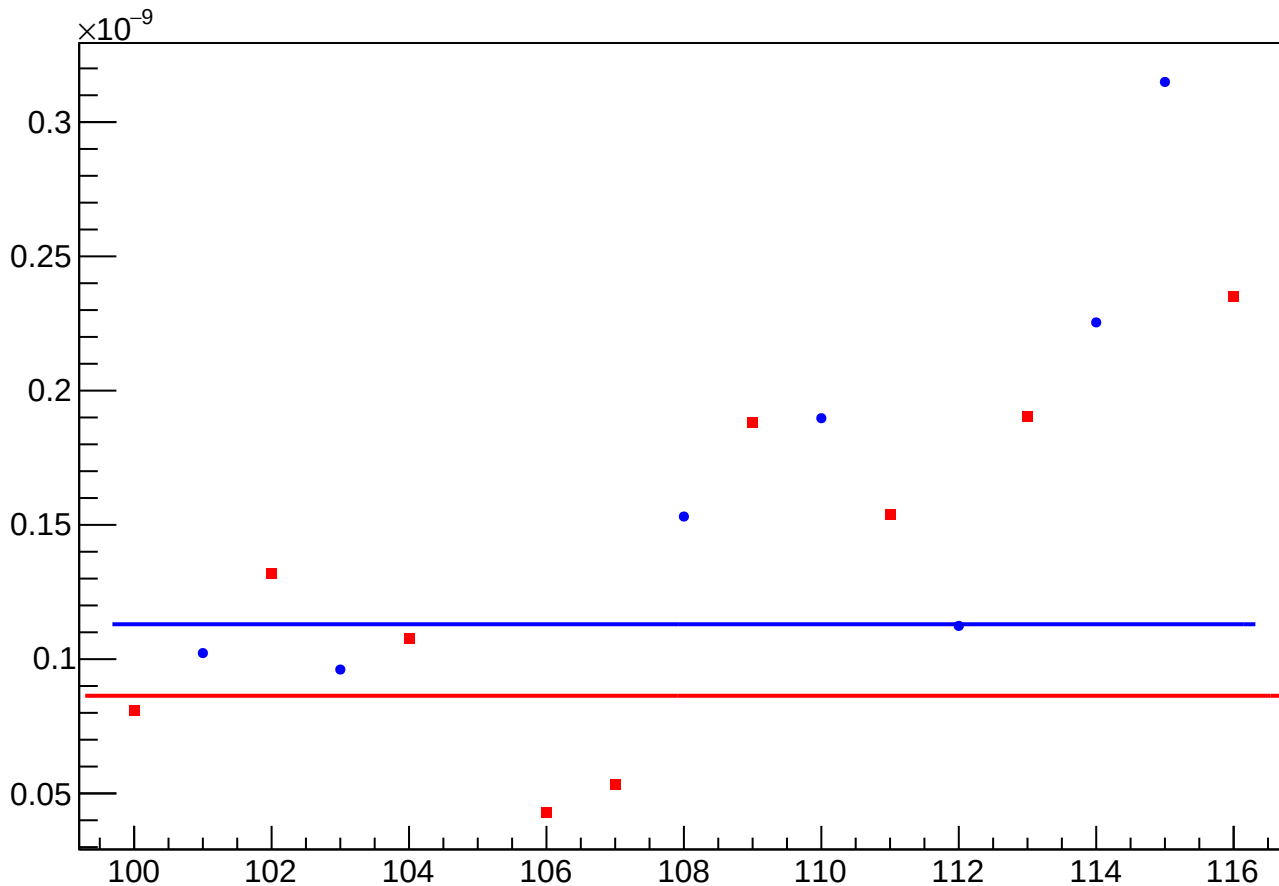
Right: -0.000+/-0.000 χ^2/NDF : 13.1/15

In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/15

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 183685.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 795761.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

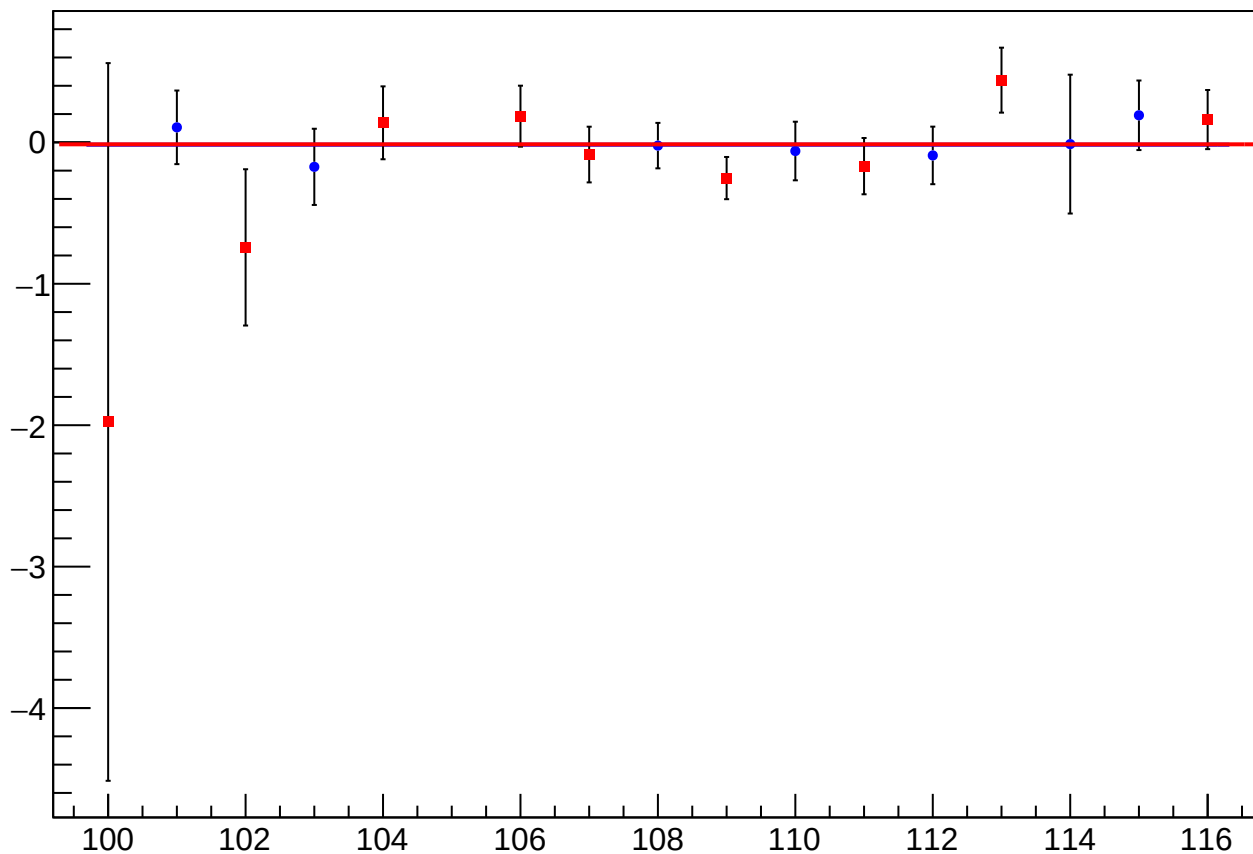
Right: 0.000+/-0.000 χ^2/NDF : 1065735.8/15

In: 0.000+/-0.000 χ^2/NDF : 183685.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1065735.8/15

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

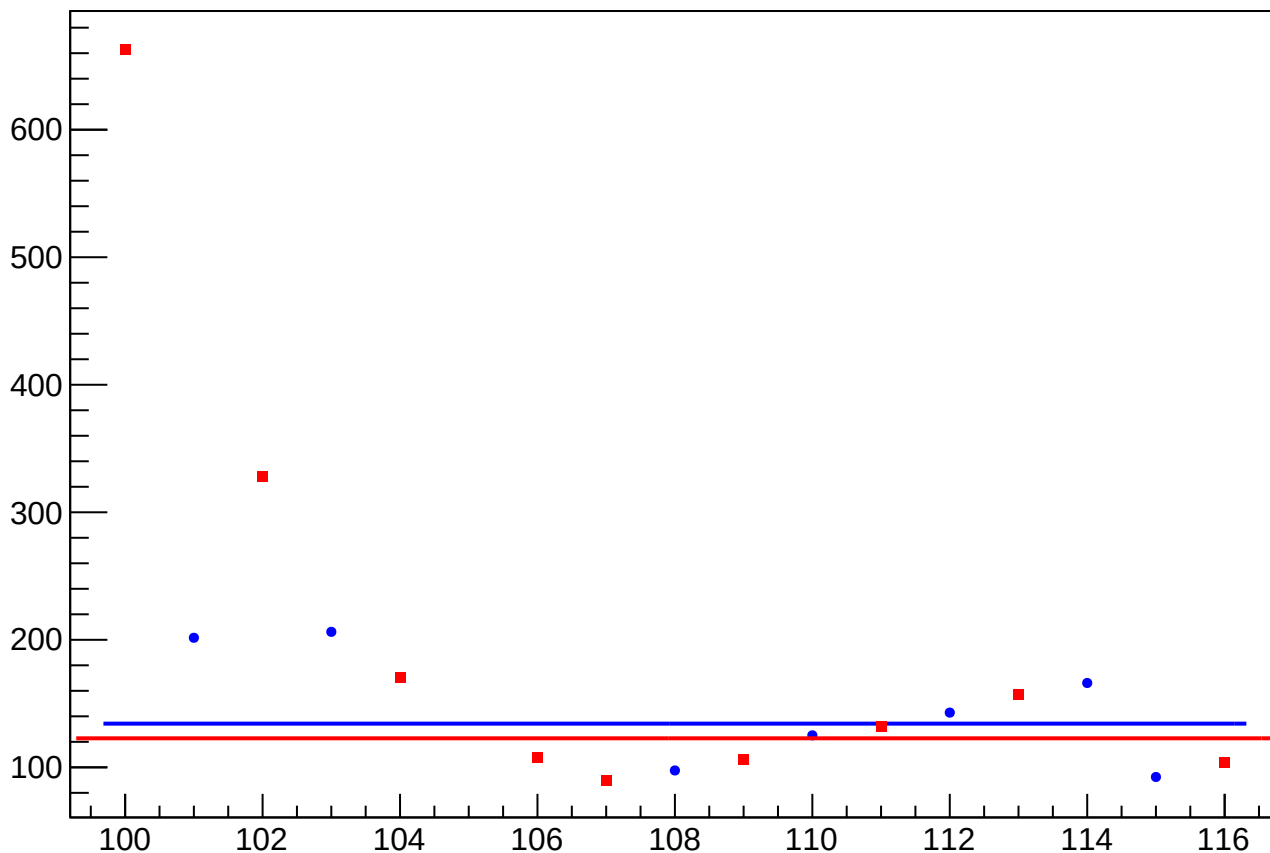
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.761+/-0.053 χ^2/NDF : 591884.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

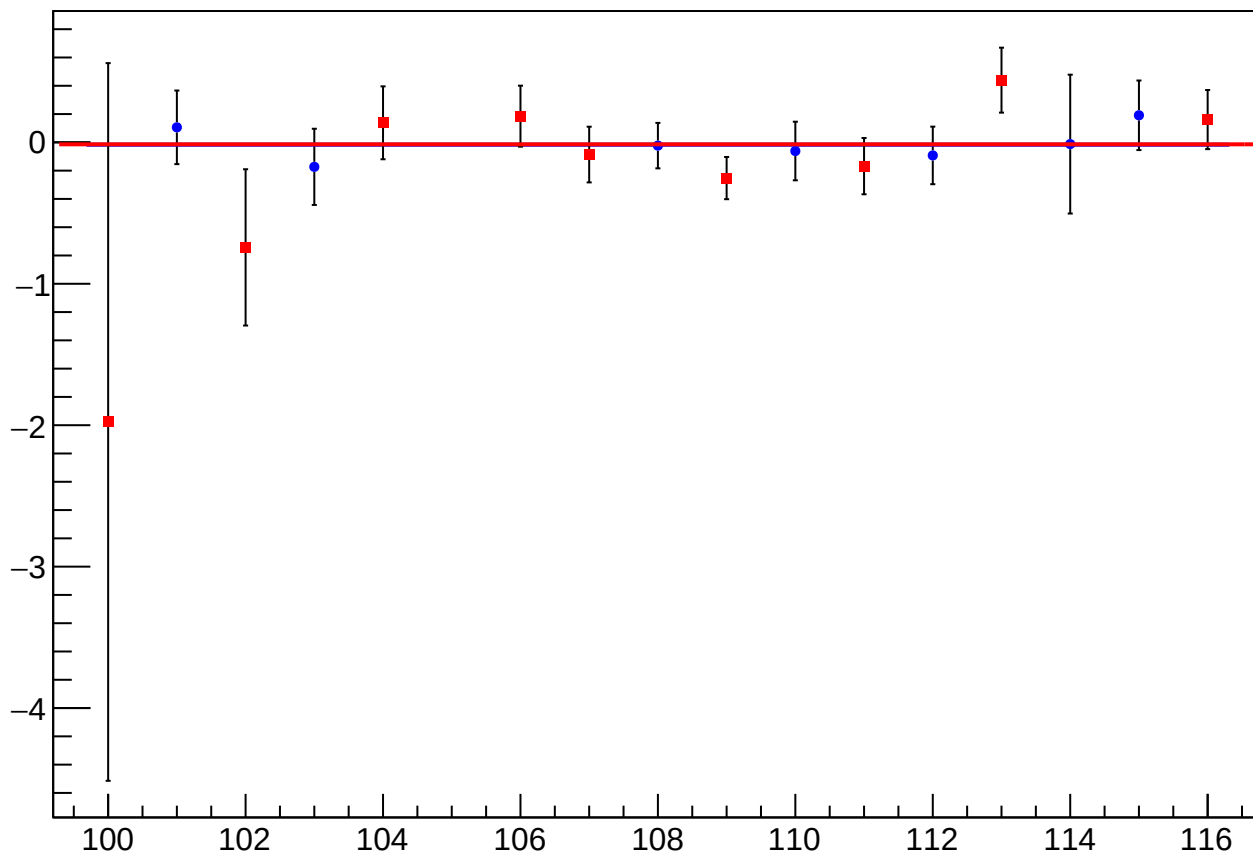
Right: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

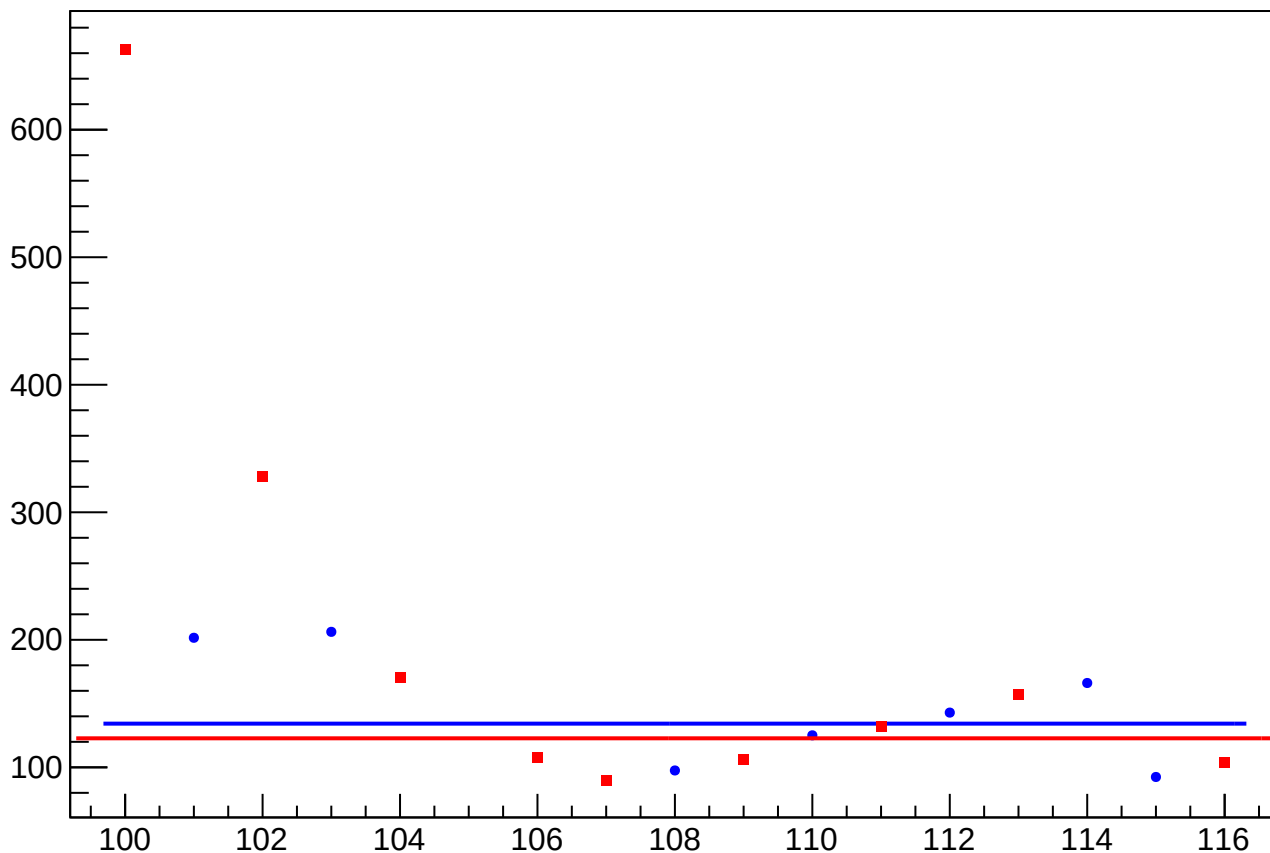
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.761+/-0.053 χ^2/NDF : 591884.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

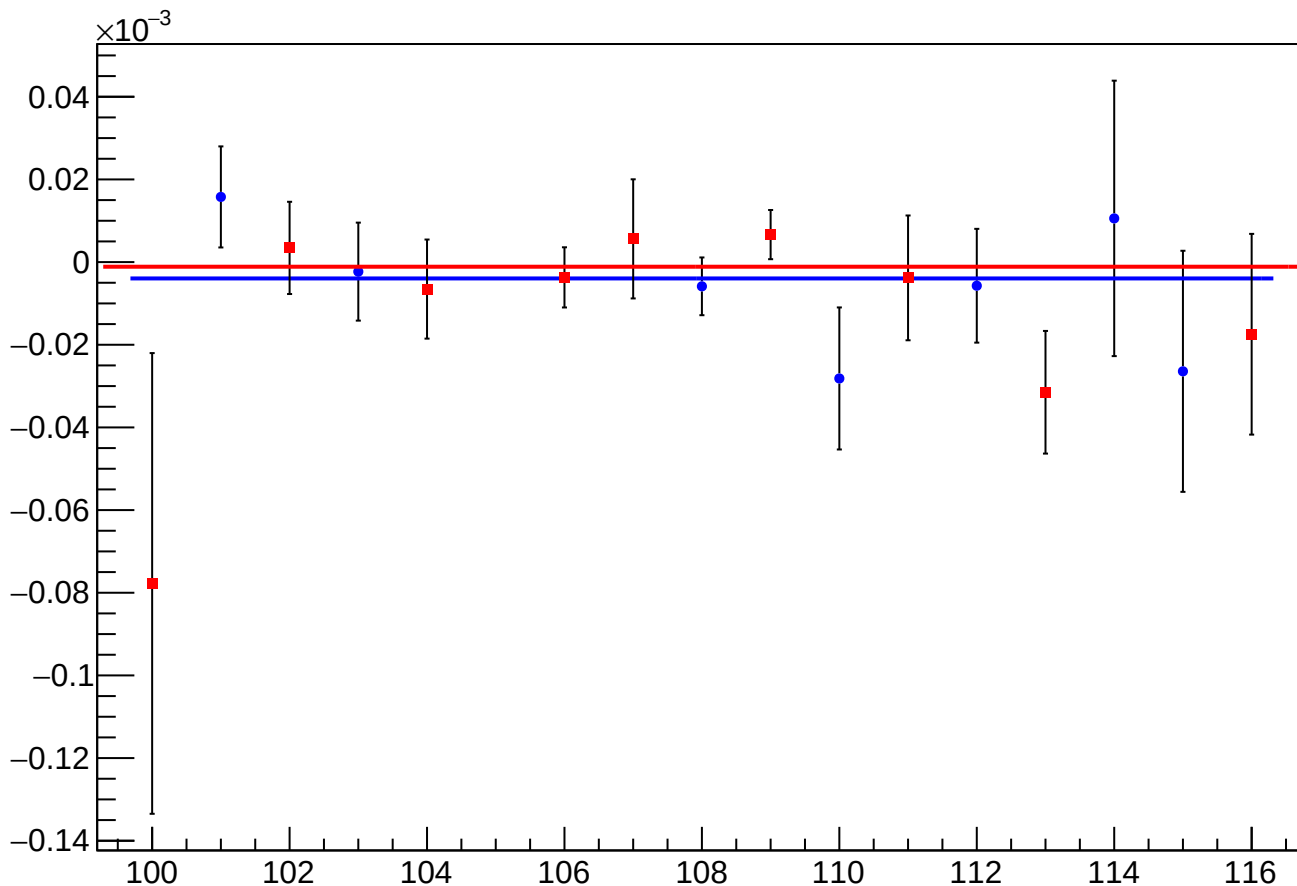
Right: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

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: 5.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

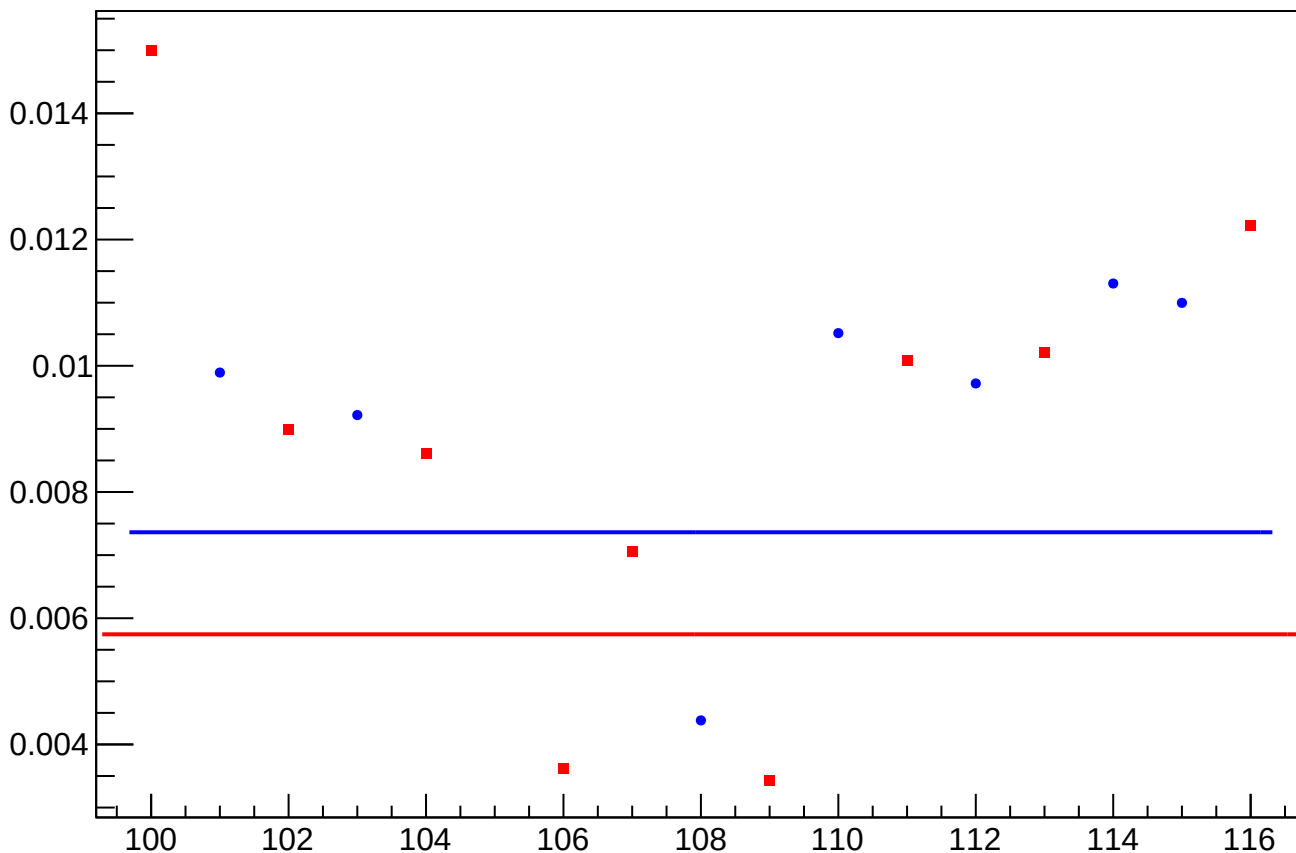
Right: -0.000+/-0.000 χ^2 /NDF: 14.7/15

In: -0.000+/-0.000 χ^2 /NDF:5.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.7/15

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 : 684315.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1318996.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

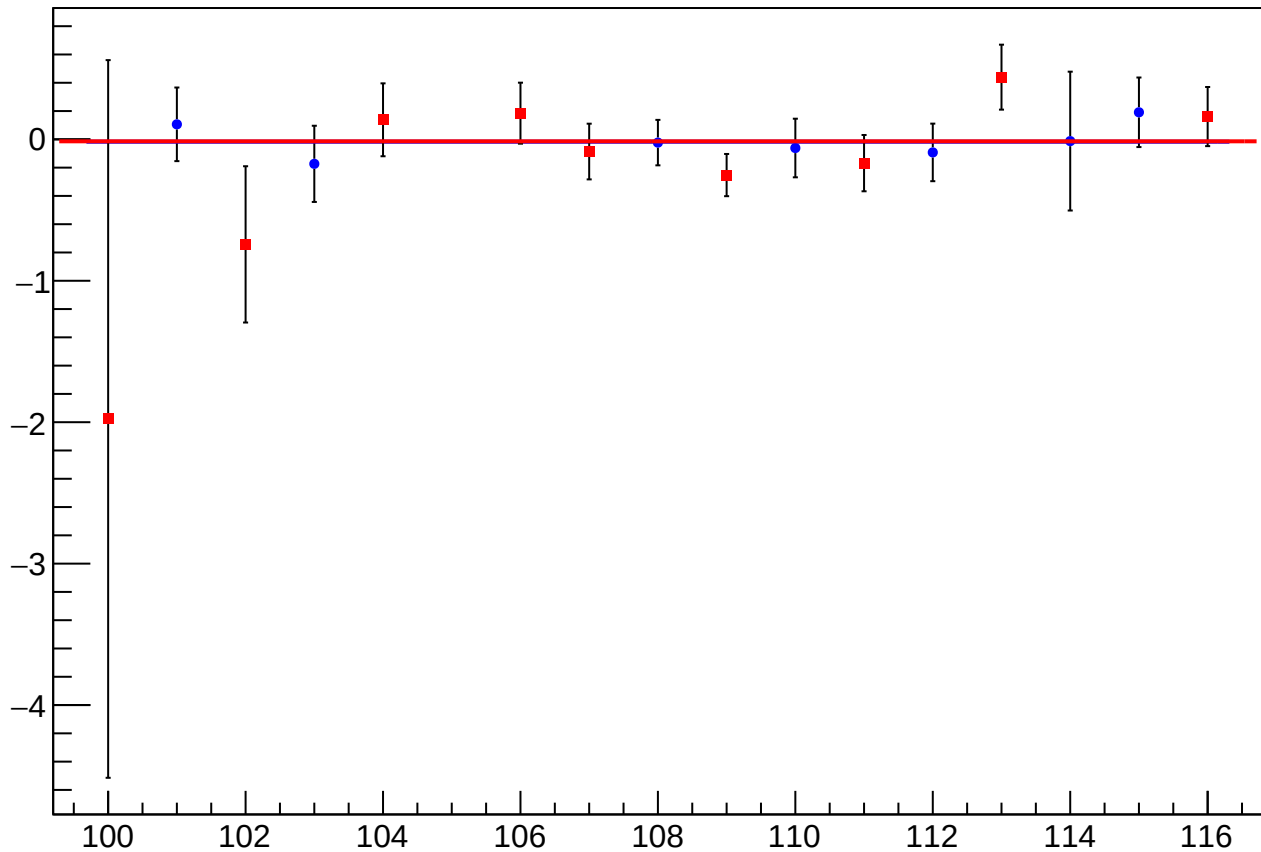
Right: 0.006+/-0.000 χ^2/NDF : 2152541.0/15

In: 0.007+/-0.000 χ^2/NDF : 684315.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2152541.0/15

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

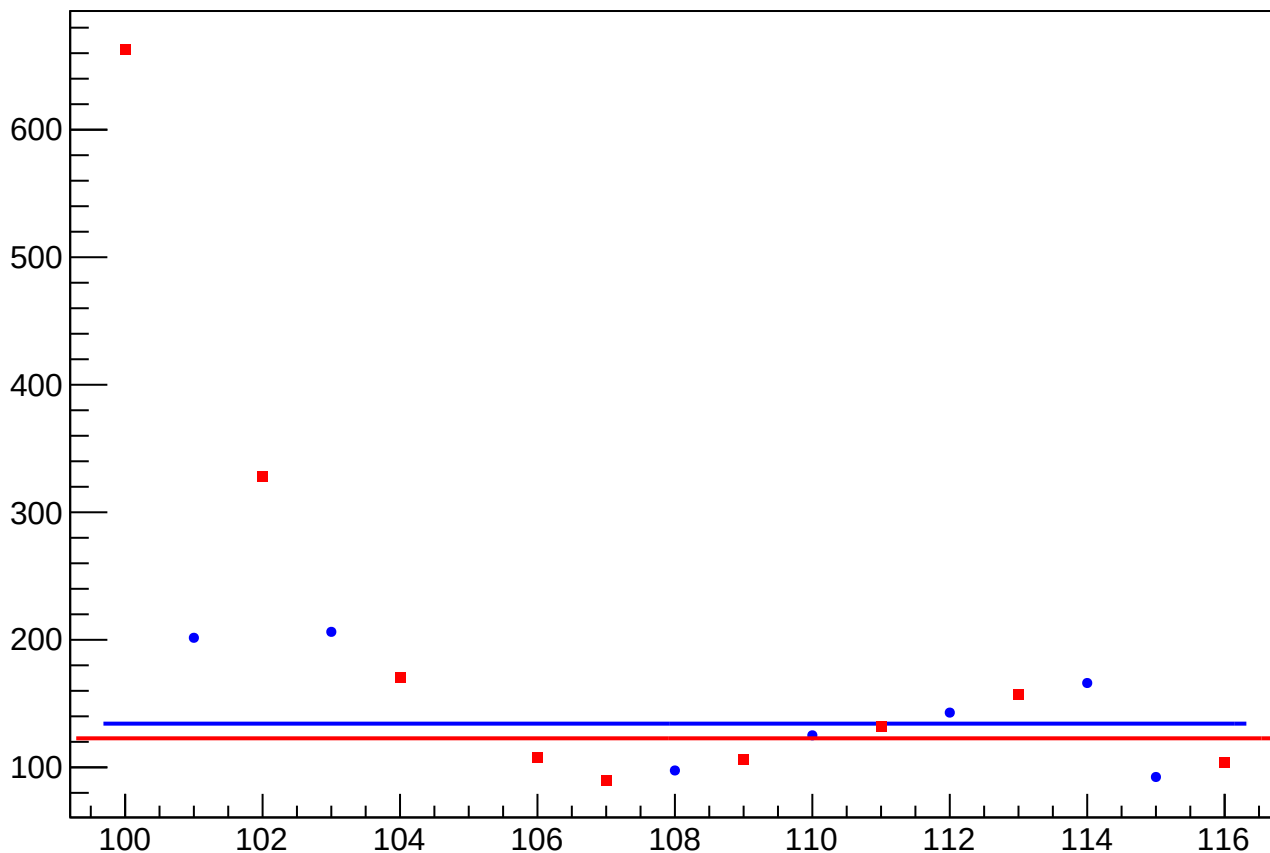
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.763+/-0.053 χ^2/NDF : 591838.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

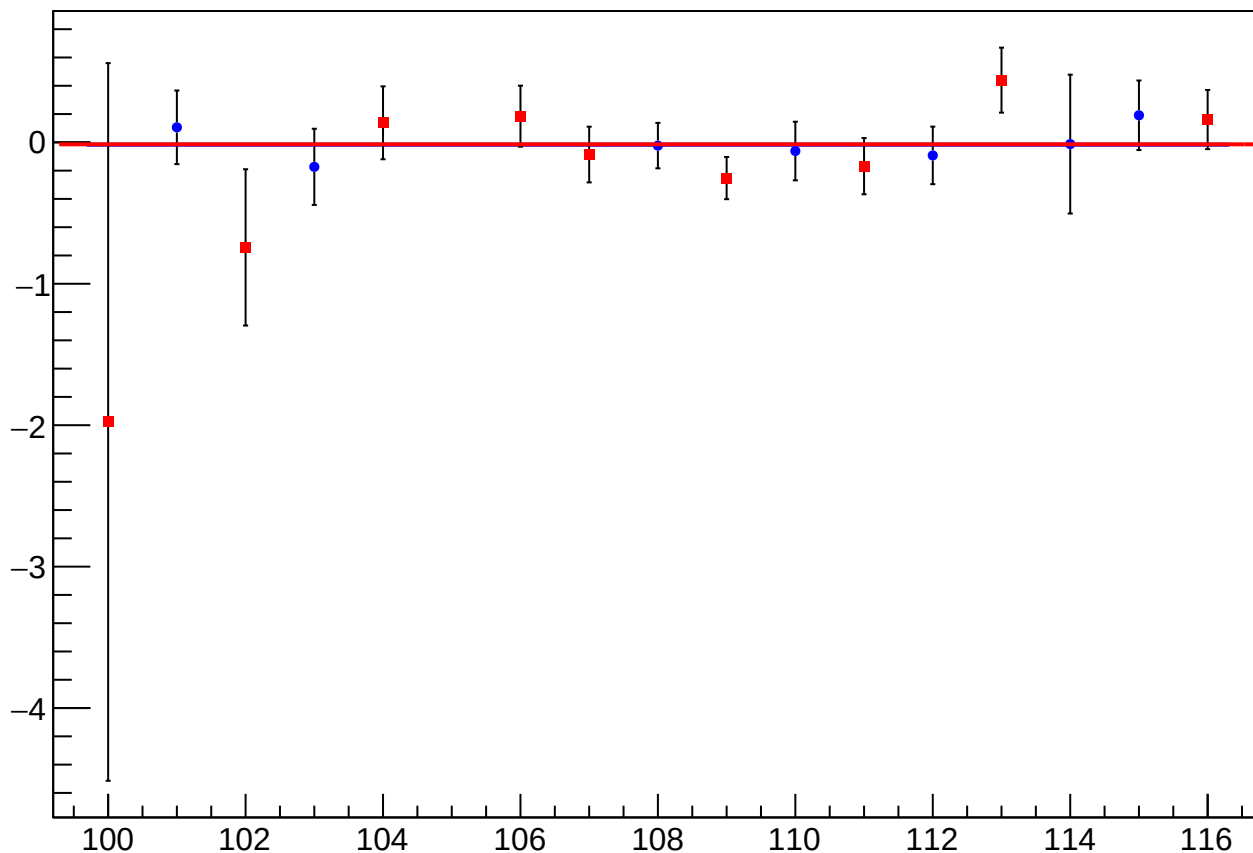
Right: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

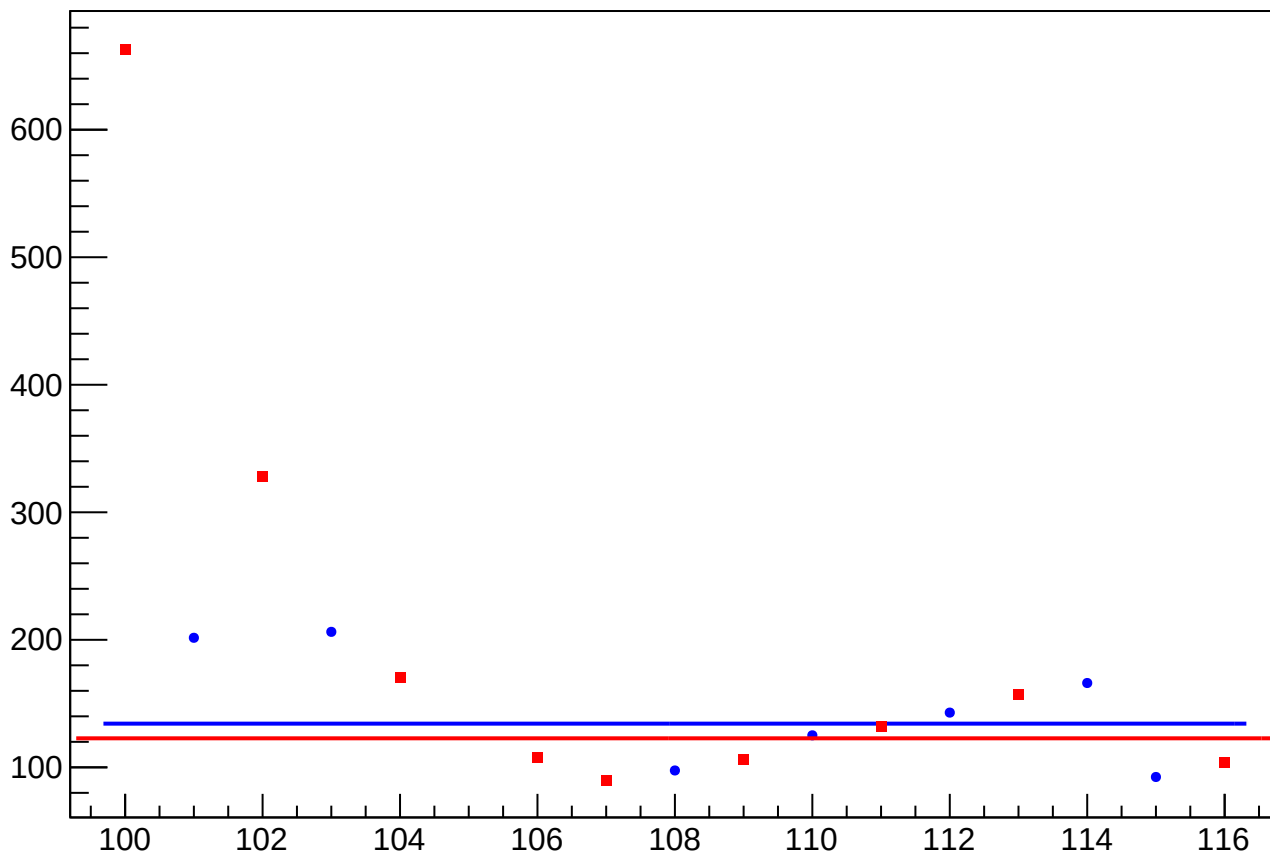
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.763+/-0.053 χ^2/NDF : 591838.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

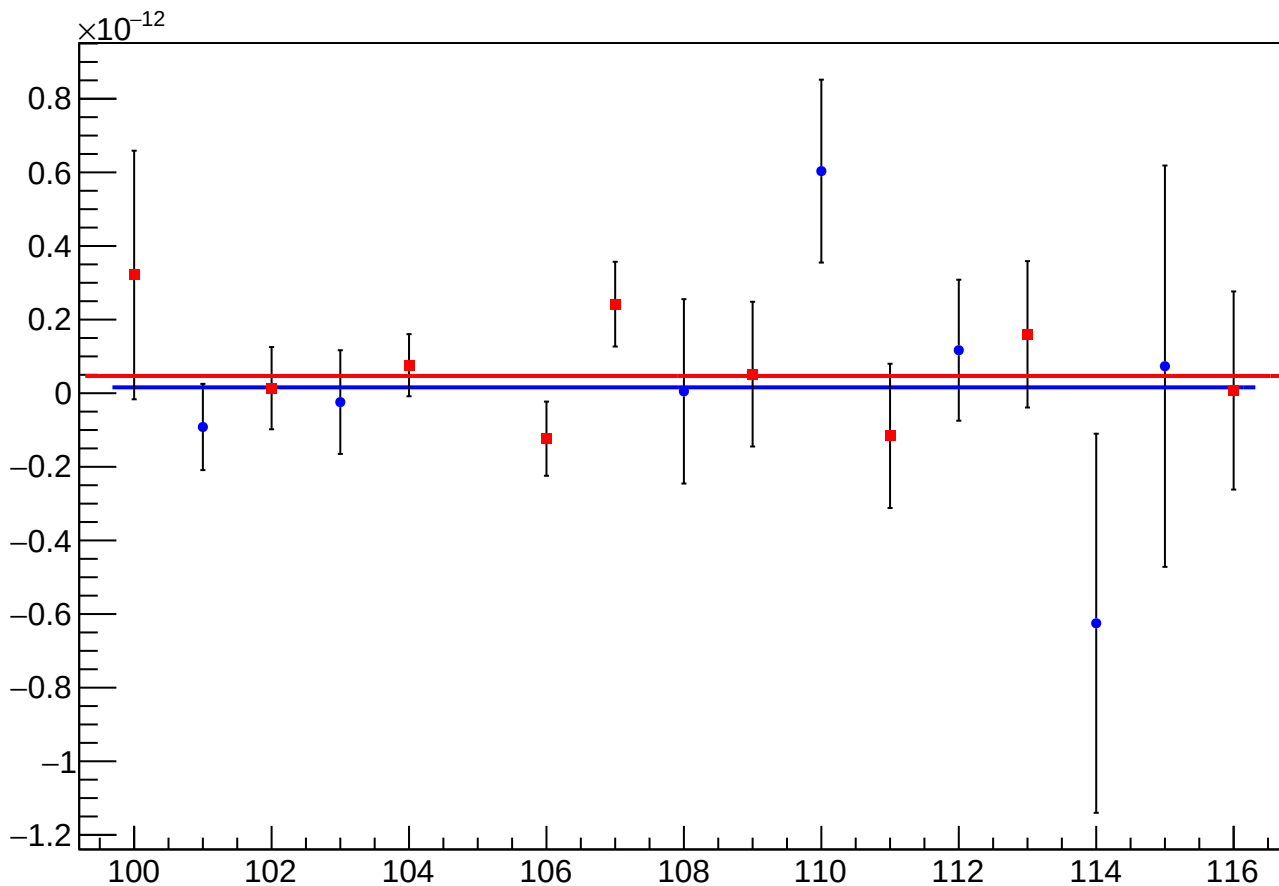
Right: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

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 : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

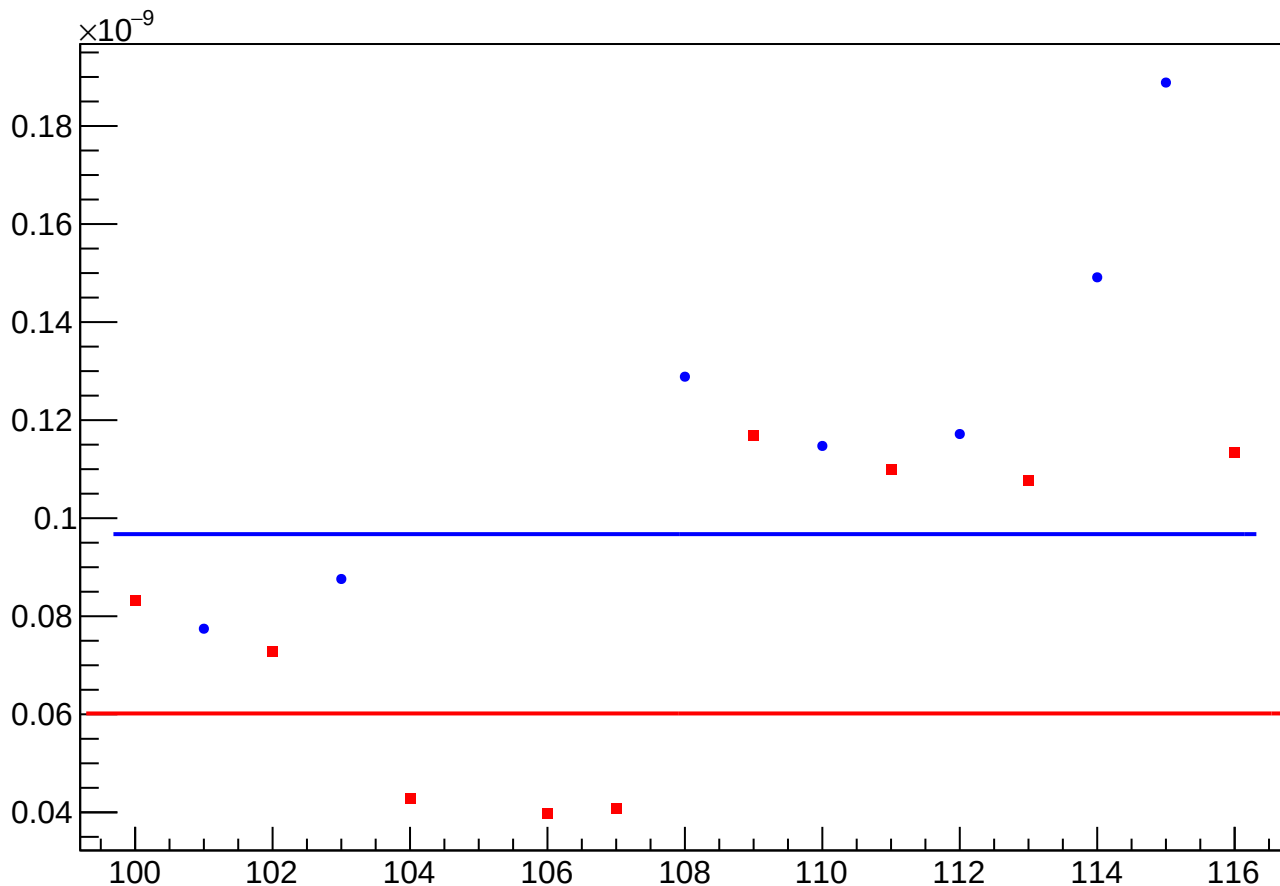
Right: 0.000+/-0.000 χ^2/NDF : 16.1/15

In: 0.000+/-0.000 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/15

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 : 206570.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745869.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

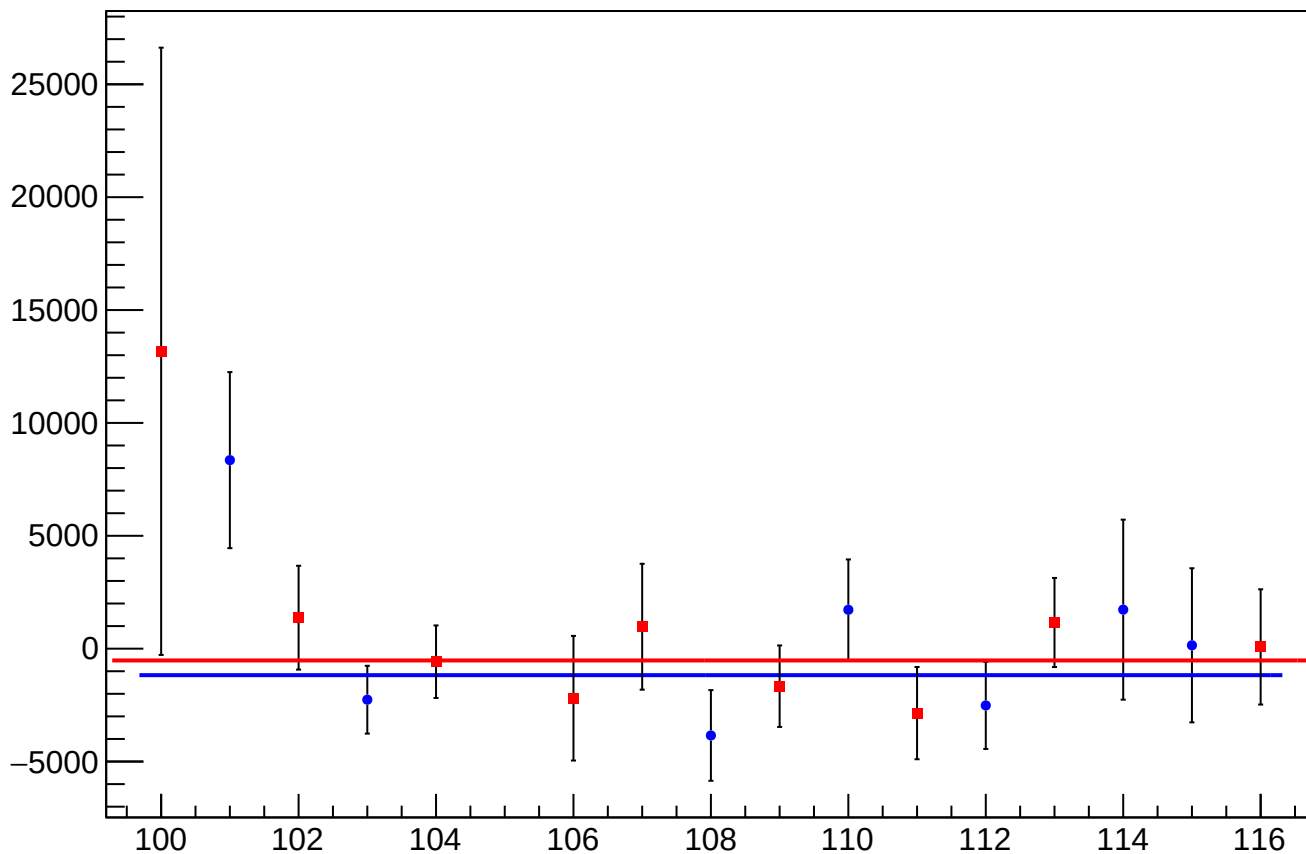
Right: 0.000+/-0.000 χ^2/NDF : 1319441.0/15

In: 0.000+/-0.000 χ^2/NDF : 206570.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319441.0/15

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1173.873+/-852.702 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.385+/-745.706 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

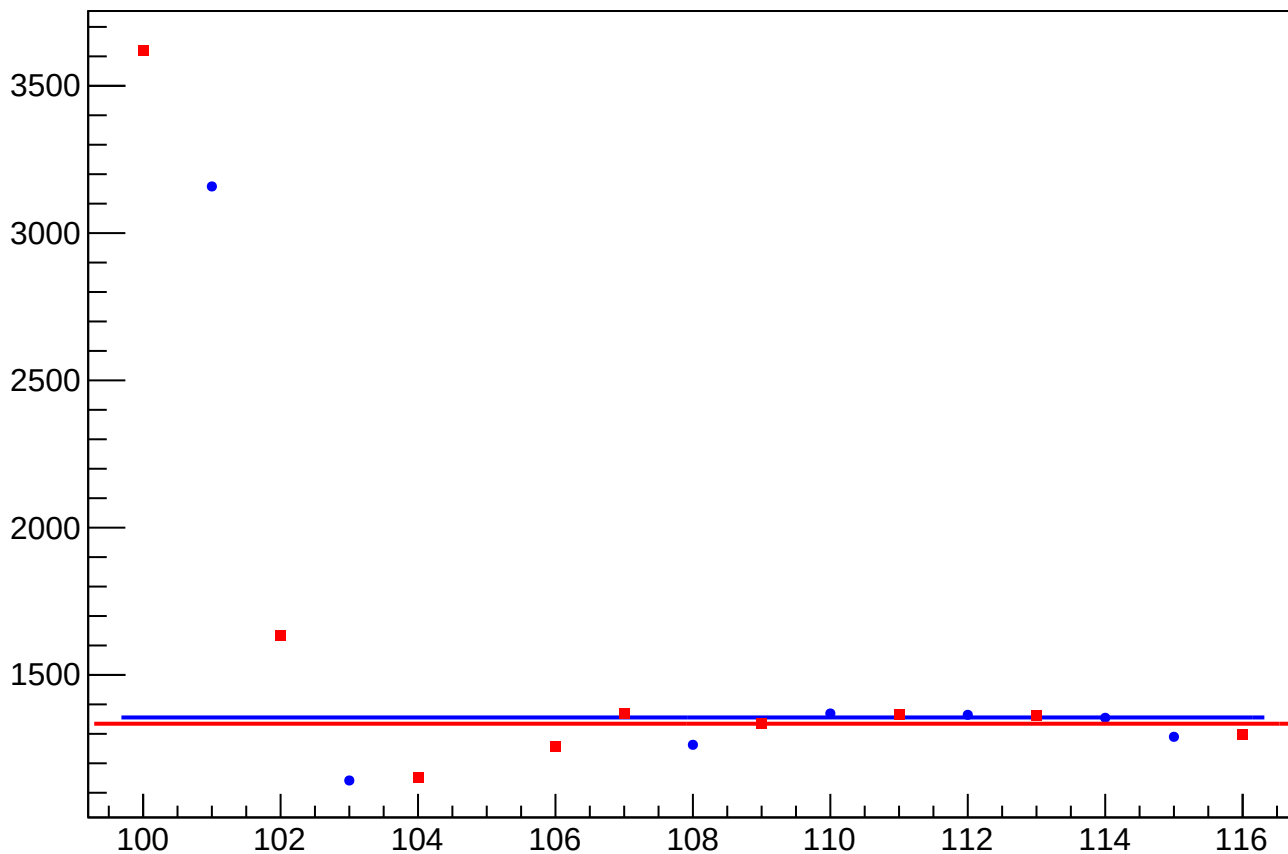
Right: -804.713+/-561.334 χ^2/NDF : 16.3/15

In: -1173.873+/-852.702 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -804.713+/-561.334 χ^2/NDF : 16.3/15

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1355.656+/-0.603 χ^2/NDF : 473048.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.347+/-0.524 χ^2/NDF : 121241.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

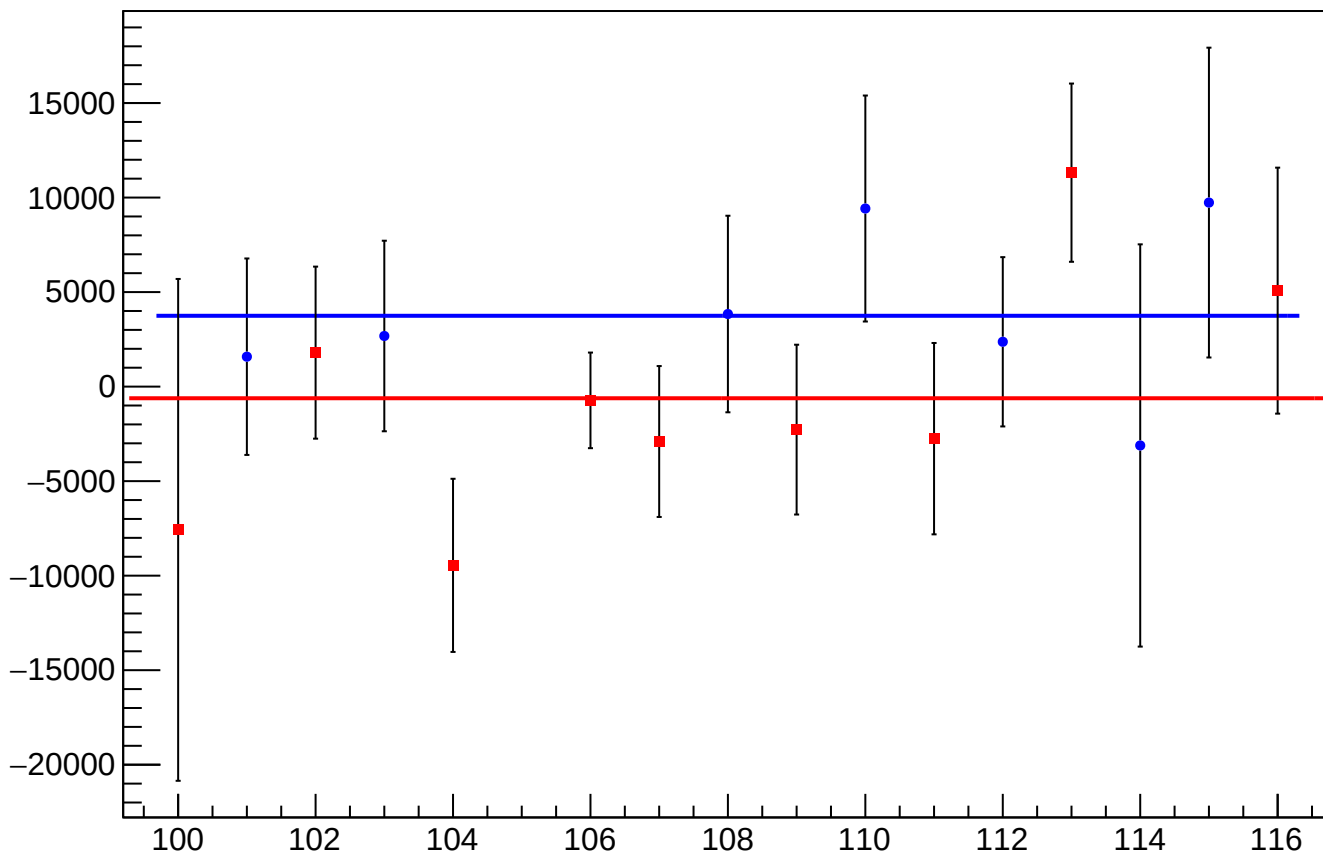
Right: 1343.517+/-0.396 χ^2/NDF : 595001.9/15

In: 1355.656+/-0.603 χ^2/NDF : 473048.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.517+/-0.396 χ^2/NDF : 595001.9/15

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3746.450+/-2156.582 χ^2 /NDF: 2.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -615.653+/-1446.355 χ^2 /NDF: 12.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

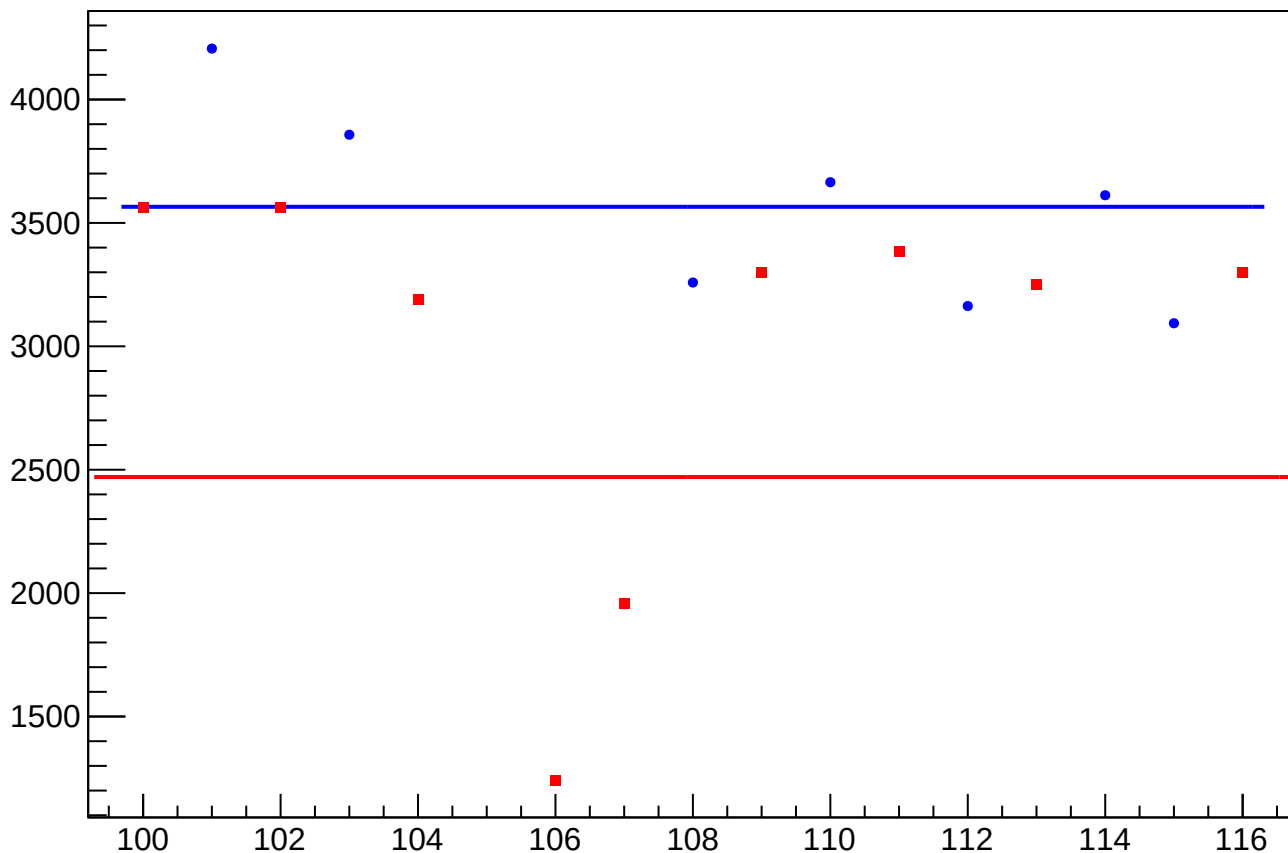
Right: 737.686+/-1201.216 χ^2 /NDF: 17.1/15

In: 3746.450+/-2156.582 χ^2 /NDF:2.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 737.686+/-1201.216 χ^2 /NDF: 17.1/15

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3565.355+/-1.525 χ^2/NDF : 67480.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2470.307+/-1.023 χ^2/NDF : 903314.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

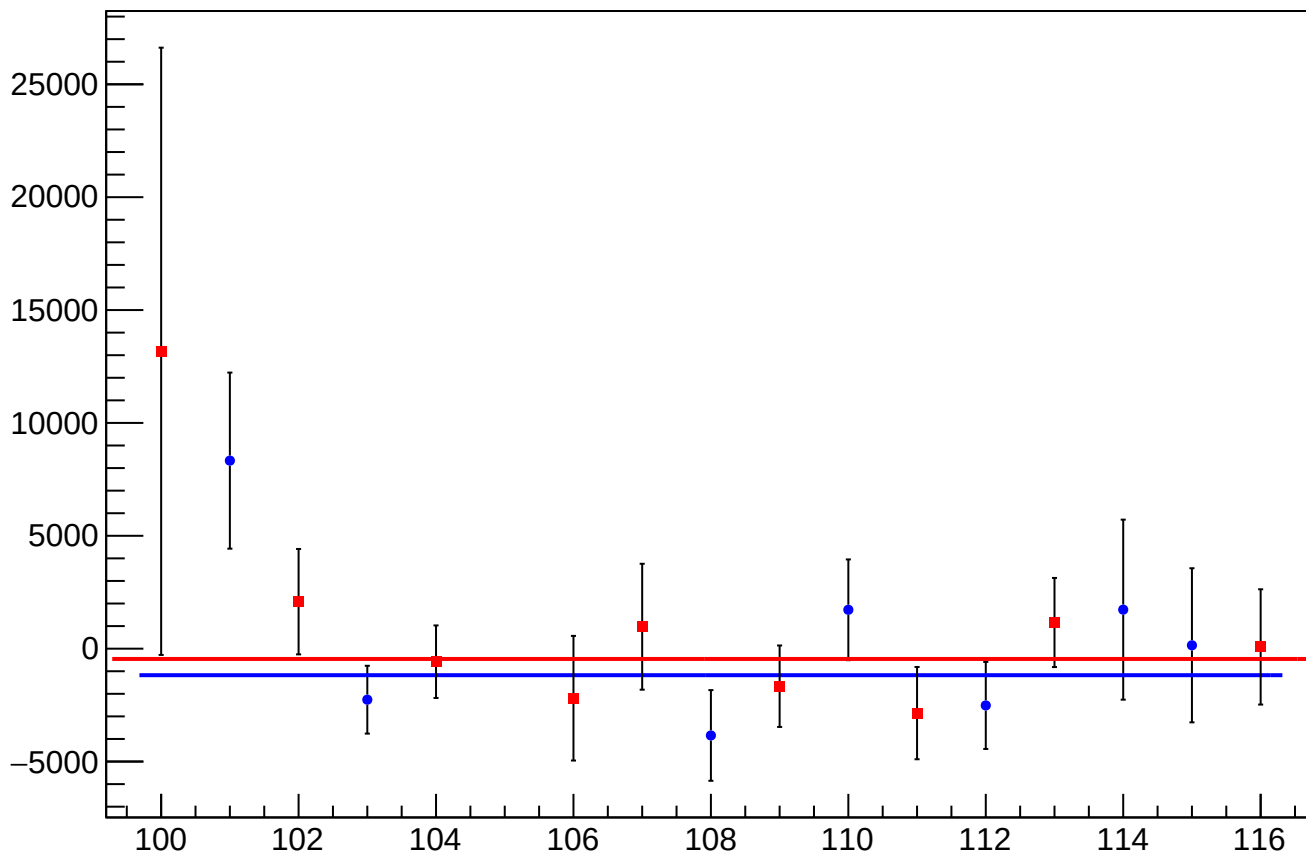
Right: 2810.044+/-0.849 χ^2/NDF : 1326473.7/15

In: 3565.355+/-1.525 χ^2/NDF : 67480.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2810.044+/-0.849 χ^2/NDF : 1326473.7/15

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.732+/-746.864 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

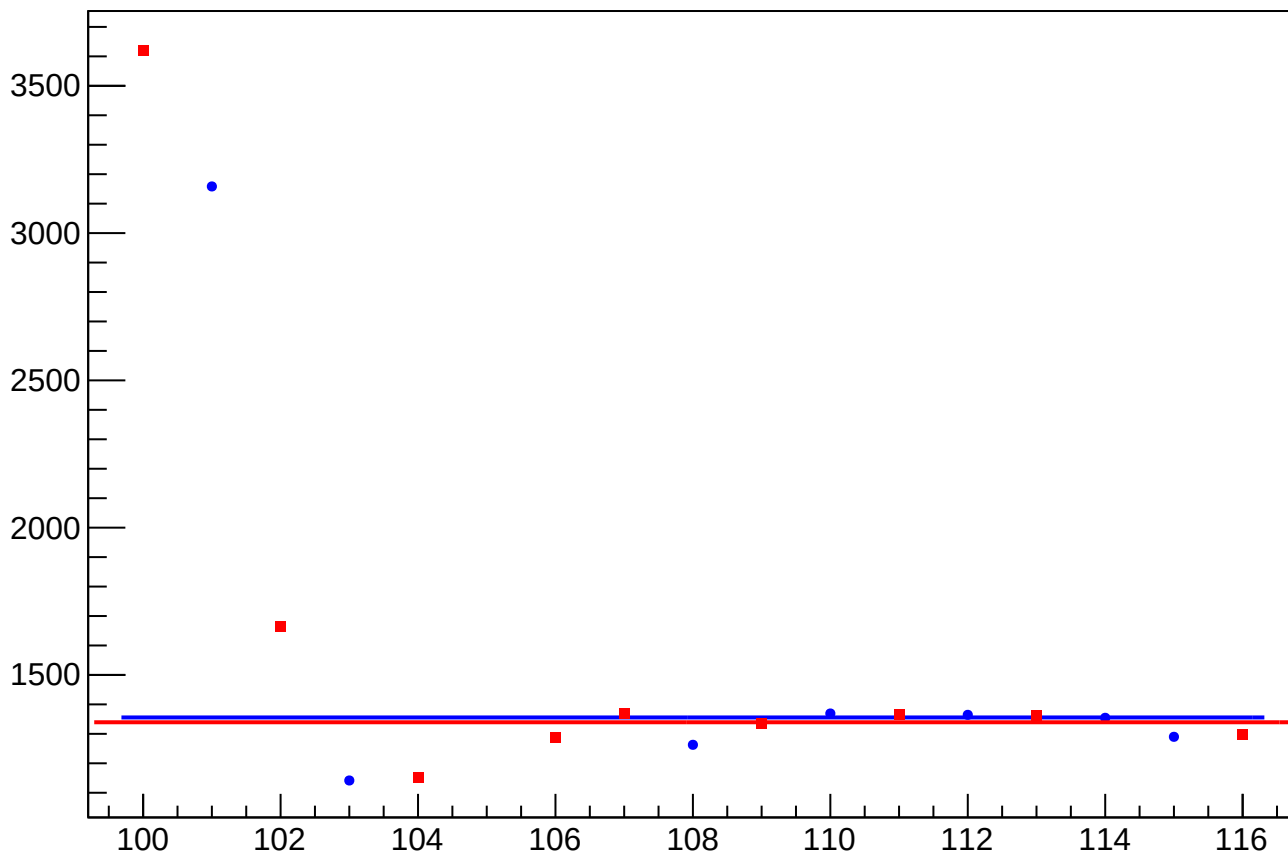
Right: -767.910+/-561.828 χ^2/NDF : 16.9/15

In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.910+/-561.828 χ^2/NDF : 16.9/15

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

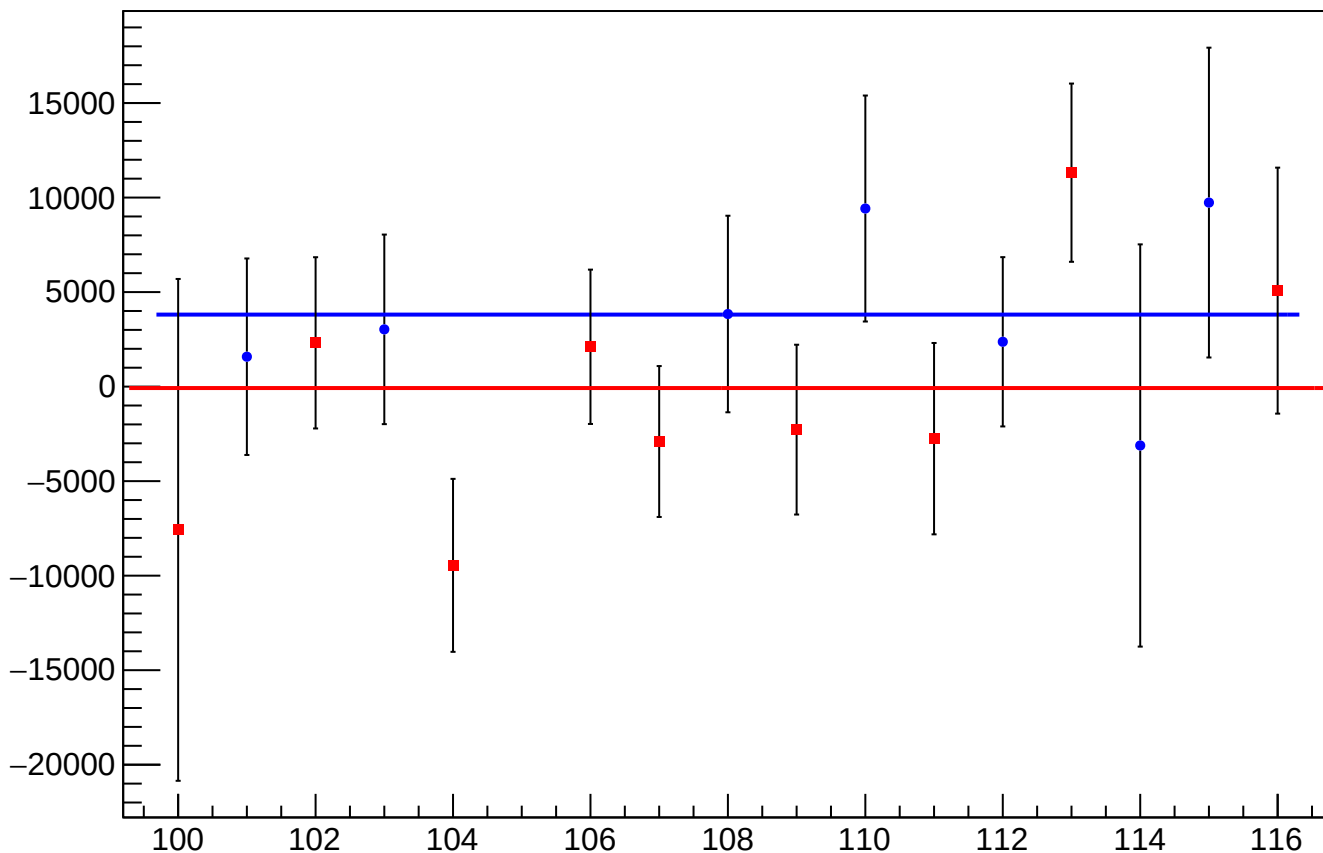
Right: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.811+/-1617.505 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

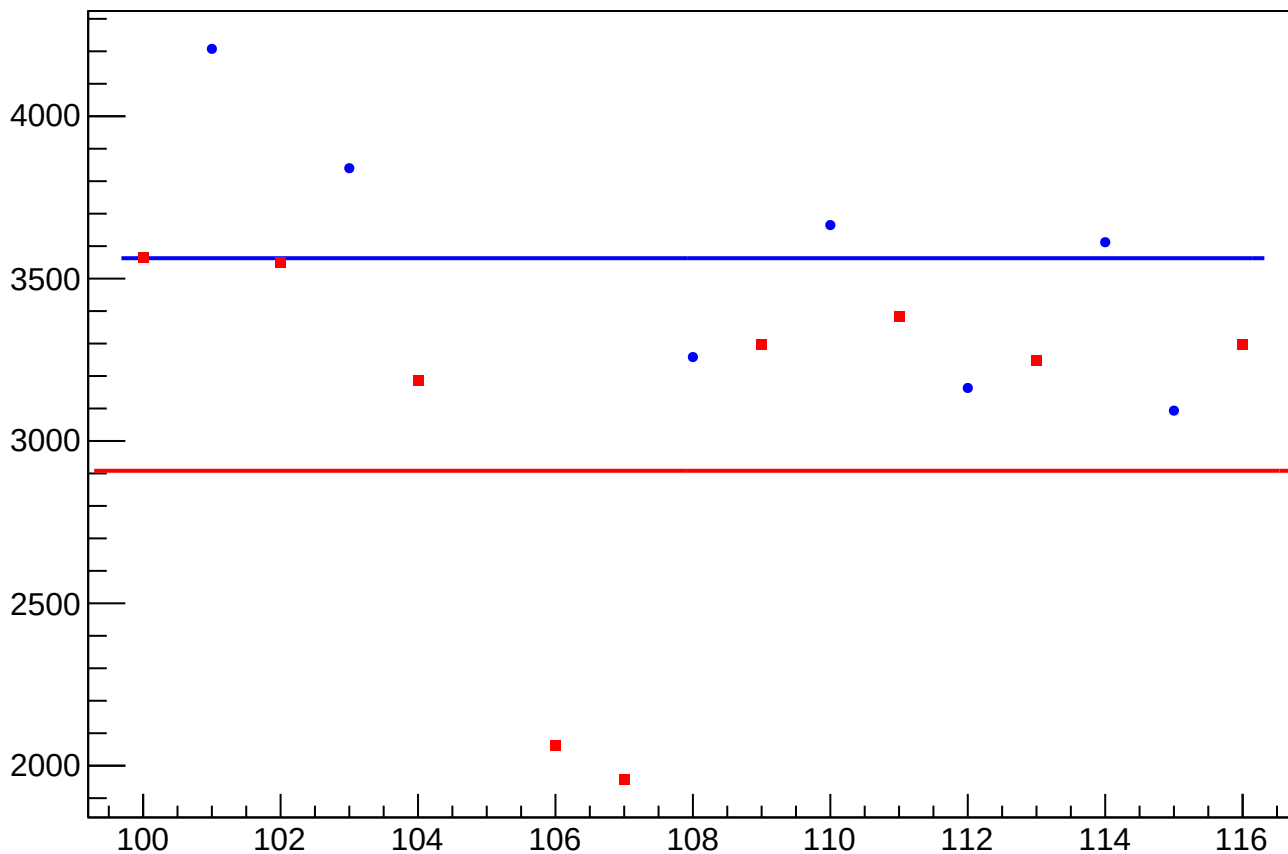
Right: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

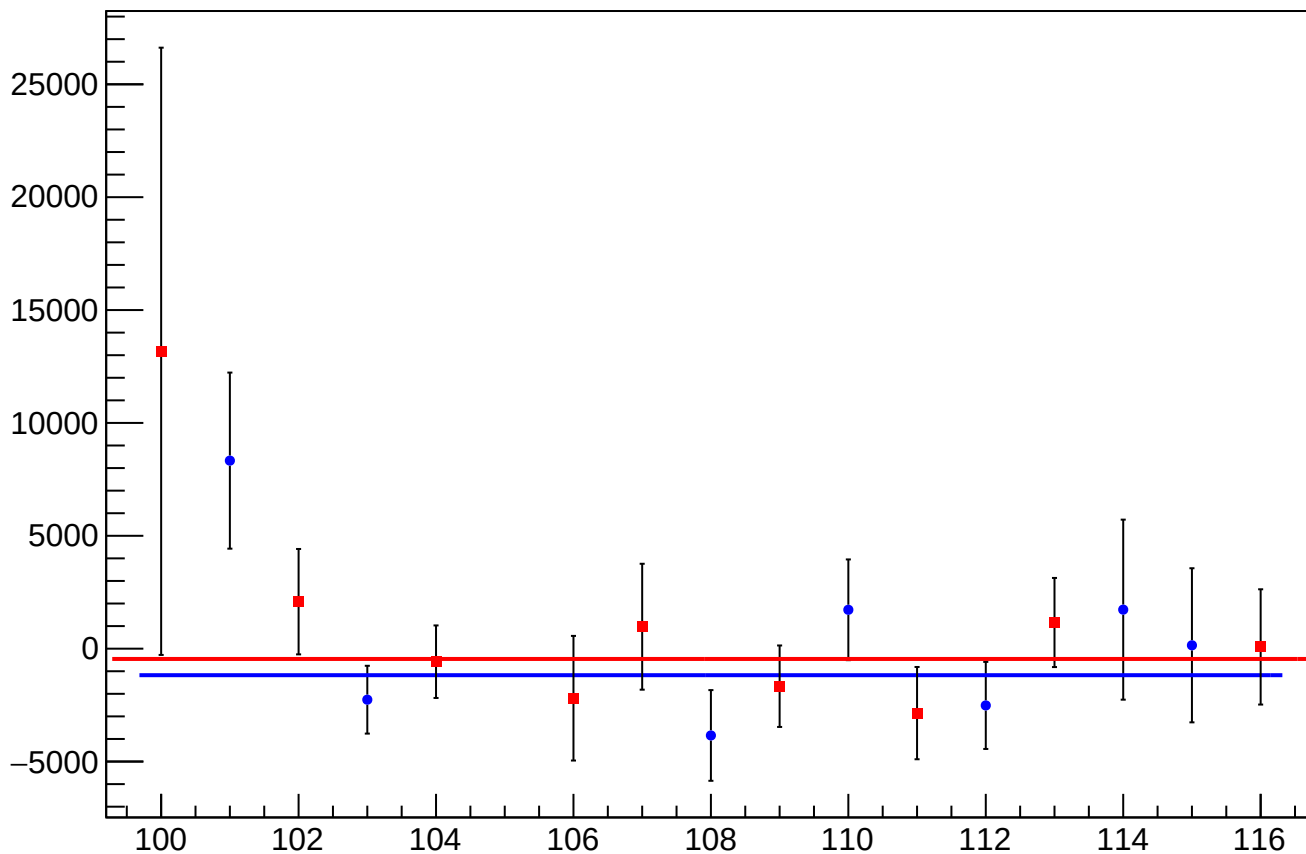
Right: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.732+/-746.864 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

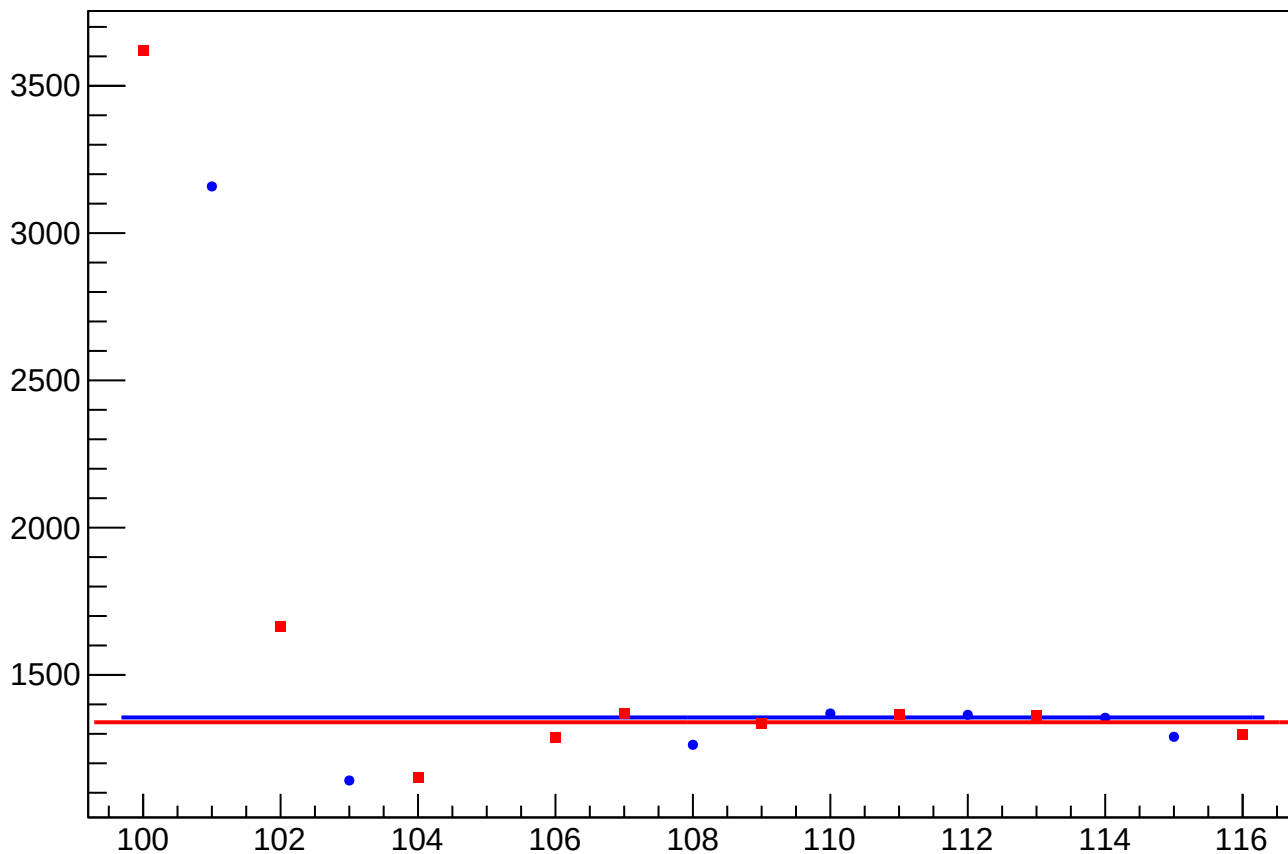
Right: -767.910+/-561.828 χ^2/NDF : 16.9/15

In: -1174.835+/-852.703 χ^2/NDF : 11.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.910+/-561.828 χ^2/NDF : 16.9/15

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

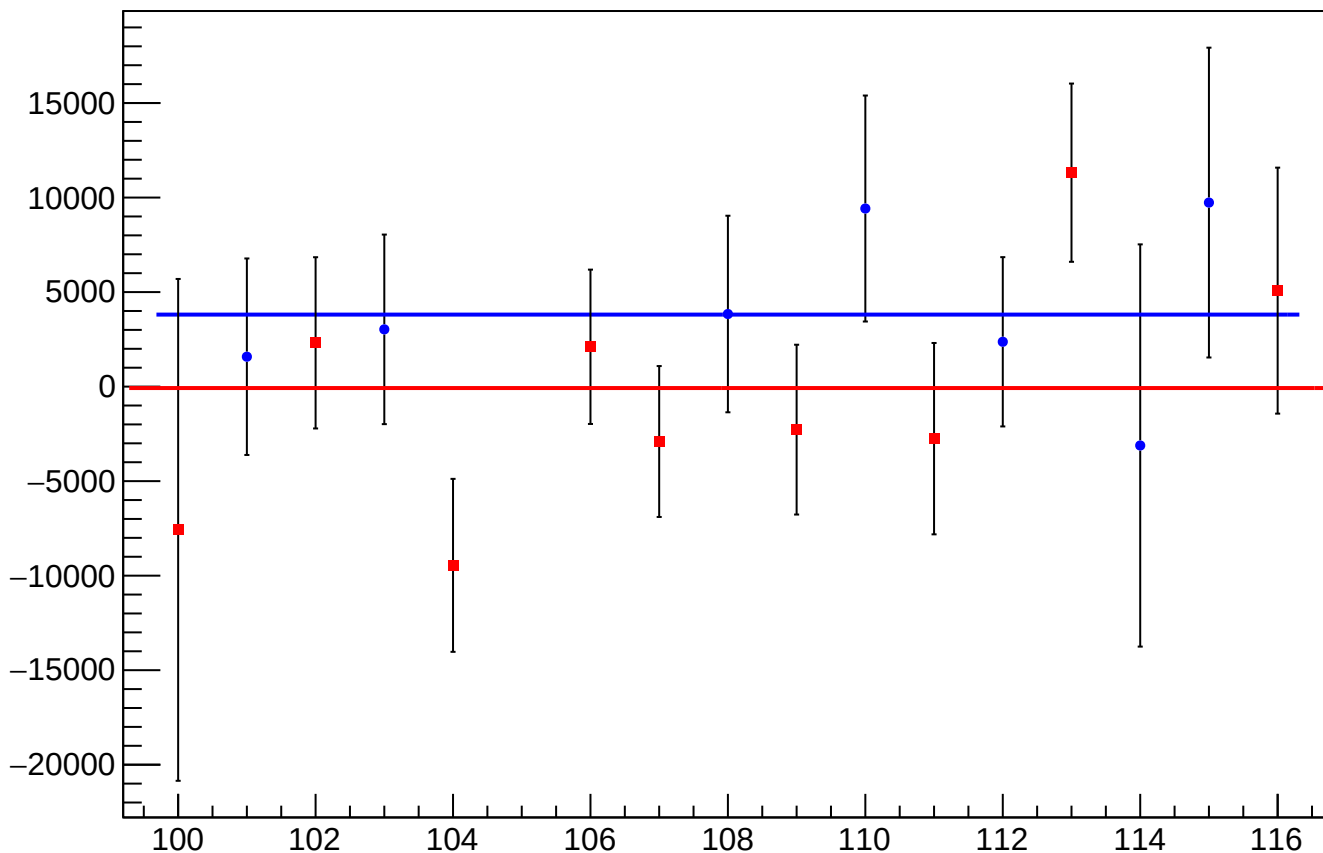
Right: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

In: 1355.655+/-0.603 χ^2/NDF : 473050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.372+/-0.396 χ^2/NDF : 599936.5/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.811+/-1617.505 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

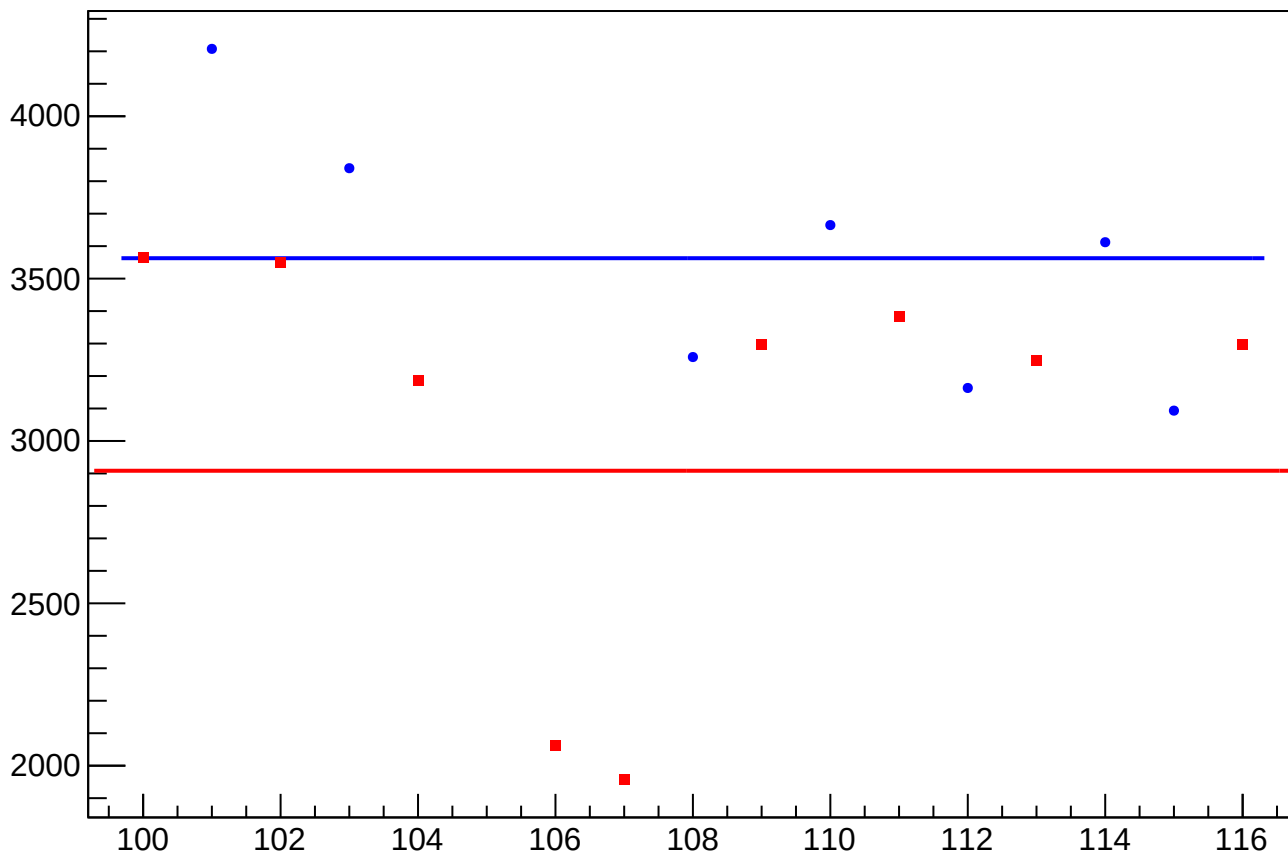
Right: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

In: 3809.316+/-2154.624 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.537+/-1293.561 χ^2/NDF : 16.8/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

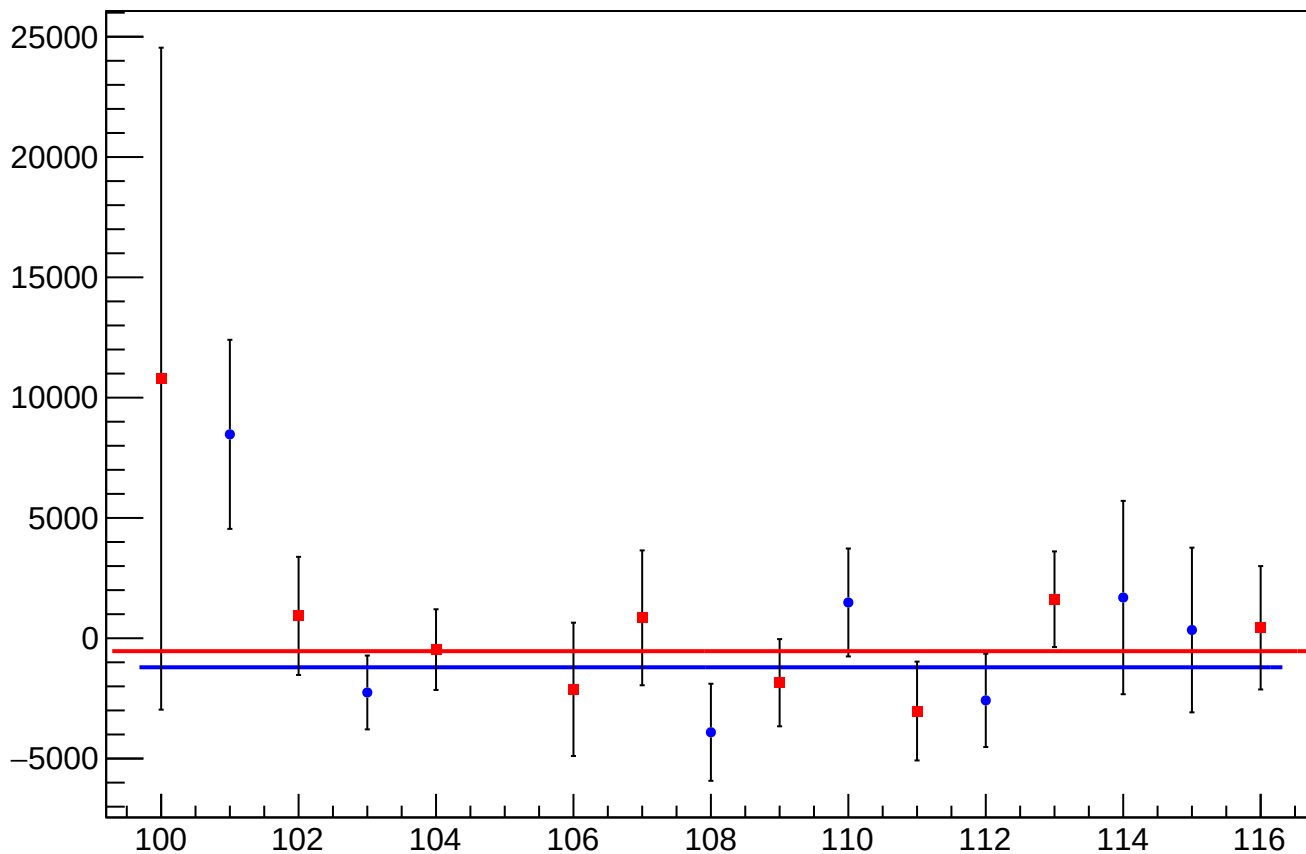
Right: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

In: 3562.840+/-1.524 χ^2/NDF : 66857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.212+/-0.915 χ^2/NDF : 487437.0/15

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1206.317+/-861.532 χ^2/NDF : 11.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -536.716+/-760.116 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

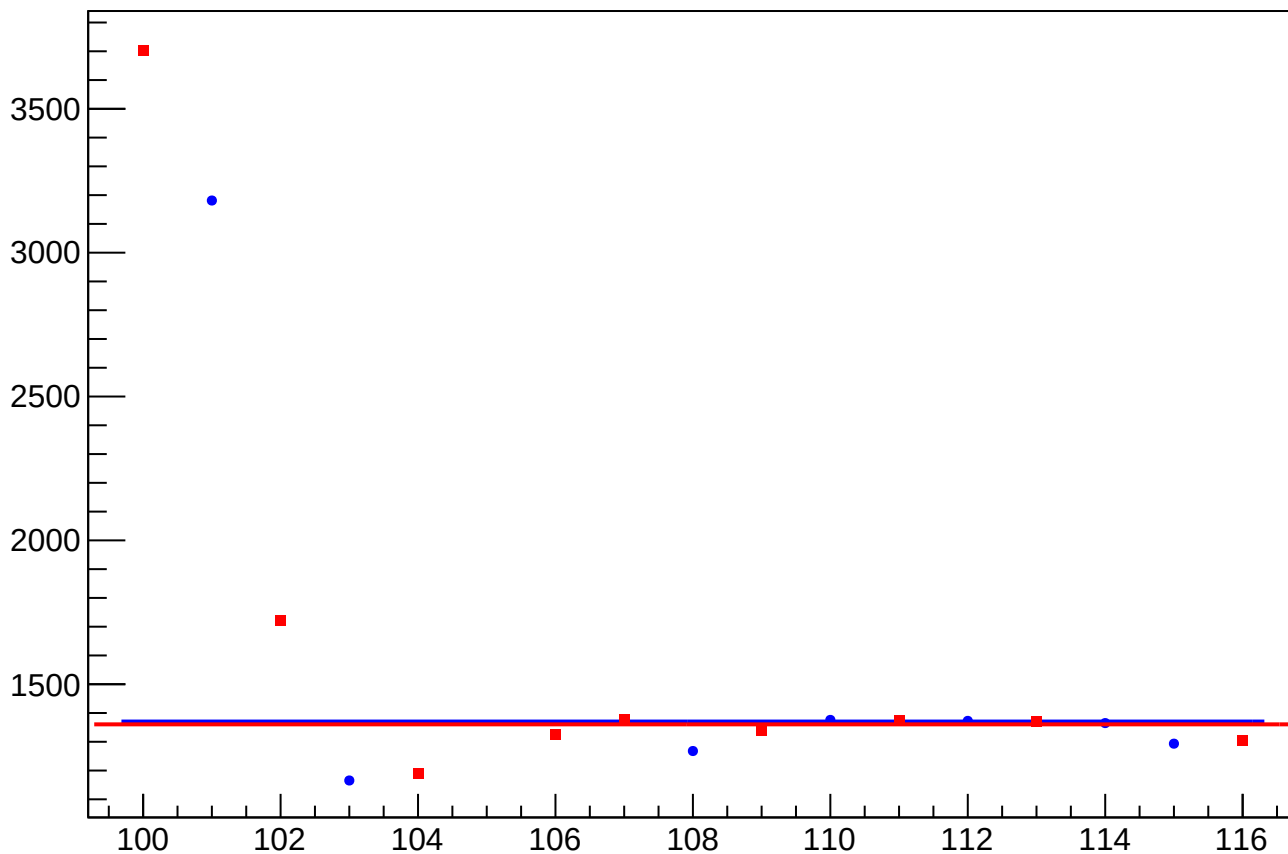
Right: -829.804+/-569.983 χ^2/NDF : 16.3/15

In: -1206.317+/-861.532 χ^2/NDF : 11.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.804+/-569.983 χ^2/NDF : 16.3/15

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

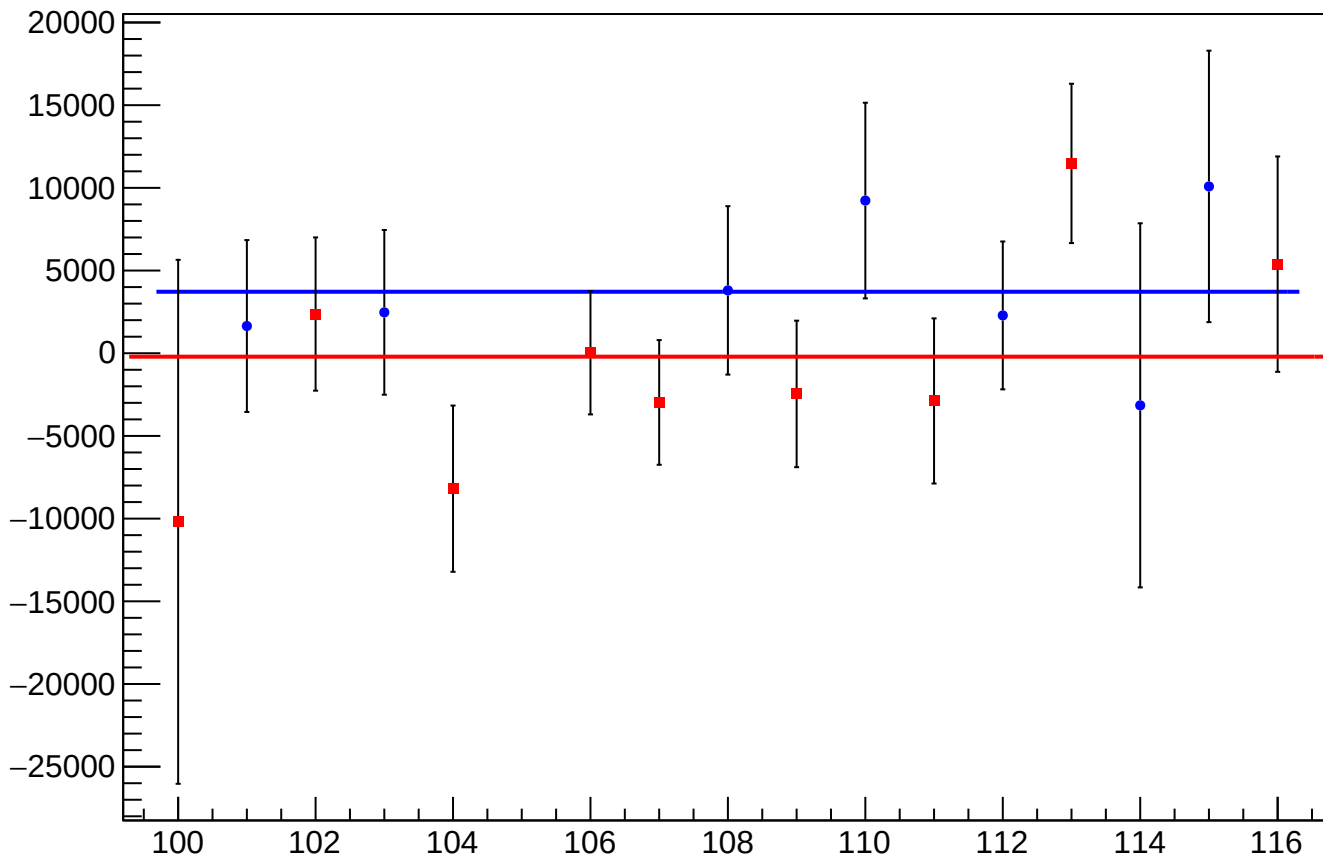
Right: 1364.787+/-0.403 χ^2/NDF : 590421.3/15

In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.787+/-0.403 χ^2/NDF : 590421.3/15

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3718.239+/-2143.568 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.541+/-1600.548 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

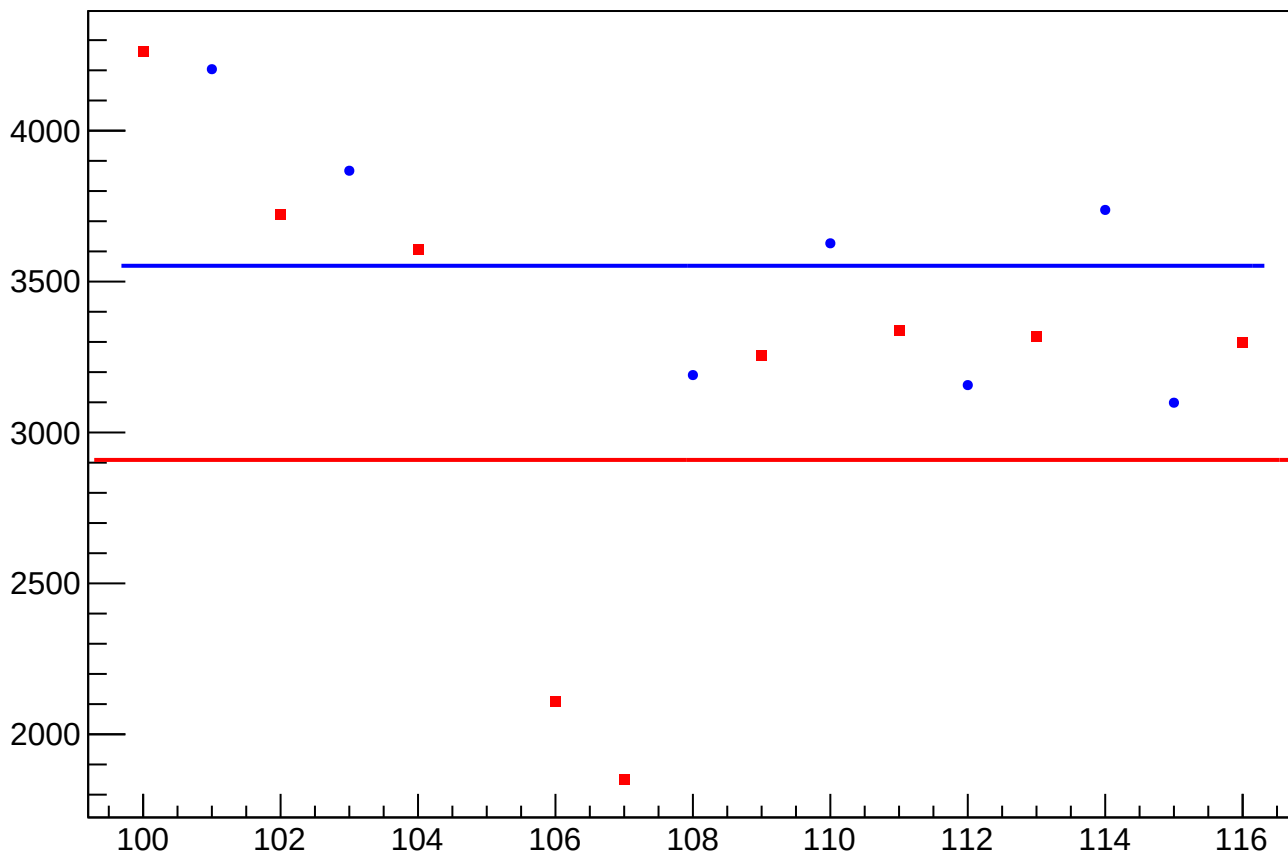
Right: 1197.712+/-1282.483 χ^2/NDF : 15.3/15

In: 3718.239+/-2143.568 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.712+/-1282.483 χ^2/NDF : 15.3/15

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3552.370+/-1.516 χ^2/NDF : 72175.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2909.111+/-1.132 χ^2/NDF : 413923.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

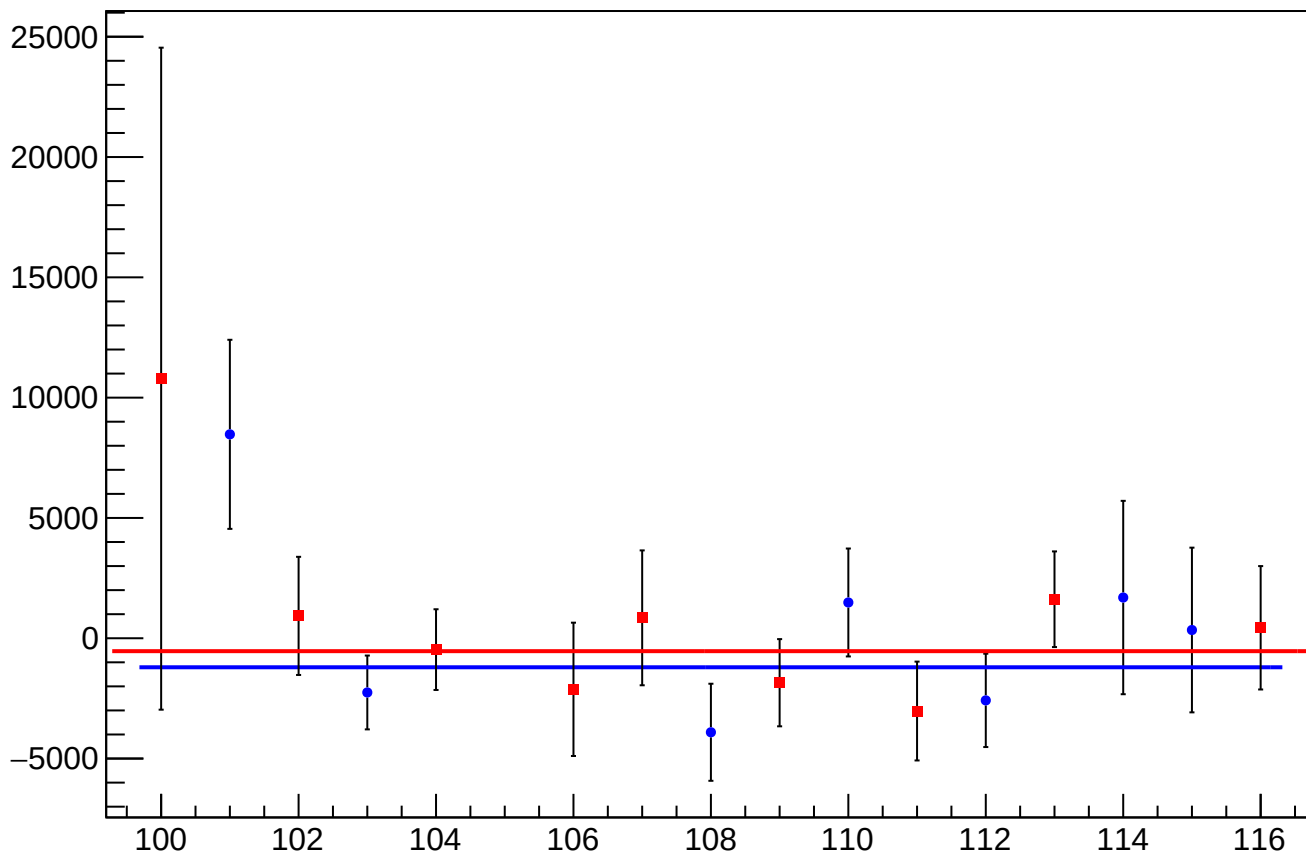
Right: 3139.369+/-0.907 χ^2/NDF : 601734.7/15

In: 3552.370+/-1.516 χ^2/NDF : 72175.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.369+/-0.907 χ^2/NDF : 601734.7/15

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1206.325+/-861.532 χ^2/NDF : 11.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -536.726+/-760.116 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

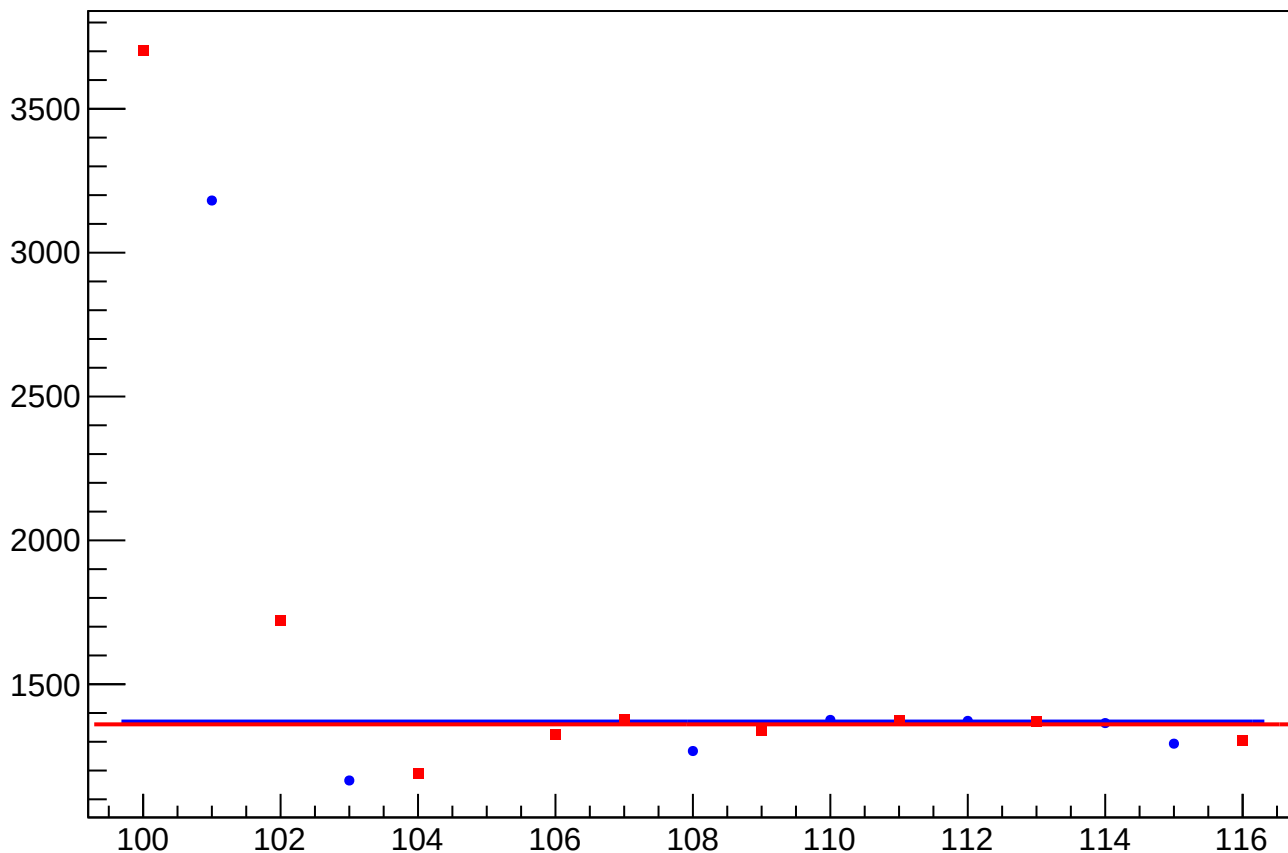
Right: -829.813+/-569.983 χ^2/NDF : 16.3/15

In: -1206.325+/-861.532 χ^2/NDF : 11.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.813+/-569.983 χ^2/NDF : 16.3/15

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

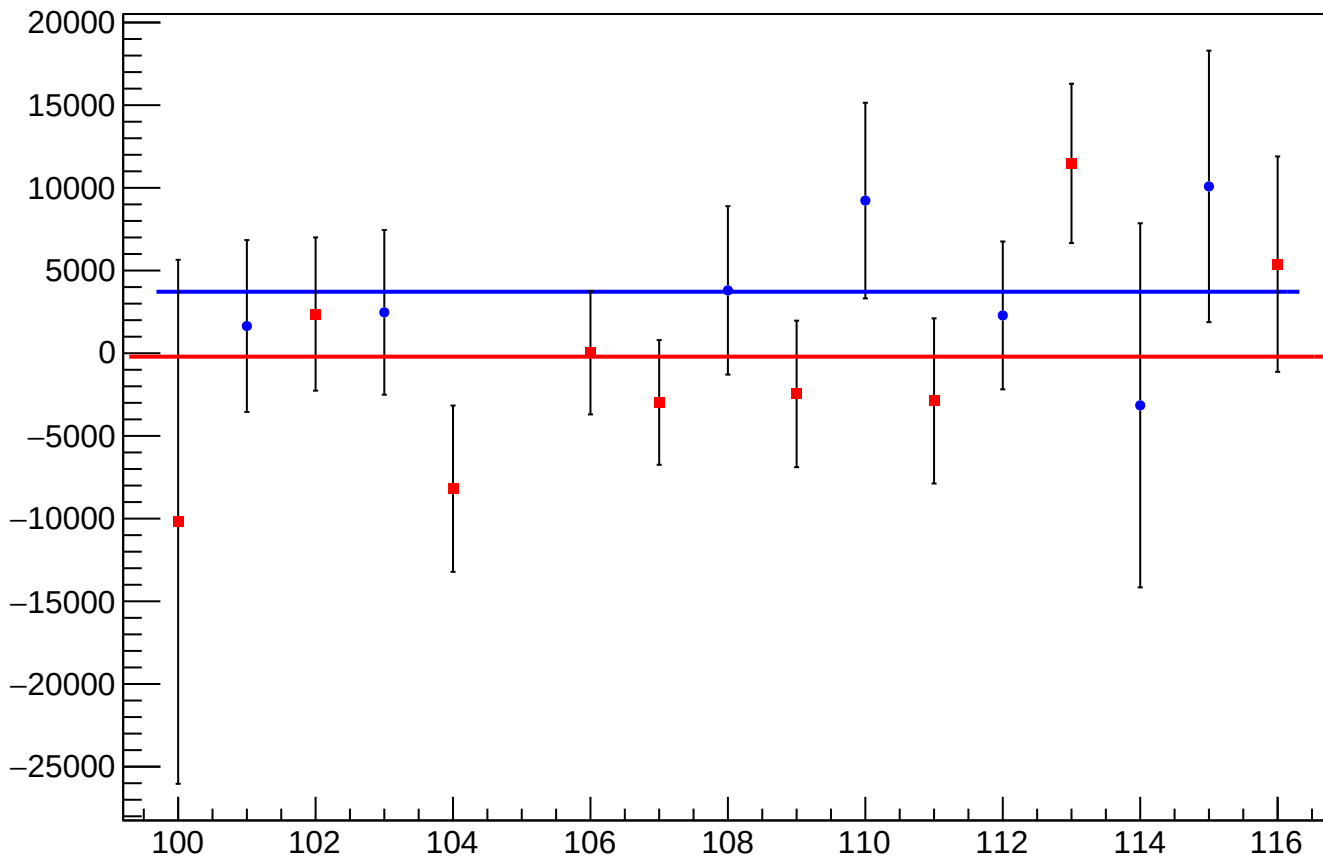
Right: 1364.787+/-0.403 χ^2/NDF : 590421.4/15

In: 1370.259+/-0.609 χ^2/NDF : 466715.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.787+/-0.403 χ^2/NDF : 590421.4/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3718.238+/-2143.564 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.546+/-1600.545 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

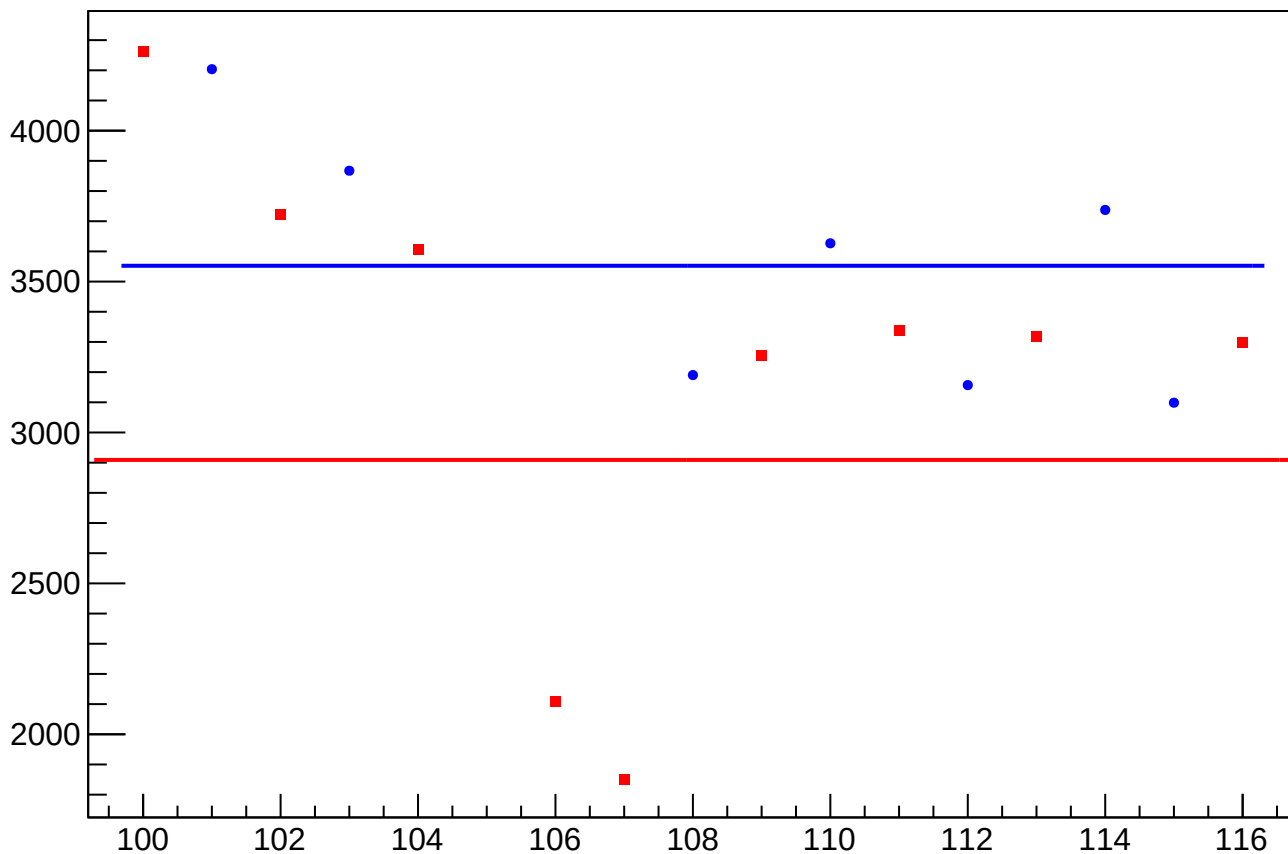
Right: 1197.708+/-1282.480 χ^2/NDF : 15.3/15

In: 3718.238+/-2143.564 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.708+/-1282.480 χ^2/NDF : 15.3/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3552.364+/-1.516 χ^2/NDF : 72176.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2909.105+/-1.132 χ^2/NDF : 413925.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

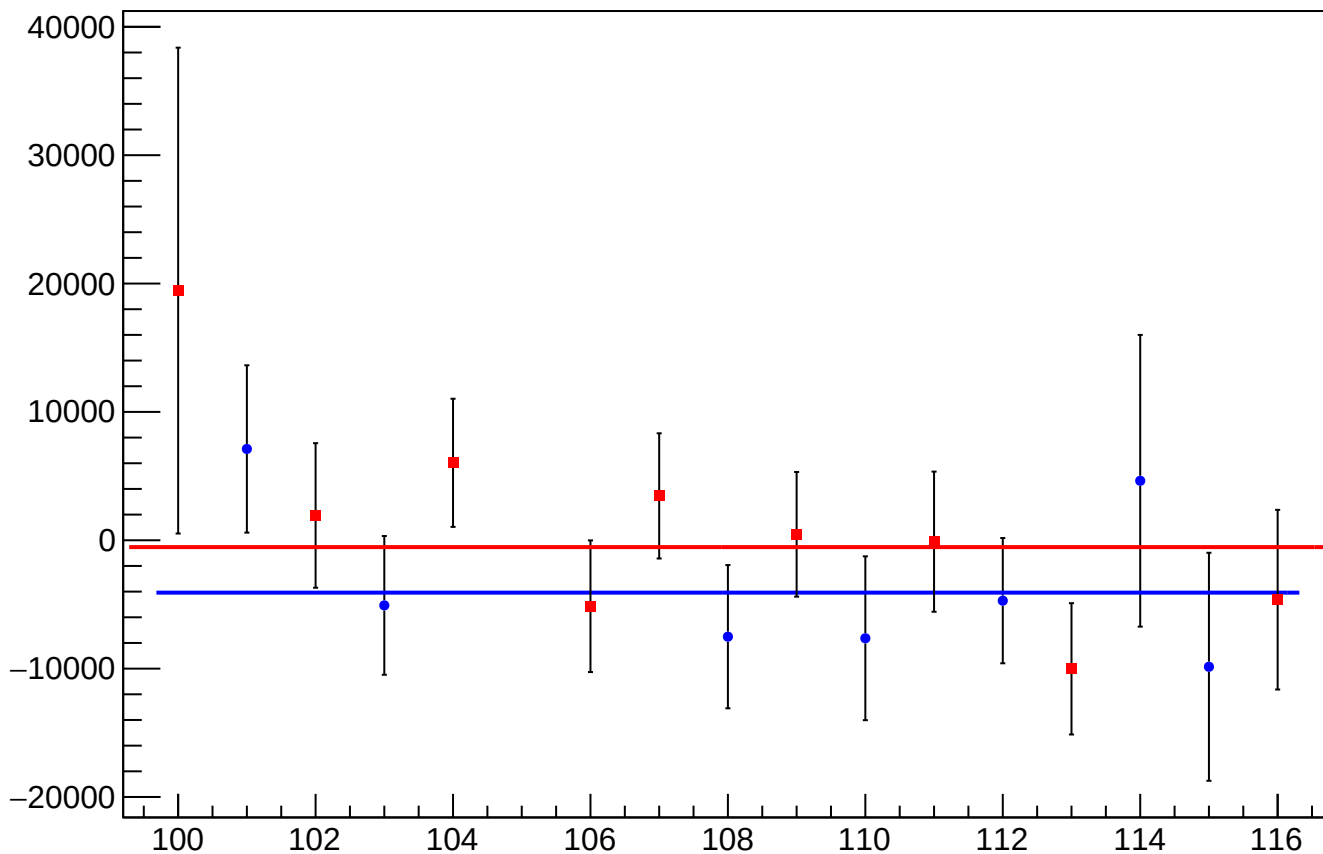
Right: 3139.363+/-0.907 χ^2/NDF : 601738.6/15

In: 3552.364+/-1.516 χ^2/NDF : 72176.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3139.363+/-0.907 χ^2/NDF : 601738.6/15

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -4079.672+/-2377.897 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -533.002+/-1859.879 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

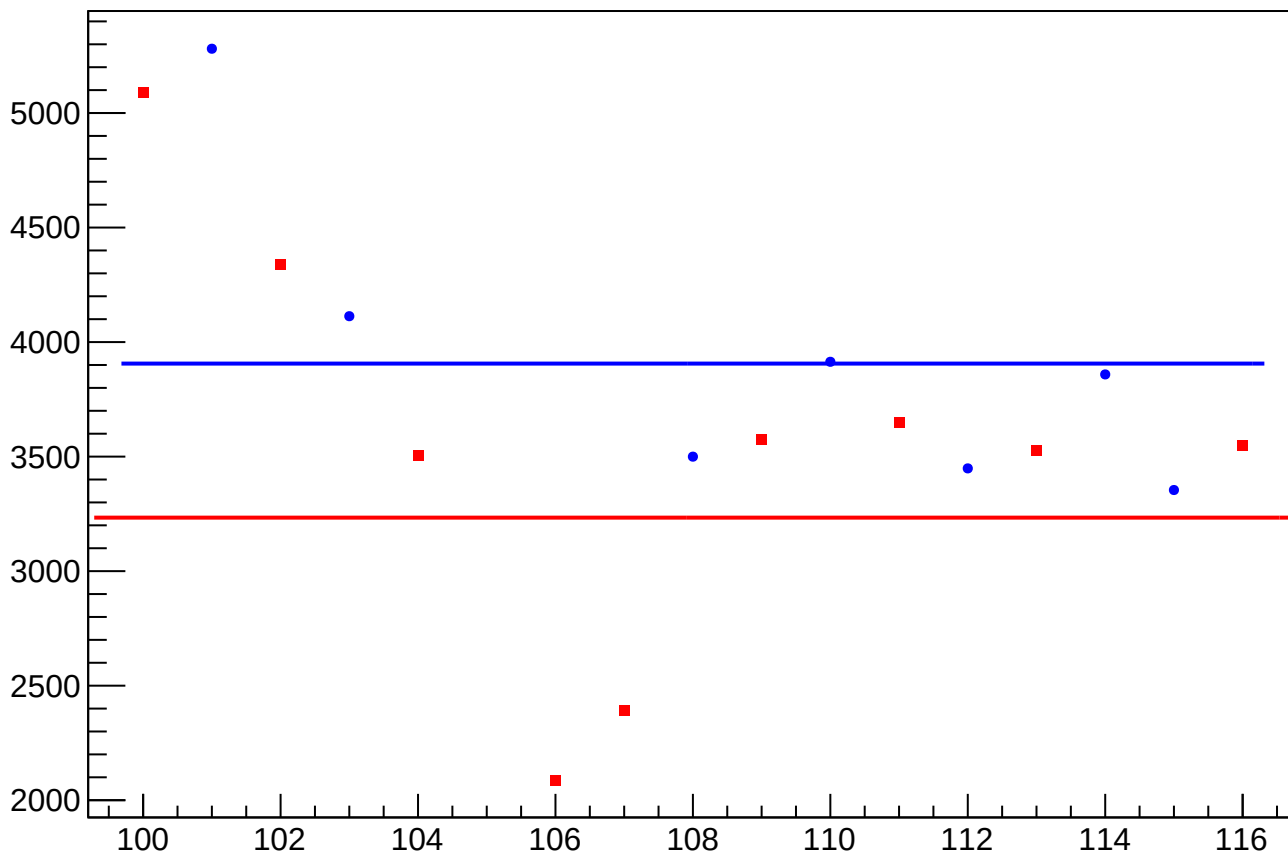
Right: -1879.181+/-1464.988 χ^2/NDF : 14.4/15

In: -4079.672+/-2377.897 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1879.181+/-1464.988 χ^2/NDF : 14.4/15

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3906.115+/-1.681 χ^2/NDF : 127826.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3233.605+/-1.281 χ^2/NDF : 334027.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

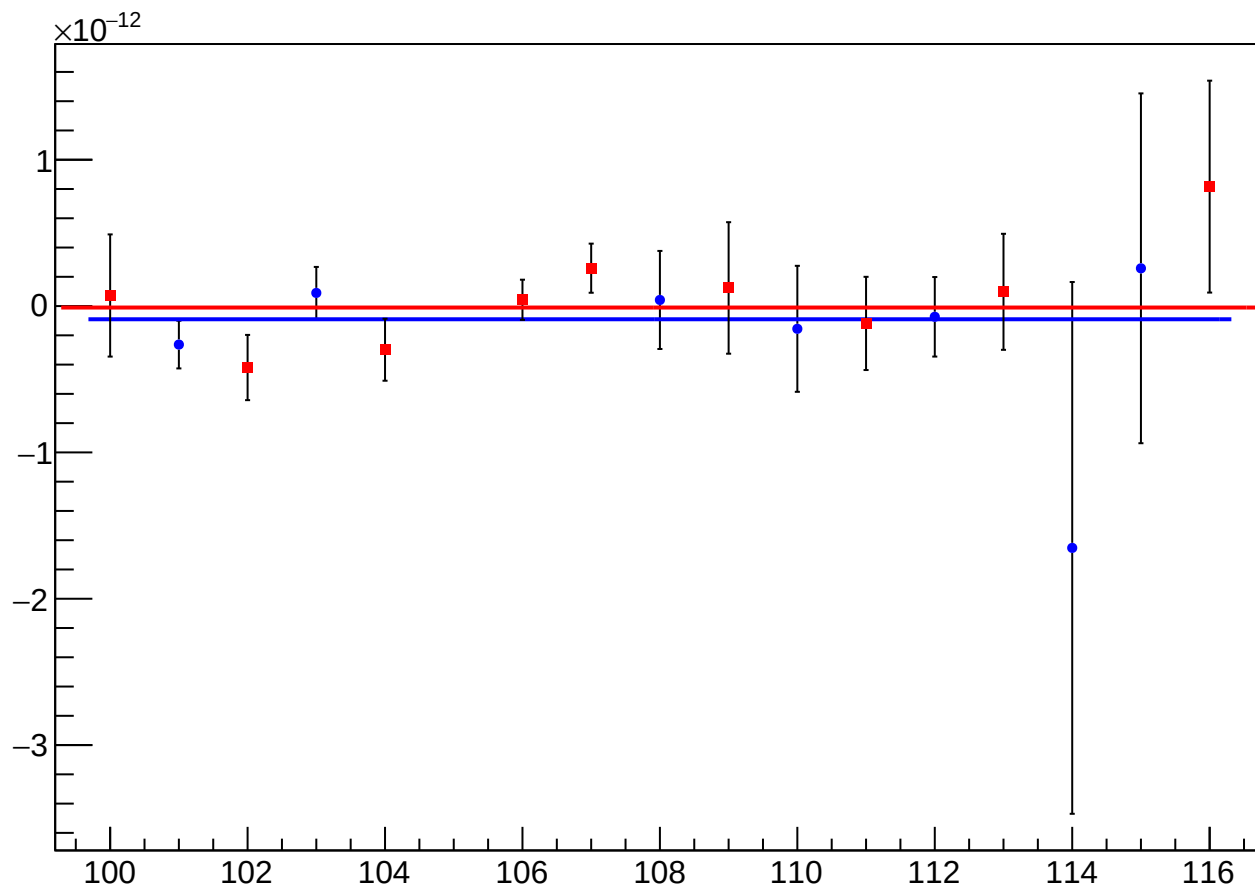
Right: 3480.606+/-1.019 χ^2/NDF : 563075.4/15

In: 3906.115+/-1.681 χ^2/NDF : 127826.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3480.606+/-1.019 χ^2/NDF : 563075.4/15

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

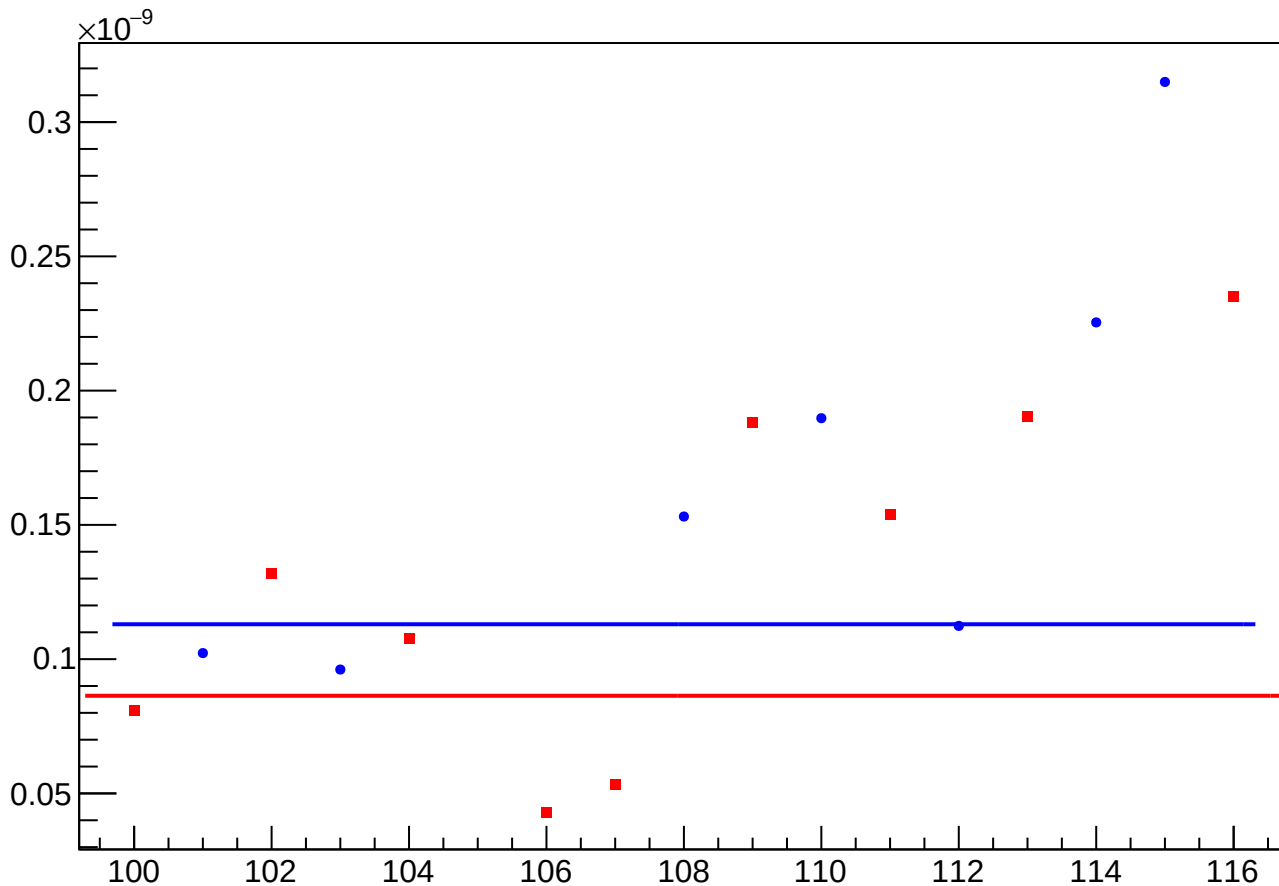
Right: -0.000+/-0.000 χ^2/NDF : 13.1/15

In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/15

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 183685.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 795761.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

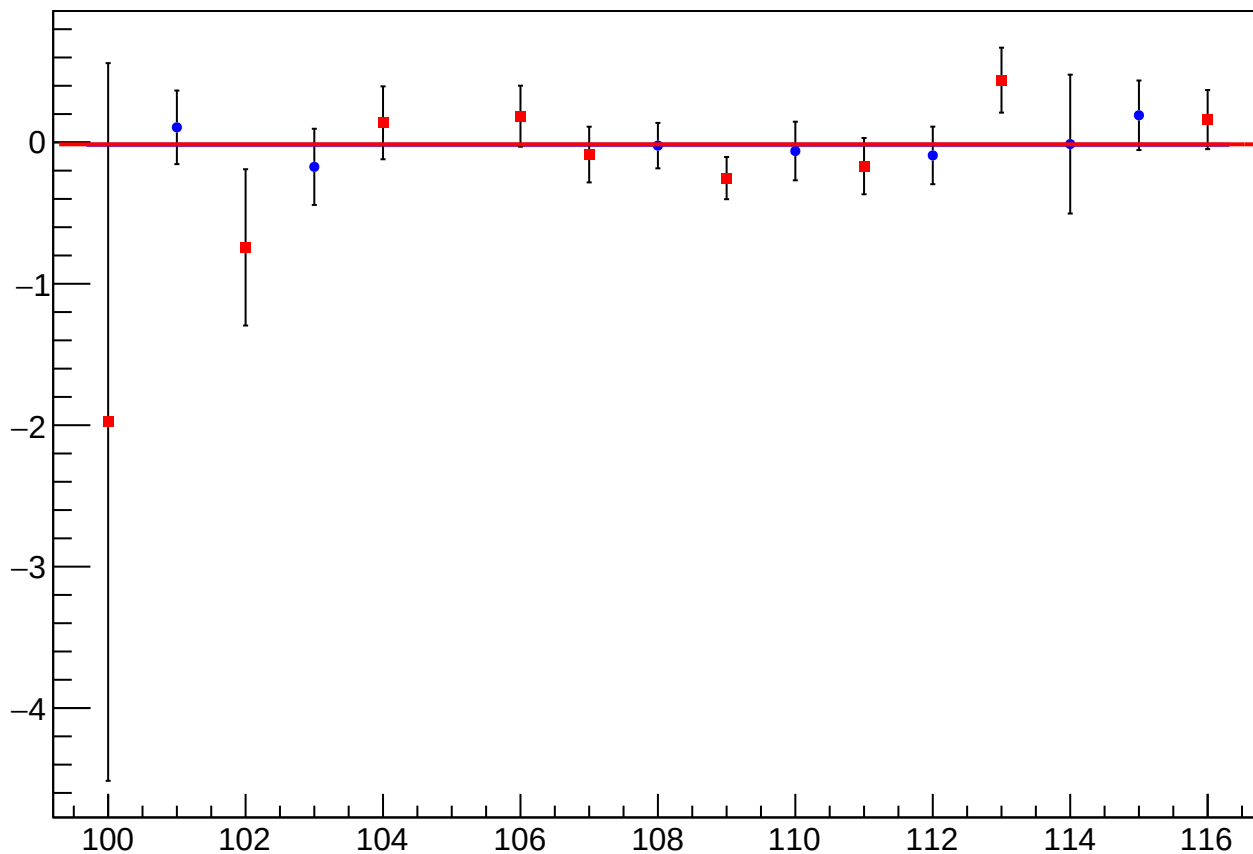
Right: 0.000+/-0.000 χ^2/NDF : 1065735.8/15

In: 0.000+/-0.000 χ^2/NDF : 183685.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1065735.8/15

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

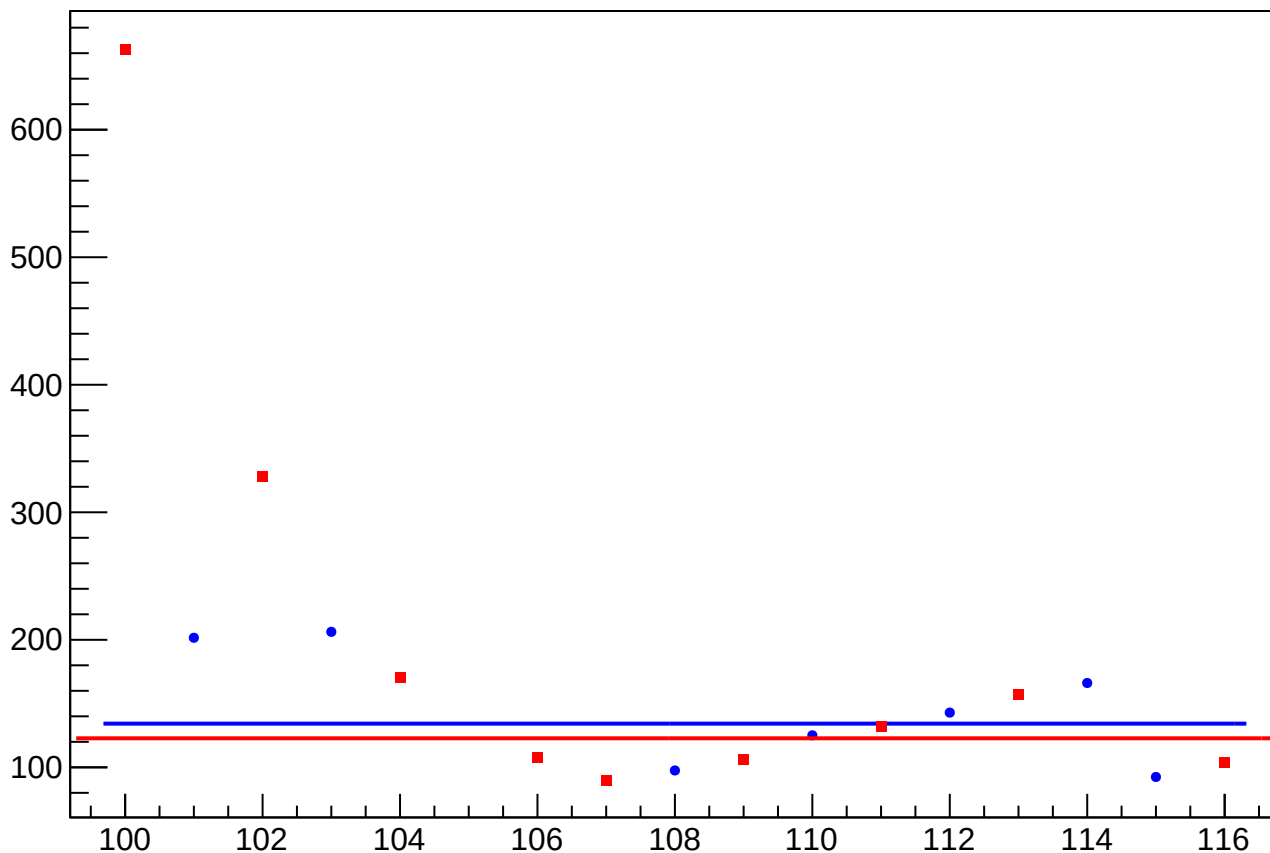
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.761+/-0.053 χ^2/NDF : 591884.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

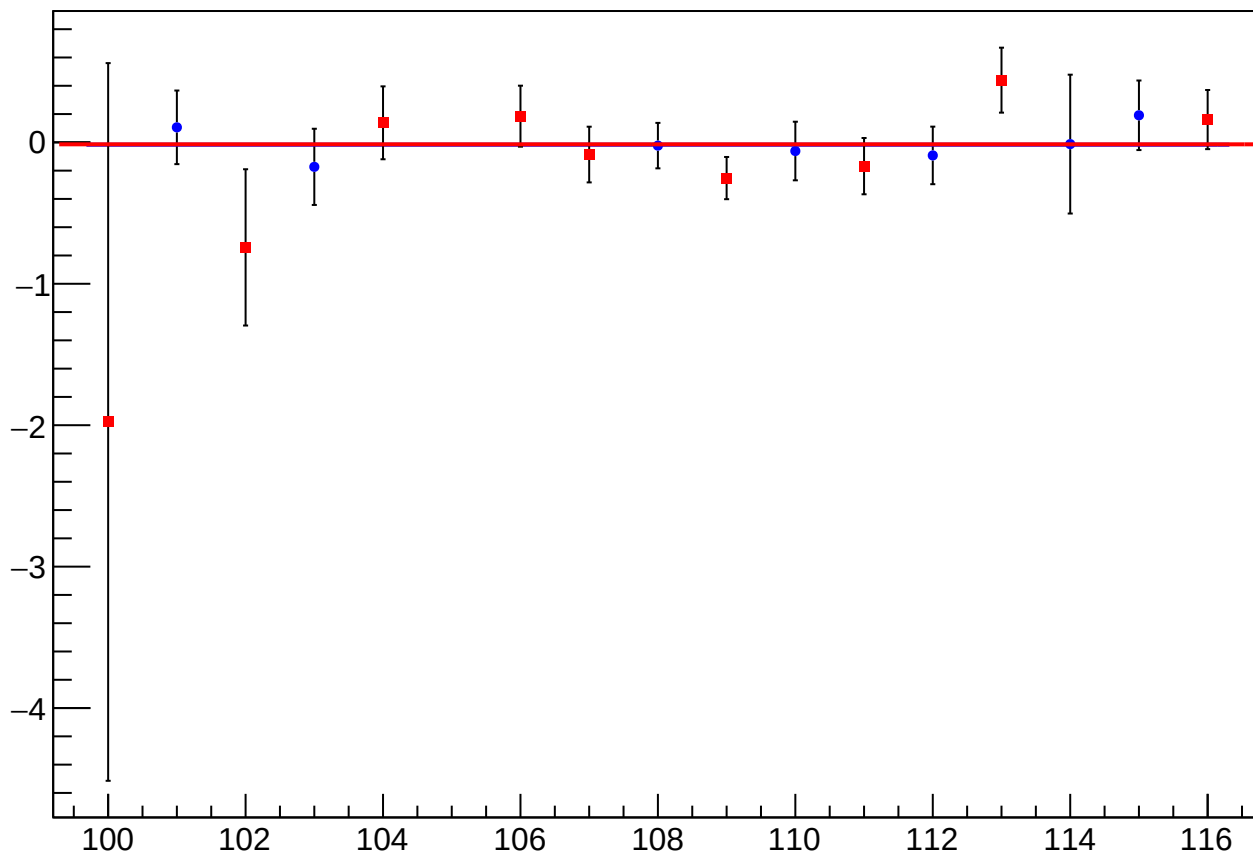
Right: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

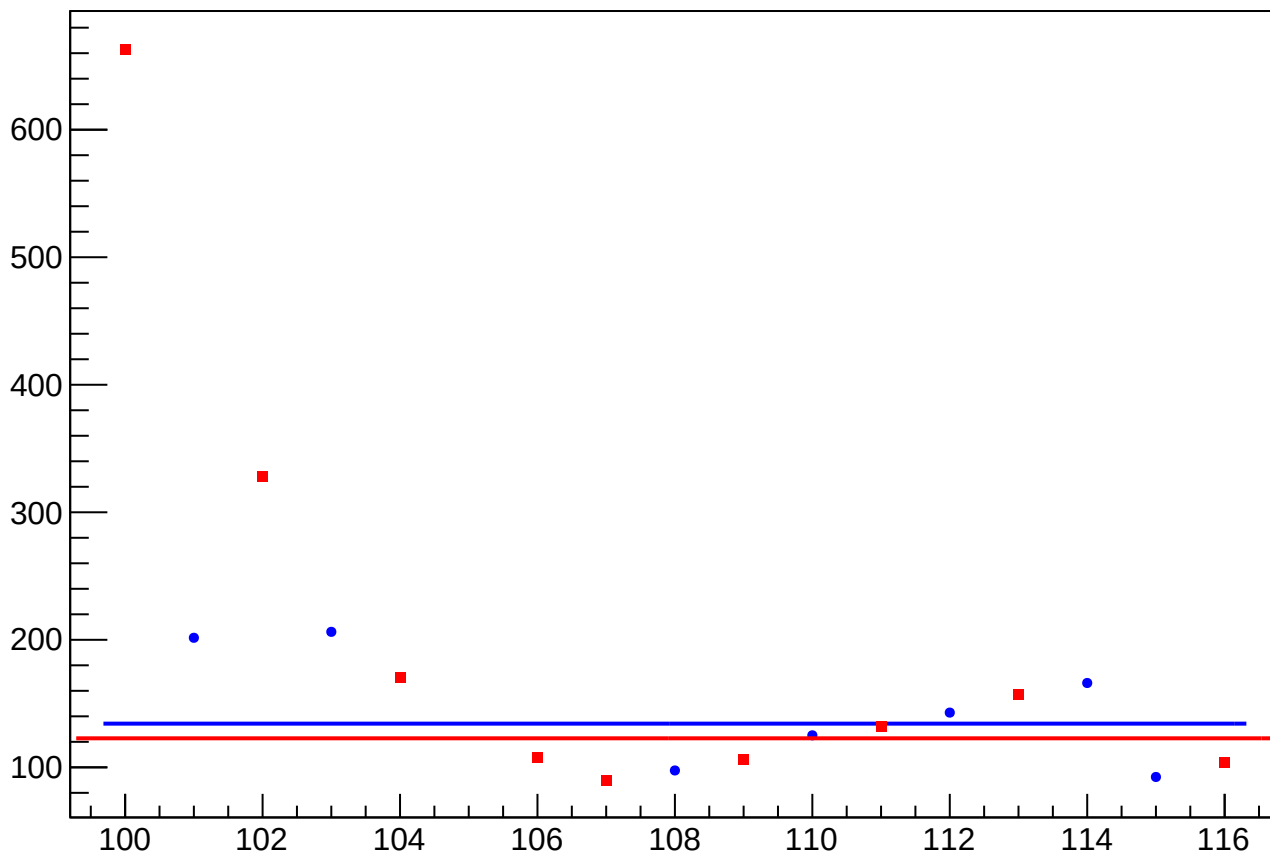
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.761+/-0.053 χ^2/NDF : 591884.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

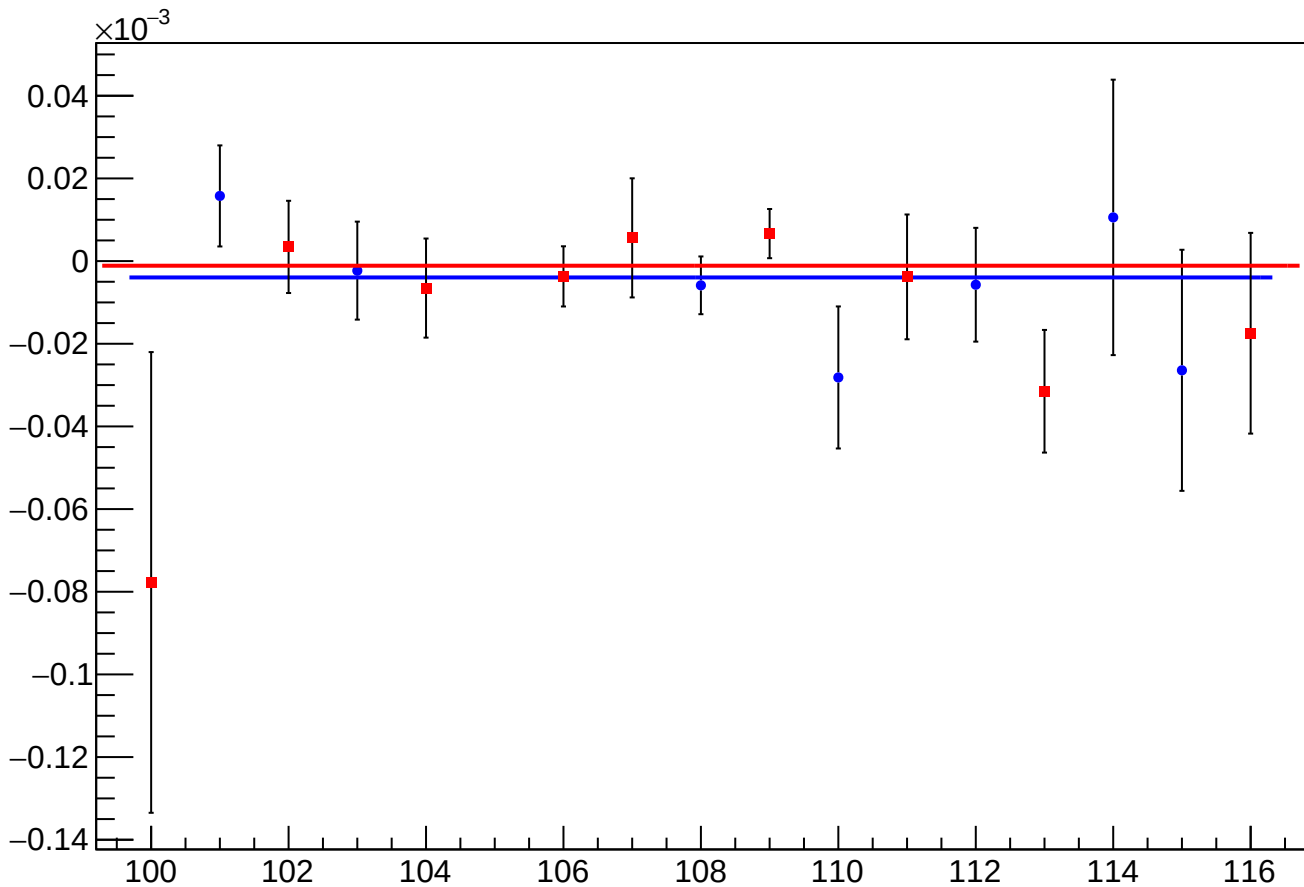
Right: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

In: 134.268+/-0.061 χ^2/NDF : 454951.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.736+/-0.040 χ^2/NDF : 1067191.9/15

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 : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

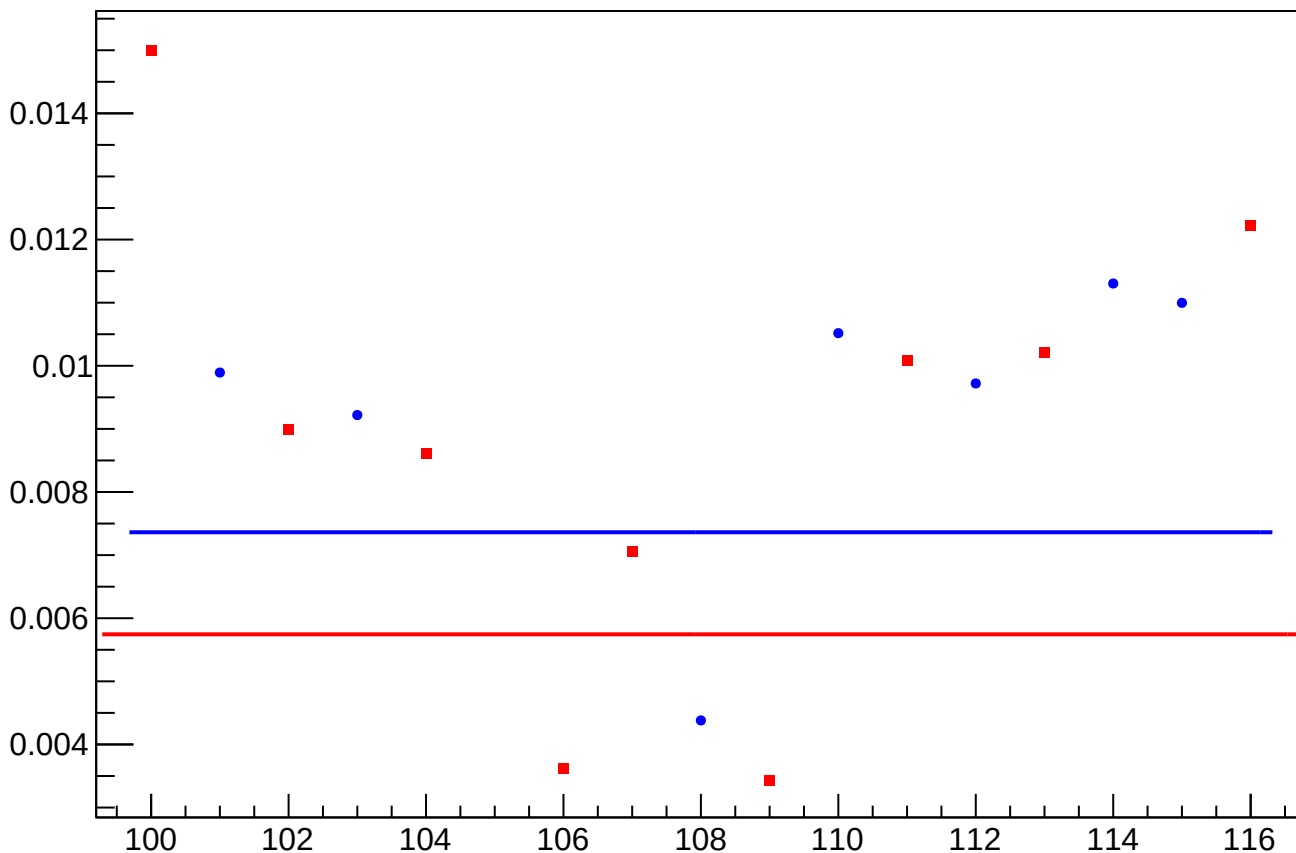
Right: -0.000+/-0.000 χ^2/NDF : 14.7/15

In: -0.000+/-0.000 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/15

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 : 684315.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1318996.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

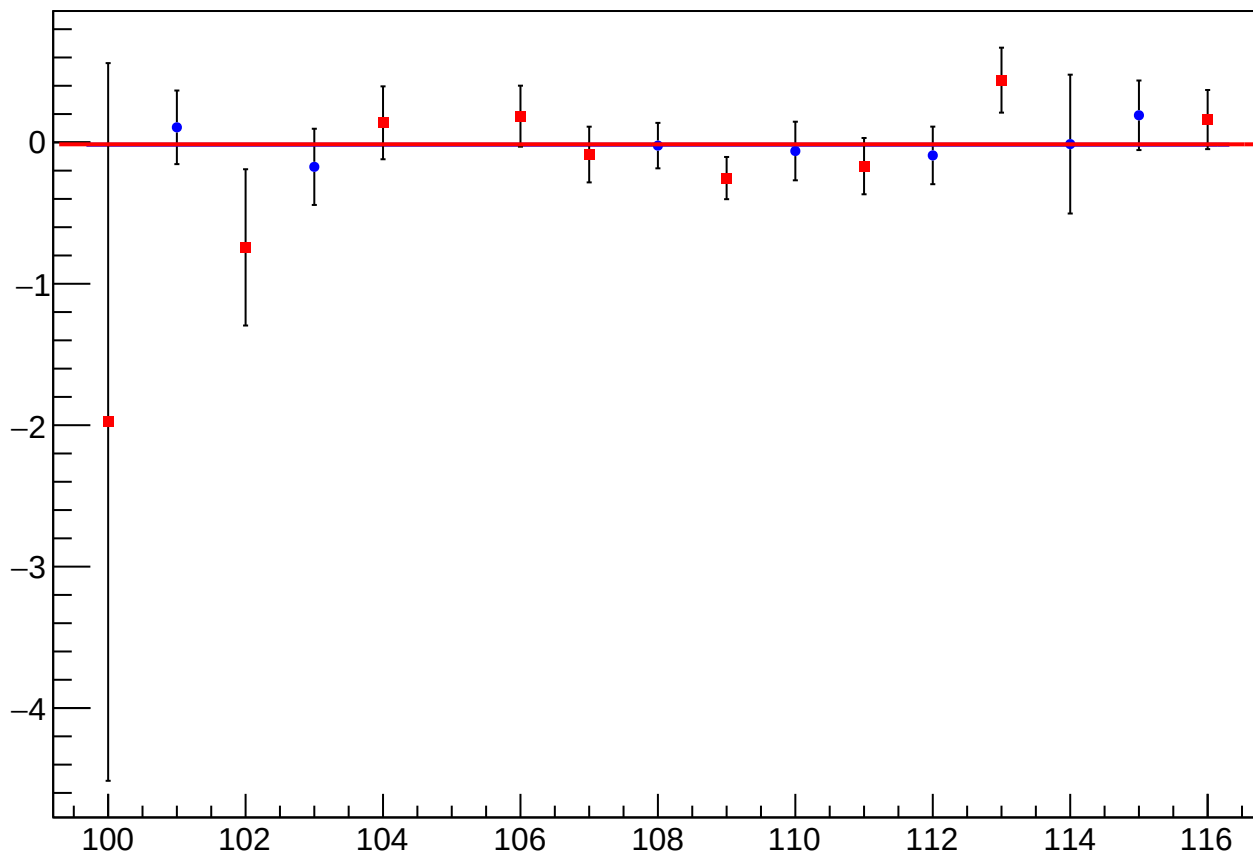
Right: 0.006+/-0.000 χ^2/NDF : 2152541.0/15

In: 0.007+/-0.000 χ^2/NDF : 684315.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2152541.0/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.086 χ^2 /NDF: 1.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

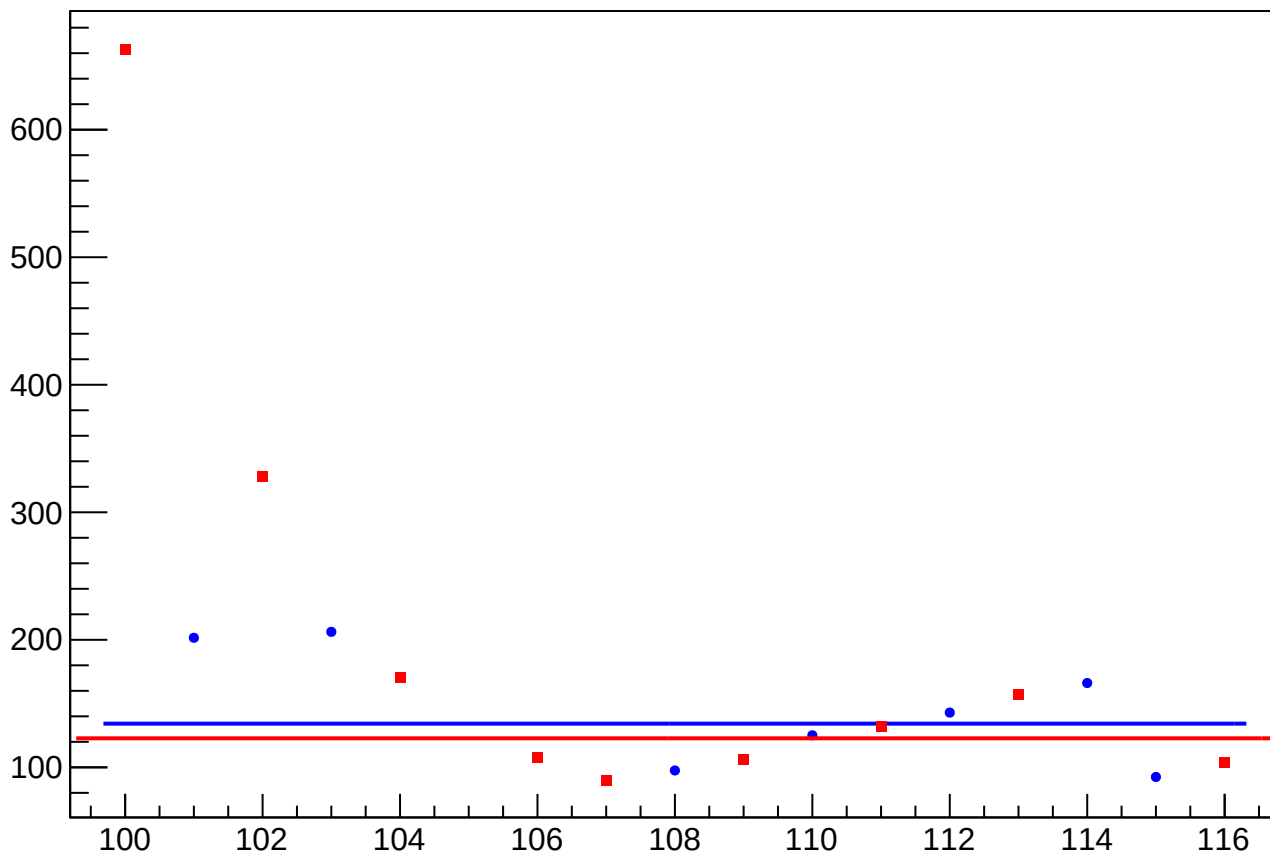
Right: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

In: -0.017 $\pm$ 0.086 χ^2 /NDF:1.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.057 χ^2 /NDF: 12.9/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.763+/-0.053 χ^2/NDF : 591838.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

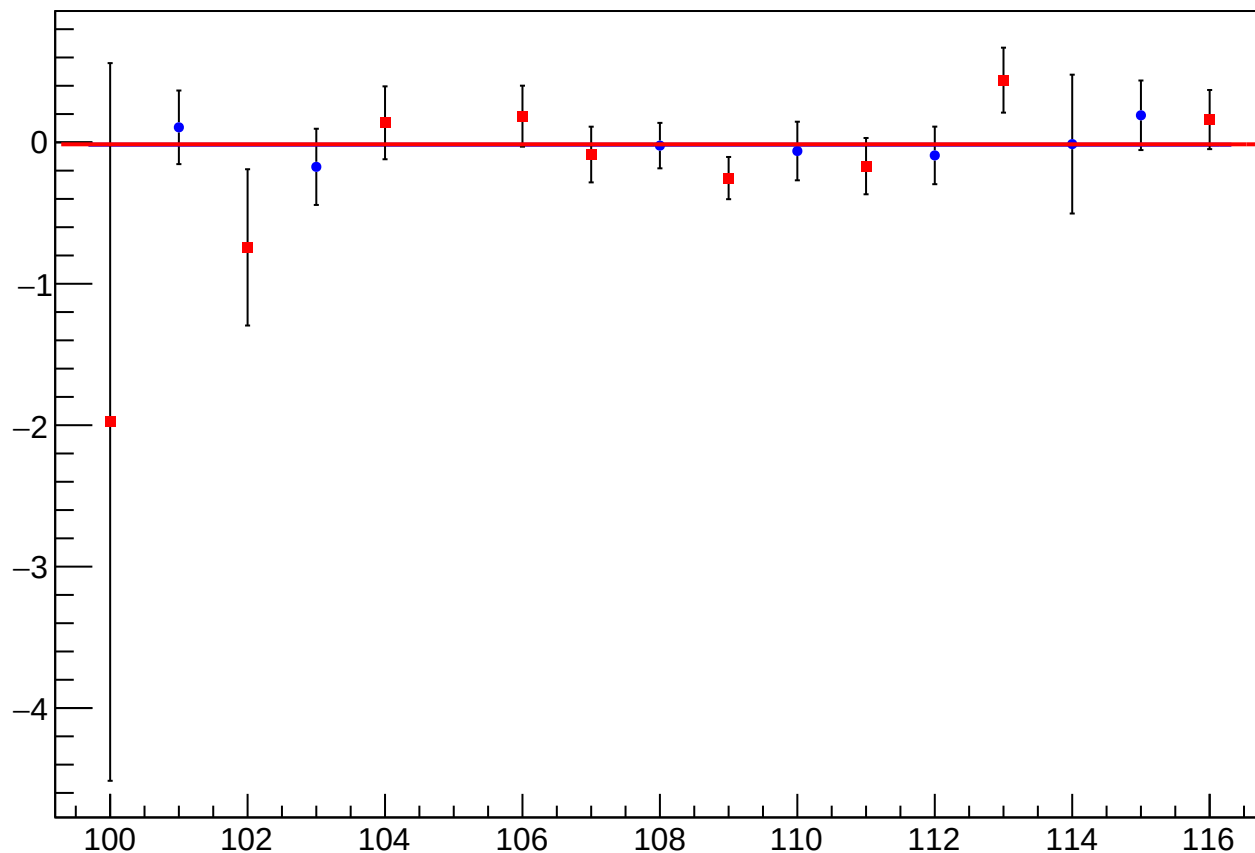
Right: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.086 $\chi^2/\text{NDF}: 1.5/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.014 ± 0.075 $\chi^2/\text{NDF}: 11.4/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

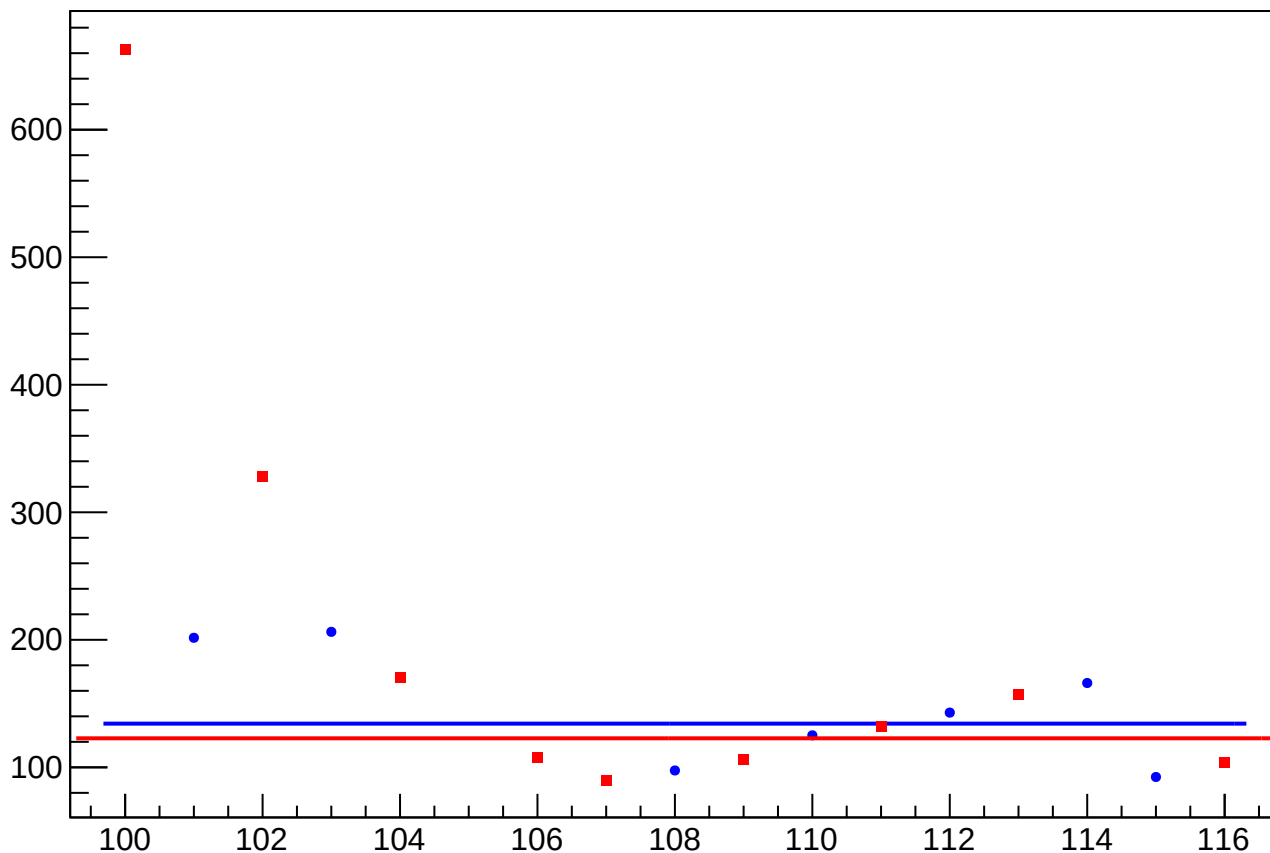
Right: -0.015 ± 0.057 $\chi^2/\text{NDF}: 12.9/15$

In: -0.017 ± 0.086 $\chi^2/\text{NDF}: 1.5/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.015 ± 0.057 $\chi^2/\text{NDF}: 12.9/15$

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.763+/-0.053 χ^2/NDF : 591838.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

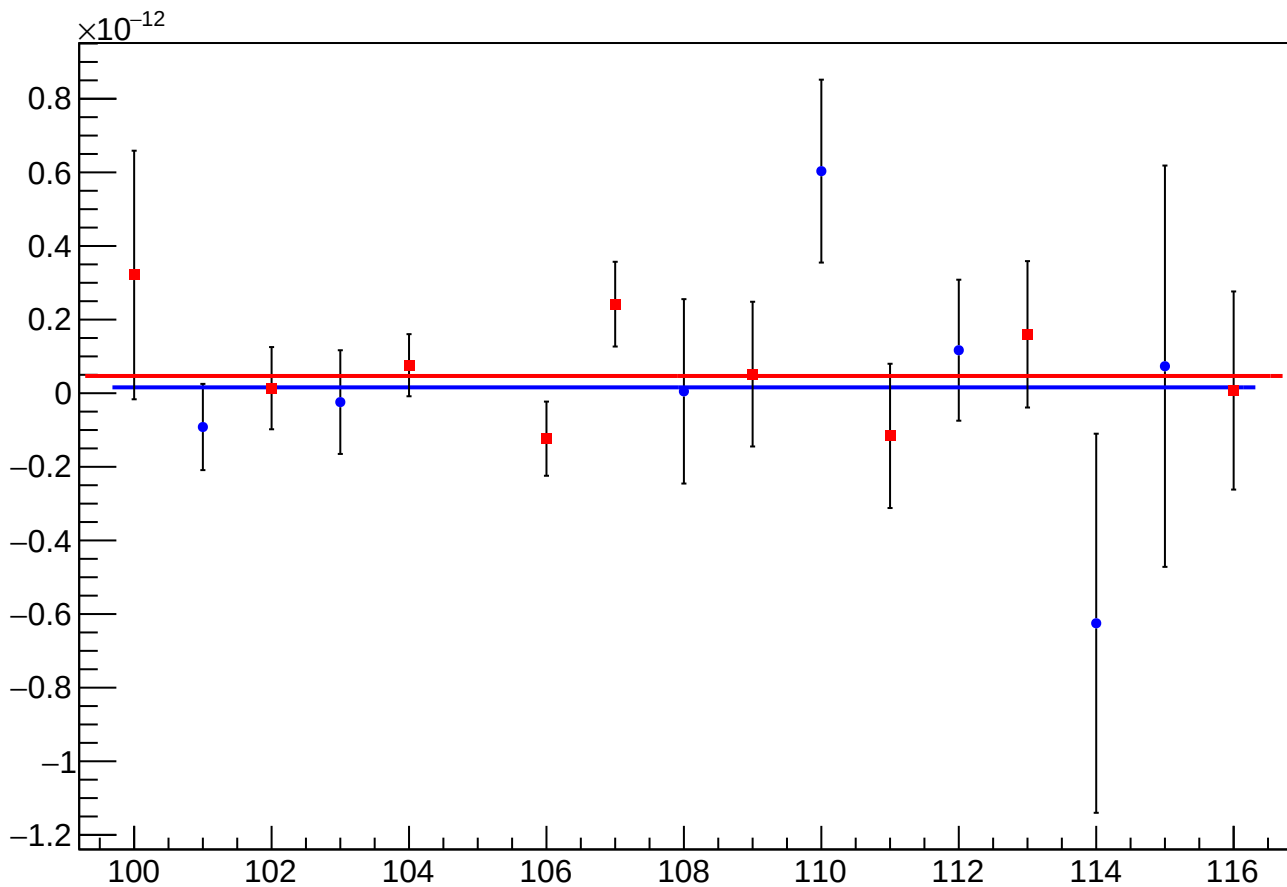
Right: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

In: 134.270+/-0.061 χ^2/NDF : 454911.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.738+/-0.040 χ^2/NDF : 1067101.7/15

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 : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

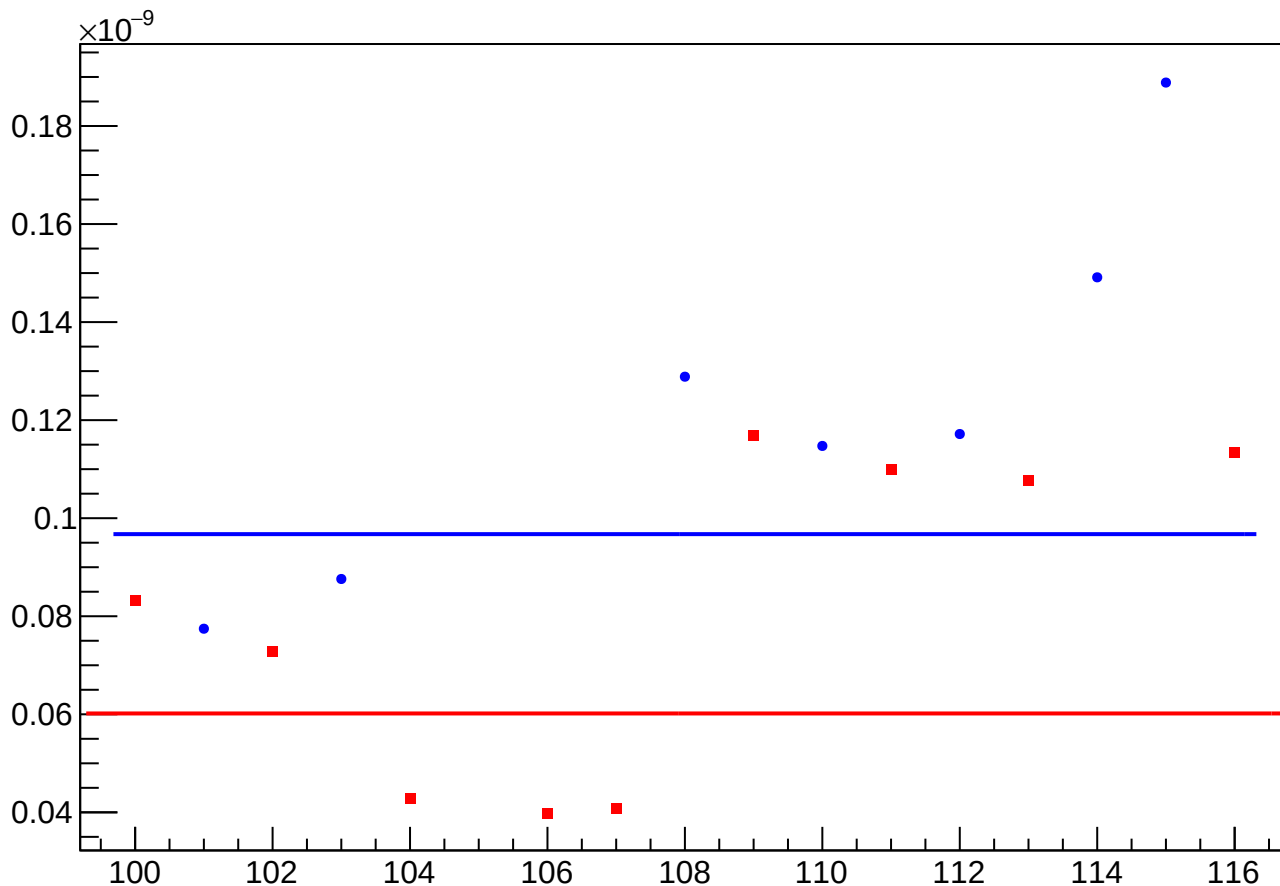
Right: 0.000+/-0.000 χ^2/NDF : 16.1/15

In: 0.000+/-0.000 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/15

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 : 206570.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745869.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

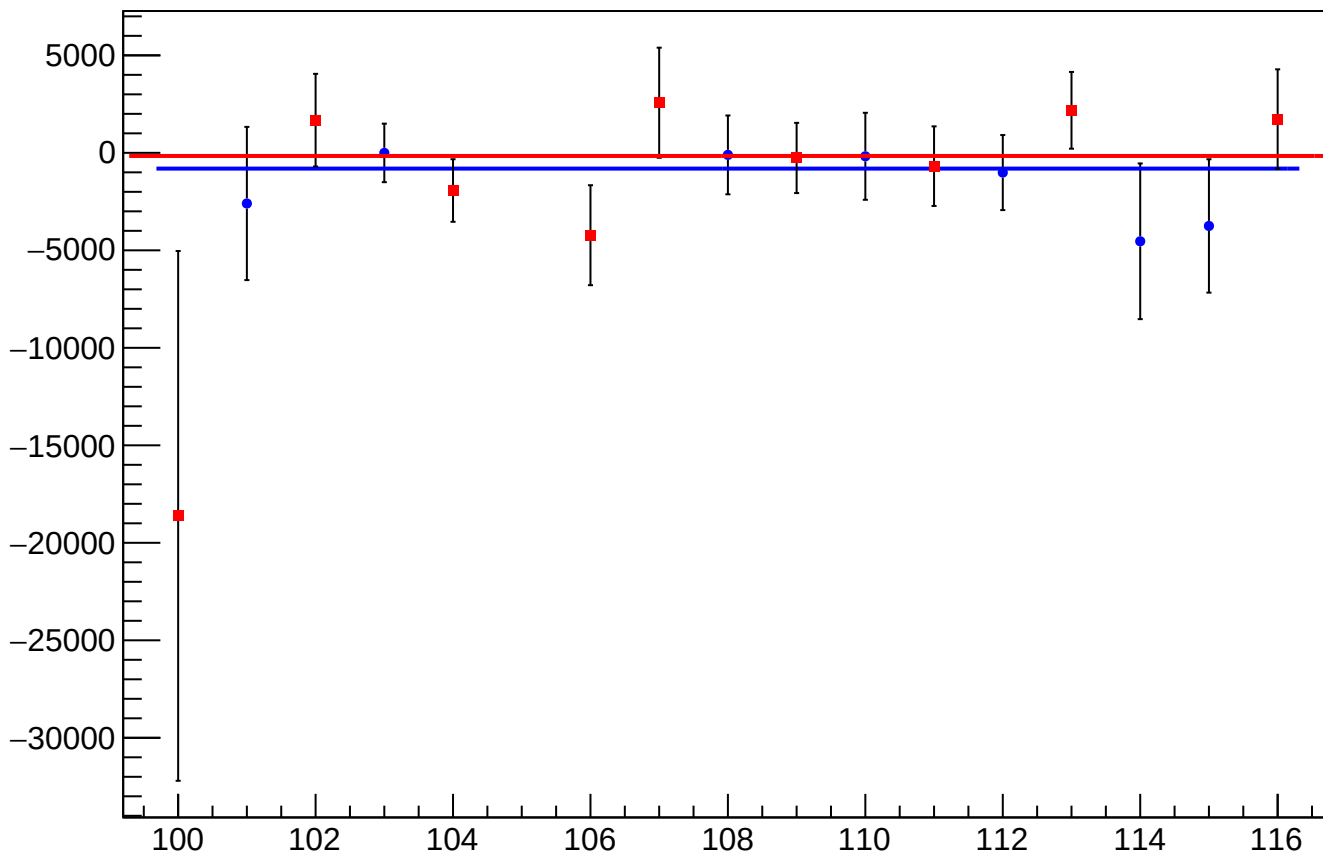
Right: 0.000+/-0.000 χ^2/NDF : 1319441.0/15

In: 0.000+/-0.000 χ^2/NDF : 206570.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1319441.0/15

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -808.136+/-853.407 χ^2 /NDF: 2.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -159.902+/-743.470 χ^2 /NDF: 9.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

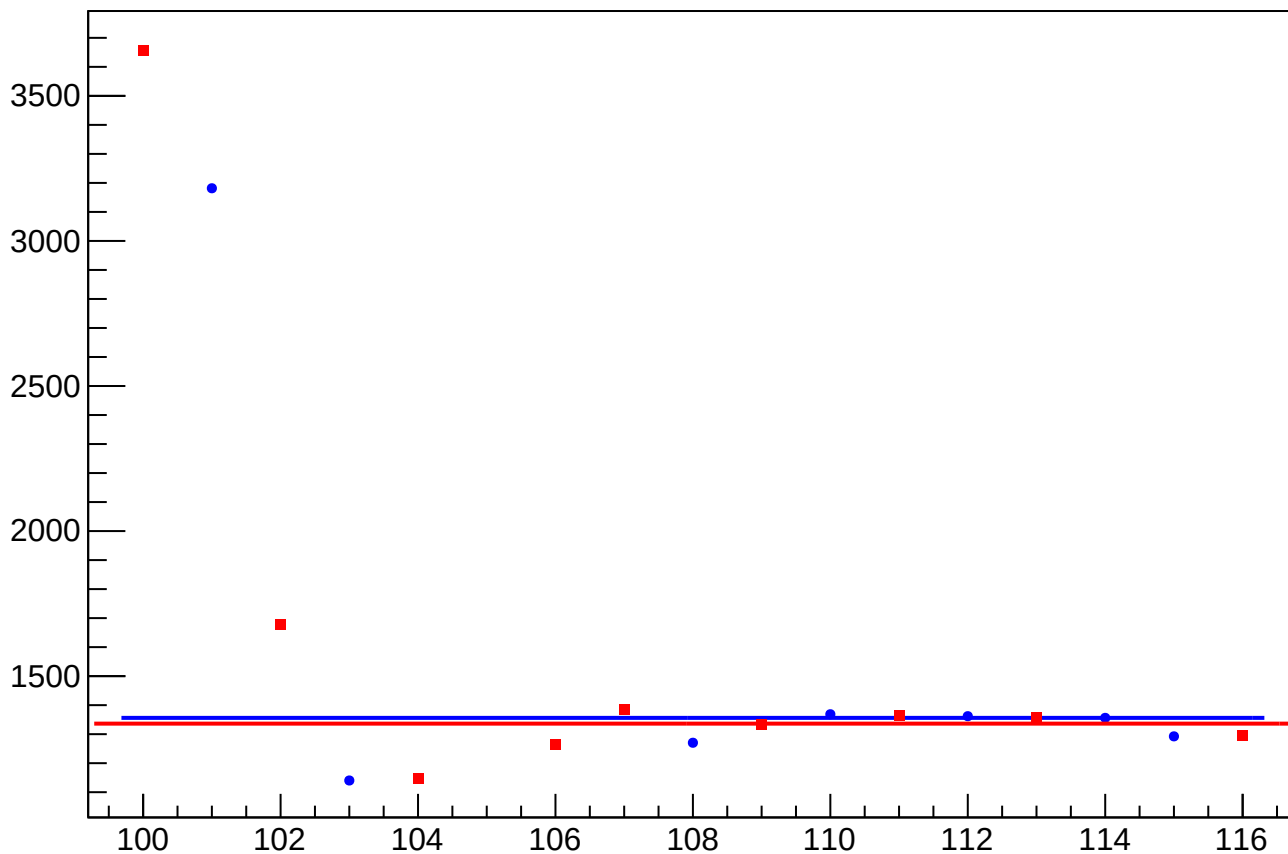
Right: -439.602+/-560.578 χ^2 /NDF: 11.8/15

In: -808.136+/-853.407 χ^2 /NDF:2.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -439.602+/-560.578 χ^2 /NDF: 11.8/15

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1356.171+/-0.603 χ^2/NDF : 477547.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.314+/-0.526 χ^2/NDF : 130057.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

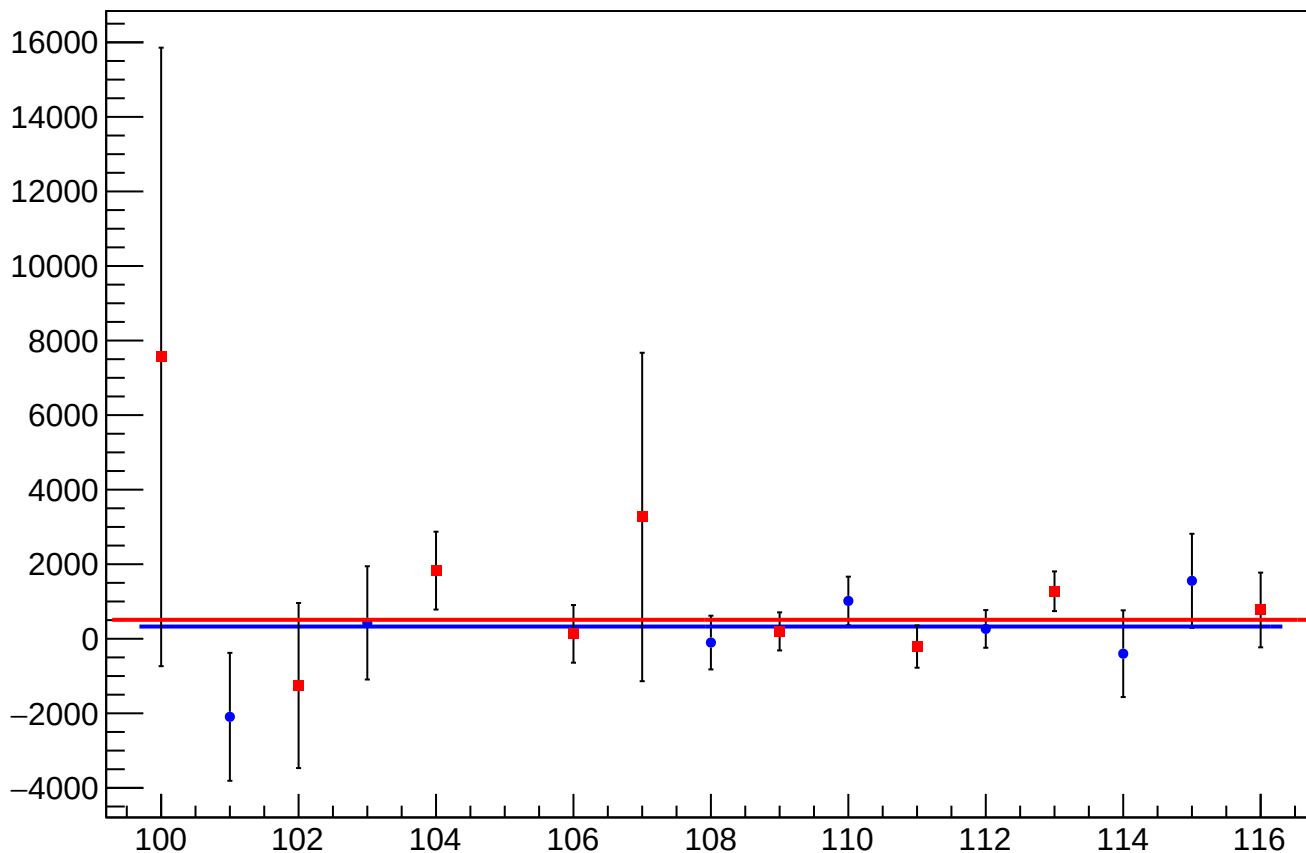
Right: 1344.882+/-0.396 χ^2/NDF : 608220.5/15

In: 1356.171+/-0.603 χ^2/NDF : 477547.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.882+/-0.396 χ^2/NDF : 608220.5/15

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 327.755+/-311.007 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.939+/-264.319 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

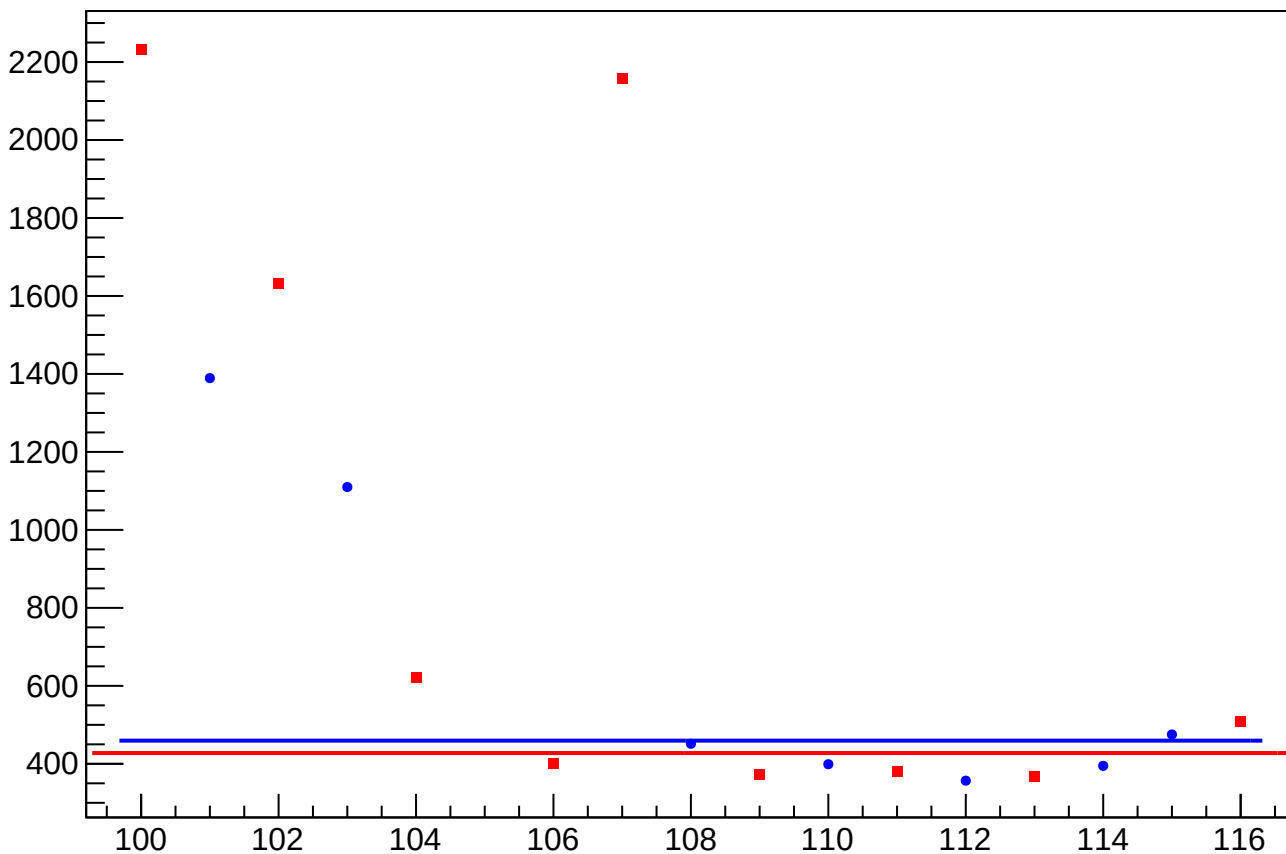
Right: 432.954+/-201.407 χ^2/NDF : 12.7/15

In: 327.755+/-311.007 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.954+/-201.407 χ^2/NDF : 12.7/15

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 459.464+/-0.220 χ^2/NDF : 1060253.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.631+/-0.187 χ^2/NDF : 1141939.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

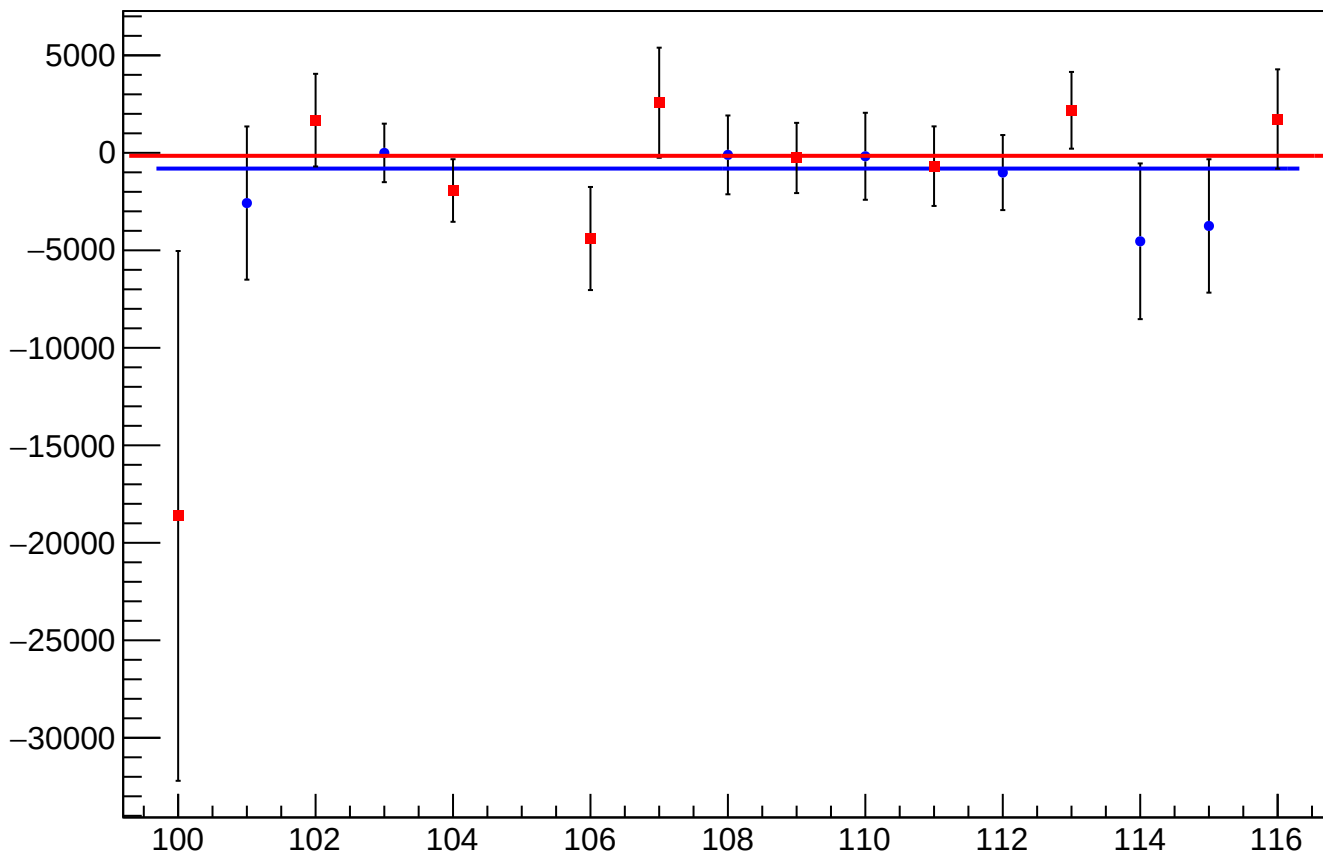
Right: 440.981+/-0.142 χ^2/NDF : 2214357.8/15

In: 459.464+/-0.220 χ^2/NDF : 1060253.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.981+/-0.142 χ^2/NDF : 2214357.8/15

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.882+/-745.348 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

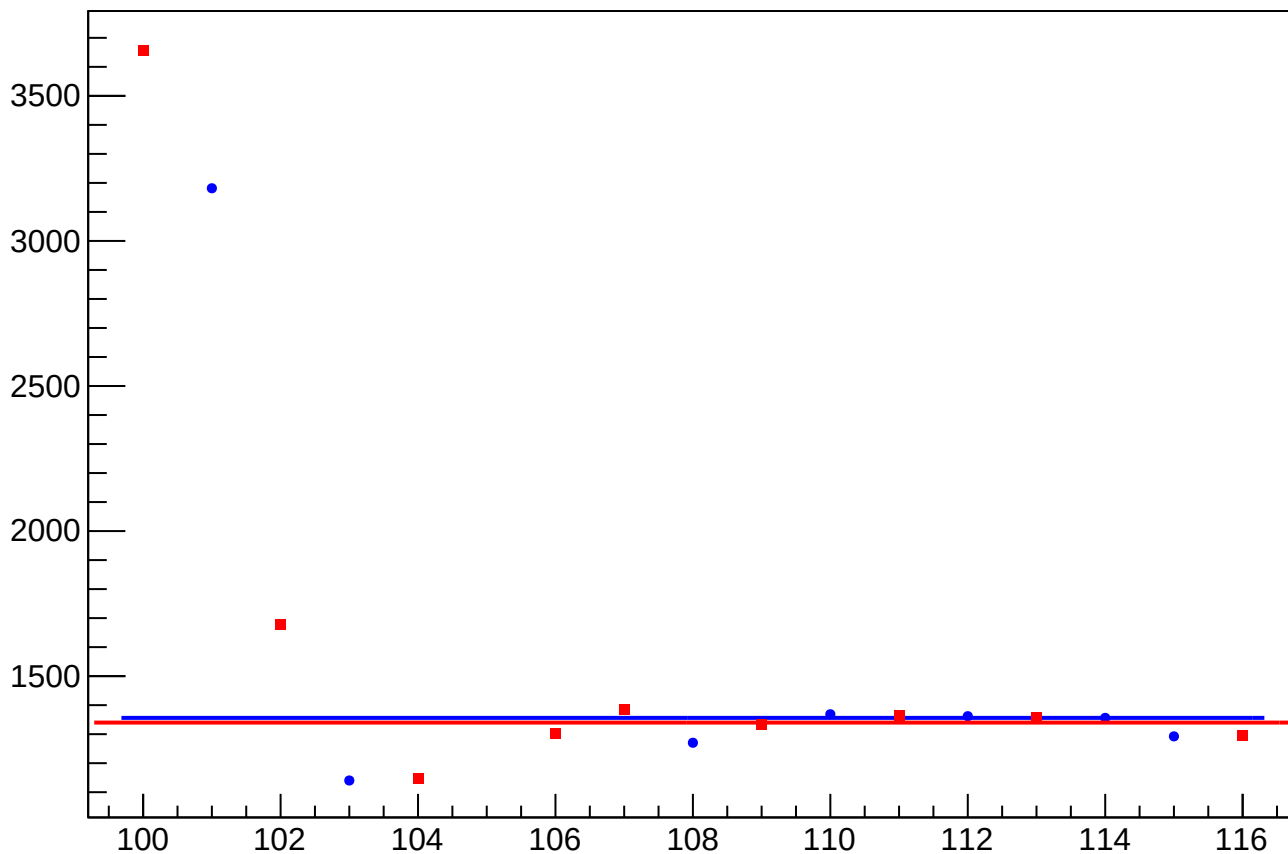
Right: -435.924+/-561.382 χ^2/NDF : 11.8/15

In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.924+/-561.382 χ^2/NDF : 11.8/15

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

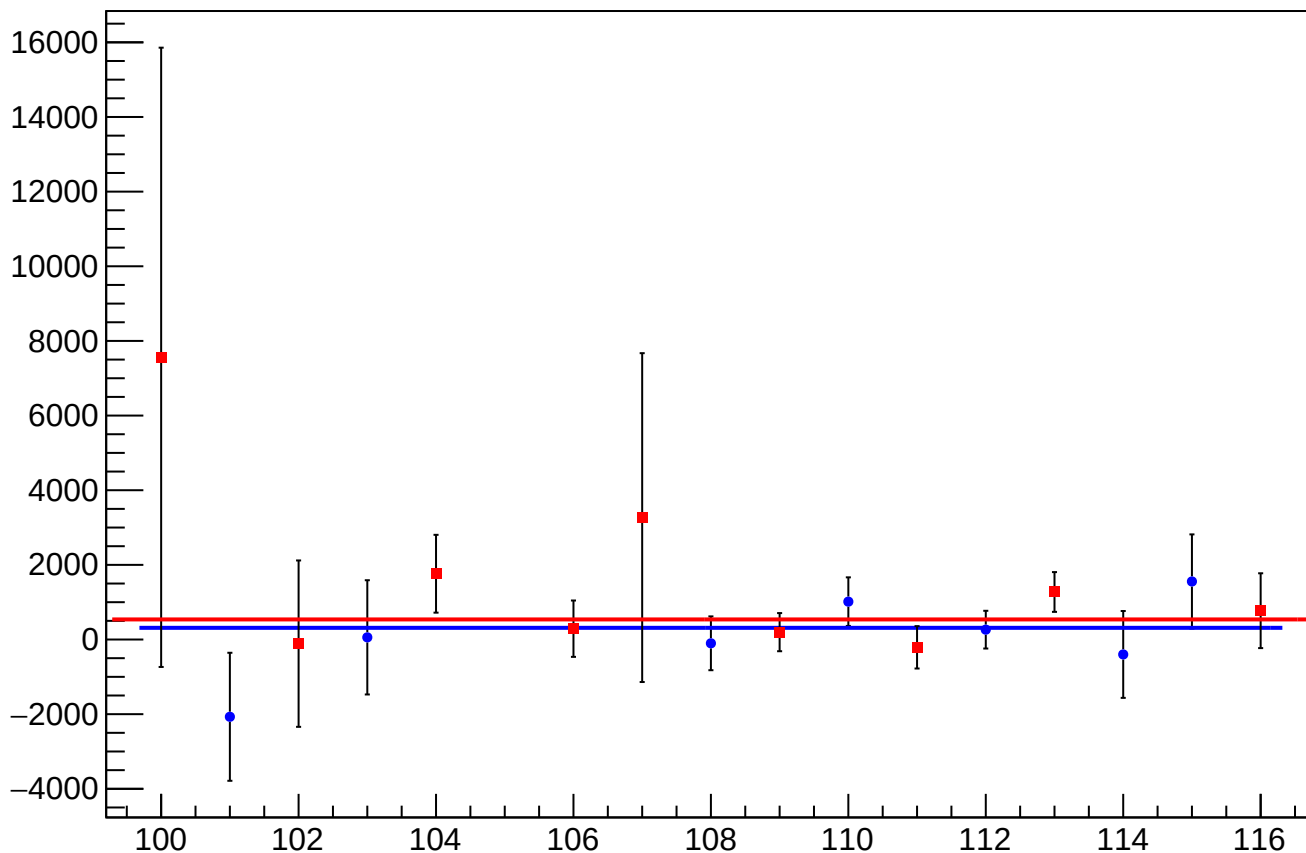
Right: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.313+/-263.562 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

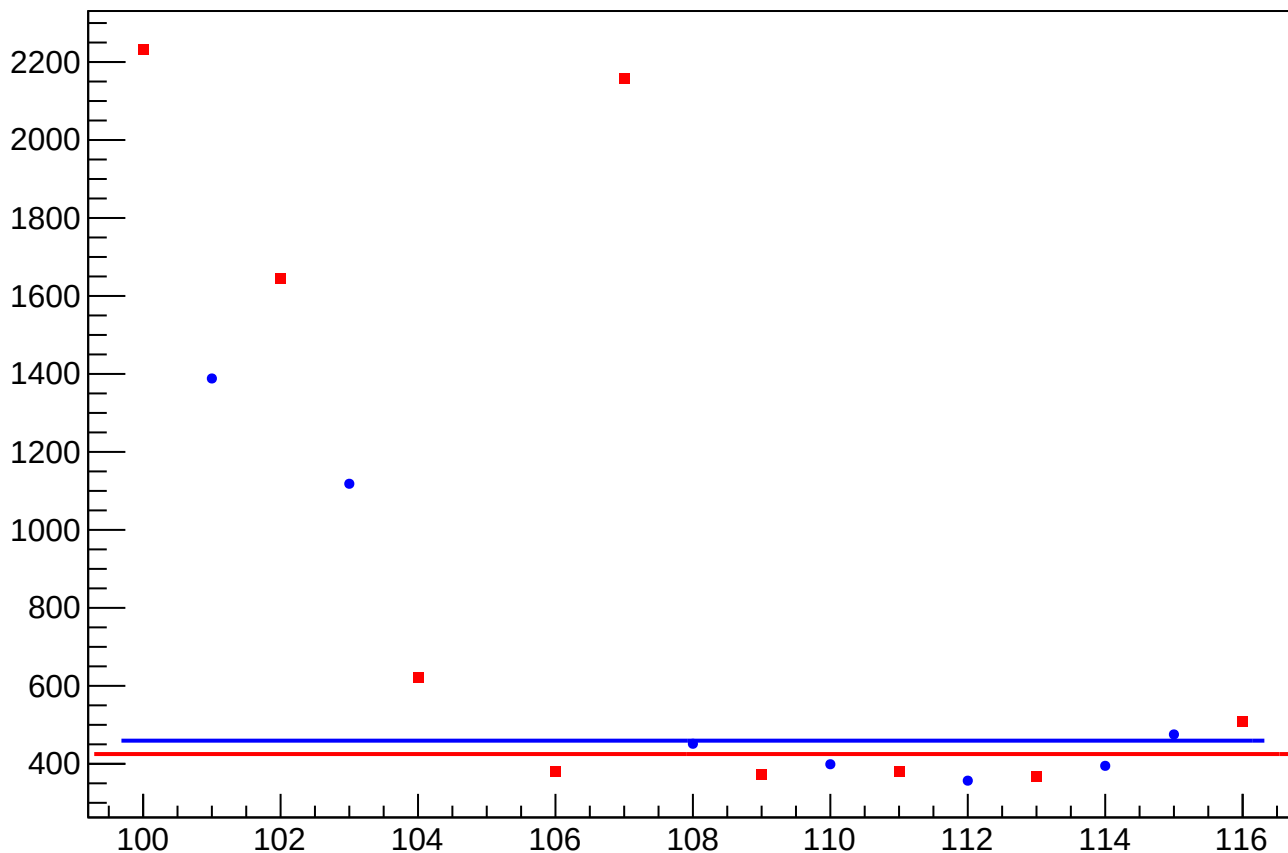
Right: 444.257+/-201.096 χ^2/NDF : 11.9/15

In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.257+/-201.096 χ^2/NDF : 11.9/15

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

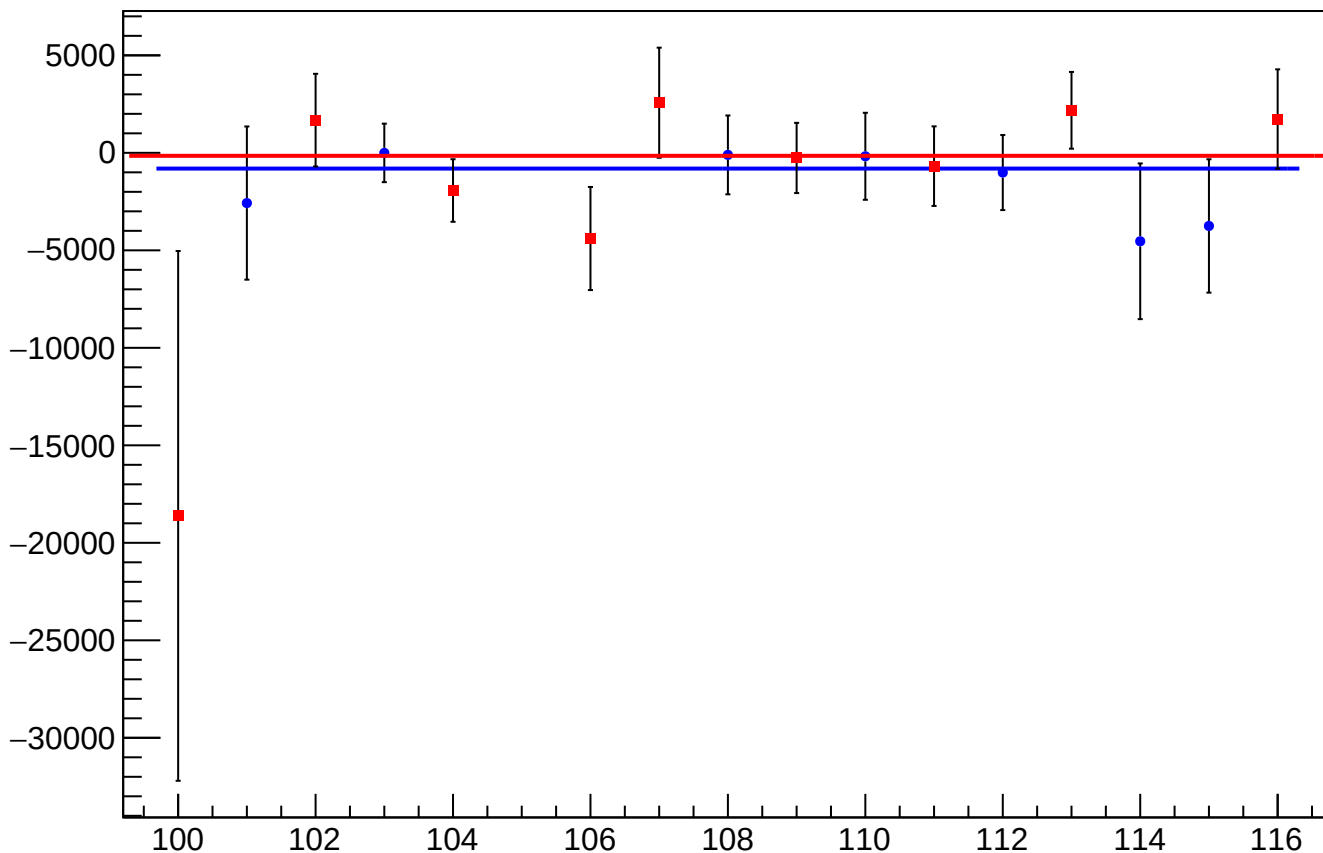
Right: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.882+/-745.348 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

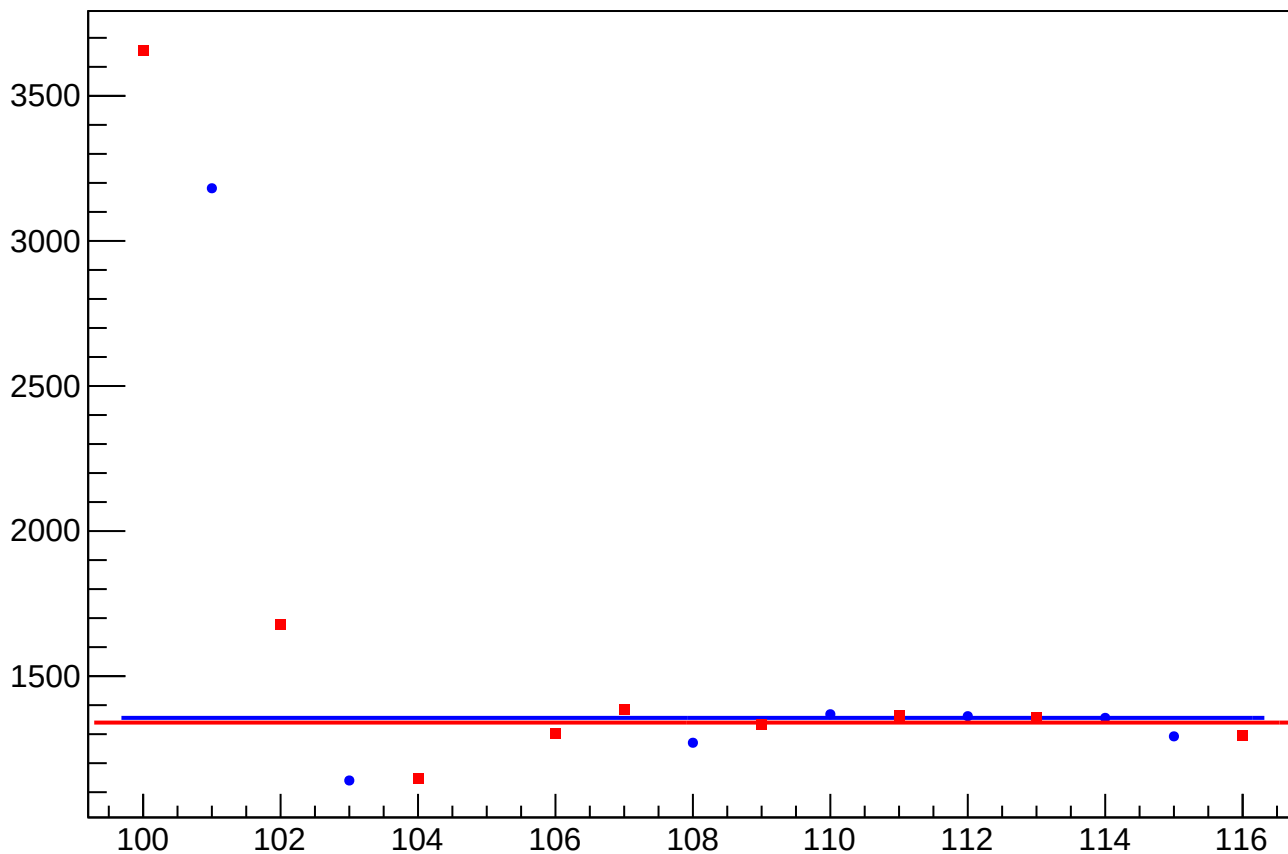
Right: -435.924+/-561.382 χ^2/NDF : 11.8/15

In: -806.985+/-853.407 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.924+/-561.382 χ^2/NDF : 11.8/15

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

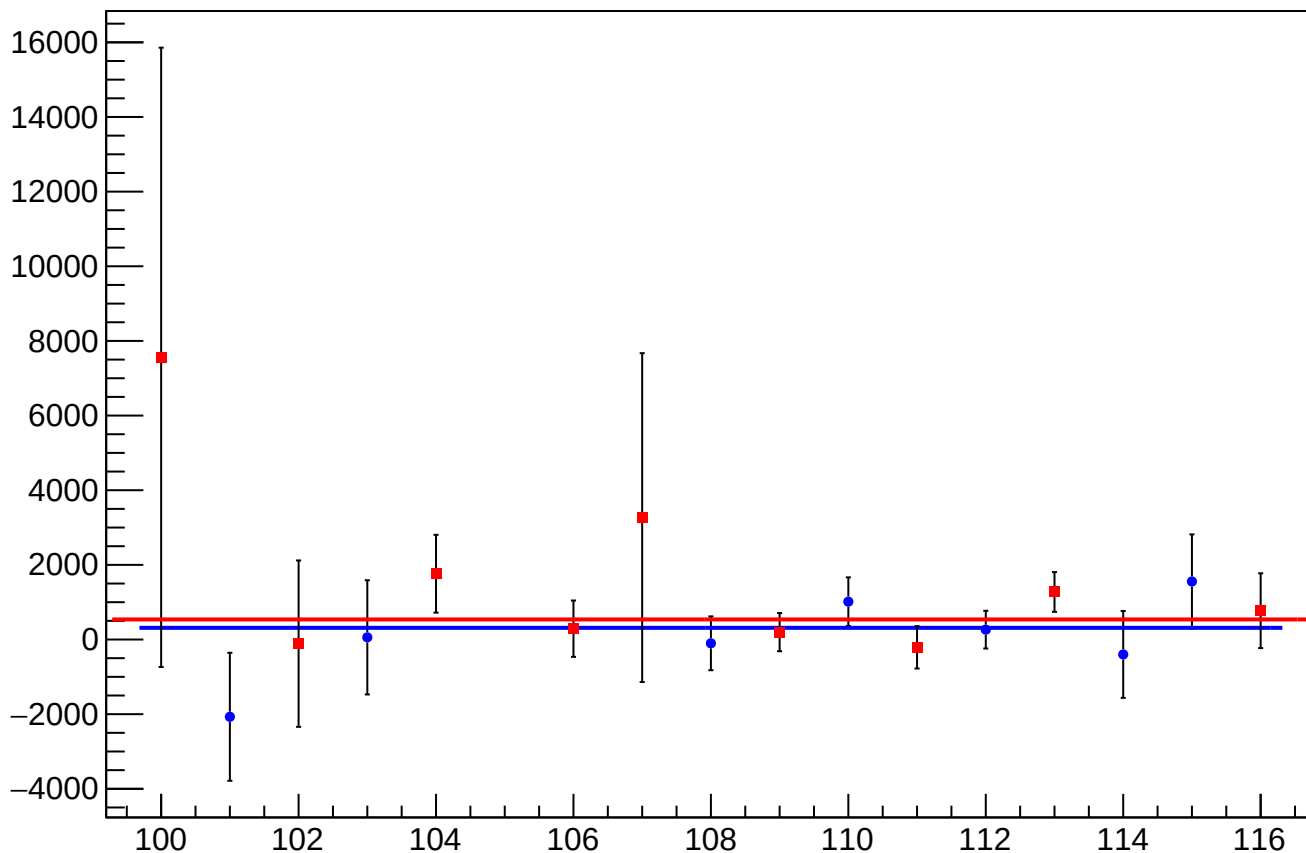
Right: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

In: 1356.171+/-0.603 χ^2/NDF : 477549.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.956+/-0.397 χ^2/NDF : 606639.6/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.313+/-263.562 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

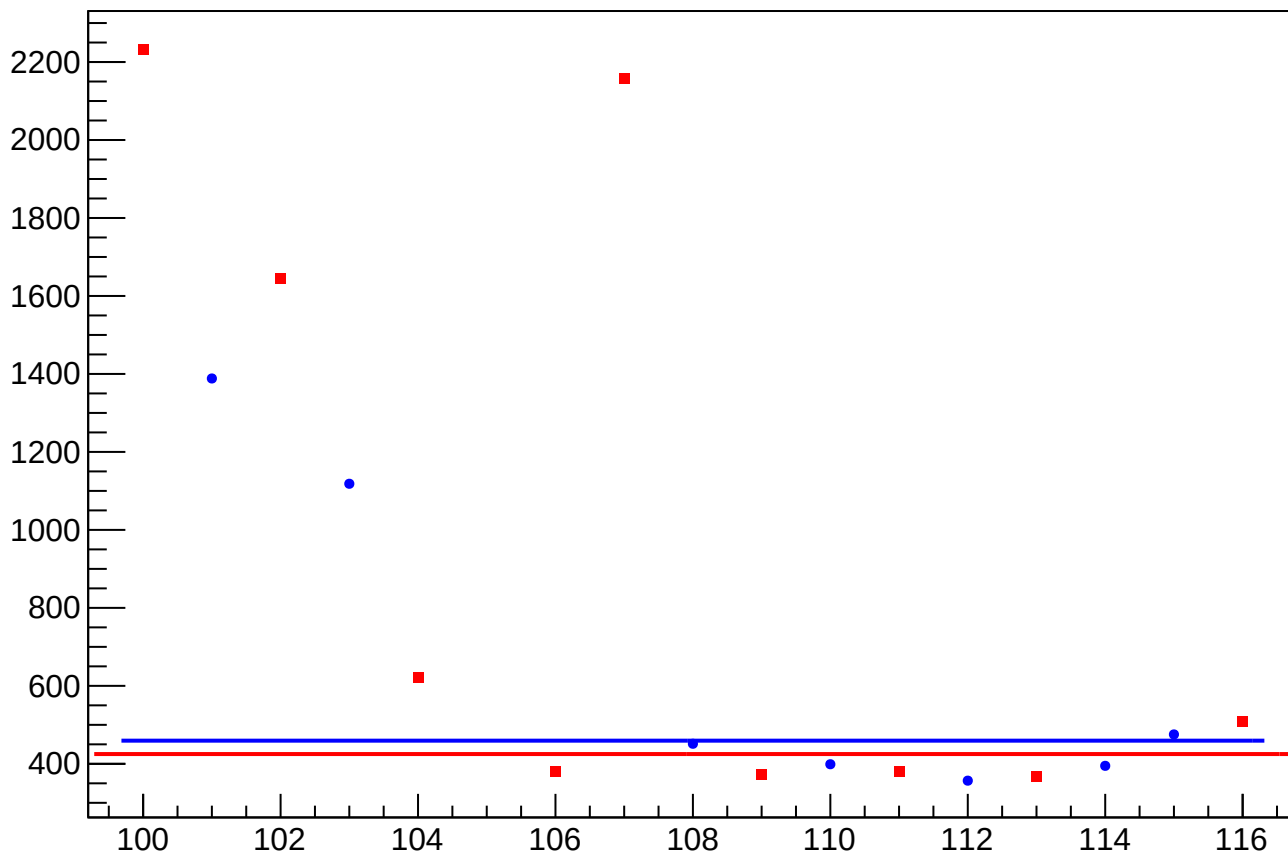
Right: 444.257+/-201.096 χ^2/NDF : 11.9/15

In: 313.213+/-311.098 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.257+/-201.096 χ^2/NDF : 11.9/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

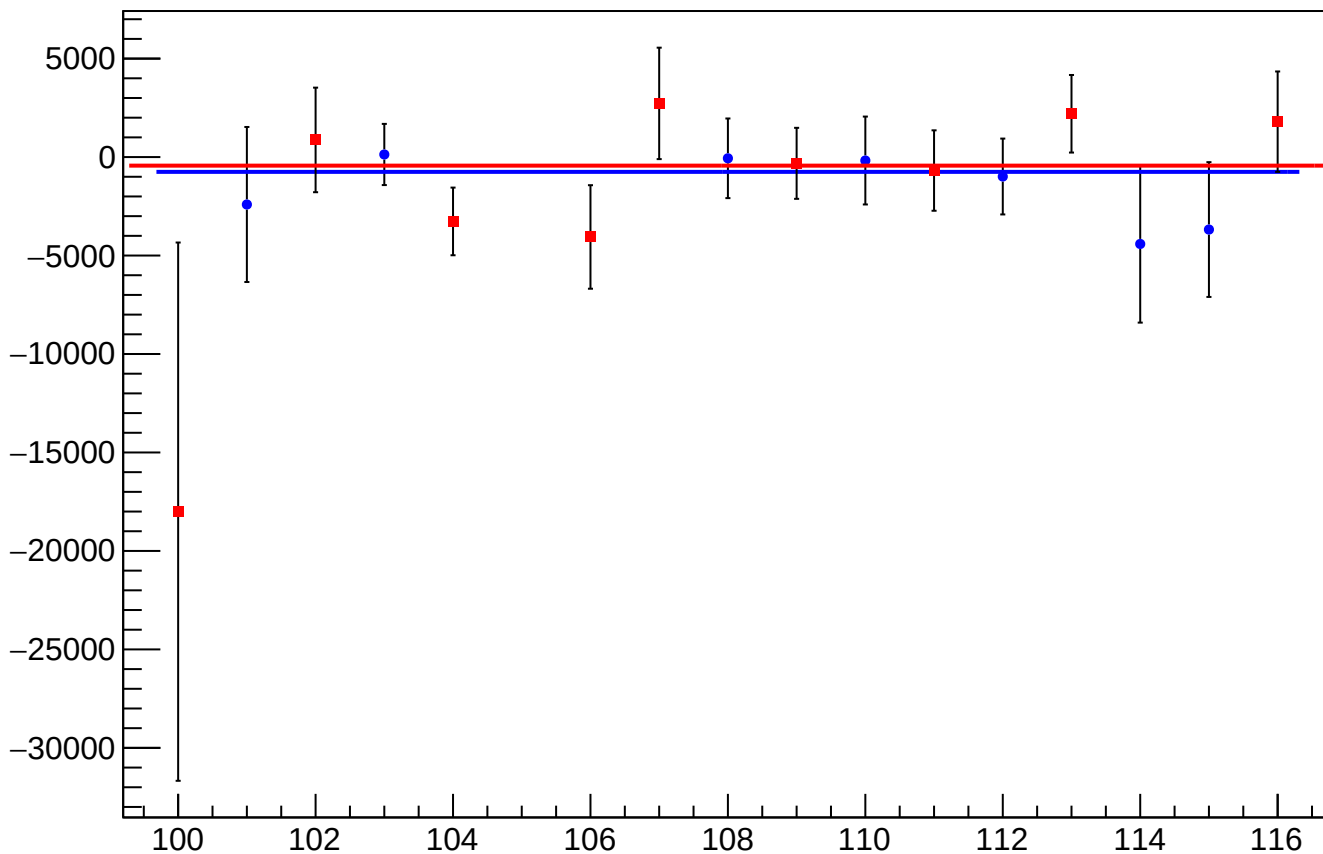
Right: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

In: 459.425+/-0.220 χ^2/NDF : 1063858.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.432+/-0.142 χ^2/NDF : 2231741.2/15

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -751.186+/-863.159 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.698+/-763.627 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

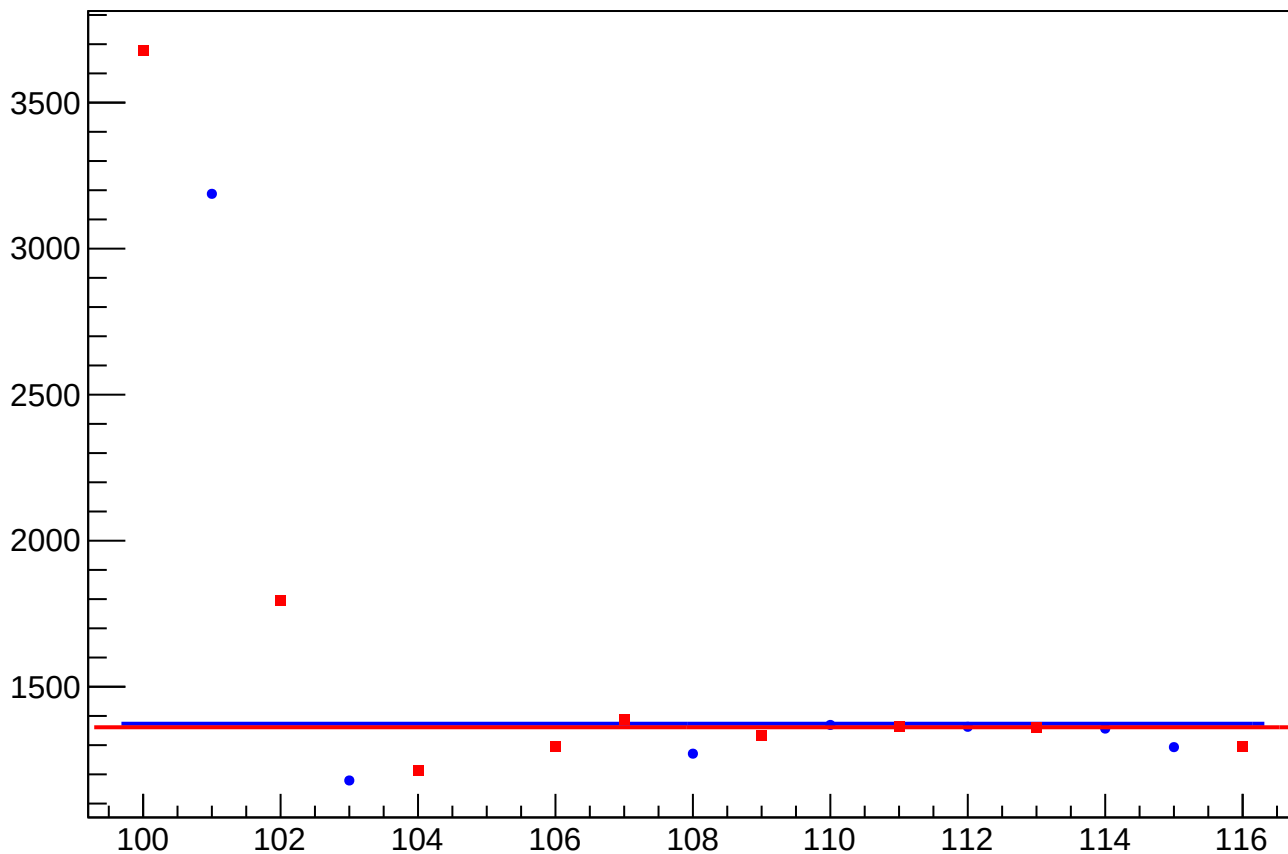
Right: -573.650+/-571.933 χ^2/NDF : 12.7/15

In: -751.186+/-863.159 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.650+/-571.933 χ^2/NDF : 12.7/15

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1373.310+/-0.610 χ^2/NDF : 462551.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

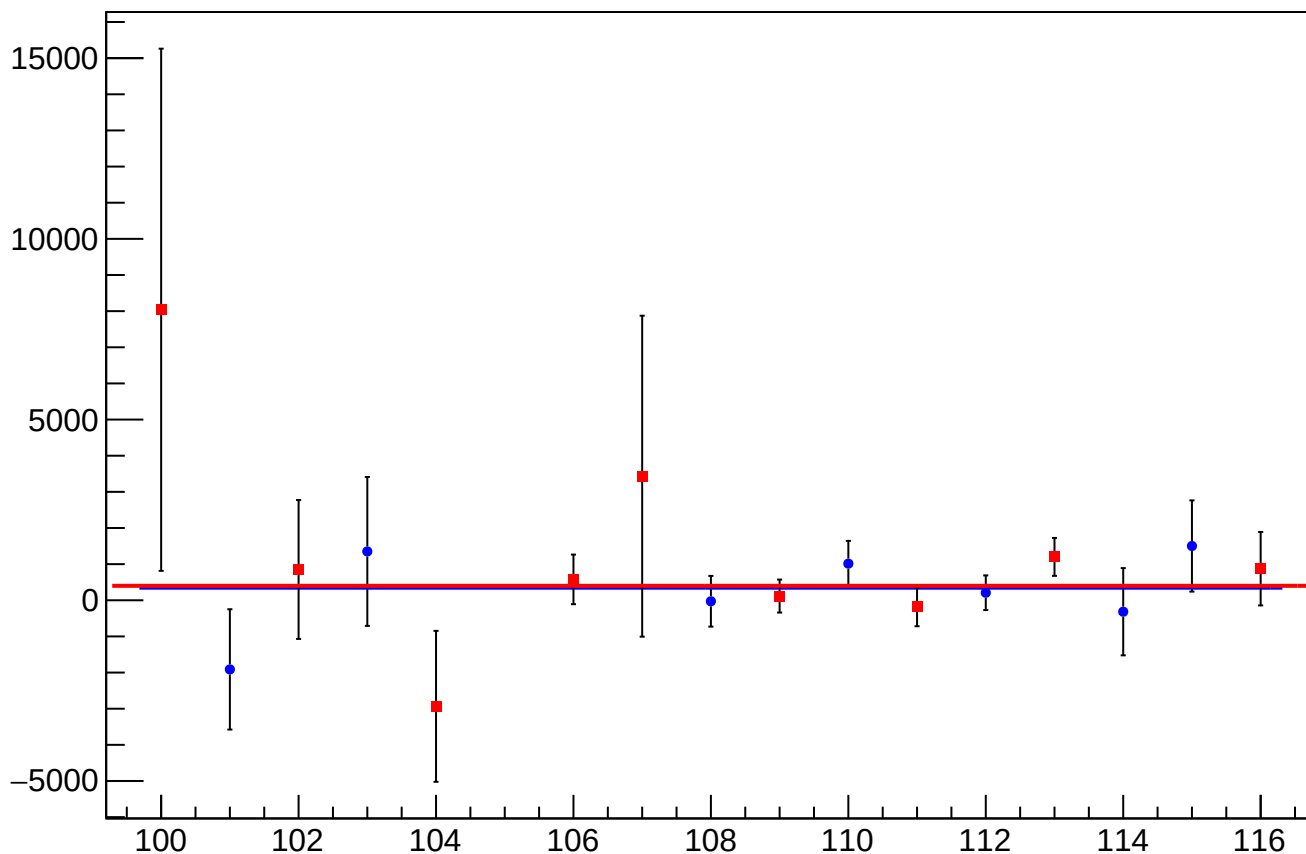
Right: 1366.534+/-0.404 χ^2/NDF : 591477.2/15

In: 1373.310+/-0.610 χ^2/NDF : 462551.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.534+/-0.404 χ^2/NDF : 591477.2/15

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.447+/-304.083 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.949+/-253.161 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

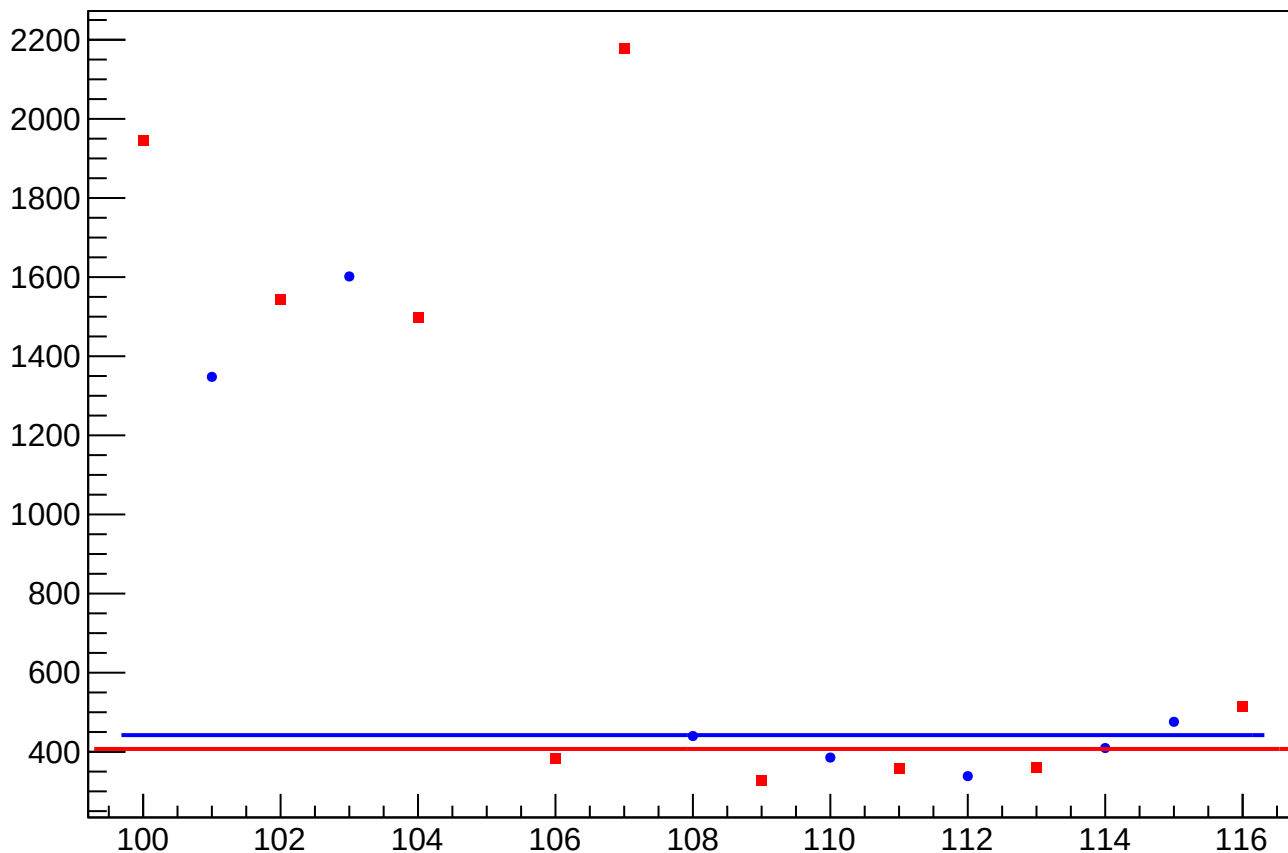
Right: 378.865+/-194.559 χ^2/NDF : 13.1/15

In: 348.447+/-304.083 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.865+/-194.559 χ^2/NDF : 13.1/15

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.176+/-0.215 χ^2/NDF : 1337957.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.208+/-0.179 χ^2/NDF : 1773528.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

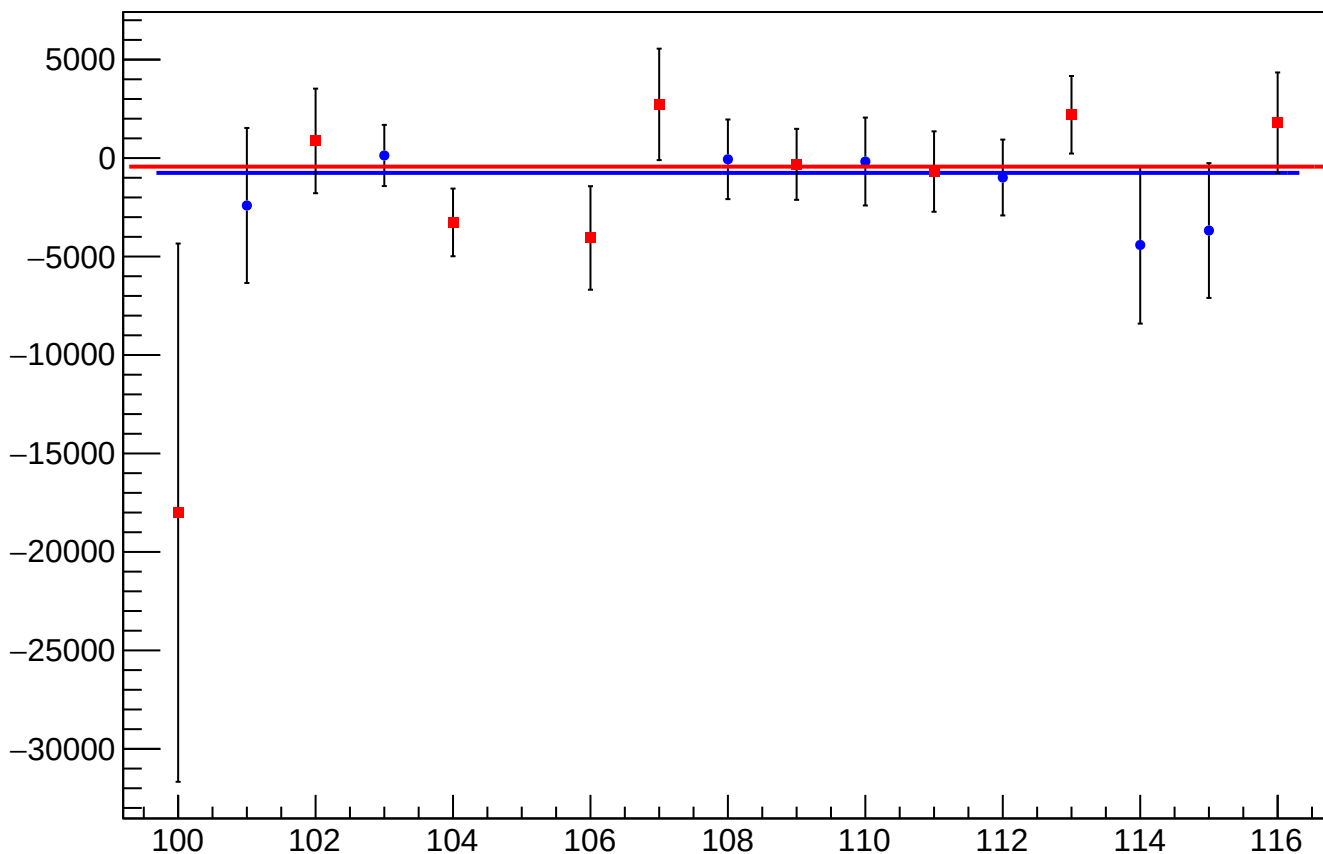
Right: 421.523+/-0.138 χ^2/NDF : 3127106.5/15

In: 442.176+/-0.215 χ^2/NDF : 1337957.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.523+/-0.138 χ^2/NDF : 3127106.5/15

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -751.183+/-863.159 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.698+/-763.627 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

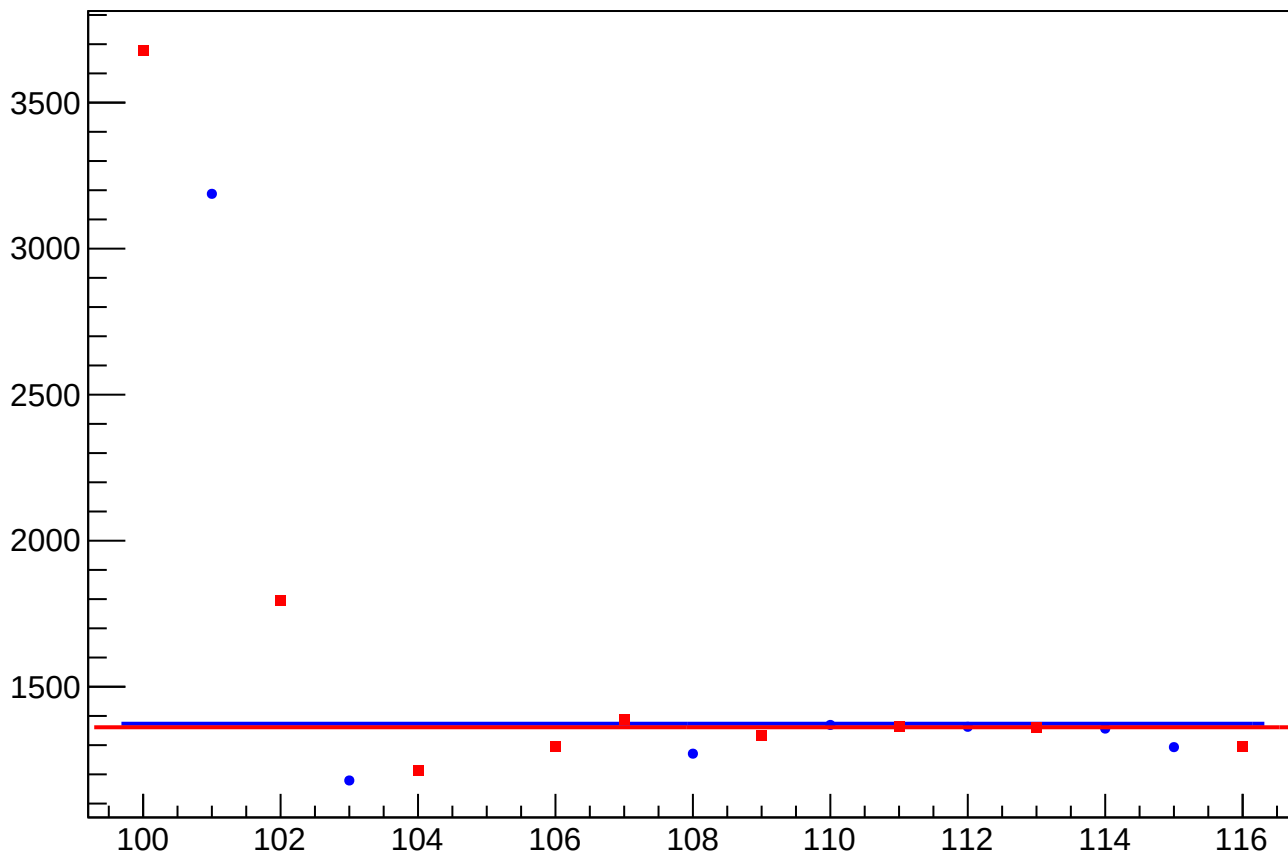
Right: -573.649+/-571.934 χ^2/NDF : 12.7/15

In: -751.183+/-863.159 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.649+/-571.934 χ^2/NDF : 12.7/15

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1373.310+/-0.610 χ^2/NDF : 462551.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

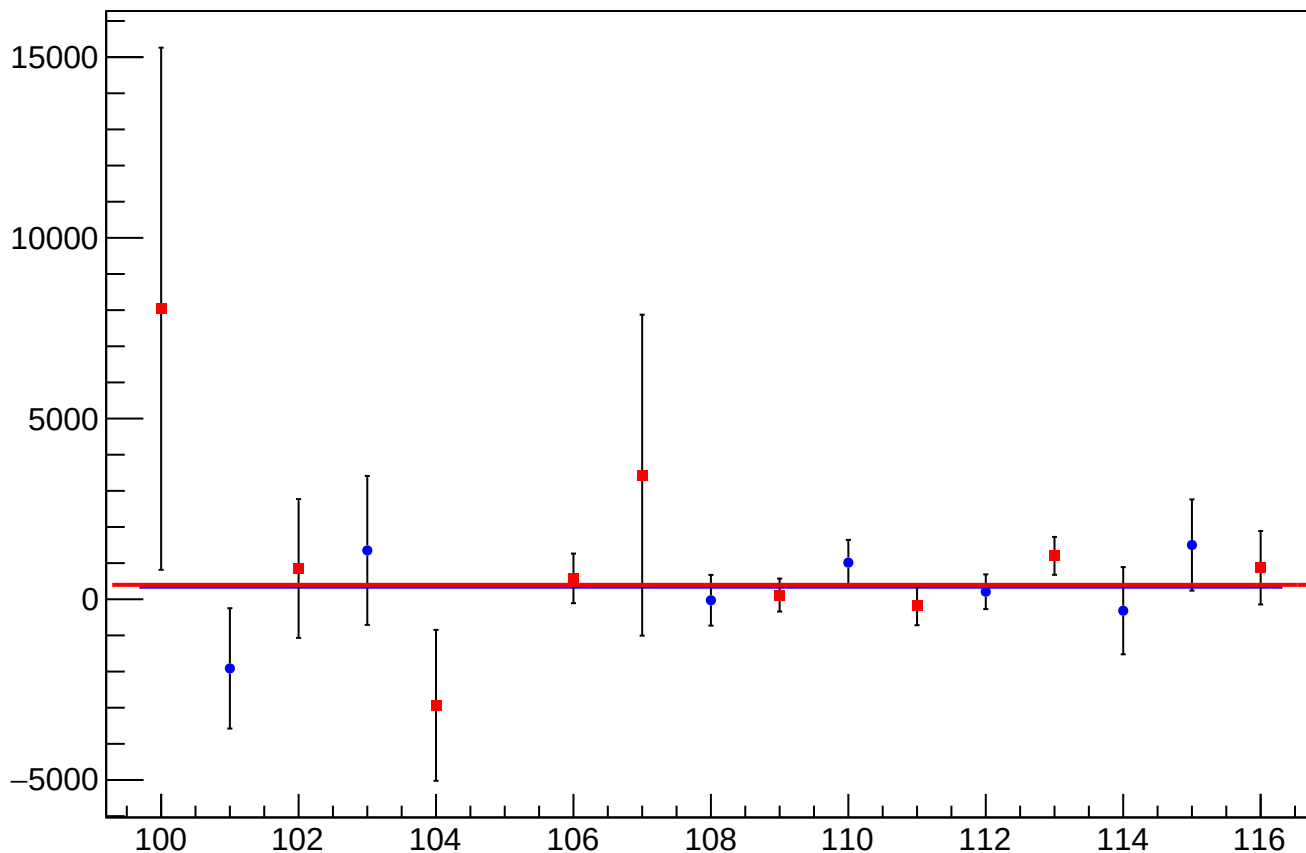
Right: 1366.534+/-0.404 χ^2/NDF : 591477.1/15

In: 1373.310+/-0.610 χ^2/NDF : 462551.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.534+/-0.404 χ^2/NDF : 591477.1/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.446 $\pm$ 304.081 χ^2 /NDF: 4.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 399.947 $\pm$ 253.160 χ^2 /NDF: 8.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

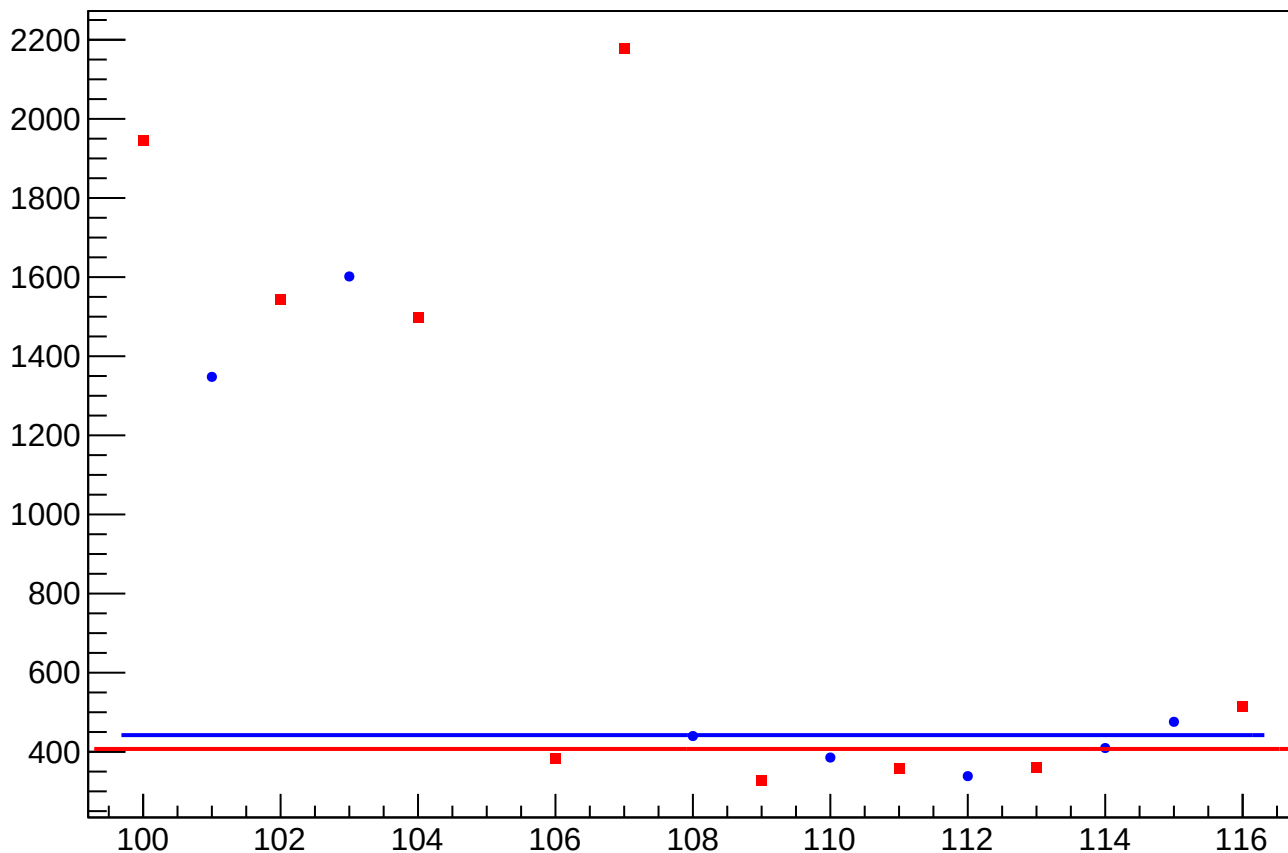
Right: 378.864 $\pm$ 194.558 χ^2 /NDF: 13.1/15

In: 348.446 $\pm$ 304.081 χ^2 /NDF:4.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 378.864 $\pm$ 194.558 χ^2 /NDF: 13.1/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.174+/-0.215 χ^2/NDF : 1337960.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.206+/-0.179 χ^2/NDF : 1773535.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

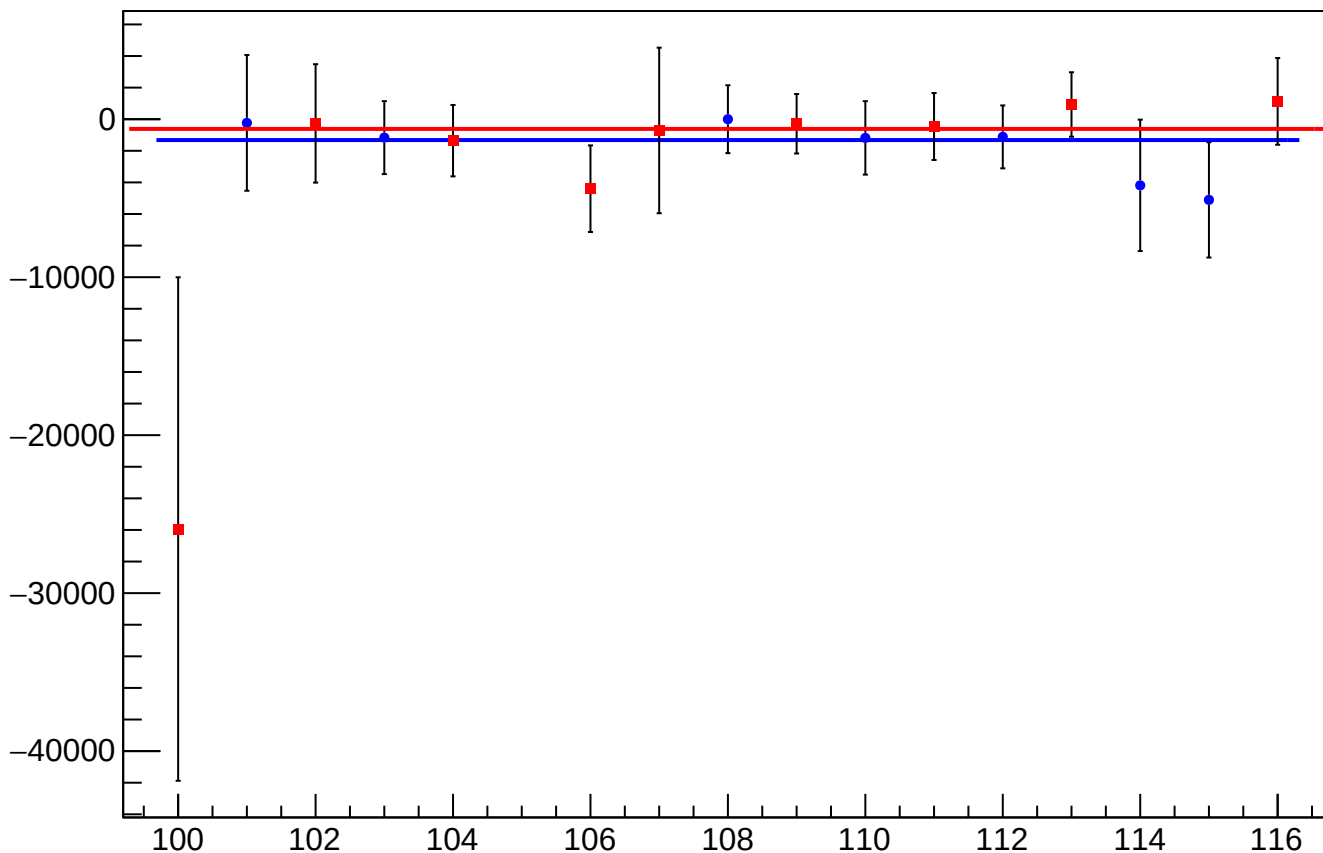
Right: 421.521+/-0.138 χ^2/NDF : 3127116.5/15

In: 442.174+/-0.215 χ^2/NDF : 1337960.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.521+/-0.138 χ^2/NDF : 3127116.5/15

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1319.441+/-986.027 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -613.428+/-870.812 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

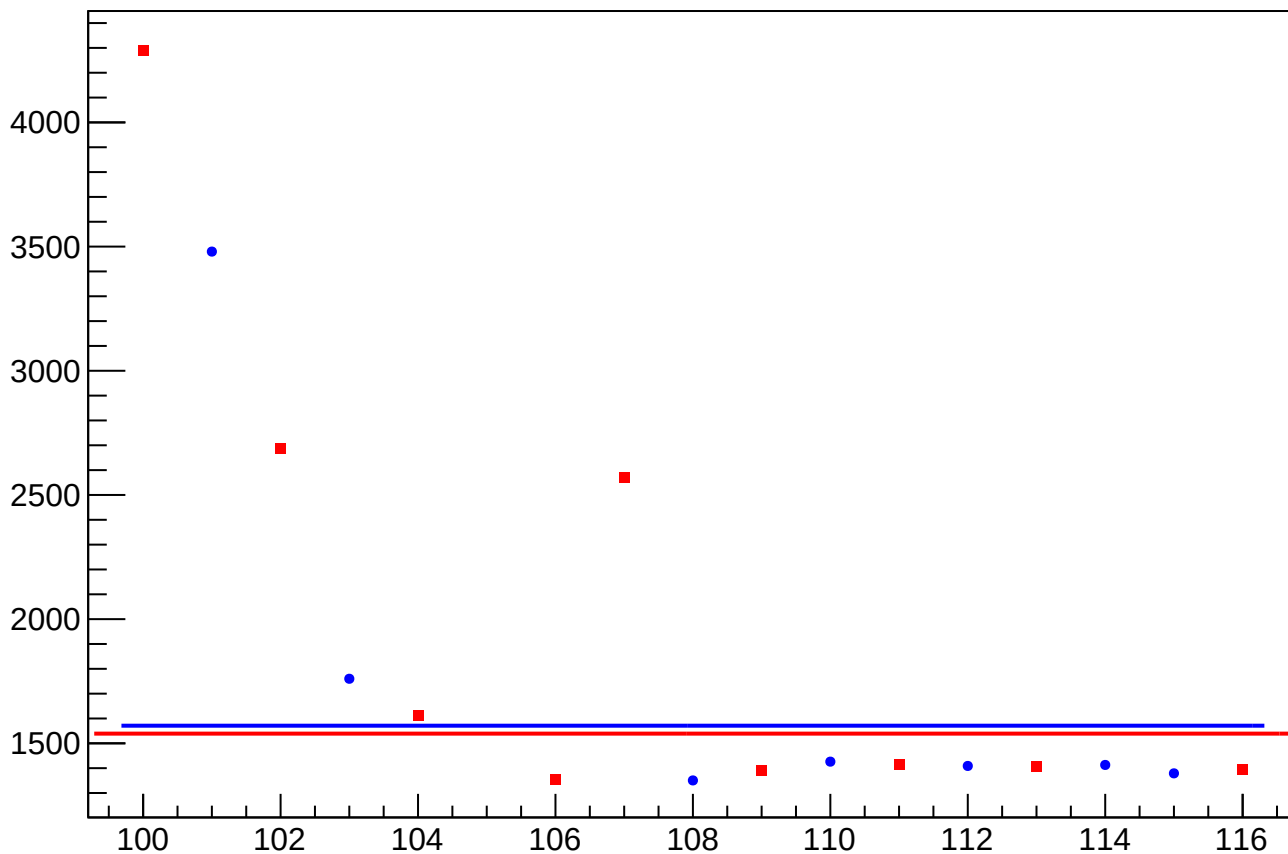
Right: -922.795+/-652.709 χ^2/NDF : 7.9/15

In: -1319.441+/-986.027 χ^2/NDF :2.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -922.795+/-652.709 χ^2/NDF : 7.9/15

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1570.979+/-0.697 χ^2/NDF : 458807.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1539.053+/-0.616 χ^2/NDF : 368432.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

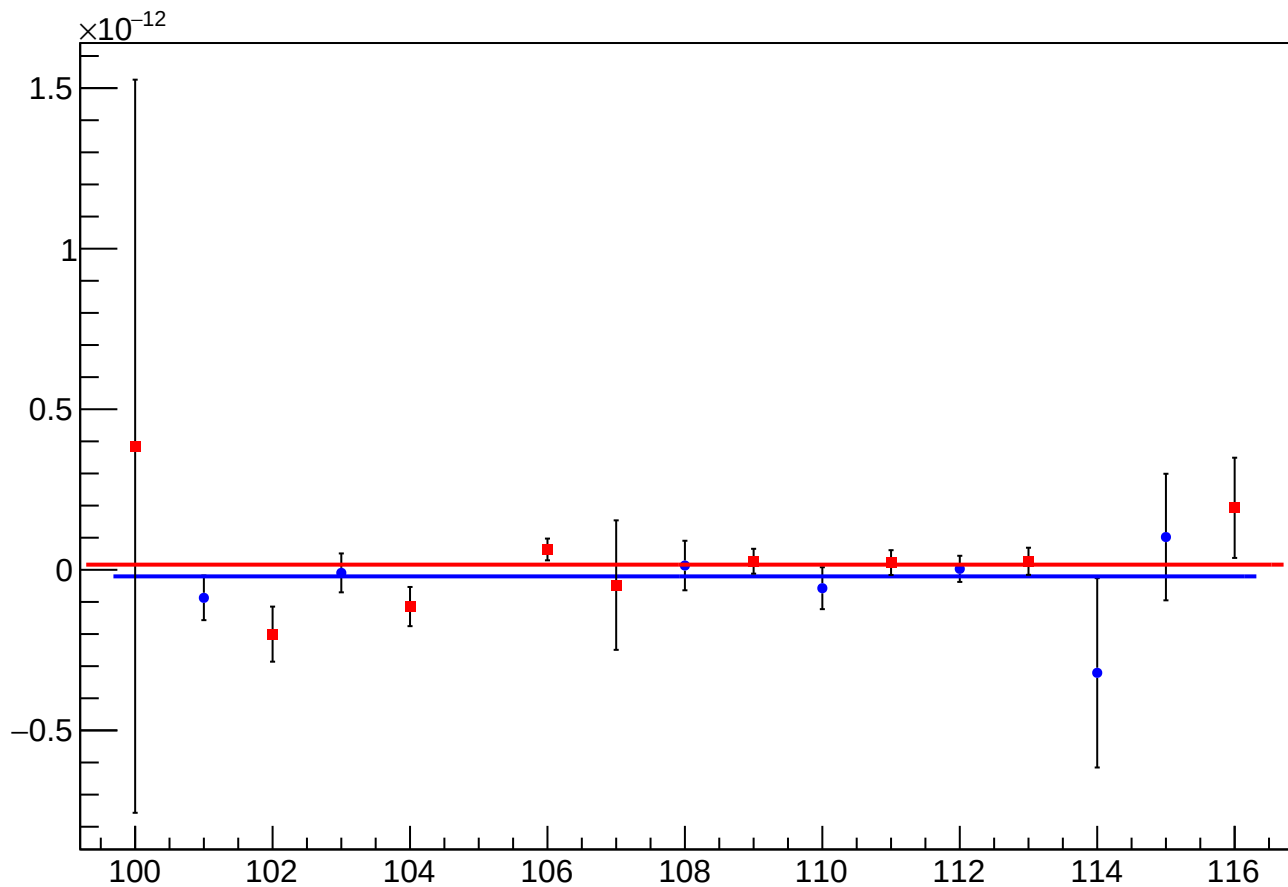
Right: 1553.042+/-0.462 χ^2/NDF : 828418.1/15

In: 1570.979+/-0.697 χ^2/NDF : 458807.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.042+/-0.462 χ^2/NDF : 828418.1/15

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

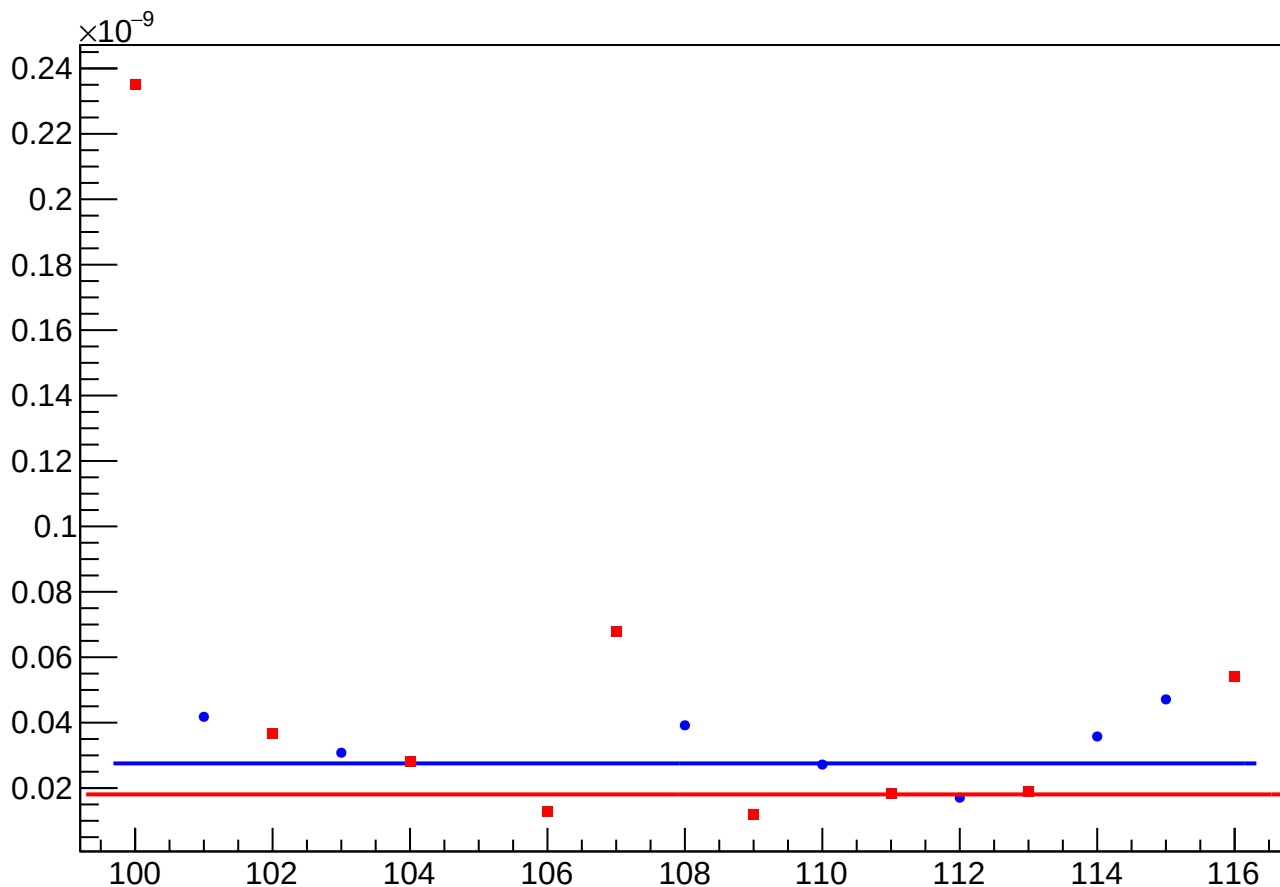
Right: 0.000+/-0.000 χ^2/NDF : 19.2/15

In: -0.000+/-0.000 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/15

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 289214.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 551806.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

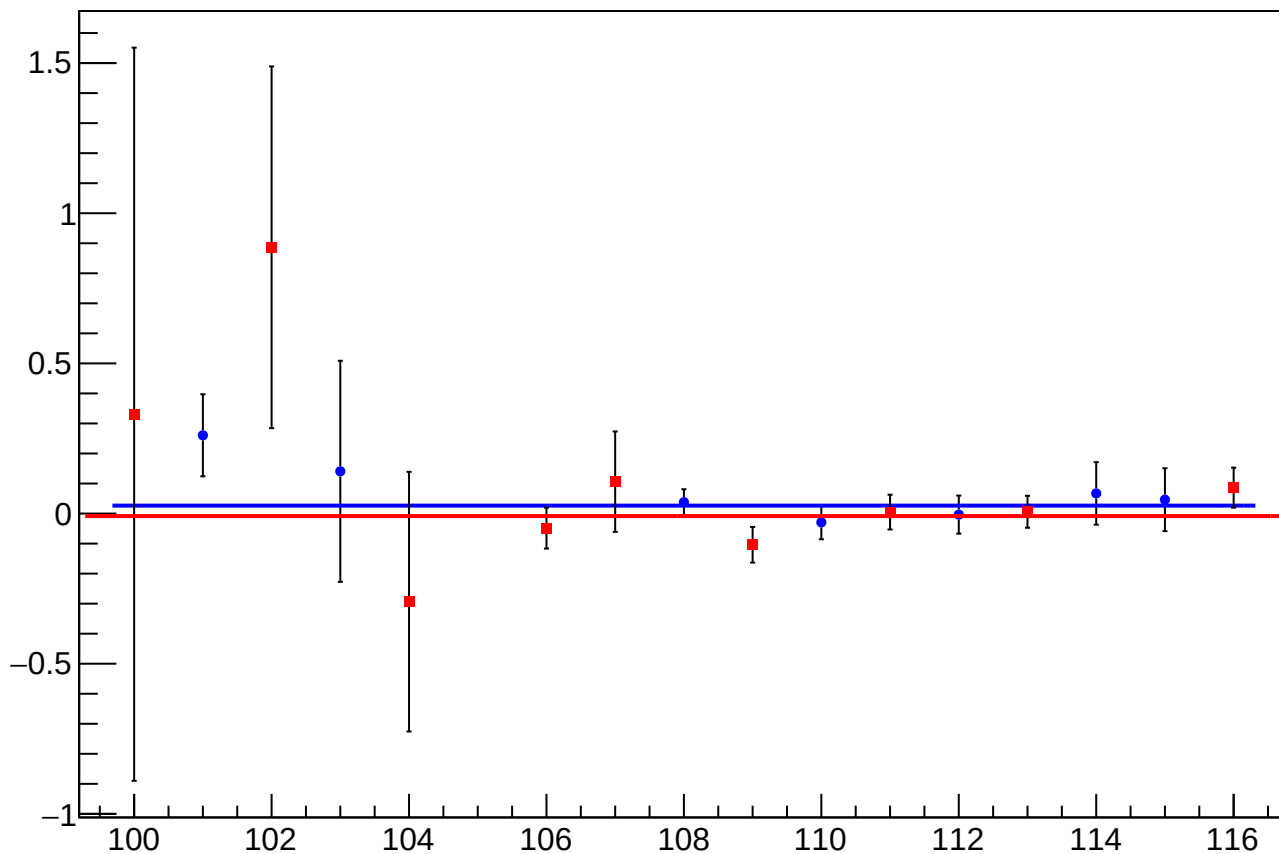
Right: 0.000+/-0.000 χ^2/NDF : 1026995.7/15

In: 0.000+/-0.000 χ^2/NDF : 289214.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1026995.7/15

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.027 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

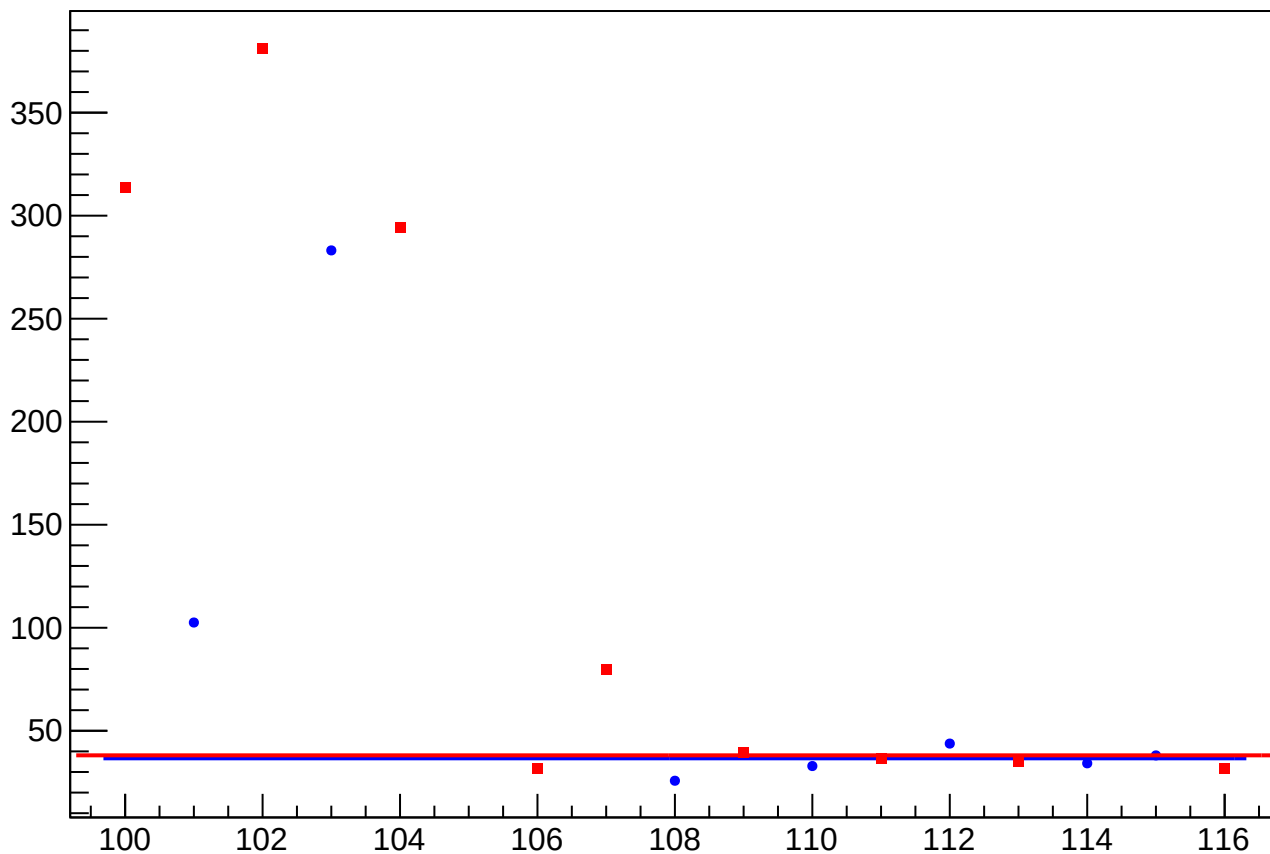
Right: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

In: 0.026 $\pm$ 0.027 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_slug, Sign Corrected



Right In: 36.638 $\pm$ 0.019 χ^2 /NDF: 1525647.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621693.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

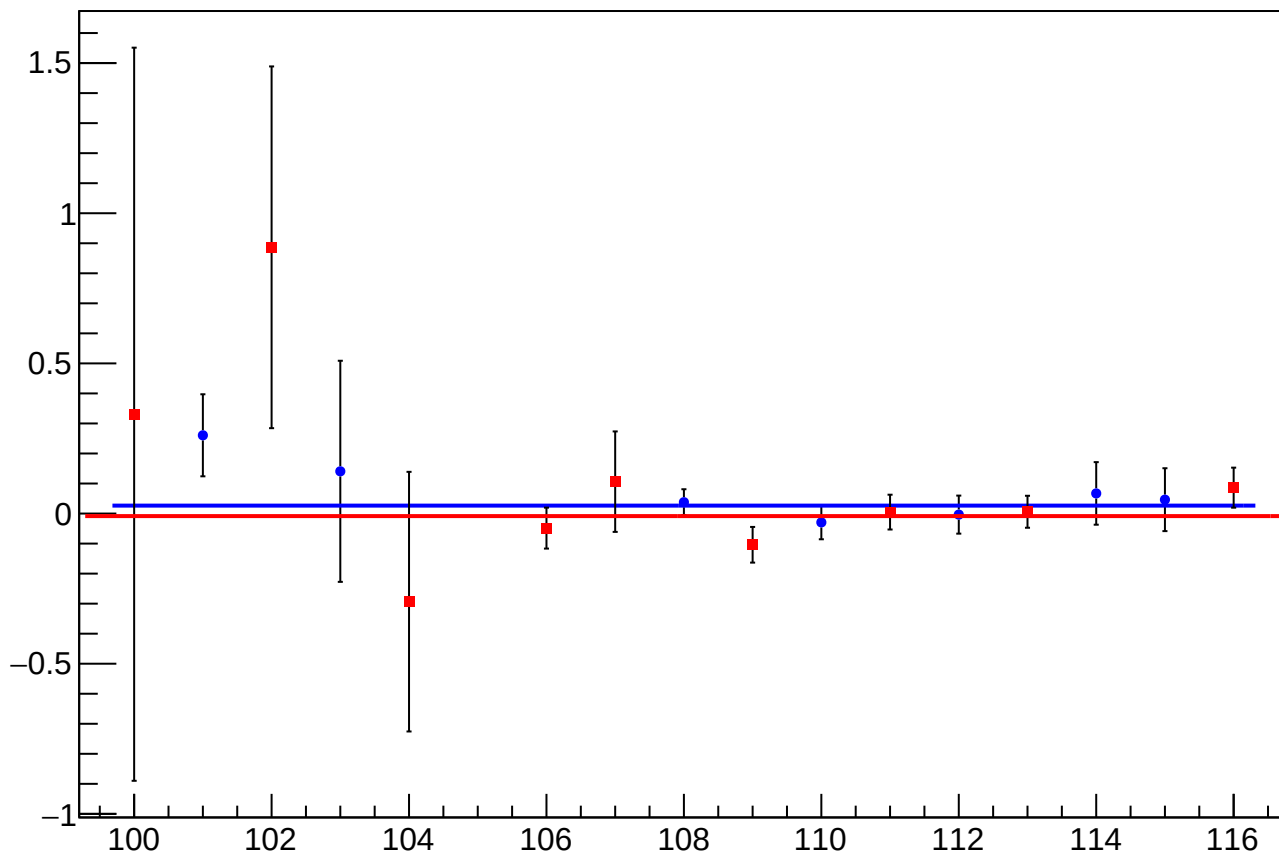
Right: 37.379 $\pm$ 0.013 χ^2 /NDF: 3150224.8/15

In: 36.638 $\pm$ 0.019 χ^2 /NDF:1525647.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.379 $\pm$ 0.013 χ^2 /NDF: 3150224.8/15

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.027 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

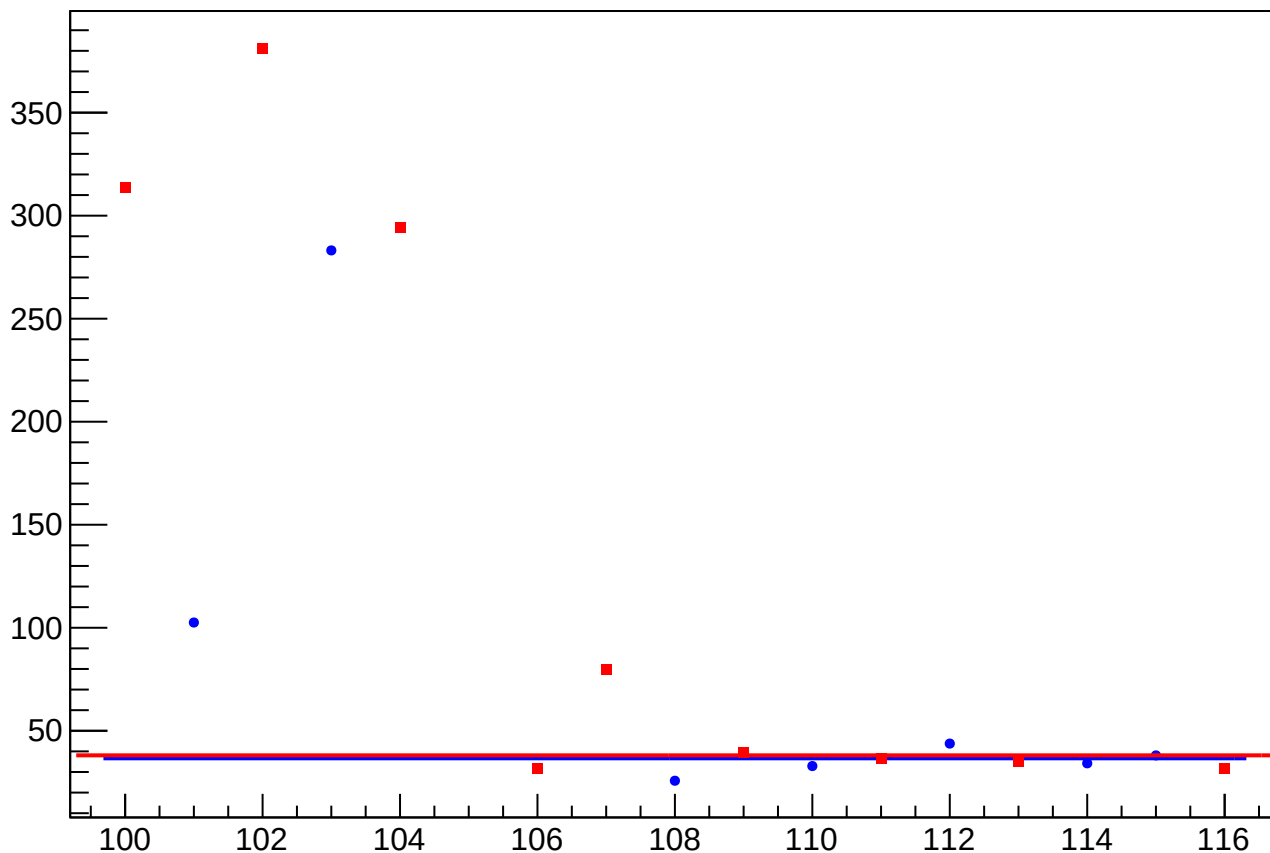
Right: 0.009+/-0.019 χ^2/NDF : 13.6/15

In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.019 χ^2/NDF : 13.6/15

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.638+/-0.019 χ^2/NDF : 1525647.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621693.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

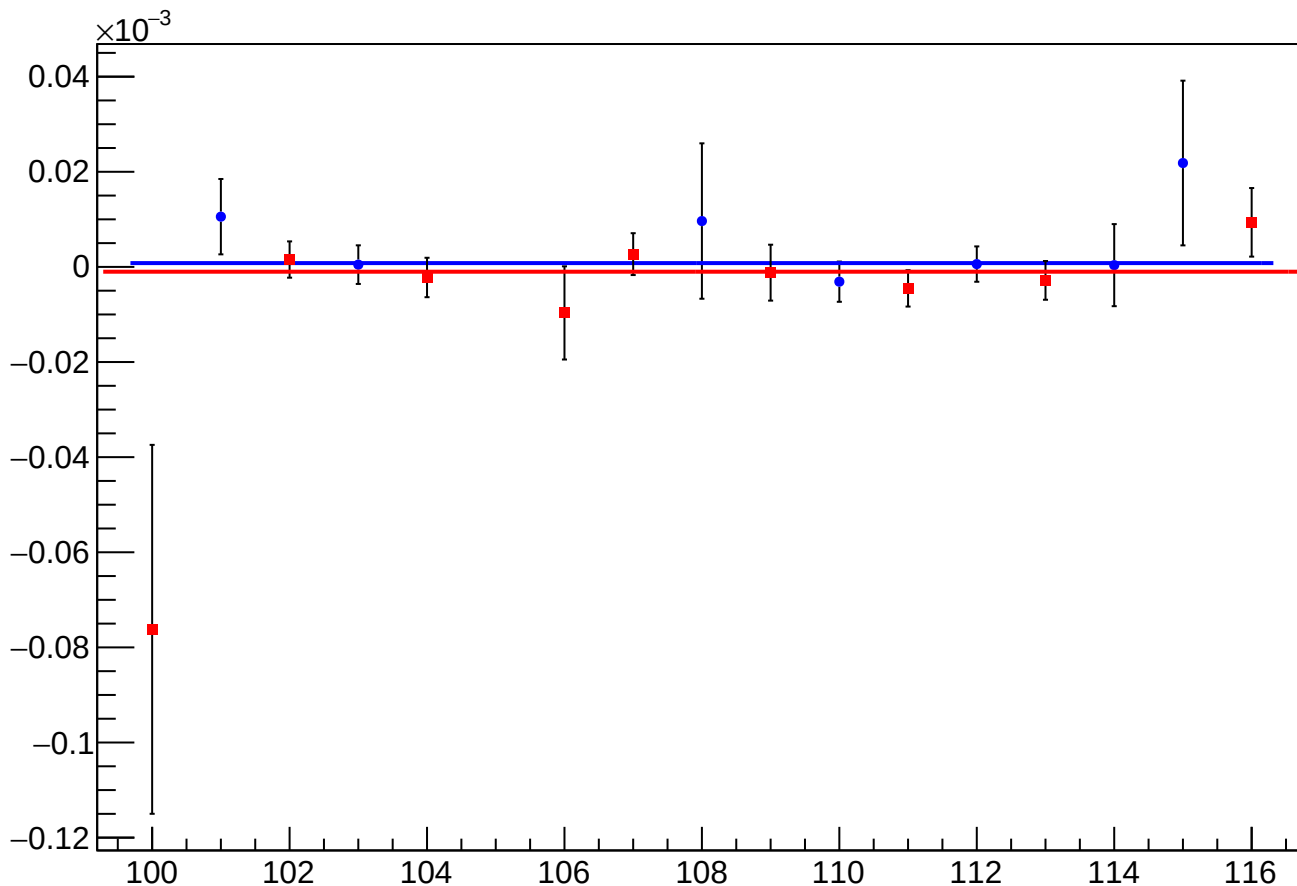
Right: 37.379+/-0.013 χ^2/NDF : 3150224.8/15

In: 36.638+/-0.019 χ^2/NDF : 1525647.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.379+/-0.013 χ^2/NDF : 3150224.8/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

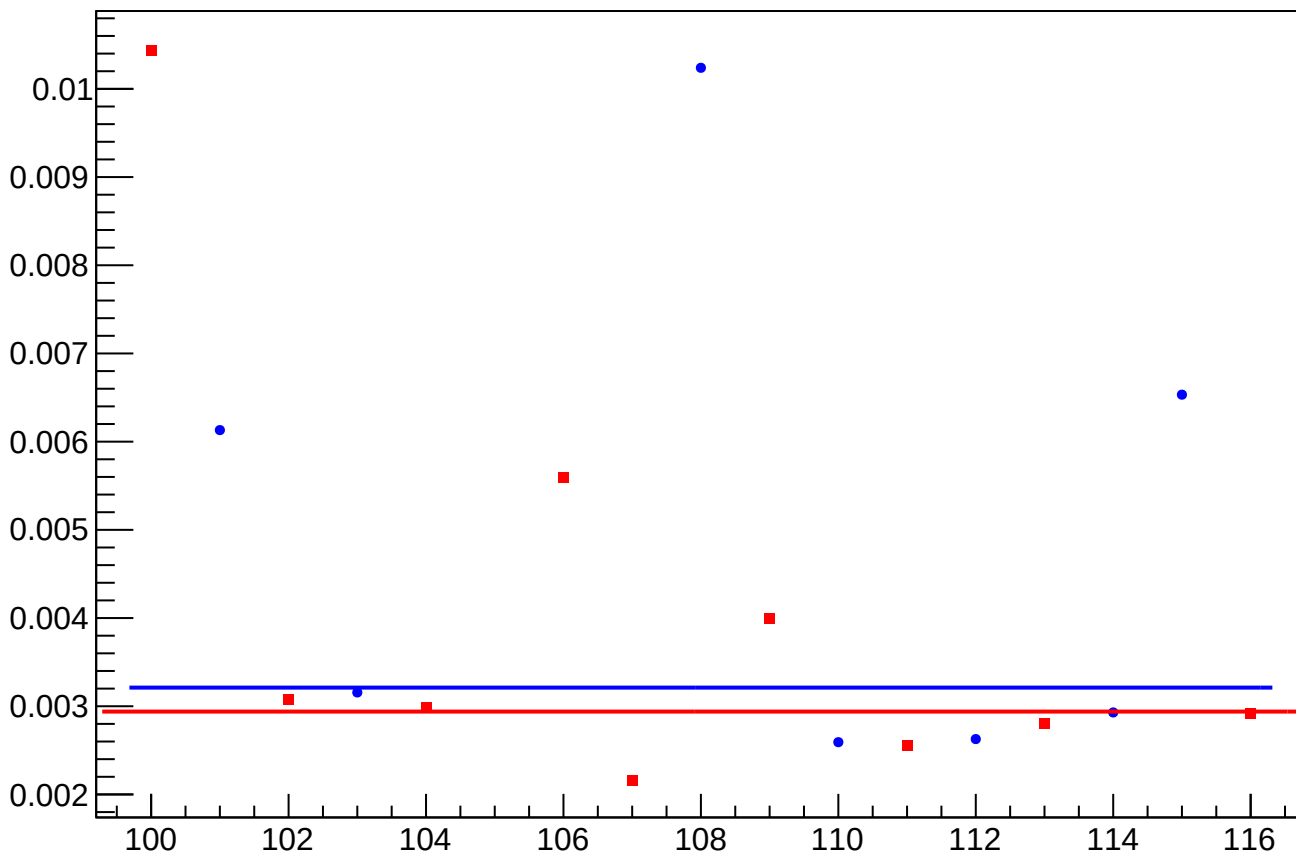
Right: -0.000+/-0.000 χ^2/NDF : 13.5/15

In: 0.000+/-0.000 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/15

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 : 809838.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 373952.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

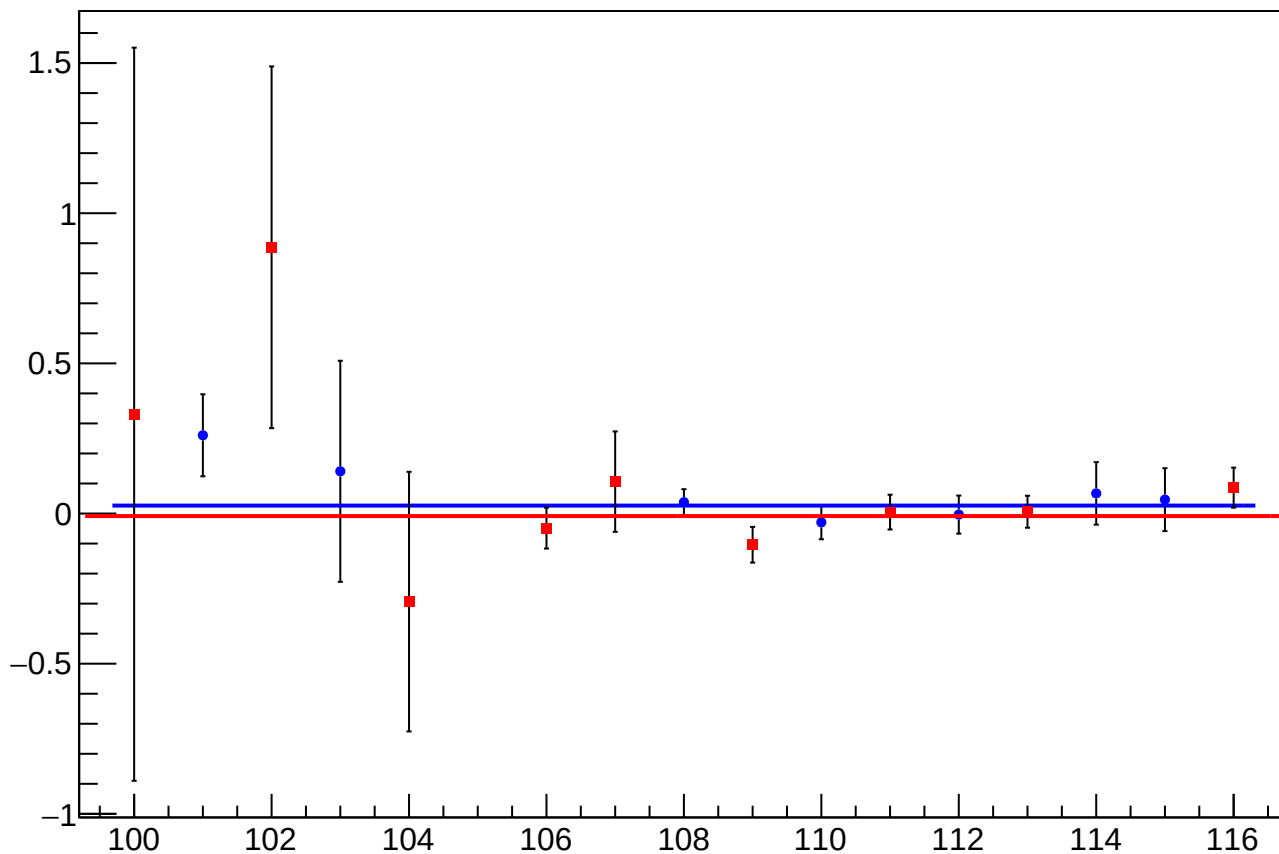
Right: 0.003+/-0.000 χ^2/NDF : 1204397.5/15

In: 0.003+/-0.000 χ^2/NDF : 809838.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1204397.5/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.027 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

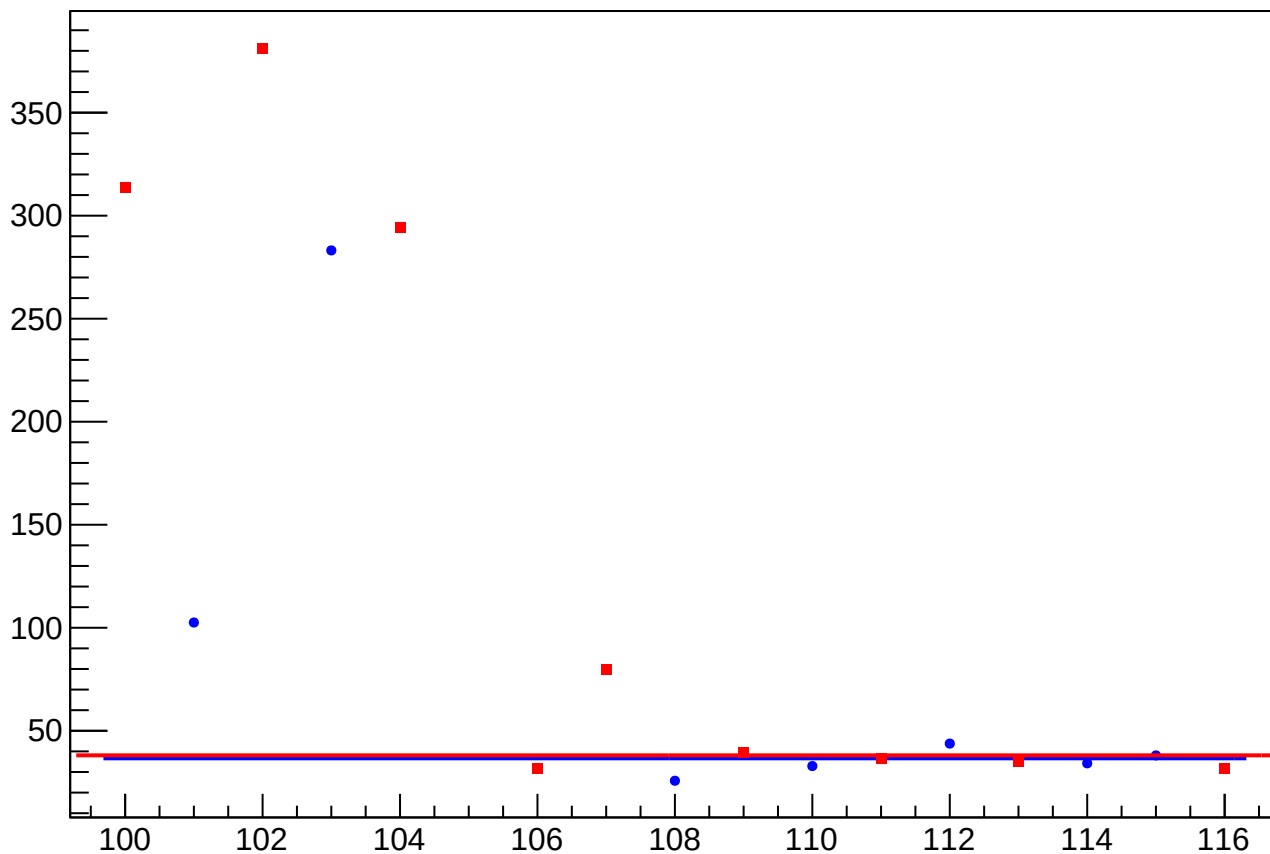
Right: 0.009+/-0.019 χ^2/NDF : 13.6/15

In: 0.026+/-0.027 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.019 χ^2/NDF : 13.6/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621684.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

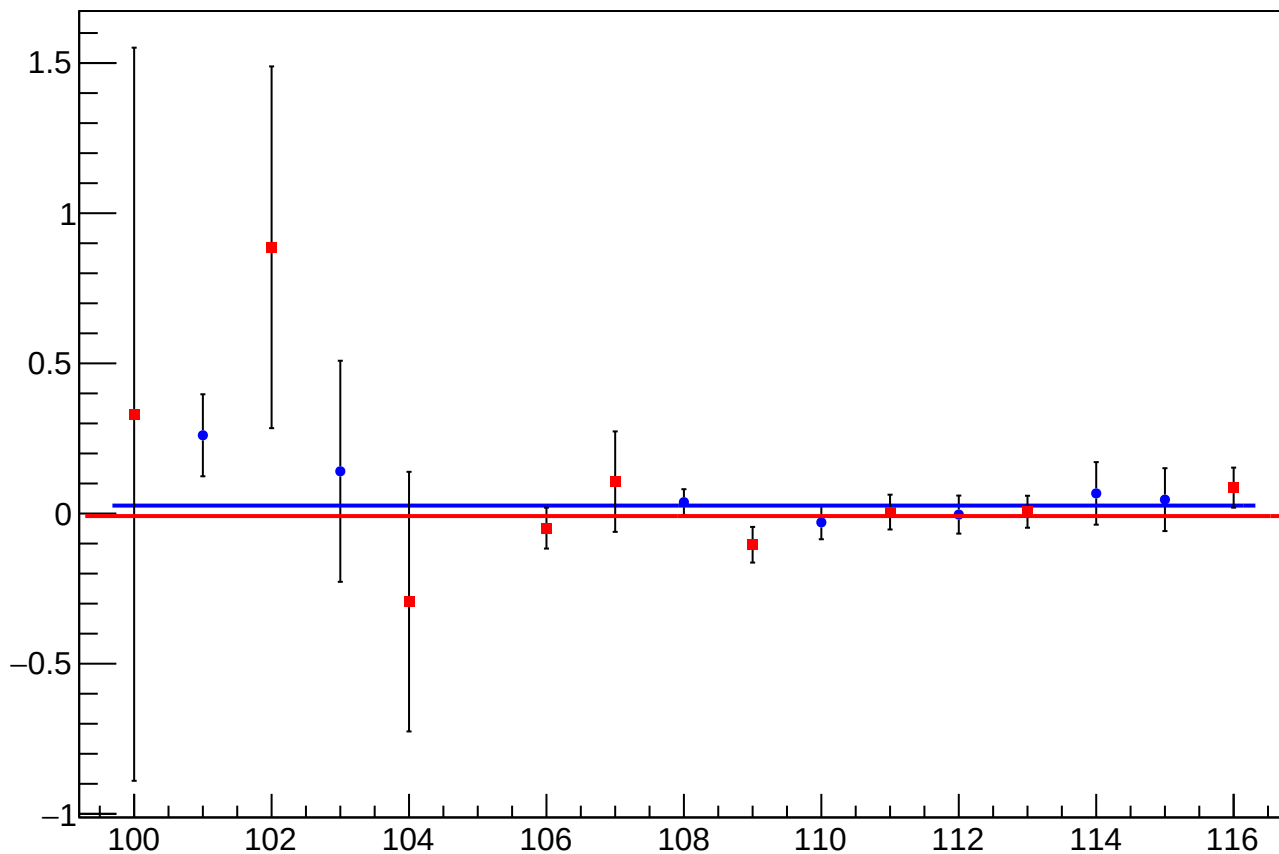
Right: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.027 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

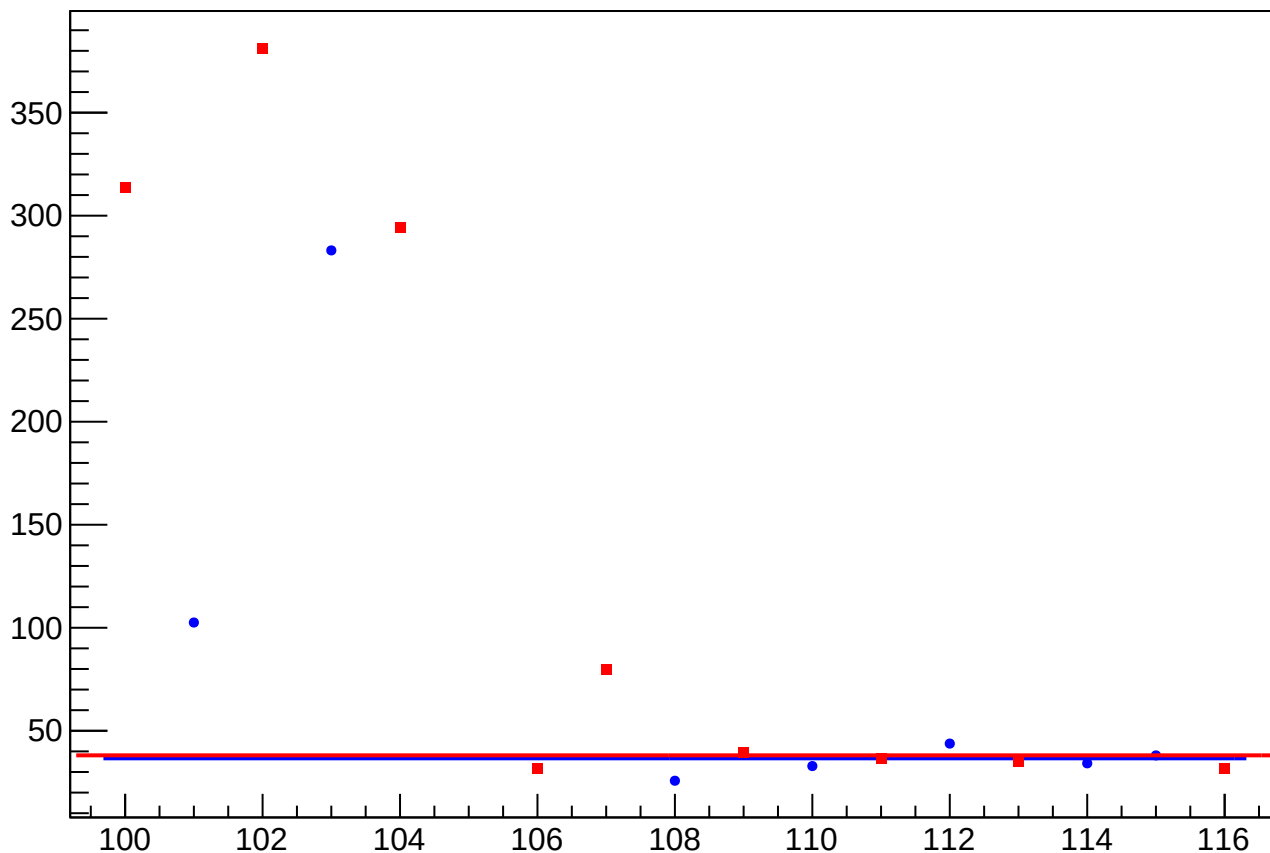
Right: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

In: 0.026 $\pm$ 0.027 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.019 χ^2 /NDF: 13.6/15

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.083+/-0.019 χ^2/NDF : 1621684.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

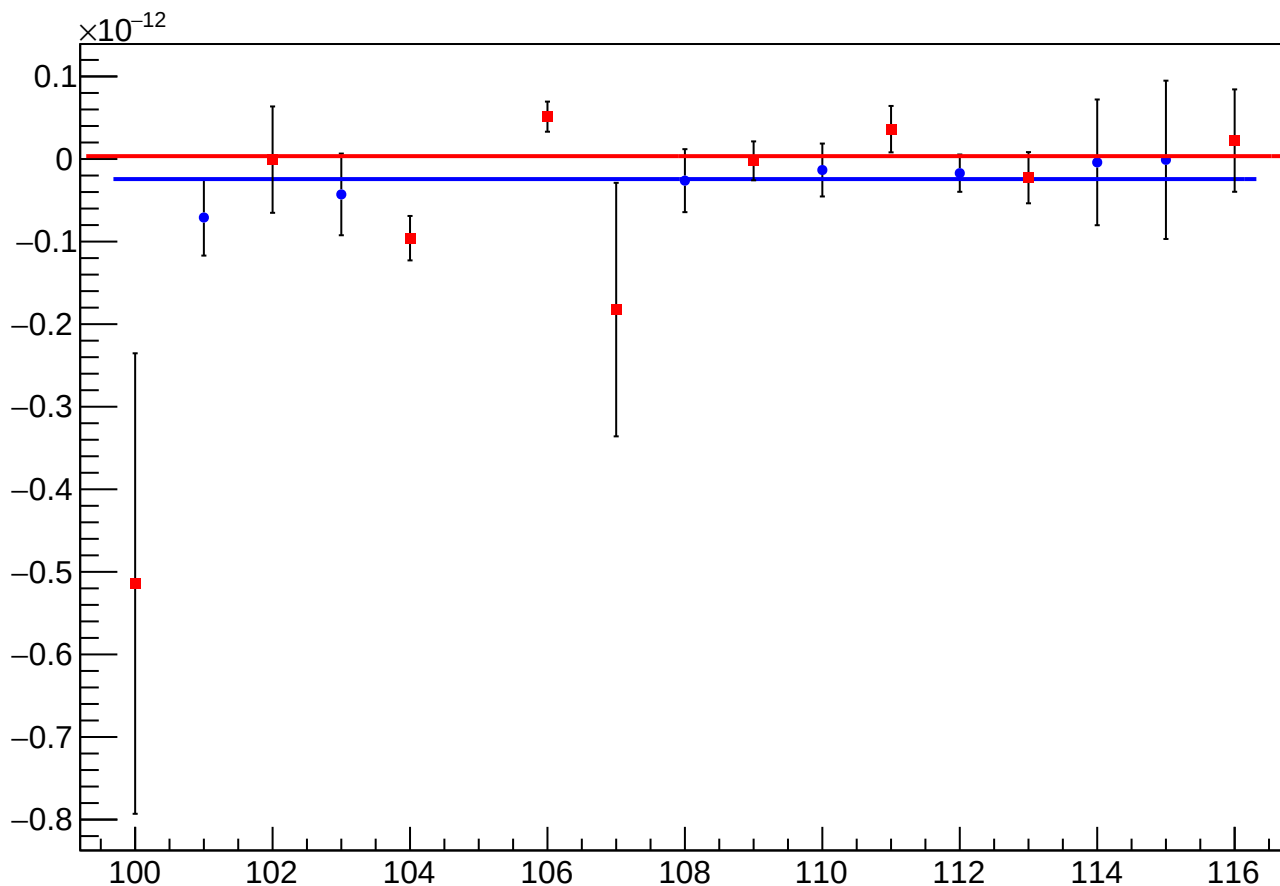
Right: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

In: 36.641+/-0.019 χ^2/NDF : 1525562.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.381+/-0.013 χ^2/NDF : 3150124.8/15

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 : 1.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

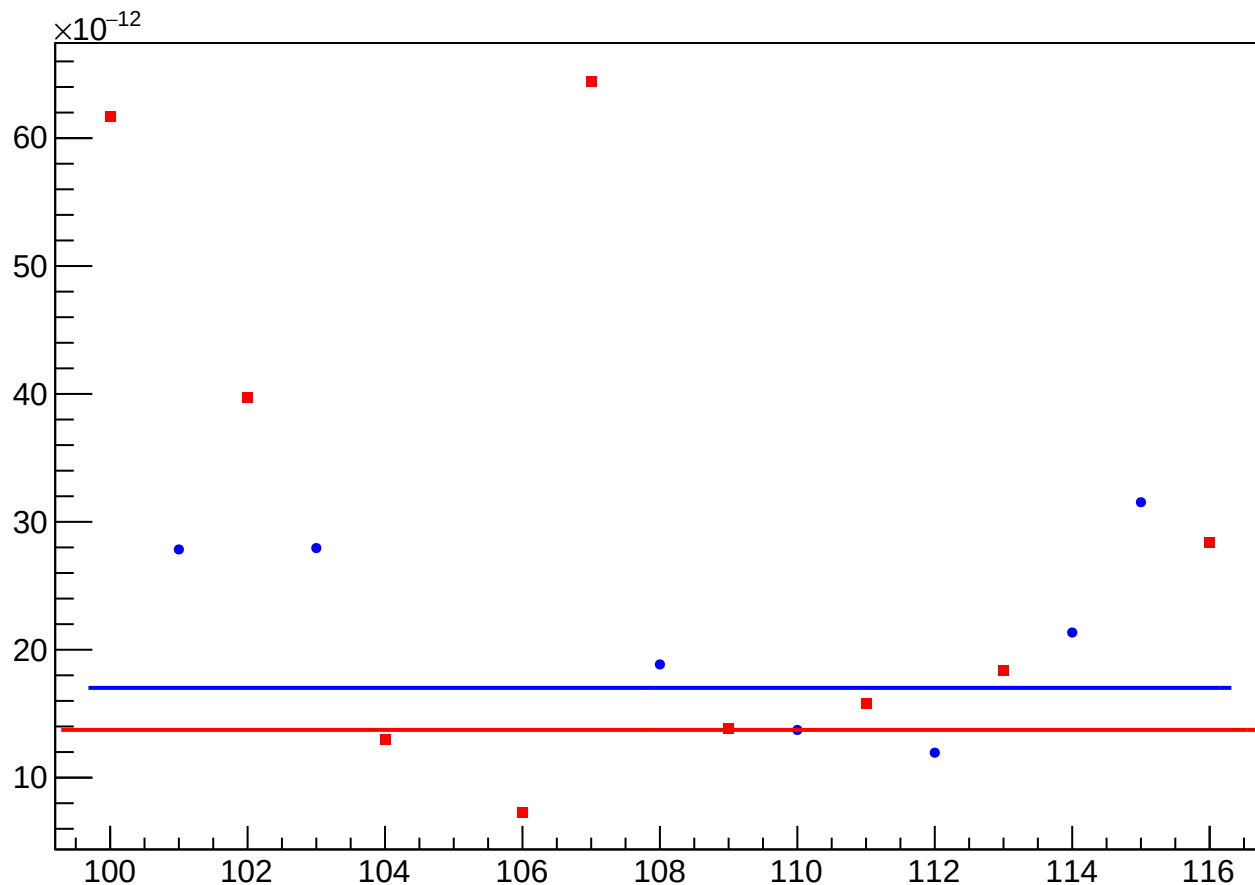
Right: -0.000+/-0.000 χ^2/NDF : 31.6/15

In: -0.000+/-0.000 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.6/15

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 : 386600.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1024556.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

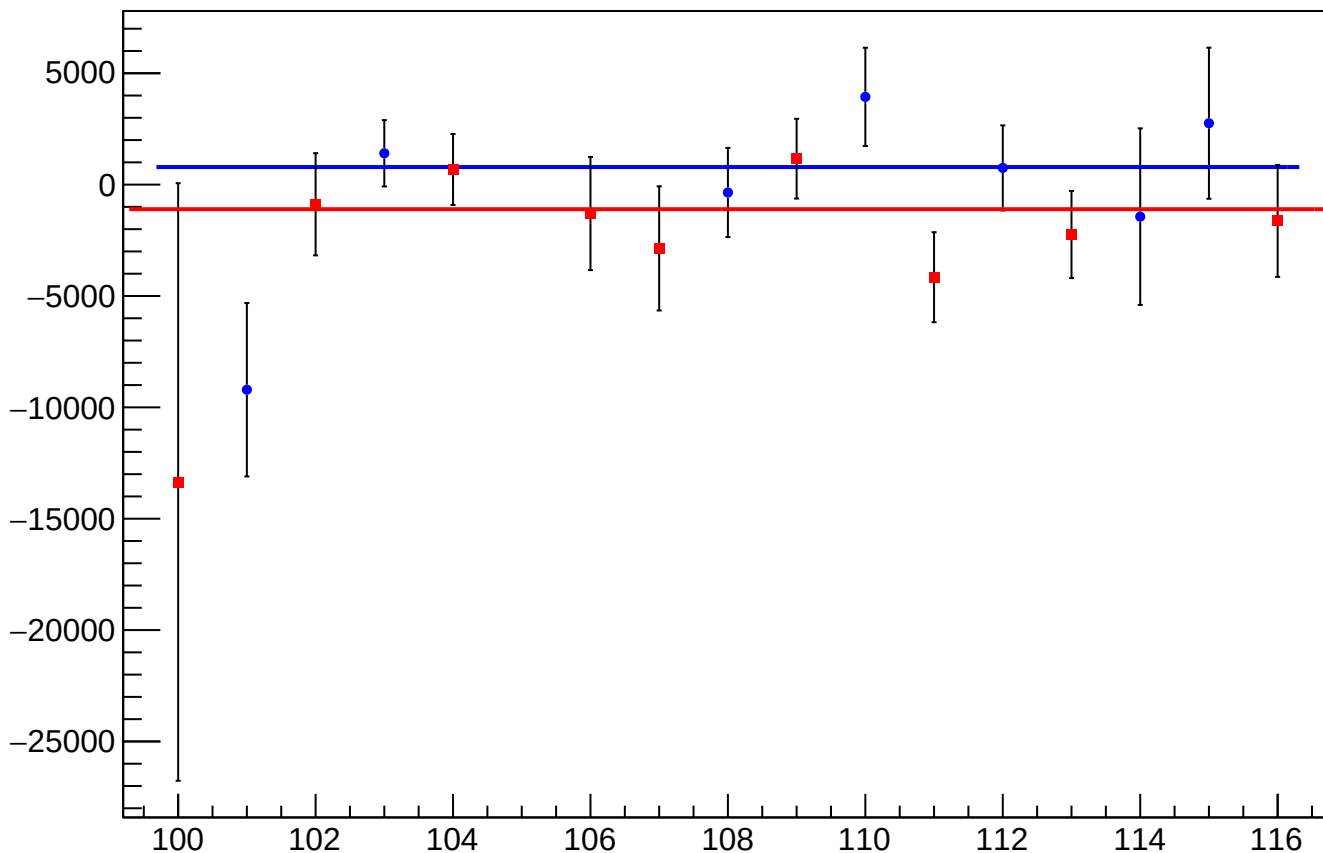
Right: 0.000+/-0.000 χ^2/NDF : 1478746.4/15

In: 0.000+/-0.000 χ^2/NDF : 386600.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1478746.4/15

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 789.095+/-846.129 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1103.518+/-735.353 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

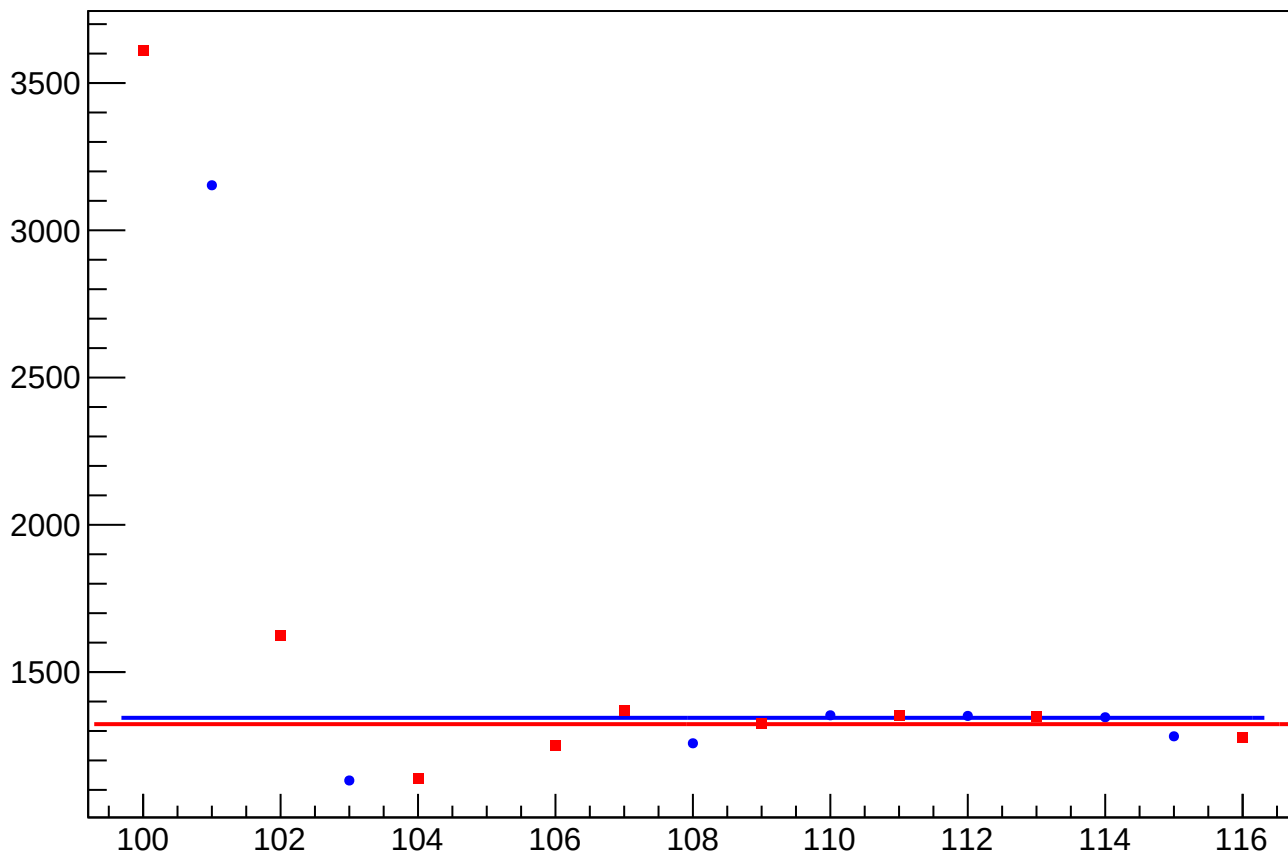
Right: -289.134+/-555.035 χ^2/NDF : 19.4/15

In: 789.095+/-846.129 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.134+/-555.035 χ^2/NDF : 19.4/15

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1344.695+/-0.598 χ^2/NDF : 476731.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.204+/-0.520 χ^2/NDF : 122550.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

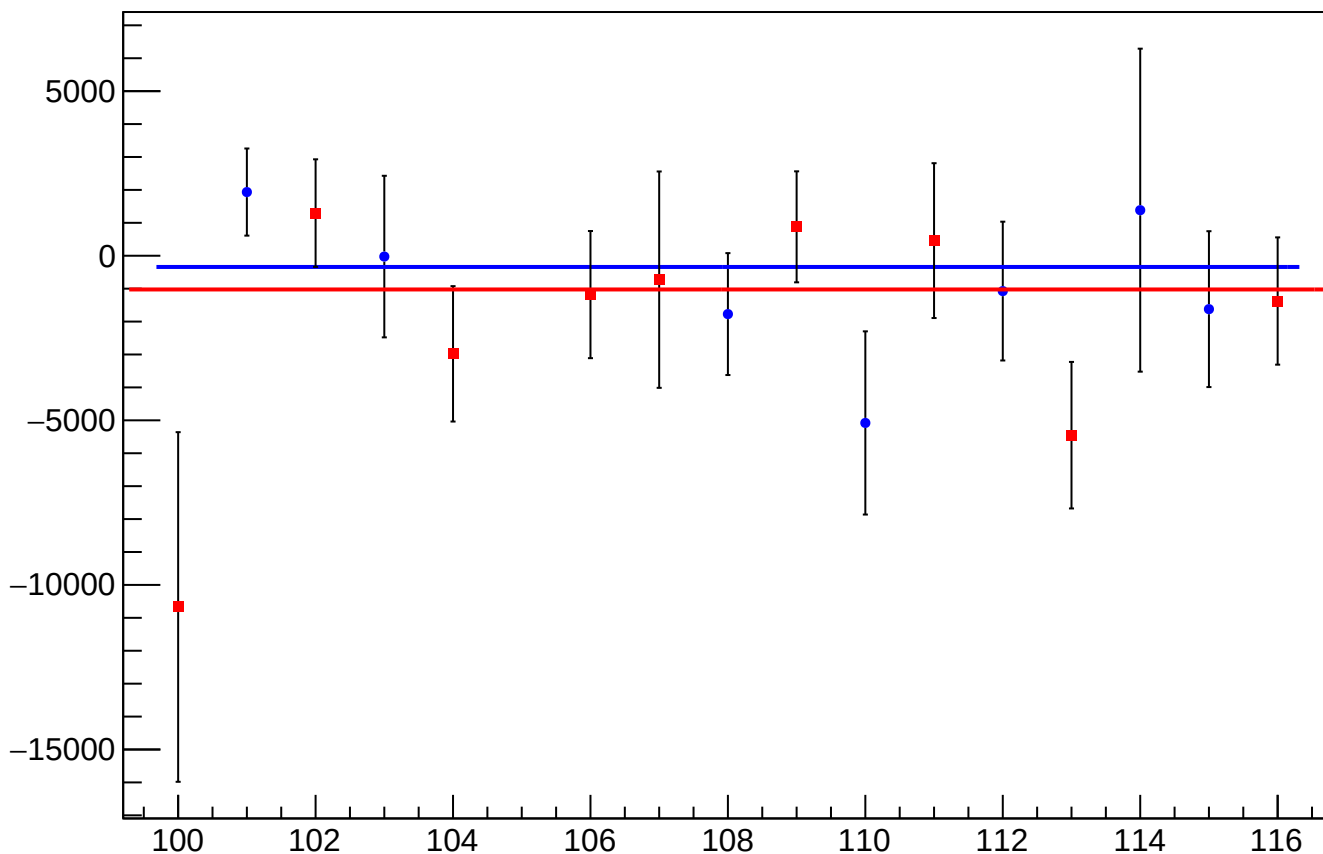
Right: 1332.451+/-0.392 χ^2/NDF : 600017.3/15

In: 1344.695+/-0.598 χ^2/NDF : 476731.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.451+/-0.392 χ^2/NDF : 600017.3/15

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -340.845+/-789.932 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.569+/-705.547 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

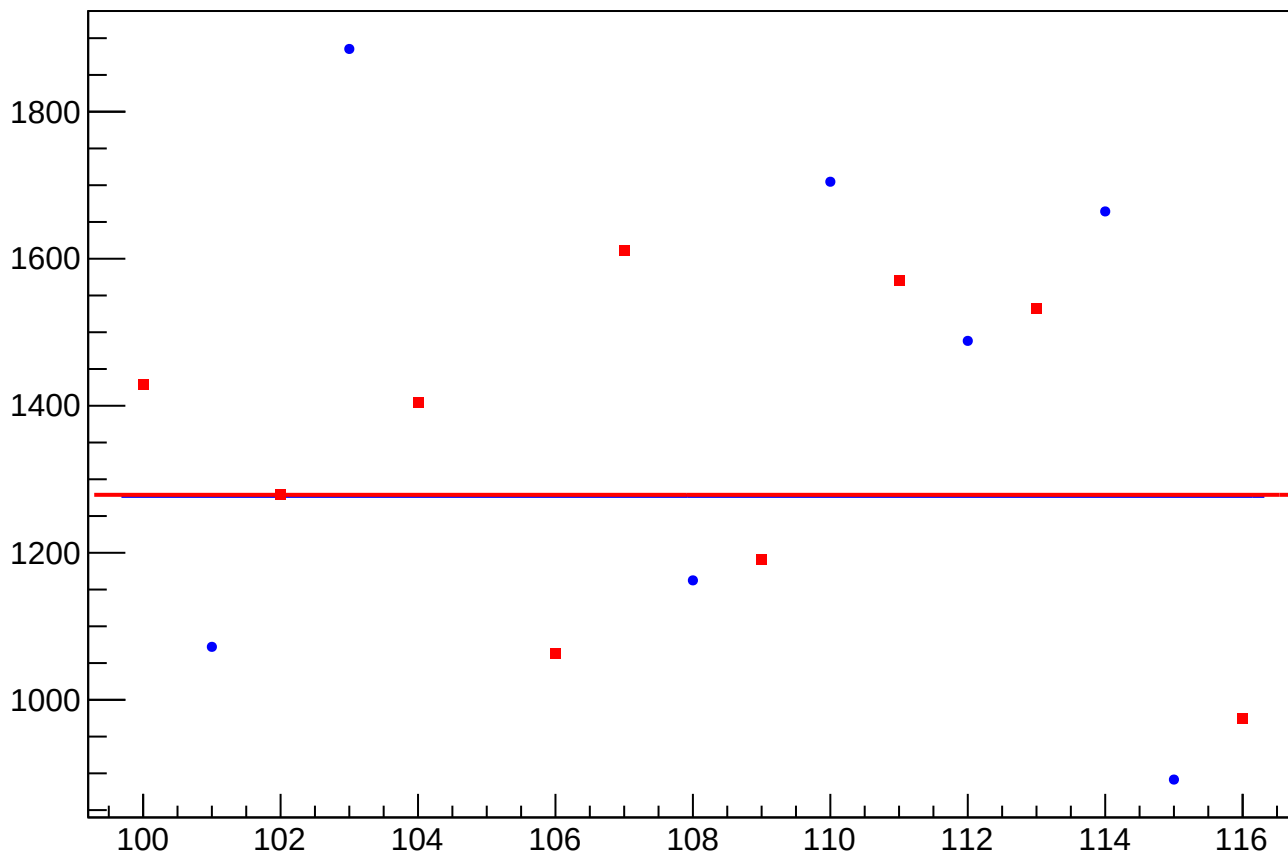
Right: -721.165+/-526.211 χ^2/NDF : 19.3/15

In: -340.845+/-789.932 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.165+/-526.211 χ^2/NDF : 19.3/15

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1277.423+/-0.559 χ^2/NDF : 311279.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.852+/-0.499 χ^2/NDF : 166046.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

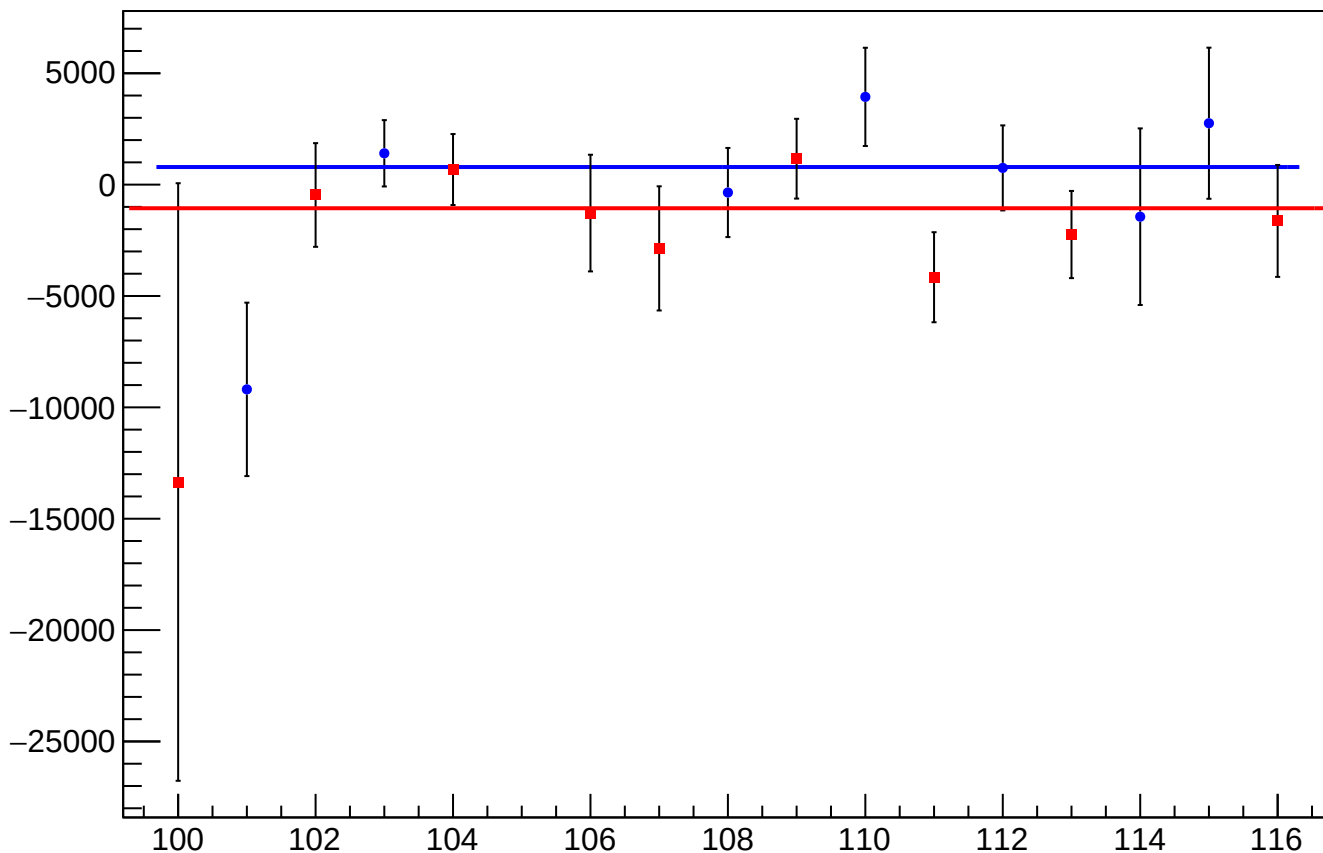
Right: 1278.218+/-0.372 χ^2/NDF : 477329.1/15

In: 1277.423+/-0.559 χ^2/NDF : 311279.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.218+/-0.372 χ^2/NDF : 477329.1/15

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.873+/-738.292 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

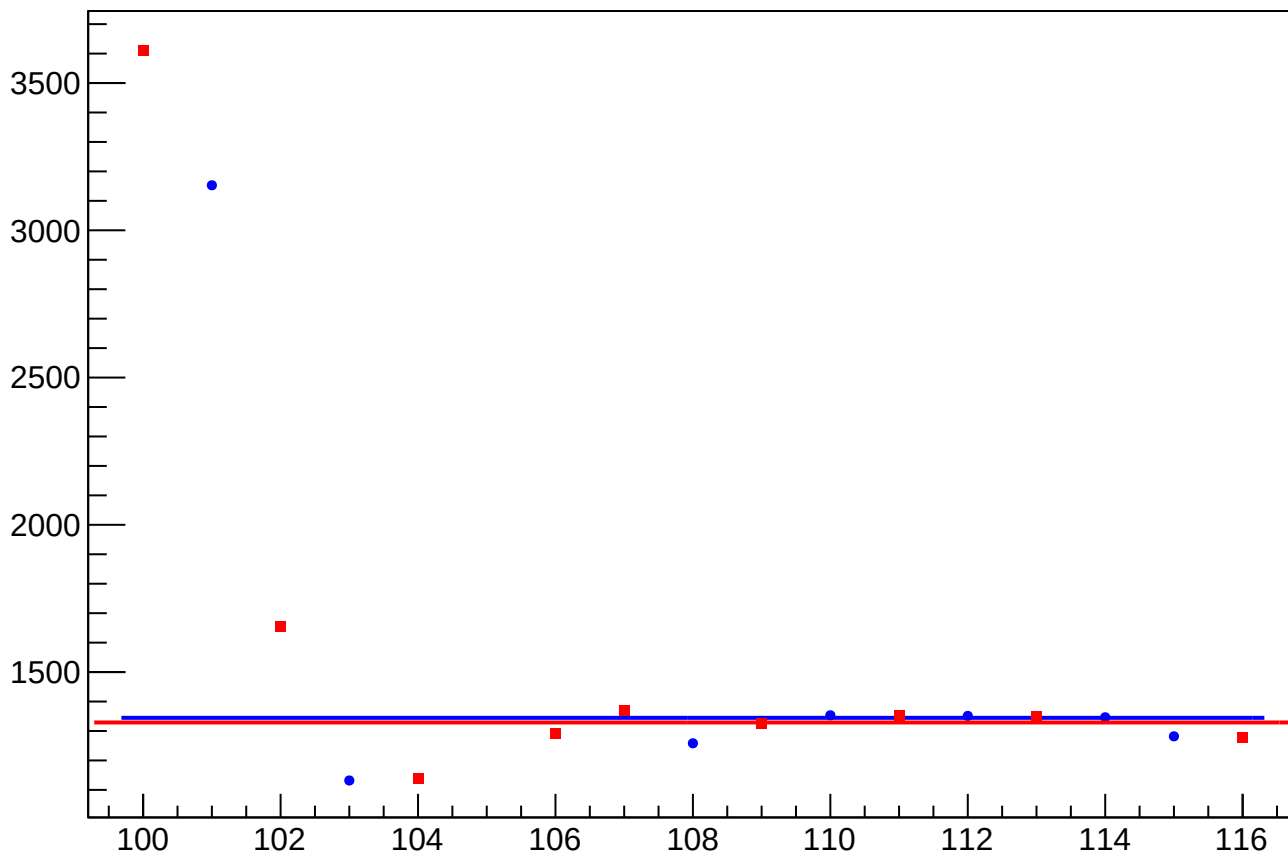
Right: -260.332+/-556.296 χ^2/NDF : 19.3/15

In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.332+/-556.296 χ^2/NDF : 19.3/15

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.917+/-0.522 χ^2/NDF : 127469.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

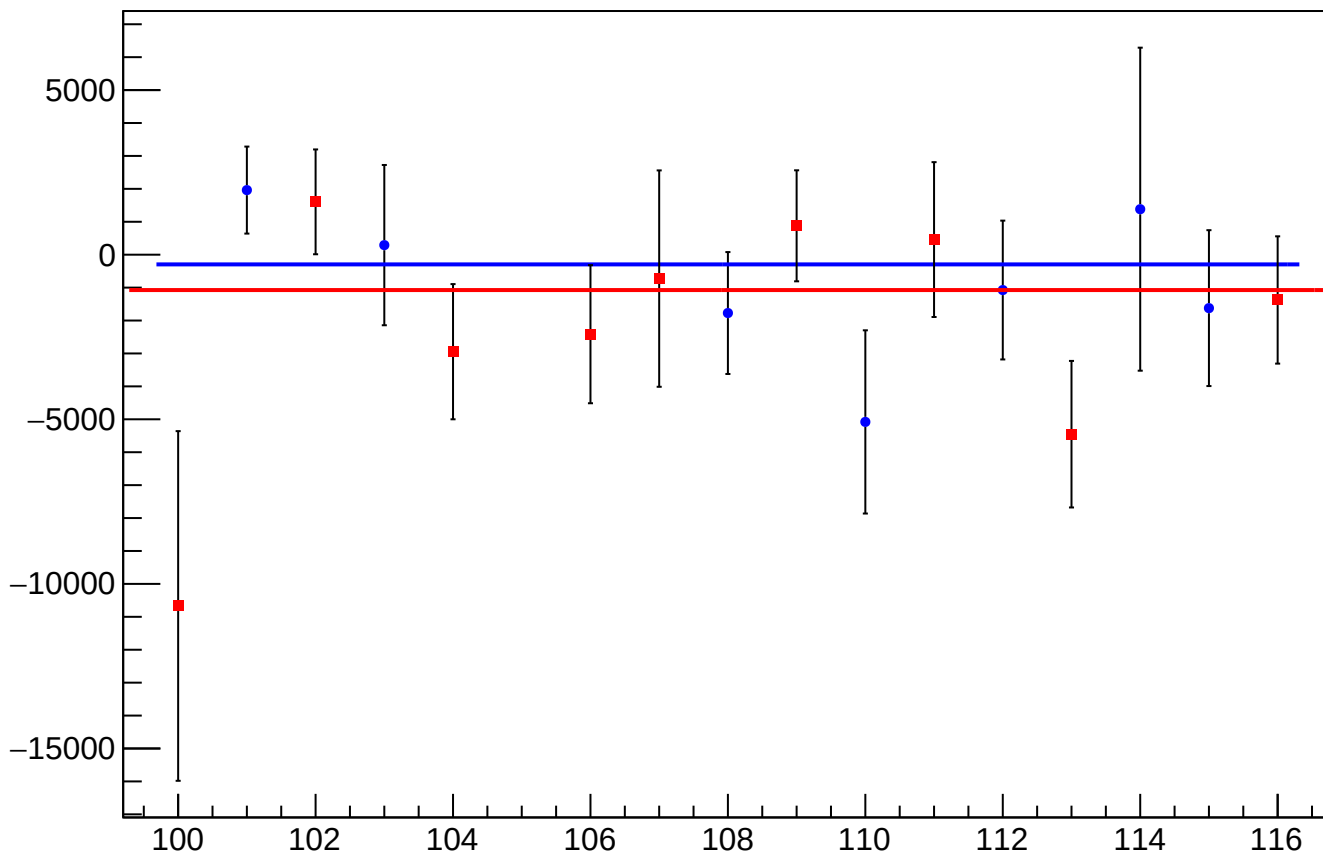
Right: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1074.417+/-709.083 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

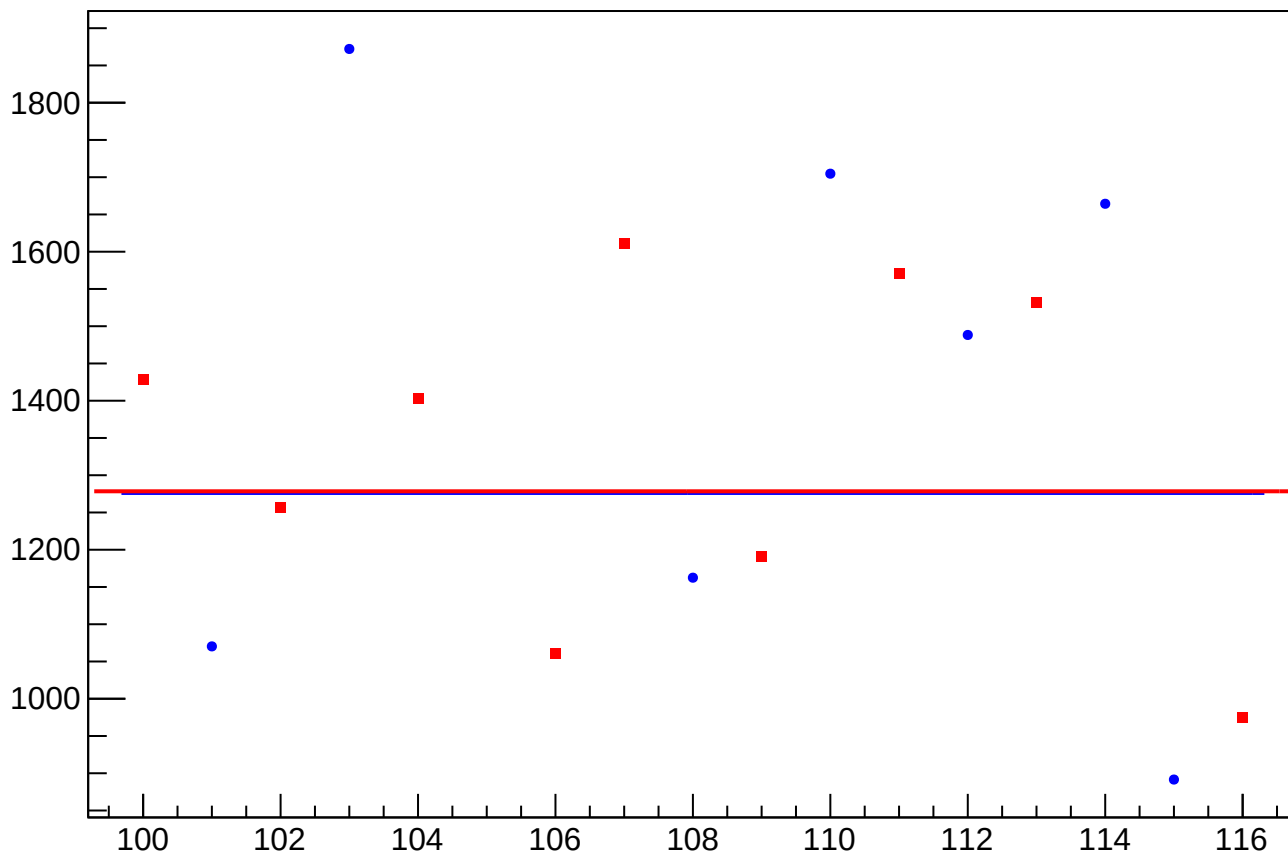
Right: -725.954+/-527.338 χ^2/NDF : 20.7/15

In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -725.954+/-527.338 χ^2/NDF : 20.7/15

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

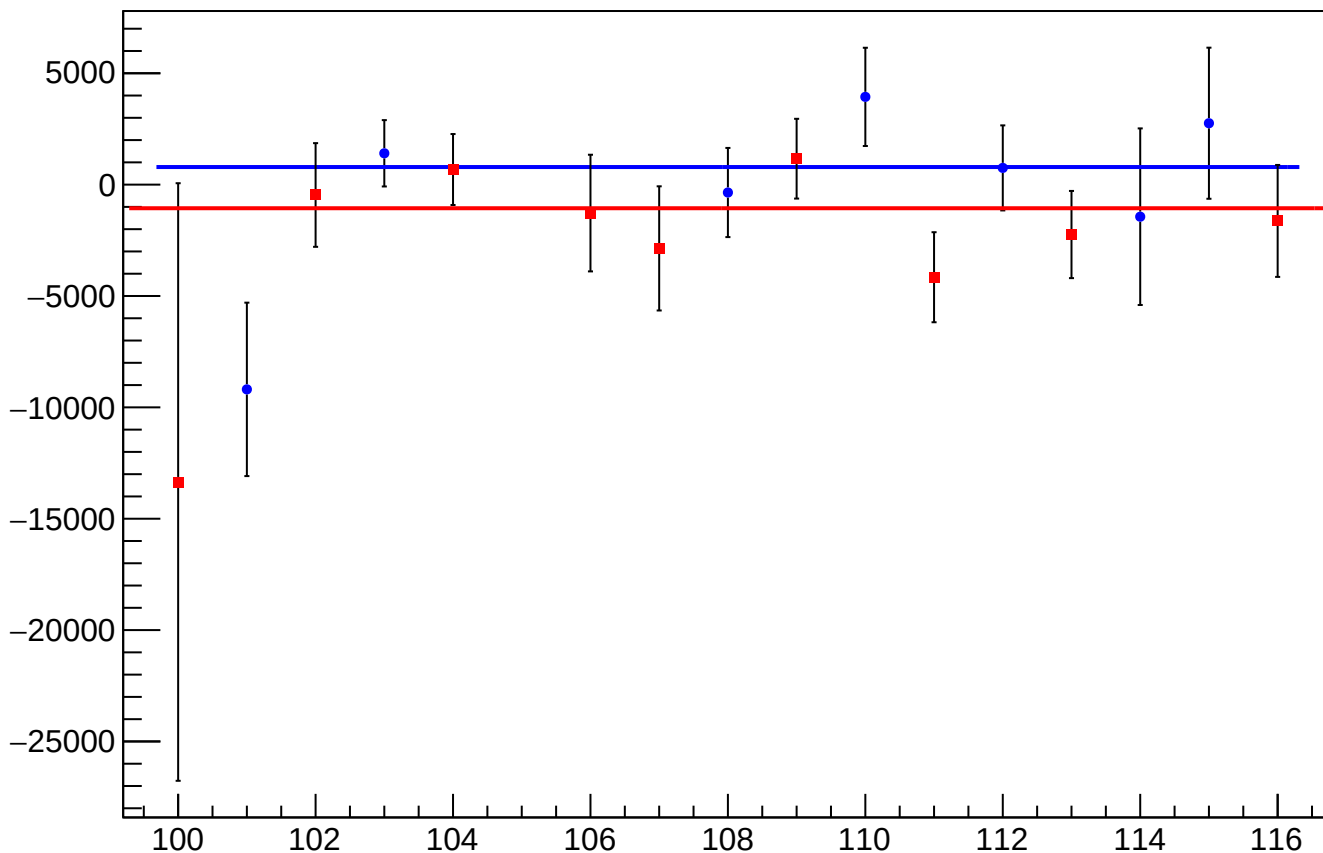
Right: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.873+/-738.292 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

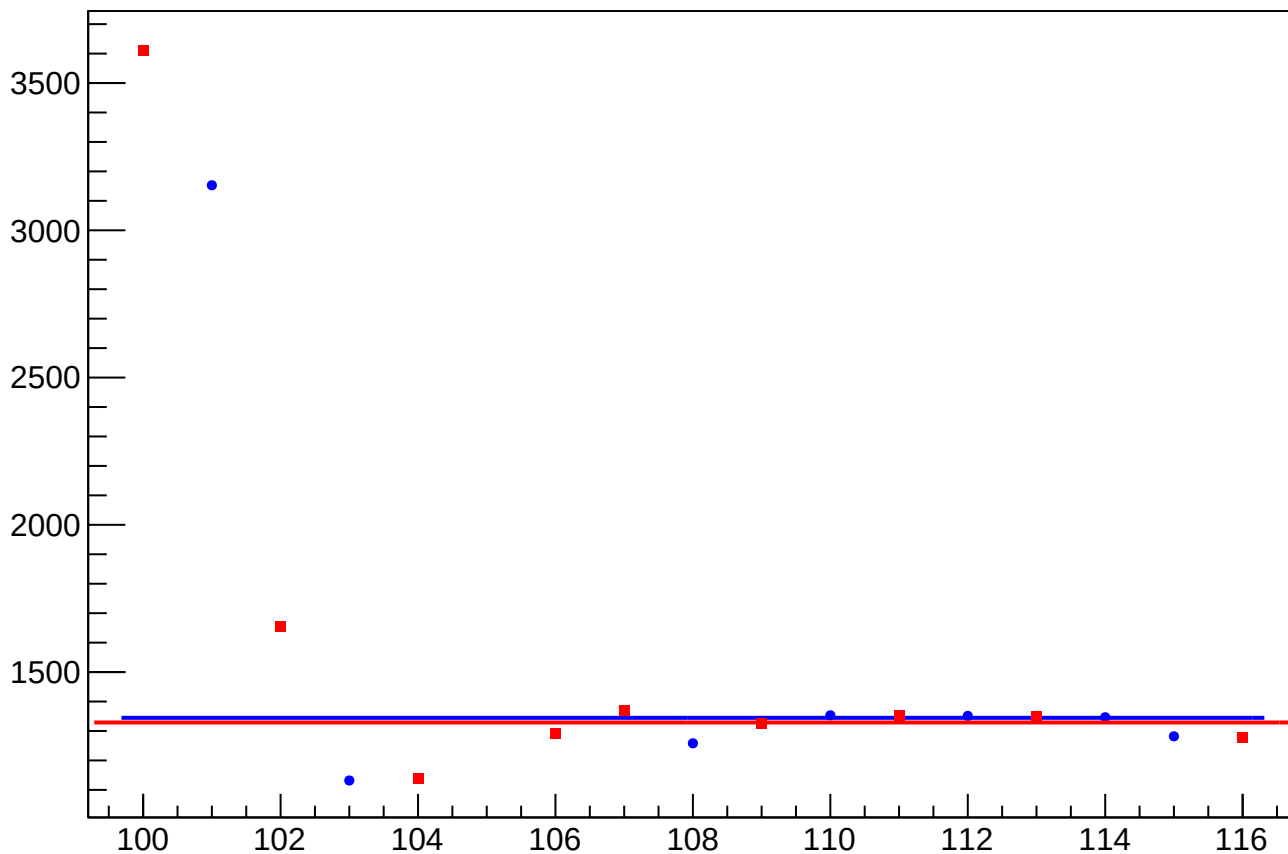
Right: -260.332+/-556.296 χ^2/NDF : 19.3/15

In: 789.835+/-846.130 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.332+/-556.296 χ^2/NDF : 19.3/15

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.917+/-0.522 χ^2/NDF : 127469.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

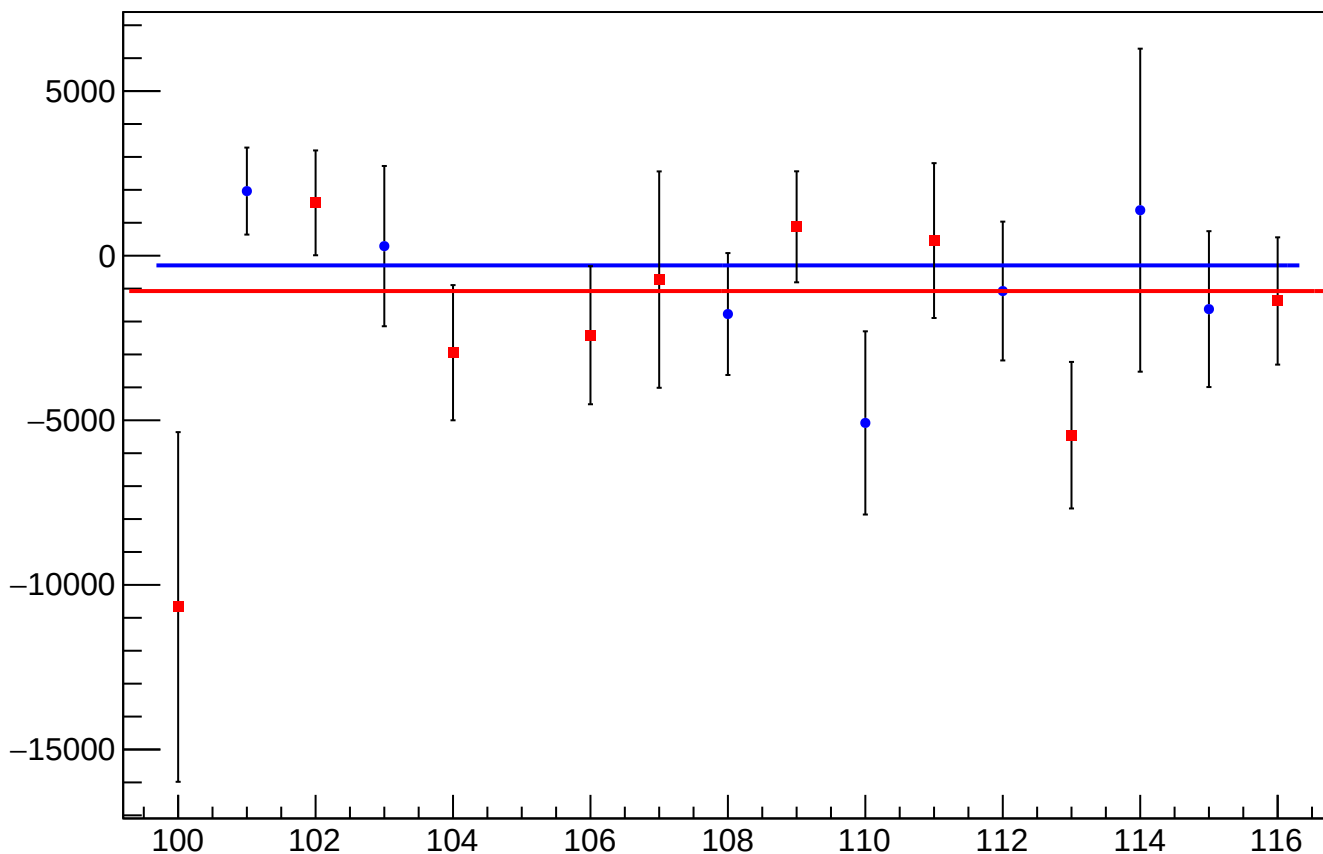
Right: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

In: 1344.694+/-0.598 χ^2/NDF : 476733.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.737+/-0.393 χ^2/NDF : 604597.1/15

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1074.417+/-709.083 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

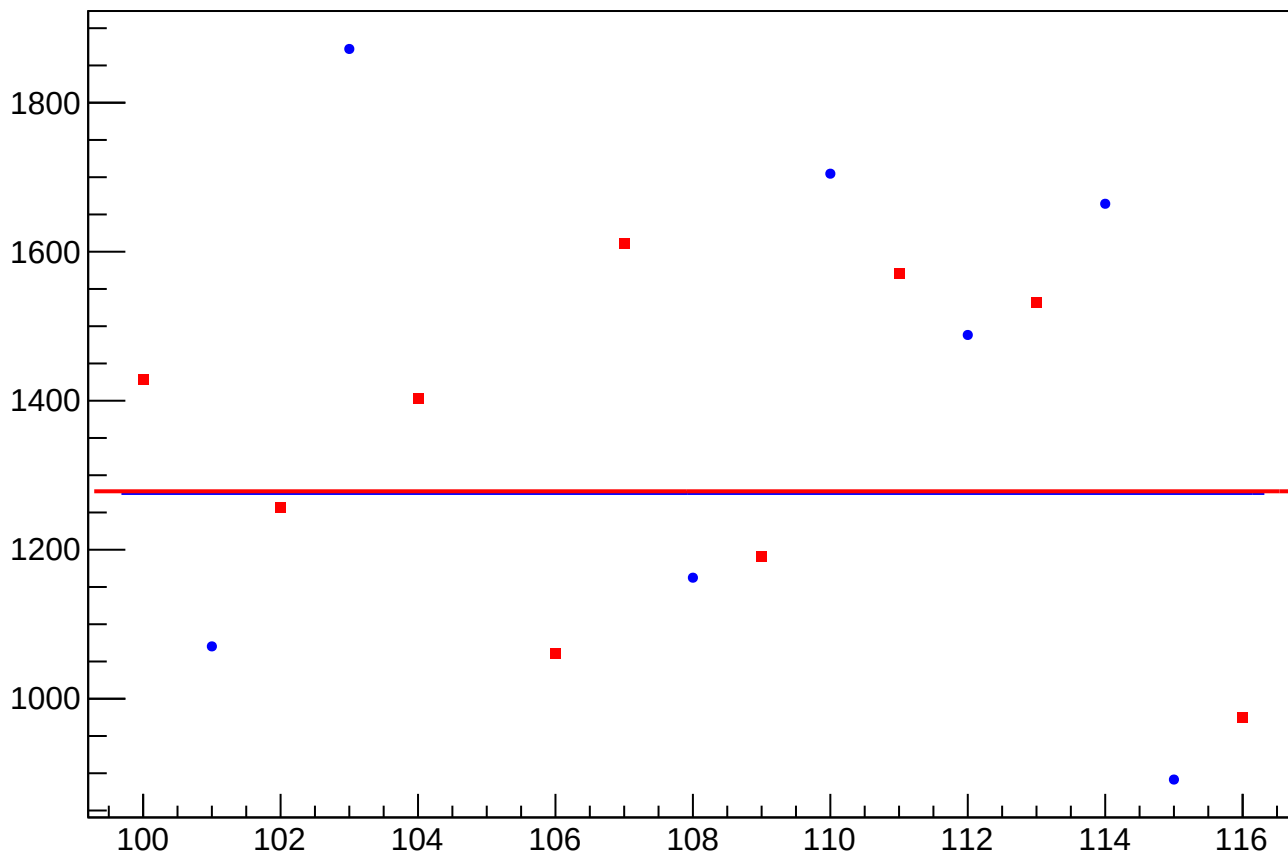
Right: -725.954+/-527.338 χ^2/NDF : 20.7/15

In: -294.726+/-788.809 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -725.954+/-527.338 χ^2/NDF : 20.7/15

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

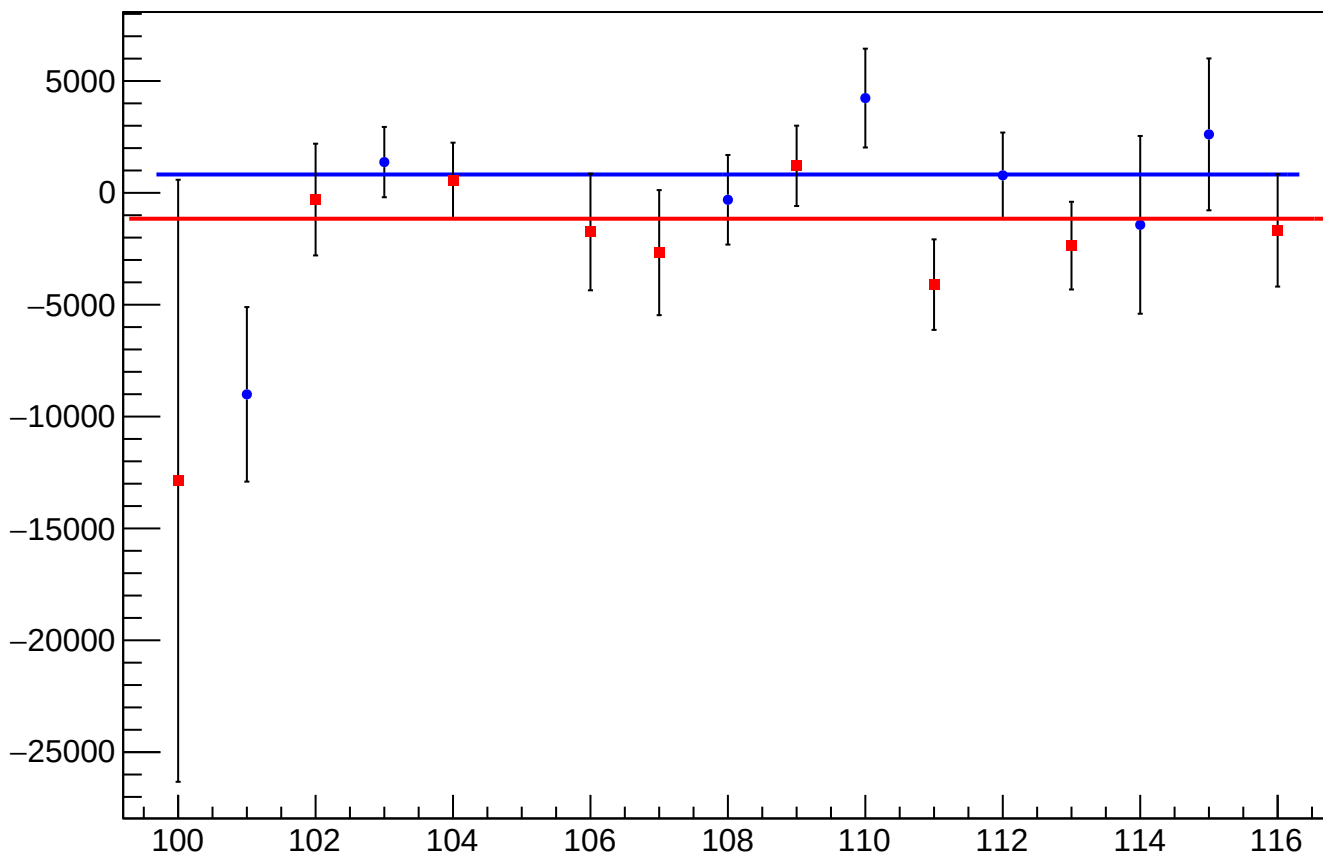
Right: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

In: 1276.216+/-0.558 χ^2/NDF : 308947.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.442+/-0.373 χ^2/NDF : 471861.1/15

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 821.094+/-861.026 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.272+/-753.621 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

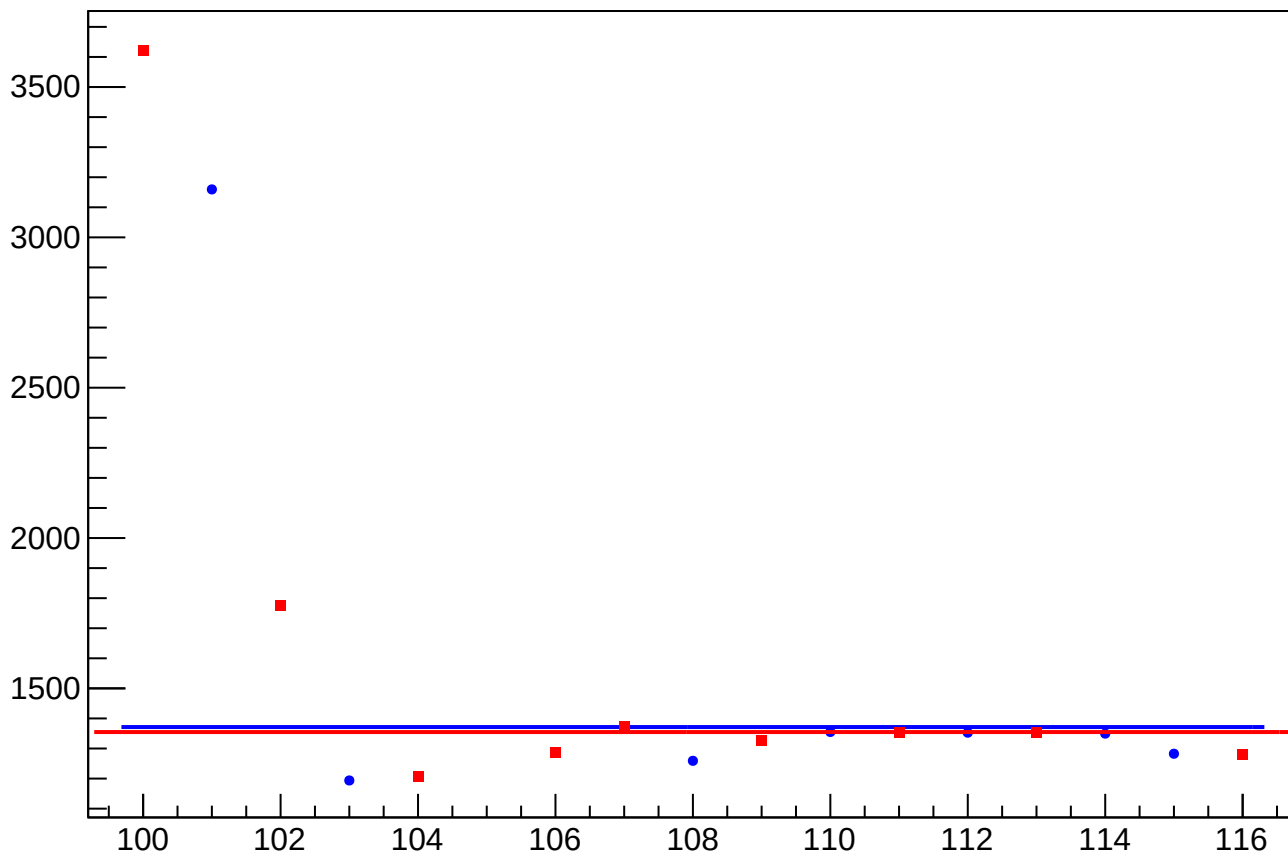
Right: -298.543+/-567.085 χ^2/NDF : 19.3/15

In: 821.094+/-861.026 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.543+/-567.085 χ^2/NDF : 19.3/15

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1371.357+/-0.609 χ^2/NDF : 453719.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.744+/-0.533 χ^2/NDF : 132440.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

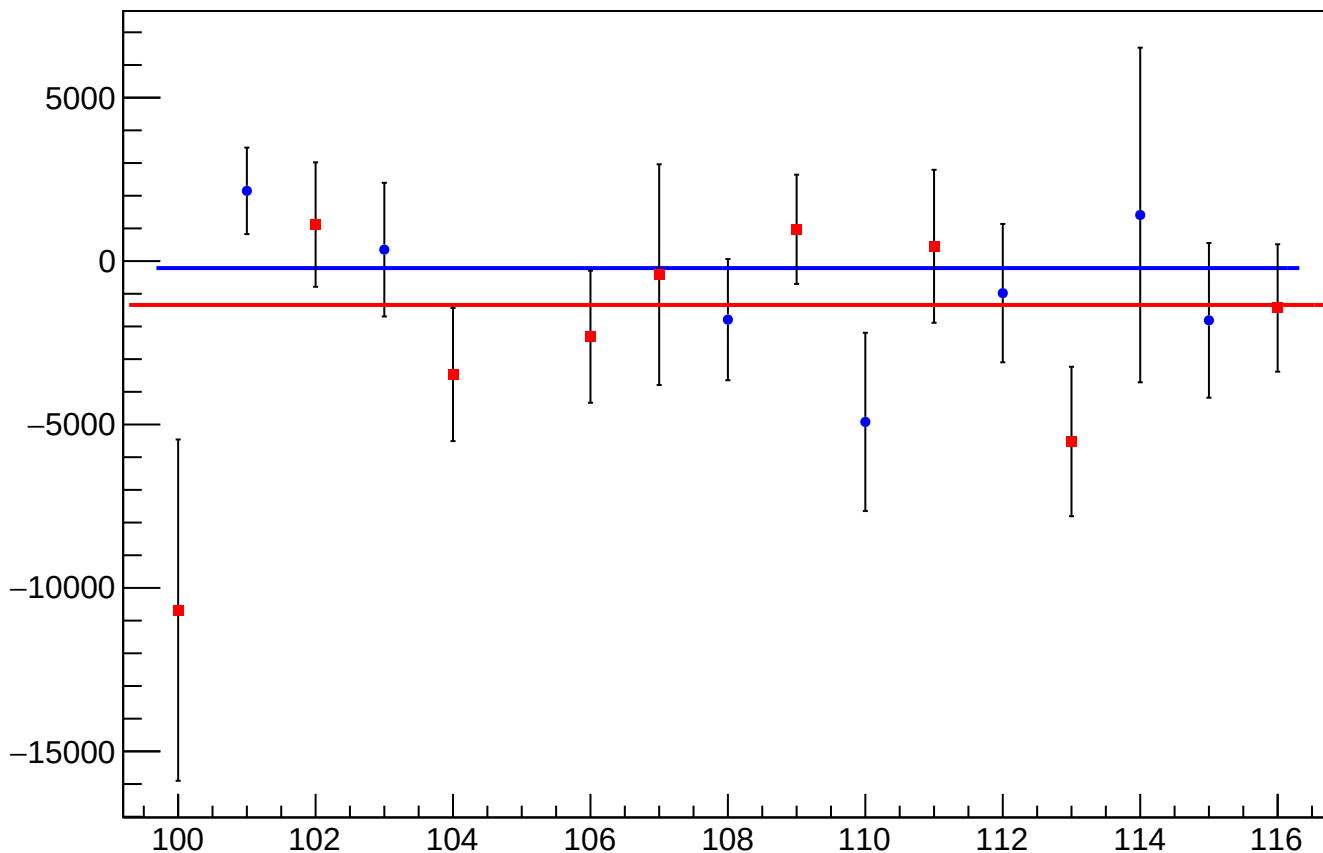
Right: 1361.950+/-0.401 χ^2/NDF : 586582.0/15

In: 1371.357+/-0.609 χ^2/NDF : 453719.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.950+/-0.401 χ^2/NDF : 586582.0/15

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.336+/-772.445 χ^2 /NDF: 7.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1342.062+/-729.166 χ^2 /NDF: 12.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

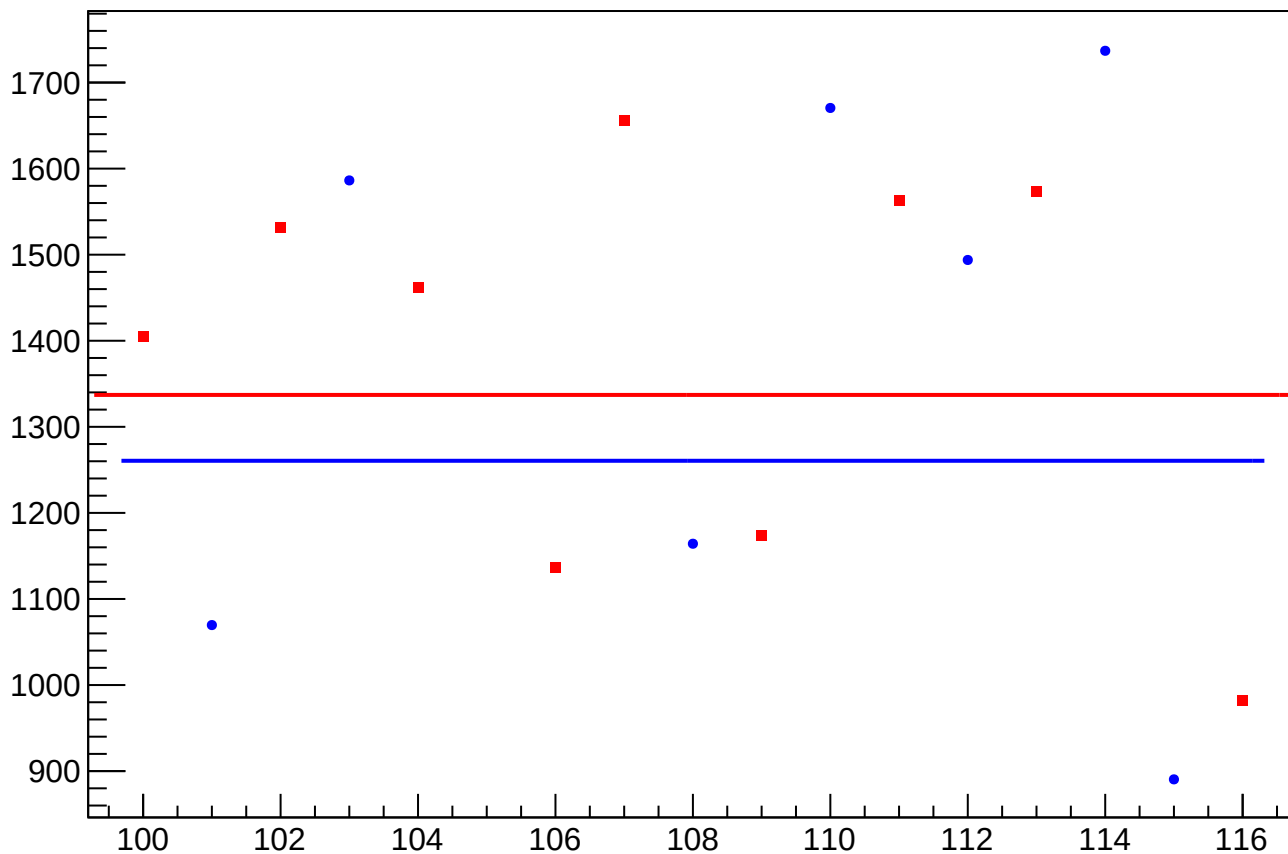
Right: -810.675+/-530.238 χ^2 /NDF: 20.9/15

In: -214.336+/-772.445 χ^2 /NDF:7.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -810.675+/-530.238 χ^2 /NDF: 20.9/15

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1260.551+/-0.546 χ^2/NDF : 233538.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.062+/-0.516 χ^2/NDF : 191429.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

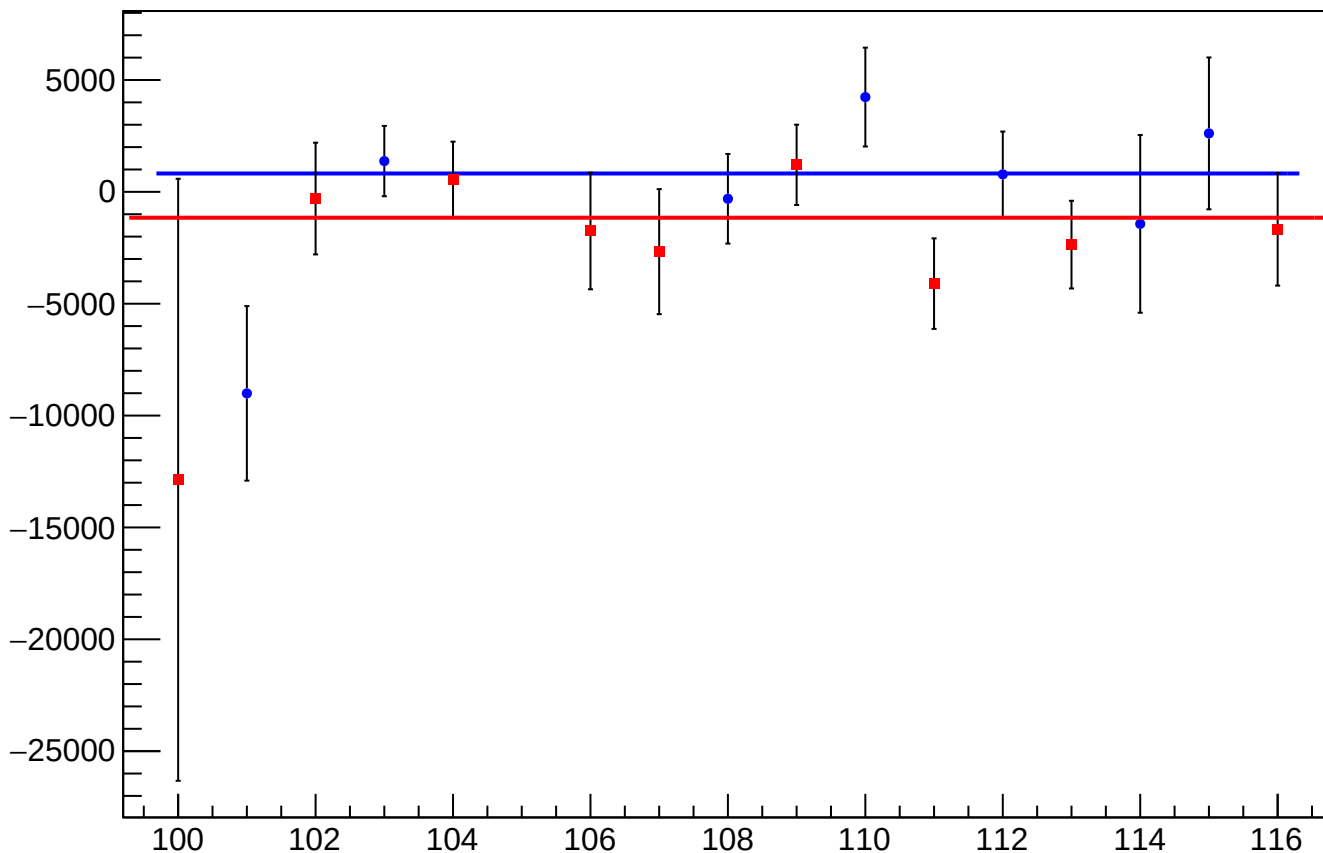
Right: 1301.010+/-0.375 χ^2/NDF : 435343.5/15

In: 1260.551+/-0.546 χ^2/NDF : 233538.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.010+/-0.375 χ^2/NDF : 435343.5/15

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 821.088+/-861.026 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.273+/-753.620 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

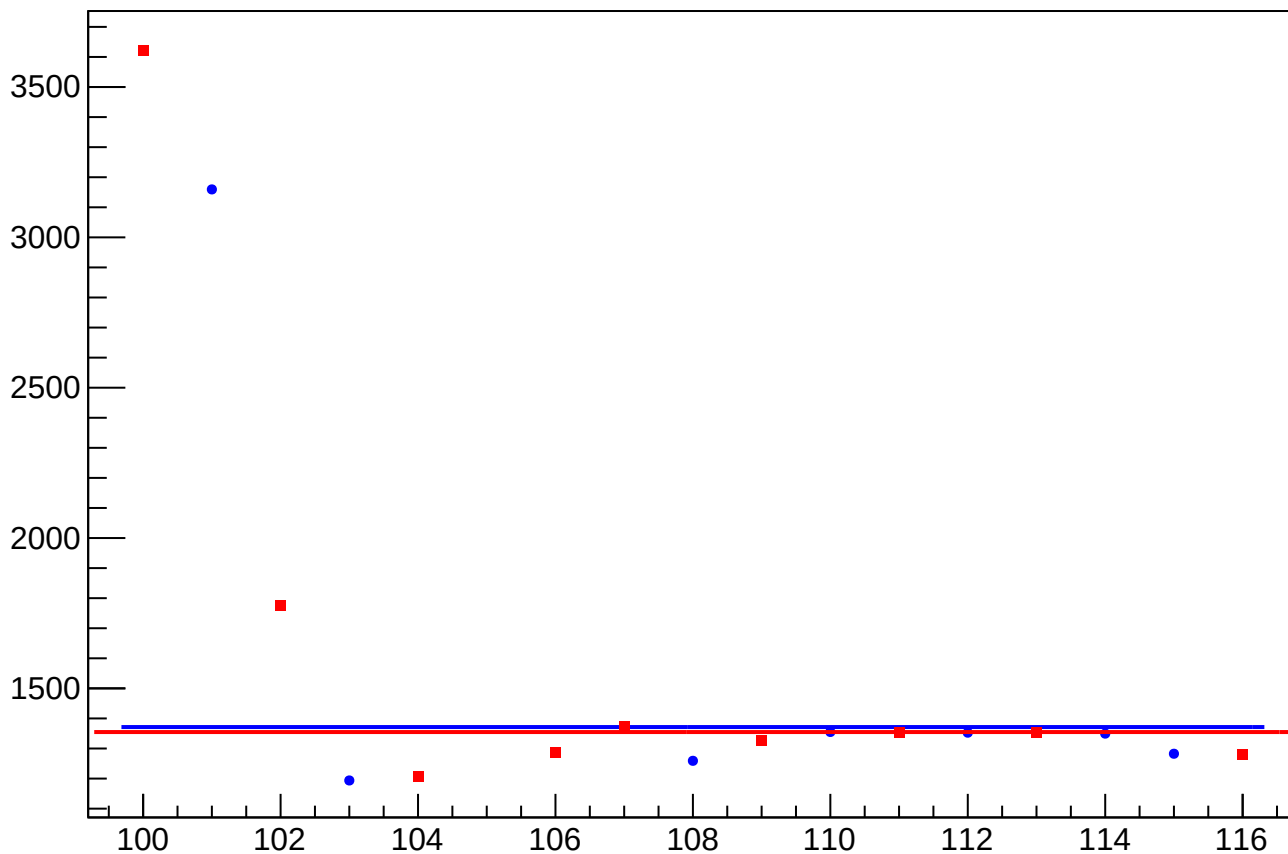
Right: -298.546+/-567.085 χ^2/NDF : 19.3/15

In: 821.088+/-861.026 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.546+/-567.085 χ^2/NDF : 19.3/15

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1371.356+/-0.609 χ^2/NDF : 453720.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.744+/-0.533 χ^2/NDF : 132440.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

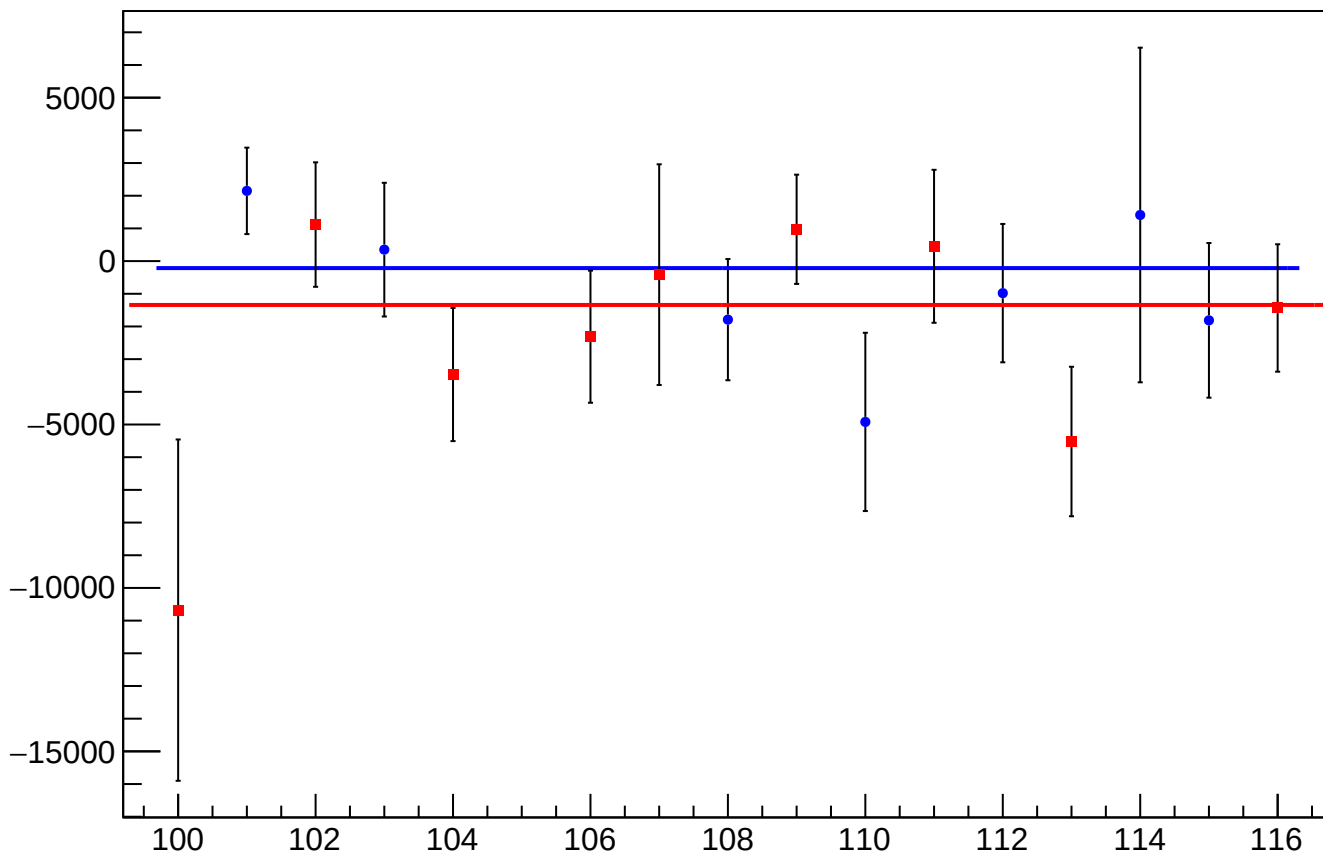
Right: 1361.950+/-0.401 χ^2/NDF : 586582.2/15

In: 1371.356+/-0.609 χ^2/NDF : 453720.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.950+/-0.401 χ^2/NDF : 586582.2/15

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.335+/-772.443 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1342.066+/-729.166 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

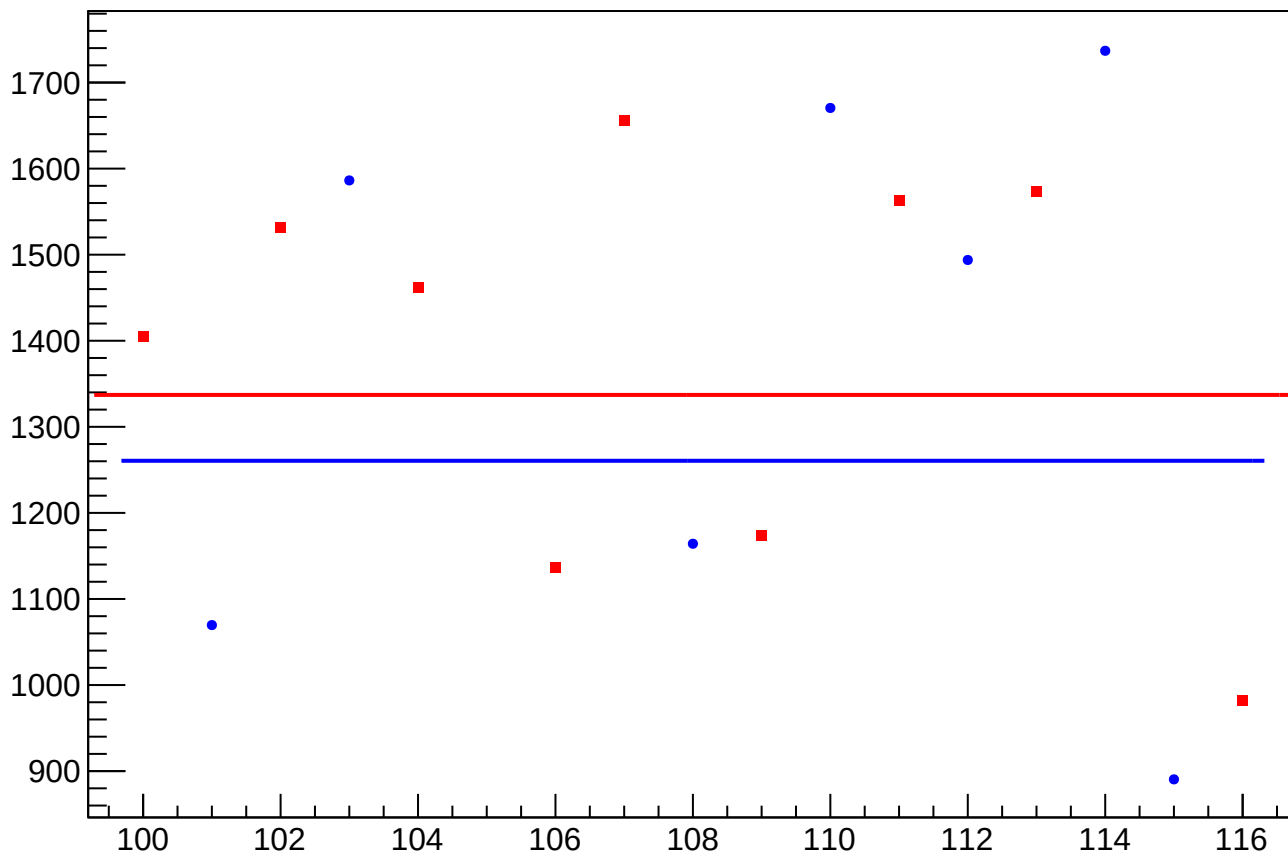
Right: -810.675+/-530.238 χ^2/NDF : 20.9/15

In: -214.335+/-772.443 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.675+/-530.238 χ^2/NDF : 20.9/15

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1260.547 $\pm$ 0.546 χ^2 /NDF: 233542.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1337.063 $\pm$ 0.516 χ^2 /NDF: 191428.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

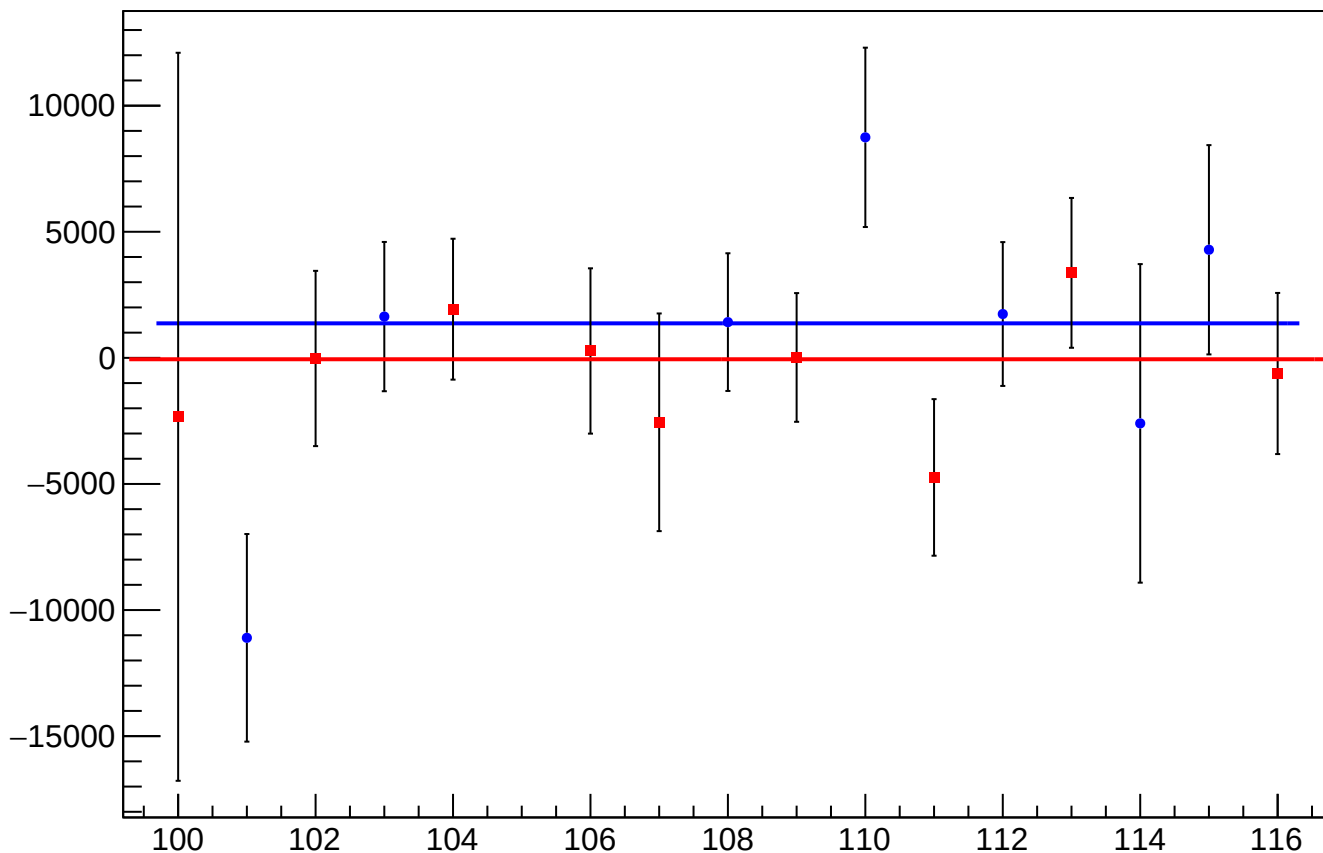
Right: 1301.009 $\pm$ 0.375 χ^2 /NDF: 435348.4/15

In: 1260.547 $\pm$ 0.546 χ^2 /NDF:233542.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1301.009 $\pm$ 0.375 χ^2 /NDF: 435348.4/15

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 1368.770+/-1299.098 χ^2/NDF : 14.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.138+/-1096.854 χ^2/NDF : 4.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

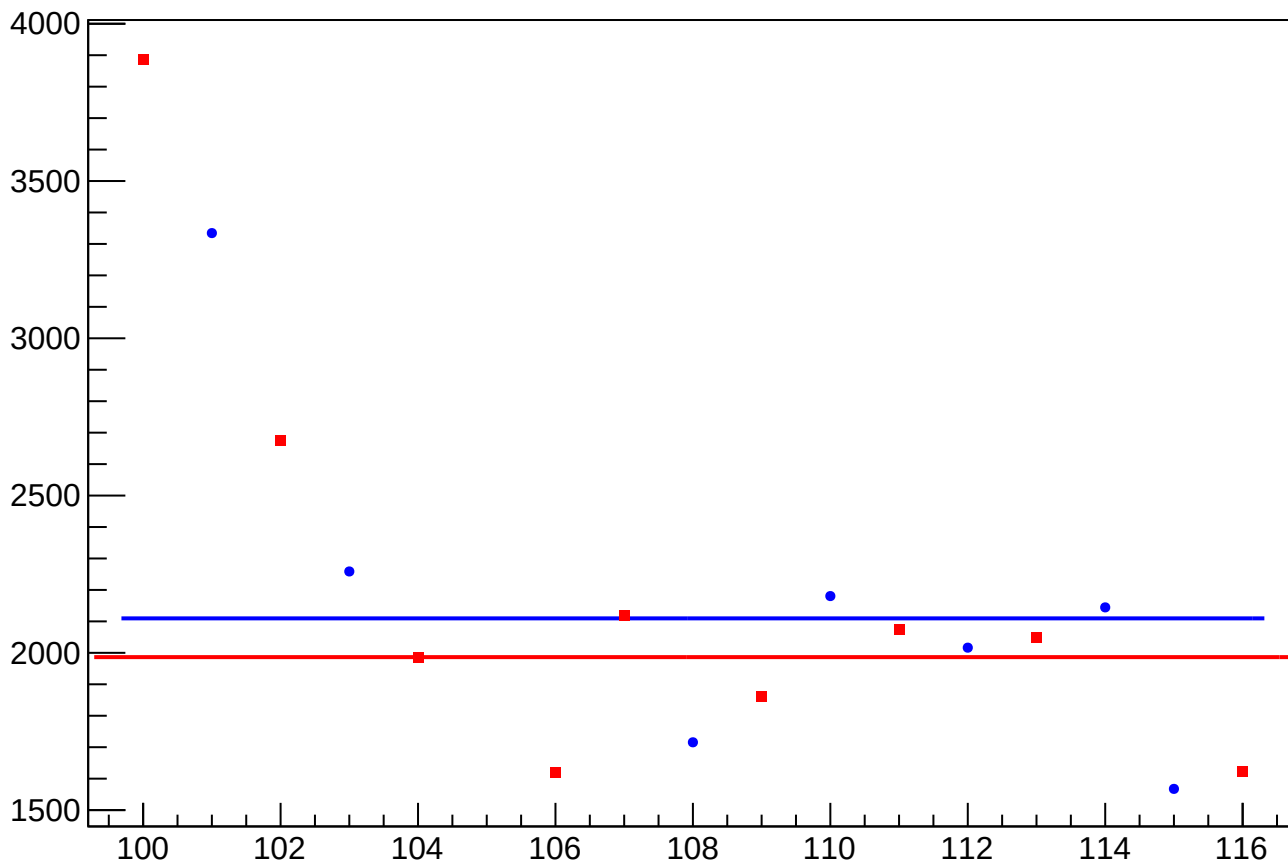
Right: 537.473+/-838.081 χ^2/NDF : 19.6/15

In: 1368.770+/-1299.098 χ^2/NDF : 14.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.473+/-838.081 χ^2/NDF : 19.6/15

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2109.570+/-0.919 χ^2/NDF : 260949.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1986.378+/-0.776 χ^2/NDF : 173200.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

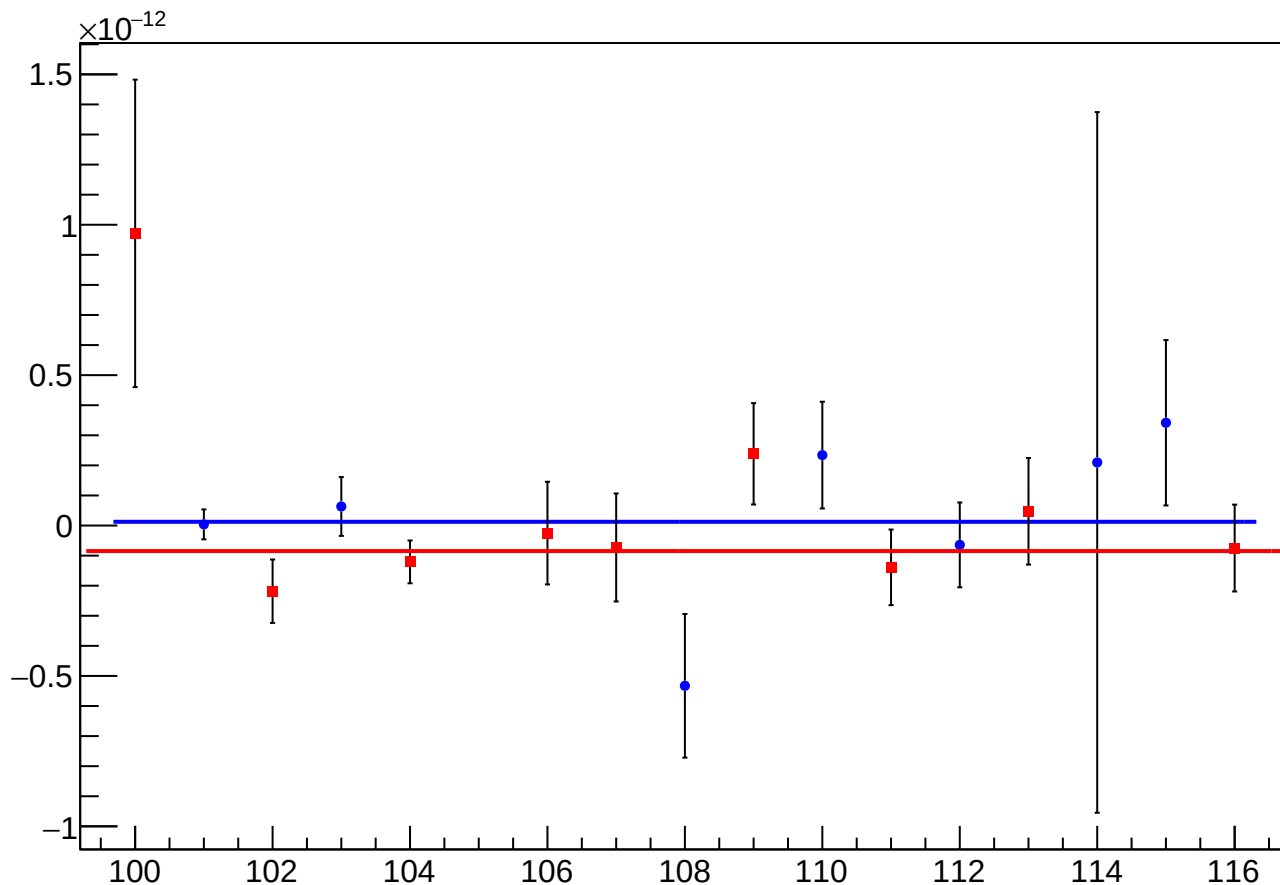
Right: 2037.647+/-0.593 χ^2/NDF : 444649.5/15

In: 2109.570+/-0.919 χ^2/NDF : 260949.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2037.647+/-0.593 χ^2/NDF : 444649.5/15

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

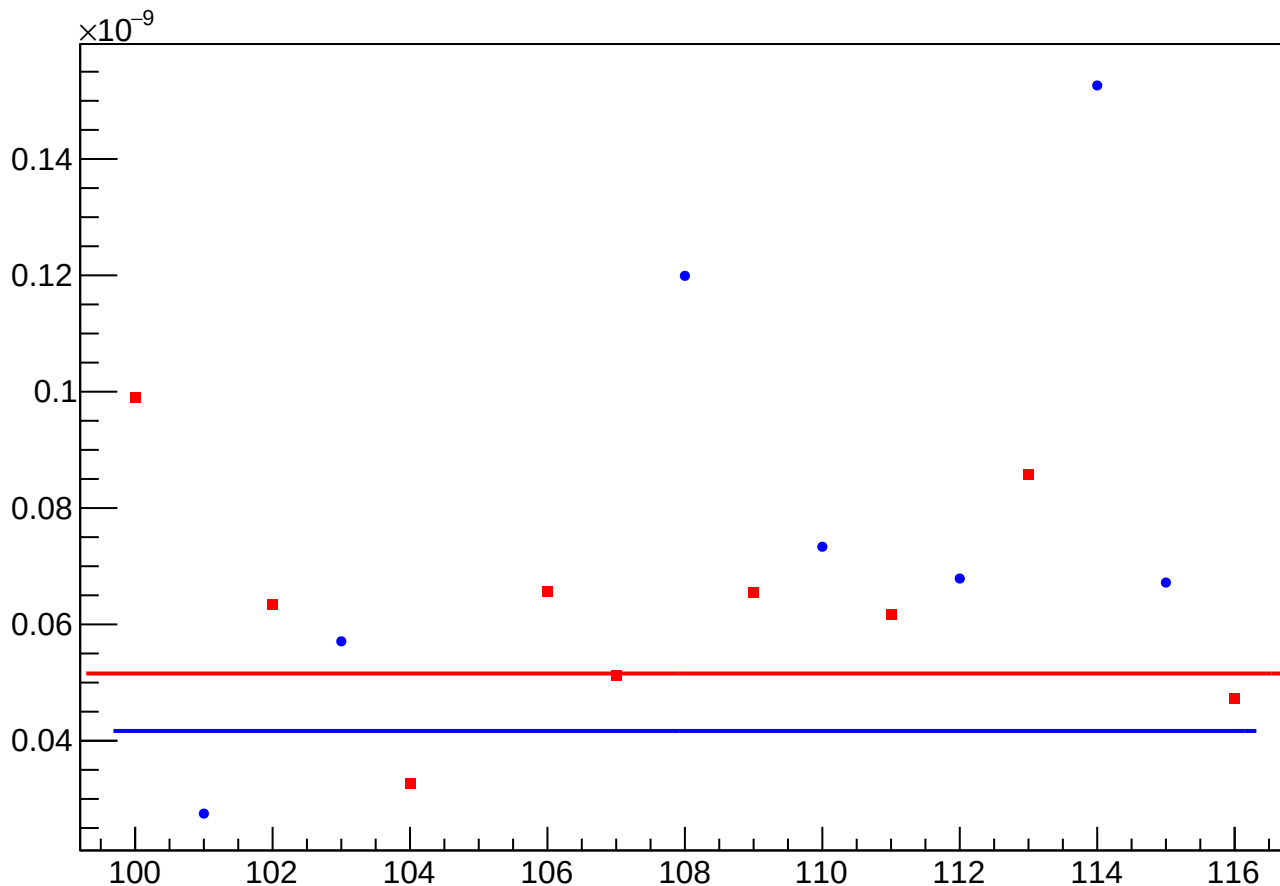
Right: -0.000+/-0.000 χ^2/NDF : 22.2/15

In: 0.000+/-0.000 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/15

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 595143.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 301444.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

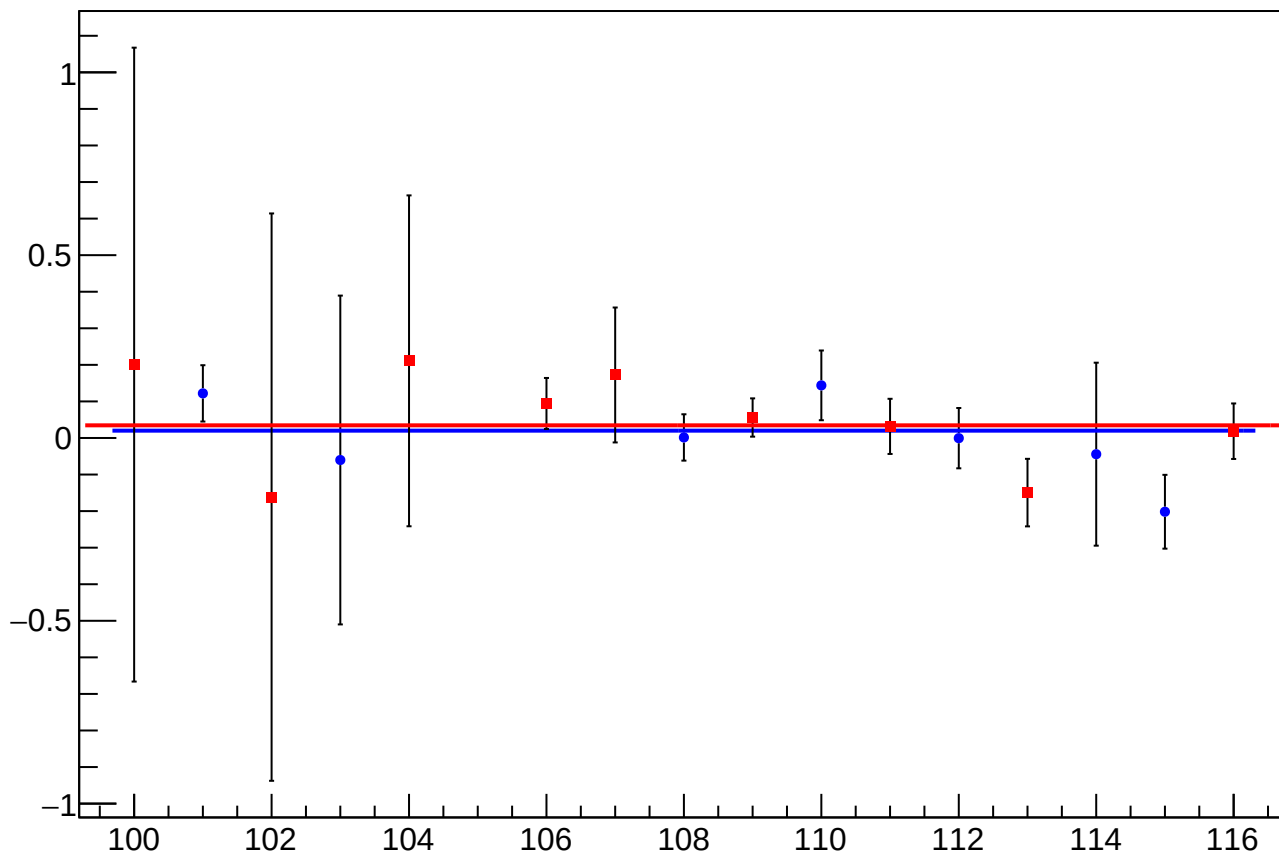
Right: 0.000+/-0.000 χ^2/NDF : 952643.7/15

In: 0.000+/-0.000 χ^2/NDF : 595143.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 952643.7/15

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

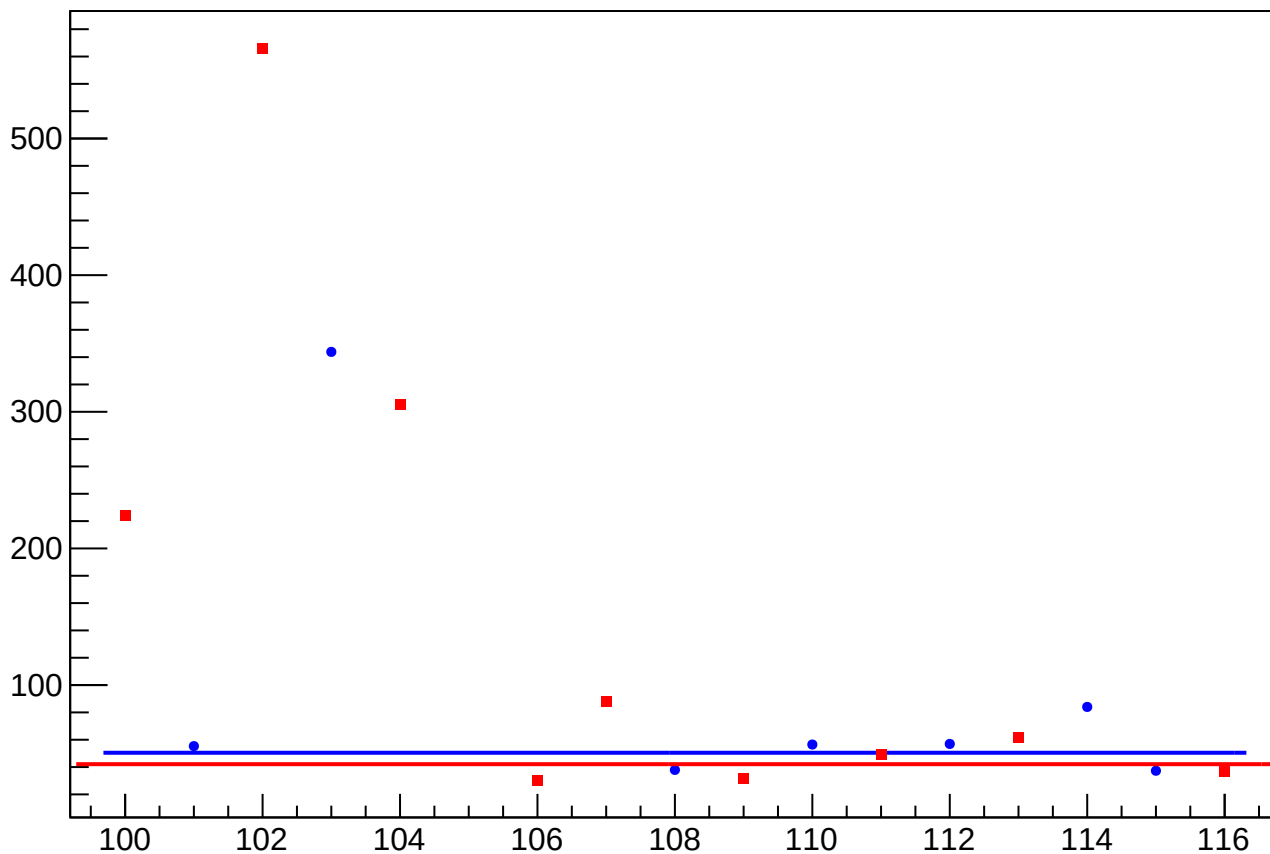
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

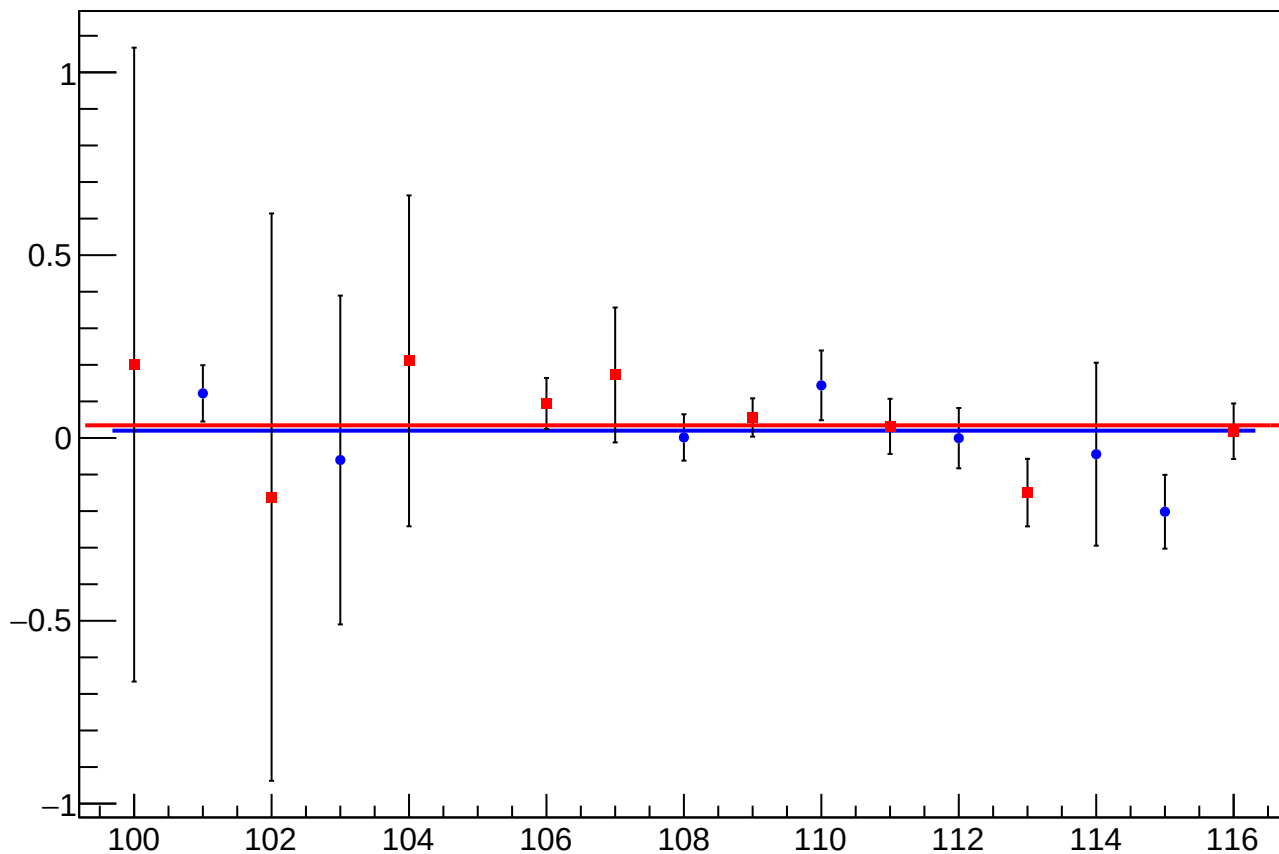
Right: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

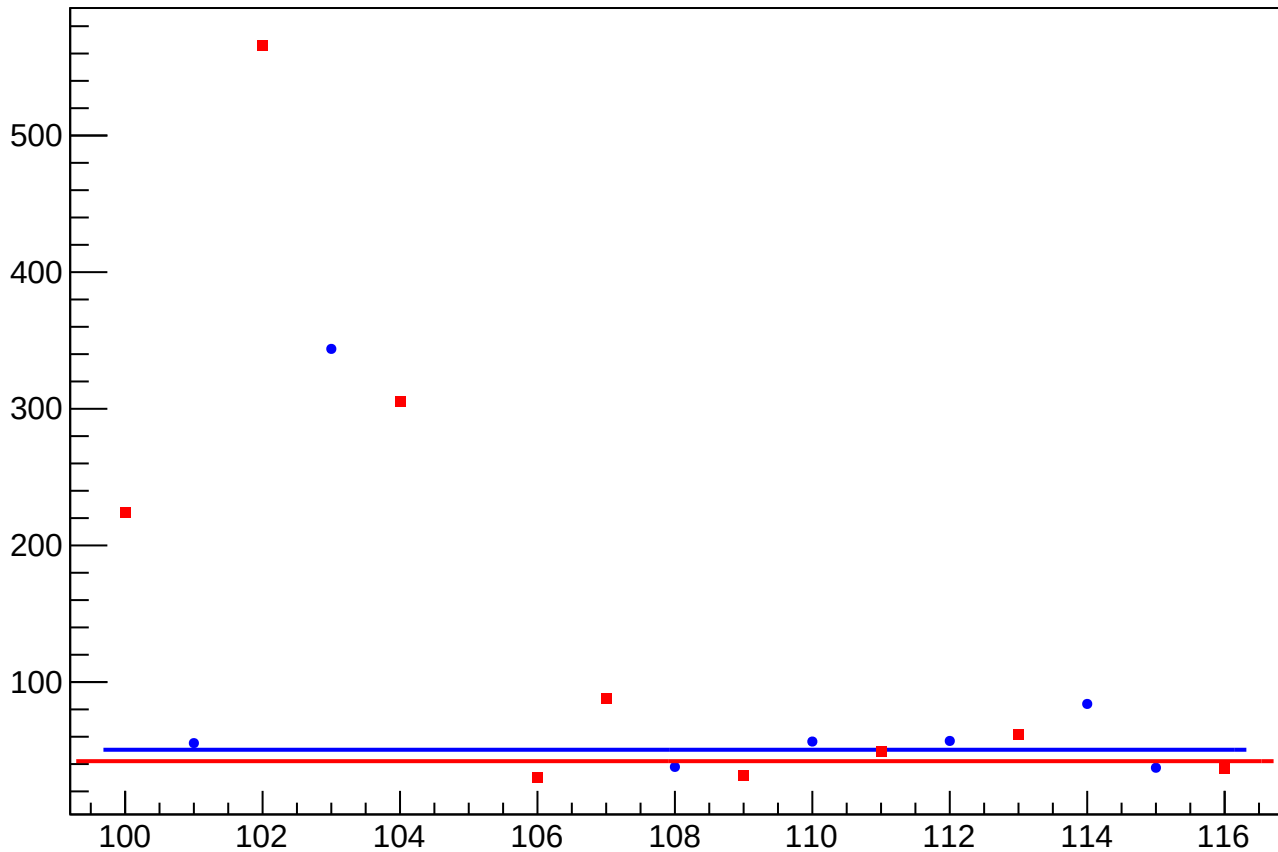
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

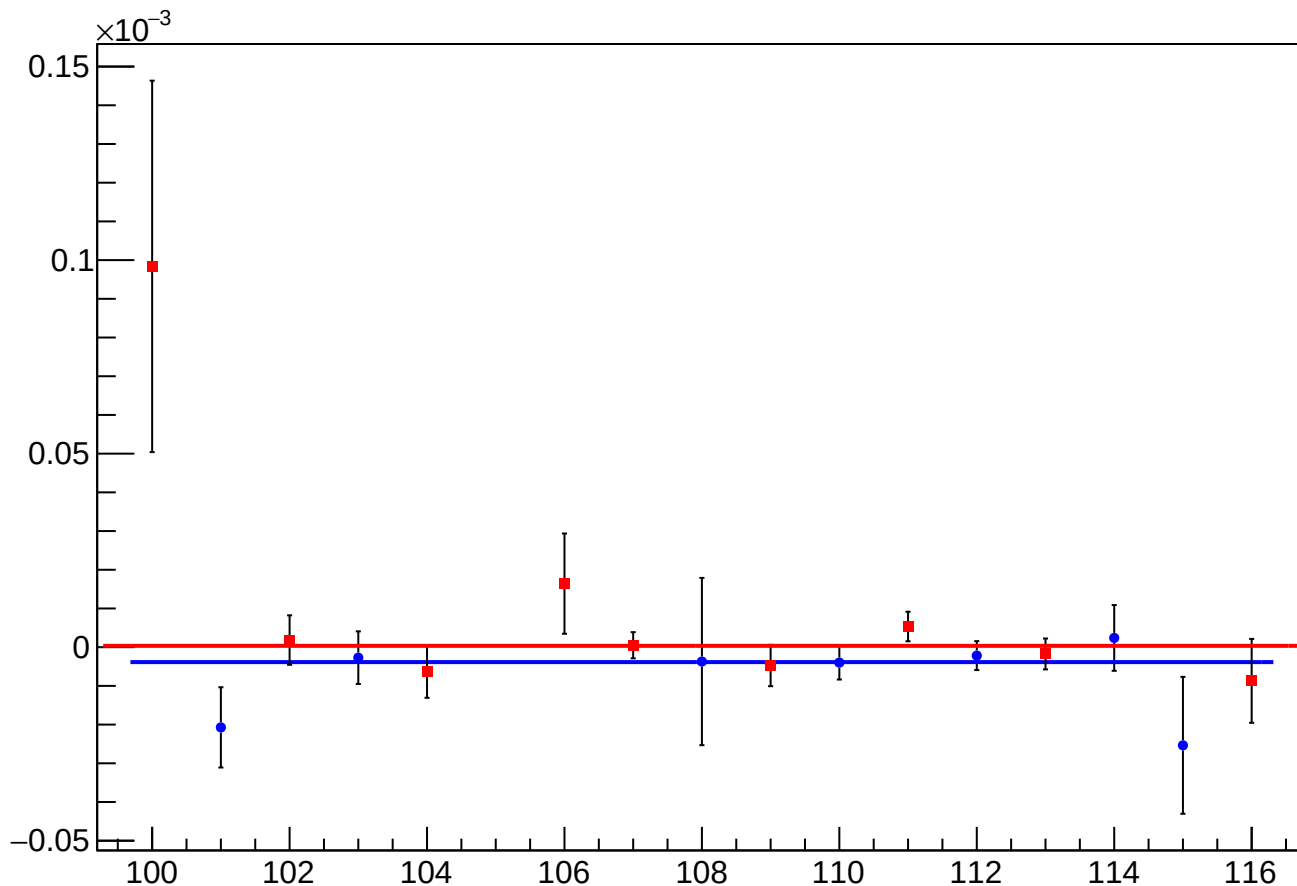
Right: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

In: 50.471+/-0.025 χ^2/NDF : 1027926.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.667+/-0.016 χ^2/NDF : 3155962.4/15

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

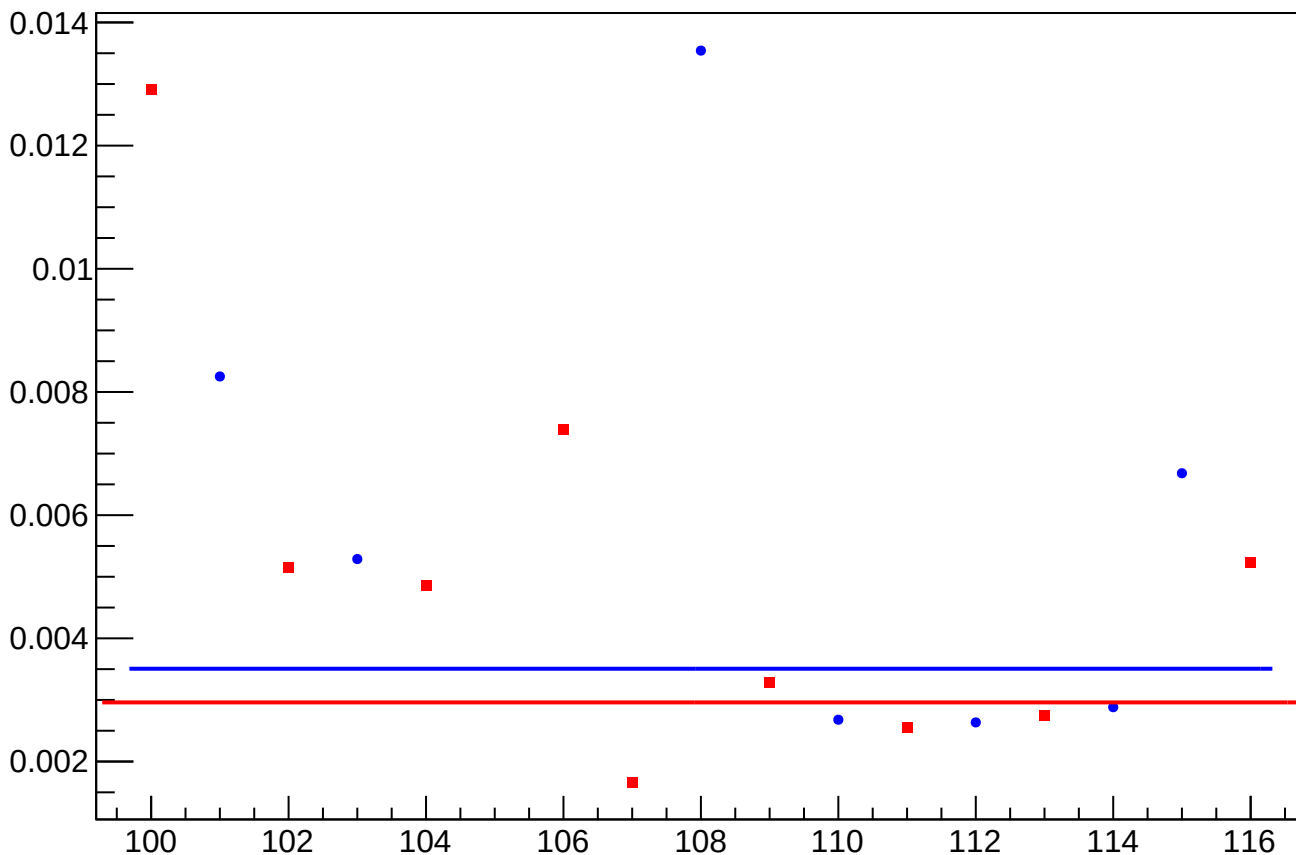
Right: -0.000+/-0.000 χ^2/NDF : 17.2/15

In: -0.000+/-0.000 χ^2/NDF :4.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/15

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1243355.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1133395.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

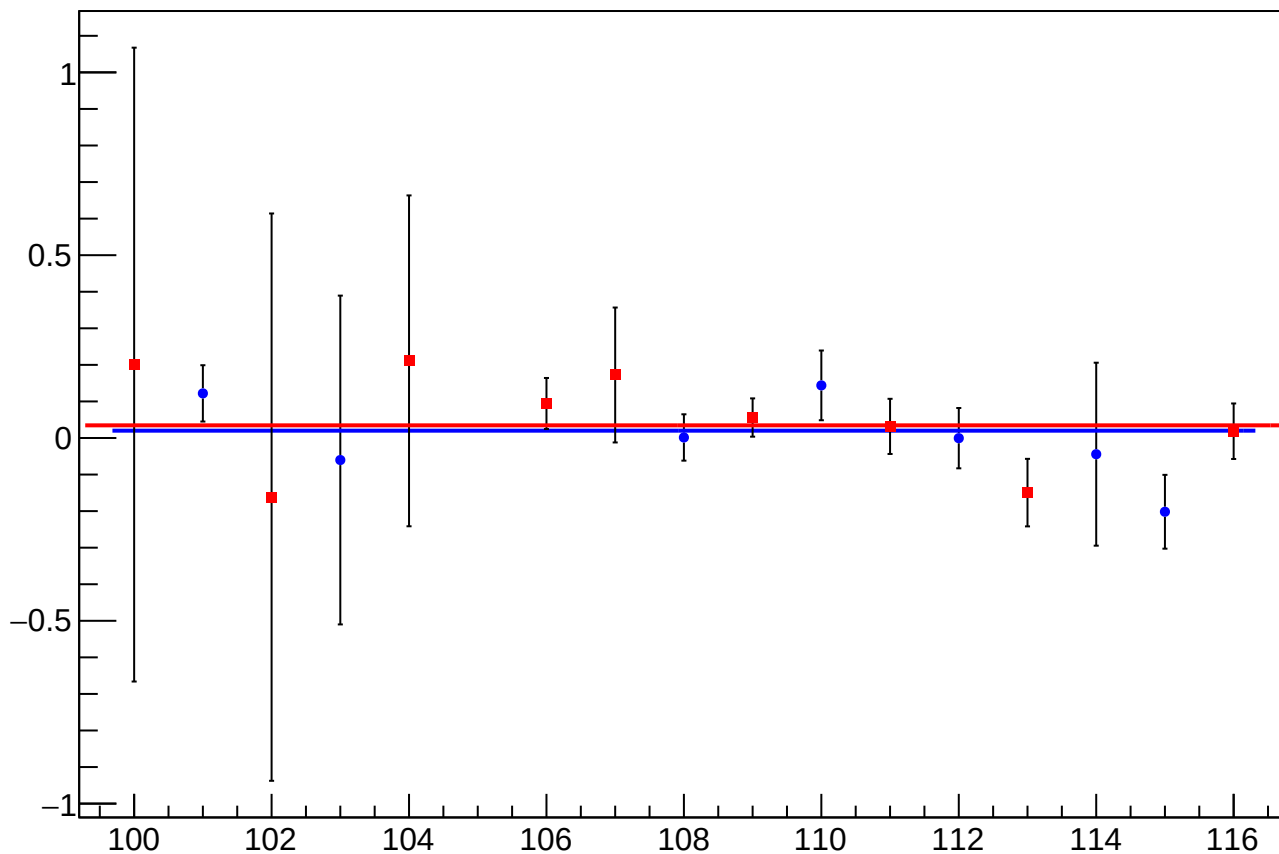
Right: 0.003+/-0.000 χ^2/NDF : 2443779.0/15

In: 0.004+/-0.000 χ^2/NDF :1243355.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2443779.0/15

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

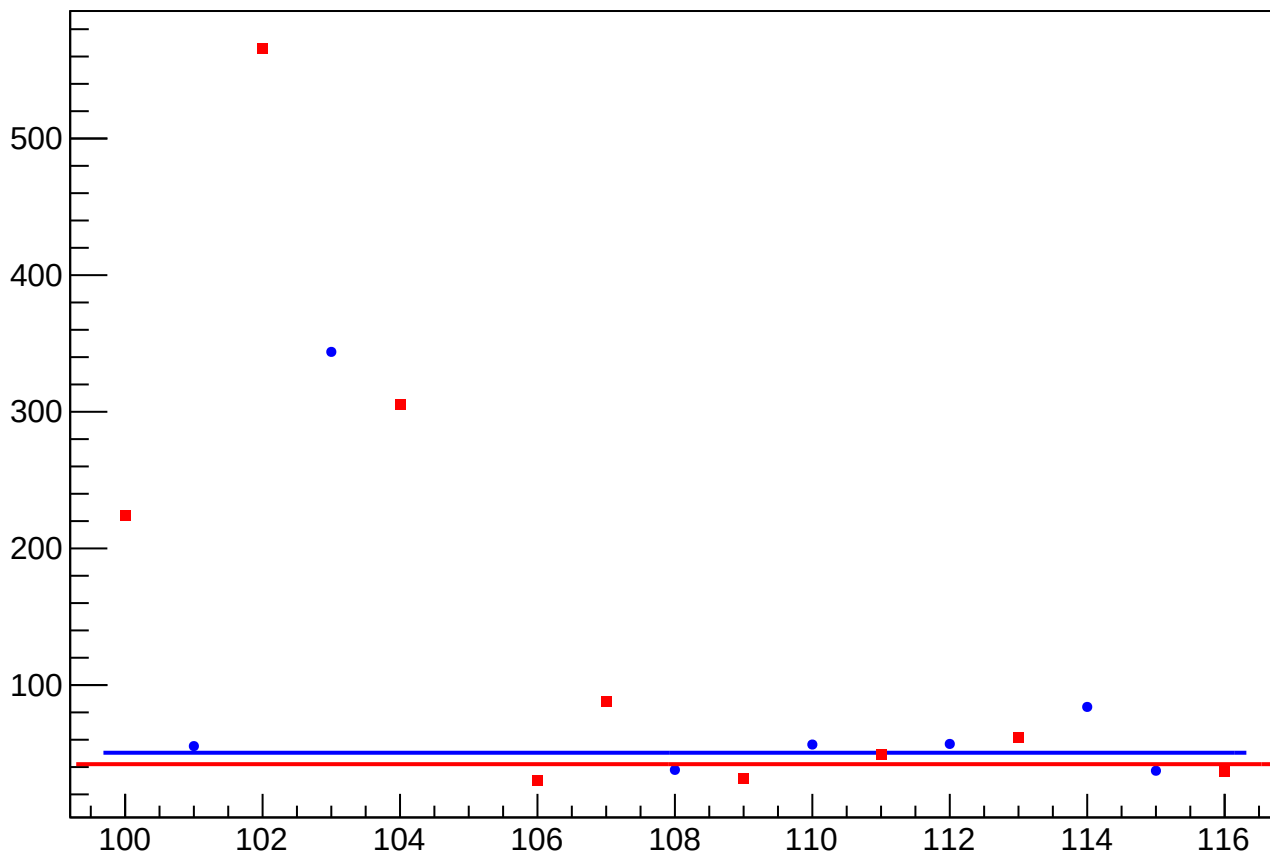
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

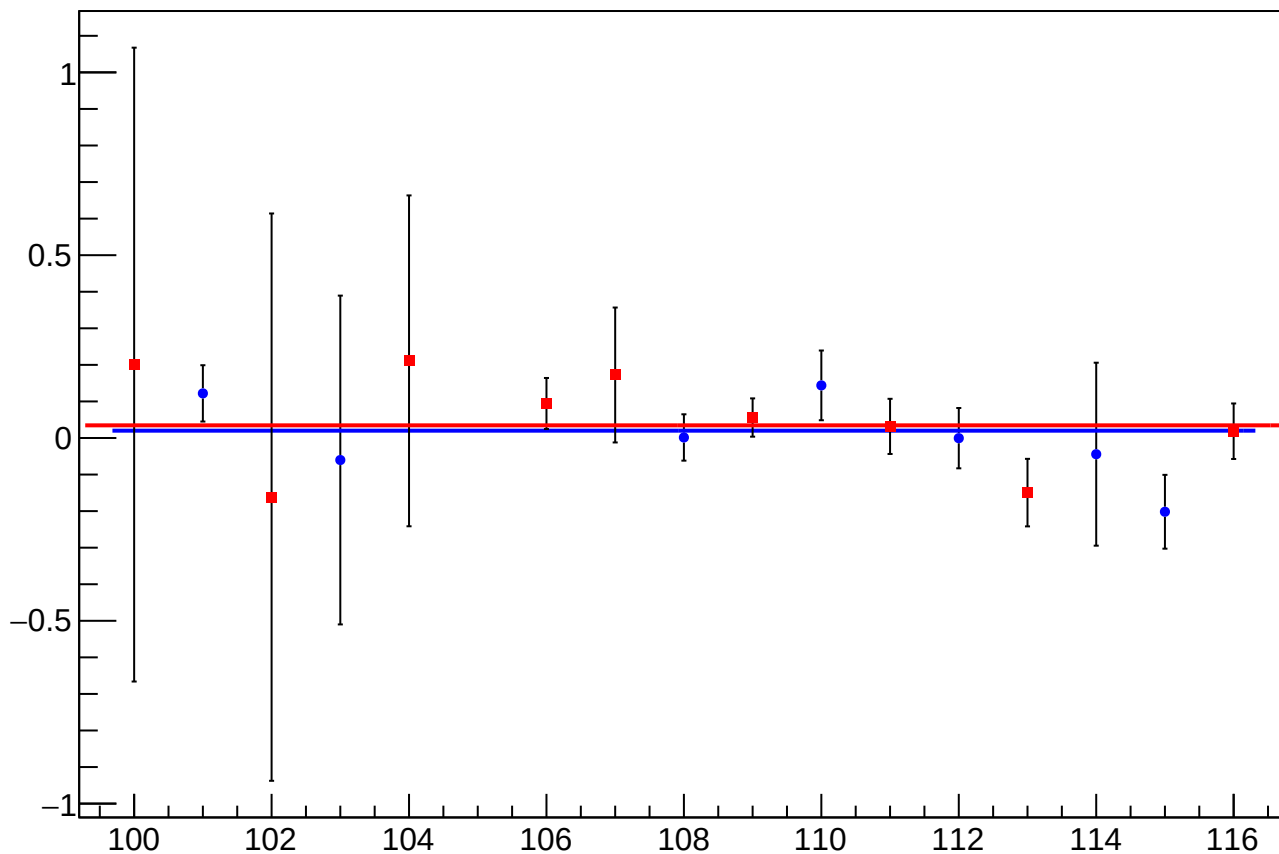
Right: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.031 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

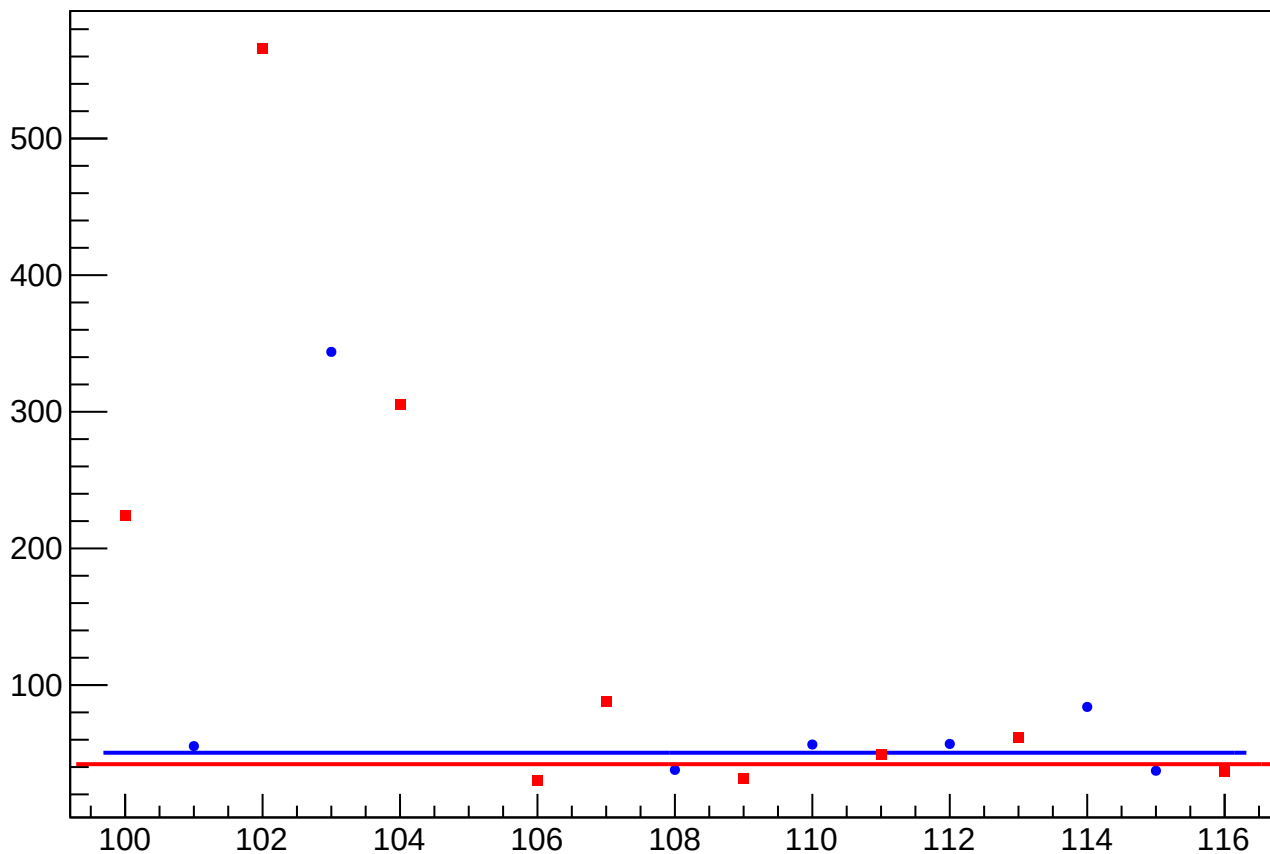
Right: 0.028+/-0.023 χ^2/NDF : 14.3/15

In: 0.020+/-0.035 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.023 χ^2/NDF : 14.3/15

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

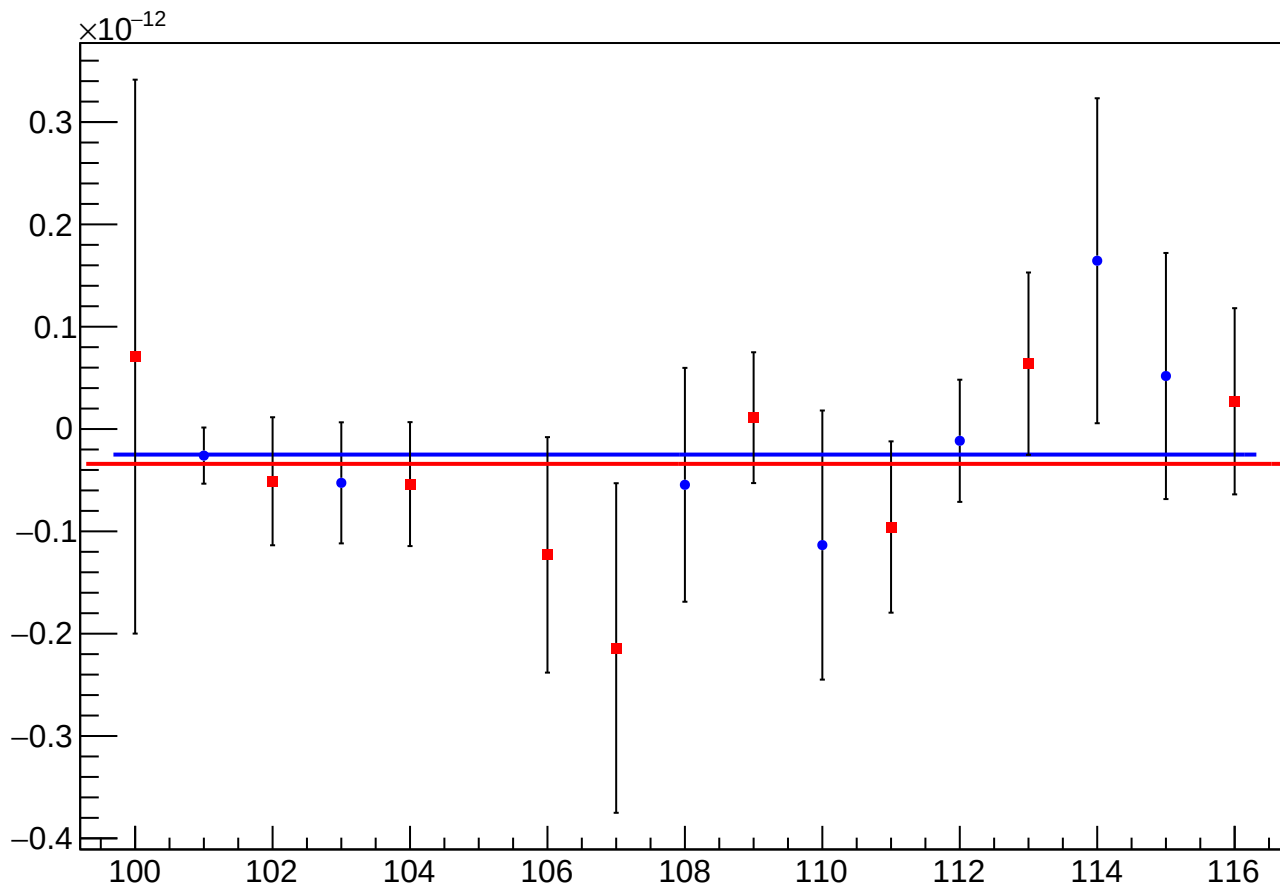
Right: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

In: 50.475+/-0.025 χ^2/NDF : 1027816.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.668+/-0.016 χ^2/NDF : 3155993.9/15

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 : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

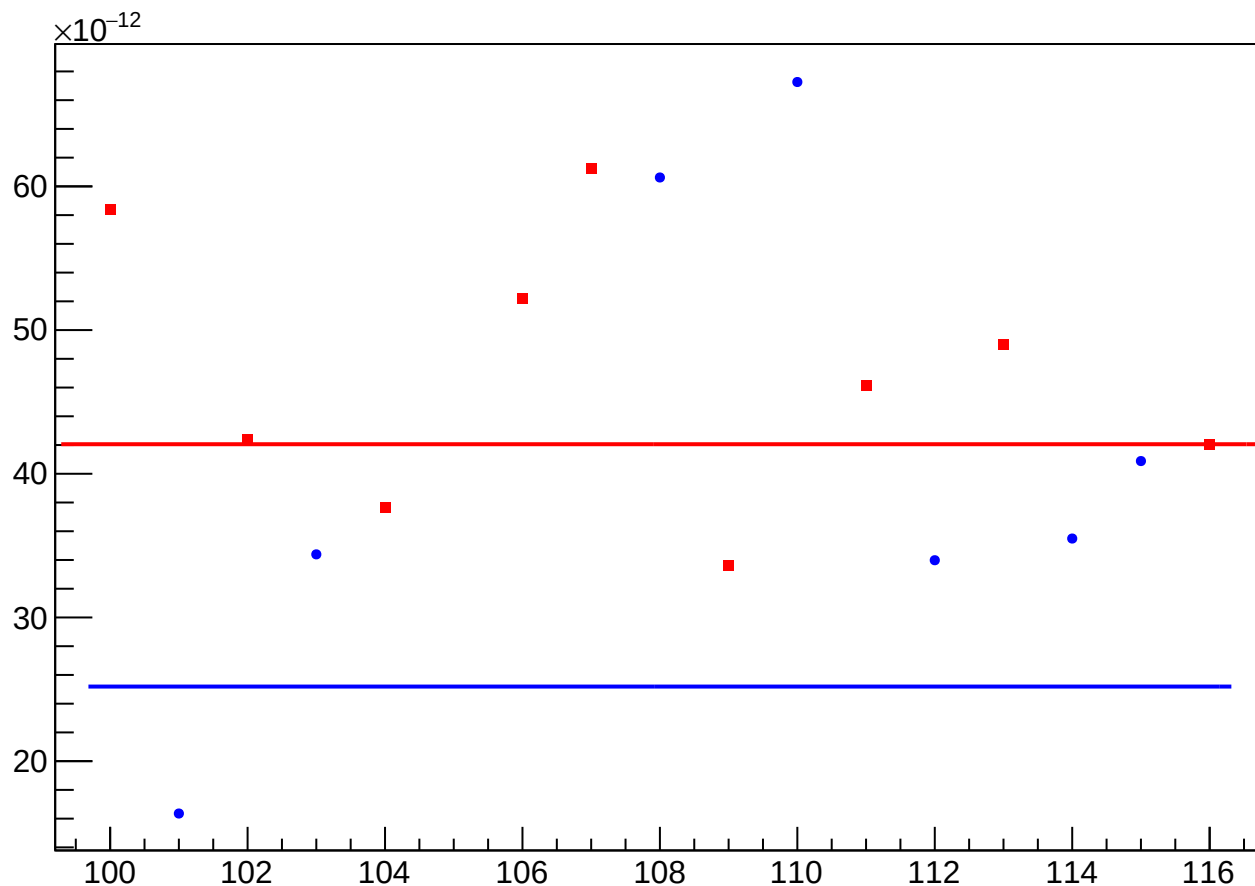
Right: -0.000+/-0.000 χ^2/NDF : 7.6/15

In: -0.000+/-0.000 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/15

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 : 738555.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113758.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

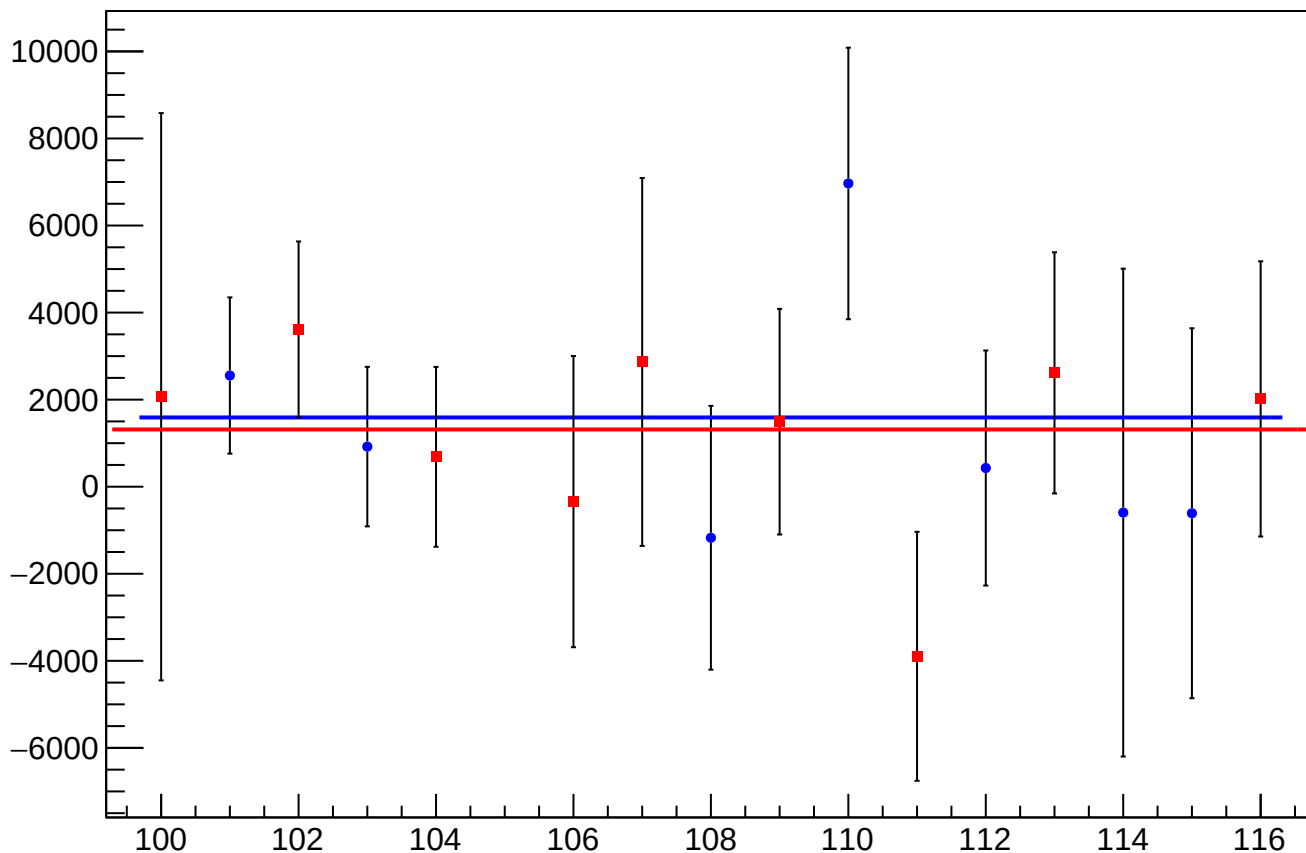
Right: 0.000+/-0.000 χ^2/NDF : 1309972.4/15

In: 0.000+/-0.000 χ^2/NDF : 738555.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1309972.4/15

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1591.155+/-978.431 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.016+/-932.761 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

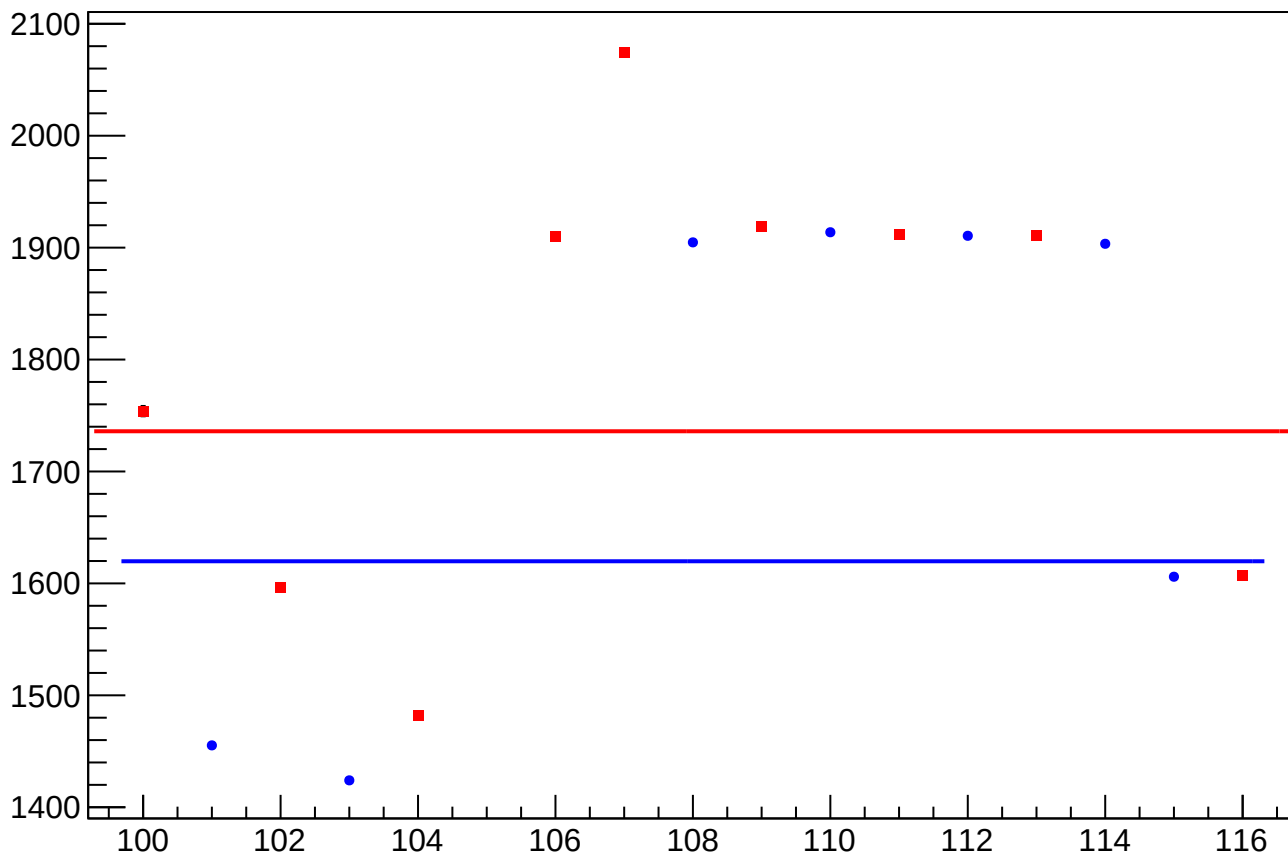
Right: 1446.491+/-675.130 χ^2/NDF : 10.2/15

In: 1591.155+/-978.431 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1446.491+/-675.130 χ^2/NDF : 10.2/15

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1619.777+/-0.692 χ^2/NDF : 103441.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1735.928+/-0.660 χ^2/NDF : 86852.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

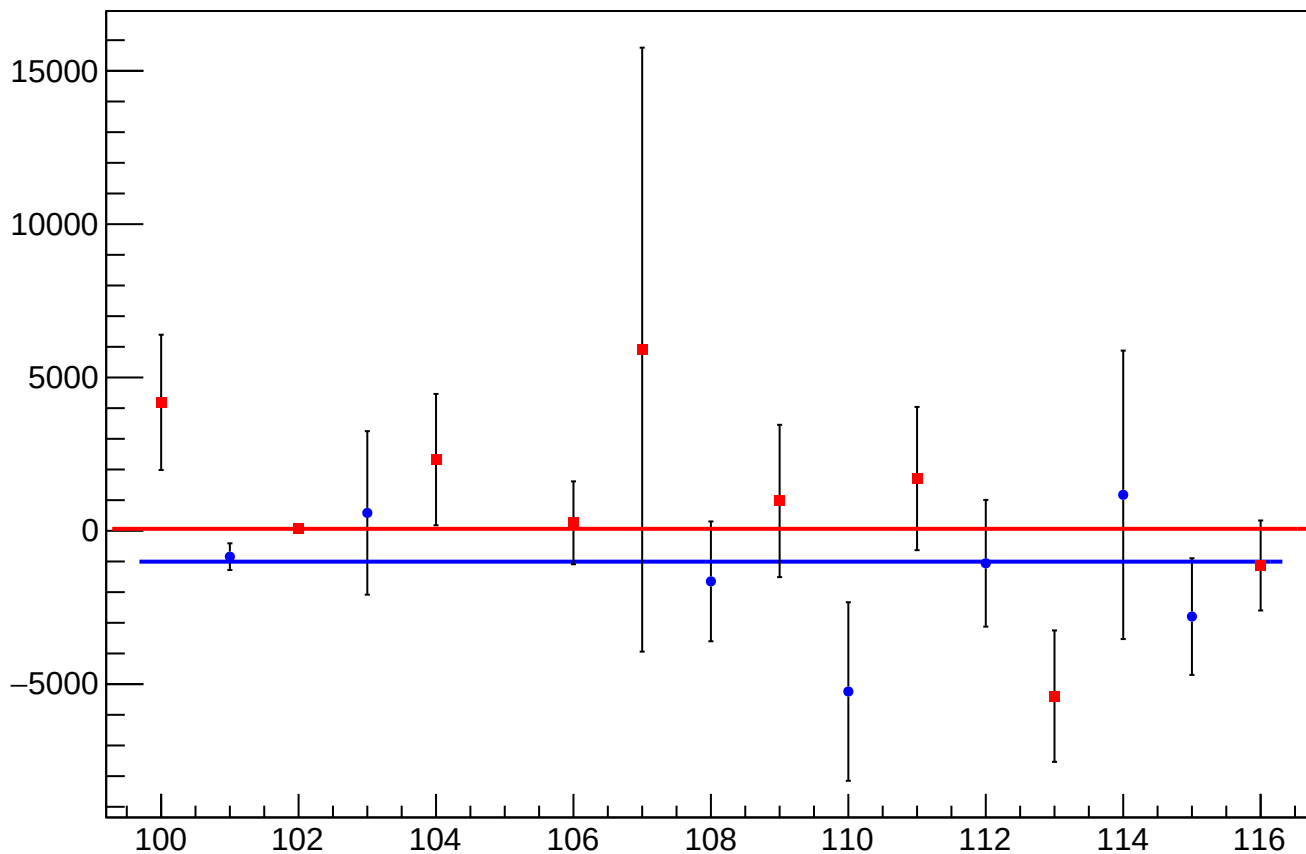
Right: 1680.626+/-0.477 χ^2/NDF : 205058.7/15

In: 1619.777+/-0.692 χ^2/NDF : 103441.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1680.626+/-0.477 χ^2/NDF : 205058.7/15

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1005.551+/-396.792 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.121+/-135.184 χ^2/NDF : 12.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

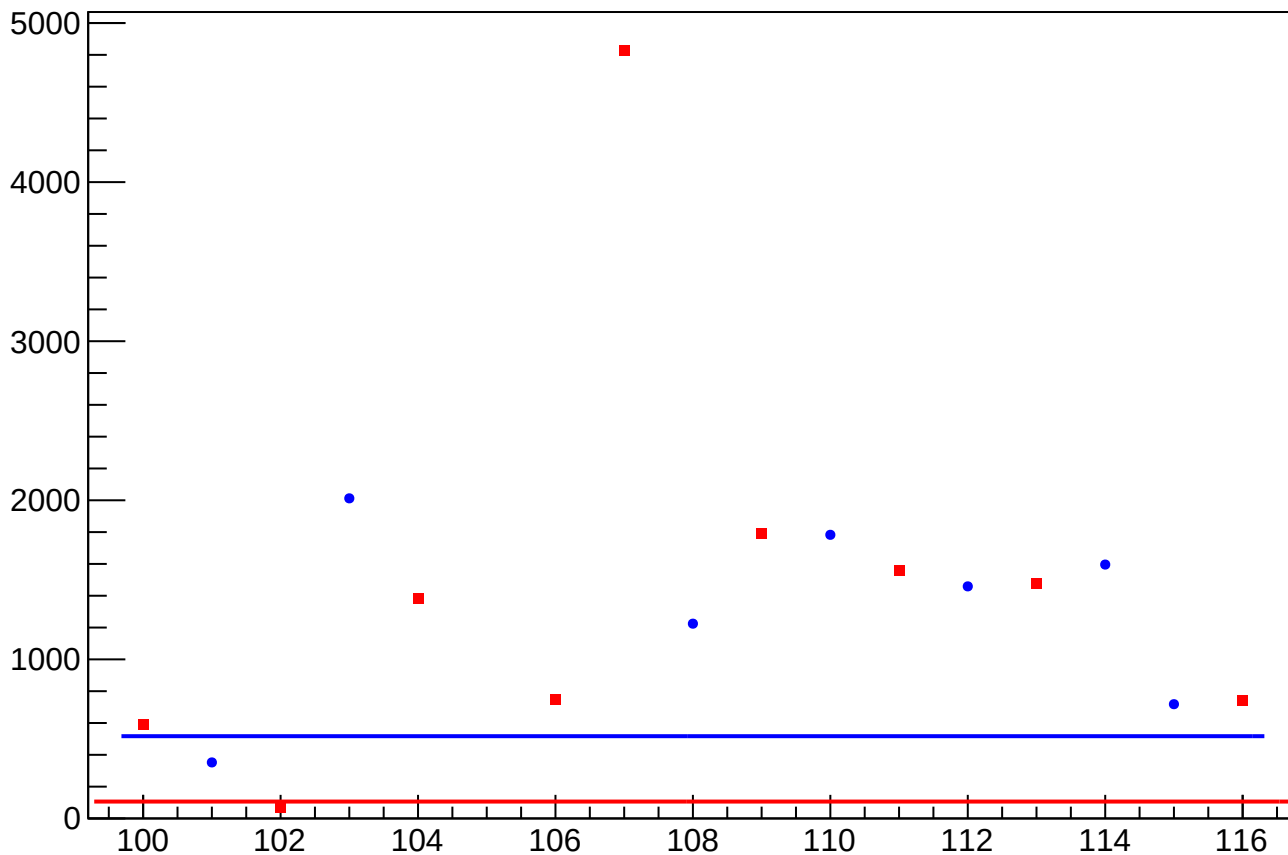
Right: -46.229+/-127.962 χ^2/NDF : 23.1/15

In: -1005.551+/-396.792 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.229+/-127.962 χ^2/NDF : 23.1/15

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 517.134+/-0.281 χ^2/NDF : 2099142.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.190+/-0.096 χ^2/NDF : 4748192.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

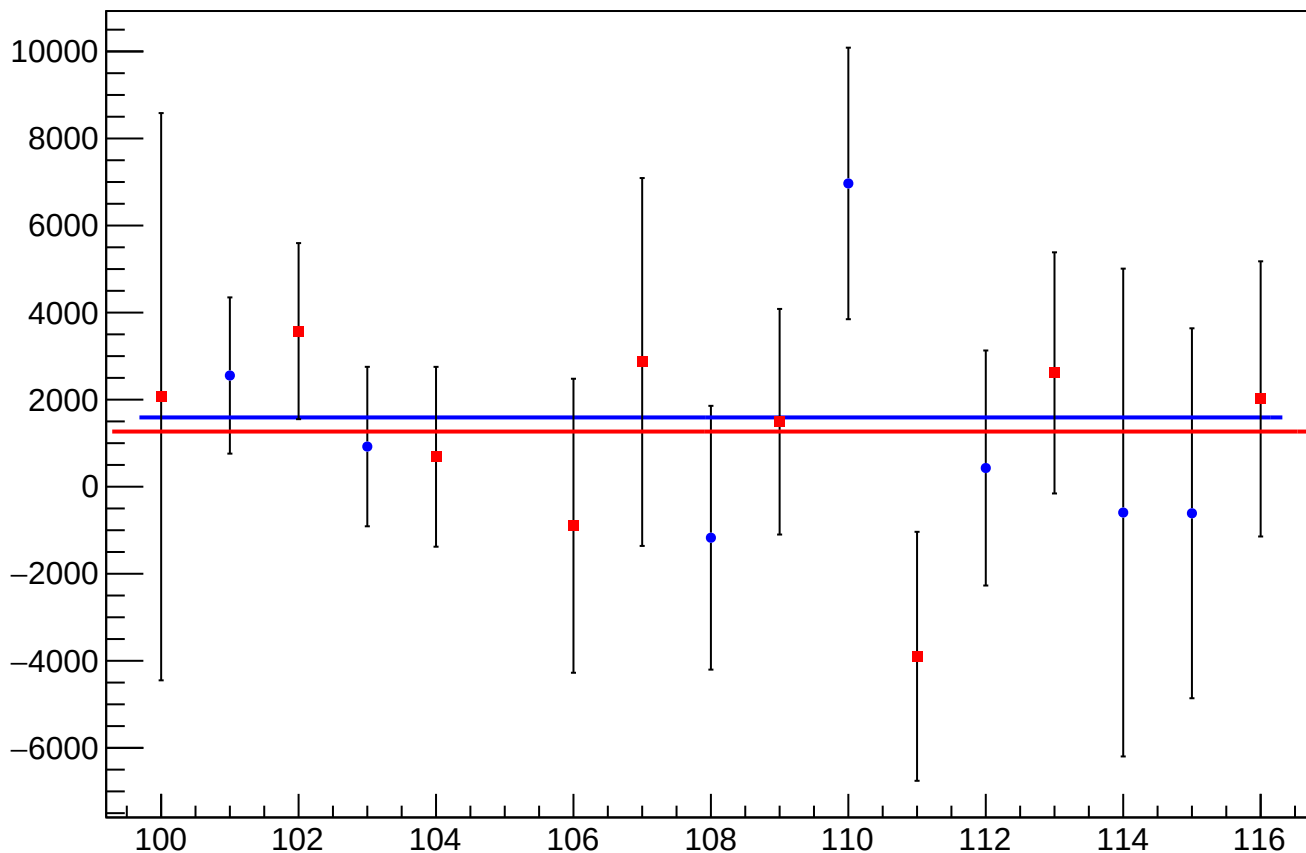
Right: 148.928+/-0.090 χ^2/NDF : 8769448.1/15

In: 517.134+/-0.281 χ^2/NDF : 2099142.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.928+/-0.090 χ^2/NDF : 8769448.1/15

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1591.601+/-978.431 χ^2 /NDF: 4.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1266.967+/-933.479 χ^2 /NDF: 5.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

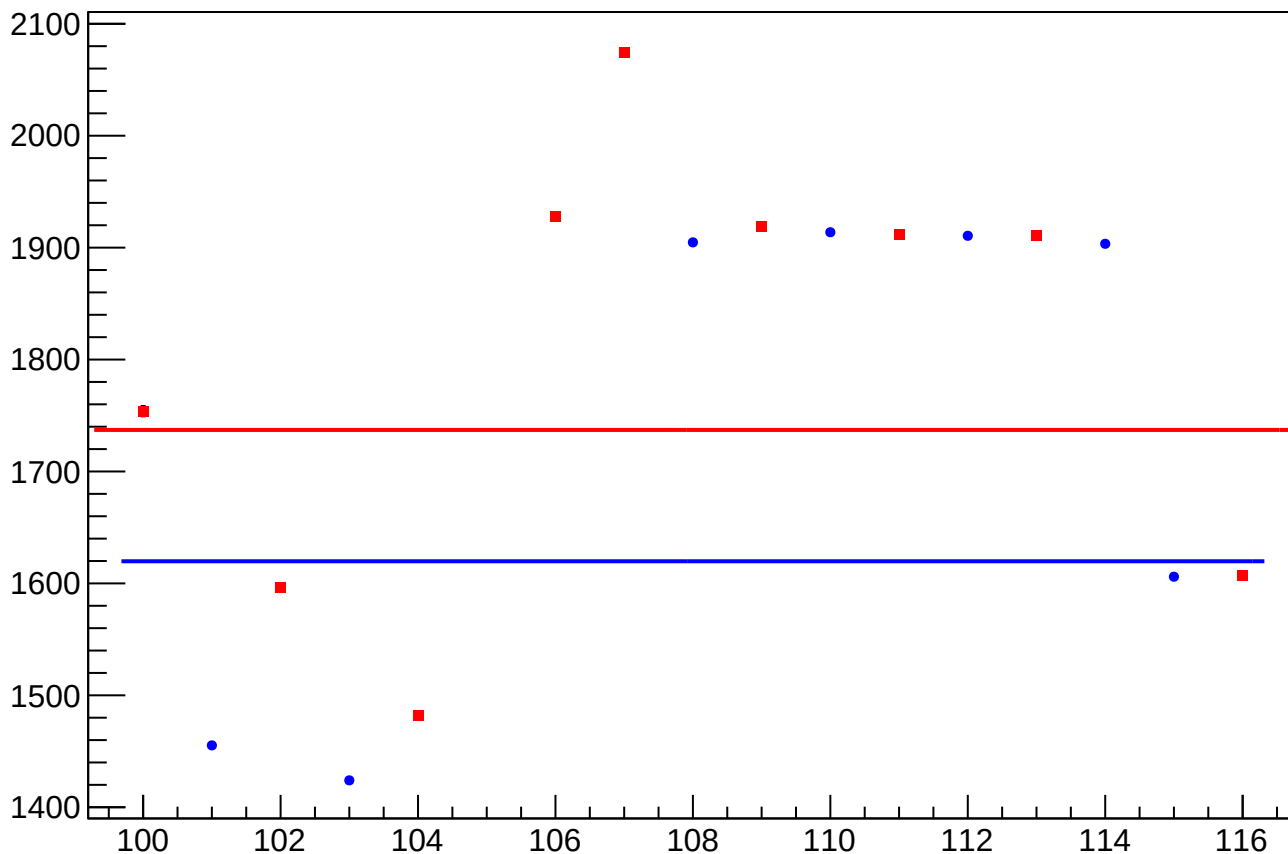
Right: 1421.656+/-675.402 χ^2 /NDF: 10.4/15

In: 1591.601+/-978.431 χ^2 /NDF:4.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1421.656+/-675.402 χ^2 /NDF: 10.4/15

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1619.777+/-0.692 χ^2/NDF : 103441.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.121+/-0.660 χ^2/NDF : 87893.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

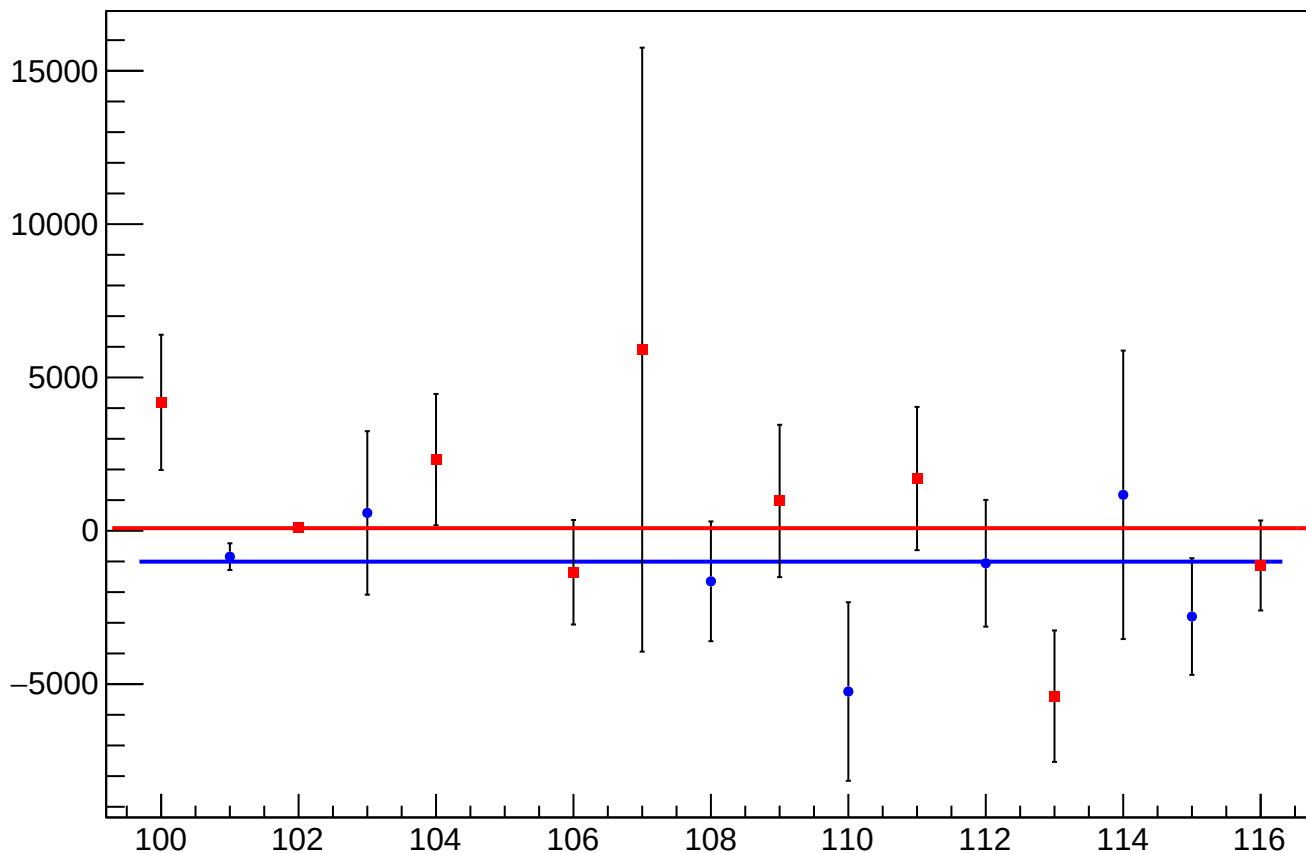
Right: 1681.206+/-0.478 χ^2/NDF : 206393.4/15

In: 1619.777+/-0.692 χ^2/NDF : 103441.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.206+/-0.478 χ^2/NDF : 206393.4/15

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1005.591+/-396.790 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.314+/-147.757 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

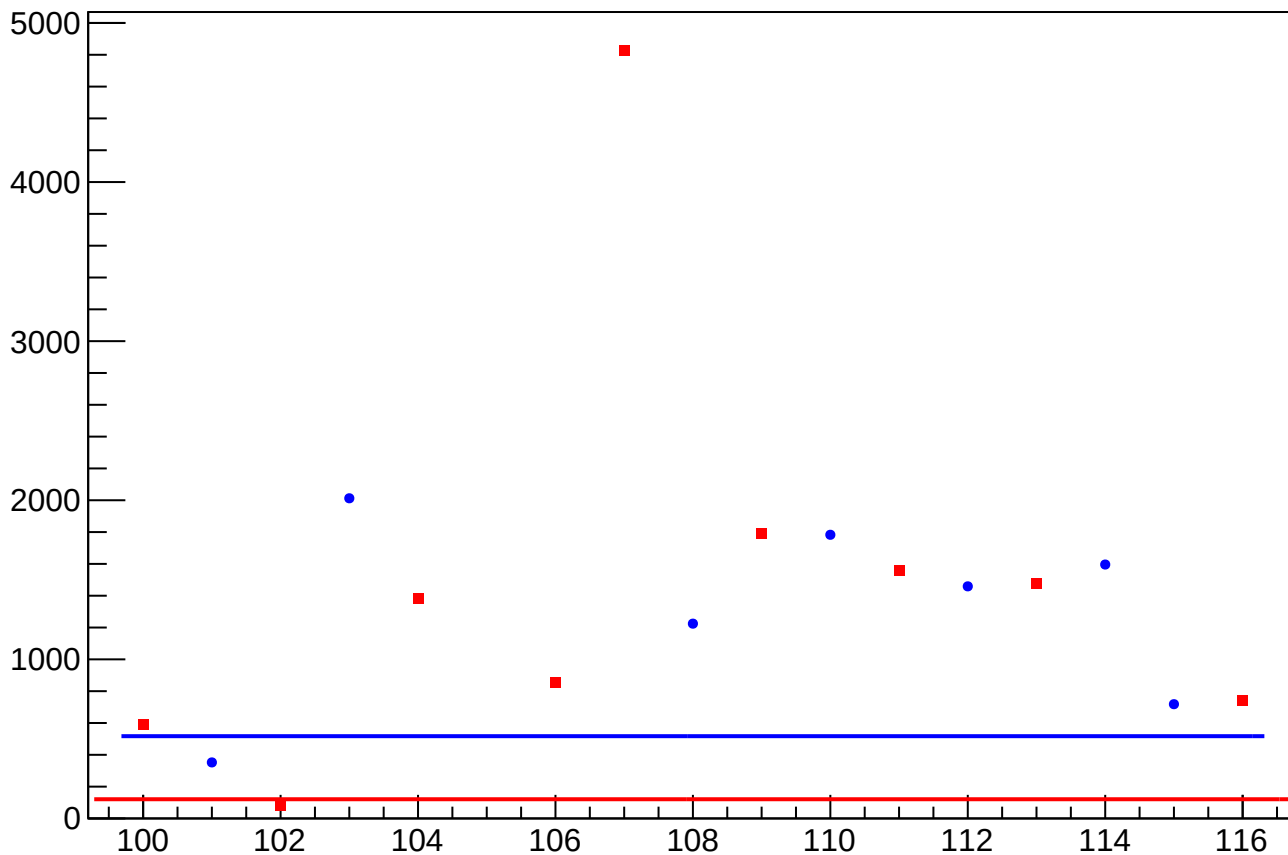
Right: -47.537+/-138.468 χ^2/NDF : 23.9/15

In: -1005.591+/-396.790 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.537+/-138.468 χ^2/NDF : 23.9/15

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.129+/-0.281 χ^2/NDF : 2099153.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.783+/-0.104 χ^2/NDF : 4582784.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

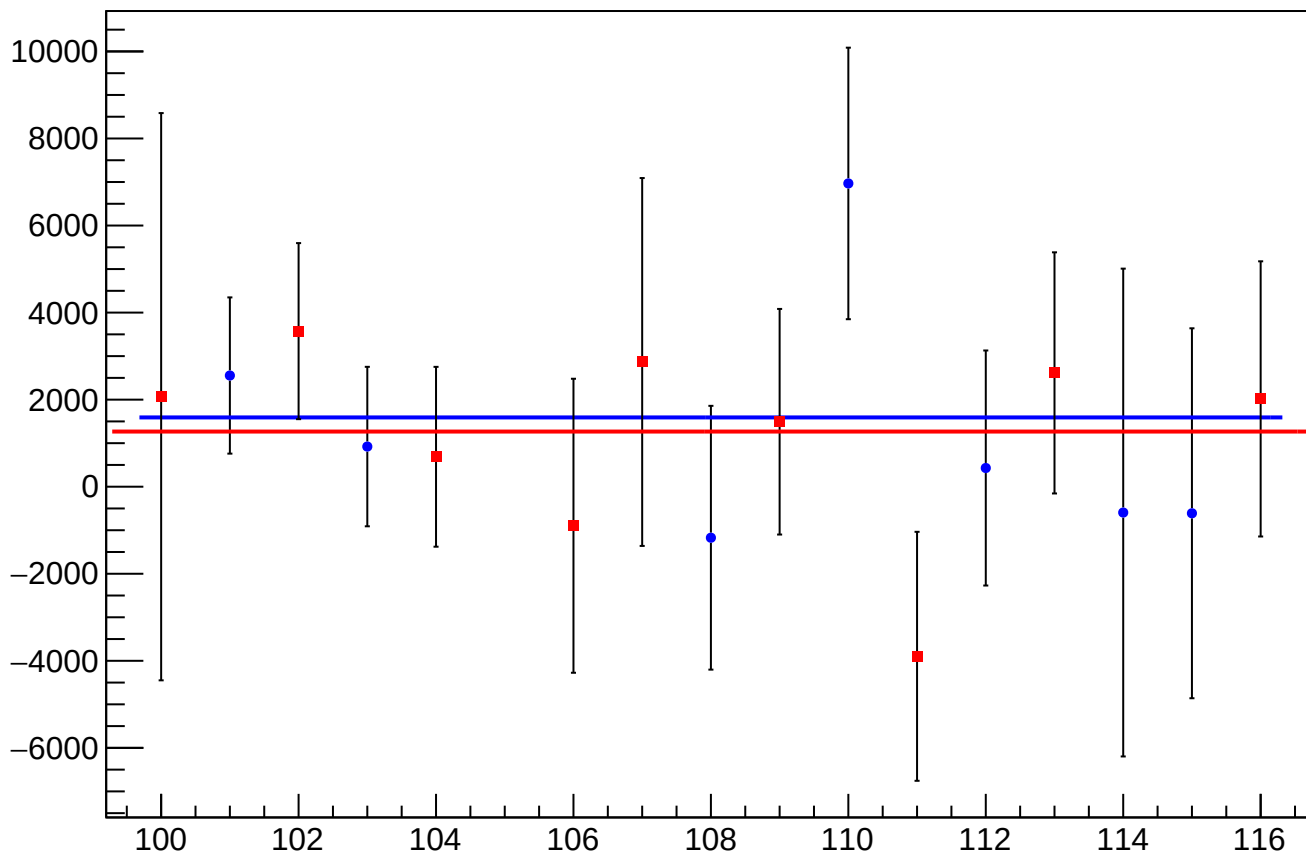
Right: 169.051+/-0.098 χ^2/NDF : 8434445.9/15

In: 517.129+/-0.281 χ^2/NDF : 2099153.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.051+/-0.098 χ^2/NDF : 8434445.9/15

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1591.601 $\pm$ 978.431 χ^2 /NDF: 4.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1266.967 $\pm$ 933.479 χ^2 /NDF: 5.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

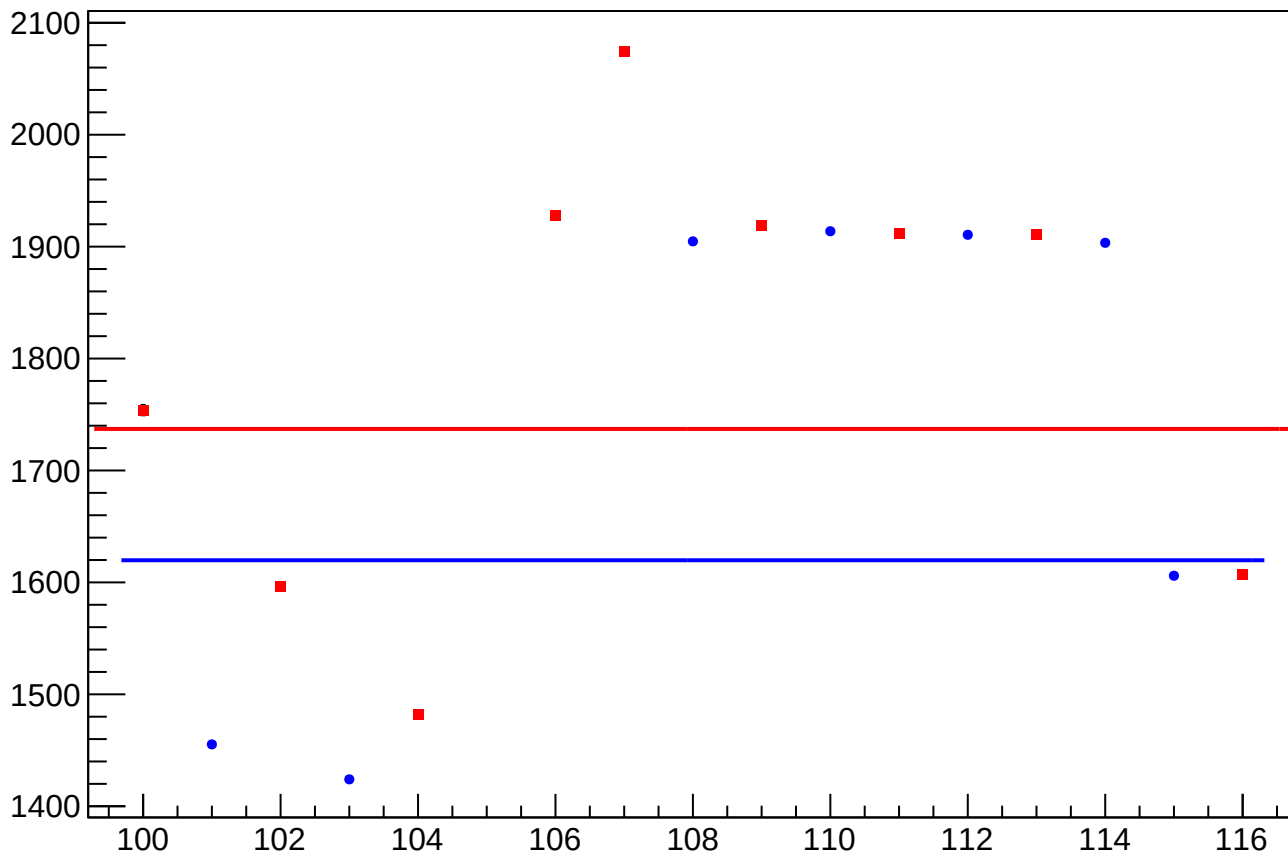
Right: 1421.656 $\pm$ 675.402 χ^2 /NDF: 10.4/15

In: 1591.601 $\pm$ 978.431 χ^2 /NDF:4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1421.656 $\pm$ 675.402 χ^2 /NDF: 10.4/15

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1619.777+/-0.692 χ^2/NDF : 103441.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.121+/-0.660 χ^2/NDF : 87893.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

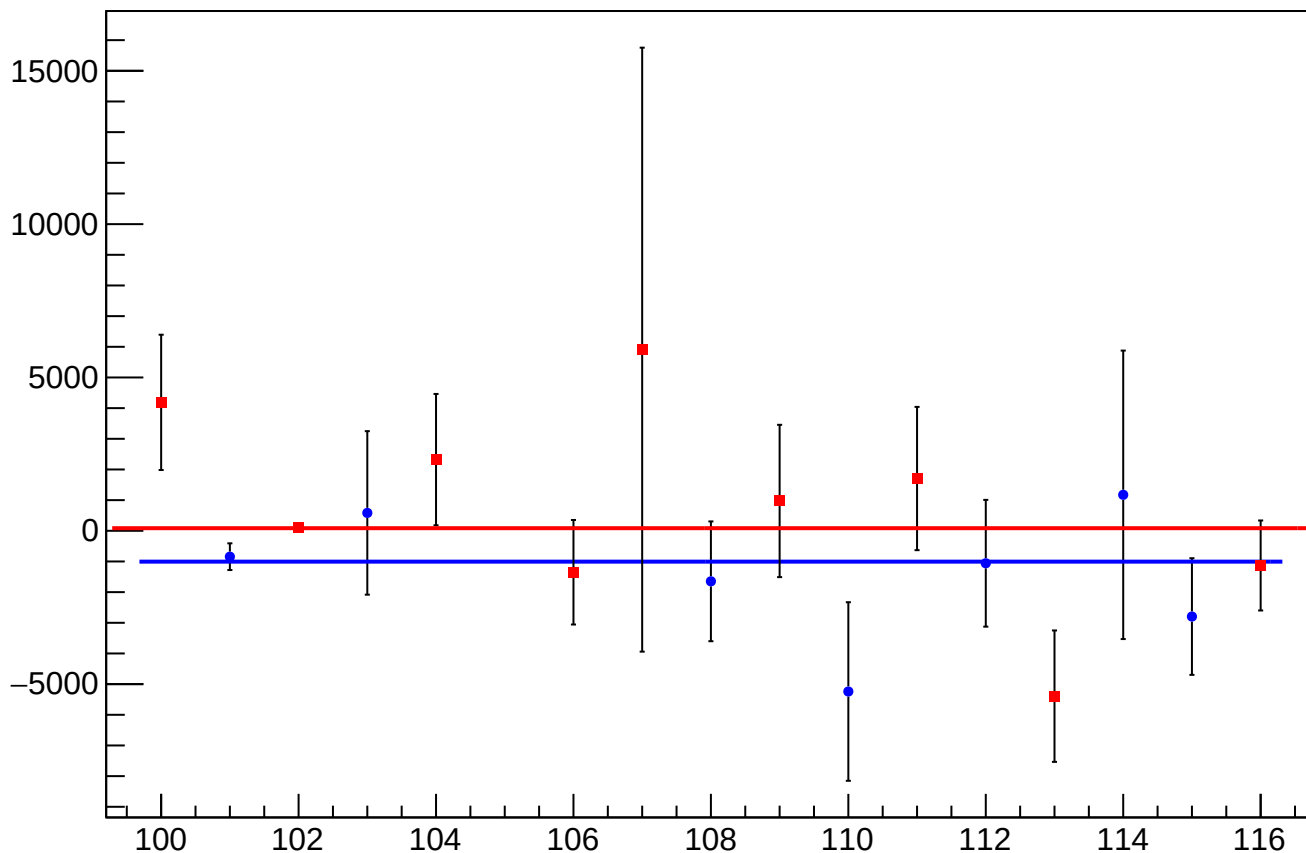
Right: 1681.206+/-0.478 χ^2/NDF : 206393.4/15

In: 1619.777+/-0.692 χ^2/NDF : 103441.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.206+/-0.478 χ^2/NDF : 206393.4/15

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1005.591+/-396.790 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.314+/-147.757 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

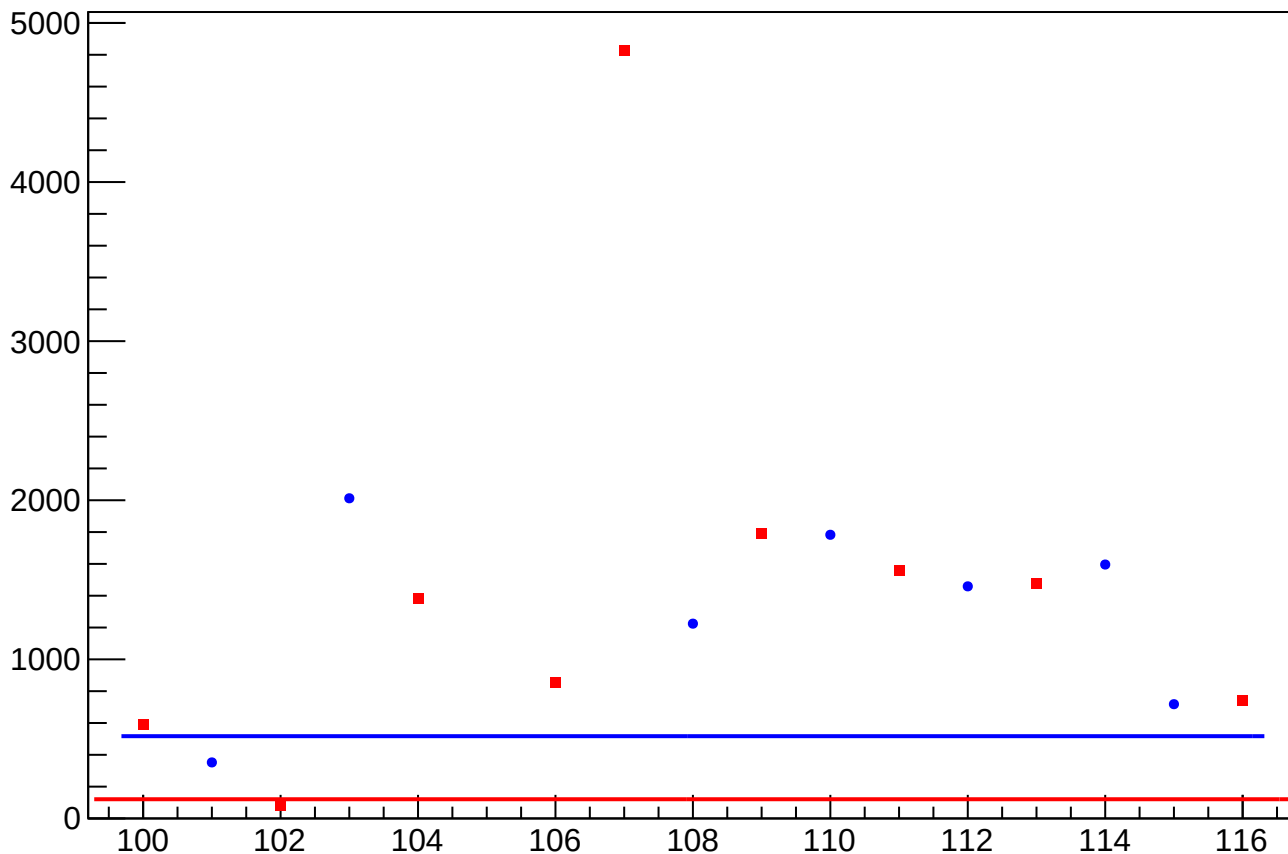
Right: -47.537+/-138.468 χ^2/NDF : 23.9/15

In: -1005.591+/-396.790 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.537+/-138.468 χ^2/NDF : 23.9/15

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.129+/-0.281 χ^2/NDF : 2099153.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.783+/-0.104 χ^2/NDF : 4582784.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

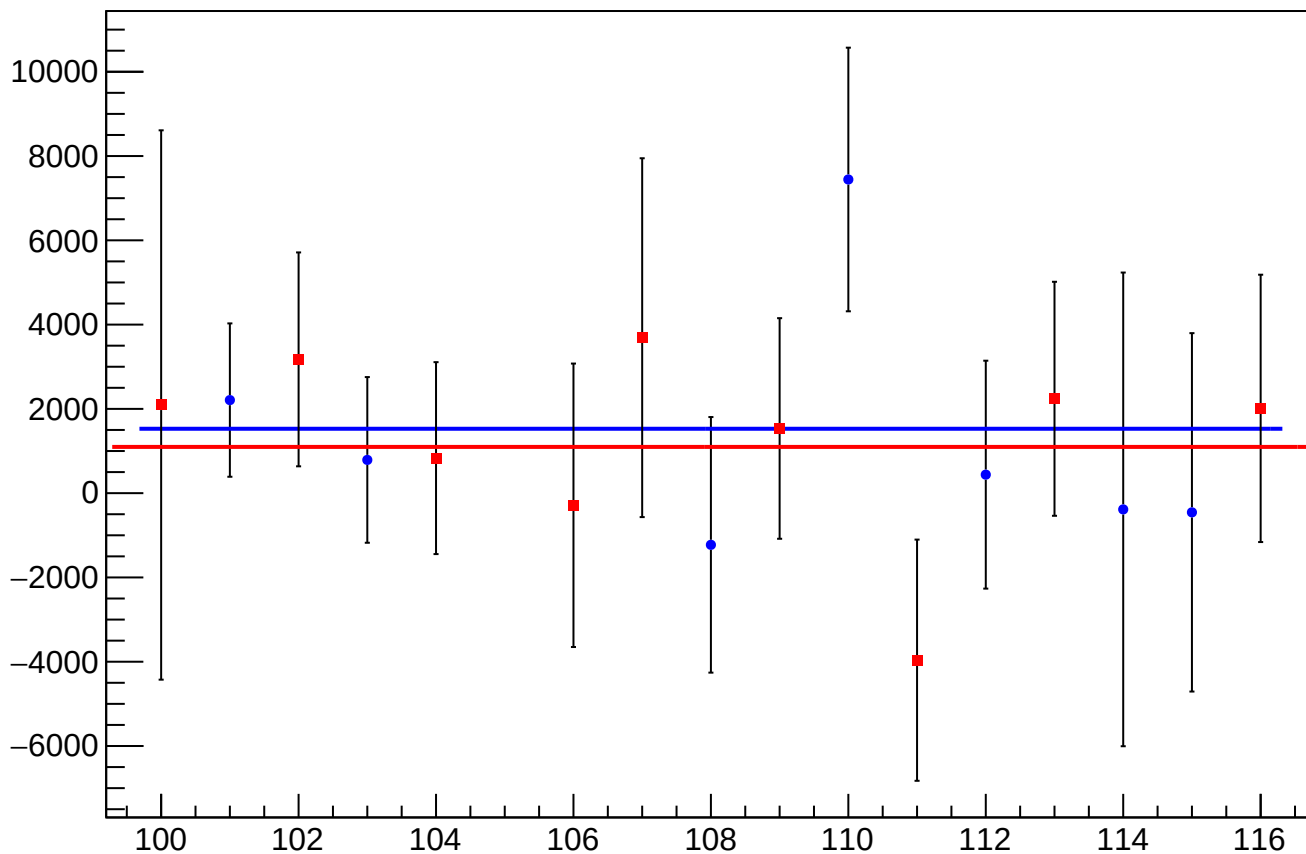
Right: 169.051+/-0.098 χ^2/NDF : 8434445.9/15

In: 517.129+/-0.281 χ^2/NDF : 2099153.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.051+/-0.098 χ^2/NDF : 8434445.9/15

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1528.364 $\pm$ 1002.312 χ^2 /NDF: 5.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1097.591 $\pm$ 993.898 χ^2 /NDF: 4.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

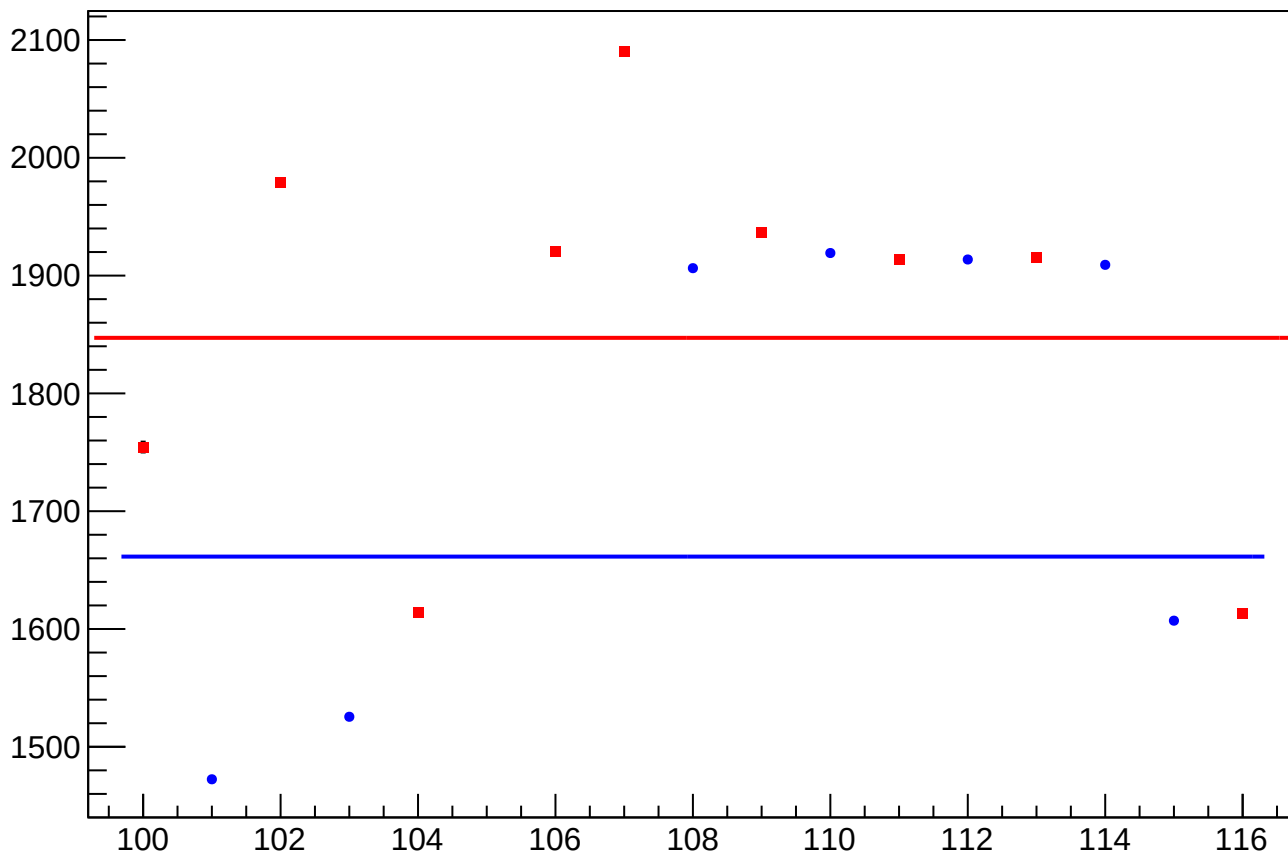
Right: 1311.162 $\pm$ 705.748 χ^2 /NDF: 9.9/15

In: 1528.364 $\pm$ 1002.312 χ^2 /NDF:5.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1311.162 $\pm$ 705.748 χ^2 /NDF: 9.9/15

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1661.463+/-0.709 χ^2/NDF : 79374.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.165+/-0.703 χ^2/NDF : 49827.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

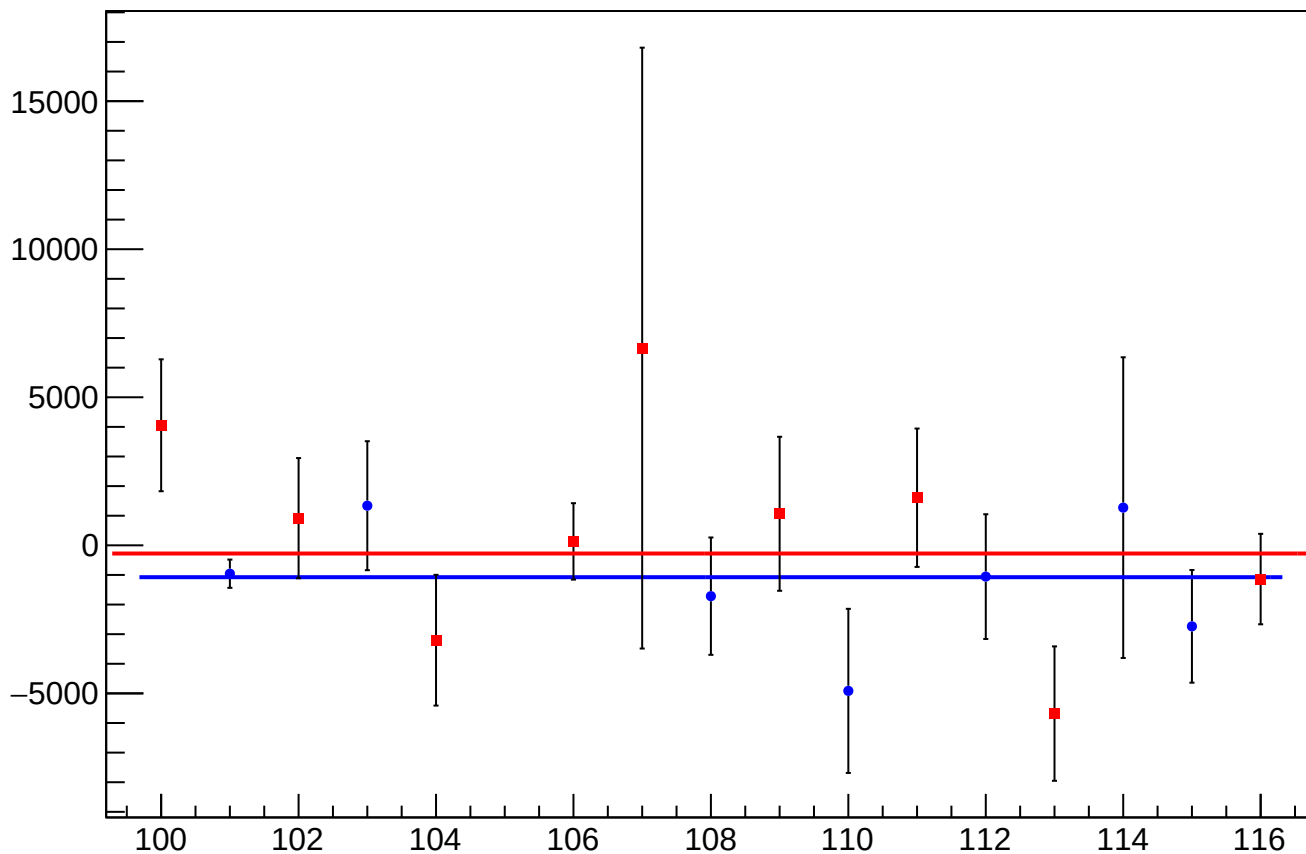
Right: 1755.097+/-0.499 χ^2/NDF : 163817.9/15

In: 1661.463+/-0.709 χ^2/NDF : 79374.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1755.097+/-0.499 χ^2/NDF : 163817.9/15

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1076.010 $\pm$ 425.110 χ^2/NDF : 4.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -276.346 $\pm$ 672.048 χ^2/NDF : 13.4/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

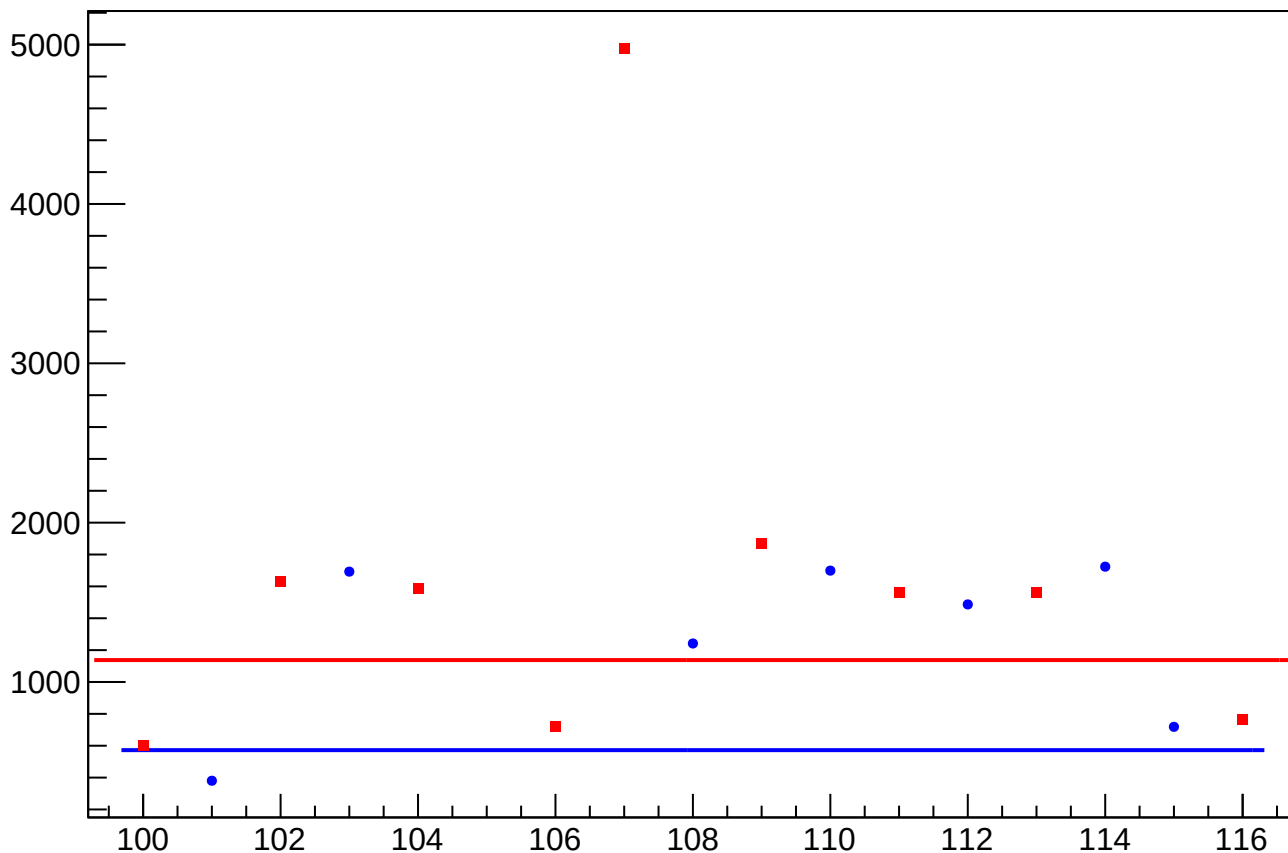
Right: -847.481 $\pm$ 359.267 χ^2/NDF : 18.7/15

In: -1076.010 $\pm$ 425.110 χ^2/NDF : 4.3/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -847.481 $\pm$ 359.267 χ^2/NDF : 18.7/15

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 572.297+/-0.301 χ^2/NDF : 1904374.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1137.549+/-0.475 χ^2/NDF : 1222380.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

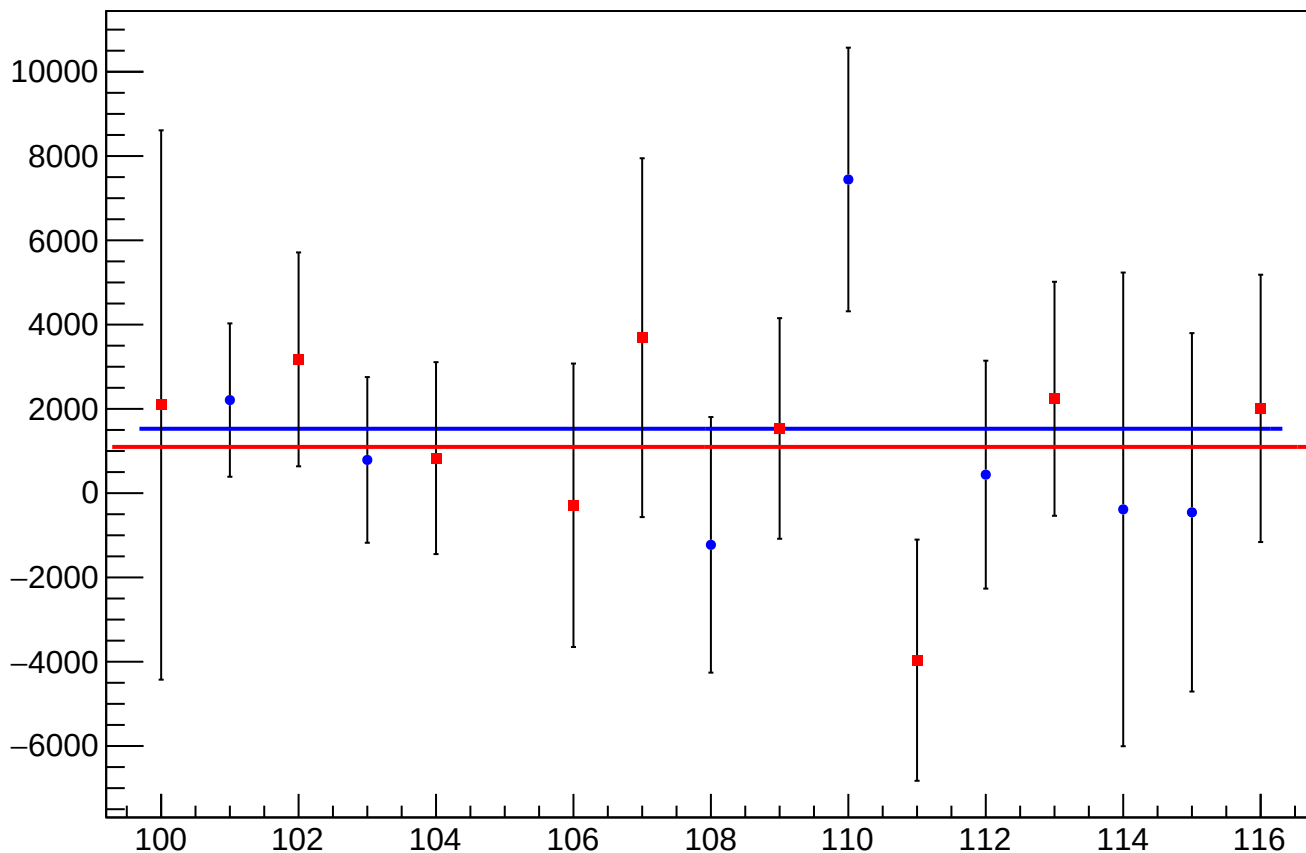
Right: 733.835+/-0.254 χ^2/NDF : 4137274.2/15

In: 572.297+/-0.301 χ^2/NDF :1904374.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 733.835+/-0.254 χ^2/NDF : 4137274.2/15

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1528.361 $\pm$ 1002.312 χ^2 /NDF: 5.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1097.586 $\pm$ 993.898 χ^2 /NDF: 4.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

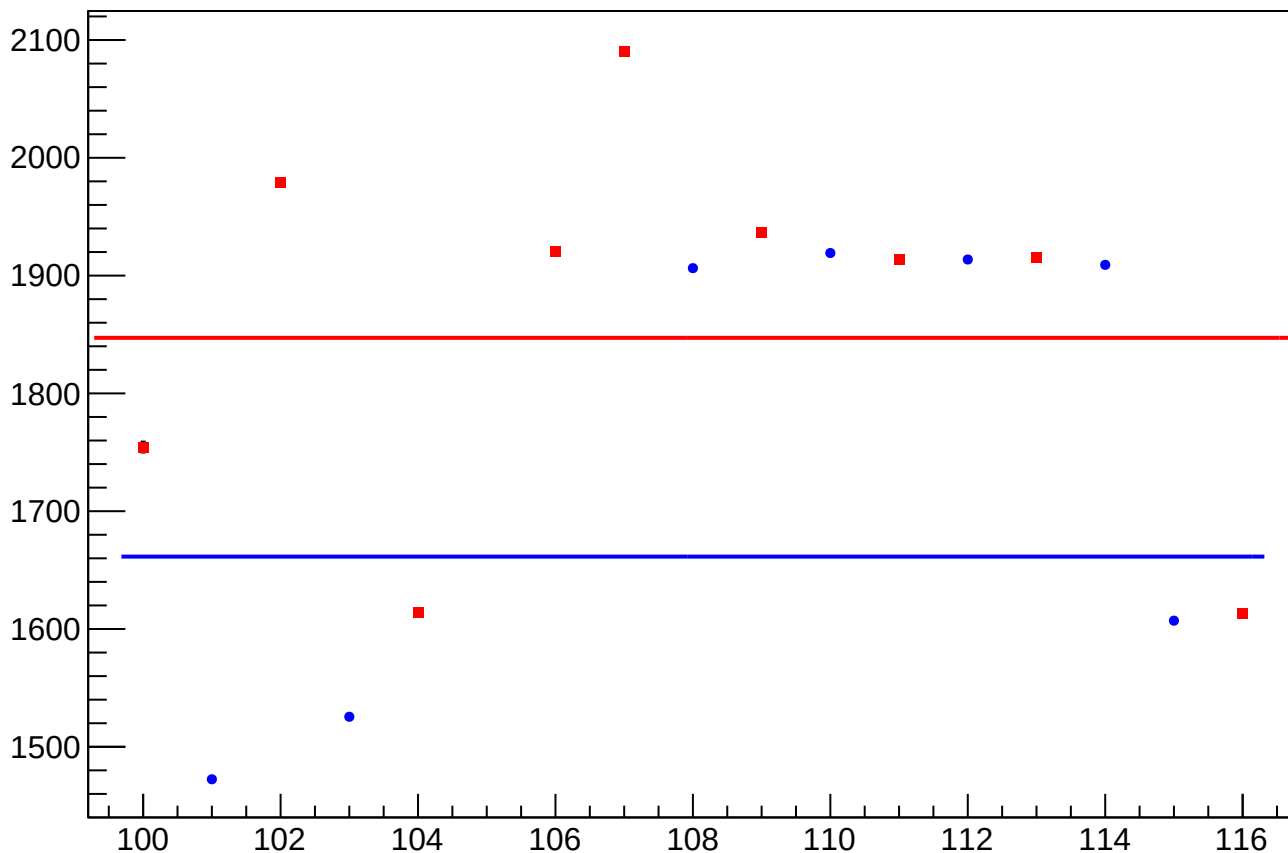
Right: 1311.158 $\pm$ 705.748 χ^2 /NDF: 9.9/15

In: 1528.361 $\pm$ 1002.312 χ^2 /NDF:5.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1311.158 $\pm$ 705.748 χ^2 /NDF: 9.9/15

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1661.462+/-0.709 χ^2/NDF : 79374.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.164+/-0.703 χ^2/NDF : 49828.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

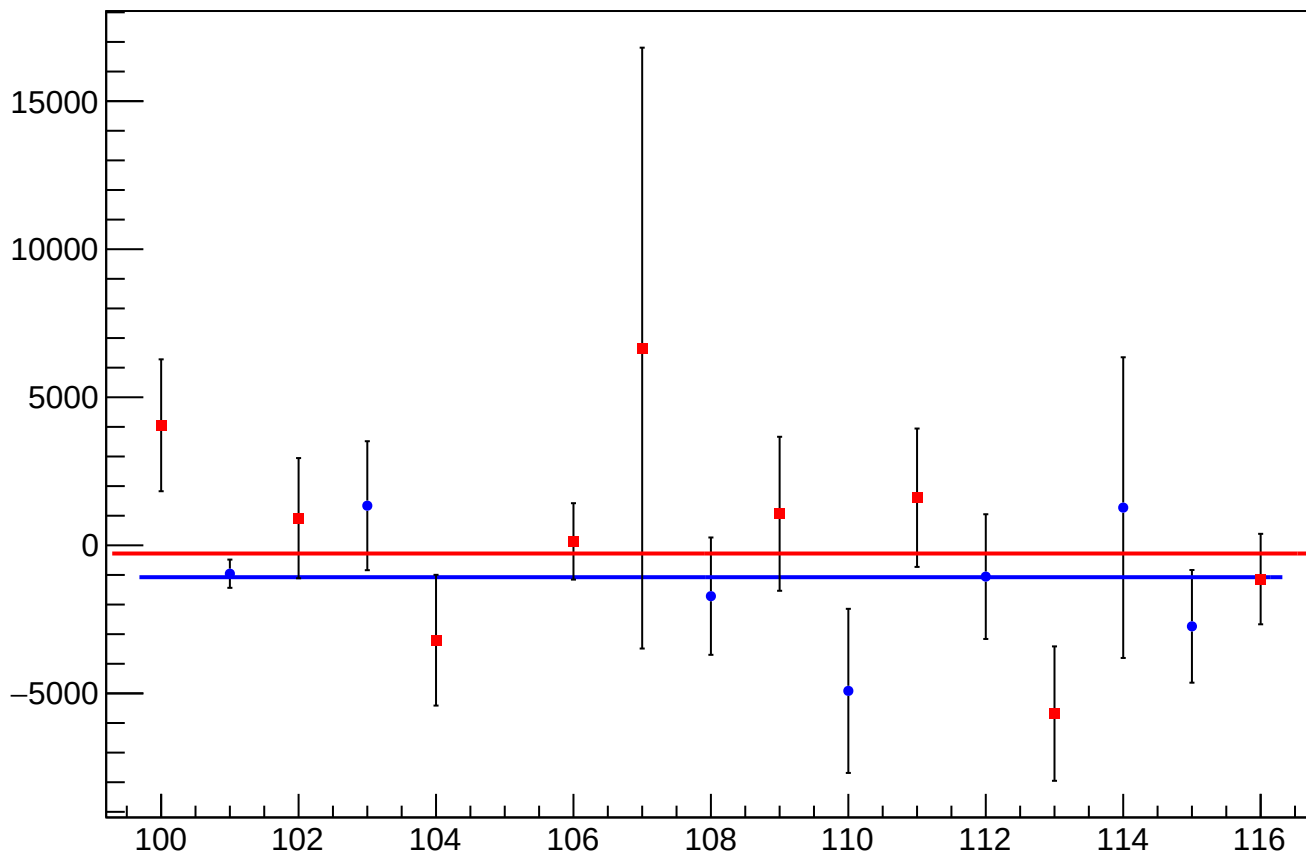
Right: 1755.096+/-0.499 χ^2/NDF : 163819.0/15

In: 1661.462+/-0.709 χ^2/NDF : 79374.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1755.096+/-0.499 χ^2/NDF : 163819.0/15

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1076.013+/-425.111 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -276.347+/-672.048 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

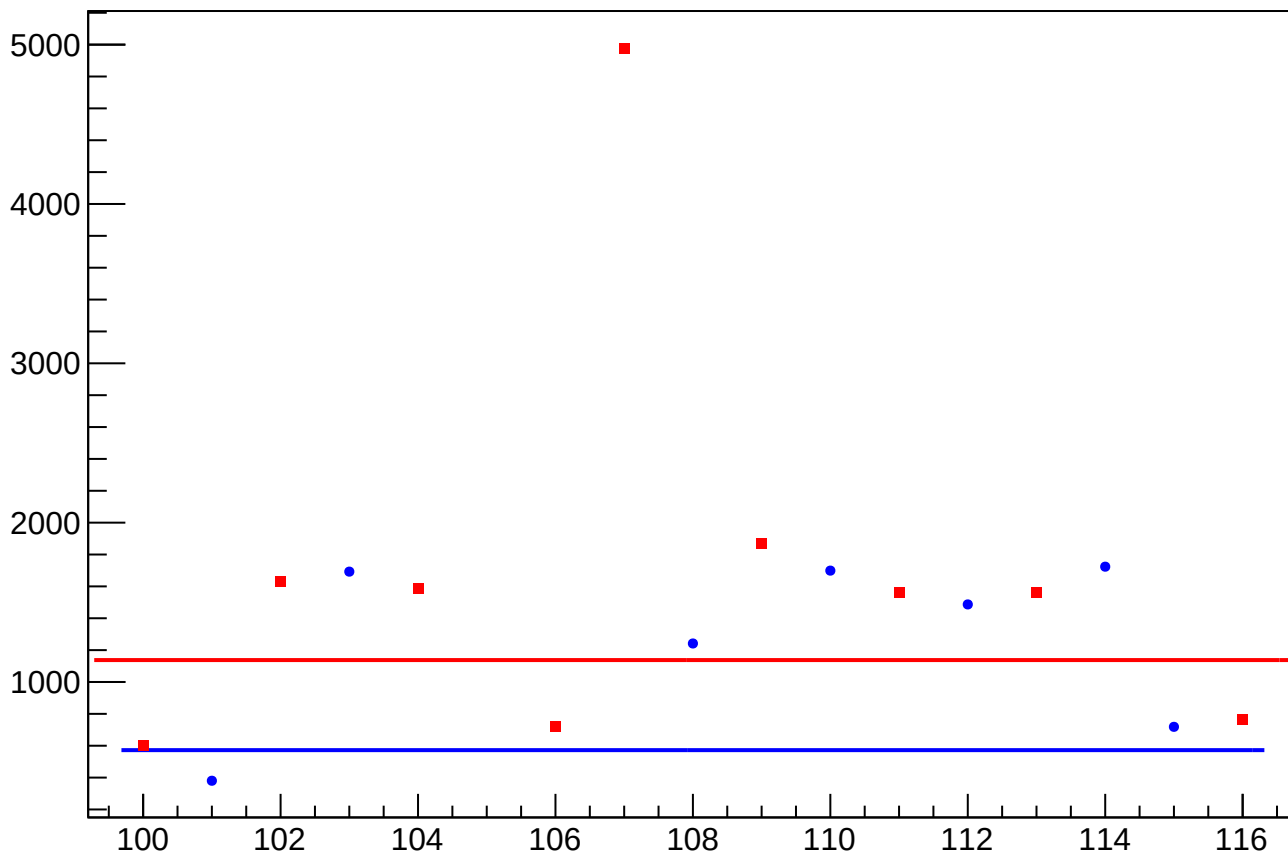
Right: -847.484+/-359.267 χ^2/NDF : 18.7/15

In: -1076.013+/-425.111 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -847.484+/-359.267 χ^2/NDF : 18.7/15

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 572.298+/-0.301 χ^2/NDF : 1904371.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.549+/-0.475 χ^2/NDF : 1222383.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

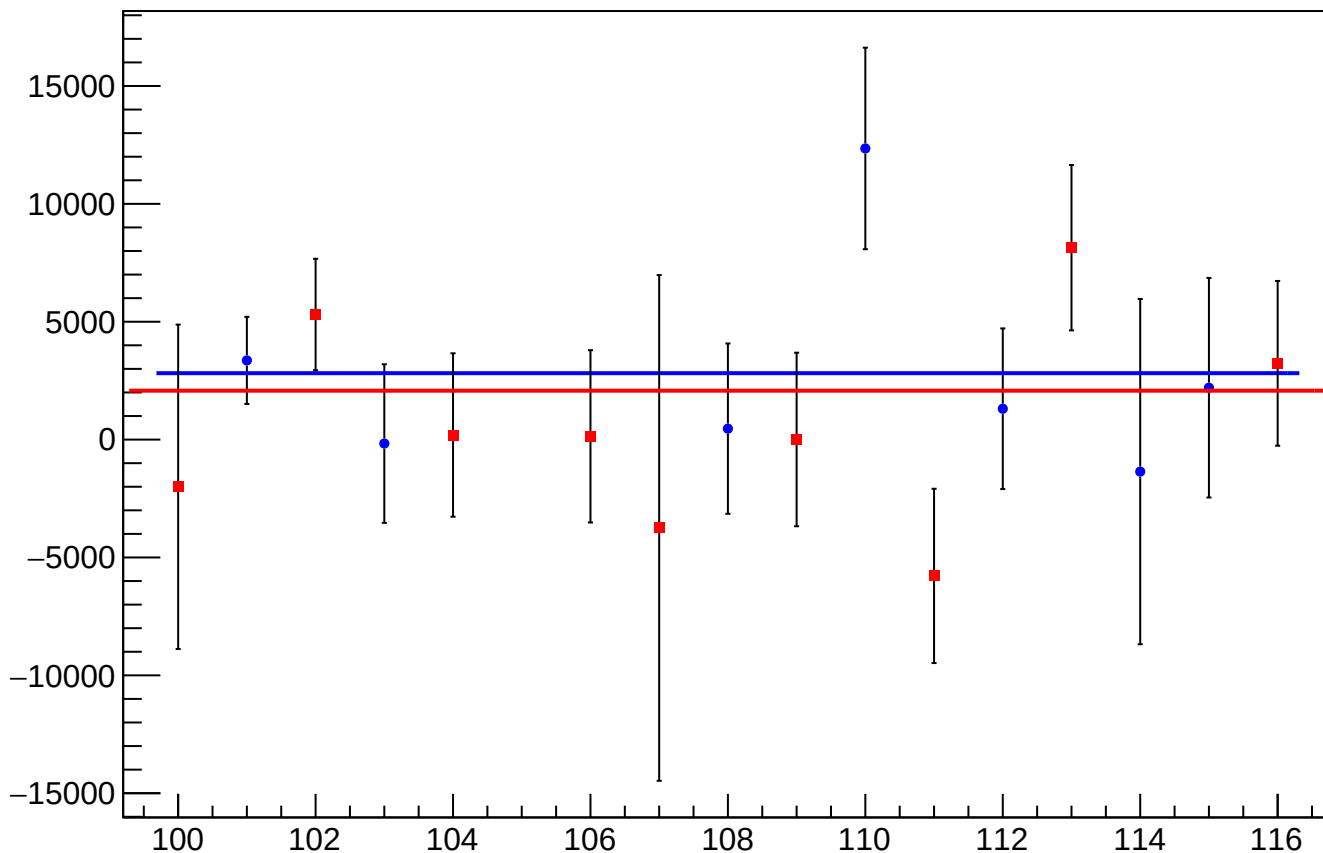
Right: 733.836+/-0.254 χ^2/NDF : 4137268.8/15

In: 572.298+/-0.301 χ^2/NDF : 1904371.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.836+/-0.254 χ^2/NDF : 4137268.8/15

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2817.791+/-1227.781 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2075.065+/-1215.295 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

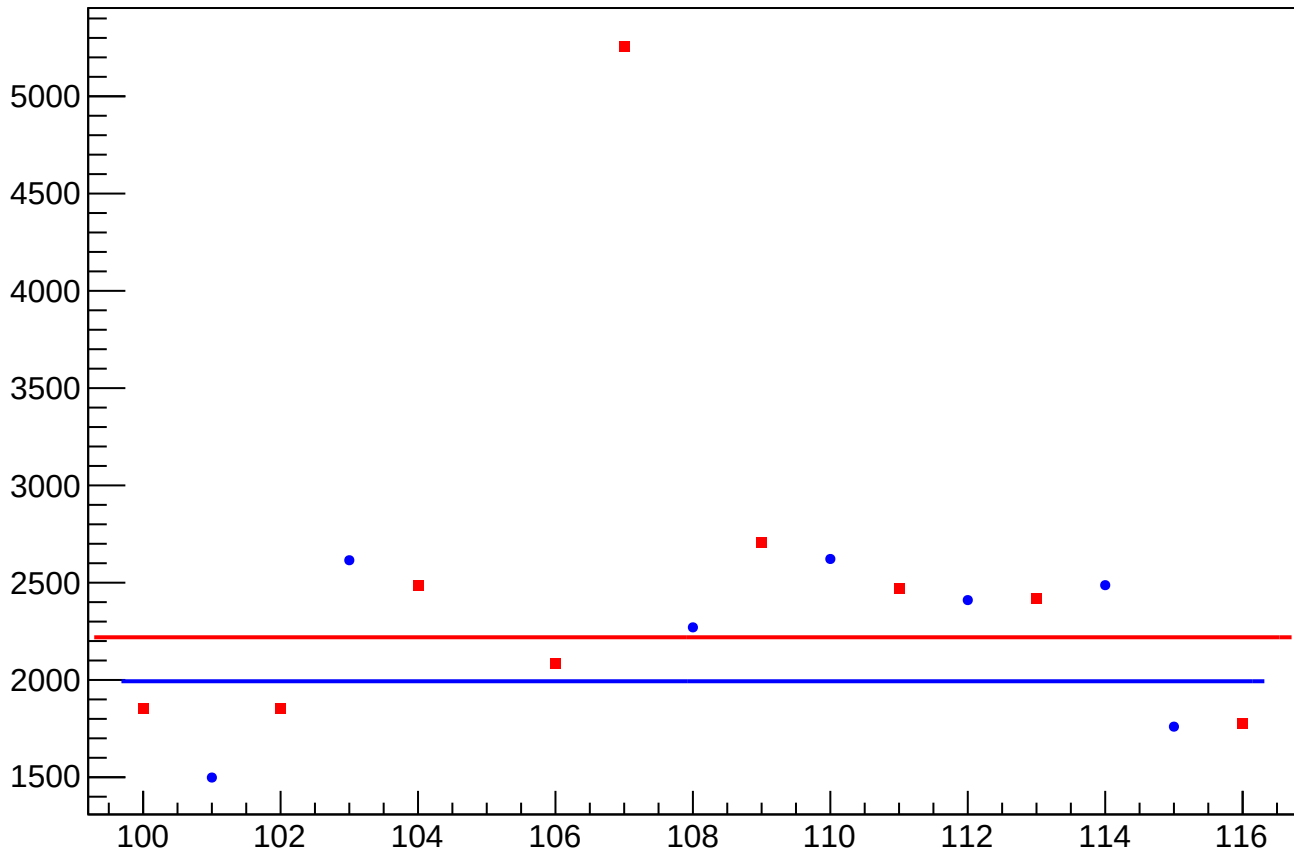
Right: 2442.632+/-863.724 χ^2/NDF : 18.0/15

In: 2817.791+/-1227.781 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2442.632+/-863.724 χ^2/NDF : 18.0/15

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1993.370+/-0.868 χ^2/NDF : 310904.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2219.404+/-0.859 χ^2/NDF : 311214.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

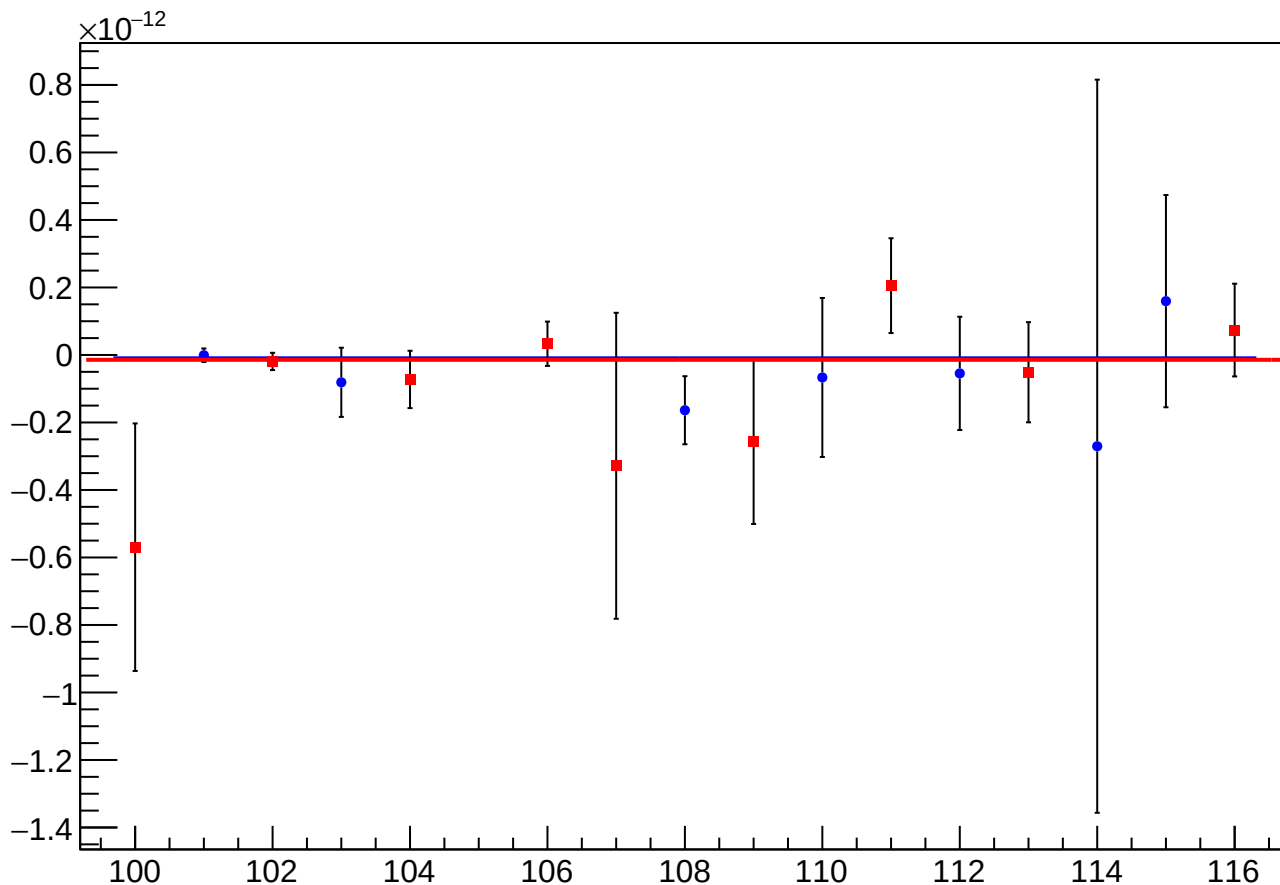
Right: 2107.542+/-0.611 χ^2/NDF : 656357.9/15

In: 1993.370+/-0.868 χ^2/NDF : 310904.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2107.542+/-0.611 χ^2/NDF : 656357.9/15

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

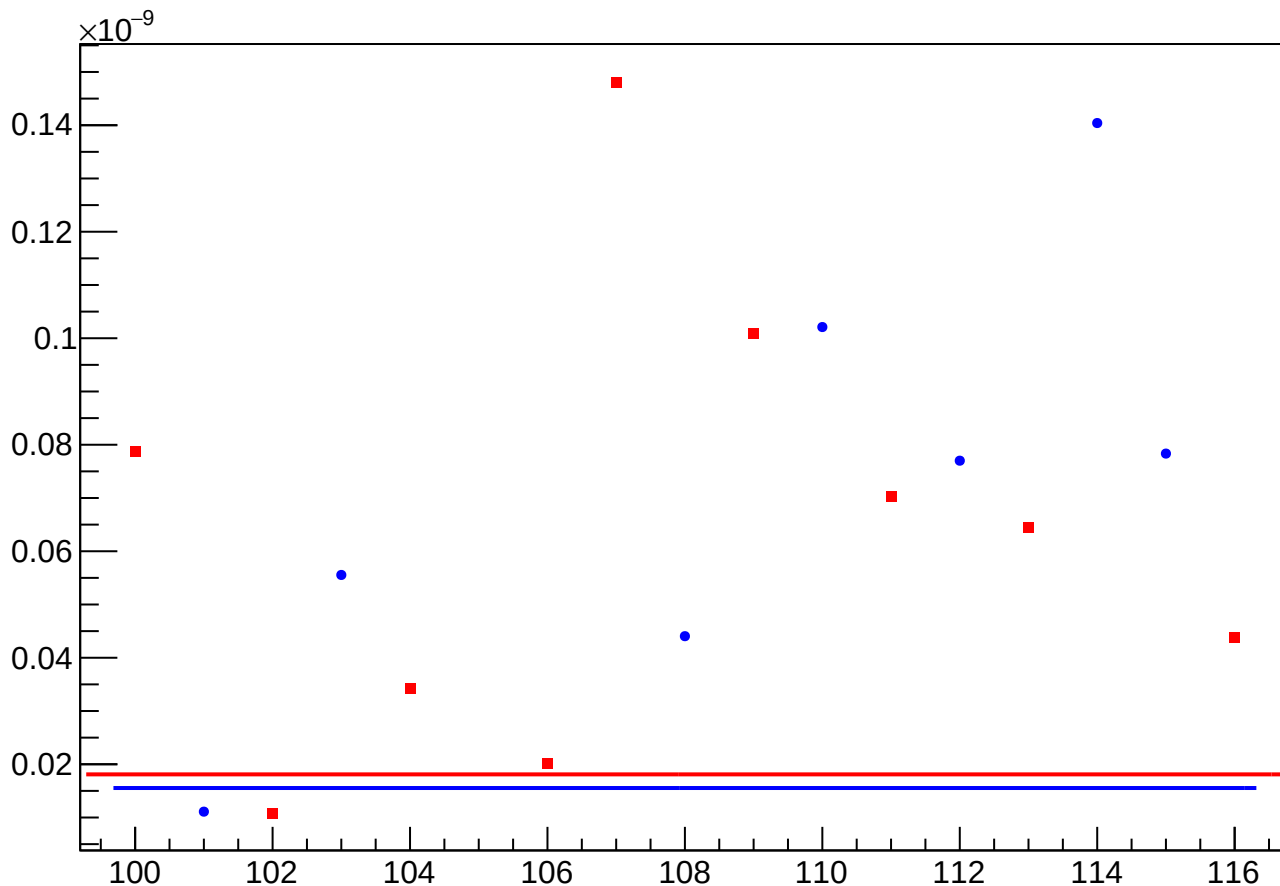
Right: -0.000+/-0.000 χ^2/NDF : 11.2/15

In: -0.000+/-0.000 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.2/15

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1208144.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1233528.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

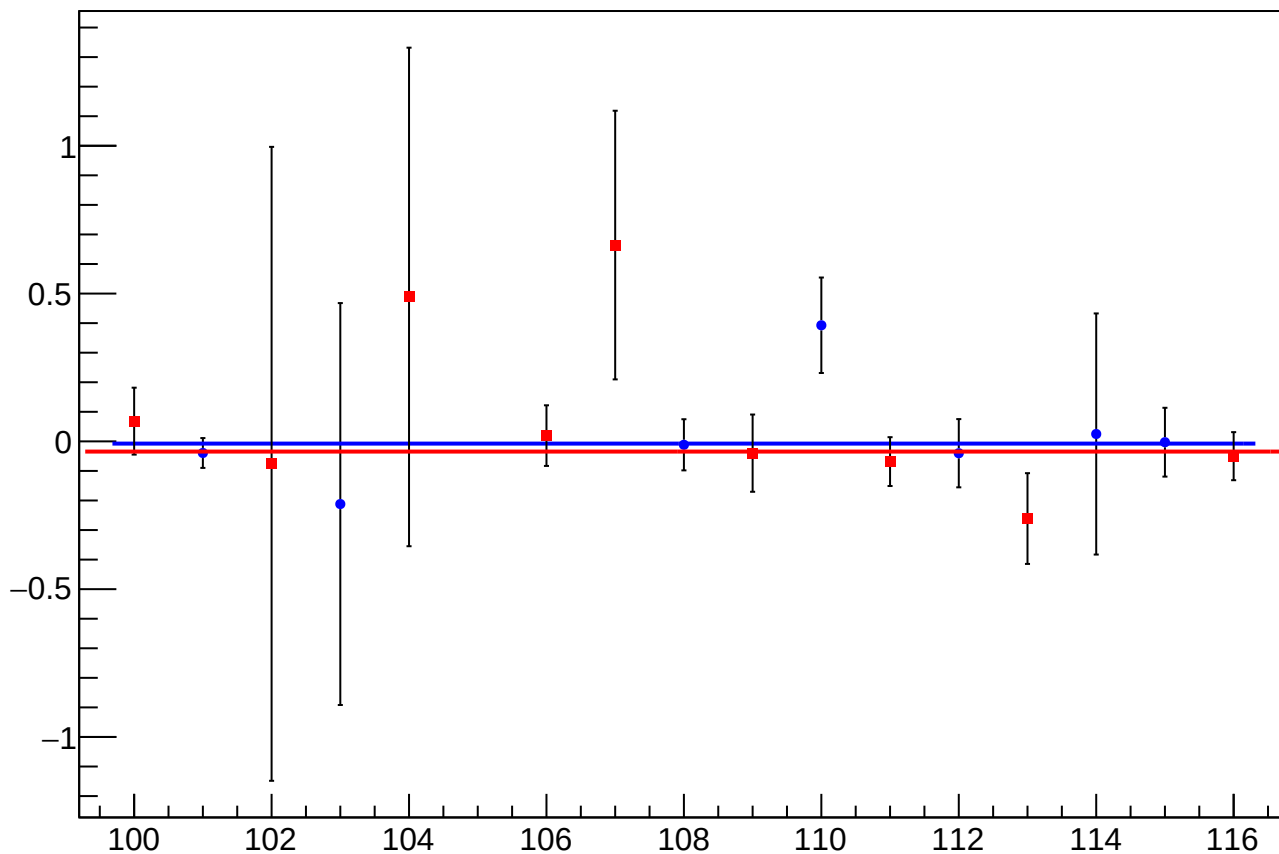
Right: 0.000+/-0.000 χ^2/NDF : 2457237.0/15

In: 0.000+/-0.000 χ^2/NDF : 1208144.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2457237.0/15

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.037 χ^2/NDF : 6.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 0.042 χ^2/NDF : 6.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

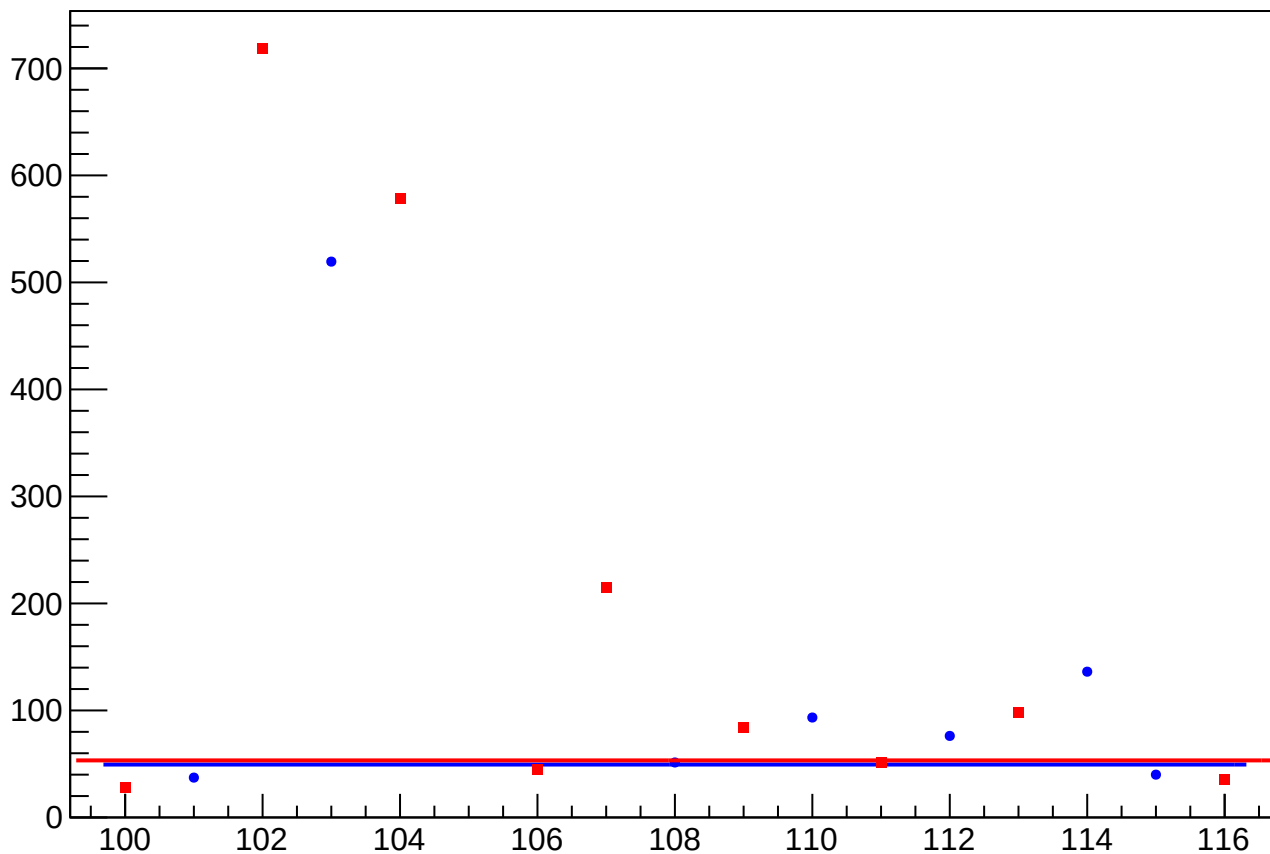
Right: -0.020 ± 0.028 χ^2/NDF : 13.2/15

In: -0.008 ± 0.037 χ^2/NDF : 6.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.028 χ^2/NDF : 13.2/15

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.450+/-0.026 χ^2/NDF : 1432902.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.322+/-0.029 χ^2/NDF : 2291706.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

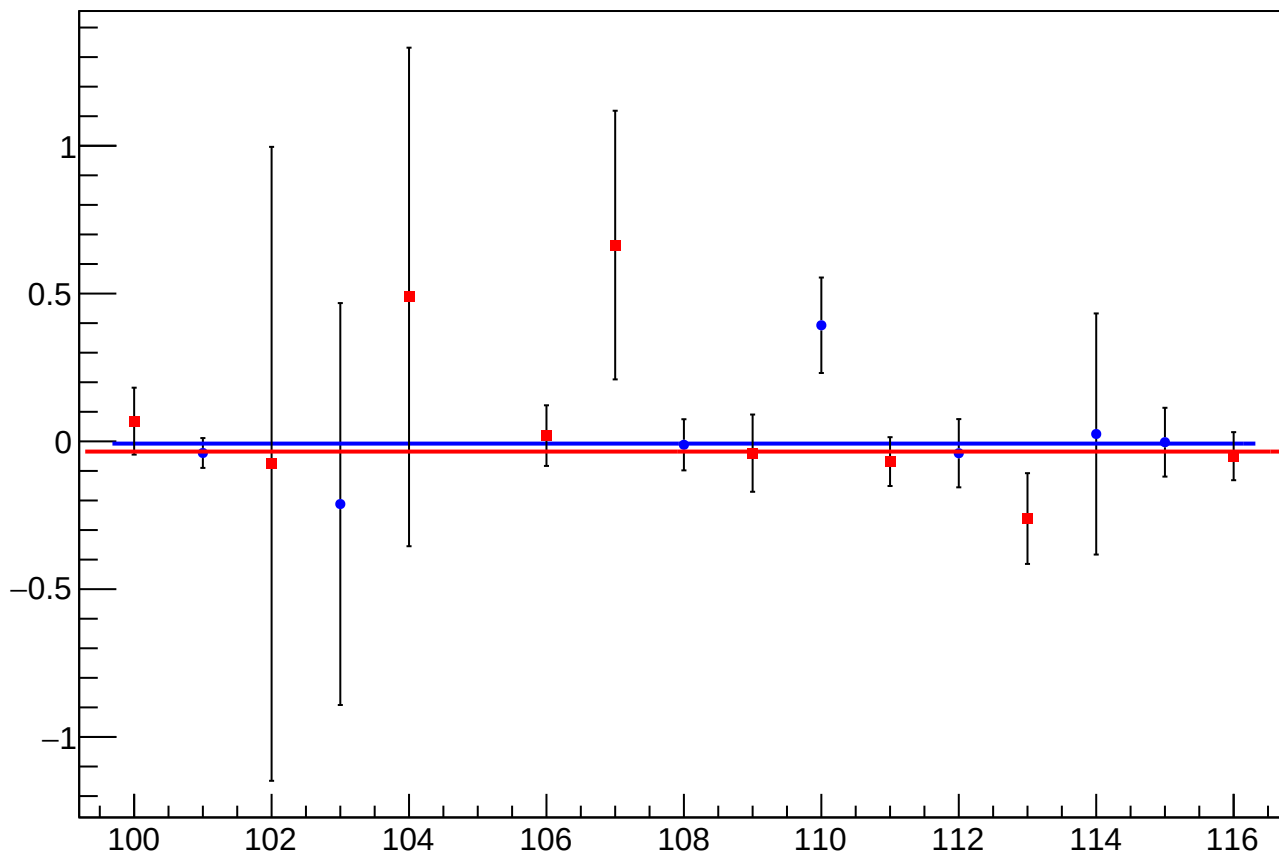
Right: 51.174+/-0.020 χ^2/NDF : 3734239.8/15

In: 49.450+/-0.026 χ^2/NDF : 1432902.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.174+/-0.020 χ^2/NDF : 3734239.8/15

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.037 χ^2/NDF : 6.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 0.042 χ^2/NDF : 6.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

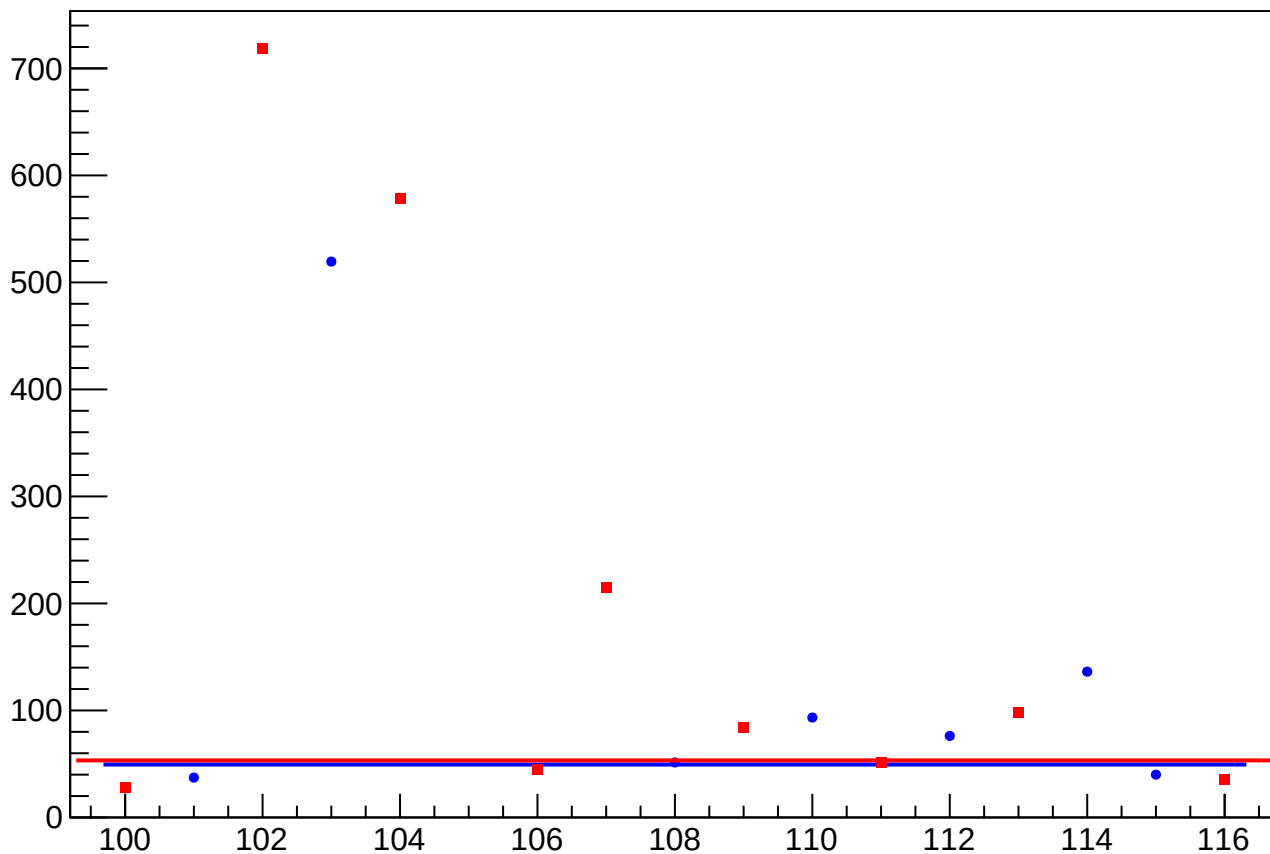
Right: -0.020 ± 0.028 χ^2/NDF : 13.2/15

In: -0.008 ± 0.037 χ^2/NDF : 6.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.028 χ^2/NDF : 13.2/15

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.450+/-0.026 χ^2/NDF : 1432902.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.322+/-0.029 χ^2/NDF : 2291706.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

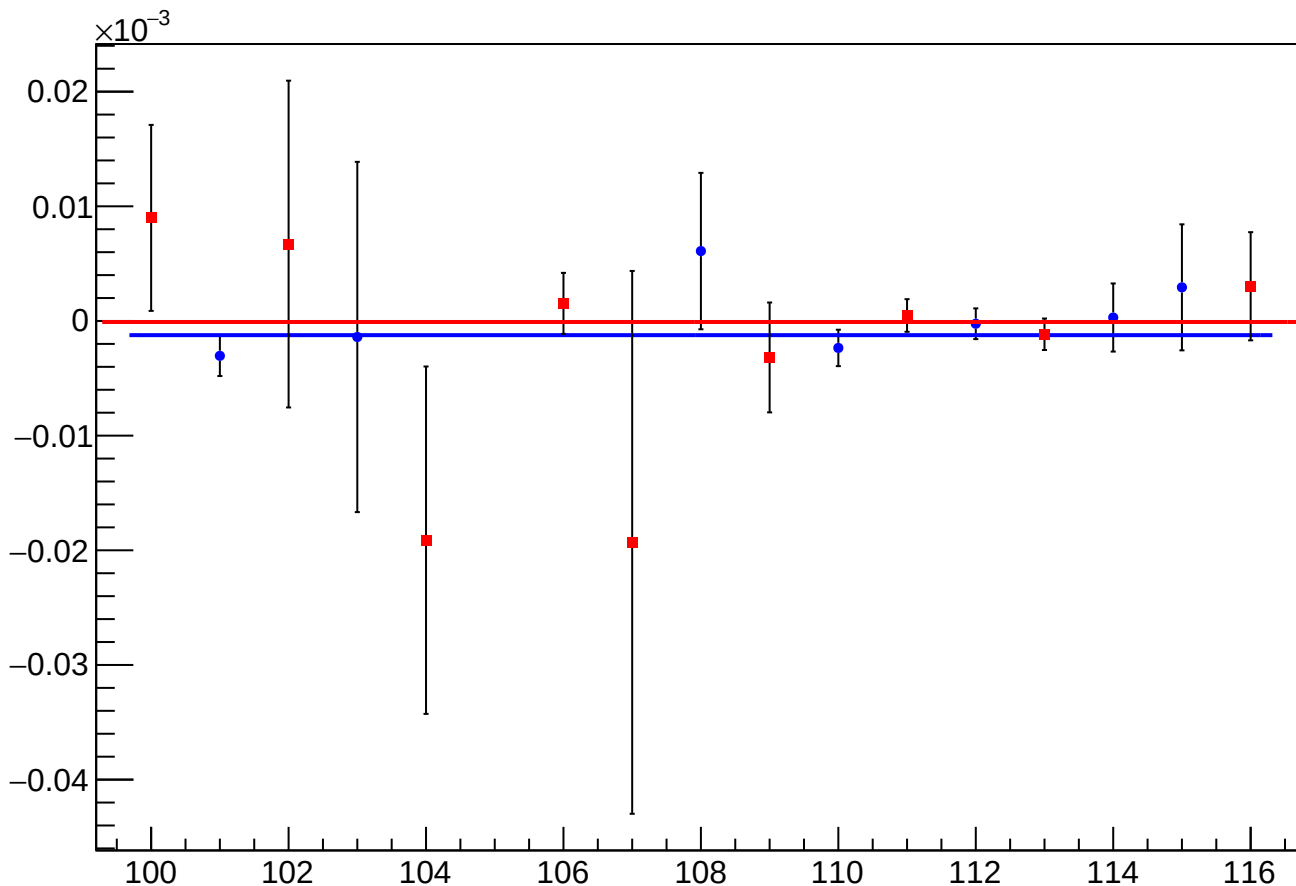
Right: 51.174+/-0.020 χ^2/NDF : 3734239.8/15

In: 49.450+/-0.026 χ^2/NDF : 1432902.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.174+/-0.020 χ^2/NDF : 3734239.8/15

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

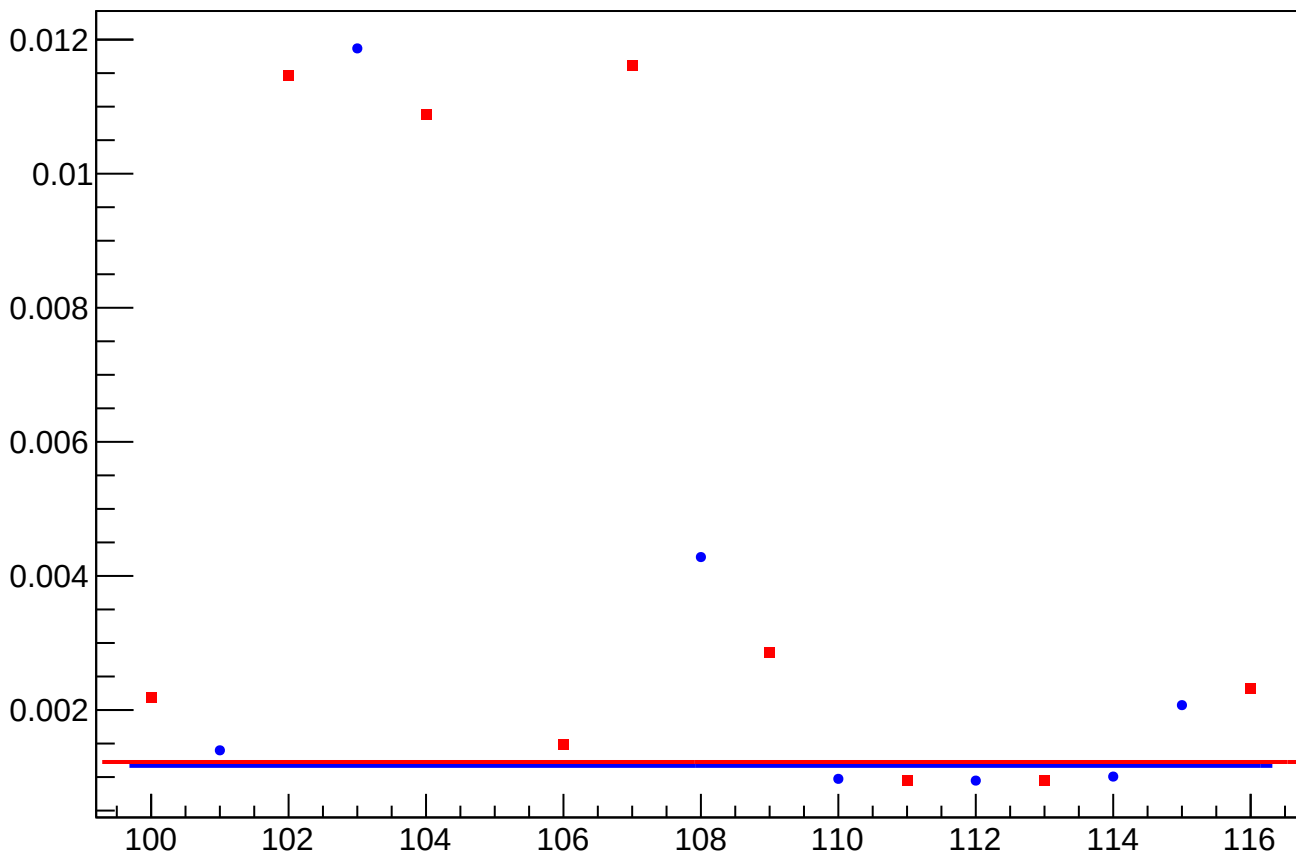
Right: -0.000+/-0.000 χ^2/NDF : 10.7/15

In: -0.000+/-0.000 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/15

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1577039.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2775434.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

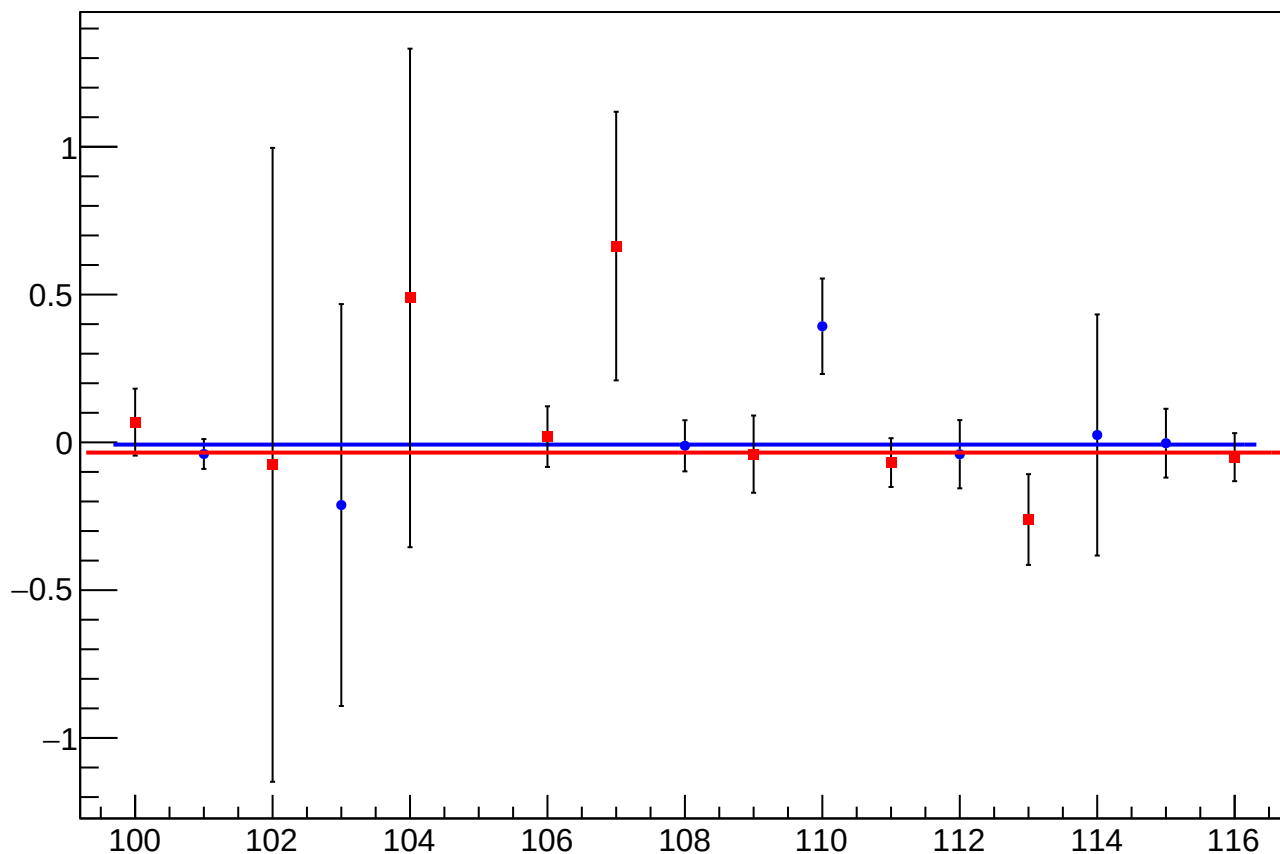
Right: 0.001+/-0.000 χ^2/NDF : 4356971.2/15

In: 0.001+/-0.000 χ^2/NDF : 1577039.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4356971.2/15

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.037 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.035+/-0.042 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

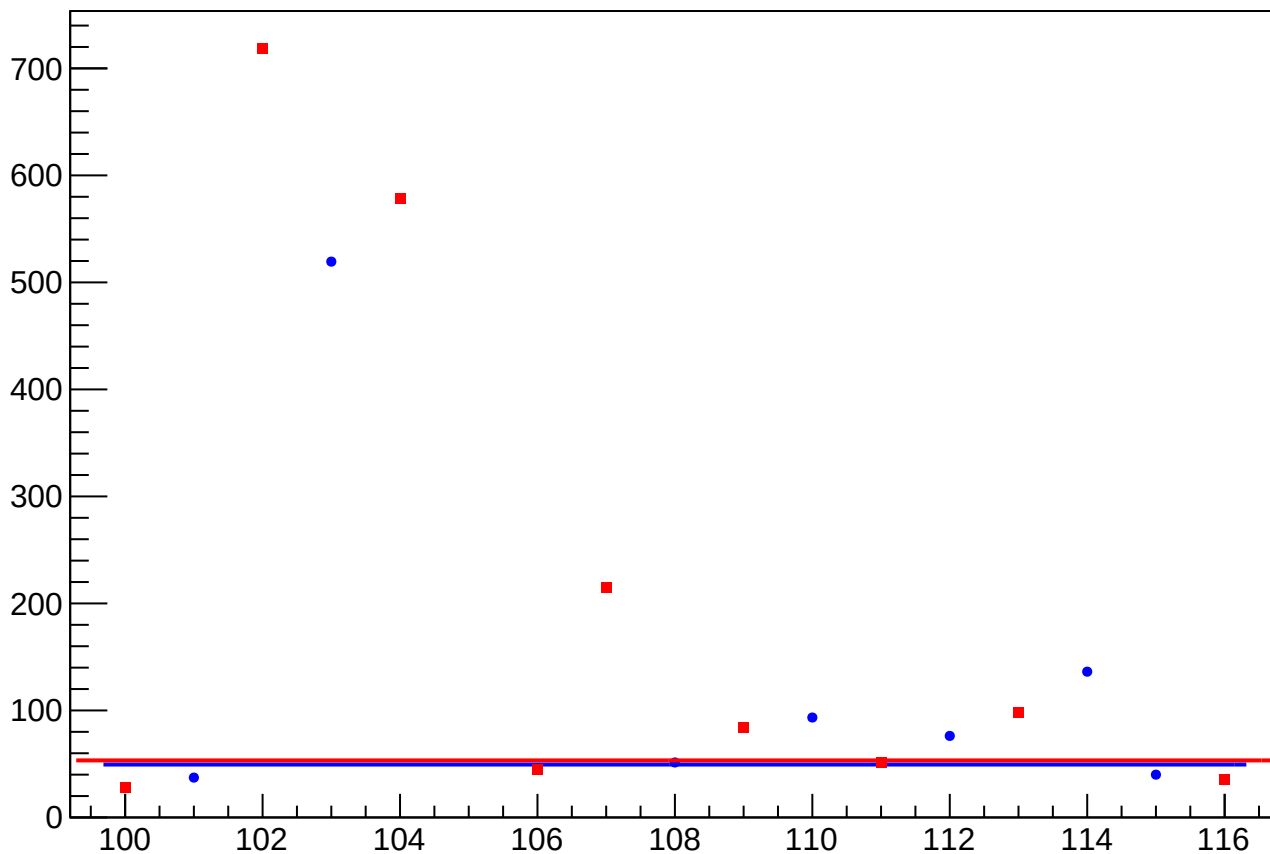
Right: -0.020+/-0.028 χ^2/NDF : 13.2/15

In: -0.008+/-0.037 χ^2/NDF :6.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.028 χ^2/NDF : 13.2/15

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.450+/-0.026 χ^2/NDF : 1432894.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.321+/-0.029 χ^2/NDF : 2291709.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

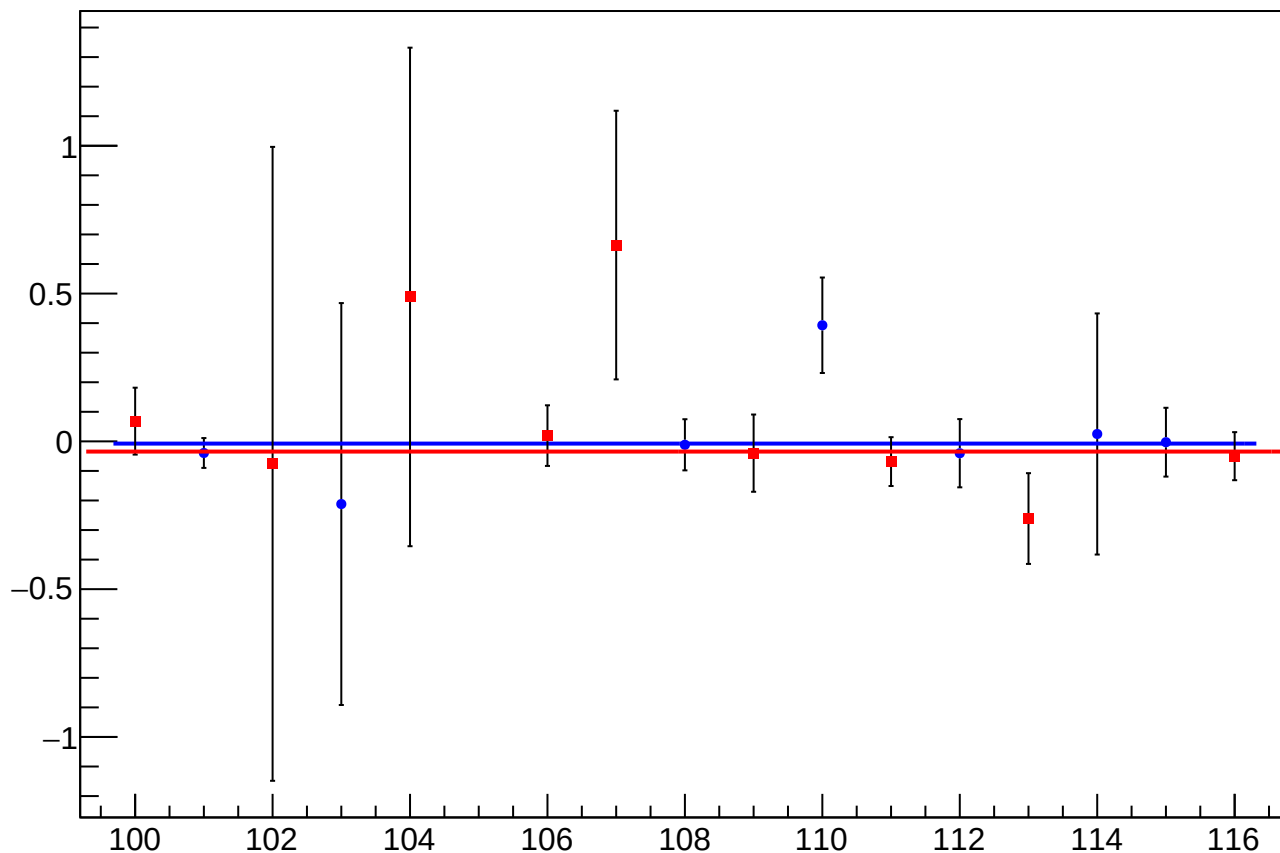
Right: 51.174+/-0.020 χ^2/NDF : 3734229.2/15

In: 49.450+/-0.026 χ^2/NDF : 1432894.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.174+/-0.020 χ^2/NDF : 3734229.2/15

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.037 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.035+/-0.042 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

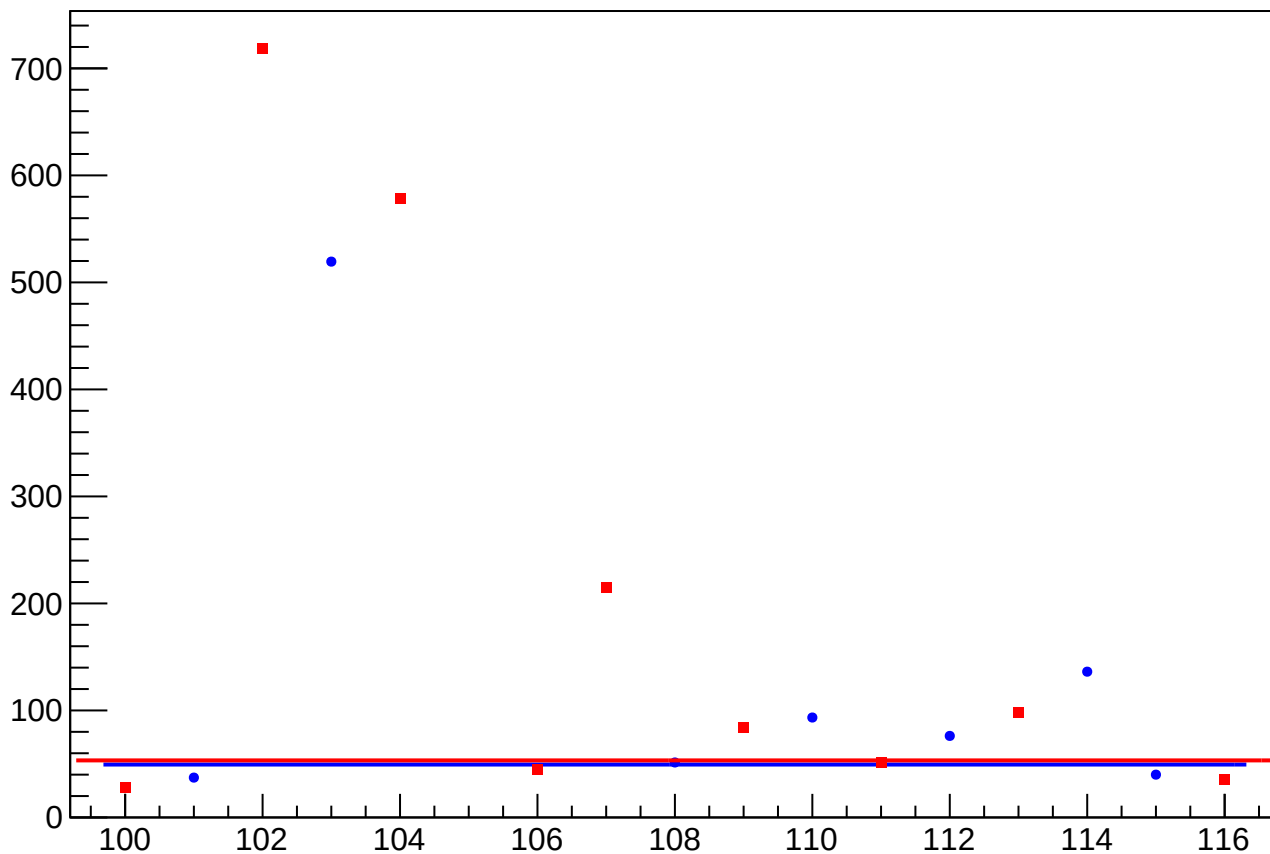
Right: -0.020+/-0.028 χ^2/NDF : 13.2/15

In: -0.008+/-0.037 χ^2/NDF :6.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.028 χ^2/NDF : 13.2/15

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.450+/-0.026 χ^2/NDF : 1432894.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.321+/-0.029 χ^2/NDF : 2291709.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

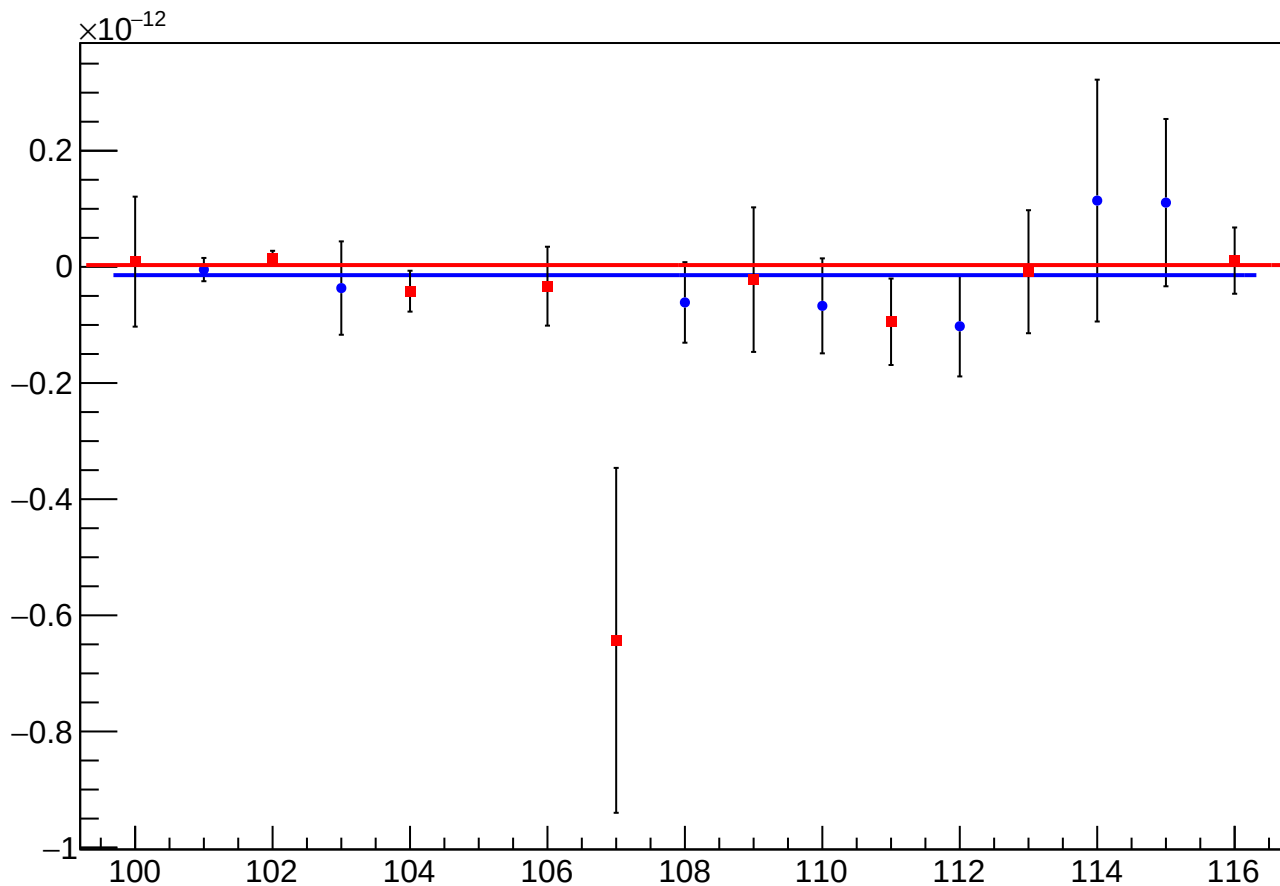
Right: 51.174+/-0.020 χ^2/NDF : 3734229.2/15

In: 49.450+/-0.026 χ^2/NDF : 1432894.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.174+/-0.020 χ^2/NDF : 3734229.2/15

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

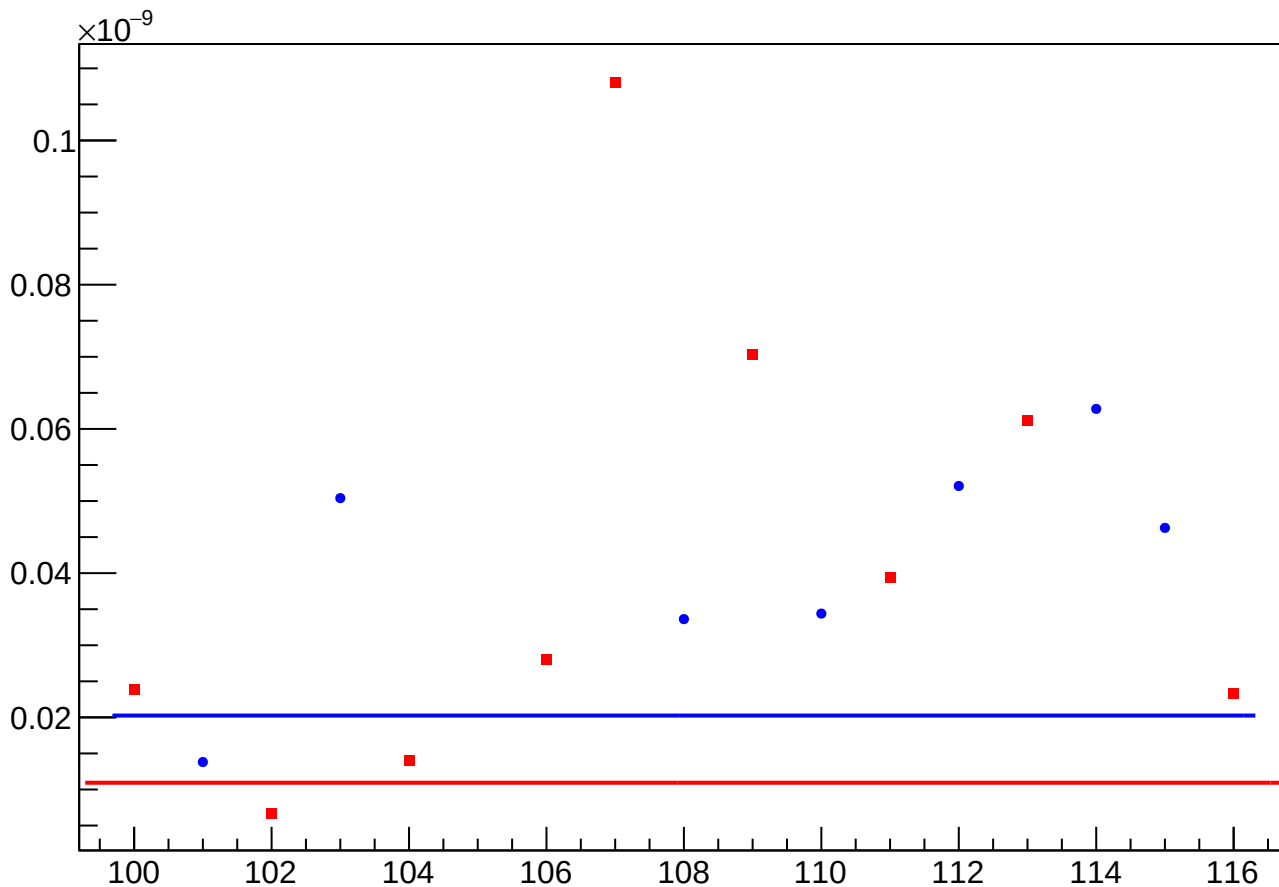
Right: -0.000+/-0.000 χ^2/NDF : 13.3/15

In: -0.000+/-0.000 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/15

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1042358.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1891950.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

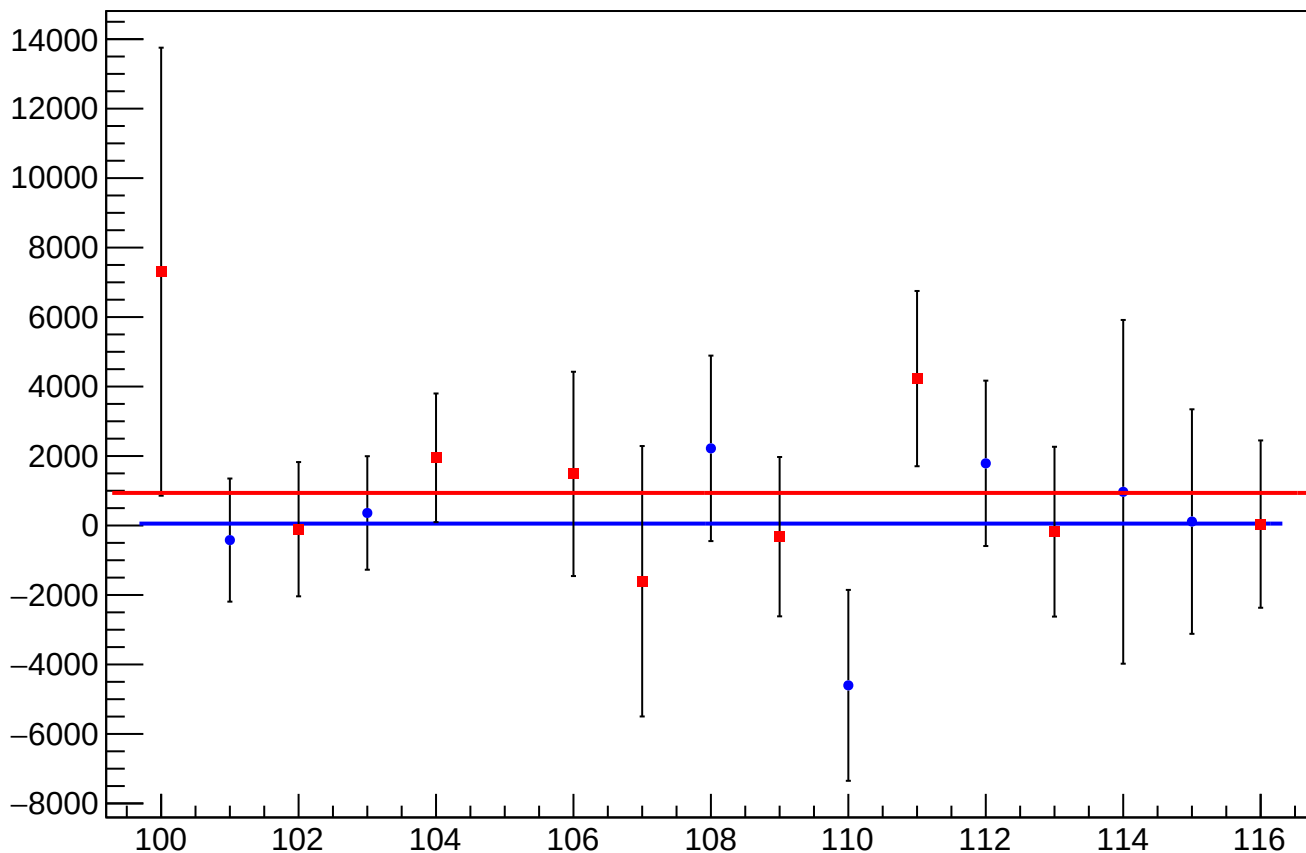
Right: 0.000+/-0.000 χ^2/NDF : 3327342.9/15

In: 0.000+/-0.000 χ^2/NDF : 1042358.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3327342.9/15

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 54.700+/-884.242 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.106+/-829.767 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

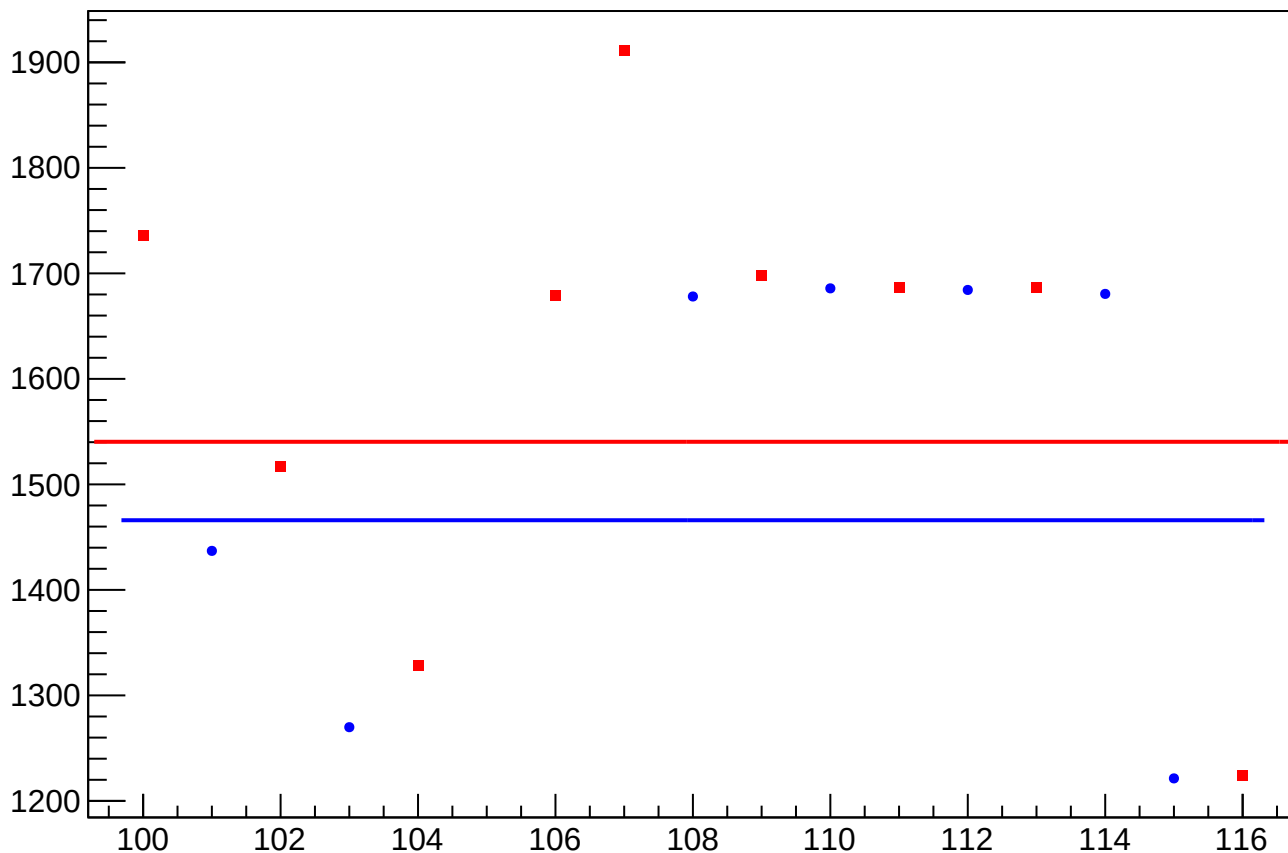
Right: 524.451+/-605.076 χ^2/NDF : 9.1/15

In: 54.700+/-884.242 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.451+/-605.076 χ^2/NDF : 9.1/15

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1466.022+/-0.625 χ^2/NDF : 86827.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.371+/-0.587 χ^2/NDF : 108551.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

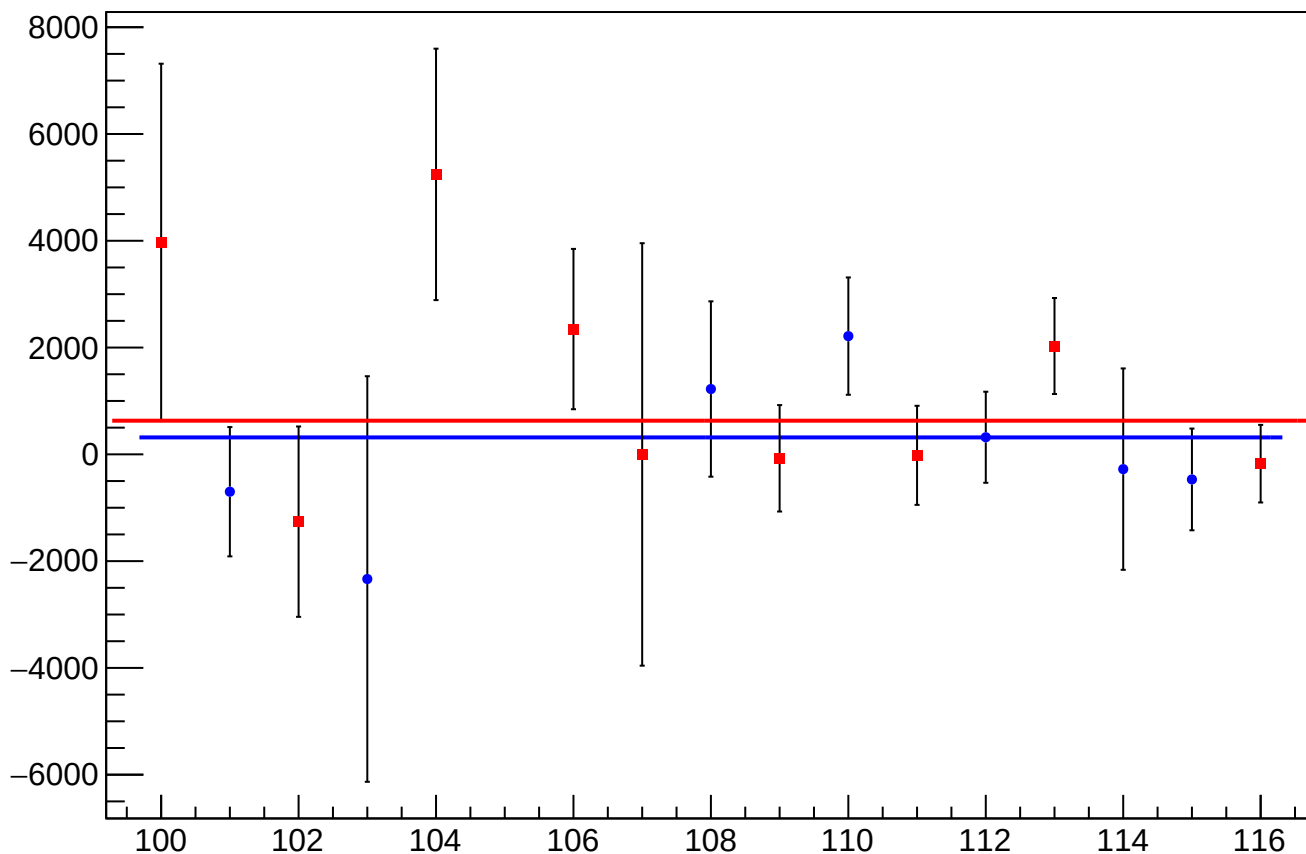
Right: 1505.557+/-0.428 χ^2/NDF : 202897.4/15

In: 1466.022+/-0.625 χ^2/NDF : 86827.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1505.557+/-0.428 χ^2/NDF : 202897.4/15

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 317.175+/-460.835 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.300+/-395.616 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

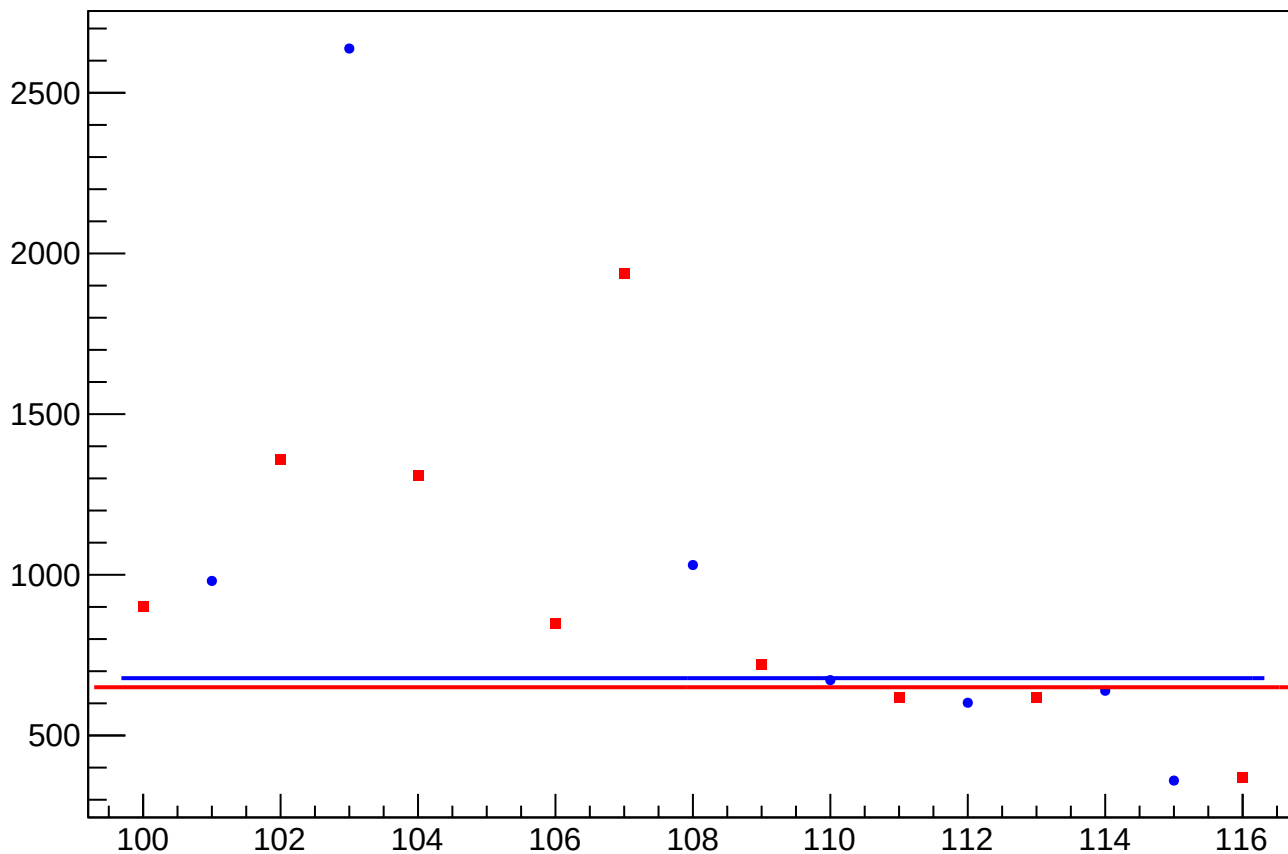
Right: 497.444+/-300.176 χ^2/NDF : 17.5/15

In: 317.175+/-460.835 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.444+/-300.176 χ^2/NDF : 17.5/15

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 678.373+/-0.326 χ^2/NDF : 990055.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 650.126+/-0.280 χ^2/NDF : 1046280.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

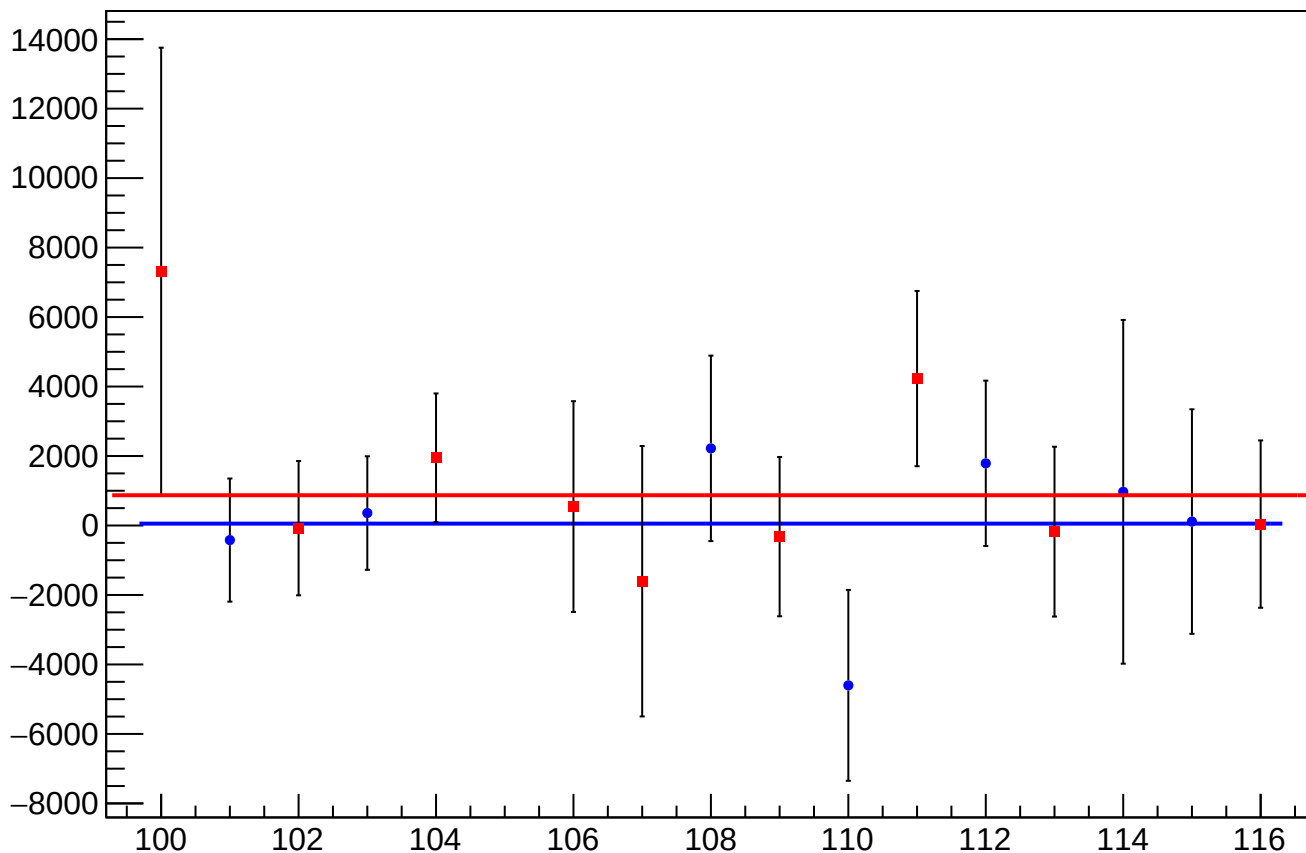
Right: 662.111+/-0.212 χ^2/NDF : 2040662.0/15

In: 678.373+/-0.326 χ^2/NDF : 990055.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.111+/-0.212 χ^2/NDF : 2040662.0/15

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 53.907+/-884.242 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.480+/-831.774 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

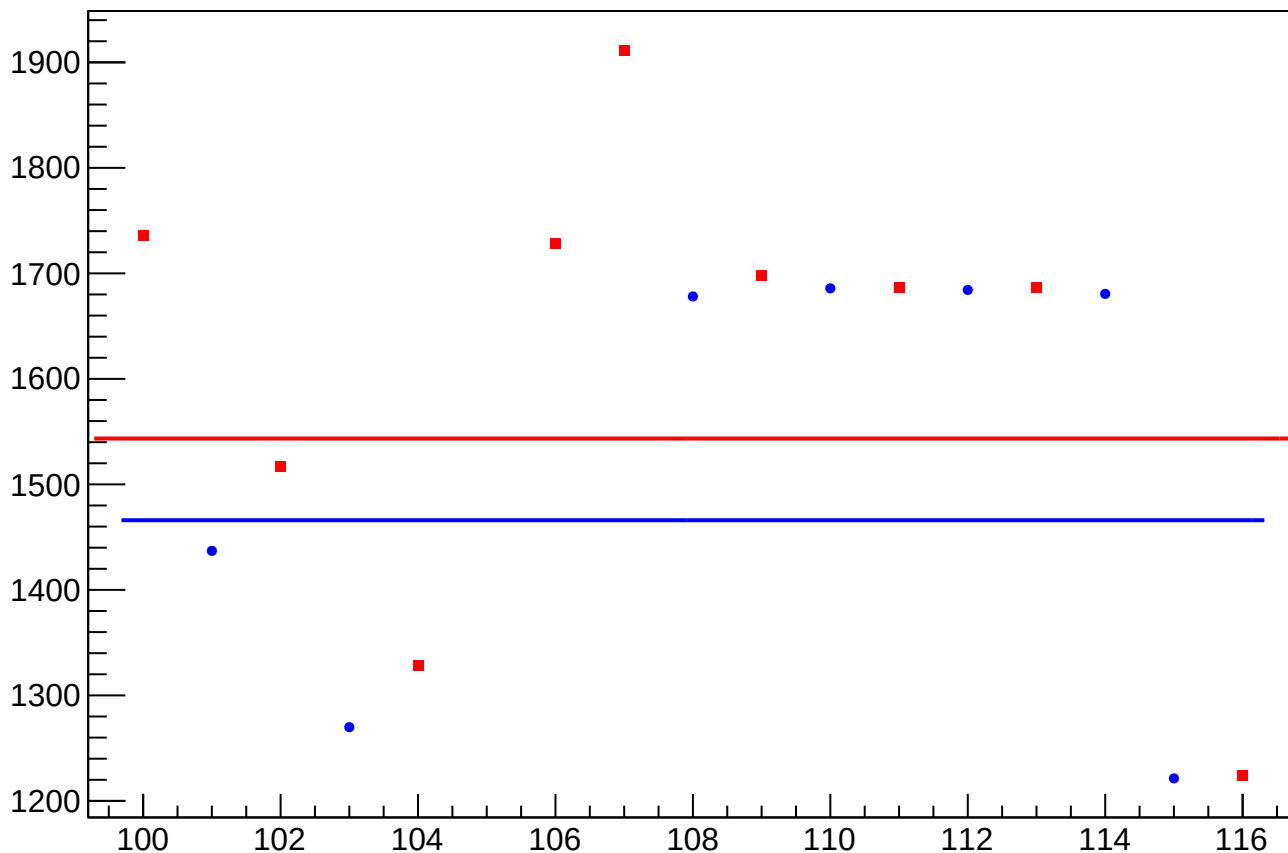
Right: 487.137+/-605.853 χ^2/NDF : 9.0/15

In: 53.907+/-884.242 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.137+/-605.853 χ^2/NDF : 9.0/15

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1466.022+/-0.625 χ^2/NDF : 86827.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1543.482+/-0.588 χ^2/NDF : 111789.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

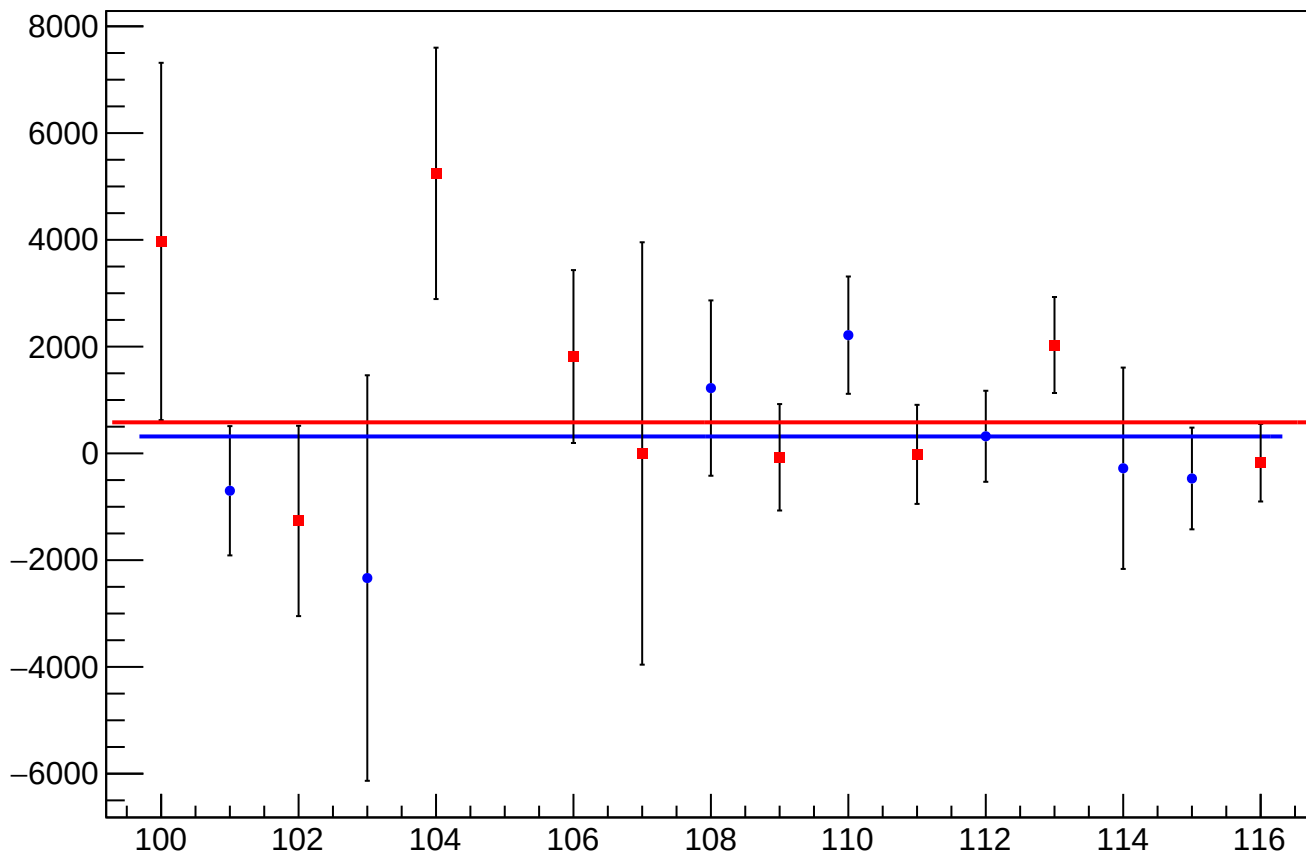
Right: 1507.119+/-0.428 χ^2/NDF : 206759.3/15

In: 1466.022+/-0.625 χ^2/NDF : 86827.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.119+/-0.428 χ^2/NDF : 206759.3/15

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 316.958+/-460.828 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 581.573+/-397.555 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

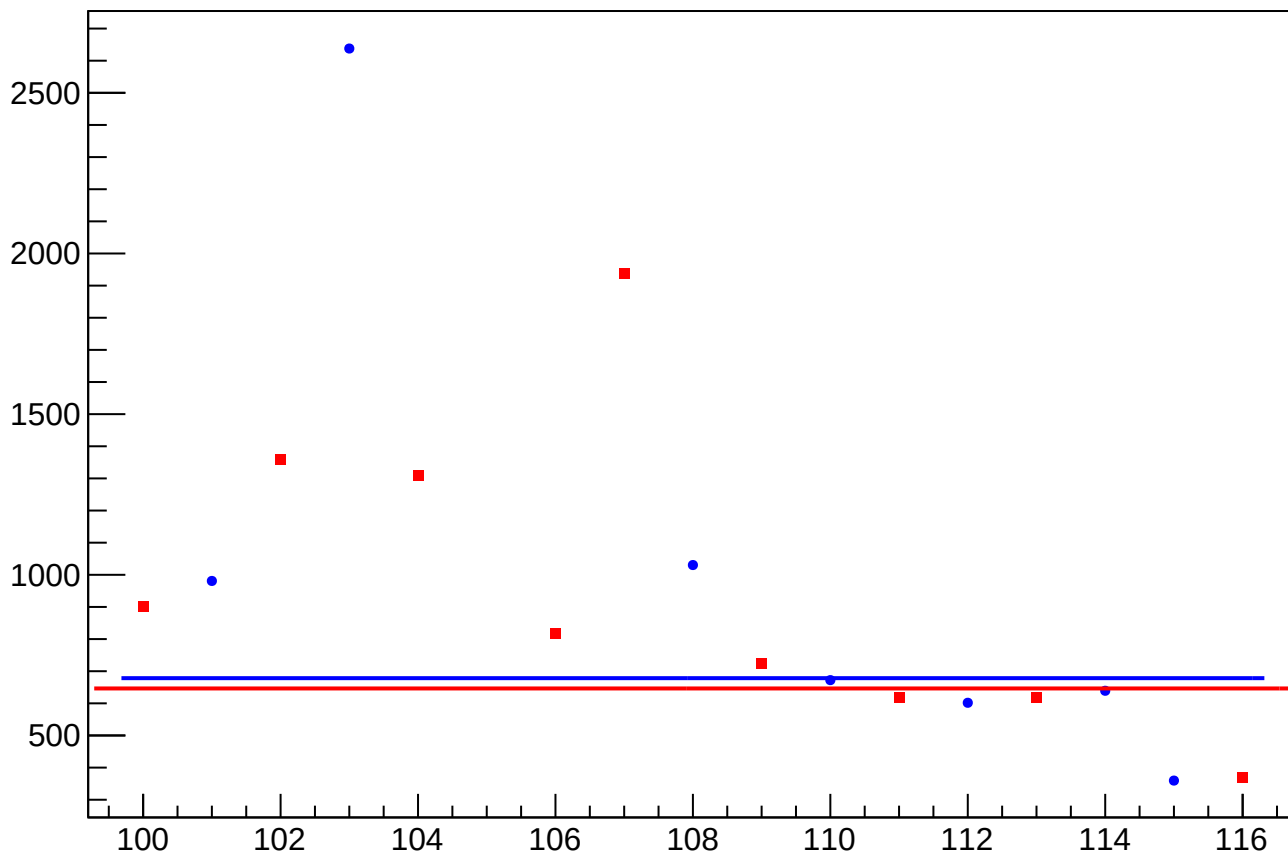
Right: 468.665+/-301.019 χ^2/NDF : 16.6/15

In: 316.958+/-460.828 χ^2/NDF :5.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 468.665+/-301.019 χ^2/NDF : 16.6/15

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.359+/-0.326 χ^2/NDF : 990058.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.319+/-0.281 χ^2/NDF : 1032829.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

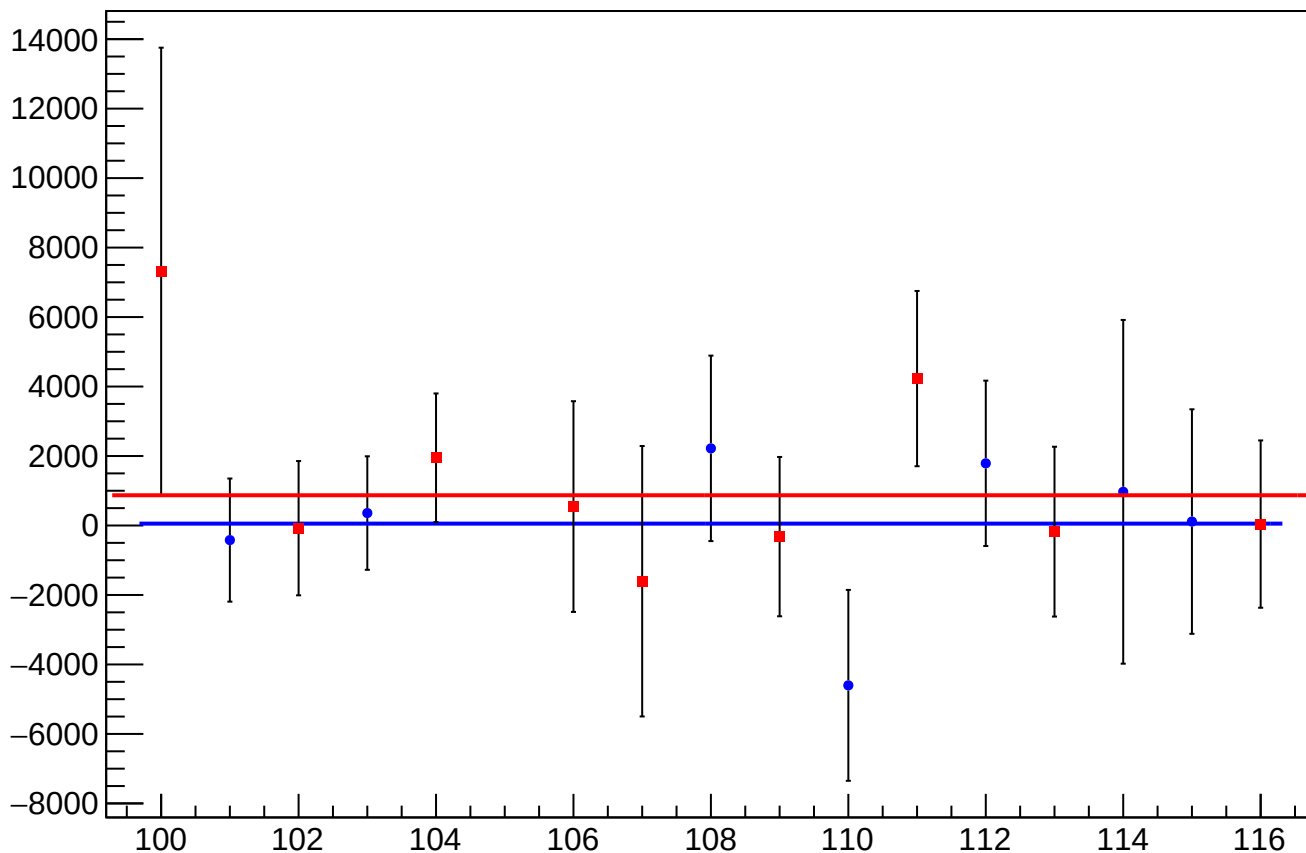
Right: 659.990+/-0.213 χ^2/NDF : 2028431.6/15

In: 678.359+/-0.326 χ^2/NDF : 990058.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.990+/-0.213 χ^2/NDF : 2028431.6/15

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 53.907+/-884.242 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.480+/-831.774 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

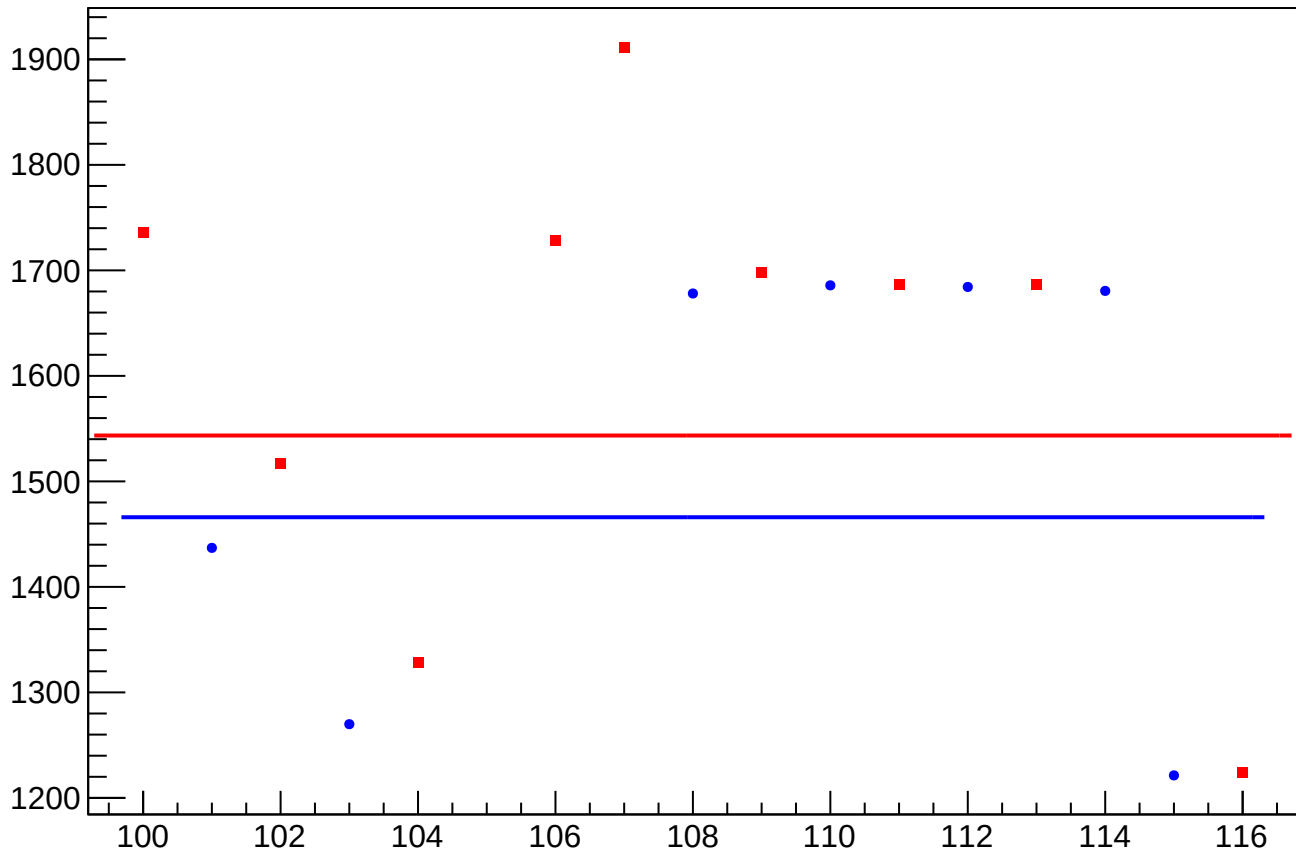
Right: 487.137+/-605.853 χ^2/NDF : 9.0/15

In: 53.907+/-884.242 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.137+/-605.853 χ^2/NDF : 9.0/15

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1466.022+/-0.625 χ^2/NDF : 86827.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1543.482+/-0.588 χ^2/NDF : 111789.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

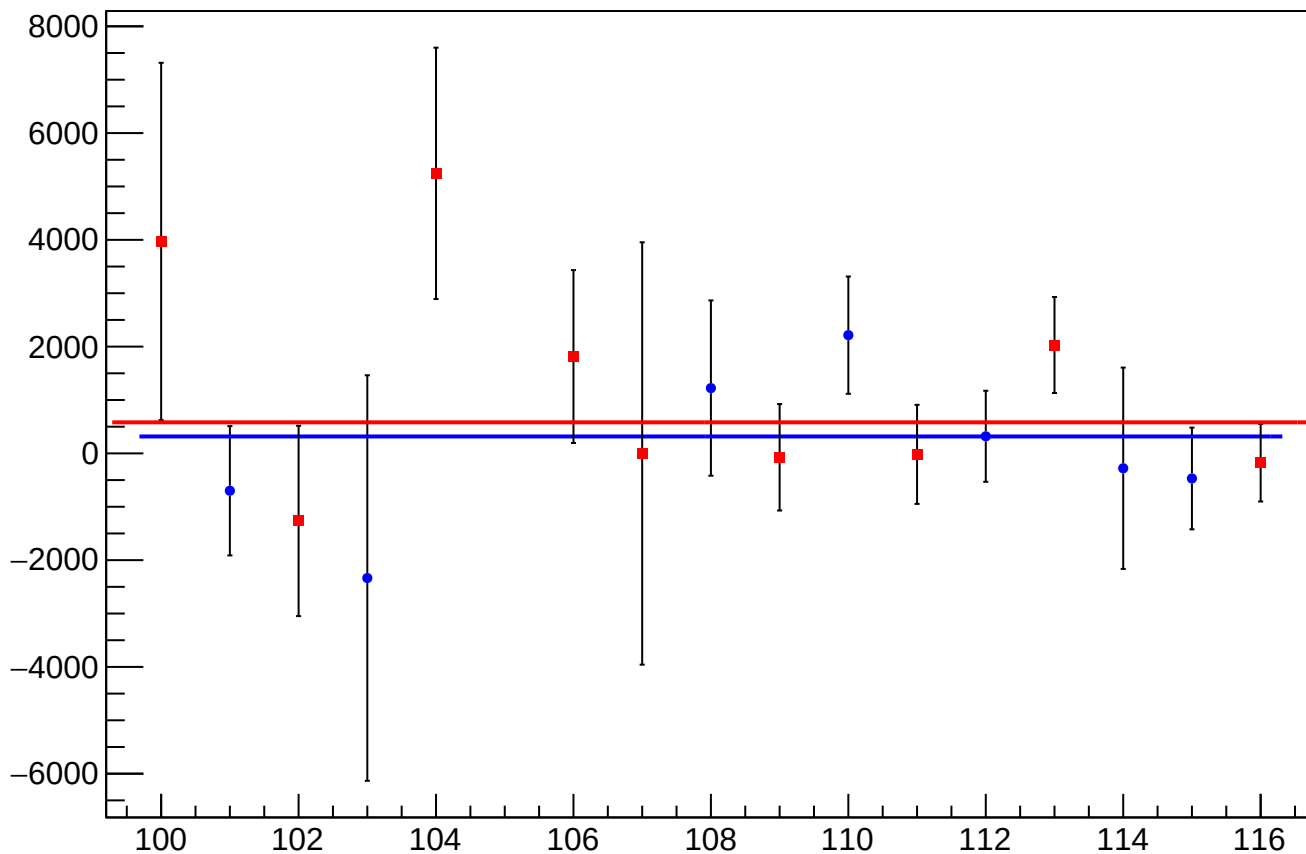
Right: 1507.119+/-0.428 χ^2/NDF : 206759.3/15

In: 1466.022+/-0.625 χ^2/NDF : 86827.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.119+/-0.428 χ^2/NDF : 206759.3/15

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 316.958+/-460.828 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.573+/-397.555 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

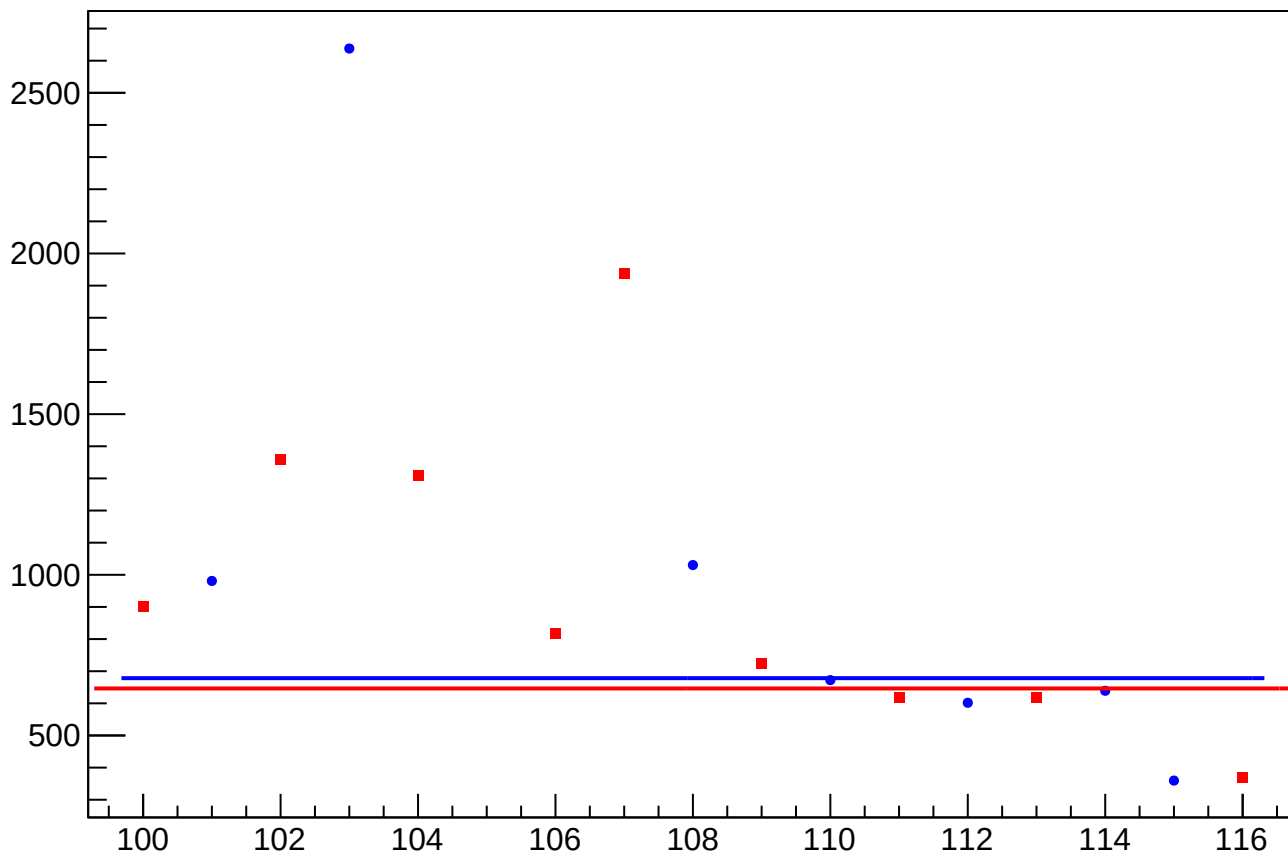
Right: 468.665+/-301.019 χ^2/NDF : 16.6/15

In: 316.958+/-460.828 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.665+/-301.019 χ^2/NDF : 16.6/15

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.359+/-0.326 χ^2/NDF : 990058.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.319+/-0.281 χ^2/NDF : 1032829.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

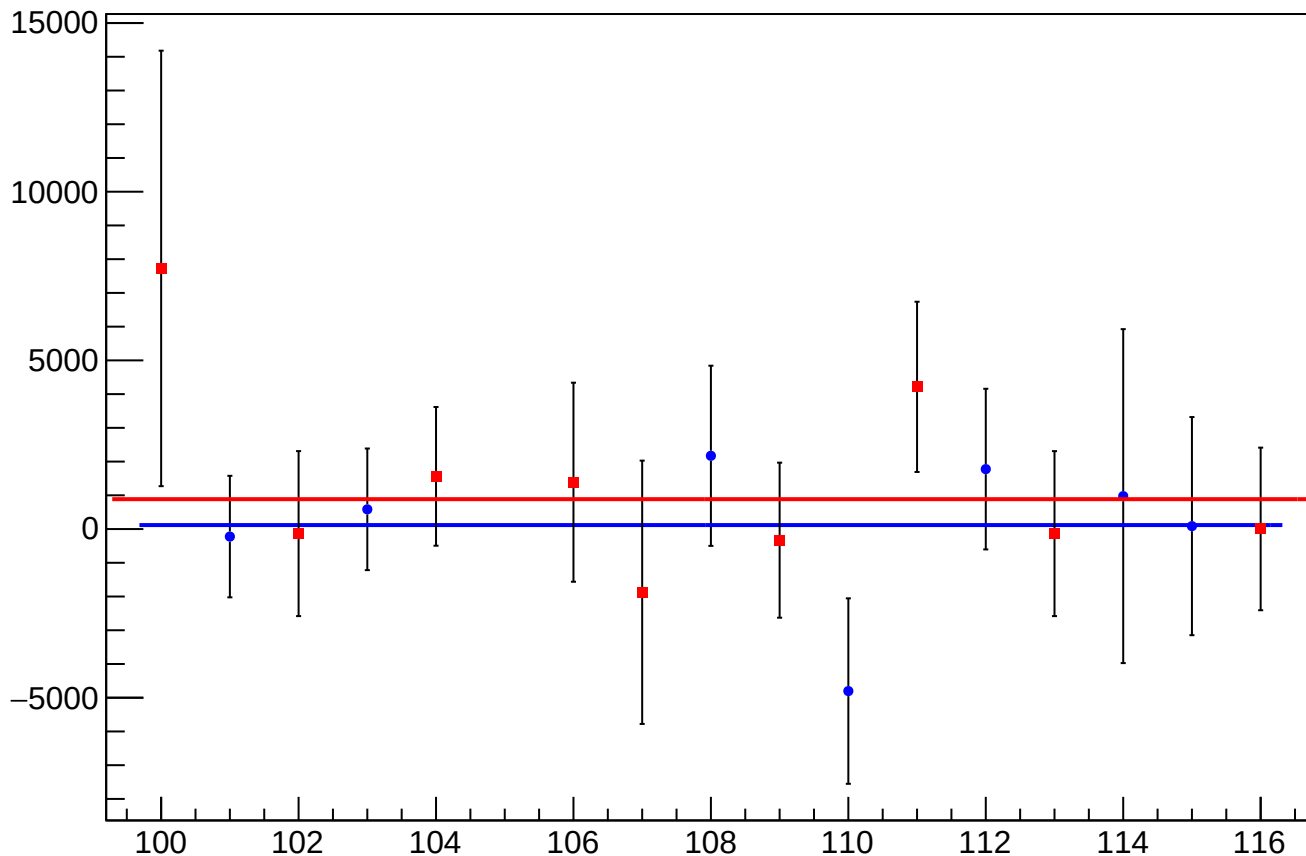
Right: 659.990+/-0.213 χ^2/NDF : 2028431.6/15

In: 678.359+/-0.326 χ^2/NDF : 990058.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.990+/-0.213 χ^2/NDF : 2028431.6/15

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 117.921+/-912.343 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 885.705+/-879.065 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

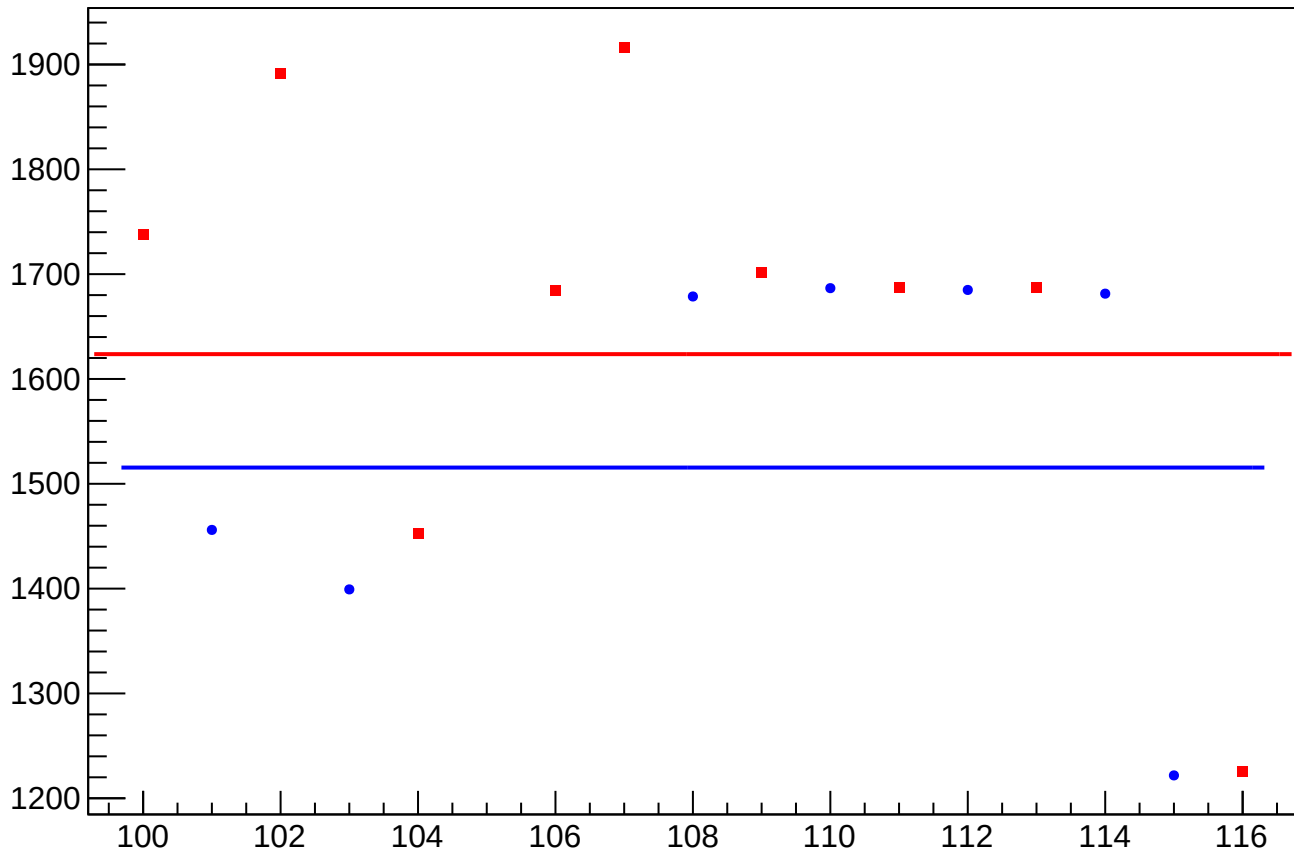
Right: 516.071+/-633.031 χ^2/NDF : 9.0/15

In: 117.921+/-912.343 χ^2/NDF :4.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 516.071+/-633.031 χ^2/NDF : 9.0/15

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1515.481 $\pm$ 0.645 χ^2 /NDF: 54595.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1623.683 $\pm$ 0.622 χ^2 /NDF: 110054.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

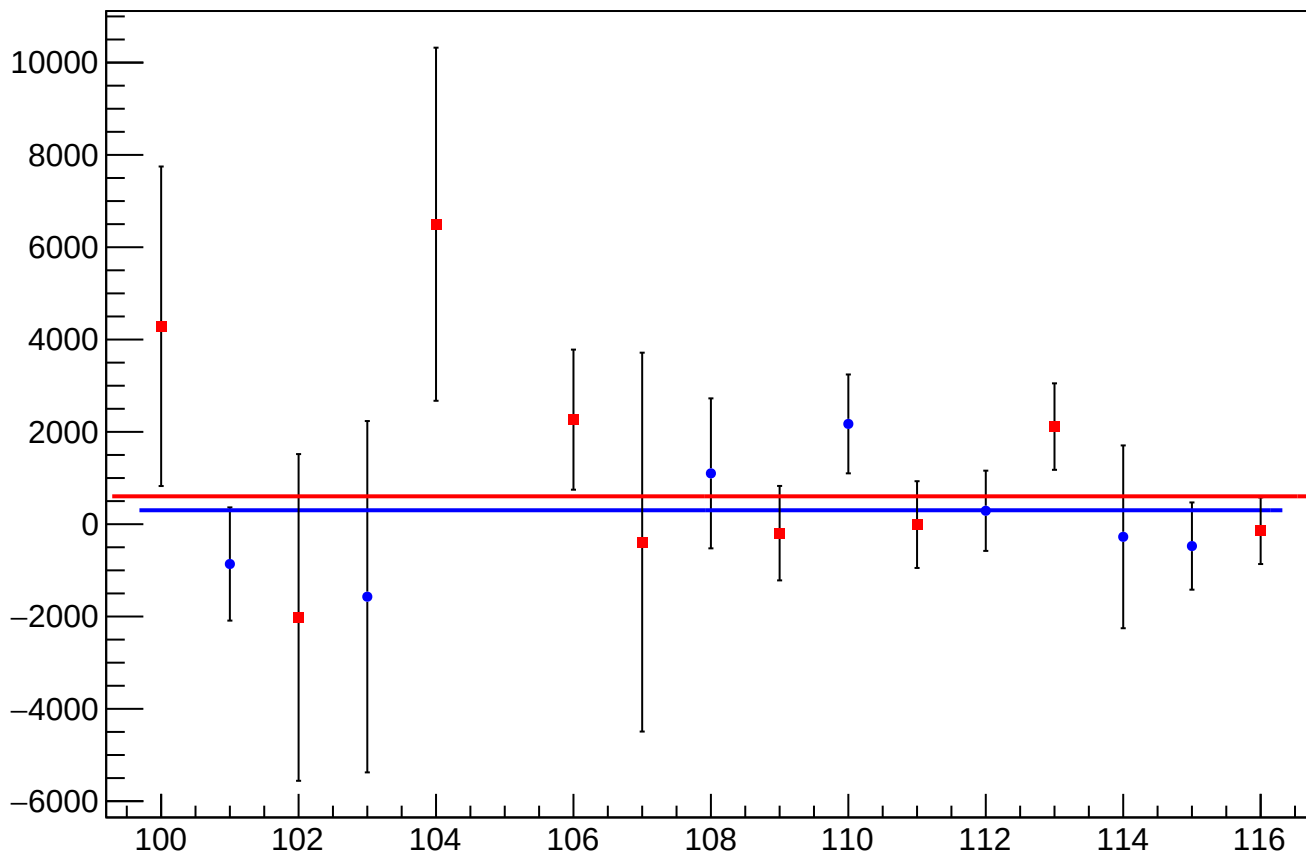
Right: 1571.591 $\pm$ 0.448 χ^2 /NDF: 179237.8/15

In: 1515.481 $\pm$ 0.645 χ^2 /NDF:54595.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1571.591 $\pm$ 0.448 χ^2 /NDF: 179237.8/15

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 301.870+/-462.054 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.903+/-412.688 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

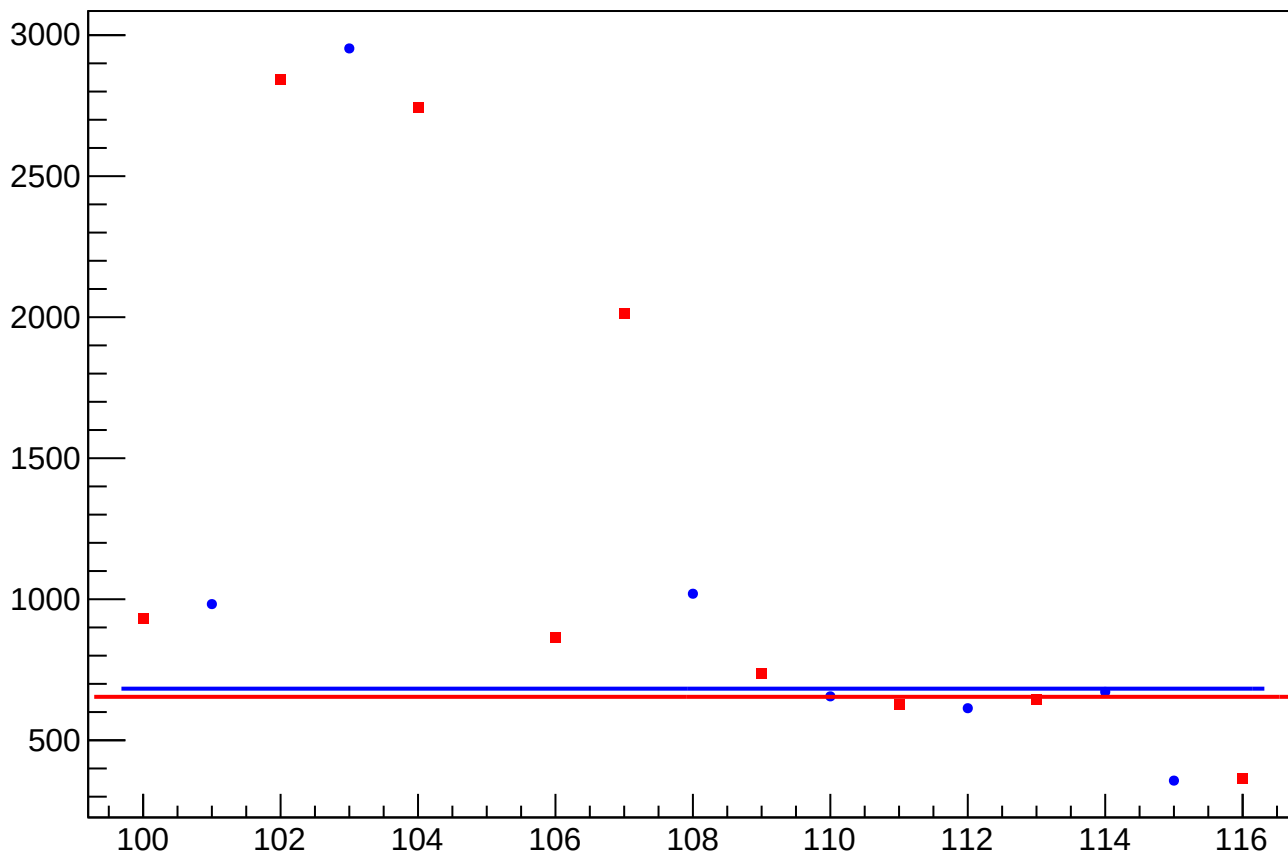
Right: 469.878+/-307.793 χ^2/NDF : 15.4/15

In: 301.870+/-462.054 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.878+/-307.793 χ^2/NDF : 15.4/15

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 682.976+/-0.327 χ^2/NDF : 1169056.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.002+/-0.292 χ^2/NDF : 1966409.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

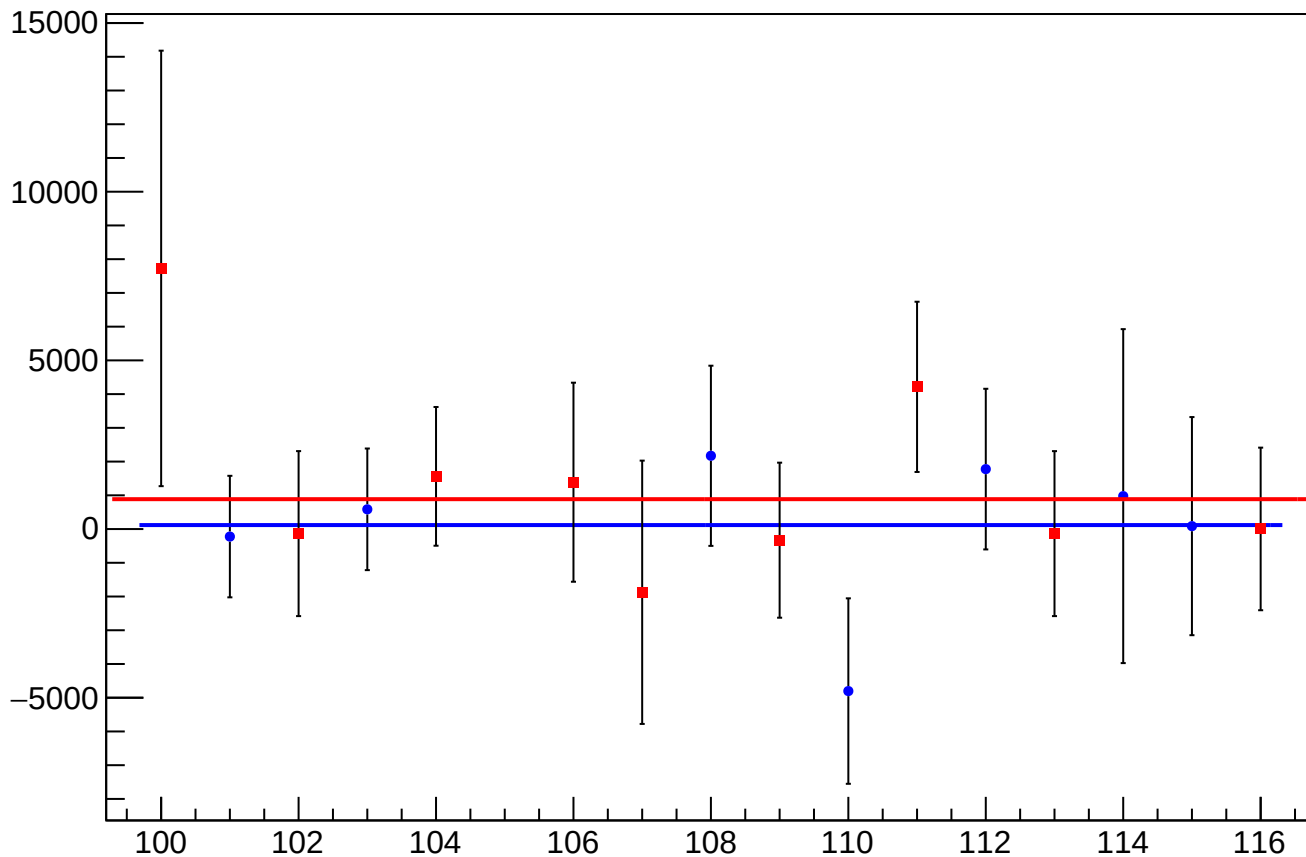
Right: 666.859+/-0.218 χ^2/NDF : 3139840.8/15

In: 682.976+/-0.327 χ^2/NDF : 1169056.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.859+/-0.218 χ^2/NDF : 3139840.8/15

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 117.924+/-912.343 χ^2 /NDF: 4.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 885.706+/-879.064 χ^2 /NDF: 4.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

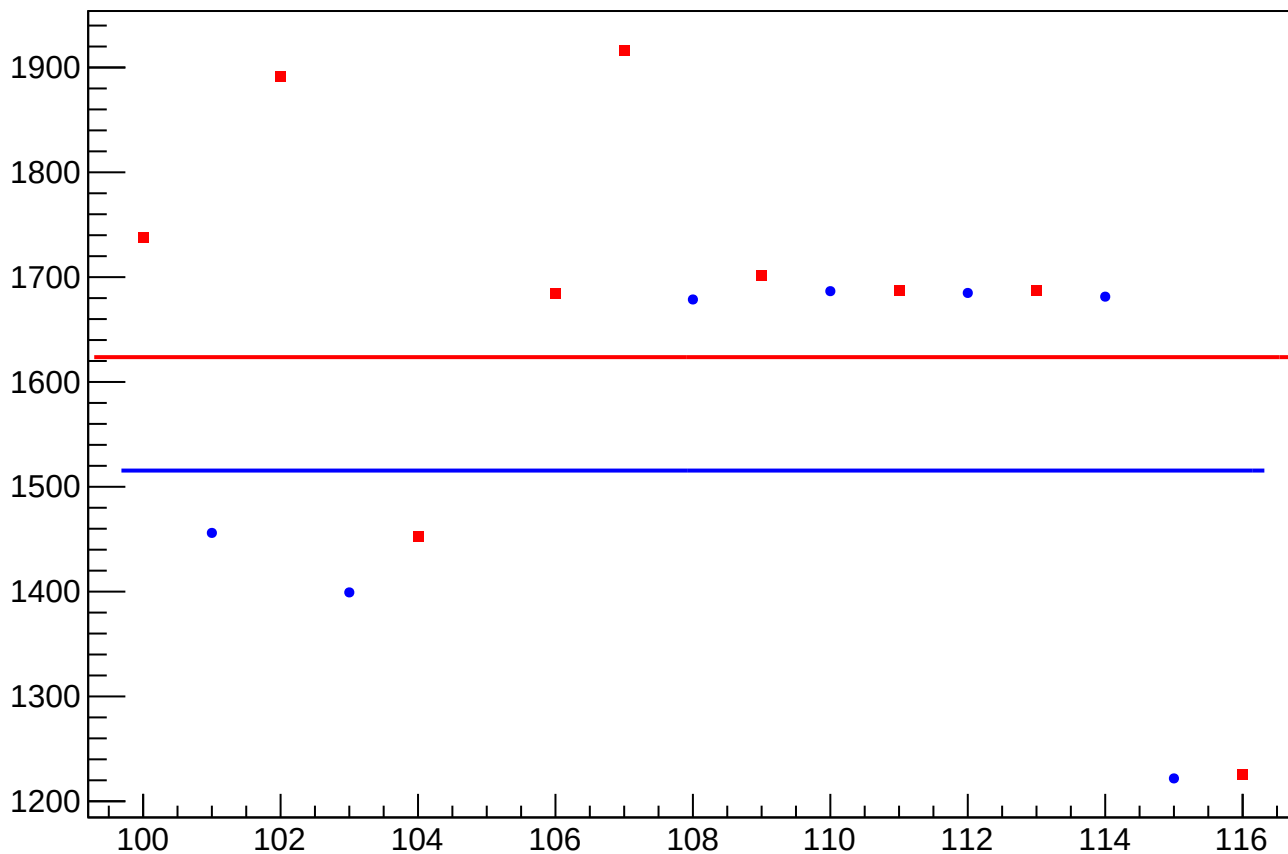
Right: 516.073+/-633.030 χ^2 /NDF: 9.0/15

In: 117.924+/-912.343 χ^2 /NDF:4.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 516.073+/-633.030 χ^2 /NDF: 9.0/15

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1515.480+/-0.645 χ^2/NDF : 54595.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1623.683+/-0.622 χ^2/NDF : 110054.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

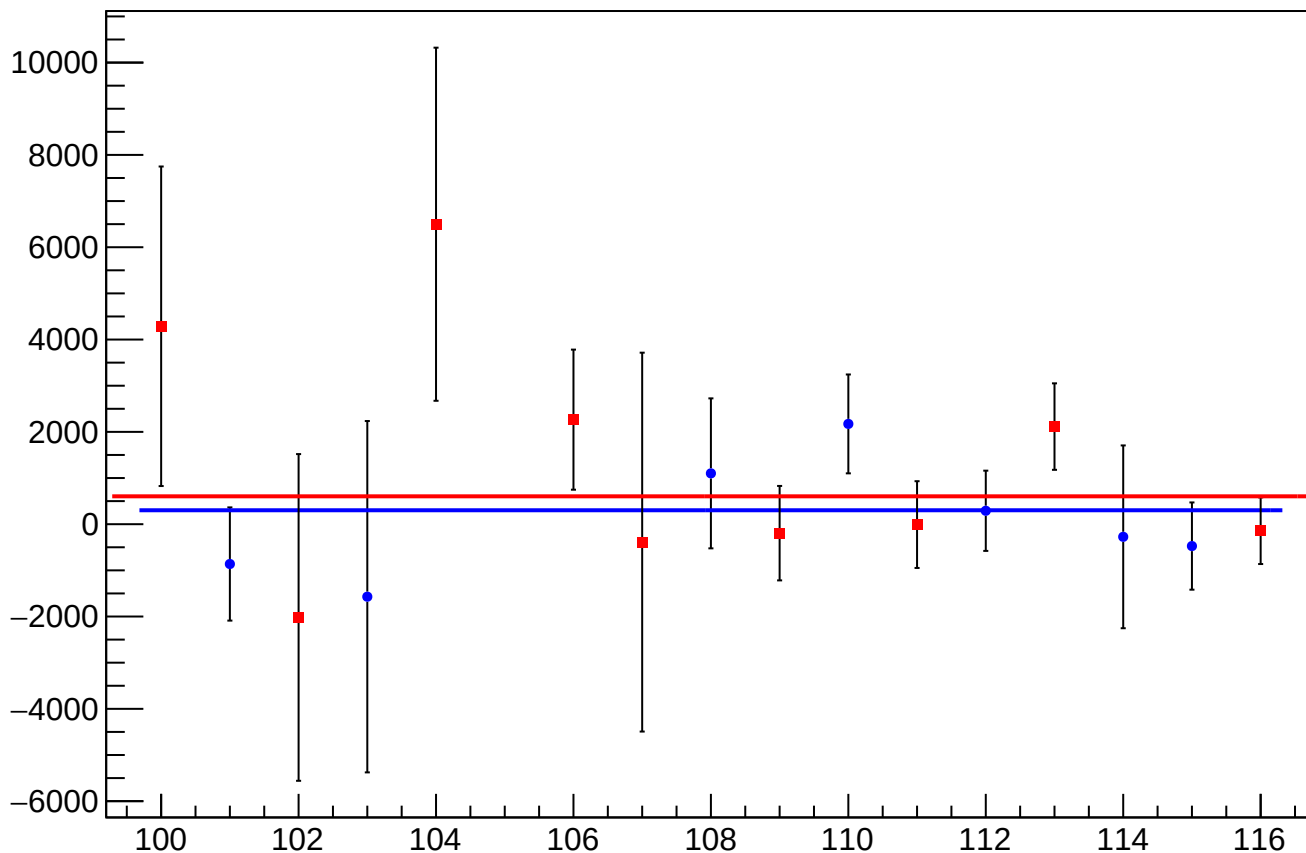
Right: 1571.591+/-0.448 χ^2/NDF : 179238.4/15

In: 1515.480+/-0.645 χ^2/NDF : 54595.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.591+/-0.448 χ^2/NDF : 179238.4/15

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 301.872+/-462.054 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.901+/-412.687 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

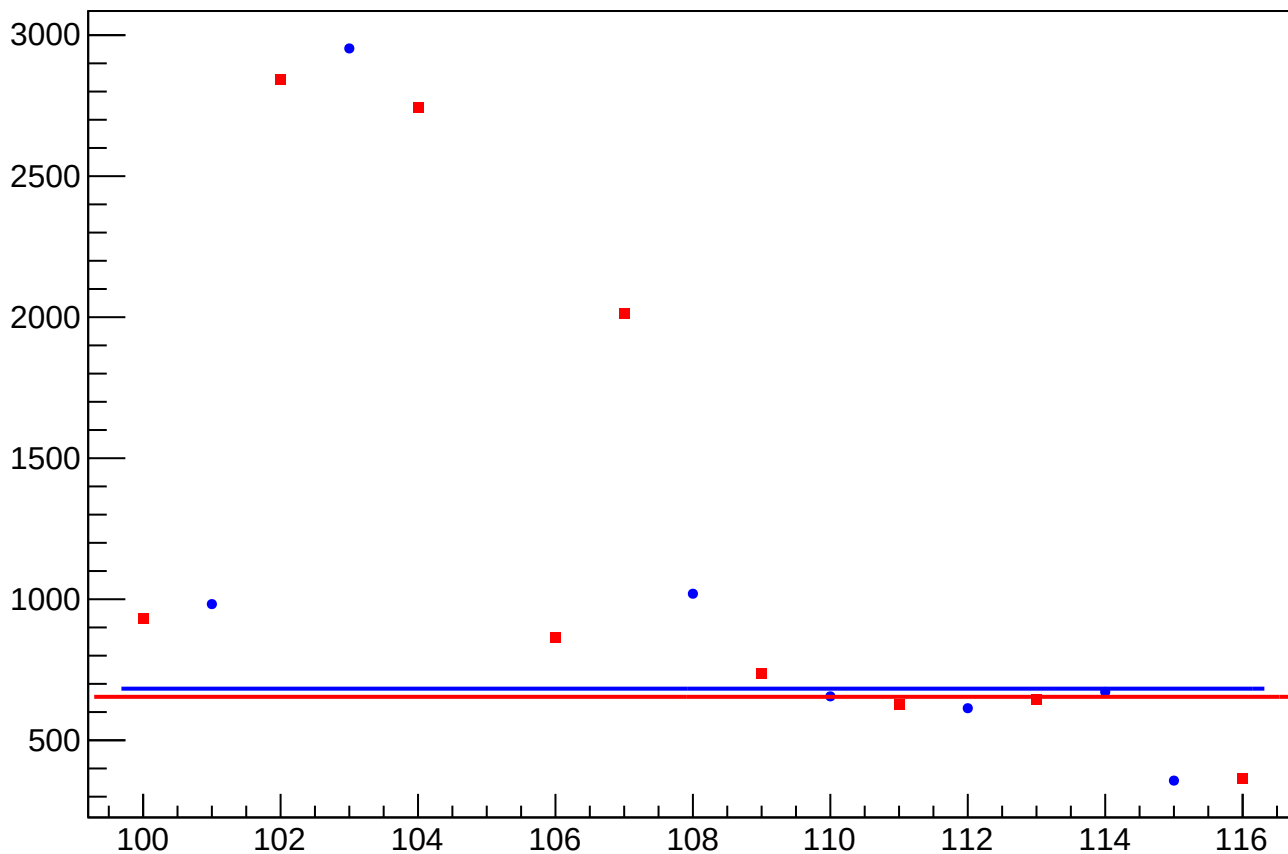
Right: 469.878+/-307.793 χ^2/NDF : 15.4/15

In: 301.872+/-462.054 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.878+/-307.793 χ^2/NDF : 15.4/15

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 682.976+/-0.327 χ^2/NDF : 1169055.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.002+/-0.292 χ^2/NDF : 1966412.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

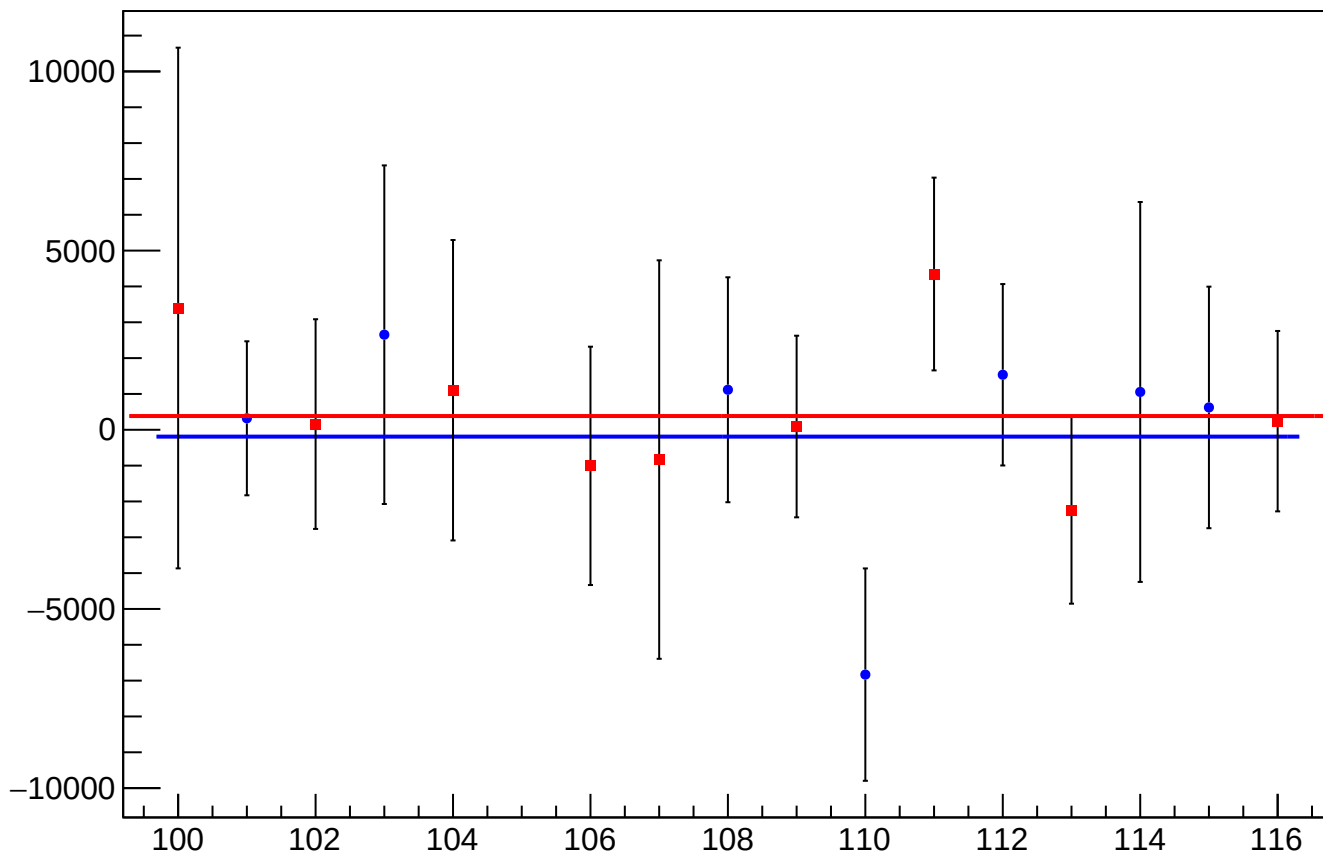
Right: 666.859+/-0.218 χ^2/NDF : 3139842.1/15

In: 682.976+/-0.327 χ^2/NDF : 1169055.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.859+/-0.218 χ^2/NDF : 3139842.1/15

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -190.873+/-1149.751 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.629+/-1045.847 χ^2/NDF : 3.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

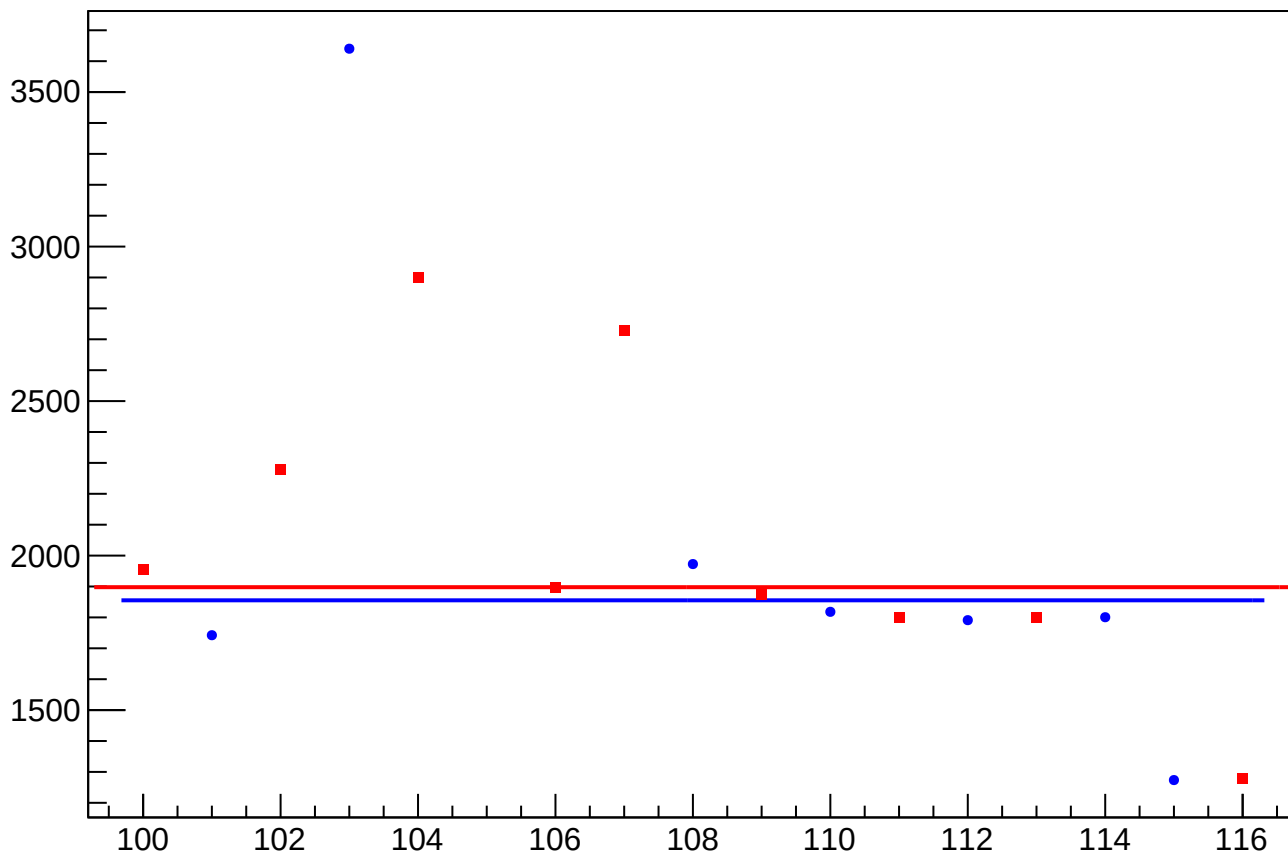
Right: 123.505+/-773.657 χ^2/NDF : 10.0/15

In: -190.873+/-1149.751 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.505+/-773.657 χ^2/NDF : 10.0/15

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1855.298+/-0.813 χ^2/NDF : 355194.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.811+/-0.740 χ^2/NDF : 319103.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

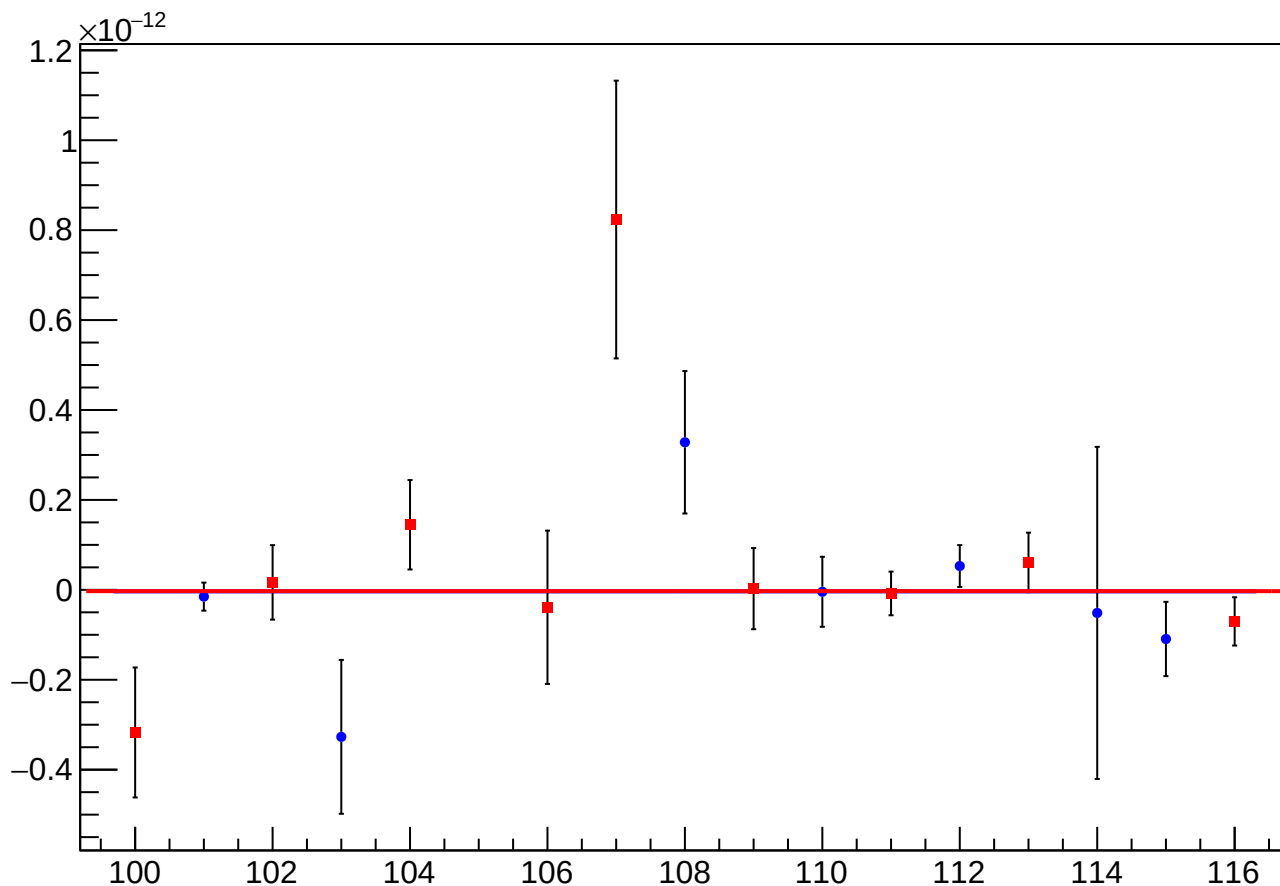
Right: 1878.562+/-0.547 χ^2/NDF : 675795.0/15

In: 1855.298+/-0.813 χ^2/NDF : 355194.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.562+/-0.547 χ^2/NDF : 675795.0/15

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

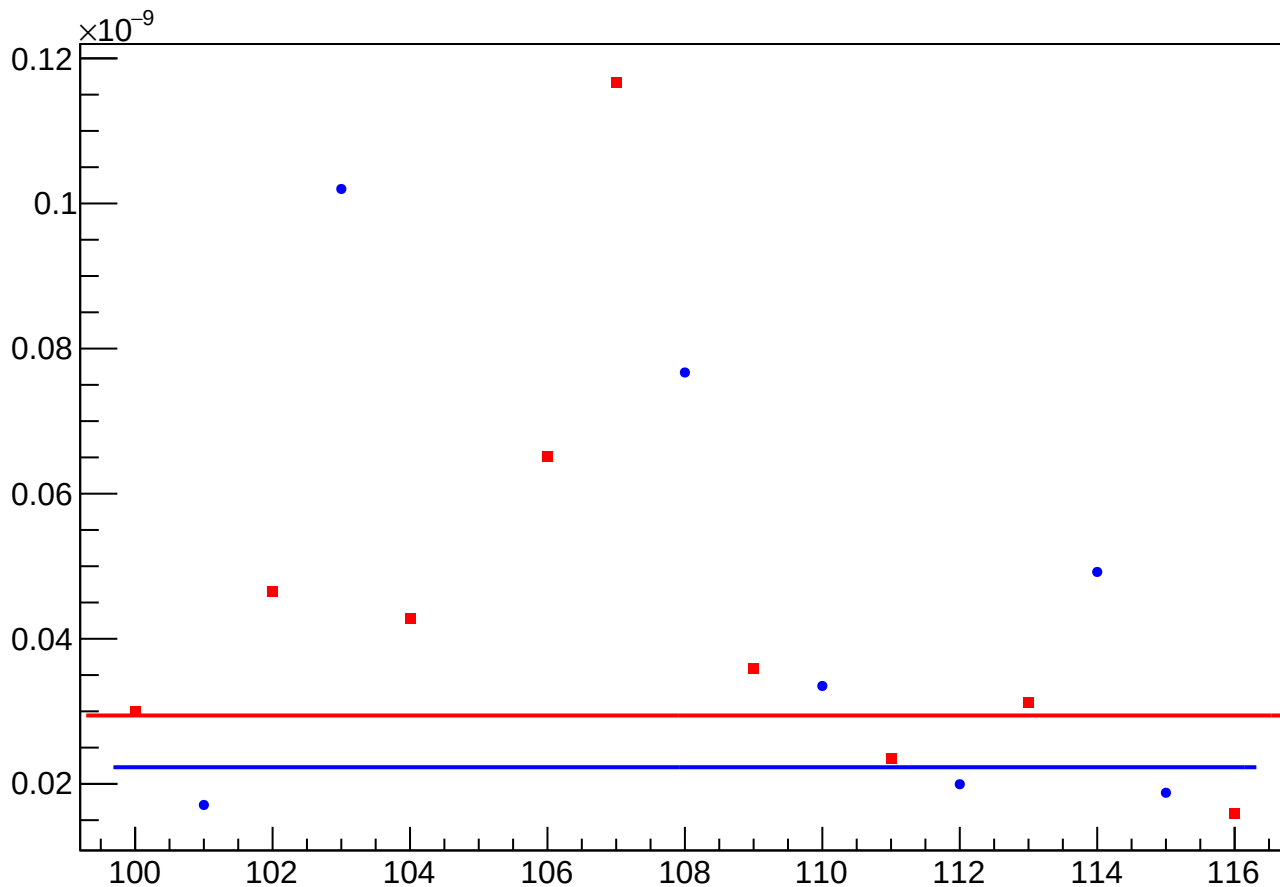
Right: -0.000+/-0.000 χ^2 /NDF: 27.9/15

In: -0.000+/-0.000 χ^2 /NDF:11.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.9/15

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 786162.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536972.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

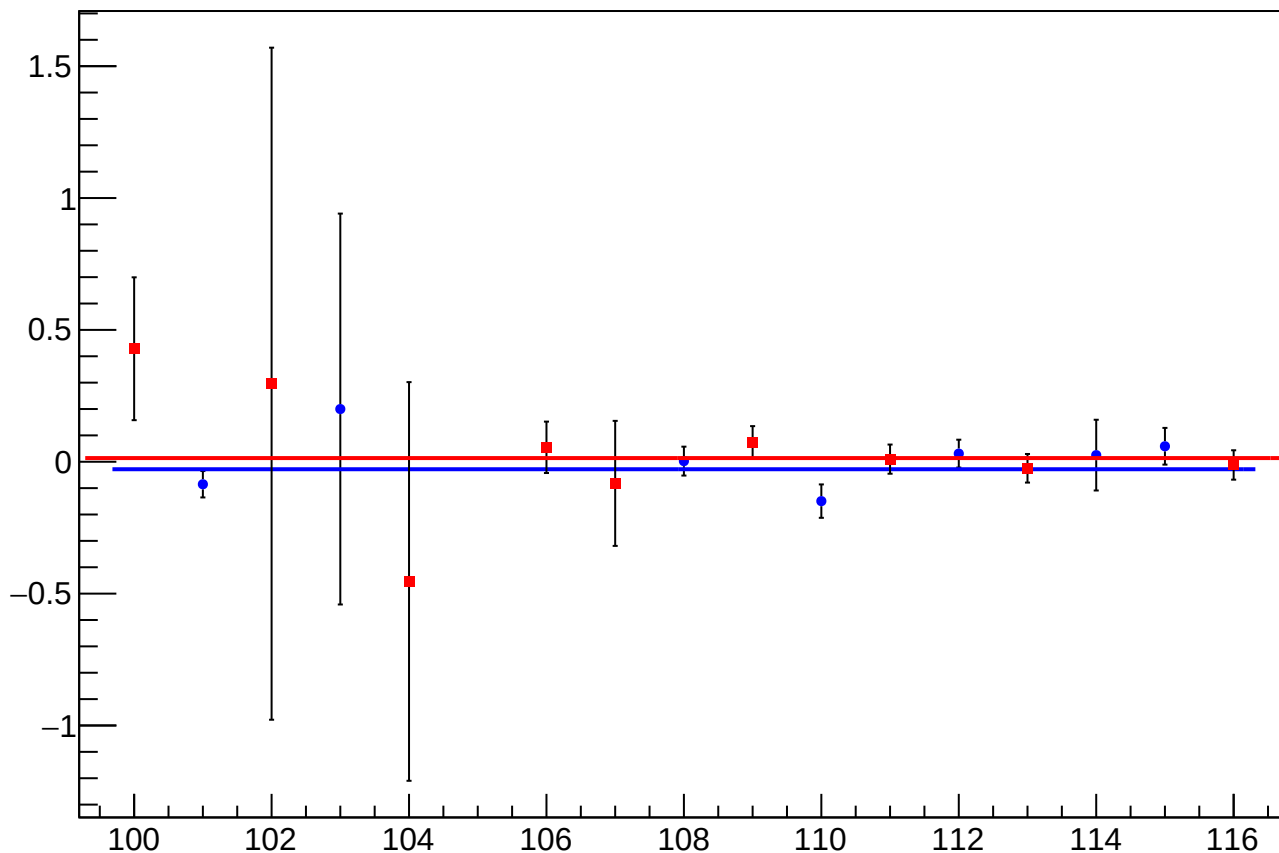
Right: 0.000+/-0.000 χ^2/NDF : 1406874.0/15

In: 0.000+/-0.000 χ^2/NDF : 786162.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1406874.0/15

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.025 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.027 χ^2/NDF : 4.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

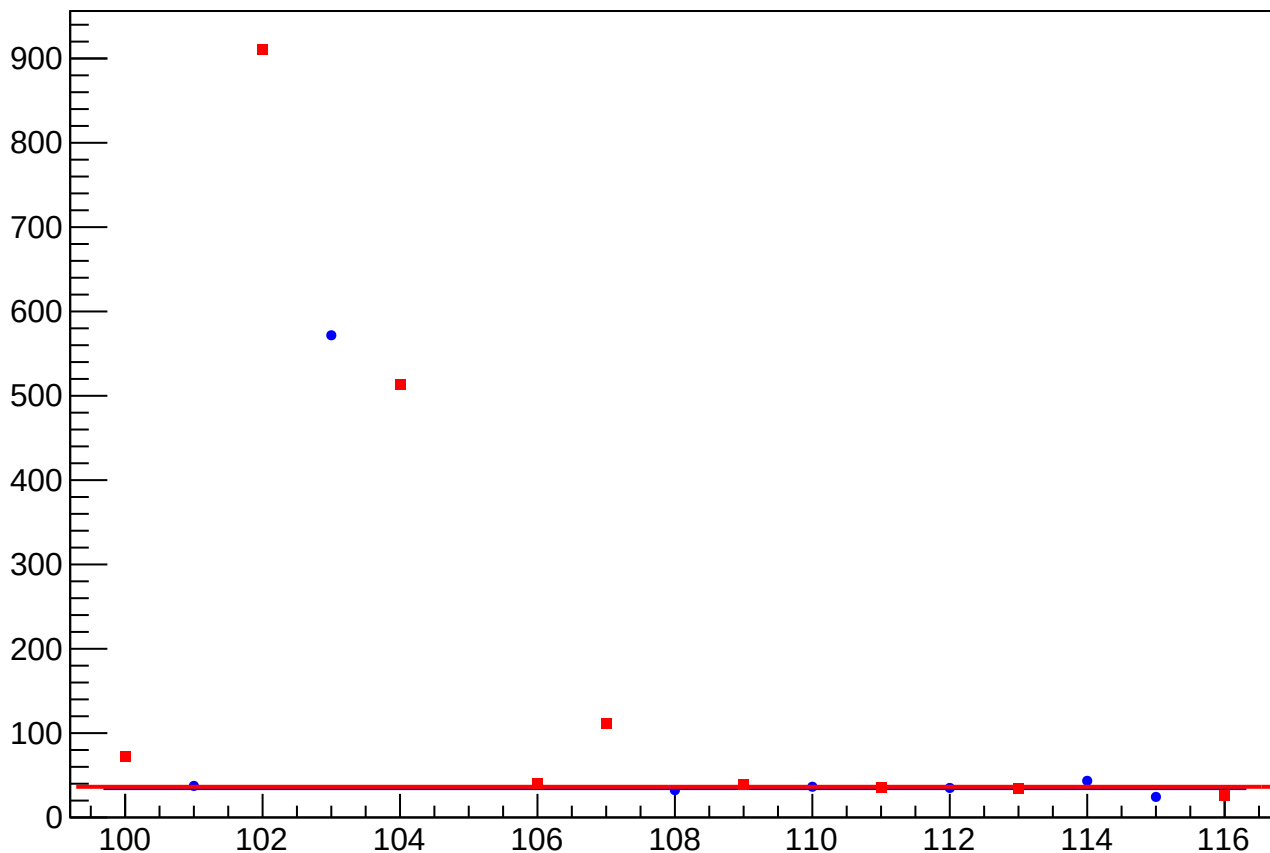
Right: -0.009+/-0.018 χ^2/NDF : 14.4/15

In: -0.028+/-0.025 χ^2/NDF :8.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.018 χ^2/NDF : 14.4/15

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.812 $\pm$ 0.018 χ^2 /NDF: 1113877.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.354 $\pm$ 0.019 χ^2 /NDF: 2062689.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

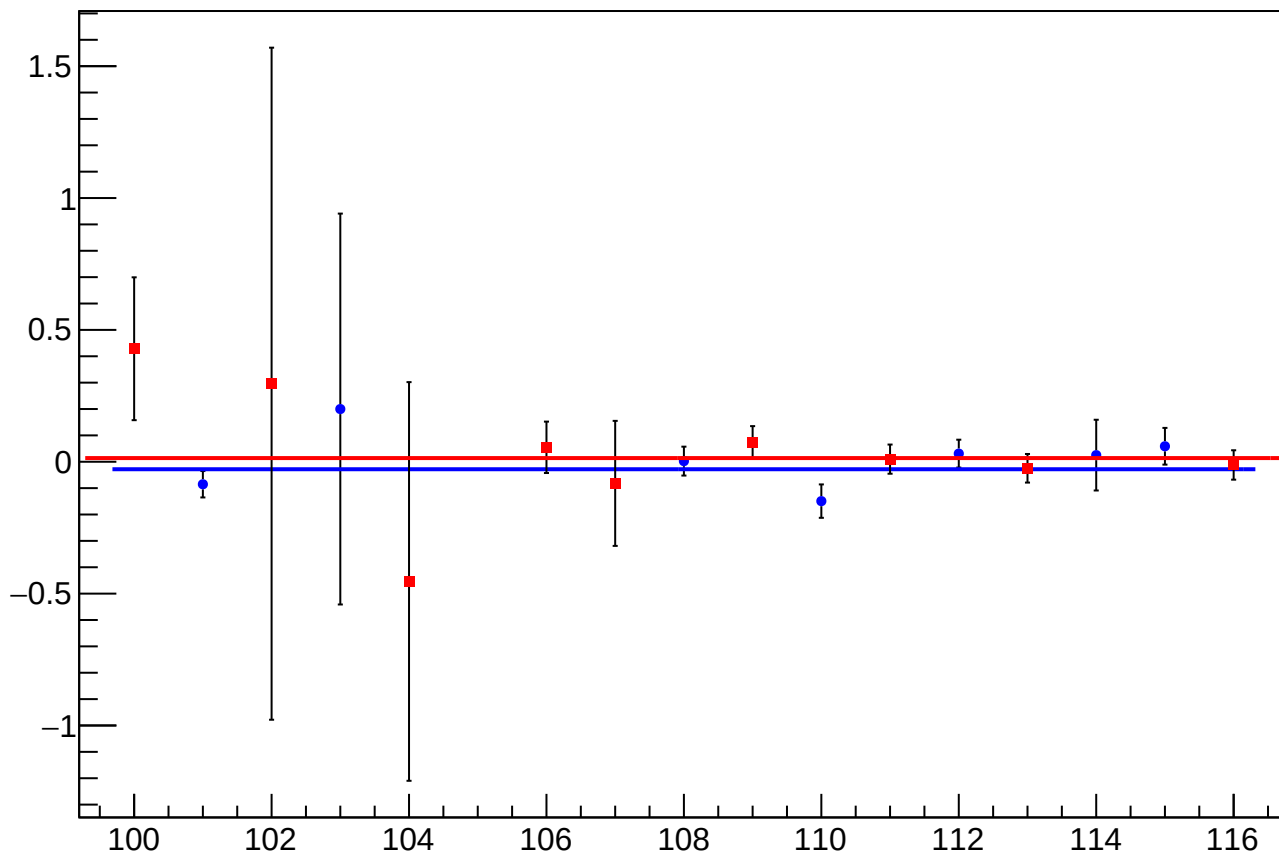
Right: 35.527 $\pm$ 0.013 χ^2 /NDF: 3180106.0/15

In: 34.812 $\pm$ 0.018 χ^2 /NDF:1113877.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.527 $\pm$ 0.013 χ^2 /NDF: 3180106.0/15

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.025 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.027 χ^2/NDF : 4.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

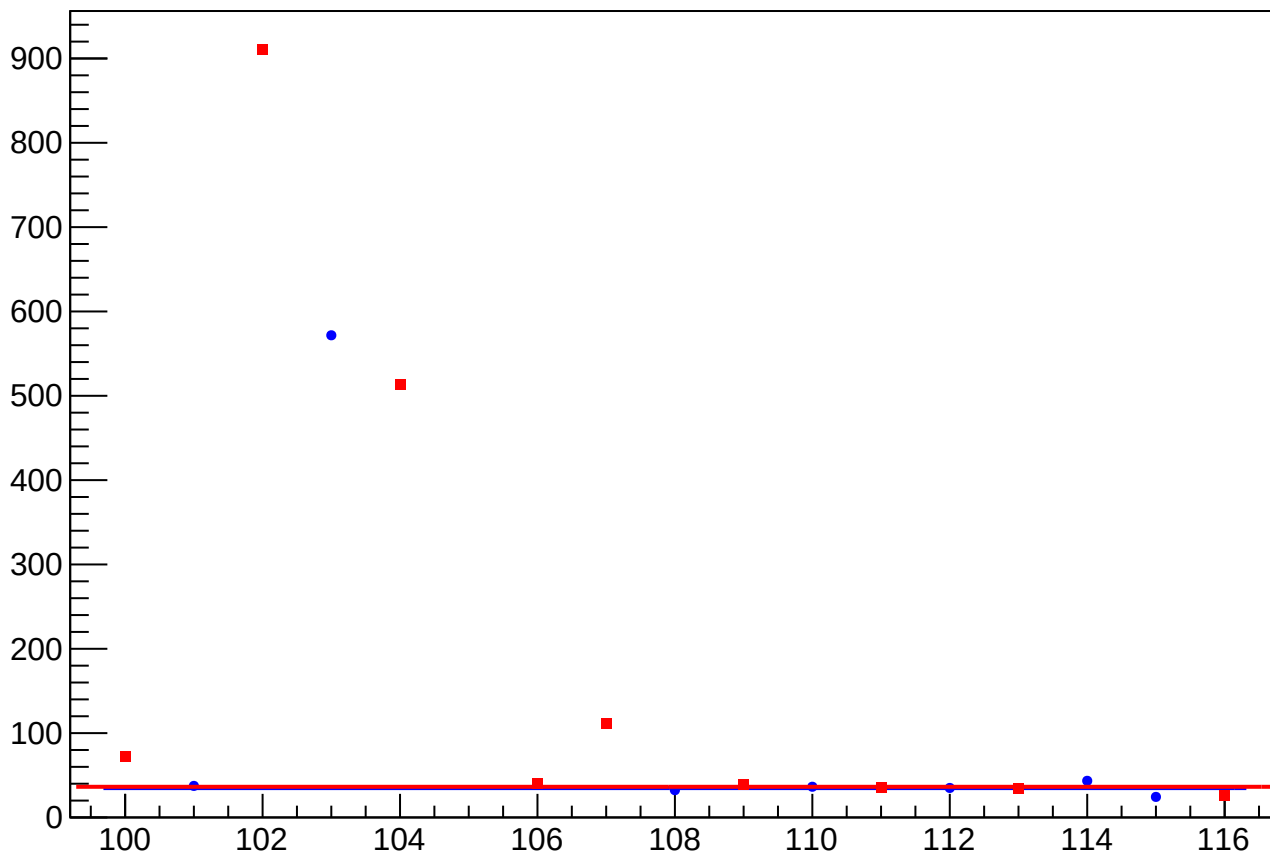
Right: -0.009+/-0.018 χ^2/NDF : 14.4/15

In: -0.028+/-0.025 χ^2/NDF :8.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.018 χ^2/NDF : 14.4/15

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.812+/-0.018 χ^2/NDF : 1113877.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.354+/-0.019 χ^2/NDF : 2062689.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

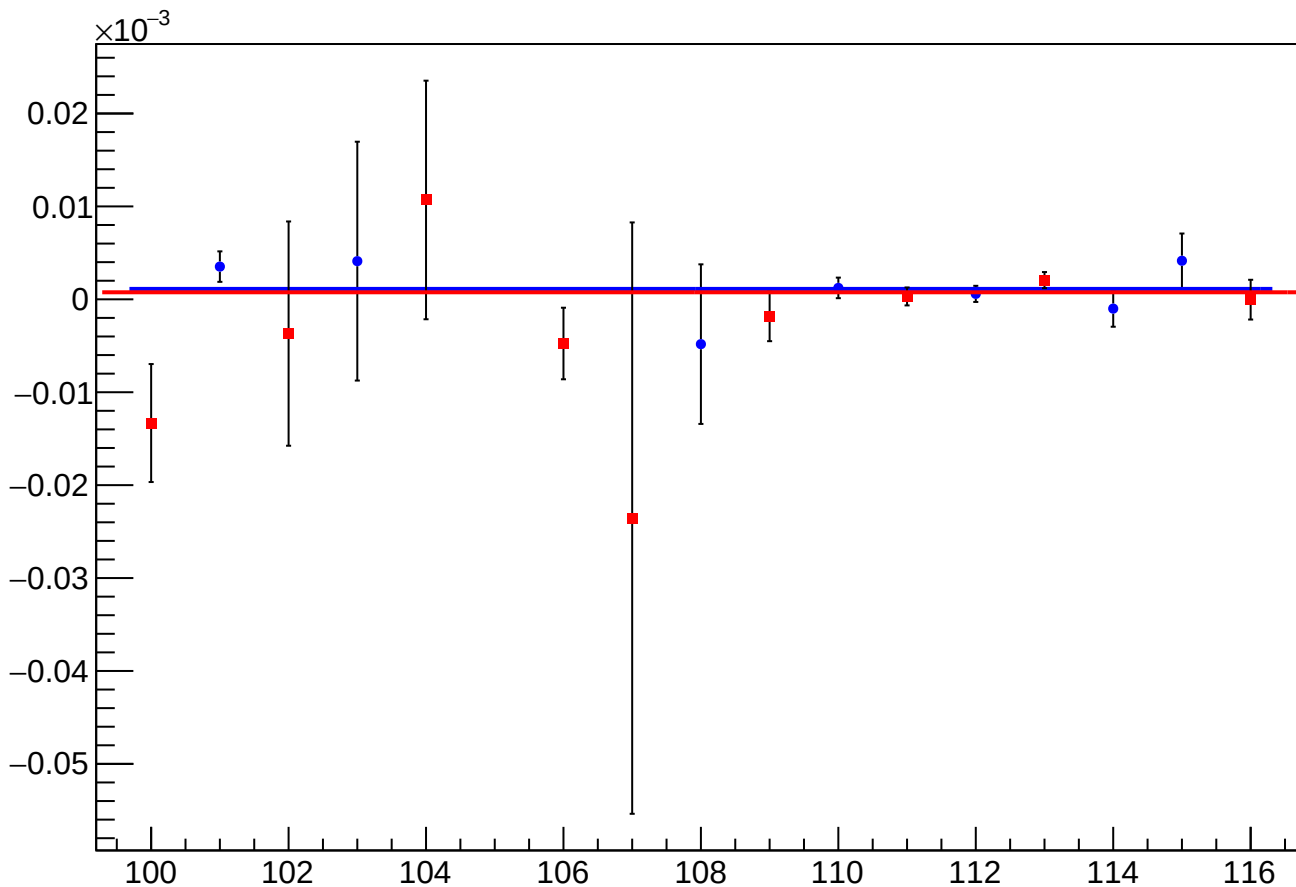
Right: 35.527+/-0.013 χ^2/NDF : 3180106.0/15

In: 34.812+/-0.018 χ^2/NDF :1113877.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.527+/-0.013 χ^2/NDF : 3180106.0/15

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

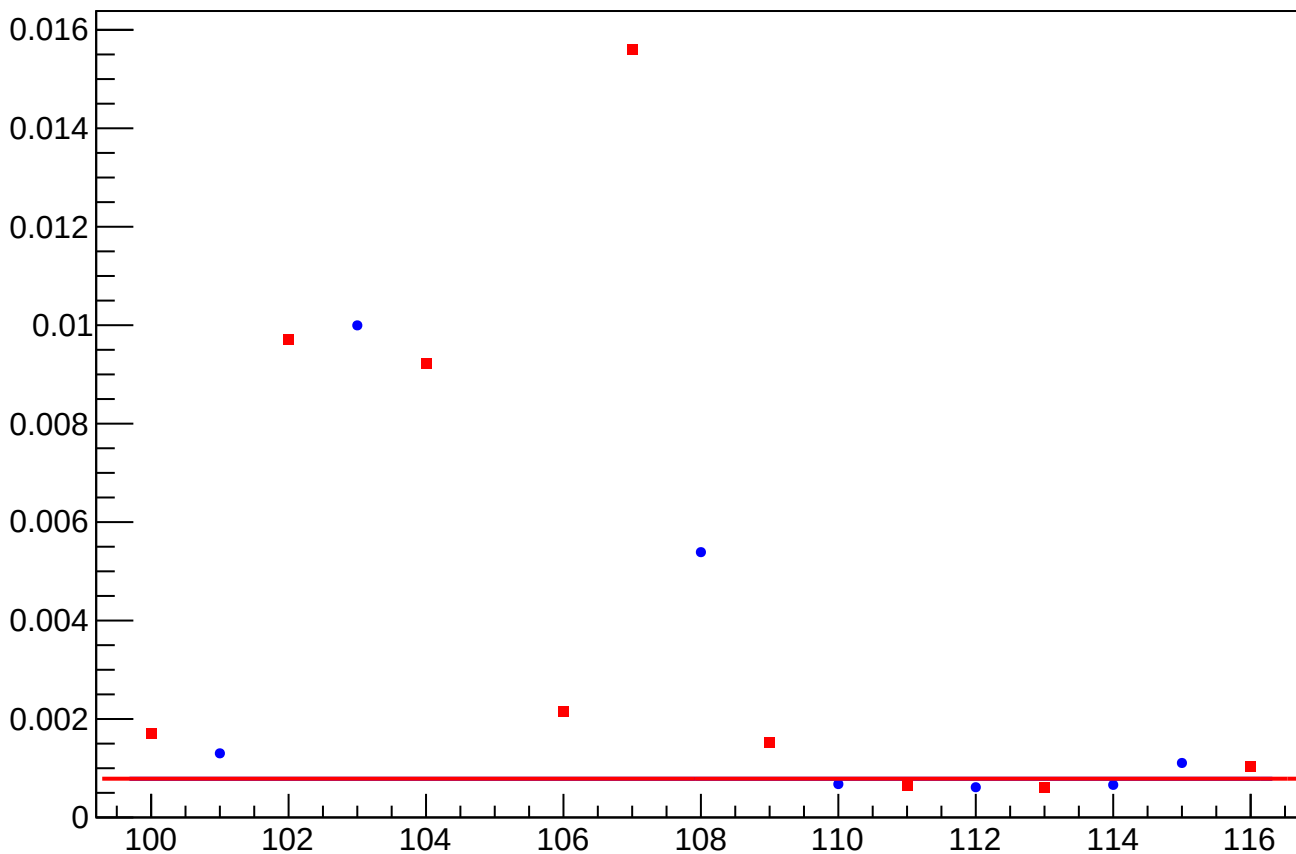
Right: 0.000+/-0.000 χ^2/NDF : 17.4/15

In: 0.000+/-0.000 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.4/15

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1929409.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3005320.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

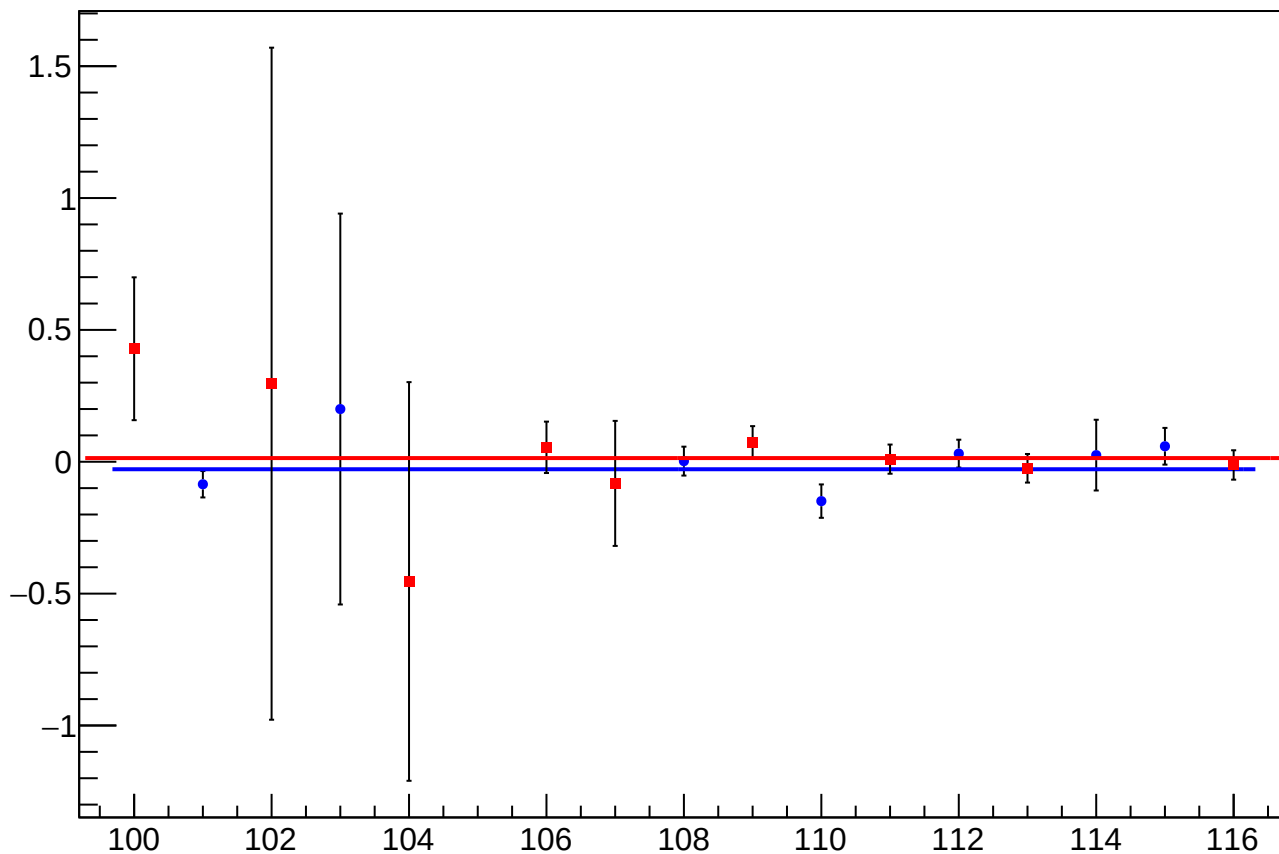
Right: 0.001+/-0.000 χ^2/NDF : 4934738.4/15

In: 0.001+/-0.000 χ^2/NDF : 1929409.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4934738.4/15

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.025 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.027 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

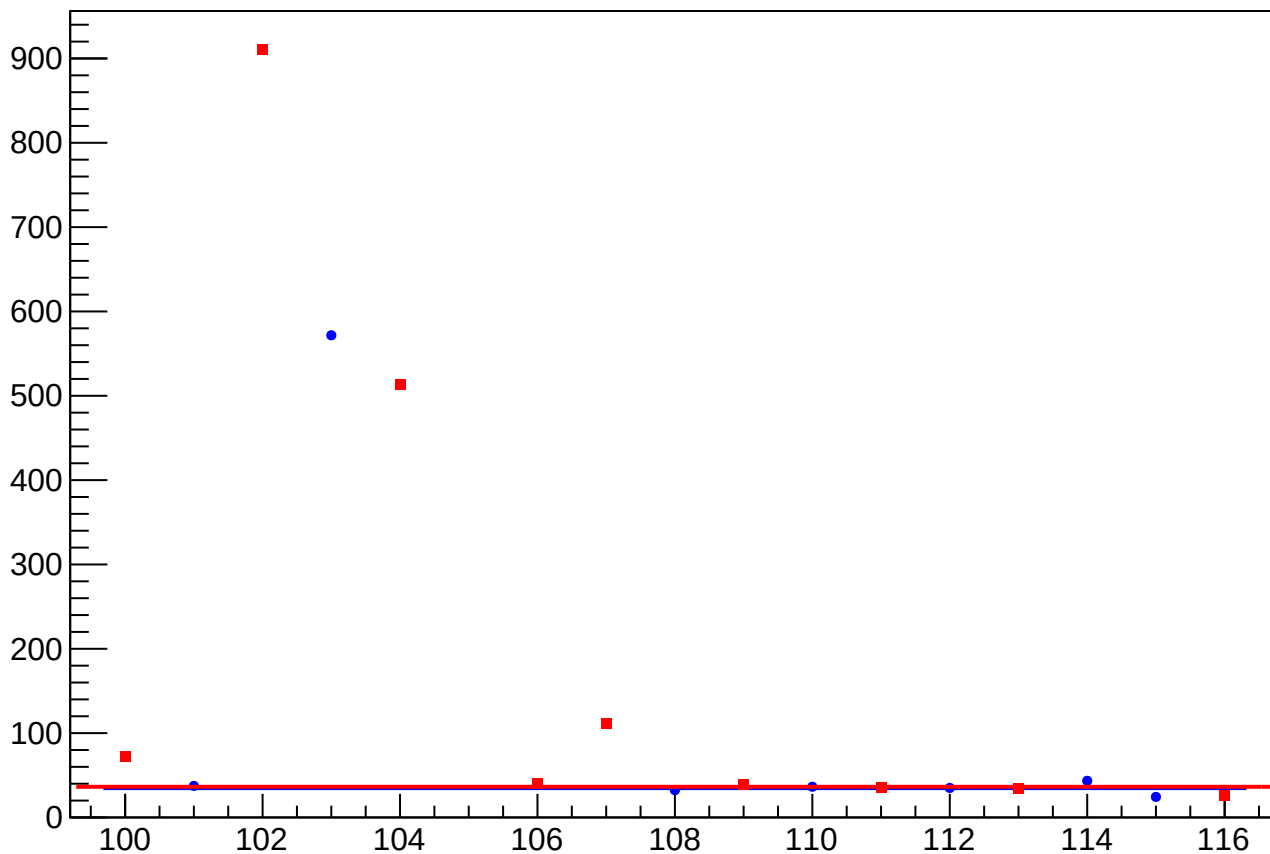
Right: -0.009+/-0.018 χ^2/NDF : 14.4/15

In: -0.028+/-0.025 χ^2/NDF :8.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.018 χ^2/NDF : 14.4/15

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.812 $\pm$ 0.018 χ^2 /NDF: 1113864.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.354 $\pm$ 0.019 χ^2 /NDF: 2062696.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

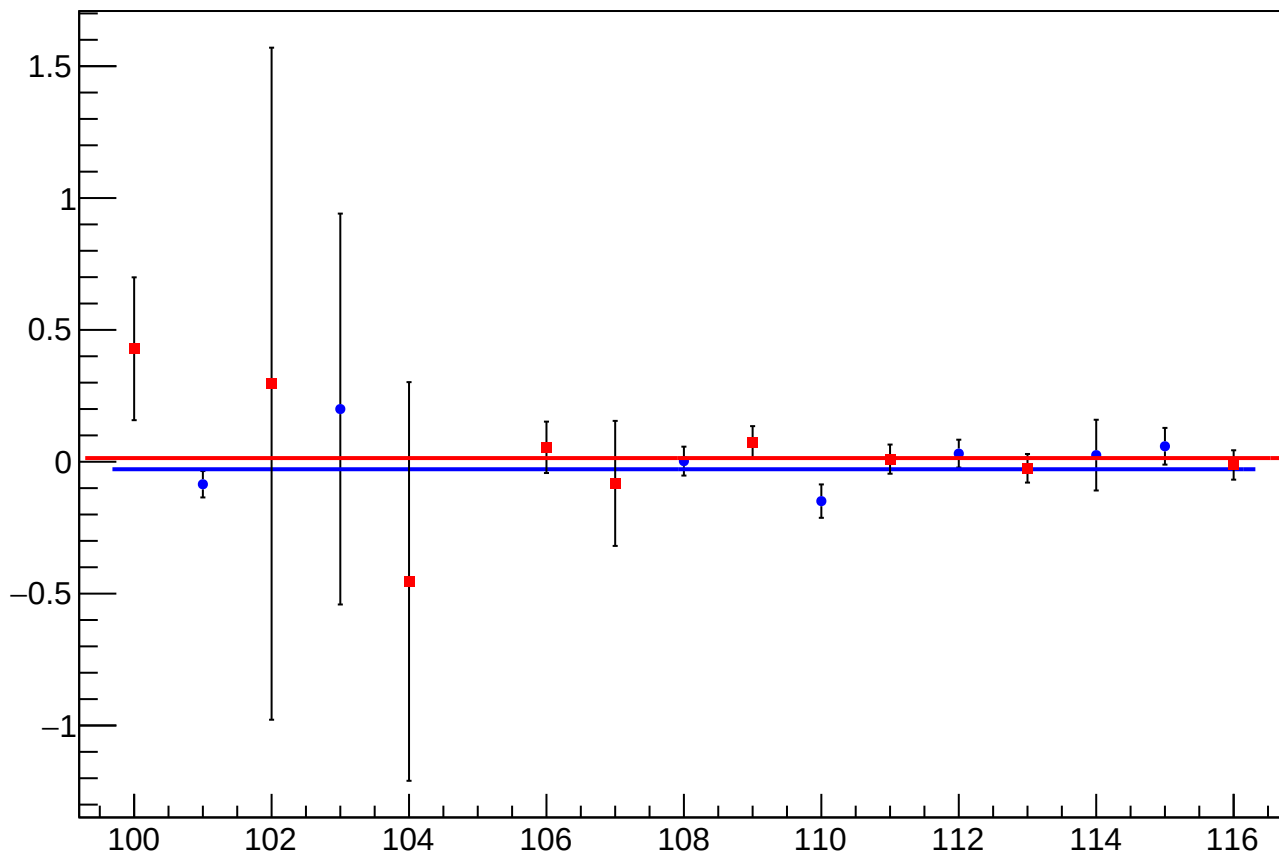
Right: 35.527 $\pm$ 0.013 χ^2 /NDF: 3180100.1/15

In: 34.812 $\pm$ 0.018 χ^2 /NDF:1113864.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.527 $\pm$ 0.013 χ^2 /NDF: 3180100.1/15

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.025 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.027 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

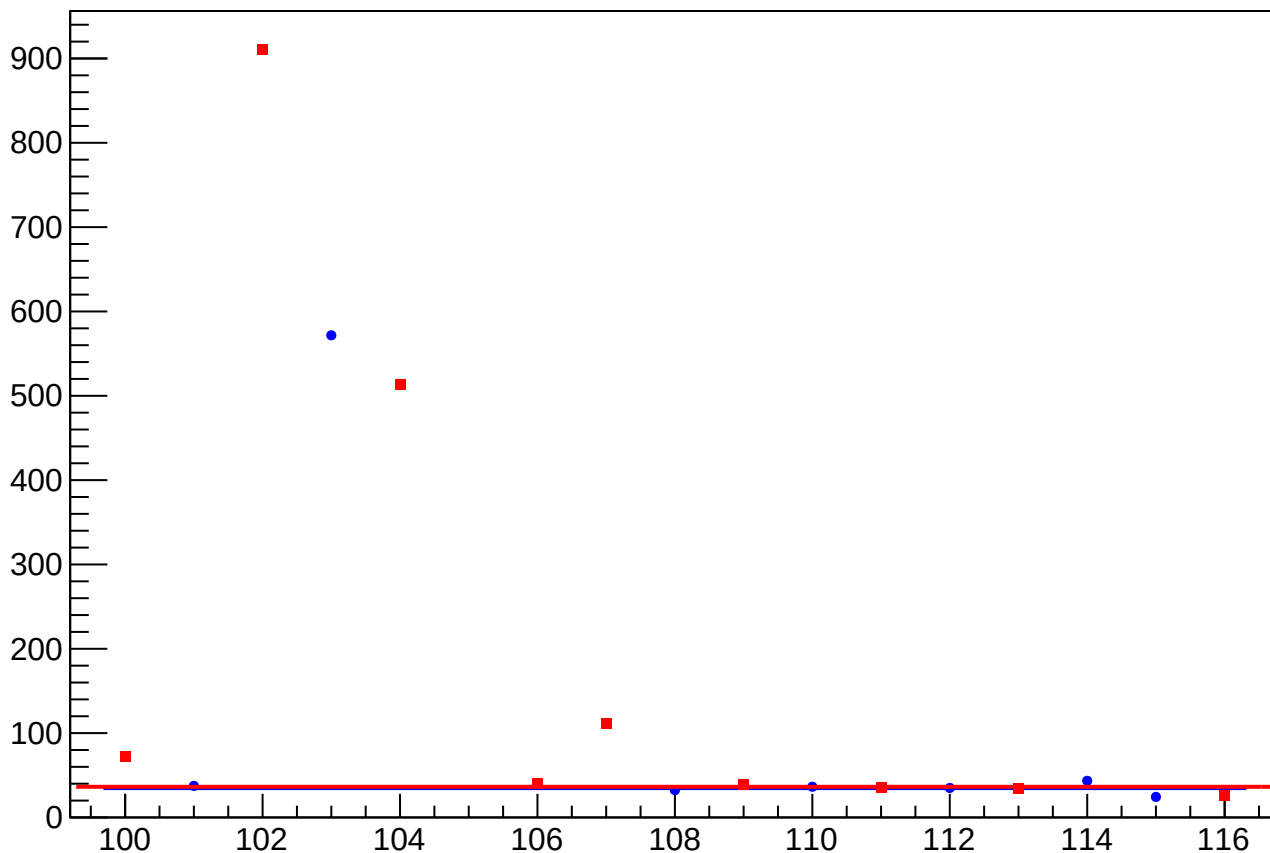
Right: -0.009+/-0.018 χ^2/NDF : 14.4/15

In: -0.028+/-0.025 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.018 χ^2/NDF : 14.4/15

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.812 $\pm$ 0.018 χ^2 /NDF: 1113864.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.354 $\pm$ 0.019 χ^2 /NDF: 2062696.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

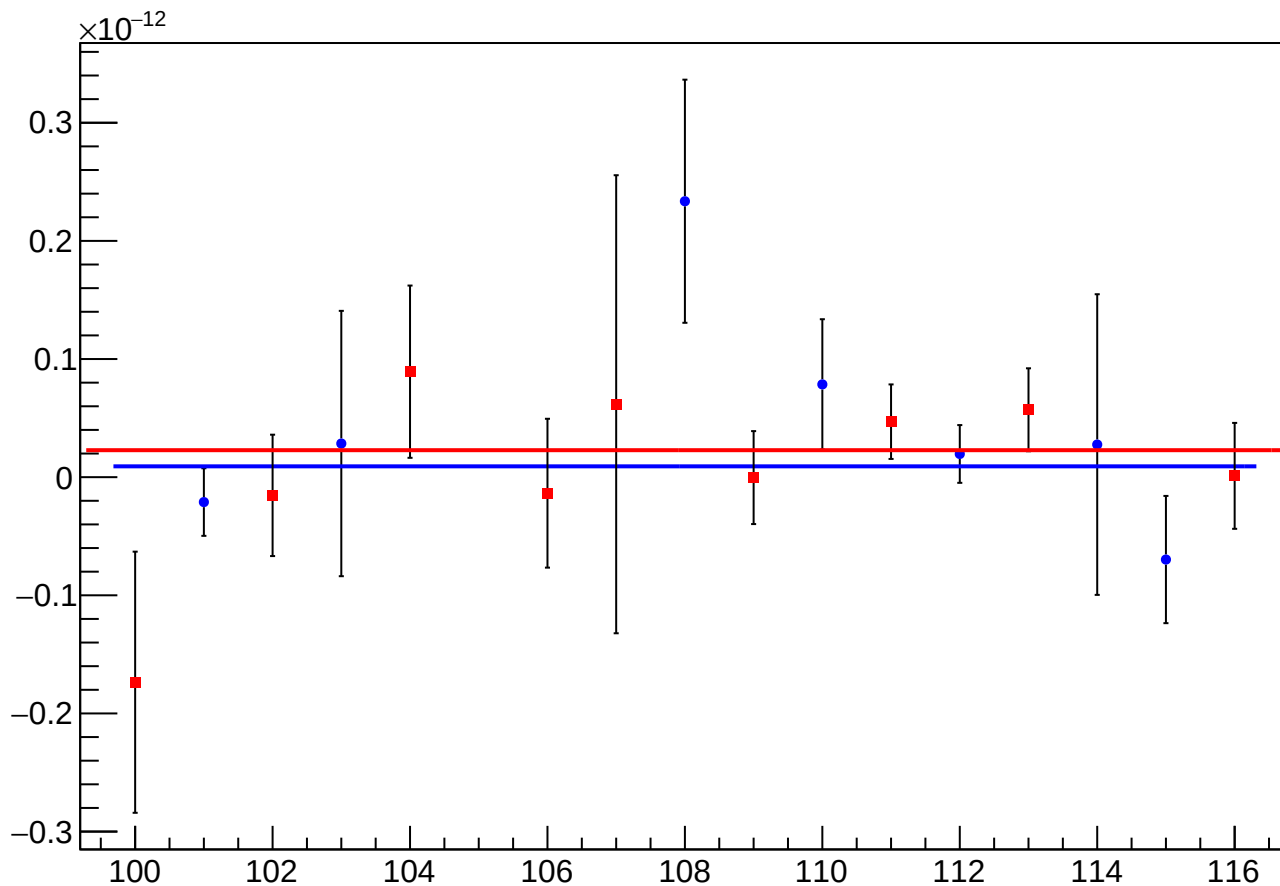
Right: 35.527 $\pm$ 0.013 χ^2 /NDF: 3180100.1/15

In: 34.812 $\pm$ 0.018 χ^2 /NDF:1113864.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.527 $\pm$ 0.013 χ^2 /NDF: 3180100.1/15

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

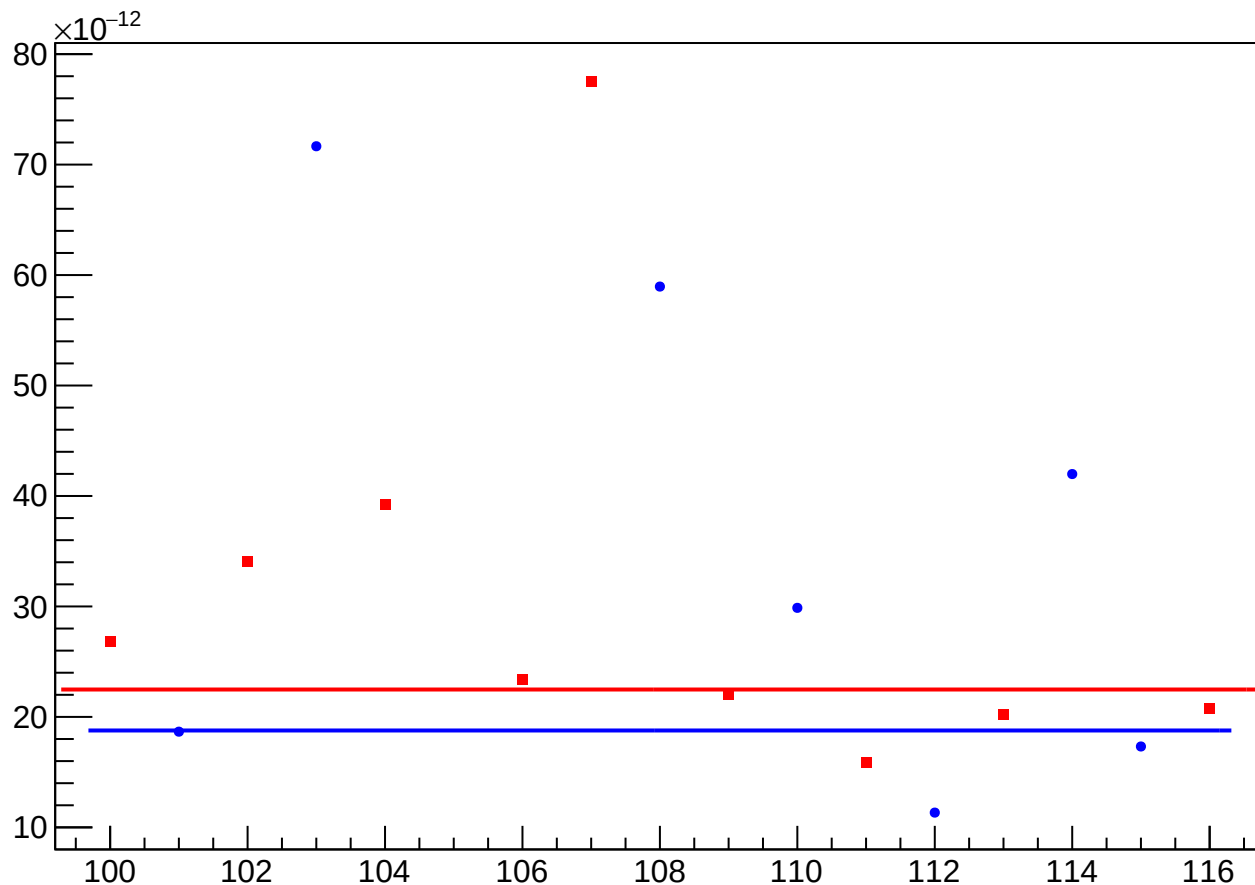
Right: 0.000+/-0.000 χ^2/NDF : 17.2/15

In: 0.000+/-0.000 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/15

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1082629.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 471386.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

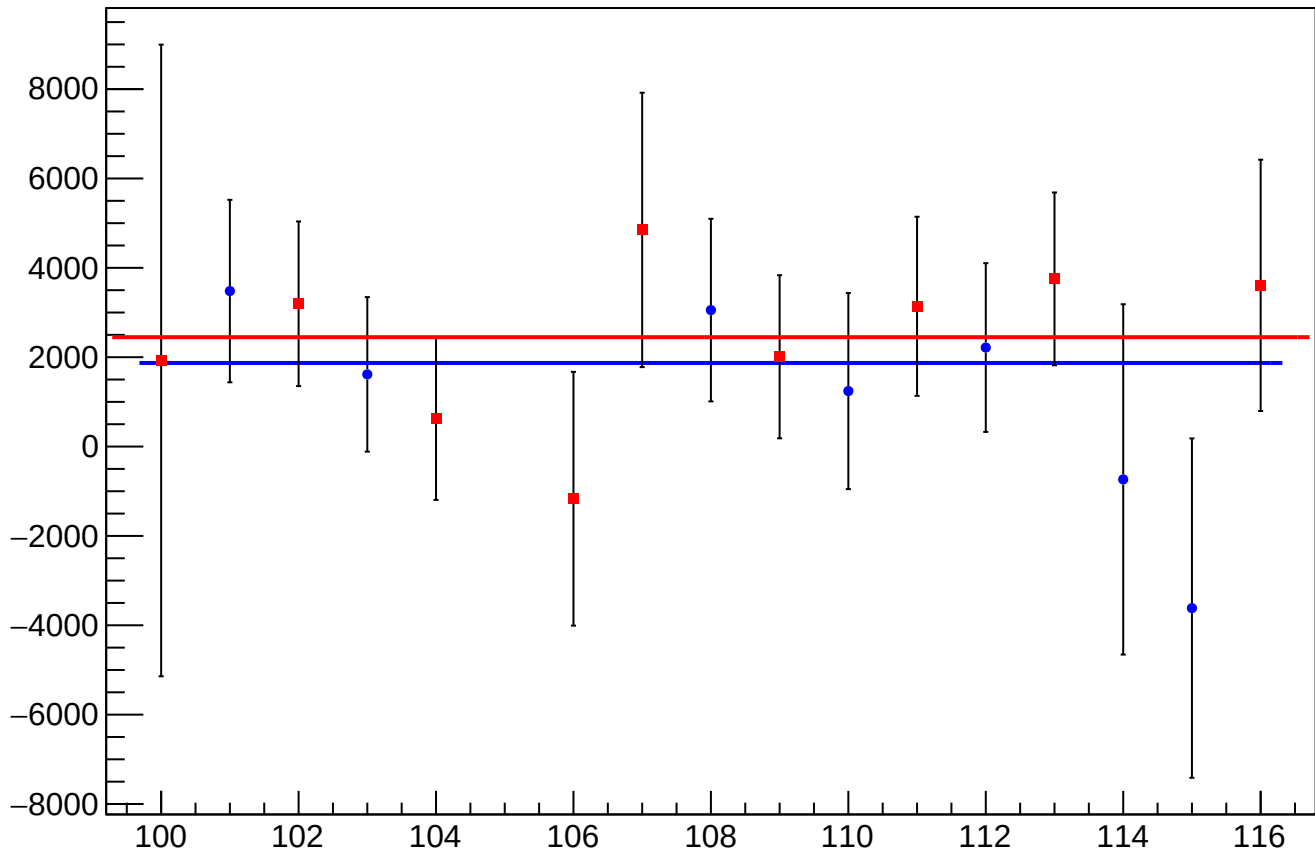
Right: 0.000+/-0.000 χ^2/NDF : 1606929.9/15

In: 0.000+/-0.000 χ^2/NDF : 1082629.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1606929.9/15

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1871.268+/-834.501 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2448.139+/-747.339 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

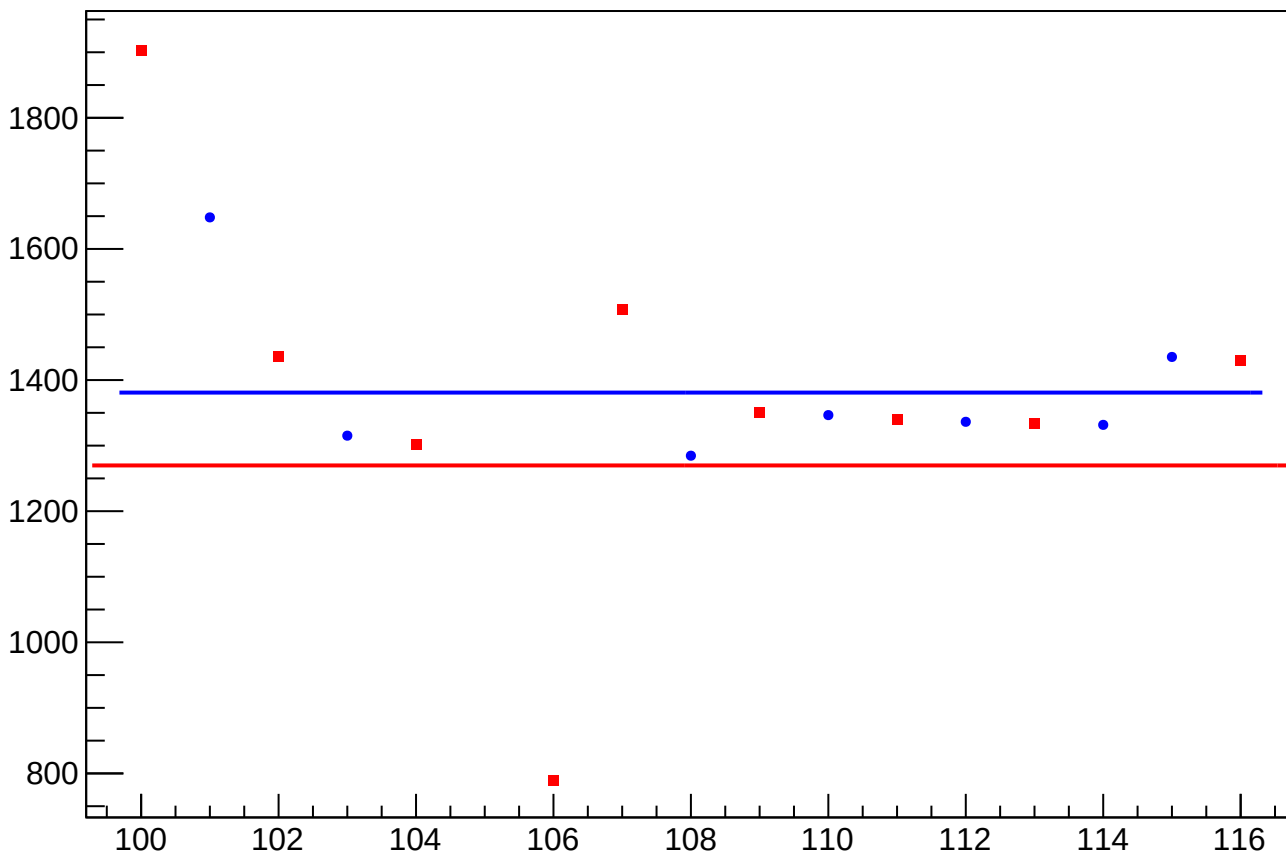
Right: 2191.394+/-556.722 χ^2/NDF : 8.1/15

In: 1871.268+/-834.501 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.394+/-556.722 χ^2/NDF : 8.1/15

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.897+/-0.590 χ^2/NDF : 43903.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1269.772+/-0.496 χ^2/NDF : 229231.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

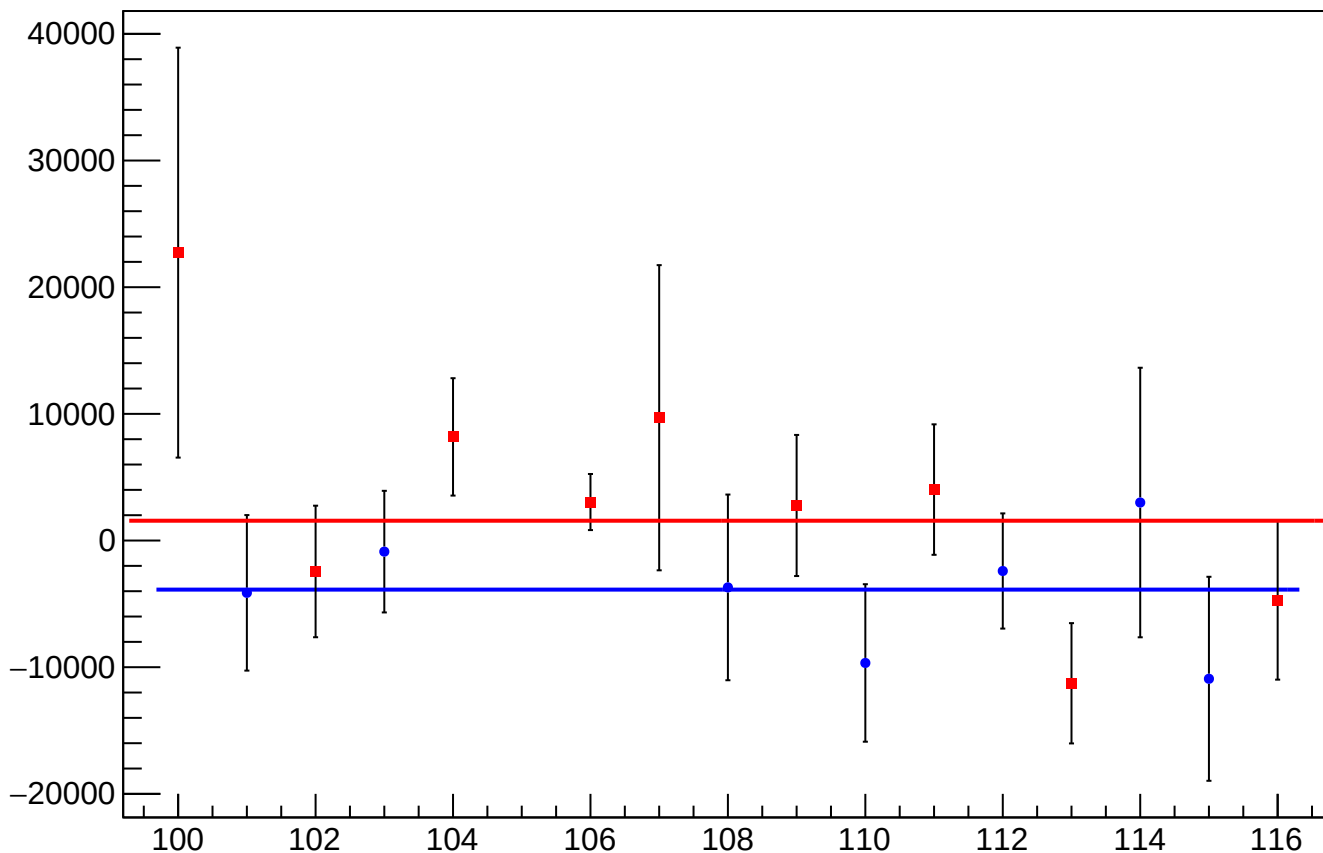
Right: 1315.765+/-0.380 χ^2/NDF : 293921.6/15

In: 1380.897+/-0.590 χ^2/NDF : 43903.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.765+/-0.380 χ^2/NDF : 293921.6/15

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3874.191+/-2312.352 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.148+/-1510.819 χ^2/NDF : 13.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

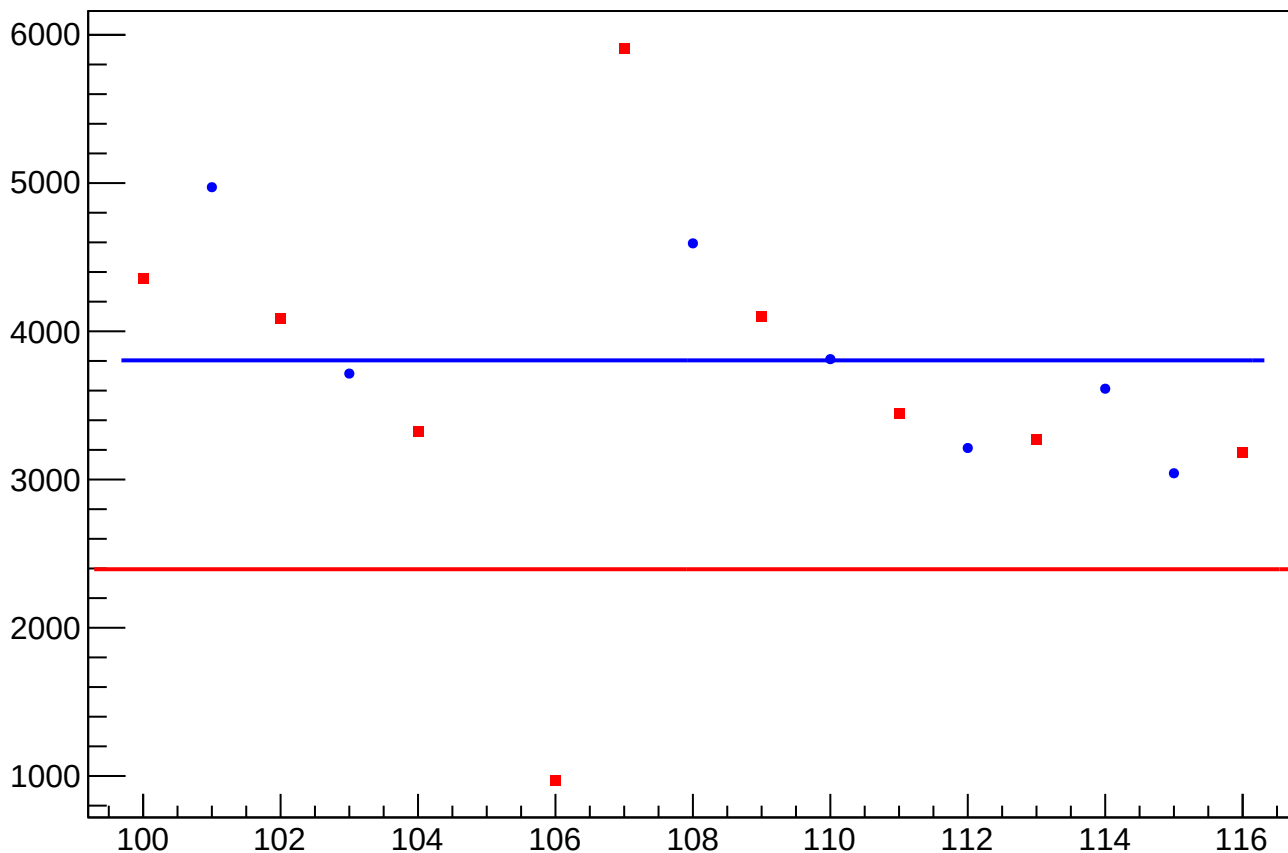
Right: -62.871+/-1264.786 χ^2/NDF : 20.3/15

In: -3874.191+/-2312.352 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.871+/-1264.786 χ^2/NDF : 20.3/15

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3803.981+/-1.635 χ^2/NDF : 148650.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2394.870+/-1.068 χ^2/NDF : 1689972.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

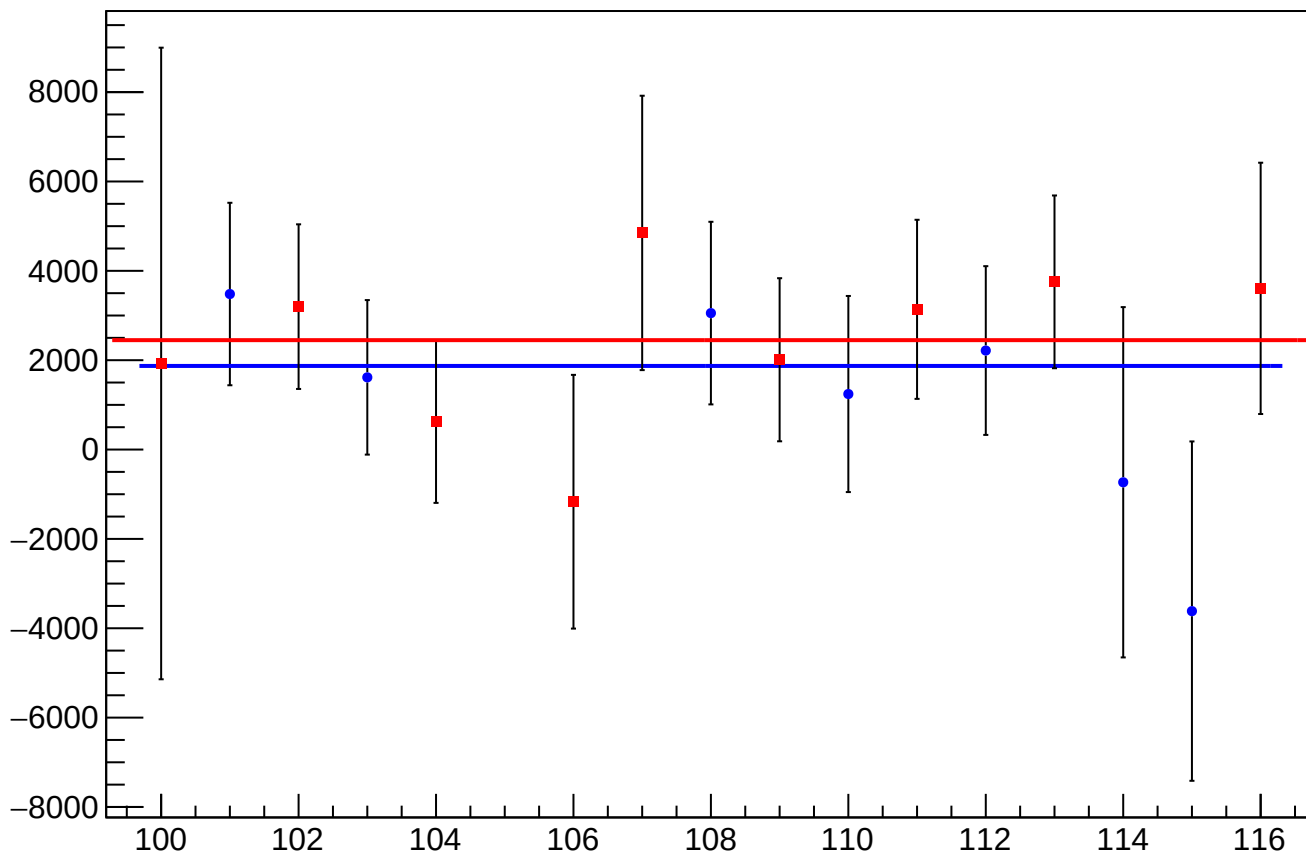
Right: 2816.442+/-0.894 χ^2/NDF : 2359123.1/15

In: 3803.981+/-1.635 χ^2/NDF : 148650.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2816.442+/-0.894 χ^2/NDF : 2359123.1/15

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1871.508+/-834.501 χ^2 /NDF: 3.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2448.584+/-747.348 χ^2 /NDF: 4.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

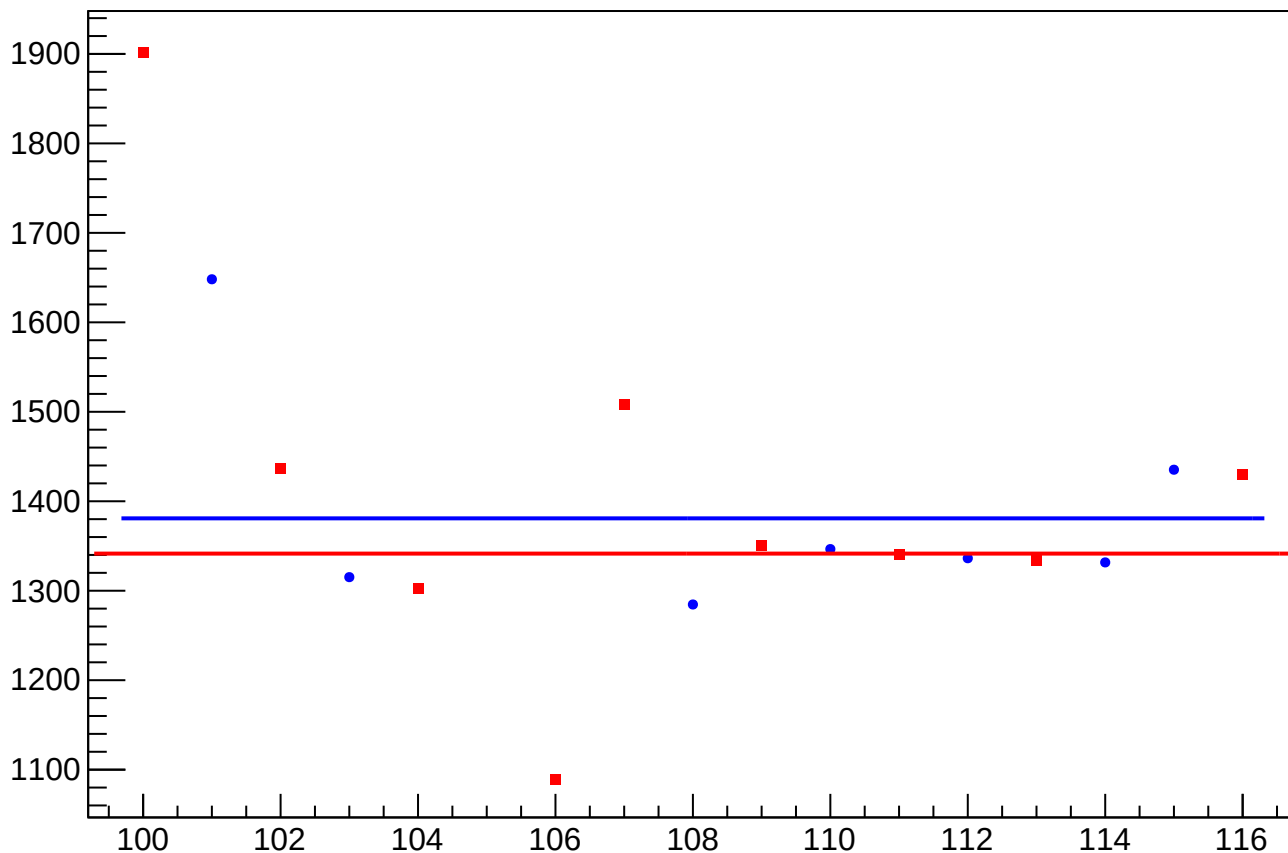
Right: 2191.744+/-556.726 χ^2 /NDF: 8.1/15

In: 1871.508+/-834.501 χ^2 /NDF:3.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2191.744+/-556.726 χ^2 /NDF: 8.1/15

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.897 $\pm$ 0.590 χ^2 /NDF: 43903.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1341.502 $\pm$ 0.514 χ^2 /NDF: 55387.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

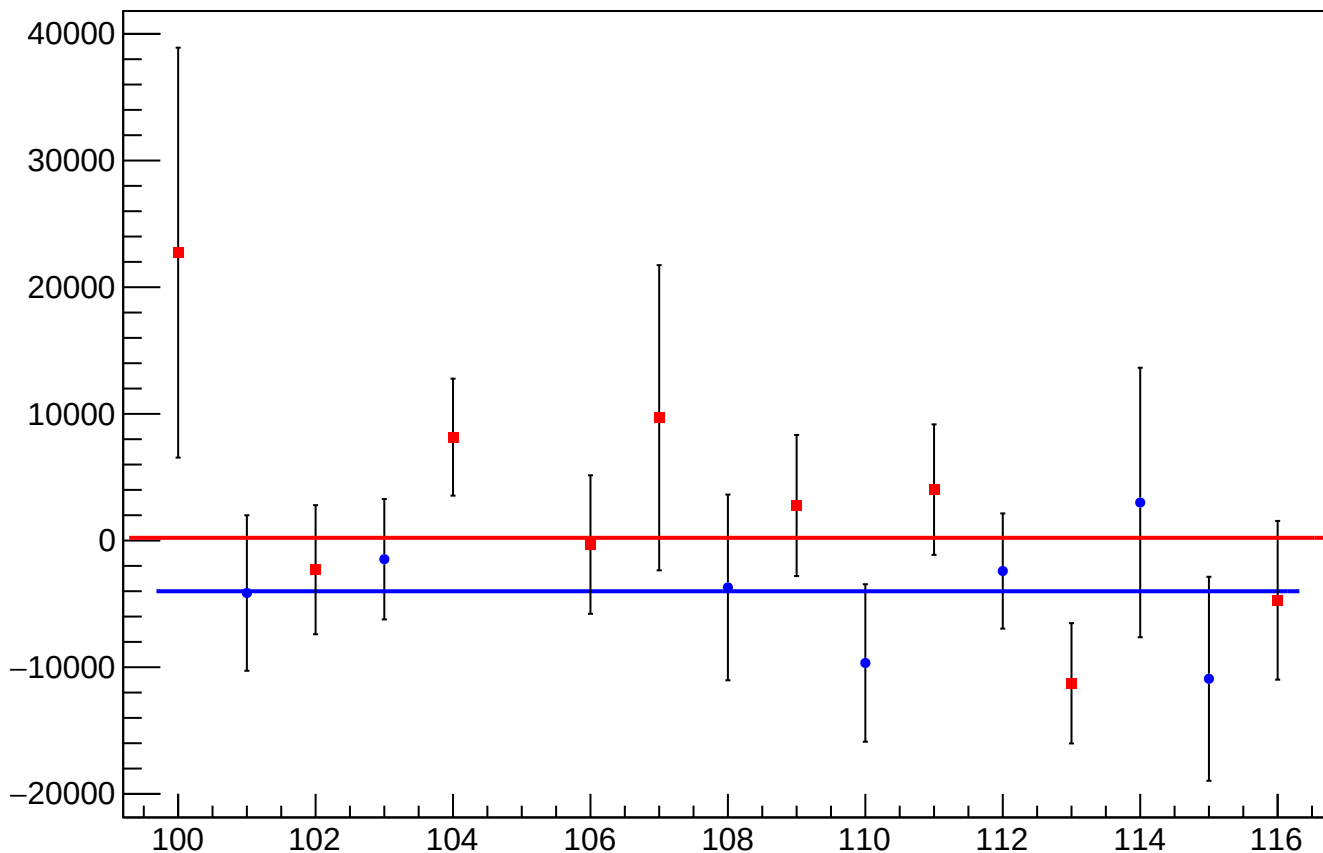
Right: 1358.506 $\pm$ 0.388 χ^2 /NDF: 101824.0/15

In: 1380.897 $\pm$ 0.590 χ^2 /NDF:43903.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1358.506 $\pm$ 0.388 χ^2 /NDF: 101824.0/15

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4001.918+/-2306.759 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.230+/-1926.933 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

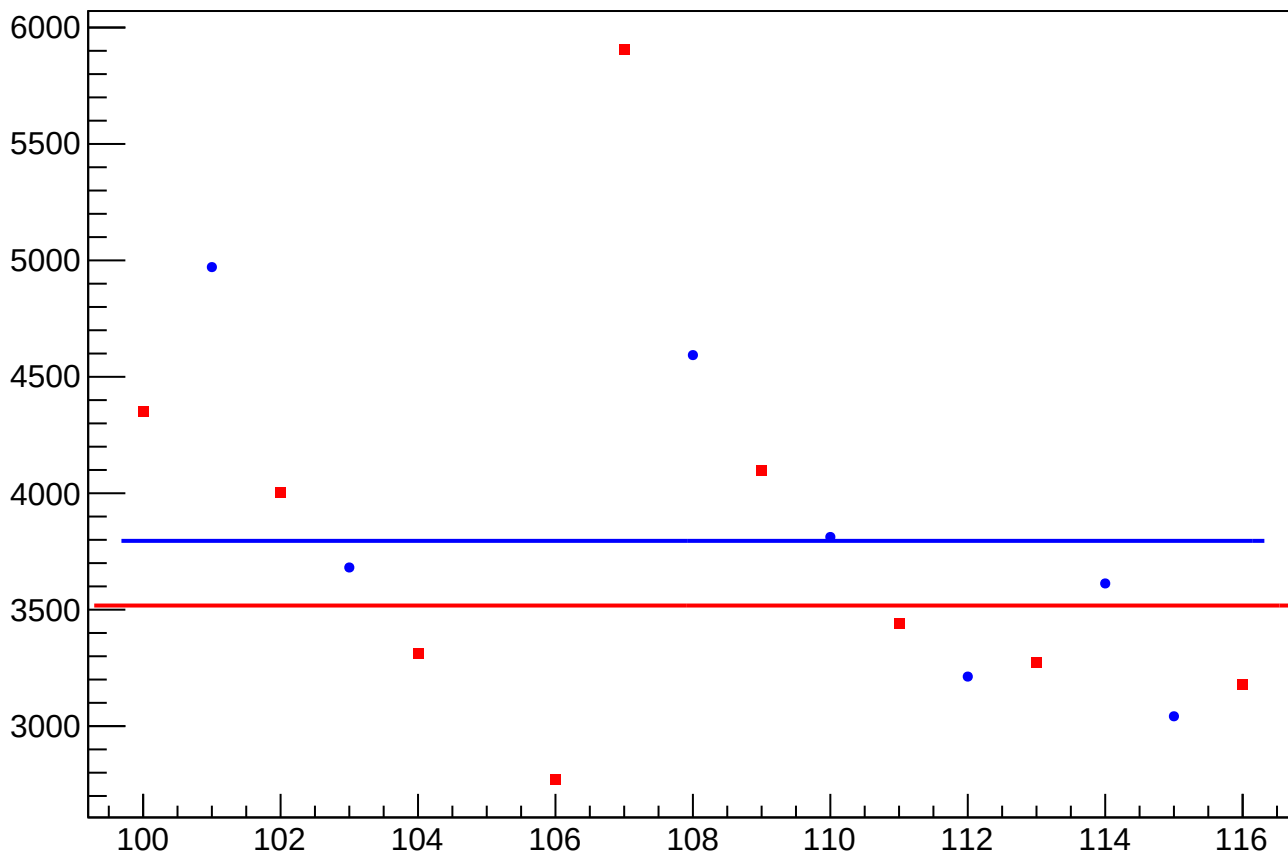
Right: -1517.434+/-1478.849 χ^2/NDF : 17.4/15

In: -4001.918+/-2306.759 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1517.434+/-1478.849 χ^2/NDF : 17.4/15

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3795.562+/-1.631 χ^2/NDF : 149173.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3517.852+/-1.363 χ^2/NDF : 176983.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

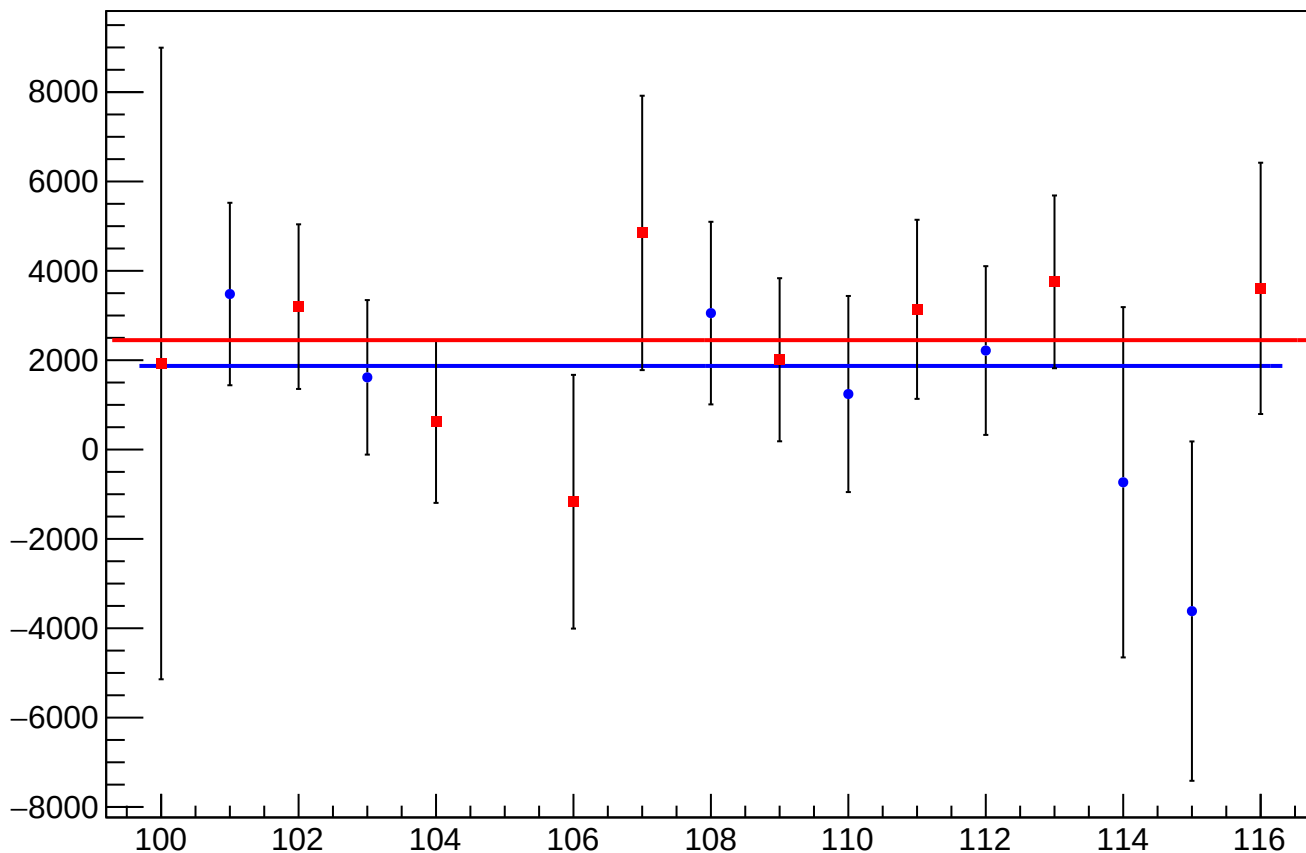
Right: 3631.991+/-1.046 χ^2/NDF : 343230.2/15

In: 3795.562+/-1.631 χ^2/NDF : 149173.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3631.991+/-1.046 χ^2/NDF : 343230.2/15

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1871.508+/-834.501 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2448.584+/-747.348 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

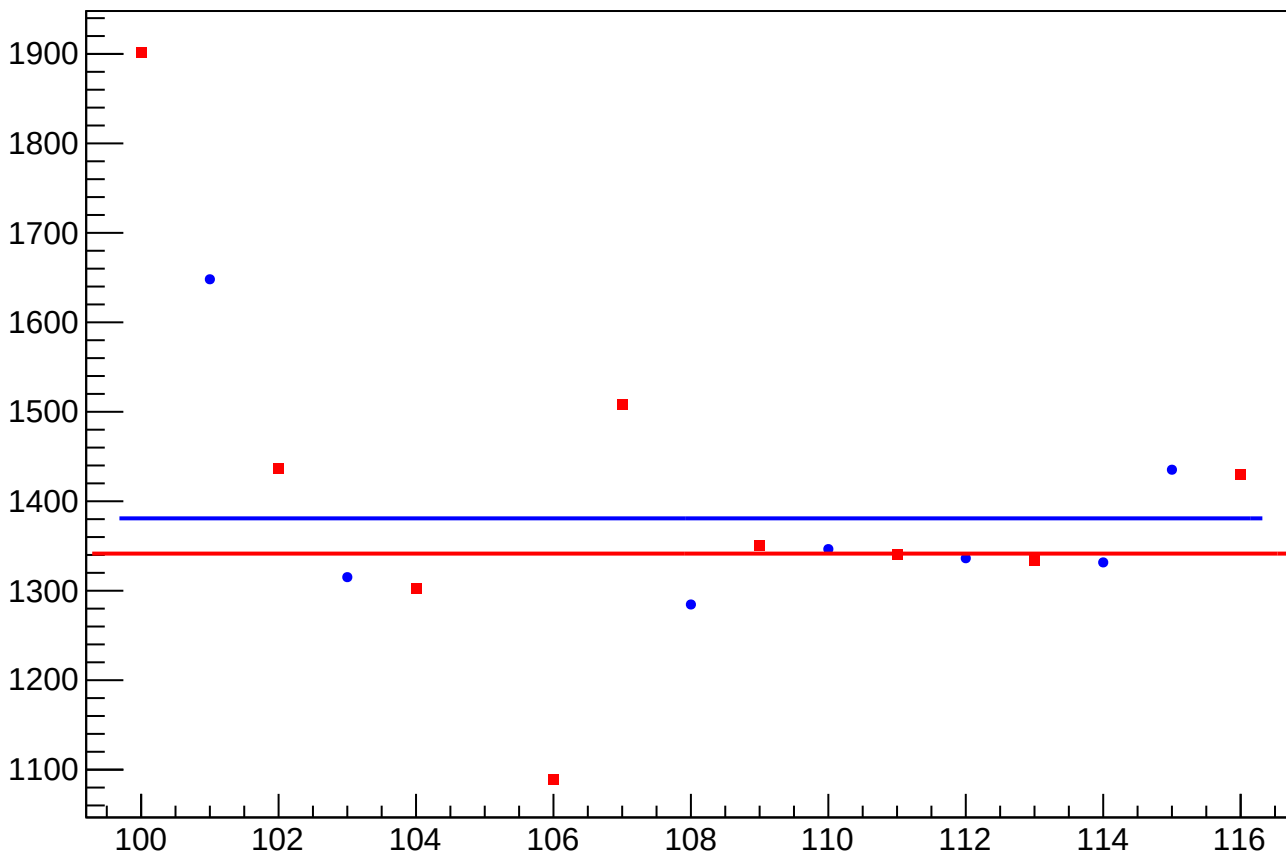
Right: 2191.744+/-556.726 χ^2/NDF : 8.1/15

In: 1871.508+/-834.501 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.744+/-556.726 χ^2/NDF : 8.1/15

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.897 $\pm$ 0.590 χ^2 /NDF: 43903.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1341.502 $\pm$ 0.514 χ^2 /NDF: 55387.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

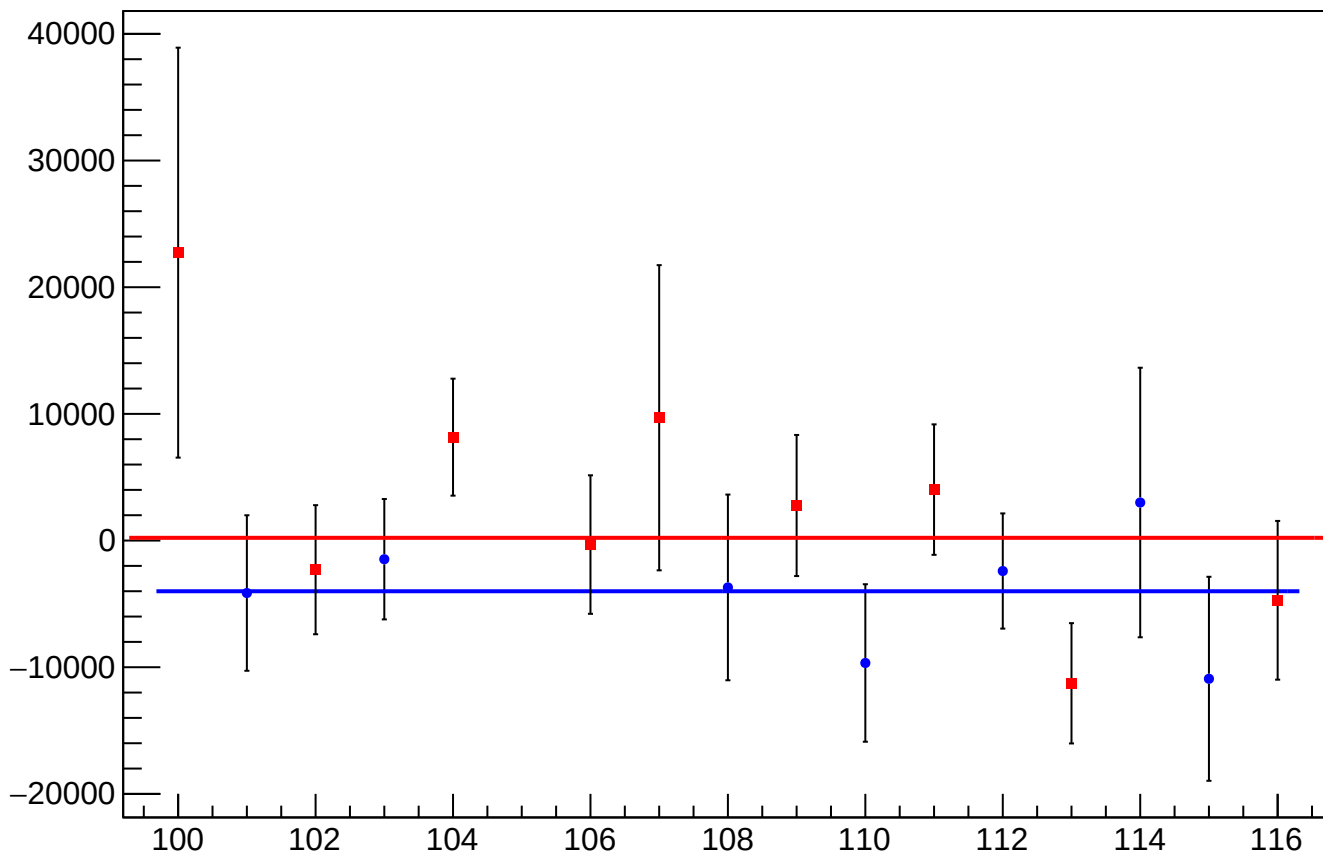
Right: 1358.506 $\pm$ 0.388 χ^2 /NDF: 101824.0/15

In: 1380.897 $\pm$ 0.590 χ^2 /NDF:43903.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1358.506 $\pm$ 0.388 χ^2 /NDF: 101824.0/15

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4001.918+/-2306.759 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.230+/-1926.933 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

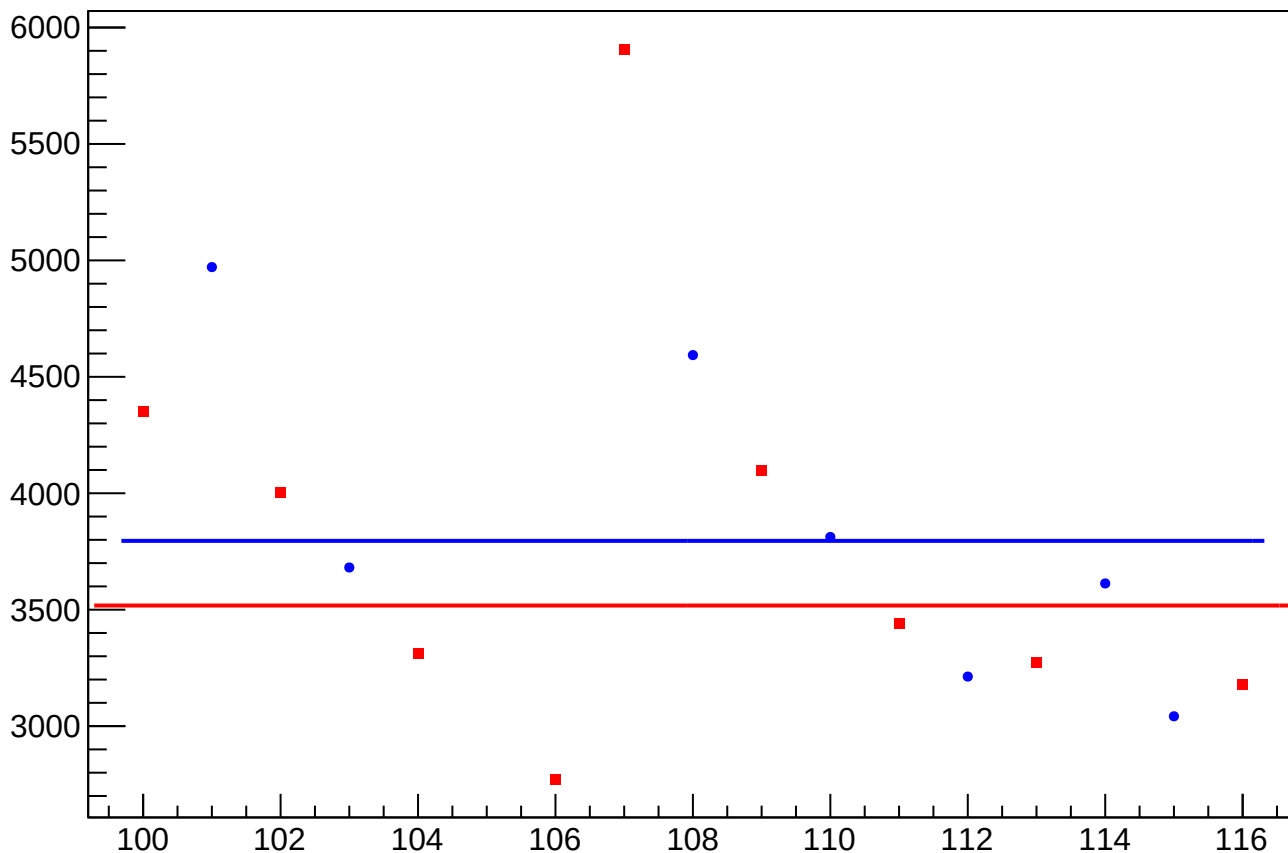
Right: -1517.434+/-1478.849 χ^2/NDF : 17.4/15

In: -4001.918+/-2306.759 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1517.434+/-1478.849 χ^2/NDF : 17.4/15

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3795.562+/-1.631 χ^2/NDF : 149173.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3517.852+/-1.363 χ^2/NDF : 176983.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

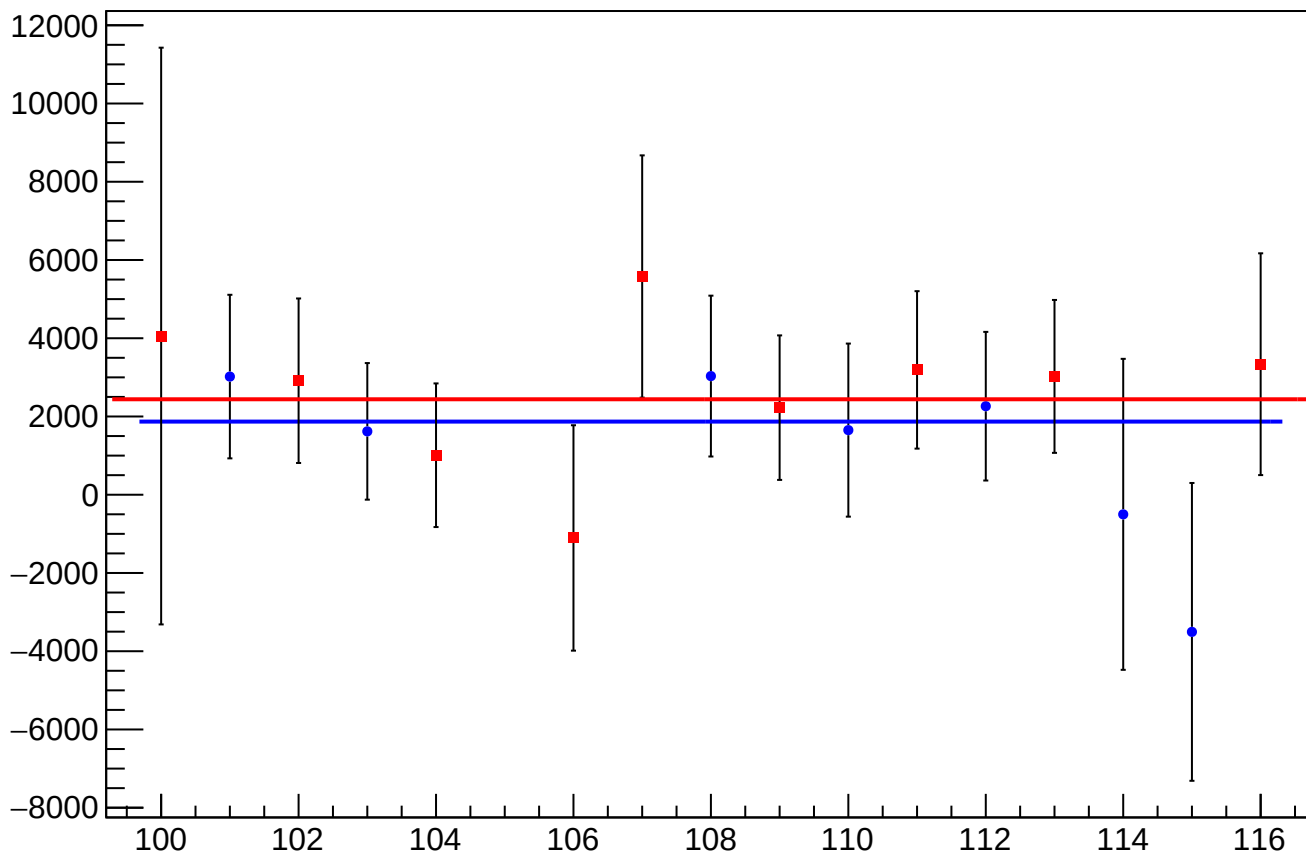
Right: 3631.991+/-1.046 χ^2/NDF : 343230.2/15

In: 3795.562+/-1.631 χ^2/NDF : 149173.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3631.991+/-1.046 χ^2/NDF : 343230.2/15

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1869.509+/-842.941 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.027+/-768.627 χ^2/NDF : 3.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

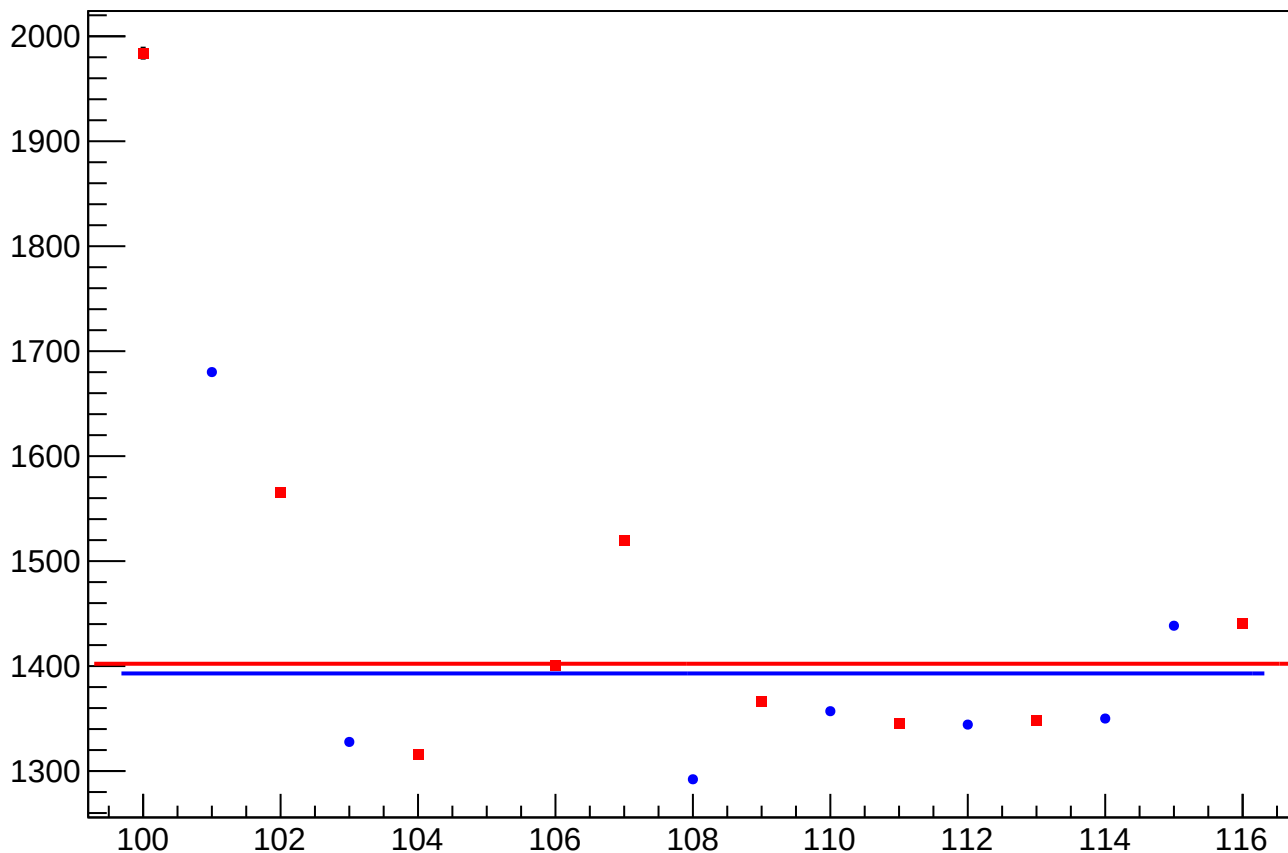
Right: 2181.020+/-567.960 χ^2/NDF : 6.9/15

In: 1869.509+/-842.941 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.020+/-567.960 χ^2/NDF : 6.9/15

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.986+/-0.596 χ^2/NDF : 47690.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1402.217+/-0.540 χ^2/NDF : 36083.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

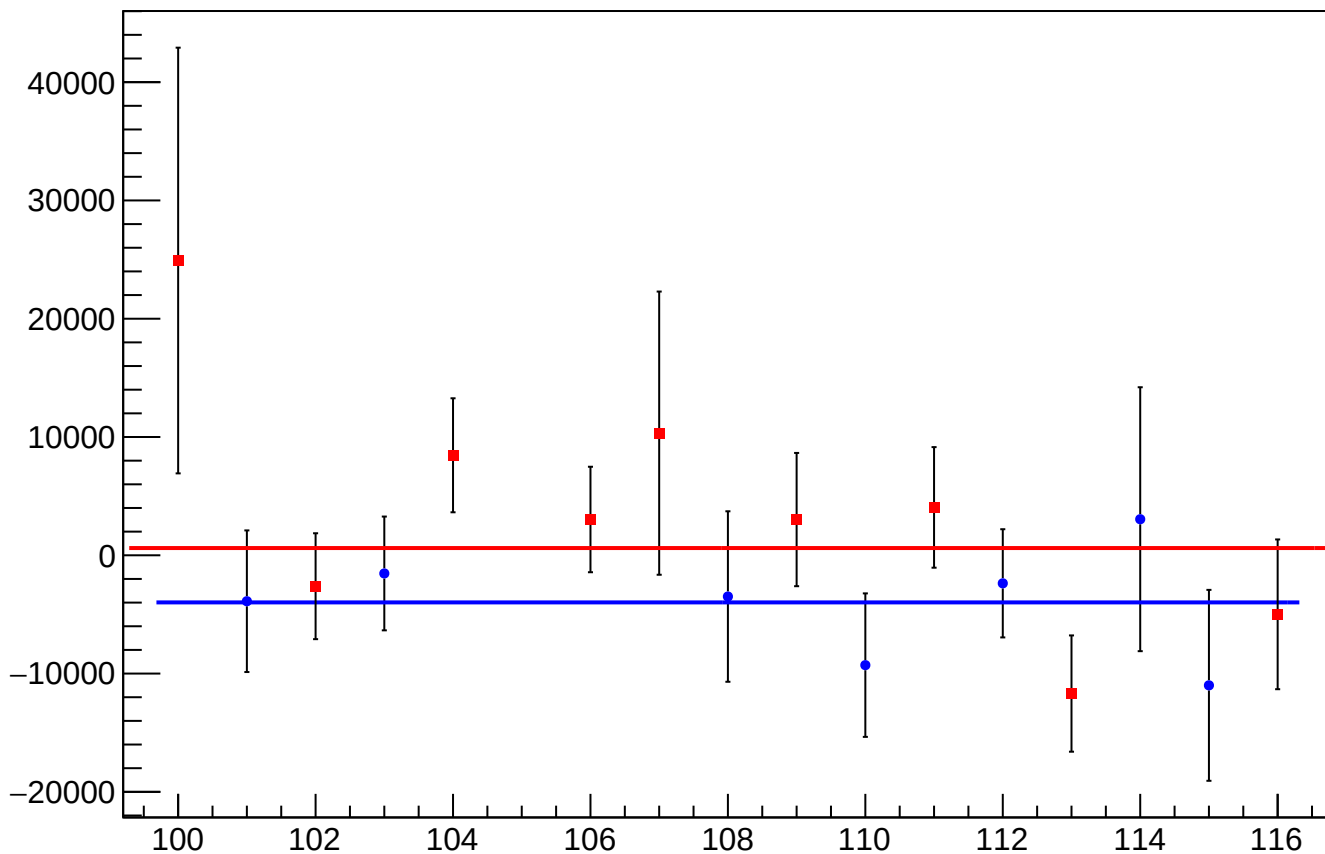
Right: 1398.052+/-0.400 χ^2/NDF : 83904.8/15

In: 1392.986+/-0.596 χ^2/NDF :47690.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1398.052+/-0.400 χ^2/NDF : 83904.8/15

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3983.444+/-2301.784 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.905+/-1858.013 χ^2/NDF : 13.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

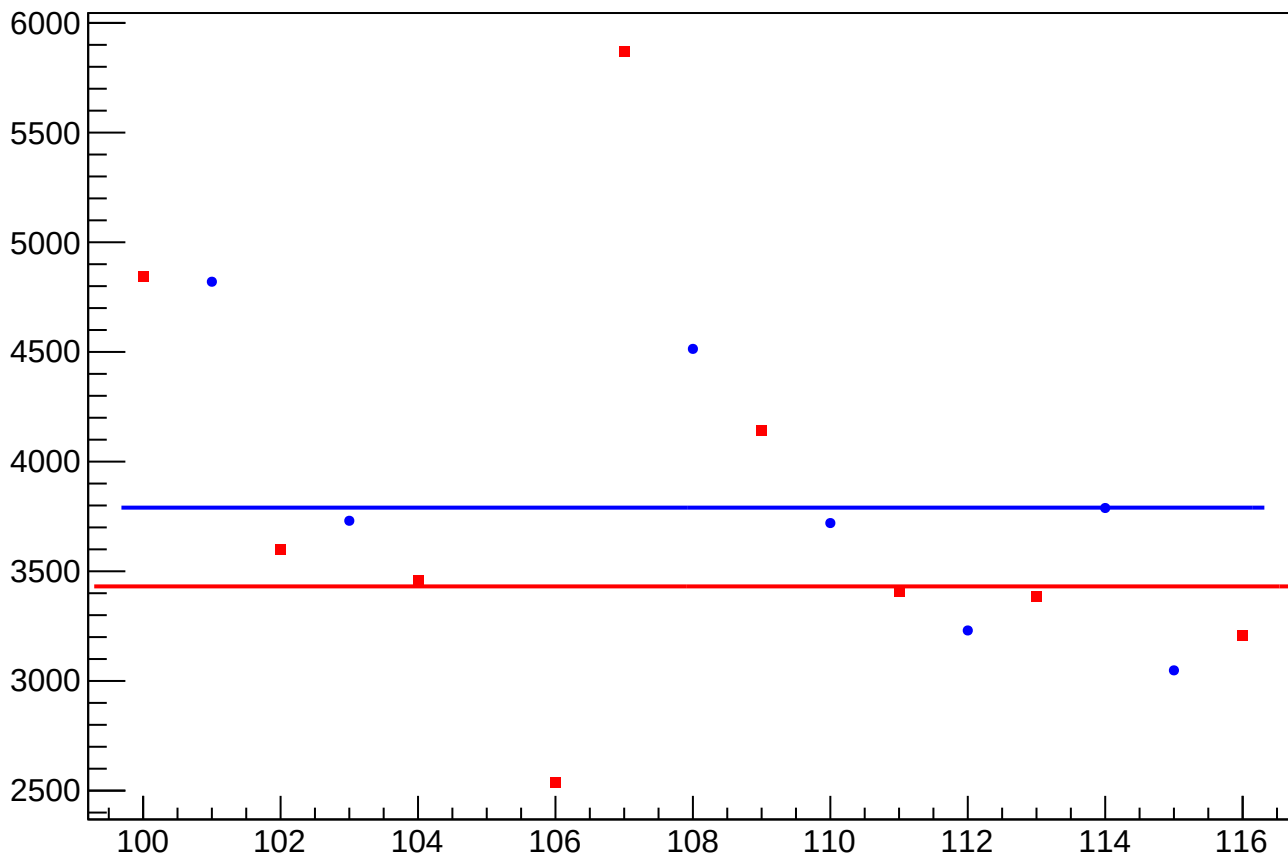
Right: -1201.050+/-1445.769 χ^2/NDF : 18.3/15

In: -3983.444+/-2301.784 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1201.050+/-1445.769 χ^2/NDF : 18.3/15

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3790.203+/-1.628 χ^2/NDF : 126816.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3431.109+/-1.314 χ^2/NDF : 212951.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

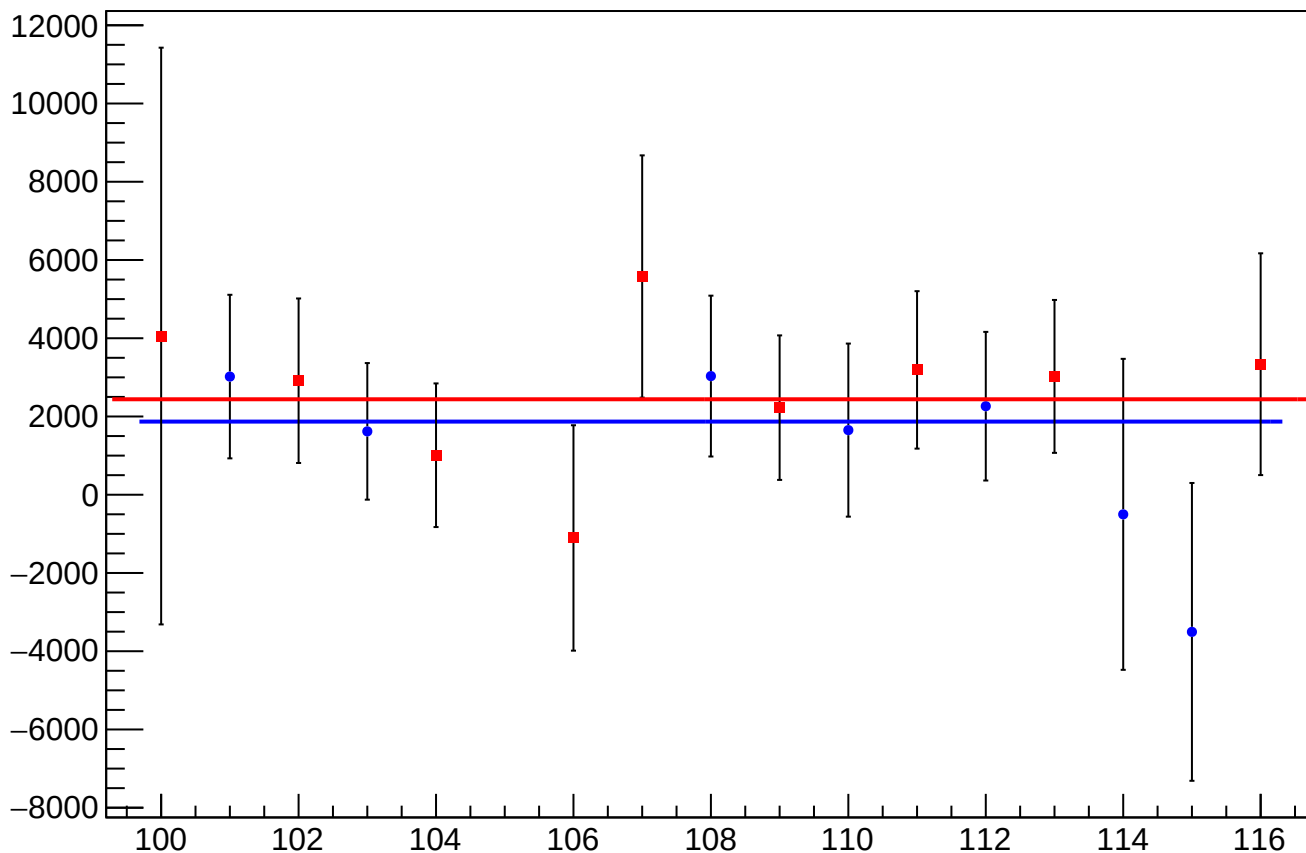
Right: 3572.779+/-1.022 χ^2/NDF : 369240.0/15

In: 3790.203+/-1.628 χ^2/NDF : 126816.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3572.779+/-1.022 χ^2/NDF : 369240.0/15

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1869.520+/-842.941 χ^2 /NDF: 3.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2440.033+/-768.627 χ^2 /NDF: 3.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

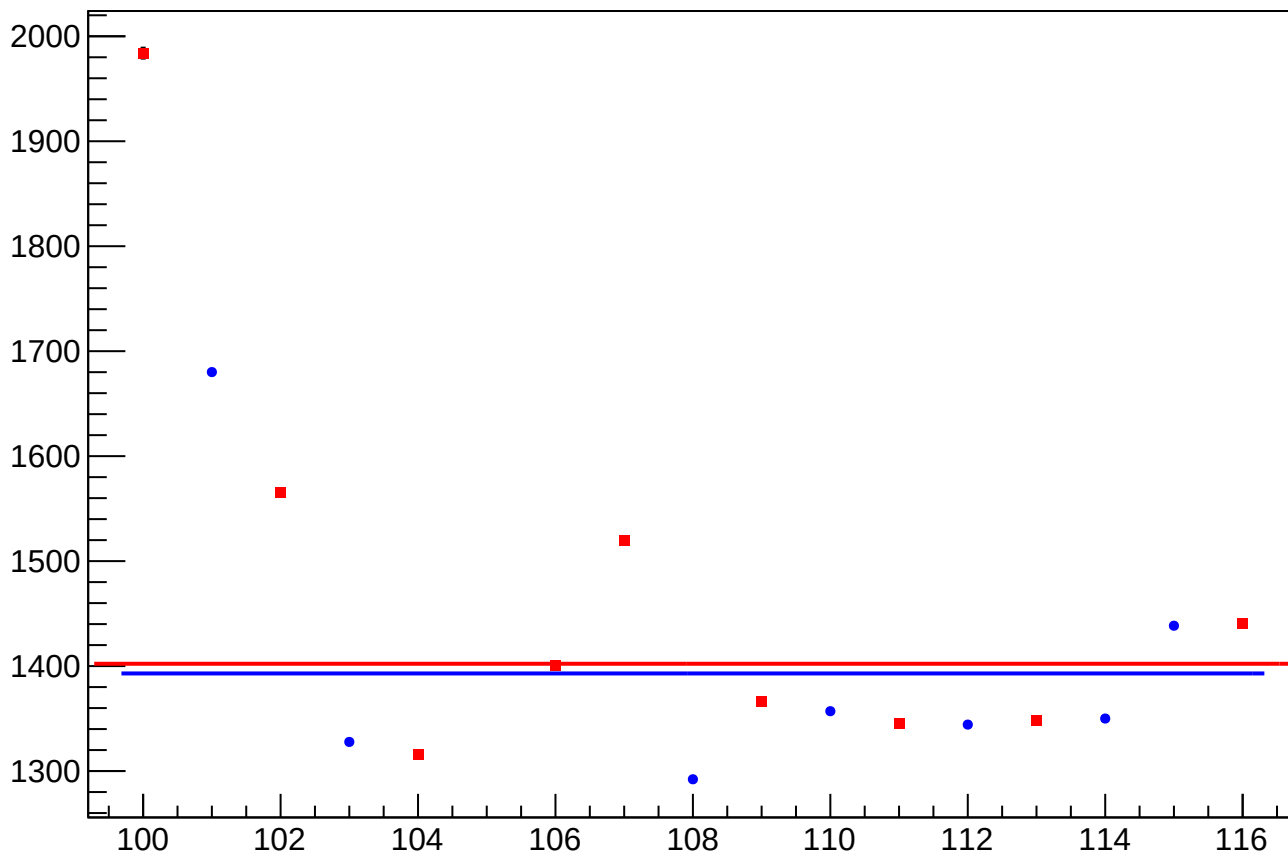
Right: 2181.029+/-567.960 χ^2 /NDF: 6.9/15

In: 1869.520+/-842.941 χ^2 /NDF:3.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2181.029+/-567.960 χ^2 /NDF: 6.9/15

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.986+/-0.596 χ^2/NDF : 47689.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1402.217+/-0.540 χ^2/NDF : 36083.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

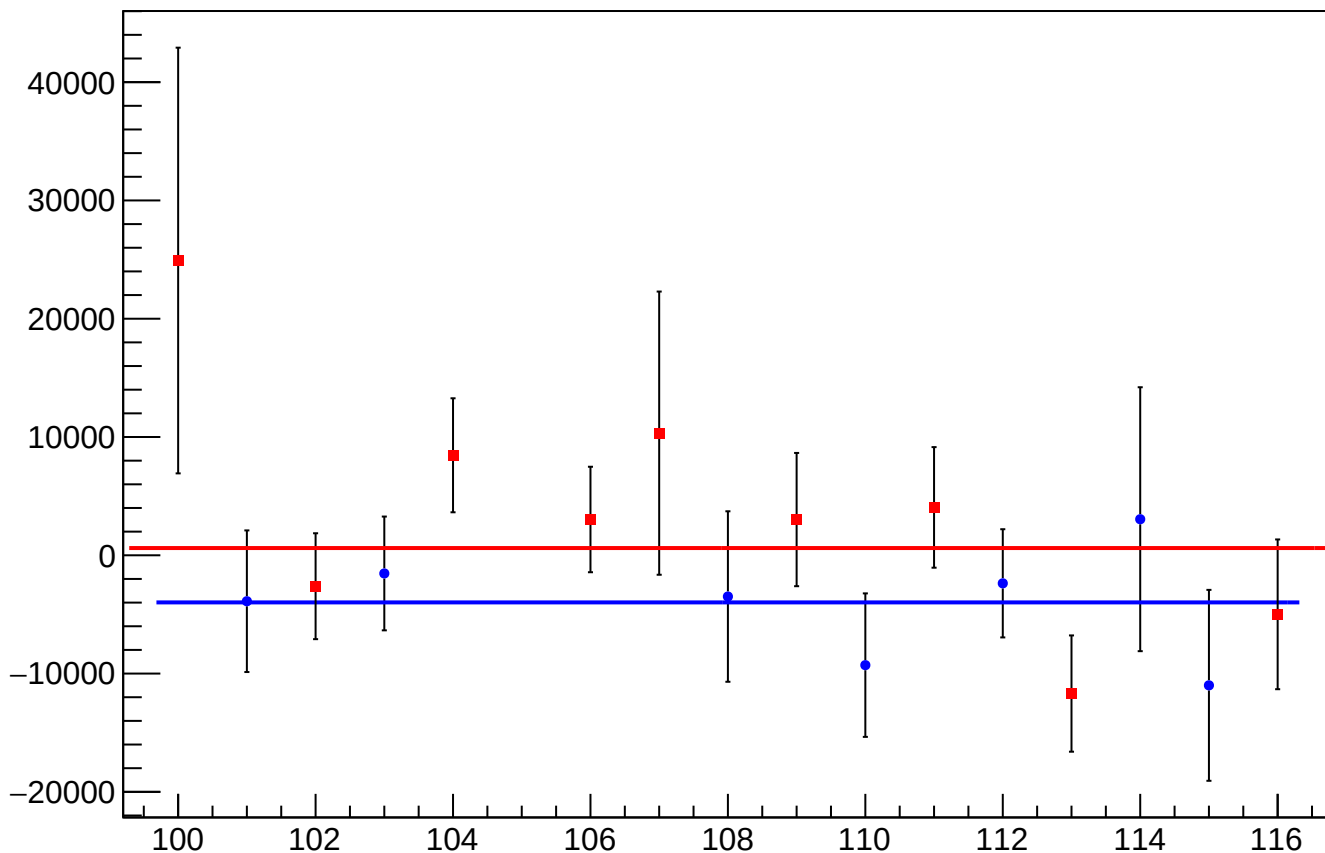
Right: 1398.052+/-0.400 χ^2/NDF : 83904.6/15

In: 1392.986+/-0.596 χ^2/NDF : 47689.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.052+/-0.400 χ^2/NDF : 83904.6/15

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3983.438+/-2301.778 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.904+/-1858.009 χ^2/NDF : 13.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

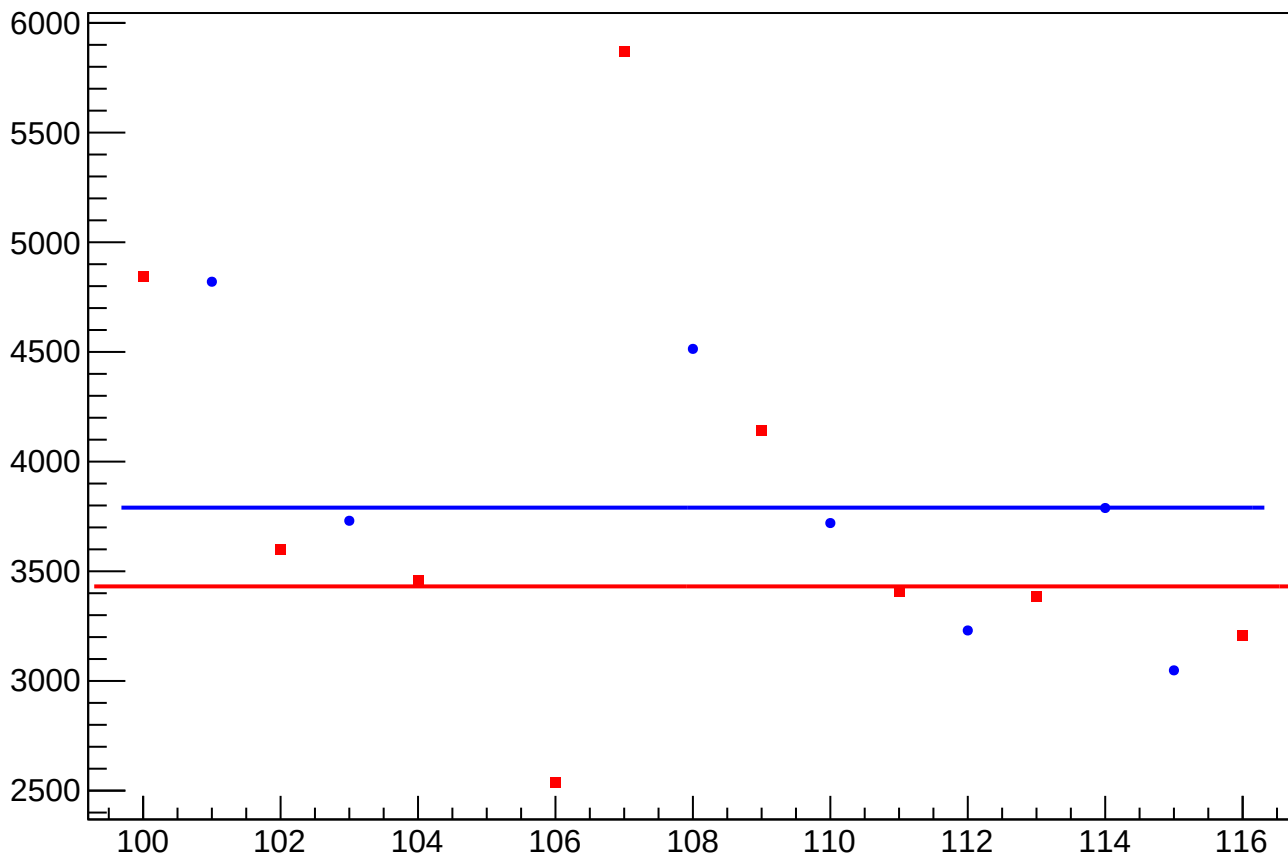
Right: -1201.048+/-1445.765 χ^2/NDF : 18.3/15

In: -3983.438+/-2301.778 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1201.048+/-1445.765 χ^2/NDF : 18.3/15

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3790.194+/-1.628 χ^2/NDF : 126816.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3431.101+/-1.314 χ^2/NDF : 212951.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

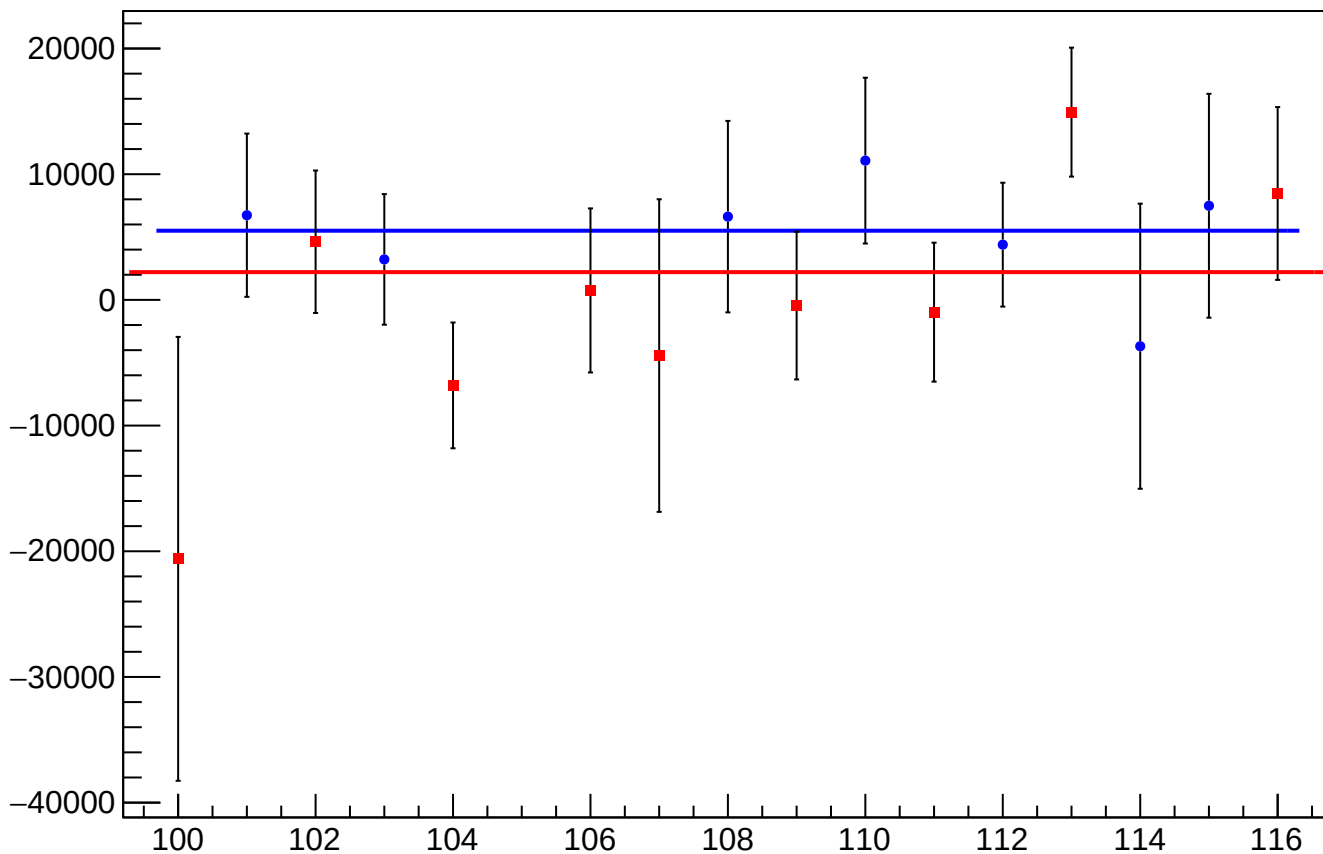
Right: 3572.771+/-1.022 χ^2/NDF : 369241.1/15

In: 3790.194+/-1.628 χ^2/NDF : 126816.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3572.771+/-1.022 χ^2/NDF : 369241.1/15

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 5504.194+/-2480.315 χ^2/NDF : 1.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.023+/-2107.773 χ^2/NDF : 13.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

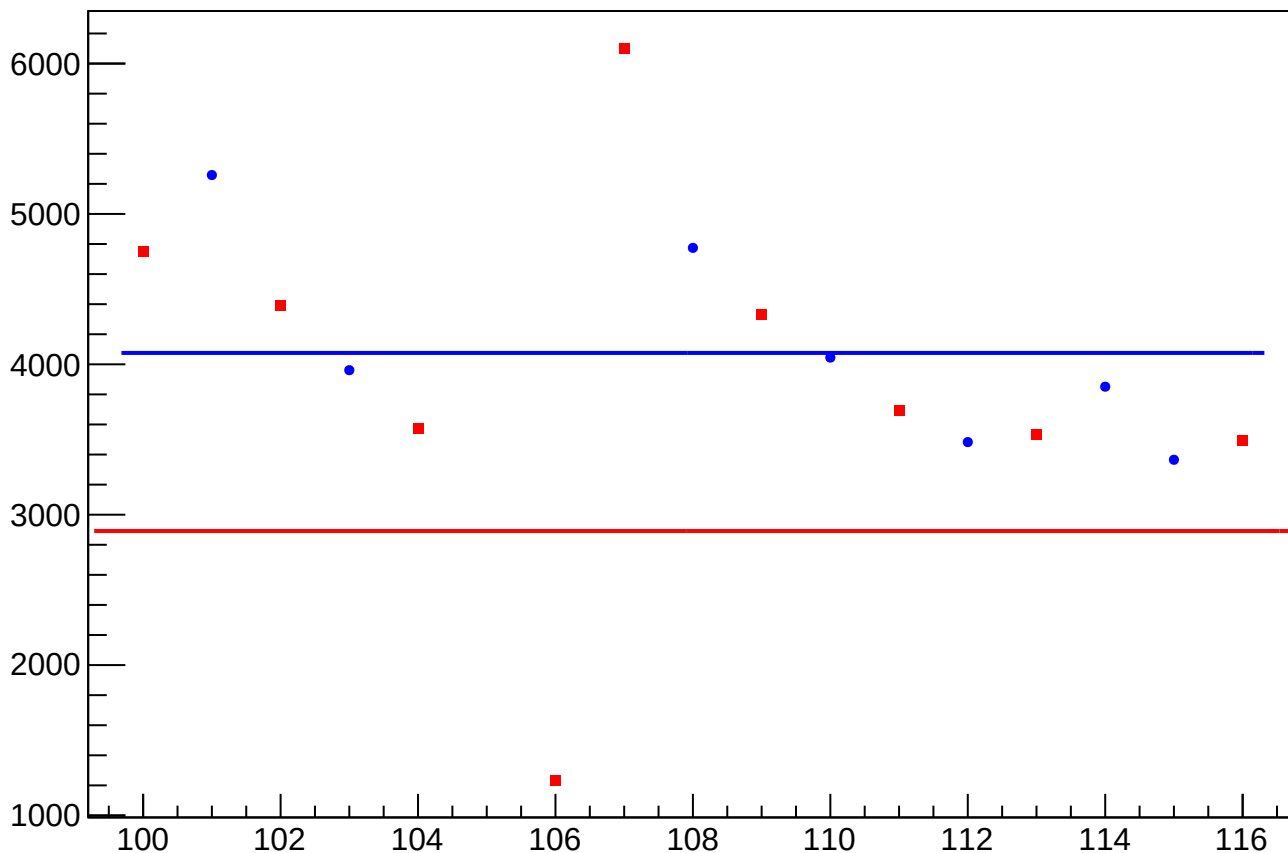
Right: 3590.220+/-1606.153 χ^2/NDF : 15.7/15

In: 5504.194+/-2480.315 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3590.220+/-1606.153 χ^2/NDF : 15.7/15

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4075.777+/-1.754 χ^2/NDF : 126651.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2891.644+/-1.239 χ^2/NDF : 1222593.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

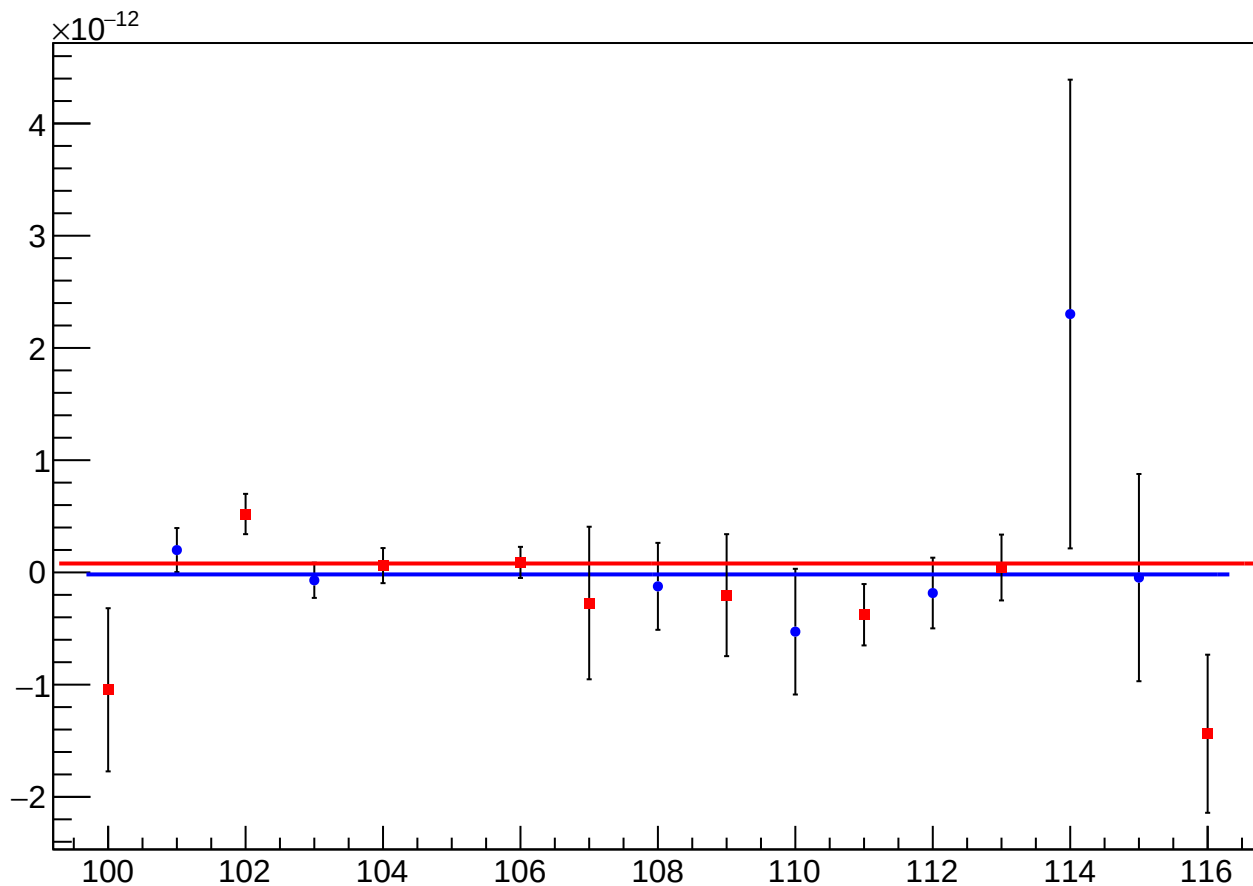
Right: 3286.004+/-1.012 χ^2/NDF : 1653280.3/15

In: 4075.777+/-1.754 χ^2/NDF : 126651.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.004+/-1.012 χ^2/NDF : 1653280.3/15

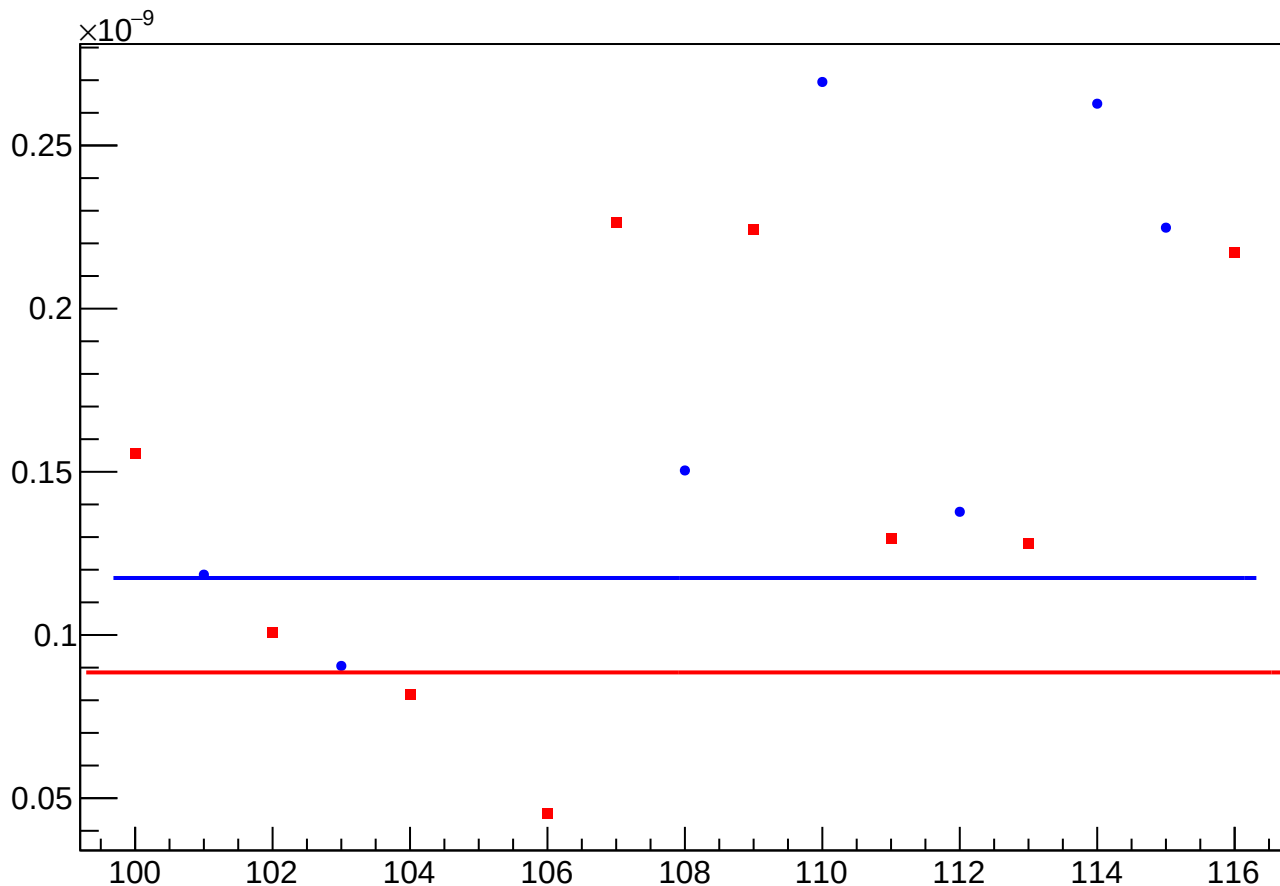
asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.8/6
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 16.4/8
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 20.7/15
 In: -0.000+/-0.000 χ^2 /NDF:3.8/6
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 20.7/15

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 265890.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 579959.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

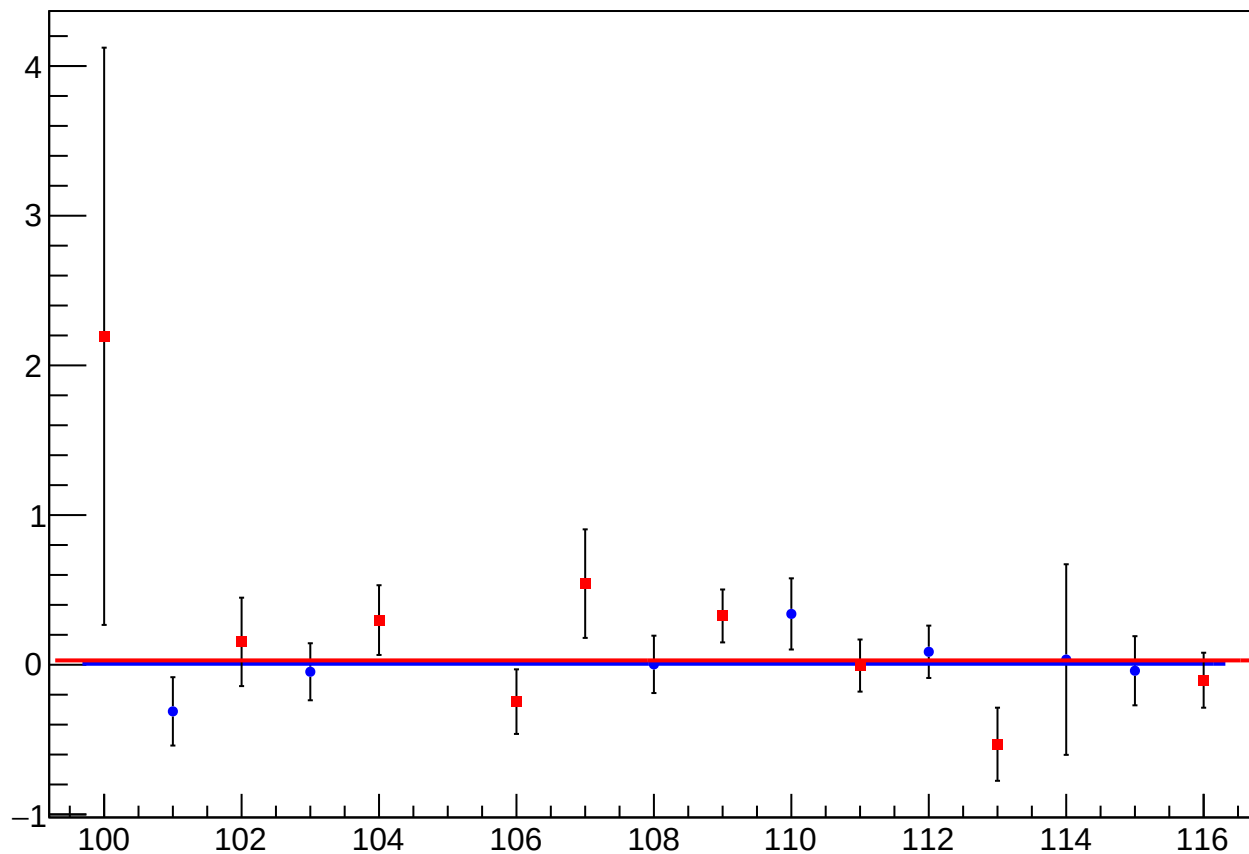
Right: 0.000+/-0.000 χ^2/NDF : 940592.2/15

In: 0.000+/-0.000 χ^2/NDF : 265890.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940592.2/15

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.083 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.077 χ^2/NDF : 15.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

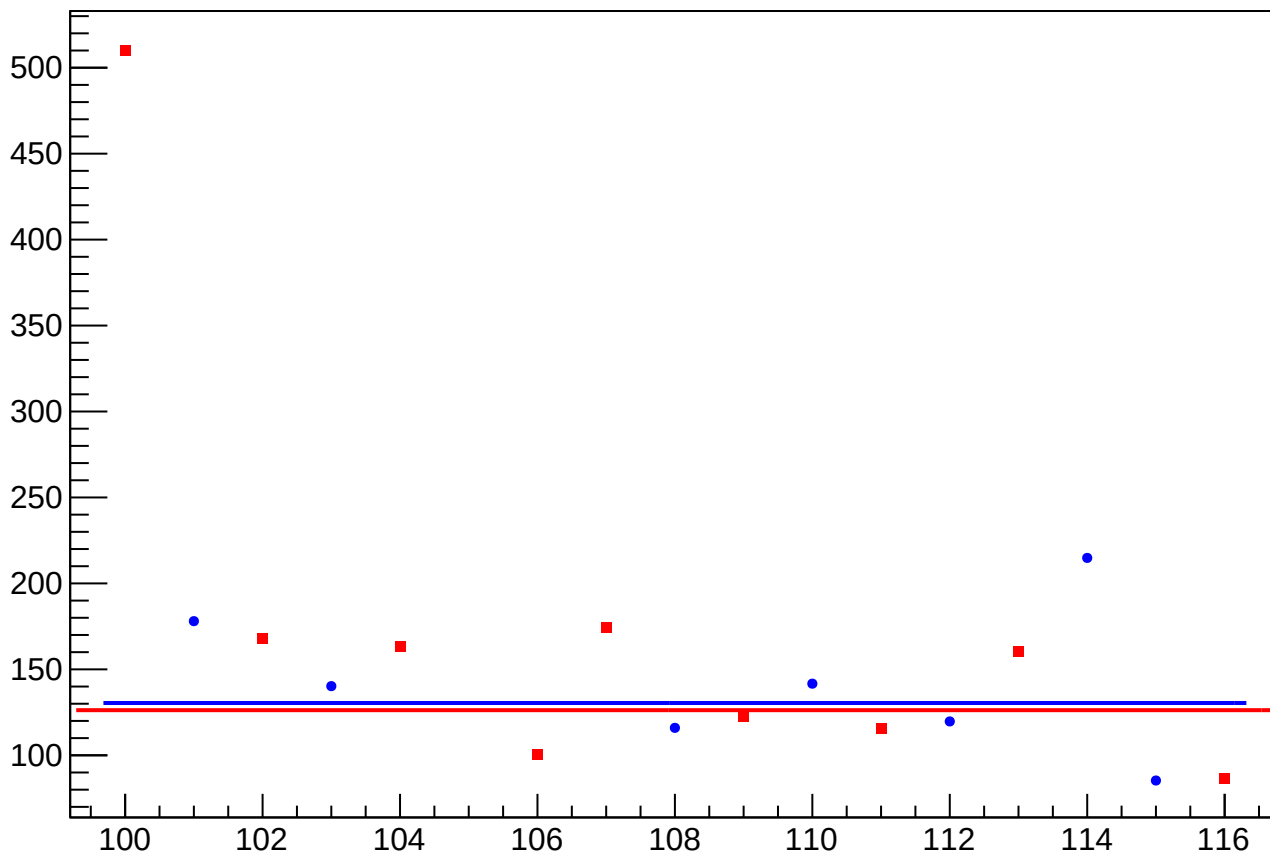
Right: 0.019+/-0.056 χ^2/NDF : 19.3/15

In: 0.007+/-0.083 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.056 χ^2/NDF : 19.3/15

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.435+/-0.059 χ^2/NDF : 227027.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.253+/-0.054 χ^2/NDF : 373358.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

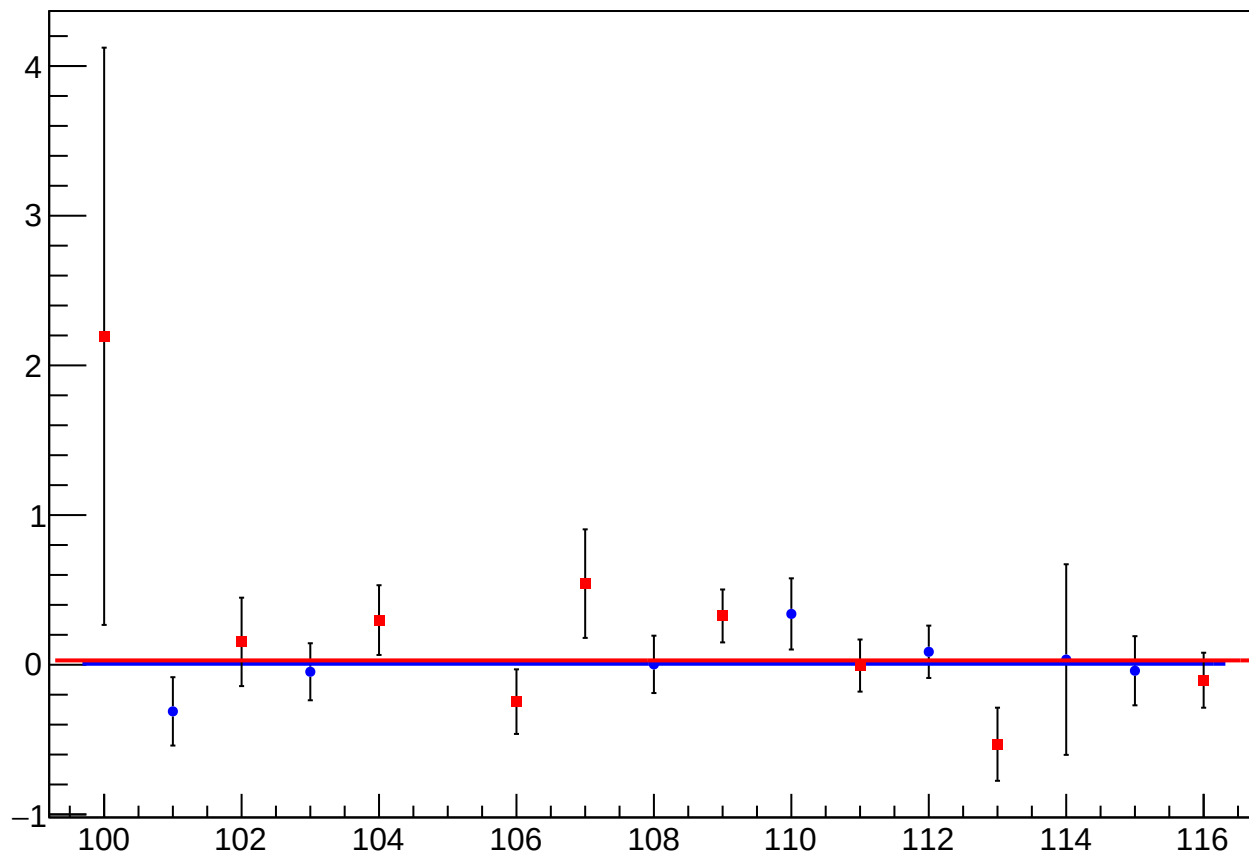
Right: 128.178+/-0.040 χ^2/NDF : 603132.2/15

In: 130.435+/-0.059 χ^2/NDF :227027.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.178+/-0.040 χ^2/NDF : 603132.2/15

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.083 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.029+/-0.077 χ^2/NDF : 15.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

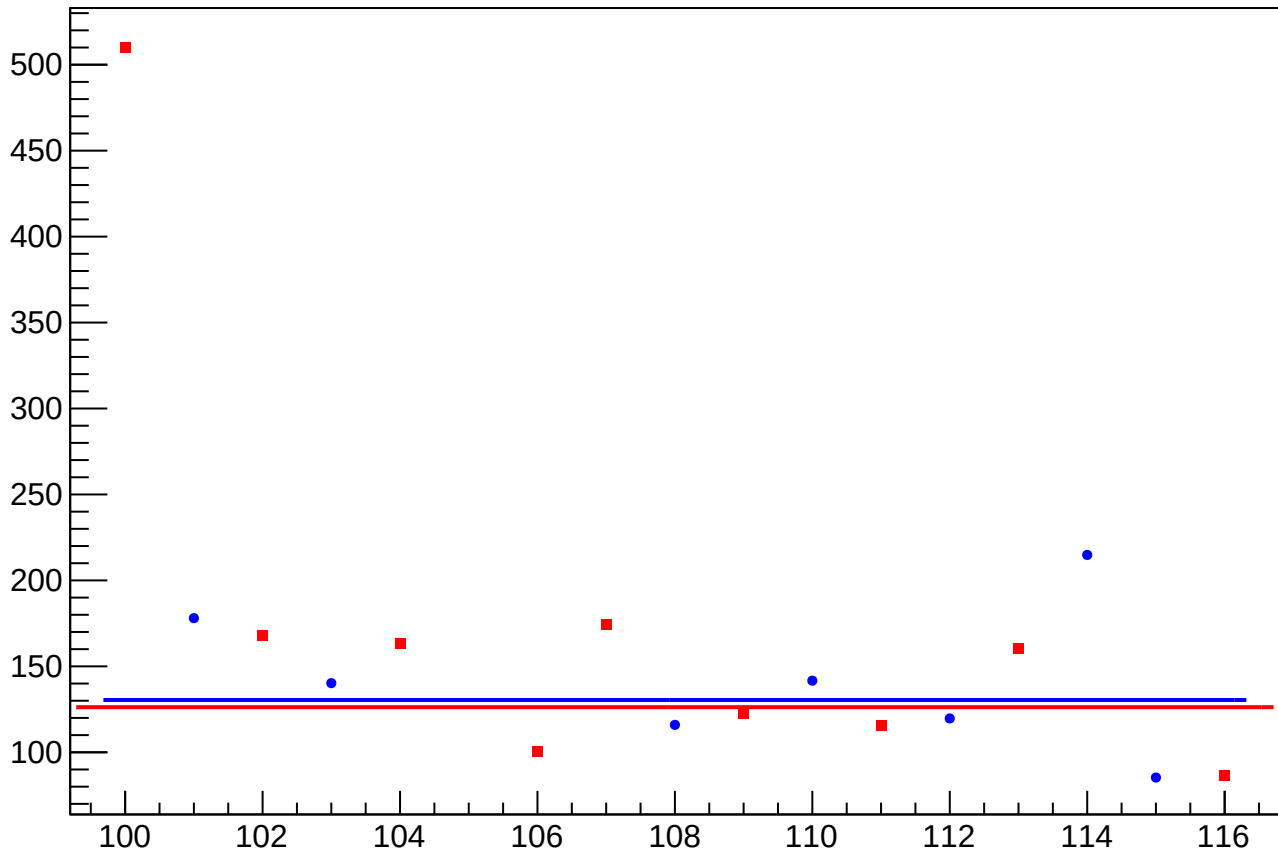
Right: 0.019+/-0.056 χ^2/NDF : 19.3/15

In: 0.007+/-0.083 χ^2/NDF :4.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.056 χ^2/NDF : 19.3/15

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.435+/-0.059 χ^2/NDF : 227027.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.253+/-0.054 χ^2/NDF : 373358.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

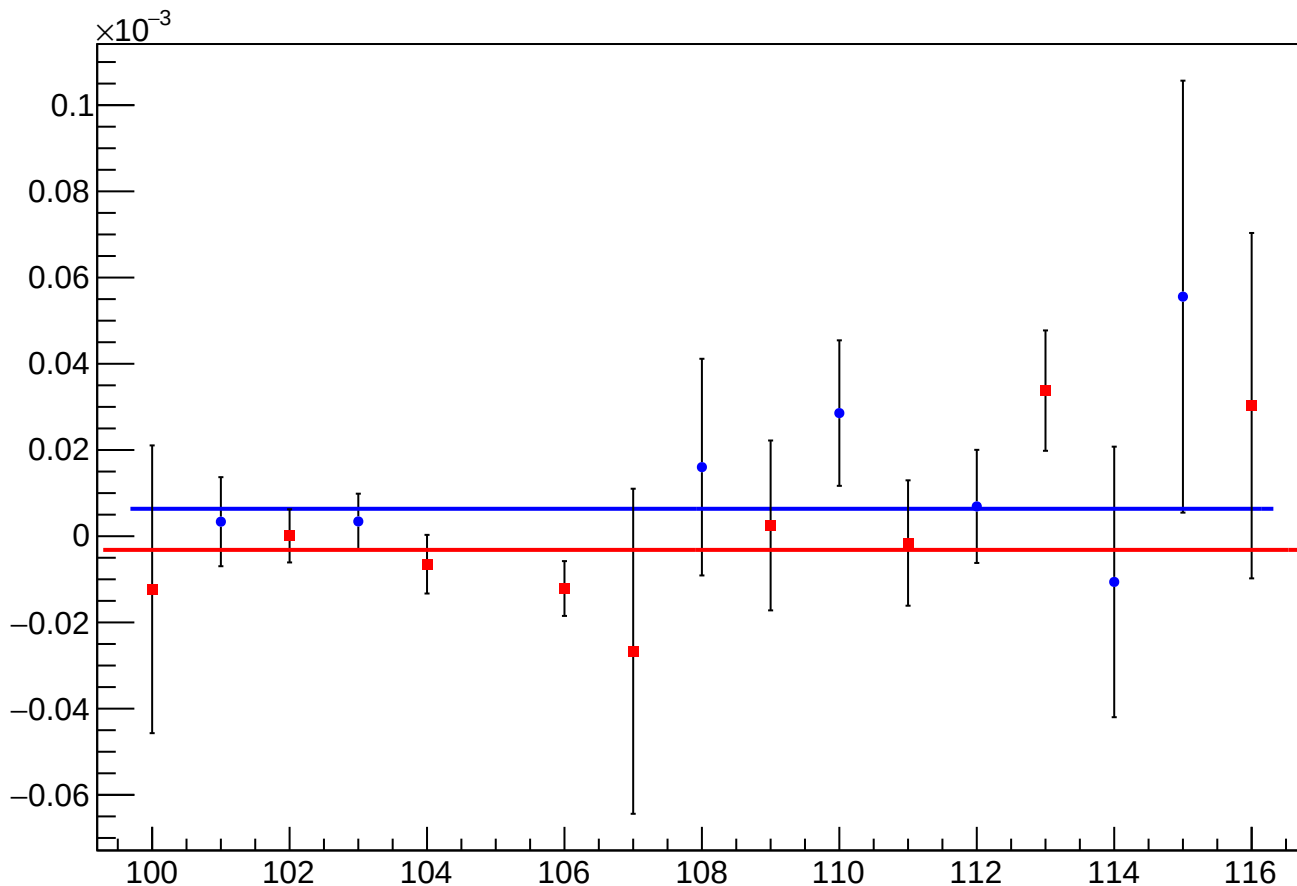
Right: 128.178+/-0.040 χ^2/NDF : 603132.2/15

In: 130.435+/-0.059 χ^2/NDF : 227027.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.178+/-0.040 χ^2/NDF : 603132.2/15

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 10.8/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

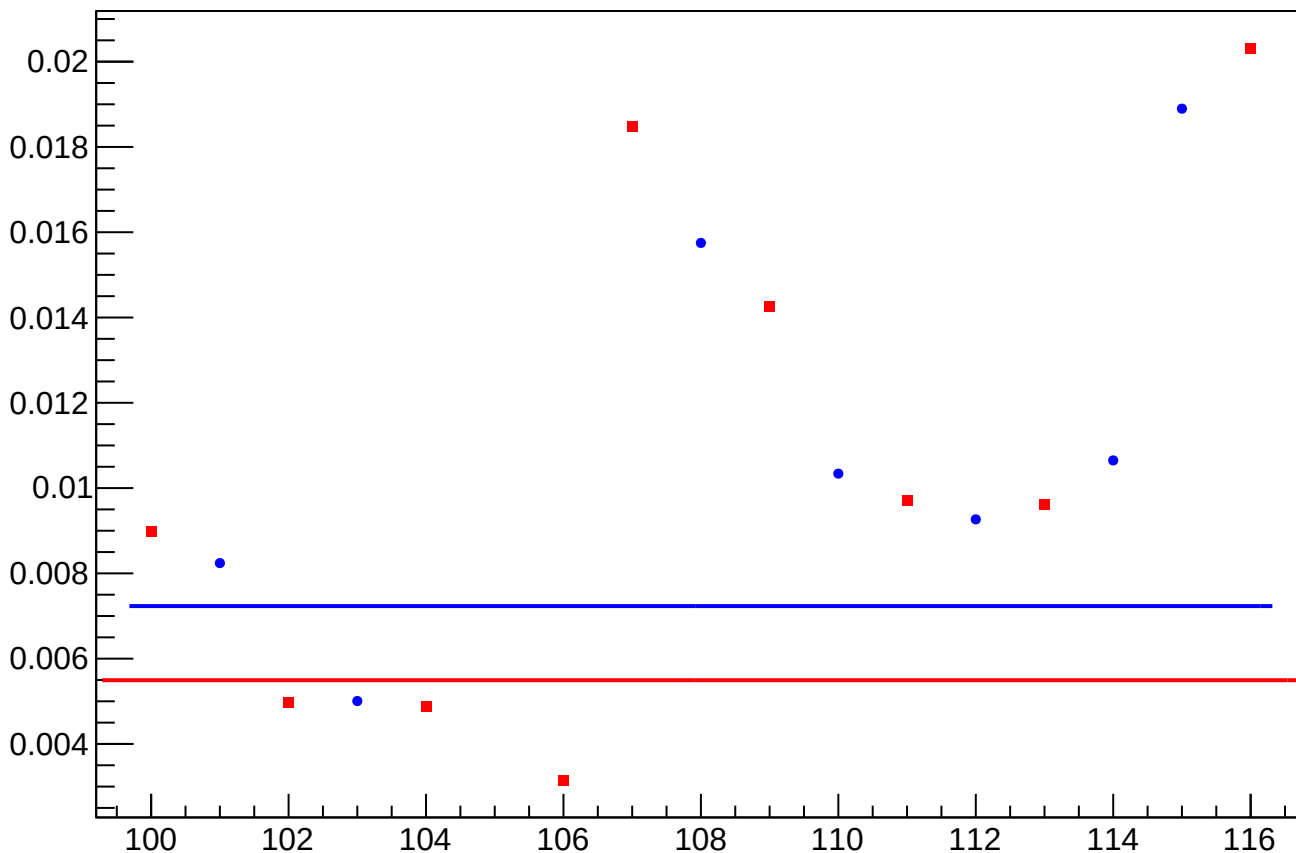
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 16.9/15

In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.4/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 16.9/15

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 736000.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1575900.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

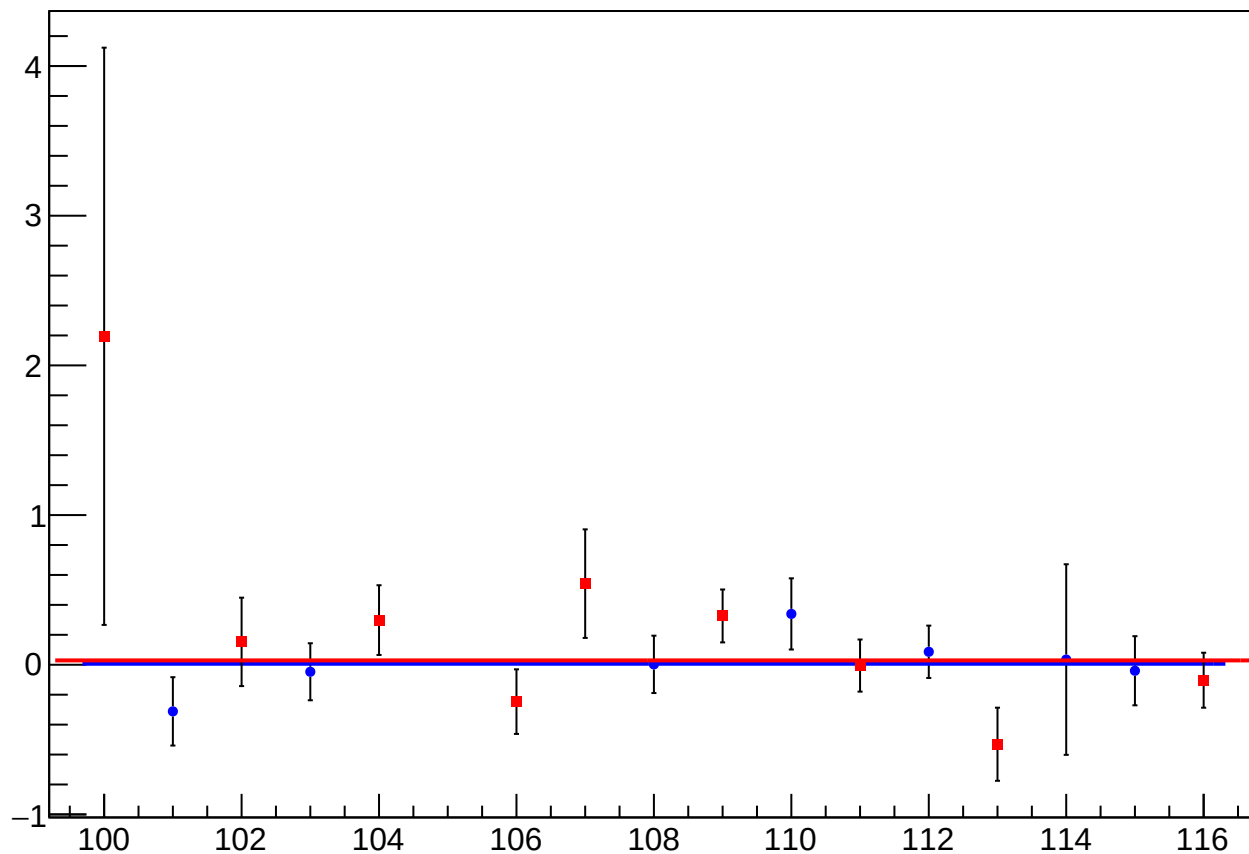
Right: 0.006+/-0.000 χ^2/NDF : 2493610.7/15

In: 0.007+/-0.000 χ^2/NDF : 736000.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2493610.7/15

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.083 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.029+/-0.077 χ^2/NDF : 15.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

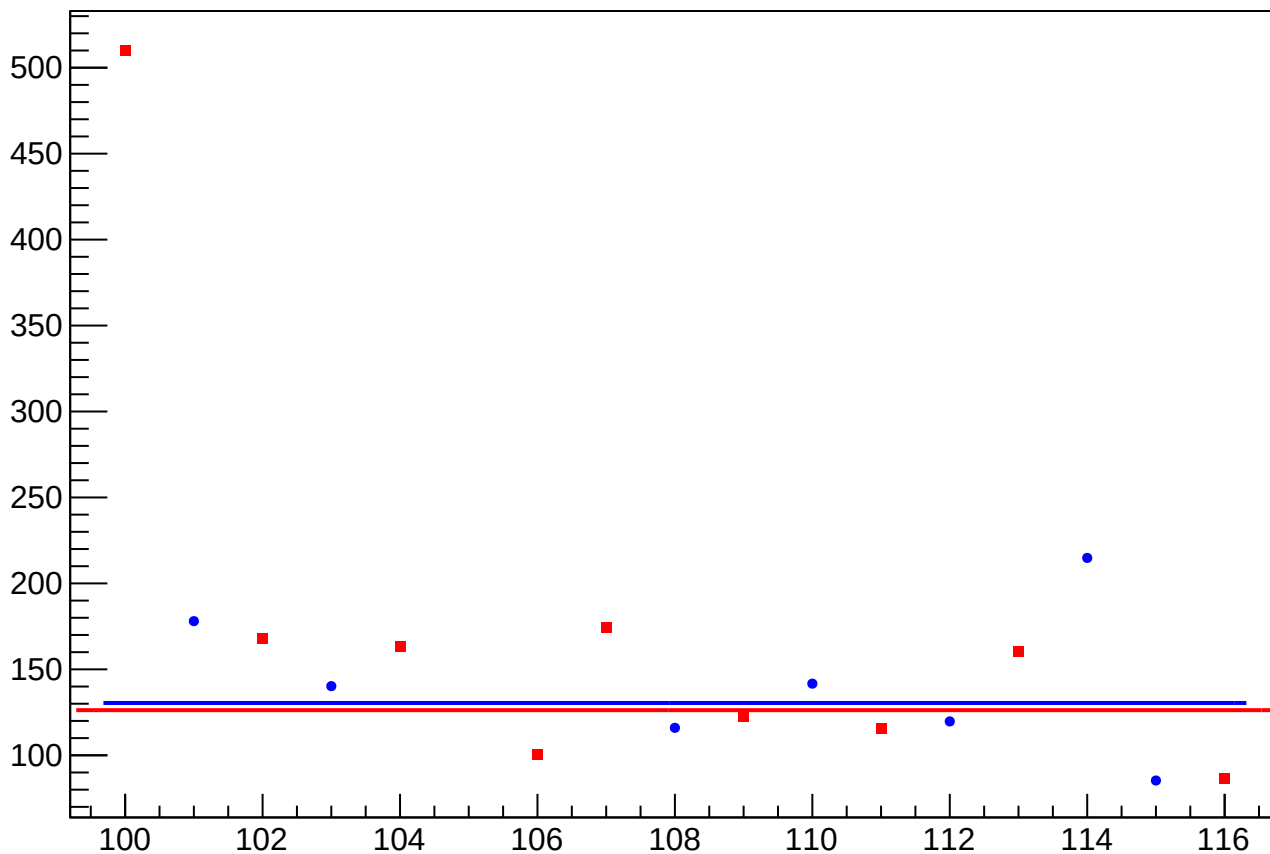
Right: 0.019+/-0.056 χ^2/NDF : 19.3/15

In: 0.007+/-0.083 χ^2/NDF :4.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.056 χ^2/NDF : 19.3/15

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.438+/-0.059 χ^2/NDF : 227005.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.256+/-0.054 χ^2/NDF : 373323.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

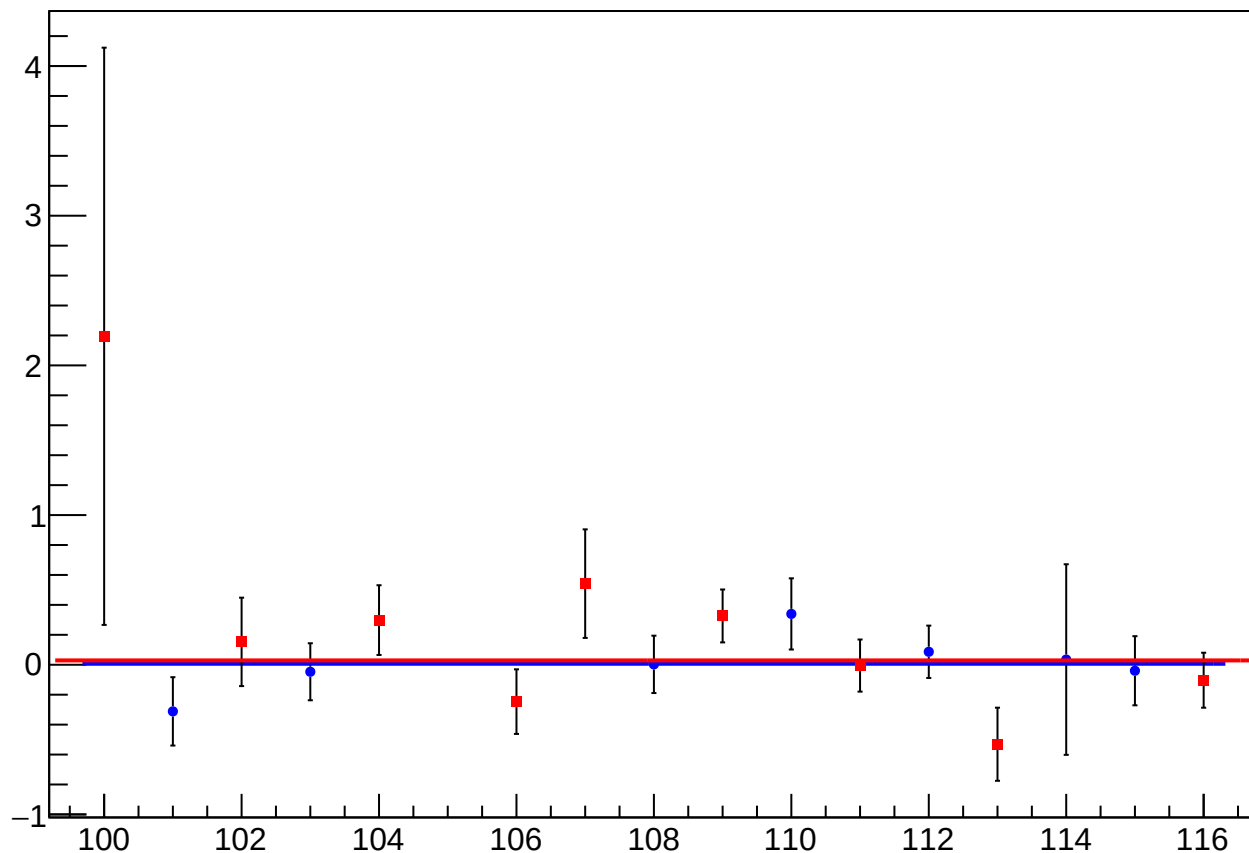
Right: 128.181+/-0.040 χ^2/NDF : 603076.7/15

In: 130.438+/-0.059 χ^2/NDF : 227005.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.181+/-0.040 χ^2/NDF : 603076.7/15

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.083 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.029+/-0.077 χ^2/NDF : 15.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

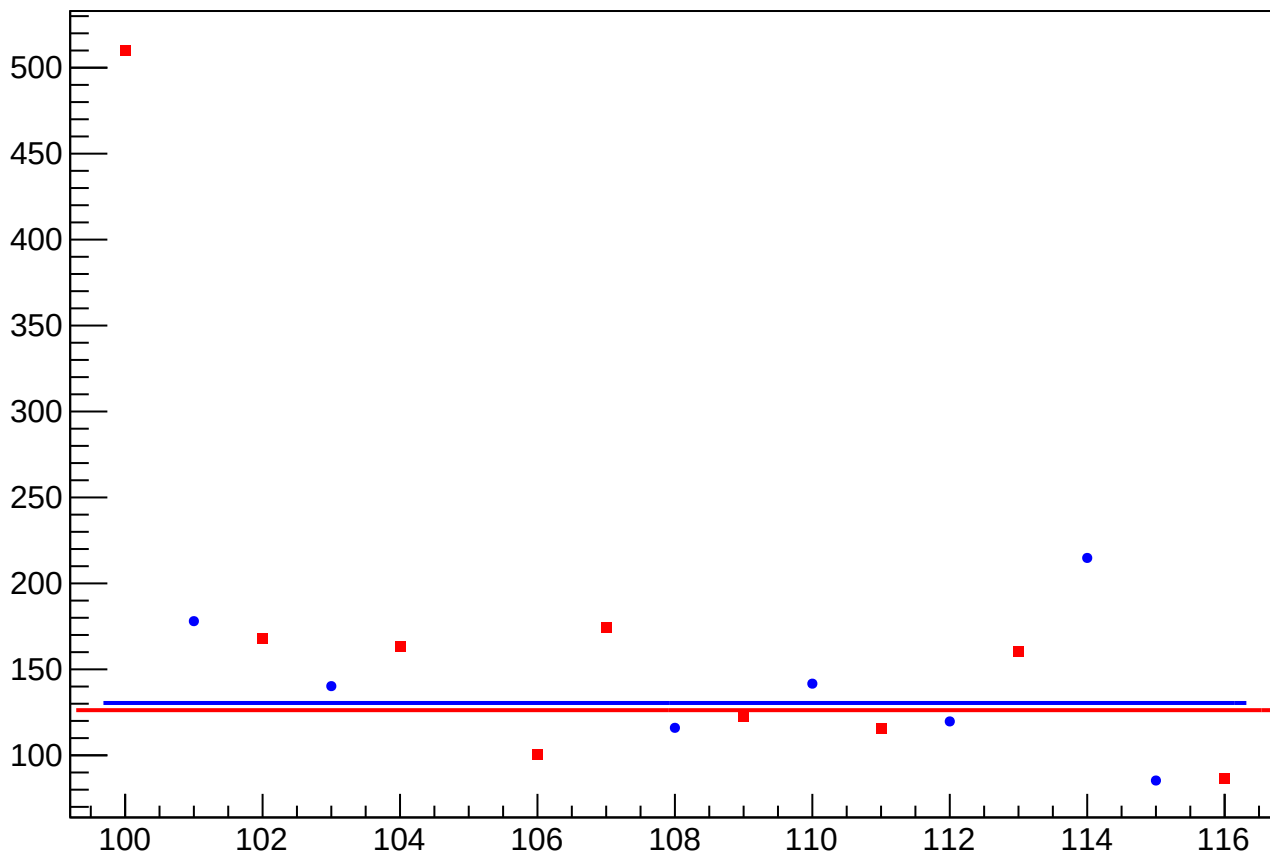
Right: 0.019+/-0.056 χ^2/NDF : 19.3/15

In: 0.007+/-0.083 χ^2/NDF :4.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.056 χ^2/NDF : 19.3/15

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.438+/-0.059 χ^2/NDF : 227005.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.256+/-0.054 χ^2/NDF : 373323.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

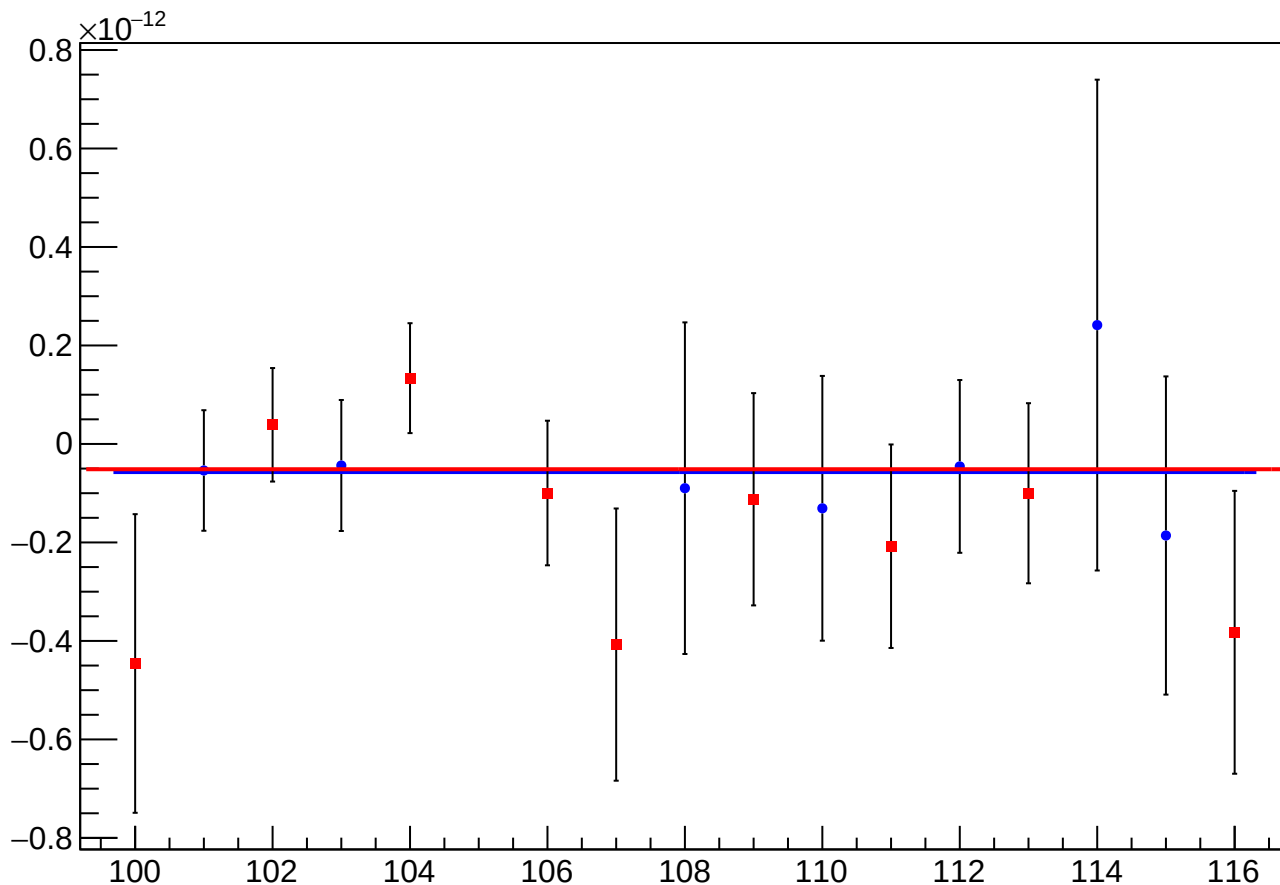
Right: 128.181+/-0.040 χ^2/NDF : 603076.7/15

In: 130.438+/-0.059 χ^2/NDF : 227005.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.181+/-0.040 χ^2/NDF : 603076.7/15

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

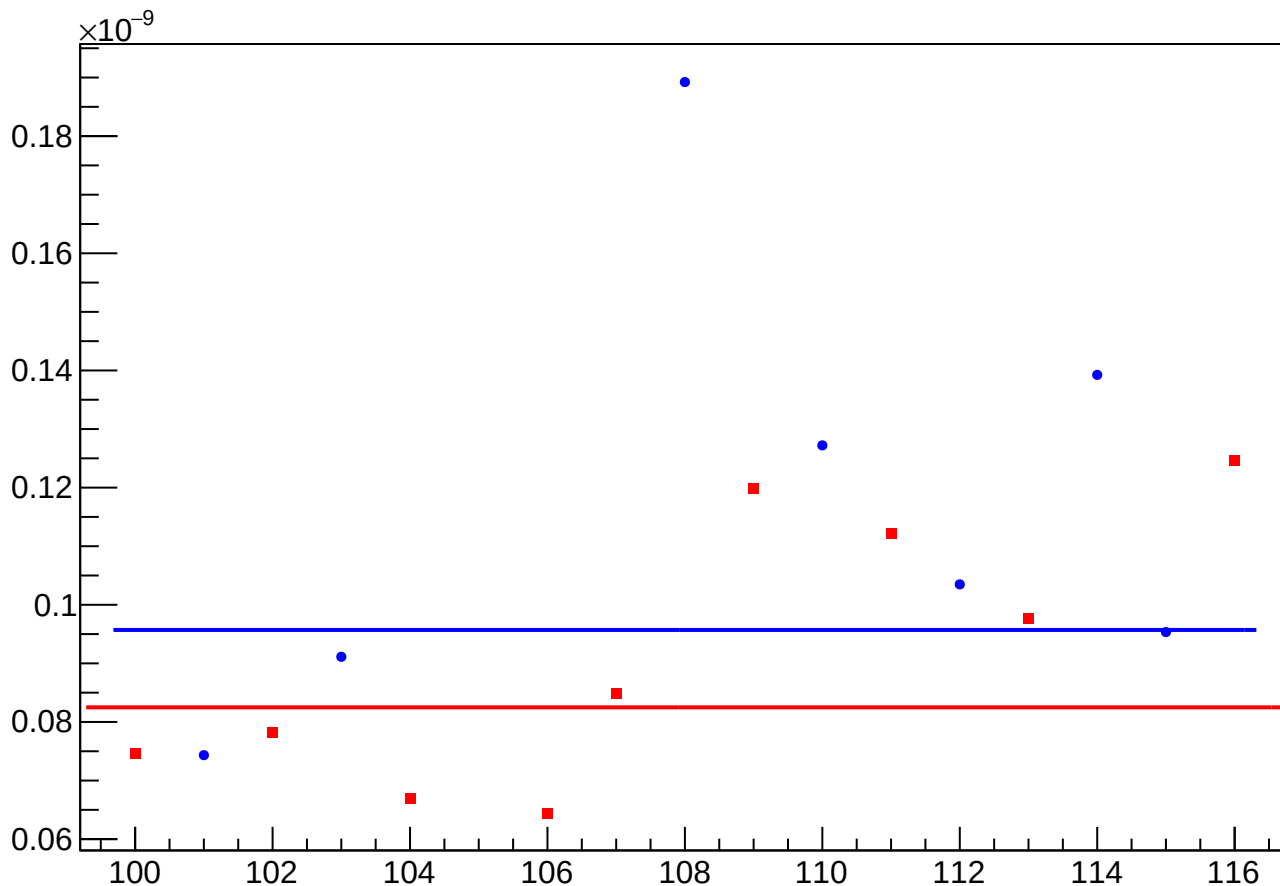
Right: -0.000+/-0.000 χ^2/NDF : 9.5/15

In: -0.000+/-0.000 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.5/15

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 264309.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 231491.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

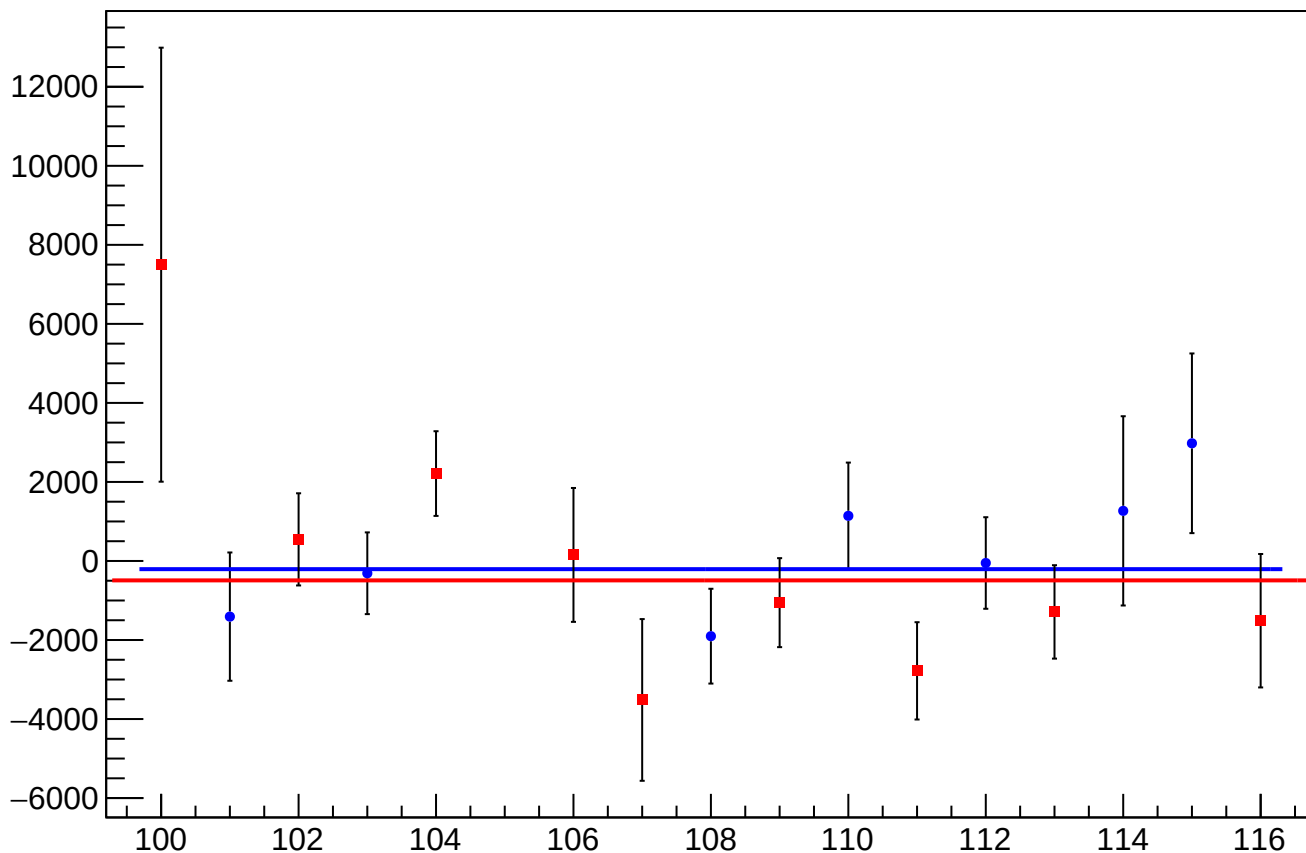
Right: 0.000+/-0.000 χ^2/NDF : 537323.9/15

In: 0.000+/-0.000 χ^2/NDF : 264309.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 537323.9/15

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -207.027+/-521.787 χ^2 /NDF: 5.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -491.245+/-459.250 χ^2 /NDF: 16.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

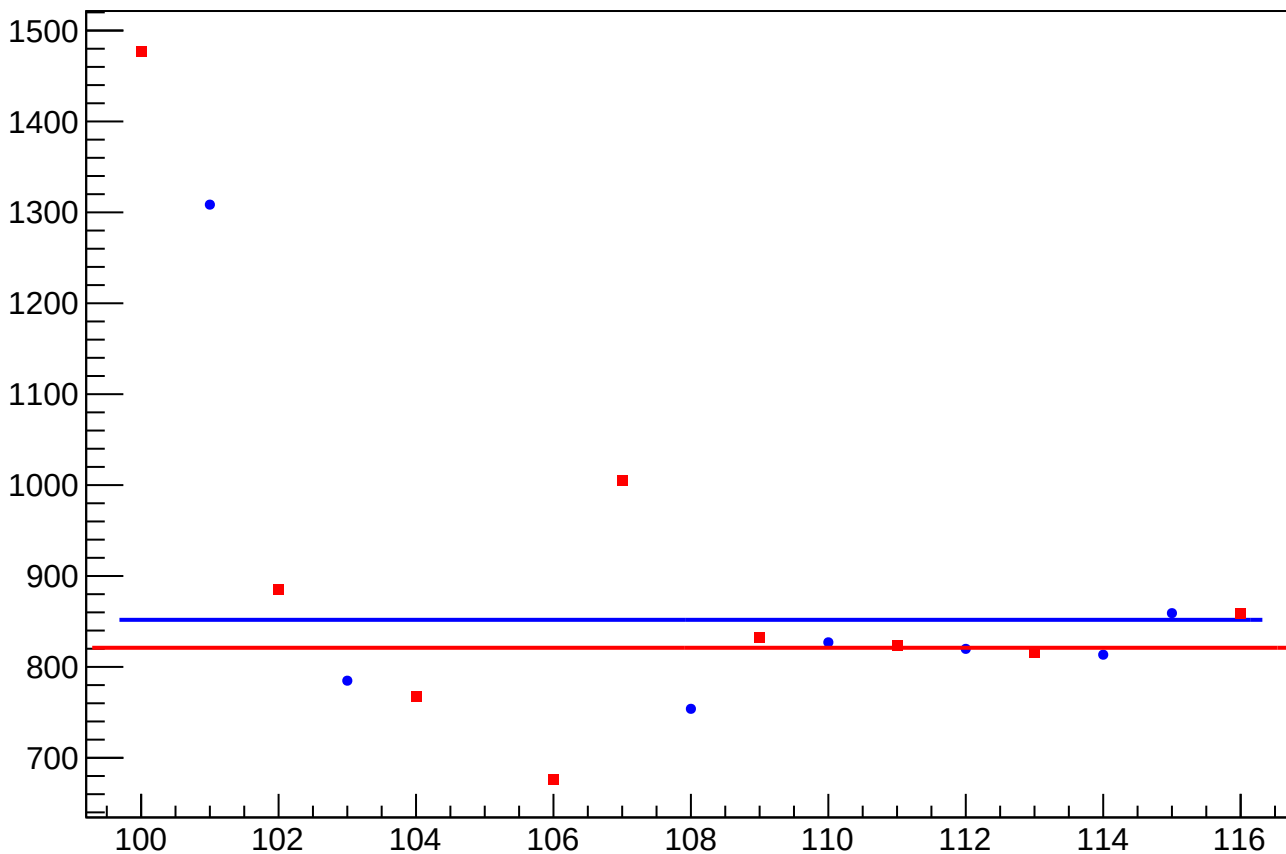
Right: -367.181+/-344.740 χ^2 /NDF: 22.2/15

In: -207.027+/-521.787 χ^2 /NDF:5.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -367.181+/-344.740 χ^2 /NDF: 22.2/15

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.793+/-0.369 χ^2/NDF : 182744.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.051+/-0.317 χ^2/NDF : 81908.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

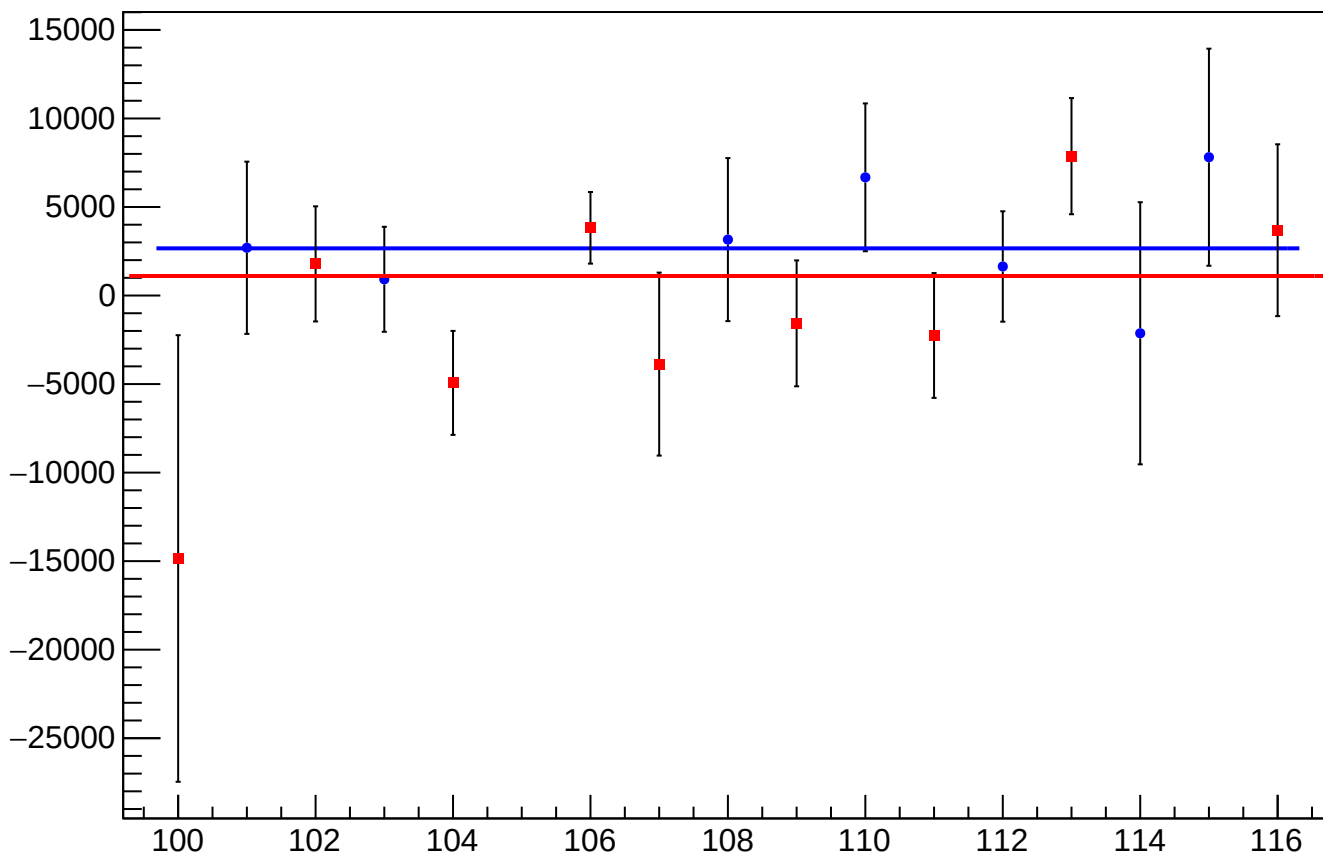
Right: 834.094+/-0.240 χ^2/NDF : 268649.8/15

In: 851.793+/-0.369 χ^2/NDF : 182744.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.094+/-0.240 χ^2/NDF : 268649.8/15

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2664.916+/-1564.944 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1103.863+/-1122.194 χ^2/NDF : 14.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

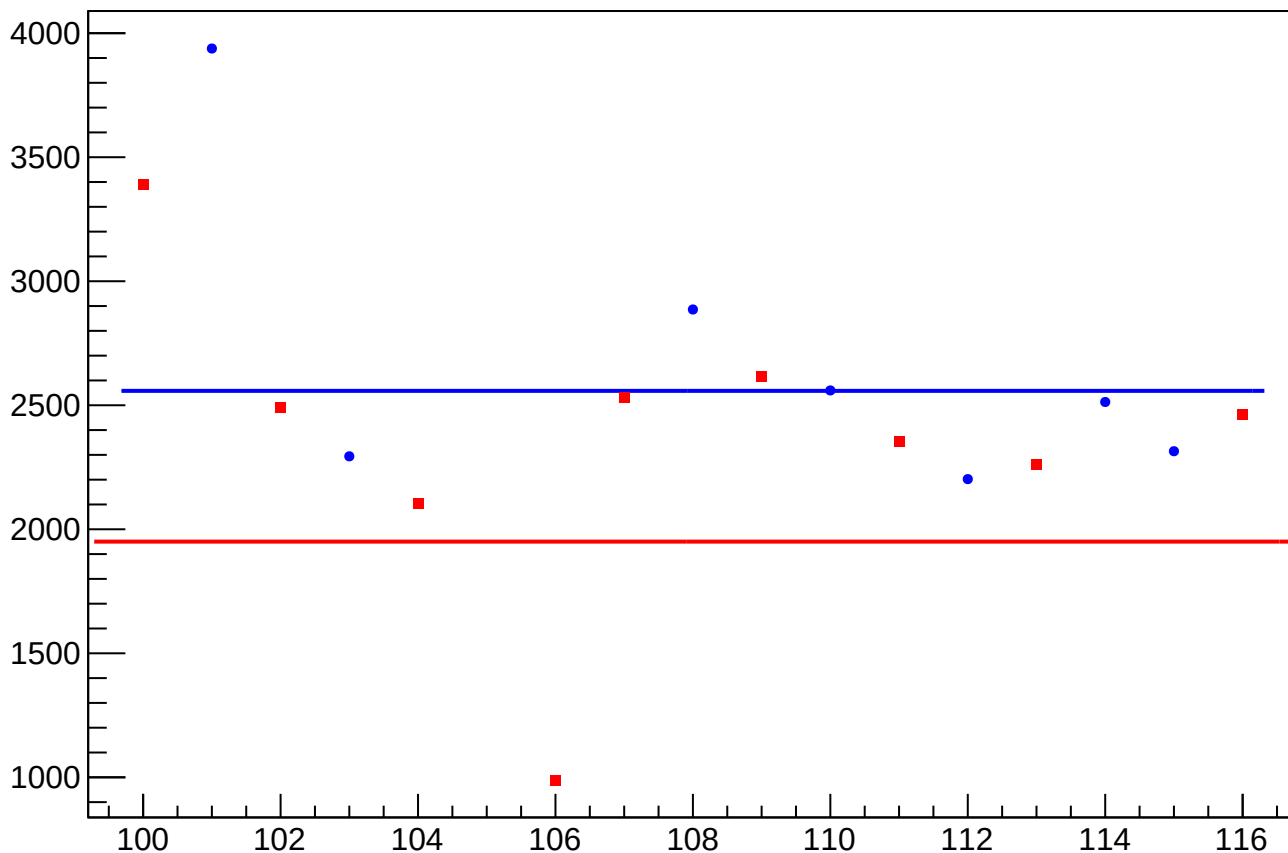
Right: 1633.979+/-911.959 χ^2/NDF : 17.8/15

In: 2664.916+/-1564.944 χ^2/NDF :2.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1633.979+/-911.959 χ^2/NDF : 17.8/15

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2558.054+/-1.107 χ^2/NDF : 216326.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.275+/-0.794 χ^2/NDF : 702689.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

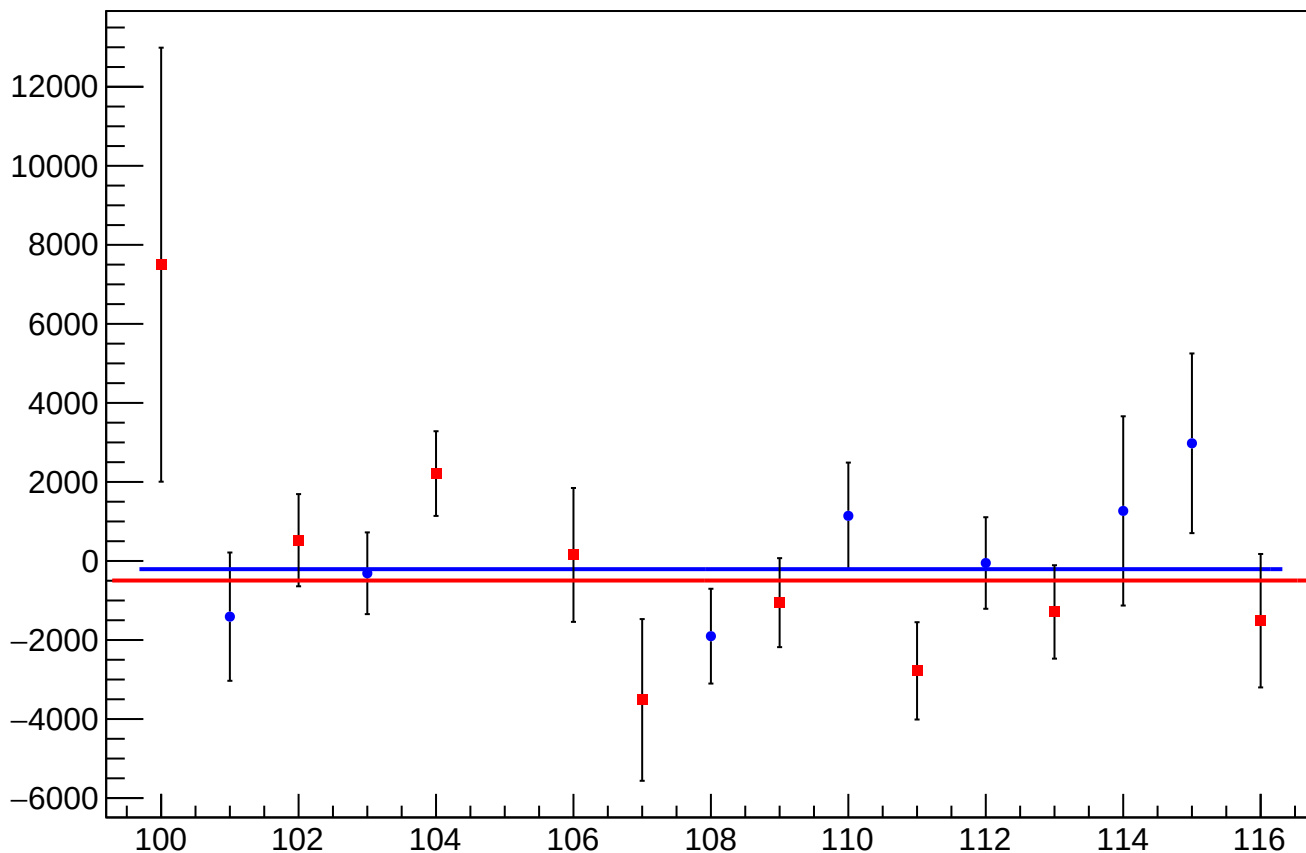
Right: 2156.670+/-0.645 χ^2/NDF : 1118238.9/15

In: 2558.054+/-1.107 χ^2/NDF : 216326.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.670+/-0.645 χ^2/NDF : 1118238.9/15

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -207.162+/-521.787 χ^2 /NDF: 5.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -494.584+/-459.265 χ^2 /NDF: 16.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

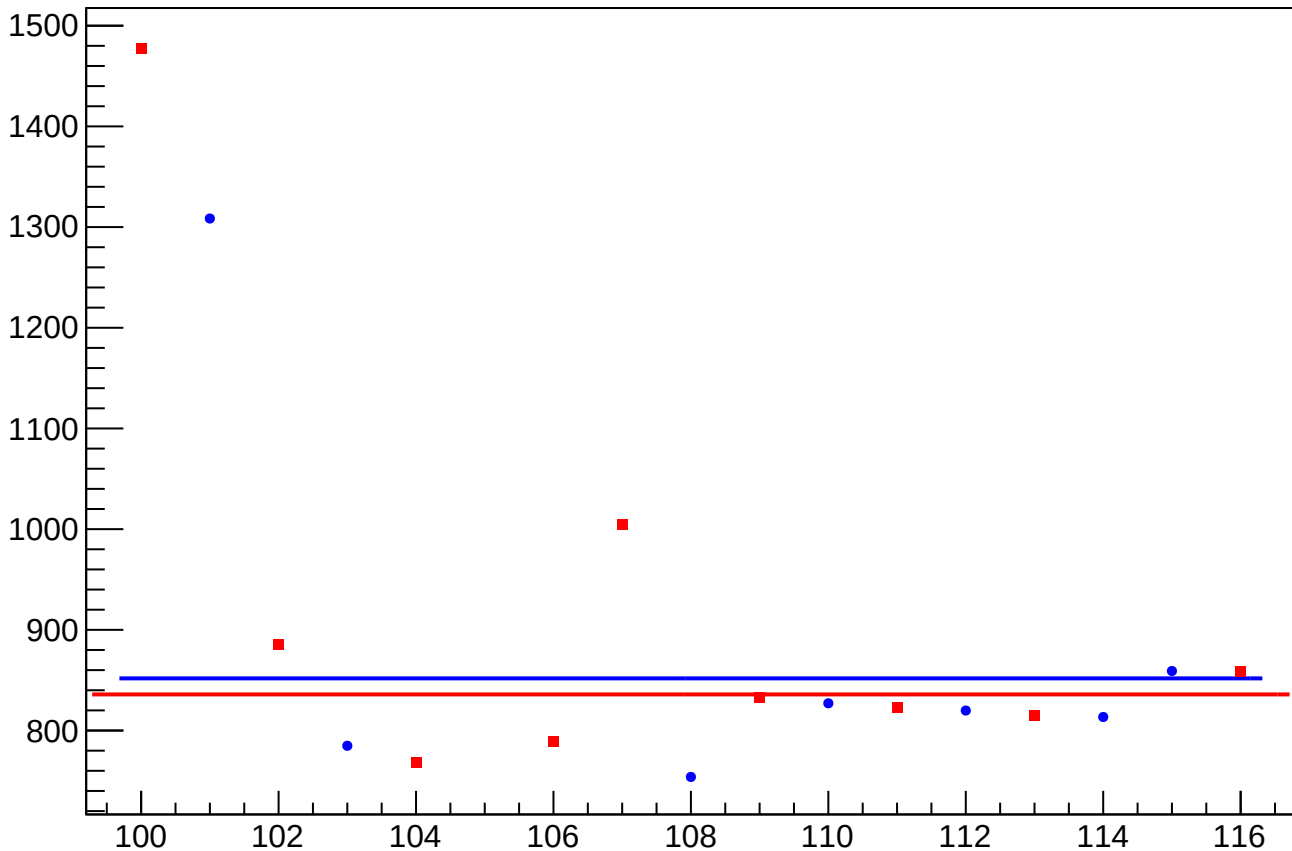
Right: -369.117+/-344.746 χ^2 /NDF: 22.2/15

In: -207.162+/-521.787 χ^2 /NDF:5.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -369.117+/-344.746 χ^2 /NDF: 22.2/15

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.793+/-0.369 χ^2/NDF : 182743.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 835.863+/-0.321 χ^2/NDF : 55734.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

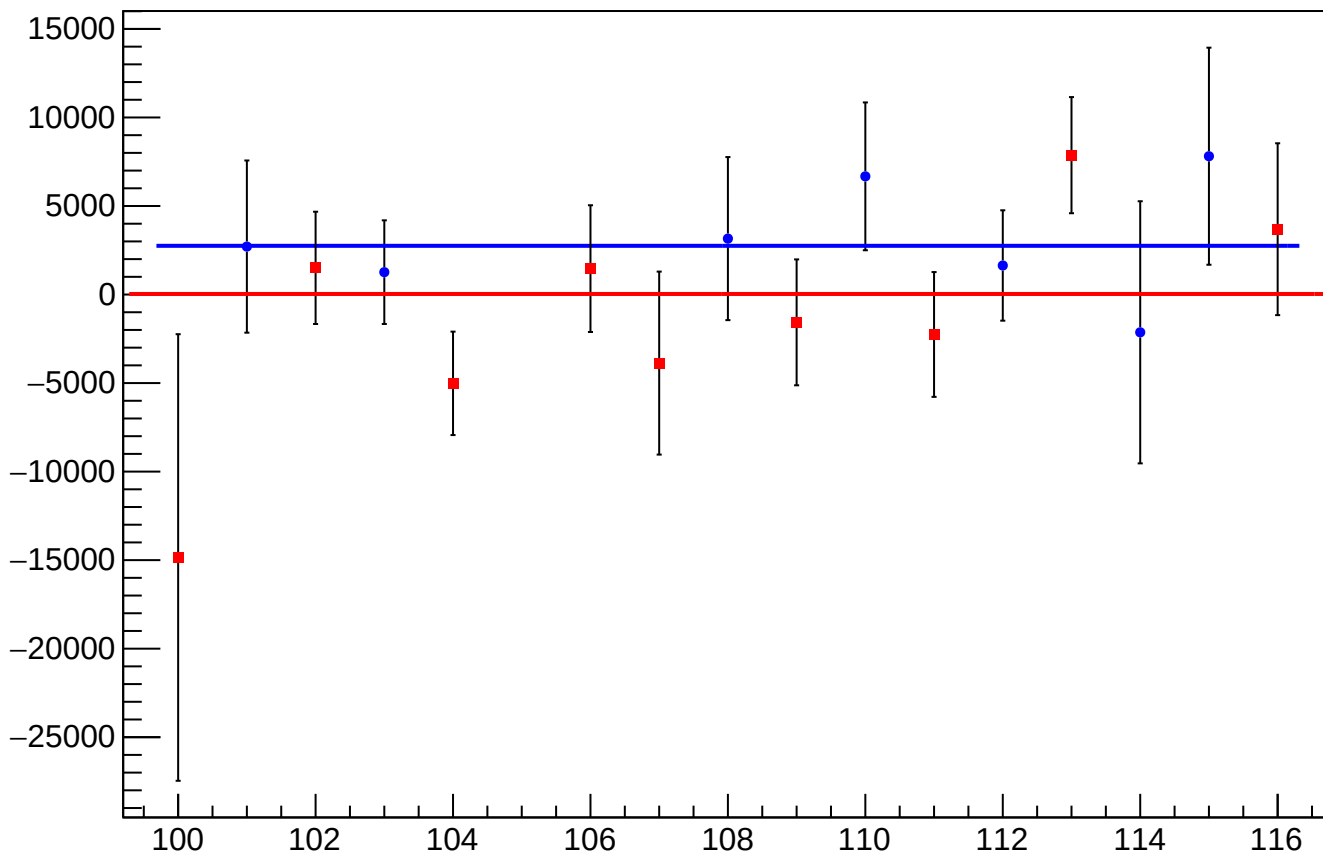
Right: 842.735+/-0.242 χ^2/NDF : 239538.1/15

In: 851.793+/-0.369 χ^2/NDF : 182743.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.735+/-0.242 χ^2/NDF : 239538.1/15

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2751.622+/-1559.145 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.907+/-1256.346 χ^2/NDF : 12.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

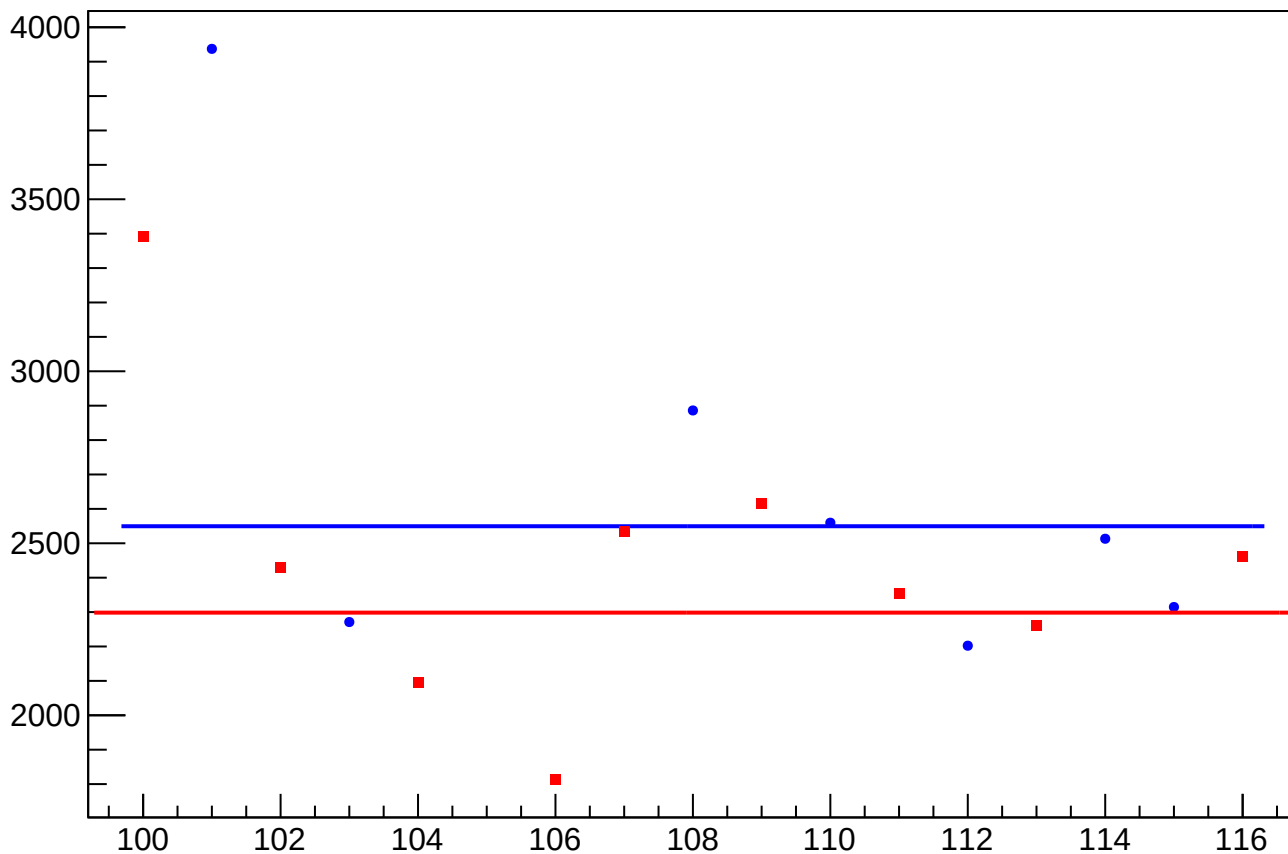
Right: 1102.611+/-978.271 χ^2/NDF : 16.5/15

In: 2751.622+/-1559.145 χ^2/NDF :2.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1102.611+/-978.271 χ^2/NDF : 16.5/15

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2549.528+/-1.102 χ^2/NDF : 219513.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2298.400+/-0.888 χ^2/NDF : 88380.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

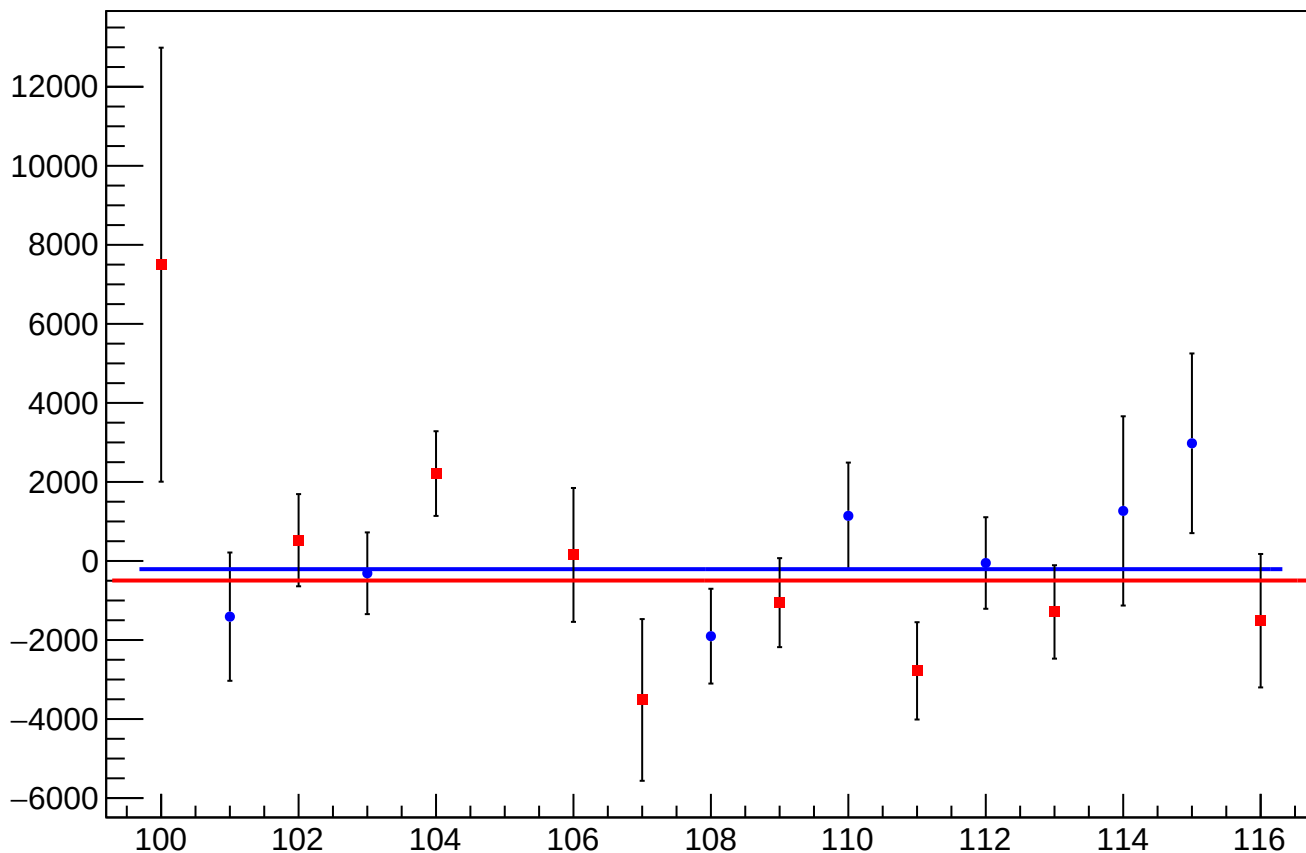
Right: 2397.264+/-0.692 χ^2/NDF : 339352.6/15

In: 2549.528+/-1.102 χ^2/NDF : 219513.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.264+/-0.692 χ^2/NDF : 339352.6/15

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -207.162+/-521.787 χ^2 /NDF: 5.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -494.584+/-459.265 χ^2 /NDF: 16.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

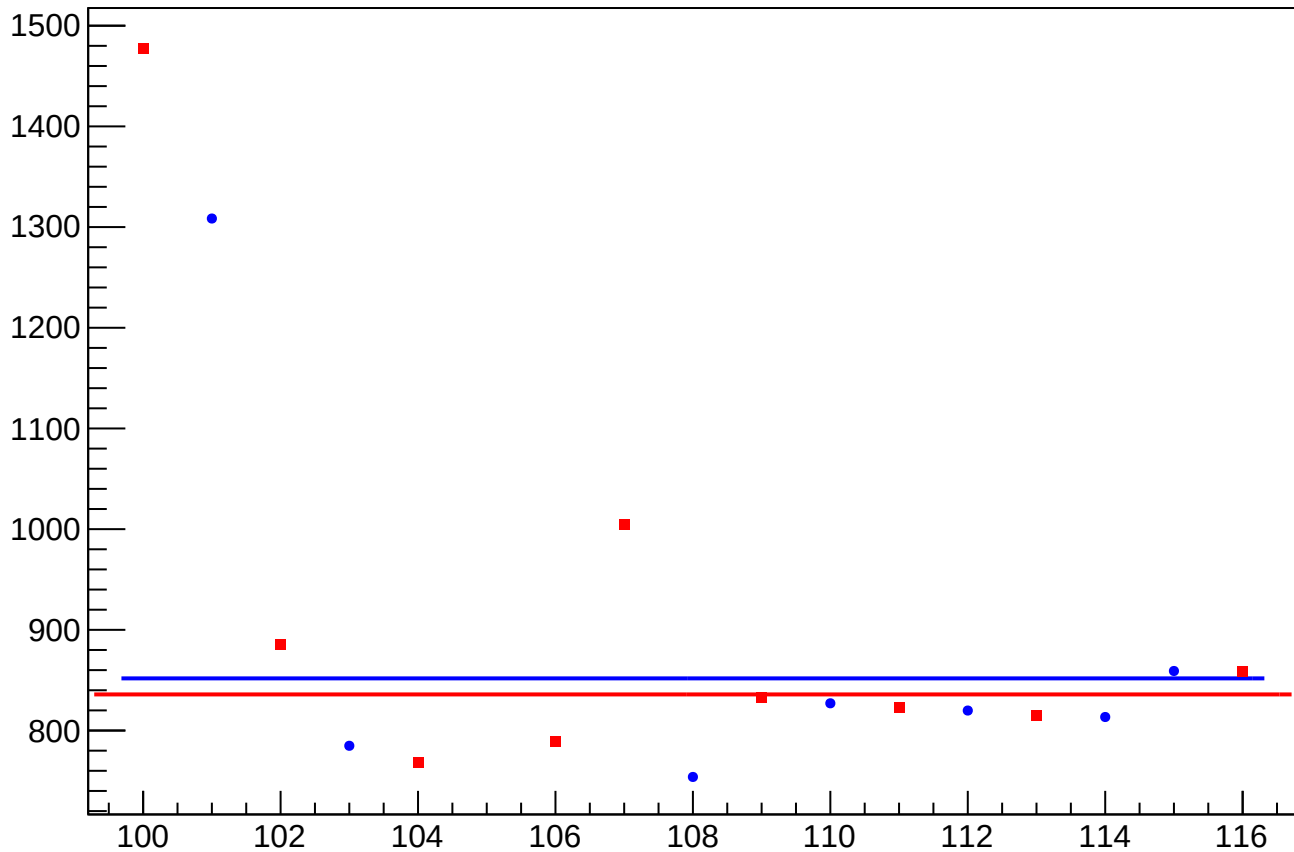
Right: -369.117+/-344.746 χ^2 /NDF: 22.2/15

In: -207.162+/-521.787 χ^2 /NDF:5.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -369.117+/-344.746 χ^2 /NDF: 22.2/15

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.793+/-0.369 χ^2/NDF : 182743.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 835.863+/-0.321 χ^2/NDF : 55734.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

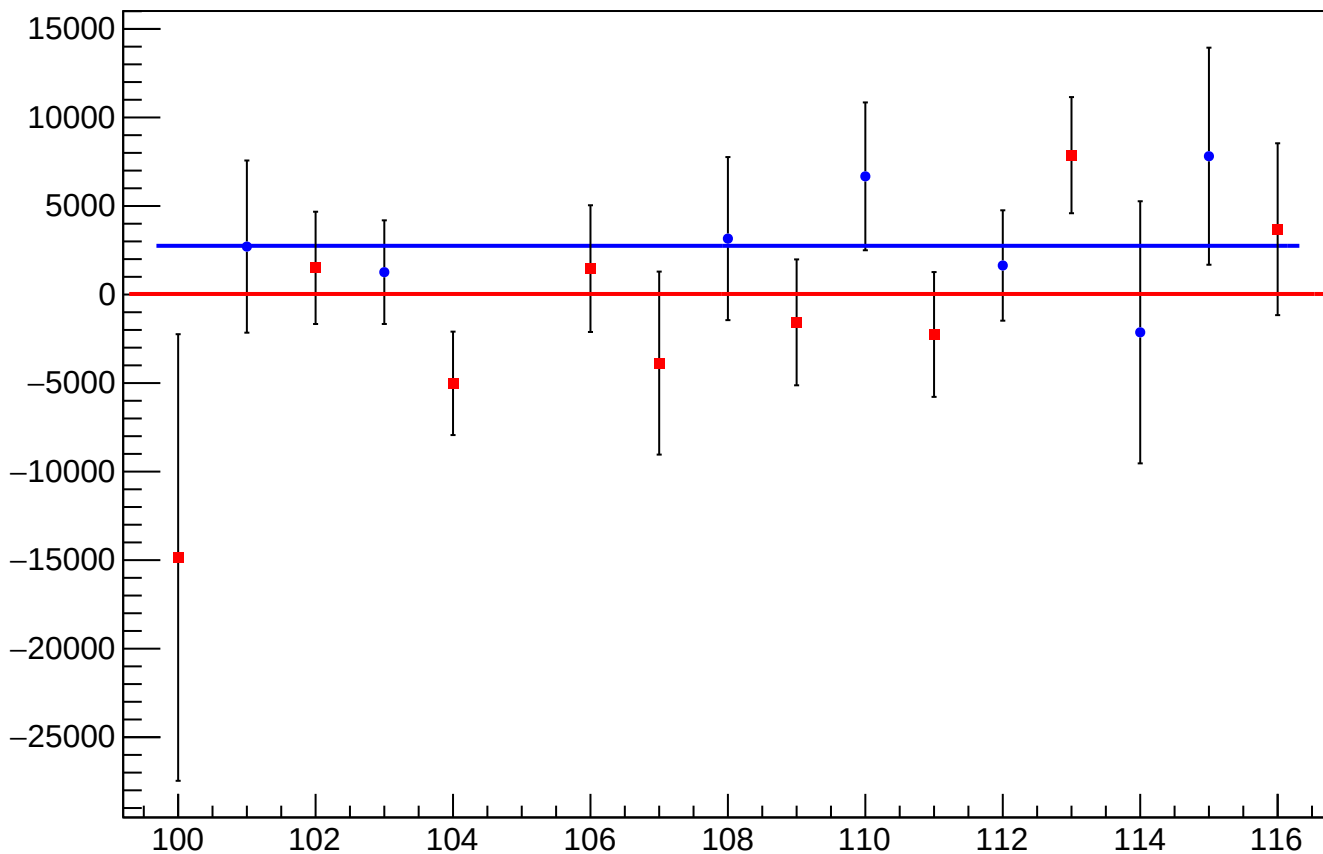
Right: 842.735+/-0.242 χ^2/NDF : 239538.1/15

In: 851.793+/-0.369 χ^2/NDF : 182743.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.735+/-0.242 χ^2/NDF : 239538.1/15

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2751.622+/-1559.145 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.907+/-1256.346 χ^2/NDF : 12.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

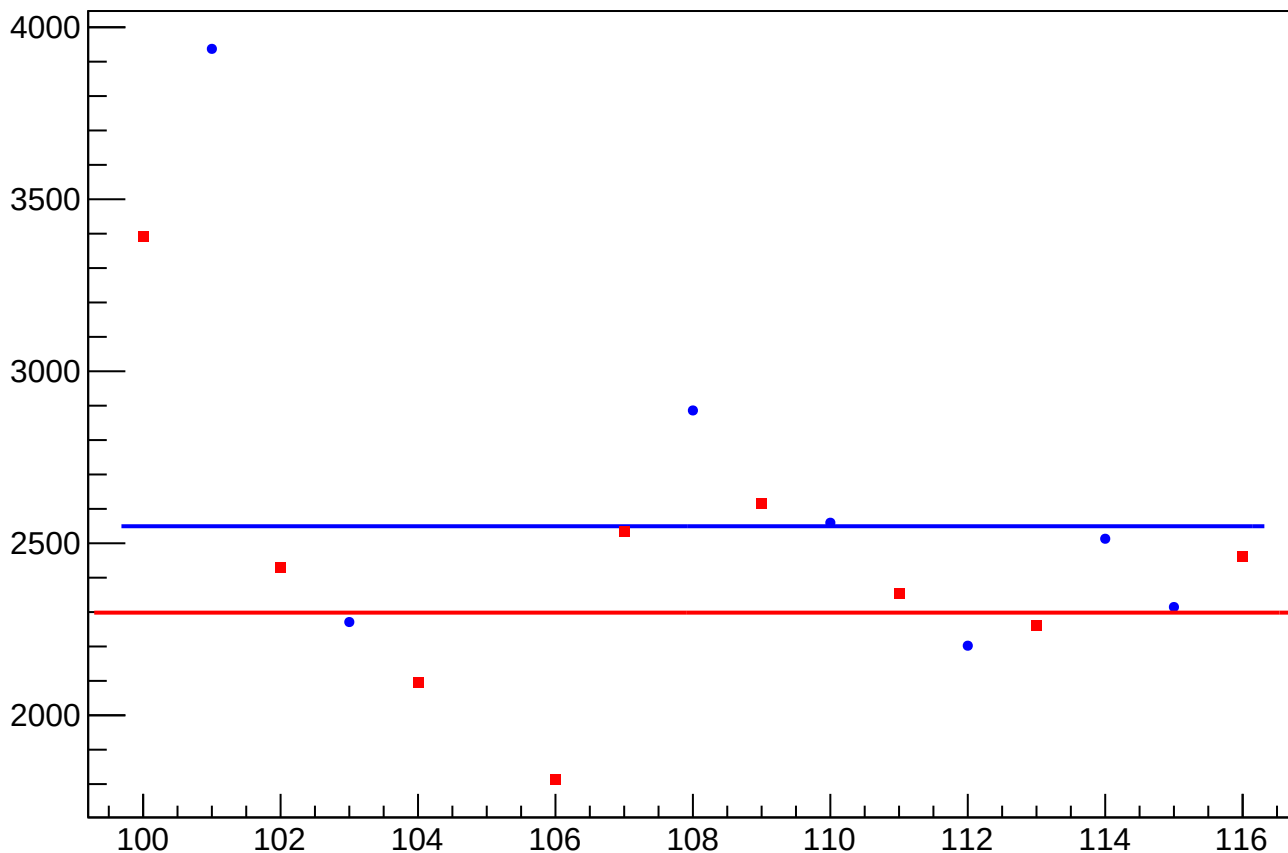
Right: 1102.611+/-978.271 χ^2/NDF : 16.5/15

In: 2751.622+/-1559.145 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.611+/-978.271 χ^2/NDF : 16.5/15

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2549.528+/-1.102 χ^2/NDF : 219513.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2298.400+/-0.888 χ^2/NDF : 88380.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

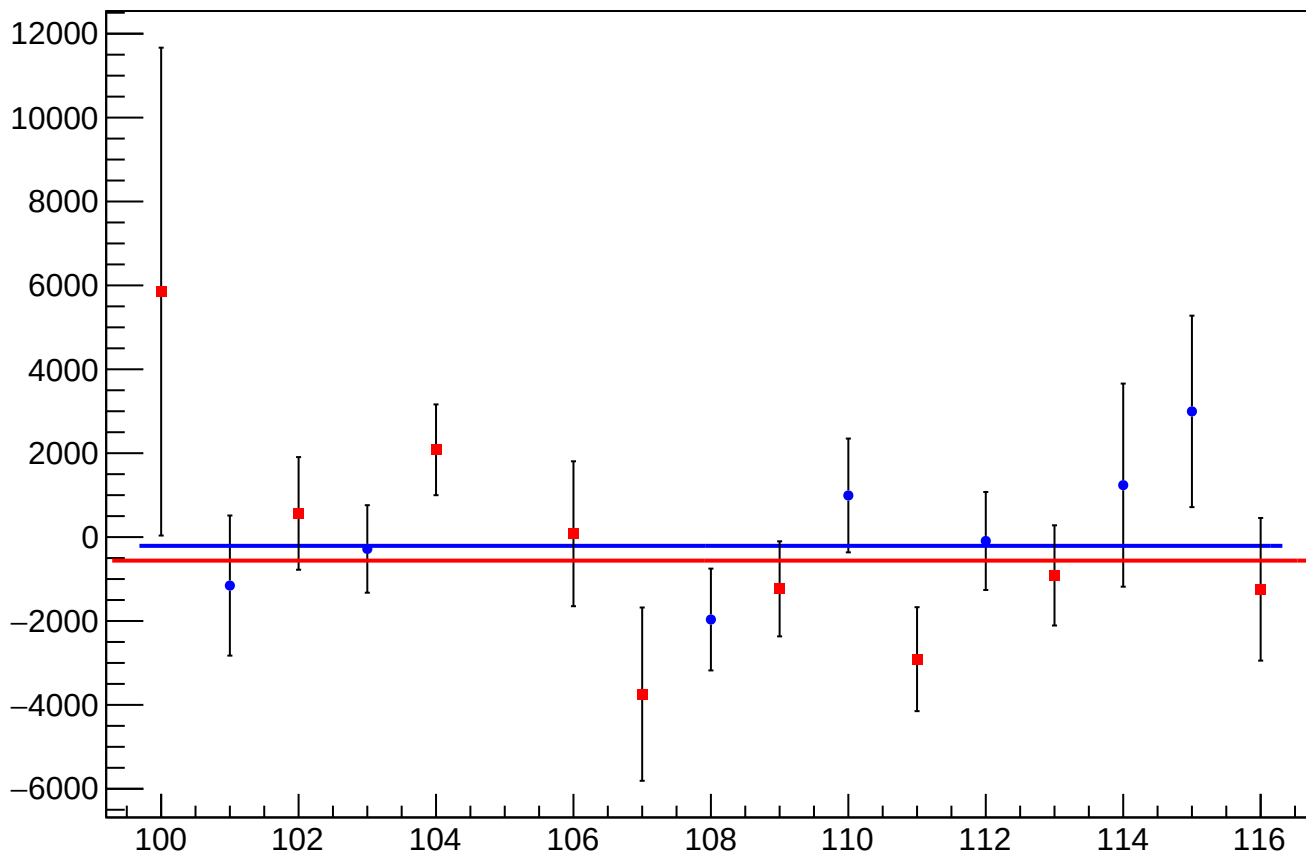
Right: 2397.264+/-0.692 χ^2/NDF : 339352.6/15

In: 2549.528+/-1.102 χ^2/NDF : 219513.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.264+/-0.692 χ^2/NDF : 339352.6/15

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -208.681+/-527.371 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -560.847+/-472.192 χ^2/NDF : 14.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

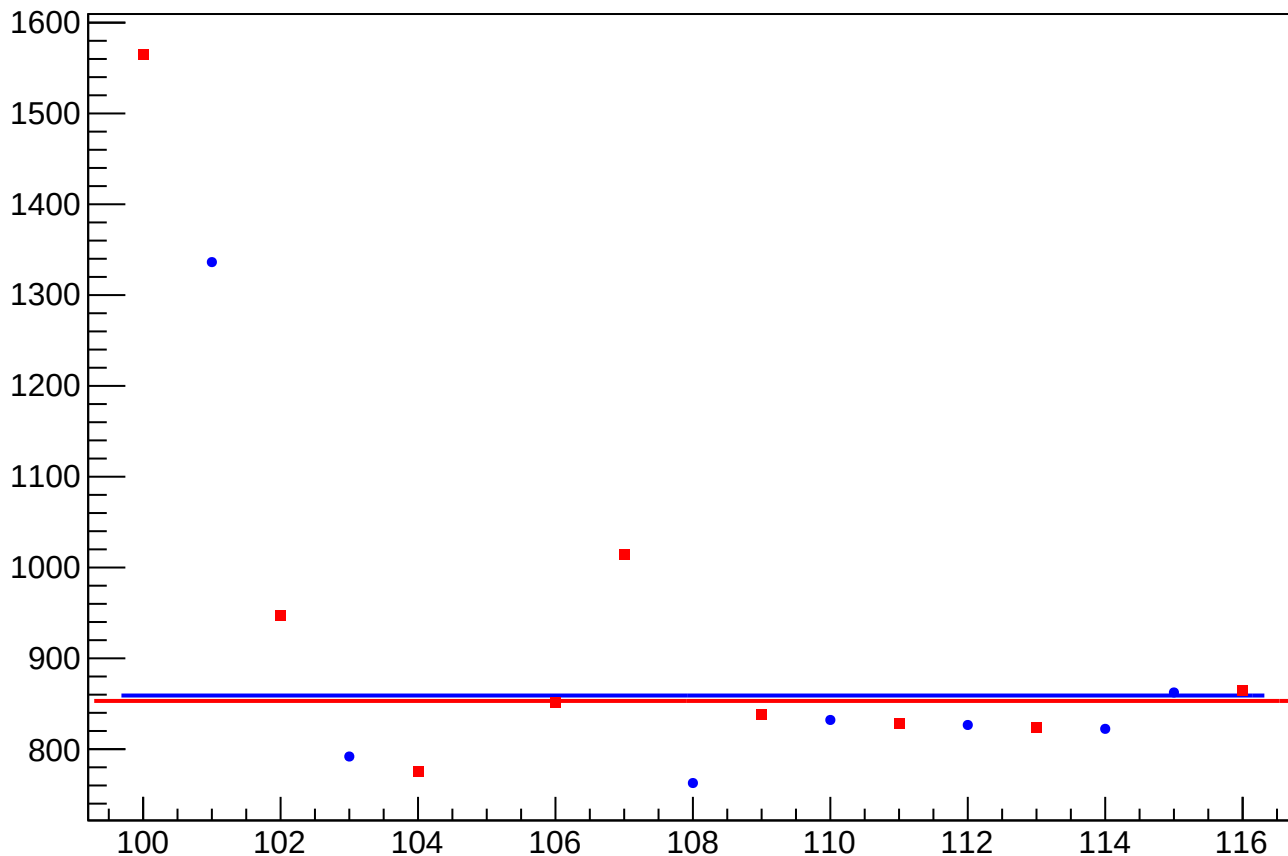
Right: -404.146+/-351.787 χ^2/NDF : 20.4/15

In: -208.681+/-527.371 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.146+/-351.787 χ^2/NDF : 20.4/15

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 859.056+/-0.373 χ^2/NDF : 187052.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.099+/-0.333 χ^2/NDF : 64801.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

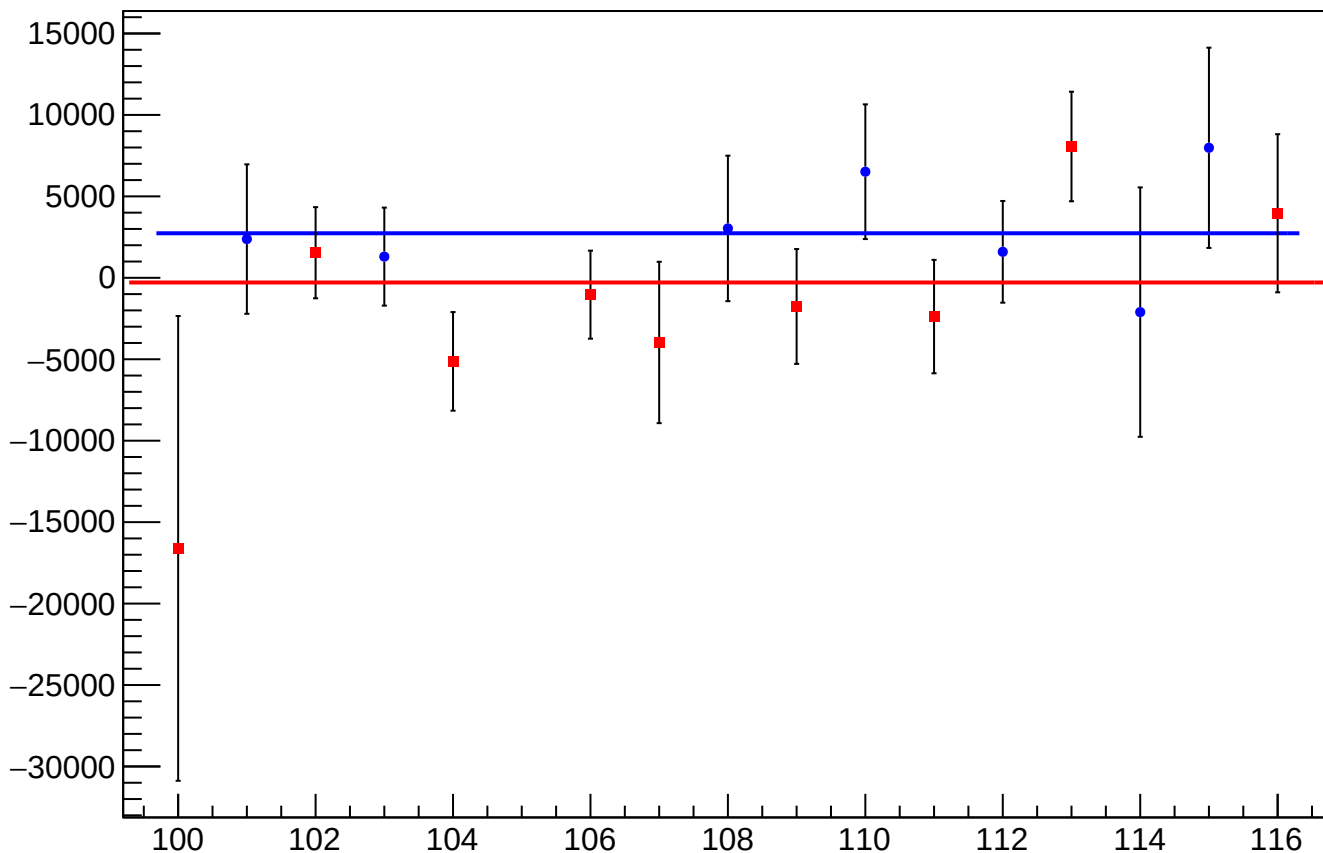
Right: 855.744+/-0.248 χ^2/NDF : 251996.2/15

In: 859.056+/-0.373 χ^2/NDF : 187052.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.744+/-0.248 χ^2/NDF : 251996.2/15

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2734.562+/-1556.558 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.307+/-1184.129 χ^2/NDF : 12.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

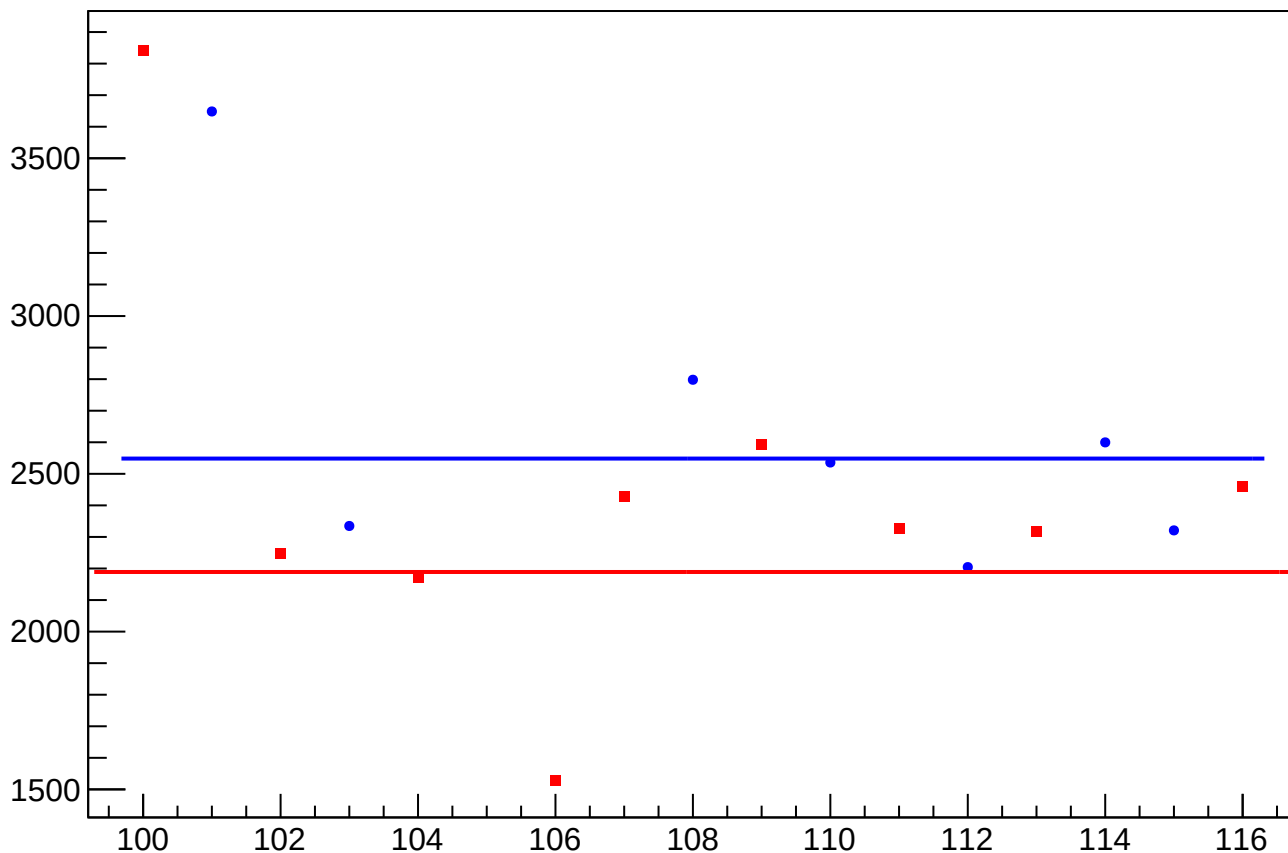
Right: 820.434+/-942.425 χ^2/NDF : 17.1/15

In: 2734.562+/-1556.558 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 820.434+/-942.425 χ^2/NDF : 17.1/15

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2548.359+/-1.101 χ^2/NDF : 158422.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.945+/-0.837 χ^2/NDF : 190231.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

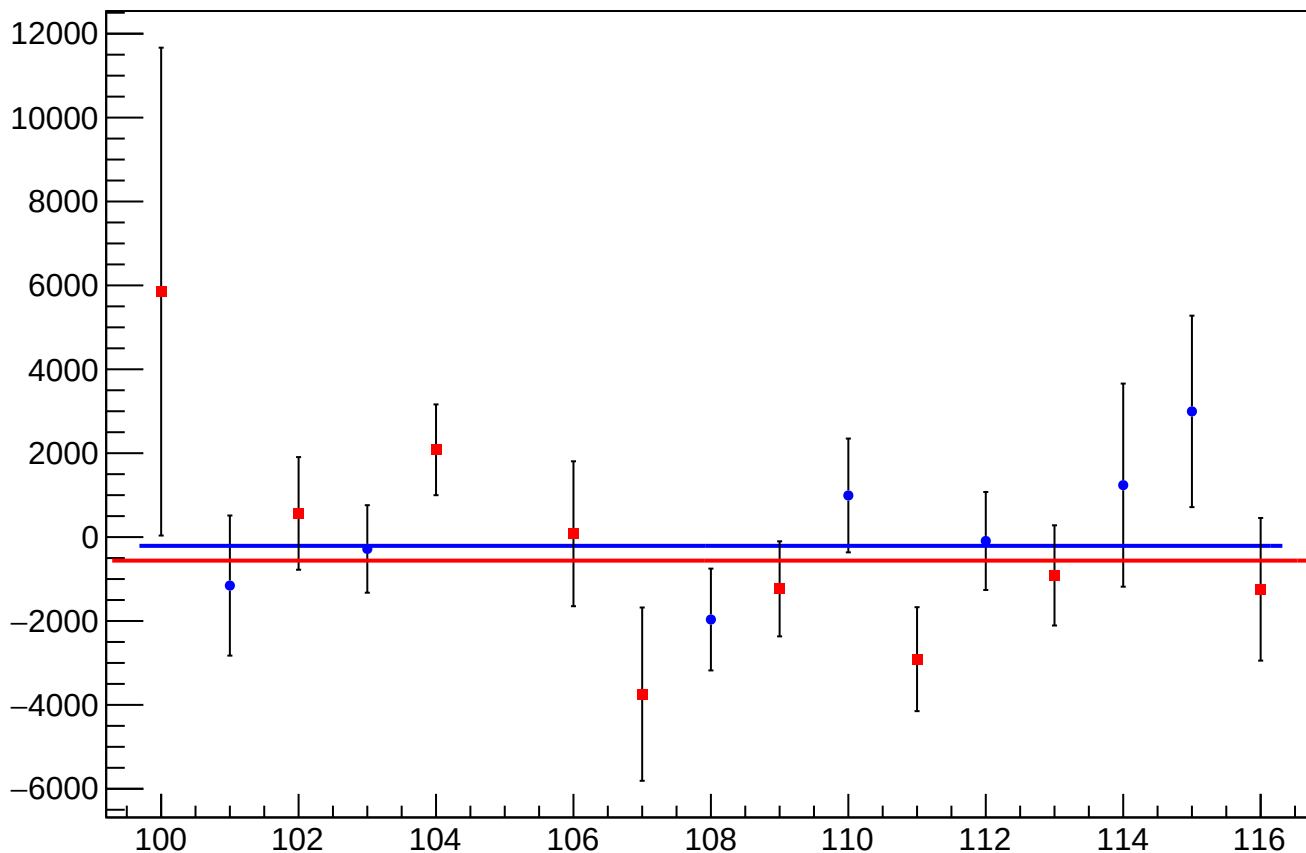
Right: 2320.698+/-0.666 χ^2/NDF : 416197.0/15

In: 2548.359+/-1.101 χ^2/NDF : 158422.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.698+/-0.666 χ^2/NDF : 416197.0/15

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -208.690+/-527.371 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -560.857+/-472.192 χ^2/NDF : 14.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

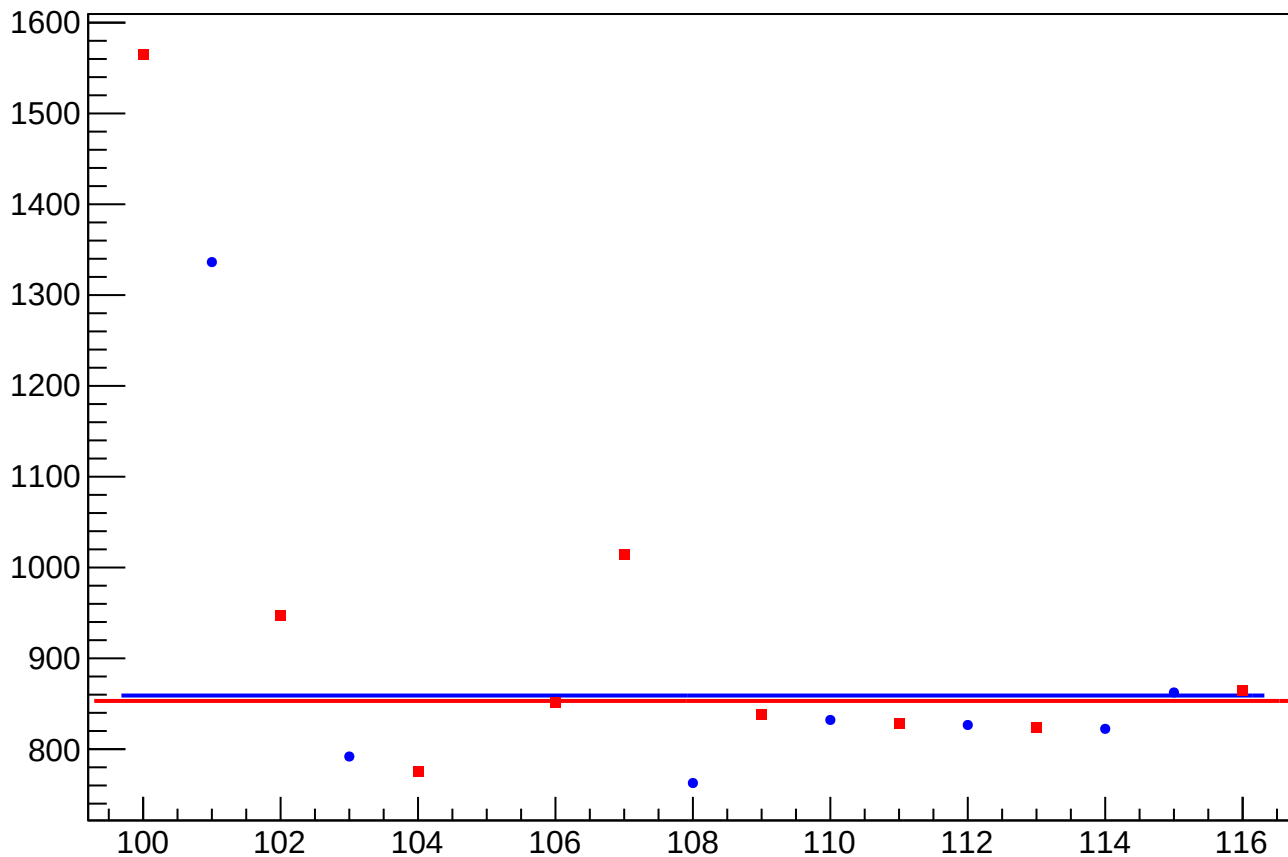
Right: -404.155+/-351.787 χ^2/NDF : 20.4/15

In: -208.690+/-527.371 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.155+/-351.787 χ^2/NDF : 20.4/15

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 859.056+/-0.373 χ^2/NDF : 187051.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.099+/-0.333 χ^2/NDF : 64801.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

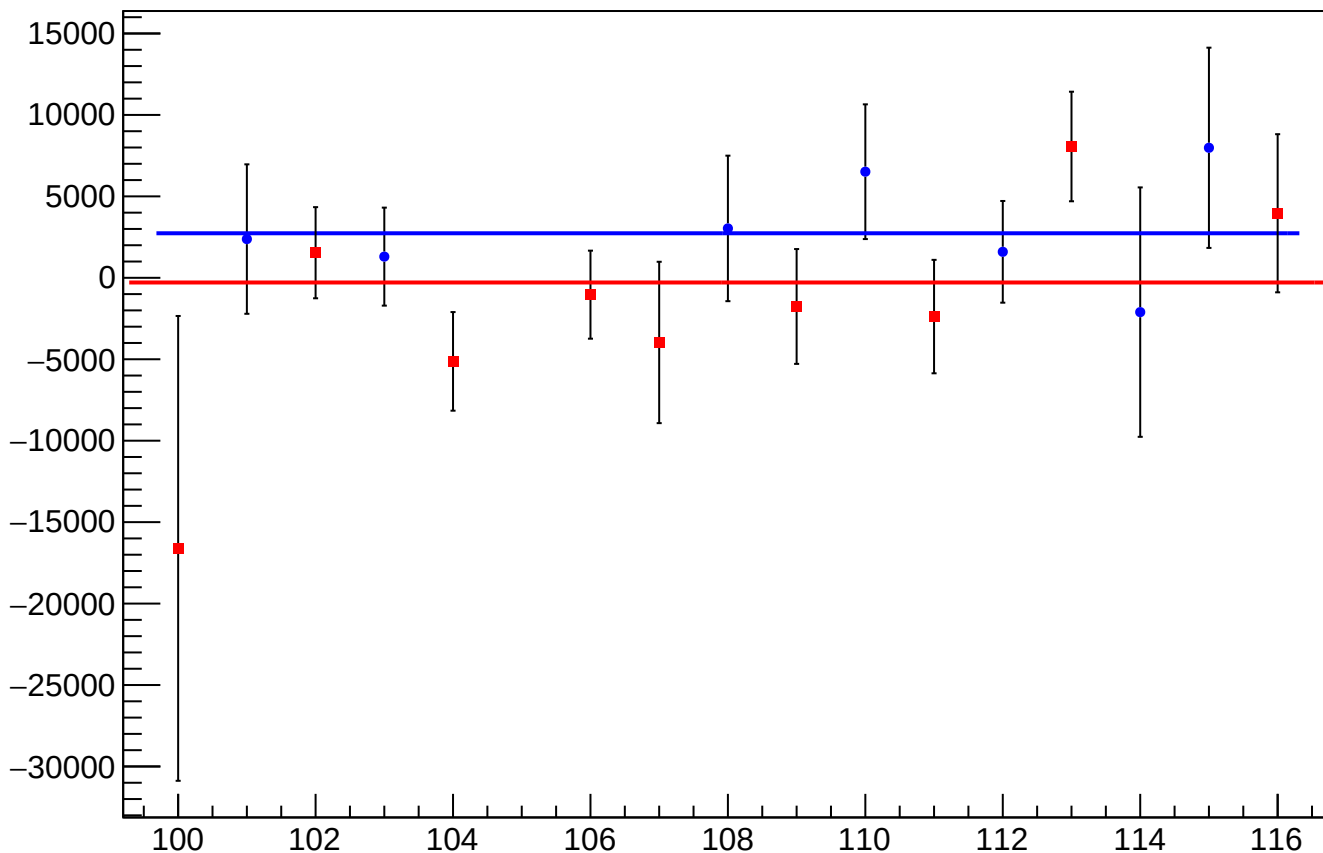
Right: 855.744+/-0.248 χ^2/NDF : 251995.5/15

In: 859.056+/-0.373 χ^2/NDF : 187051.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.744+/-0.248 χ^2/NDF : 251995.5/15

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2734.558 $\pm$ 1556.554 χ^2 /NDF: 2.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -287.308 $\pm$ 1184.126 χ^2 /NDF: 12.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

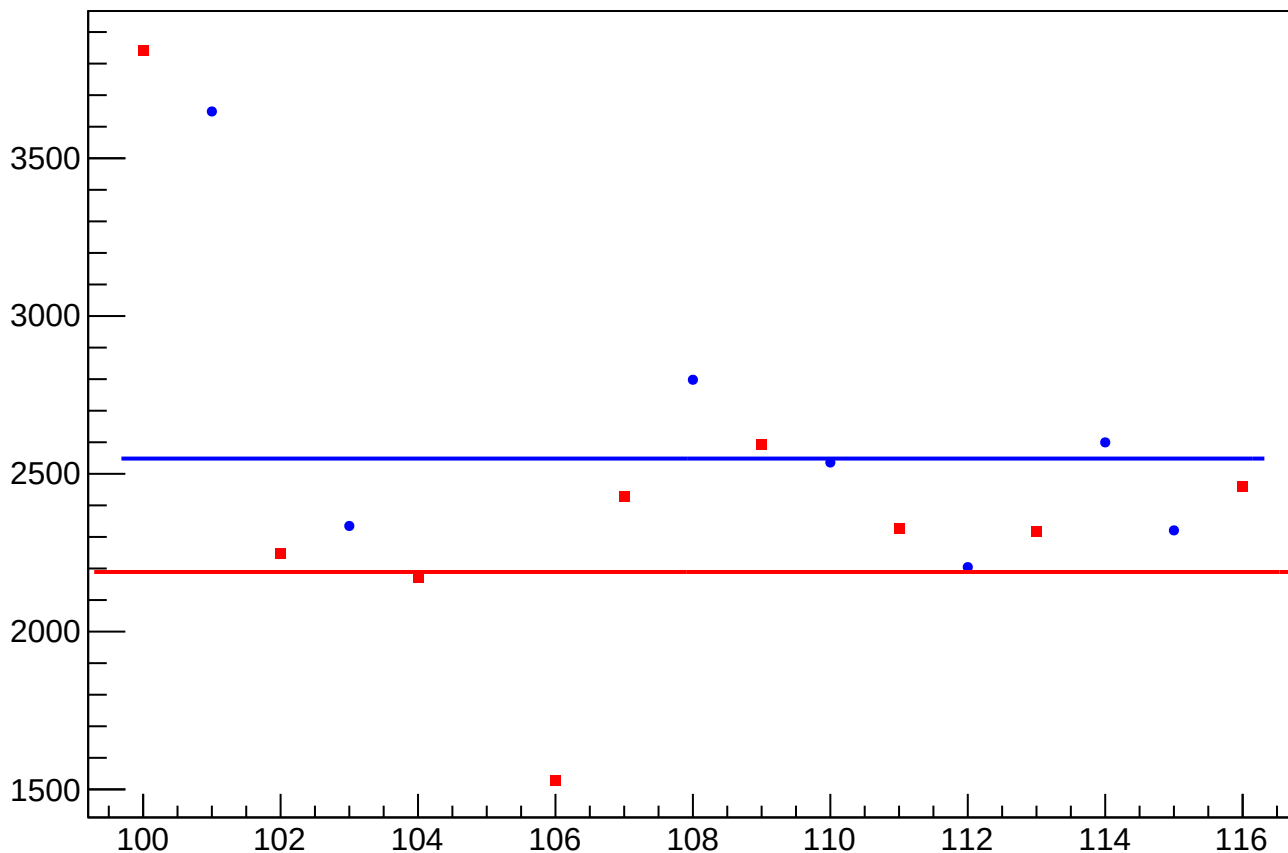
Right: 820.433 $\pm$ 942.422 χ^2 /NDF: 17.1/15

In: 2734.558 $\pm$ 1556.554 χ^2 /NDF:2.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 820.433 $\pm$ 942.422 χ^2 /NDF: 17.1/15

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2548.353+/-1.101 χ^2/NDF : 158422.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.940+/-0.837 χ^2/NDF : 190233.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

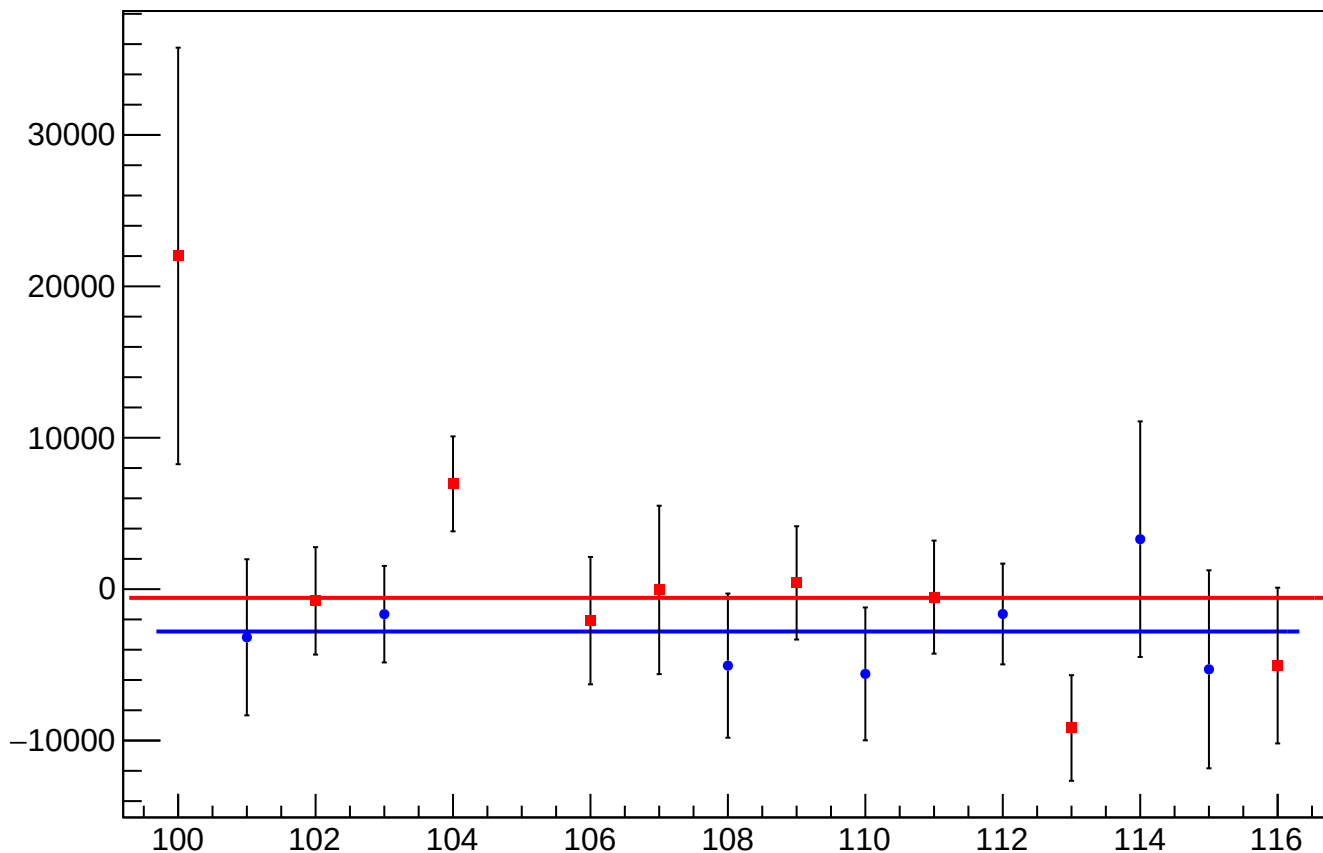
Right: 2320.692+/-0.666 χ^2/NDF : 416199.4/15

In: 2548.353+/-1.101 χ^2/NDF : 158422.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.692+/-0.666 χ^2/NDF : 416199.4/15

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -2796.934+/-1661.350 χ^2/NDF : 1.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -574.971+/-1362.801 χ^2/NDF : 15.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

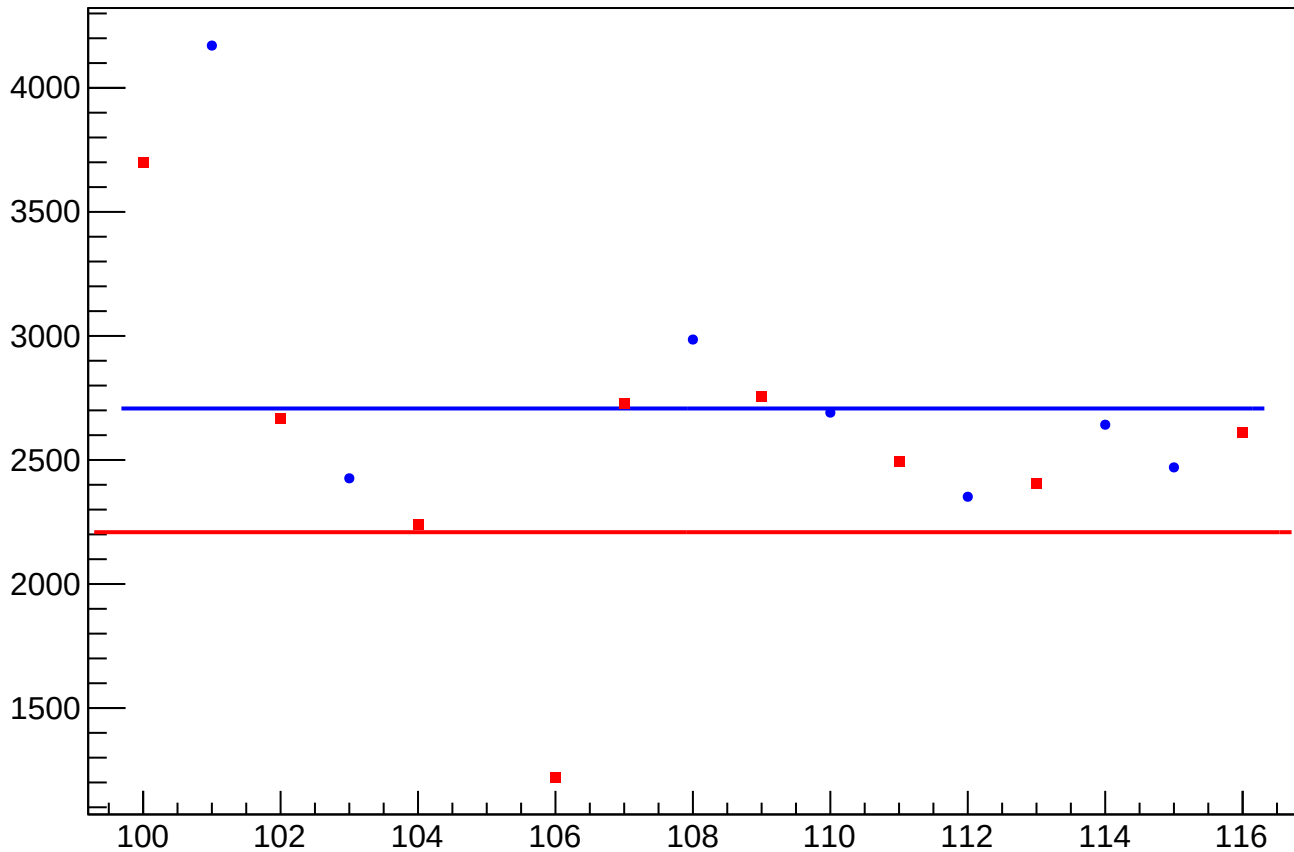
Right: -1468.714+/-1053.657 χ^2/NDF : 18.2/15

In: -2796.934+/-1661.350 χ^2/NDF : 1.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1468.714+/-1053.657 χ^2/NDF : 18.2/15

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2707.592+/-1.175 χ^2/NDF : 209234.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.876+/-0.885 χ^2/NDF : 454475.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

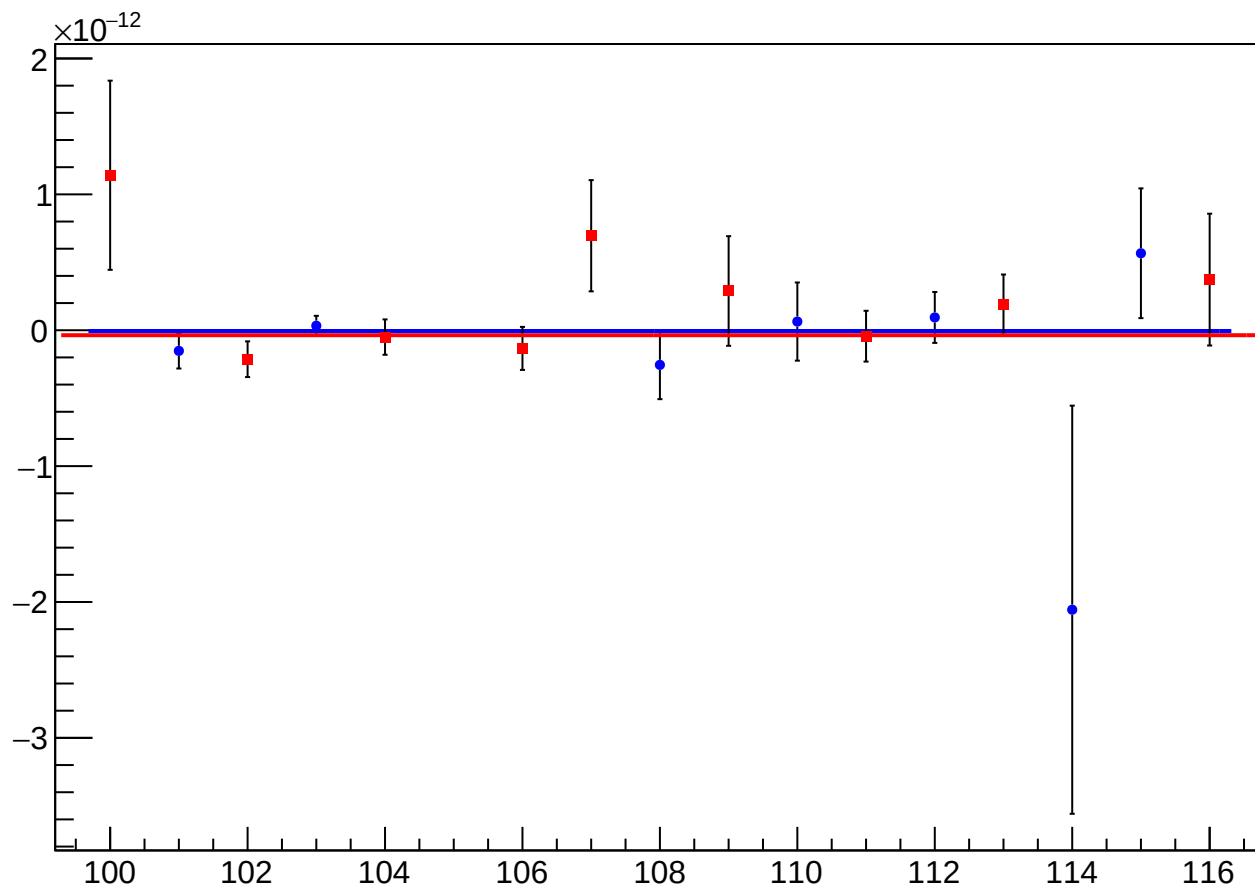
Right: 2389.350+/-0.707 χ^2/NDF : 778716.1/15

In: 2707.592+/-1.175 χ^2/NDF : 209234.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2389.350+/-0.707 χ^2/NDF : 778716.1/15

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

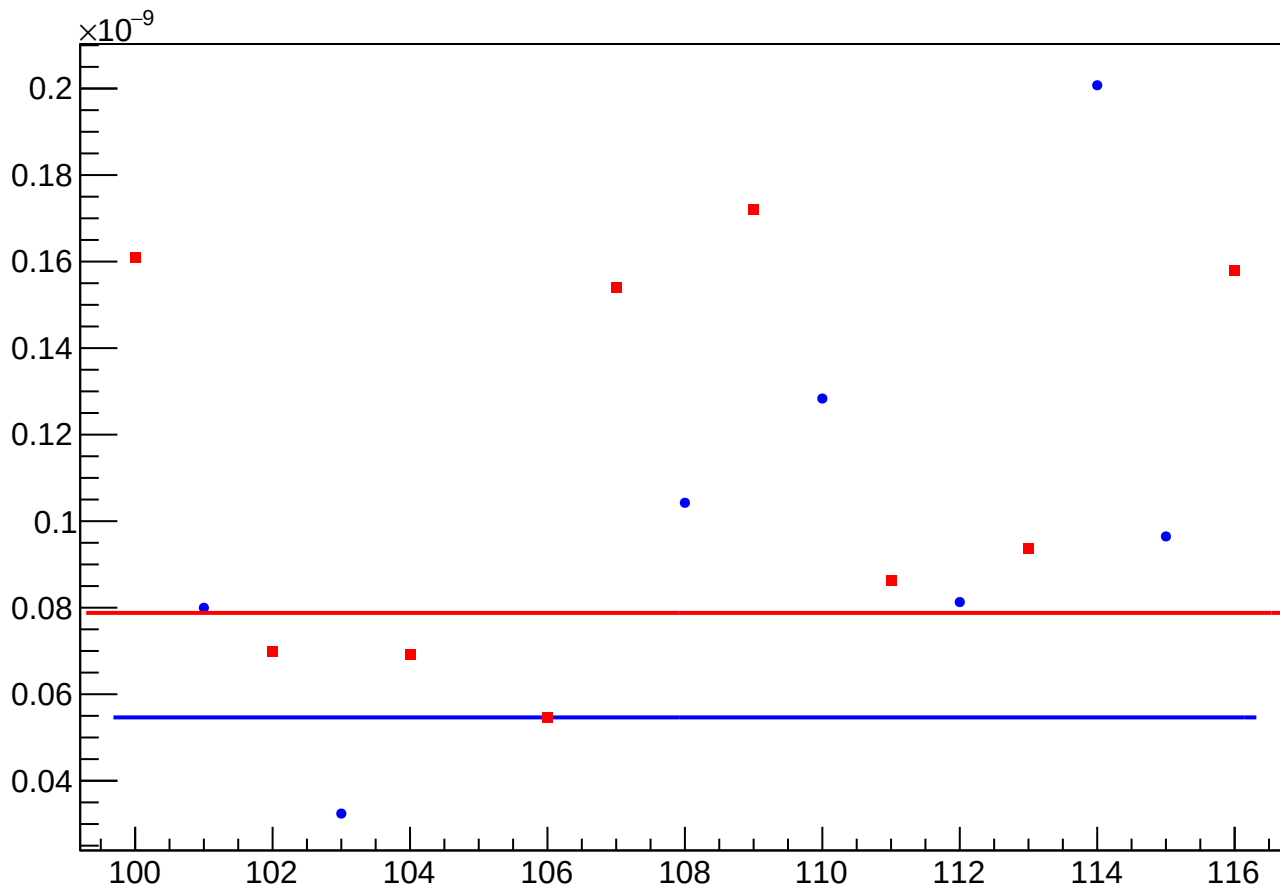
Right: -0.000+/-0.000 χ^2/NDF : 16.9/15

In: -0.000+/-0.000 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/15

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 545693.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 334640.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

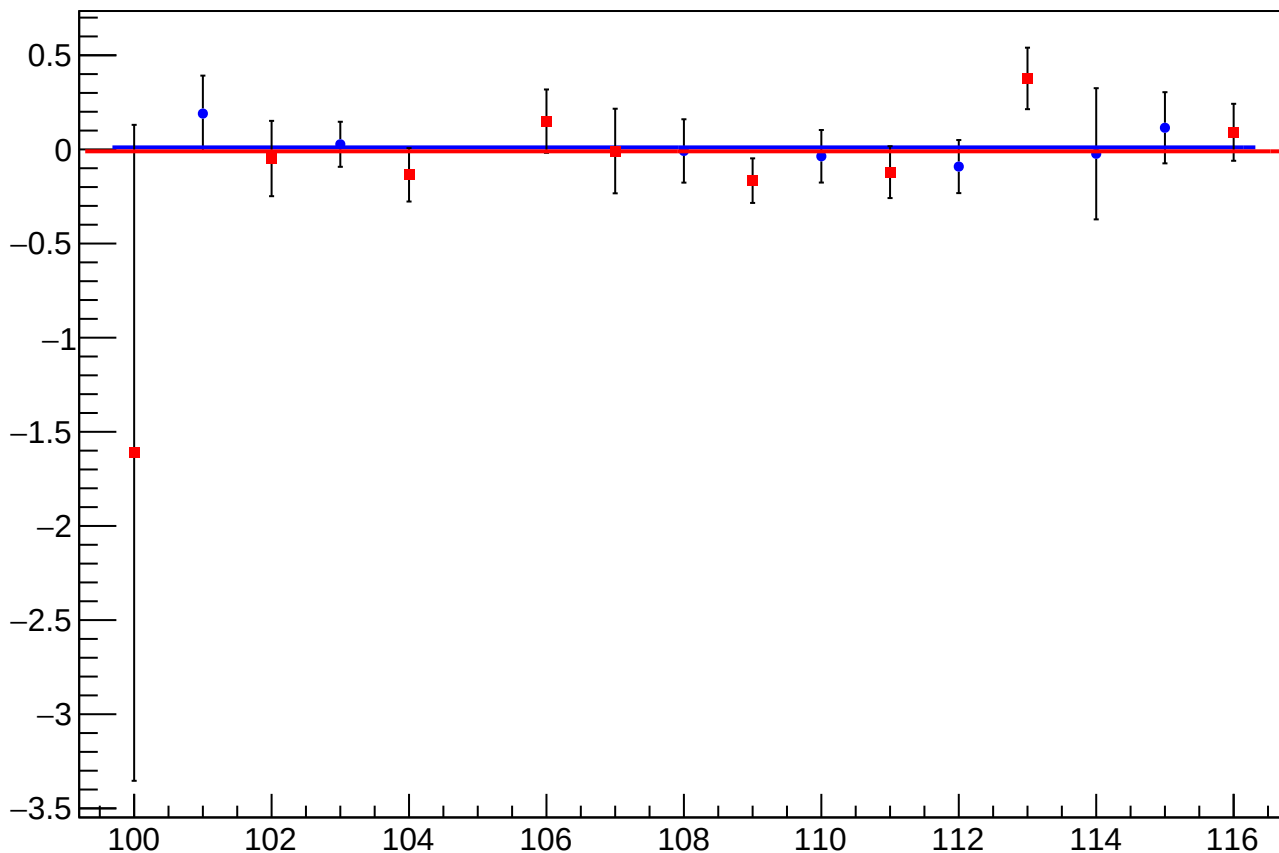
Right: 0.000+/-0.000 χ^2/NDF : 1031936.1/15

In: 0.000+/-0.000 χ^2/NDF : 545693.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1031936.1/15

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.061 χ^2/NDF : 1.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.055 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

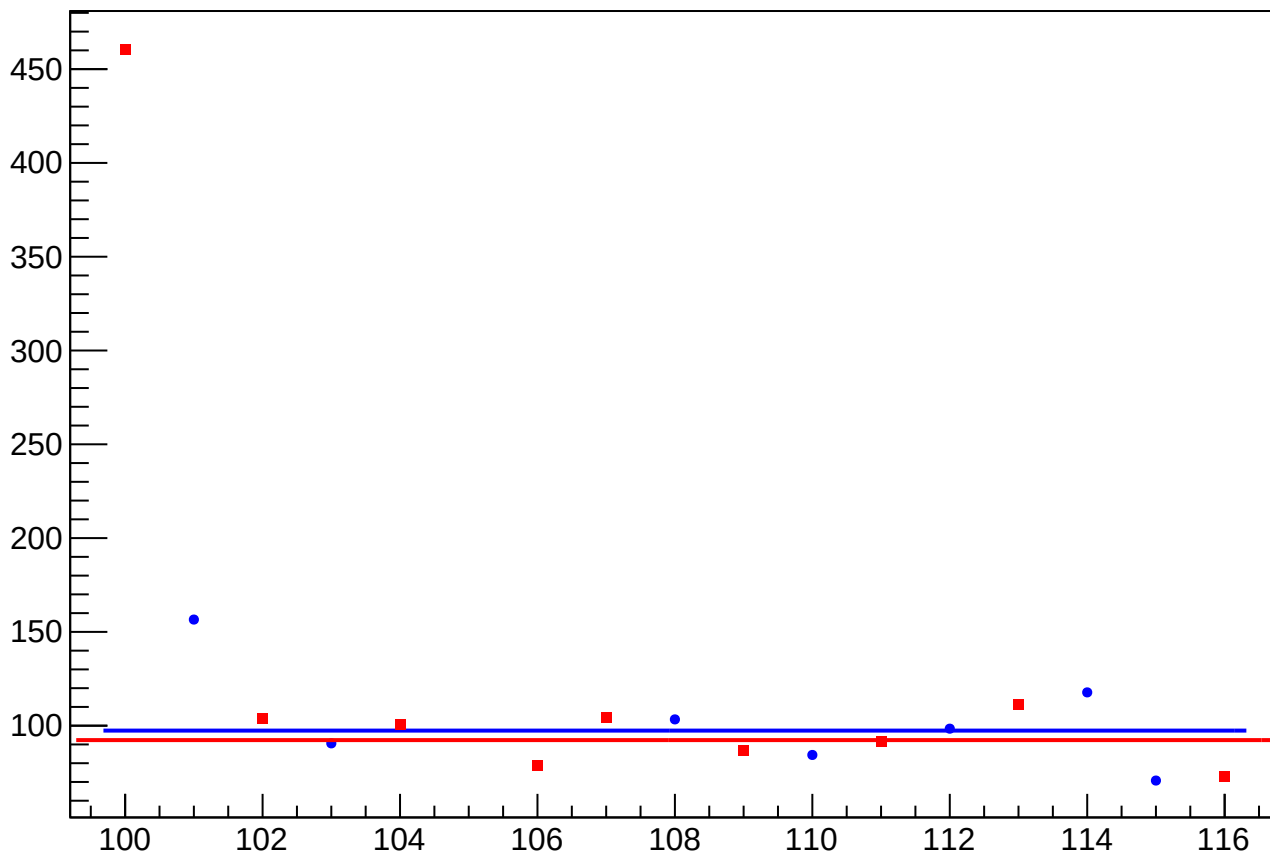
Right: -0.001+/-0.041 χ^2/NDF : 12.8/15

In: 0.011+/-0.061 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.041 χ^2/NDF : 12.8/15

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.383+/-0.043 χ^2/NDF : 245403.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.315+/-0.039 χ^2/NDF : 184589.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

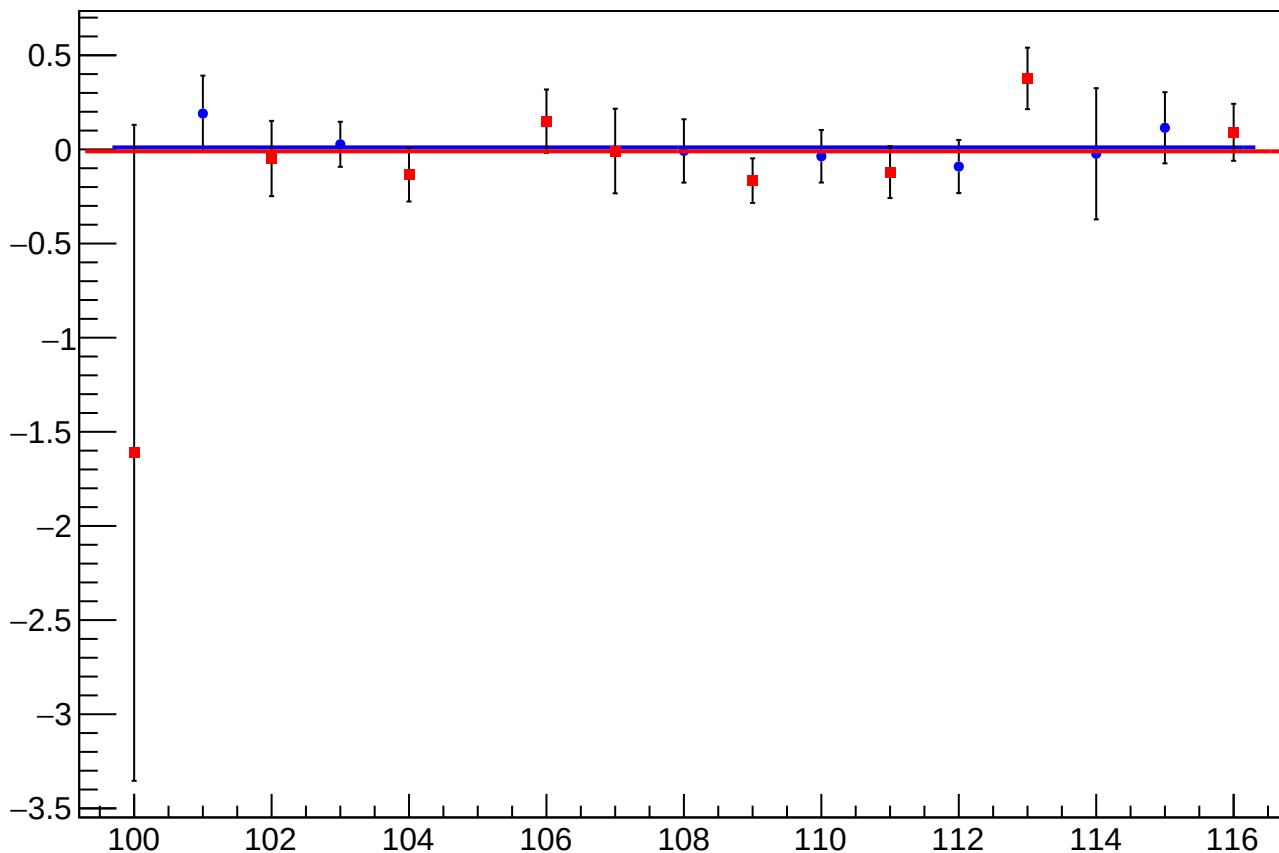
Right: 94.565+/-0.029 χ^2/NDF : 437639.7/15

In: 97.383+/-0.043 χ^2/NDF : 245403.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.565+/-0.029 χ^2/NDF : 437639.7/15

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.061 χ^2 /NDF: 1.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.055 χ^2 /NDF: 11.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

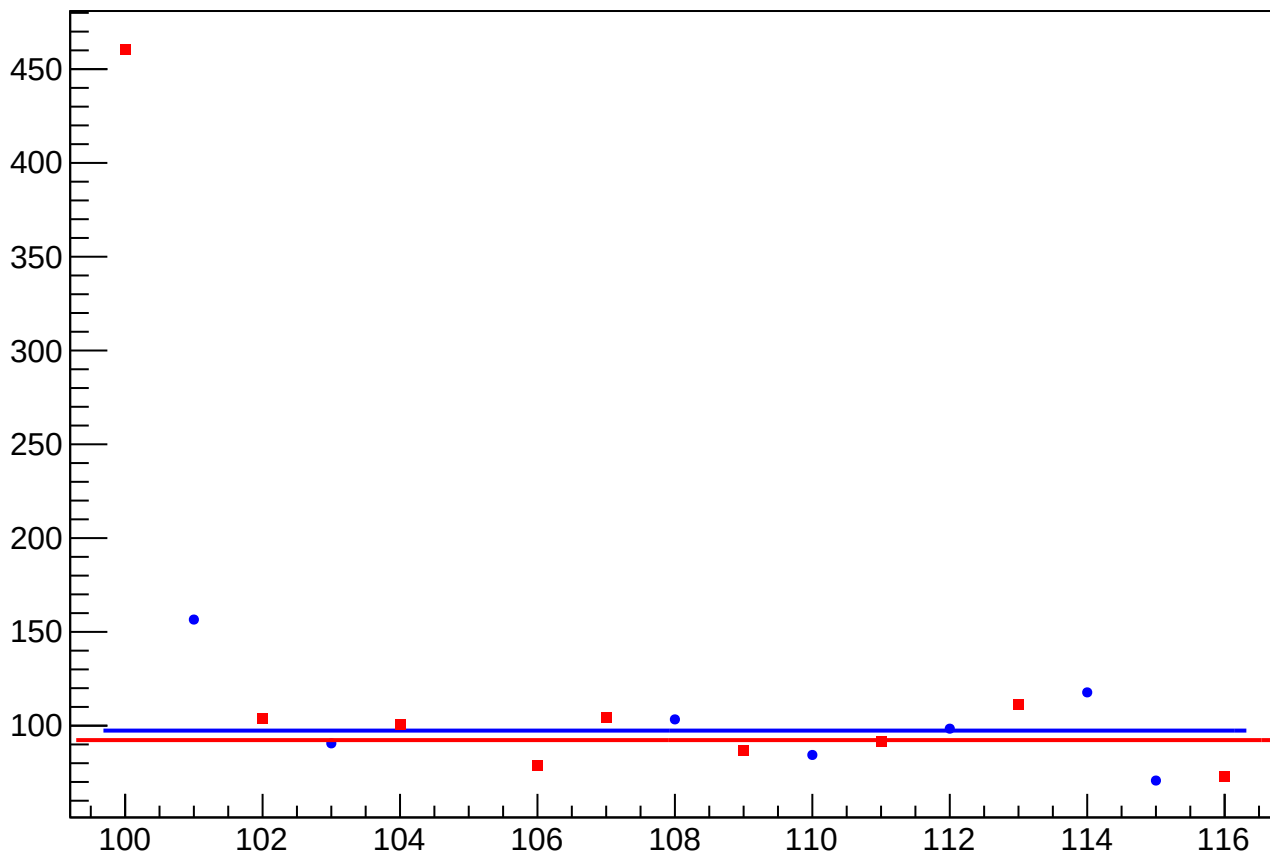
Right: -0.001 $\pm$ 0.041 χ^2 /NDF: 12.8/15

In: 0.011 $\pm$ 0.061 χ^2 /NDF:1.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.041 χ^2 /NDF: 12.8/15

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.383+/-0.043 χ^2/NDF : 245403.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.315+/-0.039 χ^2/NDF : 184589.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

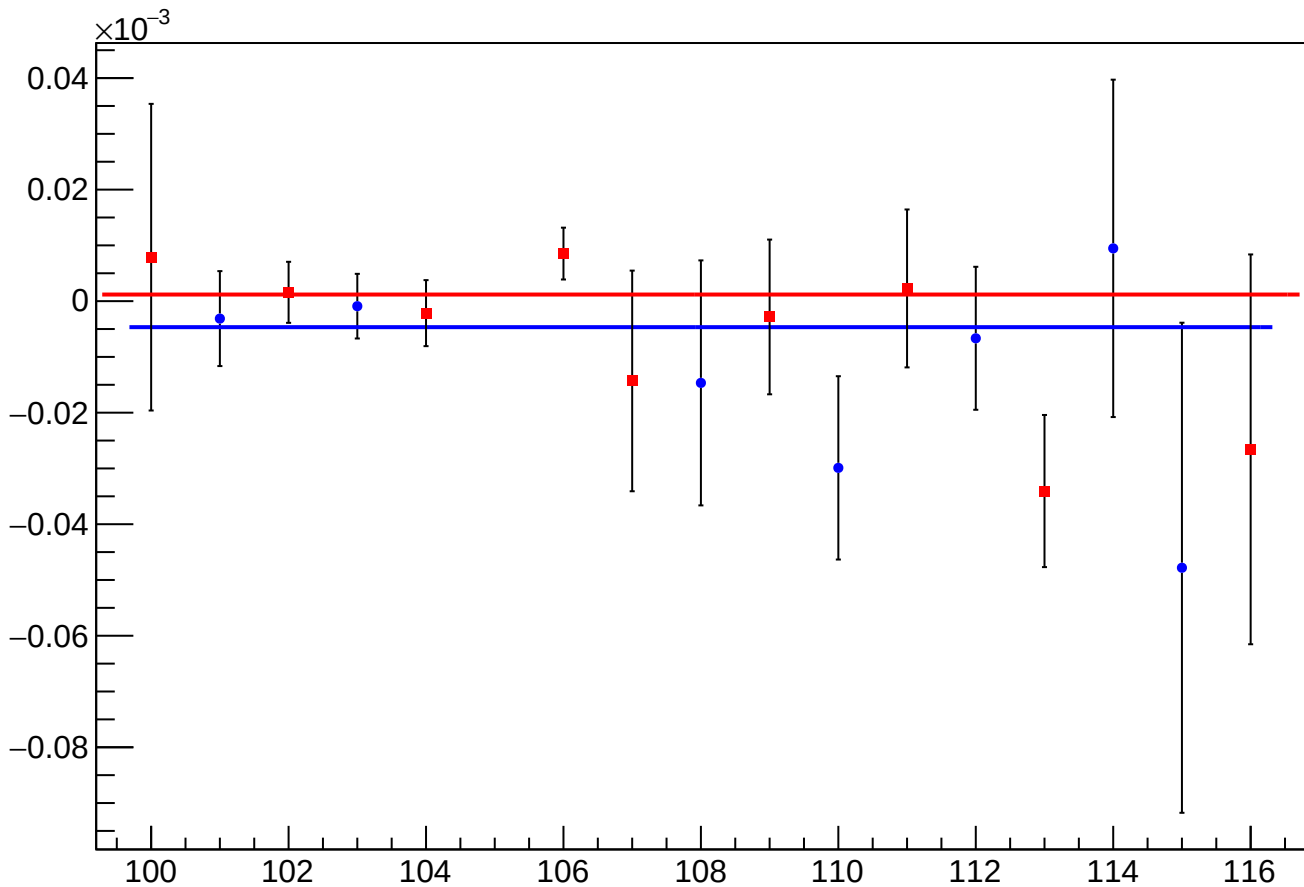
Right: 94.565+/-0.029 χ^2/NDF : 437639.7/15

In: 97.383+/-0.043 χ^2/NDF : 245403.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.565+/-0.029 χ^2/NDF : 437639.7/15

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

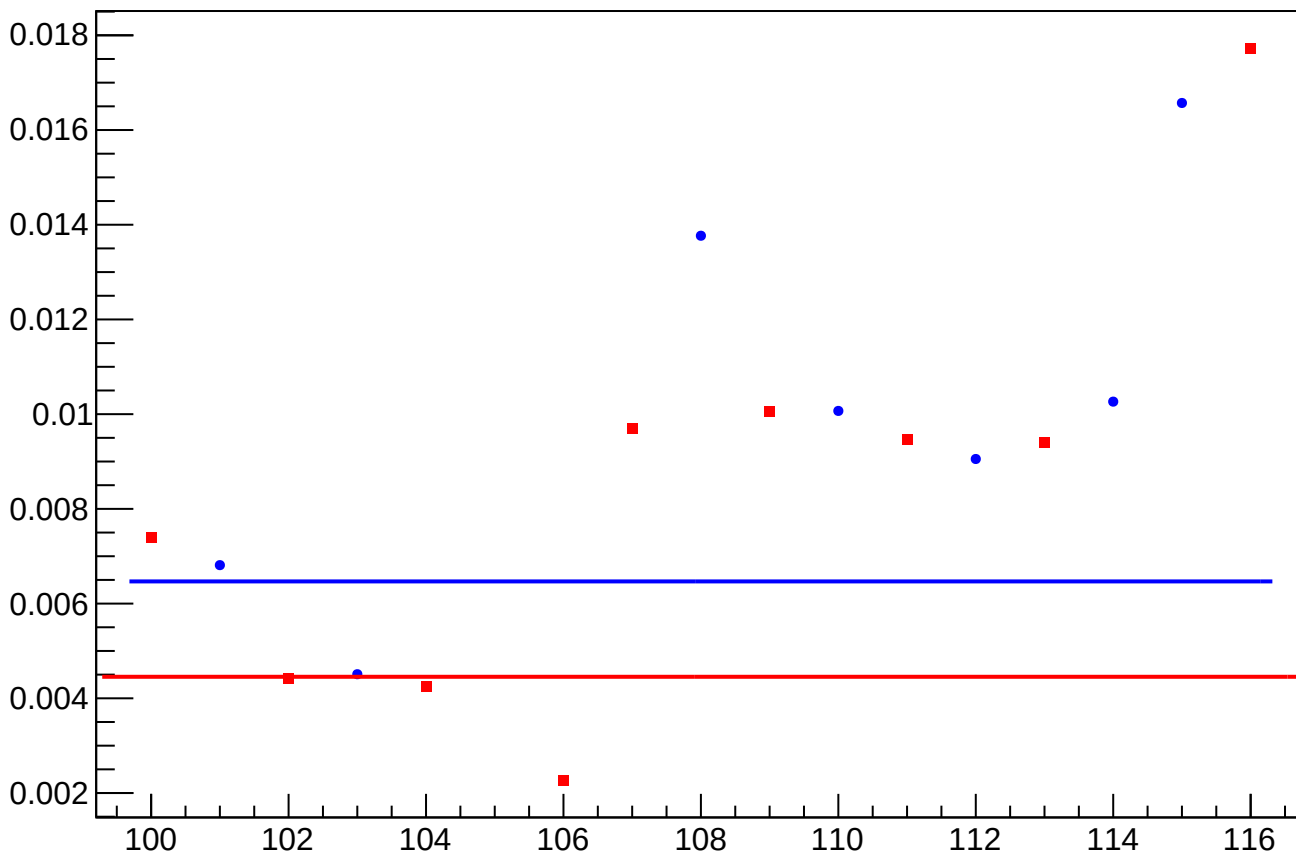
Right: -0.000+/-0.000 χ^2/NDF : 16.5/15

In: -0.000+/-0.000 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/15

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 767067.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1737718.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

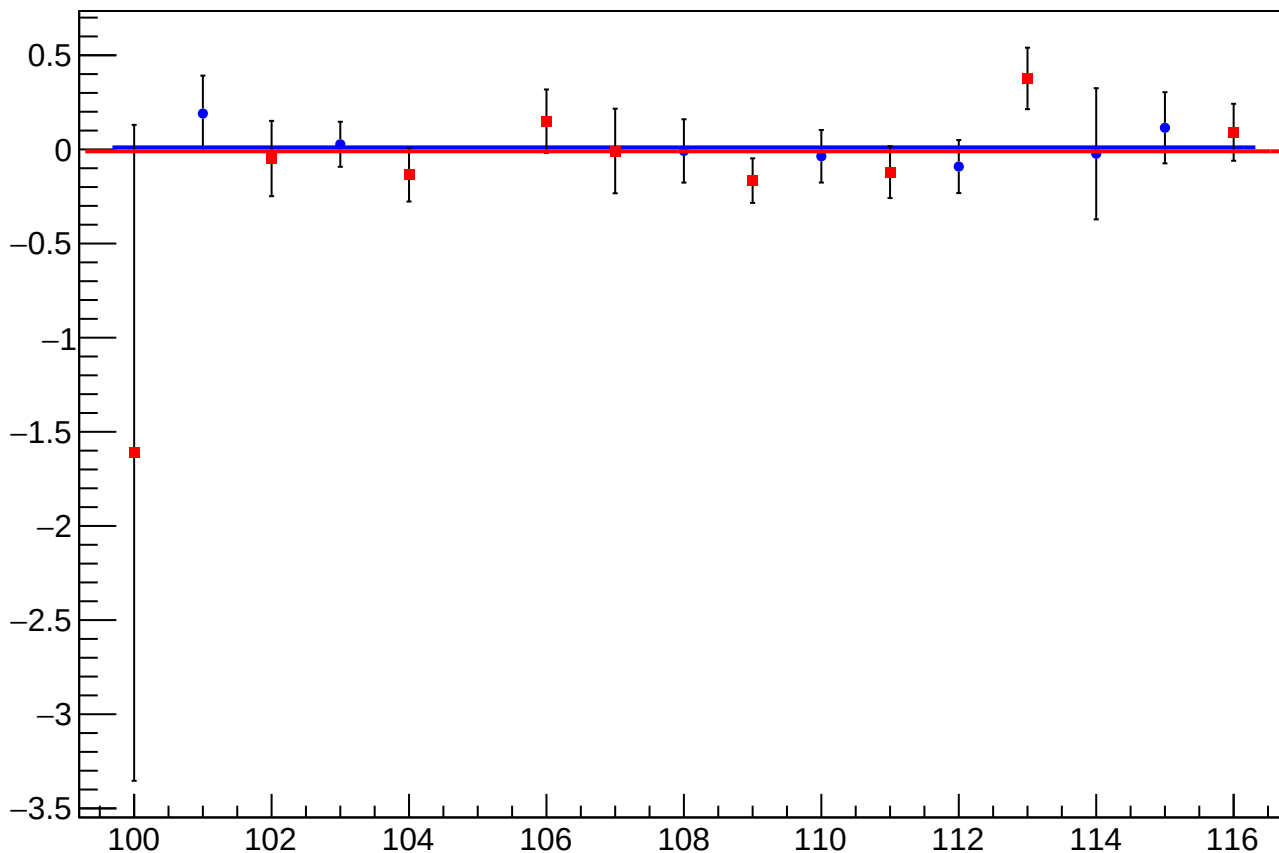
Right: 0.005+/-0.000 χ^2/NDF : 2825118.1/15

In: 0.006+/-0.000 χ^2/NDF : 767067.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2825118.1/15

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.061 χ^2 /NDF: 1.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.055 χ^2 /NDF: 11.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

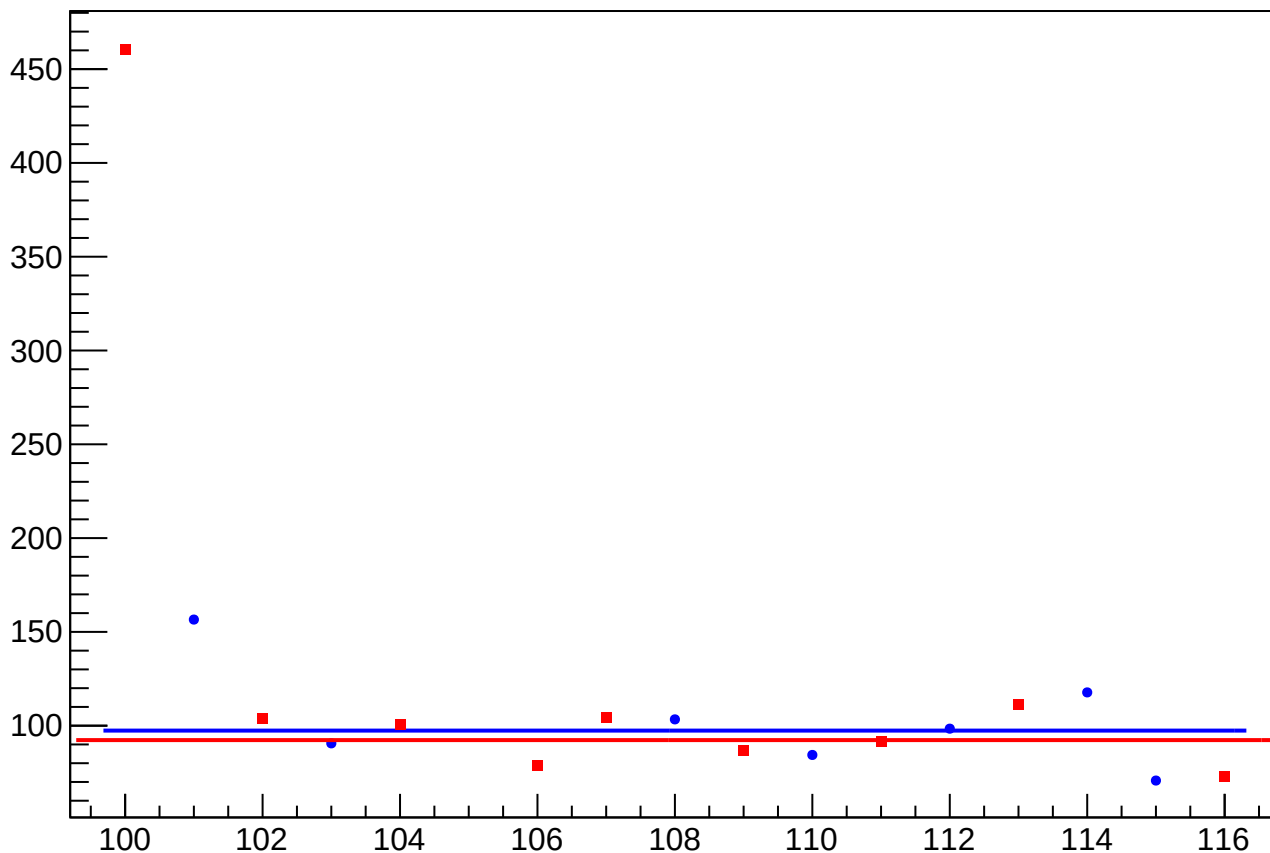
Right: -0.001 $\pm$ 0.041 χ^2 /NDF: 12.8/15

In: 0.011 $\pm$ 0.061 χ^2 /NDF:1.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.041 χ^2 /NDF: 12.8/15

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.386+/-0.043 χ^2/NDF : 245374.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.318+/-0.039 χ^2/NDF : 184544.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

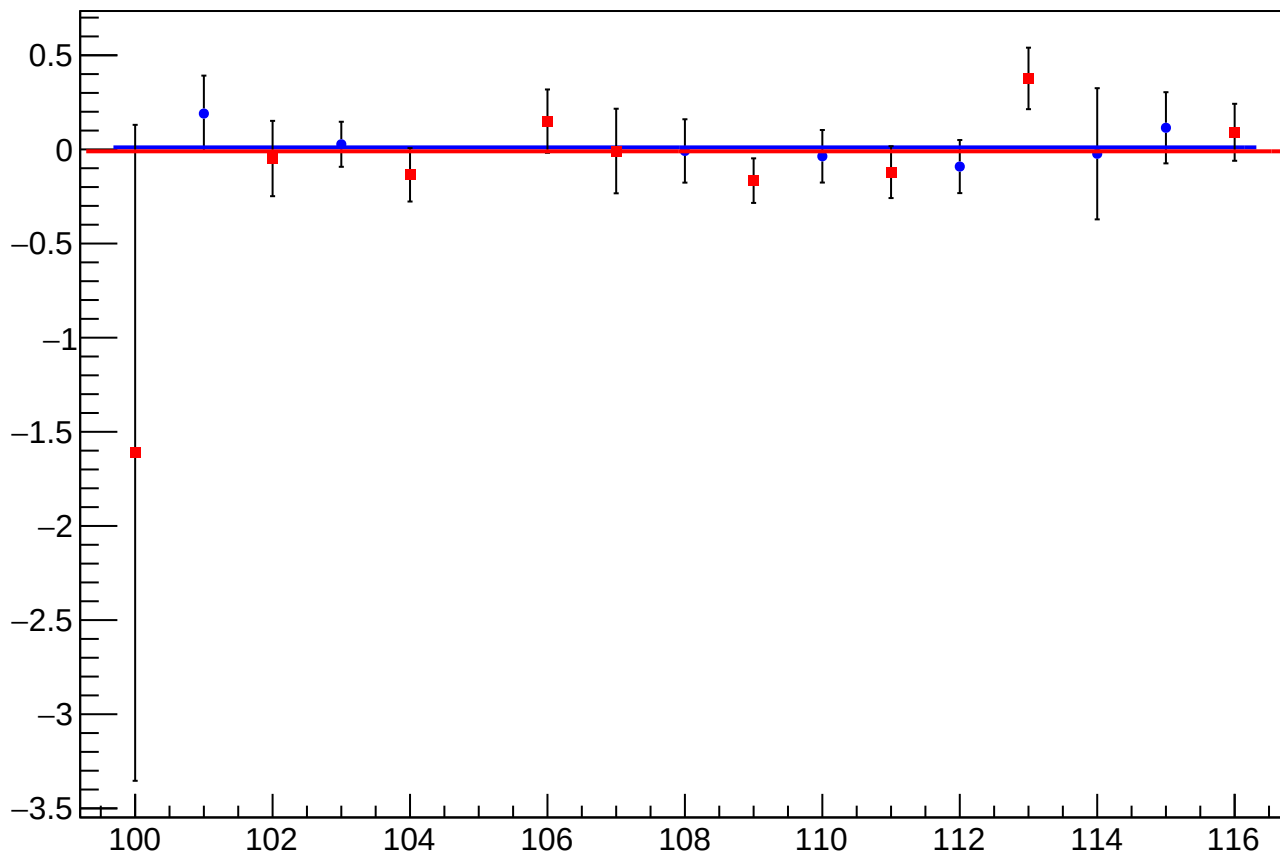
Right: 94.567+/-0.029 χ^2/NDF : 437565.9/15

In: 97.386+/-0.043 χ^2/NDF : 245374.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.567+/-0.029 χ^2/NDF : 437565.9/15

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.061 χ^2/NDF : 1.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.055 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

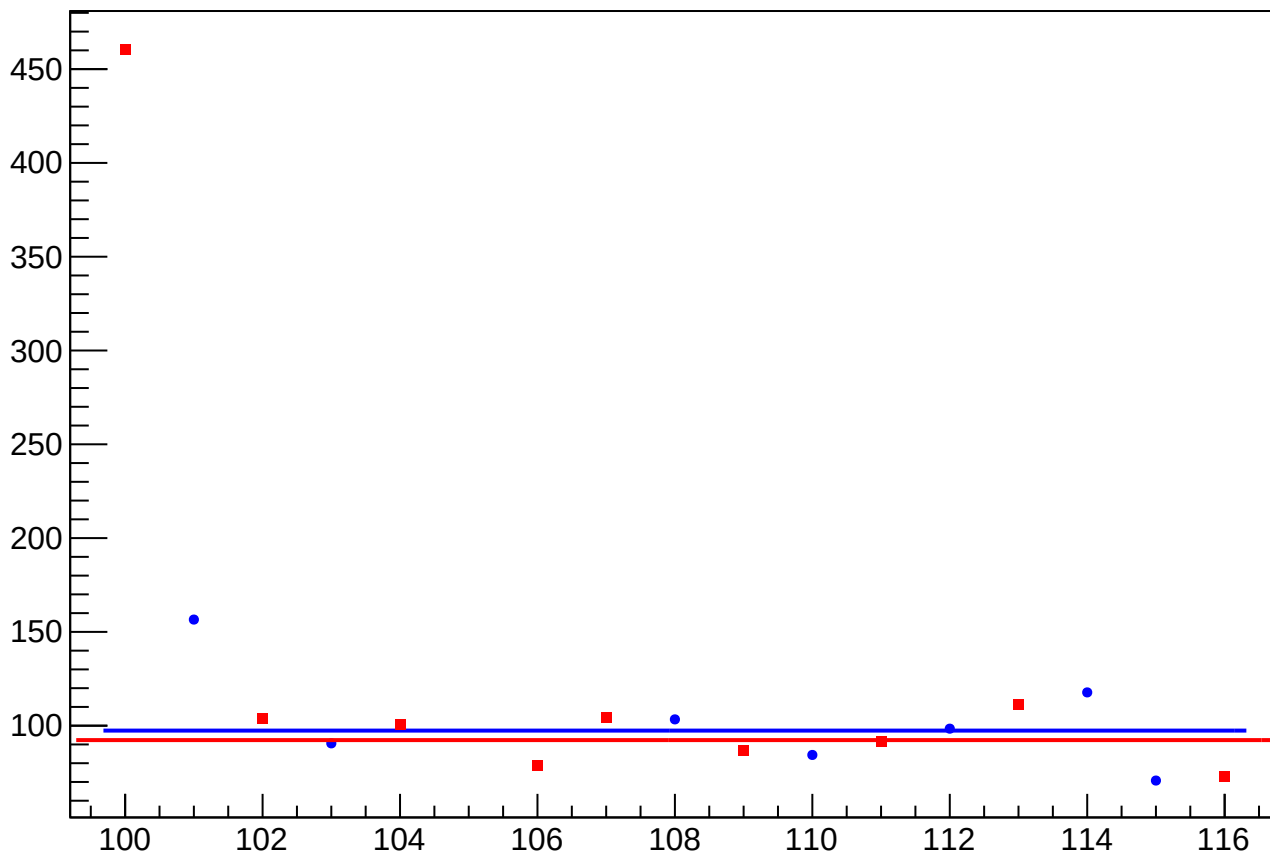
Right: -0.001+/-0.041 χ^2/NDF : 12.8/15

In: 0.011+/-0.061 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.041 χ^2/NDF : 12.8/15

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.386+/-0.043 χ^2/NDF : 245374.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.318+/-0.039 χ^2/NDF : 184544.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

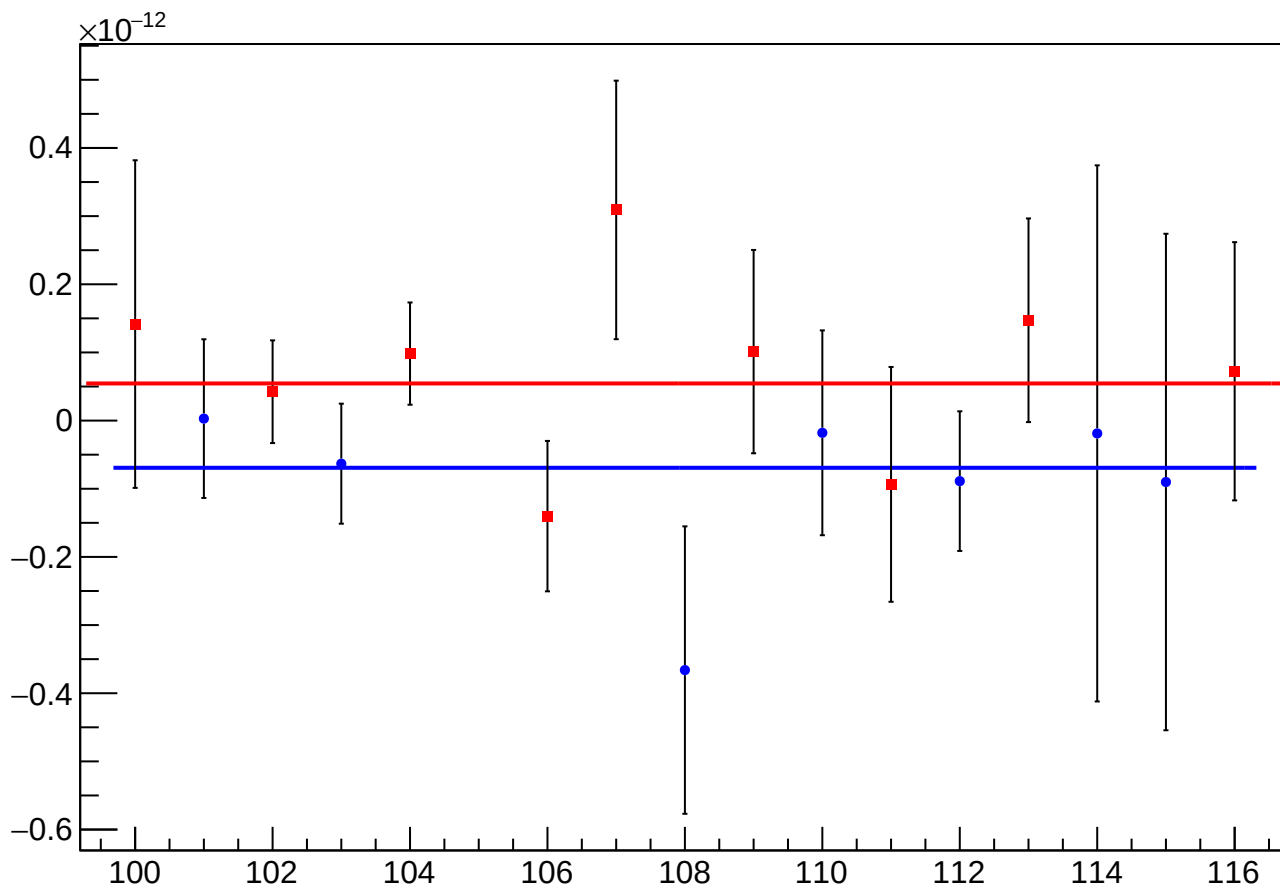
Right: 94.567+/-0.029 χ^2/NDF : 437565.9/15

In: 97.386+/-0.043 χ^2/NDF : 245374.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.567+/-0.029 χ^2/NDF : 437565.9/15

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

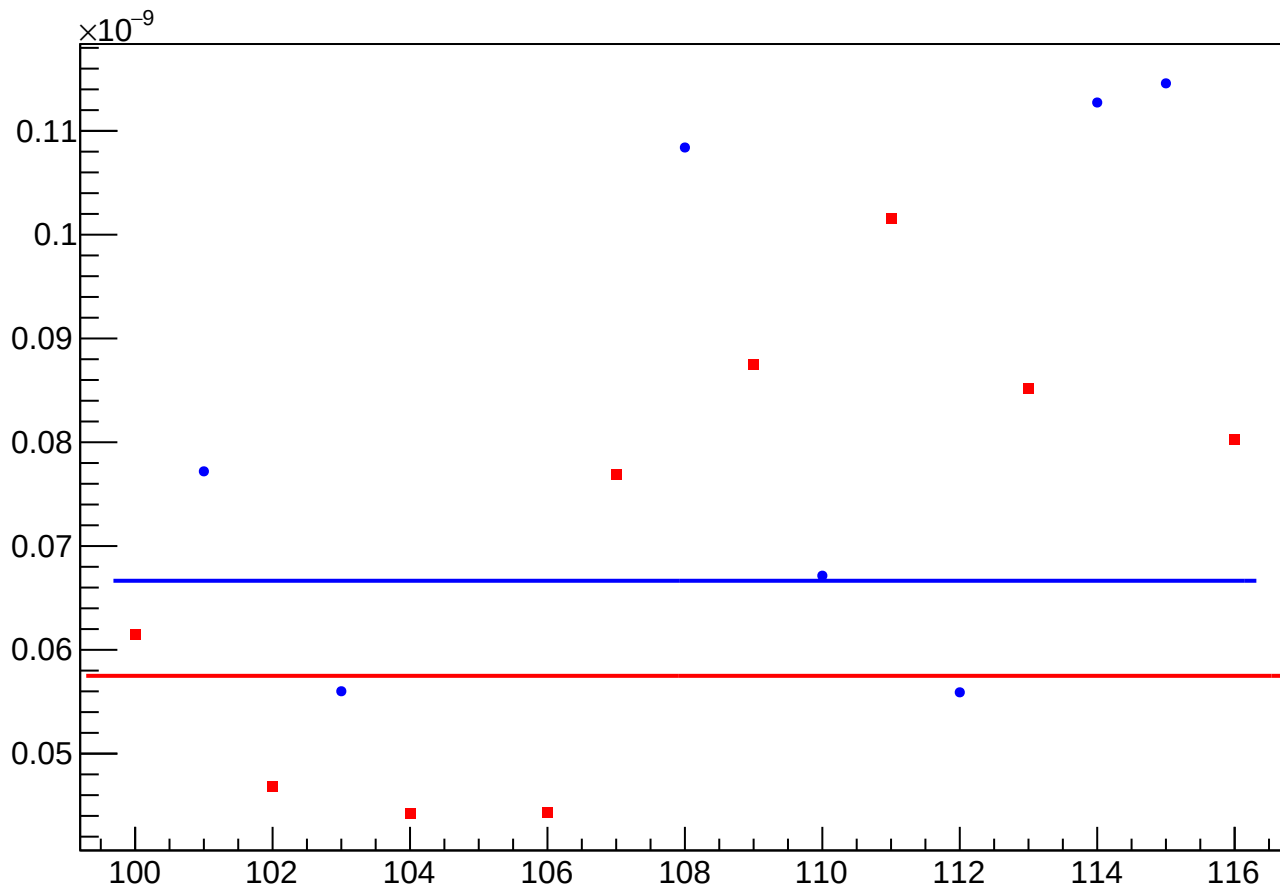
Right: 0.000+/-0.000 χ^2/NDF : 12.8/15

In: -0.000+/-0.000 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.8/15

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 208142.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 461142.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

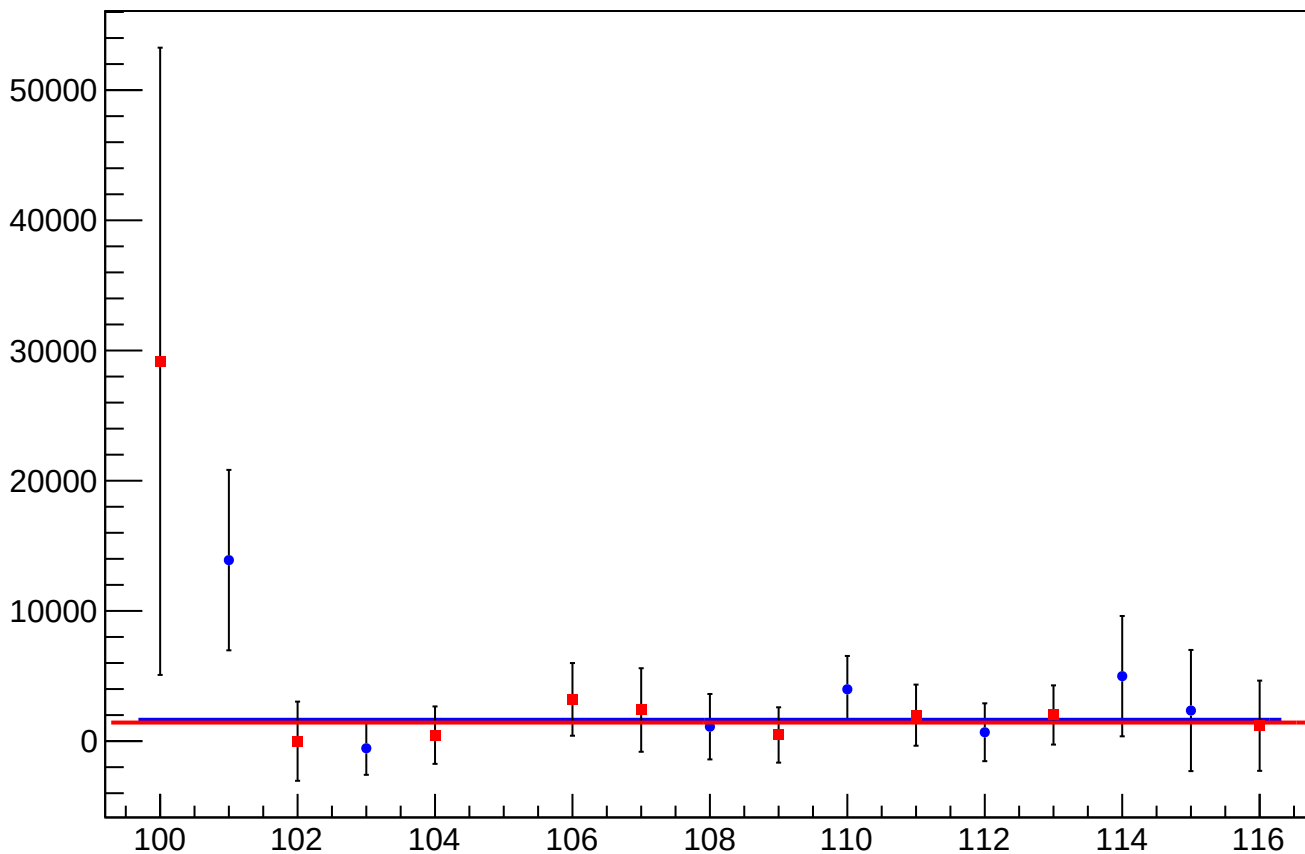
Right: 0.000+/-0.000 χ^2/NDF : 709041.7/15

In: 0.000+/-0.000 χ^2/NDF : 208142.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 709041.7/15

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1638.959+/-1073.353 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.259+/-905.043 χ^2/NDF : 2.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

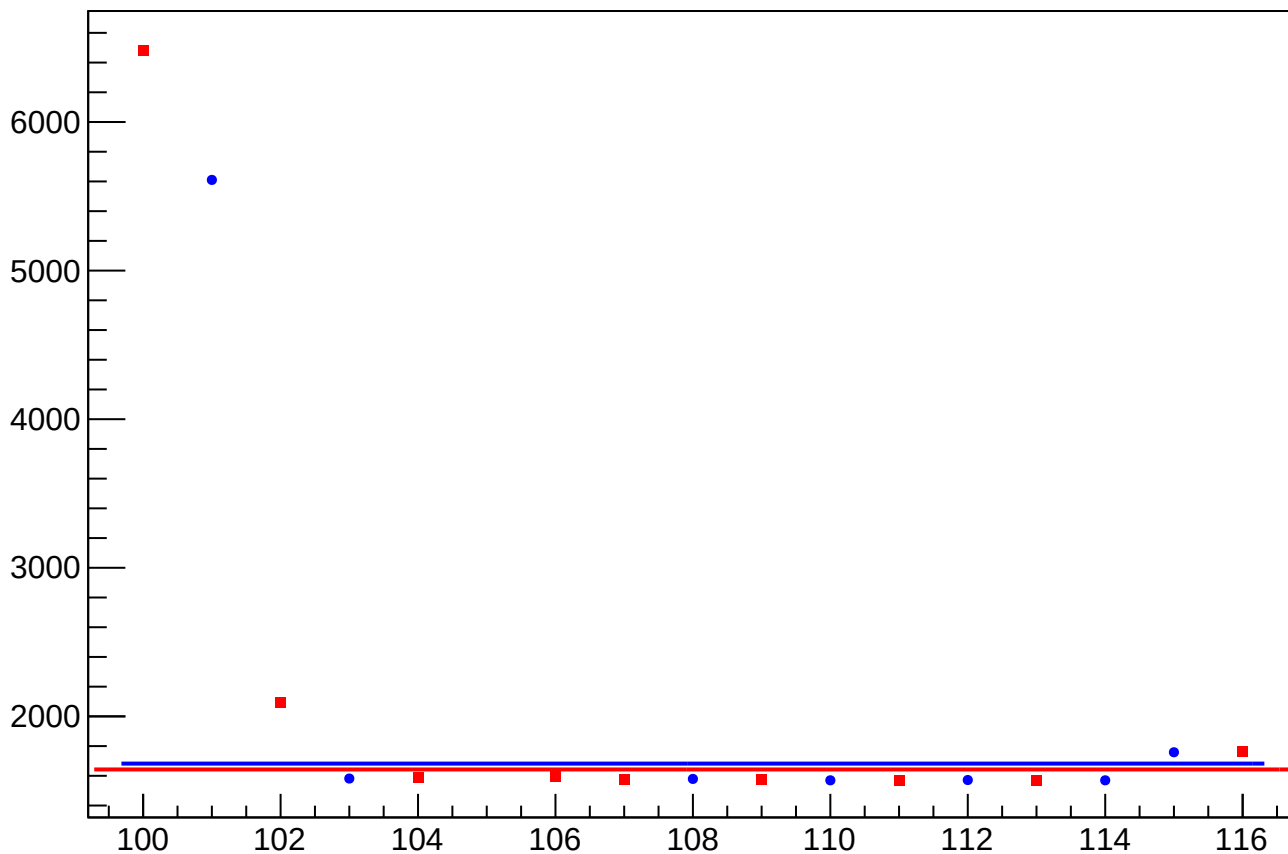
Right: 1514.644+/-691.907 χ^2/NDF : 8.5/15

In: 1638.959+/-1073.353 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1514.644+/-691.907 χ^2/NDF : 8.5/15

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1682.183+/-0.759 χ^2/NDF : 661575.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1642.775+/-0.640 χ^2/NDF : 136336.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

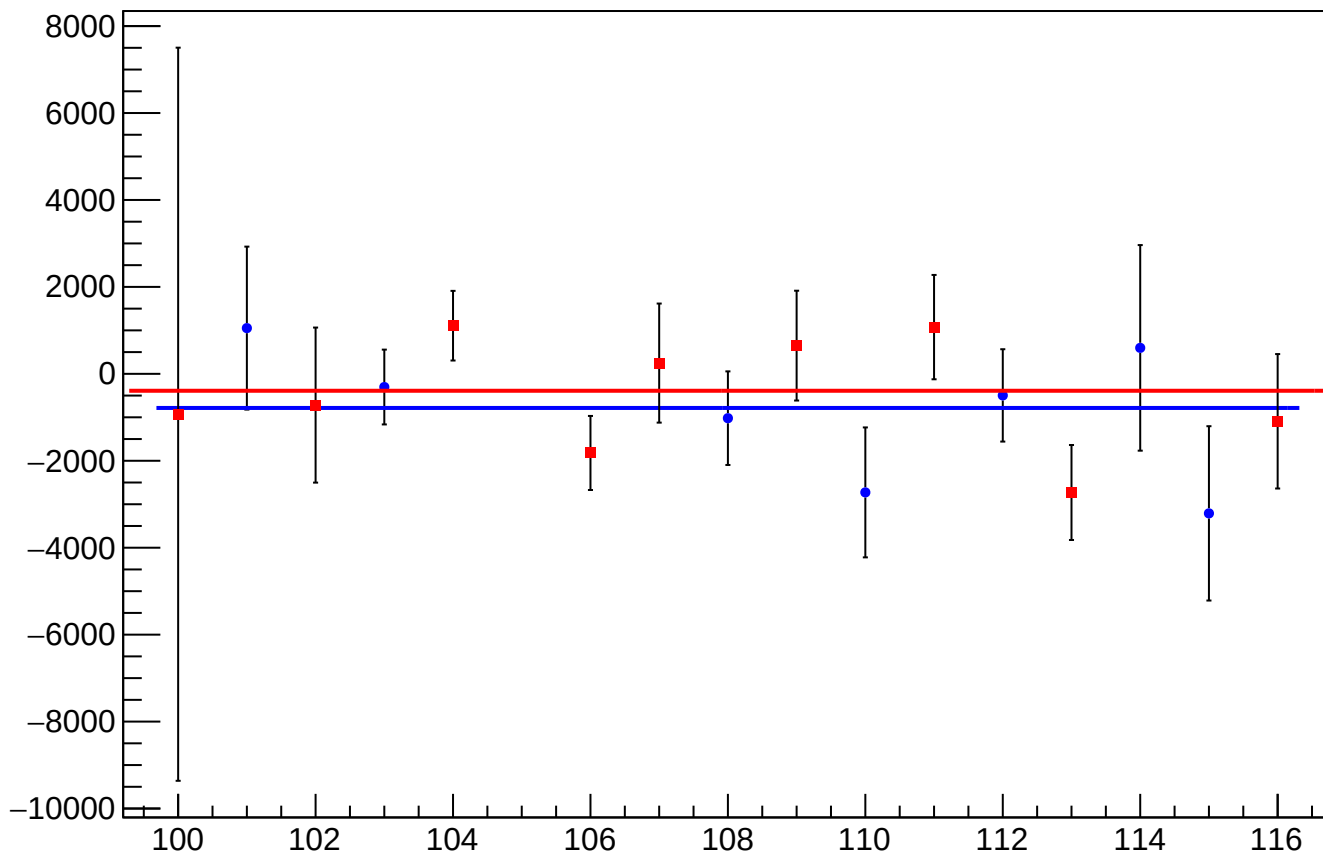
Right: 1659.150+/-0.489 χ^2/NDF : 799487.5/15

In: 1682.183+/-0.759 χ^2/NDF : 661575.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1659.150+/-0.489 χ^2/NDF : 799487.5/15

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -784.774+/-484.575 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.254+/-396.066 χ^2/NDF : 13.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

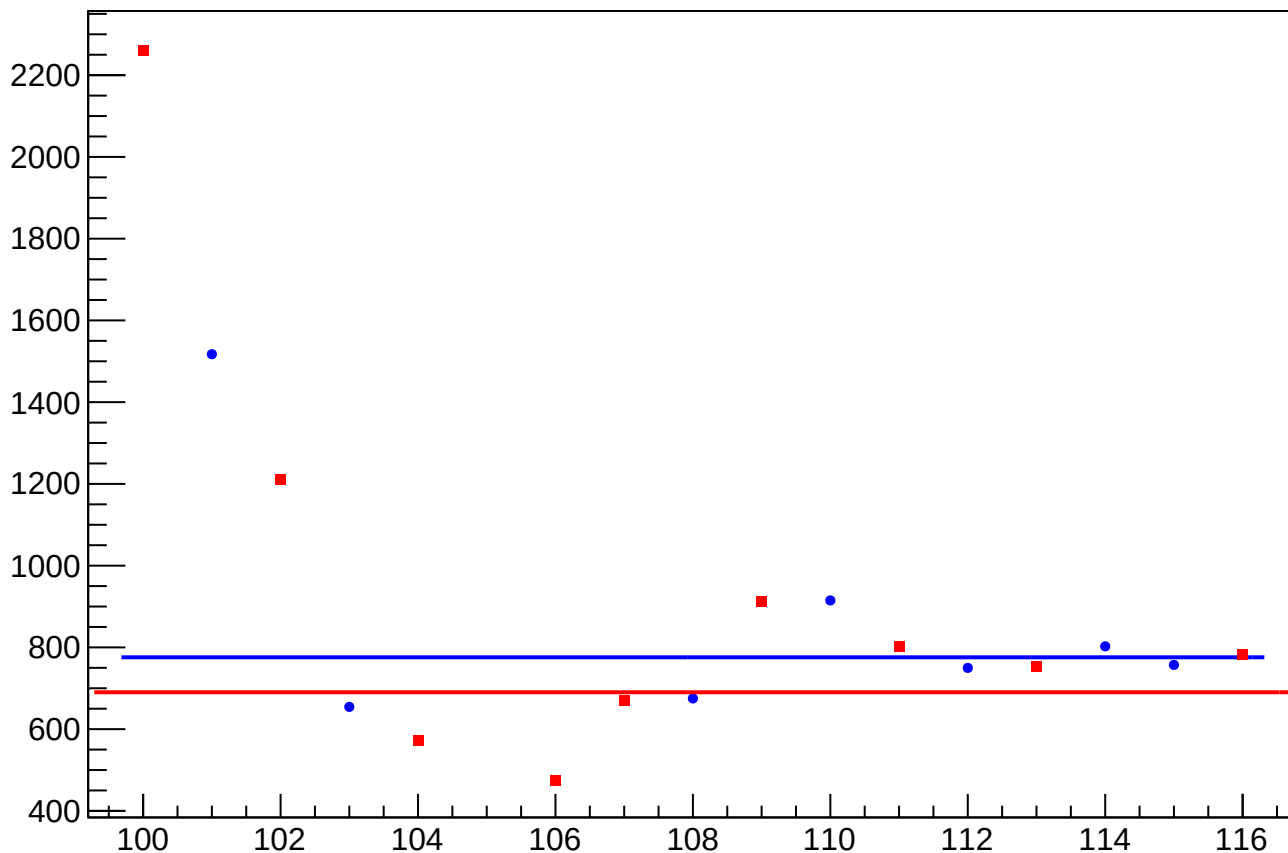
Right: -547.659+/-306.663 χ^2/NDF : 18.8/15

In: -784.774+/-484.575 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -547.659+/-306.663 χ^2/NDF : 18.8/15

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 775.750+/-0.343 χ^2/NDF : 389227.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 690.218+/-0.280 χ^2/NDF : 504645.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

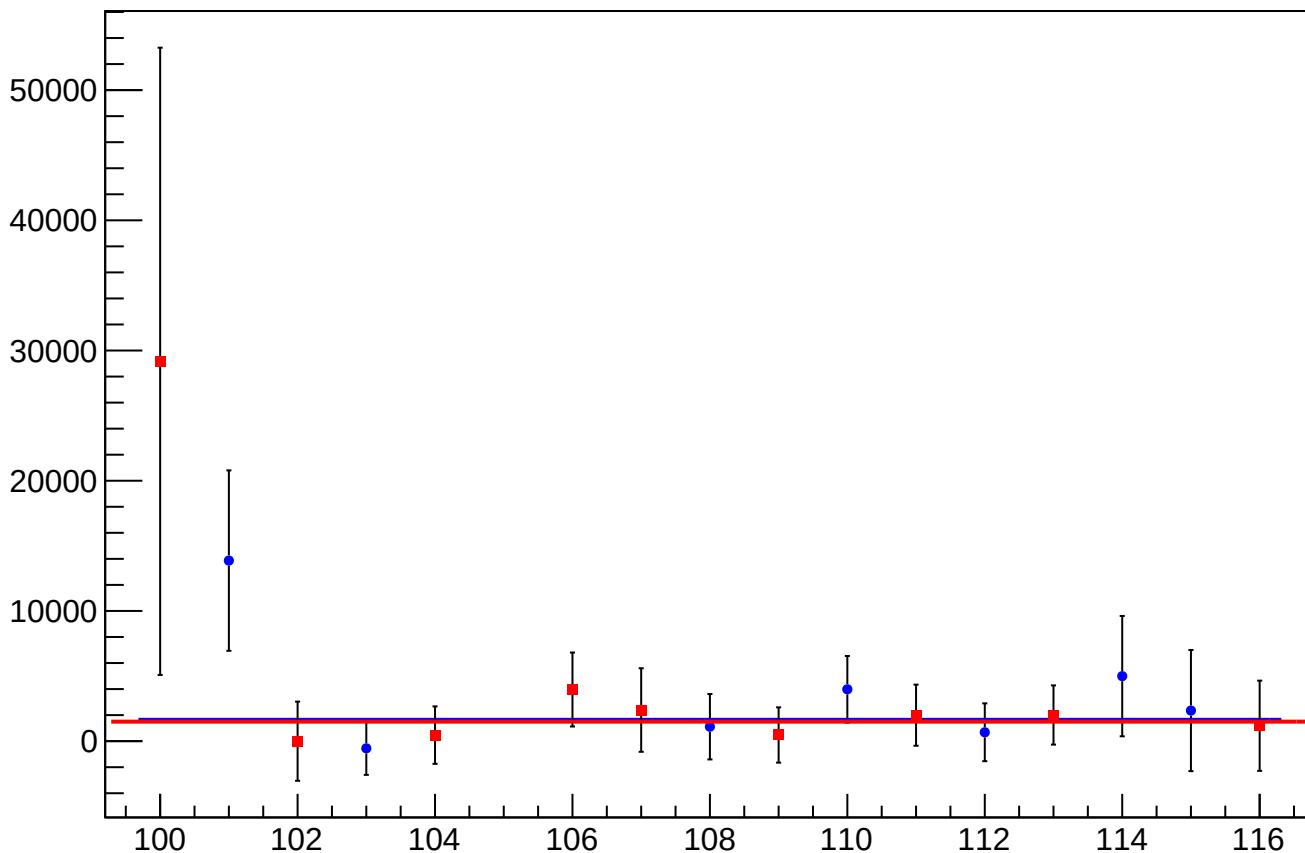
Right: 724.474+/-0.217 χ^2/NDF : 931229.3/15

In: 775.750+/-0.343 χ^2/NDF : 389227.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.474+/-0.217 χ^2/NDF : 931229.3/15

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1637.634+/-1073.353 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.462+/-906.685 χ^2/NDF : 3.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

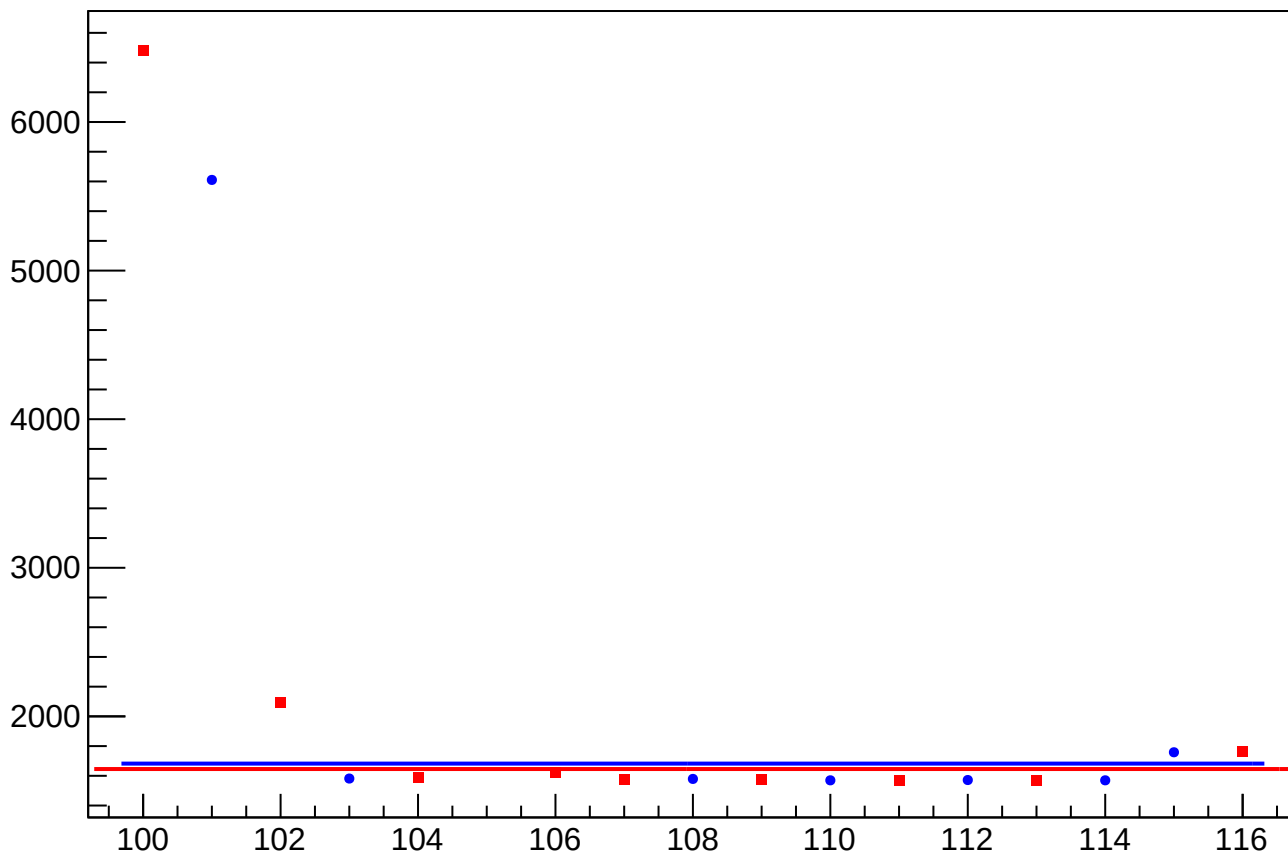
Right: 1556.416+/-692.640 χ^2/NDF : 8.8/15

In: 1637.634+/-1073.353 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.416+/-692.640 χ^2/NDF : 8.8/15

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1682.183+/-0.759 χ^2/NDF : 661575.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.653+/-0.641 χ^2/NDF : 135819.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

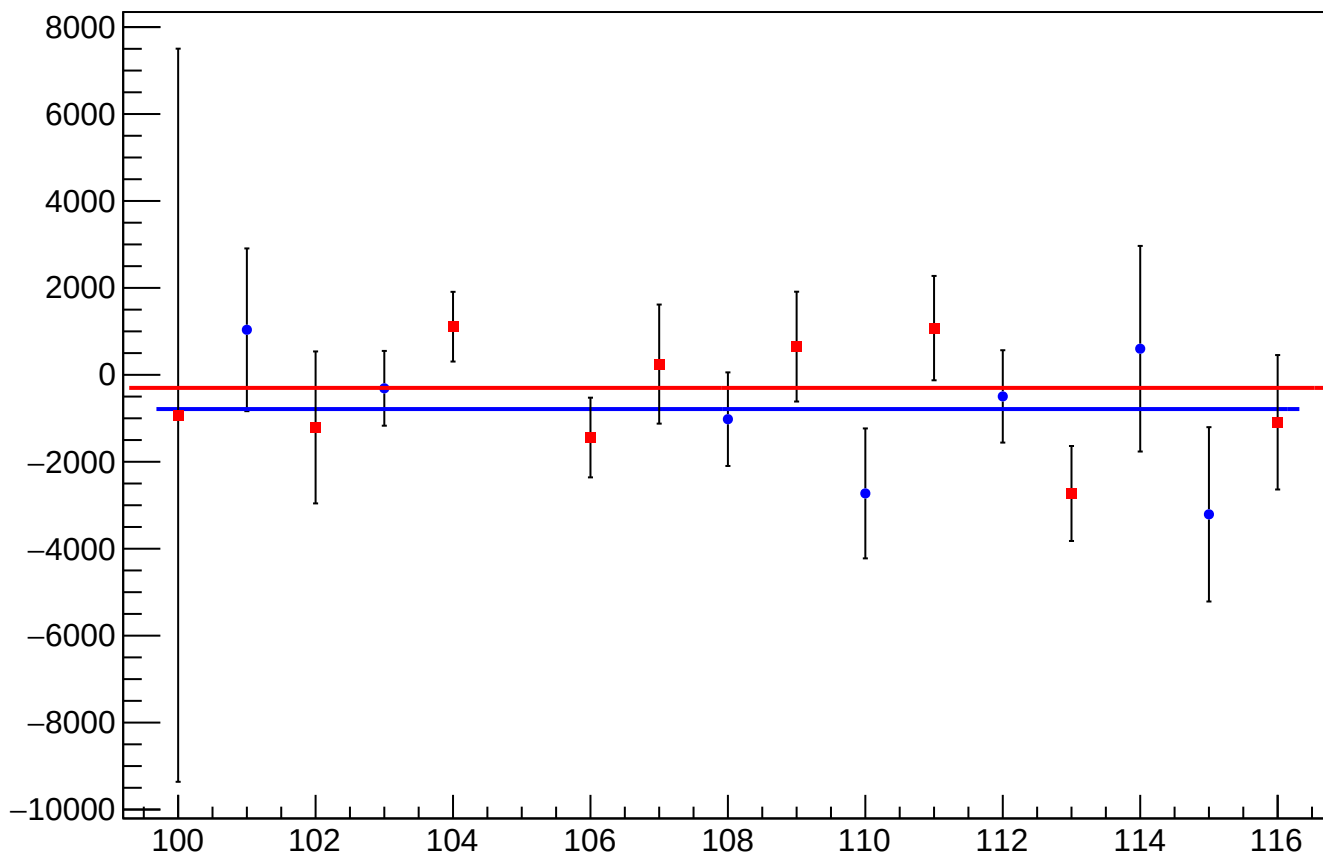
Right: 1660.865+/-0.490 χ^2/NDF : 798746.6/15

In: 1682.183+/-0.759 χ^2/NDF : 661575.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1660.865+/-0.490 χ^2/NDF : 798746.6/15

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -787.172+/-484.445 χ^2 /NDF: 4.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -300.370+/-401.729 χ^2 /NDF: 12.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

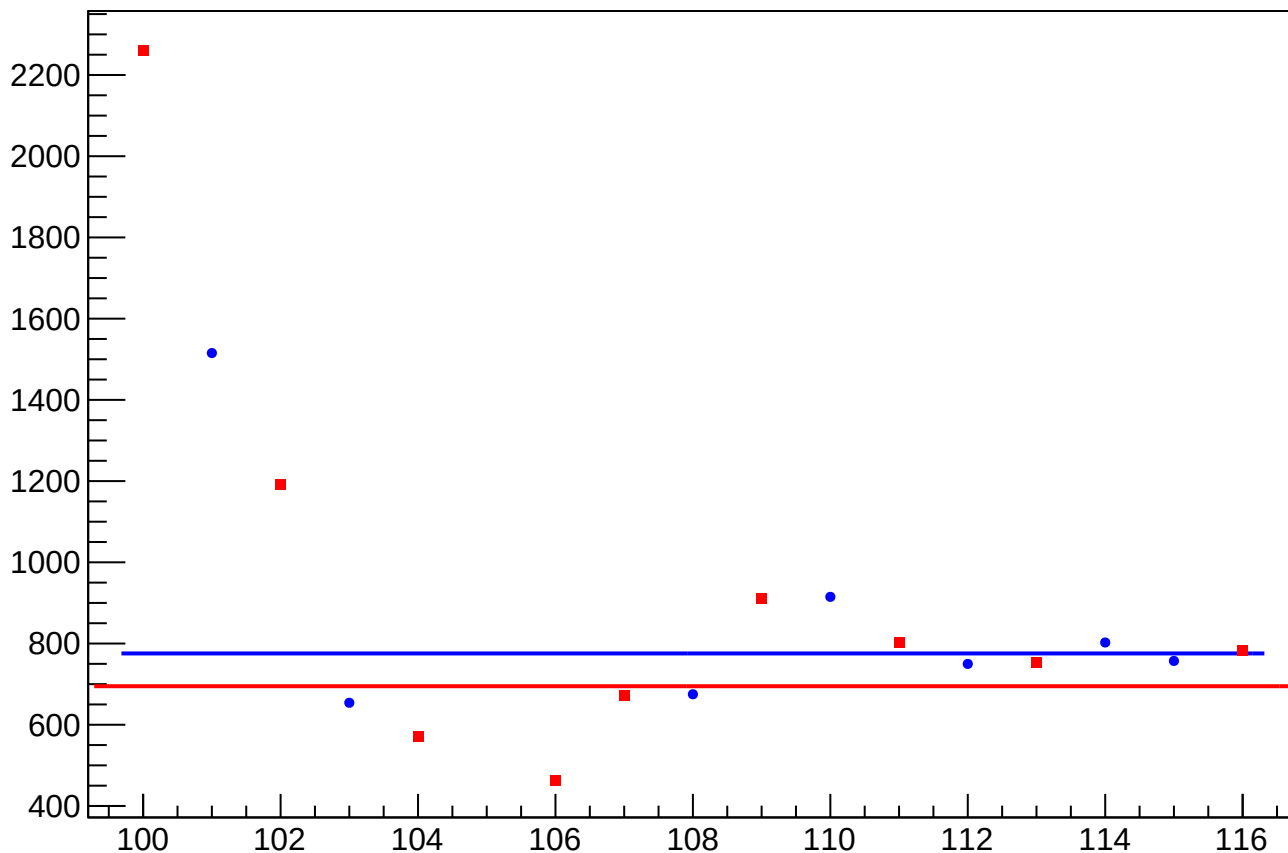
Right: -498.725+/-309.236 χ^2 /NDF: 17.6/15

In: -787.172+/-484.445 χ^2 /NDF:4.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -498.725+/-309.236 χ^2 /NDF: 17.6/15

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 775.609+/-0.343 χ^2/NDF : 388643.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.891+/-0.284 χ^2/NDF : 492776.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

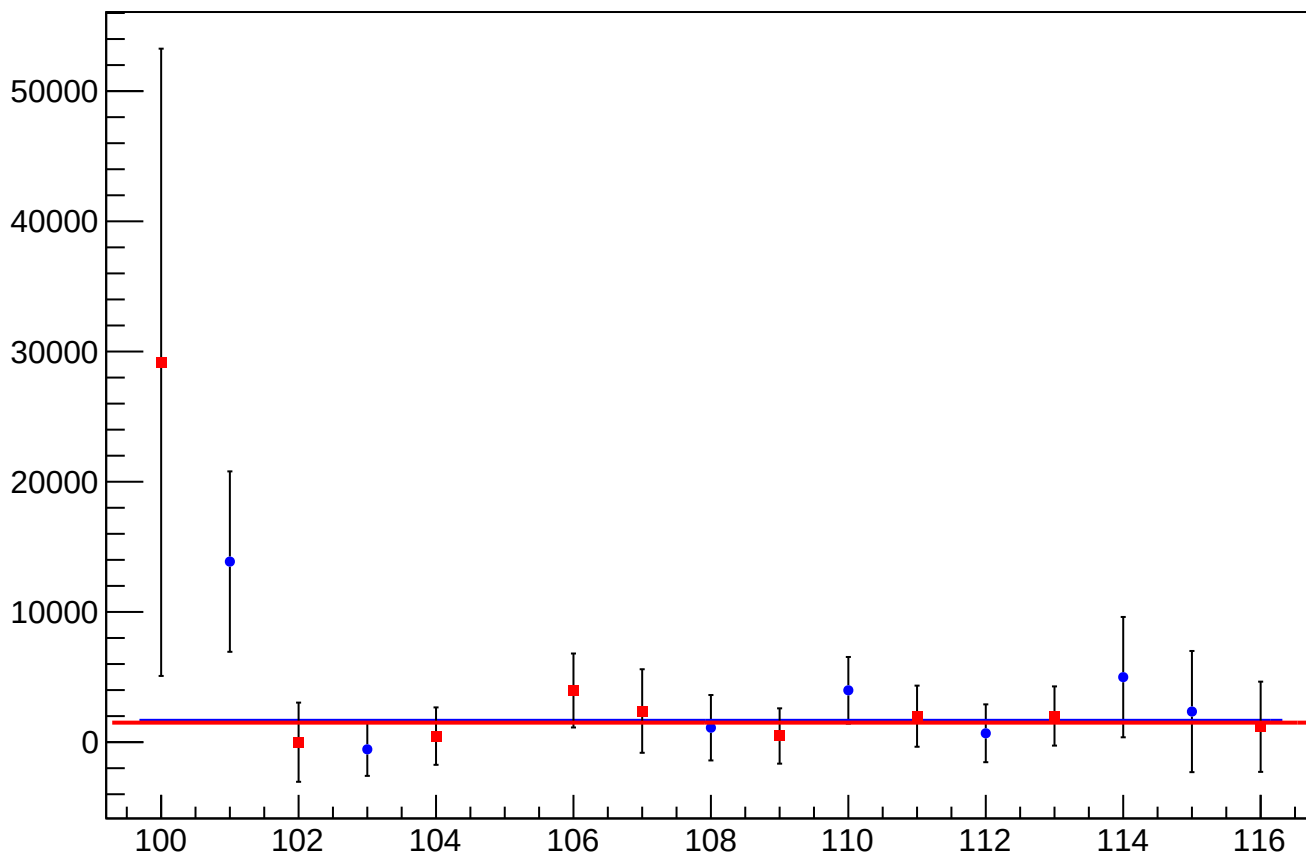
Right: 727.781+/-0.219 χ^2/NDF : 914320.2/15

In: 775.609+/-0.343 χ^2/NDF : 388643.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.781+/-0.219 χ^2/NDF : 914320.2/15

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1637.634+/-1073.353 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1498.462+/-906.685 χ^2/NDF : 3.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

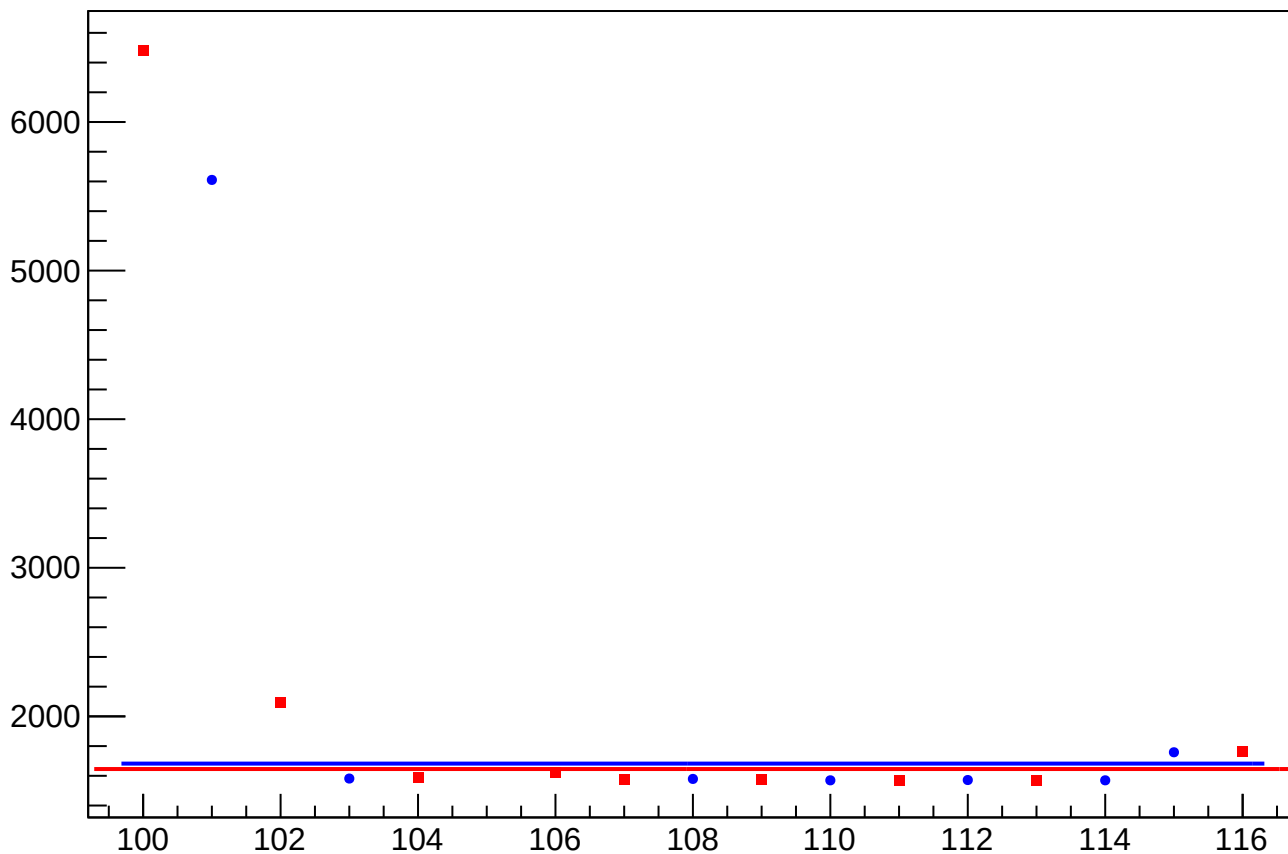
Right: 1556.416+/-692.640 χ^2/NDF : 8.8/15

In: 1637.634+/-1073.353 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.416+/-692.640 χ^2/NDF : 8.8/15

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1682.183+/-0.759 χ^2/NDF : 661575.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.653+/-0.641 χ^2/NDF : 135819.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

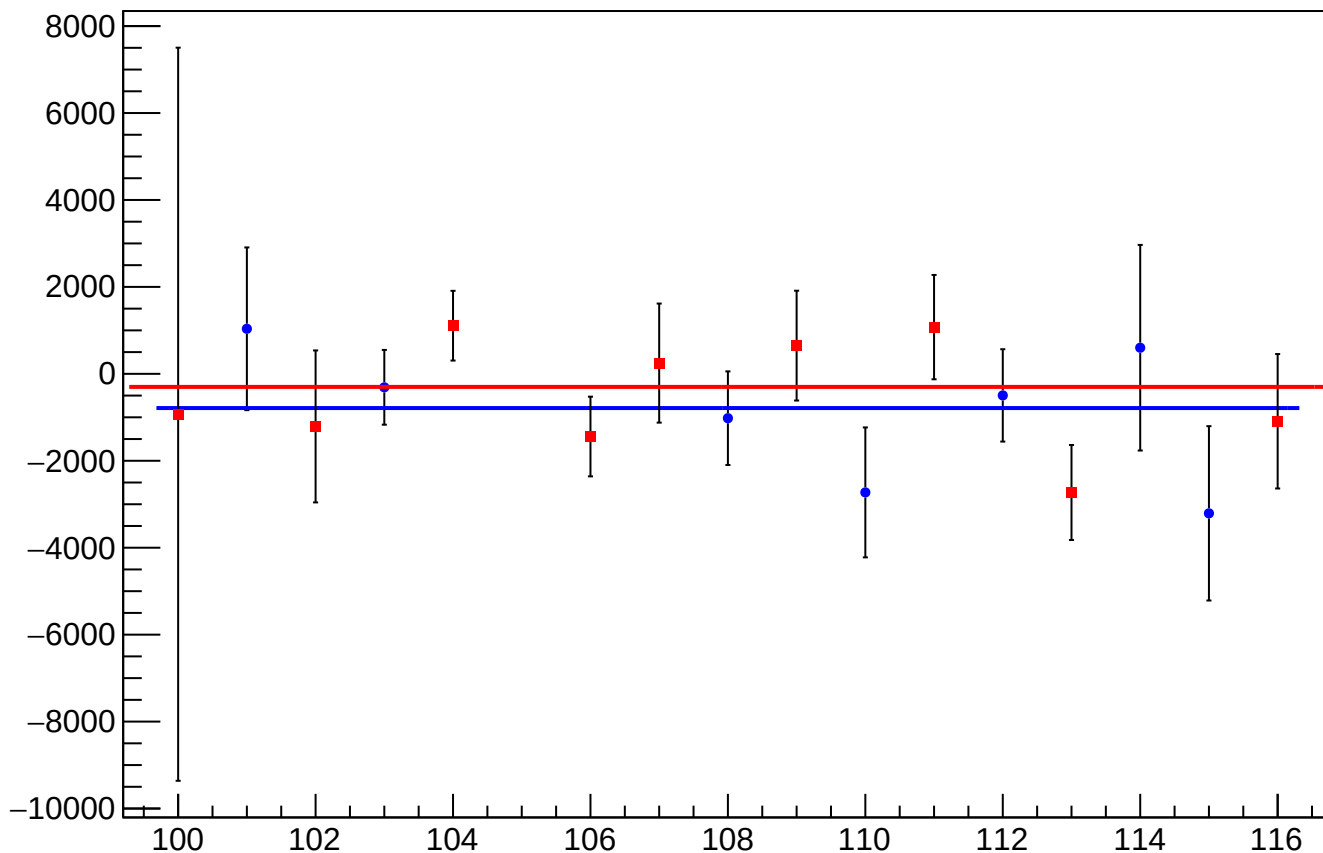
Right: 1660.865+/-0.490 χ^2/NDF : 798746.6/15

In: 1682.183+/-0.759 χ^2/NDF : 661575.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1660.865+/-0.490 χ^2/NDF : 798746.6/15

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -787.172+/-484.445 χ^2 /NDF: 4.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -300.370+/-401.729 χ^2 /NDF: 12.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

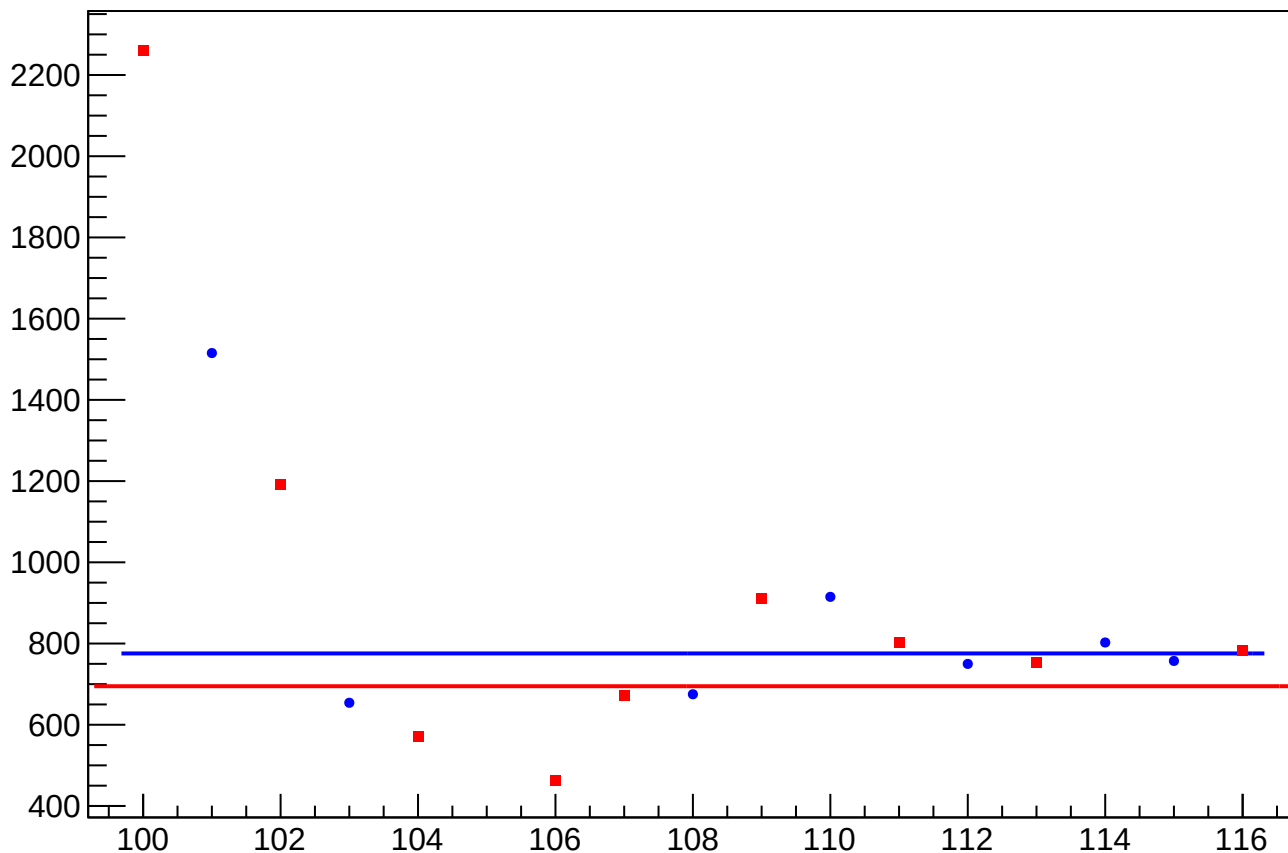
Right: -498.725+/-309.236 χ^2 /NDF: 17.6/15

In: -787.172+/-484.445 χ^2 /NDF:4.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -498.725+/-309.236 χ^2 /NDF: 17.6/15

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 775.609+/-0.343 χ^2/NDF : 388643.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.891+/-0.284 χ^2/NDF : 492776.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

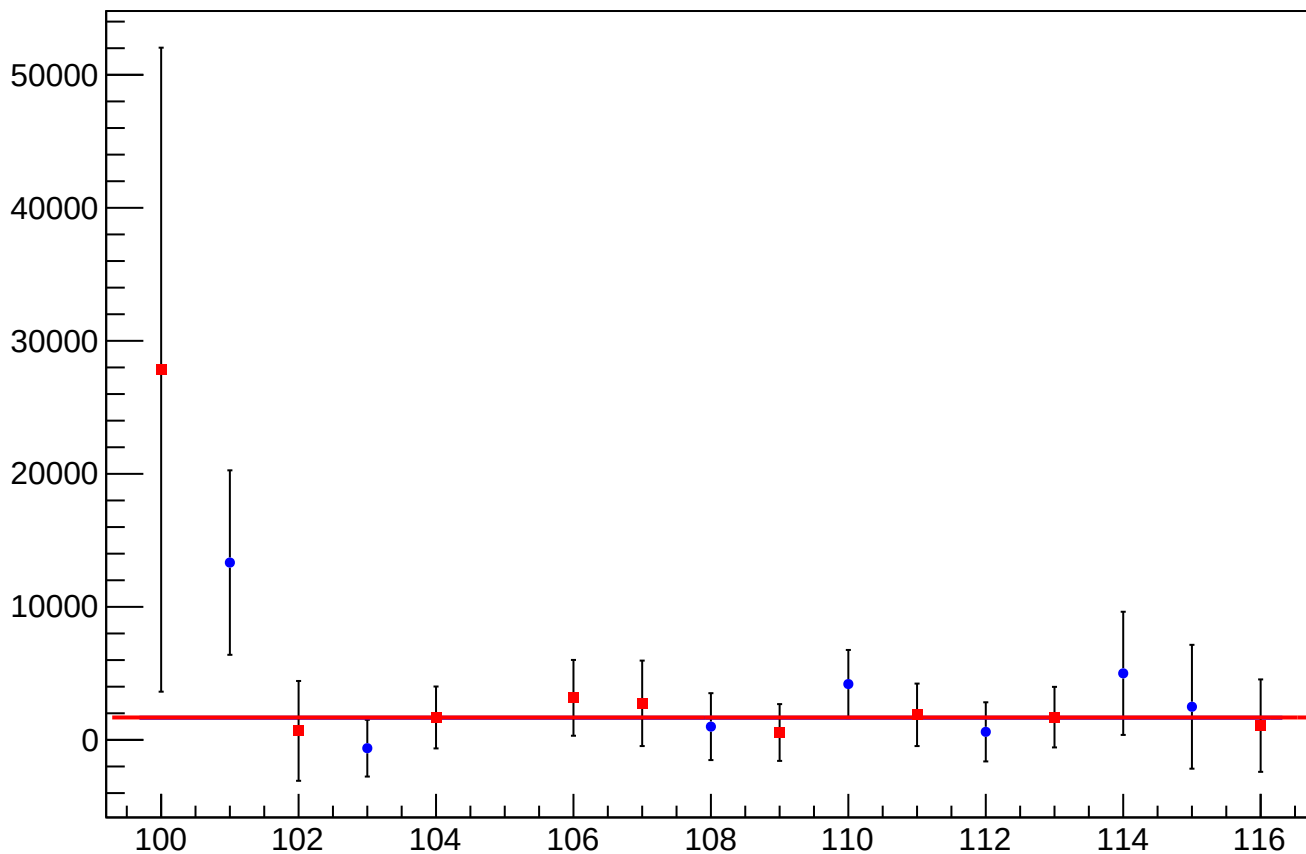
Right: 727.781+/-0.219 χ^2/NDF : 914320.2/15

In: 775.609+/-0.343 χ^2/NDF : 388643.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.781+/-0.219 χ^2/NDF : 914320.2/15

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1664.013+/-1087.348 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.839+/-930.903 χ^2/NDF : 1.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

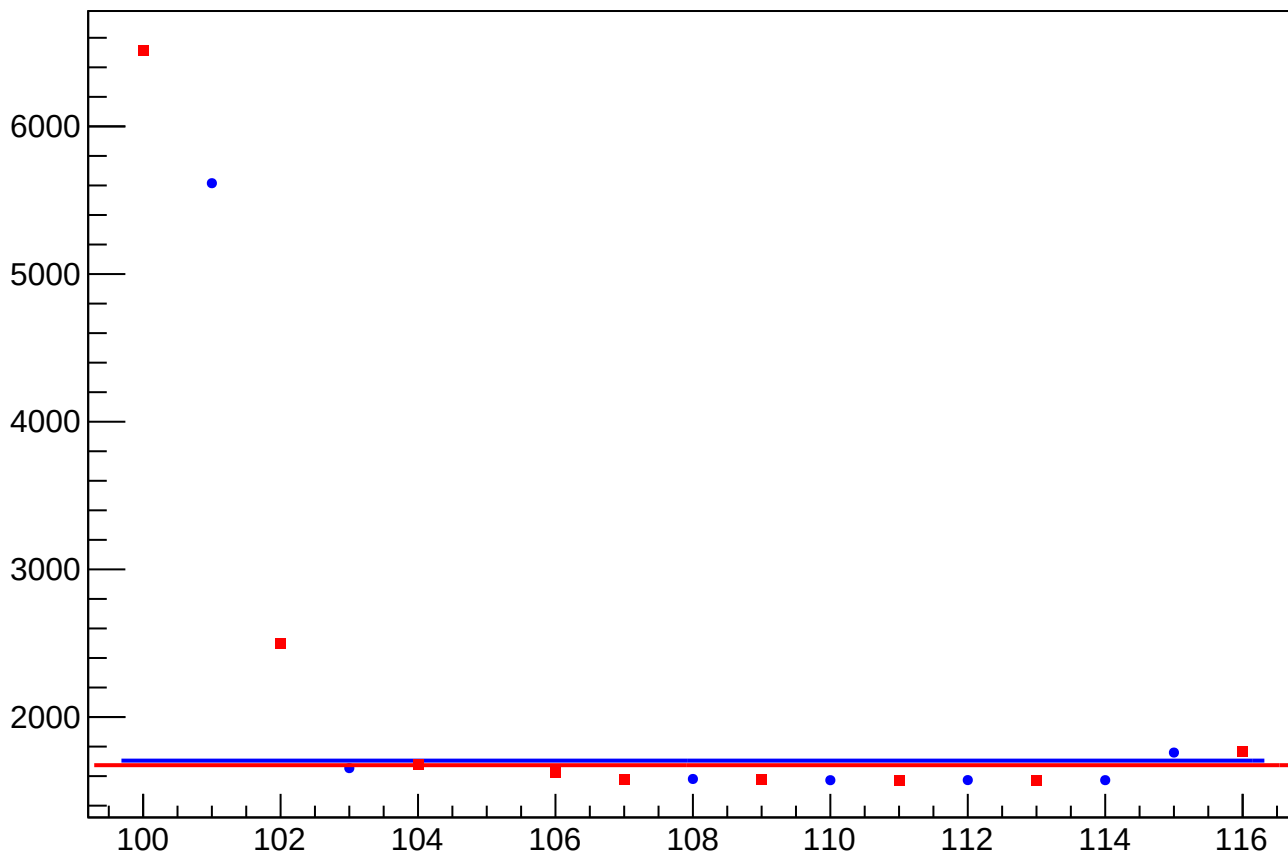
Right: 1676.031+/-707.151 χ^2/NDF : 7.7/15

In: 1664.013+/-1087.348 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.031+/-707.151 χ^2/NDF : 7.7/15

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1705.000+/-0.769 χ^2/NDF : 656164.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1674.057+/-0.658 χ^2/NDF : 191770.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

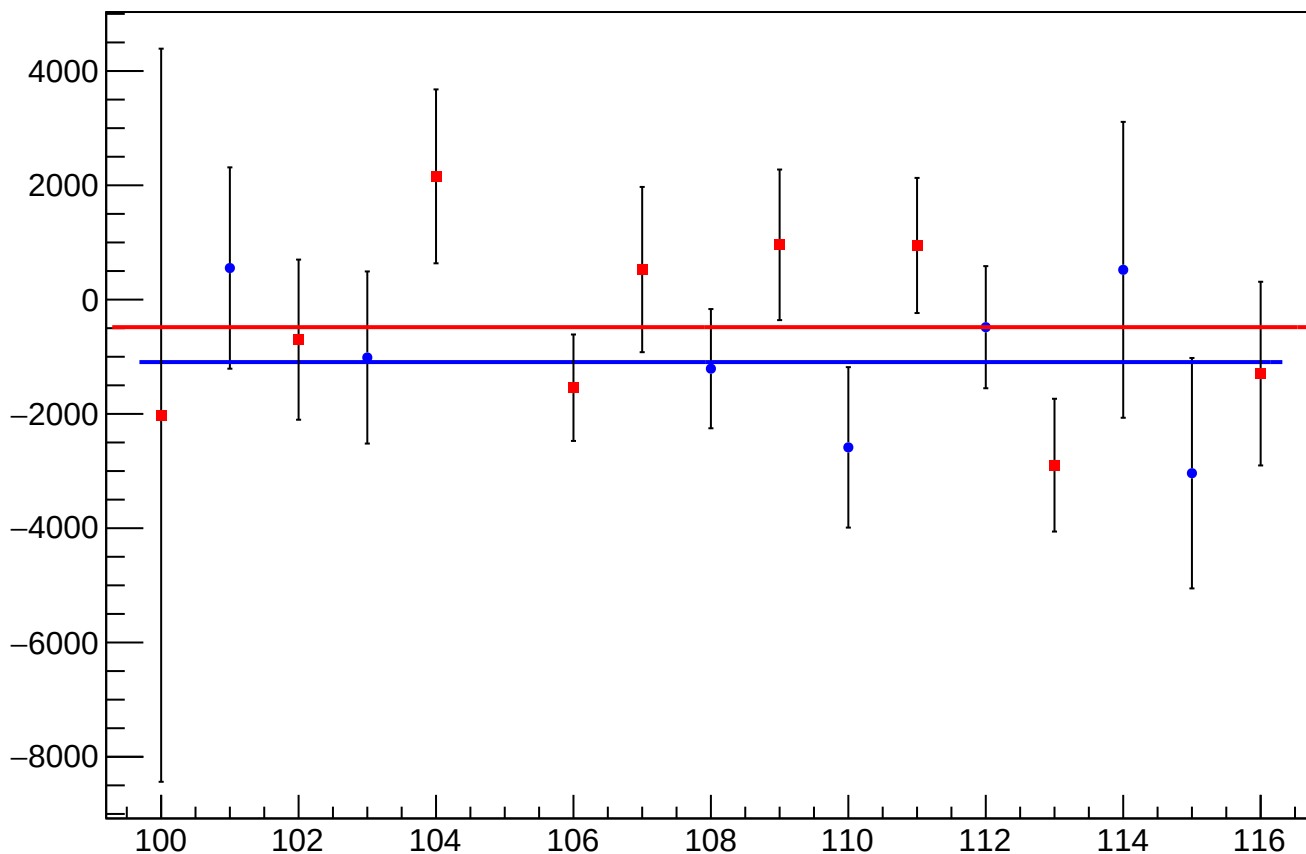
Right: 1687.144+/-0.500 χ^2/NDF : 848870.1/15

In: 1705.000+/-0.769 χ^2/NDF : 656164.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.144+/-0.500 χ^2/NDF : 848870.1/15

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1093.186+/-537.543 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -482.032+/-446.468 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

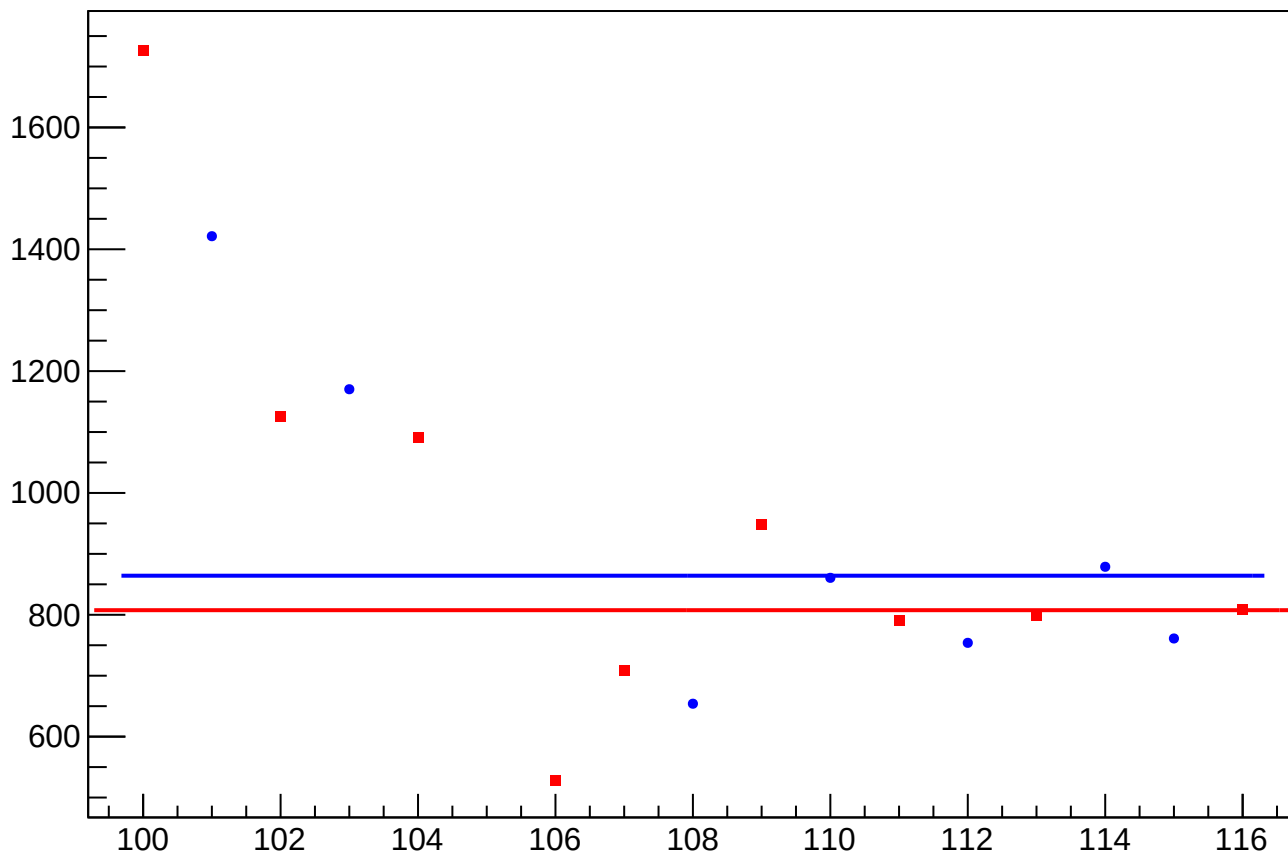
Right: -731.524+/-343.452 χ^2/NDF : 16.5/15

In: -1093.186+/-537.543 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -731.524+/-343.452 χ^2/NDF : 16.5/15

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 864.162 $\pm$ 0.380 χ^2 /NDF: 390541.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 807.561 $\pm$ 0.316 χ^2 /NDF: 426413.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

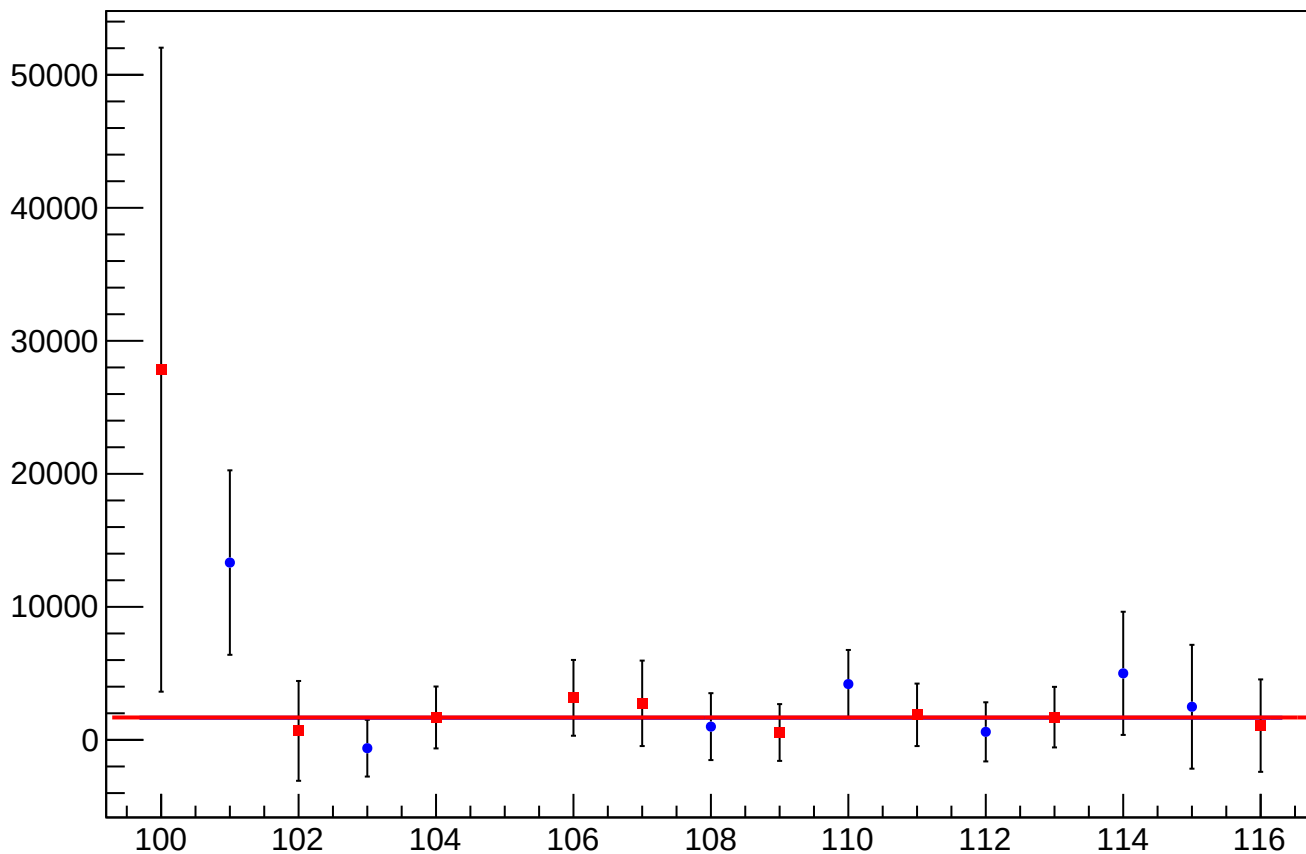
Right: 830.668 $\pm$ 0.243 χ^2 /NDF: 830077.7/15

In: 864.162 $\pm$ 0.380 χ^2 /NDF:390541.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 830.668 $\pm$ 0.243 χ^2 /NDF: 830077.7/15

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1664.016+/-1087.347 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.839+/-930.903 χ^2/NDF : 1.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

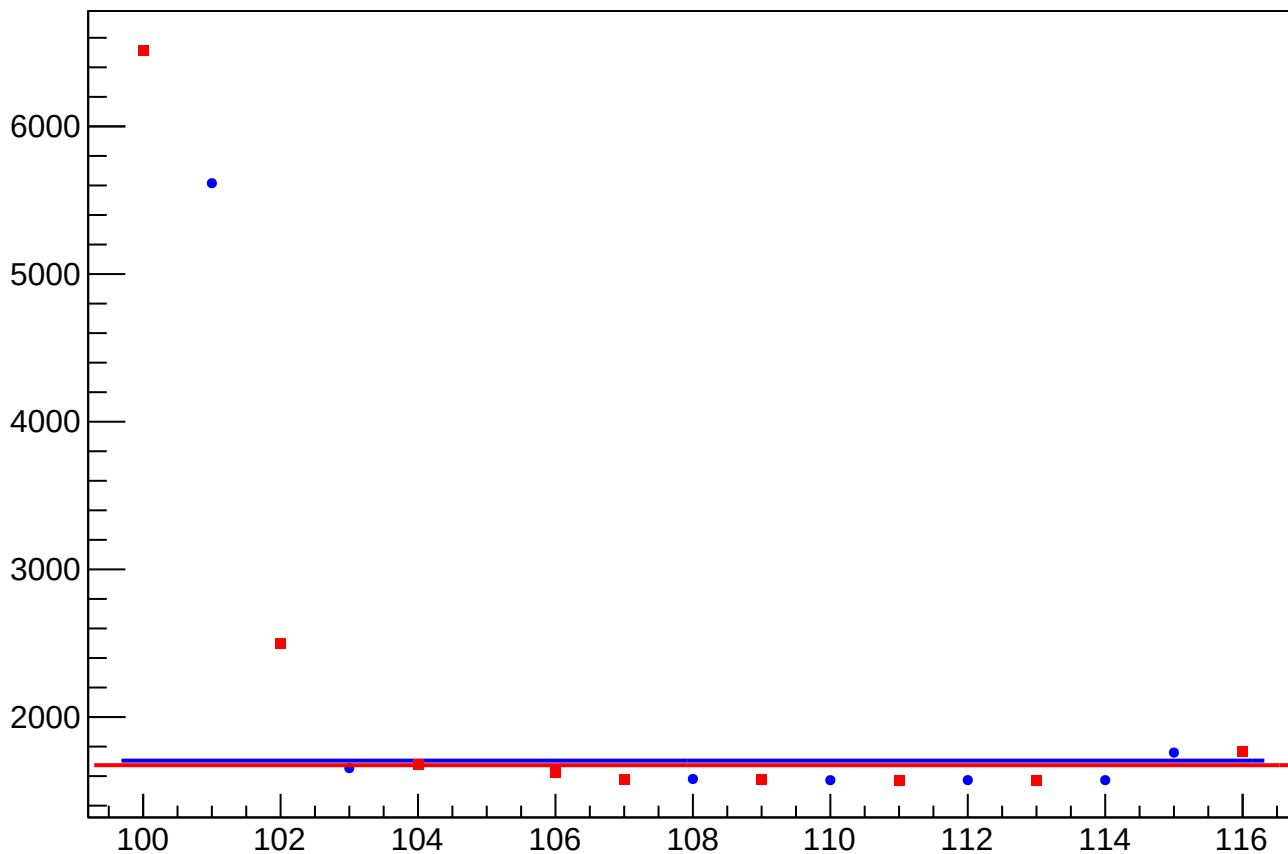
Right: 1676.032+/-707.150 χ^2/NDF : 7.7/15

In: 1664.016+/-1087.347 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.032+/-707.150 χ^2/NDF : 7.7/15

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1705.000+/-0.769 χ^2/NDF : 656164.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1674.057+/-0.658 χ^2/NDF : 191770.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

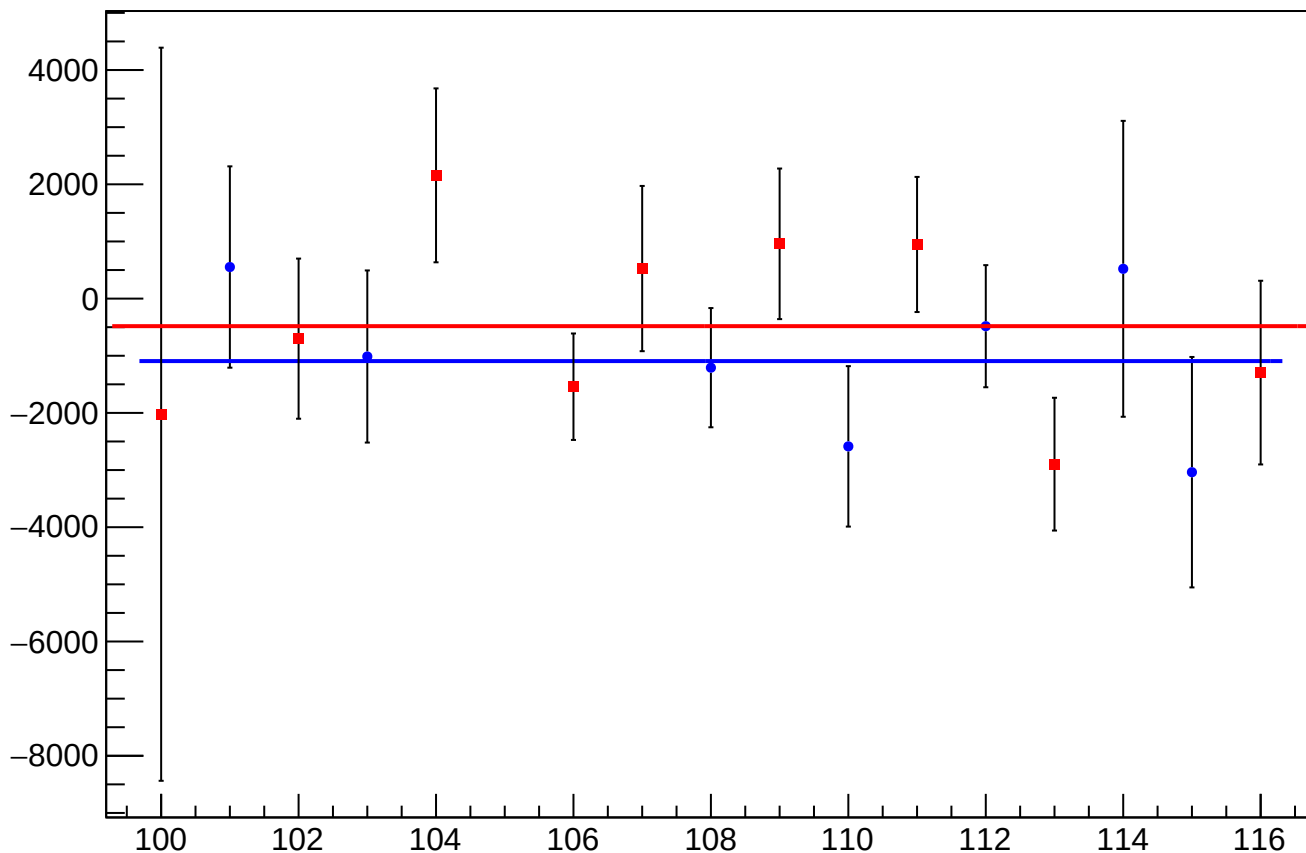
Right: 1687.144+/-0.500 χ^2/NDF : 848870.0/15

In: 1705.000+/-0.769 χ^2/NDF : 656164.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.144+/-0.500 χ^2/NDF : 848870.0/15

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1093.183 $\pm$ 537.541 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -482.032 $\pm$ 446.467 χ^2 /NDF: 12.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

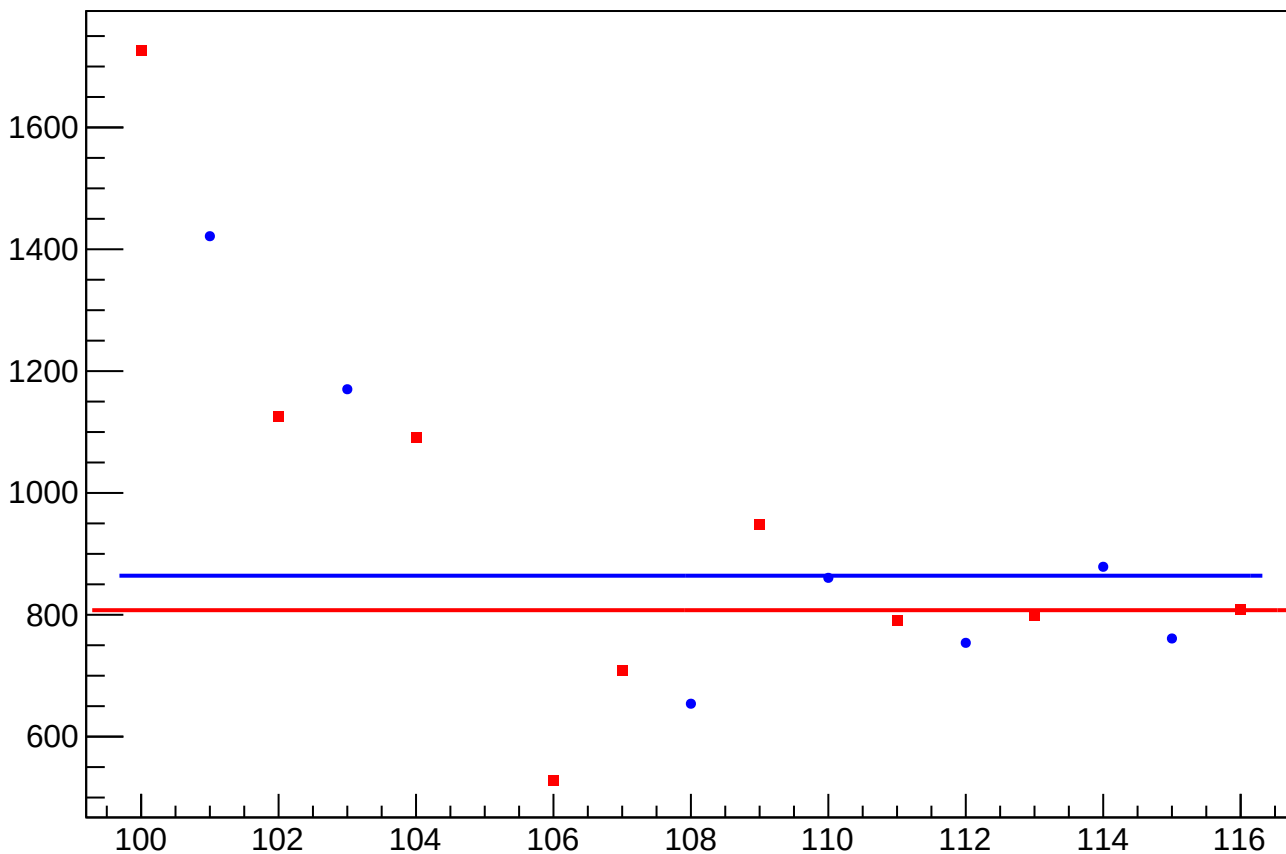
Right: -731.523 $\pm$ 343.451 χ^2 /NDF: 16.5/15

In: -1093.183 $\pm$ 537.541 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -731.523 $\pm$ 343.451 χ^2 /NDF: 16.5/15

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 864.158+/-0.380 χ^2/NDF : 390544.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.559+/-0.316 χ^2/NDF : 426410.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

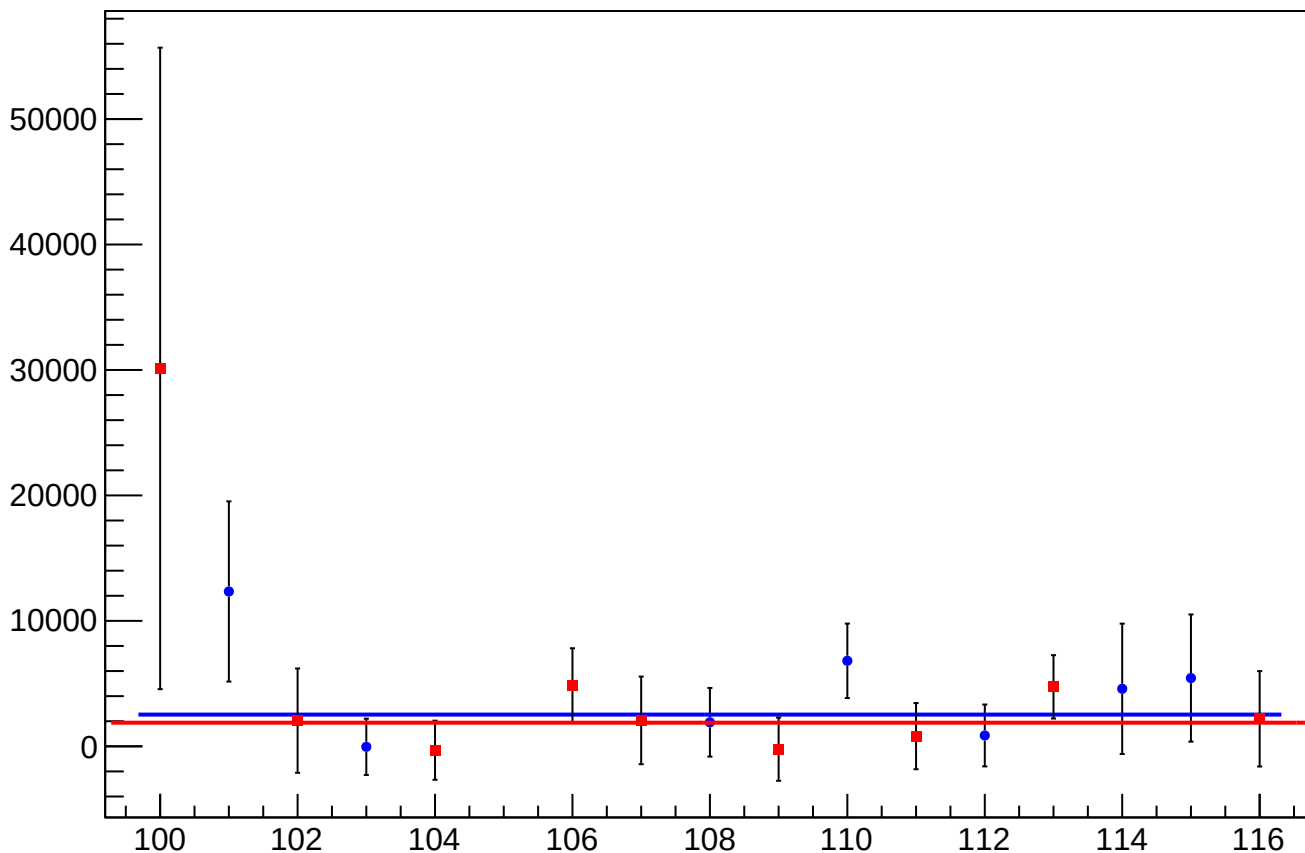
Right: 830.665+/-0.243 χ^2/NDF : 830076.8/15

In: 864.158+/-0.380 χ^2/NDF : 390544.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.665+/-0.243 χ^2/NDF : 830076.8/15

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2529.852+/-1190.546 χ^2 /NDF: 6.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1884.522+/-1018.529 χ^2 /NDF: 5.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

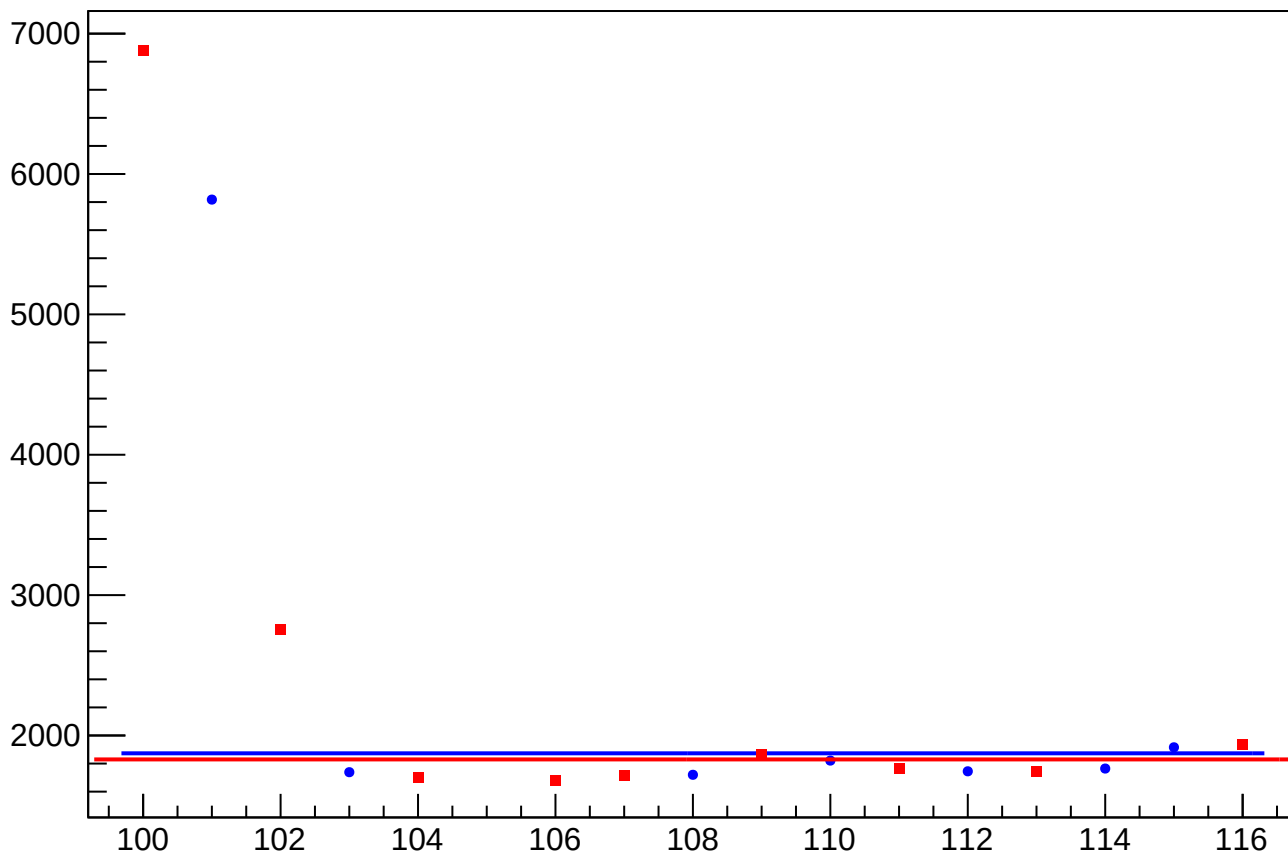
Right: 2157.239+/-773.947 χ^2 /NDF: 11.7/15

In: 2529.852+/-1190.546 χ^2 /NDF:6.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2157.239+/-773.947 χ^2 /NDF: 11.7/15

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1872.973+/-0.842 χ^2/NDF : 623491.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1829.486+/-0.720 χ^2/NDF : 196479.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

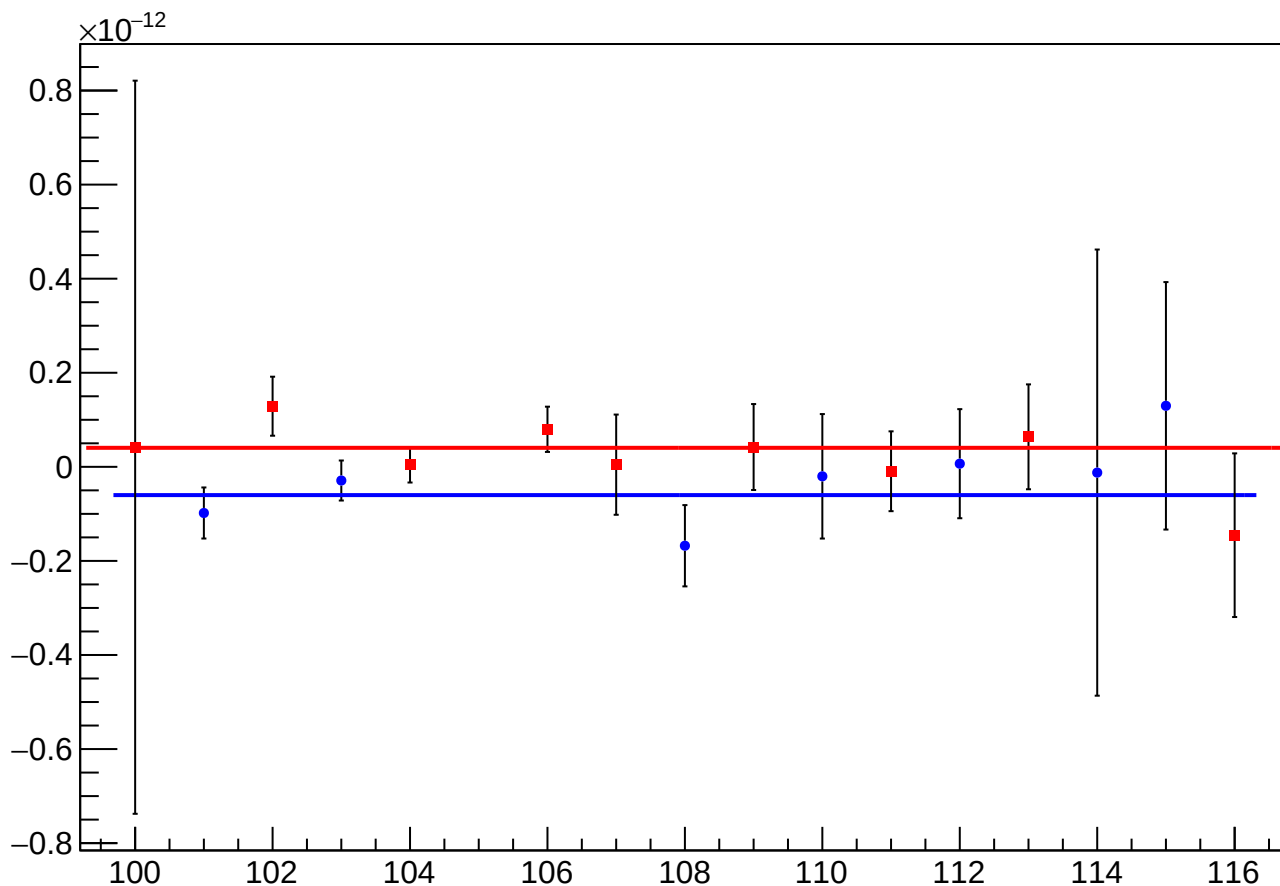
Right: 1847.863+/-0.547 χ^2/NDF : 821511.0/15

In: 1872.973+/-0.842 χ^2/NDF : 623491.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.863+/-0.547 χ^2/NDF : 821511.0/15

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

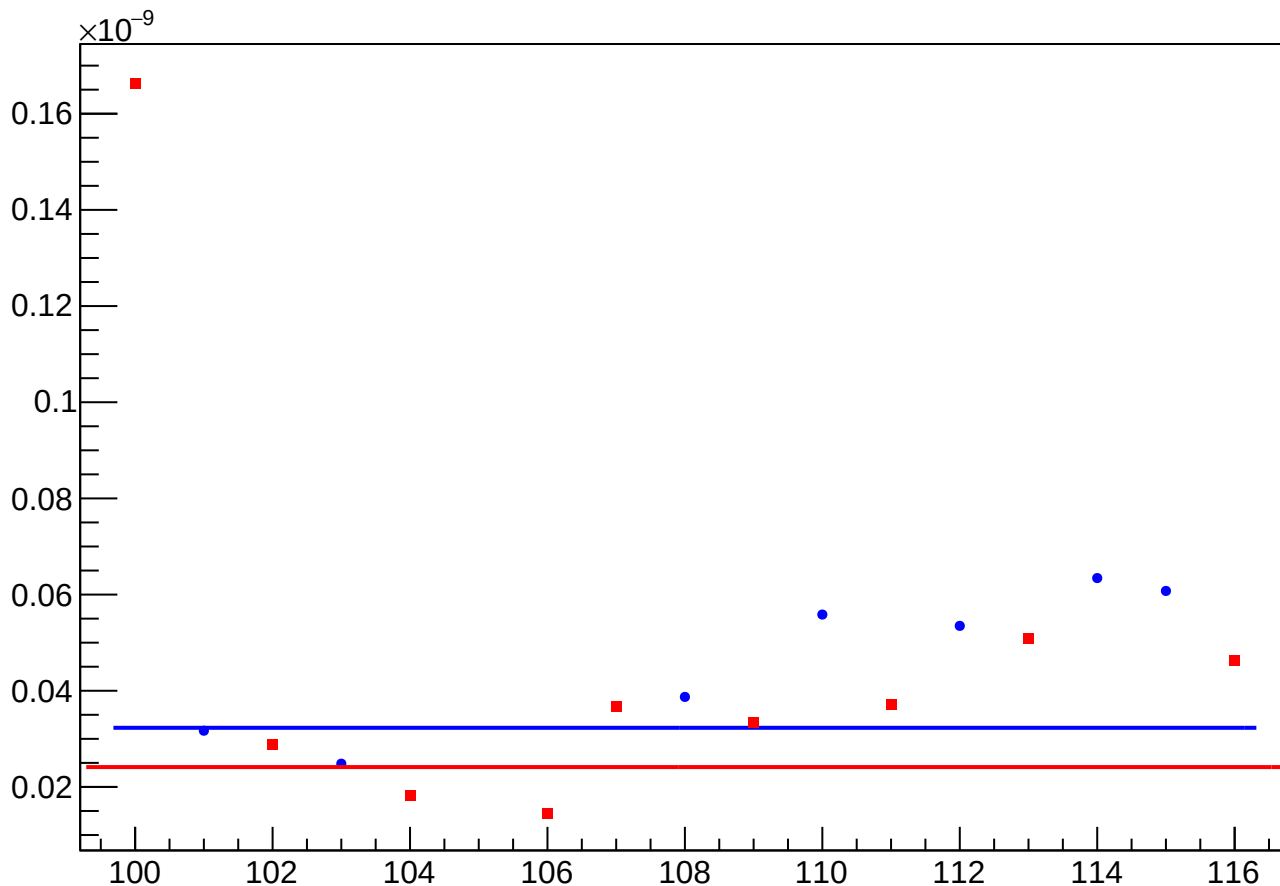
Right: 0.000+/-0.000 χ^2/NDF : 16.0/15

In: -0.000+/-0.000 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/15

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 235054.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 451692.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

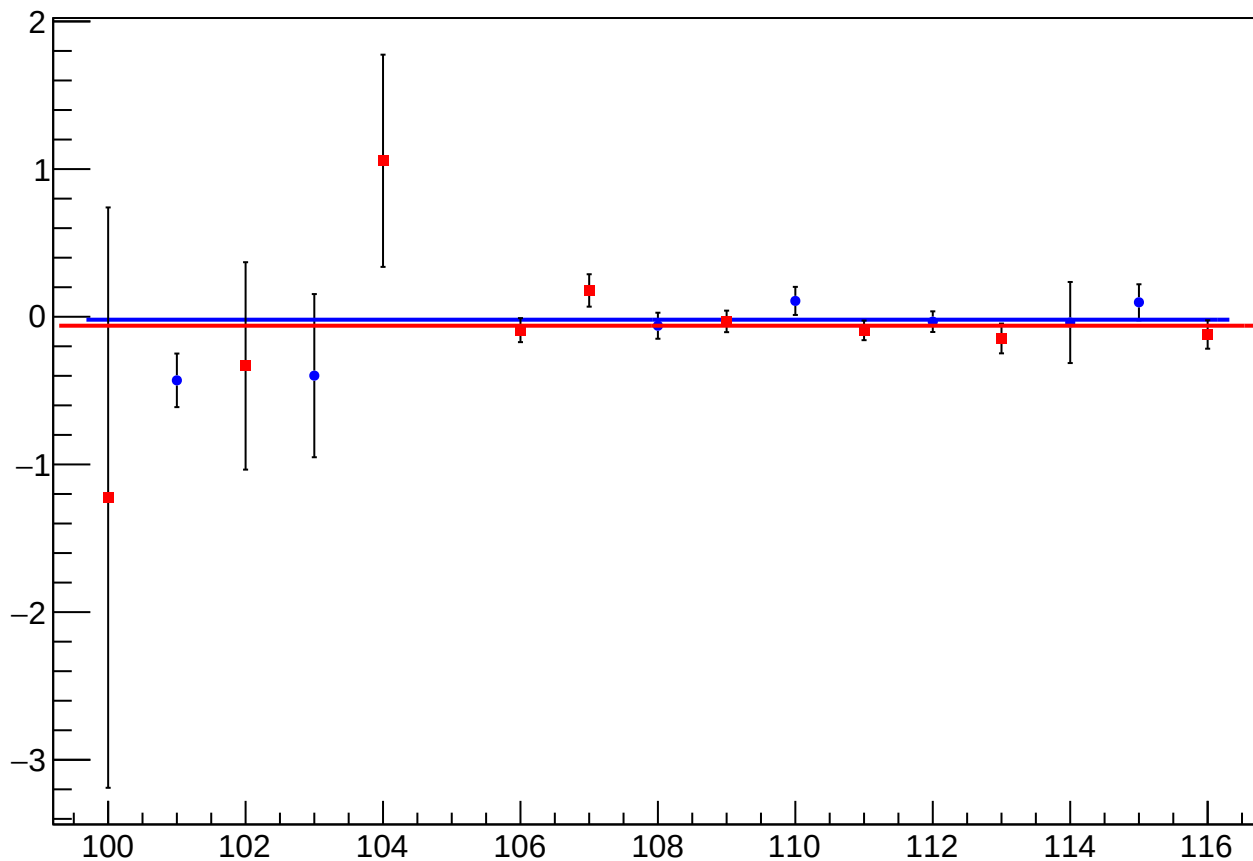
Right: 0.000+/-0.000 χ^2/NDF : 782744.7/15

In: 0.000+/-0.000 χ^2/NDF : 235054.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 782744.7/15

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.020 ± 0.042 χ^2/NDF : 8.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.061 ± 0.034 χ^2/NDF : 9.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

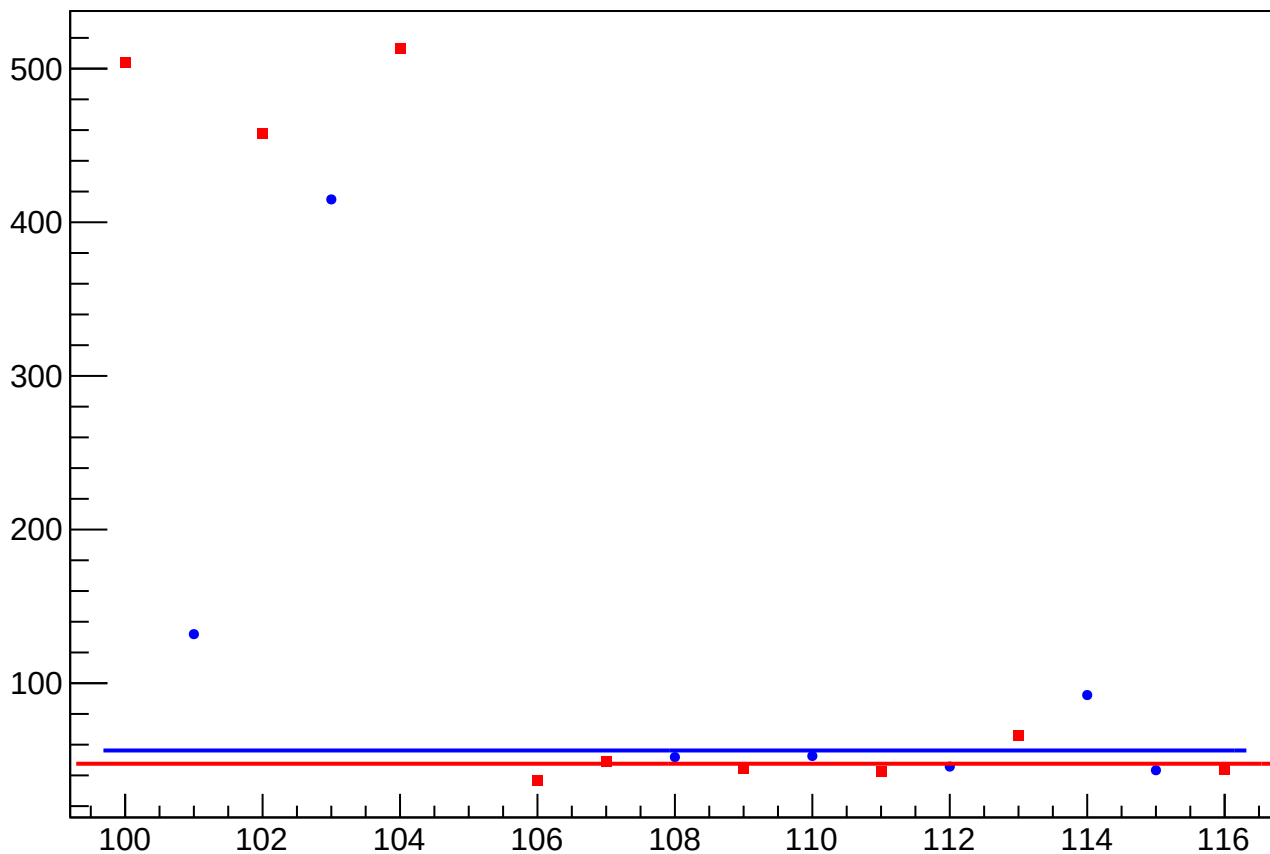
Right: -0.045 ± 0.027 χ^2/NDF : 18.4/15

In: -0.020 ± 0.042 χ^2/NDF : 8.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.045 ± 0.027 χ^2/NDF : 18.4/15

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.215+/-0.030 χ^2/NDF : 1300621.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.590+/-0.024 χ^2/NDF : 1753142.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

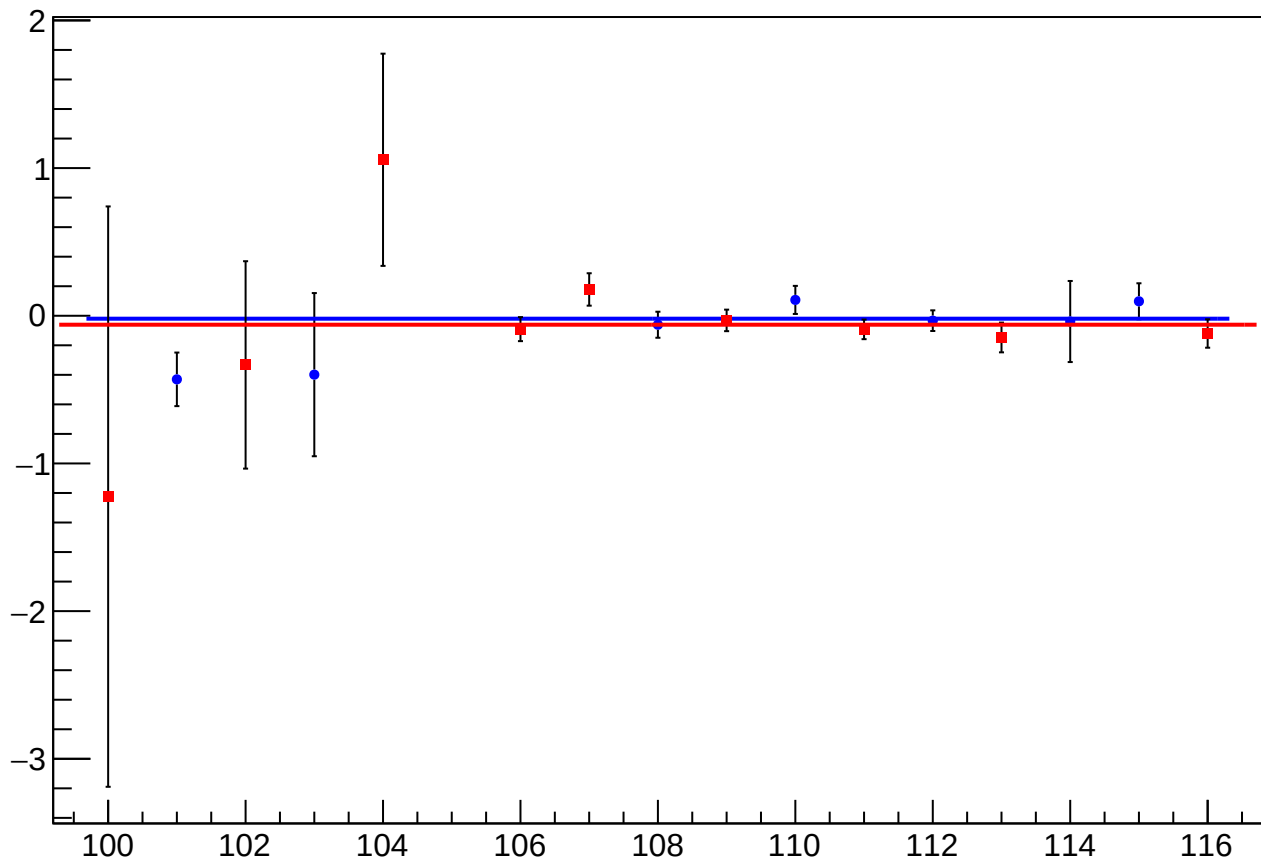
Right: 50.984+/-0.019 χ^2/NDF : 3104122.5/15

In: 56.215+/-0.030 χ^2/NDF : 1300621.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.984+/-0.019 χ^2/NDF : 3104122.5/15

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.042 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.061+/-0.034 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

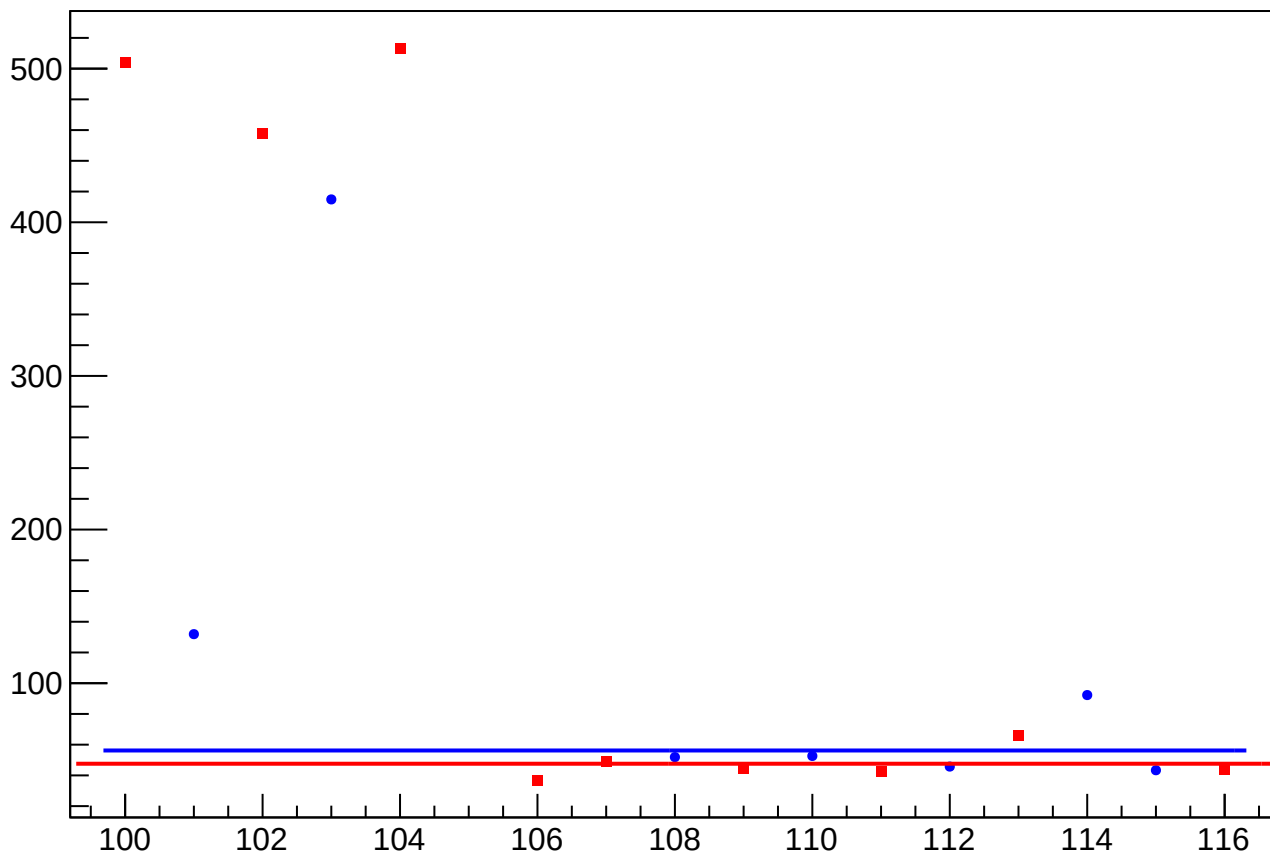
Right: -0.045+/-0.027 χ^2/NDF : 18.4/15

In: -0.020+/-0.042 χ^2/NDF :8.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.045+/-0.027 χ^2/NDF : 18.4/15

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.215+/-0.030 χ^2/NDF : 1300621.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.590+/-0.024 χ^2/NDF : 1753142.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

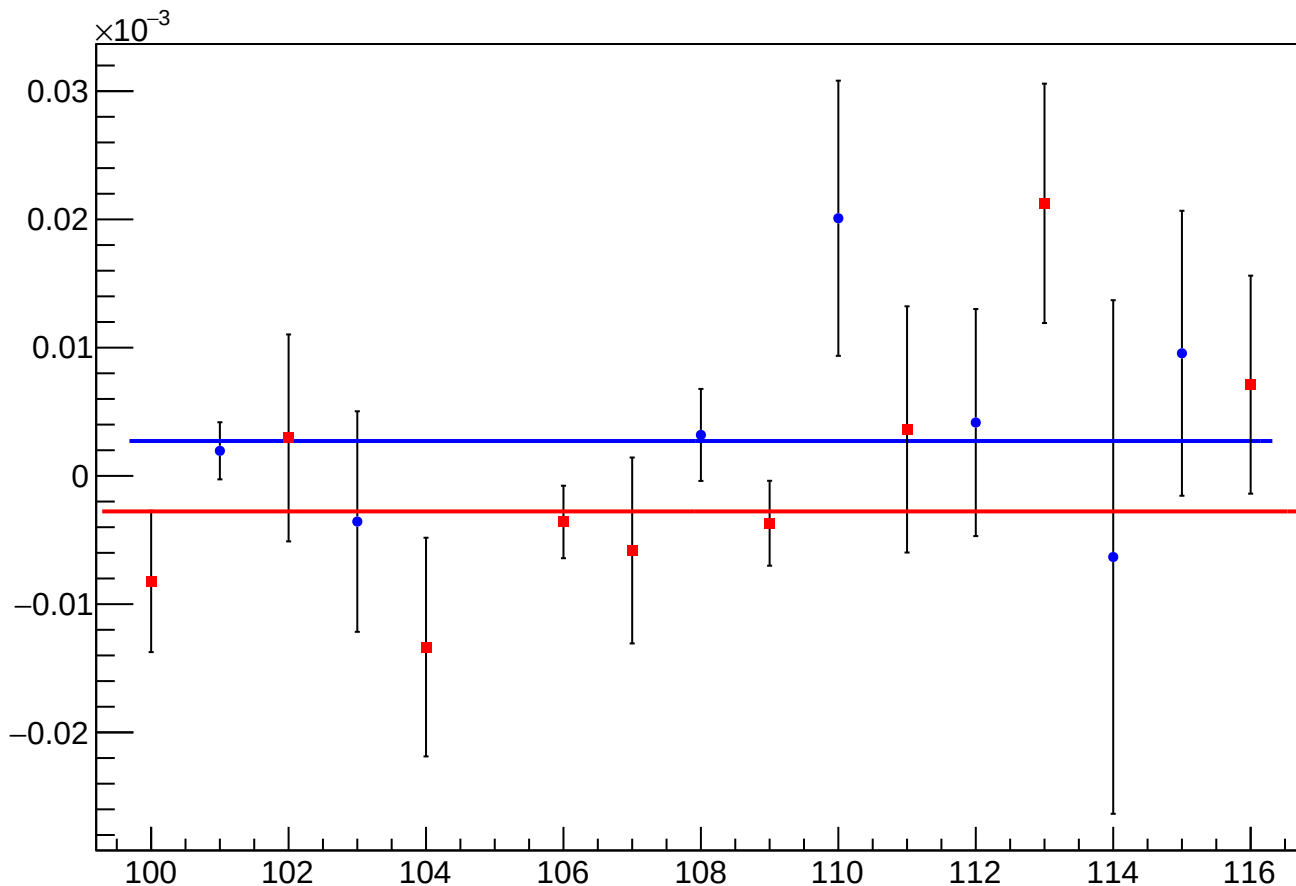
Right: 50.984+/-0.019 χ^2/NDF : 3104122.5/15

In: 56.215+/-0.030 χ^2/NDF : 1300621.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.984+/-0.019 χ^2/NDF : 3104122.5/15

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

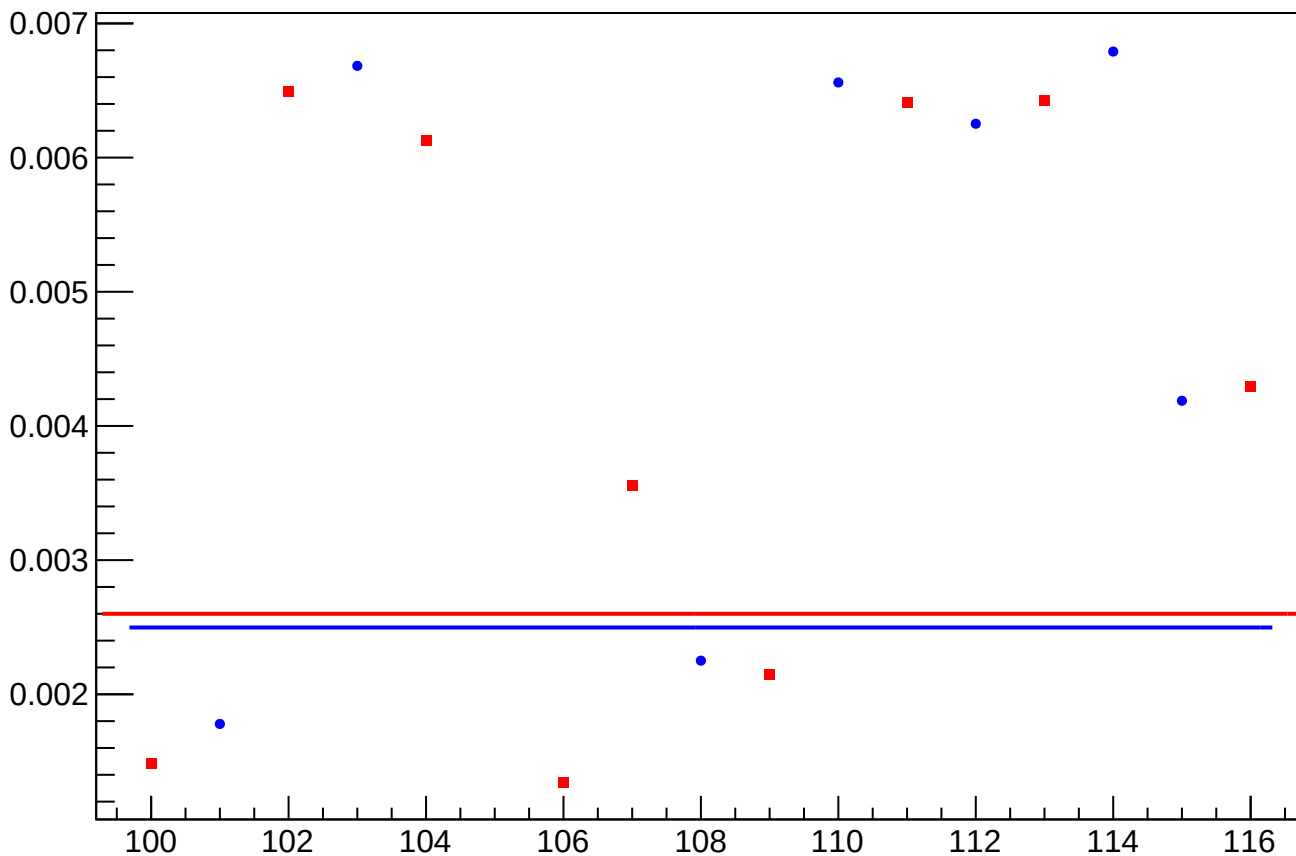
Right: -0.000+/-0.000 χ^2/NDF : 20.6/15

In: 0.000+/-0.000 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/15

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1476610.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2088010.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

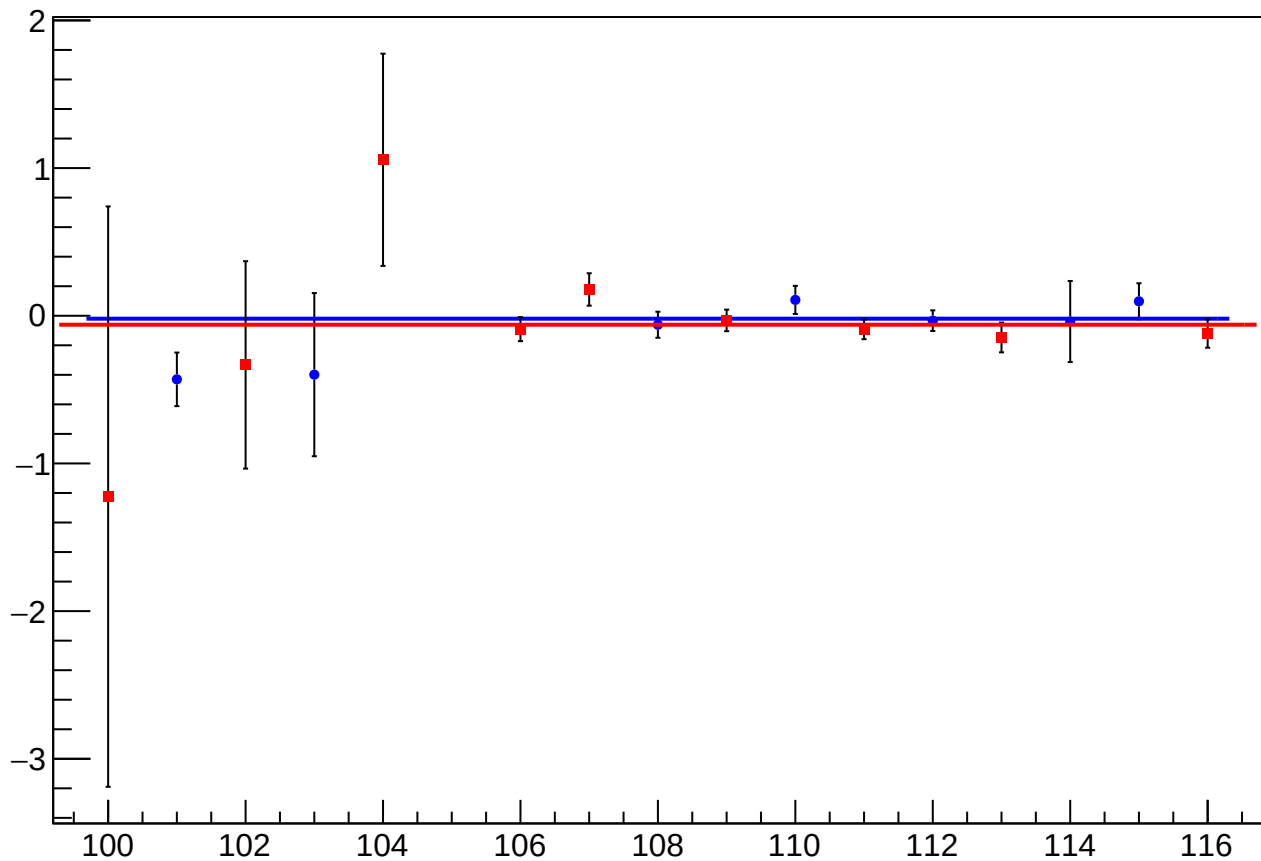
Right: 0.003+/-0.000 χ^2/NDF : 3568054.9/15

In: 0.002+/-0.000 χ^2/NDF :1476610.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3568054.9/15

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.042 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.061+/-0.034 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

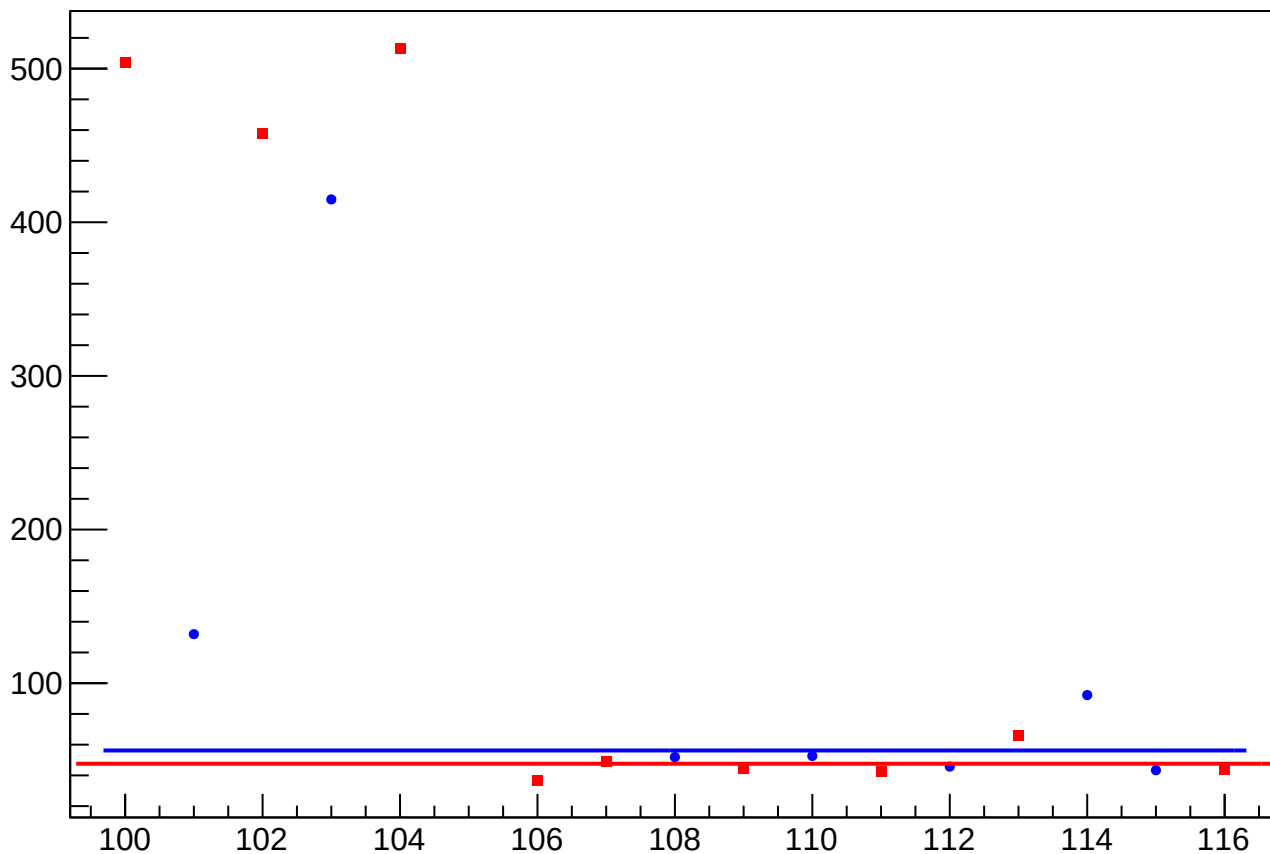
Right: -0.045+/-0.027 χ^2/NDF : 18.4/15

In: -0.020+/-0.042 χ^2/NDF :8.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.045+/-0.027 χ^2/NDF : 18.4/15

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.217+/-0.030 χ^2/NDF : 1300598.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.590+/-0.024 χ^2/NDF : 1753113.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

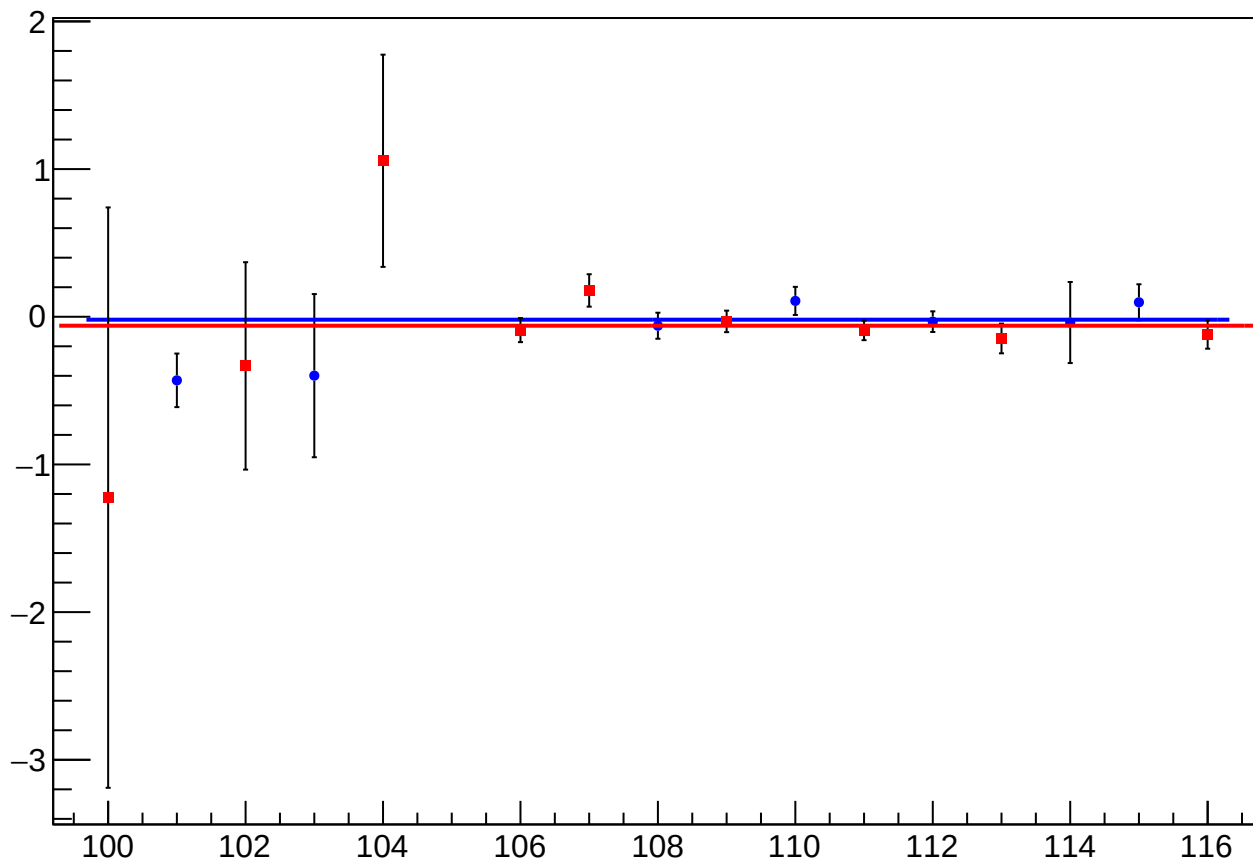
Right: 50.984+/-0.019 χ^2/NDF : 3104088.5/15

In: 56.217+/-0.030 χ^2/NDF : 1300598.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.984+/-0.019 χ^2/NDF : 3104088.5/15

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.042 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.061+/-0.034 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

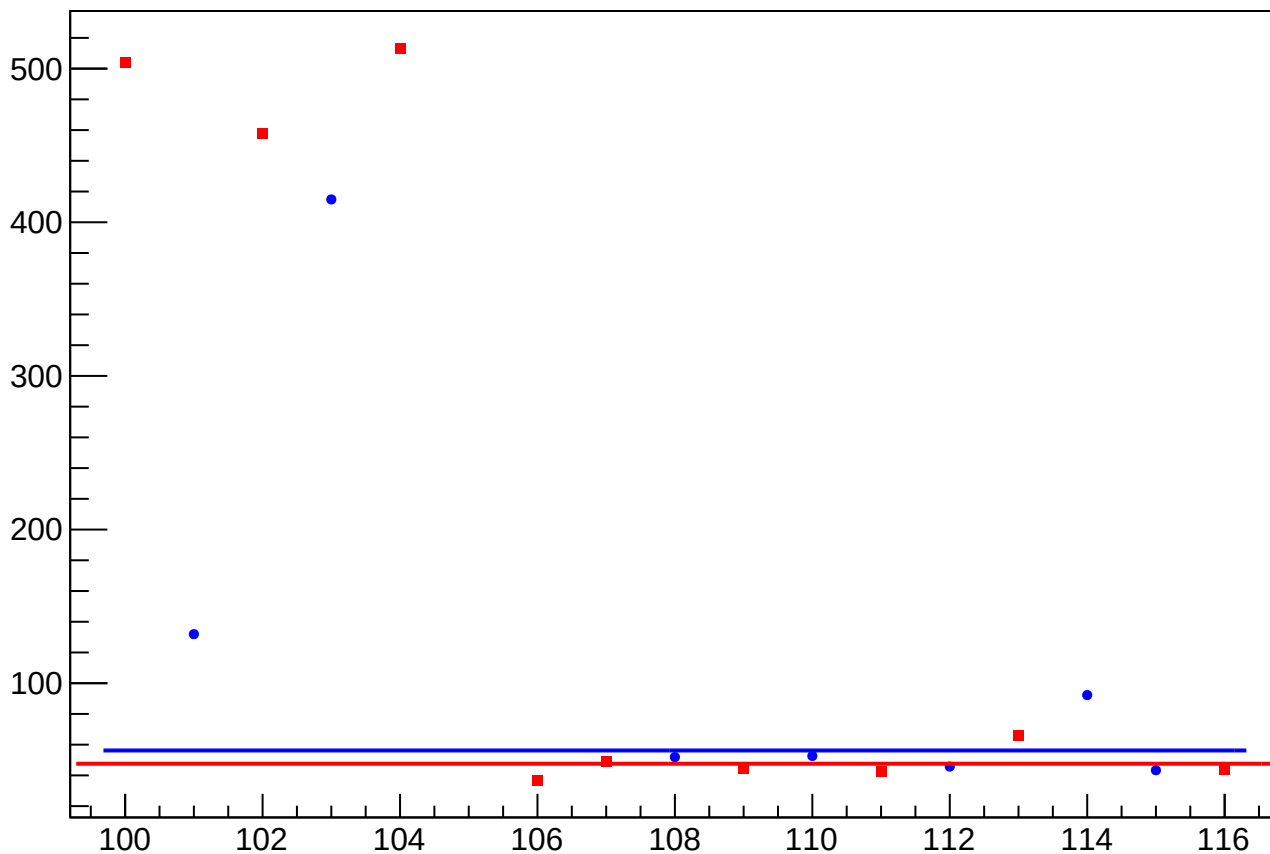
Right: -0.045+/-0.027 χ^2/NDF : 18.4/15

In: -0.020+/-0.042 χ^2/NDF :8.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.045+/-0.027 χ^2/NDF : 18.4/15

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.217+/-0.030 χ^2/NDF : 1300598.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.590+/-0.024 χ^2/NDF : 1753113.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

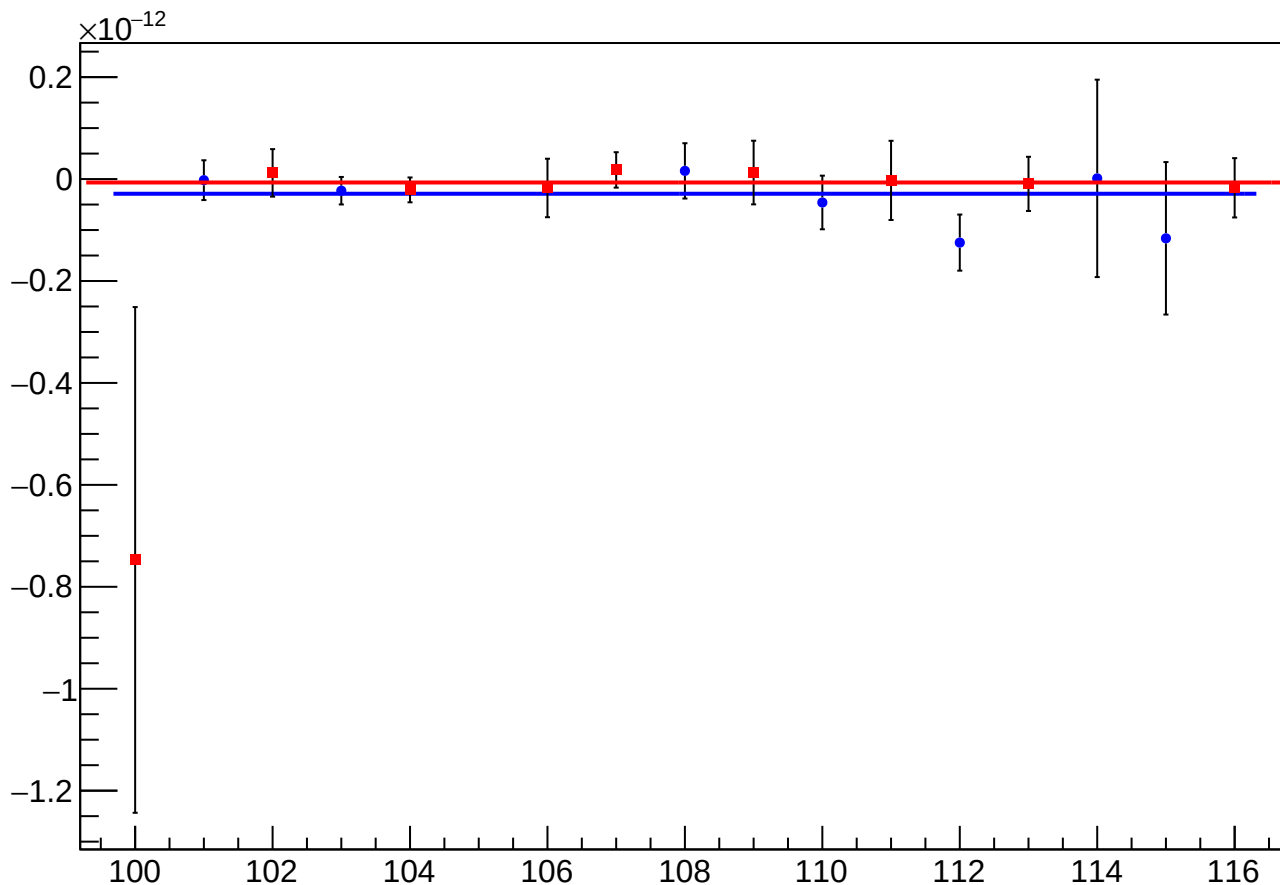
Right: 50.984+/-0.019 χ^2/NDF : 3104088.5/15

In: 56.217+/-0.030 χ^2/NDF : 1300598.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.984+/-0.019 χ^2/NDF : 3104088.5/15

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

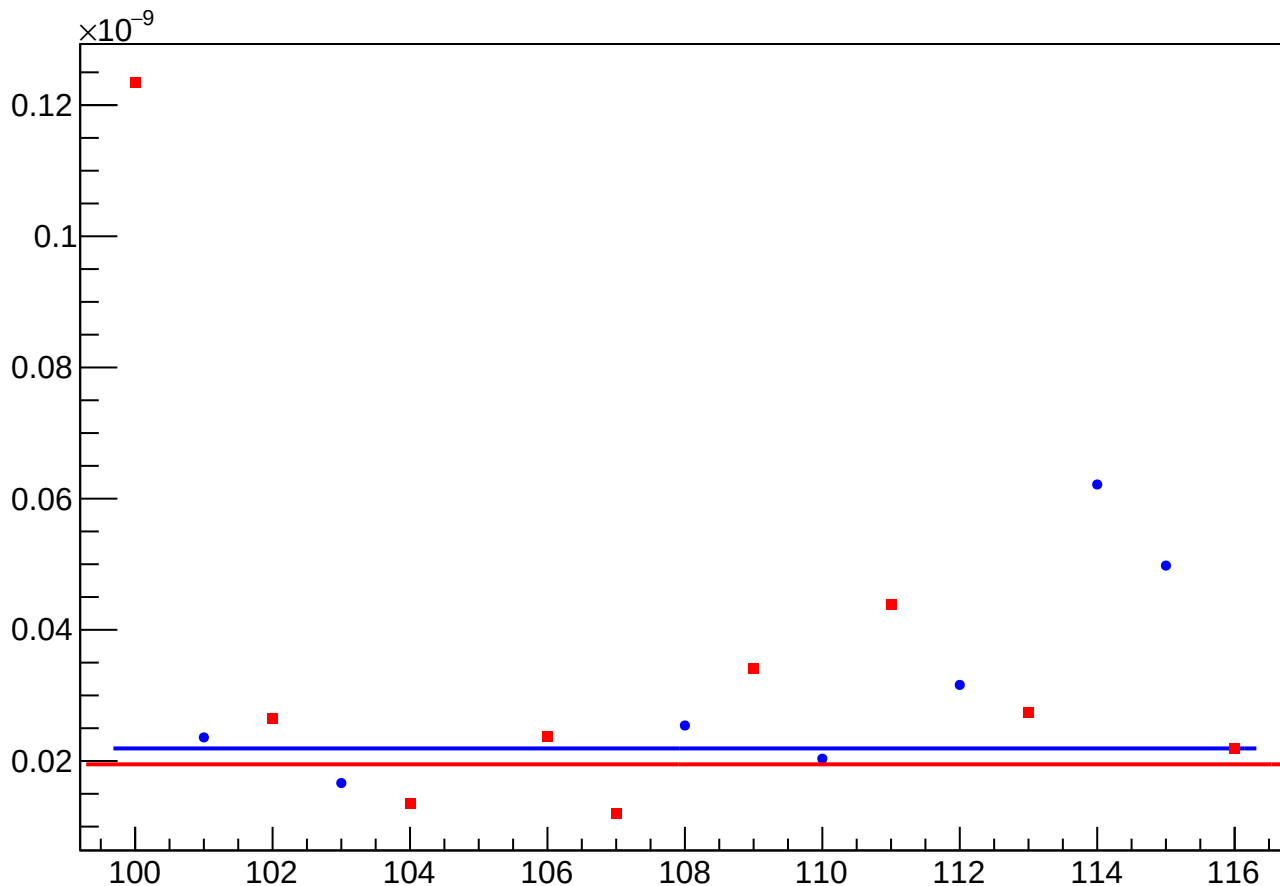
Right: -0.000+/-0.000 χ^2/NDF : 9.0/15

In: -0.000+/-0.000 χ^2/NDF :4.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.0/15

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 307909.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 707936.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

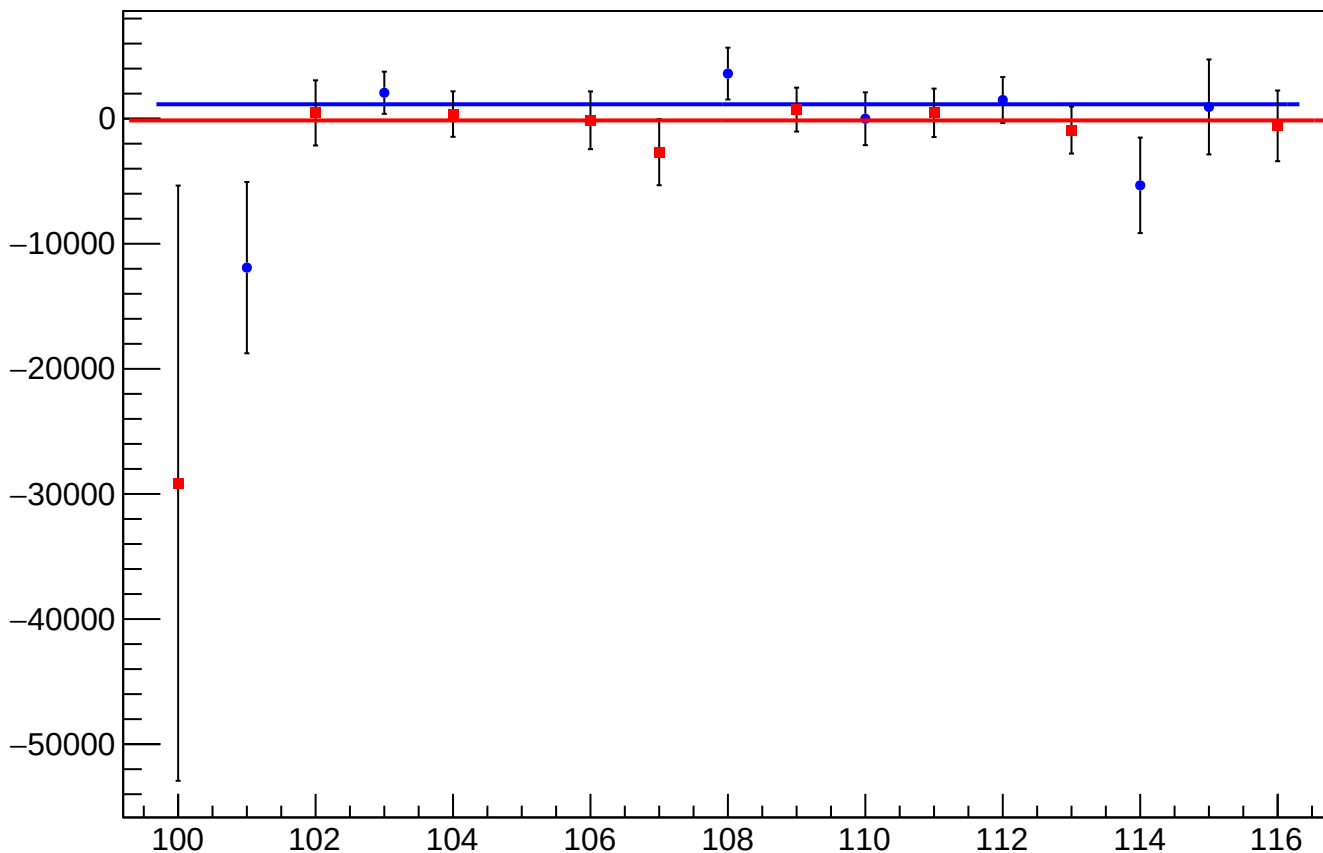
Right: 0.000+/-0.000 χ^2/NDF : 1037242.5/15

In: 0.000+/-0.000 χ^2/NDF : 307909.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1037242.5/15

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1148.955+/-888.796 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -141.269+/-748.872 χ^2/NDF : 3.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

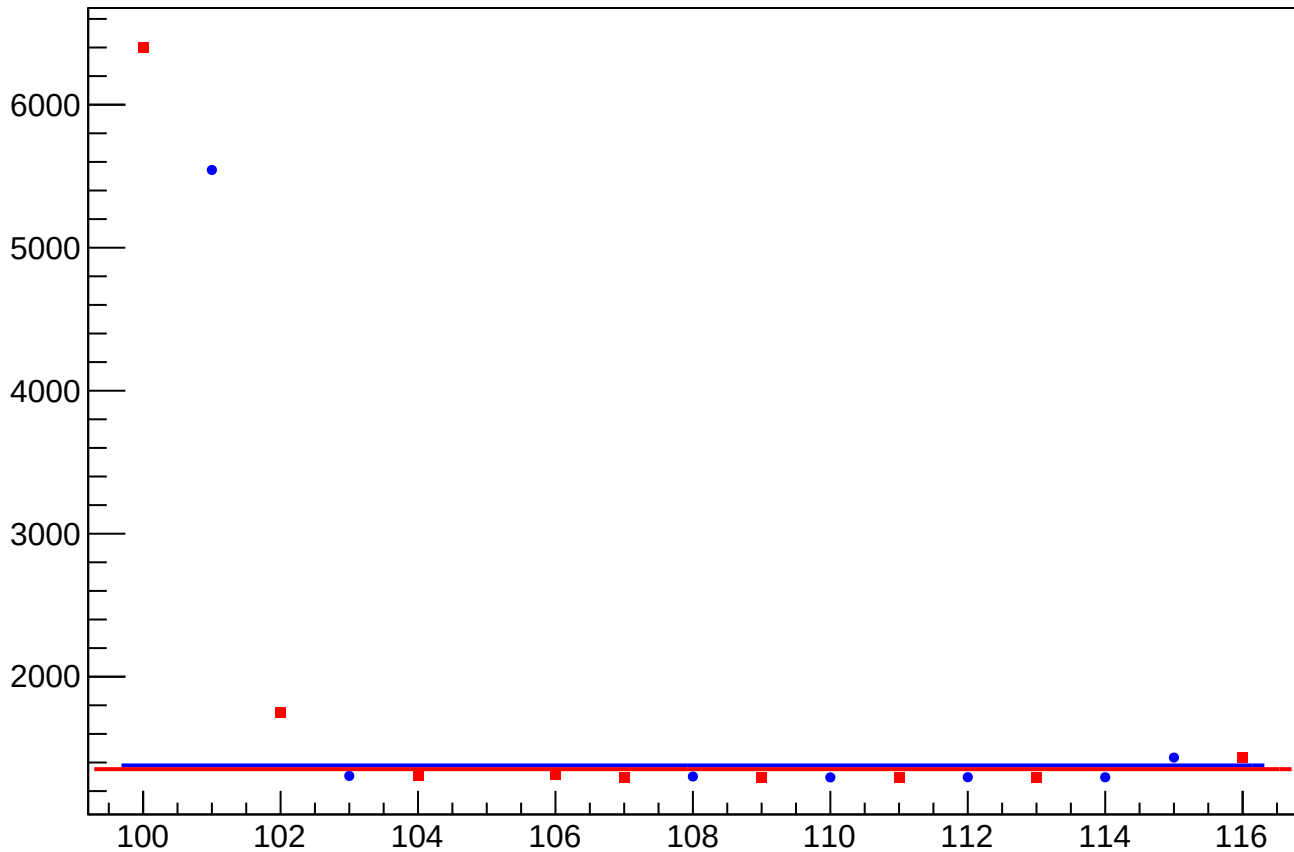
Right: 394.404+/-572.690 χ^2/NDF : 12.9/15

In: 1148.955+/-888.796 χ^2/NDF :8.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 394.404+/-572.690 χ^2/NDF : 12.9/15

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1379.448+/-0.628 χ^2/NDF : 754883.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.472+/-0.530 χ^2/NDF : 146377.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

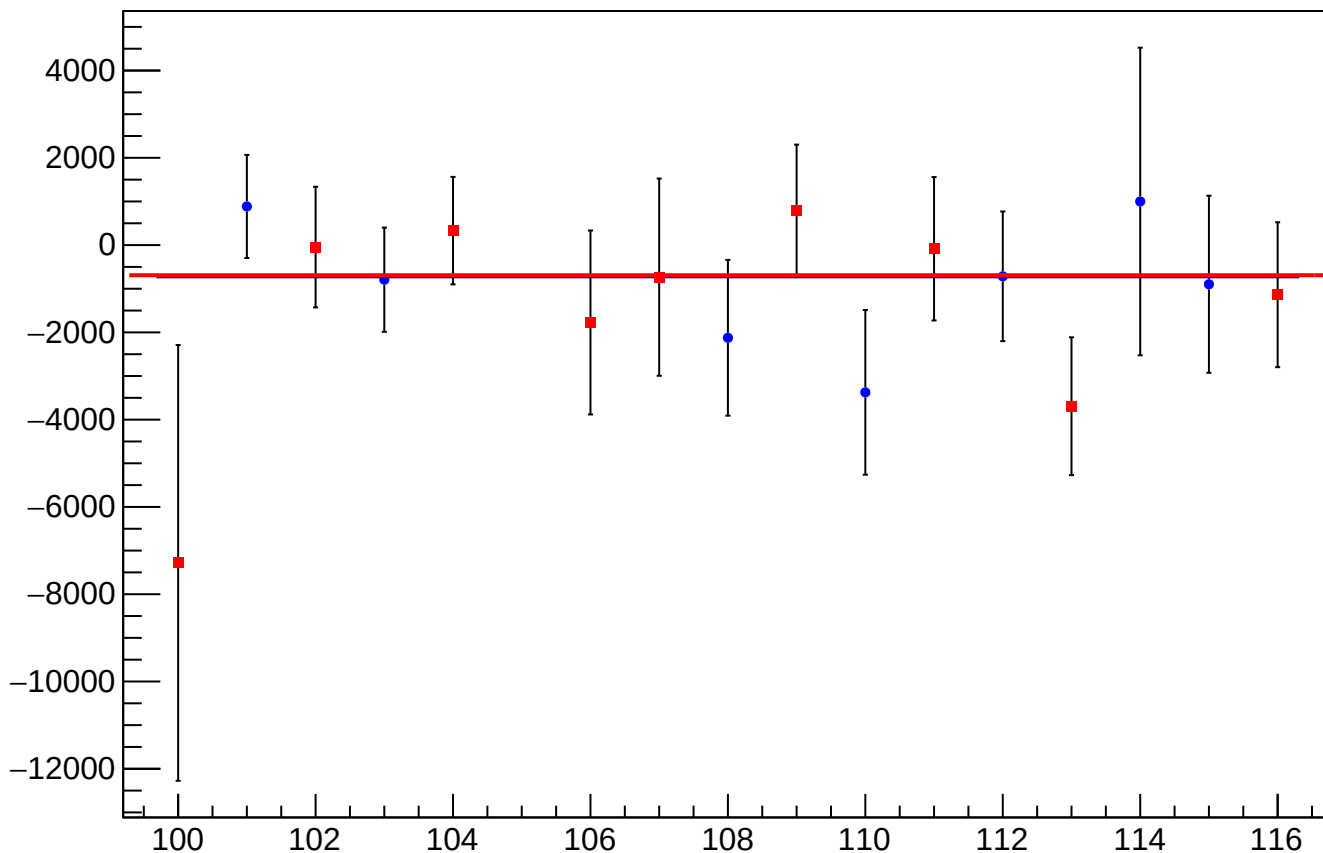
Right: 1364.257+/-0.405 χ^2/NDF : 902260.1/15

In: 1379.448+/-0.628 χ^2/NDF : 754883.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.257+/-0.405 χ^2/NDF : 902260.1/15

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -715.674+/-598.731 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -690.236+/-557.640 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

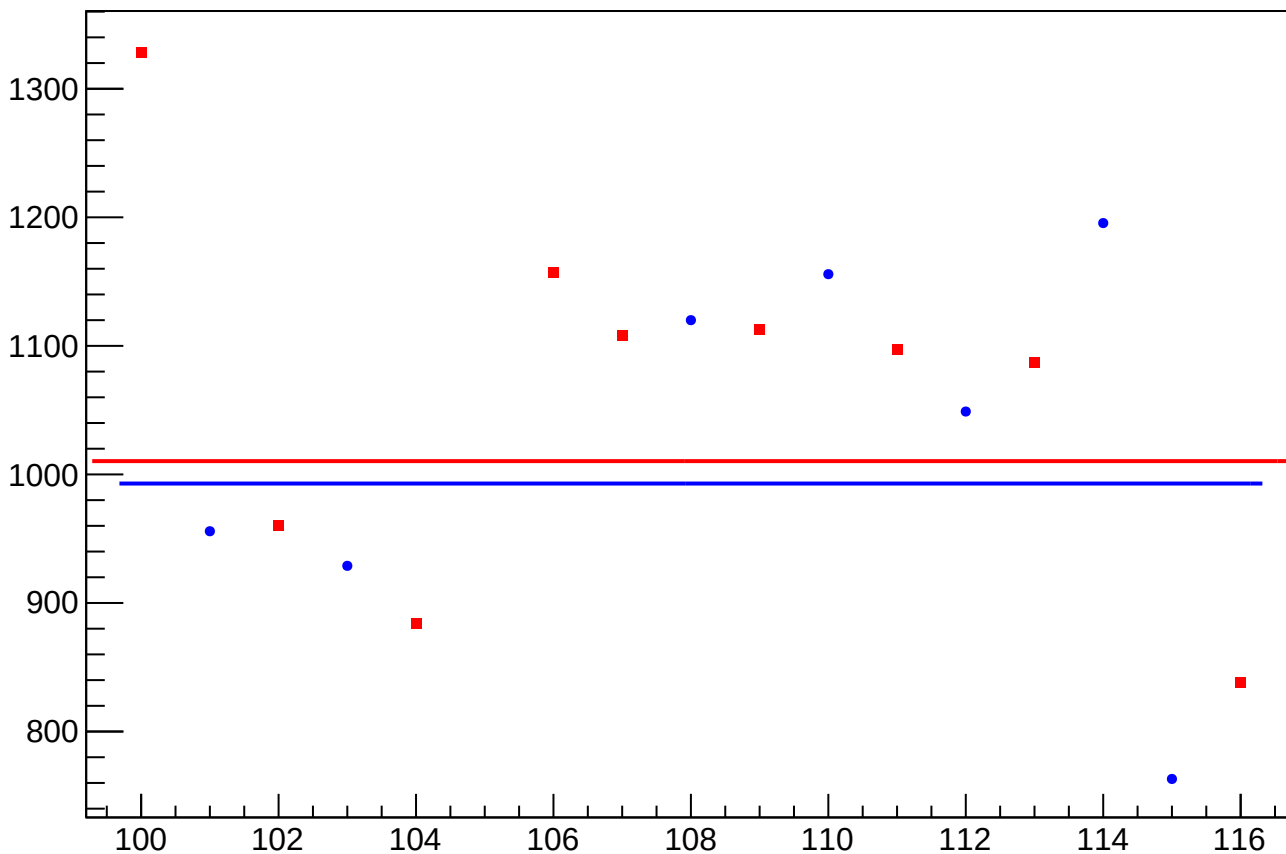
Right: -702.052+/-408.065 χ^2/NDF : 12.4/15

In: -715.674+/-598.731 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -702.052+/-408.065 χ^2/NDF : 12.4/15

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 992.907+/-0.423 χ^2/NDF : 67859.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1010.356+/-0.394 χ^2/NDF : 86426.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

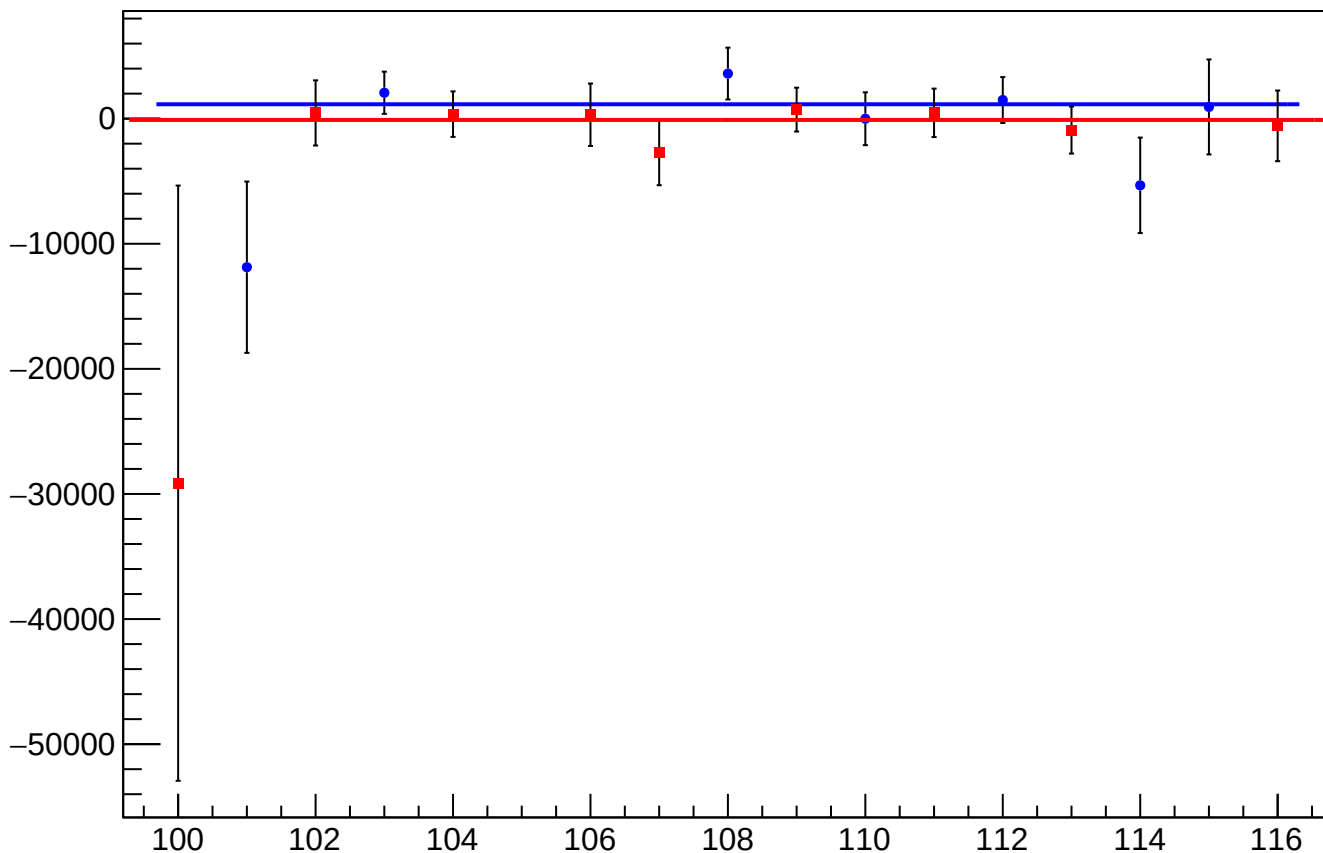
Right: 1002.251+/-0.289 χ^2/NDF : 155195.8/15

In: 992.907+/-0.423 χ^2/NDF : 67859.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.251+/-0.289 χ^2/NDF : 155195.8/15

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1149.488+/-888.796 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.655+/-754.619 χ^2/NDF : 3.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

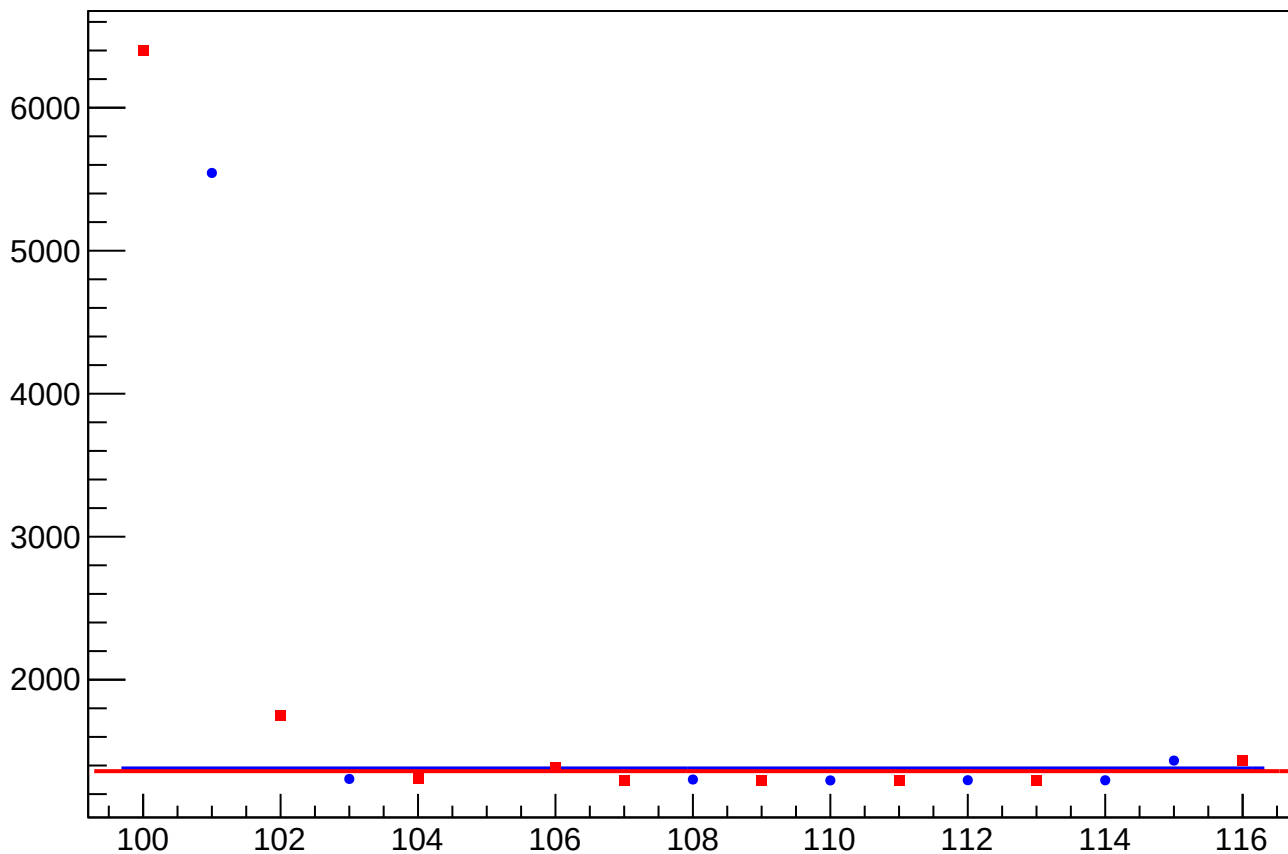
Right: 422.443+/-575.248 χ^2/NDF : 12.8/15

In: 1149.488+/-888.796 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.443+/-575.248 χ^2/NDF : 12.8/15

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1379.447+/-0.628 χ^2/NDF : 754882.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.547+/-0.534 χ^2/NDF : 146116.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

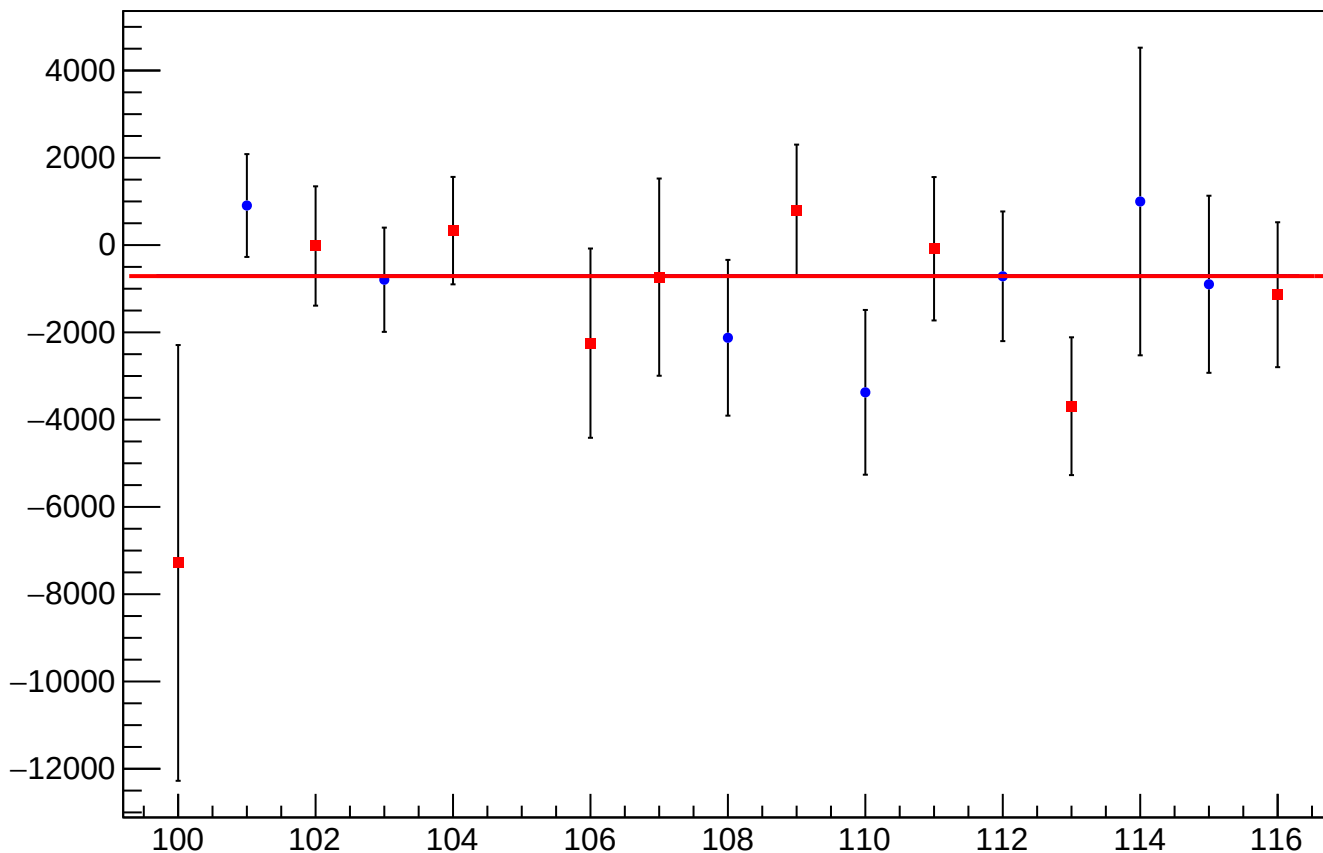
Right: 1368.464+/-0.407 χ^2/NDF : 901525.0/15

In: 1379.447+/-0.628 χ^2/NDF : 754882.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.464+/-0.407 χ^2/NDF : 901525.0/15

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -708.986+/-598.415 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -710.938+/-557.677 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

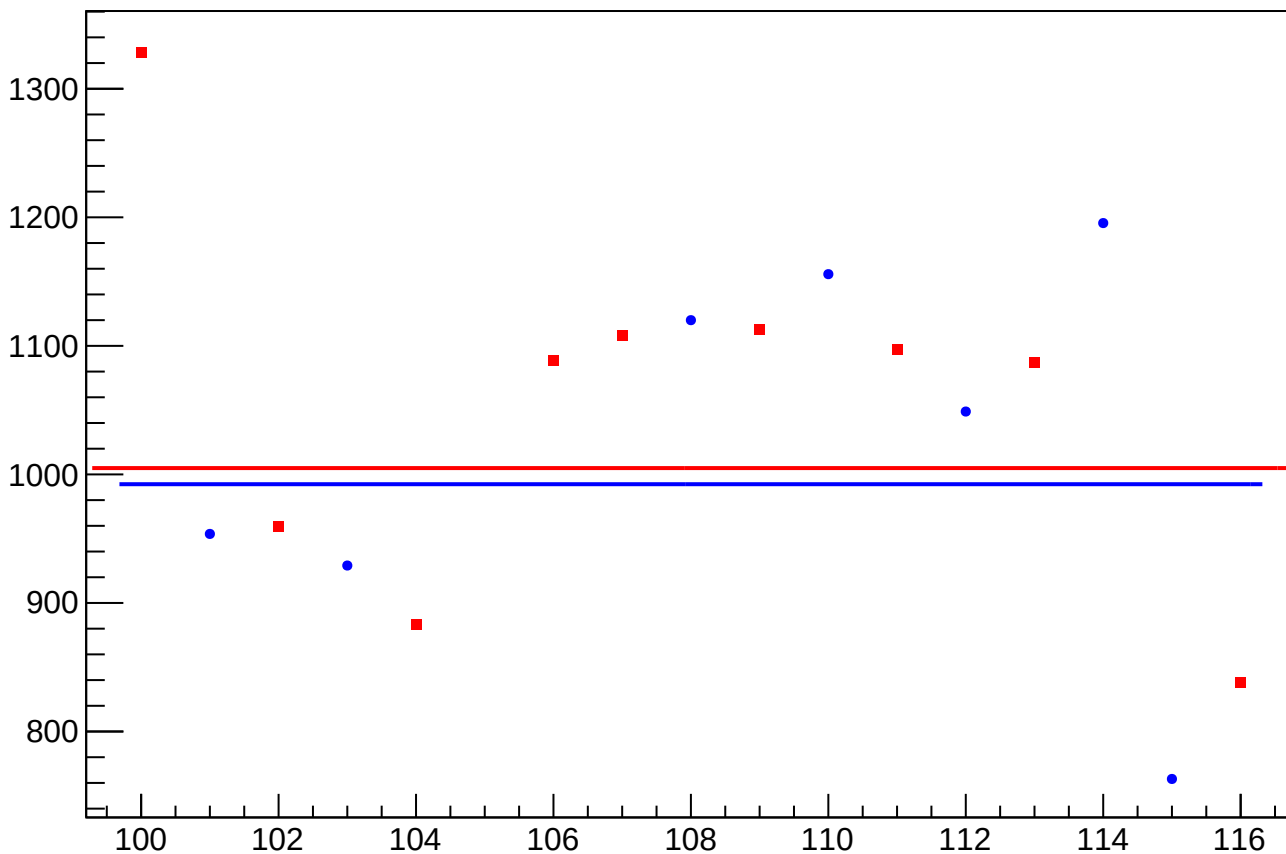
Right: -710.031+/-407.979 χ^2/NDF : 12.7/15

In: -708.986+/-598.415 χ^2/NDF :4.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -710.031+/-407.979 χ^2/NDF : 12.7/15

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.378+/-0.423 χ^2/NDF : 68062.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1004.924+/-0.394 χ^2/NDF : 79305.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

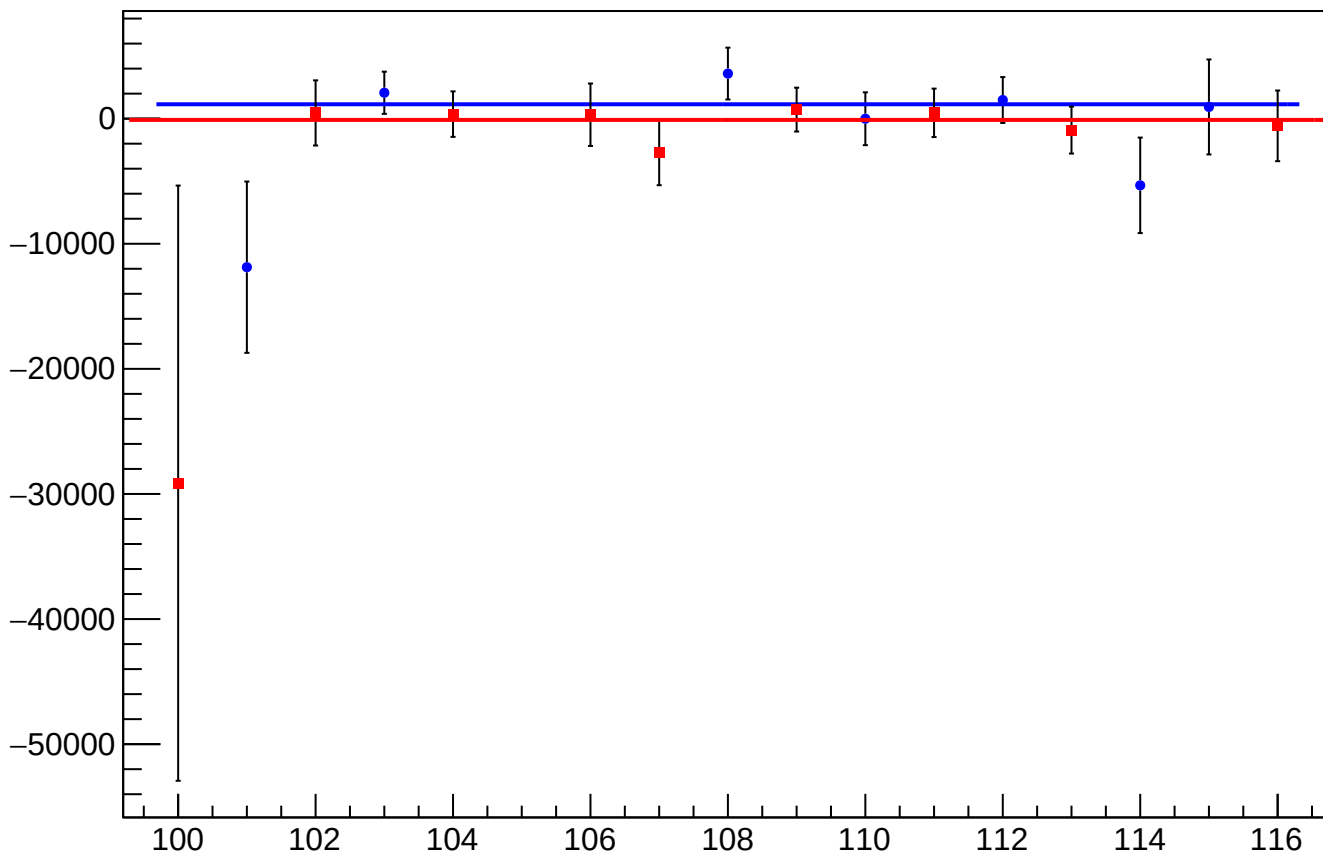
Right: 999.092+/-0.288 χ^2/NDF : 147837.9/15

In: 992.378+/-0.423 χ^2/NDF : 68062.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.092+/-0.288 χ^2/NDF : 147837.9/15

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1149.488+/-888.796 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.655+/-754.619 χ^2/NDF : 3.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

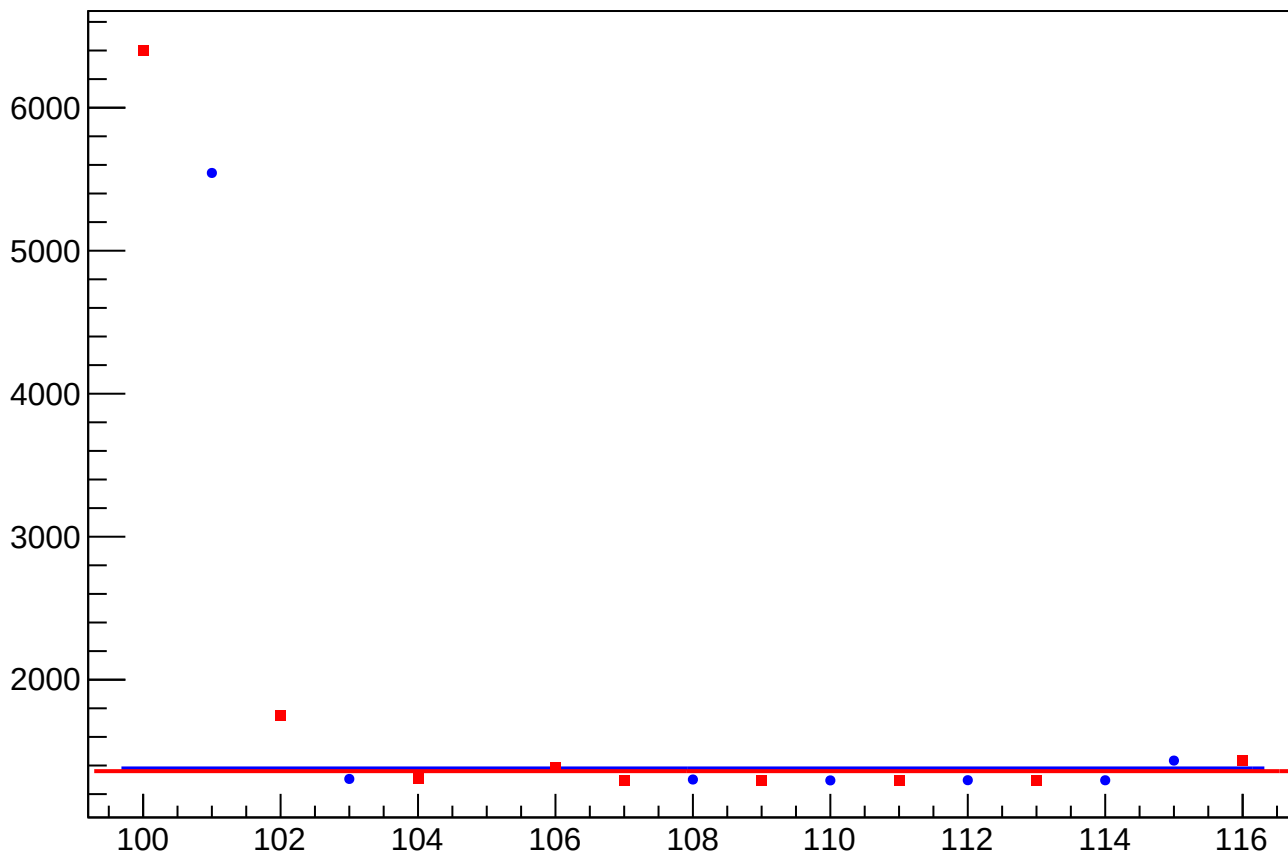
Right: 422.443+/-575.248 χ^2/NDF : 12.8/15

In: 1149.488+/-888.796 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.443+/-575.248 χ^2/NDF : 12.8/15

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1379.447+/-0.628 χ^2/NDF : 754882.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.547+/-0.534 χ^2/NDF : 146116.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

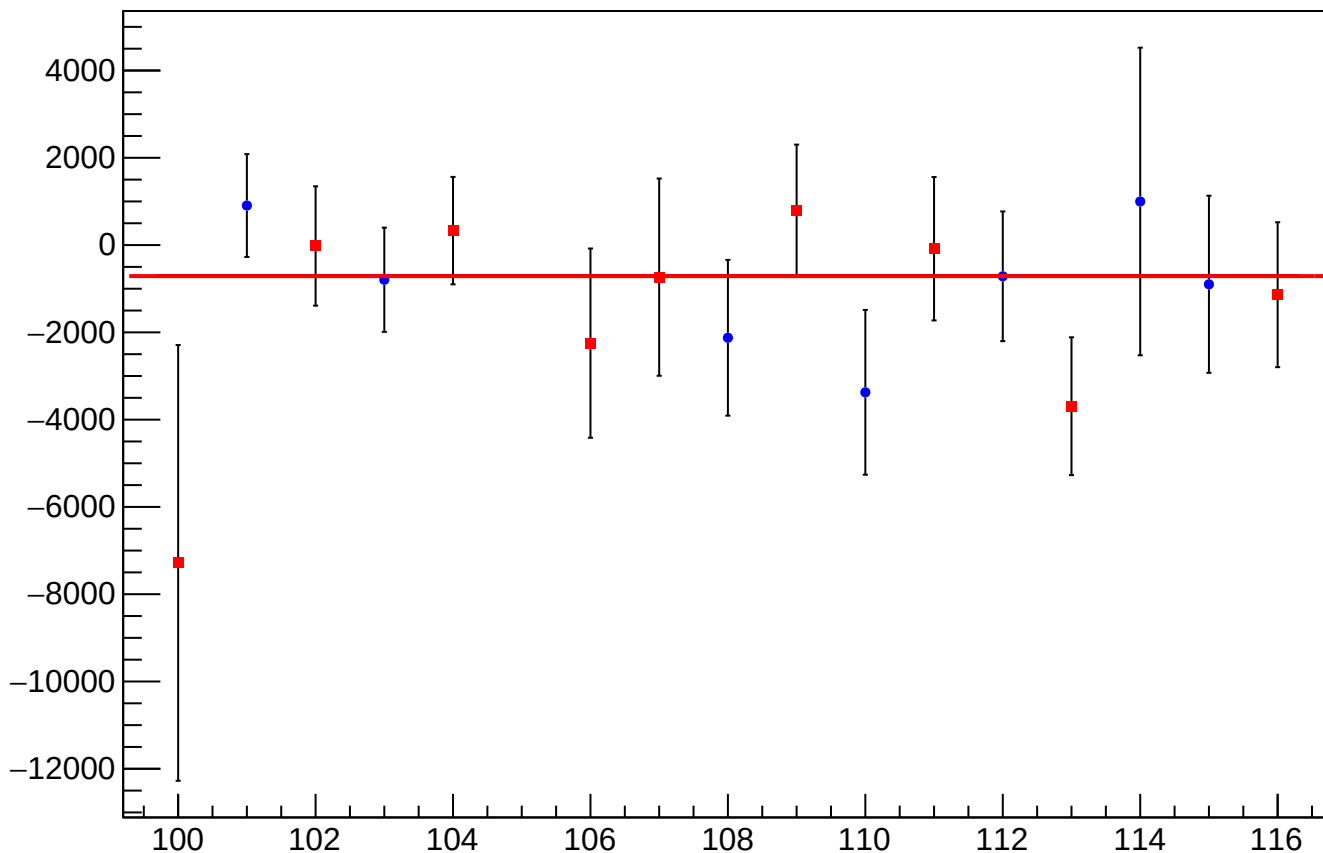
Right: 1368.464+/-0.407 χ^2/NDF : 901525.0/15

In: 1379.447+/-0.628 χ^2/NDF : 754882.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.464+/-0.407 χ^2/NDF : 901525.0/15

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -708.986+/-598.415 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -710.938+/-557.677 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

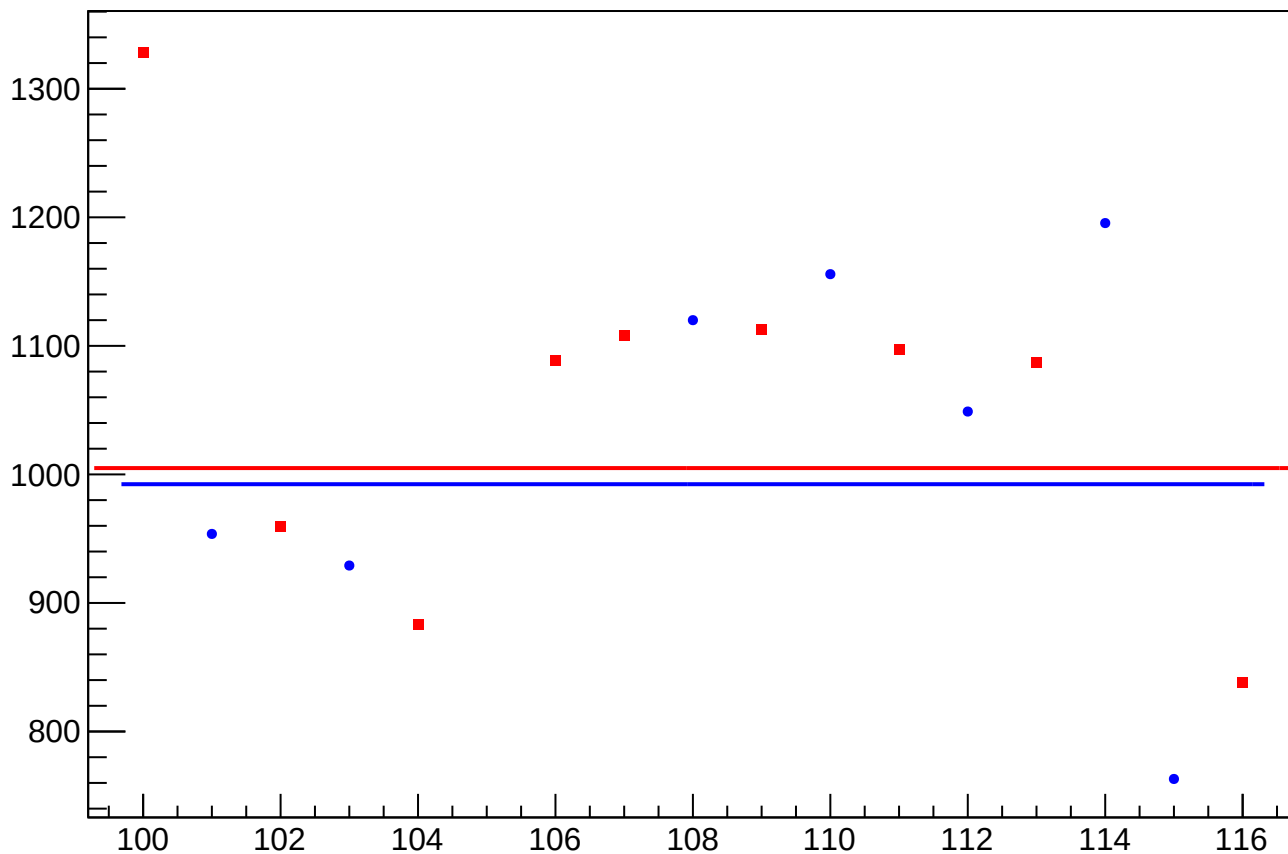
Right: -710.031+/-407.979 χ^2/NDF : 12.7/15

In: -708.986+/-598.415 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -710.031+/-407.979 χ^2/NDF : 12.7/15

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.378+/-0.423 χ^2/NDF : 68062.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1004.924+/-0.394 χ^2/NDF : 79305.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

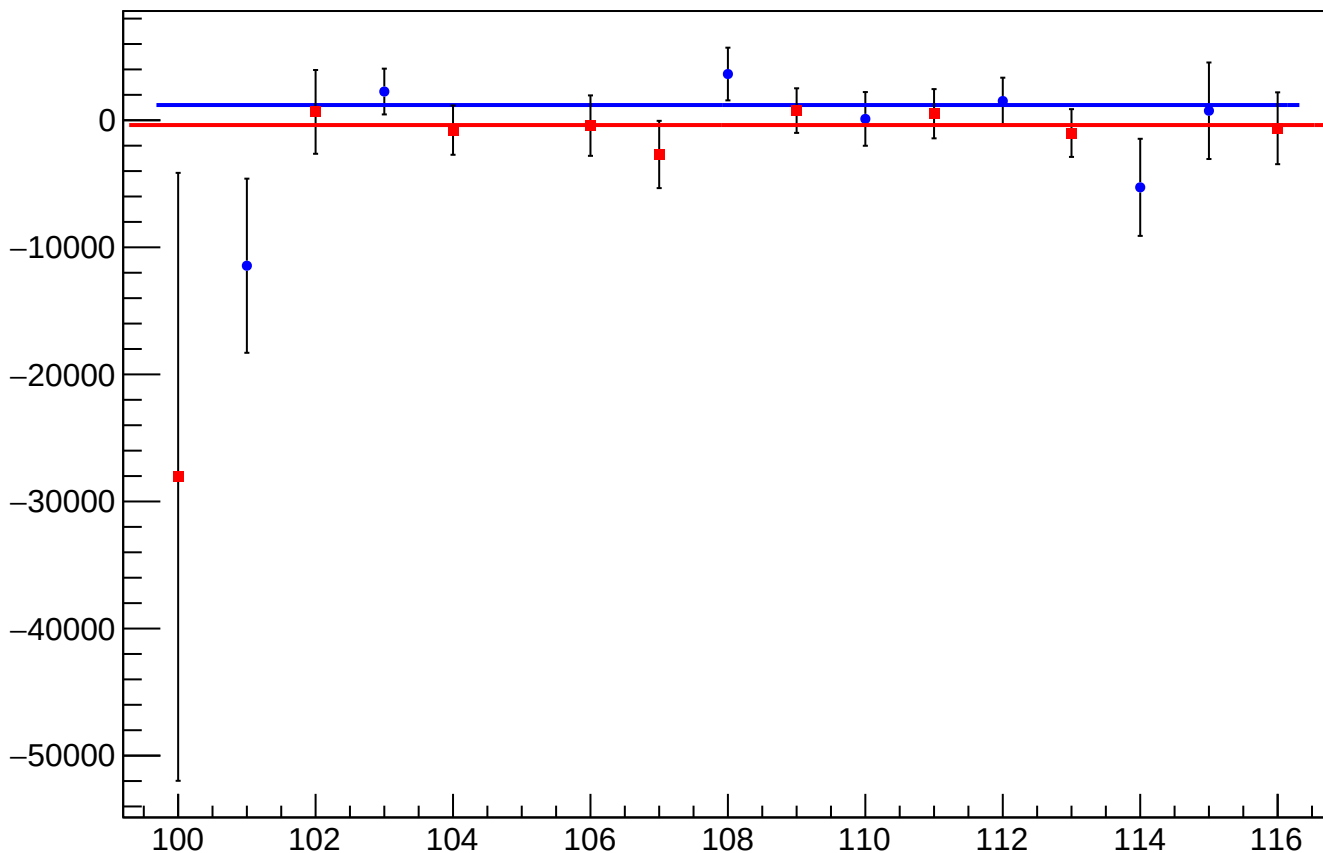
Right: 999.092+/-0.288 χ^2/NDF : 147837.9/15

In: 992.378+/-0.423 χ^2/NDF : 68062.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.092+/-0.288 χ^2/NDF : 147837.9/15

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1197.967 $\pm$ 904.985 χ^2/NDF : 8.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -377.449 $\pm$ 771.929 χ^2/NDF : 3.0/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

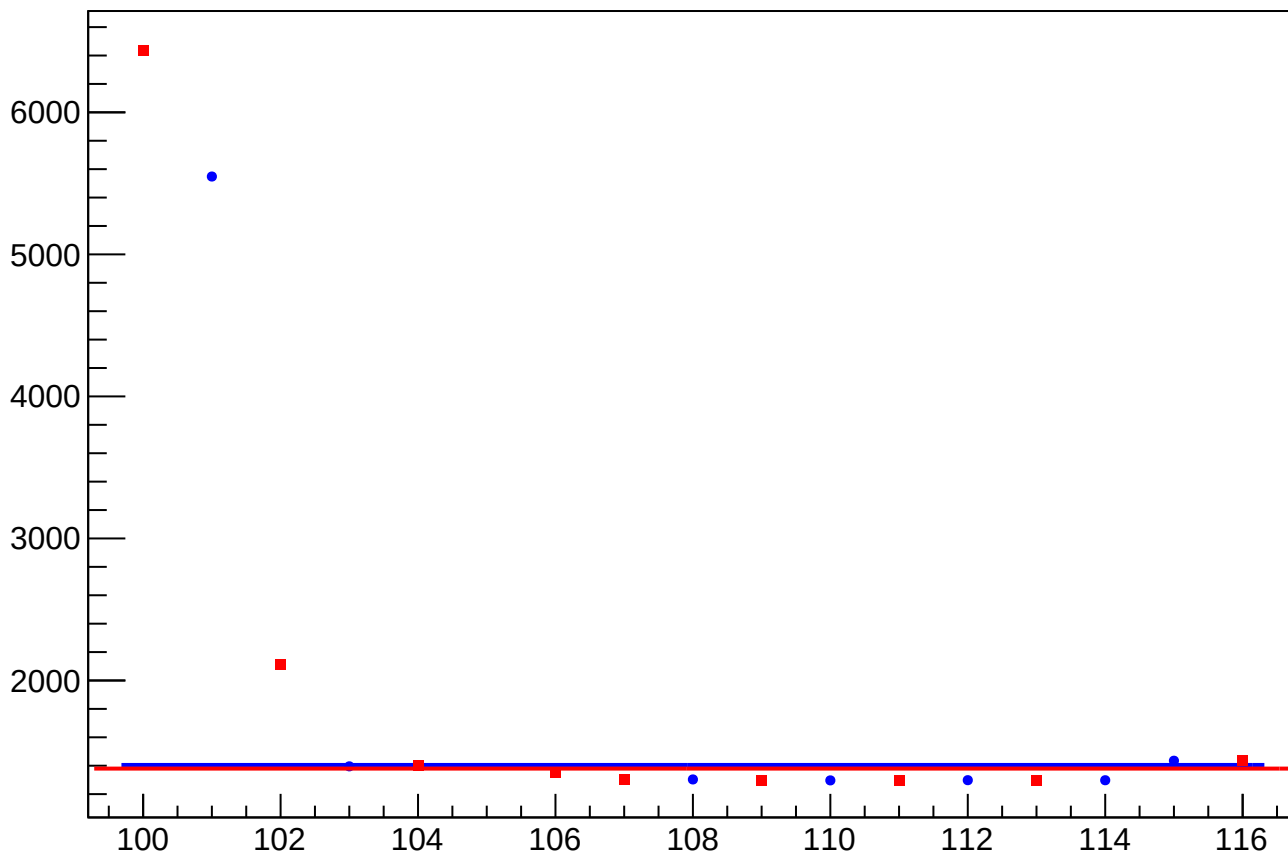
Right: 286.039 $\pm$ 587.300 χ^2/NDF : 13.1/15

In: 1197.967 $\pm$ 904.985 χ^2/NDF : 8.3/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 286.039 $\pm$ 587.300 χ^2/NDF : 13.1/15

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1405.352+/-0.640 χ^2/NDF : 749749.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1379.713+/-0.546 χ^2/NDF : 202456.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

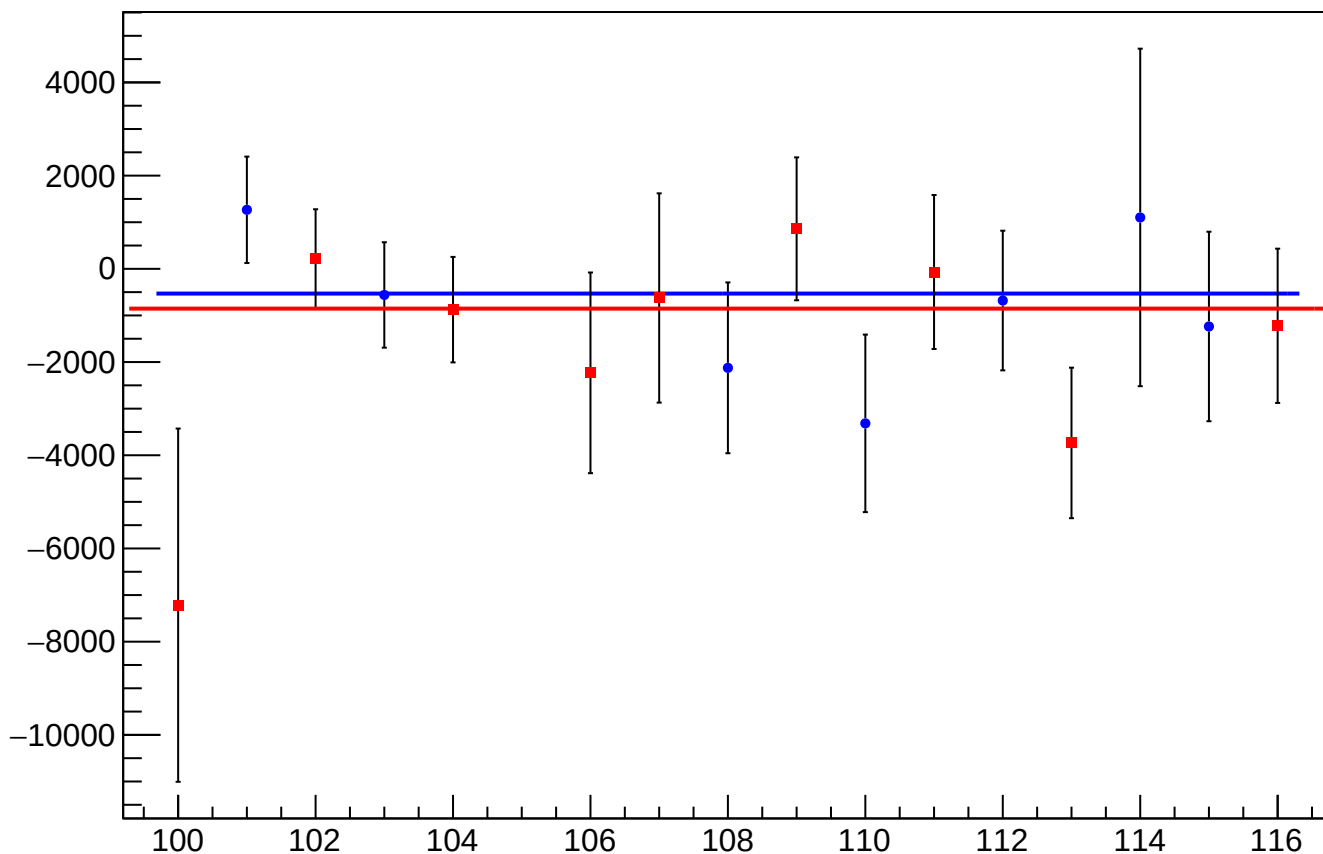
Right: 1390.511+/-0.415 χ^2/NDF : 953135.2/15

In: 1405.352+/-0.640 χ^2/NDF : 749749.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.511+/-0.415 χ^2/NDF : 953135.2/15

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -530.751+/-588.667 χ^2 /NDF: 5.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -853.481+/-520.999 χ^2 /NDF: 8.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

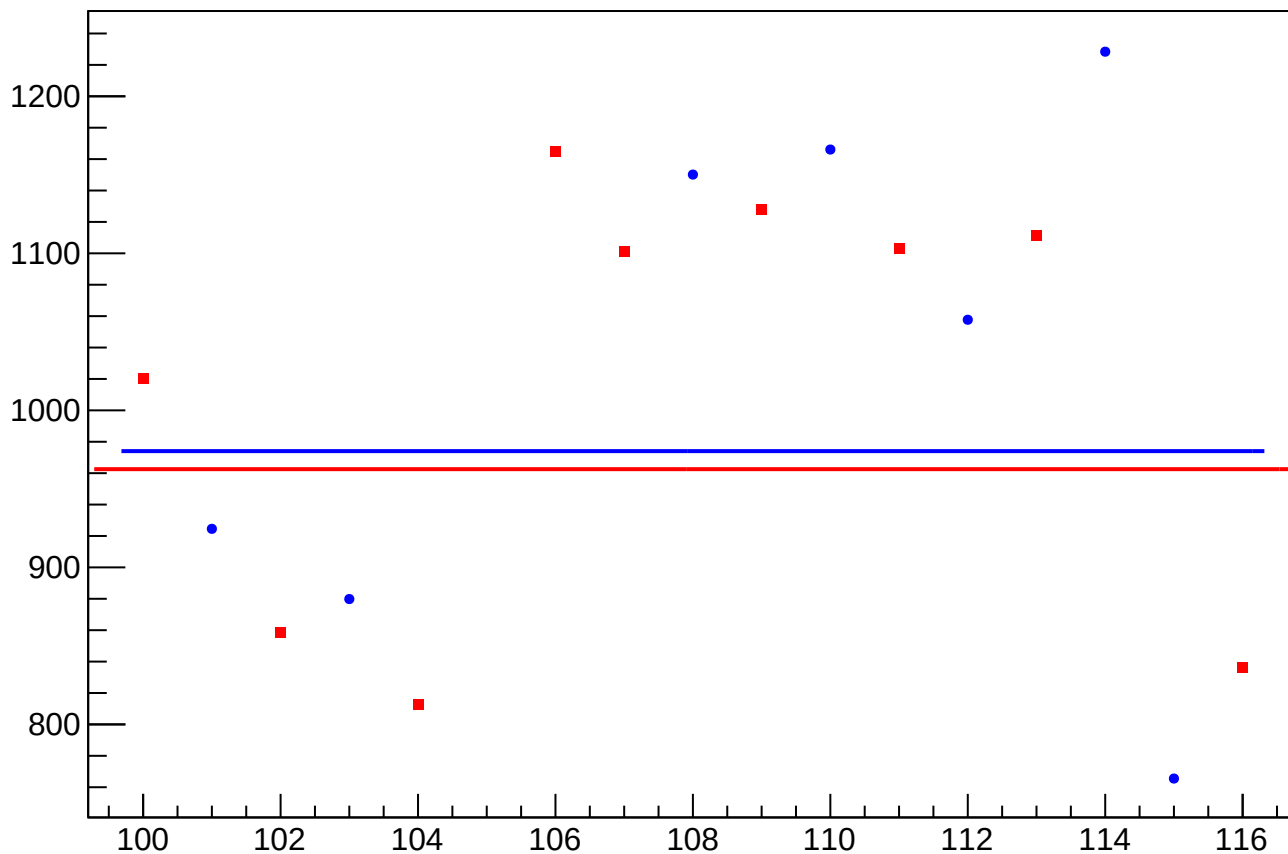
Right: -711.723+/-390.143 χ^2 /NDF: 14.8/15

In: -530.751+/-588.667 χ^2 /NDF:5.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -711.723+/-390.143 χ^2 /NDF: 14.8/15

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 974.041+/-0.416 χ^2/NDF : 93579.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.547+/-0.368 χ^2/NDF : 146118.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

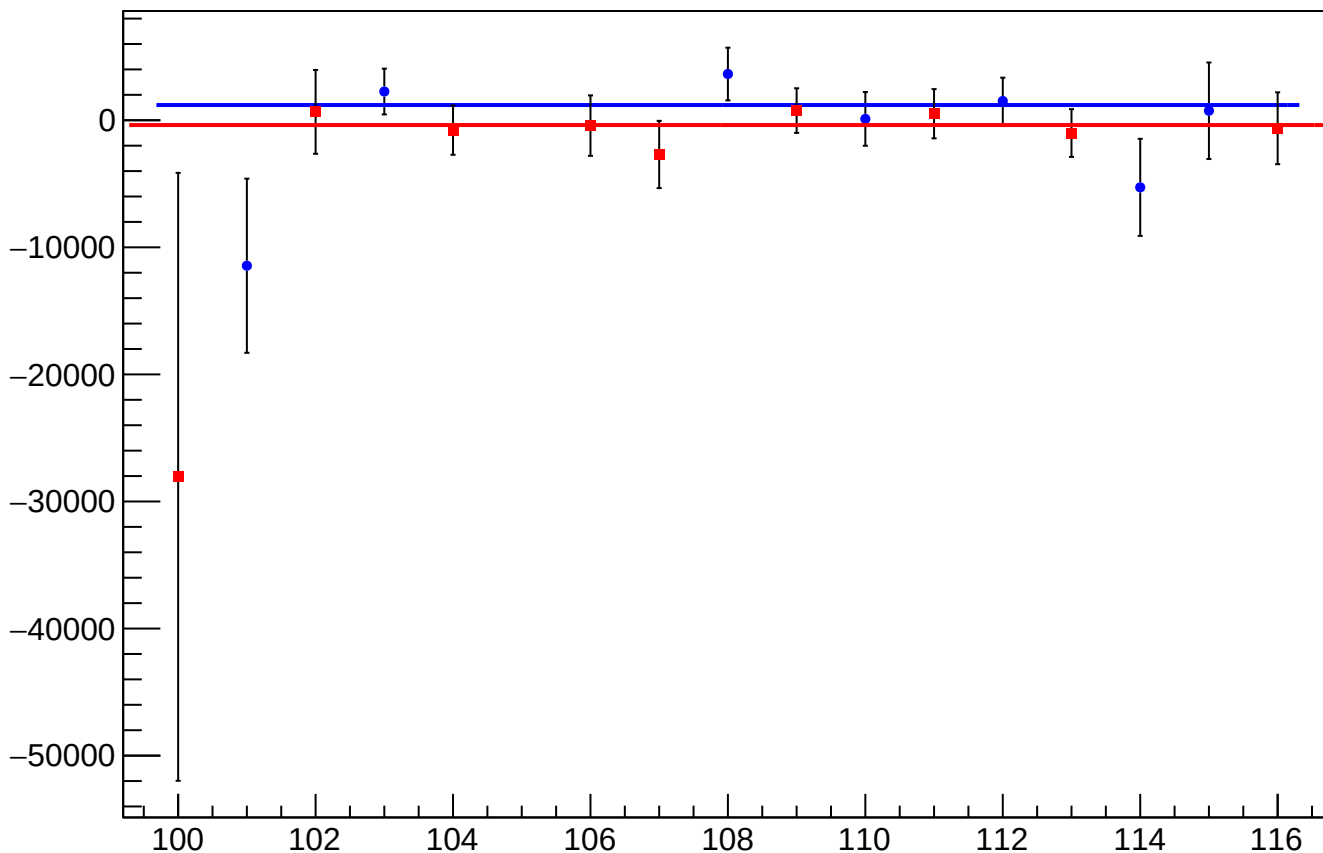
Right: 967.596+/-0.276 χ^2/NDF : 240125.1/15

In: 974.041+/-0.416 χ^2/NDF : 93579.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.596+/-0.276 χ^2/NDF : 240125.1/15

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1197.970+/-904.984 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -377.446+/-771.929 χ^2/NDF : 3.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

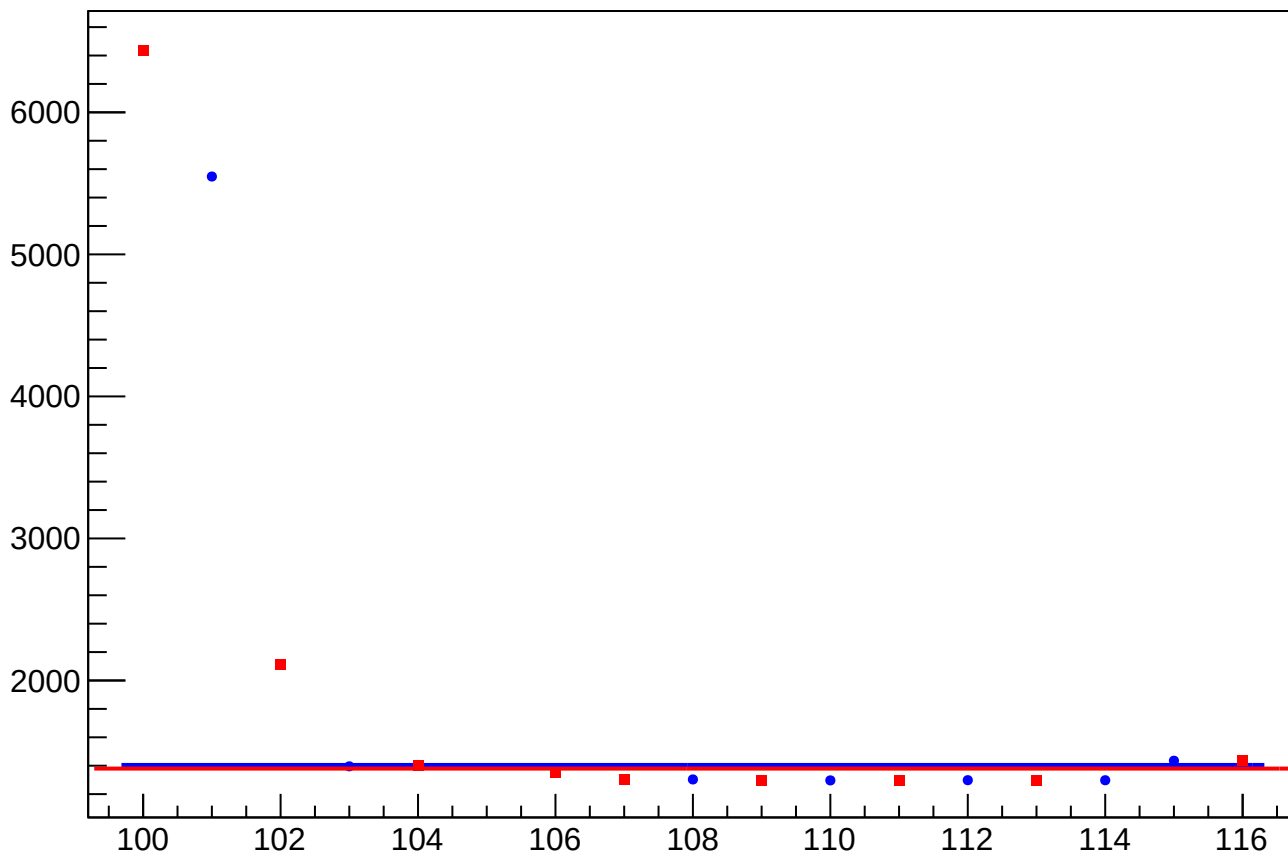
Right: 286.042+/-587.300 χ^2/NDF : 13.1/15

In: 1197.970+/-904.984 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.042+/-587.300 χ^2/NDF : 13.1/15

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1405.352+/-0.640 χ^2/NDF : 749749.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1379.713+/-0.546 χ^2/NDF : 202456.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

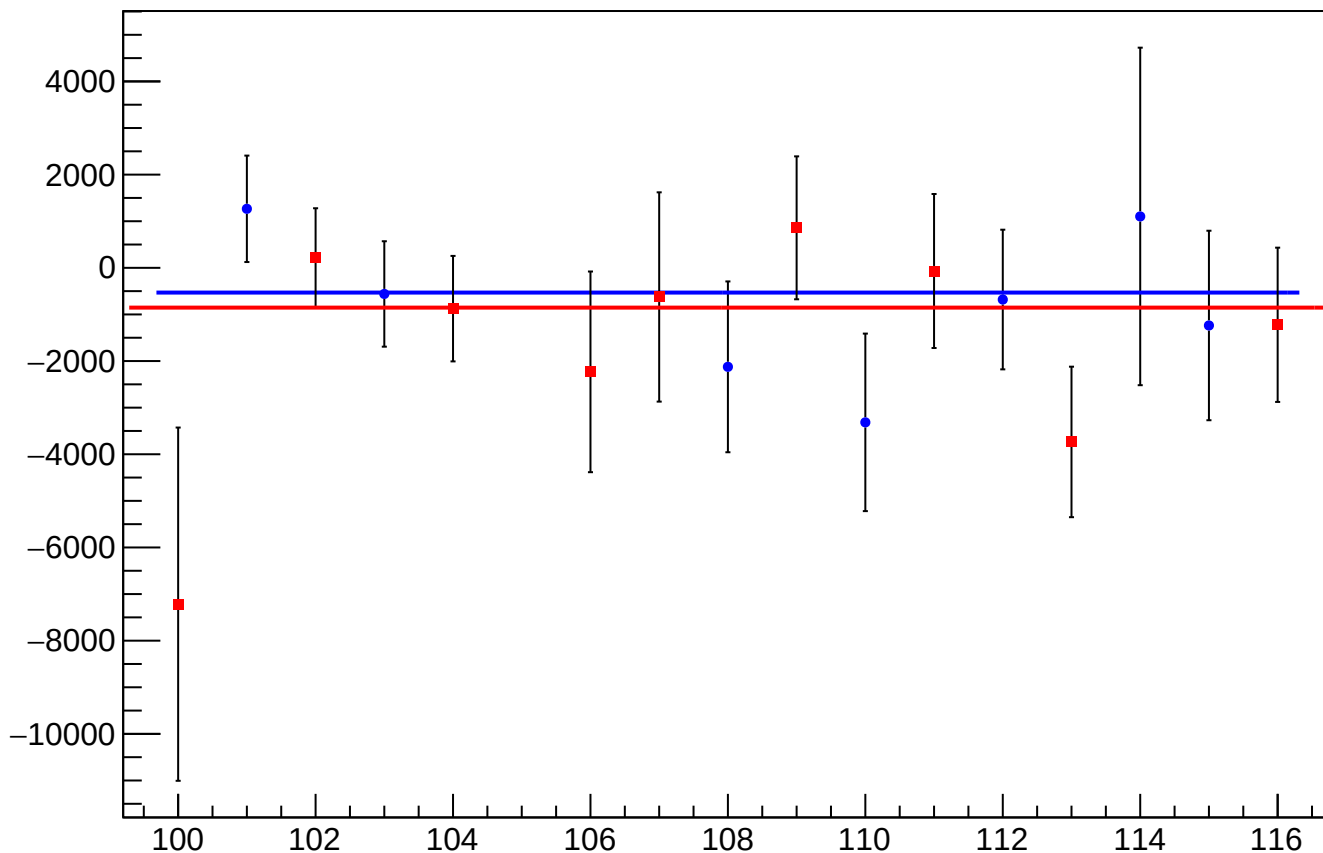
Right: 1390.511+/-0.415 χ^2/NDF : 953135.1/15

In: 1405.352+/-0.640 χ^2/NDF : 749749.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.511+/-0.415 χ^2/NDF : 953135.1/15

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -530.752+/-588.666 χ^2 /NDF: 5.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -853.482+/-520.999 χ^2 /NDF: 8.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

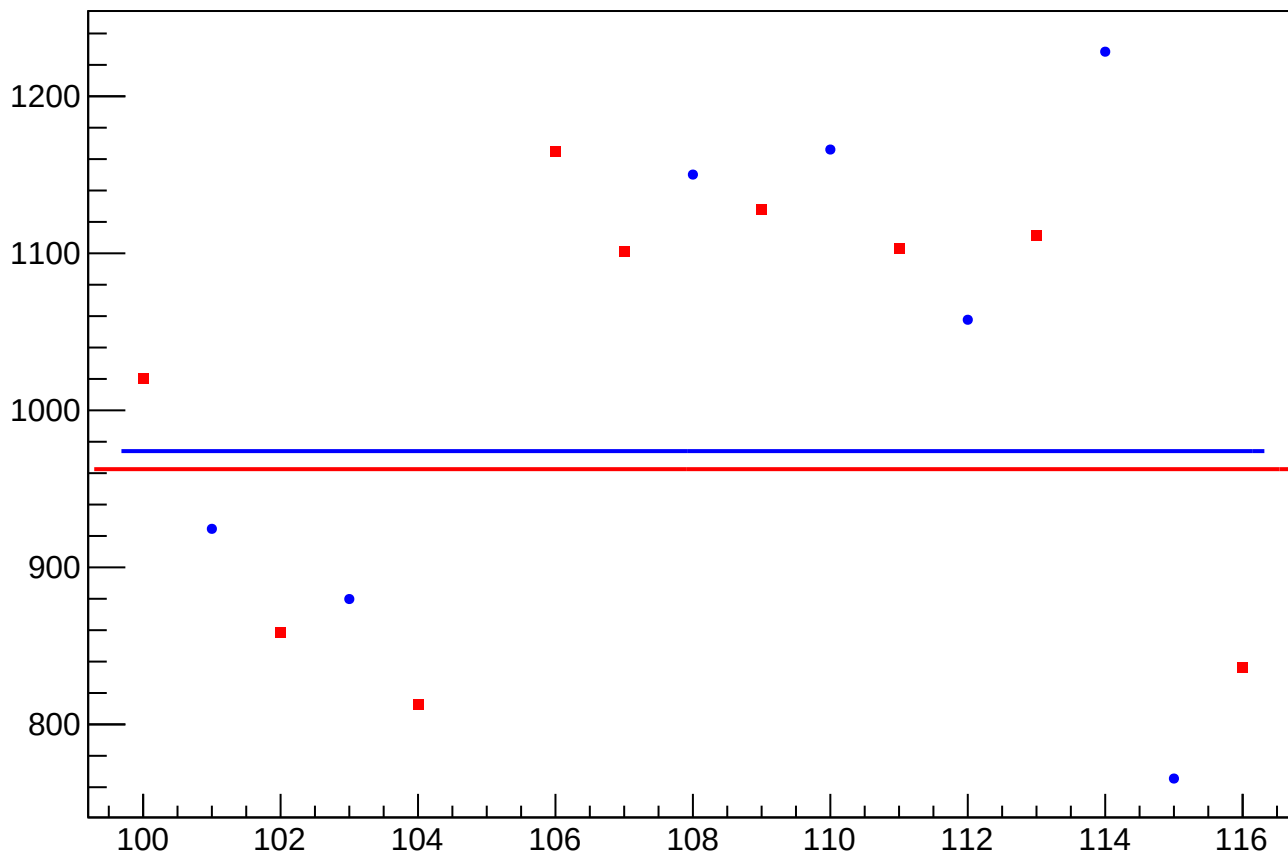
Right: -711.724+/-390.142 χ^2 /NDF: 14.8/15

In: -530.752+/-588.666 χ^2 /NDF:5.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -711.724+/-390.142 χ^2 /NDF: 14.8/15

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 974.040+/-0.416 χ^2/NDF : 93578.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.546+/-0.368 χ^2/NDF : 146115.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

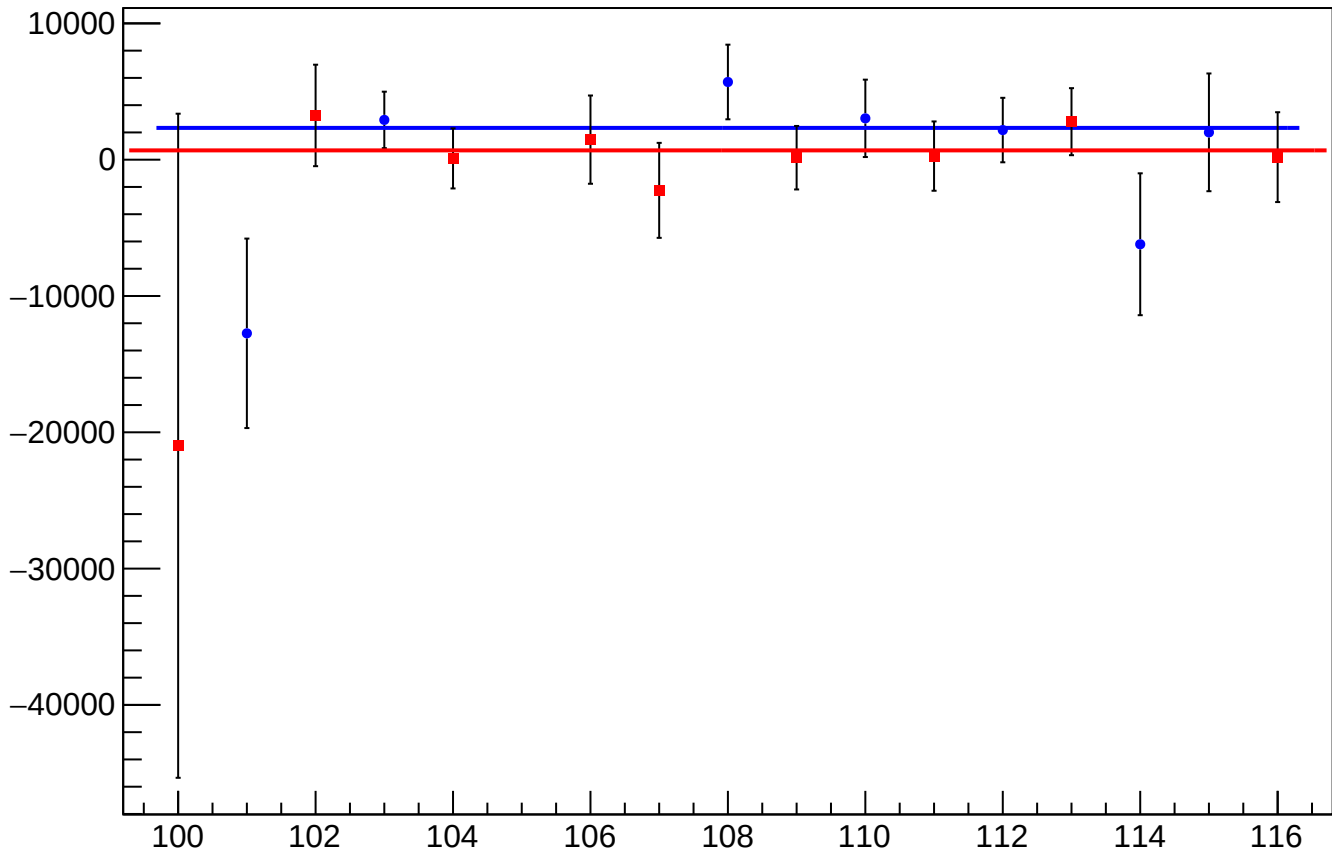
Right: 967.595+/-0.276 χ^2/NDF : 240120.7/15

In: 974.040+/-0.416 χ^2/NDF : 93578.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.595+/-0.276 χ^2/NDF : 240120.7/15

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2332.398+/-1131.773 χ^2 /NDF: 9.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 682.534+/-974.016 χ^2 /NDF: 2.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

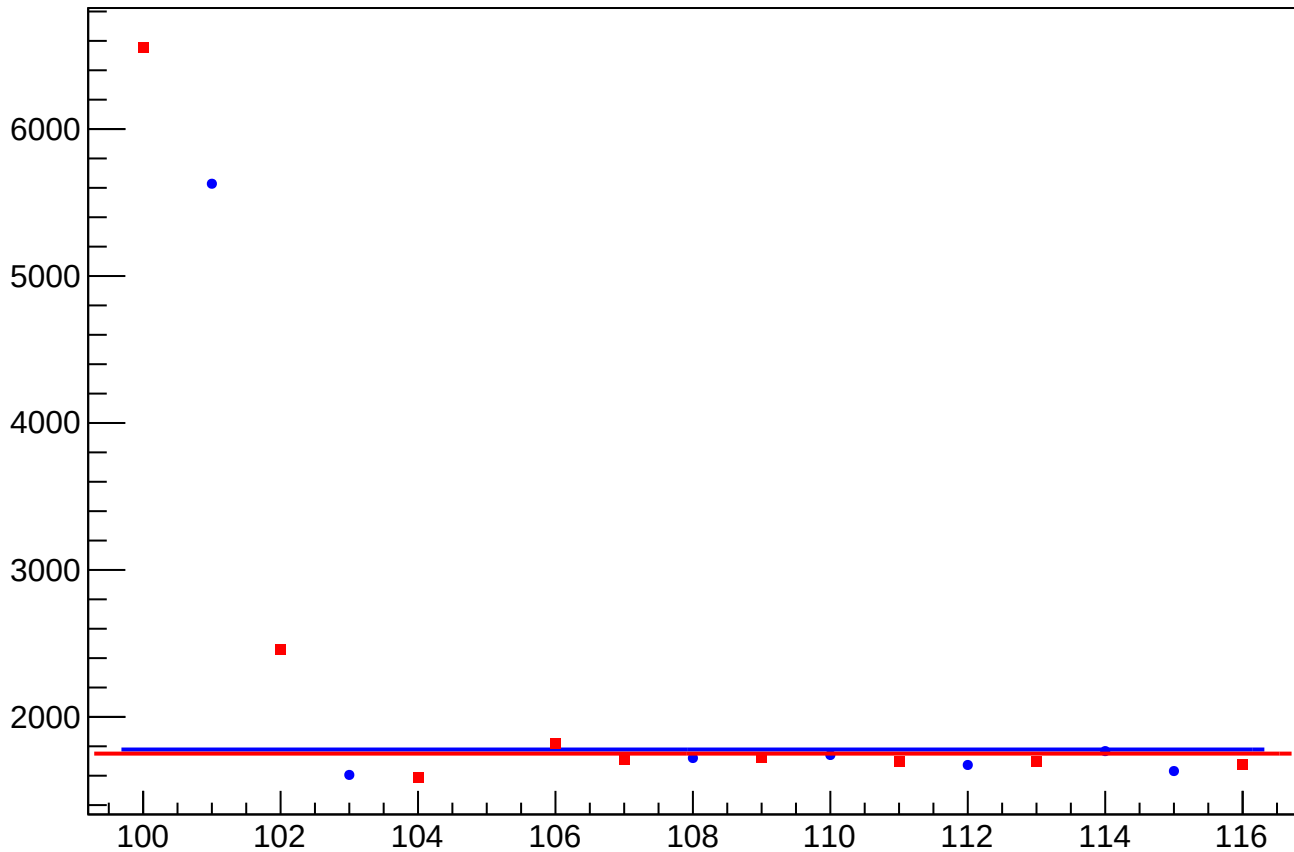
Right: 1384.555+/-738.261 χ^2 /NDF: 13.2/15

In: 2332.398+/-1131.773 χ^2 /NDF:9.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1384.555+/-738.261 χ^2 /NDF: 13.2/15

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1778.154+/-0.800 χ^2/NDF : 635019.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.254+/-0.689 χ^2/NDF : 165197.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

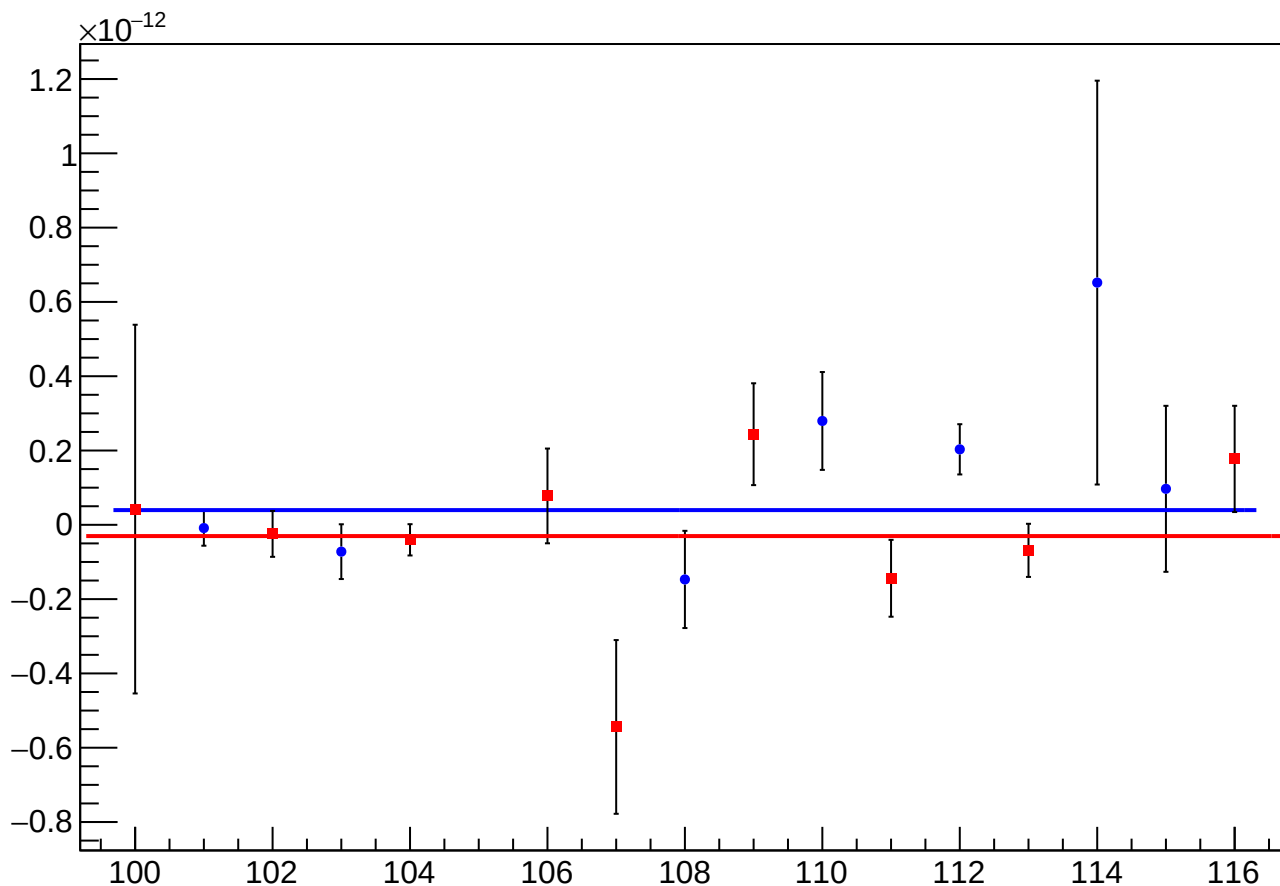
Right: 1762.125+/-0.522 χ^2/NDF : 800915.4/15

In: 1778.154+/-0.800 χ^2/NDF : 635019.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.125+/-0.522 χ^2/NDF : 800915.4/15

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

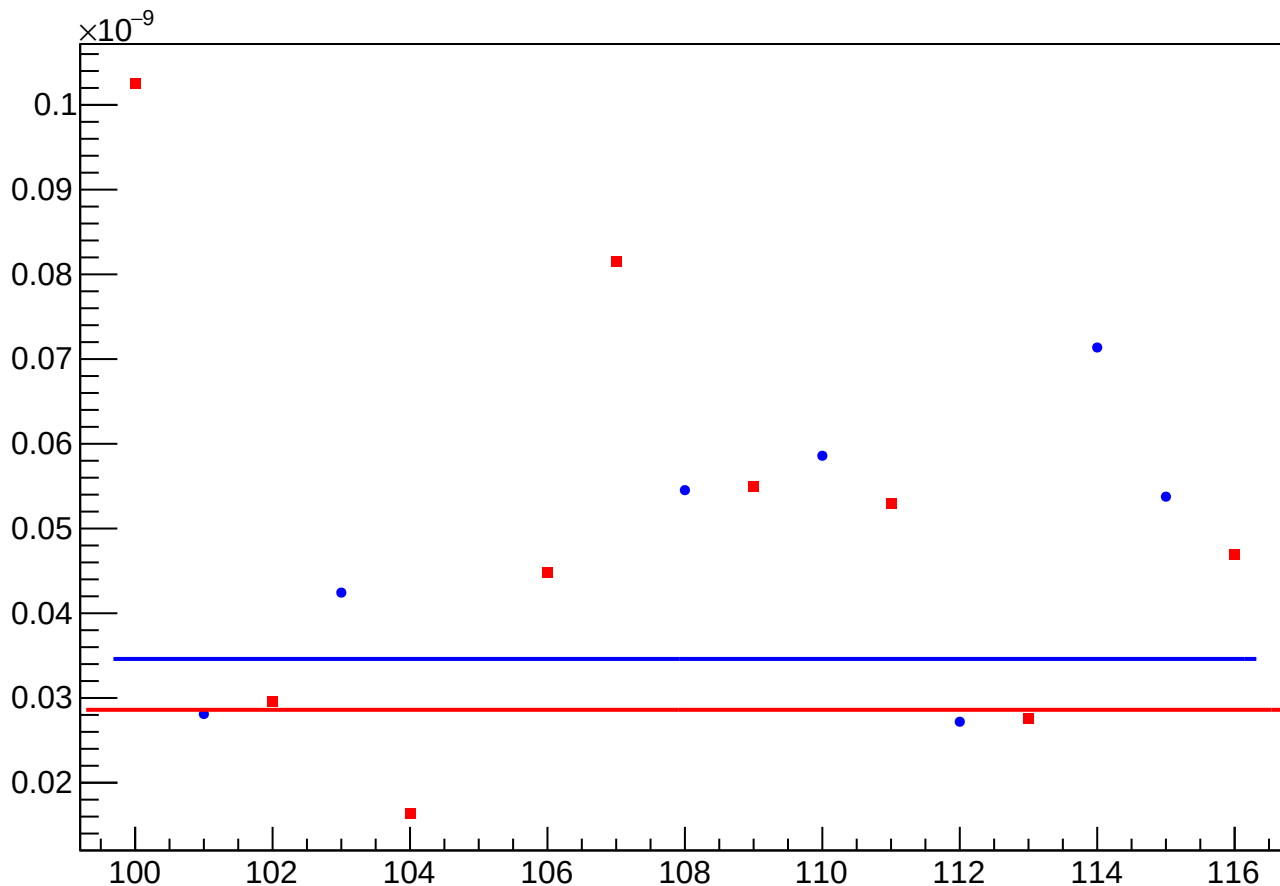
Right: -0.000+/-0.000 χ^2/NDF : 31.9/15

In: 0.000+/-0.000 χ^2/NDF : 15.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.9/15

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 220461.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 567444.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

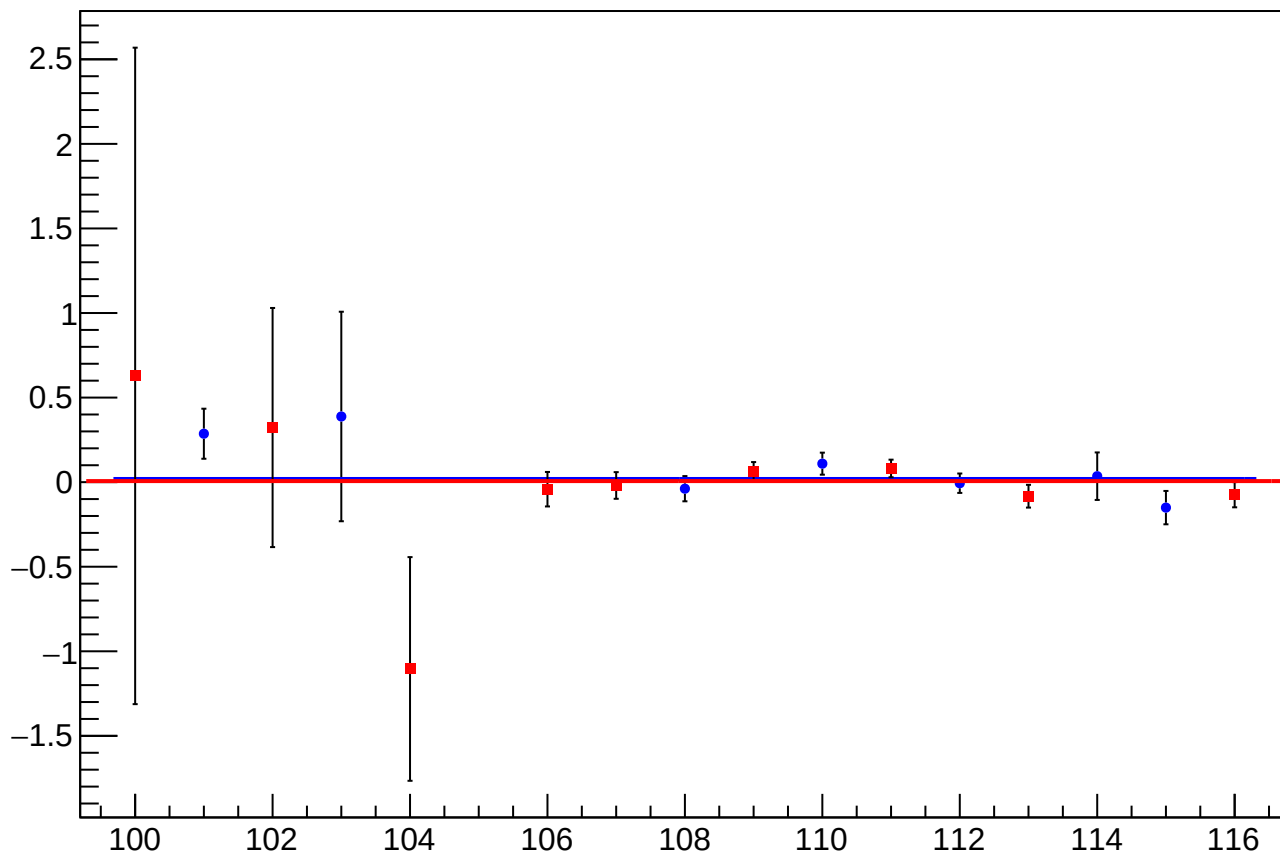
Right: 0.000+/-0.000 χ^2/NDF : 828326.6/15

In: 0.000+/-0.000 χ^2/NDF : 220461.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 828326.6/15

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

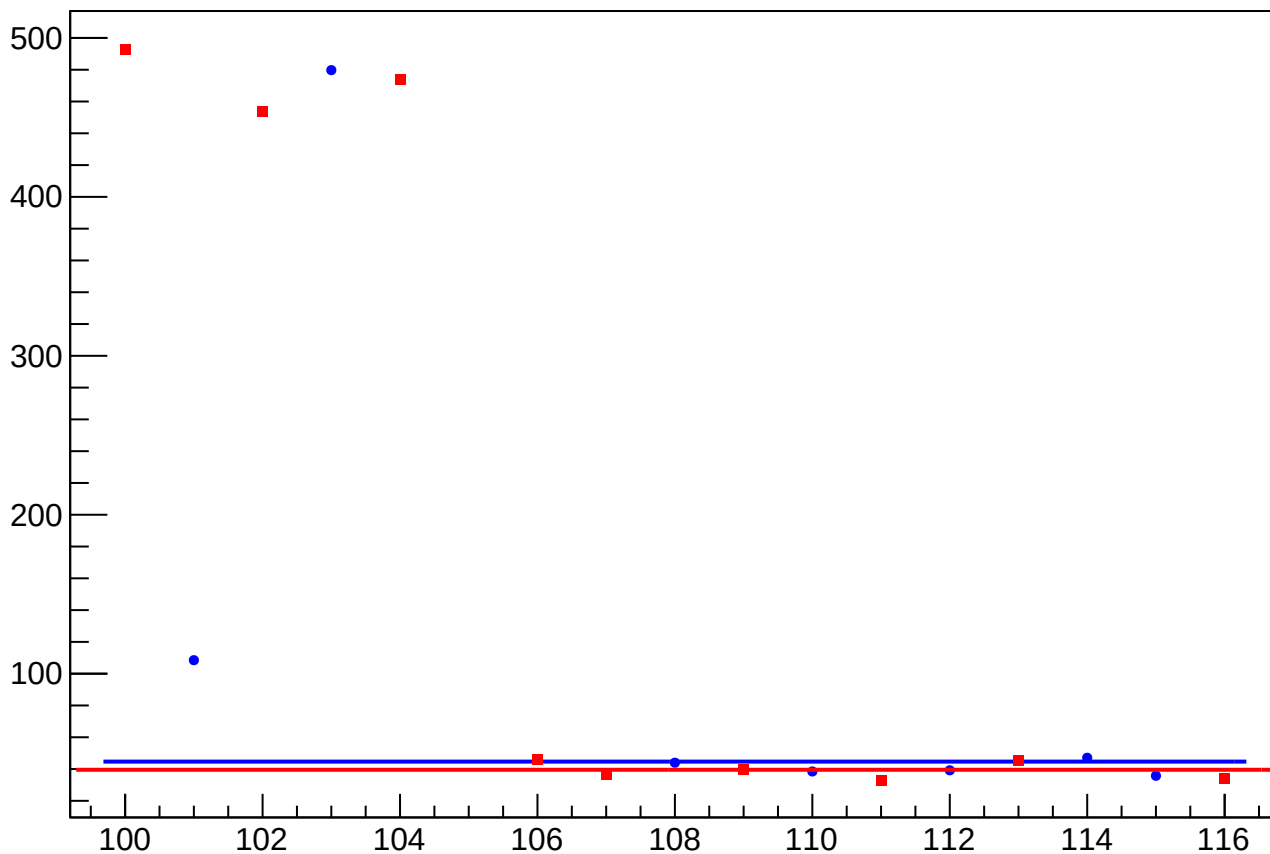
Right: 0.011+/-0.021 χ^2/NDF : 18.8/15

In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.021 χ^2/NDF : 18.8/15

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 44.683+/-0.023 χ^2/NDF : 1412559.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.540+/-0.019 χ^2/NDF : 1727156.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

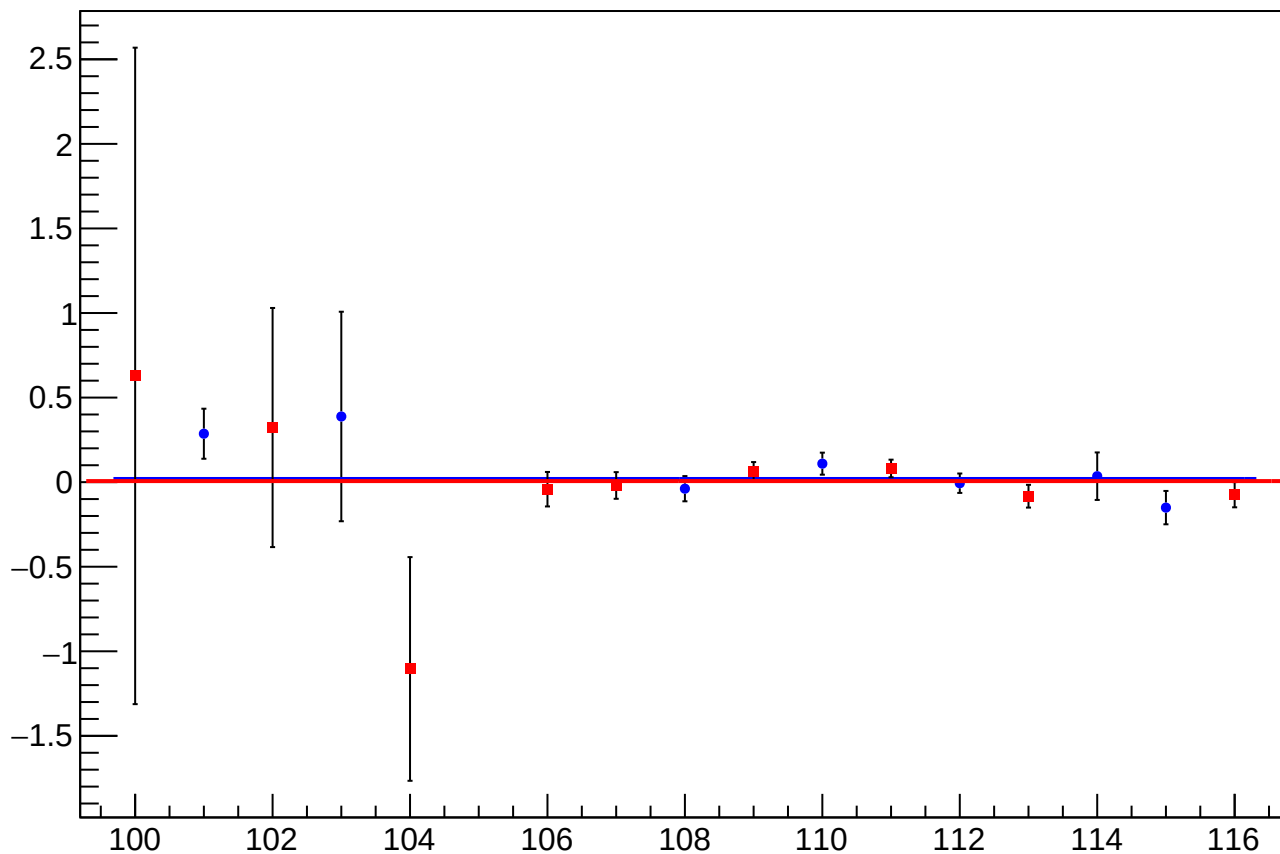
Right: 41.636+/-0.015 χ^2/NDF : 3168617.0/15

In: 44.683+/-0.023 χ^2/NDF : 1412559.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.636+/-0.015 χ^2/NDF : 3168617.0/15

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

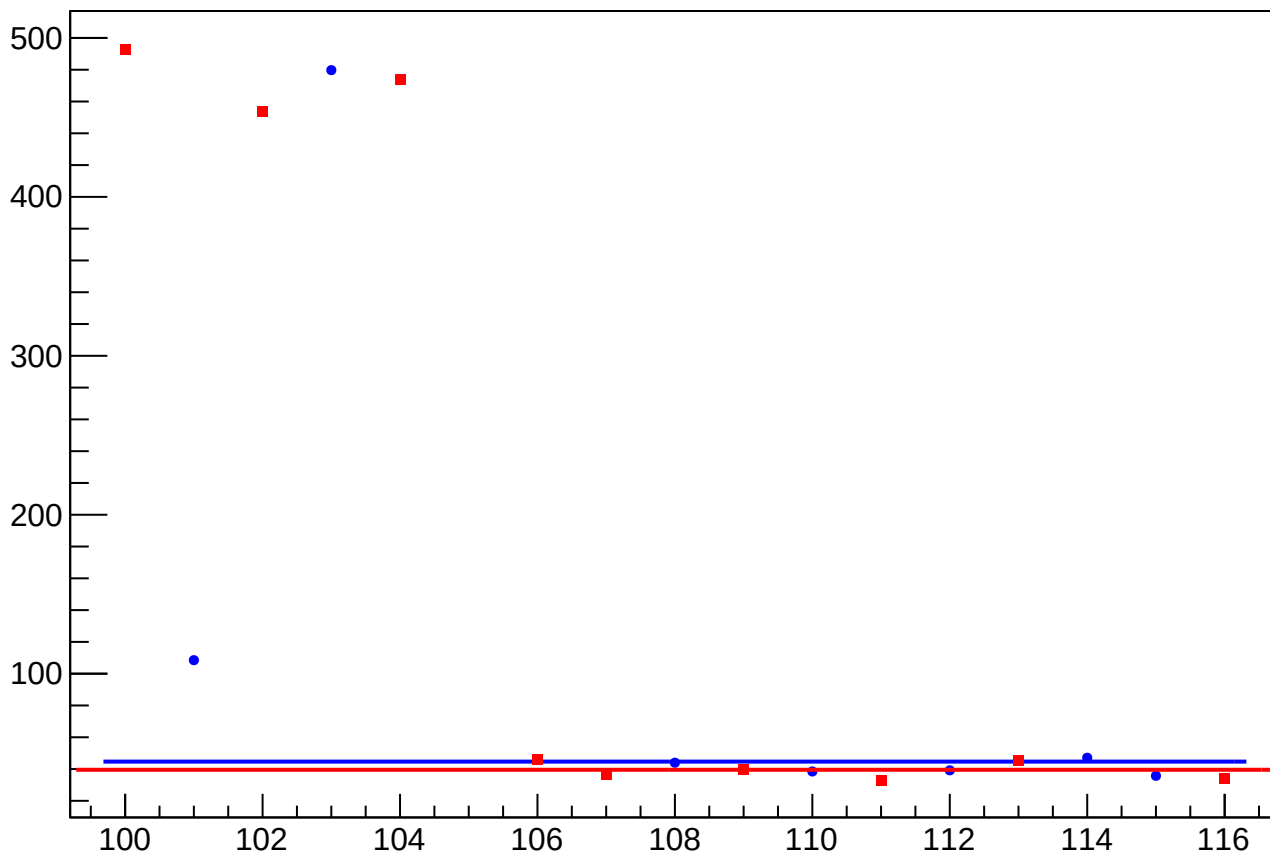
Right: 0.011+/-0.021 χ^2/NDF : 18.8/15

In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.021 χ^2/NDF : 18.8/15

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.683+/-0.023 χ^2/NDF : 1412559.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.540+/-0.019 χ^2/NDF : 1727156.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

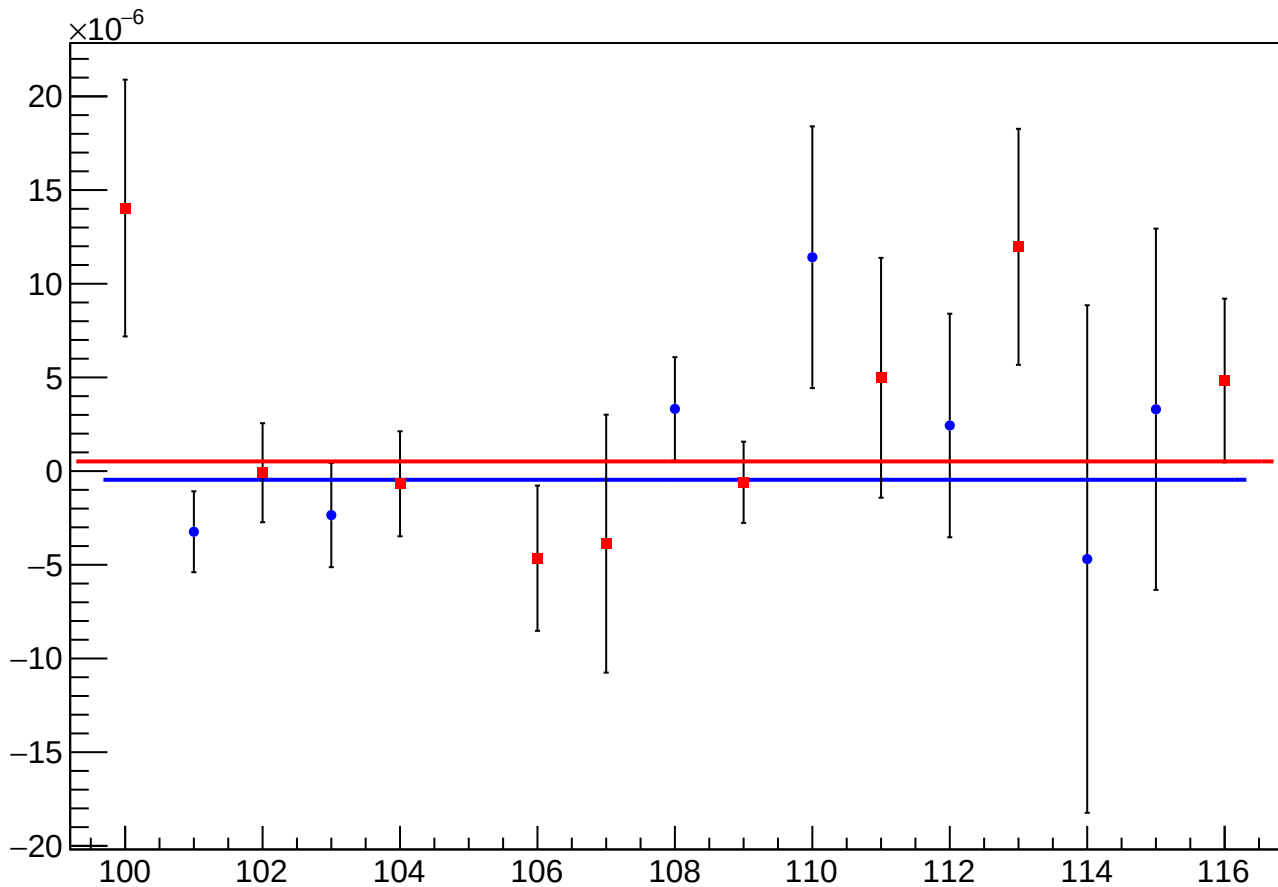
Right: 41.636+/-0.015 χ^2/NDF : 3168617.0/15

In: 44.683+/-0.023 χ^2/NDF : 1412559.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.636+/-0.015 χ^2/NDF : 3168617.0/15

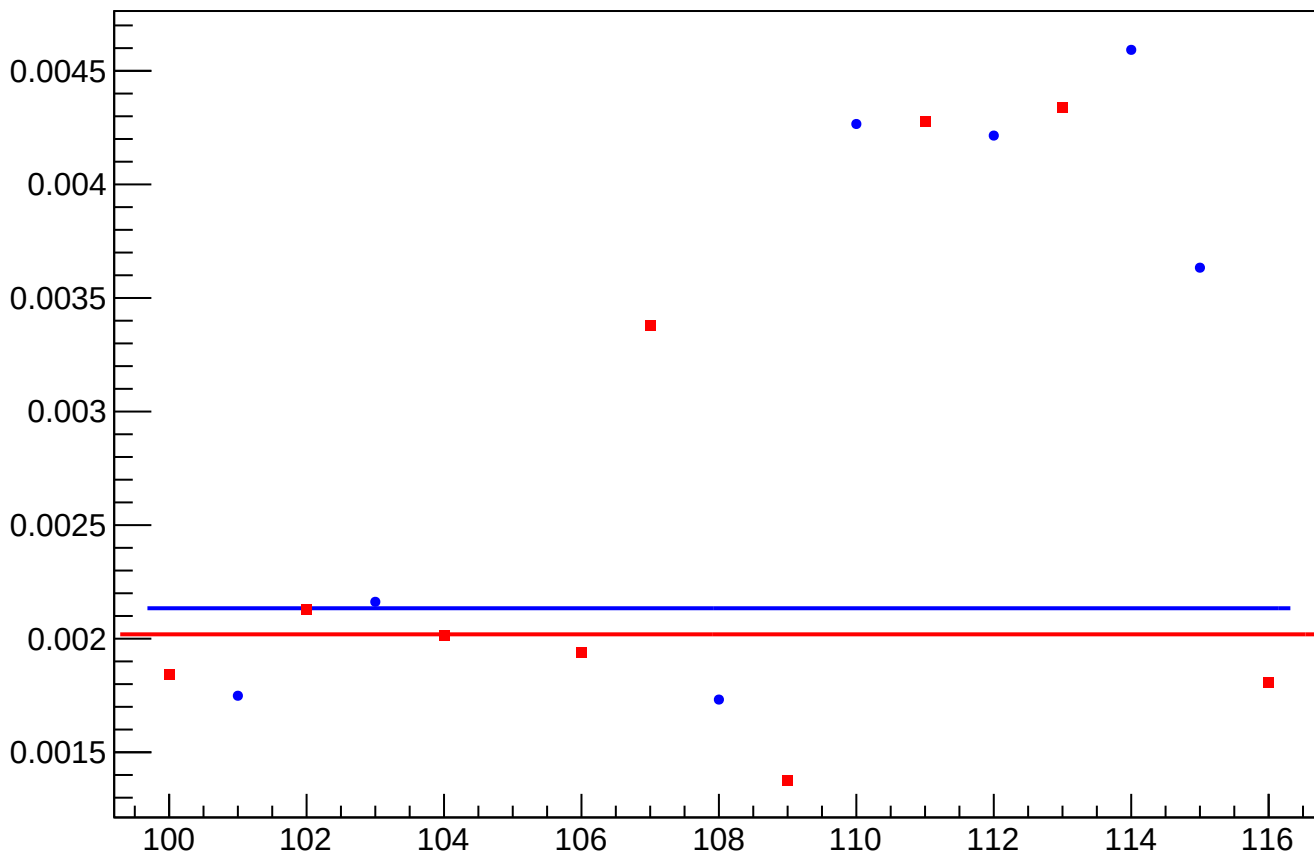
asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 19.0/15
 In: -0.000+/-0.000 χ^2/NDF : 7.4/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 19.0/15

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 650349.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 783723.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

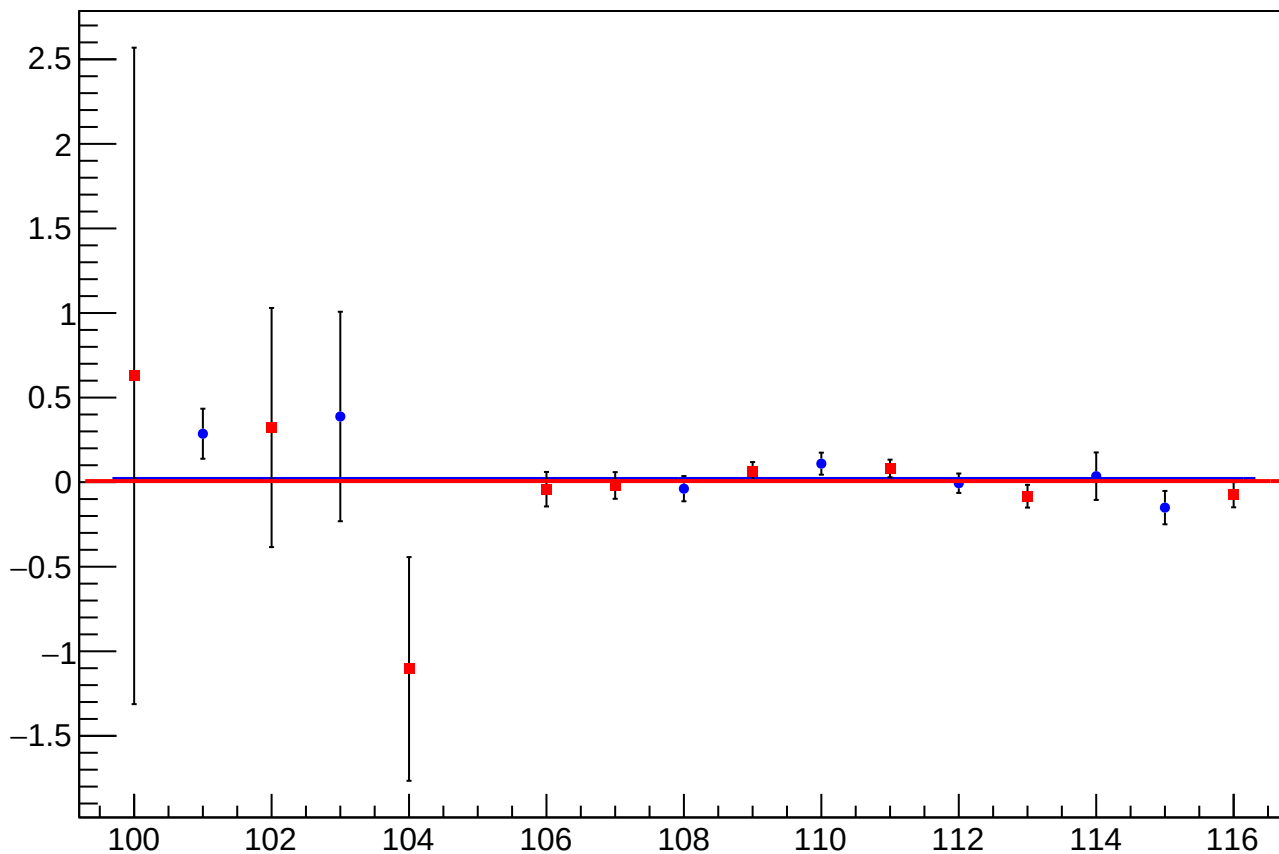
Right: 0.002+/-0.000 χ^2/NDF : 1442083.6/15

In: 0.002+/-0.000 χ^2/NDF :650349.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1442083.6/15

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

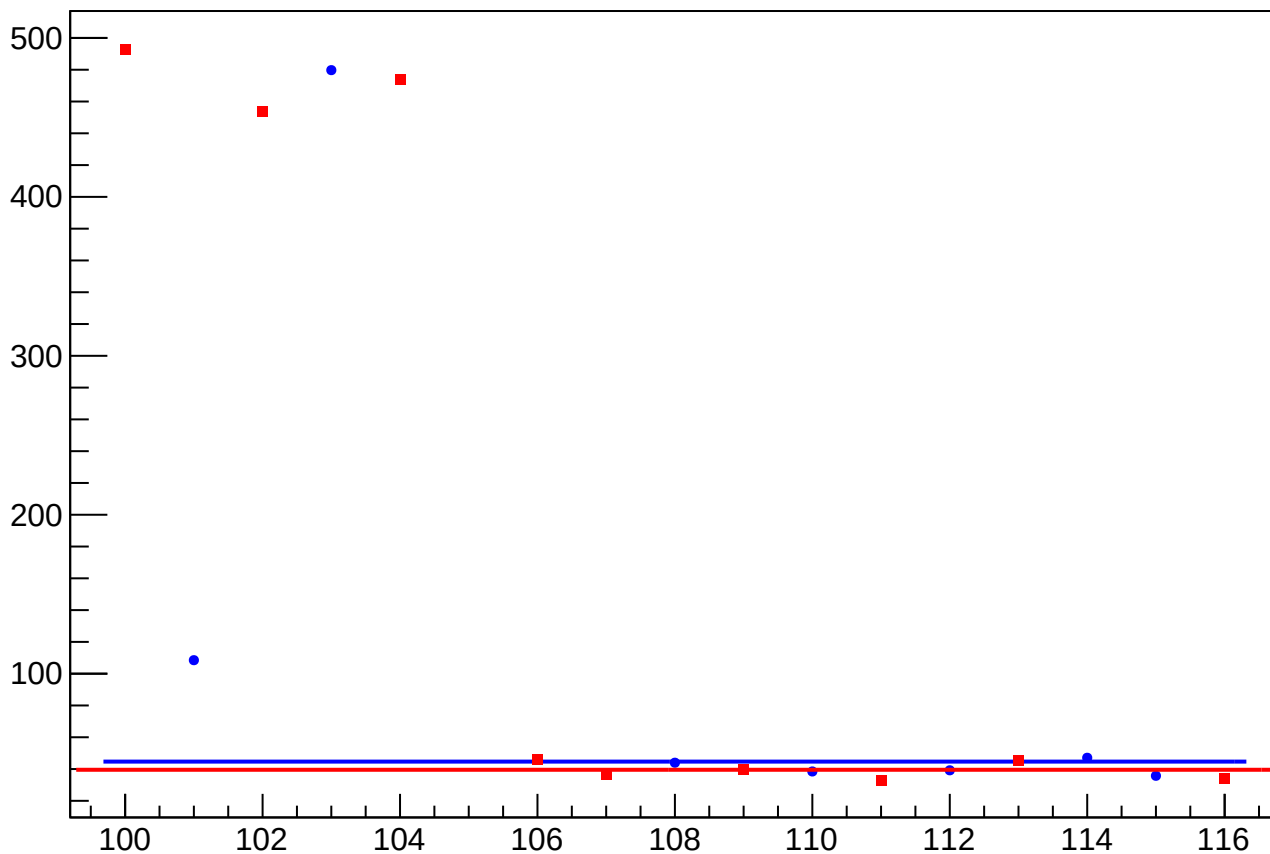
Right: 0.011+/-0.021 χ^2/NDF : 18.8/15

In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.021 χ^2/NDF : 18.8/15

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.683+/-0.023 χ^2/NDF : 1412563.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.539+/-0.019 χ^2/NDF : 1727149.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

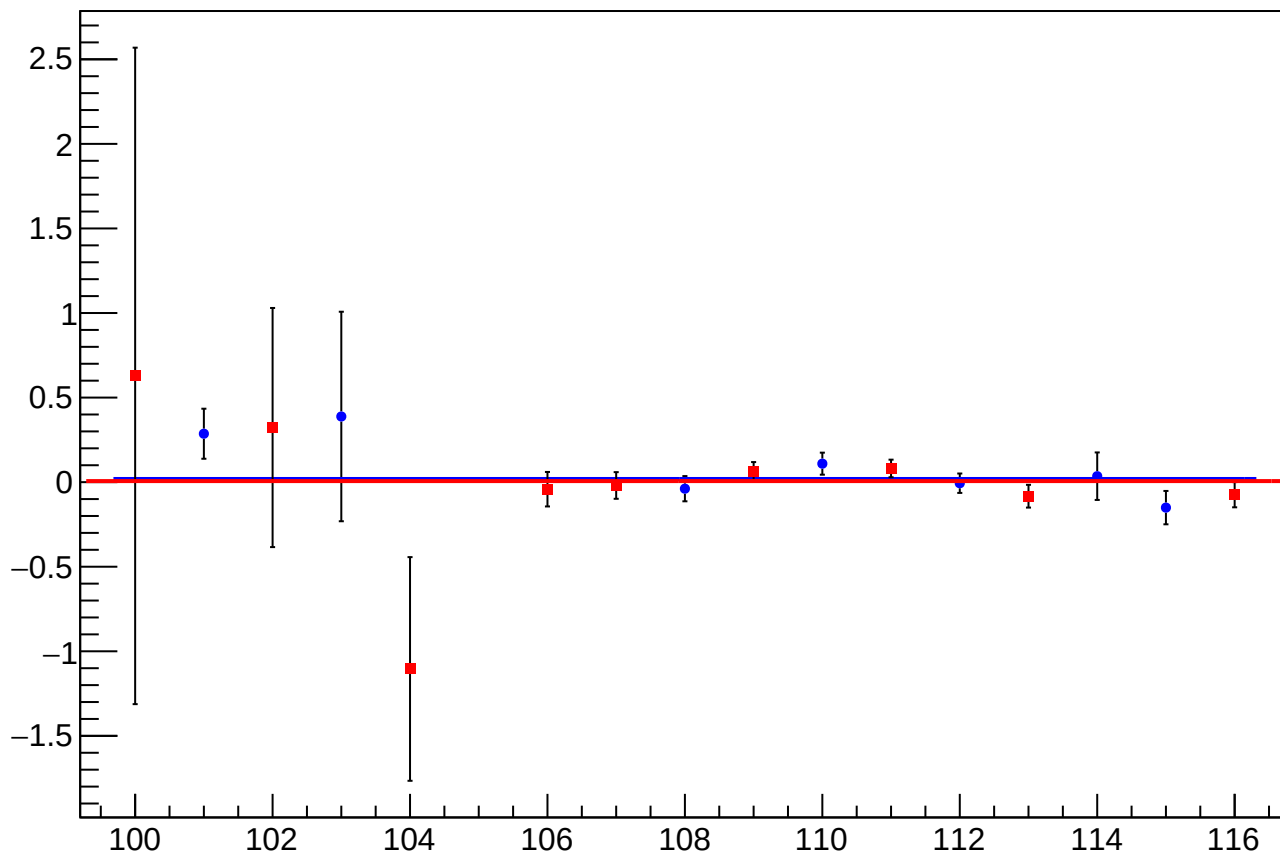
Right: 41.635+/-0.015 χ^2/NDF : 3168613.0/15

In: 44.683+/-0.023 χ^2/NDF : 1412563.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.635+/-0.015 χ^2/NDF : 3168613.0/15

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.027 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

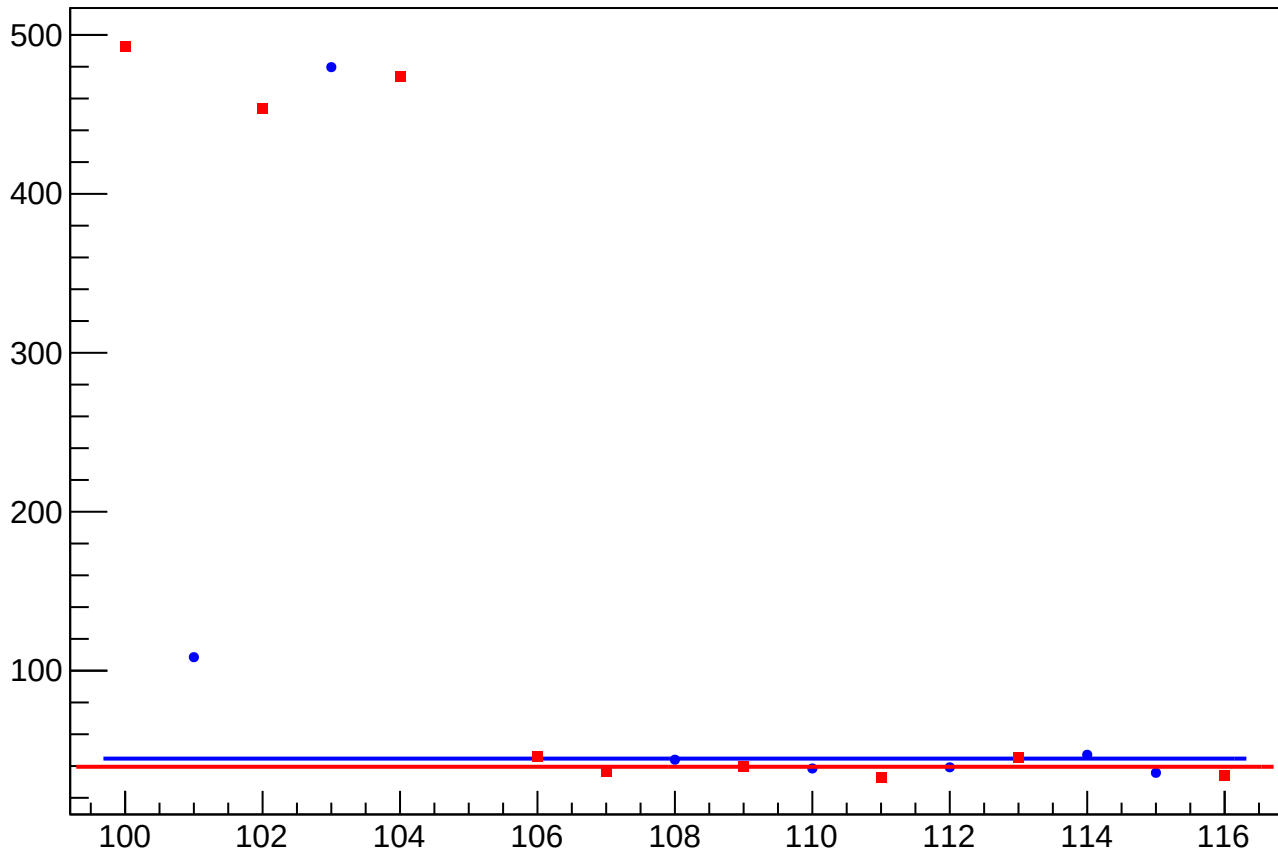
Right: 0.011+/-0.021 χ^2/NDF : 18.8/15

In: 0.019+/-0.033 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.021 χ^2/NDF : 18.8/15

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.683+/-0.023 χ^2/NDF : 1412563.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.539+/-0.019 χ^2/NDF : 1727149.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

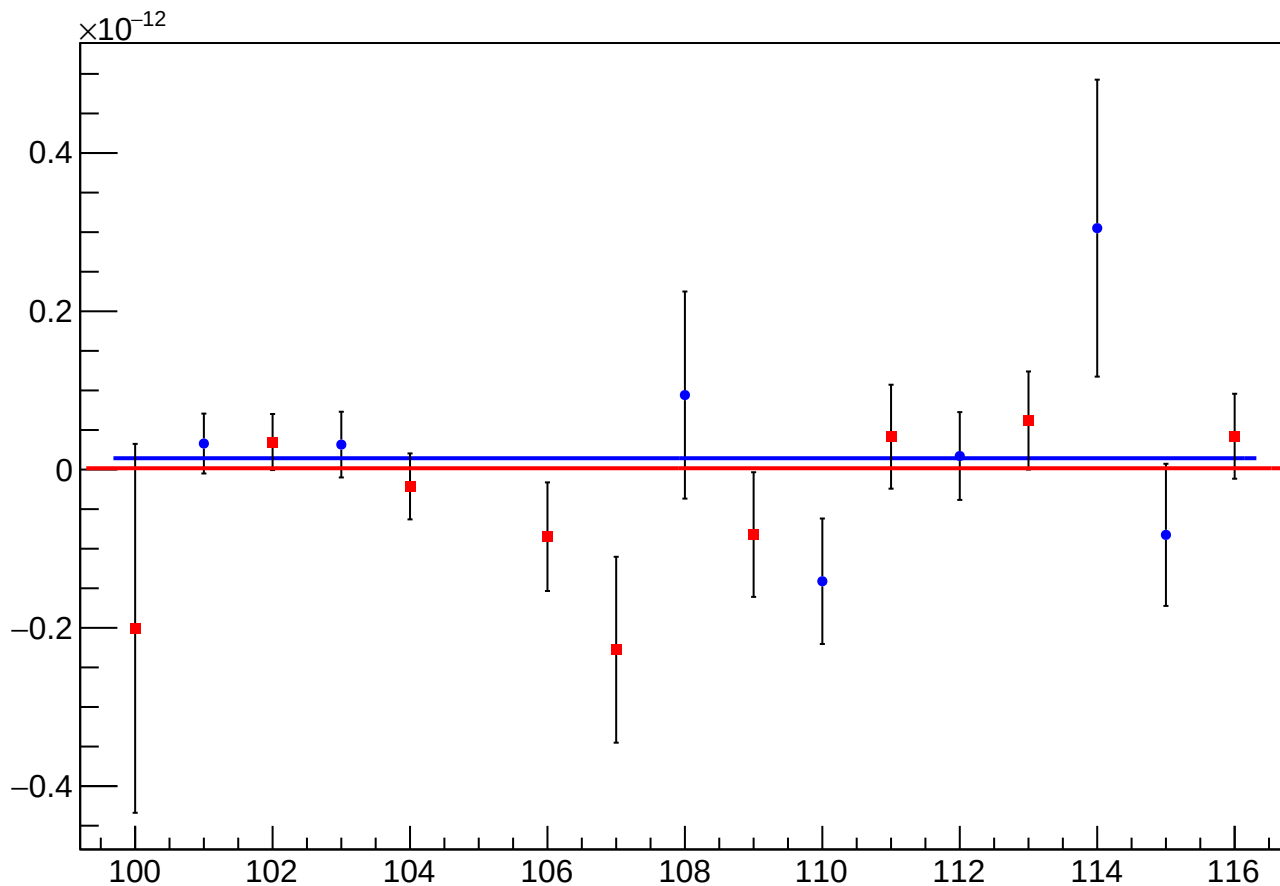
Right: 41.635+/-0.015 χ^2/NDF : 3168613.0/15

In: 44.683+/-0.023 χ^2/NDF : 1412563.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.635+/-0.015 χ^2/NDF : 3168613.0/15

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

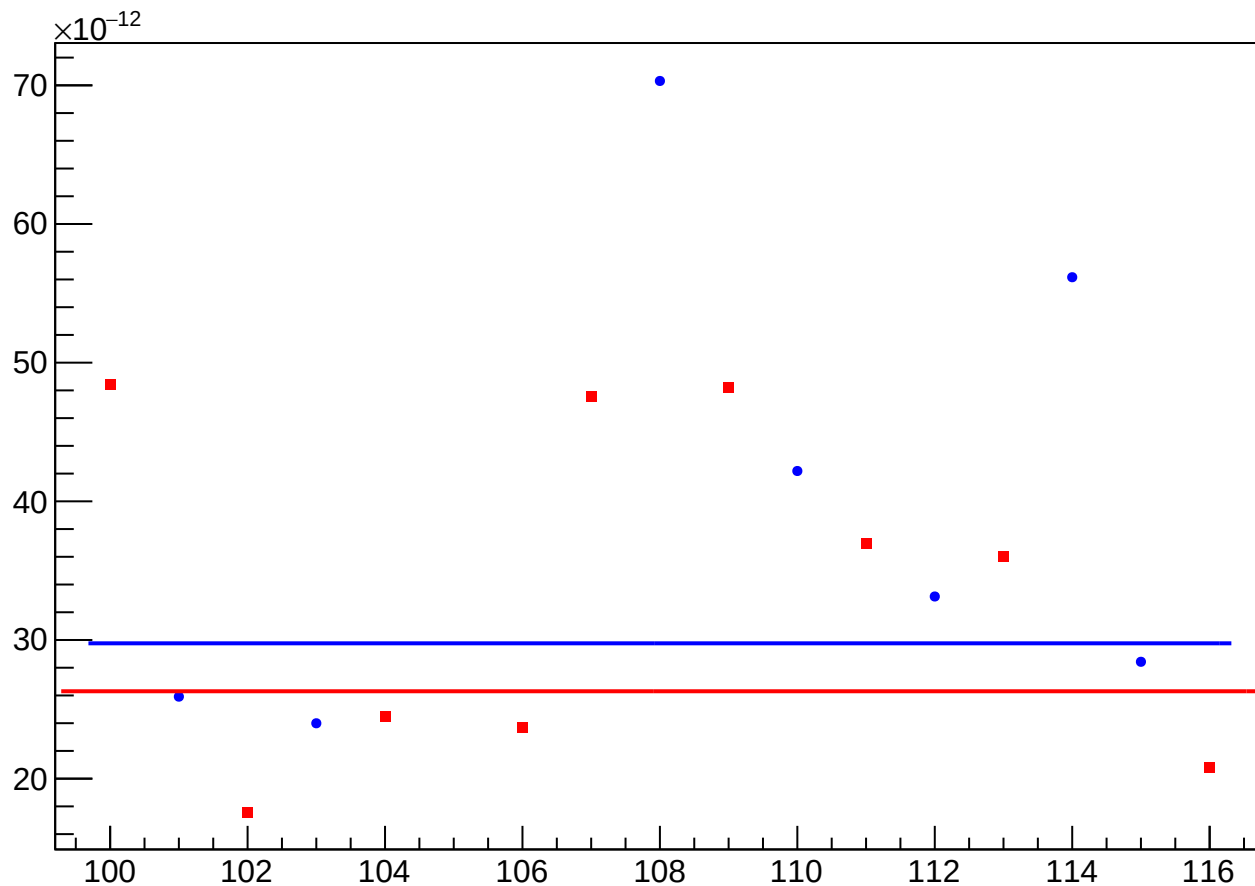
Right: 0.000+/-0.000 χ^2/NDF : 18.7/15

In: 0.000+/-0.000 χ^2/NDF : 8.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/15

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 347945.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 490126.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

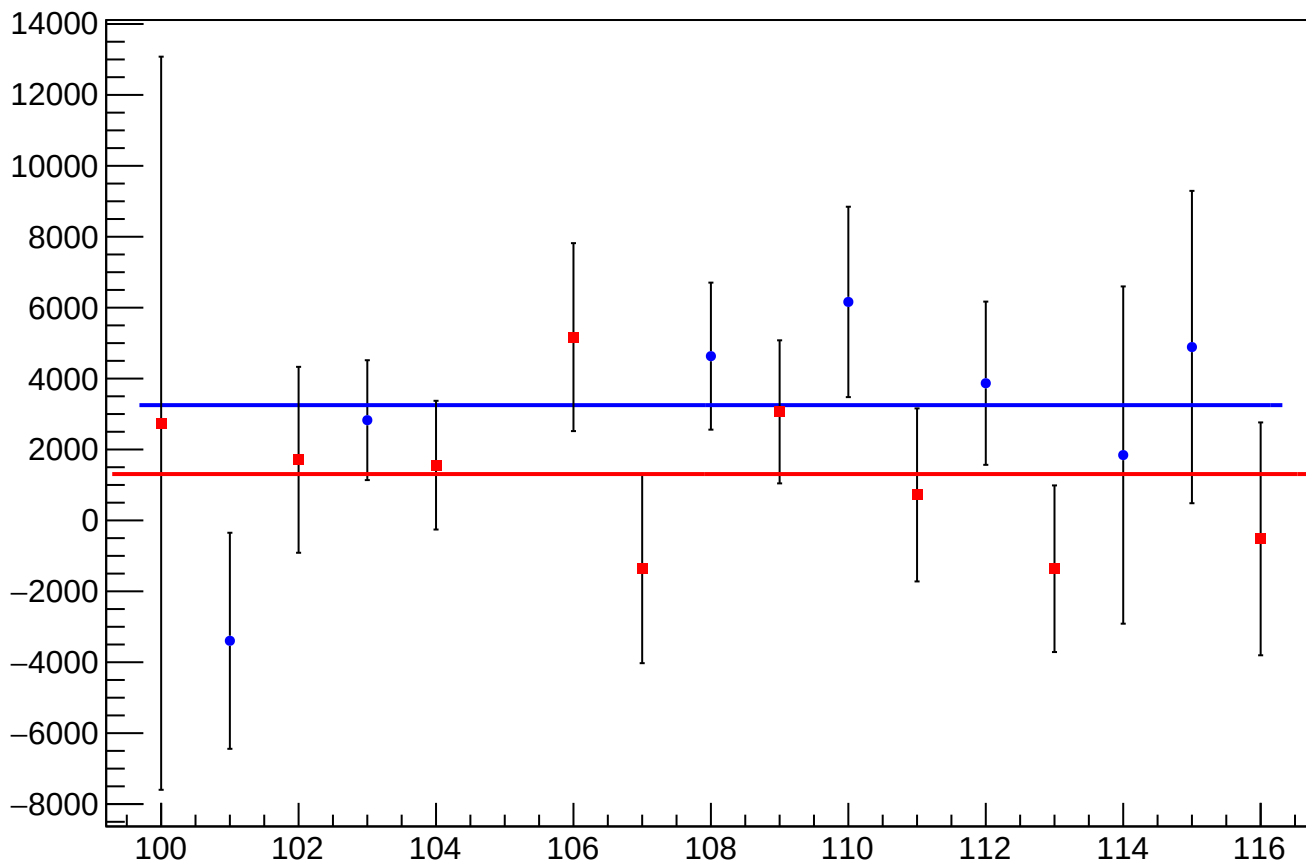
Right: 0.000+/-0.000 χ^2/NDF : 865231.4/15

In: 0.000+/-0.000 χ^2/NDF : 347945.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 865231.4/15

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3250.934+/-947.627 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.187+/-836.441 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

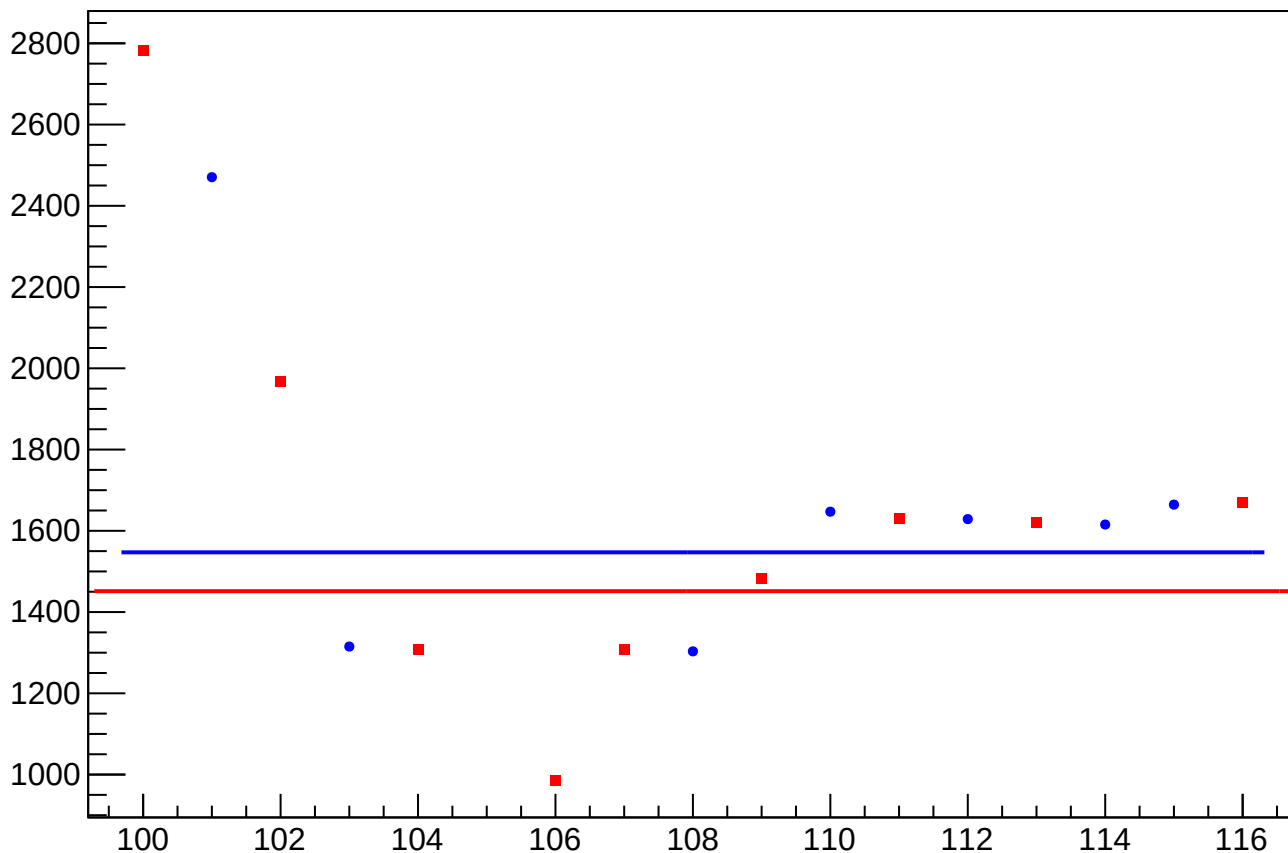
Right: 2158.391+/-627.097 χ^2/NDF : 14.7/15

In: 3250.934+/-947.627 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.391+/-627.097 χ^2/NDF : 14.7/15

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1547.028+/-0.670 χ^2/NDF : 256183.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.434+/-0.572 χ^2/NDF : 263887.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

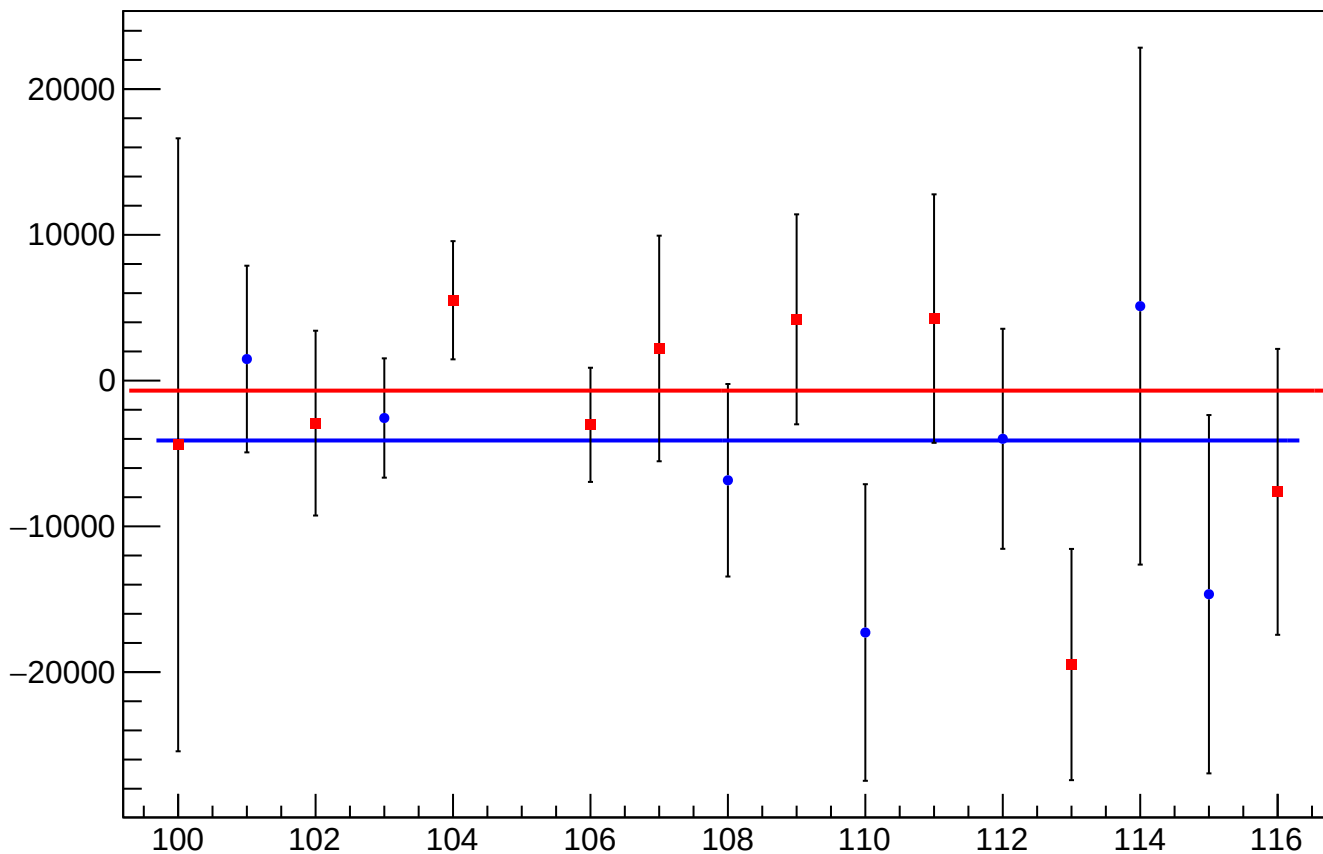
Right: 1491.727+/-0.435 χ^2/NDF : 531845.4/15

In: 1547.028+/-0.670 χ^2/NDF : 256183.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.727+/-0.435 χ^2/NDF : 531845.4/15

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4107.988+/-2635.232 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -687.287+/-2088.896 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

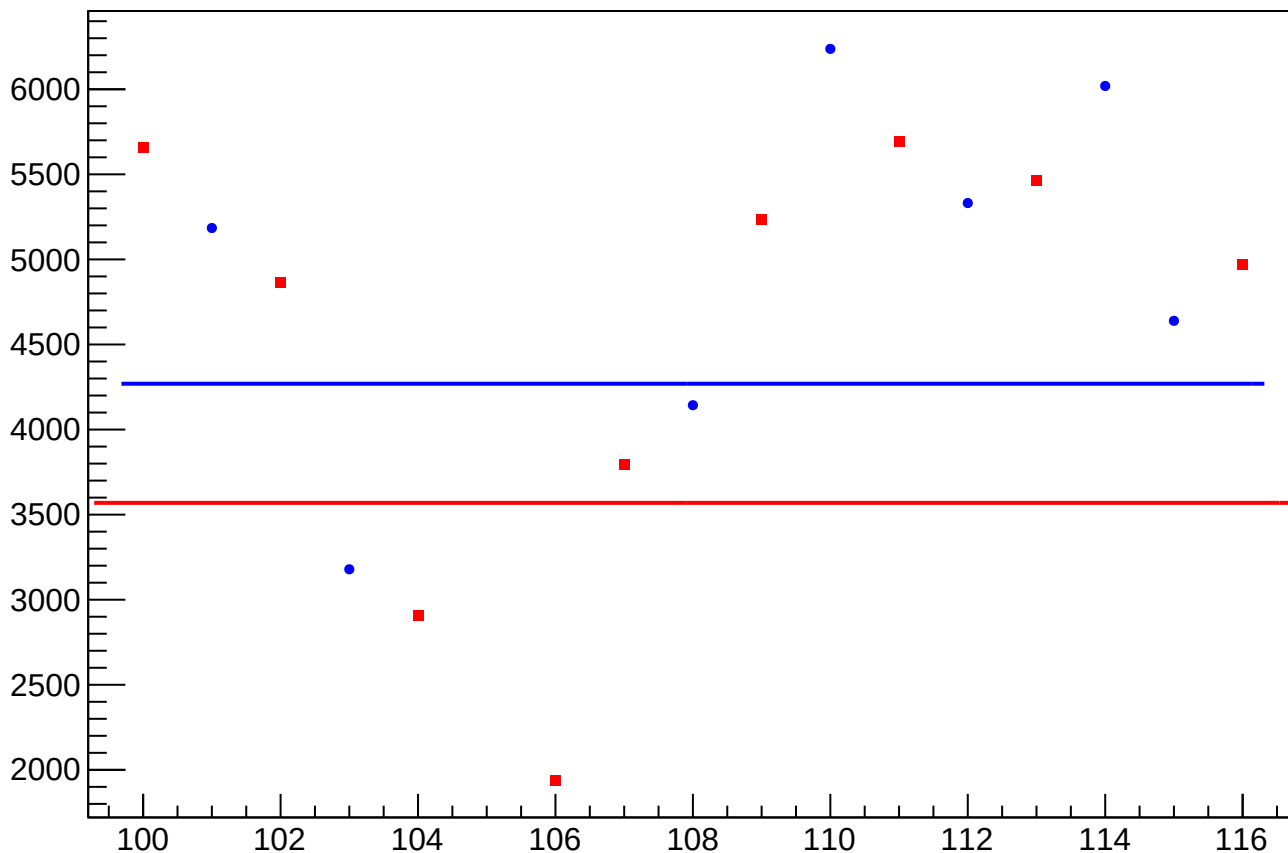
Right: -2007.262+/-1636.982 χ^2/NDF : 14.7/15

In: -4107.988+/-2635.232 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2007.262+/-1636.982 χ^2/NDF : 14.7/15

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4269.351+/-1.863 χ^2/NDF : 319238.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3569.313+/-1.477 χ^2/NDF : 890705.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

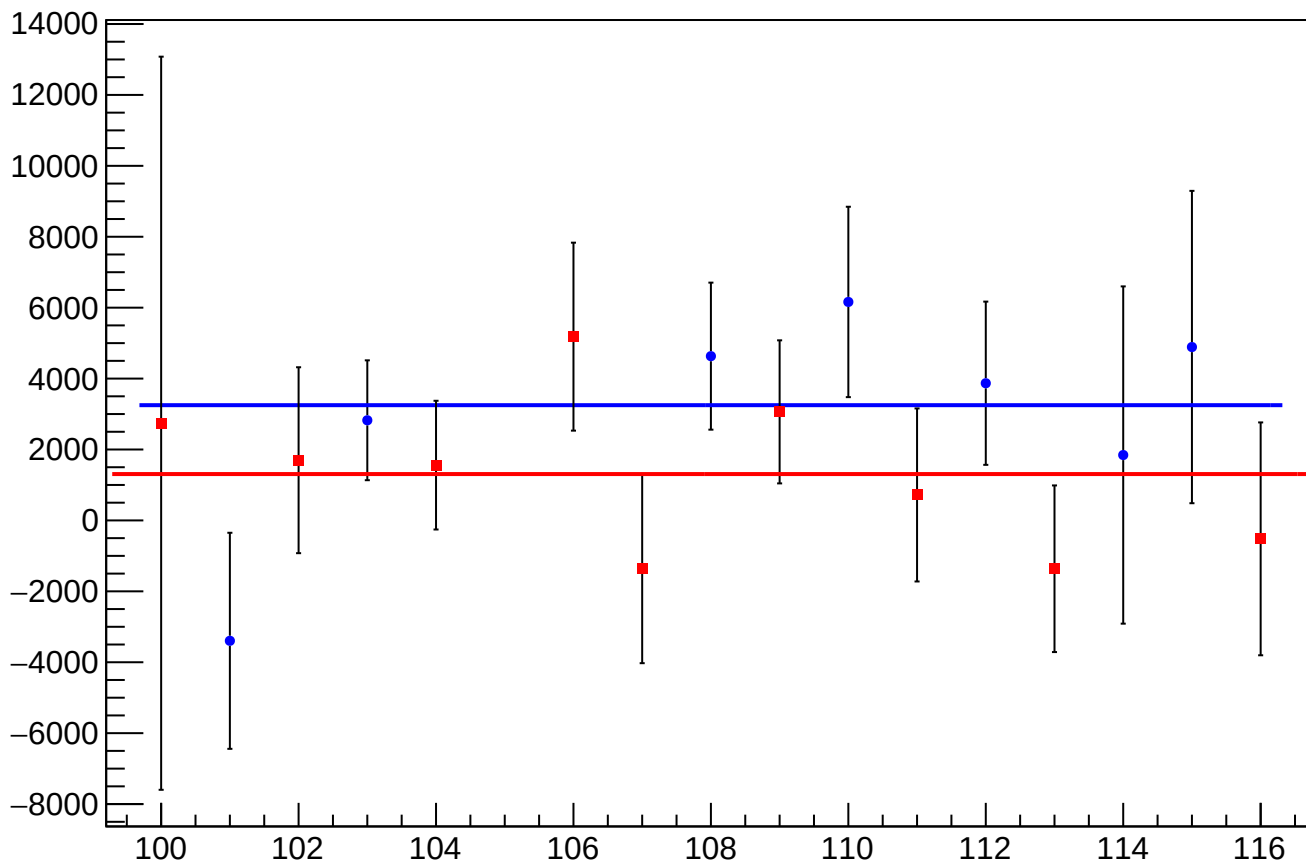
Right: 3839.443+/-1.158 χ^2/NDF : 1296617.2/15

In: 4269.351+/-1.863 χ^2/NDF : 319238.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3839.443+/-1.158 χ^2/NDF : 1296617.2/15

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3250.011+/-947.628 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.375+/-836.449 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

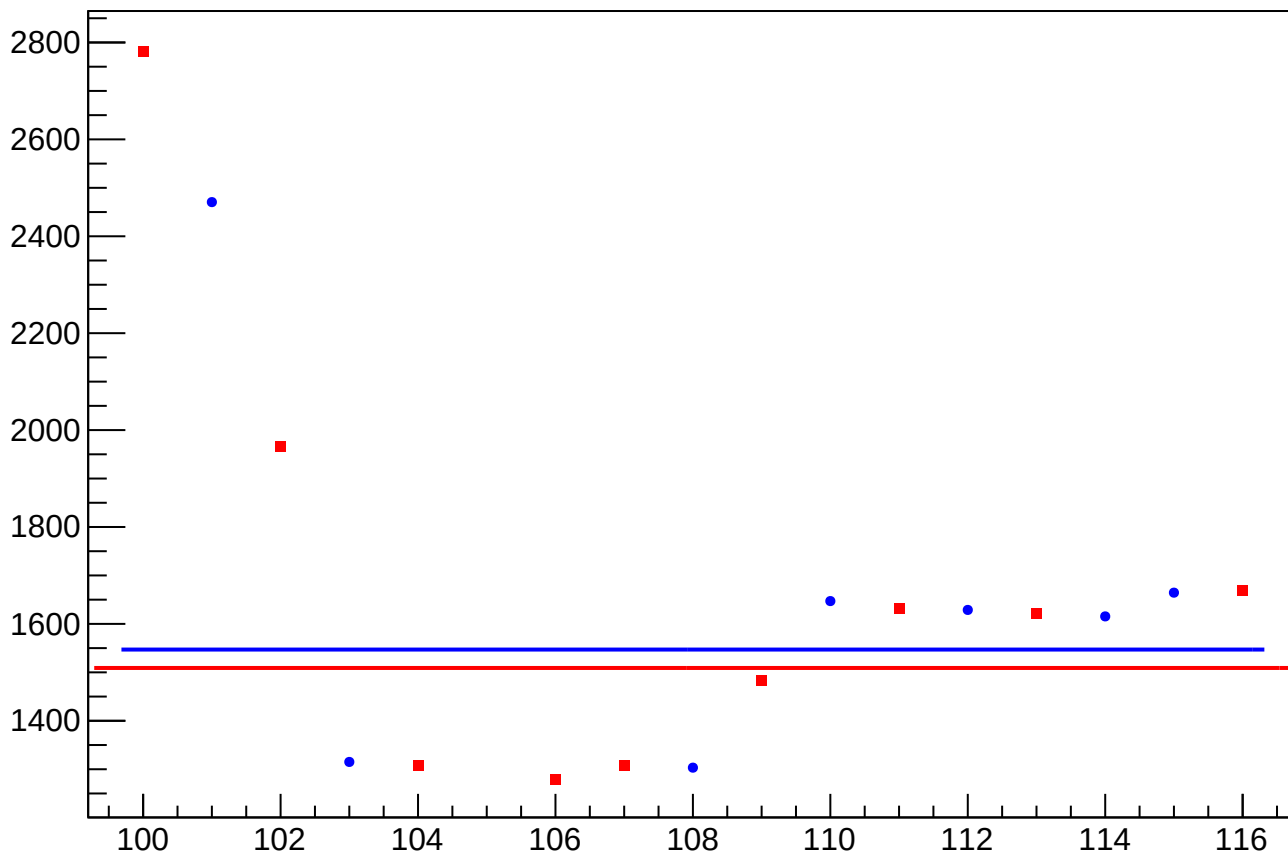
Right: 2158.102+/-627.100 χ^2/NDF : 14.7/15

In: 3250.011+/-947.628 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.102+/-627.100 χ^2/NDF : 14.7/15

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1547.029+/-0.670 χ^2/NDF : 256183.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1509.033+/-0.587 χ^2/NDF : 159669.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

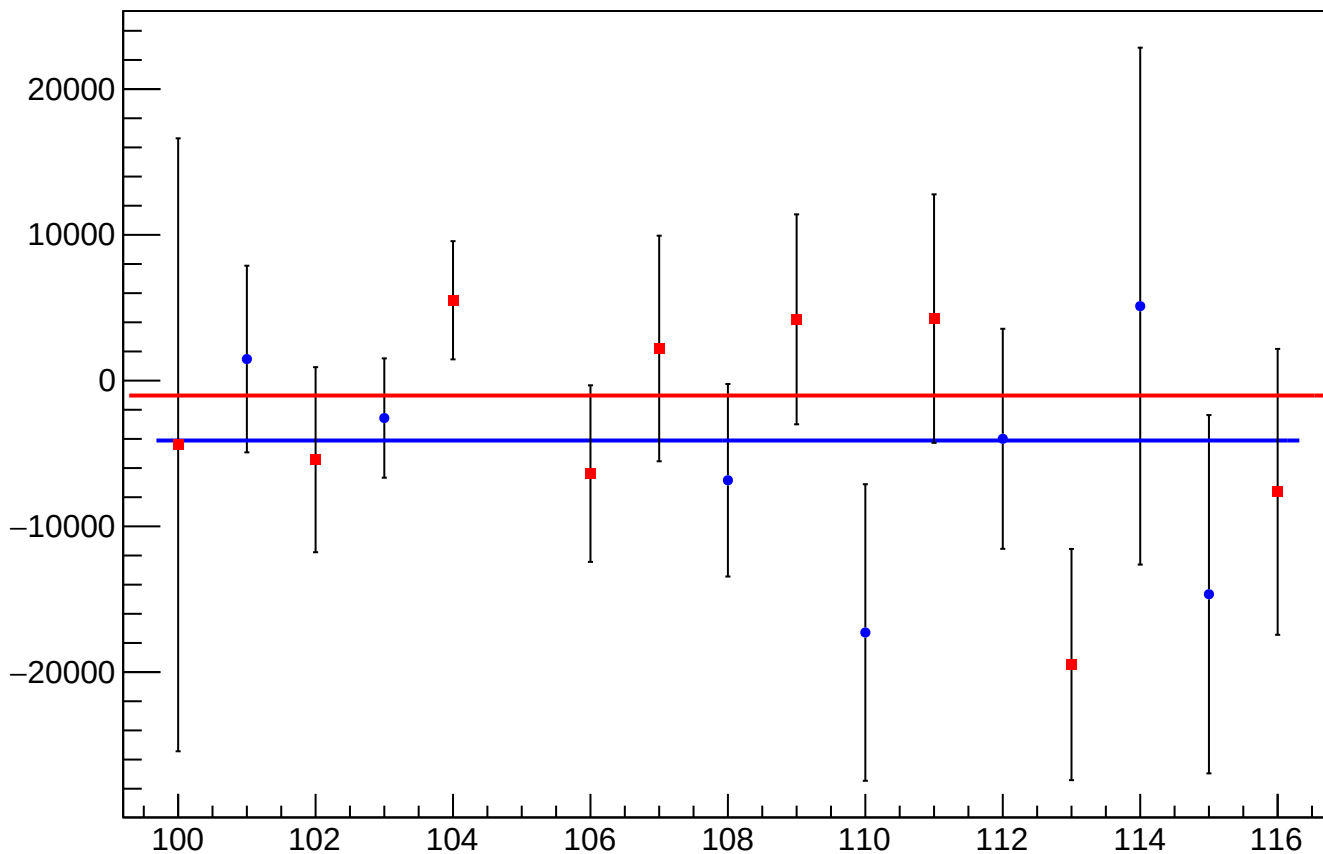
Right: 1525.524+/-0.441 χ^2/NDF : 417672.3/15

In: 1547.029+/-0.670 χ^2/NDF : 256183.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.524+/-0.441 χ^2/NDF : 417672.3/15

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4108.763+/-2635.342 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1023.266+/-2287.157 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

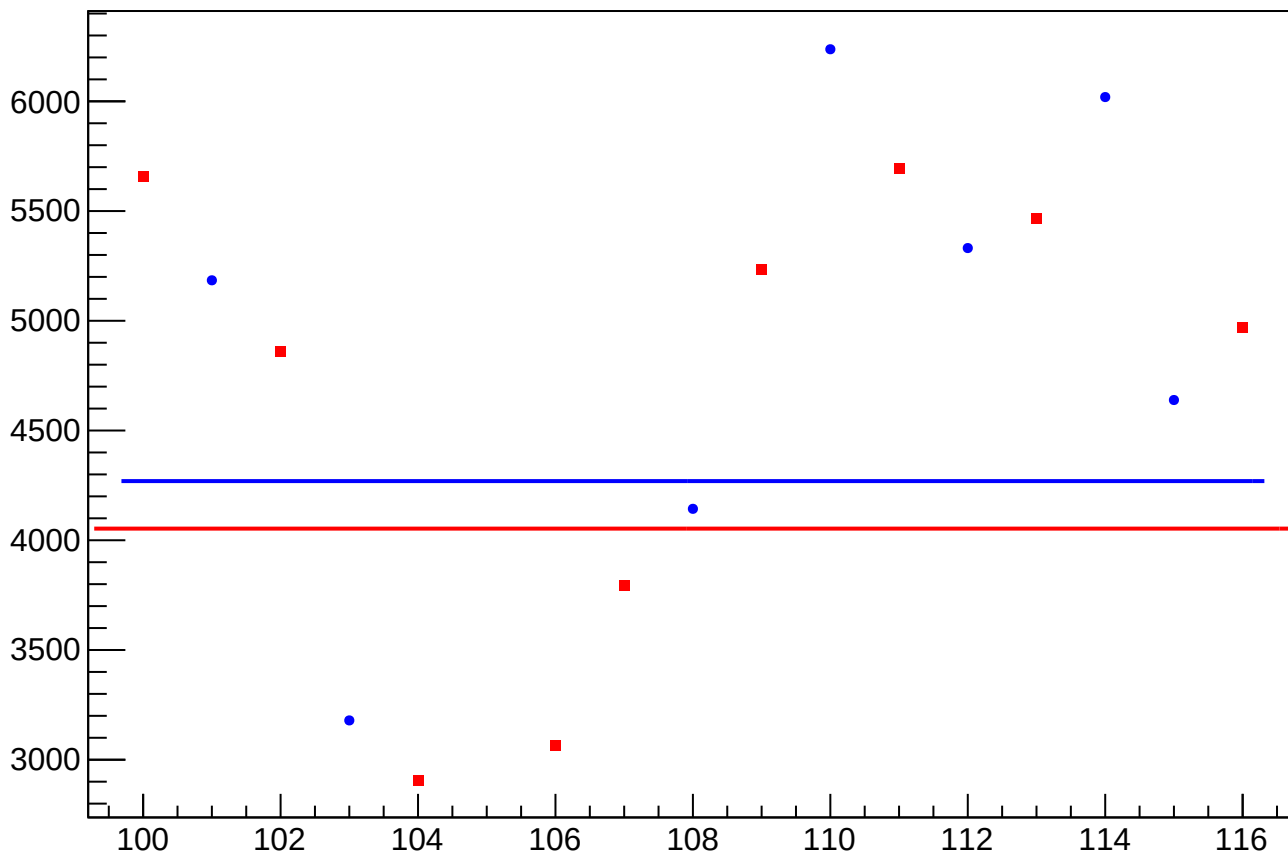
Right: -2348.854+/-1727.343 χ^2/NDF : 15.4/15

In: -4108.763+/-2635.342 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2348.854+/-1727.343 χ^2/NDF : 15.4/15

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4269.586+/-1.863 χ^2/NDF : 319117.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4053.066+/-1.617 χ^2/NDF : 467985.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

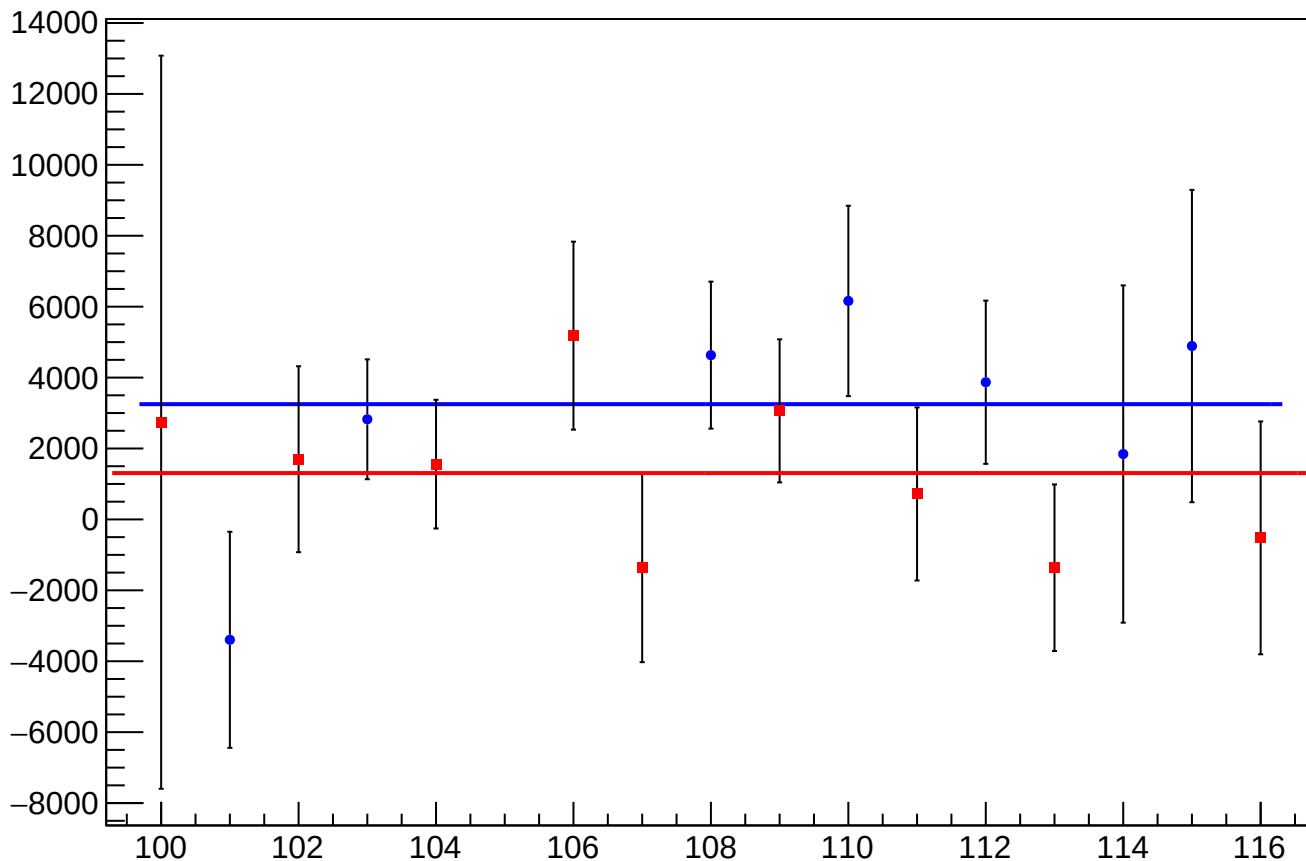
Right: 4146.087+/-1.221 χ^2/NDF : 794803.0/15

In: 4269.586+/-1.863 χ^2/NDF : 319117.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4146.087+/-1.221 χ^2/NDF : 794803.0/15

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3250.011+/-947.628 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.375+/-836.449 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

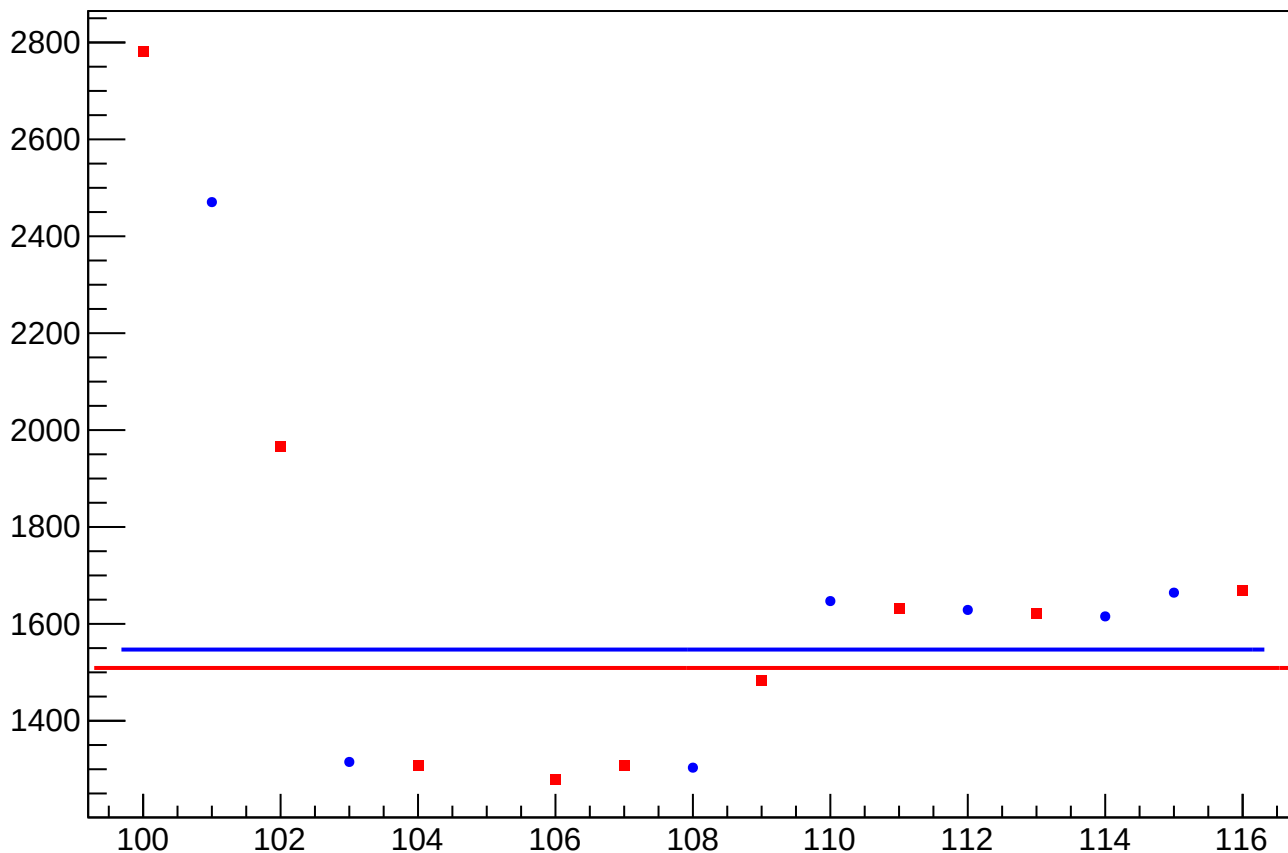
Right: 2158.102+/-627.100 χ^2/NDF : 14.7/15

In: 3250.011+/-947.628 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.102+/-627.100 χ^2/NDF : 14.7/15

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1547.029+/-0.670 χ^2/NDF : 256183.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1509.033+/-0.587 χ^2/NDF : 159669.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

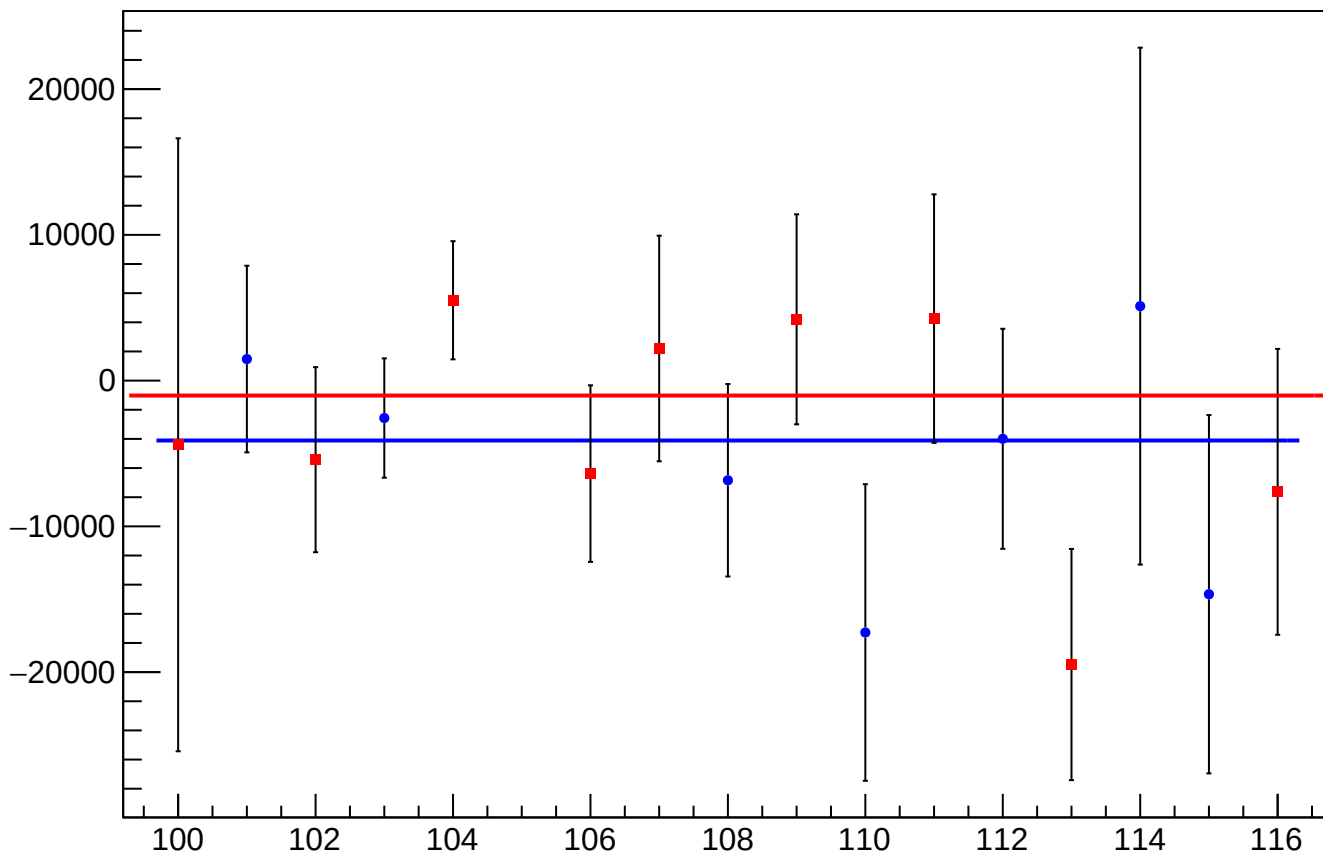
Right: 1525.524+/-0.441 χ^2/NDF : 417672.3/15

In: 1547.029+/-0.670 χ^2/NDF : 256183.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.524+/-0.441 χ^2/NDF : 417672.3/15

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4108.763+/-2635.342 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1023.266+/-2287.157 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

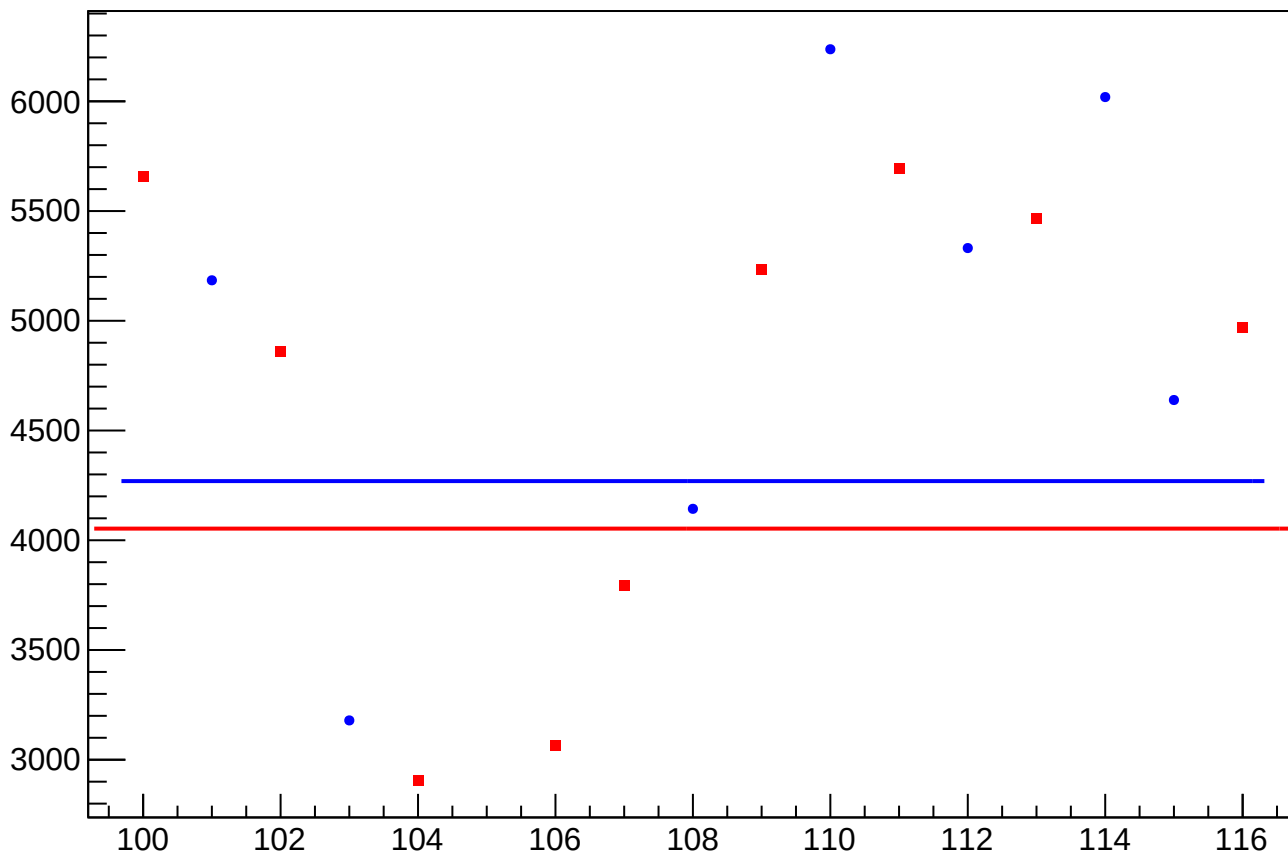
Right: -2348.854+/-1727.343 χ^2/NDF : 15.4/15

In: -4108.763+/-2635.342 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2348.854+/-1727.343 χ^2/NDF : 15.4/15

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4269.586+/-1.863 χ^2/NDF : 319117.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4053.066+/-1.617 χ^2/NDF : 467985.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

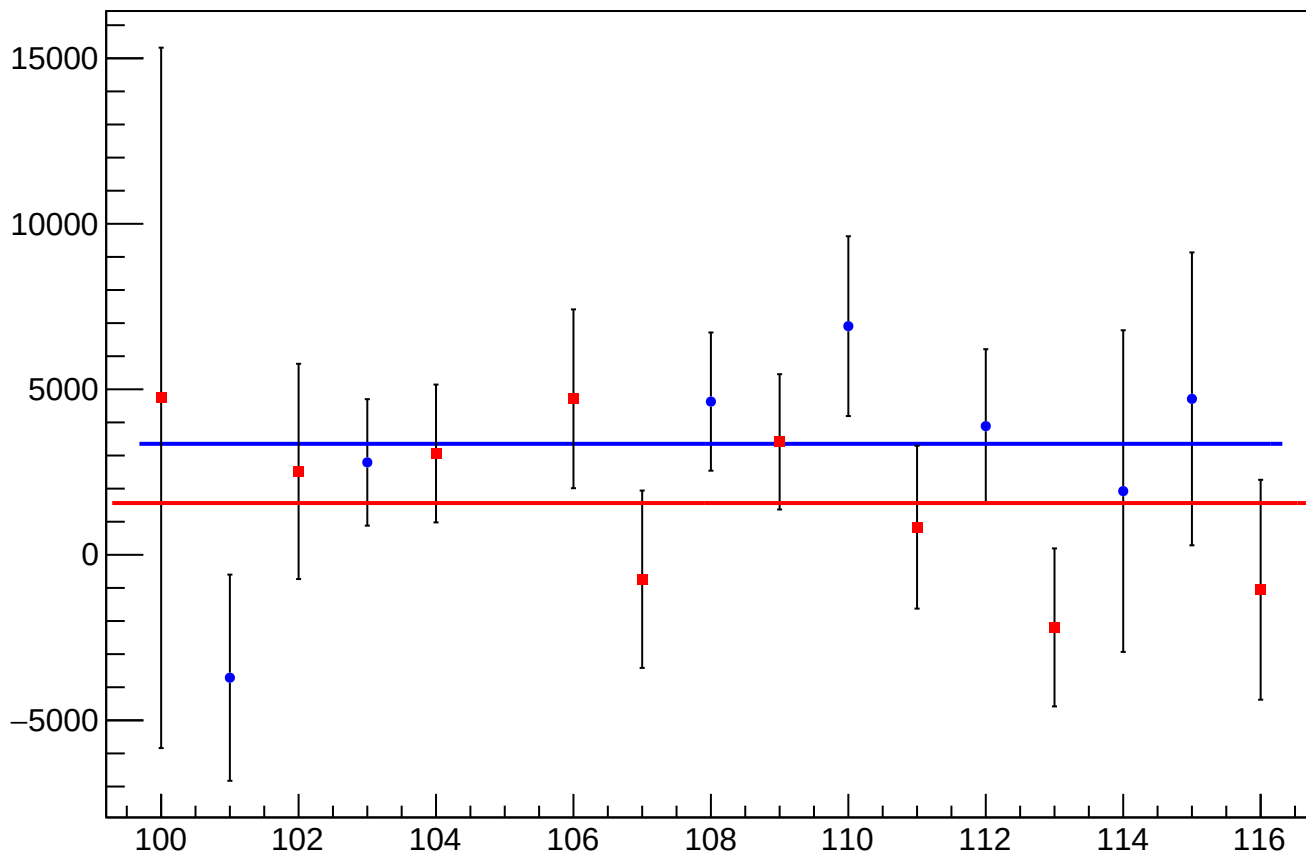
Right: 4146.087+/-1.221 χ^2/NDF : 794803.0/15

In: 4269.586+/-1.863 χ^2/NDF : 319117.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4146.087+/-1.221 χ^2/NDF : 794803.0/15

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3353.467+/-989.898 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.114+/-883.389 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

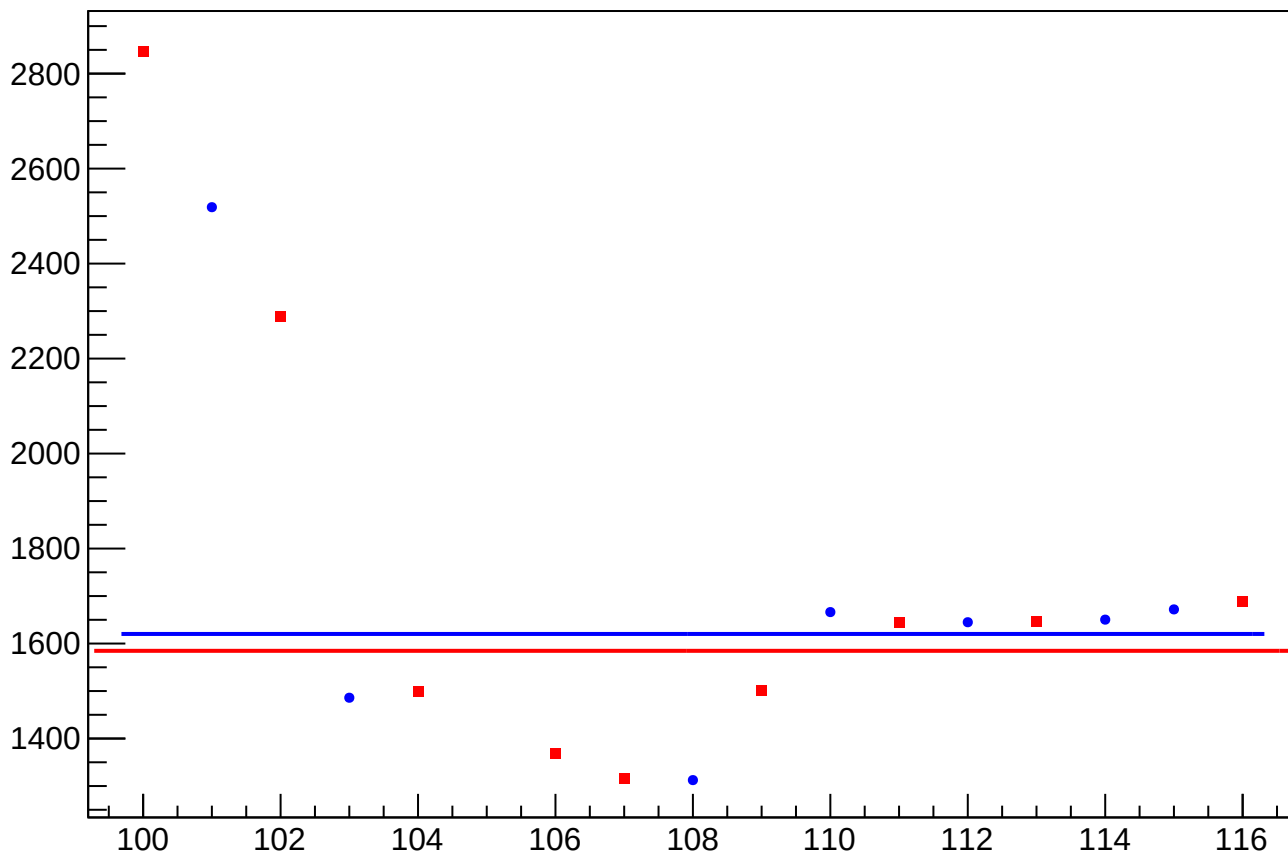
Right: 2357.382+/-659.102 χ^2/NDF : 16.2/15

In: 3353.467+/-989.898 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.382+/-659.102 χ^2/NDF : 16.2/15

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1620.201+/-0.700 χ^2/NDF : 220948.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1584.681+/-0.623 χ^2/NDF : 166623.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

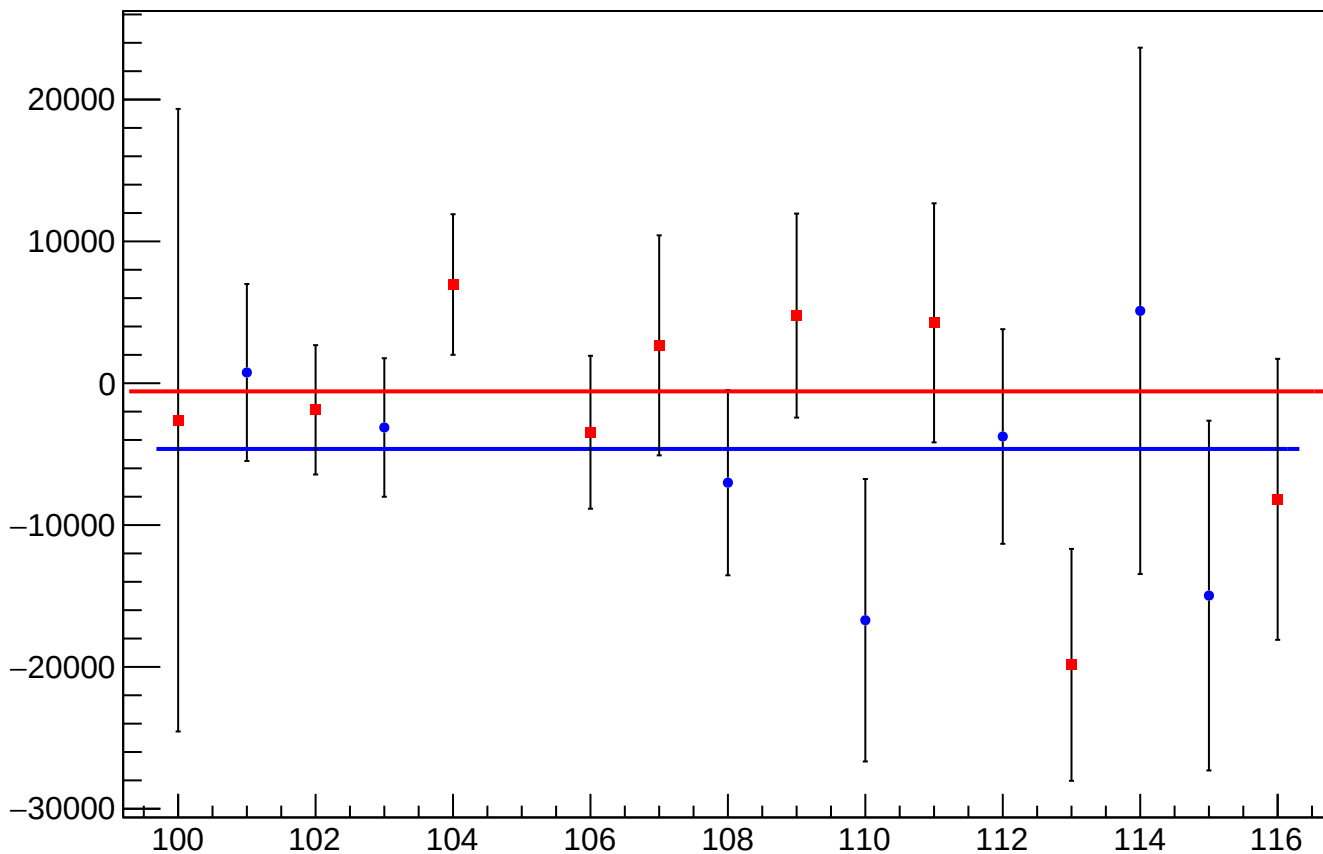
Right: 1600.396+/-0.466 χ^2/NDF : 389008.3/15

In: 1620.201+/-0.700 χ^2/NDF : 220948.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.396+/-0.466 χ^2/NDF : 389008.3/15

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4632.967+/-2793.711 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -573.720+/-2233.362 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

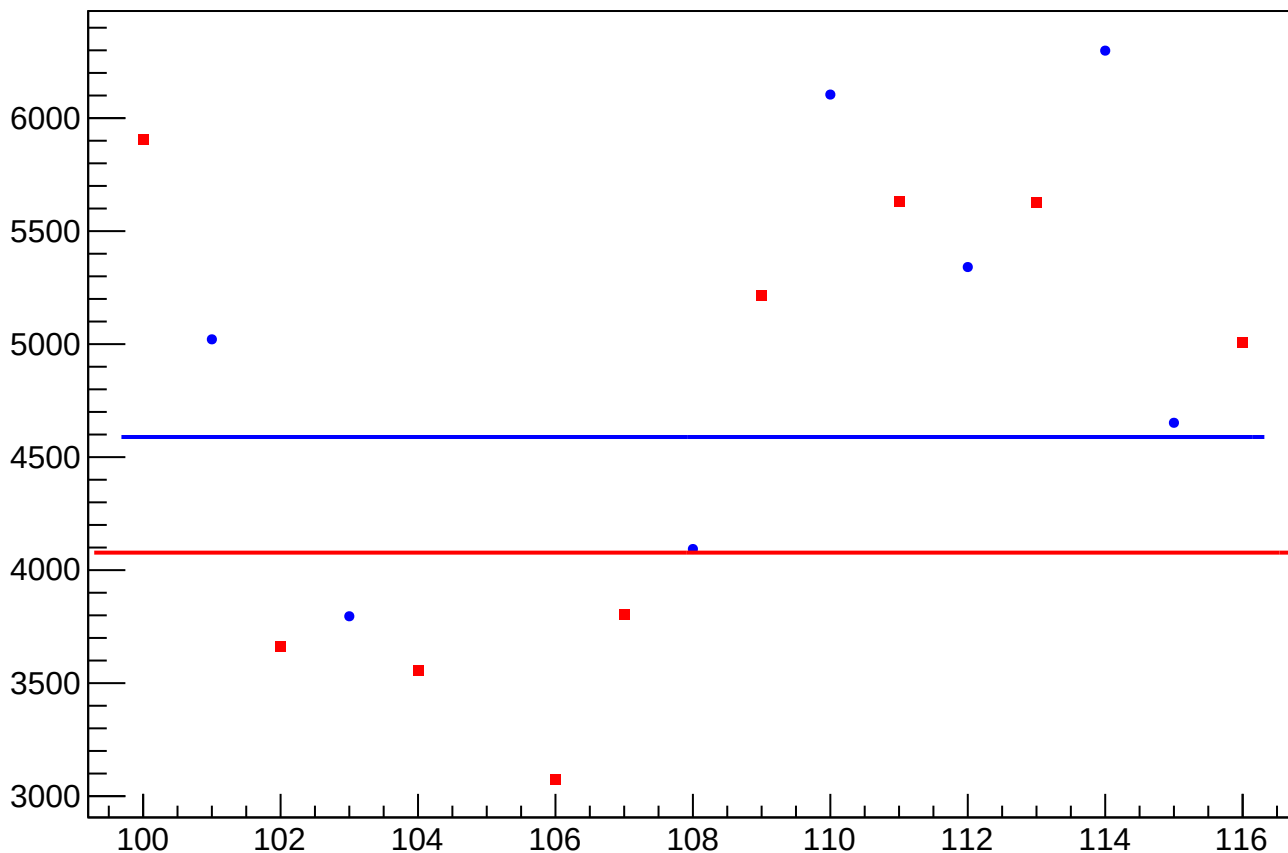
Right: -2156.427+/-1744.452 χ^2/NDF : 14.6/15

In: -4632.967+/-2793.711 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2156.427+/-1744.452 χ^2/NDF : 14.6/15

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4589.100+/-1.975 χ^2/NDF : 156989.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4077.472+/-1.579 χ^2/NDF : 332000.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

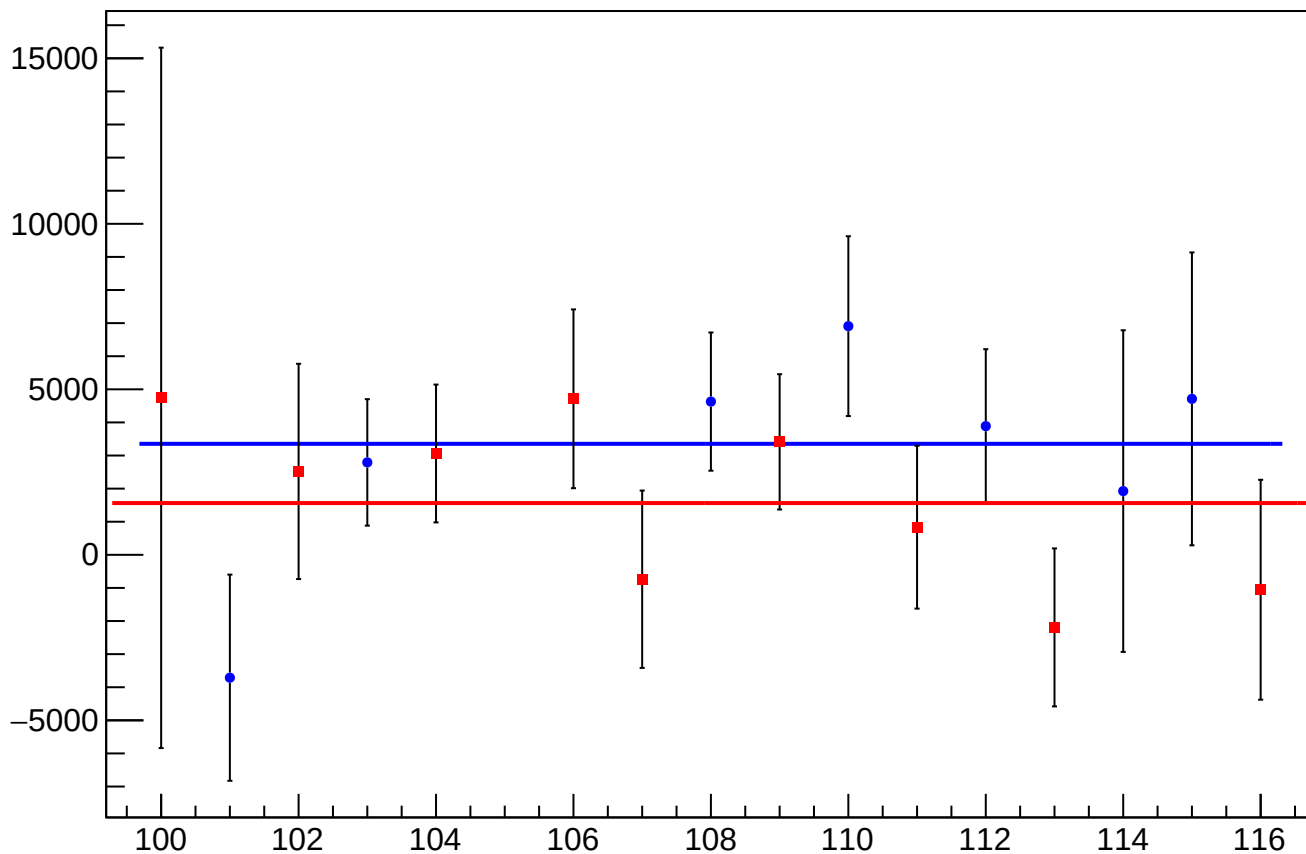
Right: 4276.957+/-1.234 χ^2/NDF : 529913.7/15

In: 4589.100+/-1.975 χ^2/NDF : 156989.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4276.957+/-1.234 χ^2/NDF : 529913.7/15

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3353.469+/-989.898 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.116+/-883.389 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

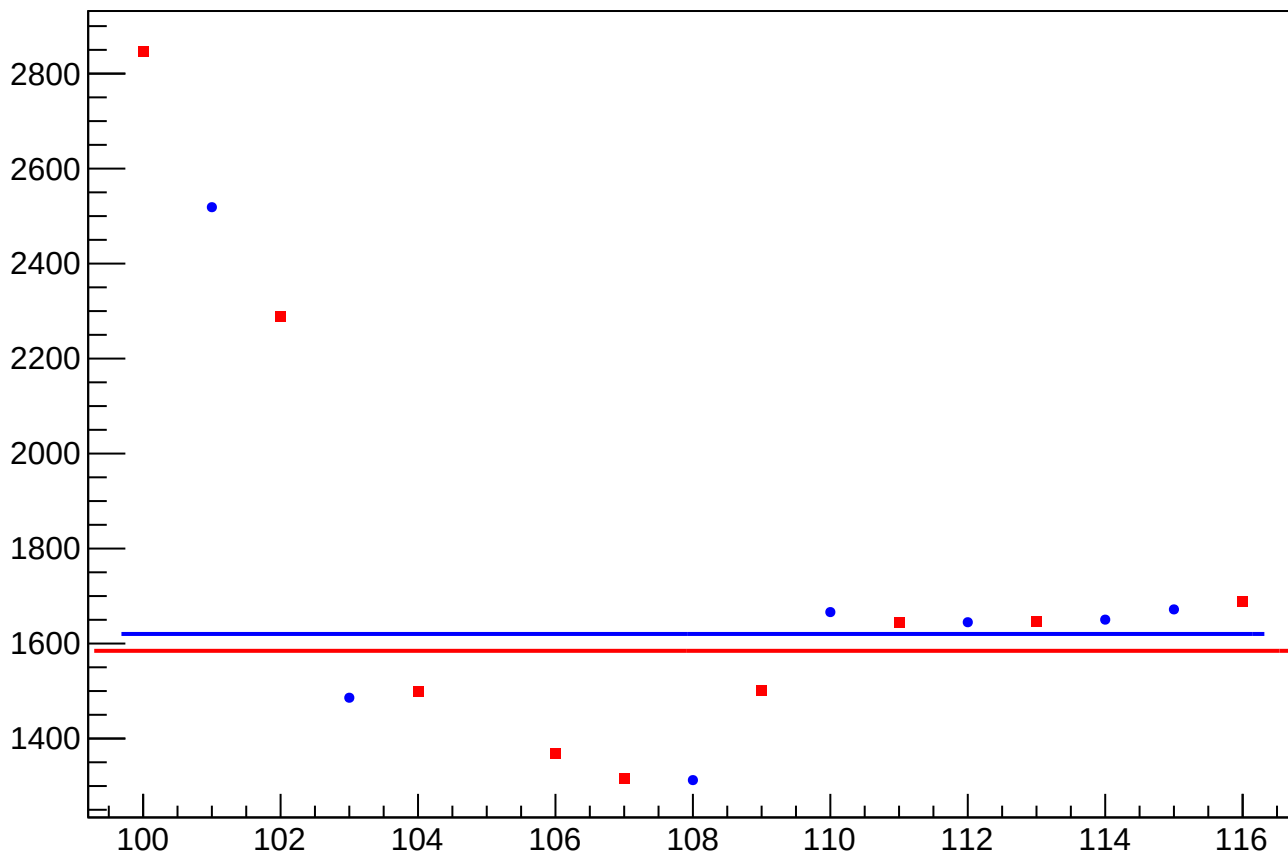
Right: 2357.384+/-659.101 χ^2/NDF : 16.2/15

In: 3353.469+/-989.898 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.384+/-659.101 χ^2/NDF : 16.2/15

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1620.201+/-0.700 χ^2/NDF : 220949.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1584.681+/-0.623 χ^2/NDF : 166623.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

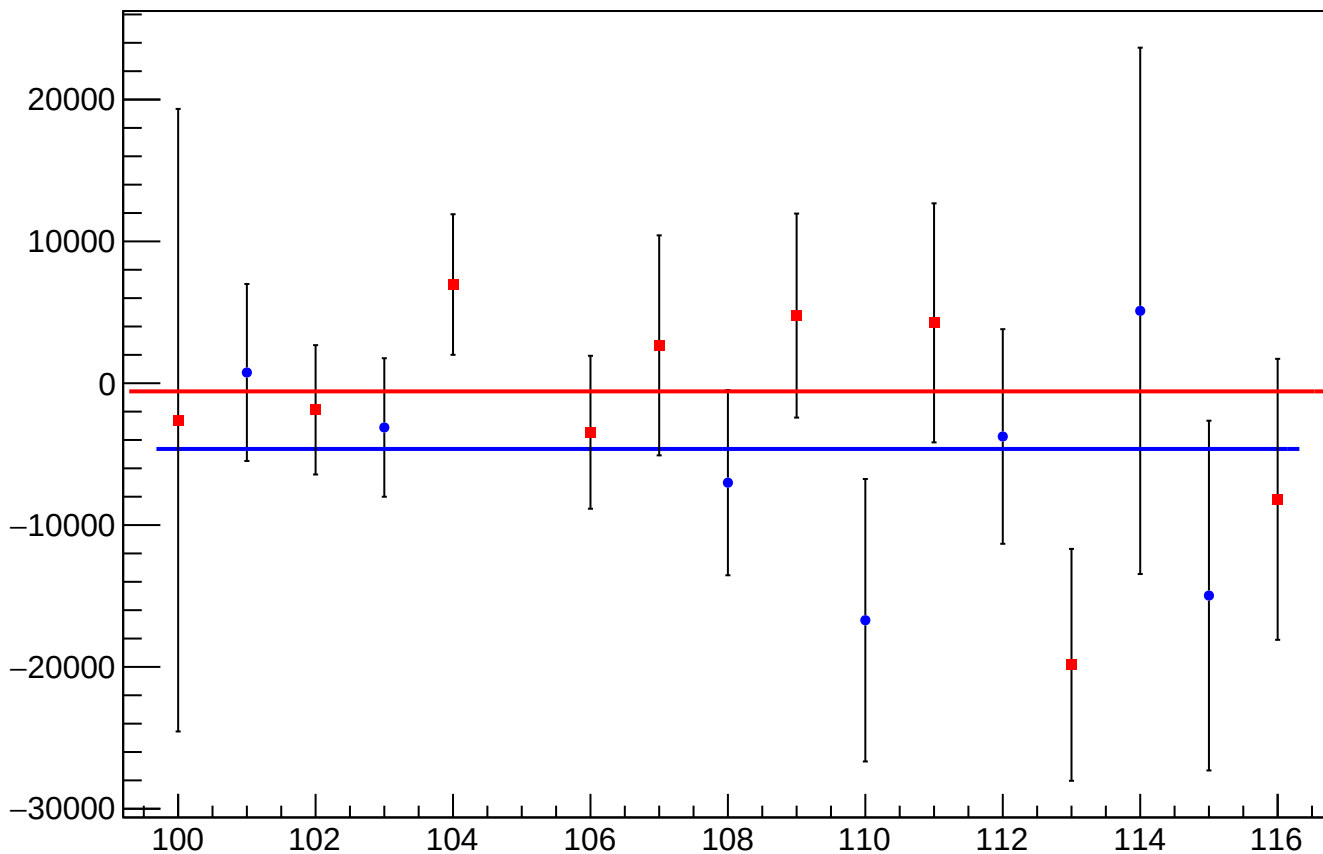
Right: 1600.395+/-0.466 χ^2/NDF : 389008.2/15

In: 1620.201+/-0.700 χ^2/NDF : 220949.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.395+/-0.466 χ^2/NDF : 389008.2/15

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4632.971+/-2793.708 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -573.723+/-2233.359 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

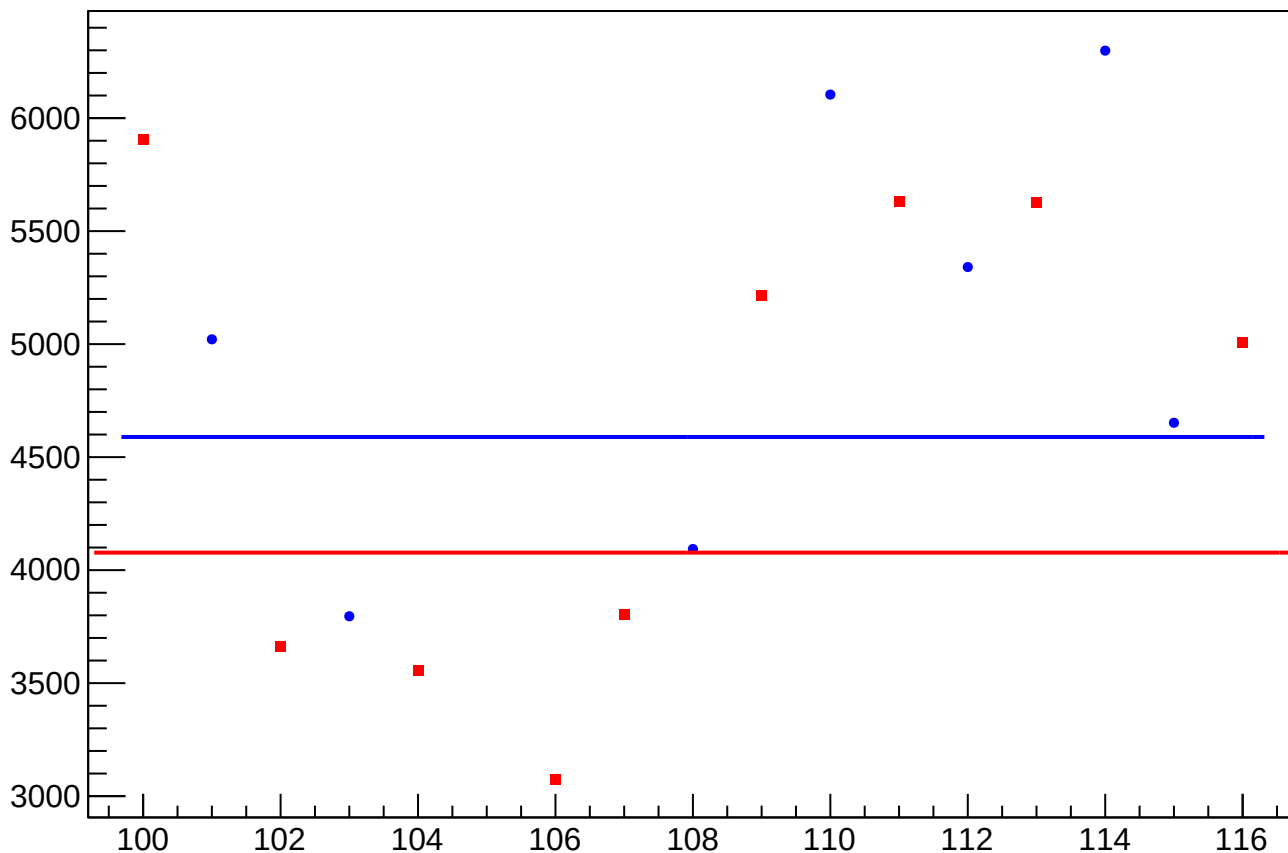
Right: -2156.430+/-1744.450 χ^2/NDF : 14.6/15

In: -4632.971+/-2793.708 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2156.430+/-1744.450 χ^2/NDF : 14.6/15

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4589.097+/-1.975 χ^2/NDF : 156988.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4077.467+/-1.579 χ^2/NDF : 331998.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

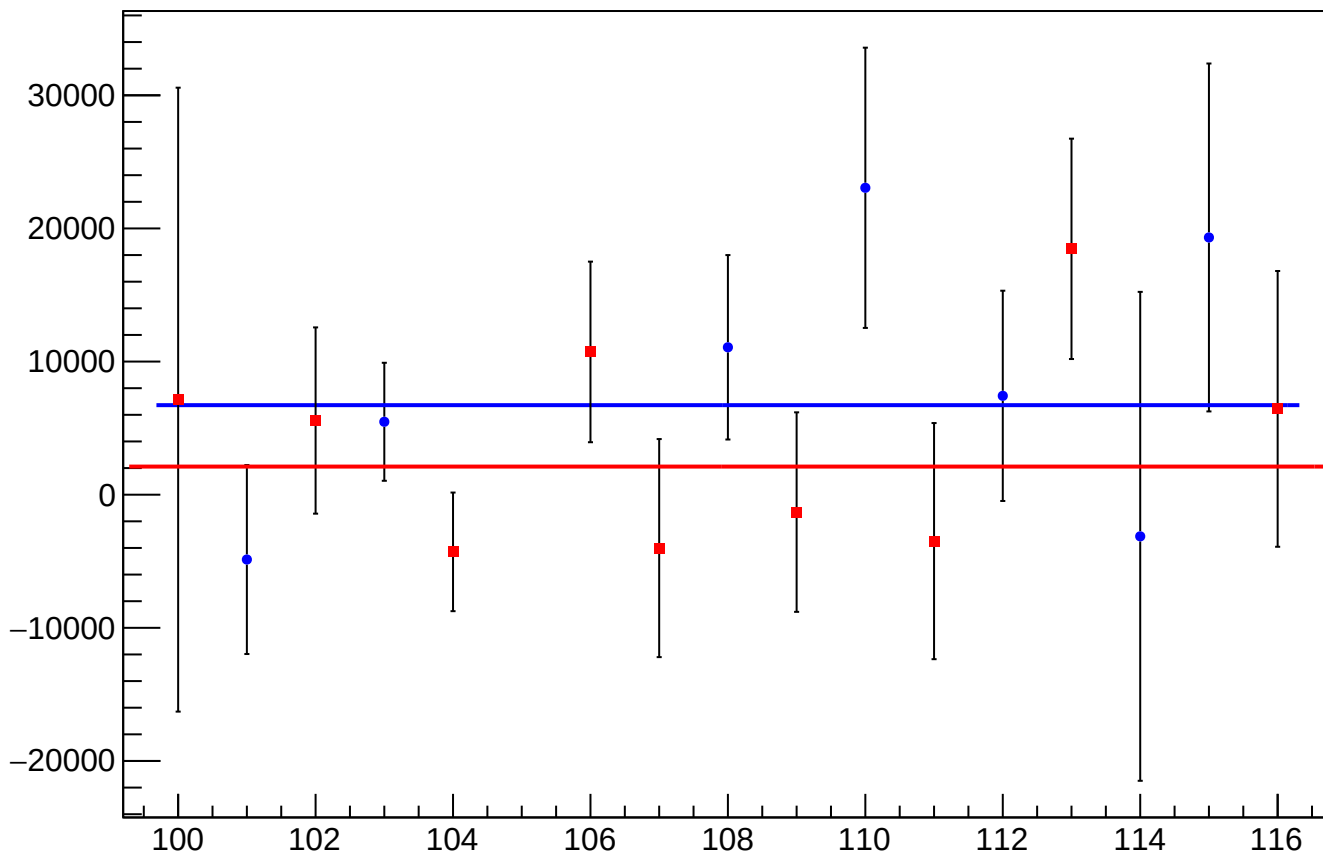
Right: 4276.952+/-1.234 χ^2/NDF : 529911.1/15

In: 4589.097+/-1.975 χ^2/NDF : 156988.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4276.952+/-1.234 χ^2/NDF : 529911.1/15

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 6725.720+/-2822.901 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.323+/-2471.304 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

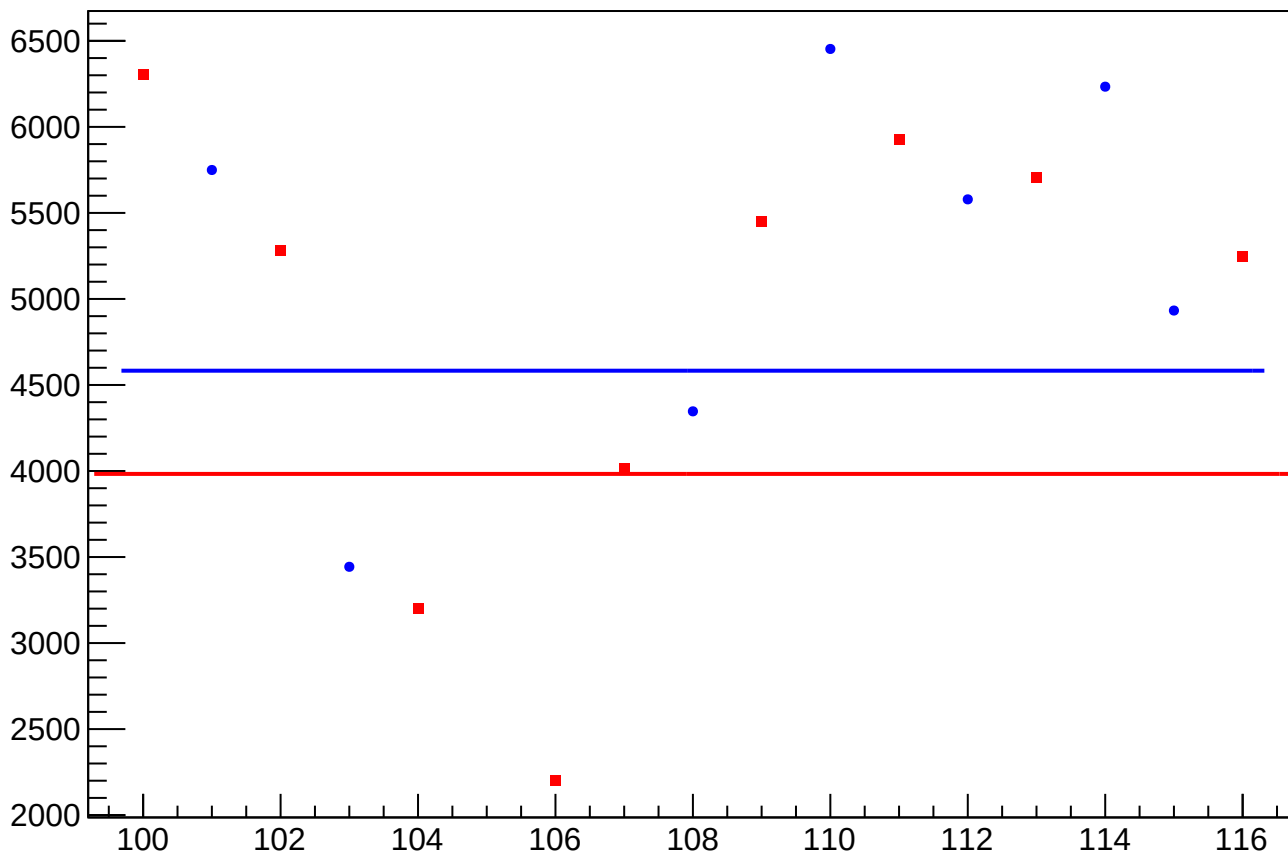
Right: 4113.983+/-1859.432 χ^2/NDF : 17.5/15

In: 6725.720+/-2822.901 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4113.983+/-1859.432 χ^2/NDF : 17.5/15

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4582.972+/-1.996 χ^2/NDF : 301146.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3983.104+/-1.637 χ^2/NDF : 722956.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

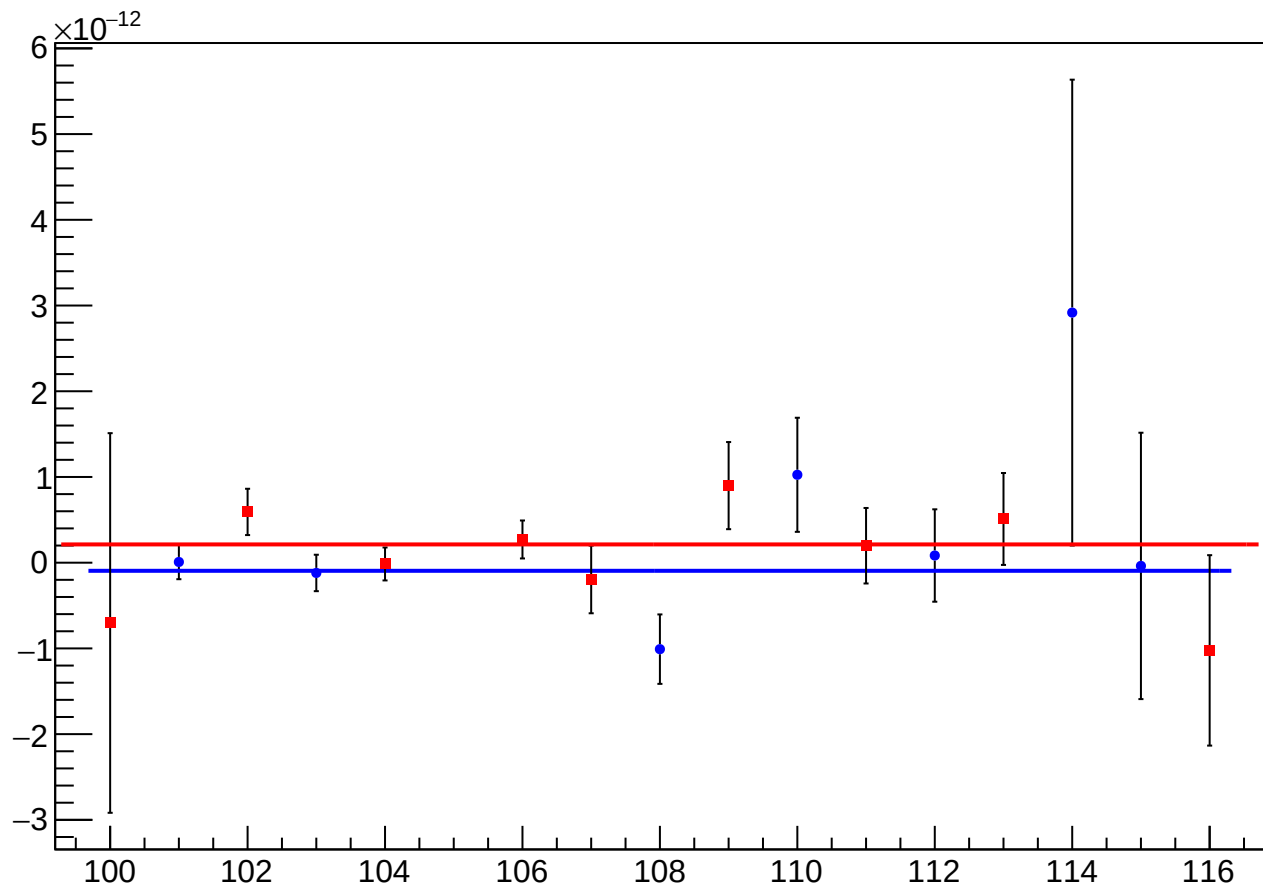
Right: 4224.263+/-1.266 χ^2/NDF : 1078108.2/15

In: 4582.972+/-1.996 χ^2/NDF : 301146.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4224.263+/-1.266 χ^2/NDF : 1078108.2/15

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

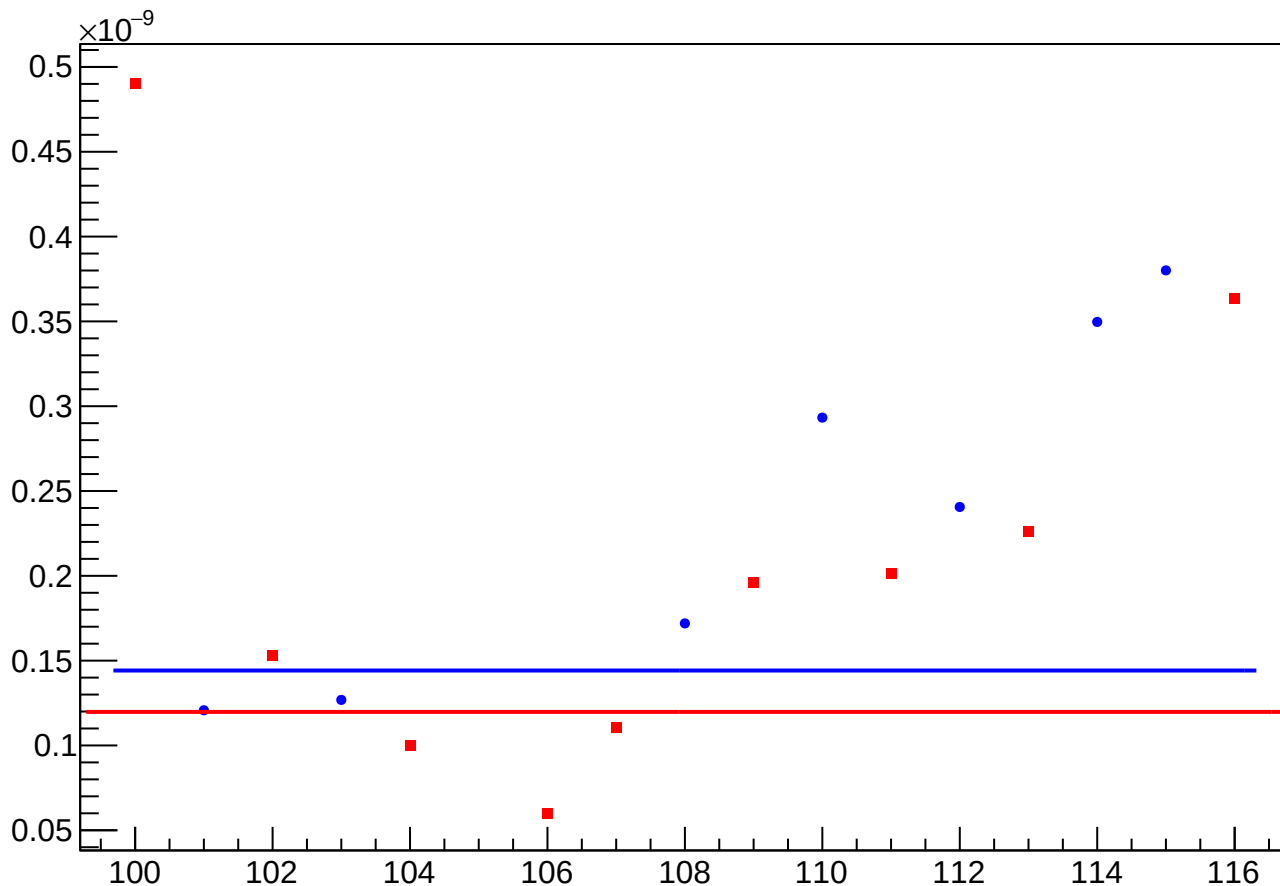
Right: 0.000+/-0.000 χ^2/NDF : 20.8/15

In: -0.000+/-0.000 χ^2/NDF : 9.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/15

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 271858.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 544668.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

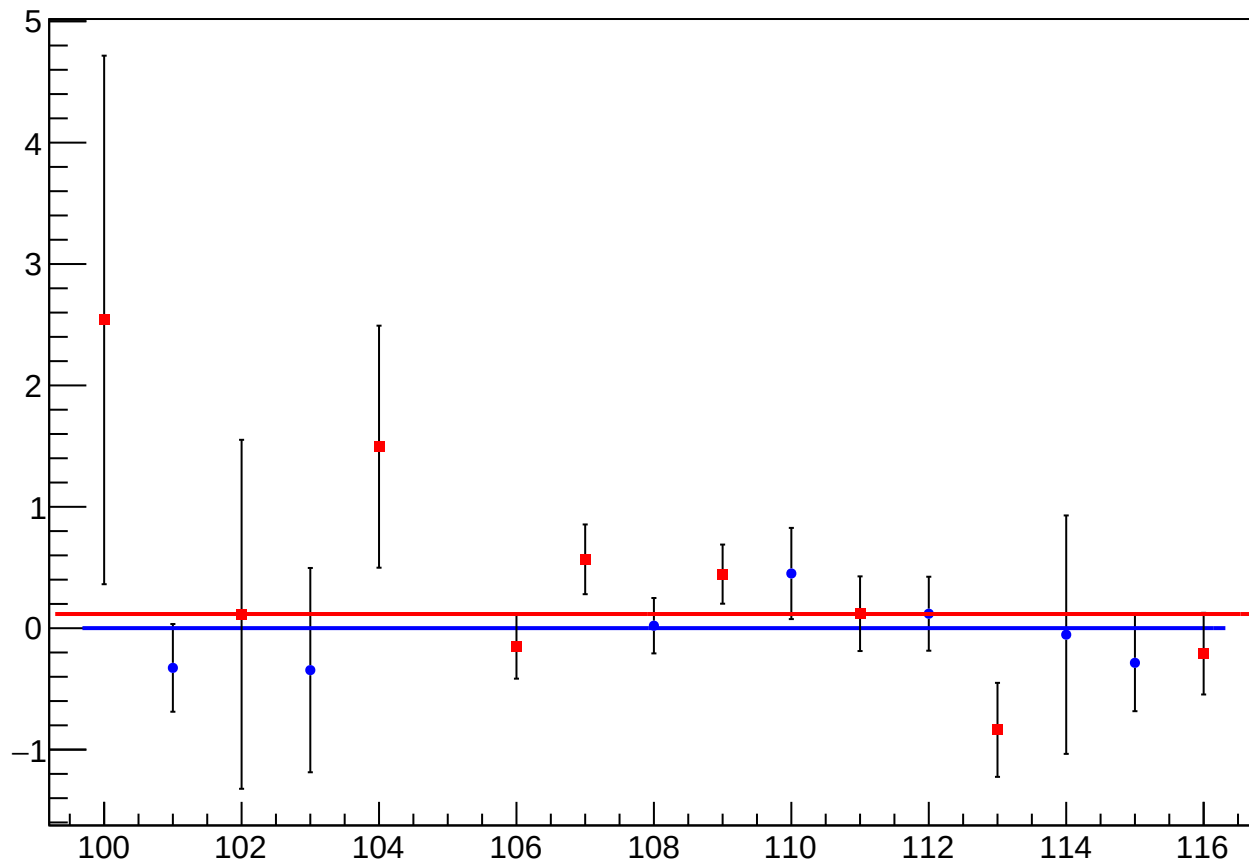
Right: 0.000+/-0.000 χ^2/NDF : 857298.3/15

In: 0.000+/-0.000 χ^2/NDF : 271858.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 857298.3/15

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.119 χ^2/NDF : 15.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

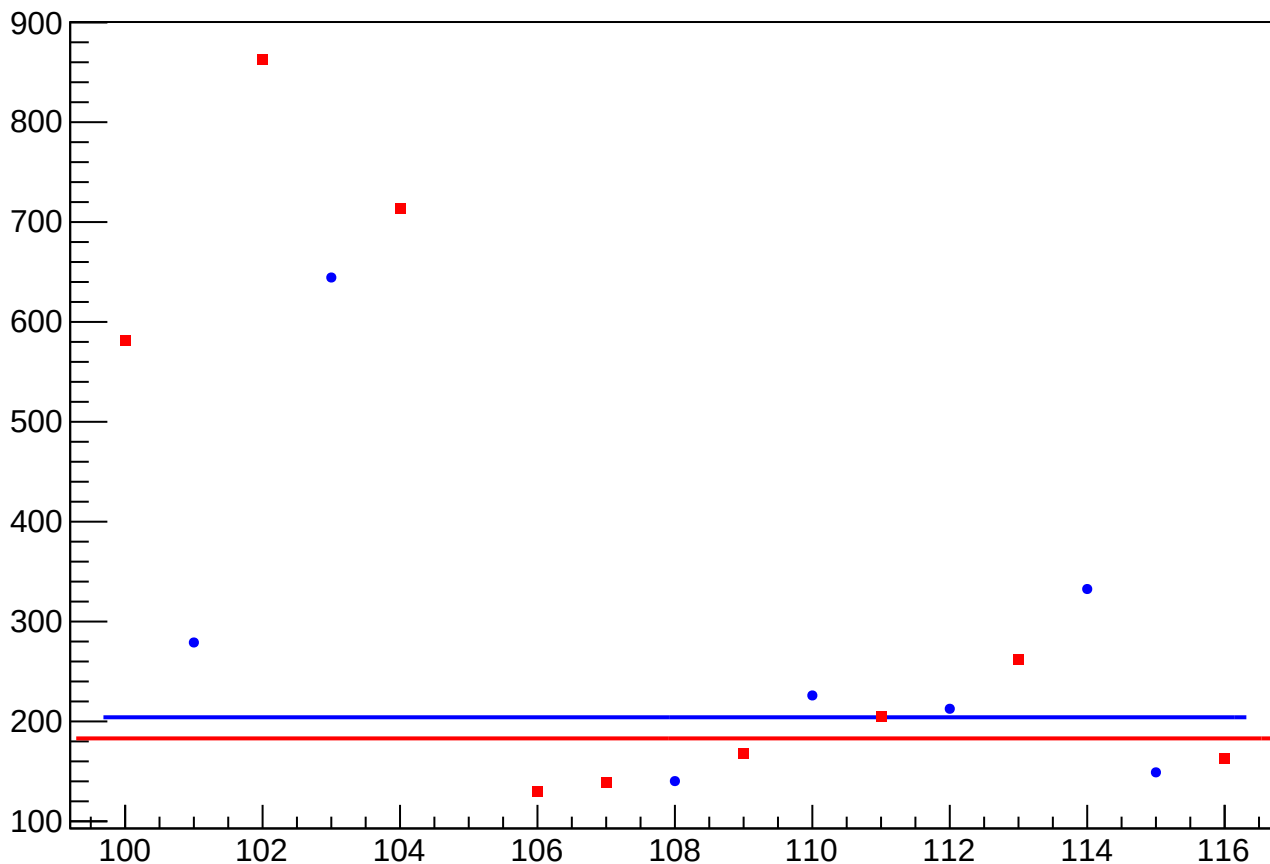
Right: 0.067+/-0.090 χ^2/NDF : 18.9/15

In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.090 χ^2/NDF : 18.9/15

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.152+/-0.097 χ^2/NDF : 871321.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.006+/-0.084 χ^2/NDF : 1312471.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

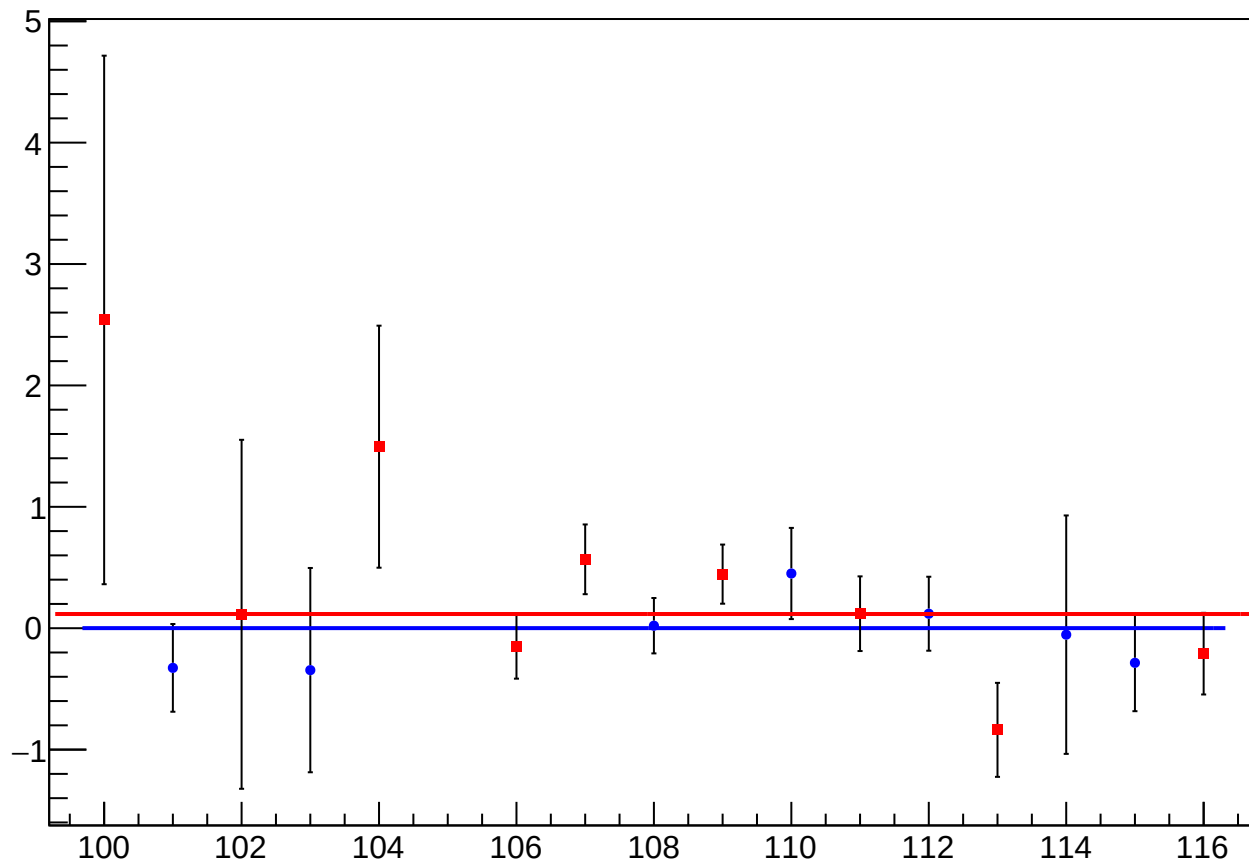
Right: 192.118+/-0.063 χ^2/NDF : 2211015.5/15

In: 204.152+/-0.097 χ^2/NDF : 871321.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.118+/-0.063 χ^2/NDF : 2211015.5/15

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.119 χ^2/NDF : 15.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

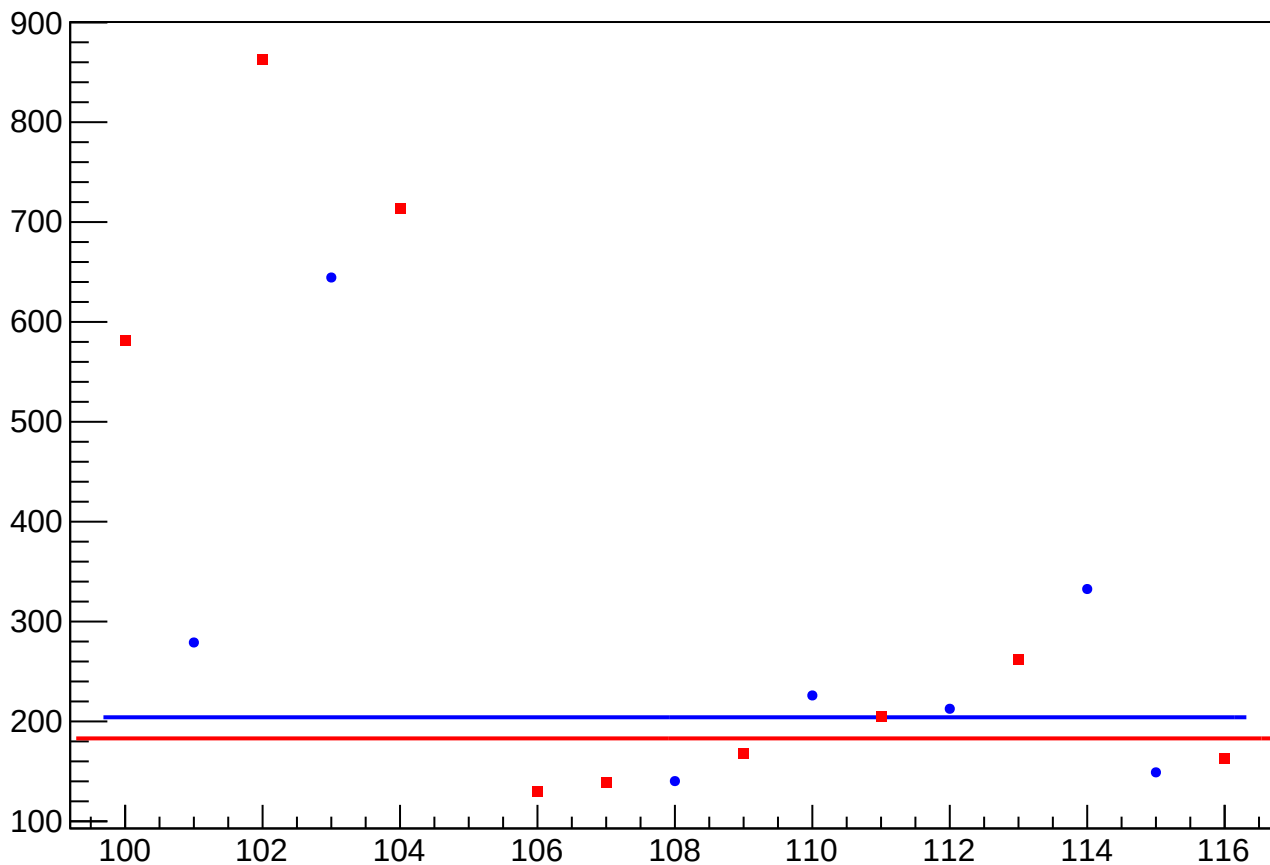
Right: 0.067+/-0.090 χ^2/NDF : 18.9/15

In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.090 χ^2/NDF : 18.9/15

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.152+/-0.097 χ^2/NDF : 871321.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.006+/-0.084 χ^2/NDF : 1312471.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

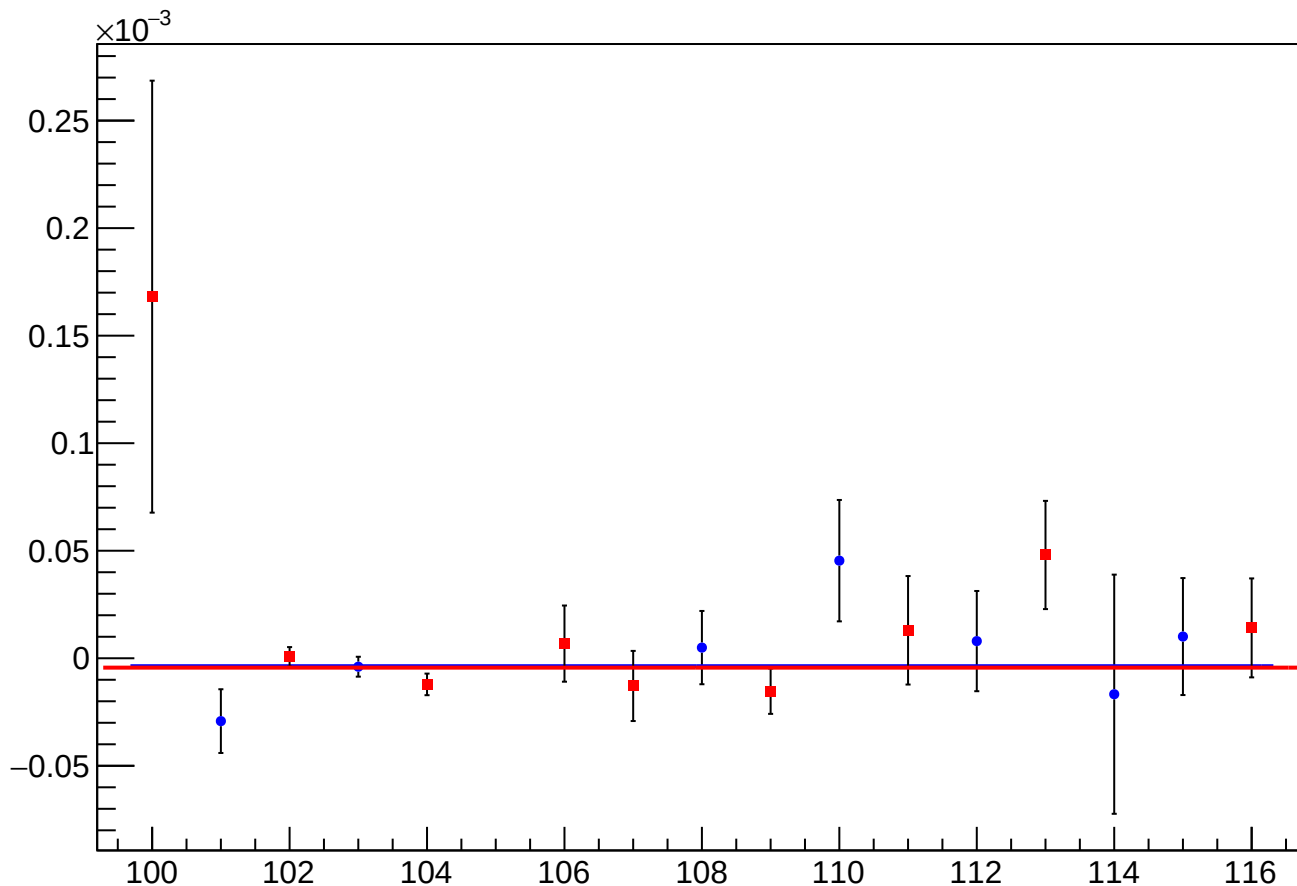
Right: 192.118+/-0.063 χ^2/NDF : 2211015.5/15

In: 204.152+/-0.097 χ^2/NDF : 871321.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.118+/-0.063 χ^2/NDF : 2211015.5/15

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

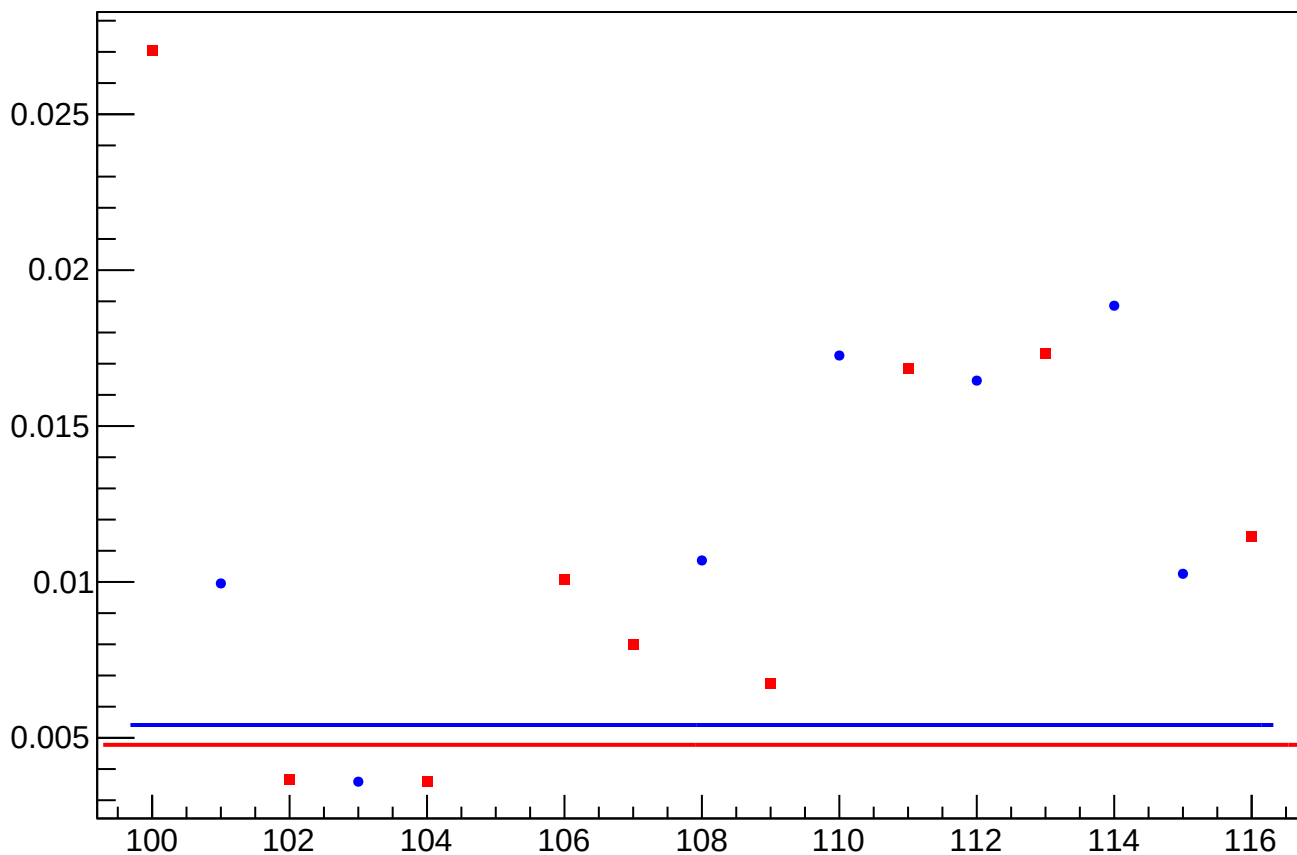
Right: -0.000+/-0.000 χ^2/NDF : 20.6/15

In: -0.000+/-0.000 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/15

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1671326.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1774254.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

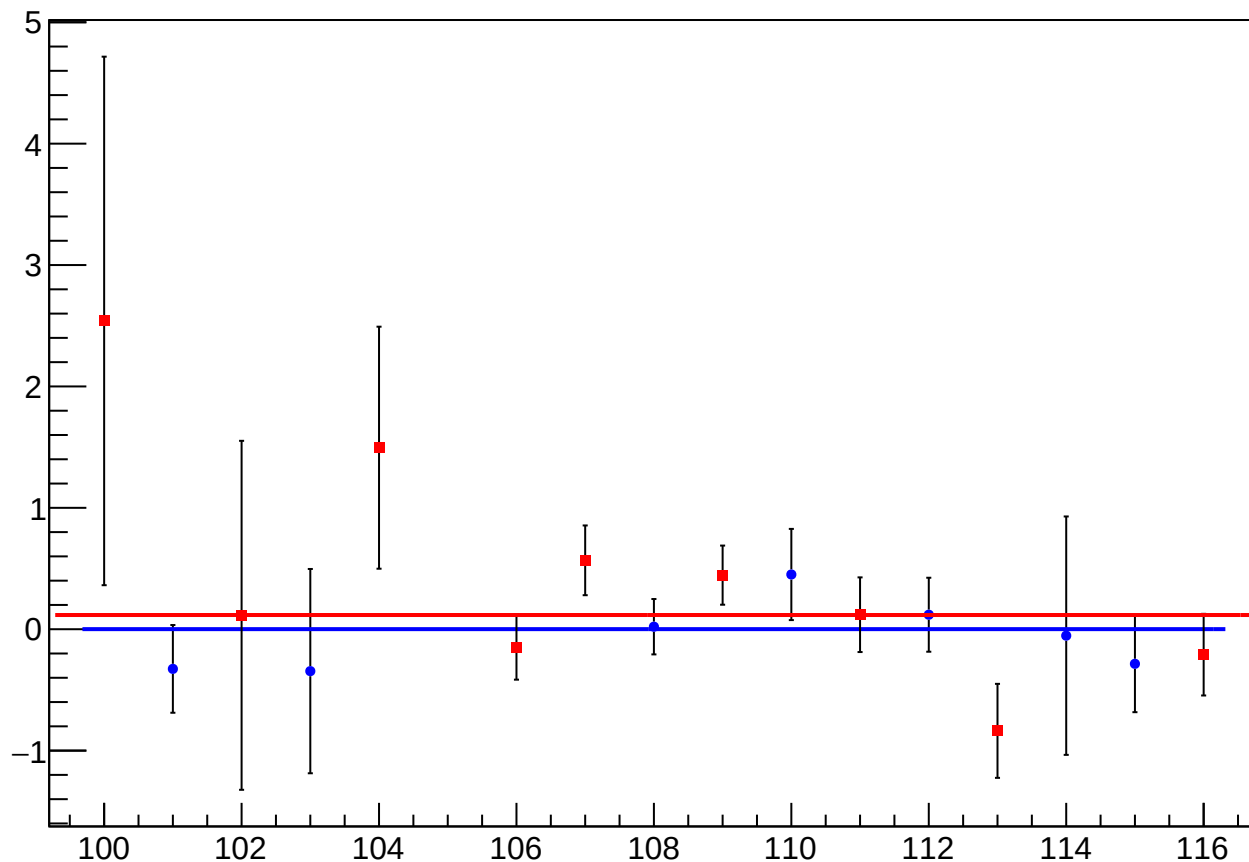
Right: 0.005+/-0.000 χ^2/NDF : 3476758.4/15

In: 0.005+/-0.000 χ^2/NDF :1671326.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3476758.4/15

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.119 χ^2/NDF : 15.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

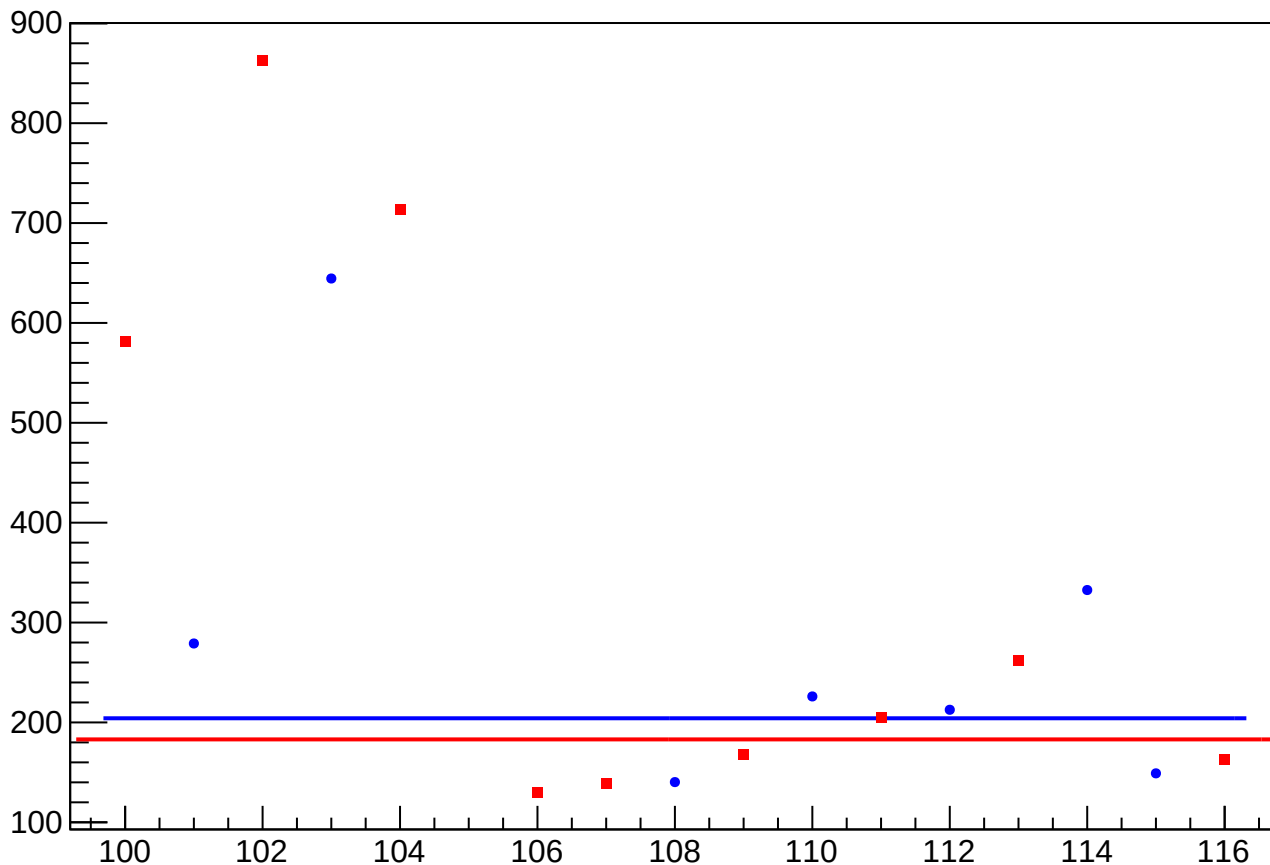
Right: 0.067+/-0.090 χ^2/NDF : 18.9/15

In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.090 χ^2/NDF : 18.9/15

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.153+/-0.097 χ^2/NDF : 871326.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.006+/-0.084 χ^2/NDF : 1312467.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

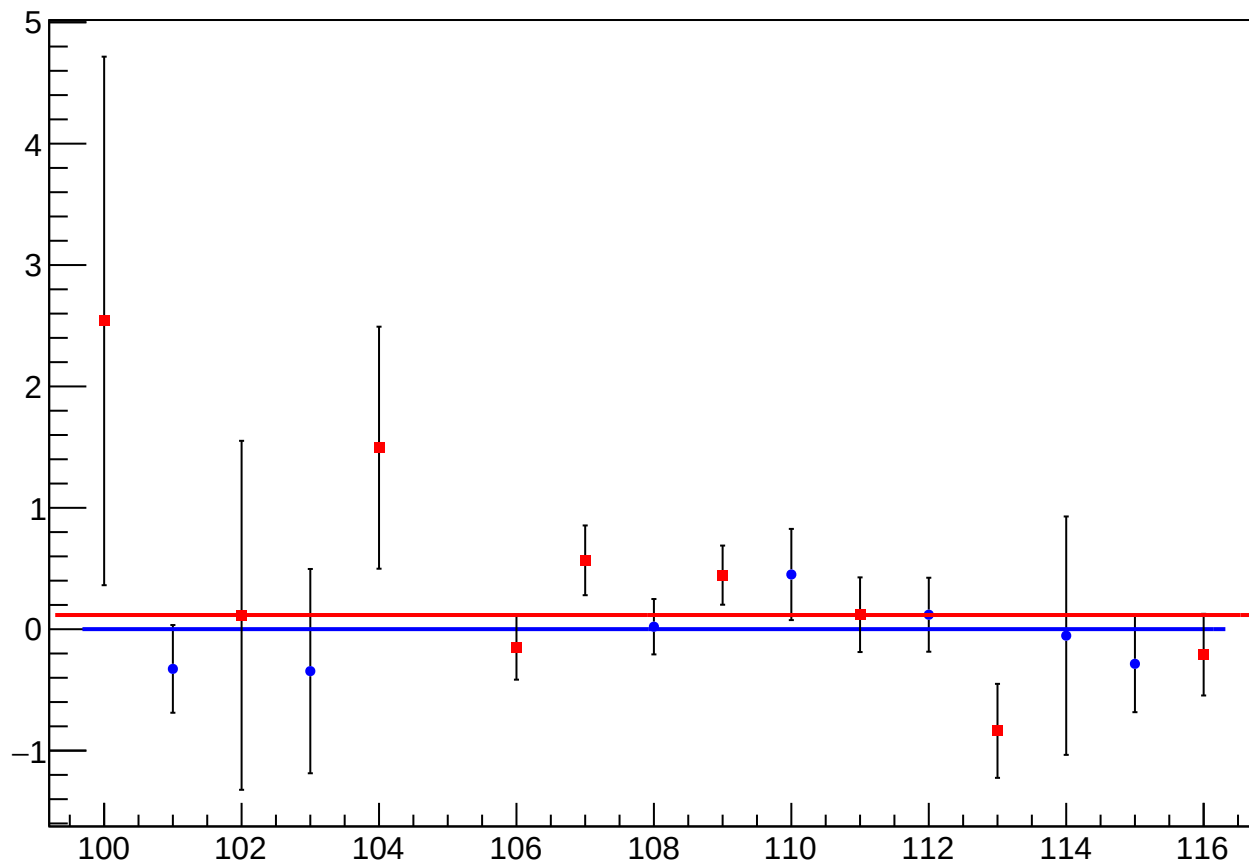
Right: 192.118+/-0.063 χ^2/NDF : 2211016.6/15

In: 204.153+/-0.097 χ^2/NDF : 871326.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.118+/-0.063 χ^2/NDF : 2211016.6/15

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.119 χ^2/NDF : 15.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

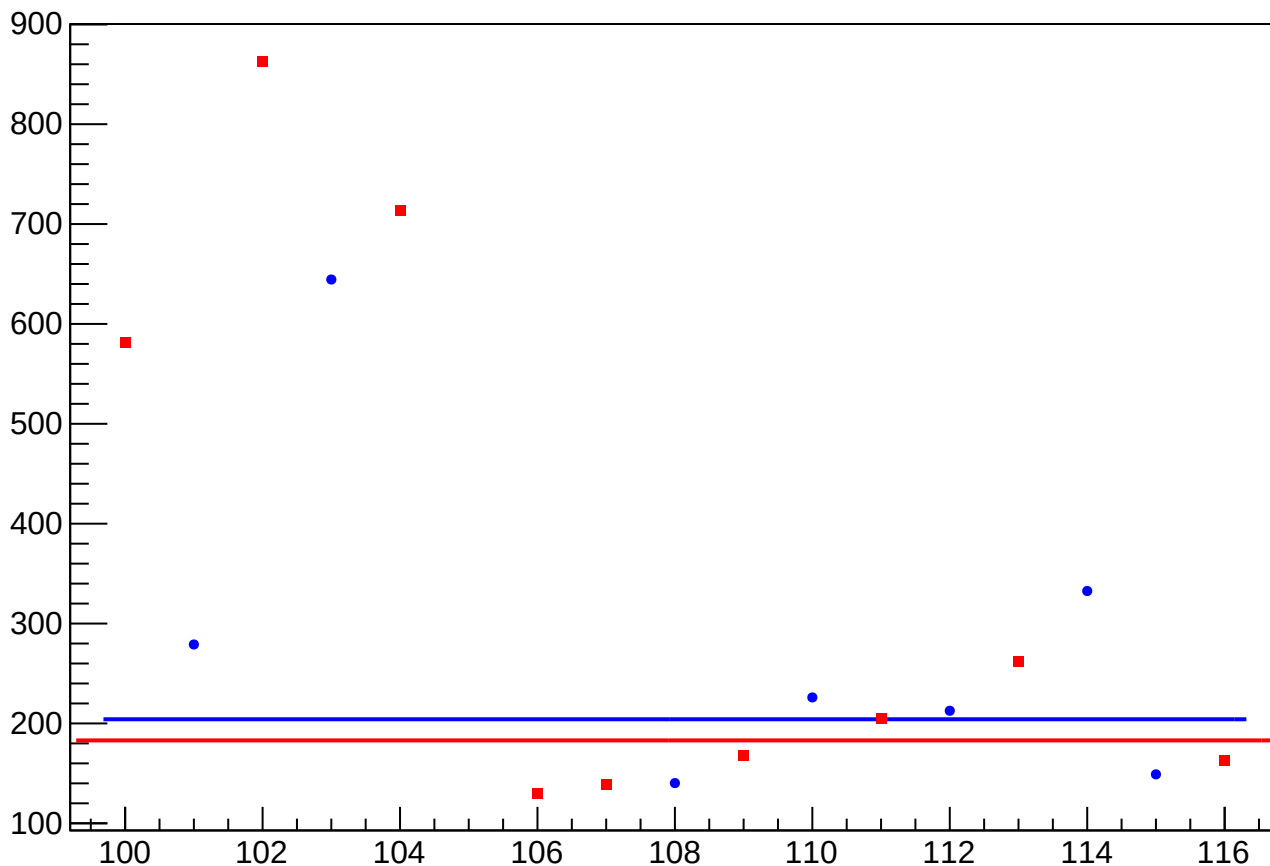
Right: 0.067+/-0.090 χ^2/NDF : 18.9/15

In: 0.001+/-0.137 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.090 χ^2/NDF : 18.9/15

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.153+/-0.097 χ^2/NDF : 871326.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.006+/-0.084 χ^2/NDF : 1312467.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

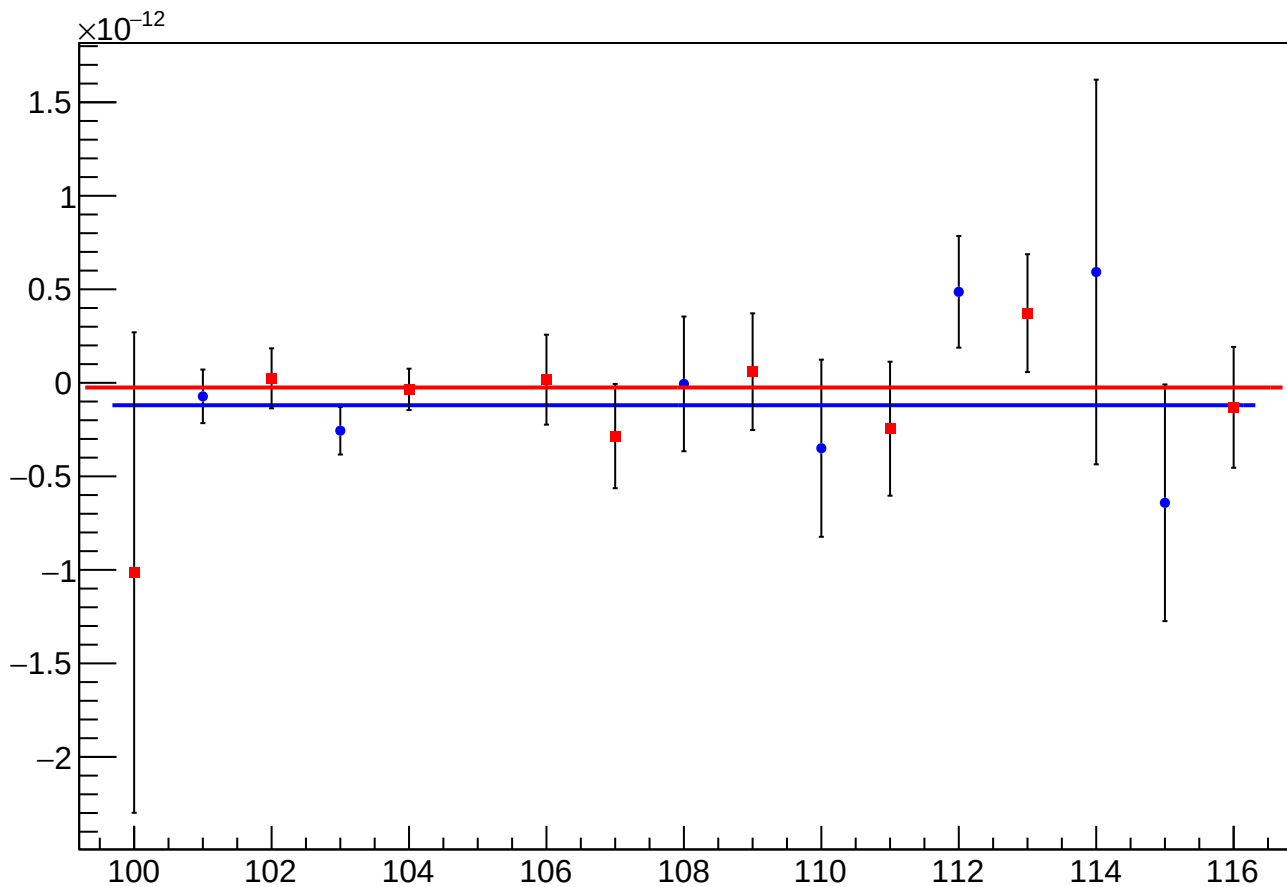
Right: 192.118+/-0.063 χ^2/NDF : 2211016.6/15

In: 204.153+/-0.097 χ^2/NDF : 871326.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.118+/-0.063 χ^2/NDF : 2211016.6/15

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

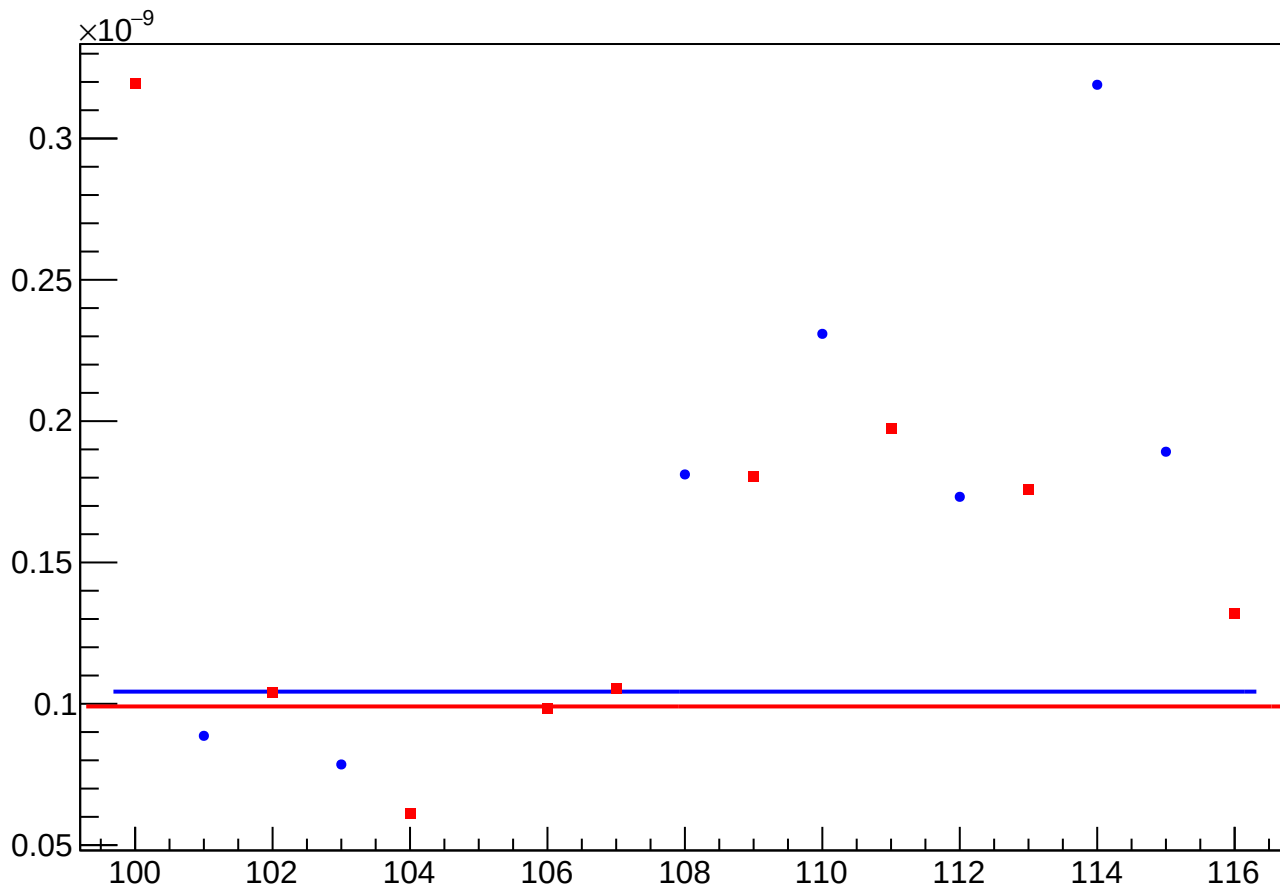
Right: -0.000+/-0.000 χ^2/NDF : 11.3/15

In: -0.000+/-0.000 χ^2/NDF : 6.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/15

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 569174.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 724262.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

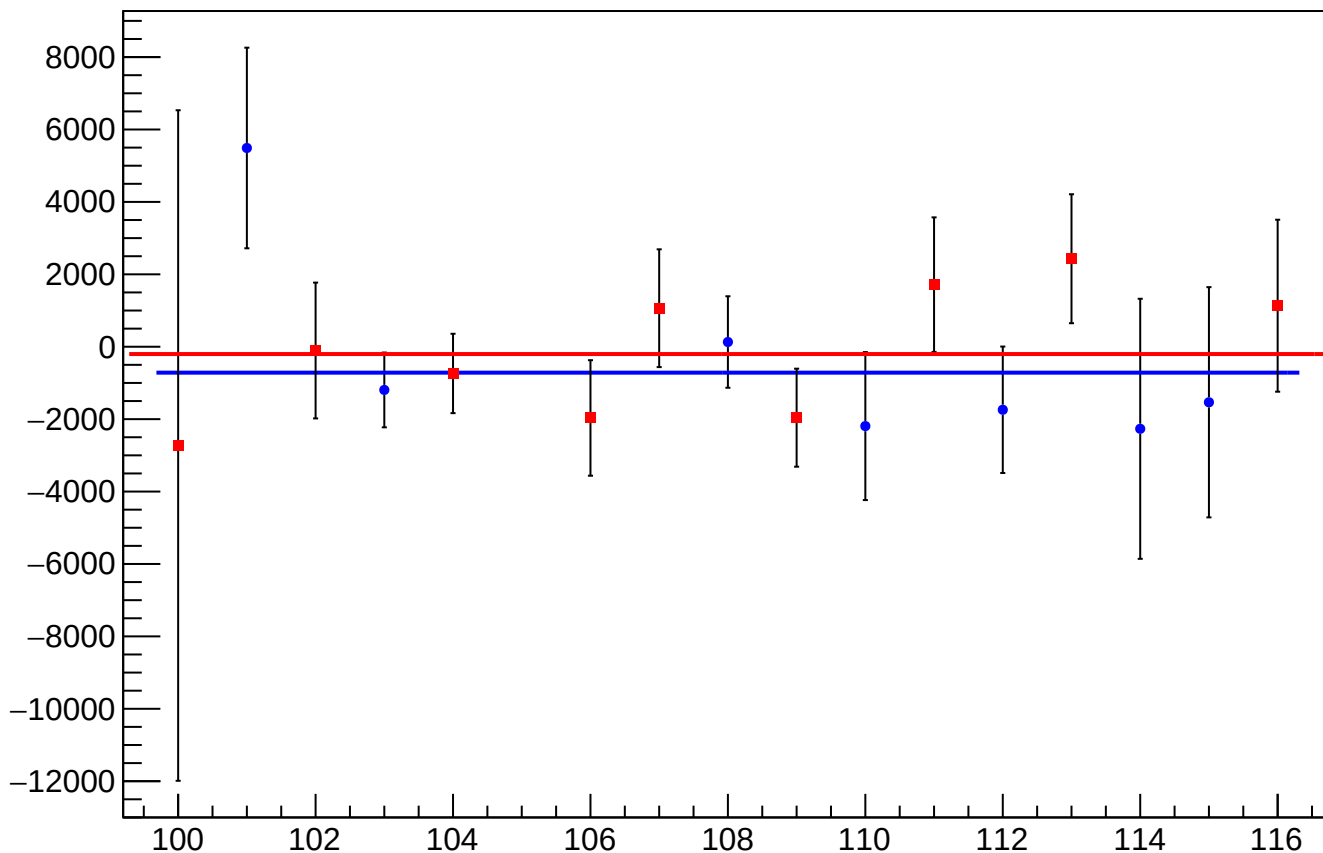
Right: 0.000+/-0.000 χ^2/NDF : 1297810.7/15

In: 0.000+/-0.000 χ^2/NDF : 569174.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1297810.7/15

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -715.864+/-640.459 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.959+/-556.684 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

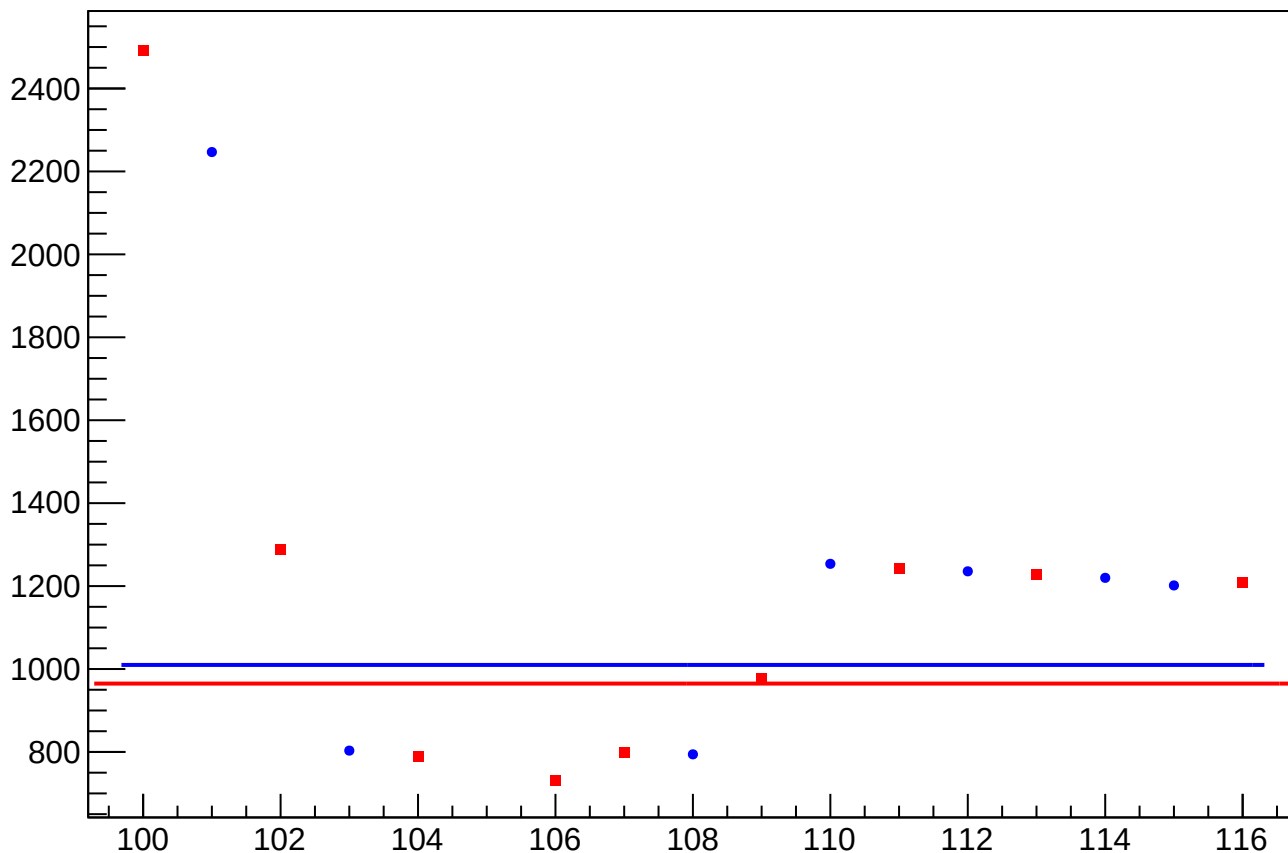
Right: -423.124+/-420.154 χ^2/NDF : 14.6/15

In: -715.864+/-640.459 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.124+/-420.154 χ^2/NDF : 14.6/15

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1009.867 $\pm$ 0.453 χ^2 /NDF: 612851.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 964.873 $\pm$ 0.388 χ^2 /NDF: 349163.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

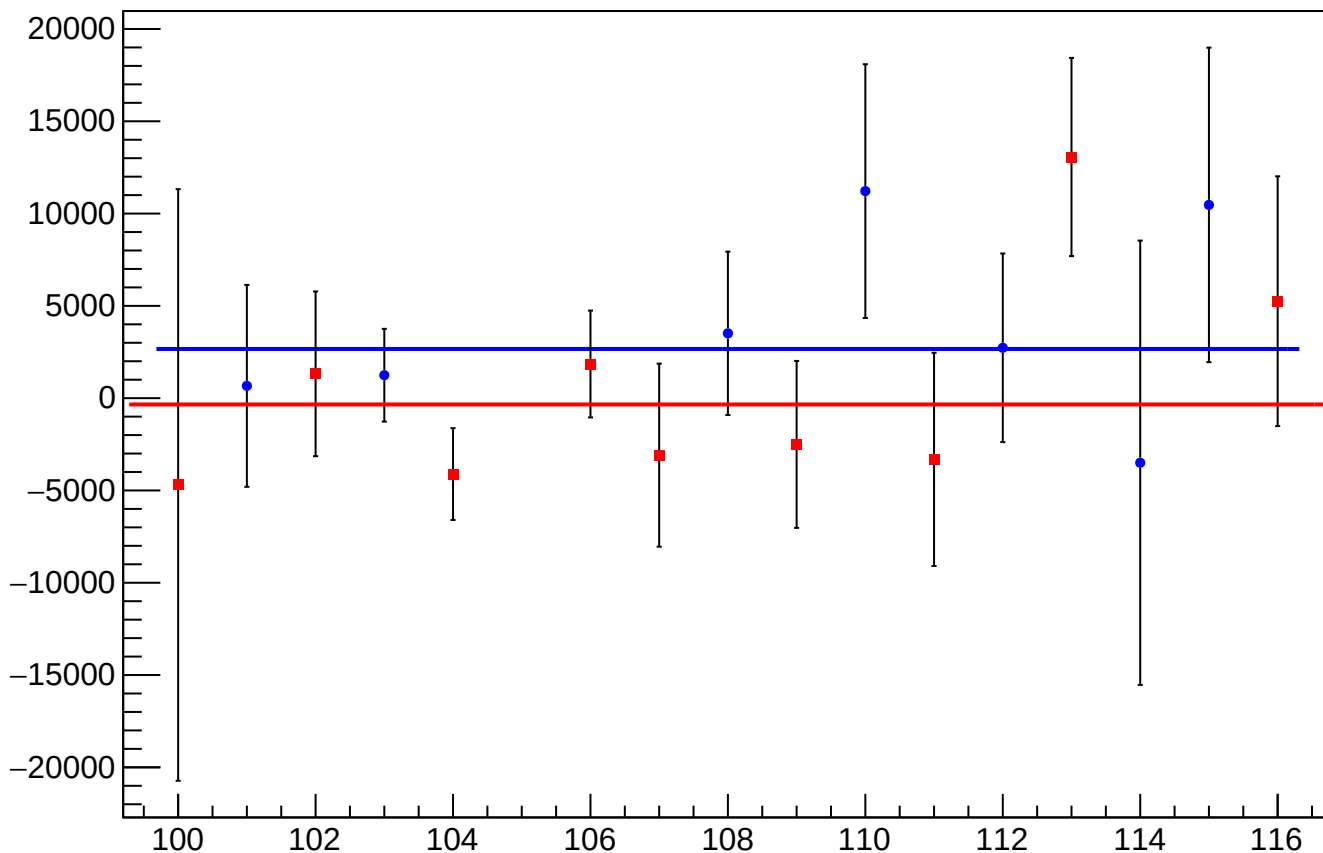
Right: 983.904 $\pm$ 0.295 χ^2 /NDF: 967710.1/15

In: 1009.867 $\pm$ 0.453 χ^2 /NDF:612851.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 983.904 $\pm$ 0.295 χ^2 /NDF: 967710.1/15

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2663.786 $\pm$ 1759.256 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -342.616 $\pm$ 1398.786 χ^2 /NDF: 10.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

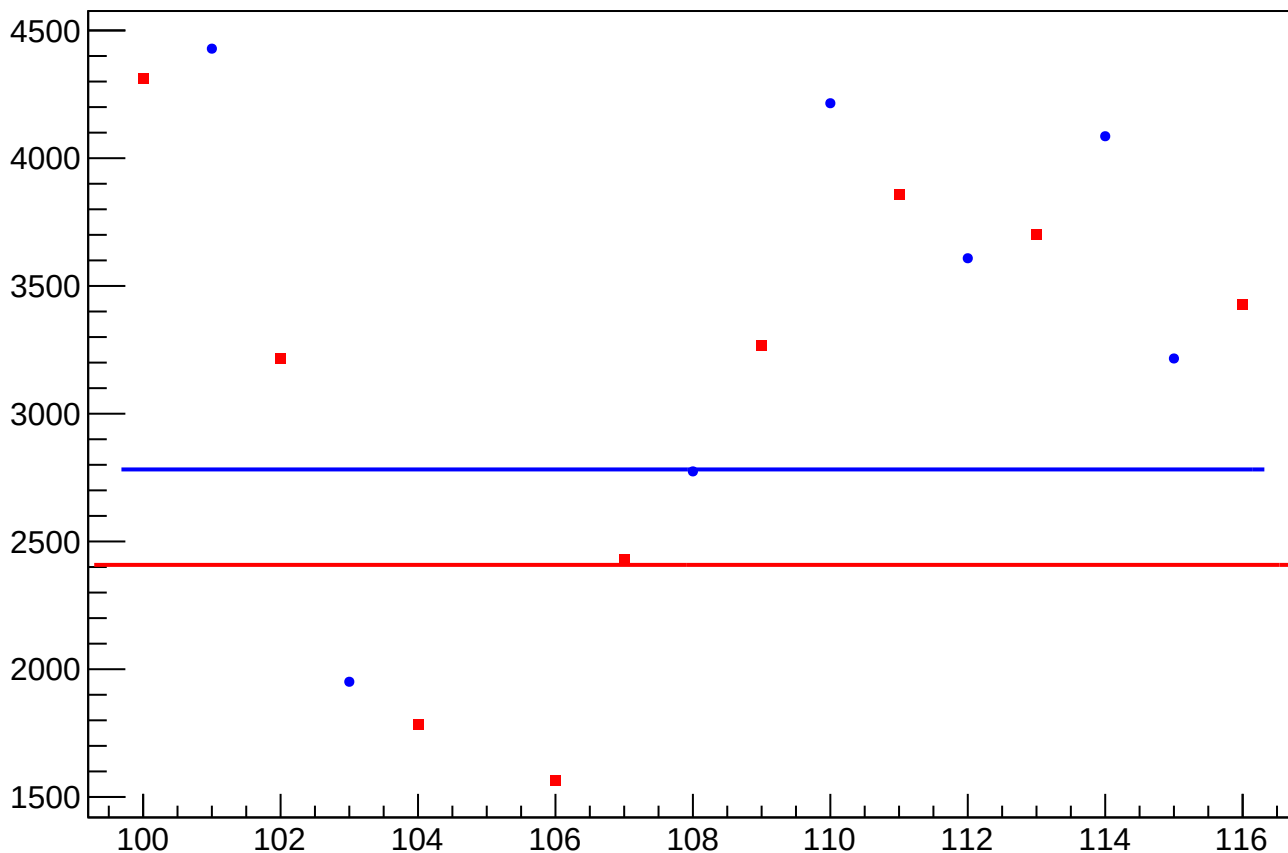
Right: 821.837 $\pm$ 1094.880 χ^2 /NDF: 15.7/15

In: 2663.786 $\pm$ 1759.256 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 821.837 $\pm$ 1094.880 χ^2 /NDF: 15.7/15

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2781.875+/-1.244 χ^2/NDF : 568110.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2408.315+/-0.989 χ^2/NDF : 749115.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

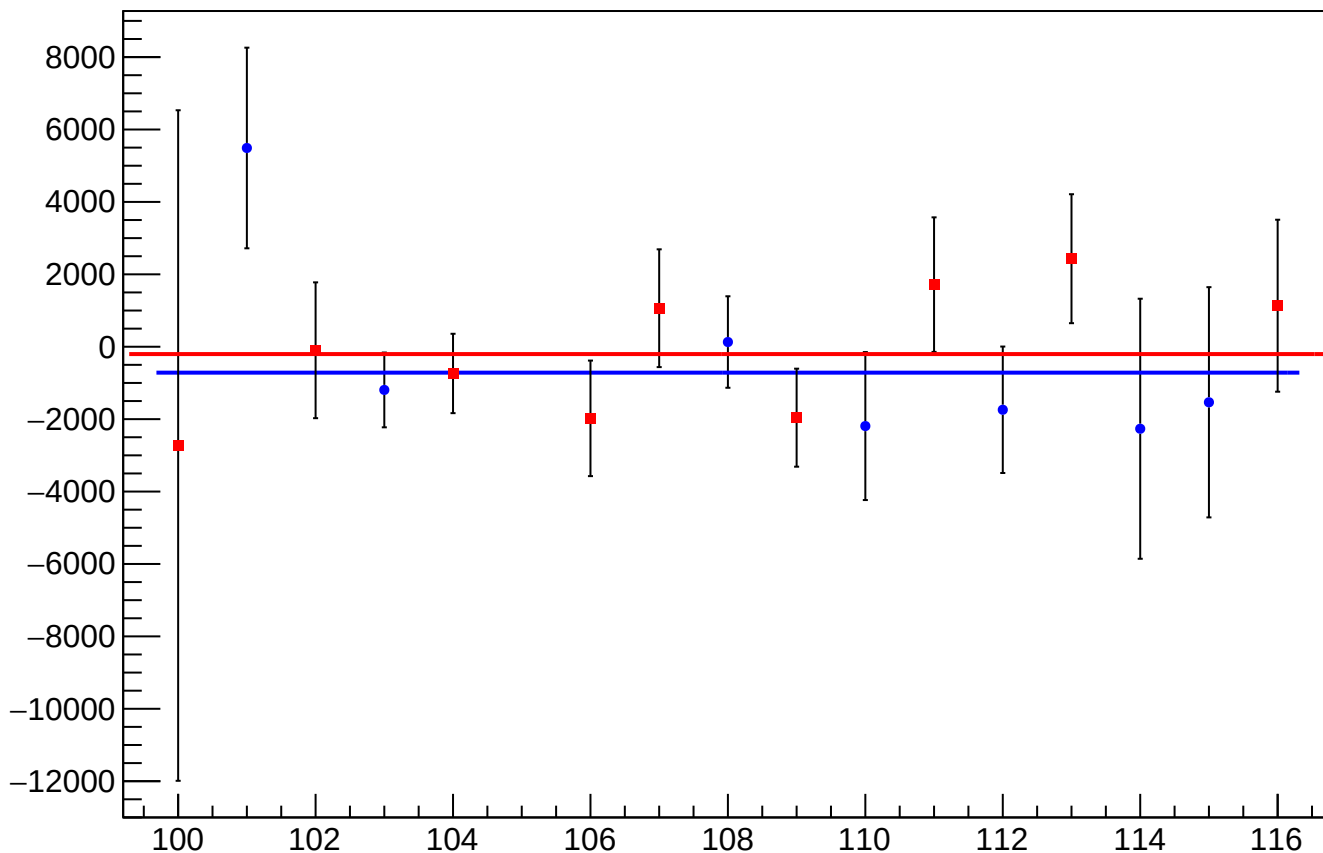
Right: 2553.004+/-0.774 χ^2/NDF : 1372475.4/15

In: 2781.875+/-1.244 χ^2/NDF : 568110.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2553.004+/-0.774 χ^2/NDF : 1372475.4/15

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -715.687+/-640.459 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.505+/-556.694 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

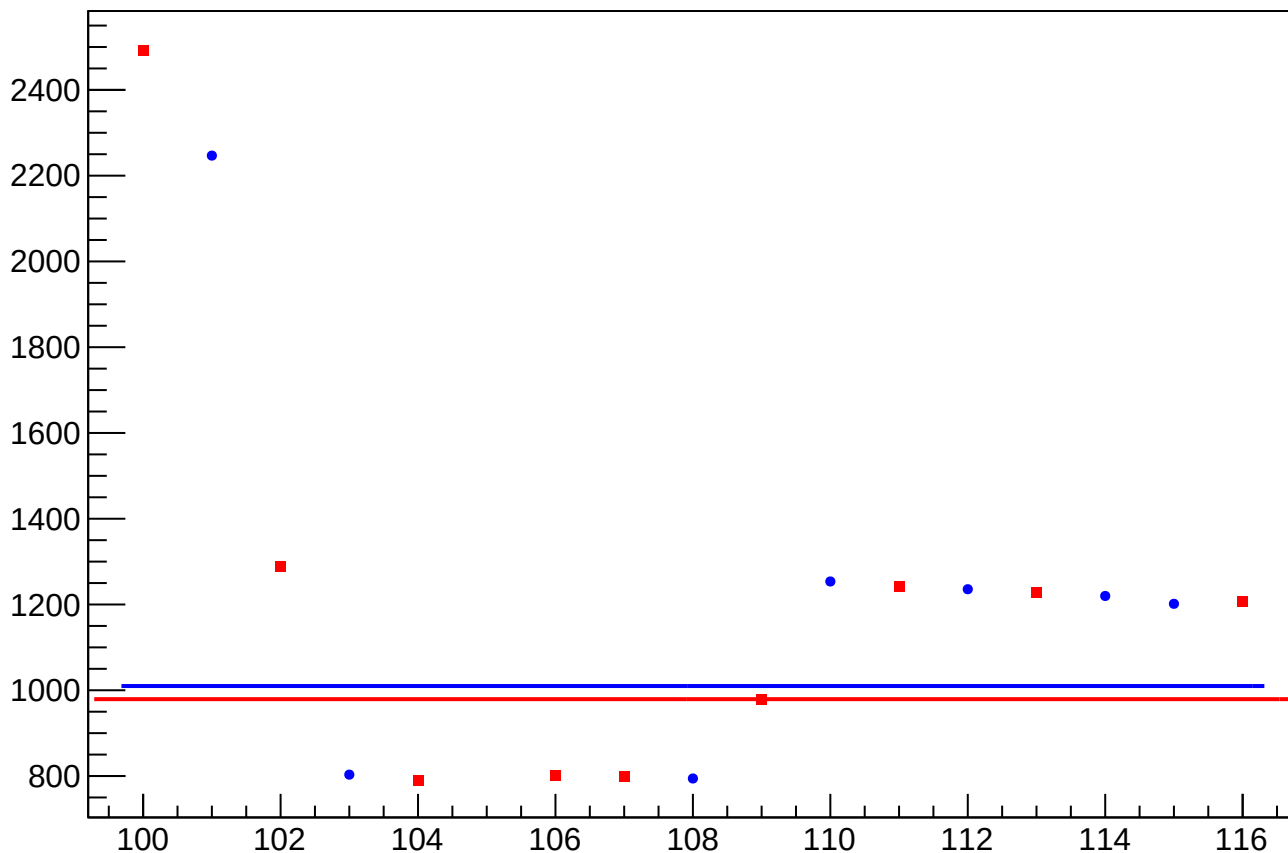
Right: -423.363+/-420.158 χ^2/NDF : 14.6/15

In: -715.687+/-640.459 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.363+/-420.158 χ^2/NDF : 14.6/15

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1009.868+/-0.453 χ^2/NDF : 612849.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 979.232+/-0.392 χ^2/NDF : 316568.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

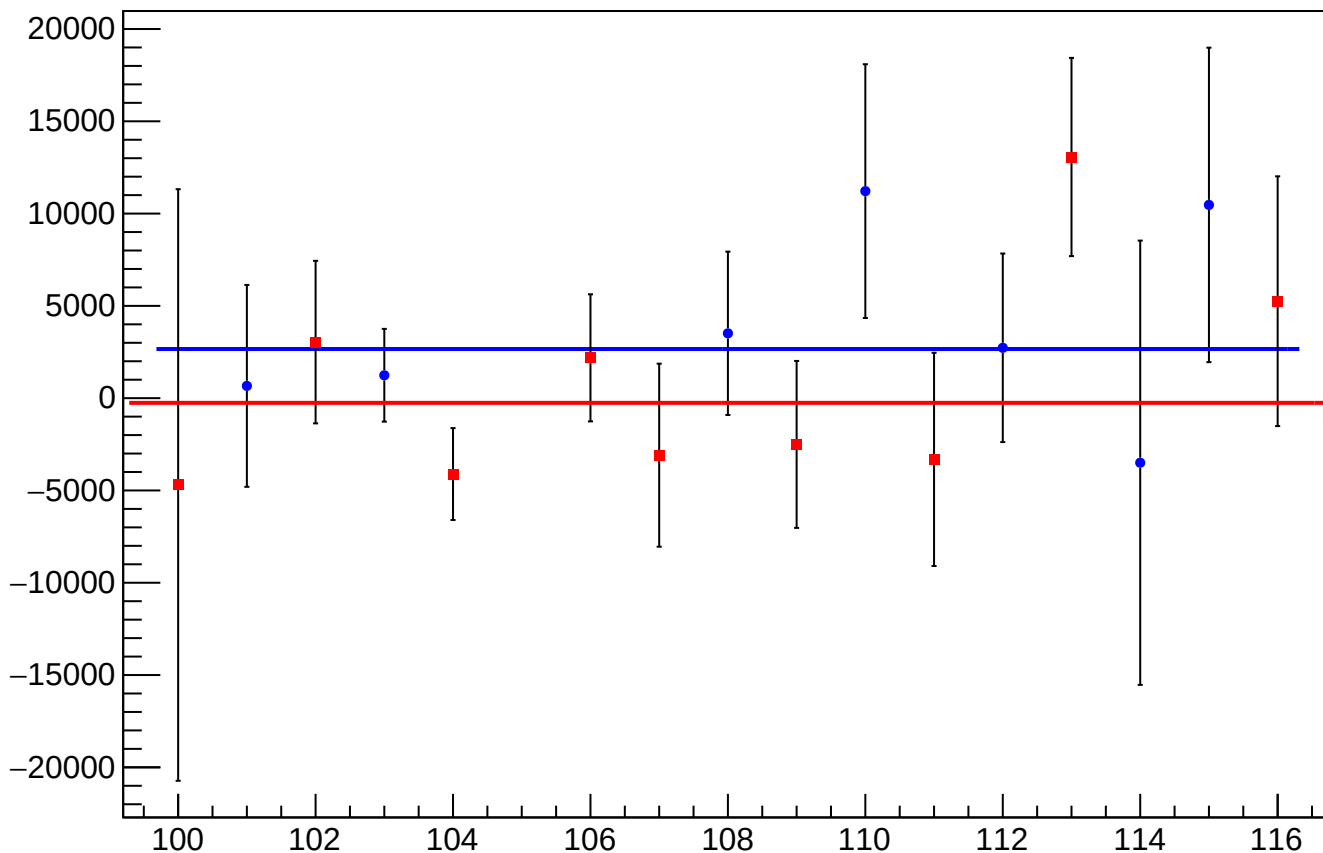
Right: 992.364+/-0.296 χ^2/NDF : 932032.5/15

In: 1009.868+/-0.453 χ^2/NDF : 612849.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.364+/-0.296 χ^2/NDF : 932032.5/15

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2663.031+/-1759.403 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.445+/-1447.212 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

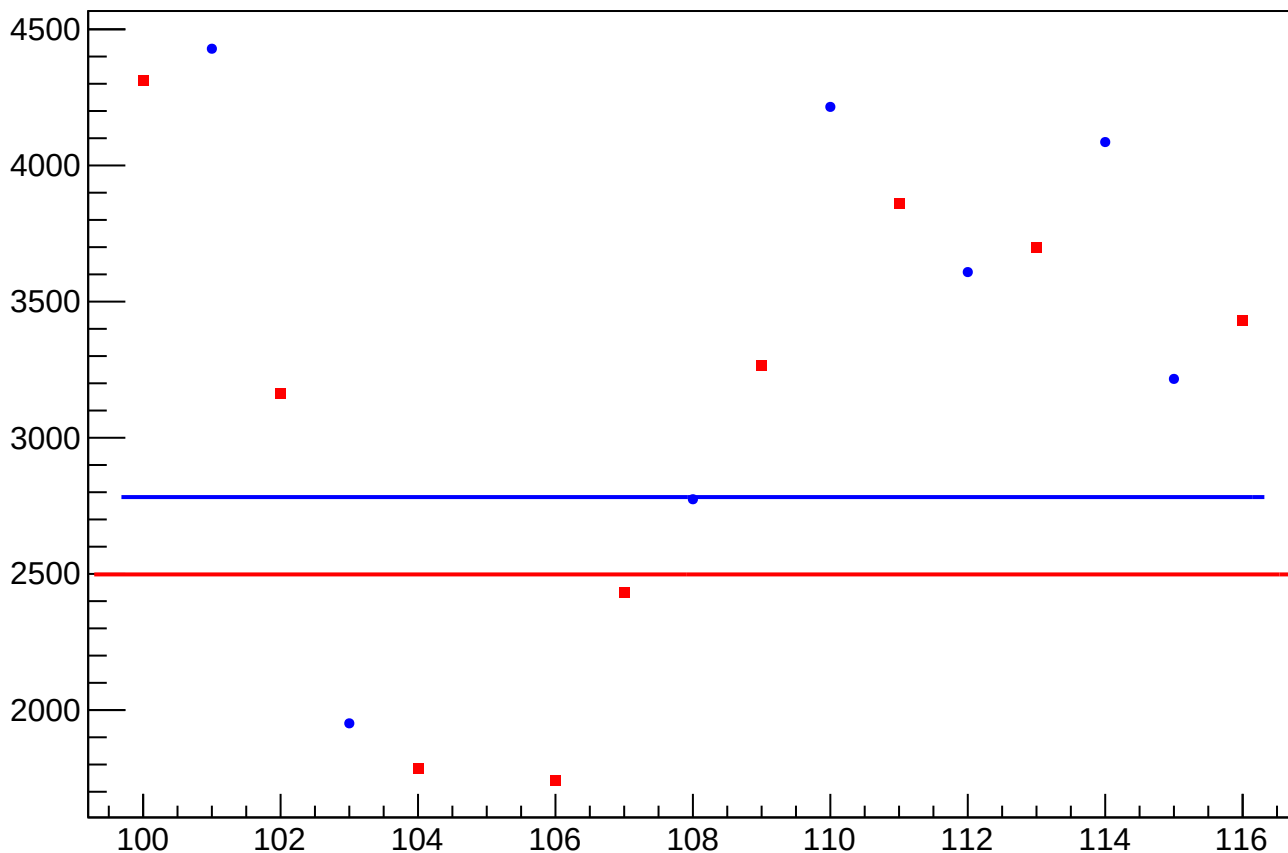
Right: 923.516+/-1117.679 χ^2/NDF : 16.0/15

In: 2663.031+/-1759.403 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.516+/-1117.679 χ^2/NDF : 16.0/15

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2782.188+/-1.244 χ^2/NDF : 567847.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2498.123+/-1.023 χ^2/NDF : 639934.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

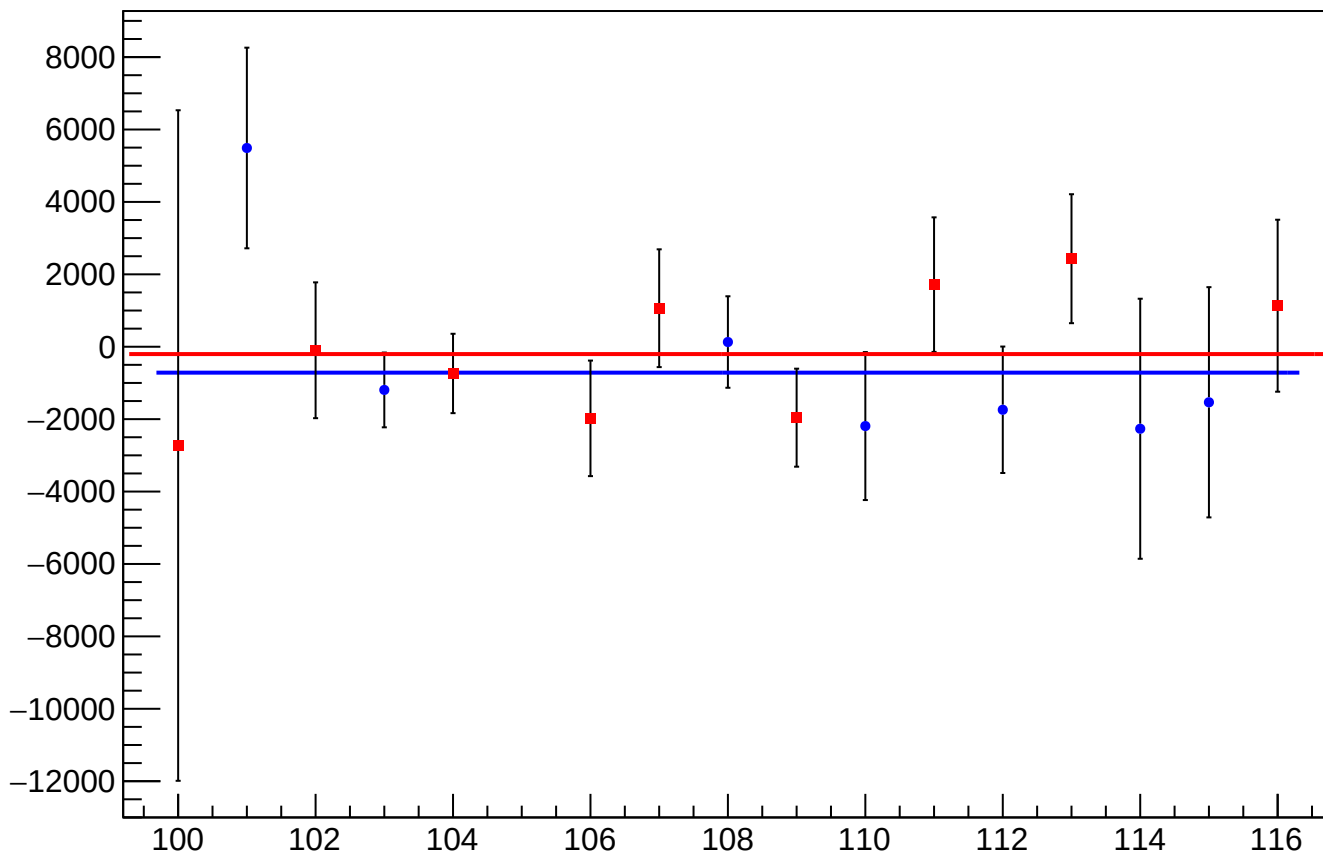
Right: 2612.759+/-0.790 χ^2/NDF : 1238877.4/15

In: 2782.188+/-1.244 χ^2/NDF : 567847.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2612.759+/-0.790 χ^2/NDF : 1238877.4/15

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -715.687+/-640.459 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.505+/-556.694 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

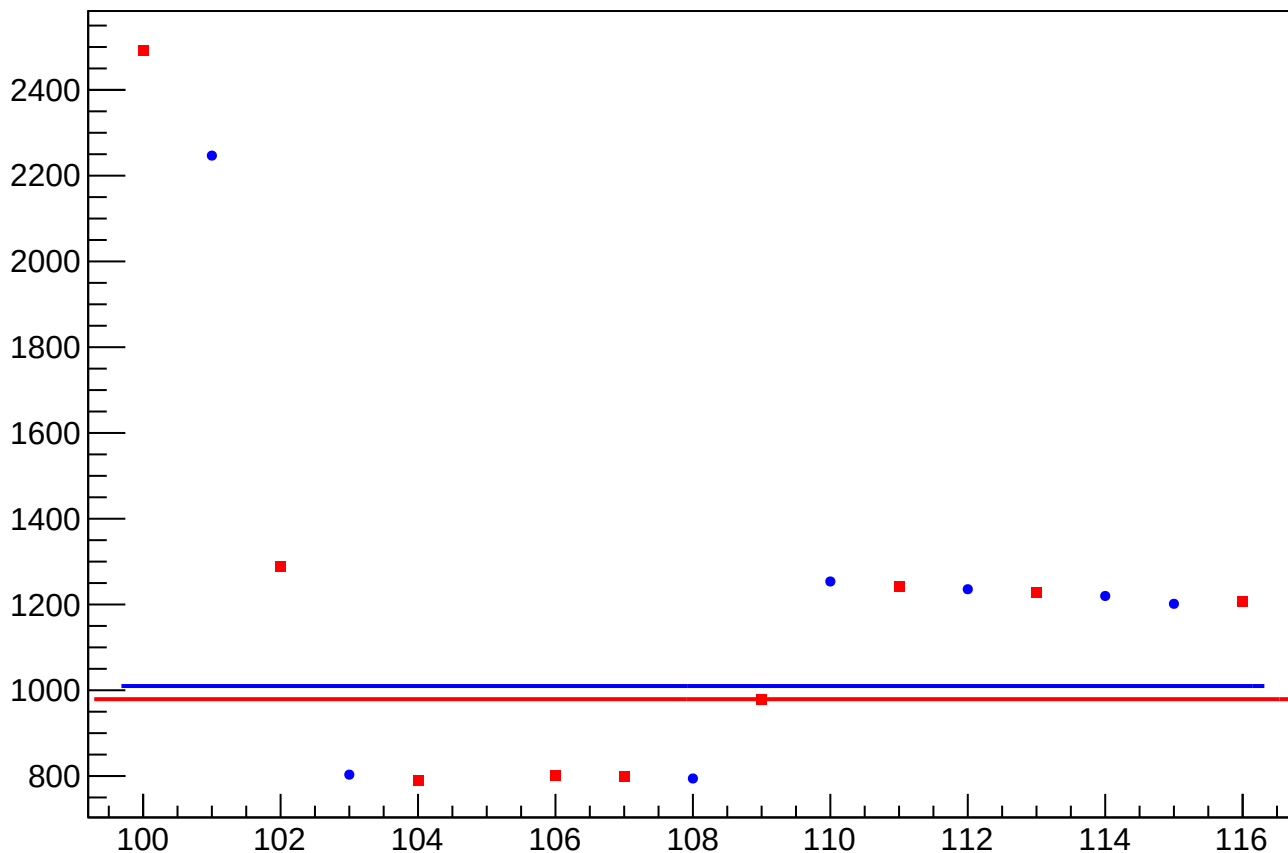
Right: -423.363+/-420.158 χ^2/NDF : 14.6/15

In: -715.687+/-640.459 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.363+/-420.158 χ^2/NDF : 14.6/15

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1009.868+/-0.453 χ^2/NDF : 612849.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 979.232+/-0.392 χ^2/NDF : 316568.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

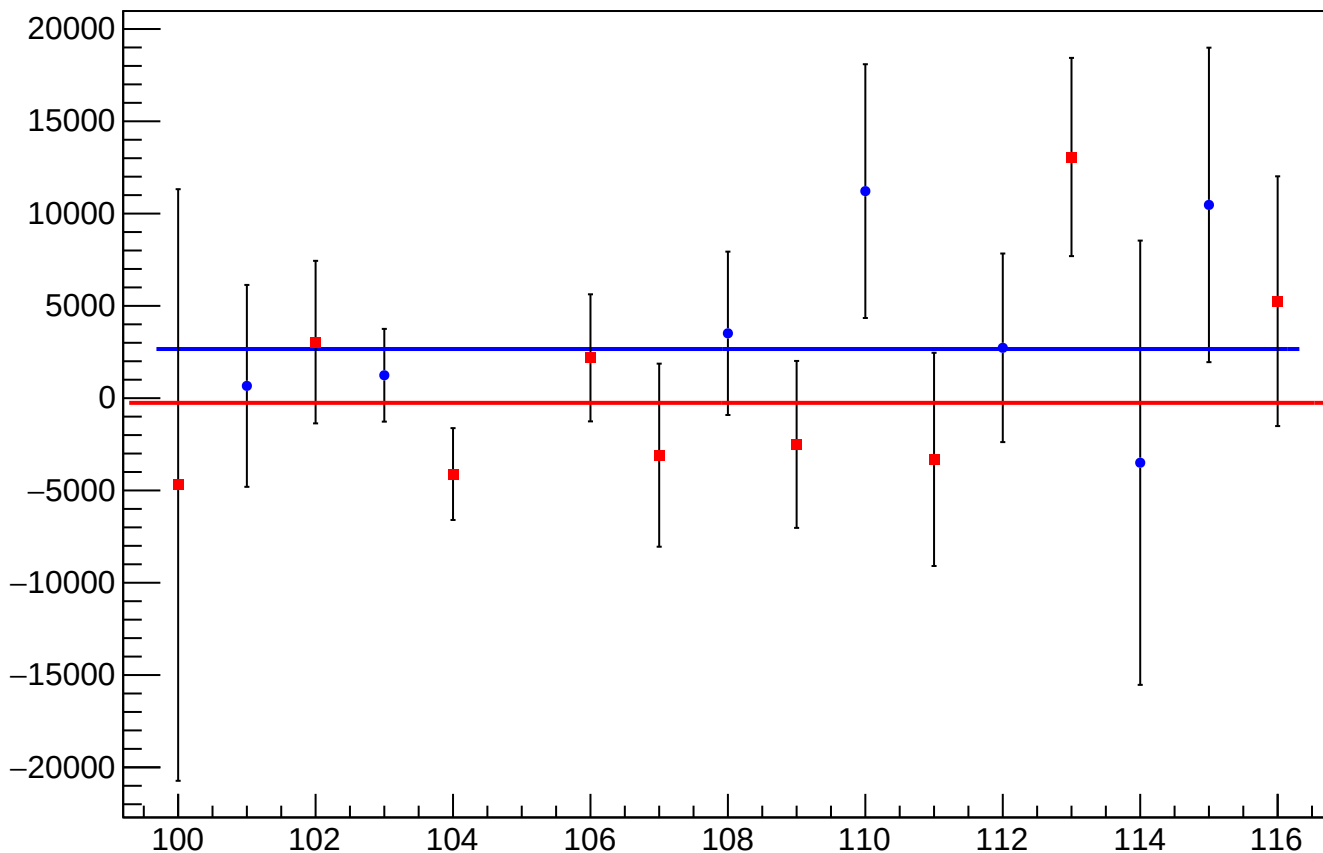
Right: 992.364+/-0.296 χ^2/NDF : 932032.5/15

In: 1009.868+/-0.453 χ^2/NDF :612849.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 992.364+/-0.296 χ^2/NDF : 932032.5/15

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2663.031+/-1759.403 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.445+/-1447.212 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

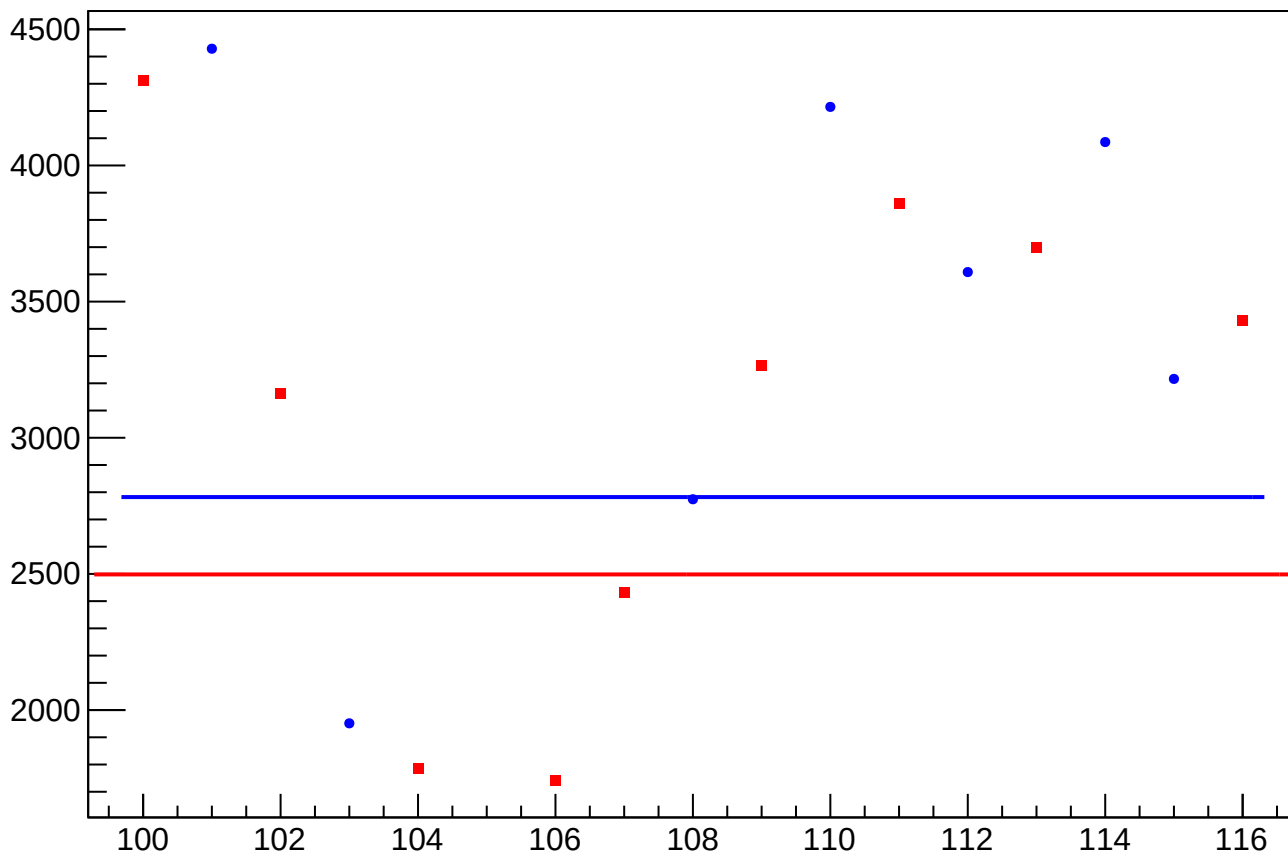
Right: 923.516+/-1117.679 χ^2/NDF : 16.0/15

In: 2663.031+/-1759.403 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.516+/-1117.679 χ^2/NDF : 16.0/15

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2782.188+/-1.244 χ^2/NDF : 567847.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2498.123+/-1.023 χ^2/NDF : 639934.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

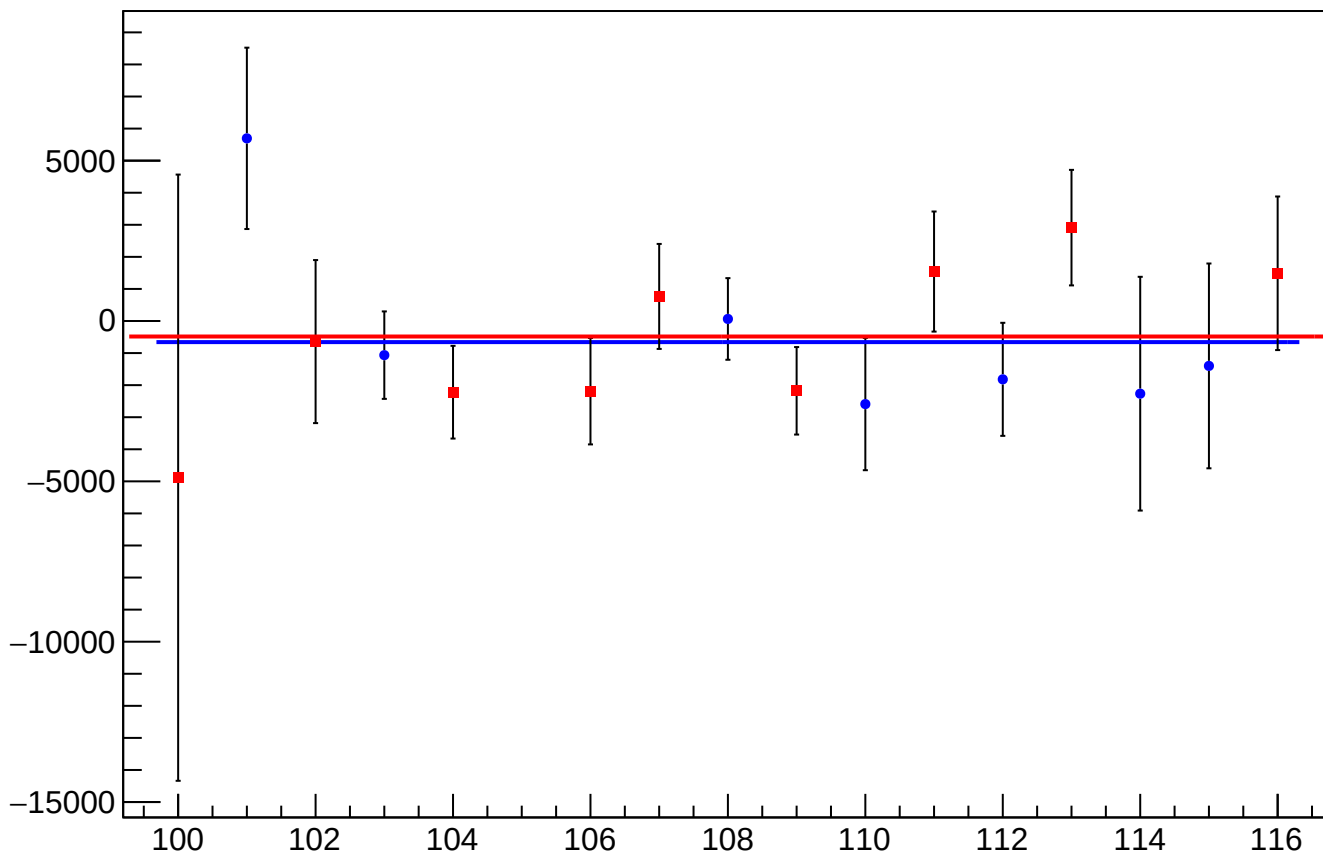
Right: 2612.759+/-0.790 χ^2/NDF : 1238877.4/15

In: 2782.188+/-1.244 χ^2/NDF : 567847.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2612.759+/-0.790 χ^2/NDF : 1238877.4/15

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -658.106+/-705.217 χ^2 /NDF: 7.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -483.501+/-610.167 χ^2 /NDF: 10.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

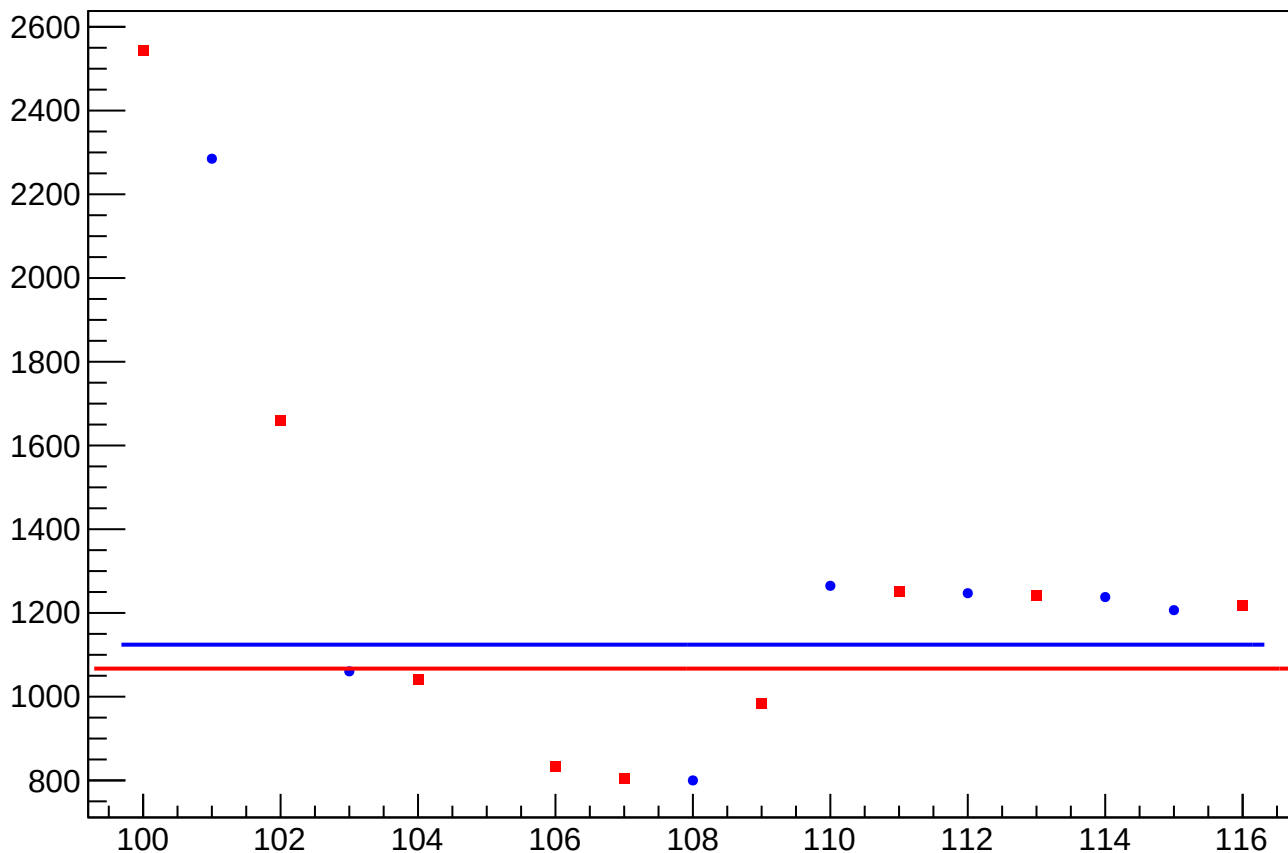
Right: -558.252+/-461.427 χ^2 /NDF: 17.3/15

In: -658.106+/-705.217 χ^2 /NDF:7.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -558.252+/-461.427 χ^2 /NDF: 17.3/15

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1124.243+/-0.499 χ^2/NDF : 493570.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.076+/-0.431 χ^2/NDF : 303428.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

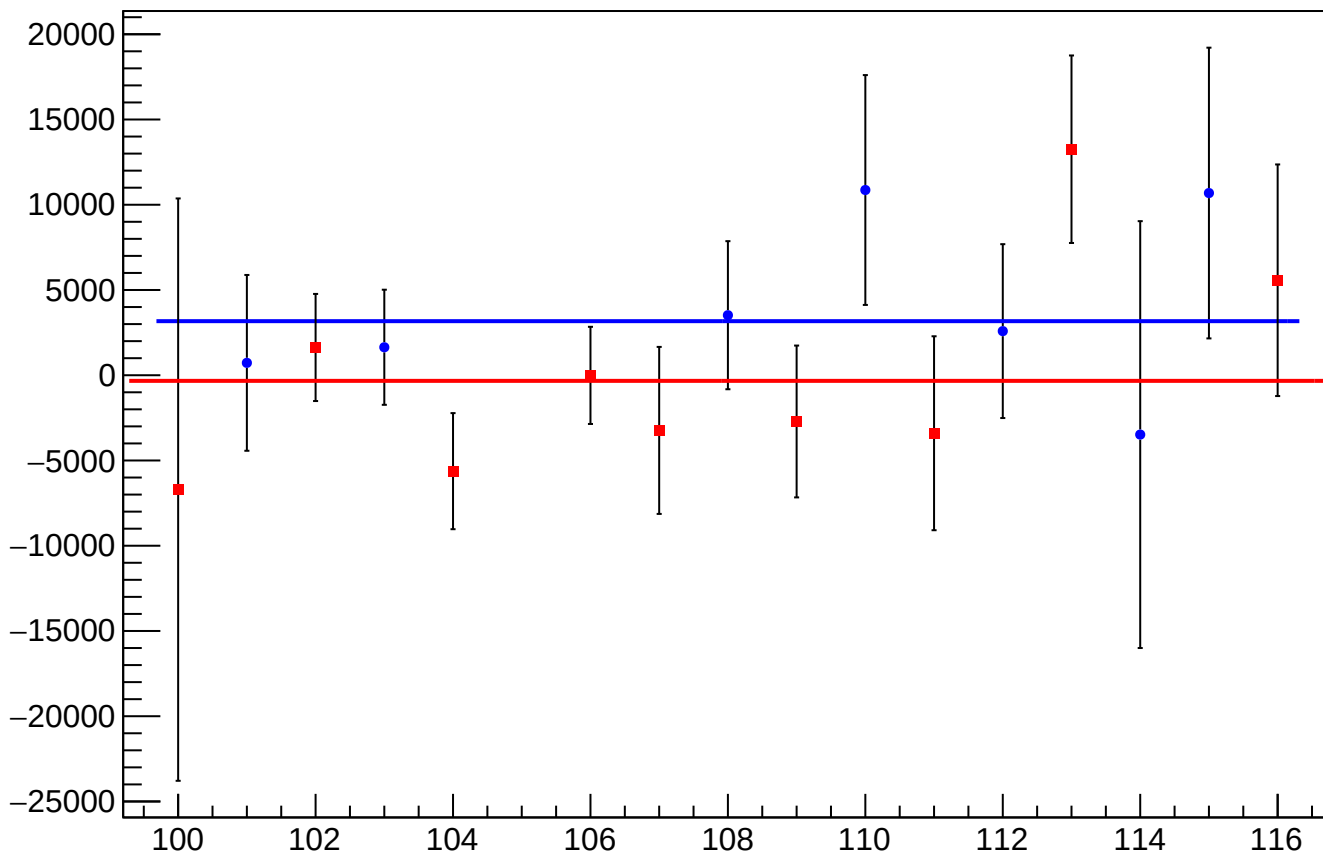
Right: 1091.525+/-0.326 χ^2/NDF : 804520.4/15

In: 1124.243+/-0.499 χ^2/NDF : 493570.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.525+/-0.326 χ^2/NDF : 804520.4/15

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3171.668+/-1964.989 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -329.814+/-1425.658 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

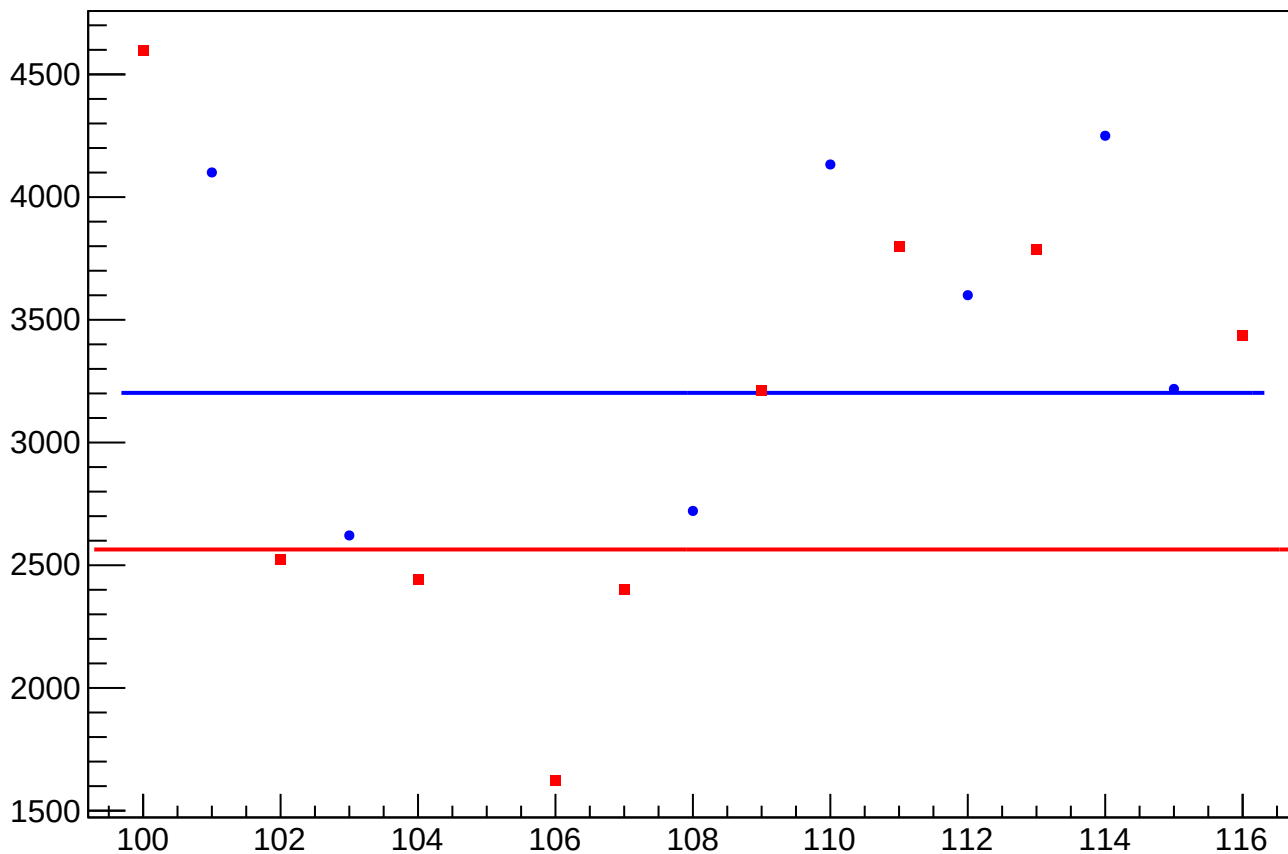
Right: 877.711+/-1153.937 χ^2/NDF : 15.6/15

In: 3171.668+/-1964.989 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.711+/-1153.937 χ^2/NDF : 15.6/15

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3202.317+/-1.389 χ^2/NDF : 208775.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2564.293+/-1.008 χ^2/NDF : 520200.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

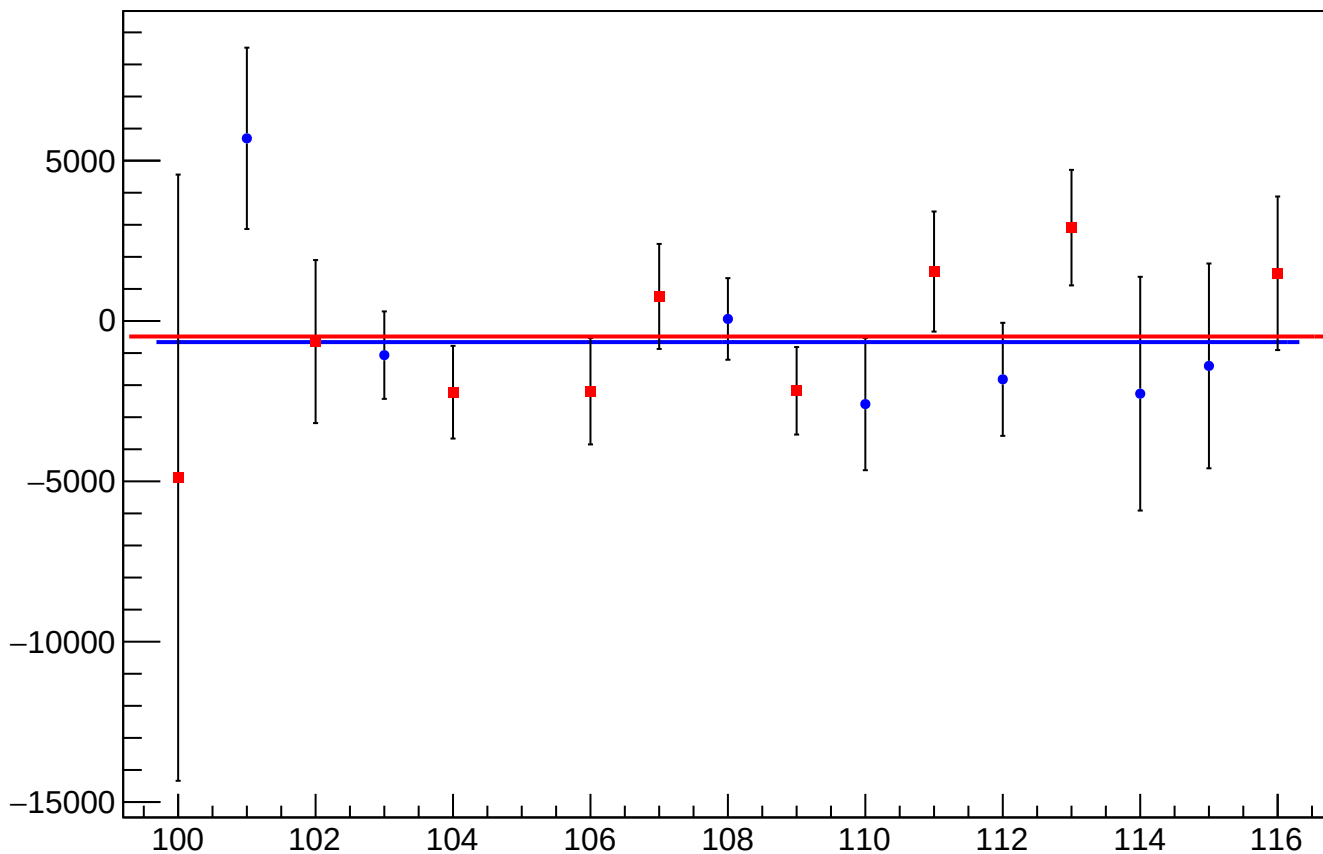
Right: 2784.323+/-0.816 χ^2/NDF : 867115.4/15

In: 3202.317+/-1.389 χ^2/NDF : 208775.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.323+/-0.816 χ^2/NDF : 867115.4/15

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -658.105+/-705.217 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -483.504+/-610.168 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

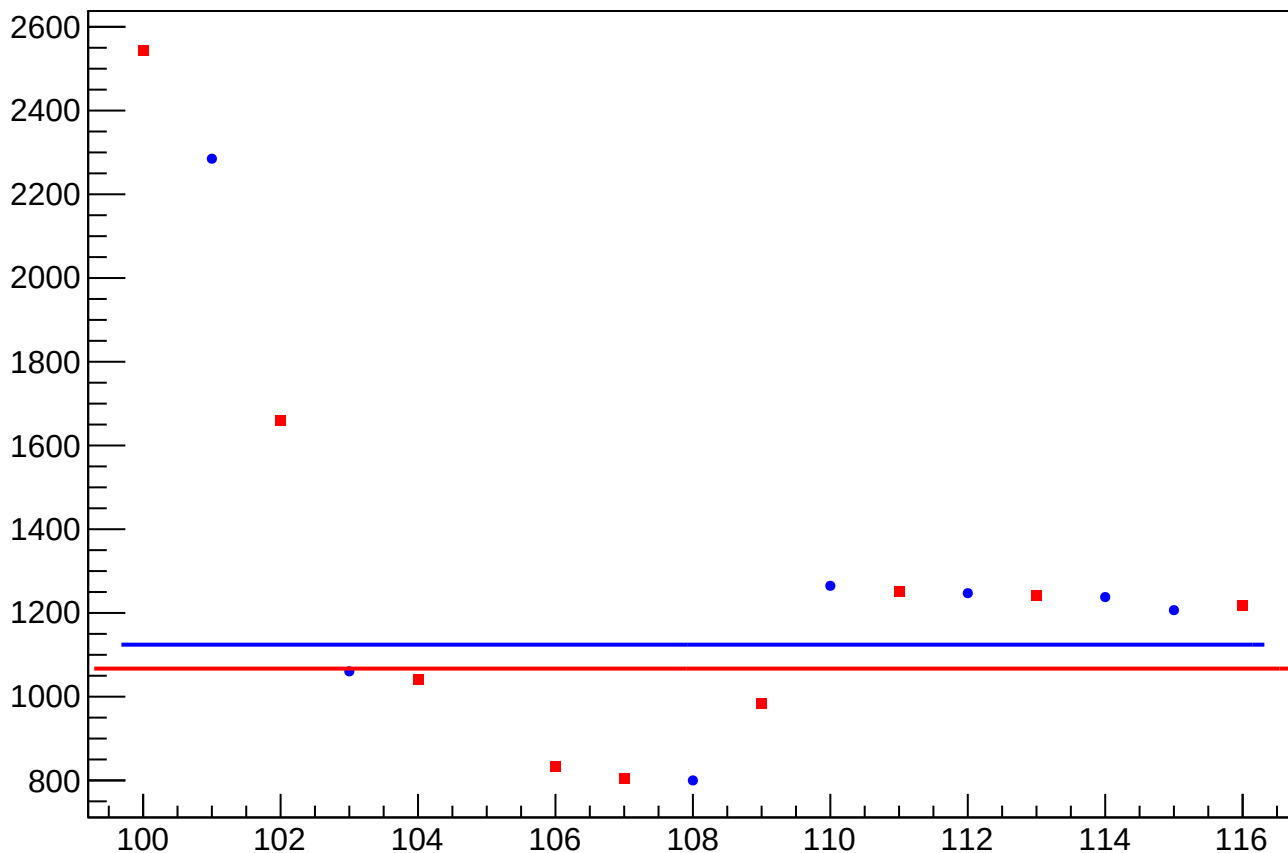
Right: -558.254+/-461.427 χ^2/NDF : 17.3/15

In: -658.105+/-705.217 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -558.254+/-461.427 χ^2/NDF : 17.3/15

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1124.243+/-0.499 χ^2/NDF : 493571.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.076+/-0.431 χ^2/NDF : 303428.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

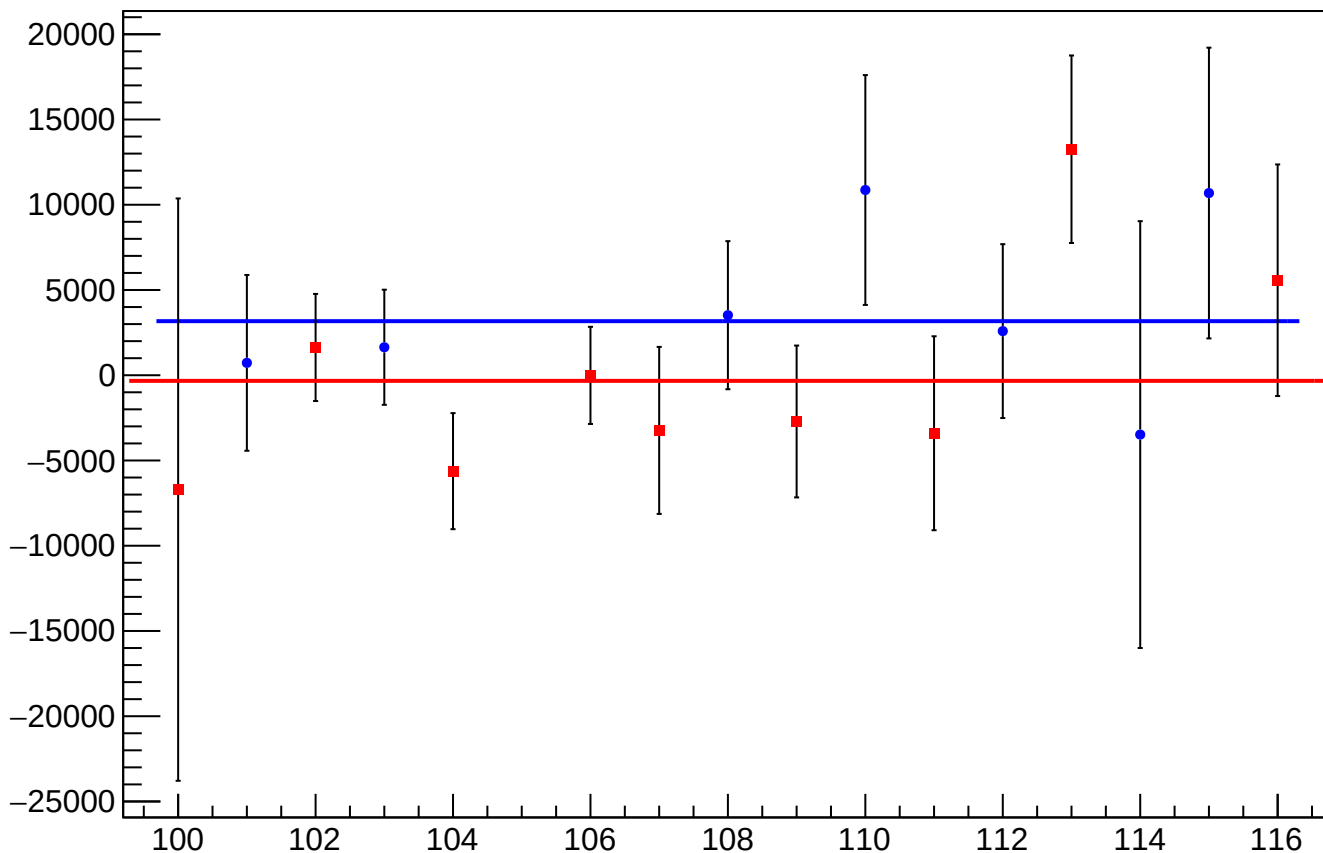
Right: 1091.525+/-0.326 χ^2/NDF : 804520.6/15

In: 1124.243+/-0.499 χ^2/NDF : 493571.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.525+/-0.326 χ^2/NDF : 804520.6/15

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3171.671+/-1964.989 χ^2 /NDF: 2.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -329.824+/-1425.656 χ^2 /NDF: 10.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

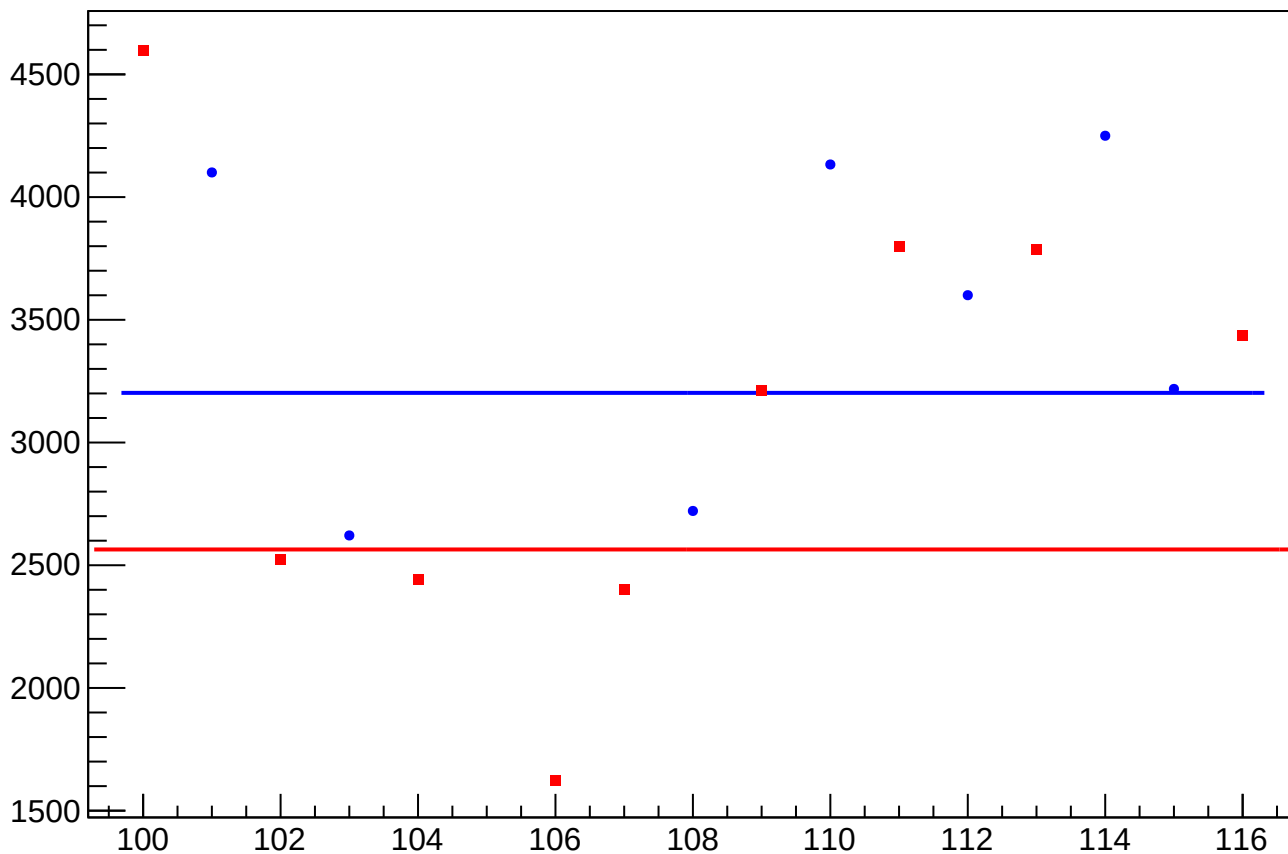
Right: 877.703+/-1153.936 χ^2 /NDF: 15.6/15

In: 3171.671+/-1964.989 χ^2 /NDF:2.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 877.703+/-1153.936 χ^2 /NDF: 15.6/15

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3202.319+/-1.389 χ^2/NDF : 208773.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2564.289+/-1.008 χ^2/NDF : 520203.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

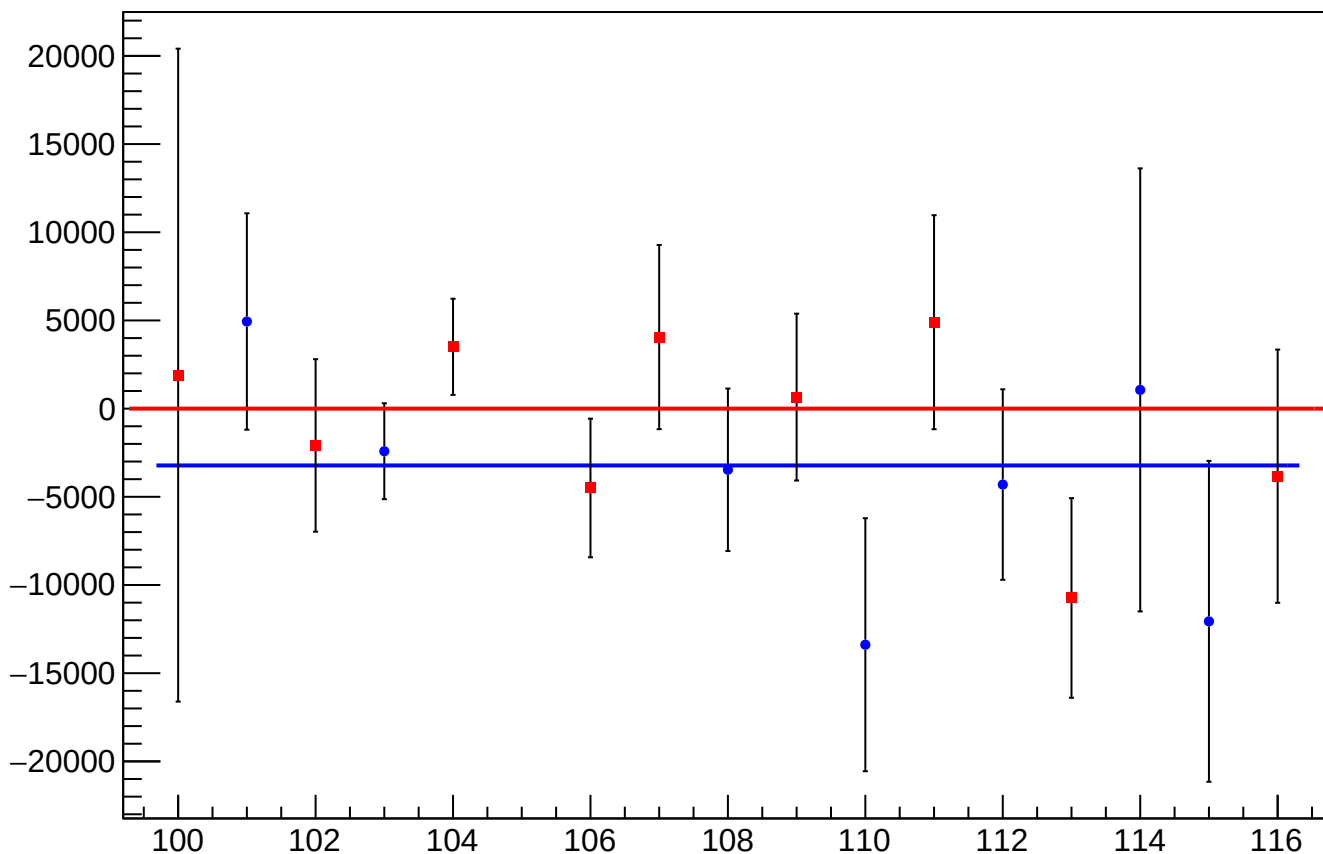
Right: 2784.320+/-0.816 χ^2/NDF : 867118.3/15

In: 3202.319+/-1.389 χ^2/NDF : 208773.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.320+/-0.816 χ^2/NDF : 867118.3/15

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -3221.286+/-1885.864 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.759+/-1574.897 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

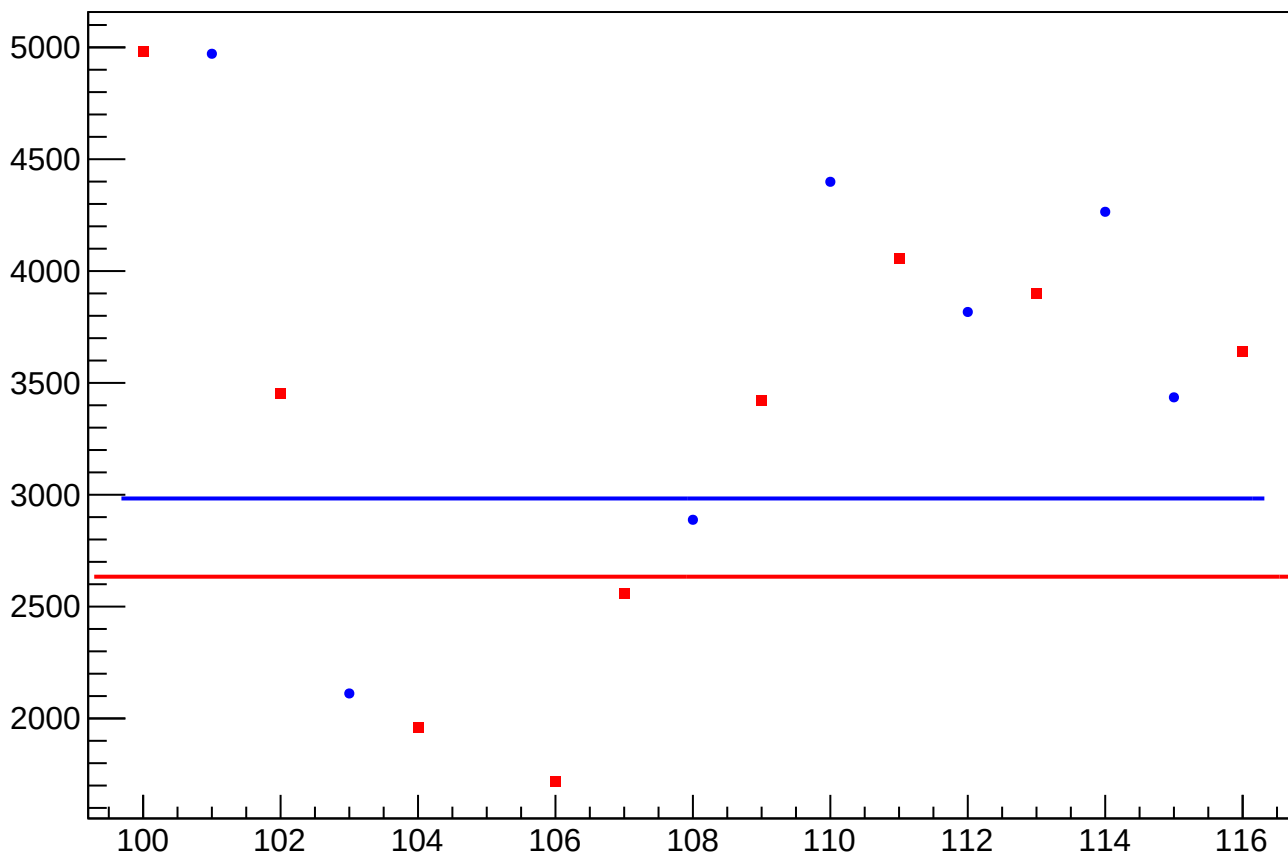
Right: -1323.065+/-1208.815 χ^2/NDF : 15.0/15

In: -3221.286+/-1885.864 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1323.065+/-1208.815 χ^2/NDF : 15.0/15

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2983.350+/-1.334 χ^2/NDF : 567730.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2633.717+/-1.083 χ^2/NDF : 663017.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

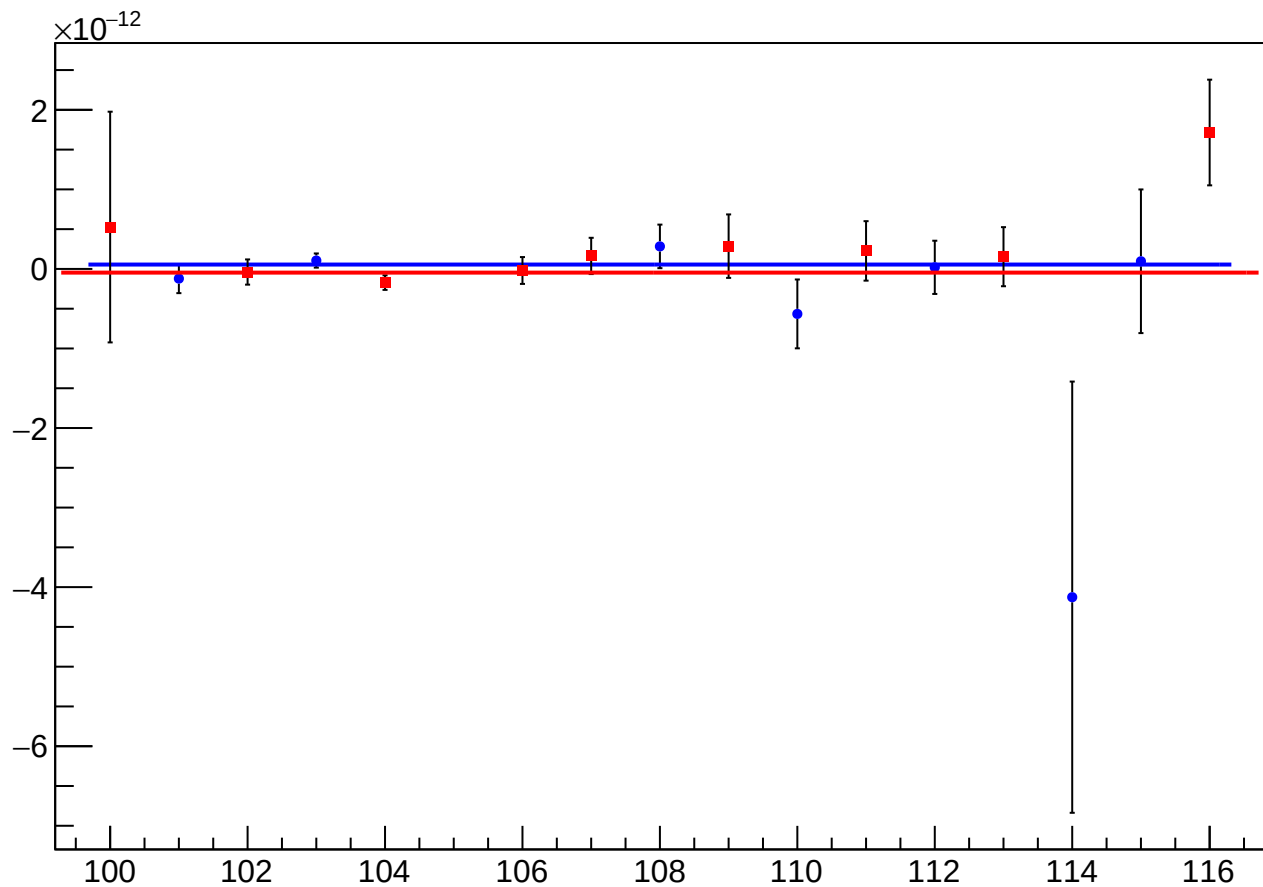
Right: 2772.713+/-0.841 χ^2/NDF : 1272163.0/15

In: 2983.350+/-1.334 χ^2/NDF :567730.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2772.713+/-0.841 χ^2/NDF : 1272163.0/15

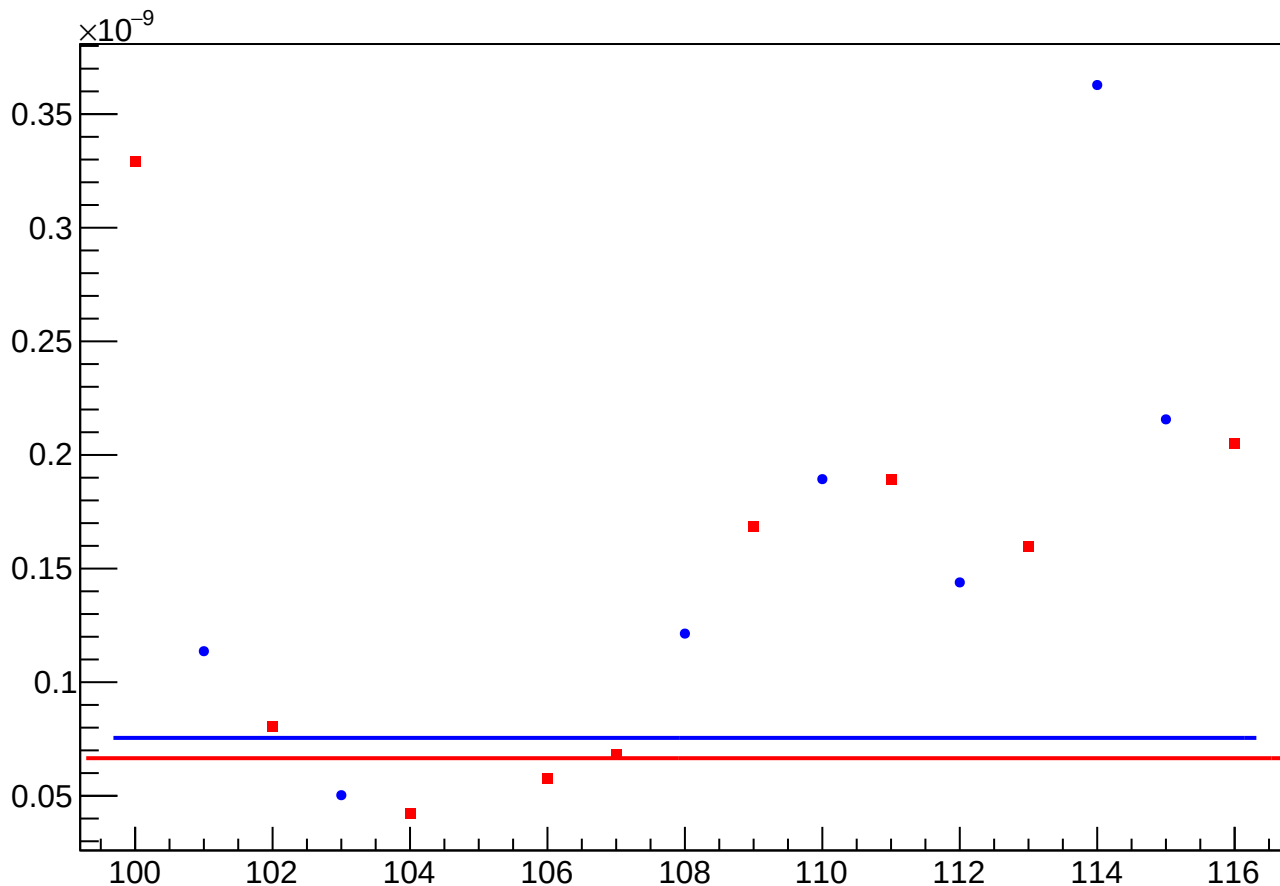
asym_usr_atr2_dd_reg_vs_slug_sign_corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 6.4/6
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 11.5/8
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 18.9/15
 In: 0.000+/-0.000 χ^2 /NDF:6.4/6
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 18.9/15

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 596445.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 787473.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

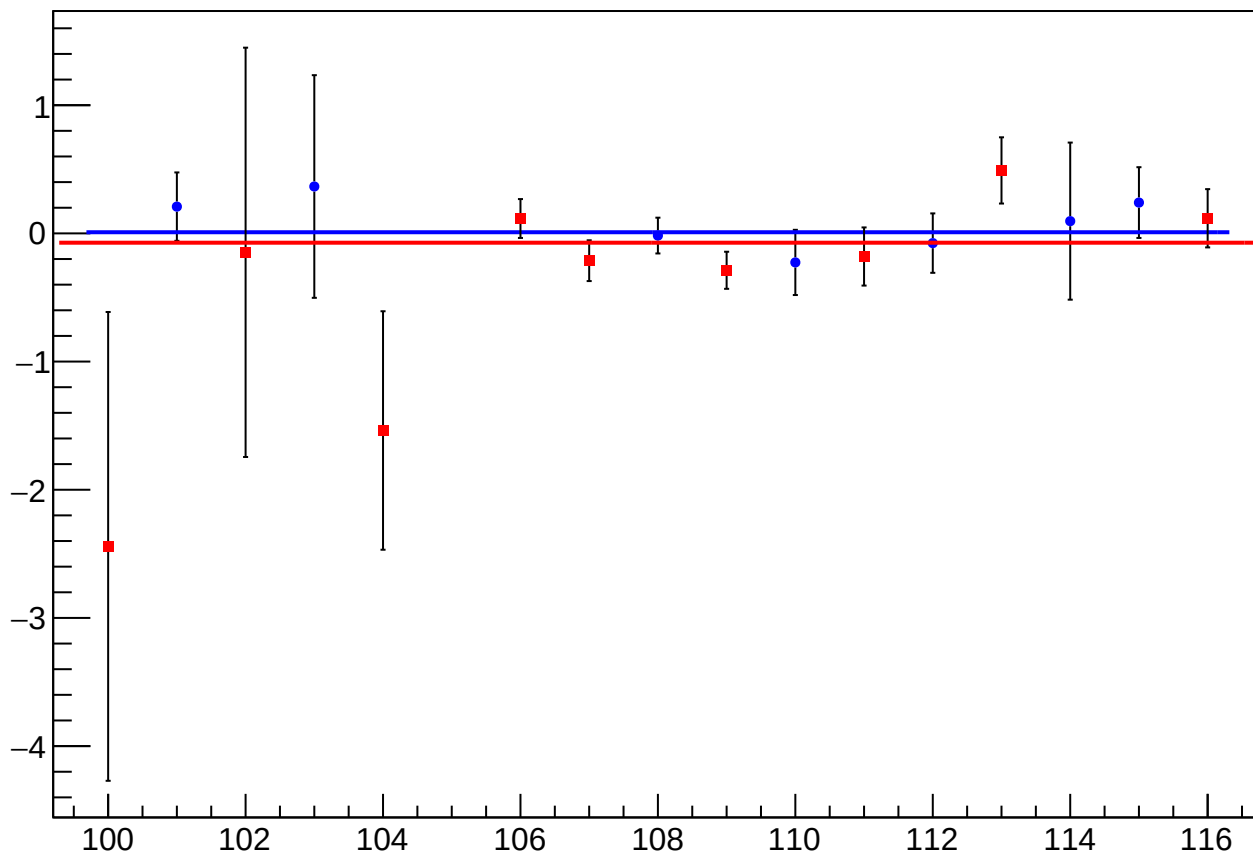
Right: 0.000+/-0.000 χ^2/NDF : 1400497.0/15

In: 0.000+/-0.000 χ^2/NDF : 596445.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1400497.0/15

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.093 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.073 $\pm$ 0.073 χ^2 /NDF: 14.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

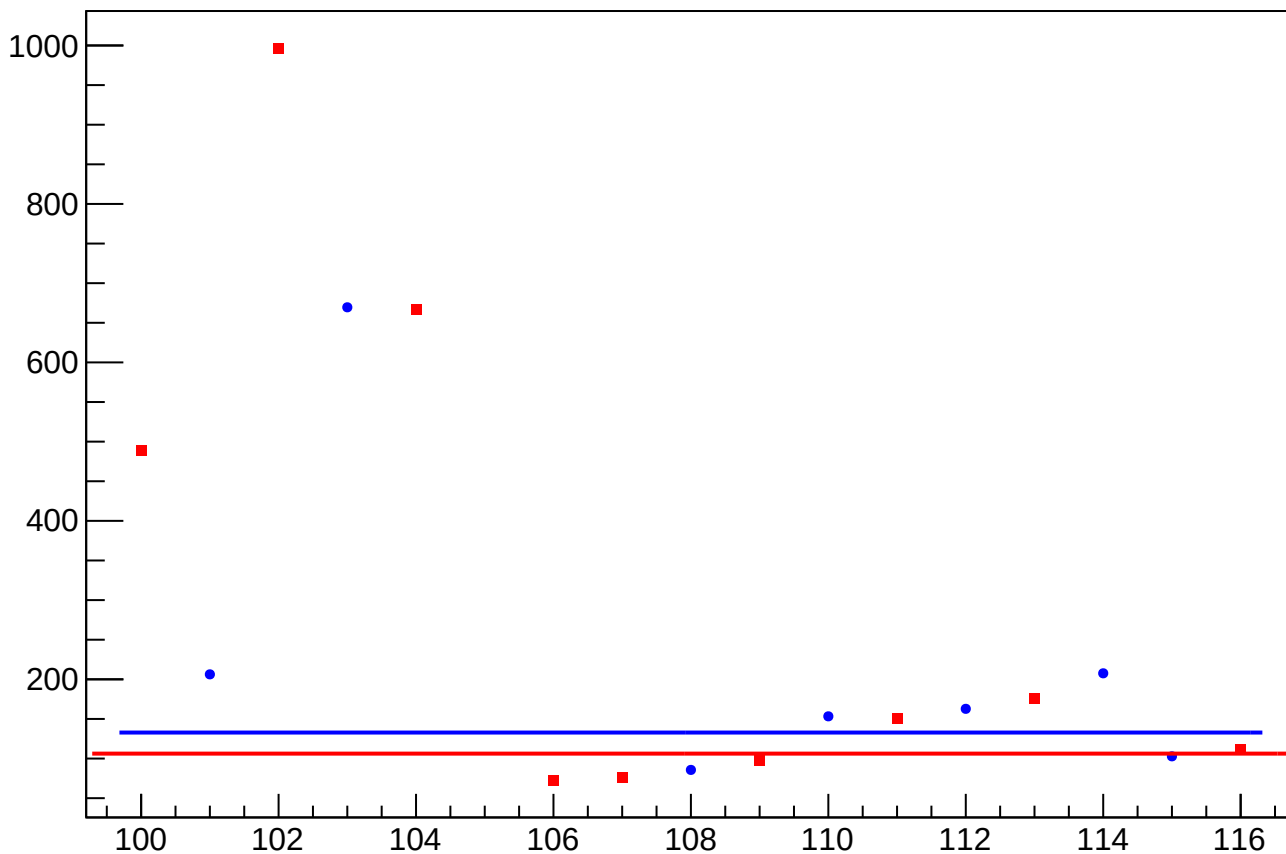
Right: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

In: 0.009 $\pm$ 0.093 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 132.834+/-0.065 χ^2/NDF : 1243509.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.231+/-0.052 χ^2/NDF : 1845424.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

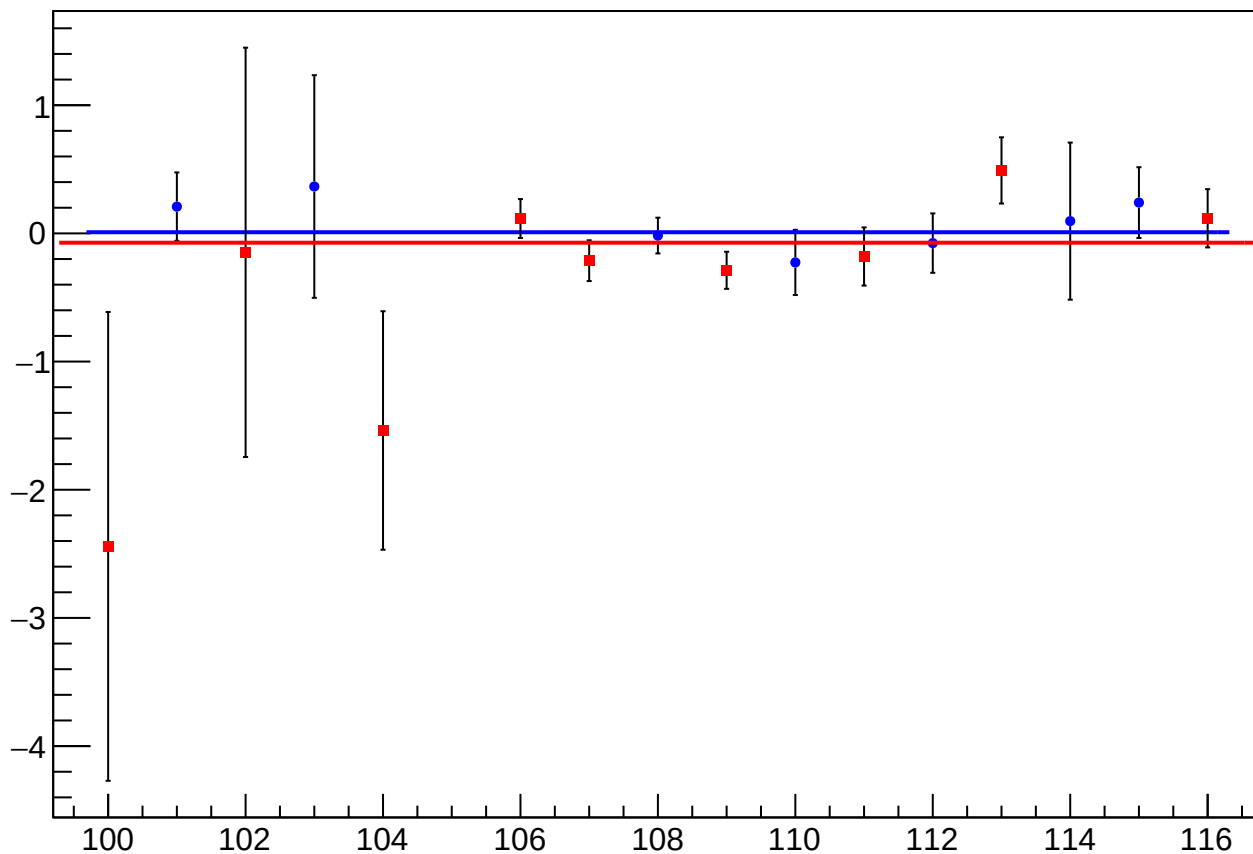
Right: 116.467+/-0.041 χ^2/NDF : 3190464.9/15

In: 132.834+/-0.065 χ^2/NDF : 1243509.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.467+/-0.041 χ^2/NDF : 3190464.9/15

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.093 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.073 $\pm$ 0.073 χ^2 /NDF: 14.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

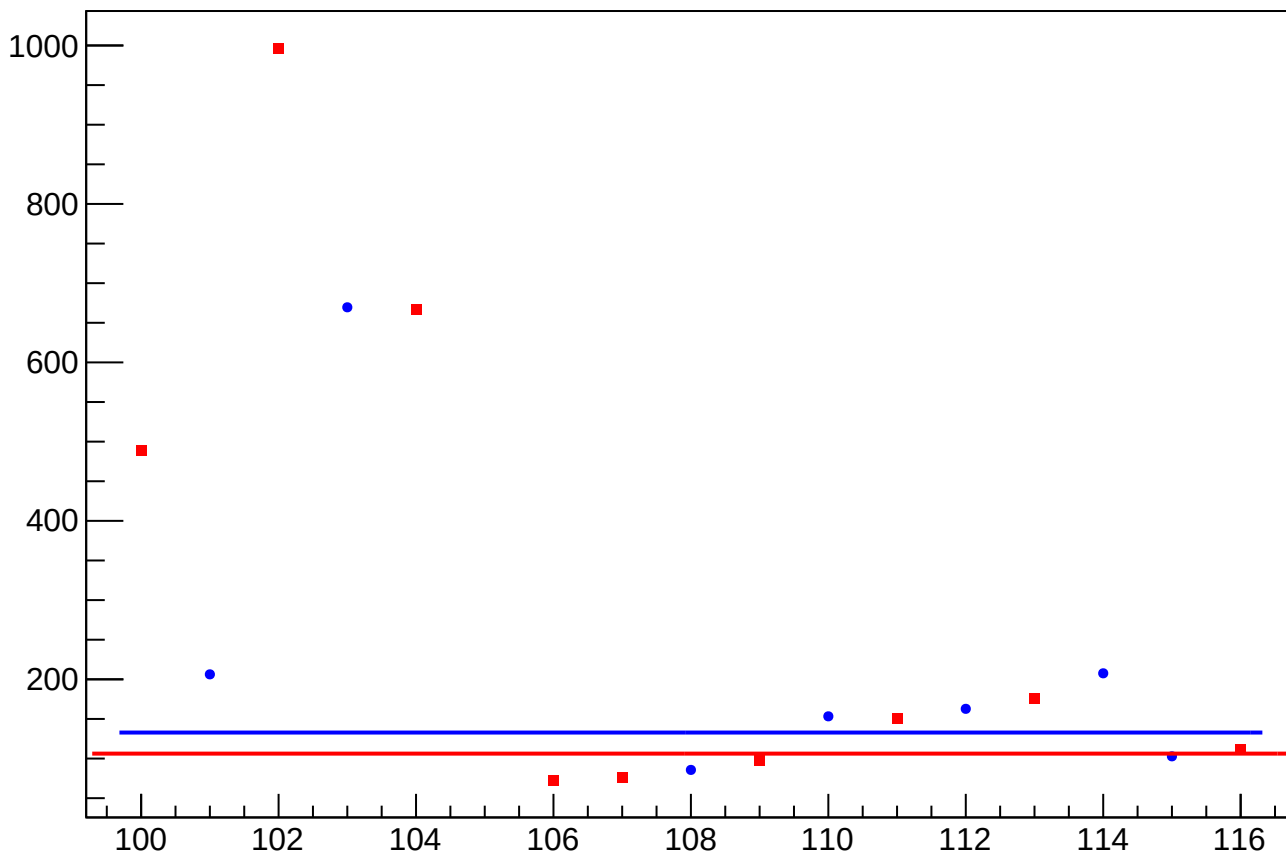
Right: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

In: 0.009 $\pm$ 0.093 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.834+/-0.065 χ^2/NDF : 1243509.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.231+/-0.052 χ^2/NDF : 1845424.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

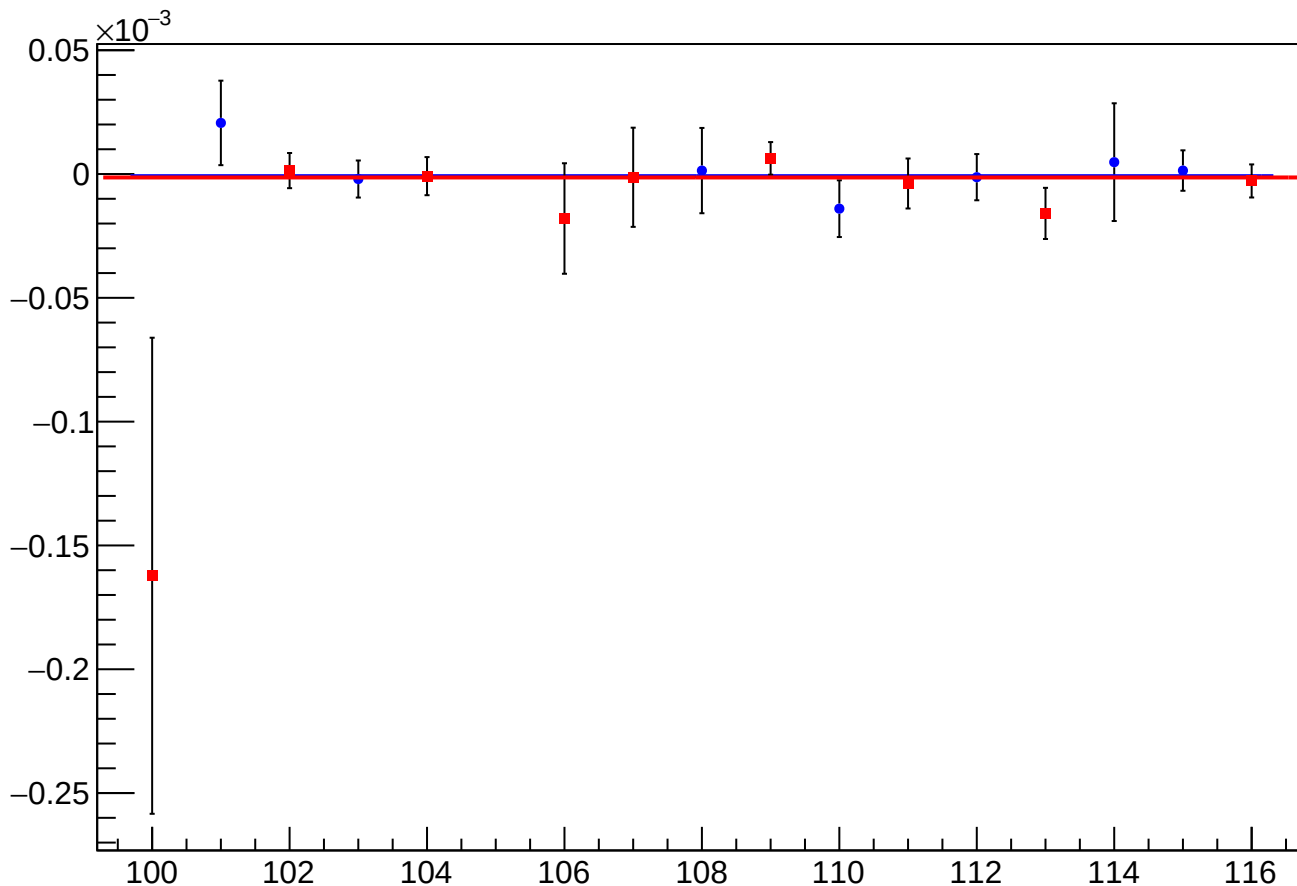
Right: 116.467+/-0.041 χ^2/NDF : 3190464.9/15

In: 132.834+/-0.065 χ^2/NDF : 1243509.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.467+/-0.041 χ^2/NDF : 3190464.9/15

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

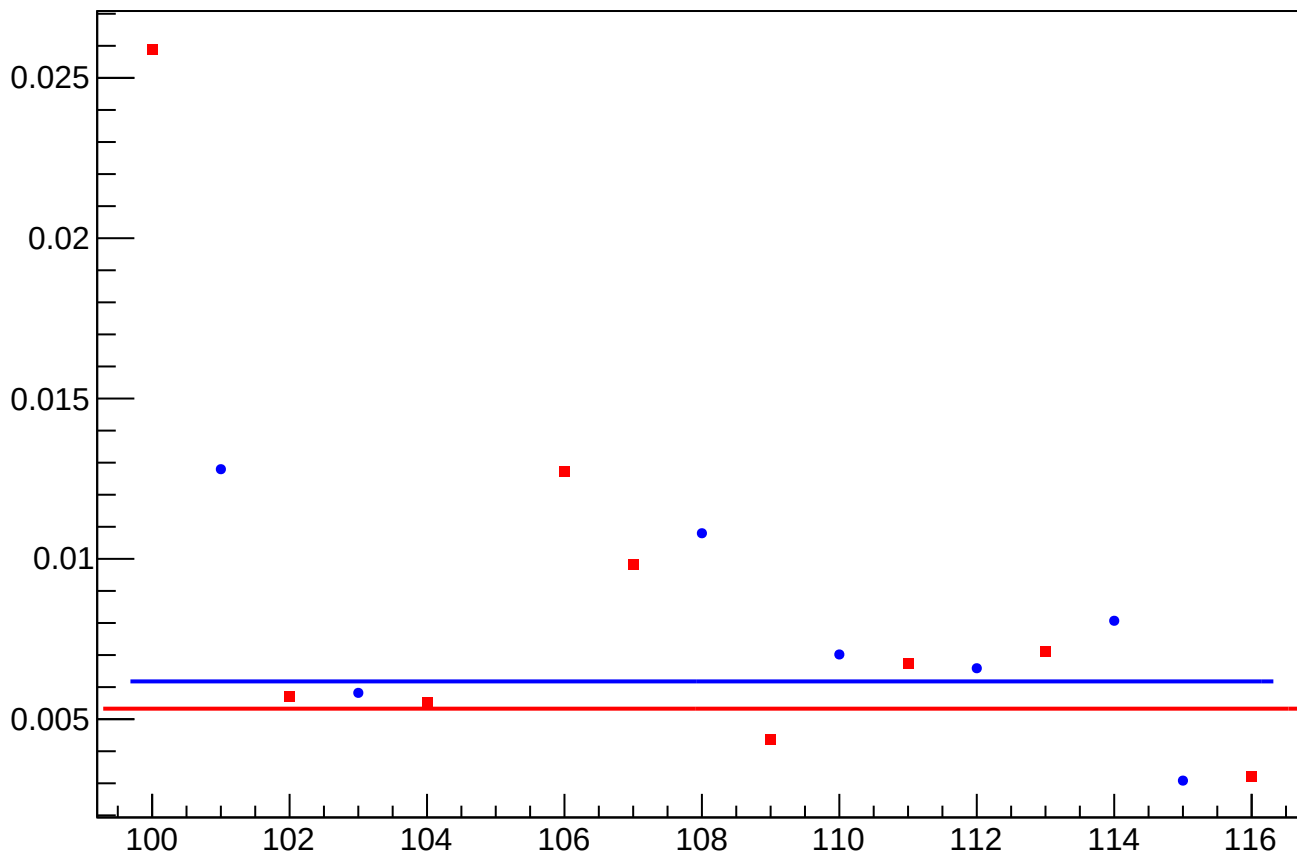
Right: -0.000+/-0.000 χ^2 /NDF: 10.0/15

In: -0.000+/-0.000 χ^2 /NDF:3.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.0/15

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 763949.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 764360.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

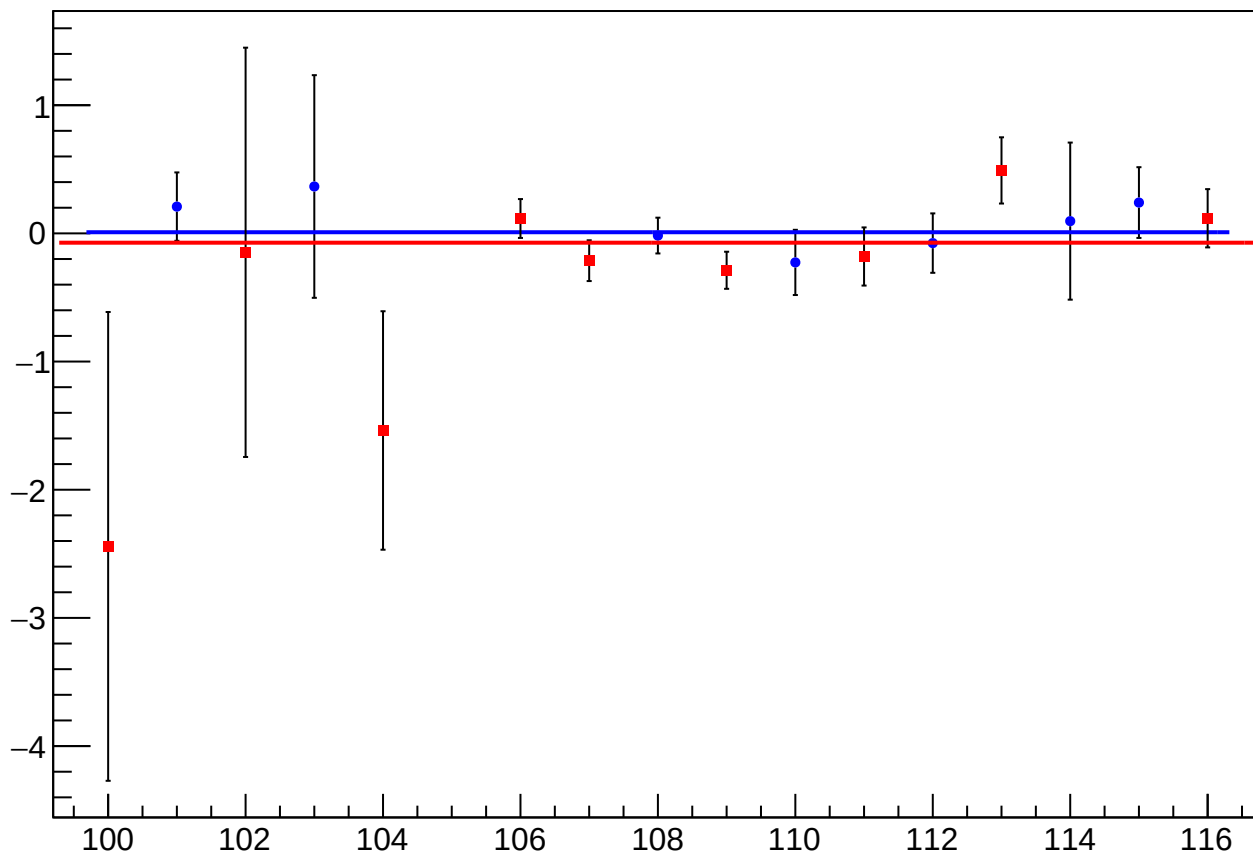
Right: 0.006+/-0.000 χ^2/NDF : 1584044.3/15

In: 0.006+/-0.000 χ^2/NDF : 763949.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1584044.3/15

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.093 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.073 $\pm$ 0.073 χ^2 /NDF: 14.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

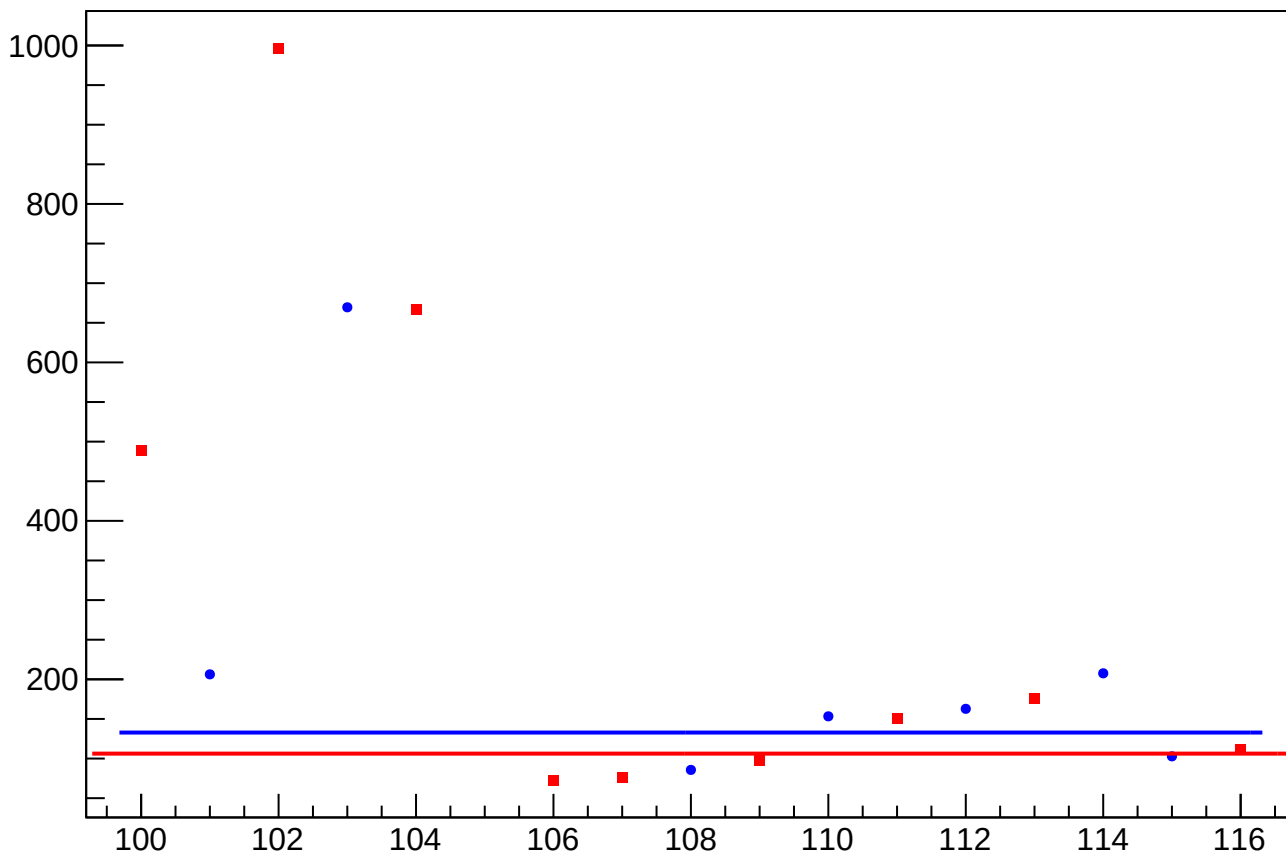
Right: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

In: 0.009 $\pm$ 0.093 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.830+/-0.065 χ^2/NDF : 1243571.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.232+/-0.052 χ^2/NDF : 1845421.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

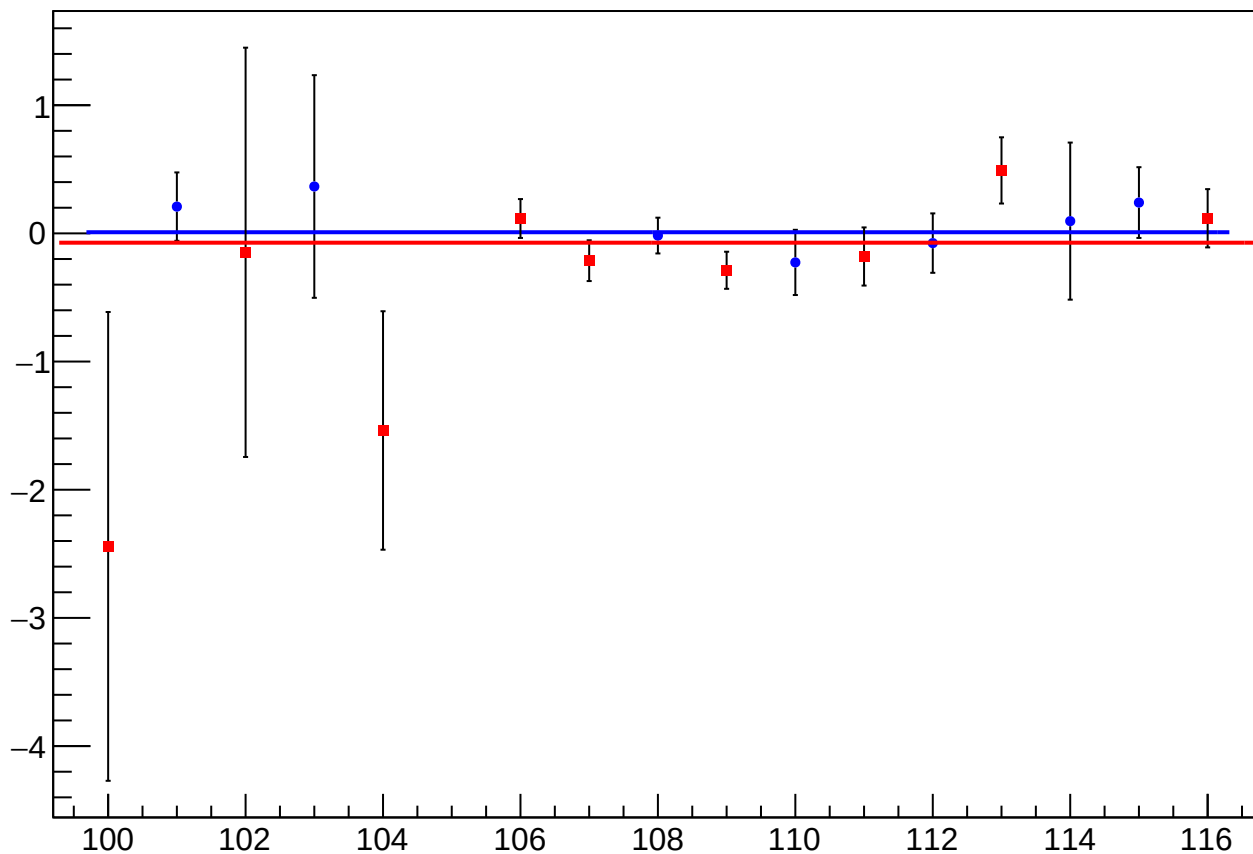
Right: 116.466+/-0.041 χ^2/NDF : 3190494.8/15

In: 132.830+/-0.065 χ^2/NDF : 1243571.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.466+/-0.041 χ^2/NDF : 3190494.8/15

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.093 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.073 $\pm$ 0.073 χ^2 /NDF: 14.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

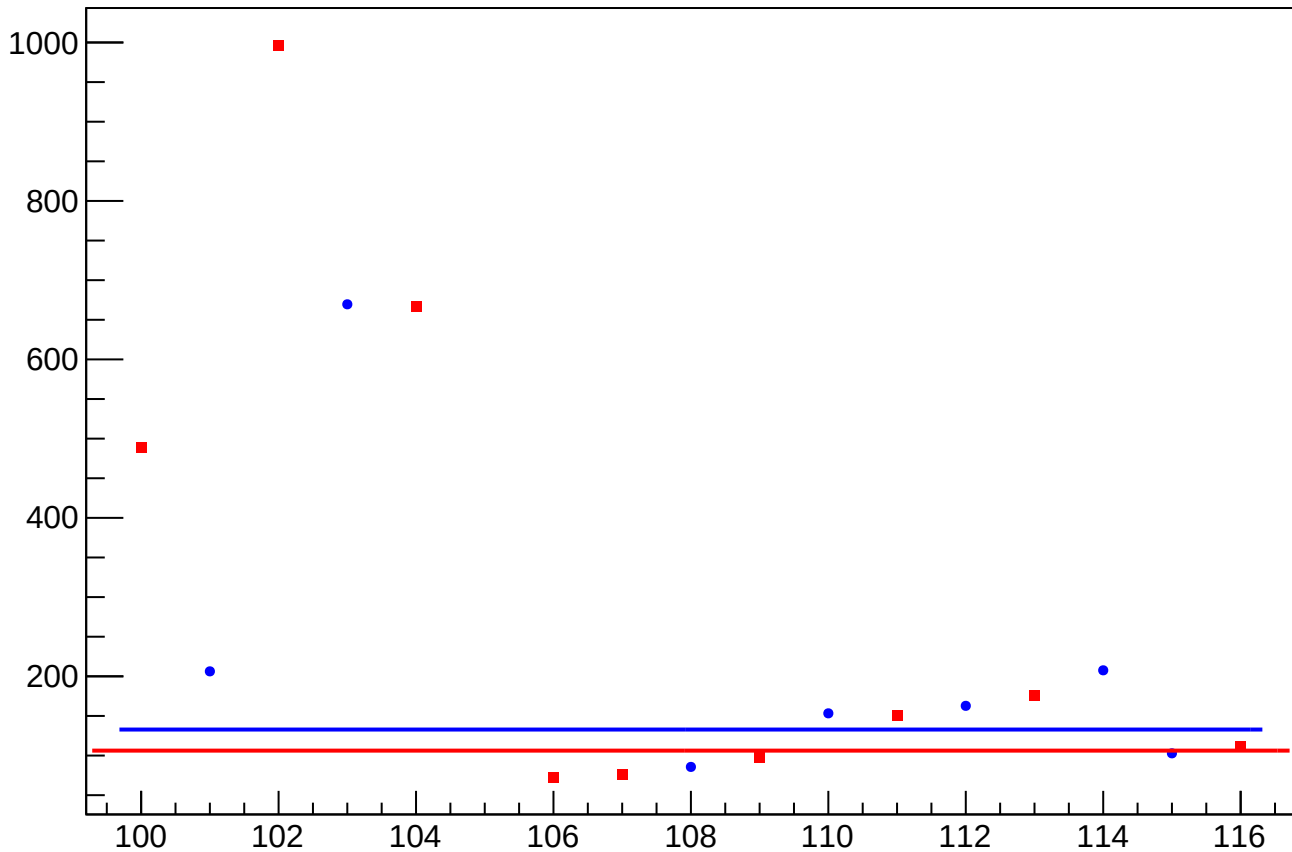
Right: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

In: 0.009 $\pm$ 0.093 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.057 χ^2 /NDF: 17.3/15

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.830+/-0.065 χ^2/NDF : 1243571.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.232+/-0.052 χ^2/NDF : 1845421.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

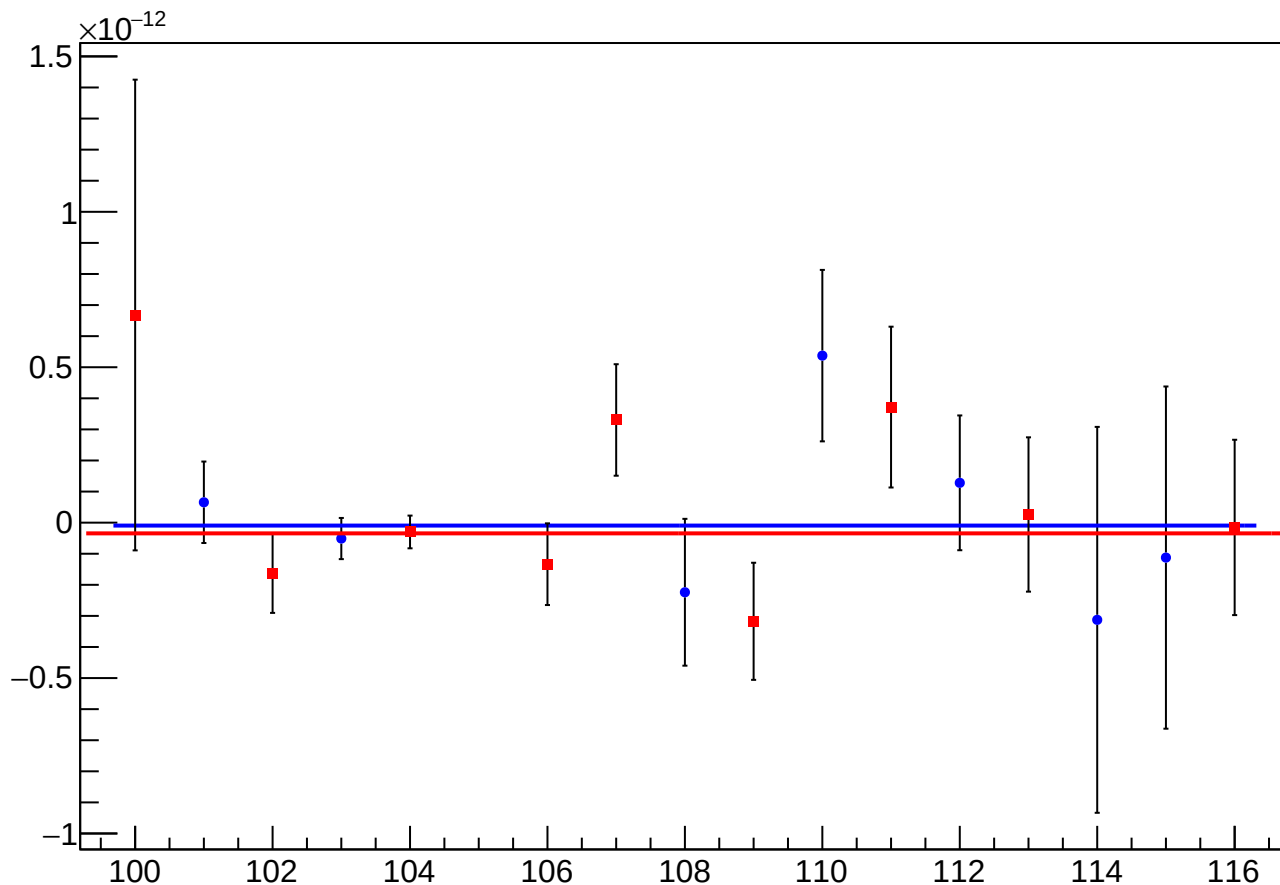
Right: 116.466+/-0.041 χ^2/NDF : 3190494.8/15

In: 132.830+/-0.065 χ^2/NDF : 1243571.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.466+/-0.041 χ^2/NDF : 3190494.8/15

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

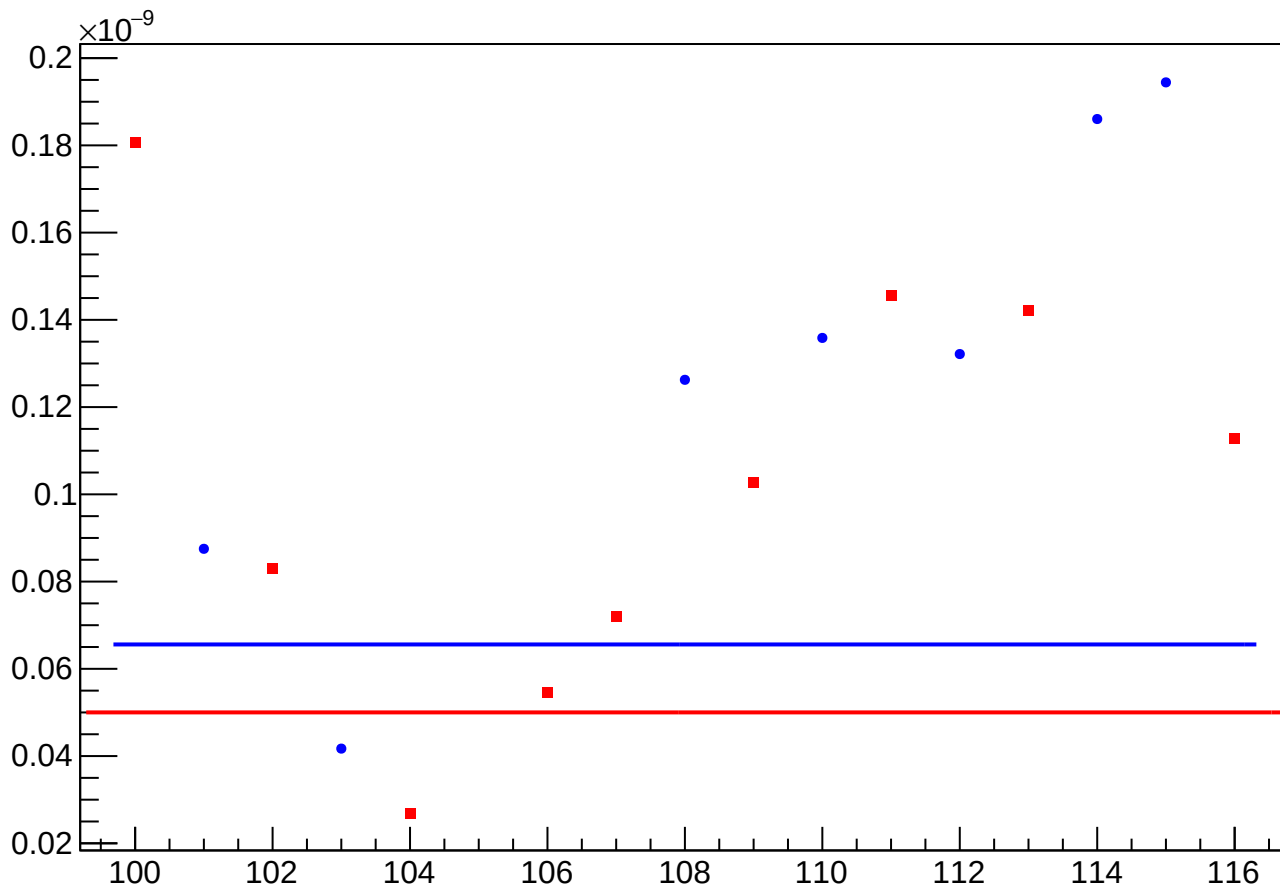
Right: -0.000+/-0.000 χ^2 /NDF: 17.6/15

In: -0.000+/-0.000 χ^2 /NDF:6.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.6/15

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 951245.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1416751.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

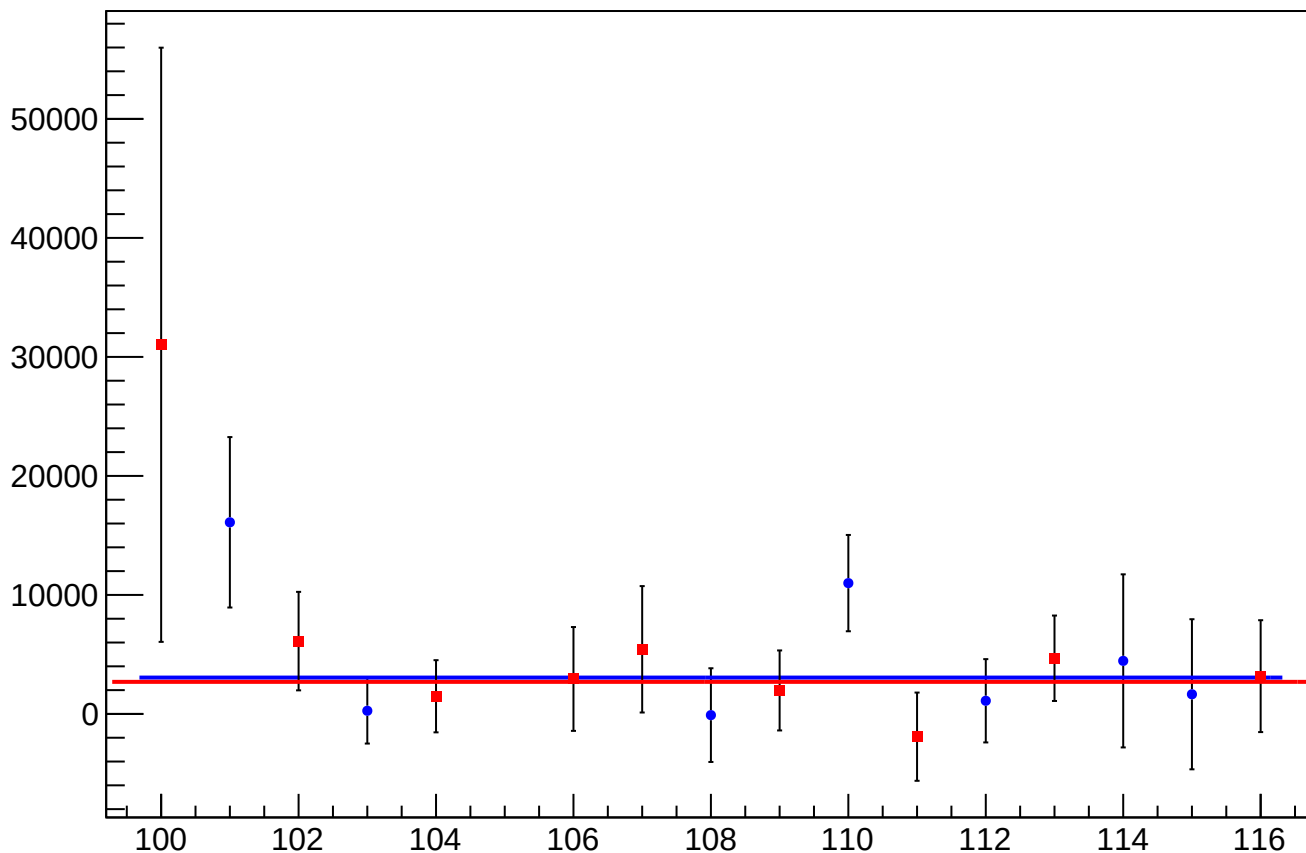
Right: 0.000+/-0.000 χ^2/NDF : 2473174.4/15

In: 0.000+/-0.000 χ^2/NDF : 951245.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2473174.4/15

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3055.184+/-1576.058 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2695.361+/-1359.699 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

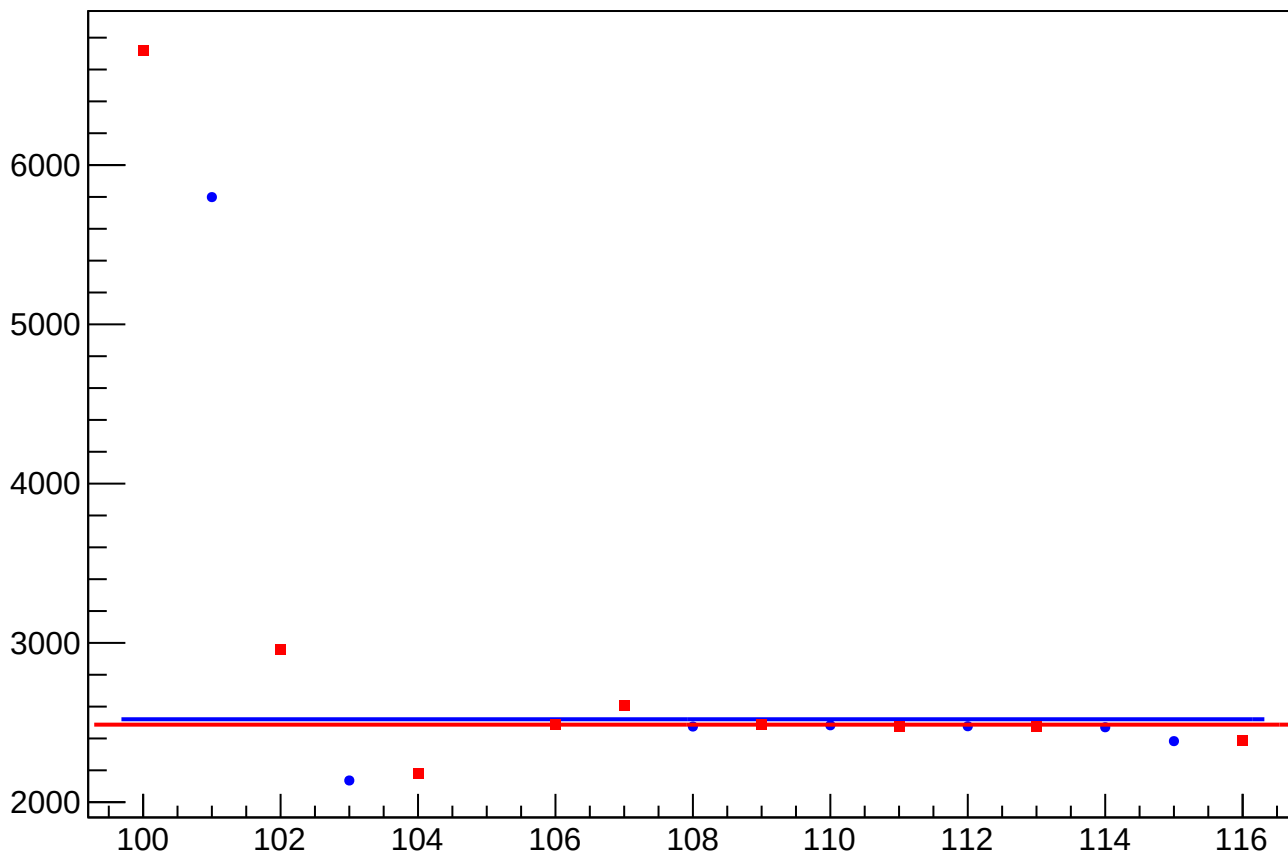
Right: 2848.898+/-1029.517 χ^2/NDF : 13.6/15

In: 3055.184+/-1576.058 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2848.898+/-1029.517 χ^2/NDF : 13.6/15

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2520.612+/-1.114 χ^2/NDF : 459937.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2486.746+/-0.961 χ^2/NDF : 105740.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

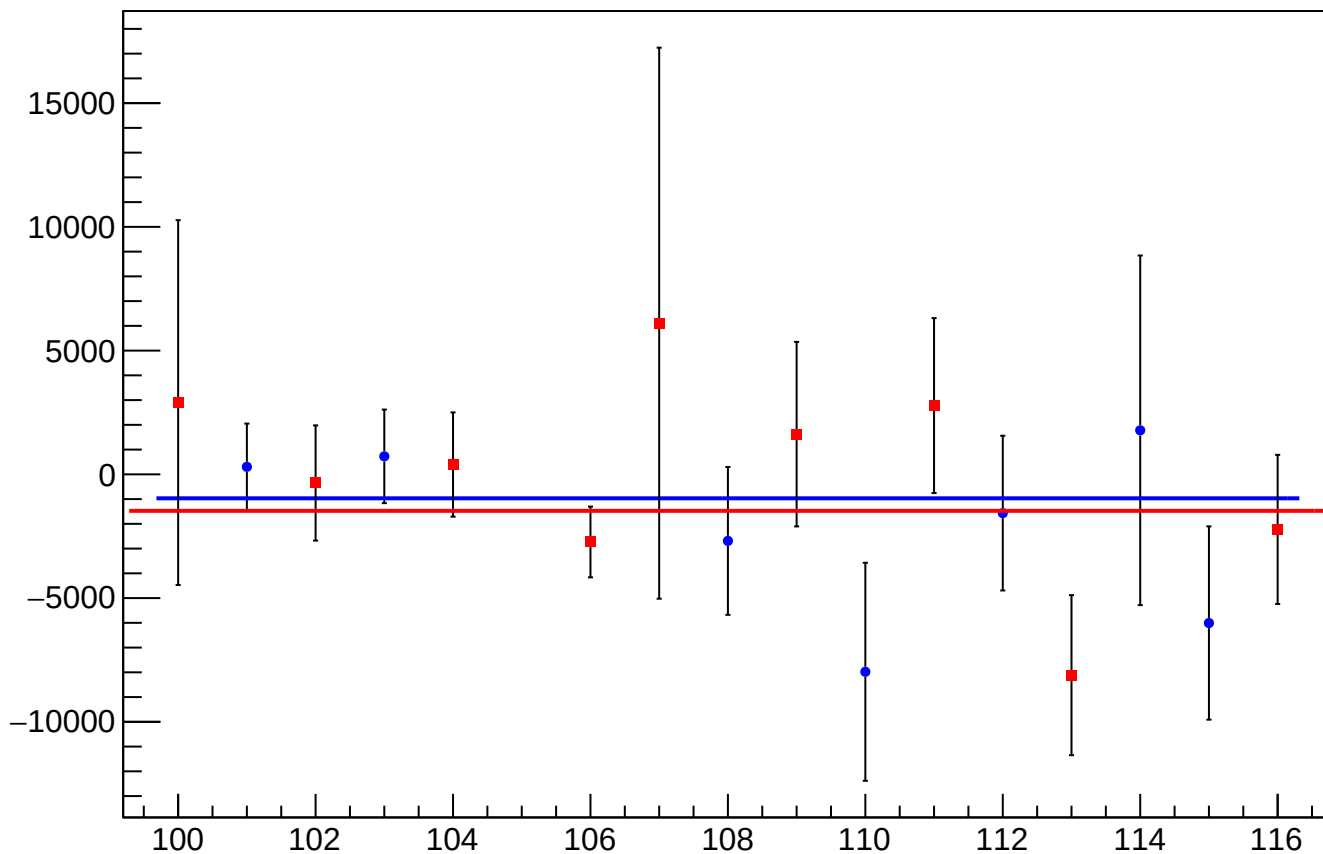
Right: 2501.197+/-0.728 χ^2/NDF : 566207.3/15

In: 2520.612+/-1.114 χ^2/NDF : 459937.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2501.197+/-0.728 χ^2/NDF : 566207.3/15

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -968.304+/-1021.311 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1474.272+/-882.683 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

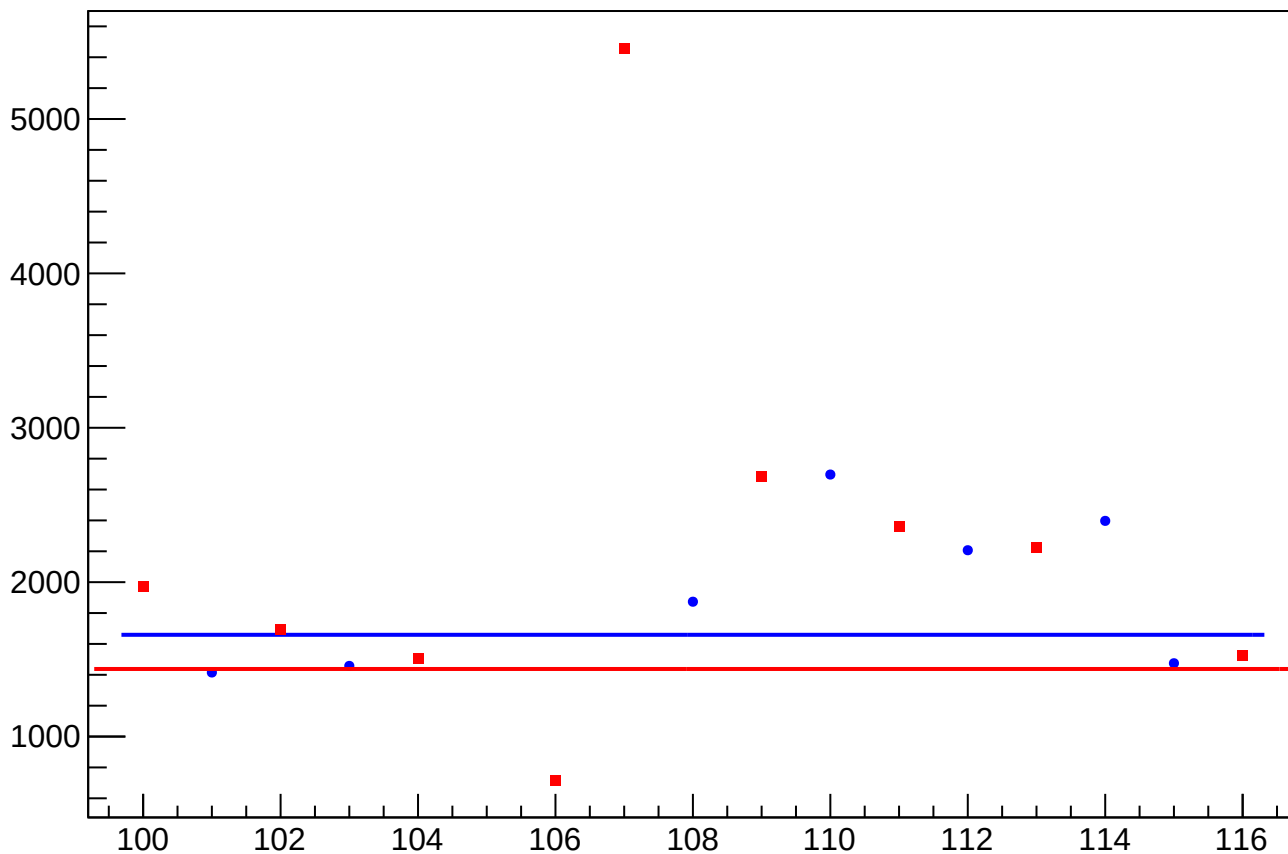
Right: -1257.933+/-667.827 χ^2/NDF : 15.2/15

In: -968.304+/-1021.311 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1257.933+/-667.827 χ^2/NDF : 15.2/15

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1659.078+/-0.722 χ^2/NDF : 270768.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1437.716+/-0.624 χ^2/NDF : 1290936.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

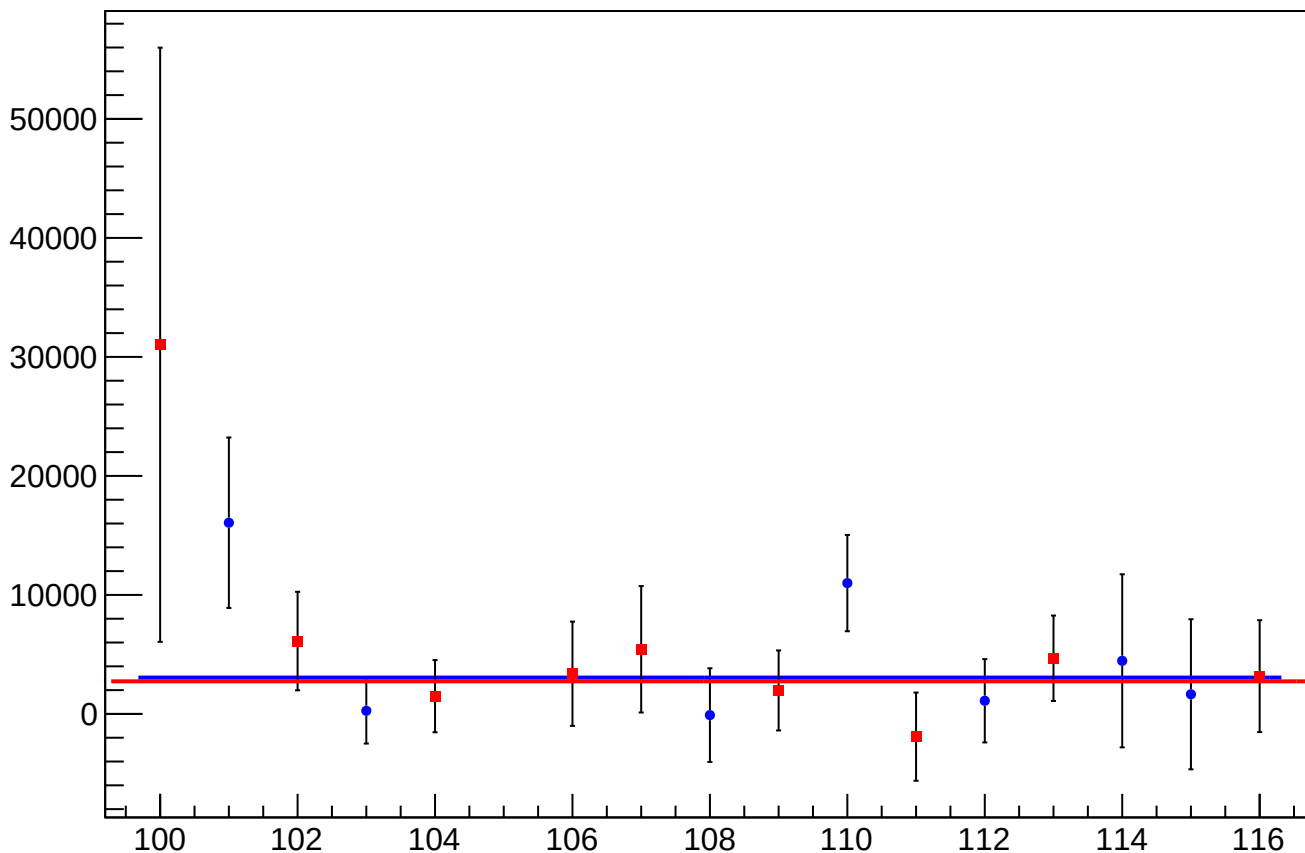
Right: 1532.365+/-0.472 χ^2/NDF : 1615486.8/15

In: 1659.078+/-0.722 χ^2/NDF : 270768.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.365+/-0.472 χ^2/NDF : 1615486.8/15

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3053.490+/-1576.059 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.776+/-1360.271 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

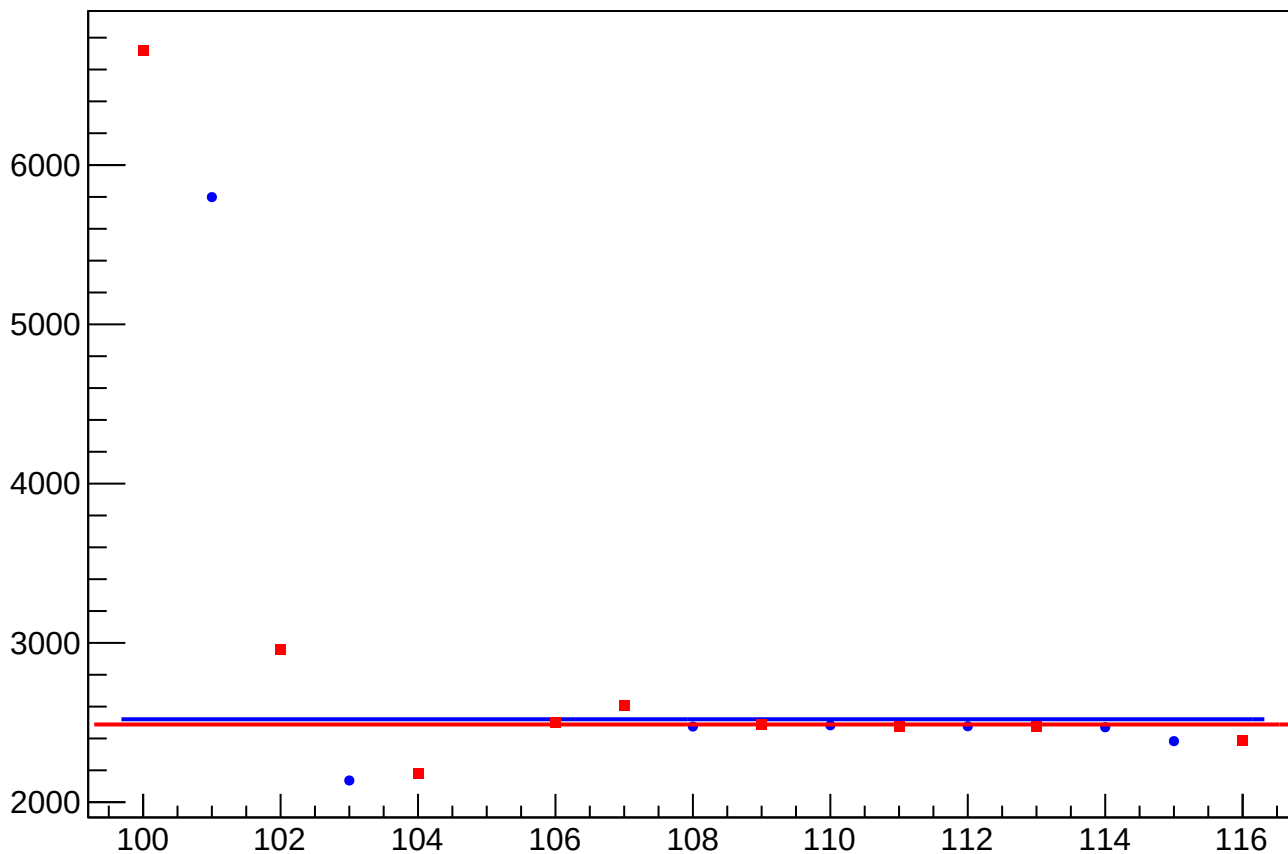
Right: 2873.129+/-1029.766 χ^2/NDF : 13.6/15

In: 3053.490+/-1576.059 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2873.129+/-1029.766 χ^2/NDF : 13.6/15

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2520.612+/-1.114 χ^2/NDF : 459938.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2487.778+/-0.962 χ^2/NDF : 105758.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

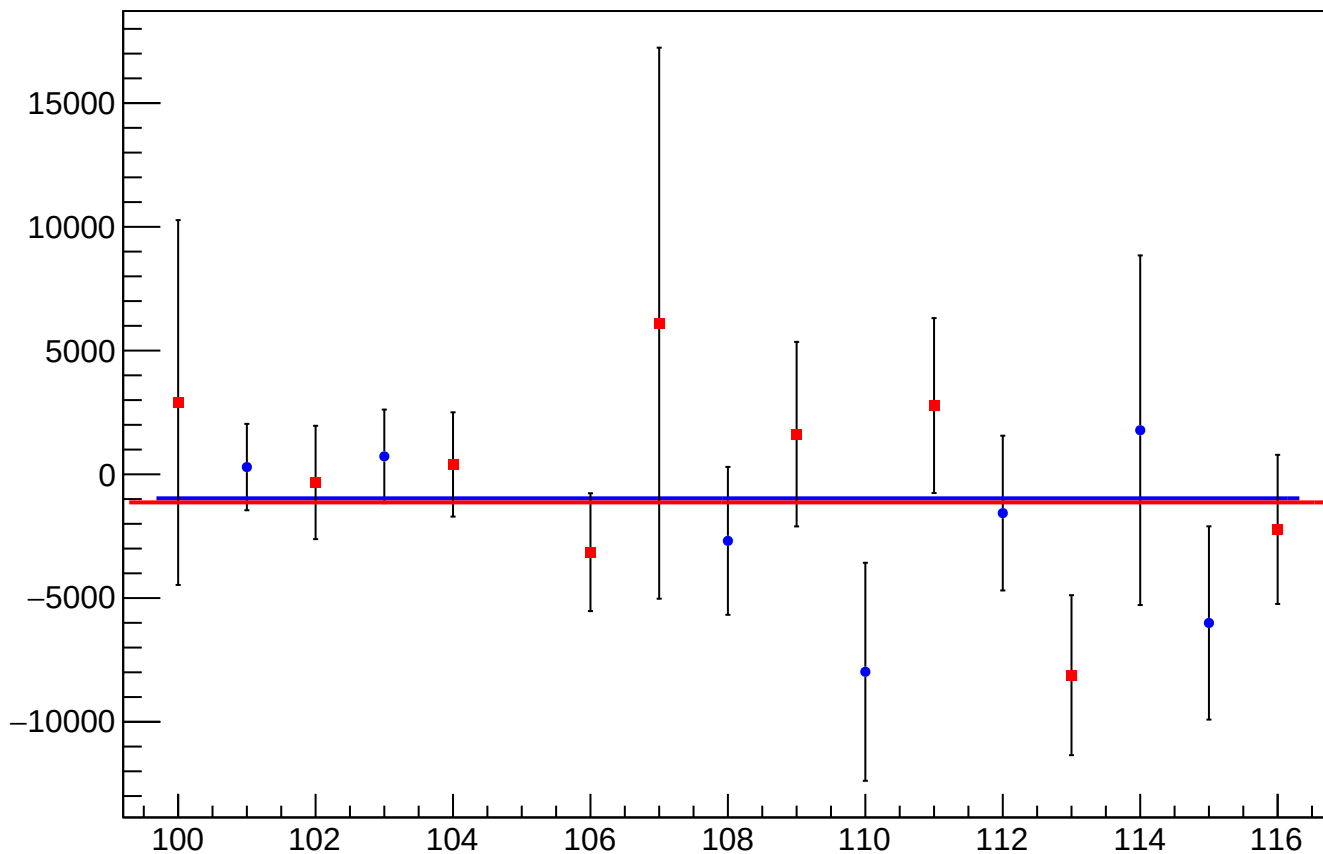
Right: 2501.795+/-0.728 χ^2/NDF : 566194.3/15

In: 2520.612+/-1.114 χ^2/NDF : 459938.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2501.795+/-0.728 χ^2/NDF : 566194.3/15

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -970.283+/-1020.824 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1133.791+/-1011.844 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

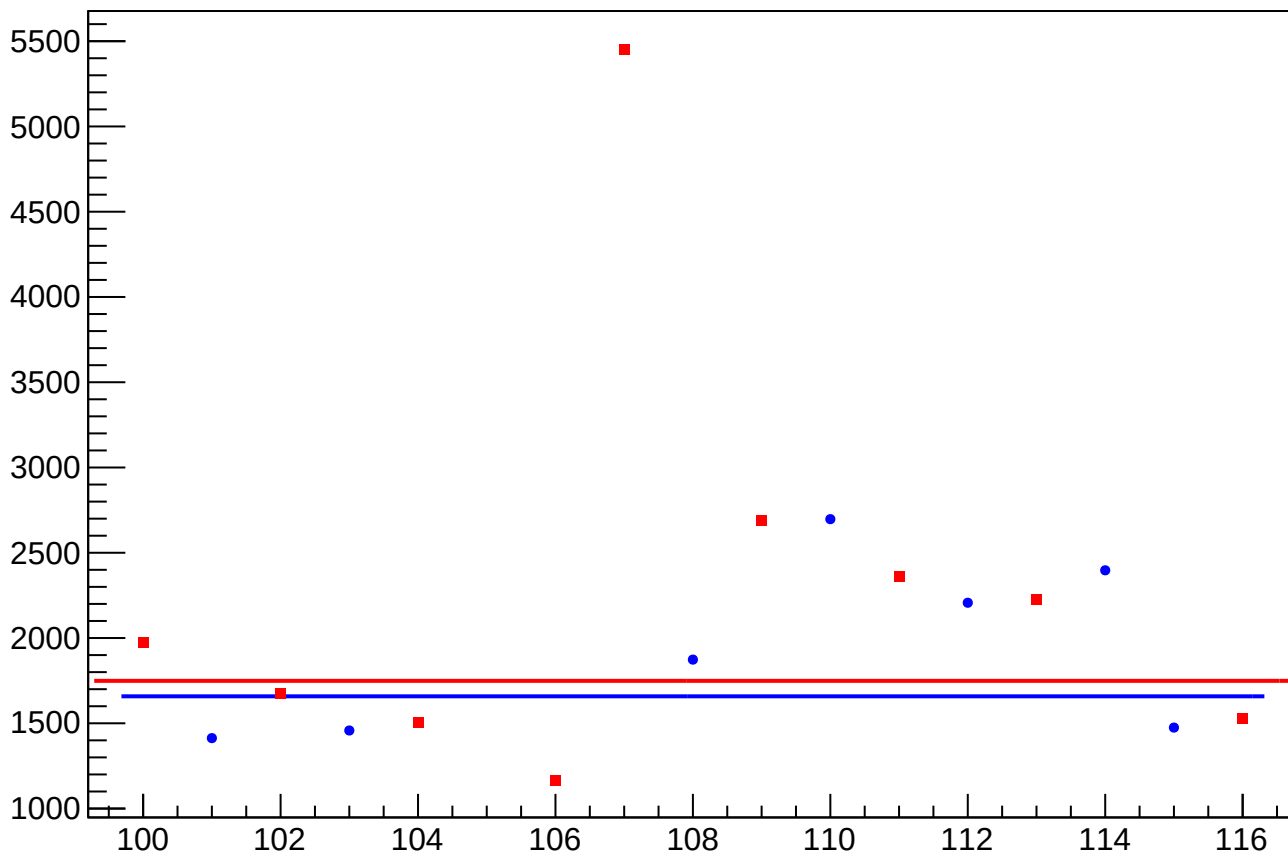
Right: -1052.759+/-718.636 χ^2/NDF : 14.7/15

In: -970.283+/-1020.824 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1052.759+/-718.636 χ^2/NDF : 14.7/15

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1658.197+/-0.722 χ^2/NDF : 271490.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1748.928+/-0.715 χ^2/NDF : 613585.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

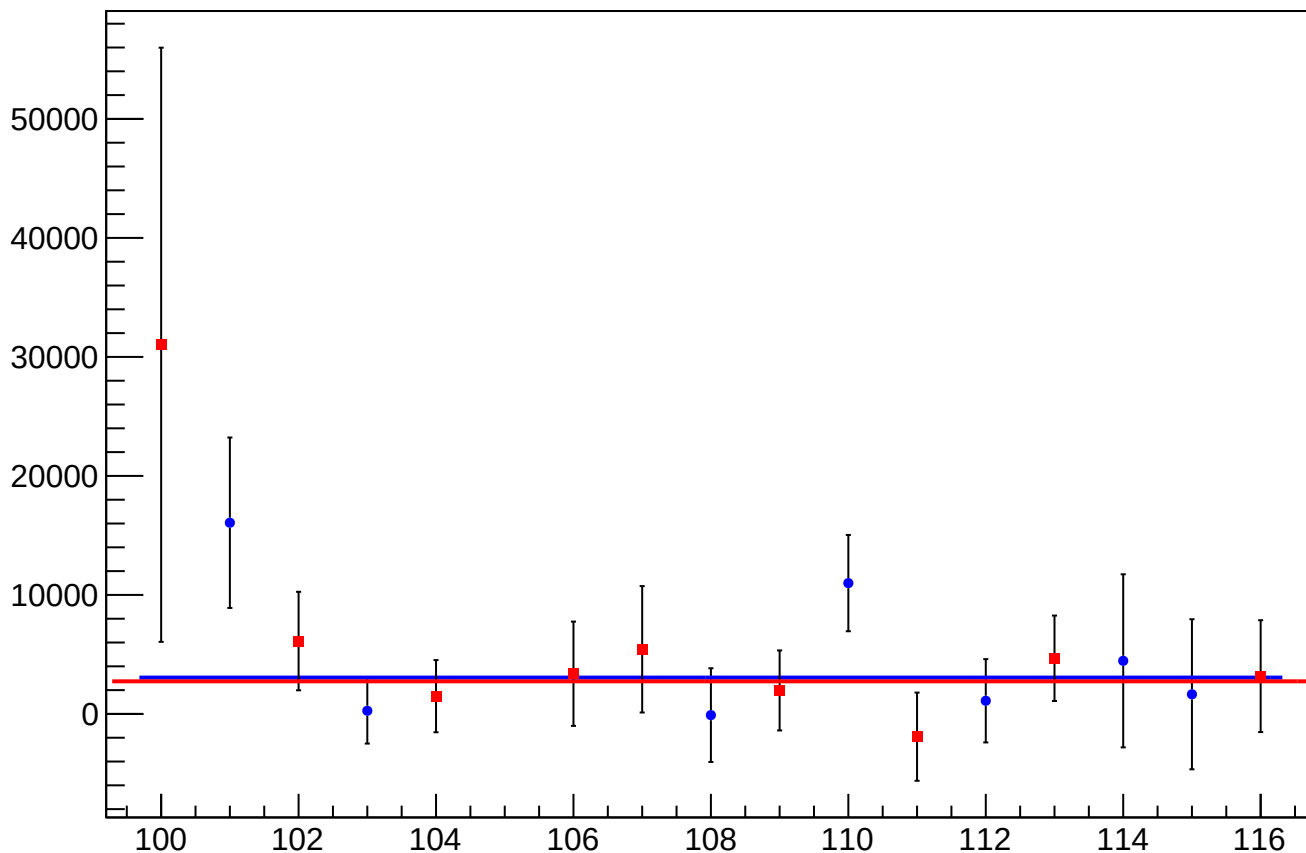
Right: 1703.963+/-0.508 χ^2/NDF : 893045.3/15

In: 1658.197+/-0.722 χ^2/NDF : 271490.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.963+/-0.508 χ^2/NDF : 893045.3/15

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3053.490+/-1576.059 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.776+/-1360.271 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

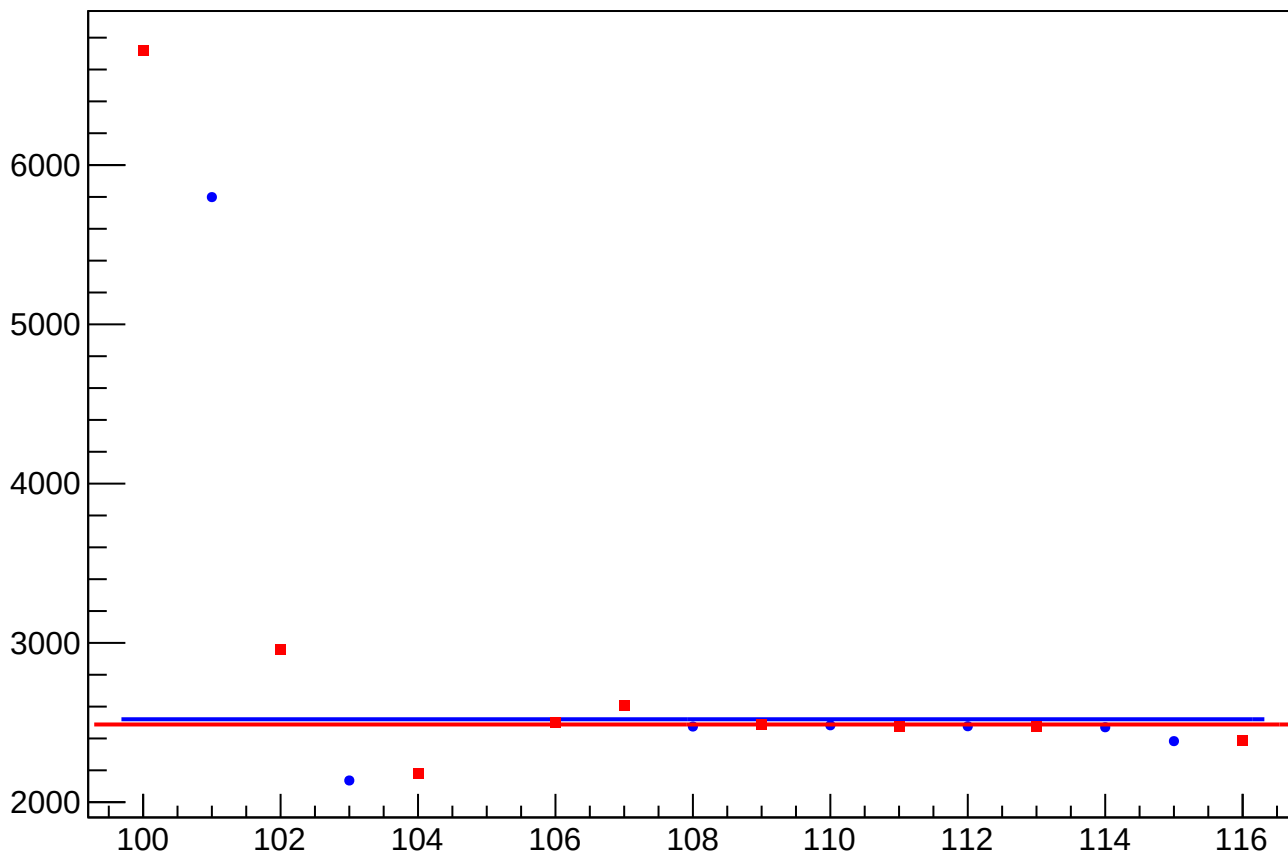
Right: 2873.129+/-1029.766 χ^2/NDF : 13.6/15

In: 3053.490+/-1576.059 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2873.129+/-1029.766 χ^2/NDF : 13.6/15

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2520.612 $\pm$ 1.114 χ^2 /NDF: 459938.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2487.778 $\pm$ 0.962 χ^2 /NDF: 105758.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

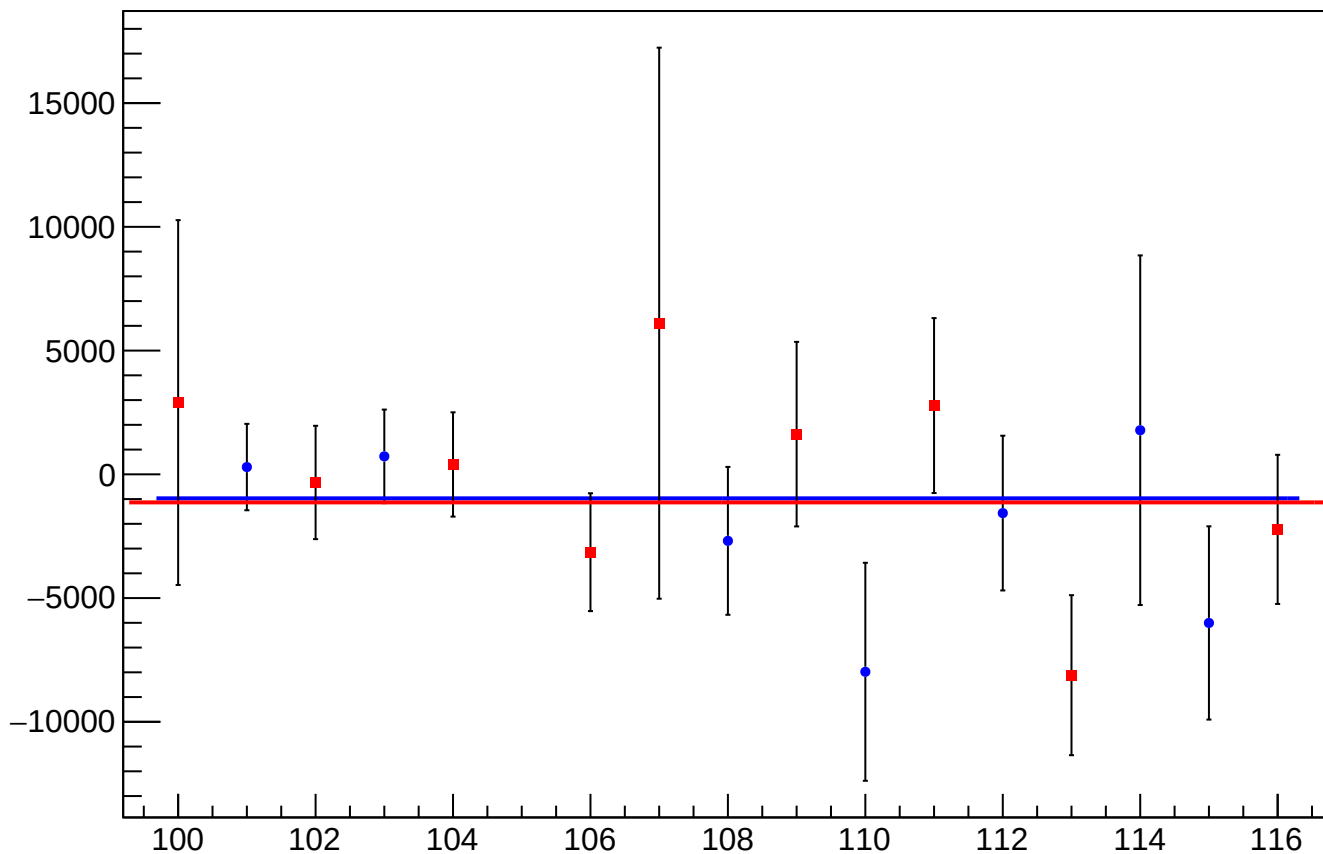
Right: 2501.795 $\pm$ 0.728 χ^2 /NDF: 566194.3/15

In: 2520.612 $\pm$ 1.114 χ^2 /NDF:459938.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2501.795 $\pm$ 0.728 χ^2 /NDF: 566194.3/15

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -970.283+/-1020.824 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1133.791+/-1011.844 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

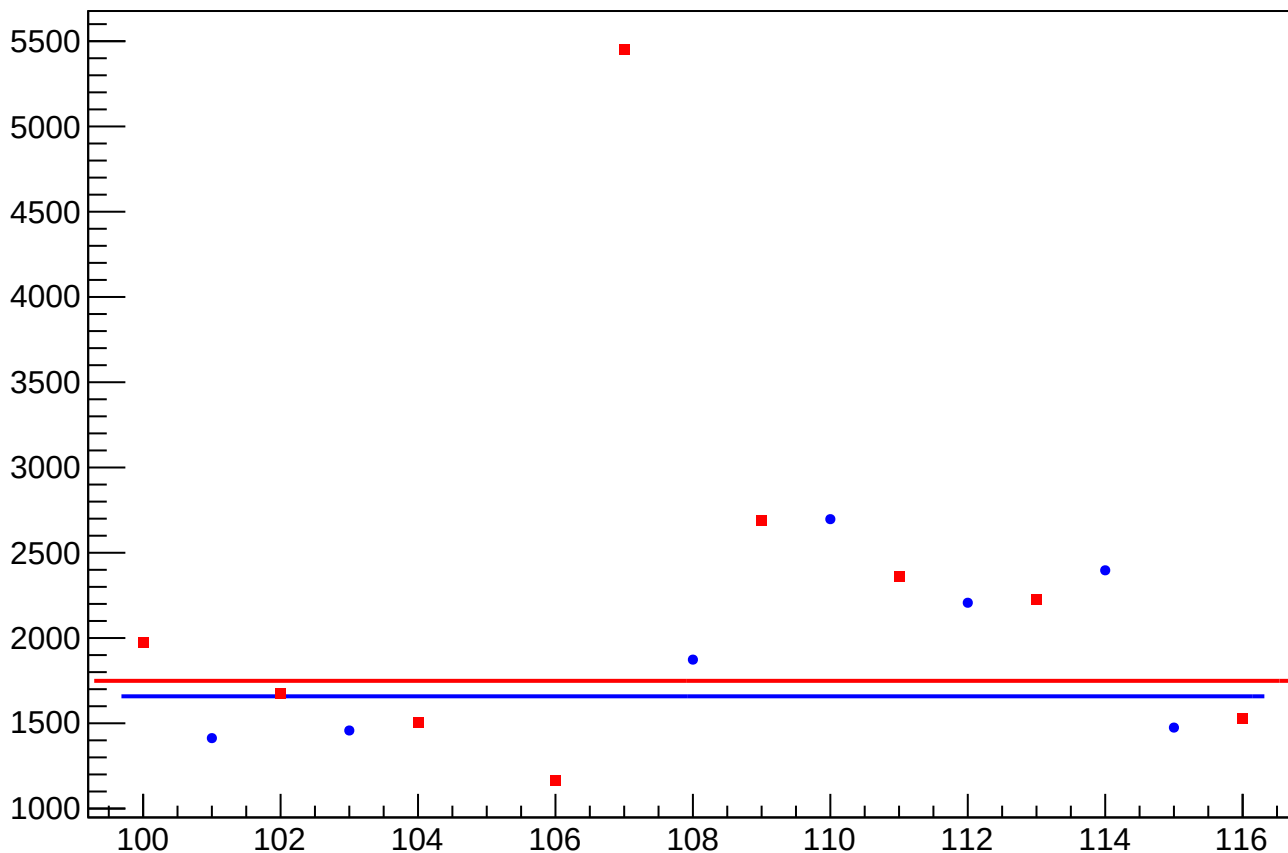
Right: -1052.759+/-718.636 χ^2/NDF : 14.7/15

In: -970.283+/-1020.824 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1052.759+/-718.636 χ^2/NDF : 14.7/15

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1658.197+/-0.722 χ^2/NDF : 271490.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1748.928+/-0.715 χ^2/NDF : 613585.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

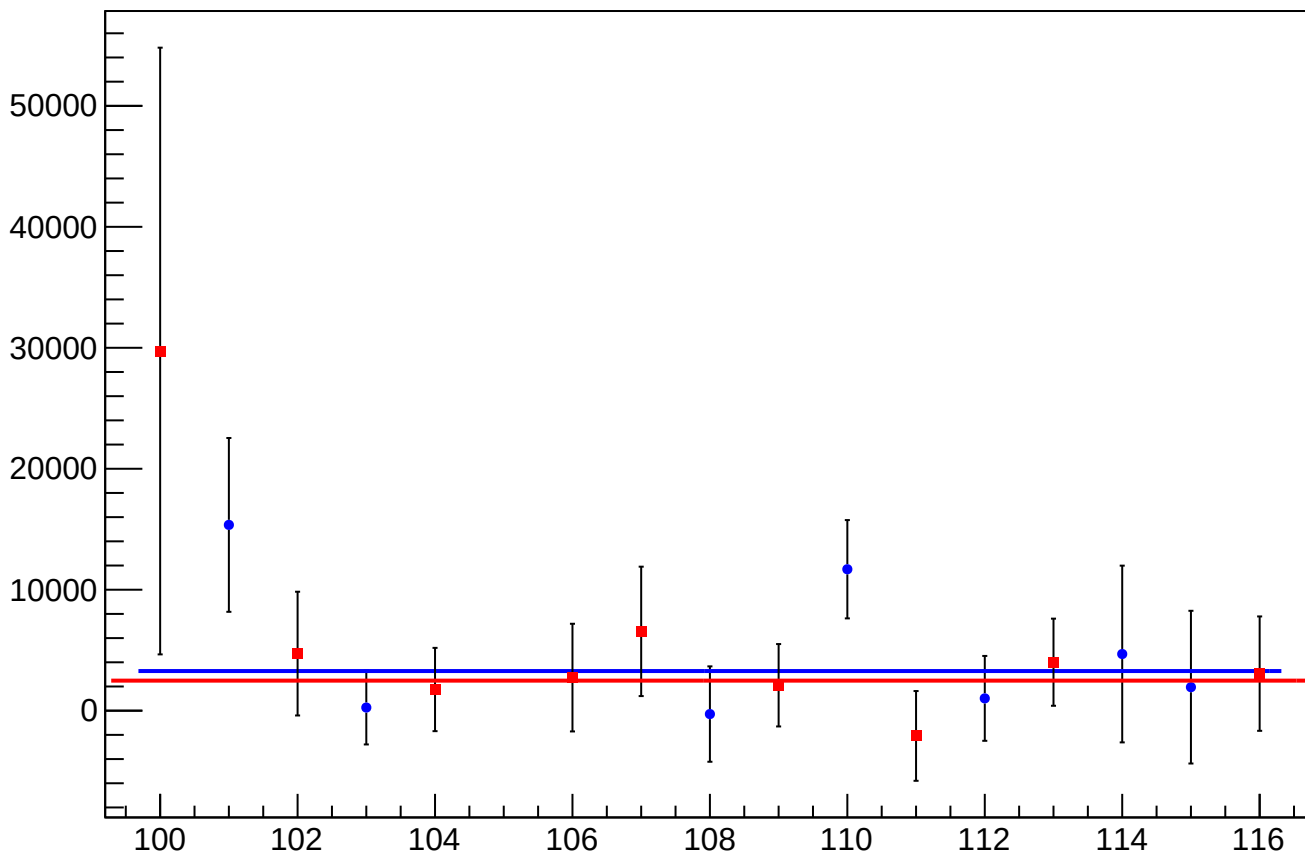
Right: 1703.963+/-0.508 χ^2/NDF : 893045.3/15

In: 1658.197+/-0.722 χ^2/NDF : 271490.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.963+/-0.508 χ^2/NDF : 893045.3/15

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3276.832+/-1629.070 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2484.546+/-1428.116 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

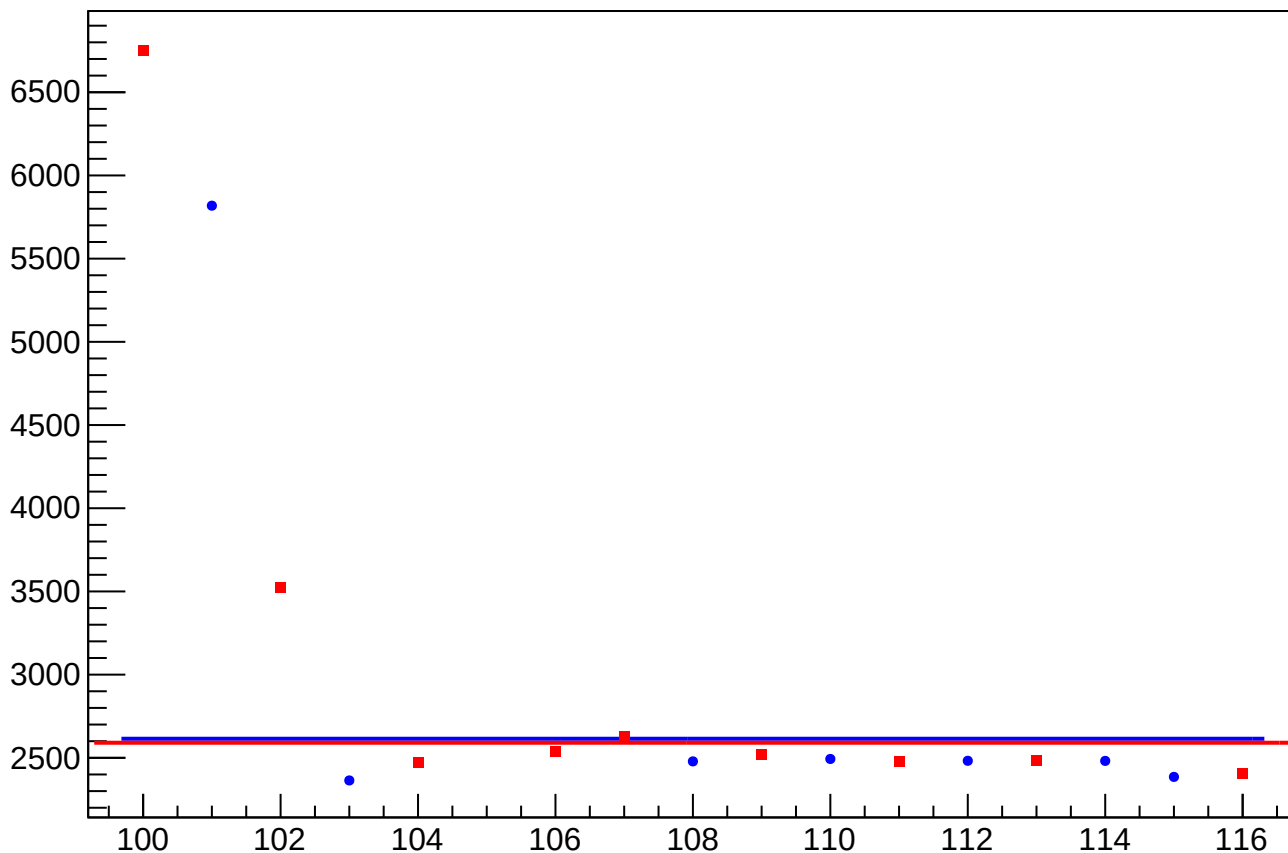
Right: 2828.835+/-1073.891 χ^2/NDF : 13.3/15

In: 3276.832+/-1629.070 χ^2/NDF :9.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2828.835+/-1073.891 χ^2/NDF : 13.3/15

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2614.705+/-1.152 χ^2/NDF : 421380.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.714+/-1.010 χ^2/NDF : 131426.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

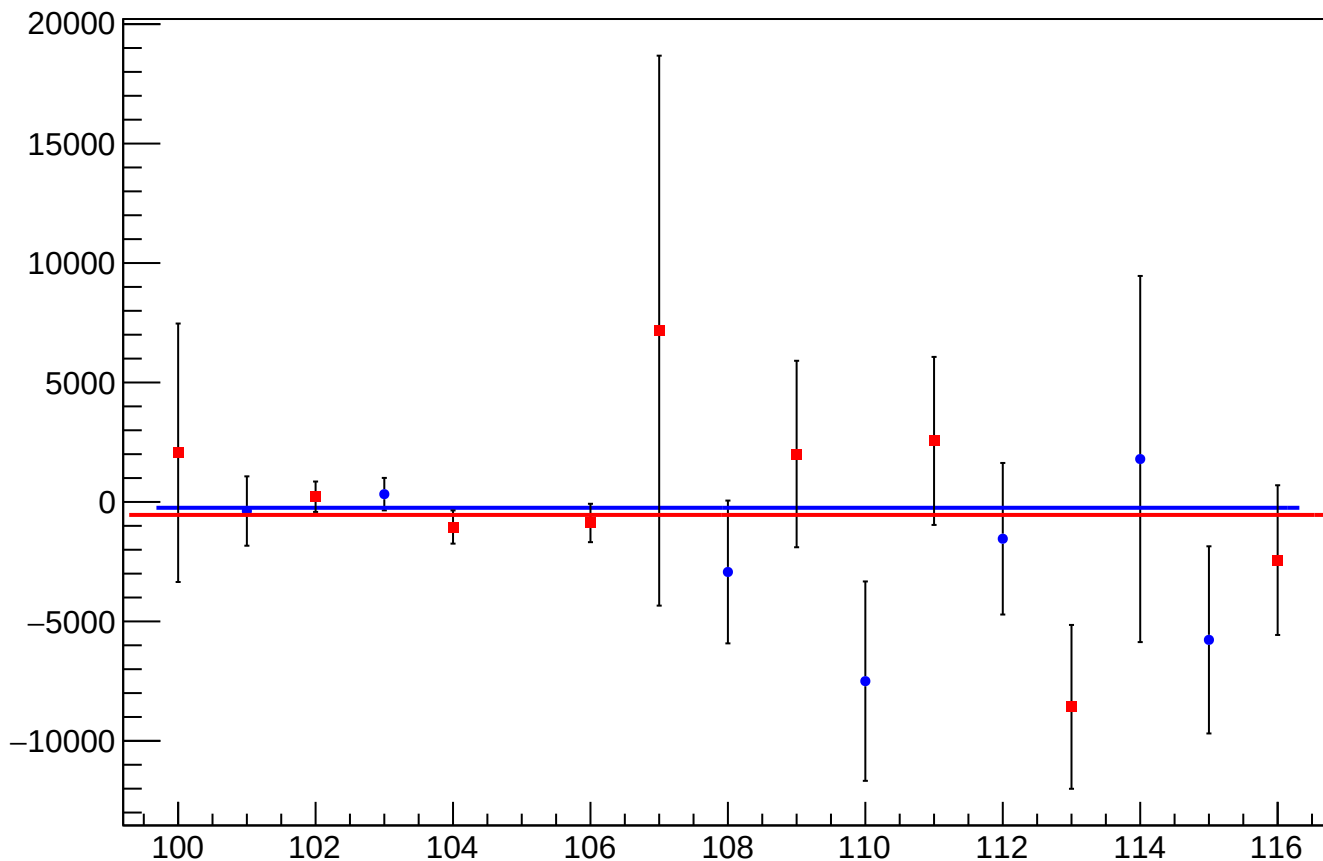
Right: 2601.139+/-0.759 χ^2/NDF : 553051.4/15

In: 2614.705+/-1.152 χ^2/NDF : 421380.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.139+/-0.759 χ^2/NDF : 553051.4/15

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -244.070+/-578.136 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -543.000+/-393.230 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

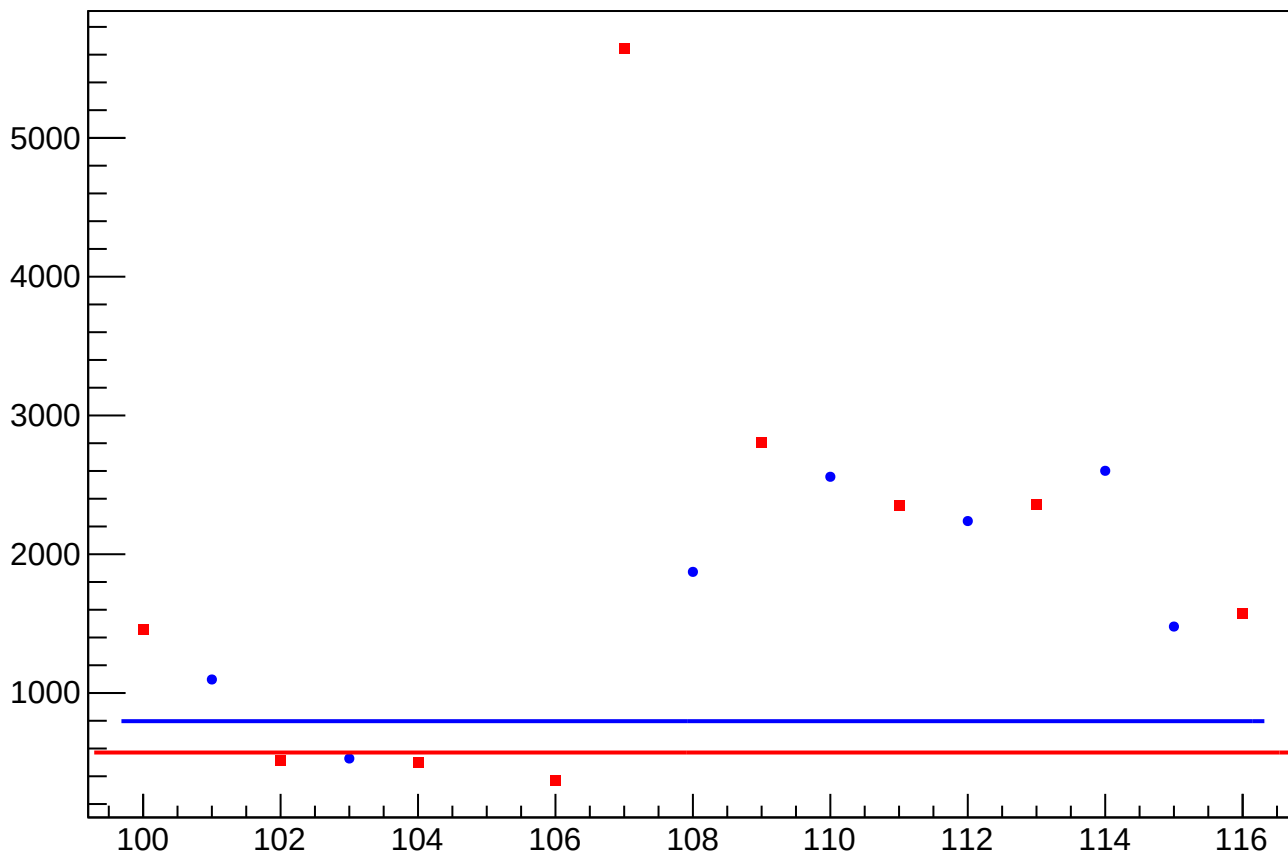
Right: -448.449+/-325.147 χ^2/NDF : 16.8/15

In: -244.070+/-578.136 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.449+/-325.147 χ^2/NDF : 16.8/15

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 797.073+/-0.409 χ^2/NDF : 1599379.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.200+/-0.278 χ^2/NDF : 2524781.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

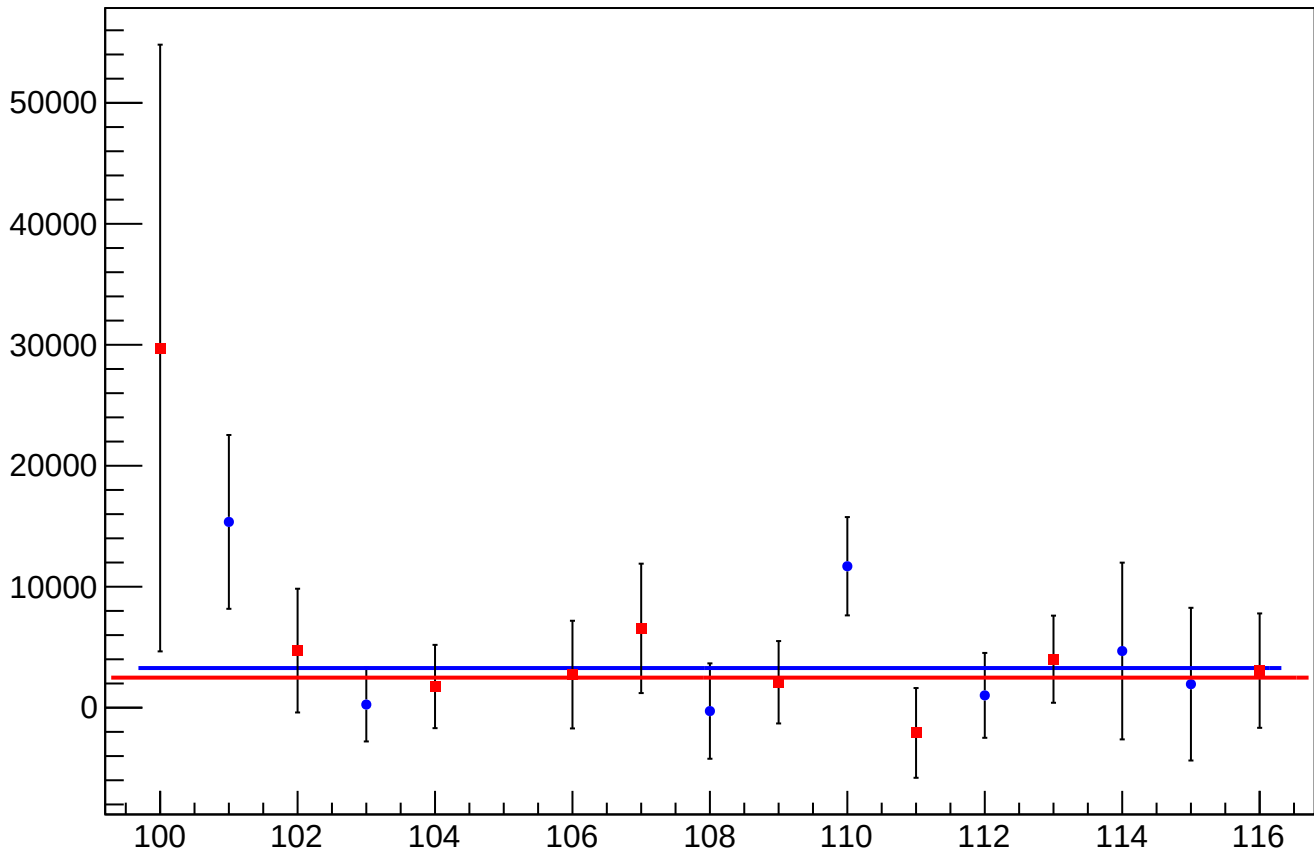
Right: 642.644+/-0.230 χ^2/NDF : 4332881.1/15

In: 797.073+/-0.409 χ^2/NDF : 1599379.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.644+/-0.230 χ^2/NDF : 4332881.1/15

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3276.830+/-1629.069 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2484.541+/-1428.116 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

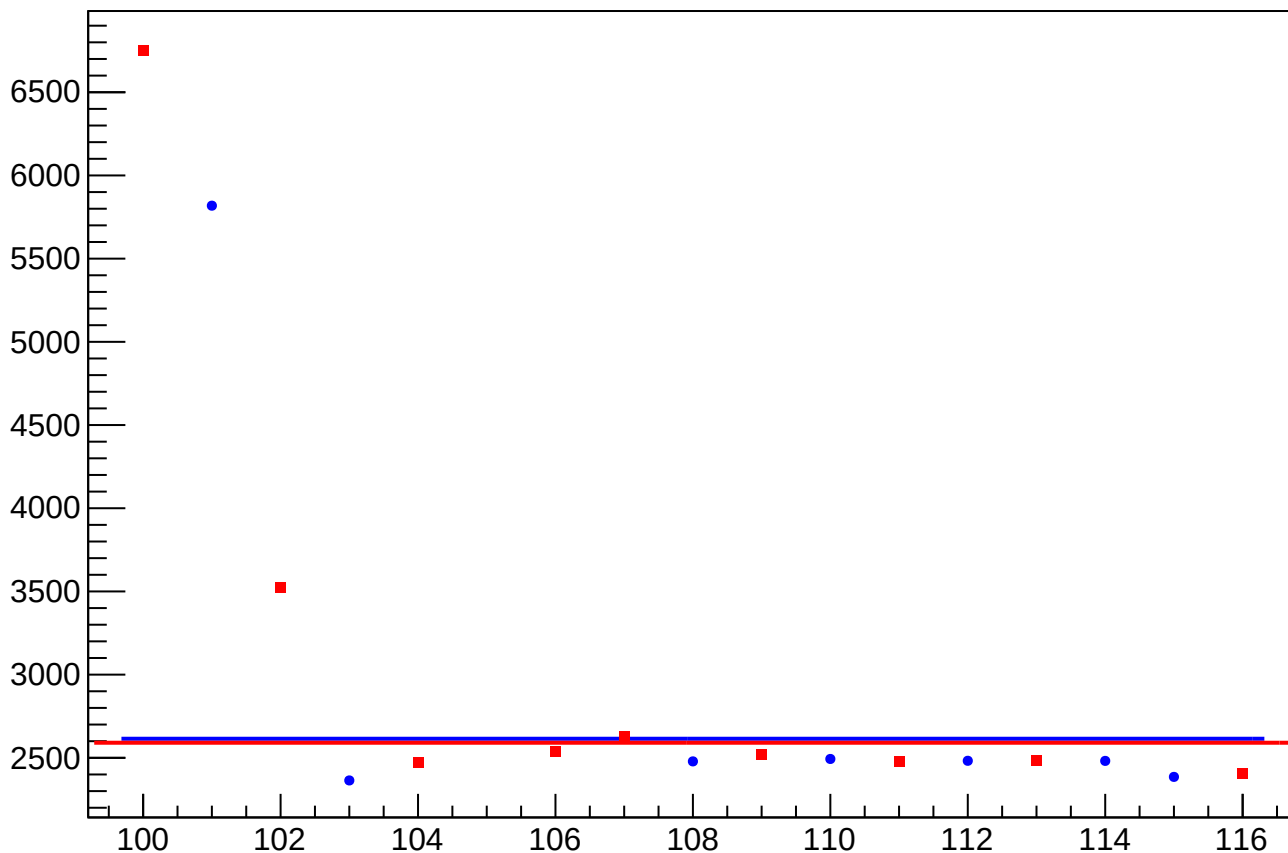
Right: 2828.831+/-1073.890 χ^2/NDF : 13.3/15

In: 3276.830+/-1629.069 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2828.831+/-1073.890 χ^2/NDF : 13.3/15

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2614.704+/-1.152 χ^2/NDF : 421380.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.712+/-1.010 χ^2/NDF : 131425.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

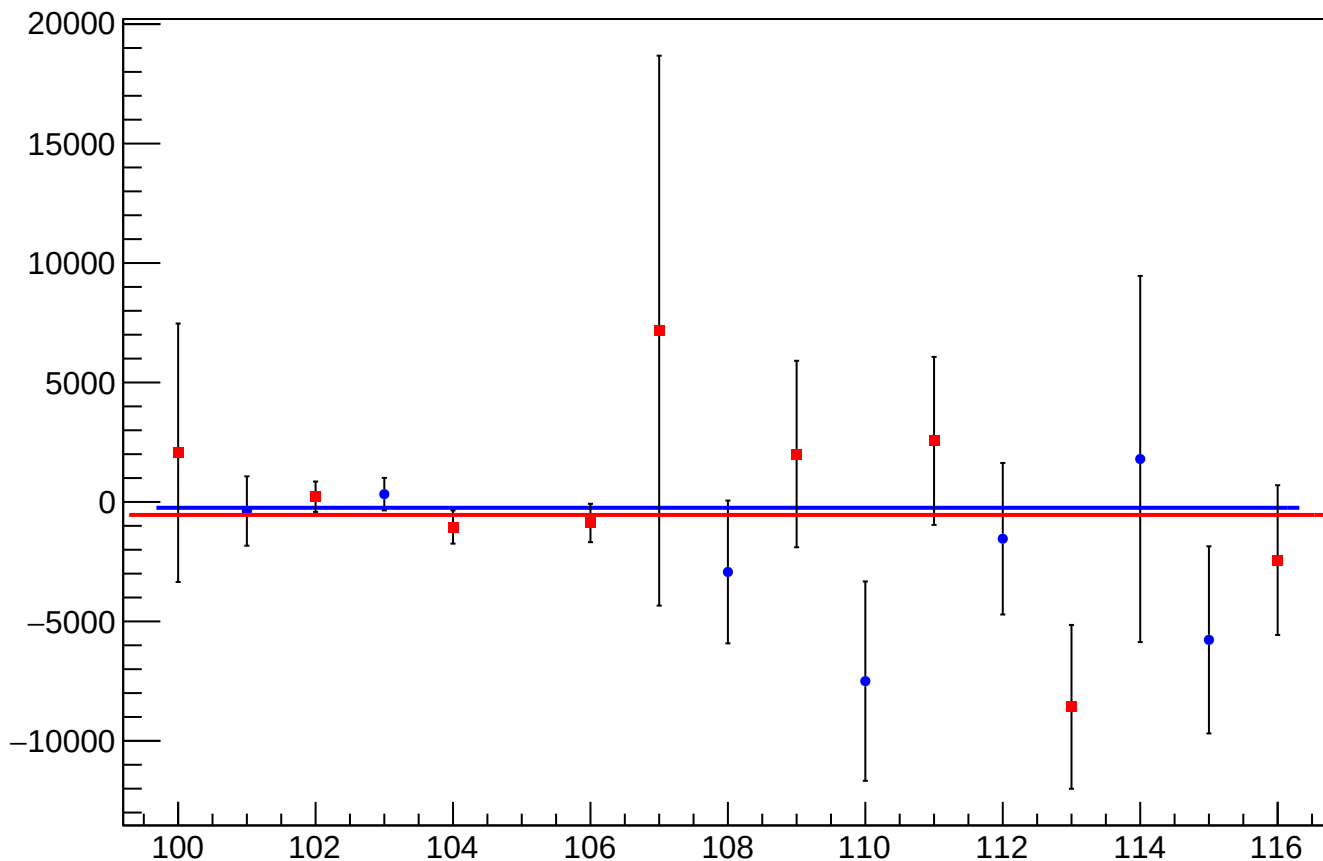
Right: 2601.138+/-0.759 χ^2/NDF : 553051.5/15

In: 2614.704+/-1.152 χ^2/NDF : 421380.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.138+/-0.759 χ^2/NDF : 553051.5/15

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -244.085+/-578.141 χ^2 /NDF: 6.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -543.009+/-393.236 χ^2 /NDF: 9.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

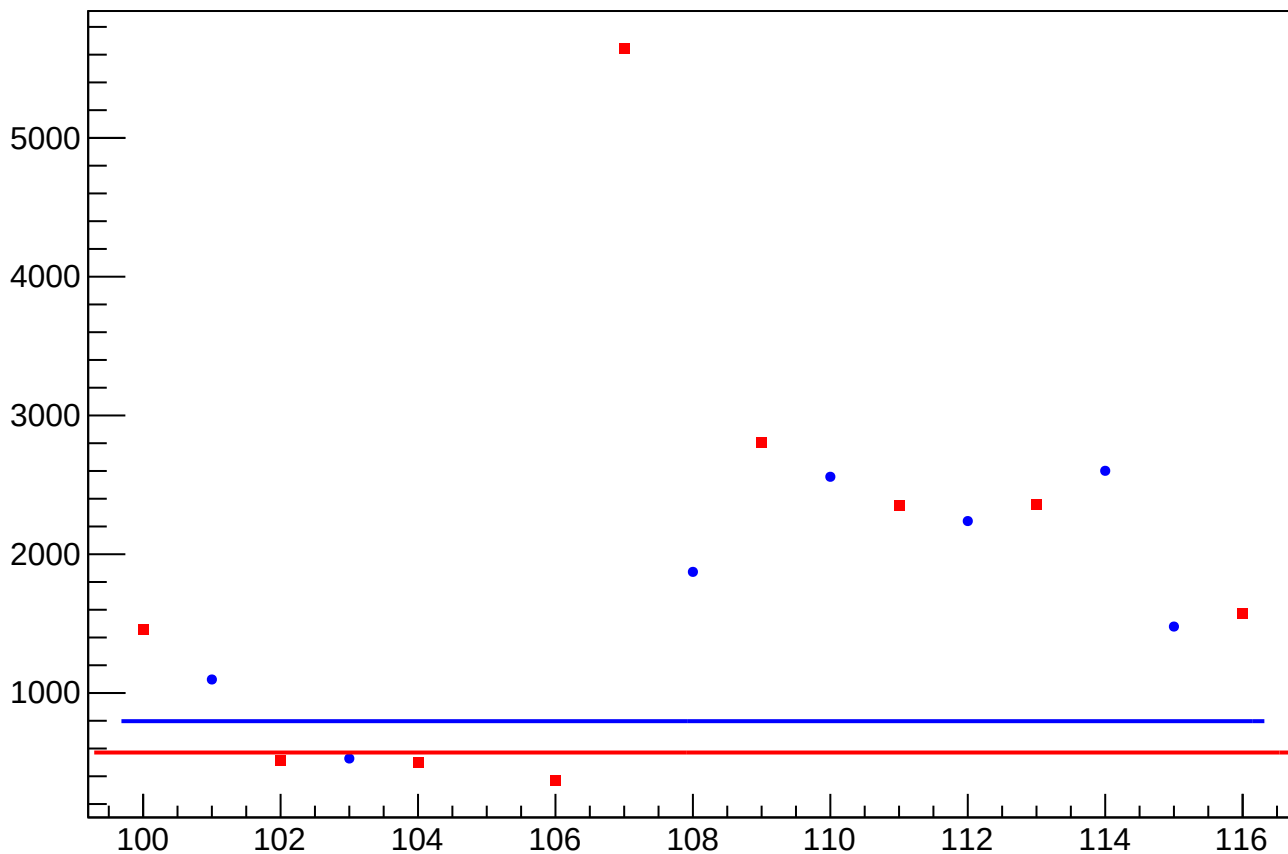
Right: -448.458+/-325.151 χ^2 /NDF: 16.8/15

In: -244.085+/-578.141 χ^2 /NDF:6.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -448.458+/-325.151 χ^2 /NDF: 16.8/15

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 797.082+/-0.409 χ^2/NDF : 1599357.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.212+/-0.278 χ^2/NDF : 2524742.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

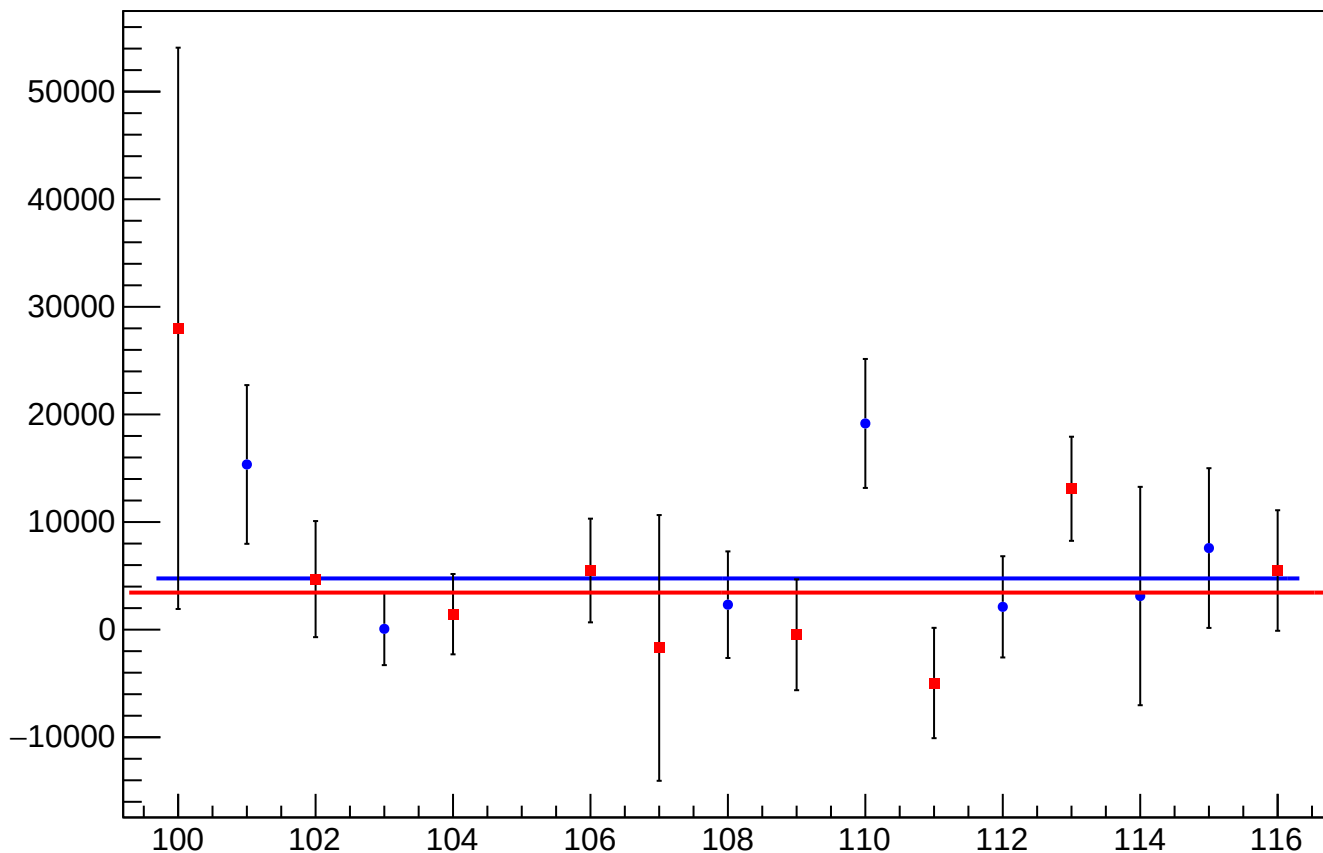
Right: 642.655+/-0.230 χ^2/NDF : 4332811.5/15

In: 797.082+/-0.409 χ^2/NDF : 1599357.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.655+/-0.230 χ^2/NDF : 4332811.5/15

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4759.518+/-2007.886 χ^2/NDF : 10.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3444.302+/-1803.259 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

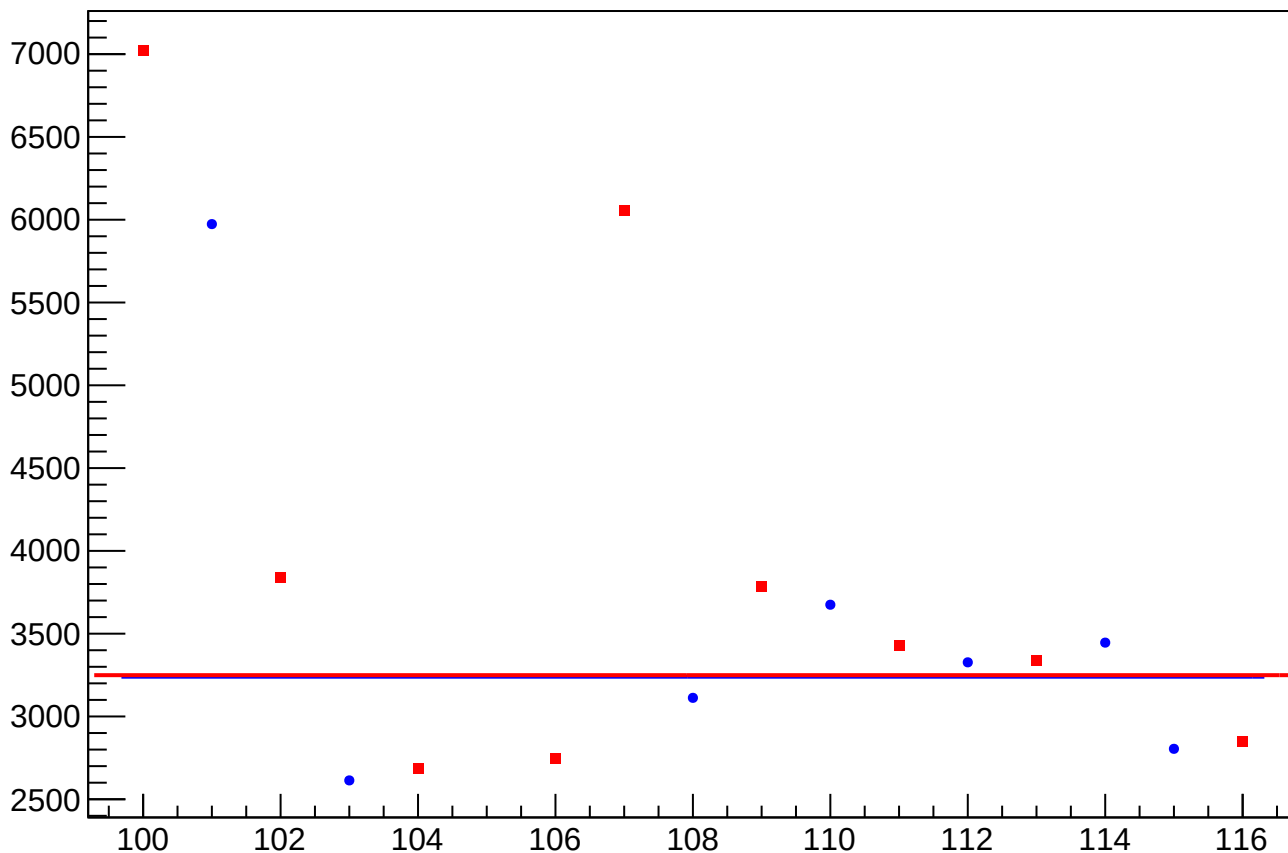
Right: 4031.497+/-1341.626 χ^2/NDF : 19.7/15

In: 4759.518+/-2007.886 χ^2/NDF : 10.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4031.497+/-1341.626 χ^2/NDF : 19.7/15

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3240.316+/-1.420 χ^2/NDF : 363955.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3249.404+/-1.275 χ^2/NDF : 270722.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

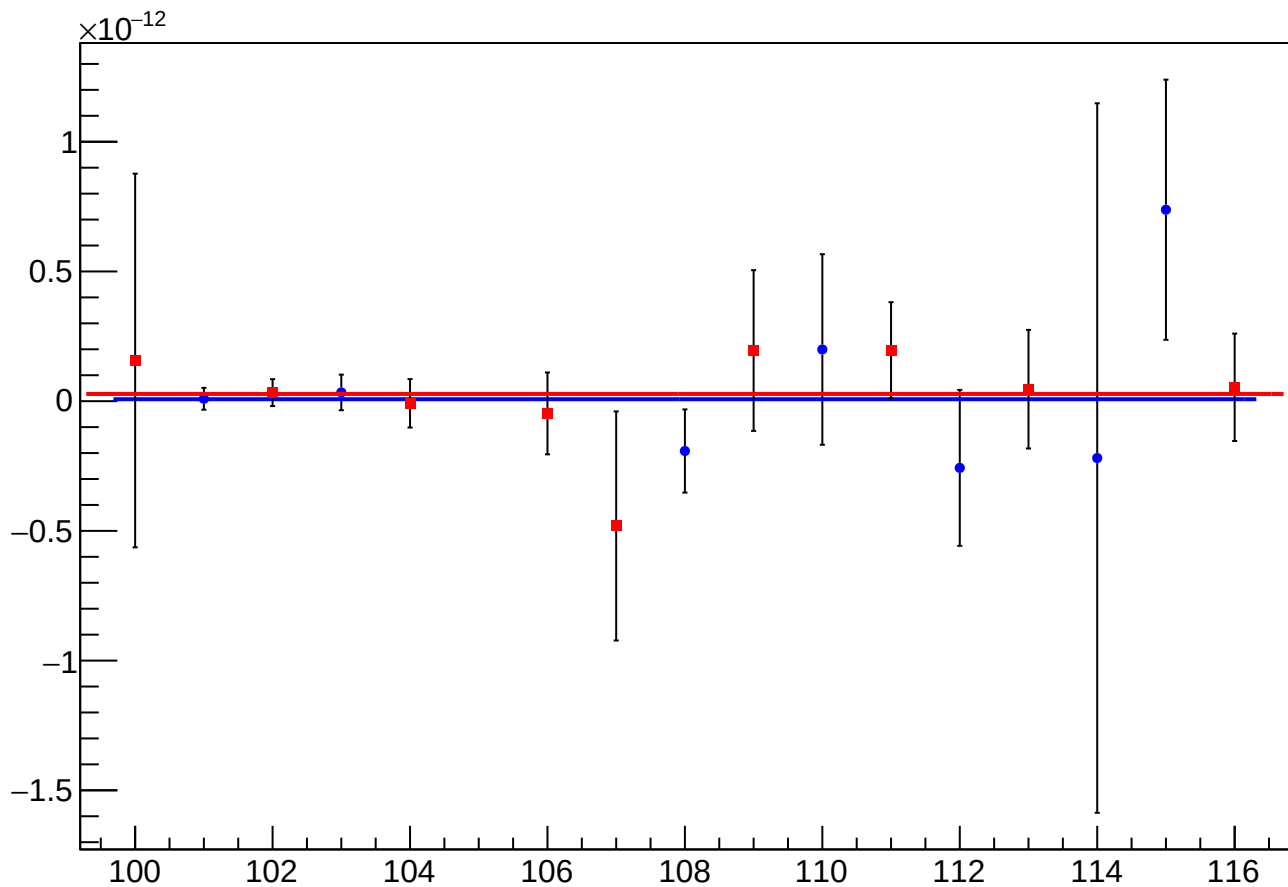
Right: 3245.347+/-0.949 χ^2/NDF : 634700.1/15

In: 3240.316+/-1.420 χ^2/NDF : 363955.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3245.347+/-0.949 χ^2/NDF : 634700.1/15

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

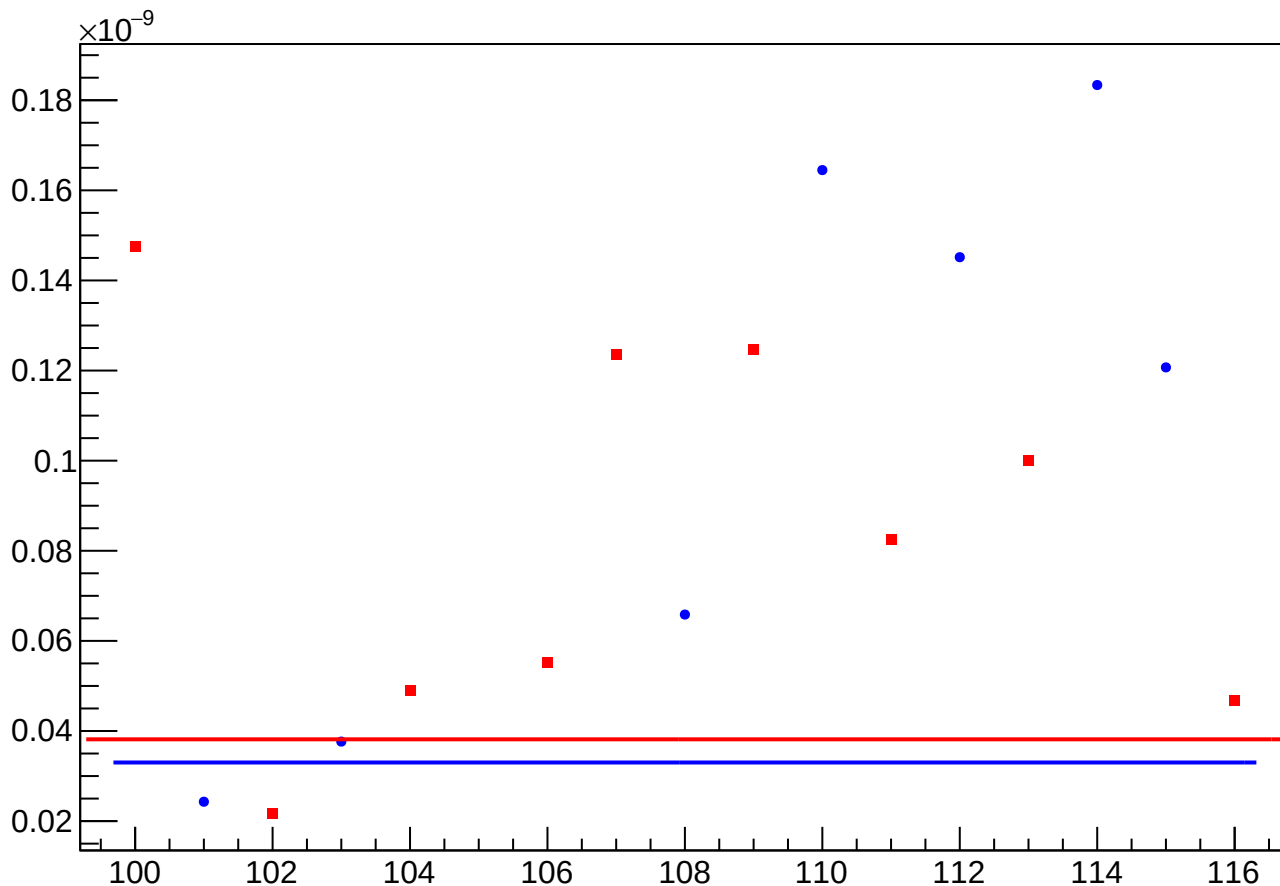
Right: 0.000+/-0.000 χ^2/NDF : 7.9/15

In: 0.000+/-0.000 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.9/15

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 798568.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 793134.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

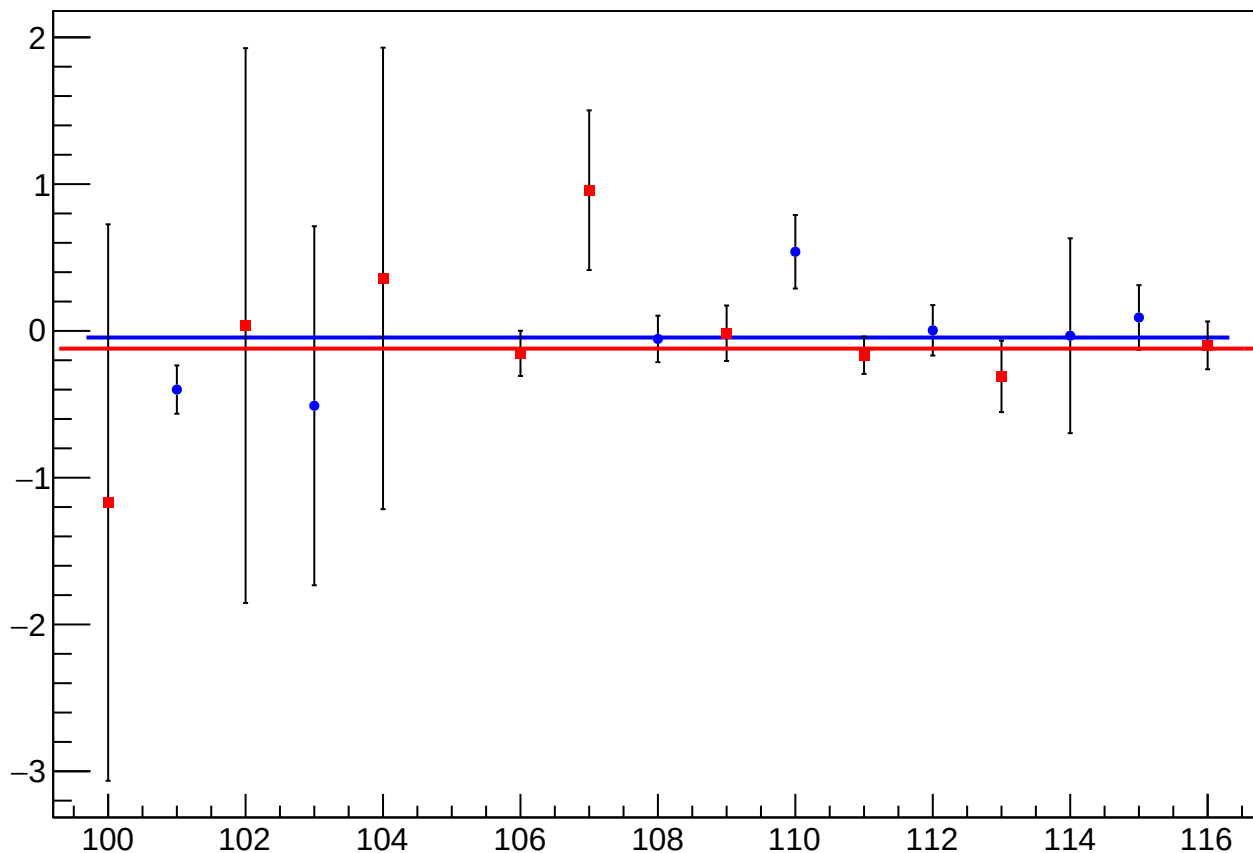
Right: 0.000+/-0.000 χ^2/NDF : 1610488.6/15

In: 0.000+/-0.000 χ^2/NDF : 798568.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1610488.6/15

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045+/-0.082 χ^2/NDF : 10.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.121+/-0.072 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

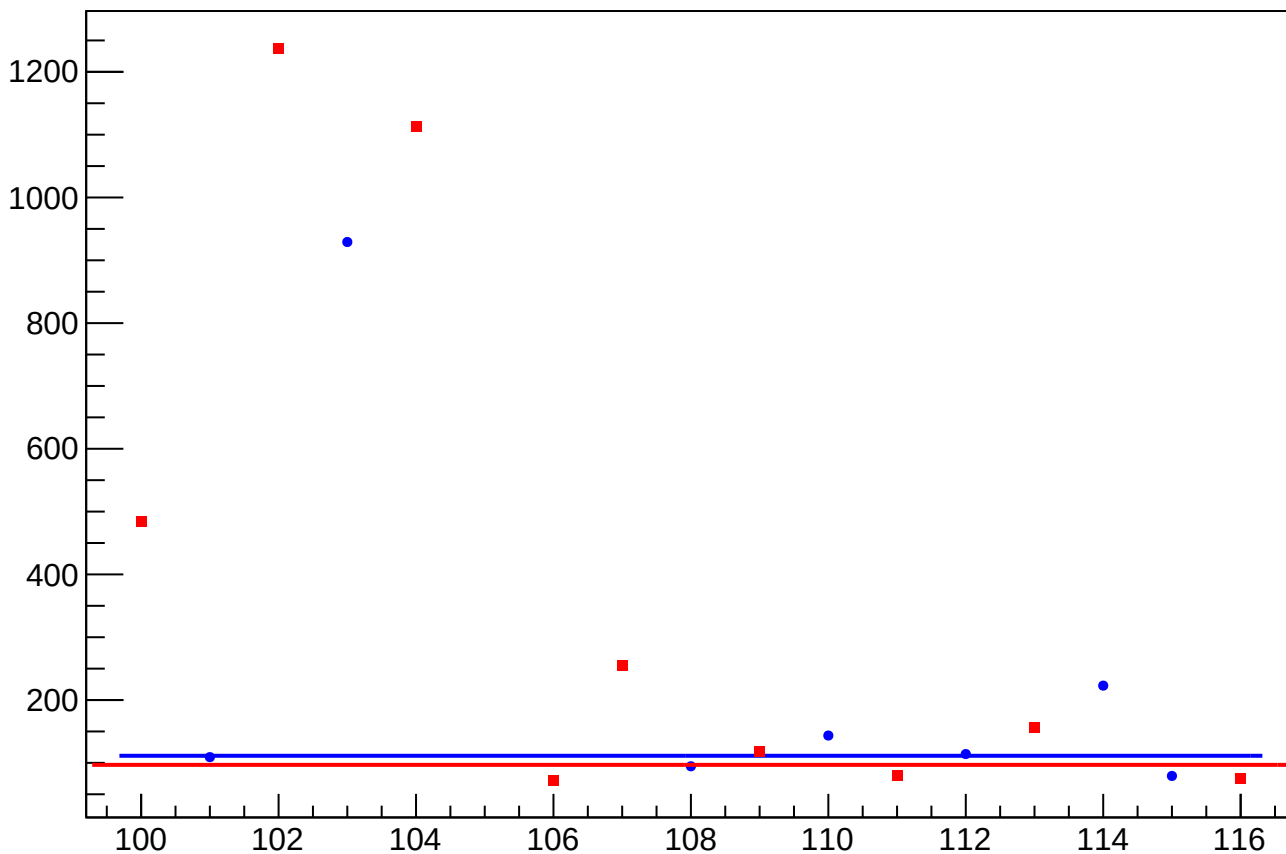
Right: -0.087+/-0.054 χ^2/NDF : 16.6/15

In: -0.045+/-0.082 χ^2/NDF :10.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.087+/-0.054 χ^2/NDF : 16.6/15

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.285+/-0.058 χ^2/NDF : 1049540.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.822+/-0.051 χ^2/NDF : 2092687.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

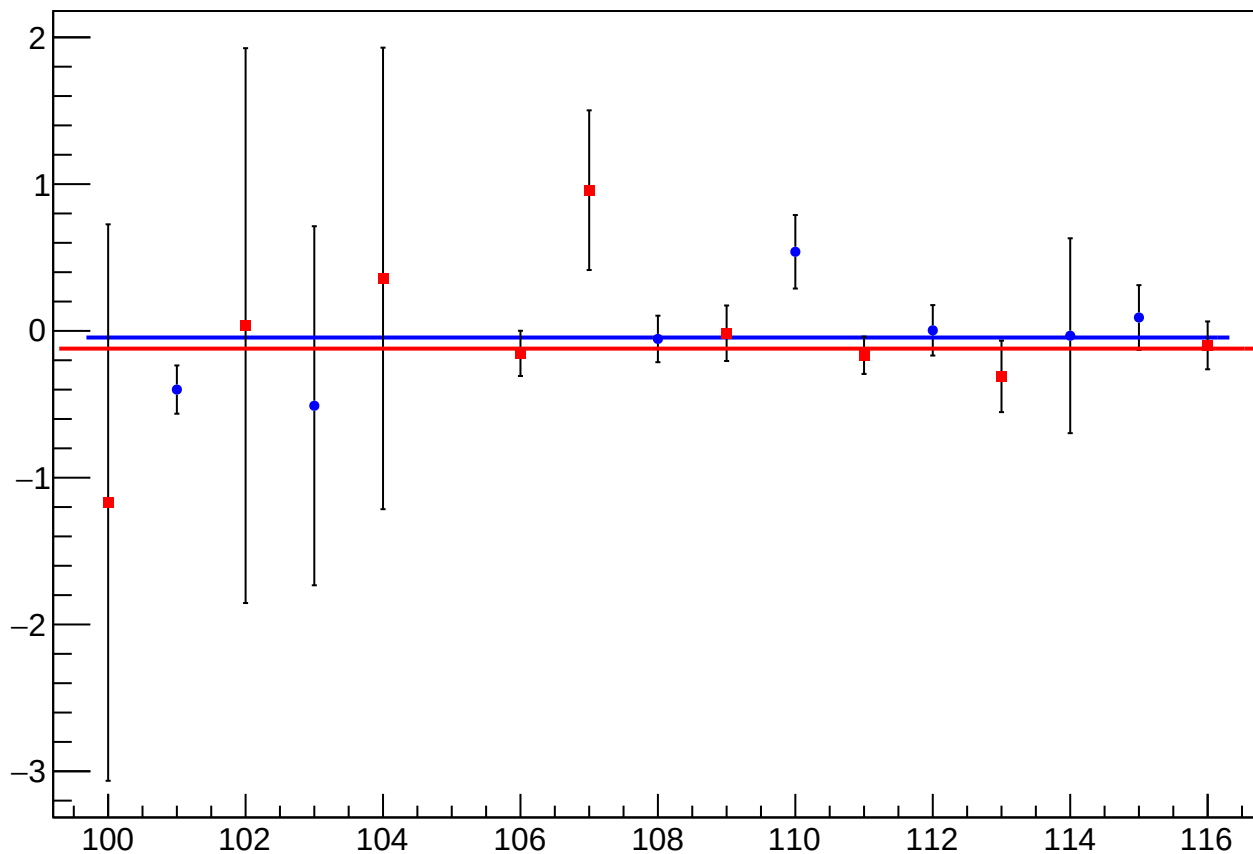
Right: 103.194+/-0.038 χ^2/NDF : 3177373.9/15

In: 111.285+/-0.058 χ^2/NDF : 1049540.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.194+/-0.038 χ^2/NDF : 3177373.9/15

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.082 χ^2/NDF : 10.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.121 ± 0.072 χ^2/NDF : 5.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

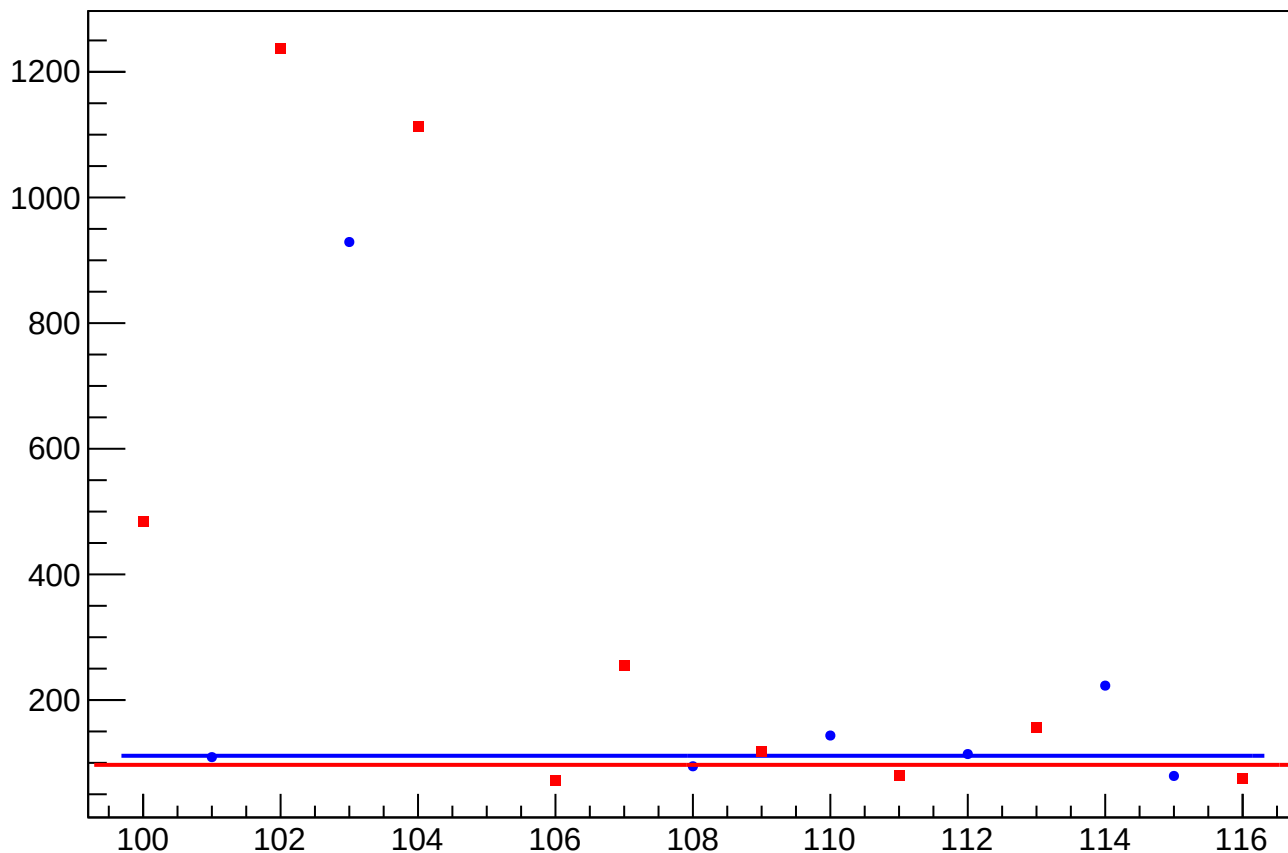
Right: -0.087 ± 0.054 χ^2/NDF : 16.6/15

In: -0.045 ± 0.082 χ^2/NDF : 10.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.054 χ^2/NDF : 16.6/15

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.285+/-0.058 χ^2/NDF : 1049540.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.822+/-0.051 χ^2/NDF : 2092687.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

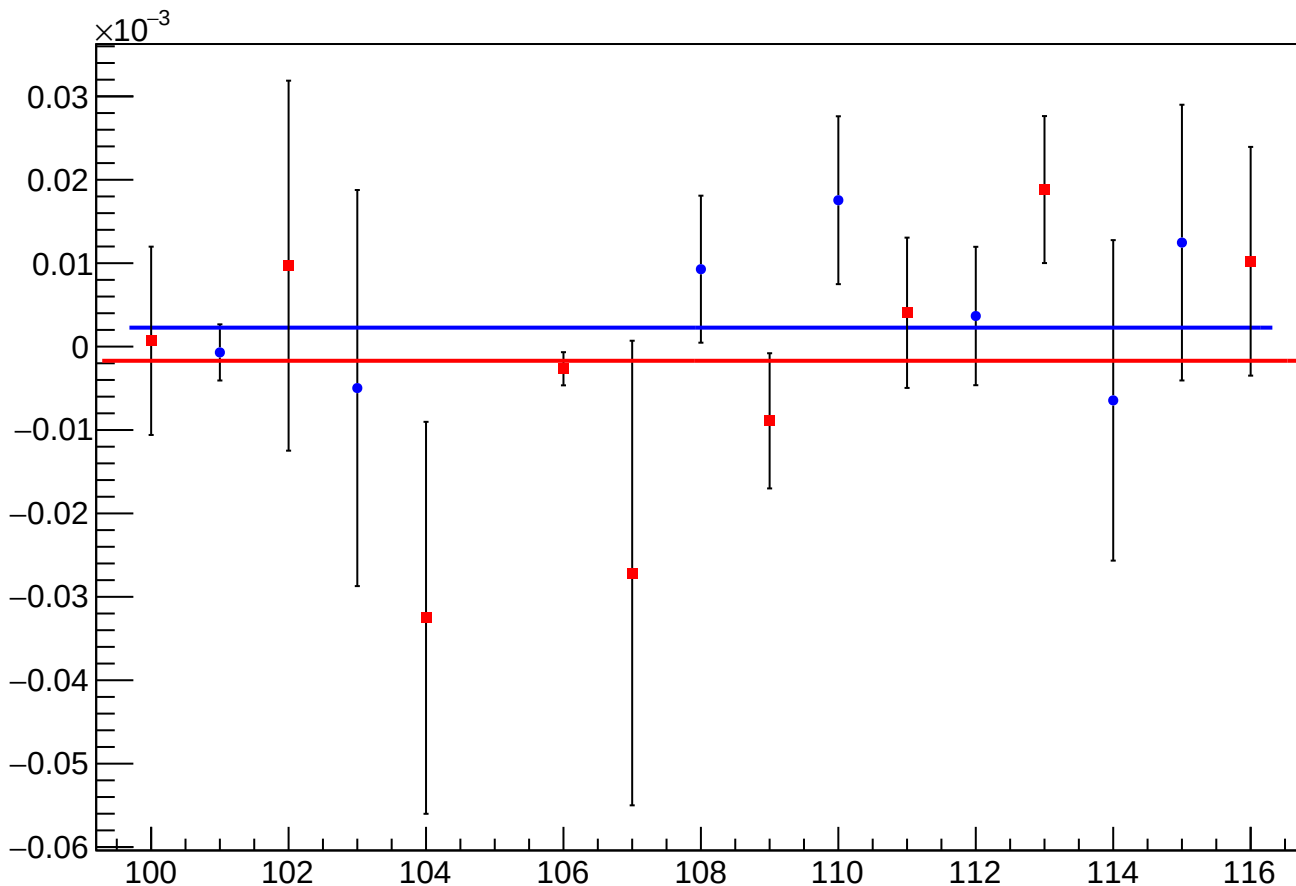
Right: 103.194+/-0.038 χ^2/NDF : 3177373.9/15

In: 111.285+/-0.058 χ^2/NDF : 1049540.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.194+/-0.038 χ^2/NDF : 3177373.9/15

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 : 4.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 10.5/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

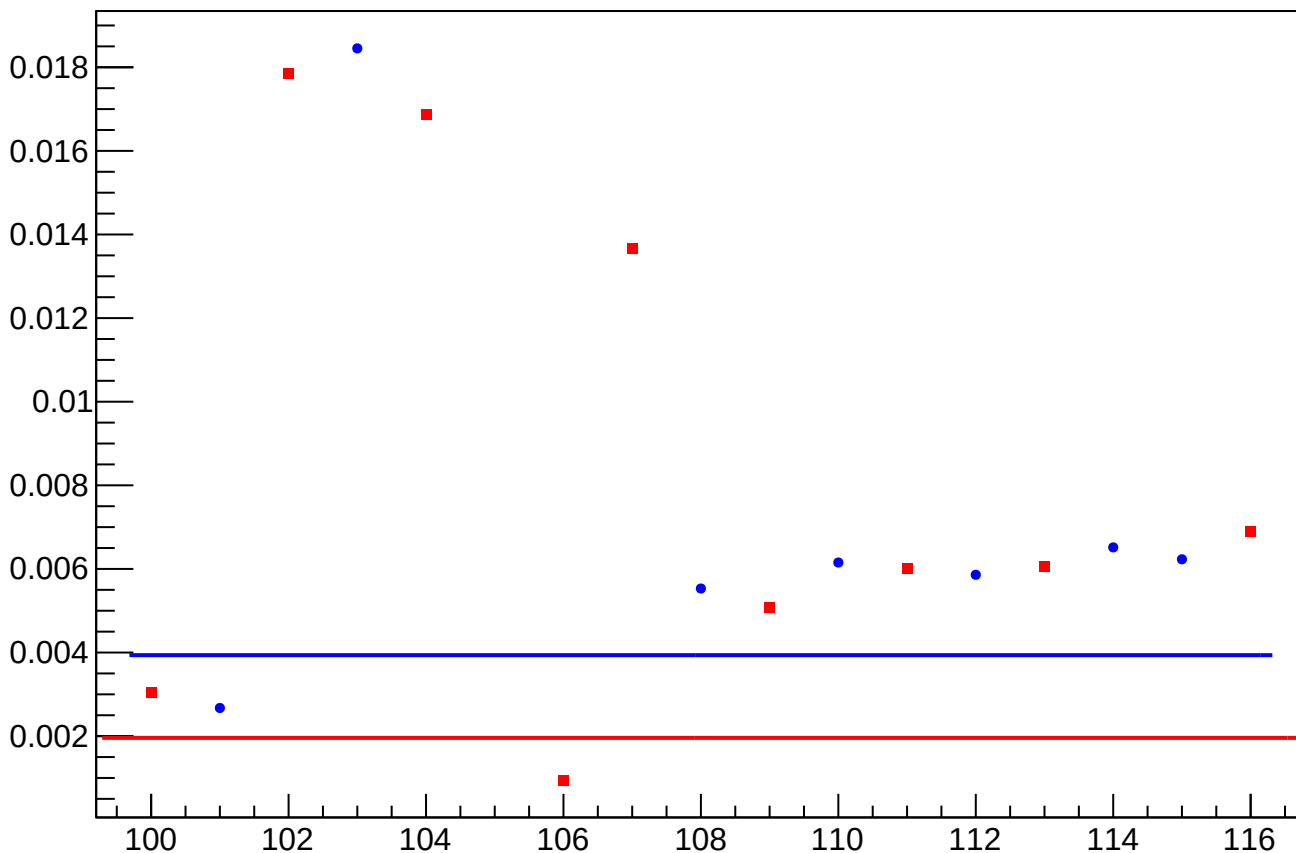
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 16.4/15

In: 0.000 $\pm$ 0.000 χ^2/NDF : 4.4/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 16.4/15

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 : 1373411.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4135625.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

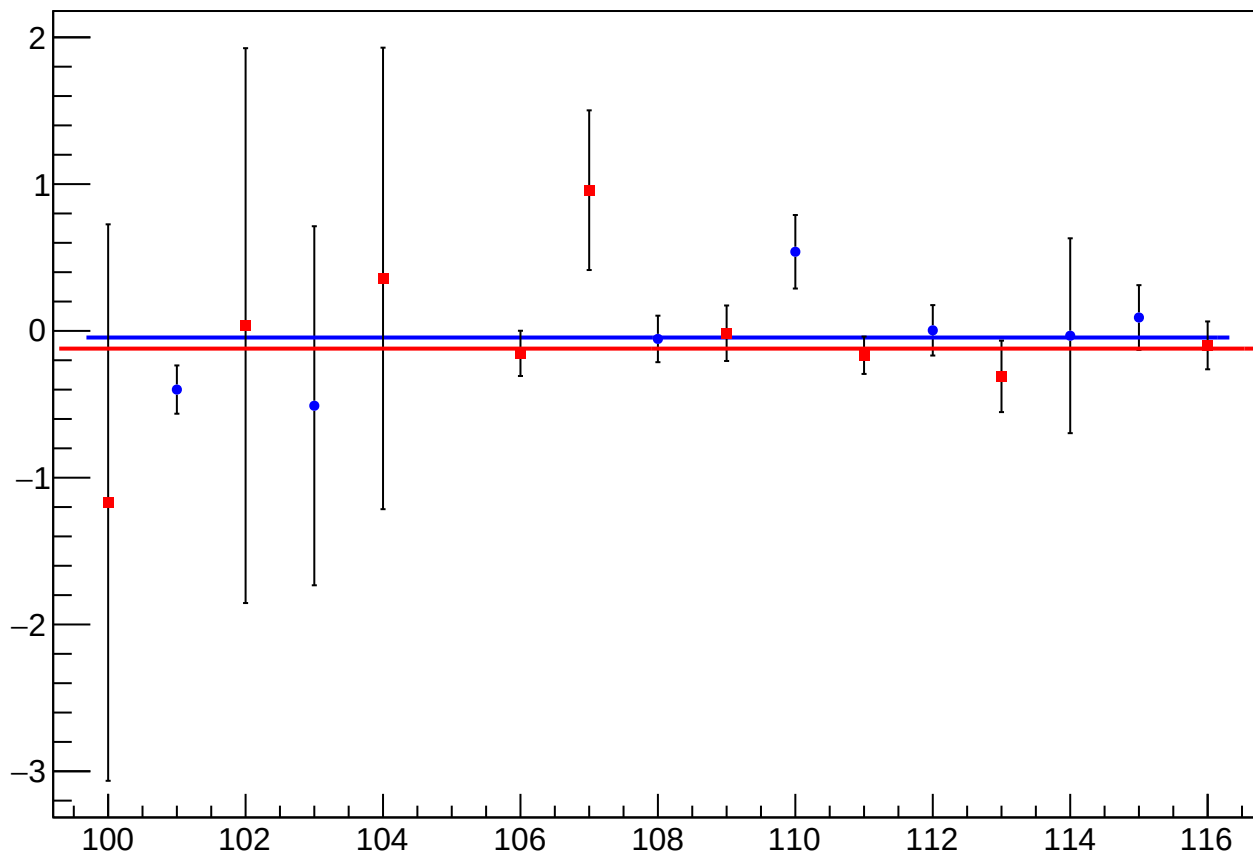
Right: 0.003+/-0.000 χ^2/NDF : 6241272.5/15

In: 0.004+/-0.000 χ^2/NDF :1373411.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6241272.5/15

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 $\pm$ 0.082 χ^2 /NDF: 10.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.121 $\pm$ 0.072 χ^2 /NDF: 5.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

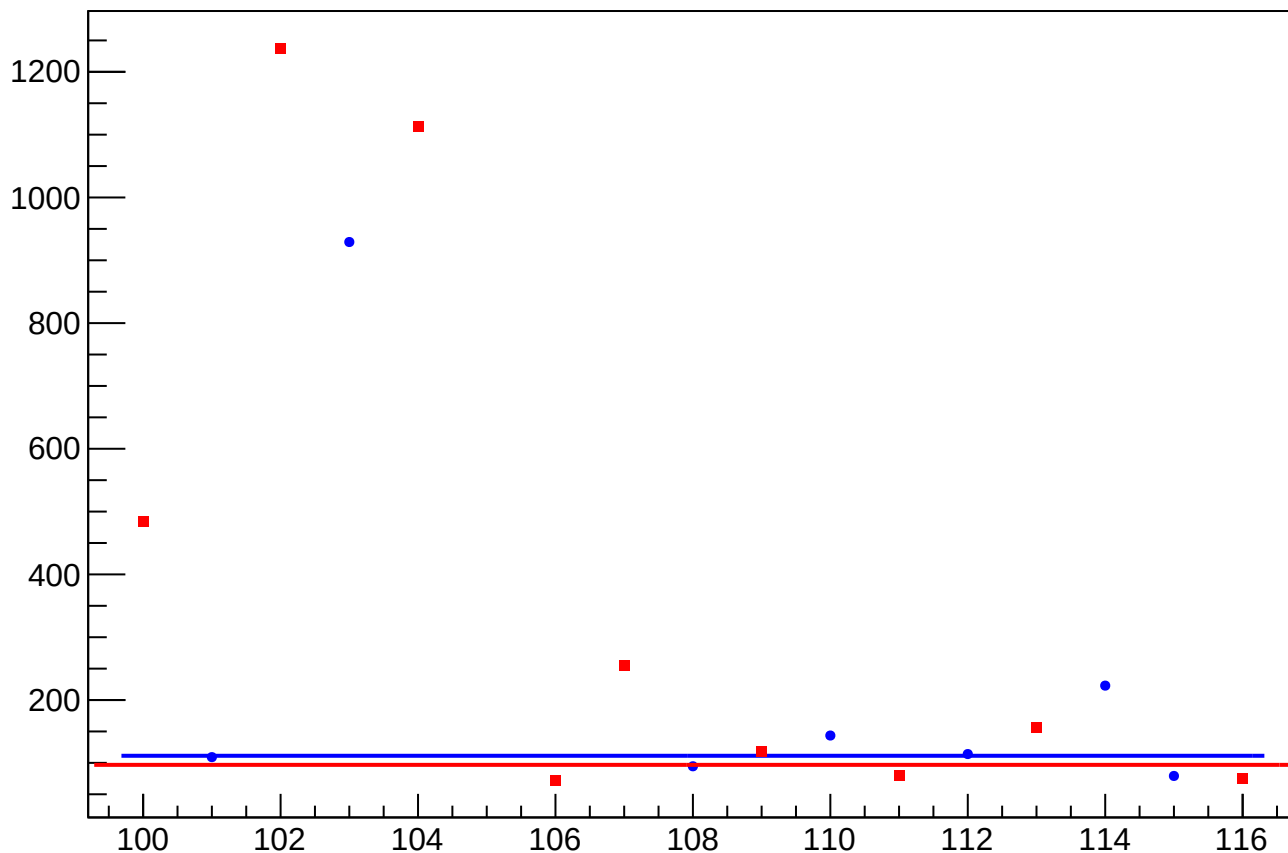
Right: -0.087 $\pm$ 0.054 χ^2 /NDF: 16.6/15

In: -0.045 $\pm$ 0.082 χ^2 /NDF:10.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.087 $\pm$ 0.054 χ^2 /NDF: 16.6/15

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.285+/-0.058 χ^2/NDF : 1049537.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.821+/-0.051 χ^2/NDF : 2092662.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

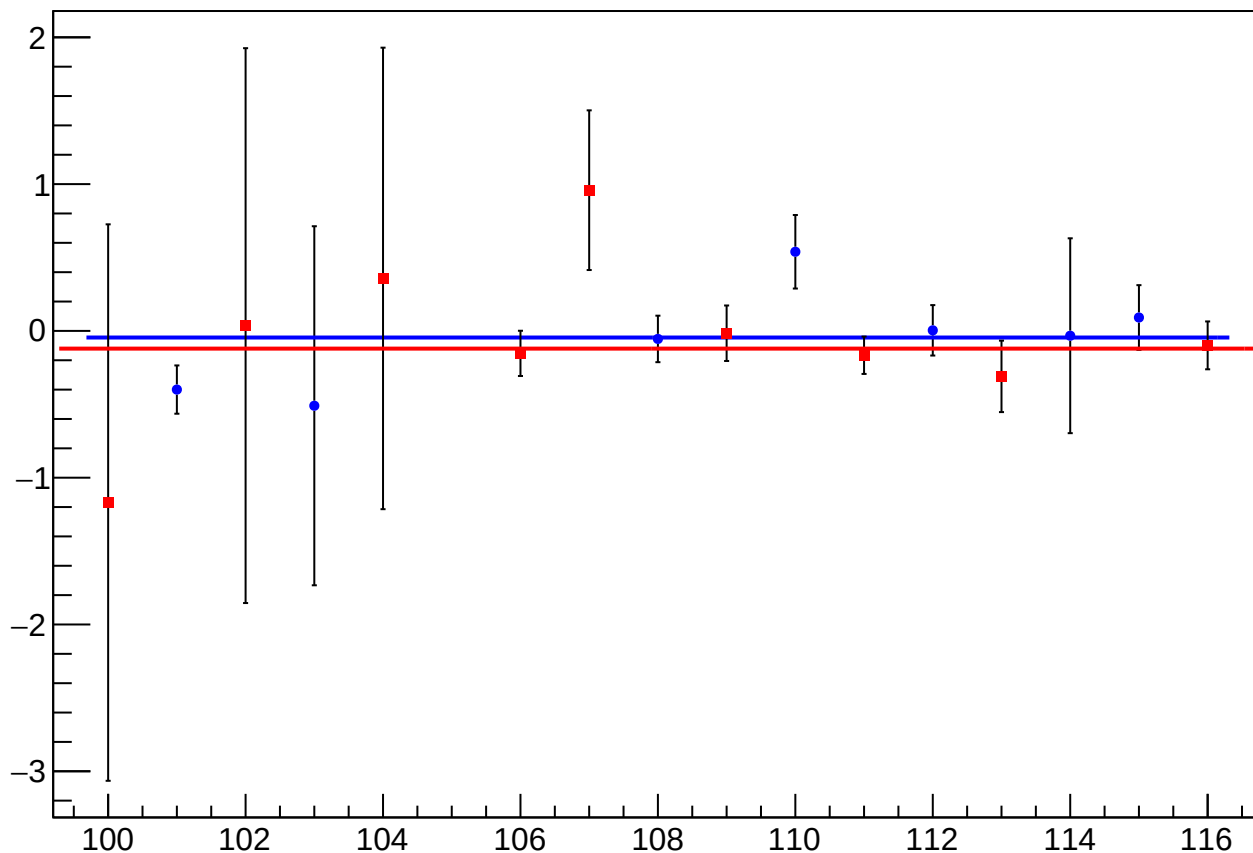
Right: 103.193+/-0.038 χ^2/NDF : 3177350.1/15

In: 111.285+/-0.058 χ^2/NDF : 1049537.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.193+/-0.038 χ^2/NDF : 3177350.1/15

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045+/-0.082 χ^2/NDF : 10.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.121+/-0.072 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

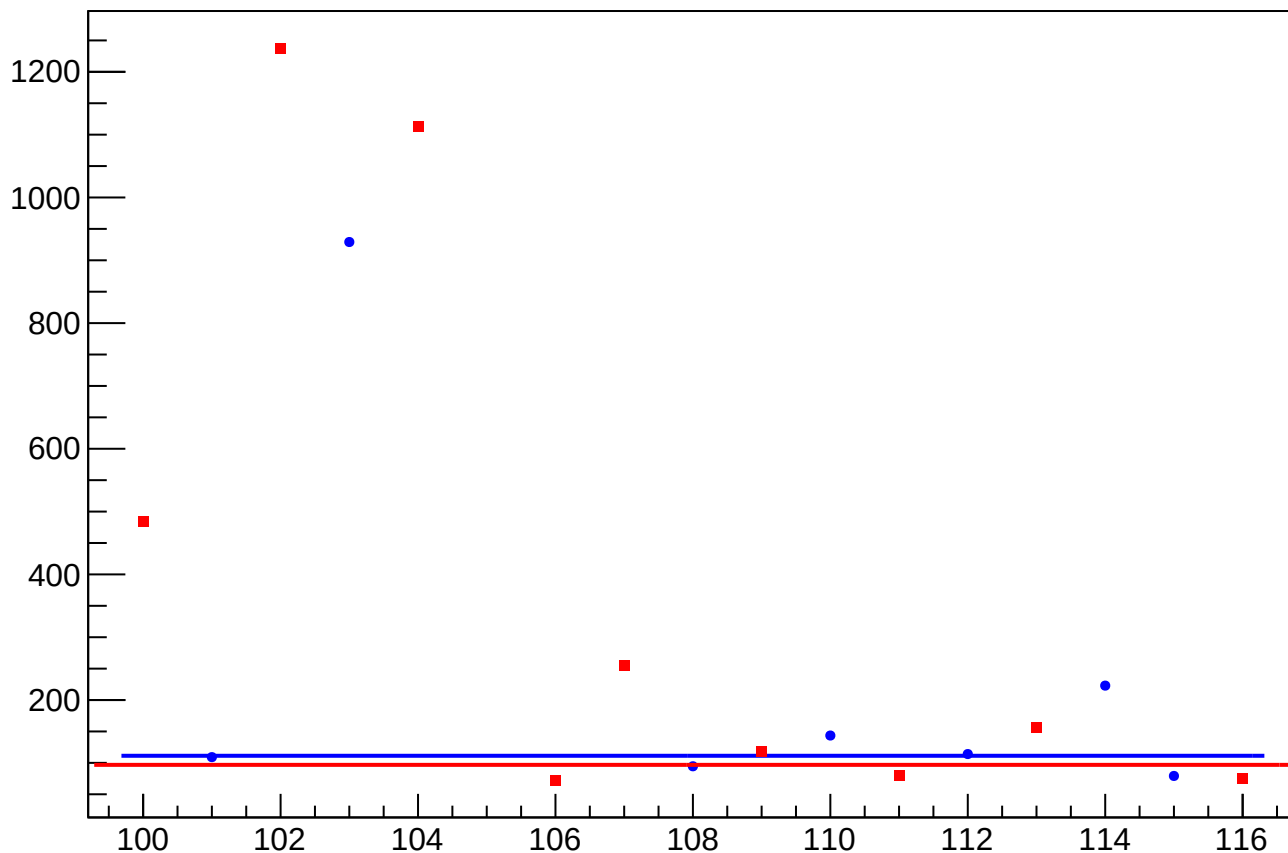
Right: -0.087+/-0.054 χ^2/NDF : 16.6/15

In: -0.045+/-0.082 χ^2/NDF :10.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.087+/-0.054 χ^2/NDF : 16.6/15

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.285+/-0.058 χ^2/NDF : 1049537.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.821+/-0.051 χ^2/NDF : 2092662.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

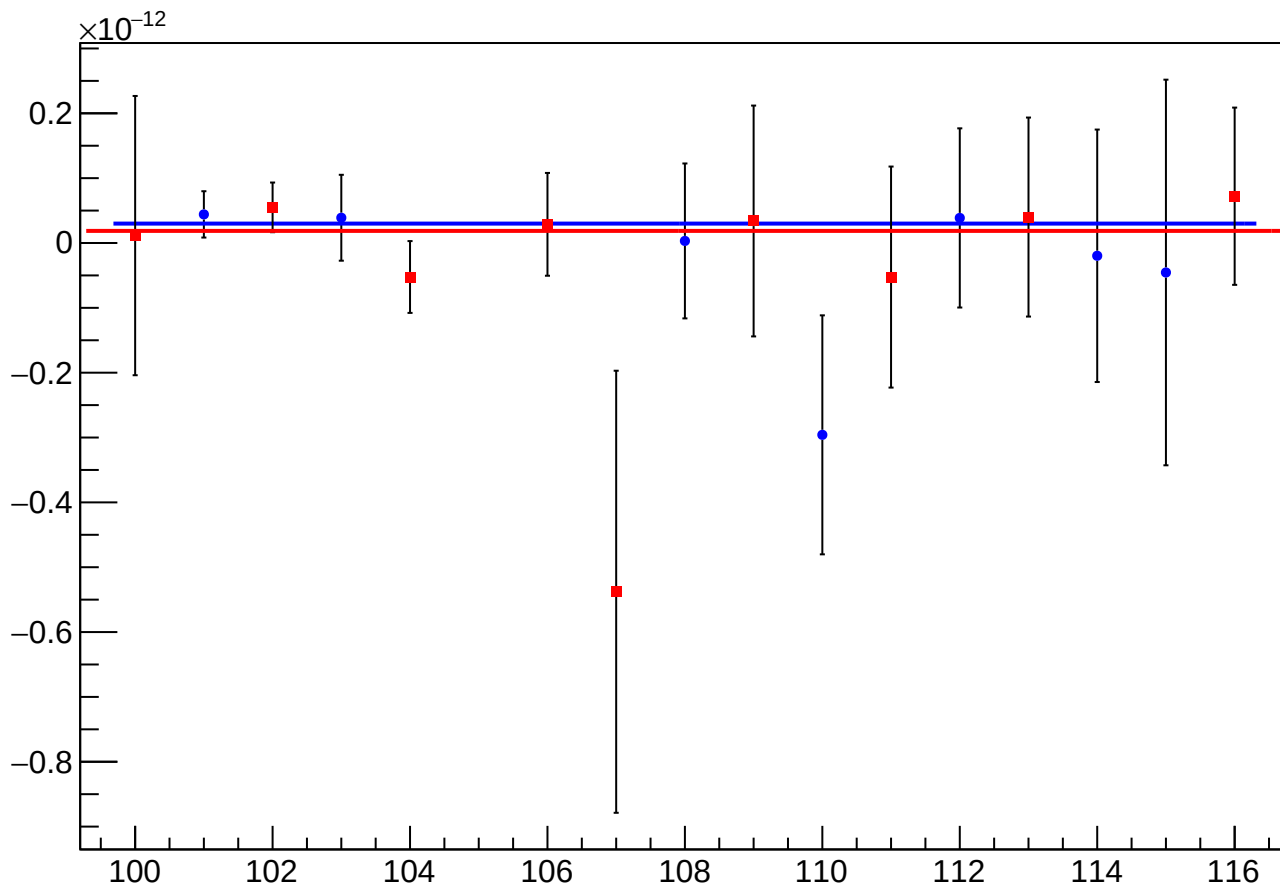
Right: 103.193+/-0.038 χ^2/NDF : 3177350.1/15

In: 111.285+/-0.058 χ^2/NDF : 1049537.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.193+/-0.038 χ^2/NDF : 3177350.1/15

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

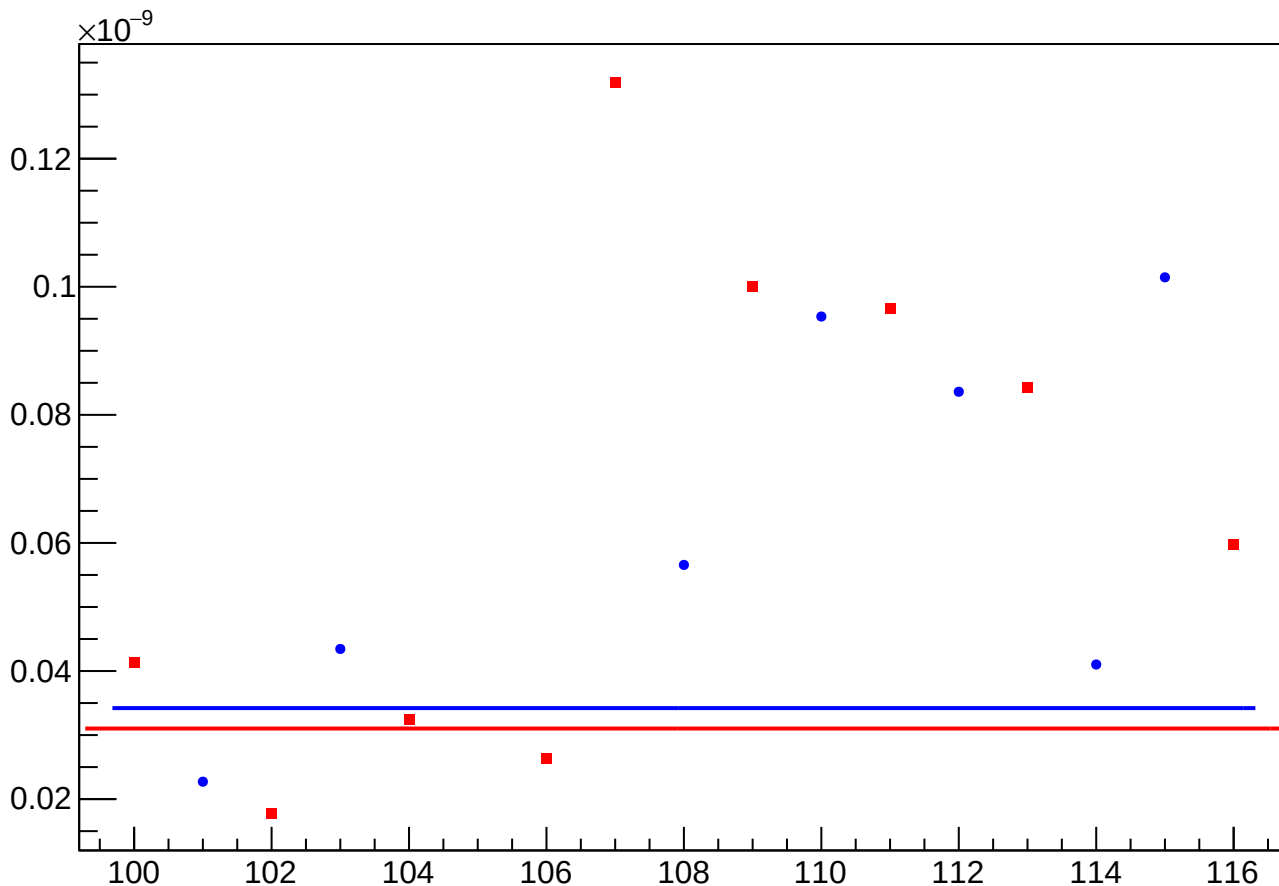
Right: 0.000+/-0.000 χ^2/NDF : 9.1/15

In: 0.000+/-0.000 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/15

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 : 896377.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1354075.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

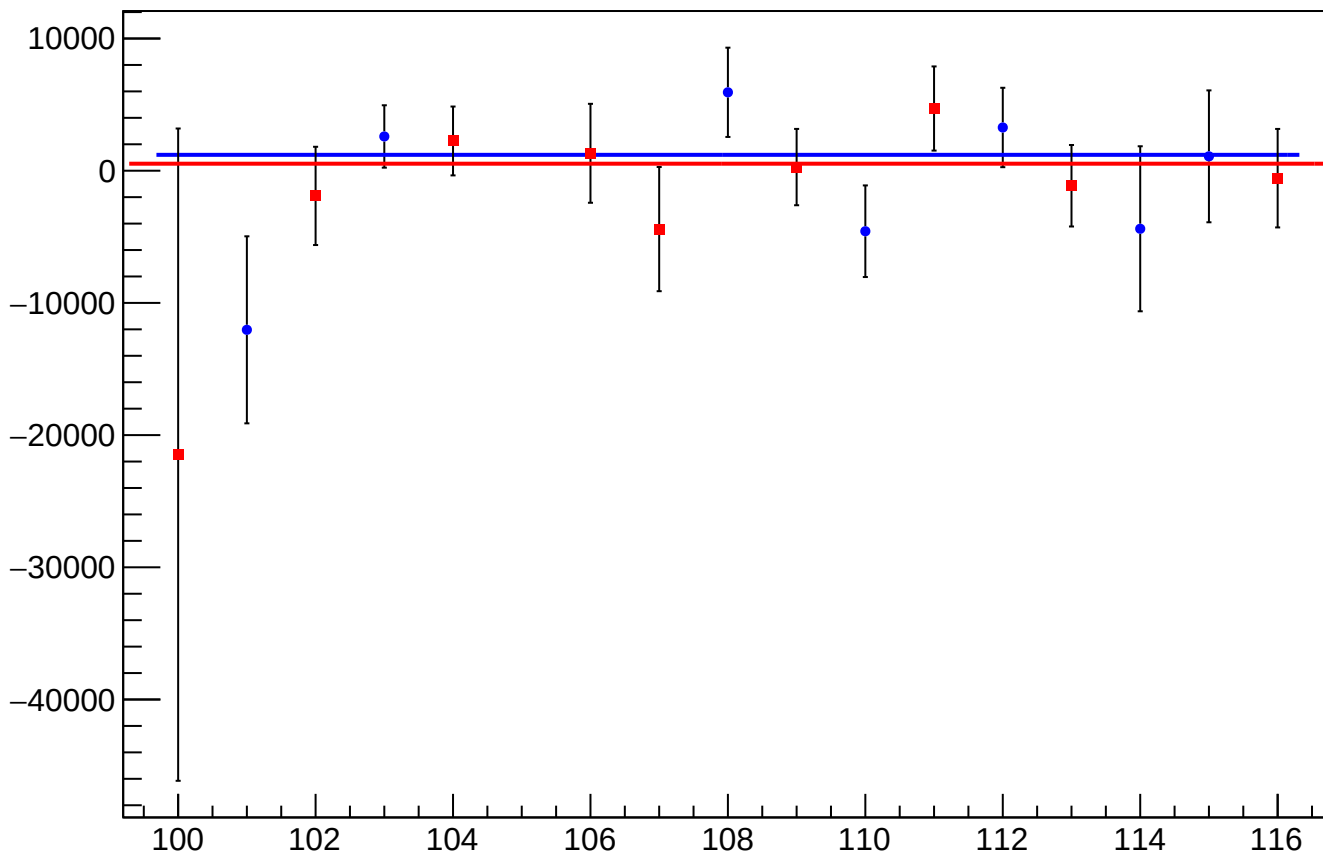
Right: 0.000+/-0.000 χ^2/NDF : 2263400.6/15

In: 0.000+/-0.000 χ^2/NDF : 896377.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2263400.6/15

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1201.160+/-1351.744 χ^2 /NDF: 9.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 530.545+/-1167.040 χ^2 /NDF: 4.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

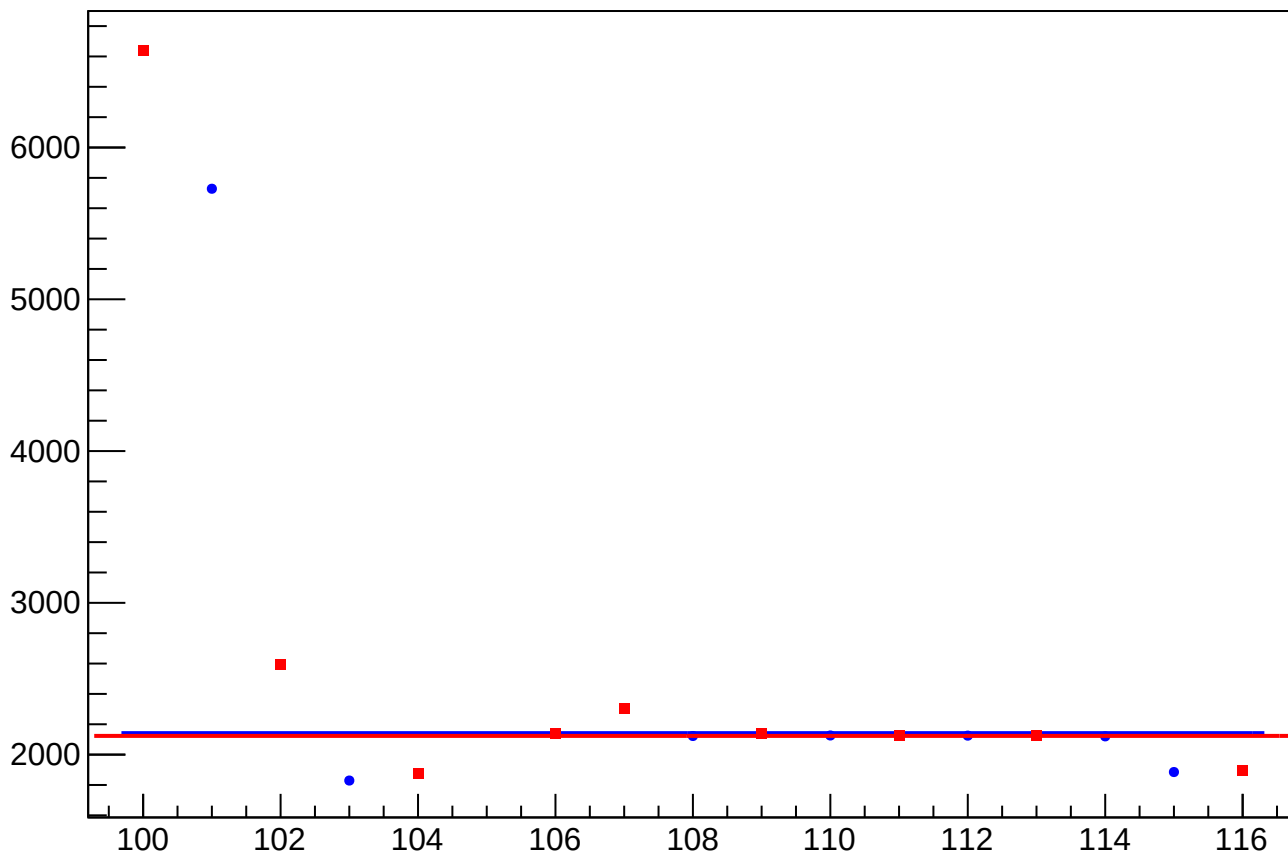
Right: 816.939+/-883.364 χ^2 /NDF: 14.9/15

In: 1201.160+/-1351.744 χ^2 /NDF:9.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 816.939+/-883.364 χ^2 /NDF: 14.9/15

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2141.486+/-0.956 χ^2/NDF : 554680.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2123.328+/-0.825 χ^2/NDF : 128493.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

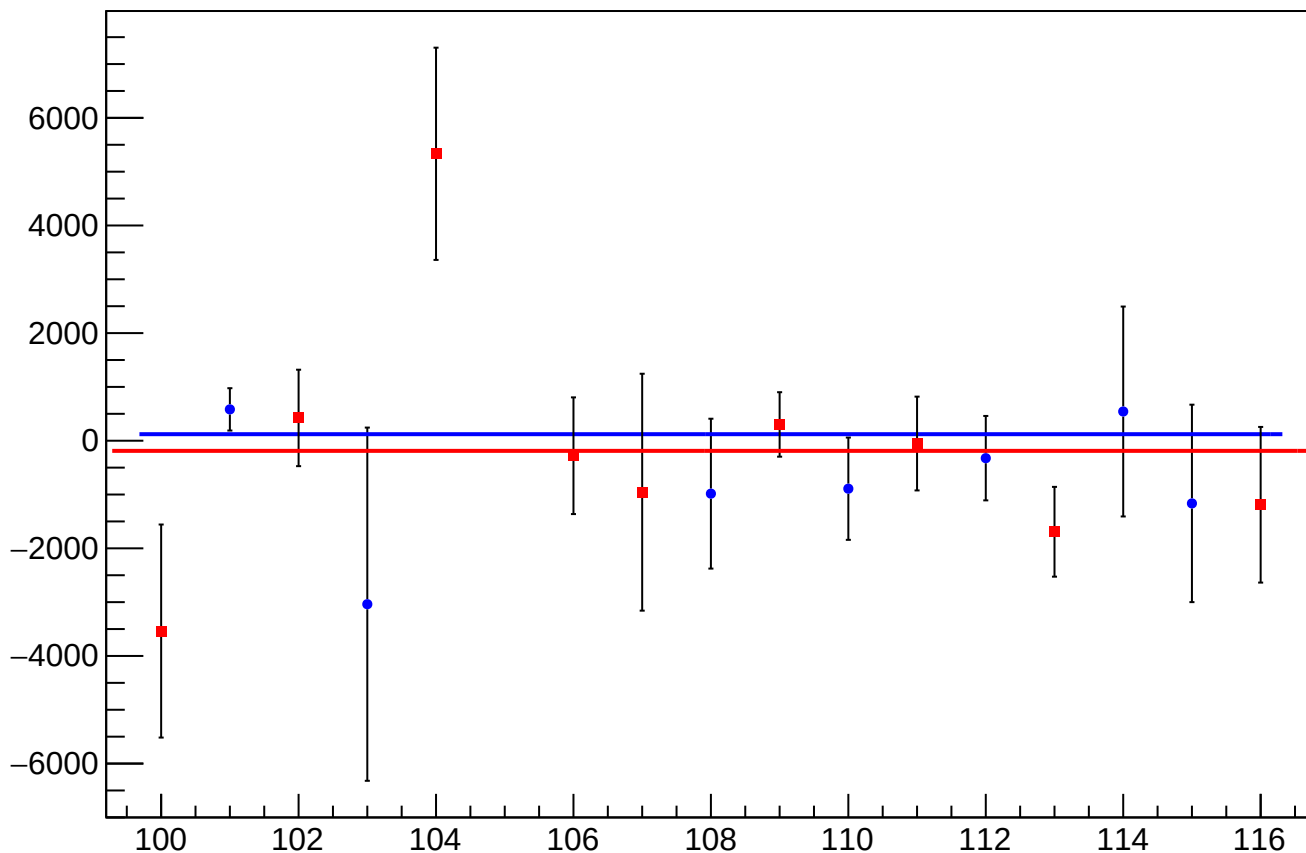
Right: 2131.083+/-0.625 χ^2/NDF : 683380.6/15

In: 2141.486+/-0.956 χ^2/NDF : 554680.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.083+/-0.625 χ^2/NDF : 683380.6/15

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 121.402+/-310.697 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -188.531+/-336.523 χ^2/NDF : 15.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

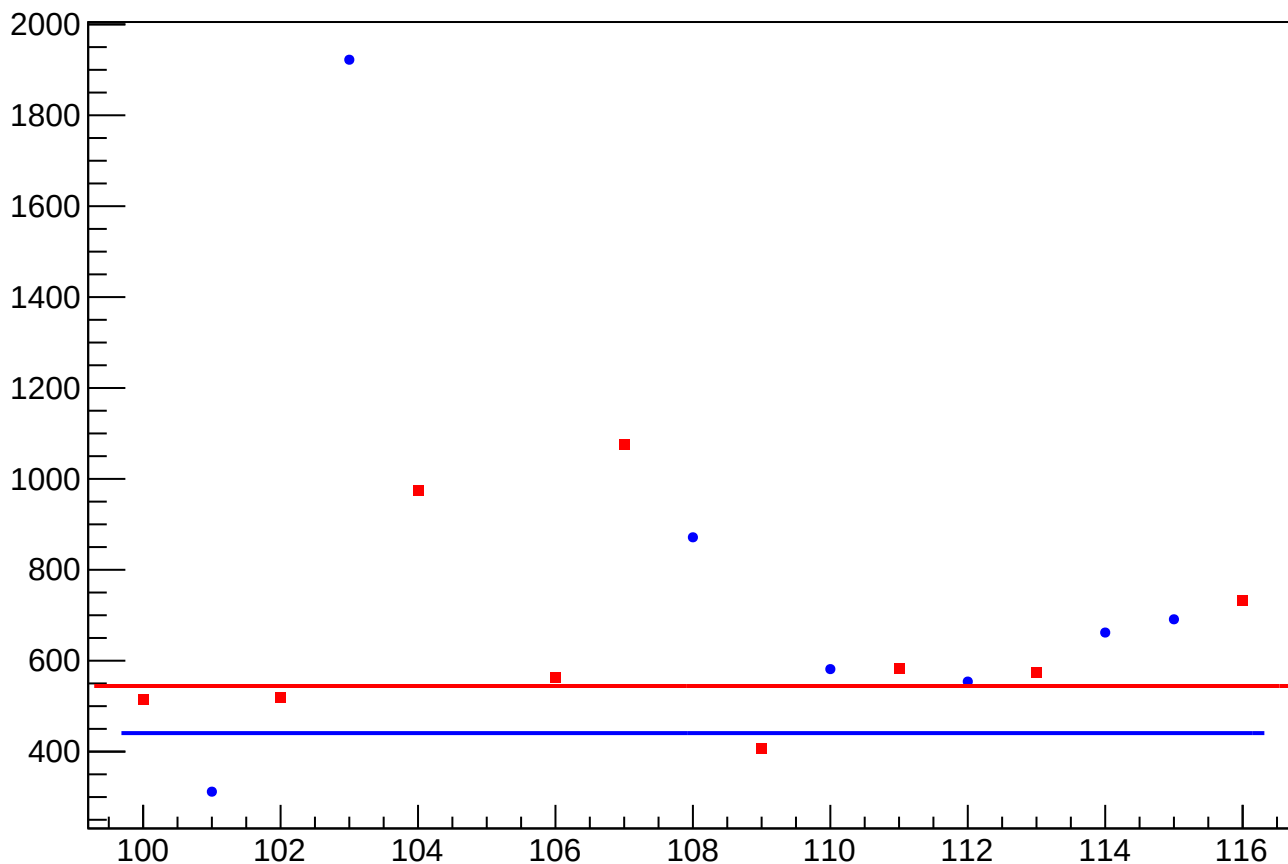
Right: -21.217+/-228.281 χ^2/NDF : 21.1/15

In: 121.402+/-310.697 χ^2/NDF :4.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -21.217+/-228.281 χ^2/NDF : 21.1/15

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 440.702+/-0.220 χ^2/NDF : 962024.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.337+/-0.238 χ^2/NDF : 359534.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

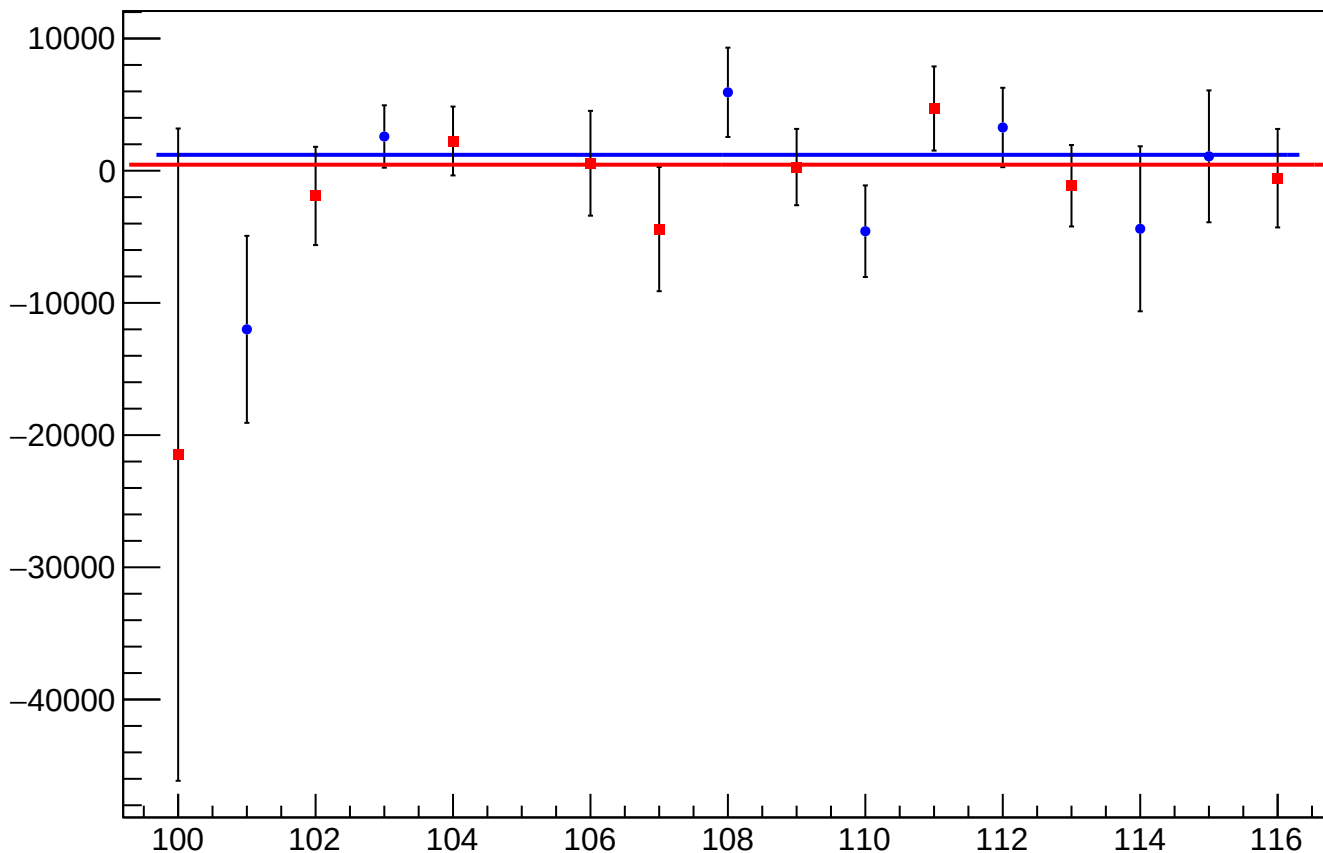
Right: 488.391+/-0.161 χ^2/NDF : 1423952.9/15

In: 440.702+/-0.220 χ^2/NDF : 962024.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.391+/-0.161 χ^2/NDF : 1423952.9/15

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1201.428+/-1351.745 χ^2 /NDF: 9.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 455.465+/-1173.270 χ^2 /NDF: 4.9/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

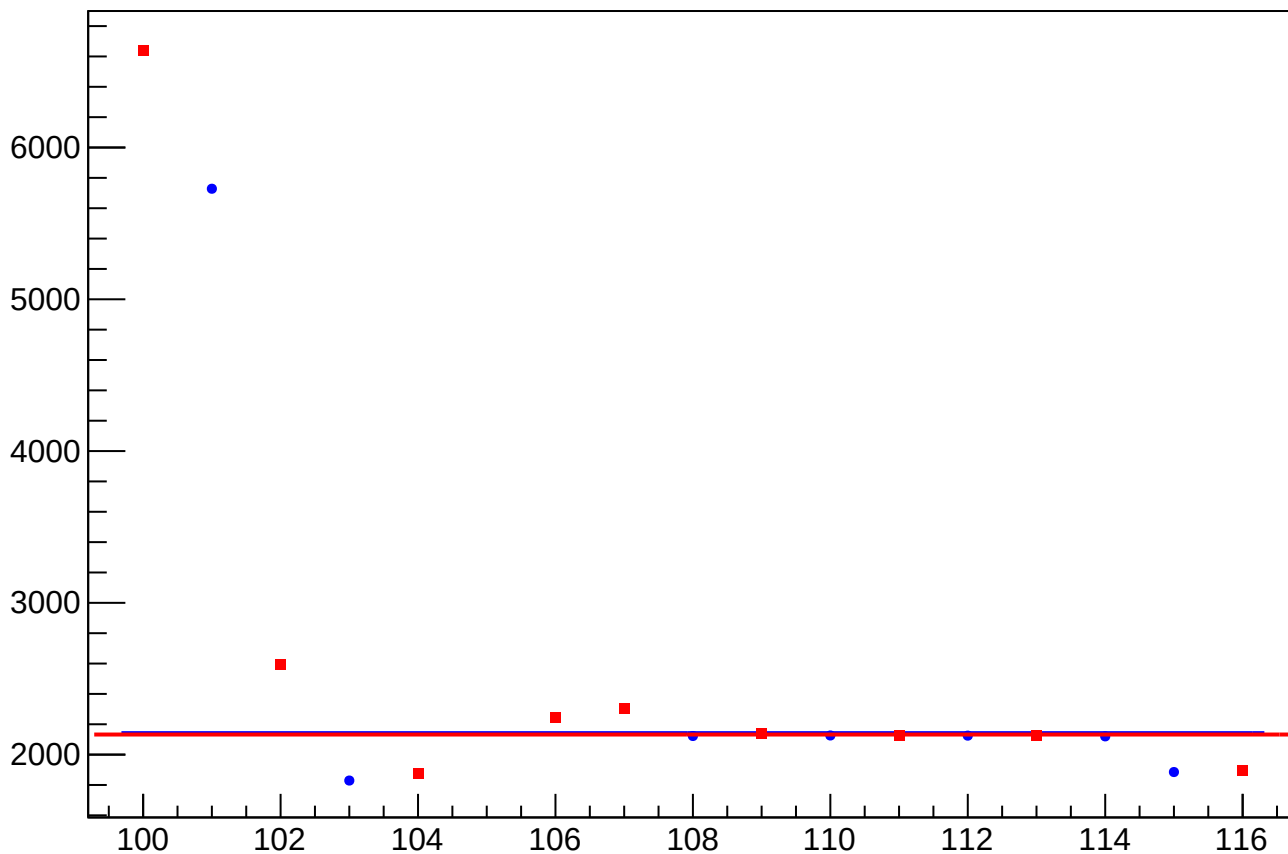
Right: 775.982+/-886.057 χ^2 /NDF: 14.9/15

In: 1201.428+/-1351.745 χ^2 /NDF: 9.8/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 775.982+/-886.057 χ^2 /NDF: 14.9/15

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2141.486+/-0.956 χ^2/NDF : 554680.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2132.392+/-0.830 χ^2/NDF : 130128.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

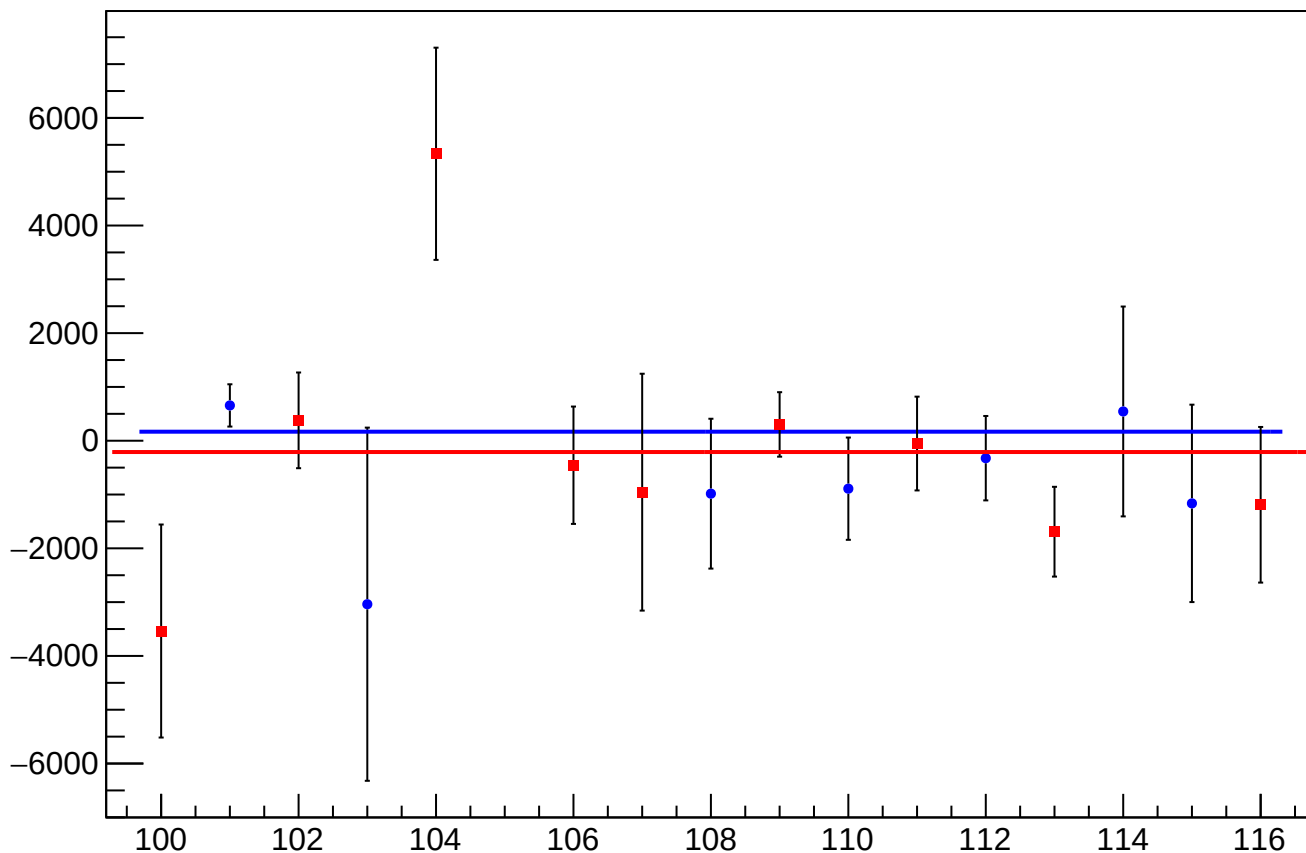
Right: 2136.299+/-0.627 χ^2/NDF : 684860.5/15

In: 2141.486+/-0.956 χ^2/NDF : 554680.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2136.299+/-0.627 χ^2/NDF : 684860.5/15

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 167.934 $\pm$ 310.480 χ^2 /NDF: 5.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -209.958 $\pm$ 336.363 χ^2 /NDF: 15.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

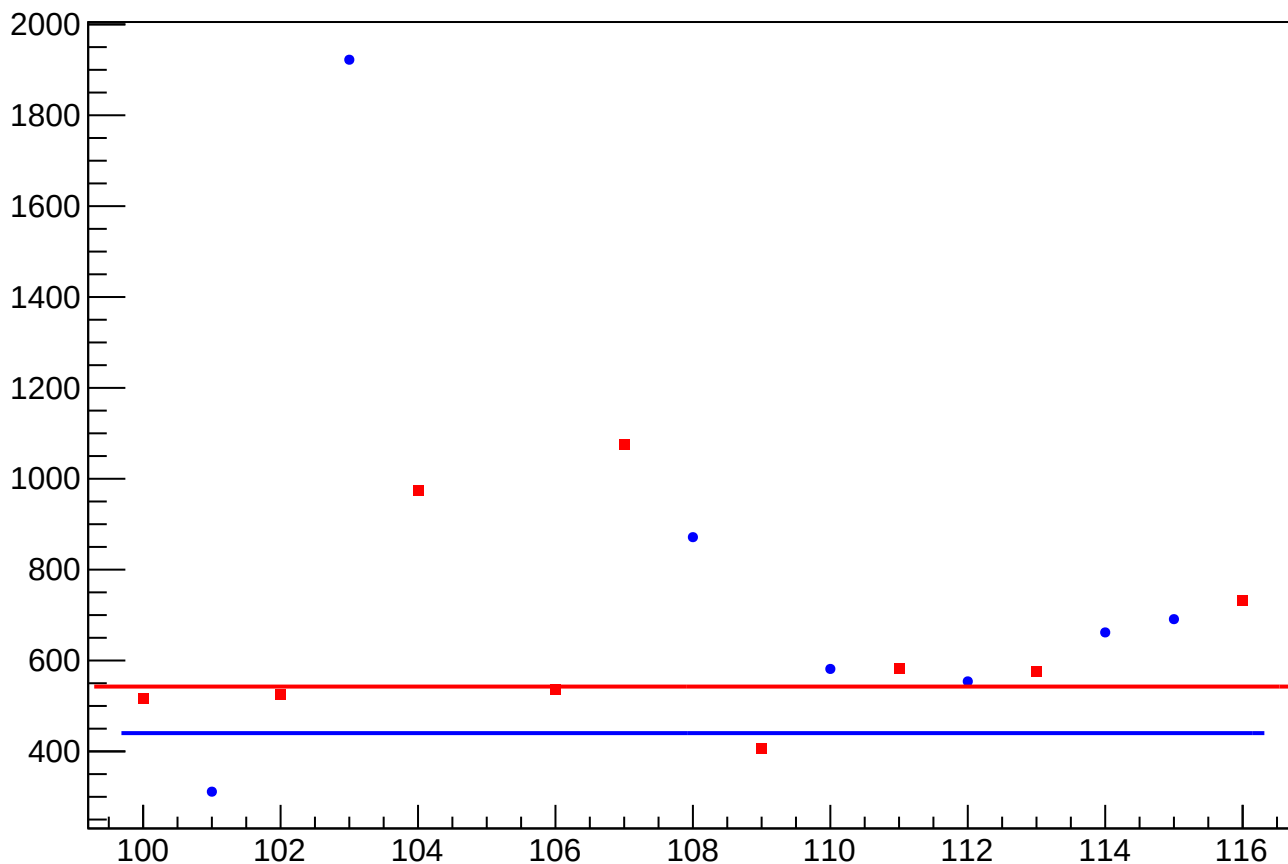
Right: -5.916 $\pm$ 228.145 χ^2 /NDF: 21.8/15

In: 167.934 $\pm$ 310.480 χ^2 /NDF:5.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.916 $\pm$ 228.145 χ^2 /NDF: 21.8/15

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 440.210+/-0.220 χ^2/NDF : 964086.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.661+/-0.238 χ^2/NDF : 358139.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

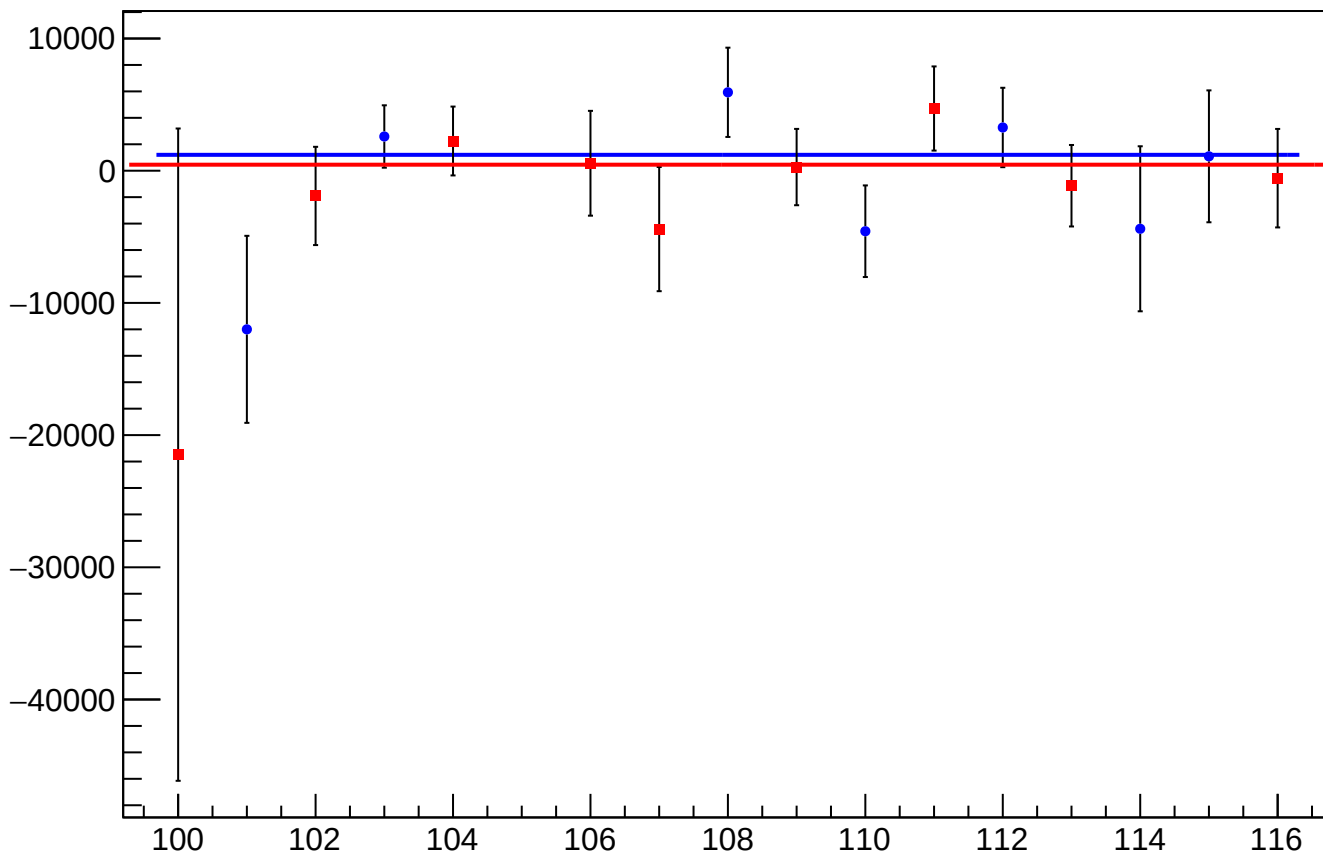
Right: 487.343+/-0.161 χ^2/NDF : 1422410.2/15

In: 440.210+/-0.220 χ^2/NDF : 964086.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.343+/-0.161 χ^2/NDF : 1422410.2/15

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1201.428+/-1351.745 χ^2 /NDF: 9.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 455.465+/-1173.270 χ^2 /NDF: 4.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

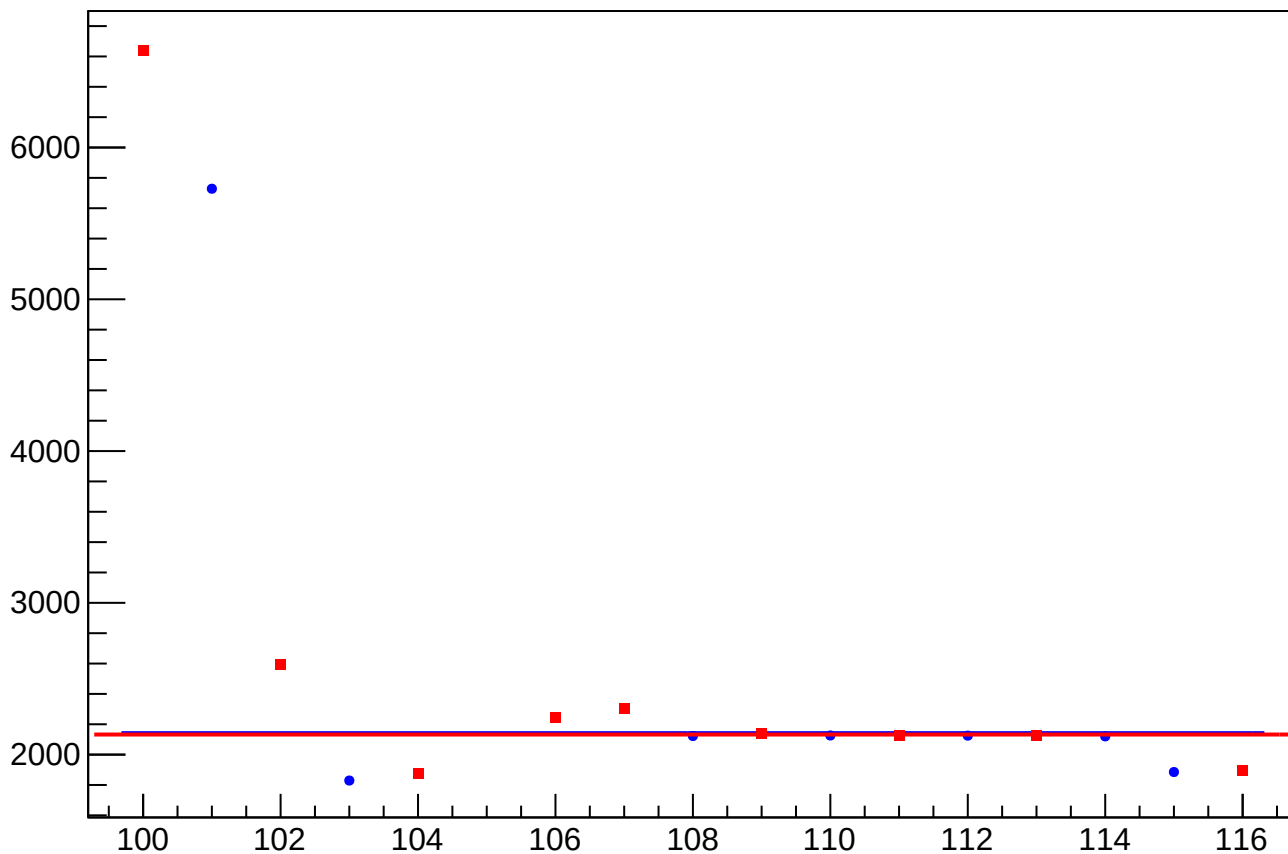
Right: 775.982+/-886.057 χ^2 /NDF: 14.9/15

In: 1201.428+/-1351.745 χ^2 /NDF:9.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 775.982+/-886.057 χ^2 /NDF: 14.9/15

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2141.486+/-0.956 χ^2/NDF : 554680.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2132.392+/-0.830 χ^2/NDF : 130128.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

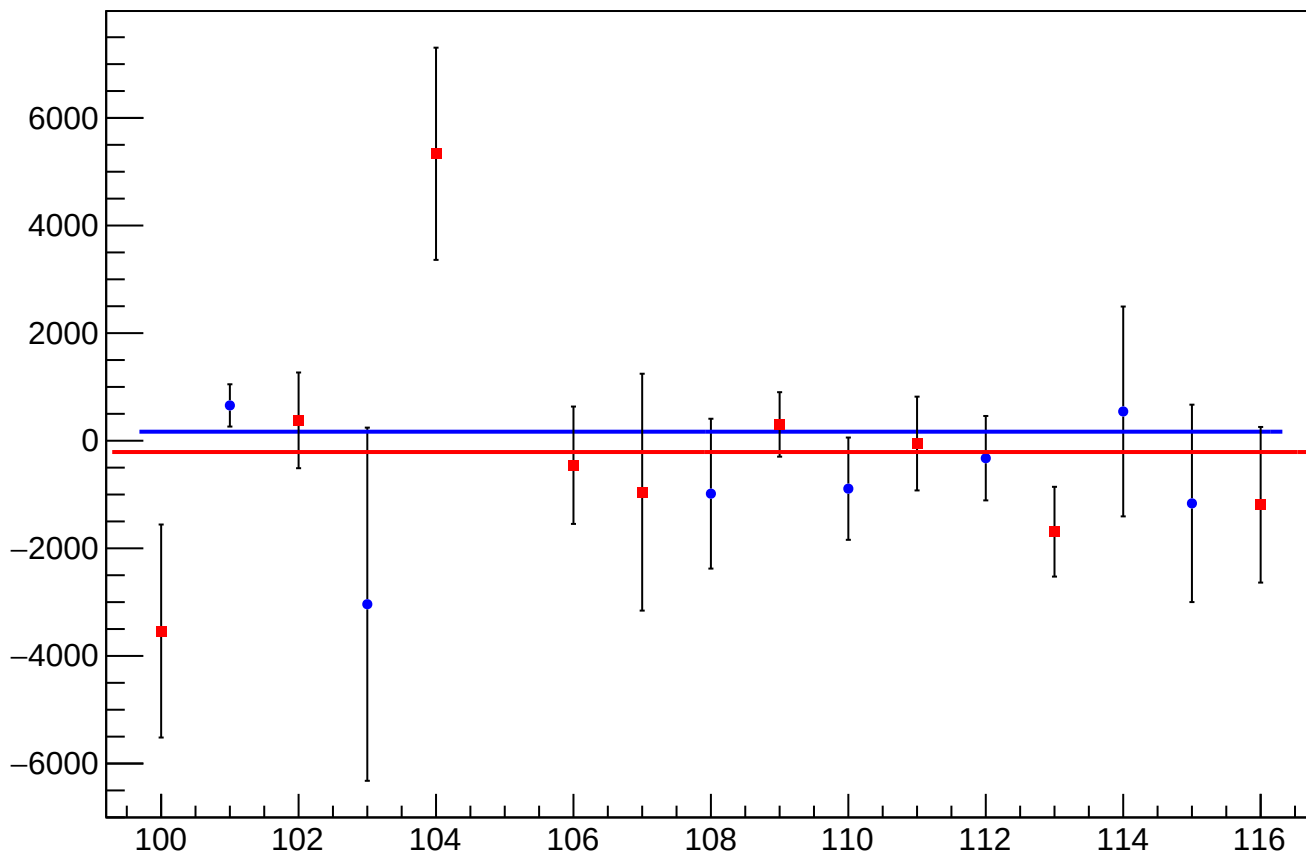
Right: 2136.299+/-0.627 χ^2/NDF : 684860.5/15

In: 2141.486+/-0.956 χ^2/NDF : 554680.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2136.299+/-0.627 χ^2/NDF : 684860.5/15

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 167.934+/-310.480 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.958+/-336.363 χ^2/NDF : 15.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

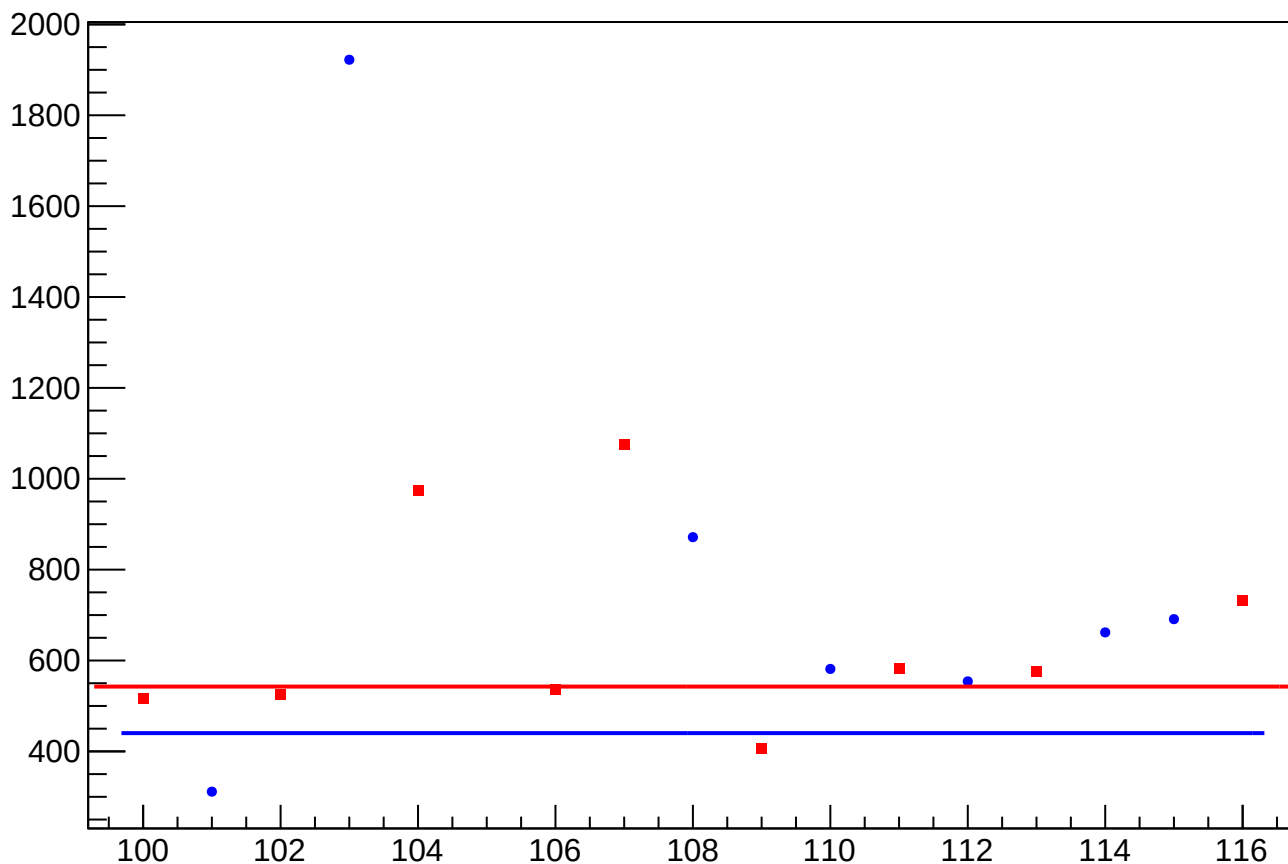
Right: -5.916+/-228.145 χ^2/NDF : 21.8/15

In: 167.934+/-310.480 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.916+/-228.145 χ^2/NDF : 21.8/15

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 440.210+/-0.220 χ^2/NDF : 964086.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.661+/-0.238 χ^2/NDF : 358139.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

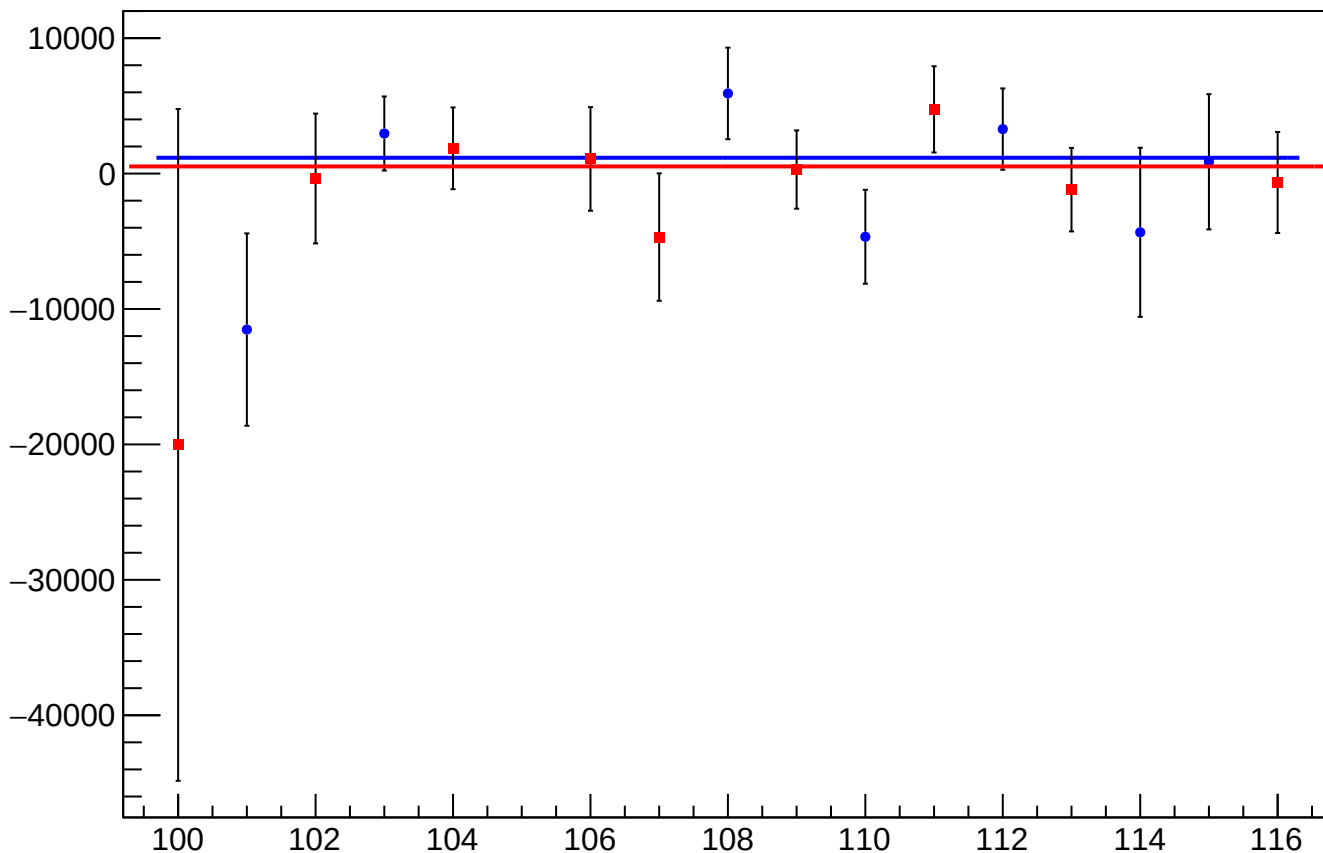
Right: 487.343+/-0.161 χ^2/NDF : 1422410.2/15

In: 440.210+/-0.220 χ^2/NDF : 964086.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.343+/-0.161 χ^2/NDF : 1422410.2/15

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1167.377+/-1413.058 χ^2 /NDF: 9.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 527.226+/-1227.317 χ^2 /NDF: 4.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

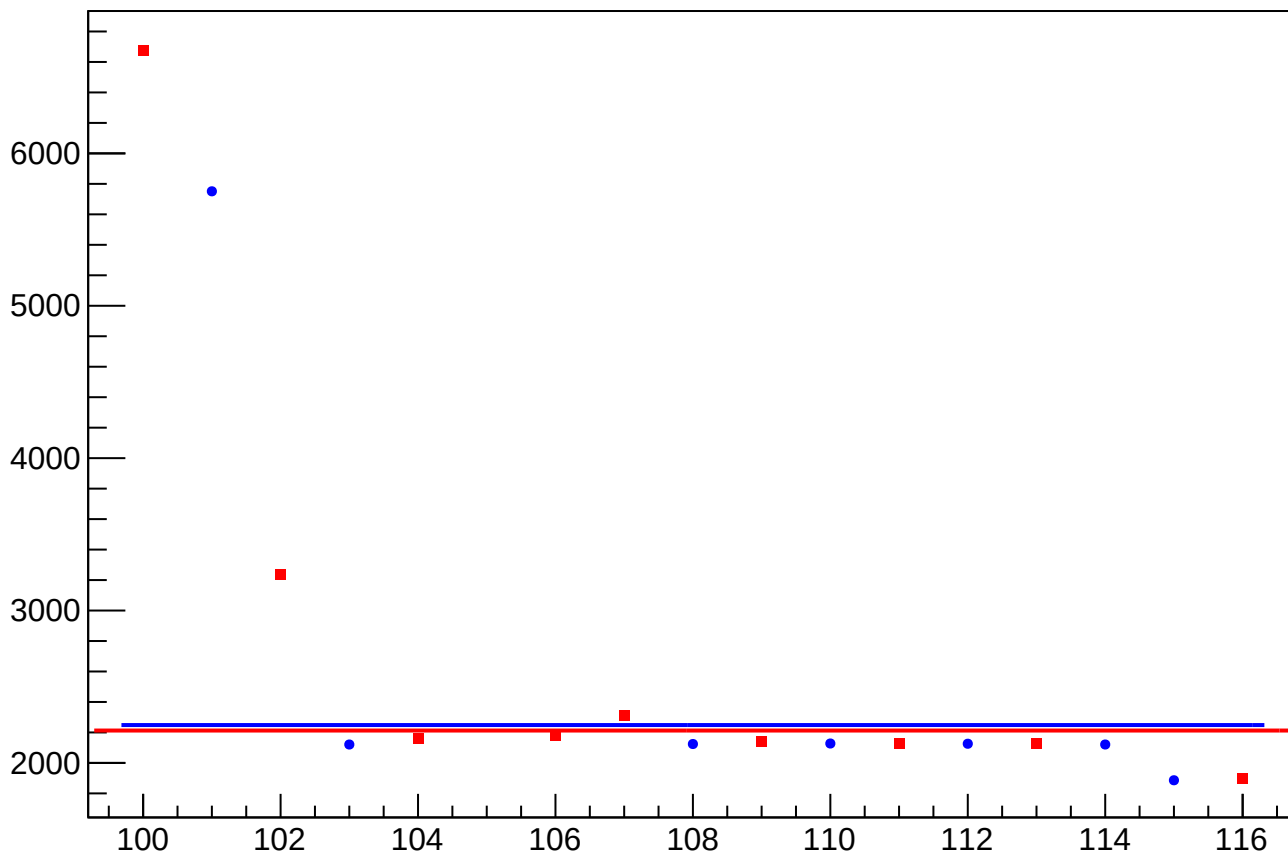
Right: 802.491+/-926.604 χ^2 /NDF: 14.2/15

In: 1167.377+/-1413.058 χ^2 /NDF:9.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 802.491+/-926.604 χ^2 /NDF: 14.2/15

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2248.459+/-0.999 χ^2/NDF : 510553.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2212.509+/-0.868 χ^2/NDF : 176327.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

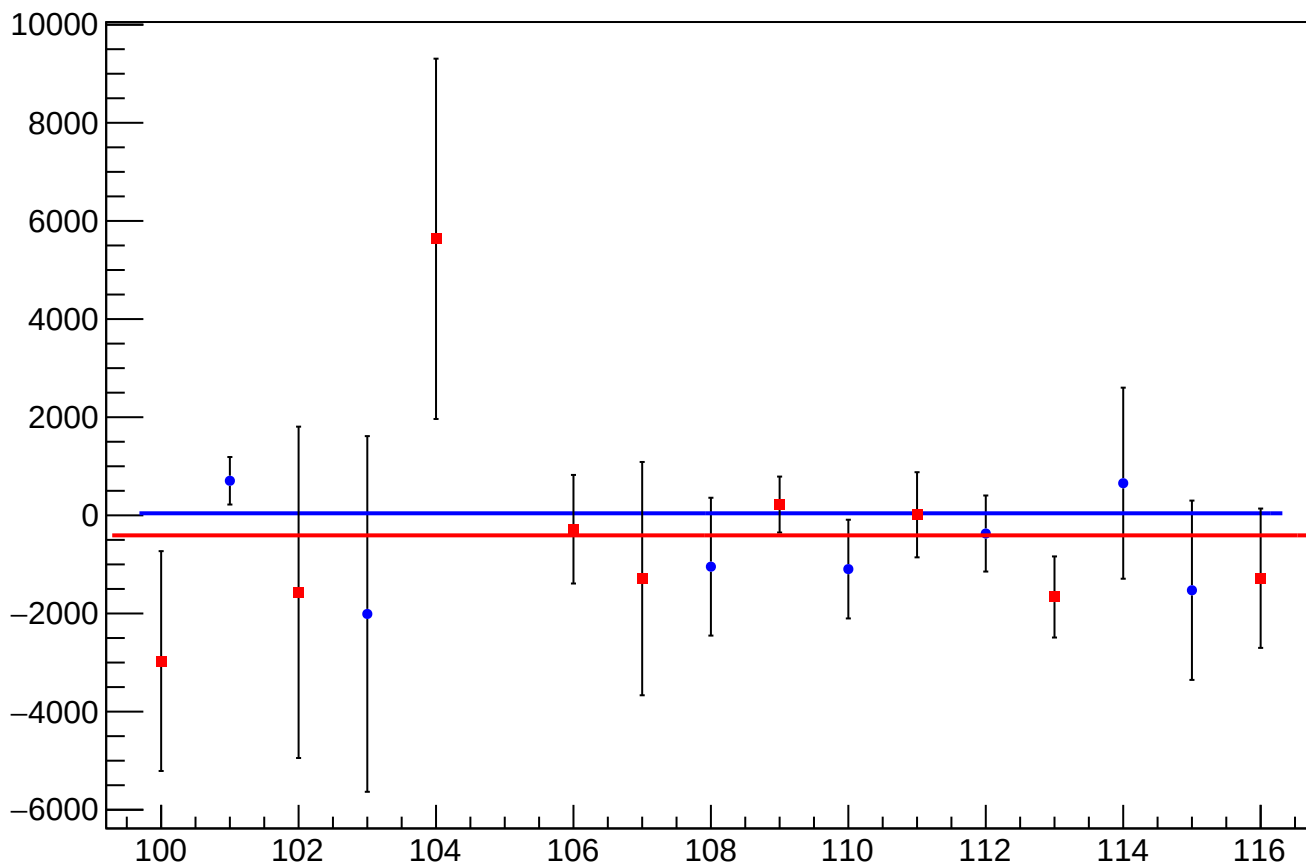
Right: 2227.967+/-0.655 χ^2/NDF : 687618.8/15

In: 2248.459+/-0.999 χ^2/NDF : 510553.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.967+/-0.655 χ^2/NDF : 687618.8/15

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 41.835+/-352.150 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -407.866+/-359.898 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

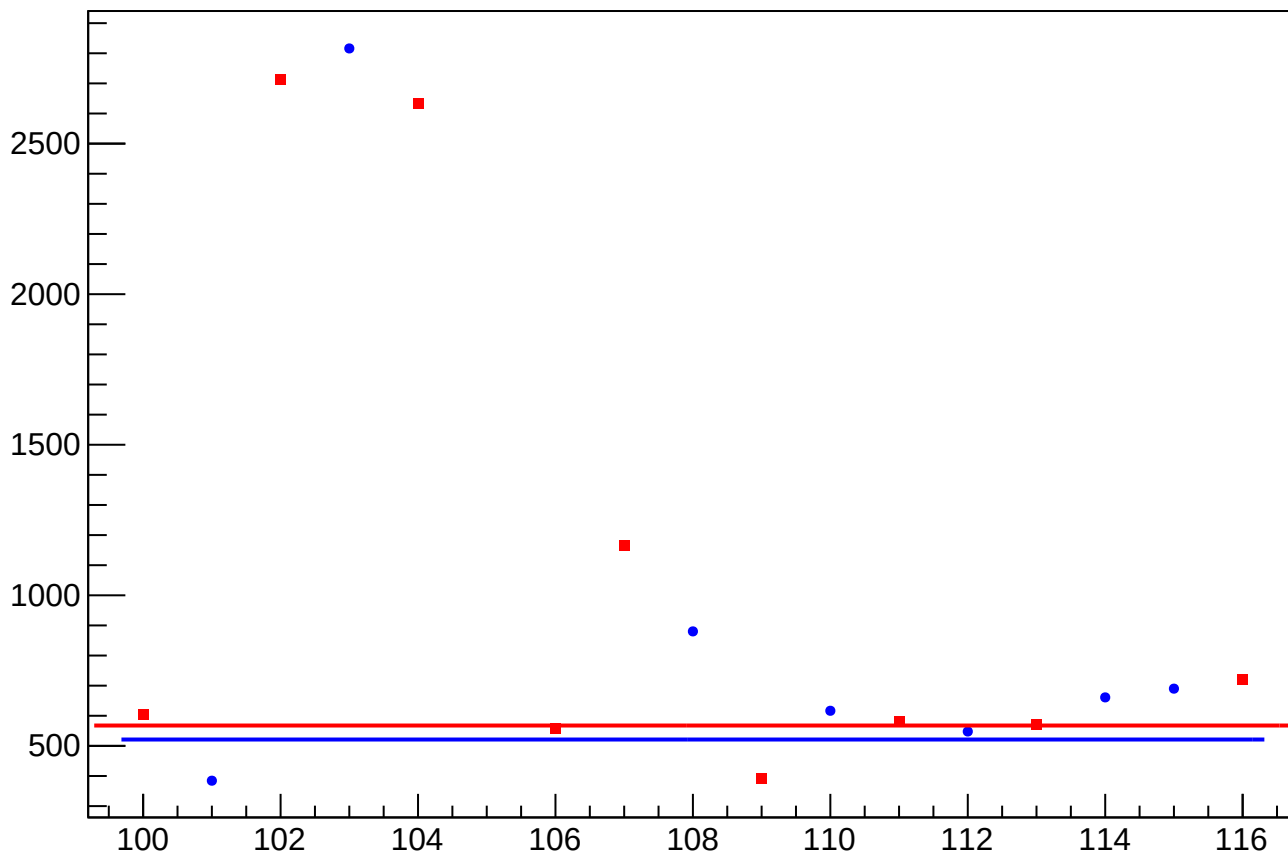
Right: -178.123+/-251.702 χ^2/NDF : 14.4/15

In: 41.835+/-352.150 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.123+/-251.702 χ^2/NDF : 14.4/15

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 521.112+/-0.249 χ^2/NDF : 1139909.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.602+/-0.254 χ^2/NDF : 1782894.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

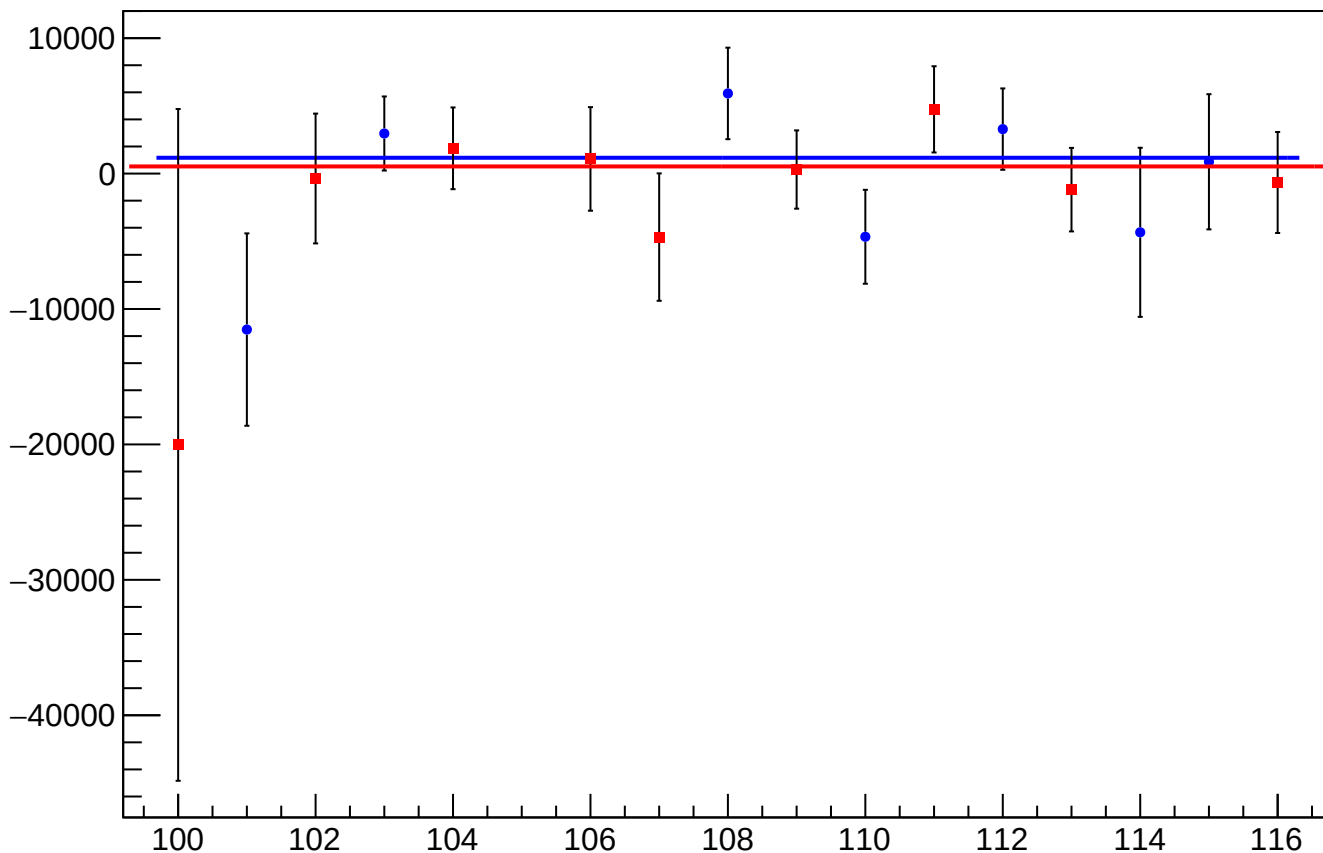
Right: 543.852+/-0.178 χ^2/NDF : 2939853.7/15

In: 521.112+/-0.249 χ^2/NDF : 1139909.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.852+/-0.178 χ^2/NDF : 2939853.7/15

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1167.381+/-1413.057 χ^2 /NDF: 9.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 527.231+/-1227.317 χ^2 /NDF: 4.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

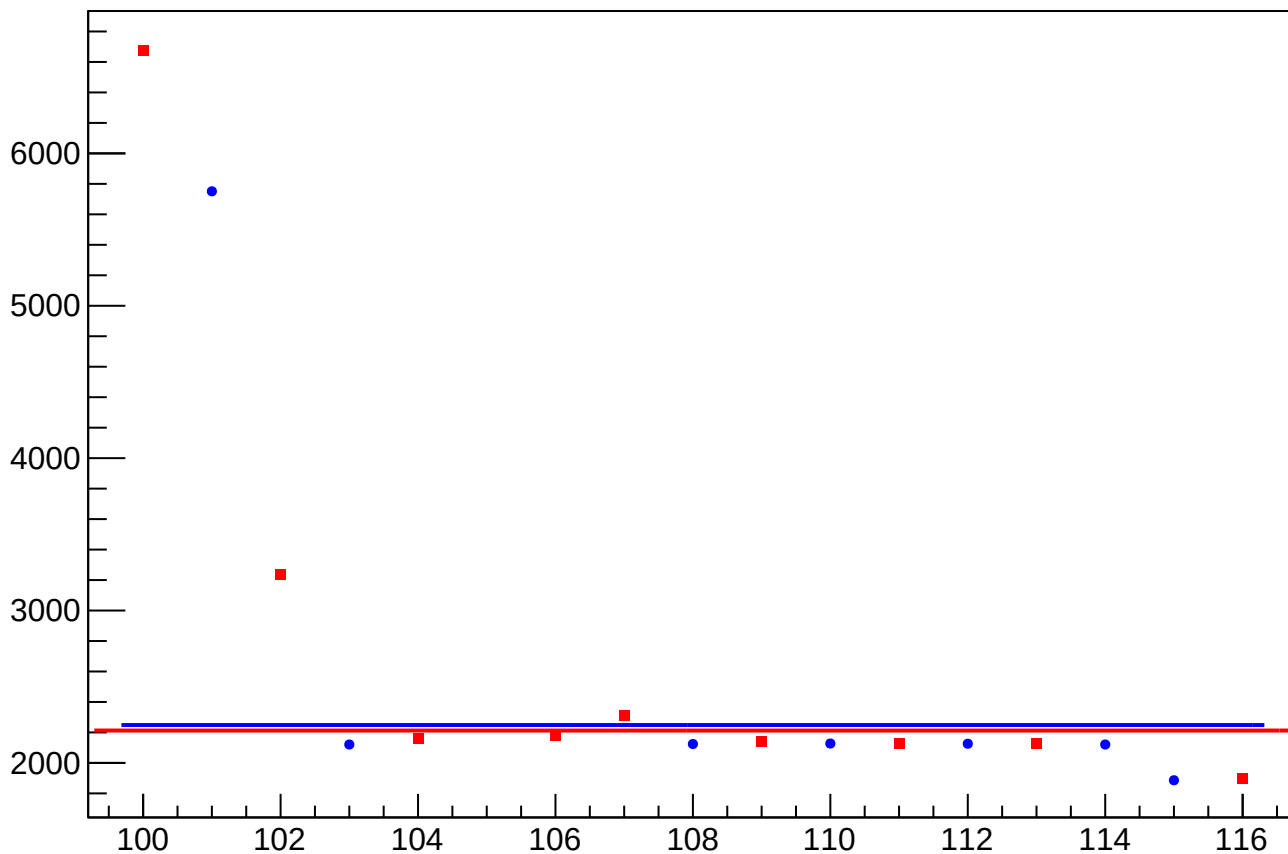
Right: 802.495+/-926.604 χ^2 /NDF: 14.2/15

In: 1167.381+/-1413.057 χ^2 /NDF:9.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 802.495+/-926.604 χ^2 /NDF: 14.2/15

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2248.458+/-0.999 χ^2/NDF : 510553.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2212.509+/-0.868 χ^2/NDF : 176327.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

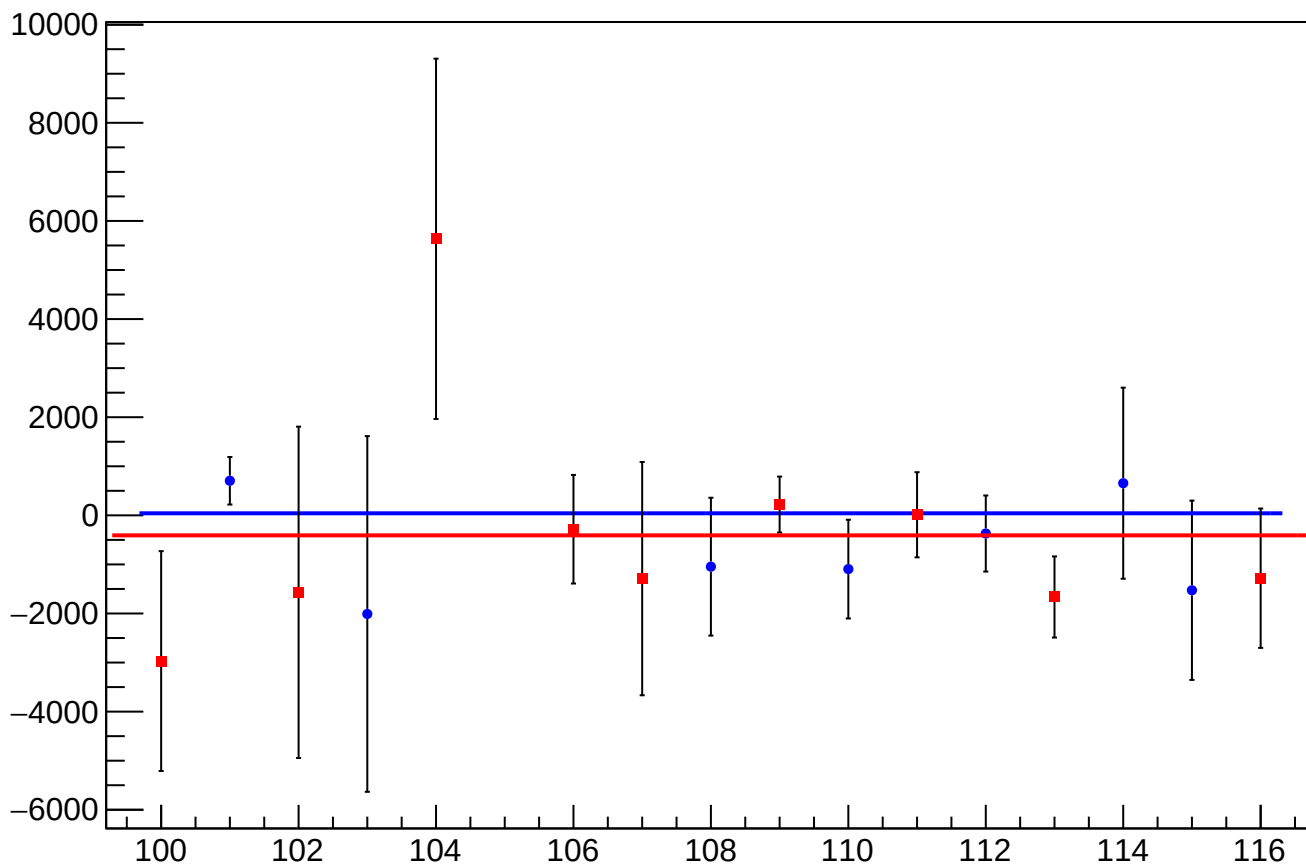
Right: 2227.967+/-0.655 χ^2/NDF : 687618.6/15

In: 2248.458+/-0.999 χ^2/NDF : 510553.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.967+/-0.655 χ^2/NDF : 687618.6/15

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 41.833+/-352.149 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -407.863+/-359.896 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

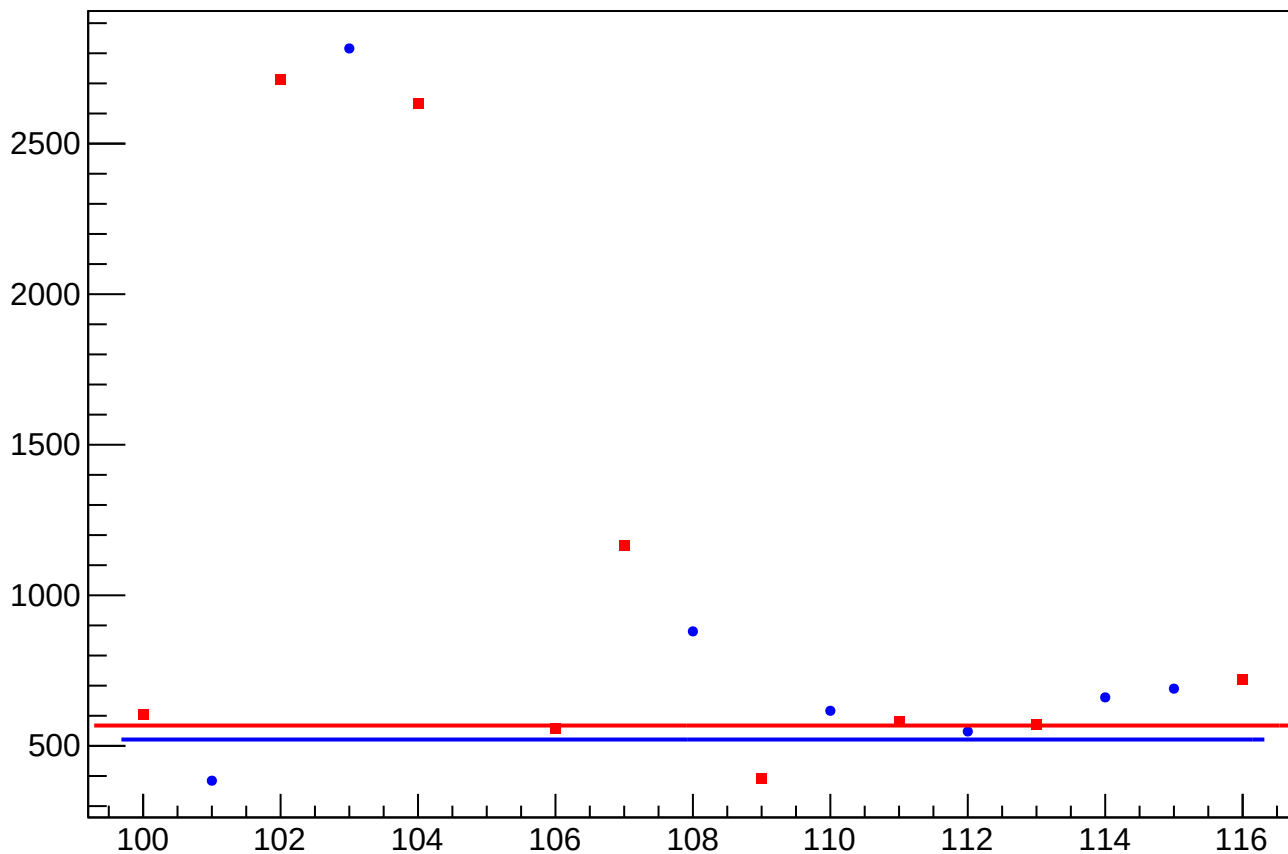
Right: -178.123+/-251.701 χ^2/NDF : 14.4/15

In: 41.833+/-352.149 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.123+/-251.701 χ^2/NDF : 14.4/15

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 521.111+/-0.249 χ^2/NDF : 1139904.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.598+/-0.254 χ^2/NDF : 1782910.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

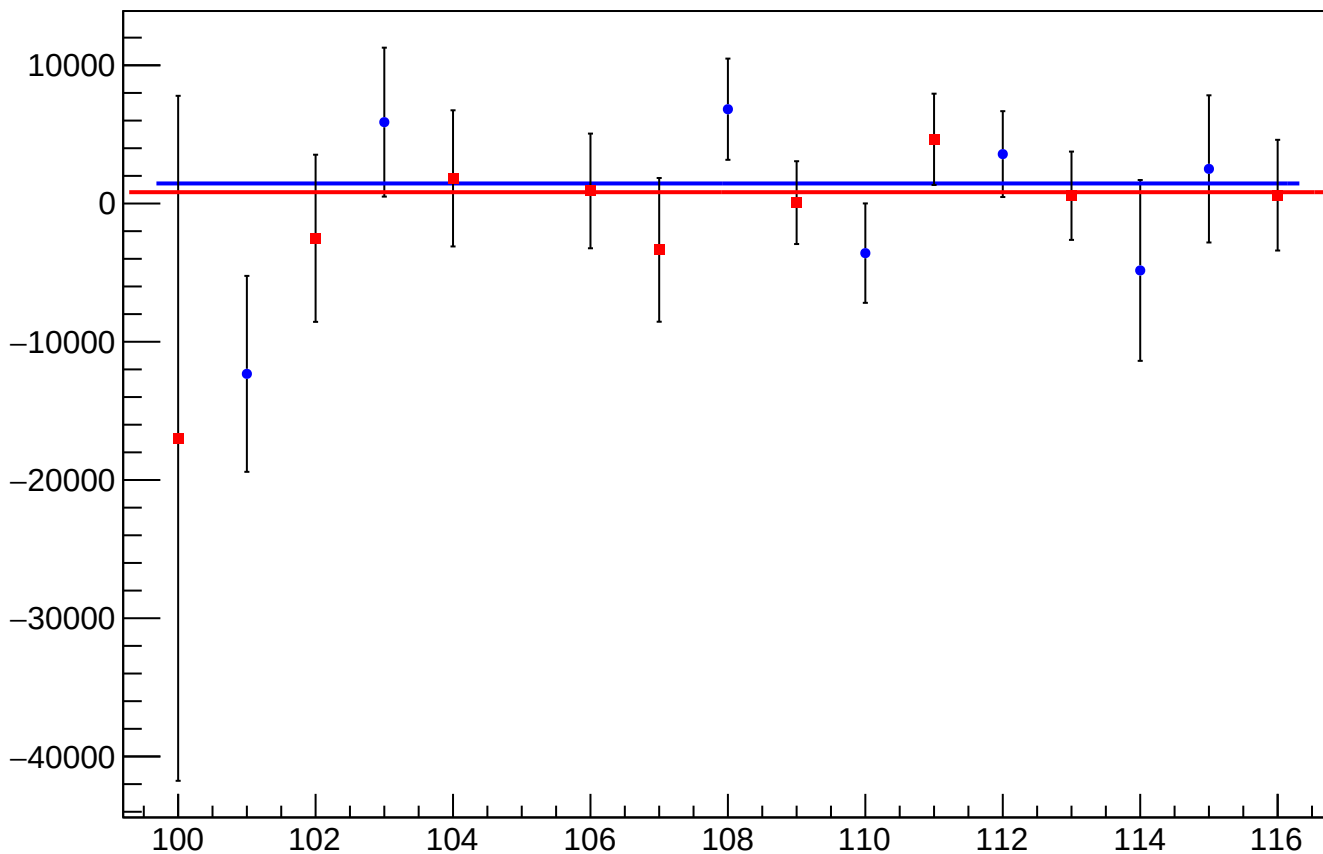
Right: 543.849+/-0.178 χ^2/NDF : 2939862.1/15

In: 521.111+/-0.249 χ^2/NDF : 1139904.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.849+/-0.178 χ^2/NDF : 2939862.1/15

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1451.624+/-1646.923 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 820.211+/-1375.008 χ^2/NDF : 2.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

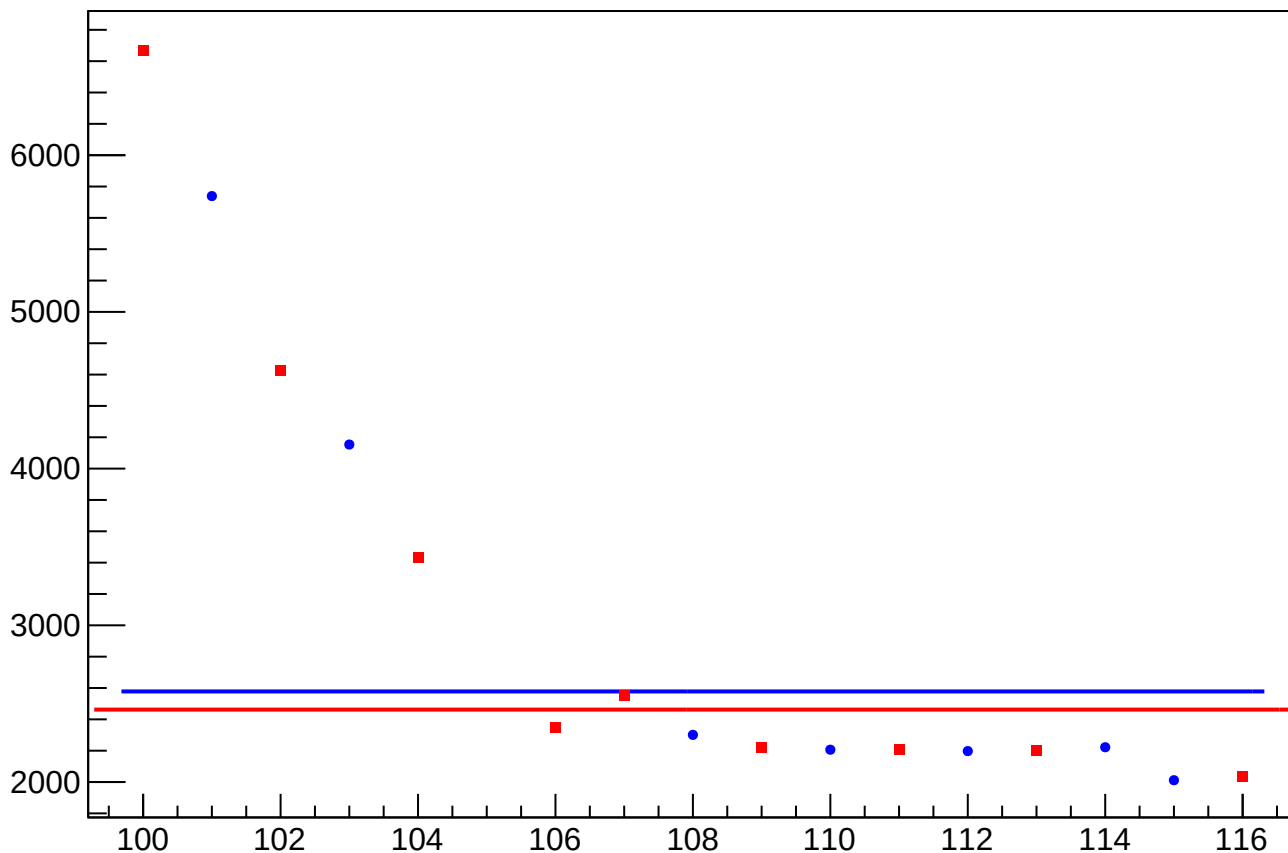
Right: 1079.559+/-1055.499 χ^2/NDF : 13.0/15

In: 1451.624+/-1646.923 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.559+/-1055.499 χ^2/NDF : 13.0/15

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2578.068+/-1.165 χ^2/NDF : 660393.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2462.150+/-0.972 χ^2/NDF : 454647.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

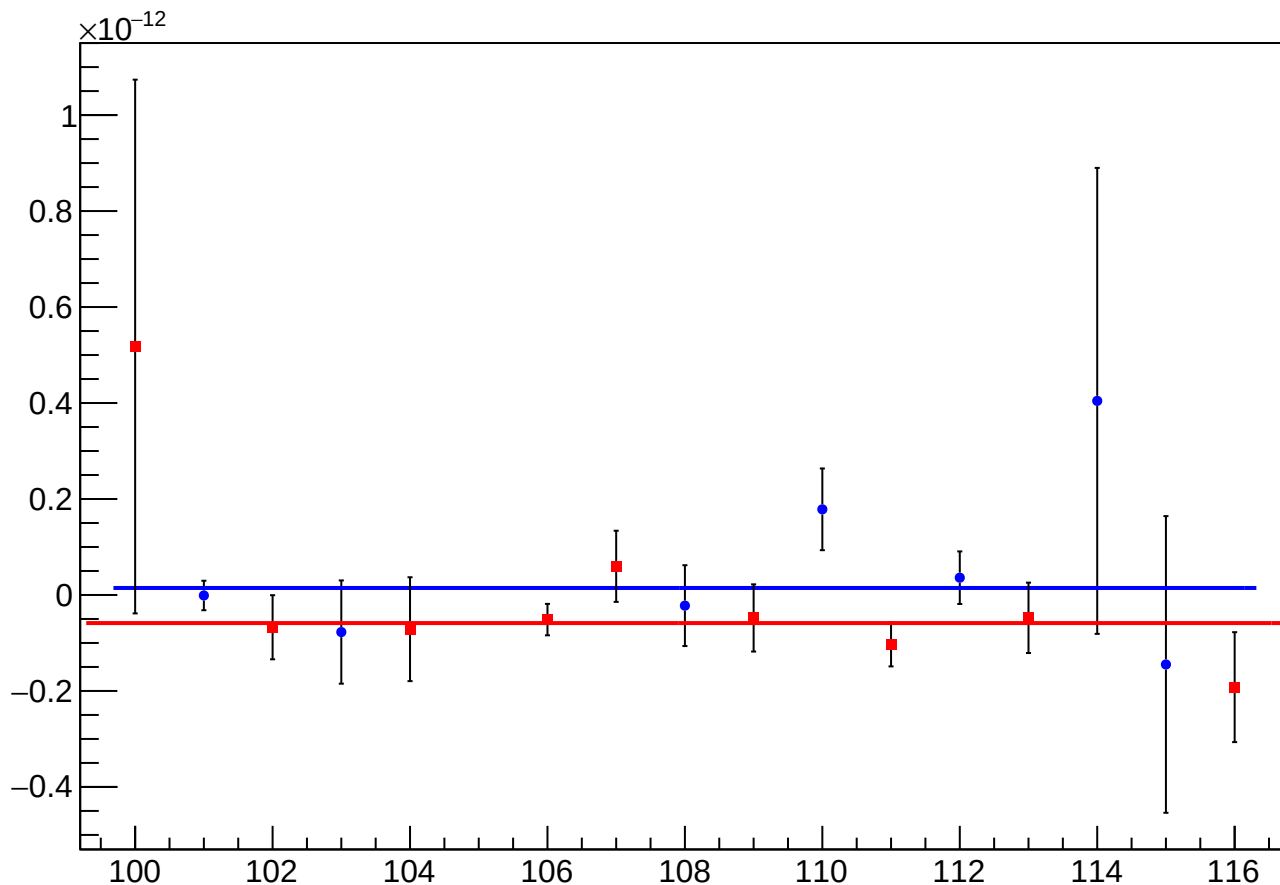
Right: 2509.762+/-0.746 χ^2/NDF : 1120878.8/15

In: 2578.068+/-1.165 χ^2/NDF : 660393.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2509.762+/-0.746 χ^2/NDF : 1120878.8/15

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

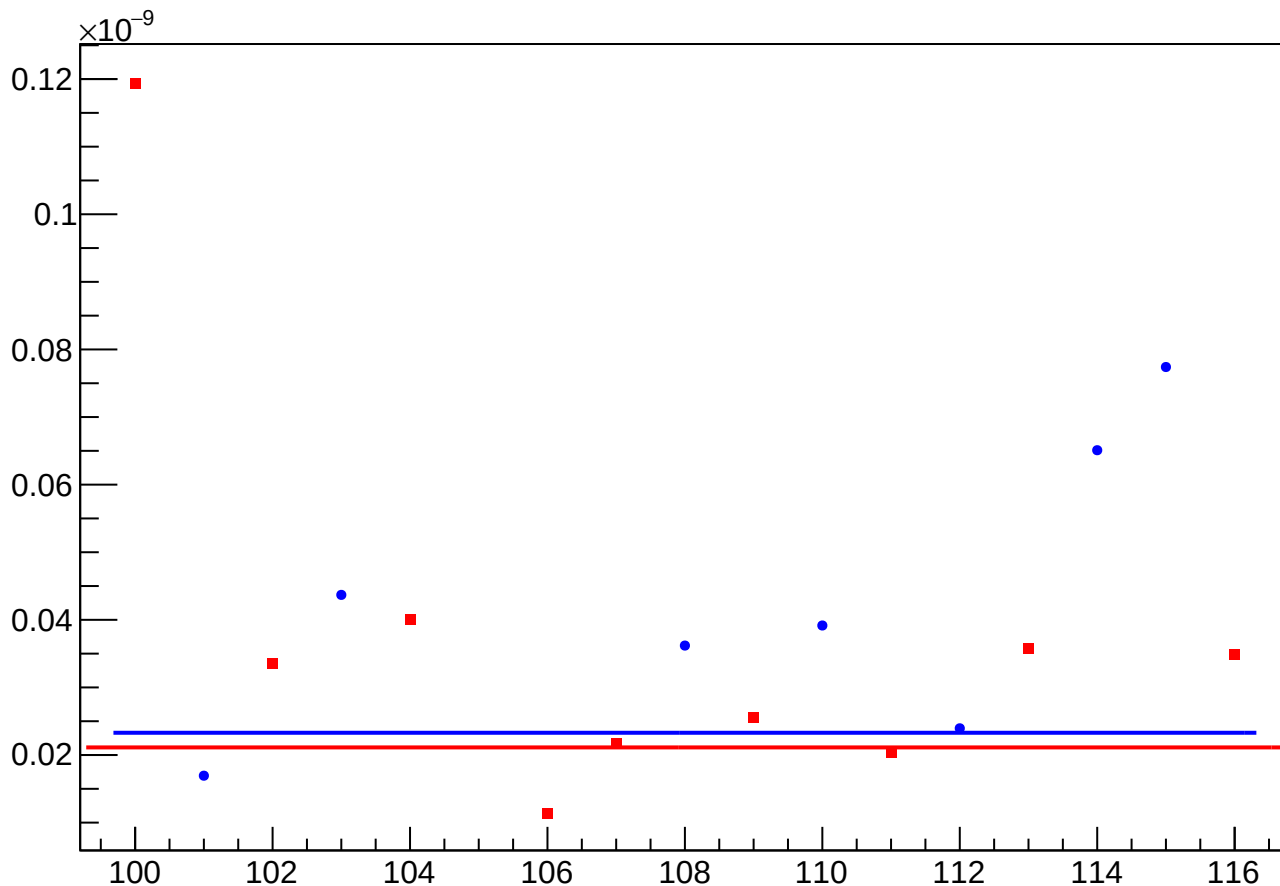
Right: -0.000+/-0.000 χ^2/NDF : 17.4/15

In: 0.000+/-0.000 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/15

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350247.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 488077.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

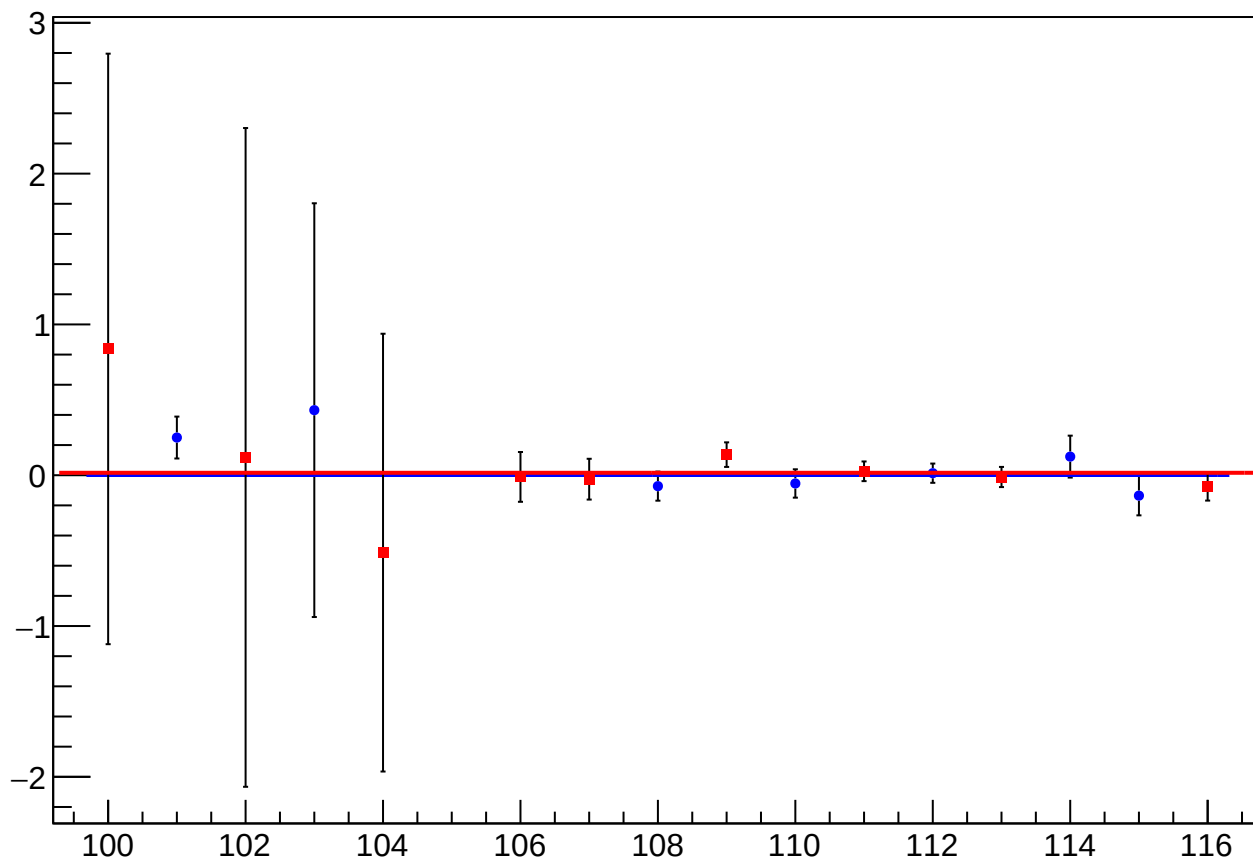
Right: 0.000+/-0.000 χ^2/NDF : 847849.1/15

In: 0.000+/-0.000 χ^2/NDF : 350247.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 847849.1/15

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.035 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

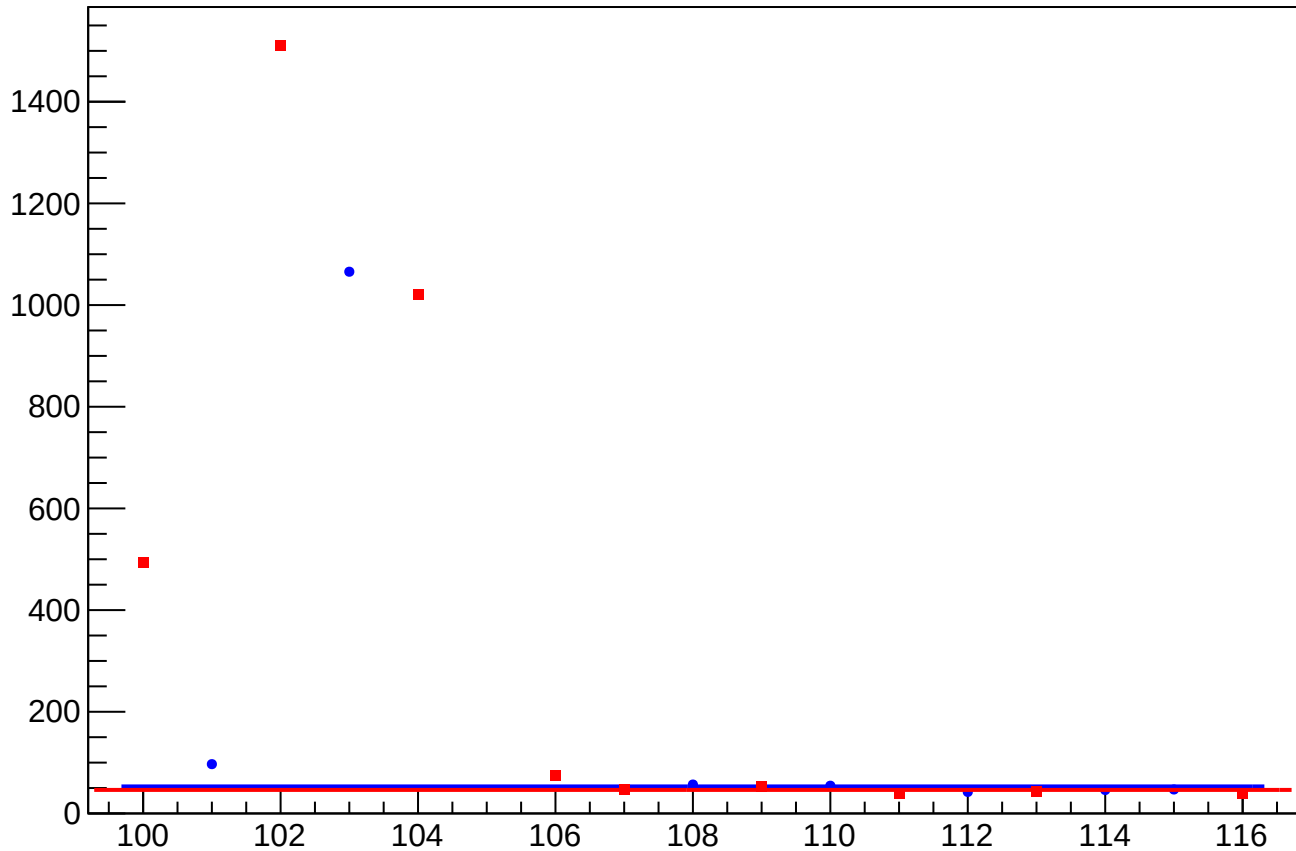
Right: 0.010+/-0.026 χ^2/NDF : 10.0/15

In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 10.0/15

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.157+/-0.028 χ^2/NDF : 1358509.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.308+/-0.025 χ^2/NDF : 2013777.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

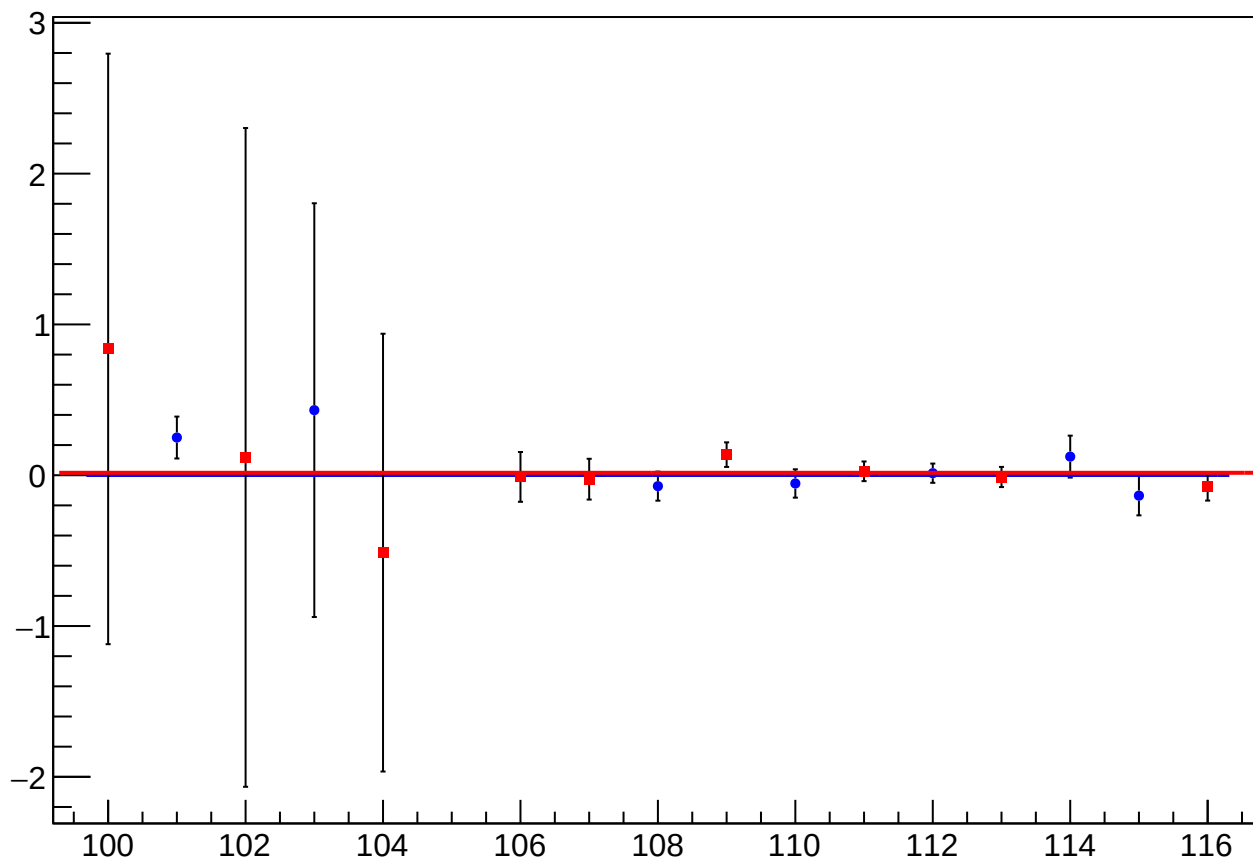
Right: 49.281+/-0.019 χ^2/NDF : 3405684.1/15

In: 53.157+/-0.028 χ^2/NDF : 1358509.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.281+/-0.019 χ^2/NDF : 3405684.1/15

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.035 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

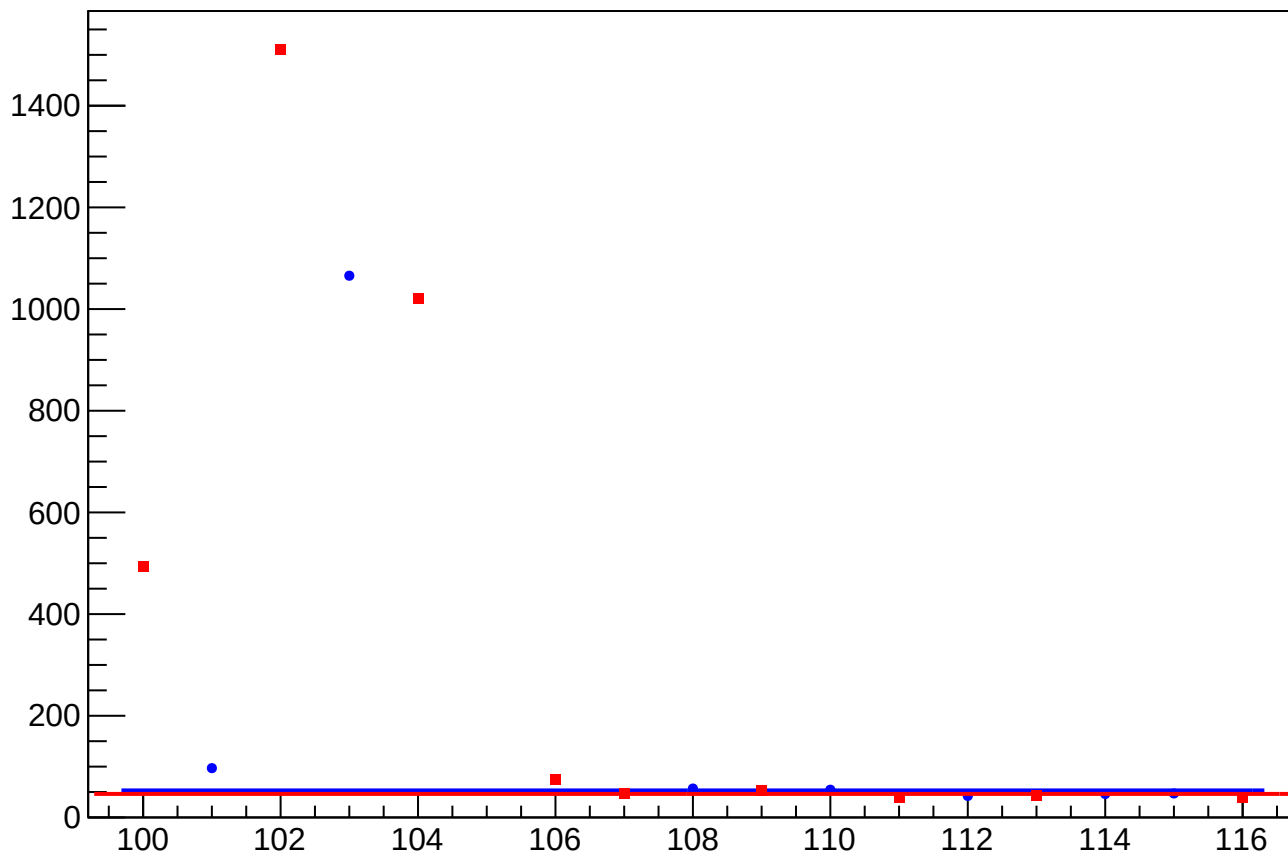
Right: 0.010+/-0.026 χ^2/NDF : 10.0/15

In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 10.0/15

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.157+/-0.028 χ^2/NDF : 1358509.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.308+/-0.025 χ^2/NDF : 2013777.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

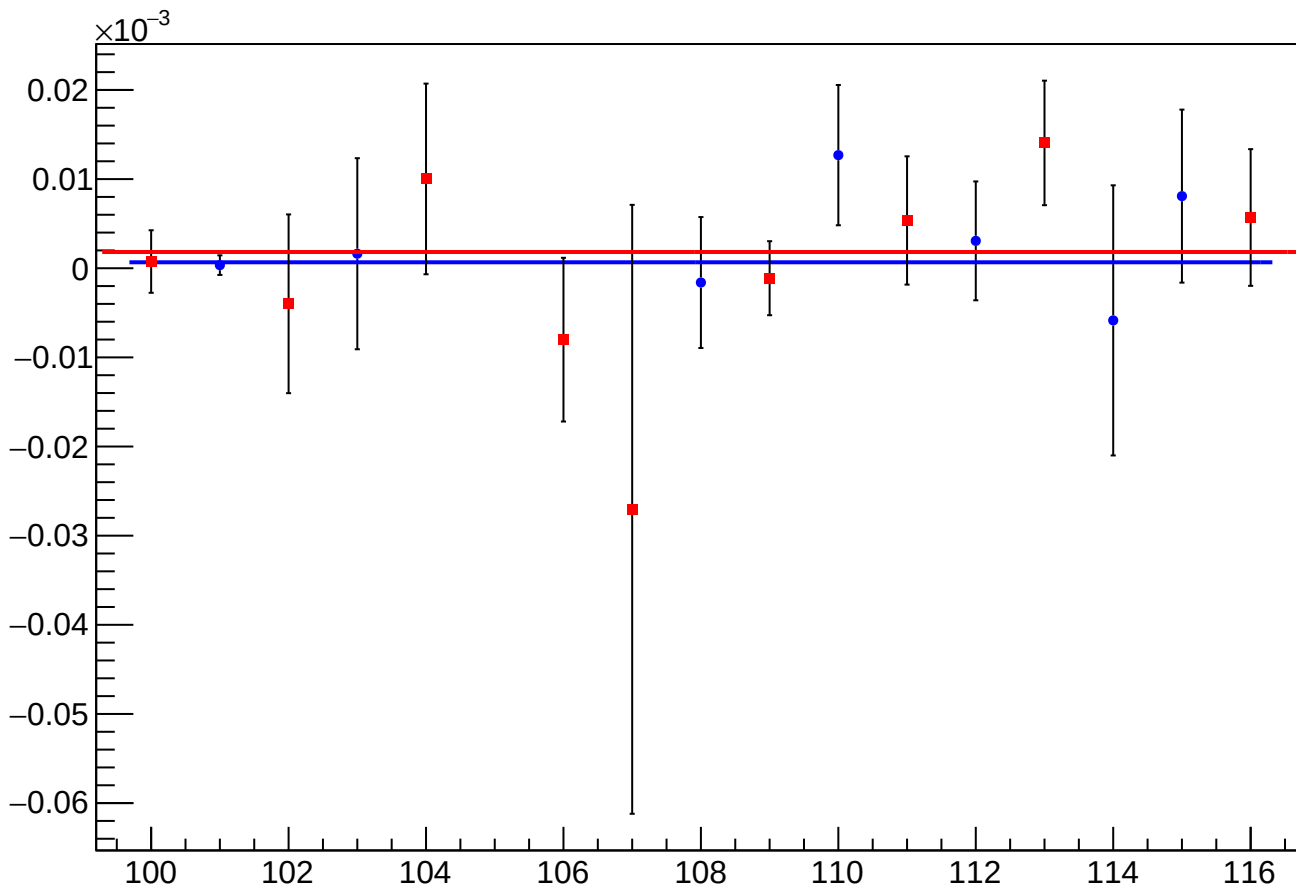
Right: 49.281+/-0.019 χ^2/NDF : 3405684.1/15

In: 53.157+/-0.028 χ^2/NDF : 1358509.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.281+/-0.019 χ^2/NDF : 3405684.1/15

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 : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

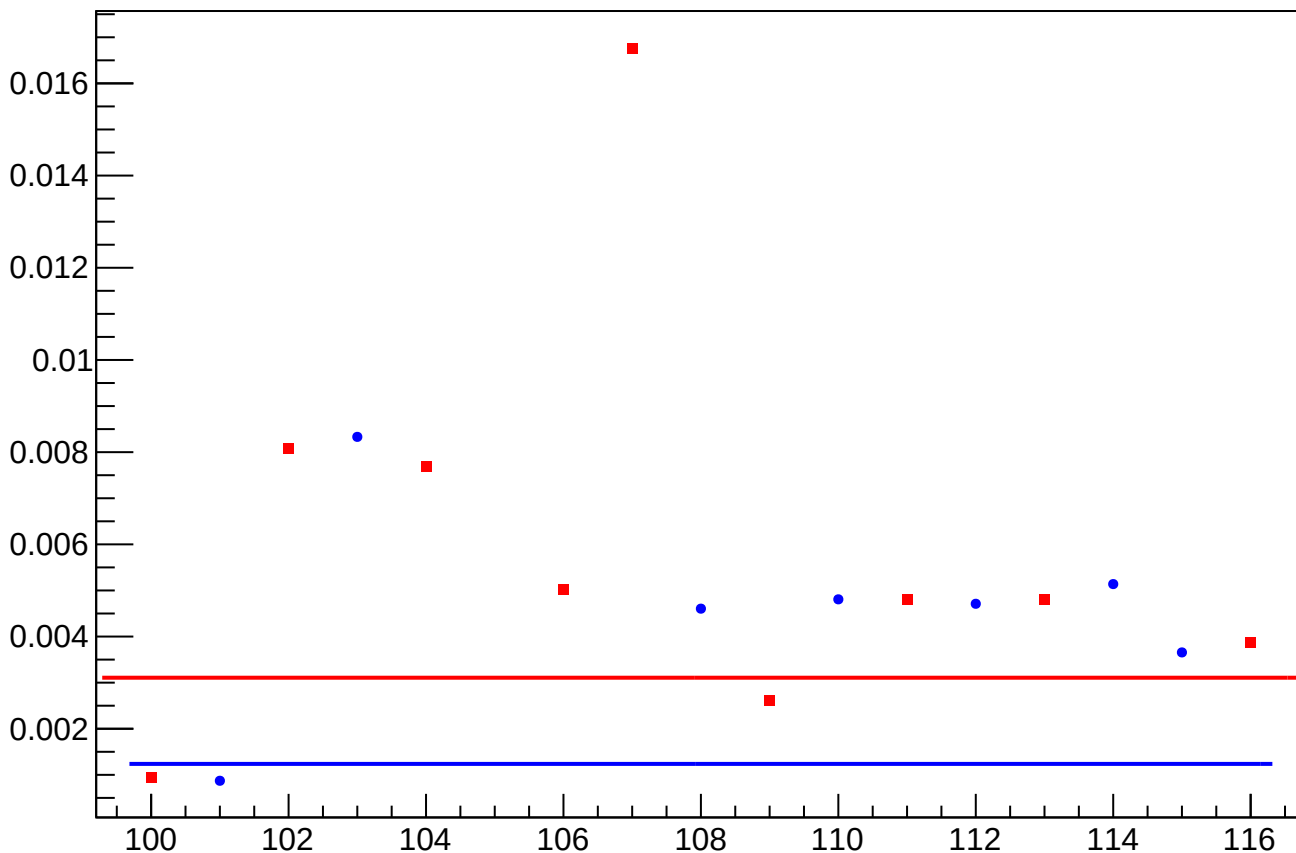
Right: 0.000+/-0.000 χ^2/NDF : 10.6/15

In: 0.000+/-0.000 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/15

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 : 2729655.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2302842.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

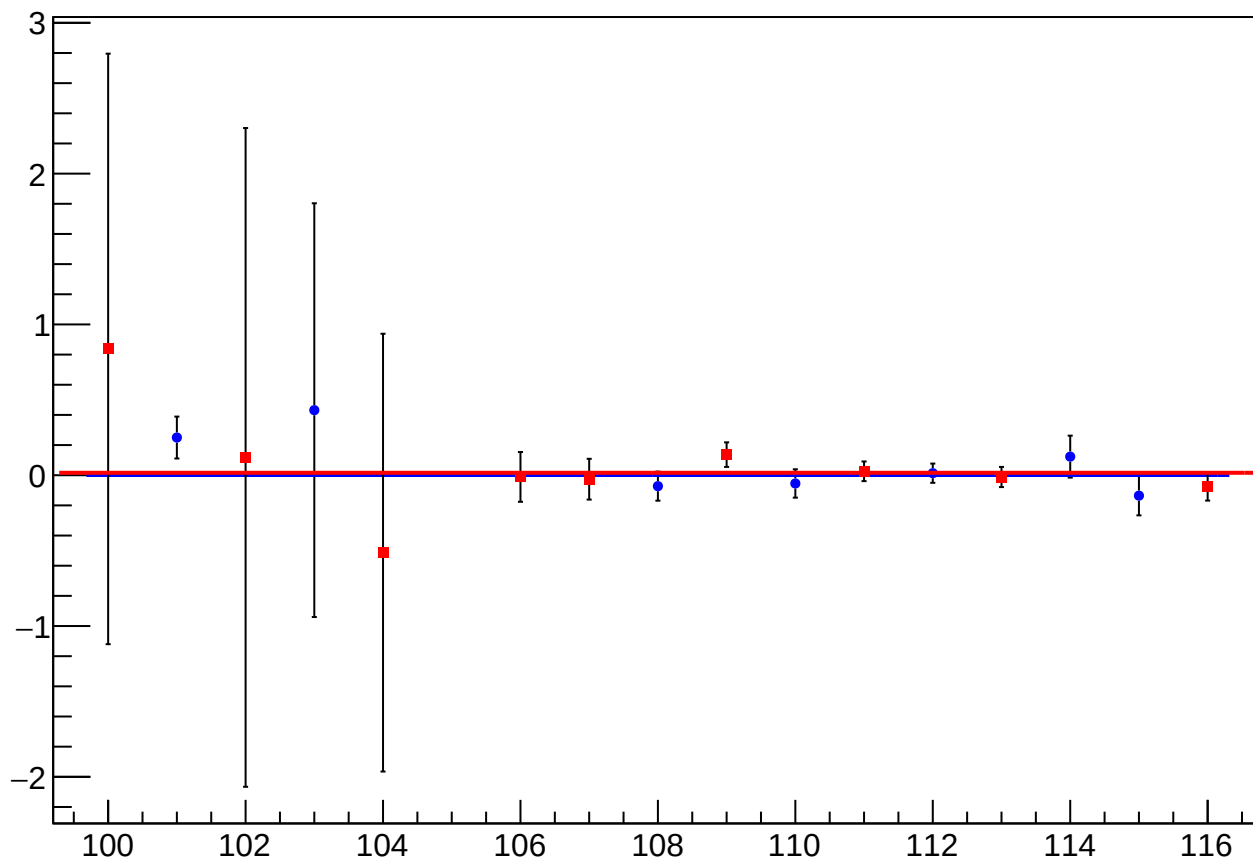
Right: 0.002+/-0.000 χ^2/NDF : 6304584.6/15

In: 0.001+/-0.000 χ^2/NDF : 2729655.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6304584.6/15

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.035 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

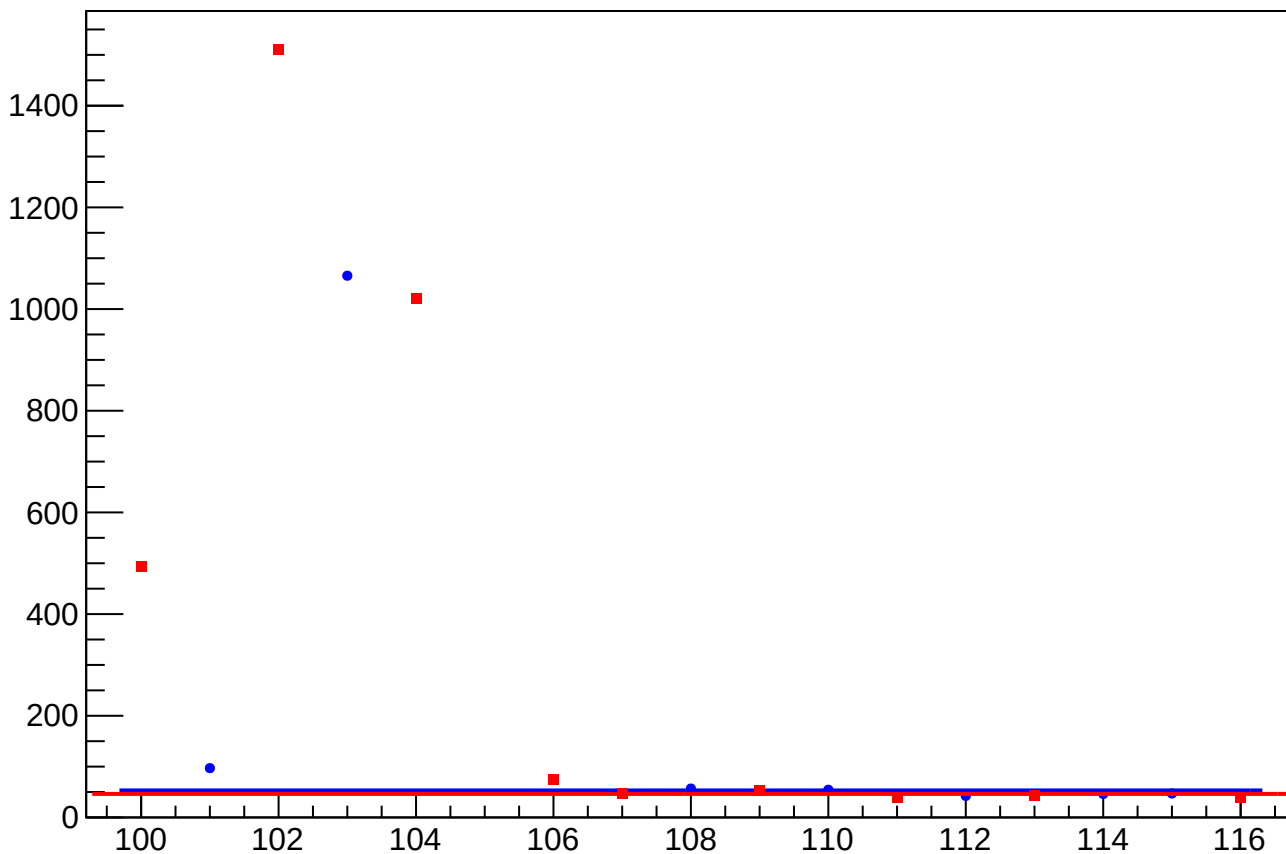
Right: 0.010+/-0.026 χ^2/NDF : 10.0/15

In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 10.0/15

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.157+/-0.028 χ^2/NDF : 1358497.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.308+/-0.025 χ^2/NDF : 2013765.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

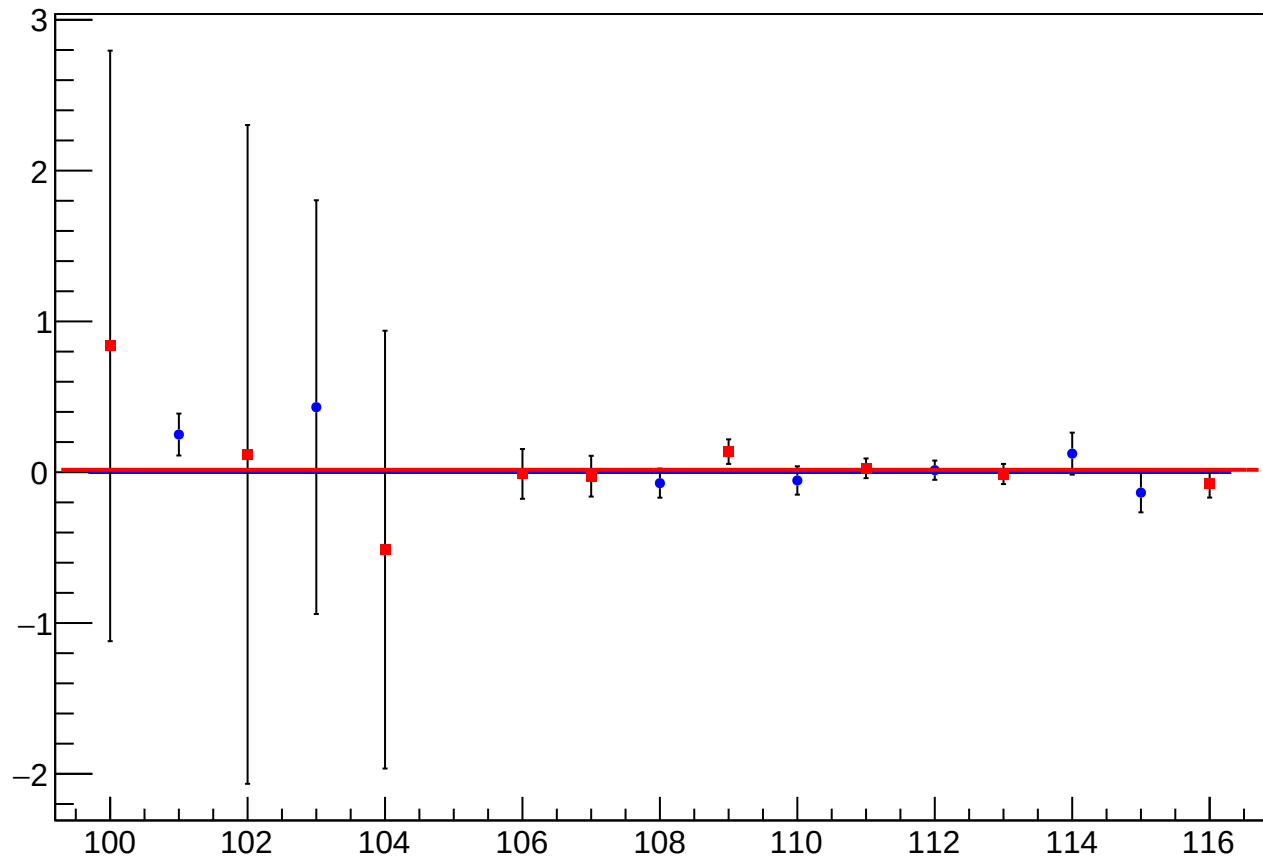
Right: 49.281+/-0.019 χ^2/NDF : 3405661.1/15

In: 53.157+/-0.028 χ^2/NDF : 1358497.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.281+/-0.019 χ^2/NDF : 3405661.1/15

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.035 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

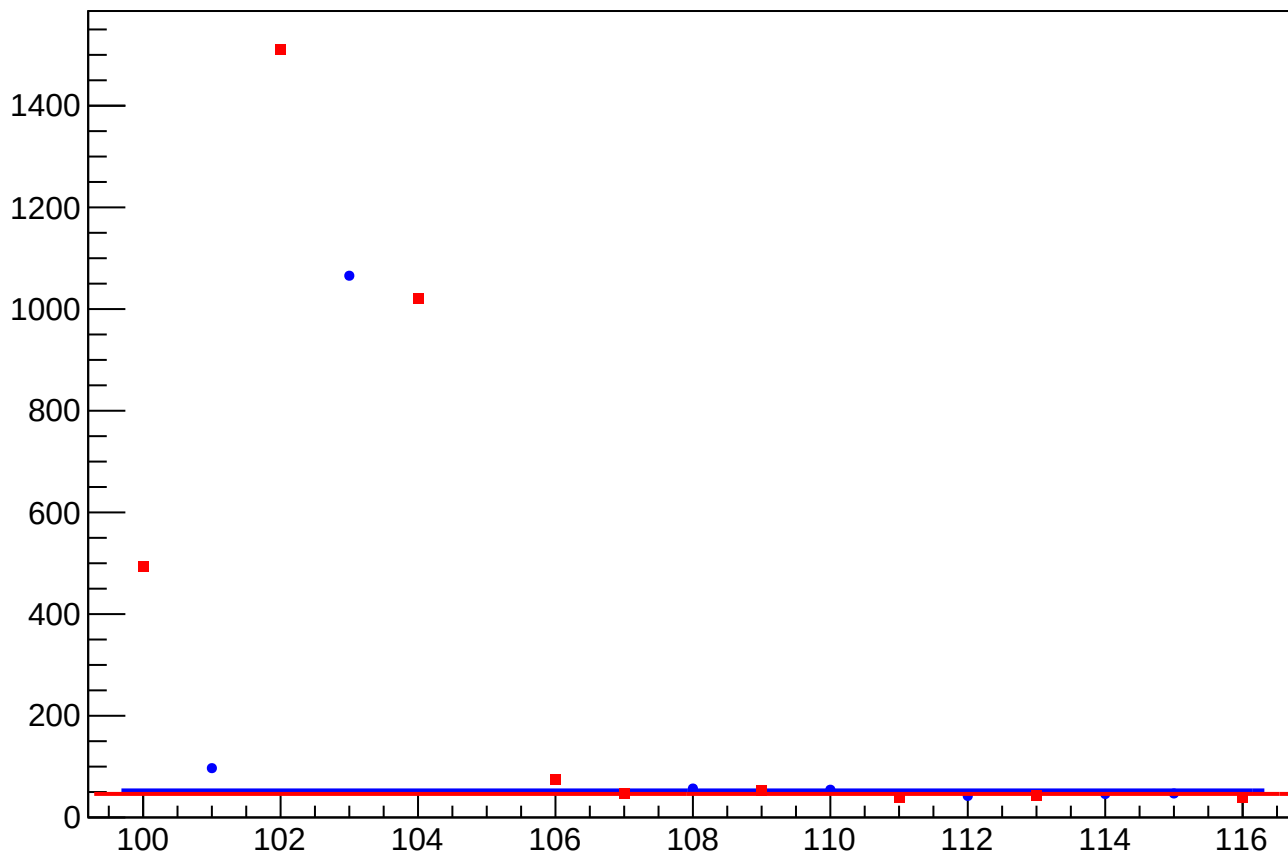
Right: 0.010+/-0.026 χ^2/NDF : 10.0/15

In: 0.002+/-0.040 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.026 χ^2/NDF : 10.0/15

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.157+/-0.028 χ^2/NDF : 1358497.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.308+/-0.025 χ^2/NDF : 2013765.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

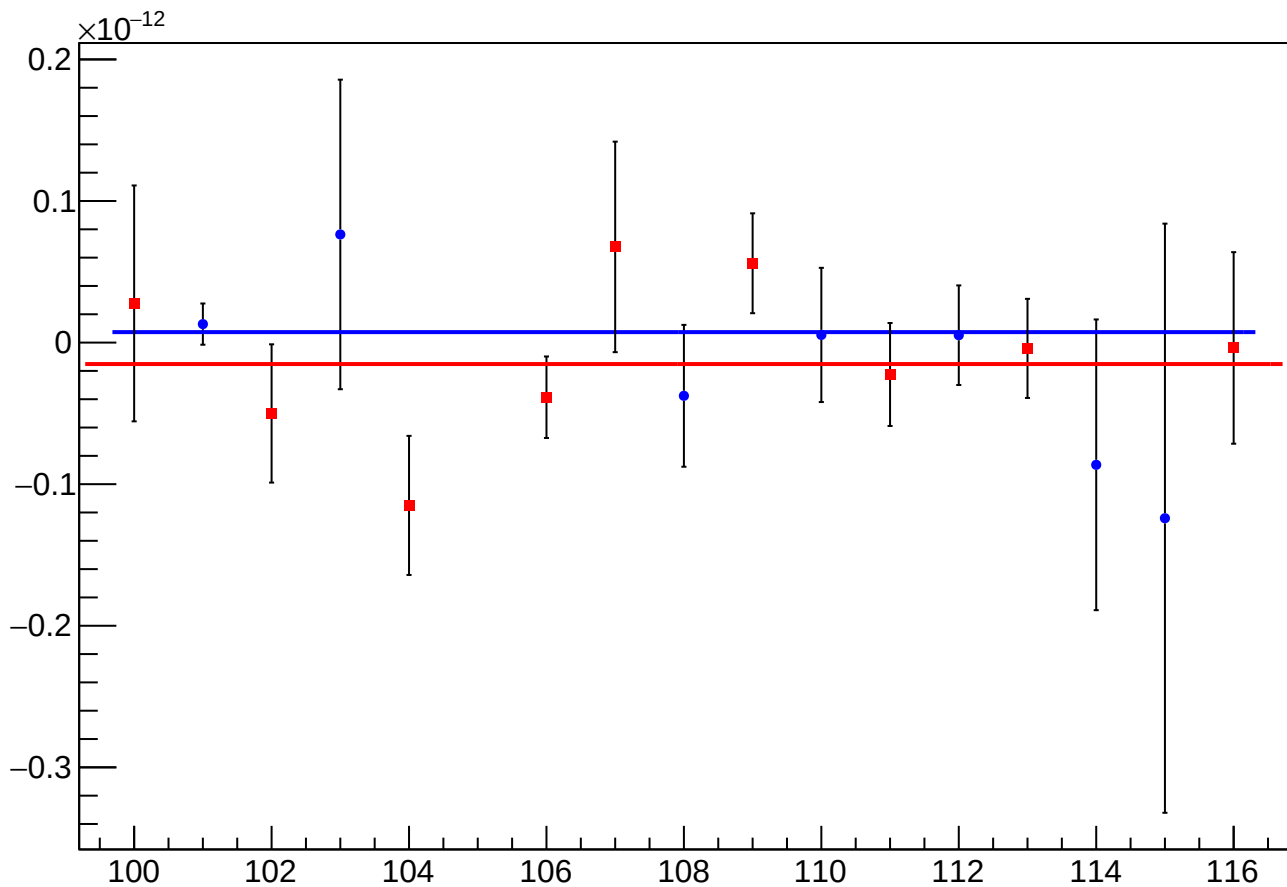
Right: 49.281+/-0.019 χ^2/NDF : 3405661.1/15

In: 53.157+/-0.028 χ^2/NDF : 1358497.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.281+/-0.019 χ^2/NDF : 3405661.1/15

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 : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

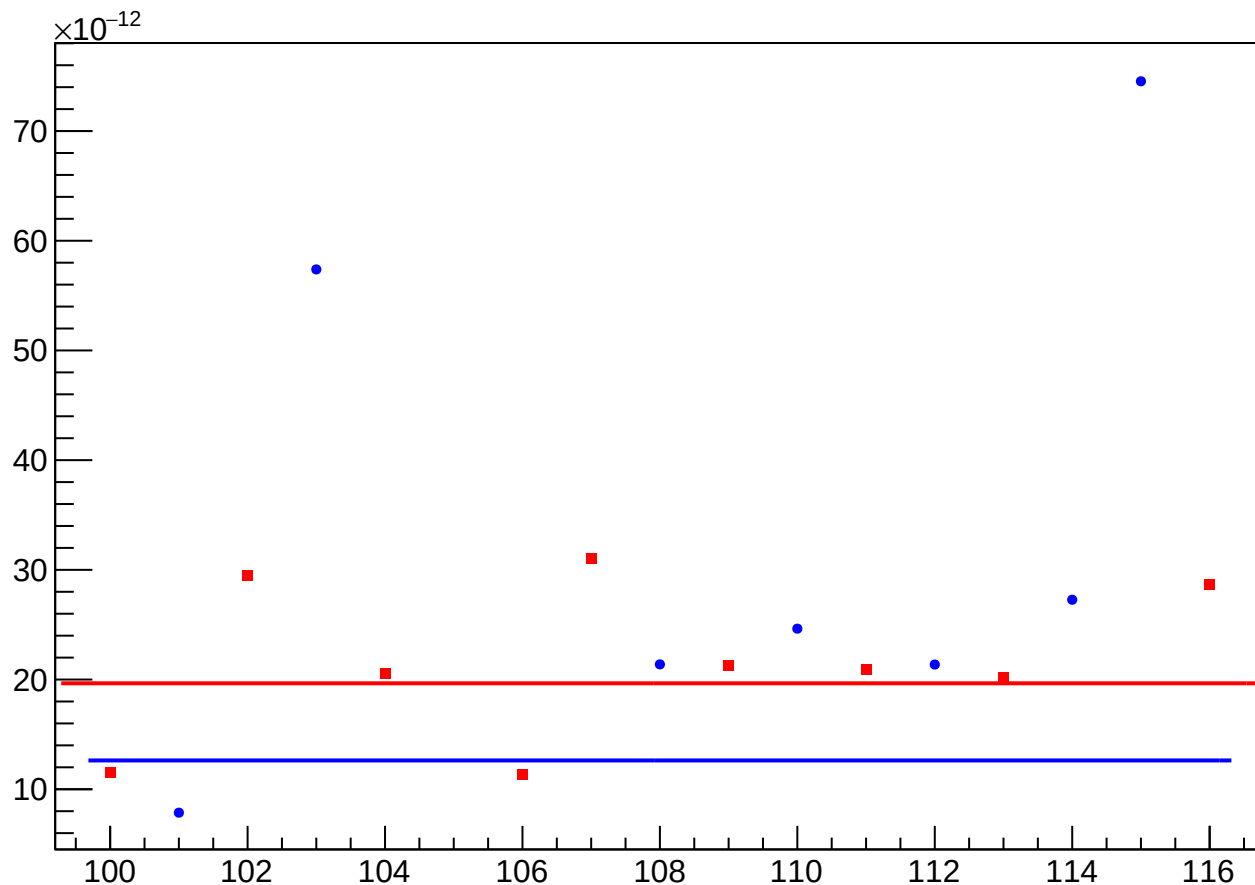
Right: -0.000+/-0.000 χ^2/NDF : 15.1/15

In: 0.000+/-0.000 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.1/15

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 : 1080466.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 355948.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

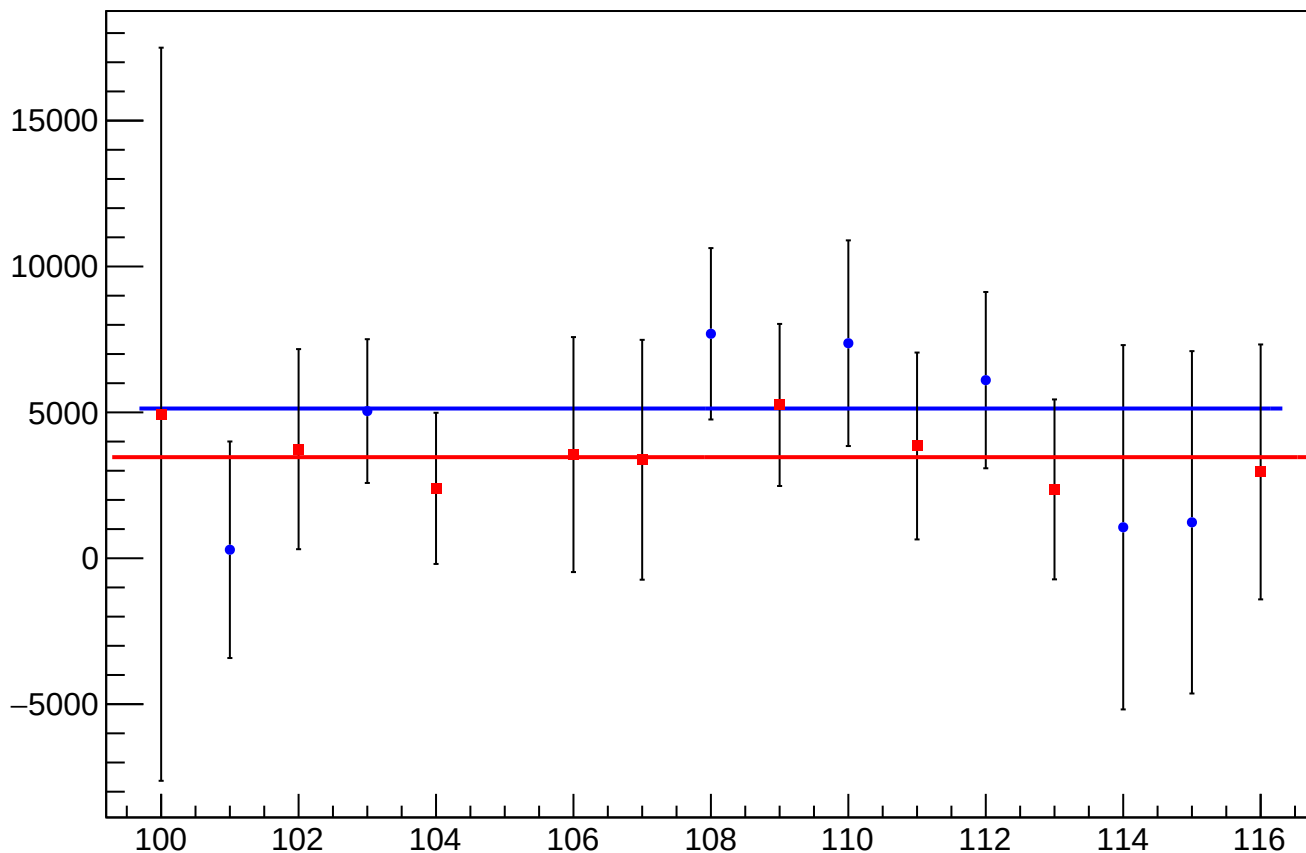
Right: 0.000+/-0.000 χ^2/NDF : 1716058.1/15

In: 0.000+/-0.000 χ^2/NDF : 1080466.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1716058.1/15

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5132.592 $\pm$ 1293.098 χ^2 /NDF: 3.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3465.488 $\pm$ 1157.815 χ^2 /NDF: 0.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

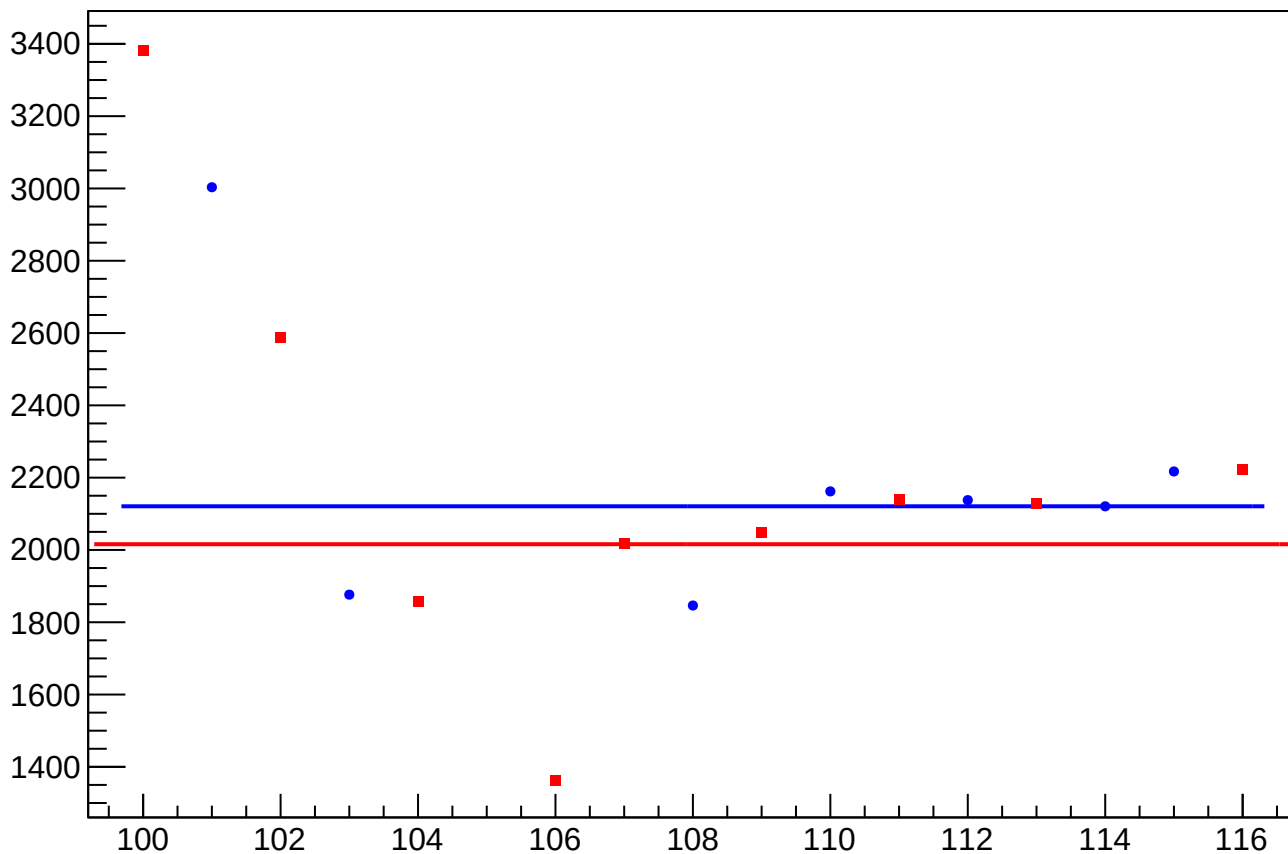
Right: 4207.301 $\pm$ 862.576 χ^2 /NDF: 5.5/15

In: 5132.592 $\pm$ 1293.098 χ^2 /NDF:3.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4207.301 $\pm$ 862.576 χ^2 /NDF: 5.5/15

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2120.785+/-0.914 χ^2/NDF : 151159.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2015.905+/-0.793 χ^2/NDF : 191951.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

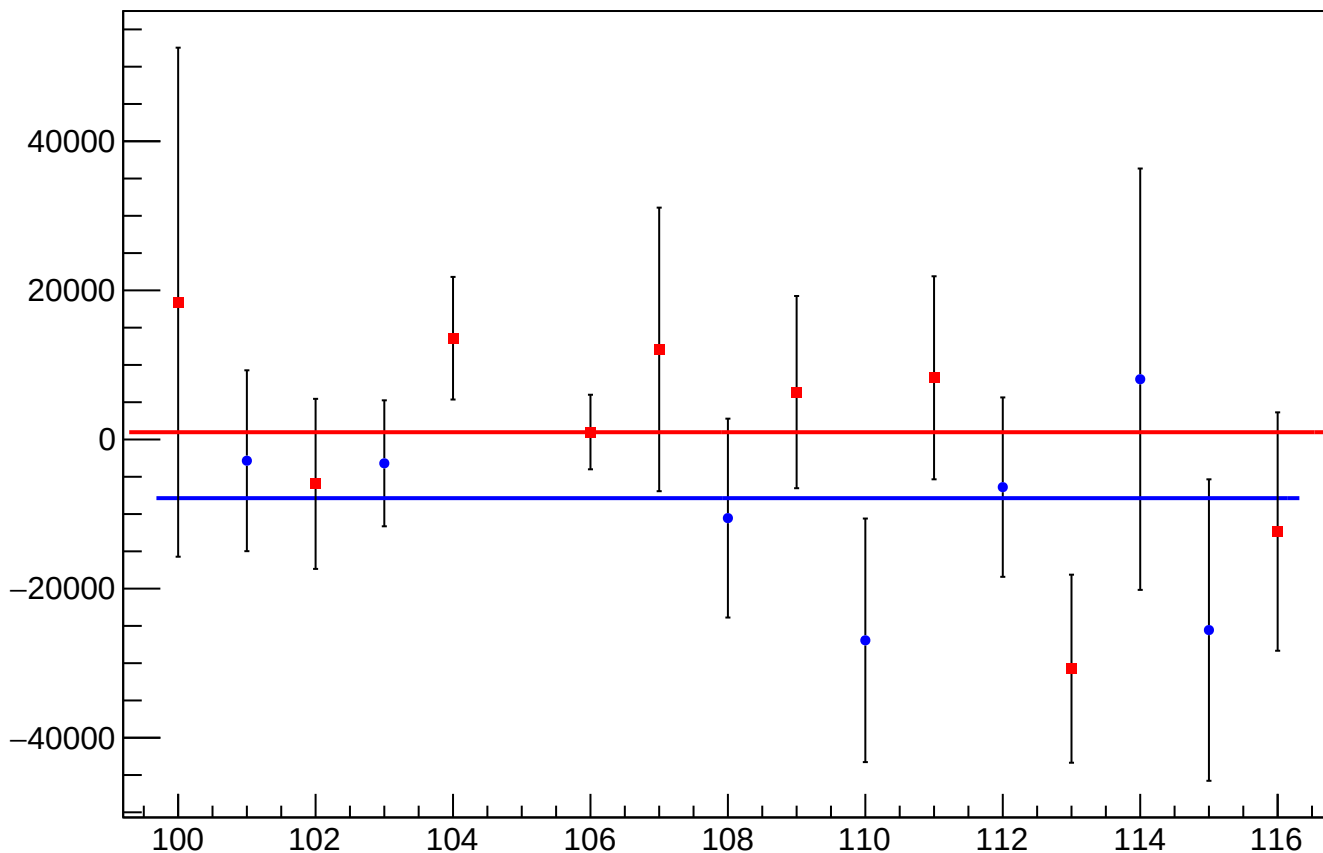
Right: 2060.909+/-0.599 χ^2/NDF : 350621.6/15

In: 2120.785+/-0.914 χ^2/NDF : 151159.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.909+/-0.599 χ^2/NDF : 350621.6/15

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -7866.929+/-4951.470 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.690+/-3376.399 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

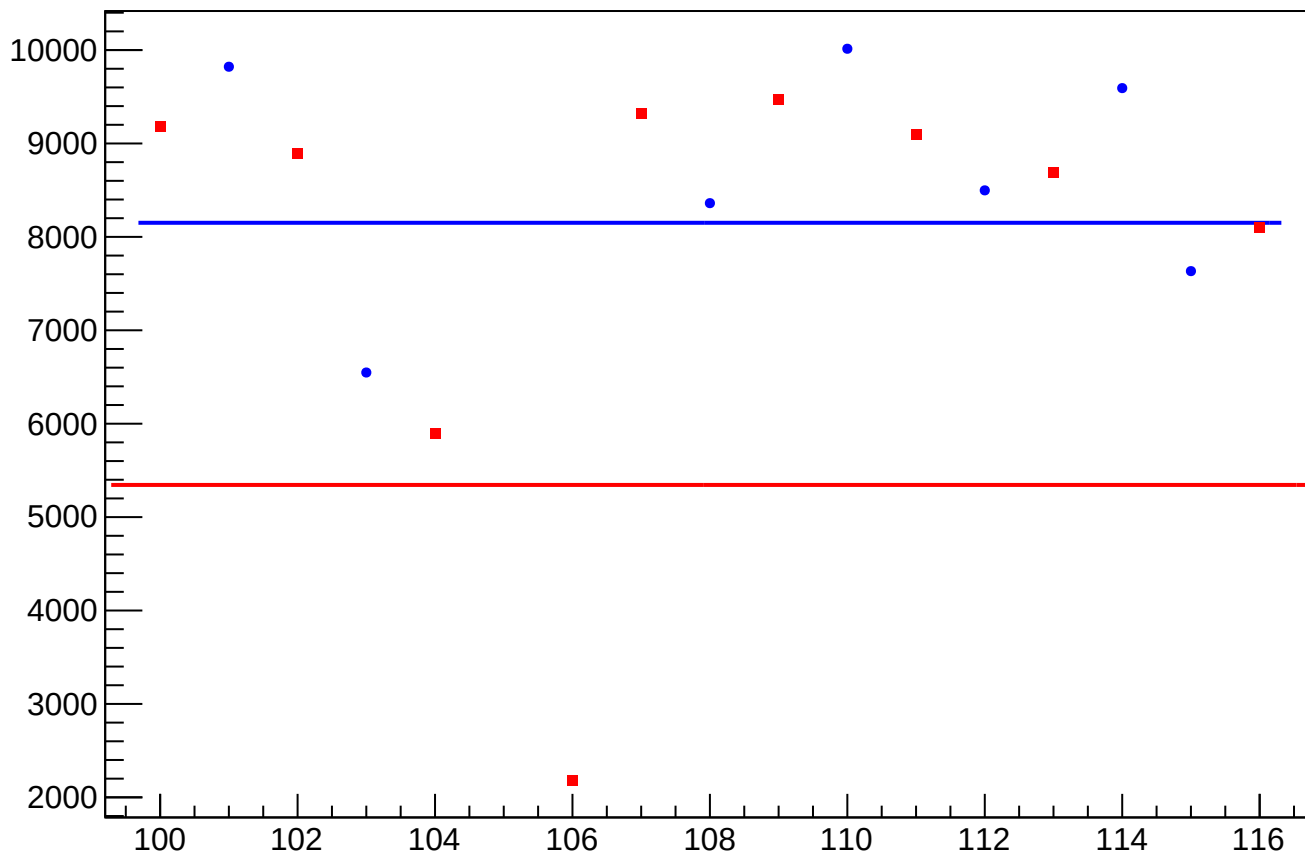
Right: -1829.585+/-2789.569 χ^2/NDF : 16.0/15

In: -7866.929+/-4951.470 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1829.585+/-2789.569 χ^2/NDF : 16.0/15

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8150.966+/-3.501 χ^2/NDF : 144648.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5344.475+/-2.387 χ^2/NDF : 1672651.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

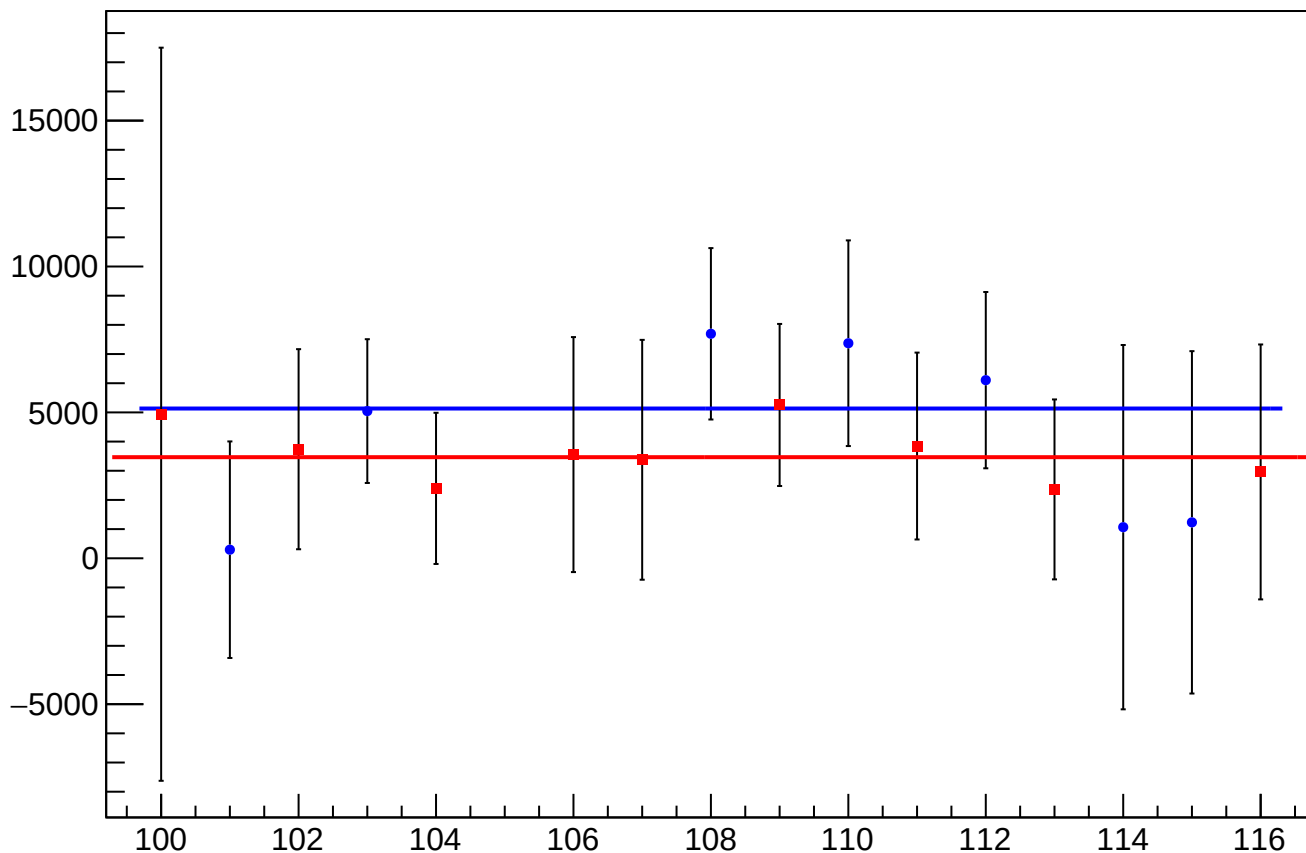
Right: 6235.254+/-1.973 χ^2/NDF : 2255886.6/15

In: 8150.966+/-3.501 χ^2/NDF : 144648.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6235.254+/-1.973 χ^2/NDF : 2255886.6/15

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5132.954+/-1293.098 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3427.117+/-1157.816 χ^2/NDF : 0.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

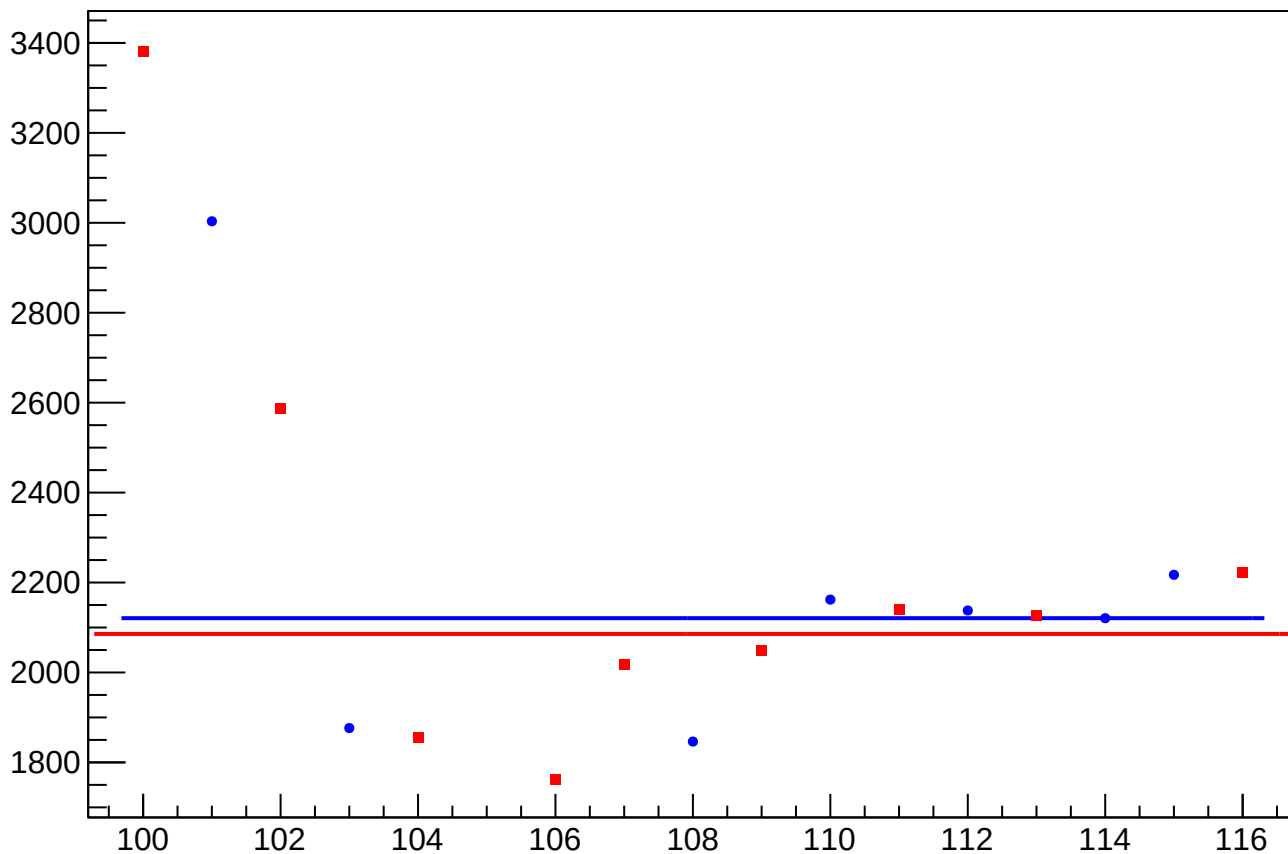
Right: 4207.256+/-862.576 χ^2/NDF : 5.5/15

In: 5132.954+/-1293.098 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4207.256+/-862.576 χ^2/NDF : 5.5/15

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2120.785+/-0.914 χ^2/NDF : 151159.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2085.665+/-0.810 χ^2/NDF : 99675.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

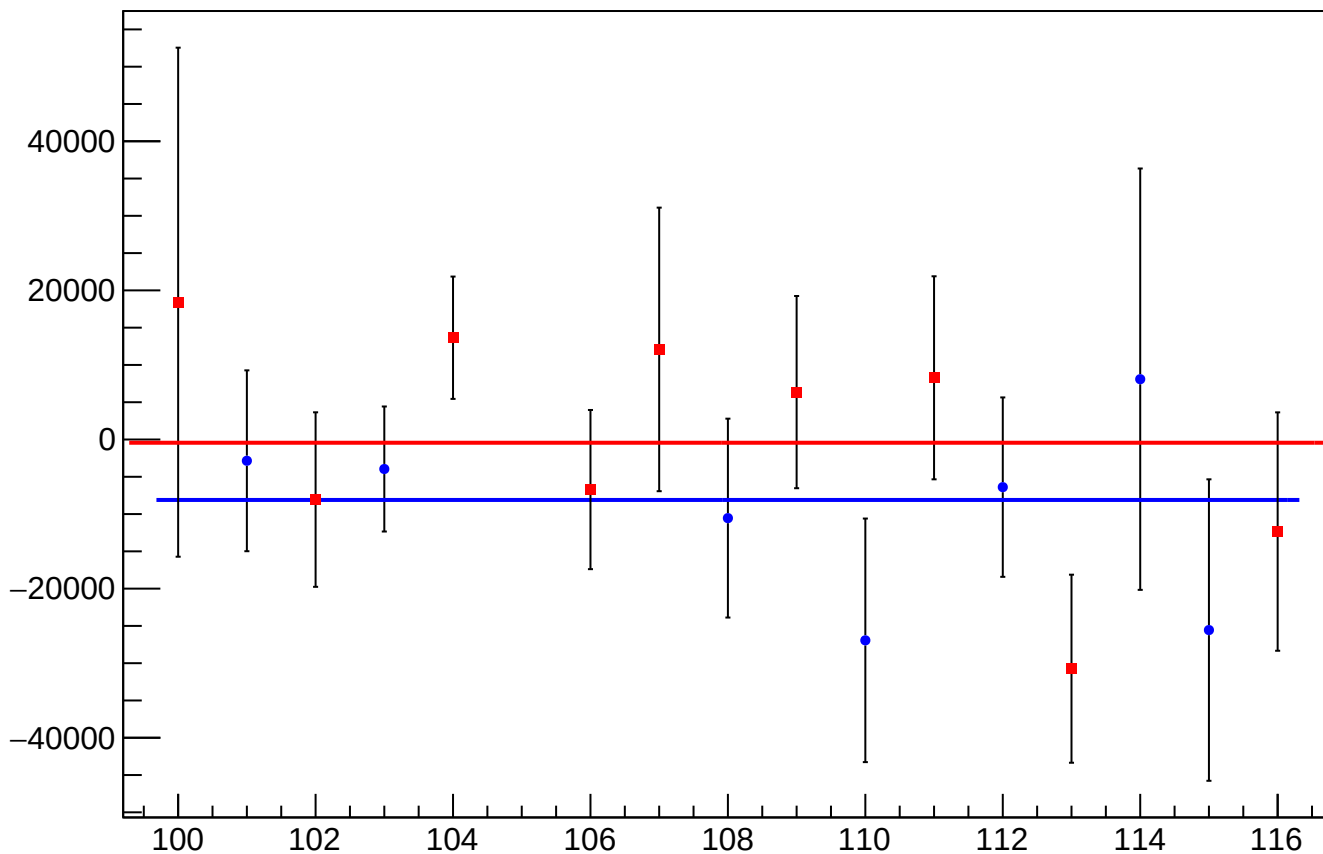
Right: 2101.117+/-0.606 χ^2/NDF : 251661.3/15

In: 2120.785+/-0.914 χ^2/NDF : 151159.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2101.117+/-0.606 χ^2/NDF : 251661.3/15

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -8107.643+/-4938.426 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.521+/-4219.139 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

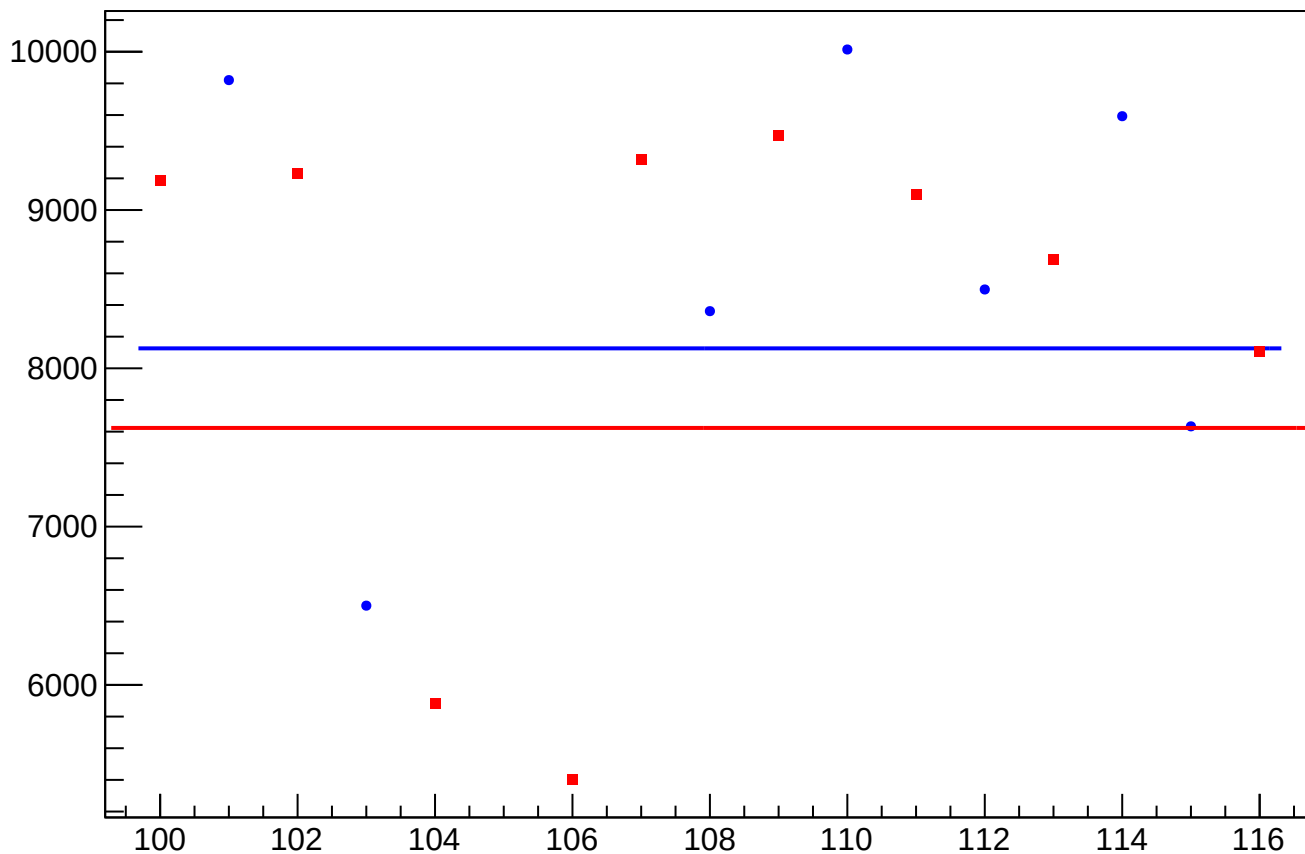
Right: -3672.087+/-3207.834 χ^2/NDF : 15.8/15

In: -8107.643+/-4938.426 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3672.087+/-3207.834 χ^2/NDF : 15.8/15

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8126.054+/-3.492 χ^2/NDF : 150049.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7623.372+/-2.983 χ^2/NDF : 315326.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

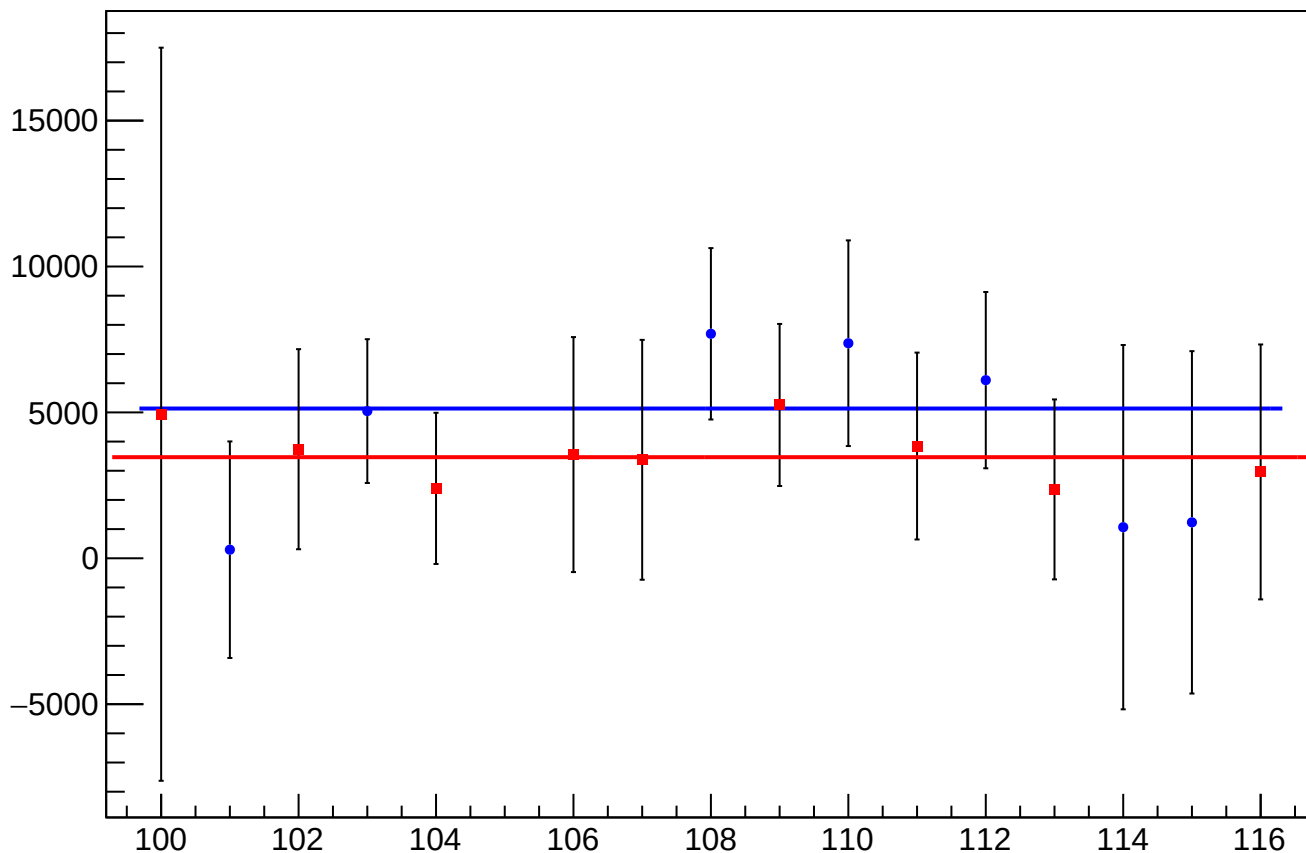
Right: 7835.472+/-2.268 χ^2/NDF : 477354.1/15

In: 8126.054+/-3.492 χ^2/NDF : 150049.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7835.472+/-2.268 χ^2/NDF : 477354.1/15

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5132.954+/-1293.098 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3465.117+/-1157.816 χ^2/NDF : 0.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

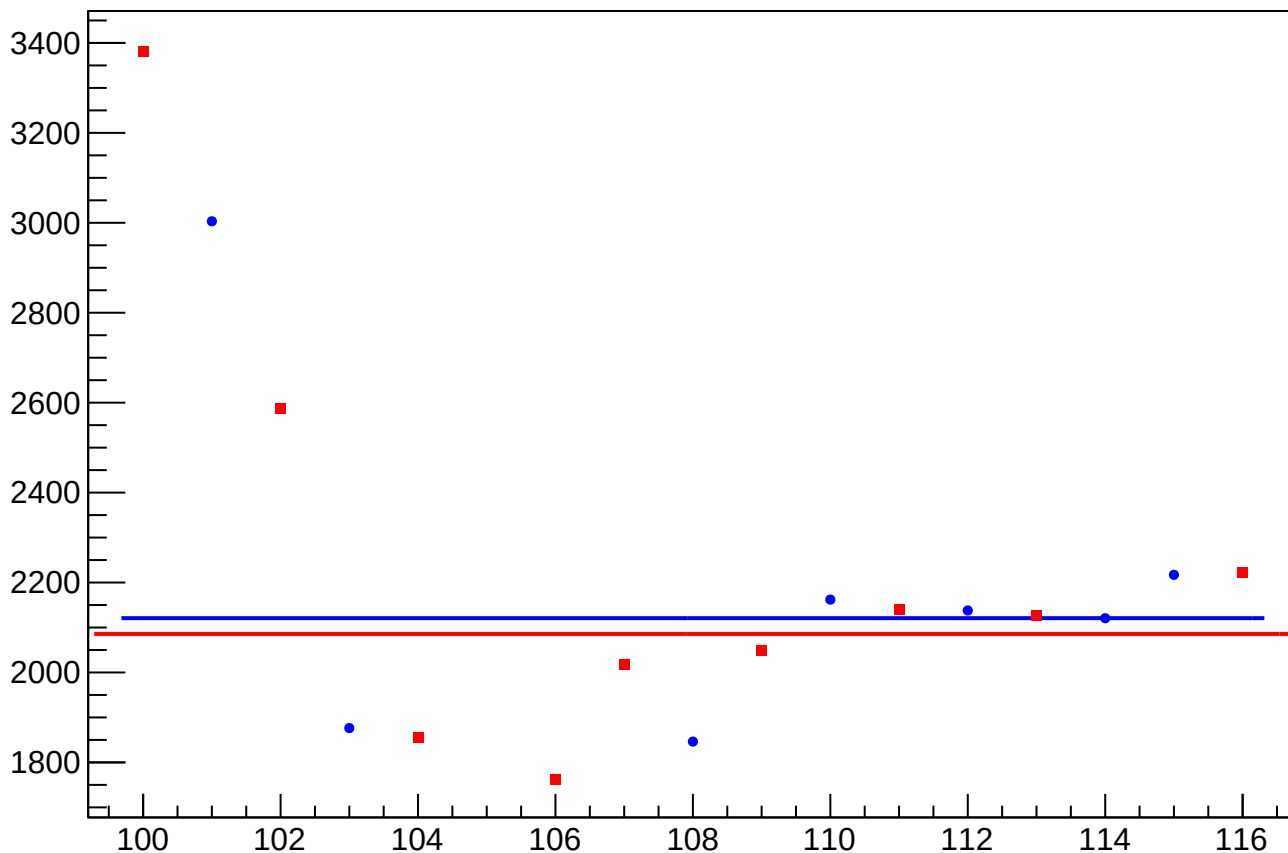
Right: 4207.256+/-862.576 χ^2/NDF : 5.5/15

In: 5132.954+/-1293.098 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4207.256+/-862.576 χ^2/NDF : 5.5/15

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2120.785+/-0.914 χ^2/NDF : 151159.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2085.665+/-0.810 χ^2/NDF : 99675.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

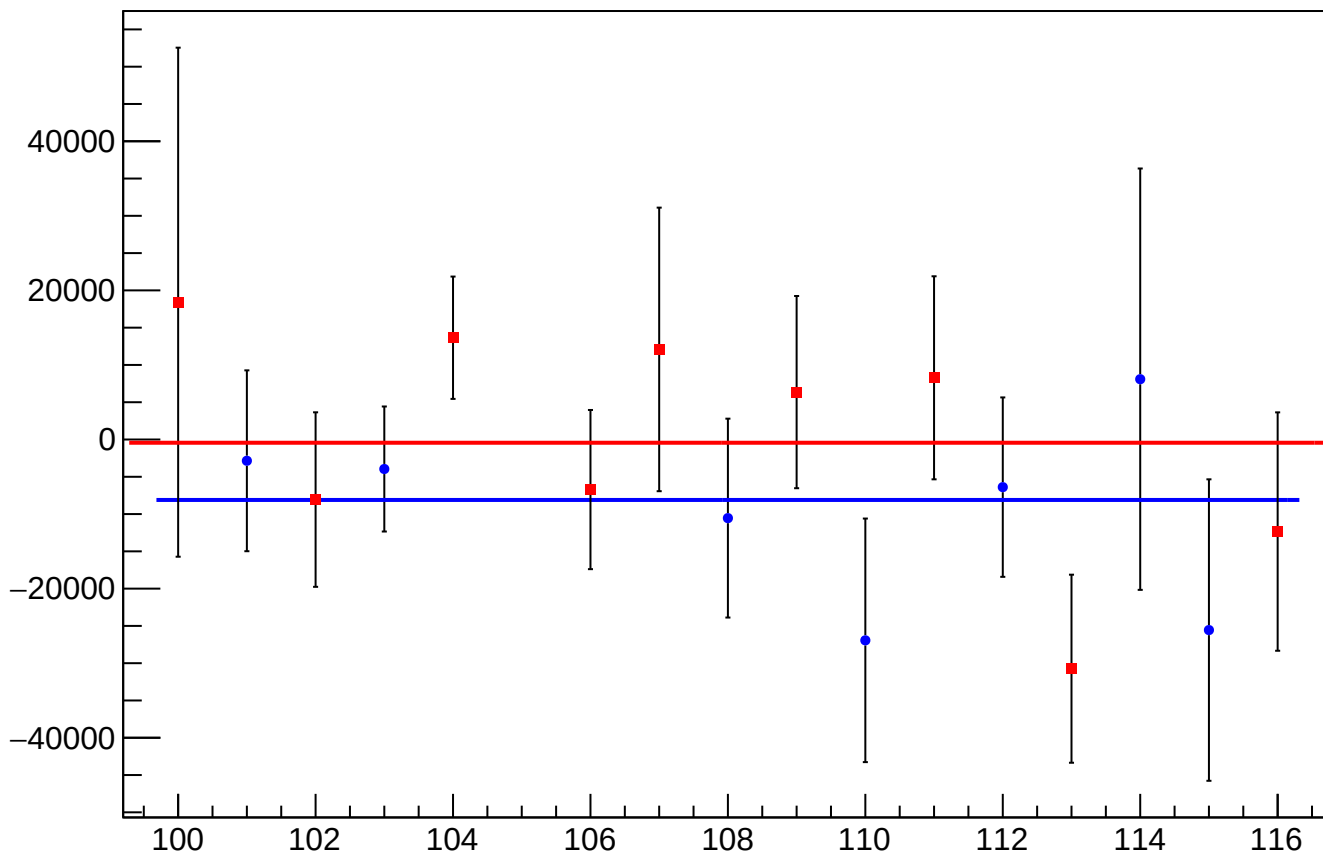
Right: 2101.117+/-0.606 χ^2/NDF : 251661.3/15

In: 2120.785+/-0.914 χ^2/NDF : 151159.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2101.117+/-0.606 χ^2/NDF : 251661.3/15

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -8107.643+/-4938.426 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.521+/-4219.139 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

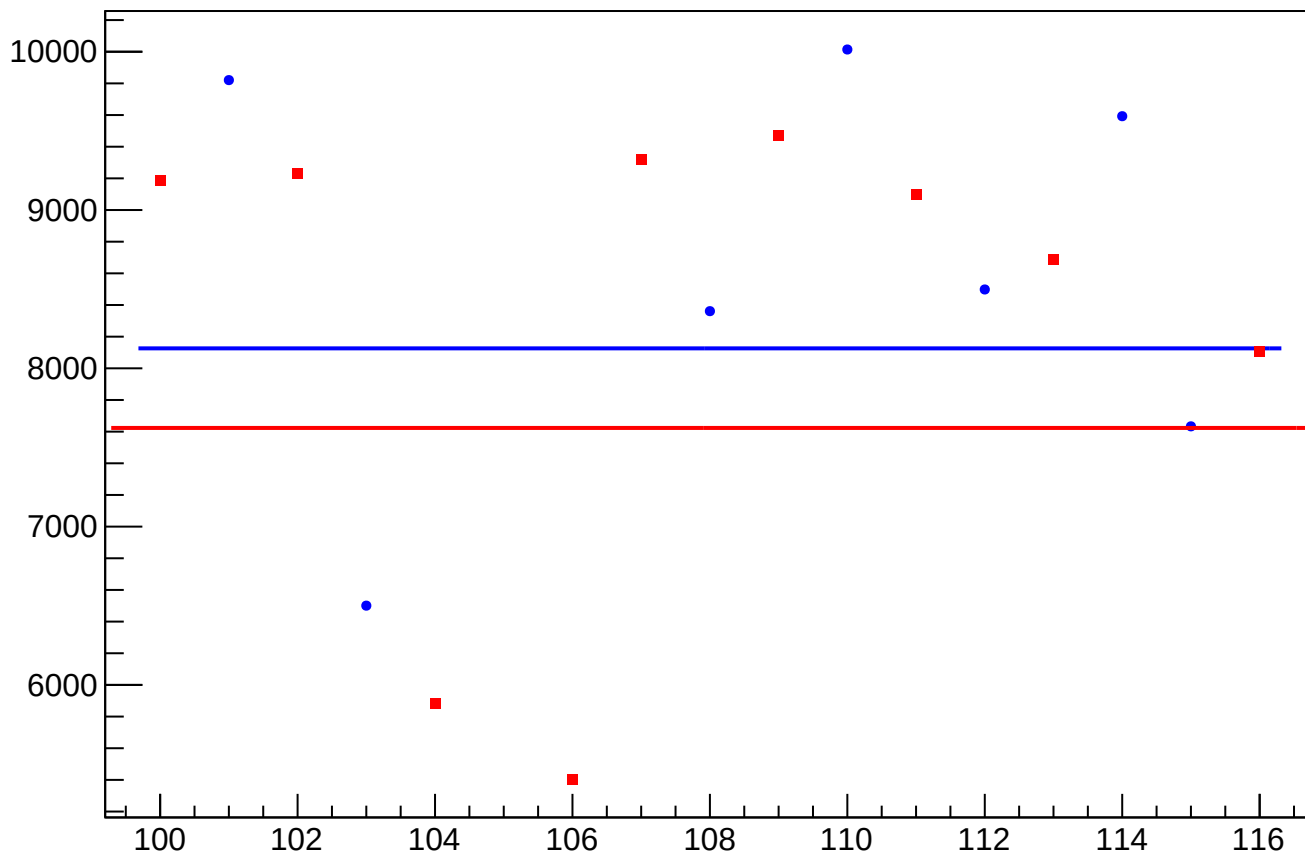
Right: -3672.087+/-3207.834 χ^2/NDF : 15.8/15

In: -8107.643+/-4938.426 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3672.087+/-3207.834 χ^2/NDF : 15.8/15

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8126.054+/-3.492 χ^2/NDF : 150049.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7623.372+/-2.983 χ^2/NDF : 315326.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

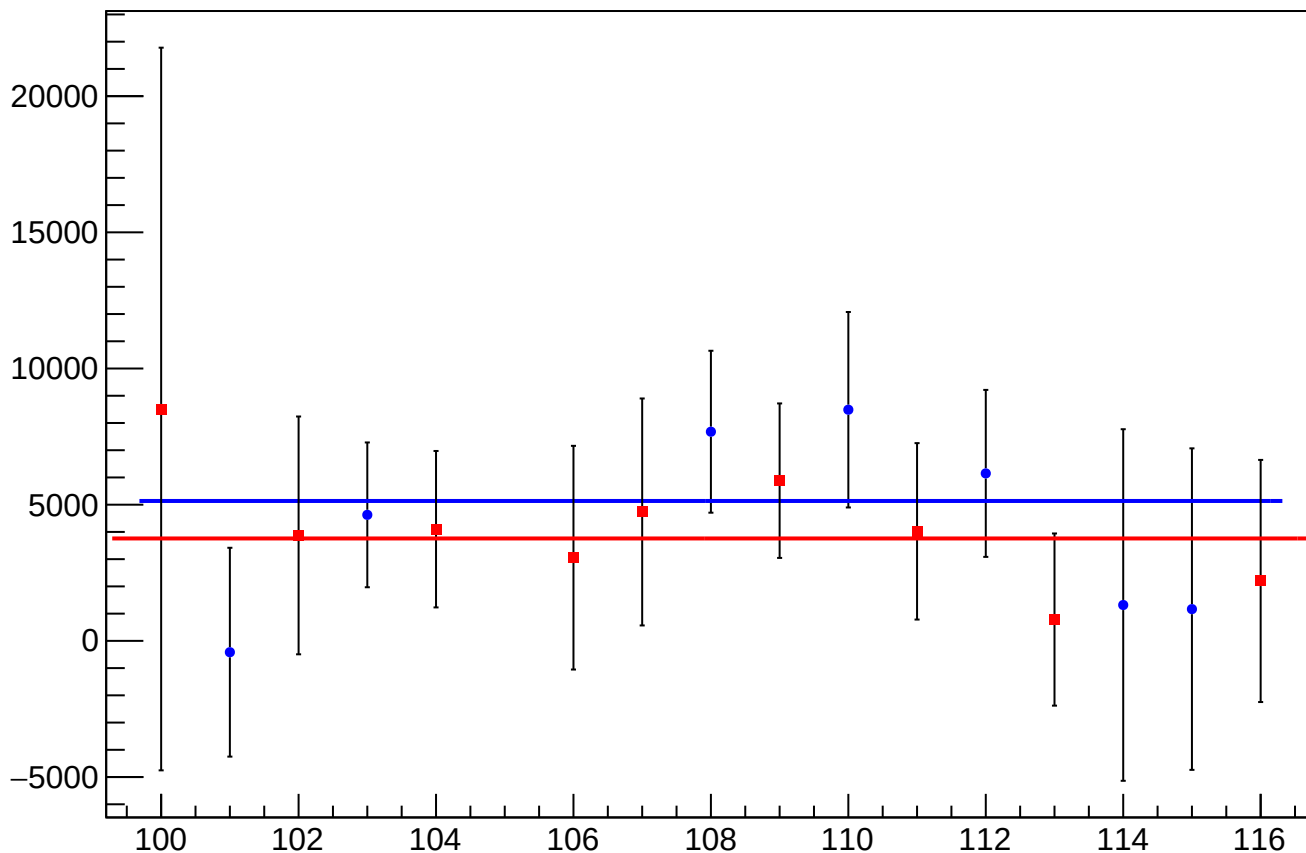
Right: 7835.472+/-2.268 χ^2/NDF : 477354.1/15

In: 8126.054+/-3.492 χ^2/NDF : 150049.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7835.472+/-2.268 χ^2/NDF : 477354.1/15

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5136.601+/-1336.879 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3759.955+/-1224.760 χ^2/NDF : 1.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

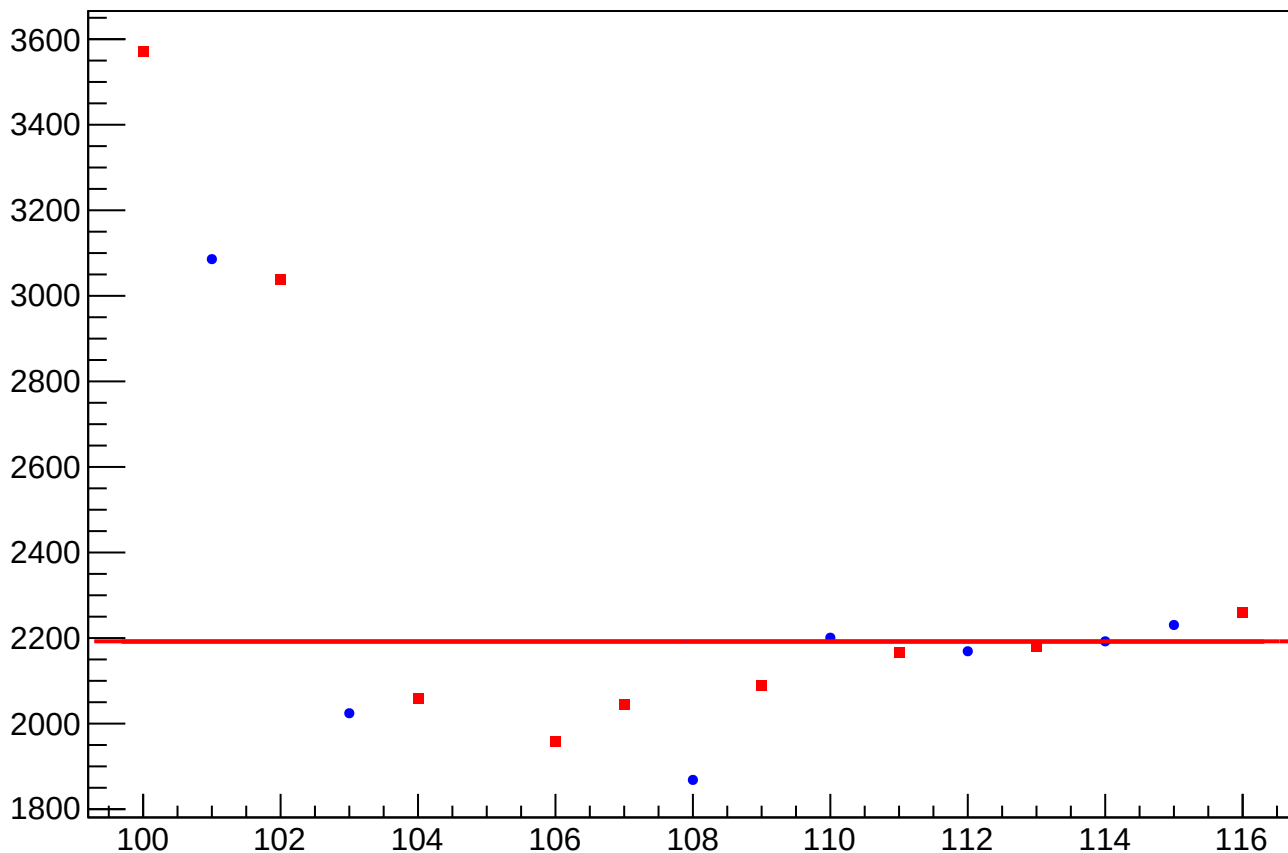
Right: 4388.139+/-903.076 χ^2/NDF : 7.0/15

In: 5136.601+/-1336.879 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4388.139+/-903.076 χ^2/NDF : 7.0/15

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2191.685+/-0.945 χ^2/NDF : 140582.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2192.377+/-0.865 χ^2/NDF : 113673.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

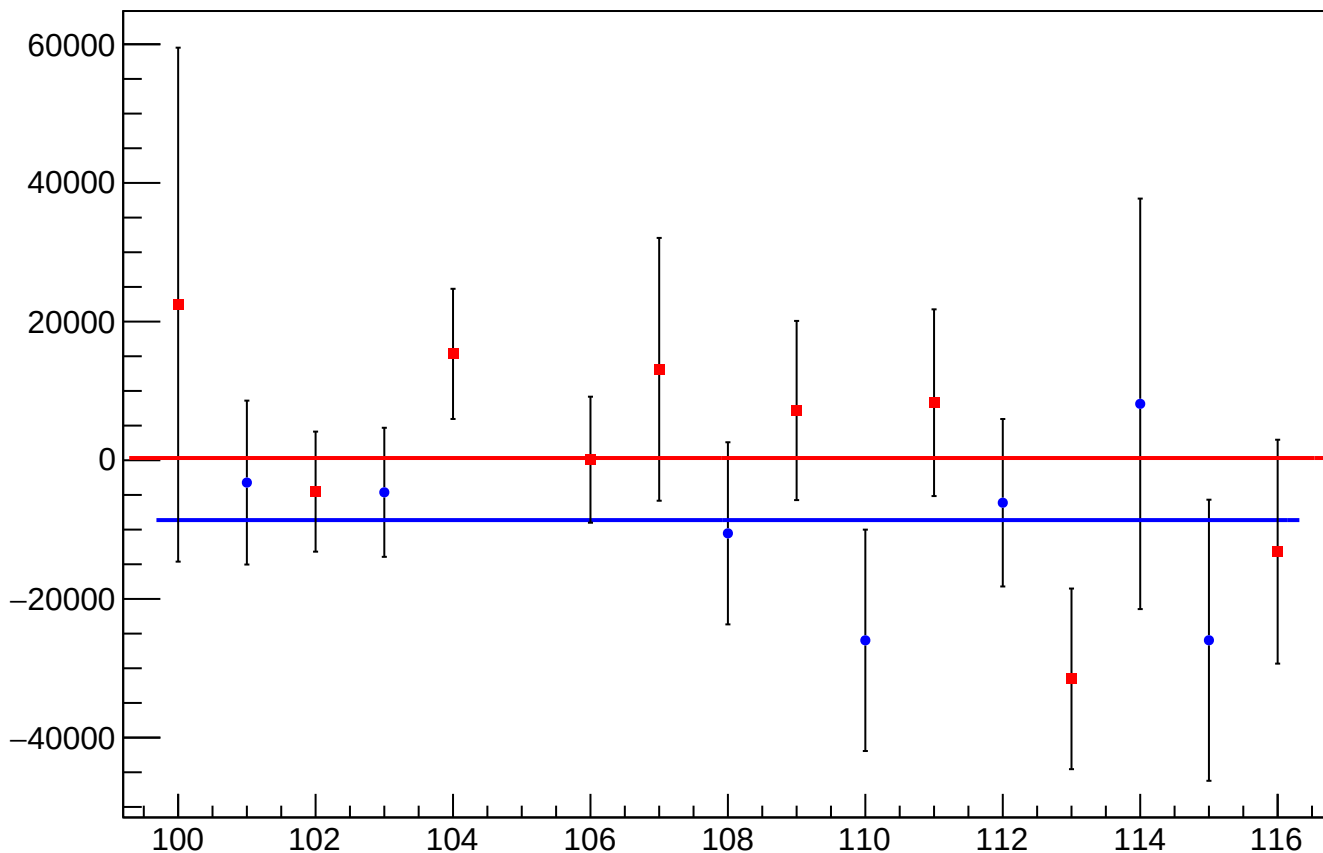
Right: 2192.061+/-0.638 χ^2/NDF : 254256.8/15

In: 2191.685+/-0.945 χ^2/NDF :140582.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2192.061+/-0.638 χ^2/NDF : 254256.8/15

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -8628.855+/-5073.179 χ^2/NDF : 2.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.223+/-4030.911 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

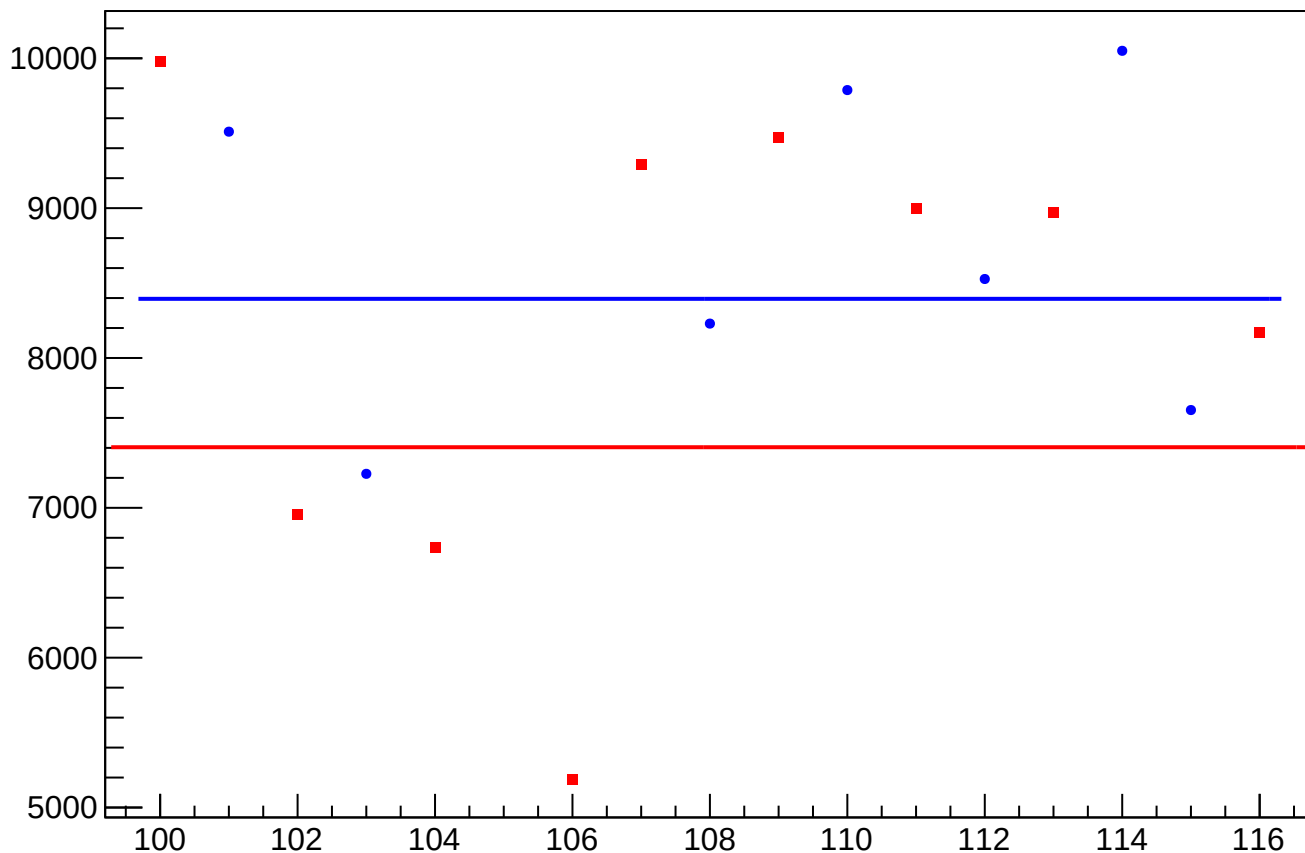
Right: -3140.595+/-3155.980 χ^2/NDF : 15.6/15

In: -8628.855+/-5073.179 χ^2/NDF : 2.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3140.595+/-3155.980 χ^2/NDF : 15.6/15

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8394.774+/-3.587 χ^2/NDF : 74029.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7404.434+/-2.850 χ^2/NDF : 276850.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

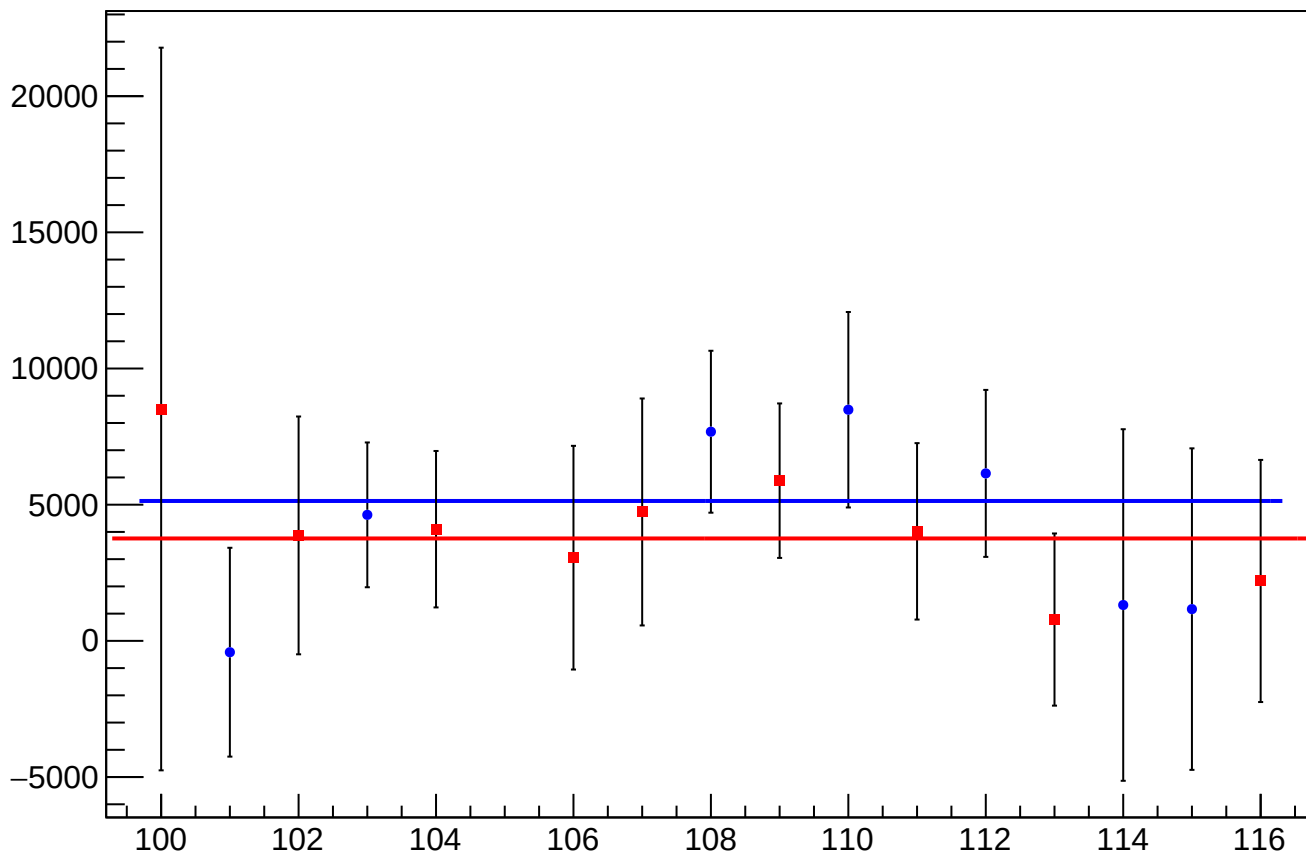
Right: 7787.693+/-2.232 χ^2/NDF : 397600.3/15

In: 8394.774+/-3.587 χ^2/NDF : 74029.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7787.693+/-2.232 χ^2/NDF : 397600.3/15

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5136.613+/-1336.879 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3759.963+/-1224.759 χ^2/NDF : 1.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

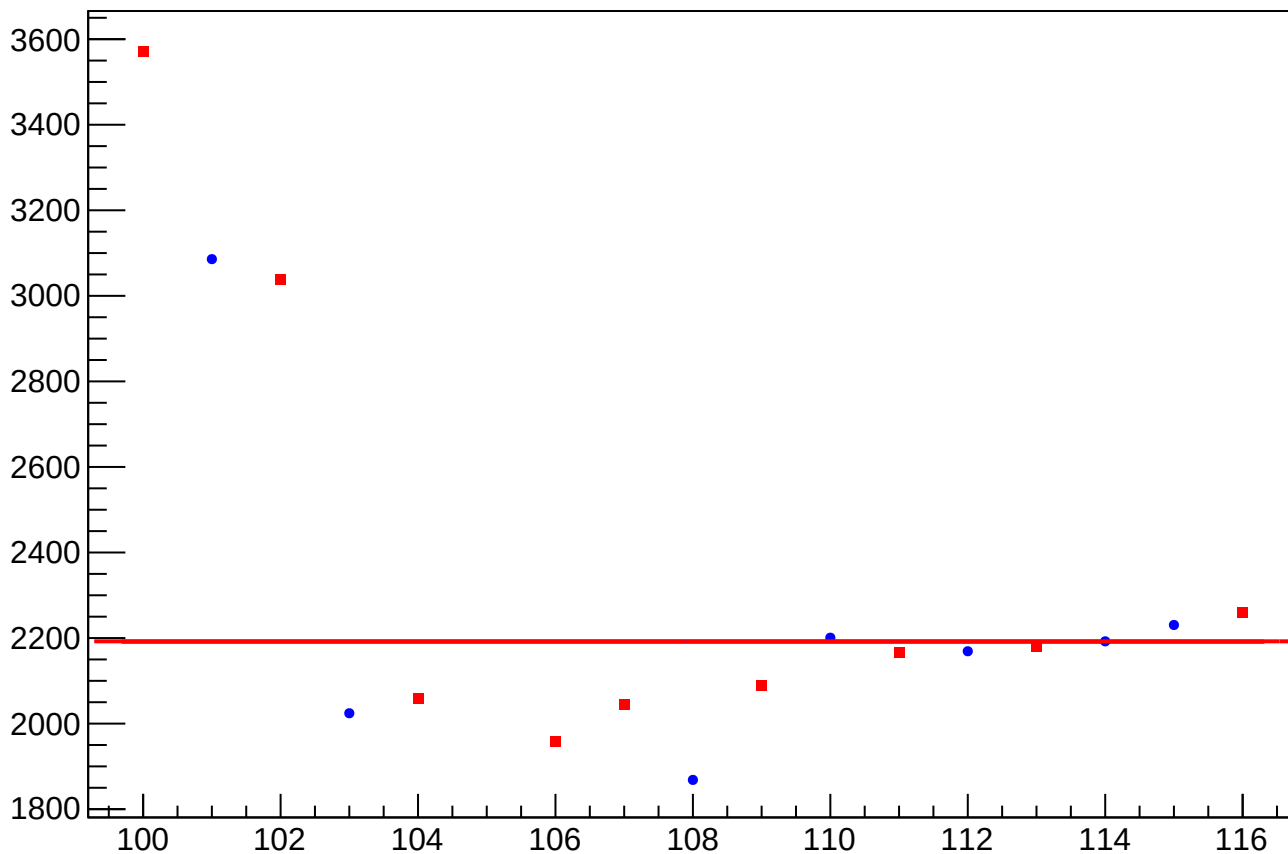
Right: 4388.149+/-903.076 χ^2/NDF : 7.0/15

In: 5136.613+/-1336.879 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4388.149+/-903.076 χ^2/NDF : 7.0/15

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2191.684+/-0.945 χ^2/NDF : 140582.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.376+/-0.865 χ^2/NDF : 113673.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

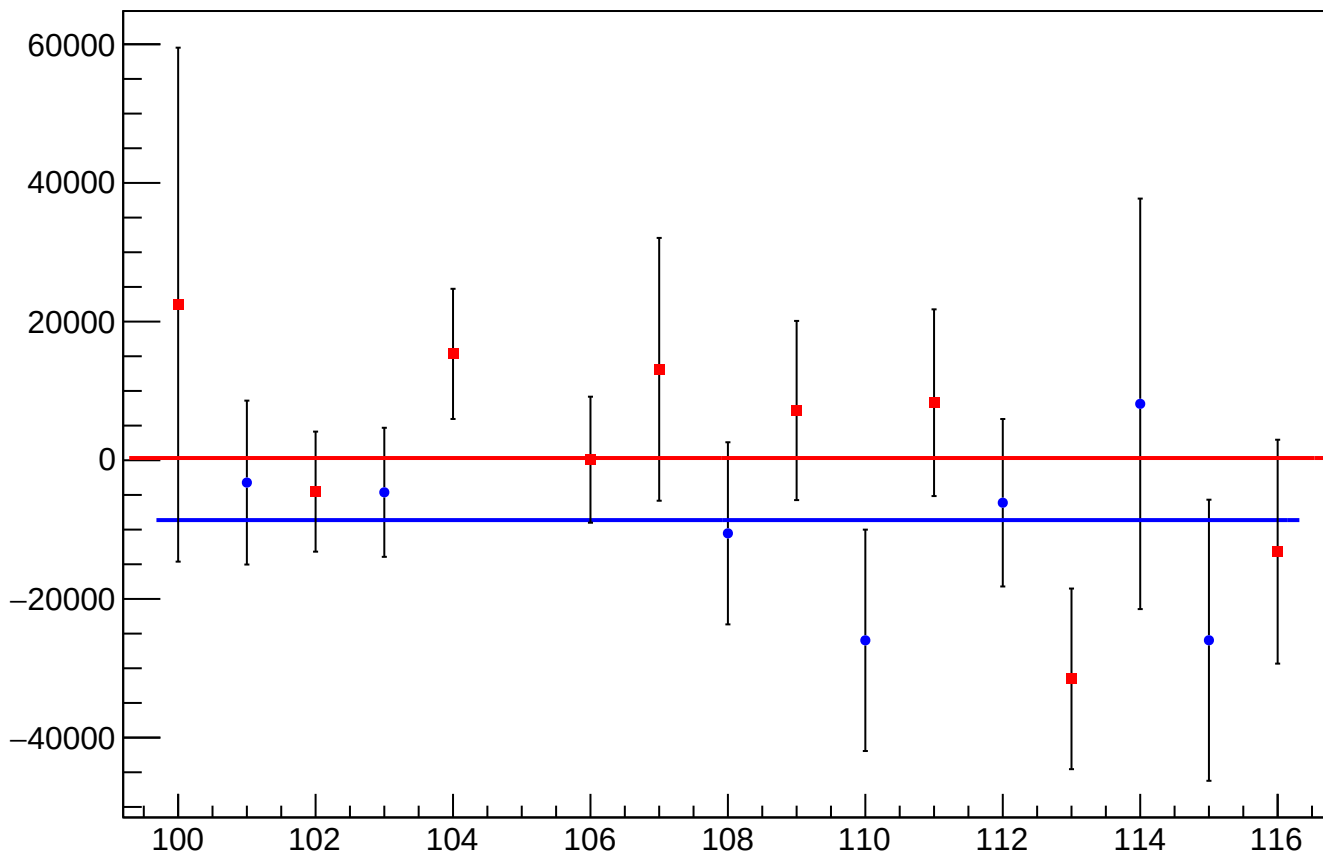
Right: 2192.061+/-0.638 χ^2/NDF : 254256.6/15

In: 2191.684+/-0.945 χ^2/NDF : 140582.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.061+/-0.638 χ^2/NDF : 254256.6/15

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -8628.853+/-5073.171 χ^2/NDF : 2.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.228+/-4030.904 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

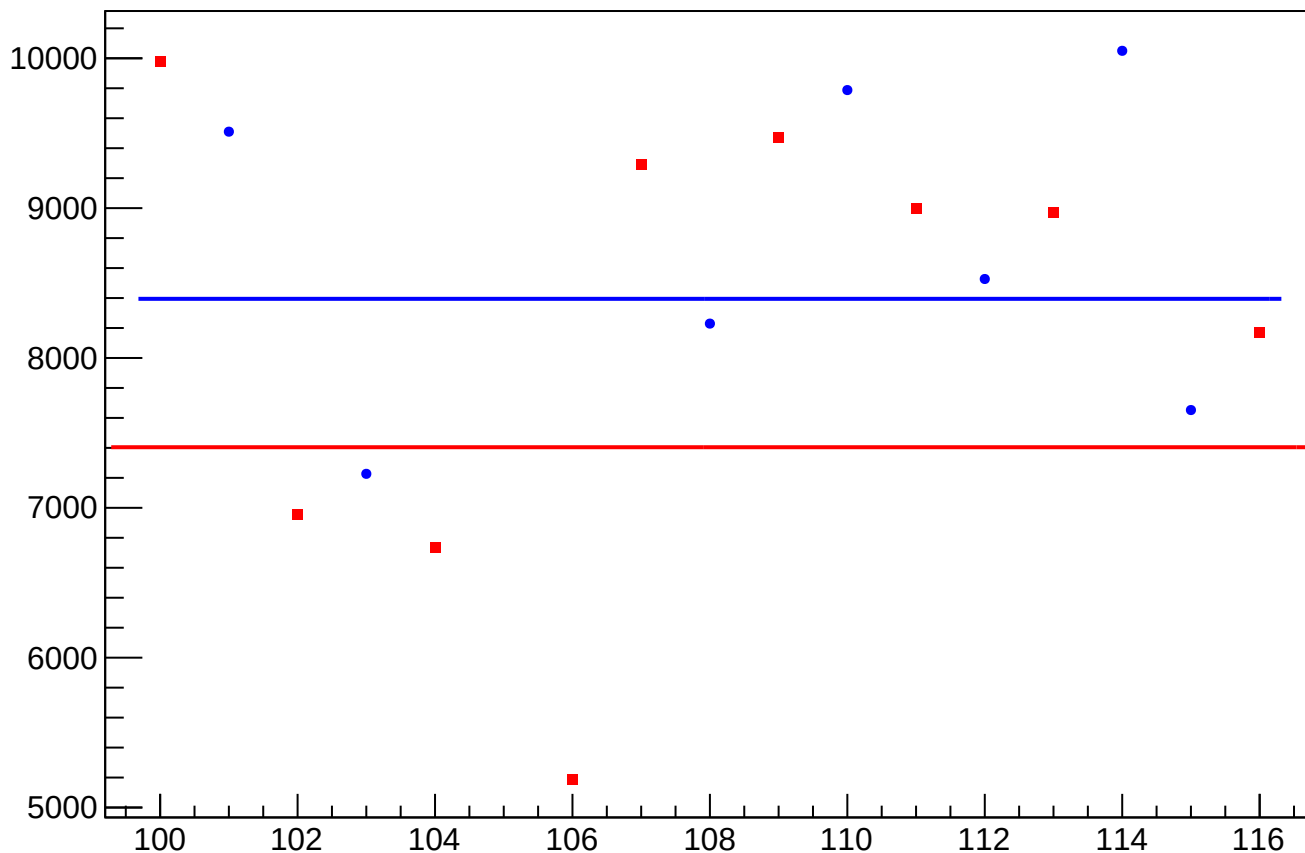
Right: -3140.591+/-3155.975 χ^2/NDF : 15.6/15

In: -8628.853+/-5073.171 χ^2/NDF : 2.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3140.591+/-3155.975 χ^2/NDF : 15.6/15

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8394.761+/-3.587 χ^2/NDF : 74029.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7404.421+/-2.850 χ^2/NDF : 276849.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

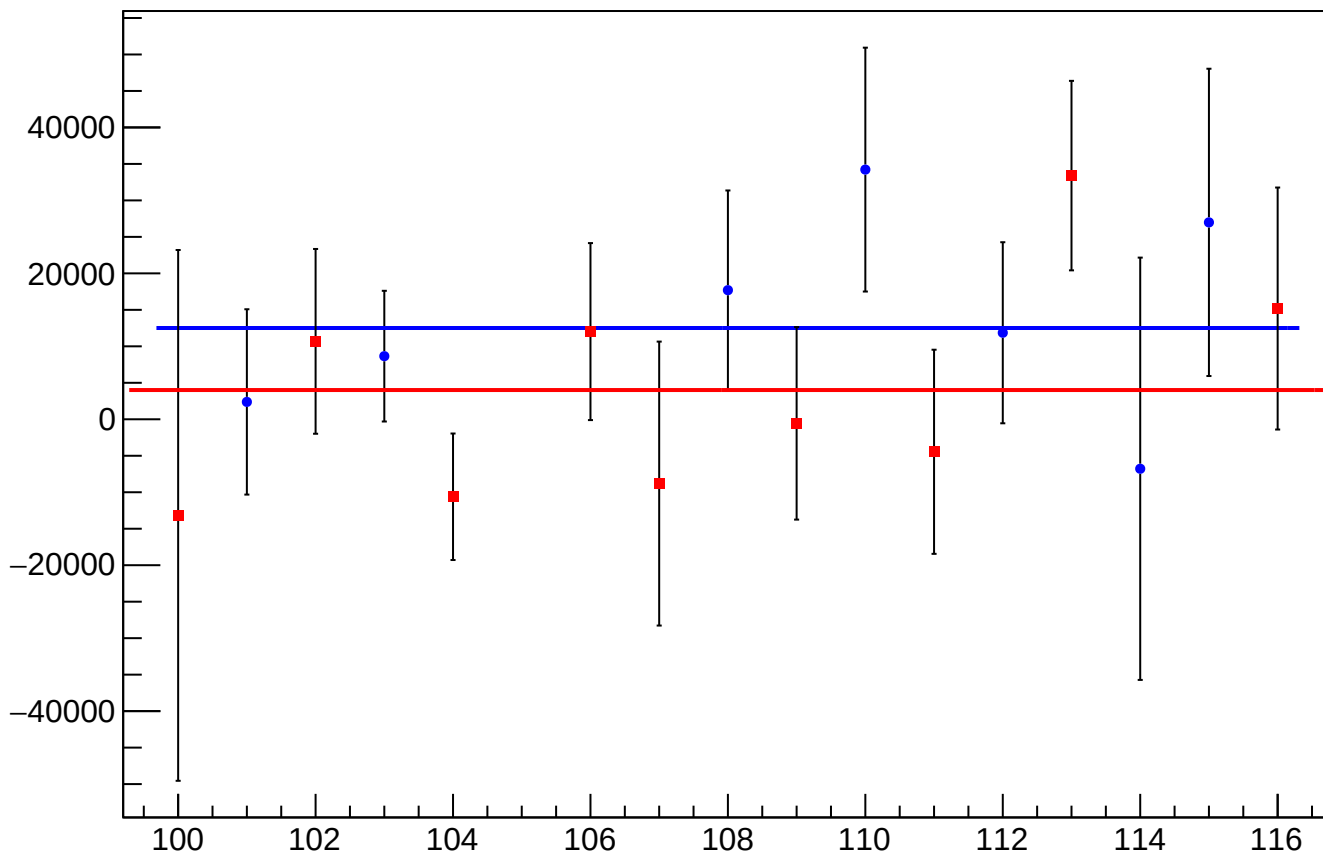
Right: 7787.680+/-2.232 χ^2/NDF : 397598.7/15

In: 8394.761+/-3.587 χ^2/NDF : 74029.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7787.680+/-2.232 χ^2/NDF : 397598.7/15

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 12510.999+/-5160.876 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4008.328+/-4465.133 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

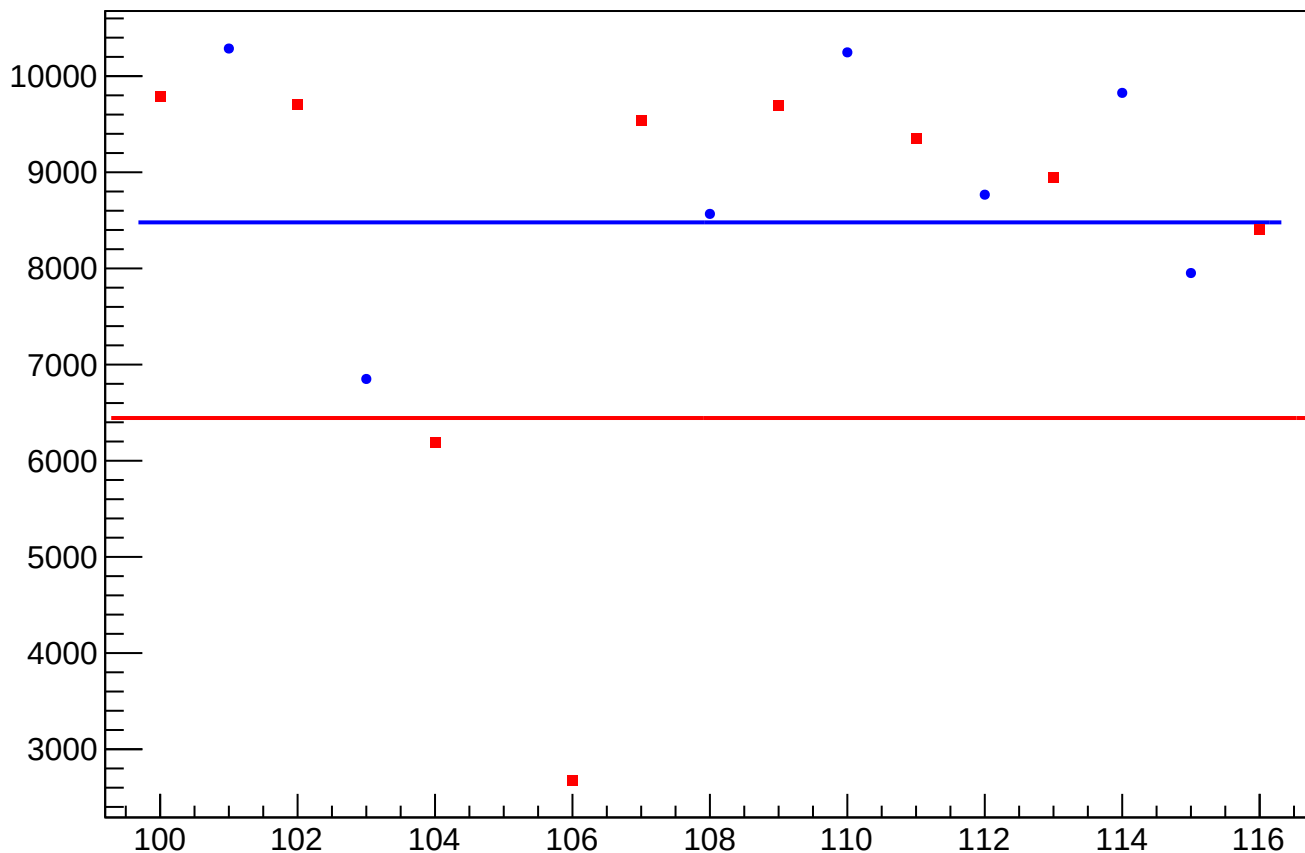
Right: 7648.306+/-3376.721 χ^2/NDF : 15.4/15

In: 12510.999+/-5160.876 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7648.306+/-3376.721 χ^2/NDF : 15.4/15

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8478.955+/-3.649 χ^2/NDF : 135761.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6444.458+/-2.764 χ^2/NDF : 1139124.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

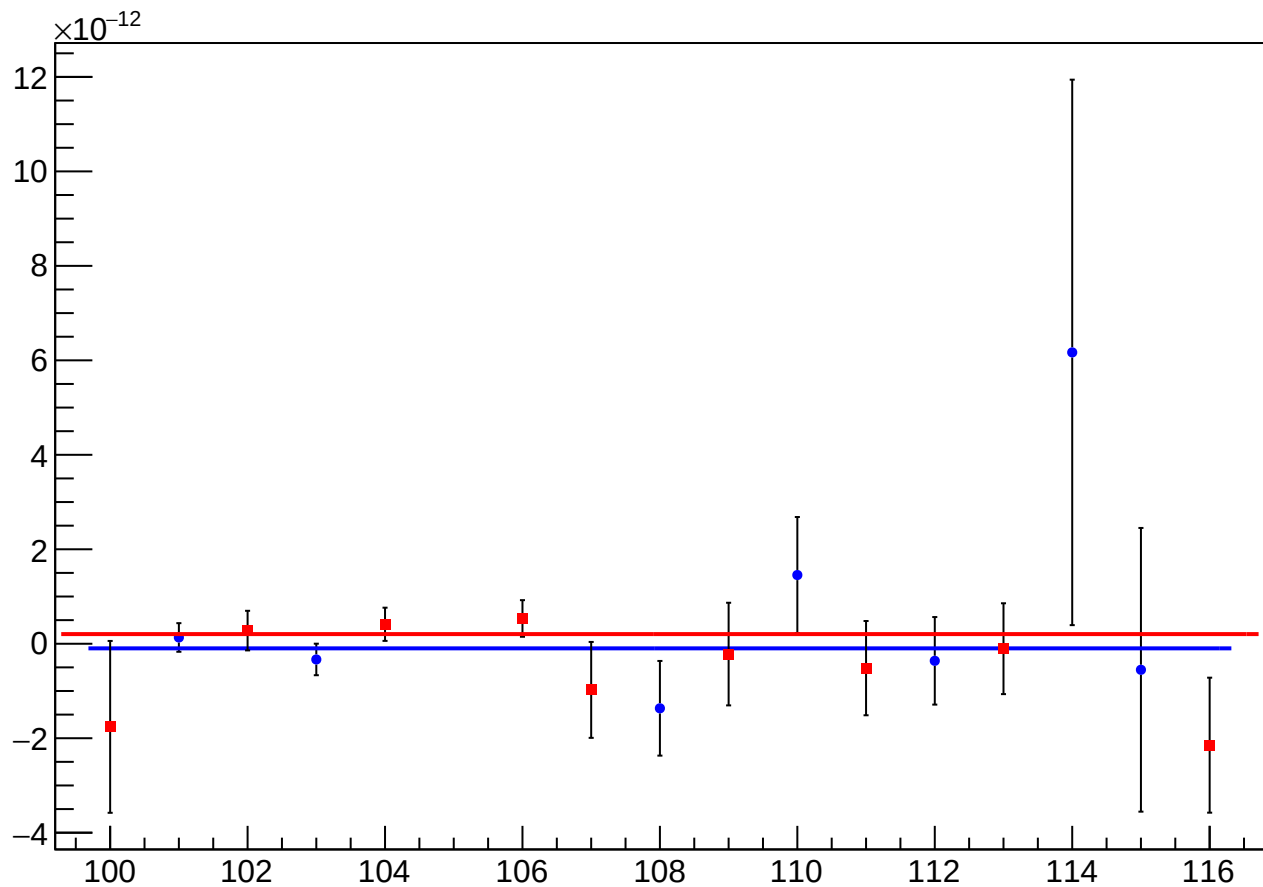
Right: 7186.254+/-2.203 χ^2/NDF : 1472384.2/15

In: 8478.955+/-3.649 χ^2/NDF : 135761.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7186.254+/-2.203 χ^2/NDF : 1472384.2/15

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

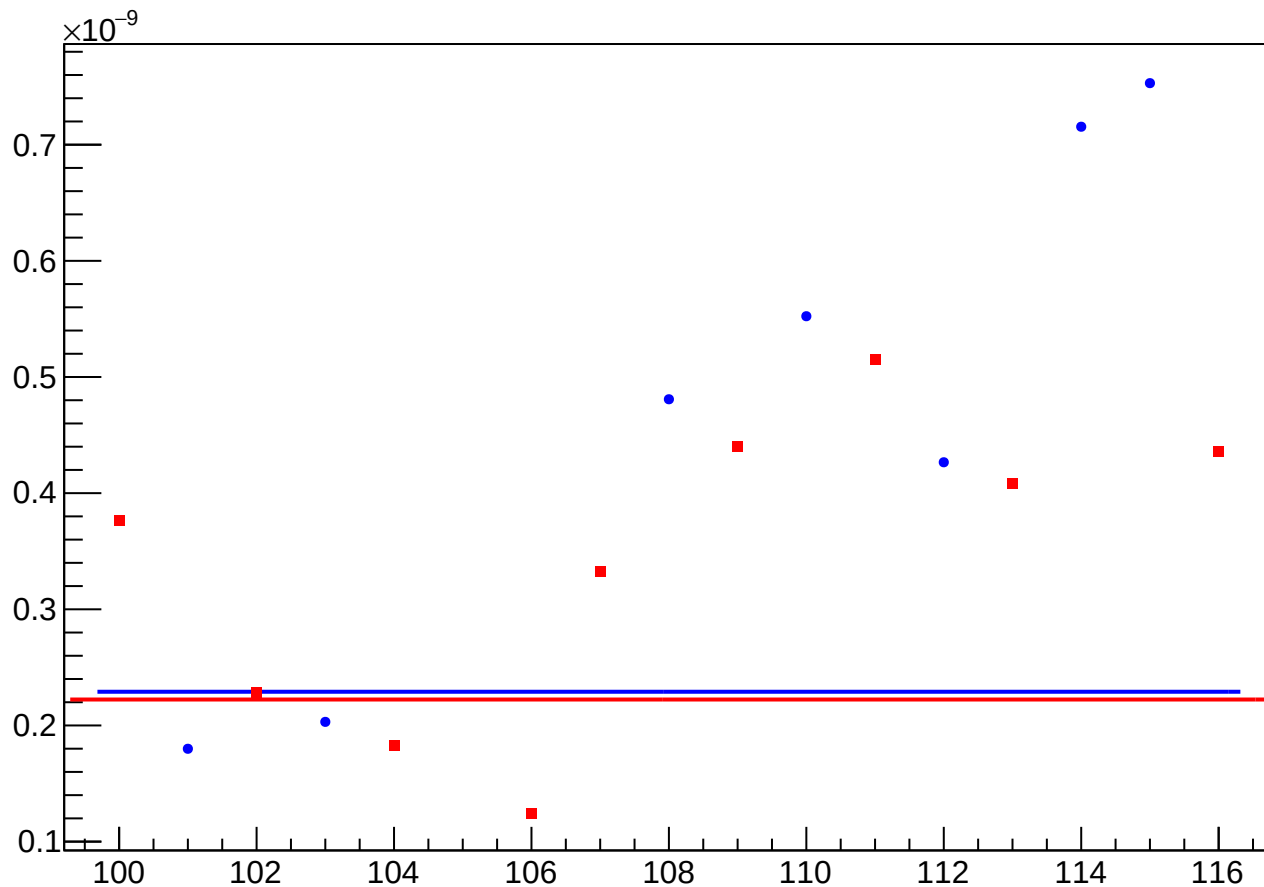
Right: 0.000+/-0.000 χ^2/NDF : 13.8/15

In: -0.000+/-0.000 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/15

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 495455.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 564279.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

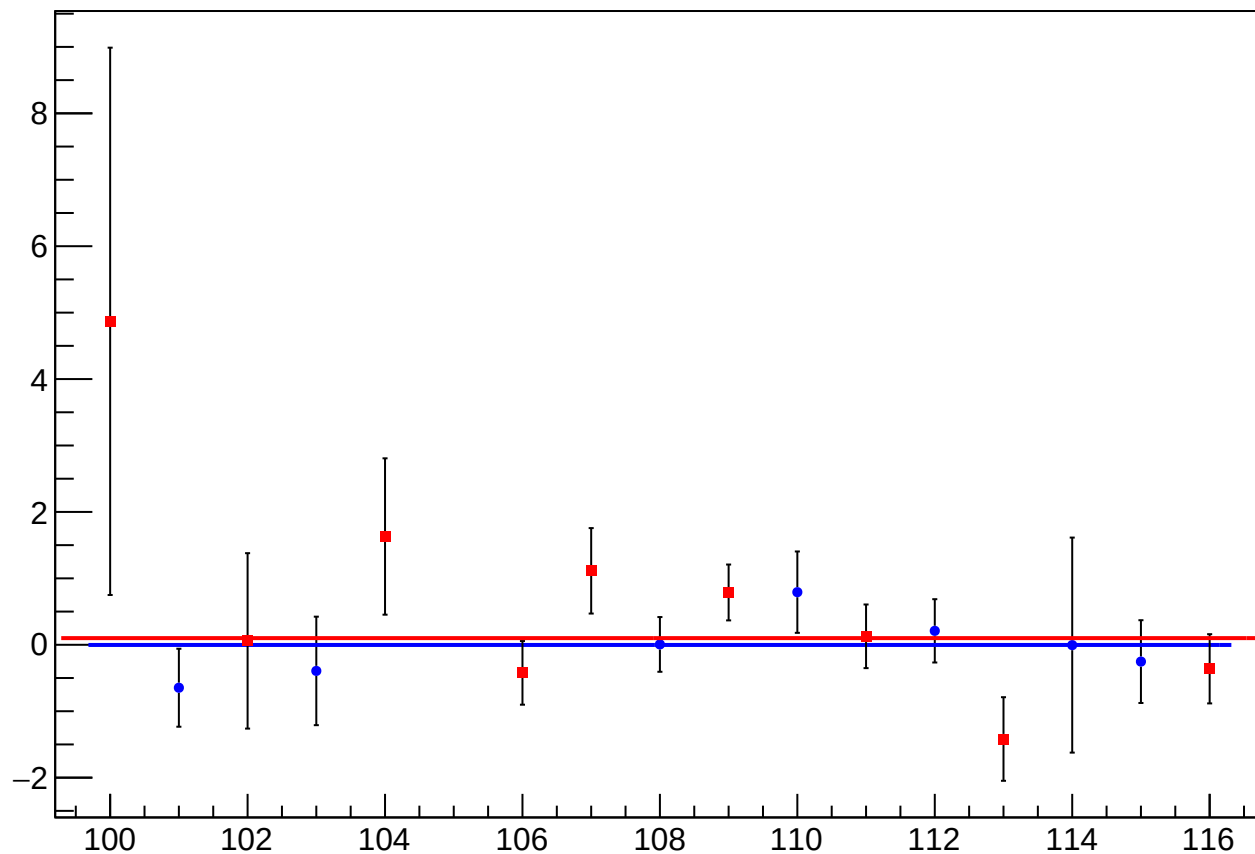
Right: 0.000+/-0.000 χ^2/NDF : 1060803.8/15

In: 0.000+/-0.000 χ^2/NDF : 495455.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1060803.8/15

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.222 χ^2 /NDF: 3.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

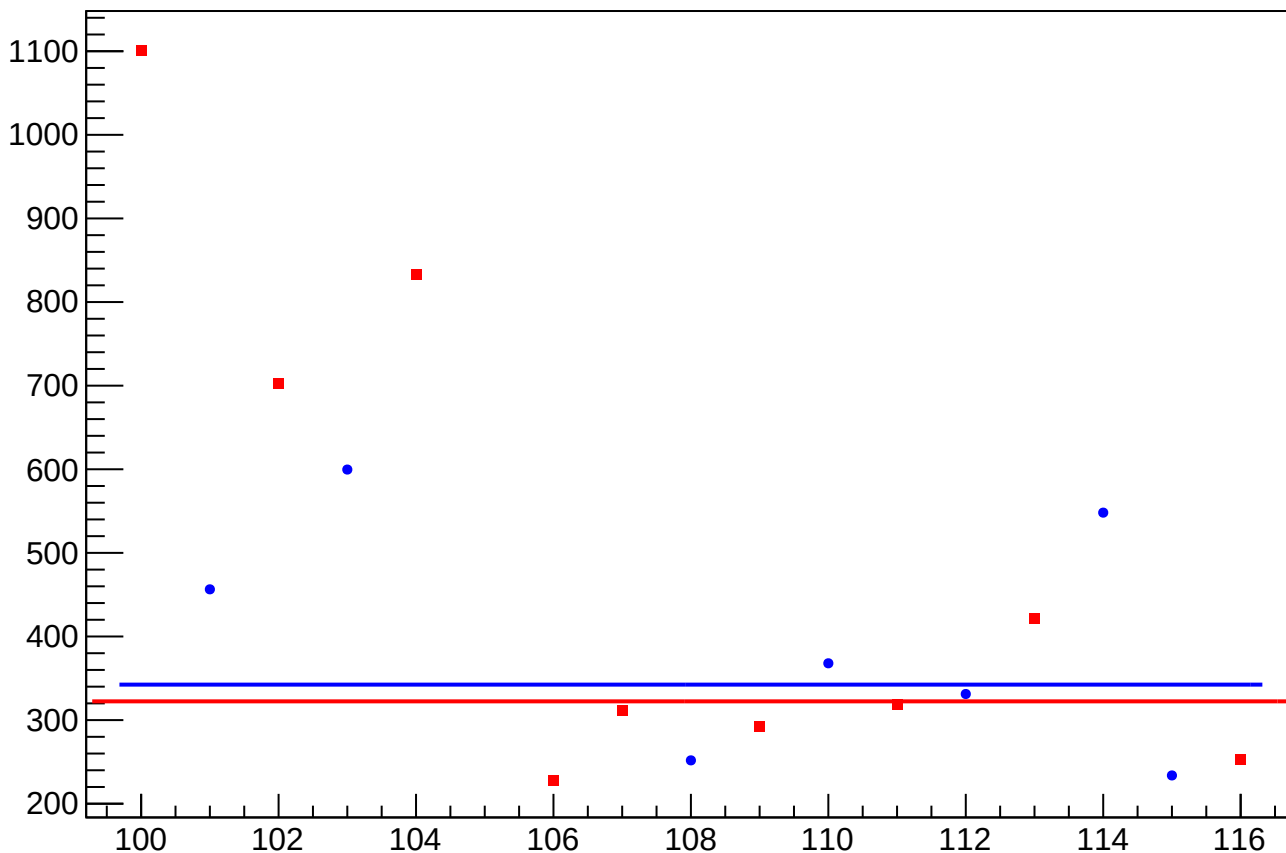
Right: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

In: -0.002 $\pm$ 0.222 χ^2 /NDF:3.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.432+/-0.157 χ^2/NDF : 468211.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.421+/-0.143 χ^2/NDF : 788299.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

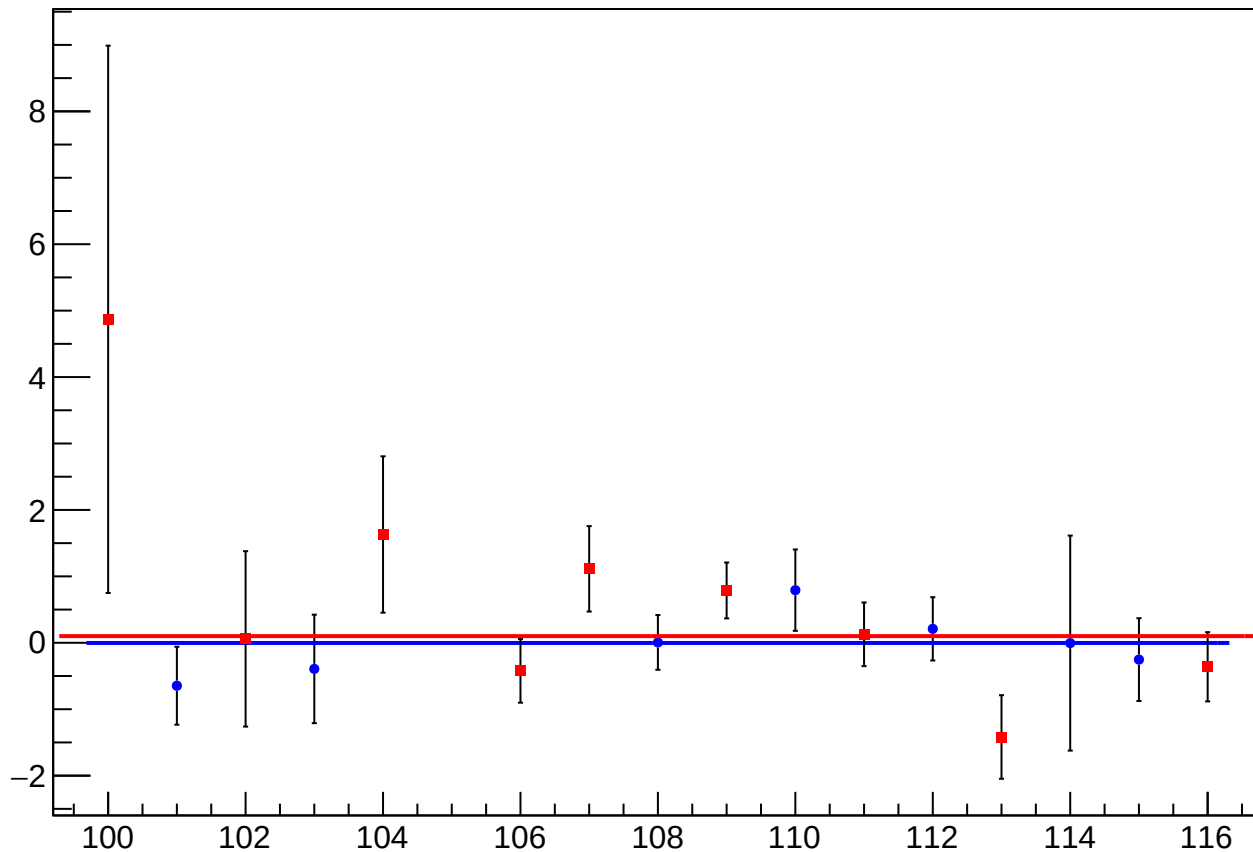
Right: 331.524+/-0.106 χ^2/NDF : 1265383.7/15

In: 342.432+/-0.157 χ^2/NDF : 468211.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.524+/-0.106 χ^2/NDF : 1265383.7/15

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.222 χ^2 /NDF: 3.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

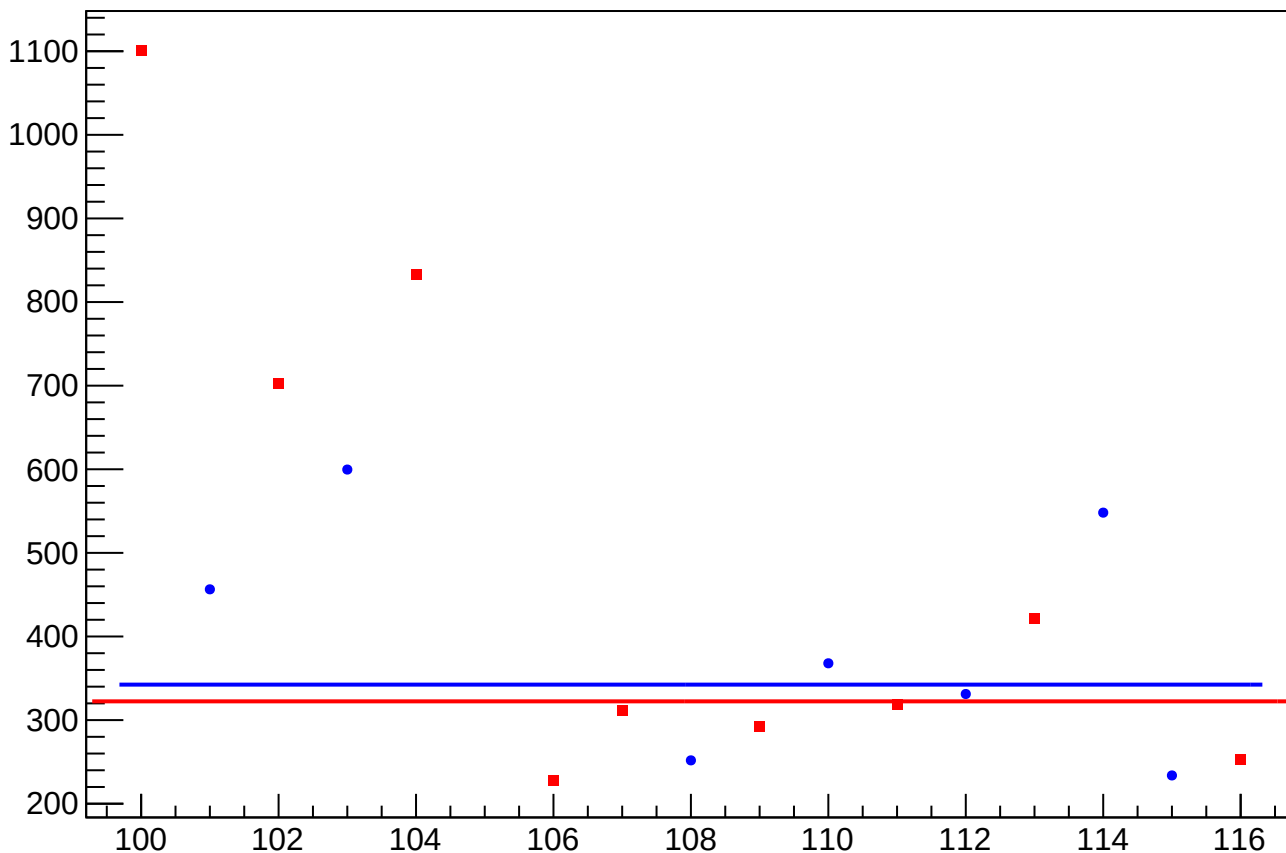
Right: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

In: -0.002 $\pm$ 0.222 χ^2 /NDF:3.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.432+/-0.157 χ^2/NDF : 468211.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.421+/-0.143 χ^2/NDF : 788299.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

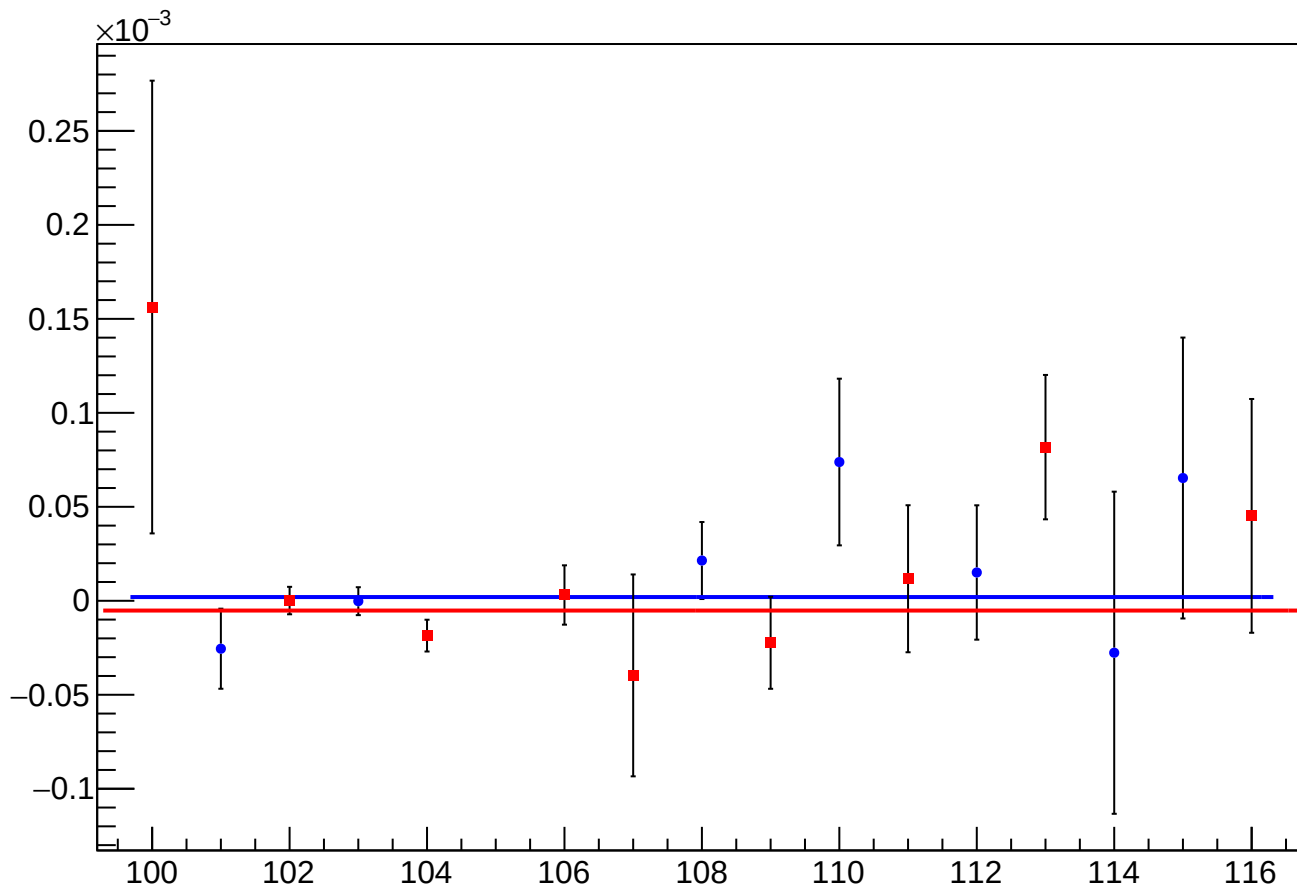
Right: 331.524+/-0.106 χ^2/NDF : 1265383.7/15

In: 342.432+/-0.157 χ^2/NDF : 468211.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.524+/-0.106 χ^2/NDF : 1265383.7/15

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 : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

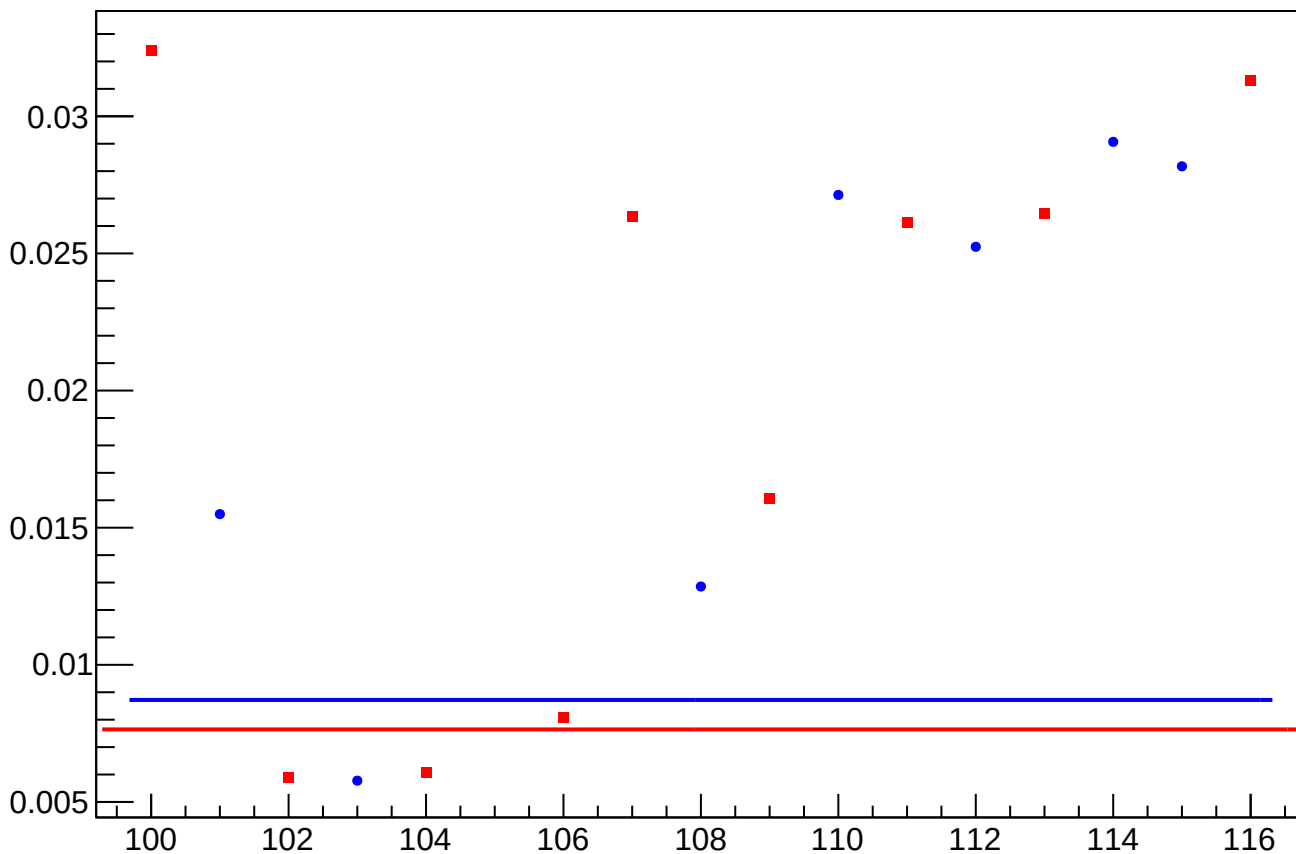
Right: -0.000+/-0.000 χ^2/NDF : 19.0/15

In: 0.000+/-0.000 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/15

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 : 1618267.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 1963444.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

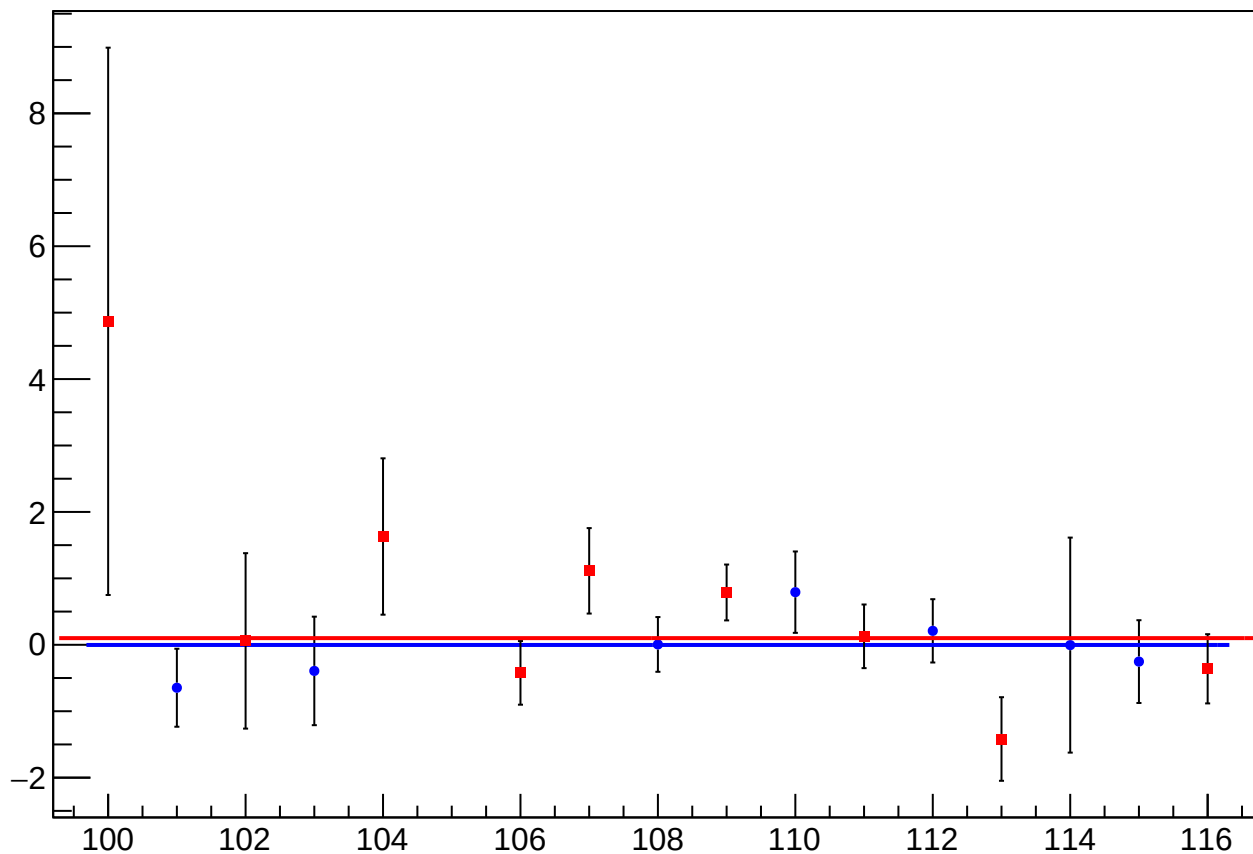
Right: 0.008+/-0.000 χ^2/NDF : 3616796.1/15

In: 0.009+/-0.000 χ^2/NDF : 1618267.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3616796.1/15

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.222 χ^2 /NDF: 3.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

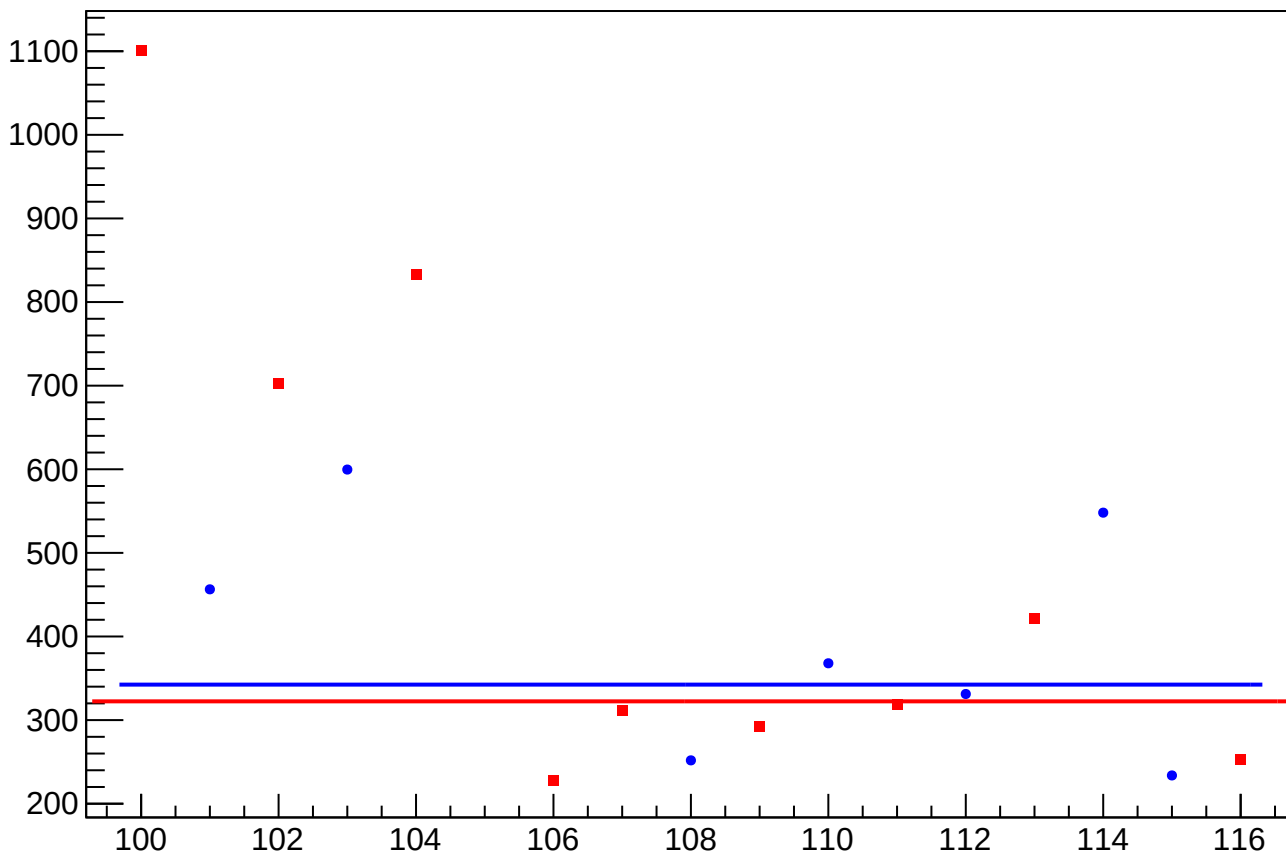
Right: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

In: -0.002 $\pm$ 0.222 χ^2 /NDF:3.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.436+/-0.157 χ^2/NDF : 468185.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.423+/-0.143 χ^2/NDF : 788281.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

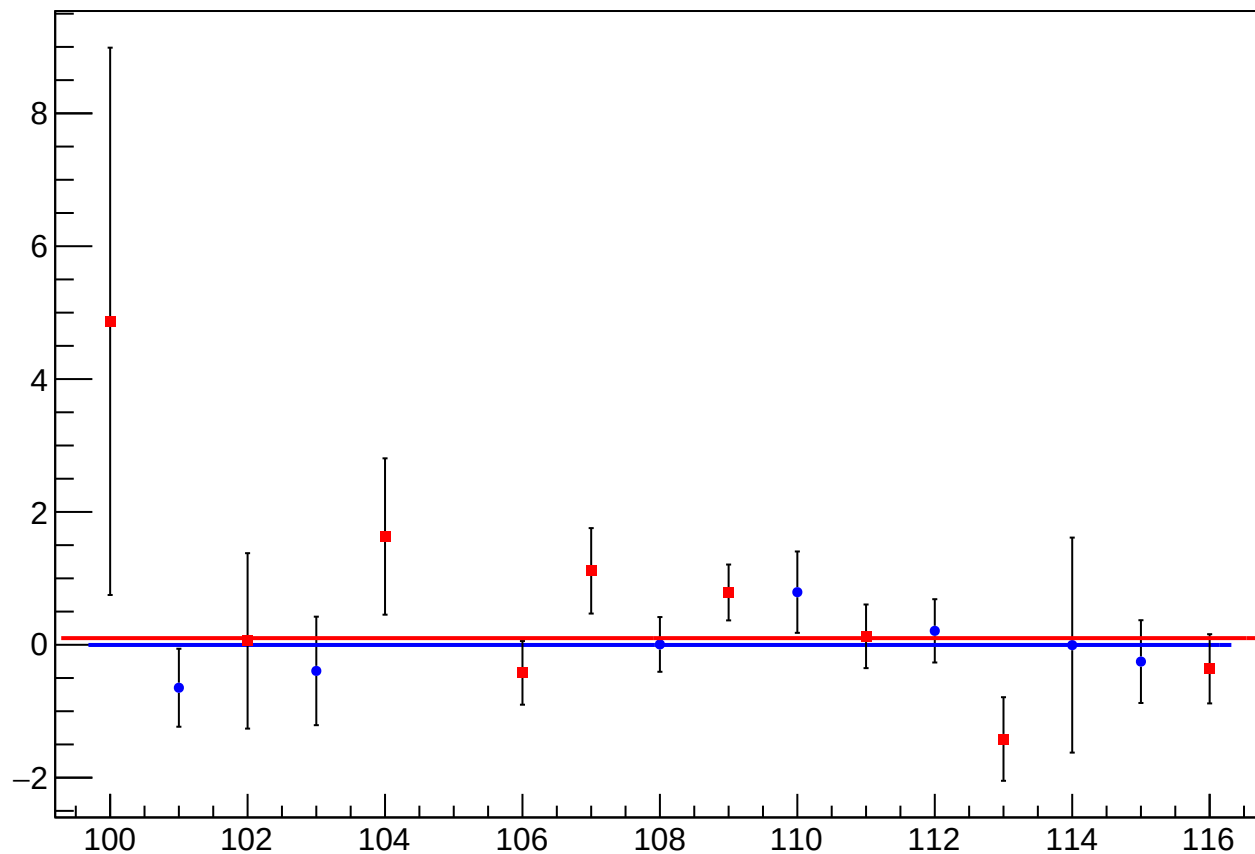
Right: 331.527+/-0.106 χ^2/NDF : 1265341.3/15

In: 342.436+/-0.157 χ^2/NDF : 468185.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.527+/-0.106 χ^2/NDF : 1265341.3/15

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.222 χ^2 /NDF: 3.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

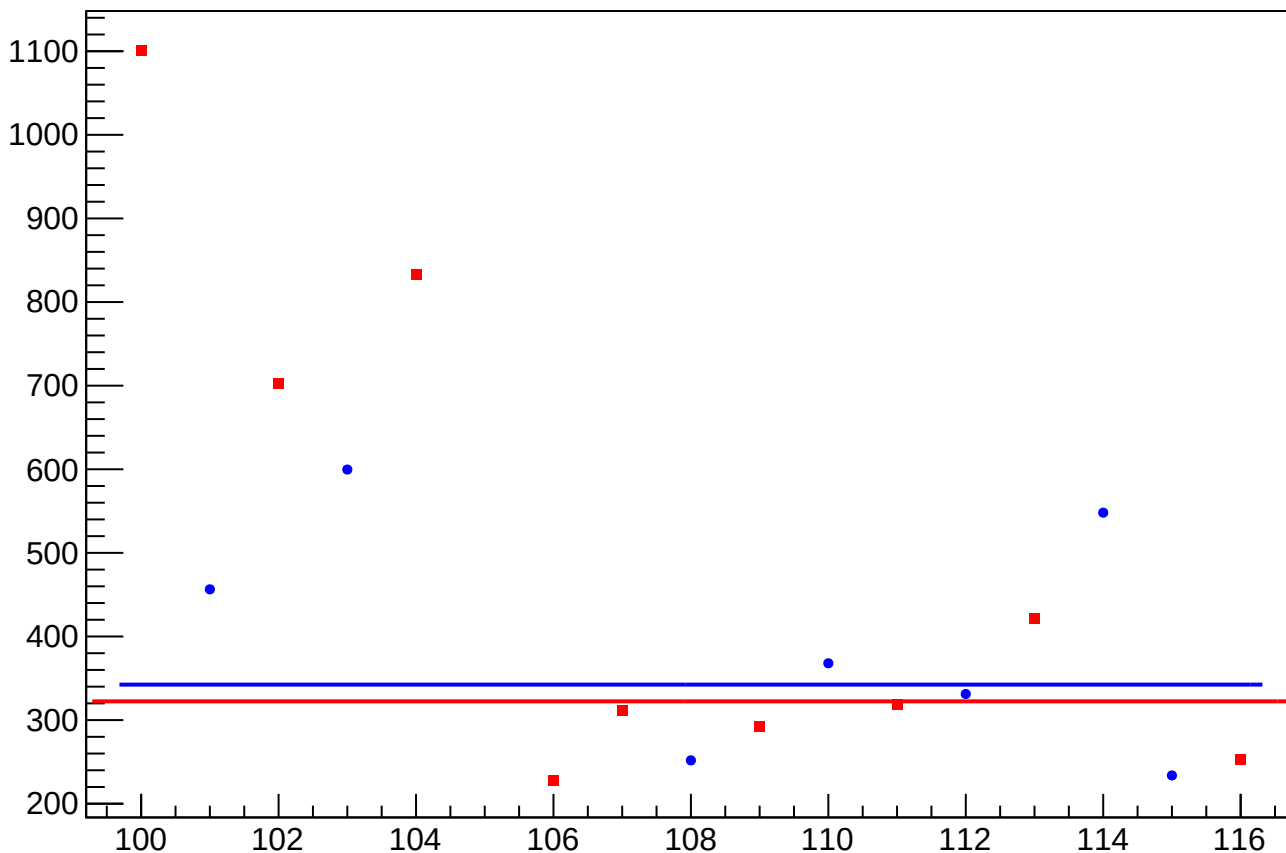
Right: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

In: -0.002 $\pm$ 0.222 χ^2 /NDF:3.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.054 $\pm$ 0.150 χ^2 /NDF: 19.6/15

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.436+/-0.157 χ^2/NDF : 468185.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.423+/-0.143 χ^2/NDF : 788281.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

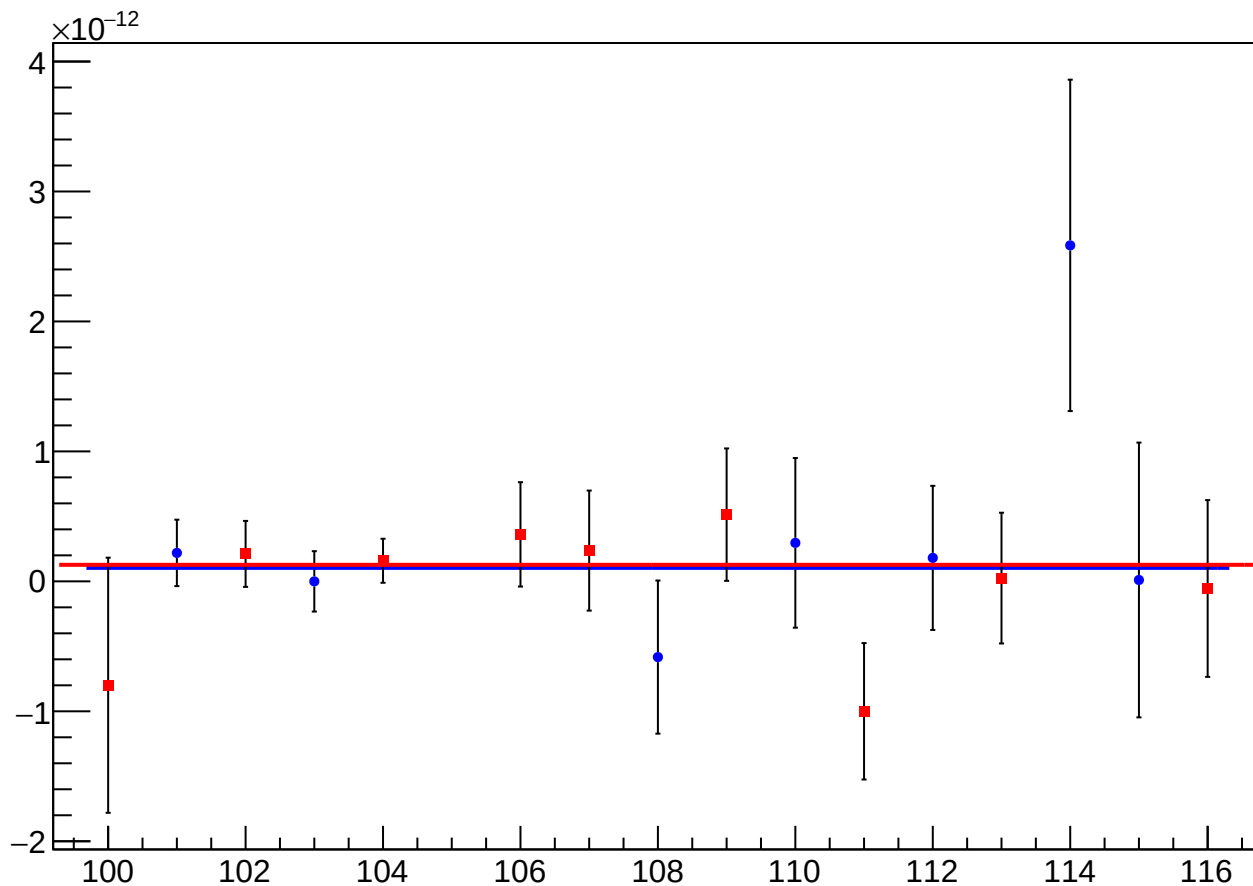
Right: 331.527+/-0.106 χ^2/NDF : 1265341.3/15

In: 342.436+/-0.157 χ^2/NDF : 468185.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.527+/-0.106 χ^2/NDF : 1265341.3/15

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 : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

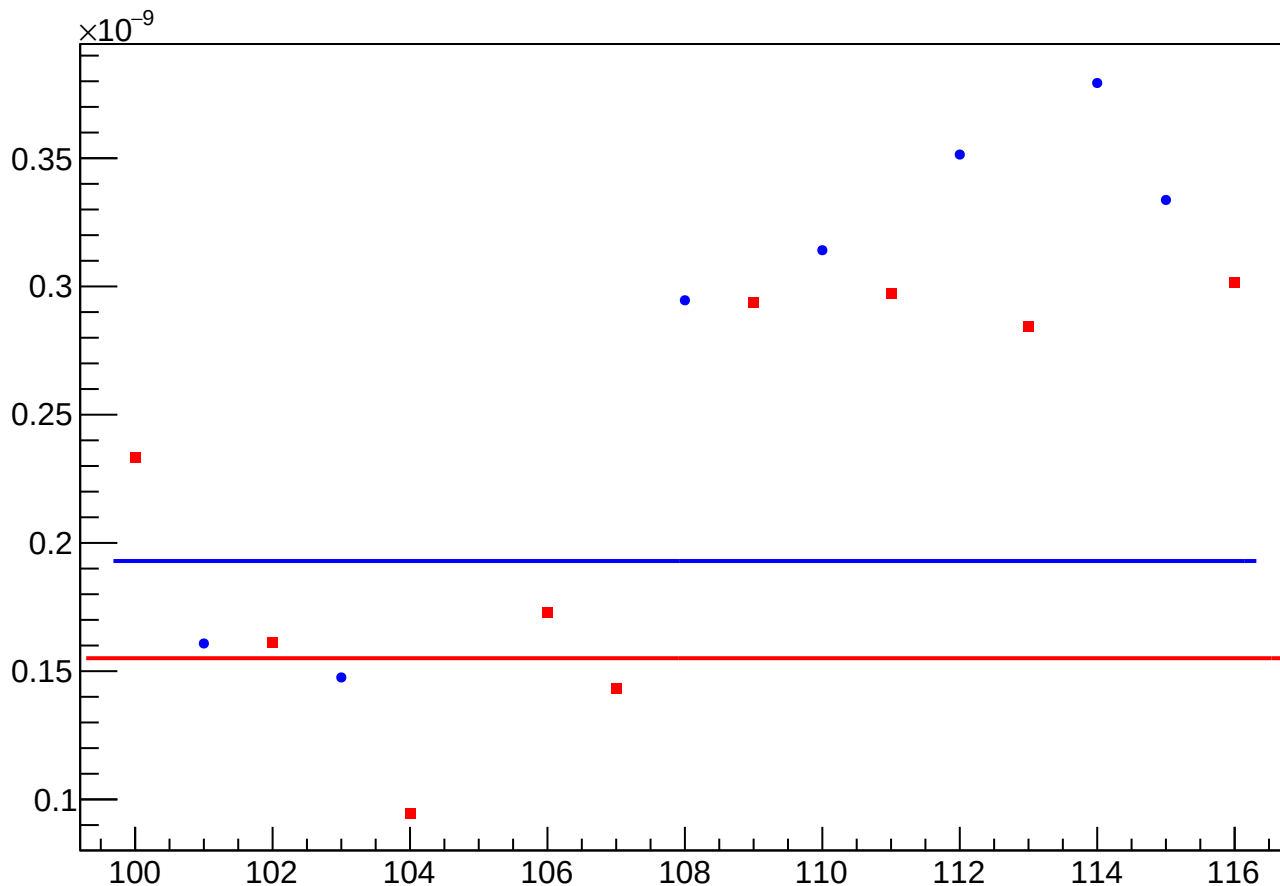
Right: 0.000+/-0.000 χ^2/NDF : 12.4/15

In: 0.000+/-0.000 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/15

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 : 478052.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 795342.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

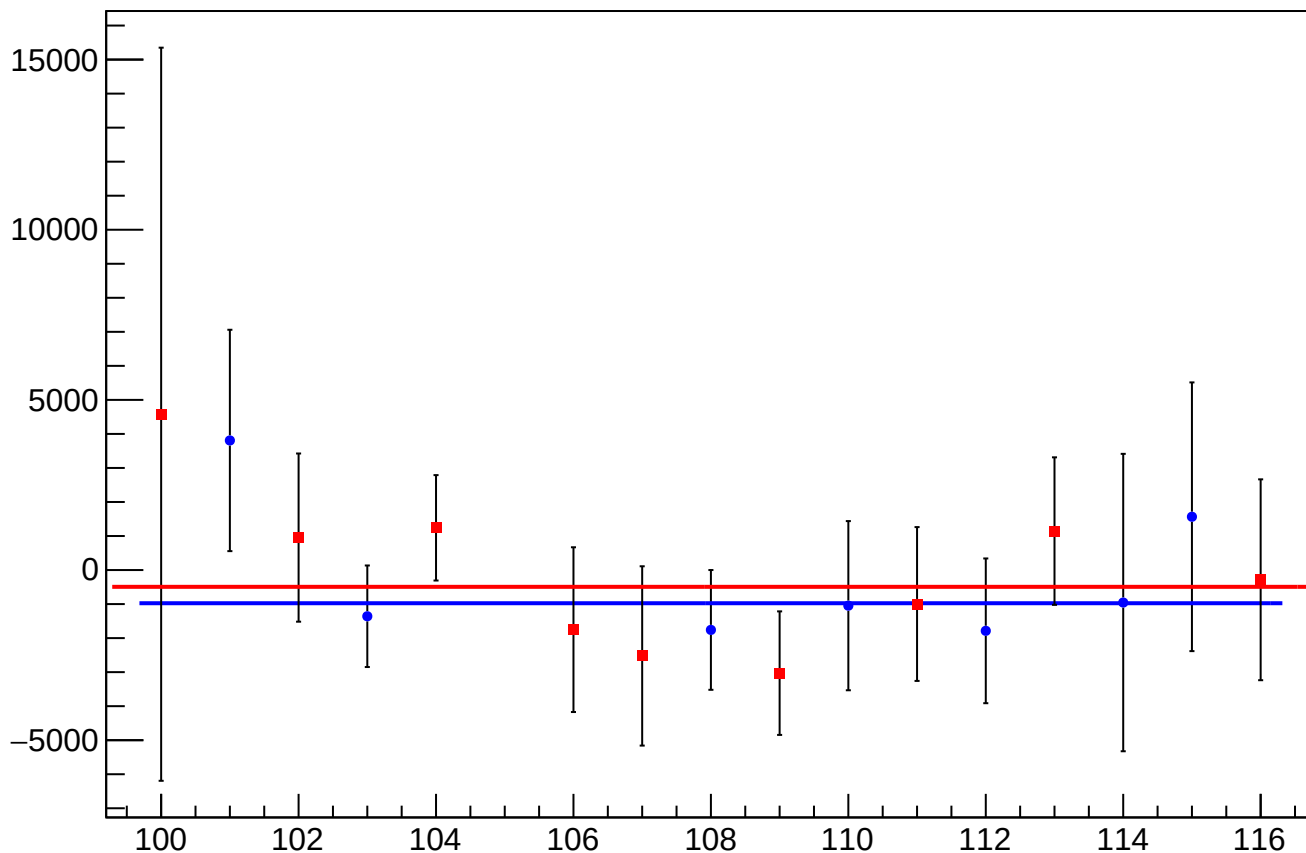
Right: 0.000+/-0.000 χ^2/NDF : 1353196.6/15

In: 0.000+/-0.000 χ^2/NDF : 478052.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1353196.6/15

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -975.042+/-855.565 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -493.059+/-760.061 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

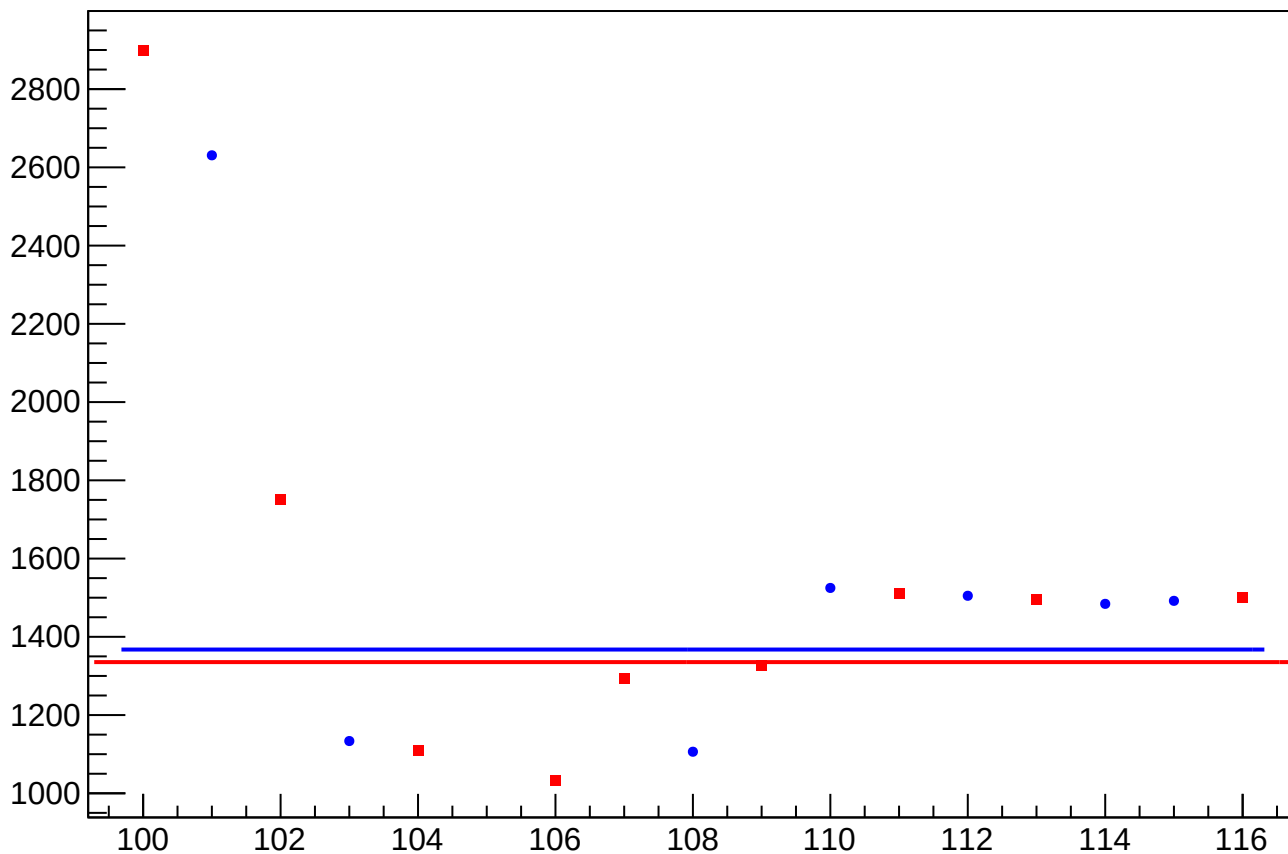
Right: -705.658+/-568.222 χ^2/NDF : 8.4/15

In: -975.042+/-855.565 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.658+/-568.222 χ^2/NDF : 8.4/15

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1367.481+/-0.605 χ^2/NDF : 414760.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.363+/-0.530 χ^2/NDF : 211085.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

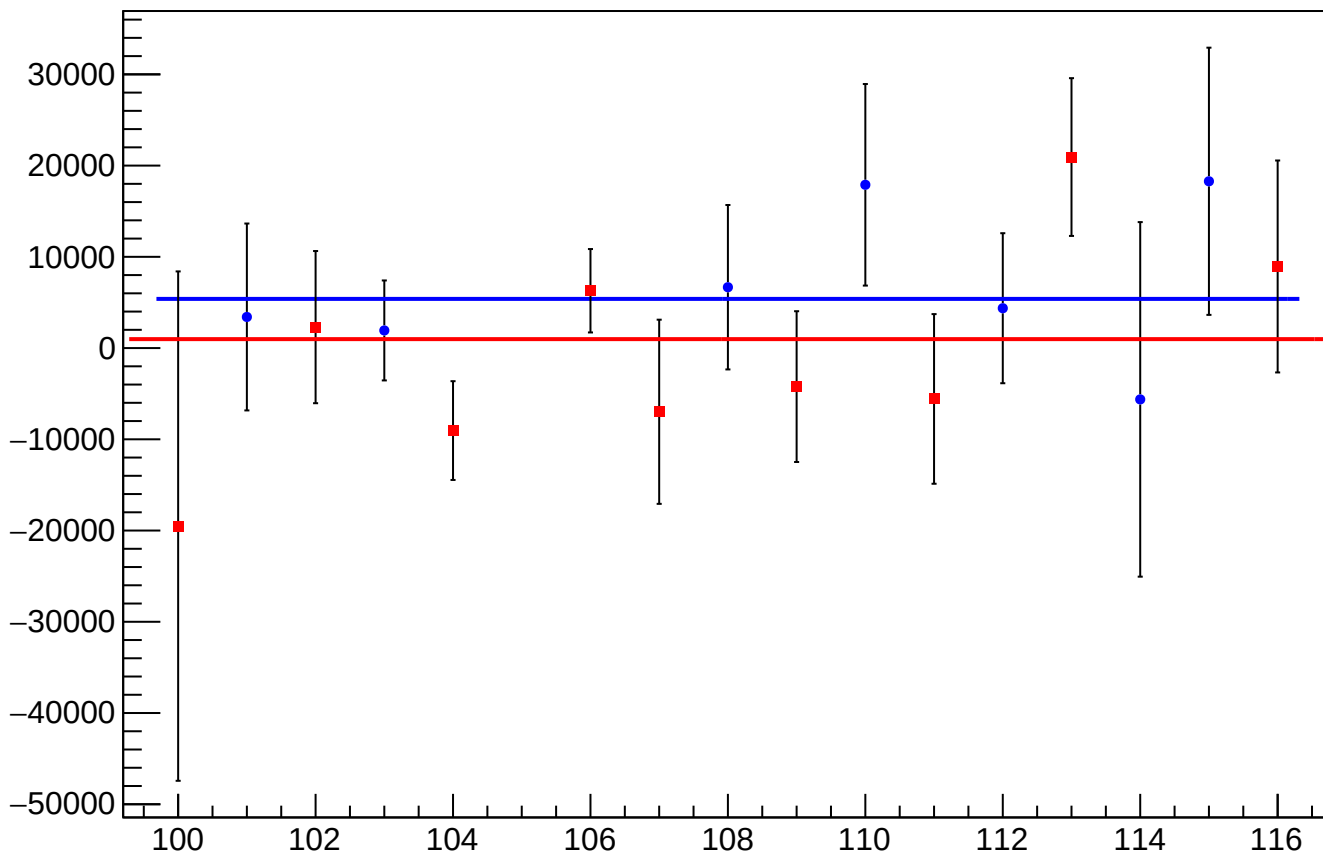
Right: 1349.306+/-0.399 χ^2/NDF : 627441.3/15

In: 1367.481+/-0.605 χ^2/NDF : 414760.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.306+/-0.399 χ^2/NDF : 627441.3/15

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 5389.455+/-3420.610 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.154+/-2544.395 χ^2/NDF : 12.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

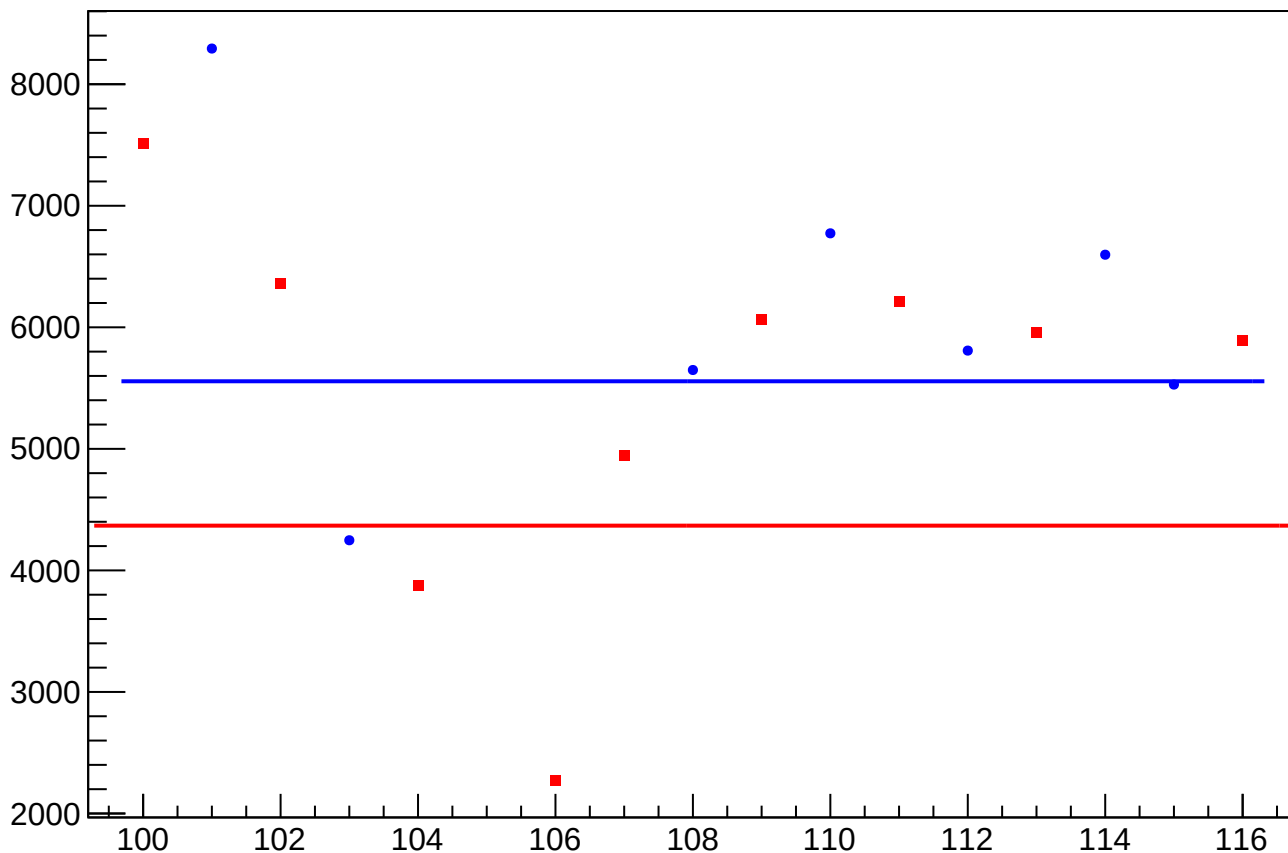
Right: 2550.791+/-2041.534 χ^2/NDF : 16.6/15

In: 5389.455+/-3420.610 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2550.791+/-2041.534 χ^2/NDF : 16.6/15

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5556.039+/-2.419 χ^2/NDF : 289001.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4368.224+/-1.799 χ^2/NDF : 846945.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

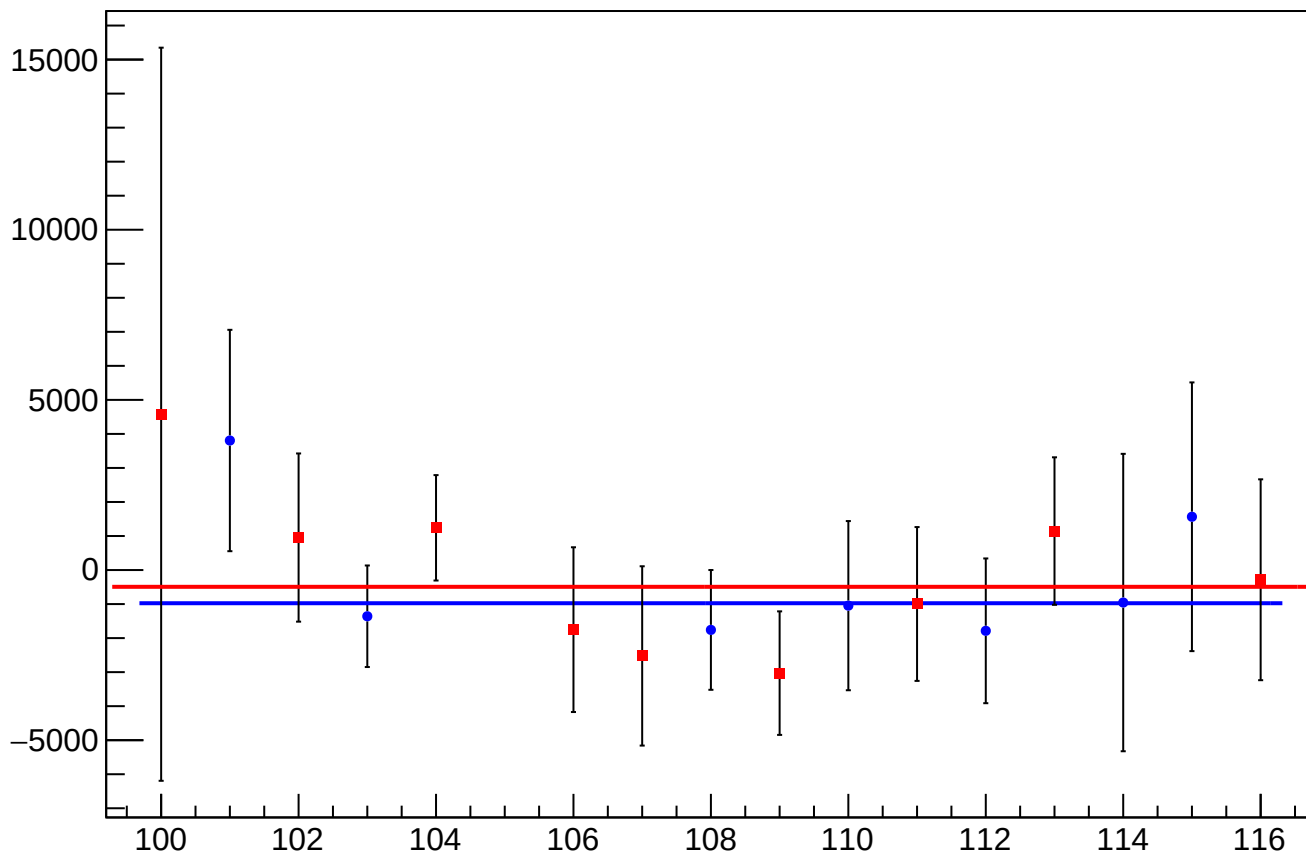
Right: 4791.336+/-1.444 χ^2/NDF : 1291208.5/15

In: 5556.039+/-2.419 χ^2/NDF : 289001.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4791.336+/-1.444 χ^2/NDF : 1291208.5/15

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -975.126+/-855.565 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.760+/-760.061 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

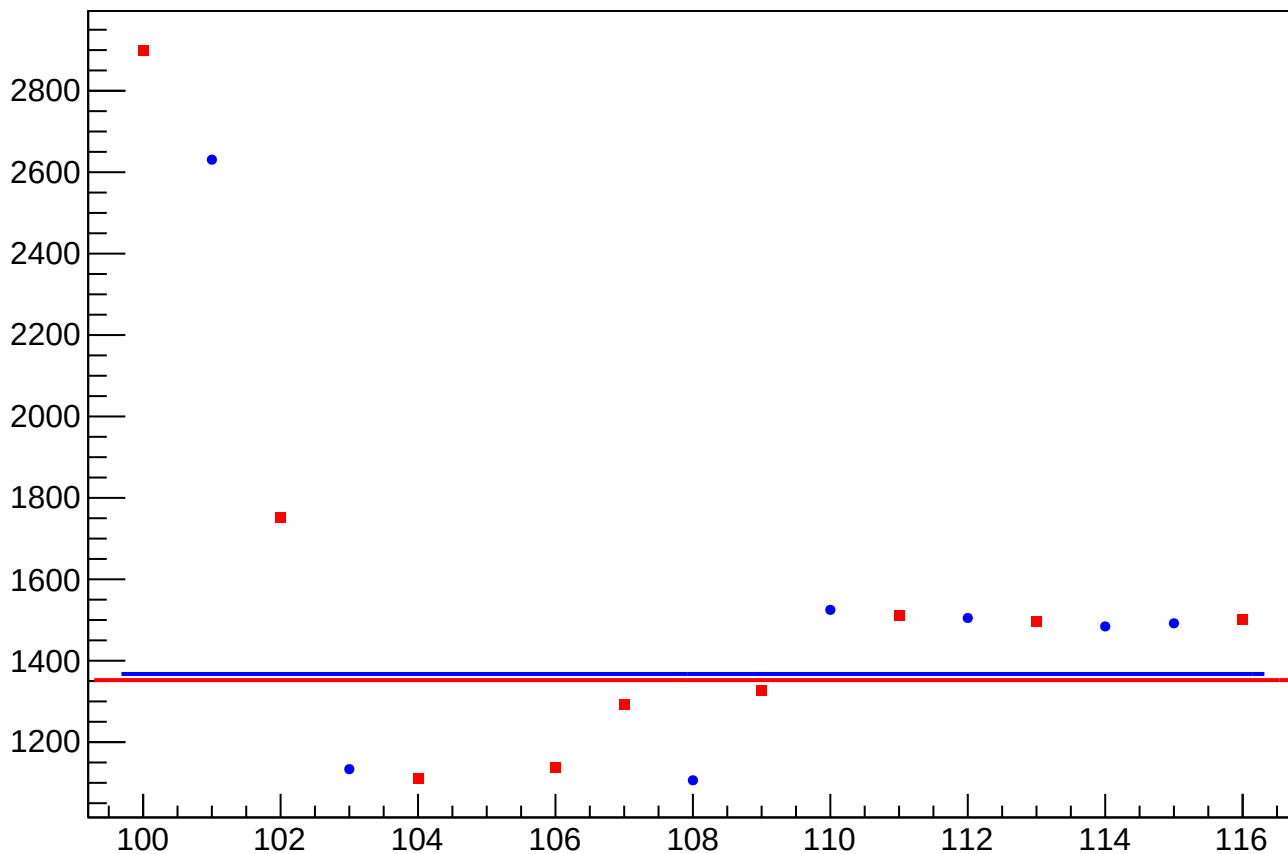
Right: -705.529+/-568.222 χ^2/NDF : 8.4/15

In: -975.126+/-855.565 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.529+/-568.222 χ^2/NDF : 8.4/15

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1367.480+/-0.605 χ^2/NDF : 414760.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.347+/-0.535 χ^2/NDF : 184529.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

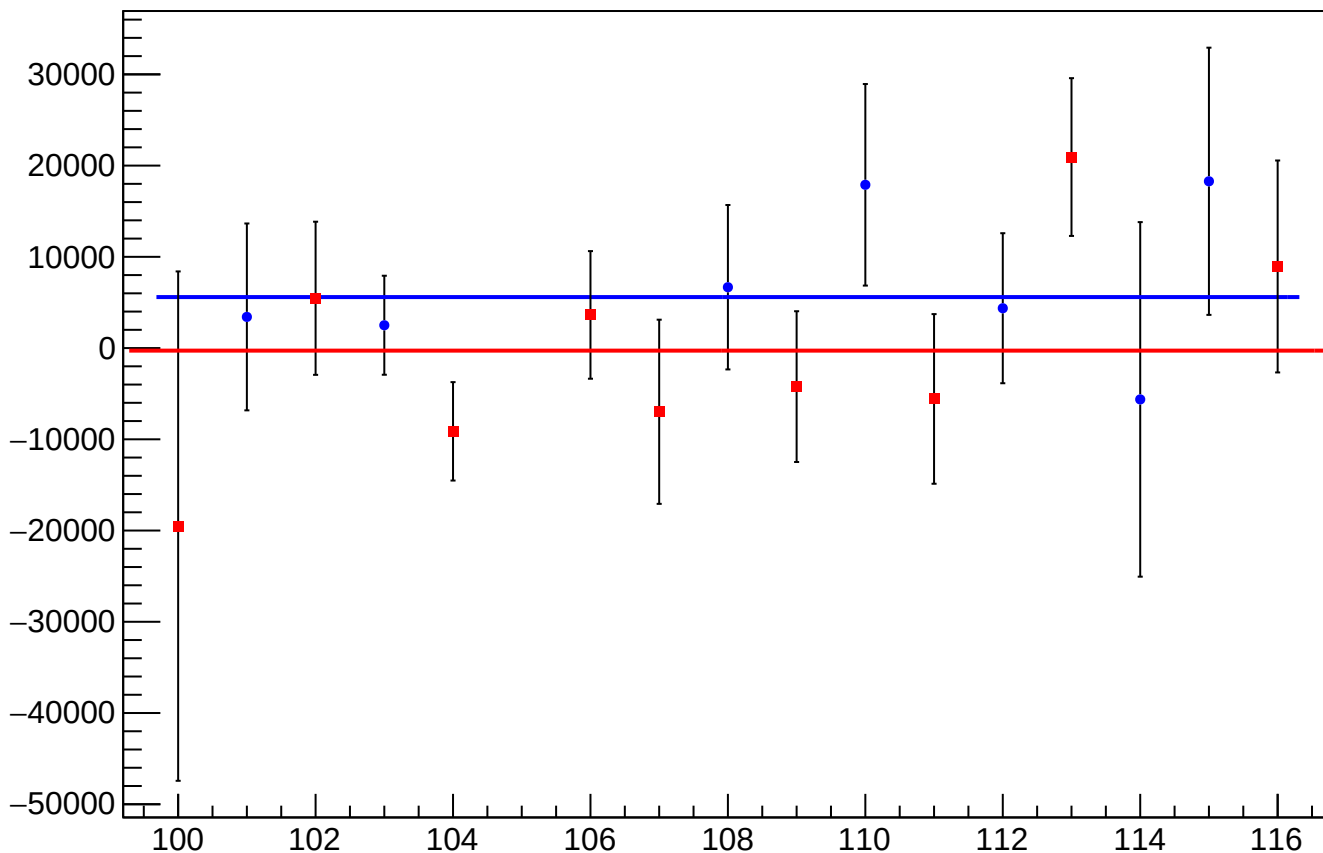
Right: 1358.990+/-0.401 χ^2/NDF : 599641.4/15

In: 1367.480+/-0.605 χ^2/NDF : 414760.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.990+/-0.401 χ^2/NDF : 599641.4/15

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 5589.362+/-3407.727 χ^2/NDF : 2.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -279.444+/-2804.773 χ^2/NDF : 11.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

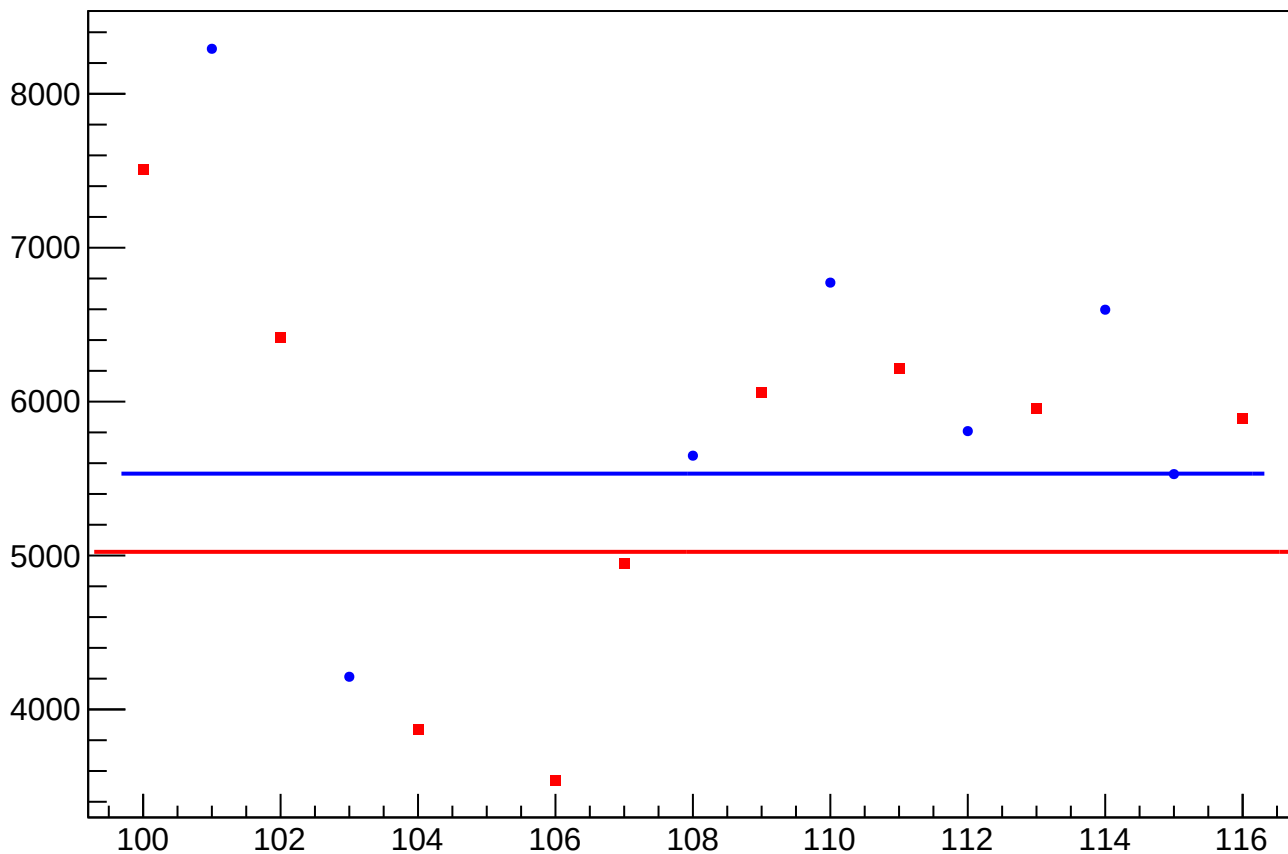
Right: 2090.677+/-2165.585 χ^2/NDF : 16.1/15

In: 5589.362+/-3407.727 χ^2/NDF :2.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2090.677+/-2165.585 χ^2/NDF : 16.1/15

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5532.088+/-2.410 χ^2/NDF : 297492.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5023.960+/-1.983 χ^2/NDF : 351527.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

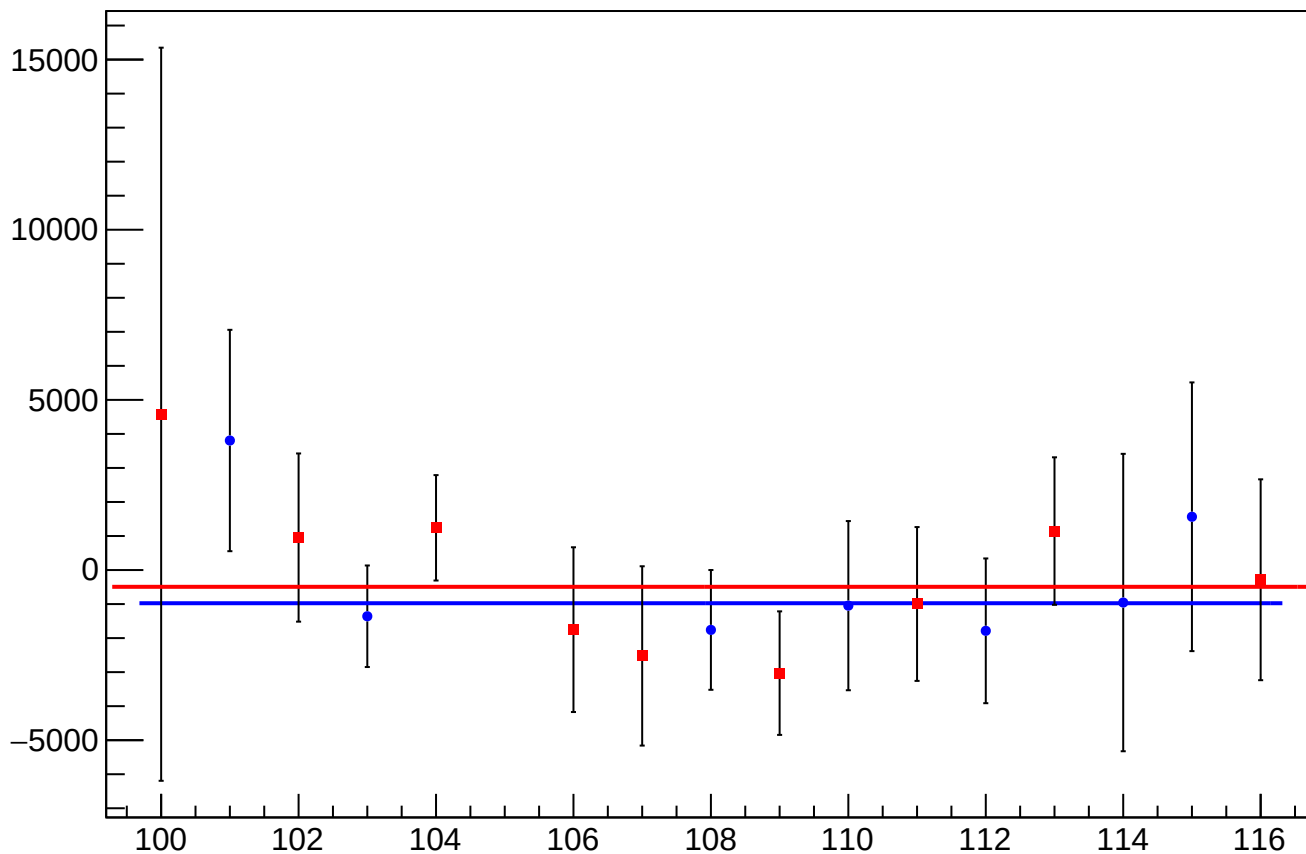
Right: 5229.168+/-1.531 χ^2/NDF : 675529.4/15

In: 5532.088+/-2.410 χ^2/NDF : 297492.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5229.168+/-1.531 χ^2/NDF : 675529.4/15

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -975.126+/-855.565 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.760+/-760.061 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

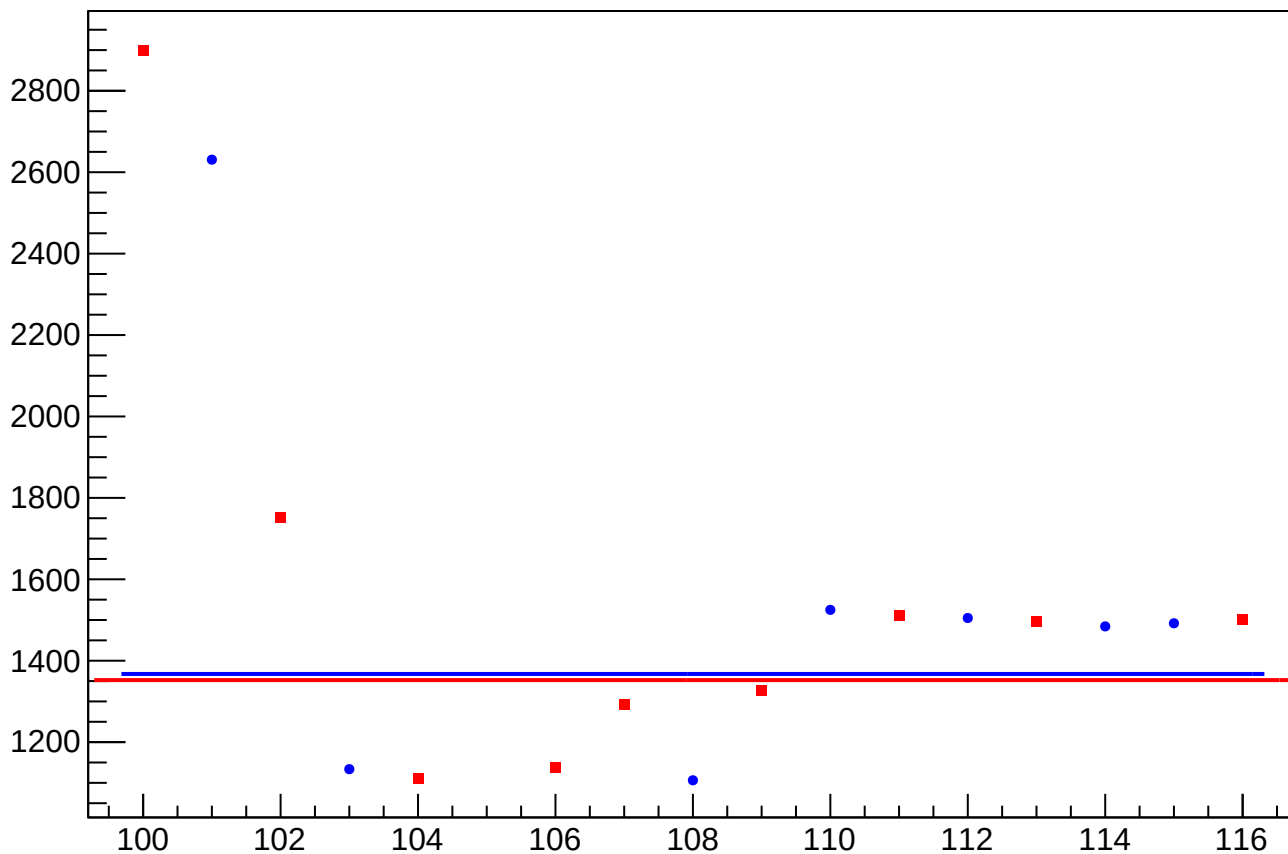
Right: -705.529+/-568.222 χ^2/NDF : 8.4/15

In: -975.126+/-855.565 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.529+/-568.222 χ^2/NDF : 8.4/15

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1367.480+/-0.605 χ^2/NDF : 414760.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.347+/-0.535 χ^2/NDF : 184529.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

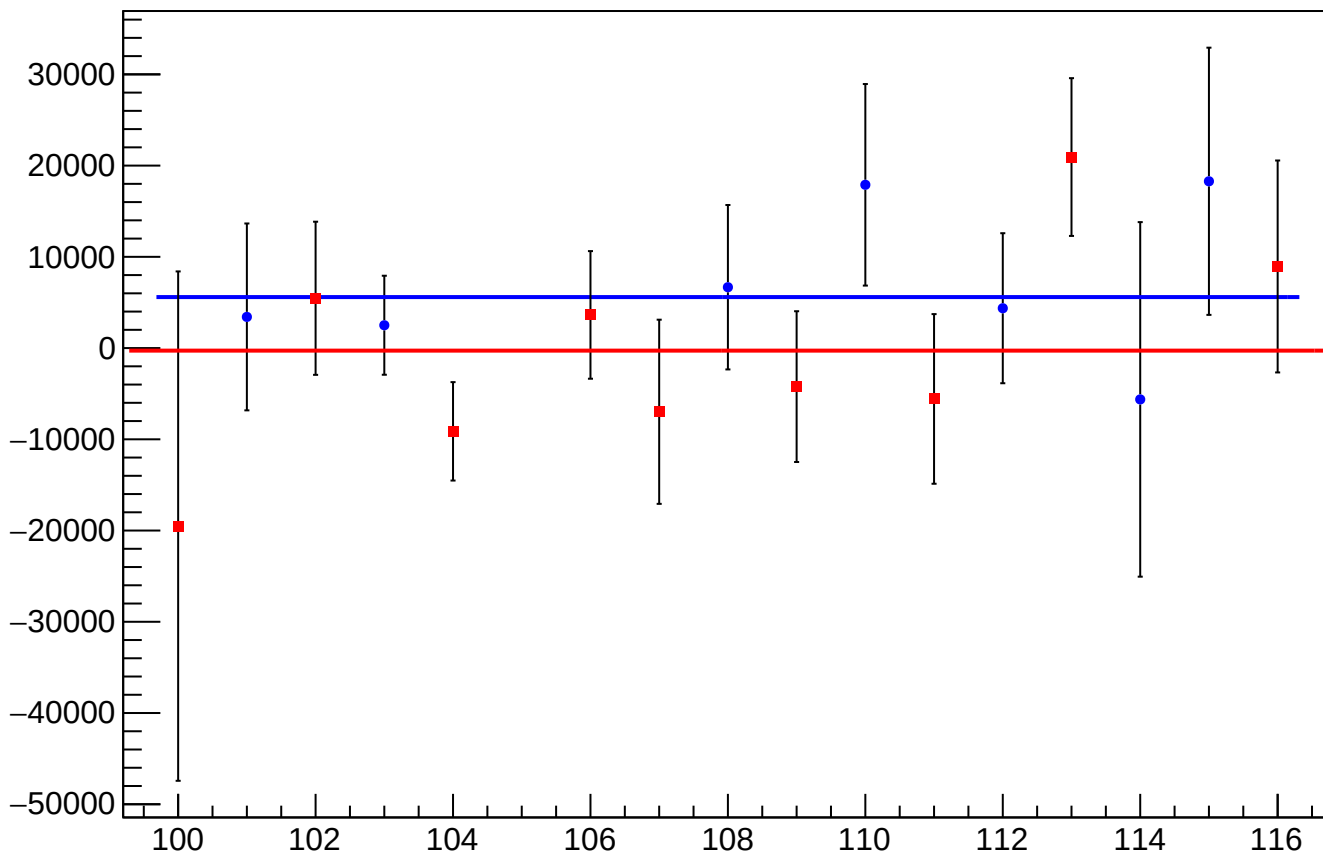
Right: 1358.990+/-0.401 χ^2/NDF : 599641.4/15

In: 1367.480+/-0.605 χ^2/NDF : 414760.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.990+/-0.401 χ^2/NDF : 599641.4/15

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 5589.362 $\pm$ 3407.727 χ^2 /NDF: 2.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -279.444 $\pm$ 2804.773 χ^2 /NDF: 11.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

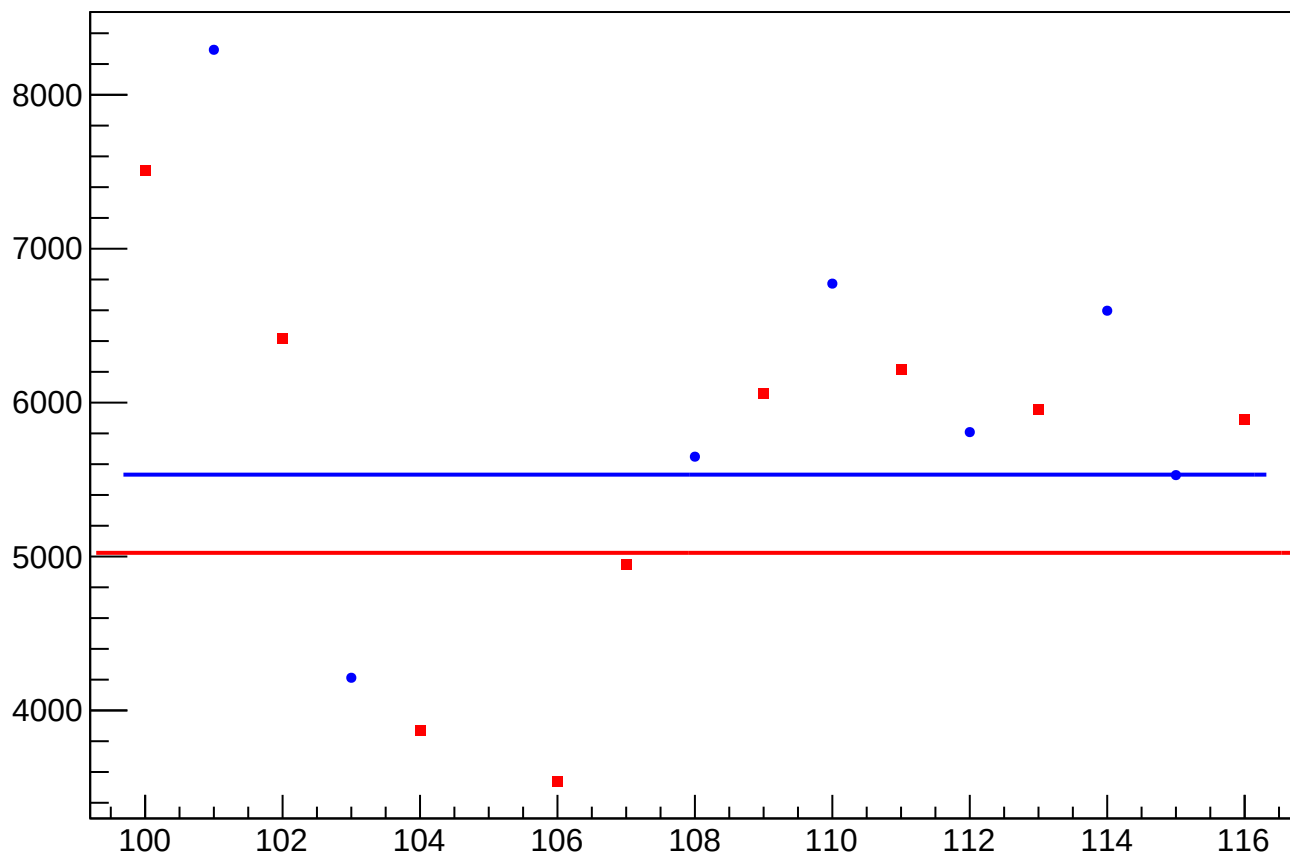
Right: 2090.677 $\pm$ 2165.585 χ^2 /NDF: 16.1/15

In: 5589.362 $\pm$ 3407.727 χ^2 /NDF:2.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2090.677 $\pm$ 2165.585 χ^2 /NDF: 16.1/15

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5532.088+/-2.410 χ^2/NDF : 297492.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5023.960+/-1.983 χ^2/NDF : 351527.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

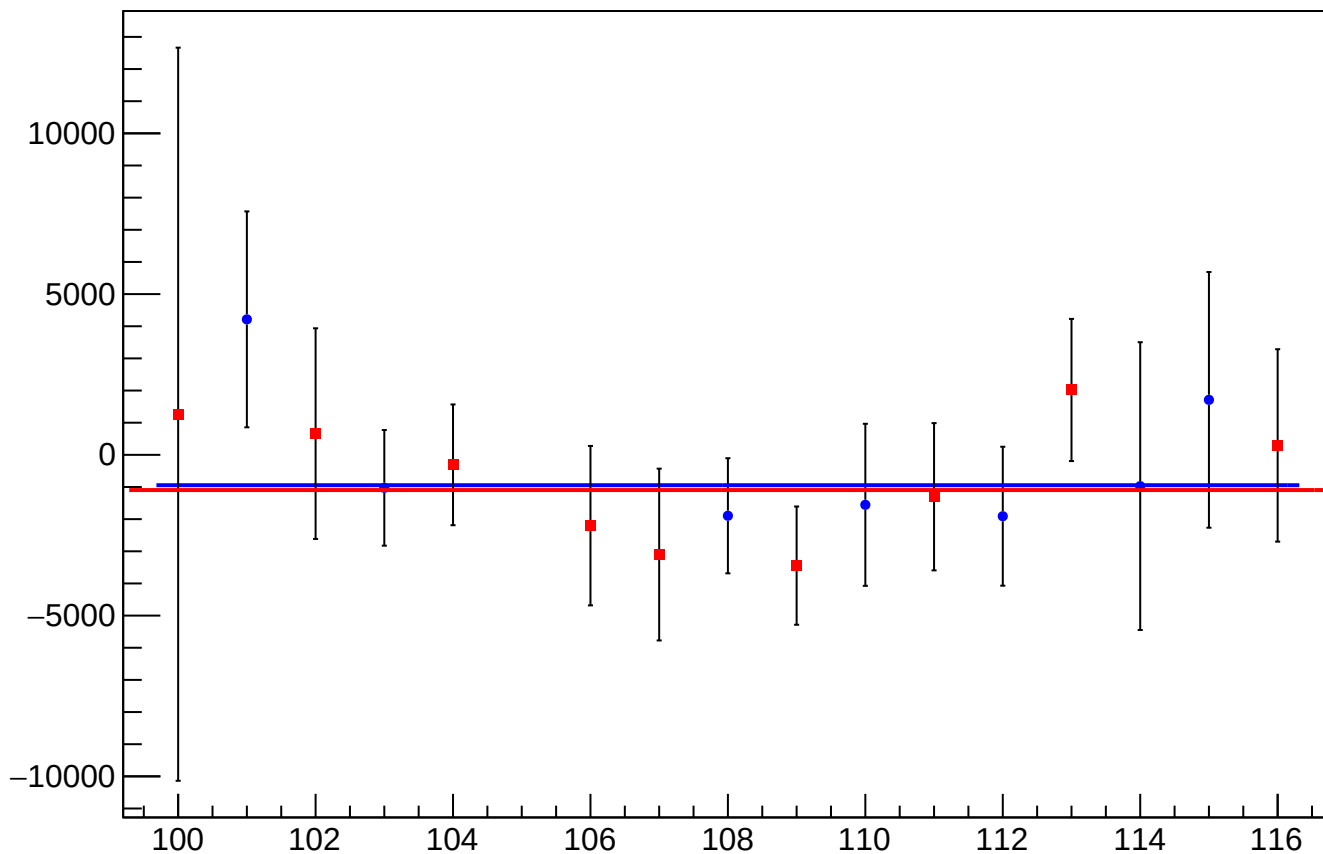
Right: 5229.168+/-1.531 χ^2/NDF : 675529.4/15

In: 5532.088+/-2.410 χ^2/NDF : 297492.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5229.168+/-1.531 χ^2/NDF : 675529.4/15

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -944.659+/-914.974 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1095.203+/-819.342 χ^2/NDF : 5.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

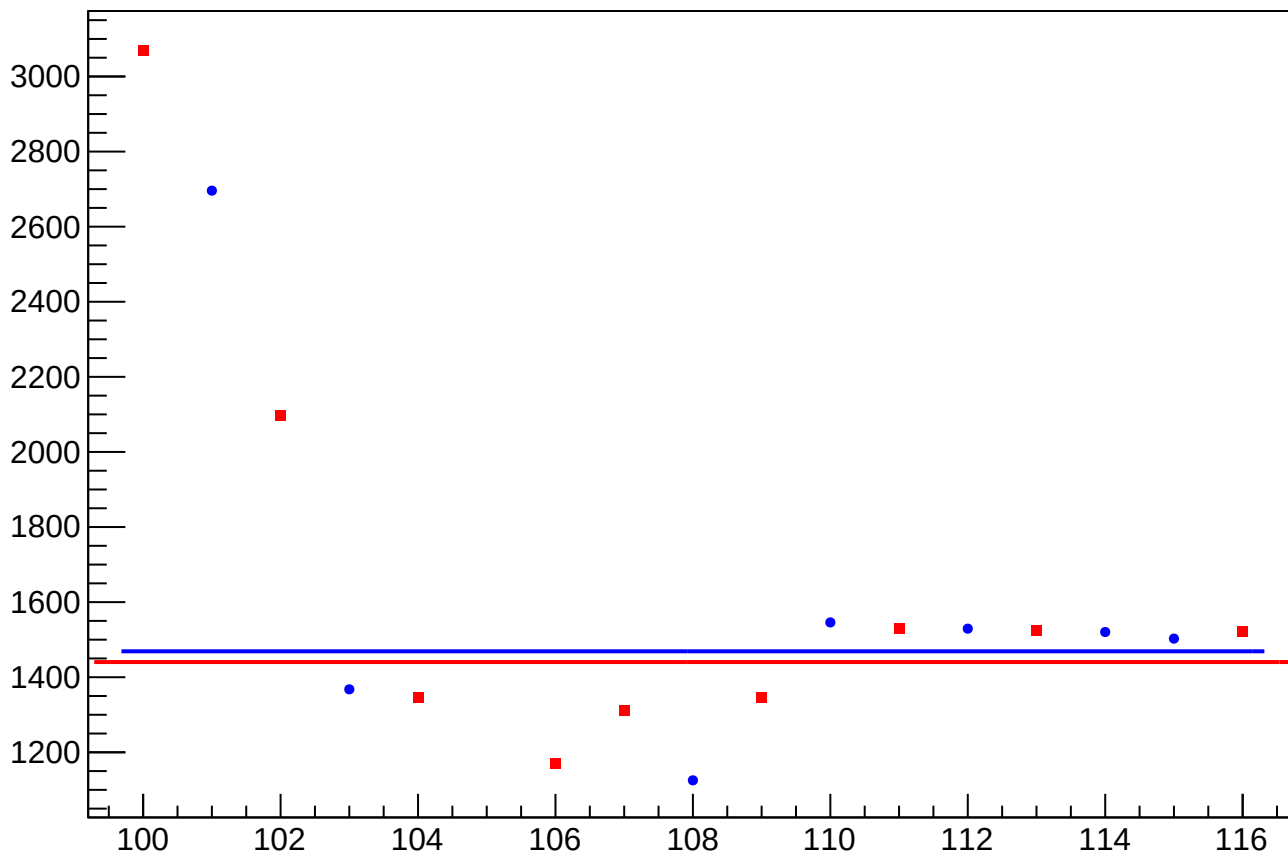
Right: -1028.207+/-610.382 χ^2/NDF : 8.5/15

In: -944.659+/-914.974 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1028.207+/-610.382 χ^2/NDF : 8.5/15

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1469.043+/-0.647 χ^2/NDF : 350885.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1440.408+/-0.579 χ^2/NDF : 167531.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

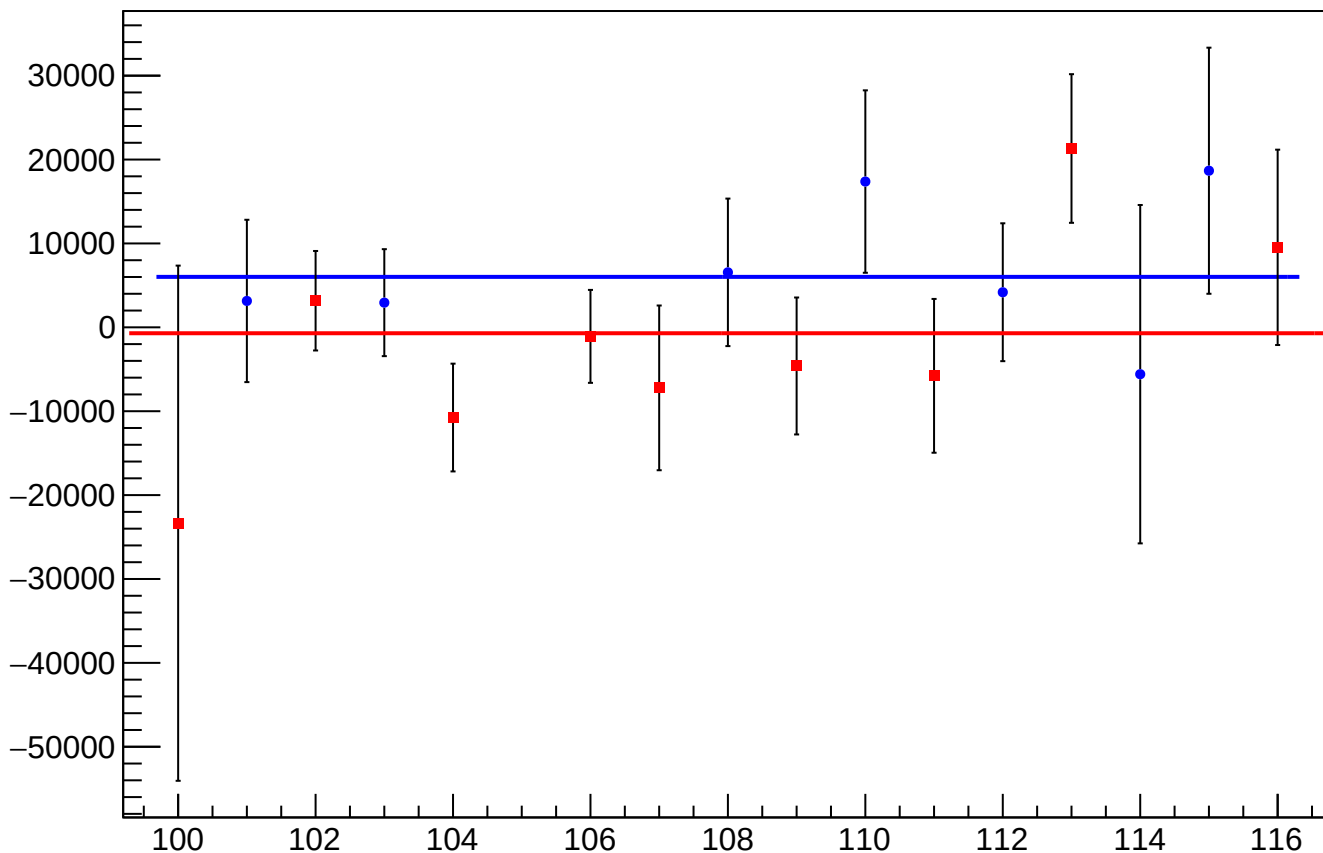
Right: 1453.143+/-0.431 χ^2/NDF : 519504.7/15

In: 1469.043+/-0.647 χ^2/NDF : 350885.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.143+/-0.431 χ^2/NDF : 519504.7/15

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 6014.722+/-3567.141 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -705.130+/-2637.875 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

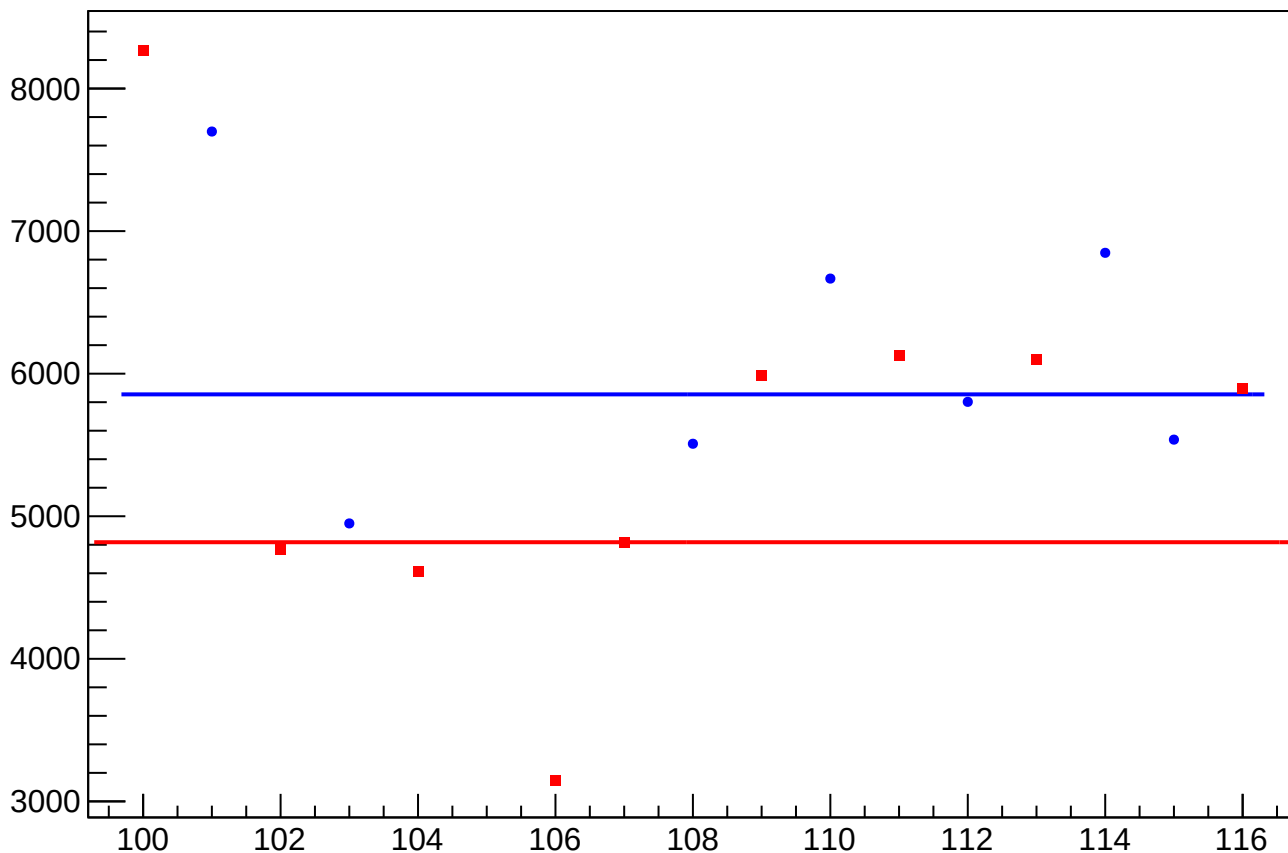
Right: 1670.504+/-2120.949 χ^2/NDF : 16.2/15

In: 6014.722+/-3567.141 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.504+/-2120.949 χ^2/NDF : 16.2/15

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5854.877+/-2.522 χ^2/NDF : 133051.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4817.847+/-1.865 χ^2/NDF : 349719.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

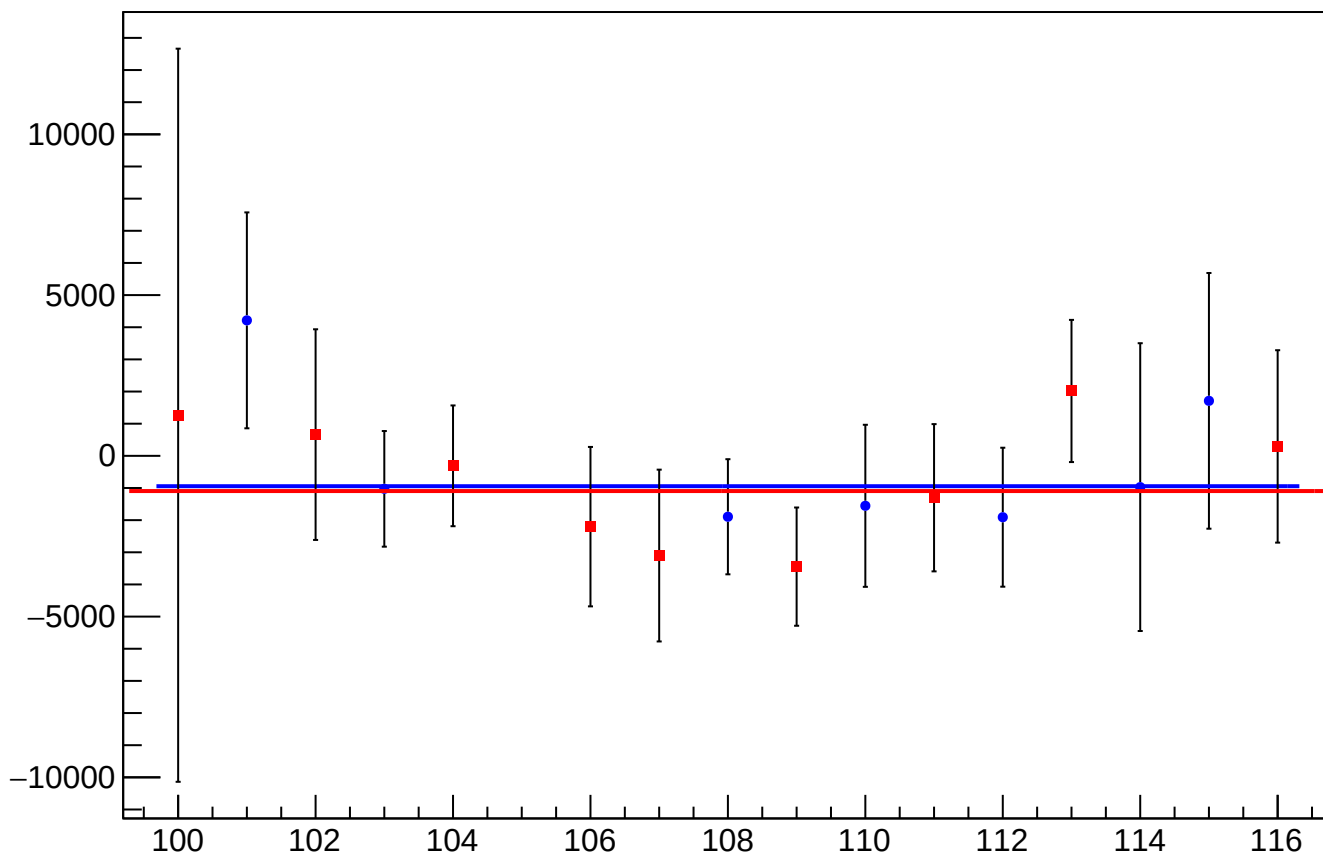
Right: 5184.463+/-1.500 χ^2/NDF : 592046.7/15

In: 5854.877+/-2.522 χ^2/NDF : 133051.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5184.463+/-1.500 χ^2/NDF : 592046.7/15

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -944.668+/-914.975 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1095.217+/-819.342 χ^2/NDF : 5.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

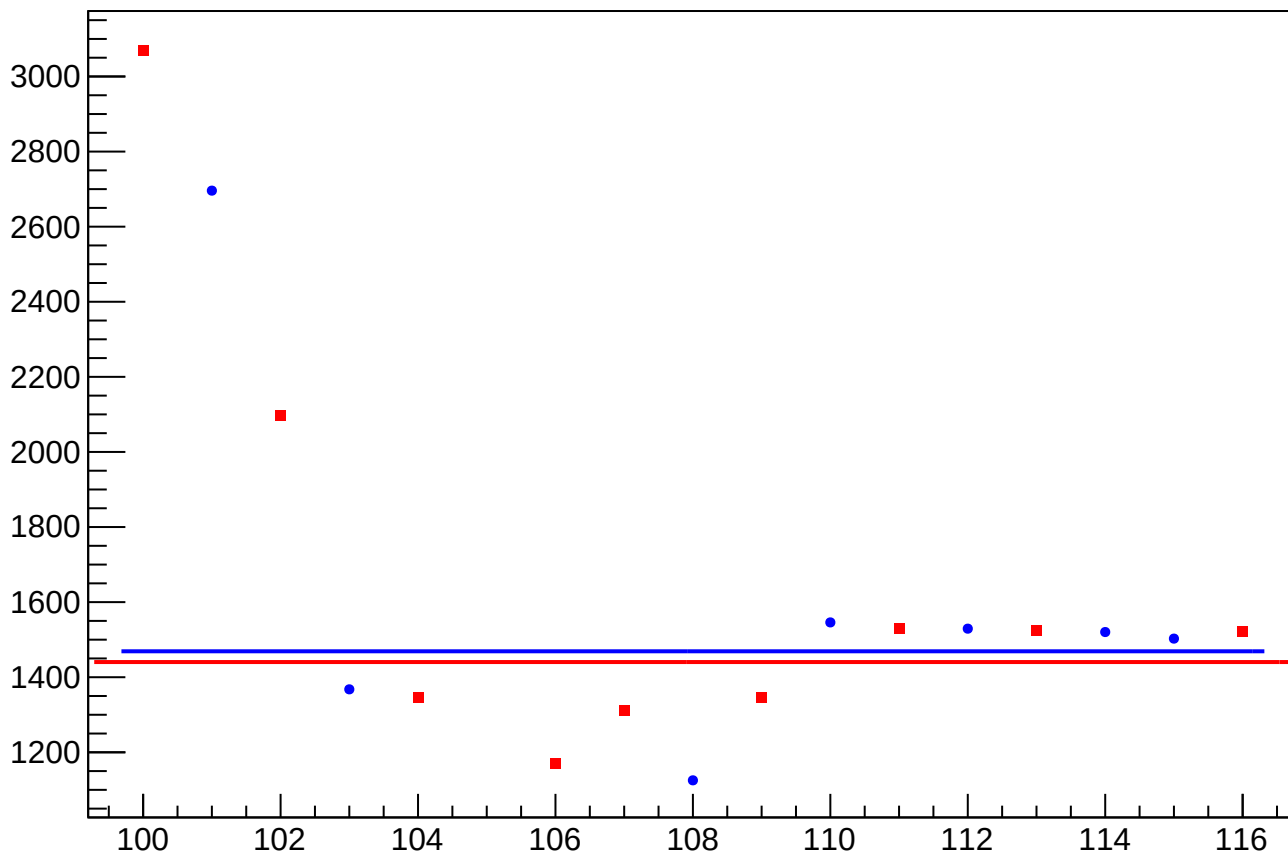
Right: -1028.219+/-610.382 χ^2/NDF : 8.5/15

In: -944.668+/-914.975 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1028.219+/-610.382 χ^2/NDF : 8.5/15

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1469.044+/-0.647 χ^2/NDF : 350884.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1440.409+/-0.579 χ^2/NDF : 167531.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

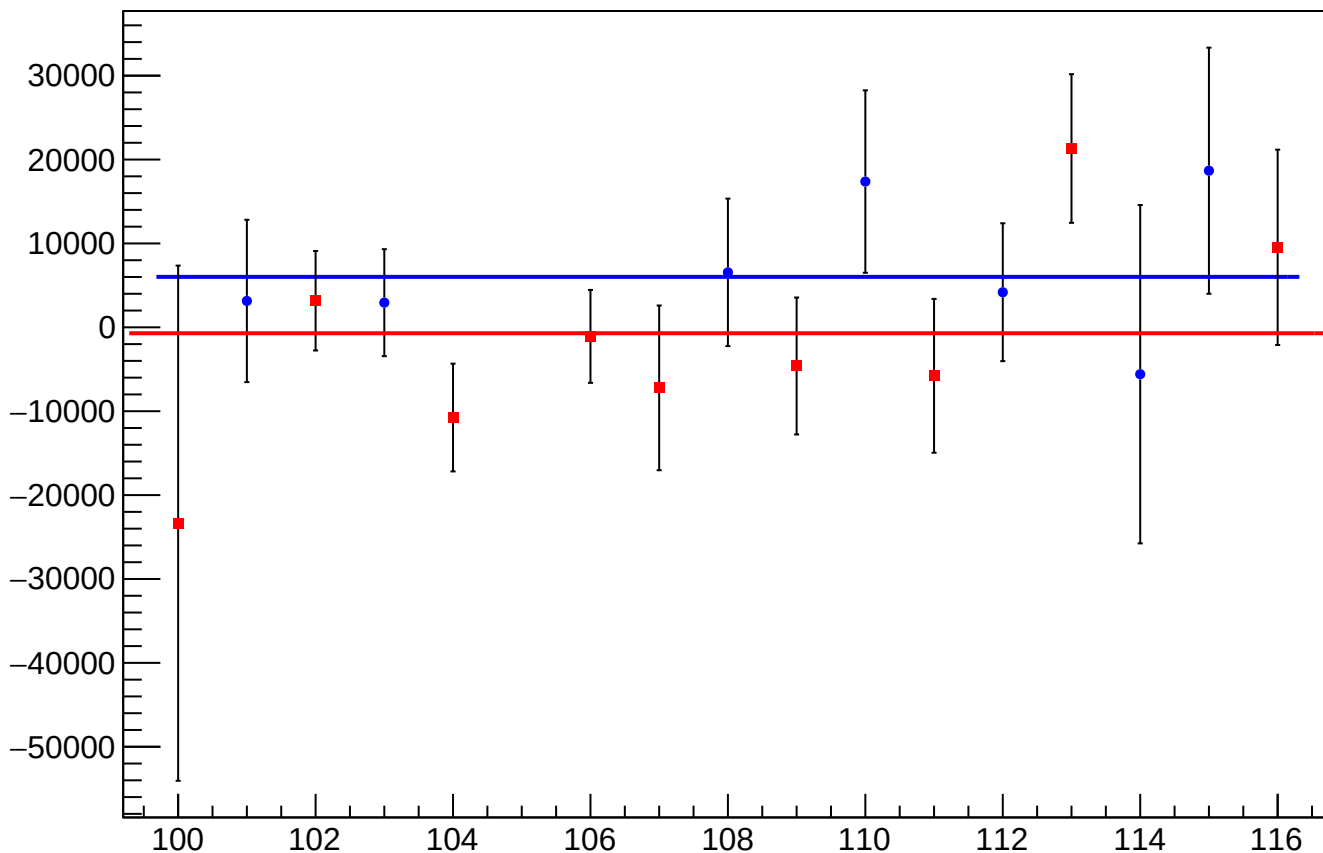
Right: 1453.144+/-0.431 χ^2/NDF : 519504.3/15

In: 1469.044+/-0.647 χ^2/NDF : 350884.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.144+/-0.431 χ^2/NDF : 519504.3/15

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 6014.722+/-3567.137 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -705.140+/-2637.871 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

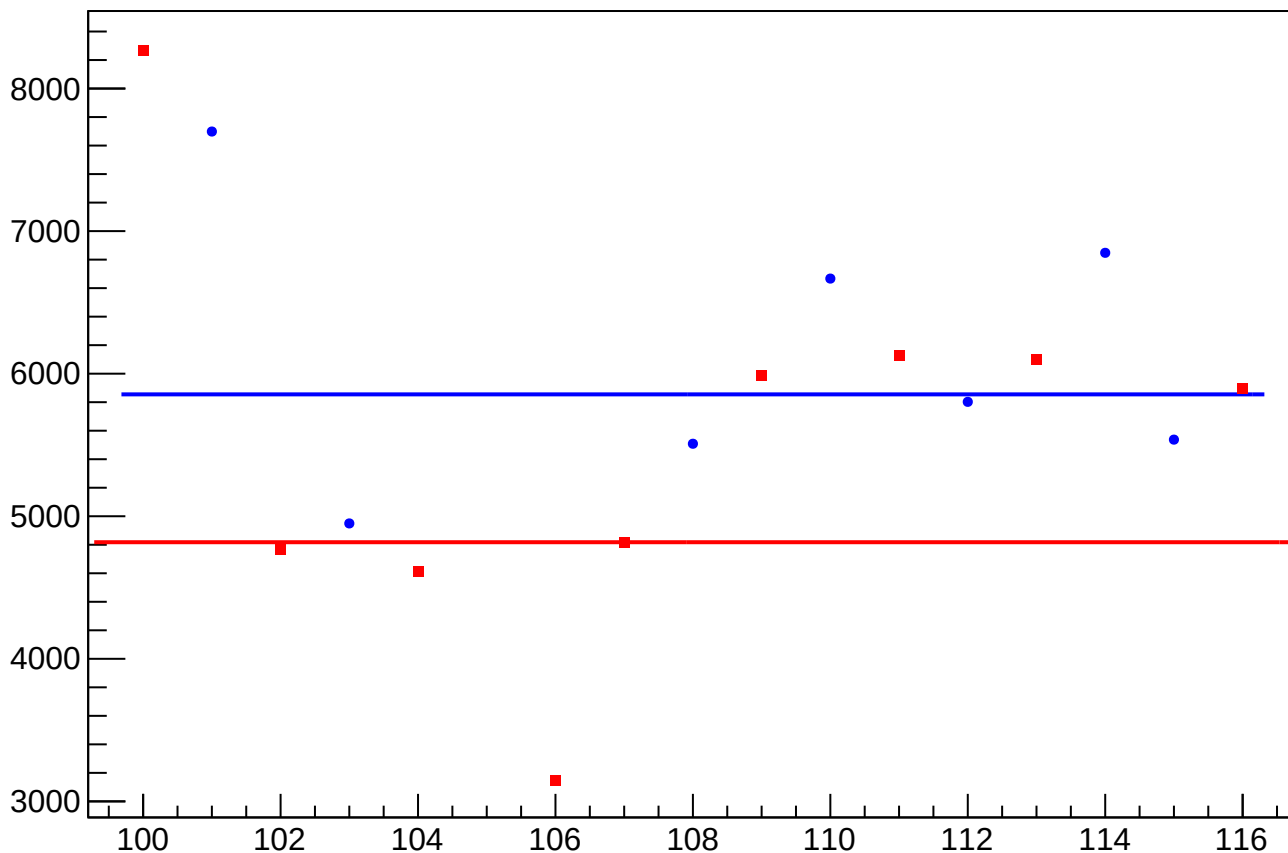
Right: 1670.496+/-2120.946 χ^2/NDF : 16.2/15

In: 6014.722+/-3567.137 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.496+/-2120.946 χ^2/NDF : 16.2/15

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5854.871+/-2.522 χ^2/NDF : 133050.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4817.839+/-1.865 χ^2/NDF : 349721.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

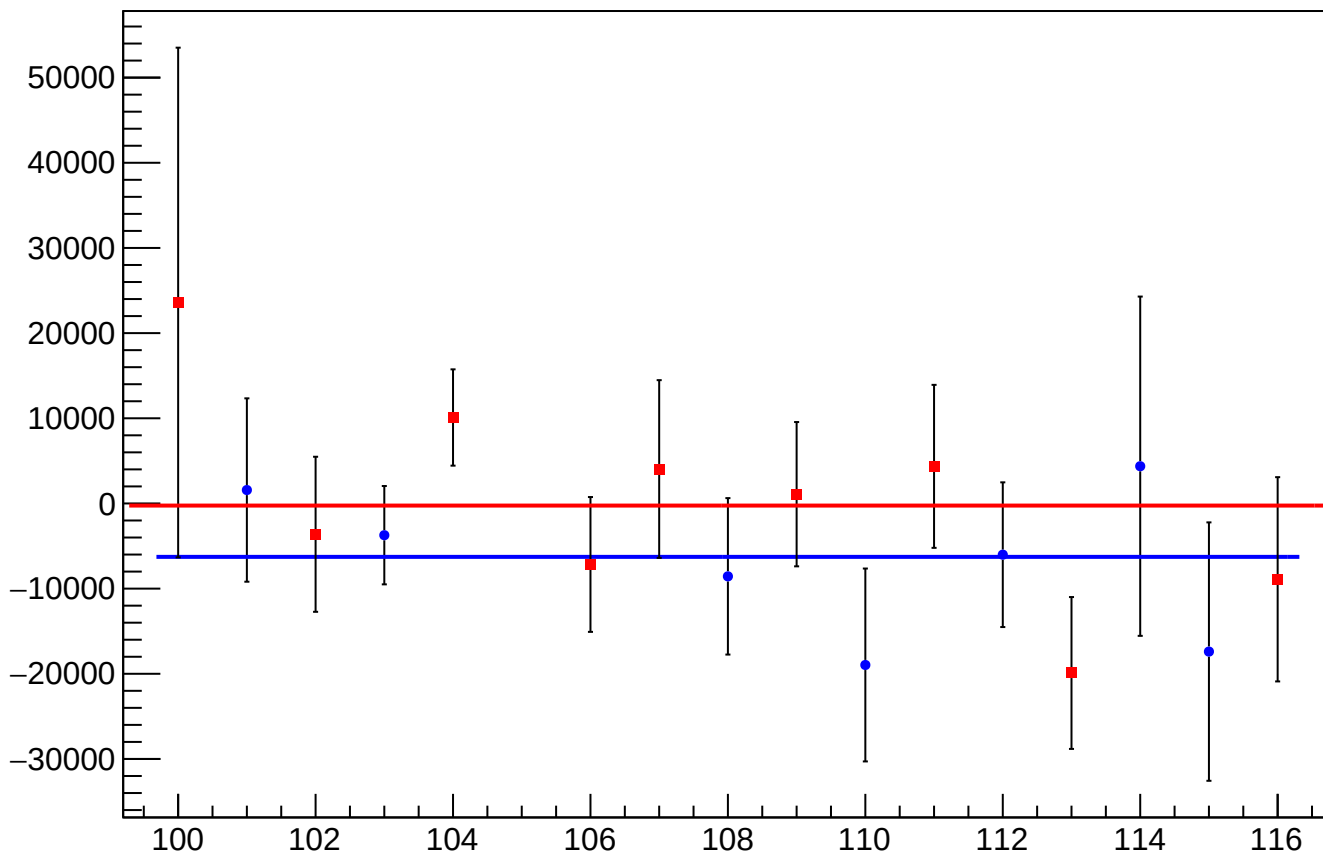
Right: 5184.455+/-1.500 χ^2/NDF : 592047.9/15

In: 5854.871+/-2.522 χ^2/NDF : 133050.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5184.455+/-1.500 χ^2/NDF : 592047.9/15

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -6271.324+/-3557.853 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.732+/-2961.698 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

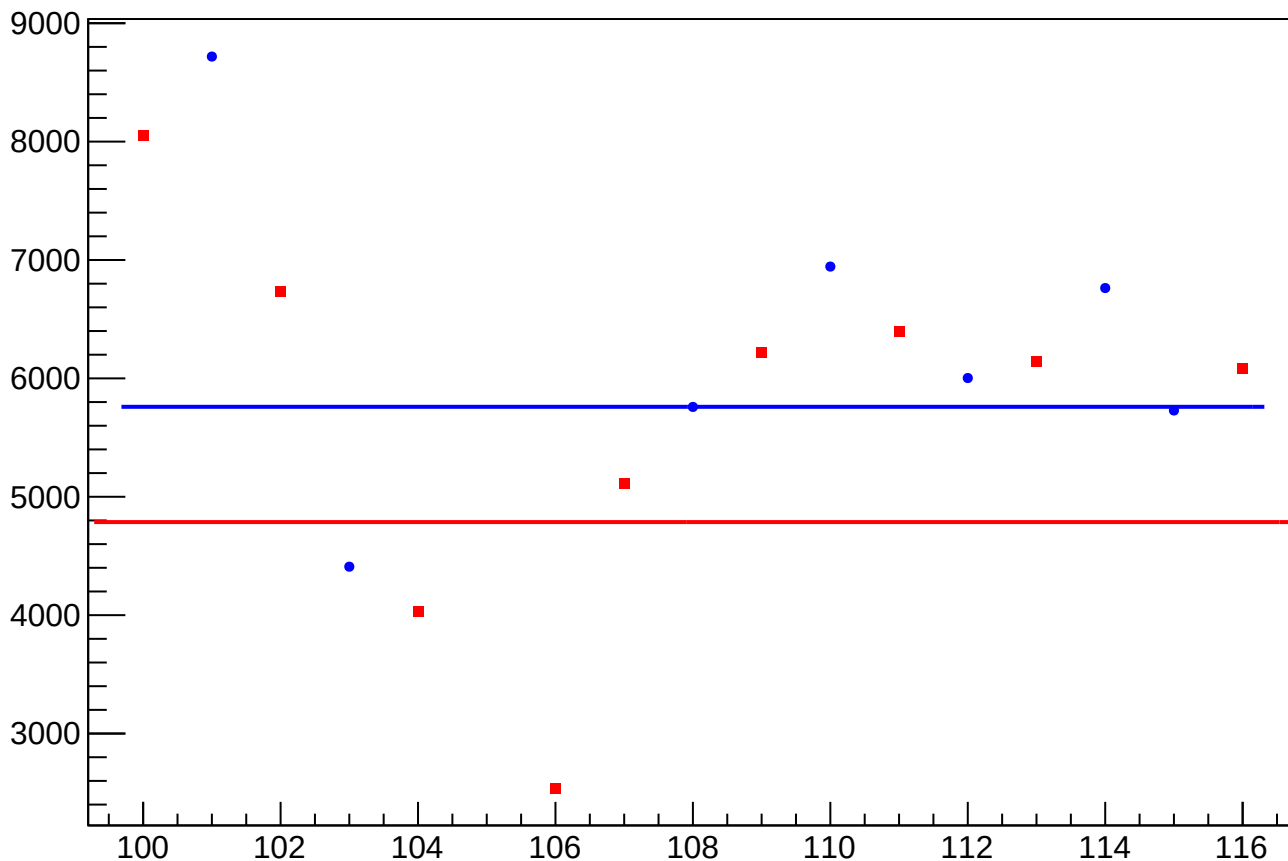
Right: -2713.883+/-2276.239 χ^2/NDF : 15.2/15

In: -6271.324+/-3557.853 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2713.883+/-2276.239 χ^2/NDF : 15.2/15

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5759.863+/-2.516 χ^2/NDF : 289061.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4786.248+/-1.967 χ^2/NDF : 651723.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

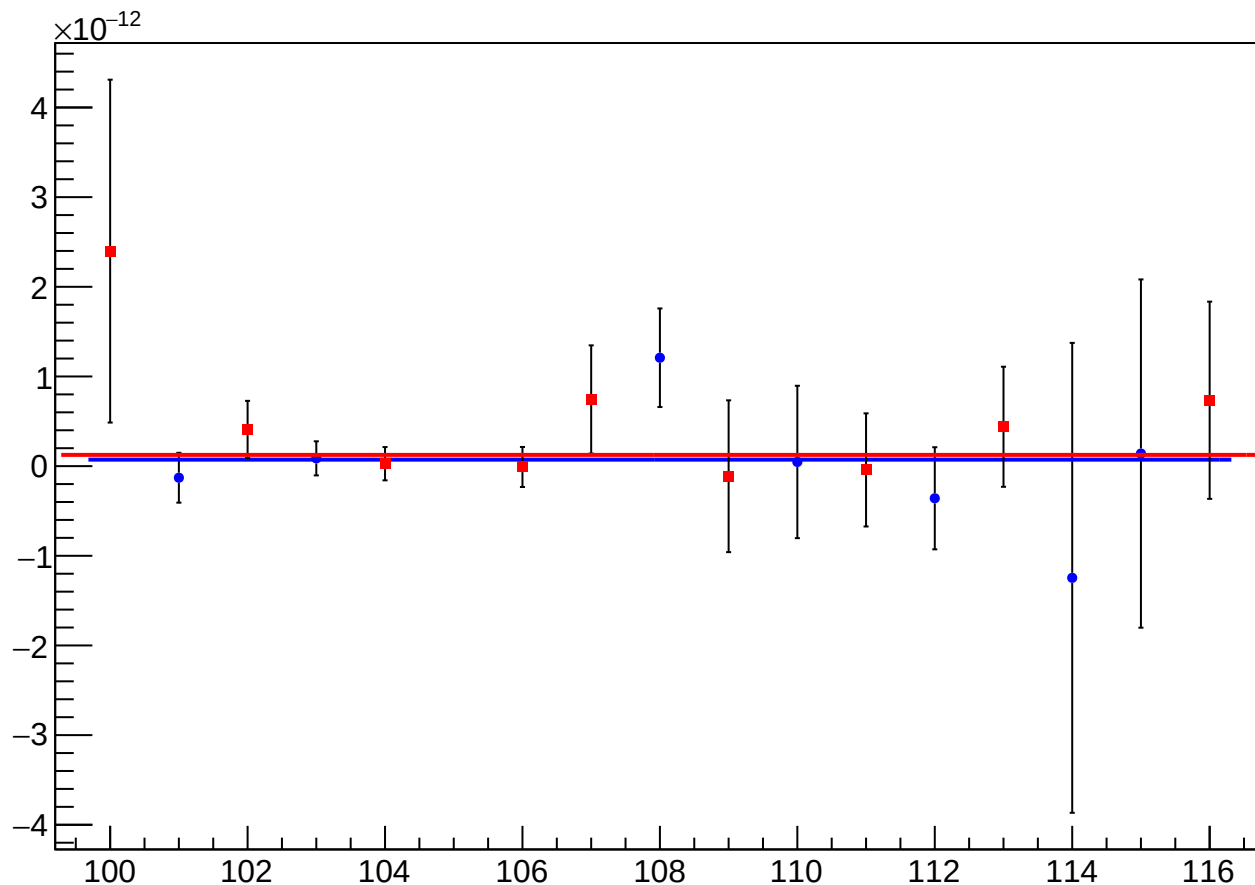
Right: 5155.544+/-1.549 χ^2/NDF : 1033750.2/15

In: 5759.863+/-2.516 χ^2/NDF : 289061.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5155.544+/-1.549 χ^2/NDF : 1033750.2/15

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

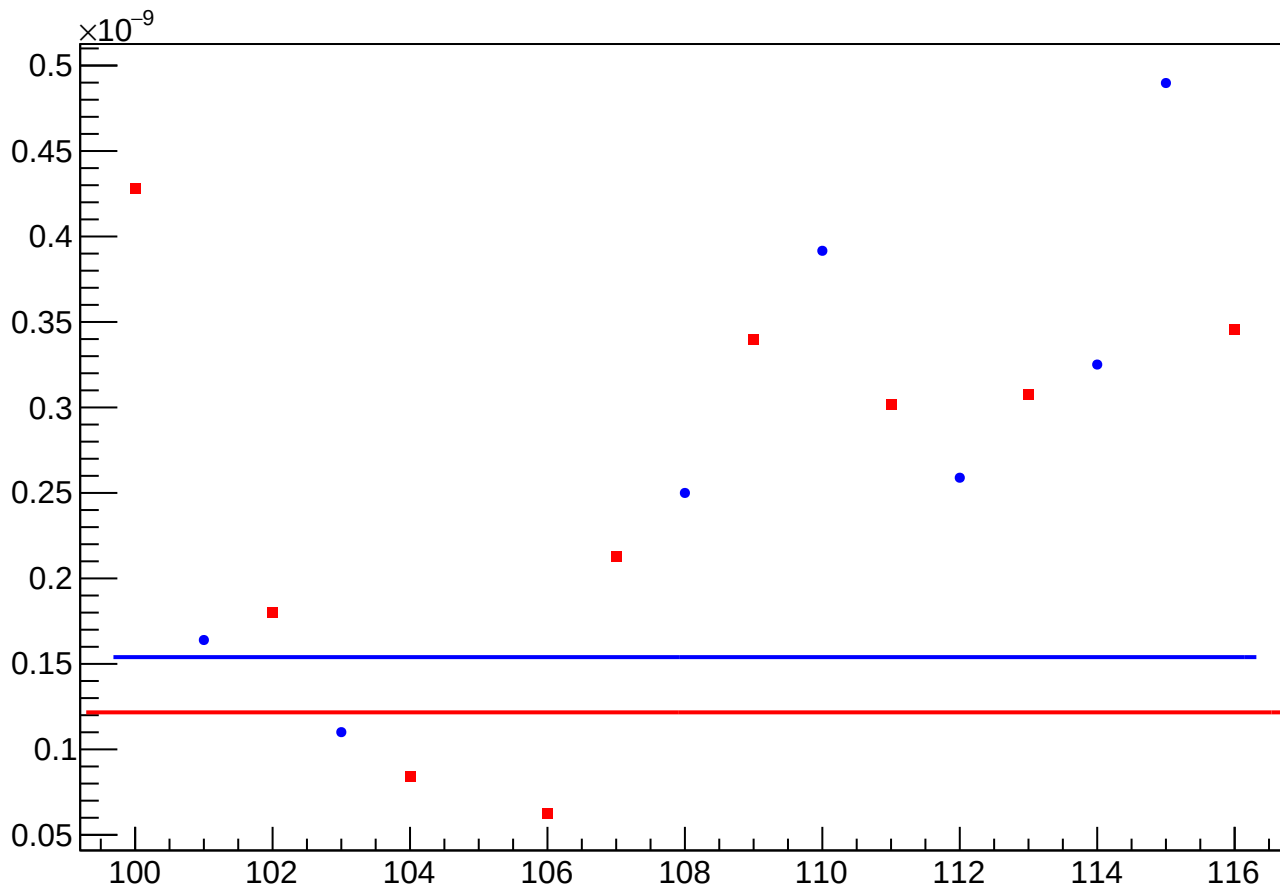
Right: 0.000+/-0.000 χ^2/NDF : 10.3/15

In: 0.000+/-0.000 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/15

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 462908.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 919581.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

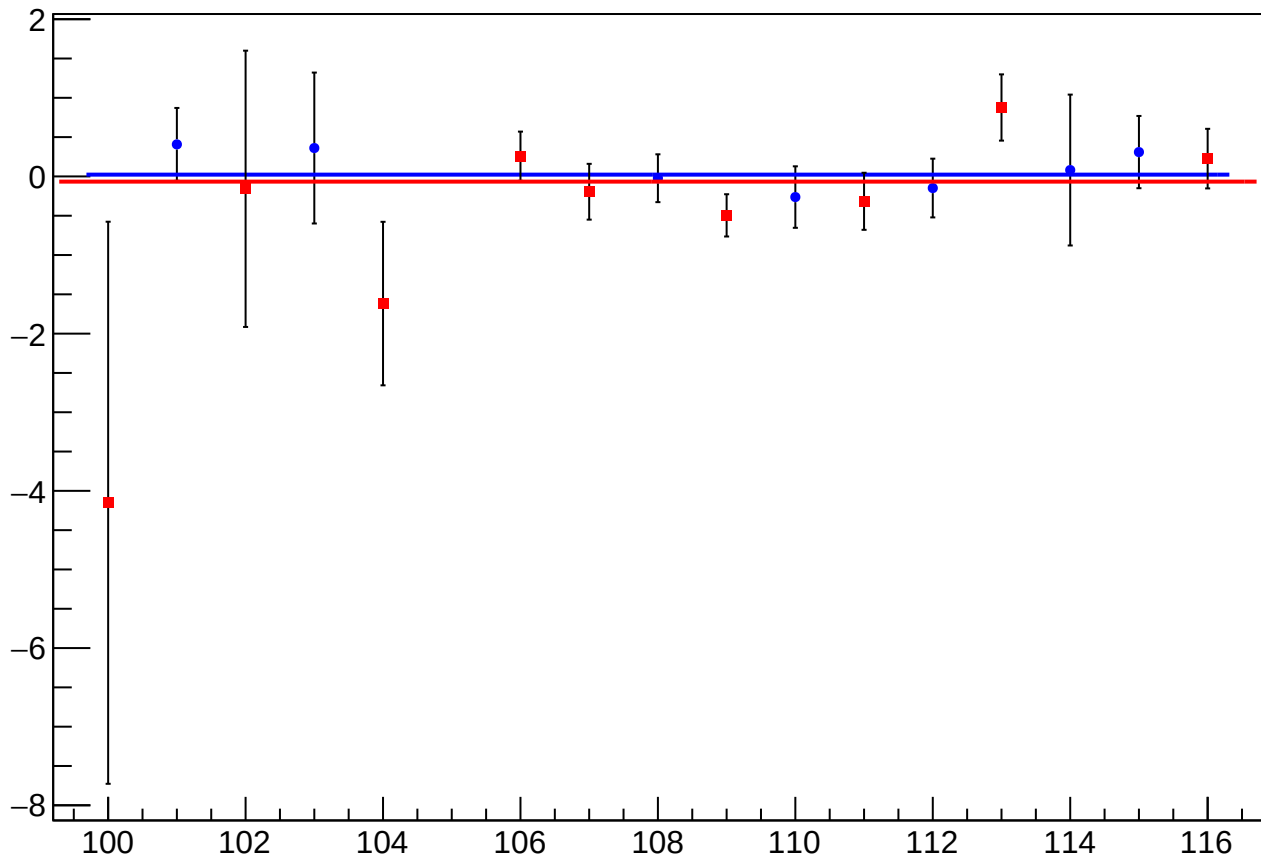
Right: 0.000+/-0.000 χ^2/NDF : 1442146.0/15

In: 0.000+/-0.000 χ^2/NDF : 462908.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1442146.0/15

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.137 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

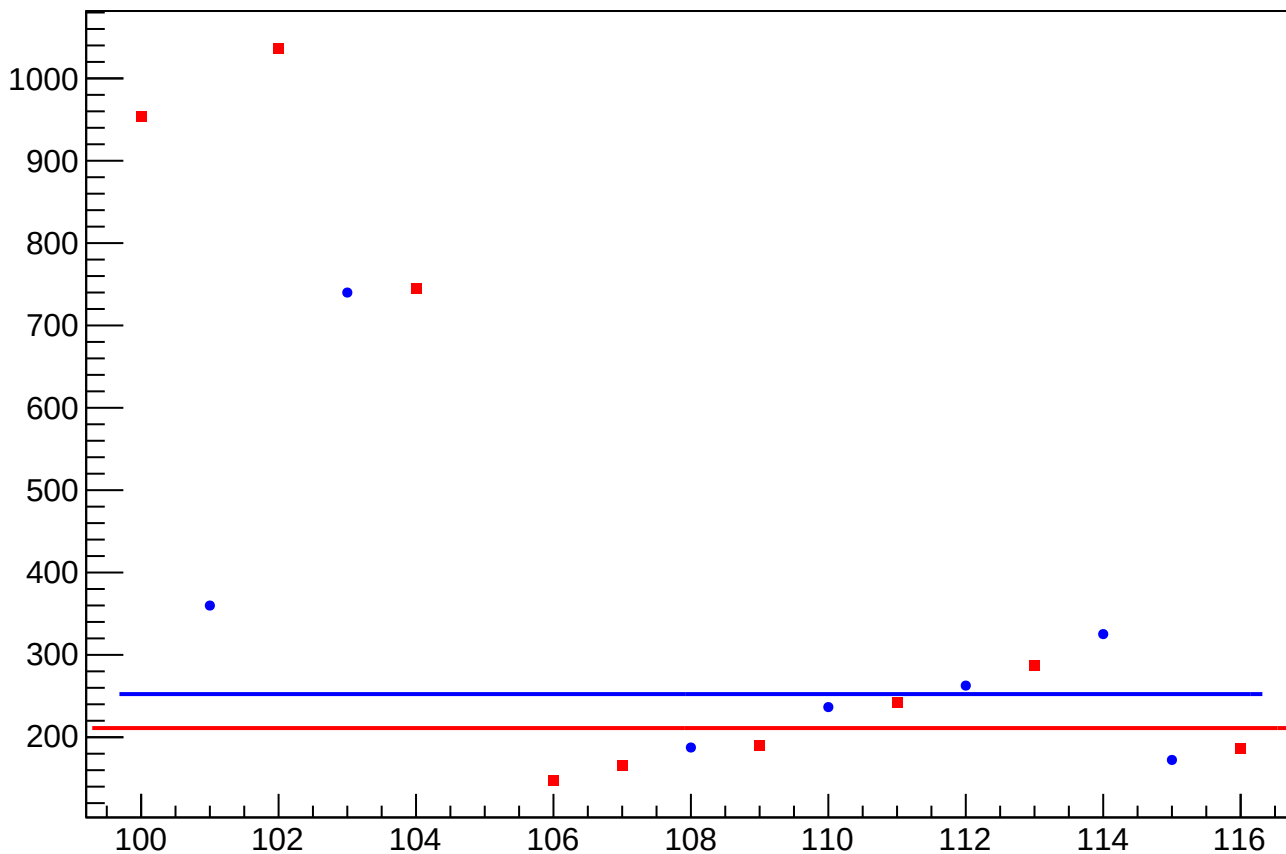
Right: -0.030+/-0.106 χ^2/NDF : 15.5/15

In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.106 χ^2/NDF : 15.5/15

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 252.394+/-0.118 χ^2/NDF : 791328.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.129+/-0.097 χ^2/NDF : 1270208.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

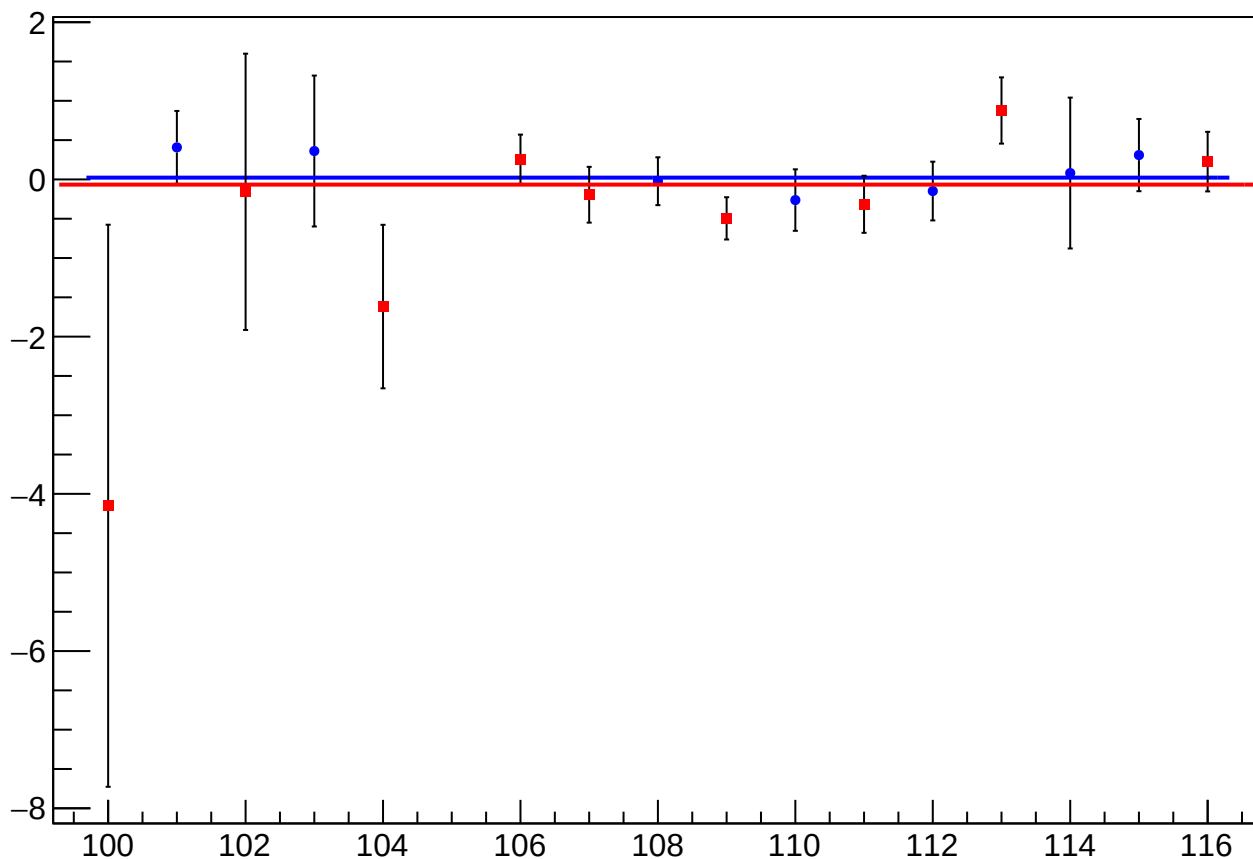
Right: 227.747+/-0.075 χ^2/NDF : 2134890.9/15

In: 252.394+/-0.118 χ^2/NDF : 791328.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.747+/-0.075 χ^2/NDF : 2134890.9/15

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.137 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

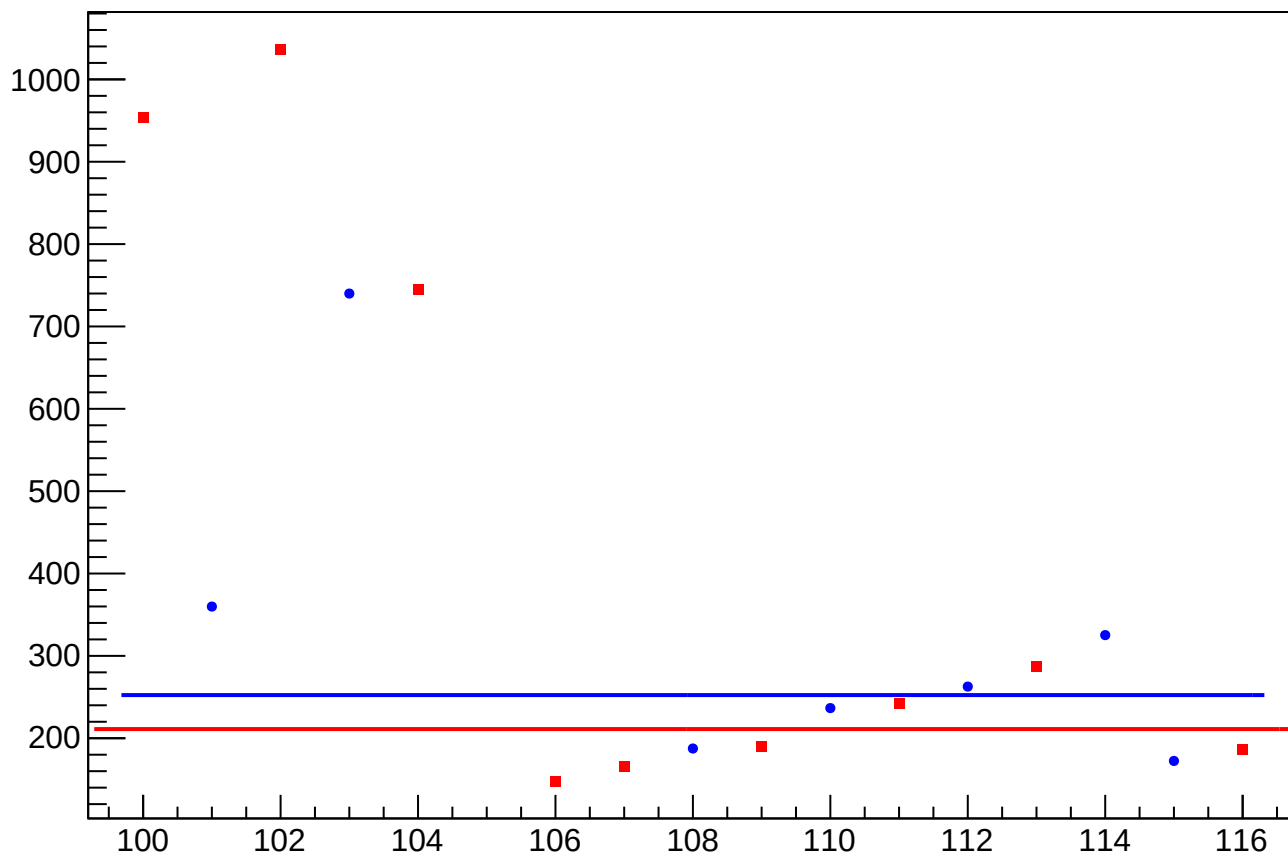
Right: -0.030+/-0.106 χ^2/NDF : 15.5/15

In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.106 χ^2/NDF : 15.5/15

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 252.394+/-0.118 χ^2/NDF : 791328.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.129+/-0.097 χ^2/NDF : 1270208.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

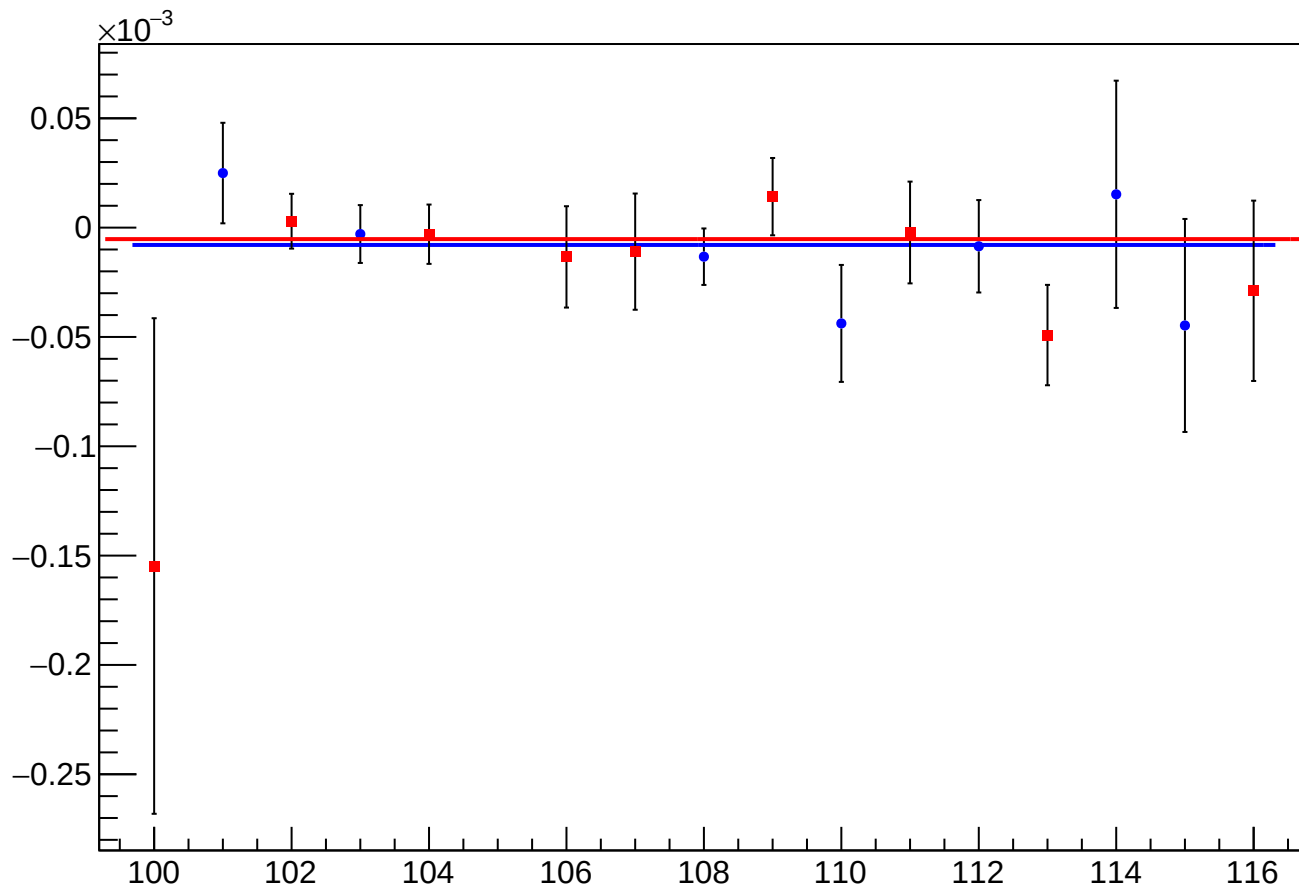
Right: 227.747+/-0.075 χ^2/NDF : 2134890.9/15

In: 252.394+/-0.118 χ^2/NDF : 791328.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.747+/-0.075 χ^2/NDF : 2134890.9/15

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 : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

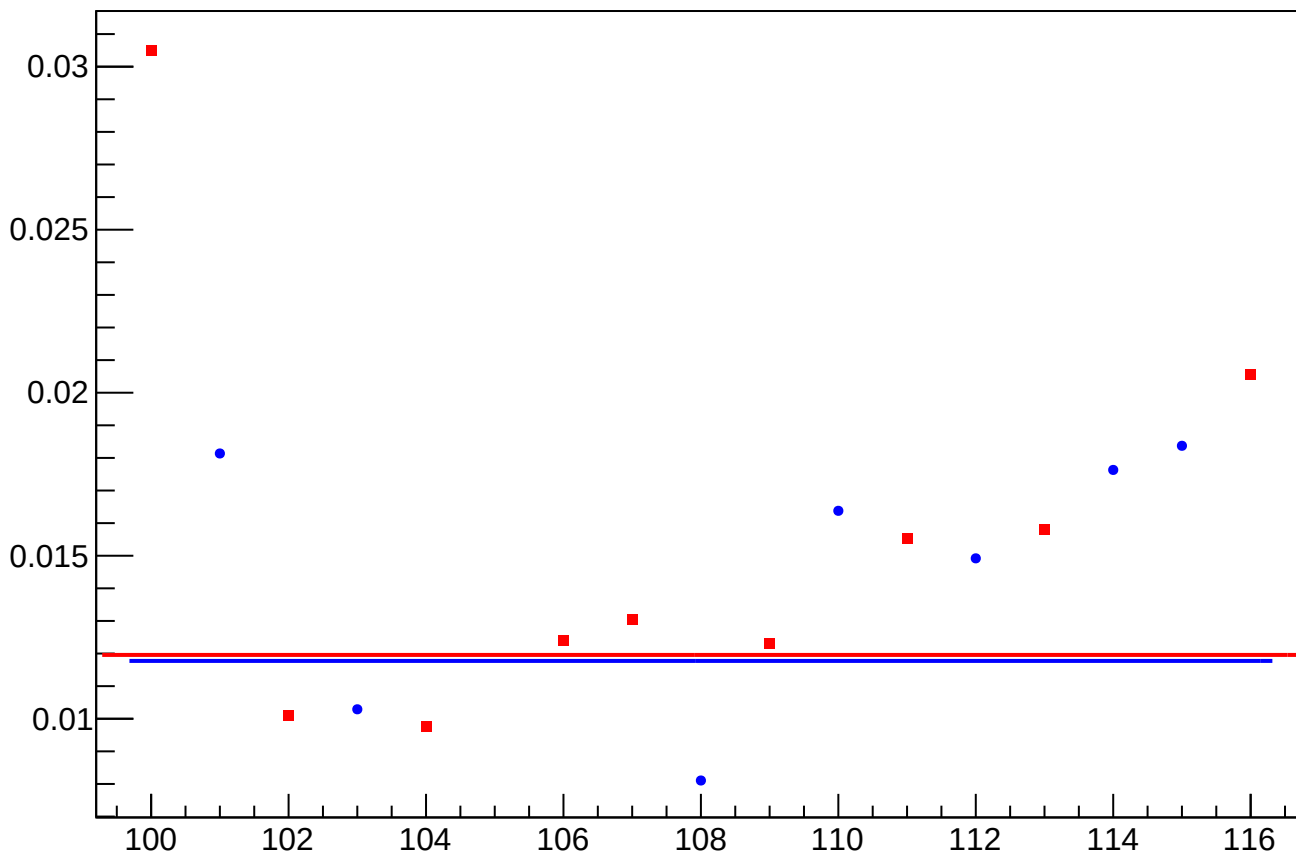
Right: -0.000+/-0.000 χ^2/NDF : 12.6/15

In: -0.000+/-0.000 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/15

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 : 505351.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 346051.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

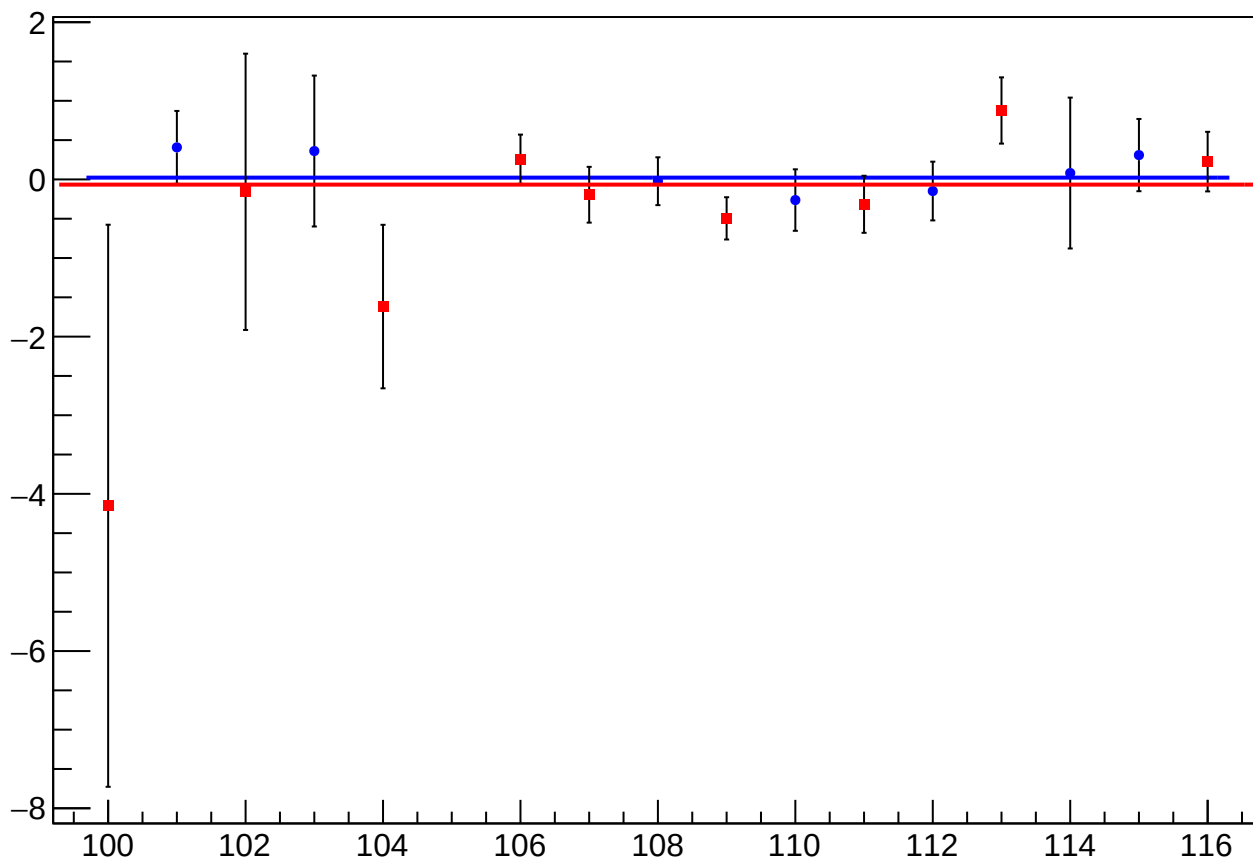
Right: 0.012+/-0.000 χ^2/NDF : 852081.9/15

In: 0.012+/-0.000 χ^2/NDF : 505351.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 852081.9/15

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.137 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

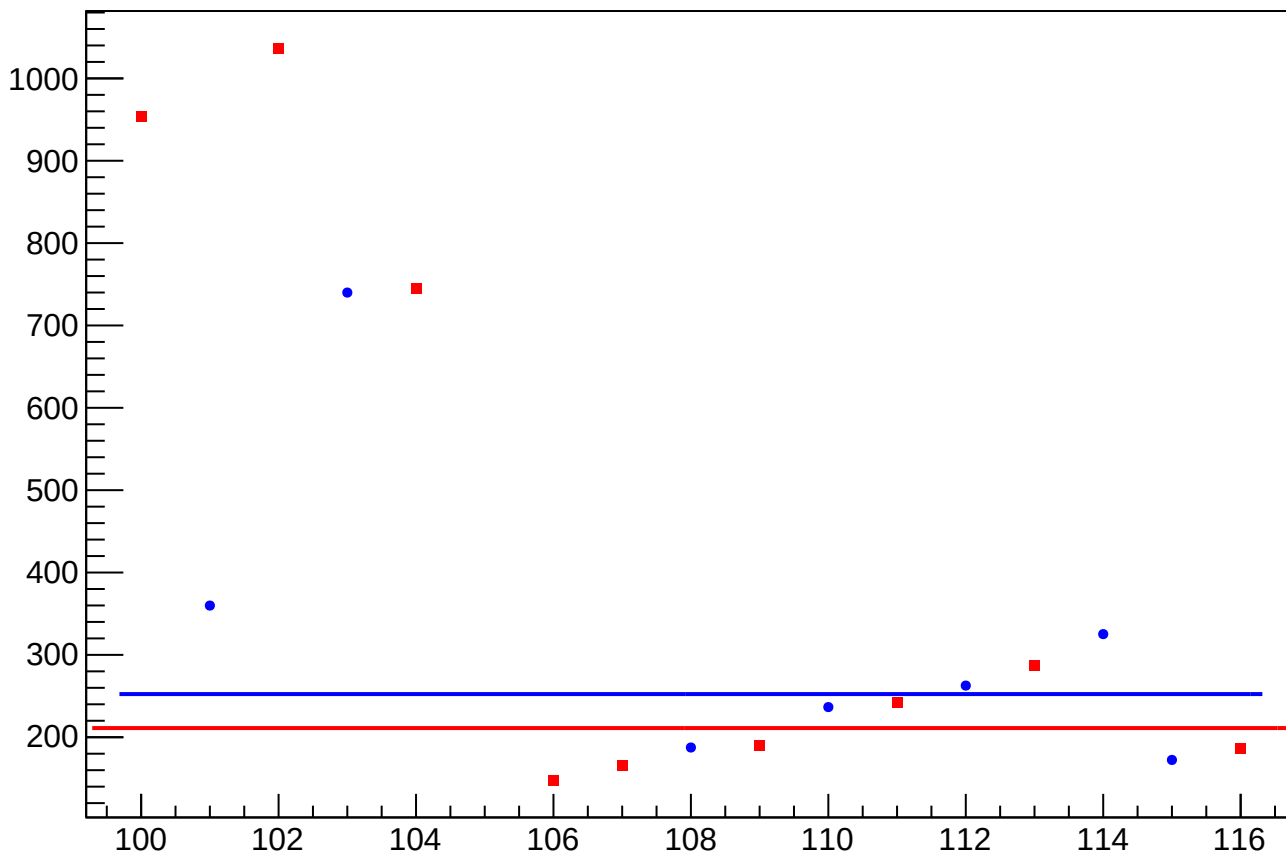
Right: -0.030+/-0.106 χ^2/NDF : 15.5/15

In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.106 χ^2/NDF : 15.5/15

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 252.398+/-0.118 χ^2/NDF : 791300.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.131+/-0.097 χ^2/NDF : 1270208.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

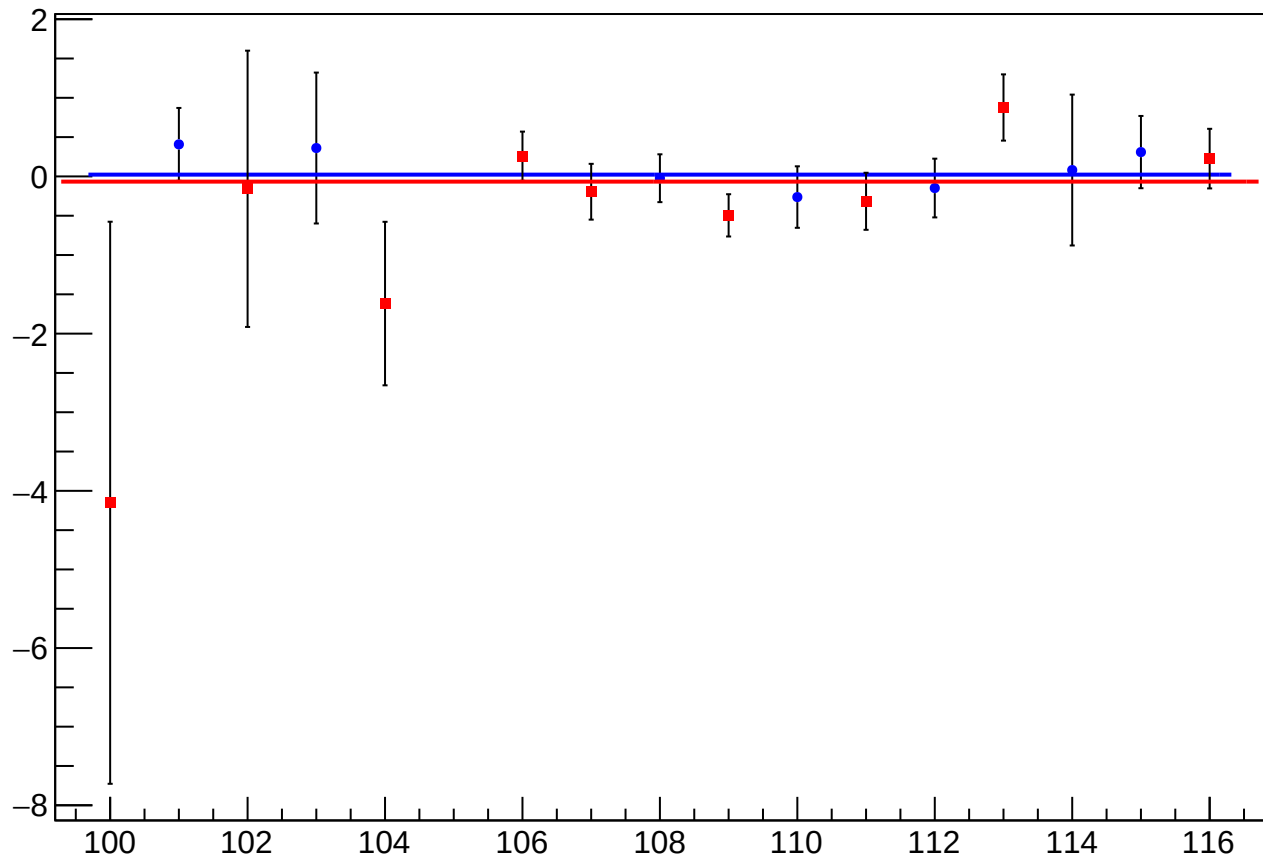
Right: 227.749+/-0.075 χ^2/NDF : 2134867.7/15

In: 252.398+/-0.118 χ^2/NDF : 791300.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.749+/-0.075 χ^2/NDF : 2134867.7/15

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.137 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

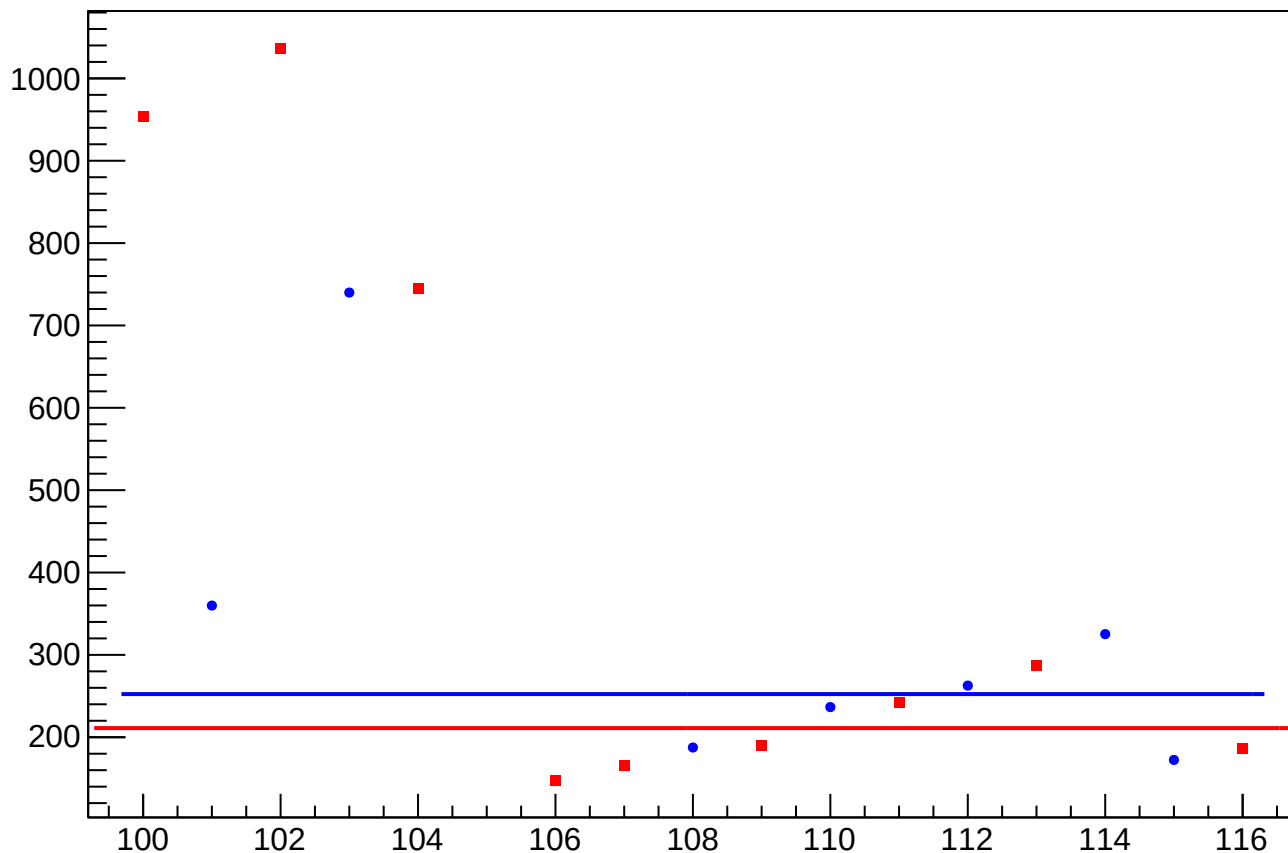
Right: -0.030+/-0.106 χ^2/NDF : 15.5/15

In: 0.023+/-0.167 χ^2/NDF : 2.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.106 χ^2/NDF : 15.5/15

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 252.398+/-0.118 χ^2/NDF : 791300.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.131+/-0.097 χ^2/NDF : 1270208.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

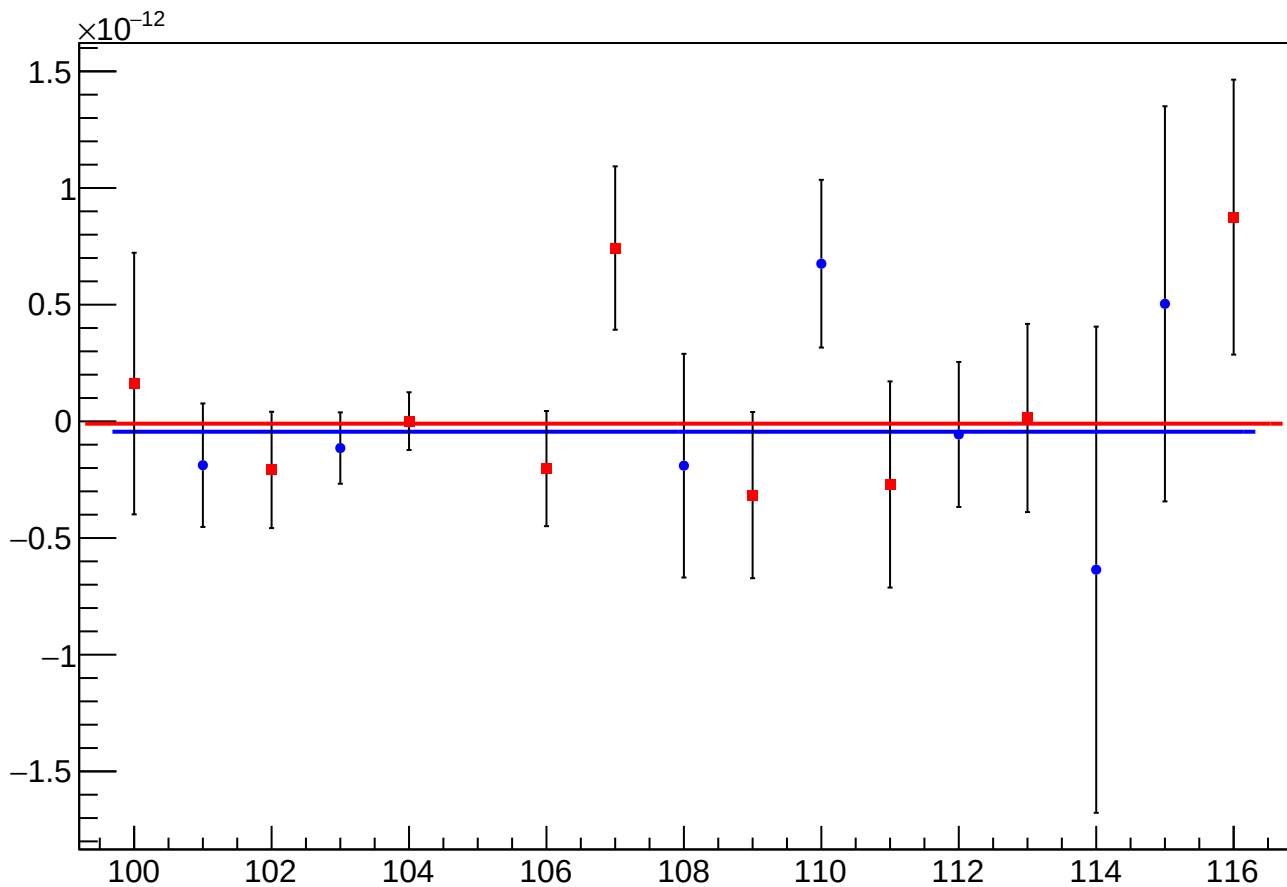
Right: 227.749+/-0.075 χ^2/NDF : 2134867.7/15

In: 252.398+/-0.118 χ^2/NDF : 791300.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.749+/-0.075 χ^2/NDF : 2134867.7/15

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: 5.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

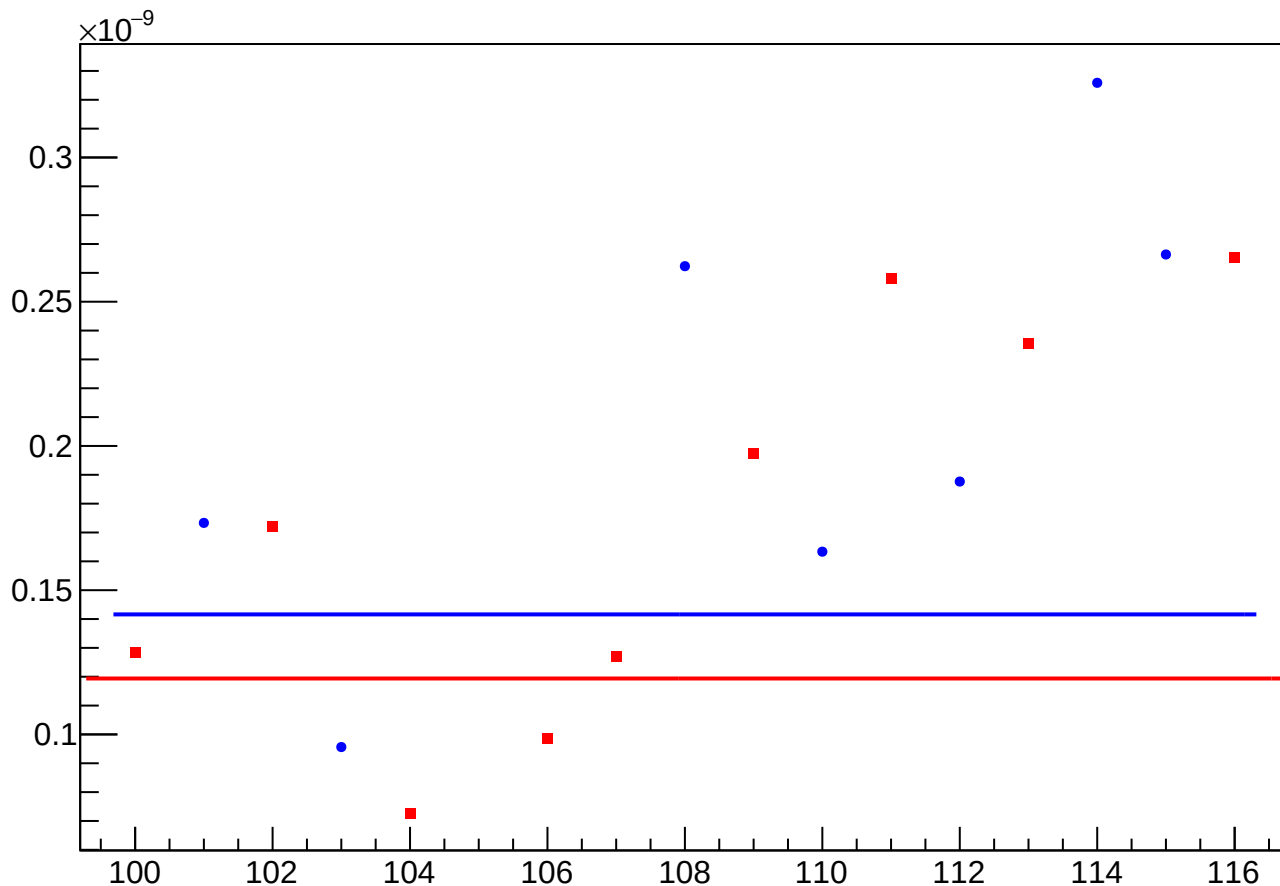
Right: -0.000+/-0.000 χ^2 /NDF: 14.7/15

In: -0.000+/-0.000 χ^2 /NDF:5.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.7/15

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 : 493773.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 973983.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

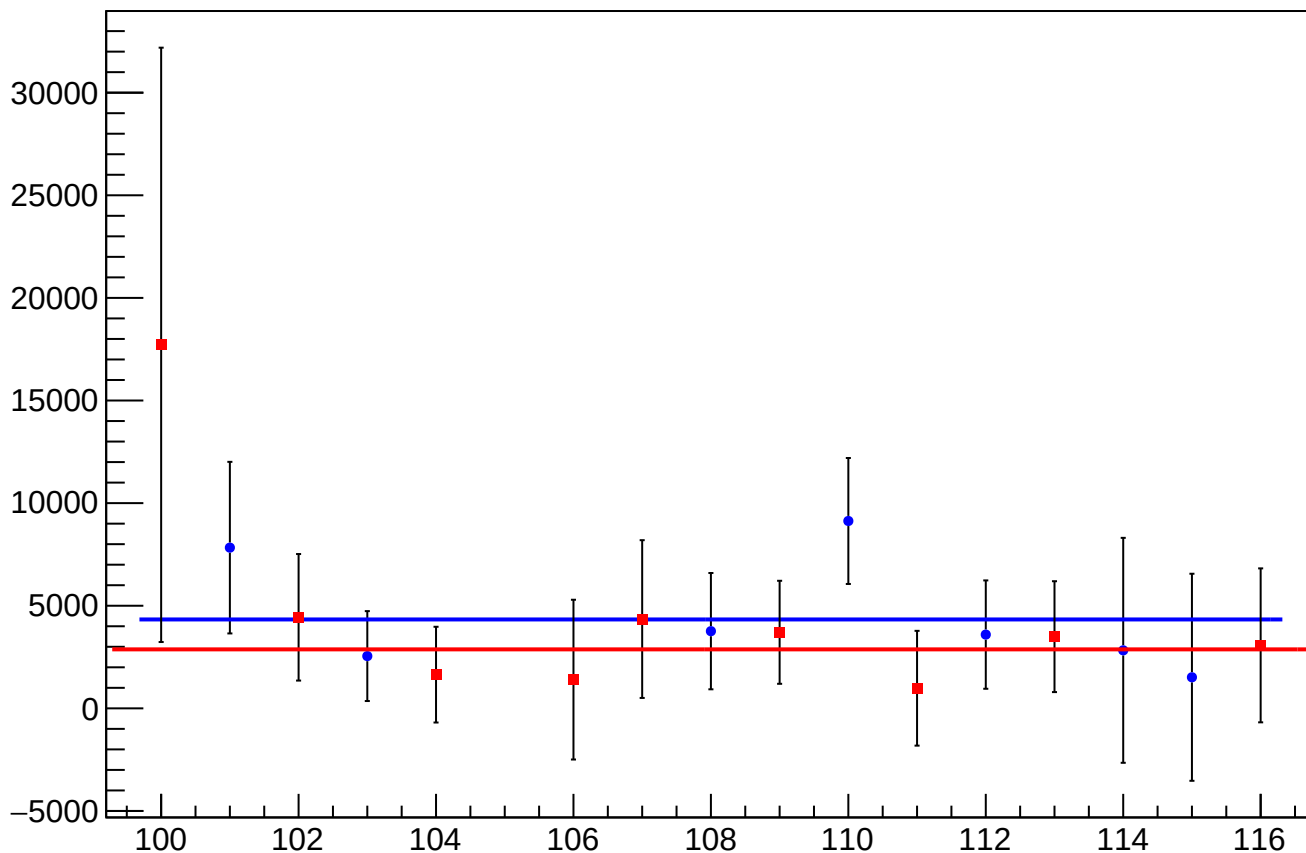
Right: 0.000+/-0.000 χ^2/NDF : 1517517.5/15

In: 0.000+/-0.000 χ^2/NDF : 493773.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1517517.5/15

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4331.878+/-1184.753 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2874.223+/-1041.359 χ^2/NDF : 2.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

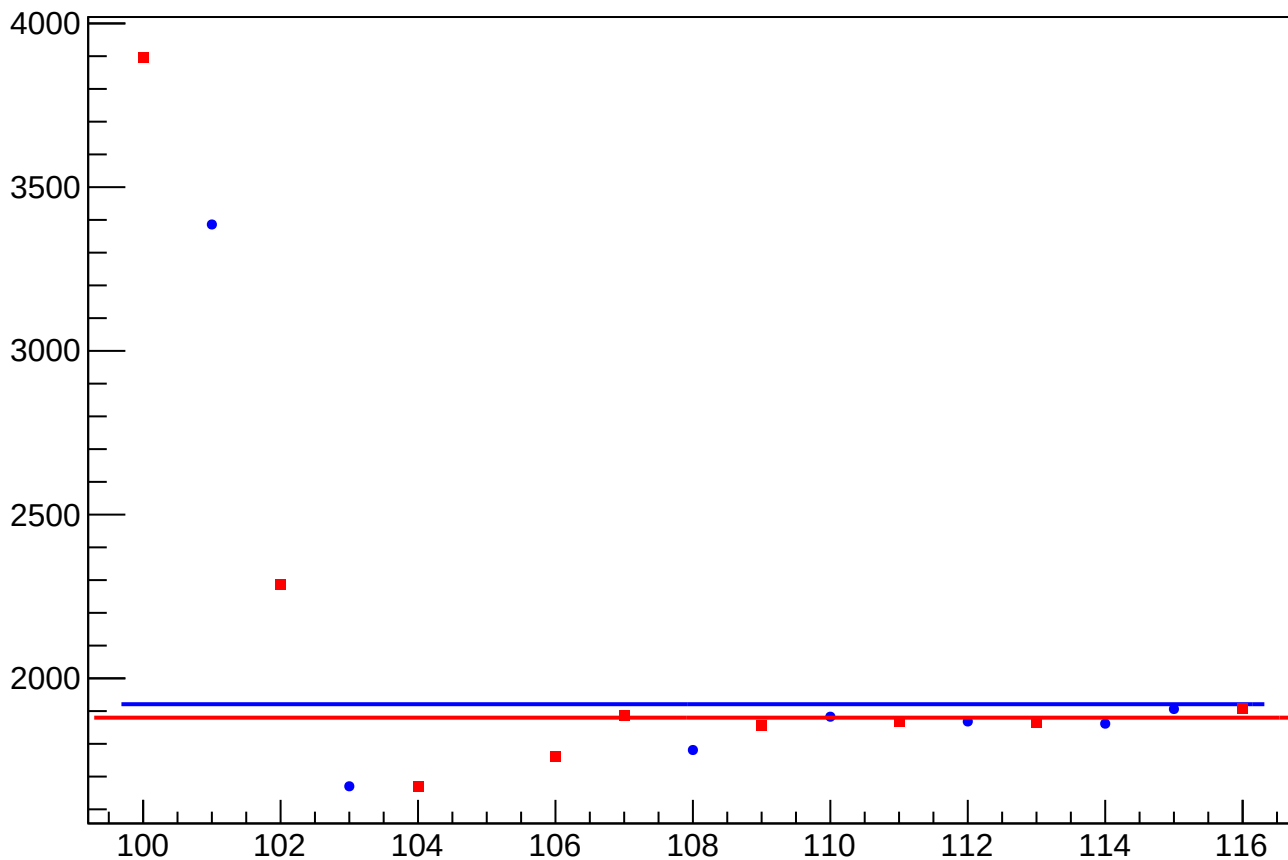
Right: 3509.545+/-782.163 χ^2/NDF : 7.7/15

In: 4331.878+/-1184.753 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3509.545+/-782.163 χ^2/NDF : 7.7/15

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1921.003+/-0.838 χ^2/NDF : 278070.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1879.921+/-0.731 χ^2/NDF : 92280.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

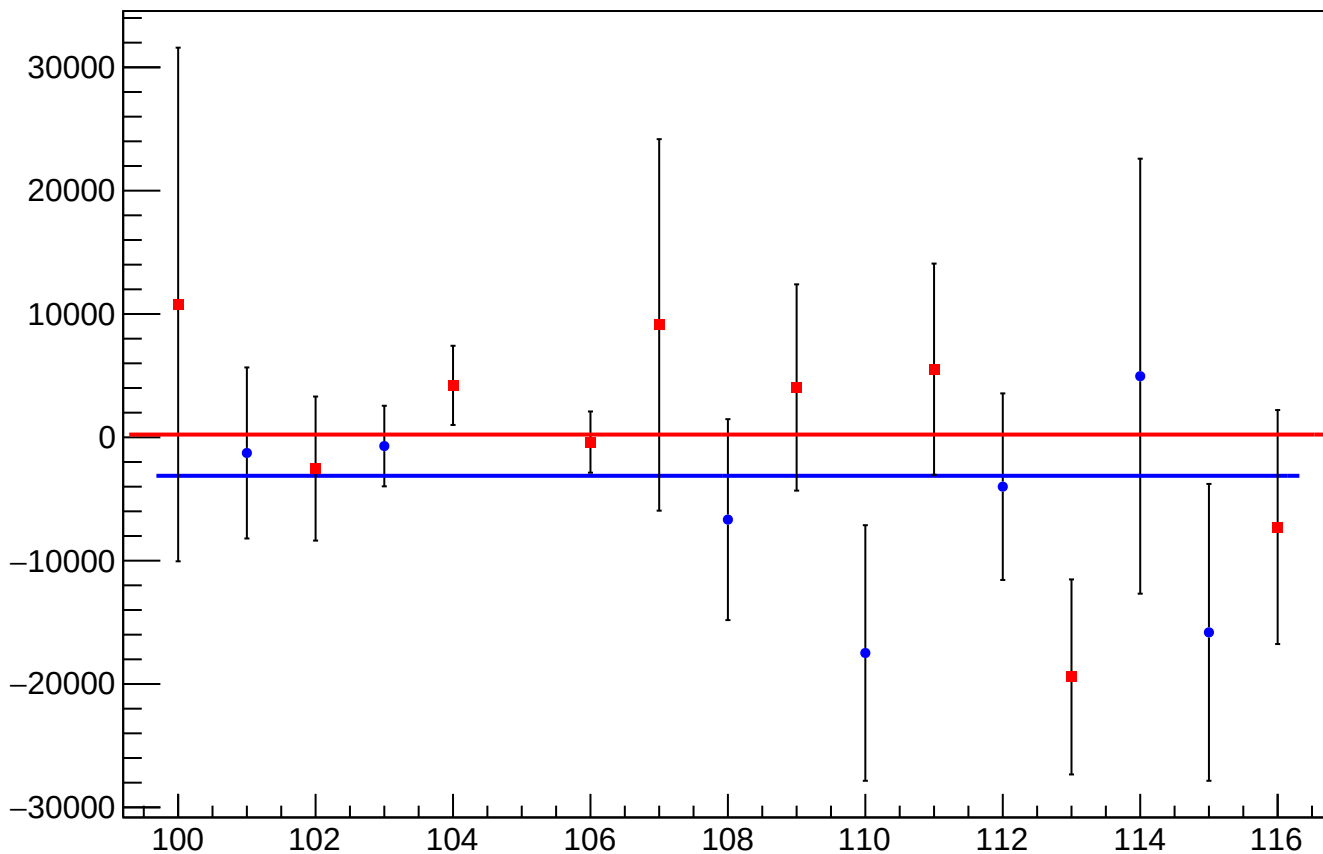
Right: 1897.690+/-0.551 χ^2/NDF : 371715.6/15

In: 1921.003+/-0.838 χ^2/NDF : 278070.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.690+/-0.551 χ^2/NDF : 371715.6/15

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3119.083+/-2451.230 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.734+/-1688.946 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

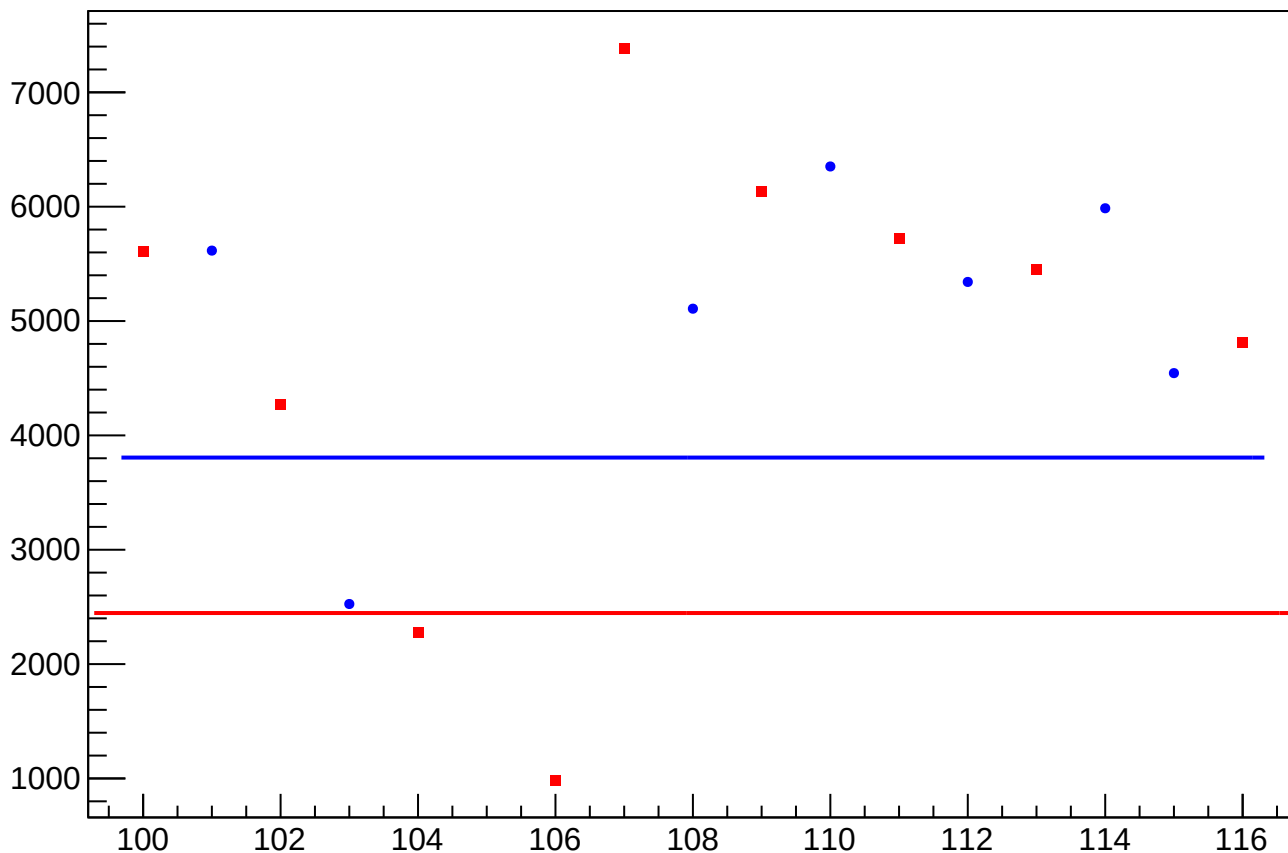
Right: -851.701+/-1390.775 χ^2/NDF : 15.2/15

In: -3119.083+/-2451.230 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -851.701+/-1390.775 χ^2/NDF : 15.2/15

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3806.089+/-1.733 χ^2/NDF : 735727.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2446.611+/-1.194 χ^2/NDF : 2252207.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

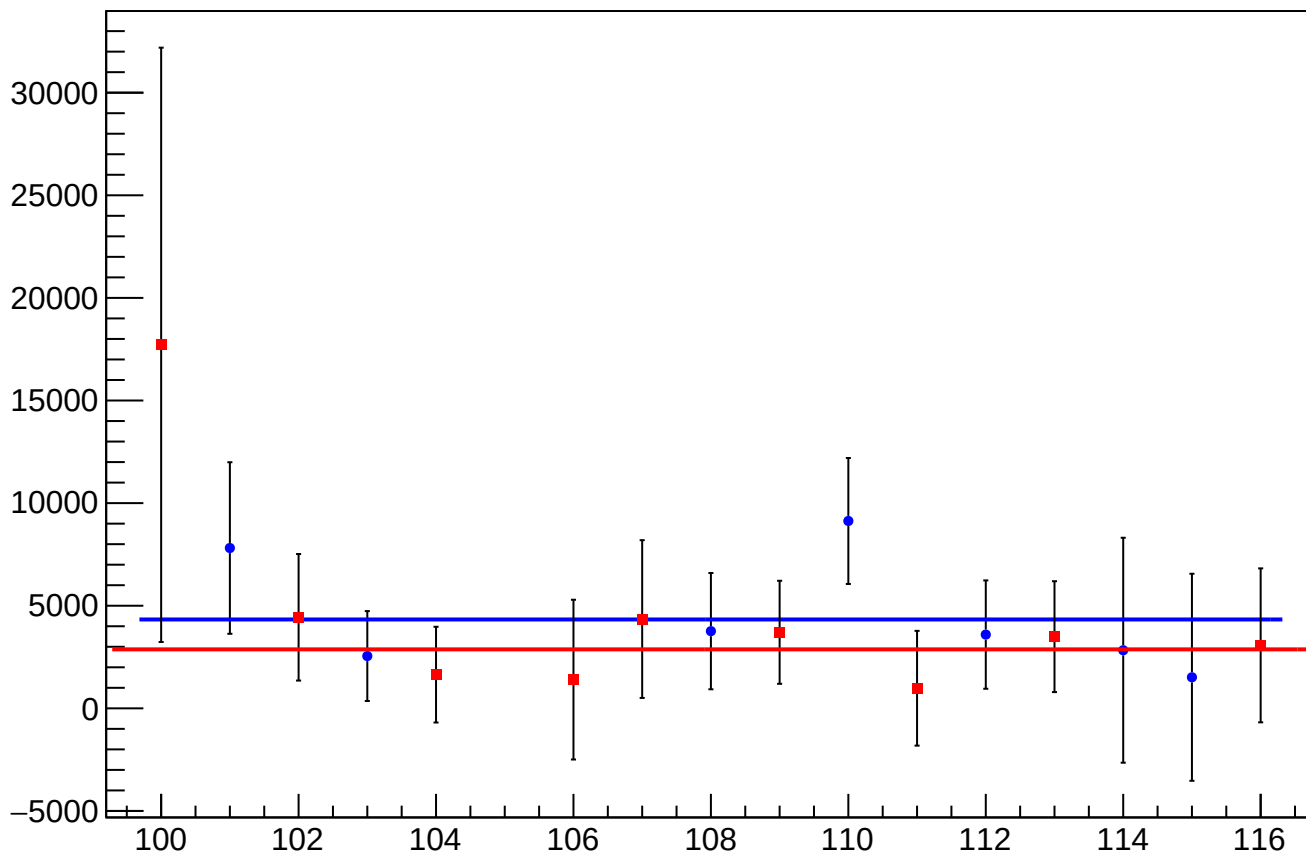
Right: 2884.252+/-0.983 χ^2/NDF : 3405082.2/15

In: 3806.089+/-1.733 χ^2/NDF : 735727.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2884.252+/-0.983 χ^2/NDF : 3405082.2/15

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4330.708+/-1184.754 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2873.892+/-1041.359 χ^2/NDF : 2.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

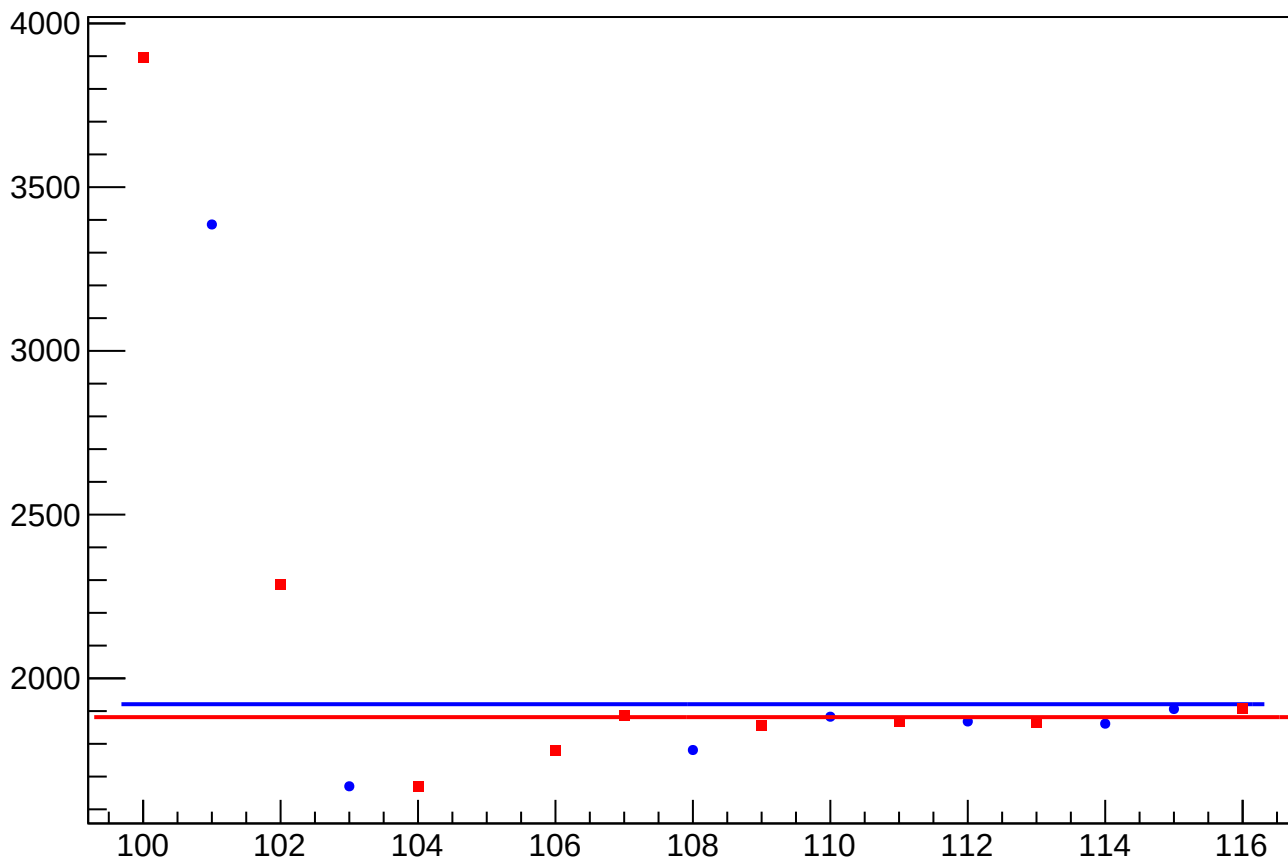
Right: 3508.848+/-782.163 χ^2/NDF : 7.7/15

In: 4330.708+/-1184.754 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3508.848+/-782.163 χ^2/NDF : 7.7/15

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1921.003+/-0.838 χ^2/NDF : 278072.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.530+/-0.732 χ^2/NDF : 91650.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

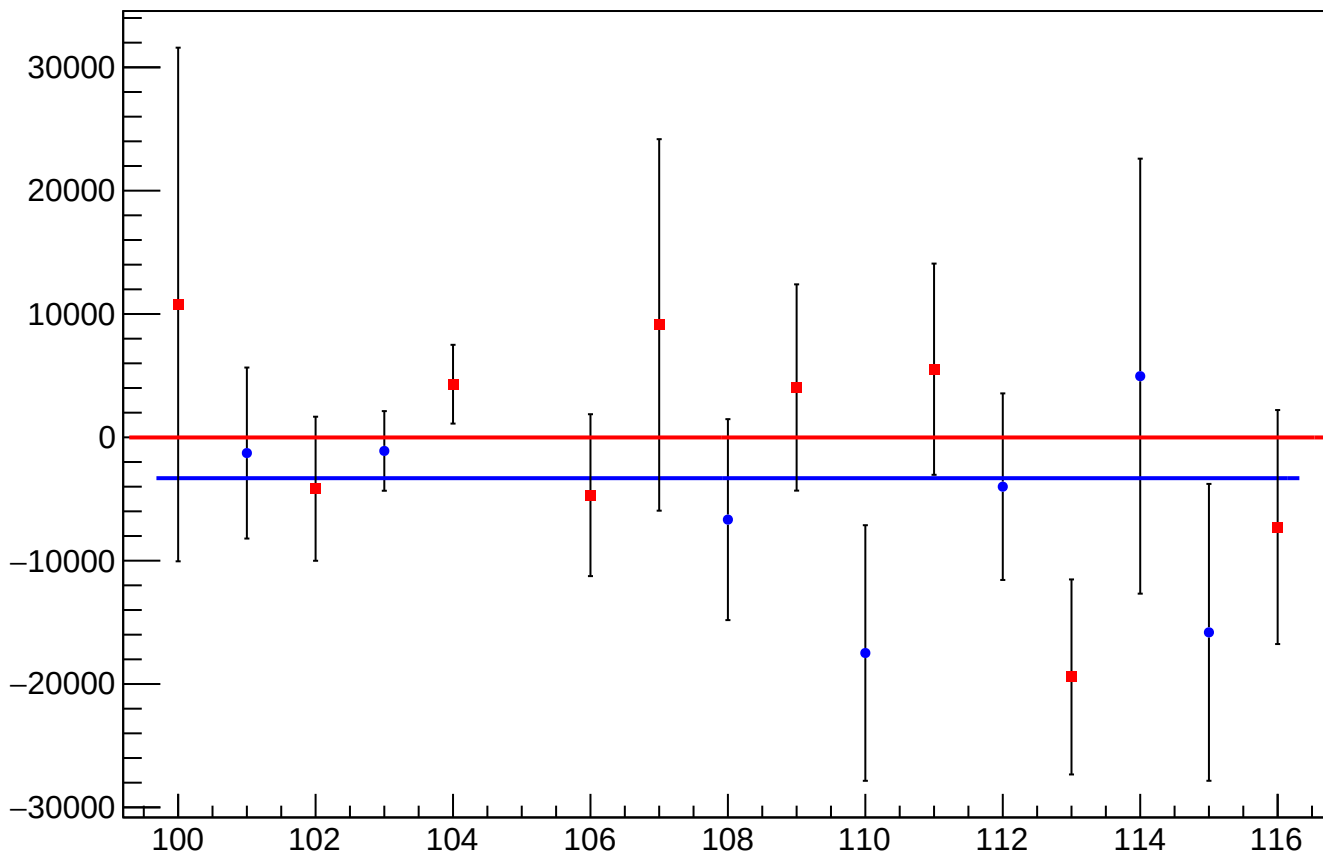
Right: 1898.617+/-0.551 χ^2/NDF : 370981.8/15

In: 1921.003+/-0.838 χ^2/NDF : 278072.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.617+/-0.551 χ^2/NDF : 370981.8/15

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3311.384+/-2434.402 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.457+/-2170.103 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

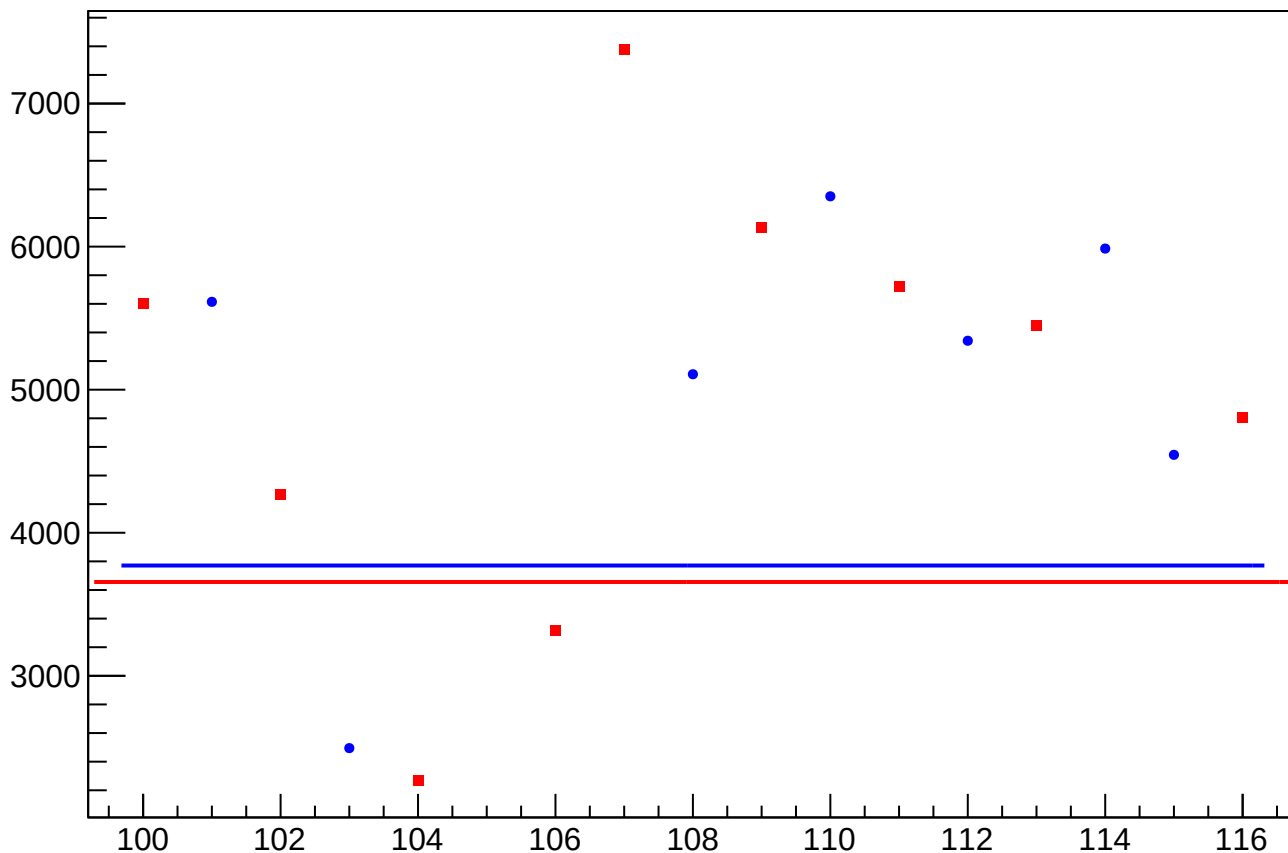
Right: -1471.512+/-1619.908 χ^2/NDF : 15.7/15

In: -3311.384+/-2434.402 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1471.512+/-1619.908 χ^2/NDF : 15.7/15

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3771.019+/-1.721 χ^2/NDF : 758018.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3655.904+/-1.534 χ^2/NDF : 968594.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

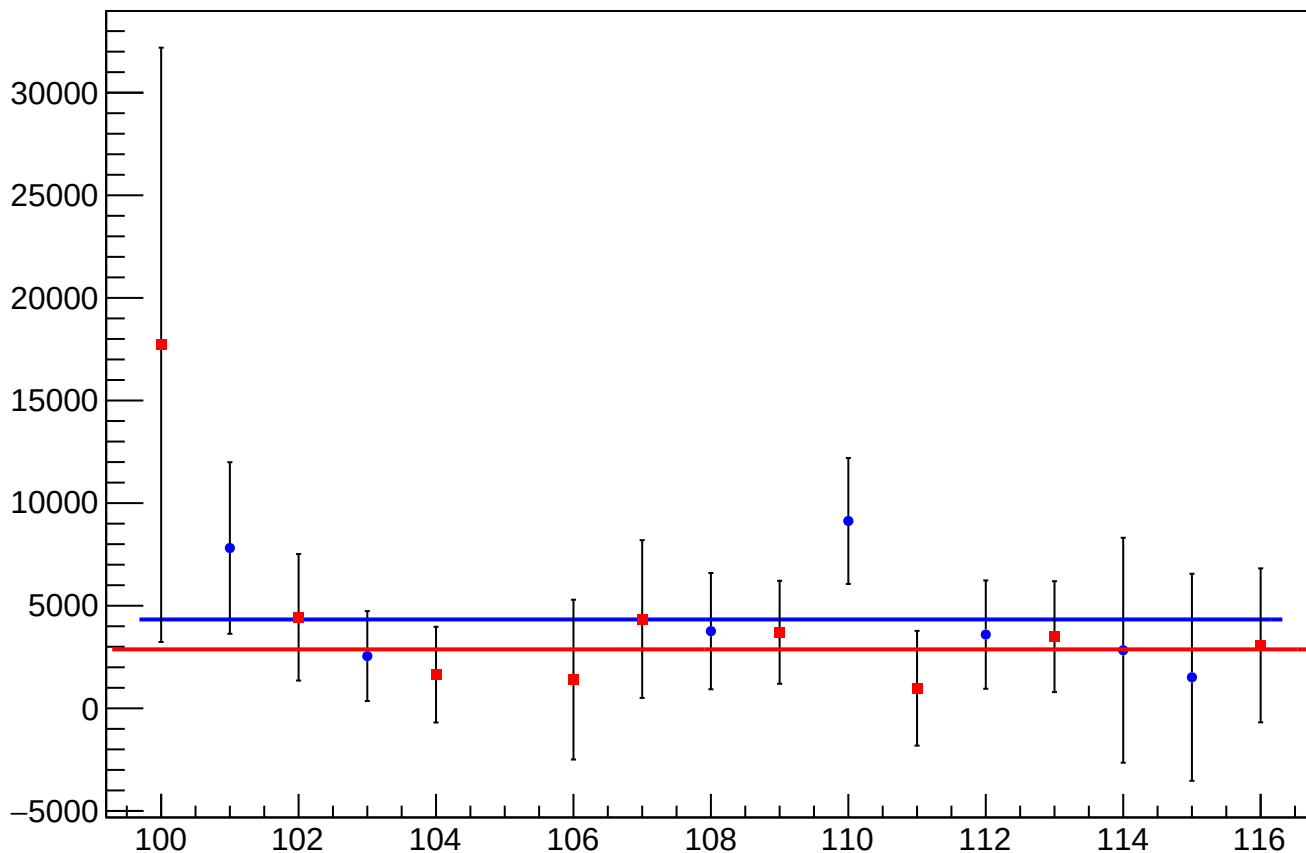
Right: 3706.875+/-1.145 χ^2/NDF : 1729104.8/15

In: 3771.019+/-1.721 χ^2/NDF : 758018.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3706.875+/-1.145 χ^2/NDF : 1729104.8/15

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4330.708+/-1184.754 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2873.892+/-1041.359 χ^2/NDF : 2.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

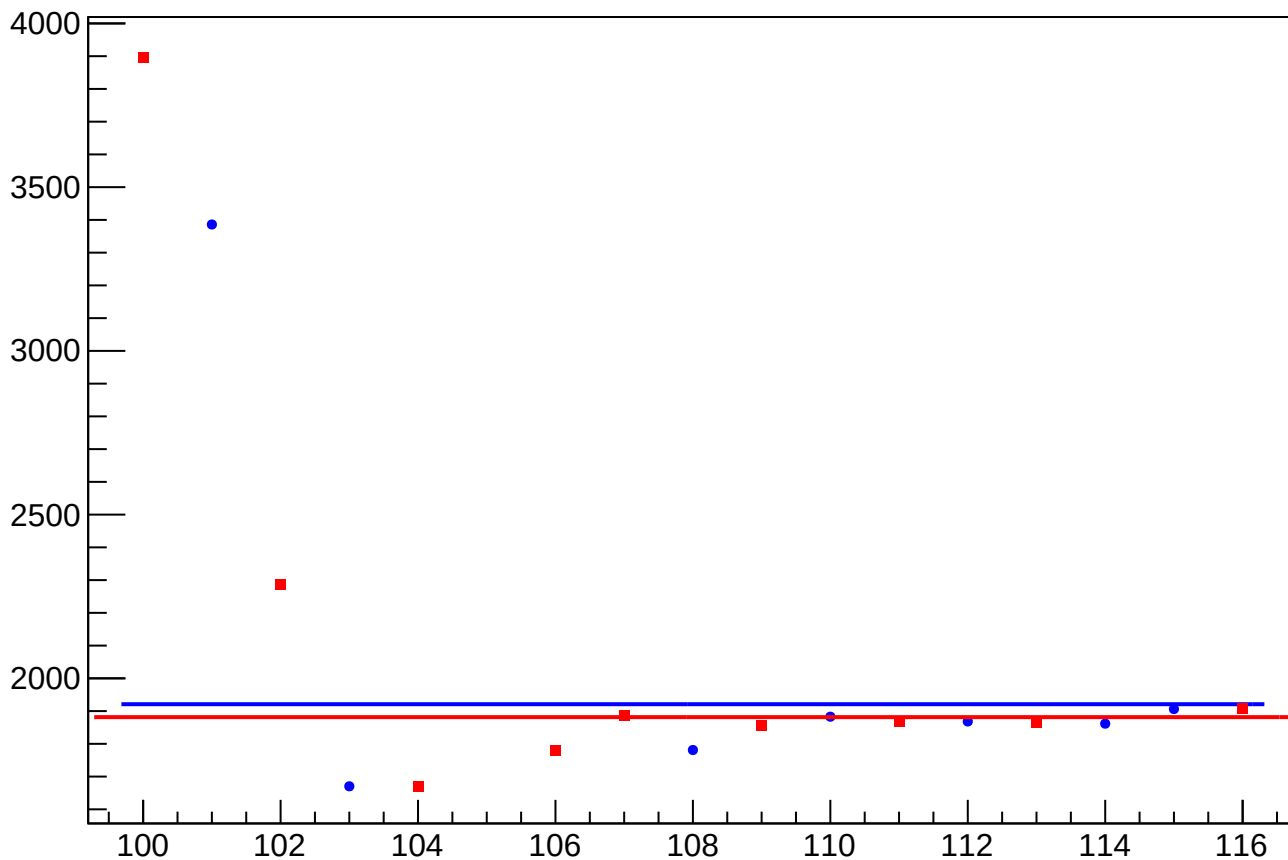
Right: 3508.848+/-782.163 χ^2/NDF : 7.7/15

In: 4330.708+/-1184.754 χ^2/NDF :4.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3508.848+/-782.163 χ^2/NDF : 7.7/15

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1921.003+/-0.838 χ^2/NDF : 278072.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.530+/-0.732 χ^2/NDF : 91650.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

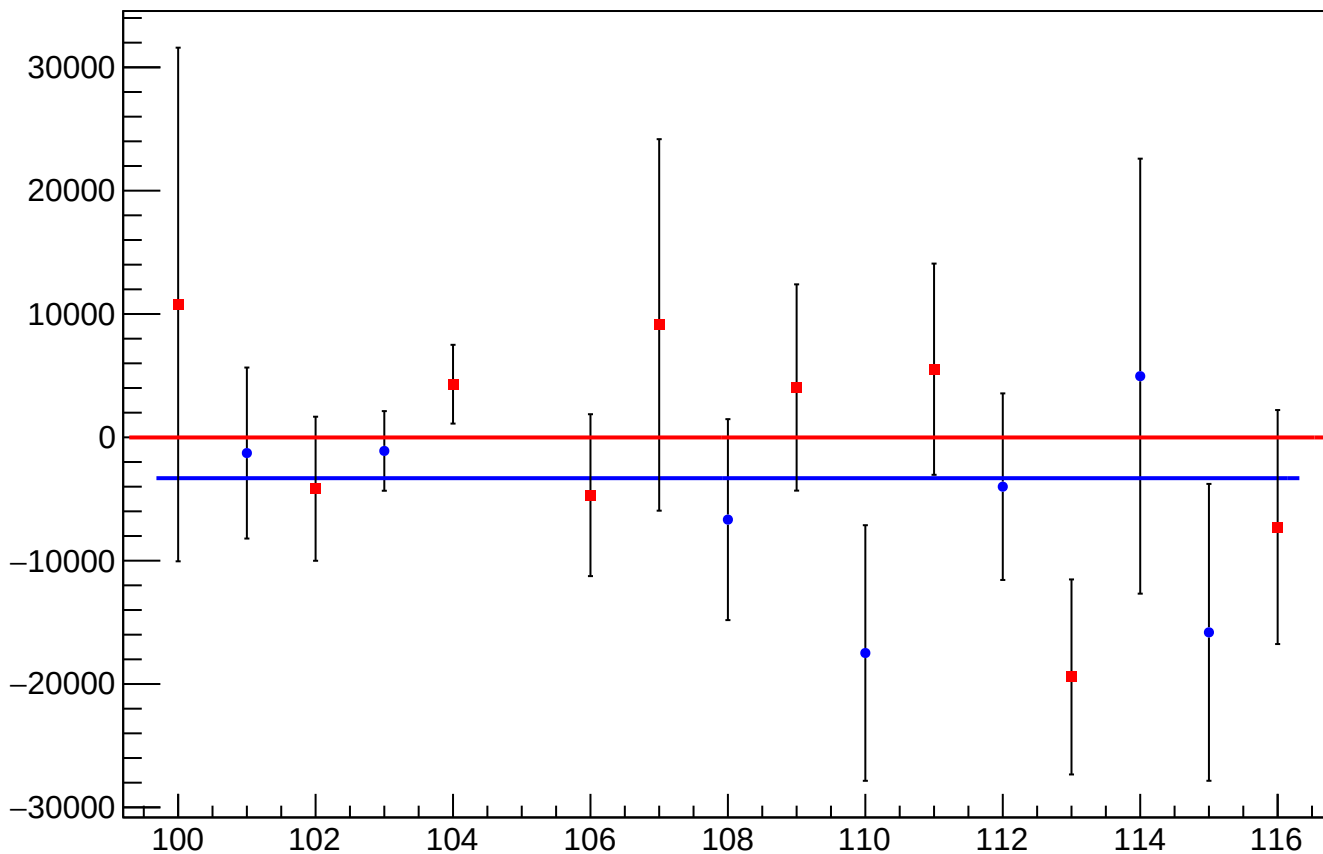
Right: 1898.617+/-0.551 χ^2/NDF : 370981.8/15

In: 1921.003+/-0.838 χ^2/NDF : 278072.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.617+/-0.551 χ^2/NDF : 370981.8/15

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3311.384+/-2434.402 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.457+/-2170.103 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

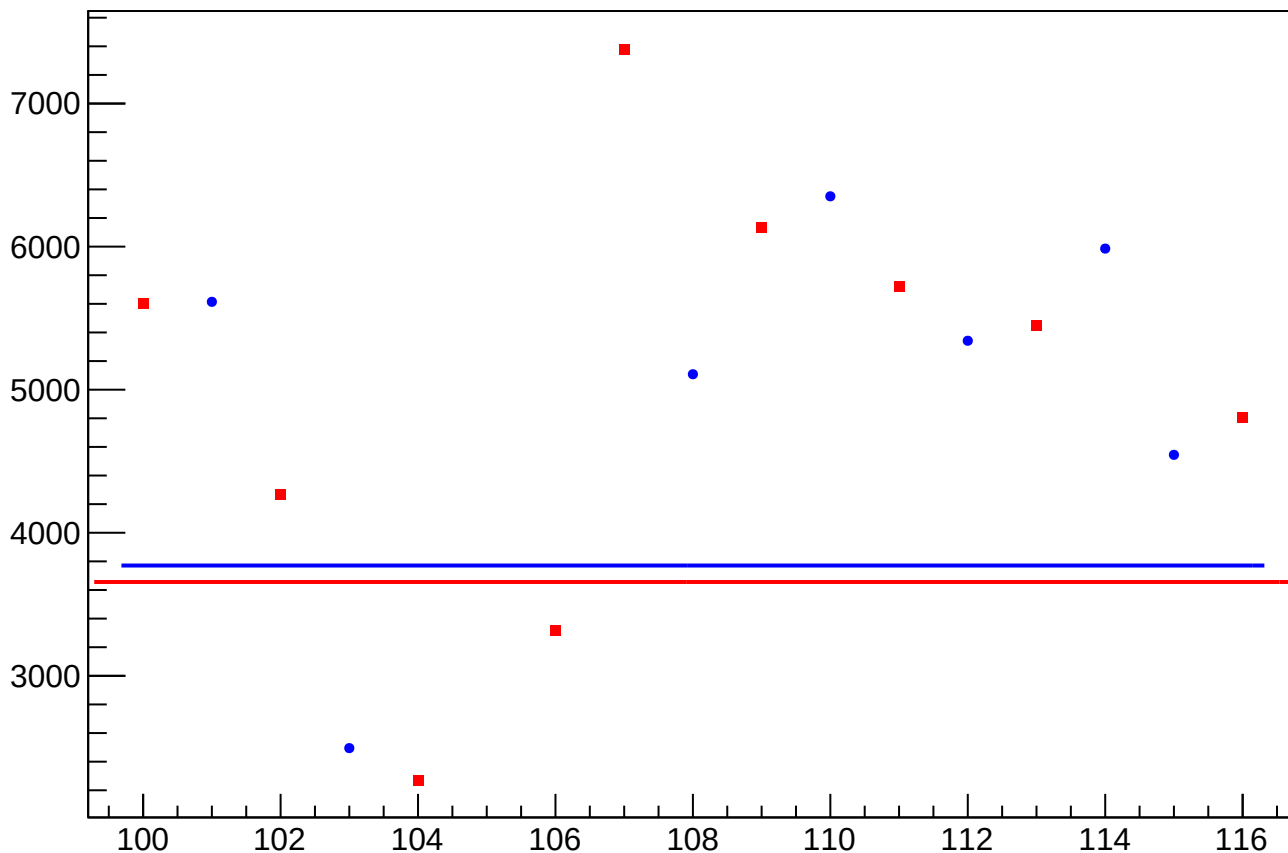
Right: -1471.512+/-1619.908 χ^2/NDF : 15.7/15

In: -3311.384+/-2434.402 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1471.512+/-1619.908 χ^2/NDF : 15.7/15

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3771.019+/-1.721 χ^2/NDF : 758018.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3655.904+/-1.534 χ^2/NDF : 968594.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

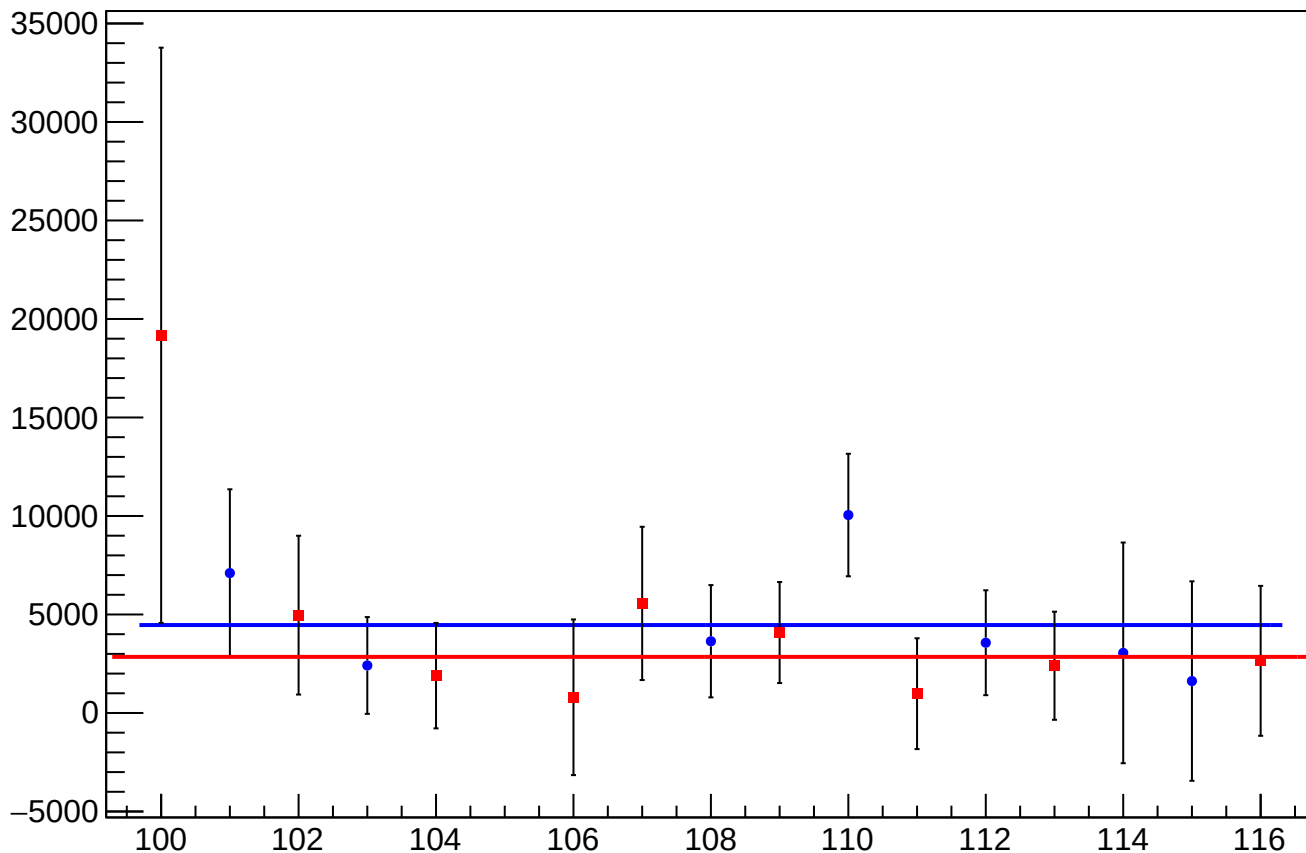
Right: 3706.875+/-1.145 χ^2/NDF : 1729104.8/15

In: 3771.019+/-1.721 χ^2/NDF : 758018.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3706.875+/-1.145 χ^2/NDF : 1729104.8/15

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4463.570+/-1231.390 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2847.968+/-1106.711 χ^2/NDF : 3.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

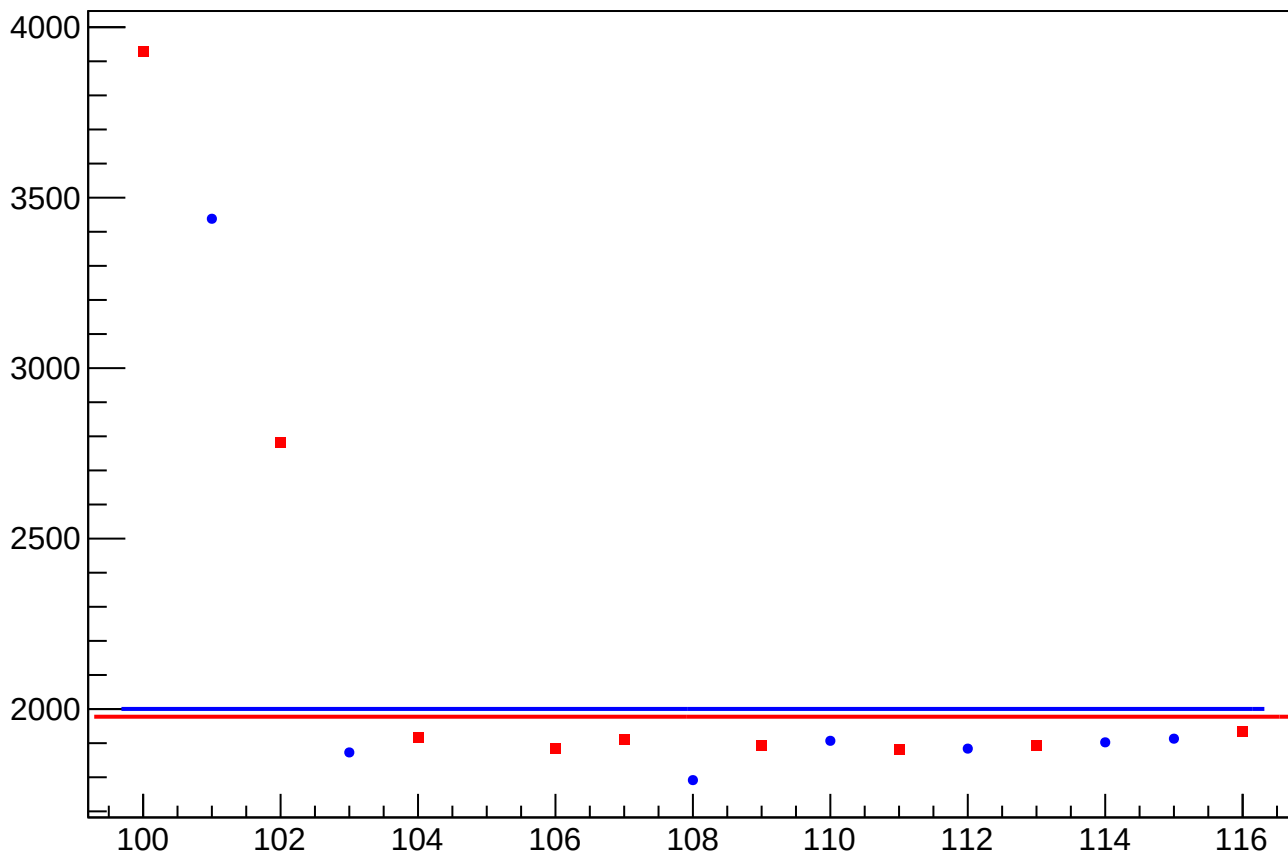
Right: 3569.862+/-823.124 χ^2/NDF : 8.9/15

In: 4463.570+/-1231.390 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3569.862+/-823.124 χ^2/NDF : 8.9/15

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2000.448+/-0.871 χ^2 /NDF: 251485.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1977.585+/-0.781 χ^2 /NDF: 124703.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

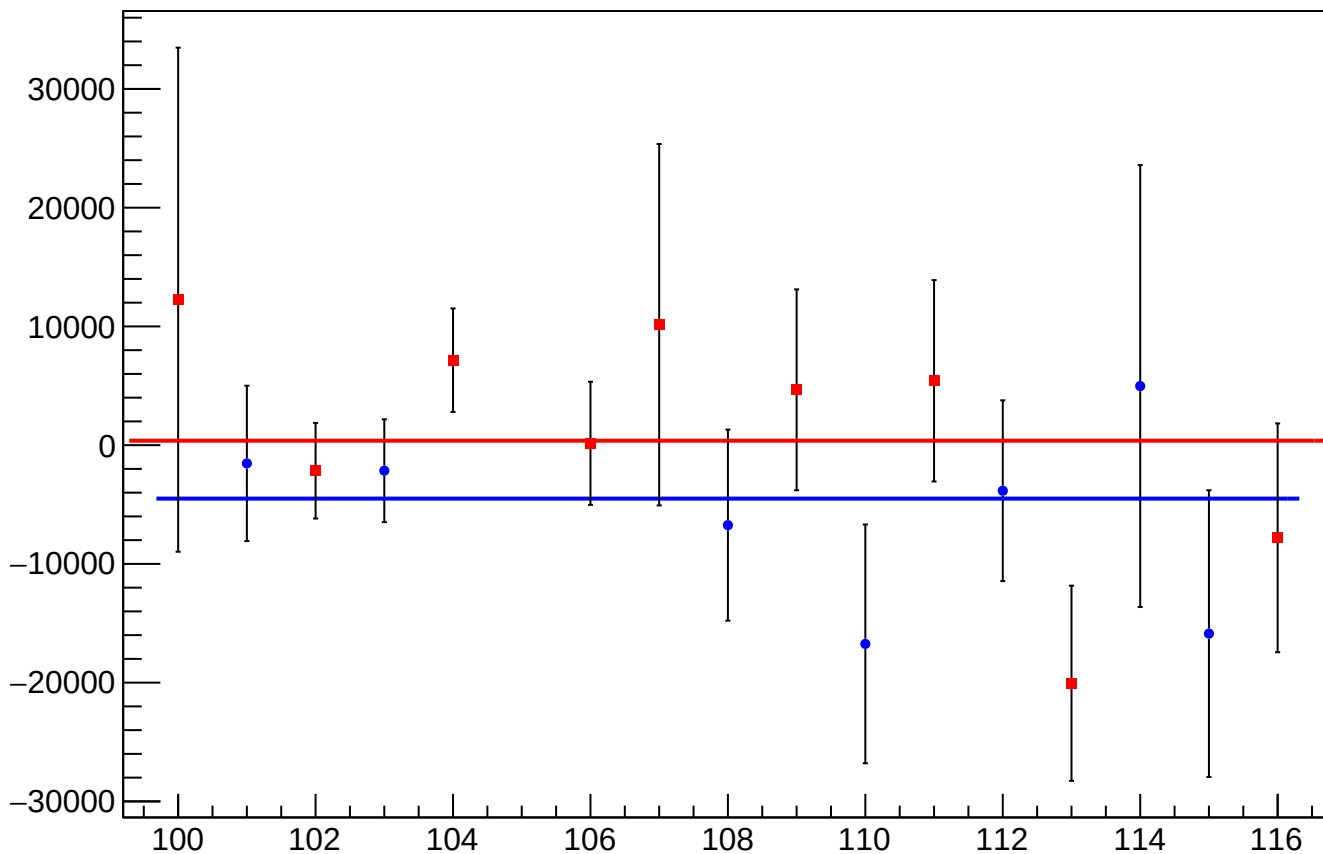
Right: 1987.772+/-0.581 χ^2 /NDF: 376571.0/15

In: 2000.448+/-0.871 χ^2 /NDF:251485.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1987.772+/-0.581 χ^2 /NDF: 376571.0/15

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4500.183+/-2783.756 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.669+/-2174.555 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

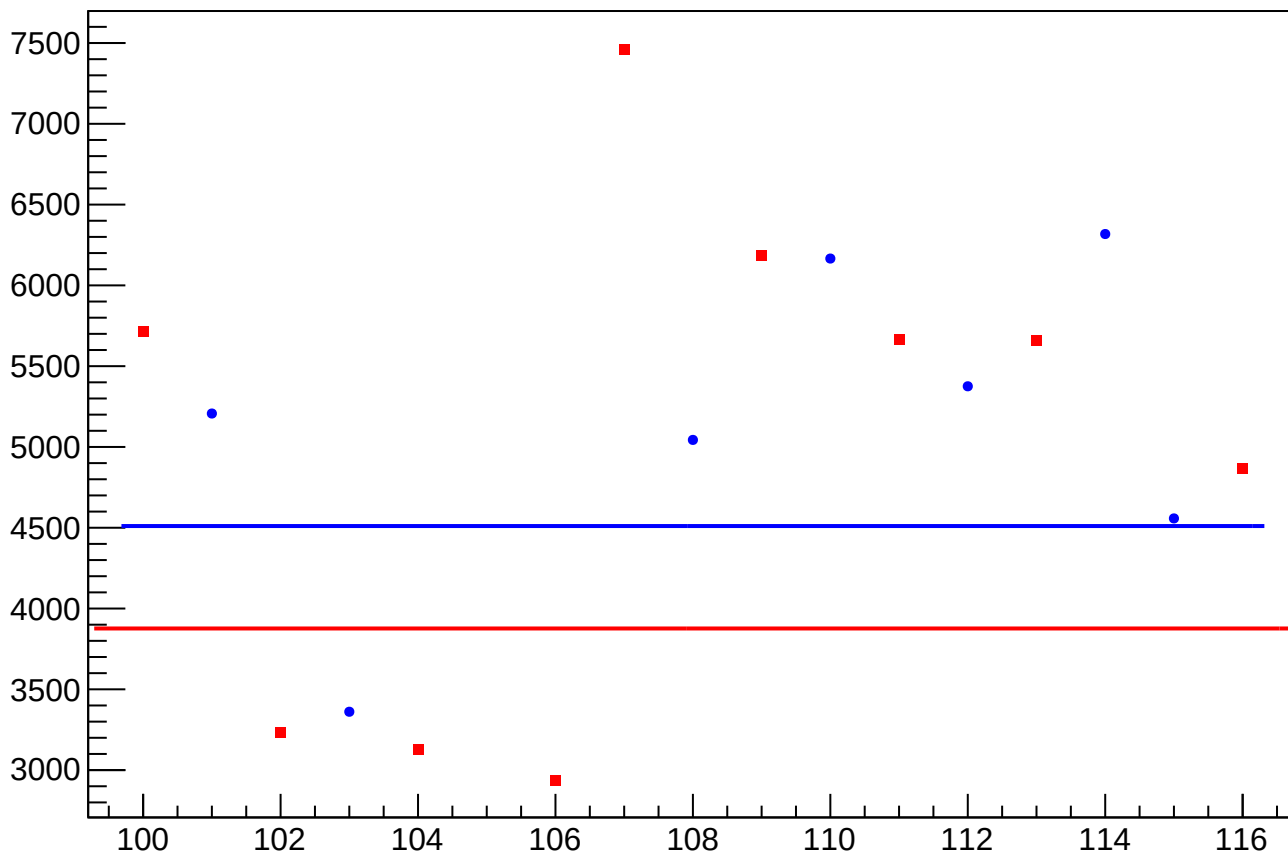
Right: -1472.717+/-1713.678 χ^2/NDF : 16.2/15

In: -4500.183+/-2783.756 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1472.717+/-1713.678 χ^2/NDF : 16.2/15

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4510.531+/-1.968 χ^2/NDF : 271316.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3876.525+/-1.538 χ^2/NDF : 654520.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

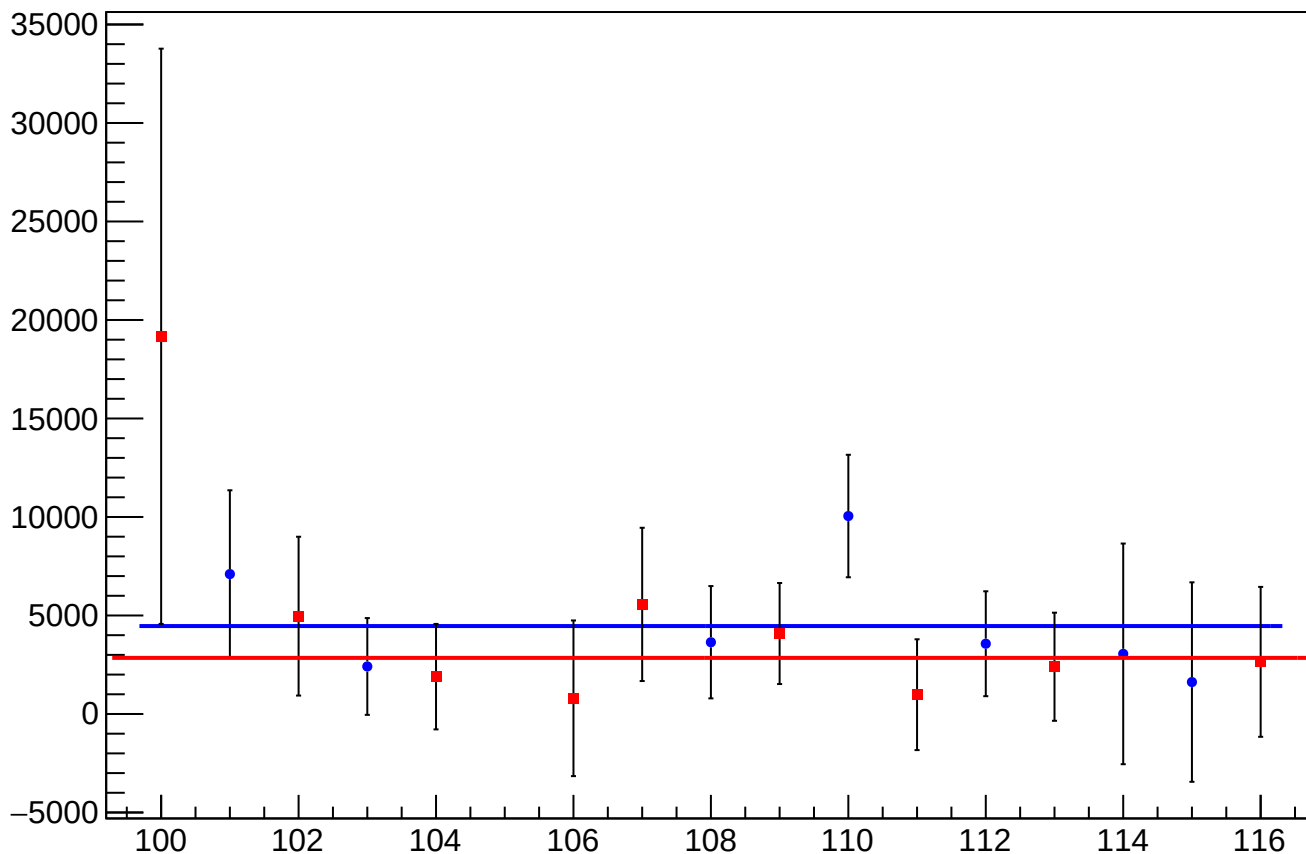
Right: 4116.789+/-1.212 χ^2/NDF : 990264.7/15

In: 4510.531+/-1.968 χ^2/NDF :271316.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4116.789+/-1.212 χ^2/NDF : 990264.7/15

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4463.576+/-1231.390 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2847.969+/-1106.711 χ^2/NDF : 3.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

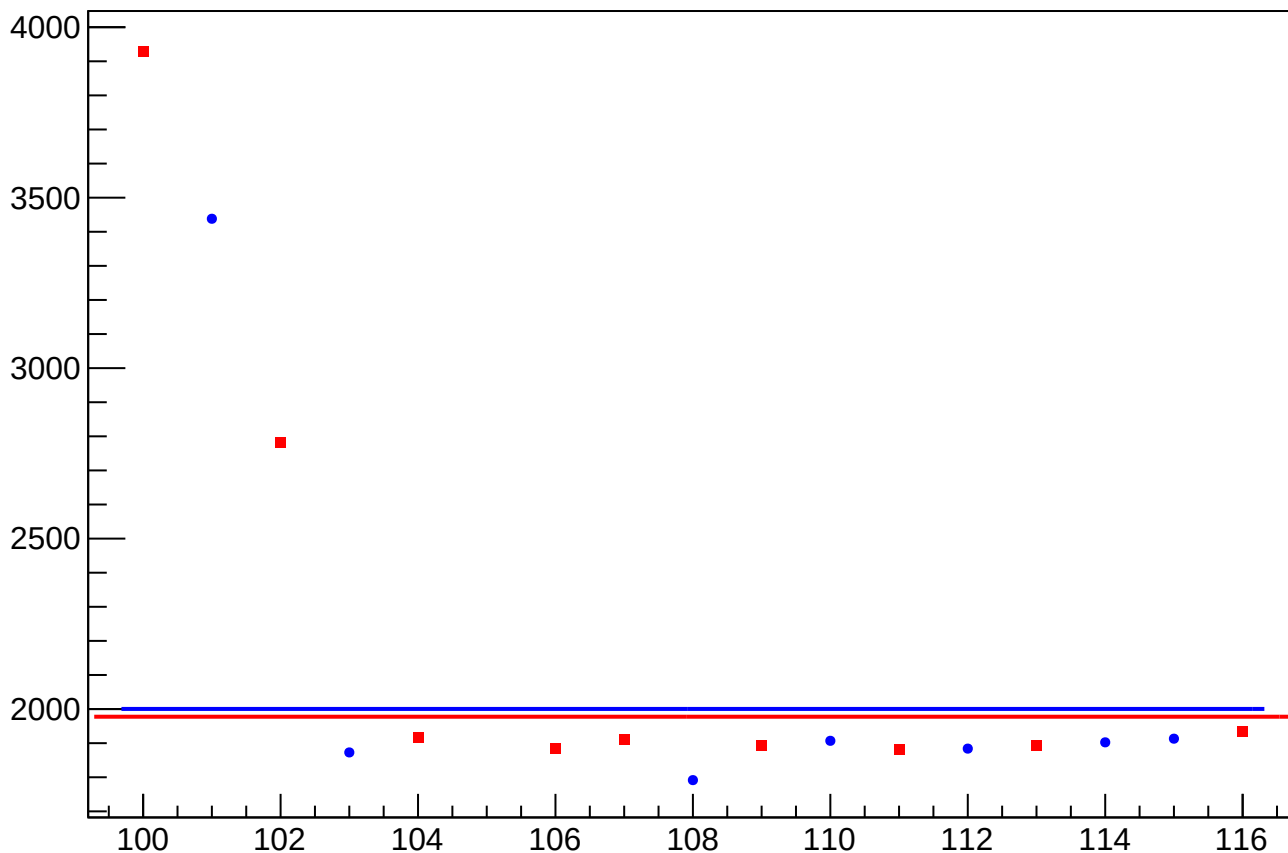
Right: 3569.865+/-823.123 χ^2/NDF : 8.9/15

In: 4463.576+/-1231.390 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3569.865+/-823.123 χ^2/NDF : 8.9/15

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2000.447+/-0.871 χ^2/NDF : 251485.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1977.583+/-0.781 χ^2/NDF : 124703.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

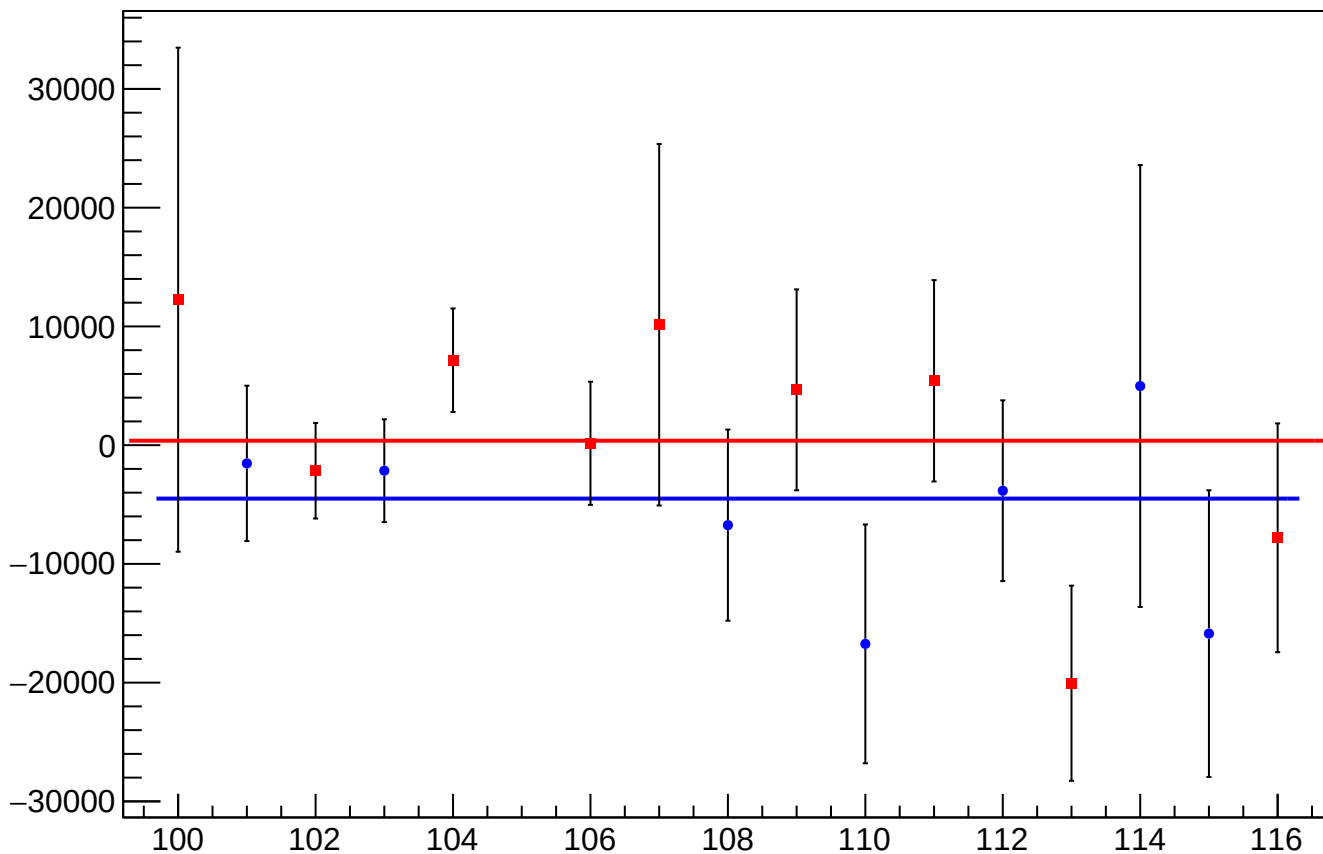
Right: 1987.771+/-0.581 χ^2/NDF : 376570.9/15

In: 2000.447+/-0.871 χ^2/NDF :251485.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1987.771+/-0.581 χ^2/NDF : 376570.9/15

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4500.181+/-2783.750 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.669+/-2174.550 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

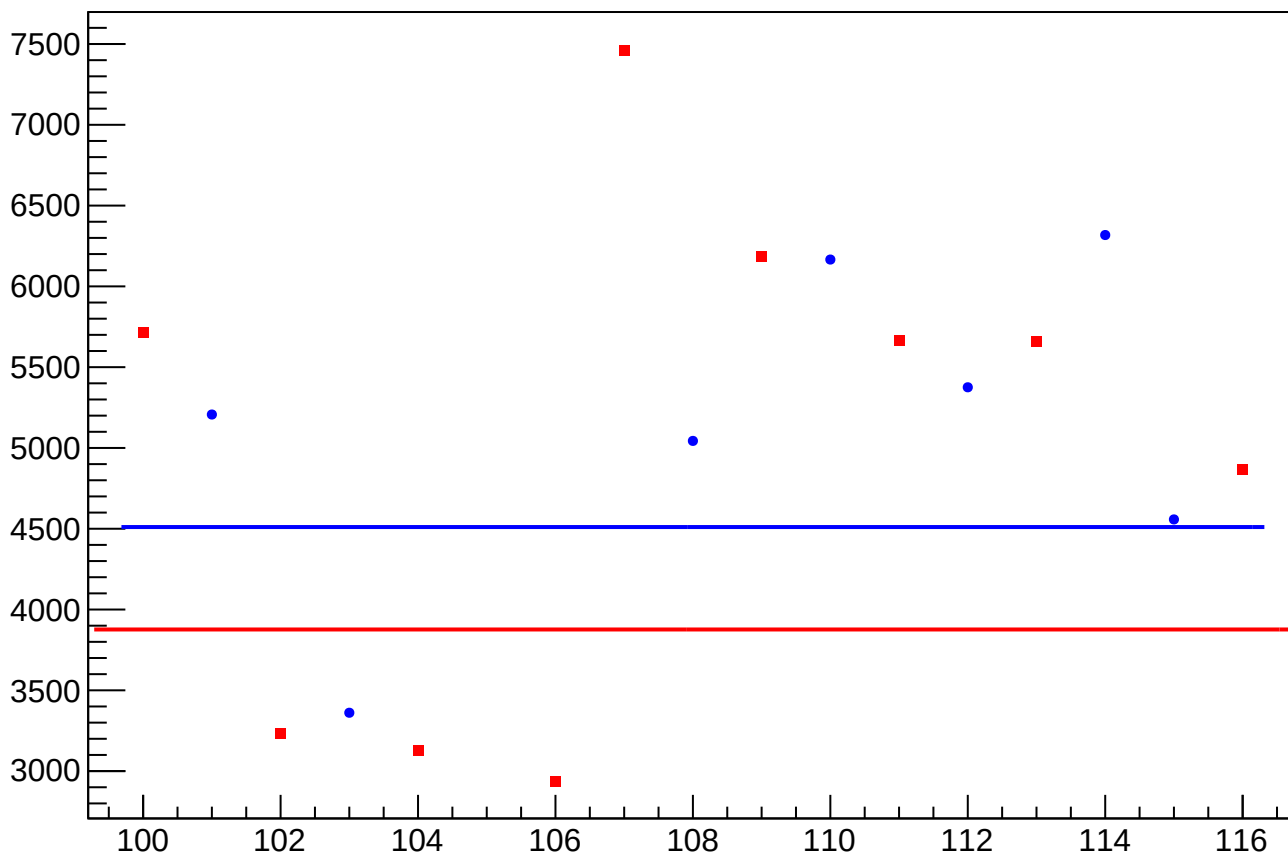
Right: -1472.715+/-1713.674 χ^2/NDF : 16.2/15

In: -4500.181+/-2783.750 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1472.715+/-1713.674 χ^2/NDF : 16.2/15

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4510.522+/-1.968 χ^2/NDF : 271316.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3876.515+/-1.538 χ^2/NDF : 654519.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

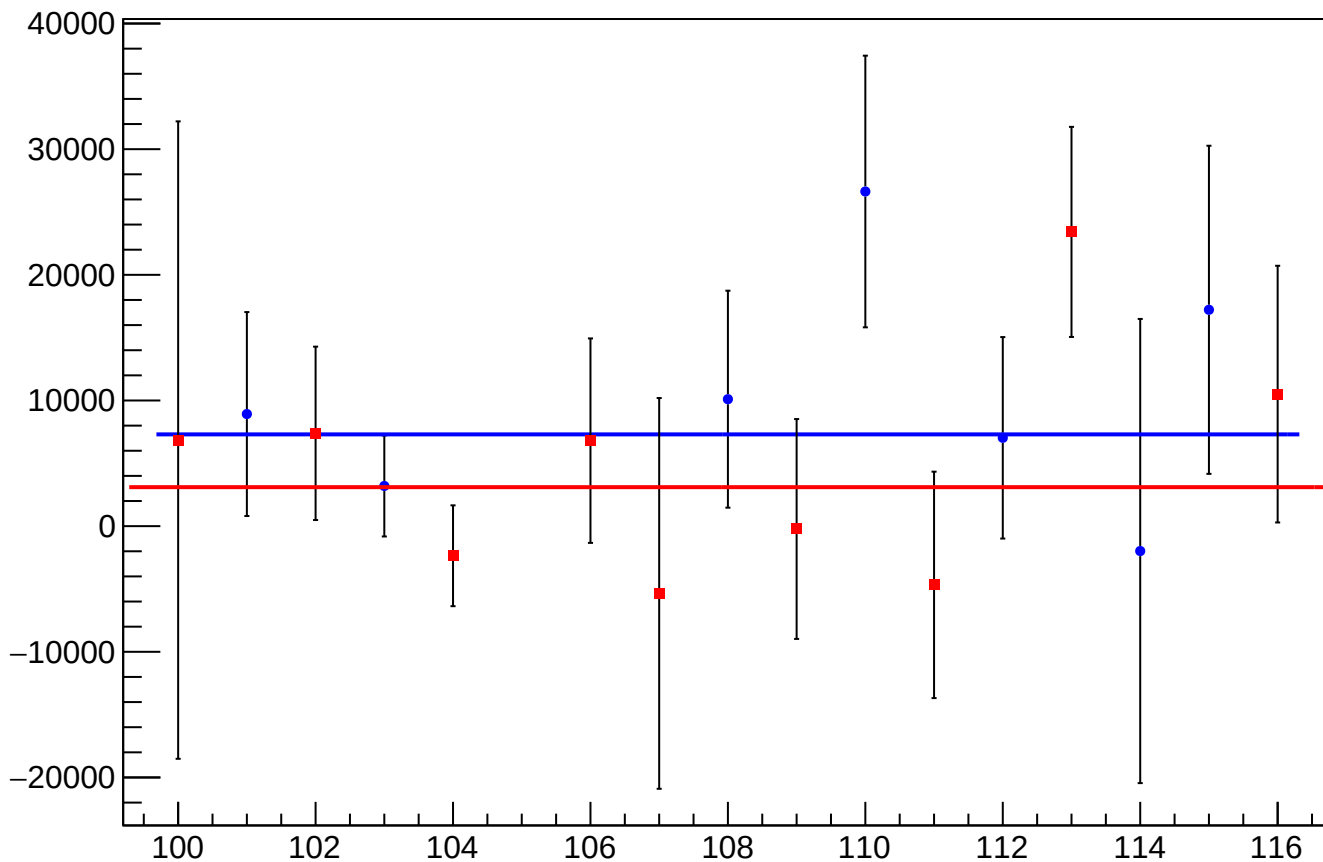
Right: 4116.780+/-1.212 χ^2/NDF : 990264.7/15

In: 4510.522+/-1.968 χ^2/NDF : 271316.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4116.780+/-1.212 χ^2/NDF : 990264.7/15

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7303.287+/-2846.376 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3102.337+/-2554.754 χ^2/NDF : 10.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

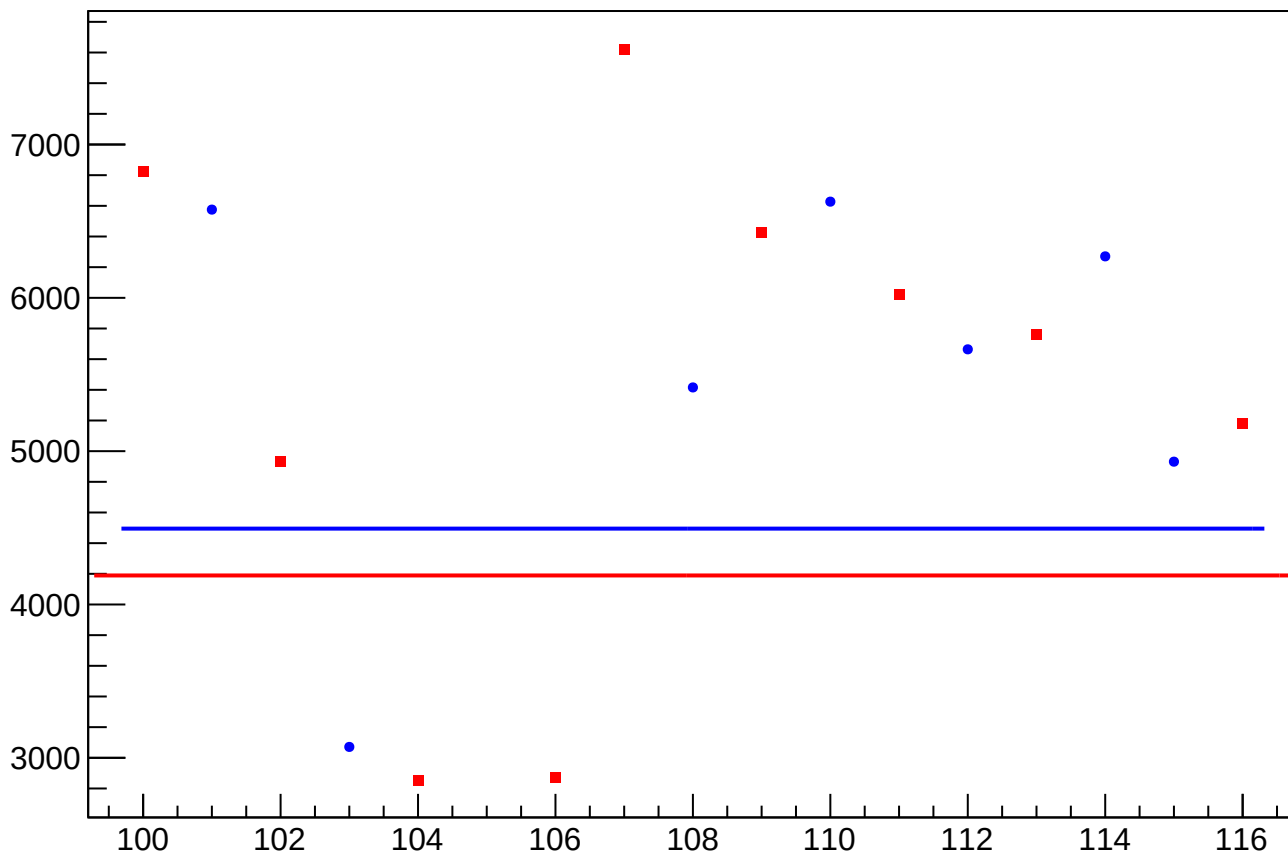
Right: 4976.650+/-1901.252 χ^2/NDF : 16.5/15

In: 7303.287+/-2846.376 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4976.650+/-1901.252 χ^2/NDF : 16.5/15

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4494.849+/-2.013 χ^2/NDF : 546355.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4189.324+/-1.744 χ^2/NDF : 758800.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

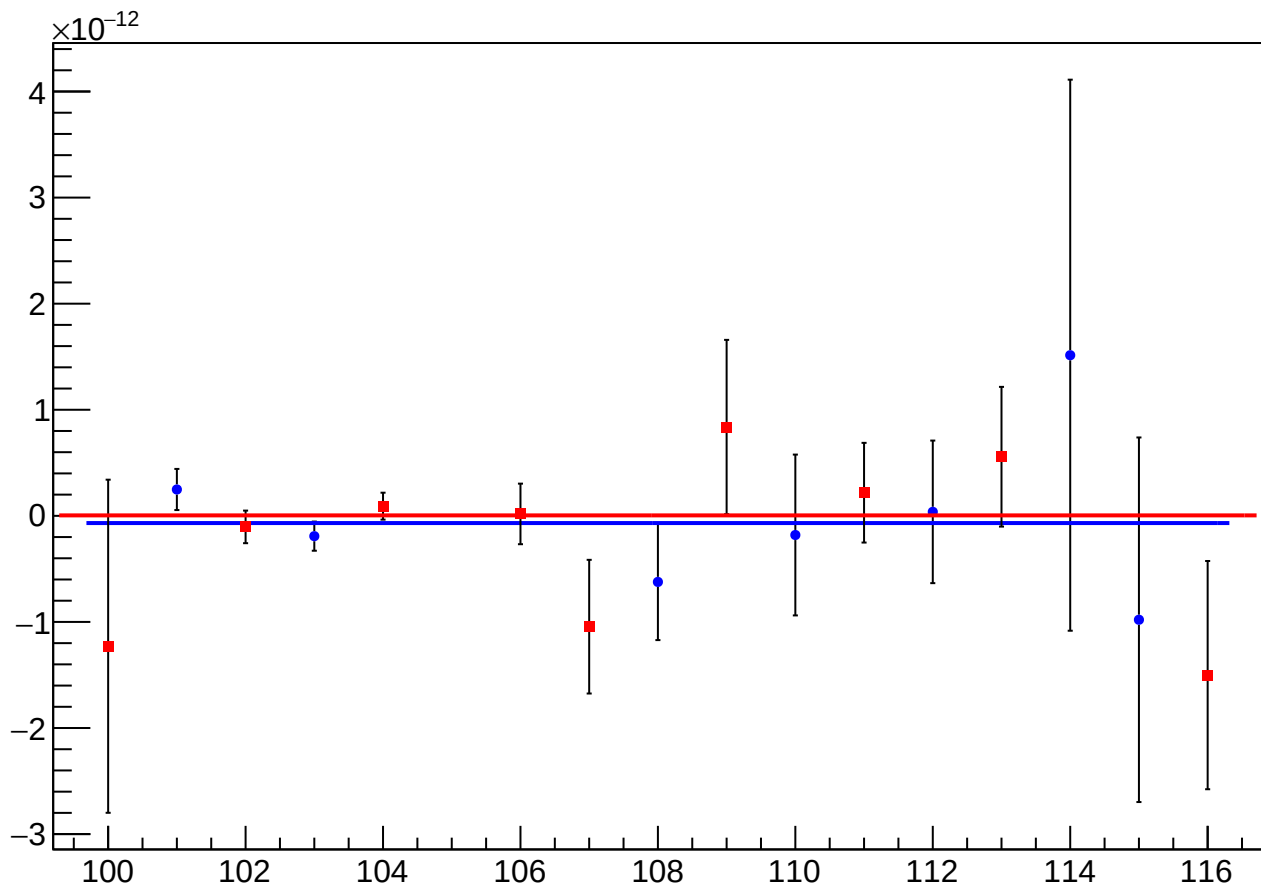
Right: 4320.313+/-1.318 χ^2/NDF : 1318320.4/15

In: 4494.849+/-2.013 χ^2/NDF : 546355.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4320.313+/-1.318 χ^2/NDF : 1318320.4/15

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

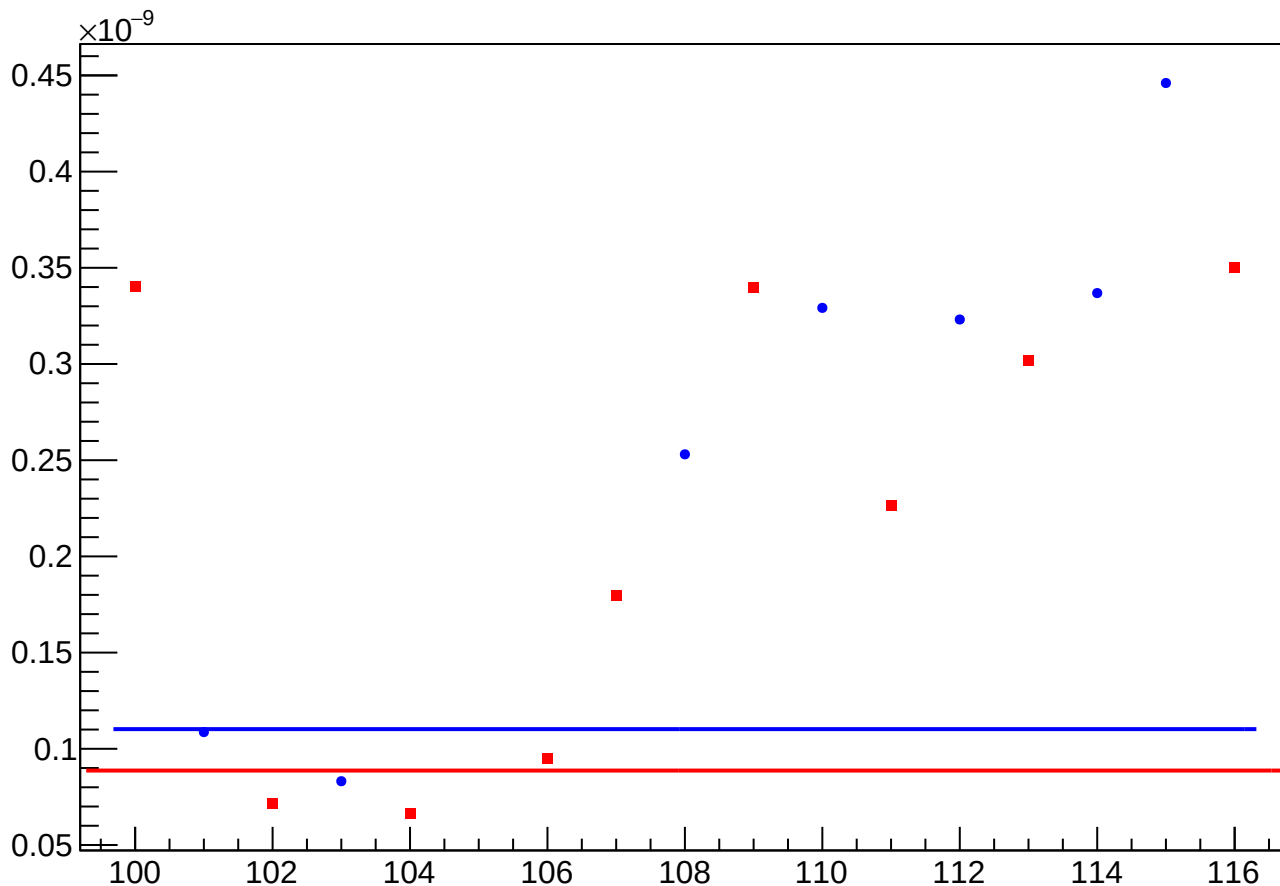
Right: -0.000+/-0.000 χ^2/NDF : 13.7/15

In: -0.000+/-0.000 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.7/15

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 672765.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 868177.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

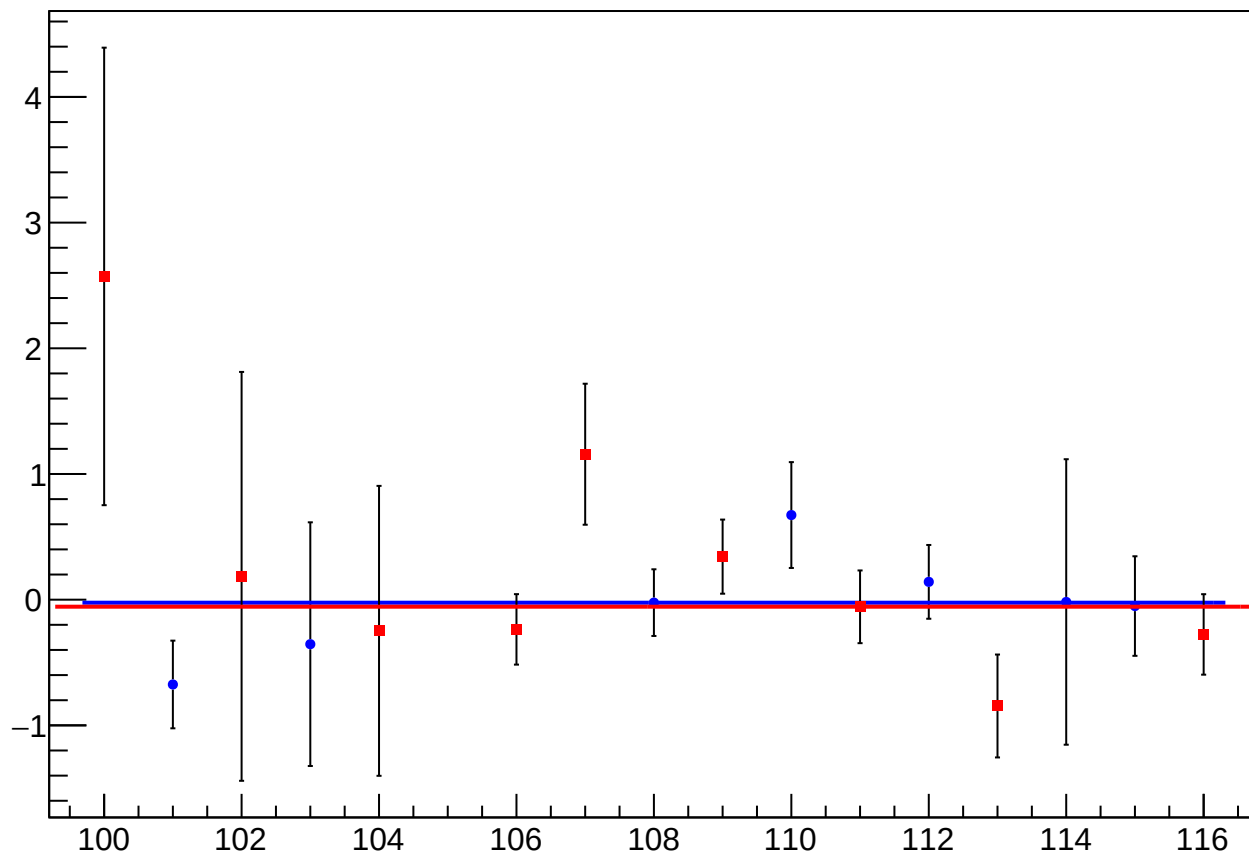
Right: 0.000+/-0.000 χ^2/NDF : 1589197.0/15

In: 0.000+/-0.000 χ^2/NDF : 672765.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1589197.0/15

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.144 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.056+/-0.133 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

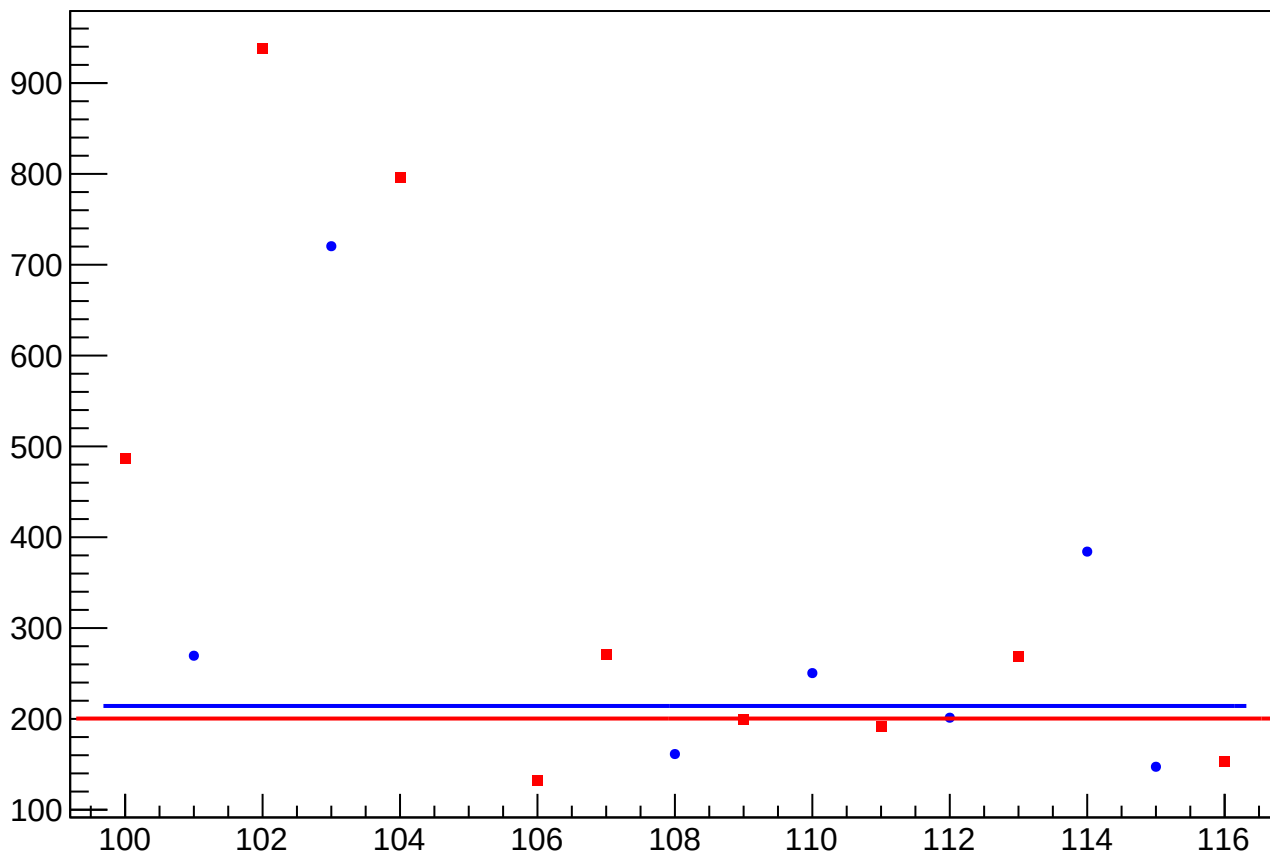
Right: -0.041+/-0.098 χ^2/NDF : 19.9/15

In: -0.024+/-0.144 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.041+/-0.098 χ^2/NDF : 19.9/15

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.241+/-0.102 χ^2/NDF : 795666.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.395+/-0.094 χ^2/NDF : 1245344.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

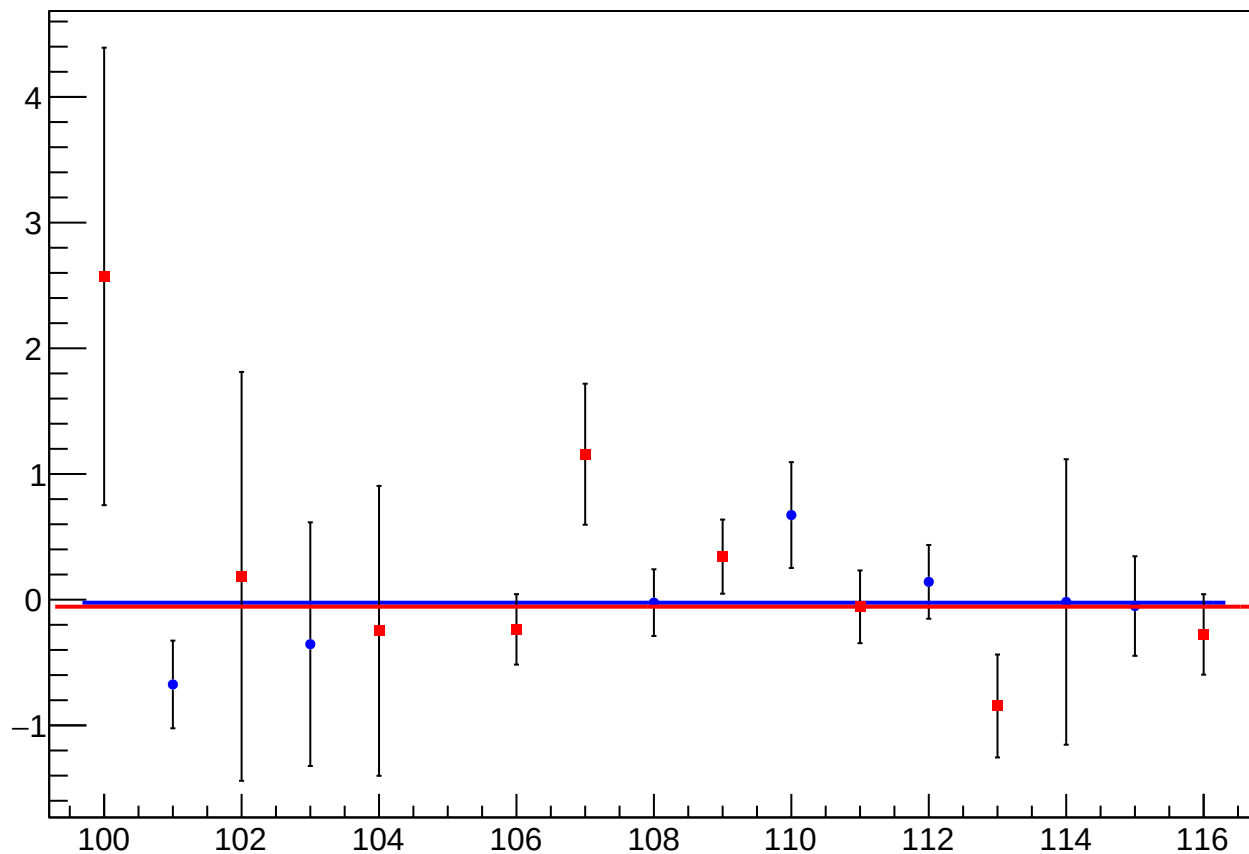
Right: 206.747+/-0.069 χ^2/NDF : 2050950.8/15

In: 214.241+/-0.102 χ^2/NDF : 795666.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.747+/-0.069 χ^2/NDF : 2050950.8/15

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.144 χ^2 /NDF: 6.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.056 $\pm$ 0.133 χ^2 /NDF: 13.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

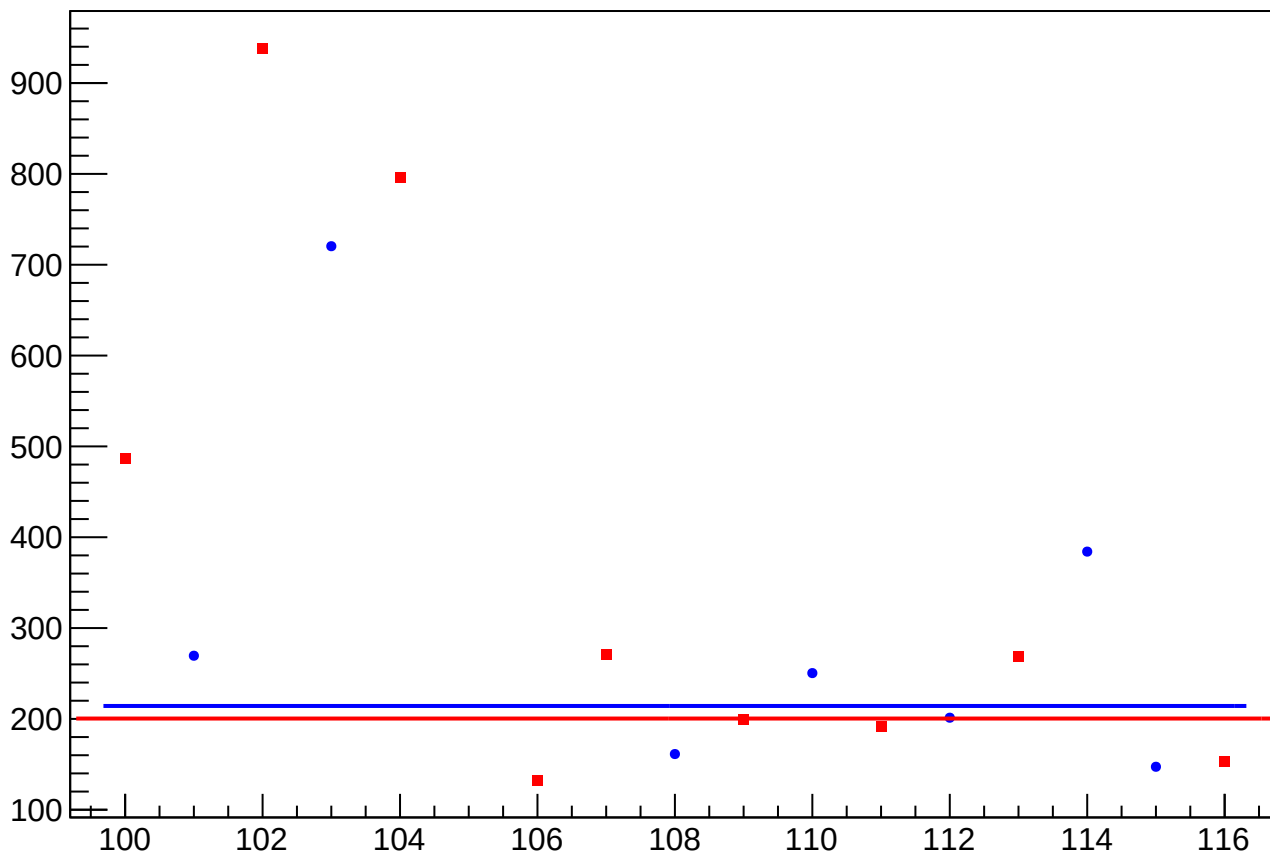
Right: -0.041 $\pm$ 0.098 χ^2 /NDF: 19.9/15

In: -0.024 $\pm$ 0.144 χ^2 /NDF:6.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.098 χ^2 /NDF: 19.9/15

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.241+/-0.102 χ^2/NDF : 795666.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.395+/-0.094 χ^2/NDF : 1245344.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

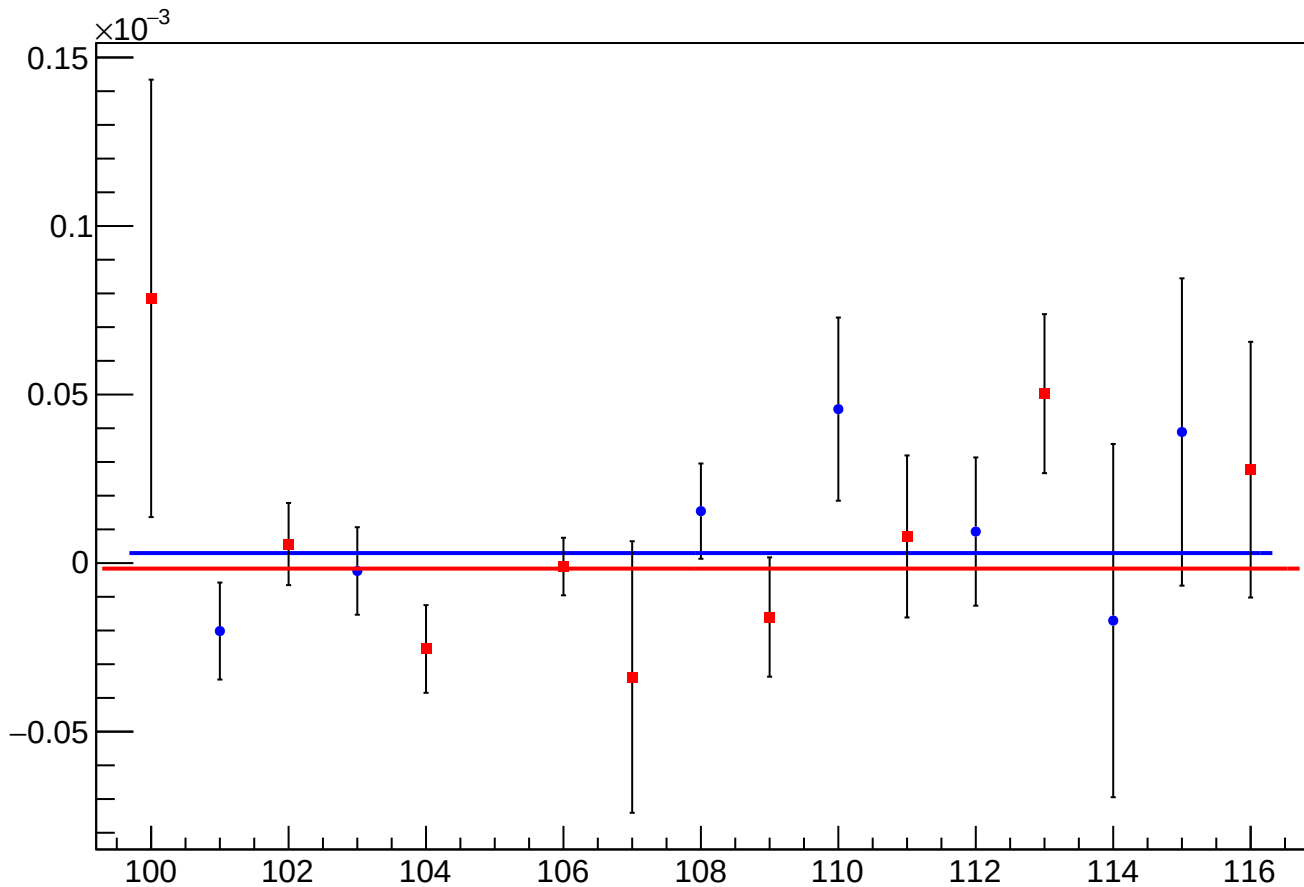
Right: 206.747+/-0.069 χ^2/NDF : 2050950.8/15

In: 214.241+/-0.102 χ^2/NDF : 795666.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.747+/-0.069 χ^2/NDF : 2050950.8/15

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 : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

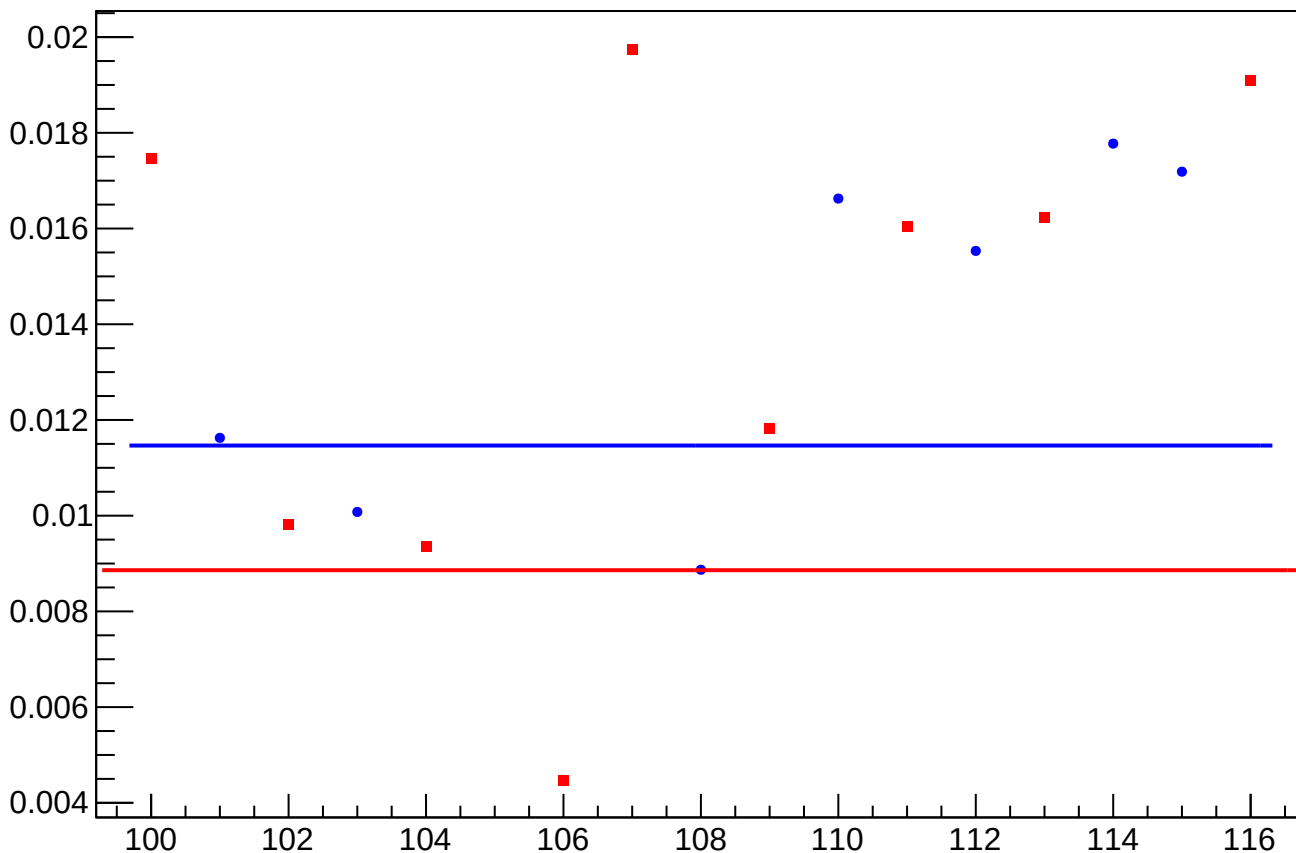
Right: 0.000+/-0.000 χ^2/NDF : 19.3/15

In: 0.000+/-0.000 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/15

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 : 291586.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1302468.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

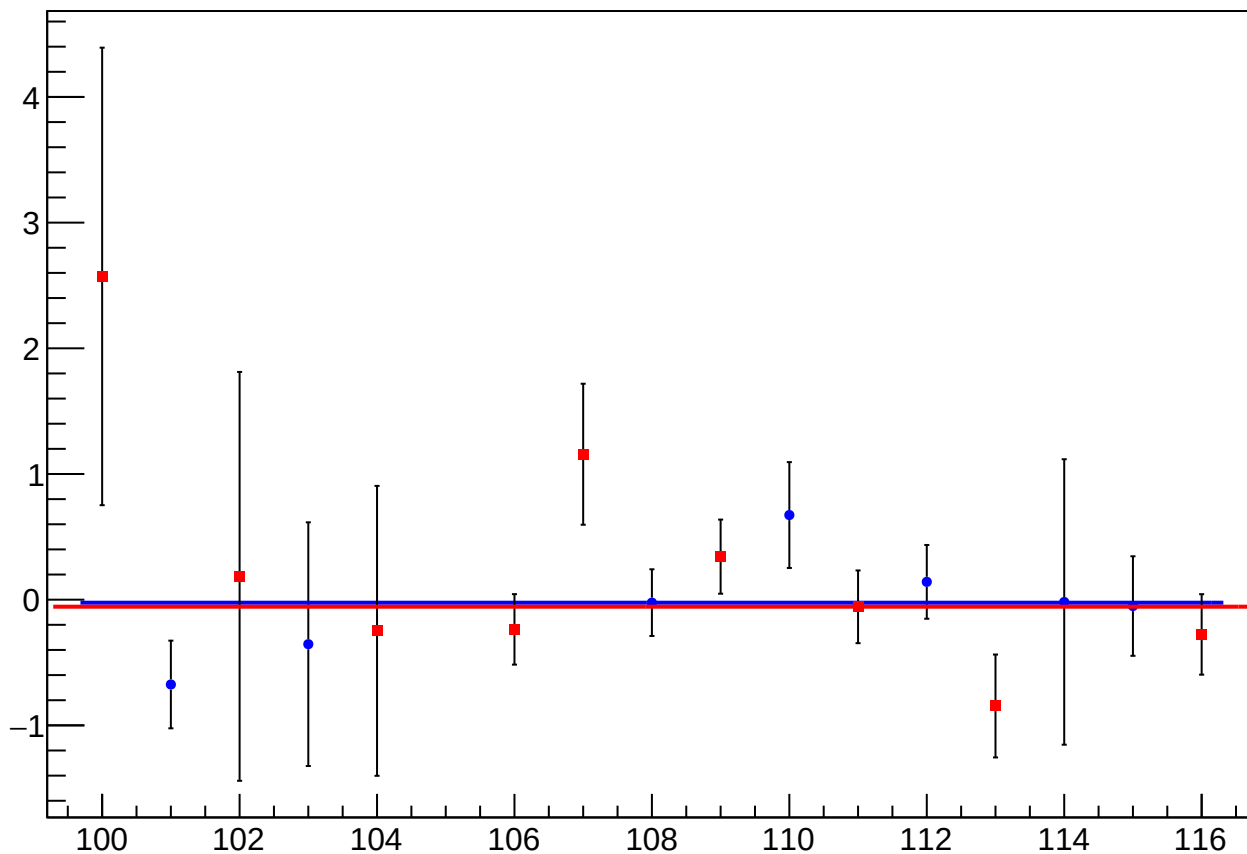
Right: 0.010+/-0.000 χ^2/NDF : 1766314.8/15

In: 0.011+/-0.000 χ^2/NDF : 291586.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1766314.8/15

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.144 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.056+/-0.133 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

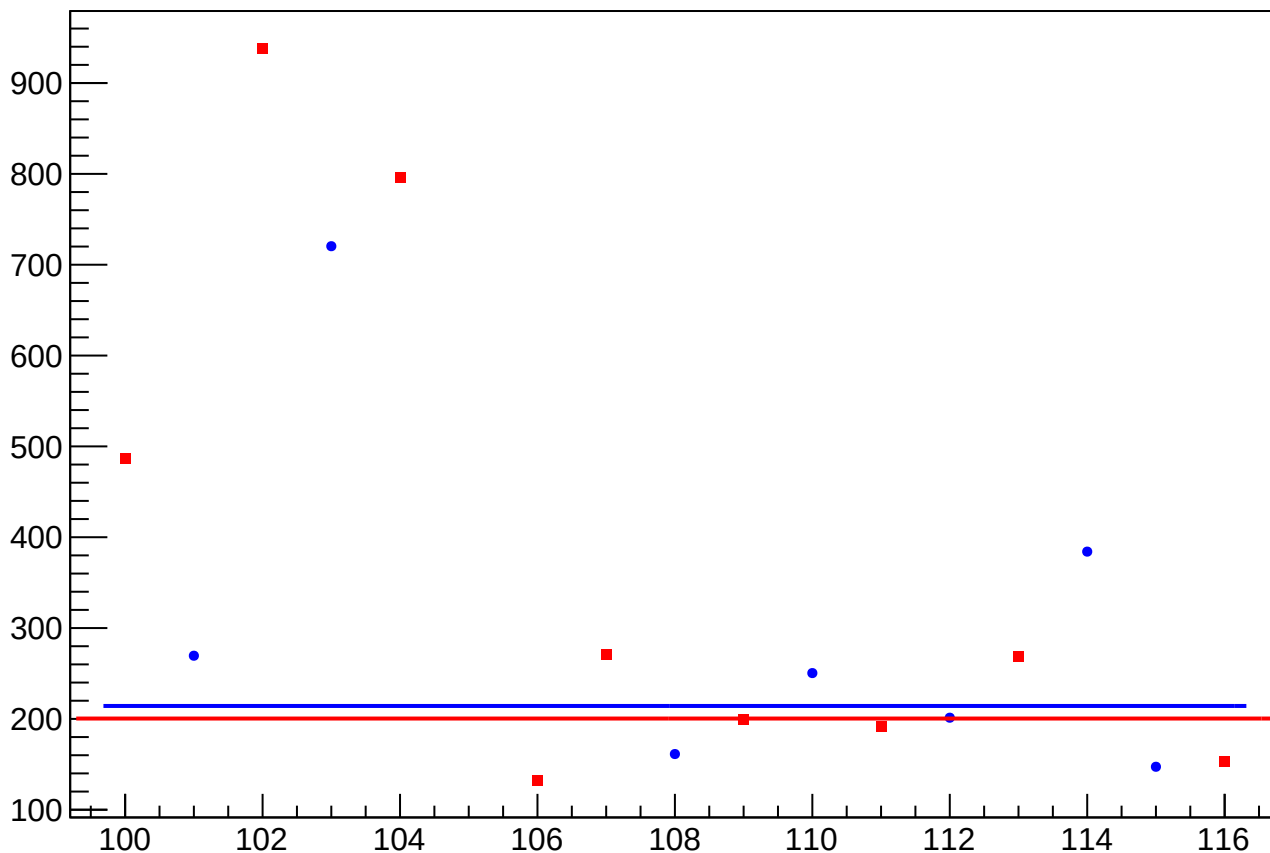
Right: -0.041+/-0.098 χ^2/NDF : 19.9/15

In: -0.024+/-0.144 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.041+/-0.098 χ^2/NDF : 19.9/15

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.244+/-0.102 χ^2/NDF : 795646.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.396+/-0.094 χ^2/NDF : 1245328.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

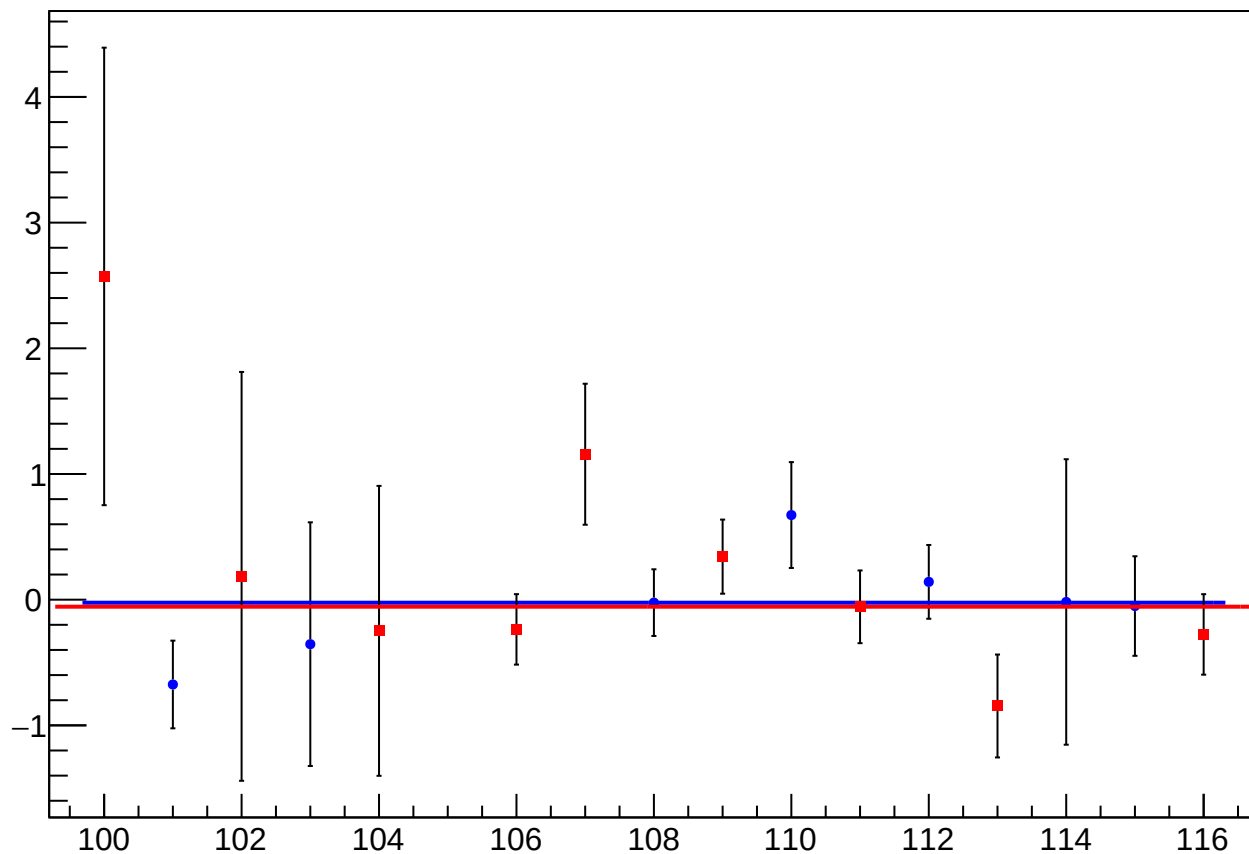
Right: 206.749+/-0.069 χ^2/NDF : 2050916.7/15

In: 214.244+/-0.102 χ^2/NDF : 795646.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.749+/-0.069 χ^2/NDF : 2050916.7/15

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.144 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.056+/-0.133 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

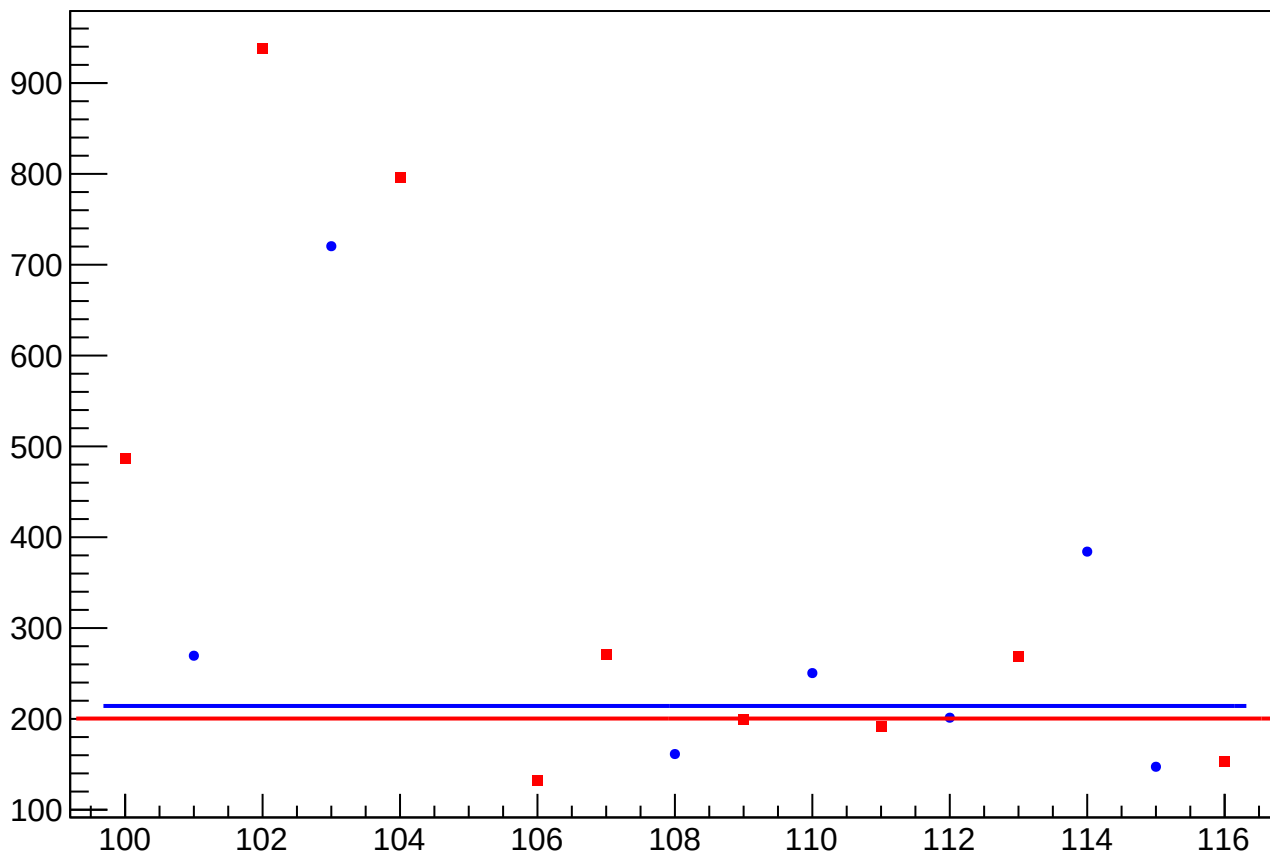
Right: -0.041+/-0.098 χ^2/NDF : 19.9/15

In: -0.024+/-0.144 χ^2/NDF :6.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.041+/-0.098 χ^2/NDF : 19.9/15

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.244+/-0.102 χ^2/NDF : 795646.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.396+/-0.094 χ^2/NDF : 1245328.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

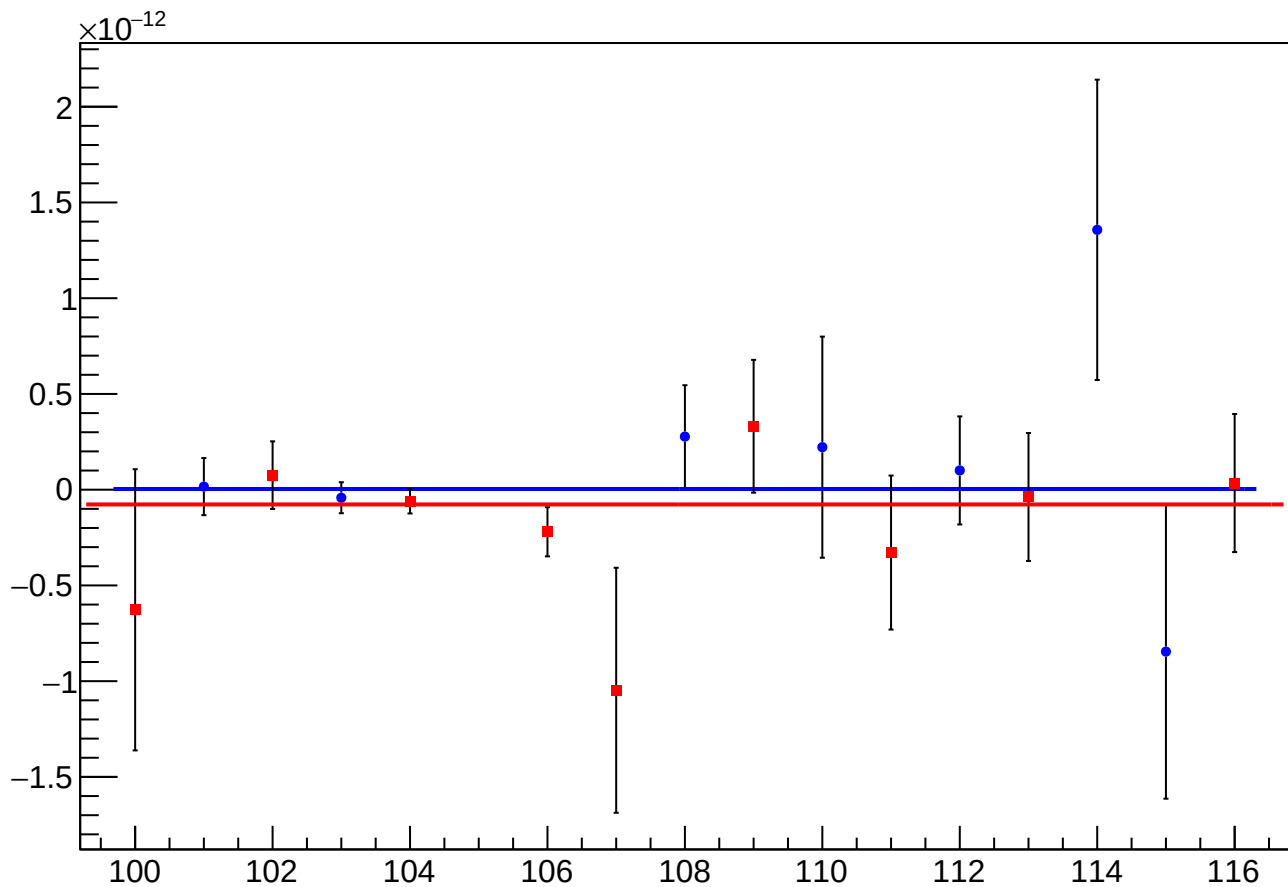
Right: 206.749+/-0.069 χ^2/NDF : 2050916.7/15

In: 214.244+/-0.102 χ^2/NDF : 795646.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.749+/-0.069 χ^2/NDF : 2050916.7/15

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 : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

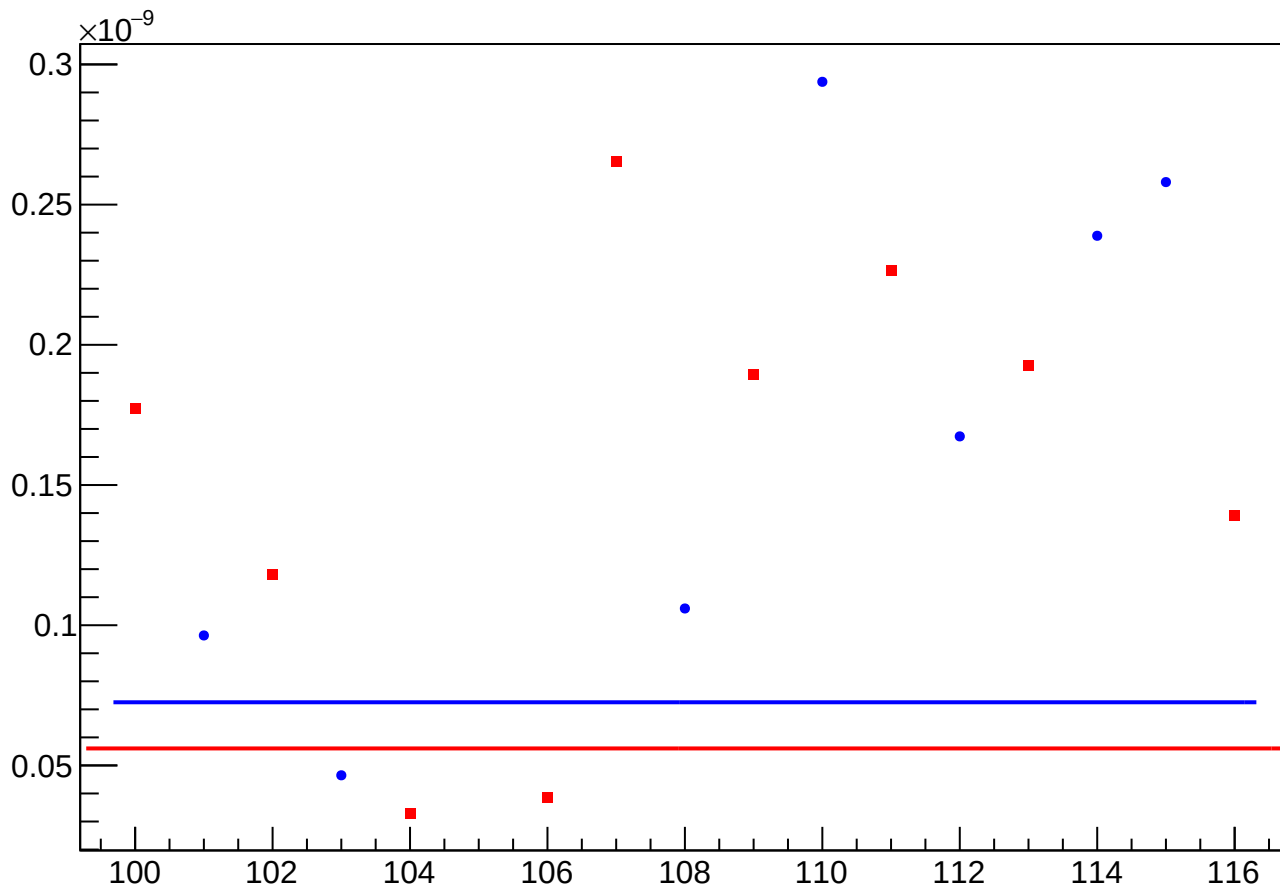
Right: -0.000+/-0.000 χ^2/NDF : 13.6/15

In: 0.000+/-0.000 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/15

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 : 1015445.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1913078.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

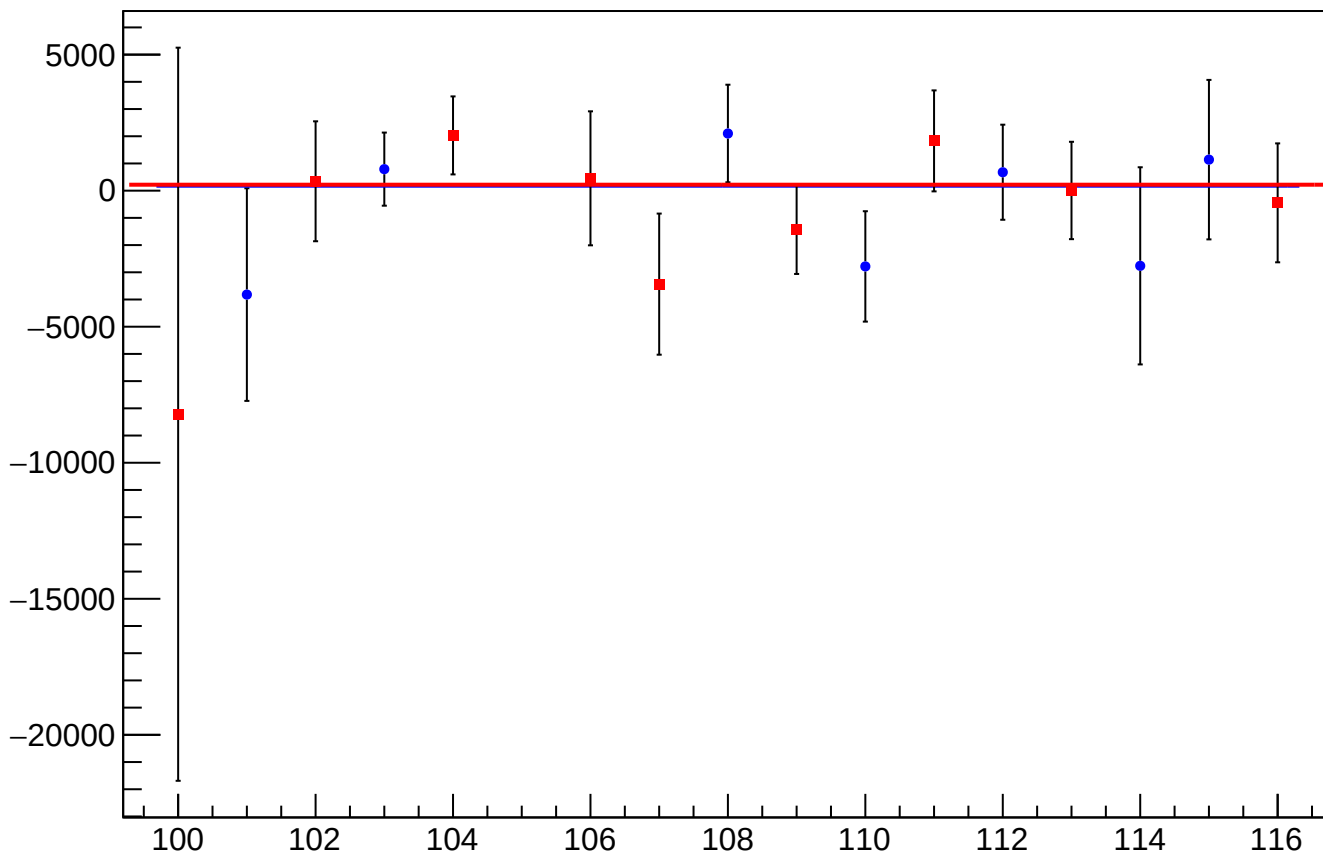
Right: 0.000+/-0.000 χ^2/NDF : 3005650.5/15

In: 0.000+/-0.000 χ^2/NDF : 1015445.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3005650.5/15

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 182.878+/-768.385 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.072+/-674.339 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

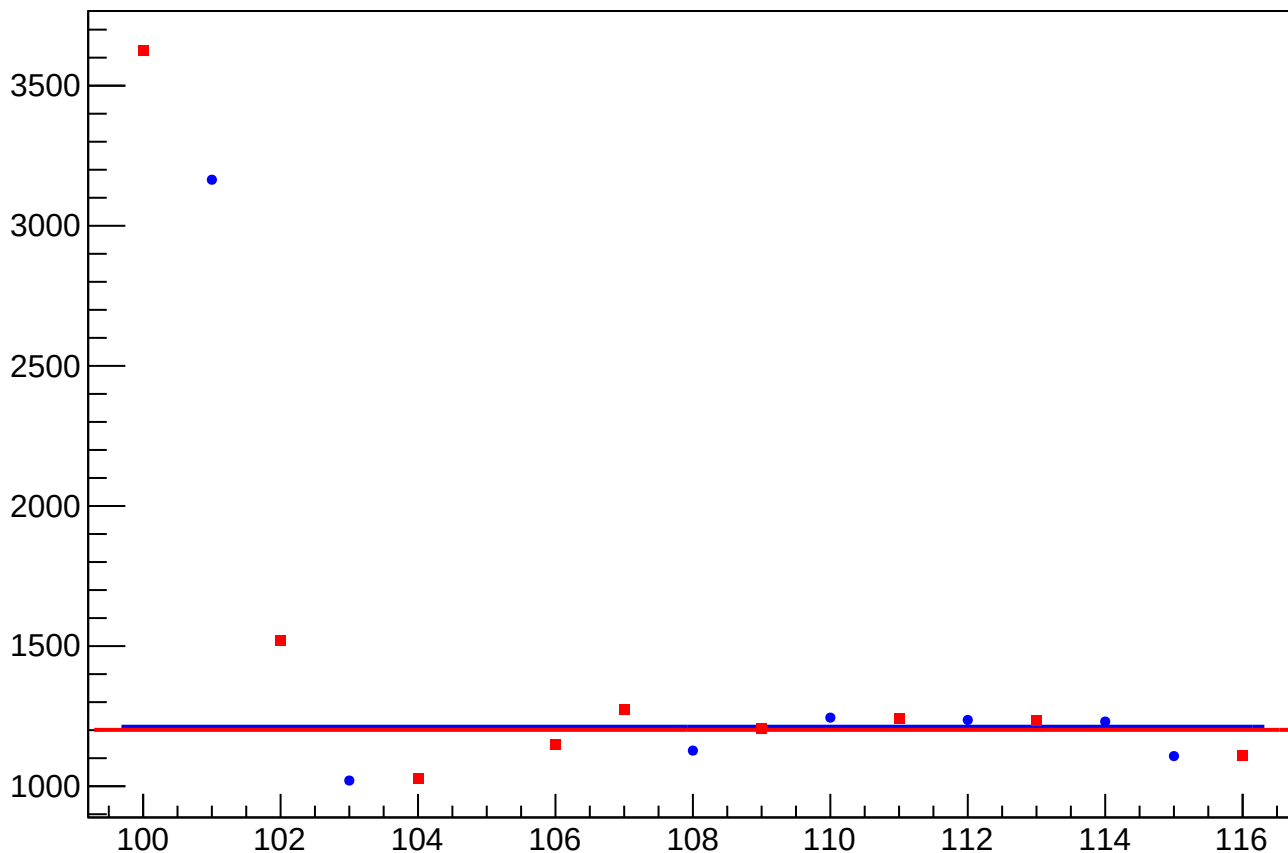
Right: 203.324+/-506.837 χ^2/NDF : 11.3/15

In: 182.878+/-768.385 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.324+/-506.837 χ^2/NDF : 11.3/15

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1212.252+/-0.543 χ^2/NDF : 548048.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1201.113+/-0.475 χ^2/NDF : 144176.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

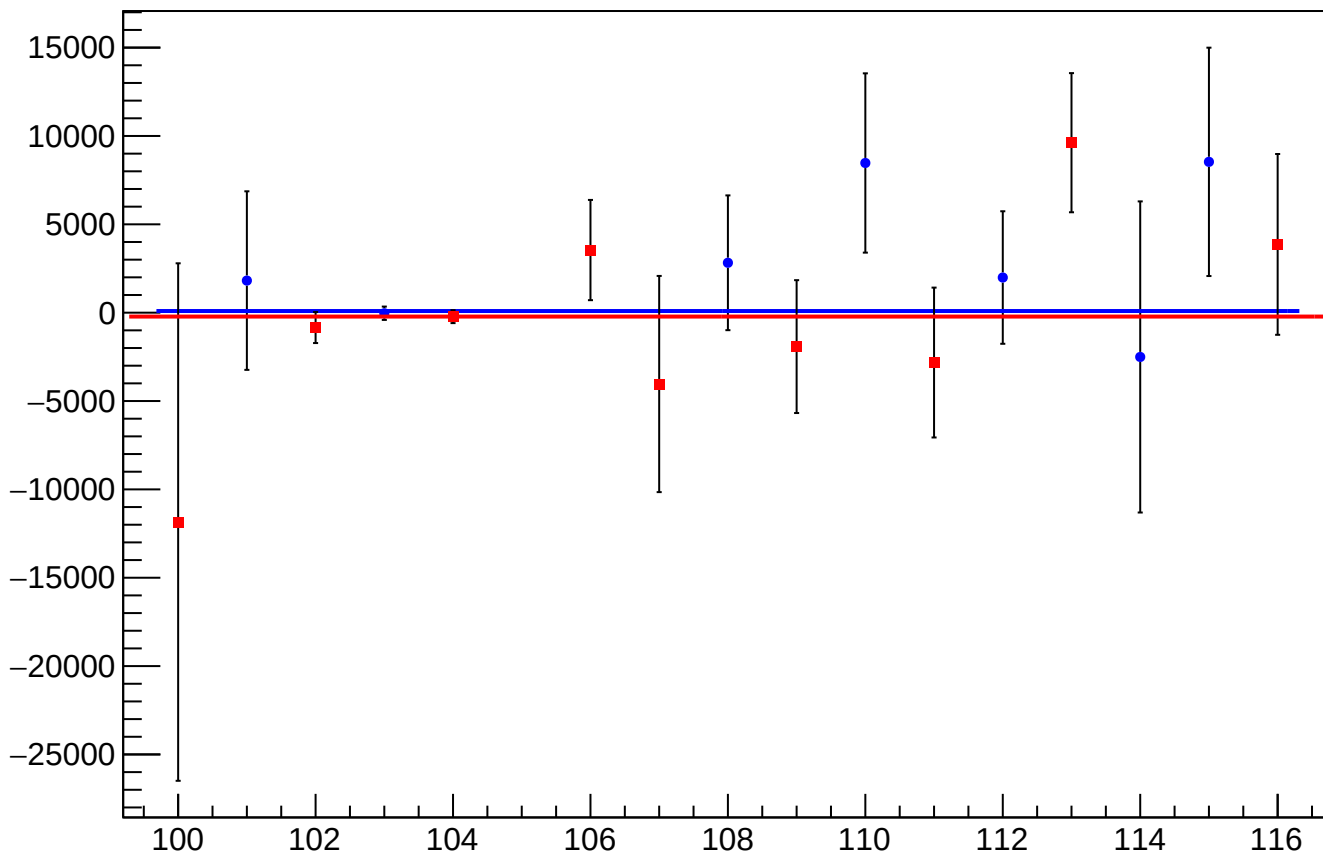
Right: 1205.935+/-0.357 χ^2/NDF : 692462.9/15

In: 1212.252+/-0.543 χ^2/NDF : 548048.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1205.935+/-0.357 χ^2/NDF : 692462.9/15

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 93.666+/-370.934 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.184+/-330.715 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

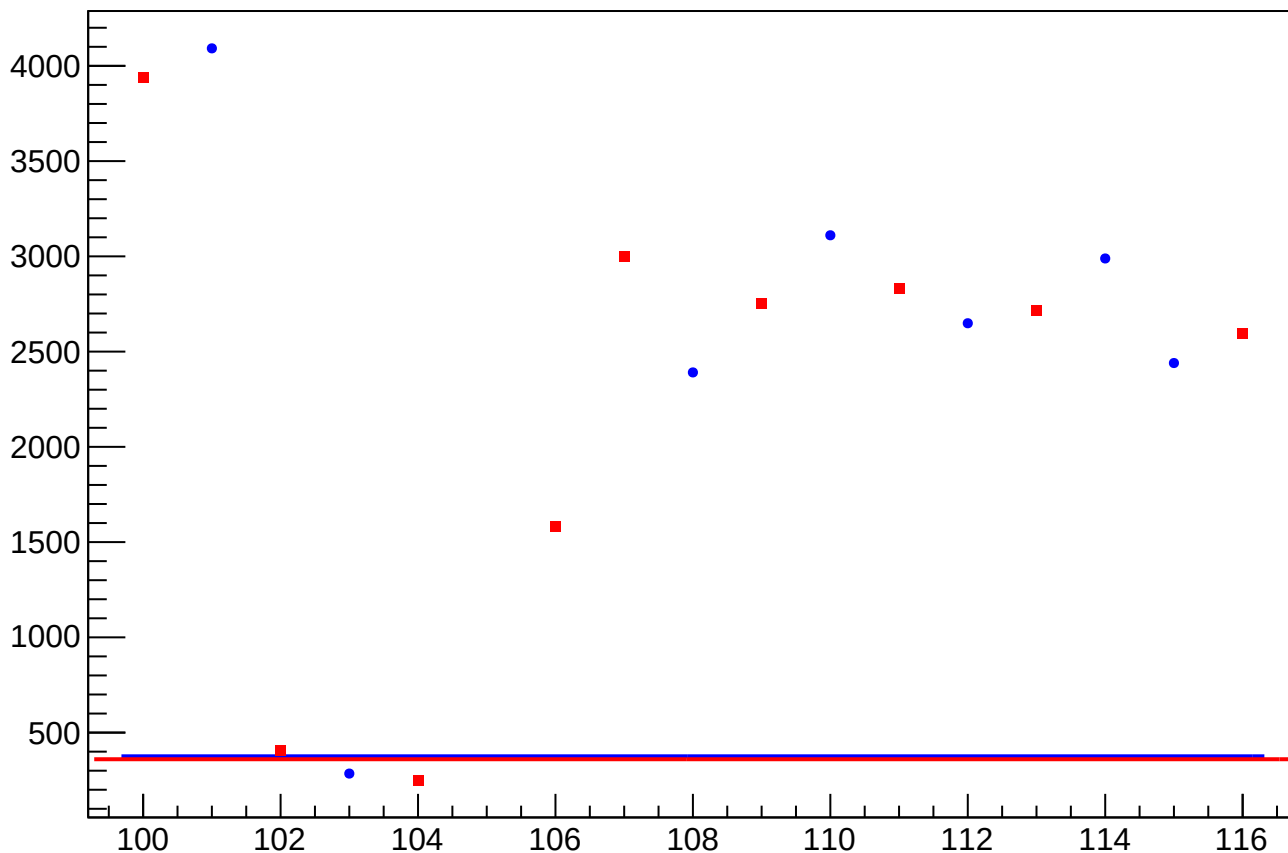
Right: -81.190+/-246.850 χ^2/NDF : 16.7/15

In: 93.666+/-370.934 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.190+/-246.850 χ^2/NDF : 16.7/15

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 375.484+/-0.262 χ^2/NDF : 3452657.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.154+/-0.234 χ^2/NDF : 3643600.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

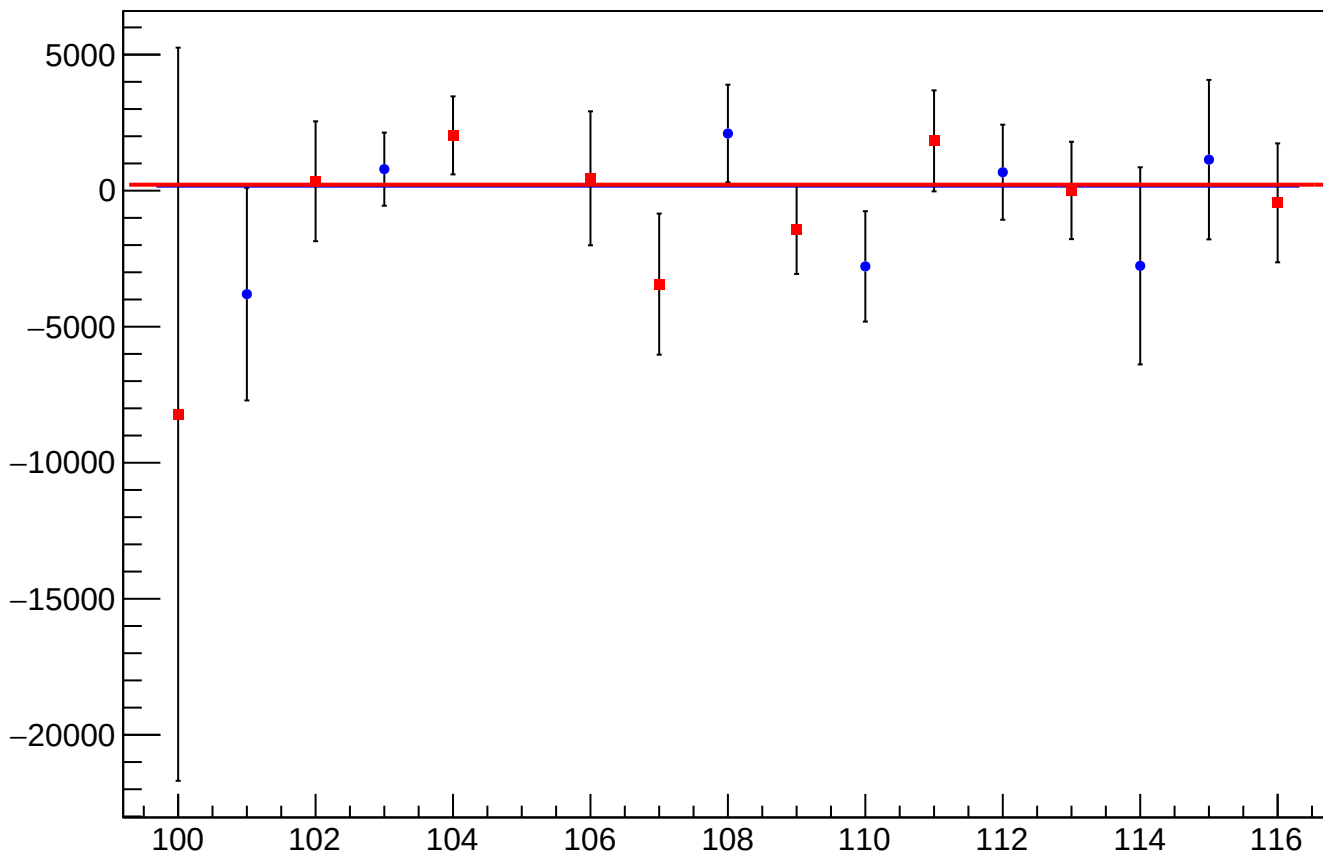
Right: 366.943+/-0.175 χ^2/NDF : 7098161.0/15

In: 375.484+/-0.262 χ^2/NDF : 3452657.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.943+/-0.175 χ^2/NDF : 7098161.0/15

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 183.478+/-768.386 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.455+/-674.339 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

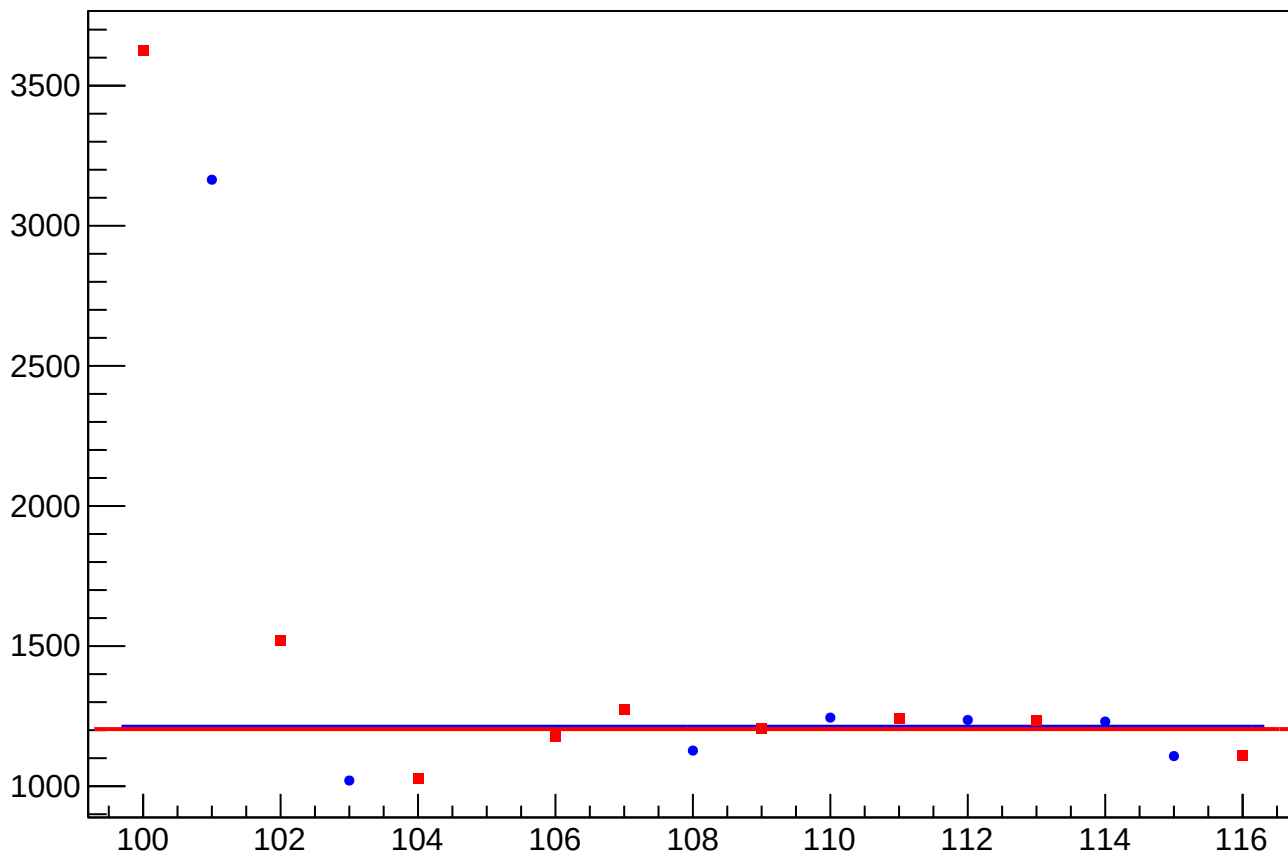
Right: 203.802+/-506.837 χ^2/NDF : 11.2/15

In: 183.478+/-768.386 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.802+/-506.837 χ^2/NDF : 11.2/15

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1212.252+/-0.543 χ^2/NDF : 548050.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.857+/-0.476 χ^2/NDF : 143253.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

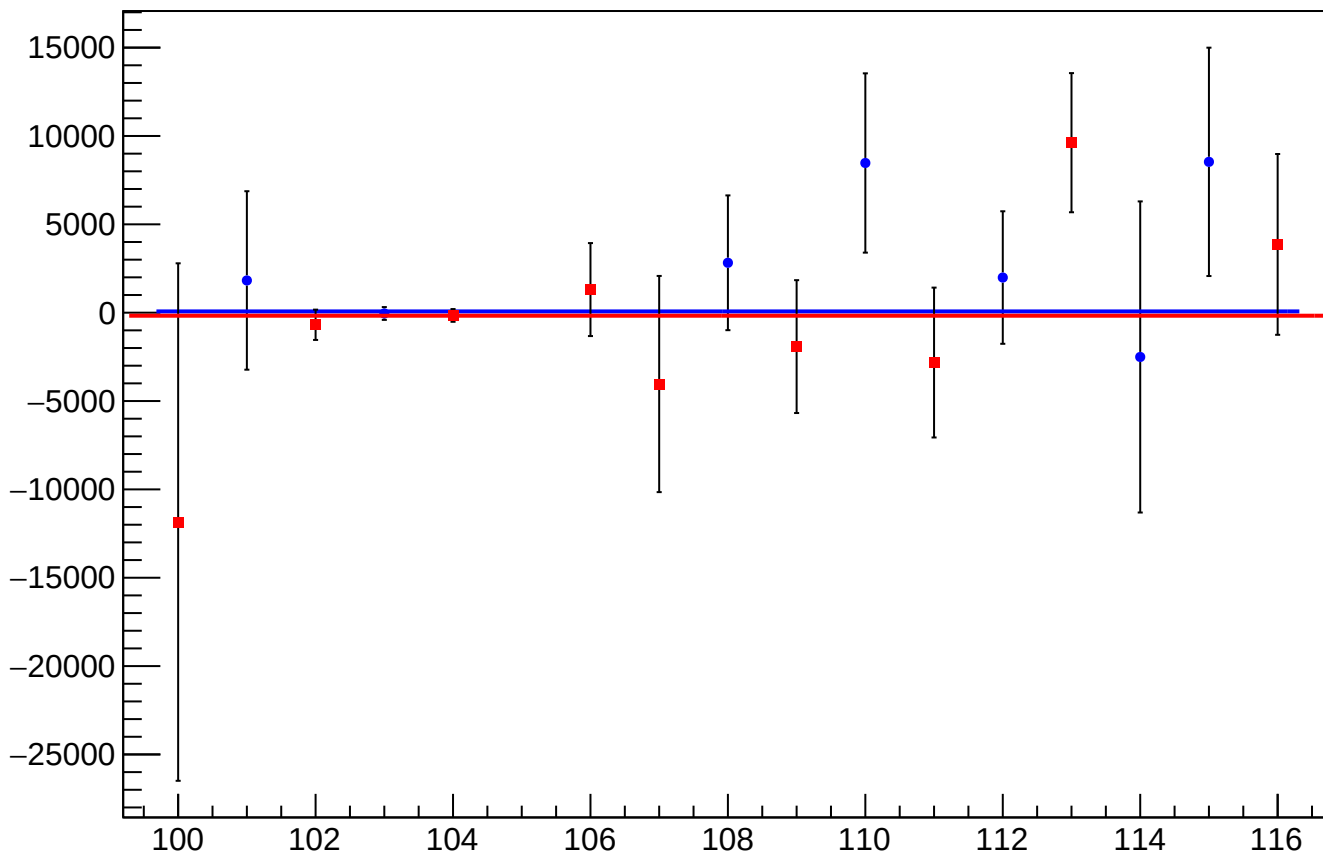
Right: 1207.504+/-0.358 χ^2/NDF : 691438.2/15

In: 1212.252+/-0.543 χ^2/NDF : 548050.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.504+/-0.358 χ^2/NDF : 691438.2/15

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 71.576+/-356.351 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -171.896+/-325.141 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

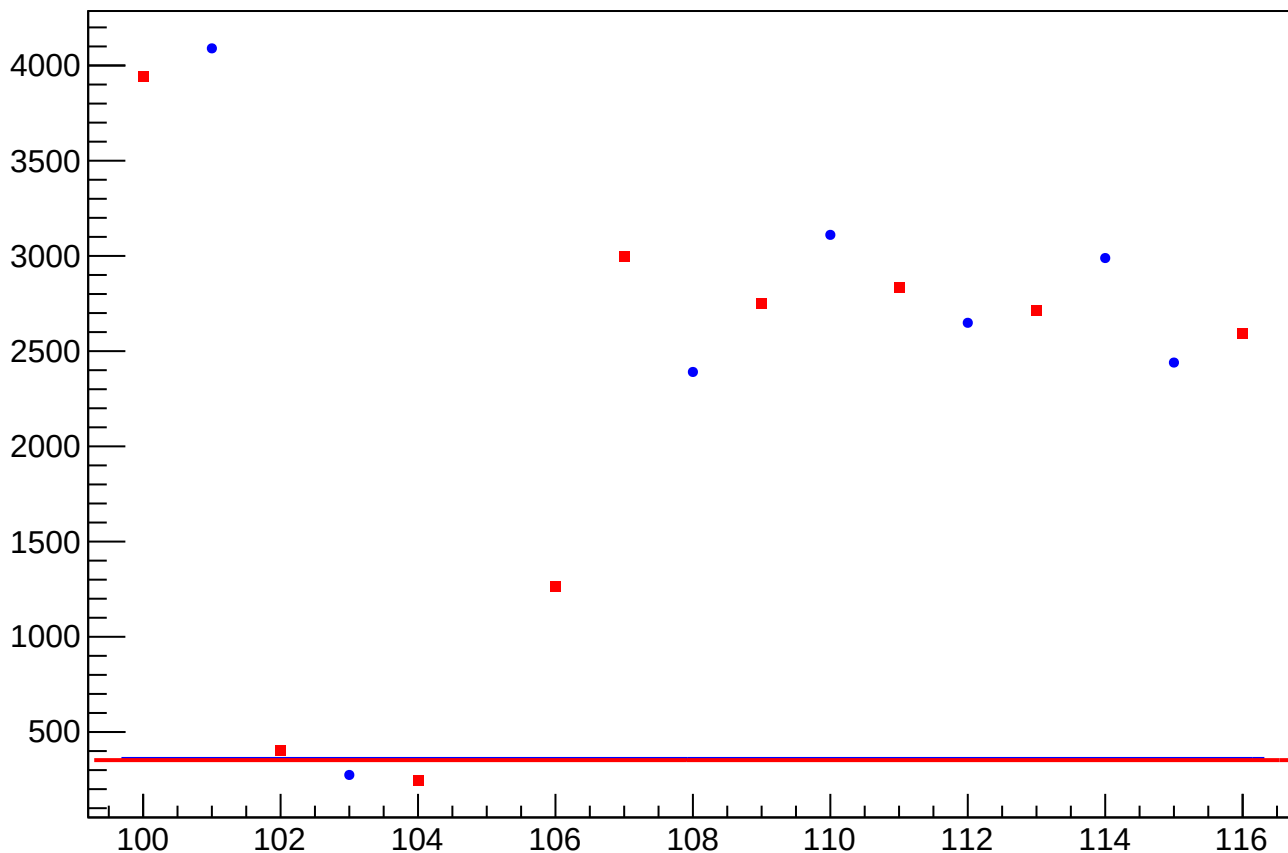
Right: -61.287+/-240.186 χ^2/NDF : 14.9/15

In: 71.576+/-356.351 χ^2/NDF :5.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.287+/-240.186 χ^2/NDF : 14.9/15

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 358.503+/-0.252 χ^2/NDF : 3488132.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 352.387+/-0.230 χ^2/NDF : 3524212.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

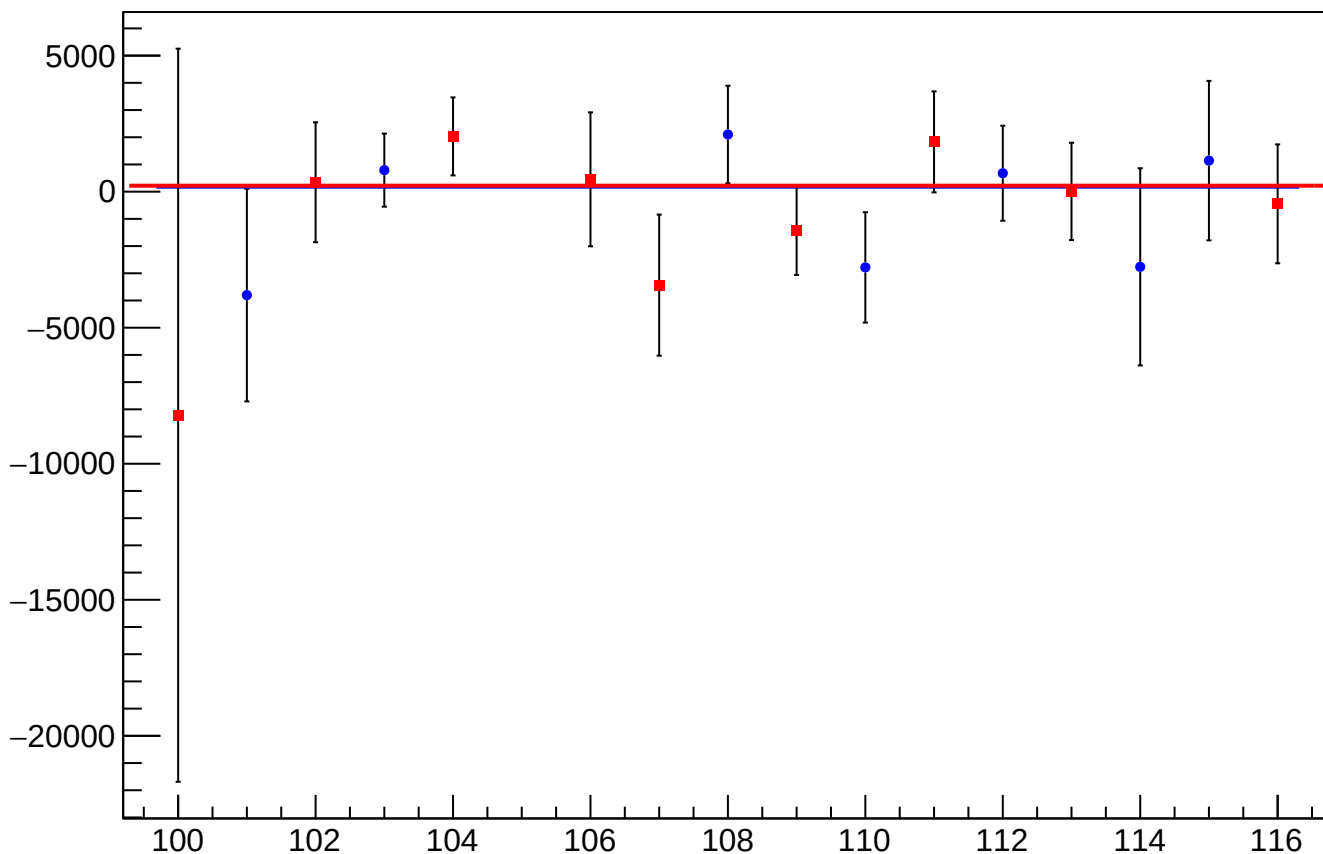
Right: 355.165+/-0.170 χ^2/NDF : 7012666.1/15

In: 358.503+/-0.252 χ^2/NDF :3488132.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 355.165+/-0.170 χ^2/NDF : 7012666.1/15

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 183.478+/-768.386 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.455+/-674.339 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

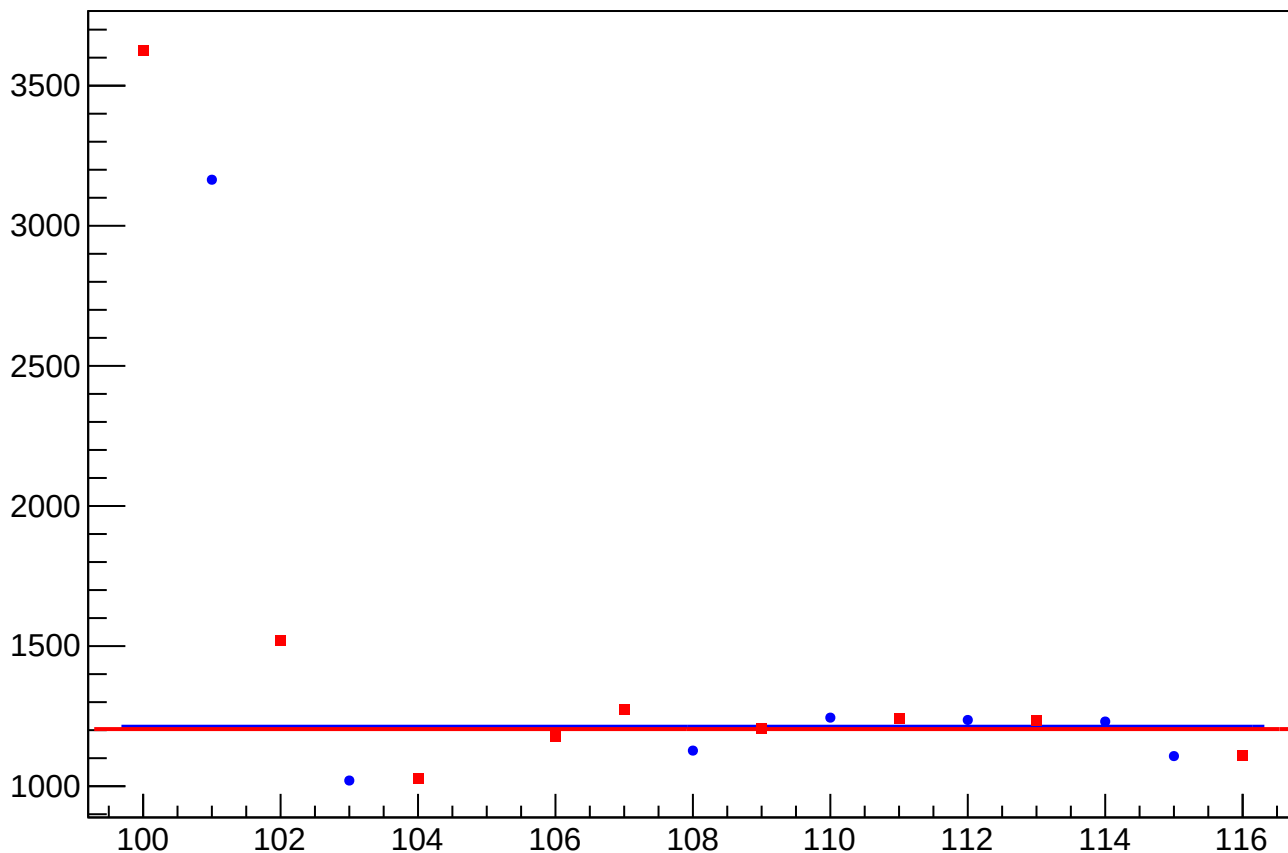
Right: 203.802+/-506.837 χ^2/NDF : 11.2/15

In: 183.478+/-768.386 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.802+/-506.837 χ^2/NDF : 11.2/15

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1212.252+/-0.543 χ^2/NDF : 548050.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.857+/-0.476 χ^2/NDF : 143253.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

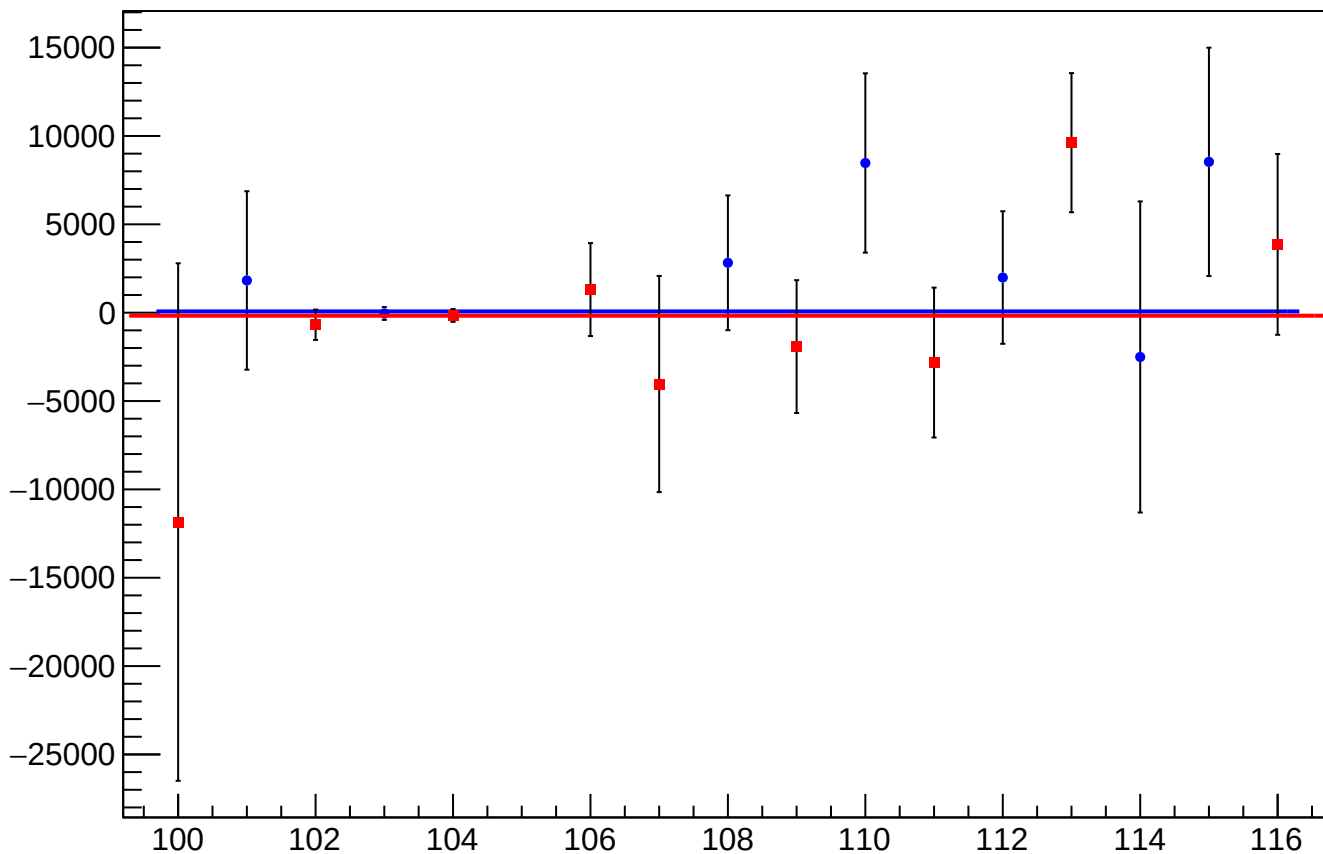
Right: 1207.504+/-0.358 χ^2/NDF : 691438.2/15

In: 1212.252+/-0.543 χ^2/NDF : 548050.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.504+/-0.358 χ^2/NDF : 691438.2/15

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 71.576+/-356.351 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.896+/-325.141 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

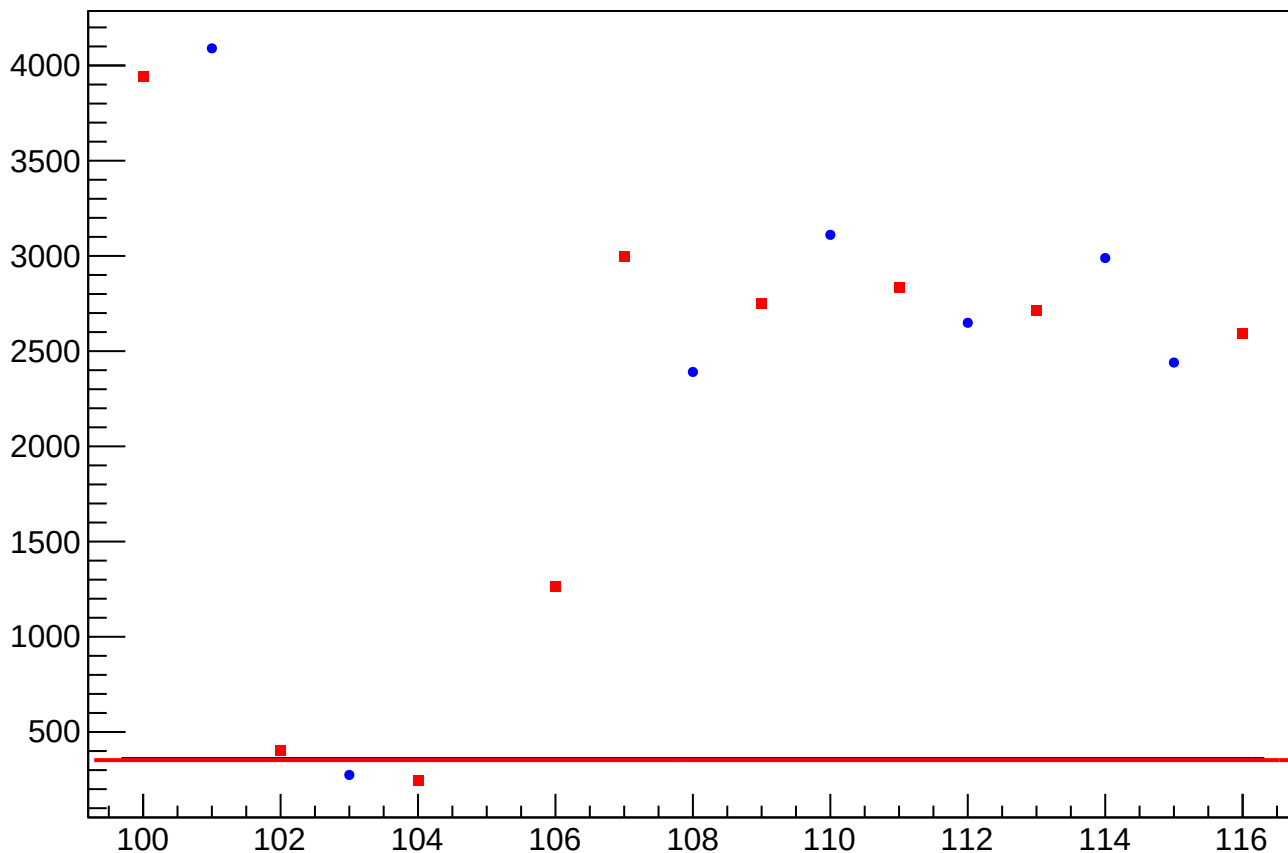
Right: -61.287+/-240.186 χ^2/NDF : 14.9/15

In: 71.576+/-356.351 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.287+/-240.186 χ^2/NDF : 14.9/15

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 358.503+/-0.252 χ^2/NDF : 3488132.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 352.387+/-0.230 χ^2/NDF : 3524212.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

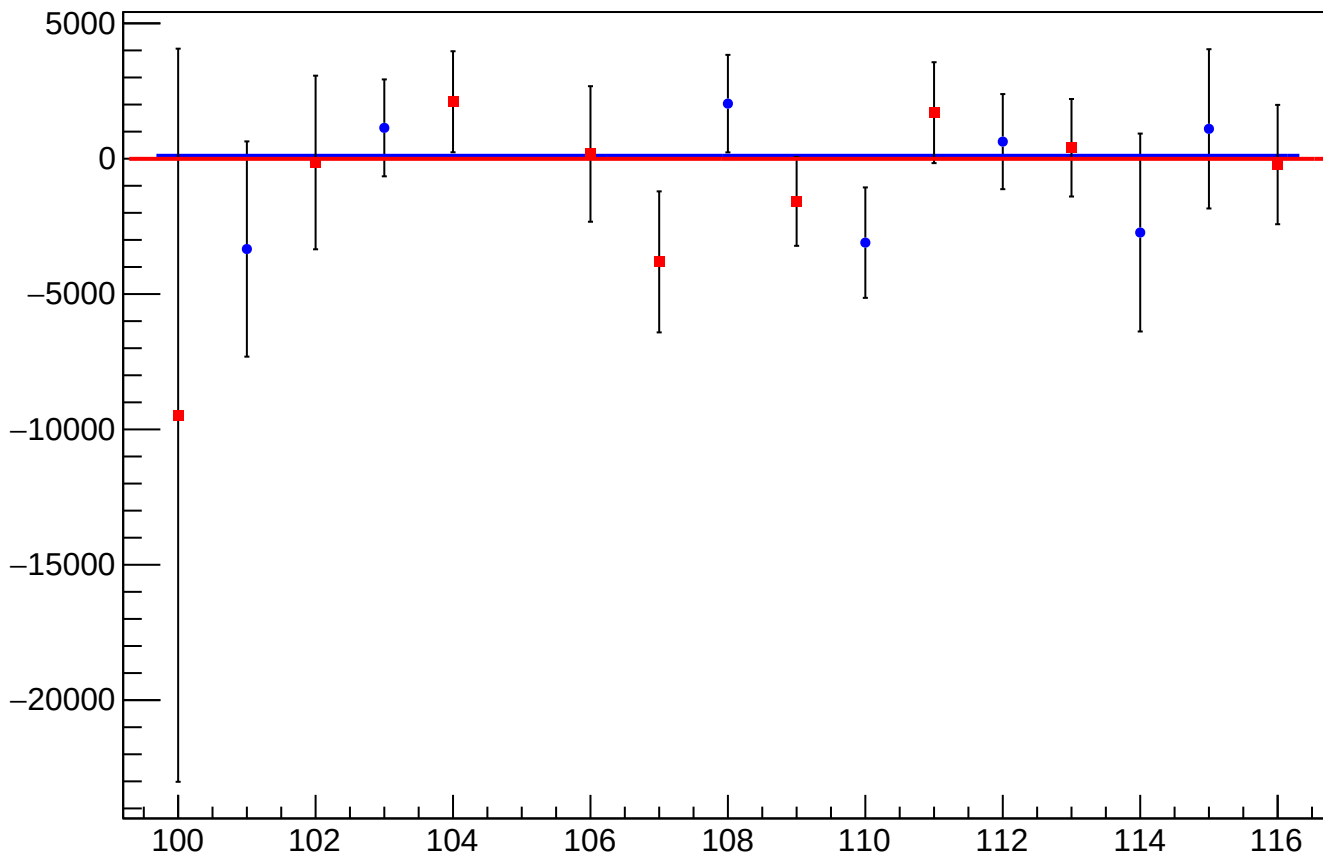
Right: 355.165+/-0.170 χ^2/NDF : 7012666.1/15

In: 358.503+/-0.252 χ^2/NDF :3488132.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 355.165+/-0.170 χ^2/NDF : 7012666.1/15

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 107.133+/-833.775 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.083+/-731.332 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

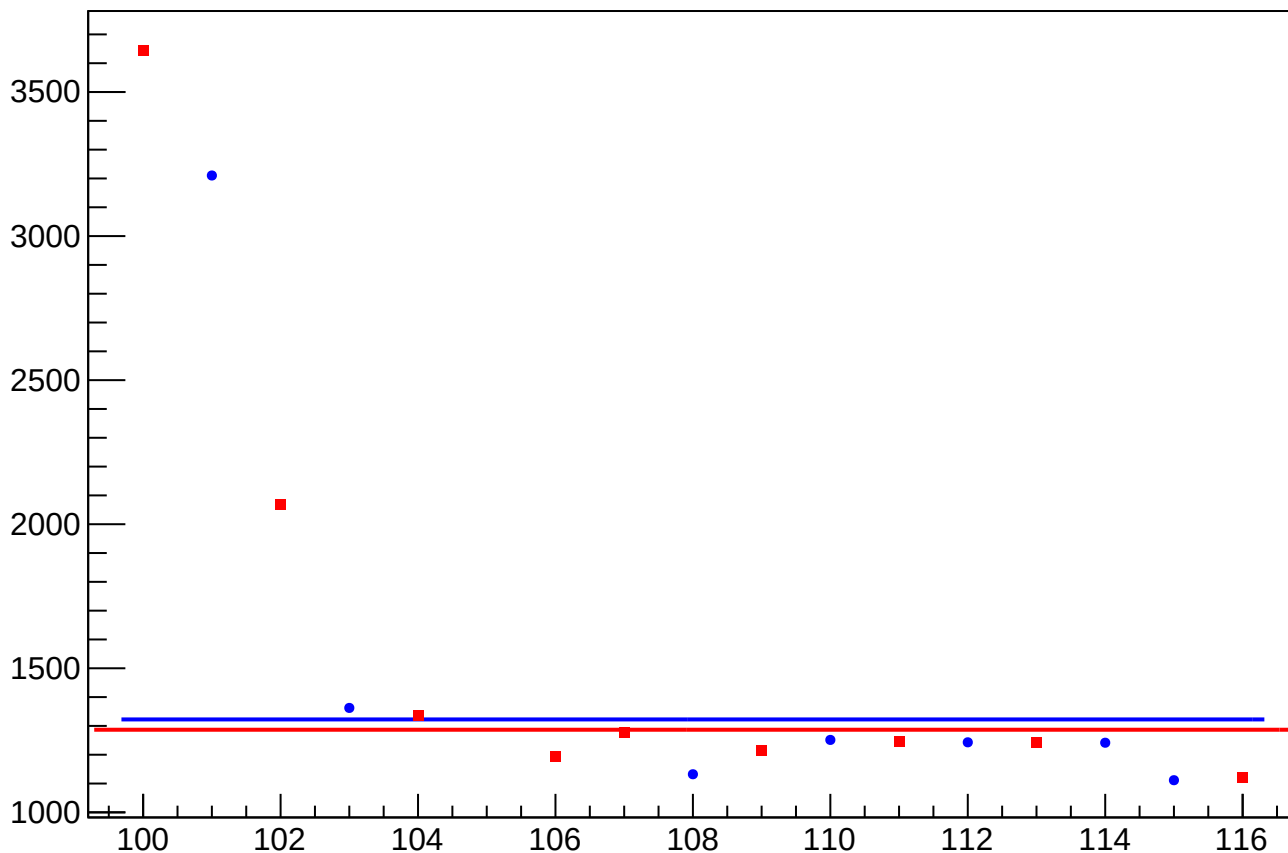
Right: 43.712+/-549.802 χ^2/NDF : 11.2/15

In: 107.133+/-833.775 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.712+/-549.802 χ^2/NDF : 11.2/15

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1322.496+/-0.590 χ^2/NDF : 492001.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.705+/-0.516 χ^2/NDF : 200704.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

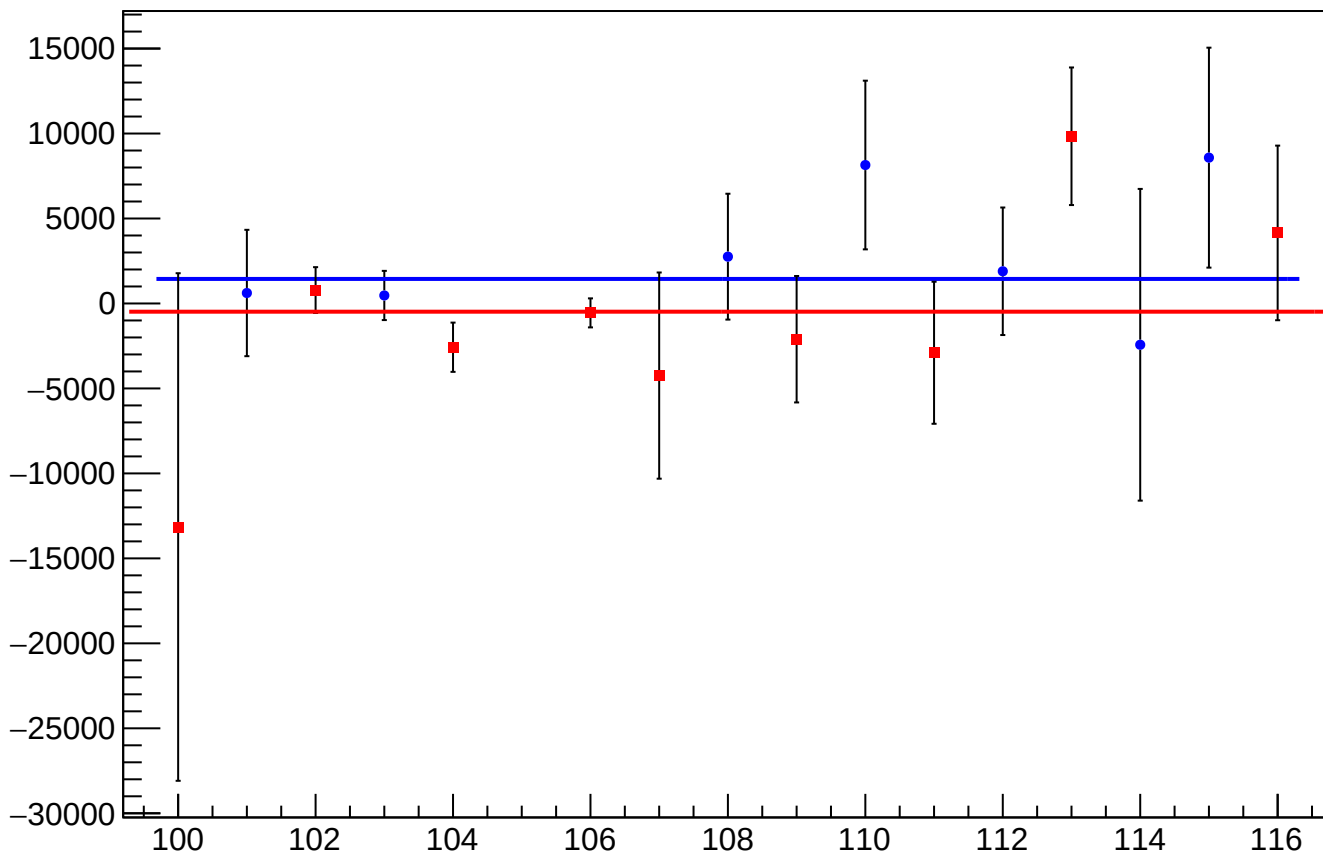
Right: 1302.245+/-0.388 χ^2/NDF : 694791.8/15

In: 1322.496+/-0.590 χ^2/NDF : 492001.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.245+/-0.388 χ^2/NDF : 694791.8/15

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1443.253+/-1139.668 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -483.817+/-613.256 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

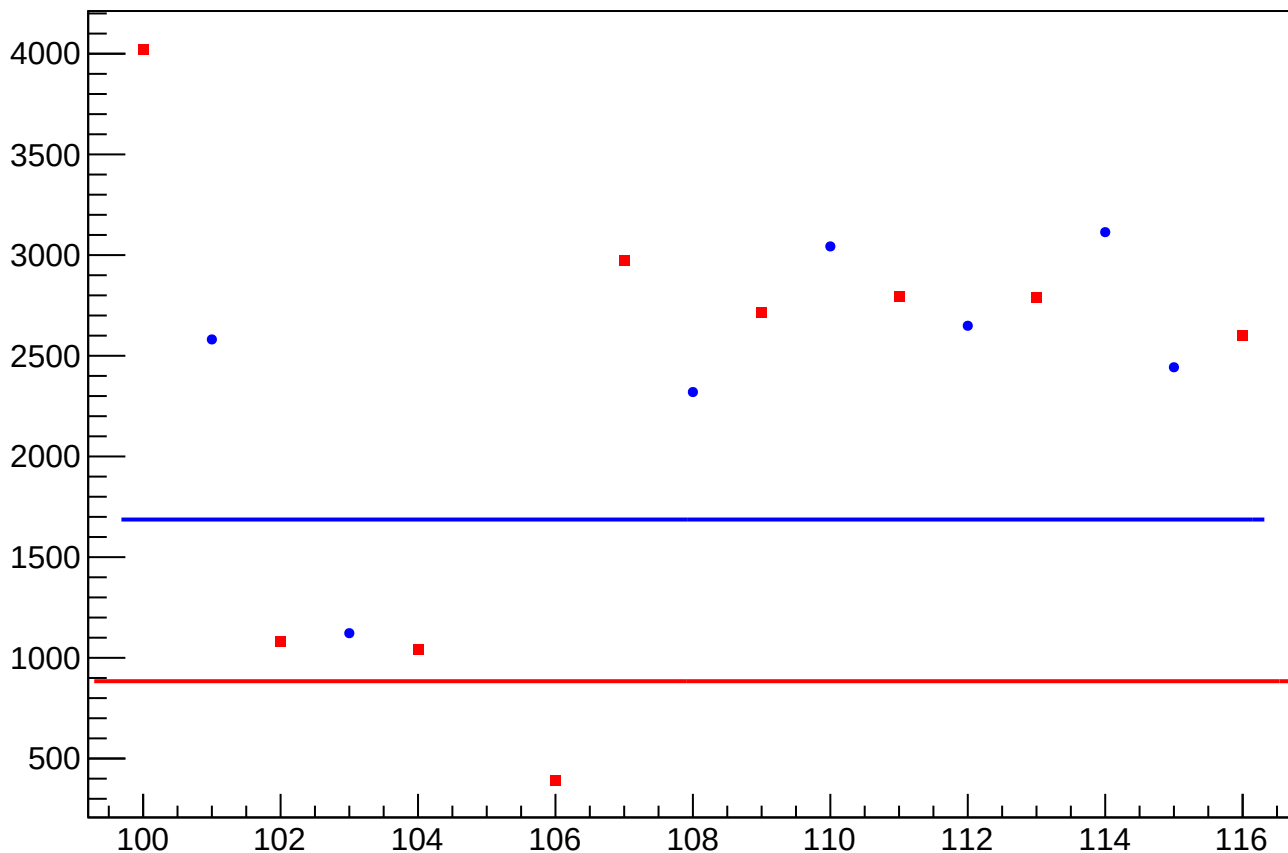
Right: -51.118+/-540.036 χ^2/NDF : 18.0/15

In: 1443.253+/-1139.668 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.118+/-540.036 χ^2/NDF : 18.0/15

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1686.820+/-0.806 χ^2/NDF : 834839.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.924+/-0.434 χ^2/NDF : 2629780.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

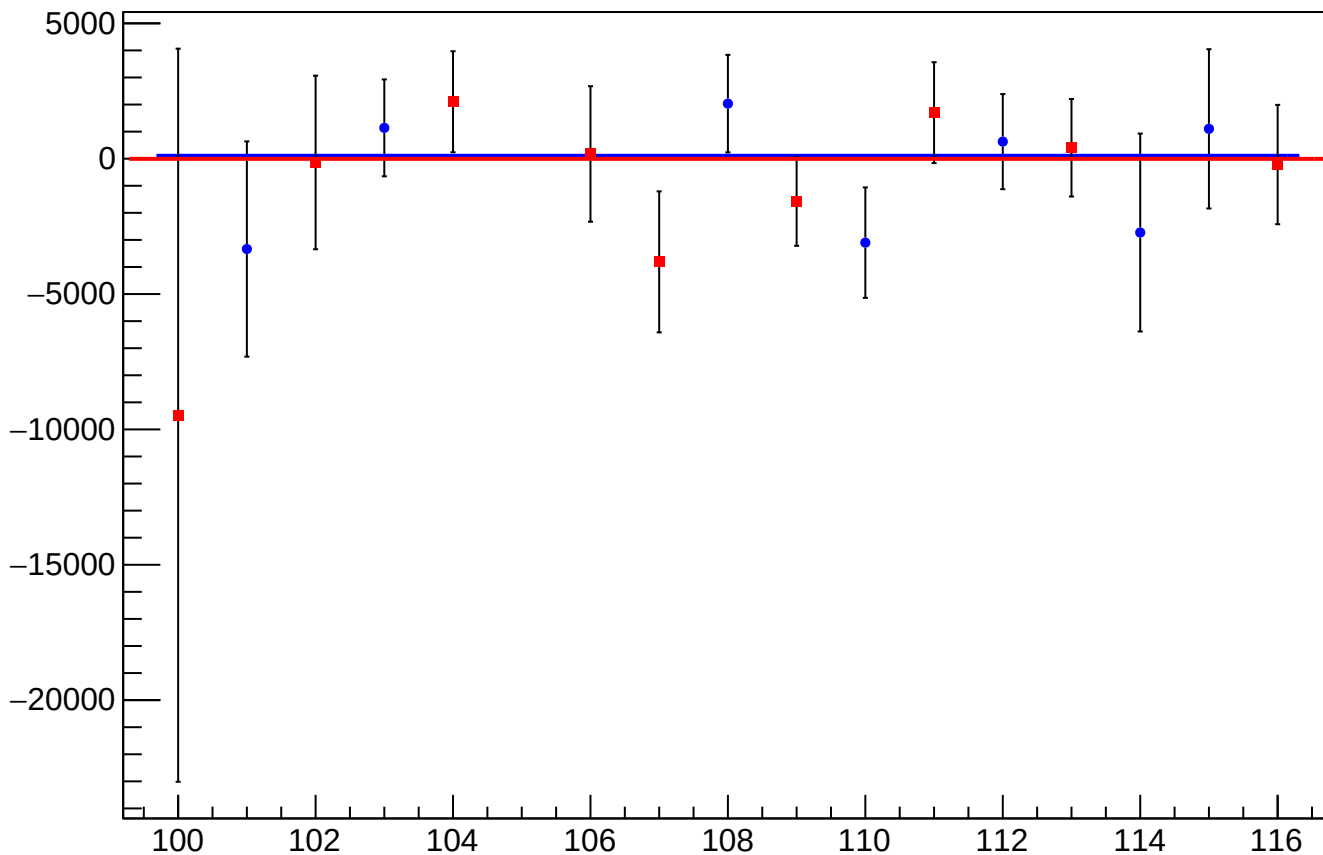
Right: 1064.204+/-0.382 χ^2/NDF : 4234376.0/15

In: 1686.820+/-0.806 χ^2/NDF : 834839.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.204+/-0.382 χ^2/NDF : 4234376.0/15

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 107.128+/-833.775 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.088+/-731.332 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

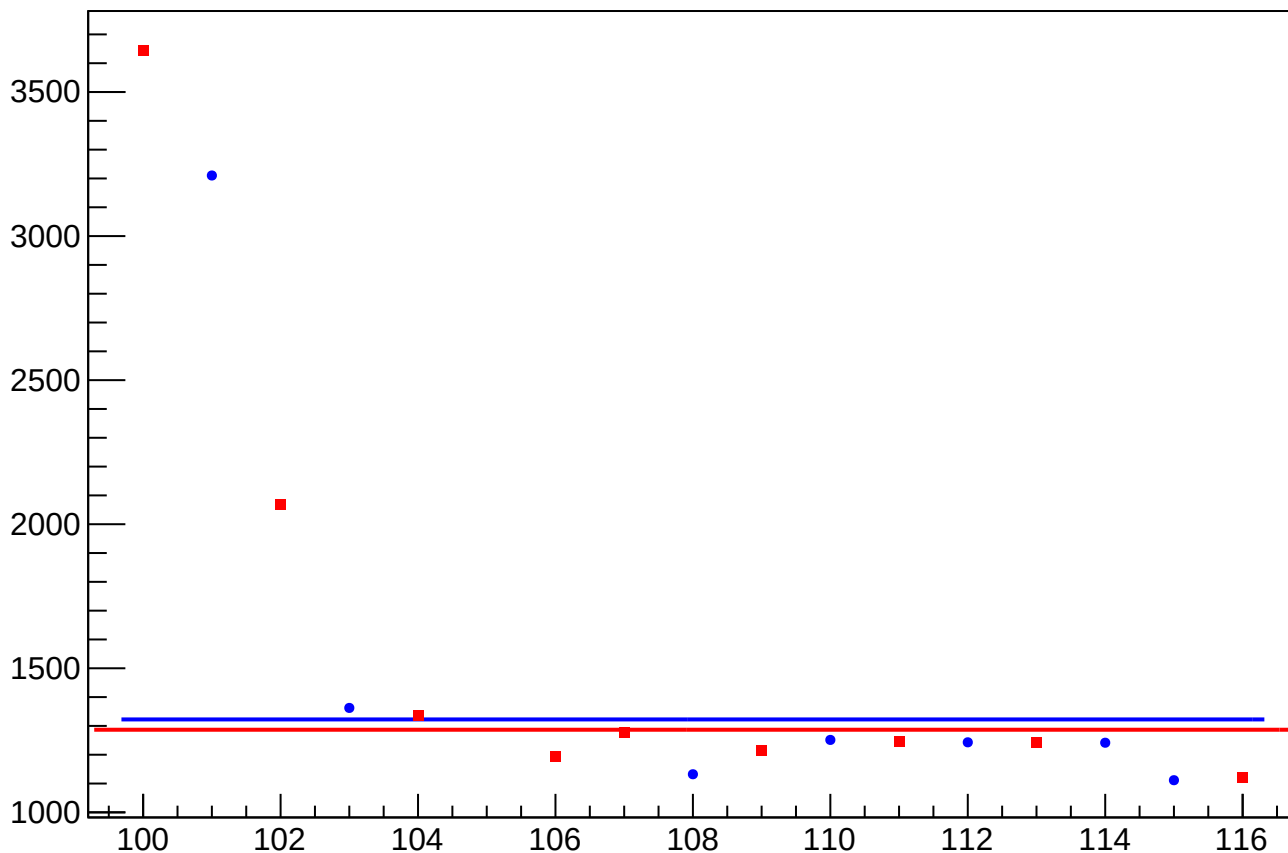
Right: 43.706+/-549.802 χ^2/NDF : 11.2/15

In: 107.128+/-833.775 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.706+/-549.802 χ^2/NDF : 11.2/15

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1322.496+/-0.590 χ^2/NDF : 492001.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.705+/-0.516 χ^2/NDF : 200704.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

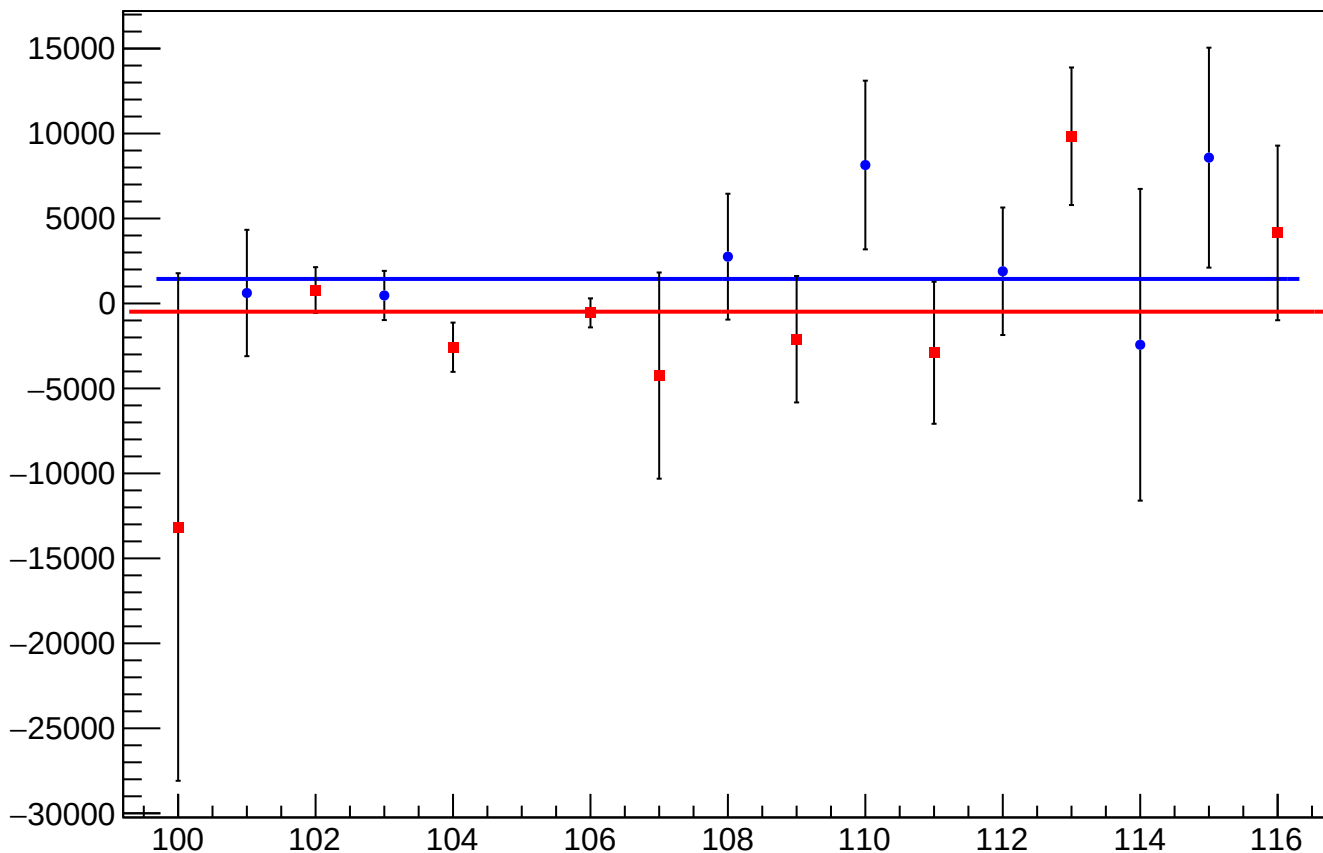
Right: 1302.245+/-0.388 χ^2/NDF : 694791.7/15

In: 1322.496+/-0.590 χ^2/NDF : 492001.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.245+/-0.388 χ^2/NDF : 694791.7/15

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1443.253+/-1139.667 χ^2 /NDF: 3.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -483.816+/-613.248 χ^2 /NDF: 11.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

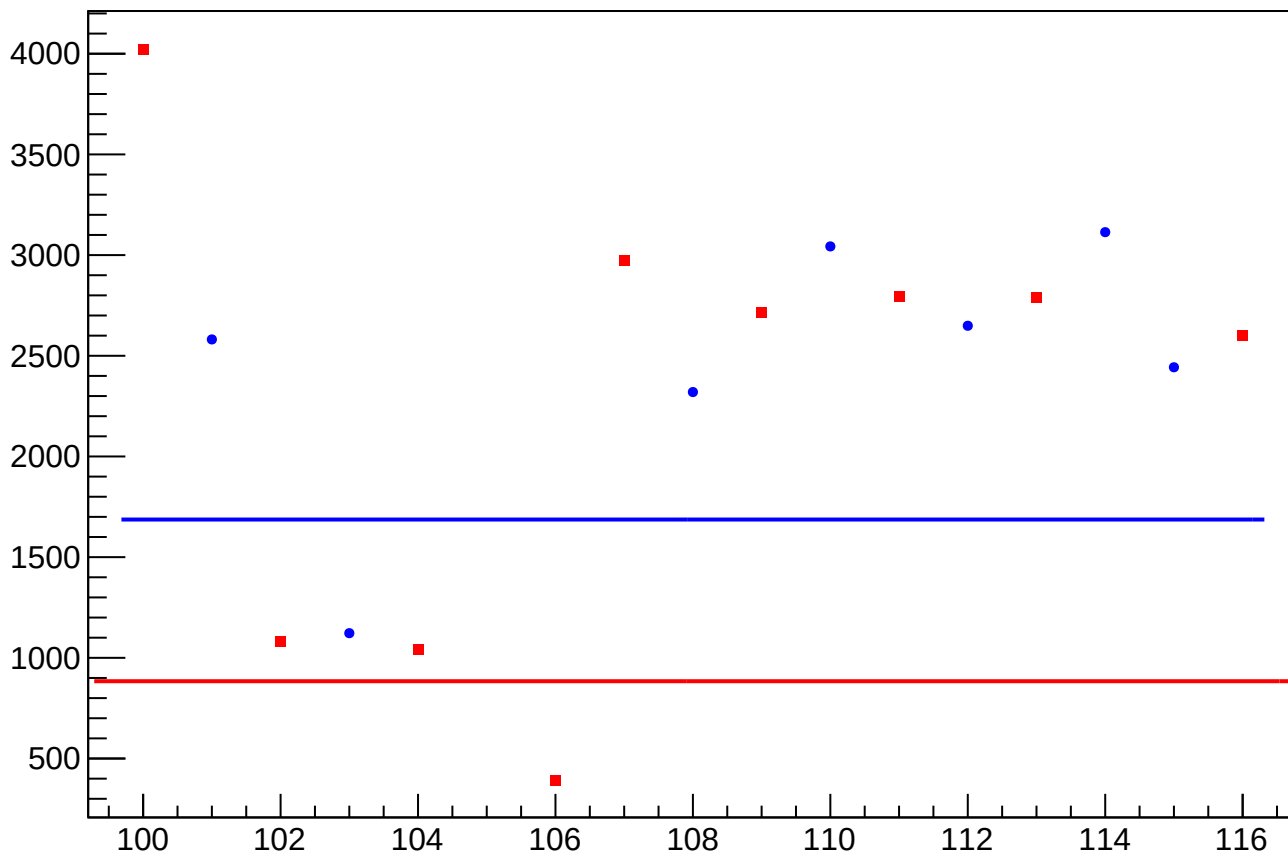
Right: -51.126+/-540.030 χ^2 /NDF: 18.0/15

In: 1443.253+/-1139.667 χ^2 /NDF:3.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -51.126+/-540.030 χ^2 /NDF: 18.0/15

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1686.819+/-0.806 χ^2/NDF : 834837.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.905+/-0.434 χ^2/NDF : 2629845.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

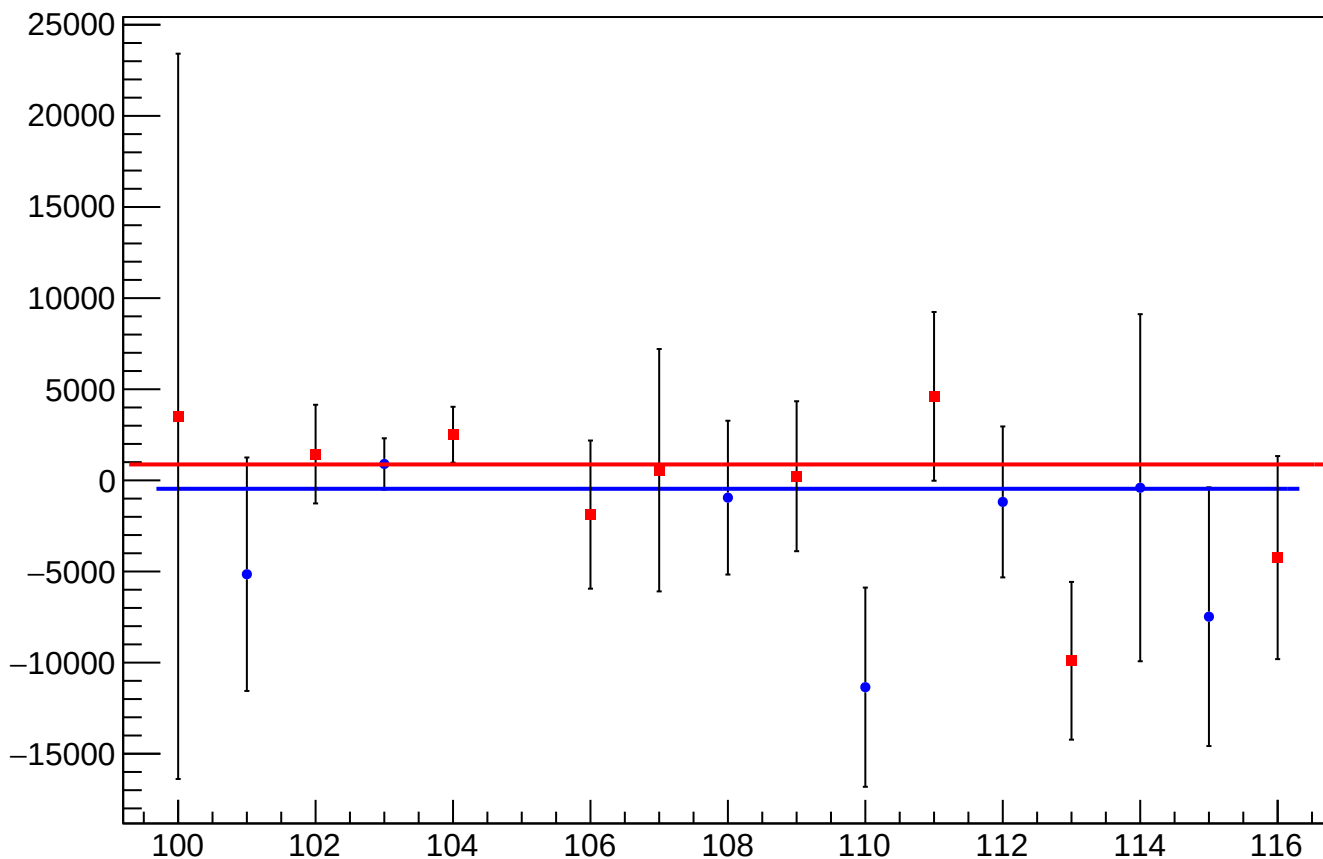
Right: 1064.185+/-0.382 χ^2/NDF : 4234479.9/15

In: 1686.819+/-0.806 χ^2/NDF : 834837.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.185+/-0.382 χ^2/NDF : 4234479.9/15

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -461.782+/-1189.154 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.022+/-1091.896 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

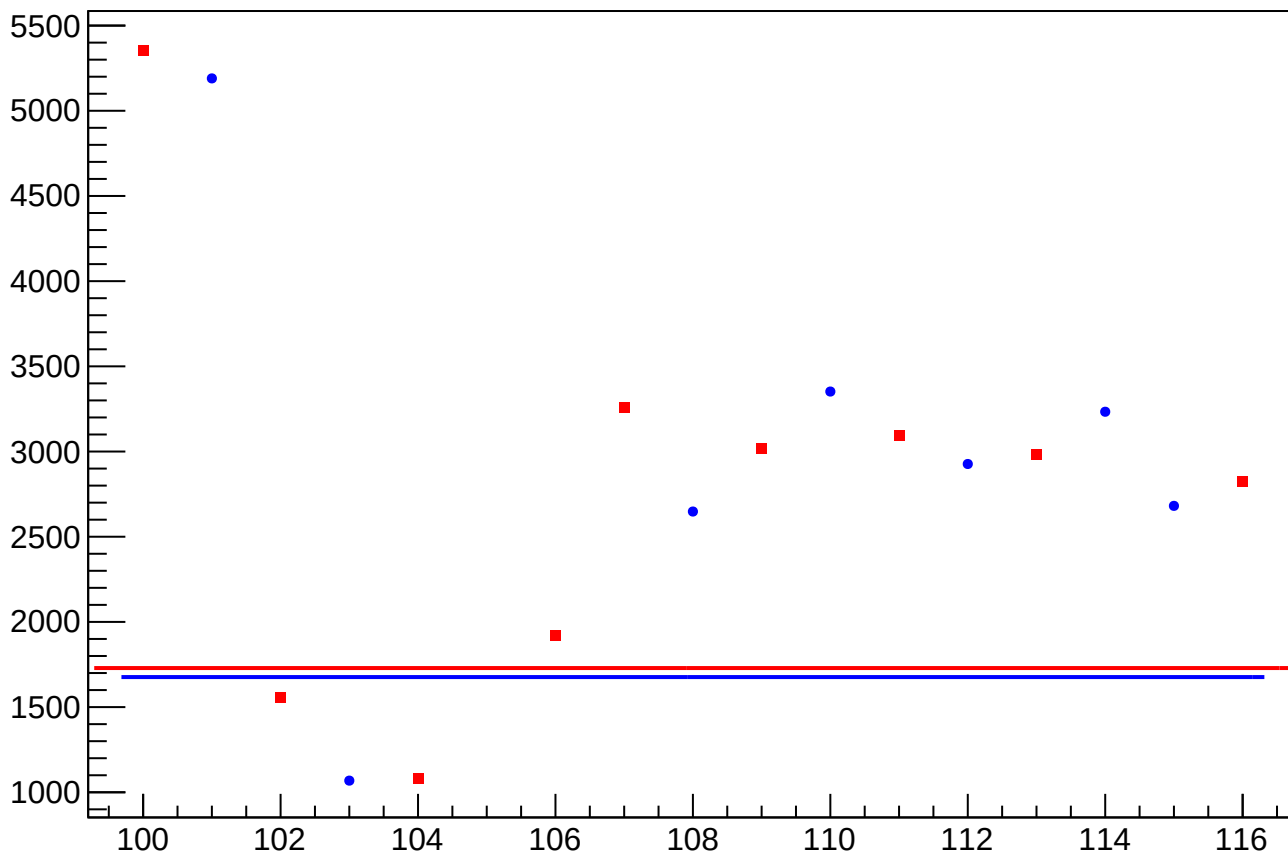
Right: 262.972+/-804.276 χ^2/NDF : 16.5/15

In: -461.782+/-1189.154 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.972+/-804.276 χ^2/NDF : 16.5/15

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1676.287+/-0.841 χ^2/NDF : 1544315.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.221+/-0.769 χ^2/NDF : 1157168.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

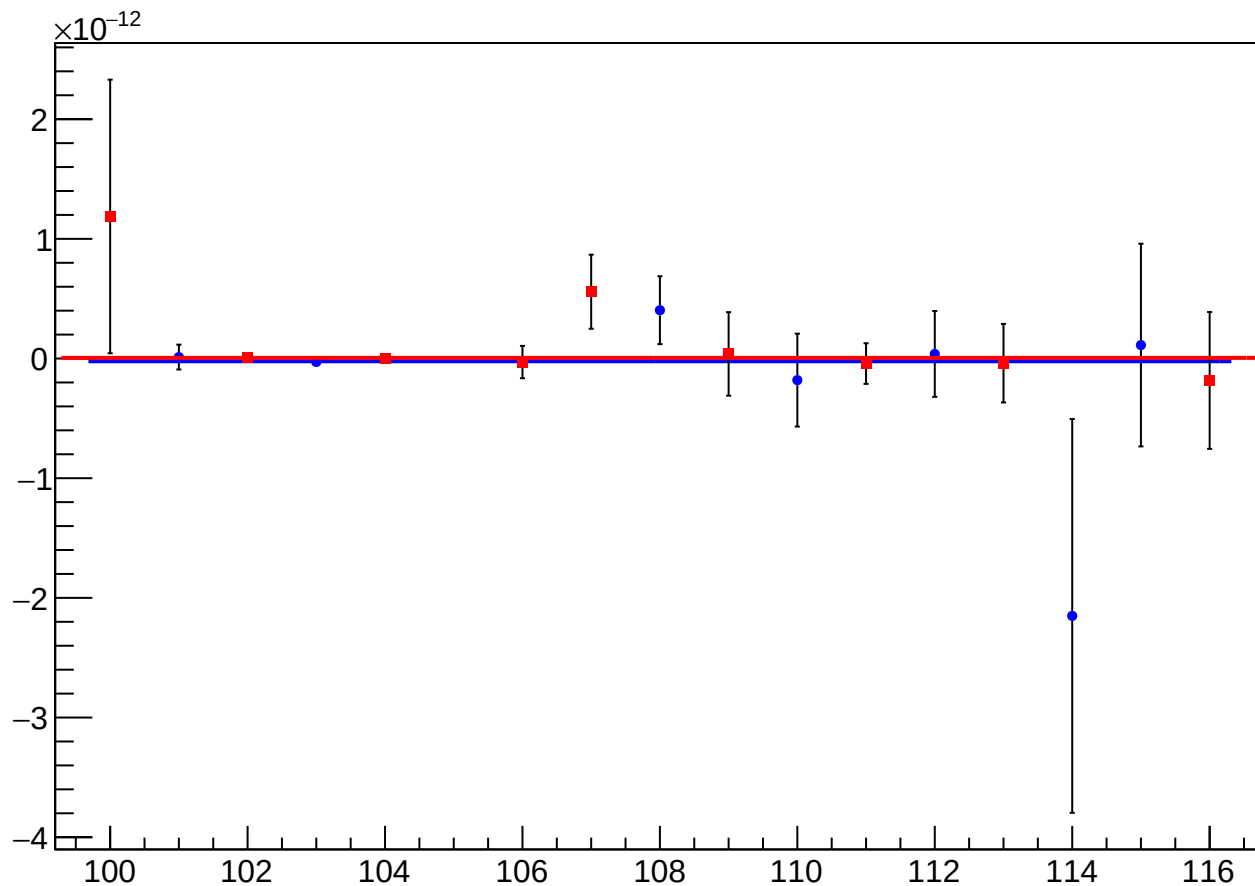
Right: 1705.100+/-0.568 χ^2/NDF : 2703641.3/15

In: 1676.287+/-0.841 χ^2/NDF : 1544315.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1705.100+/-0.568 χ^2/NDF : 2703641.3/15

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

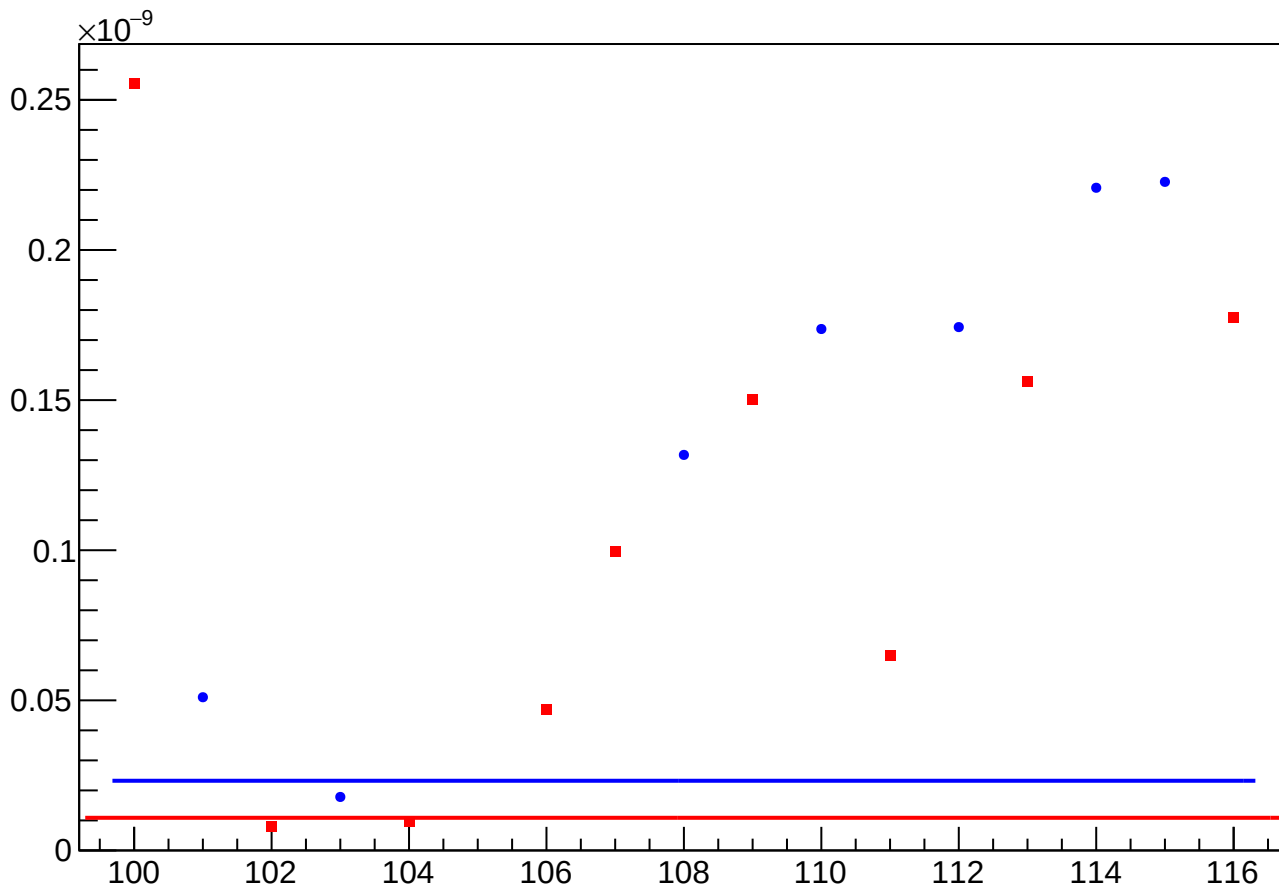
Right: -0.000+/-0.000 χ^2 /NDF: 9.7/15

In: -0.000+/-0.000 χ^2 /NDF:4.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.7/15

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1301982.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1515360.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

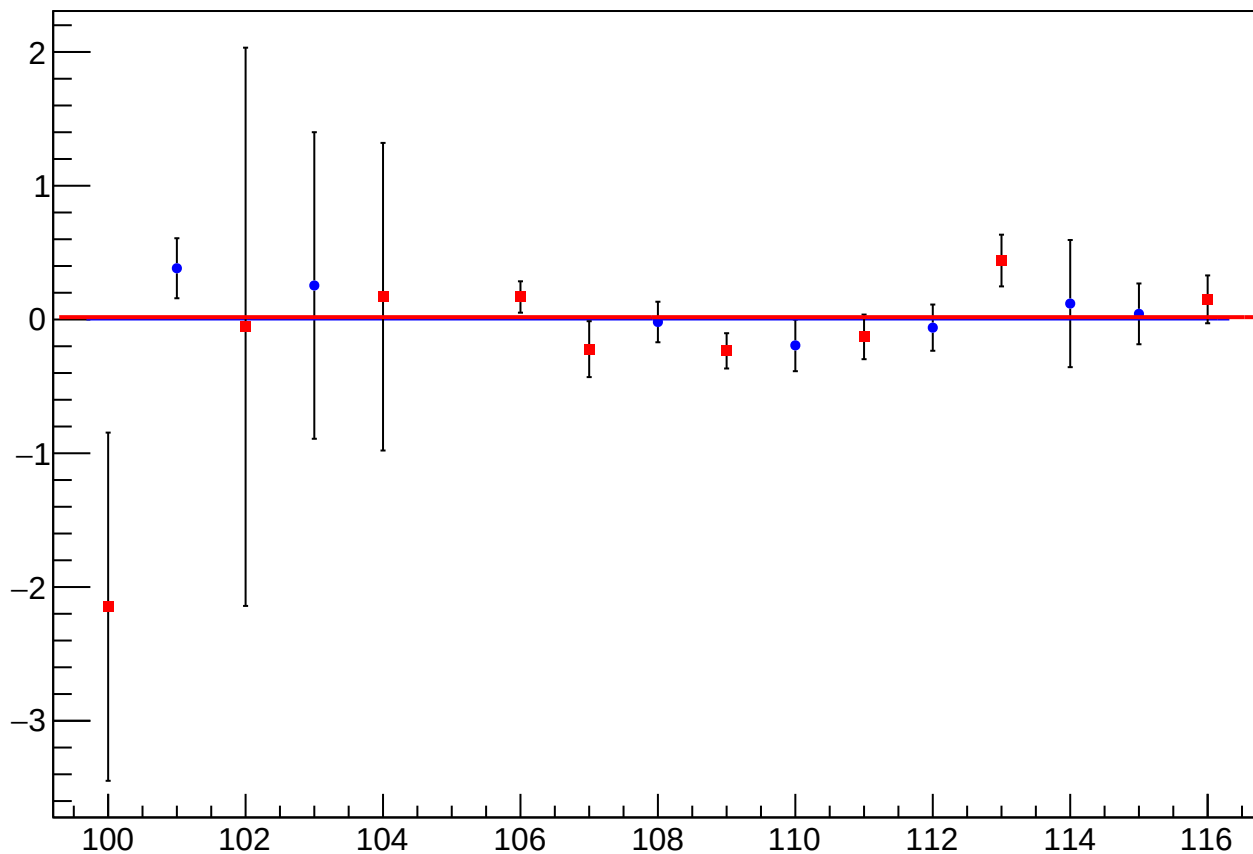
Right: 0.000+/-0.000 χ^2/NDF : 3125546.0/15

In: 0.000+/-0.000 χ^2/NDF : 1301982.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3125546.0/15

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.082 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.063 χ^2/NDF : 15.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

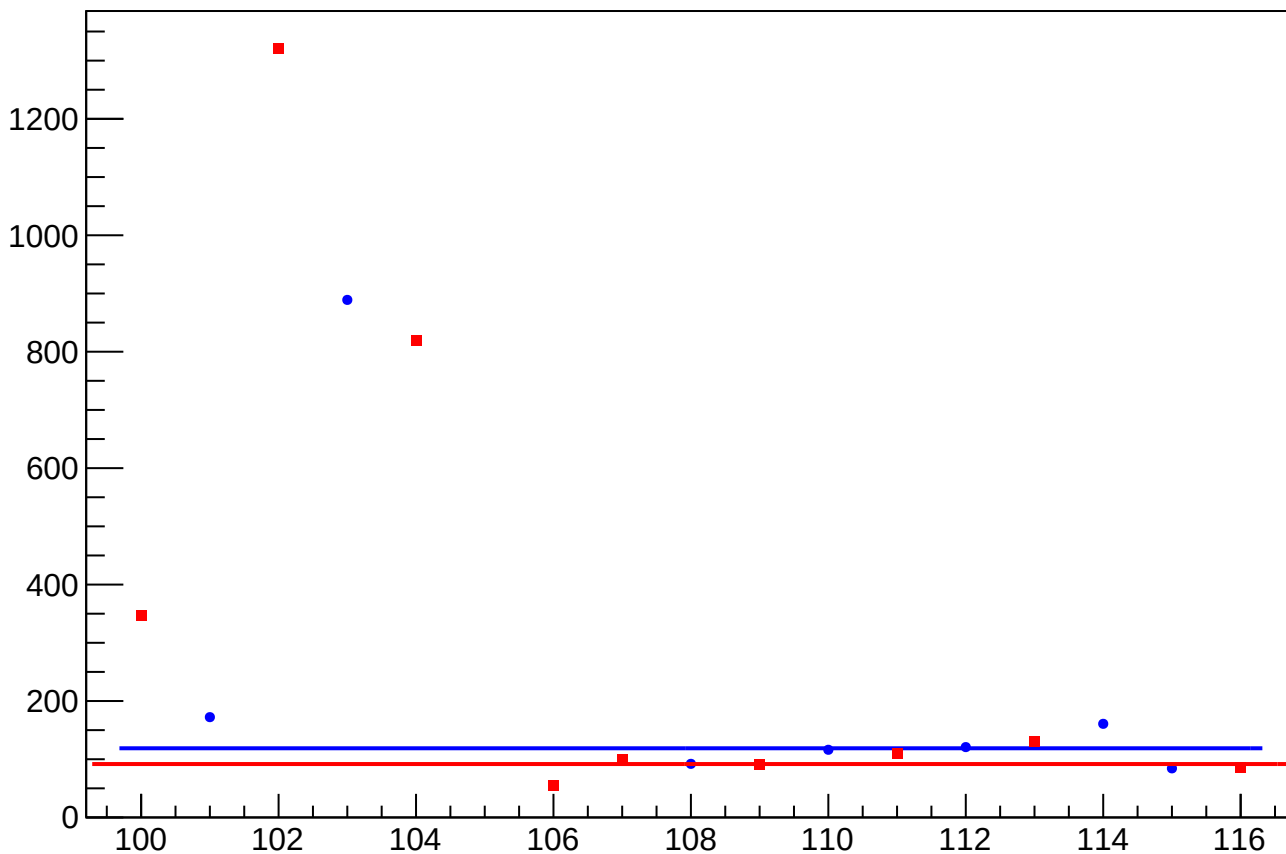
Right: 0.014+/-0.050 χ^2/NDF : 19.7/15

In: 0.008+/-0.082 χ^2/NDF :4.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.050 χ^2/NDF : 19.7/15

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.826+/-0.058 χ^2/NDF : 1141723.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.749+/-0.045 χ^2/NDF : 1876543.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

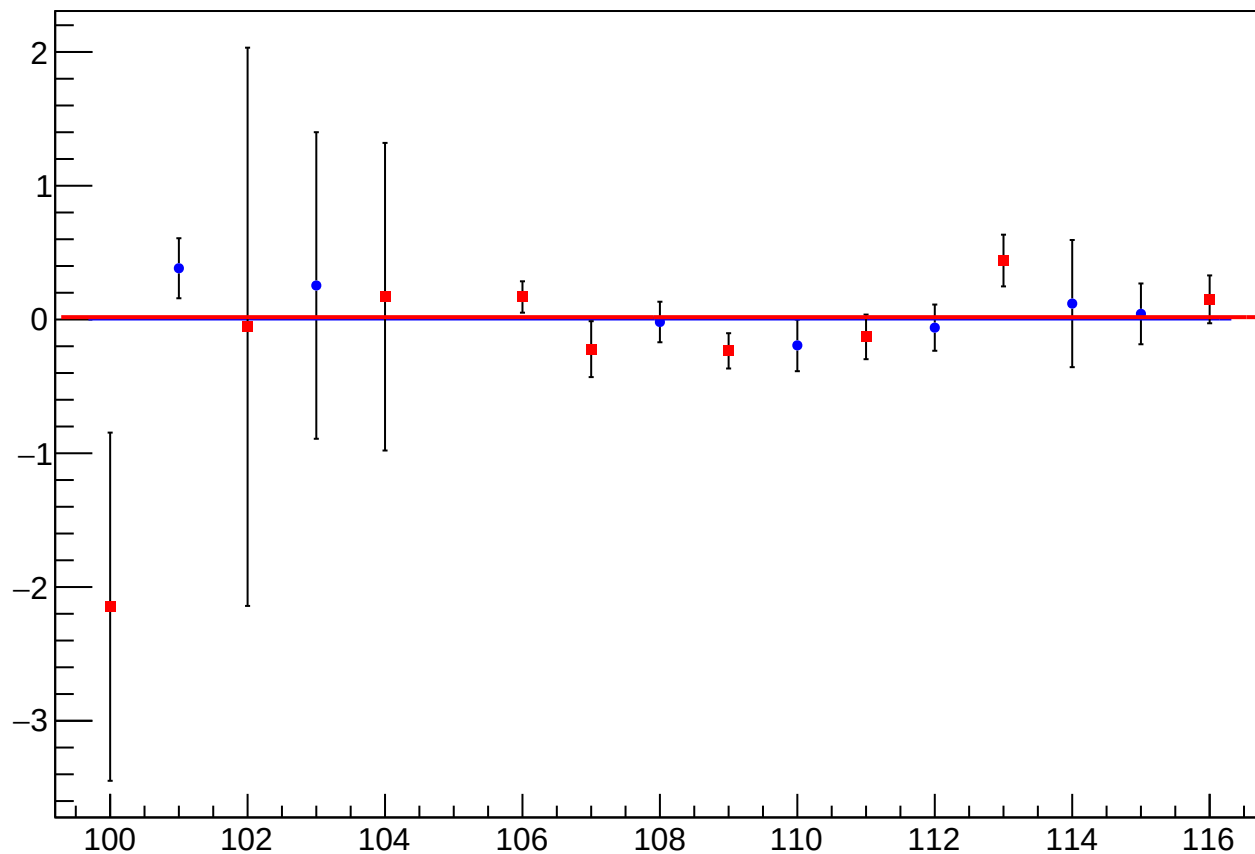
Right: 101.865+/-0.035 χ^2/NDF : 3154467.8/15

In: 118.826+/-0.058 χ^2/NDF : 1141723.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.865+/-0.035 χ^2/NDF : 3154467.8/15

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.082 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.063 χ^2/NDF : 15.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

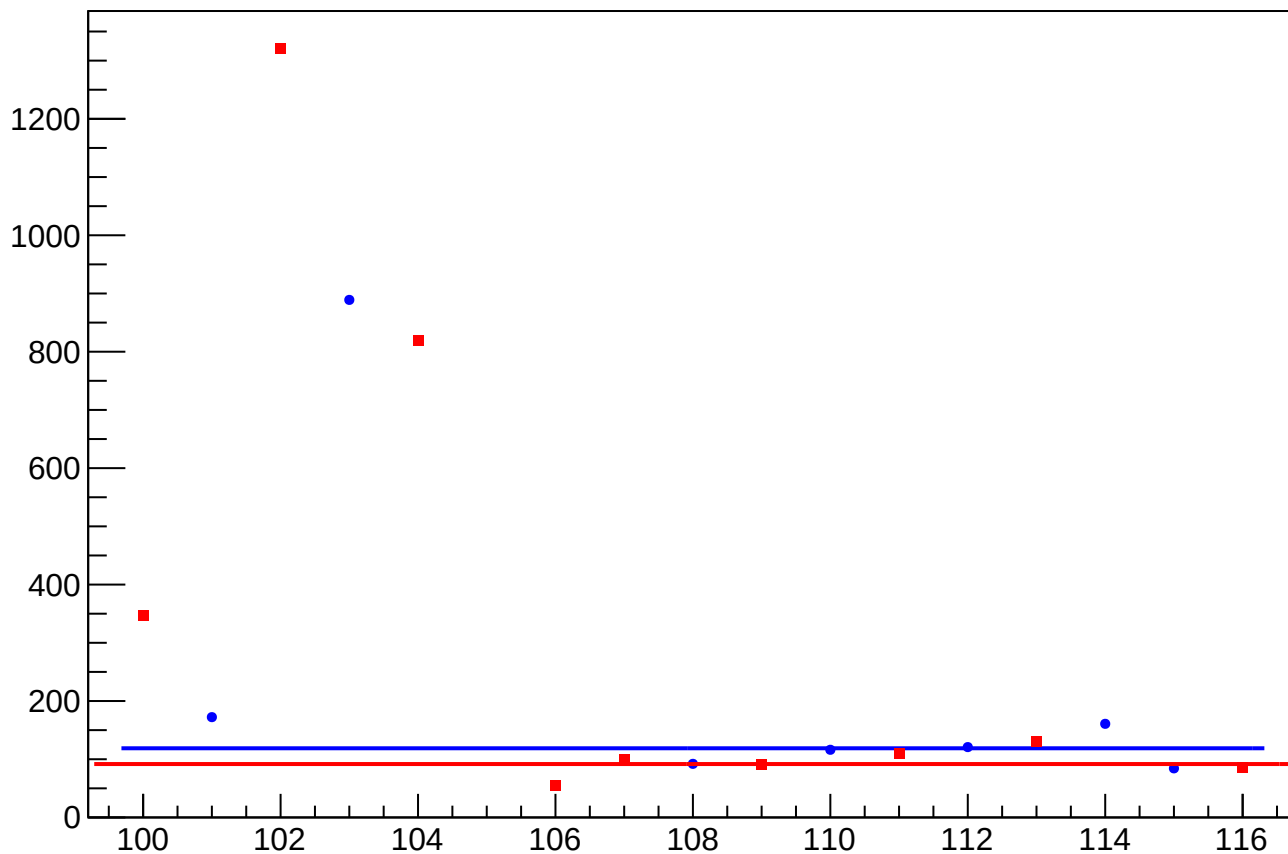
Right: 0.014+/-0.050 χ^2/NDF : 19.7/15

In: 0.008+/-0.082 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.050 χ^2/NDF : 19.7/15

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.826 ± 0.058 χ^2/NDF : 1141723.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 91.749 ± 0.045 χ^2/NDF : 1876543.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

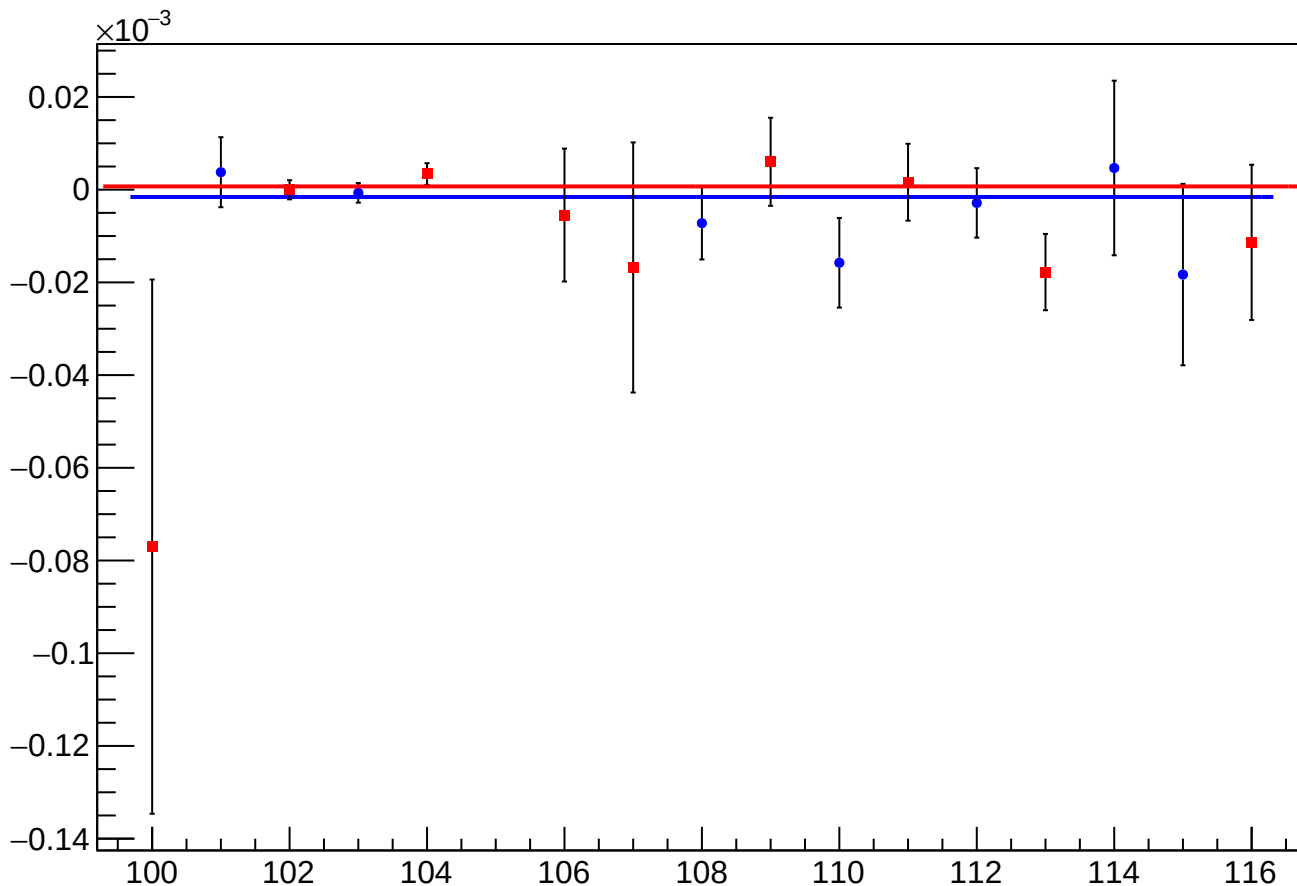
Right: 101.865 ± 0.035 χ^2/NDF : 3154467.8/15

In: 118.826 ± 0.058 χ^2/NDF : 1141723.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 101.865 ± 0.035 χ^2/NDF : 3154467.8/15

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 : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

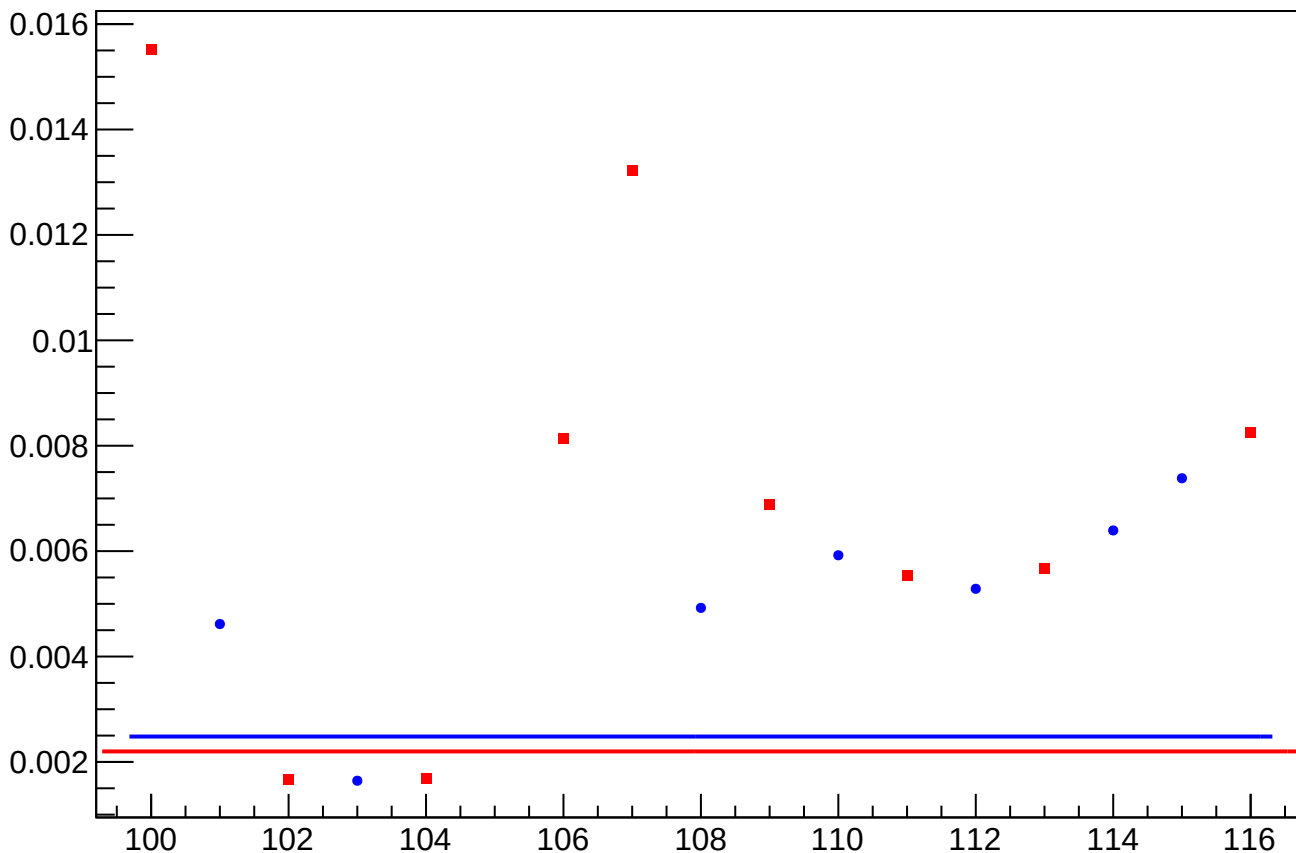
Right: -0.000+/-0.000 χ^2/NDF : 14.9/15

In: -0.000+/-0.000 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/15

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 : 1413183.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2444249.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

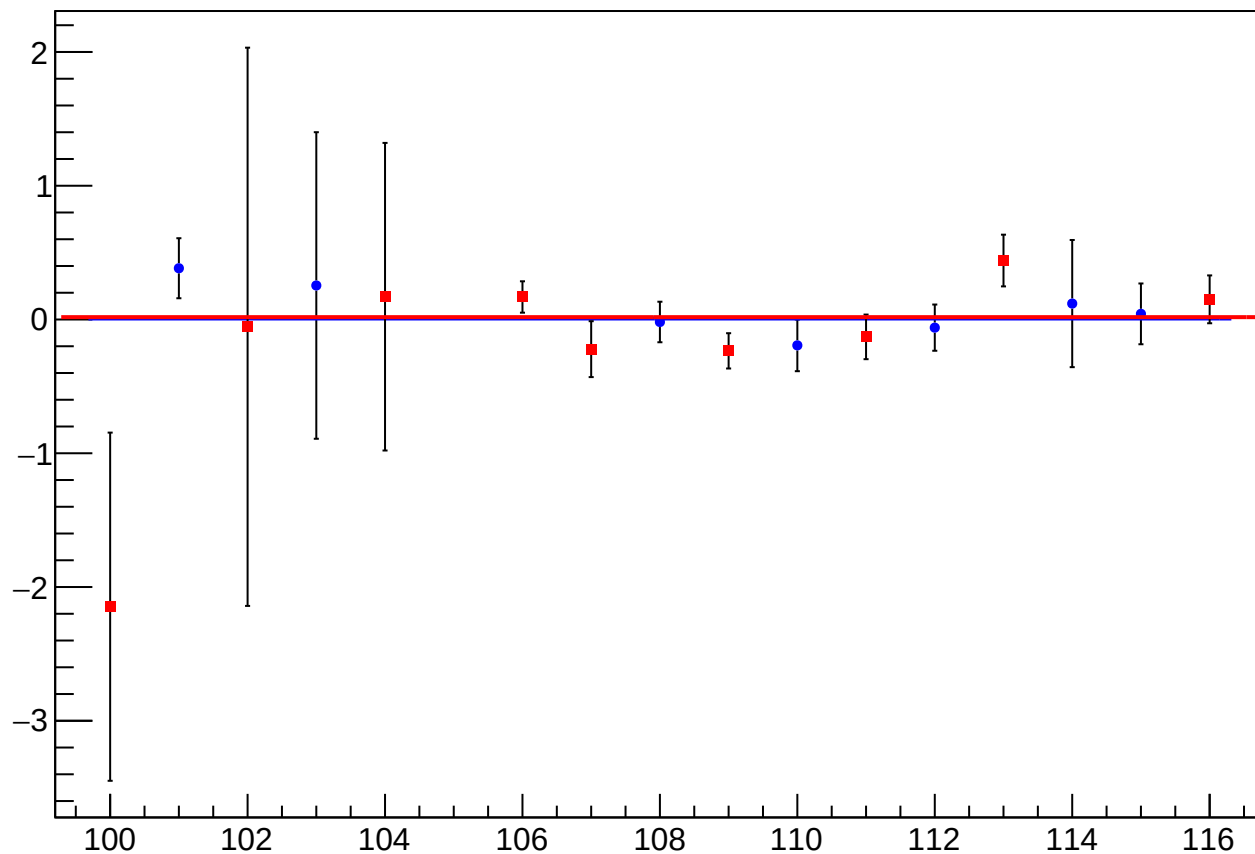
Right: 0.002+/-0.000 χ^2/NDF : 3886053.9/15

In: 0.002+/-0.000 χ^2/NDF :1413183.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3886053.9/15

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.082 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.063 χ^2/NDF : 15.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

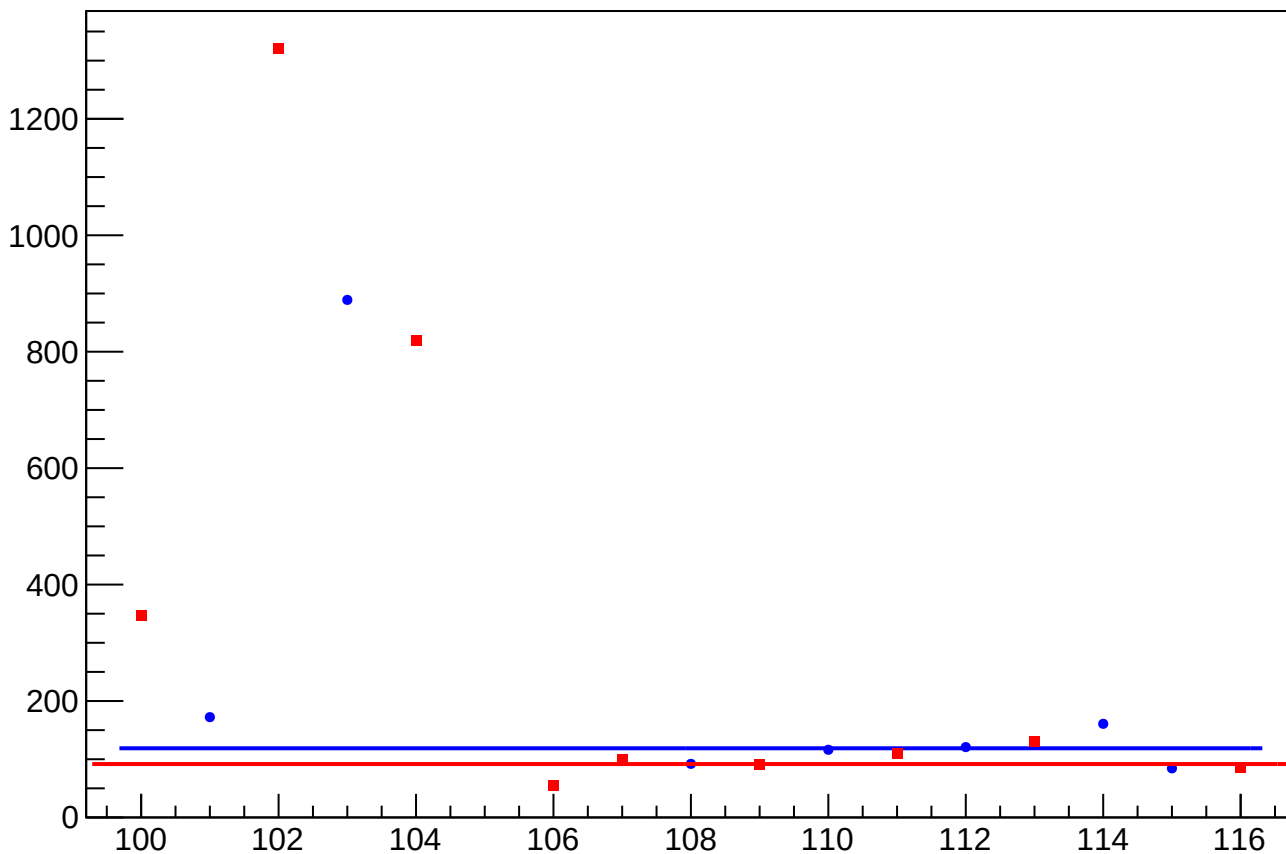
Right: 0.014+/-0.050 χ^2/NDF : 19.7/15

In: 0.008+/-0.082 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.050 χ^2/NDF : 19.7/15

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.828+/-0.058 χ^2/NDF : 1141698.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.748+/-0.045 χ^2/NDF : 1876606.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

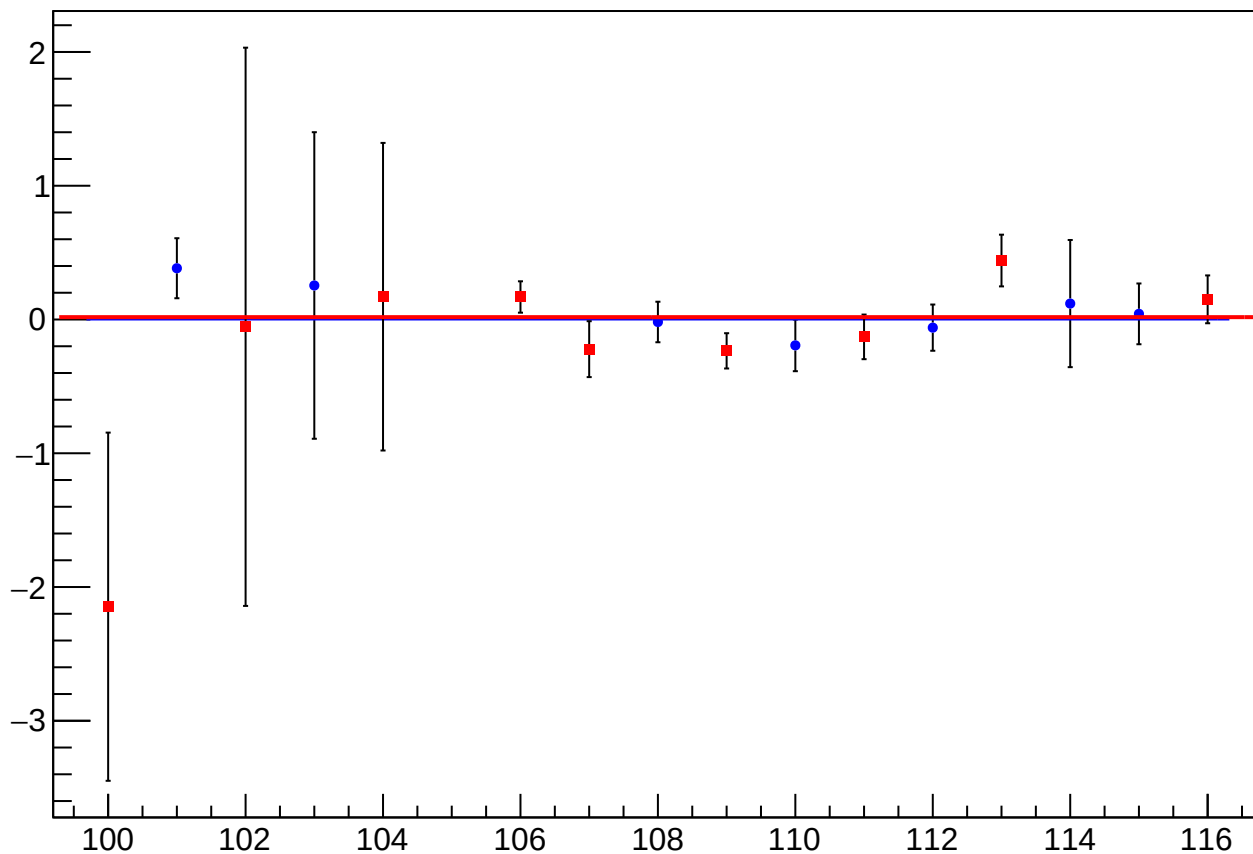
Right: 101.864+/-0.035 χ^2/NDF : 3154541.1/15

In: 118.828+/-0.058 χ^2/NDF : 1141698.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.864+/-0.035 χ^2/NDF : 3154541.1/15

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.082 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.063 χ^2/NDF : 15.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

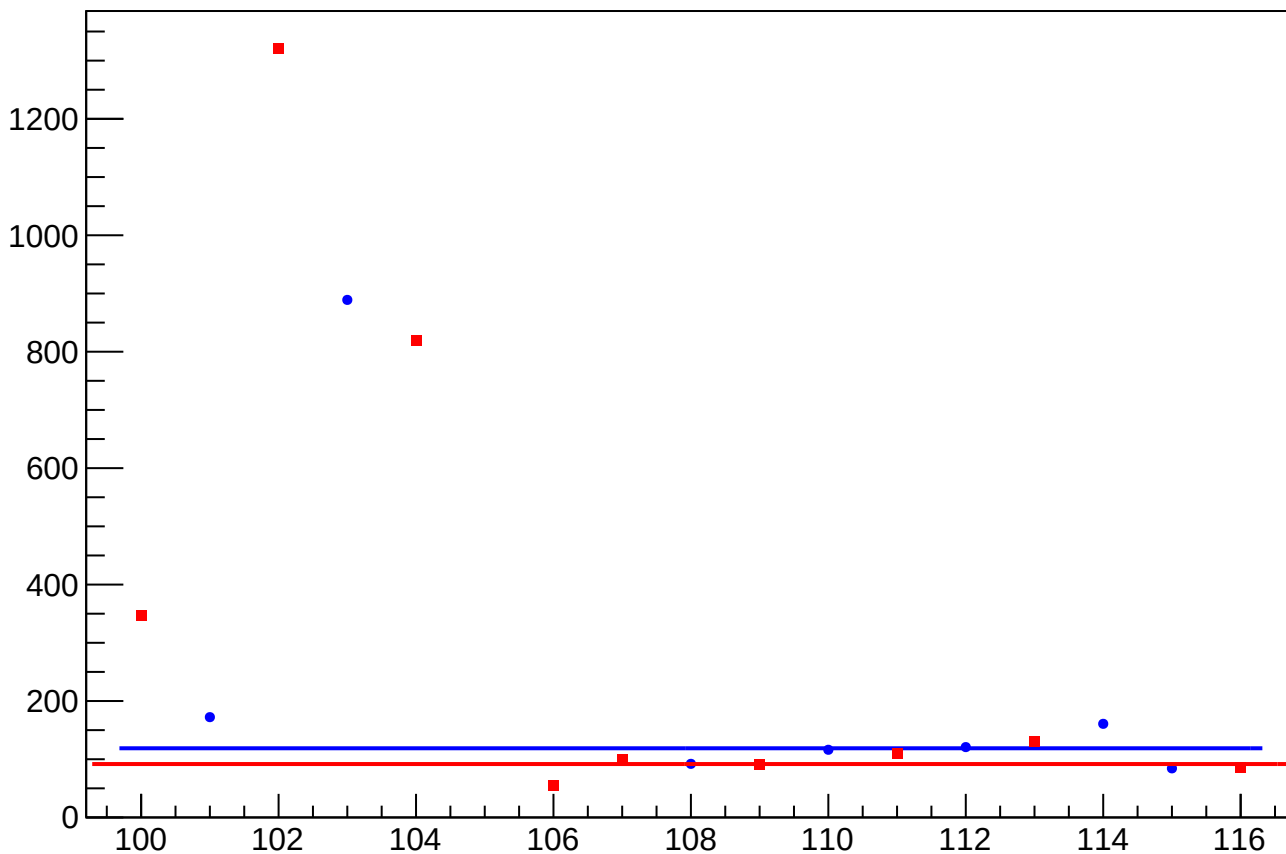
Right: 0.014+/-0.050 χ^2/NDF : 19.7/15

In: 0.008+/-0.082 χ^2/NDF :4.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.050 χ^2/NDF : 19.7/15

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.828+/-0.058 χ^2/NDF : 1141698.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.748+/-0.045 χ^2/NDF : 1876606.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

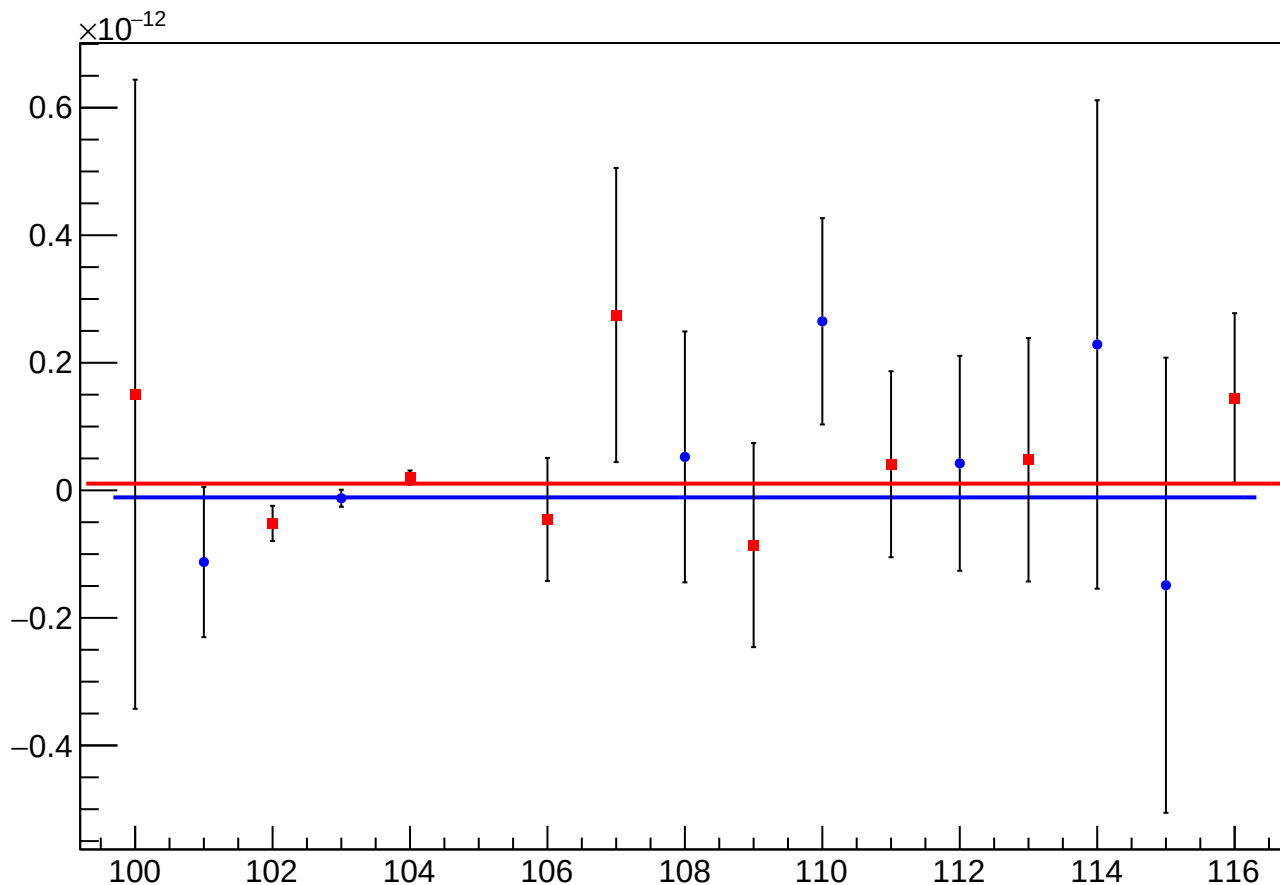
Right: 101.864+/-0.035 χ^2/NDF : 3154541.1/15

In: 118.828+/-0.058 χ^2/NDF : 1141698.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.864+/-0.035 χ^2/NDF : 3154541.1/15

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 : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

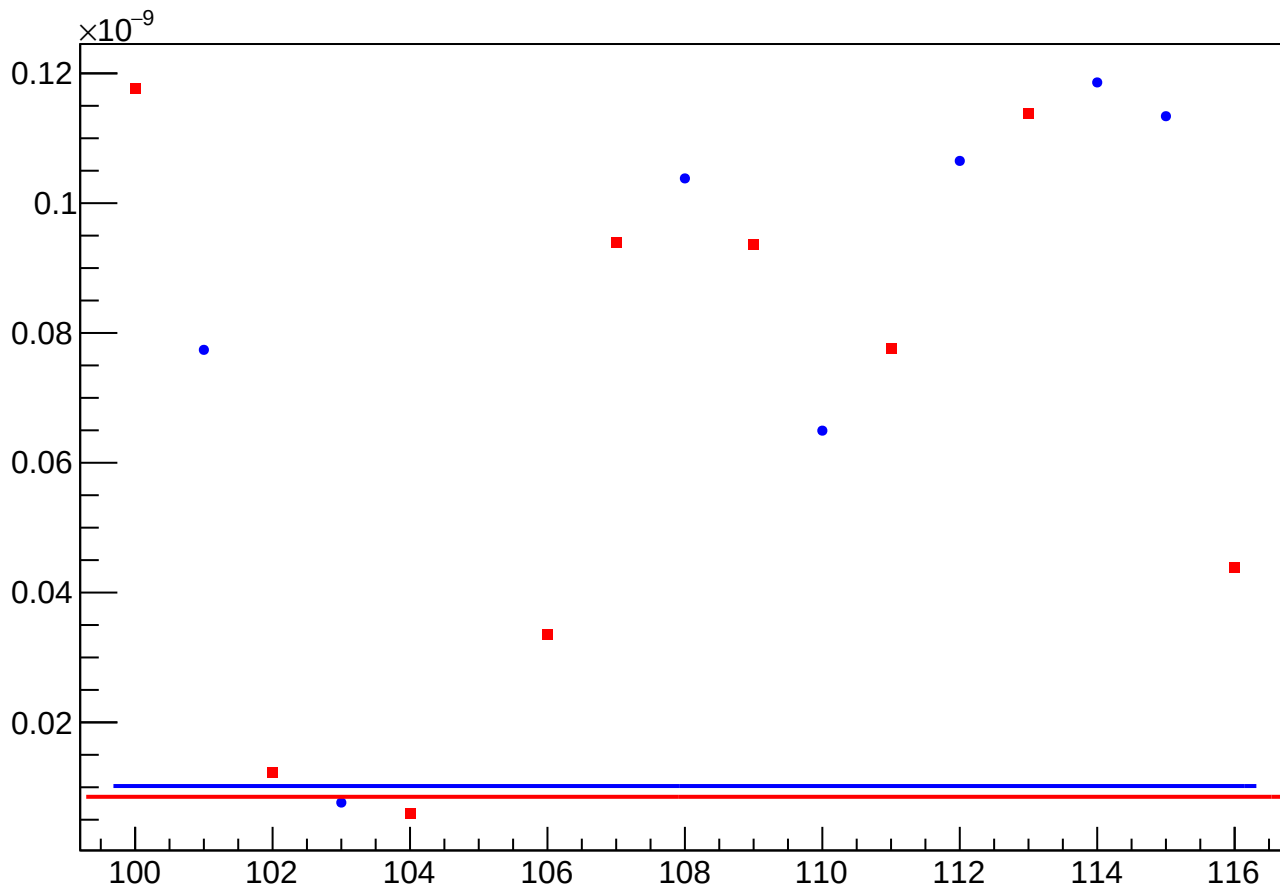
Right: 0.000+/-0.000 χ^2/NDF : 15.1/15

In: -0.000+/-0.000 χ^2/NDF :4.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.1/15

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 : 2386717.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2420360.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

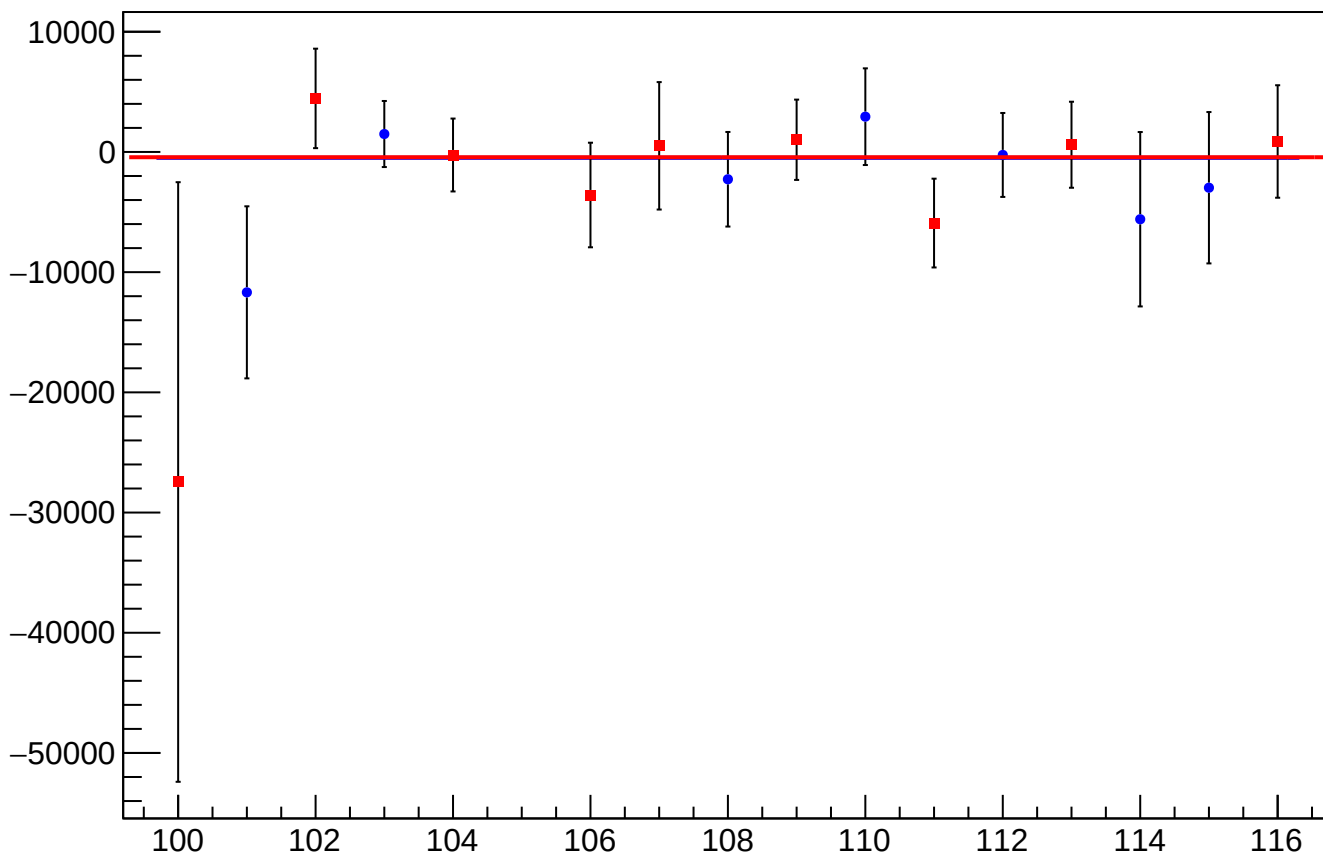
Right: 0.000+/-0.000 χ^2/NDF : 4827061.2/15

In: 0.000+/-0.000 χ^2/NDF : 2386717.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4827061.2/15

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -488.123+/-1572.221 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -439.294+/-1355.939 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

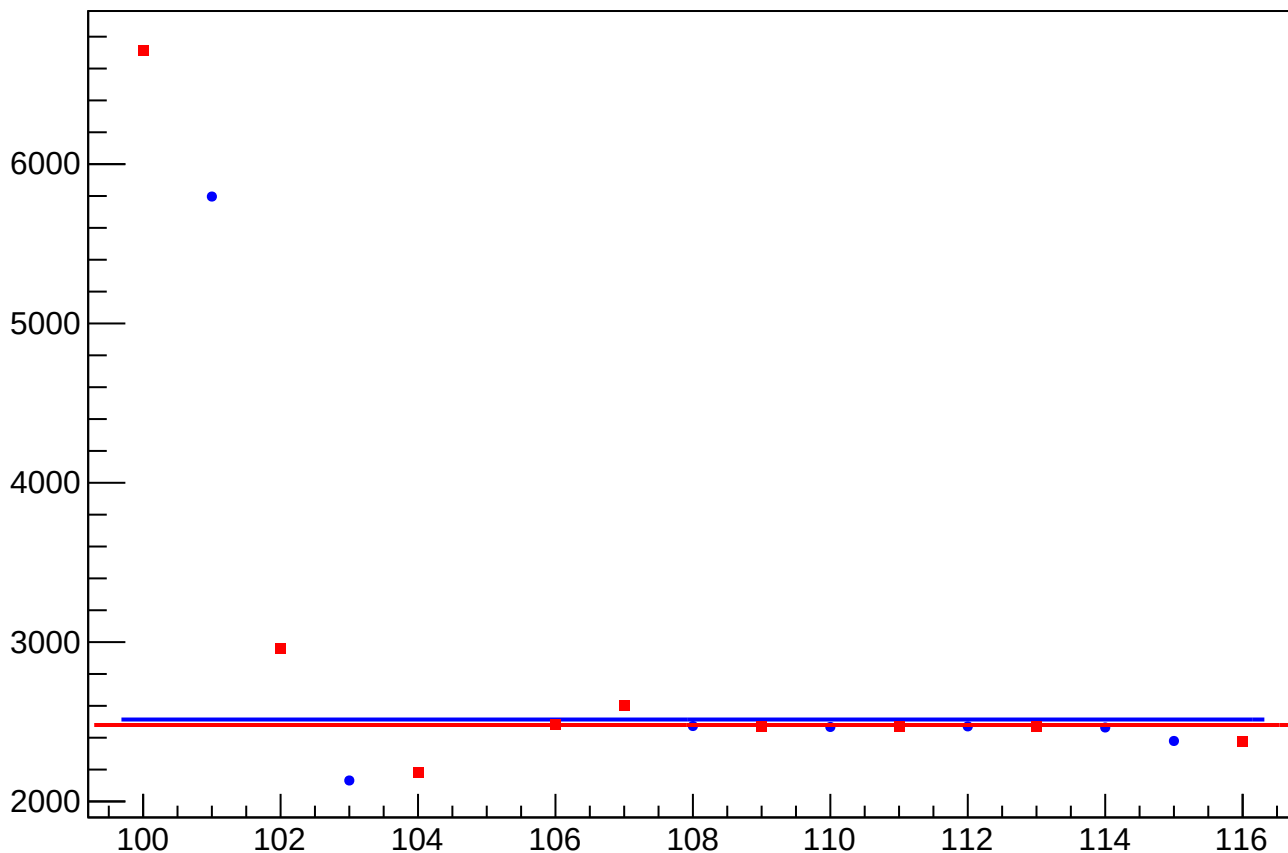
Right: -460.121+/-1026.816 χ^2/NDF : 10.2/15

In: -488.123+/-1572.221 χ^2/NDF :4.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -460.121+/-1026.816 χ^2/NDF : 10.2/15

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2514.195+/-1.112 χ^2/NDF : 461153.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2479.805+/-0.959 χ^2/NDF : 105720.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

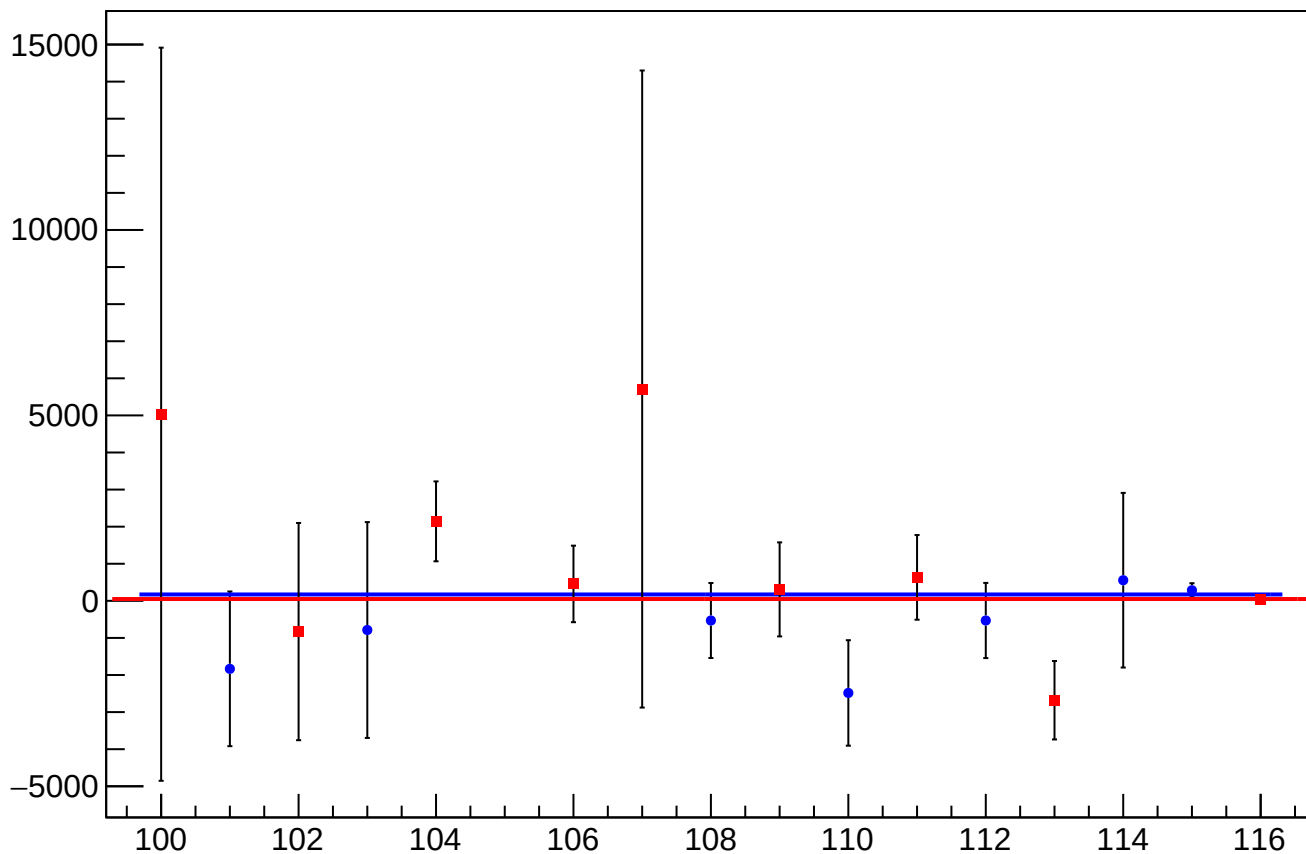
Right: 2494.473+/-0.726 χ^2/NDF : 567422.2/15

In: 2514.195+/-1.112 χ^2/NDF : 461153.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2494.473+/-0.726 χ^2/NDF : 567422.2/15

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 171.838 $\pm$ 179.697 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.020 $\pm$ 121.525 χ^2 /NDF: 11.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

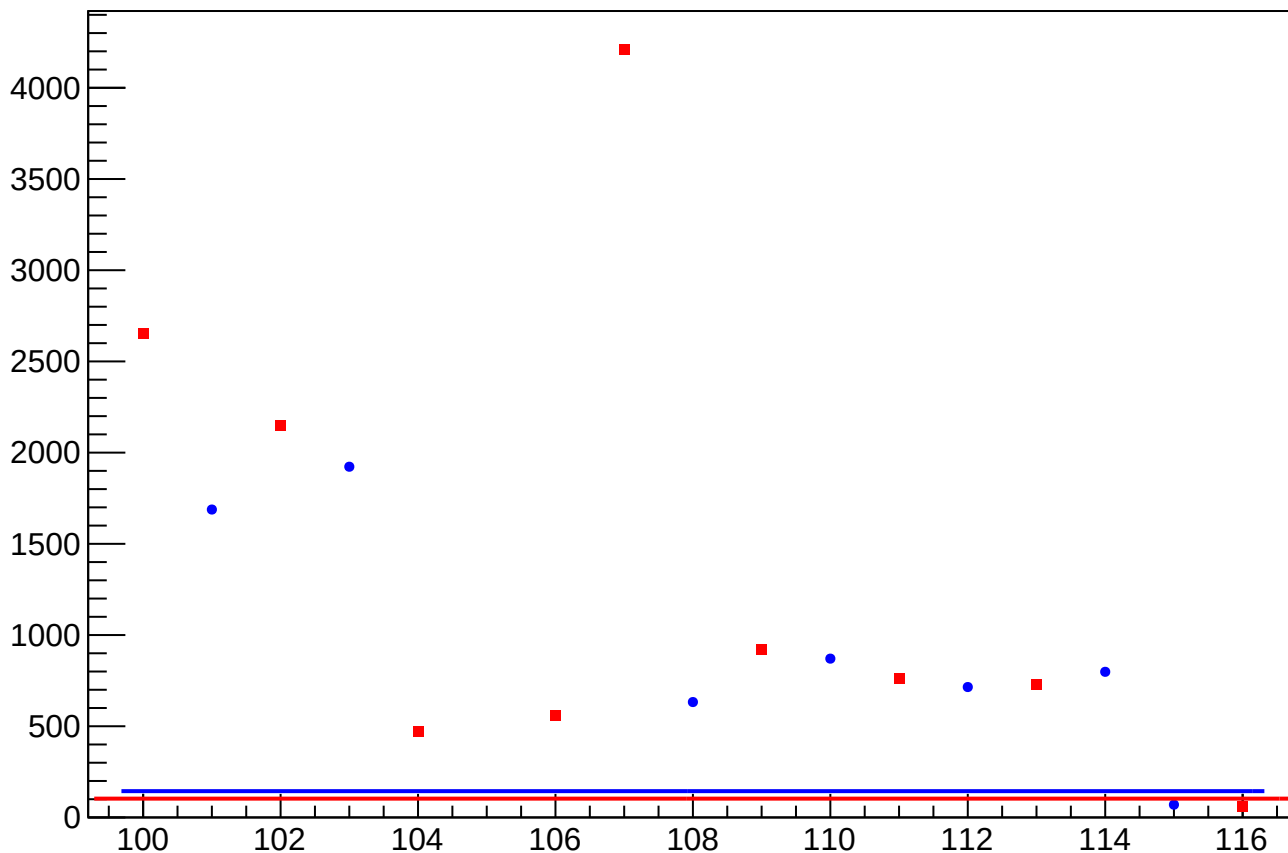
Right: 87.563 $\pm$ 100.666 χ^2 /NDF: 17.9/15

In: 171.838 $\pm$ 179.697 χ^2 /NDF: 5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.563 $\pm$ 100.666 χ^2 /NDF: 17.9/15

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 144.246+/-0.127 χ^2/NDF : 3928870.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.197+/-0.086 χ^2/NDF : 4607287.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

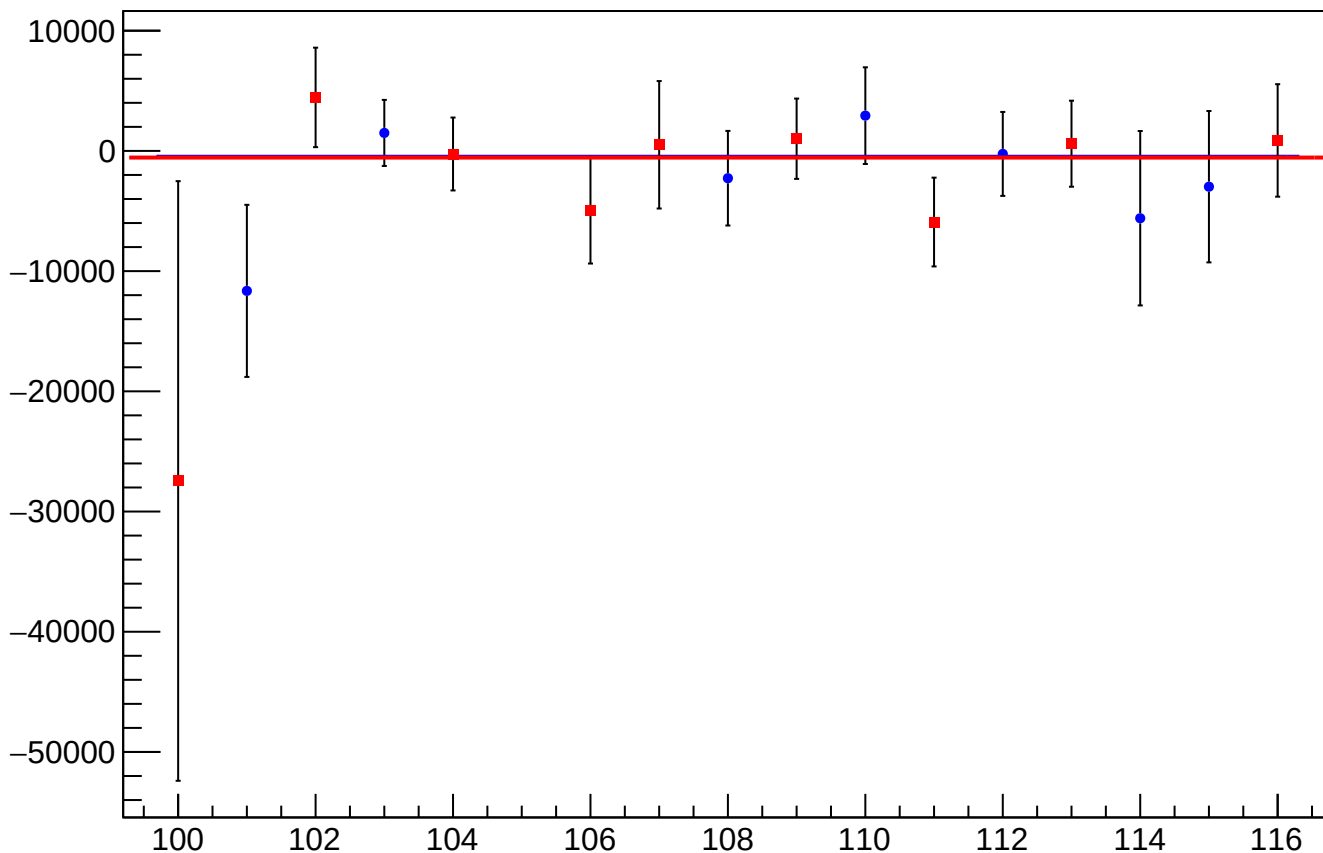
Right: 116.079+/-0.071 χ^2/NDF : 8607771.0/15

In: 144.246+/-0.127 χ^2/NDF : 3928870.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.079+/-0.071 χ^2/NDF : 8607771.0/15

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -485.171+/-1572.222 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -553.480+/-1358.680 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

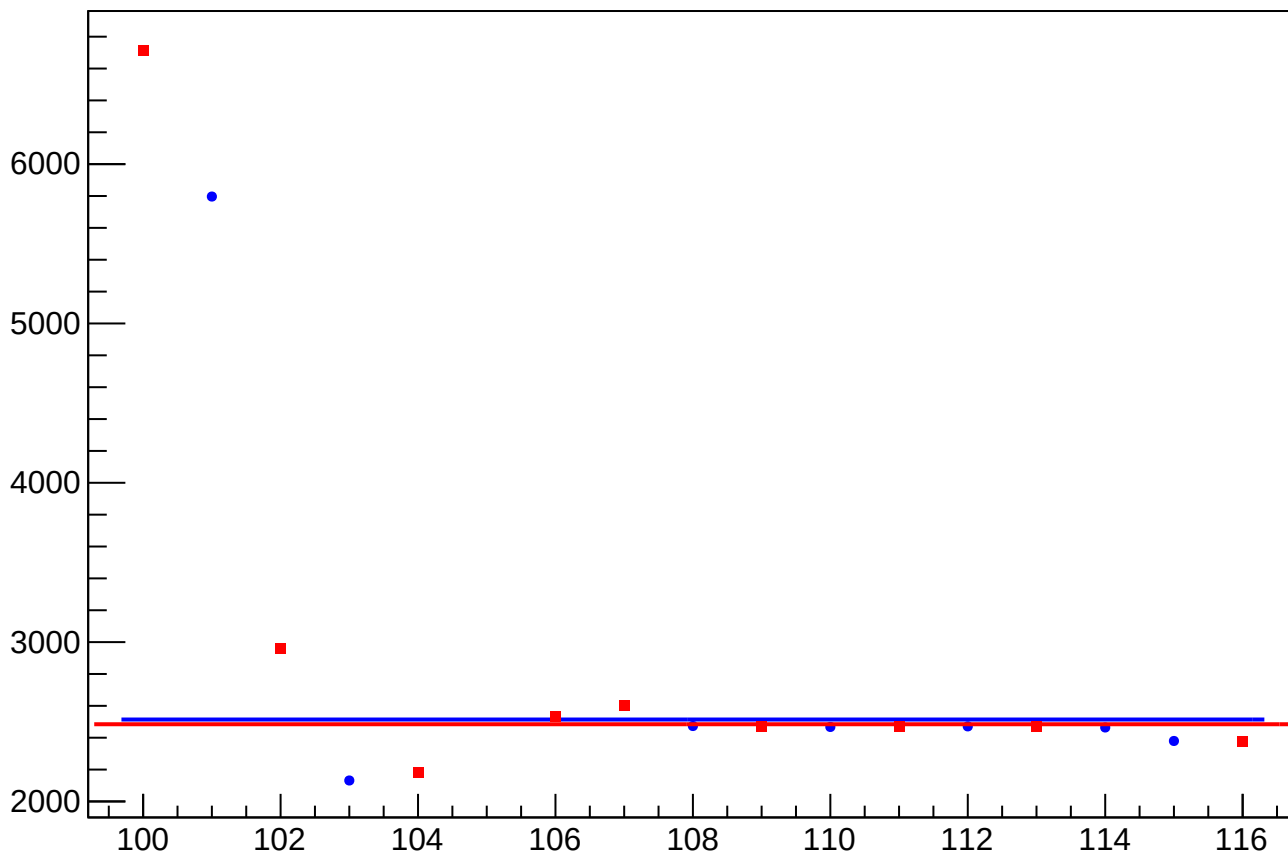
Right: -524.276+/-1028.005 χ^2/NDF : 10.7/15

In: -485.171+/-1572.222 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -524.276+/-1028.005 χ^2/NDF : 10.7/15

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2514.195+/-1.112 χ^2/NDF : 461153.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2484.529+/-0.961 χ^2/NDF : 105997.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

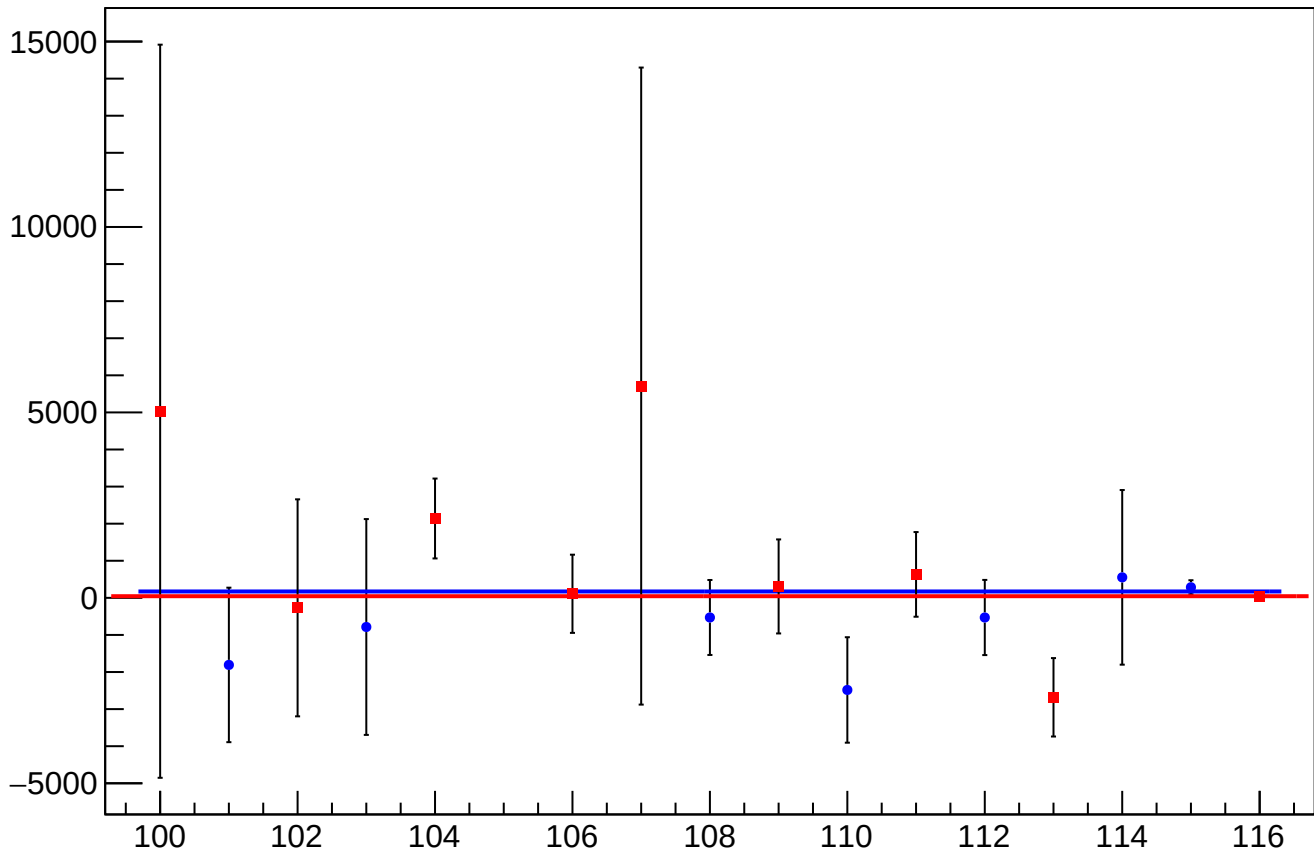
Right: 2497.212+/-0.727 χ^2/NDF : 567558.7/15

In: 2514.195+/-1.112 χ^2/NDF : 461153.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.212+/-0.727 χ^2/NDF : 567558.7/15

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 172.098 $\pm$ 179.760 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.400 $\pm$ 121.316 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

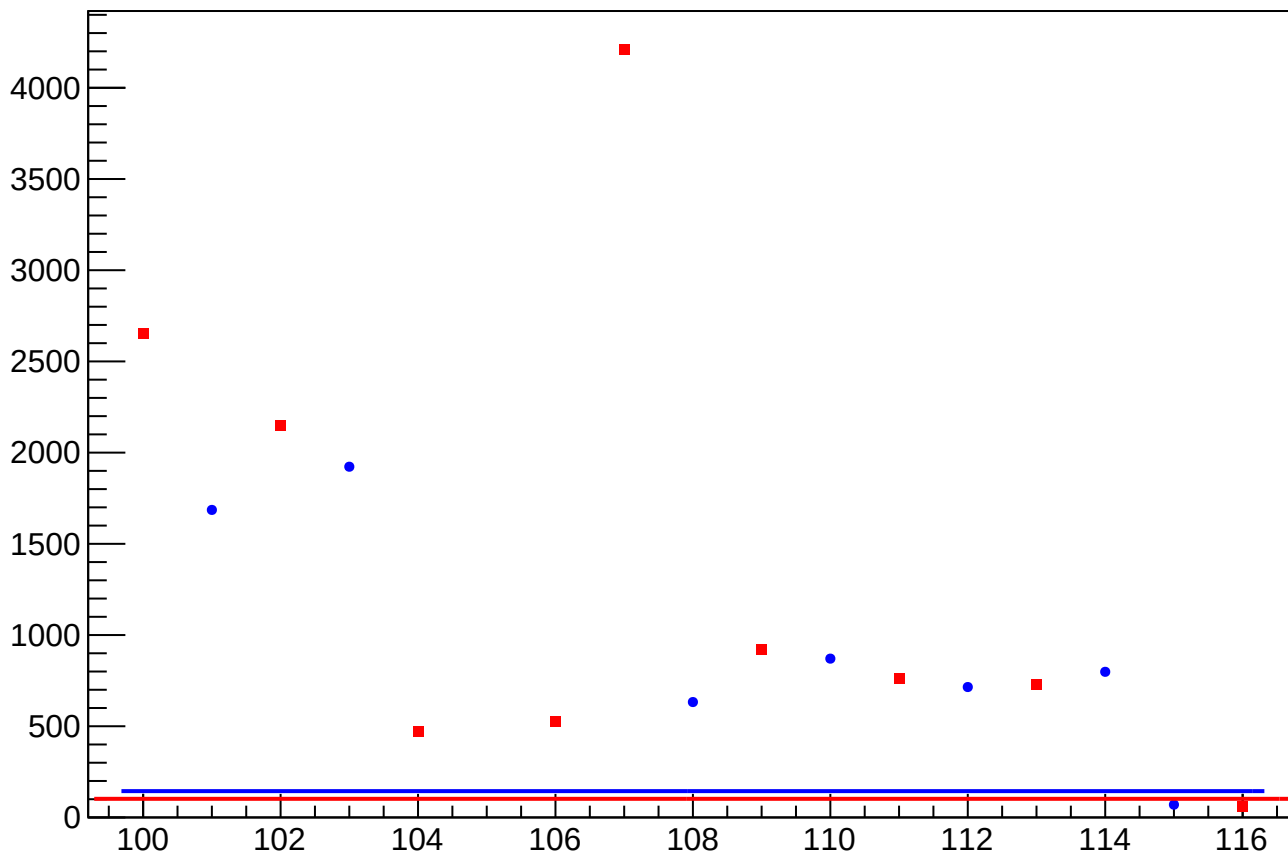
Right: 84.361 $\pm$ 100.558 χ^2 /NDF: 17.6/15

In: 172.098 $\pm$ 179.760 χ^2 /NDF:5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.361 $\pm$ 100.558 χ^2 /NDF: 17.6/15

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 144.337+/-0.127 χ^2/NDF : 3928128.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.154+/-0.086 χ^2/NDF : 4545695.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

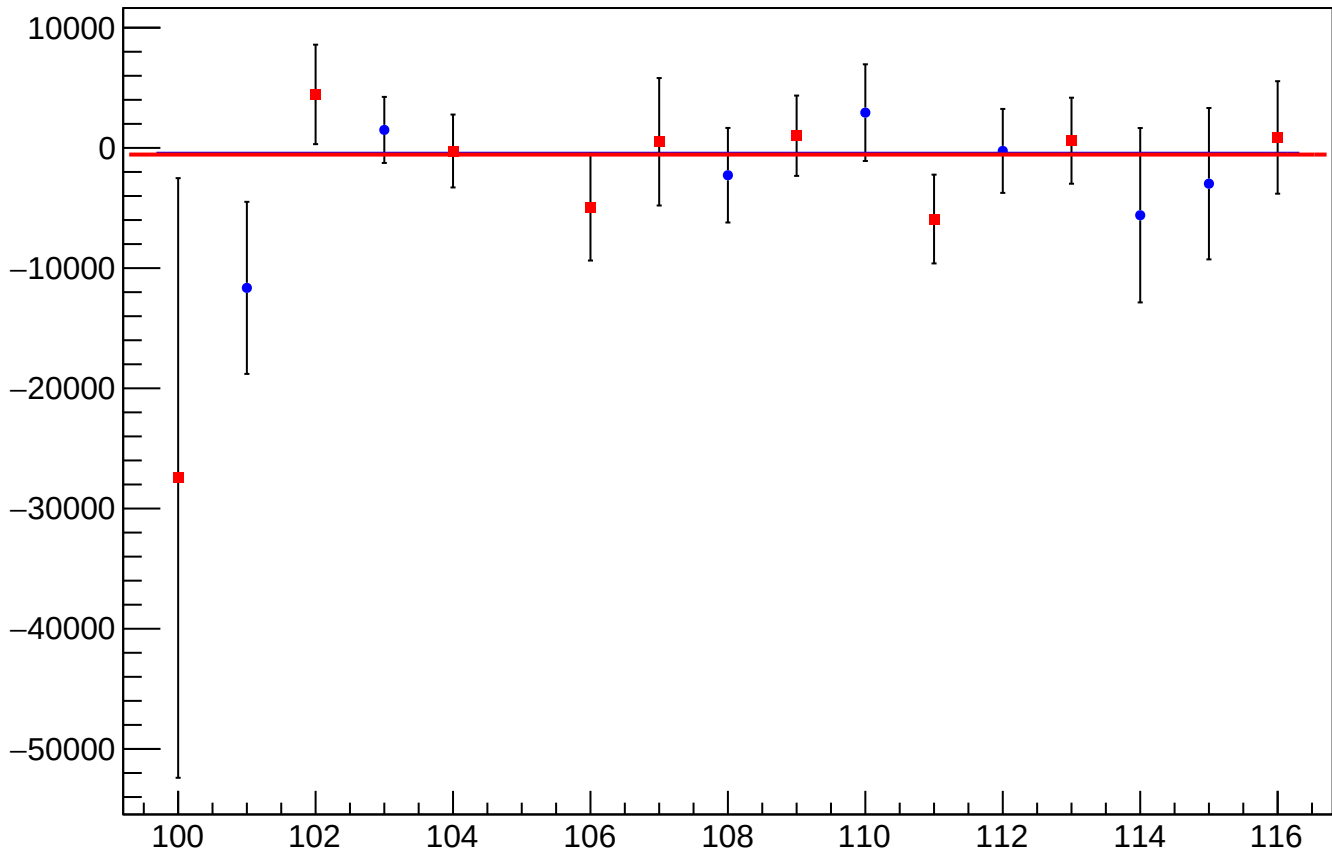
Right: 115.354+/-0.071 χ^2/NDF : 8549492.2/15

In: 144.337+/-0.127 χ^2/NDF : 3928128.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.354+/-0.071 χ^2/NDF : 8549492.2/15

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -485.171+/-1572.222 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -553.480+/-1358.680 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

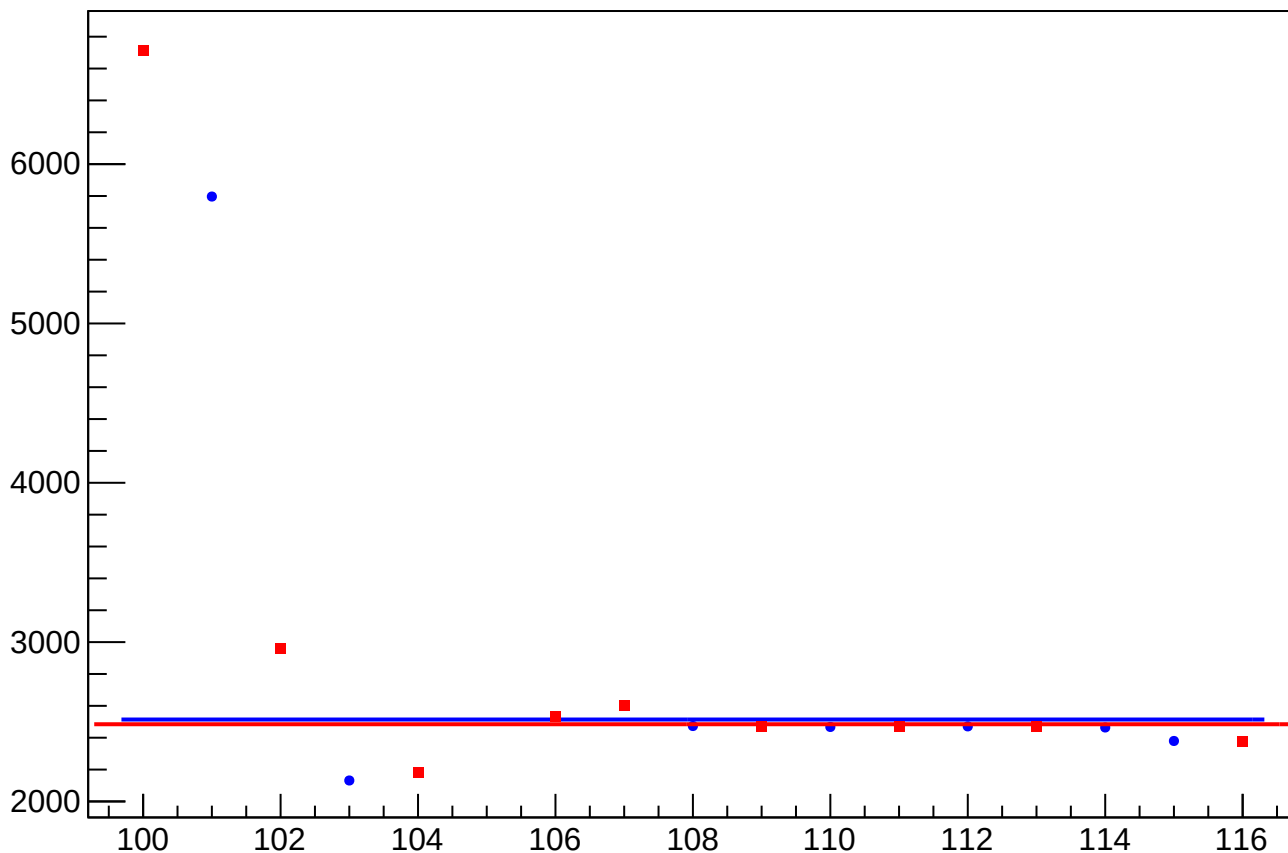
Right: -524.276+/-1028.005 χ^2/NDF : 10.7/15

In: -485.171+/-1572.222 χ^2/NDF :4.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -524.276+/-1028.005 χ^2/NDF : 10.7/15

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2514.195+/-1.112 χ^2/NDF : 461153.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2484.529+/-0.961 χ^2/NDF : 105997.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

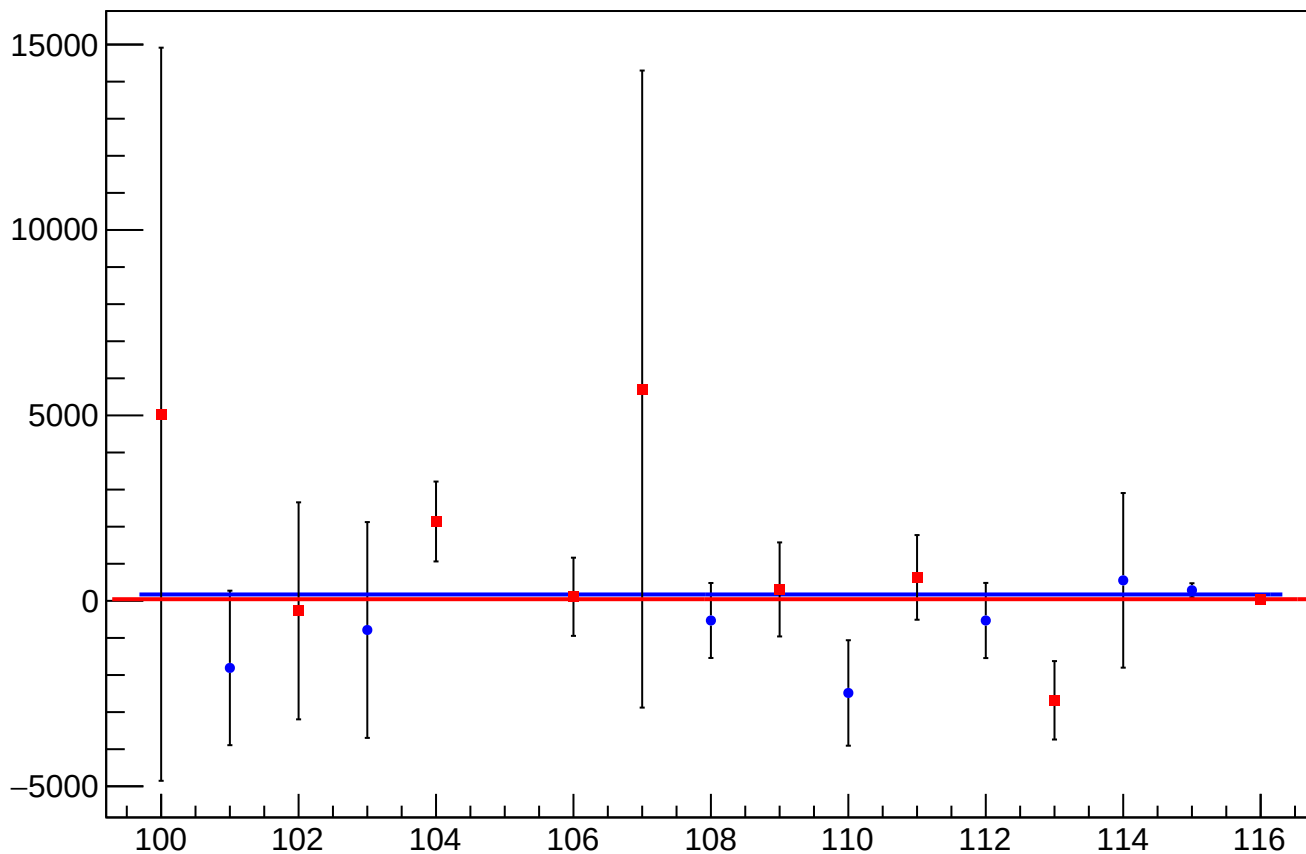
Right: 2497.212+/-0.727 χ^2/NDF : 567558.7/15

In: 2514.195+/-1.112 χ^2/NDF : 461153.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.212+/-0.727 χ^2/NDF : 567558.7/15

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 172.098+/-179.760 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.400+/-121.316 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

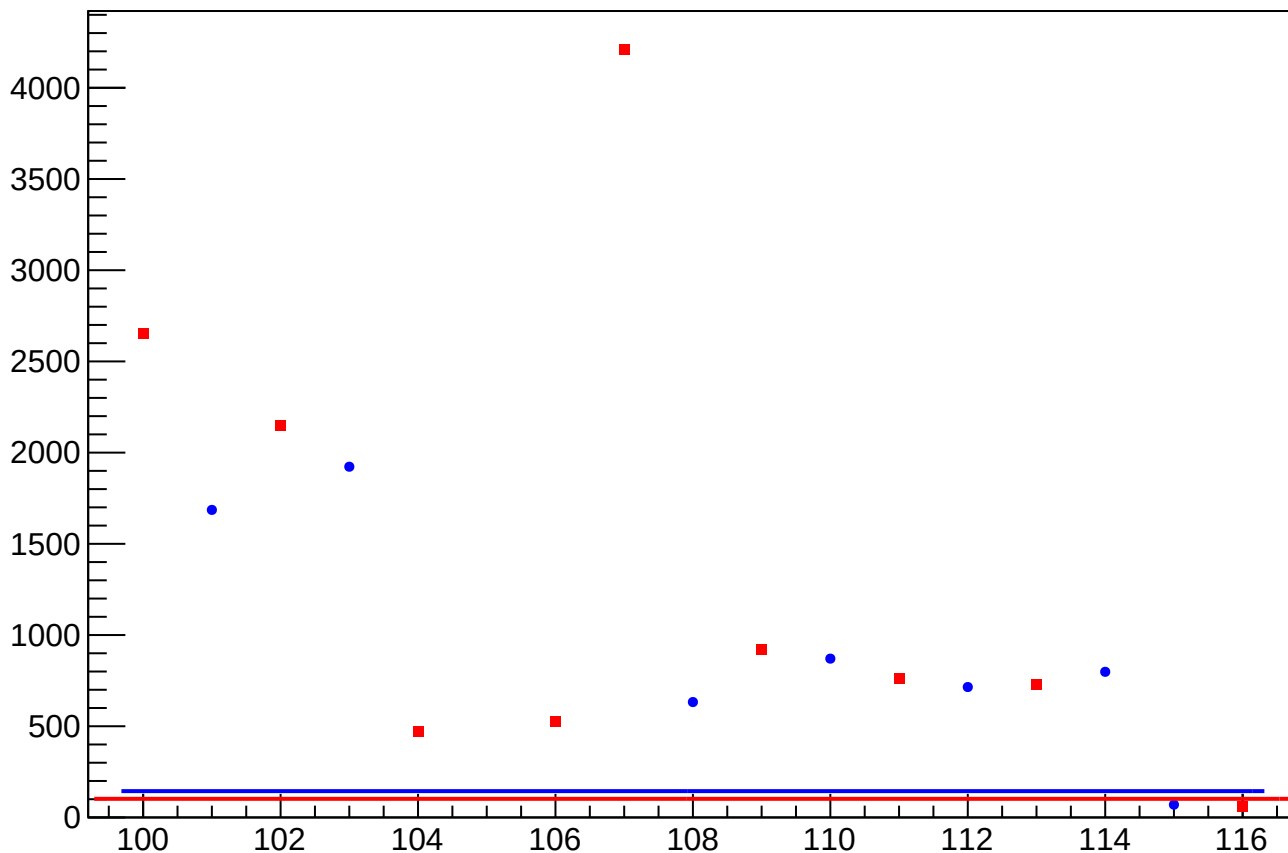
Right: 84.361+/-100.558 χ^2/NDF : 17.6/15

In: 172.098+/-179.760 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.361+/-100.558 χ^2/NDF : 17.6/15

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 144.337 $\pm$ 0.127 χ^2 /NDF: 3928128.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.154 $\pm$ 0.086 χ^2 /NDF: 4545695.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

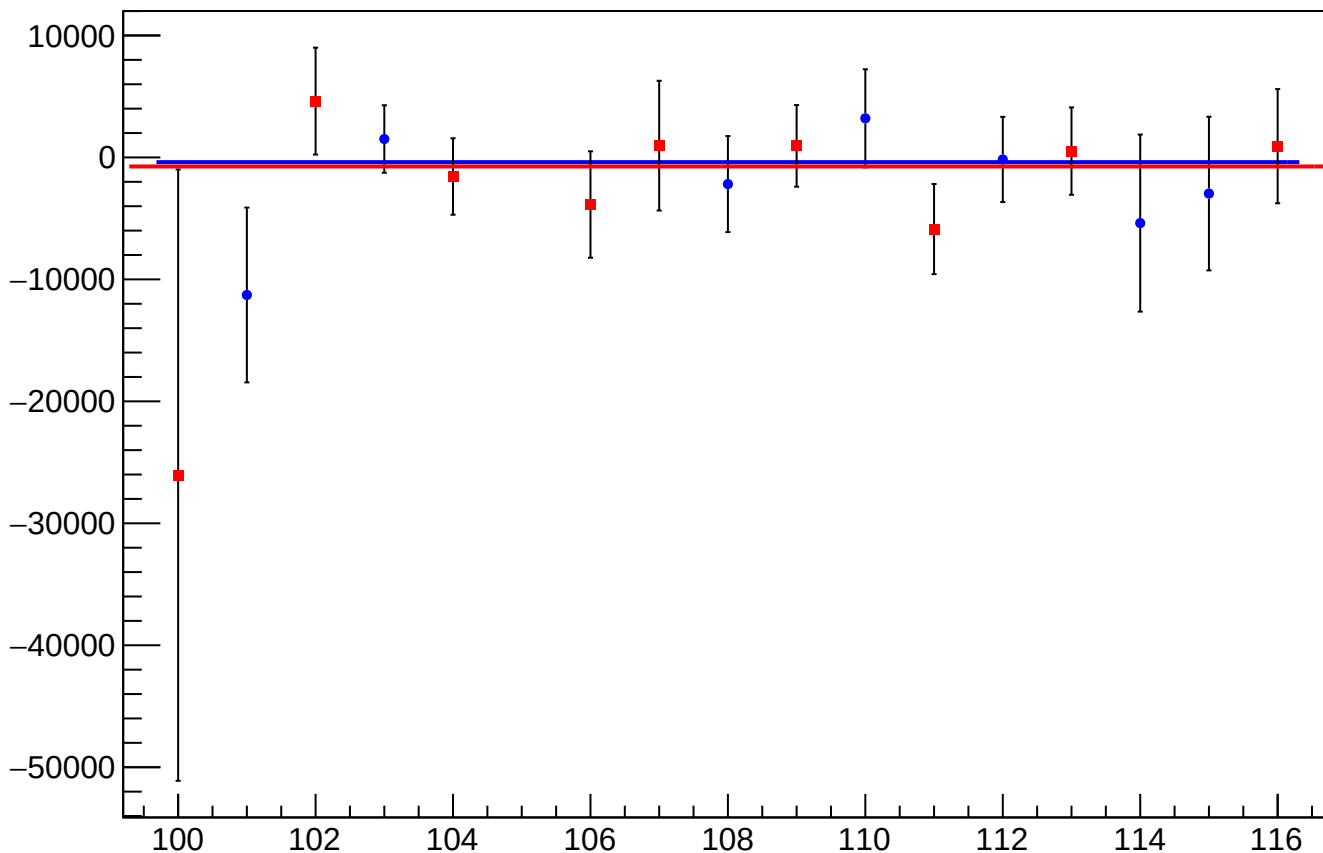
Right: 115.354 $\pm$ 0.071 χ^2 /NDF: 8549492.2/15

In: 144.337 $\pm$ 0.127 χ^2 /NDF:3928128.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.354 $\pm$ 0.071 χ^2 /NDF: 8549492.2/15

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -386.419+/-1576.130 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -740.257+/-1374.273 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

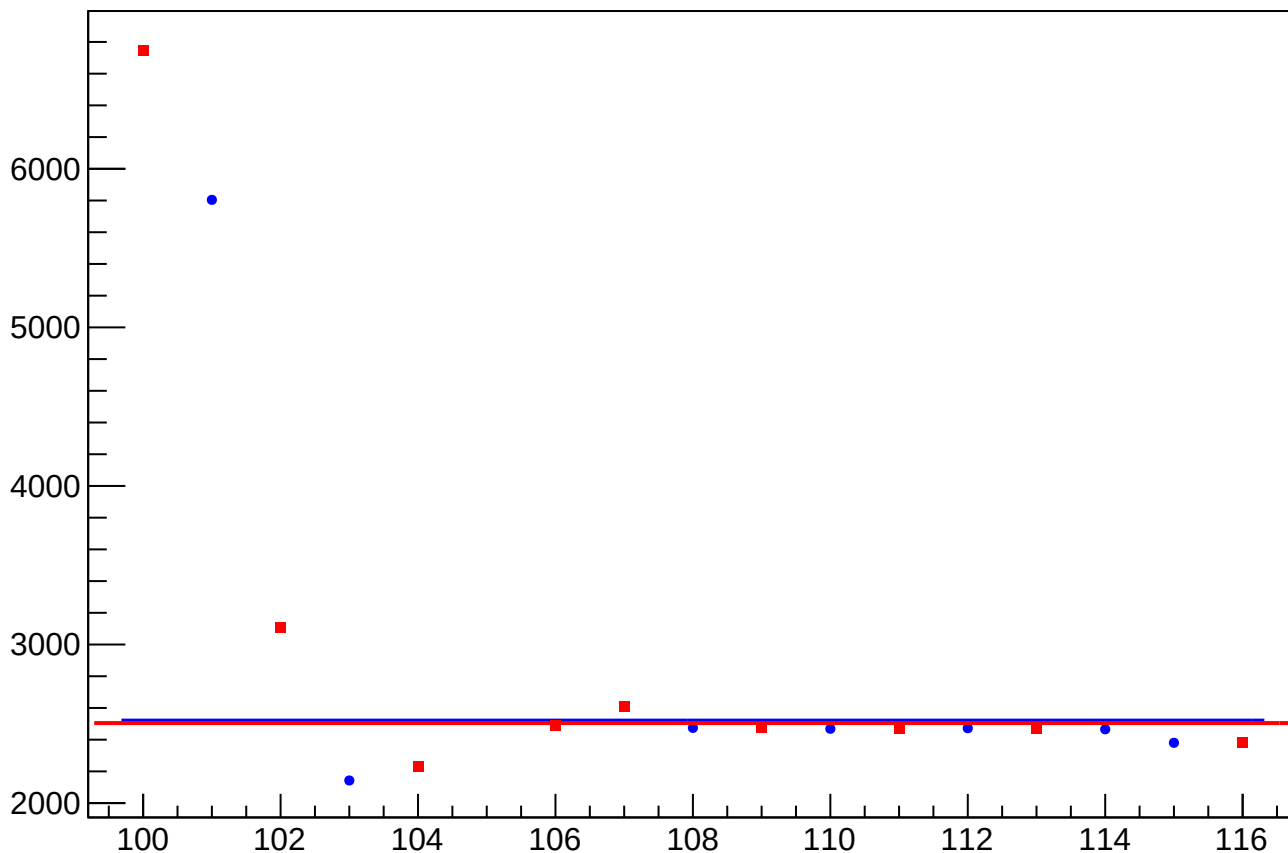
Right: -587.434+/-1035.821 χ^2/NDF : 10.1/15

In: -386.419+/-1576.130 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -587.434+/-1035.821 χ^2/NDF : 10.1/15

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2520.084+/-1.114 χ^2/NDF : 459211.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2504.731+/-0.972 χ^2/NDF : 113500.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

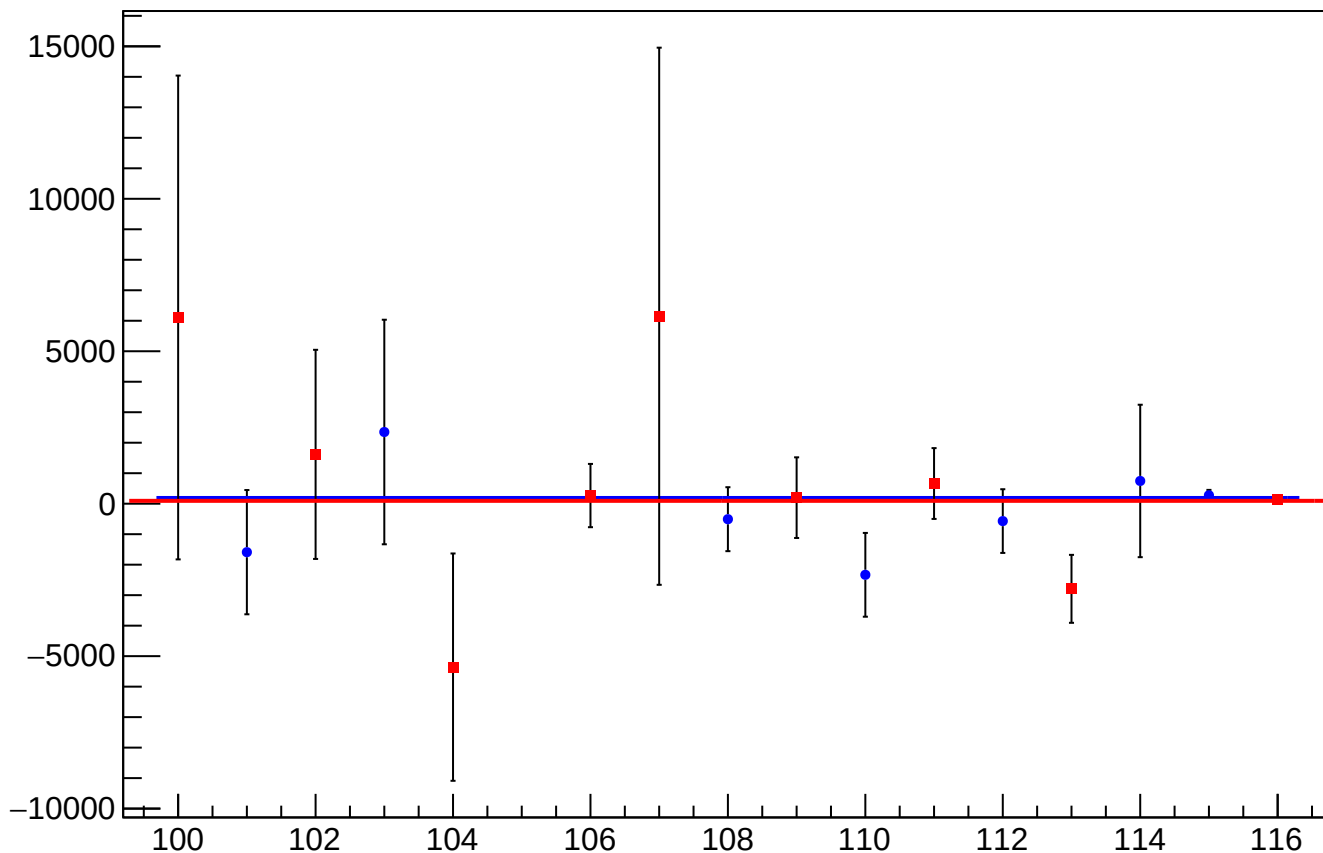
Right: 2511.362+/-0.732 χ^2/NDF : 572820.1/15

In: 2520.084+/-1.114 χ^2/NDF : 459211.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.362+/-0.732 χ^2/NDF : 572820.1/15

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 187.605 $\pm$ 169.317 χ^2 /NDF: 5.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.730 $\pm$ 127.559 χ^2 /NDF: 10.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

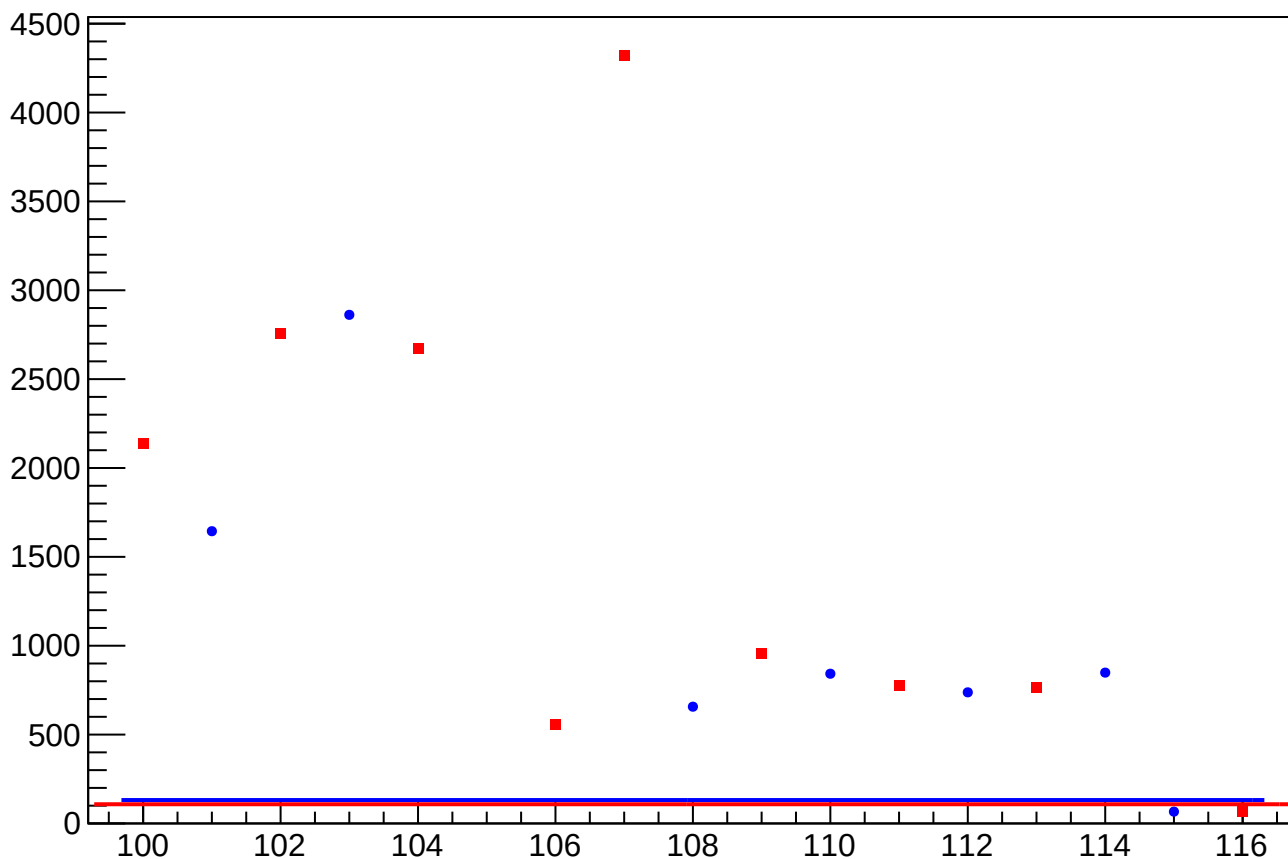
Right: 127.720 $\pm$ 101.882 χ^2 /NDF: 16.4/15

In: 187.605 $\pm$ 169.317 χ^2 /NDF:5.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.720 $\pm$ 101.882 χ^2 /NDF: 16.4/15

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 131.691+/-0.120 χ^2/NDF : 4348891.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.050+/-0.090 χ^2/NDF : 5490063.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

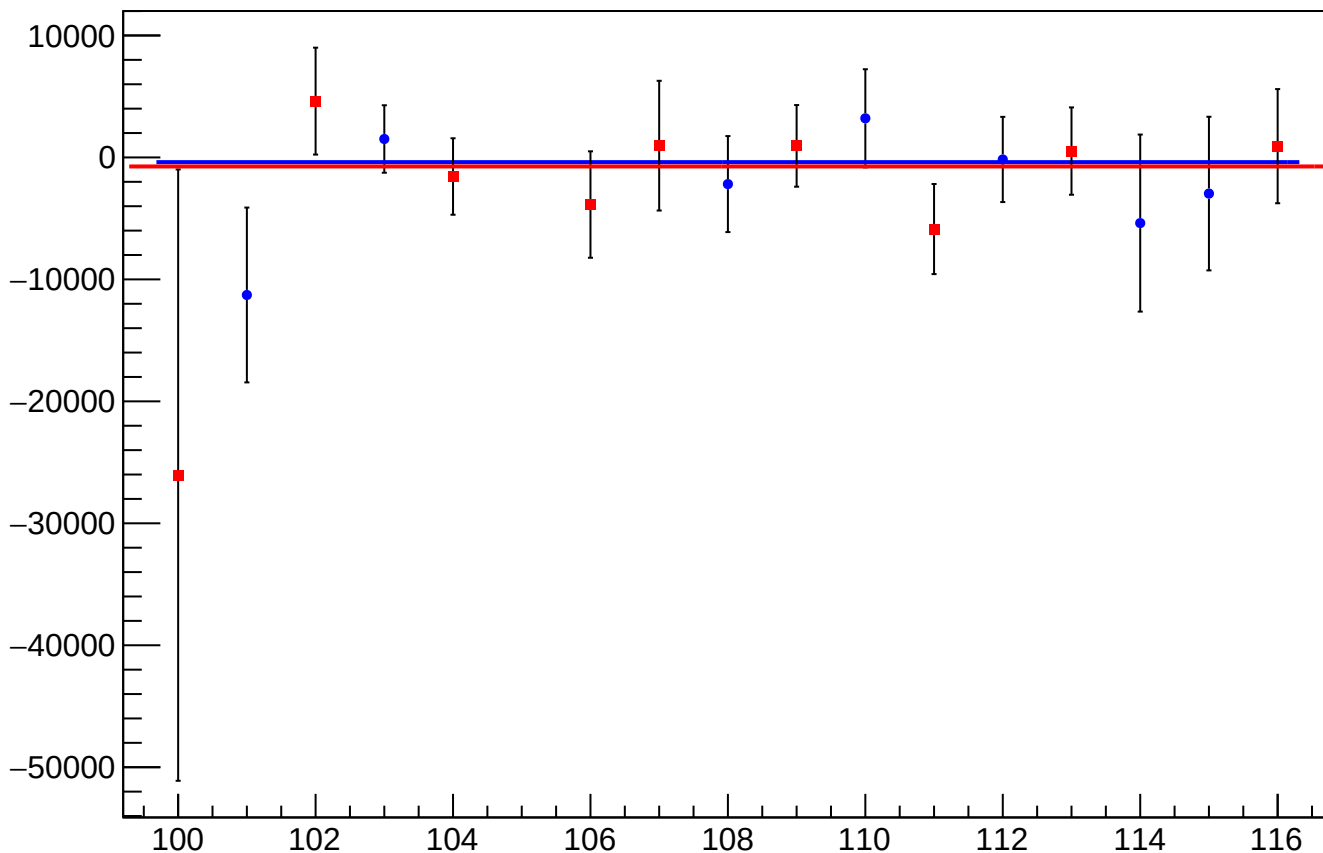
Right: 116.610+/-0.072 χ^2/NDF : 9863827.8/15

In: 131.691+/-0.120 χ^2/NDF : 4348891.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.610+/-0.072 χ^2/NDF : 9863827.8/15

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -386.423+/-1576.129 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -740.261+/-1374.273 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

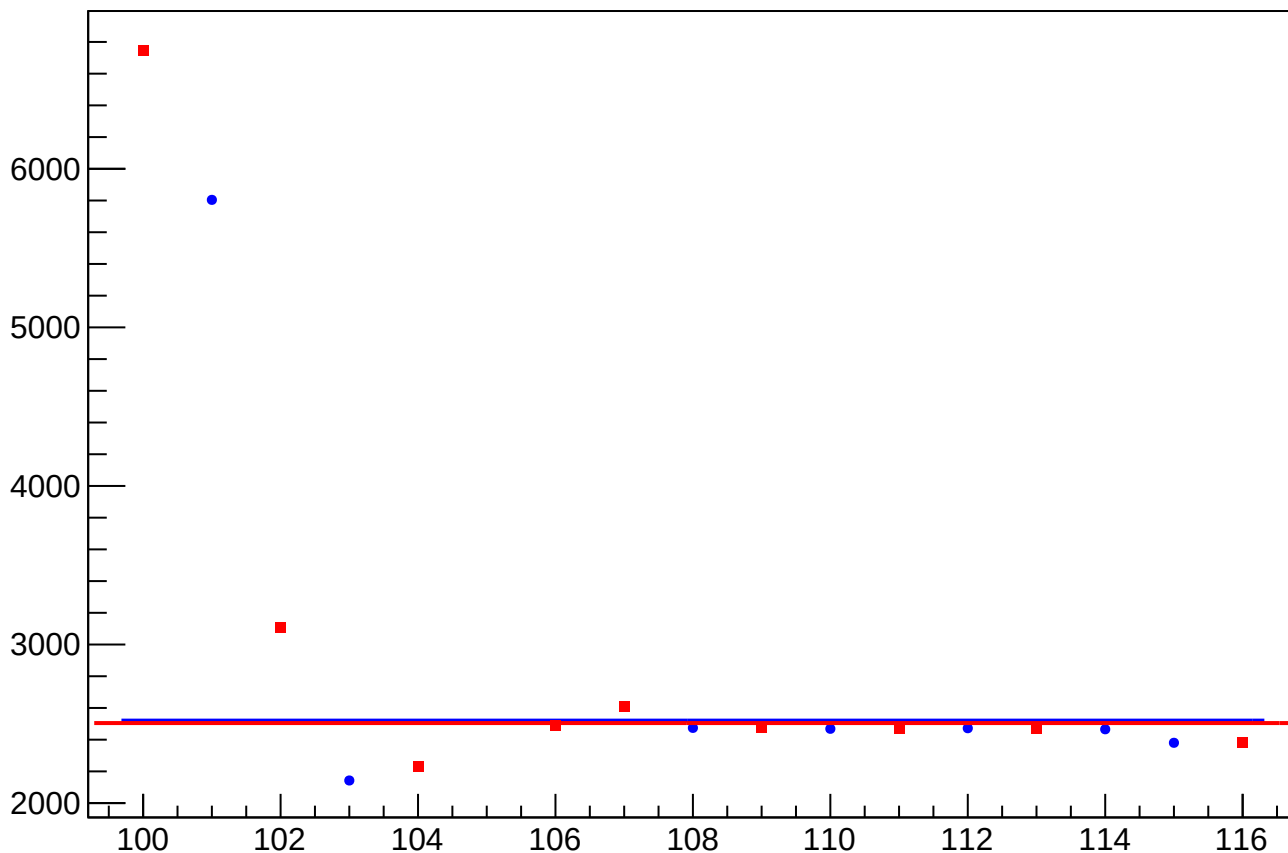
Right: -587.438+/-1035.821 χ^2/NDF : 10.1/15

In: -386.423+/-1576.129 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -587.438+/-1035.821 χ^2/NDF : 10.1/15

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2520.084+/-1.114 χ^2/NDF : 459211.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2504.731+/-0.972 χ^2/NDF : 113500.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

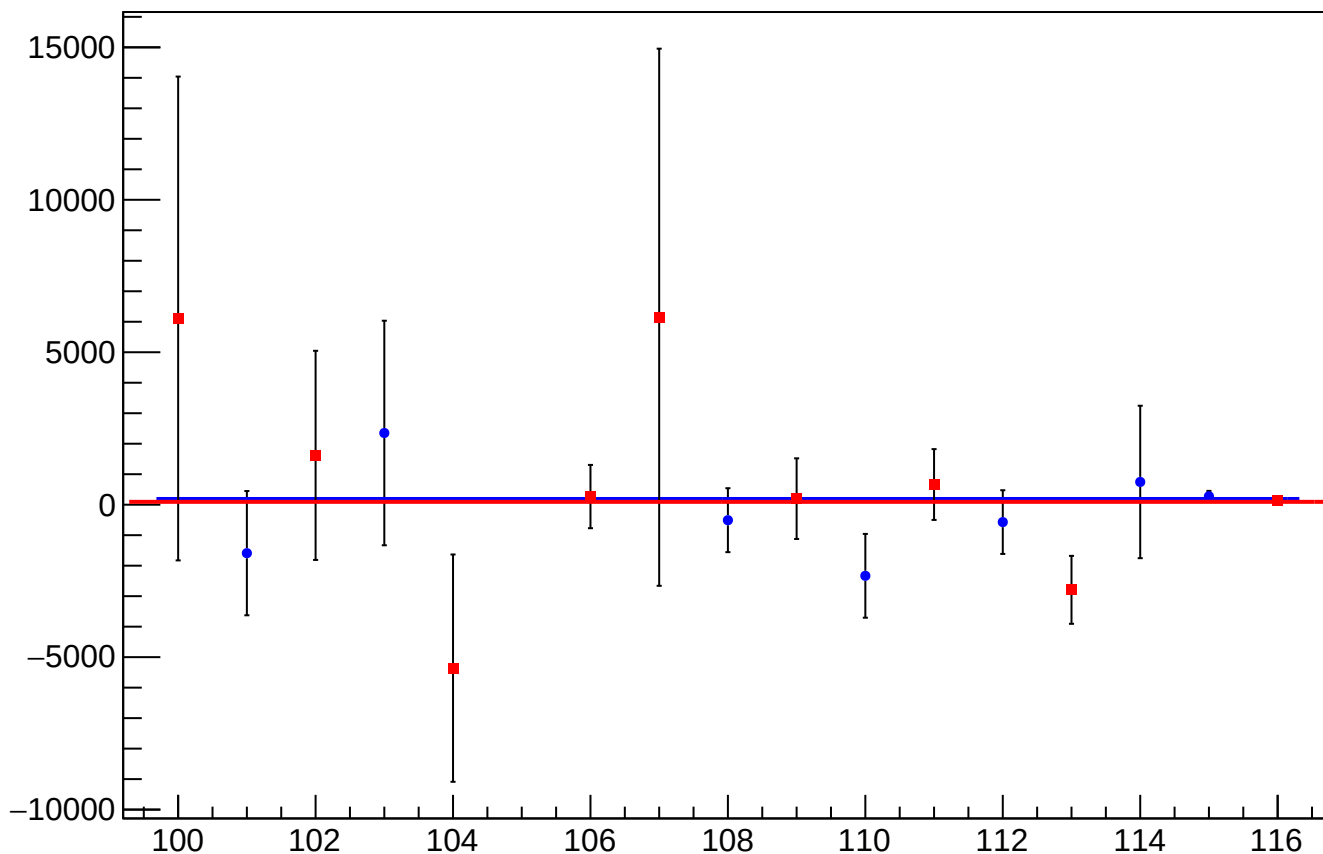
Right: 2511.362+/-0.732 χ^2/NDF : 572820.1/15

In: 2520.084+/-1.114 χ^2/NDF : 459211.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.362+/-0.732 χ^2/NDF : 572820.1/15

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 187.602 $\pm$ 169.314 χ^2 /NDF: 5.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.728 $\pm$ 127.557 χ^2 /NDF: 10.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

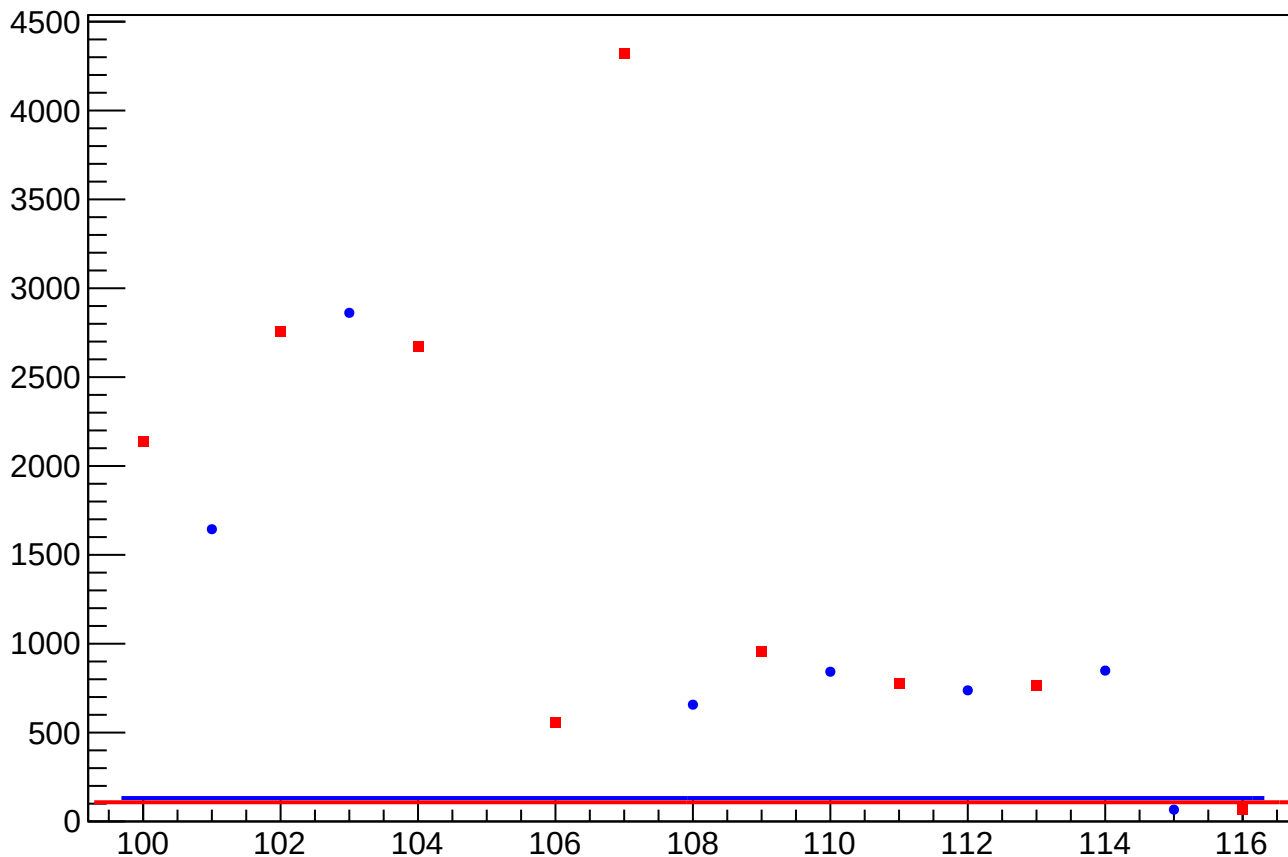
Right: 127.717 $\pm$ 101.880 χ^2 /NDF: 16.4/15

In: 187.602 $\pm$ 169.314 χ^2 /NDF:5.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.717 $\pm$ 101.880 χ^2 /NDF: 16.4/15

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 131.687+/-0.120 χ^2/NDF : 4348921.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.048+/-0.090 χ^2/NDF : 5490089.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

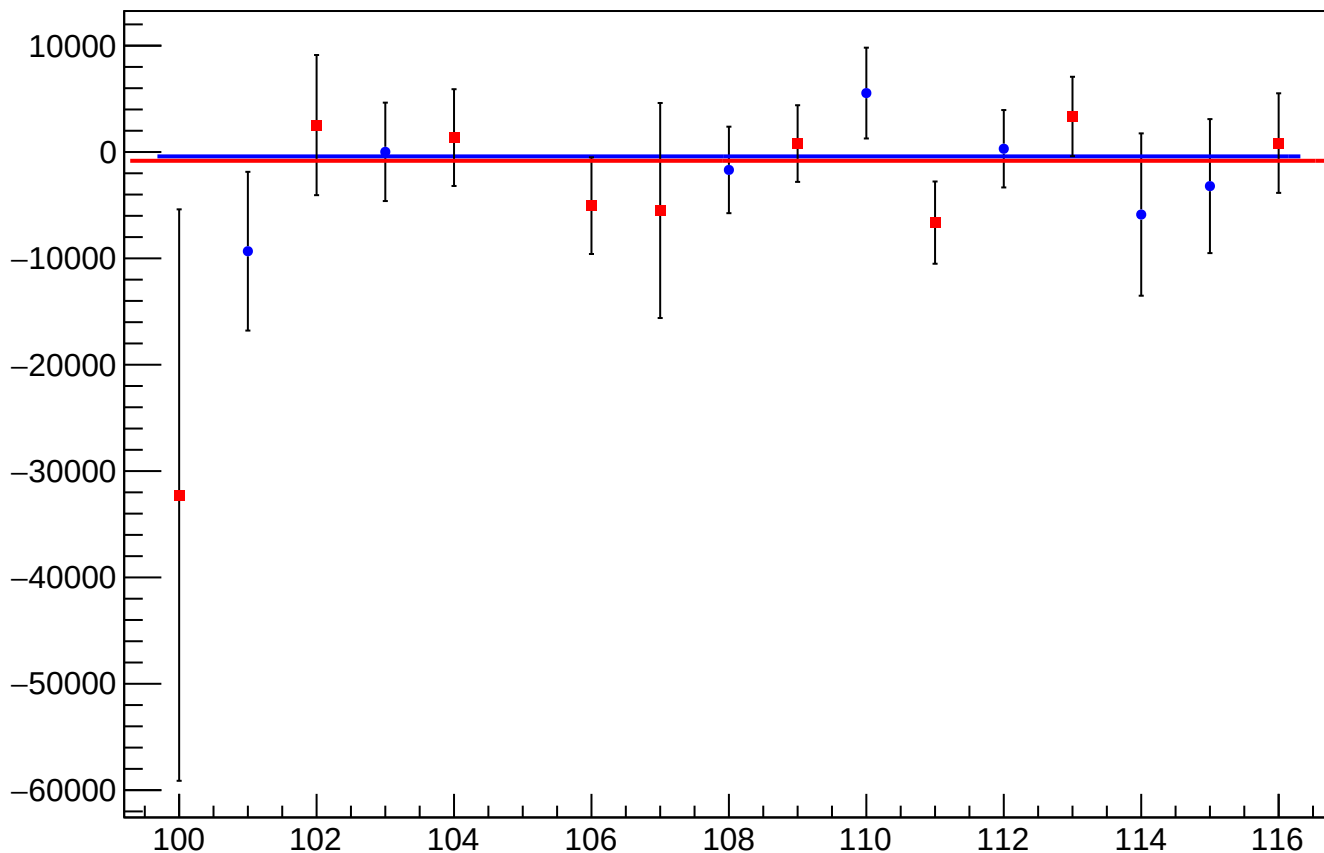
Right: 116.607+/-0.072 χ^2/NDF : 9863880.5/15

In: 131.687+/-0.120 χ^2/NDF :4348921.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.607+/-0.072 χ^2/NDF : 9863880.5/15

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -412.538 $\pm$ 1832.225 χ^2 /NDF: 4.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -824.977 $\pm$ 1596.970 χ^2 /NDF: 6.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

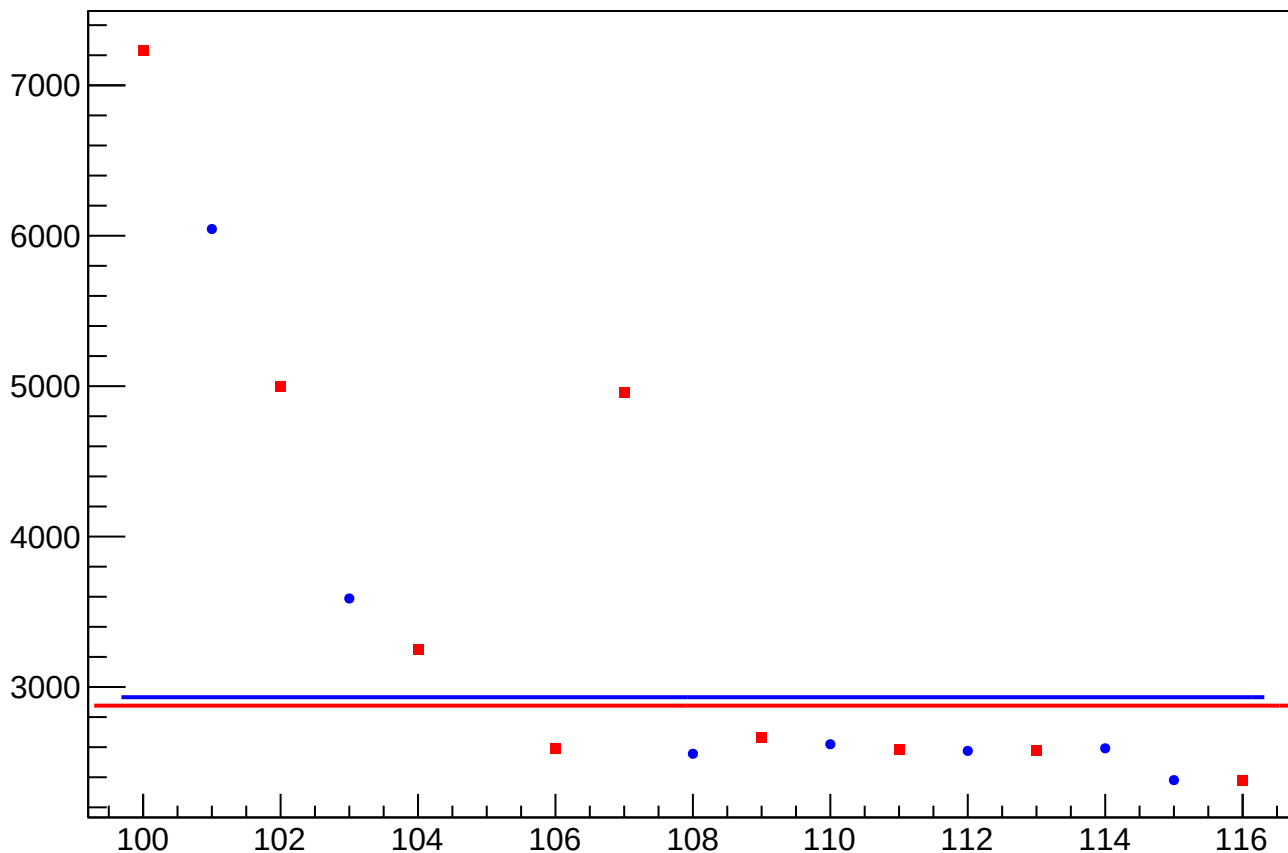
Right: -646.920 $\pm$ 1203.868 χ^2 /NDF: 11.0/15

In: -412.538 $\pm$ 1832.225 χ^2 /NDF:4.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -646.920 $\pm$ 1203.868 χ^2 /NDF: 11.0/15

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2932.109+/-1.296 χ^2/NDF : 454458.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2875.985+/-1.129 χ^2/NDF : 419165.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

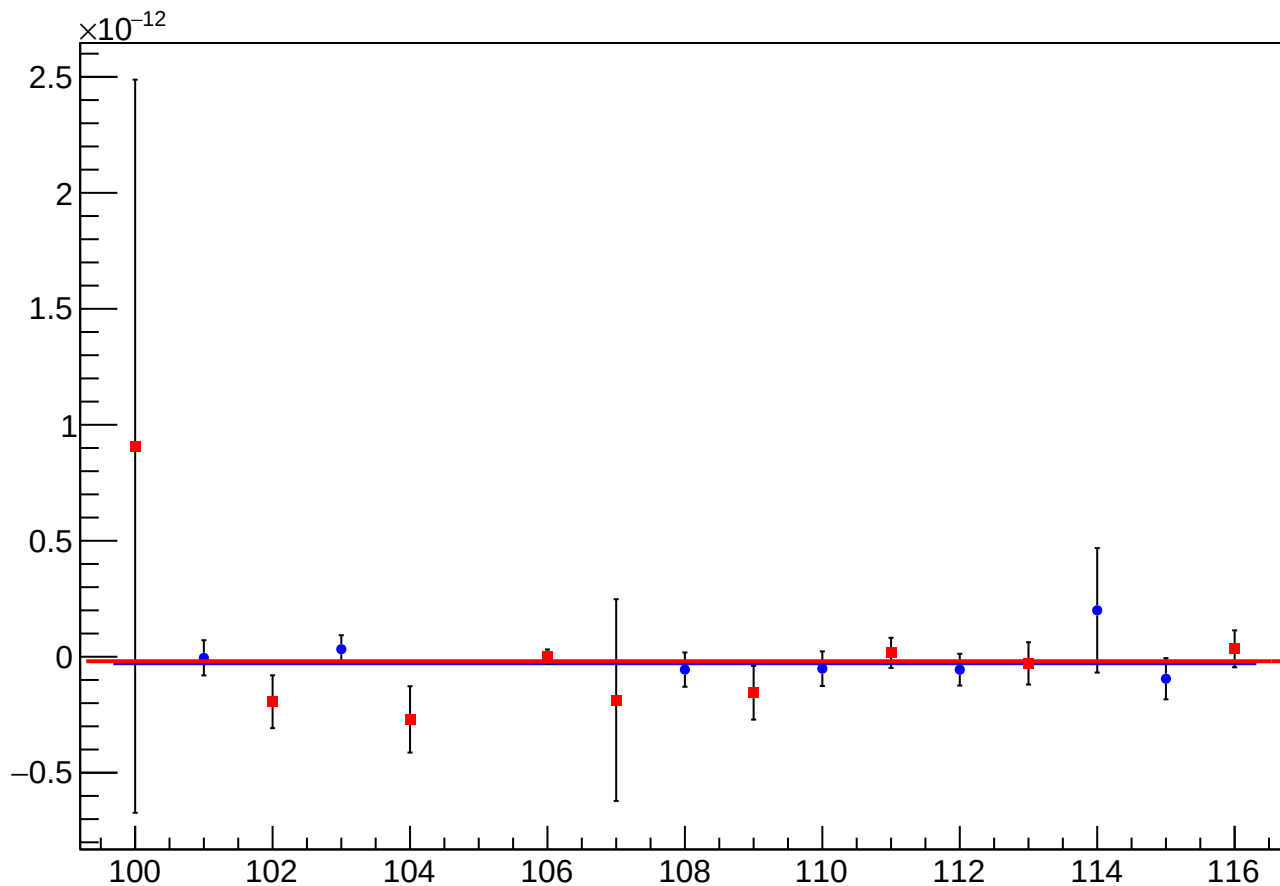
Right: 2900.215+/-0.851 χ^2/NDF : 874691.0/15

In: 2932.109+/-1.296 χ^2/NDF : 454458.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2900.215+/-0.851 χ^2/NDF : 874691.0/15

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

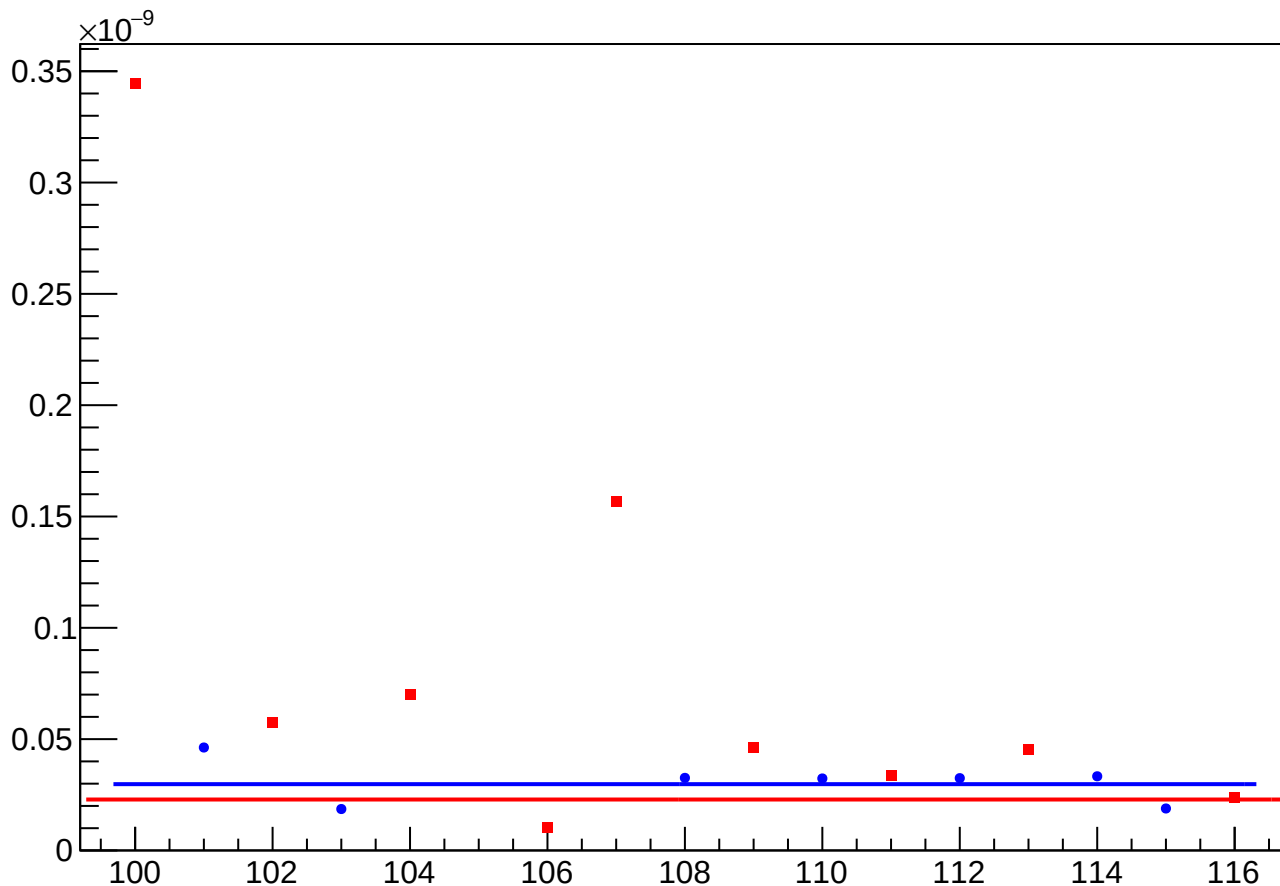
Right: -0.000+/-0.000 χ^2/NDF : 11.3/15

In: -0.000+/-0.000 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/15

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 201574.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1252178.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

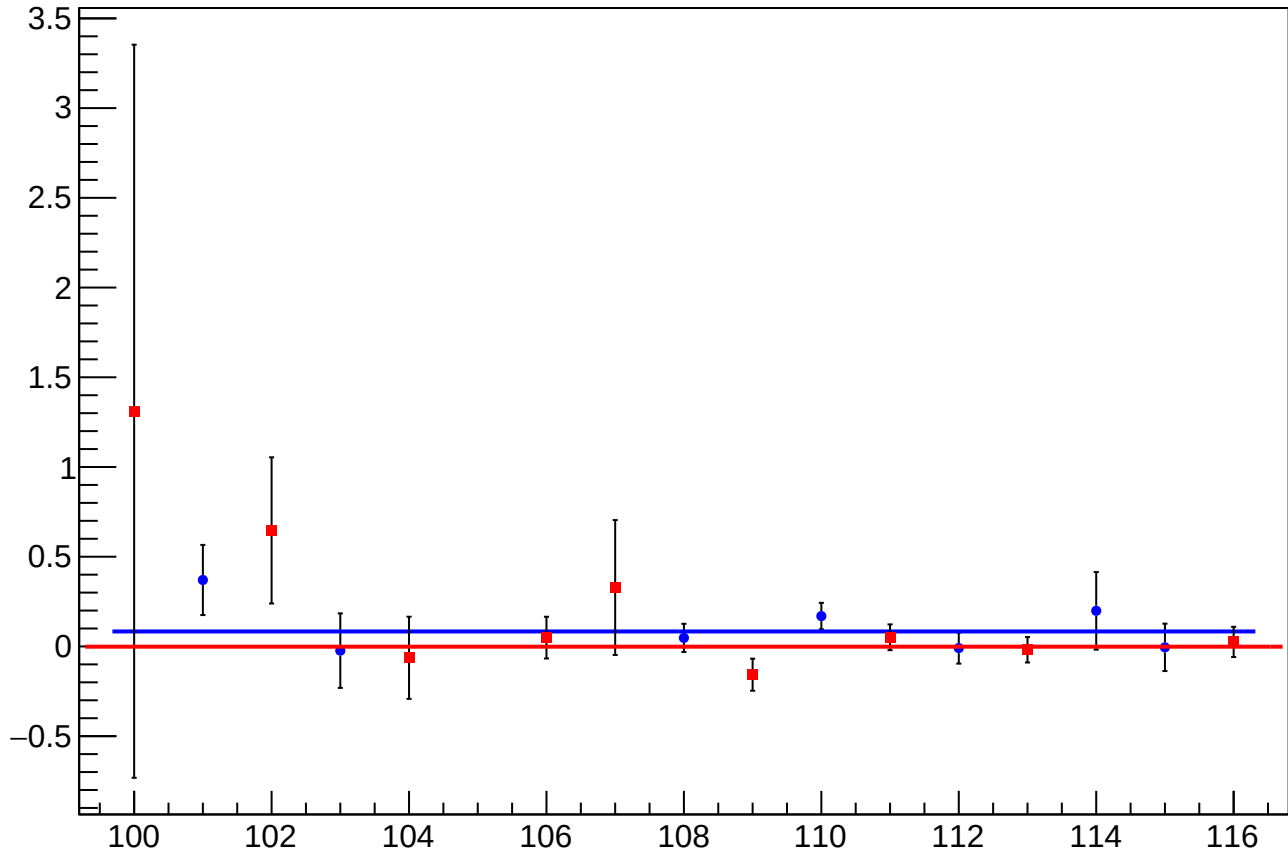
Right: 0.000+/-0.000 χ^2/NDF : 1520396.8/15

In: 0.000+/-0.000 χ^2/NDF : 201574.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1520396.8/15

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.084 $\pm$ 0.041 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

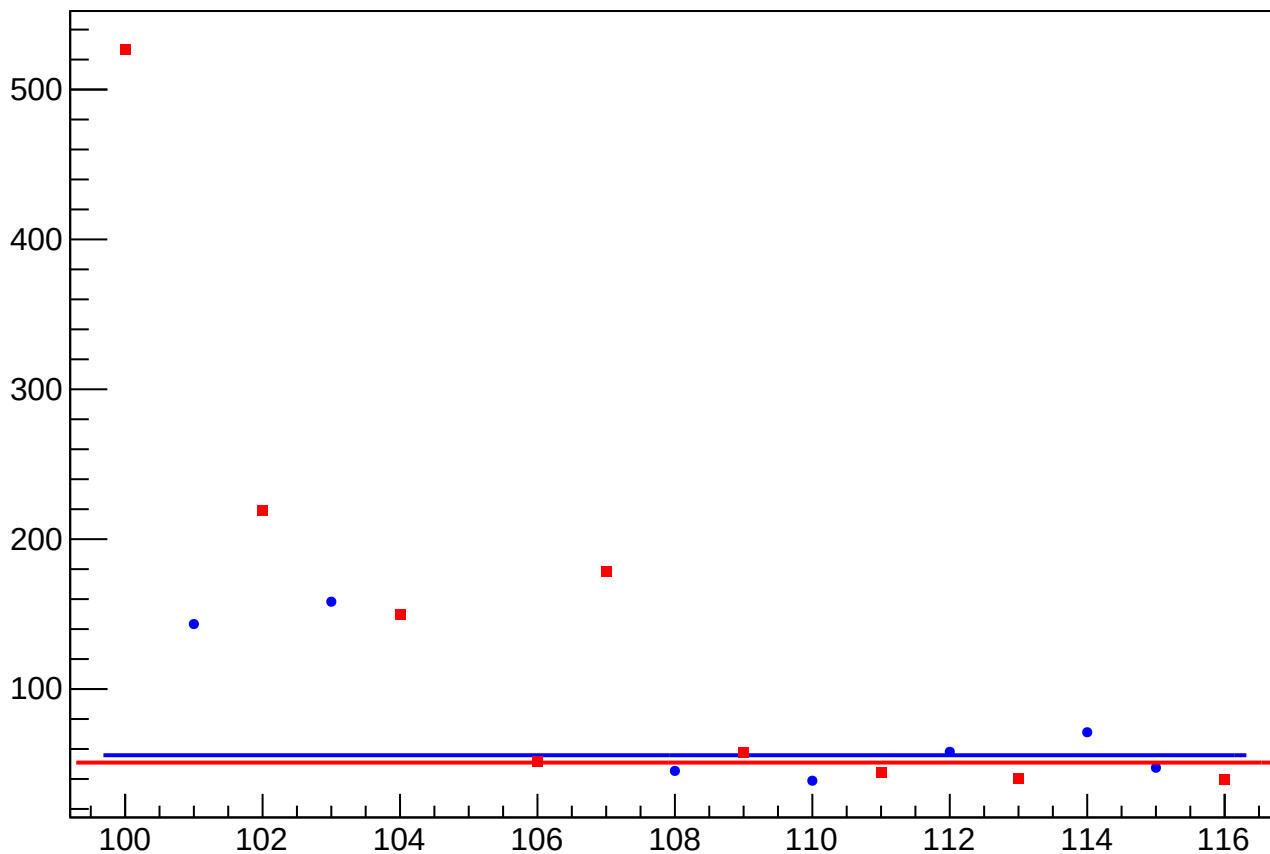
Right: 0.036 $\pm$ 0.027 χ^2 /NDF: 16.0/15

In: 0.084 $\pm$ 0.041 χ^2 /NDF:5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.027 χ^2 /NDF: 16.0/15

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.833+/-0.029 χ^2/NDF : 1049231.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.938+/-0.026 χ^2/NDF : 1157562.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

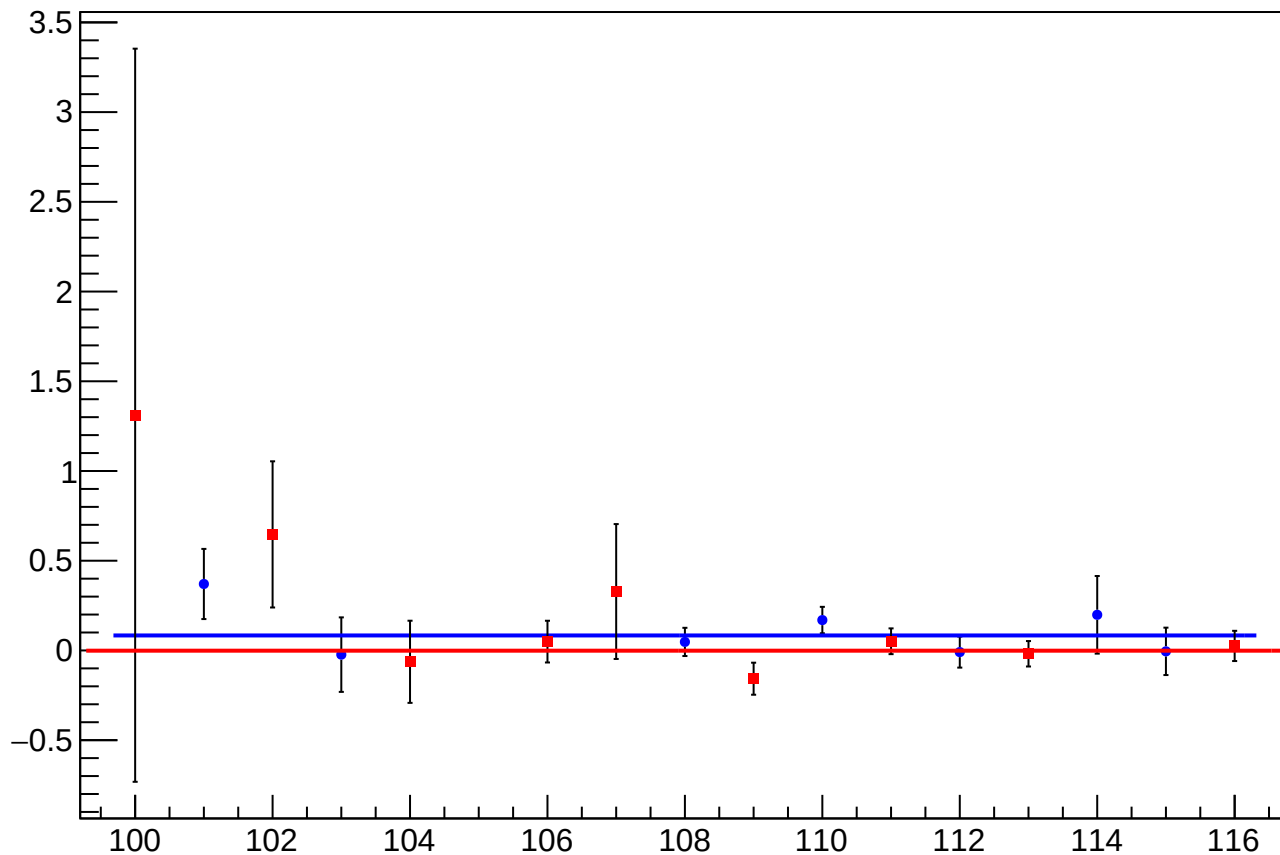
Right: 53.104+/-0.019 χ^2/NDF : 2223026.7/15

In: 55.833+/-0.029 χ^2/NDF : 1049231.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.104+/-0.019 χ^2/NDF : 2223026.7/15

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.084 $\pm$ 0.041 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

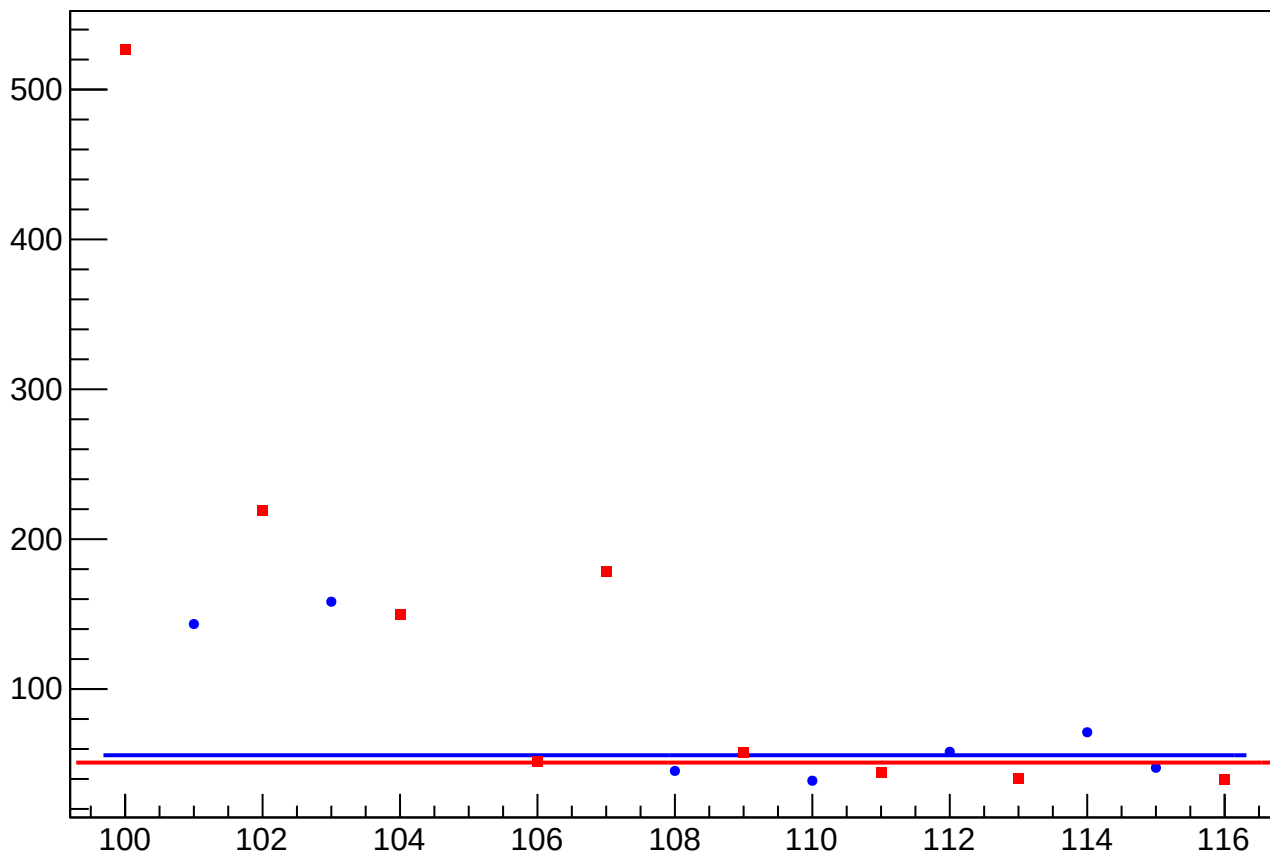
Right: 0.036 $\pm$ 0.027 χ^2 /NDF: 16.0/15

In: 0.084 $\pm$ 0.041 χ^2 /NDF:5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.027 χ^2 /NDF: 16.0/15

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.833+/-0.029 χ^2/NDF : 1049231.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.938+/-0.026 χ^2/NDF : 1157562.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

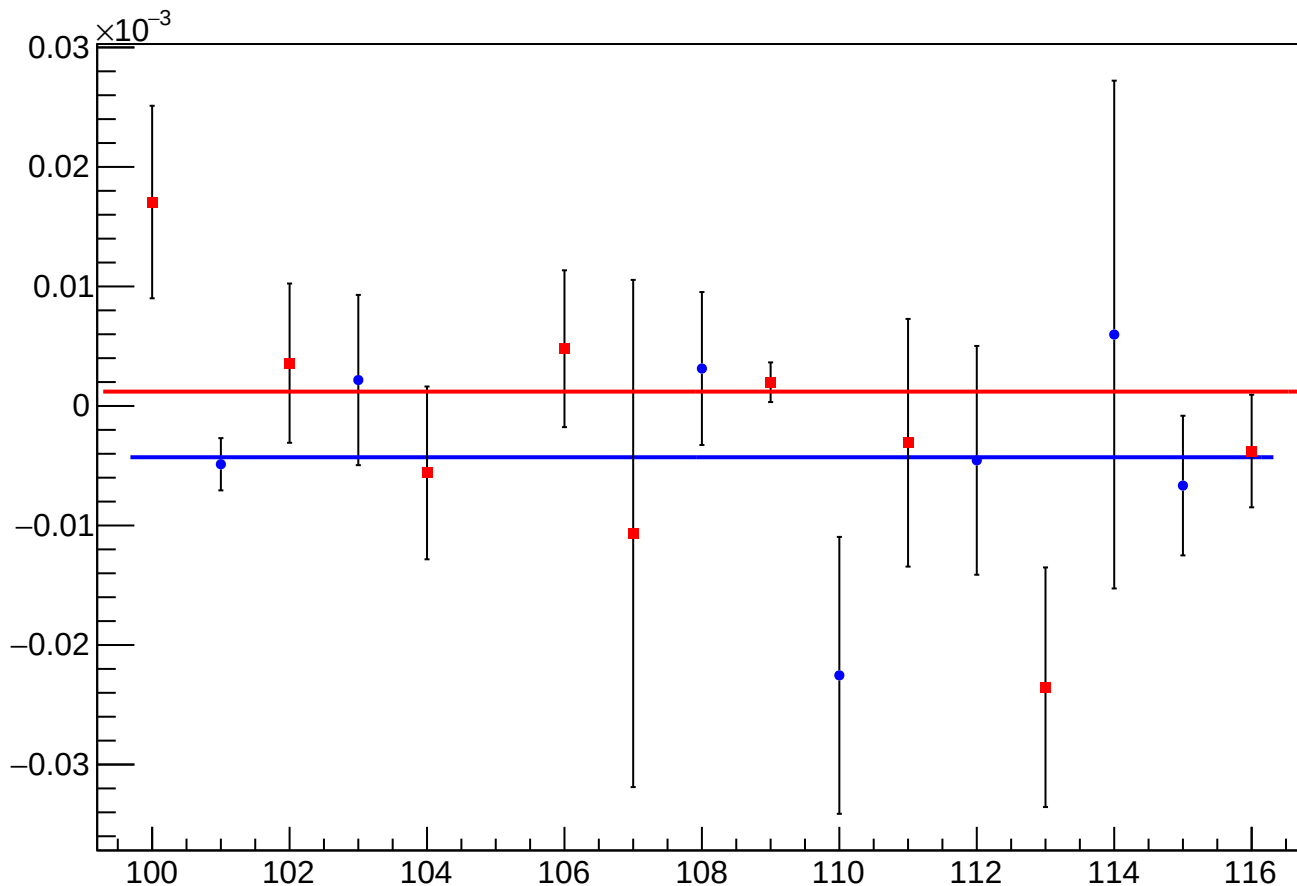
Right: 53.104+/-0.019 χ^2/NDF : 2223026.7/15

In: 55.833+/-0.029 χ^2/NDF : 1049231.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.104+/-0.019 χ^2/NDF : 2223026.7/15

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

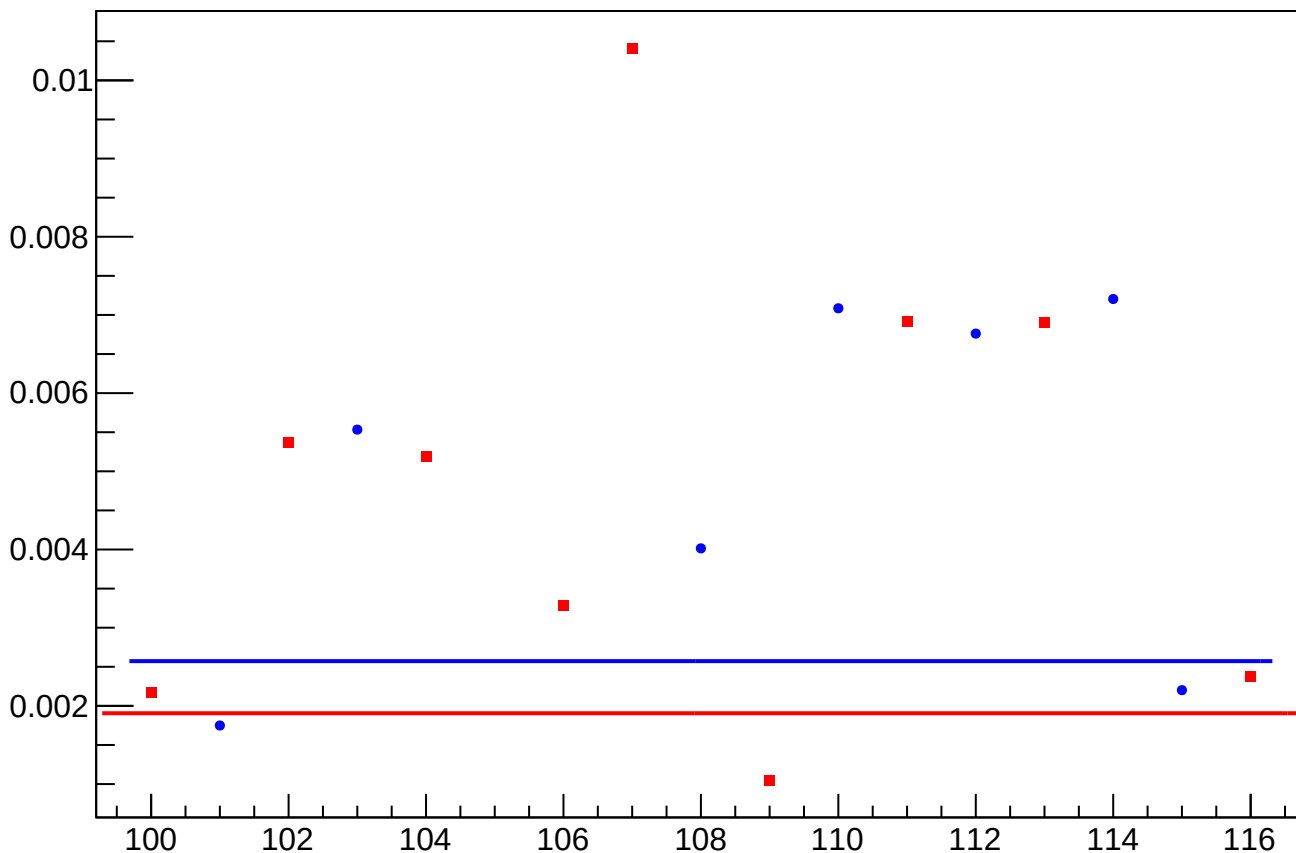
Right: -0.000+/-0.000 χ^2 /NDF: 24.0/15

In: -0.000+/-0.000 χ^2 /NDF:5.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.0/15

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 : 1520513.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2890993.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

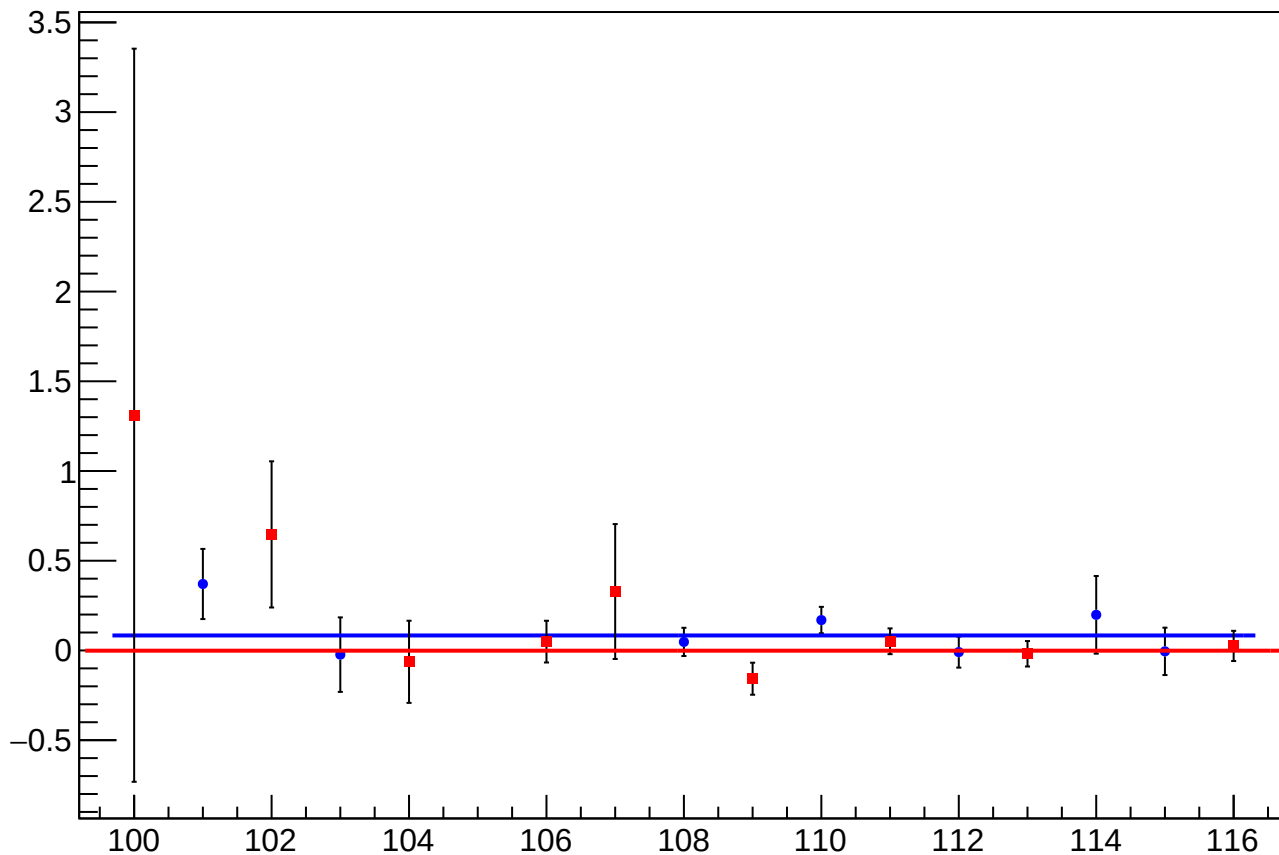
Right: 0.002+/-0.000 χ^2/NDF : 4580531.7/15

In: 0.003+/-0.000 χ^2/NDF : 1520513.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4580531.7/15

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.084 $\pm$ 0.041 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

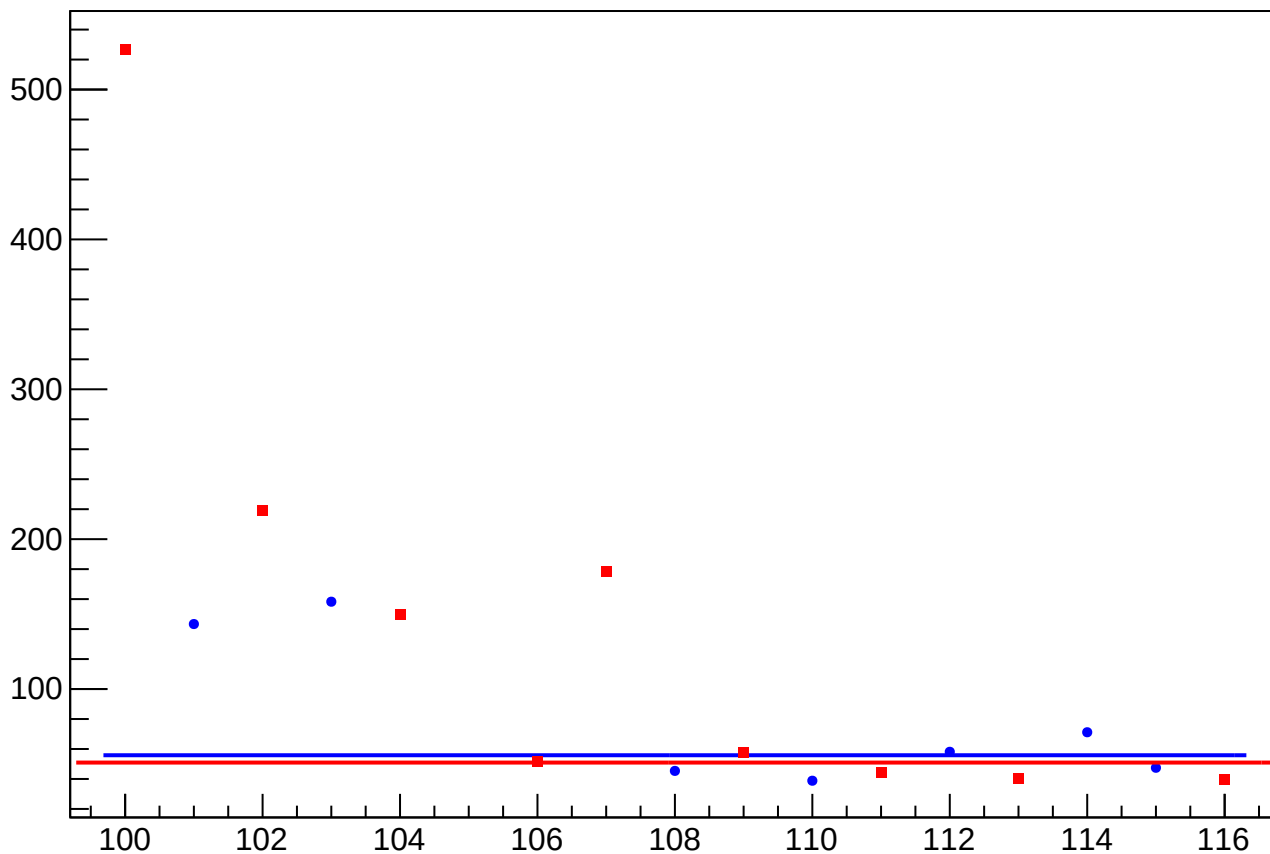
Right: 0.036 $\pm$ 0.027 χ^2 /NDF: 16.0/15

In: 0.084 $\pm$ 0.041 χ^2 /NDF:5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.027 χ^2 /NDF: 16.0/15

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.832+/-0.029 χ^2/NDF : 1049283.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.941+/-0.026 χ^2/NDF : 1157474.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

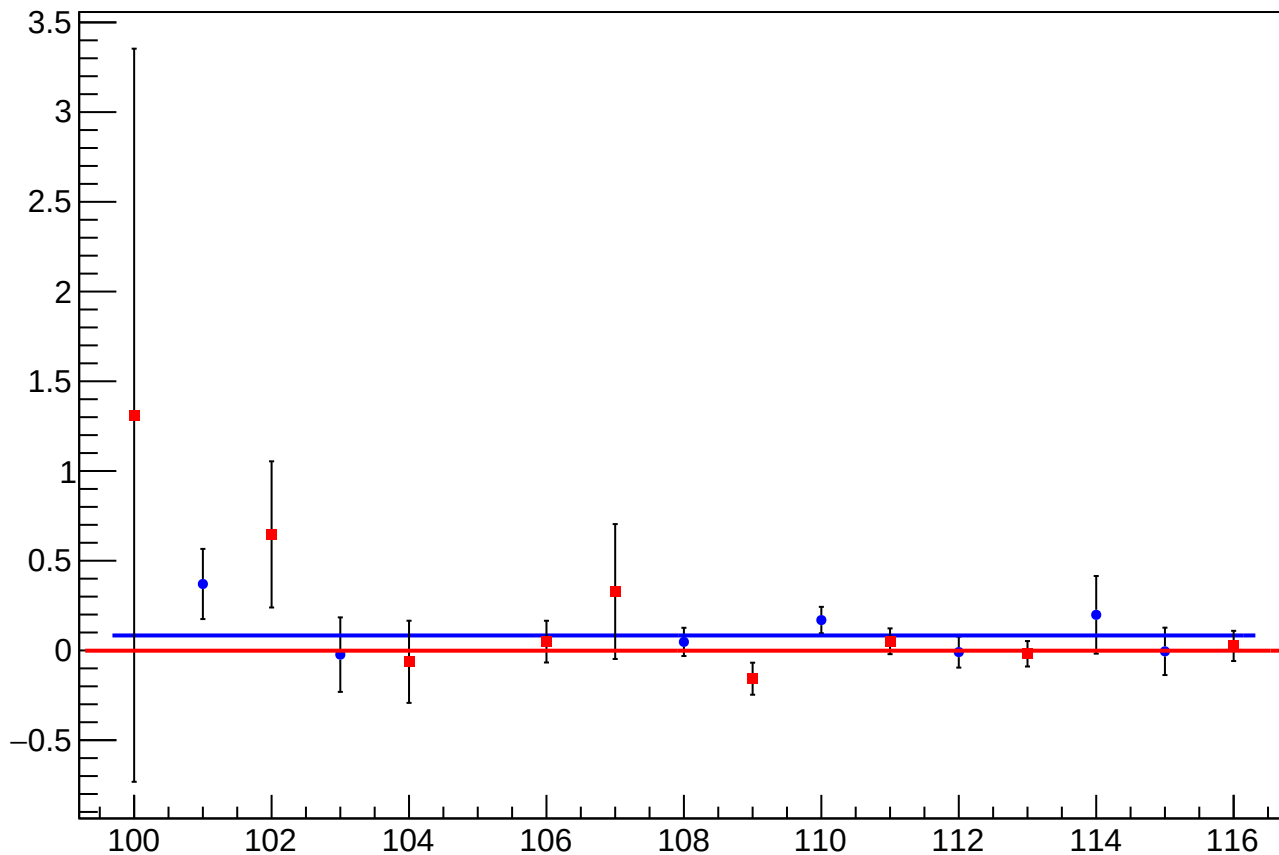
Right: 53.105+/-0.019 χ^2/NDF : 2222965.8/15

In: 55.832+/-0.029 χ^2/NDF : 1049283.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.105+/-0.019 χ^2/NDF : 2222965.8/15

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.084+/-0.041 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.036 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

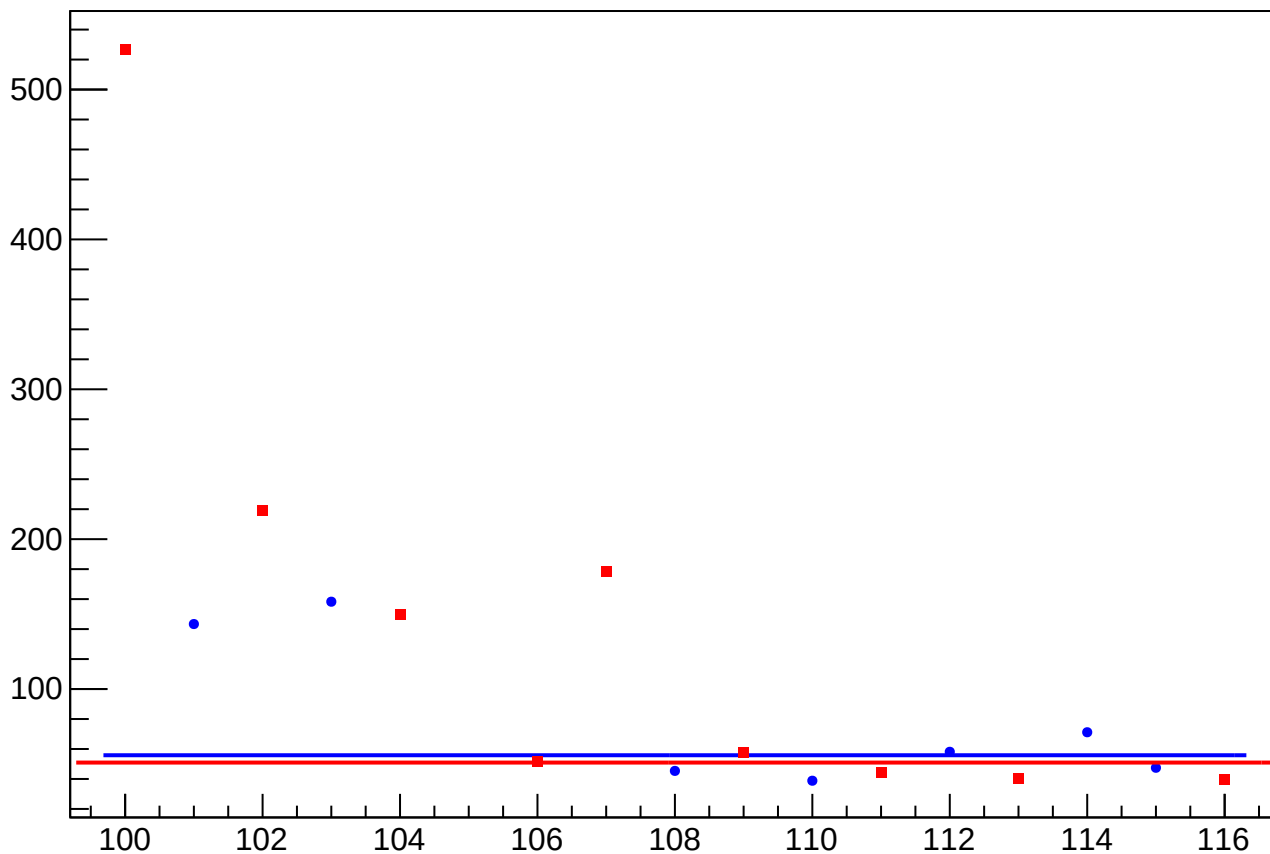
Right: 0.036+/-0.027 χ^2/NDF : 16.0/15

In: 0.084+/-0.041 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.027 χ^2/NDF : 16.0/15

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.832+/-0.029 χ^2/NDF : 1049283.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.941+/-0.026 χ^2/NDF : 1157474.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

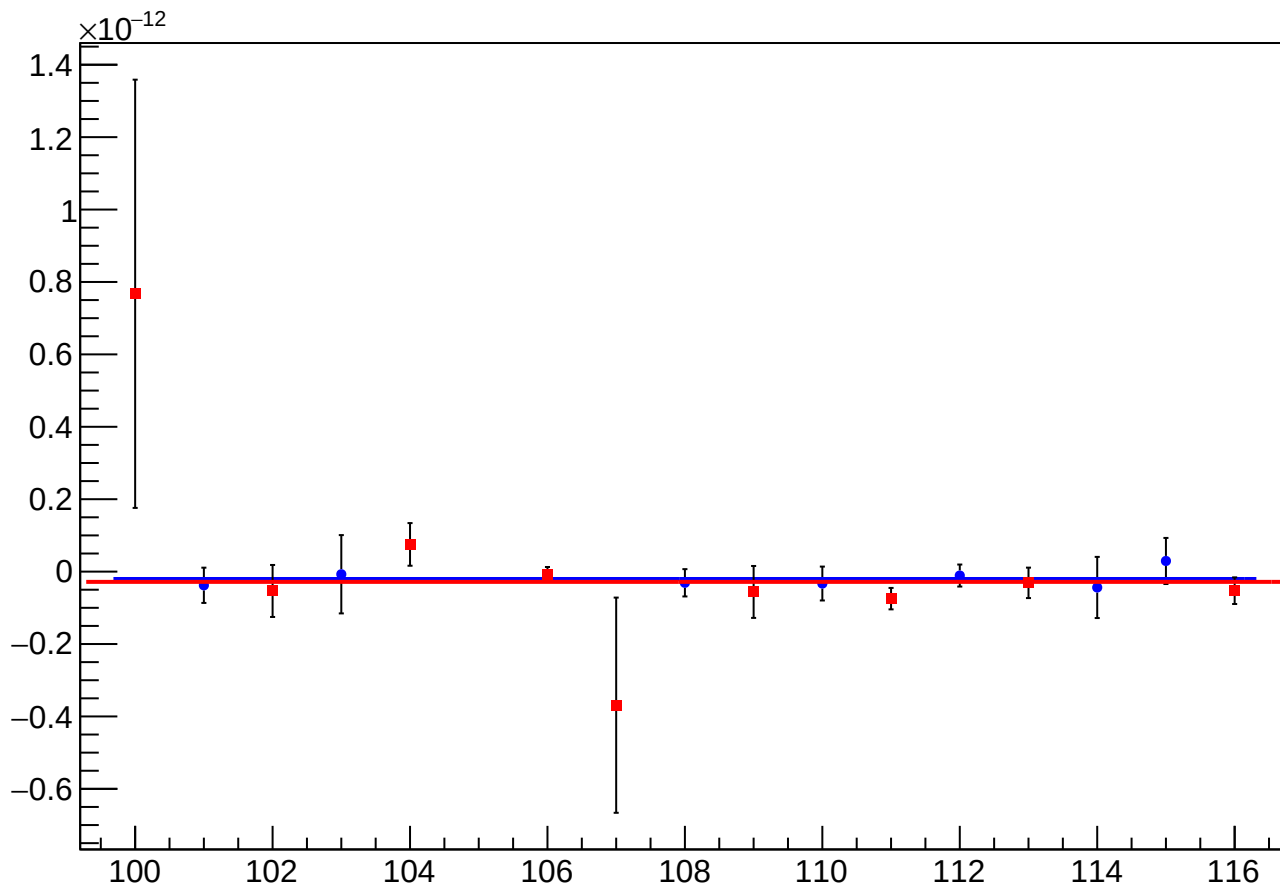
Right: 53.105+/-0.019 χ^2/NDF : 2222965.8/15

In: 55.832+/-0.029 χ^2/NDF : 1049283.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.105+/-0.019 χ^2/NDF : 2222965.8/15

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

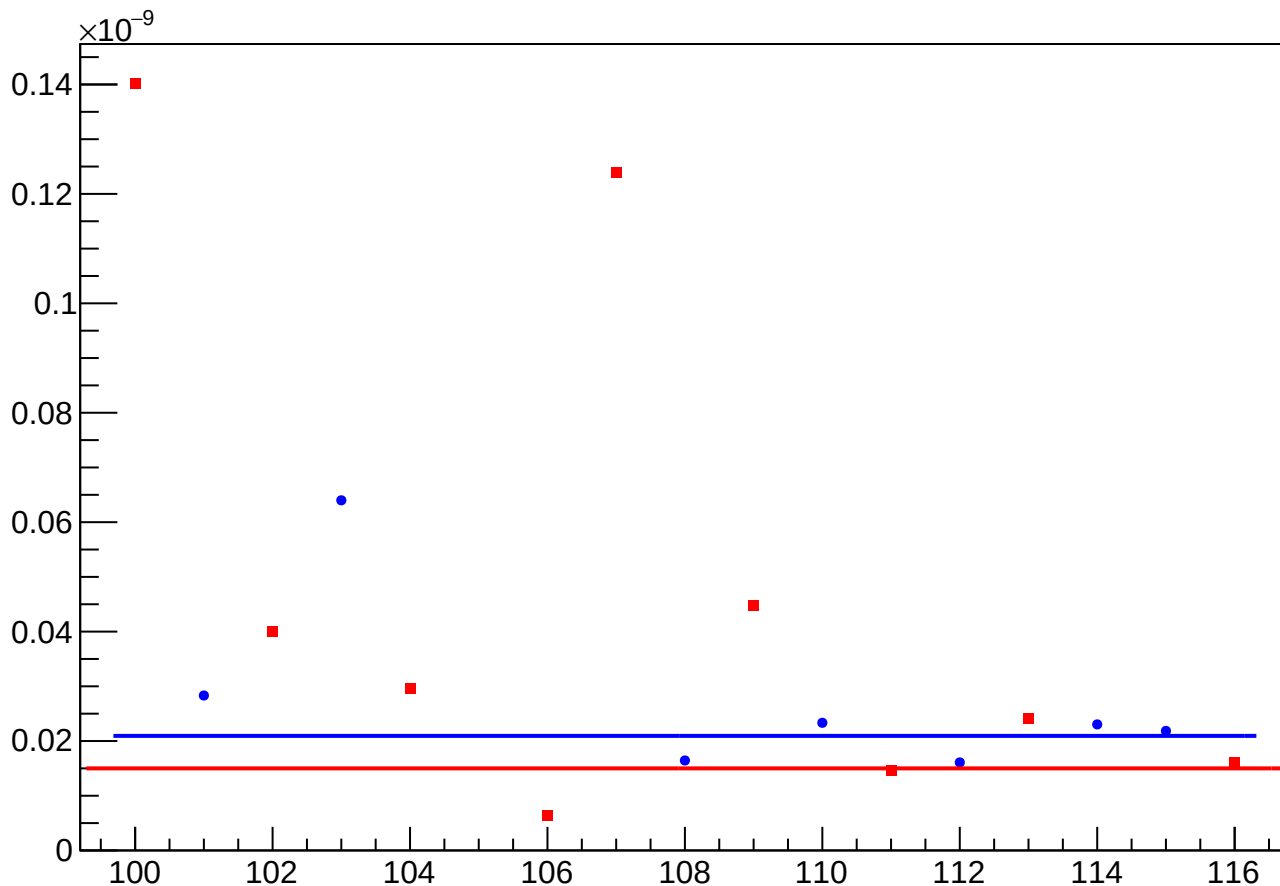
Right: -0.000+/-0.000 χ^2/NDF : 11.7/15

In: -0.000+/-0.000 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.7/15

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 : 449192.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1544961.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

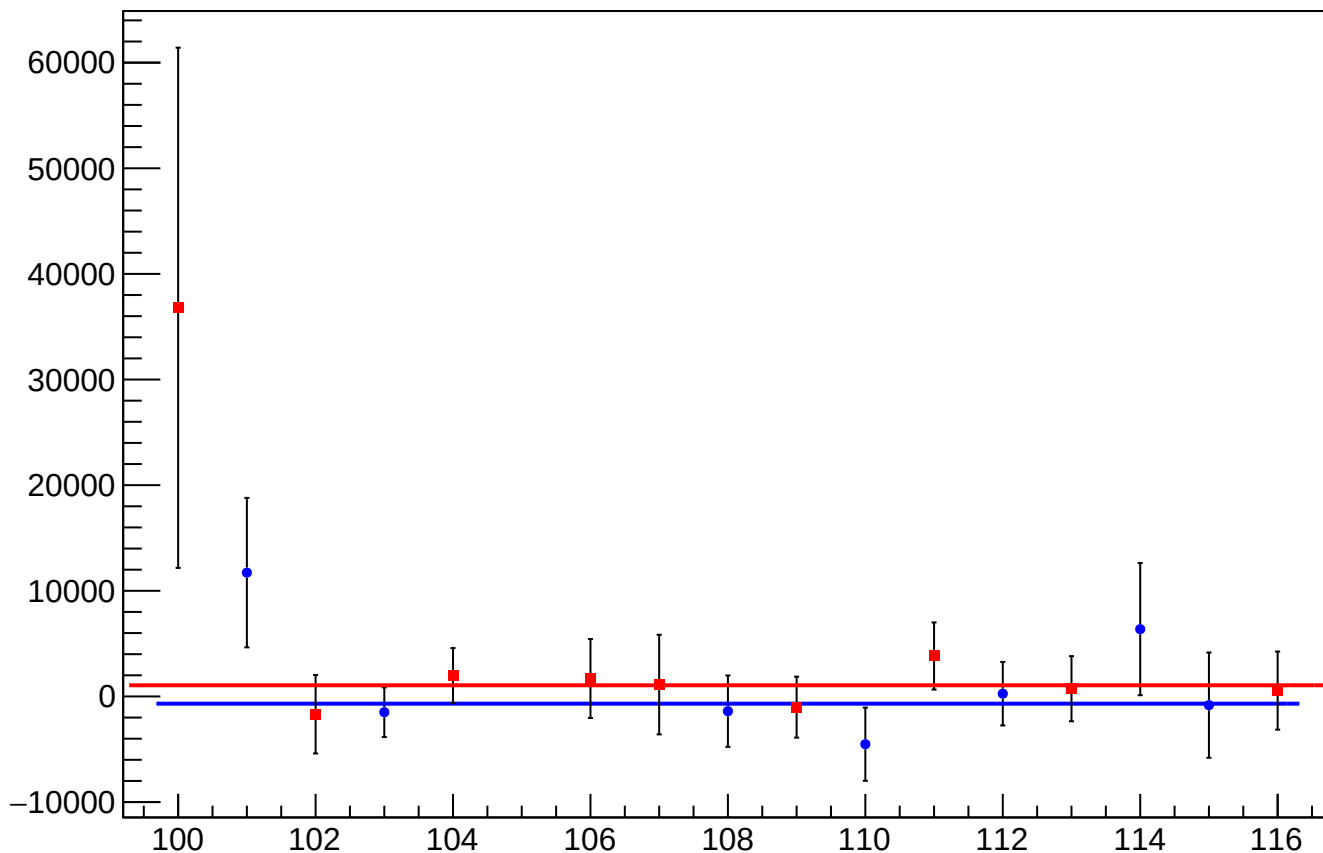
Right: 0.000+/-0.000 χ^2/NDF : 2136855.6/15

In: 0.000+/-0.000 χ^2/NDF : 449192.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2136855.6/15

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -685.181+/-1351.245 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.588+/-1165.576 χ^2/NDF : 4.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

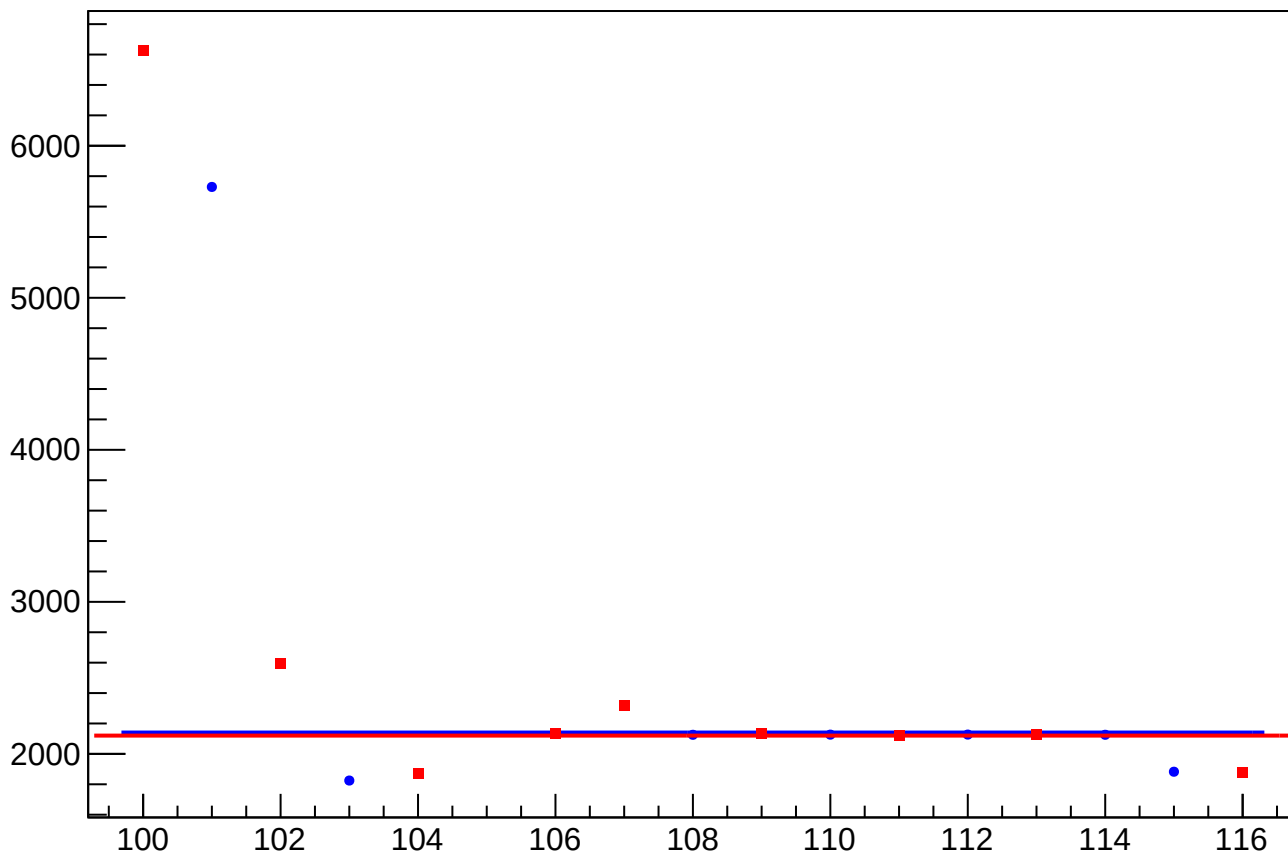
Right: 313.501+/-882.590 χ^2/NDF : 10.9/15

In: -685.181+/-1351.245 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.501+/-882.590 χ^2/NDF : 10.9/15

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2140.391+/-0.955 χ^2/NDF : 556065.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.260+/-0.824 χ^2/NDF : 129590.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

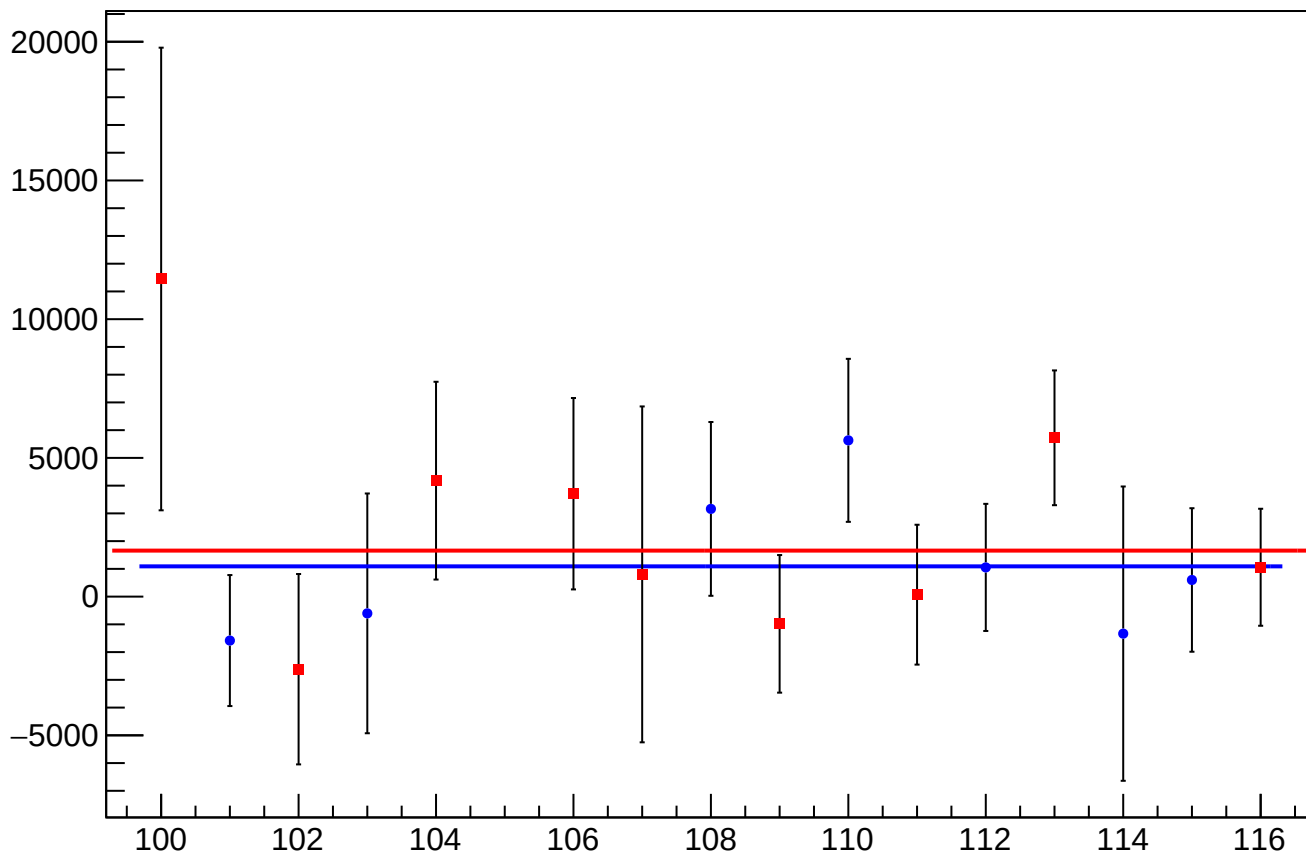
Right: 2128.849+/-0.624 χ^2/NDF : 685910.6/15

In: 2140.391+/-0.955 χ^2/NDF : 556065.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.849+/-0.624 χ^2/NDF : 685910.6/15

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1090.607+/-1100.064 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.335+/-998.129 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

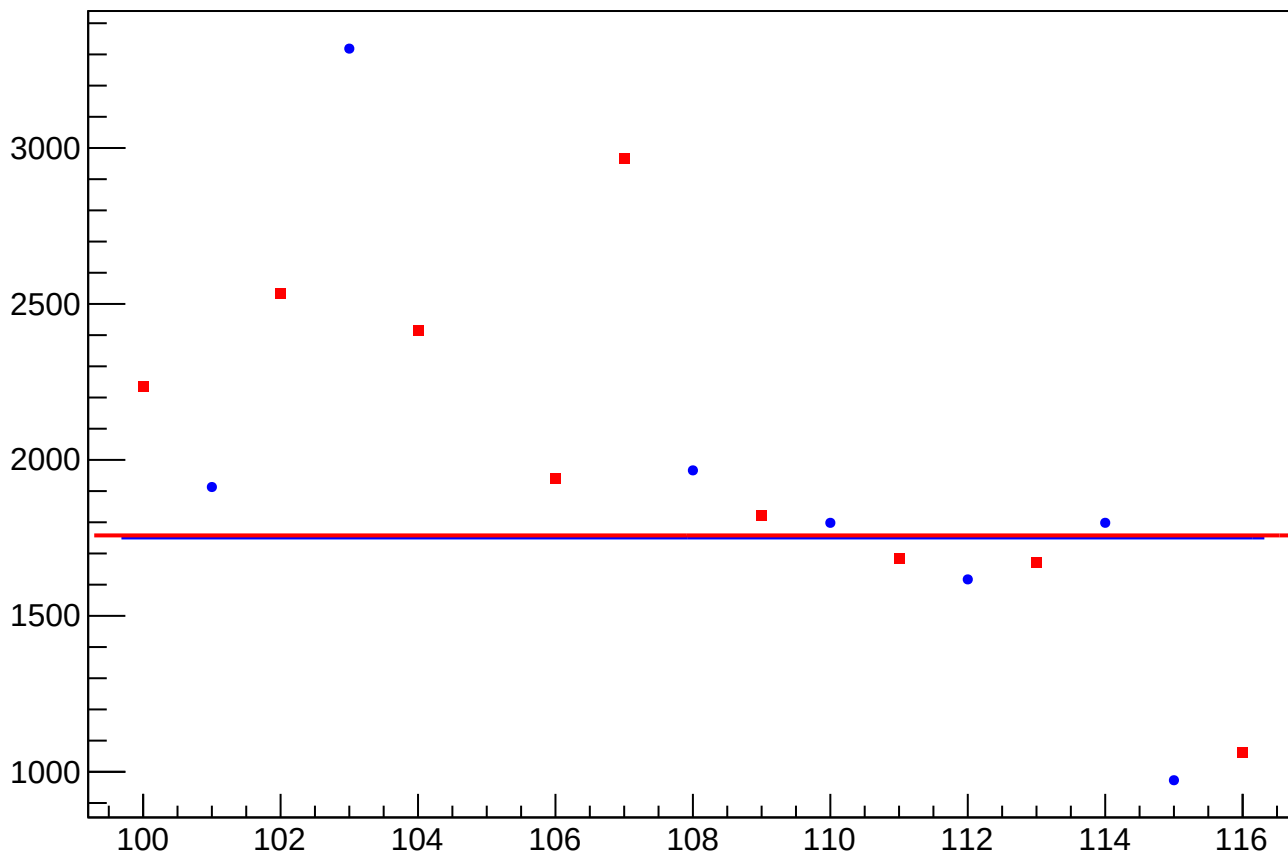
Right: 1401.987+/-739.200 χ^2/NDF : 12.9/15

In: 1090.607+/-1100.064 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.987+/-739.200 χ^2/NDF : 12.9/15

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1751.371+/-0.778 χ^2/NDF : 470564.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.914+/-0.706 χ^2/NDF : 485203.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

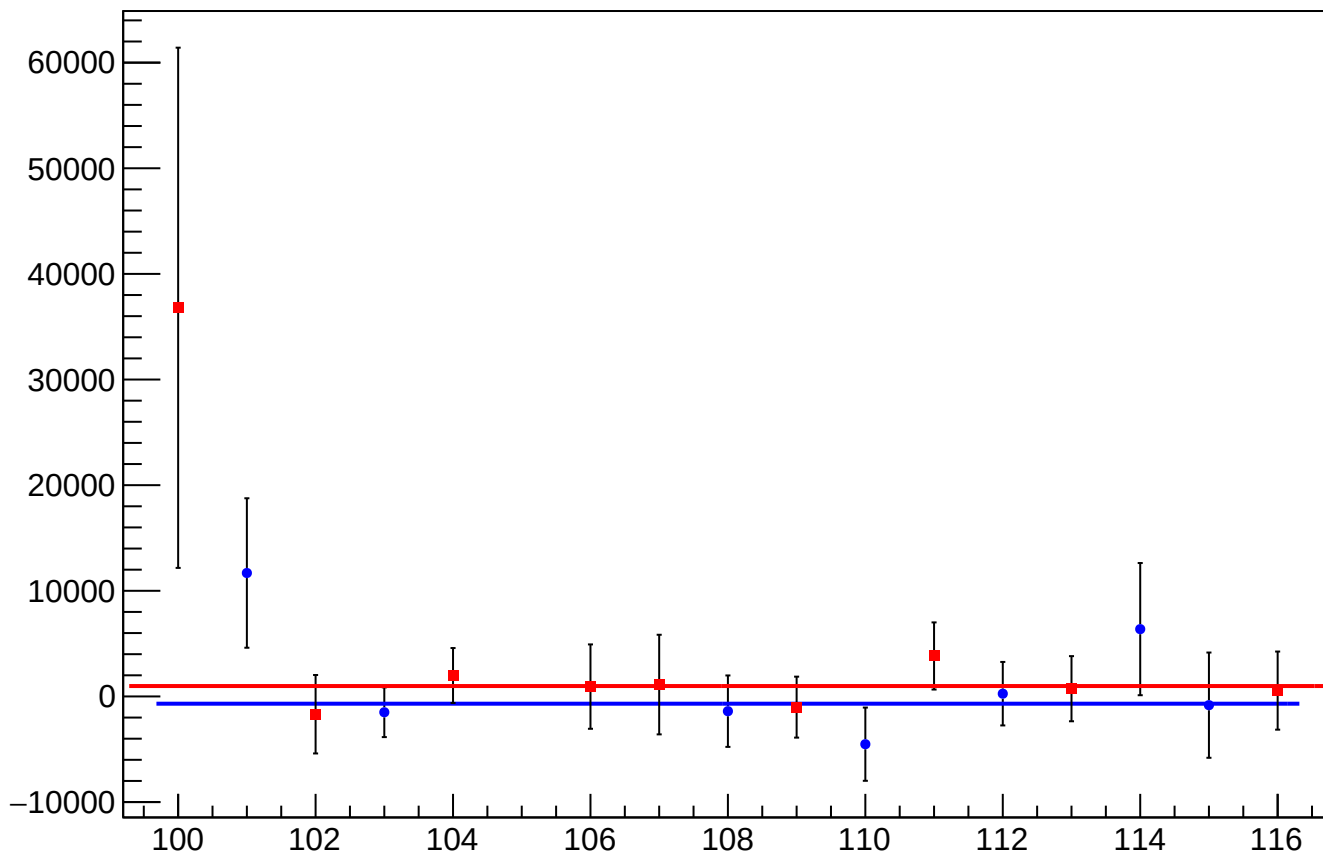
Right: 1754.960+/-0.523 χ^2/NDF : 955805.9/15

In: 1751.371+/-0.778 χ^2/NDF : 470564.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.960+/-0.523 χ^2/NDF : 955805.9/15

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -687.375+/-1351.246 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.254+/-1172.753 χ^2/NDF : 4.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

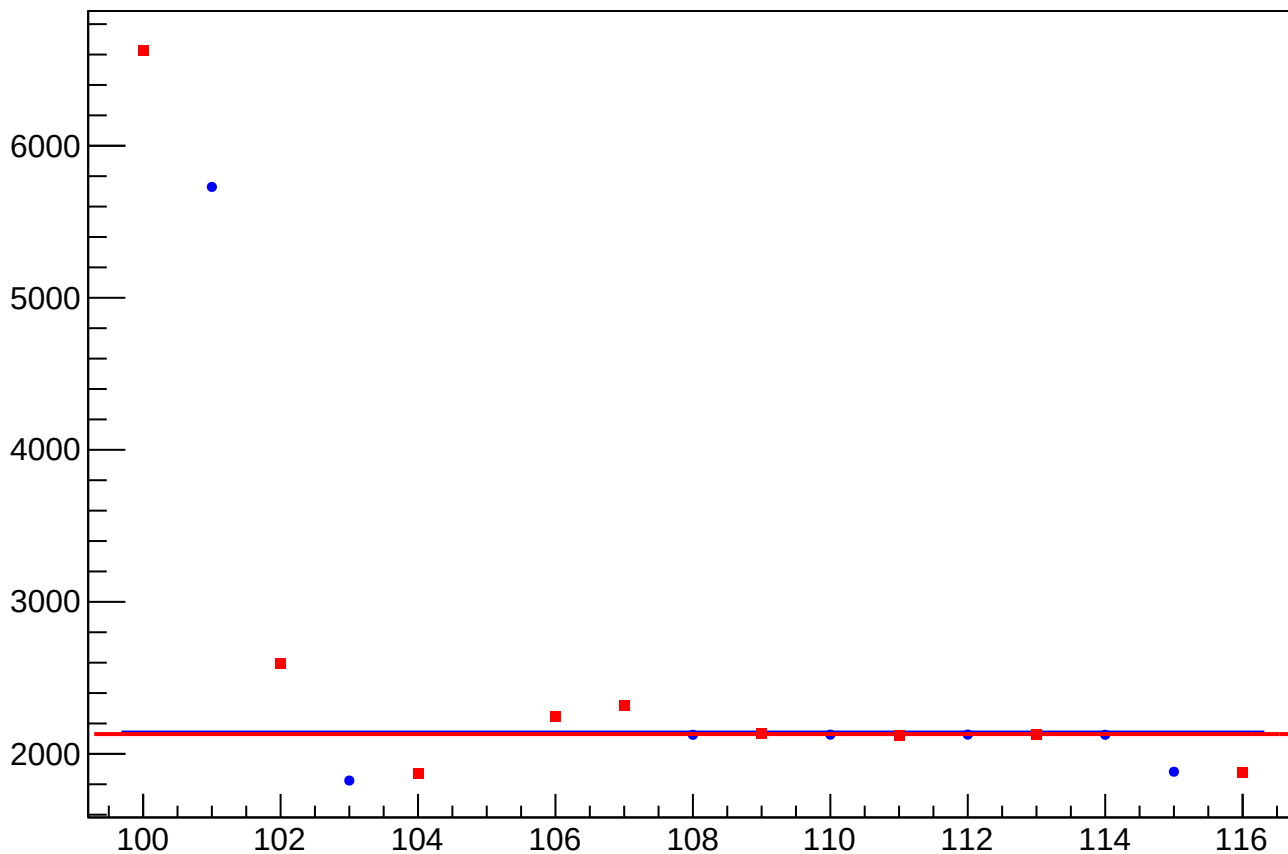
Right: 266.065+/-885.694 χ^2/NDF : 10.8/15

In: -687.375+/-1351.246 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.065+/-885.694 χ^2/NDF : 10.8/15

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2140.391+/-0.955 χ^2/NDF : 556065.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2130.171+/-0.829 χ^2/NDF : 131508.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

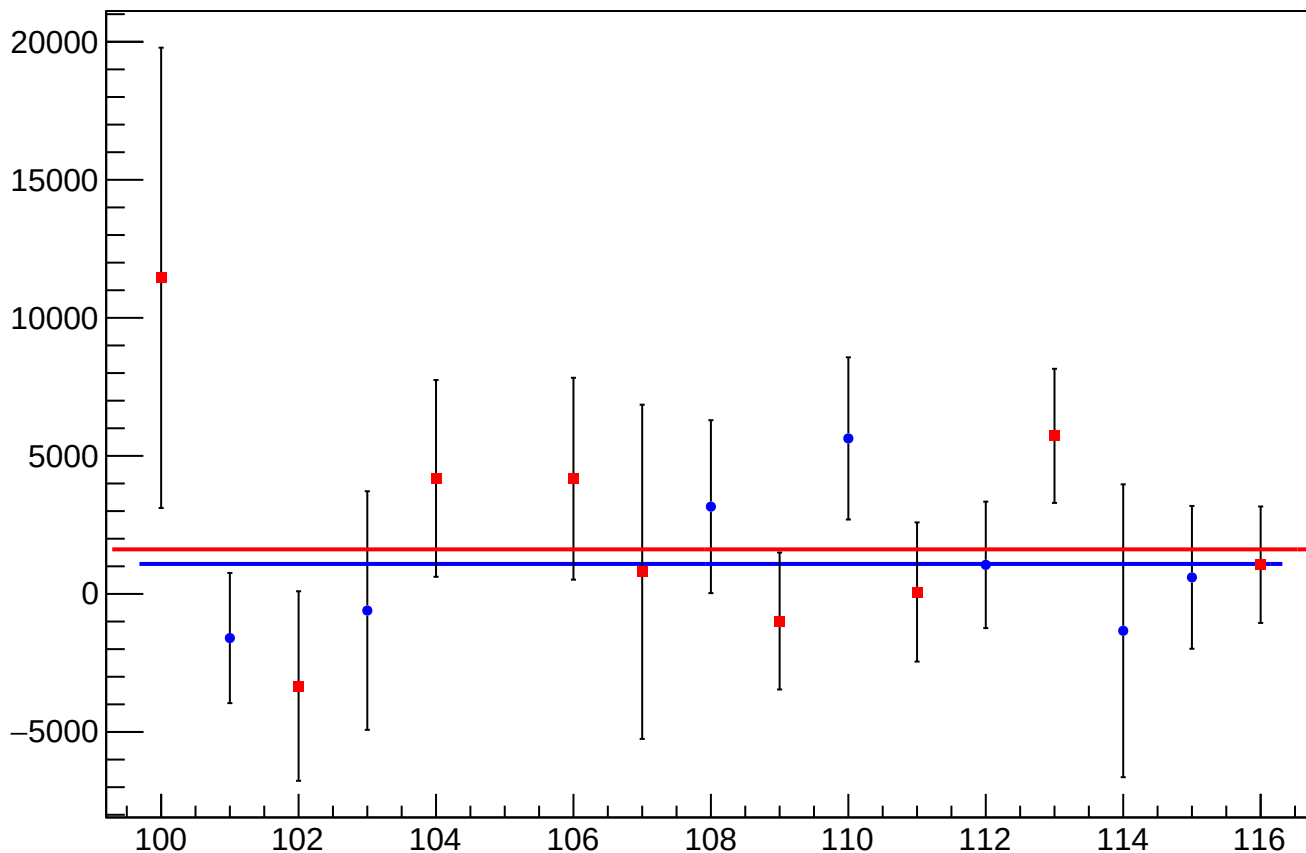
Right: 2134.562+/-0.626 χ^2/NDF : 687639.0/15

In: 2140.391+/-0.955 χ^2/NDF : 556065.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.562+/-0.626 χ^2/NDF : 687639.0/15

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1086.211+/-1099.741 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1613.837+/-1002.778 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

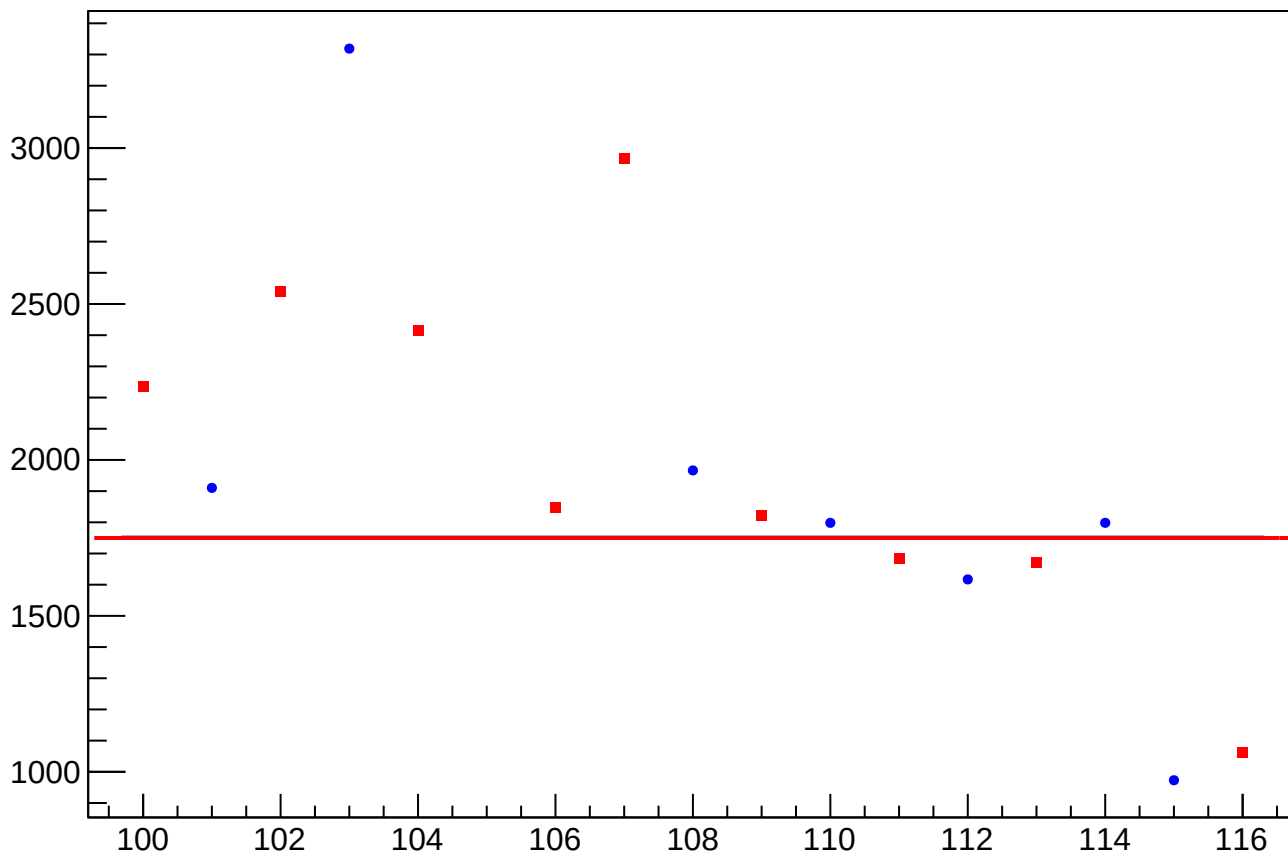
Right: 1374.305+/-740.984 χ^2/NDF : 13.6/15

In: 1086.211+/-1099.741 χ^2/NDF :4.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1374.305+/-740.984 χ^2/NDF : 13.6/15

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1750.891+/-0.778 χ^2/NDF : 470338.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1749.653+/-0.709 χ^2/NDF : 482098.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

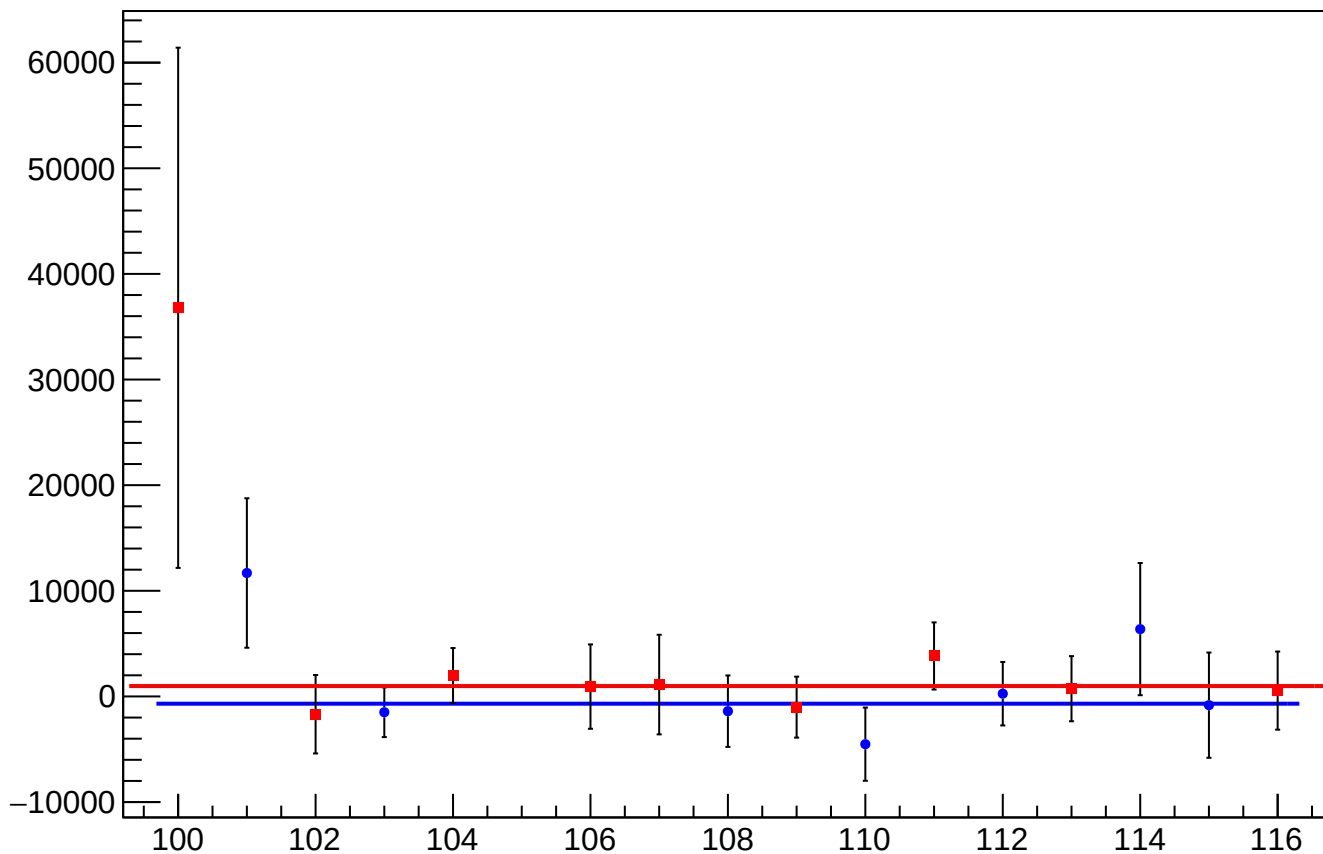
Right: 1750.215+/-0.524 χ^2/NDF : 952438.8/15

In: 1750.891+/-0.778 χ^2/NDF :470338.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1750.215+/-0.524 χ^2/NDF : 952438.8/15

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -687.375+/-1351.246 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.254+/-1172.753 χ^2/NDF : 4.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

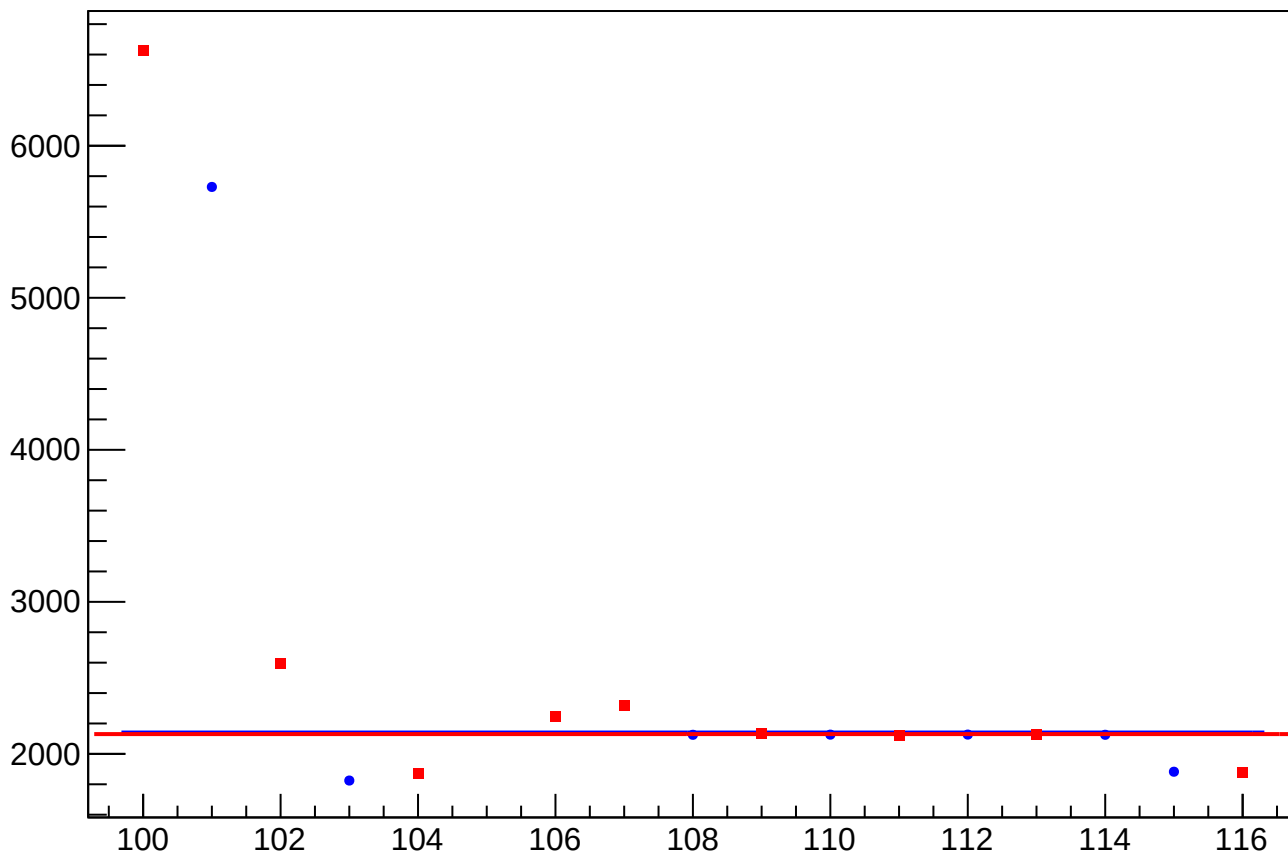
Right: 266.065+/-885.694 χ^2/NDF : 10.8/15

In: -687.375+/-1351.246 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.065+/-885.694 χ^2/NDF : 10.8/15

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2140.391+/-0.955 χ^2/NDF : 556065.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2130.171+/-0.829 χ^2/NDF : 131508.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

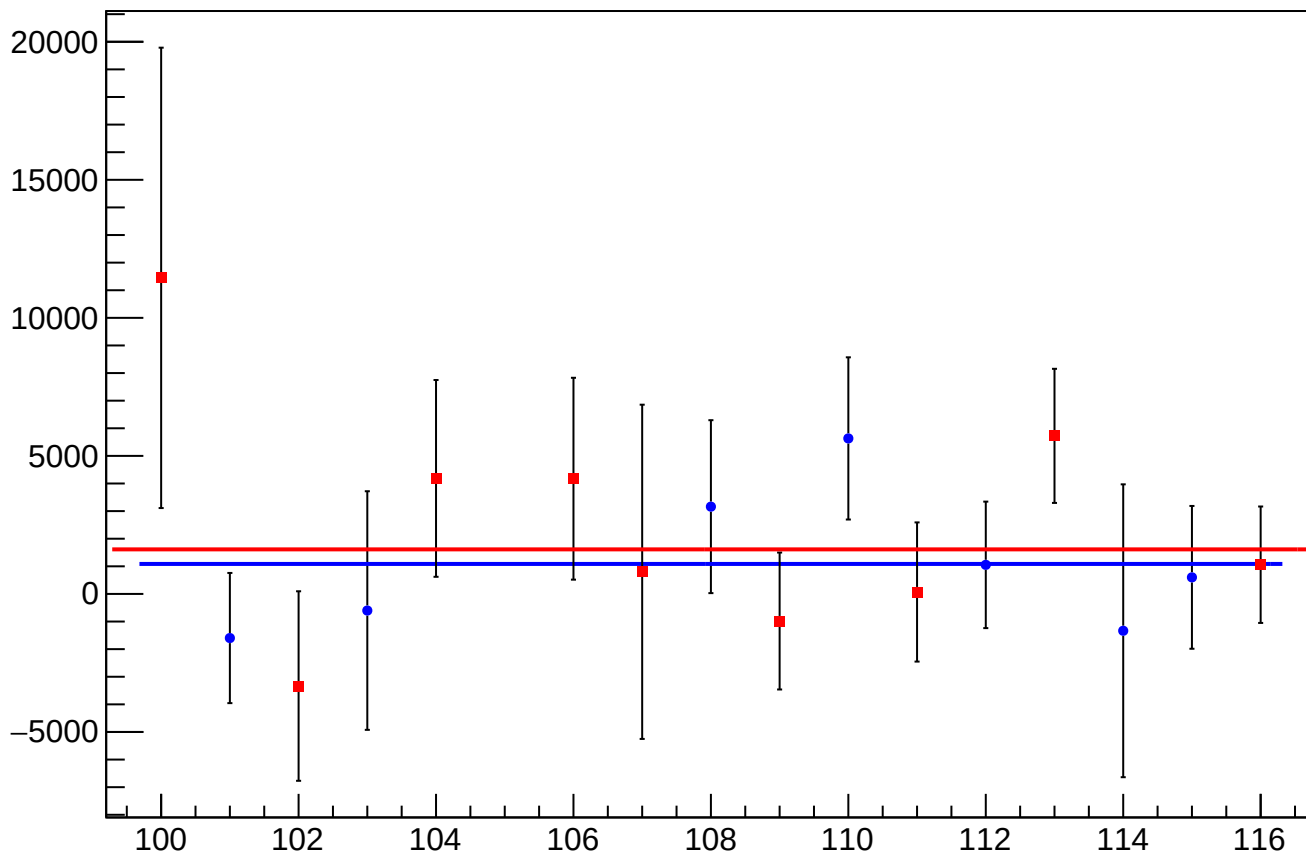
Right: 2134.562+/-0.626 χ^2/NDF : 687639.0/15

In: 2140.391+/-0.955 χ^2/NDF : 556065.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.562+/-0.626 χ^2/NDF : 687639.0/15

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1086.211+/-1099.741 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1613.837+/-1002.778 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

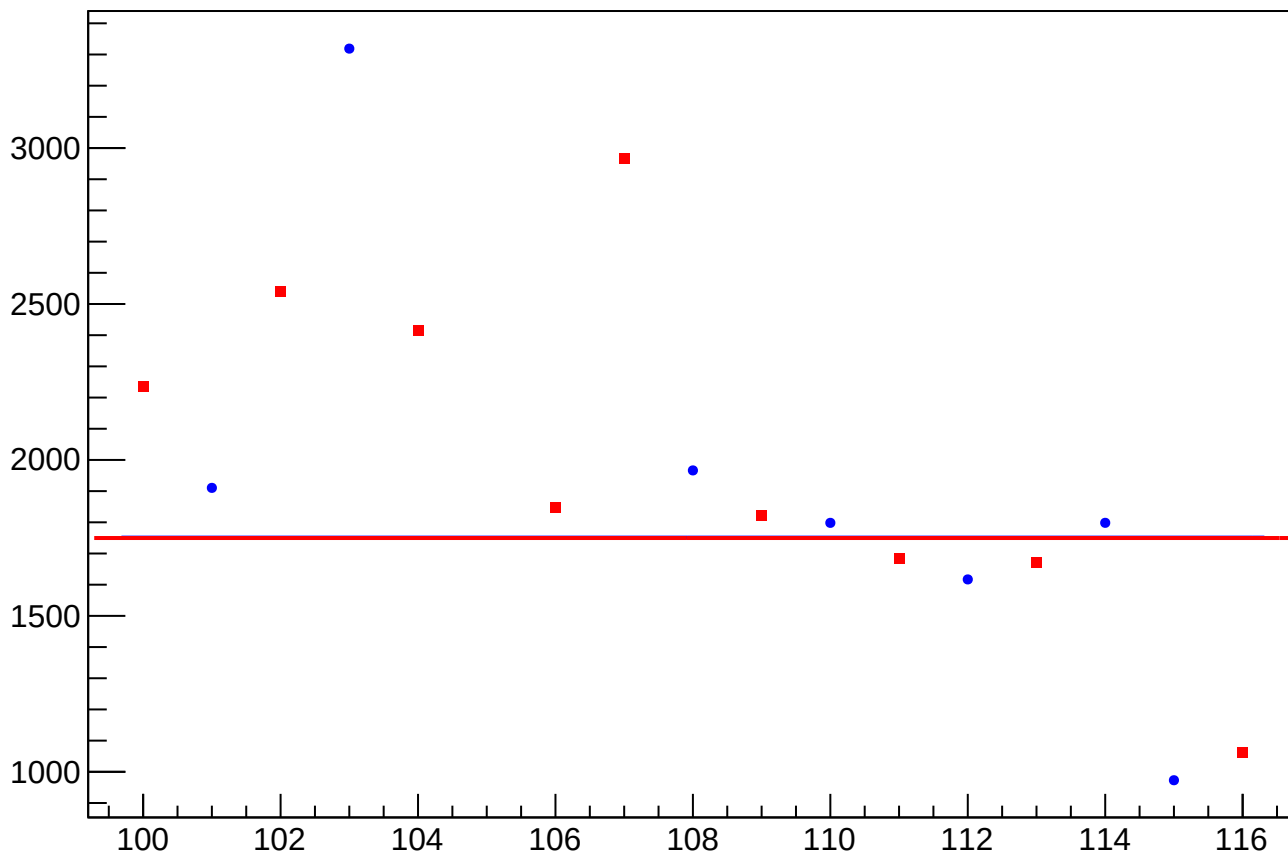
Right: 1374.305+/-740.984 χ^2/NDF : 13.6/15

In: 1086.211+/-1099.741 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.305+/-740.984 χ^2/NDF : 13.6/15

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1750.891+/-0.778 χ^2/NDF : 470338.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1749.653+/-0.709 χ^2/NDF : 482098.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

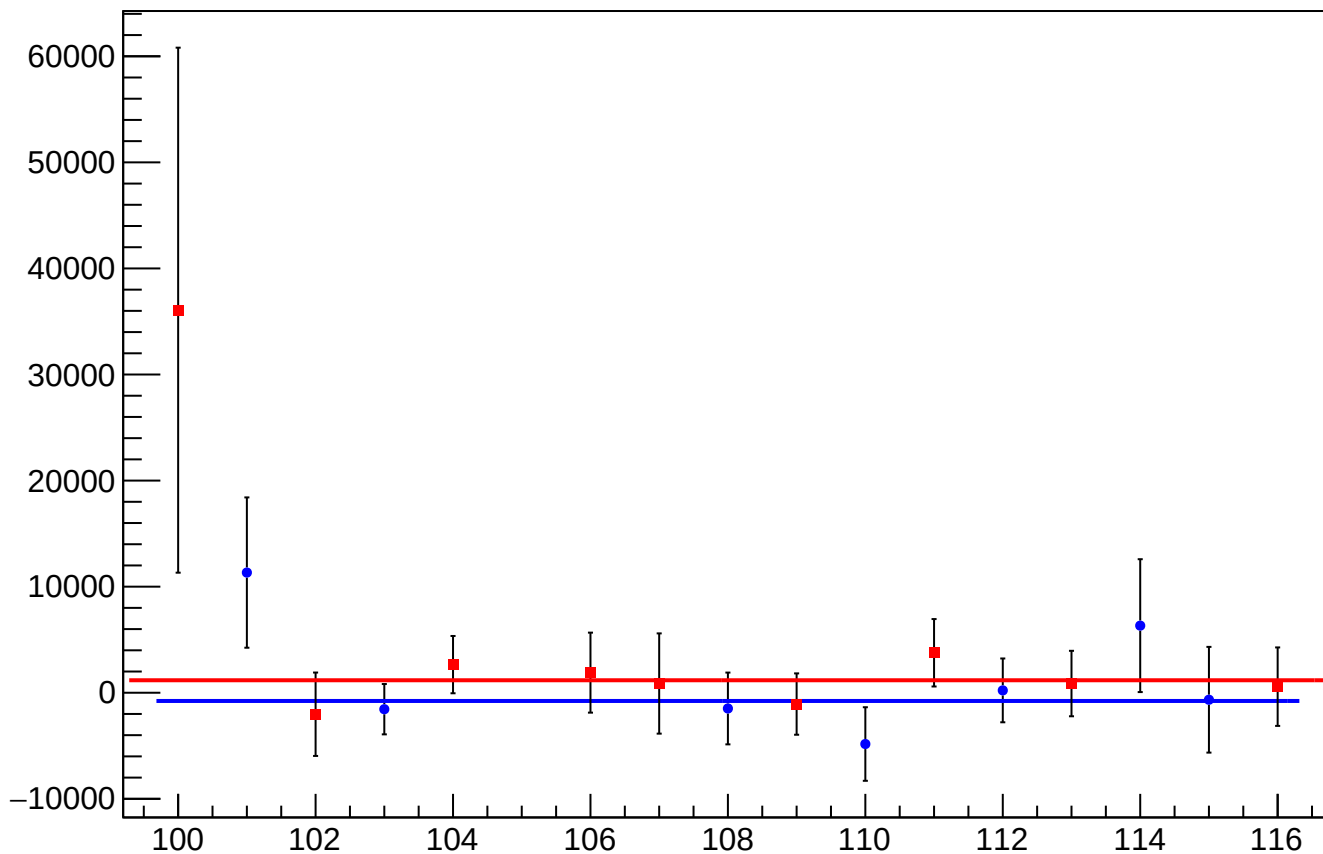
Right: 1750.215+/-0.524 χ^2/NDF : 952438.8/15

In: 1750.891+/-0.778 χ^2/NDF : 470338.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.215+/-0.524 χ^2/NDF : 952438.8/15

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -775.493+/-1355.300 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.589+/-1182.427 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

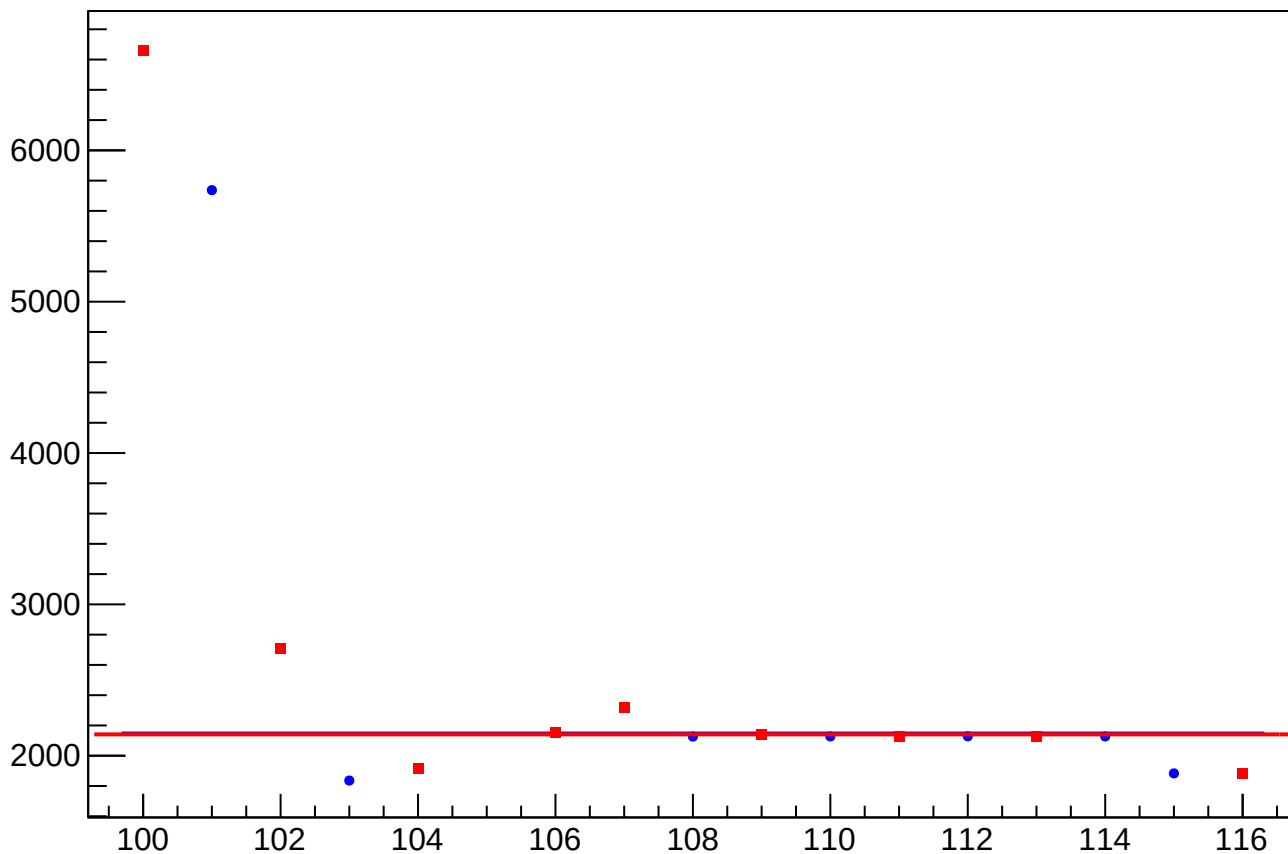
Right: 332.912+/-890.994 χ^2/NDF : 11.3/15

In: -775.493+/-1355.300 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.912+/-890.994 χ^2/NDF : 11.3/15

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2146.422+/-0.958 χ^2/NDF : 553749.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2141.119+/-0.836 χ^2/NDF : 135790.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

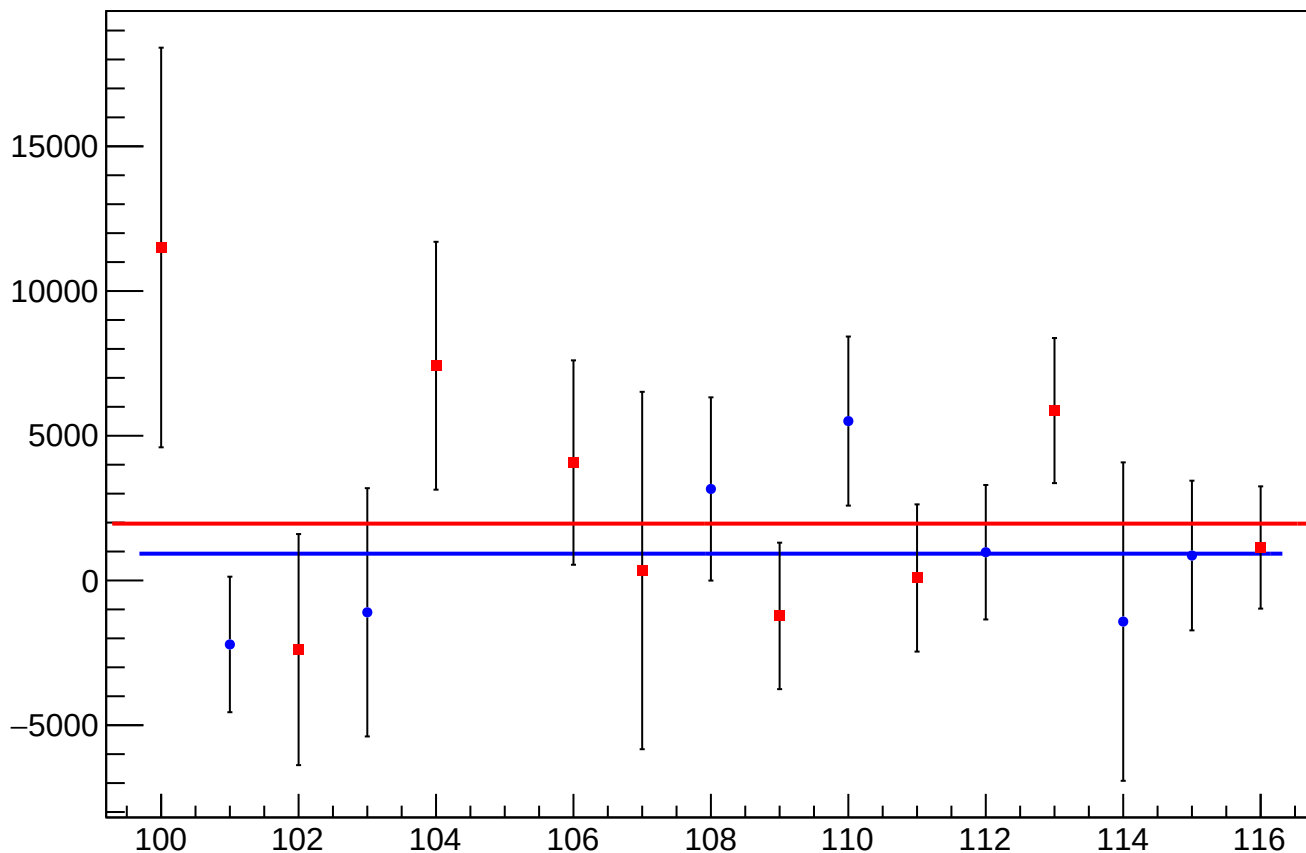
Right: 2143.411+/-0.630 χ^2/NDF : 689557.1/15

In: 2146.422+/-0.958 χ^2/NDF : 553749.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.411+/-0.630 χ^2/NDF : 689557.1/15

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 925.932+/-1103.114 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1963.745+/-1032.055 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

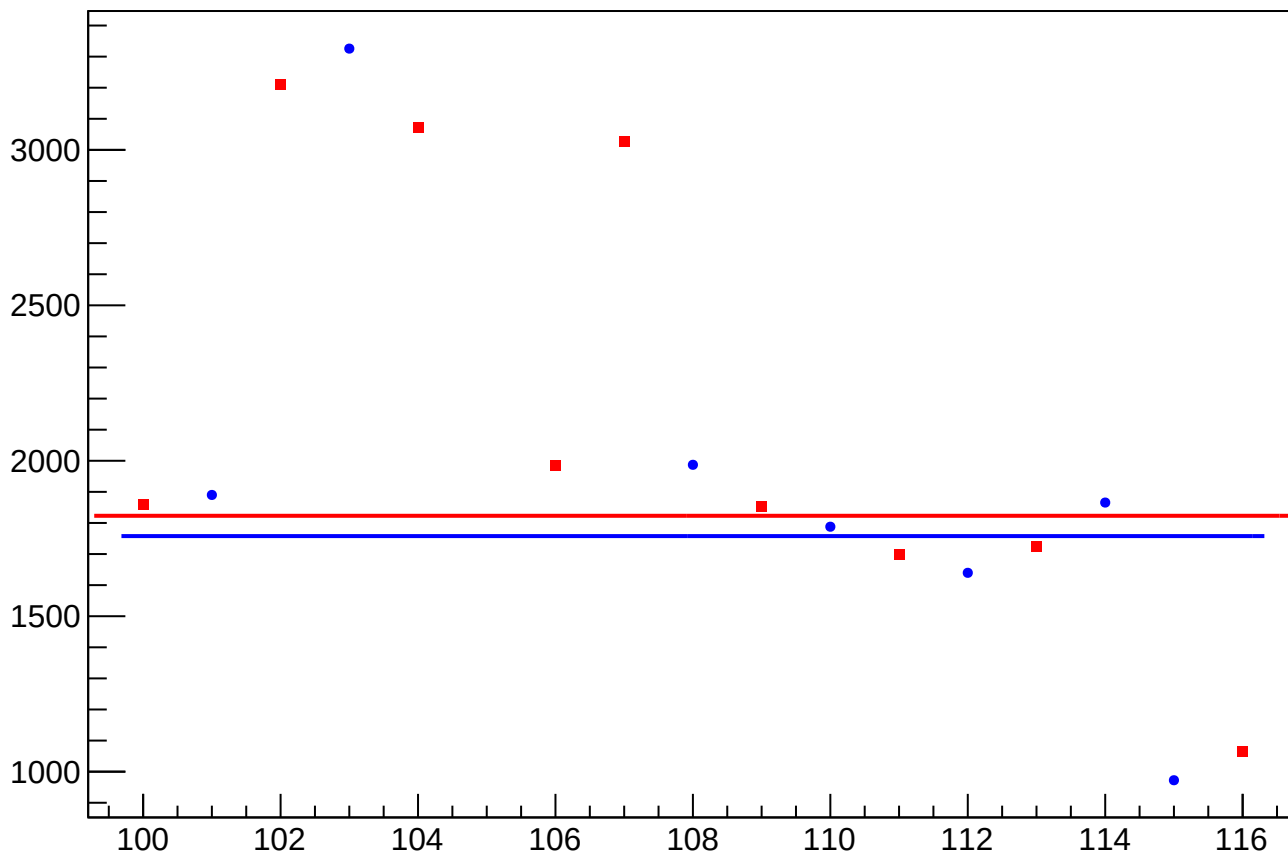
Right: 1479.338+/-753.643 χ^2/NDF : 15.5/15

In: 925.932+/-1103.114 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.338+/-753.643 χ^2/NDF : 15.5/15

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1757.747+/-0.780 χ^2/NDF : 474850.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1823.060+/-0.730 χ^2/NDF : 757920.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

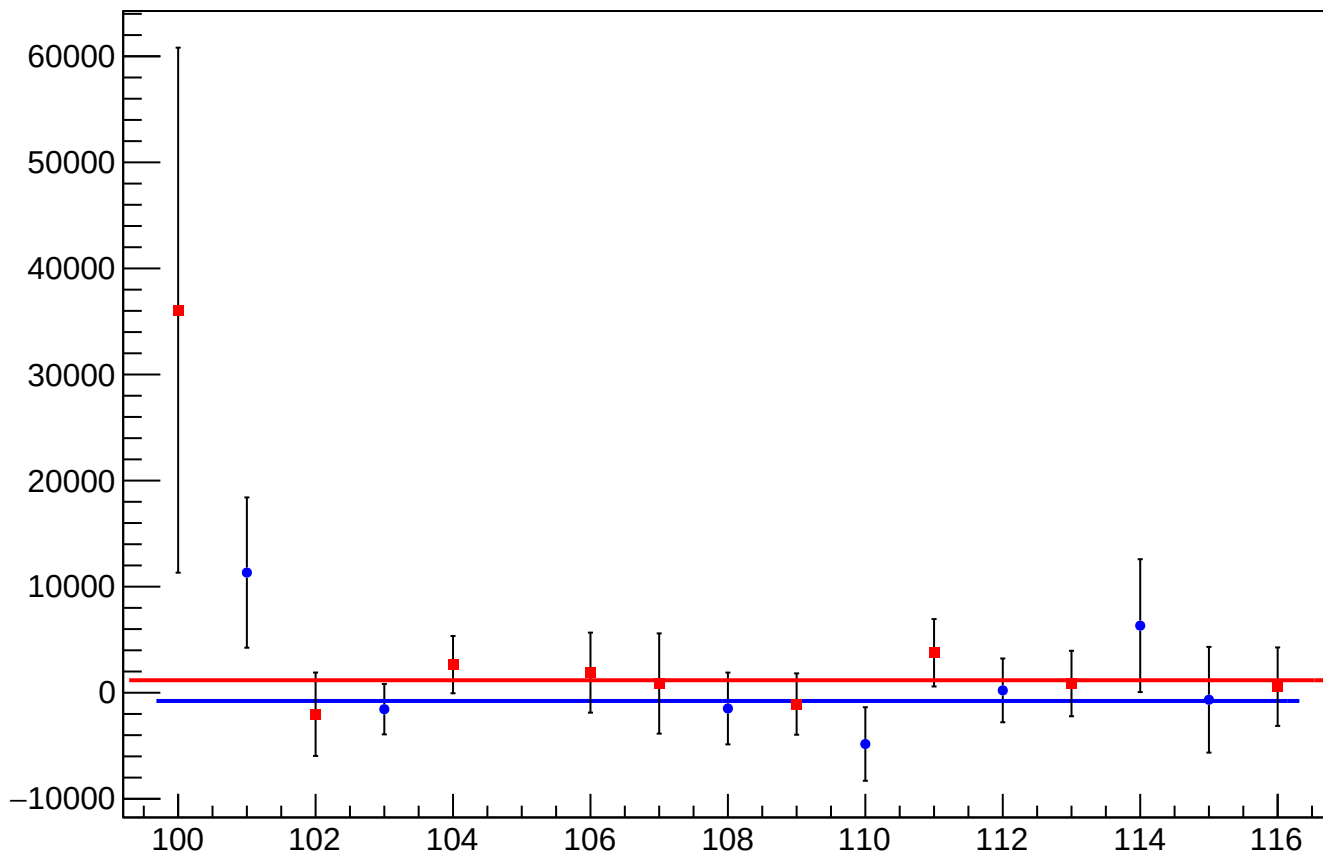
Right: 1792.575+/-0.533 χ^2/NDF : 1236510.0/15

In: 1757.747+/-0.780 χ^2/NDF : 474850.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1792.575+/-0.533 χ^2/NDF : 1236510.0/15

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -775.493+/-1355.300 χ^2/NDF : 5.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.588+/-1182.427 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

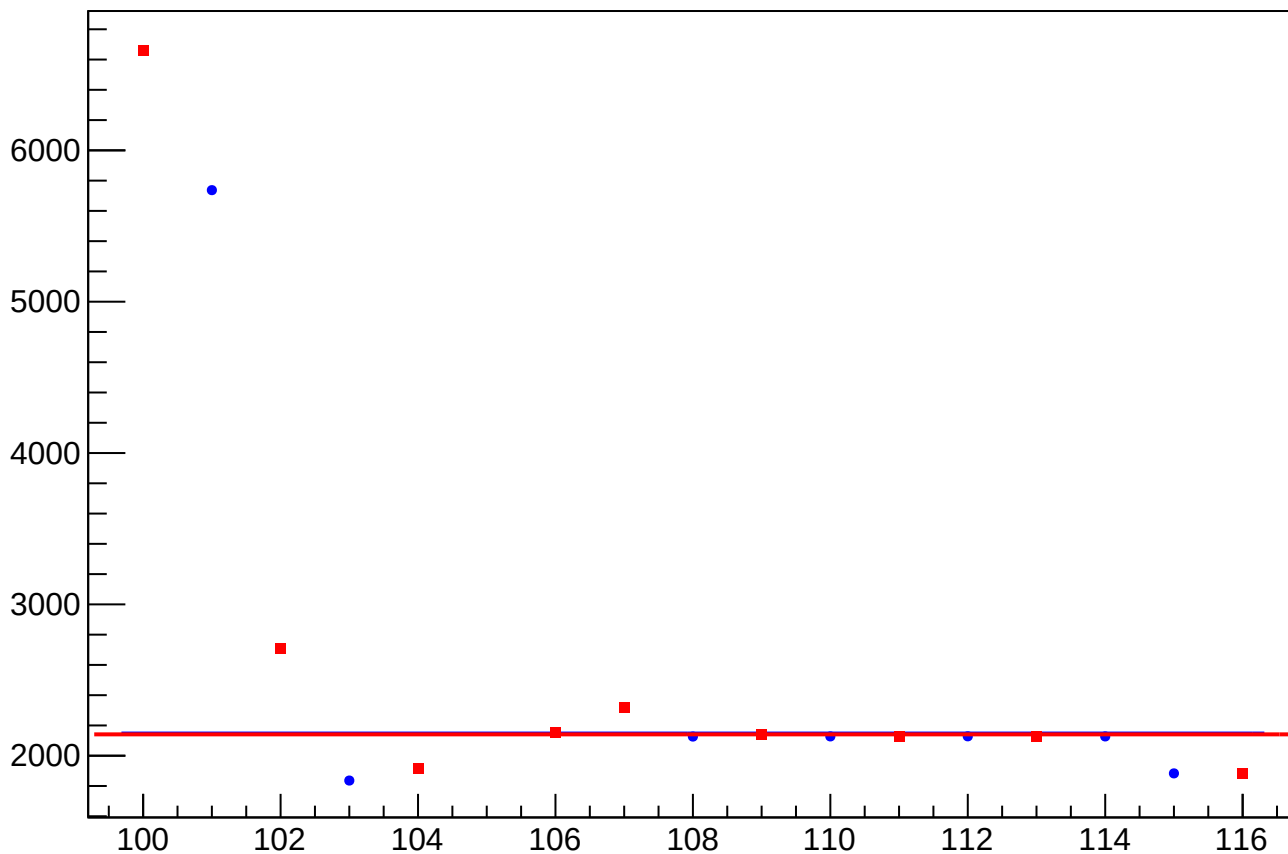
Right: 332.911+/-890.993 χ^2/NDF : 11.3/15

In: -775.493+/-1355.300 χ^2/NDF : 5.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.911+/-890.993 χ^2/NDF : 11.3/15

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2146.422+/-0.958 χ^2/NDF : 553749.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2141.119+/-0.836 χ^2/NDF : 135790.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

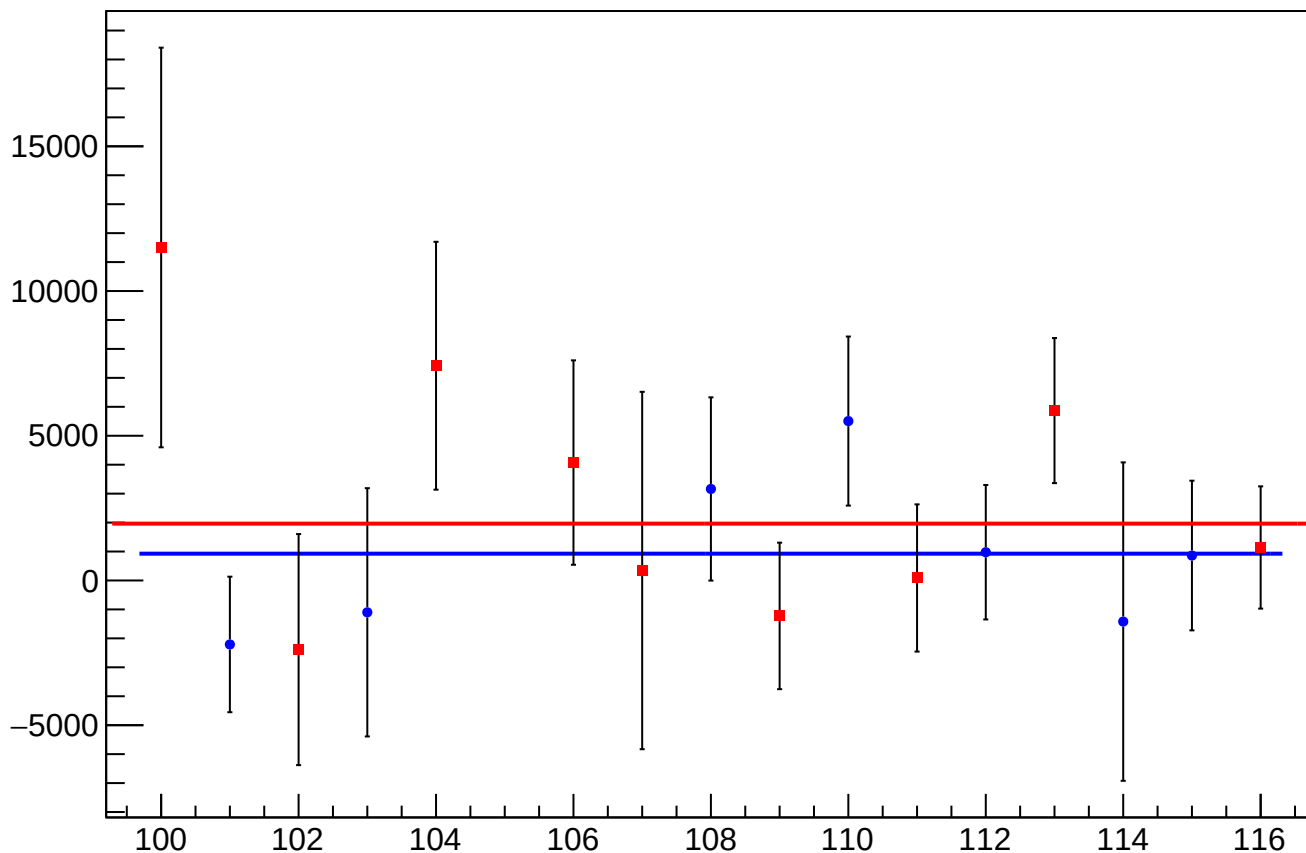
Right: 2143.411+/-0.630 χ^2/NDF : 689557.3/15

In: 2146.422+/-0.958 χ^2/NDF : 553749.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.411+/-0.630 χ^2/NDF : 689557.3/15

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 925.933+/-1103.112 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1963.739+/-1032.054 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

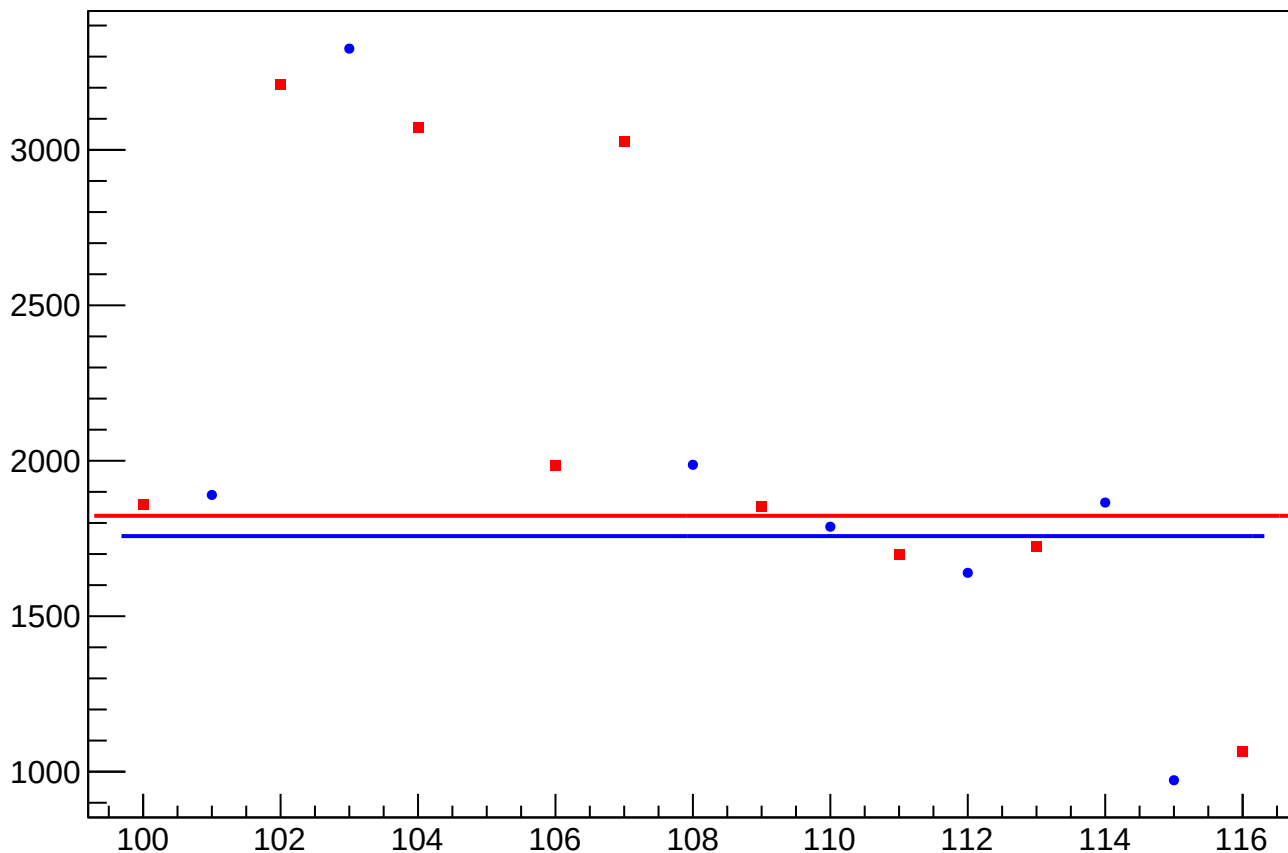
Right: 1479.336+/-753.642 χ^2/NDF : 15.5/15

In: 925.933+/-1103.112 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.336+/-753.642 χ^2/NDF : 15.5/15

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1757.743+/-0.780 χ^2/NDF : 474854.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1823.056+/-0.730 χ^2/NDF : 757928.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

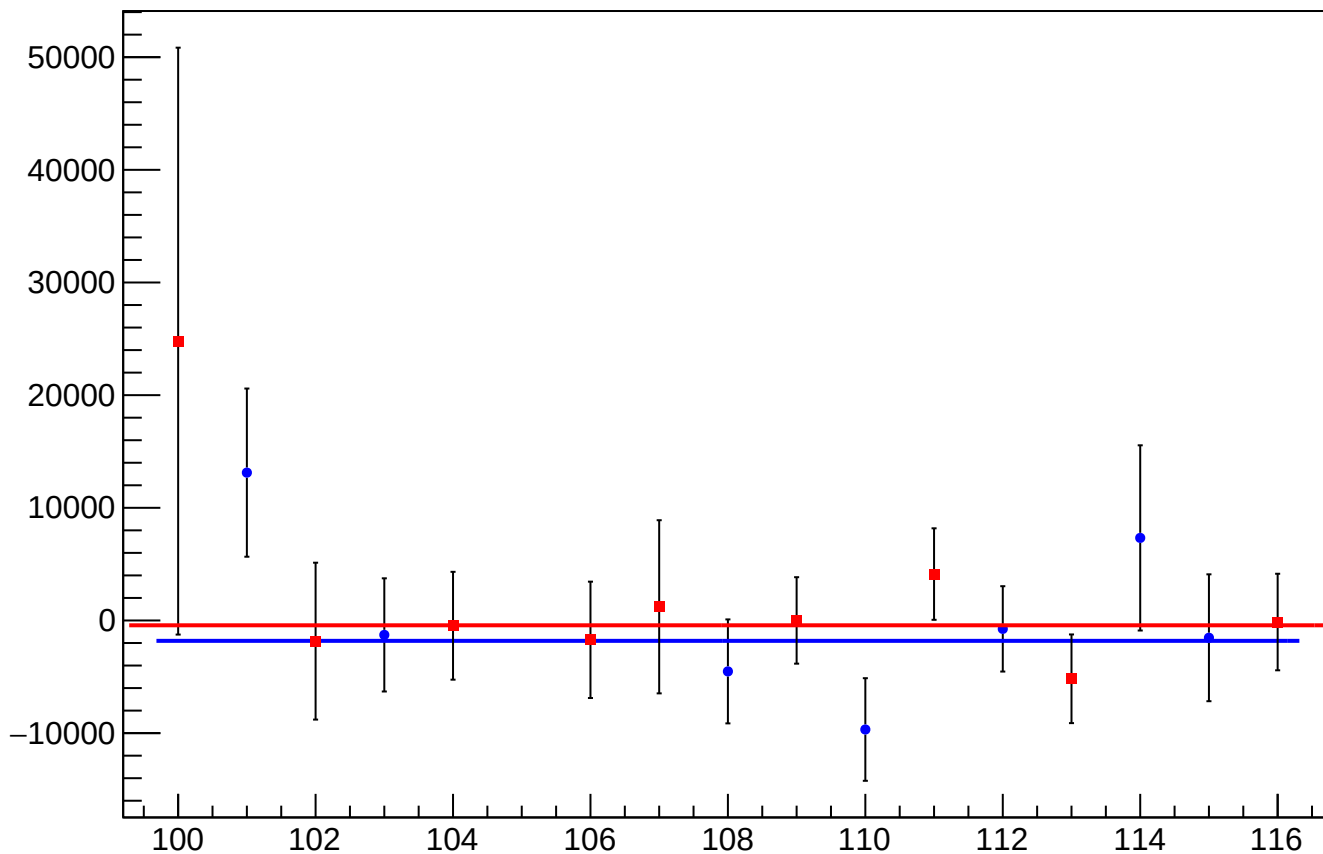
Right: 1792.571+/-0.533 χ^2/NDF : 1236521.3/15

In: 1757.743+/-0.780 χ^2/NDF : 474854.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1792.571+/-0.533 χ^2/NDF : 1236521.3/15

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1808.306+/-1928.834 χ^2/NDF : 8.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -427.508+/-1648.940 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

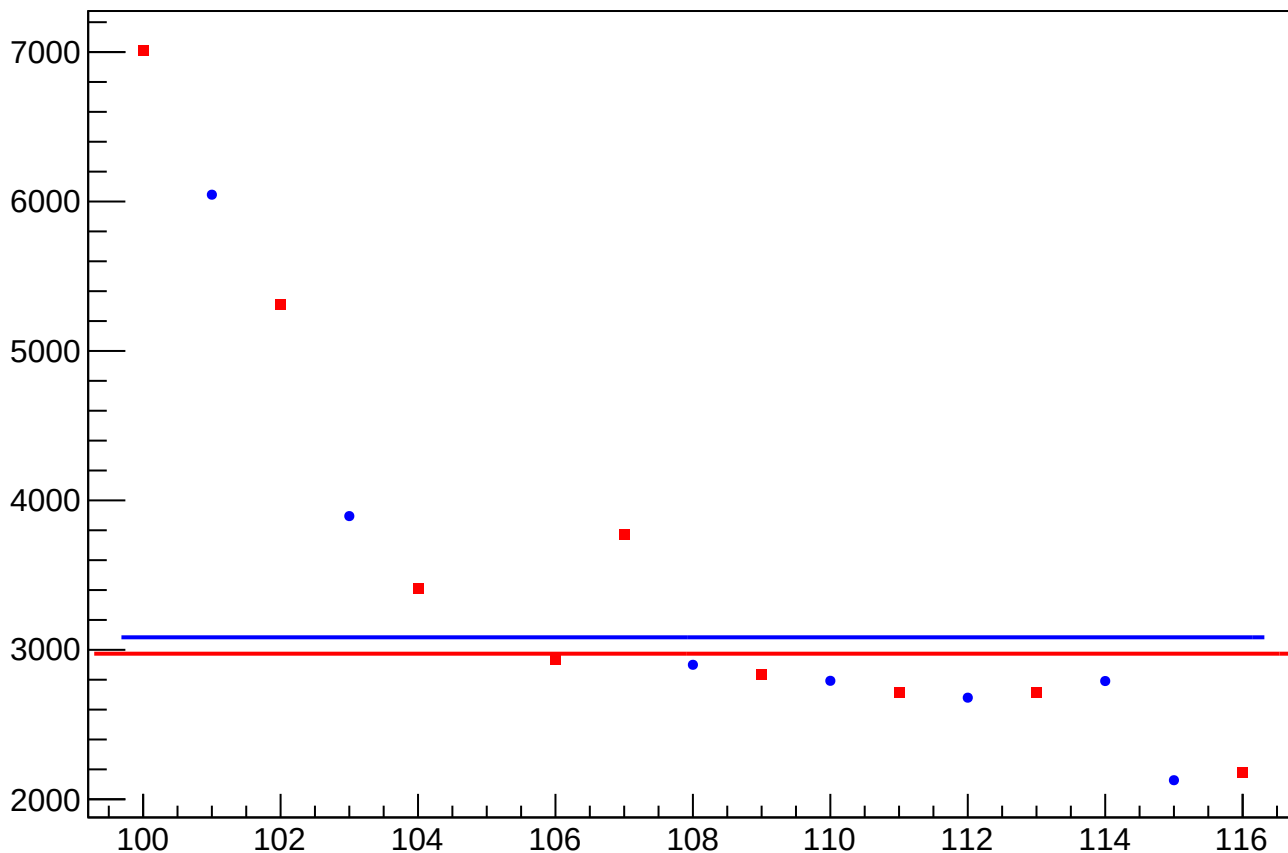
Right: -1010.542+/-1253.363 χ^2/NDF : 12.8/15

In: -1808.306+/-1928.834 χ^2/NDF : 8.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1010.542+/-1253.363 χ^2/NDF : 12.8/15

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3083.792+/-1.364 χ^2/NDF : 461354.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2974.133+/-1.166 χ^2/NDF : 400084.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

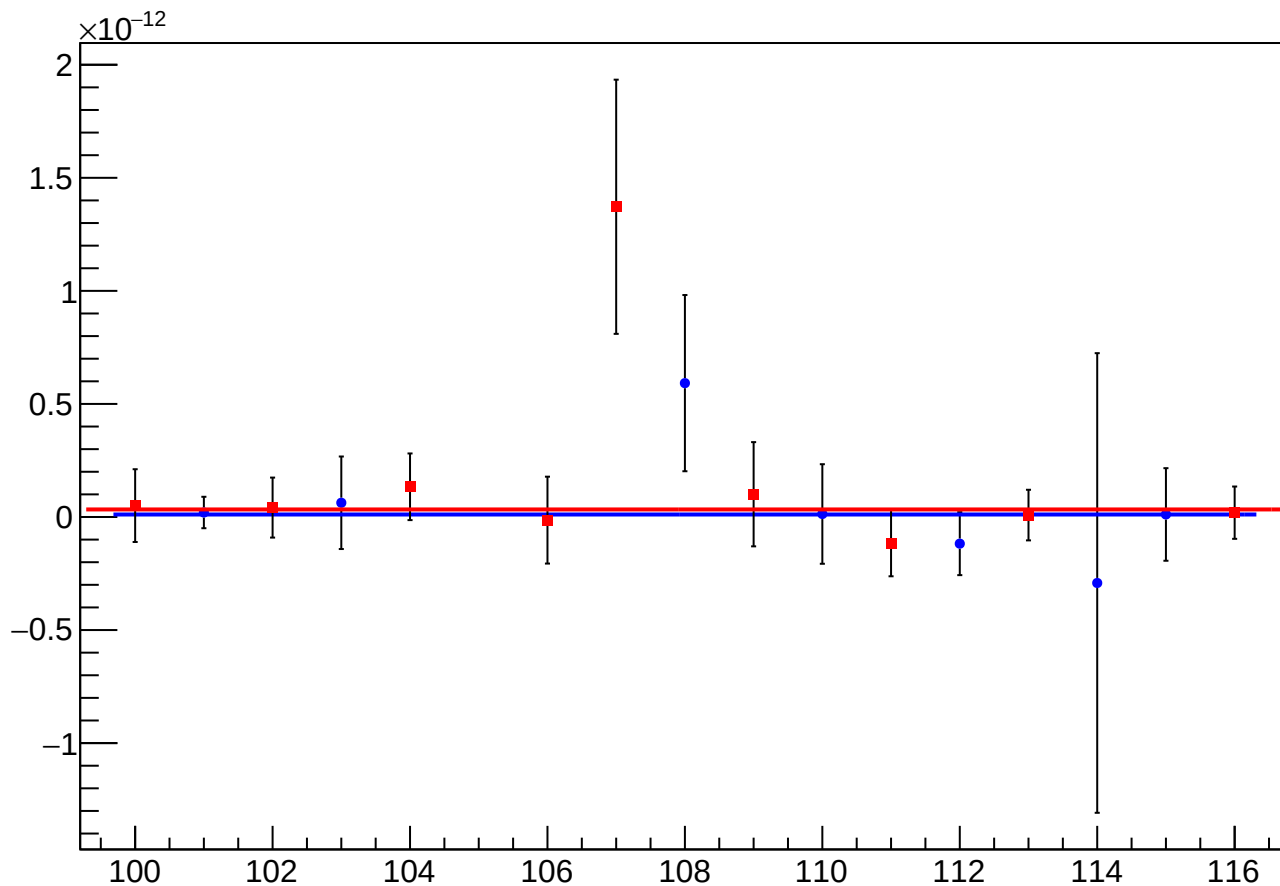
Right: 3020.435+/-0.886 χ^2/NDF : 865174.5/15

In: 3083.792+/-1.364 χ^2/NDF : 461354.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3020.435+/-0.886 χ^2/NDF : 865174.5/15

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

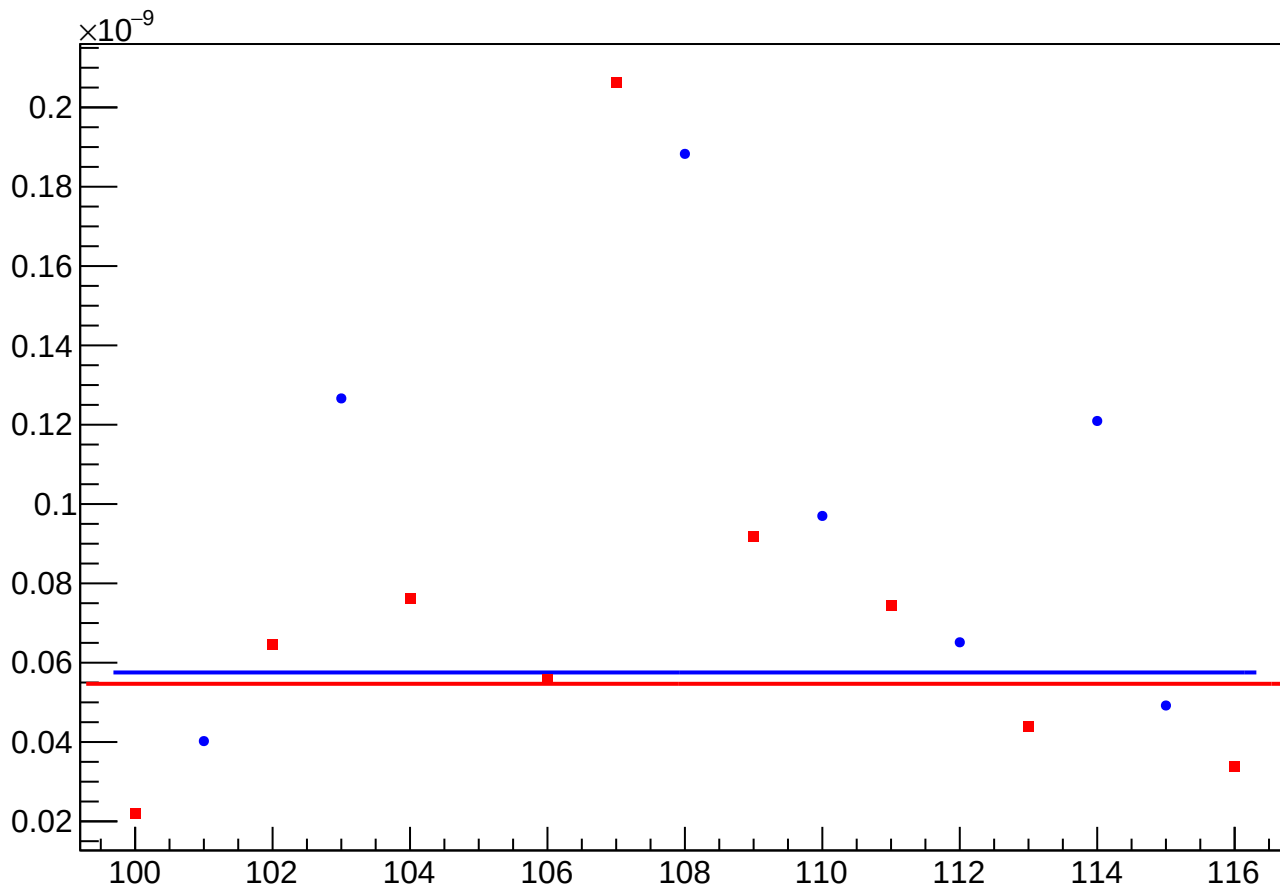
Right: 0.000+/-0.000 χ^2/NDF : 10.7/15

In: 0.000+/-0.000 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/15

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 658568.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 452478.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

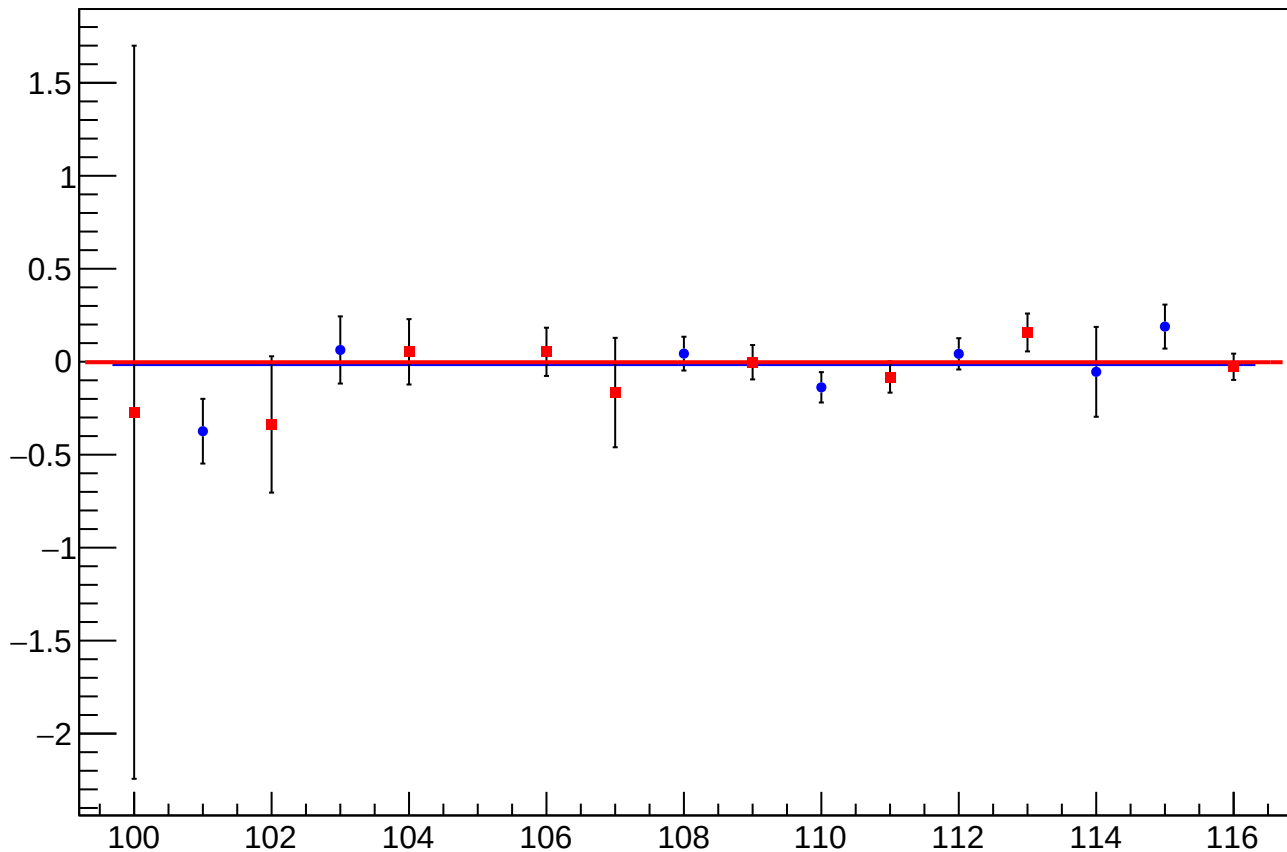
Right: 0.000+/-0.000 χ^2/NDF : 1113997.5/15

In: 0.000+/-0.000 χ^2/NDF :658568.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1113997.5/15

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.042 χ^2 /NDF: 10.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.039 χ^2 /NDF: 4.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

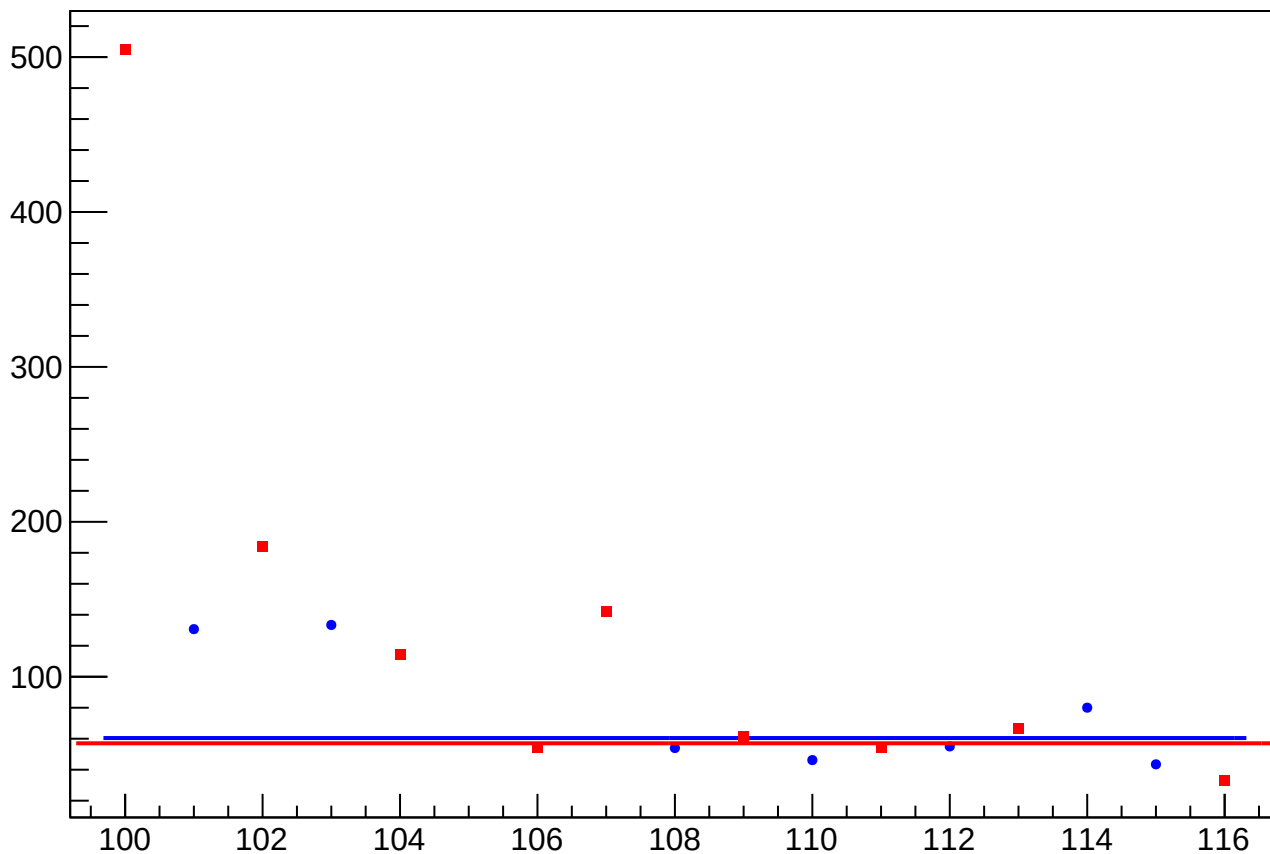
Right: -0.007 $\pm$ 0.028 χ^2 /NDF: 15.5/15

In: -0.013 $\pm$ 0.042 χ^2 /NDF:10.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.028 χ^2 /NDF: 15.5/15

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.437+/-0.030 χ^2/NDF : 786336.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.039+/-0.027 χ^2/NDF : 983647.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

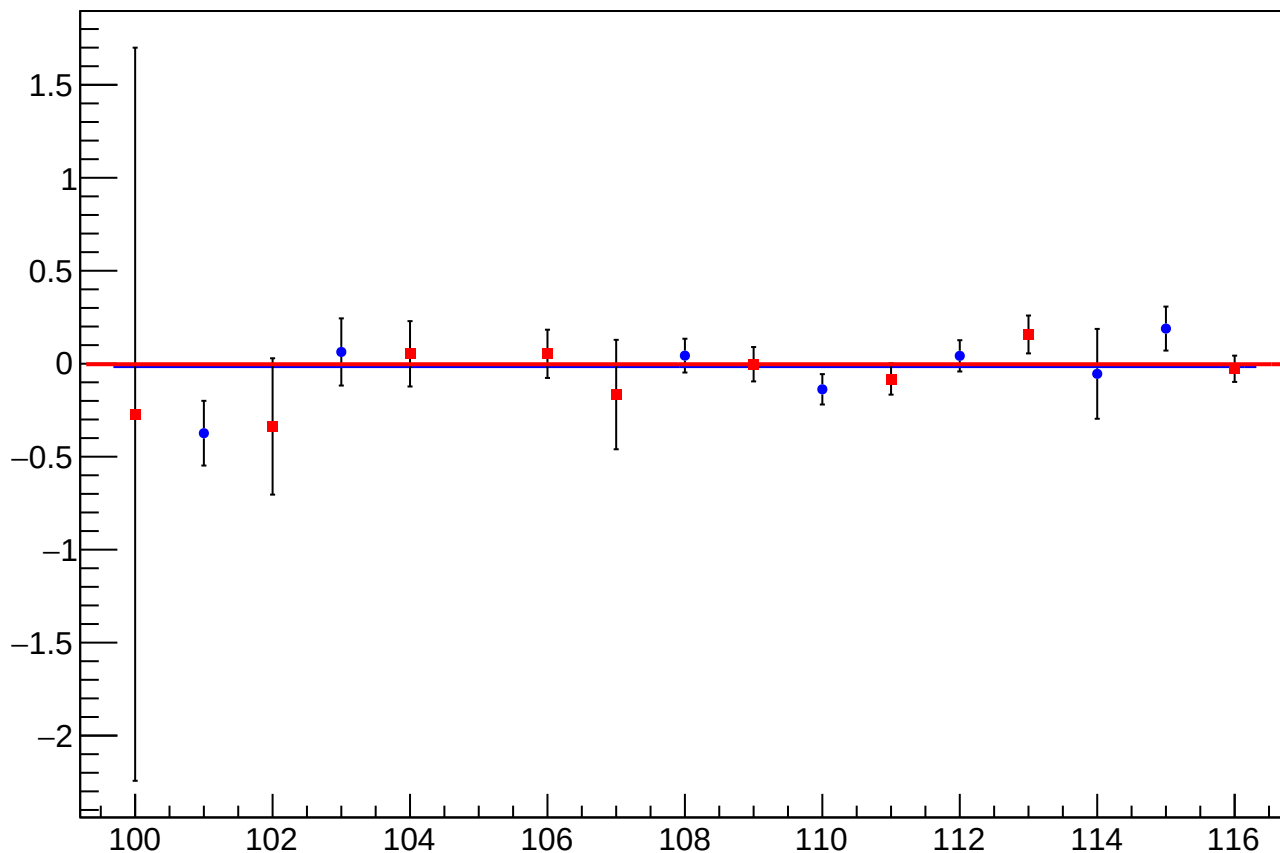
Right: 58.598+/-0.020 χ^2/NDF : 1777044.2/15

In: 60.437+/-0.030 χ^2/NDF : 786336.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.598+/-0.020 χ^2/NDF : 1777044.2/15

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.042 χ^2/NDF : 10.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.039 χ^2/NDF : 4.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

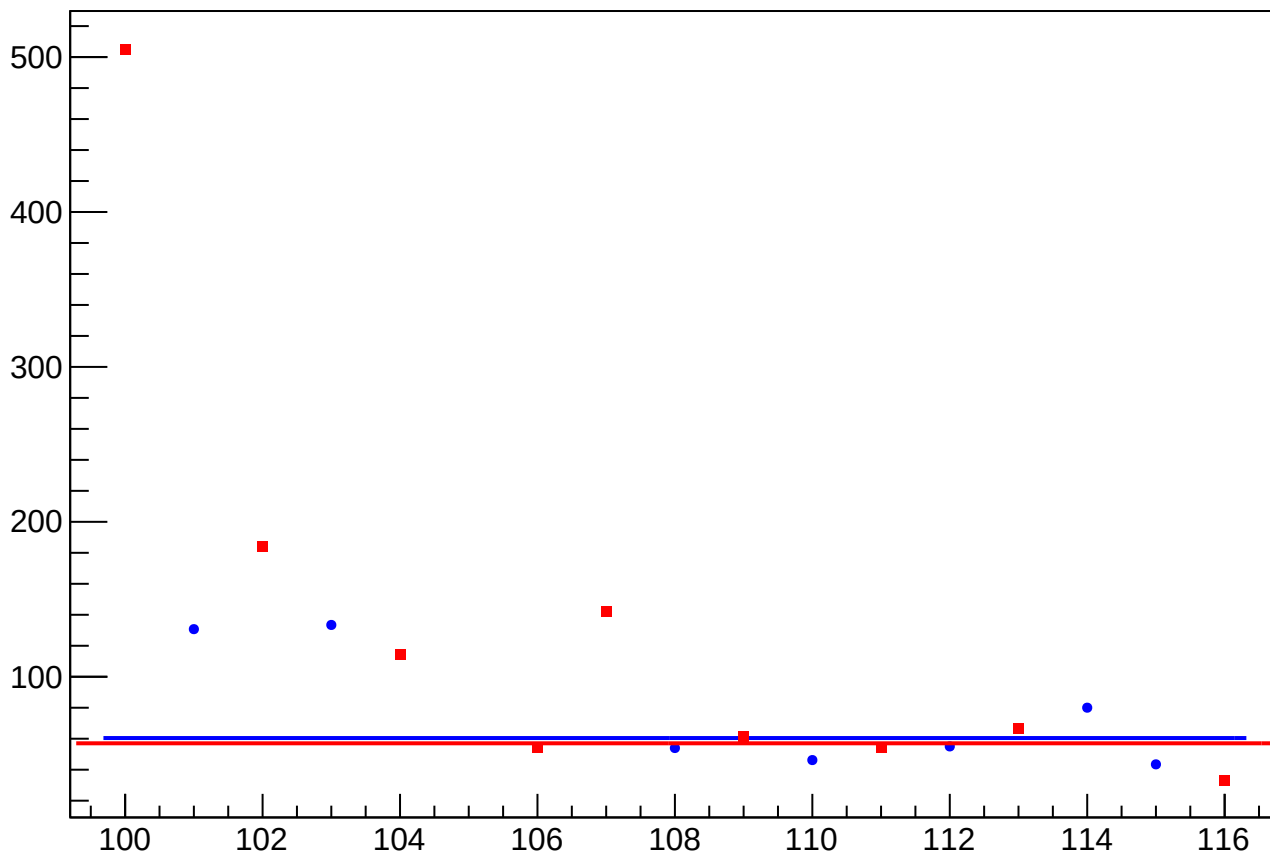
Right: -0.007+/-0.028 χ^2/NDF : 15.5/15

In: -0.013+/-0.042 χ^2/NDF : 10.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.028 χ^2/NDF : 15.5/15

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.437+/-0.030 χ^2/NDF : 786336.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.039+/-0.027 χ^2/NDF : 983647.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

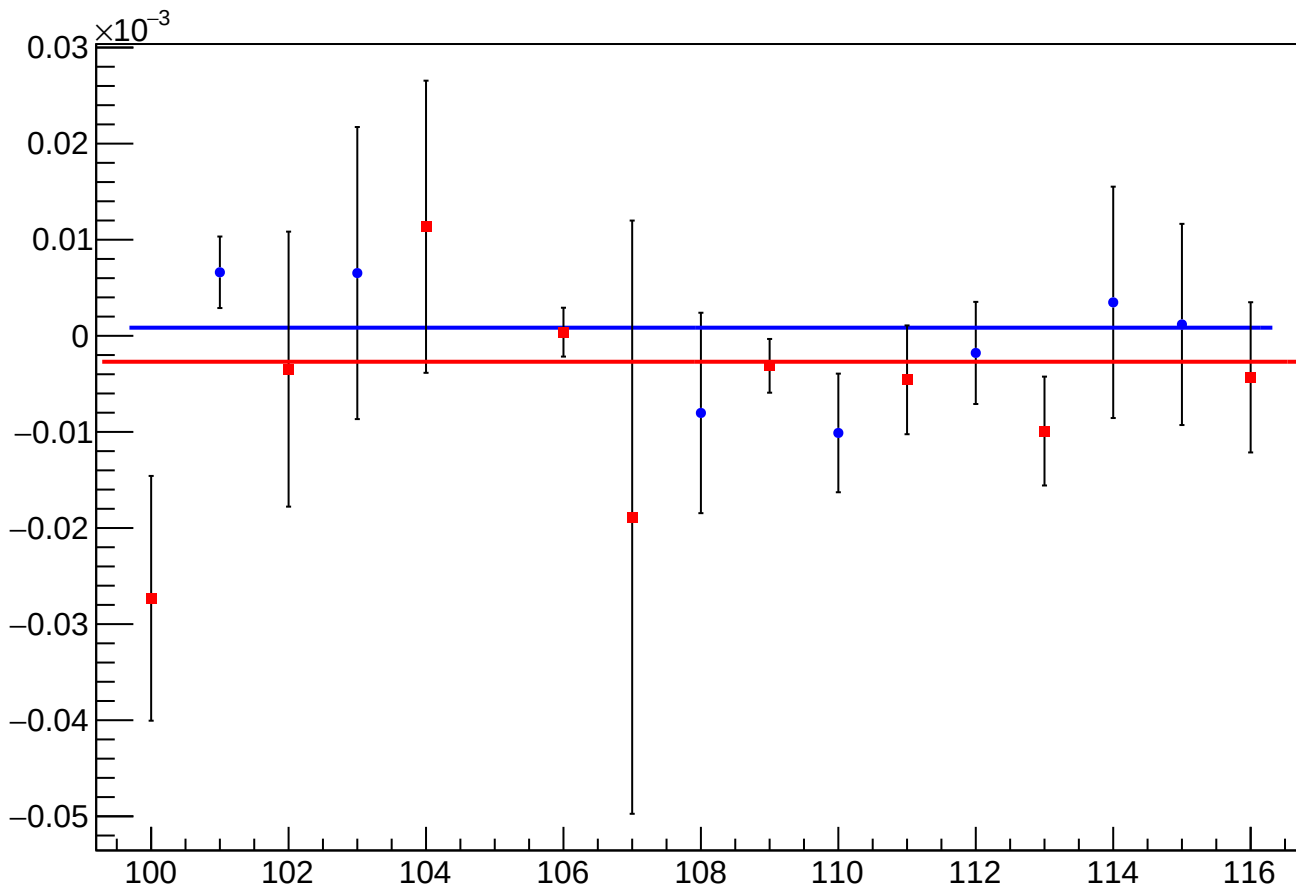
Right: 58.598+/-0.020 χ^2/NDF : 1777044.2/15

In: 60.437+/-0.030 χ^2/NDF : 786336.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.598+/-0.020 χ^2/NDF : 1777044.2/15

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 : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

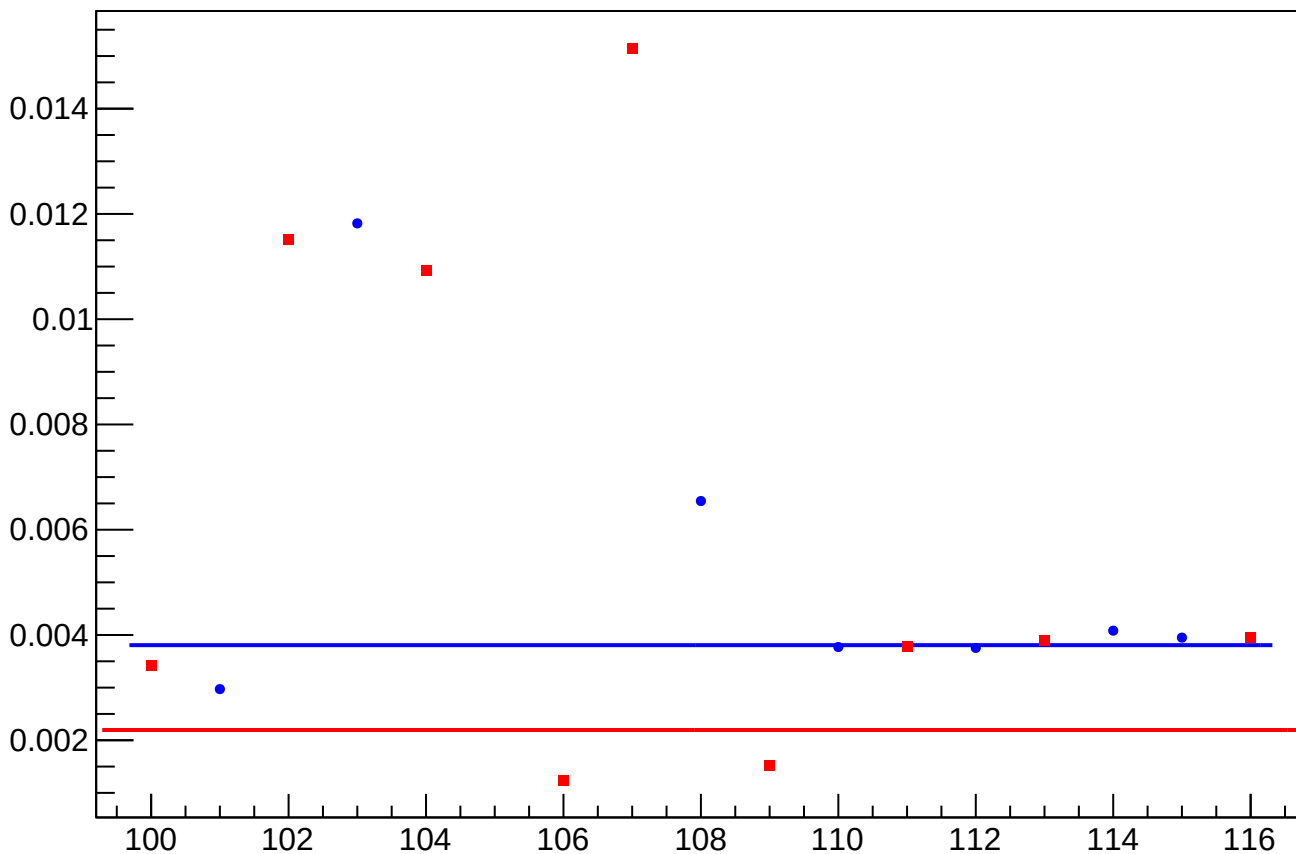
Right: -0.000+/-0.000 χ^2/NDF : 16.3/15

In: 0.000+/-0.000 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/15

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 : 796563.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2723312.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

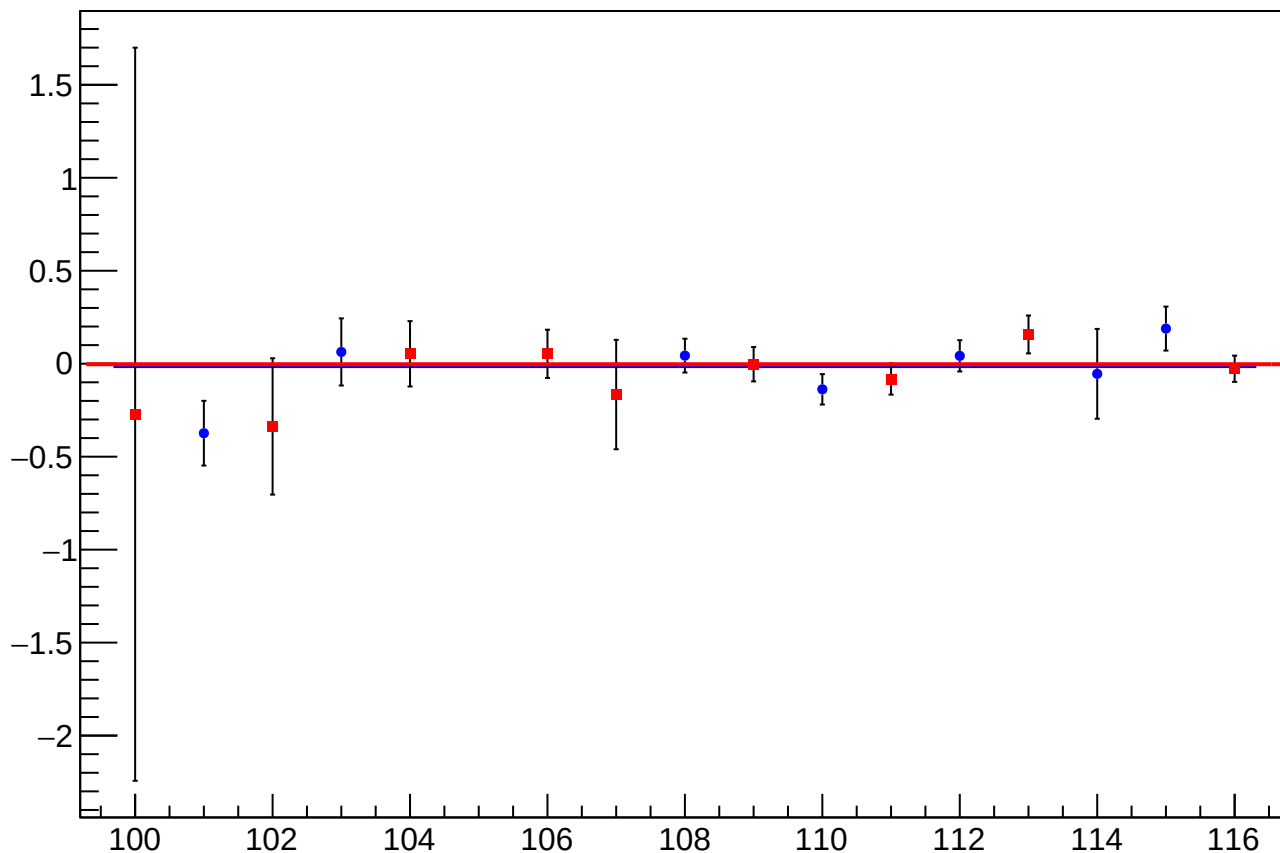
Right: 0.003+/-0.000 χ^2/NDF : 4112902.3/15

In: 0.004+/-0.000 χ^2/NDF : 796563.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4112902.3/15

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.042 χ^2 /NDF: 10.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.003+/-0.039 χ^2 /NDF: 4.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

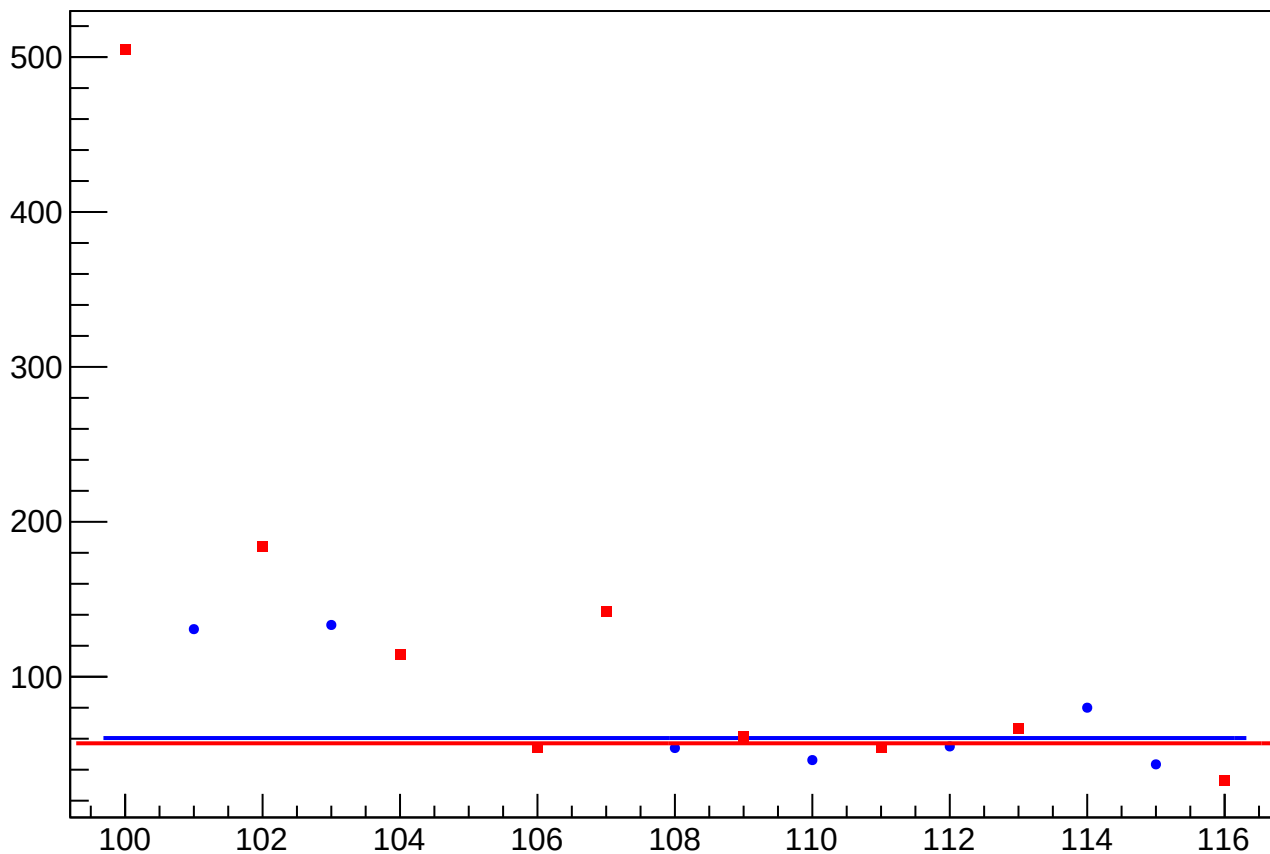
Right: -0.007+/-0.028 χ^2 /NDF: 15.5/15

In: -0.013+/-0.042 χ^2 /NDF:10.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.007+/-0.028 χ^2 /NDF: 15.5/15

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.436 $\pm$ 0.030 χ^2 /NDF: 786295.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.038 $\pm$ 0.027 χ^2 /NDF: 983602.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

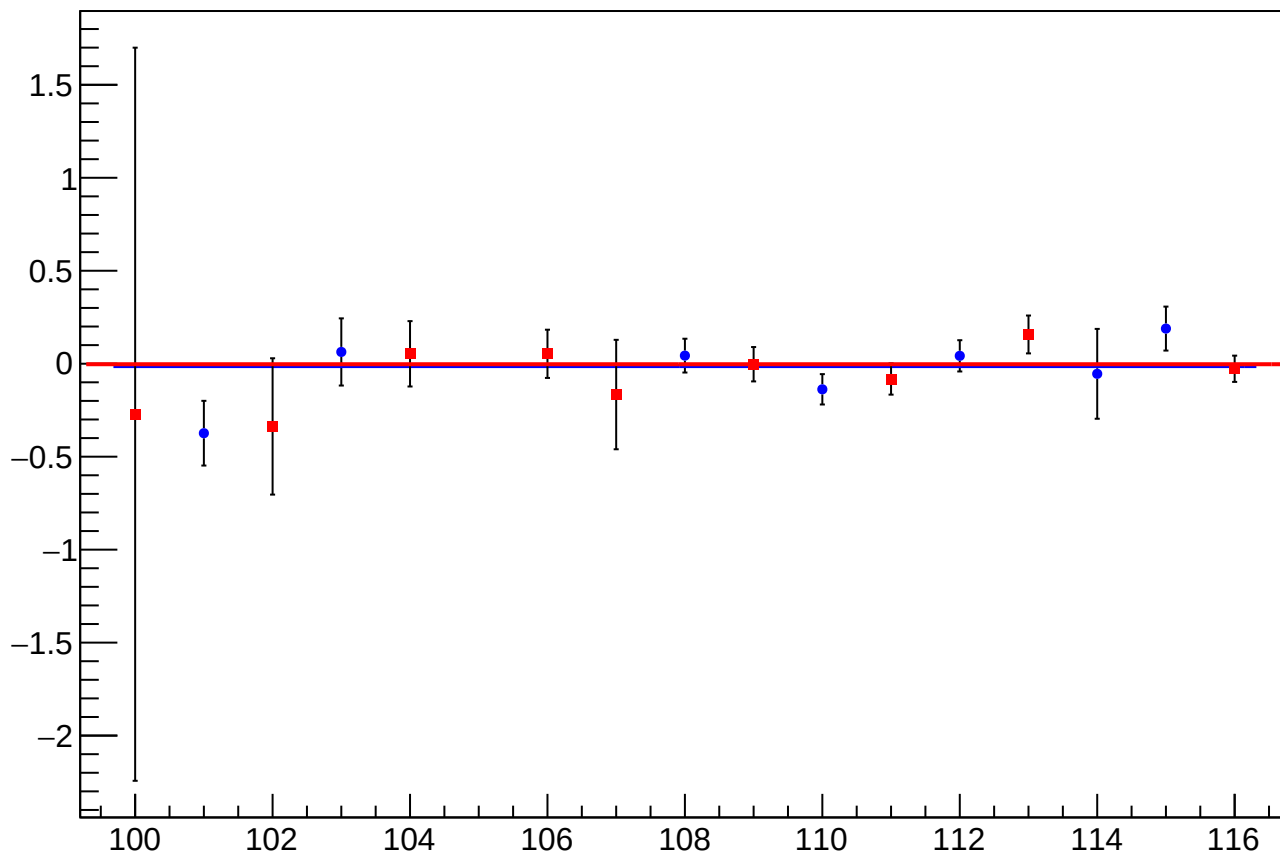
Right: 58.597 $\pm$ 0.020 χ^2 /NDF: 1776959.4/15

In: 60.436 $\pm$ 0.030 χ^2 /NDF:786295.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.597 $\pm$ 0.020 χ^2 /NDF: 1776959.4/15

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013±/0.042 χ^2 /NDF: 10.6/6

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: -0.003±/0.039 χ^2 /NDF: 4.9/8

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

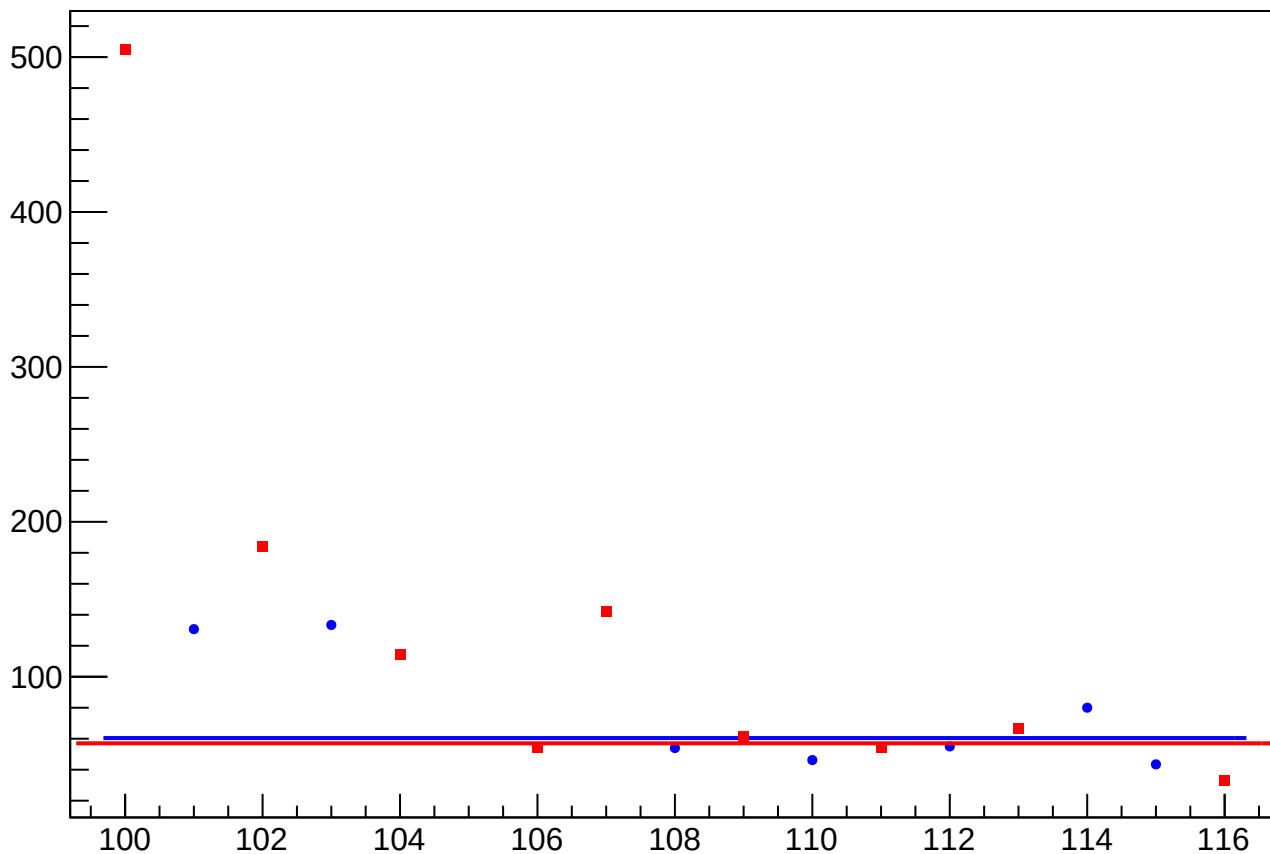
Right: -0.007±/0.028 χ^2 /NDF: 15.5/15

In: -0.013±/0.042 χ^2 /NDF:10.6/6

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.007±/0.028 χ^2 /NDF: 15.5/15

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.436+/-0.030 χ^2/NDF : 786295.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.038+/-0.027 χ^2/NDF : 983602.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

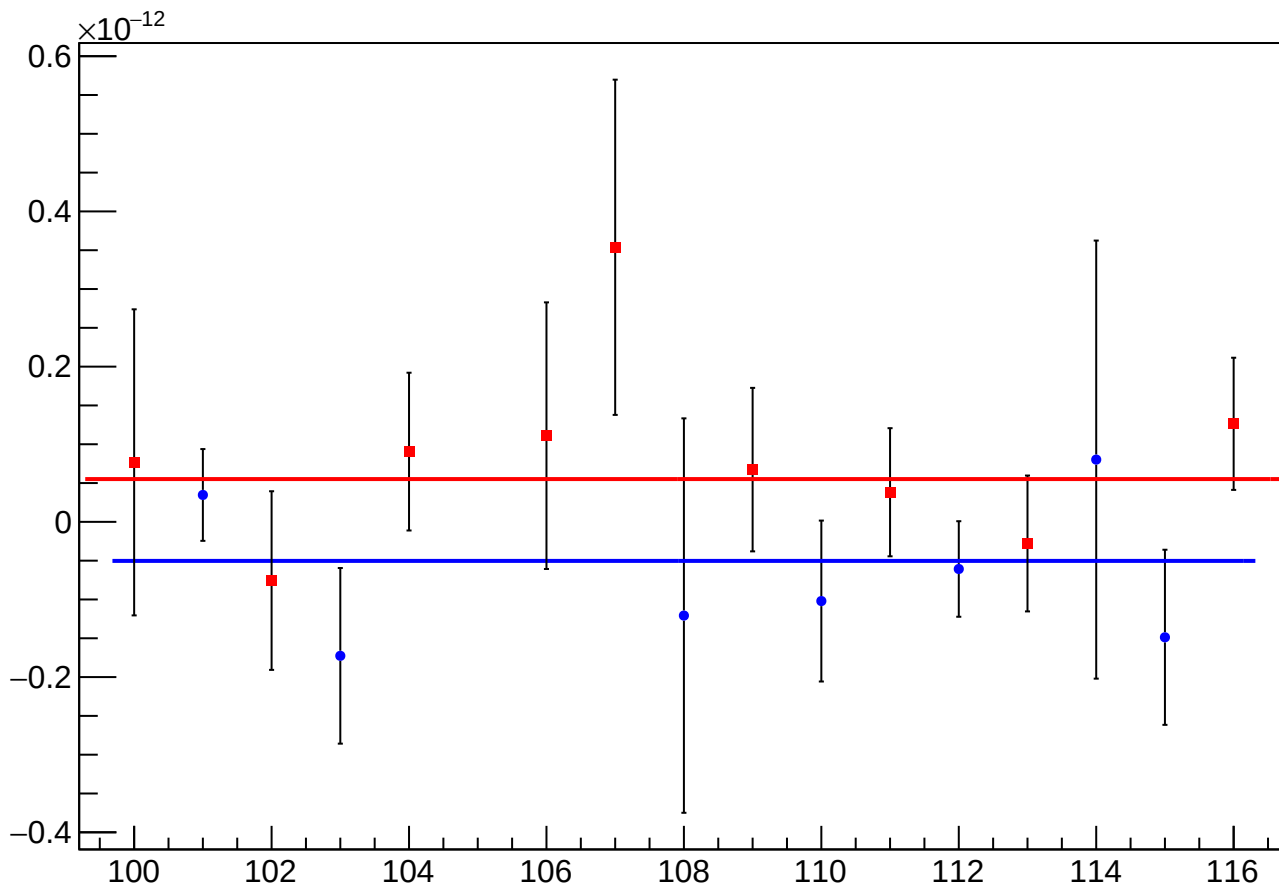
Right: 58.597+/-0.020 χ^2/NDF : 1776959.4/15

In: 60.436+/-0.030 χ^2/NDF : 786295.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.597+/-0.020 χ^2/NDF : 1776959.4/15

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 : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

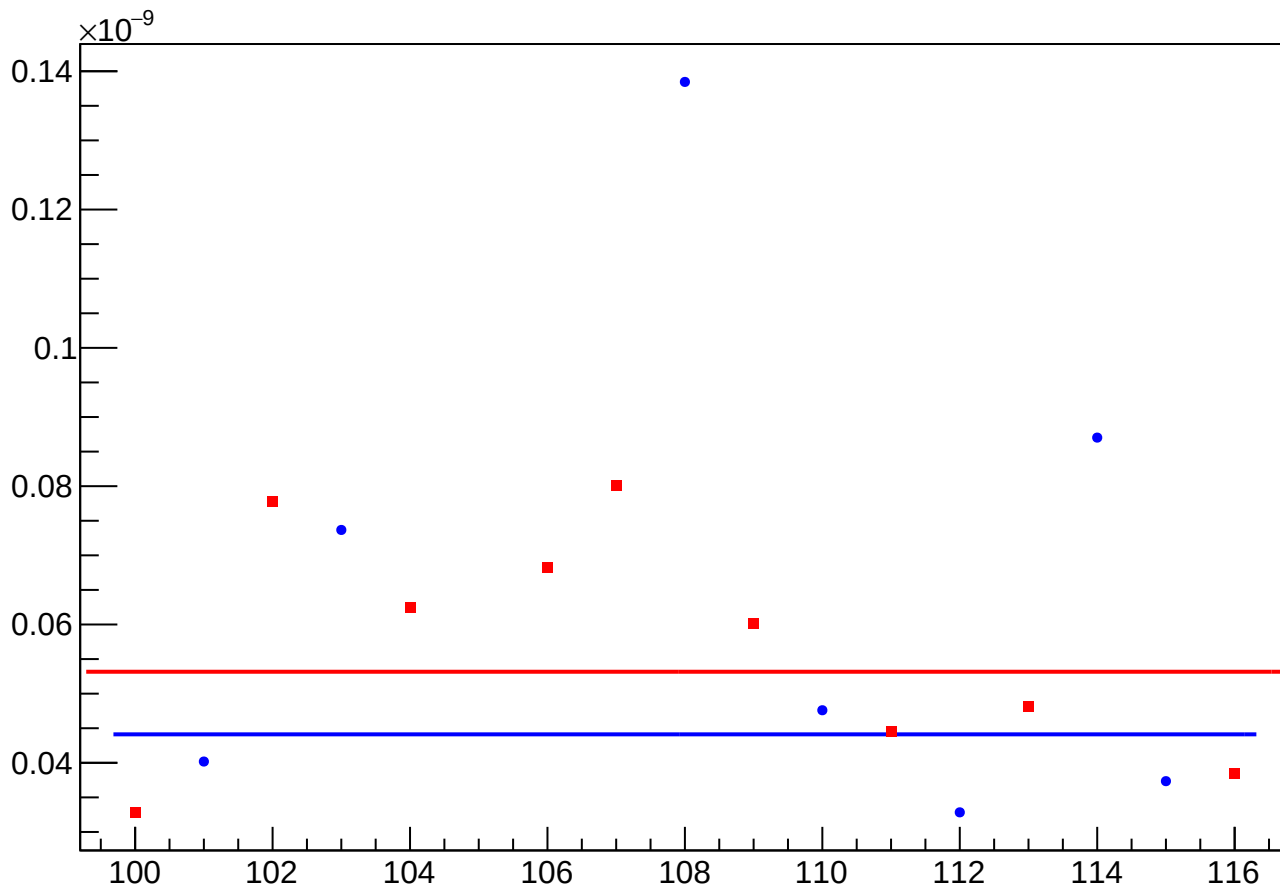
Right: 0.000+/-0.000 χ^2/NDF : 14.1/15

In: -0.000+/-0.000 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/15

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 : 543762.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 273879.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

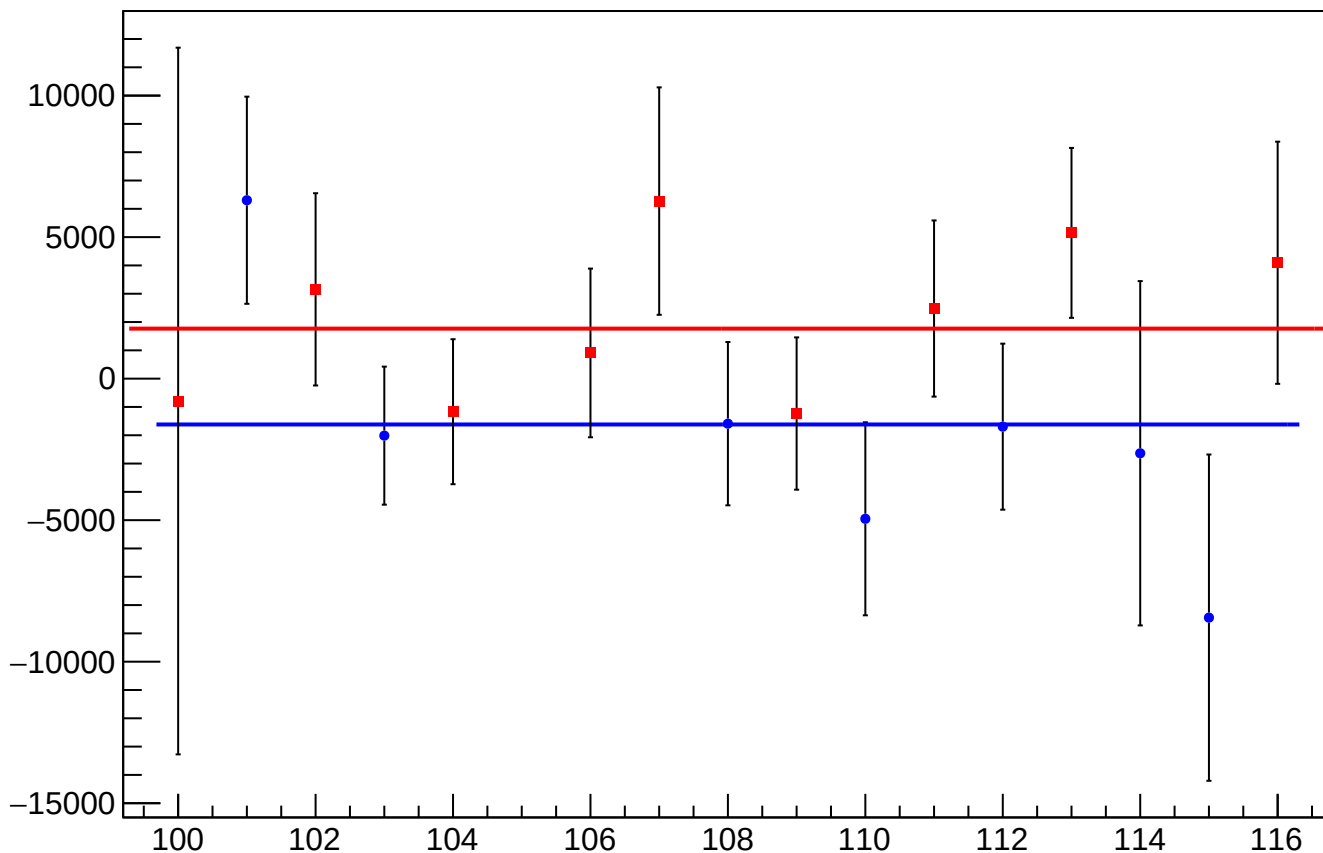
Right: 0.000+/-0.000 χ^2/NDF : 882507.5/15

In: 0.000+/-0.000 χ^2/NDF : 543762.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 882507.5/15

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1619.051+/-1267.537 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1767.621+/-1099.548 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

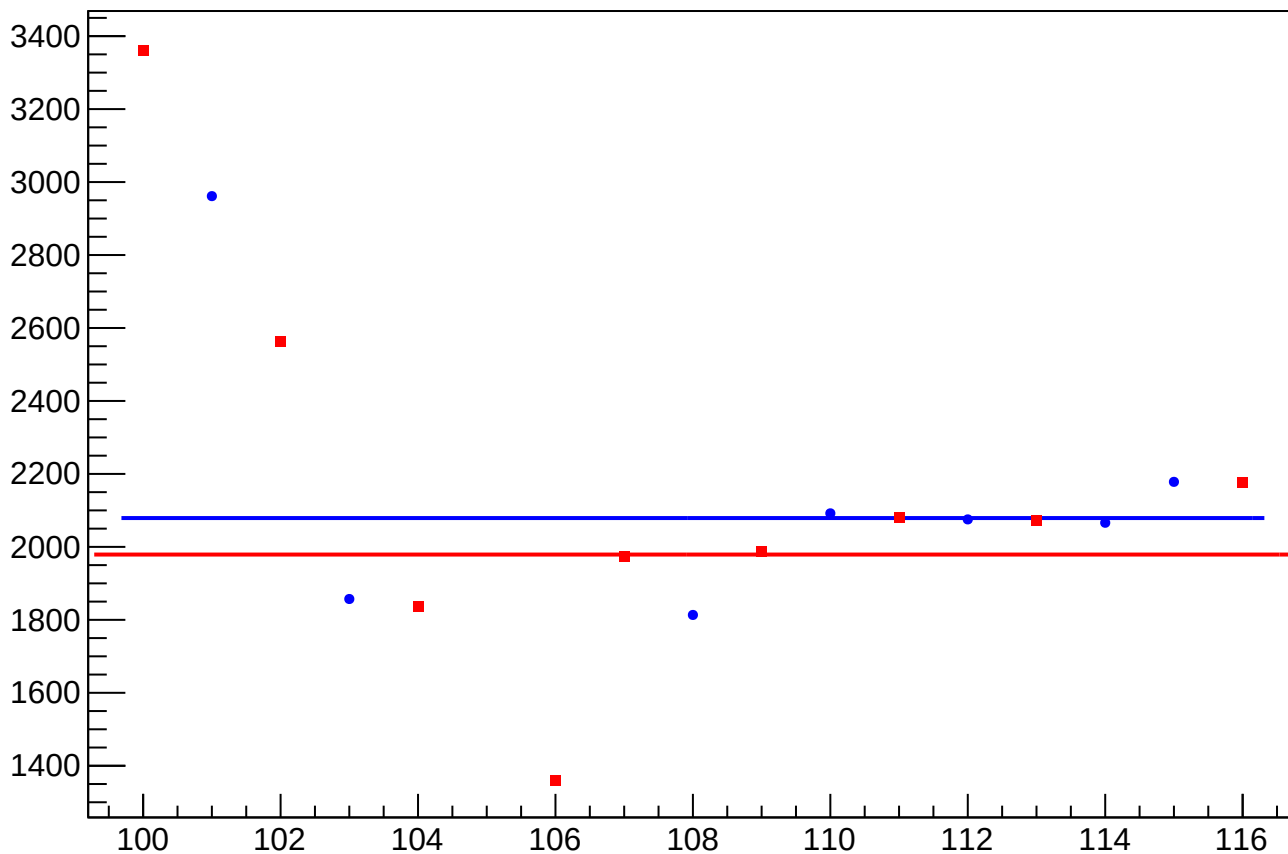
Right: 313.427+/-830.587 χ^2/NDF : 16.9/15

In: -1619.051+/-1267.537 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.427+/-830.587 χ^2/NDF : 16.9/15

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2079.020+/-0.896 χ^2/NDF : 150441.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1978.973+/-0.777 χ^2/NDF : 183932.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

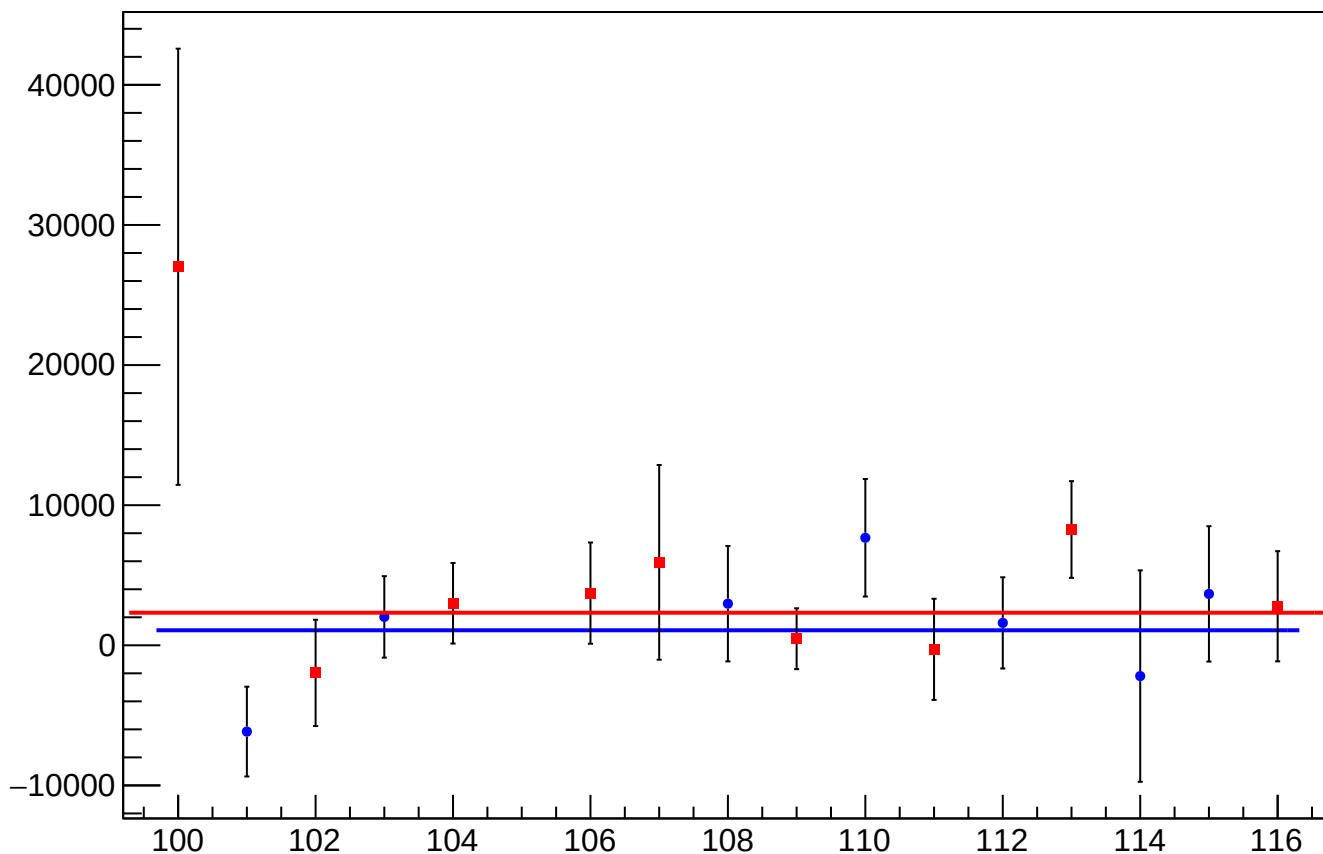
Right: 2021.931+/-0.587 χ^2/NDF : 341483.8/15

In: 2079.020+/-0.896 χ^2/NDF : 150441.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2021.931+/-0.587 χ^2/NDF : 341483.8/15

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1071.596+/-1433.930 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2326.802+/-1170.954 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

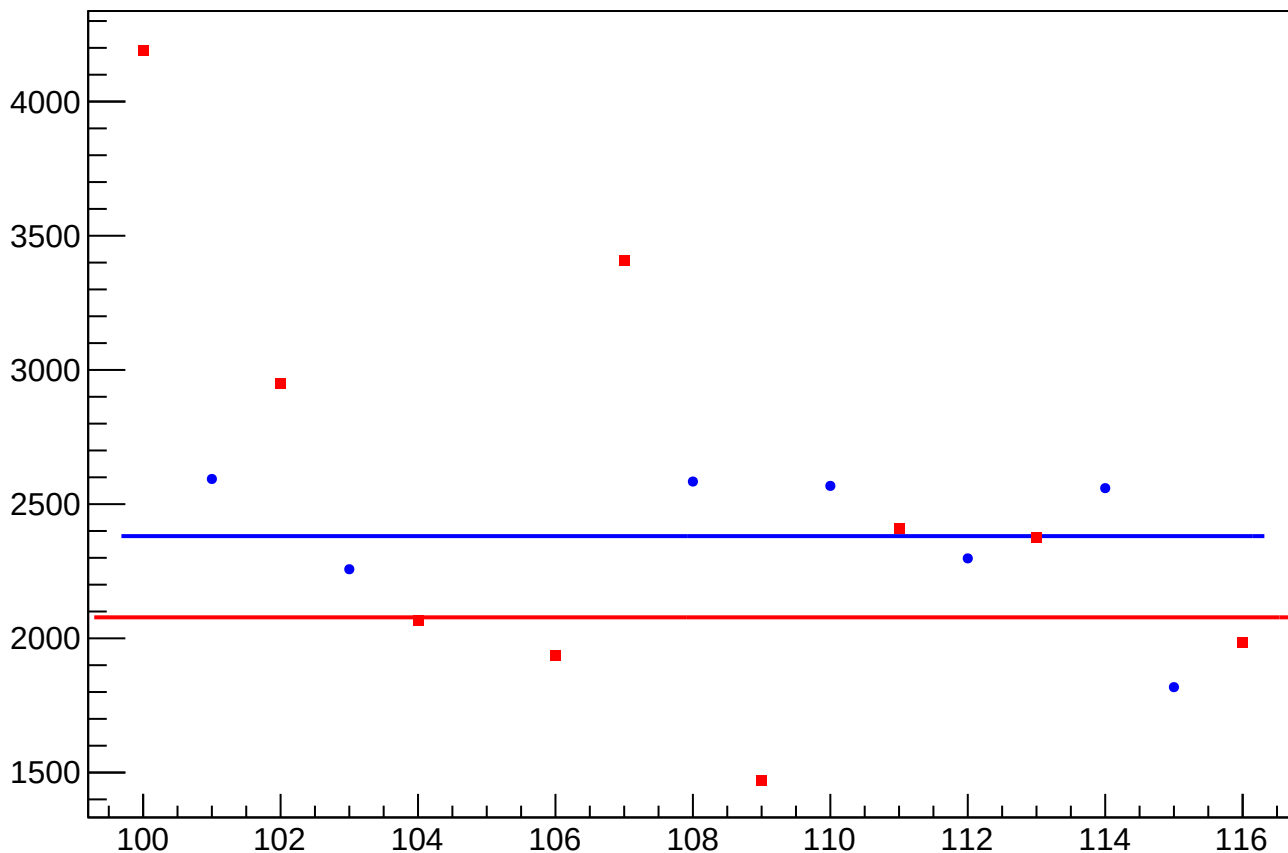
Right: 1824.640+/-906.969 χ^2/NDF : 17.4/15

In: 1071.596+/-1433.930 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1824.640+/-906.969 χ^2/NDF : 17.4/15

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2380.889+/-1.014 χ^2/NDF : 50856.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2078.303+/-0.828 χ^2/NDF : 408183.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

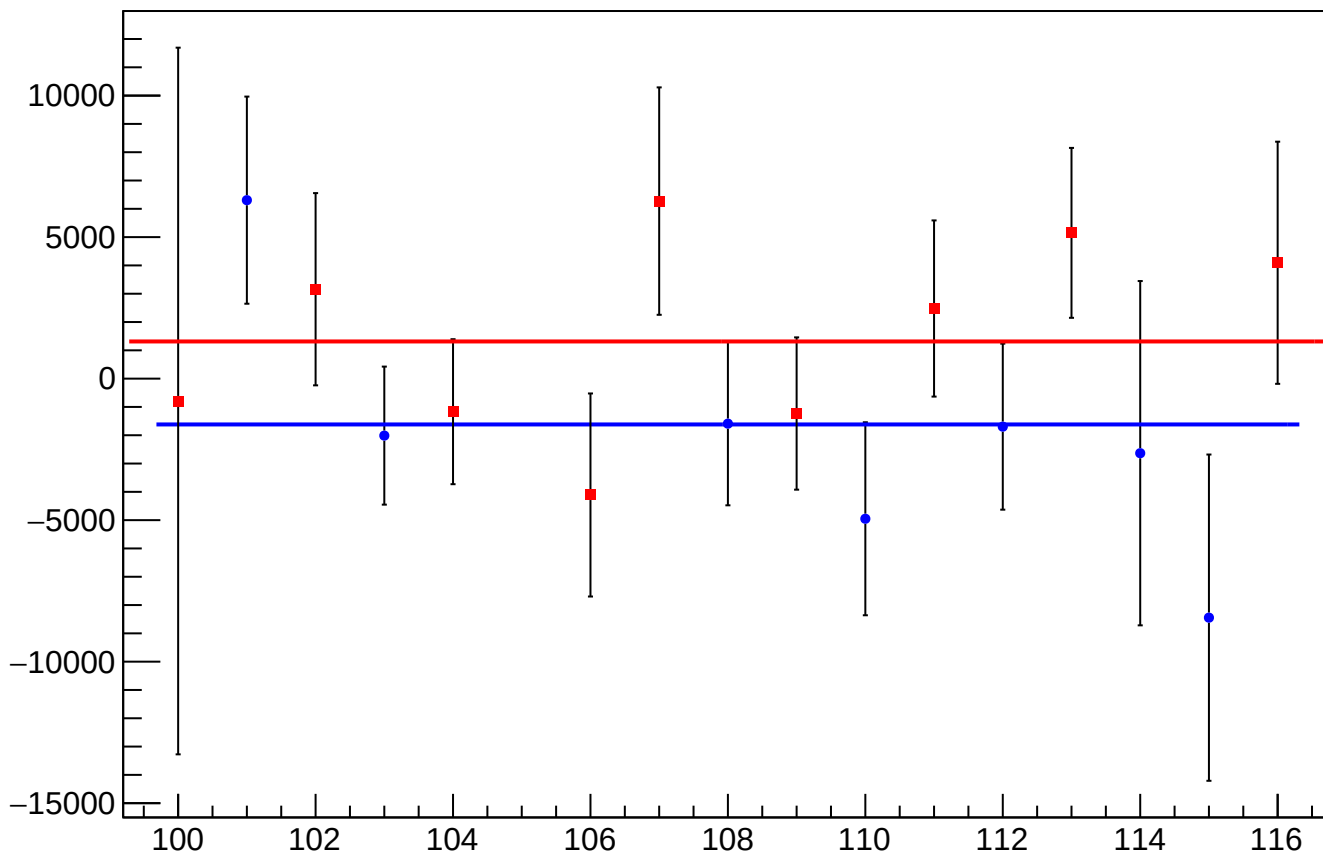
Right: 2199.356+/-0.641 χ^2/NDF : 512468.6/15

In: 2380.889+/-1.014 χ^2/NDF : 50856.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.356+/-0.641 χ^2/NDF : 512468.6/15

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1618.656+/-1267.537 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.643+/-1123.509 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

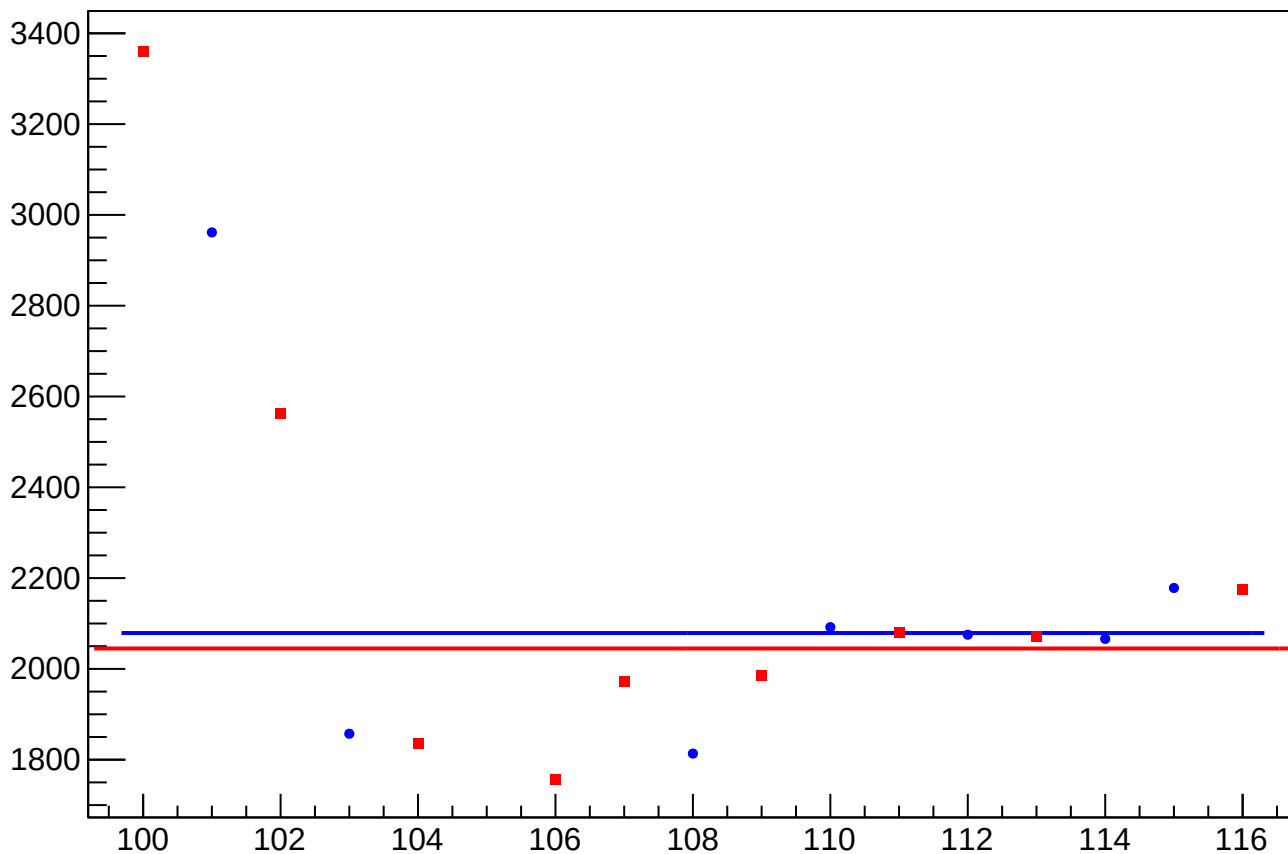
Right: 23.486+/-840.771 χ^2/NDF : 18.3/15

In: -1618.656+/-1267.537 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.486+/-840.771 χ^2/NDF : 18.3/15

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2079.019+/-0.896 χ^2/NDF : 150441.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2044.969+/-0.794 χ^2/NDF : 98709.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

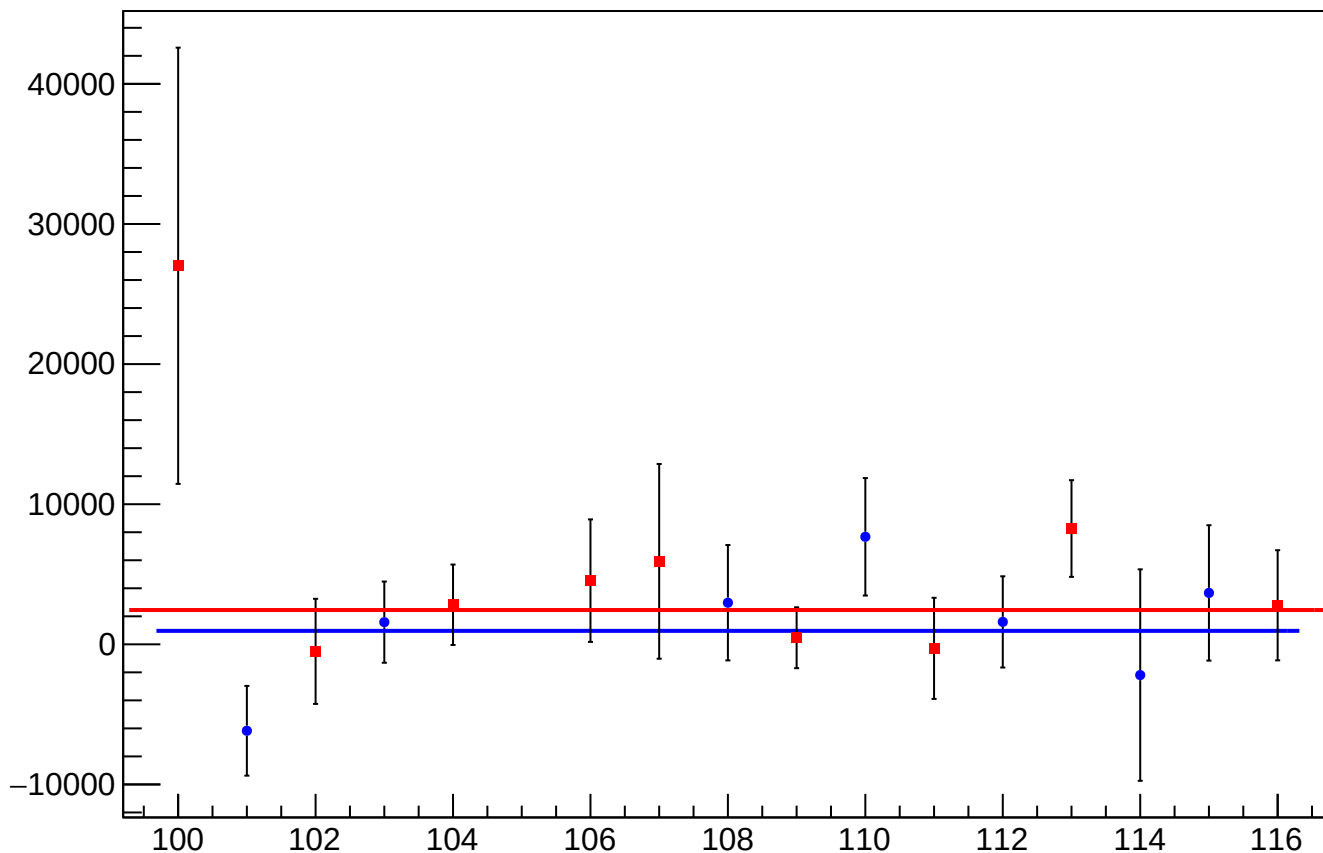
Right: 2059.950+/-0.595 χ^2/NDF : 249958.9/15

In: 2079.019+/-0.896 χ^2/NDF : 150441.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2059.950+/-0.595 χ^2/NDF : 249958.9/15

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 961.624+/-1432.582 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2447.833+/-1189.150 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

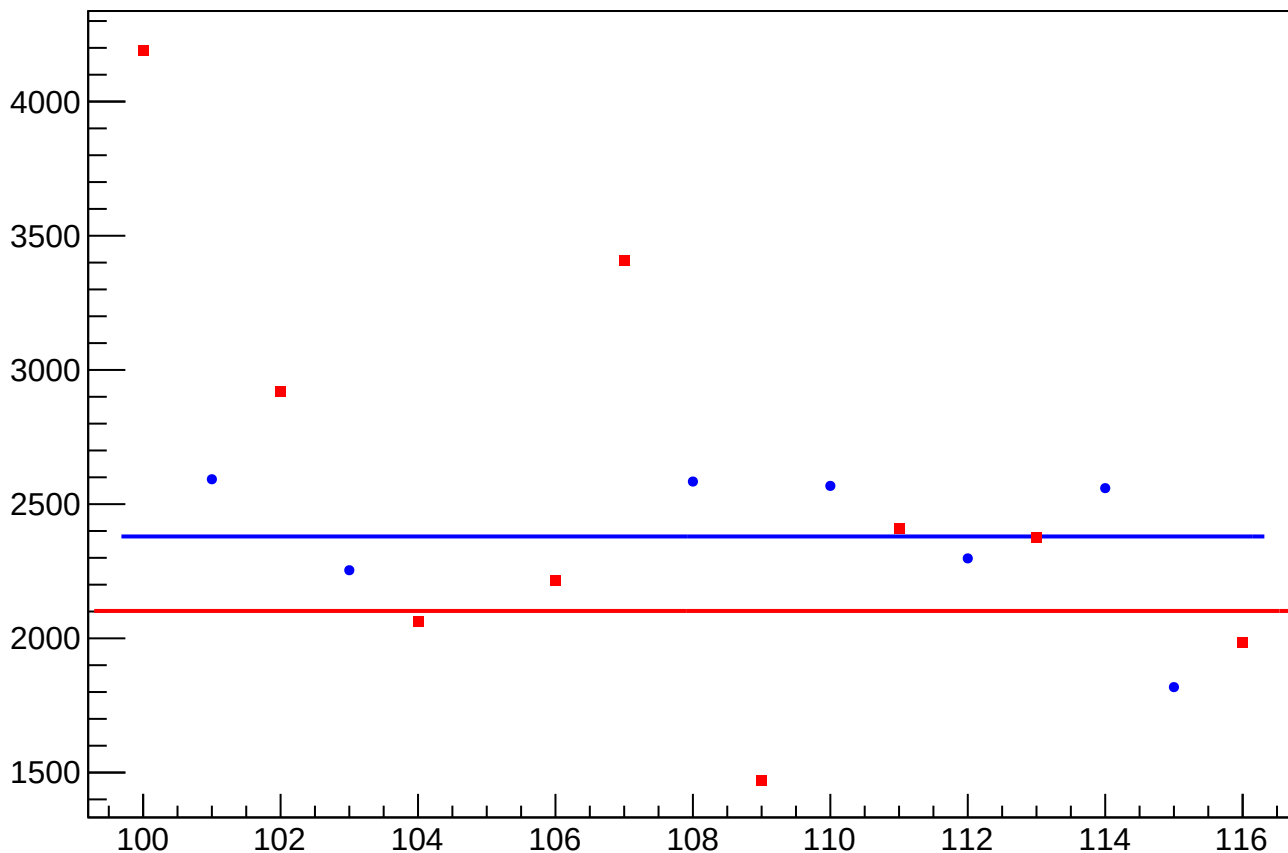
Right: 1841.546+/-914.995 χ^2/NDF : 16.8/15

In: 961.624+/-1432.582 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.546+/-914.995 χ^2/NDF : 16.8/15

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2379.614+/-1.013 χ^2/NDF : 51004.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2102.072+/-0.841 χ^2/NDF : 401549.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

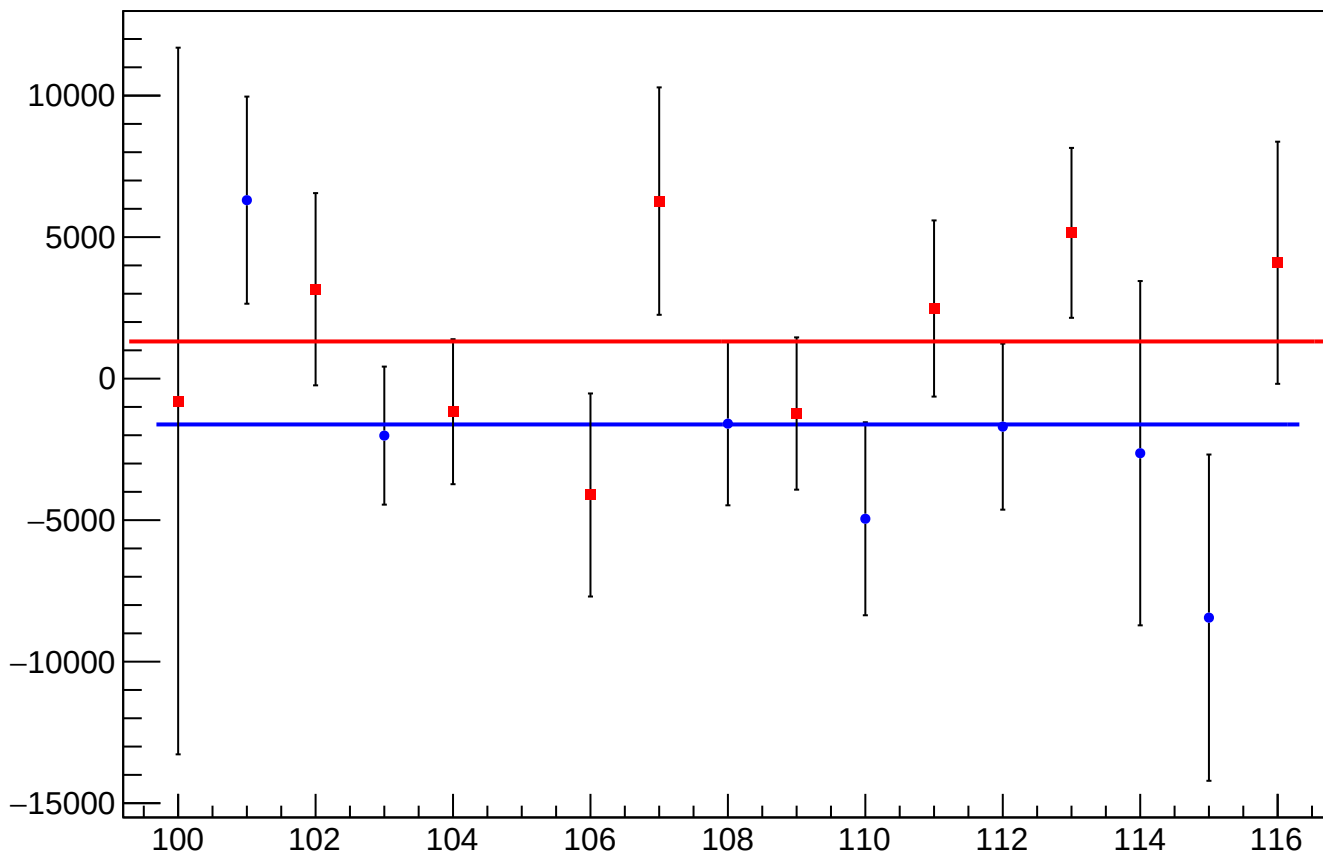
Right: 2215.293+/-0.647 χ^2/NDF : 496998.5/15

In: 2379.614+/-1.013 χ^2/NDF :51004.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2215.293+/-0.647 χ^2/NDF : 496998.5/15

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1618.656+/-1267.537 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.643+/-1123.509 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

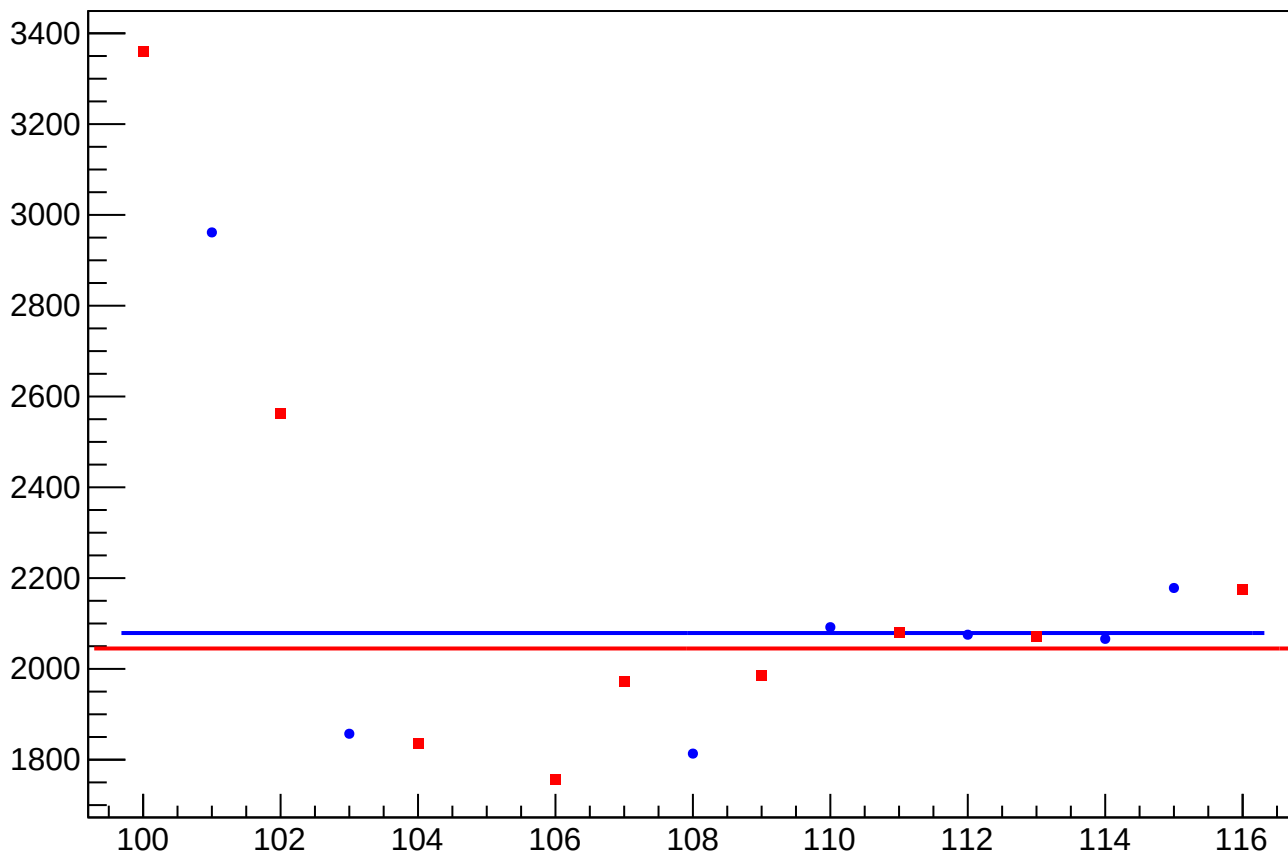
Right: 23.486+/-840.771 χ^2/NDF : 18.3/15

In: -1618.656+/-1267.537 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.486+/-840.771 χ^2/NDF : 18.3/15

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2079.019+/-0.896 χ^2/NDF : 150441.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2044.969+/-0.794 χ^2/NDF : 98709.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

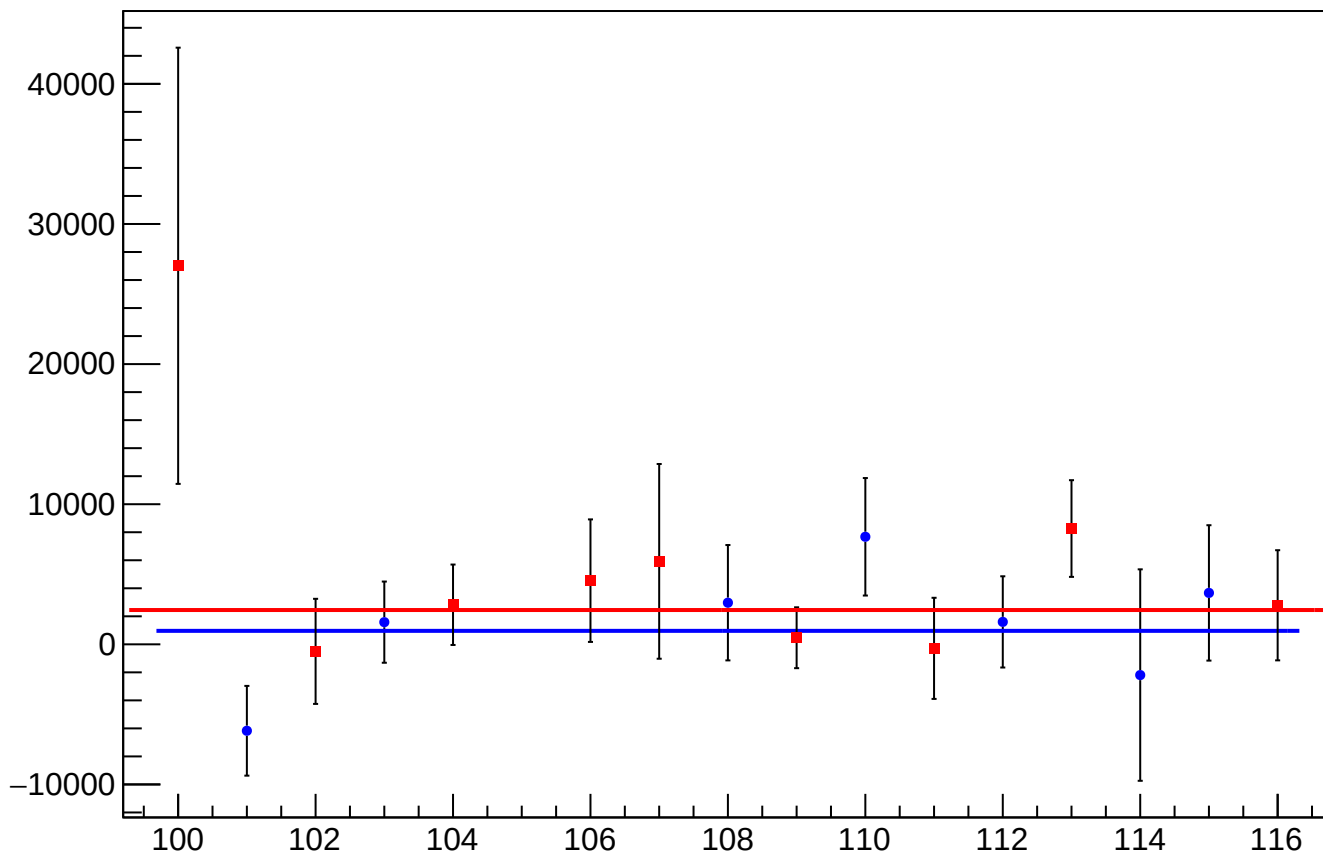
Right: 2059.950+/-0.595 χ^2/NDF : 249958.9/15

In: 2079.019+/-0.896 χ^2/NDF : 150441.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2059.950+/-0.595 χ^2/NDF : 249958.9/15

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 961.624+/-1432.582 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2447.833+/-1189.150 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

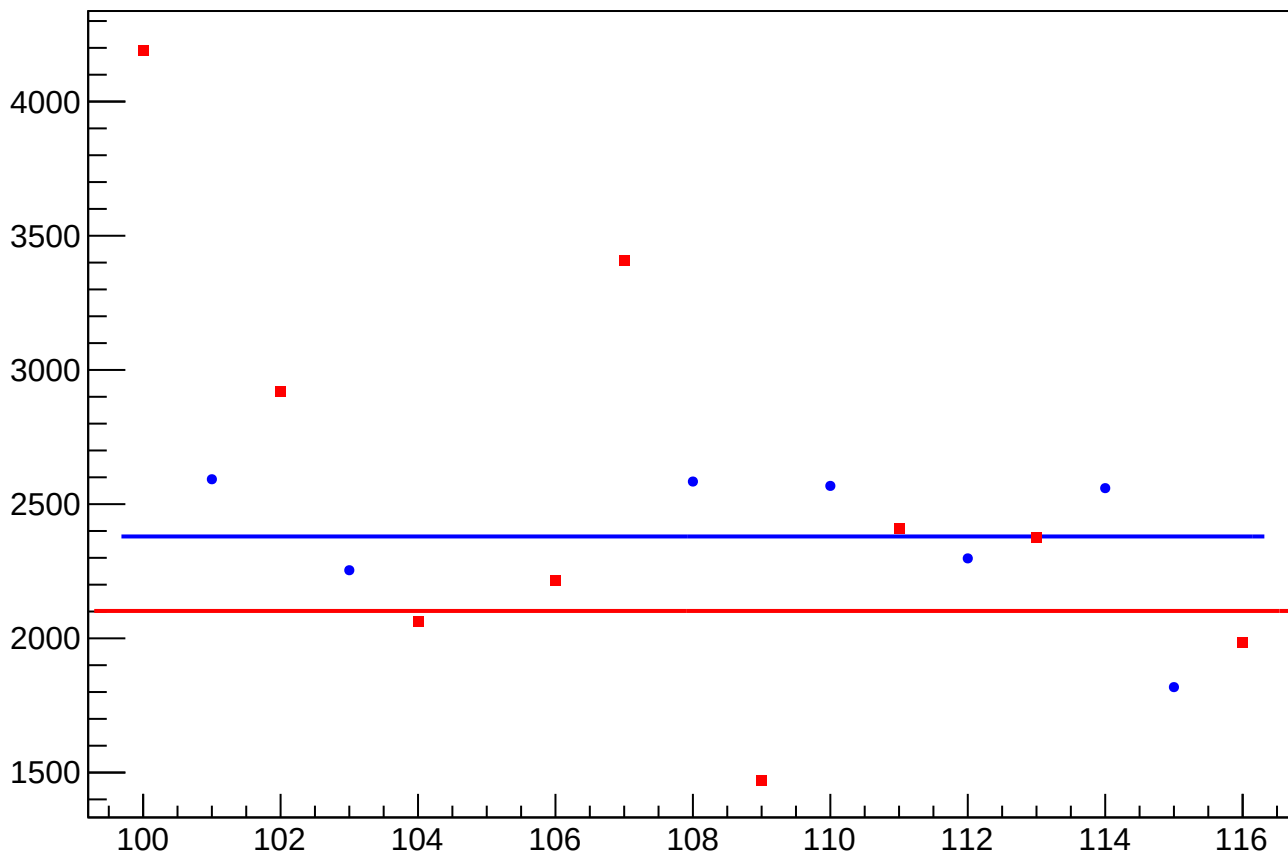
Right: 1841.546+/-914.995 χ^2/NDF : 16.8/15

In: 961.624+/-1432.582 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.546+/-914.995 χ^2/NDF : 16.8/15

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2379.614+/-1.013 χ^2/NDF : 51004.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2102.072+/-0.841 χ^2/NDF : 401549.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

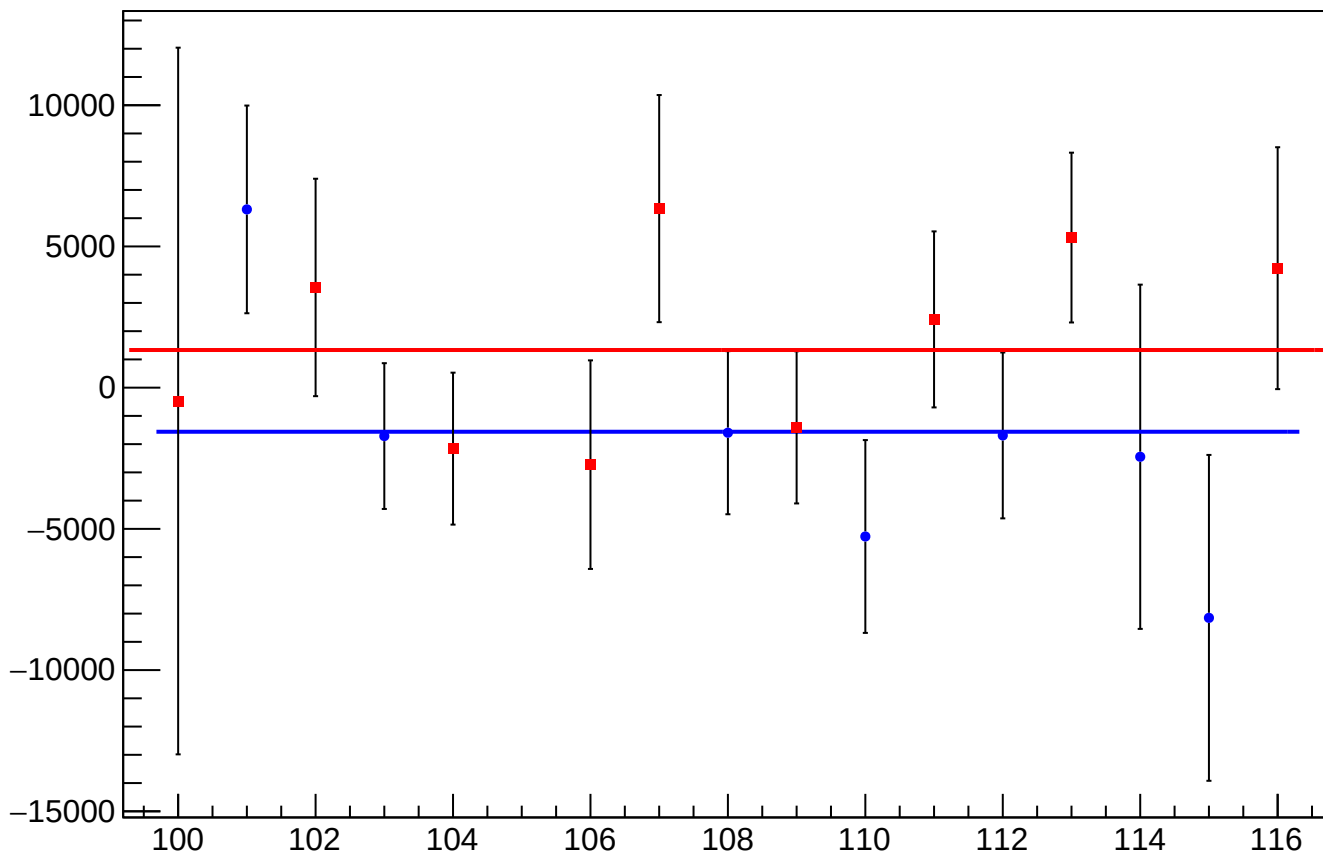
Right: 2215.293+/-0.647 χ^2/NDF : 496998.5/15

In: 2379.614+/-1.013 χ^2/NDF : 51004.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.293+/-0.647 χ^2/NDF : 496998.5/15

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1561.153+/-1287.964 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.033+/-1152.241 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

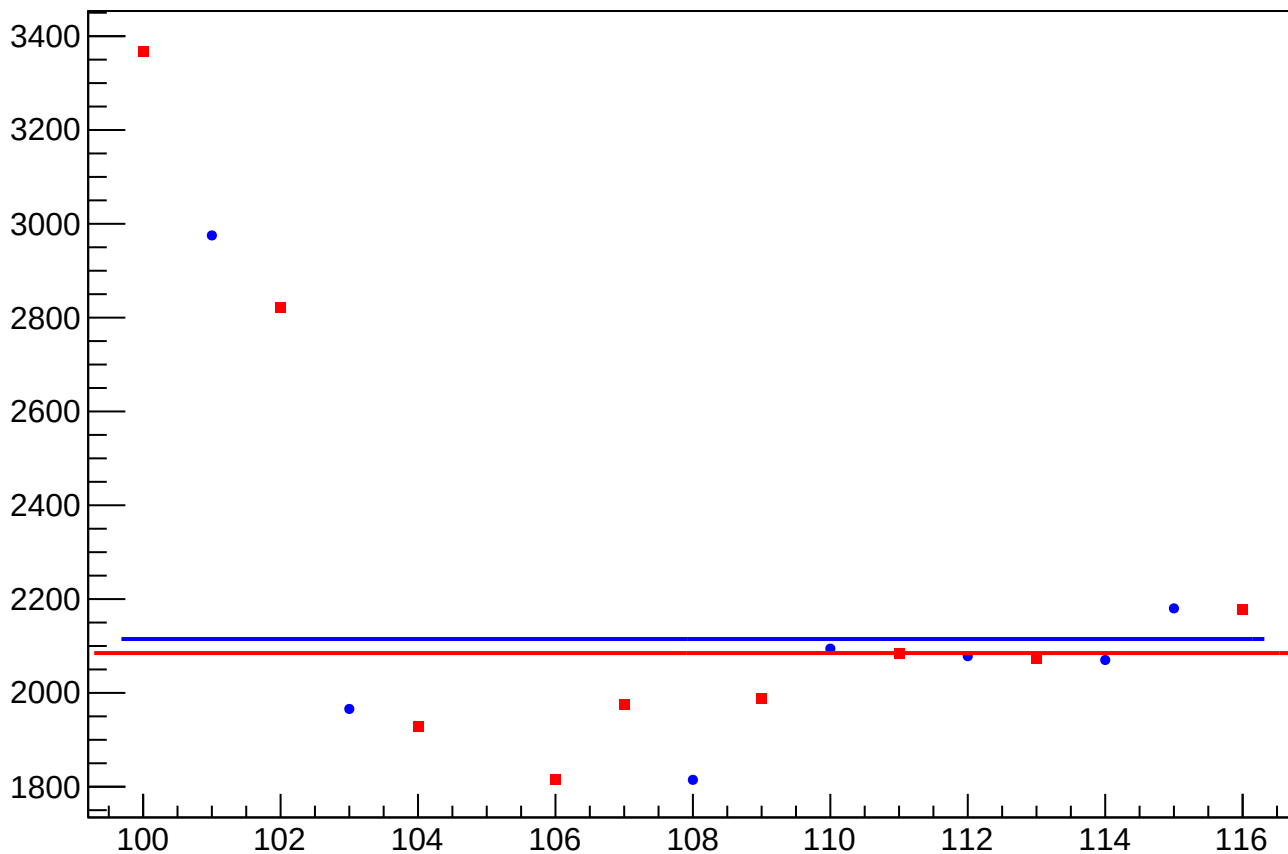
Right: 46.417+/-858.746 χ^2/NDF : 18.1/15

In: -1561.153+/-1287.964 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.417+/-858.746 χ^2/NDF : 18.1/15

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2114.876+/-0.911 χ^2/NDF : 138551.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2084.944+/-0.815 χ^2/NDF : 116643.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

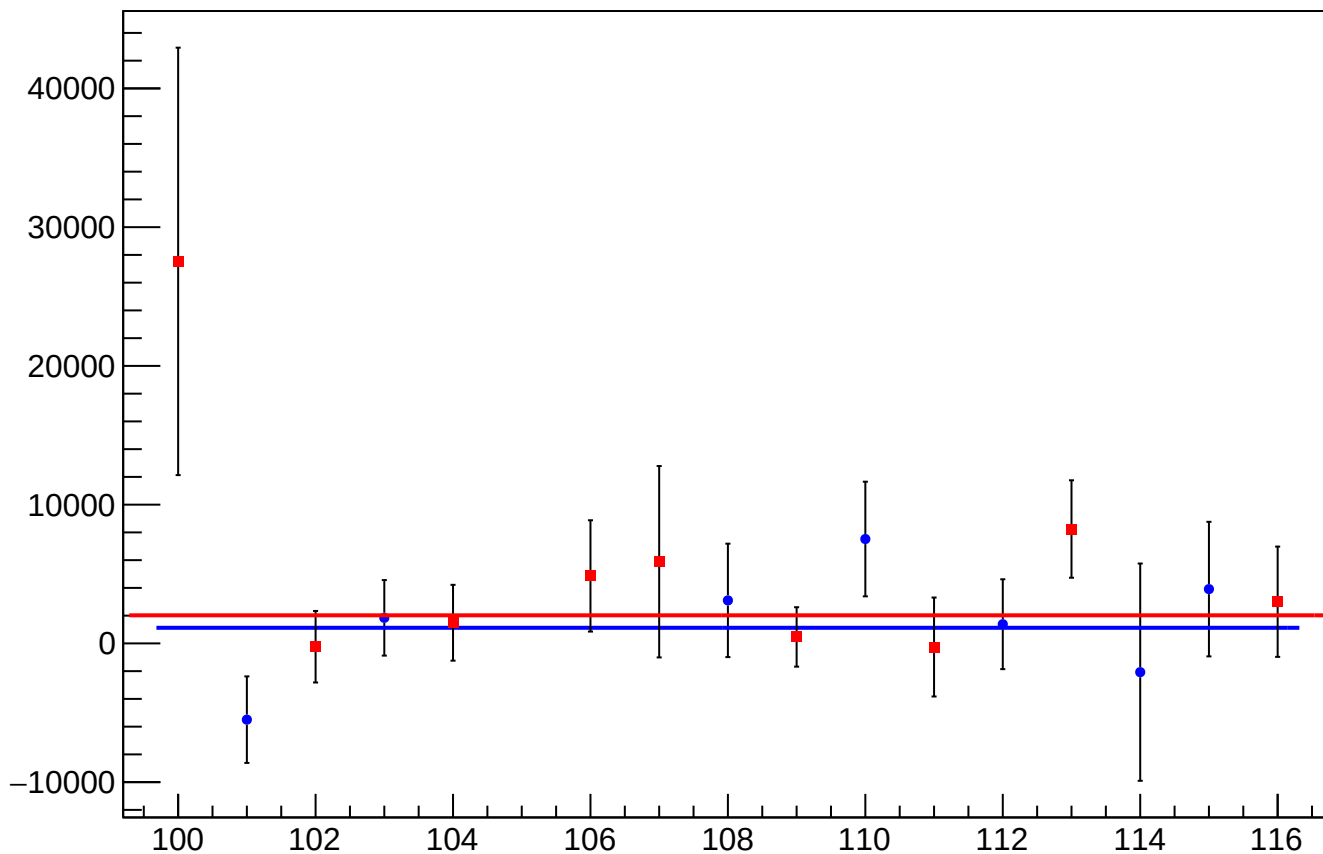
Right: 2098.250+/-0.607 χ^2/NDF : 255795.2/15

In: 2114.876+/-0.911 χ^2/NDF : 138551.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2098.250+/-0.607 χ^2/NDF : 255795.2/15

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1125.148+/-1399.585 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.030+/-1109.217 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

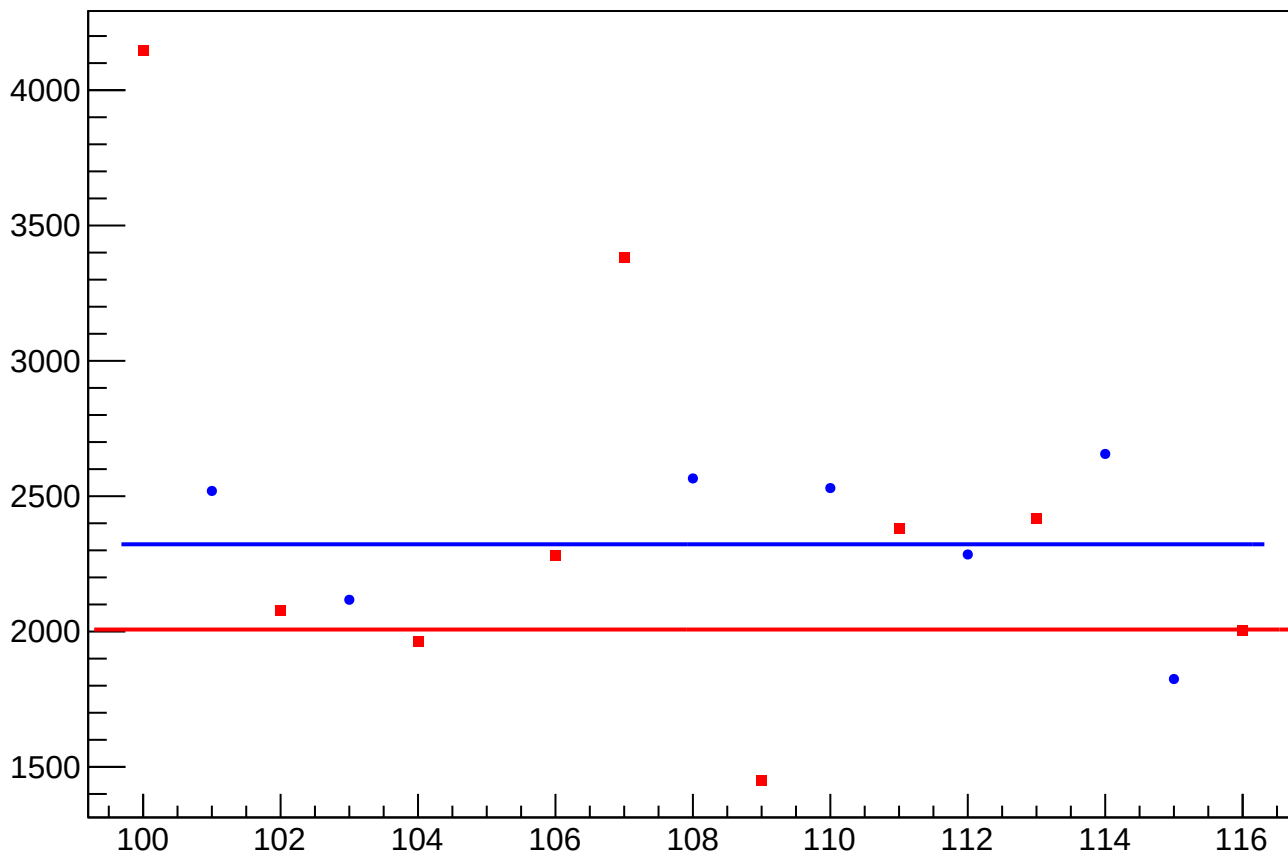
Right: 1677.250+/-869.310 χ^2/NDF : 16.5/15

In: 1125.148+/-1399.585 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1677.250+/-869.310 χ^2/NDF : 16.5/15

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2322.370+/-0.990 χ^2/NDF : 56448.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.499+/-0.784 χ^2/NDF : 313653.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

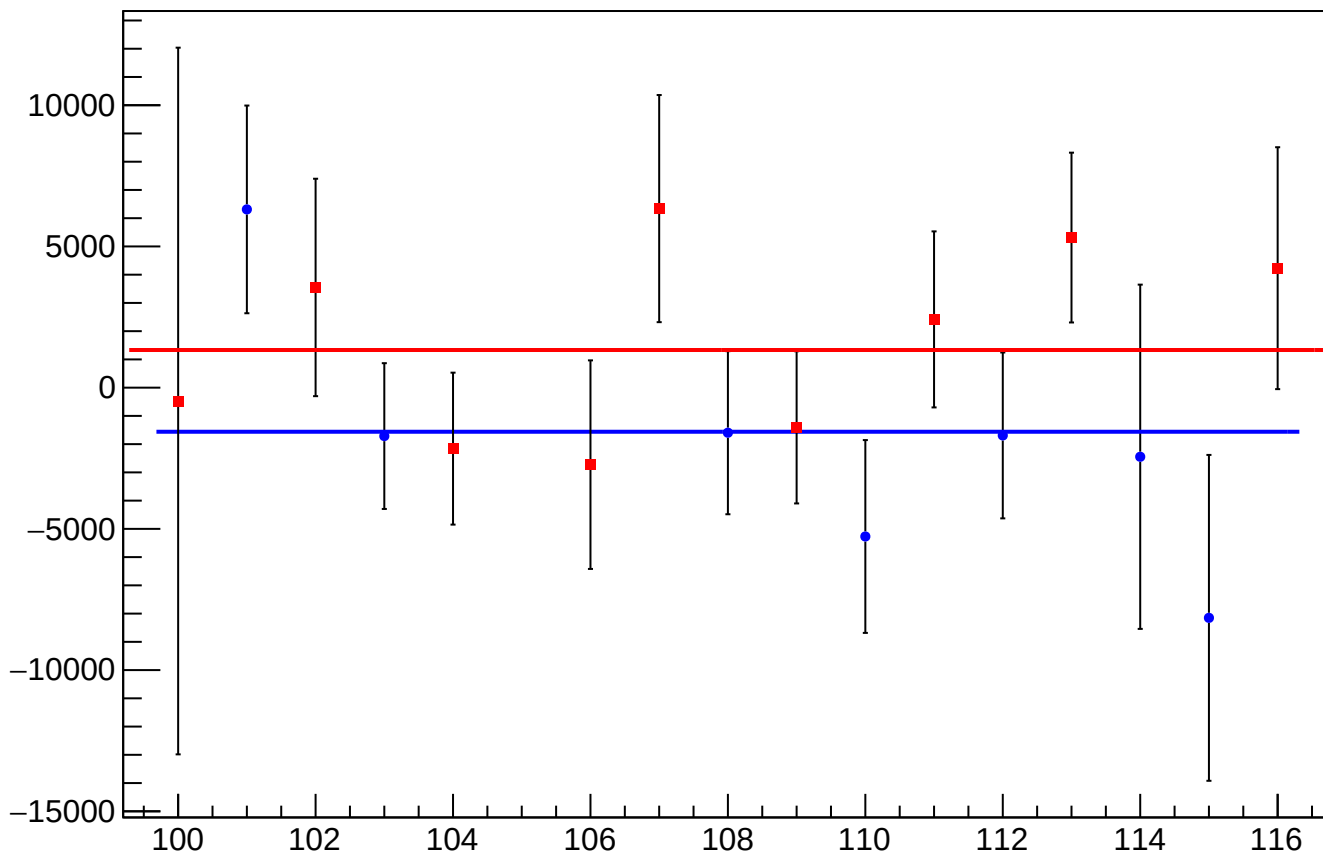
Right: 2128.973+/-0.615 χ^2/NDF : 432277.3/15

In: 2322.370+/-0.990 χ^2/NDF : 56448.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.973+/-0.615 χ^2/NDF : 432277.3/15

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1561.144+/-1287.964 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.030+/-1152.241 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

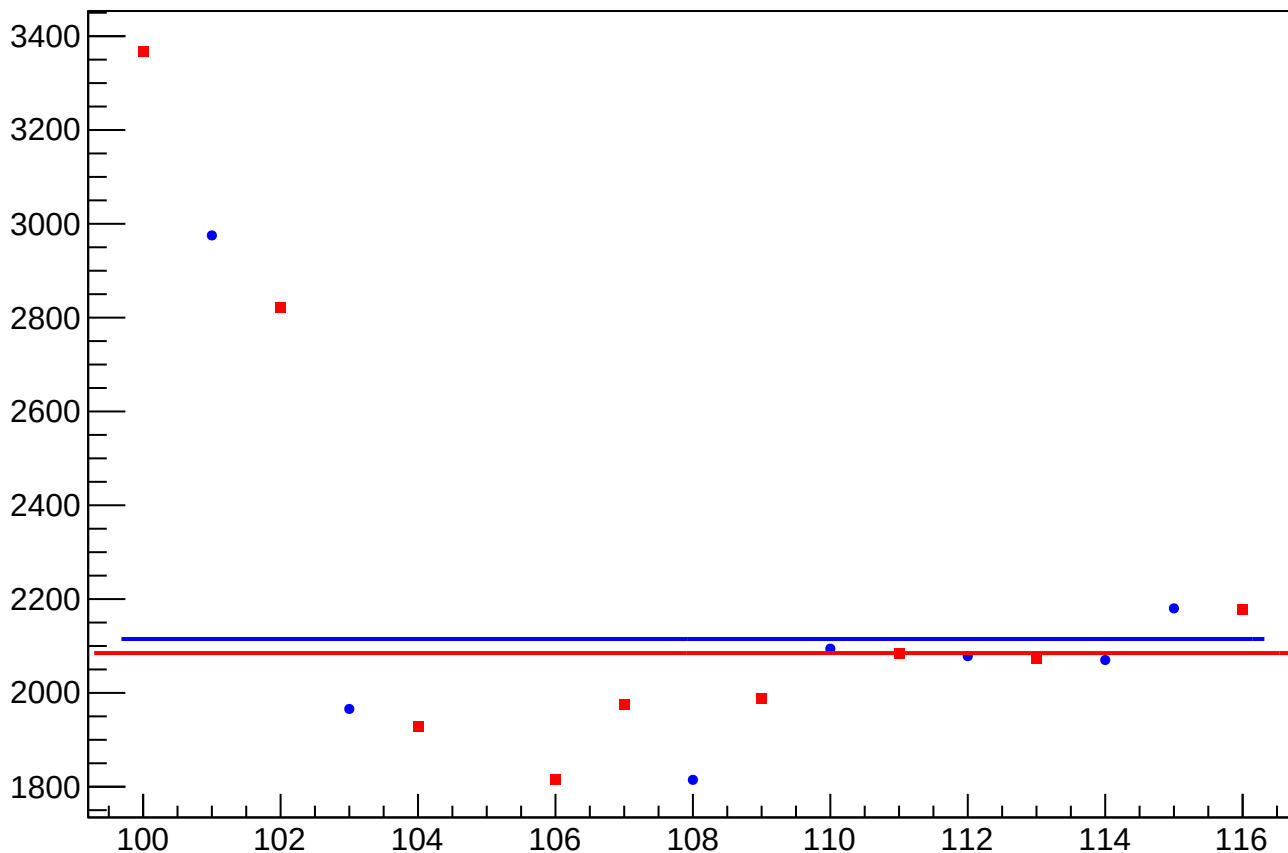
Right: 46.419+/-858.746 χ^2/NDF : 18.1/15

In: -1561.144+/-1287.964 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.419+/-858.746 χ^2/NDF : 18.1/15

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2114.876+/-0.911 χ^2/NDF : 138551.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2084.944+/-0.815 χ^2/NDF : 116643.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

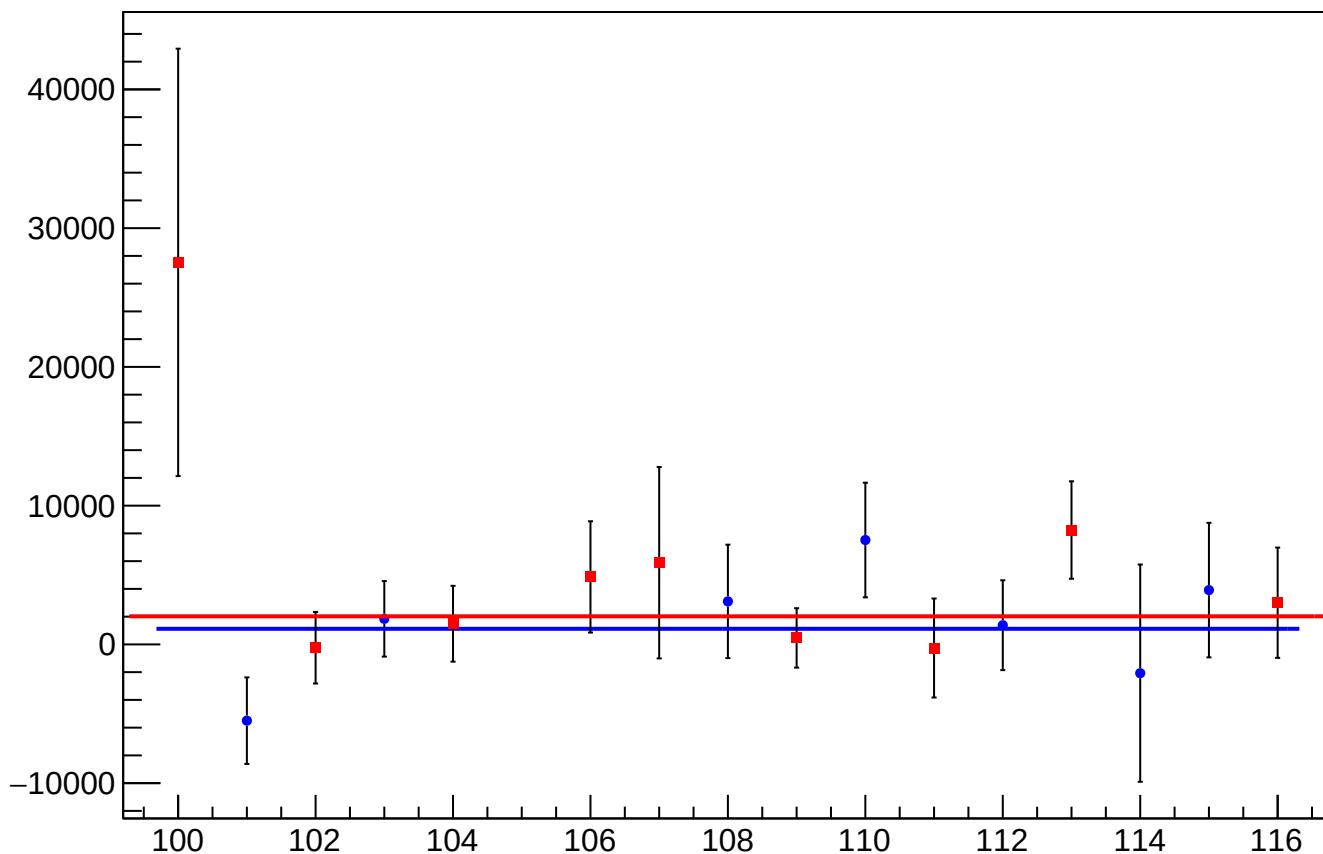
Right: 2098.250+/-0.607 χ^2/NDF : 255795.1/15

In: 2114.876+/-0.911 χ^2/NDF : 138551.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2098.250+/-0.607 χ^2/NDF : 255795.1/15

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1125.146+/-1399.583 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.037+/-1109.219 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

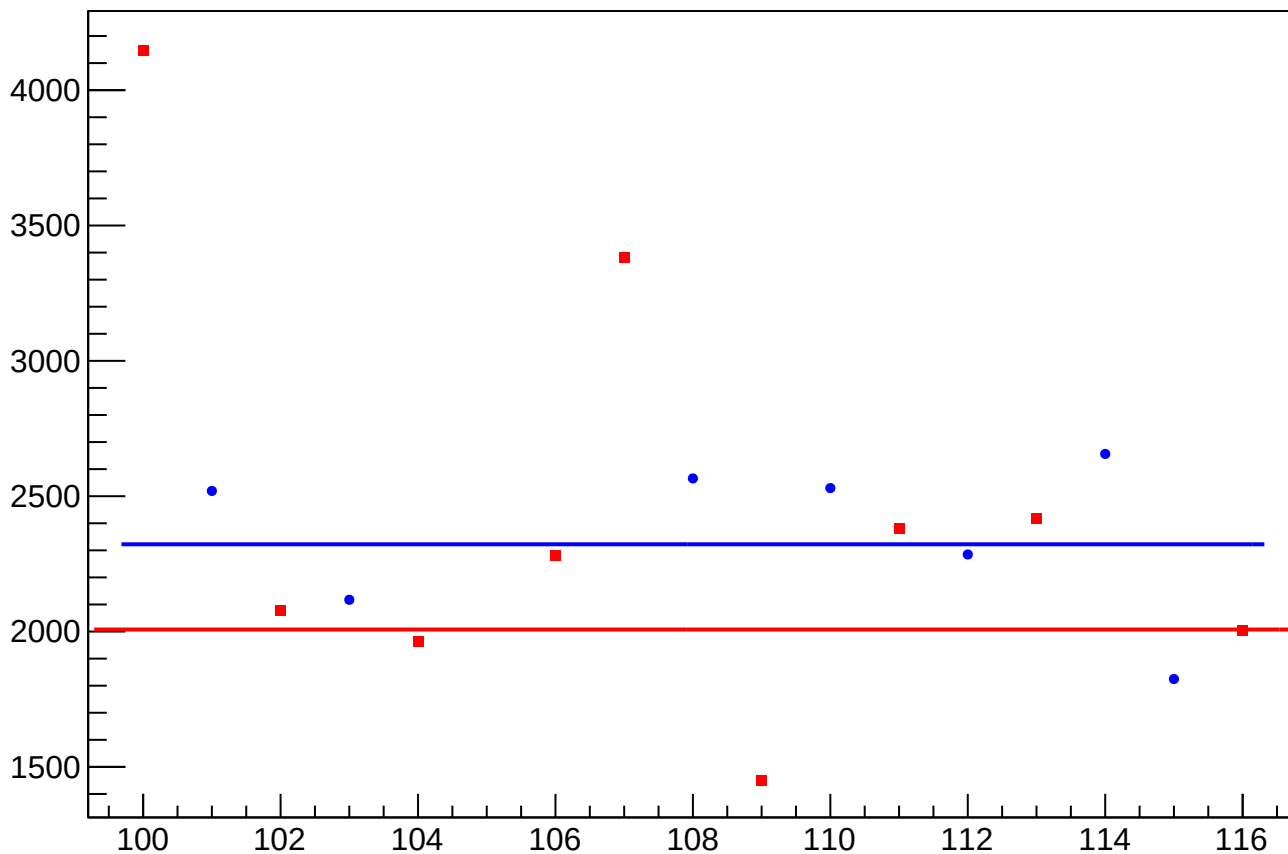
Right: 1677.252+/-869.311 χ^2/NDF : 16.5/15

In: 1125.146+/-1399.583 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1677.252+/-869.311 χ^2/NDF : 16.5/15

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2322.367 $\pm$ 0.990 χ^2 /NDF: 56445.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2007.505 $\pm$ 0.784 χ^2 /NDF: 313644.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

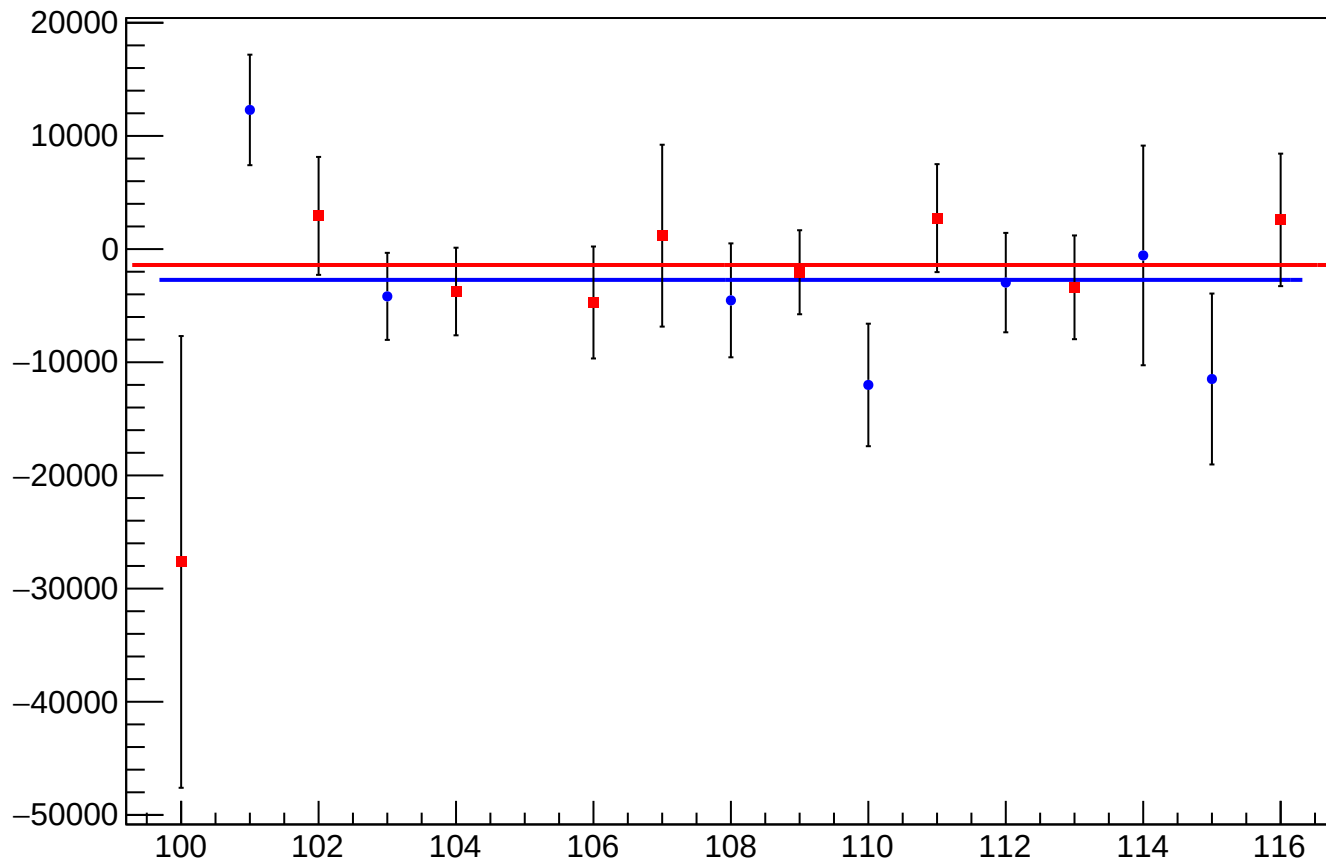
Right: 2128.976 $\pm$ 0.615 χ^2 /NDF: 432261.0/15

In: 2322.367 $\pm$ 0.990 χ^2 /NDF:56445.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2128.976 $\pm$ 0.615 χ^2 /NDF: 432261.0/15

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2720.423+/-1949.392 χ^2 /NDF: 14.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1404.515+/-1676.707 χ^2 /NDF: 4.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

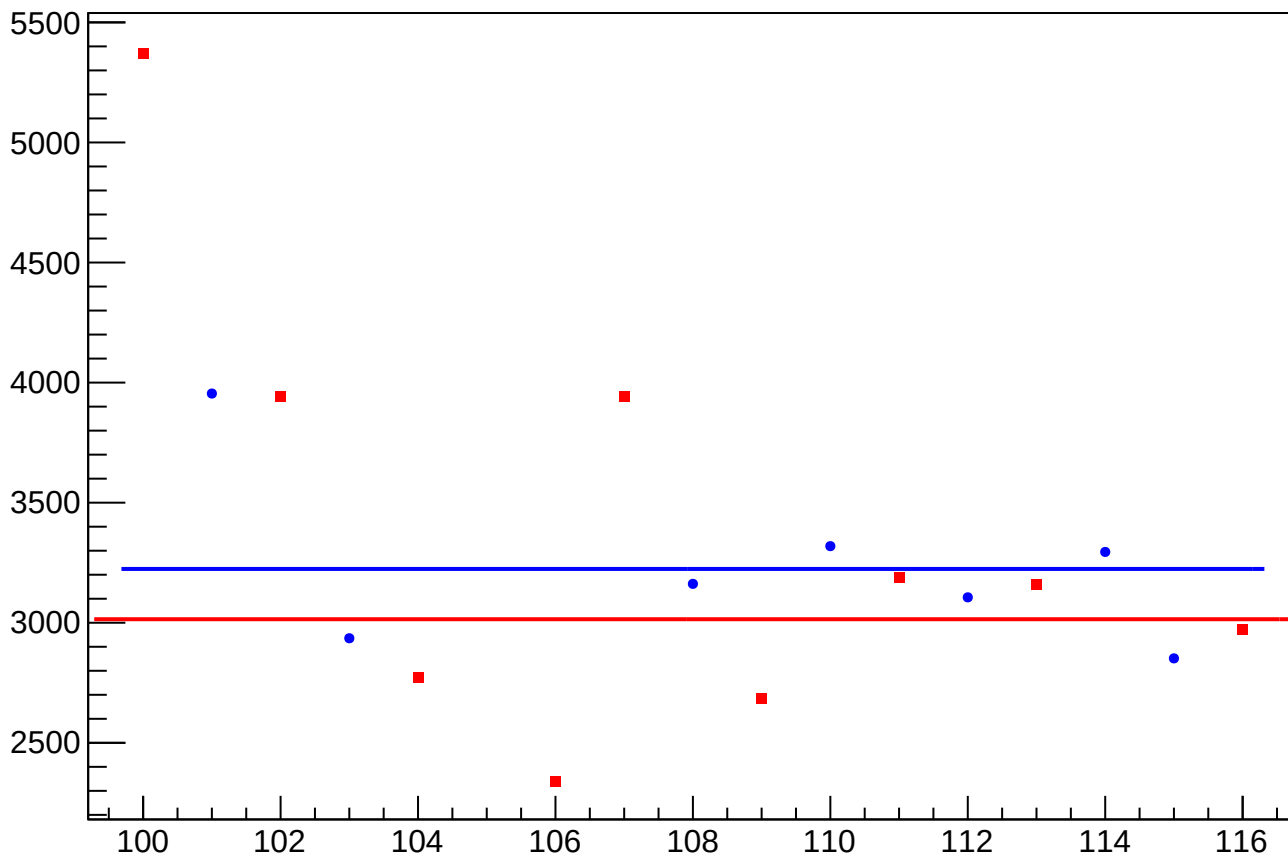
Right: -1964.068+/-1271.180 χ^2 /NDF: 19.1/15

In: -2720.423+/-1949.392 χ^2 /NDF:14.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1964.068+/-1271.180 χ^2 /NDF: 19.1/15

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3224.083+/-1.378 χ^2/NDF : 63358.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3014.717+/-1.186 χ^2/NDF : 183899.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

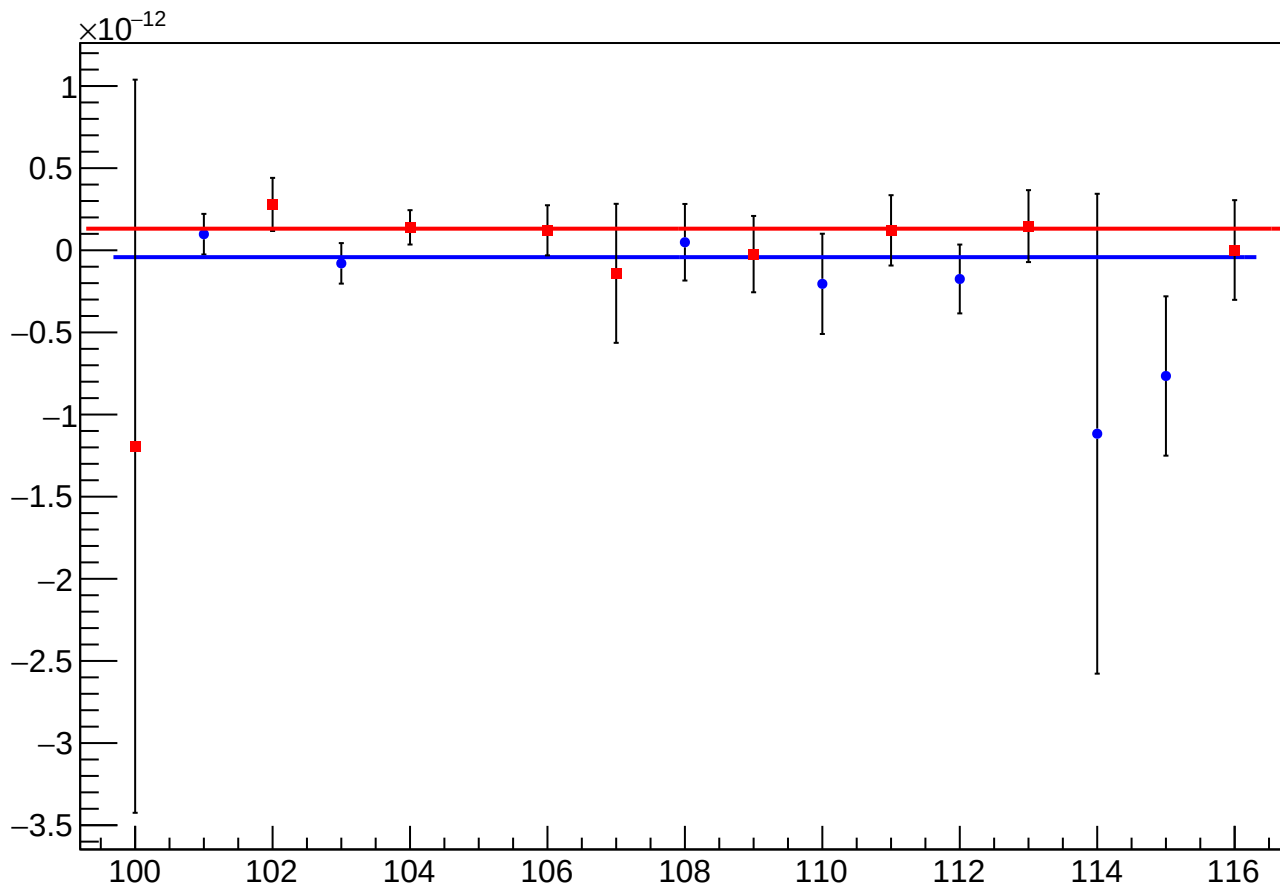
Right: 3103.742+/-0.899 χ^2/NDF : 260517.8/15

In: 3224.083+/-1.378 χ^2/NDF : 63358.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3103.742+/-0.899 χ^2/NDF : 260517.8/15

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

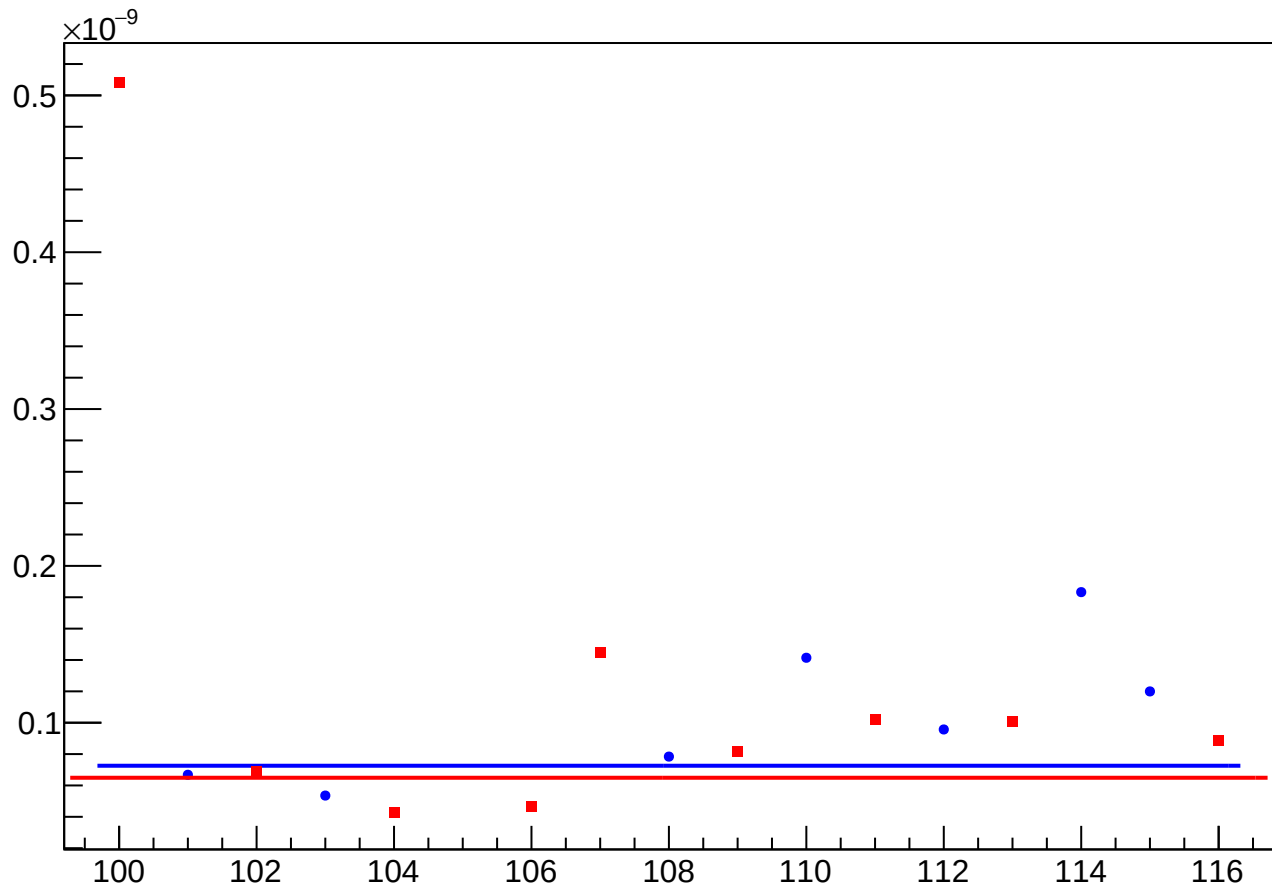
Right: 0.000+/-0.000 χ^2/NDF : 10.5/15

In: -0.000+/-0.000 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/15

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 209899.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 407627.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

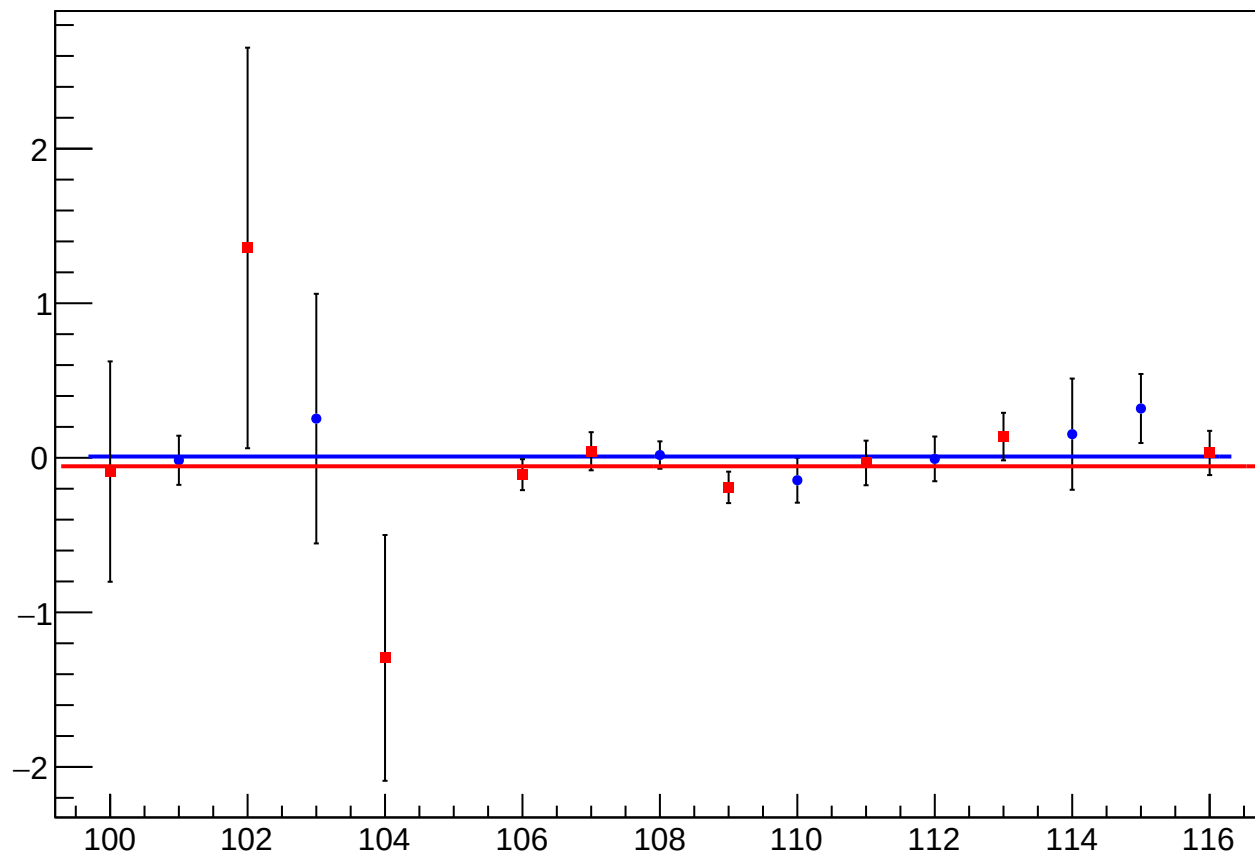
Right: 0.000+/-0.000 χ^2/NDF : 630126.9/15

In: 0.000+/-0.000 χ^2/NDF : 209899.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 630126.9/15

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.059 χ^2 /NDF: 3.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.055 $\pm$ 0.050 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

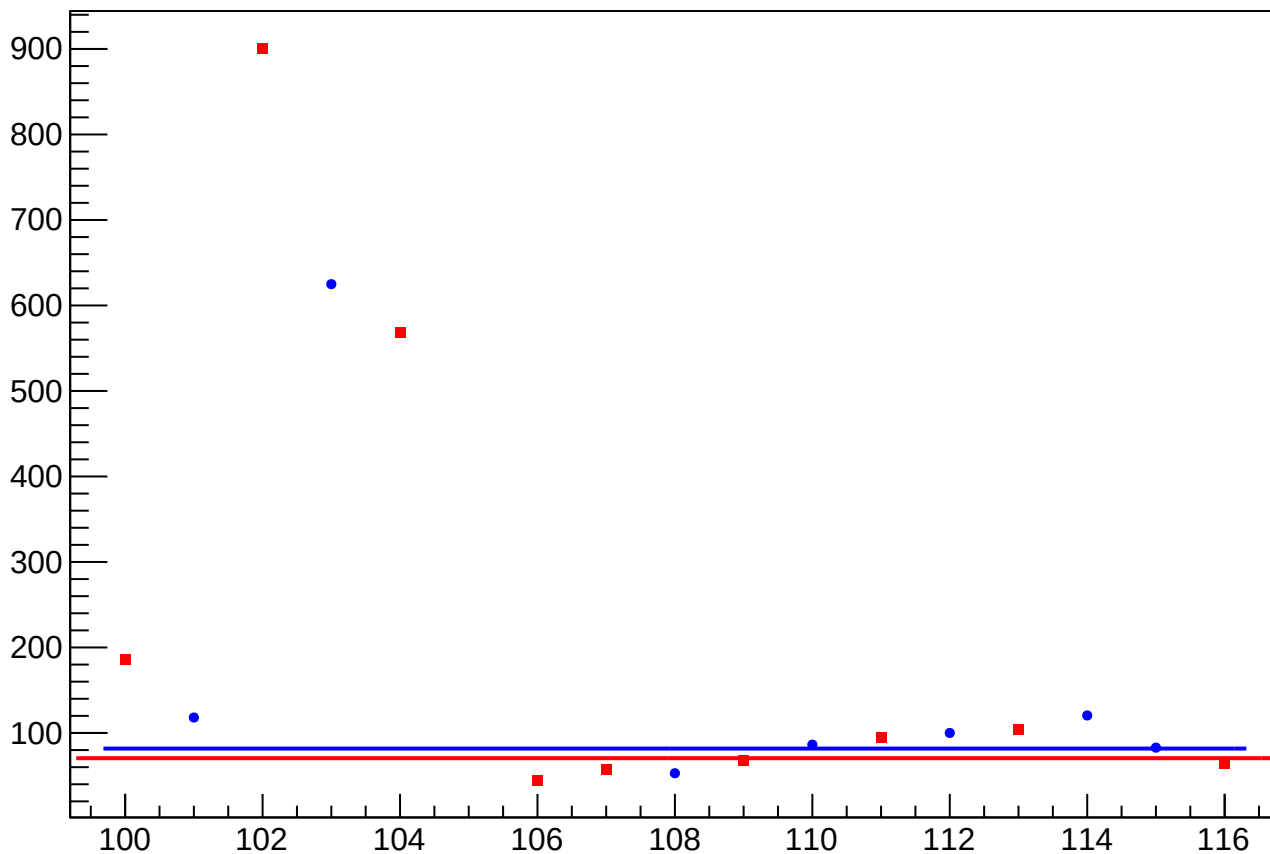
Right: -0.028 $\pm$ 0.038 χ^2 /NDF: 12.3/15

In: 0.008 $\pm$ 0.059 χ^2 /NDF: 3.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.038 χ^2 /NDF: 12.3/15

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.775+/-0.041 χ^2/NDF : 1278318.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.498+/-0.035 χ^2/NDF : 1980306.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

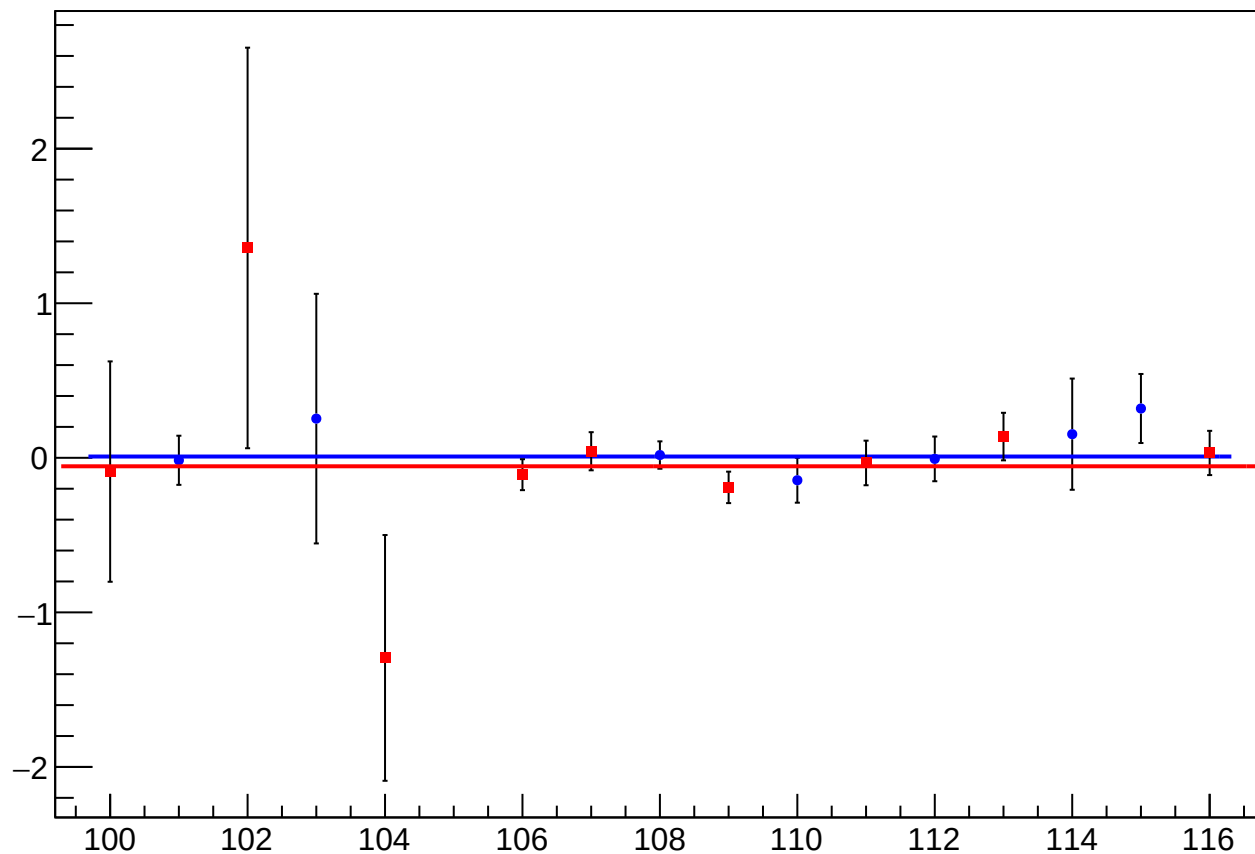
Right: 75.216+/-0.027 χ^2/NDF : 3301740.4/15

In: 81.775+/-0.041 χ^2/NDF : 1278318.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.216+/-0.027 χ^2/NDF : 3301740.4/15

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.059 χ^2 /NDF: 3.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.050 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

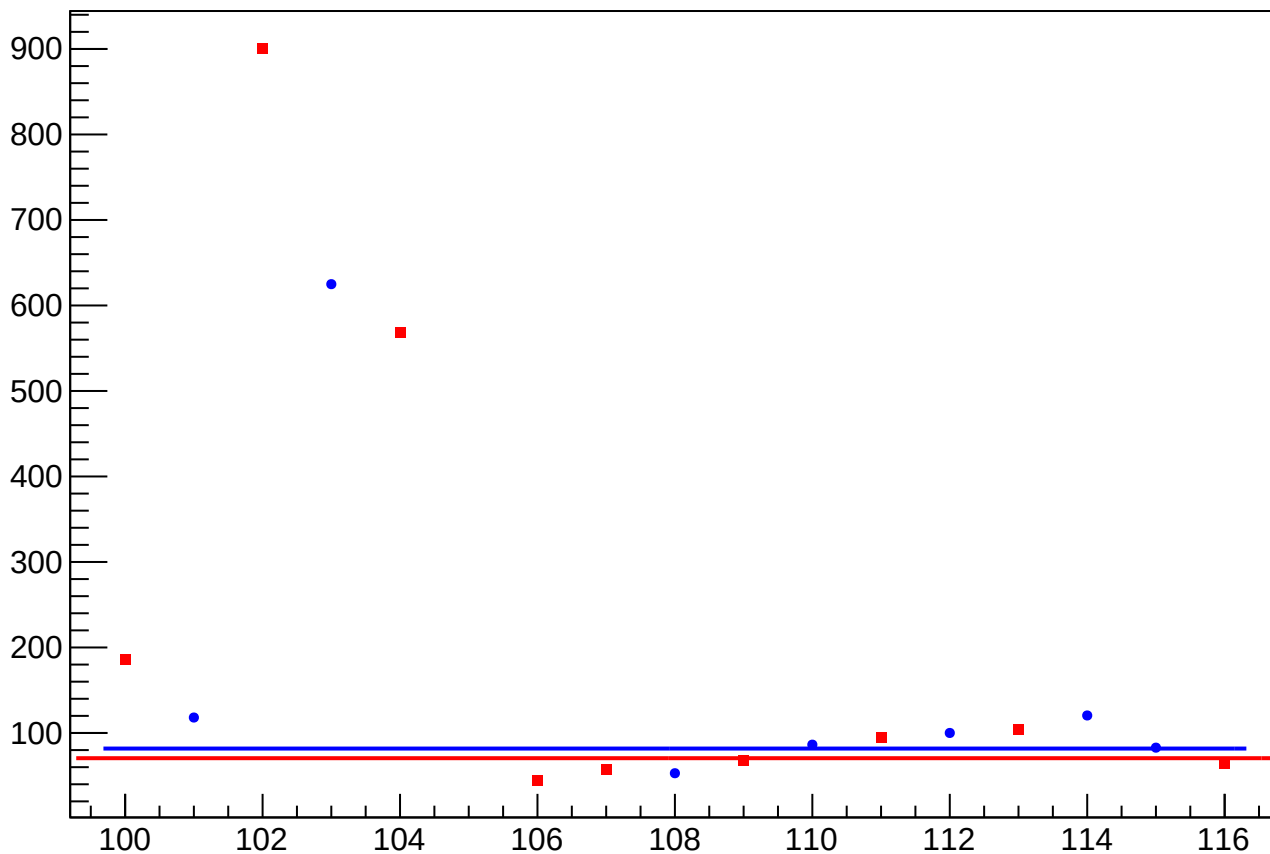
Right: -0.028 $\pm$ 0.038 χ^2 /NDF: 12.3/15

In: 0.008 $\pm$ 0.059 χ^2 /NDF:3.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.038 χ^2 /NDF: 12.3/15

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.775+/-0.041 χ^2/NDF : 1278318.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.498+/-0.035 χ^2/NDF : 1980306.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

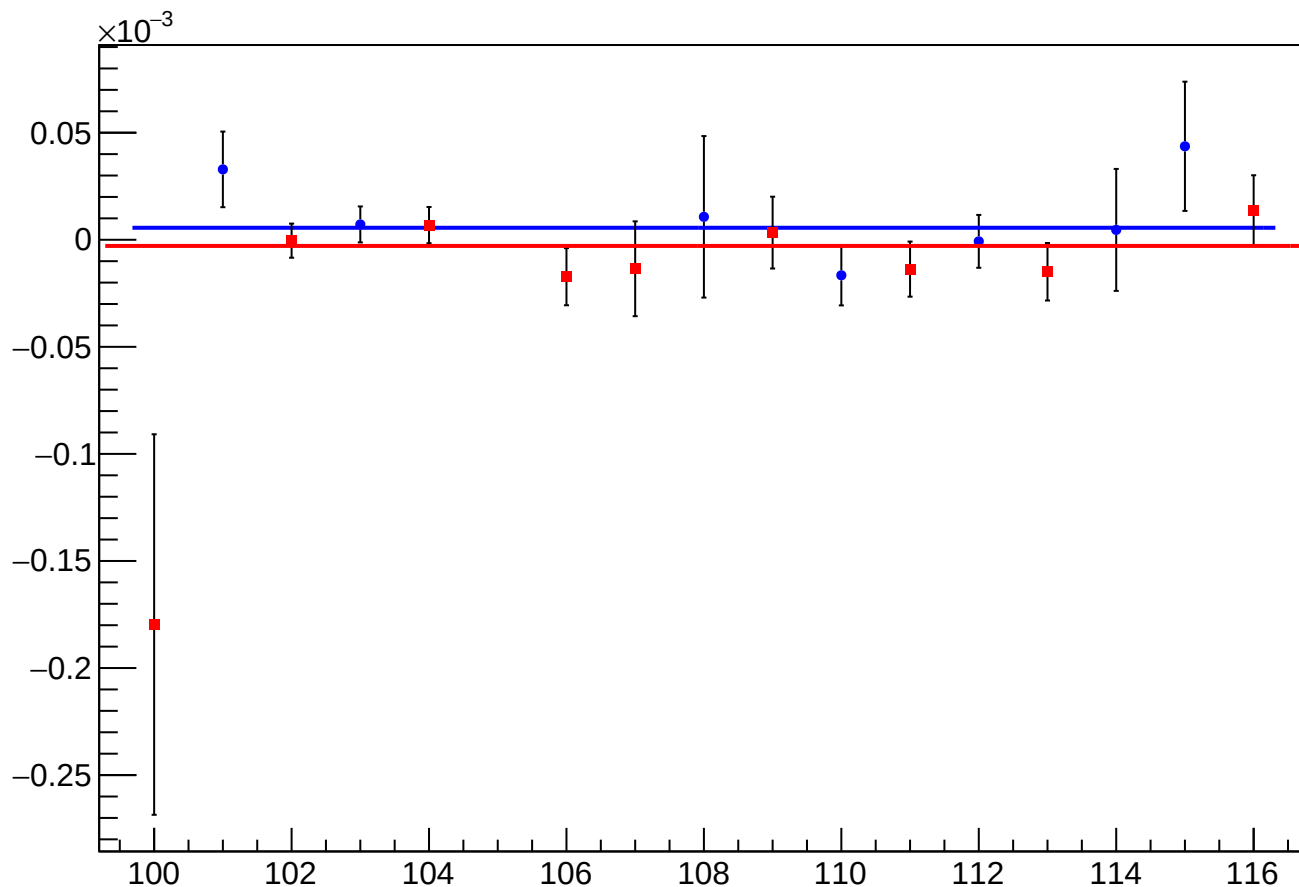
Right: 75.216+/-0.027 χ^2/NDF : 3301740.4/15

In: 81.775+/-0.041 χ^2/NDF : 1278318.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.216+/-0.027 χ^2/NDF : 3301740.4/15

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 : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

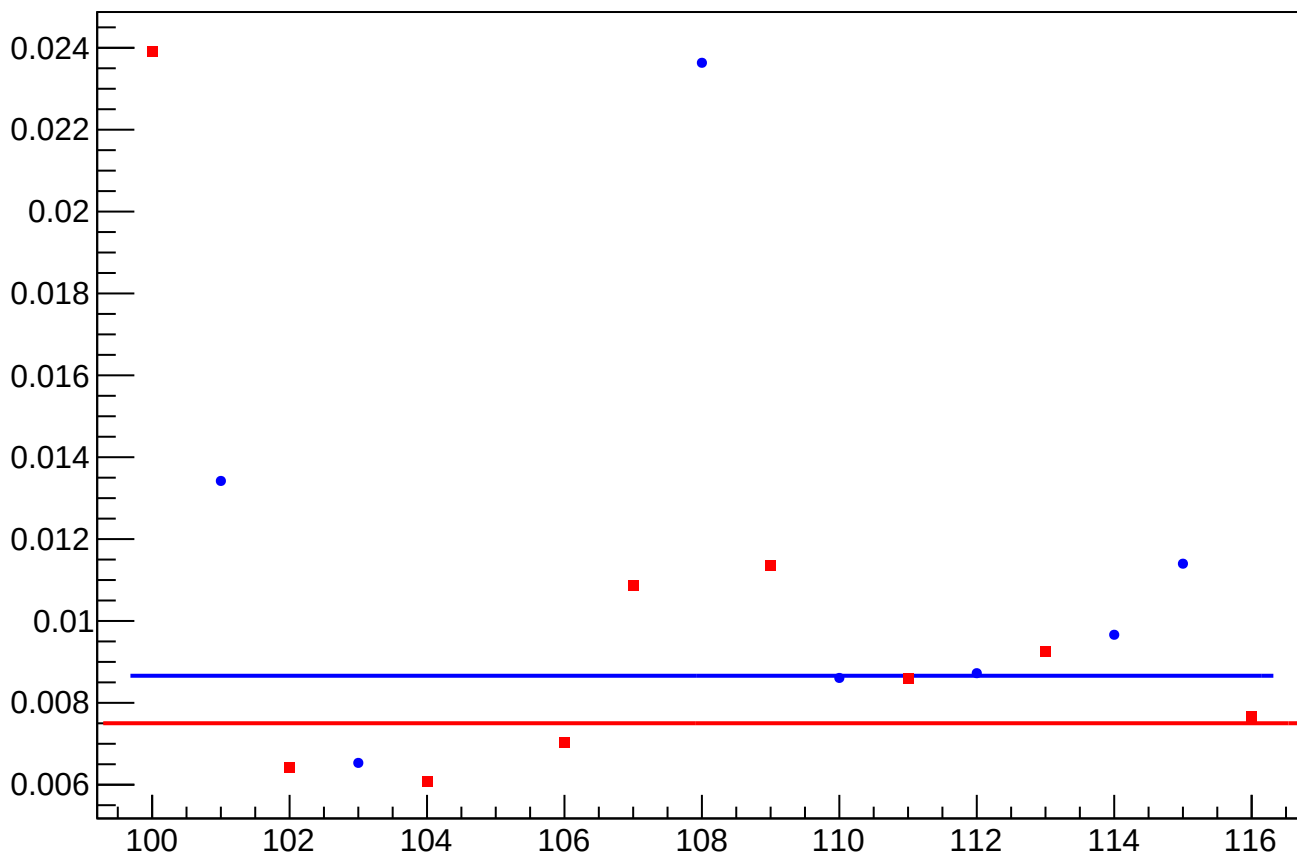
Right: 0.000+/-0.000 χ^2/NDF : 17.7/15

In: 0.000+/-0.000 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/15

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 : 607993.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 364837.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

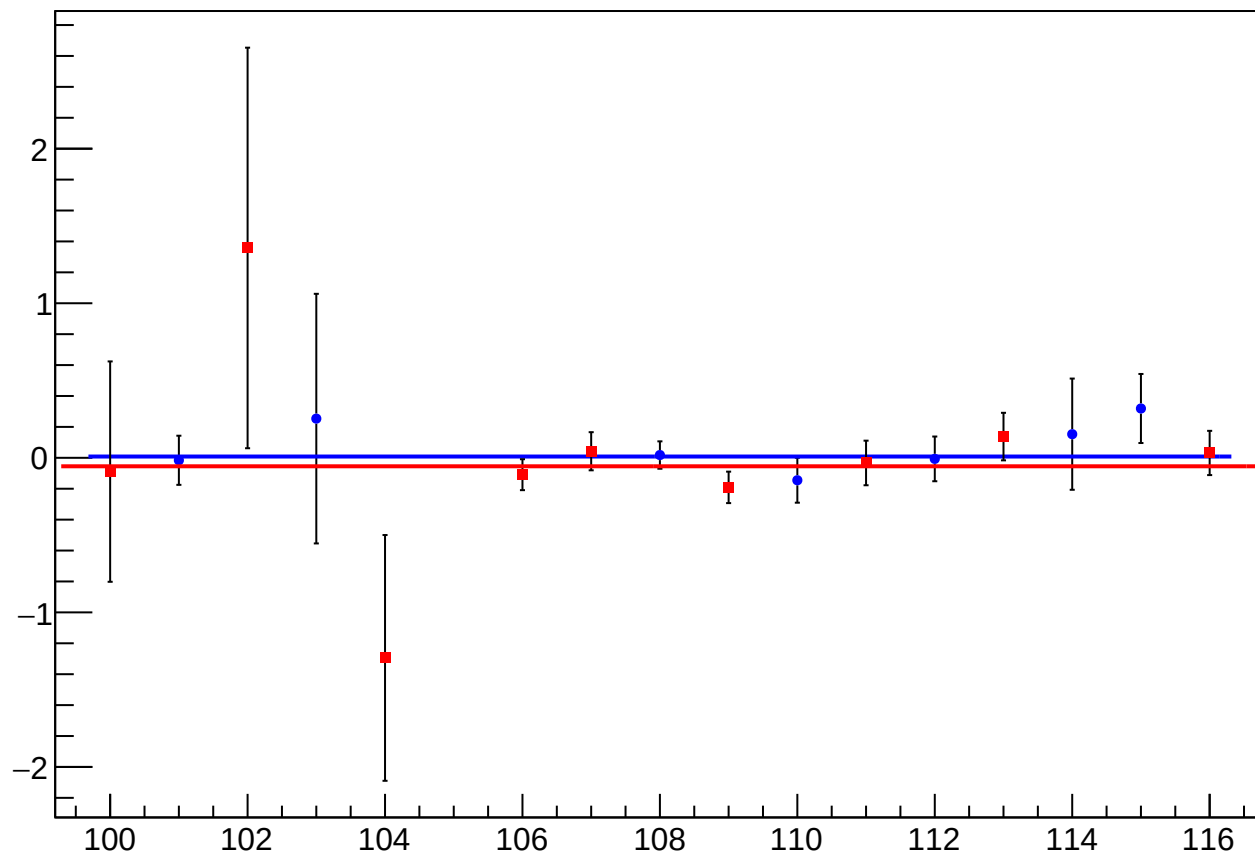
Right: 0.008+/-0.000 χ^2/NDF : 1027776.3/15

In: 0.009+/-0.000 χ^2/NDF :607993.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1027776.3/15

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug_Sign_Corrected



Right In: 0.008 $\pm$ 0.059 χ^2 /NDF: 3.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.050 χ^2 /NDF: 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

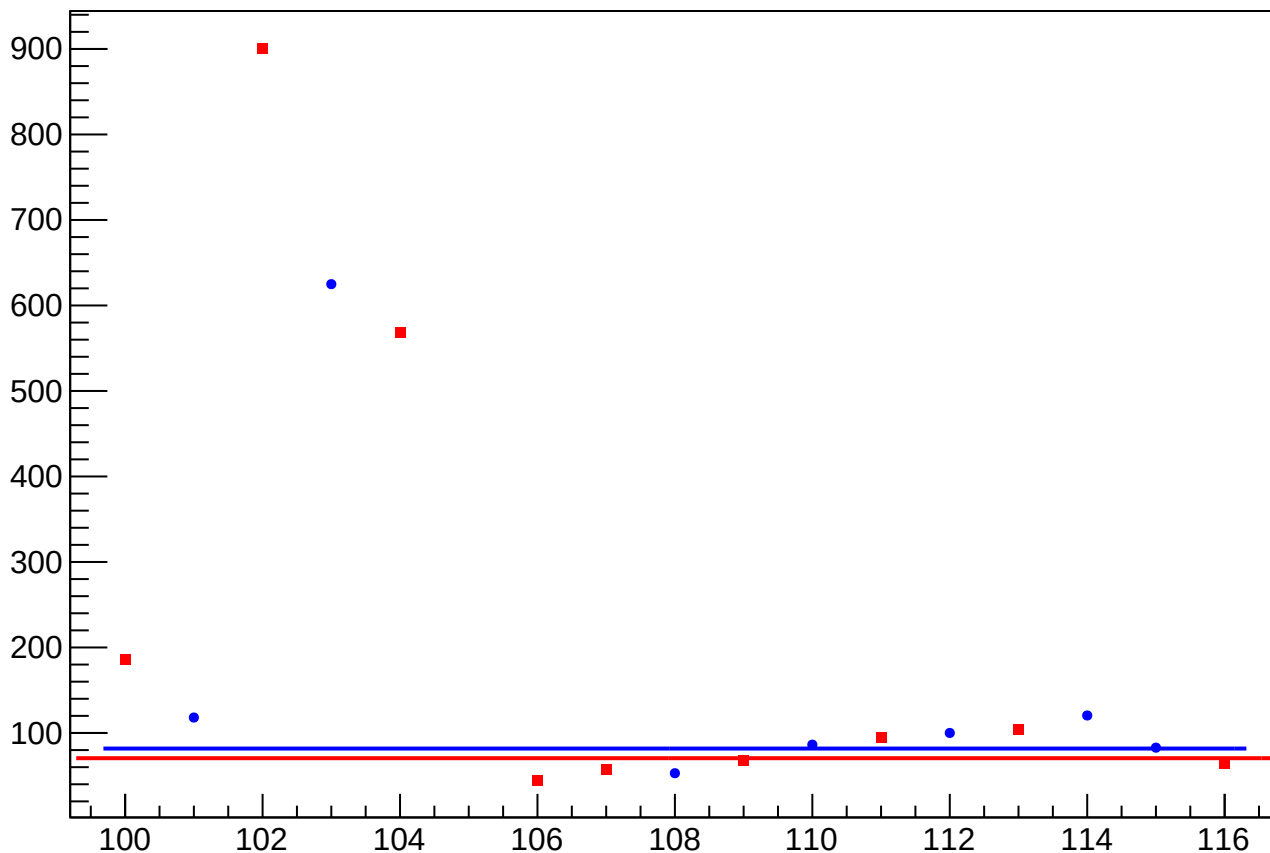
Right: -0.028 $\pm$ 0.038 χ^2 /NDF: 12.3/15

In: 0.008 $\pm$ 0.059 χ^2 /NDF:3.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.038 χ^2 /NDF: 12.3/15

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.782 $\pm$ 0.041 χ^2 /NDF: 1278151.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.498 $\pm$ 0.035 χ^2 /NDF: 1980305.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

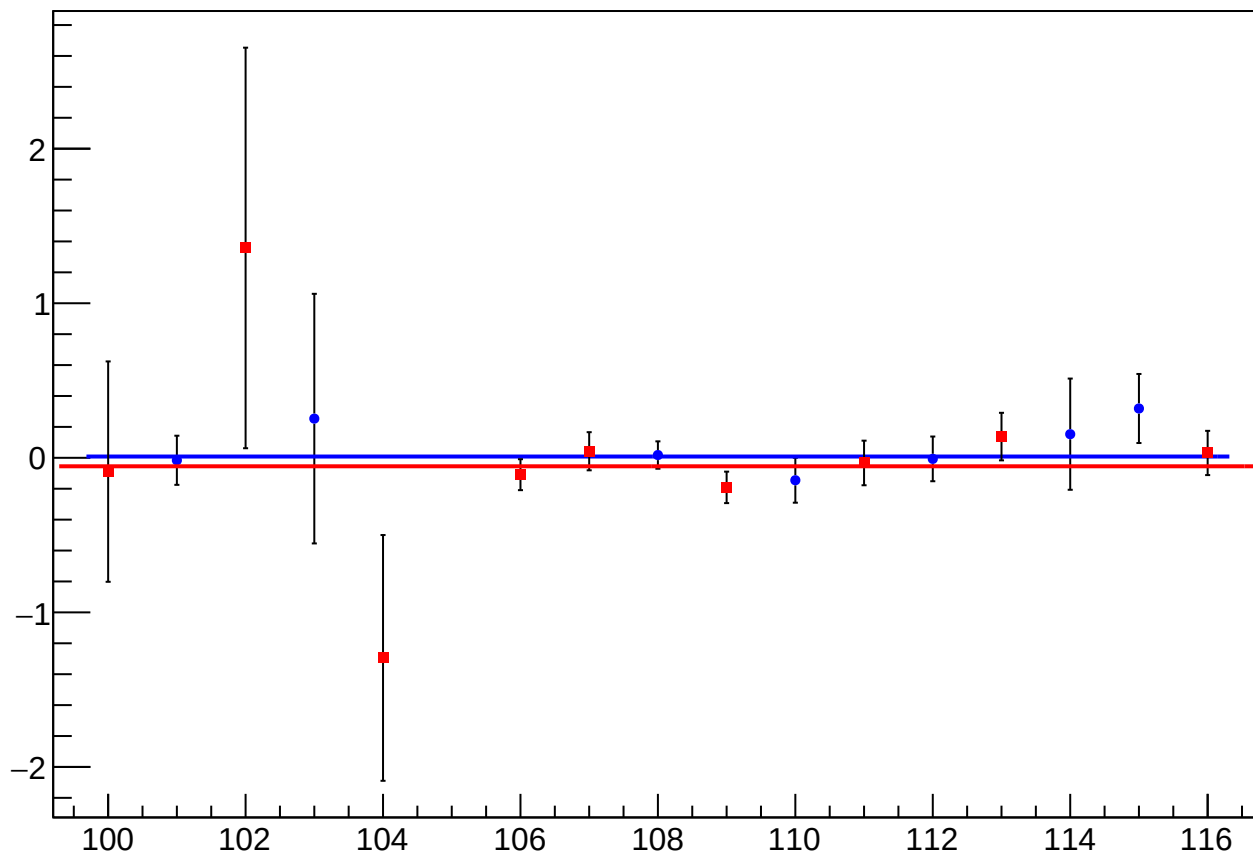
Right: 75.218 $\pm$ 0.027 χ^2 /NDF: 3301627.7/15

In: 81.782 $\pm$ 0.041 χ^2 /NDF:1278151.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.218 $\pm$ 0.027 χ^2 /NDF: 3301627.7/15

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.059 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.055+/-0.050 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

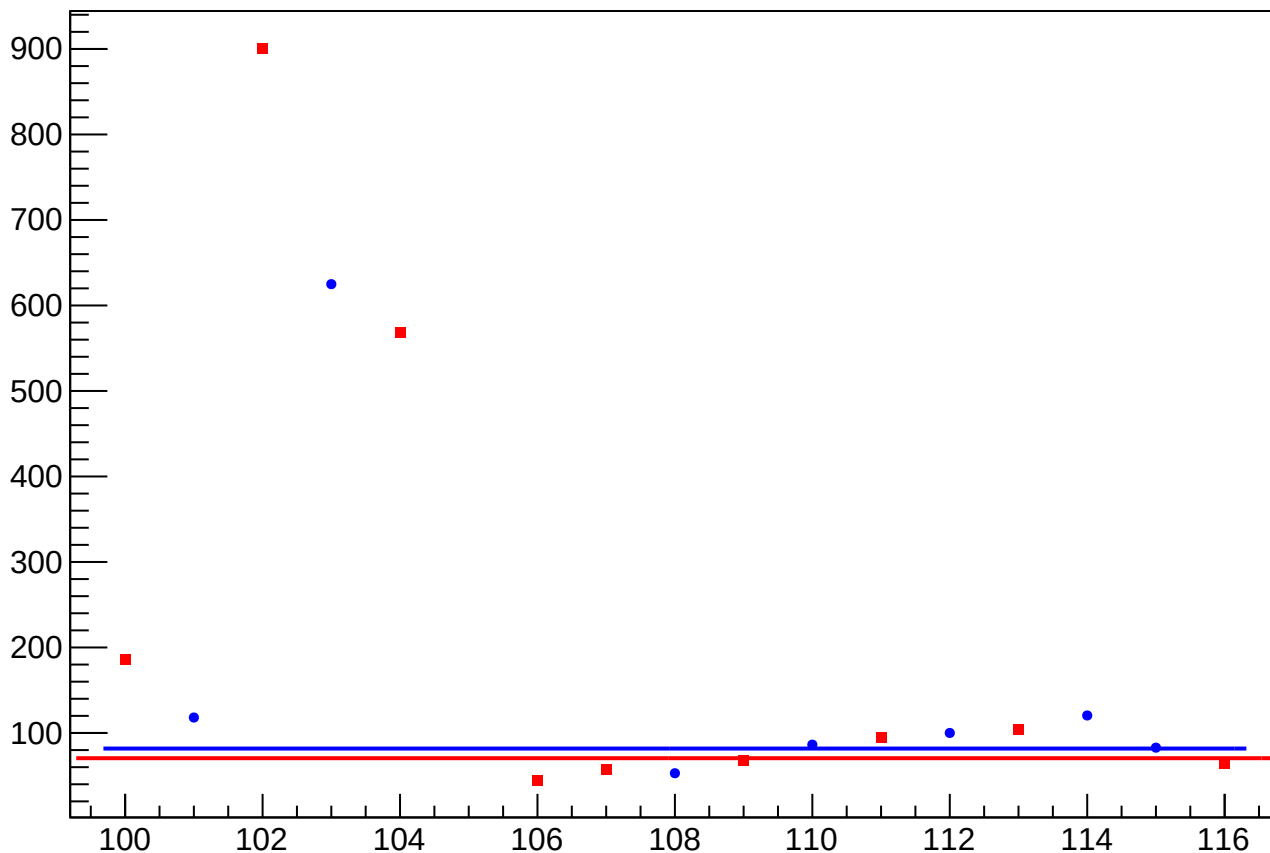
Right: -0.028+/-0.038 χ^2/NDF : 12.3/15

In: 0.008+/-0.059 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.038 χ^2/NDF : 12.3/15

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.782+/-0.041 χ^2/NDF : 1278151.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.498+/-0.035 χ^2/NDF : 1980305.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

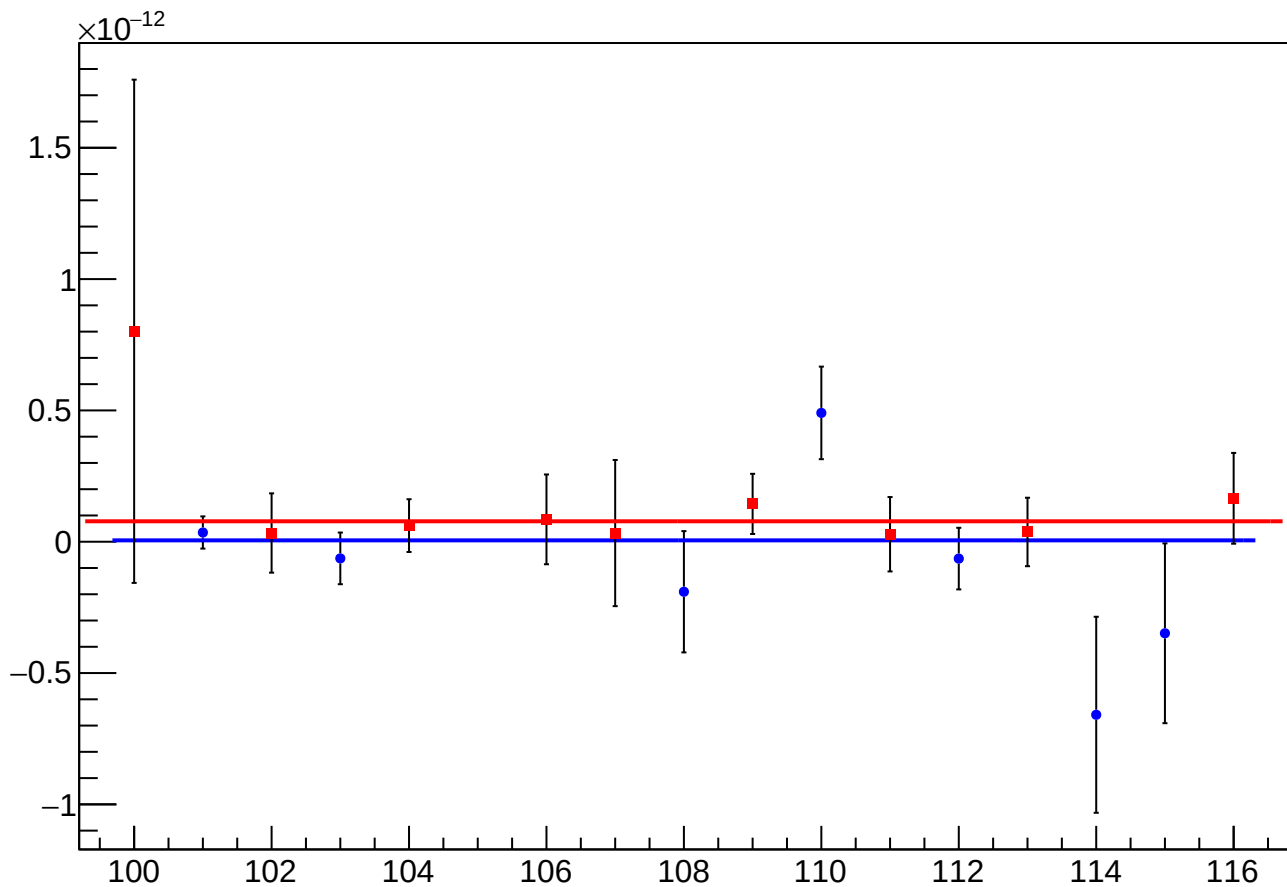
Right: 75.218+/-0.027 χ^2/NDF : 3301627.7/15

In: 81.782+/-0.041 χ^2/NDF : 1278151.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.218+/-0.027 χ^2/NDF : 3301627.7/15

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 : 13.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

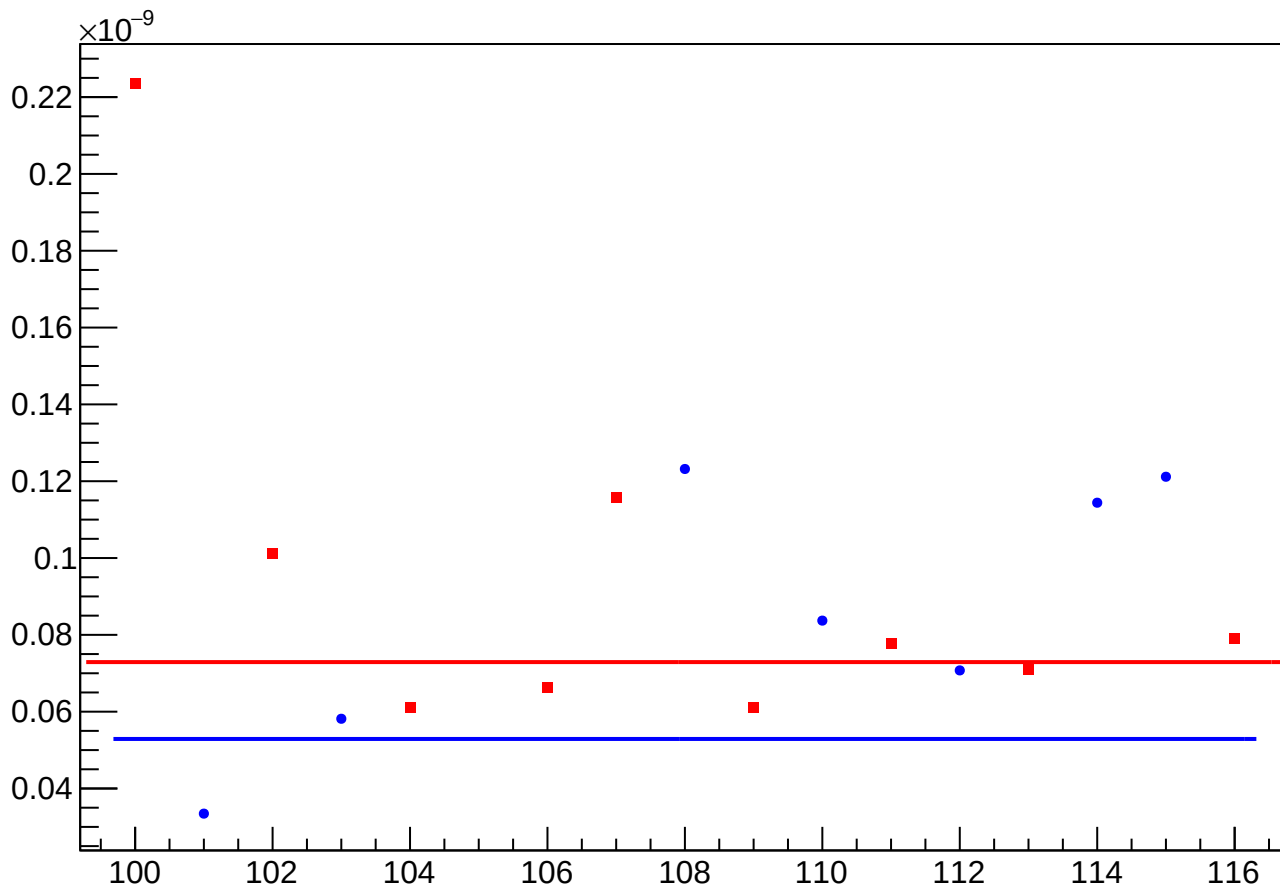
Right: 0.000+/-0.000 χ^2/NDF : 16.3/15

In: 0.000+/-0.000 χ^2/NDF : 13.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.3/15

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 : 633547.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223791.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

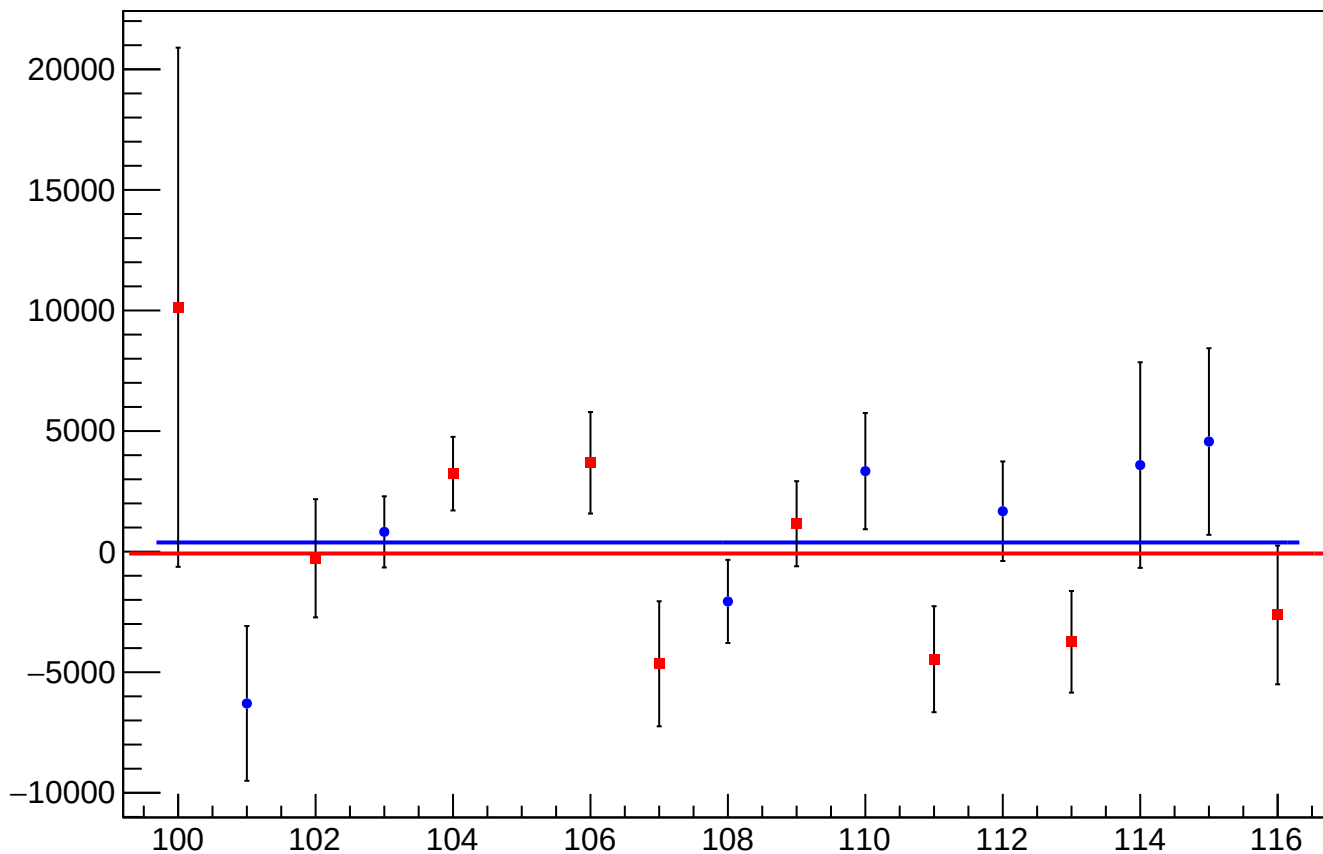
Right: 0.000+/-0.000 χ^2/NDF : 1039120.0/15

In: 0.000+/-0.000 χ^2/NDF : 633547.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1039120.0/15

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 380.845+/-838.701 χ^2/NDF : 10.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.585+/-734.623 χ^2/NDF : 20.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

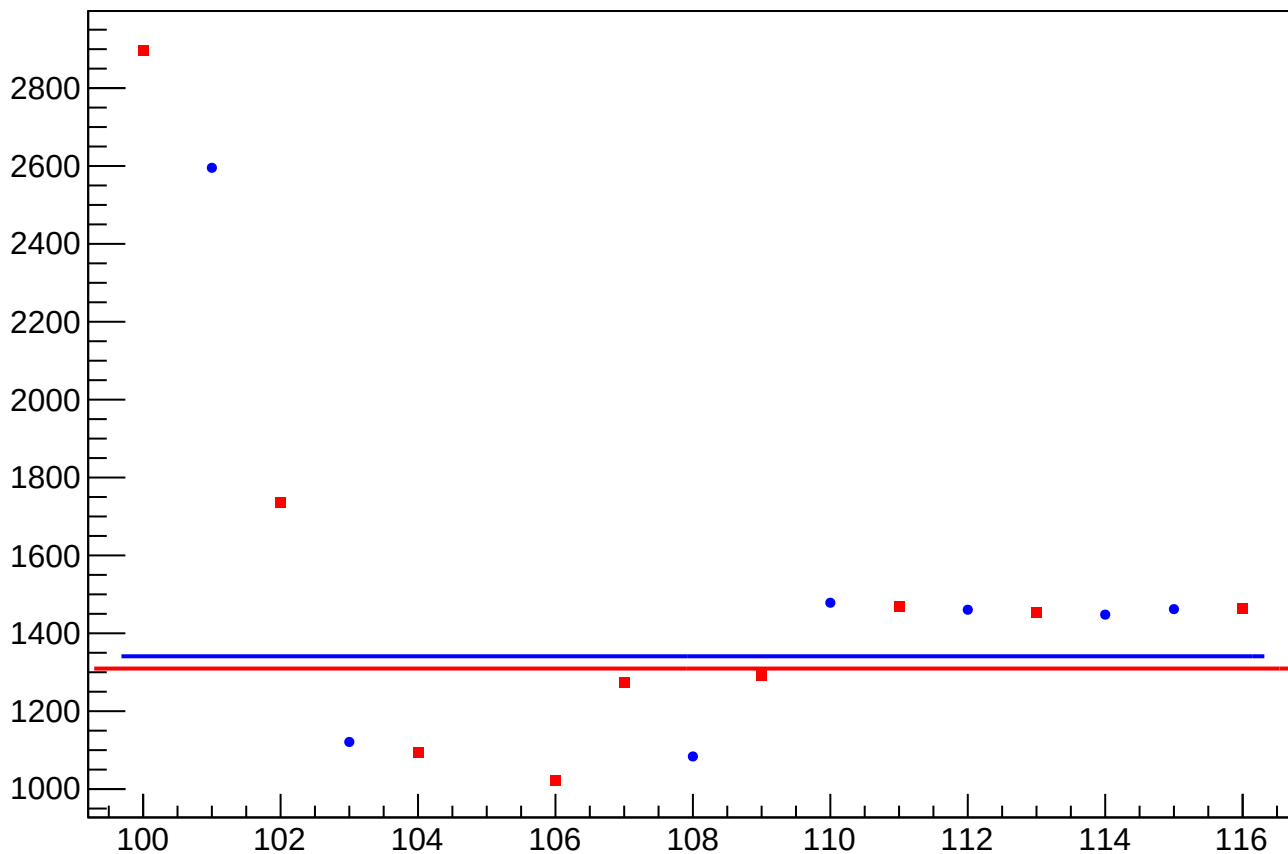
Right: 122.002+/-552.612 χ^2/NDF : 30.4/15

In: 380.845+/-838.701 χ^2/NDF : 10.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.002+/-552.612 χ^2/NDF : 30.4/15

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1340.973+/-0.593 χ^2/NDF : 411077.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.504+/-0.519 χ^2/NDF : 207210.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

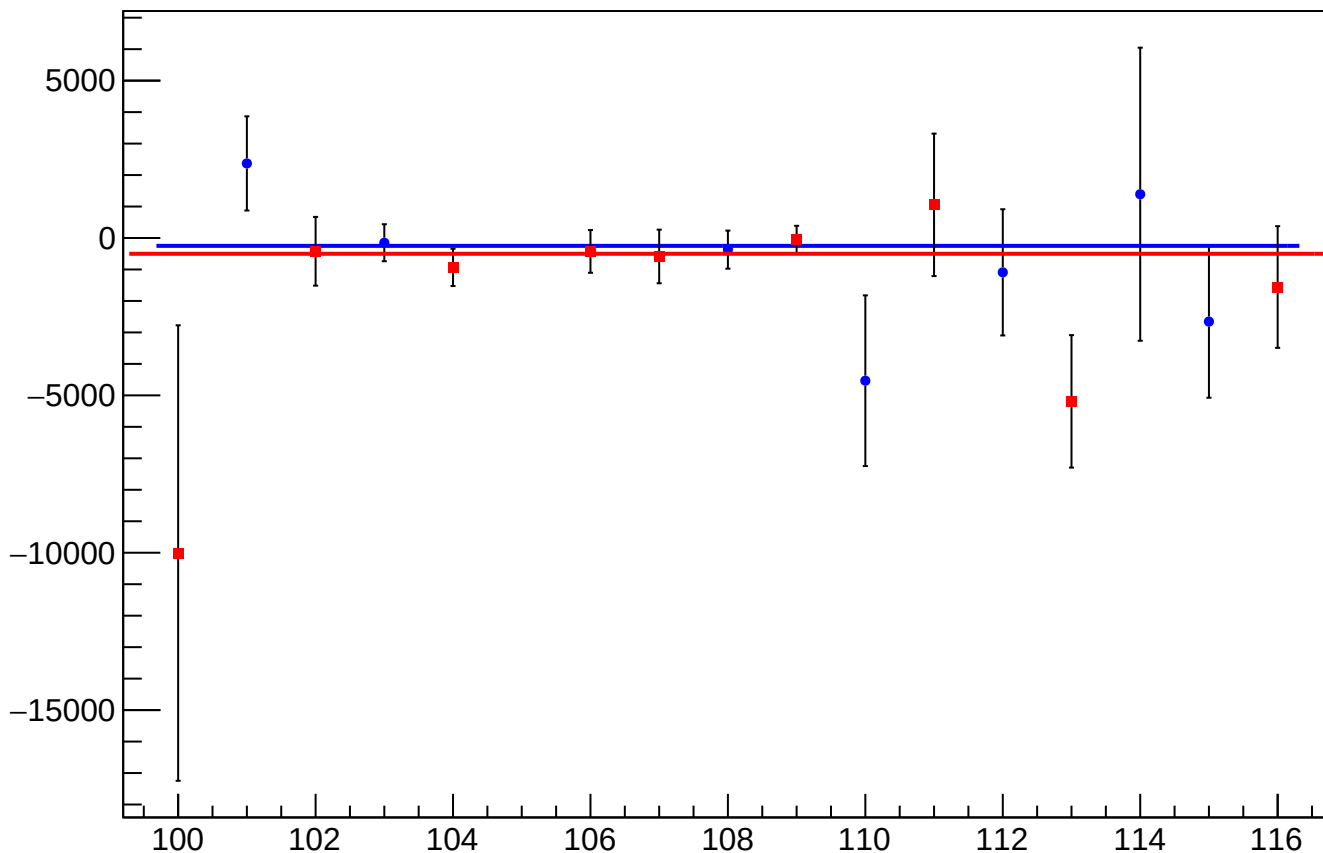
Right: 1323.165+/-0.391 χ^2/NDF : 619880.8/15

In: 1340.973+/-0.593 χ^2/NDF : 411077.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.165+/-0.391 χ^2/NDF : 619880.8/15

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -249.501 $\pm$ 387.061 χ^2 /NDF: 6.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -501.319 $\pm$ 275.906 χ^2 /NDF: 9.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

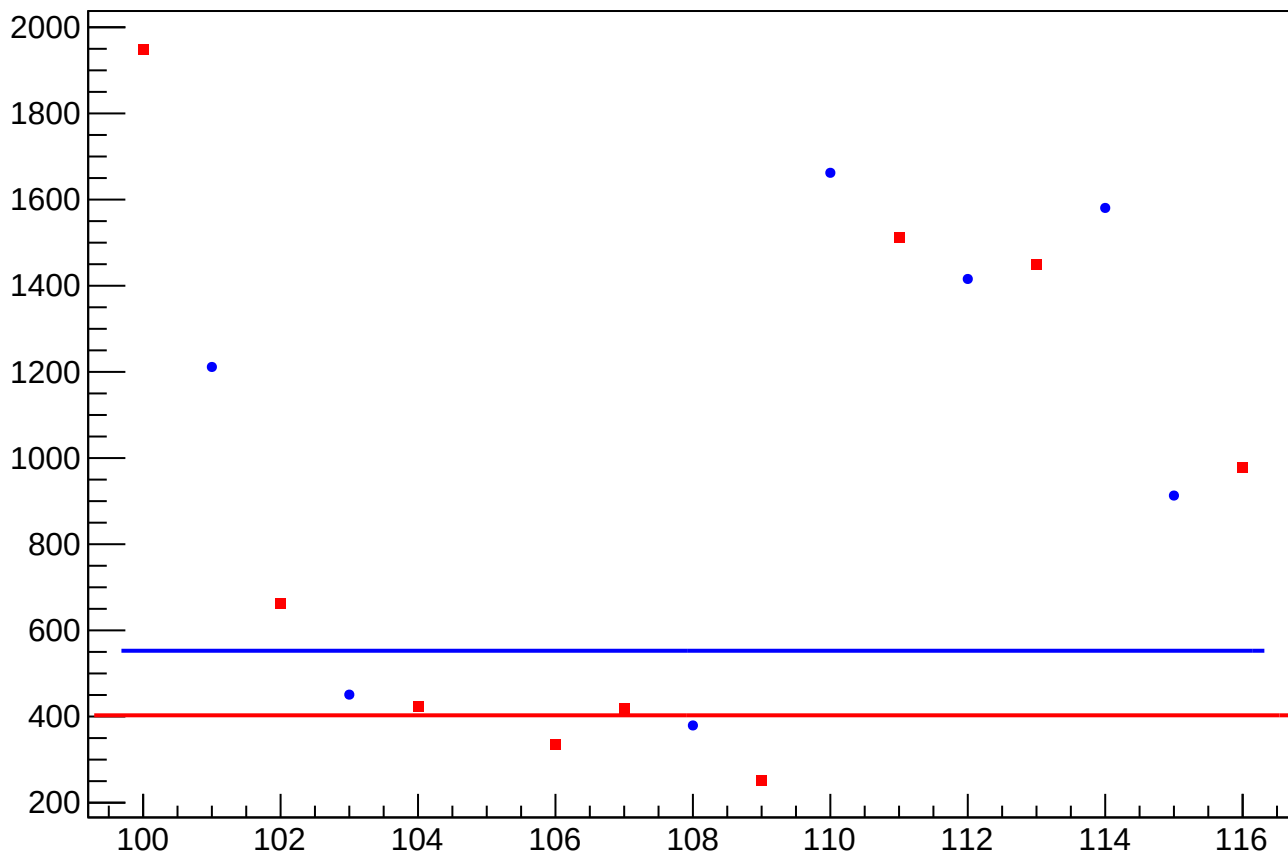
Right: -416.476 $\pm$ 224.669 χ^2 /NDF: 16.3/15

In: -249.501 $\pm$ 387.061 χ^2 /NDF: 6.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -416.476 $\pm$ 224.669 χ^2 /NDF: 16.3/15

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.699+/-0.274 χ^2/NDF : 1459106.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 402.833+/-0.195 χ^2/NDF : 1619044.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

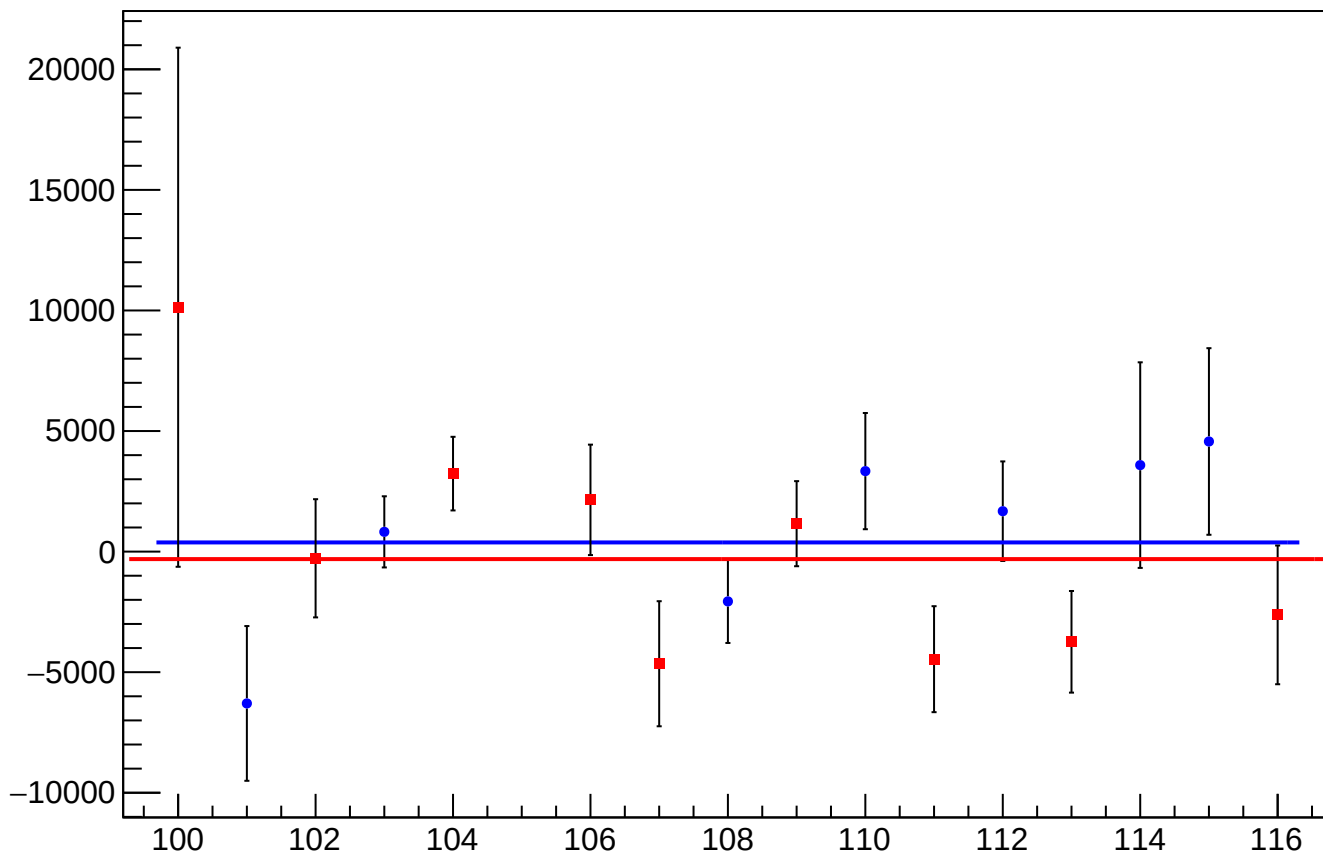
Right: 453.326+/-0.159 χ^2/NDF : 3276962.0/15

In: 552.699+/-0.274 χ^2/NDF : 1459106.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.326+/-0.159 χ^2/NDF : 3276962.0/15

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 380.553+/-838.701 χ^2/NDF : 10.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -310.521+/-741.641 χ^2/NDF : 17.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

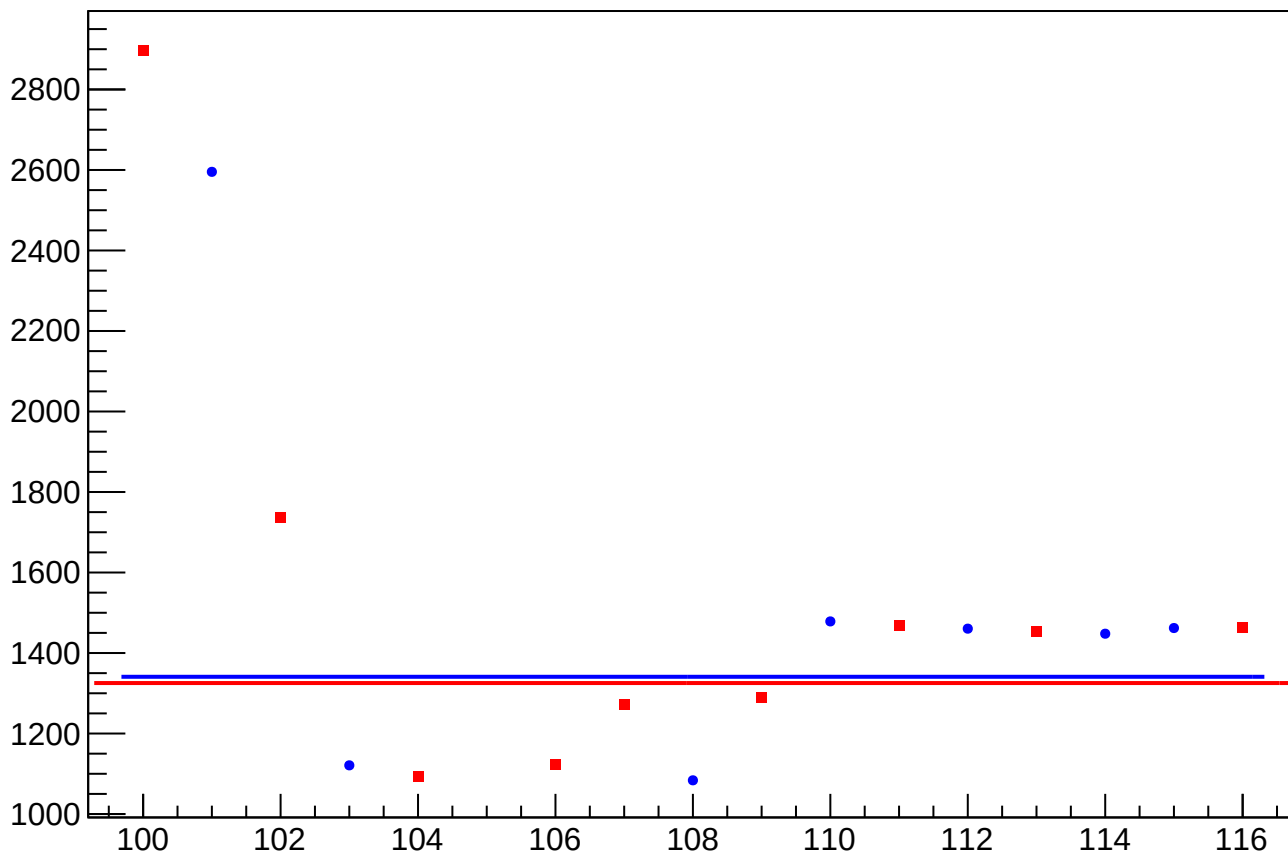
Right: -7.268+/-555.581 χ^2/NDF : 28.3/15

In: 380.553+/-838.701 χ^2/NDF : 10.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.268+/-555.581 χ^2/NDF : 28.3/15

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1340.972+/-0.593 χ^2/NDF : 411077.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.409+/-0.524 χ^2/NDF : 182608.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

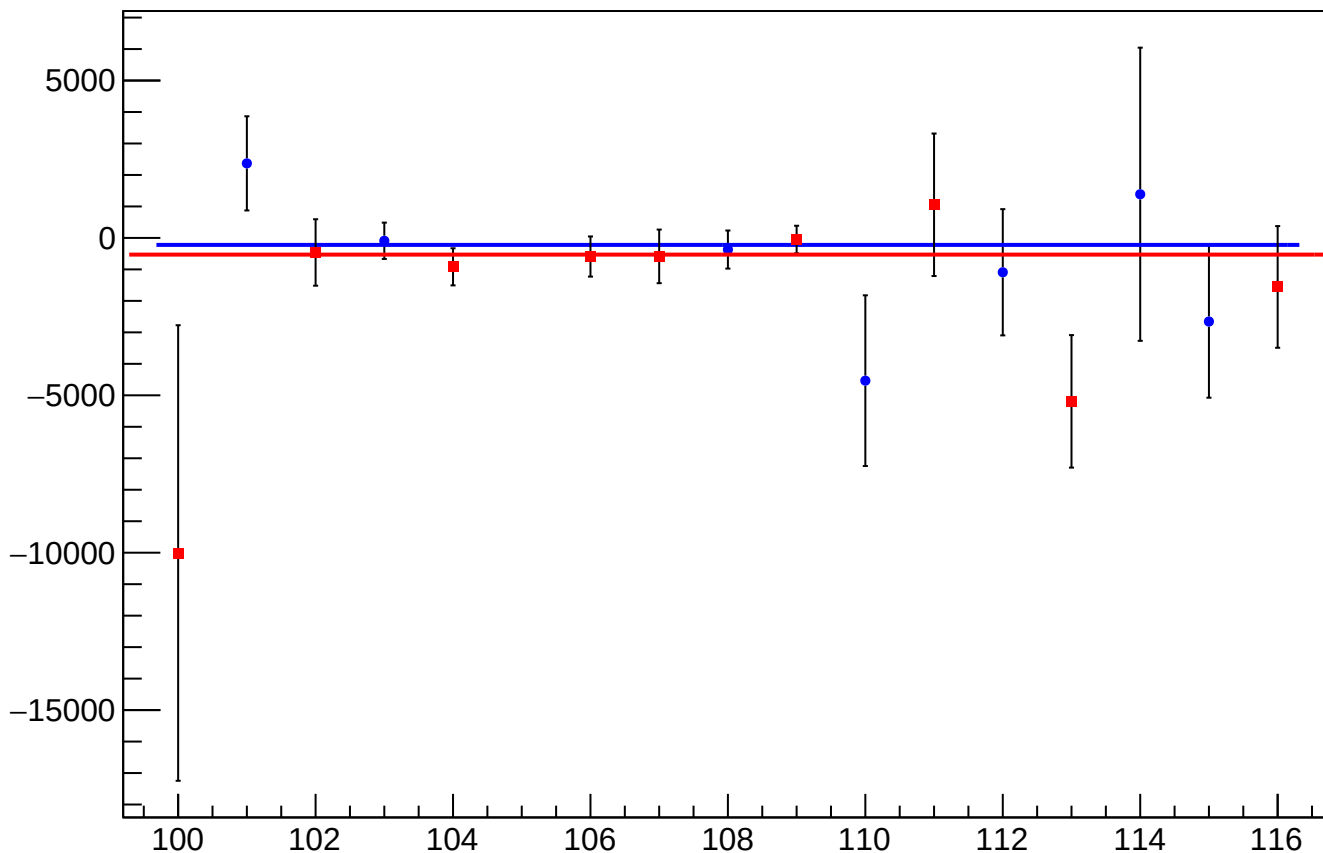
Right: 1332.239+/-0.393 χ^2/NDF : 594072.6/15

In: 1340.972+/-0.593 χ^2/NDF : 411077.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.239+/-0.393 χ^2/NDF : 594072.6/15

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -221.408+/-383.820 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.006+/-271.997 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

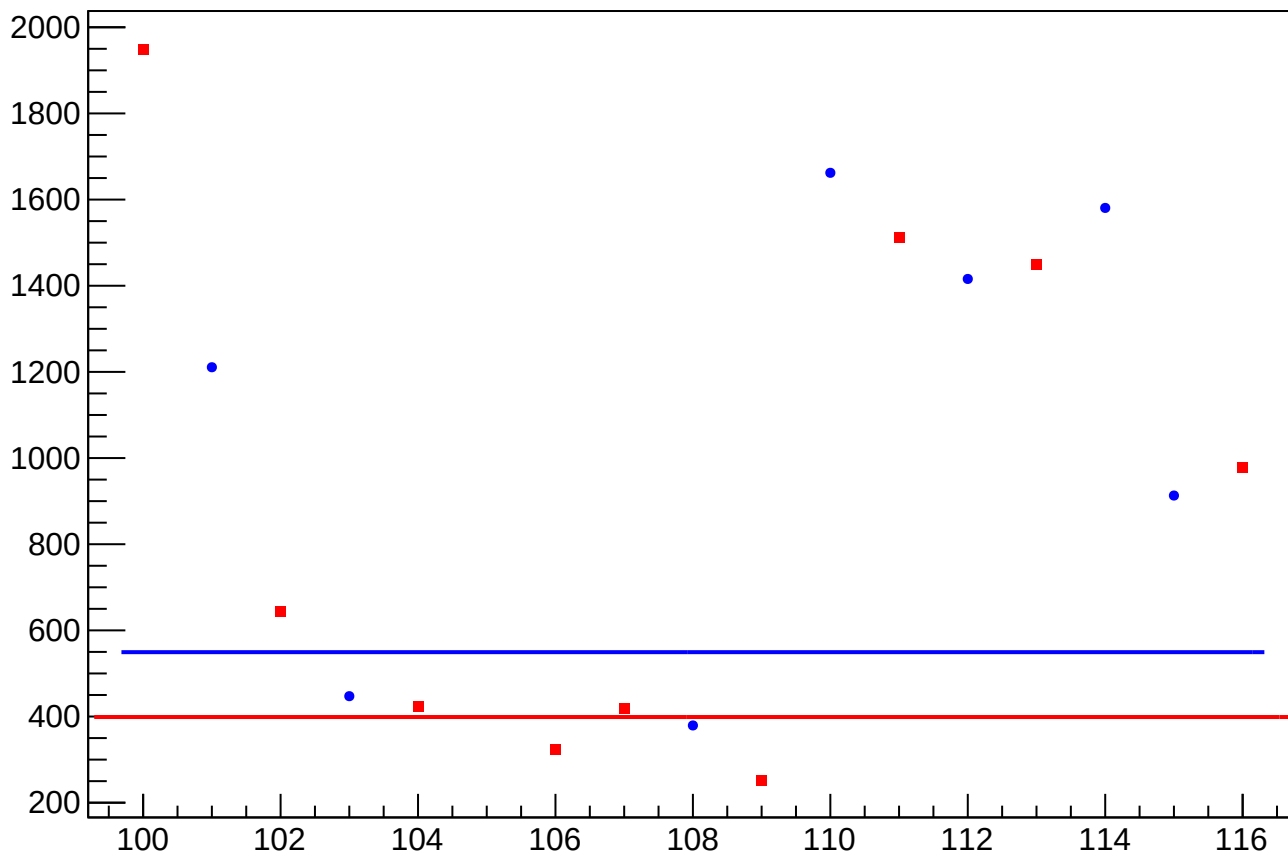
Right: -426.839+/-221.922 χ^2/NDF : 16.4/15

In: -221.408+/-383.820 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.839+/-221.922 χ^2/NDF : 16.4/15

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 549.415+/-0.271 χ^2/NDF : 1465413.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 398.869+/-0.192 χ^2/NDF : 1619795.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

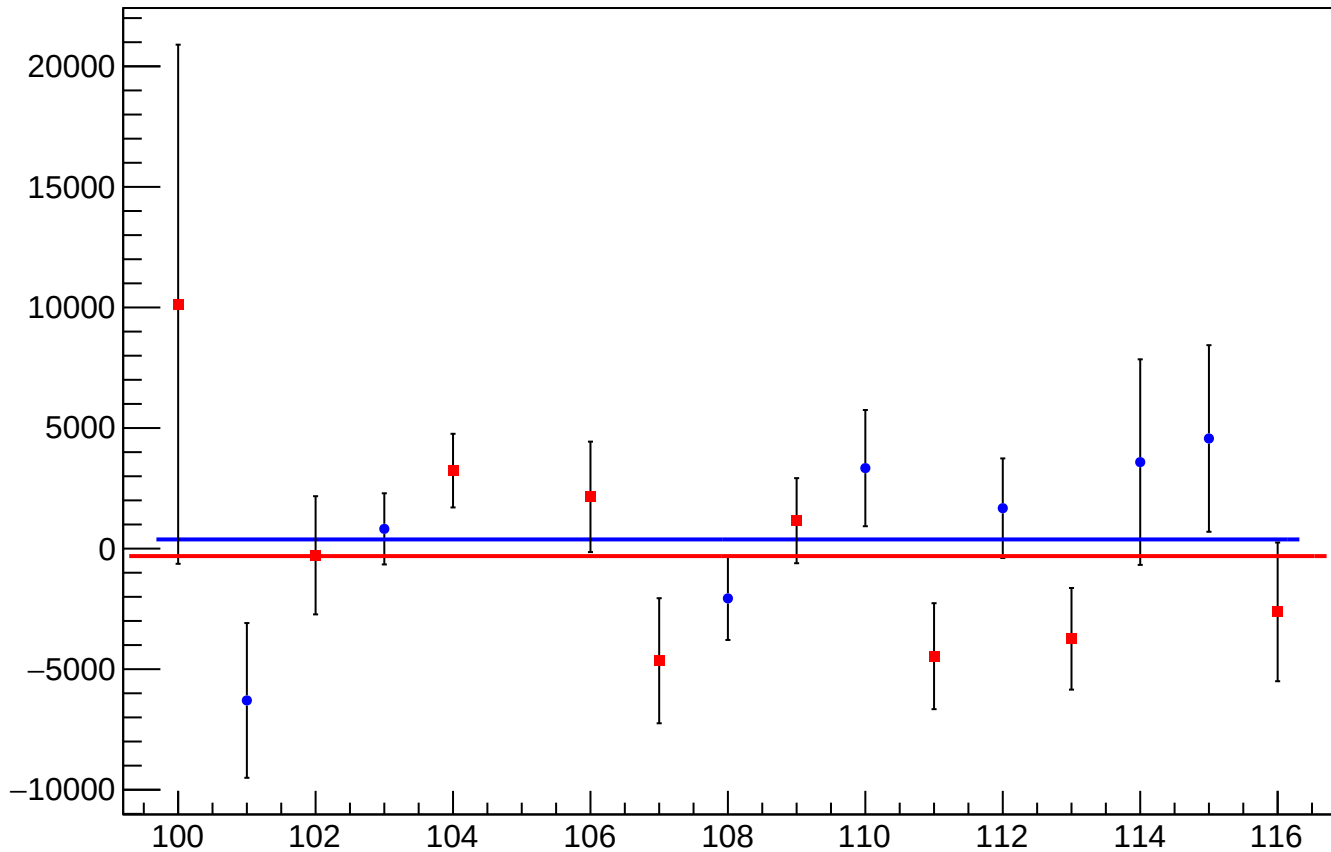
Right: 449.198+/-0.157 χ^2/NDF : 3290033.1/15

In: 549.415+/-0.271 χ^2/NDF :1465413.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 449.198+/-0.157 χ^2/NDF : 3290033.1/15

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 380.553+/-838.701 χ^2/NDF : 10.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -310.521+/-741.641 χ^2/NDF : 17.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

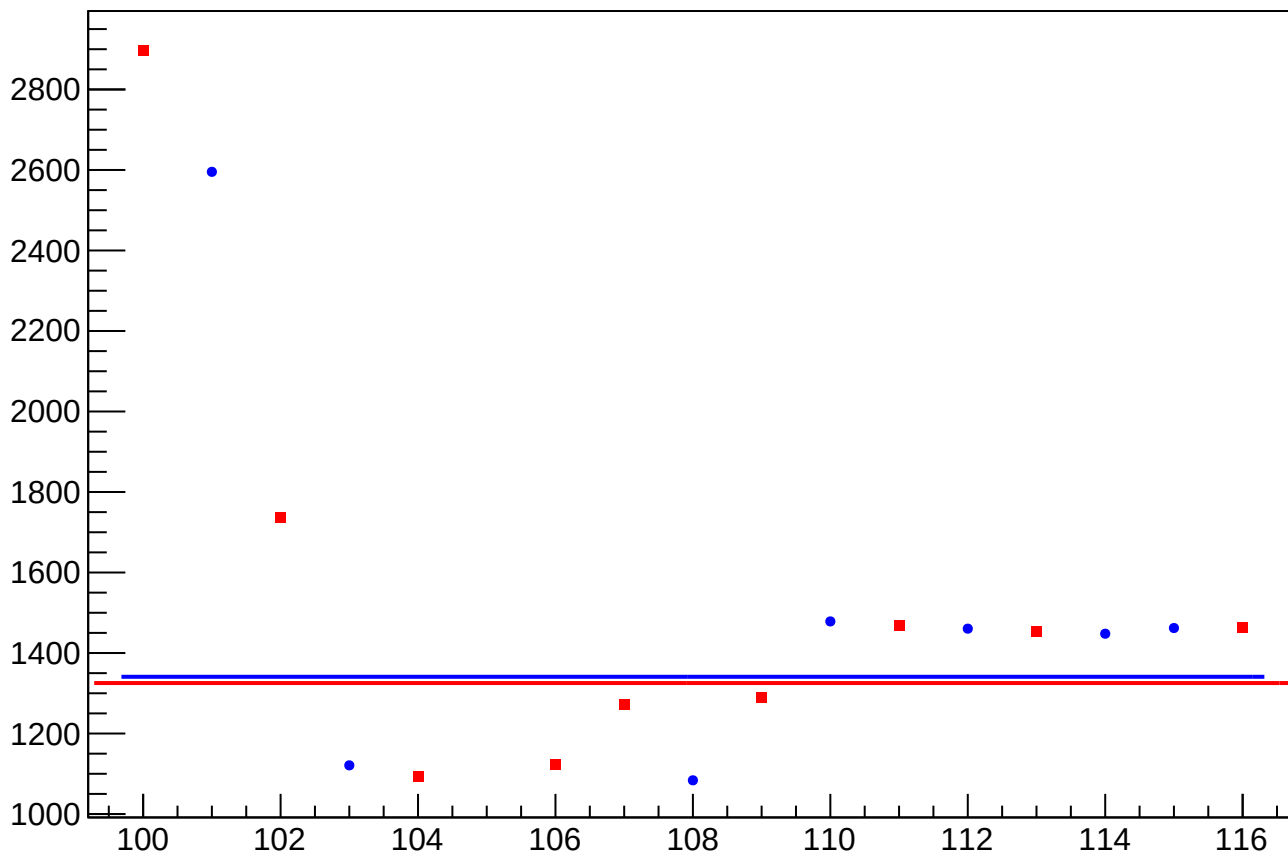
Right: -7.268+/-555.581 χ^2/NDF : 28.3/15

In: 380.553+/-838.701 χ^2/NDF :10.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.268+/-555.581 χ^2/NDF : 28.3/15

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1340.972+/-0.593 χ^2/NDF : 411077.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.409+/-0.524 χ^2/NDF : 182608.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

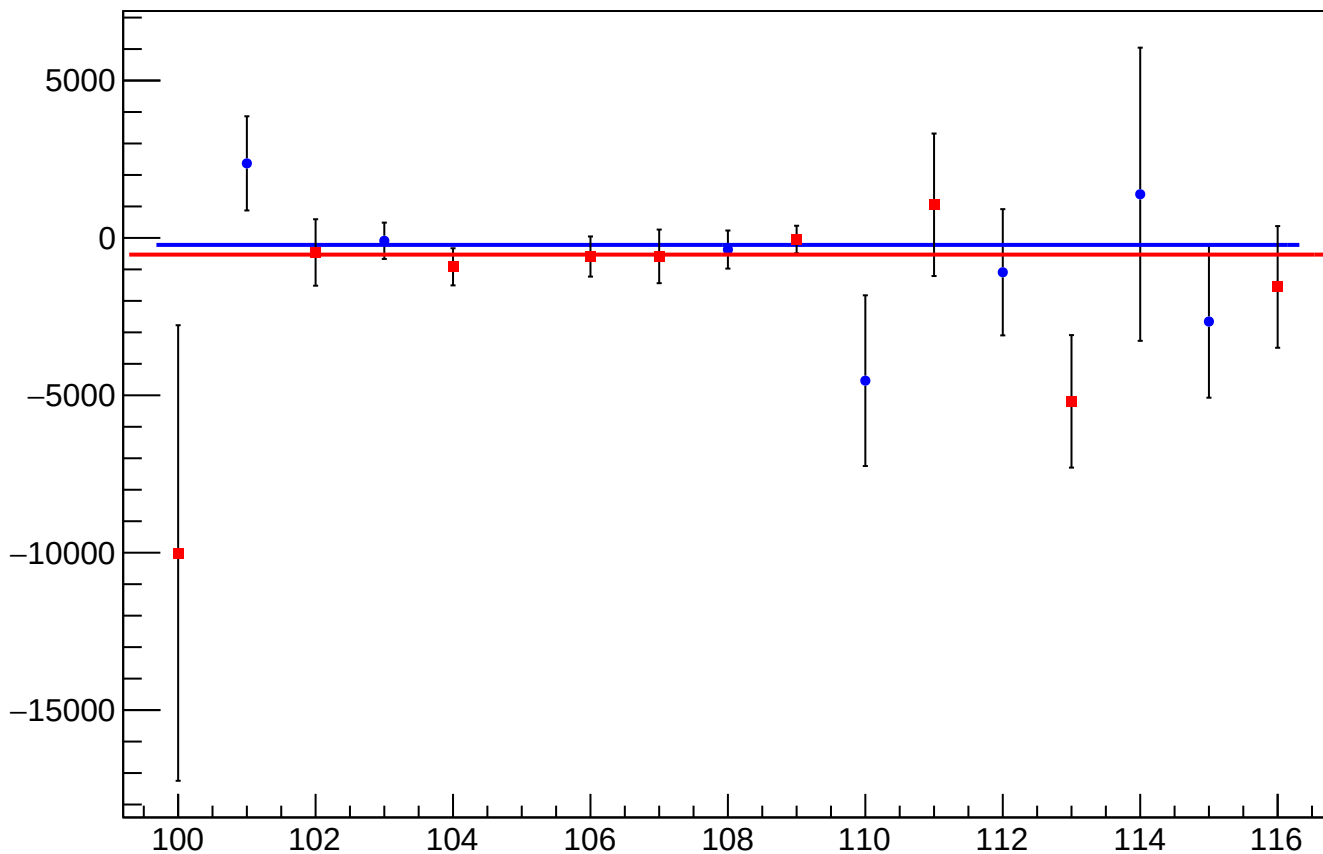
Right: 1332.239+/-0.393 χ^2/NDF : 594072.6/15

In: 1340.972+/-0.593 χ^2/NDF : 411077.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.239+/-0.393 χ^2/NDF : 594072.6/15

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -221.408+/-383.820 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.006+/-271.997 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

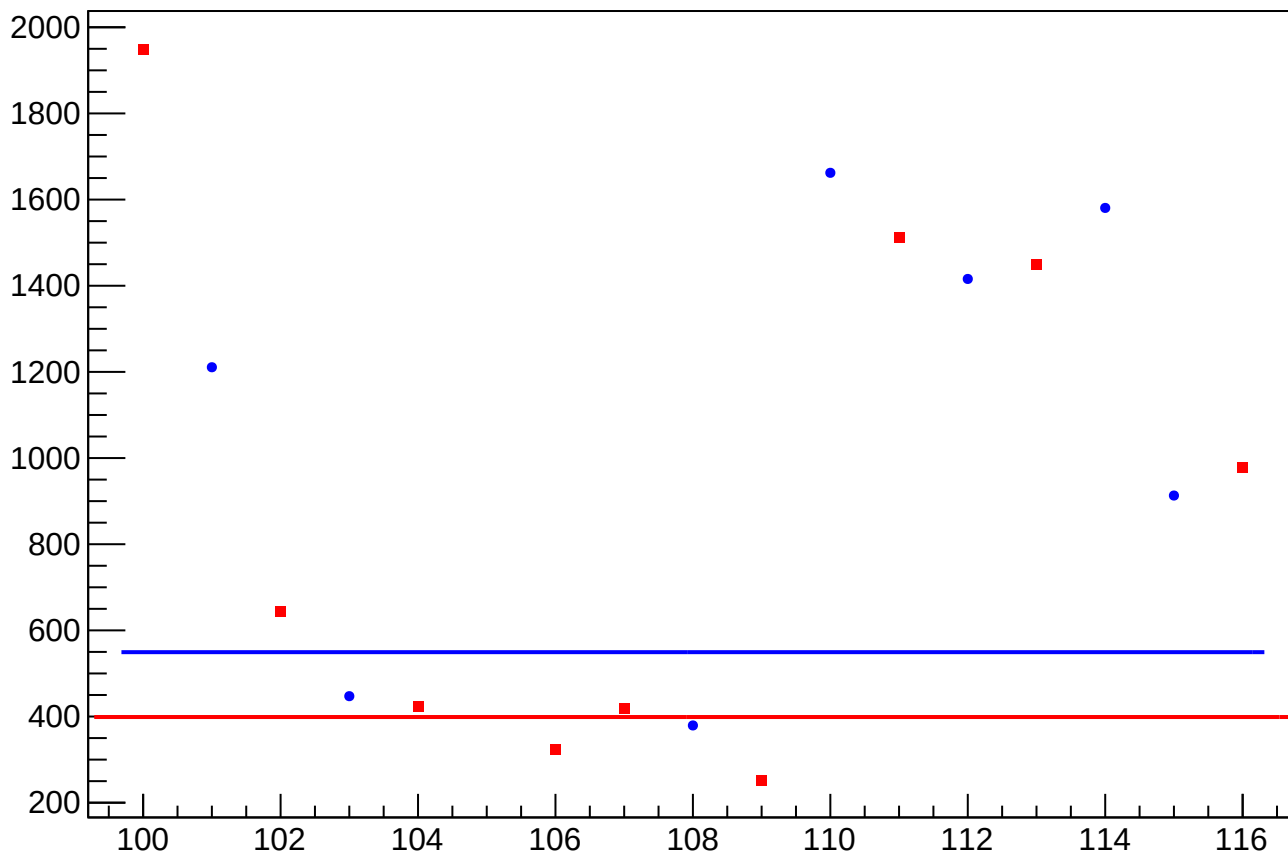
Right: -426.839+/-221.922 χ^2/NDF : 16.4/15

In: -221.408+/-383.820 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.839+/-221.922 χ^2/NDF : 16.4/15

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 549.415+/-0.271 χ^2/NDF : 1465413.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 398.869+/-0.192 χ^2/NDF : 1619795.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

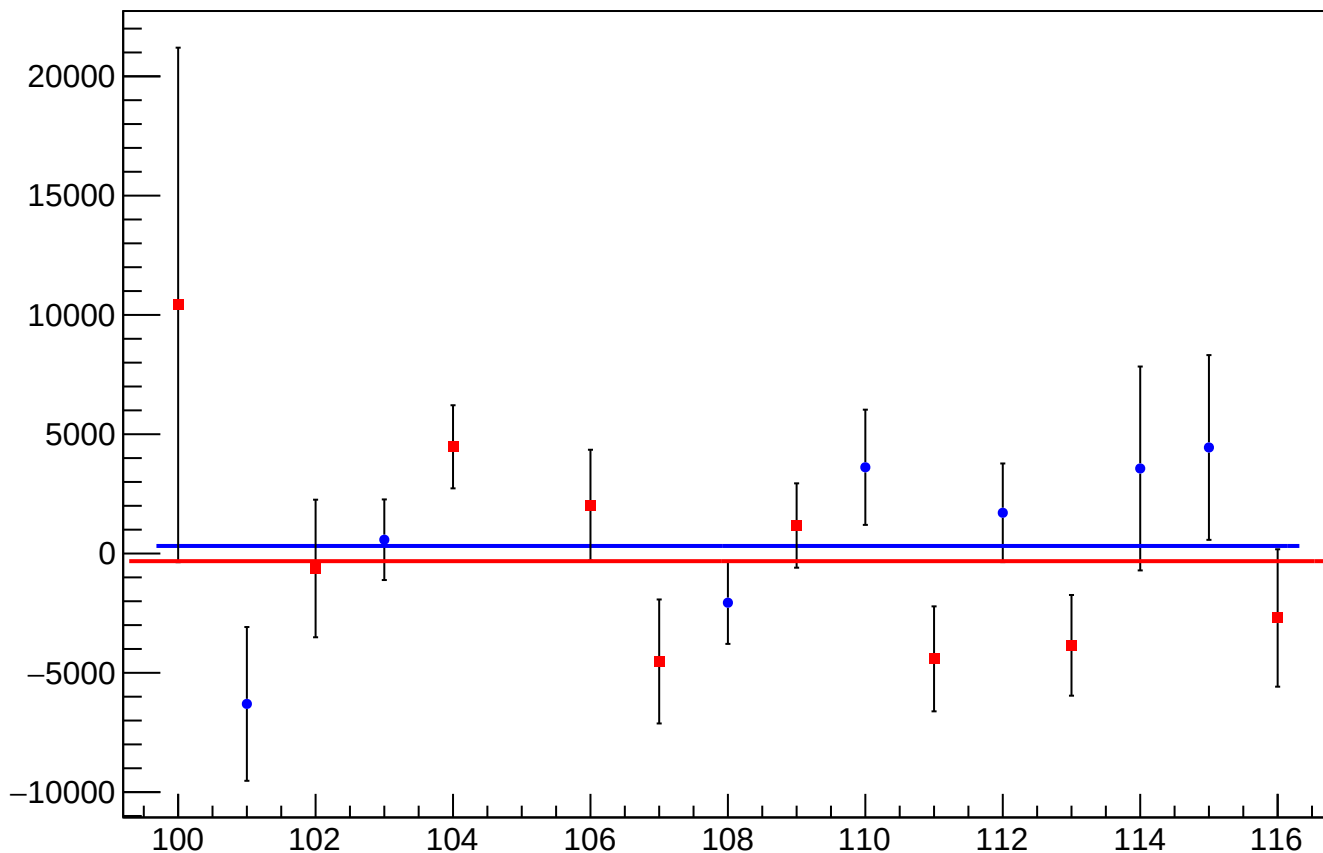
Right: 449.198+/-0.157 χ^2/NDF : 3290033.1/15

In: 549.415+/-0.271 χ^2/NDF :1465413.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 449.198+/-0.157 χ^2/NDF : 3290033.1/15

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 317.195+/-873.828 χ^2/NDF : 10.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -319.956+/-775.258 χ^2/NDF : 19.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

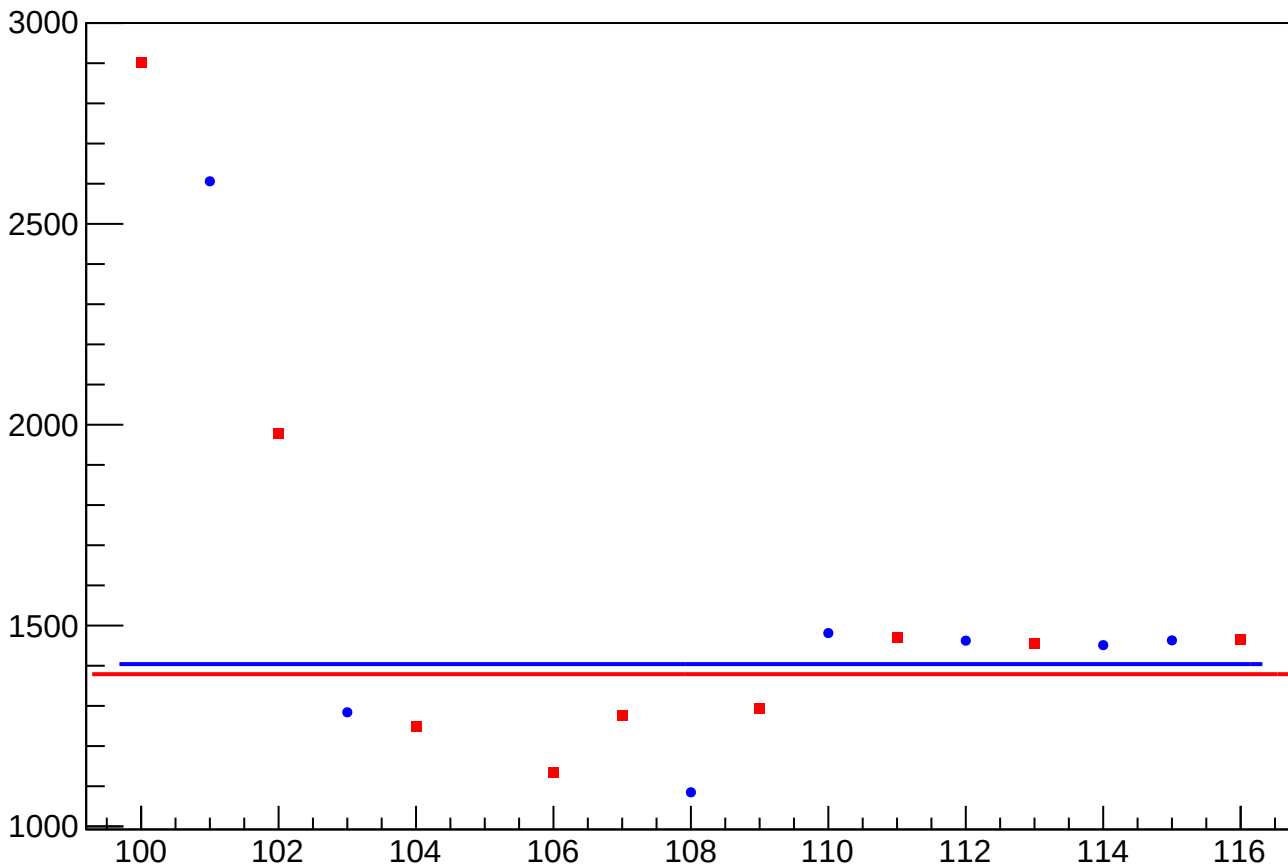
Right: -39.329+/-579.922 χ^2/NDF : 30.3/15

In: 317.195+/-873.828 χ^2/NDF : 10.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.329+/-579.922 χ^2/NDF : 30.3/15

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.061+/-0.618 χ^2/NDF : 361077.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1378.969+/-0.548 χ^2/NDF : 175656.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

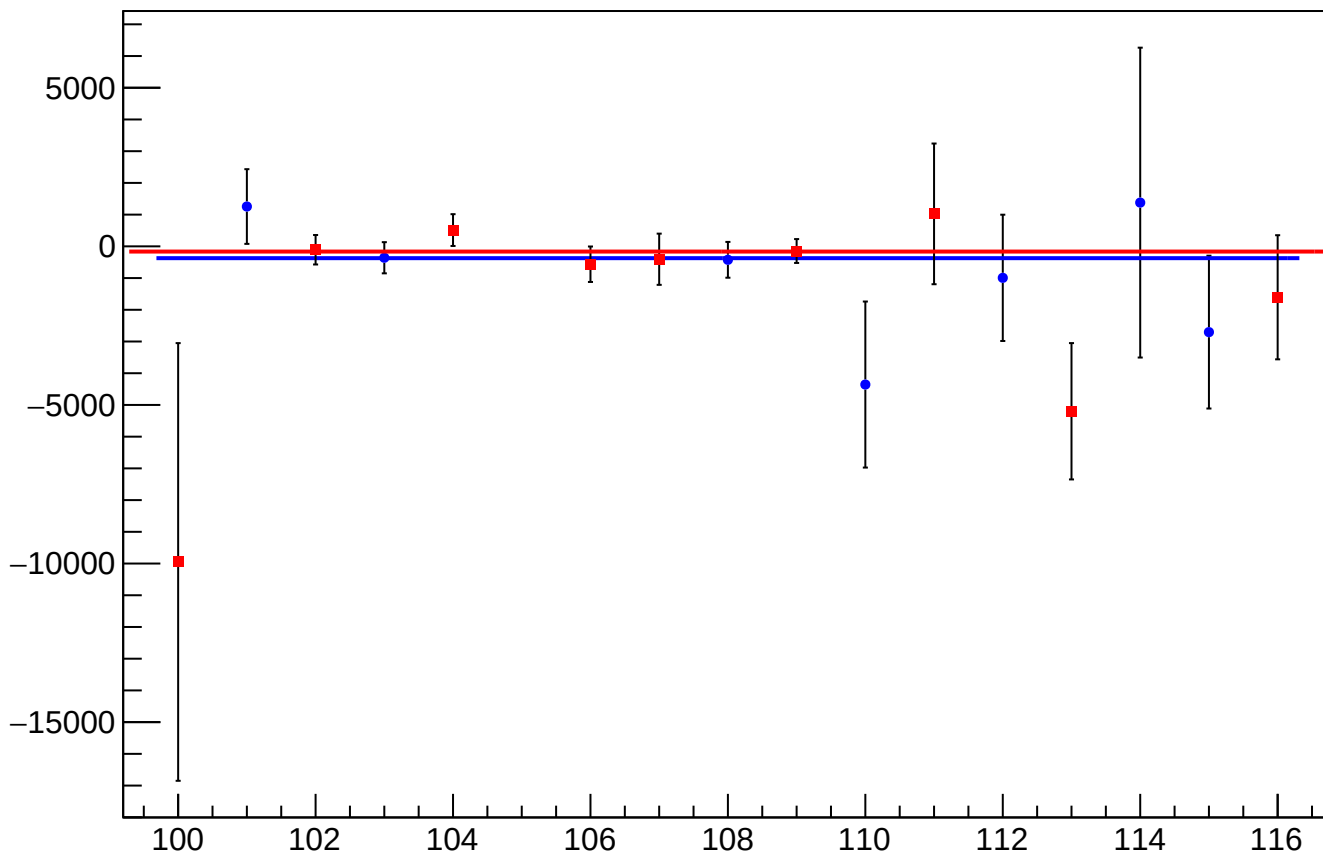
Right: 1390.020+/-0.410 χ^2/NDF : 537656.6/15

In: 1404.061+/-0.618 χ^2/NDF : 361077.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.020+/-0.410 χ^2/NDF : 537656.6/15

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -372.783 ± 340.688 χ^2/NDF : 5.4/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -164.288 ± 217.633 χ^2/NDF : 10.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

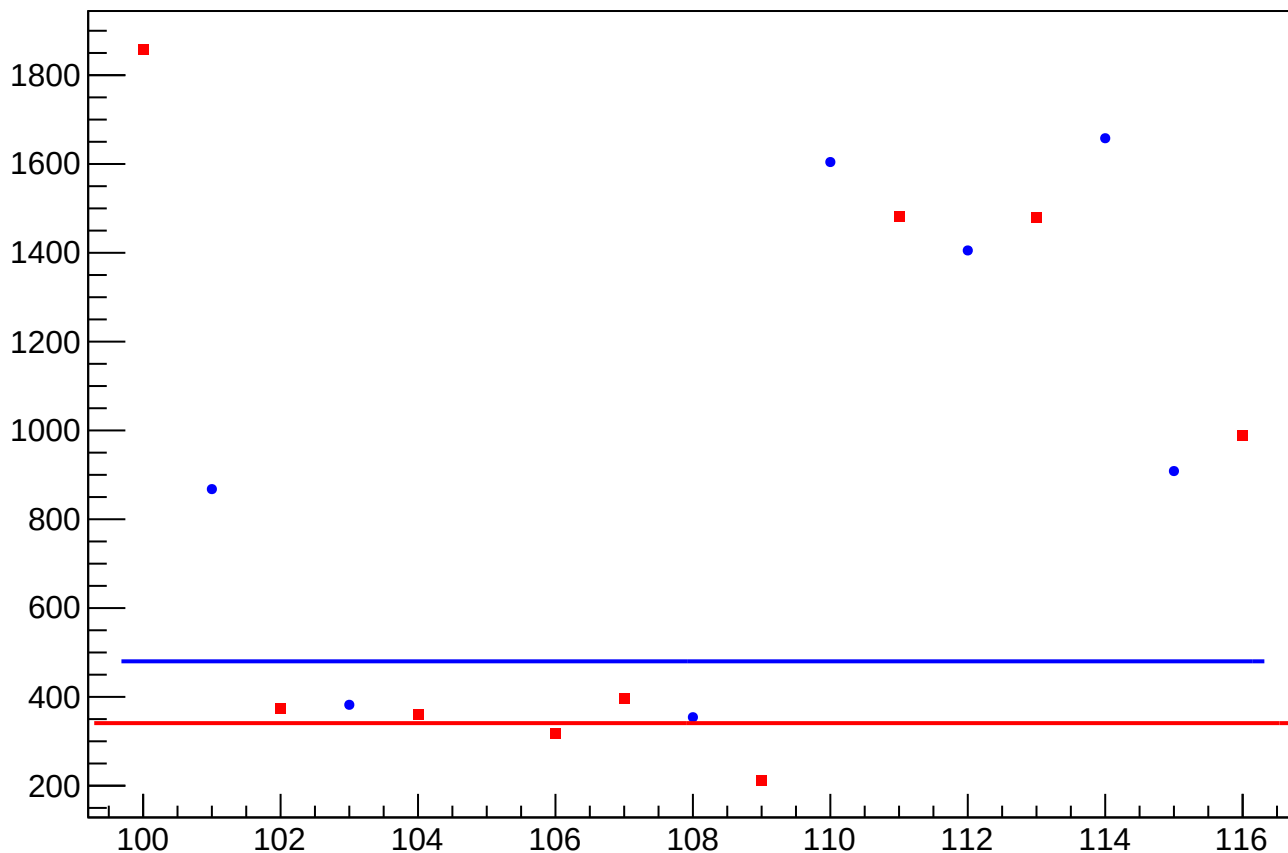
Right: -224.711 ± 183.405 χ^2/NDF : 16.4/15

In: -372.783 ± 340.688 χ^2/NDF : 5.4/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -224.711 ± 183.405 χ^2/NDF : 16.4/15

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 480.087+/-0.241 χ^2/NDF : 1376439.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 340.922+/-0.154 χ^2/NDF : 1668570.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

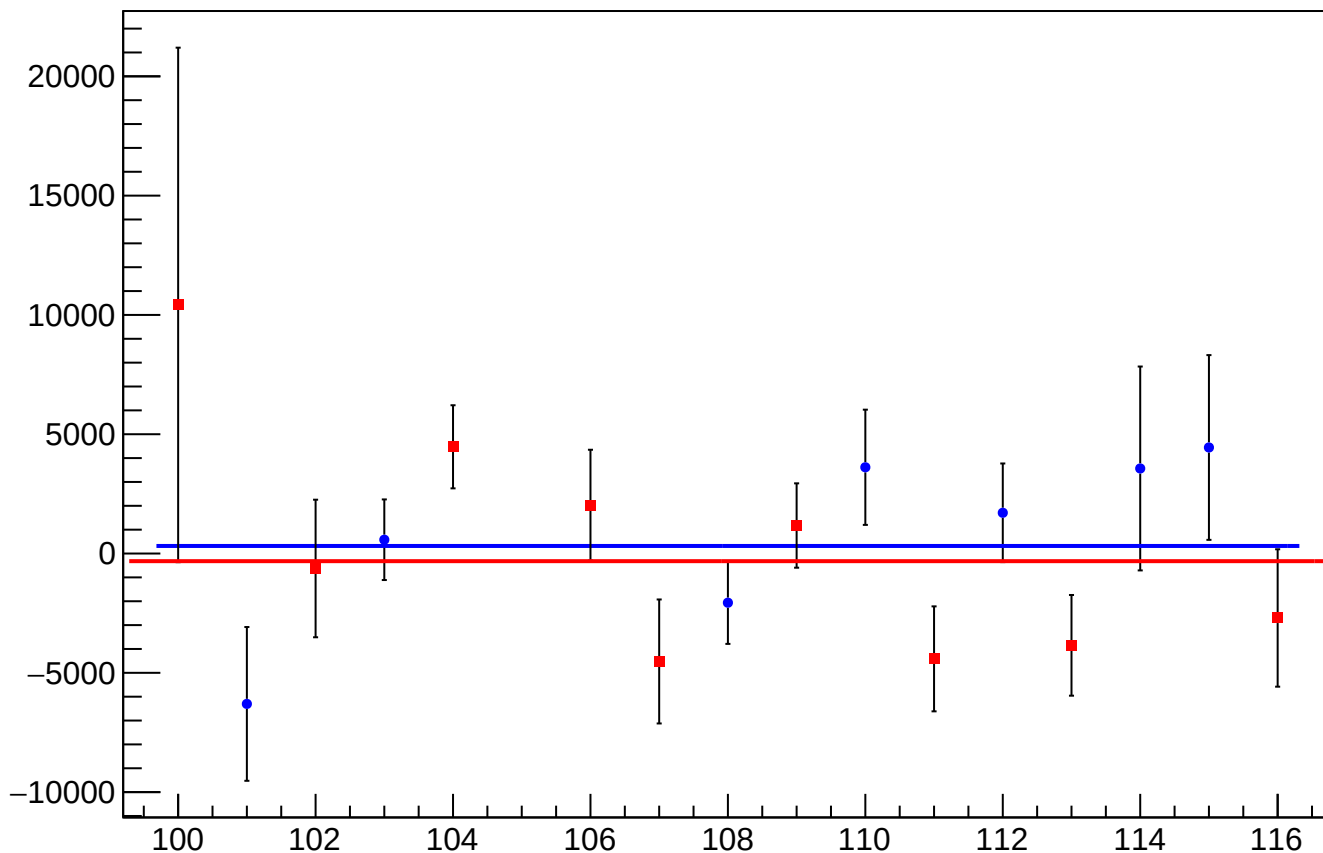
Right: 381.253+/-0.130 χ^2/NDF : 3282012.3/15

In: 480.087+/-0.241 χ^2/NDF :1376439.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.253+/-0.130 χ^2/NDF : 3282012.3/15

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 317.185+/-873.828 χ^2/NDF : 10.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -319.960+/-775.258 χ^2/NDF : 19.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

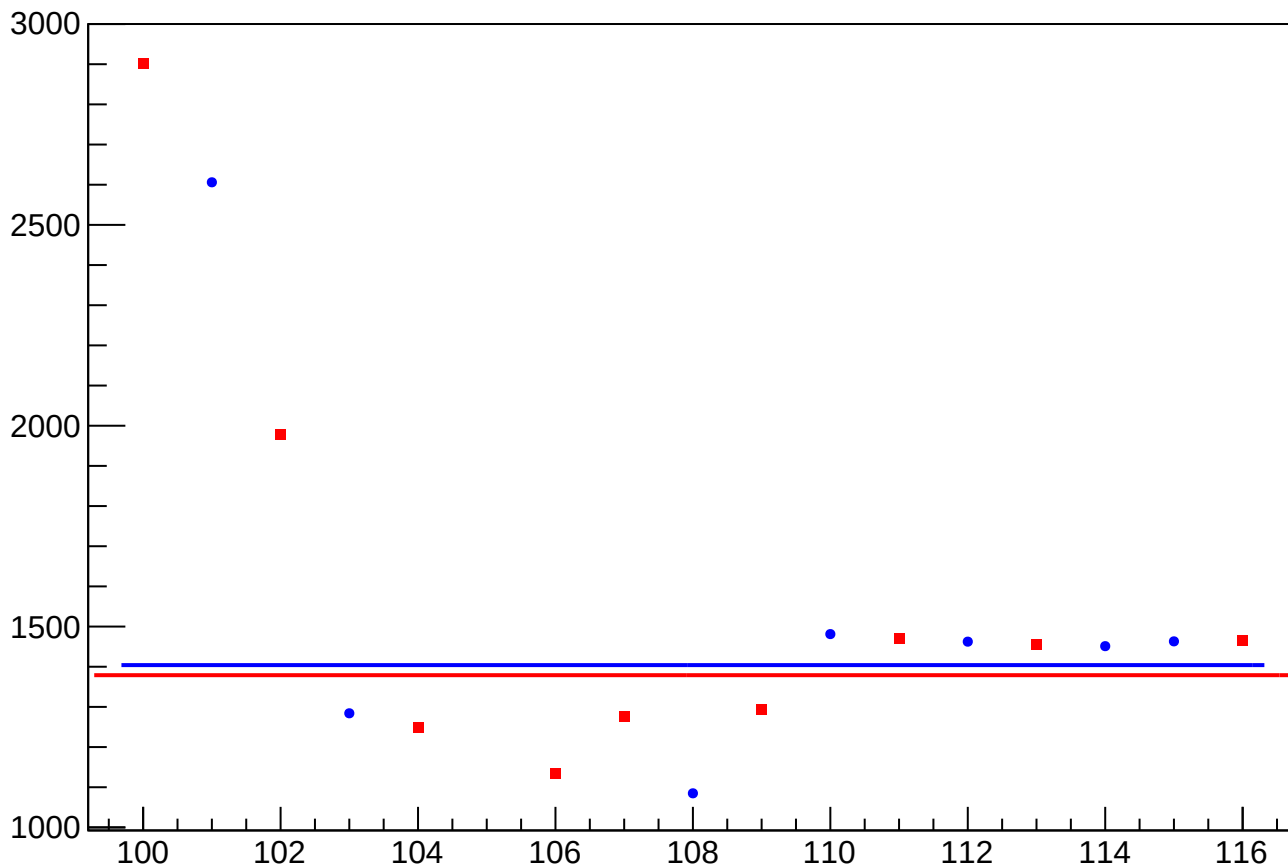
Right: -39.335+/-579.922 χ^2/NDF : 30.3/15

In: 317.185+/-873.828 χ^2/NDF :10.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.335+/-579.922 χ^2/NDF : 30.3/15

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.061+/-0.618 χ^2/NDF : 361077.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1378.969+/-0.548 χ^2/NDF : 175656.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

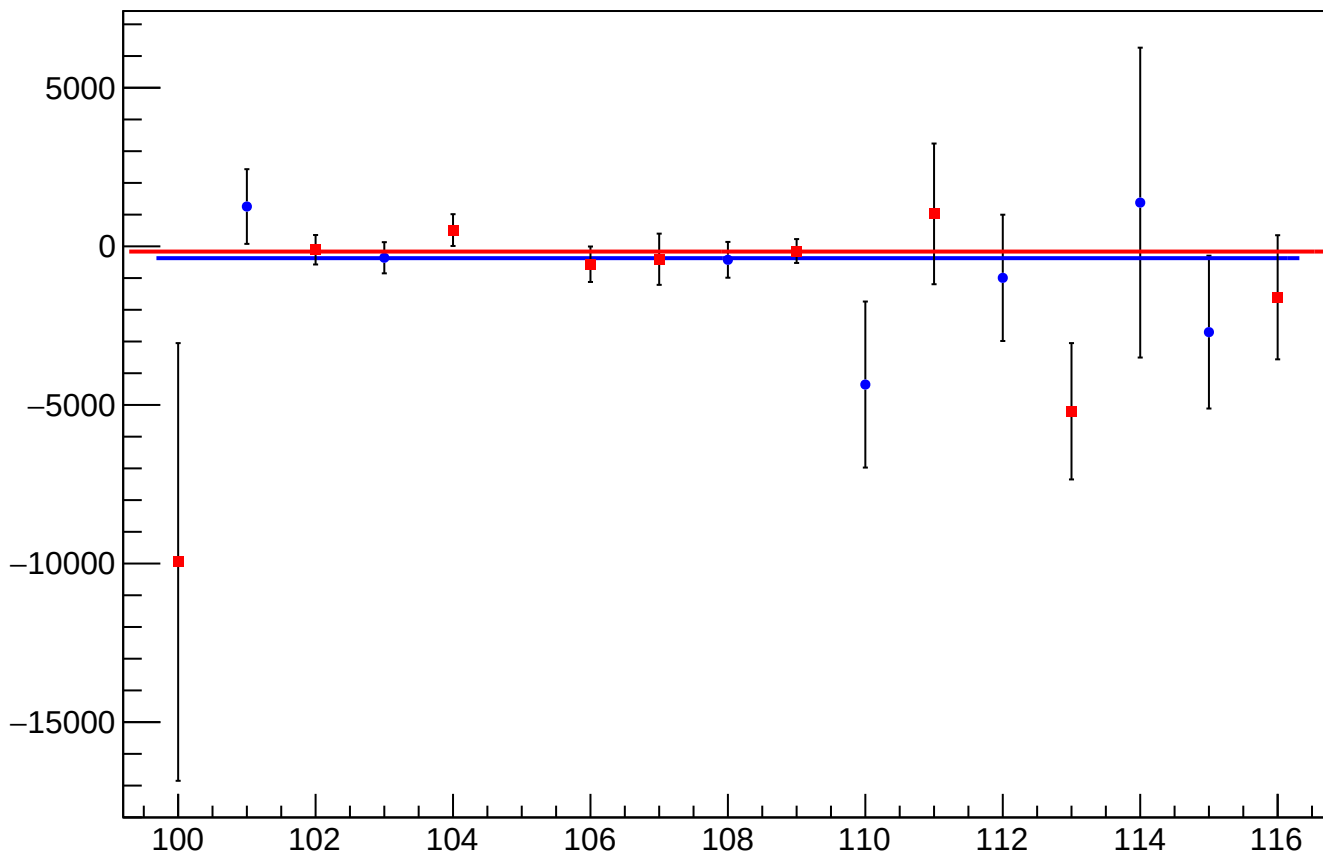
Right: 1390.020+/-0.410 χ^2/NDF : 537656.2/15

In: 1404.061+/-0.618 χ^2/NDF : 361077.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.020+/-0.410 χ^2/NDF : 537656.2/15

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -372.788+/-340.683 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -164.282+/-217.634 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

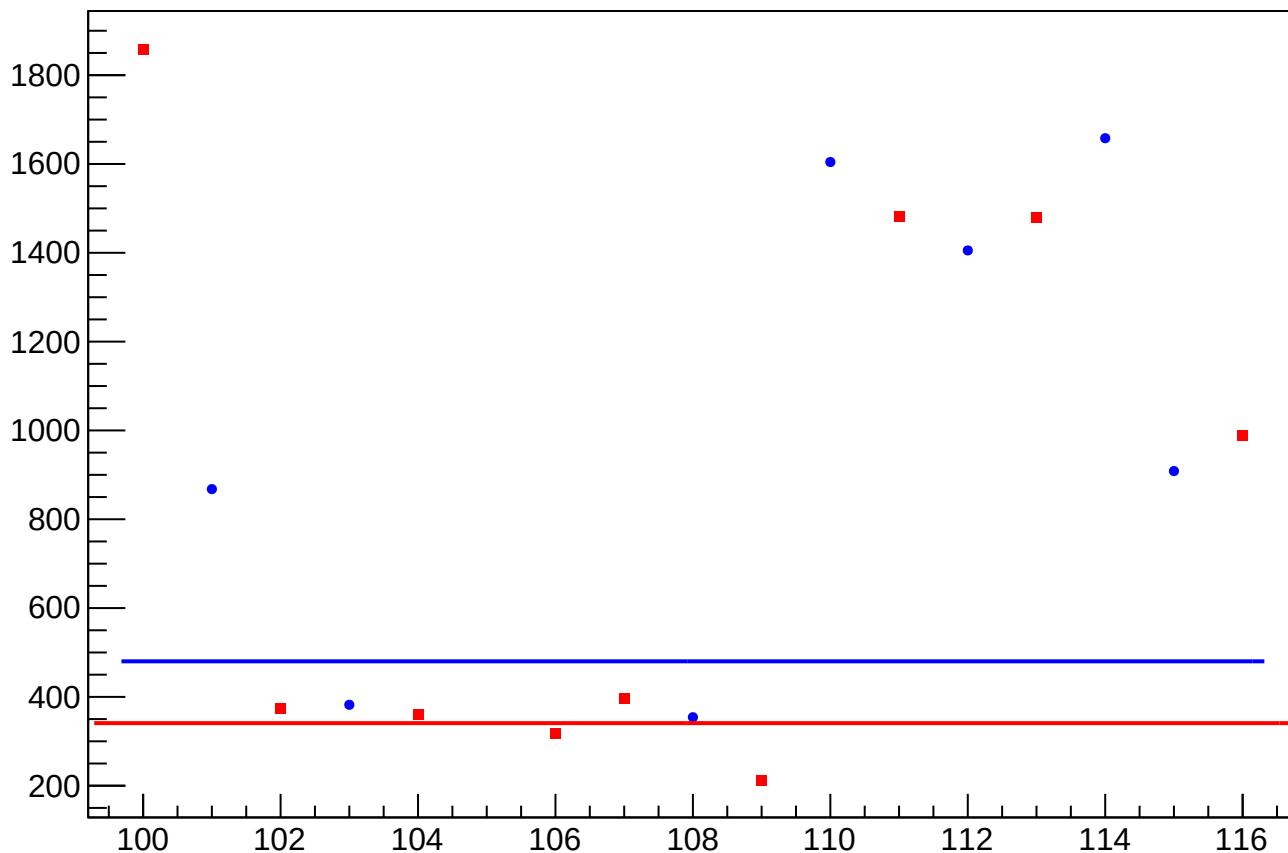
Right: -224.710+/-183.406 χ^2/NDF : 16.4/15

In: -372.788+/-340.683 χ^2/NDF :5.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -224.710+/-183.406 χ^2/NDF : 16.4/15

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 480.078+/-0.241 χ^2/NDF : 1376469.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.926+/-0.154 χ^2/NDF : 1668522.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

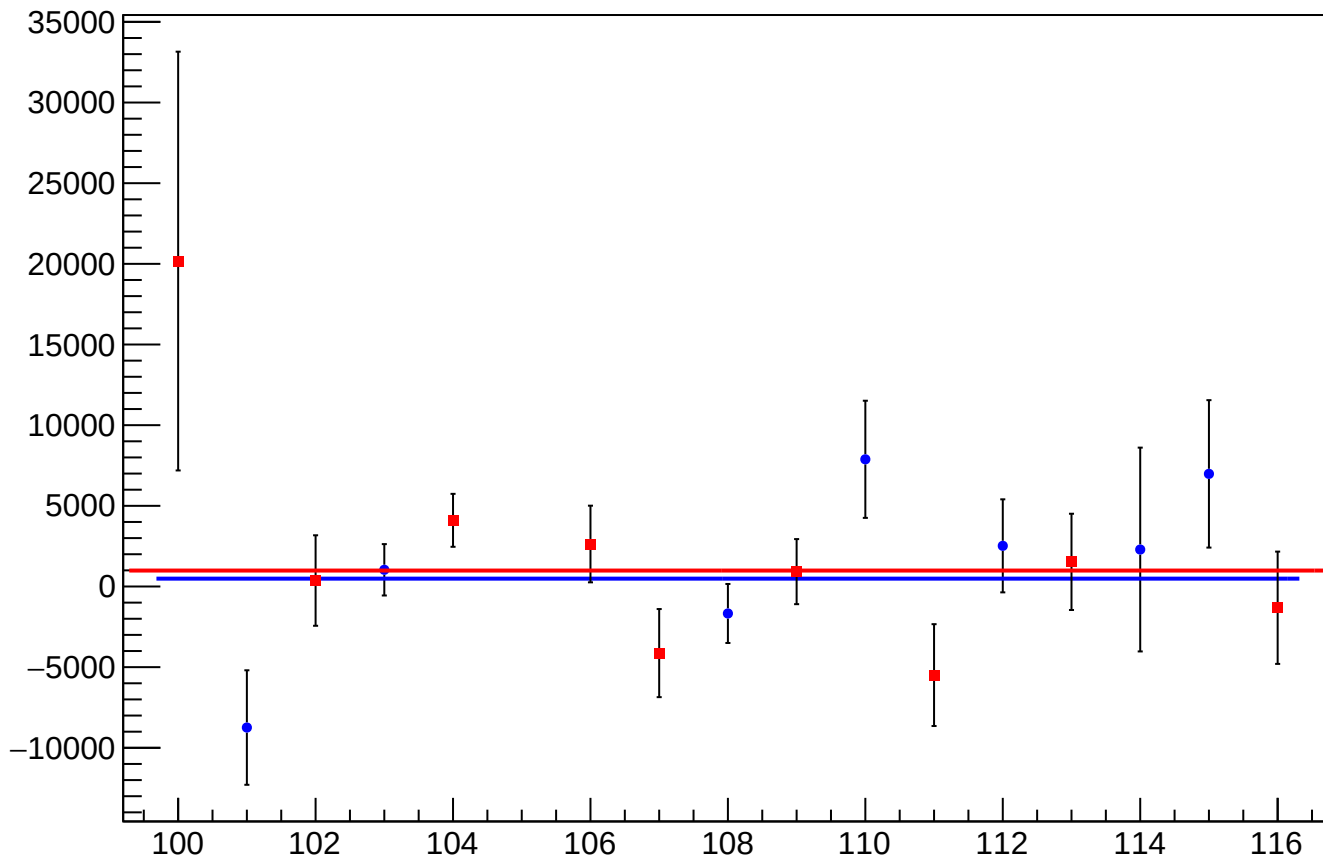
Right: 381.255+/-0.130 χ^2/NDF : 3281954.5/15

In: 480.078+/-0.241 χ^2/NDF : 1376469.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.255+/-0.130 χ^2/NDF : 3281954.5/15

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 486.651+/-979.725 χ^2/NDF : 15.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.391+/-858.535 χ^2/NDF : 14.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

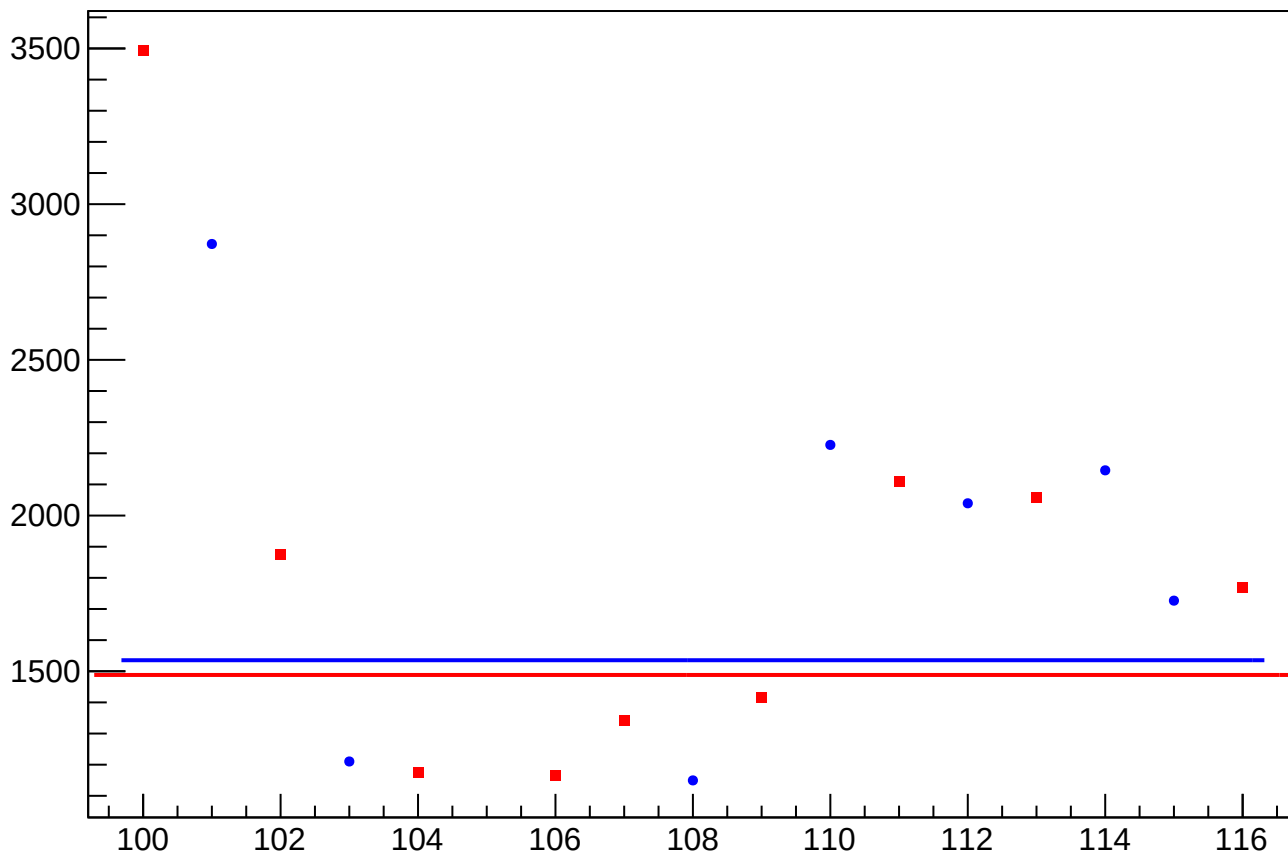
Right: 770.456+/-645.696 χ^2/NDF : 29.7/15

In: 486.651+/-979.725 χ^2/NDF : 15.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.456+/-645.696 χ^2/NDF : 29.7/15

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1535.435+/-0.693 χ^2/NDF : 611904.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1488.122+/-0.607 χ^2/NDF : 367006.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

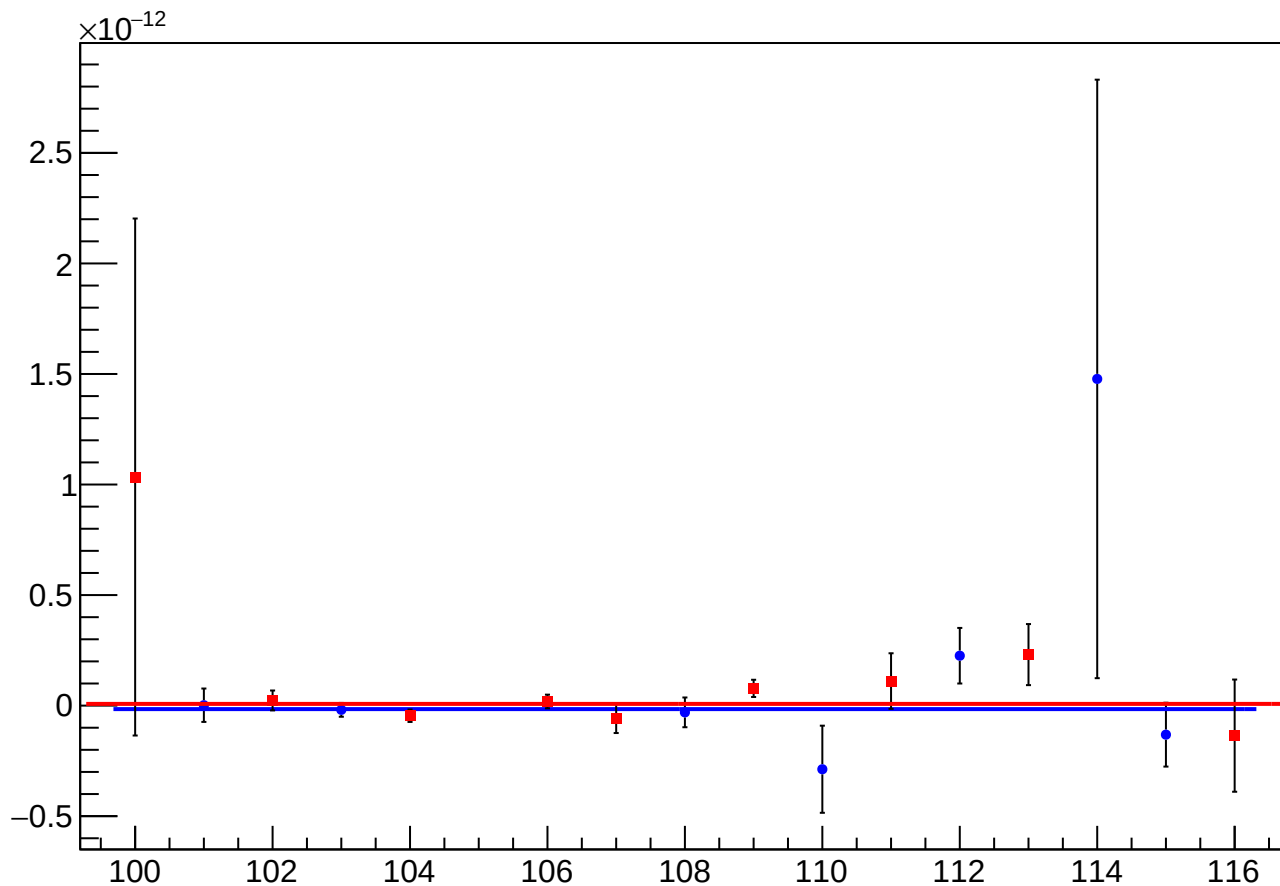
Right: 1508.673+/-0.457 χ^2/NDF : 981549.0/15

In: 1535.435+/-0.693 χ^2/NDF : 611904.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1508.673+/-0.457 χ^2/NDF : 981549.0/15

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

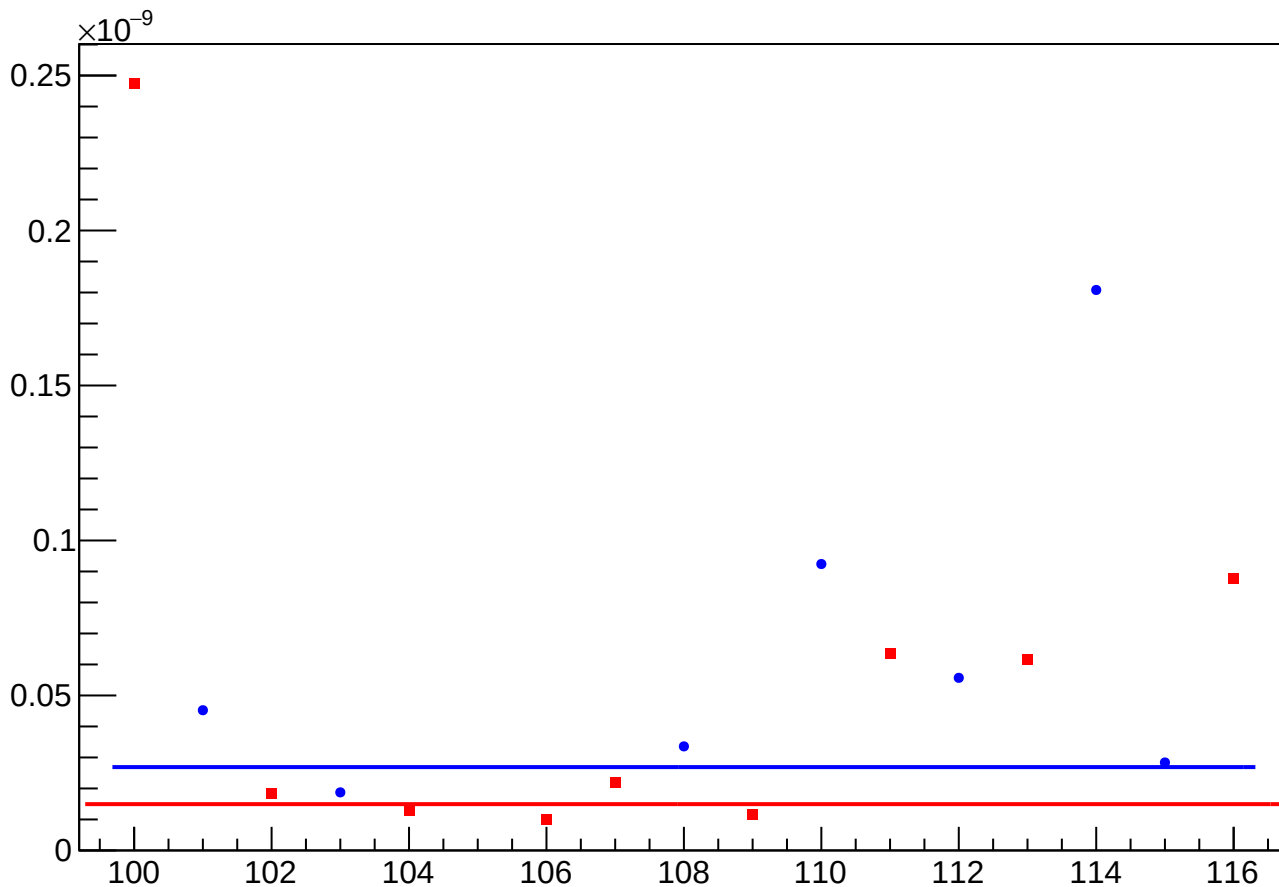
Right: 0.000+/-0.000 χ^2/NDF : 20.6/15

In: -0.000+/-0.000 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/15

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 626236.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 884128.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

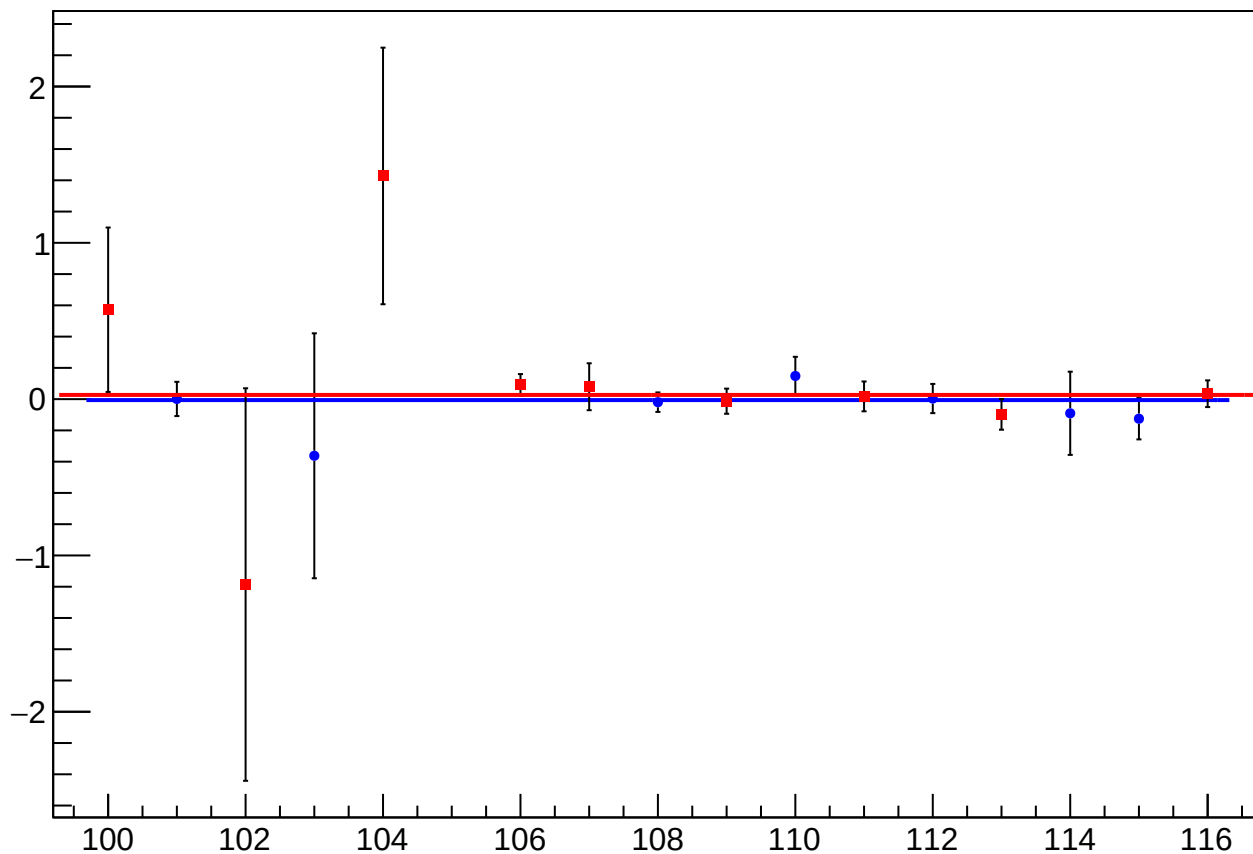
Right: 0.000+/-0.000 χ^2/NDF : 1826529.0/15

In: 0.000+/-0.000 χ^2/NDF : 626236.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1826529.0/15

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.041 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.036 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

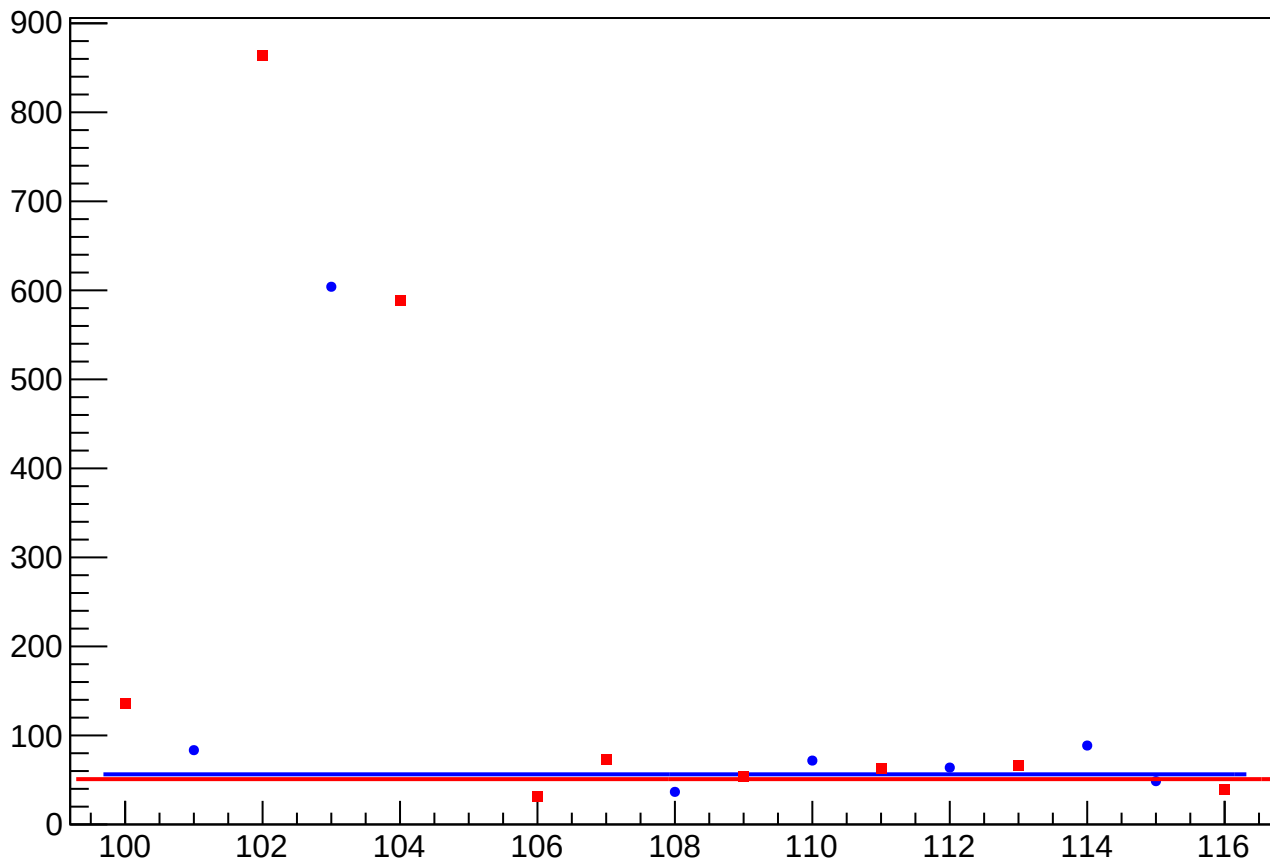
Right: 0.013+/-0.027 χ^2/NDF : 10.9/15

In: -0.006+/-0.041 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.027 χ^2/NDF : 10.9/15

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.314+/-0.029 χ^2/NDF : 1381203.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.906+/-0.026 χ^2/NDF : 2075873.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

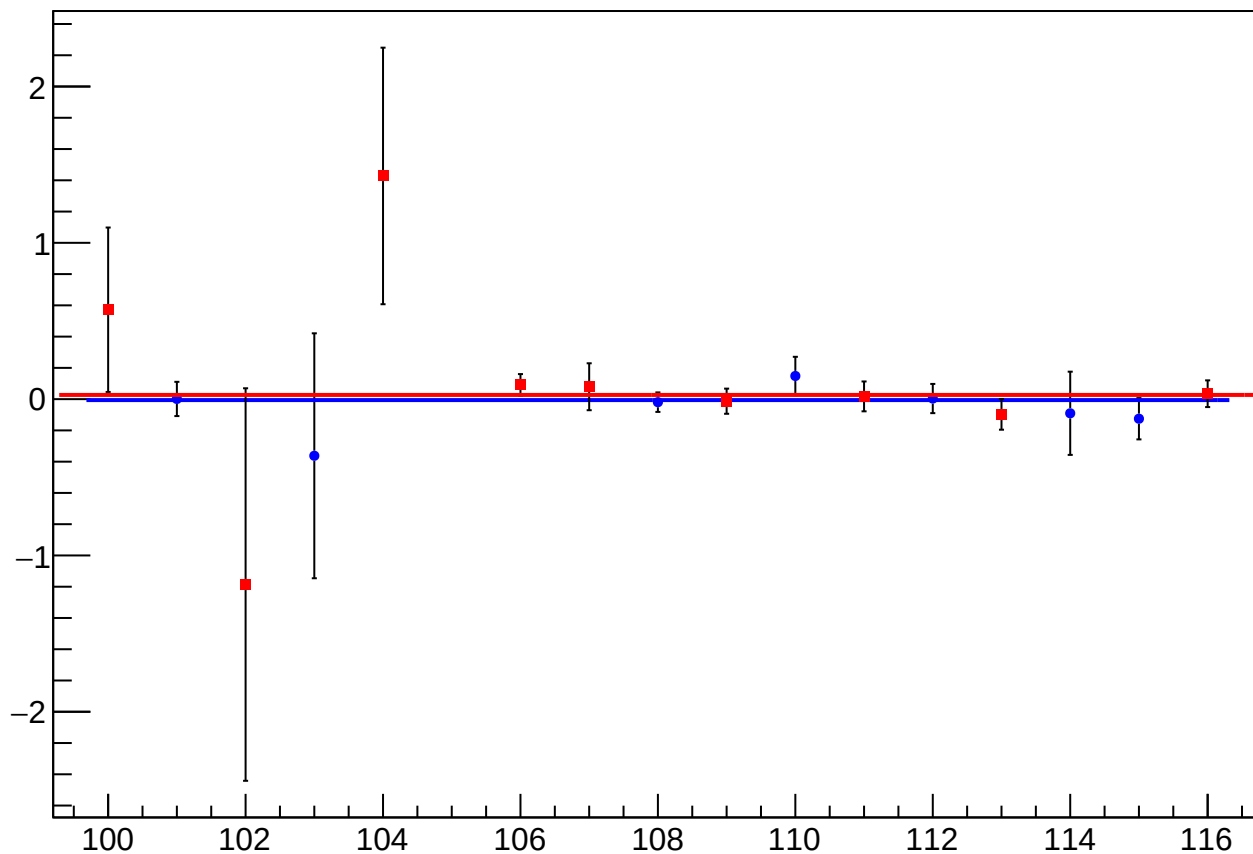
Right: 53.271+/-0.019 χ^2/NDF : 3476651.4/15

In: 56.314+/-0.029 χ^2/NDF : 1381203.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.271+/-0.019 χ^2/NDF : 3476651.4/15

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.041 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.036 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

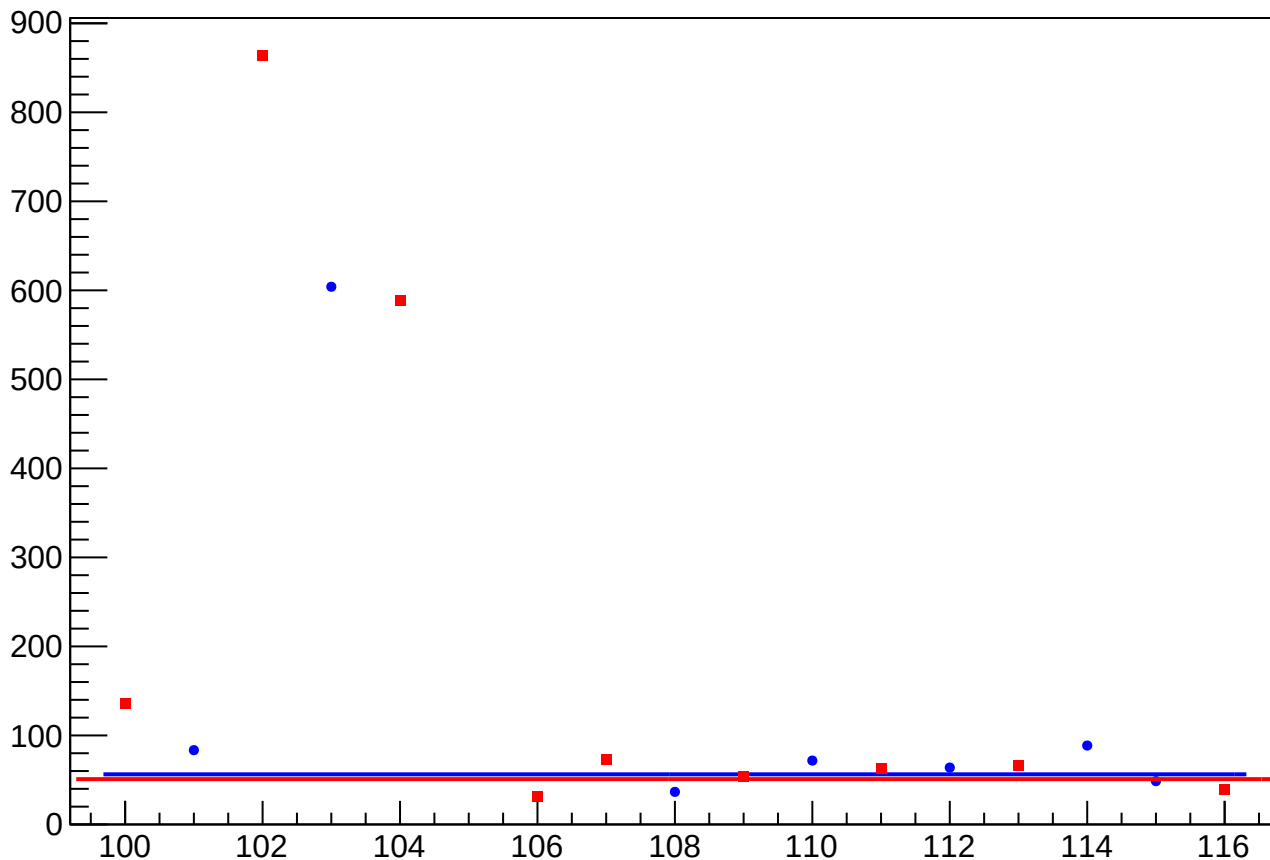
Right: 0.013+/-0.027 χ^2/NDF : 10.9/15

In: -0.006+/-0.041 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.027 χ^2/NDF : 10.9/15

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.314+/-0.029 χ^2/NDF : 1381203.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.906+/-0.026 χ^2/NDF : 2075873.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

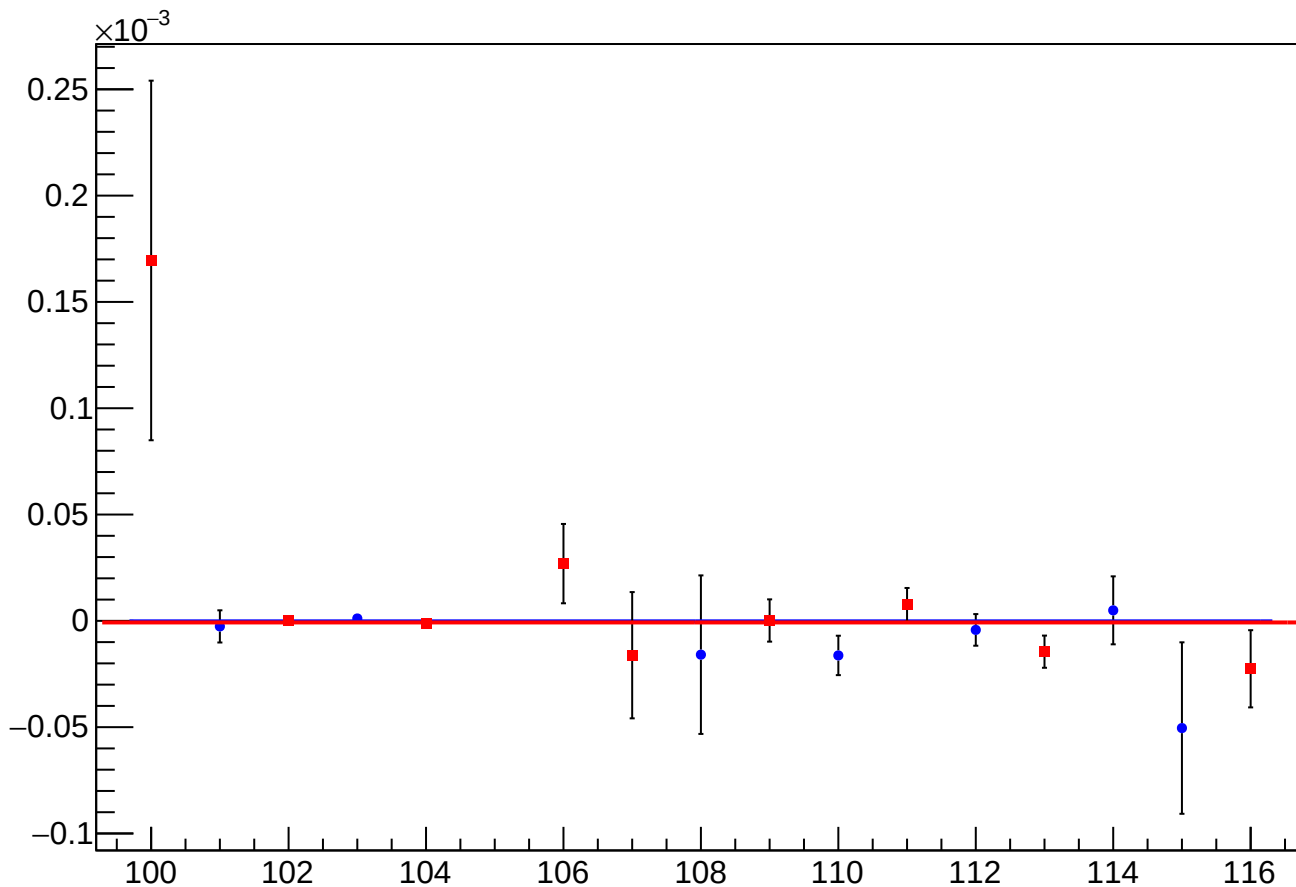
Right: 53.271+/-0.019 χ^2/NDF : 3476651.4/15

In: 56.314+/-0.029 χ^2/NDF : 1381203.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.271+/-0.019 χ^2/NDF : 3476651.4/15

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 : 5.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

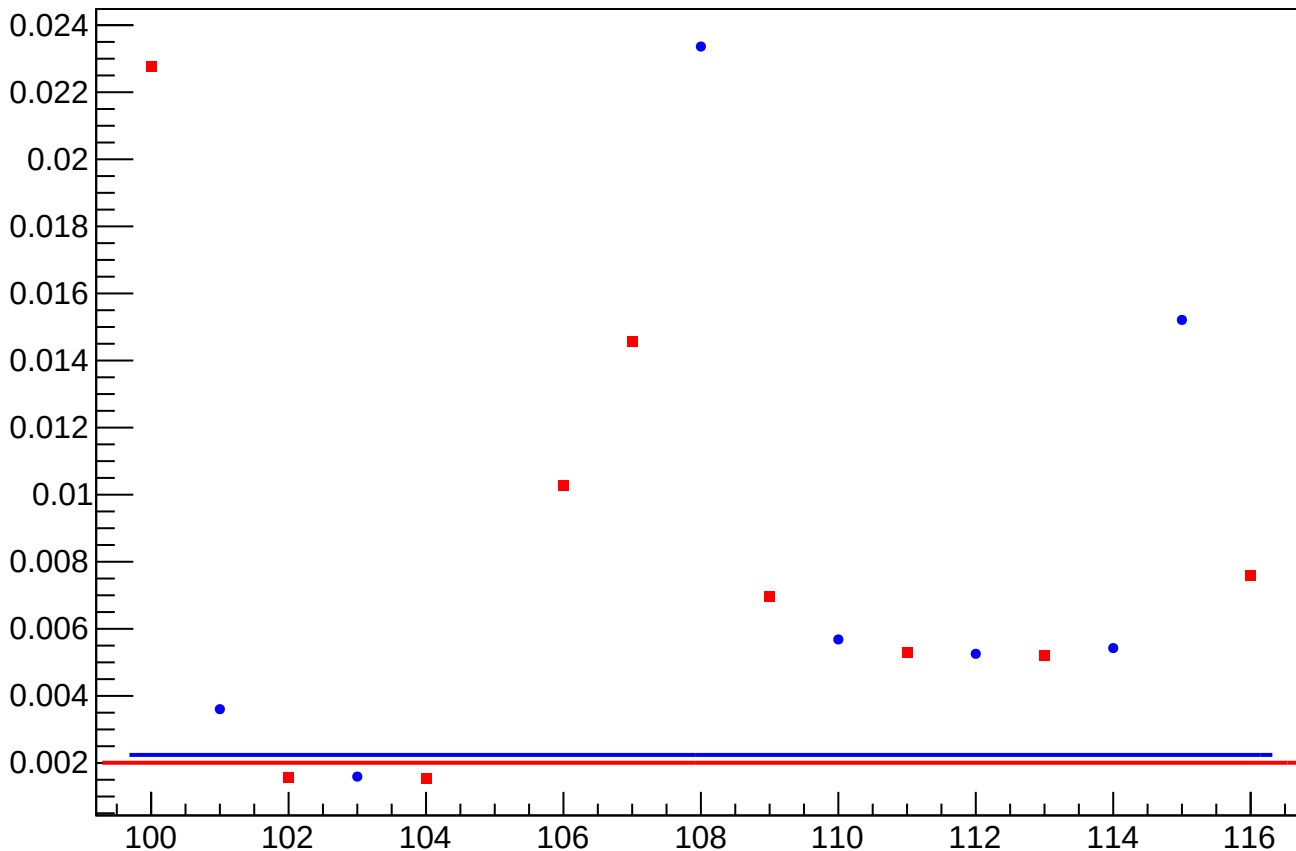
Right: -0.000+/-0.000 χ^2/NDF : 18.3/15

In: -0.000+/-0.000 χ^2/NDF : 5.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/15

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 : 1797180.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2457363.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

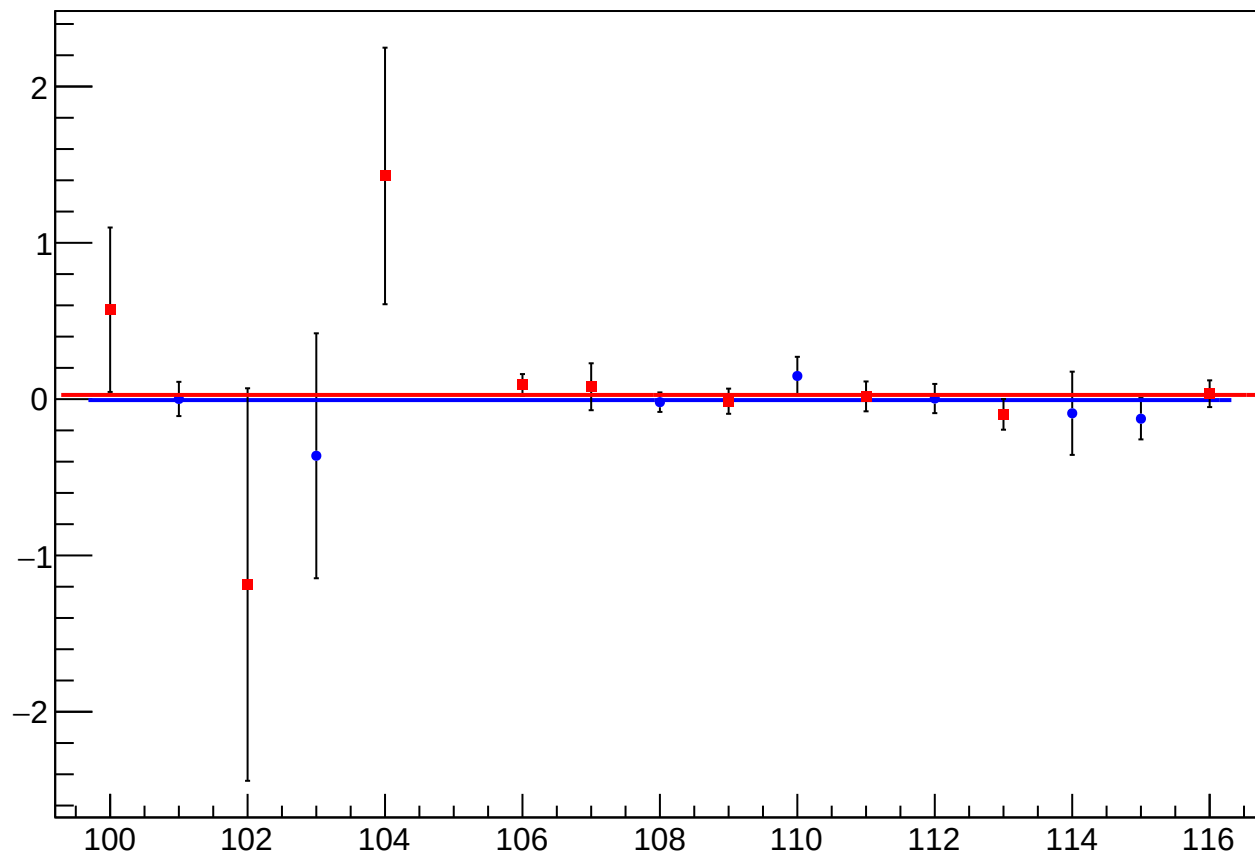
Right: 0.002+/-0.000 χ^2/NDF : 4275027.5/15

In: 0.002+/-0.000 χ^2/NDF : 1797180.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4275027.5/15

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.041 χ^2 /NDF: 2.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.036 χ^2 /NDF: 7.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

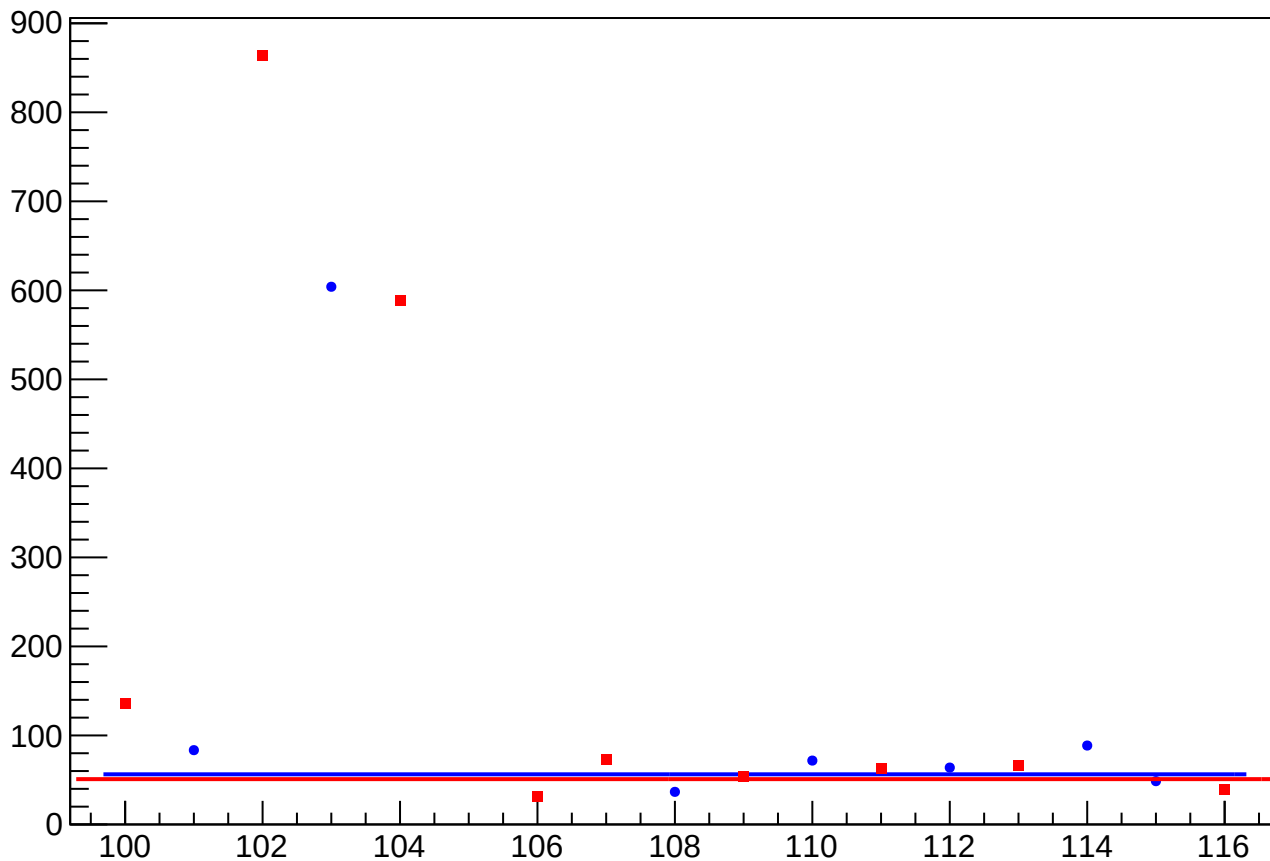
Right: 0.012 $\pm$ 0.027 χ^2 /NDF: 10.9/15

In: -0.006 $\pm$ 0.041 χ^2 /NDF:2.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.027 χ^2 /NDF: 10.9/15

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.326+/-0.029 χ^2/NDF : 1380787.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.910+/-0.026 χ^2/NDF : 2075655.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

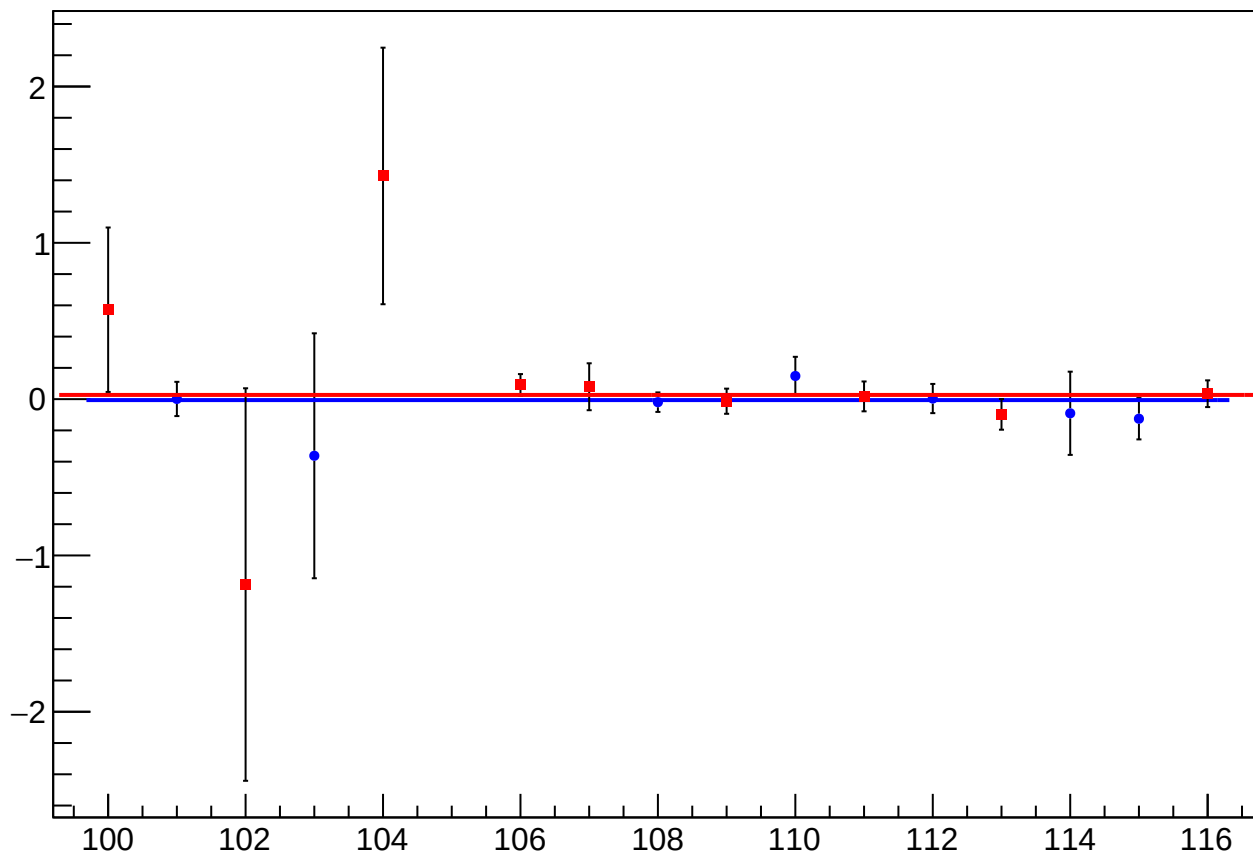
Right: 53.279+/-0.019 χ^2/NDF : 3476066.9/15

In: 56.326+/-0.029 χ^2/NDF : 1380787.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.279+/-0.019 χ^2/NDF : 3476066.9/15

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



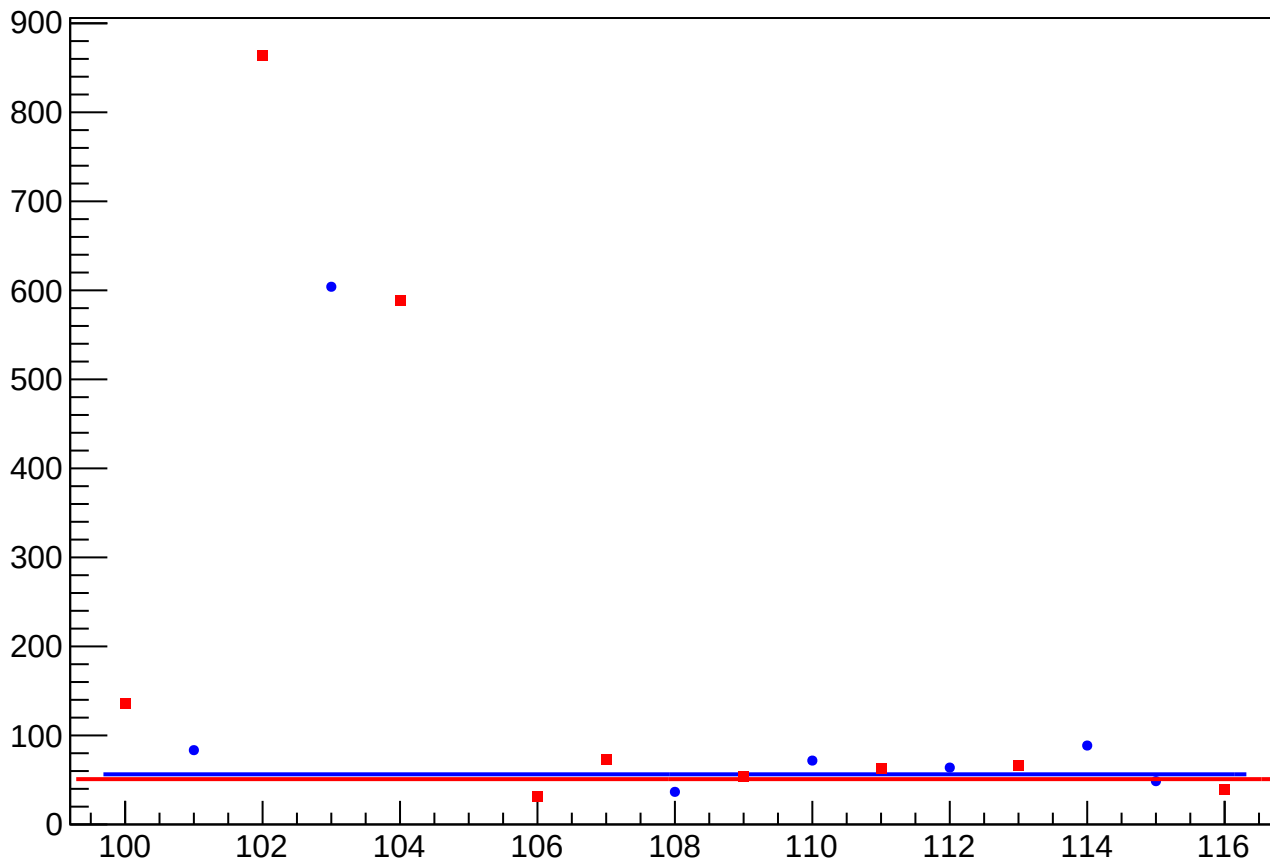
Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.012 $\pm$ 0.027 χ^2/NDF : 10.9/15

Right In: -0.006 $\pm$ 0.041 χ^2/NDF : 2.8/6
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.027 $\pm$ 0.036 χ^2/NDF : 7.8/8
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -0.006 $\pm$ 0.041 χ^2/NDF : 2.8/6
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.012 $\pm$ 0.027 χ^2/NDF : 10.9/15

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.326 $\pm$ 0.029 χ^2 /NDF: 1380787.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.910 $\pm$ 0.026 χ^2 /NDF: 2075655.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

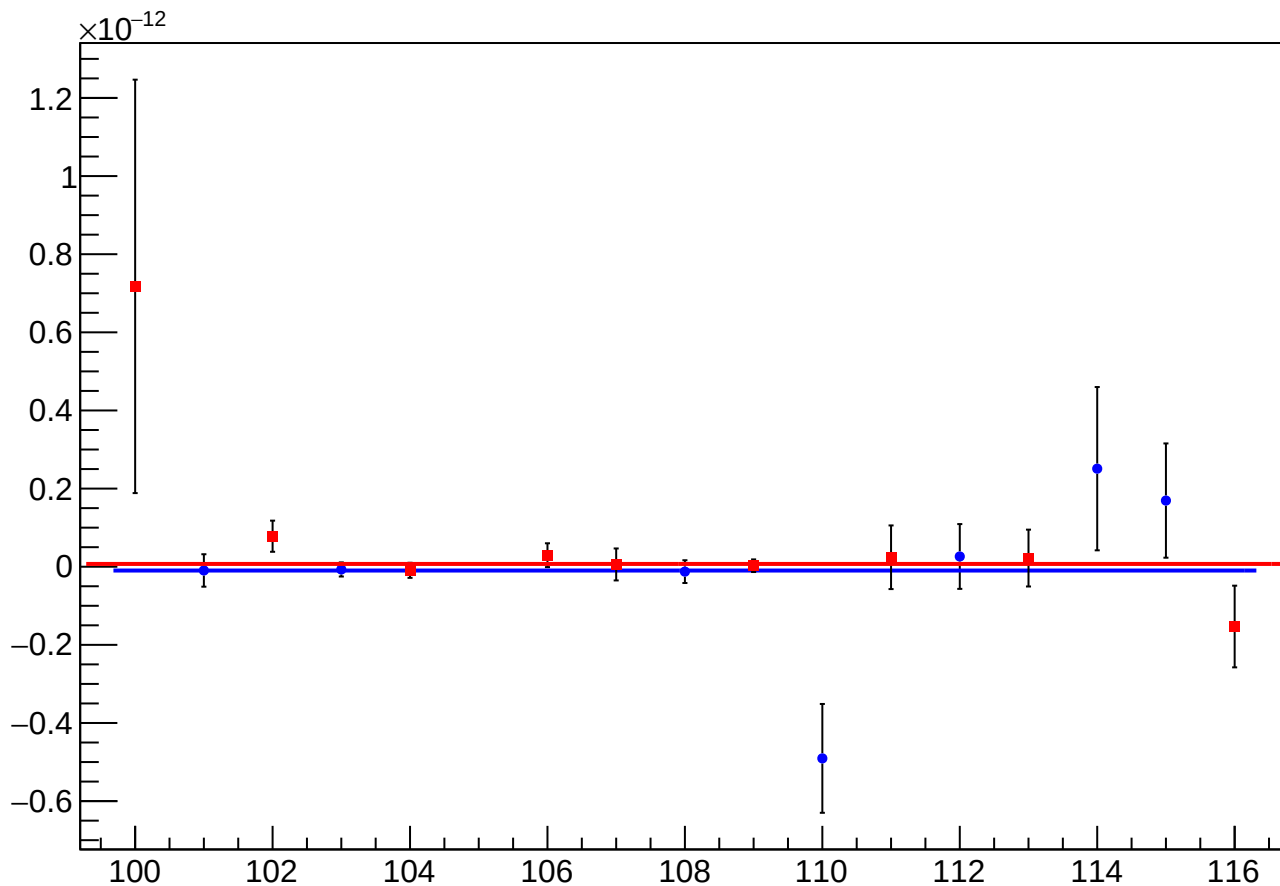
Right: 53.279 $\pm$ 0.019 χ^2 /NDF: 3476066.9/15

In: 56.326 $\pm$ 0.029 χ^2 /NDF:1380787.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.279 $\pm$ 0.019 χ^2 /NDF: 3476066.9/15

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

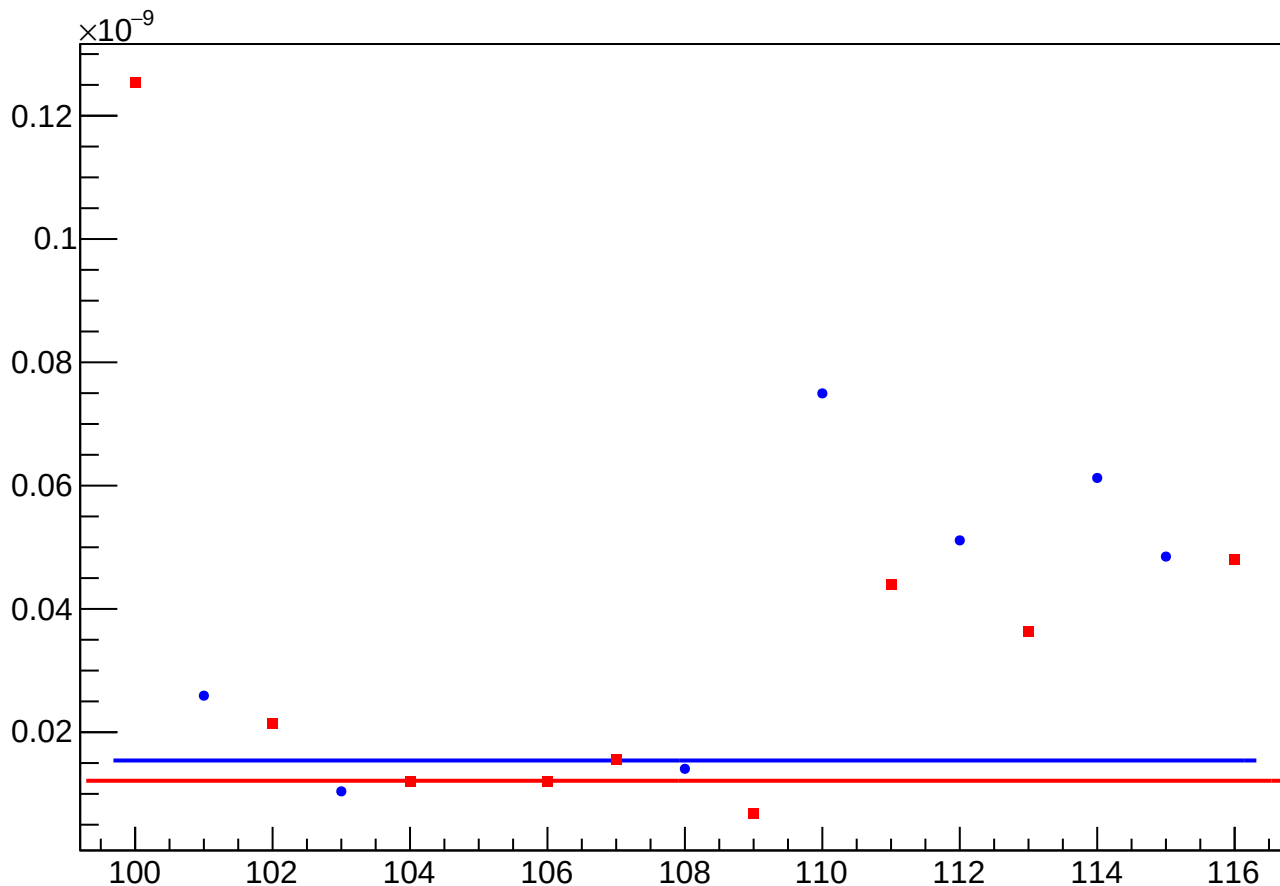
Right: 0.000+/-0.000 χ^2/NDF : 24.9/15

In: -0.000+/-0.000 χ^2/NDF : 15.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.9/15

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 : 1221165.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1196434.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

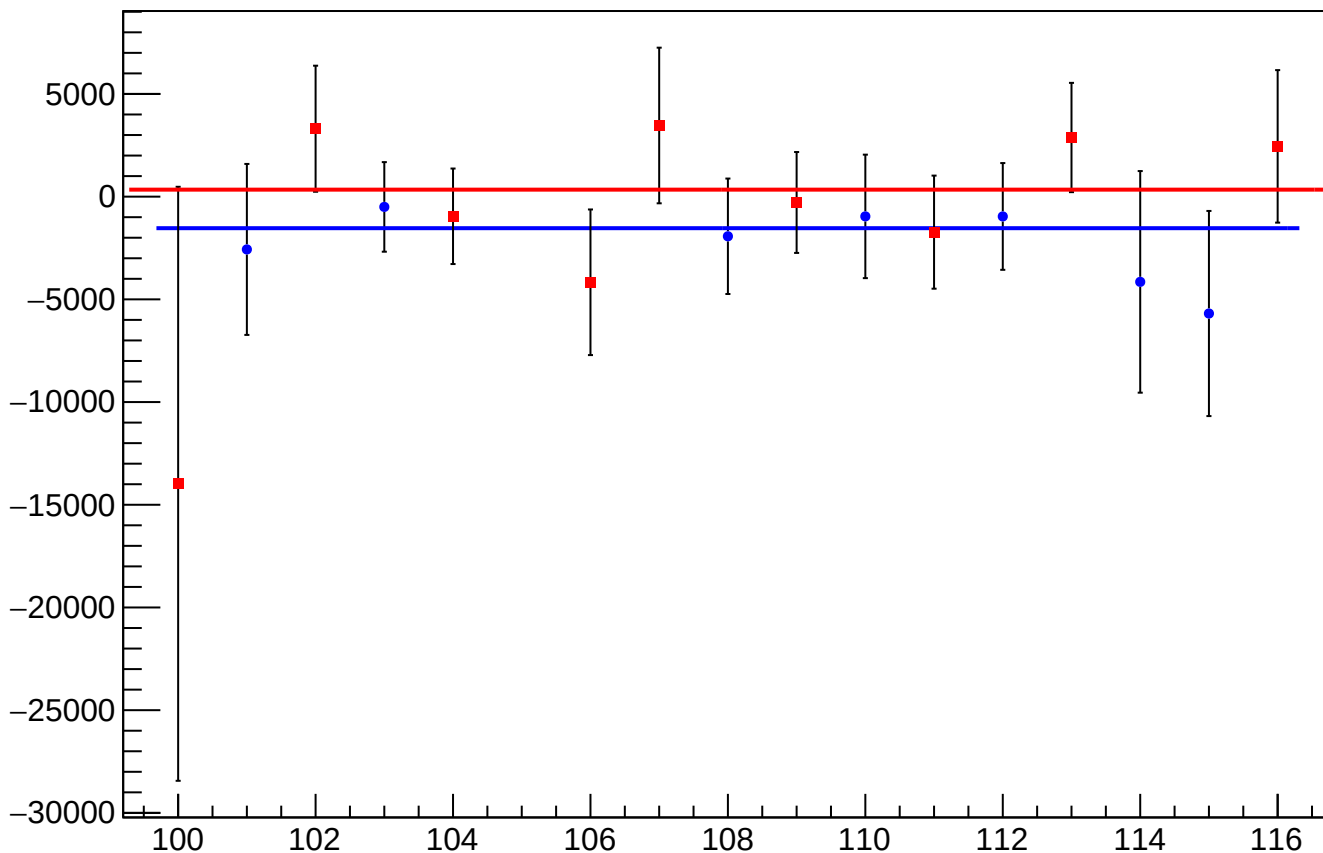
Right: 0.000+/-0.000 χ^2/NDF : 2488596.5/15

In: 0.000+/-0.000 χ^2/NDF : 1221165.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2488596.5/15

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1535.360+/-1172.084 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.999+/-1022.269 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

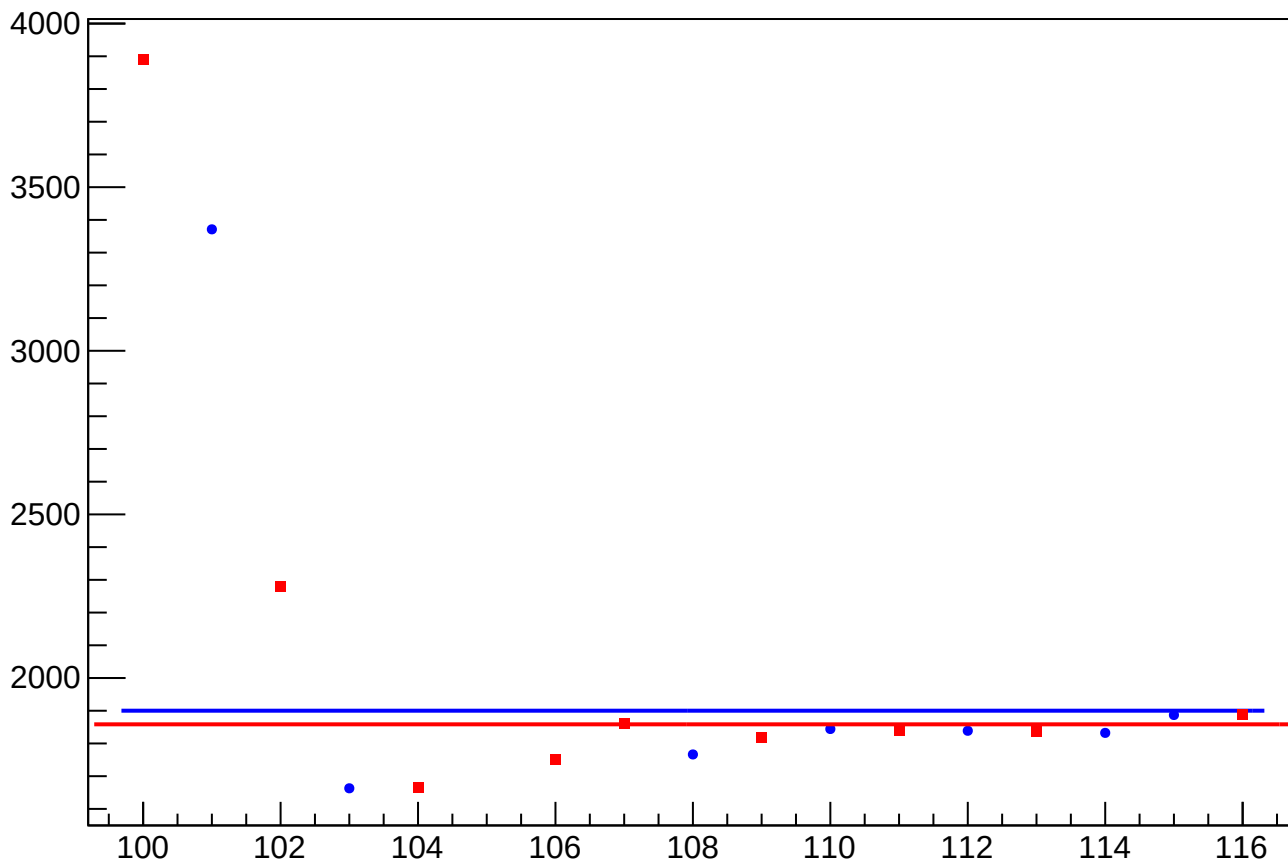
Right: -469.670+/-770.411 χ^2/NDF : 9.2/15

In: -1535.360+/-1172.084 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.670+/-770.411 χ^2/NDF : 9.2/15

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1900.124+/-0.829 χ^2/NDF : 280175.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1858.472+/-0.723 χ^2/NDF : 93822.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

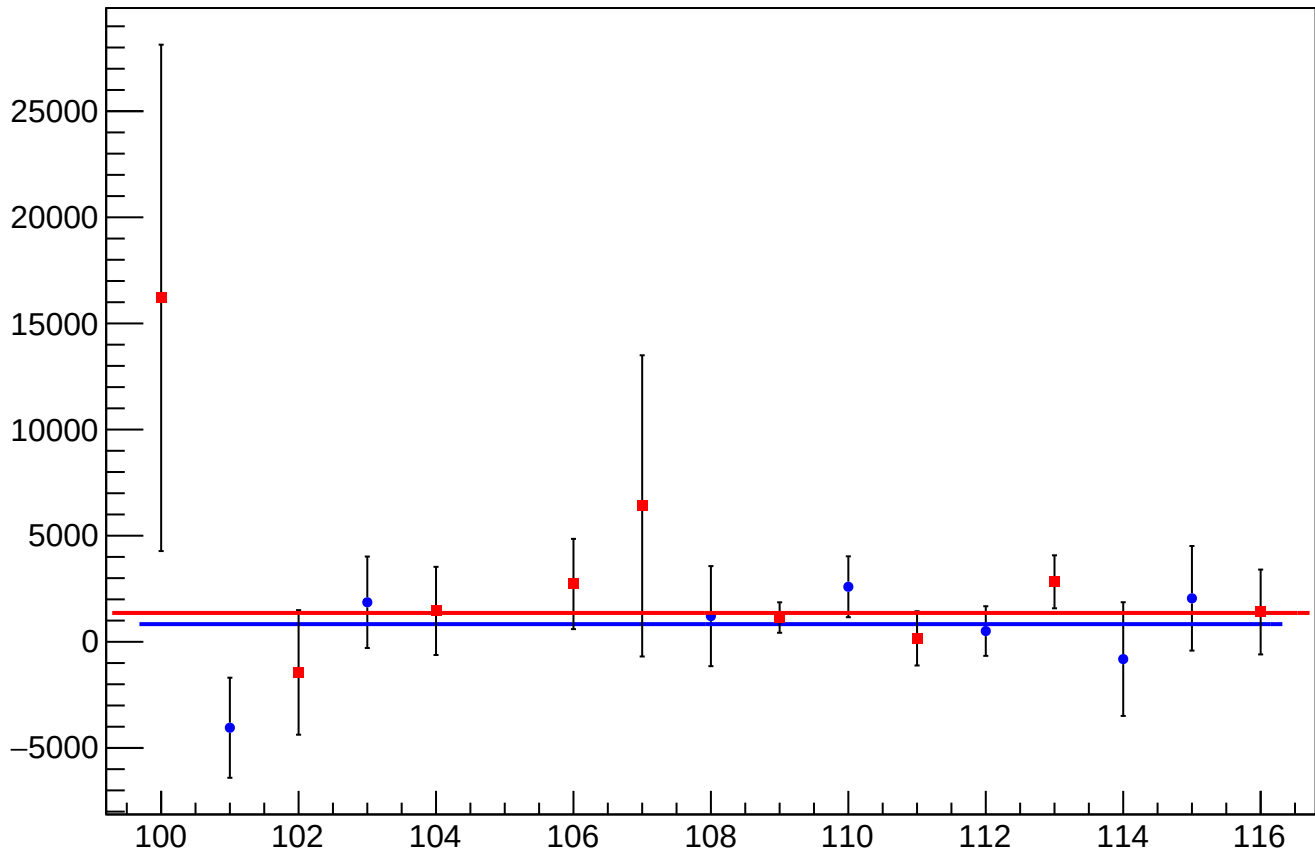
Right: 1876.468+/-0.545 χ^2/NDF : 375432.1/15

In: 1900.124+/-0.829 χ^2/NDF : 280175.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.468+/-0.545 χ^2/NDF : 375432.1/15

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 833.475+/-690.558 χ^2/NDF : 6.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.735+/-497.369 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

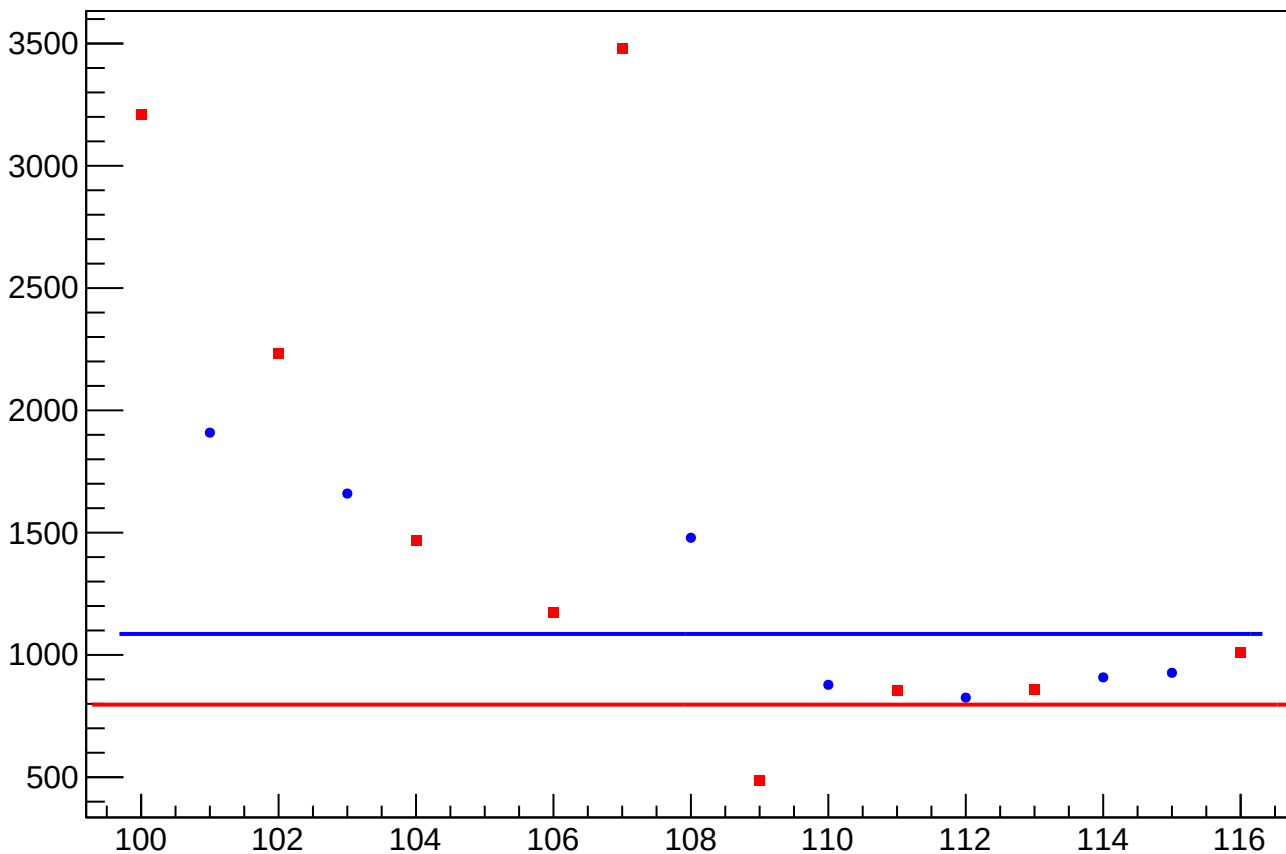
Right: 1180.642+/-403.586 χ^2/NDF : 12.9/15

In: 833.475+/-690.558 χ^2/NDF : 6.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.642+/-403.586 χ^2/NDF : 12.9/15

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1085.813+/-0.488 χ^2/NDF : 599824.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 796.769+/-0.352 χ^2/NDF : 1524552.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

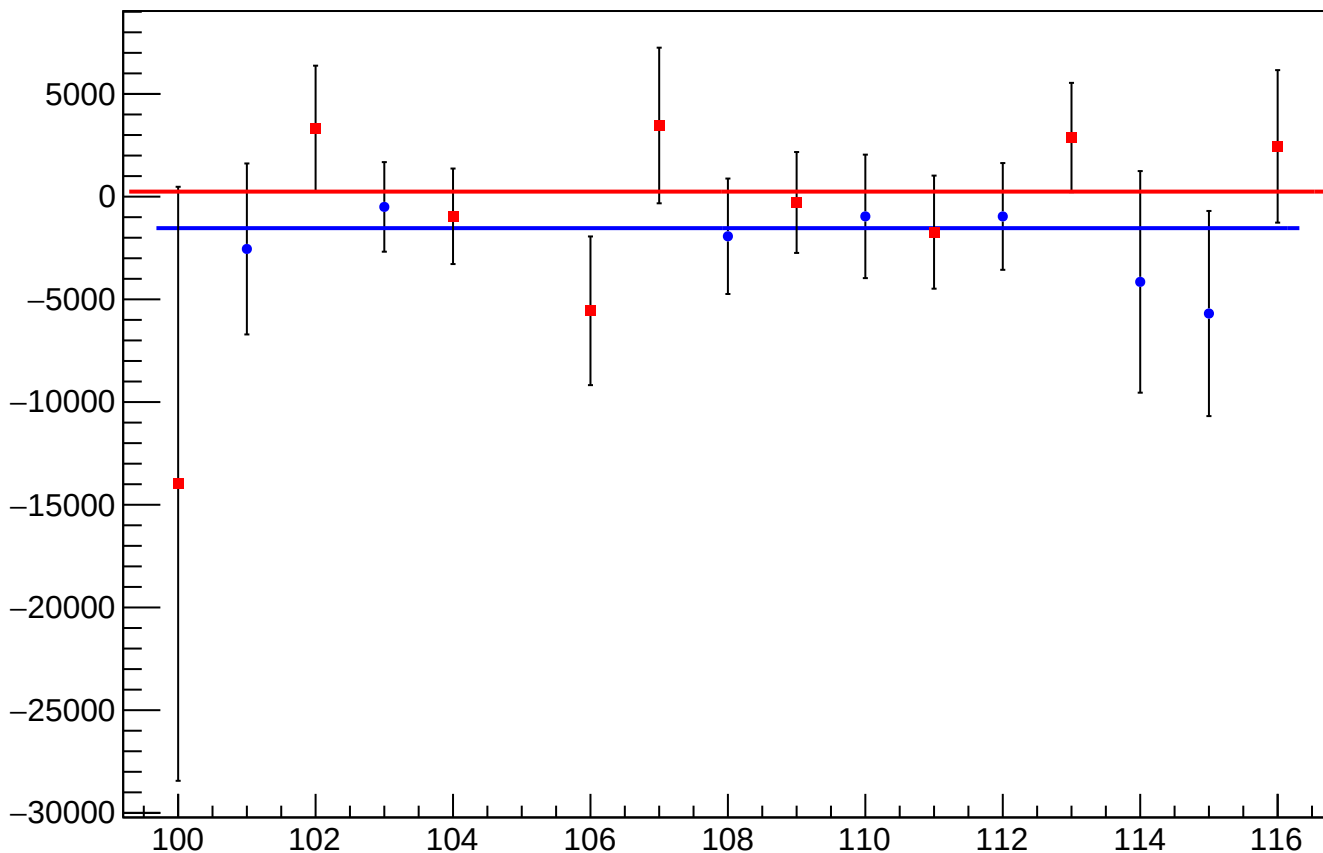
Right: 895.496+/-0.285 χ^2/NDF : 2355089.8/15

In: 1085.813+/-0.488 χ^2/NDF : 599824.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.496+/-0.285 χ^2/NDF : 2355089.8/15

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1533.488 $\pm$ 1172.085 χ^2 /NDF: 1.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.072 $\pm$ 1024.009 χ^2 /NDF: 7.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

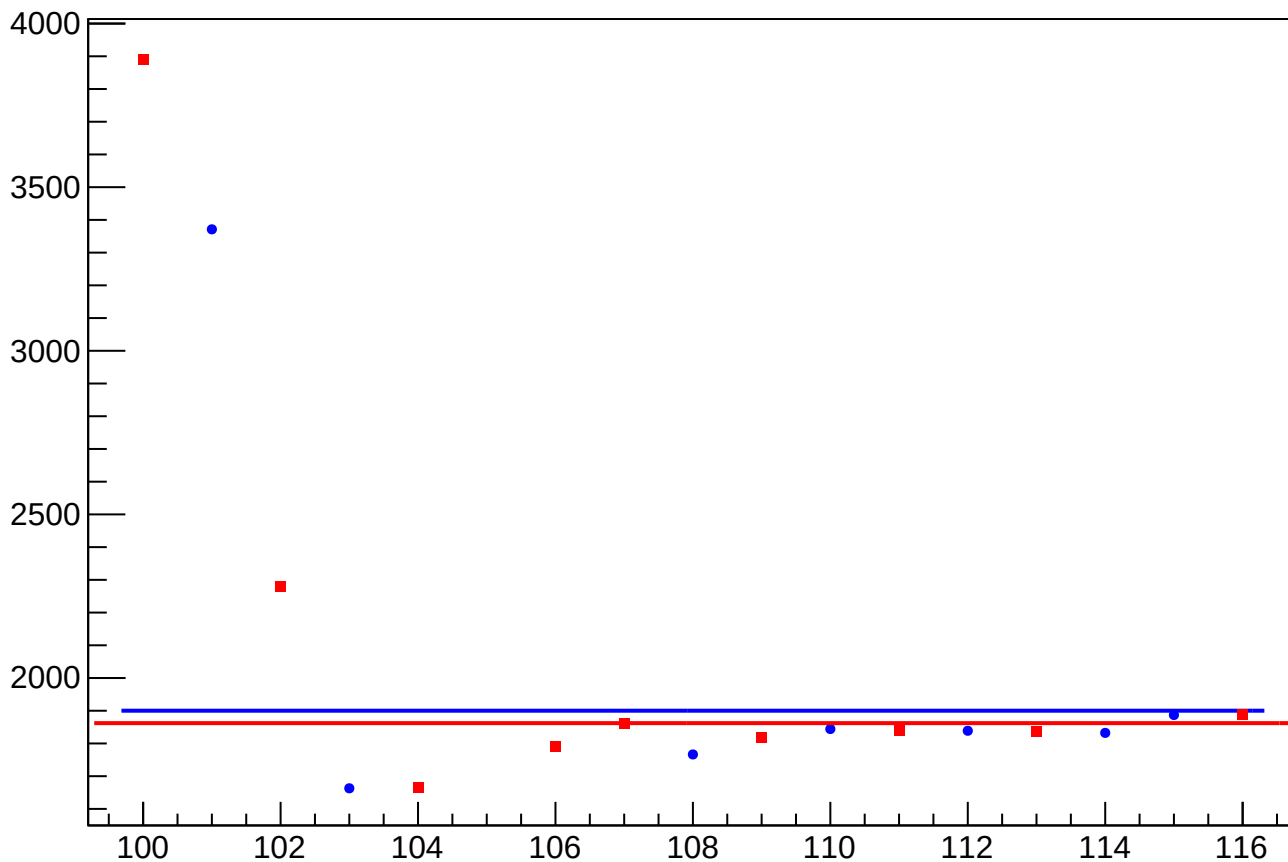
Right: -524.828 $\pm$ 771.156 χ^2 /NDF: 10.0/15

In: -1533.488 $\pm$ 1172.085 χ^2 /NDF:1.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -524.828 $\pm$ 771.156 χ^2 /NDF: 10.0/15

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1900.124+/-0.829 χ^2/NDF : 280177.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1862.113+/-0.724 χ^2/NDF : 92629.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

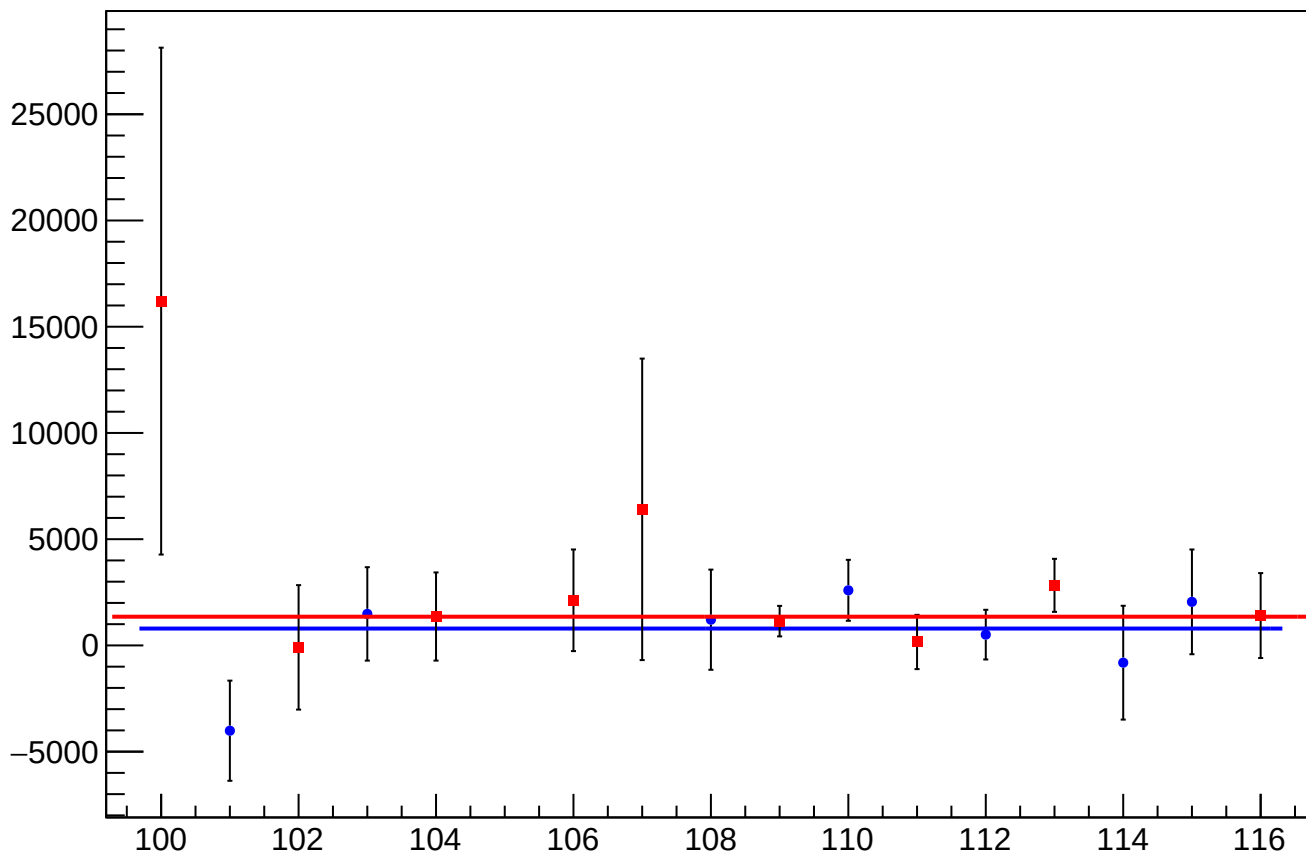
Right: 1878.567+/-0.545 χ^2/NDF : 374000.3/15

In: 1900.124+/-0.829 χ^2/NDF : 280177.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.567+/-0.545 χ^2/NDF : 374000.3/15

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 794.045+/-691.964 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.433+/-500.189 χ^2/NDF : 4.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

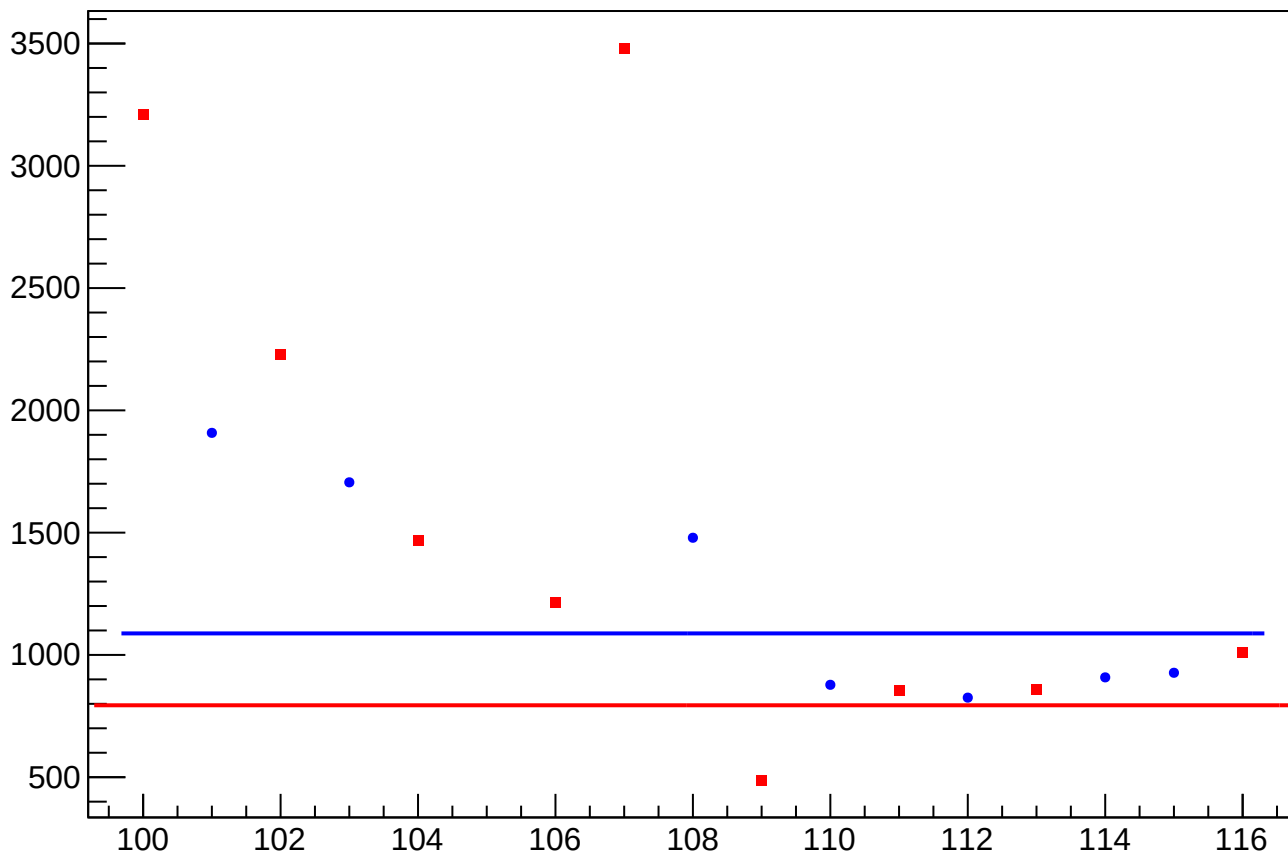
Right: 1160.141+/-405.371 χ^2/NDF : 11.7/15

In: 794.045+/-691.964 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.141+/-405.371 χ^2/NDF : 11.7/15

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1087.975+/-0.489 χ^2/NDF : 616457.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 794.086+/-0.354 χ^2/NDF : 1520700.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

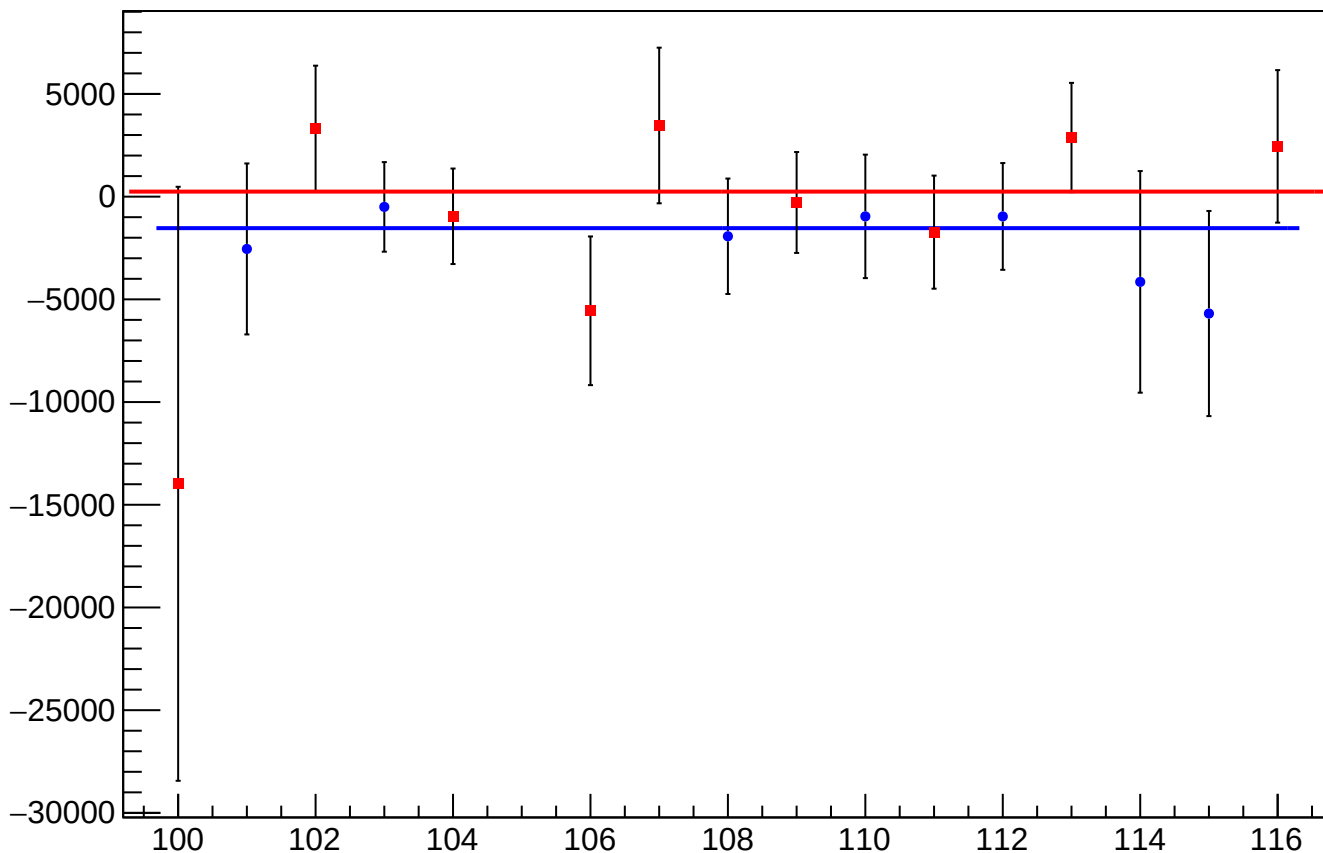
Right: 894.947+/-0.287 χ^2/NDF : 2374112.0/15

In: 1087.975+/-0.489 χ^2/NDF : 616457.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.947+/-0.287 χ^2/NDF : 2374112.0/15

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1533.488 $\pm$ 1172.085 χ^2 /NDF: 1.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.072 $\pm$ 1024.009 χ^2 /NDF: 7.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

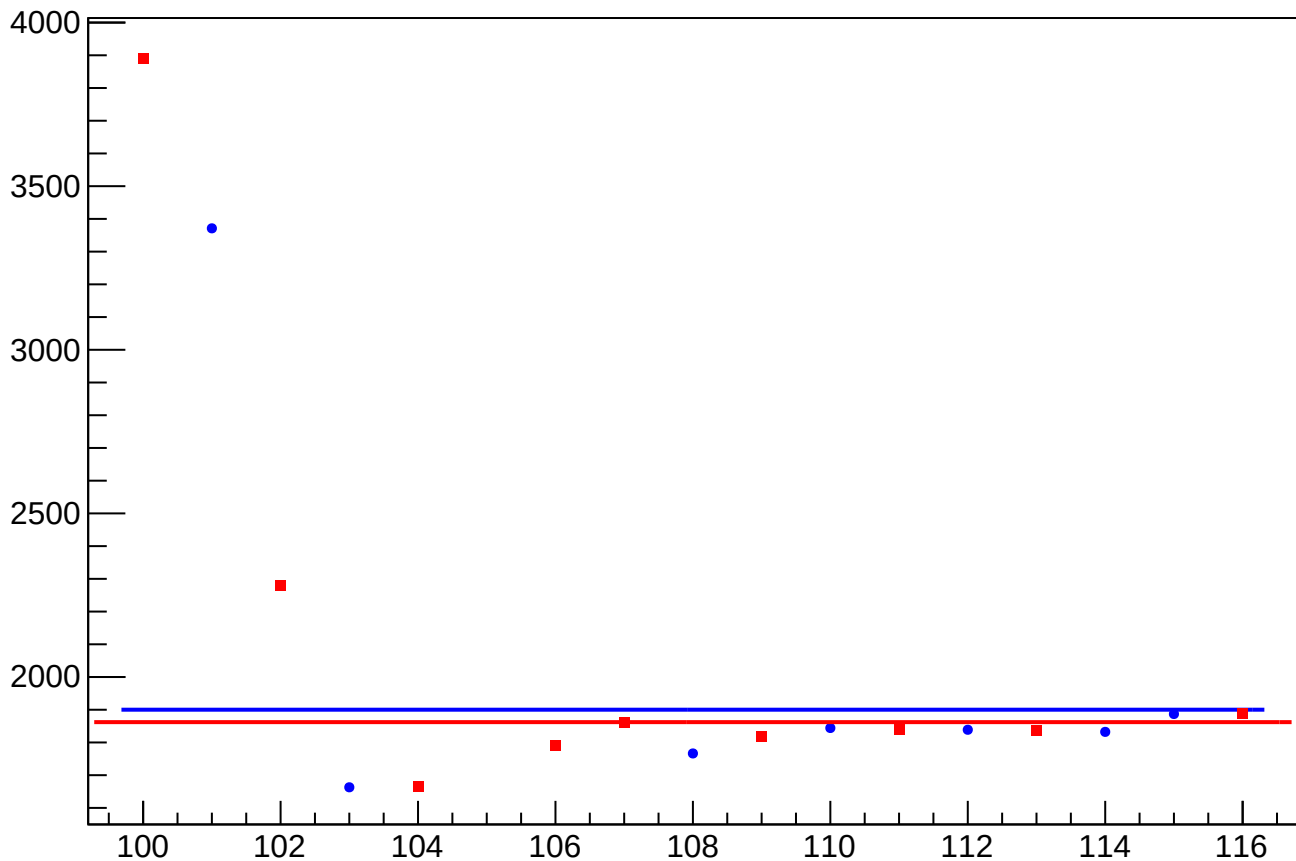
Right: -524.828 $\pm$ 771.156 χ^2 /NDF: 10.0/15

In: -1533.488 $\pm$ 1172.085 χ^2 /NDF:1.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -524.828 $\pm$ 771.156 χ^2 /NDF: 10.0/15

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1900.124+/-0.829 χ^2/NDF : 280177.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1862.113+/-0.724 χ^2/NDF : 92629.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

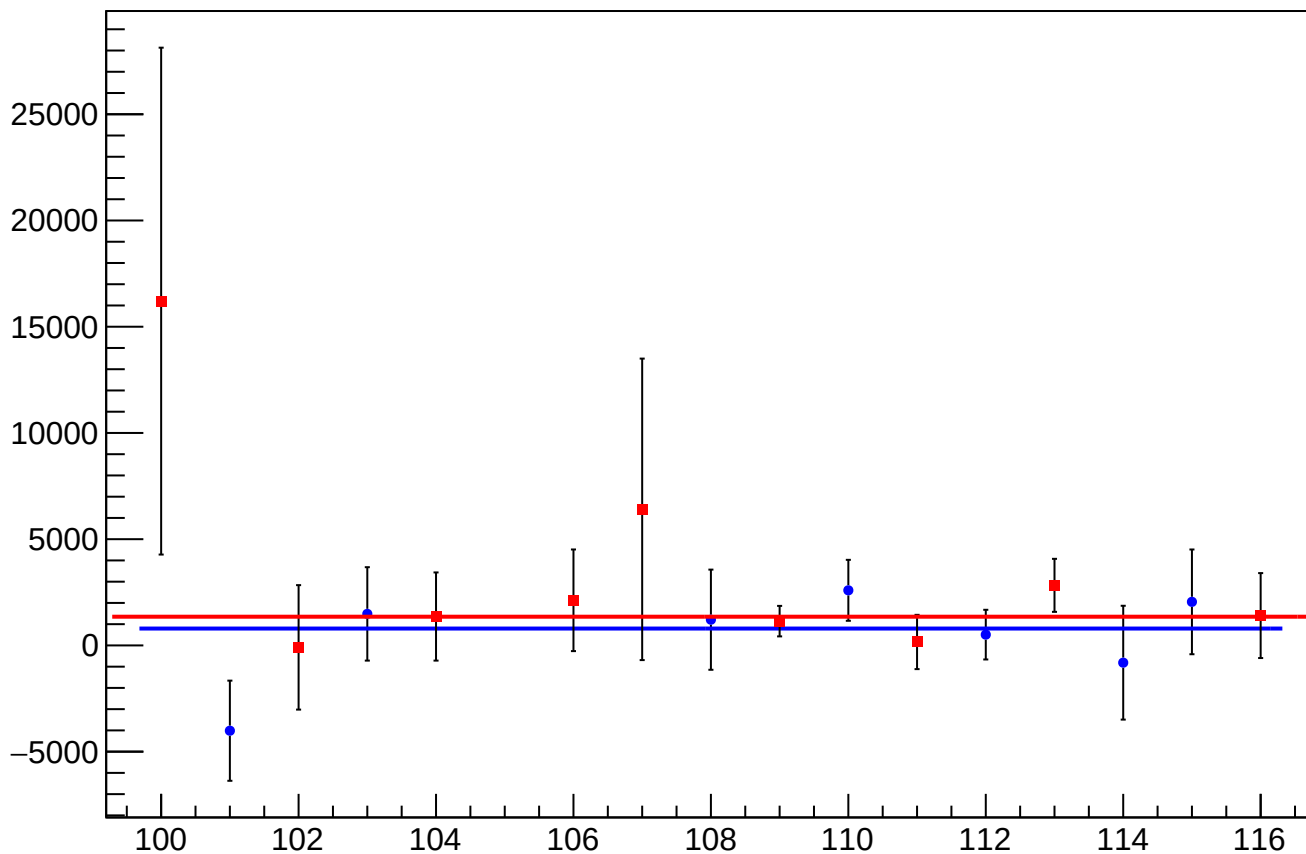
Right: 1878.567+/-0.545 χ^2/NDF : 374000.3/15

In: 1900.124+/-0.829 χ^2/NDF : 280177.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.567+/-0.545 χ^2/NDF : 374000.3/15

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 794.045+/-691.964 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.433+/-500.189 χ^2/NDF : 4.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

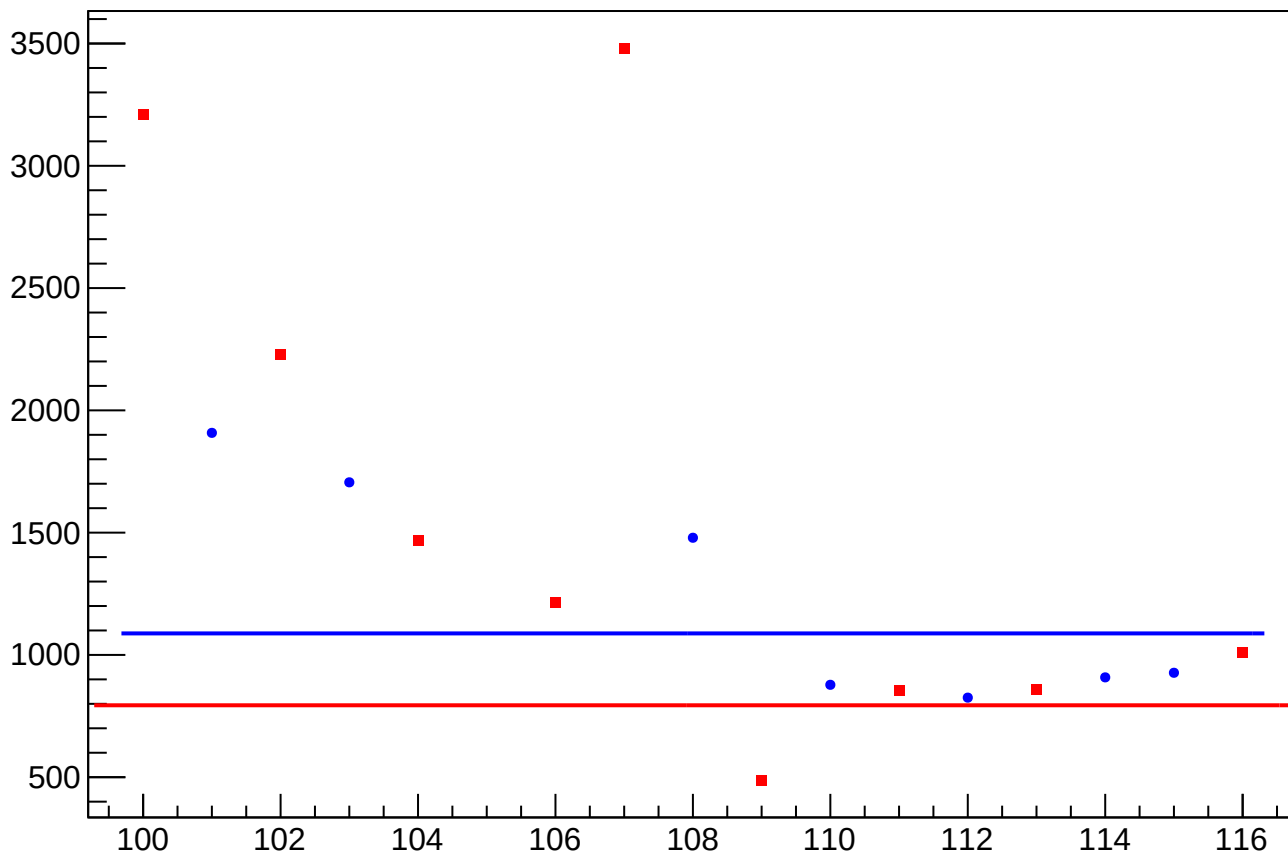
Right: 1160.141+/-405.371 χ^2/NDF : 11.7/15

In: 794.045+/-691.964 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.141+/-405.371 χ^2/NDF : 11.7/15

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1087.975+/-0.489 χ^2/NDF : 616457.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 794.086+/-0.354 χ^2/NDF : 1520700.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

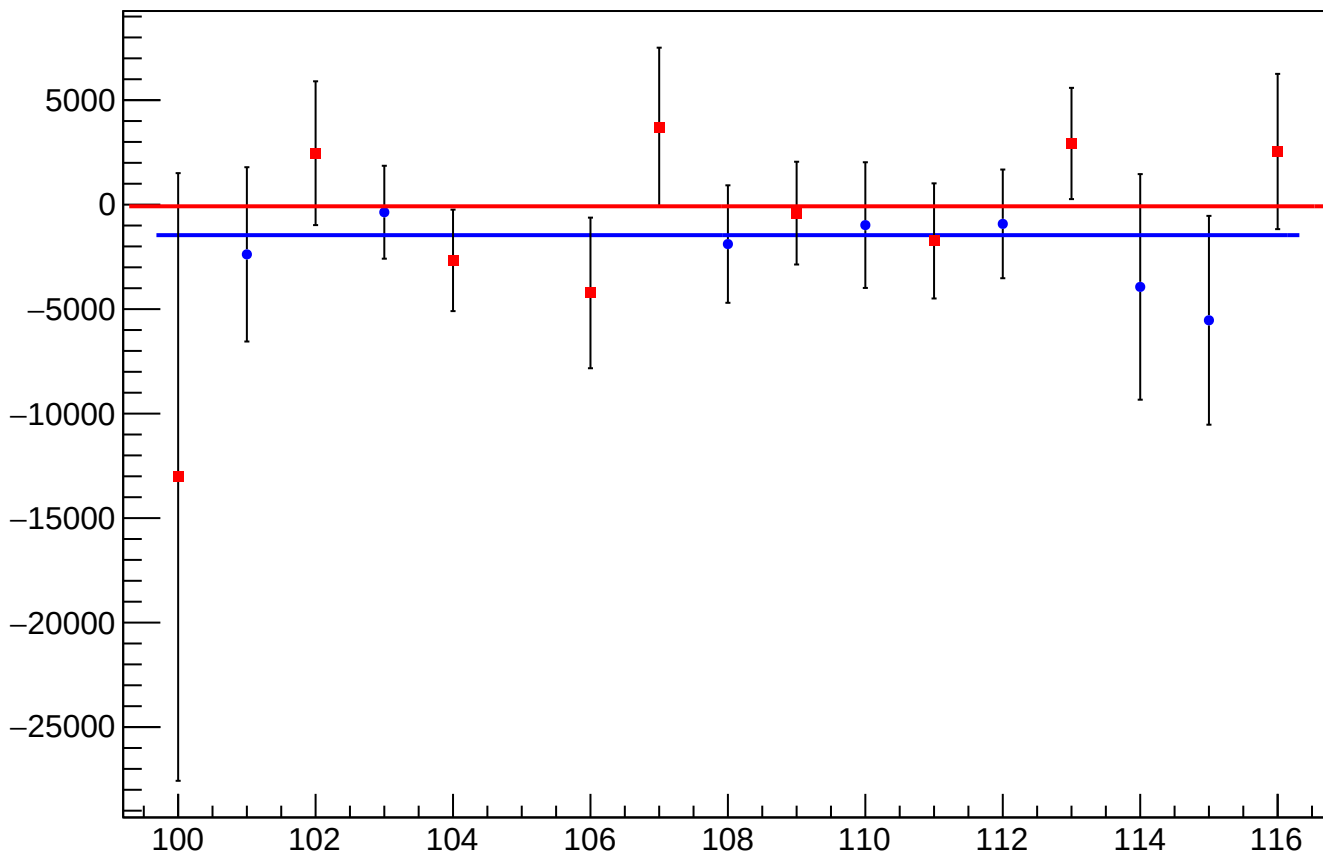
Right: 894.947+/-0.287 χ^2/NDF : 2374112.0/15

In: 1087.975+/-0.489 χ^2/NDF : 616457.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.947+/-0.287 χ^2/NDF : 2374112.0/15

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1460.605+/-1179.138 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.649+/-1044.797 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

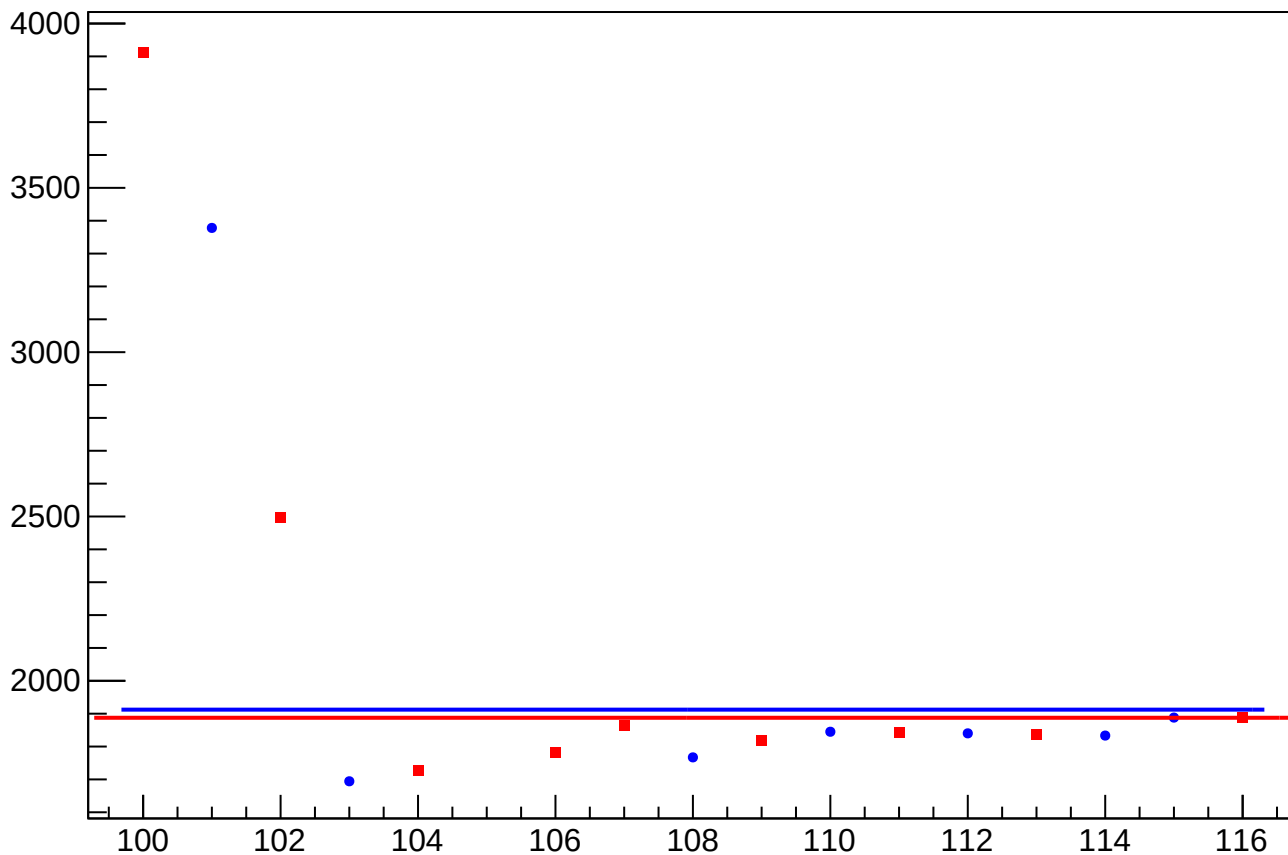
Right: -687.011+/-781.985 χ^2/NDF : 9.0/15

In: -1460.605+/-1179.138 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -687.011+/-781.985 χ^2/NDF : 9.0/15

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1912.300+/-0.834 χ^2/NDF : 274651.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.573+/-0.739 χ^2/NDF : 114847.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

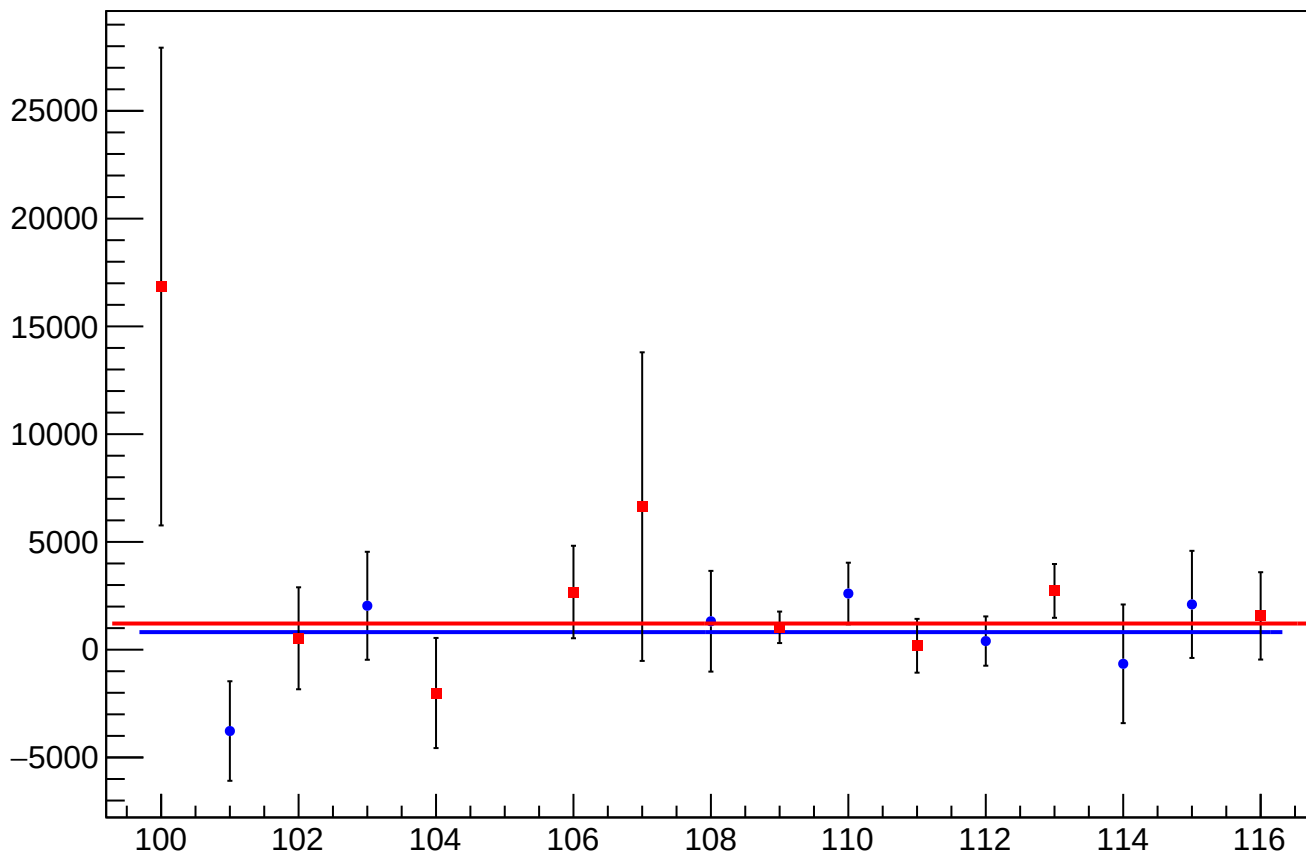
Right: 1898.448+/-0.553 χ^2/NDF : 389991.7/15

In: 1912.300+/-0.834 χ^2/NDF : 274651.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.448+/-0.553 χ^2/NDF : 389991.7/15

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 814.684+/-693.750 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1213.480+/-501.372 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

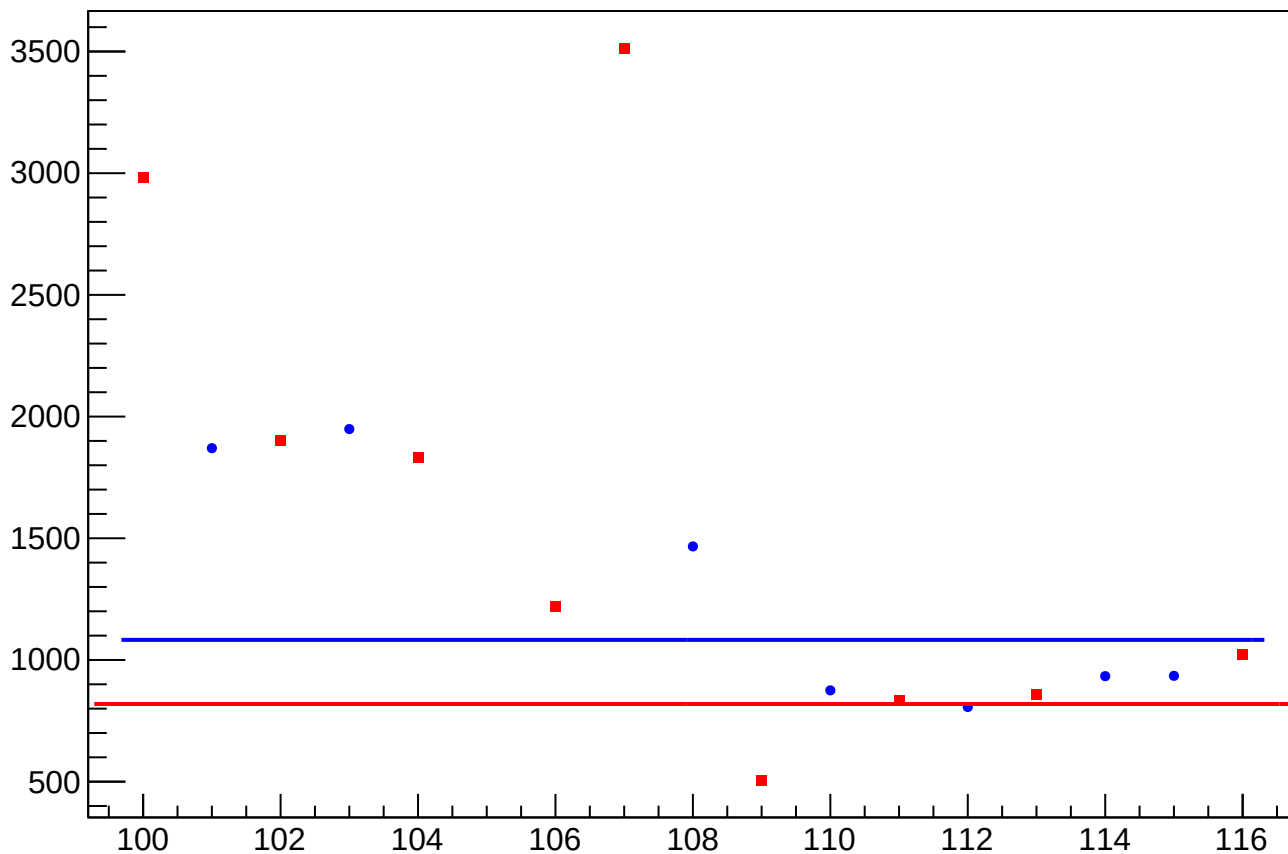
Right: 1076.655+/-406.360 χ^2/NDF : 13.7/15

In: 814.684+/-693.750 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.655+/-406.360 χ^2/NDF : 13.7/15

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1082.630+/-0.491 χ^2/NDF : 697000.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.142+/-0.355 χ^2/NDF : 1558833.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

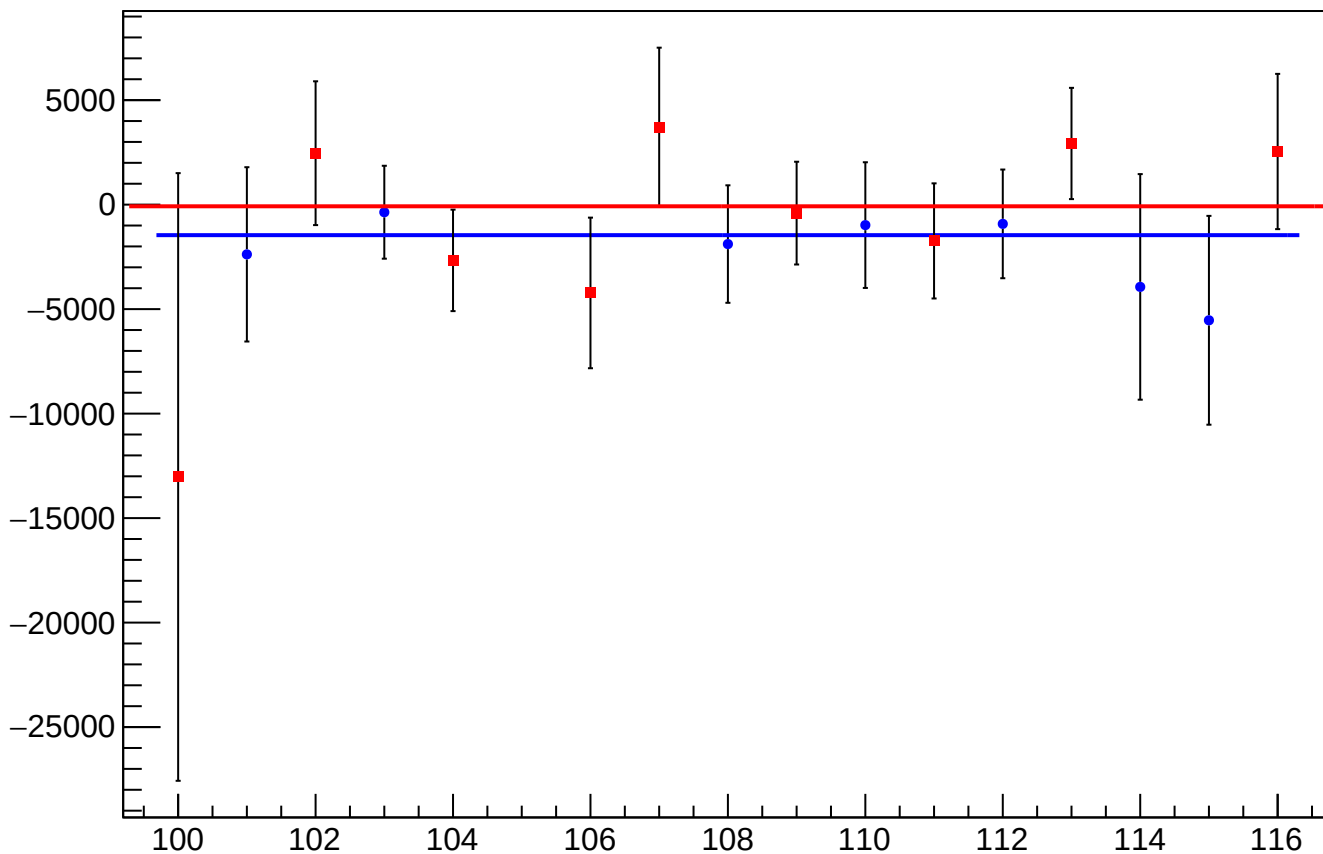
Right: 909.544+/-0.287 χ^2/NDF : 2445352.4/15

In: 1082.630+/-0.491 χ^2/NDF : 697000.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.544+/-0.287 χ^2/NDF : 2445352.4/15

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1460.603+/-1179.138 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.653+/-1044.797 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

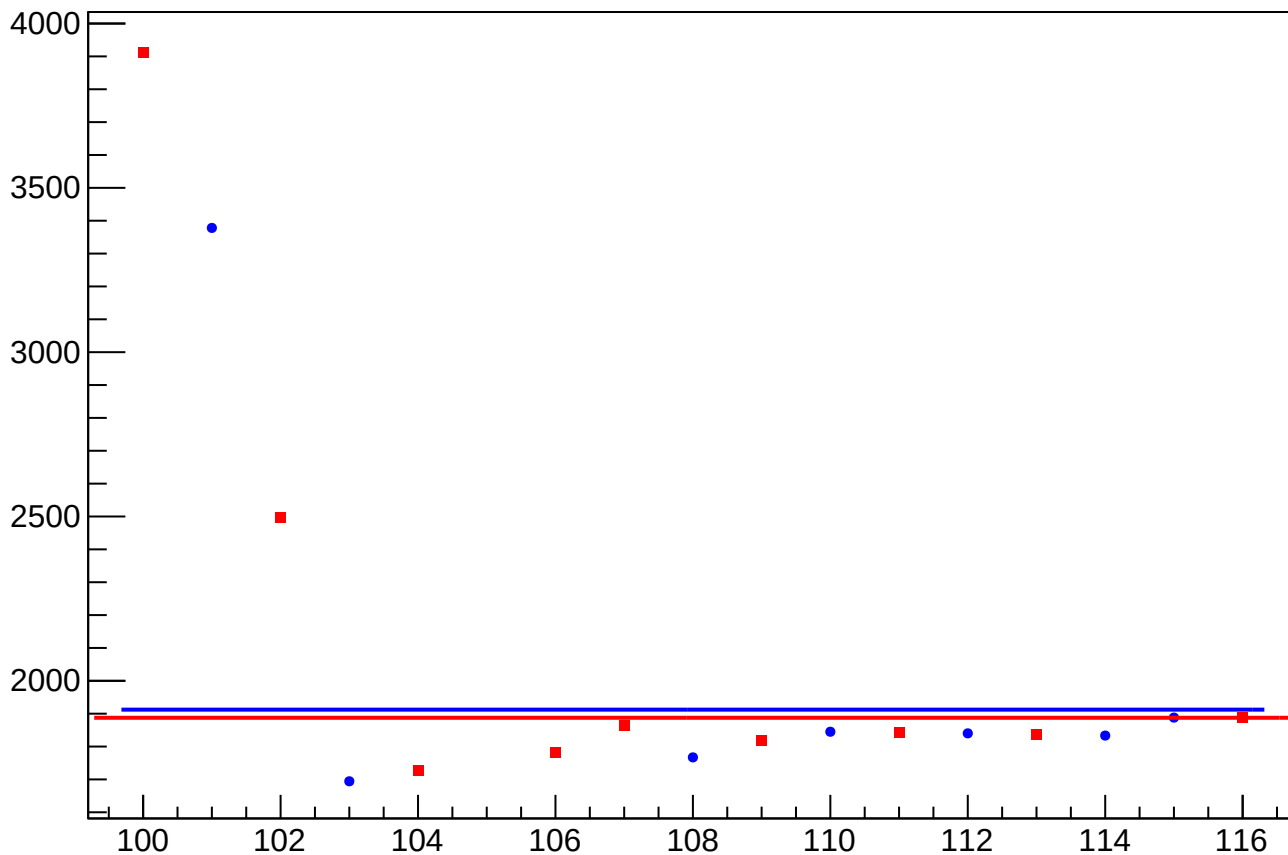
Right: -687.013+/-781.985 χ^2/NDF : 9.0/15

In: -1460.603+/-1179.138 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -687.013+/-781.985 χ^2/NDF : 9.0/15

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1912.301+/-0.834 χ^2/NDF : 274651.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1887.573+/-0.739 χ^2/NDF : 114847.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

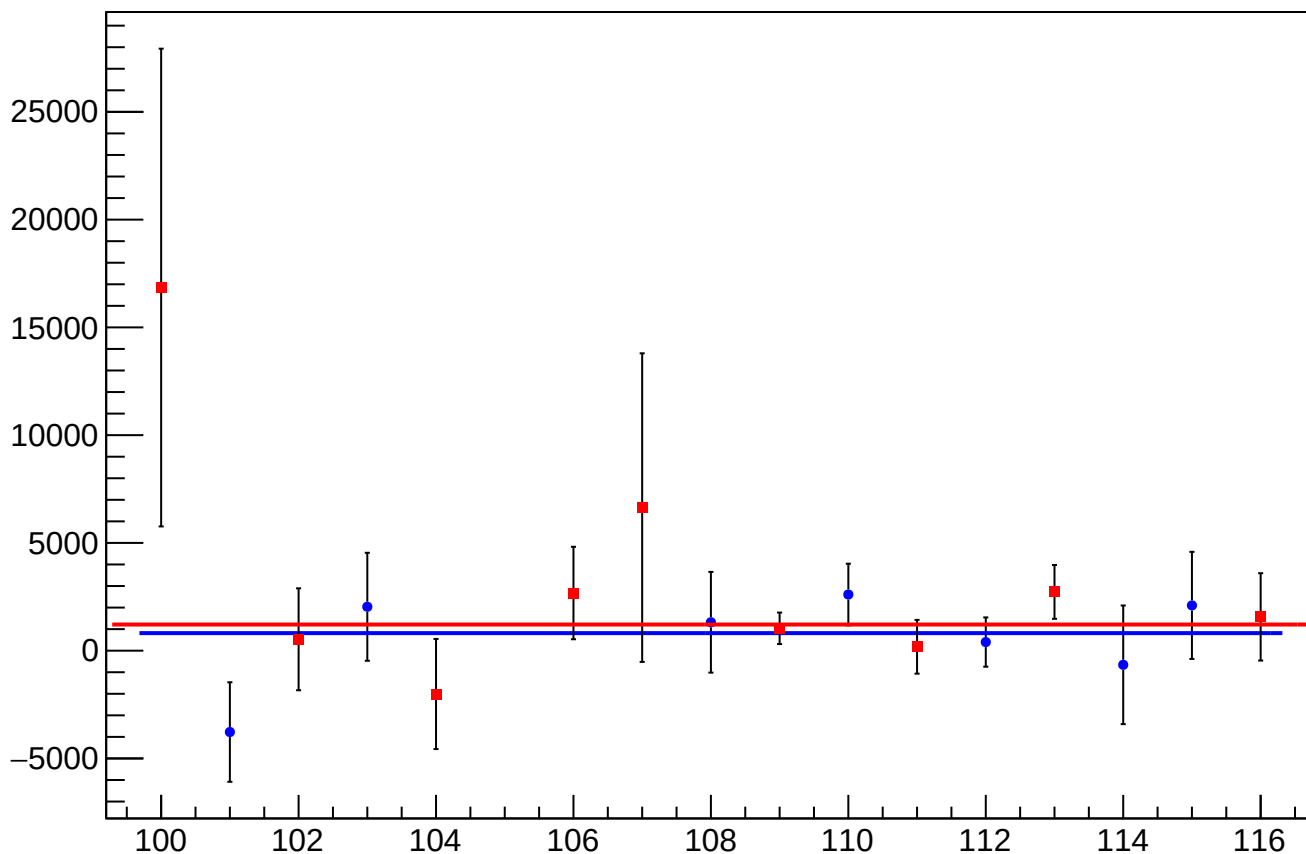
Right: 1898.448+/-0.553 χ^2/NDF : 389991.6/15

In: 1912.301+/-0.834 χ^2/NDF : 274651.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.448+/-0.553 χ^2/NDF : 389991.6/15

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 814.682+/-693.746 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1213.478+/-501.371 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

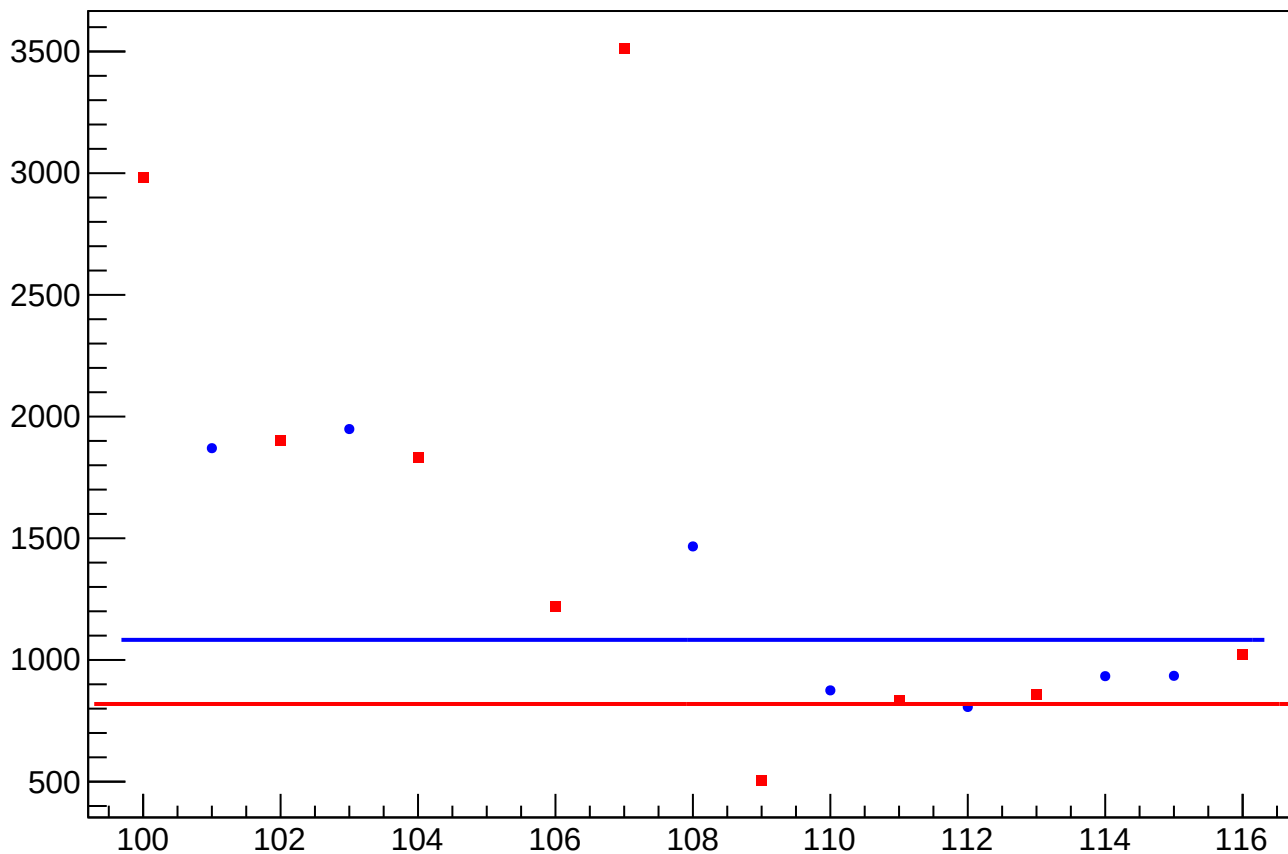
Right: 1076.652+/-406.359 χ^2/NDF : 13.7/15

In: 814.682+/-693.746 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.652+/-406.359 χ^2/NDF : 13.7/15

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1082.623+/-0.491 χ^2/NDF : 697010.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.141+/-0.355 χ^2/NDF : 1558829.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

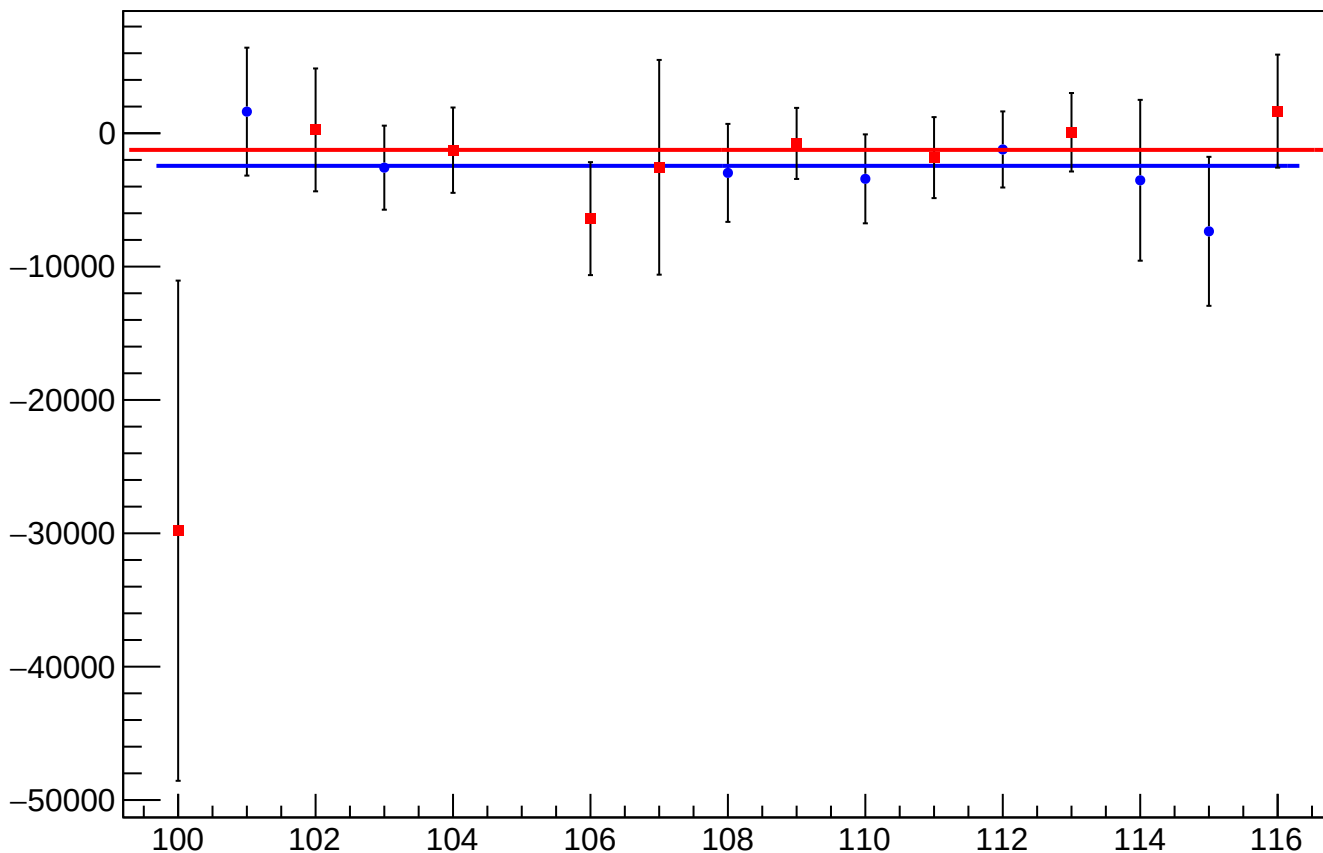
Right: 909.541+/-0.287 χ^2/NDF : 2445349.2/15

In: 1082.623+/-0.491 χ^2/NDF : 697010.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.541+/-0.287 χ^2/NDF : 2445349.2/15

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2444.818+/-1427.876 χ^2/NDF : 1.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1248.347+/-1250.743 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

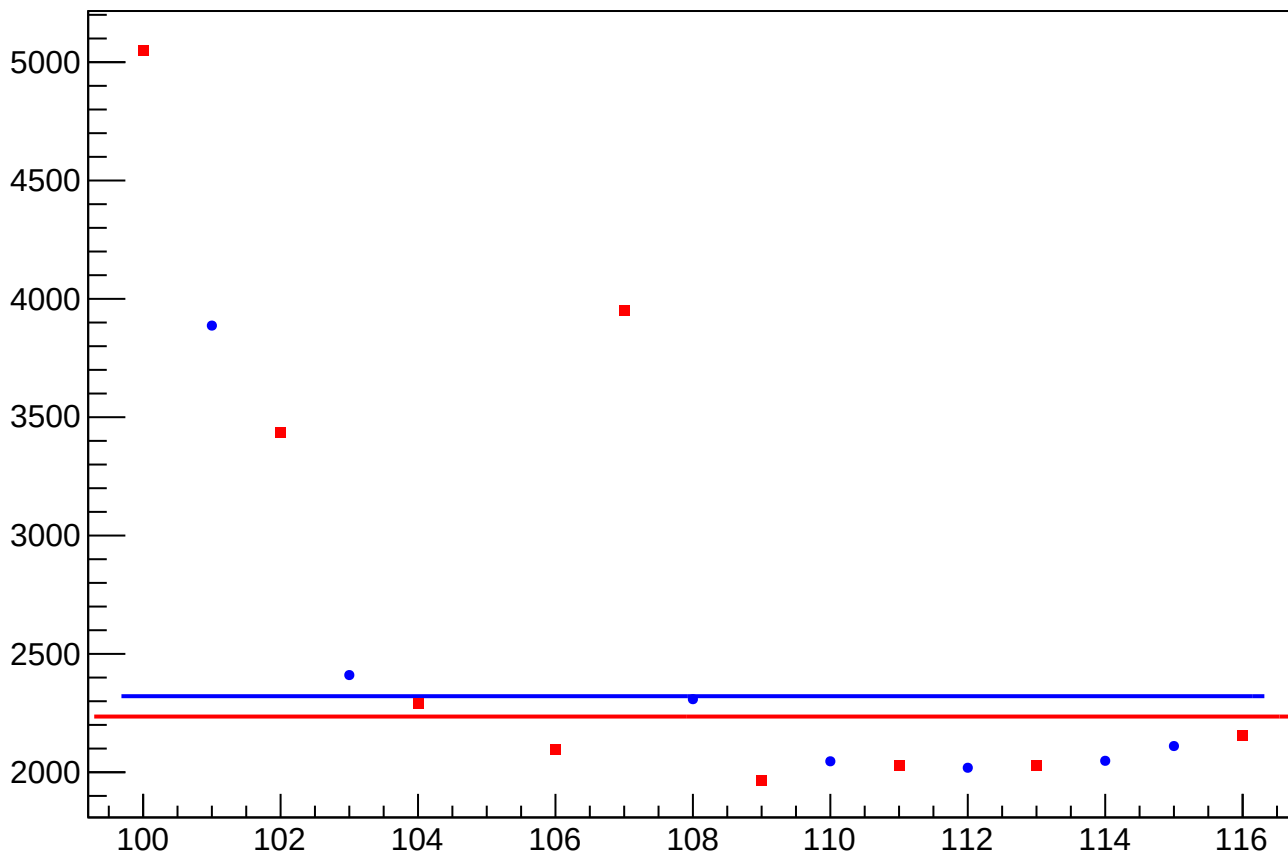
Right: -1767.806+/-940.839 χ^2/NDF : 6.9/15

In: -2444.818+/-1427.876 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1767.806+/-940.839 χ^2/NDF : 6.9/15

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2321.281+/-1.010 χ^2/NDF : 257729.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2235.282+/-0.884 χ^2/NDF : 314350.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

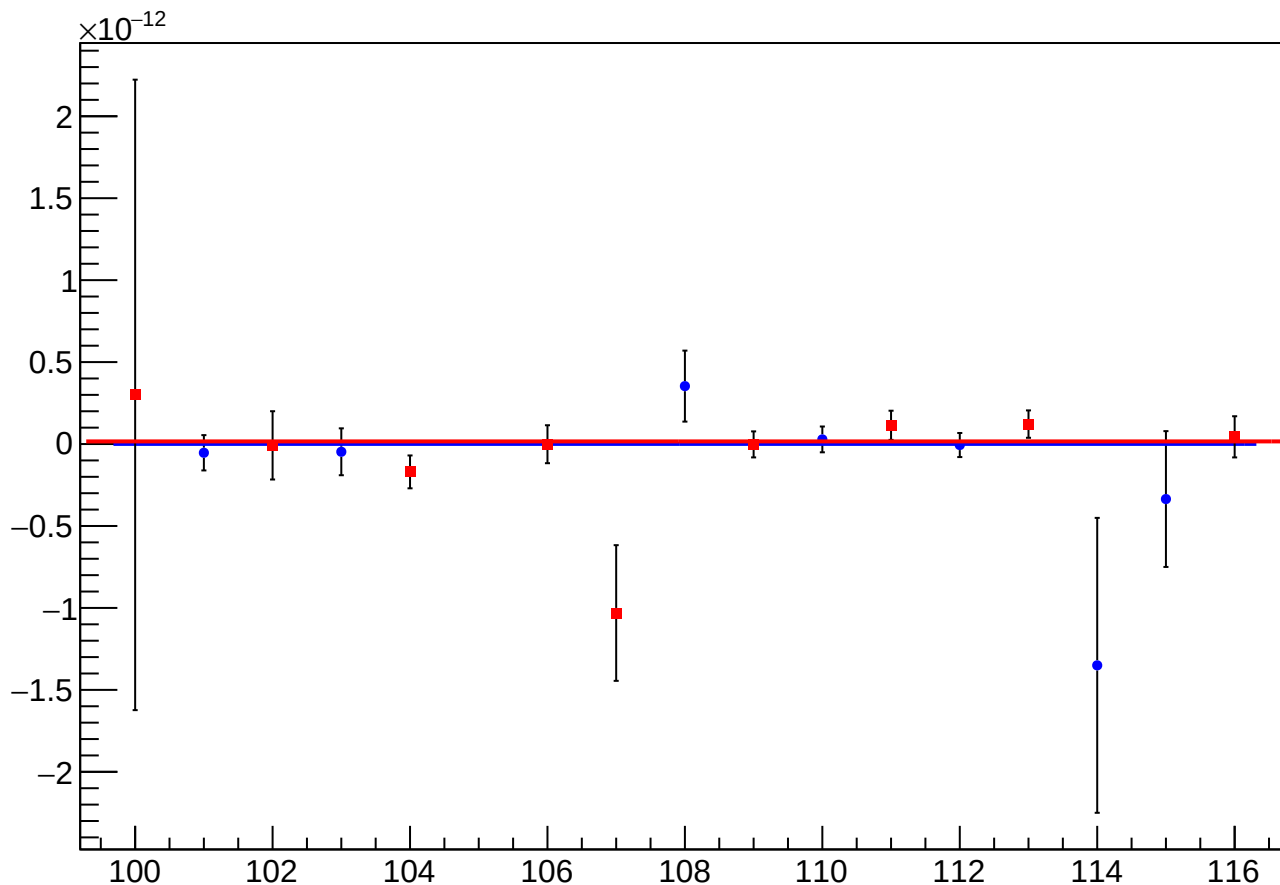
Right: 2272.619+/-0.665 χ^2/NDF : 576184.9/15

In: 2321.281+/-1.010 χ^2/NDF : 257729.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2272.619+/-0.665 χ^2/NDF : 576184.9/15

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

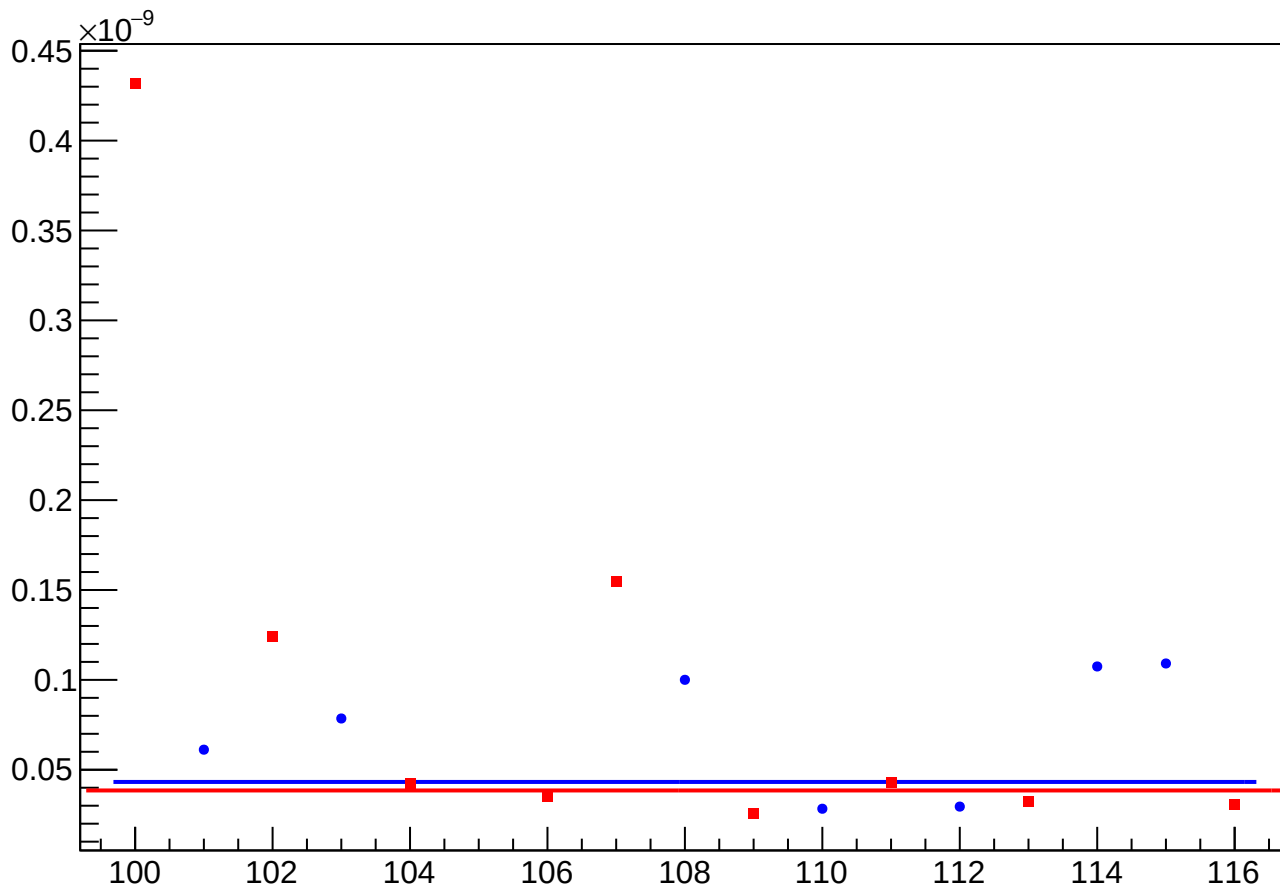
Right: 0.000+/-0.000 χ^2/NDF : 18.9/15

In: 0.000+/-0.000 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.9/15

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 517162.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 659192.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

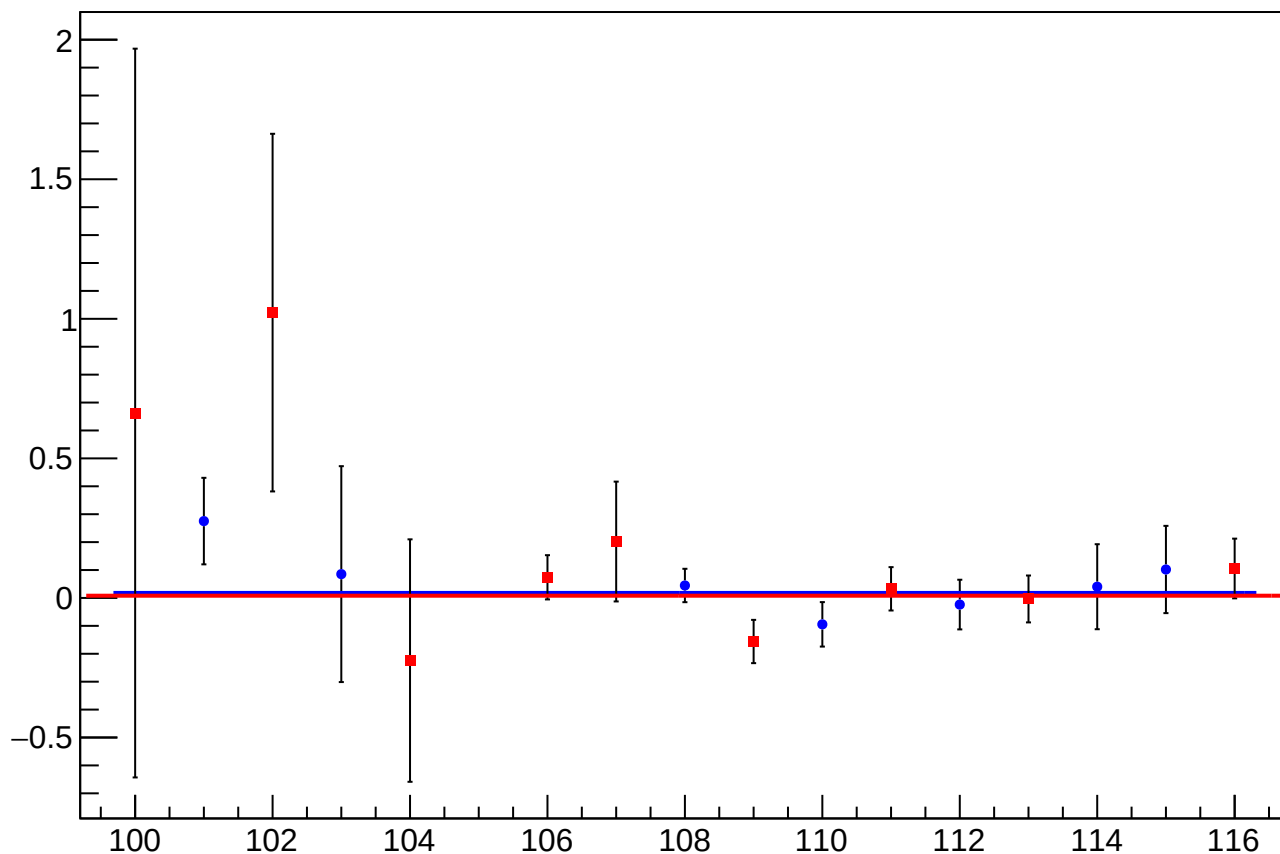
Right: 0.000+/-0.000 χ^2/NDF : 1189552.7/15

In: 0.000+/-0.000 χ^2/NDF : 517162.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1189552.7/15

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.038 χ^2 /NDF: 5.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.037 χ^2 /NDF: 10.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

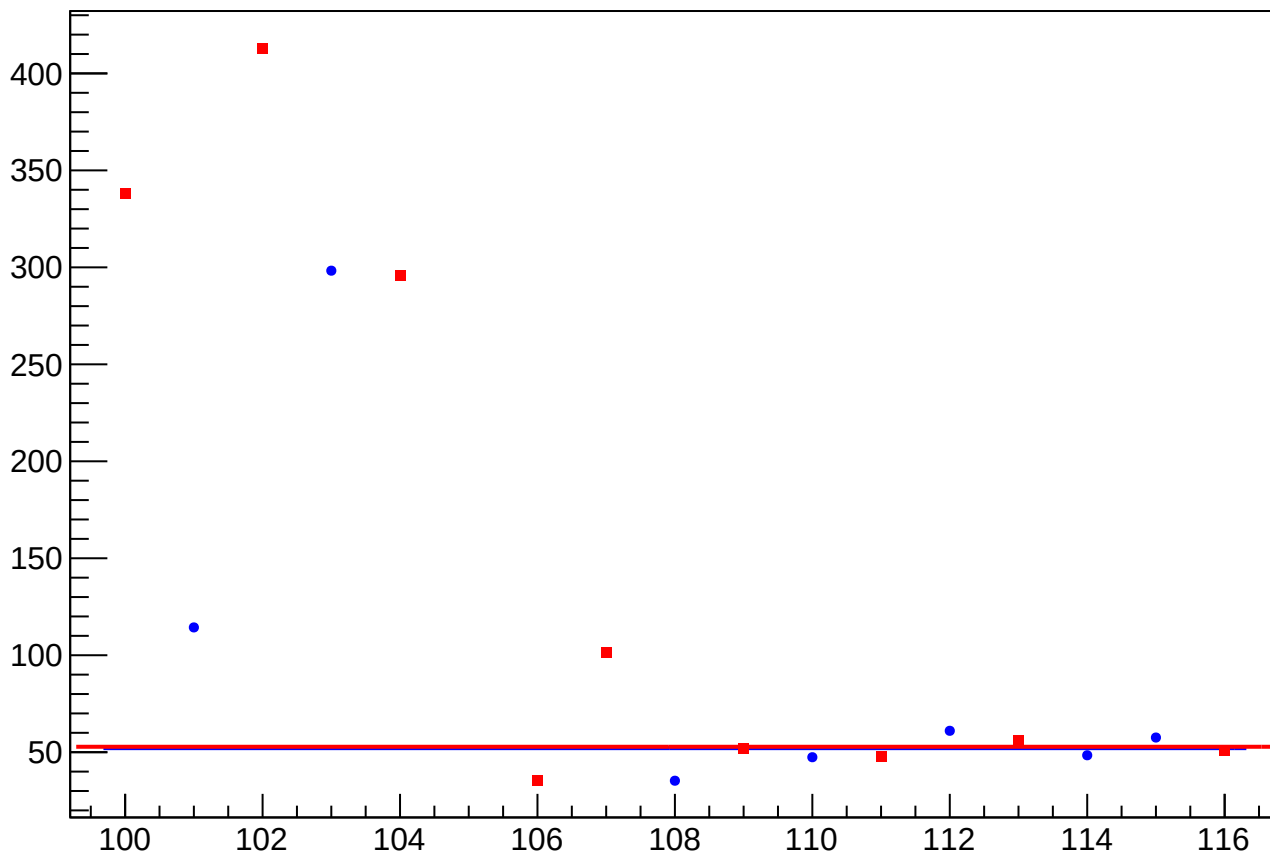
Right: 0.013 $\pm$ 0.026 χ^2 /NDF: 15.5/15

In: 0.018 $\pm$ 0.038 χ^2 /NDF:5.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.026 χ^2 /NDF: 15.5/15

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.096+/-0.027 χ^2/NDF : 1321626.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.806+/-0.026 χ^2/NDF : 1566607.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

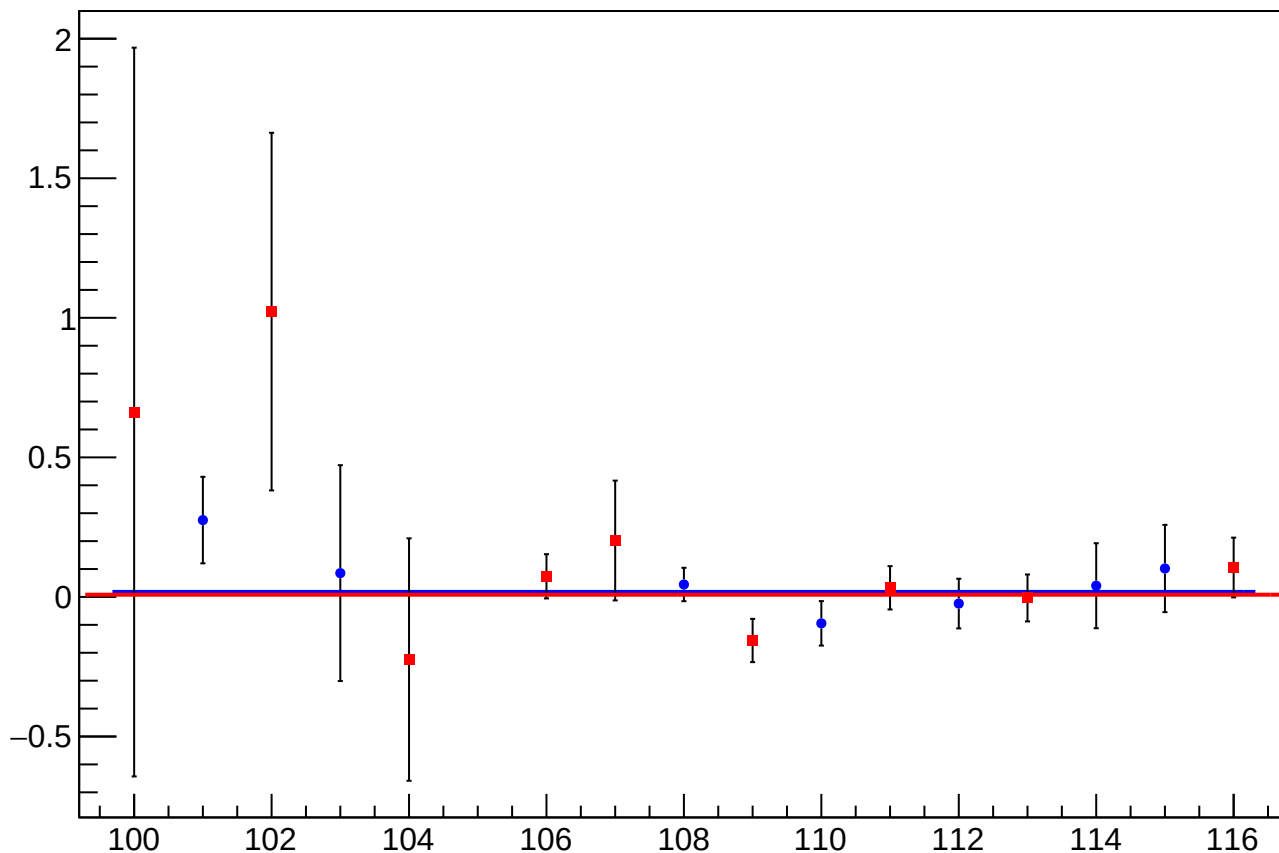
Right: 52.464+/-0.019 χ^2/NDF : 2888597.3/15

In: 52.096+/-0.027 χ^2/NDF : 1321626.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.464+/-0.019 χ^2/NDF : 2888597.3/15

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.038 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.037 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

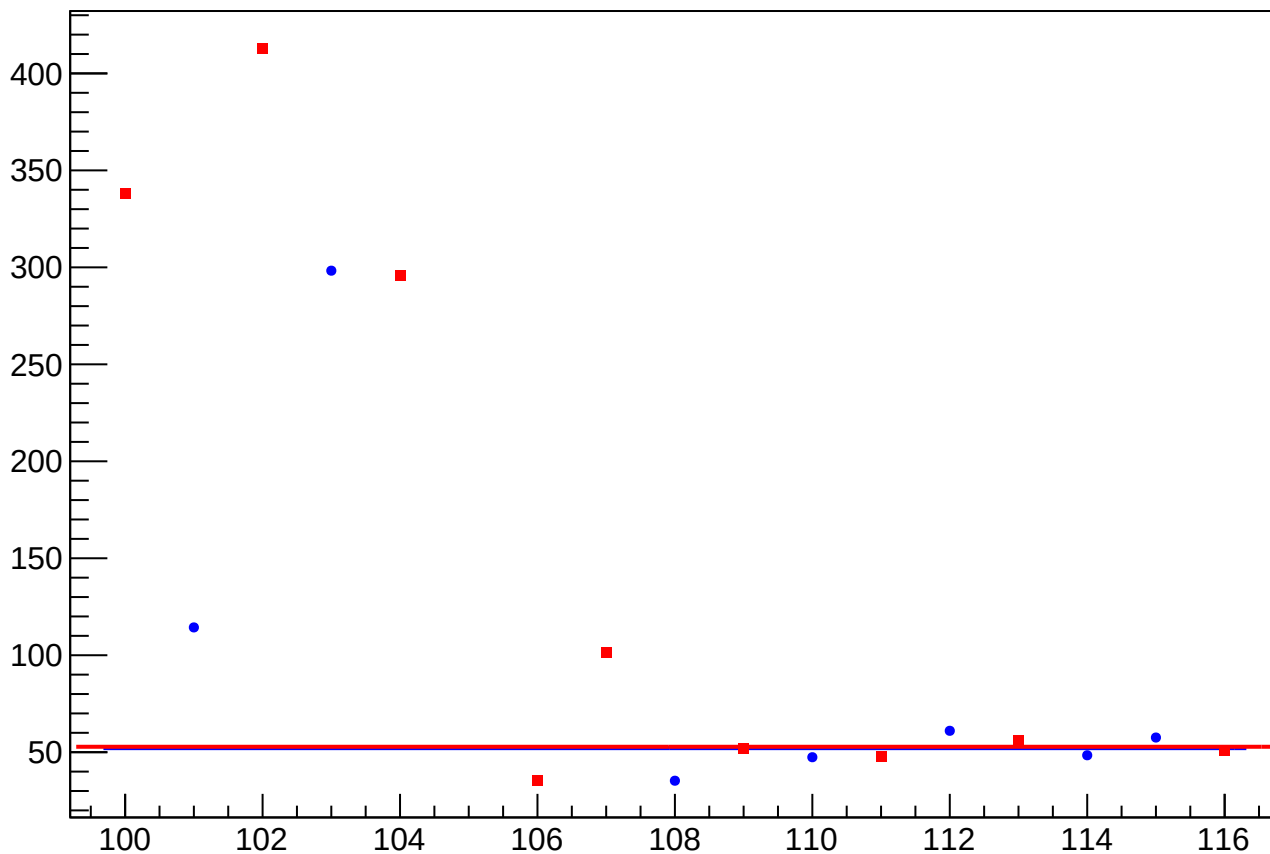
Right: 0.013+/-0.026 χ^2/NDF : 15.5/15

In: 0.018+/-0.038 χ^2/NDF :5.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.026 χ^2/NDF : 15.5/15

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.096+/-0.027 χ^2/NDF : 1321626.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.806+/-0.026 χ^2/NDF : 1566607.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

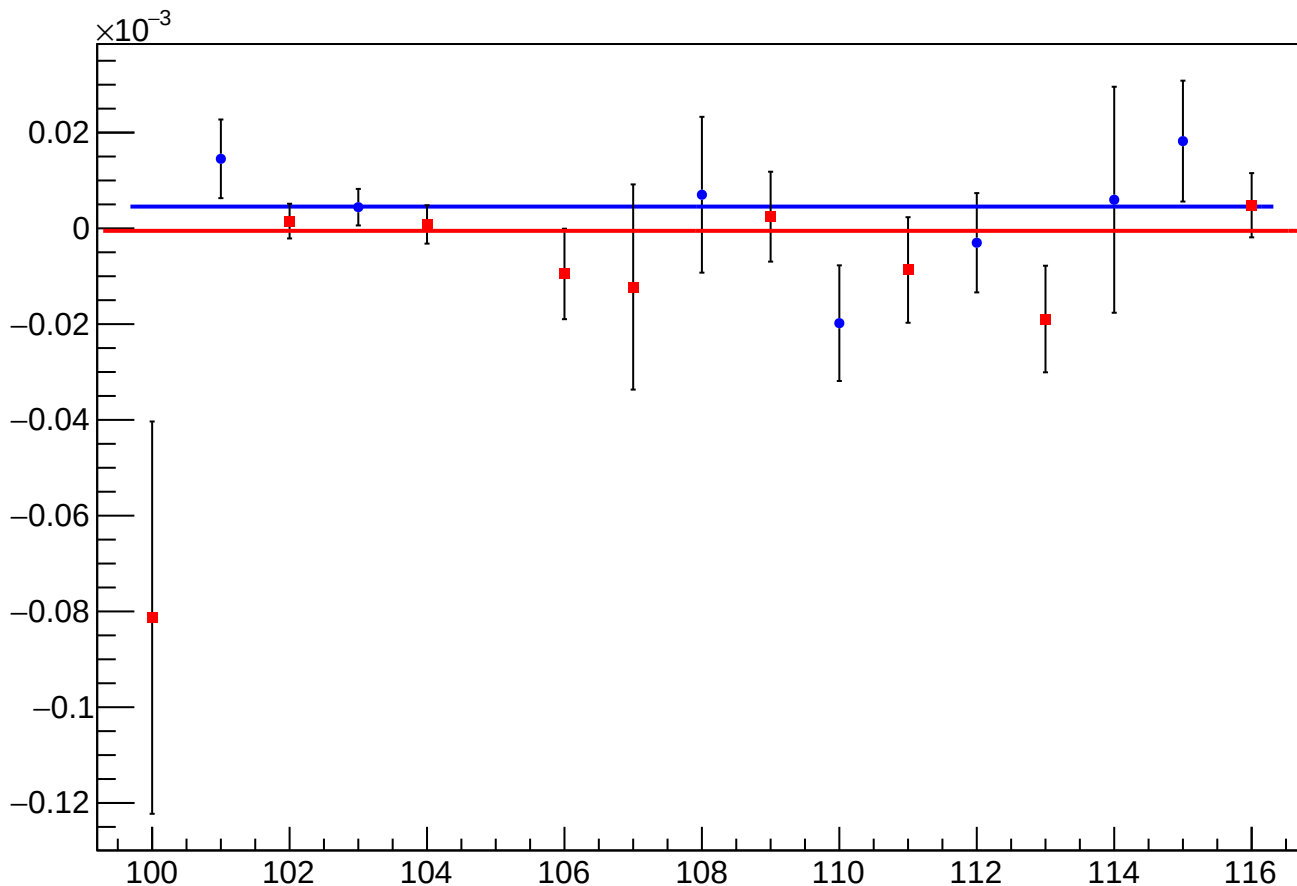
Right: 52.464+/-0.019 χ^2/NDF : 2888597.3/15

In: 52.096+/-0.027 χ^2/NDF : 1321626.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.464+/-0.019 χ^2/NDF : 2888597.3/15

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 : 7.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

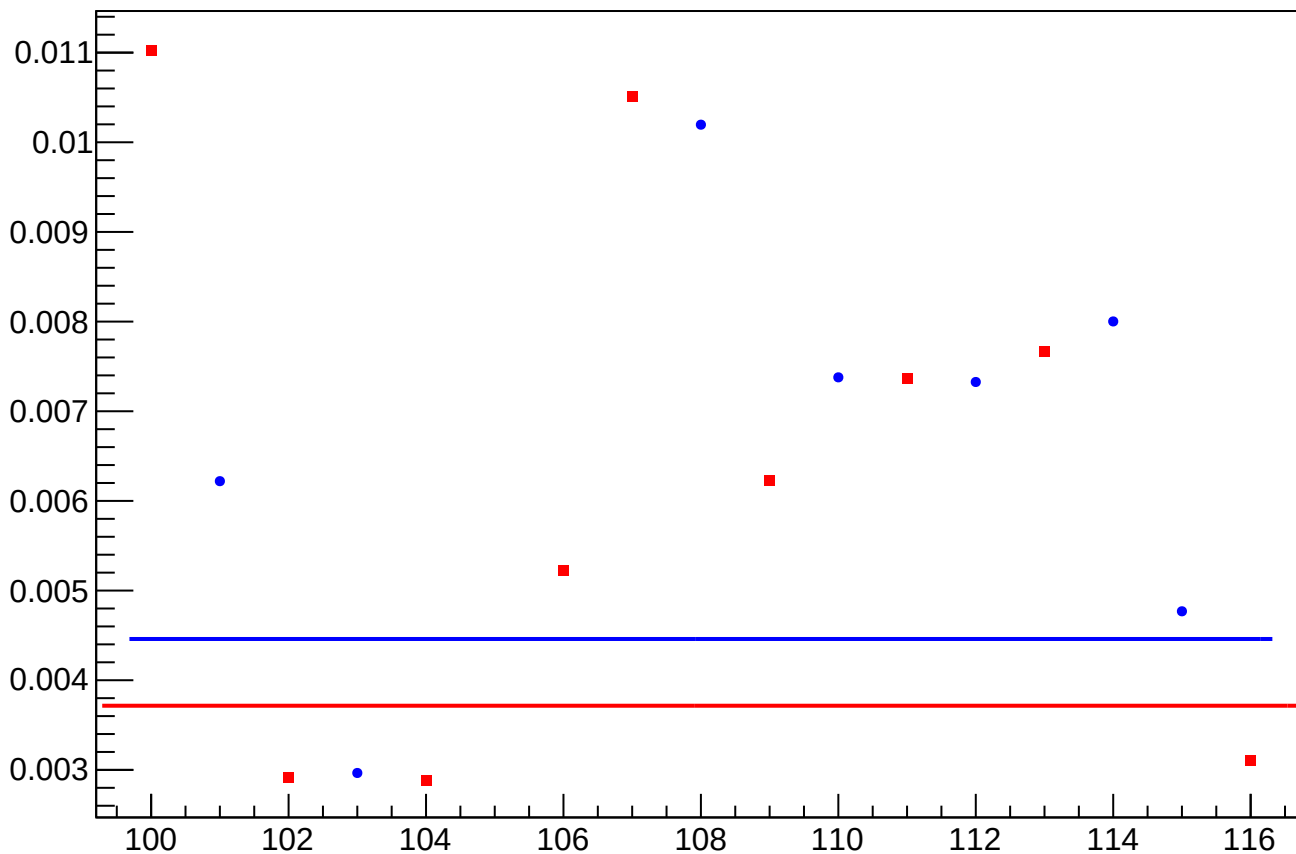
Right: 0.000+/-0.000 χ^2/NDF : 18.7/15

In: 0.000+/-0.000 χ^2/NDF : 7.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/15

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 : 963545.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1130146.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

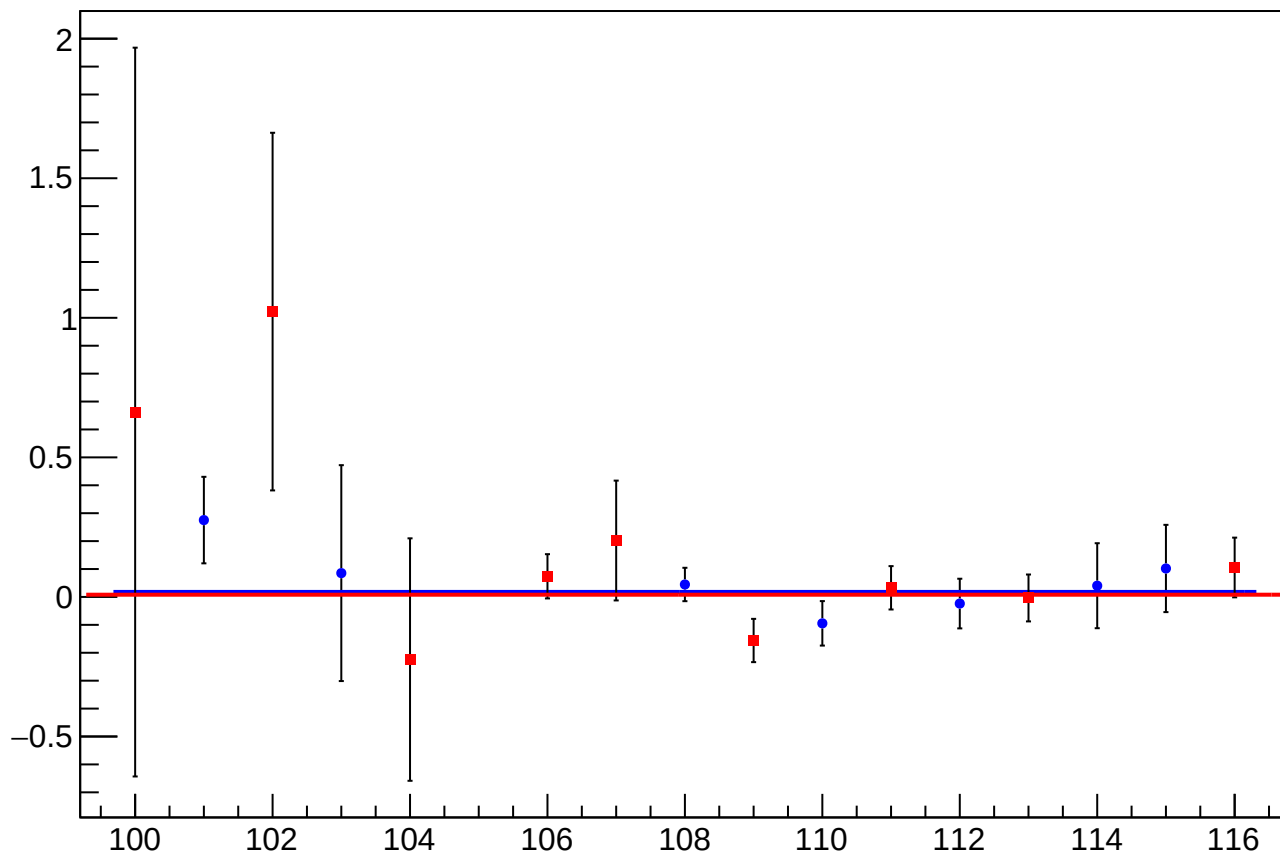
Right: 0.004+/-0.000 χ^2/NDF : 2173423.4/15

In: 0.004+/-0.000 χ^2/NDF : 963545.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2173423.4/15

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.038 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.037 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

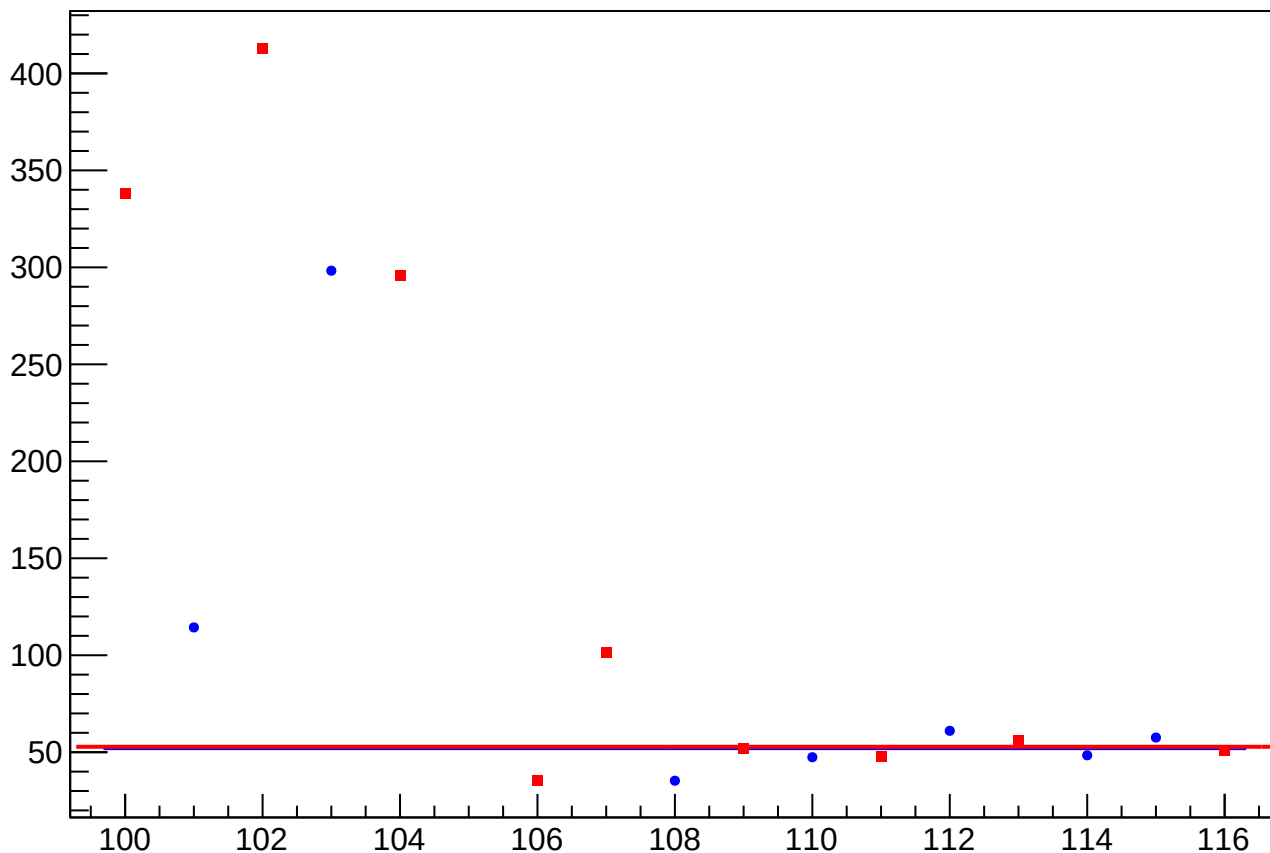
Right: 0.013+/-0.026 χ^2/NDF : 15.5/15

In: 0.018+/-0.038 χ^2/NDF :5.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.026 χ^2/NDF : 15.5/15

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.099+/-0.027 χ^2/NDF : 1321552.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.807+/-0.026 χ^2/NDF : 1566590.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

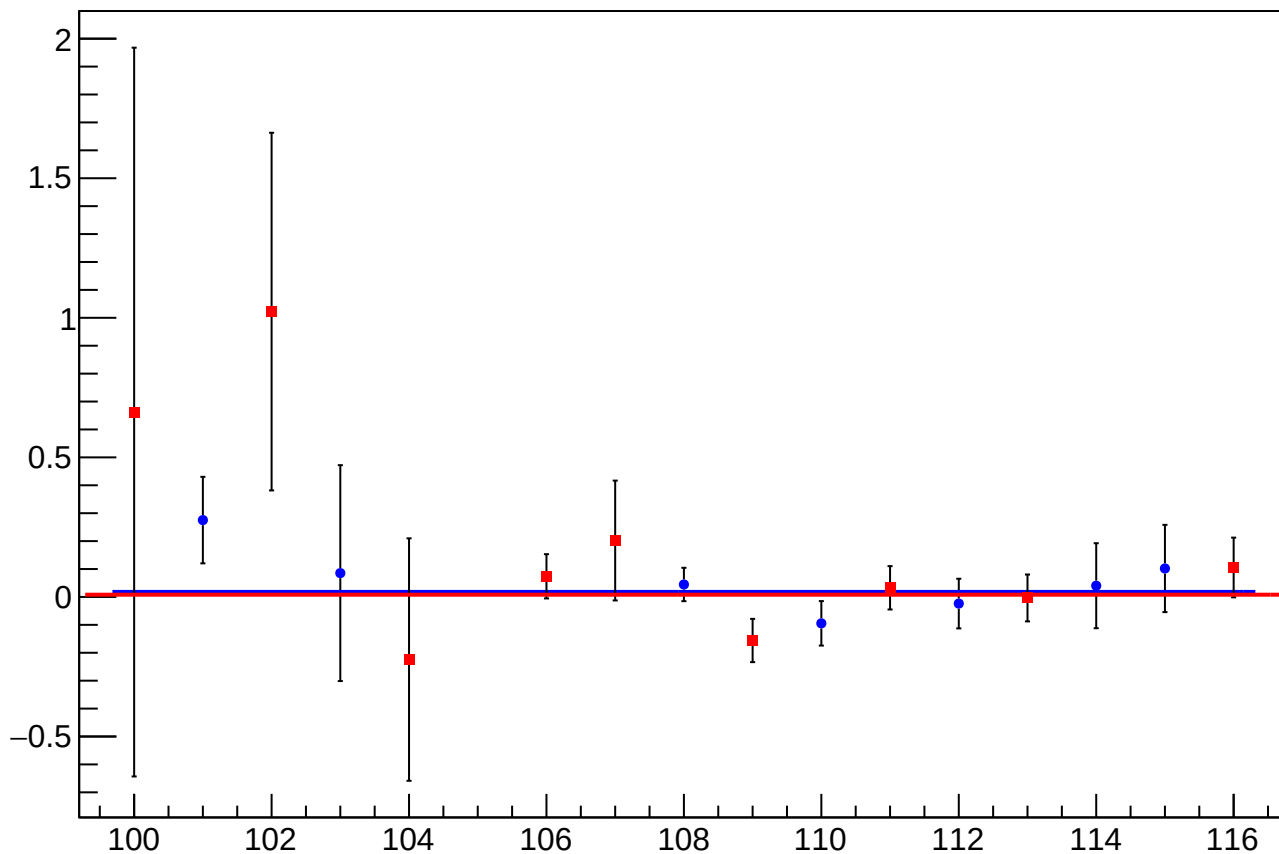
Right: 52.466+/-0.019 χ^2/NDF : 2888504.6/15

In: 52.099+/-0.027 χ^2/NDF : 1321552.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.466+/-0.019 χ^2/NDF : 2888504.6/15

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.038 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.037 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

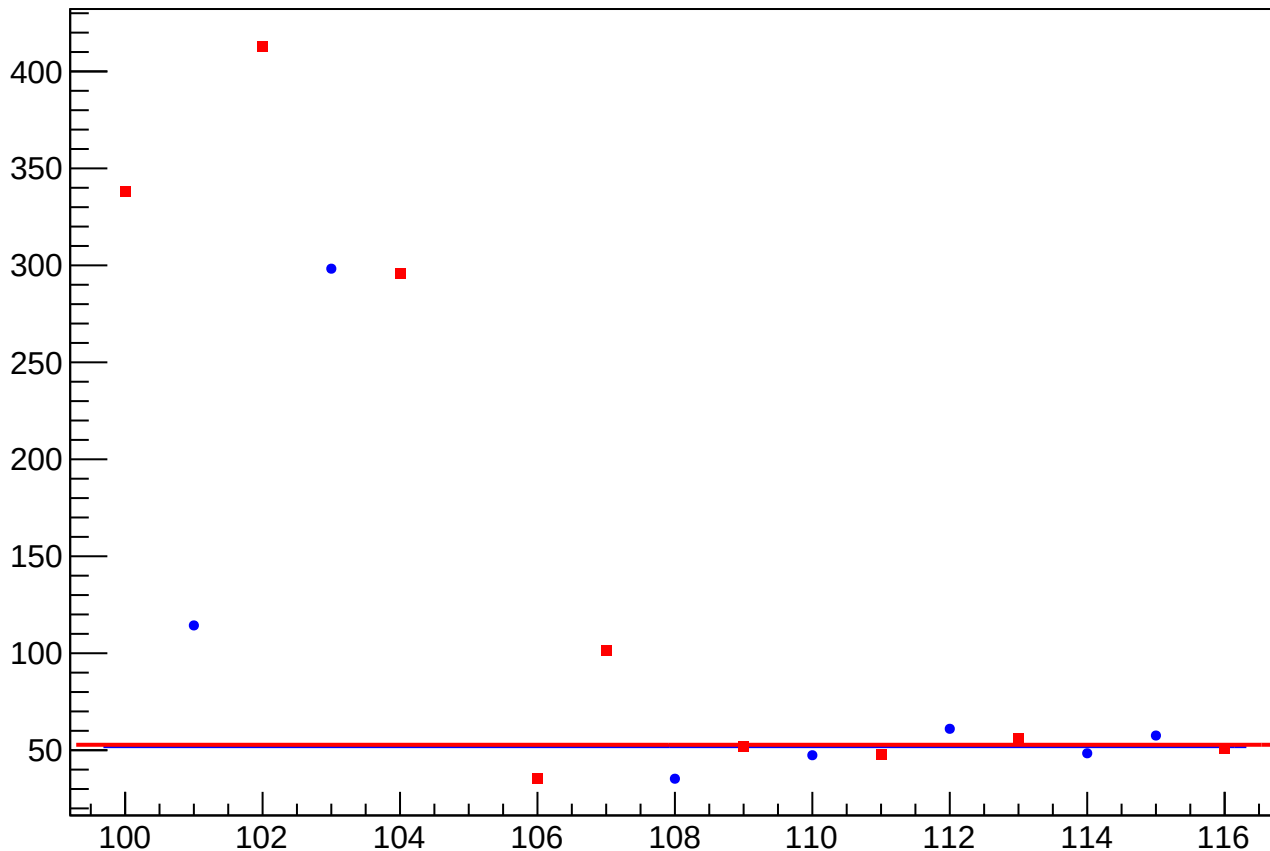
Right: 0.013+/-0.026 χ^2/NDF : 15.5/15

In: 0.018+/-0.038 χ^2/NDF :5.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.026 χ^2/NDF : 15.5/15

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.099+/-0.027 χ^2/NDF : 1321552.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.807+/-0.026 χ^2/NDF : 1566590.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

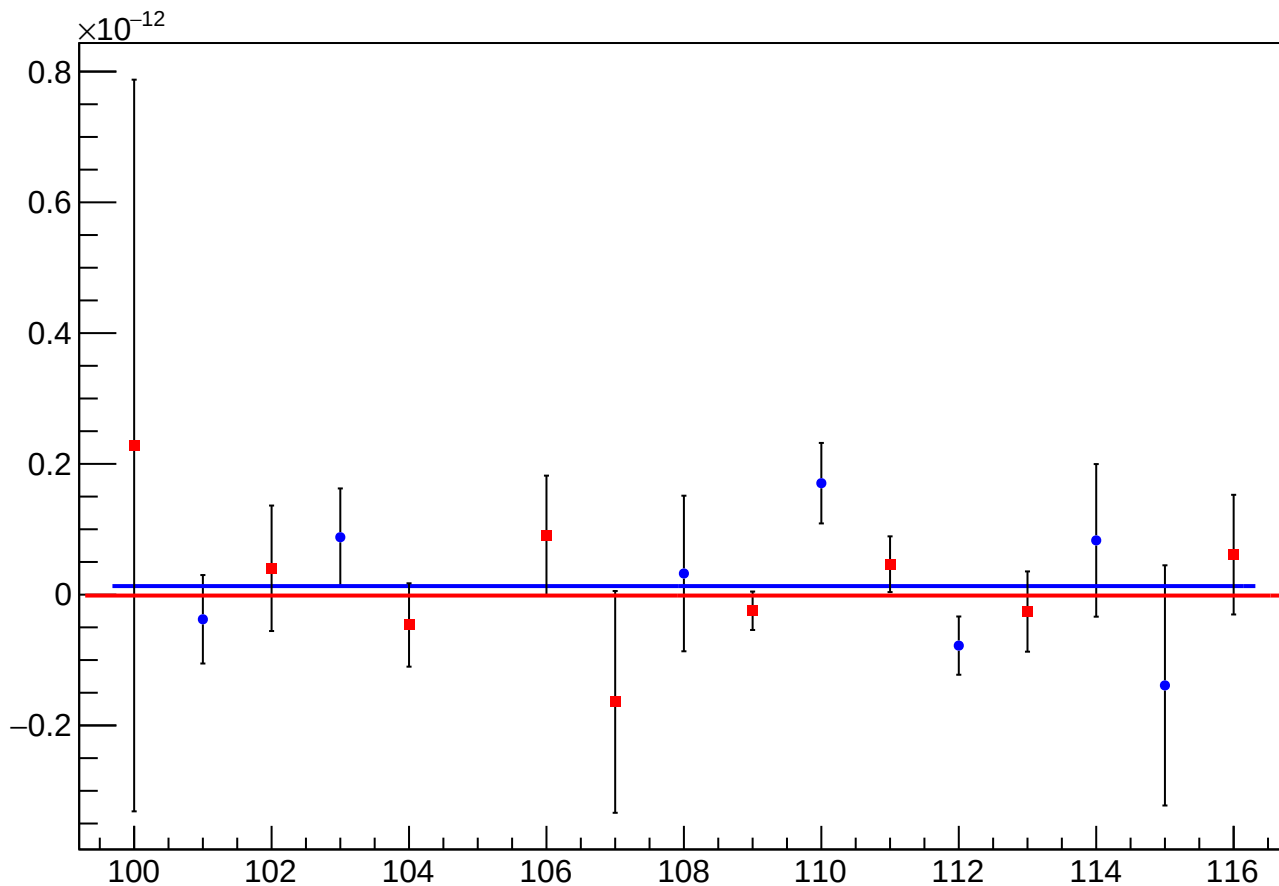
Right: 52.466+/-0.019 χ^2/NDF : 2888504.6/15

In: 52.099+/-0.027 χ^2/NDF : 1321552.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.466+/-0.019 χ^2/NDF : 2888504.6/15

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 : 13.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

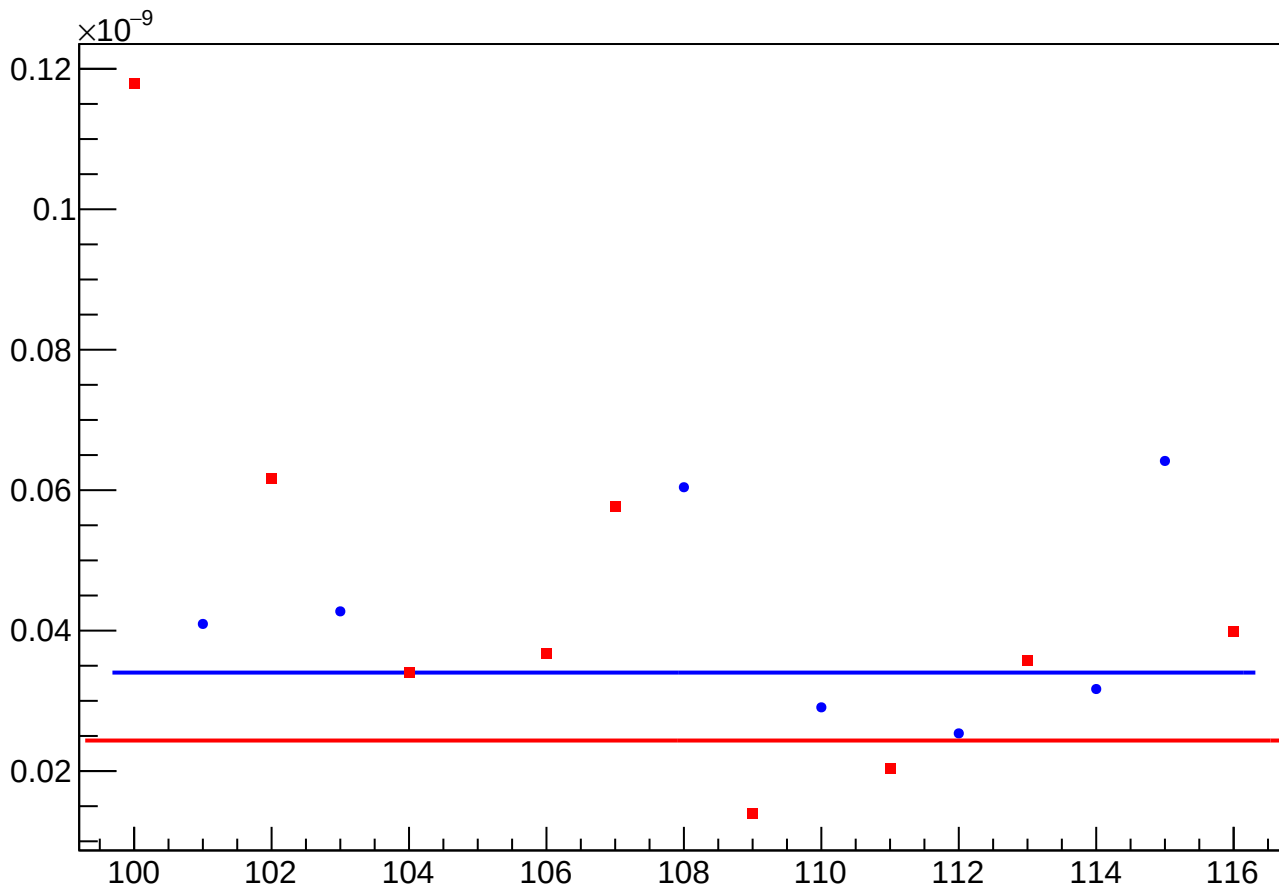
Right: 0.000+/-0.000 χ^2/NDF : 18.8/15

In: 0.000+/-0.000 χ^2/NDF : 13.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.8/15

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 : 289857.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 912289.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

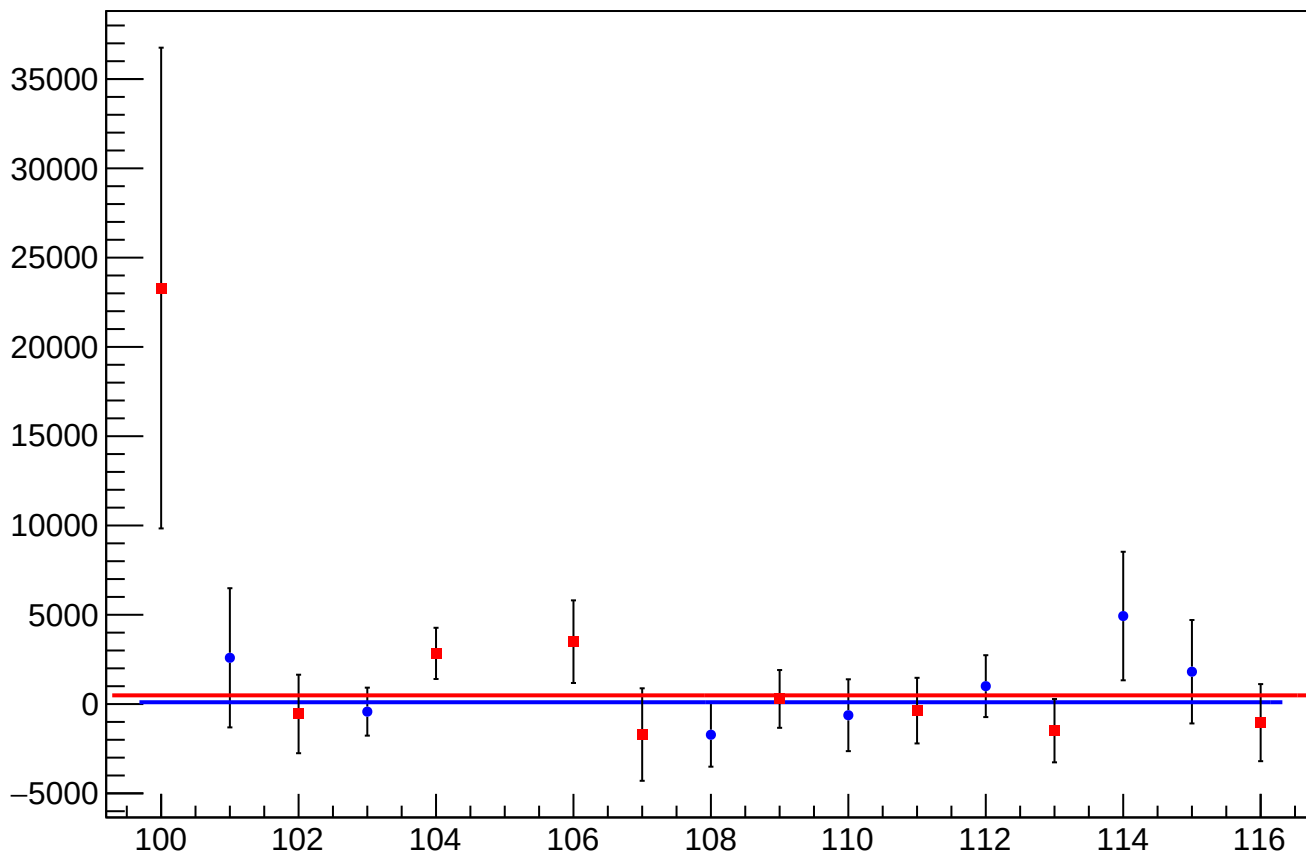
Right: 0.000+/-0.000 χ^2/NDF : 1367780.7/15

In: 0.000+/-0.000 χ^2/NDF : 289857.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1367780.7/15

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 102.034+/-764.870 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.784+/-667.301 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

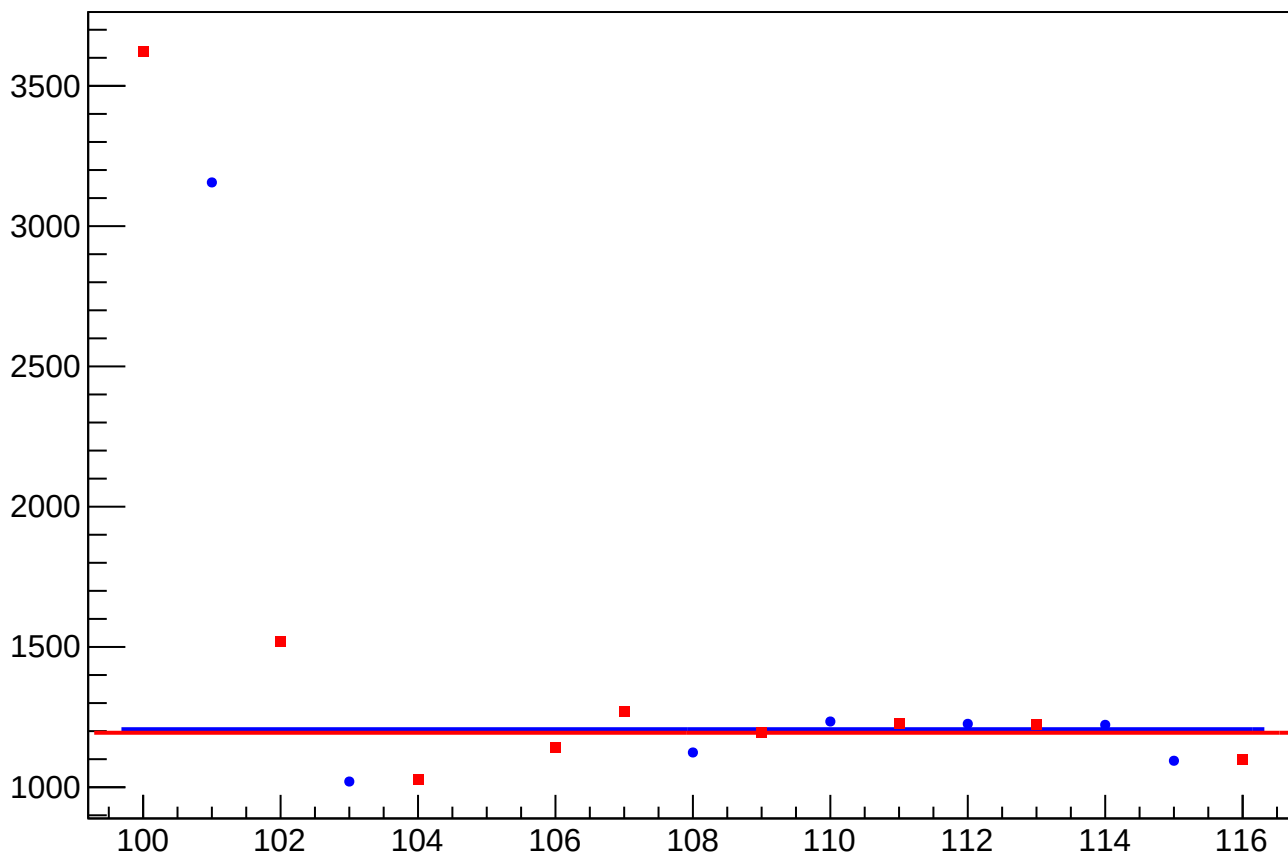
Right: 321.068+/-502.833 χ^2/NDF : 14.5/15

In: 102.034+/-764.870 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.068+/-502.833 χ^2/NDF : 14.5/15

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1206.861+/-0.541 χ^2/NDF : 546748.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1194.195+/-0.472 χ^2/NDF : 144253.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

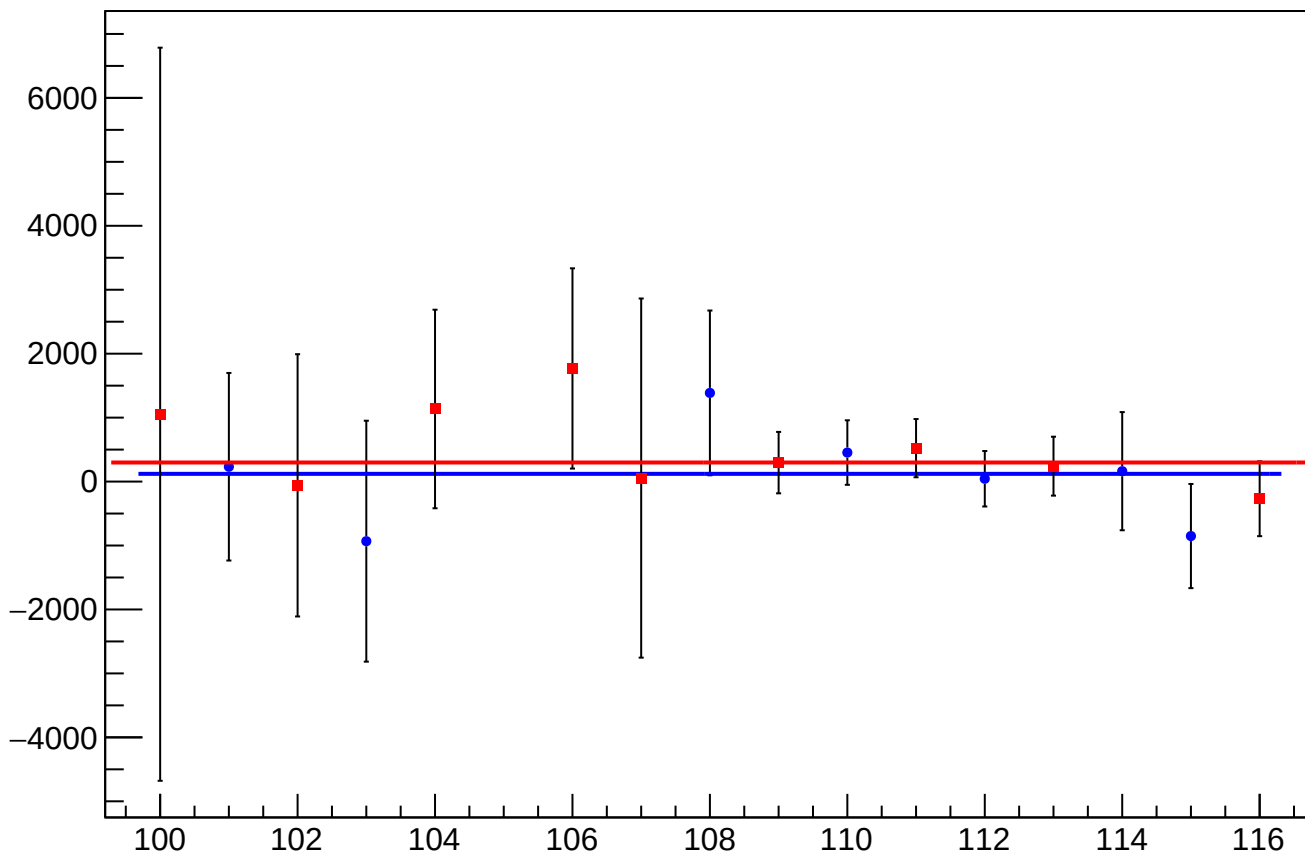
Right: 1199.669+/-0.356 χ^2/NDF : 691313.4/15

In: 1206.861+/-0.541 χ^2/NDF : 546748.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.669+/-0.356 χ^2/NDF : 691313.4/15

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 120.823+/-274.468 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.453+/-235.647 χ^2/NDF : 2.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

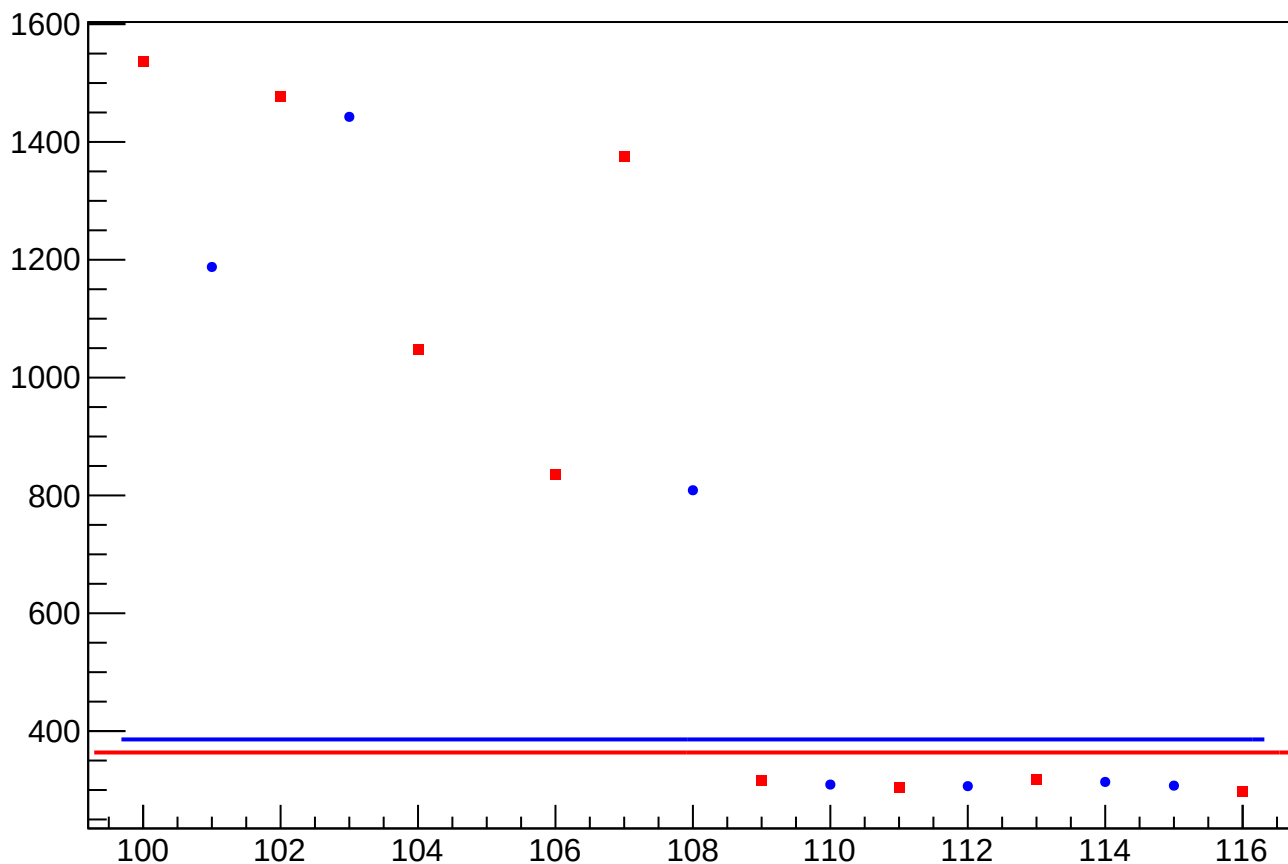
Right: 223.078+/-178.792 χ^2/NDF : 5.8/15

In: 120.823+/-274.468 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.078+/-178.792 χ^2/NDF : 5.8/15

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 385.845+/-0.194 χ^2/NDF : 1586666.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.677+/-0.167 χ^2/NDF : 1604188.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

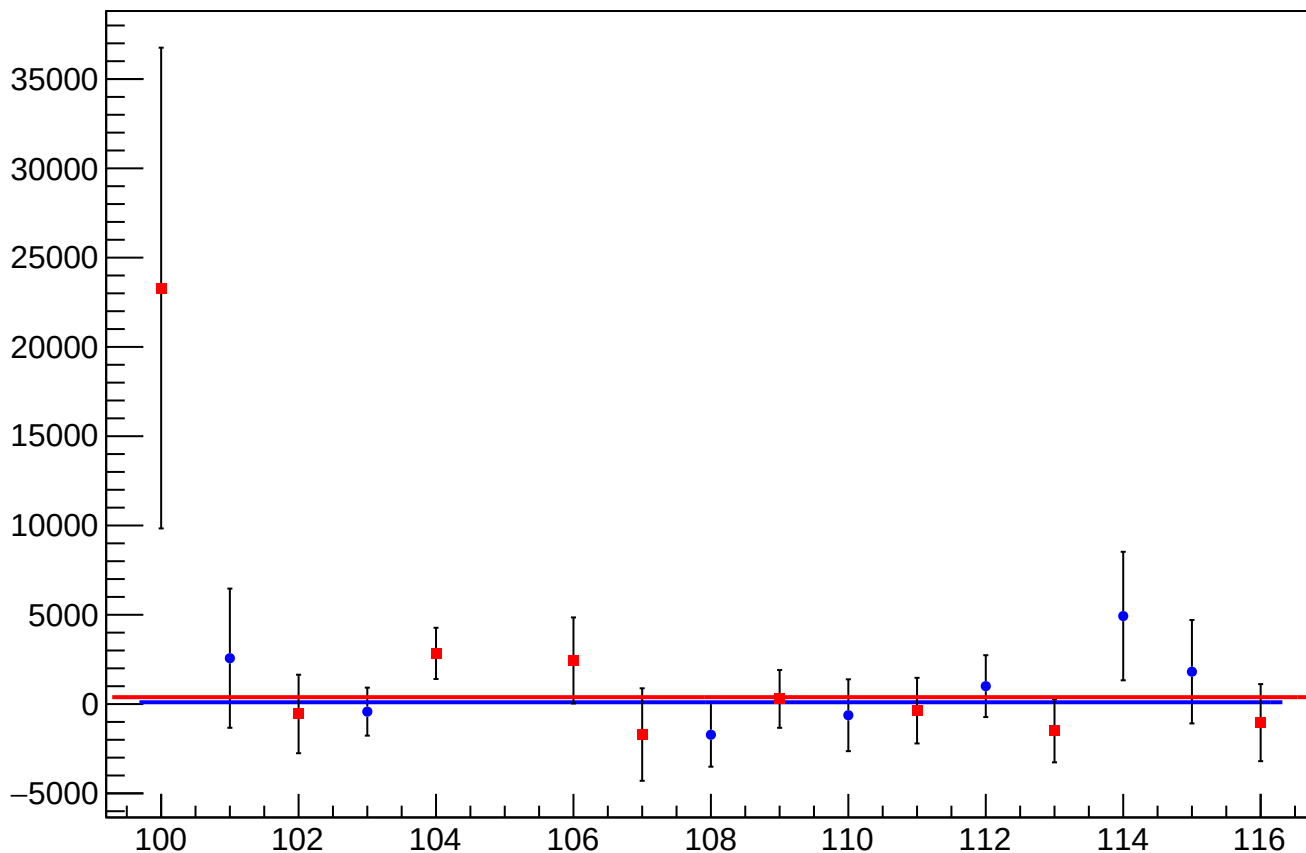
Right: 373.084+/-0.126 χ^2/NDF : 3198365.6/15

In: 385.845+/-0.194 χ^2/NDF : 1586666.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.084+/-0.126 χ^2/NDF : 3198365.6/15

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 101.034+/-764.870 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.184+/-669.452 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

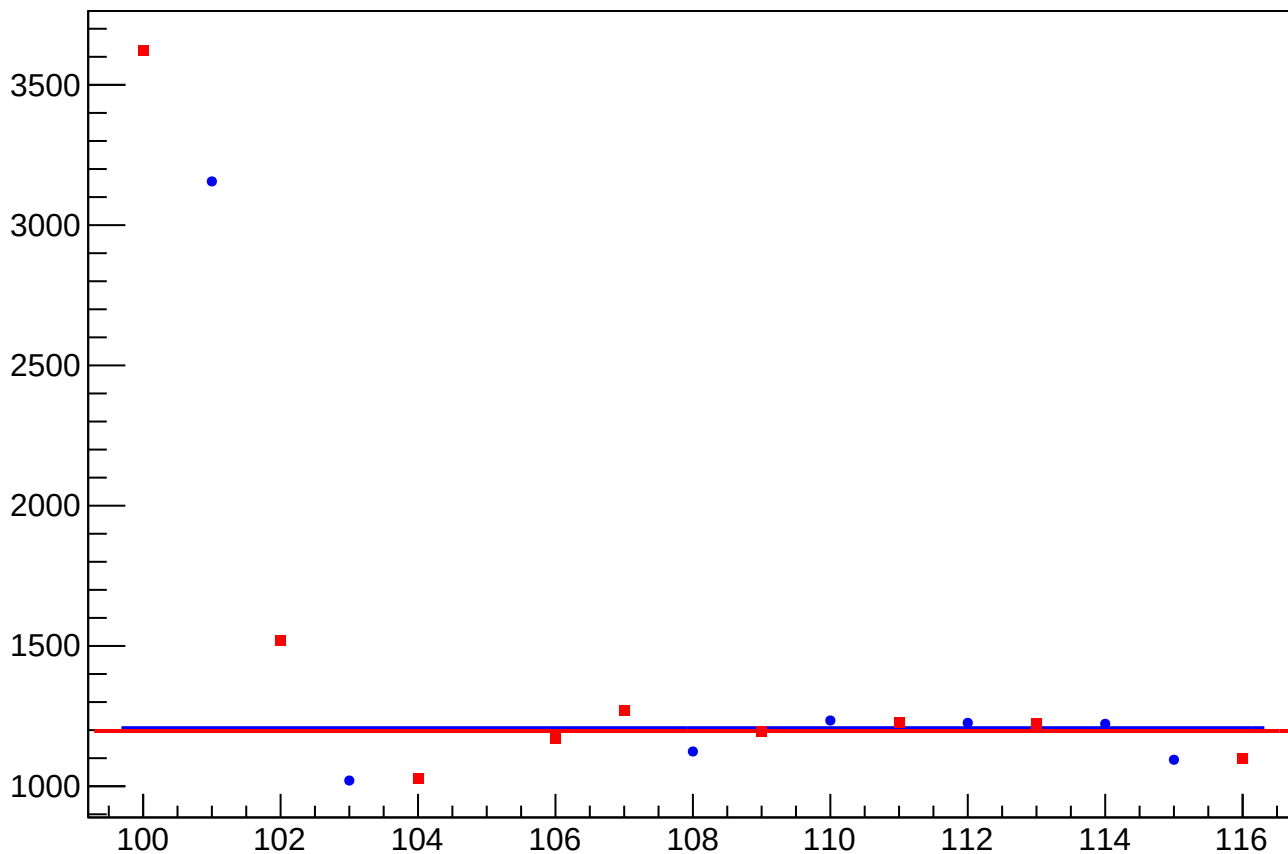
Right: 263.061+/-503.752 χ^2/NDF : 13.3/15

In: 101.034+/-764.870 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.061+/-503.752 χ^2/NDF : 13.3/15

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1206.860+/-0.541 χ^2/NDF : 546750.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1196.964+/-0.473 χ^2/NDF : 143311.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

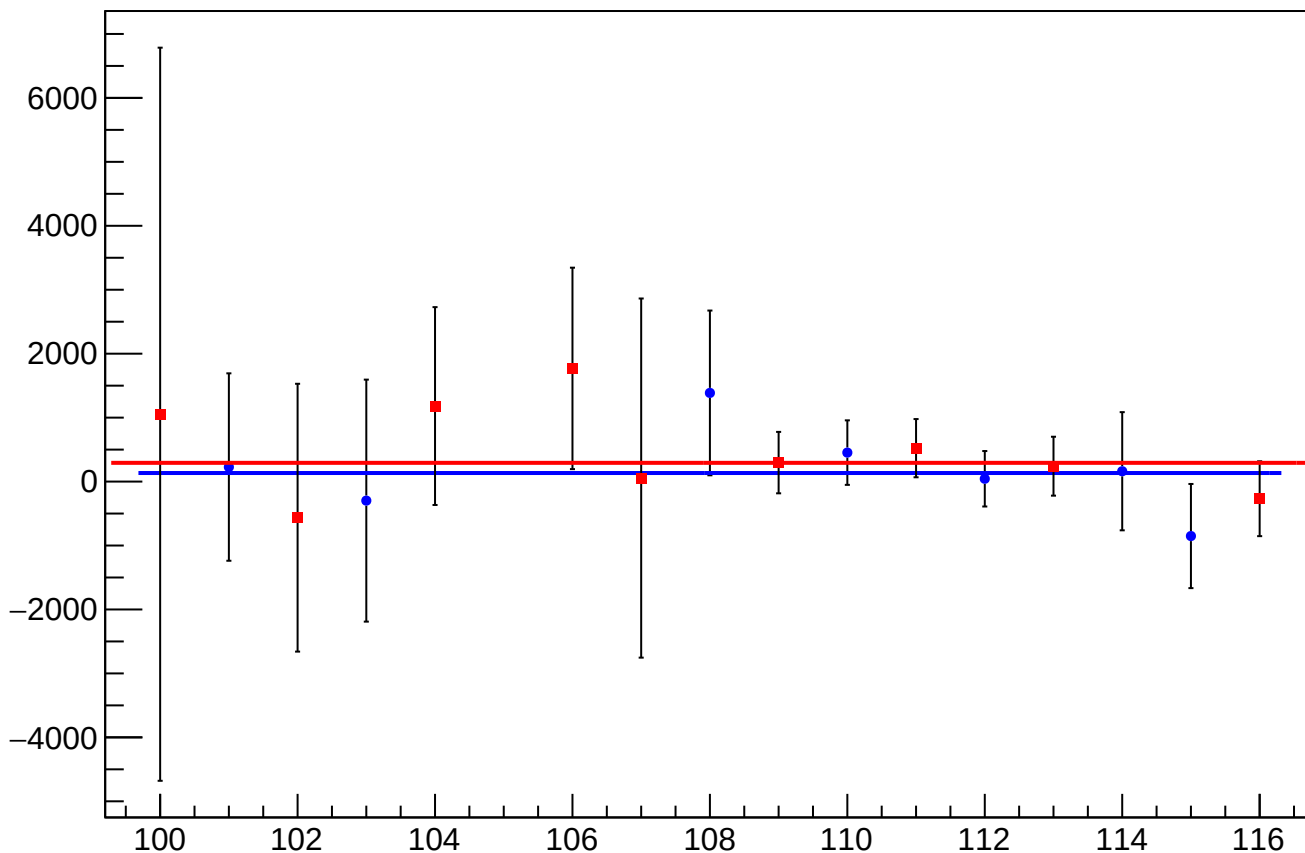
Right: 1201.257+/-0.356 χ^2/NDF : 690251.4/15

In: 1206.860+/-0.541 χ^2/NDF : 546750.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.257+/-0.356 χ^2/NDF : 690251.4/15

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 133.854+/-274.482 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.035+/-235.731 χ^2/NDF : 2.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

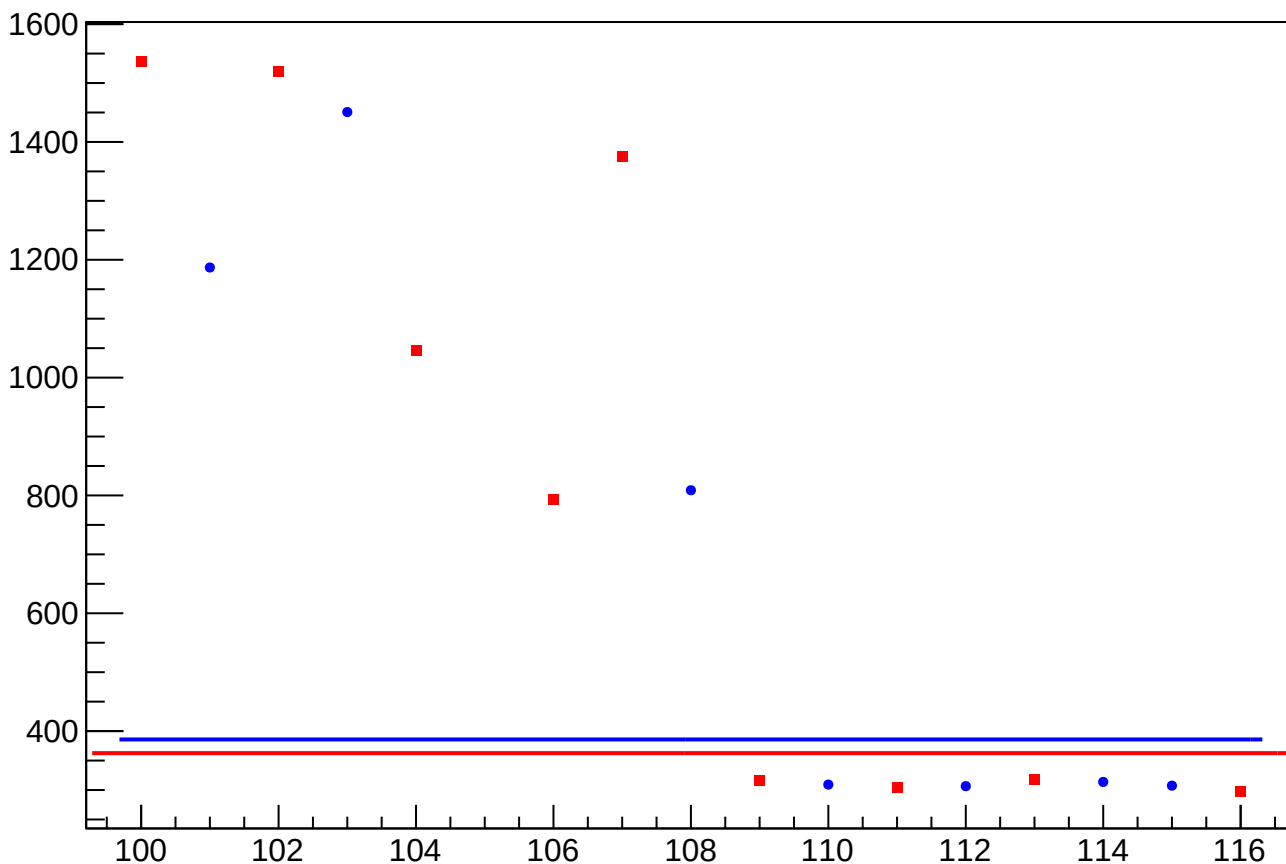
Right: 225.465+/-178.832 χ^2/NDF : 5.7/15

In: 133.854+/-274.482 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.465+/-178.832 χ^2/NDF : 5.7/15

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 385.822+/-0.194 χ^2/NDF : 1590320.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 362.609+/-0.167 χ^2/NDF : 1590516.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

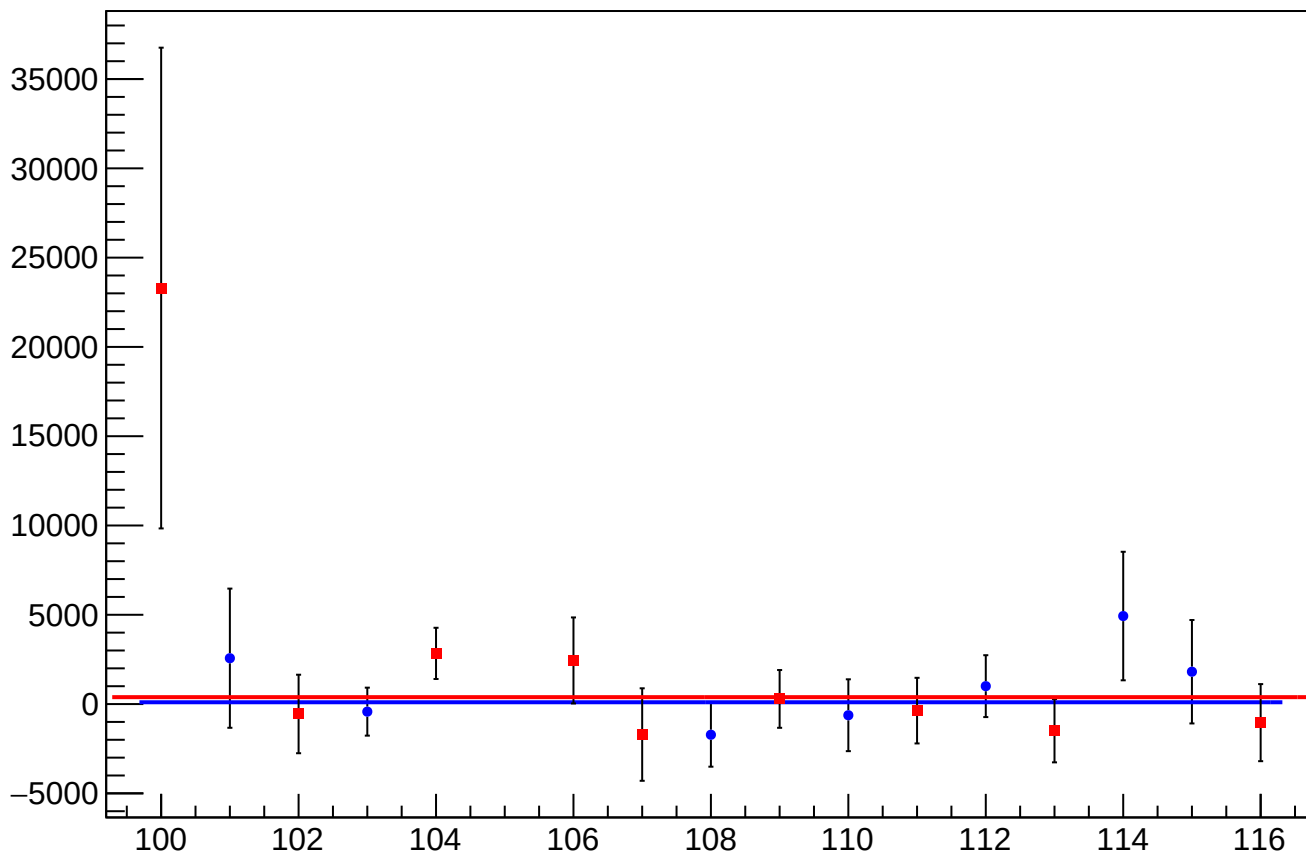
Right: 372.462+/-0.126 χ^2/NDF : 3189068.8/15

In: 385.822+/-0.194 χ^2/NDF : 1590320.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.462+/-0.126 χ^2/NDF : 3189068.8/15

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 101.034+/-764.870 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.184+/-669.452 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

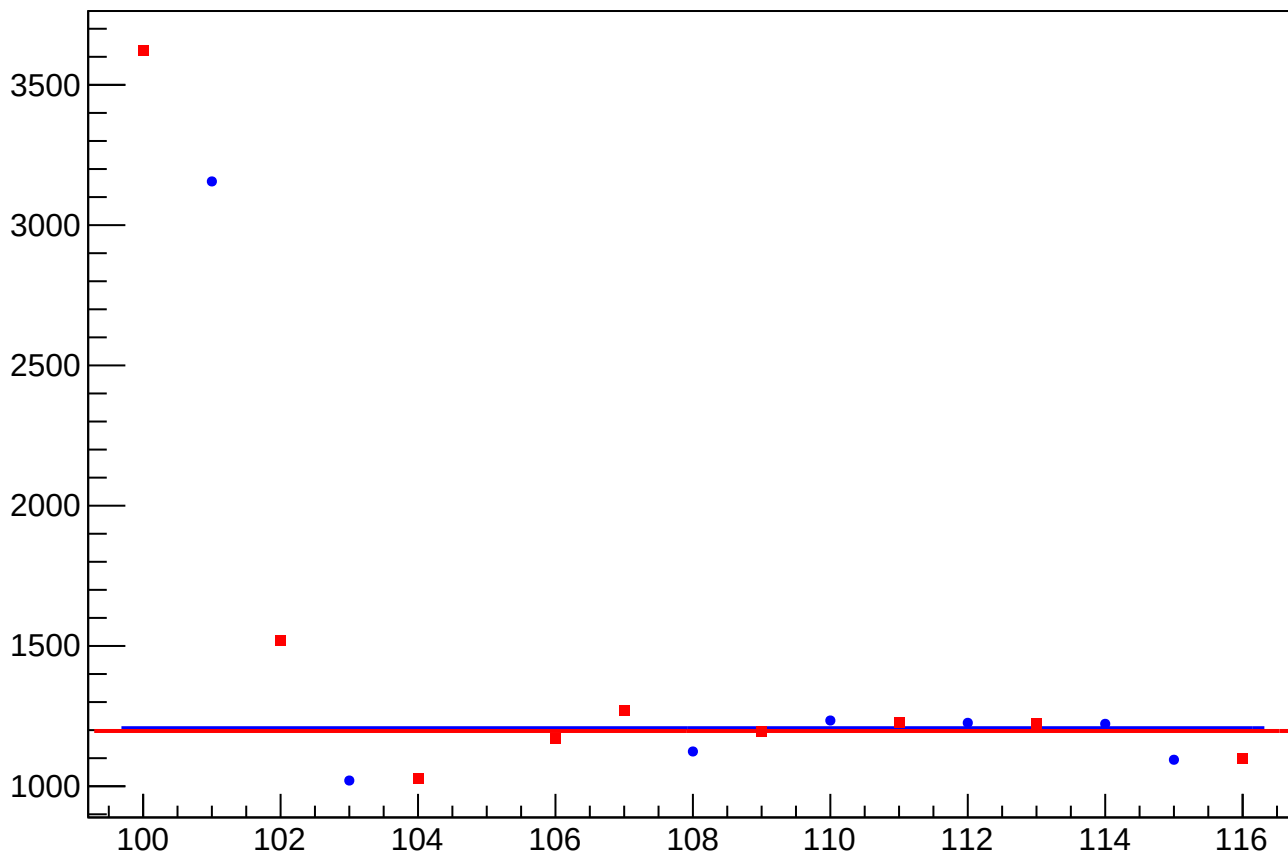
Right: 263.061+/-503.752 χ^2/NDF : 13.3/15

In: 101.034+/-764.870 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.061+/-503.752 χ^2/NDF : 13.3/15

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1206.860+/-0.541 χ^2/NDF : 546750.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1196.964+/-0.473 χ^2/NDF : 143311.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

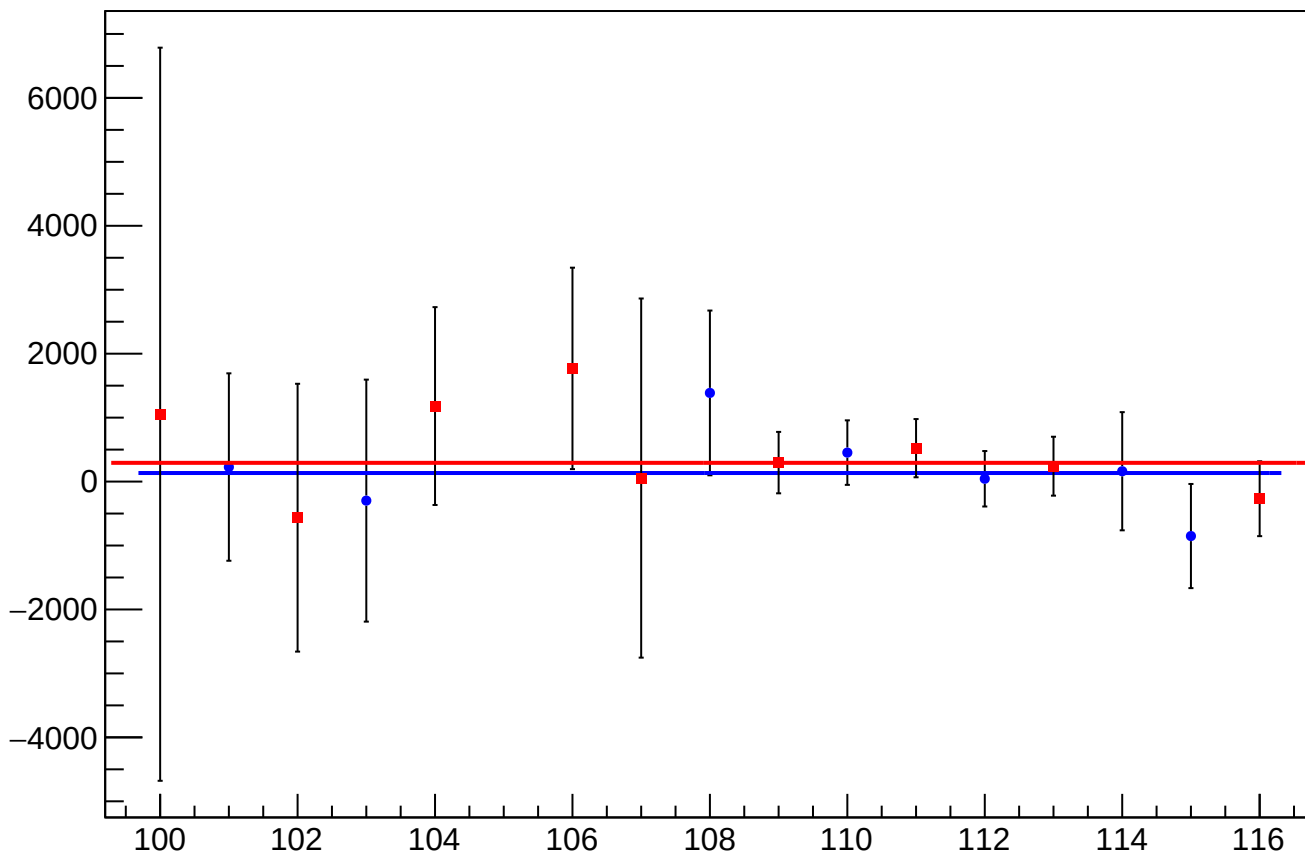
Right: 1201.257+/-0.356 χ^2/NDF : 690251.4/15

In: 1206.860+/-0.541 χ^2/NDF : 546750.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.257+/-0.356 χ^2/NDF : 690251.4/15

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 133.854+/-274.482 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.035+/-235.731 χ^2/NDF : 2.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

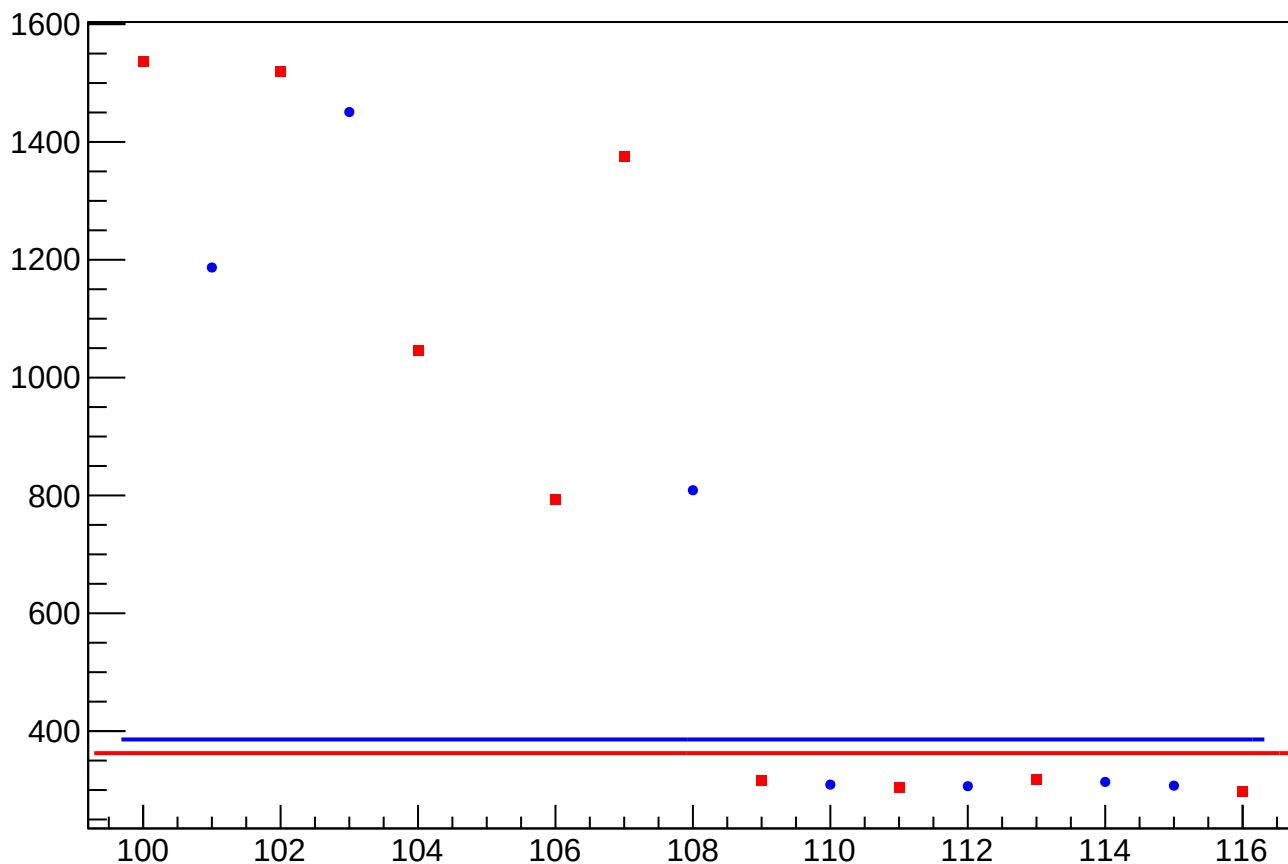
Right: 225.465+/-178.832 χ^2/NDF : 5.7/15

In: 133.854+/-274.482 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.465+/-178.832 χ^2/NDF : 5.7/15

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 385.822+/-0.194 χ^2/NDF : 1590320.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 362.609+/-0.167 χ^2/NDF : 1590516.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

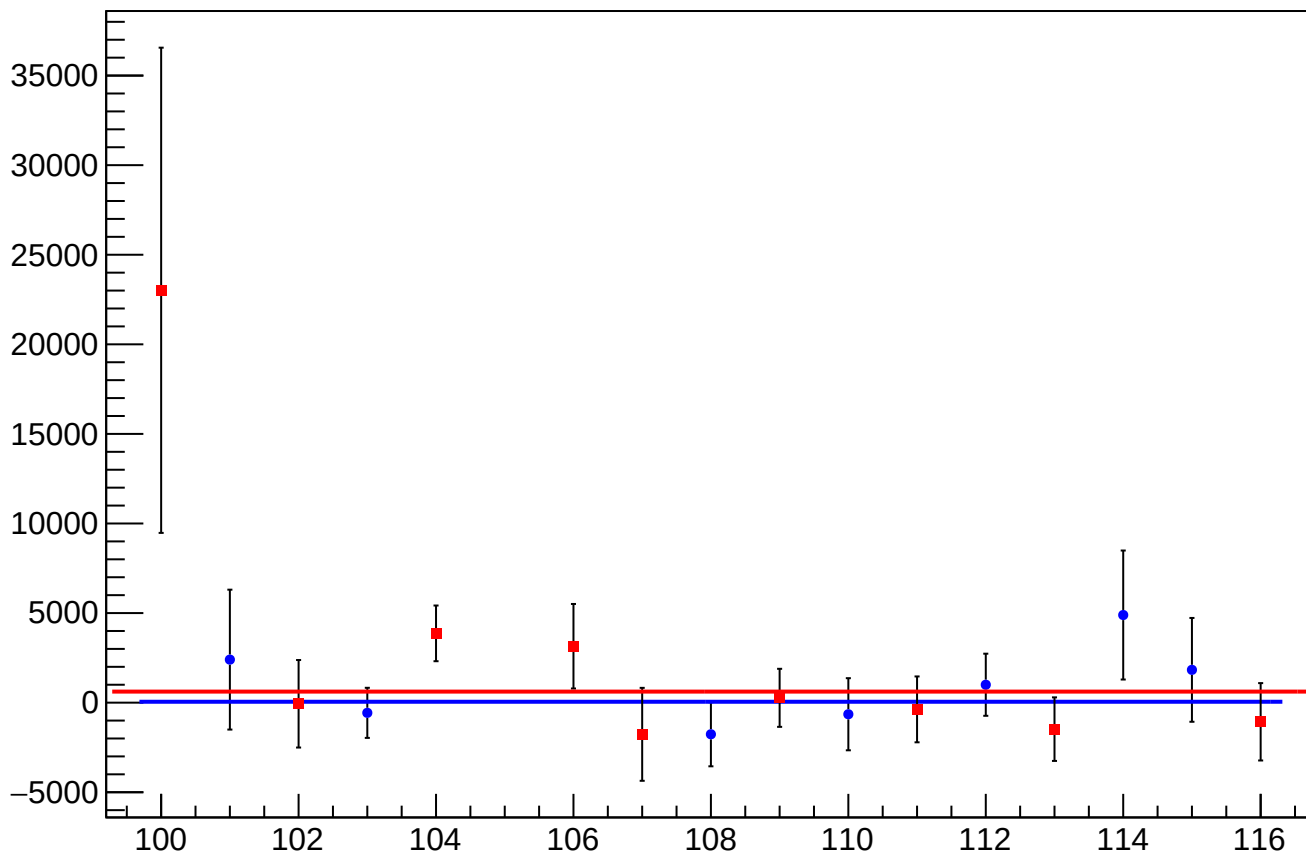
Right: 372.462+/-0.126 χ^2/NDF : 3189068.8/15

In: 385.822+/-0.194 χ^2/NDF : 1590320.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.462+/-0.126 χ^2/NDF : 3189068.8/15

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 50.446+/-774.812 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 617.259+/-686.003 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

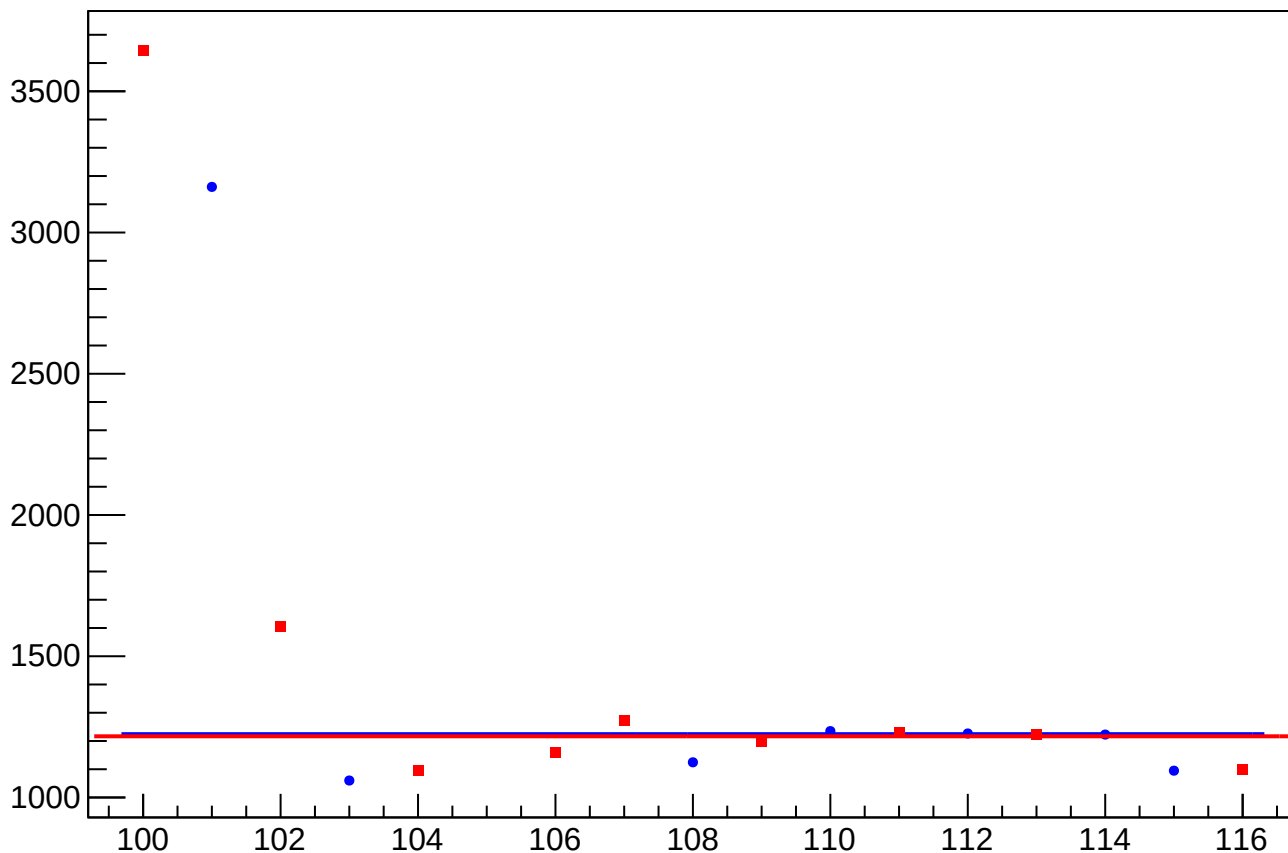
Right: 368.185+/-513.619 χ^2/NDF : 16.0/15

In: 50.446+/-774.812 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.185+/-513.619 χ^2/NDF : 16.0/15

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1224.140+/-0.548 χ^2/NDF : 530301.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1216.566+/-0.485 χ^2/NDF : 135950.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

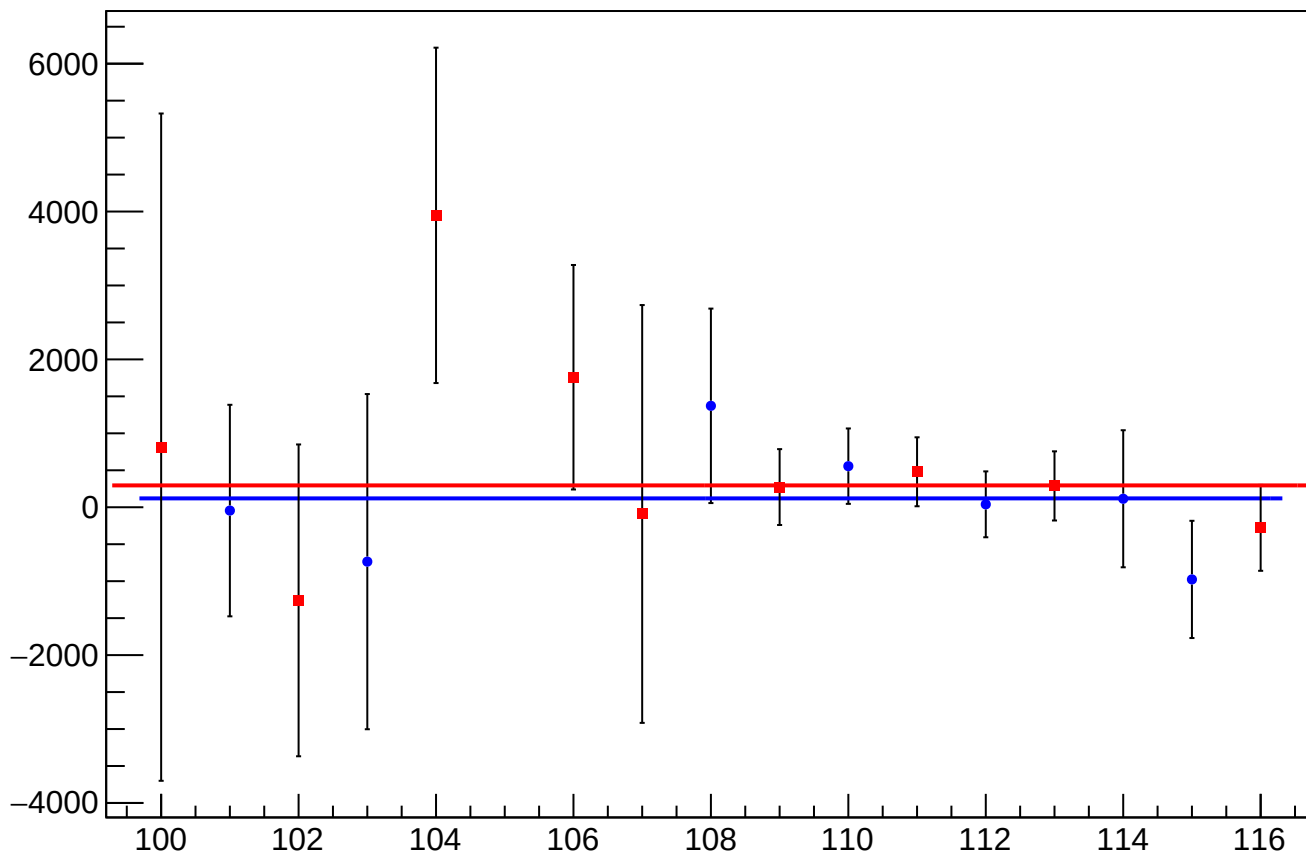
Right: 1219.894+/-0.363 χ^2/NDF : 666358.3/15

In: 1224.140+/-0.548 χ^2/NDF : 530301.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.894+/-0.363 χ^2/NDF : 666358.3/15

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 119.853+/-278.451 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 295.545+/-242.857 χ^2/NDF : 5.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

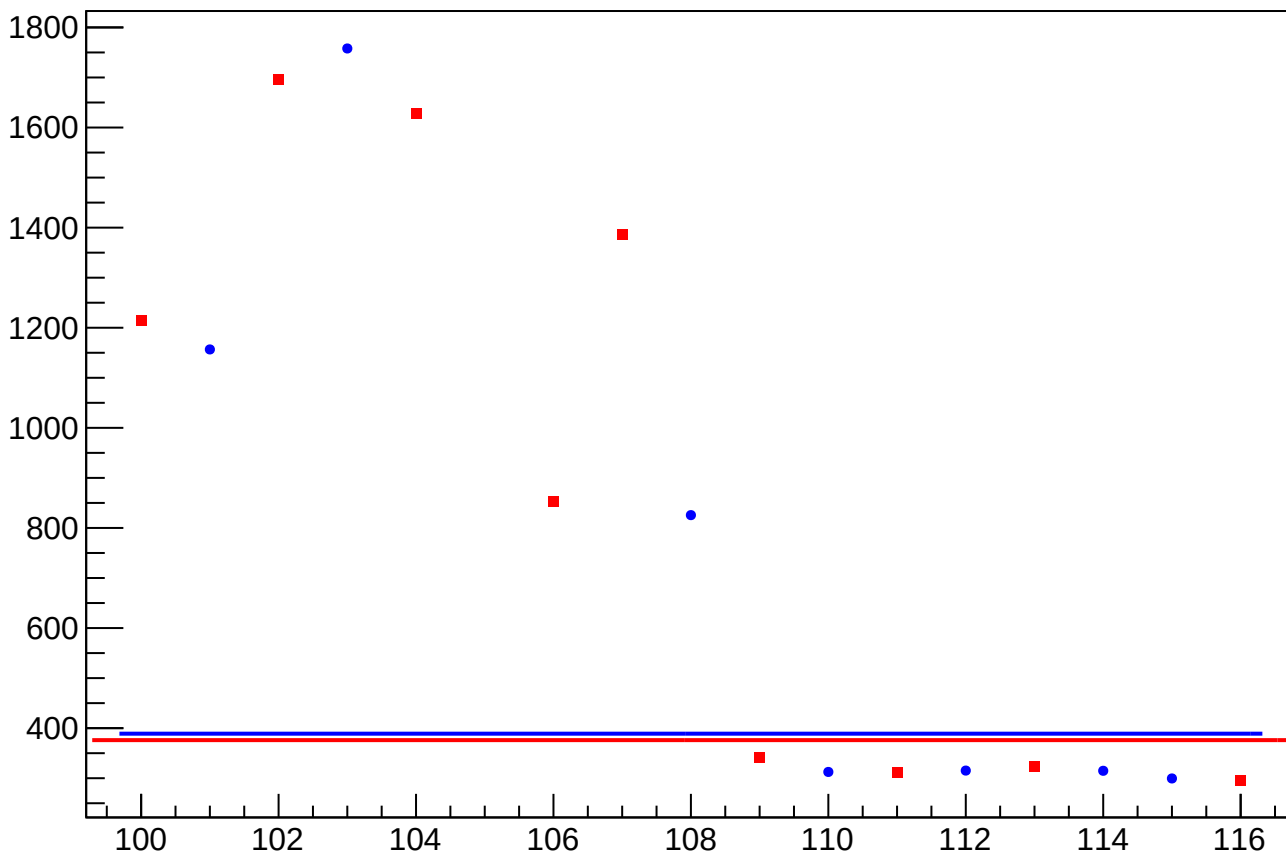
Right: 219.639+/-183.025 χ^2/NDF : 9.2/15

In: 119.853+/-278.451 χ^2/NDF :3.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 219.639+/-183.025 χ^2/NDF : 9.2/15

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 388.976+/-0.197 χ^2/NDF : 1663508.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 376.080+/-0.172 χ^2/NDF : 2024779.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

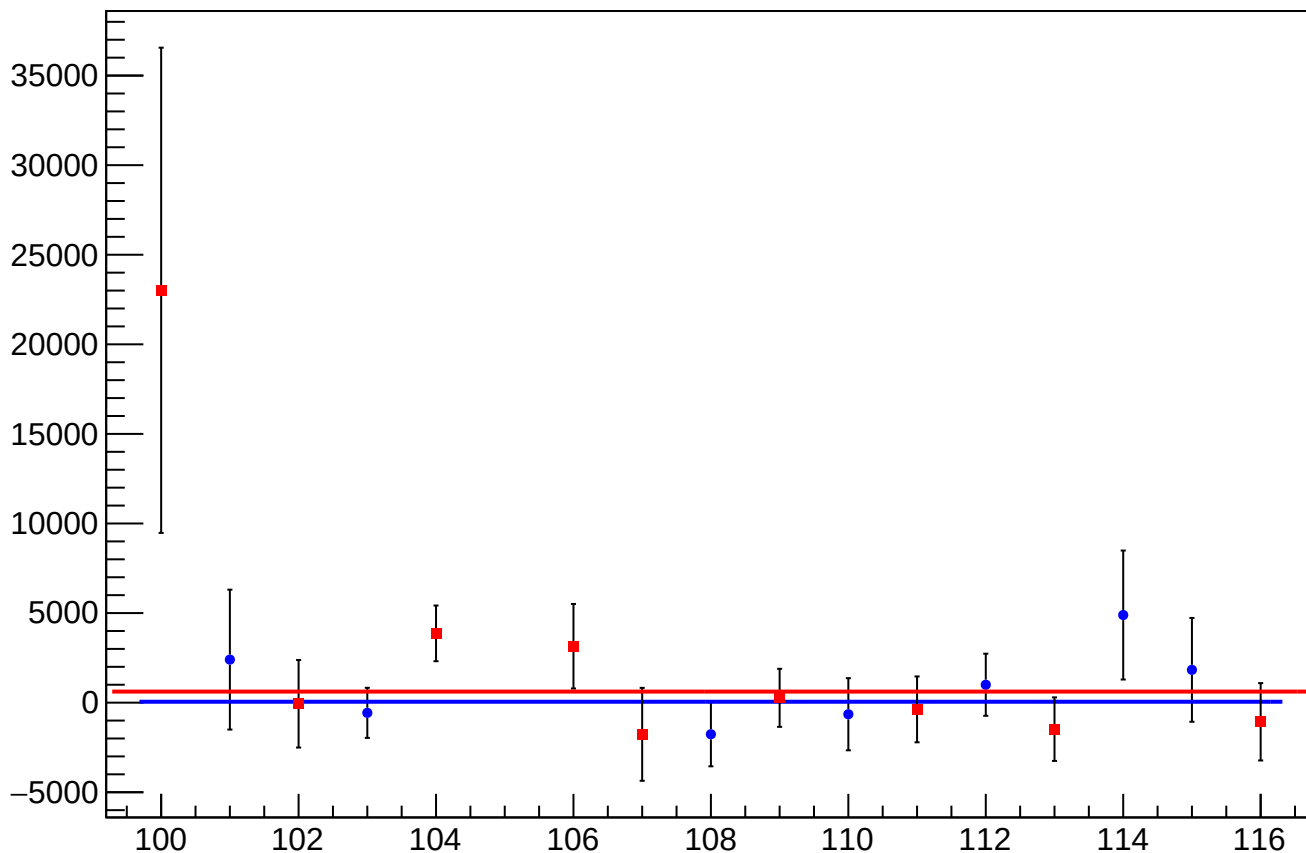
Right: 381.652+/-0.129 χ^2/NDF : 3690724.8/15

In: 388.976+/-0.197 χ^2/NDF :1663508.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.652+/-0.129 χ^2/NDF : 3690724.8/15

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 50.442 $\pm$ 774.812 χ^2 /NDF: 4.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 617.257 $\pm$ 686.003 χ^2 /NDF: 11.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

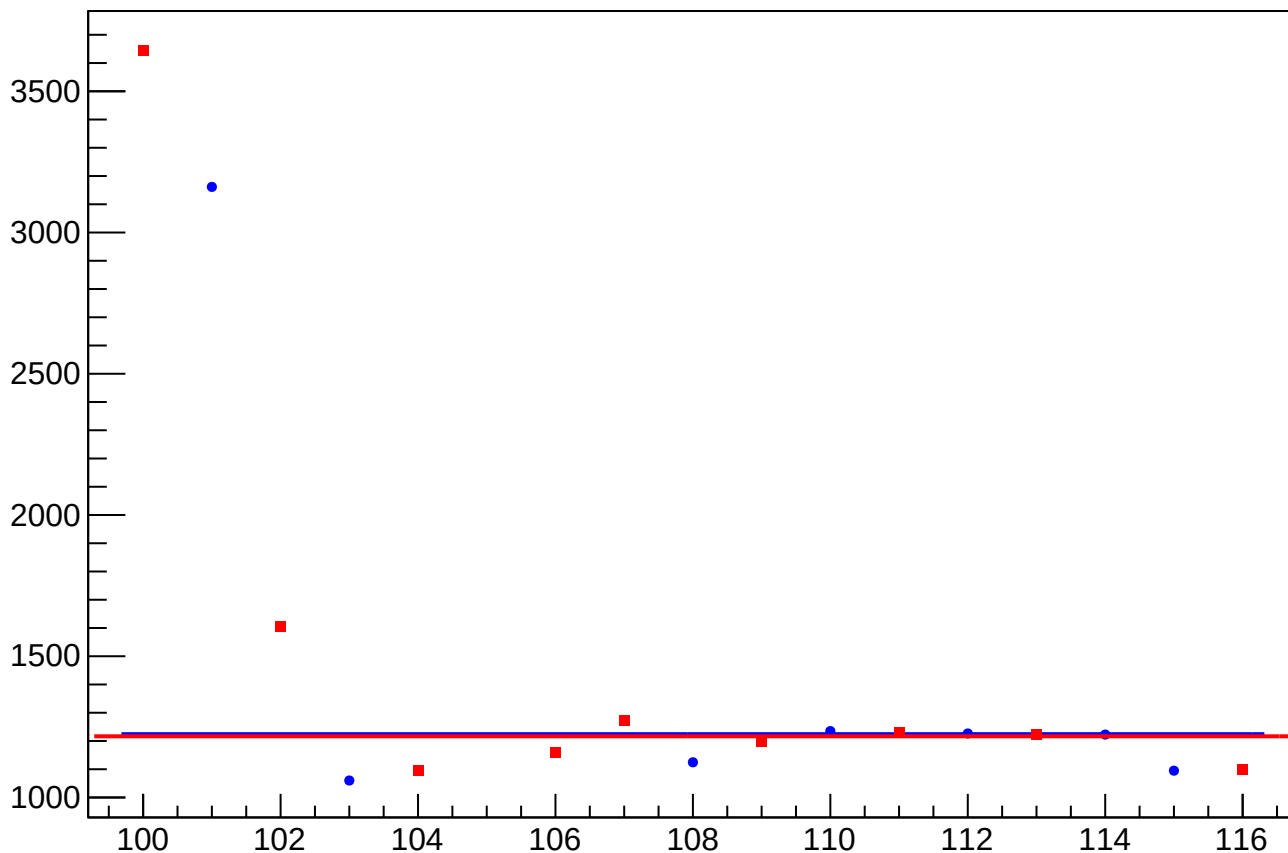
Right: 368.182 $\pm$ 513.619 χ^2 /NDF: 16.0/15

In: 50.442 $\pm$ 774.812 χ^2 /NDF:4.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 368.182 $\pm$ 513.619 χ^2 /NDF: 16.0/15

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1224.140+/-0.548 χ^2/NDF : 530300.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1216.566+/-0.485 χ^2/NDF : 135950.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

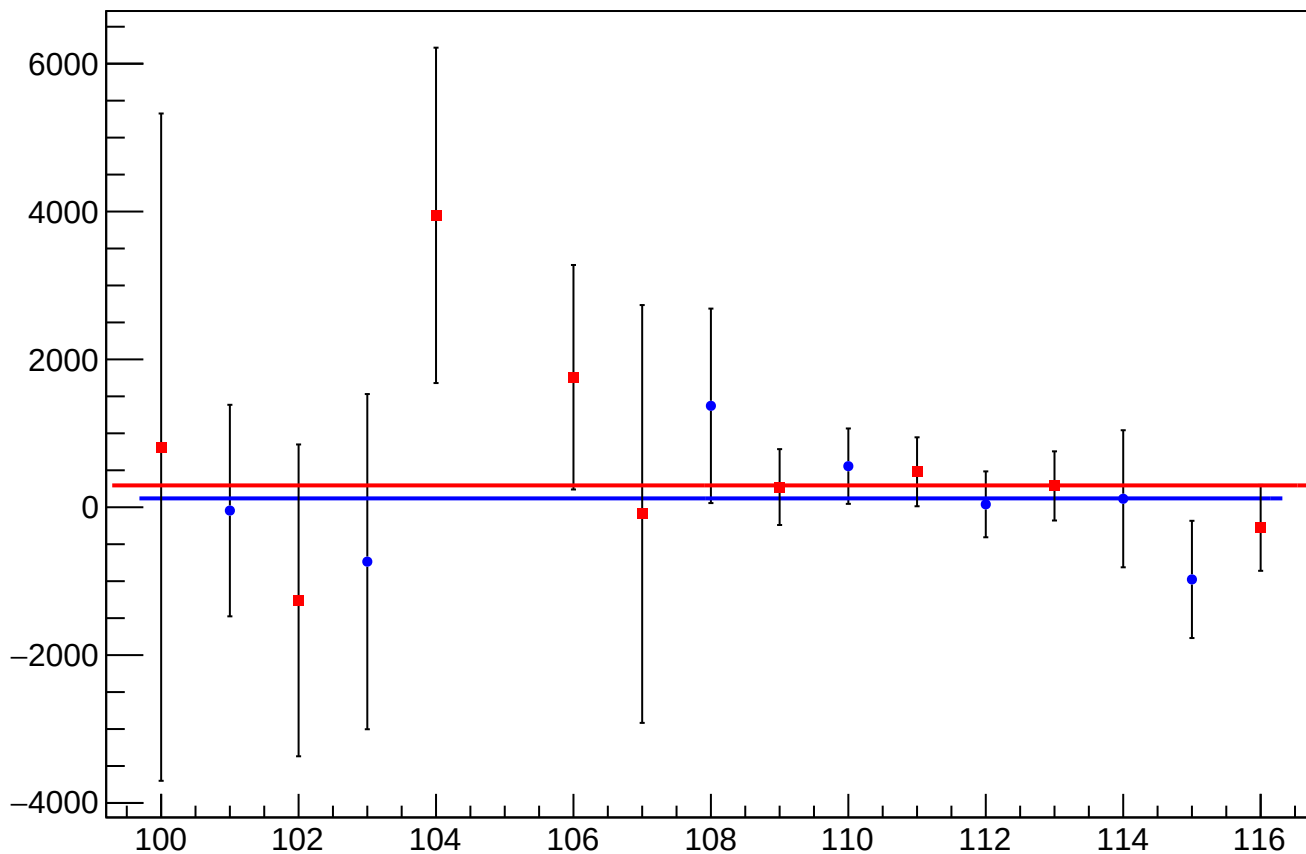
Right: 1219.894+/-0.363 χ^2/NDF : 666358.2/15

In: 1224.140+/-0.548 χ^2/NDF : 530300.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.894+/-0.363 χ^2/NDF : 666358.2/15

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 119.846 $\pm$ 278.450 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 295.541 $\pm$ 242.855 χ^2 /NDF: 5.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

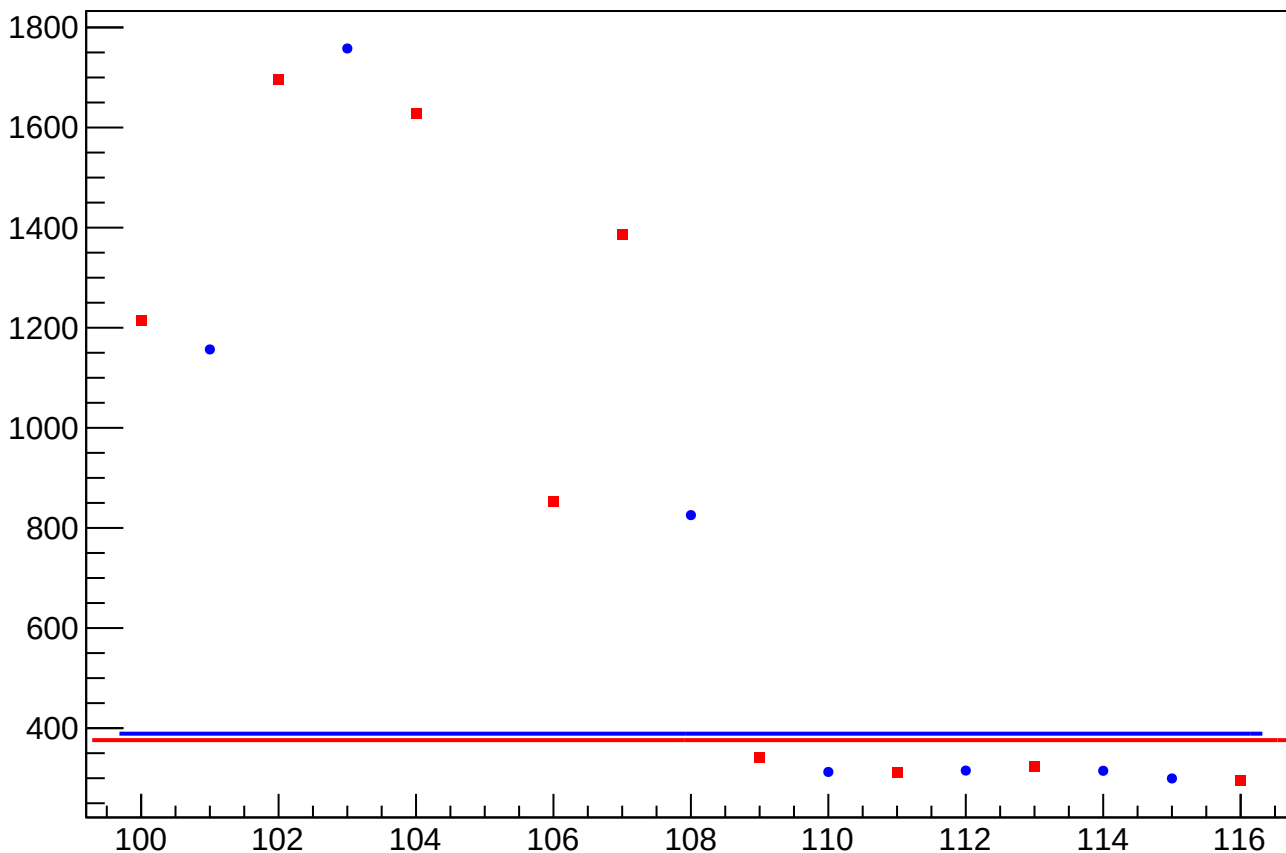
Right: 219.634 $\pm$ 183.024 χ^2 /NDF: 9.2/15

In: 119.846 $\pm$ 278.450 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 219.634 $\pm$ 183.024 χ^2 /NDF: 9.2/15

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 388.974+/-0.197 χ^2/NDF : 1663514.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 376.077+/-0.172 χ^2/NDF : 2024793.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

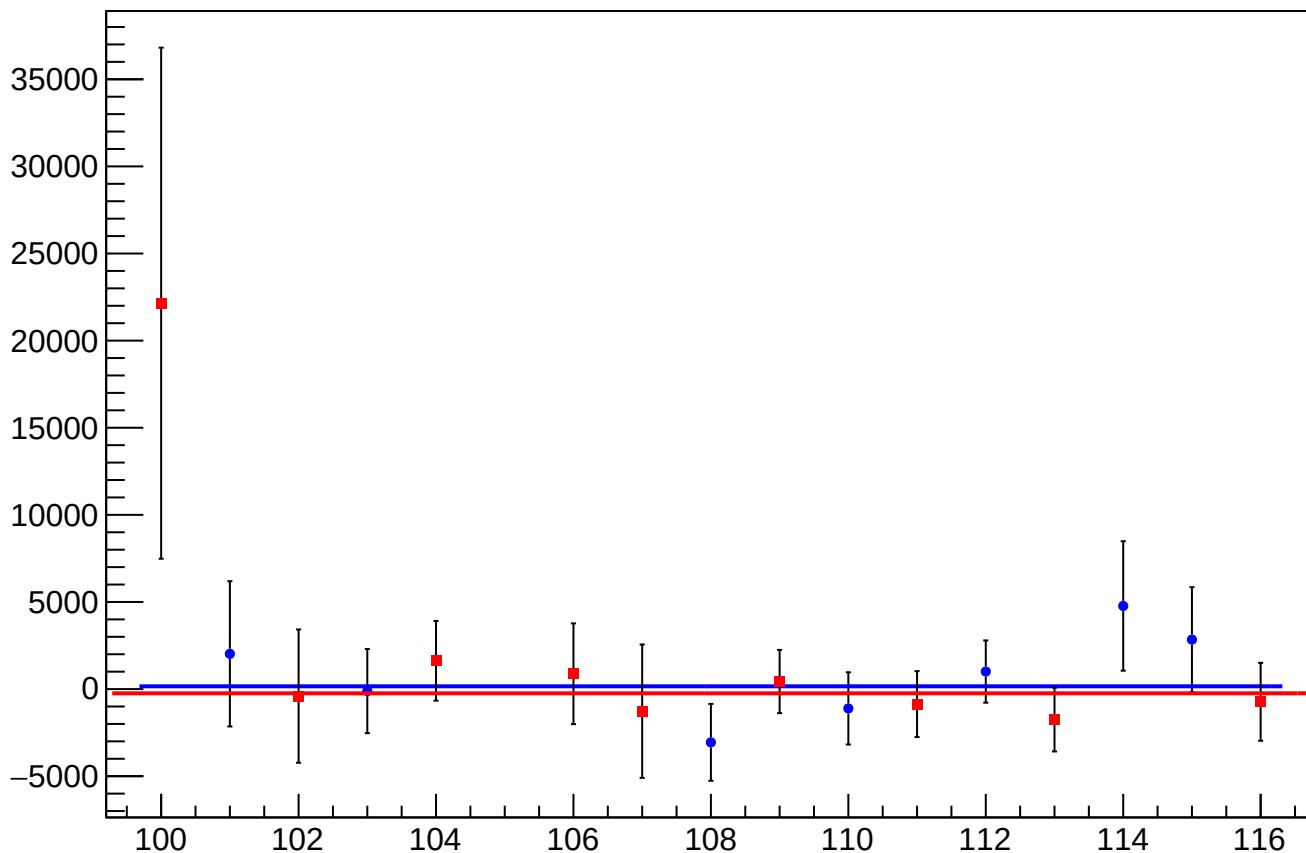
Right: 381.649+/-0.129 χ^2/NDF : 3690744.6/15

In: 388.974+/-0.197 χ^2/NDF :1663514.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.649+/-0.129 χ^2/NDF : 3690744.6/15

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 159.337+/-927.326 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.178+/-807.824 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

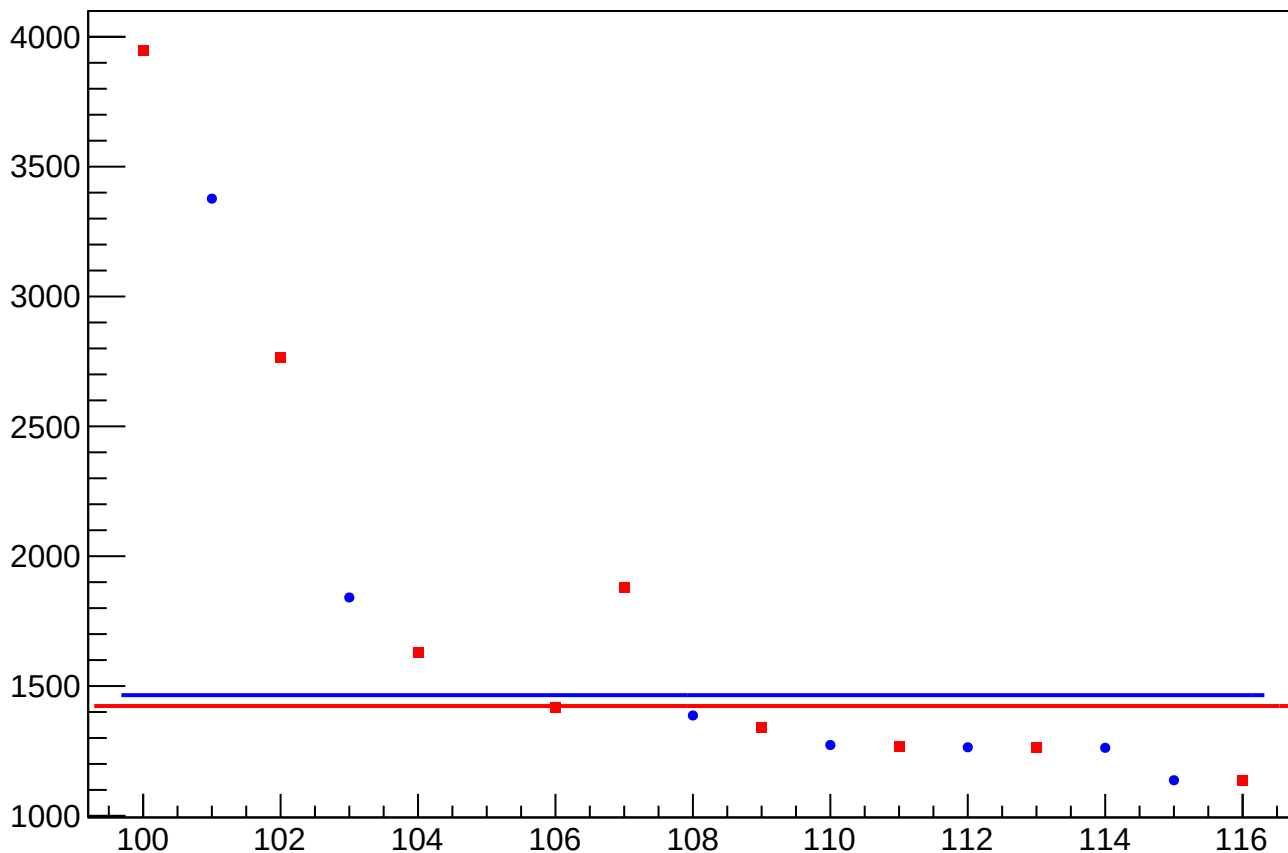
Right: -68.943+/-609.116 χ^2/NDF : 9.6/15

In: 159.337+/-927.326 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.943+/-609.116 χ^2/NDF : 9.6/15

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1464.901+/-0.656 χ^2/NDF : 543730.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.954+/-0.571 χ^2/NDF : 415059.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

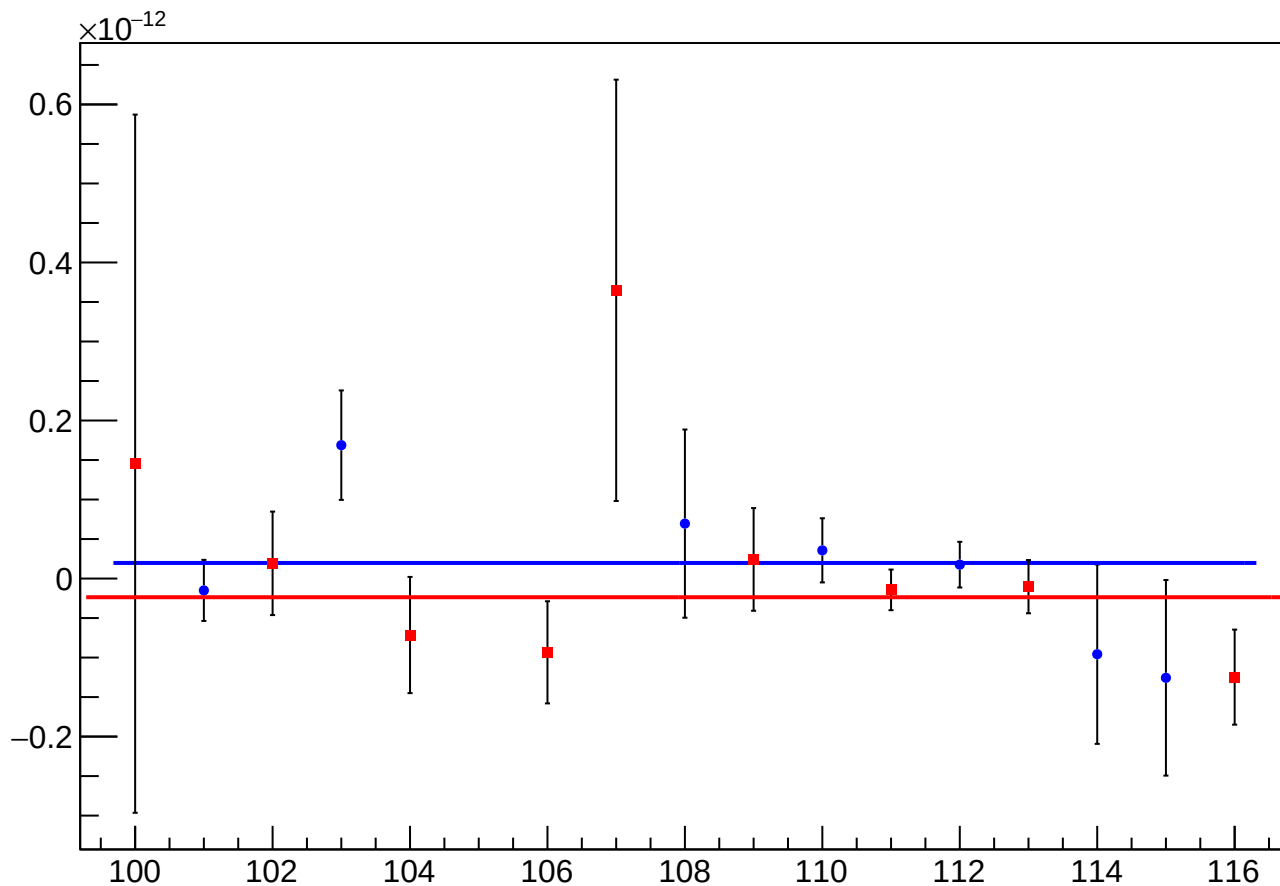
Right: 1441.052+/-0.431 χ^2/NDF : 961116.9/15

In: 1464.901+/-0.656 χ^2/NDF : 543730.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1441.052+/-0.431 χ^2/NDF : 961116.9/15

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

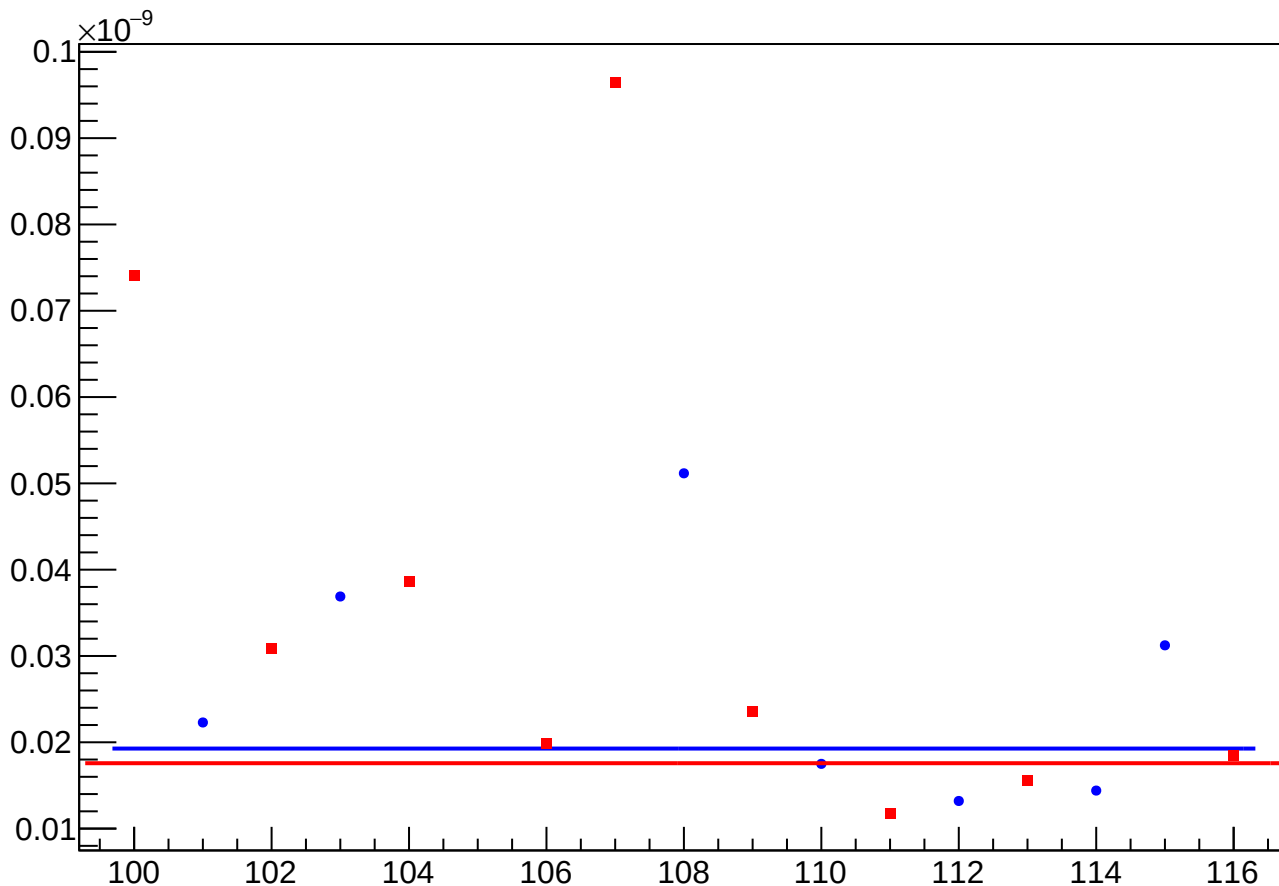
Right: -0.000+/-0.000 χ^2/NDF : 19.1/15

In: 0.000+/-0.000 χ^2/NDF : 8.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/15

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 399611.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 583110.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

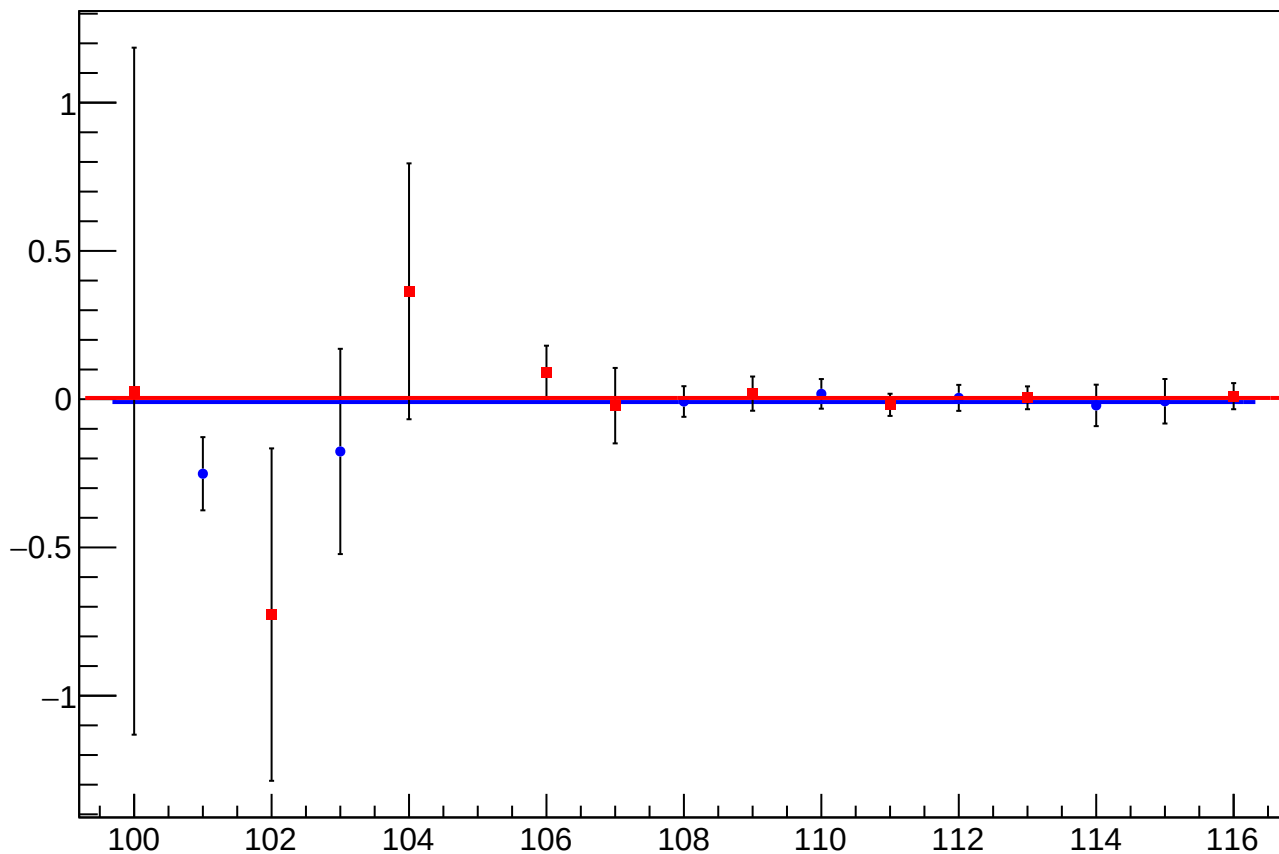
Right: 0.000+/-0.000 χ^2/NDF : 991946.7/15

In: 0.000+/-0.000 χ^2/NDF : 399611.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 991946.7/15

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.024 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 3.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

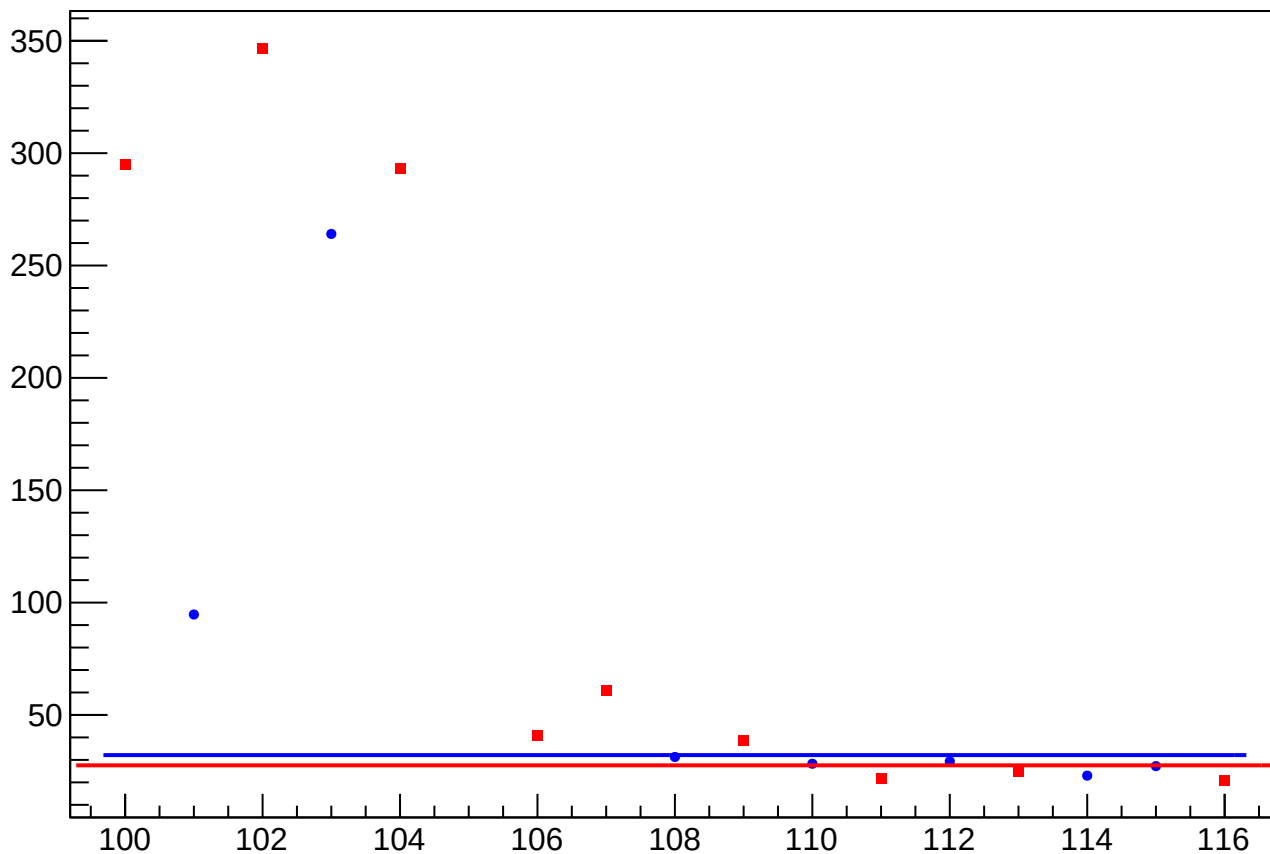
Right: -0.002 $\pm$ 0.016 χ^2 /NDF: 8.5/15

In: -0.010 $\pm$ 0.024 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.016 χ^2 /NDF: 8.5/15

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.143+/-0.017 χ^2/NDF : 1475075.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.582+/-0.014 χ^2/NDF : 1875211.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

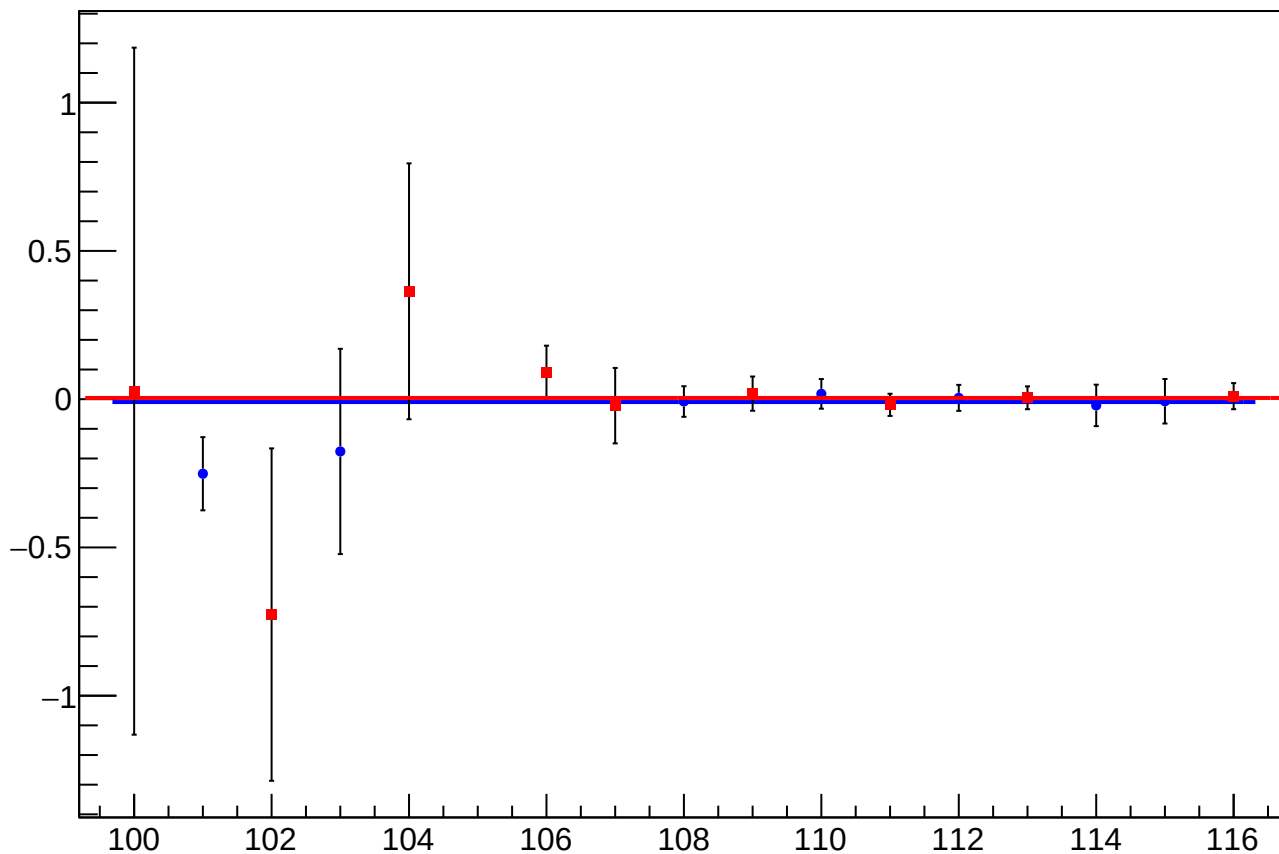
Right: 29.506+/-0.011 χ^2/NDF : 3392421.6/15

In: 32.143+/-0.017 χ^2/NDF : 1475075.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.506+/-0.011 χ^2/NDF : 3392421.6/15

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.024 χ^2/NDF : 4.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.020 χ^2/NDF : 3.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

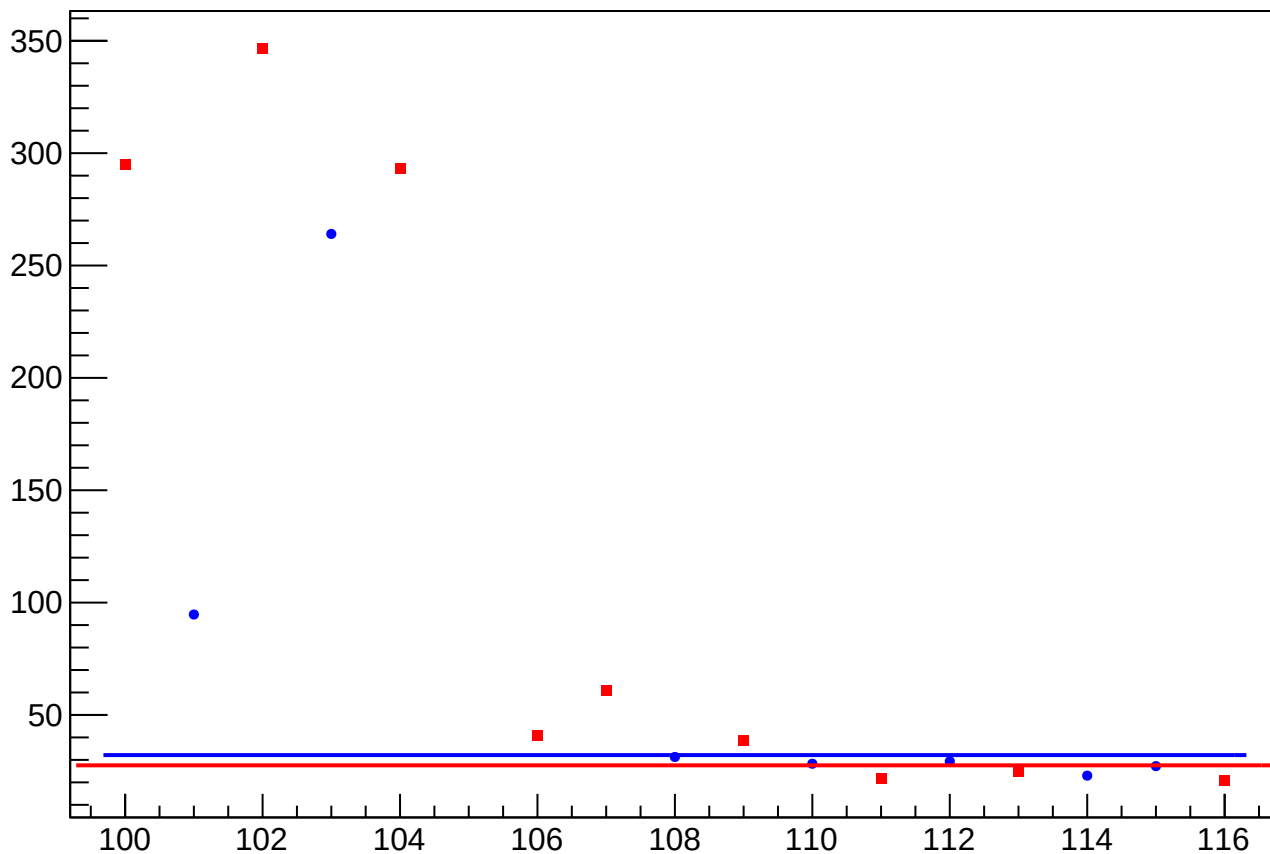
Right: -0.002 ± 0.016 χ^2/NDF : 8.5/15

In: -0.010 ± 0.024 χ^2/NDF : 4.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.016 χ^2/NDF : 8.5/15

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.143+/-0.017 χ^2/NDF : 1475075.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.582+/-0.014 χ^2/NDF : 1875211.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

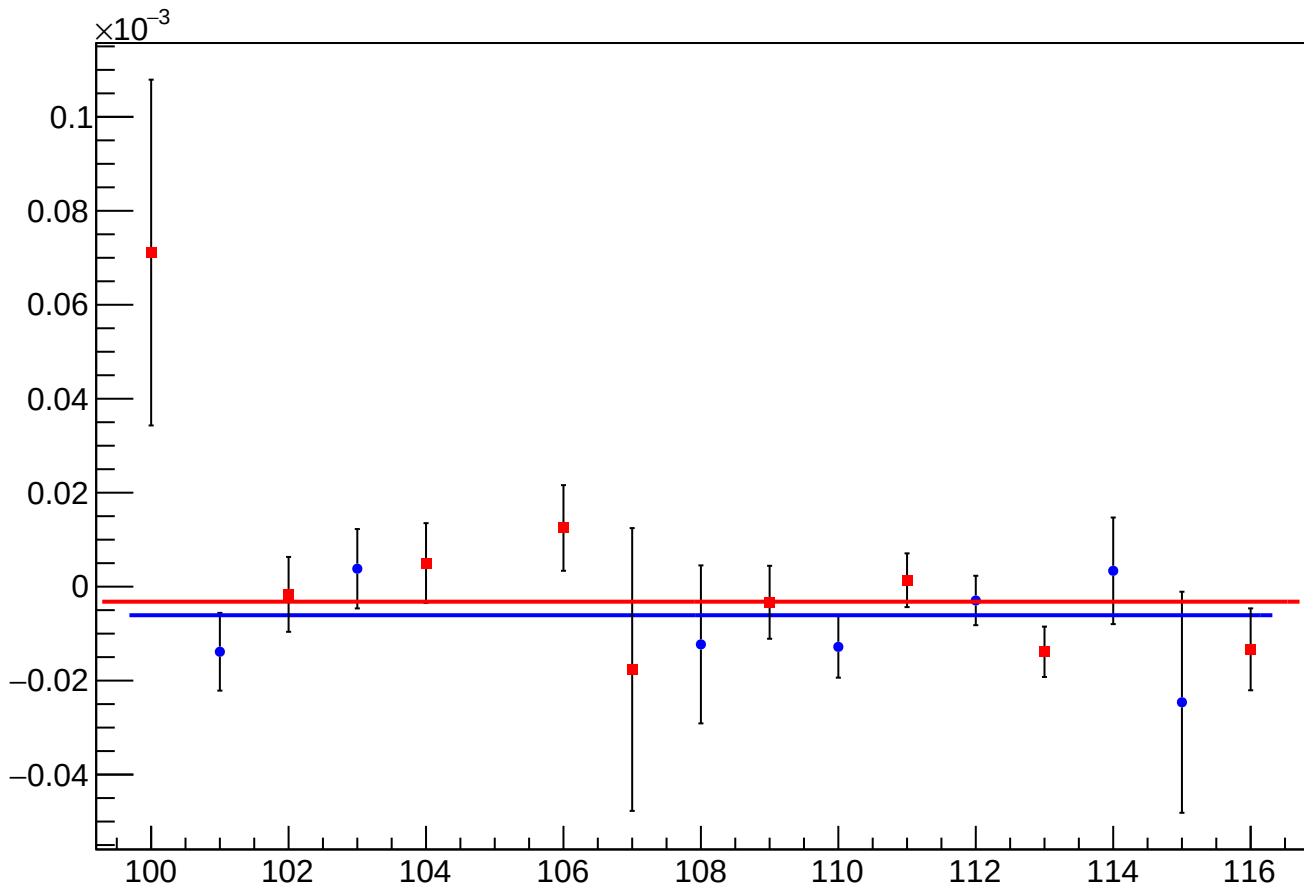
Right: 29.506+/-0.011 χ^2/NDF : 3392421.6/15

In: 32.143+/-0.017 χ^2/NDF : 1475075.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.506+/-0.011 χ^2/NDF : 3392421.6/15

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 : 5.1/6

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 14.2/8

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

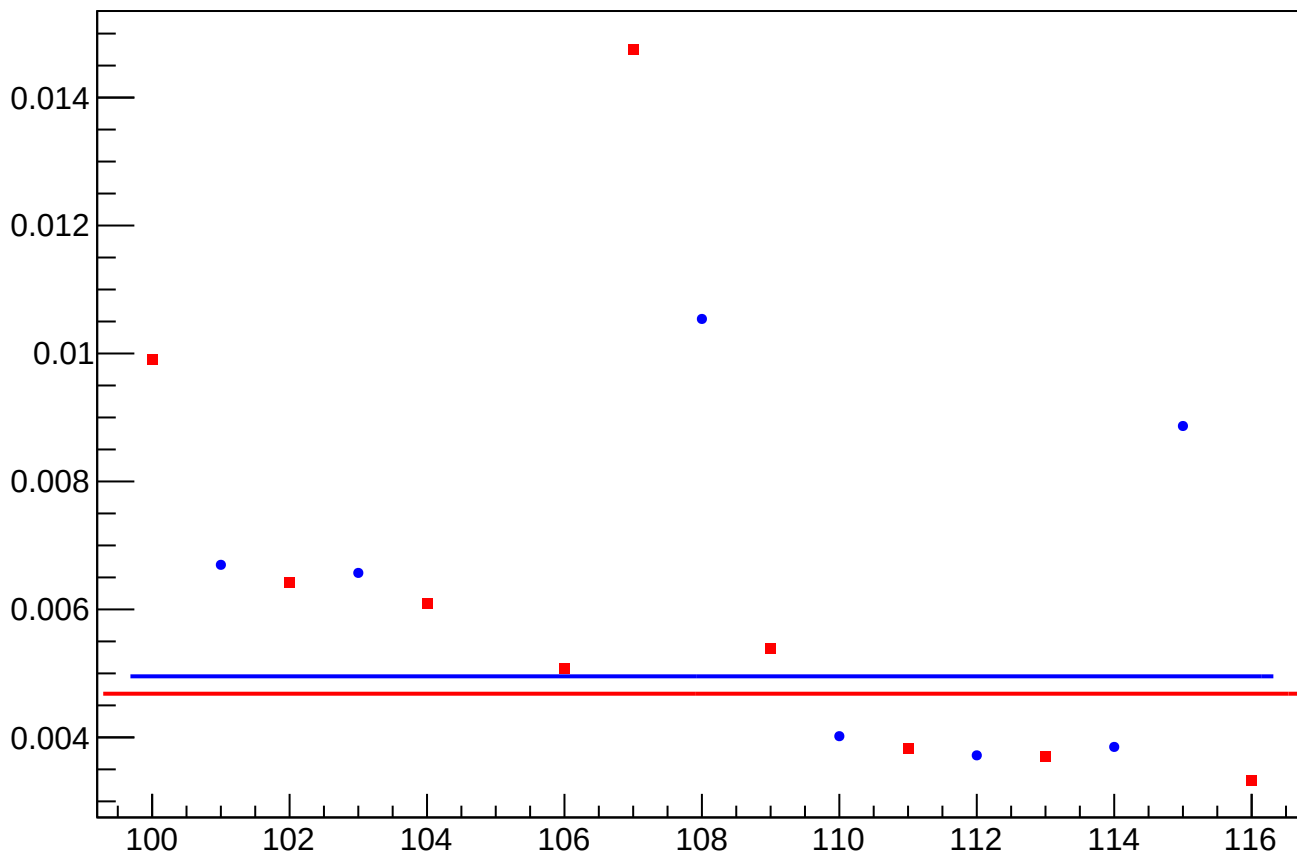
Right: -0.000 +/- 0.000 χ^2/NDF : 19.8/15

In: -0.000 +/- 0.000 χ^2/NDF : 5.1/6

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 19.8/15

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 : 607847.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 596738.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

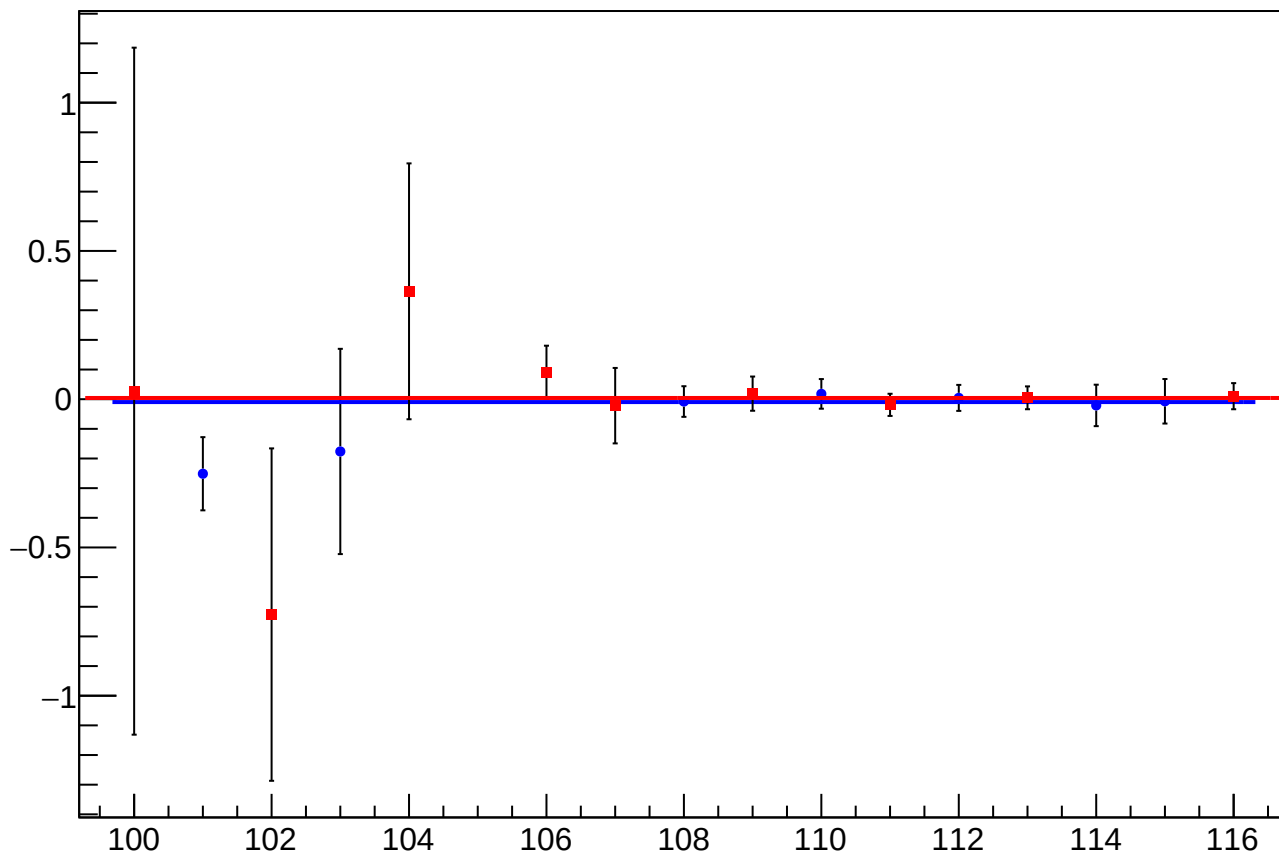
Right: 0.005+/-0.000 χ^2/NDF : 1213221.4/15

In: 0.005+/-0.000 χ^2/NDF :607847.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1213221.4/15

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.024 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 3.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

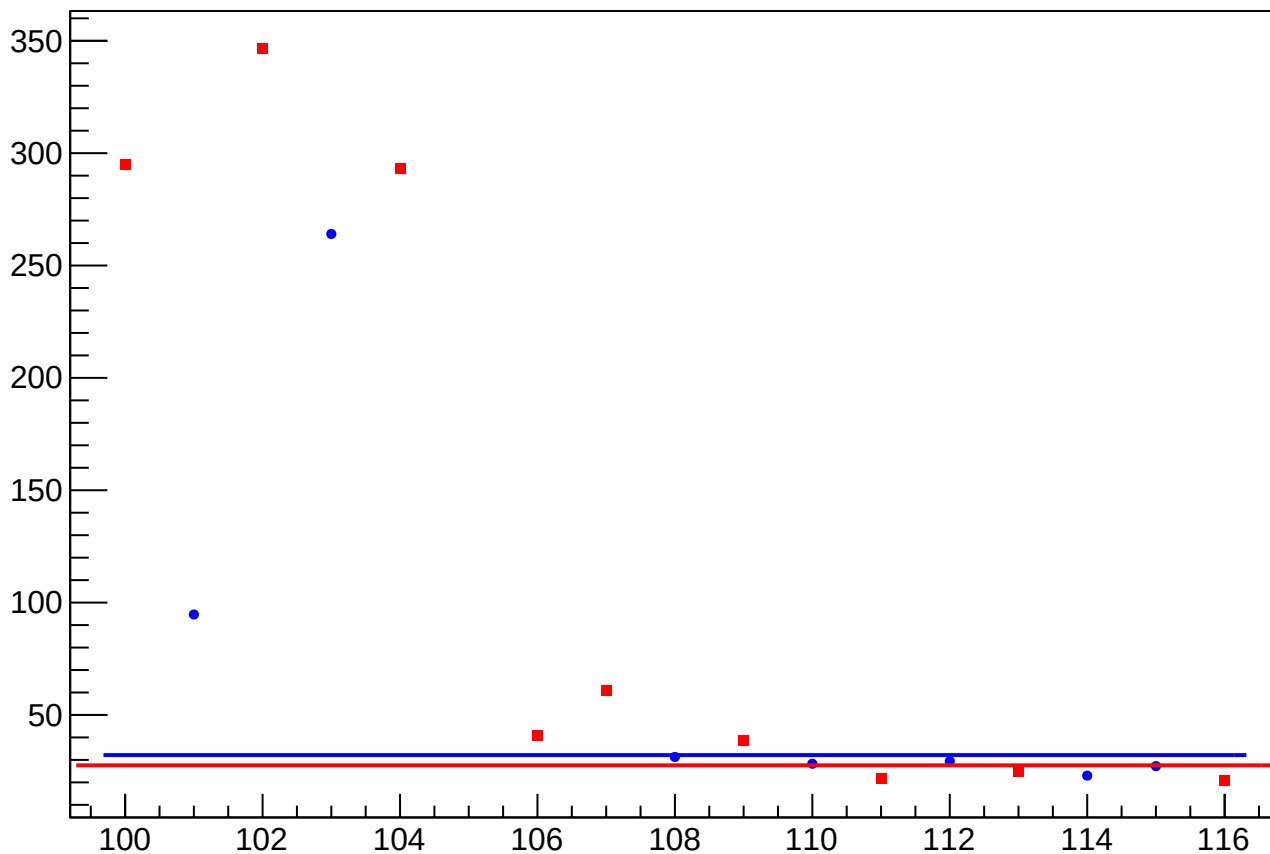
Right: -0.002 $\pm$ 0.016 χ^2 /NDF: 8.5/15

In: -0.010 $\pm$ 0.024 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.016 χ^2 /NDF: 8.5/15

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.142+/-0.017 χ^2/NDF : 1475100.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.580+/-0.014 χ^2/NDF : 1875288.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

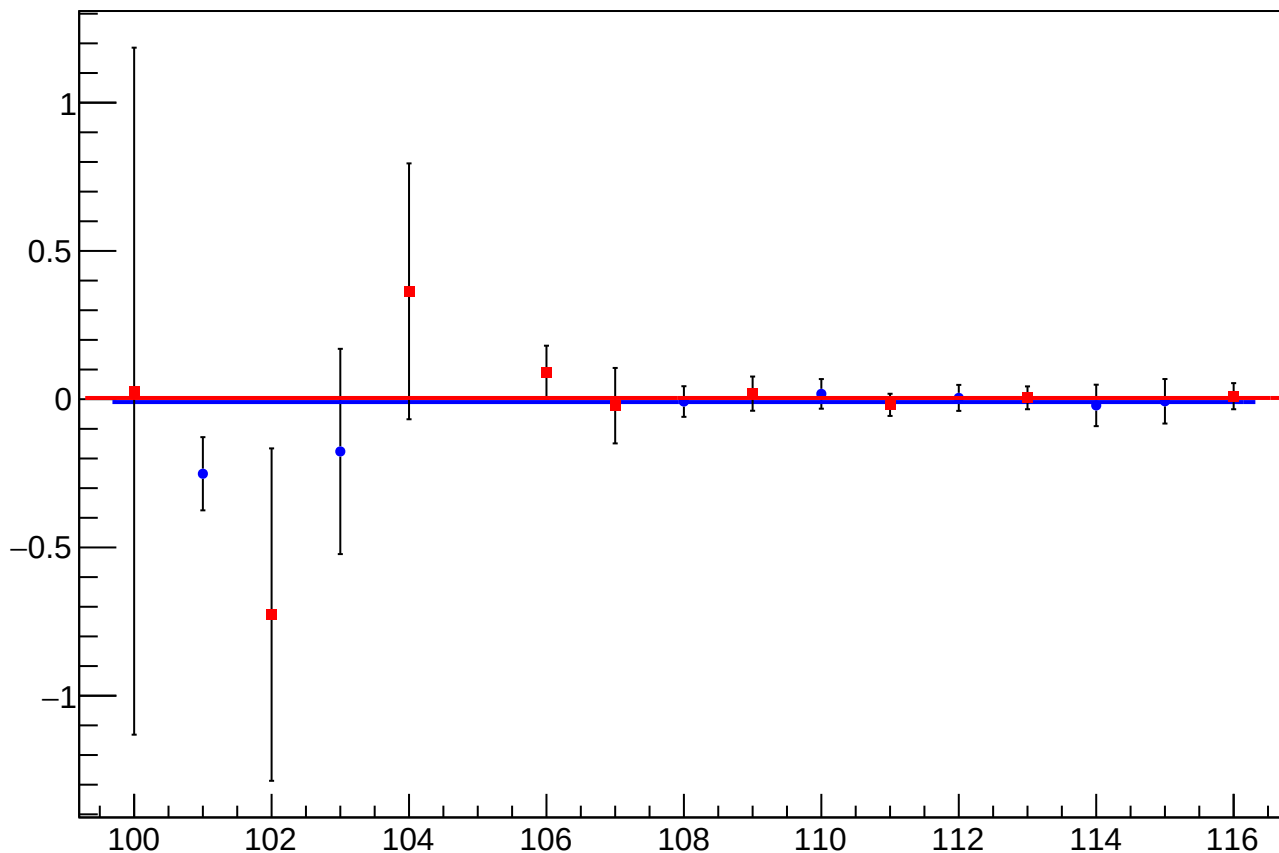
Right: 29.505+/-0.011 χ^2/NDF : 3392552.7/15

In: 32.142+/-0.017 χ^2/NDF : 1475100.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.505+/-0.011 χ^2/NDF : 3392552.7/15

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.024 χ^2 /NDF: 4.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.004+/-0.020 χ^2 /NDF: 3.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

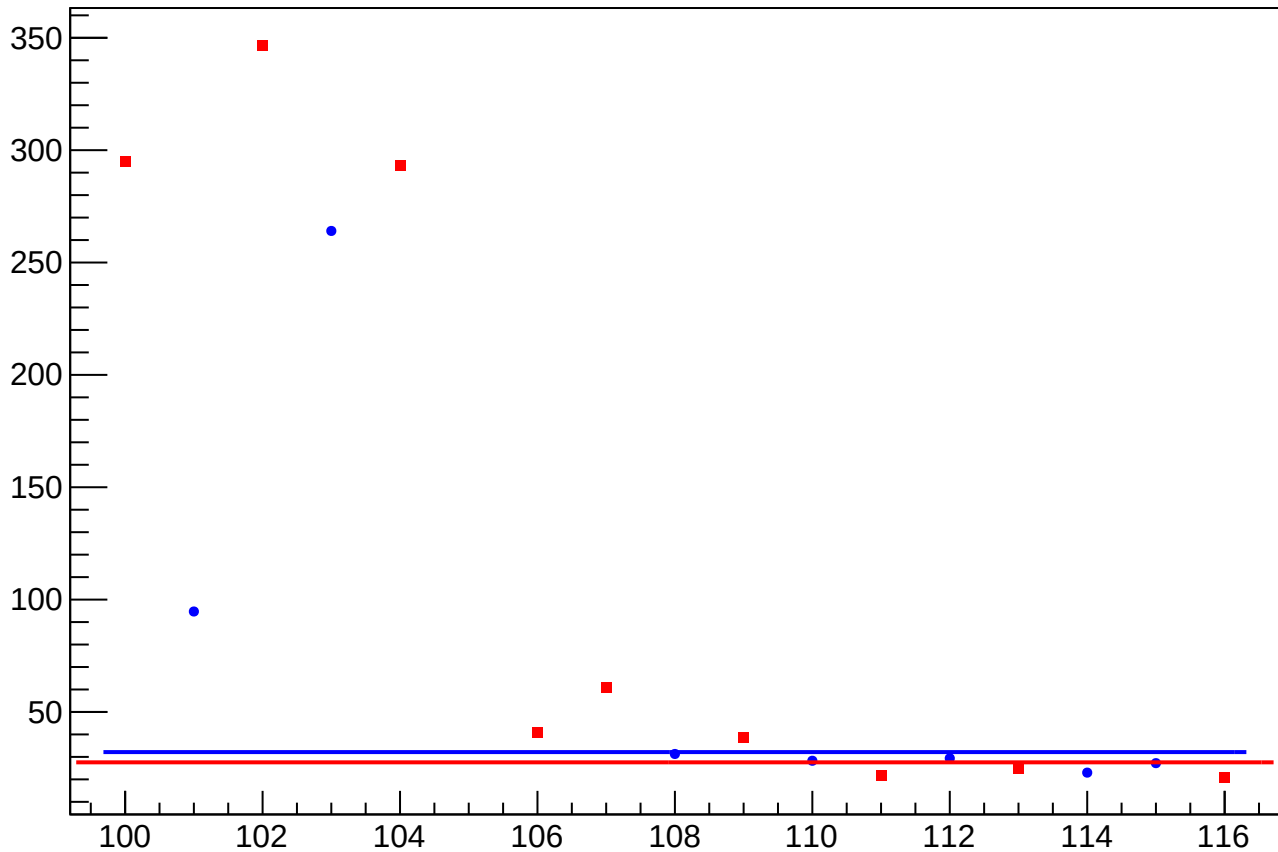
Right: -0.002+/-0.016 χ^2 /NDF: 8.5/15

In: -0.010+/-0.024 χ^2 /NDF:4.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.002+/-0.016 χ^2 /NDF: 8.5/15

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.142 $\pm$ 0.017 χ^2 /NDF: 1475100.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.580 $\pm$ 0.014 χ^2 /NDF: 1875288.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

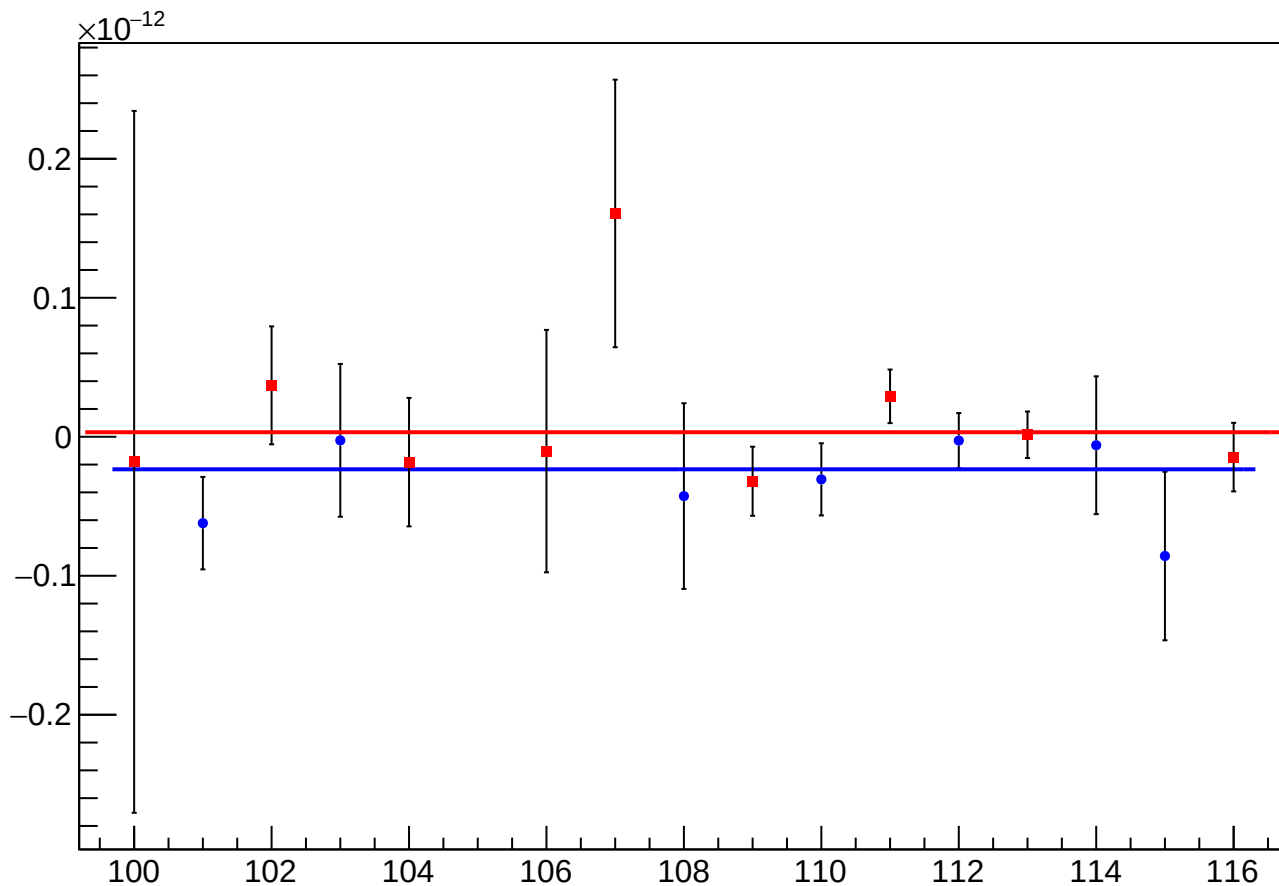
Right: 29.505 $\pm$ 0.011 χ^2 /NDF: 3392552.7/15

In: 32.142 $\pm$ 0.017 χ^2 /NDF:1475100.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.505 $\pm$ 0.011 χ^2 /NDF: 3392552.7/15

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 : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

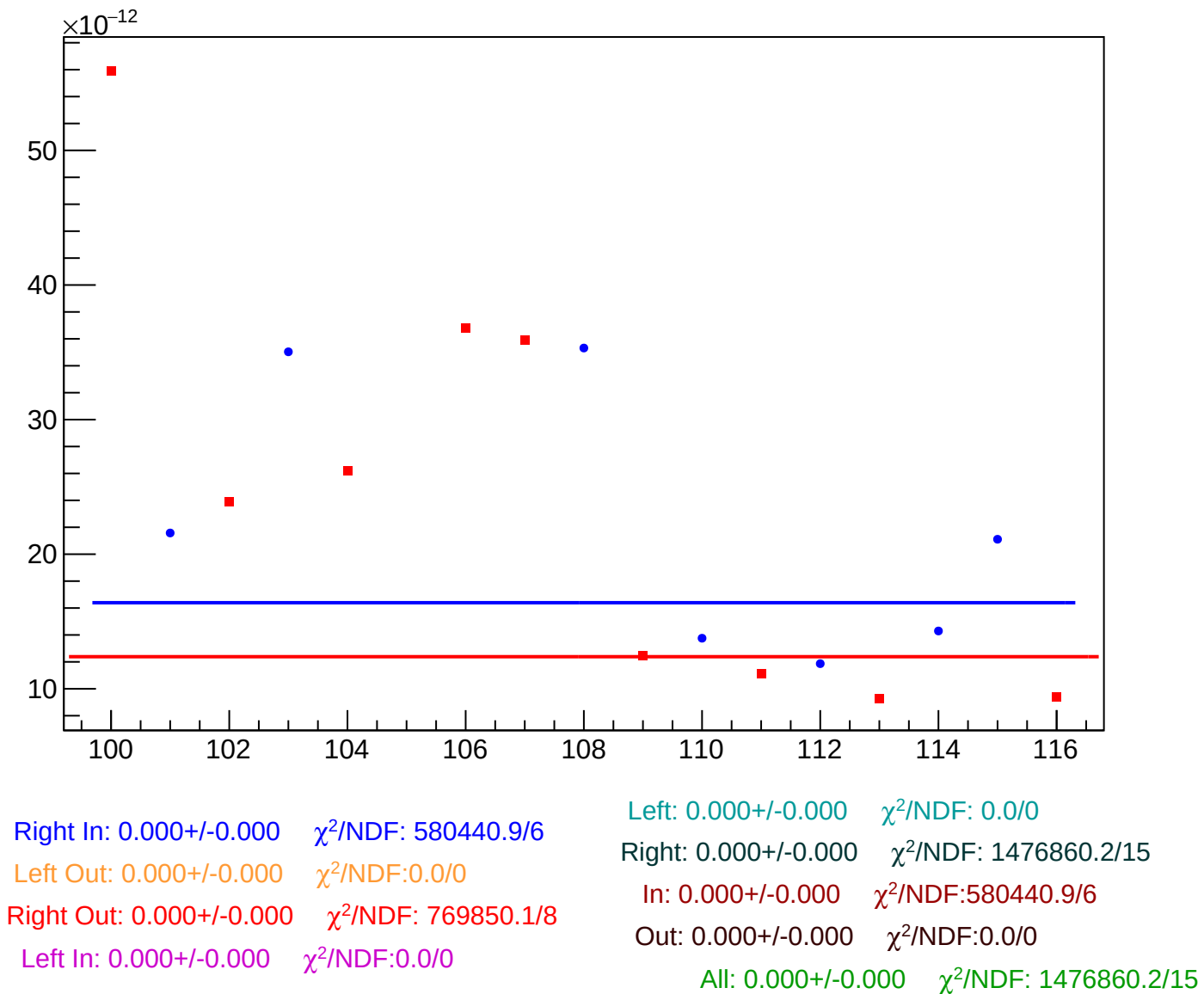
Right: -0.000+/-0.000 χ^2/NDF : 14.6/15

In: -0.000+/-0.000 χ^2/NDF : 3.9/6

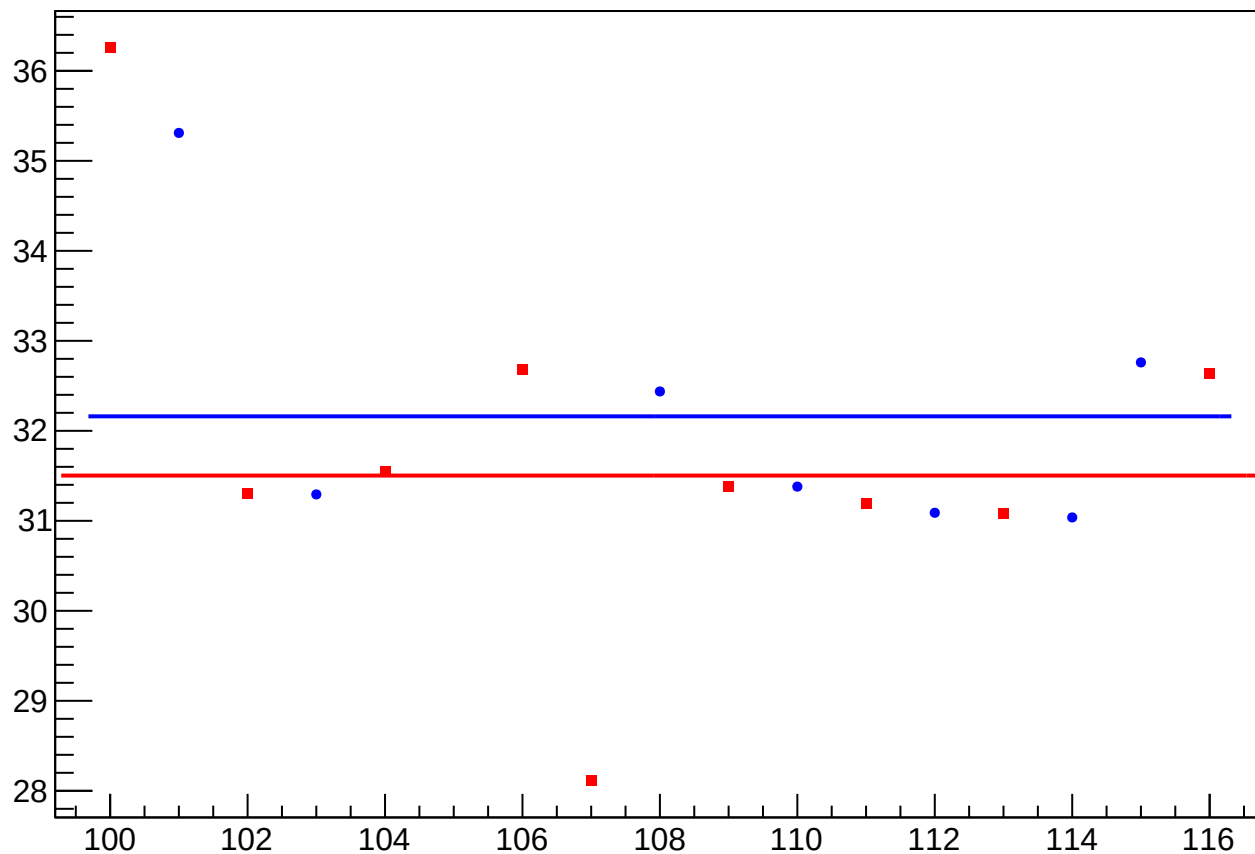
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.6/15

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



yield_usl_mean vs Slug, Sign Corrected



Right In: 32.161+/-0.000 χ^2/NDF : 802628684.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.503+/-0.000 χ^2/NDF : 320607822.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

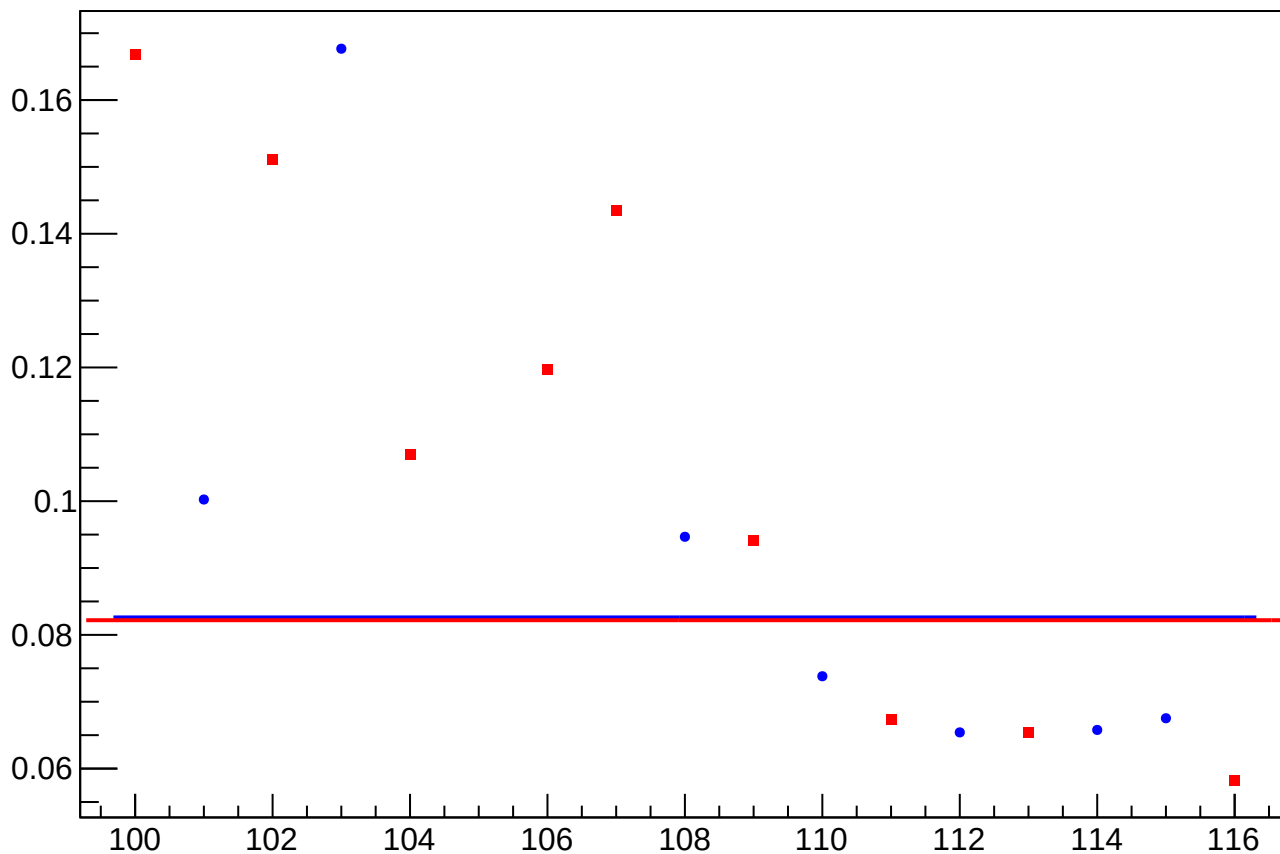
Right: 31.798+/-0.000 χ^2/NDF : 1204585802.7/15

In: 32.161+/-0.000 χ^2/NDF : 802628684.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.798+/-0.000 χ^2/NDF : 1204585802.7/15

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.083+/-0.000 χ^2/NDF : 450941.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.082+/-0.000 χ^2/NDF : 651263.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

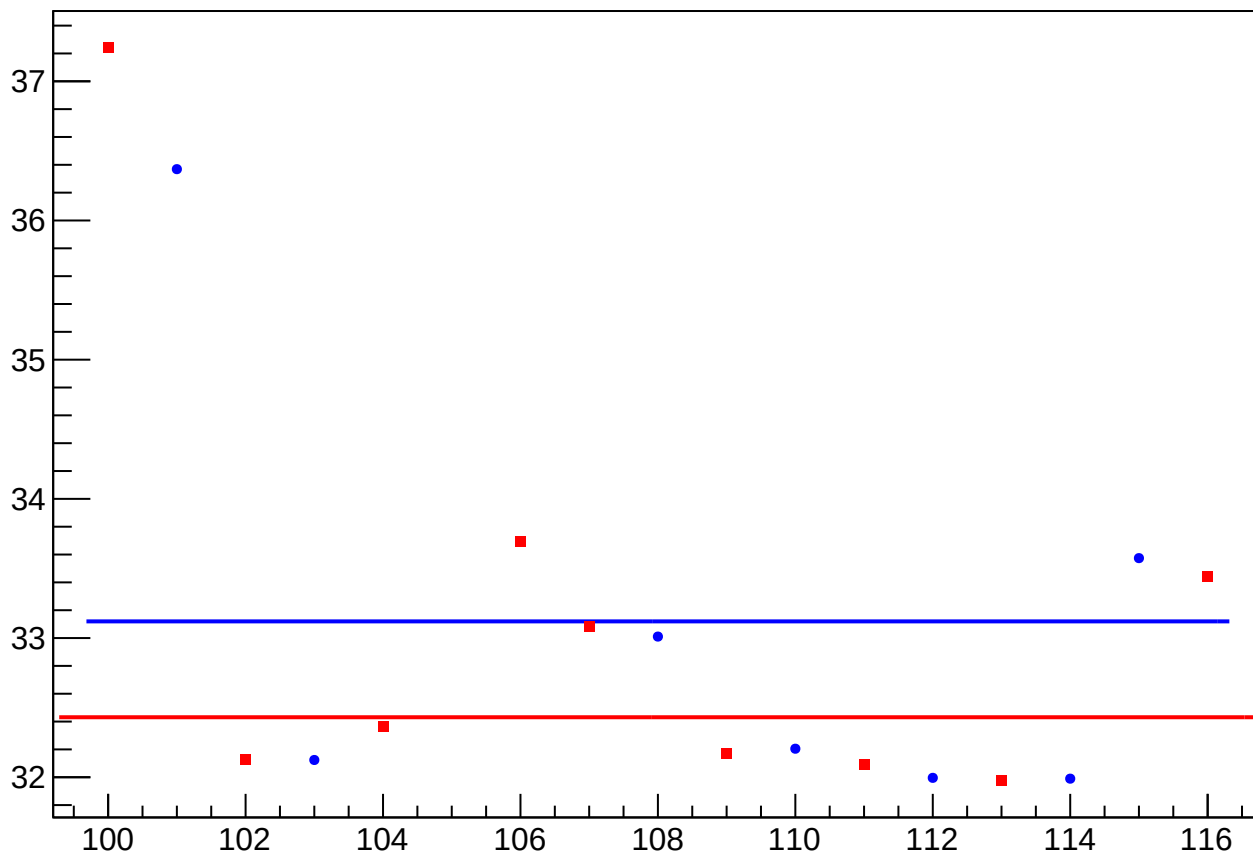
Right: 0.082+/-0.000 χ^2/NDF : 1102269.5/15

In: 0.083+/-0.000 χ^2/NDF : 450941.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.082+/-0.000 χ^2/NDF : 1102269.5/15

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.120+/-0.000 χ^2/NDF : 617785996.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.431+/-0.000 χ^2/NDF : 129841589.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

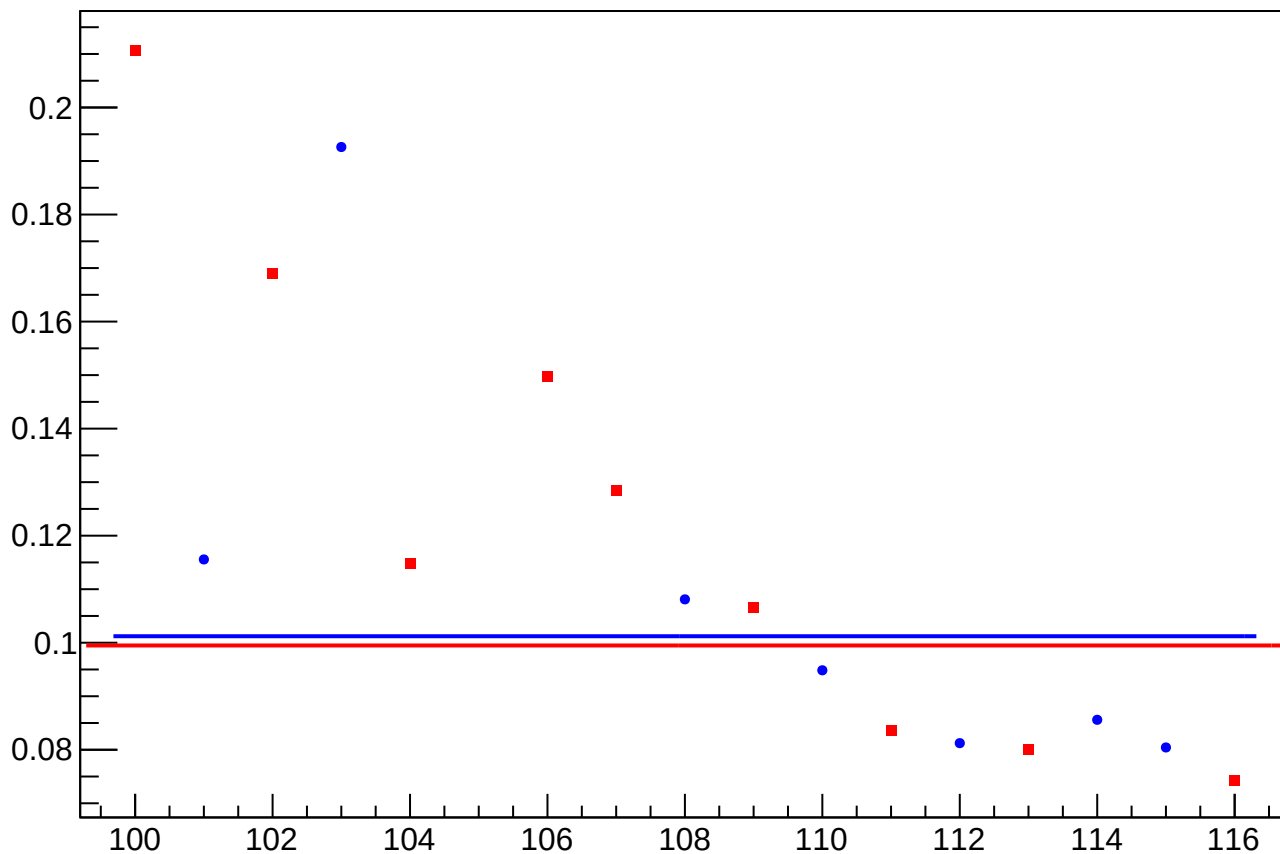
Right: 32.734+/-0.000 χ^2/NDF : 808404707.2/15

In: 33.120+/-0.000 χ^2/NDF : 617785996.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.734+/-0.000 χ^2/NDF : 808404707.2/15

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.101+/-0.000 χ^2/NDF : 367425.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.099+/-0.000 χ^2/NDF : 472022.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

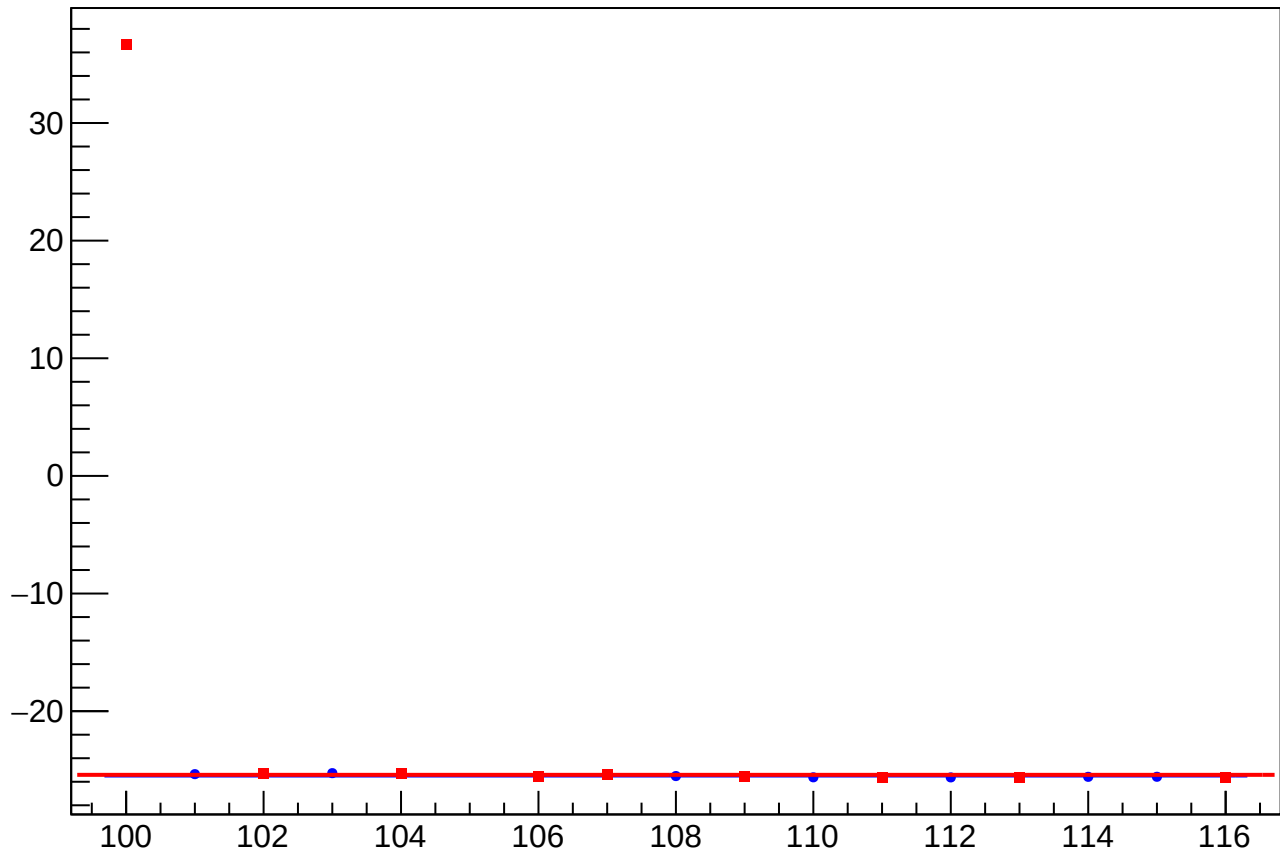
Right: 0.100+/-0.000 χ^2/NDF : 840213.7/15

In: 0.101+/-0.000 χ^2/NDF : 367425.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.100+/-0.000 χ^2/NDF : 840213.7/15

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.469+/-0.000 χ^2/NDF : 35384606.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.412+/-0.000 χ^2/NDF : 8814639103.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

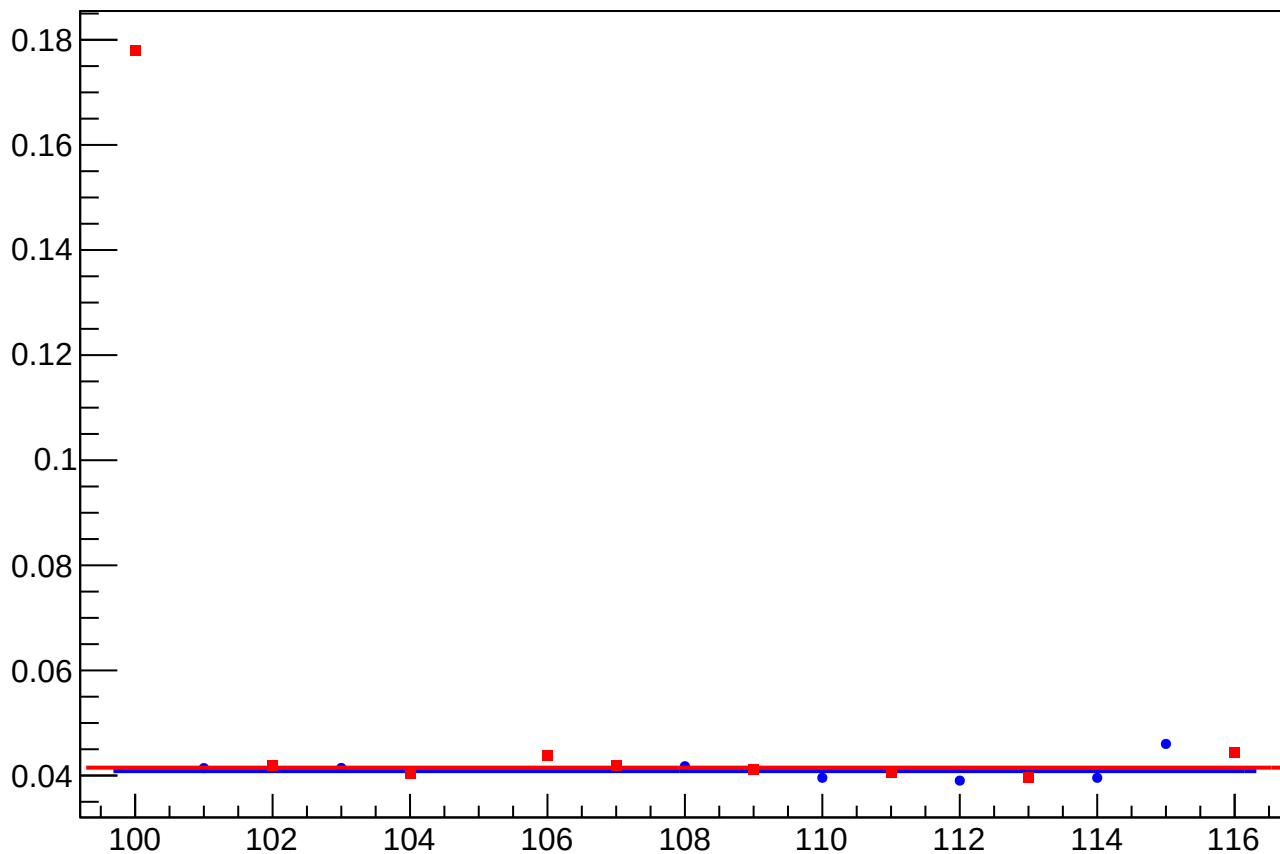
Right: -25.438+/-0.000 χ^2/NDF : 8852999588.4/15

In: -25.469+/-0.000 χ^2/NDF : 35384606.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.438+/-0.000 χ^2/NDF : 8852999588.4/15

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 7581.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.000 χ^2/NDF : 92011.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

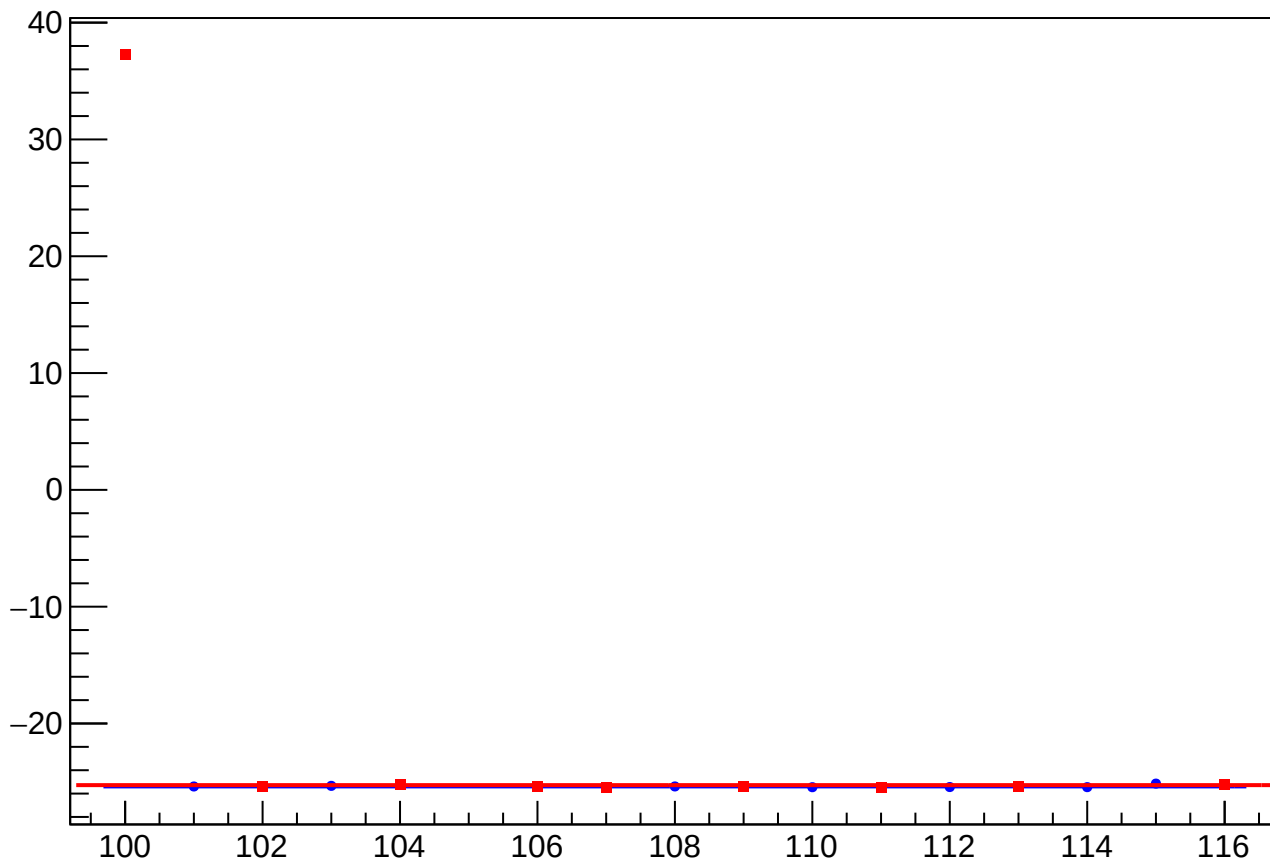
Right: 0.041+/-0.000 χ^2/NDF : 100389.1/15

In: 0.041+/-0.000 χ^2/NDF : 7581.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 100389.1/15

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.386+/-0.000 χ^2/NDF : 3674868.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -25.276+/-0.000 χ^2/NDF : 6302441636.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

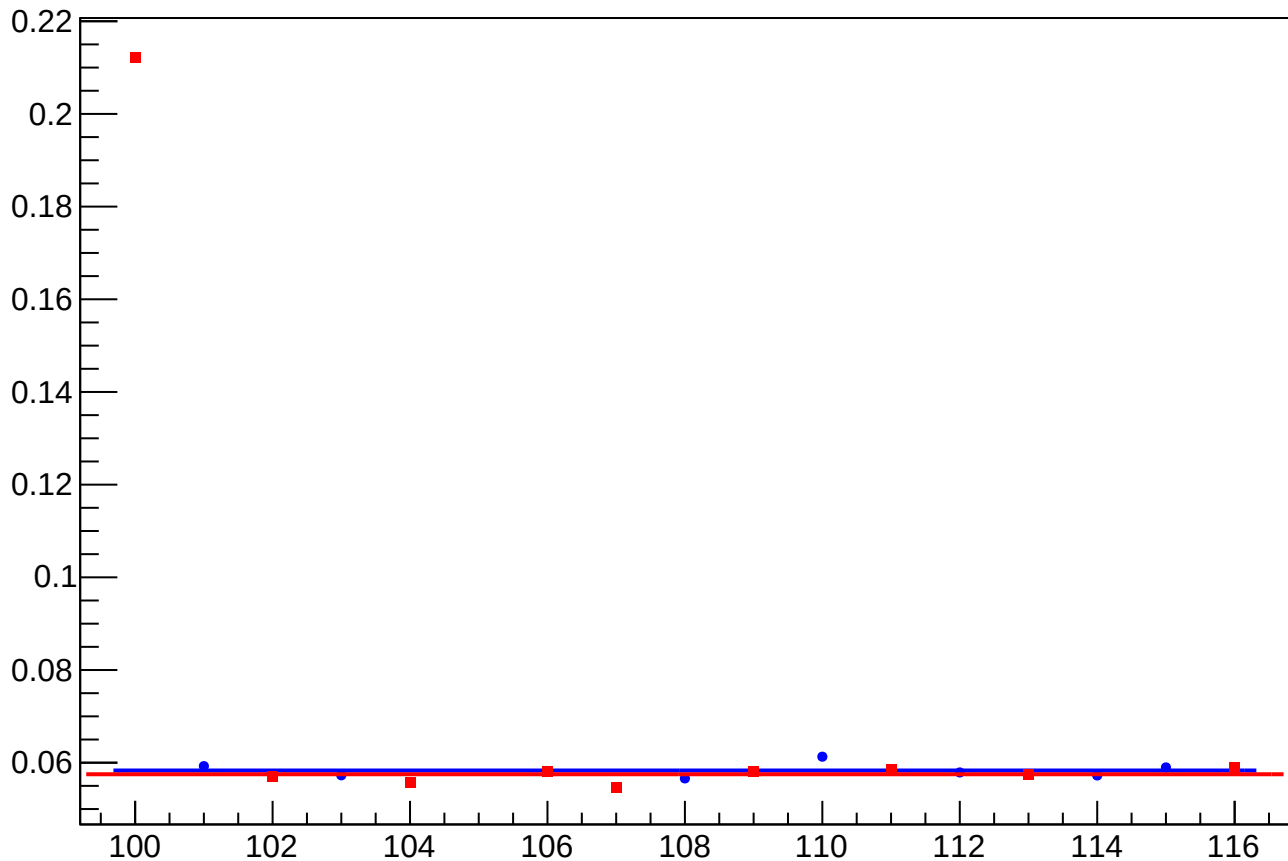
Right: -25.324+/-0.000 χ^2/NDF : 6311502552.6/15

In: -25.386+/-0.000 χ^2/NDF :3674868.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.324+/-0.000 χ^2/NDF : 6311502552.6/15

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 3265.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 80019.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

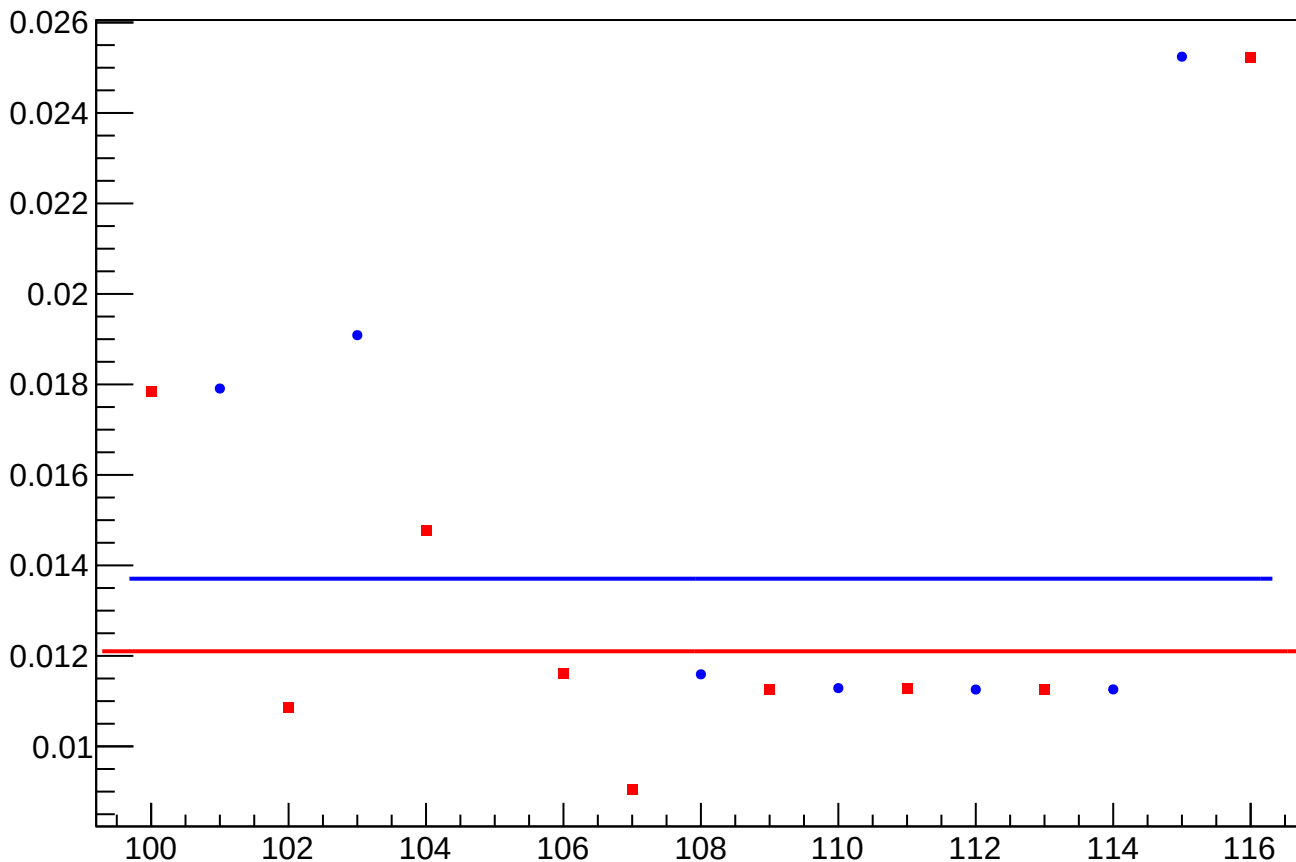
Right: 0.058+/-0.000 χ^2/NDF : 83870.5/15

In: 0.058+/-0.000 χ^2/NDF : 3265.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 83870.5/15

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 9566365750.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 9011281154.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

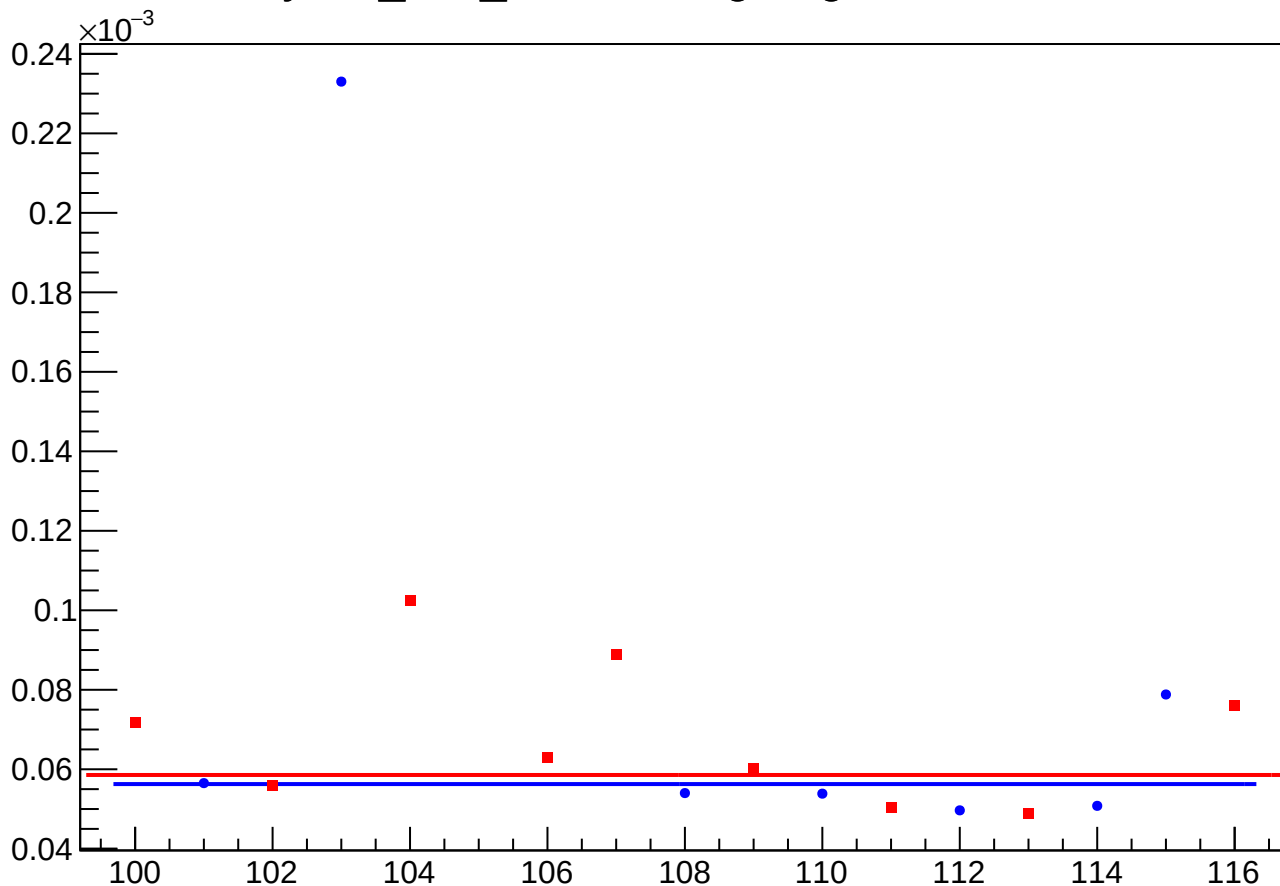
Right: 0.013+/-0.000 χ^2/NDF : 19587771261.6/15

In: 0.014+/-0.000 χ^2/NDF : 9566365750.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 19587771261.6/15

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 604036.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 268836.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

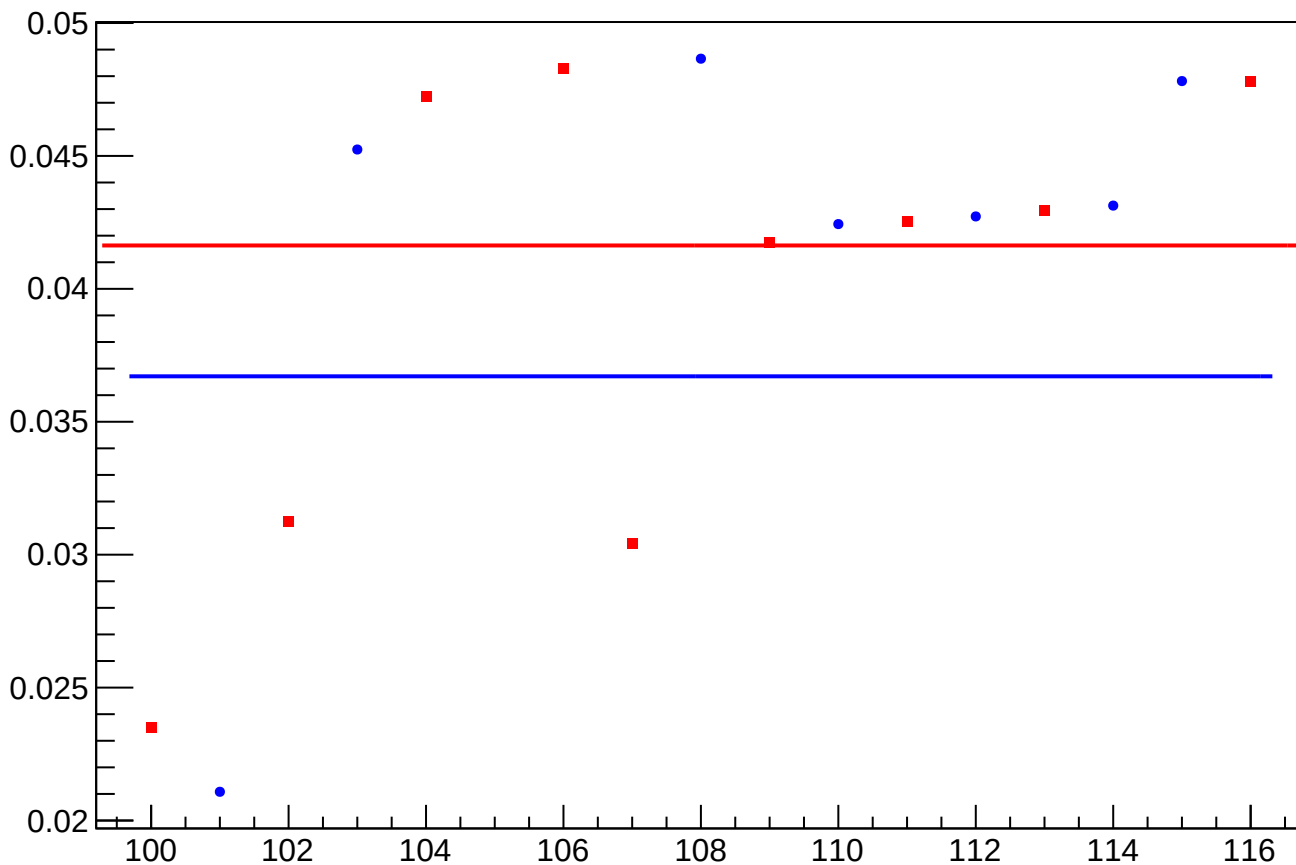
Right: 0.000+/-0.000 χ^2/NDF : 876988.9/15

In: 0.000+/-0.000 χ^2/NDF : 604036.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 876988.9/15

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.000 χ^2/NDF : 1896486059.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 683221554.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

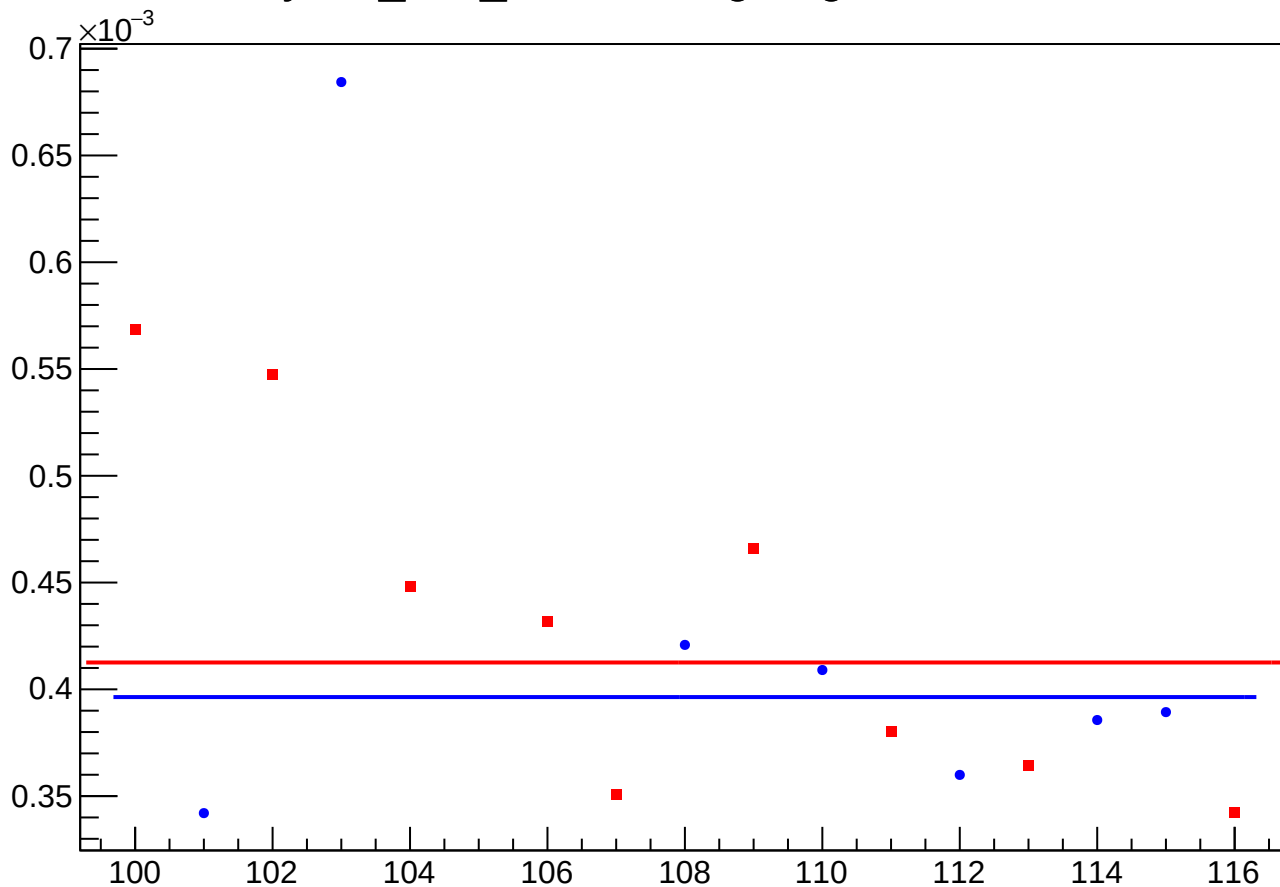
Right: 0.039+/-0.000 χ^2/NDF : 2776491969.2/15

In: 0.037+/-0.000 χ^2/NDF :1896486059.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.039+/-0.000 χ^2/NDF : 2776491969.2/15

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 240317.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 146852.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

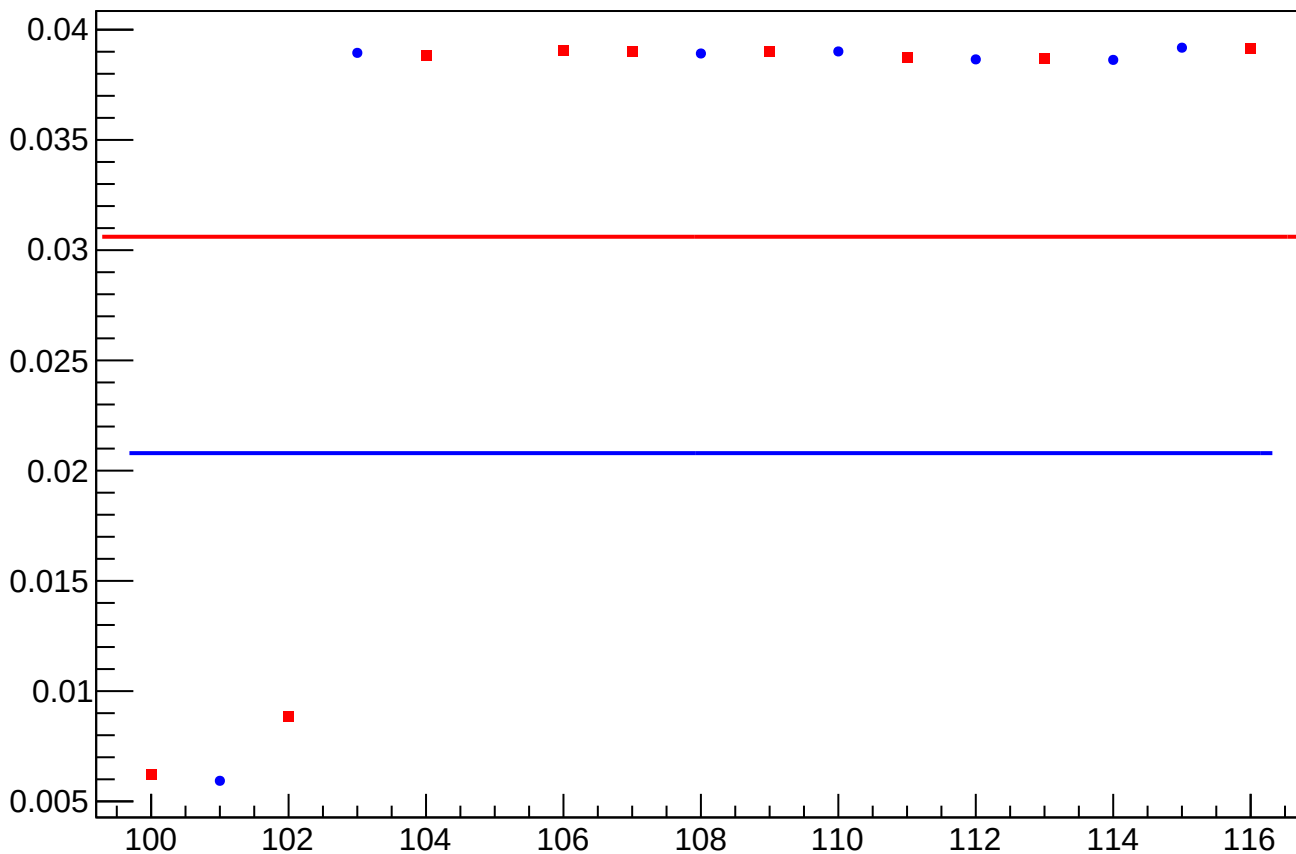
Right: 0.000+/-0.000 χ^2/NDF : 391428.8/15

In: 0.000+/-0.000 χ^2/NDF : 240317.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 391428.8/15

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 66930400424.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 39819049403.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

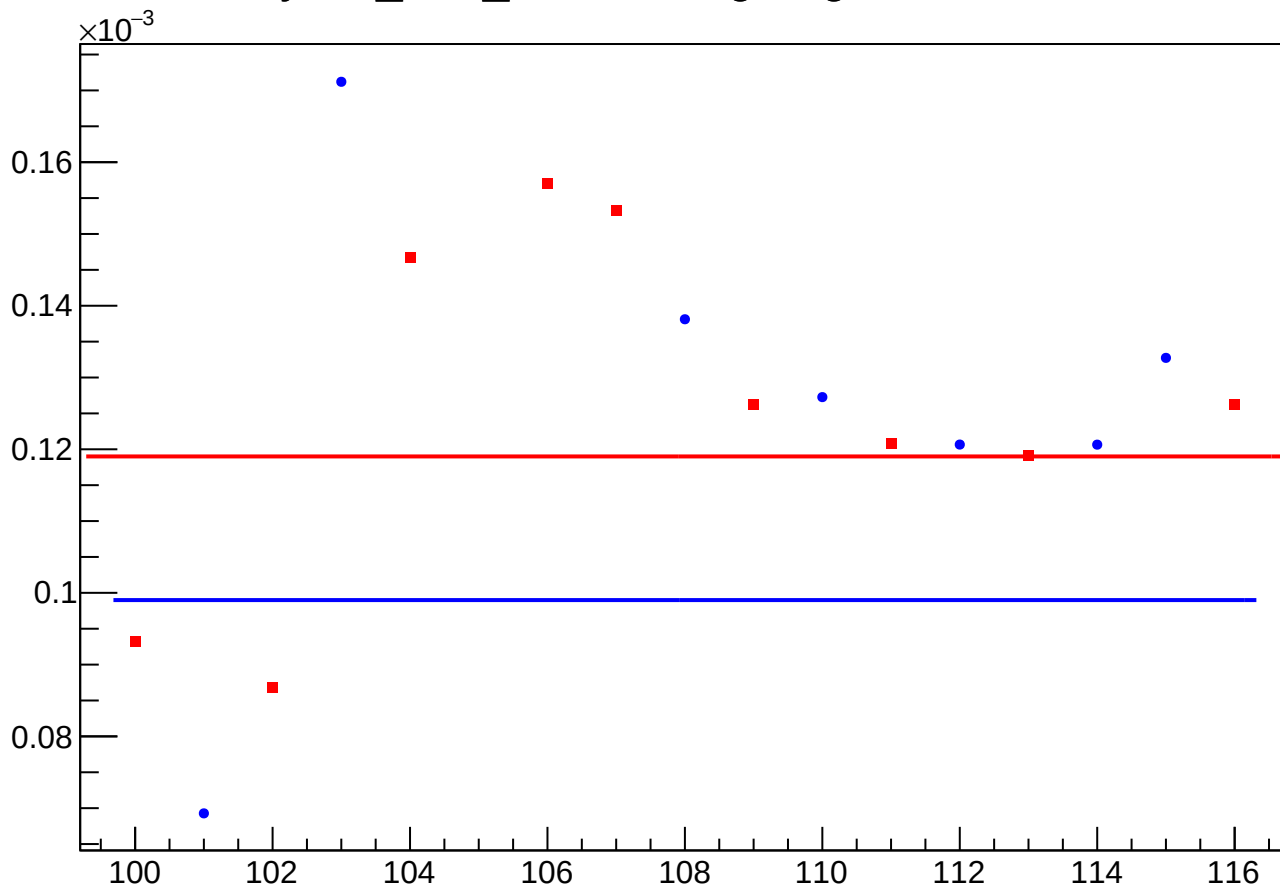
Right: 0.025+/-0.000 χ^2/NDF : 117929733666.5/15

In: 0.021+/-0.000 χ^2/NDF :66930400424.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.000 χ^2/NDF : 117929733666.5

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 609430.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 214958.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

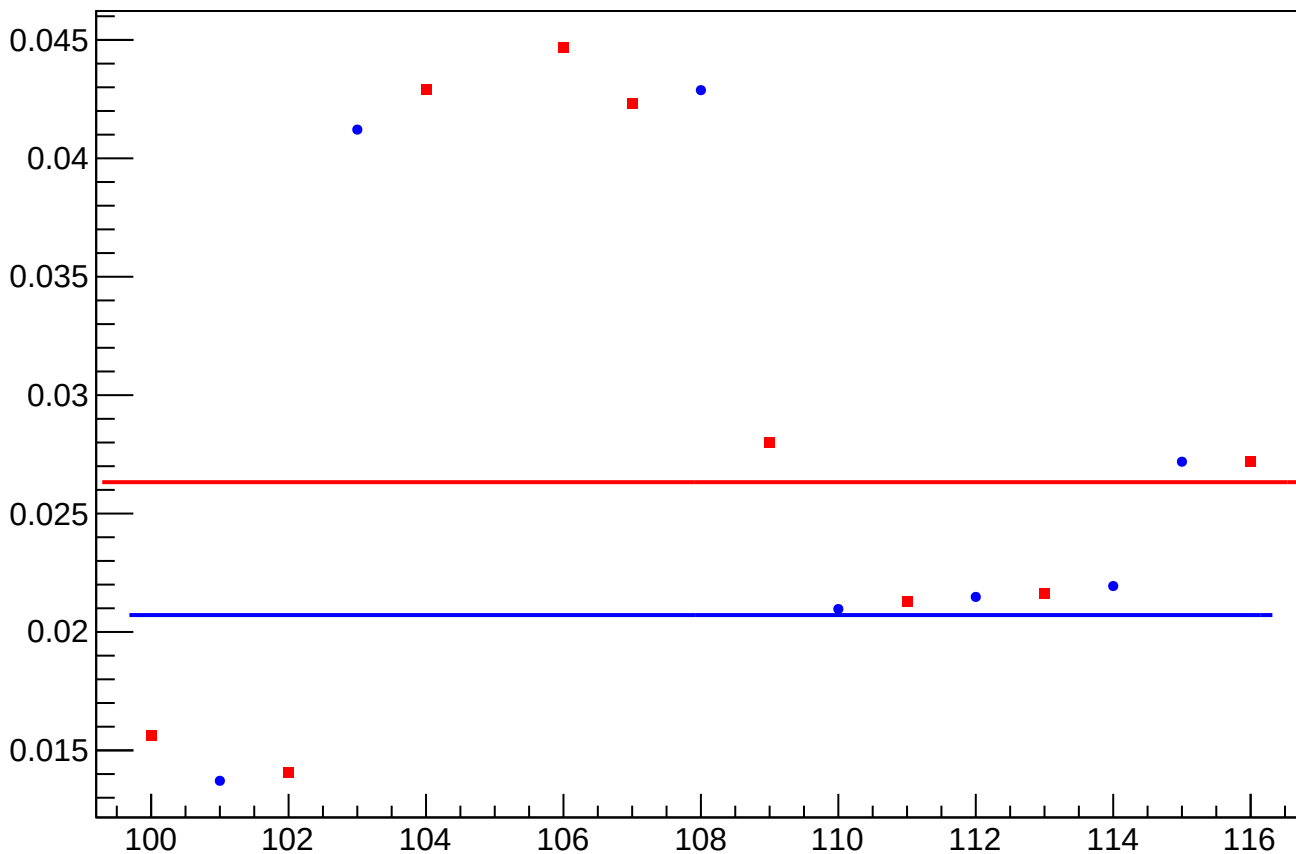
Right: 0.000+/-0.000 χ^2/NDF : 917371.3/15

In: 0.000+/-0.000 χ^2/NDF : 609430.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917371.3/15

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000

χ^2/NDF : 3077167225.0/6

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000

χ^2/NDF : 3225732537.0/8

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 6810376537.6/15

In: 0.021+/-0.000

χ^2/NDF : 3077167225.0/6

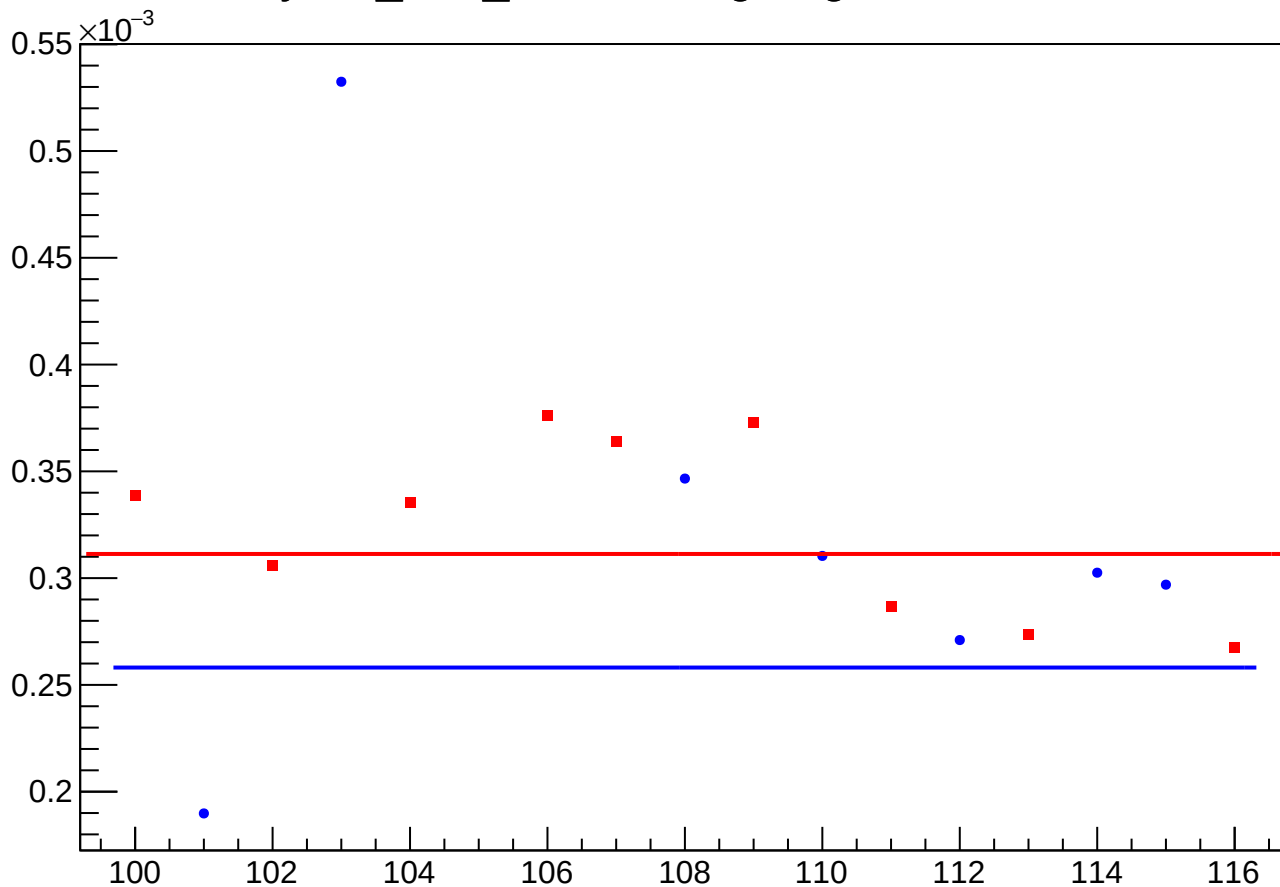
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 6810376537.6/15

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 524241.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 90238.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

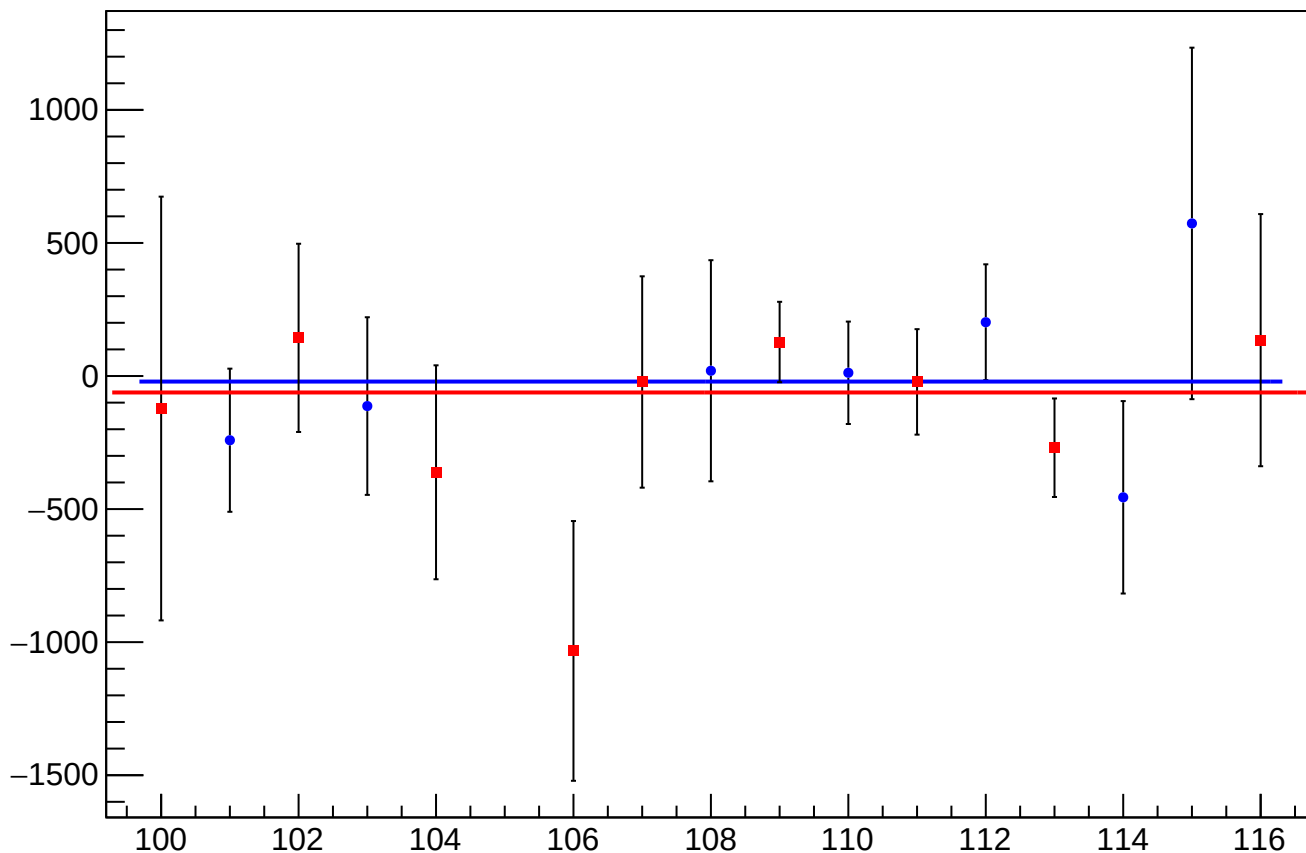
Right: 0.000+/-0.000 χ^2/NDF : 705664.0/15

In: 0.000+/-0.000 χ^2/NDF : 524241.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 705664.0/15

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -20.842 ± 107.413 χ^2/NDF : 4.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.827 ± 87.973 χ^2/NDF : 7.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

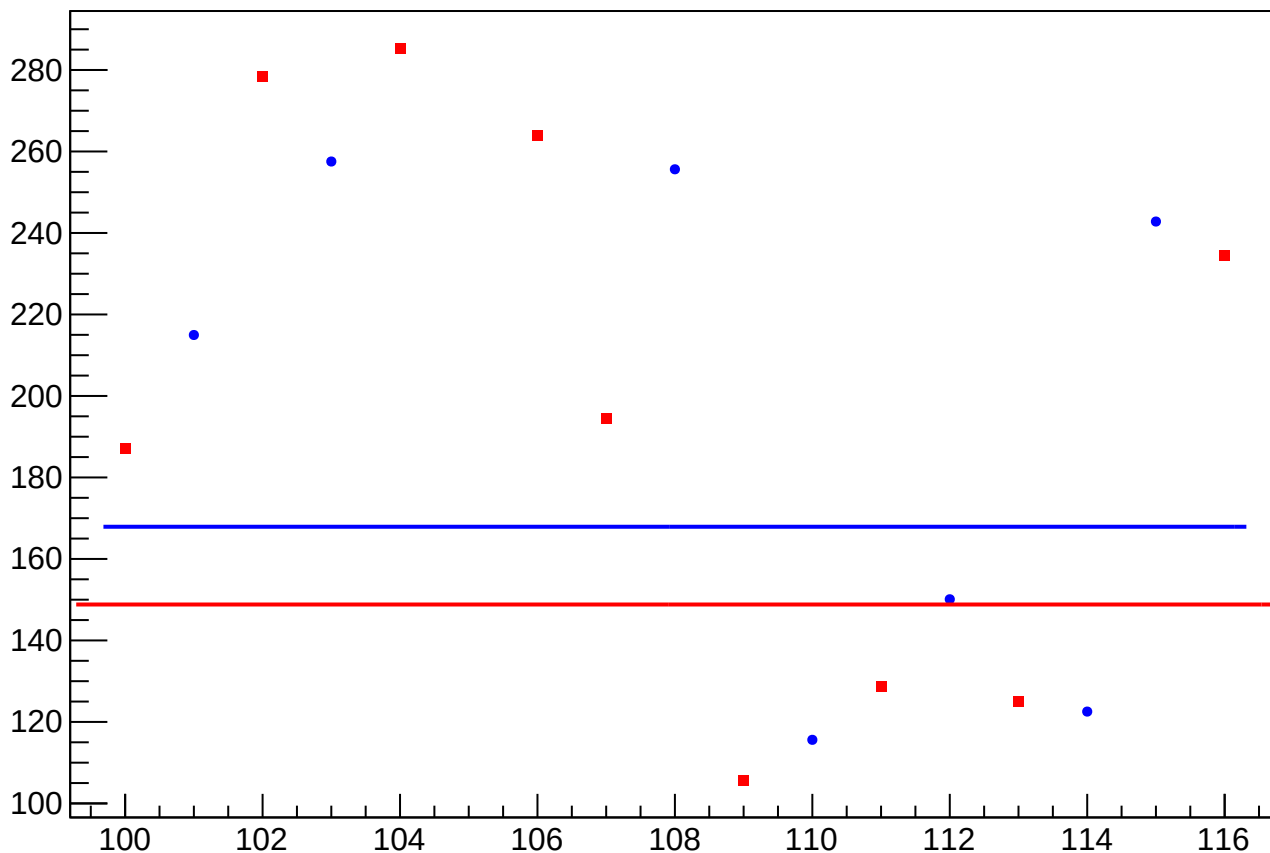
Right: -45.372 ± 68.060 χ^2/NDF : 12.1/15

In: -20.842 ± 107.413 χ^2/NDF : 4.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.372 ± 68.060 χ^2/NDF : 12.1/15

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.901+/-0.076 χ^2/NDF : 512982.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.819+/-0.062 χ^2/NDF : 923457.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

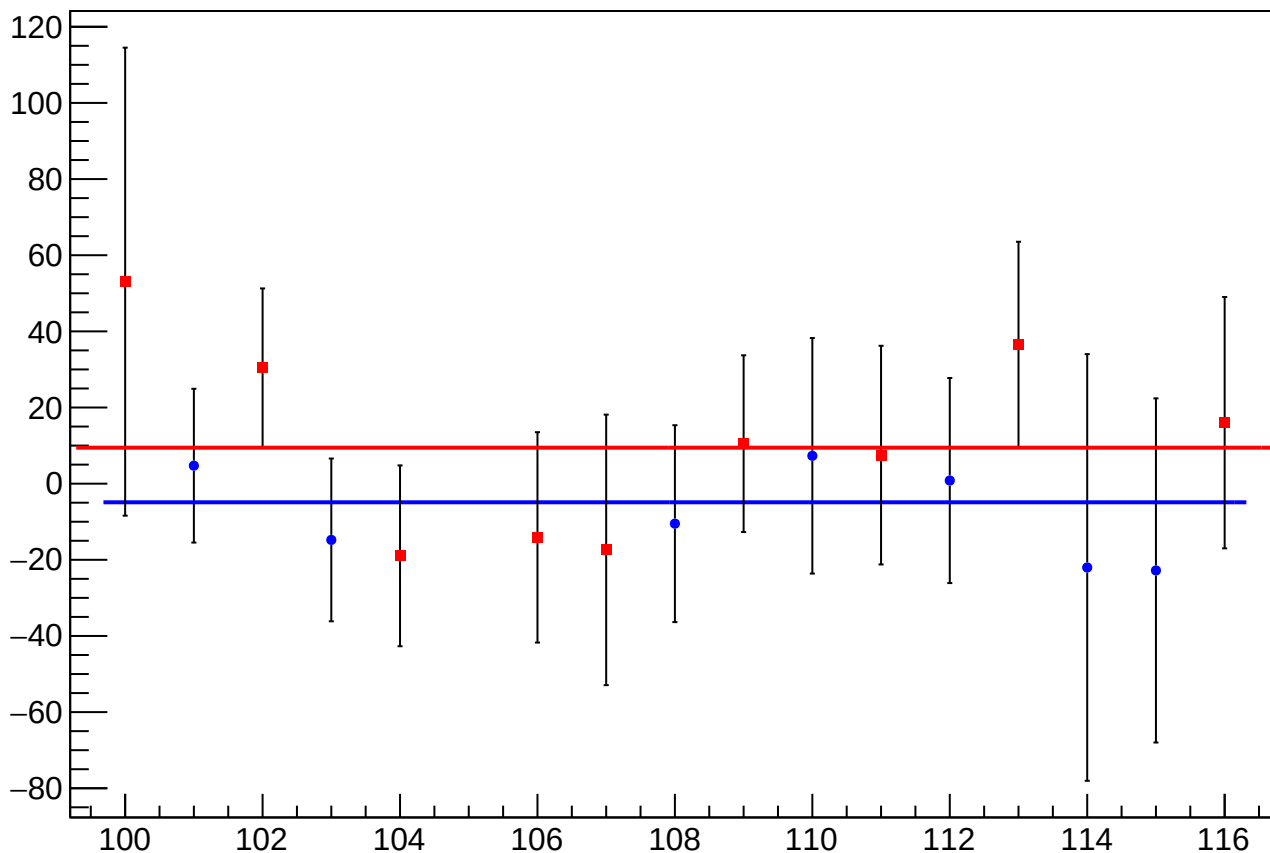
Right: 156.480+/-0.048 χ^2/NDF : 1474222.2/15

In: 167.901+/-0.076 χ^2/NDF : 512982.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.480+/-0.048 χ^2/NDF : 1474222.2/15

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.892+/-10.331 χ^2/NDF : 0.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.452+/-9.206 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

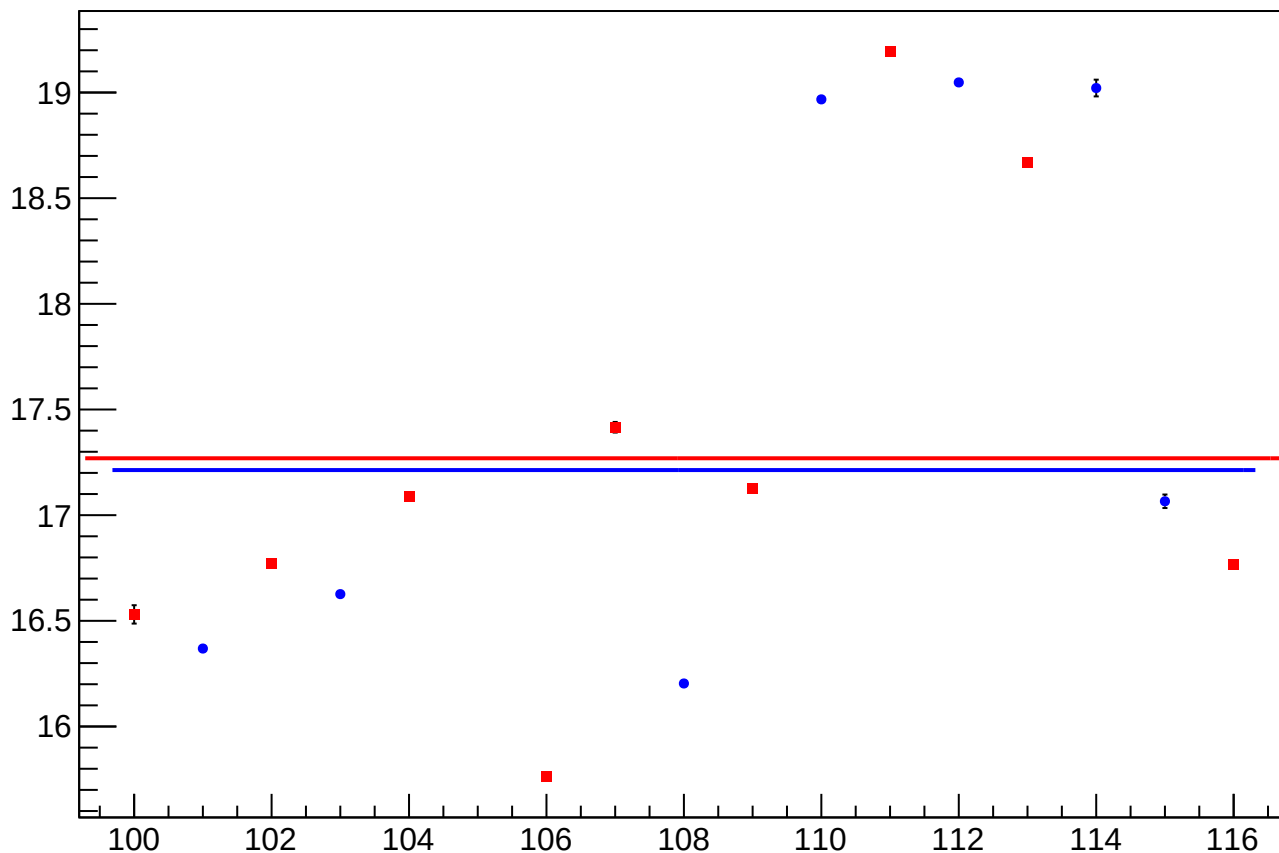
Right: 3.103+/-6.873 χ^2/NDF : 7.3/15

In: -4.892+/-10.331 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.103+/-6.873 χ^2/NDF : 7.3/15

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.213+/-0.007 χ^2/NDF : 25873.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.269+/-0.007 χ^2/NDF : 22362.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

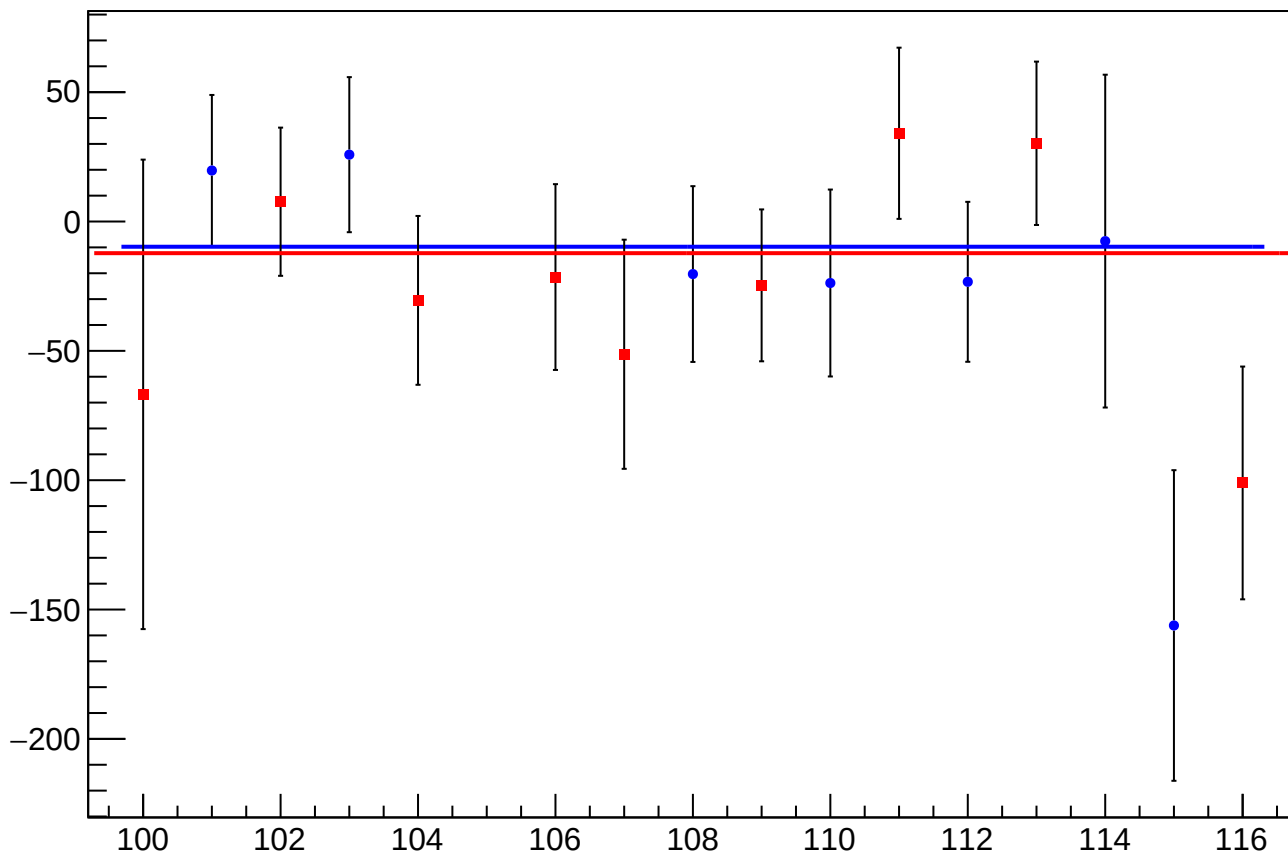
Right: 17.245+/-0.005 χ^2/NDF : 48268.1/15

In: 17.213+/-0.007 χ^2/NDF : 25873.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.245+/-0.005 χ^2/NDF : 48268.1/15

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.748+/-13.504 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.236+/-11.839 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

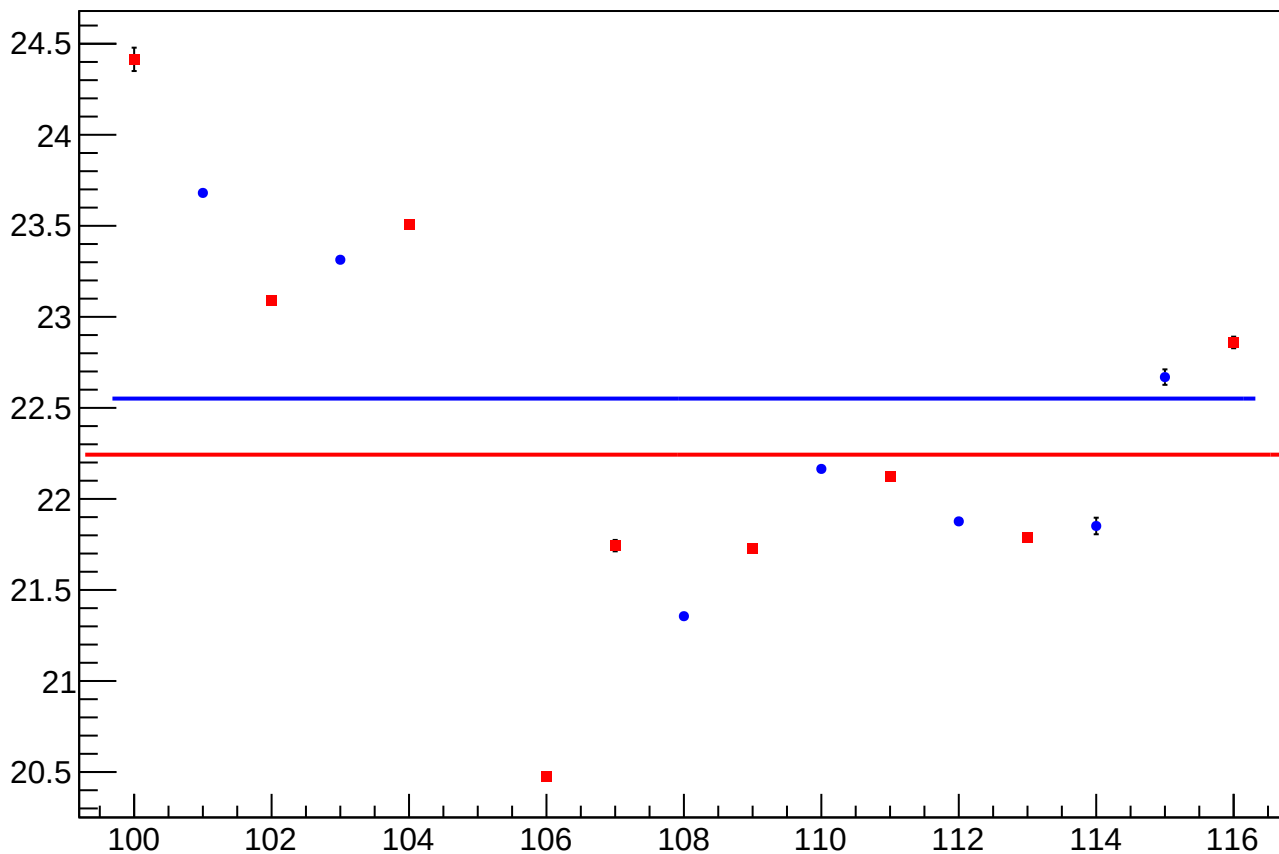
Right: -11.155+/-8.902 χ^2/NDF : 18.7/15

In: -9.748+/-13.504 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.155+/-8.902 χ^2/NDF : 18.7/15

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.551+/-0.010 χ^2/NDF : 8187.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.243+/-0.008 χ^2/NDF : 12436.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

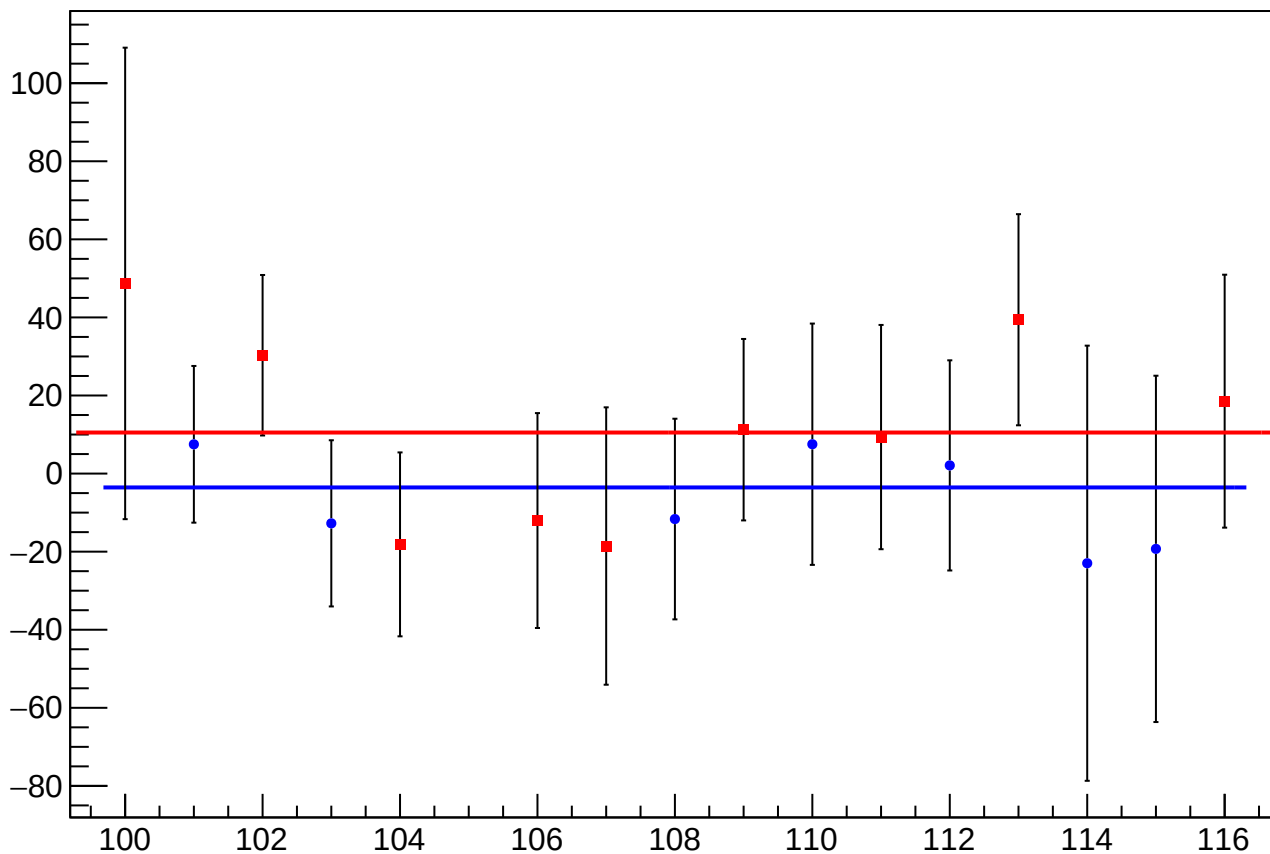
Right: 22.377+/-0.006 χ^2/NDF : 21211.7/15

In: 22.551+/-0.010 χ^2/NDF : 8187.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.377+/-0.006 χ^2/NDF : 21211.7/15

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.552+/-10.280 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.515+/-9.152 χ^2/NDF : 5.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

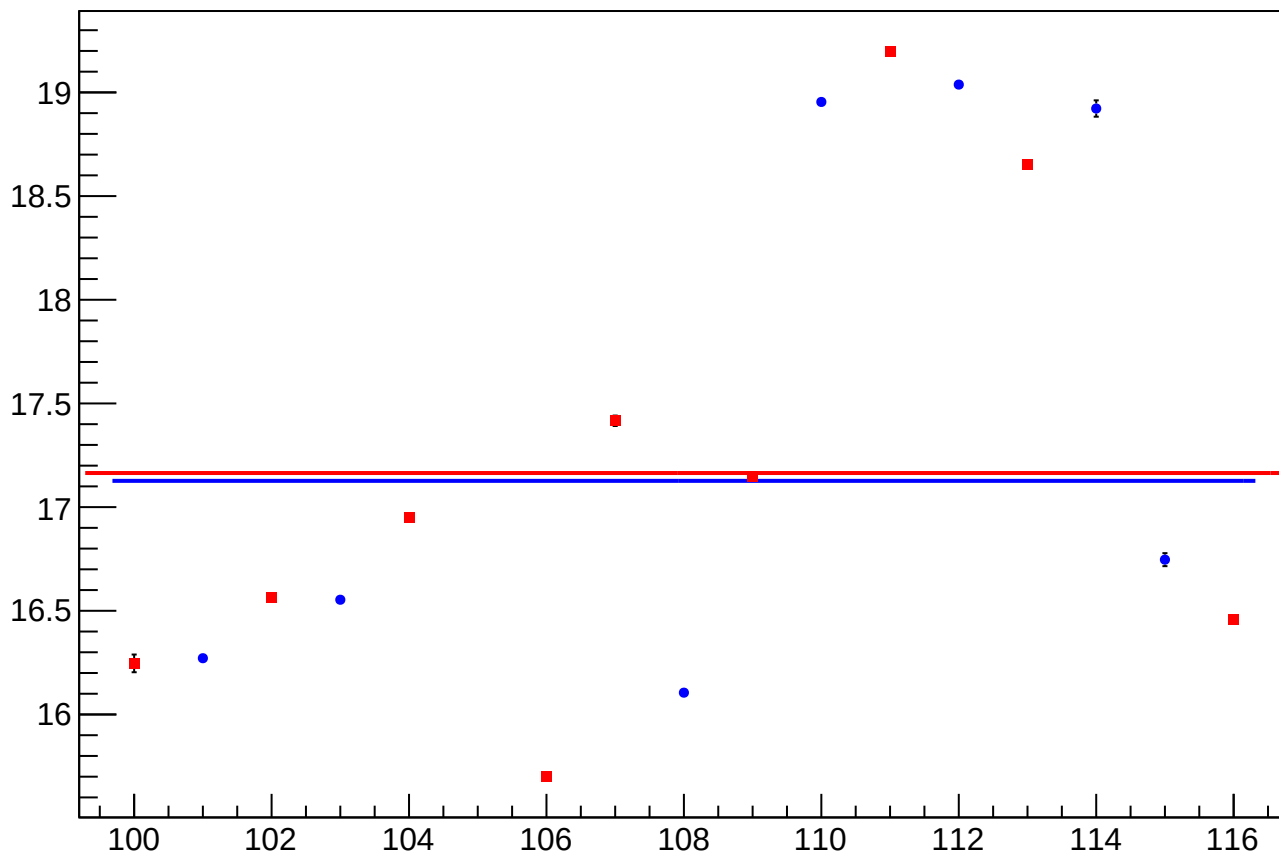
Right: 4.296+/-6.836 χ^2/NDF : 7.4/15

In: -3.552+/-10.280 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.296+/-6.836 χ^2/NDF : 7.4/15

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.127+/-0.007 χ^2/NDF : 27540.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.164+/-0.006 χ^2/NDF : 25084.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

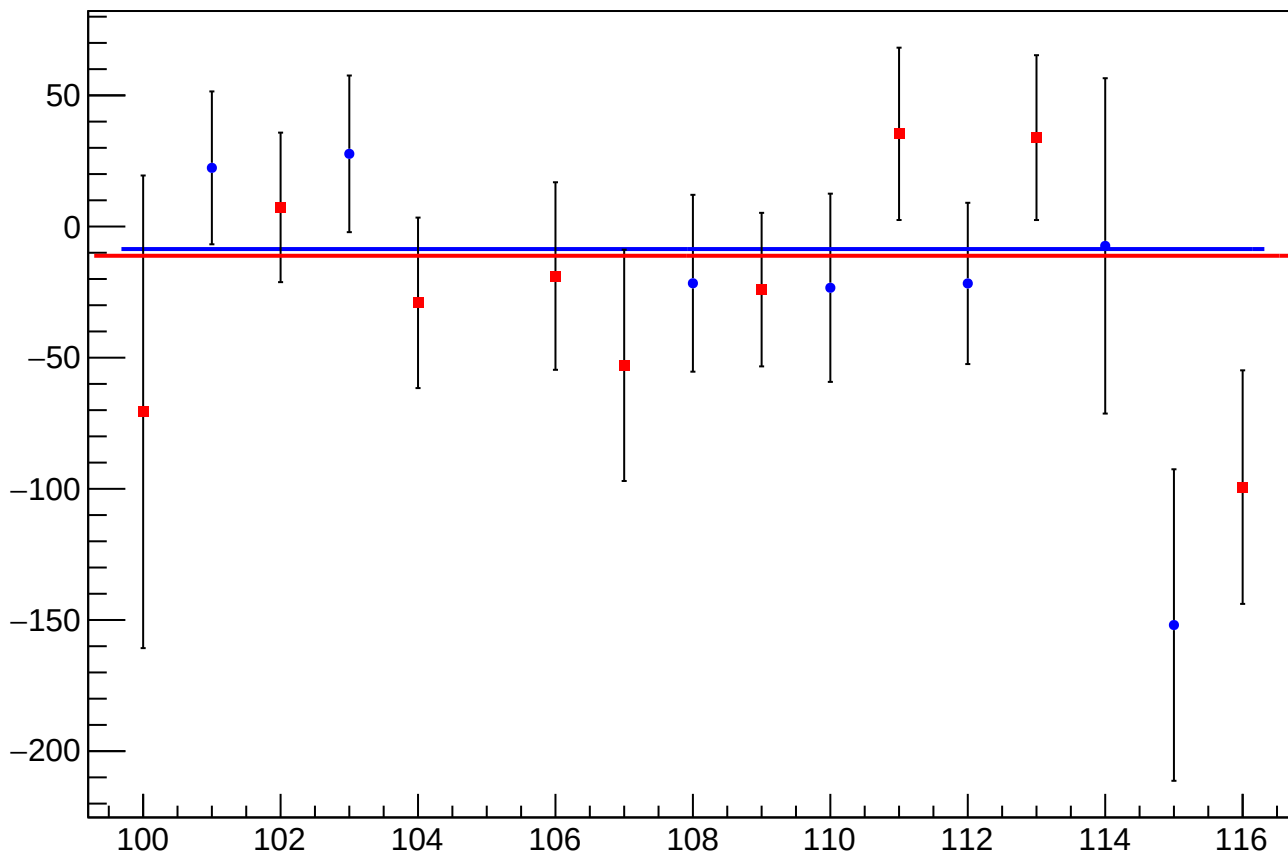
Right: 17.148+/-0.005 χ^2/NDF : 52640.2/15

In: 17.127+/-0.007 χ^2/NDF : 27540.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.148+/-0.005 χ^2/NDF : 52640.2/15

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.586+/-13.432 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.148+/-11.777 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

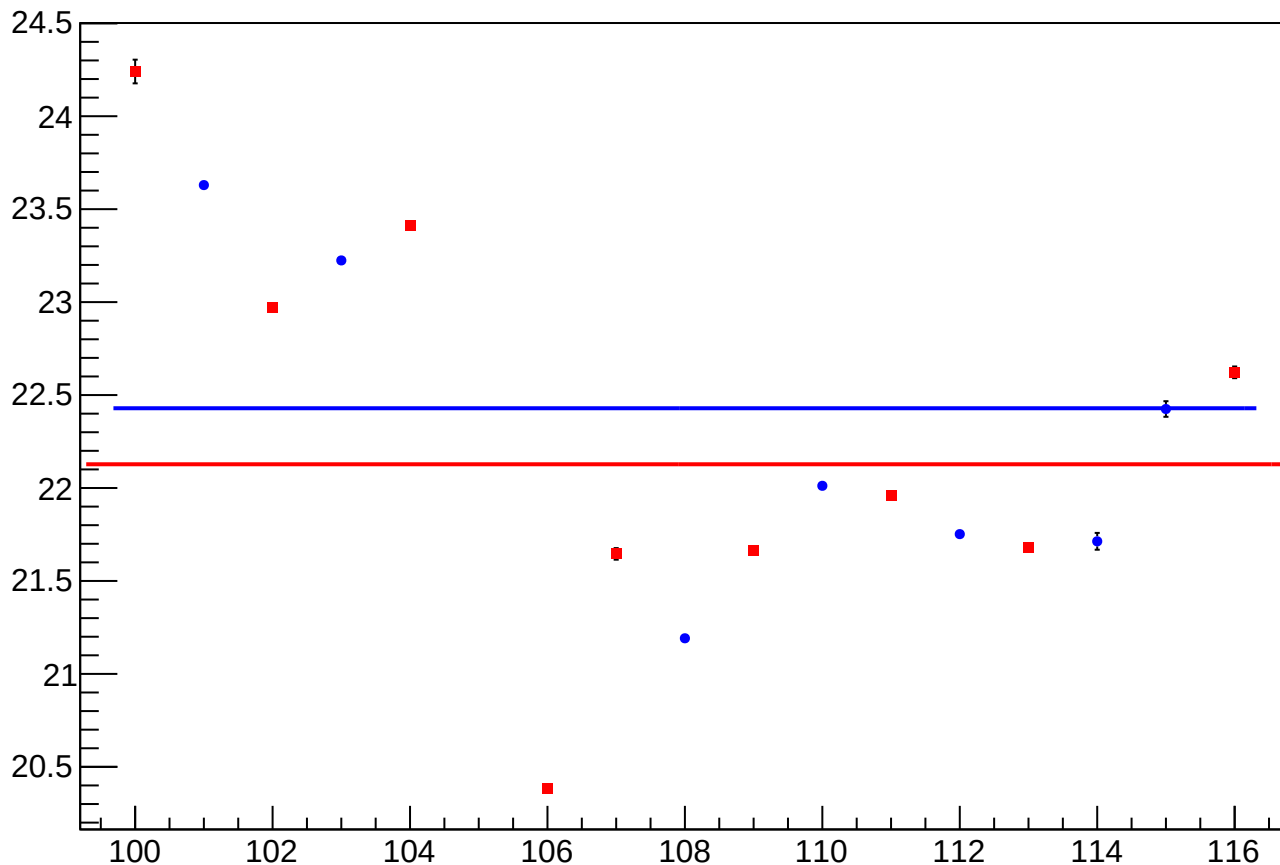
Right: -10.034+/-8.855 χ^2/NDF : 19.2/15

In: -8.586+/-13.432 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.034+/-8.855 χ^2/NDF : 19.2/15

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.429+/-0.009 χ^2/NDF : 8999.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.128+/-0.008 χ^2/NDF : 12188.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

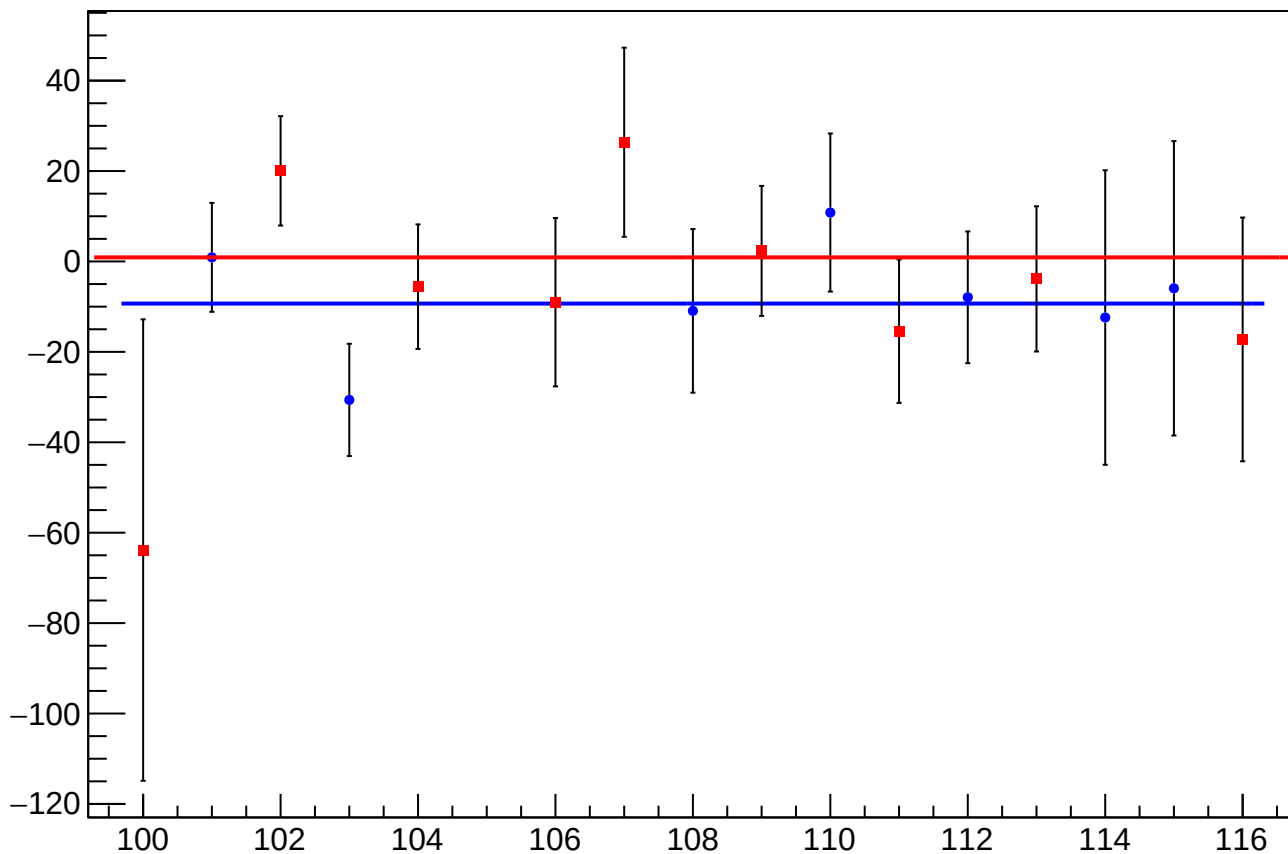
Right: 22.259+/-0.006 χ^2/NDF : 21757.0/15

In: 22.429+/-0.009 χ^2/NDF : 8999.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.259+/-0.006 χ^2/NDF : 21757.0/15

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.316+/-6.167 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.901+/-5.615 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

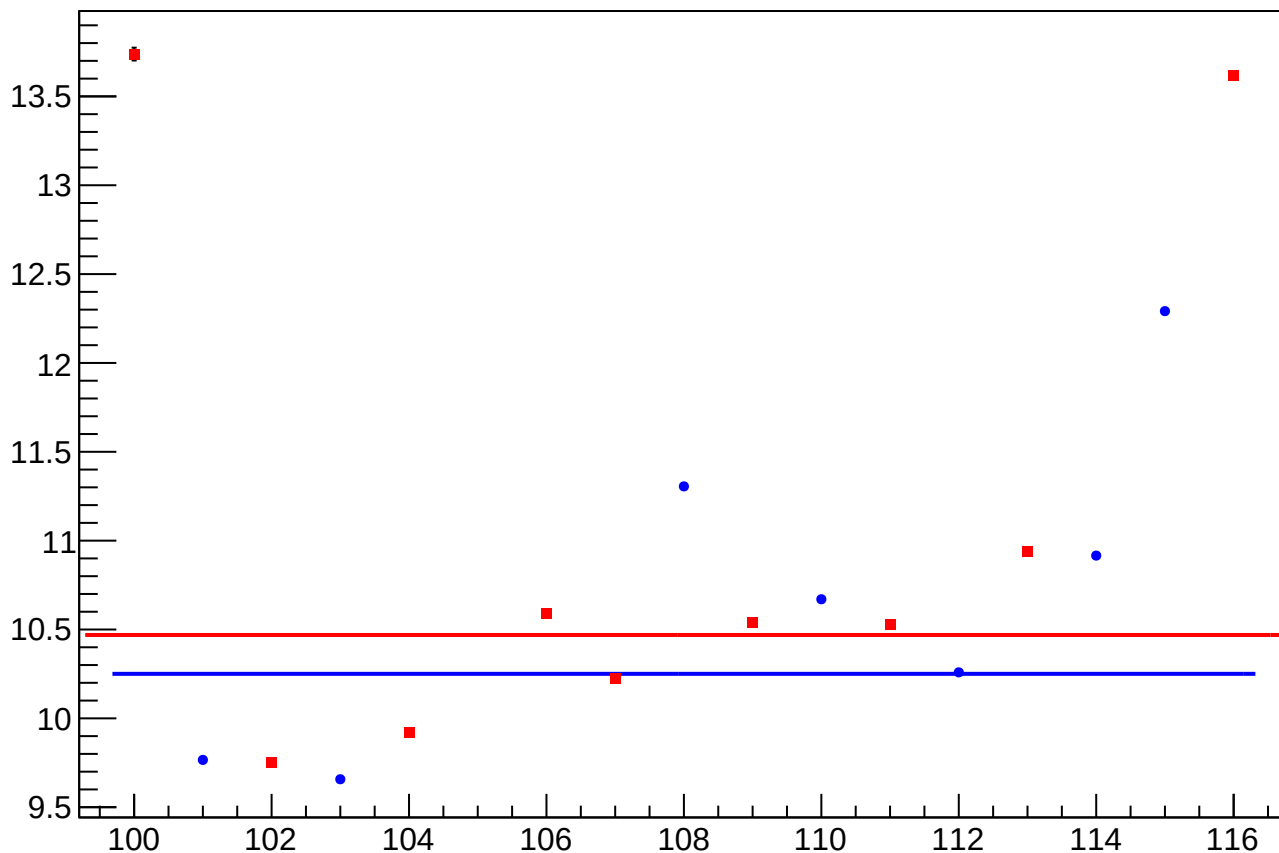
Right: -3.730+/-4.152 χ^2/NDF : 14.2/15

In: -9.316+/-6.167 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.730+/-4.152 χ^2/NDF : 14.2/15

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.251+/-0.004 χ^2/NDF : 24435.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.469+/-0.004 χ^2/NDF : 47854.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

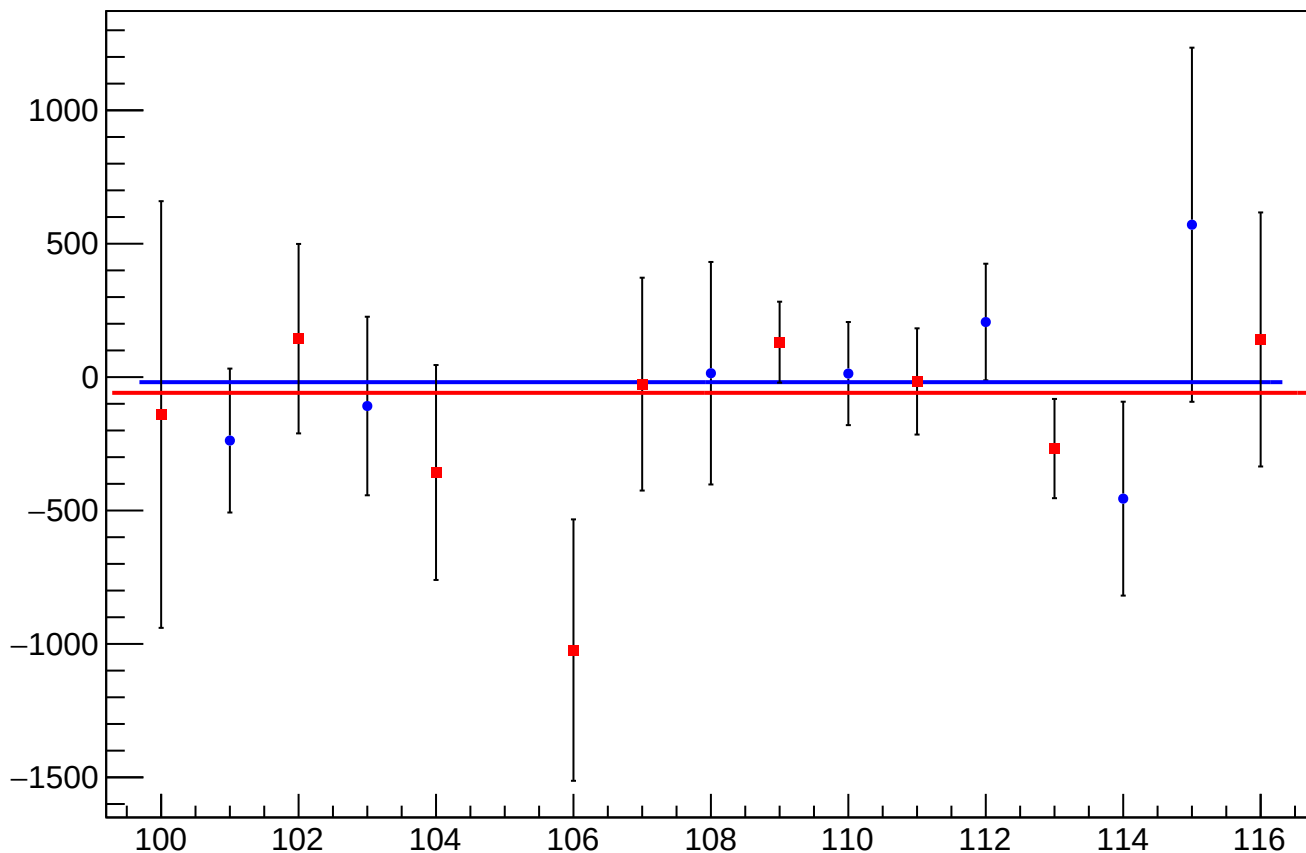
Right: 10.370+/-0.003 χ^2/NDF : 73664.7/15

In: 10.251+/-0.004 χ^2/NDF : 24435.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.370+/-0.003 χ^2/NDF : 73664.7/15

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -18.920+/-107.838 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.921+/-88.352 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

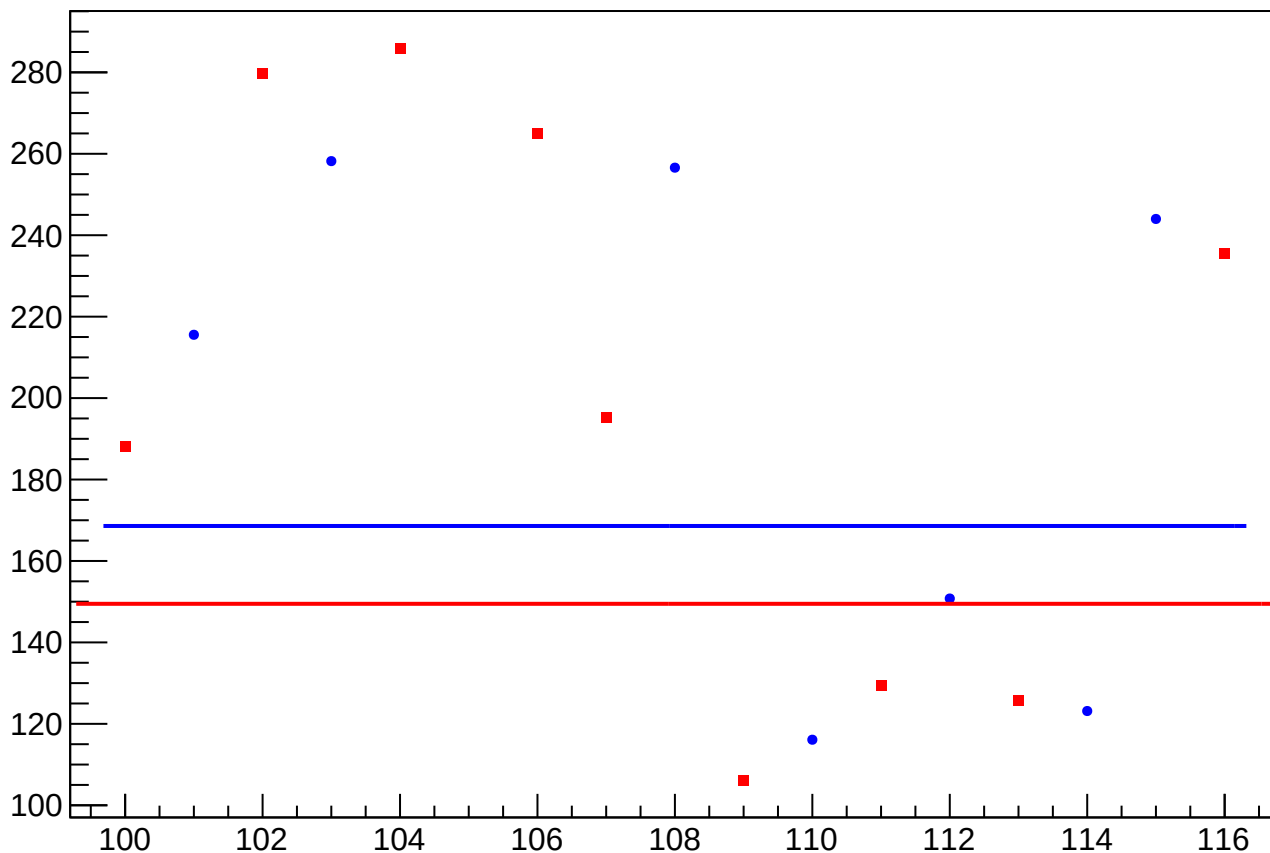
Right: -42.855+/-68.343 χ^2/NDF : 12.0/15

In: -18.920+/-107.838 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.855+/-68.343 χ^2/NDF : 12.0/15

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 168.594+/-0.076 χ^2/NDF : 511079.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.478+/-0.062 χ^2/NDF : 921900.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

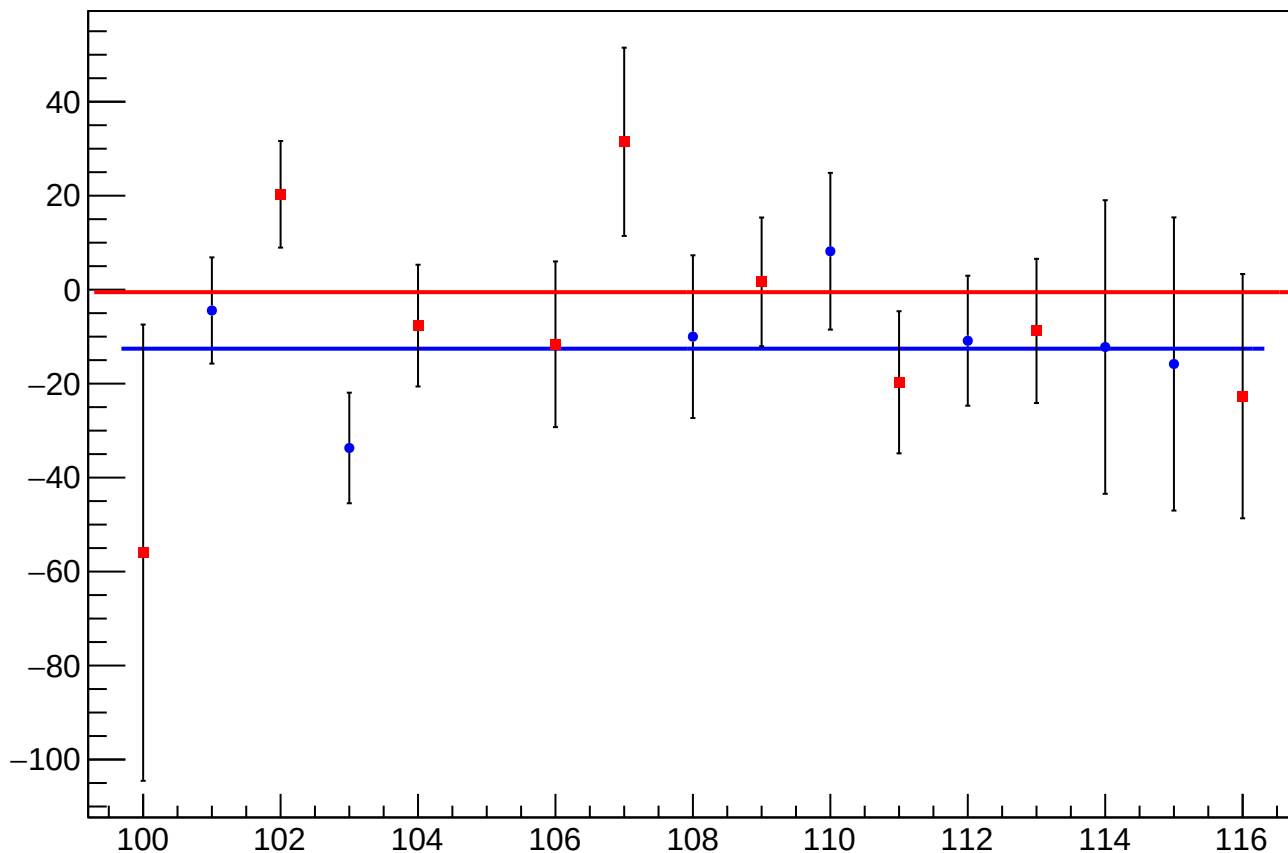
Right: 157.156+/-0.048 χ^2/NDF : 1470584.7/15

In: 168.594+/-0.076 χ^2/NDF : 511079.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.156+/-0.048 χ^2/NDF : 1470584.7/15

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.562+/-5.847 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.538+/-5.324 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

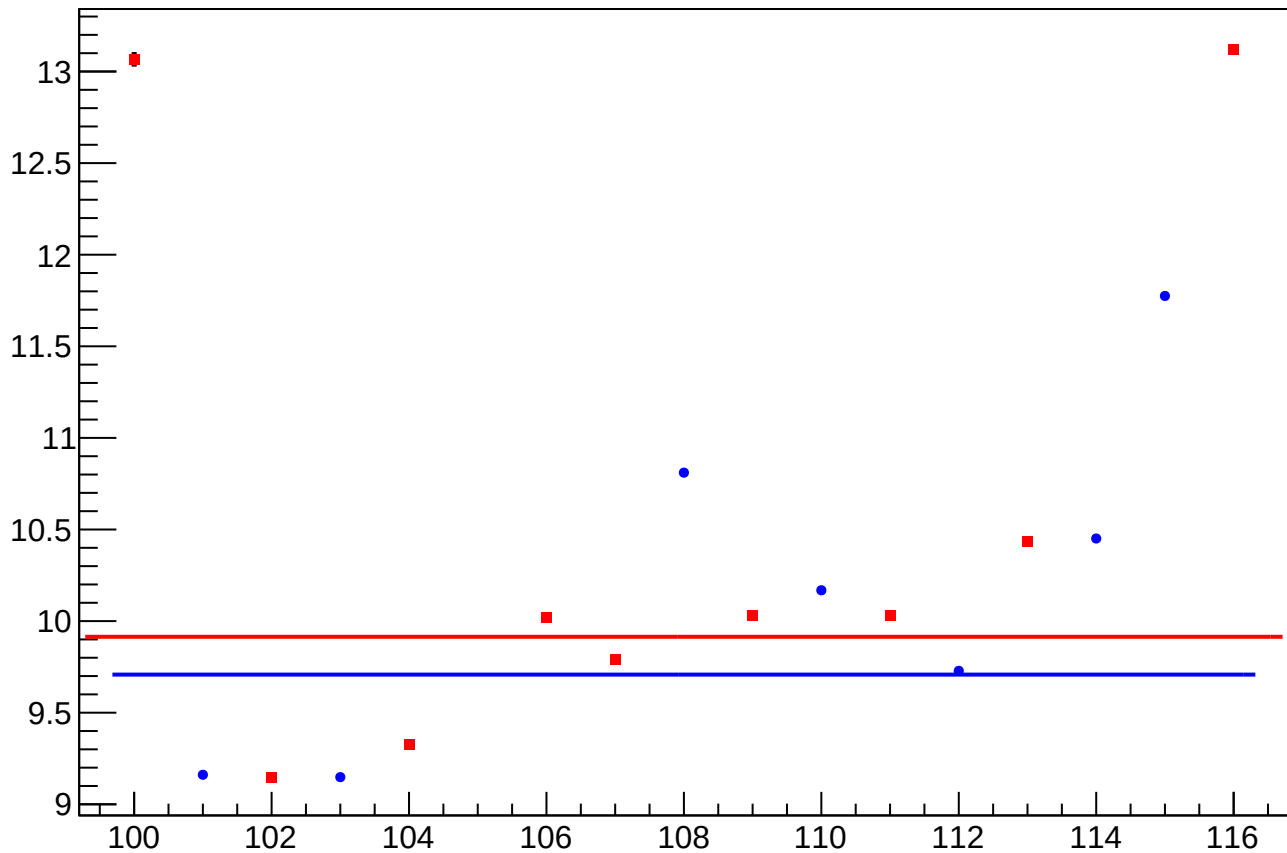
Right: -5.989+/-3.937 χ^2/NDF : 18.2/15

In: -12.562+/-5.847 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.989+/-3.937 χ^2/NDF : 18.2/15

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.708+/-0.004 χ^2/NDF : 28743.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.914+/-0.004 χ^2/NDF : 54853.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

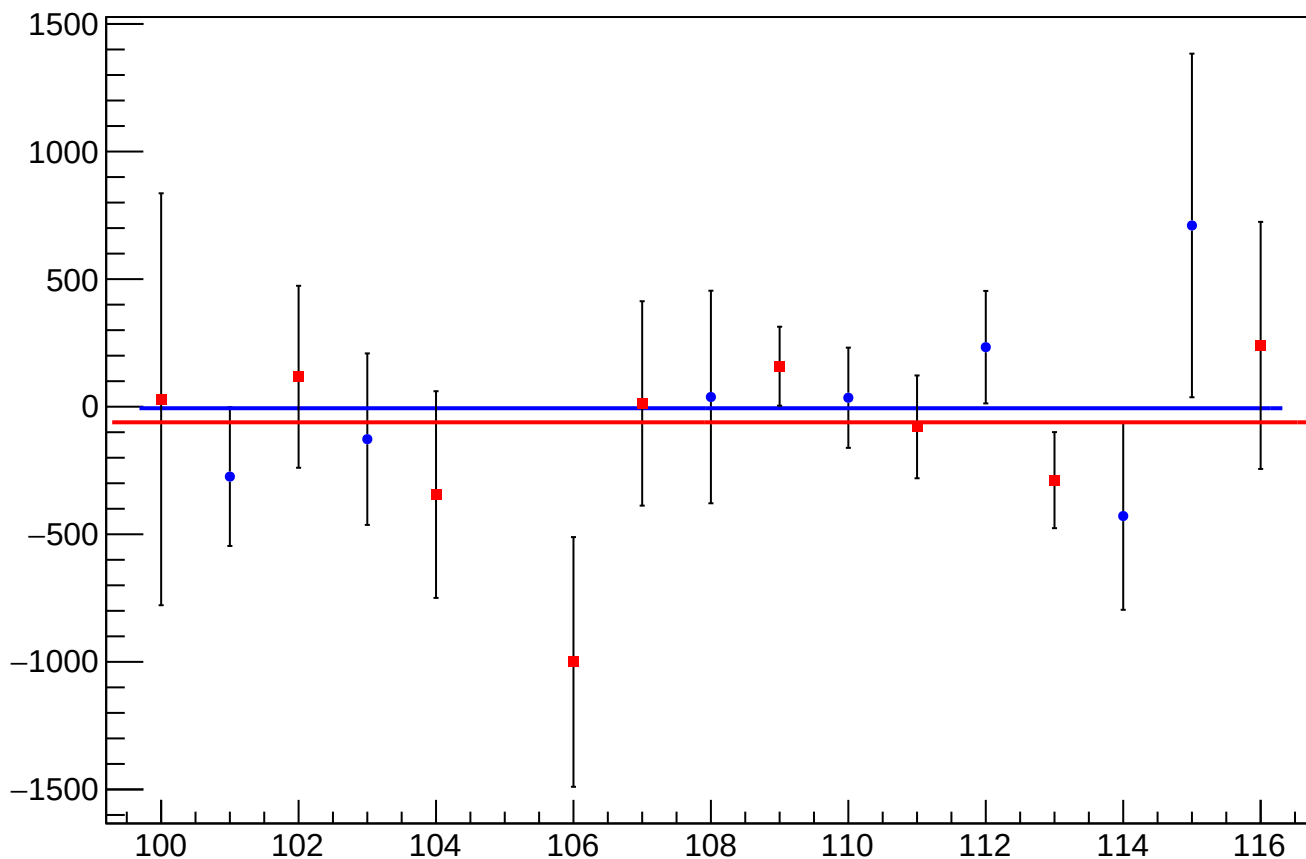
Right: 9.821+/-0.003 χ^2/NDF : 84958.9/15

In: 9.708+/-0.004 χ^2/NDF : 28743.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.821+/-0.003 χ^2/NDF : 84958.9/15

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -5.995+/-108.926 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.190+/-89.503 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

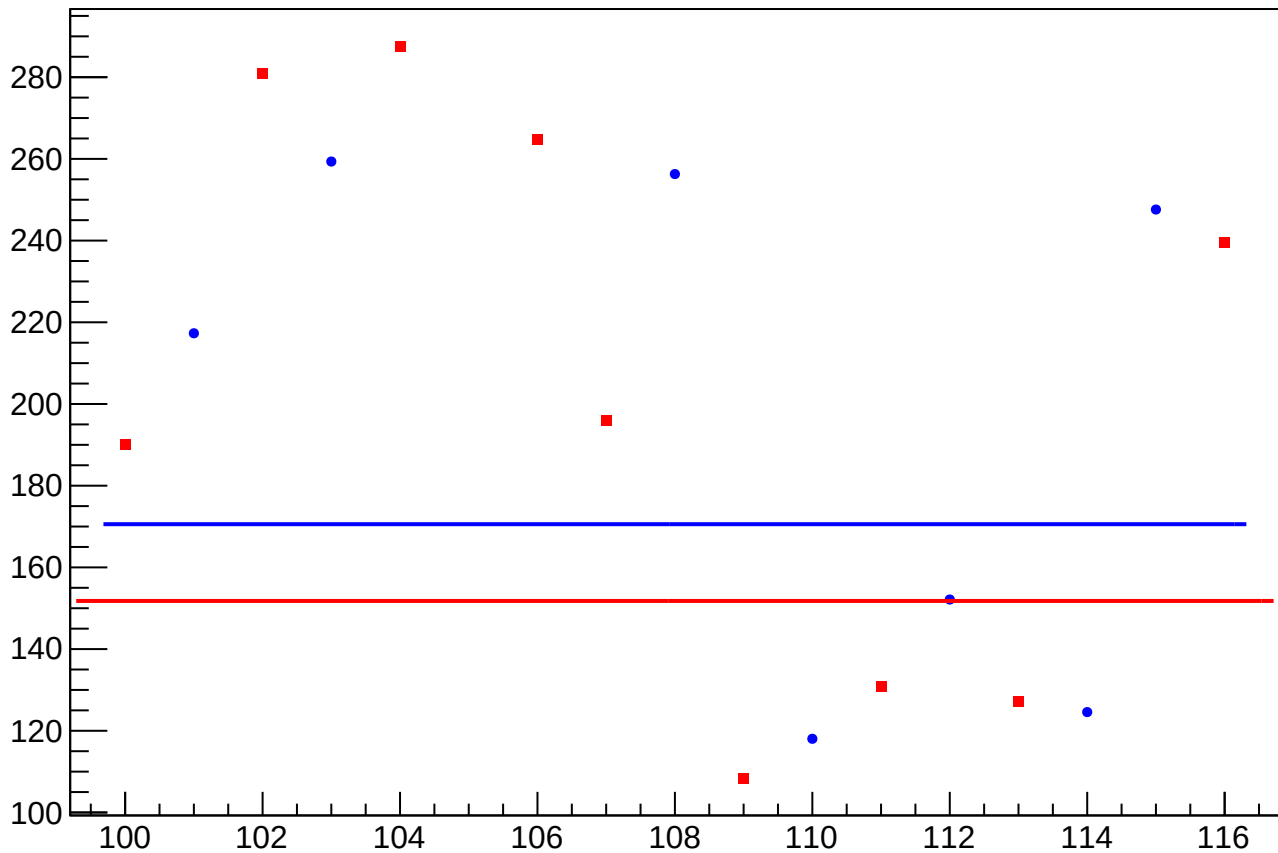
Right: -38.944+/-69.152 χ^2/NDF : 13.3/15

In: -5.995+/-108.926 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.944+/-69.152 χ^2/NDF : 13.3/15

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.573+/-0.077 χ^2/NDF : 498064.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.784+/-0.063 χ^2/NDF : 900859.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

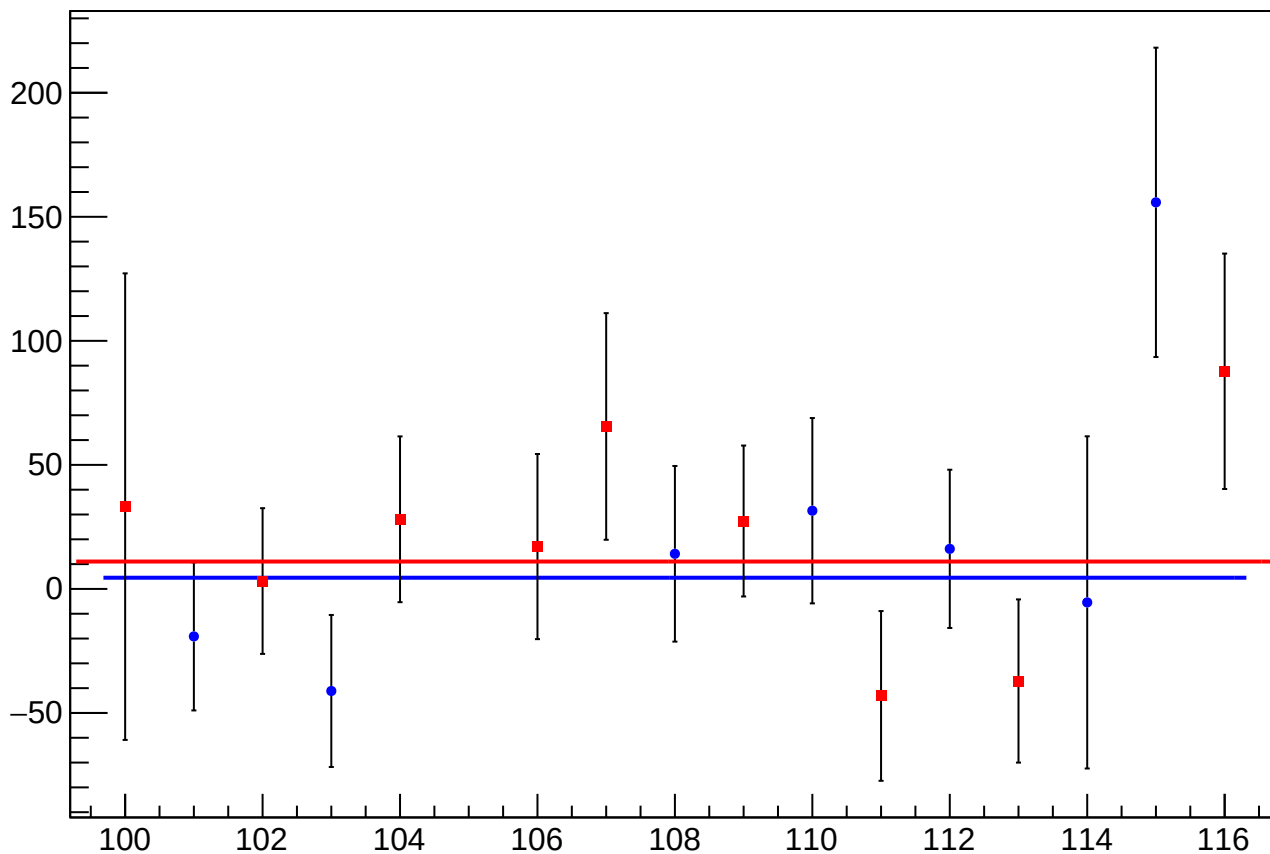
Right: 159.357+/-0.049 χ^2/NDF : 1434446.6/15

In: 170.573+/-0.077 χ^2/NDF : 498064.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.357+/-0.049 χ^2/NDF : 1434446.6/15

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.515+/-13.913 χ^2/NDF : 9.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.040+/-12.245 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

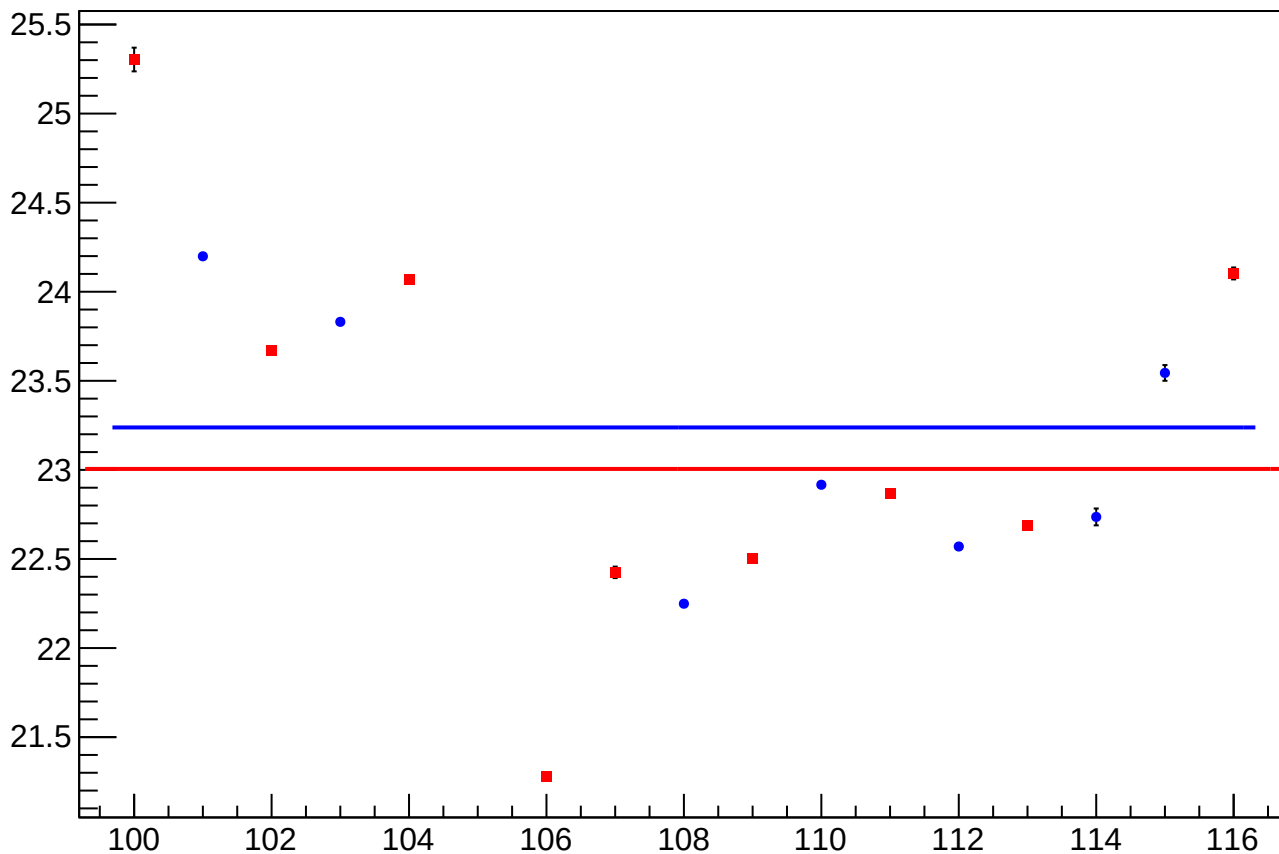
Right: 8.192+/-9.192 χ^2/NDF : 19.0/15

In: 4.515+/-13.913 χ^2/NDF : 9.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.192+/-9.192 χ^2/NDF : 19.0/15

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.238+/-0.010 χ^2/NDF : 5570.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.005+/-0.009 χ^2/NDF : 10667.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

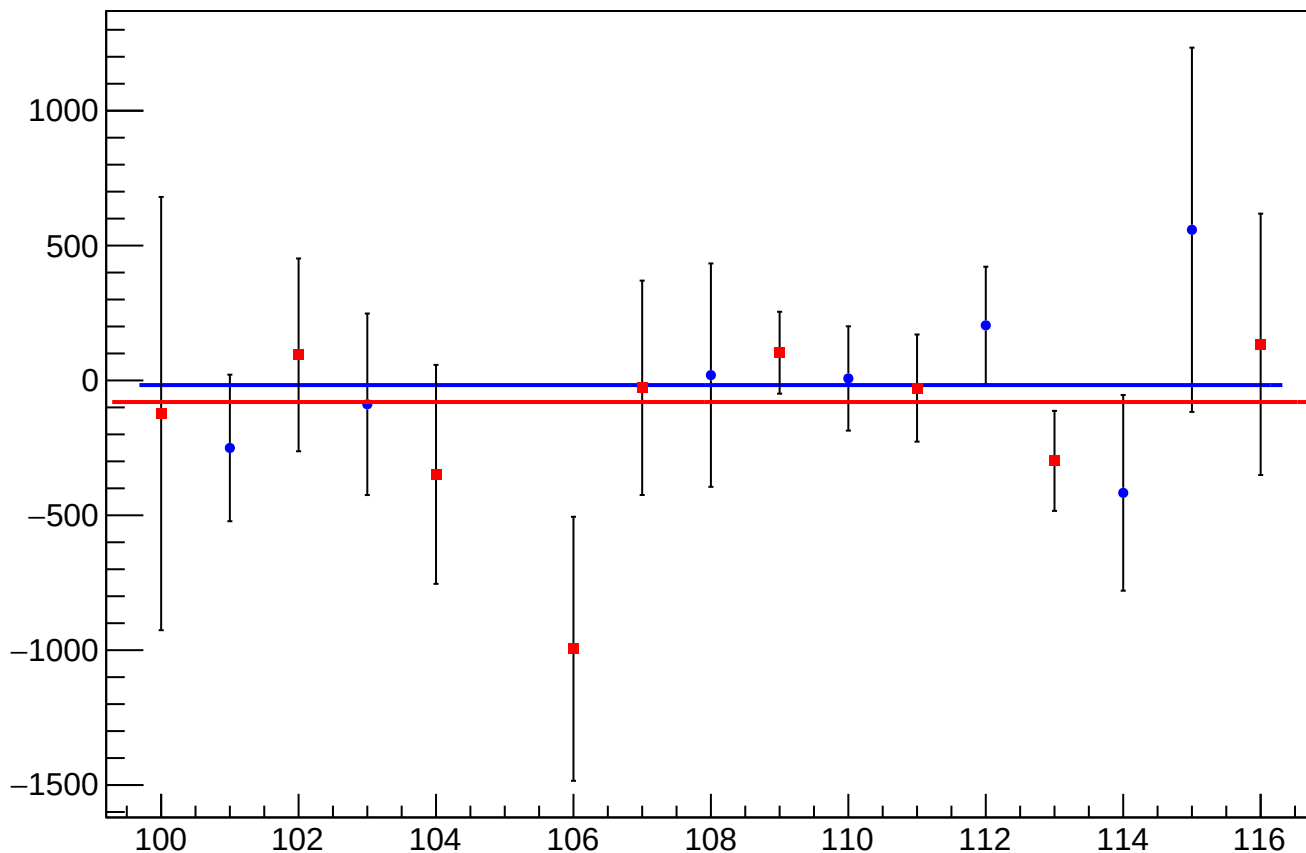
Right: 23.107+/-0.006 χ^2/NDF : 16554.2/15

In: 23.238+/-0.010 χ^2/NDF : 5570.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.107+/-0.006 χ^2/NDF : 16554.2/15

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -17.195+/-107.889 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -80.063+/-88.382 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

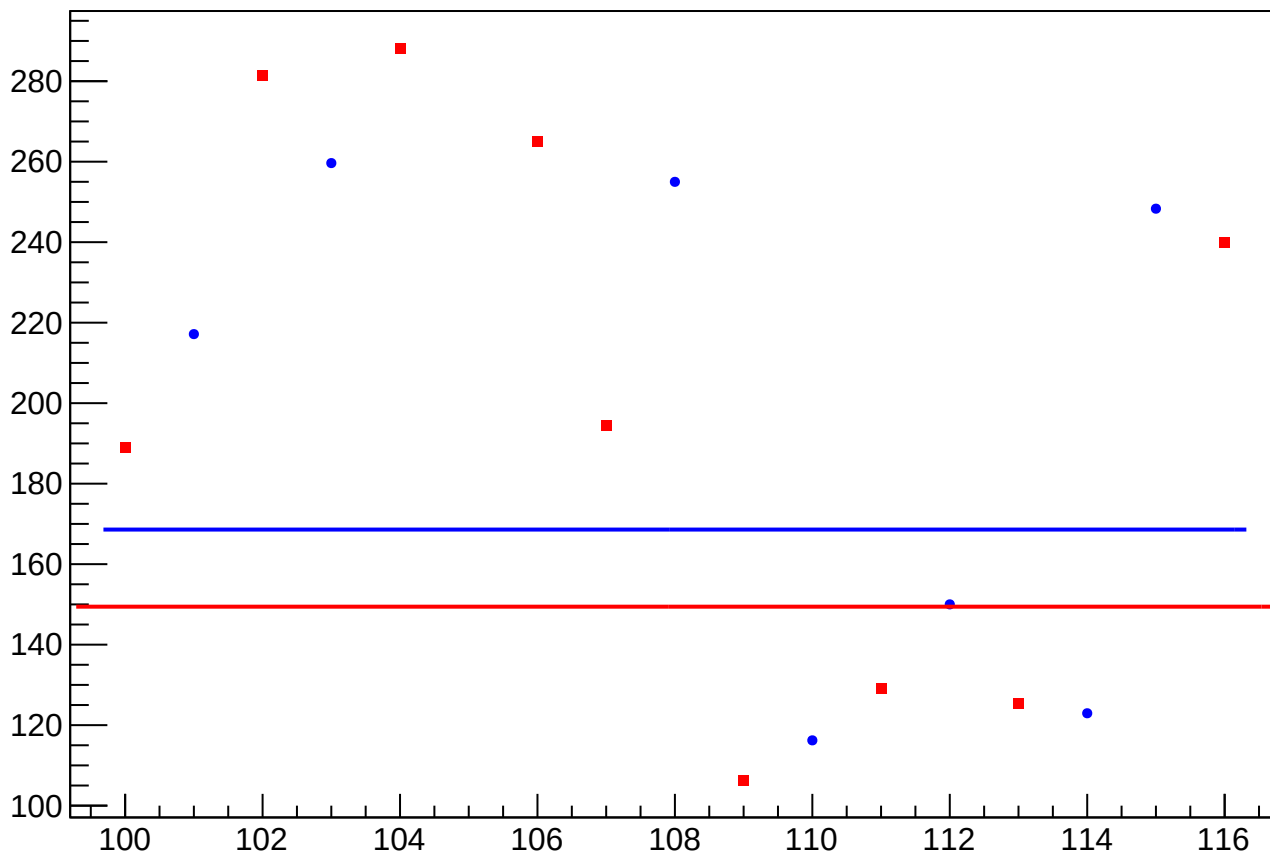
Right: -54.817+/-68.370 χ^2/NDF : 11.3/15

In: -17.195+/-107.889 χ^2/NDF :3.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -54.817+/-68.370 χ^2/NDF : 11.3/15

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 168.595 $\pm$ 0.076 χ^2 /NDF: 518287.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.437 $\pm$ 0.062 χ^2 /NDF: 934176.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

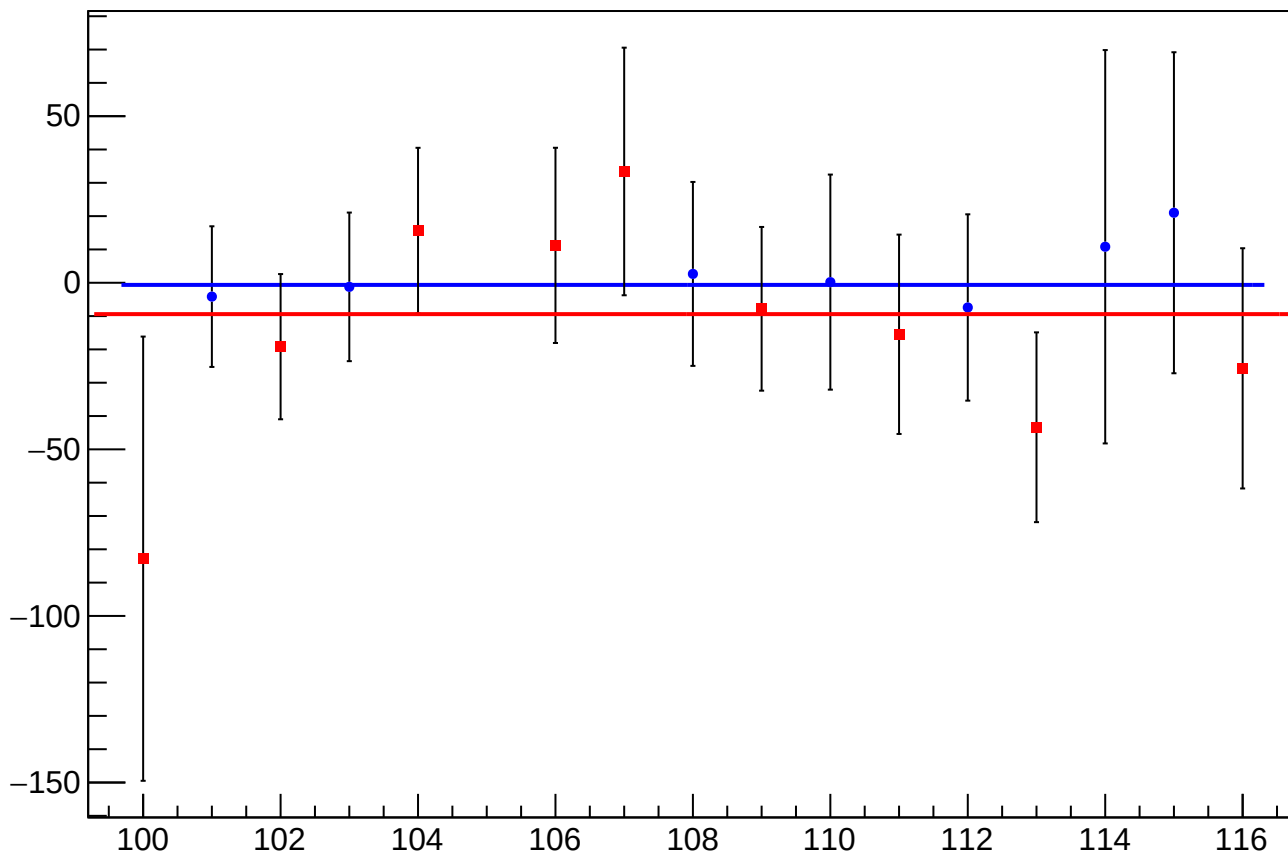
Right: 157.130 $\pm$ 0.048 χ^2 /NDF: 1490204.6/15

In: 168.595 $\pm$ 0.076 χ^2 /NDF:518287.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.130 $\pm$ 0.048 χ^2 /NDF: 1490204.6/15

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.639+/-10.831 χ^2/NDF : 0.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.411+/-9.707 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

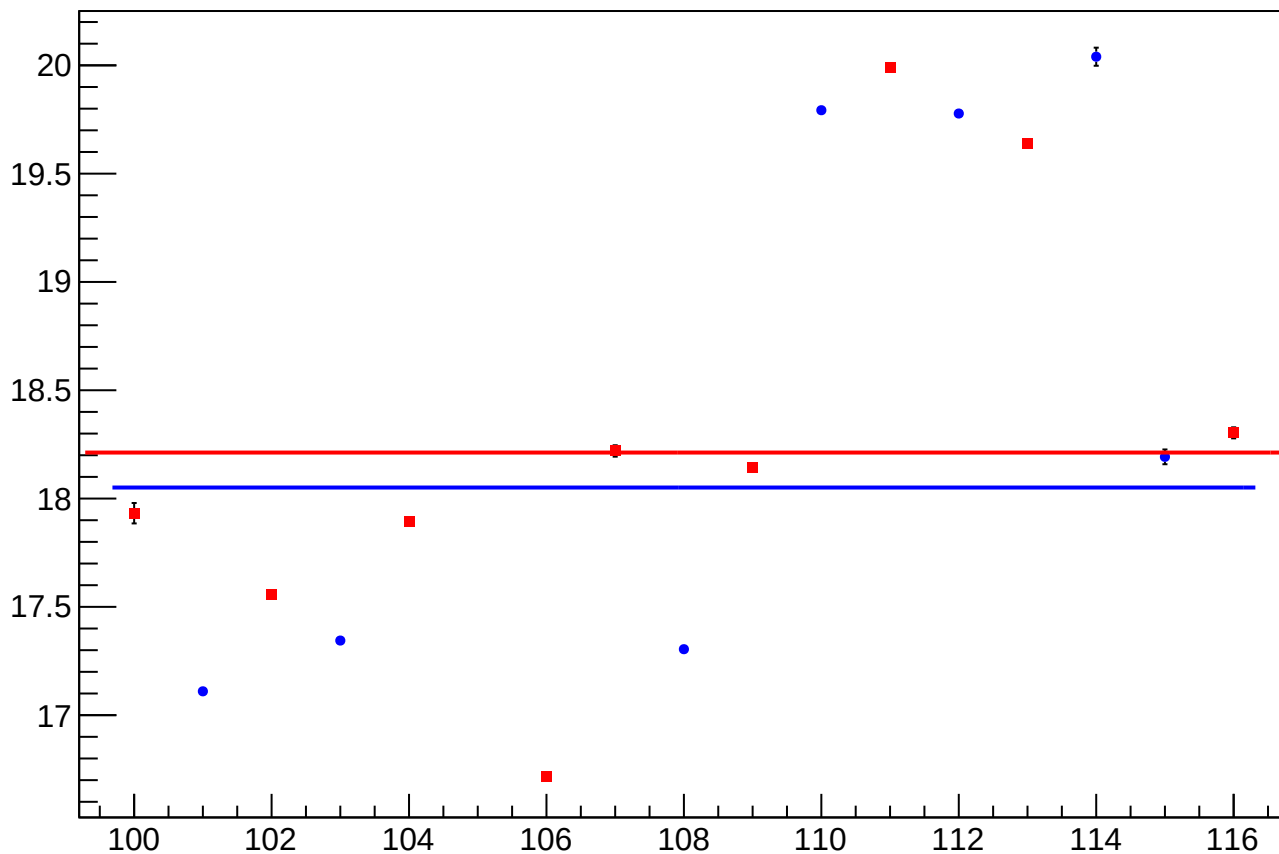
Right: -5.504+/-7.229 χ^2/NDF : 6.6/15

In: -0.639+/-10.831 χ^2/NDF : 0.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.504+/-7.229 χ^2/NDF : 6.6/15

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 18.051+/-0.008 χ^2/NDF : 23180.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.212+/-0.007 χ^2/NDF : 19484.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

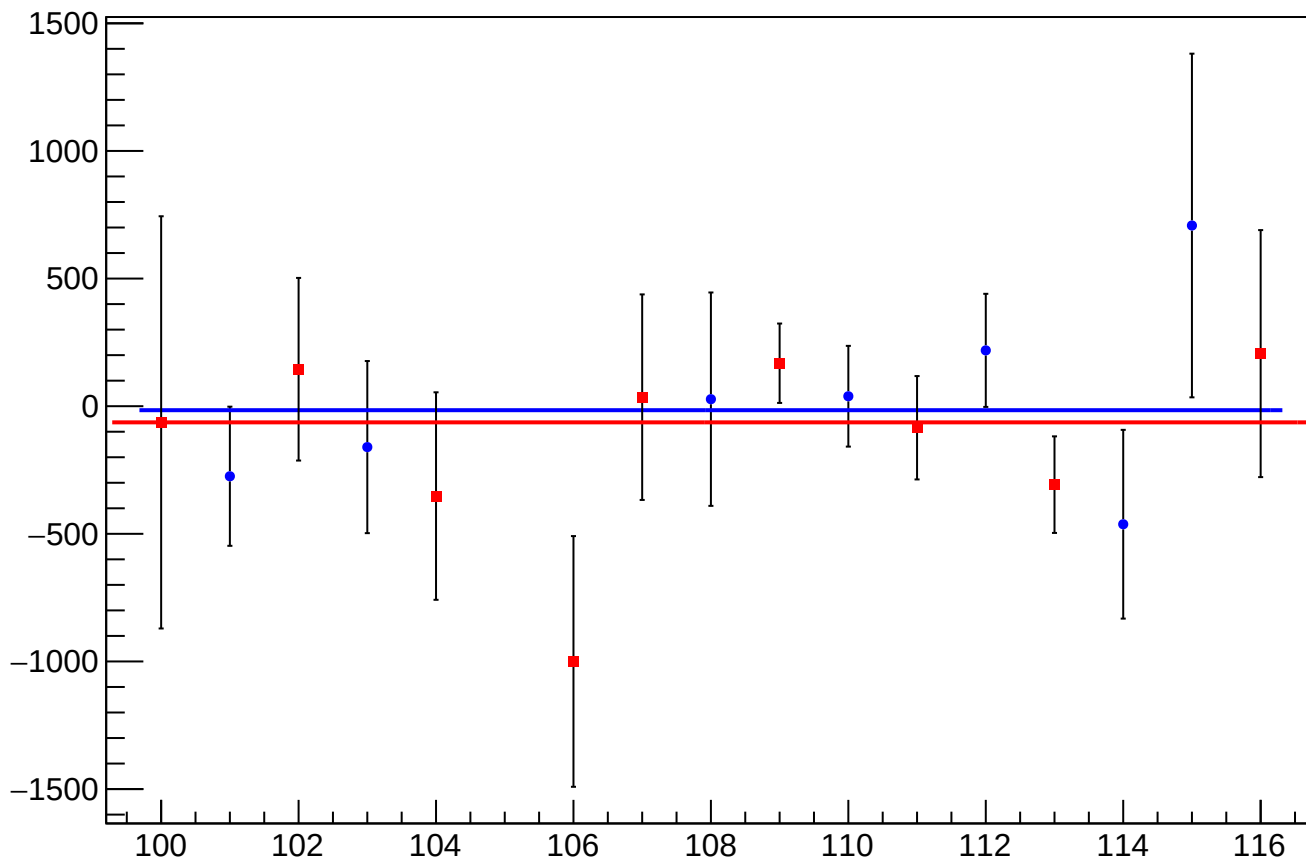
Right: 18.140+/-0.005 χ^2/NDF : 42910.6/15

In: 18.051+/-0.008 χ^2/NDF : 23180.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.140+/-0.005 χ^2/NDF : 42910.6/15

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -15.663+/-109.401 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.336+/-89.924 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

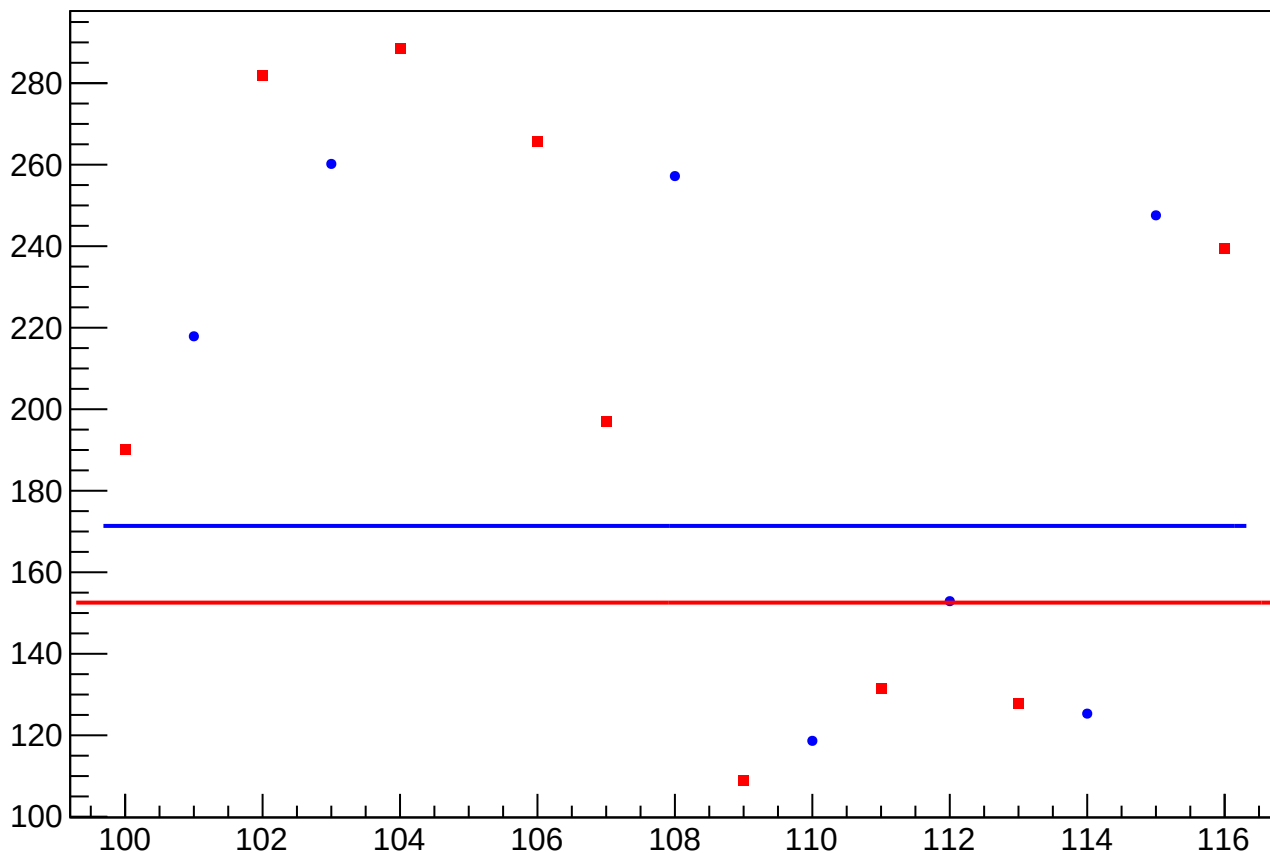
Right: -44.114+/-69.468 χ^2/NDF : 13.8/15

In: -15.663+/-109.401 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.114+/-69.468 χ^2/NDF : 13.8/15

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.374+/-0.077 χ^2/NDF : 494689.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.557+/-0.064 χ^2/NDF : 896536.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

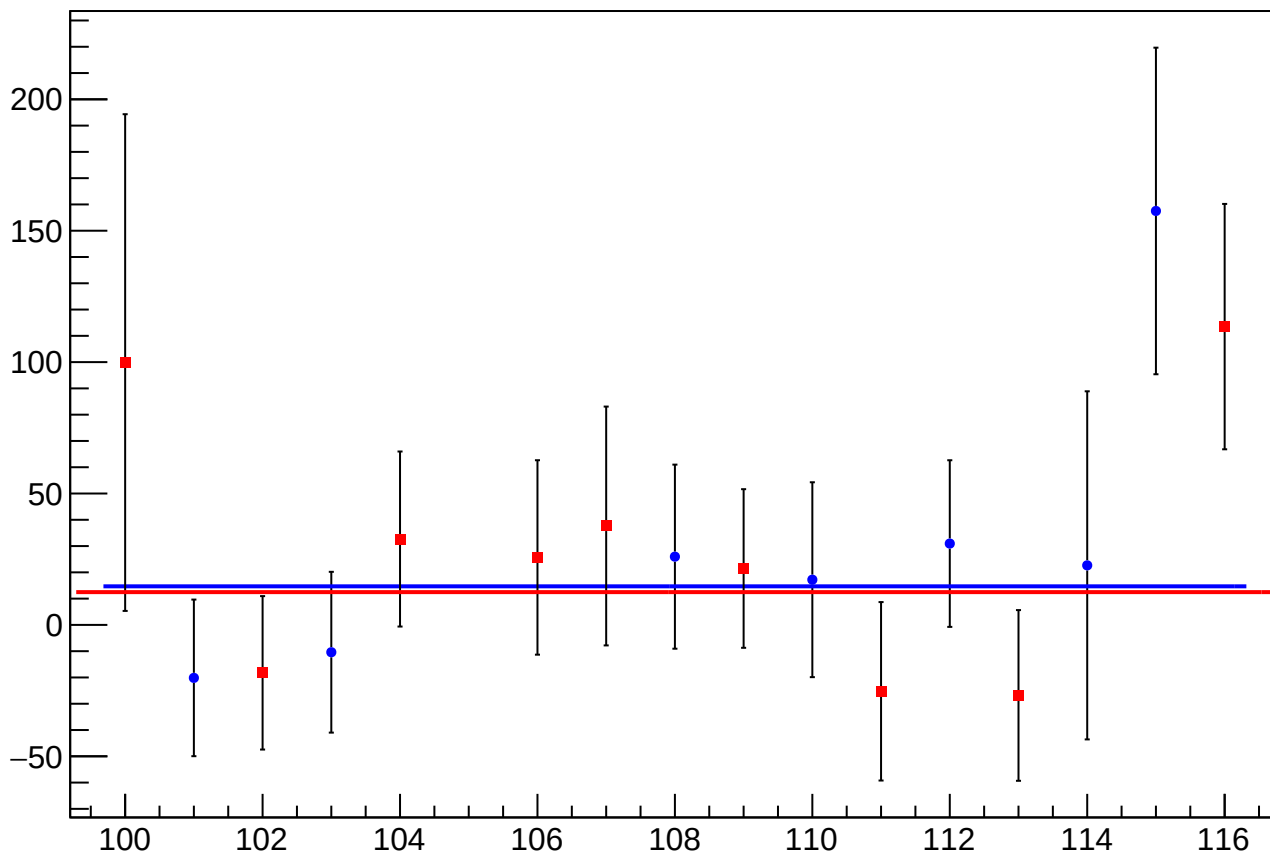
Right: 160.144+/-0.049 χ^2/NDF : 1426535.5/15

In: 171.374+/-0.077 χ^2/NDF : 494689.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.144+/-0.049 χ^2/NDF : 1426535.5/15

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 14.680+/-13.842 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.475+/-12.150 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

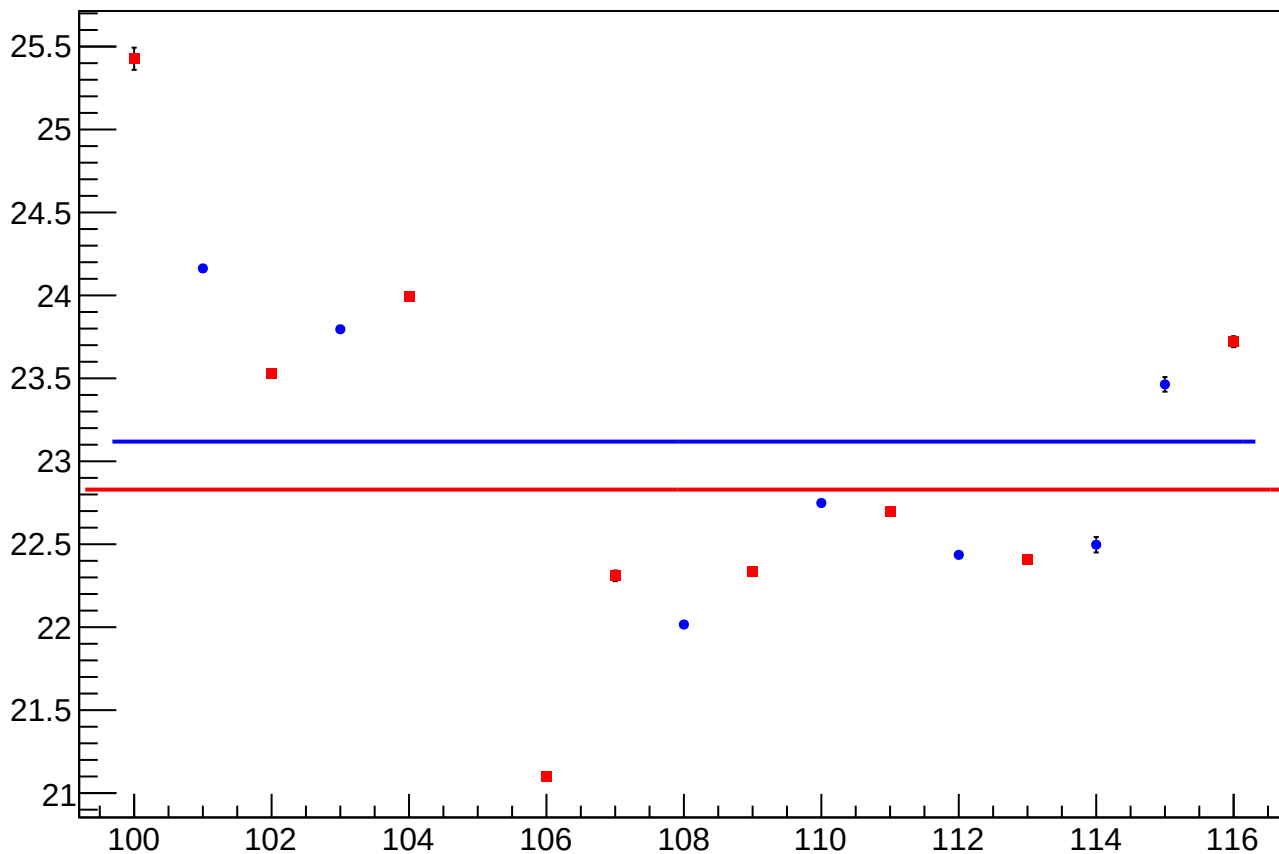
Right: 13.434+/-9.131 χ^2/NDF : 18.0/15

In: 14.680+/-13.842 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.434+/-9.131 χ^2/NDF : 18.0/15

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.119+/-0.010 χ^2/NDF : 6781.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.829+/-0.009 χ^2/NDF : 11365.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

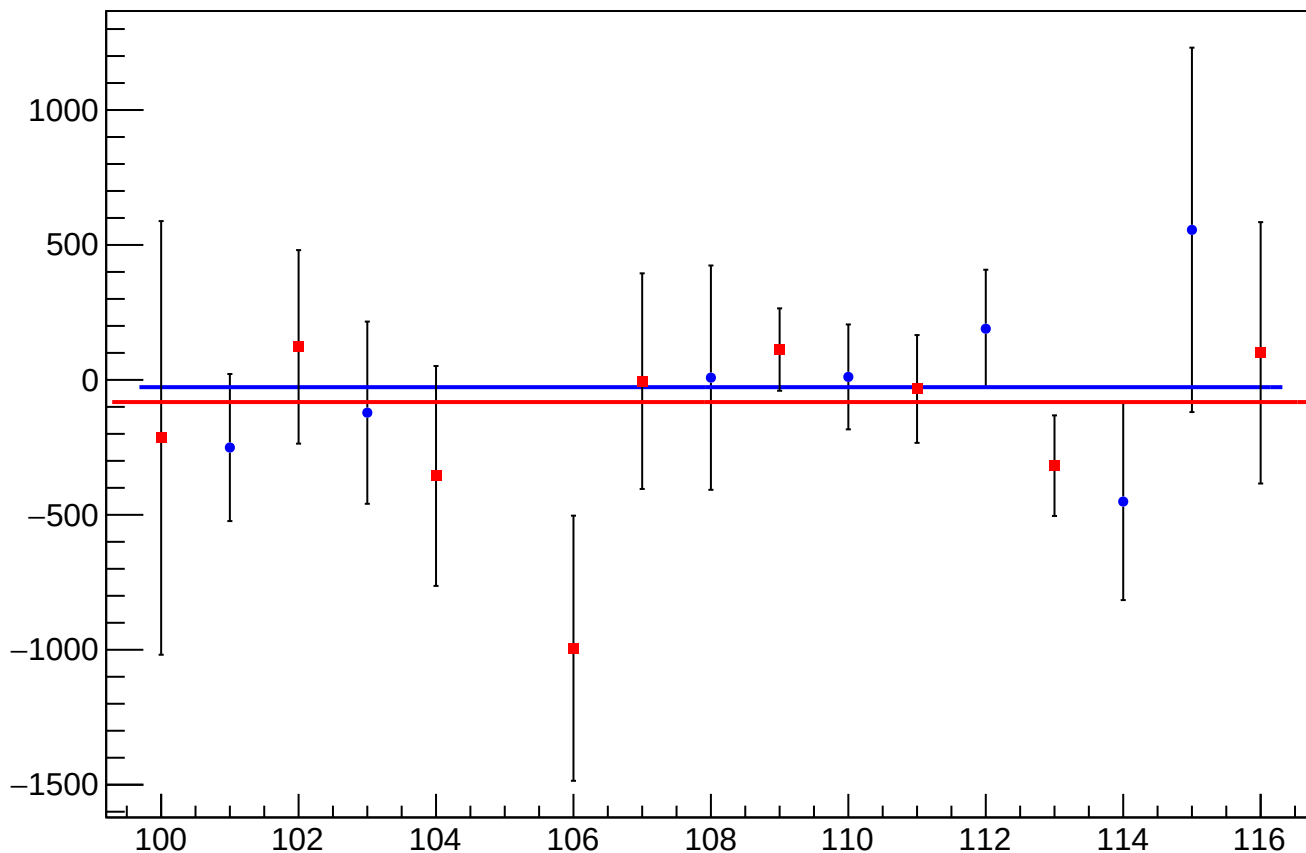
Right: 22.955+/-0.006 χ^2/NDF : 18640.5/15

In: 23.119+/-0.010 χ^2/NDF : 6781.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.955+/-0.006 χ^2/NDF : 18640.5/15

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -26.940+/-108.367 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.143+/-88.805 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

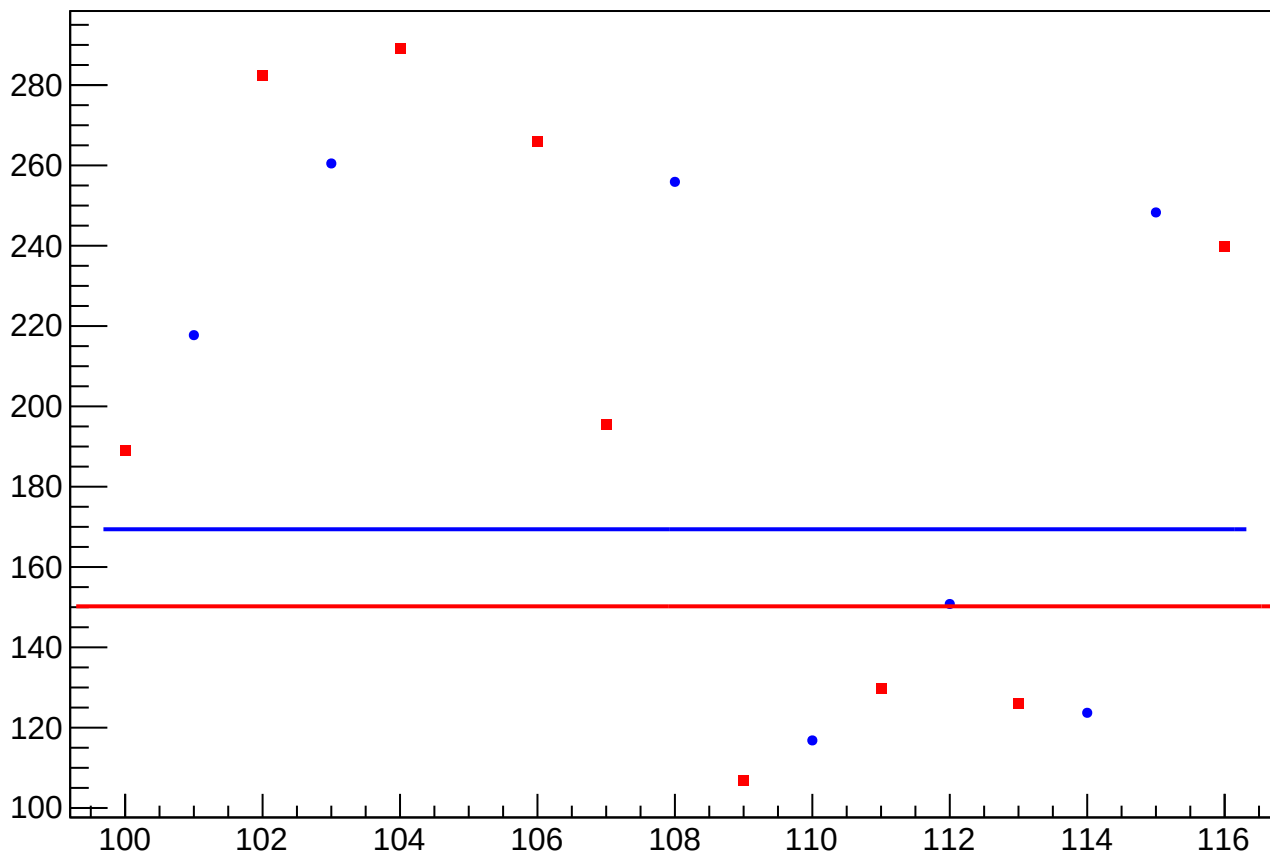
Right: -59.965+/-68.688 χ^2/NDF : 11.7/15

In: -26.940+/-108.367 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -59.965+/-68.688 χ^2/NDF : 11.7/15

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 169.401 $\pm$ 0.077 χ^2 /NDF: 514729.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.214 $\pm$ 0.063 χ^2 /NDF: 929622.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

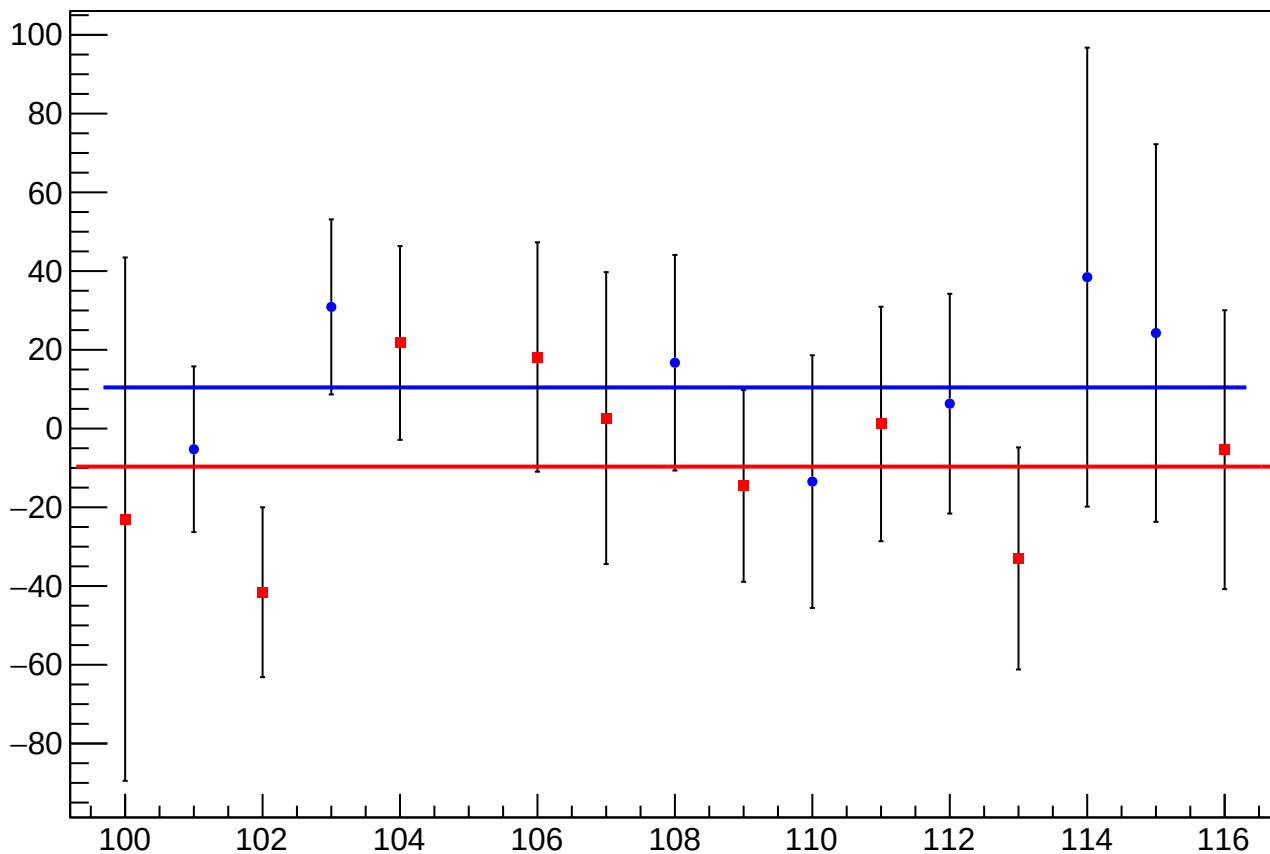
Right: 157.922 $\pm$ 0.049 χ^2 /NDF: 1481861.4/15

In: 169.401 $\pm$ 0.077 χ^2 /NDF:514729.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.922 $\pm$ 0.049 χ^2 /NDF: 1481861.4/15

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.450+/-10.785 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.660+/-9.623 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

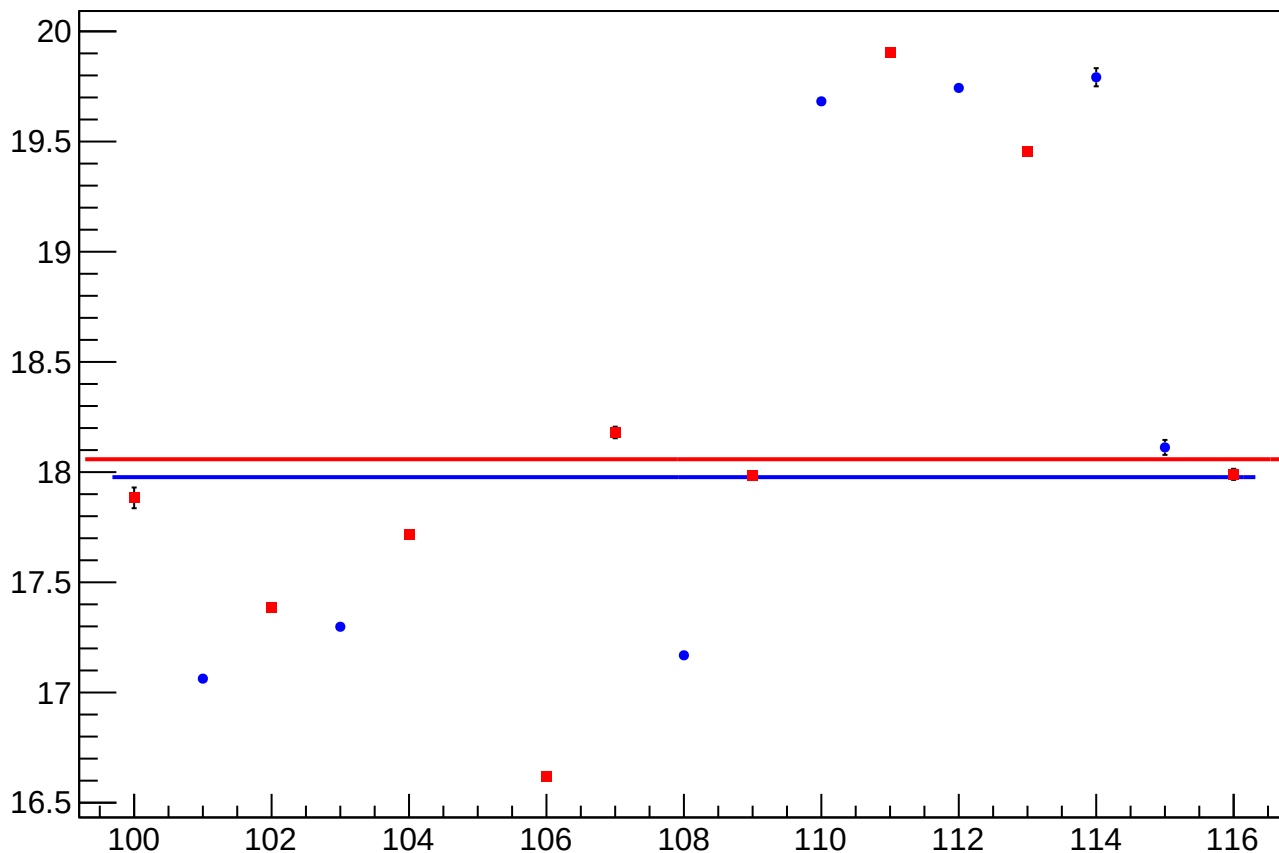
Right: -0.746+/-7.180 χ^2/NDF : 10.0/15

In: 10.450+/-10.785 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.746+/-7.180 χ^2/NDF : 10.0/15

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.977+/-0.008 χ^2/NDF : 22987.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.058+/-0.007 χ^2/NDF : 19870.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

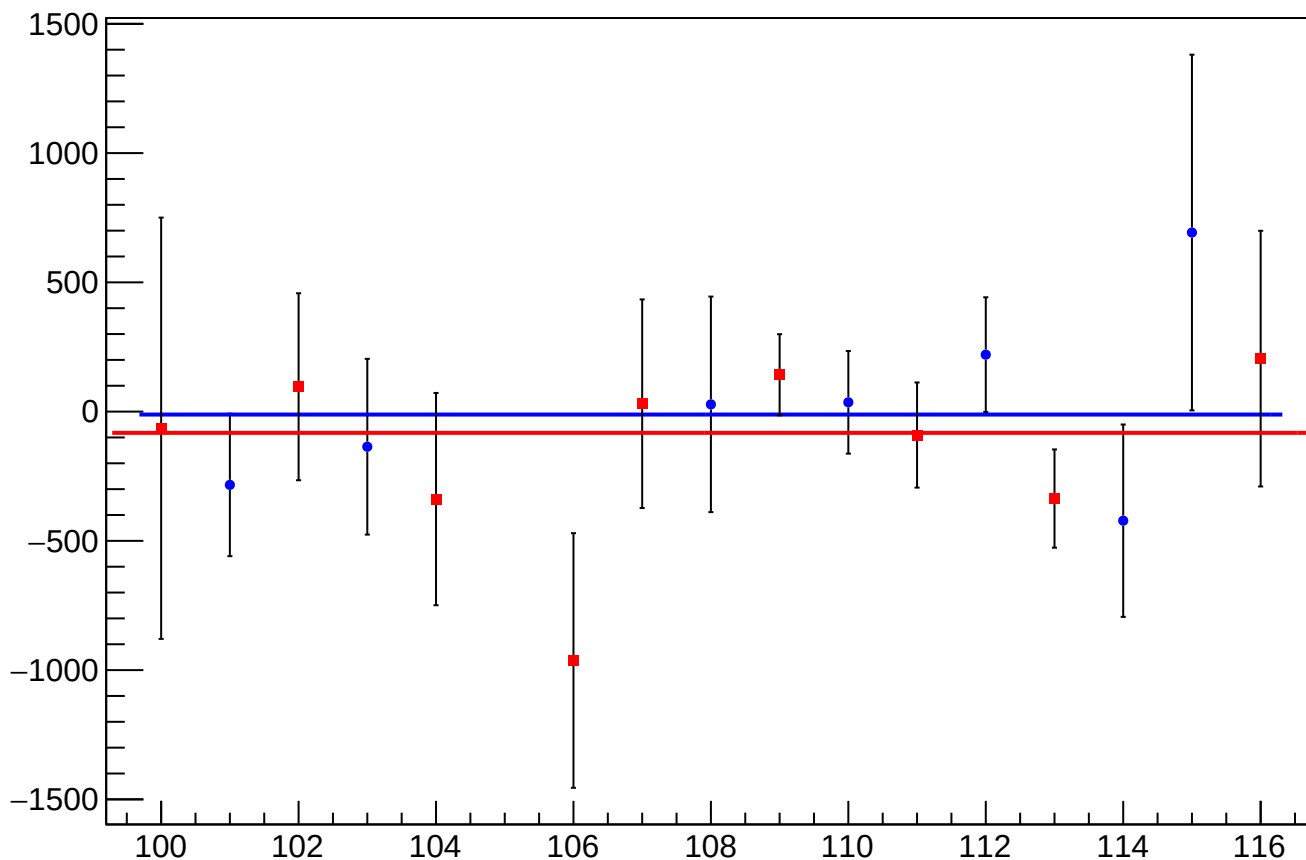
Right: 18.022+/-0.005 χ^2/NDF : 42921.0/15

In: 17.977+/-0.008 χ^2/NDF : 22987.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.022+/-0.005 χ^2/NDF : 42921.0/15

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -11.419+/-110.053 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.240+/-90.554 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

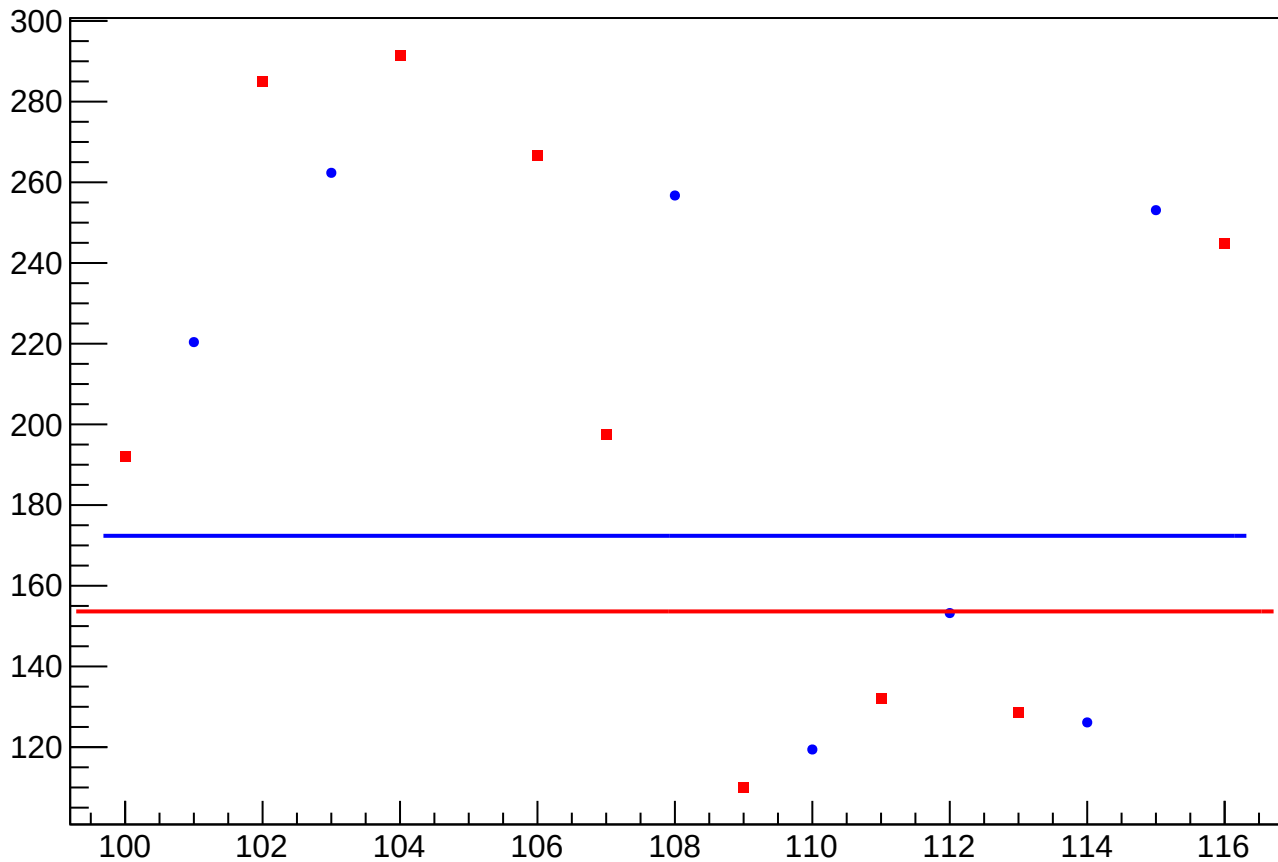
Right: -53.649+/-69.925 χ^2/NDF : 12.9/15

In: -11.419+/-110.053 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.649+/-69.925 χ^2/NDF : 12.9/15

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.380 $\pm$ 0.078 χ^2 /NDF: 498232.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.638 $\pm$ 0.064 χ^2 /NDF: 901638.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

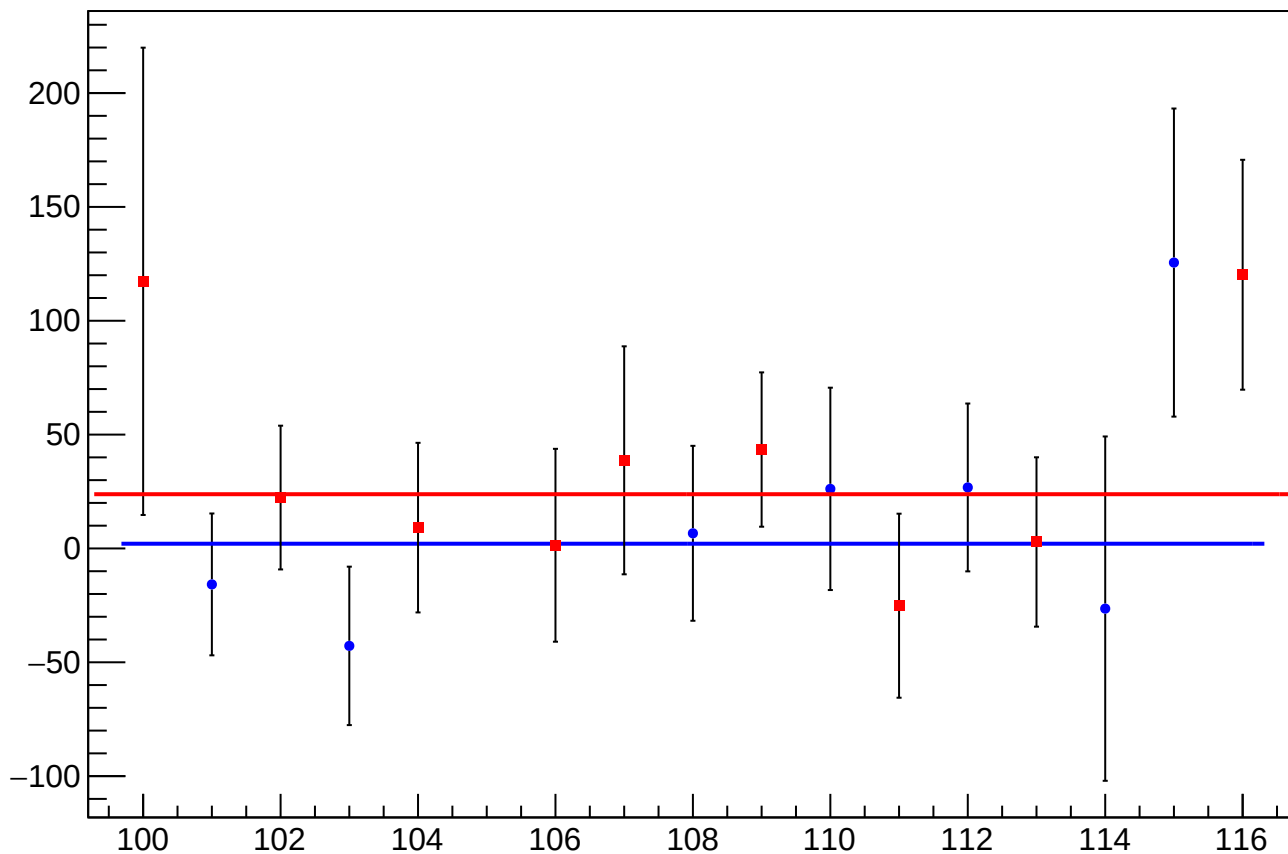
Right: 161.205 $\pm$ 0.049 χ^2 /NDF: 1434458.7/15

In: 172.380 $\pm$ 0.078 χ^2 /NDF:498232.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.205 $\pm$ 0.049 χ^2 /NDF: 1434458.7/15

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.075+/-15.485 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.823+/-13.641 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

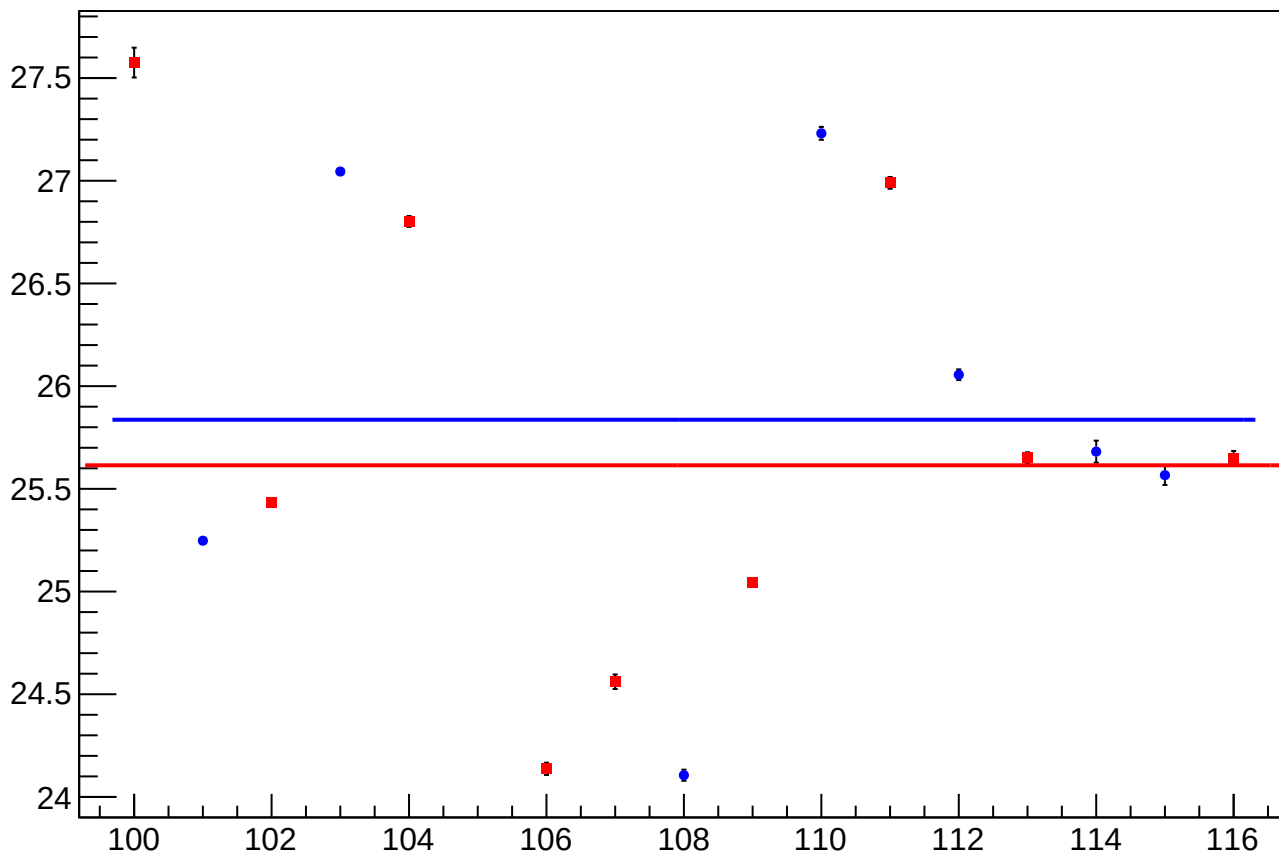
Right: 14.320+/-10.236 χ^2/NDF : 14.5/15

In: 2.075+/-15.485 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.320+/-10.236 χ^2/NDF : 14.5/15

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.836+/-0.011 χ^2/NDF : 9267.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.615+/-0.010 χ^2/NDF : 9036.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

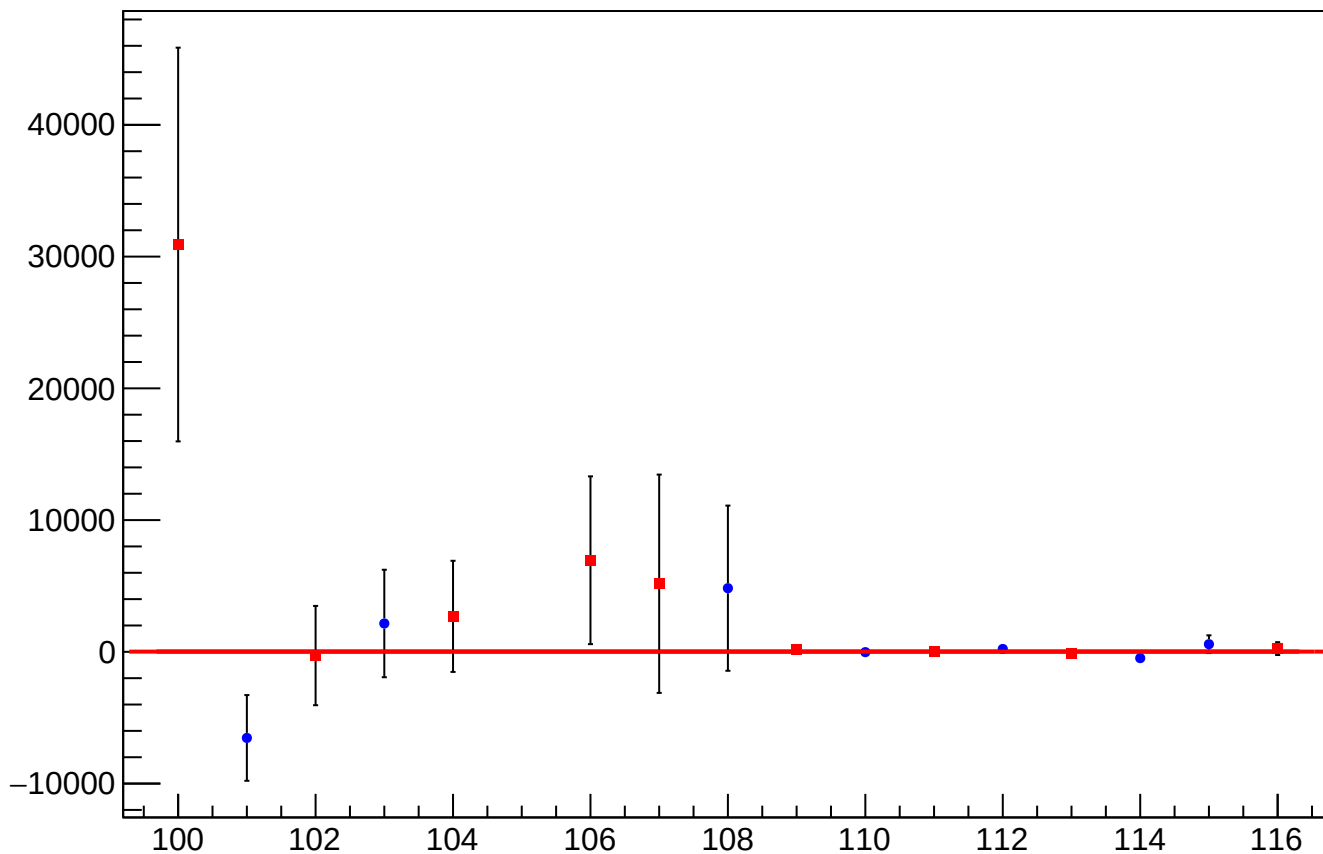
Right: 25.712+/-0.007 χ^2/NDF : 18535.2/15

In: 25.836+/-0.011 χ^2/NDF :9267.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.712+/-0.007 χ^2/NDF : 18535.2/15

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 21.237+/-132.188 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.668+/-111.135 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

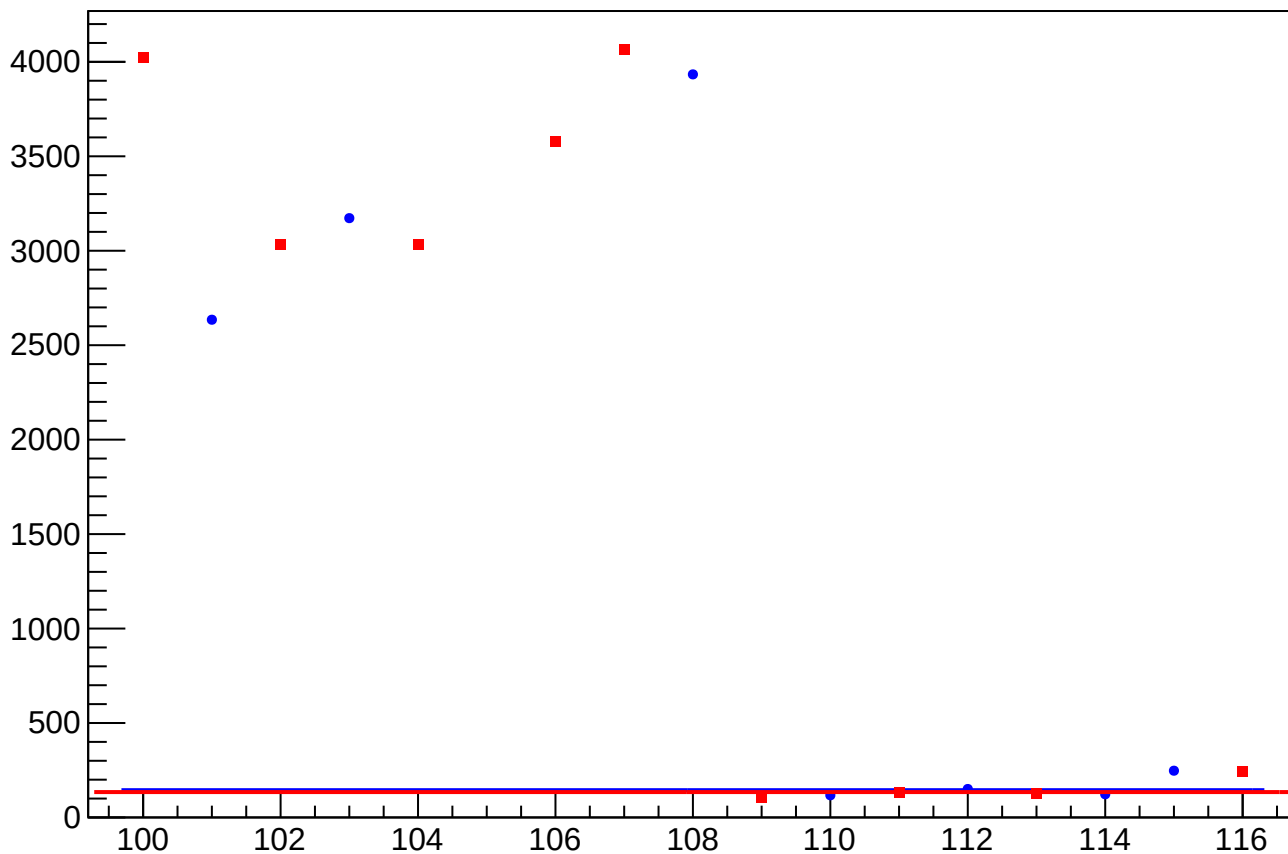
Right: 18.560+/-85.066 χ^2/NDF : 16.5/15

In: 21.237+/-132.188 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.560+/-85.066 χ^2/NDF : 16.5/15

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 144.410+/-0.093 χ^2/NDF : 3098524.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 134.369+/-0.079 χ^2/NDF : 3435286.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

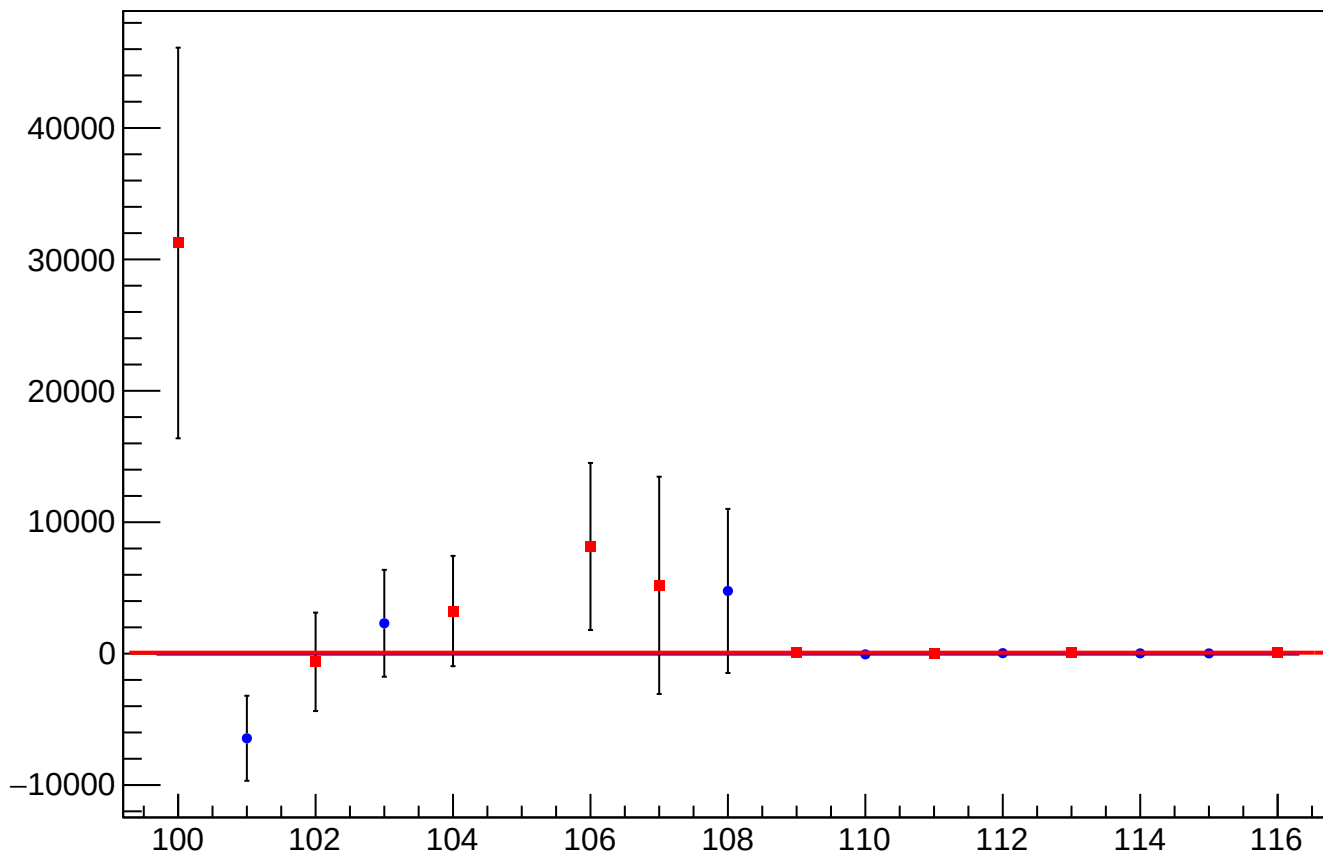
Right: 138.527+/-0.060 χ^2/NDF : 6540572.6/15

In: 144.410+/-0.093 χ^2/NDF :3098524.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 138.527+/-0.060 χ^2/NDF : 6540572.6/15

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.718+/-25.310 χ^2/NDF : 7.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.694+/-22.638 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

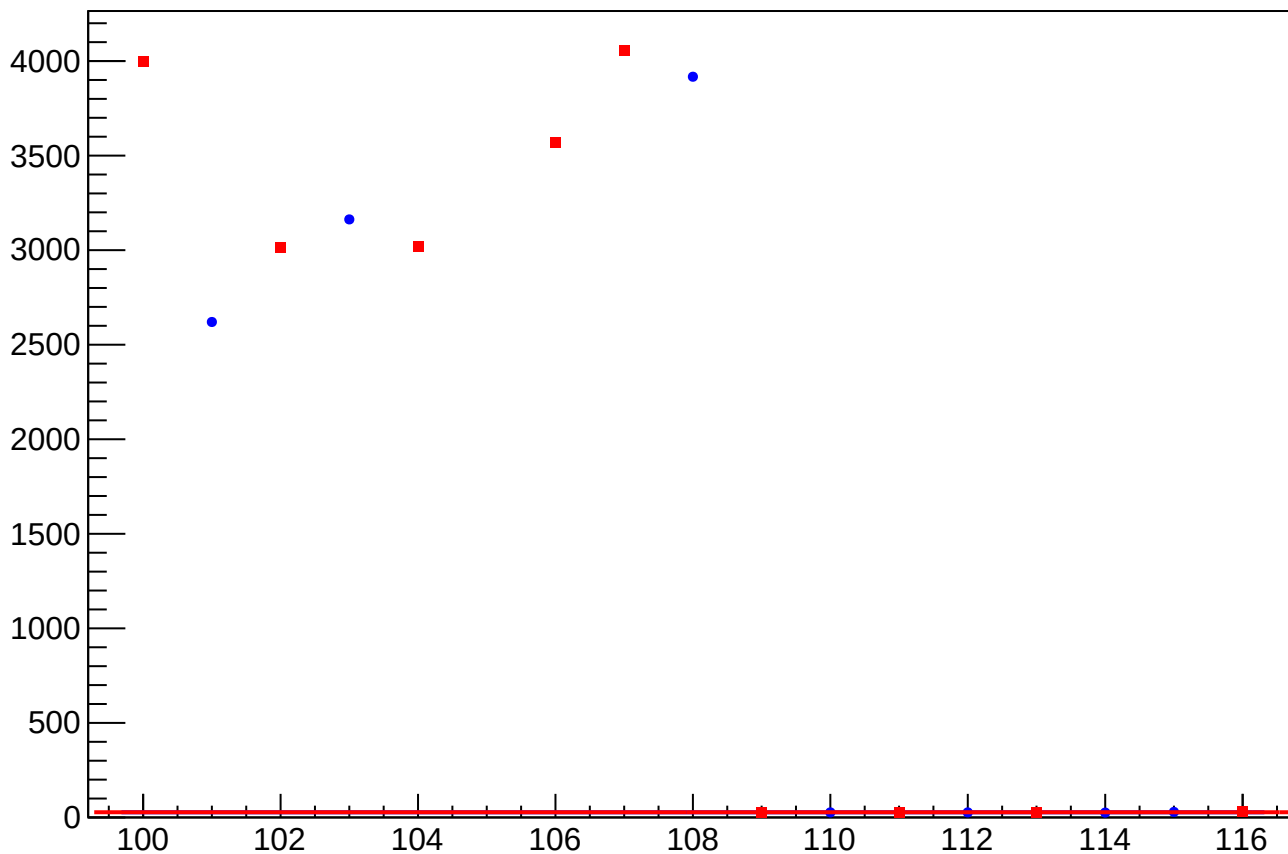
Right: 41.150+/-16.873 χ^2/NDF : 21.8/15

In: 1.718+/-25.310 χ^2/NDF : 7.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.150+/-16.873 χ^2/NDF : 21.8/15

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.273+/-0.018 χ^2/NDF : 3252883.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 27.523+/-0.016 χ^2/NDF : 3536903.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

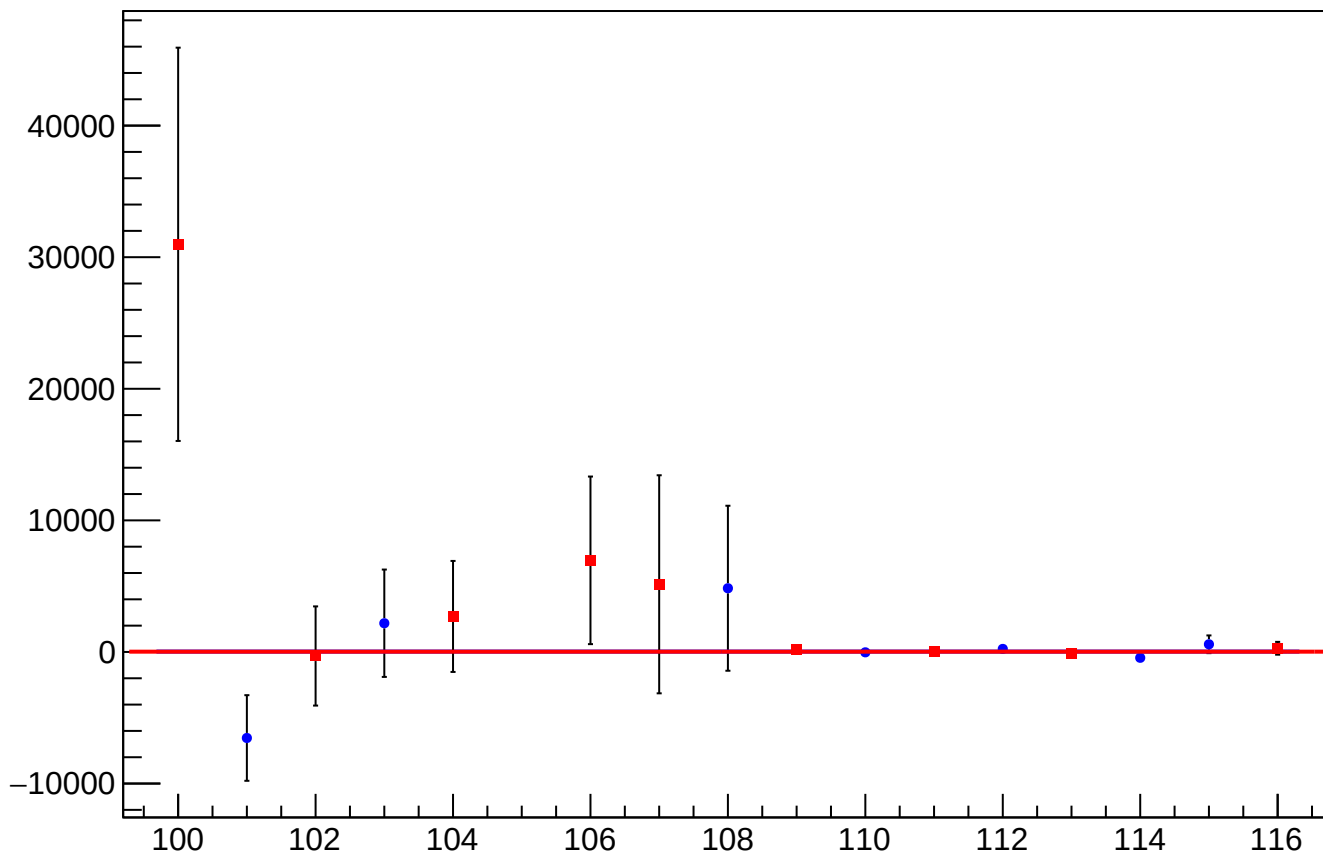
Right: 27.411+/-0.012 χ^2/NDF : 6789895.1/15

In: 27.273+/-0.018 χ^2/NDF :3252883.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.411+/-0.012 χ^2/NDF : 6789895.1/15

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 29.144+/-131.524 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.931+/-110.578 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

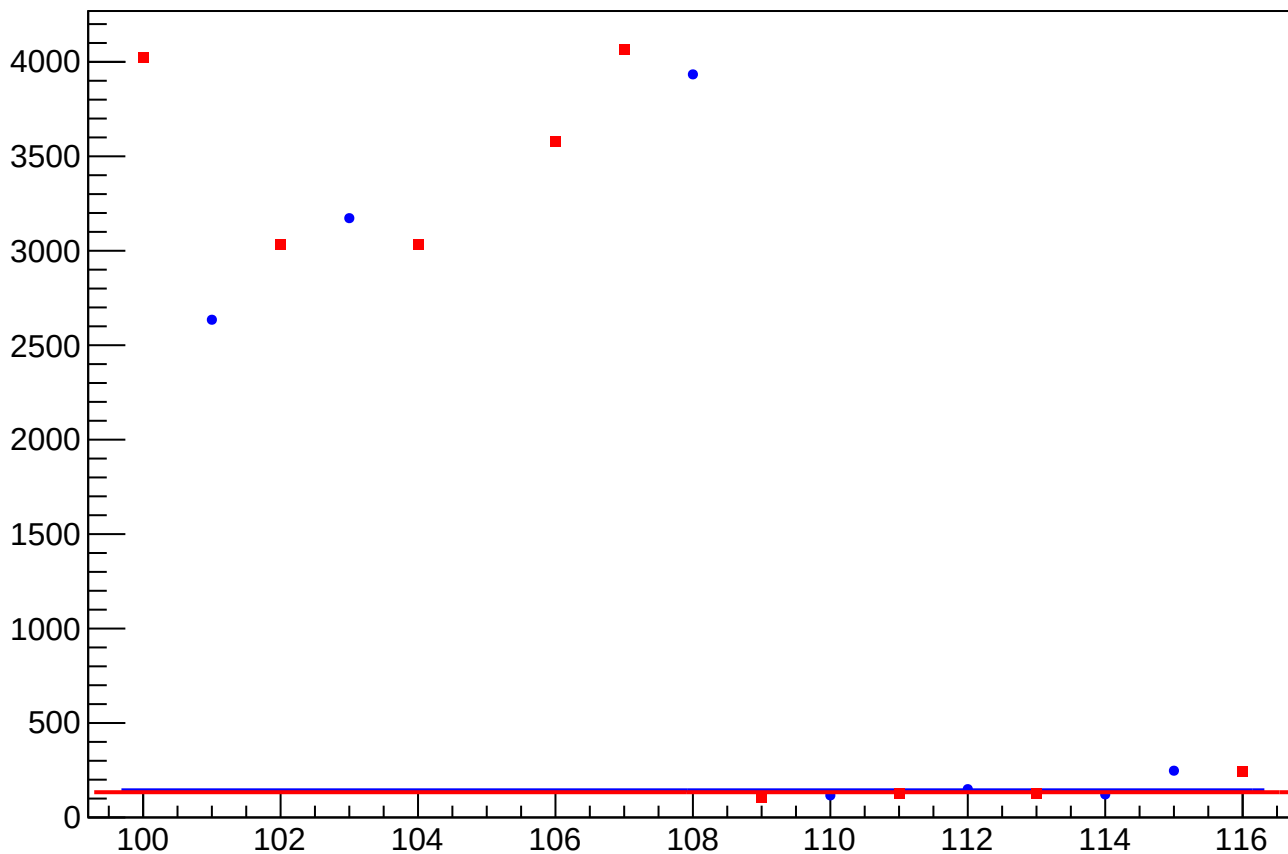
Right: 24.918+/-84.639 χ^2/NDF : 16.2/15

In: 29.144+/-131.524 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.918+/-84.639 χ^2/NDF : 16.2/15

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 143.616+/-0.093 χ^2/NDF : 3100825.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.616+/-0.078 χ^2/NDF : 3438398.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

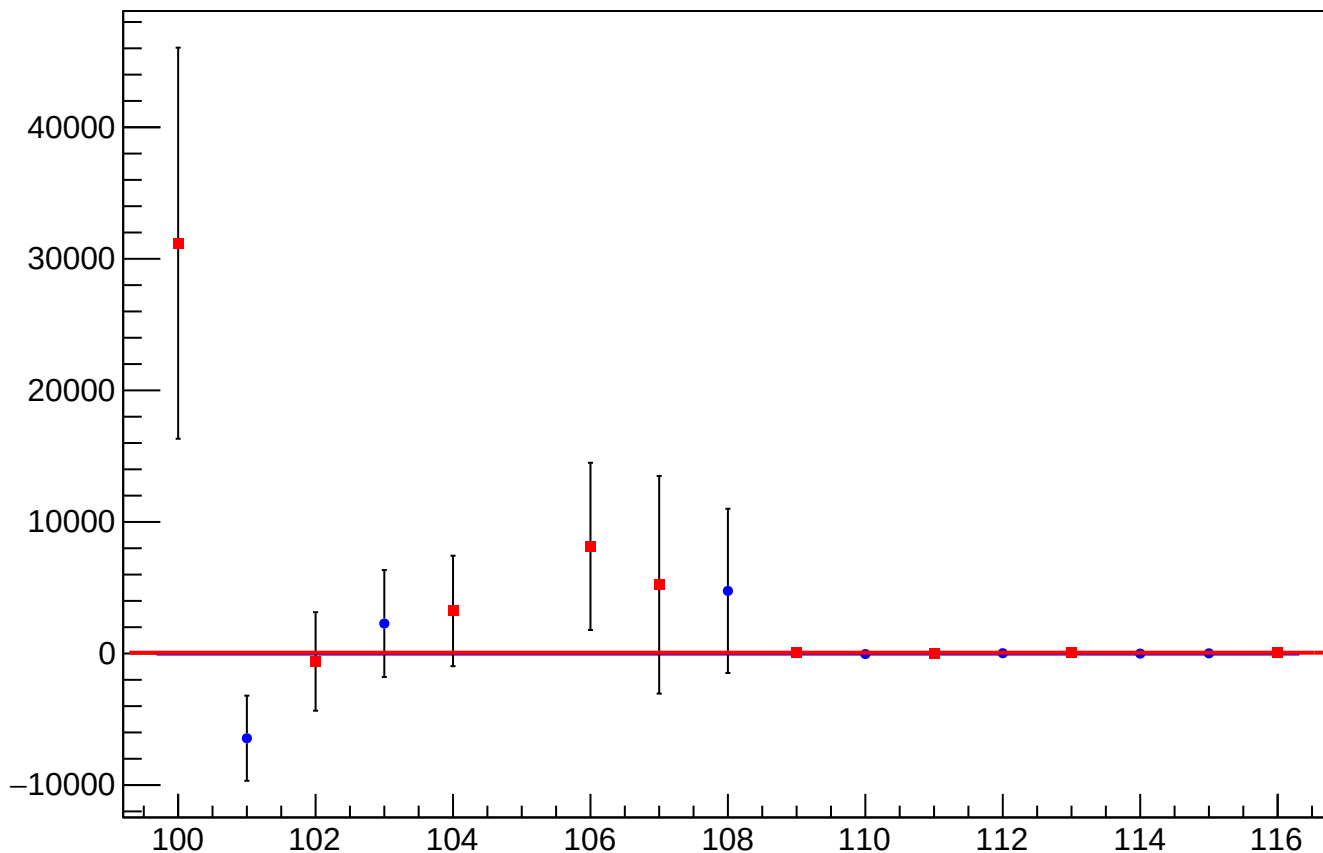
Right: 137.757+/-0.060 χ^2/NDF : 6545996.4/15

In: 143.616+/-0.093 χ^2/NDF :3100825.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.757+/-0.060 χ^2/NDF : 6545996.4/15

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.163+/-25.356 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.758+/-22.730 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

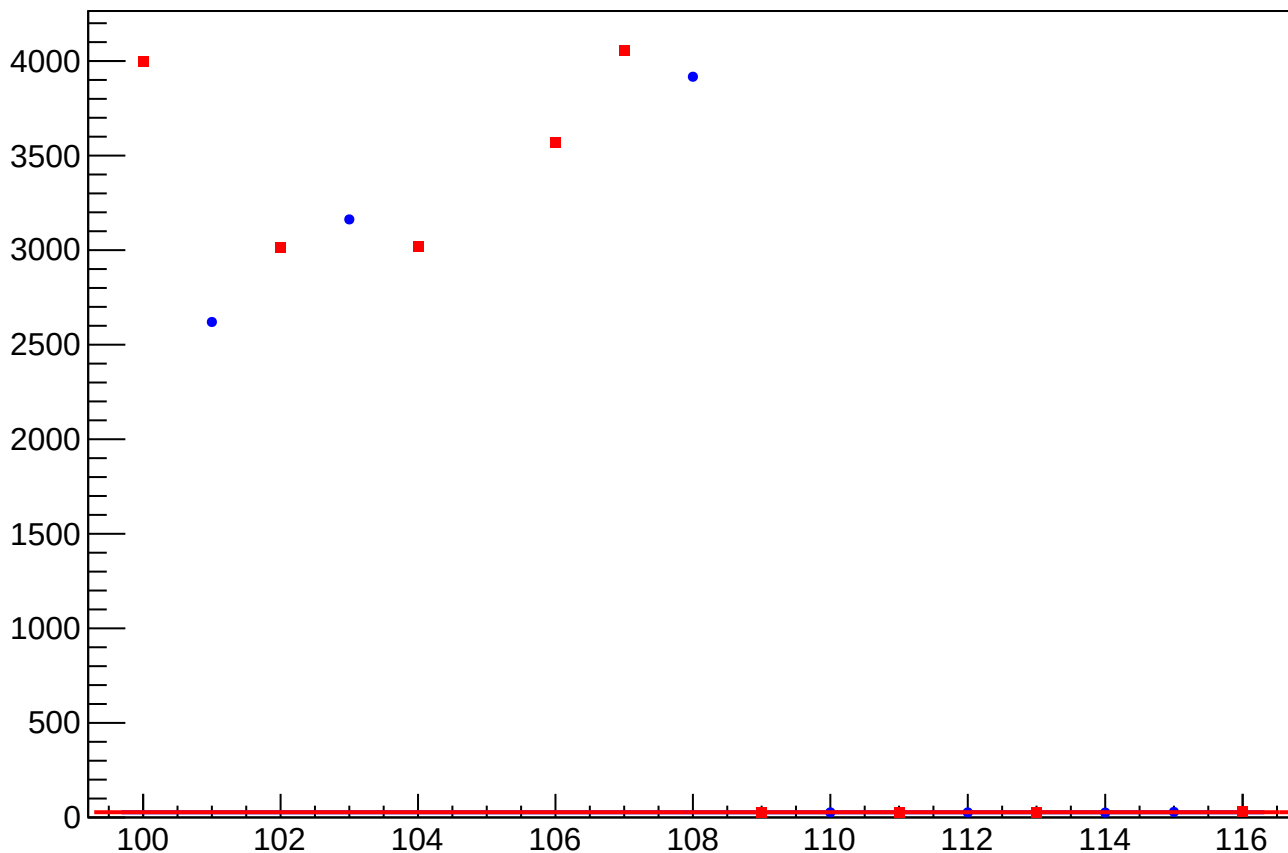
Right: 32.831+/-16.925 χ^2/NDF : 19.9/15

In: -3.163+/-25.356 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.831+/-16.925 χ^2/NDF : 19.9/15

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.321+/-0.018 χ^2/NDF : 3252811.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.633+/-0.016 χ^2/NDF : 3537265.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

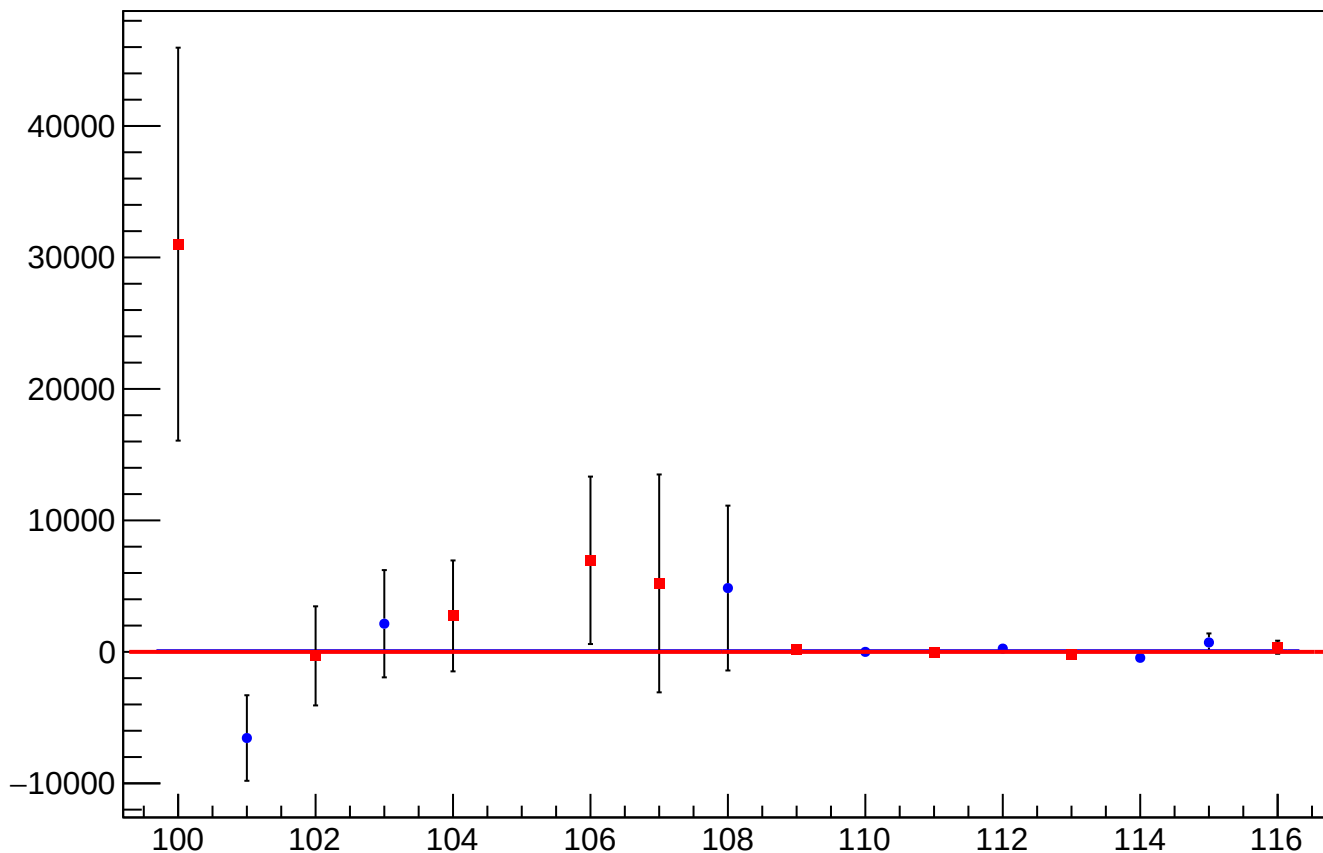
Right: 27.494+/-0.012 χ^2/NDF : 6790244.8/15

In: 27.321+/-0.018 χ^2/NDF : 3252811.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.494+/-0.012 χ^2/NDF : 6790244.8/15

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 52.155+/-134.410 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.268+/-113.137 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

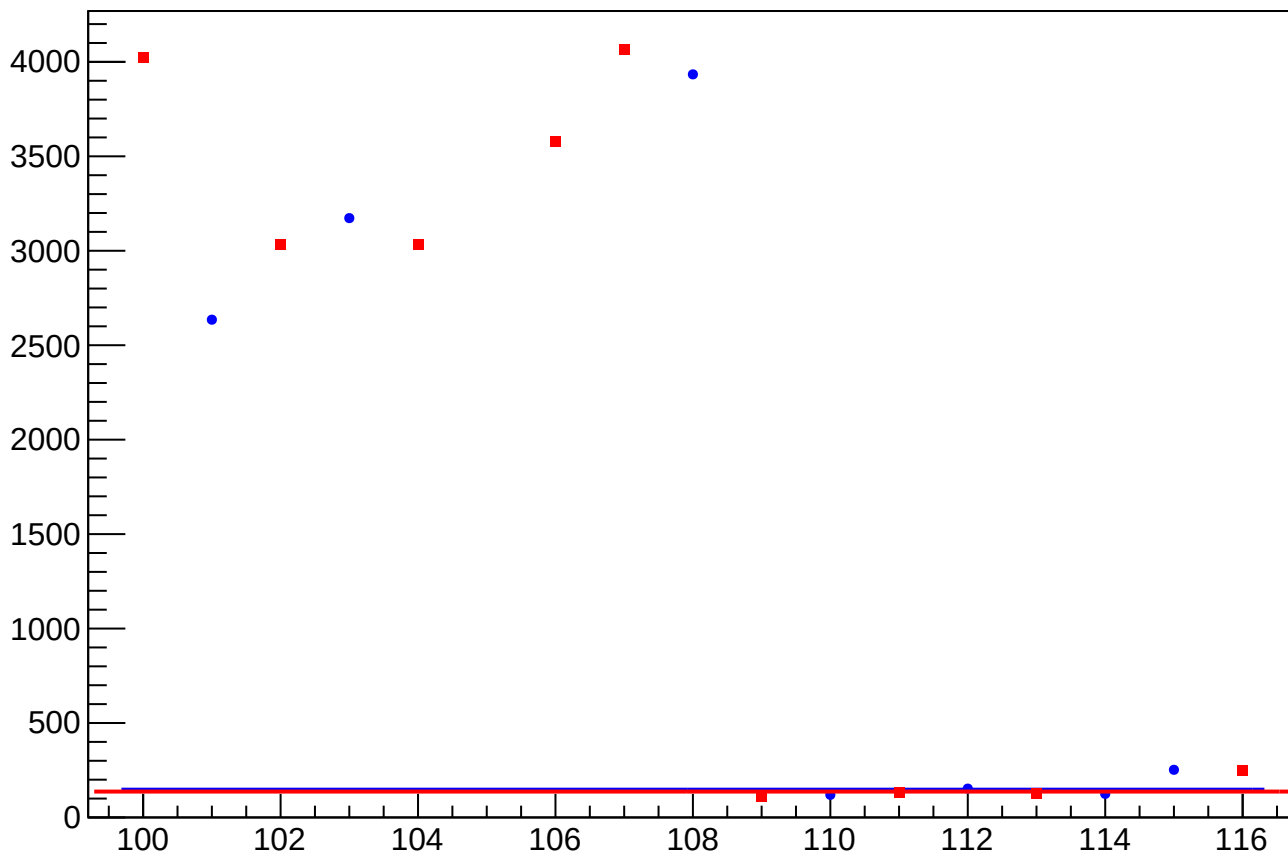
Right: 21.472+/-86.556 χ^2/NDF : 17.4/15

In: 52.155+/-134.410 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.472+/-86.556 χ^2/NDF : 17.4/15

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 147.082+/-0.095 χ^2/NDF : 3092264.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.013+/-0.080 χ^2/NDF : 3429605.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

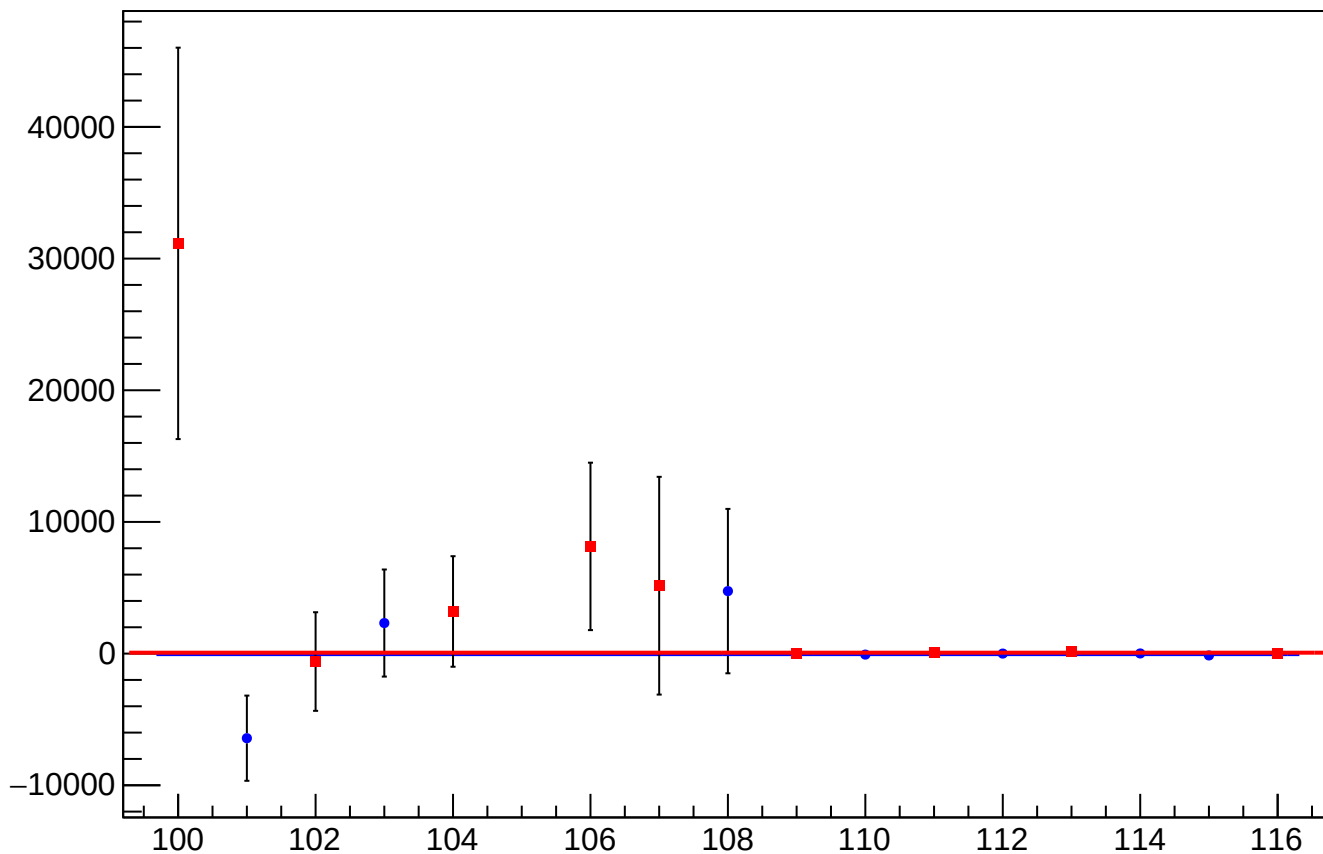
Right: 141.188+/-0.061 χ^2/NDF : 6528439.4/15

In: 147.082+/-0.095 χ^2/NDF : 3092264.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.188+/-0.061 χ^2/NDF : 6528439.4/15

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -39.583 $\pm$ 31.463 χ^2 /NDF: 7.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.633 $\pm$ 27.909 χ^2 /NDF: 10.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

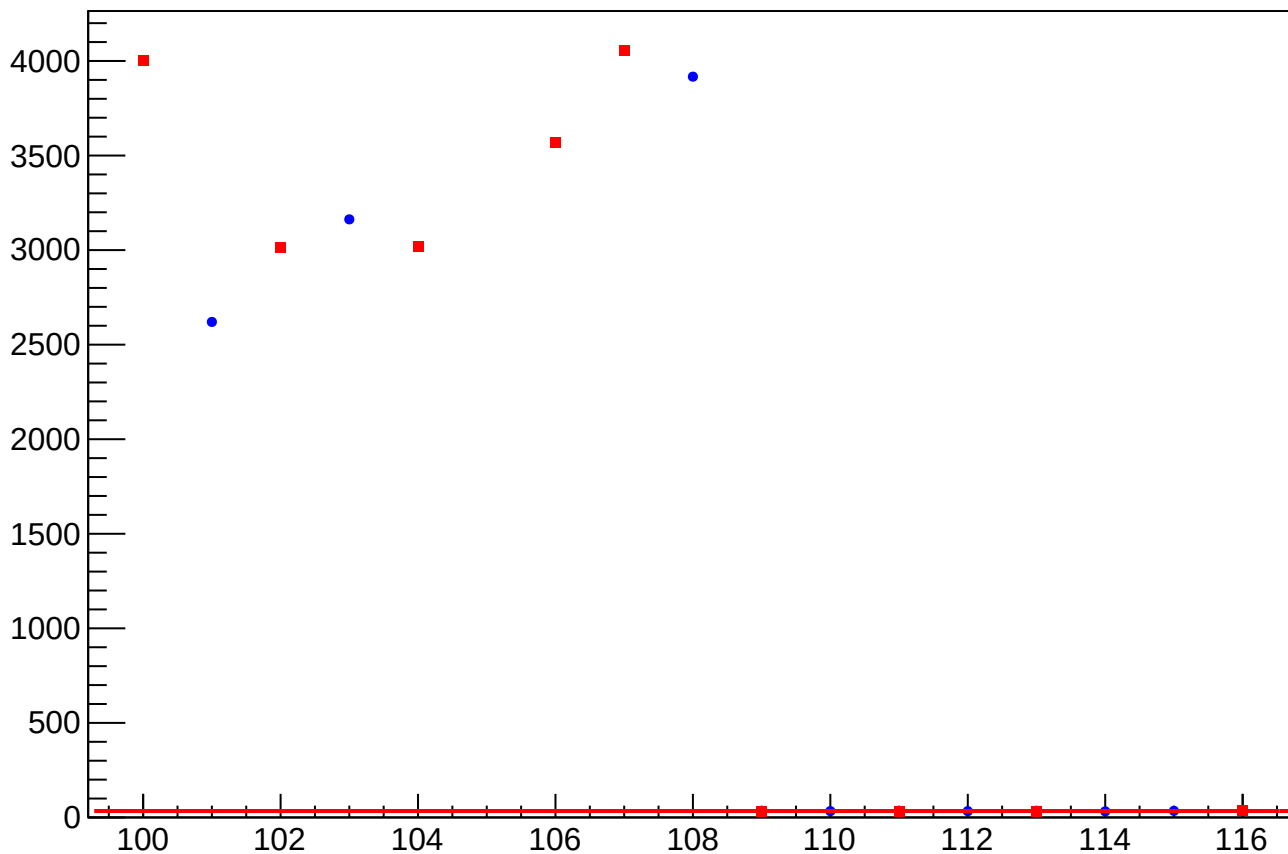
Right: 20.981 $\pm$ 20.879 χ^2 /NDF: 24.7/15

In: -39.583 $\pm$ 31.463 χ^2 /NDF: 7.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.981 $\pm$ 20.879 χ^2 /NDF: 24.7/15

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.035+/-0.022 χ^2/NDF : 3236846.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.057+/-0.020 χ^2/NDF : 3517904.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

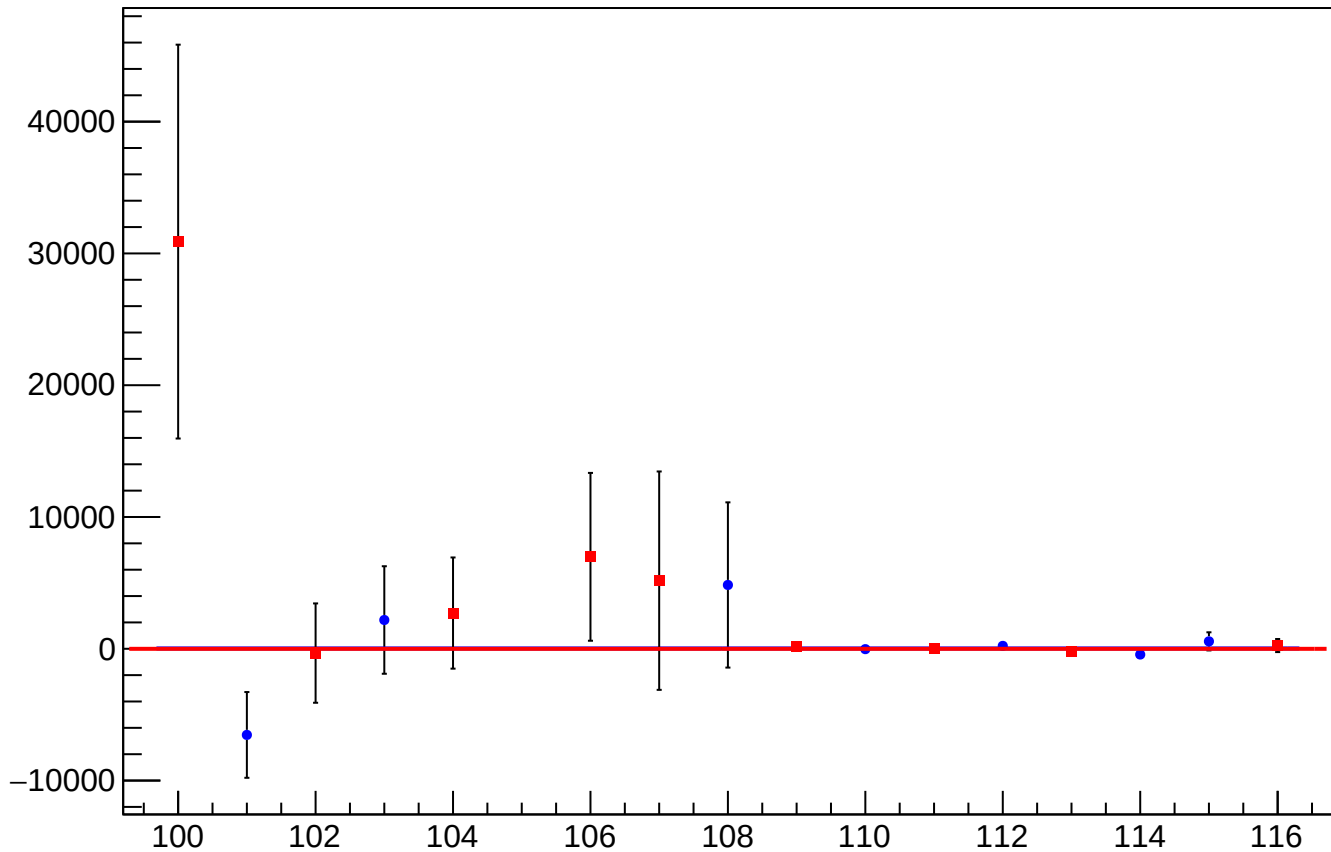
Right: 34.047+/-0.015 χ^2/NDF : 6754751.5/15

In: 34.035+/-0.022 χ^2/NDF : 3236846.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.047+/-0.015 χ^2/NDF : 6754751.5/15

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 24.725+/-132.621 χ^2 /NDF: 8.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.031+/-111.607 χ^2 /NDF: 8.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

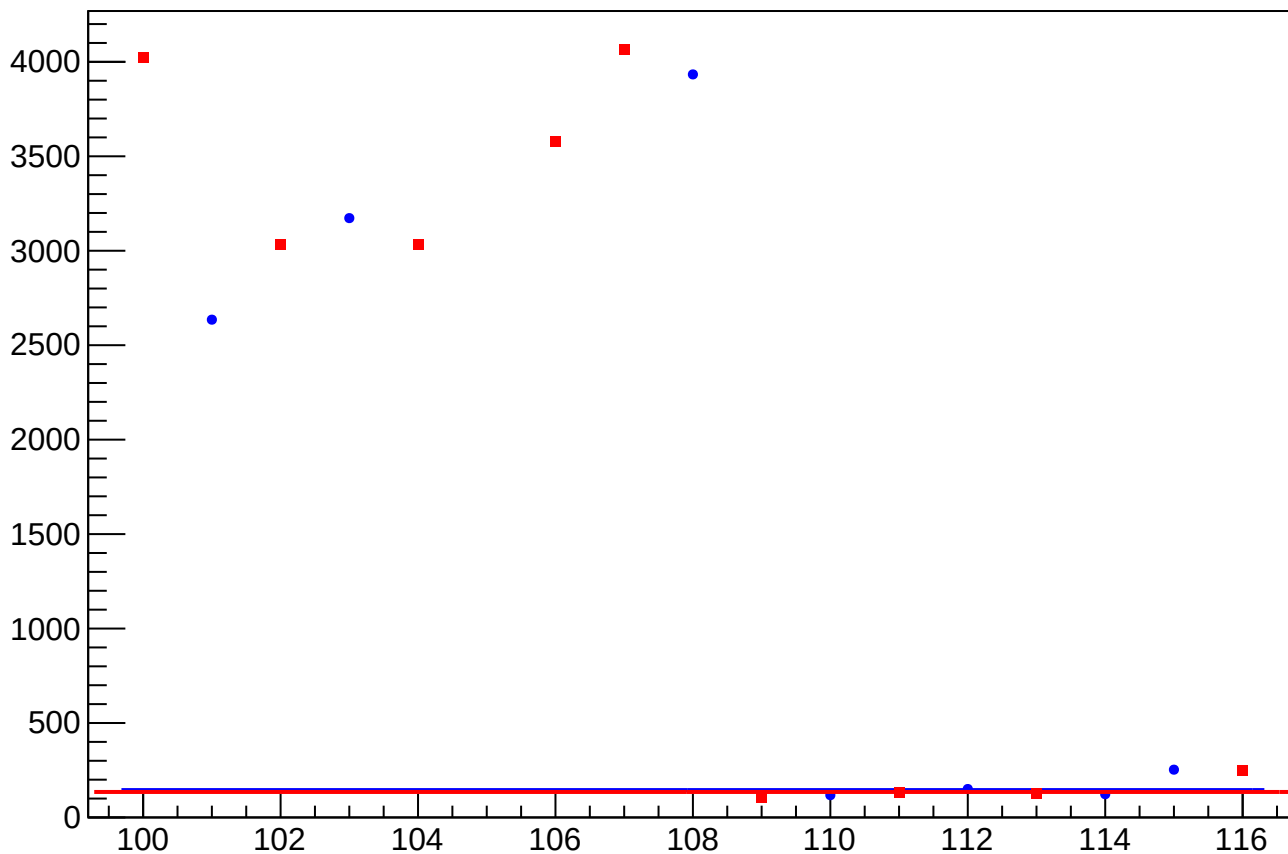
Right: 7.891+/-85.393 χ^2 /NDF: 16.3/15

In: 24.725+/-132.621 χ^2 /NDF:8.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7.891+/-85.393 χ^2 /NDF: 16.3/15

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 144.905+/-0.094 χ^2/NDF : 3098953.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 134.946+/-0.079 χ^2/NDF : 3437871.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

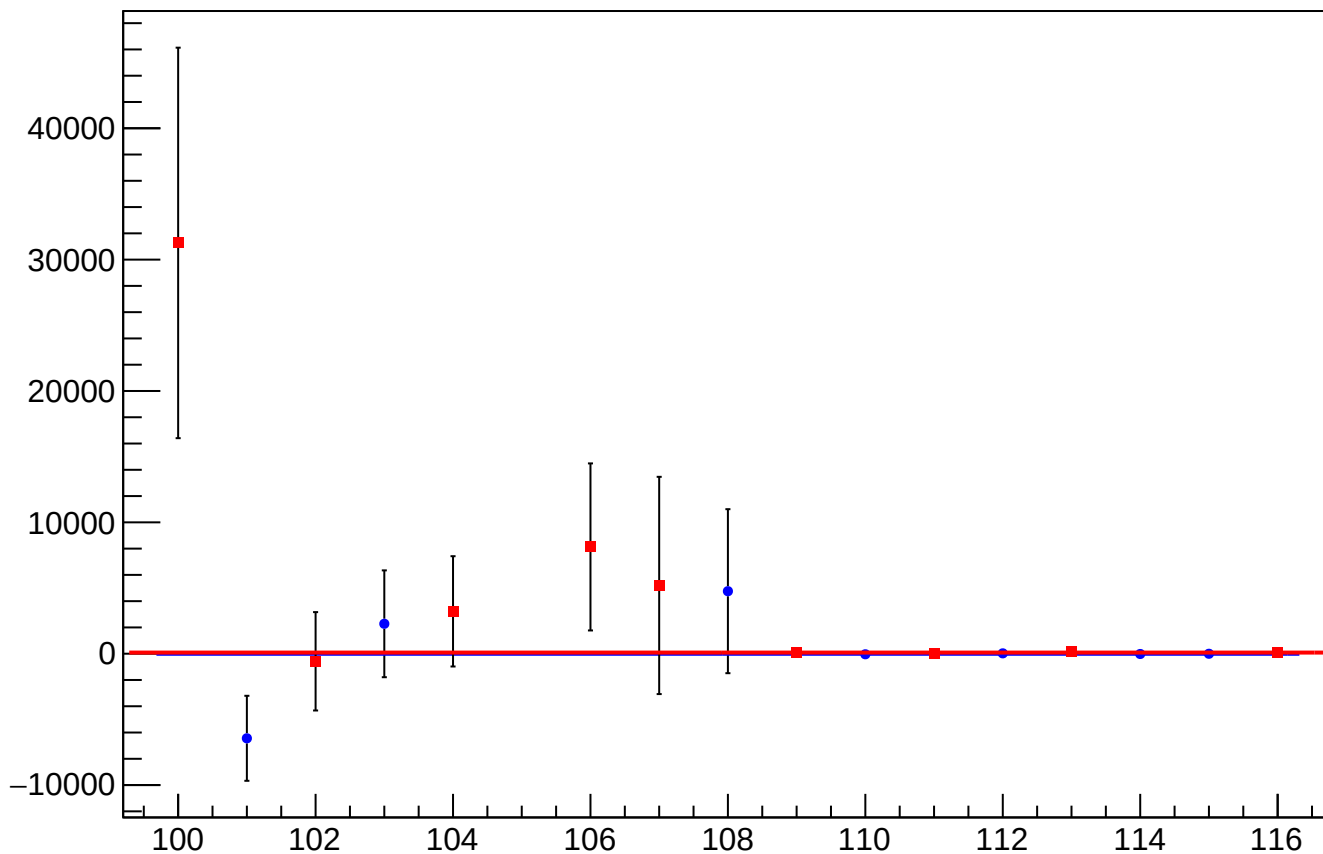
Right: 139.075+/-0.060 χ^2/NDF : 6543427.4/15

In: 144.905+/-0.094 χ^2/NDF :3098953.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 139.075+/-0.060 χ^2/NDF : 6543427.4/15

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.511+/-29.416 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.083+/-26.002 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

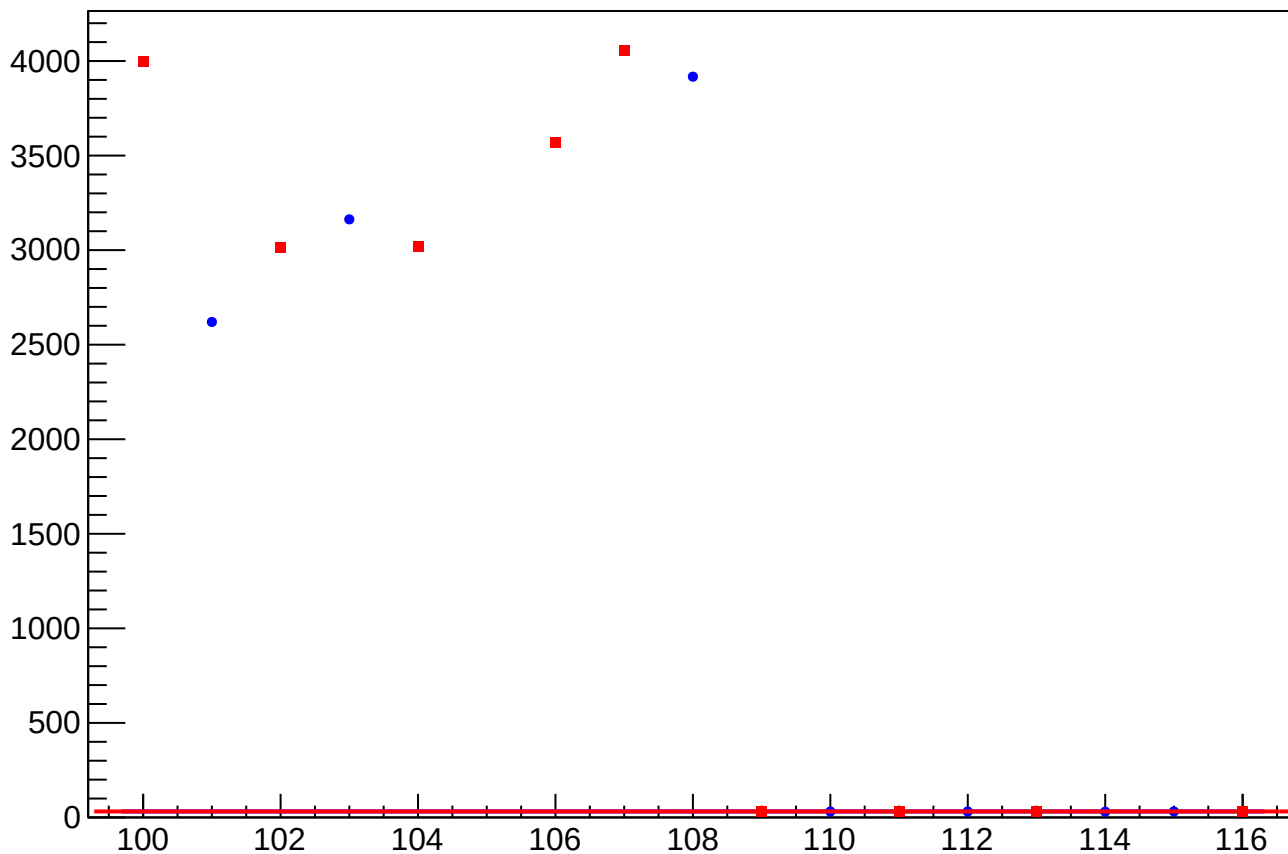
Right: 45.906+/-19.482 χ^2/NDF : 21.8/15

In: -5.511+/-29.416 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.906+/-19.482 χ^2/NDF : 21.8/15

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.791+/-0.021 χ^2/NDF : 3241138.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.707+/-0.018 χ^2/NDF : 3521808.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

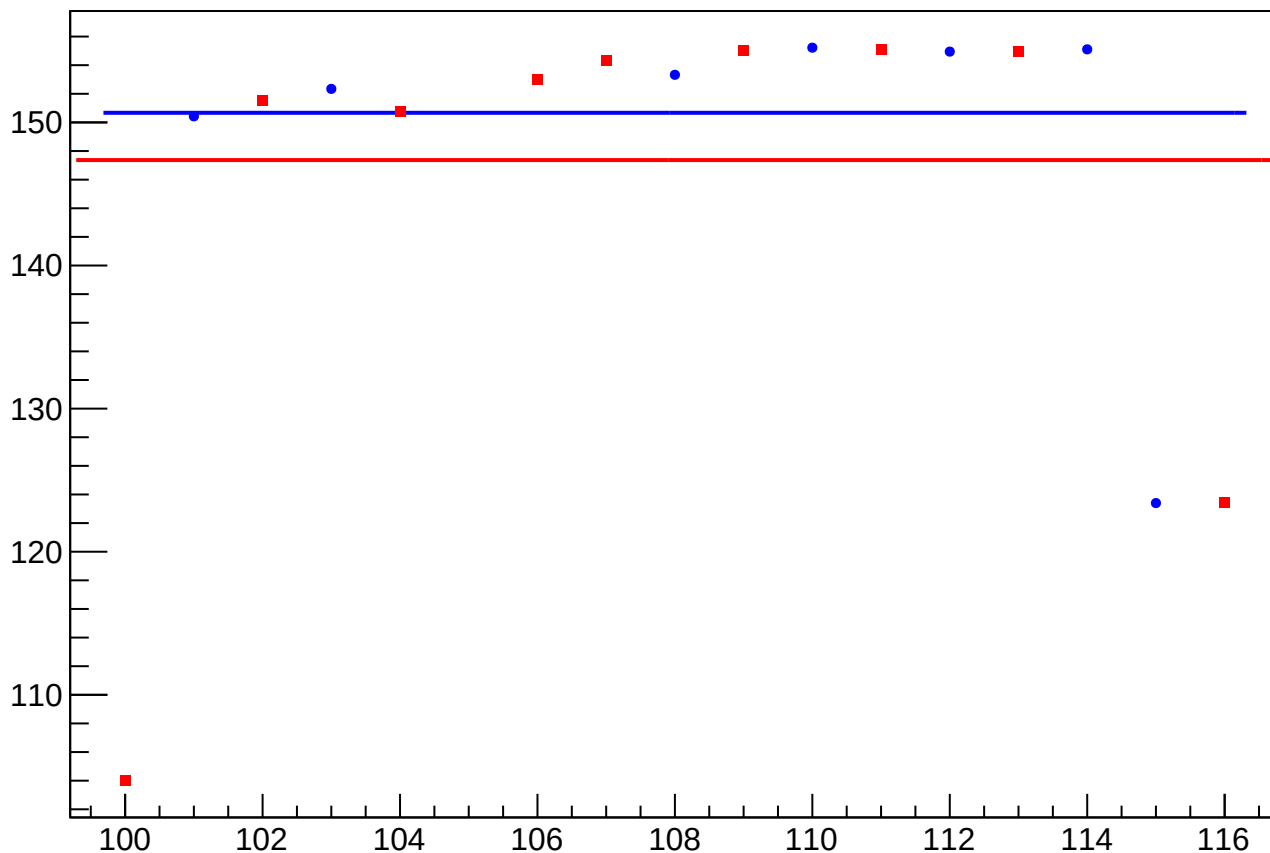
Right: 31.744+/-0.014 χ^2/NDF : 6762955.5/15

In: 31.791+/-0.021 χ^2/NDF :3241138.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

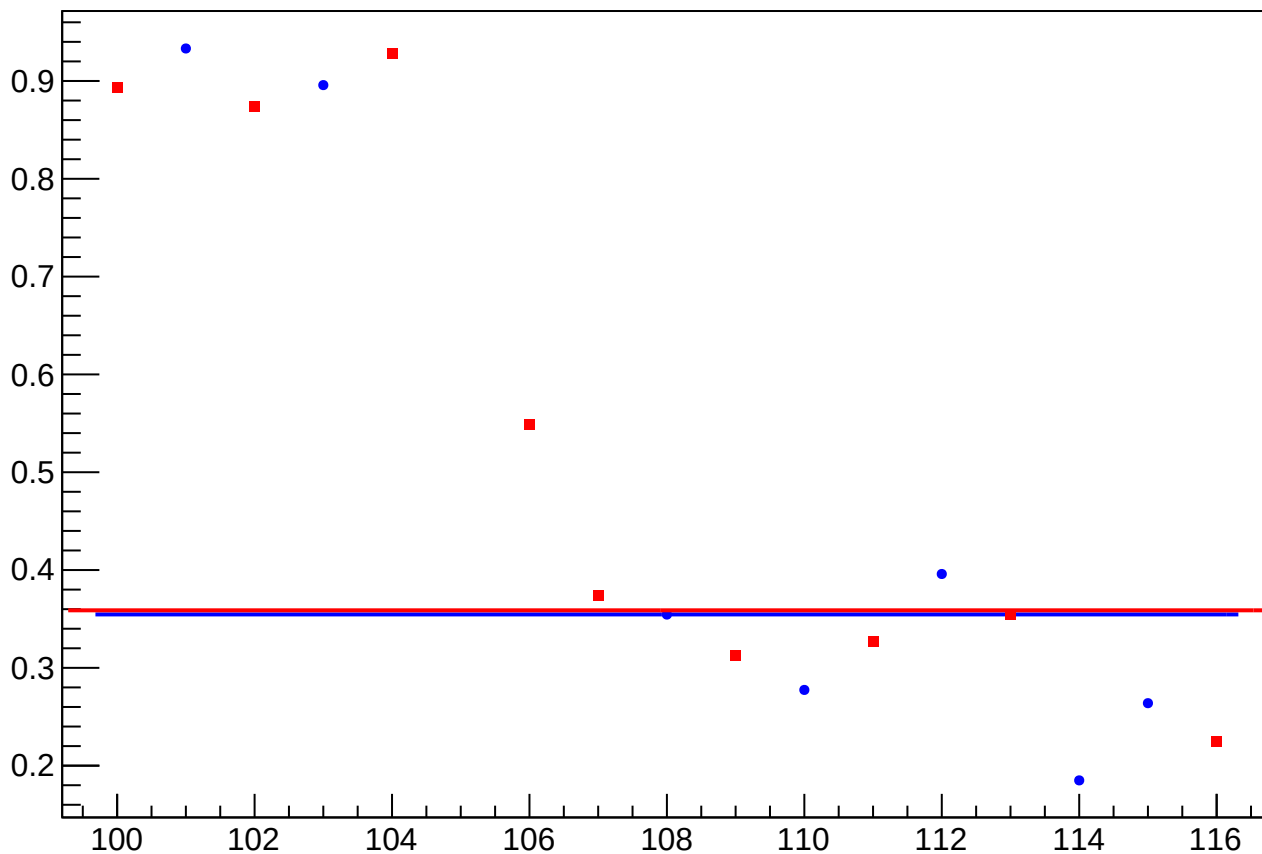
All: 31.744+/-0.014 χ^2/NDF : 6762955.5/15

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 150.673 $\pm$ 0.000 χ^2 /NDF: 1623613793.1/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 147.369 $\pm$ 0.000 χ^2 /NDF: 3704508338.3/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 148.795 $\pm$ 0.000 χ^2 /NDF: 5427219604.3/15
 In: 150.673 $\pm$ 0.000 χ^2 /NDF:1623613793.1/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 148.795 $\pm$ 0.000 χ^2 /NDF: 5427219604.3

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1164535.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.359+/-0.000 χ^2/NDF : 1133239.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

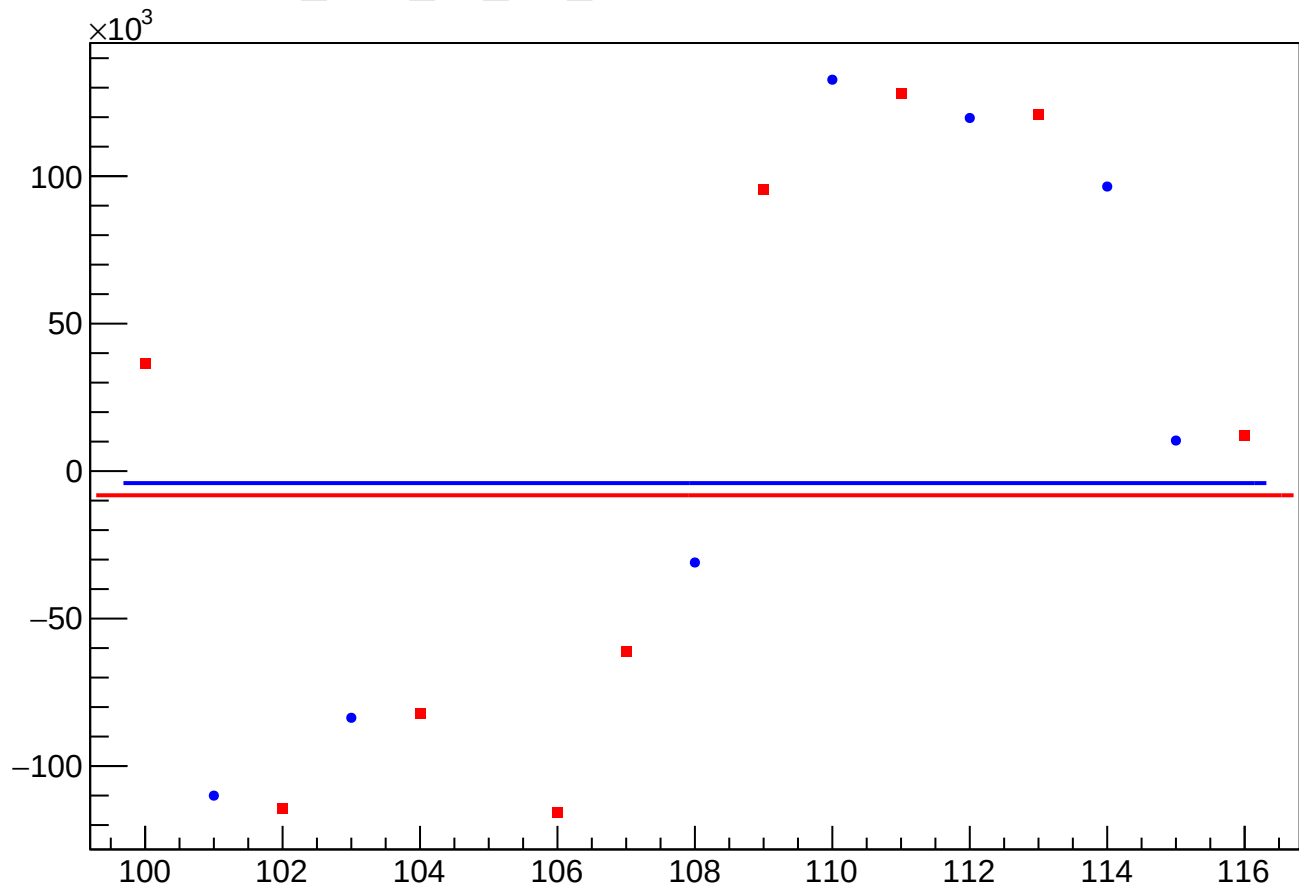
Right: 0.357+/-0.000 χ^2/NDF : 2298094.3/15

In: 0.355+/-0.000 χ^2/NDF : 1164535.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

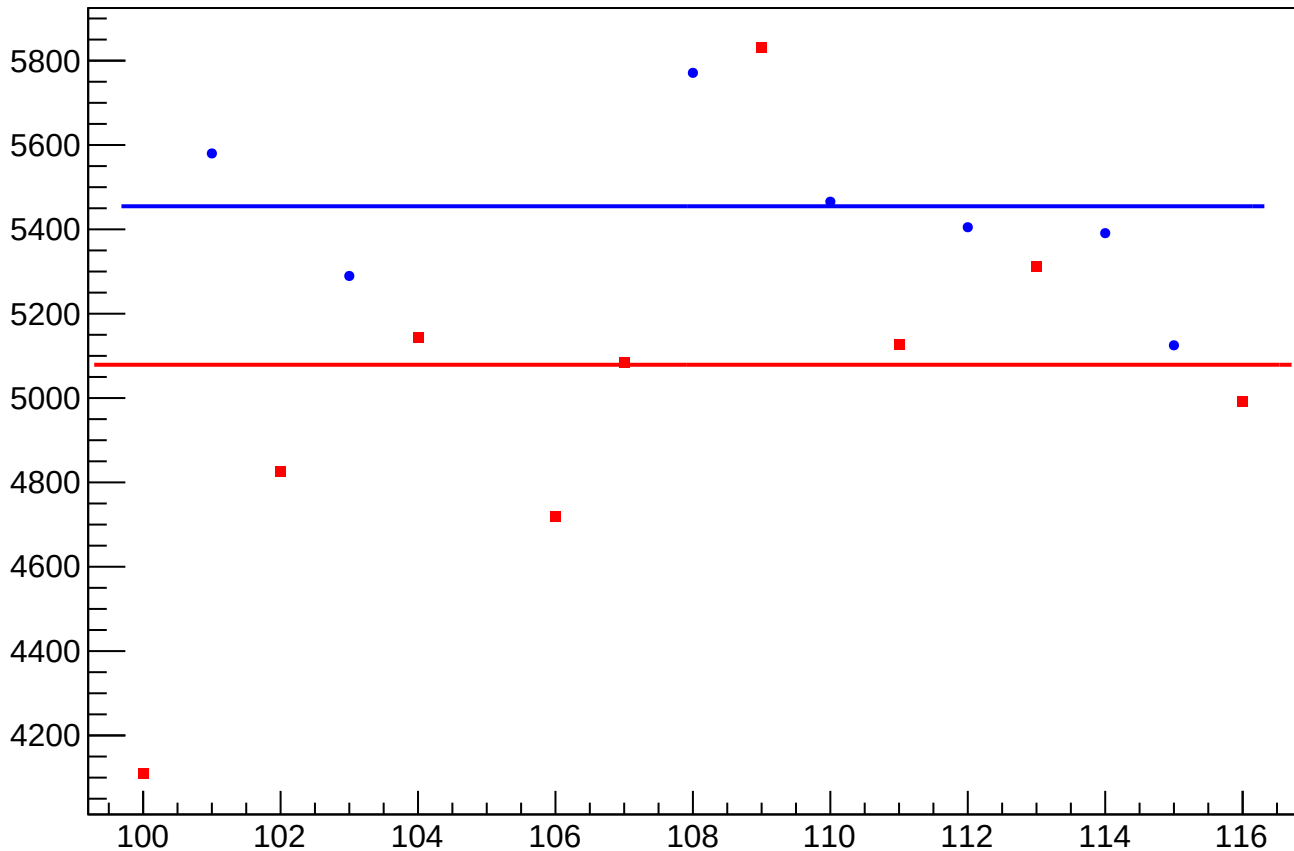
All: 0.357+/-0.000 χ^2/NDF : 2298094.3/15

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -4066.231+/-3.352 χ^2/NDF : 878373364.3/6
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -6519.391+/-2.136 χ^2/NDF : 2221826102.3/1
 Right Out: -8196.578+/-2.772 χ^2/NDF : 1342551182.8/8
 In: -4066.231+/-3.352 χ^2/NDF : 878373364.3/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6519.391+/-2.136 χ^2/NDF : 2221826102

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5454.745+/-2.371 χ^2 /NDF: 5151.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5078.950+/-1.960 χ^2 /NDF: 33987.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

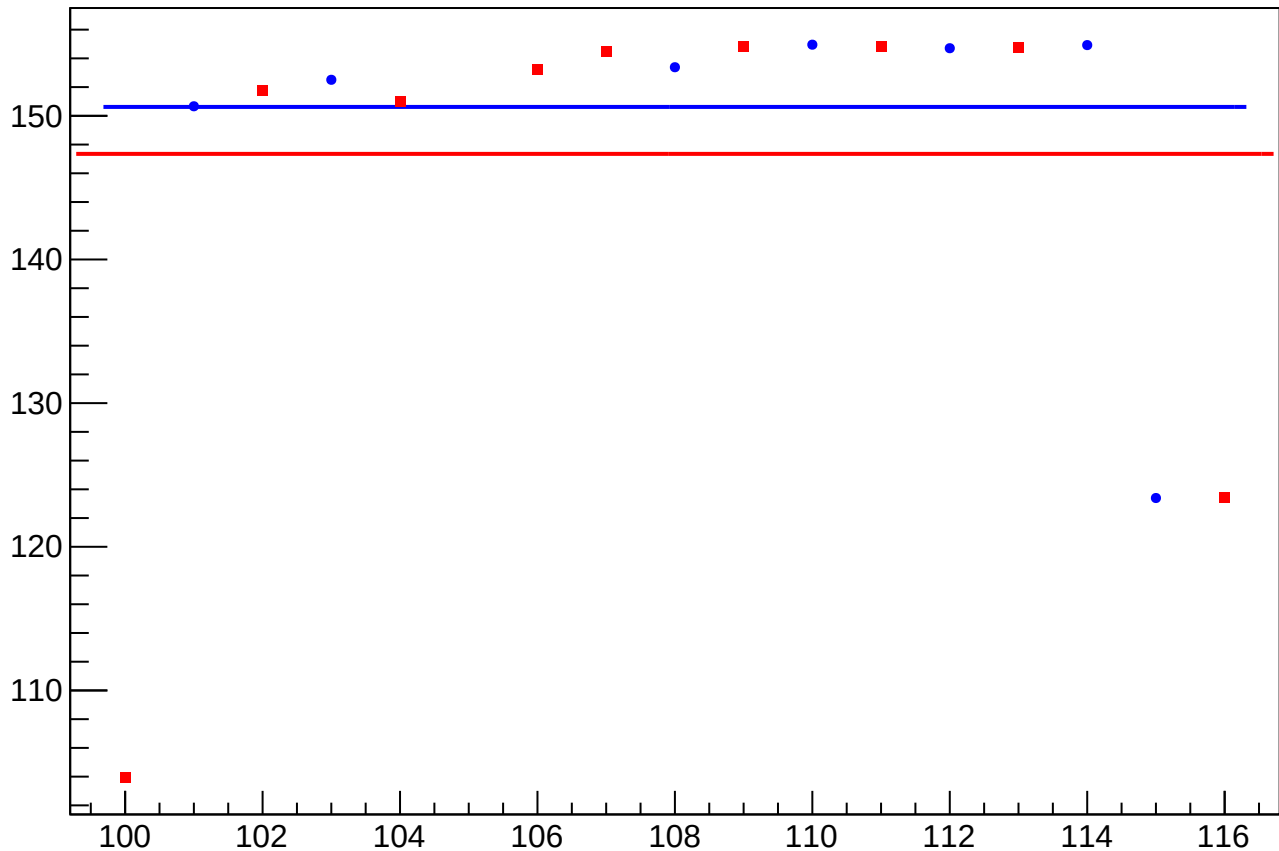
Right: 5231.547+/-1.511 χ^2 /NDF: 54065.1/15

In: 5454.745+/-2.371 χ^2 /NDF:5151.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5231.547+/-1.511 χ^2 /NDF: 54065.1/15

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 148.764+/-0.000 χ^2 /NDF: 5439685575.8/15

Right In: 150.620+/-0.000 χ^2 /NDF: 1622020514.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147.351+/-0.000 χ^2 /NDF: 3718540125.7/8

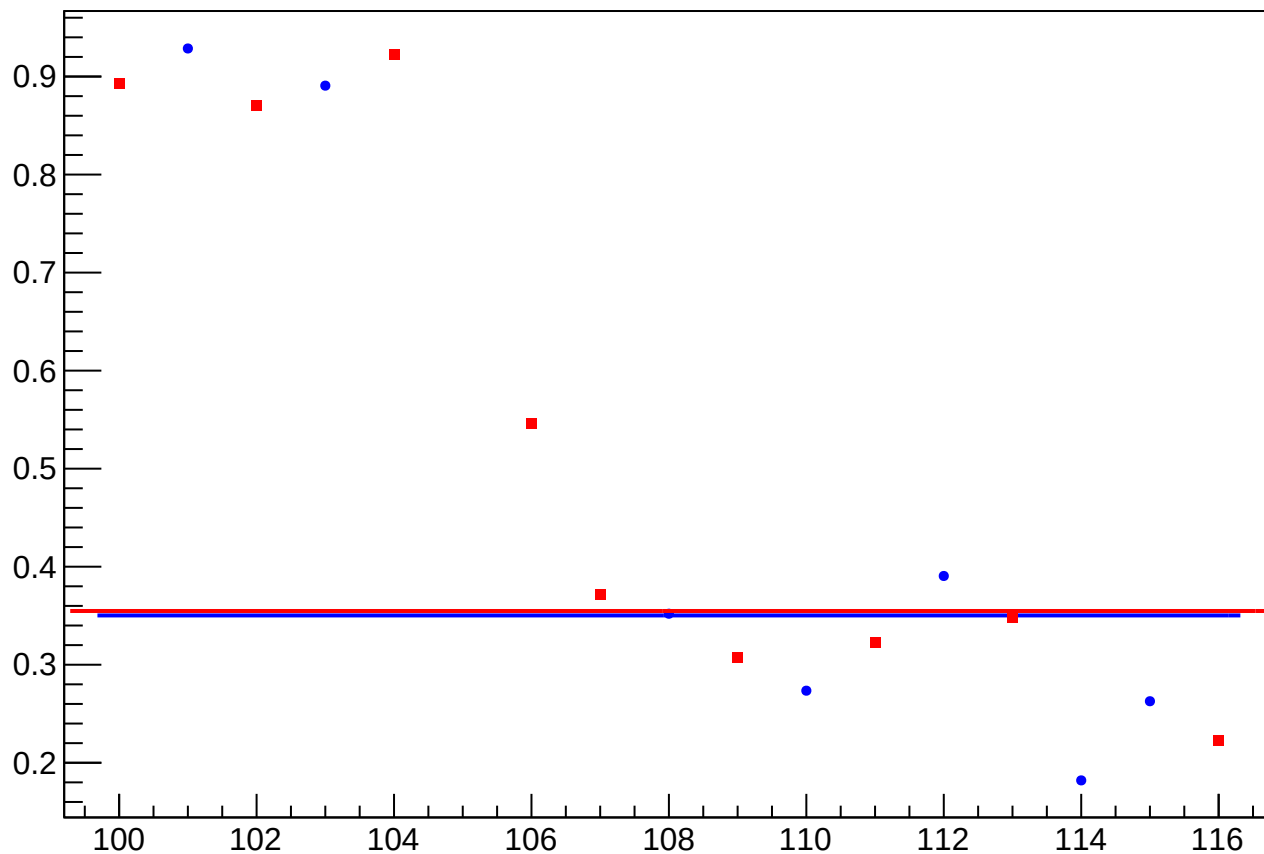
In: 150.620+/-0.000 χ^2 /NDF: 1622020514.7/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148.764+/-0.000 χ^2 /NDF: 5439685575.8

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1173773.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.000 χ^2/NDF : 1138703.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

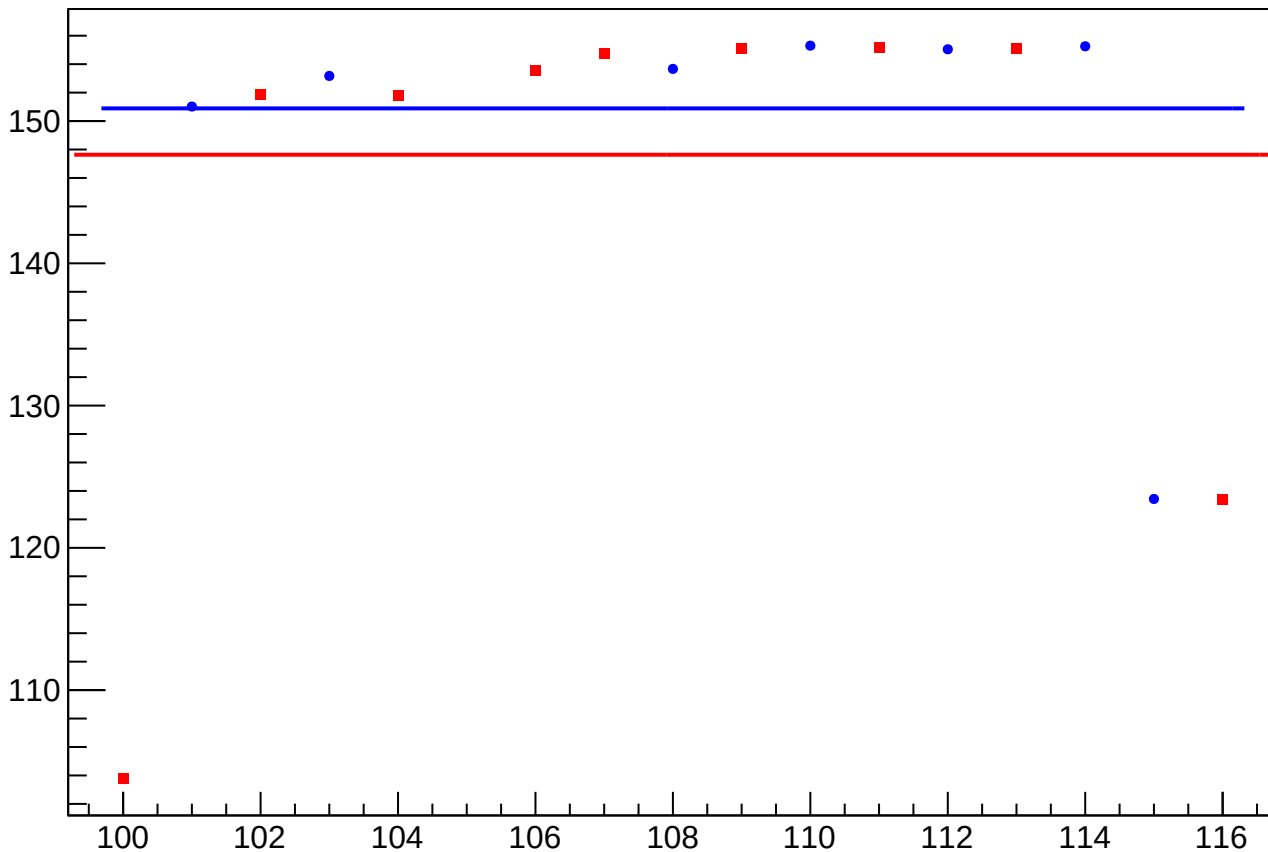
Right: 0.353+/-0.000 χ^2/NDF : 2312857.6/15

In: 0.350+/-0.000 χ^2/NDF : 1173773.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.353+/-0.000 χ^2/NDF : 2312857.6/15

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 150.891+/-0.000 χ^2/NDF : 1627127844.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.633+/-0.000 χ^2/NDF : 3697880881.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

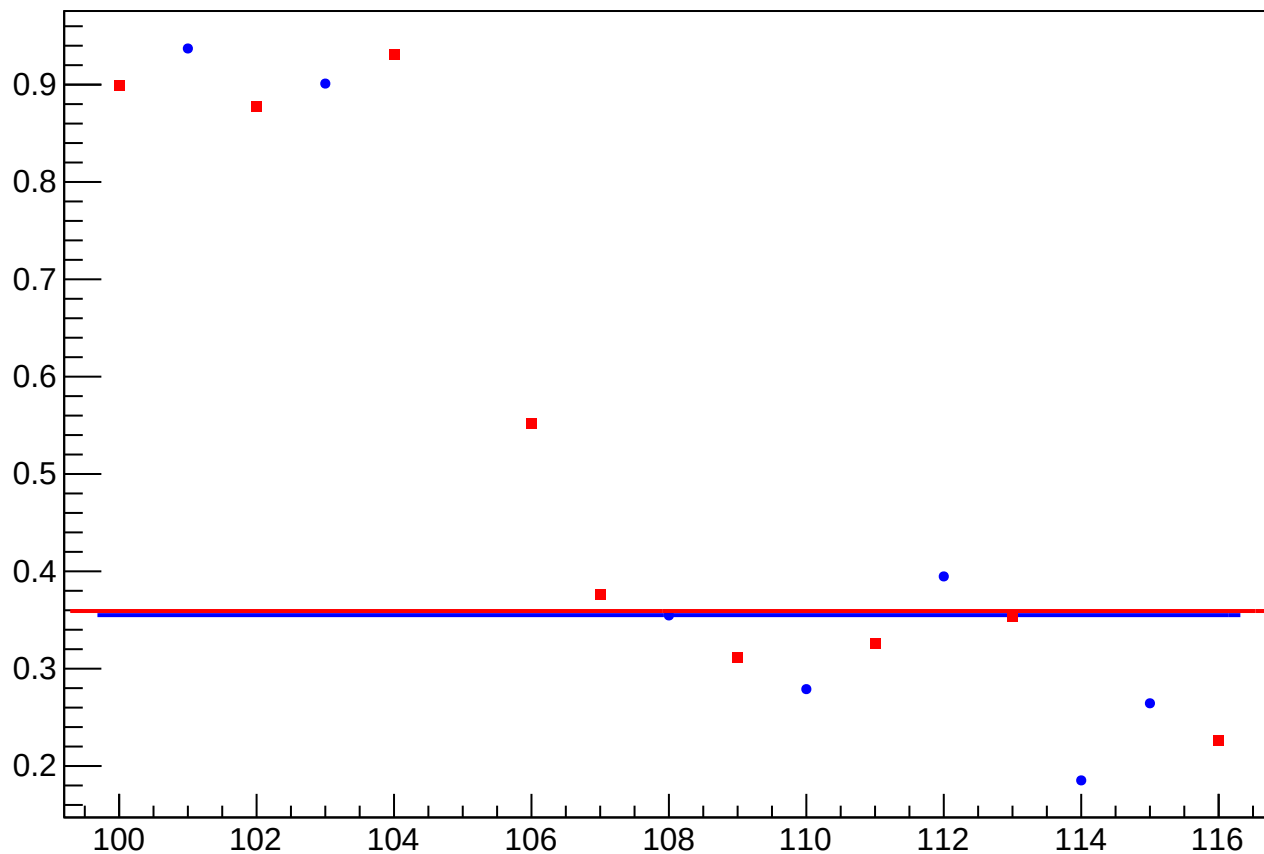
Right: 149.040+/-0.000 χ^2/NDF : 5421201186.4/15

In: 150.891+/-0.000 χ^2/NDF : 1627127844.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.040+/-0.000 χ^2/NDF : 5421201186.4

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1166792.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.359+/-0.000 χ^2/NDF : 1133365.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

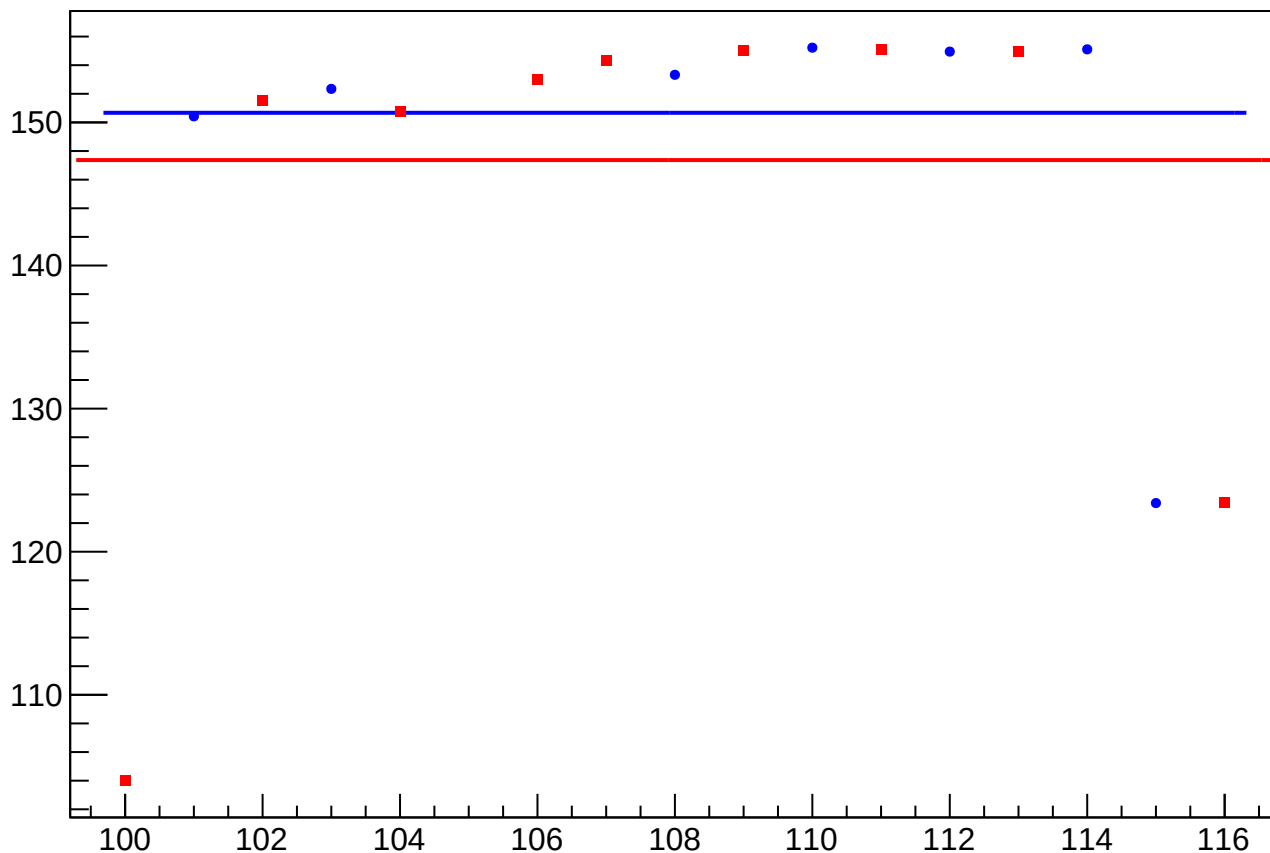
Right: 0.357+/-0.000 χ^2/NDF : 2300484.1/15

In: 0.355+/-0.000 χ^2/NDF : 1166792.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

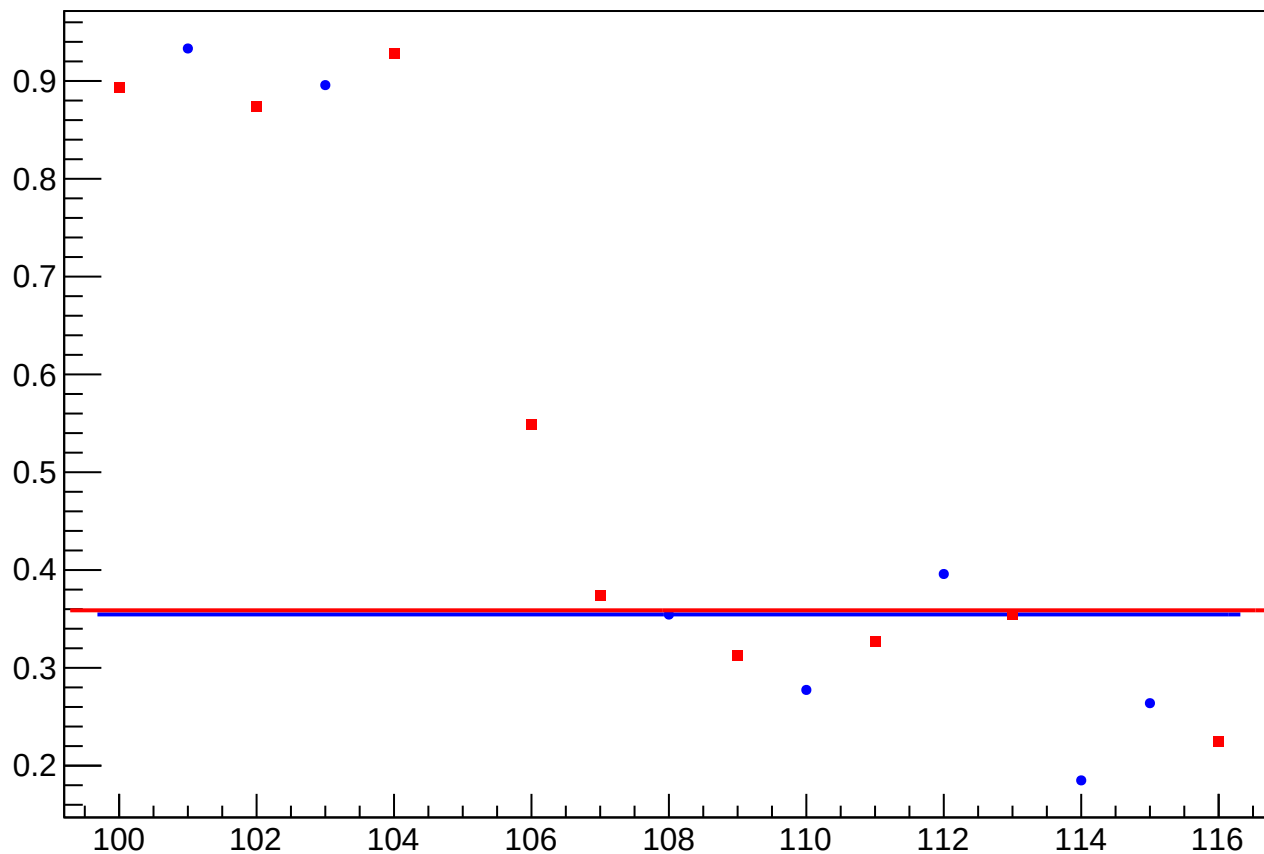
All: 0.357+/-0.000 χ^2/NDF : 2300484.1/15

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 150.673+/-0.000 χ^2/NDF : 1623613793.1/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 147.369+/-0.000 χ^2/NDF : 3704508338.3/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 148.795+/-0.000 χ^2/NDF : 5427219604.3/15

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.355+/-0.000 χ^2/NDF : 1164535.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.359+/-0.000 χ^2/NDF : 1133239.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

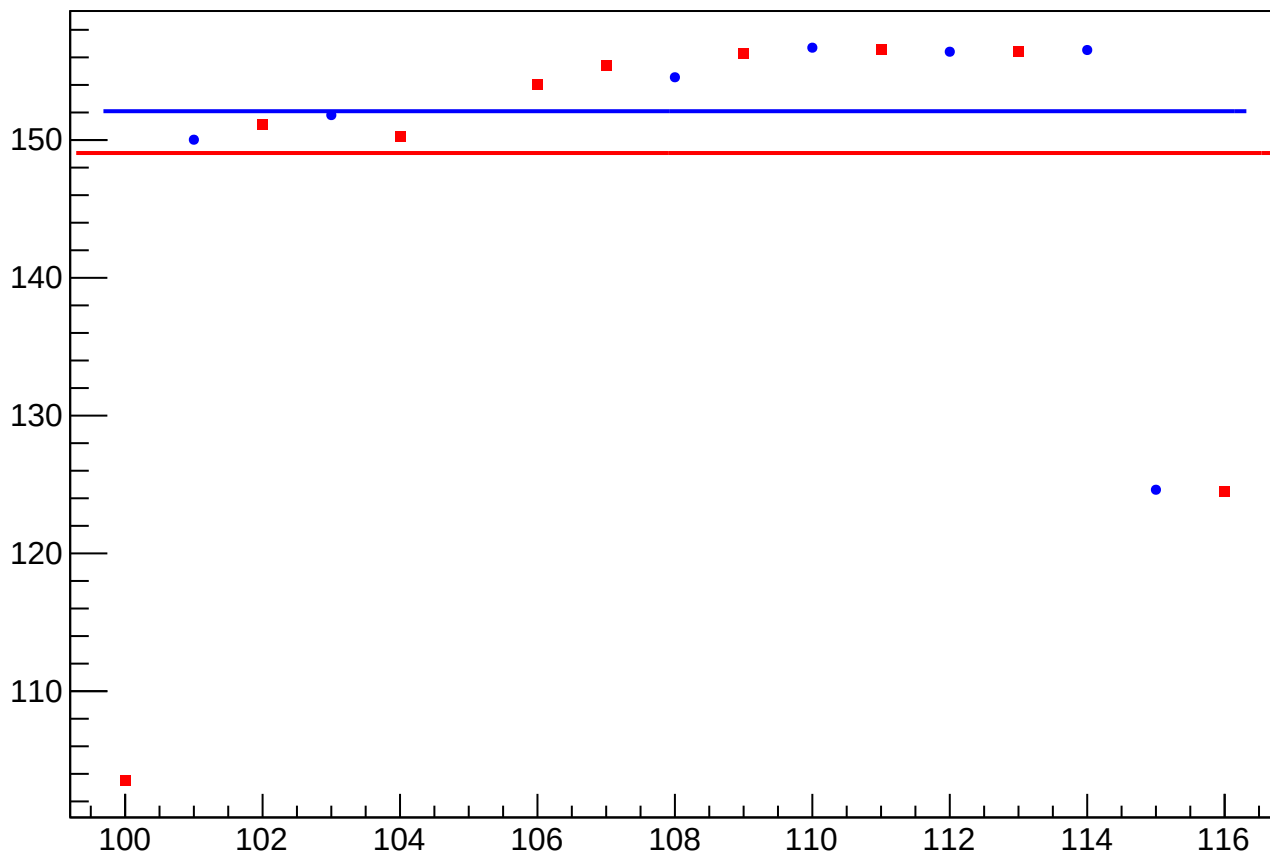
Right: 0.357+/-0.000 χ^2/NDF : 2298094.3/15

In: 0.355+/-0.000 χ^2/NDF : 1164535.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

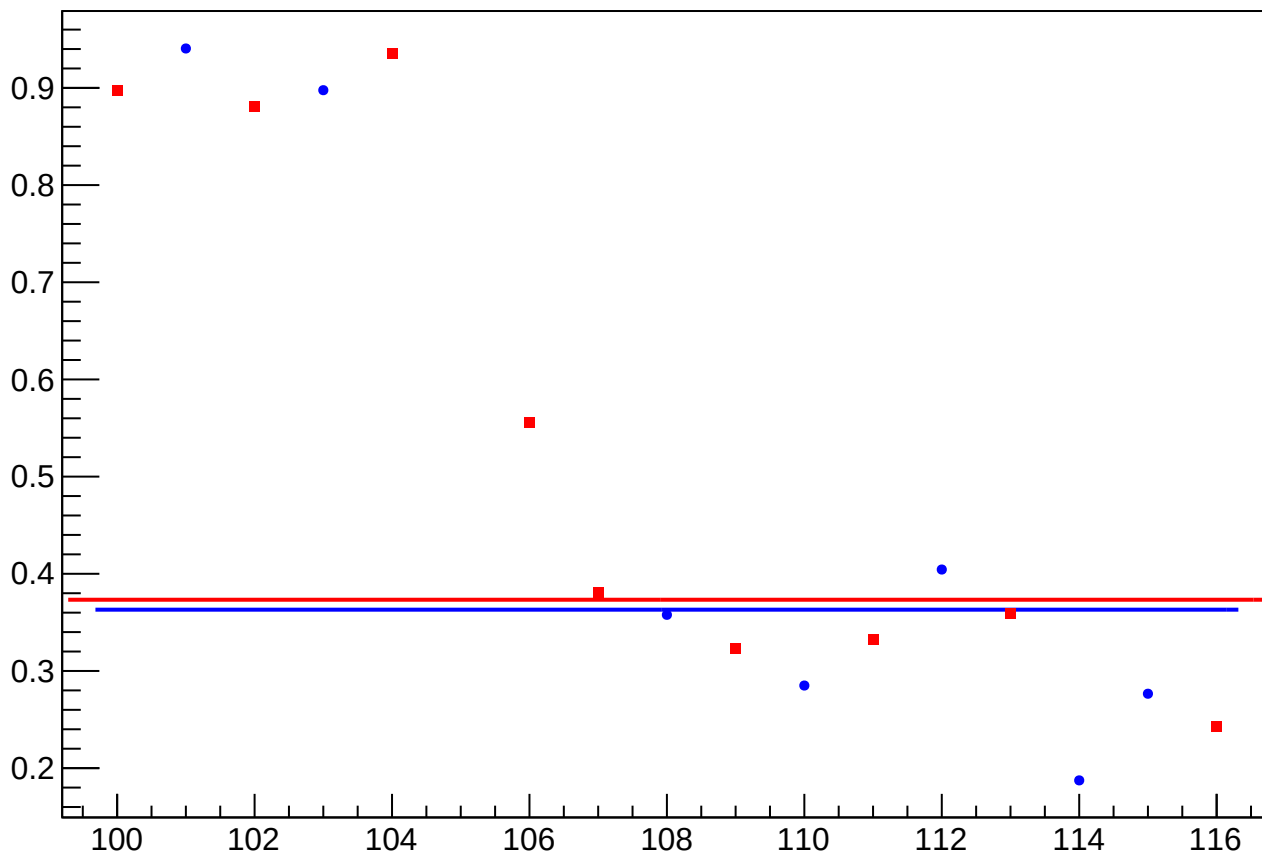
All: 0.357+/-0.000 χ^2/NDF : 2298094.3/15

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 152.093+/-0.000 χ^2/NDF : 1495676101.2/6
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 150.388+/-0.000 χ^2/NDF : 4904776284.5/15
 Right Out: 149.059+/-0.000 χ^2/NDF : 3329840253.5/8
 In: 152.093+/-0.000 χ^2/NDF : 1495676101.2/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 150.388+/-0.000 χ^2/NDF : 4904776284.5

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.363+/-0.000 χ^2/NDF : 1142215.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.373+/-0.000 χ^2/NDF : 1064508.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

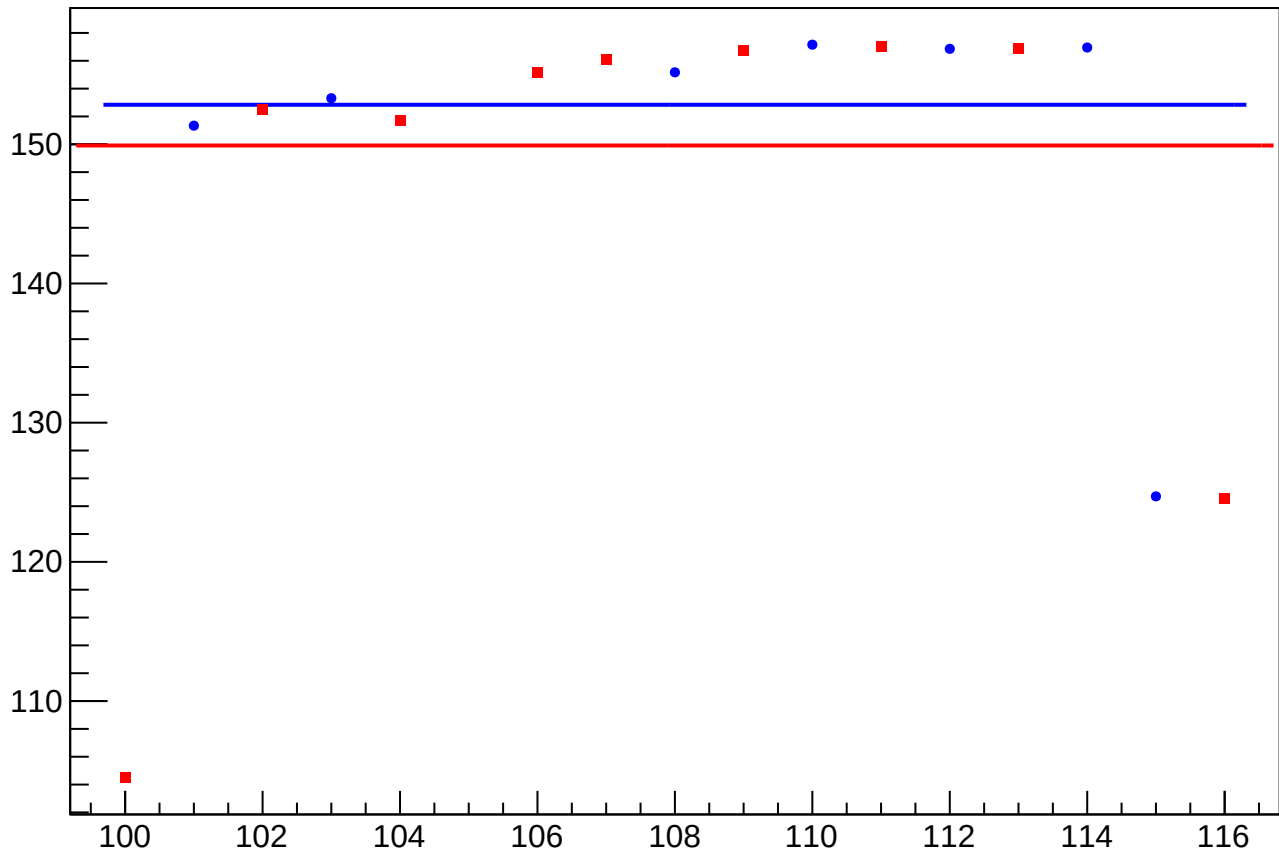
Right: 0.369+/-0.000 χ^2/NDF : 2208525.9/15

In: 0.363+/-0.000 χ^2/NDF : 1142215.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

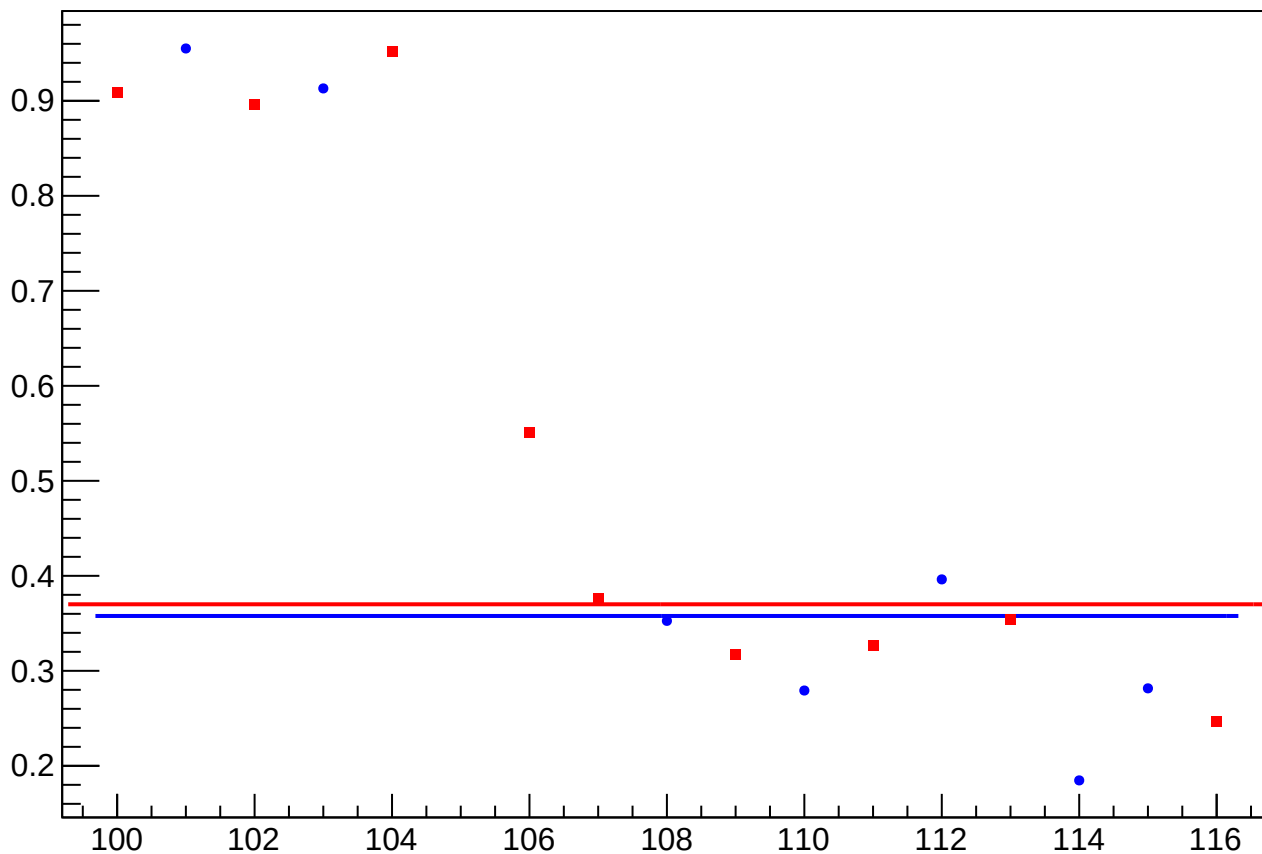
All: 0.369+/-0.000 χ^2/NDF : 2208525.9/15

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 152.839+/-0.000 χ^2/NDF : 1490234099.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 149.914+/-0.000 χ^2/NDF : 3340896080.9/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 151.202+/-0.000 χ^2/NDF : 4906094593.0/15

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.358+/-0.000 χ^2/NDF : 1173409.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.370+/-0.000 χ^2/NDF : 1081022.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

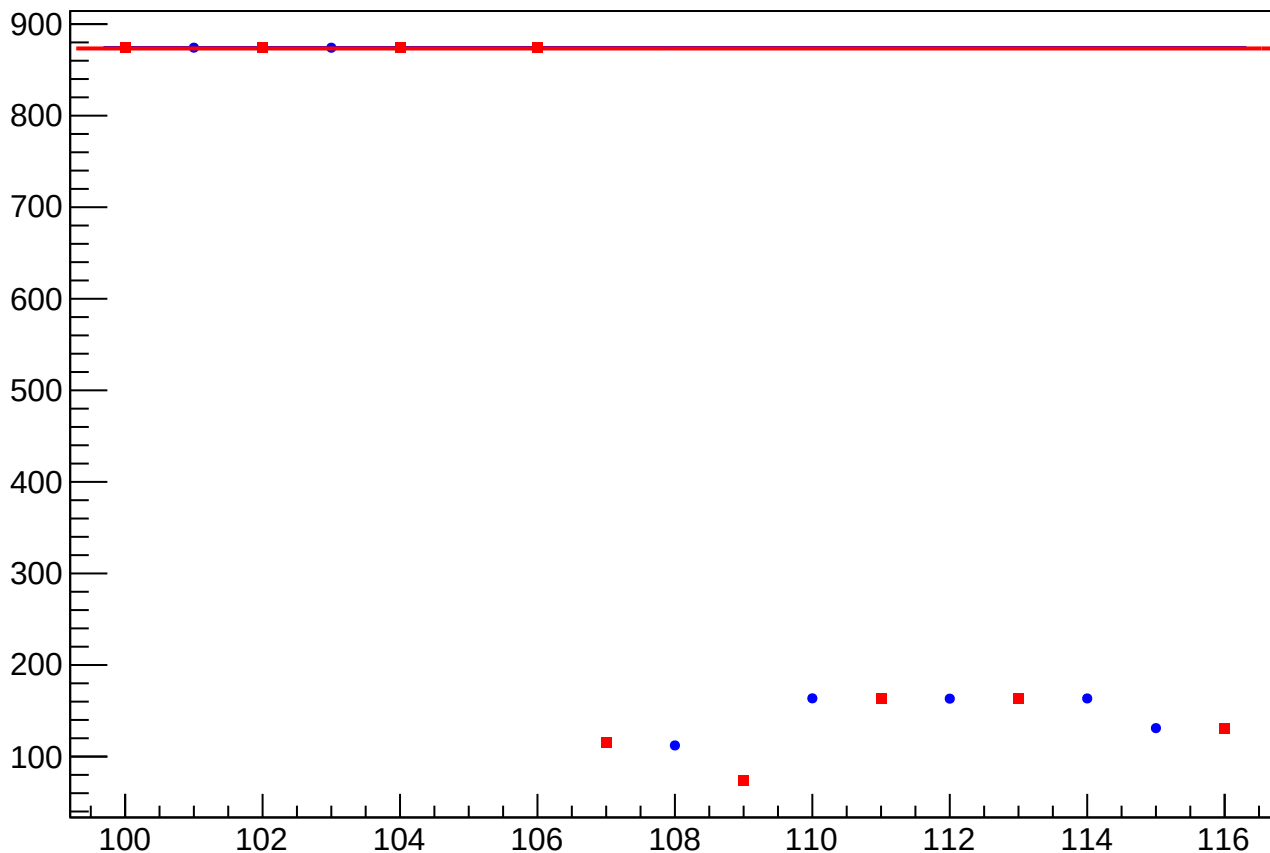
Right: 0.365+/-0.000 χ^2/NDF : 2257082.0/15

In: 0.358+/-0.000 χ^2/NDF :1173409.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.365+/-0.000 χ^2/NDF : 2257082.0/15

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 873.597+/-0.000 χ^2 /NDF: 6954745767820.6

In: 873.837+/-0.000 χ^2 /NDF: 2003855394212.1/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 873.597+/-0.000 χ^2 /NDF: 6954745767820.6

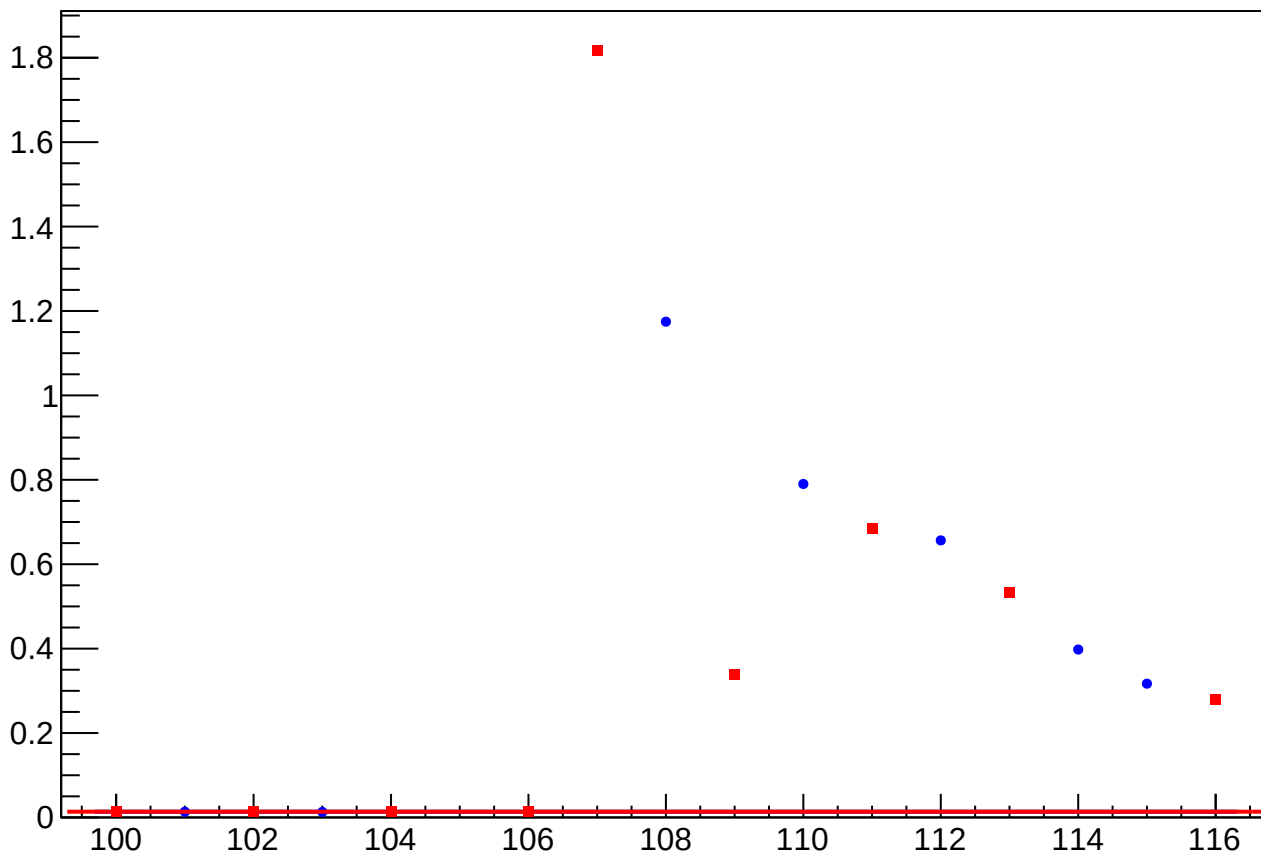
Right In: 873.837+/-0.000 χ^2 /NDF: 2003855394212.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 873.390+/-0.000 χ^2 /NDF: 4950128258582.8/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 2584407.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 3039695.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

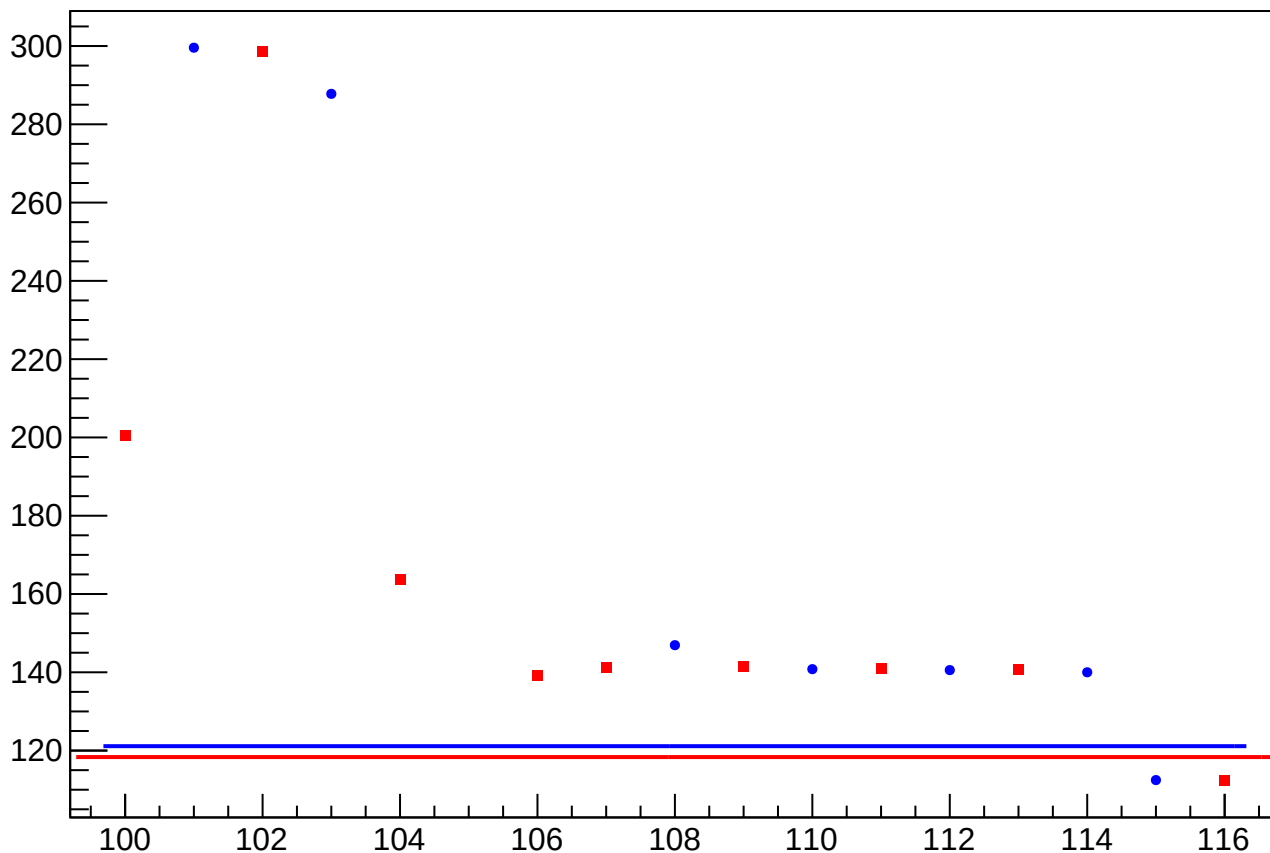
Right: 0.014+/-0.000 χ^2/NDF : 5624151.5/15

In: 0.014+/-0.000 χ^2/NDF :2584407.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

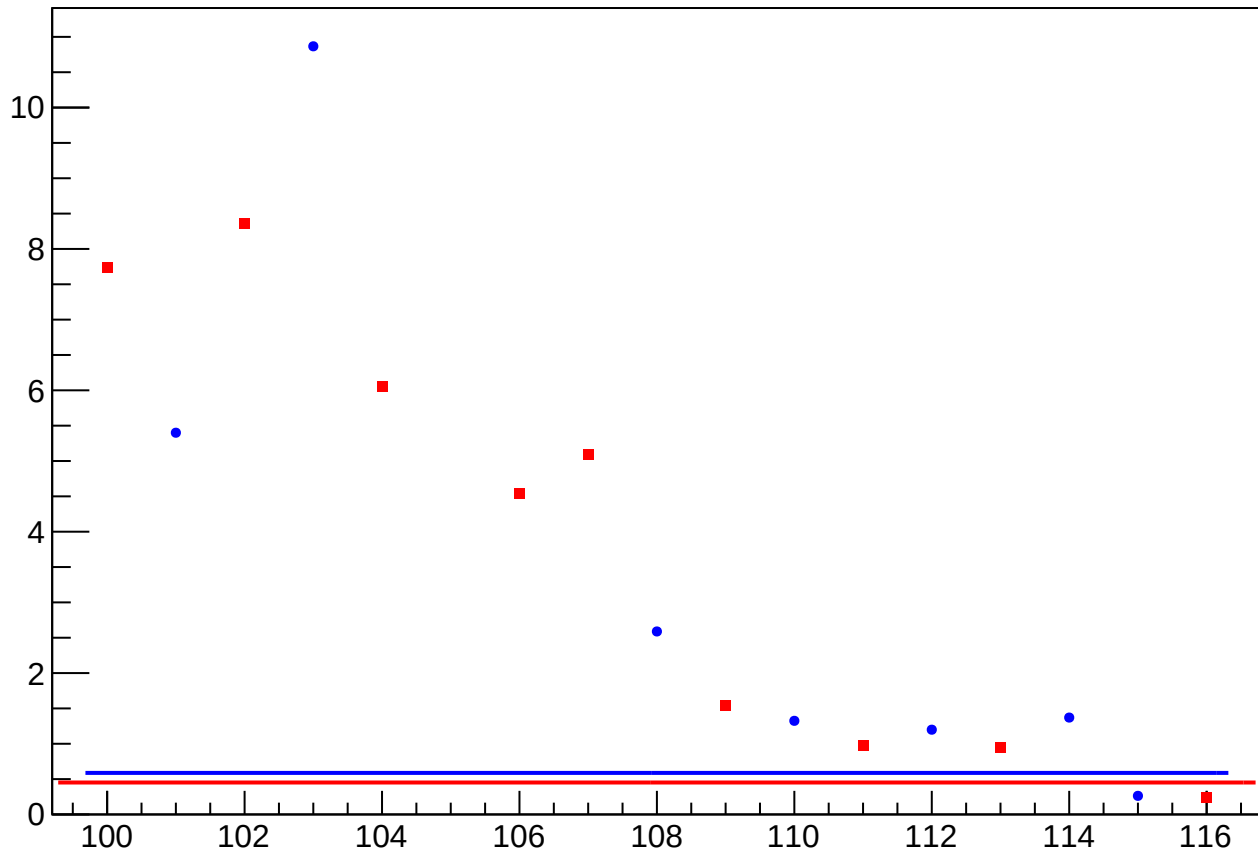
All: 0.014+/-0.000 χ^2/NDF : 5624151.5/15

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 121.126+/-0.001 χ^2/NDF : 1159173631.3/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 118.341+/-0.000 χ^2/NDF : 961348132.9/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 119.277+/-0.000 χ^2/NDF : 2133747376.3/15
 In: 121.126+/-0.001 χ^2/NDF : 1159173631.3/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 119.277+/-0.000 χ^2/NDF : 2133747376.3/15

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.588+/-0.000 χ^2/NDF : 3282923.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.452+/-0.000 χ^2/NDF : 3942424.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

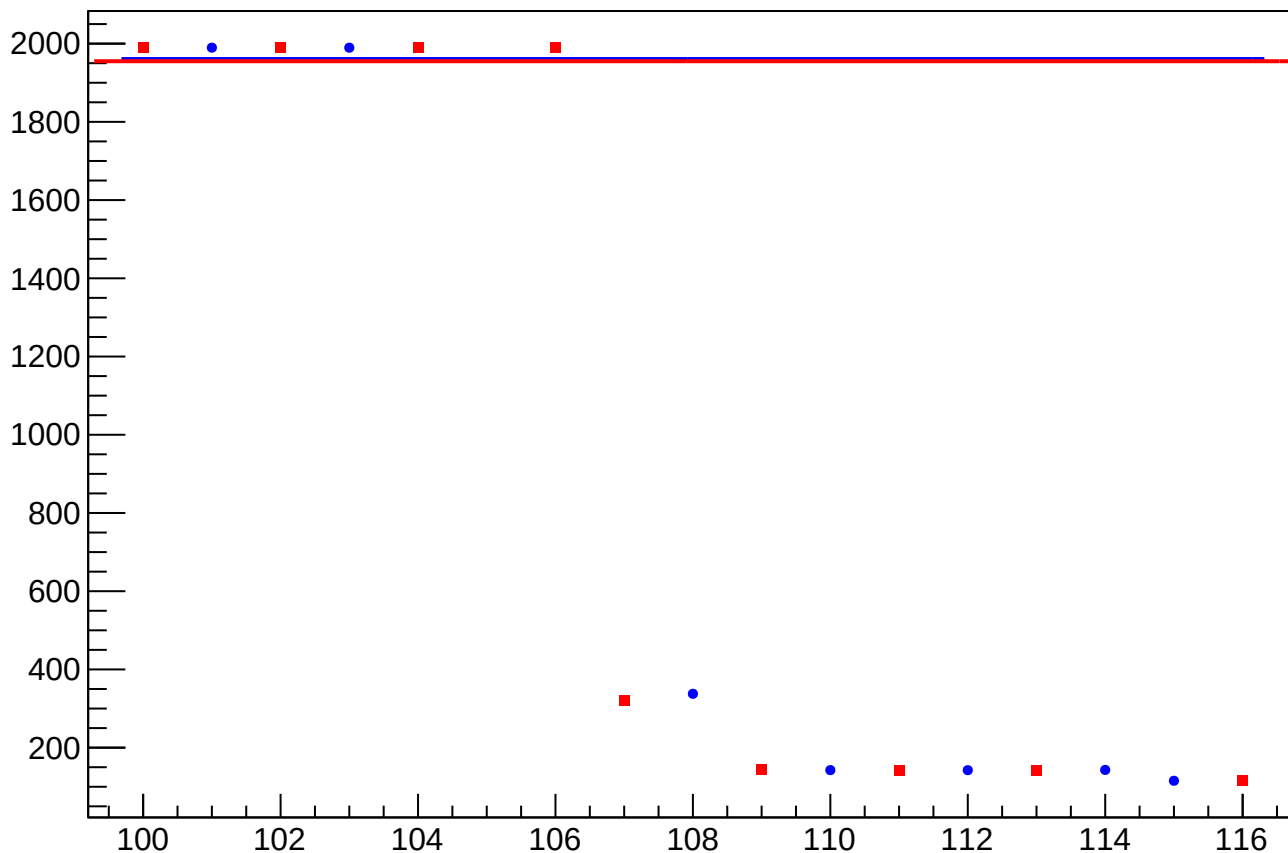
Right: 0.498+/-0.000 χ^2/NDF : 7288300.1/15

In: 0.588+/-0.000 χ^2/NDF : 3282923.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.498+/-0.000 χ^2/NDF : 7288300.1/15

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 1960.576+/-0.000 χ^2 /NDF: 28205434017796.7/6

Right: 1957.565+/-0.000 χ^2 /NDF: 68122622564350

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1955.032+/-0.000 χ^2 /NDF: 39908295611402.7/8

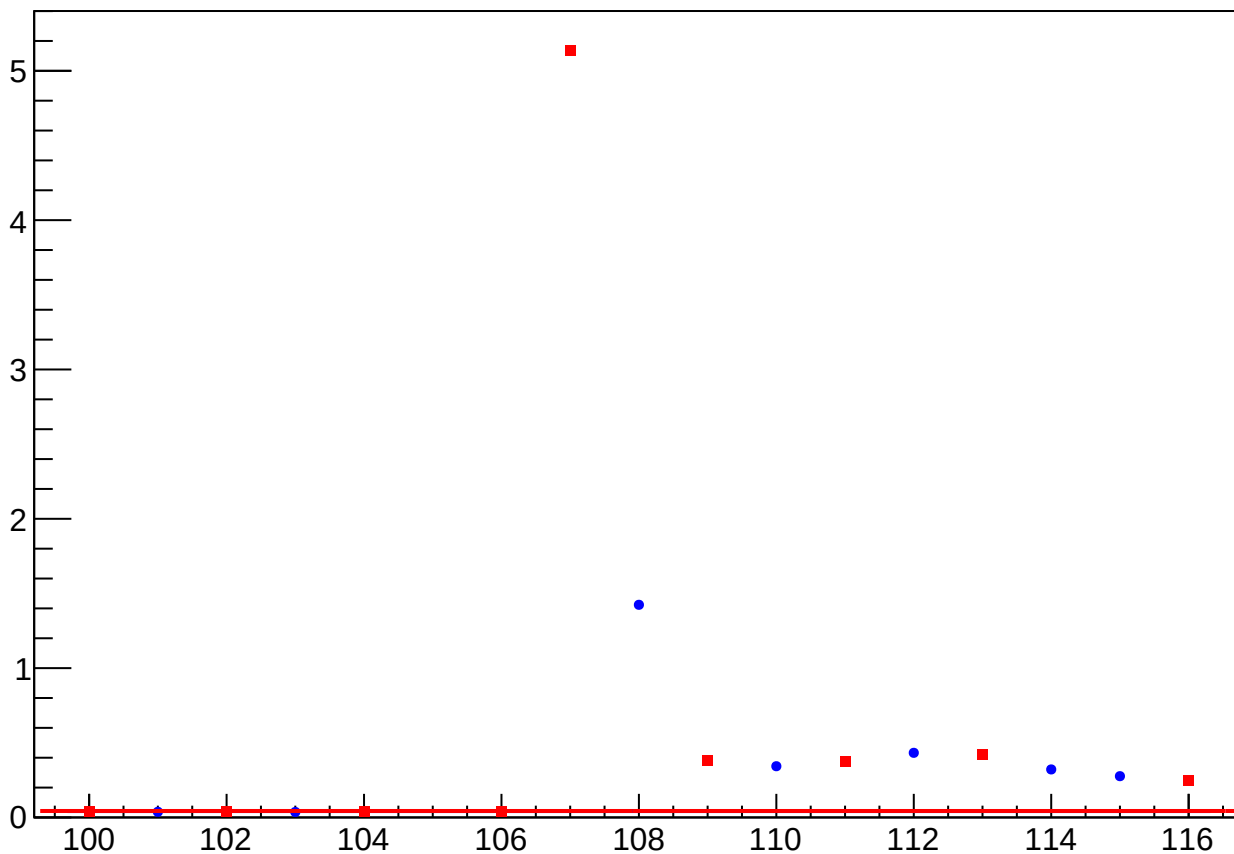
In: 1960.576+/-0.000 χ^2 /NDF: 28205434017796.7/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1957.565+/-0.000 χ^2 /NDF: 68122622564350

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.043+/-0.000 χ^2/NDF : 2283409.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000 χ^2/NDF : 2591096.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

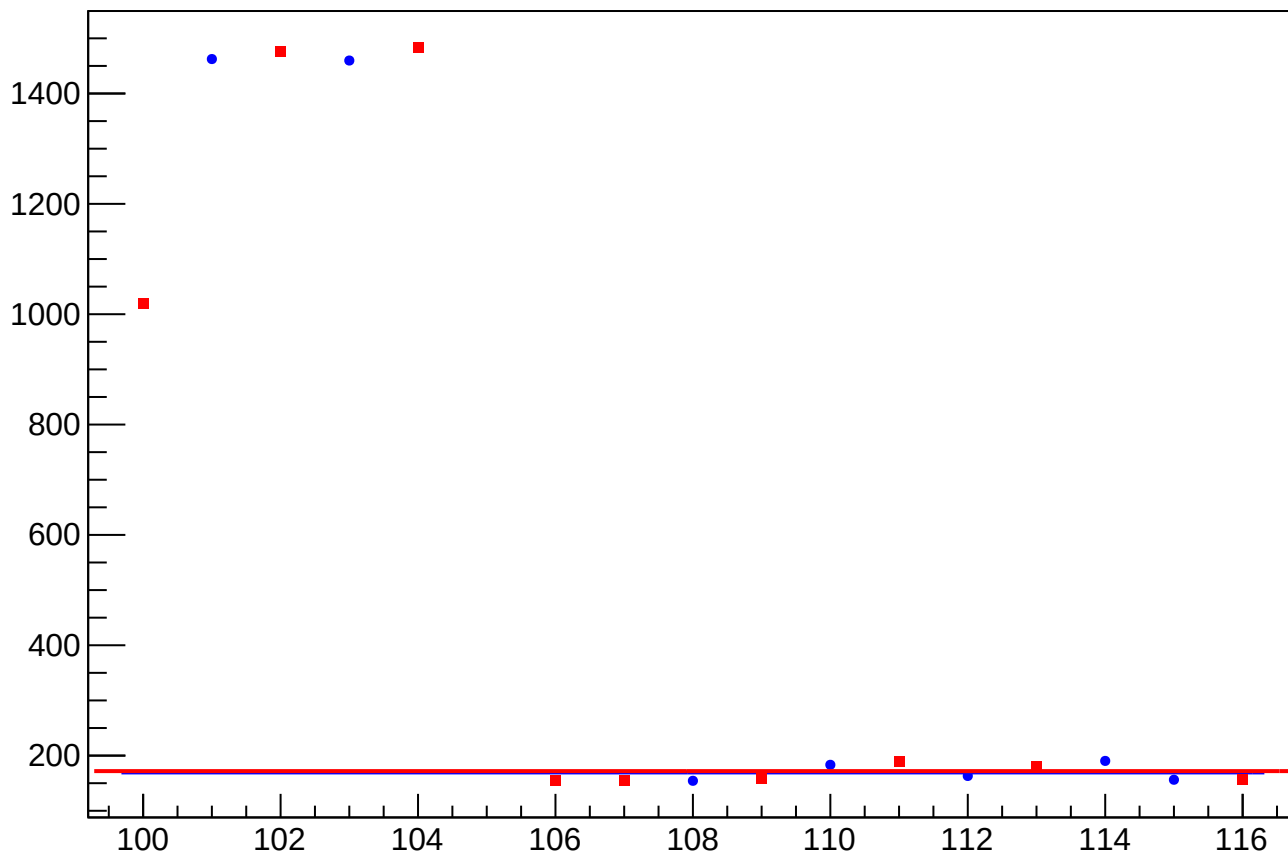
Right: 0.043+/-0.000 χ^2/NDF : 4874621.0/15

In: 0.043+/-0.000 χ^2/NDF : 2283409.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

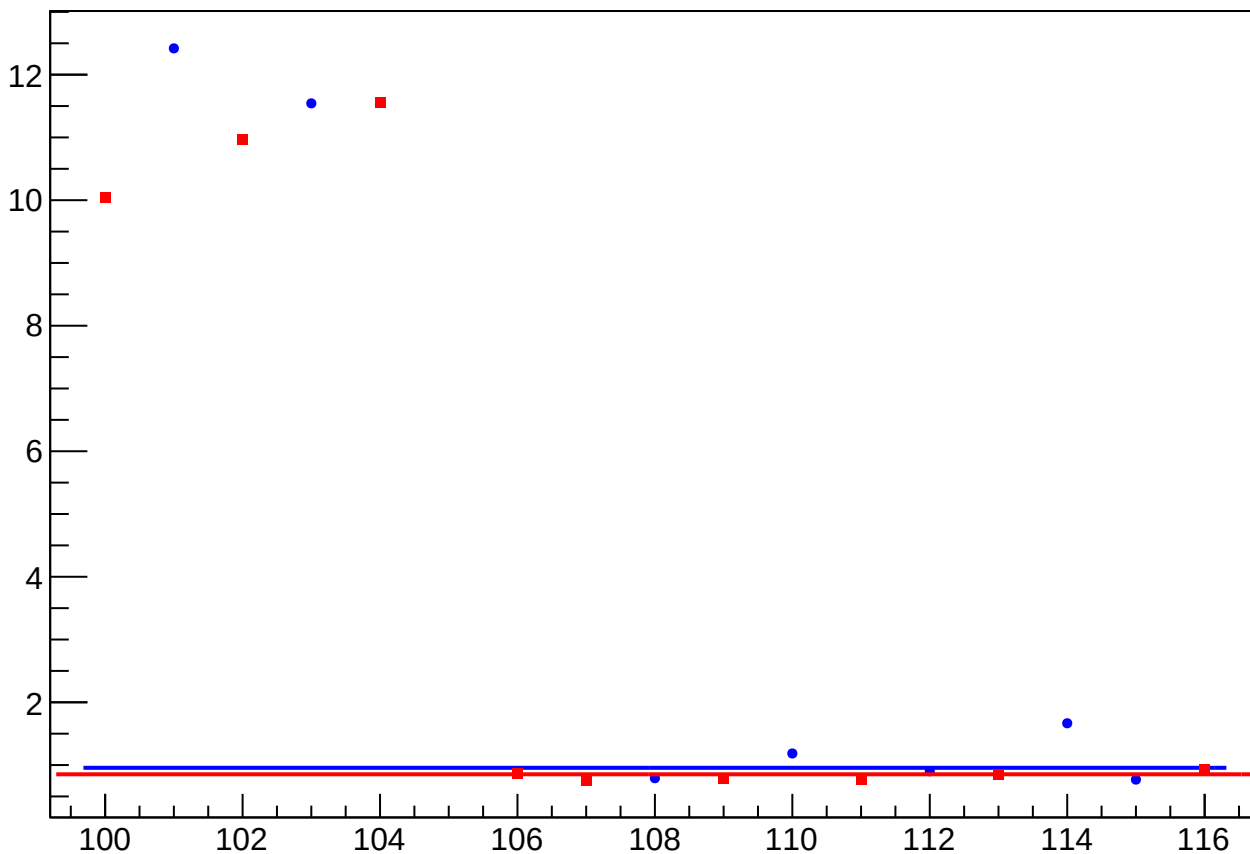
All: 0.043+/-0.000 χ^2/NDF : 4874621.0/15

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 169.529+/-0.001 χ^2/NDF : 14263032263.4/6
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 171.043+/-0.001 χ^2/NDF : 30303759866.7/15
 In: 169.529+/-0.001 χ^2/NDF : 14263032263.4/6
 Right Out: 171.915+/-0.001 χ^2/NDF : 16035591337.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 171.043+/-0.001 χ^2/NDF : 30303759866.7/15

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.956+/-0.001 χ^2/NDF : 2137242.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.853+/-0.000 χ^2/NDF : 2029476.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

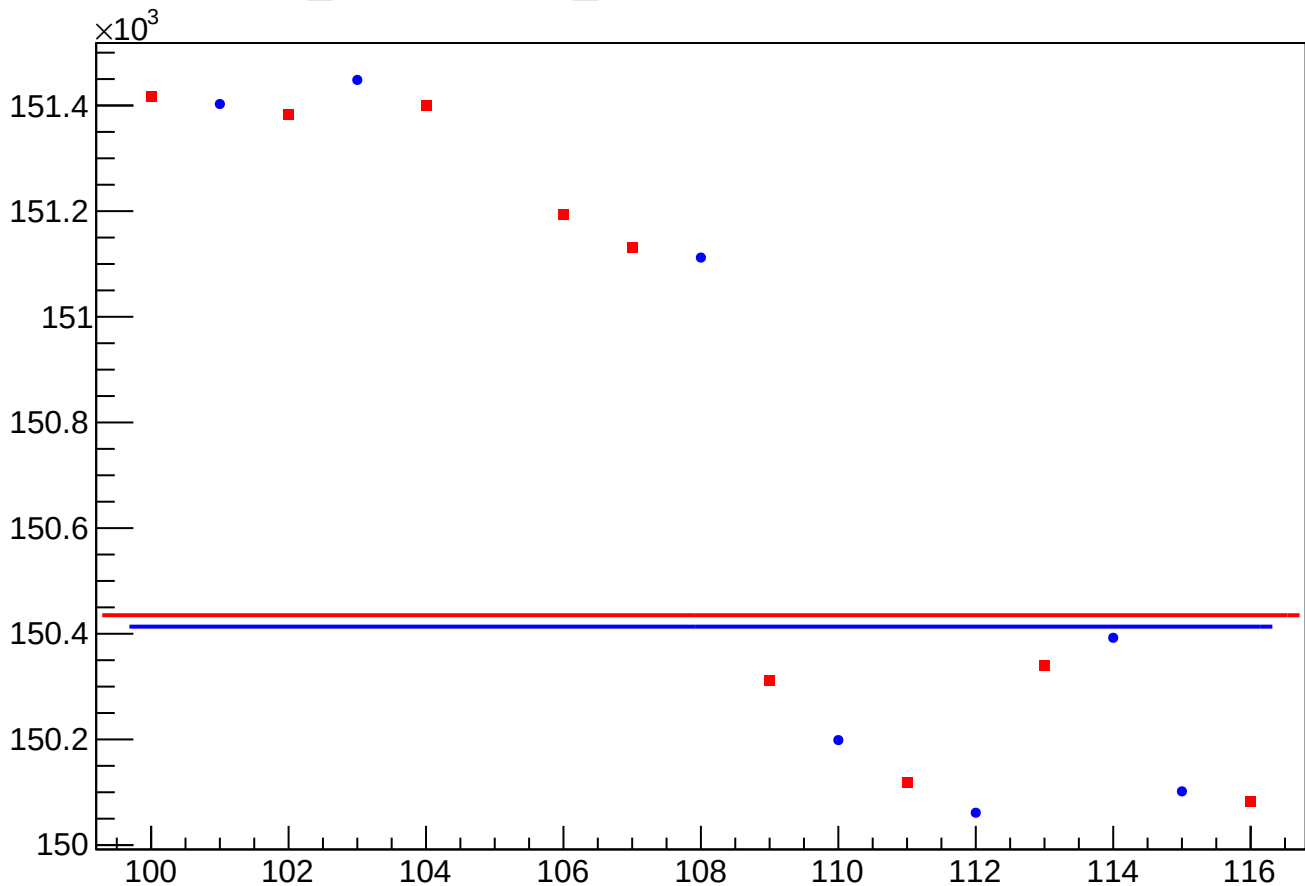
Right: 0.891+/-0.000 χ^2/NDF : 4186037.1/15

In: 0.956+/-0.001 χ^2/NDF : 2137242.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.891+/-0.000 χ^2/NDF : 4186037.1/15

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150413.497 $\pm$ 0.087 χ^2 /NDF: 29048406.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150435.128 $\pm$ 0.071 χ^2 /NDF: 32882687.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

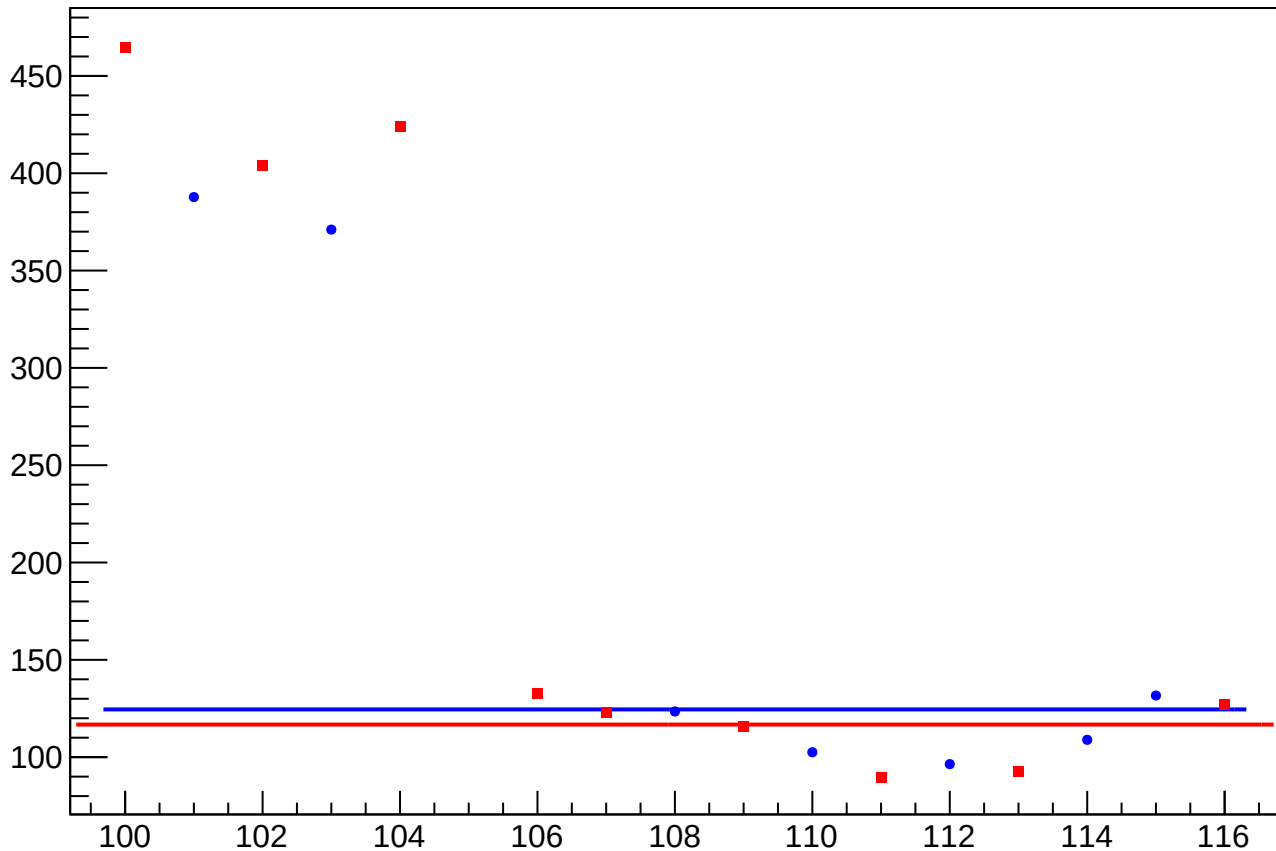
Right: 150426.501 $\pm$ 0.055 χ^2 /NDF: 61967991.8/15

In: 150413.497 $\pm$ 0.087 χ^2 /NDF: 29048406.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150426.501 $\pm$ 0.055 χ^2 /NDF: 61967991.8/15

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 124.527+/-0.062 χ^2/NDF : 1218051.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.744+/-0.050 χ^2/NDF : 1430417.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

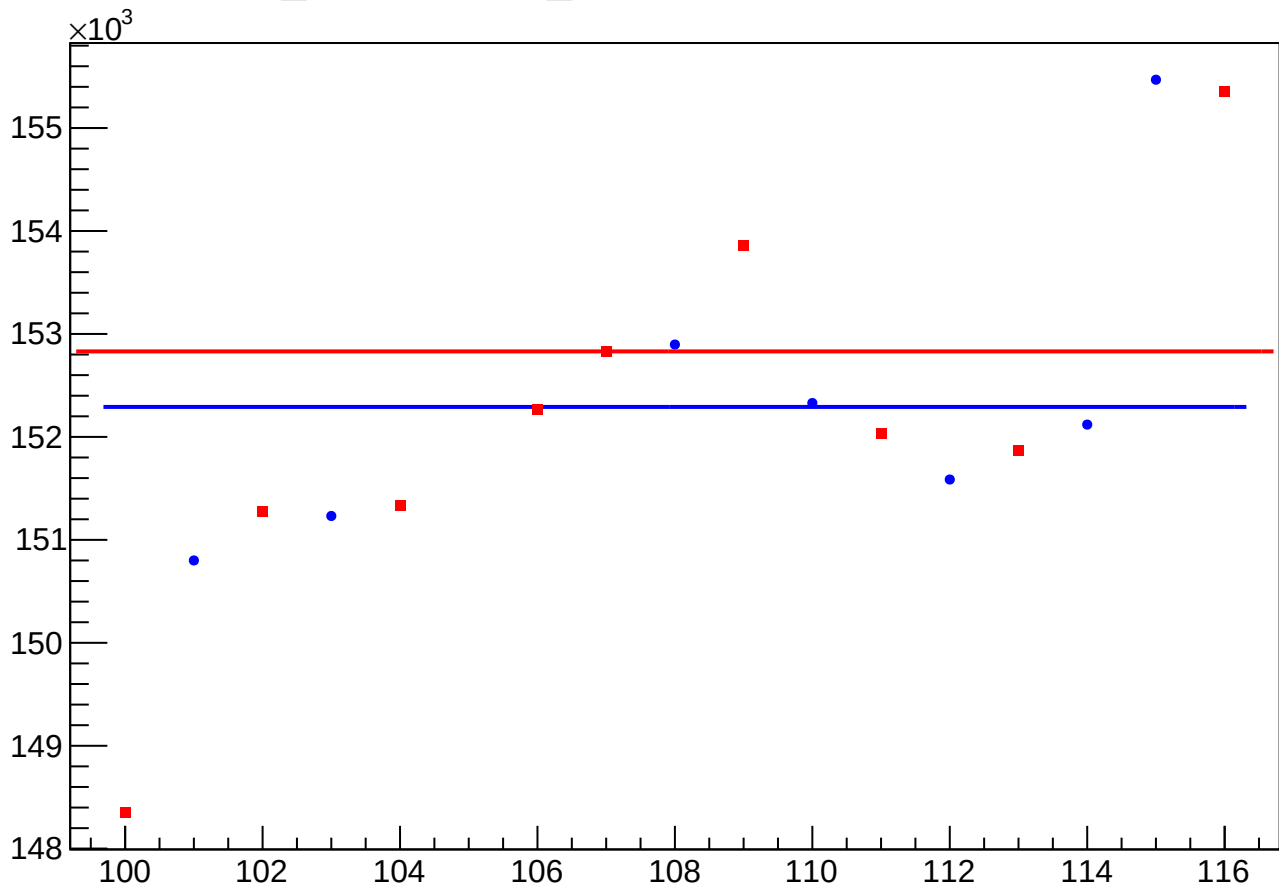
Right: 119.848+/-0.039 χ^2/NDF : 2658021.2/15

In: 124.527+/-0.062 χ^2/NDF : 1218051.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.848+/-0.039 χ^2/NDF : 2658021.2/15

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152622.870+/-0.079 χ^2 /NDF: 221002410.5/1

In: 152291.155+/-0.127 χ^2 /NDF: 63761443.2/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152622.870+/-0.079 χ^2 /NDF: 221002410.5/1

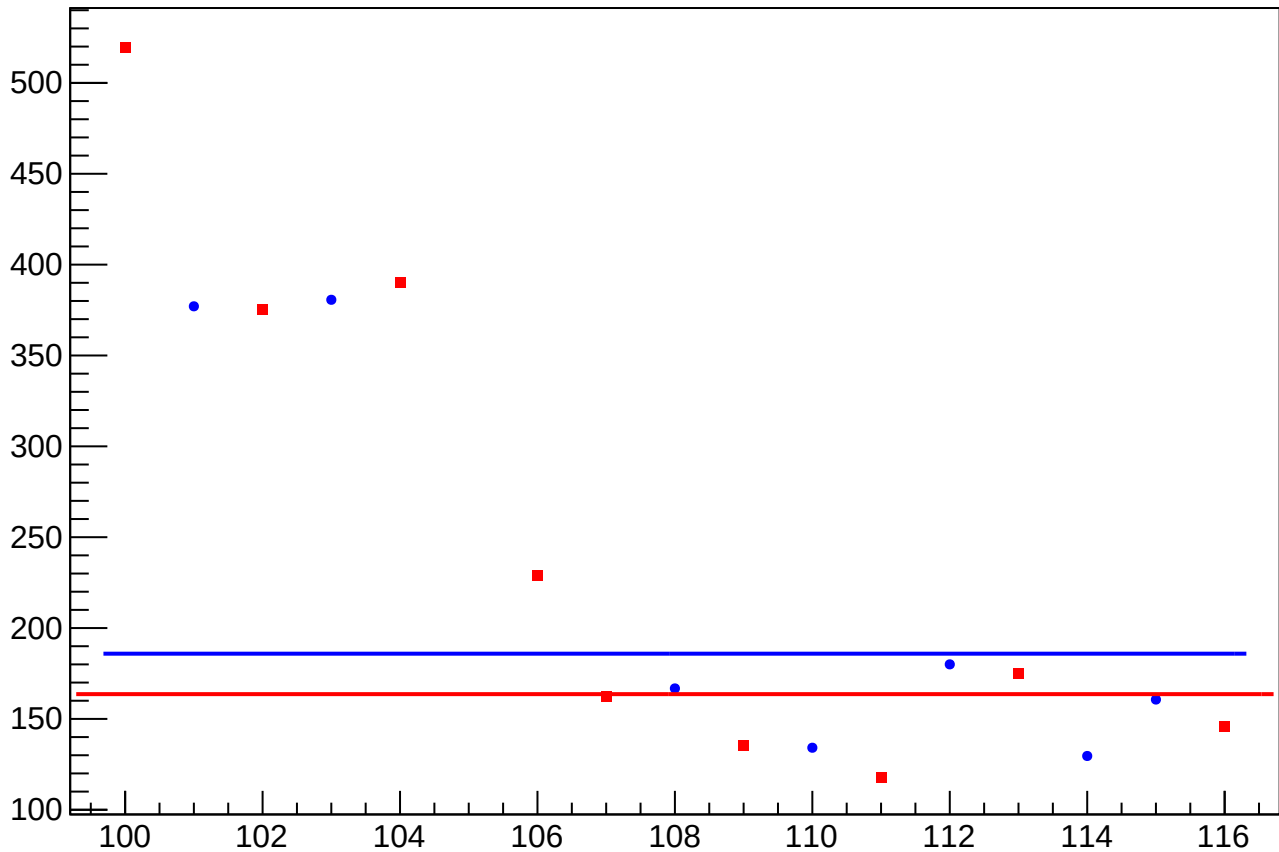
Right In: 152291.155+/-0.127 χ^2 /NDF: 63761443.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152830.405+/-0.100 χ^2 /NDF: 146099588.2/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 185.896+/-0.090 χ^2/NDF : 803261.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.635+/-0.071 χ^2/NDF : 1048234.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

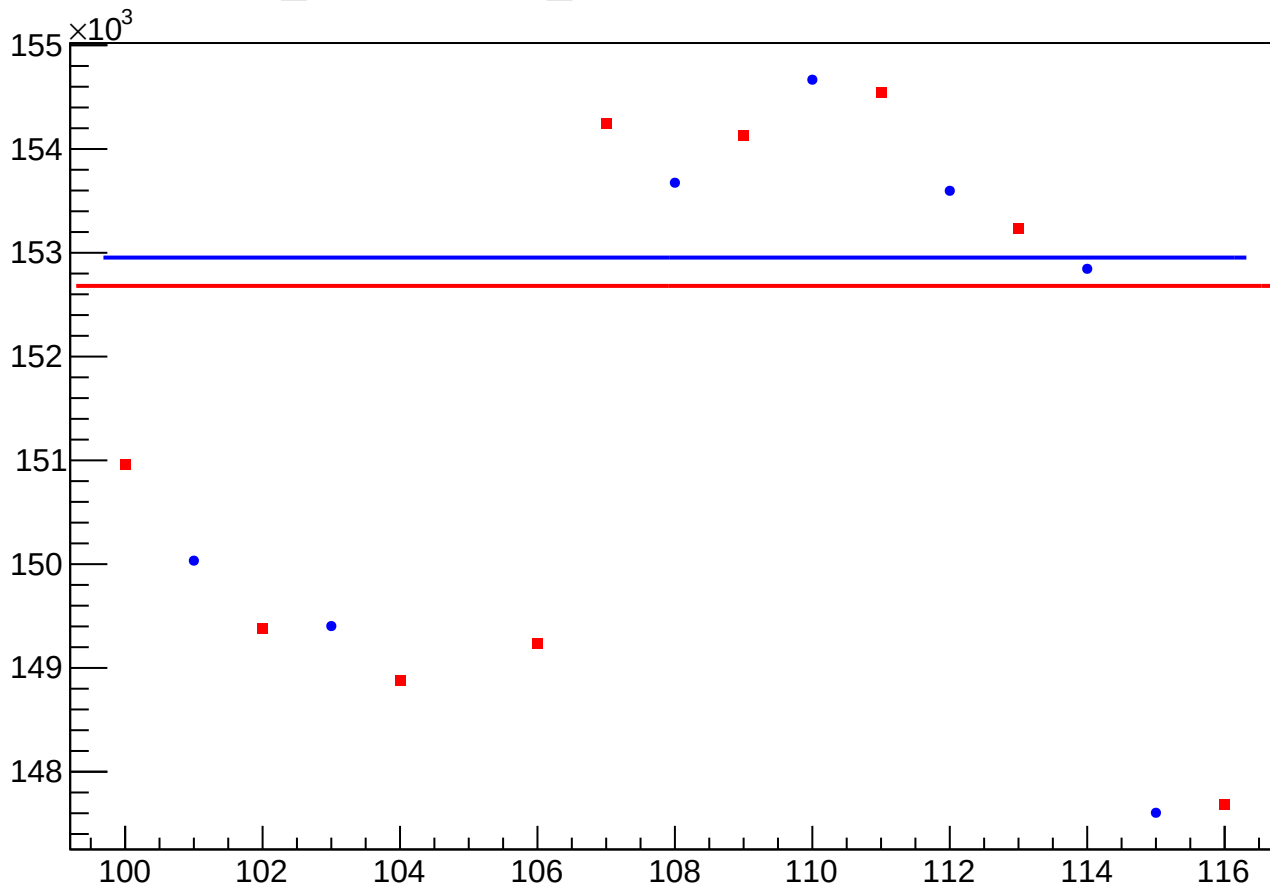
Right: 172.202+/-0.056 χ^2/NDF : 1889468.3/15

In: 185.896+/-0.090 χ^2/NDF : 803261.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.202+/-0.056 χ^2/NDF : 1889468.3/15

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152953.951+/-0.106 χ^2 /NDF: 387614548.4/6

Right: 152791.703+/-0.068 χ^2 /NDF: 1164154363.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152680.990+/-0.088 χ^2 /NDF: 772611695.8/8

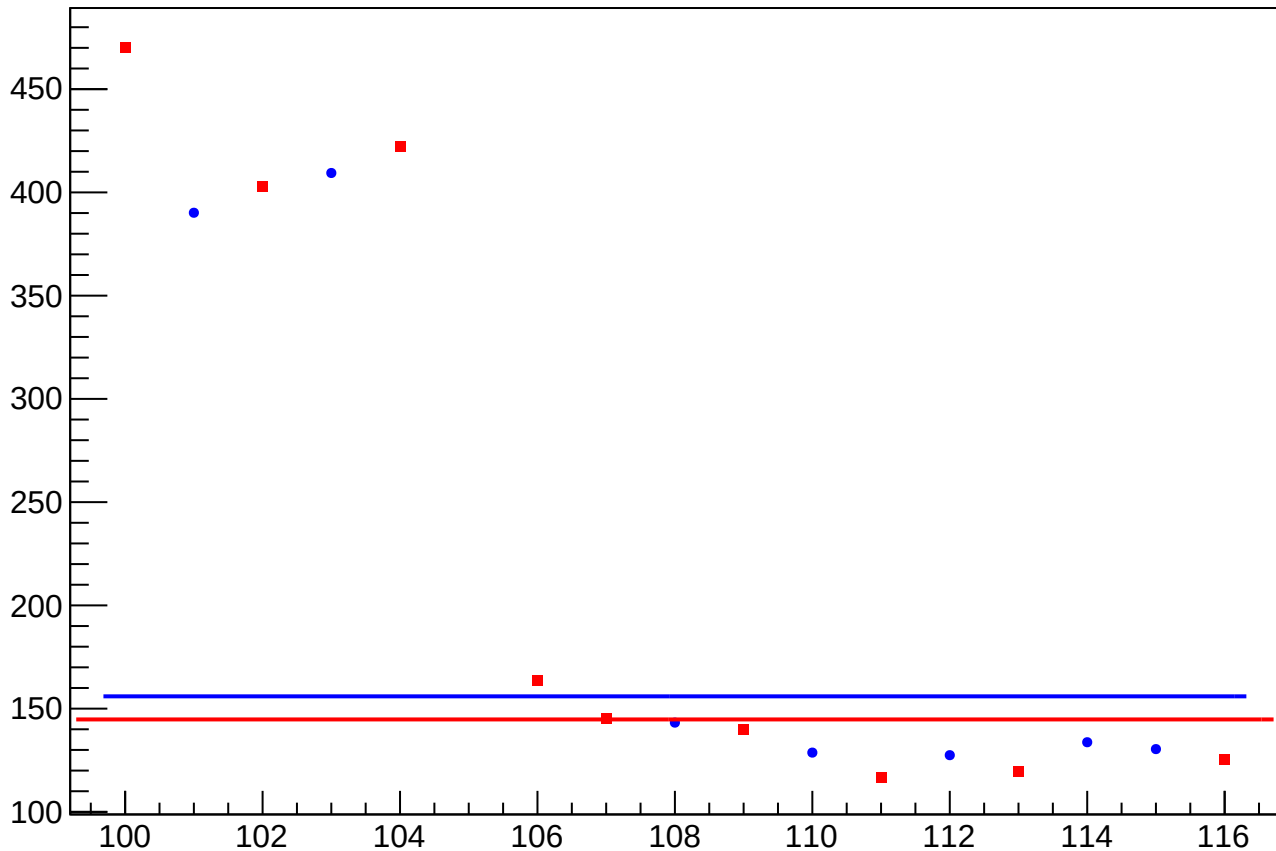
In: 152953.951+/-0.106 χ^2 /NDF: 387614548.4/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152791.703+/-0.068 χ^2 /NDF: 1164154363.5/6

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 155.954+/-0.075 χ^2/NDF : 1032123.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.770+/-0.062 χ^2/NDF : 1155181.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

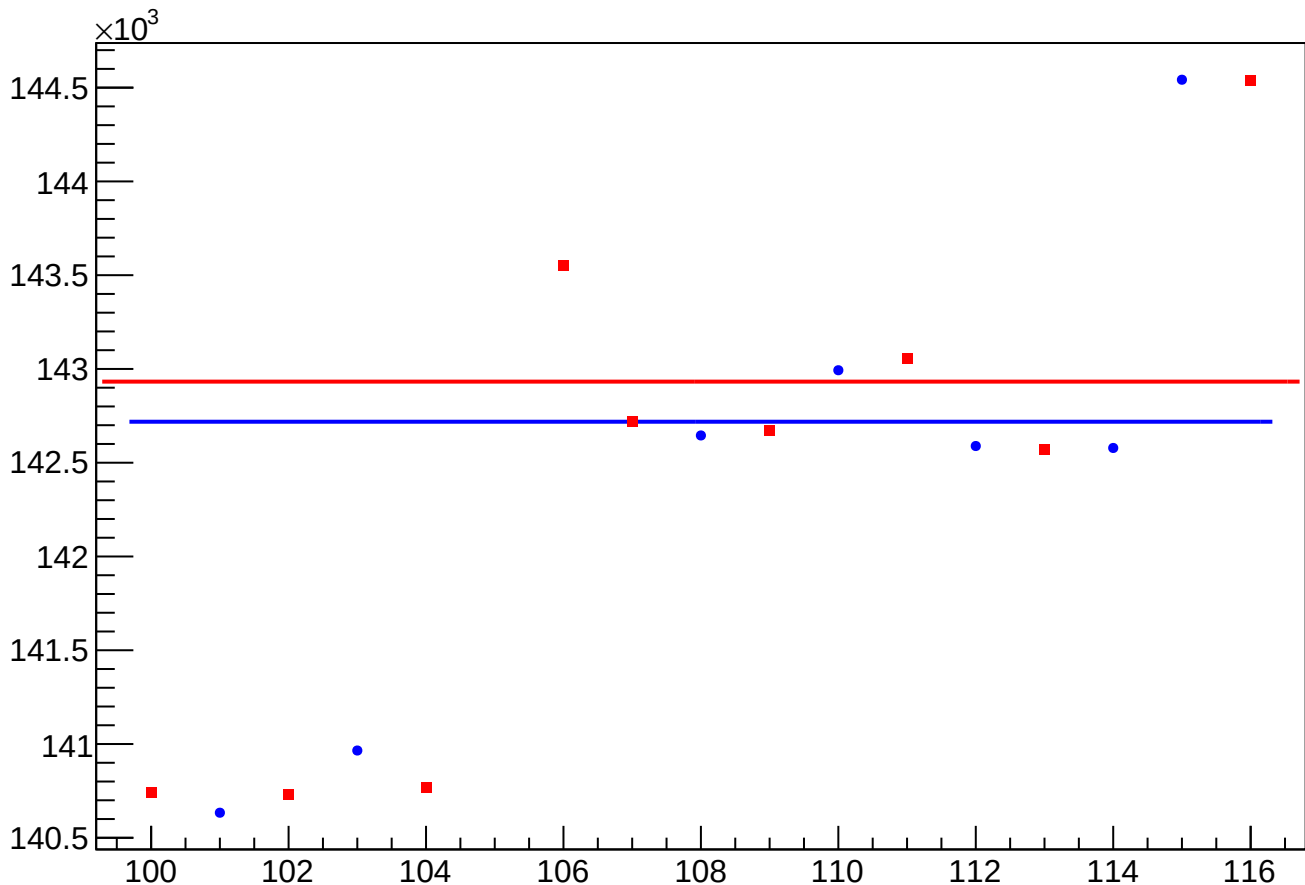
Right: 149.306+/-0.048 χ^2/NDF : 2200493.8/15

In: 155.954+/-0.075 χ^2/NDF : 1032123.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

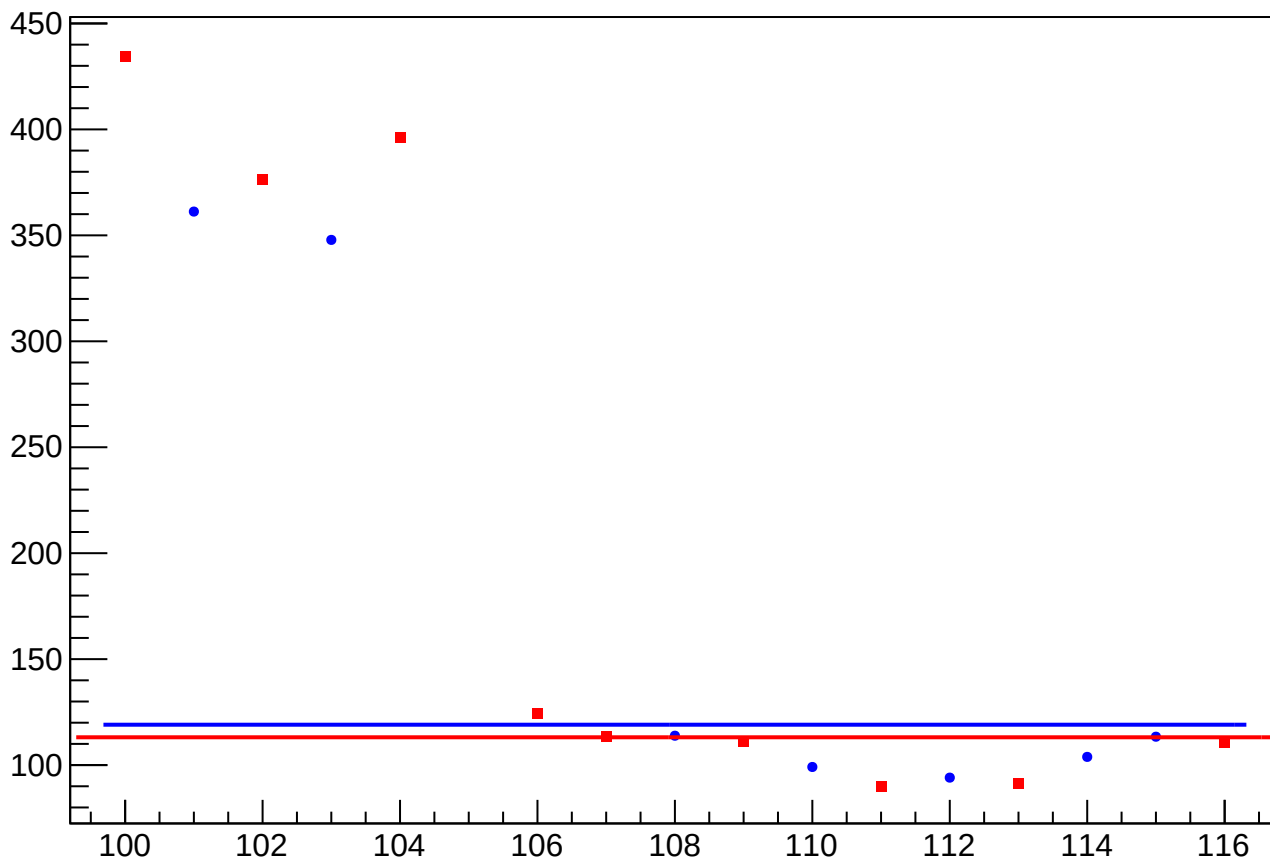
All: 149.306+/-0.048 χ^2/NDF : 2200493.8/15

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 142718.587 $\pm$ 0.083 χ^2 /NDF: 74165803.2/6
 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: 142846.123 $\pm$ 0.053 χ^2 /NDF: 189345517.6/1
 In: 142718.587 $\pm$ 0.083 χ^2 /NDF: 74165803.2/6
 Right Out: 142932.440 $\pm$ 0.068 χ^2 /NDF: 111237183.1/8
 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: 142846.123 $\pm$ 0.053 χ^2 /NDF: 189345517.6/1

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.052+/-0.059 χ^2/NDF : 1181051.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.119+/-0.048 χ^2/NDF : 1353766.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

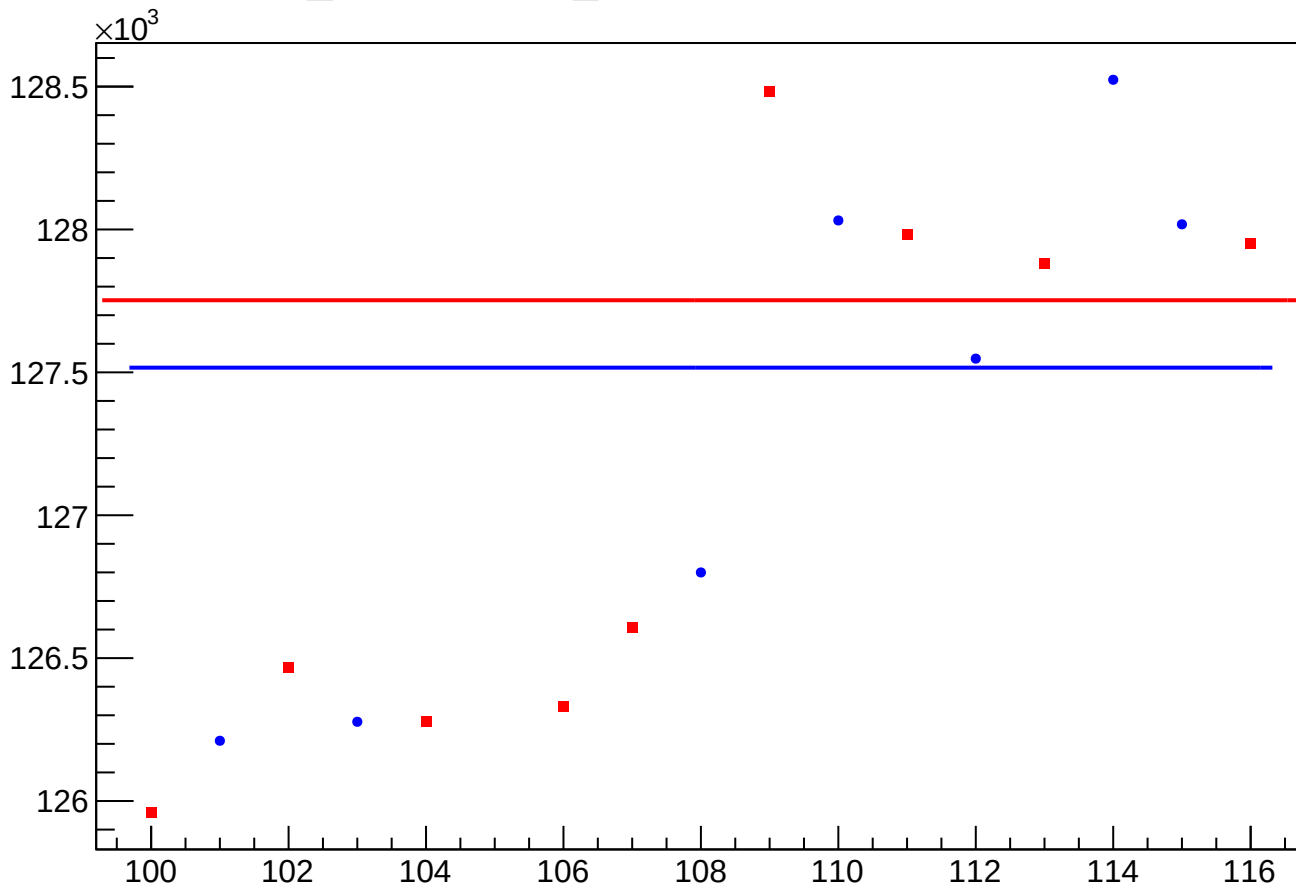
Right: 115.514+/-0.037 χ^2/NDF : 2540887.5/15

In: 119.052+/-0.059 χ^2/NDF : 1181051.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

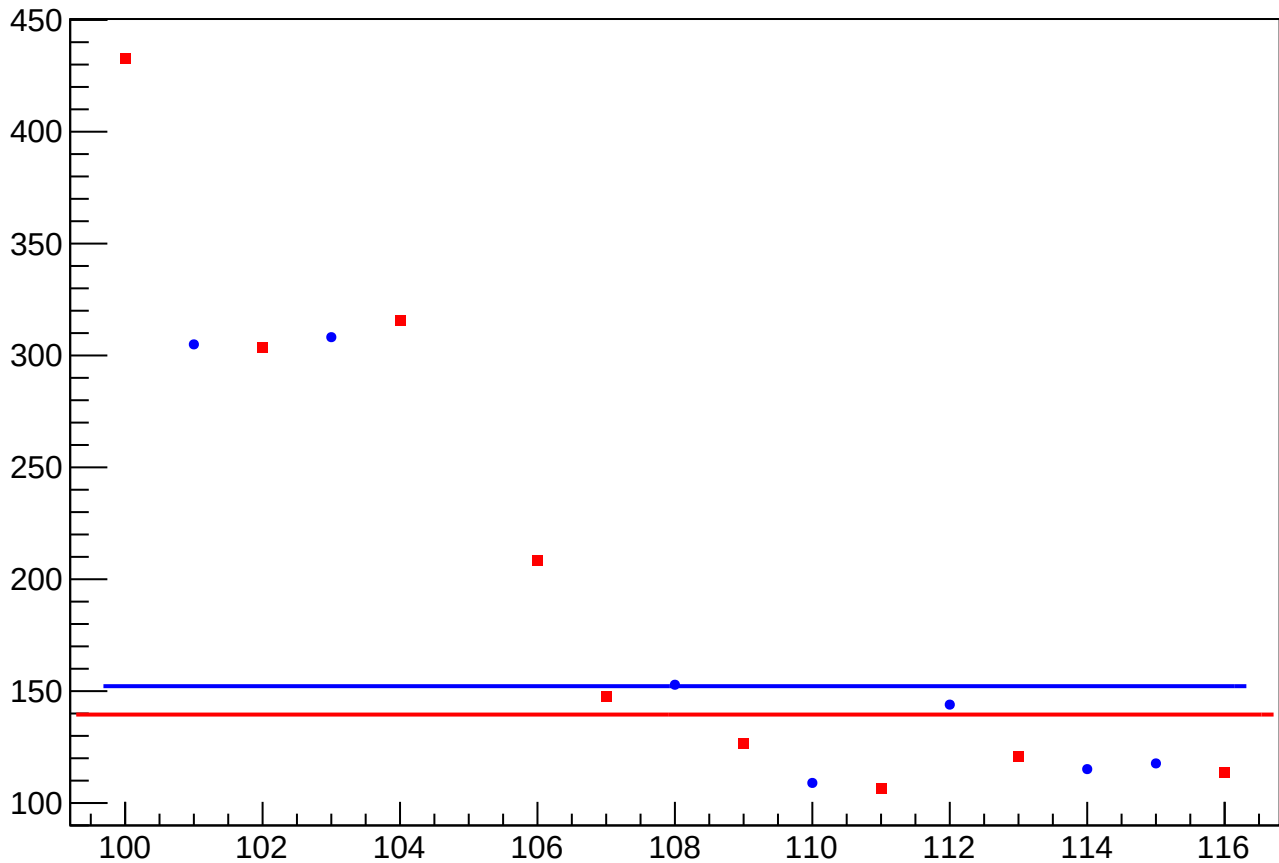
All: 115.514+/-0.037 χ^2/NDF : 2540887.5/15

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127516.449 $\pm$ 0.101 χ^2 /NDF: 49081769.5/6
 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: 127658.059 $\pm$ 0.064 χ^2 /NDF: 123507610.2/1
 In: 127516.449 $\pm$ 0.101 χ^2 /NDF: 49081769.5/6
 Right Out: 127752.315 $\pm$ 0.082 χ^2 /NDF: 71135731.5/8
 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: 127658.059 $\pm$ 0.064 χ^2 /NDF: 123507610.2/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 152.212 $\pm$ 0.071 χ^2 /NDF: 796743.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.527 $\pm$ 0.058 χ^2 /NDF: 968360.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

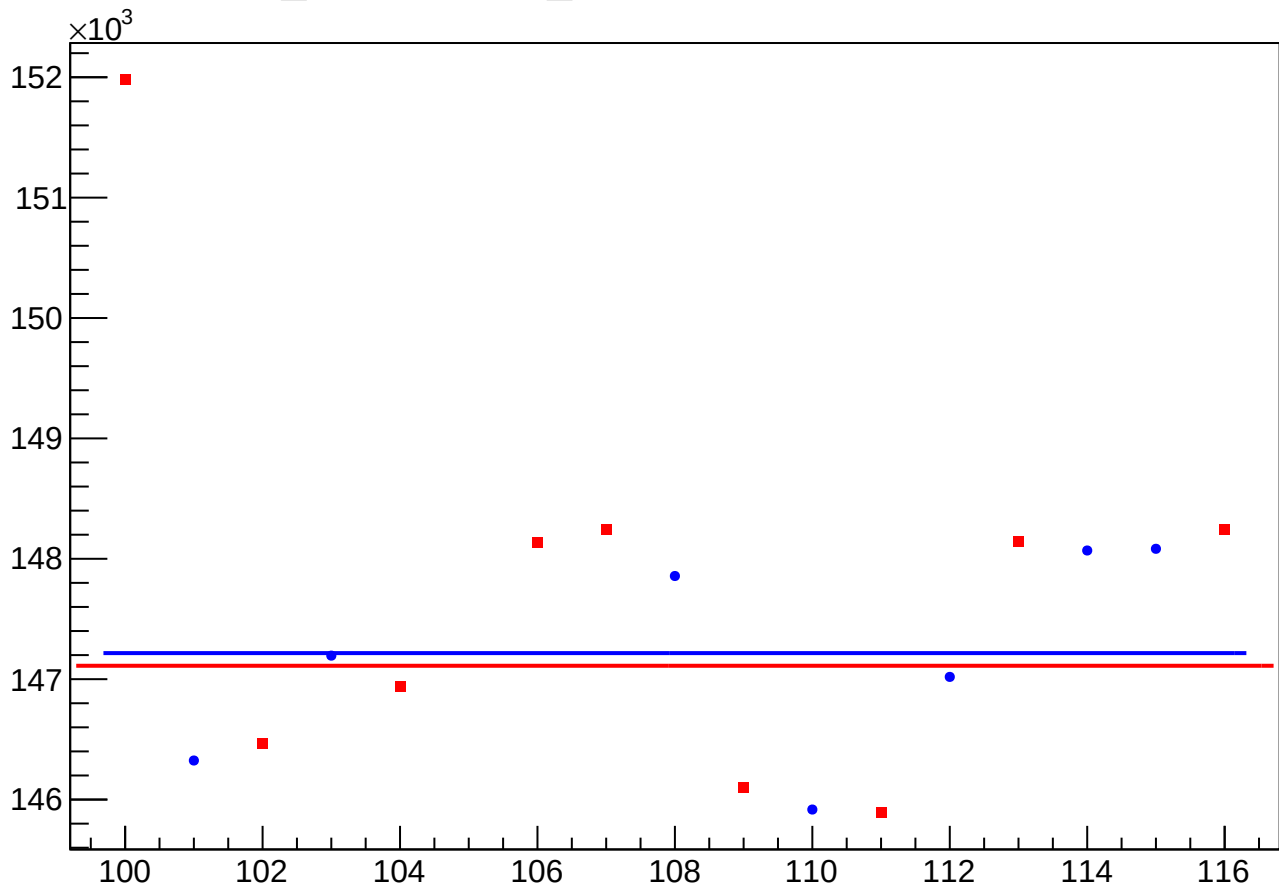
Right: 144.596 $\pm$ 0.045 χ^2 /NDF: 1784137.7/15

In: 152.212 $\pm$ 0.071 χ^2 /NDF: 796743.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

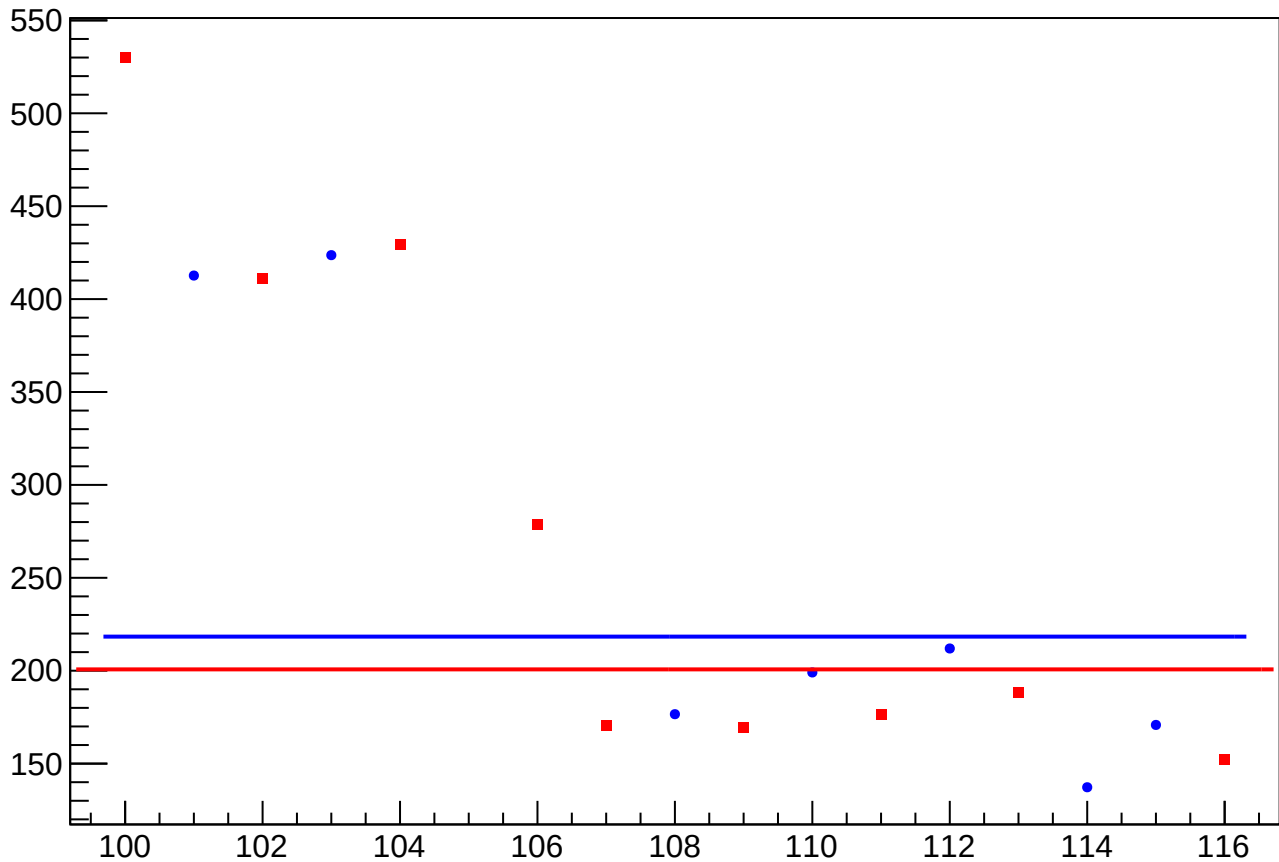
All: 144.596 $\pm$ 0.045 χ^2 /NDF: 1784137.7/15

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147216.555 $\pm$ 0.144 χ^2 /NDF: 31042453.9/6
 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: 147153.632 $\pm$ 0.091 χ^2 /NDF: 117307654.4/1
 Right Out: 147111.404 $\pm$ 0.118 χ^2 /NDF: 85947356.0/8
 In: 147216.555 $\pm$ 0.144 χ^2 /NDF: 31042453.9/6
 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: 147153.632 $\pm$ 0.091 χ^2 /NDF: 117307654

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 218.350+/-0.102 χ^2/NDF : 723180.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.715+/-0.084 χ^2/NDF : 846938.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

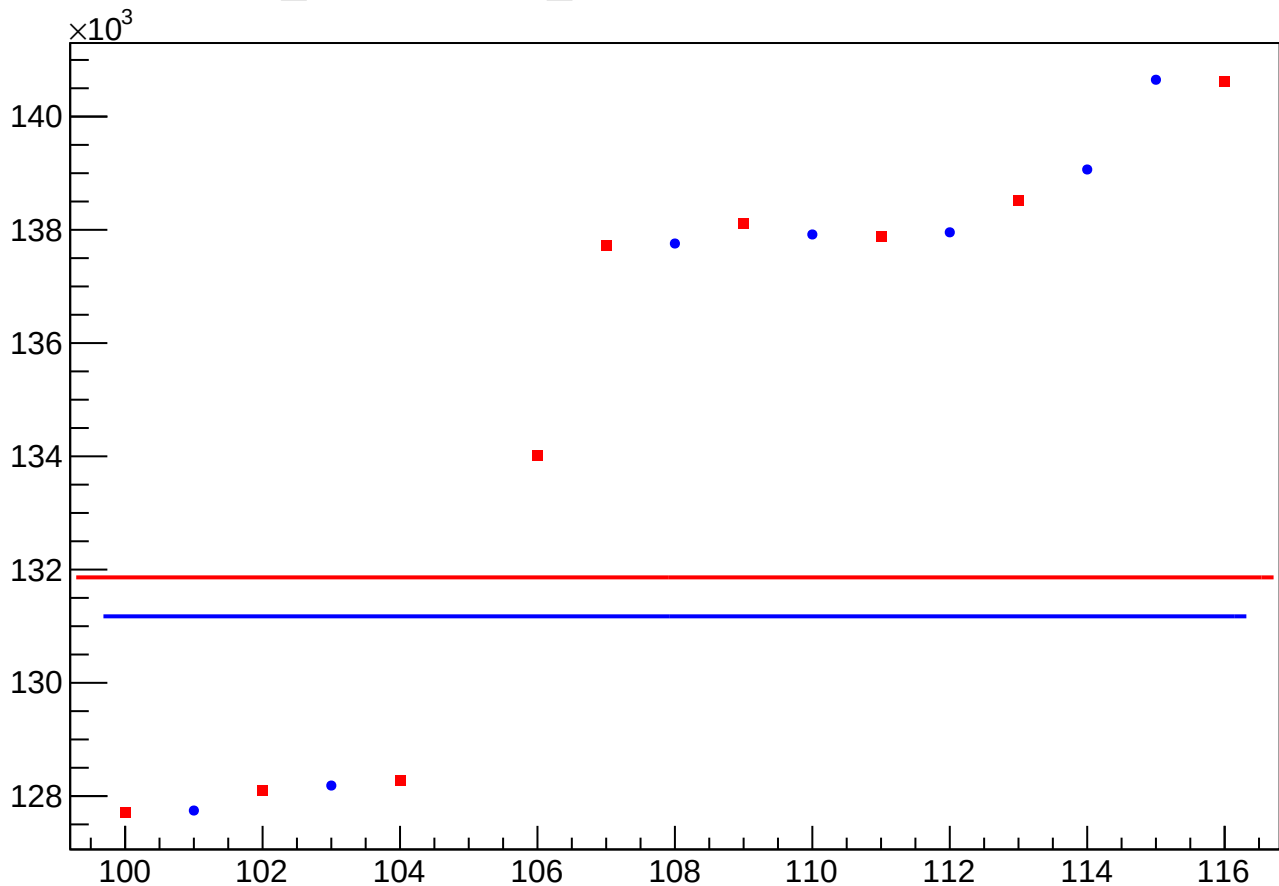
Right: 207.797+/-0.065 χ^2/NDF : 1587999.2/15

In: 218.350+/-0.102 χ^2/NDF : 723180.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

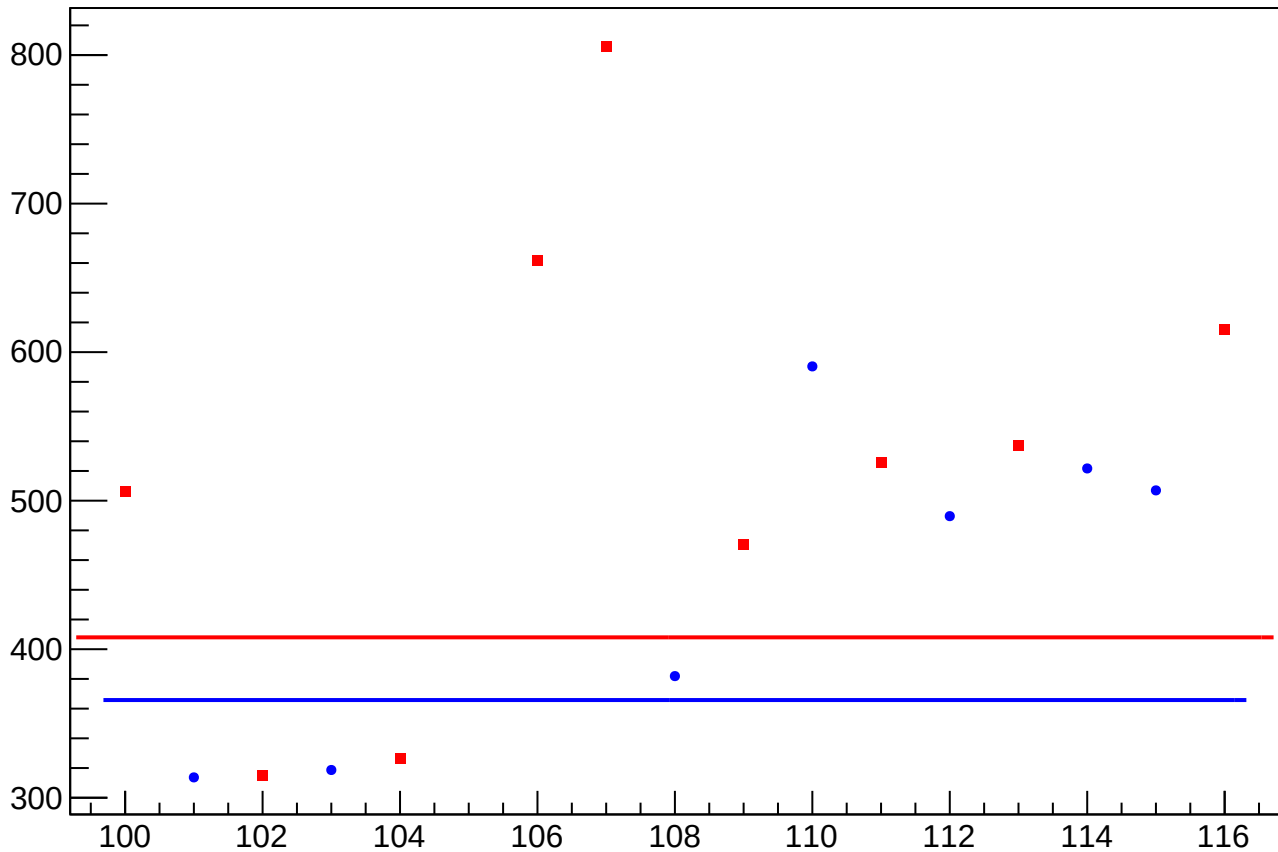
All: 207.797+/-0.065 χ^2/NDF : 1587999.2/15

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 131174.317 $\pm$ 0.234 χ^2 /NDF: 419388365.7/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 131862.281 $\pm$ 0.231 χ^2 /NDF: 437100792.4/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 131521.935 $\pm$ 0.165 χ^2 /NDF: 860858341.0/16
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 131521.935 $\pm$ 0.165 χ^2 /NDF: 860858341.0/16
 In: 131174.317 $\pm$ 0.234 χ^2 /NDF:419388365.7/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 365.772 $\pm$ 0.165 χ^2 /NDF: 260125.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 407.979 $\pm$ 0.164 χ^2 /NDF: 546271.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

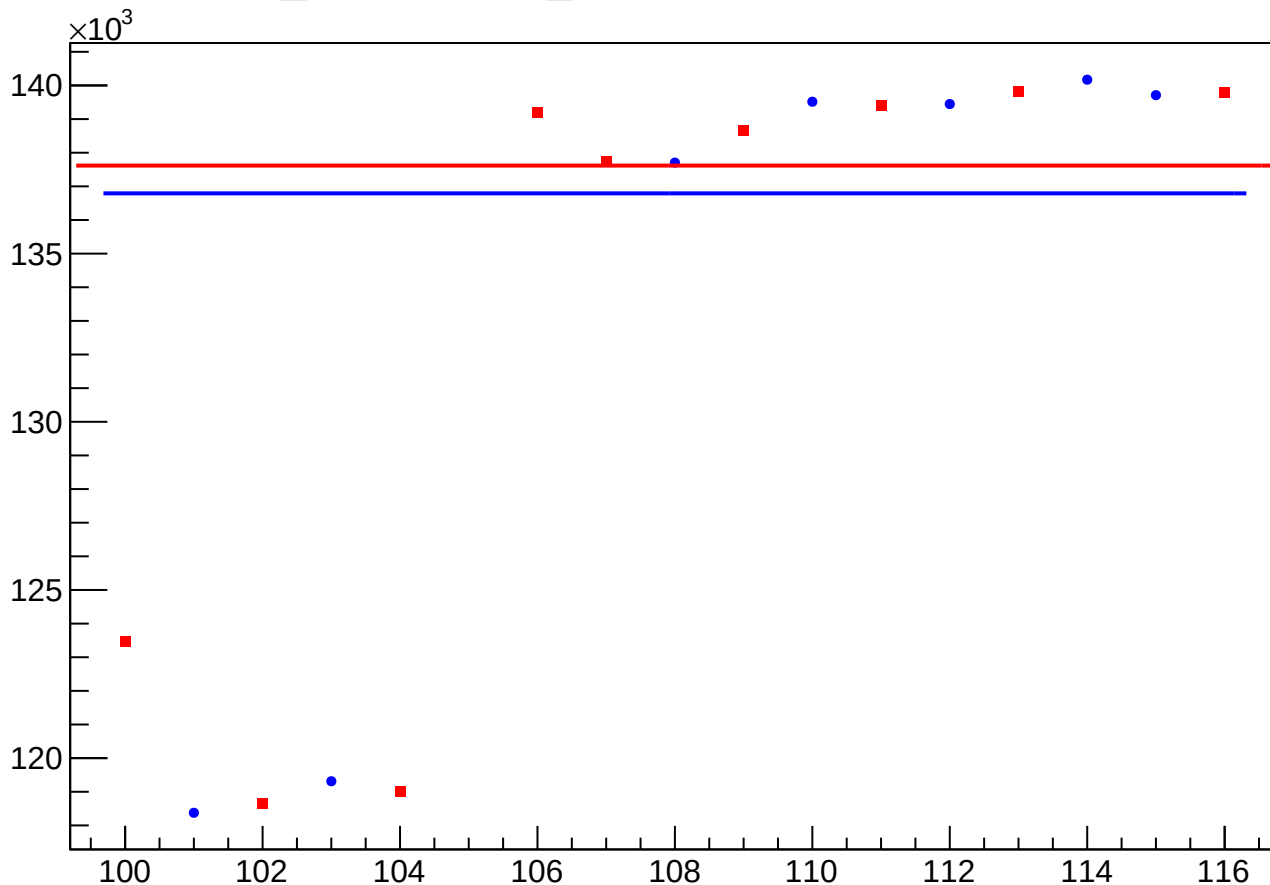
Right: 387.099 $\pm$ 0.116 χ^2 /NDF: 839287.7/15

In: 365.772 $\pm$ 0.165 χ^2 /NDF:260125.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 387.099 $\pm$ 0.116 χ^2 /NDF: 839287.7/15

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136791.418+/-0.103 χ^2 /NDF: 4189266706.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 137269.106+/-0.067 χ^2 /NDF: 8309365681.6/8

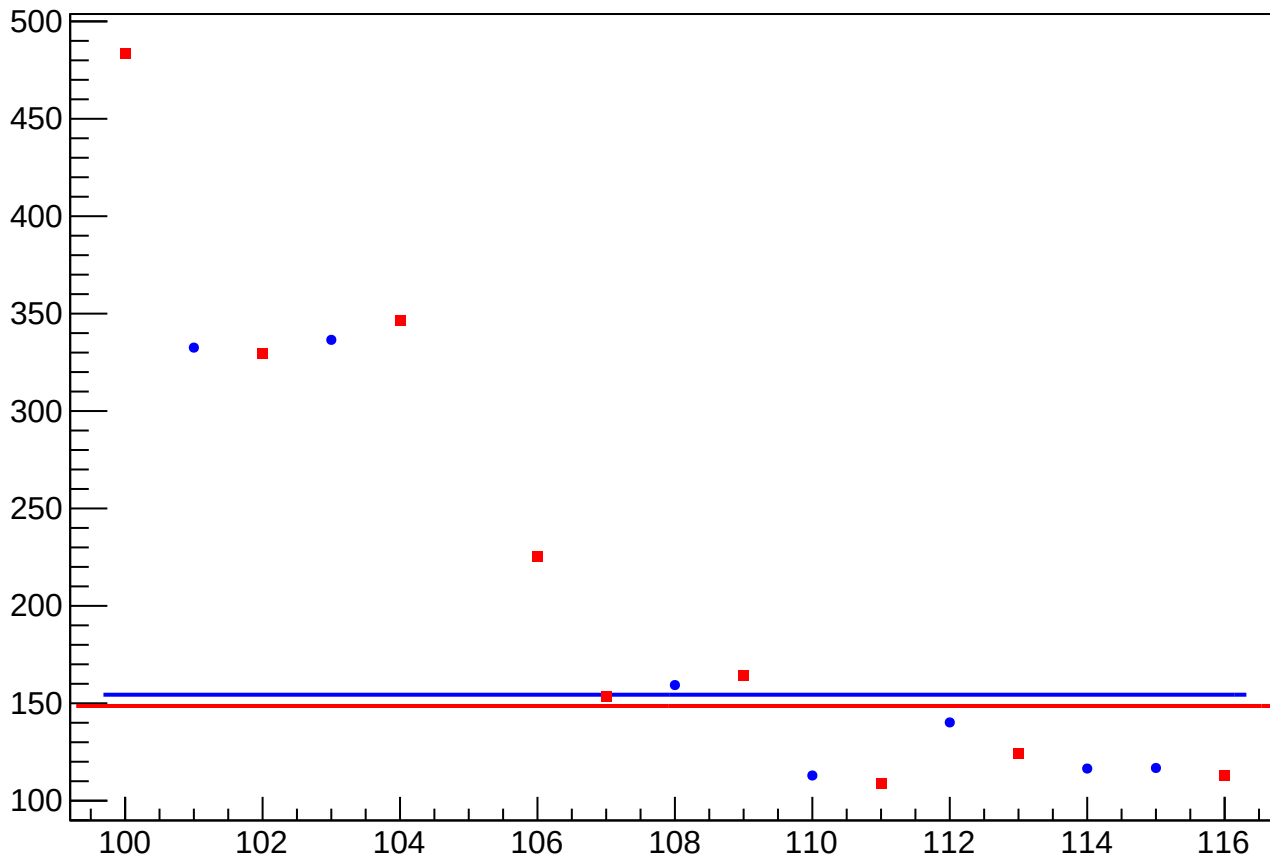
Right Out: 137617.424+/-0.088 χ^2 /NDF: 4083132346.7/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137269.106+/-0.067 χ^2 /NDF: 8309365681.6/8

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 154.403+/-0.073 χ^2/NDF : 883624.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.616+/-0.062 χ^2/NDF : 1070916.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

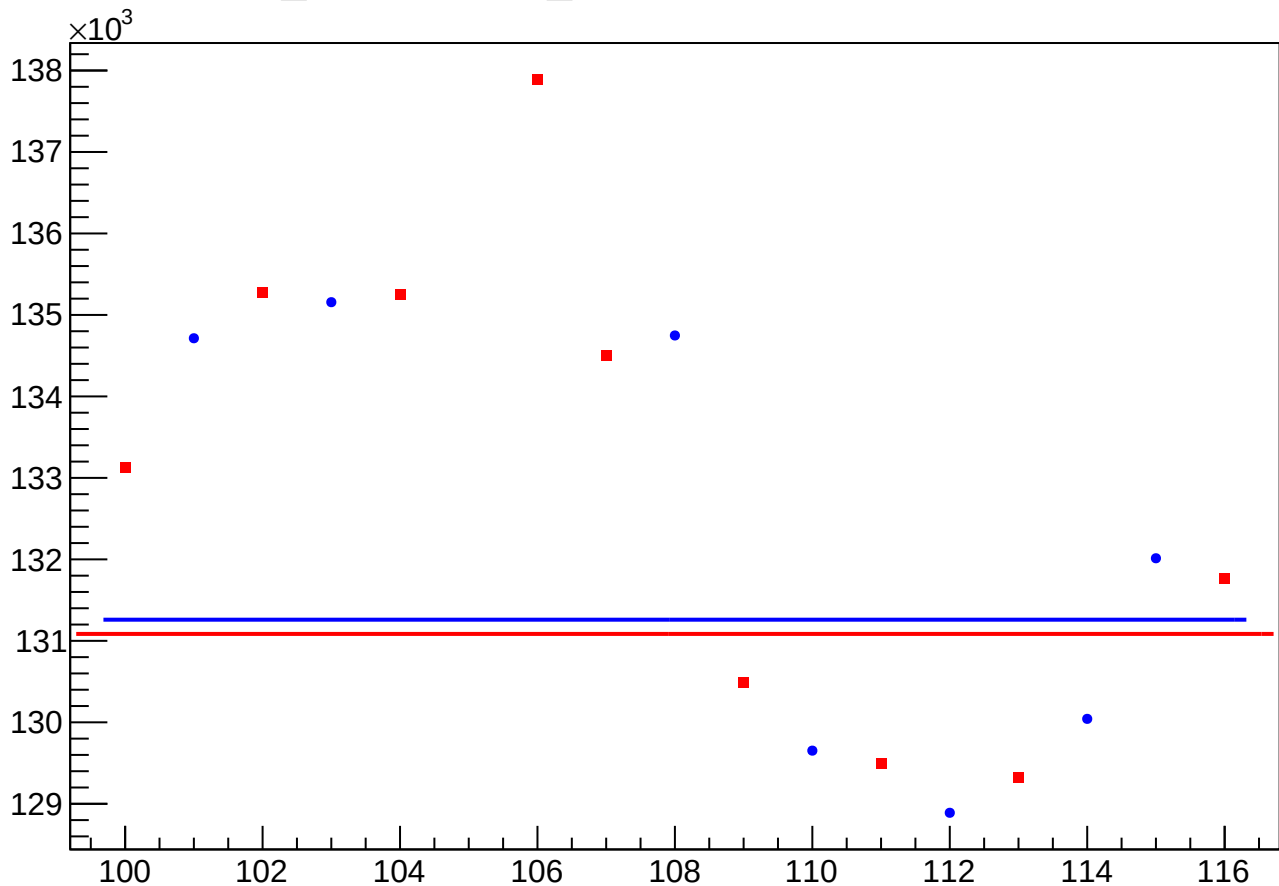
Right: 151.056+/-0.047 χ^2/NDF : 1958169.7/15

In: 154.403+/-0.073 χ^2/NDF : 883624.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.056+/-0.047 χ^2/NDF : 1958169.7/15

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 131259.638+/-0.115 χ^2 /NDF: 459462036.4/6

Right: 131152.920+/-0.072 χ^2 /NDF: 1082375183.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131084.983+/-0.092 χ^2 /NDF: 621510111.2/8

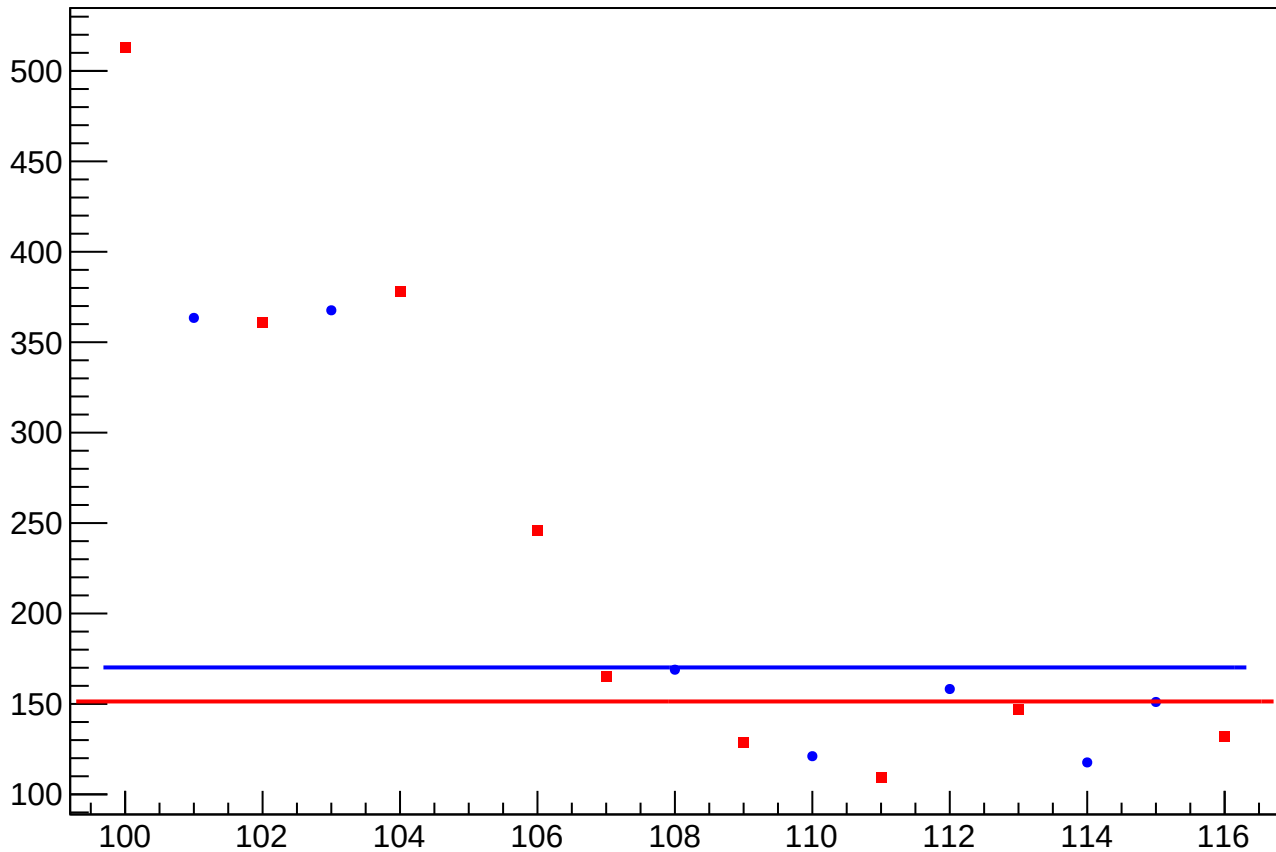
In: 131259.638+/-0.115 χ^2 /NDF: 459462036.4/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 131152.920+/-0.072 χ^2 /NDF: 1082375183.2/6

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 170.178+/-0.082 χ^2/NDF : 881146.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.361+/-0.065 χ^2/NDF : 1131472.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

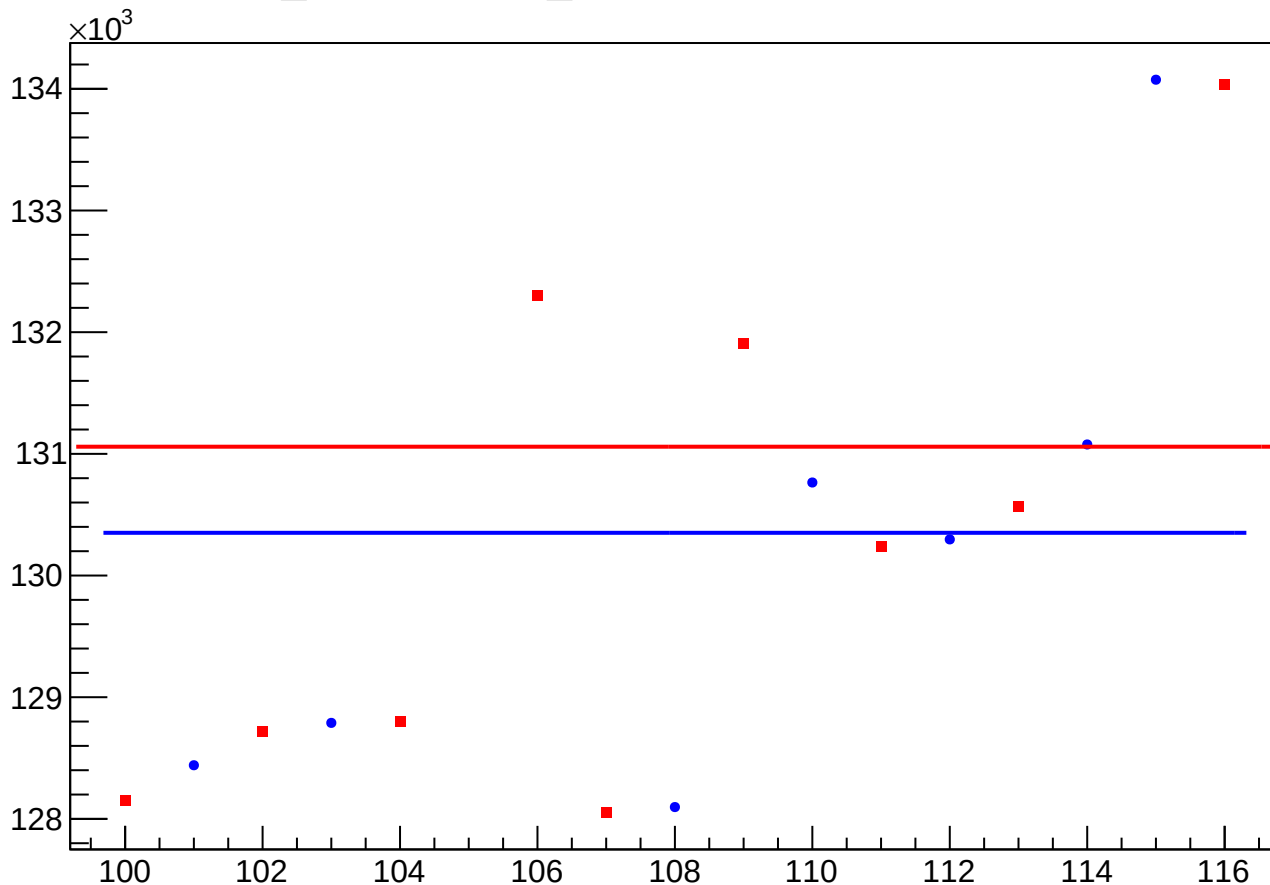
Right: 158.680+/-0.051 χ^2/NDF : 2045190.9/15

In: 170.178+/-0.082 χ^2/NDF : 881146.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.680+/-0.051 χ^2/NDF : 2045190.9/15

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130351.225+/-0.099 χ^2 /NDF: 280985371.4/6

Right: 130774.419+/-0.063 χ^2 /NDF: 734636423.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131058.837+/-0.081 χ^2 /NDF: 423189565.7/8

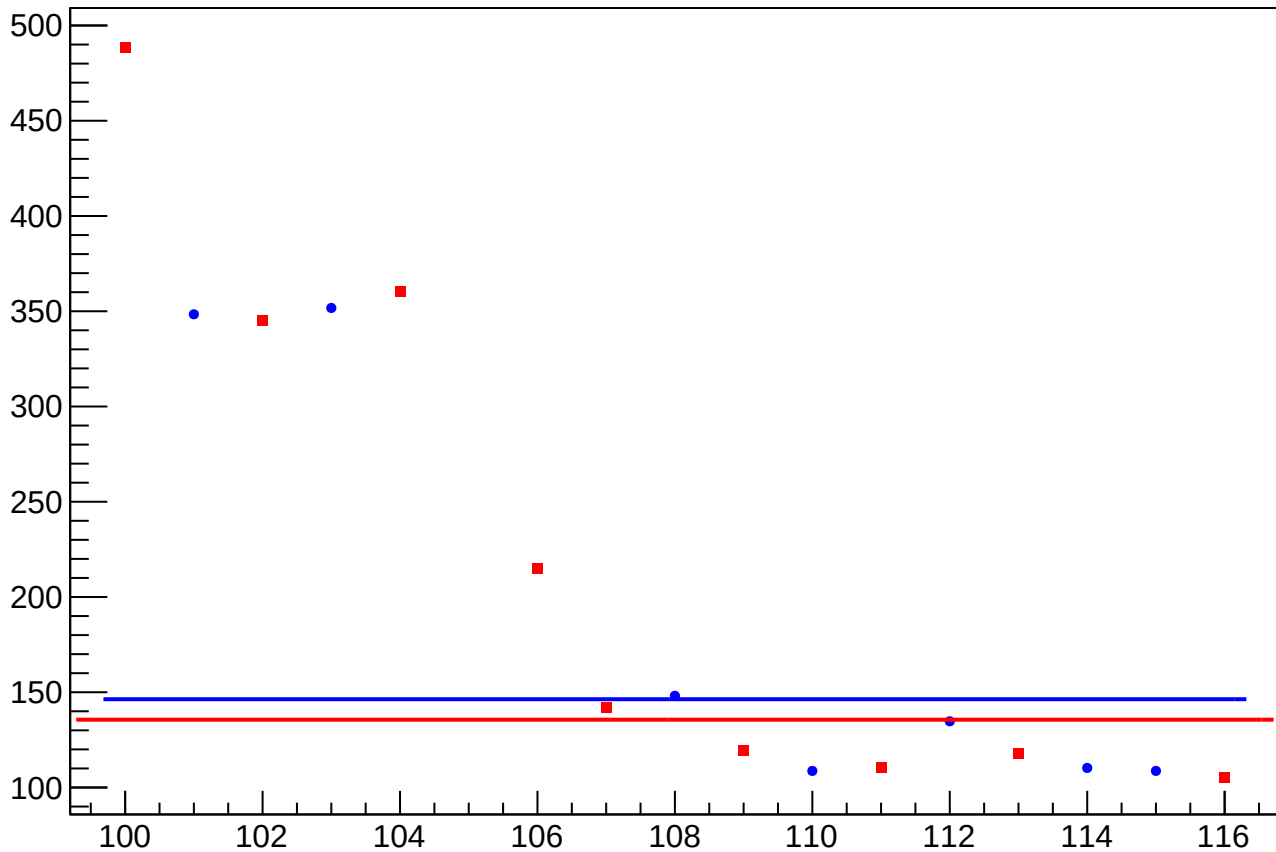
In: 130351.225+/-0.099 χ^2 /NDF: 280985371.4/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130774.419+/-0.063 χ^2 /NDF: 734636423.1/1

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 146.342+/-0.070 χ^2/NDF : 997987.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.596+/-0.057 χ^2/NDF : 1155608.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

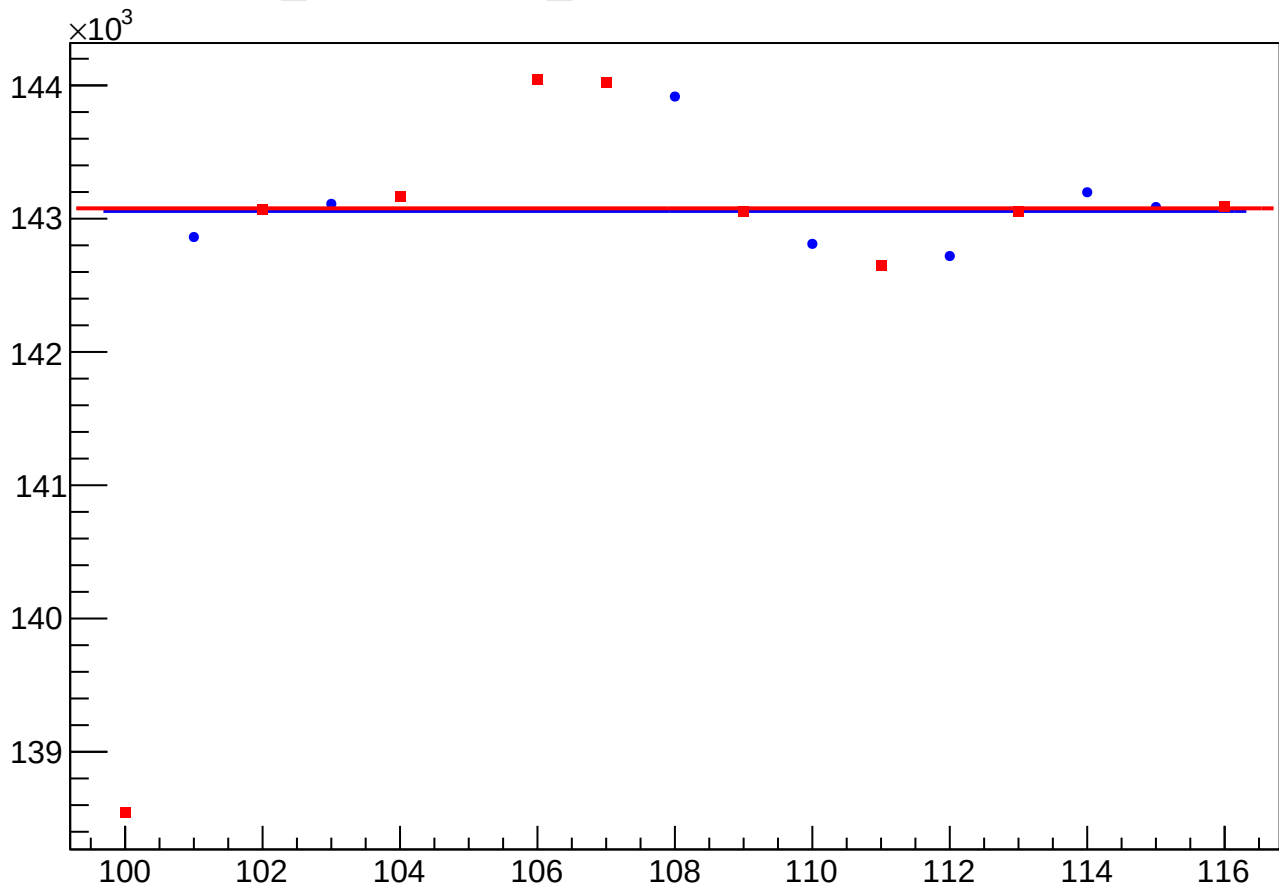
Right: 139.915+/-0.044 χ^2/NDF : 2167645.9/15

In: 146.342+/-0.070 χ^2/NDF : 997987.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.915+/-0.044 χ^2/NDF : 2167645.9/15

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143058.345+/-0.107 χ^2 /NDF: 15239942.8/6

Right: 143069.968+/-0.067 χ^2 /NDF: 40008673.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 143058.345+/-0.107 χ^2 /NDF: 15239942.8/6

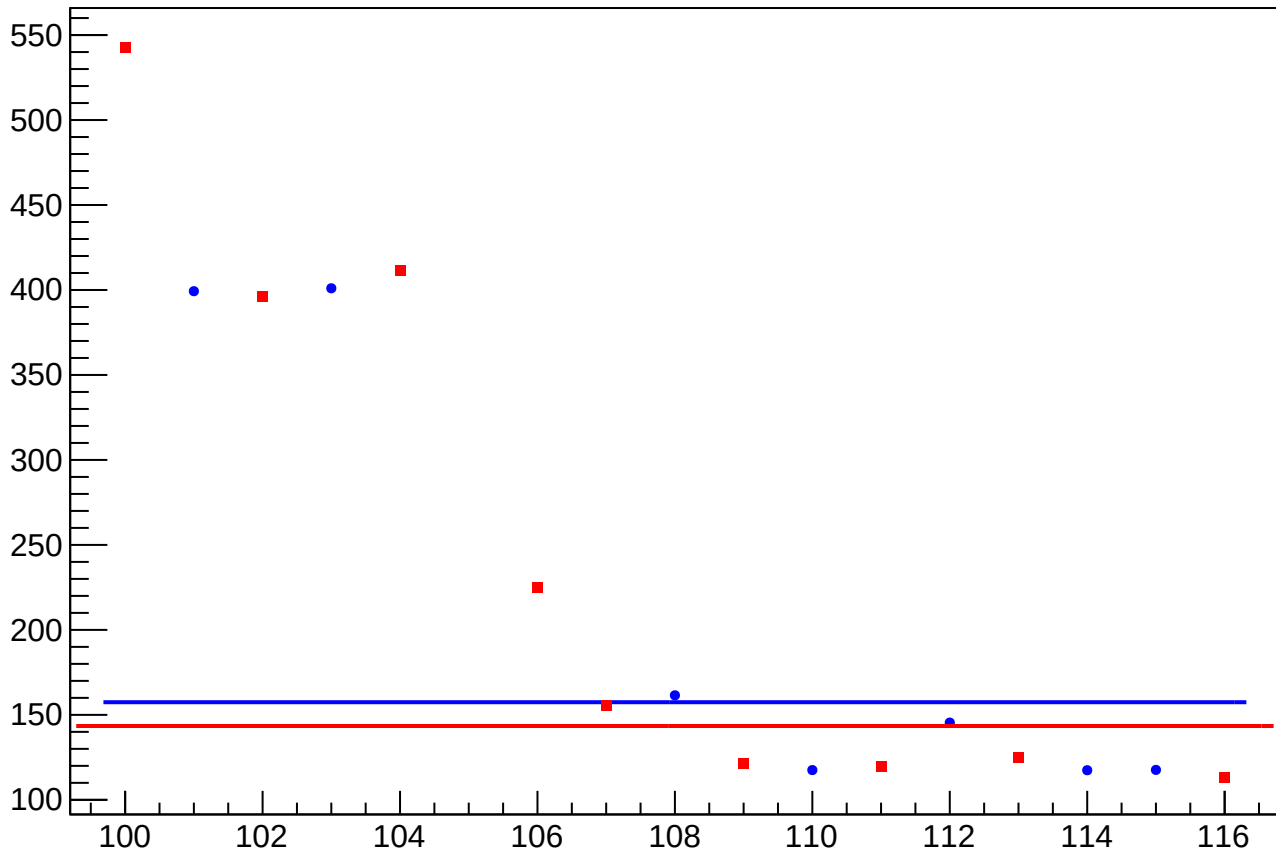
Right Out: 143077.510+/-0.086 χ^2 /NDF: 24749395.1/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143069.968+/-0.067 χ^2 /NDF: 40008673.4/15

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 157.442 $\pm$ 0.076 χ^2 /NDF: 1070890.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.446 $\pm$ 0.061 χ^2 /NDF: 1244181.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

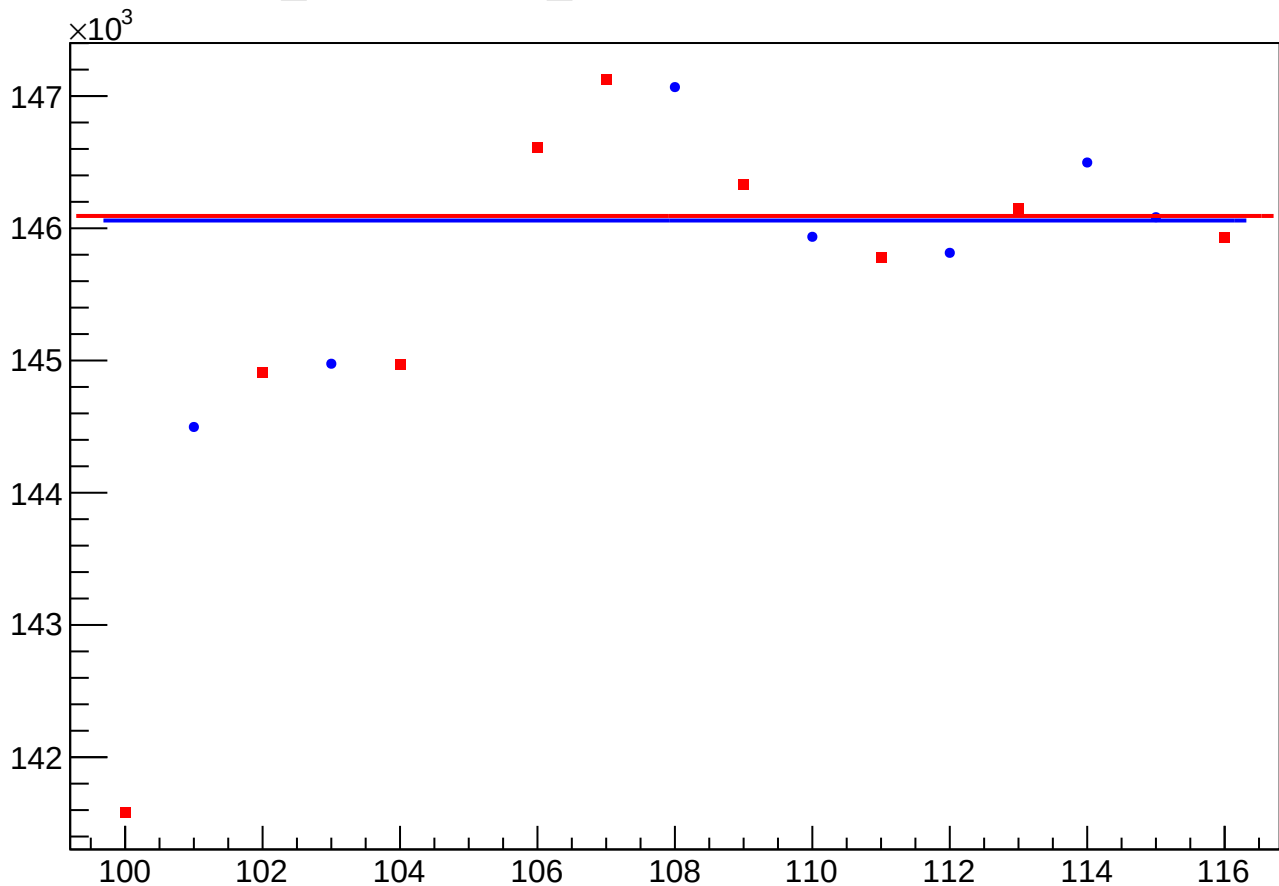
Right: 148.954 $\pm$ 0.048 χ^2 /NDF: 2335696.4/15

In: 157.442 $\pm$ 0.076 χ^2 /NDF:1070890.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

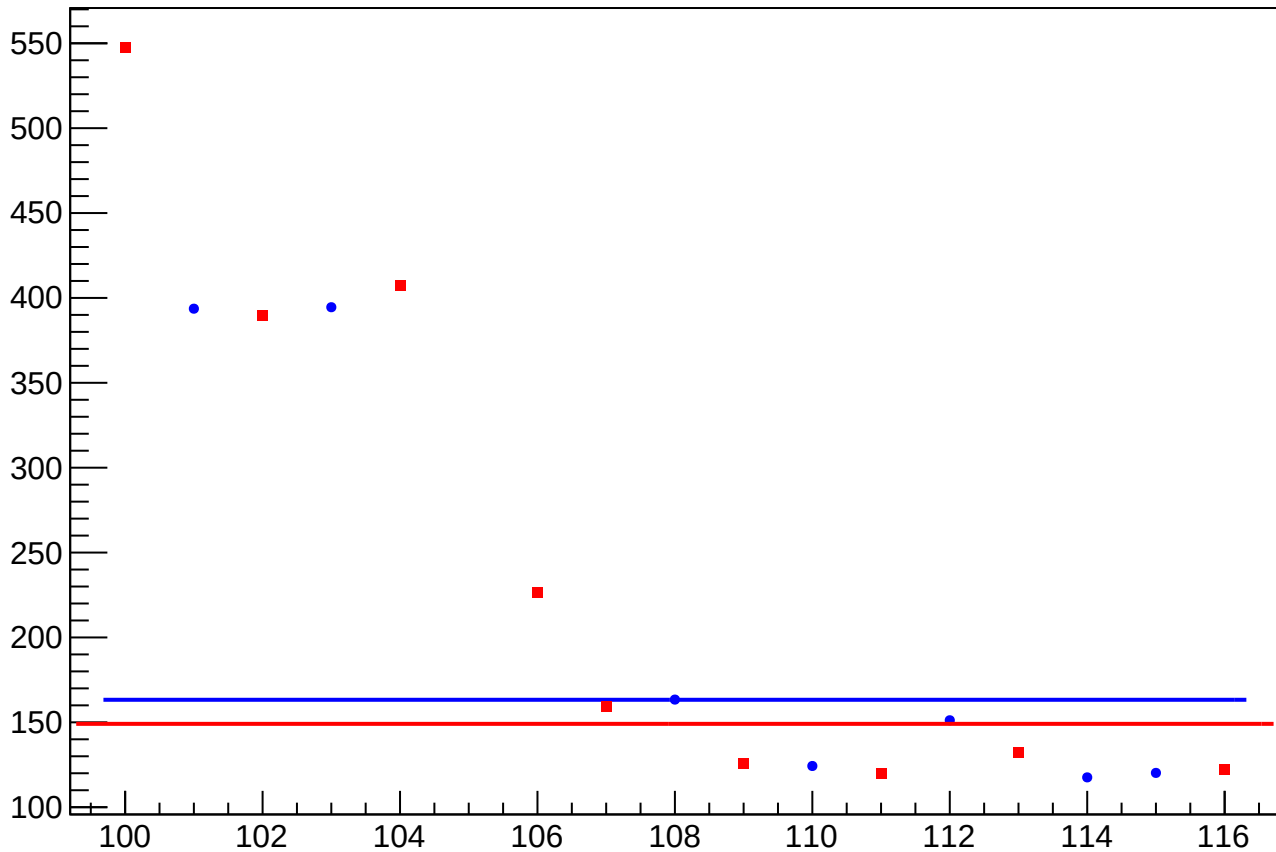
All: 148.954 $\pm$ 0.048 χ^2 /NDF: 2335696.4/15

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 146079.659+/-0.069 χ^2 /NDF: 64398570.0/15
 Right In: 146058.833+/-0.111 χ^2 /NDF: 32694227.3/6
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 146058.833+/-0.111 χ^2 /NDF: 32694227.3/6
 Right Out: 146093.228+/-0.089 χ^2 /NDF: 31645762.7/8
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 146079.659+/-0.069 χ^2 /NDF: 64398570.0/15

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 163.281+/-0.078 χ^2/NDF : 1006265.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.100+/-0.063 χ^2/NDF : 1180947.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

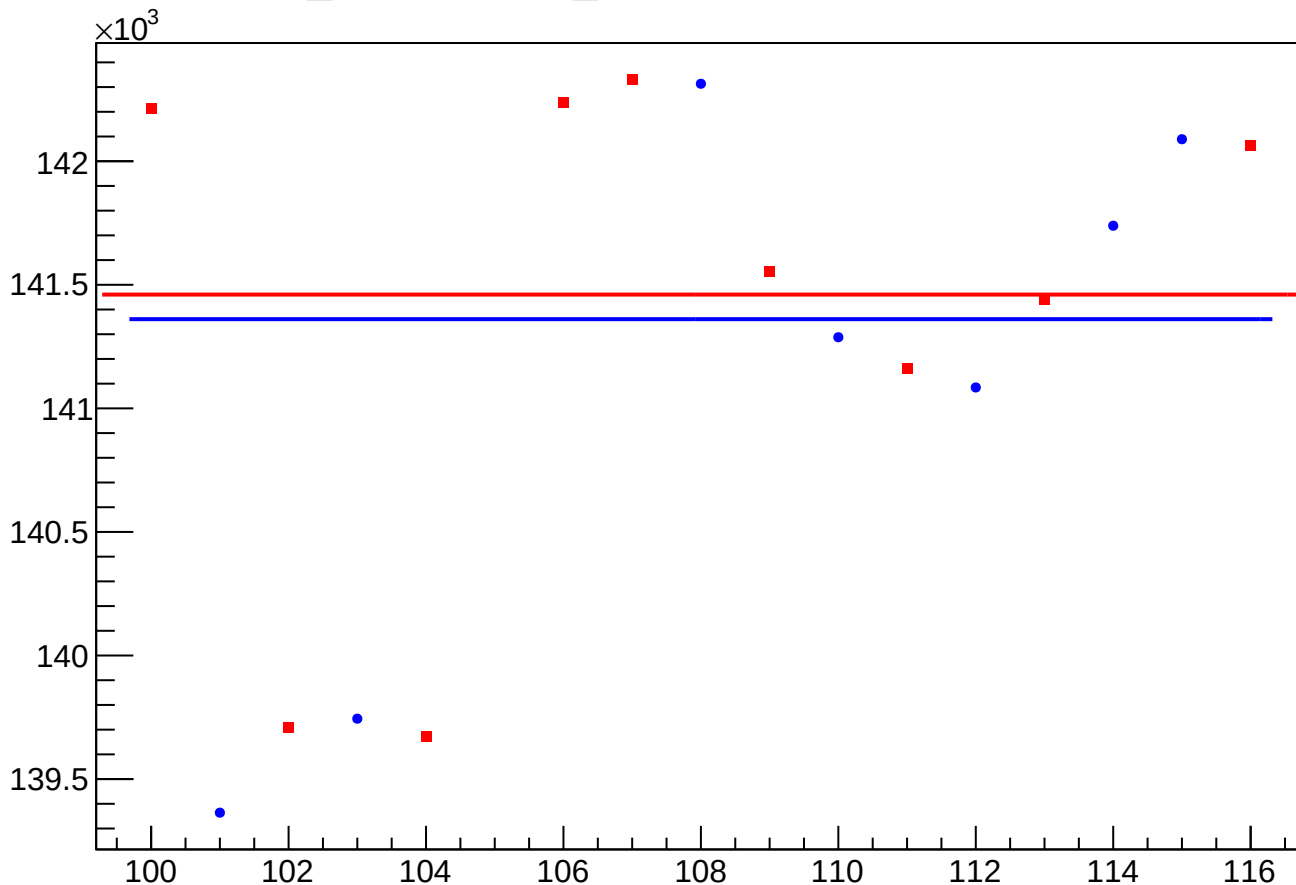
Right: 154.694+/-0.049 χ^2/NDF : 2207128.6/15

In: 163.281+/-0.078 χ^2/NDF : 1006265.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

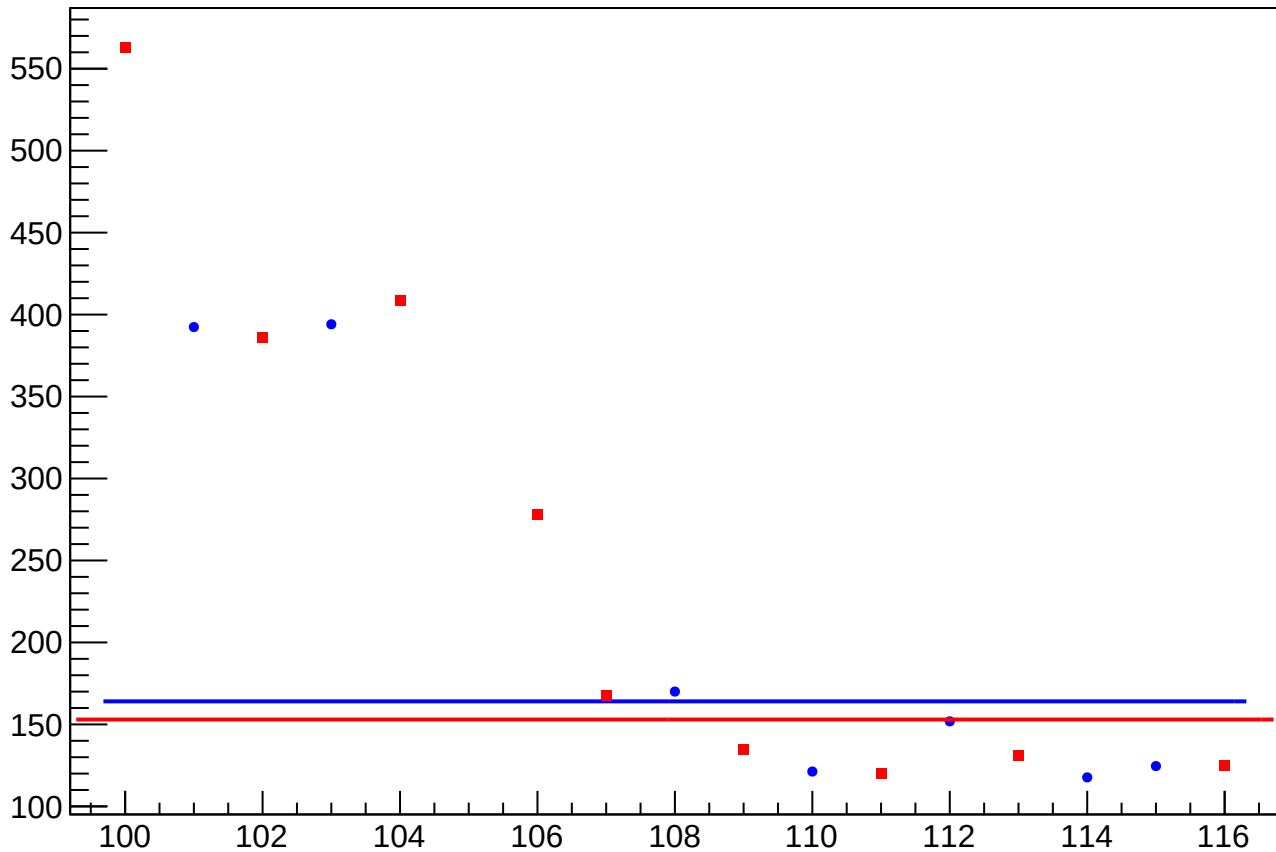
All: 154.694+/-0.049 χ^2/NDF : 2207128.6/15

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141360.914 $\pm$ 0.111 χ^2 /NDF: 46459131.3/6
 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: 141420.067 $\pm$ 0.071 χ^2 /NDF: 87604491.5/15
 Right Out: 141460.430 $\pm$ 0.092 χ^2 /NDF: 40669860.5/8
 In: 141360.914 $\pm$ 0.111 χ^2 /NDF: 46459131.3/6
 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: 141420.067 $\pm$ 0.071 χ^2 /NDF: 87604491.5/15

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.056+/-0.079 χ^2/NDF : 1009631.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.972+/-0.065 χ^2/NDF : 1207748.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

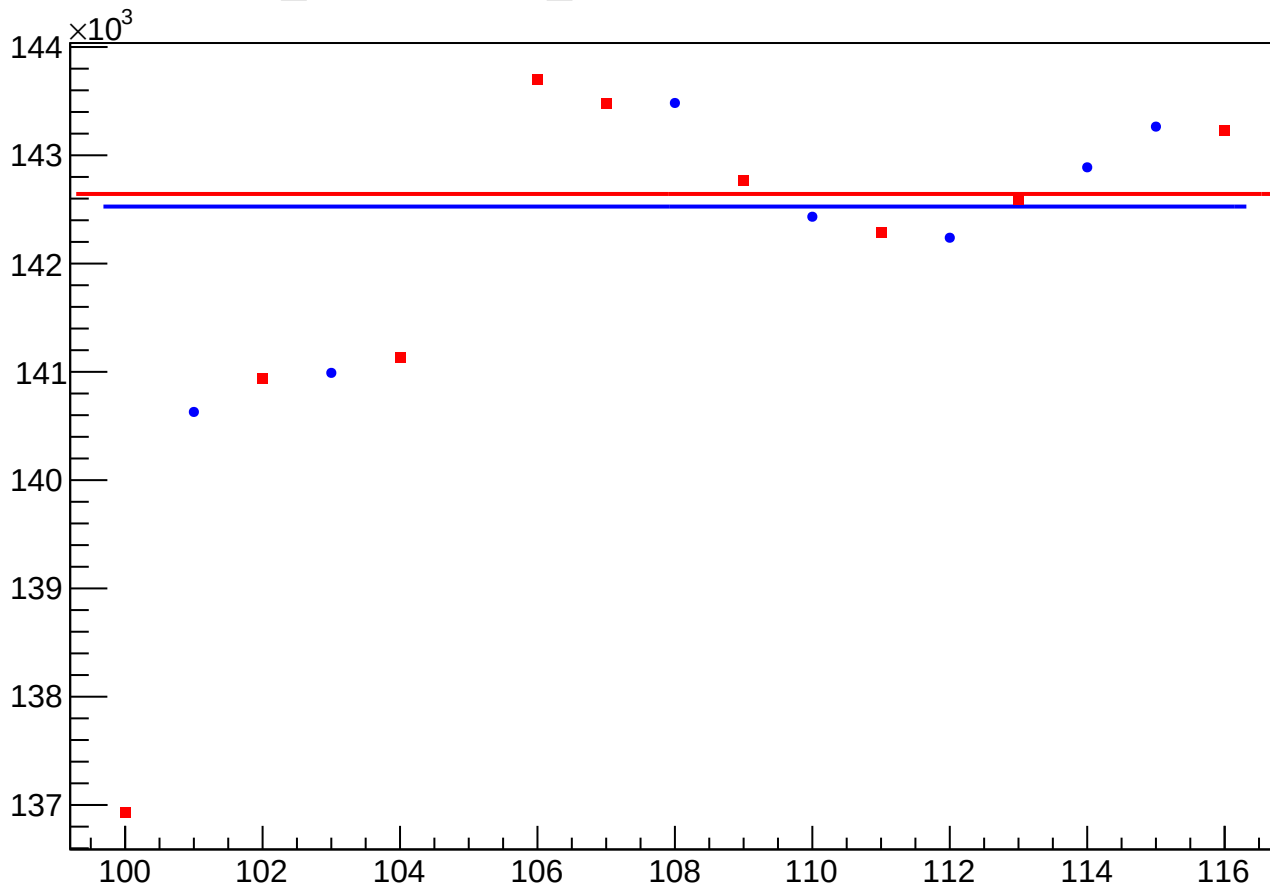
Right: 157.467+/-0.050 χ^2/NDF : 2229177.4/15

In: 164.056+/-0.079 χ^2/NDF : 1009631.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.467+/-0.050 χ^2/NDF : 2229177.4/15

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142526.533+/-0.112 χ^2 /NDF: 43982335.4/6

Right: 142596.593+/-0.071 χ^2 /NDF: 93859710.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142642.912+/-0.091 χ^2 /NDF: 49226068.7/8

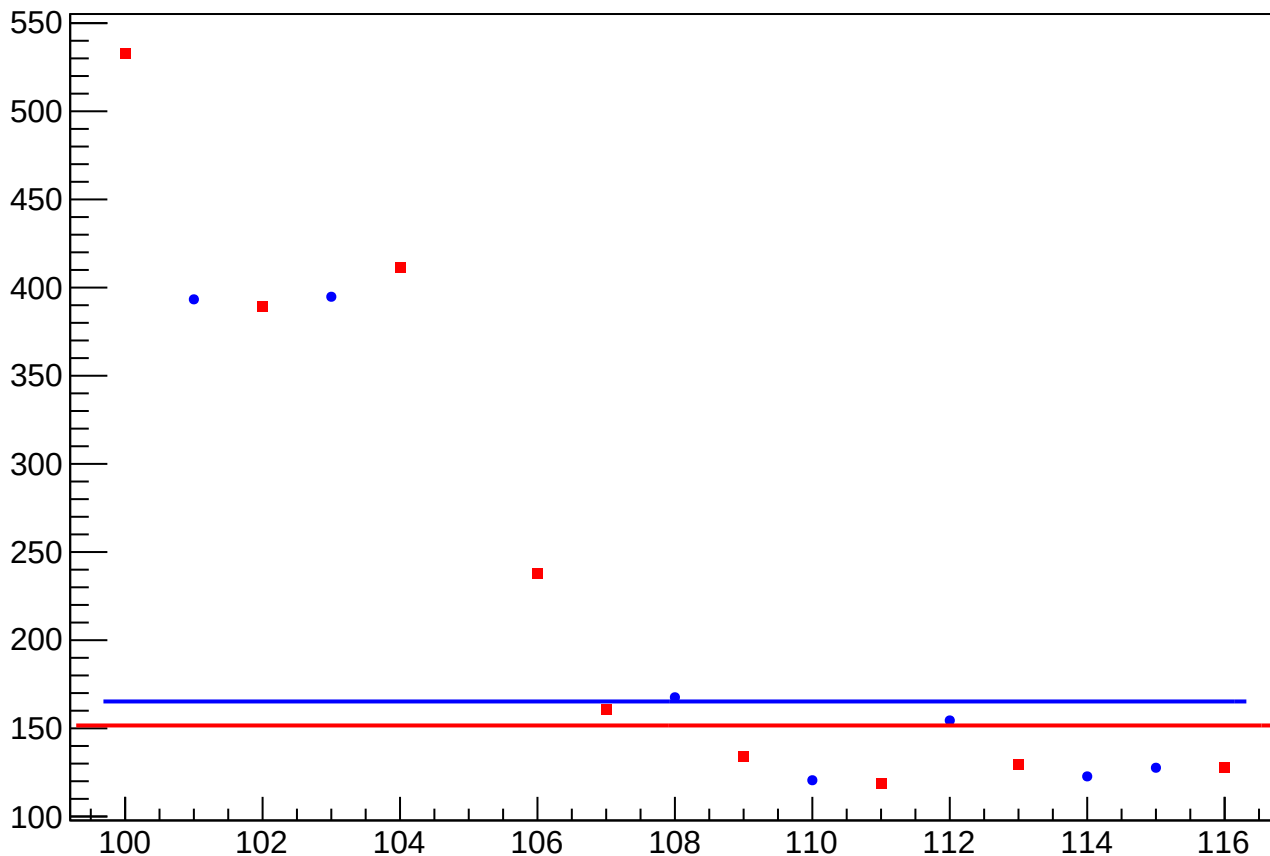
In: 142526.533+/-0.112 χ^2 /NDF: 43982335.4/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142596.593+/-0.071 χ^2 /NDF: 93859710.4/15

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 165.246+/-0.079 χ^2/NDF : 999558.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.628+/-0.064 χ^2/NDF : 1167020.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

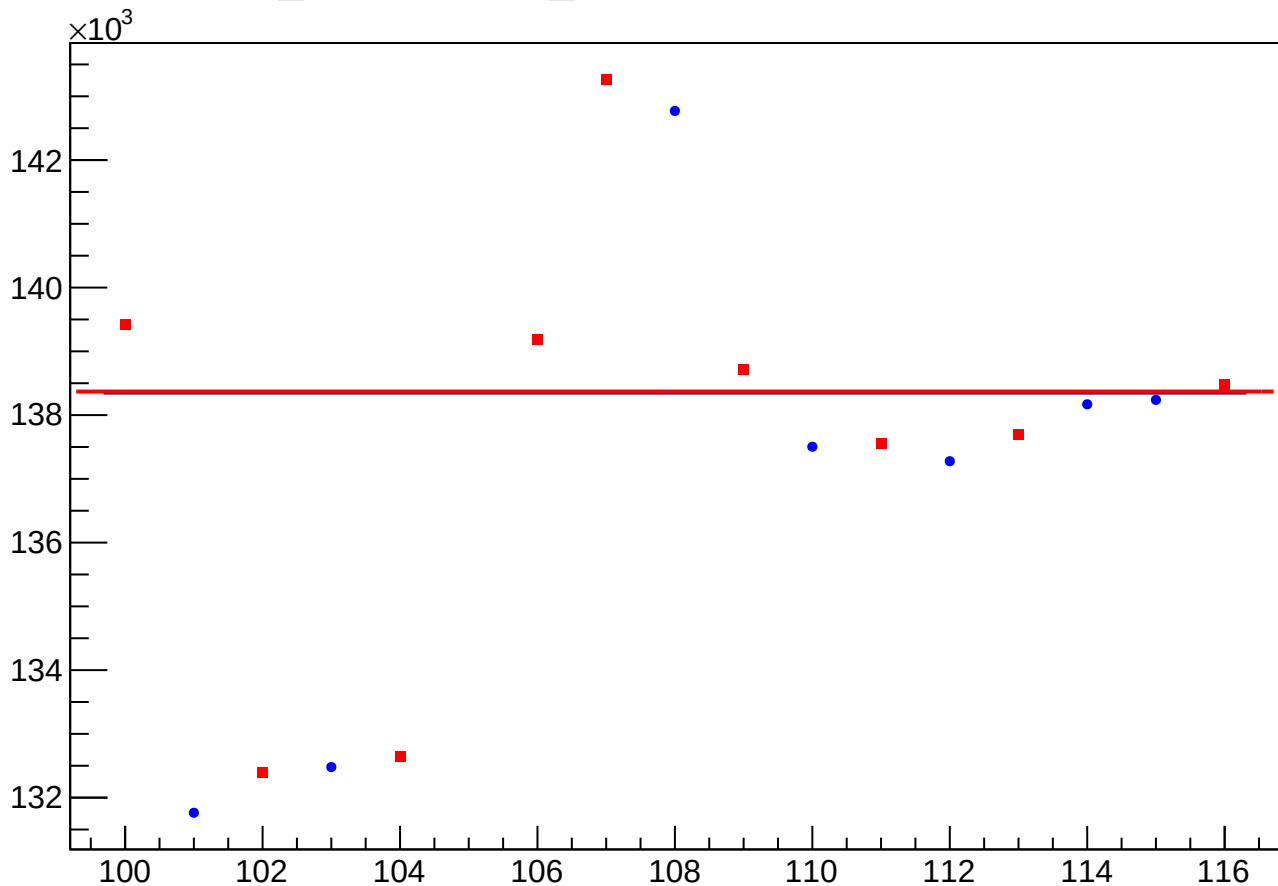
Right: 157.048+/-0.050 χ^2/NDF : 2184414.5/15

In: 165.246+/-0.079 χ^2/NDF : 999558.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

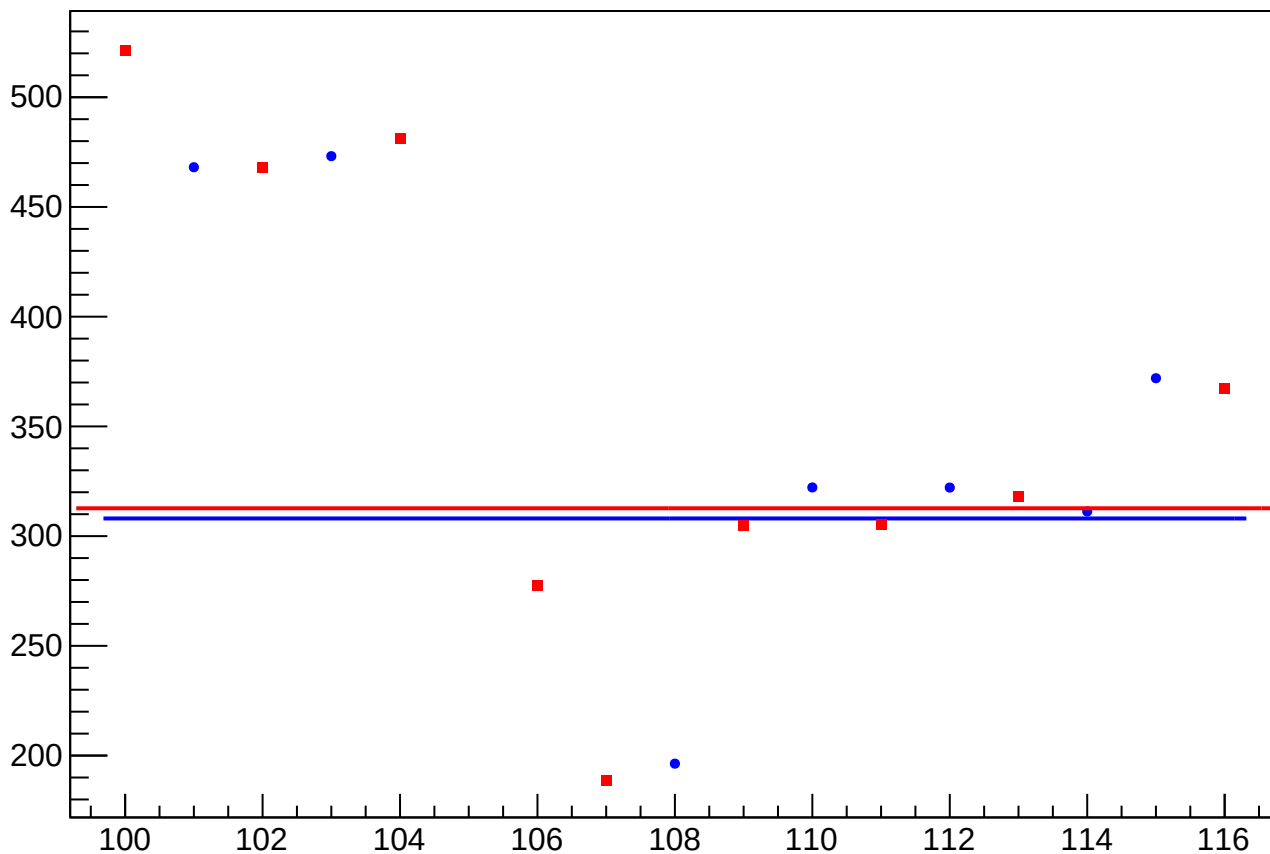
All: 157.048+/-0.050 χ^2/NDF : 2184414.5/15

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 138353.371+/-0.197 χ^2/NDF : 423168586.9/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 138369.431+/-0.176 χ^2/NDF : 338648511.2/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 138362.274+/-0.131 χ^2/NDF : 761820787.9/16

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 308.045+/-0.139 χ^2/NDF : 558075.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.698+/-0.125 χ^2/NDF : 506978.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

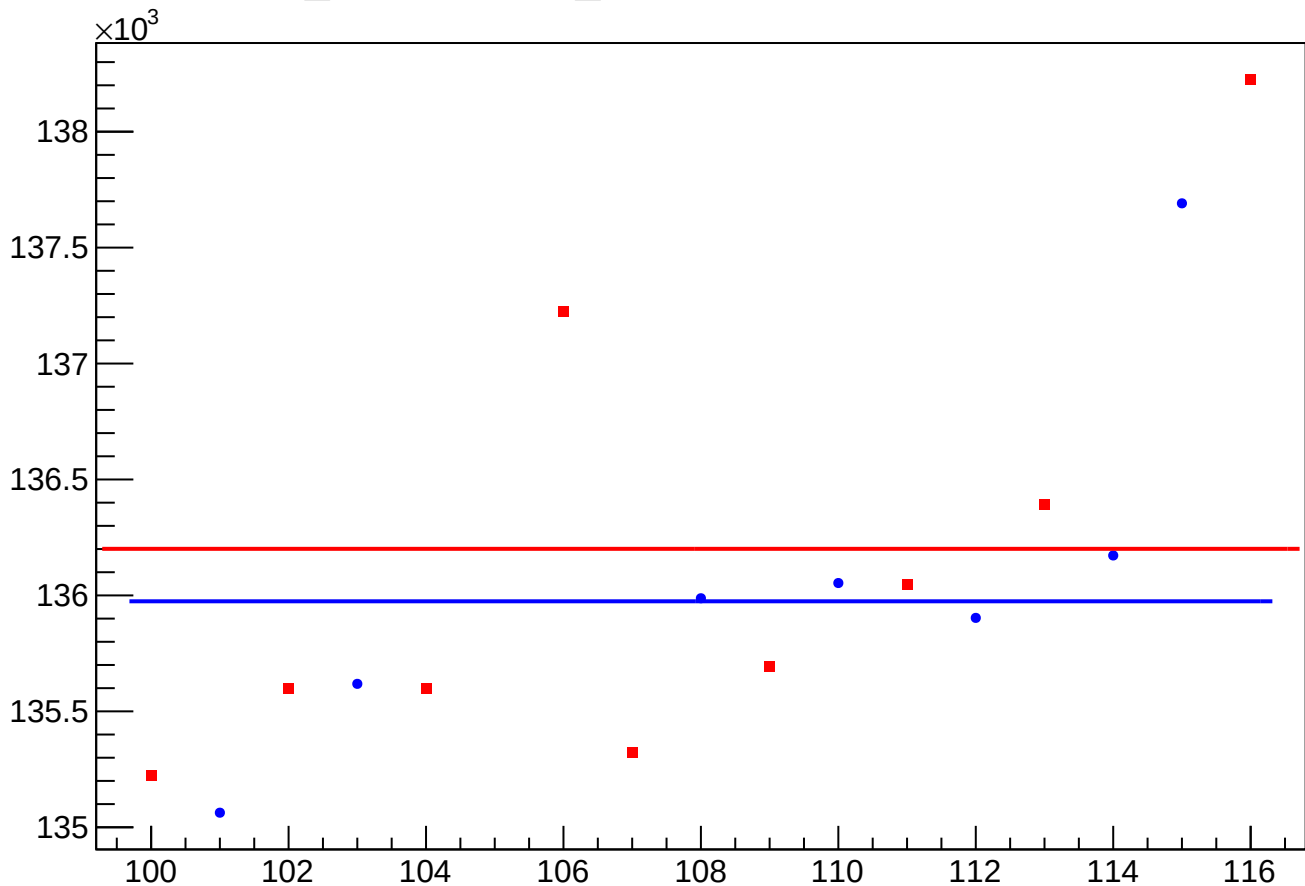
Right: 310.625+/-0.093 χ^2/NDF : 1065673.3/15

In: 308.045+/-0.139 χ^2/NDF : 558075.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

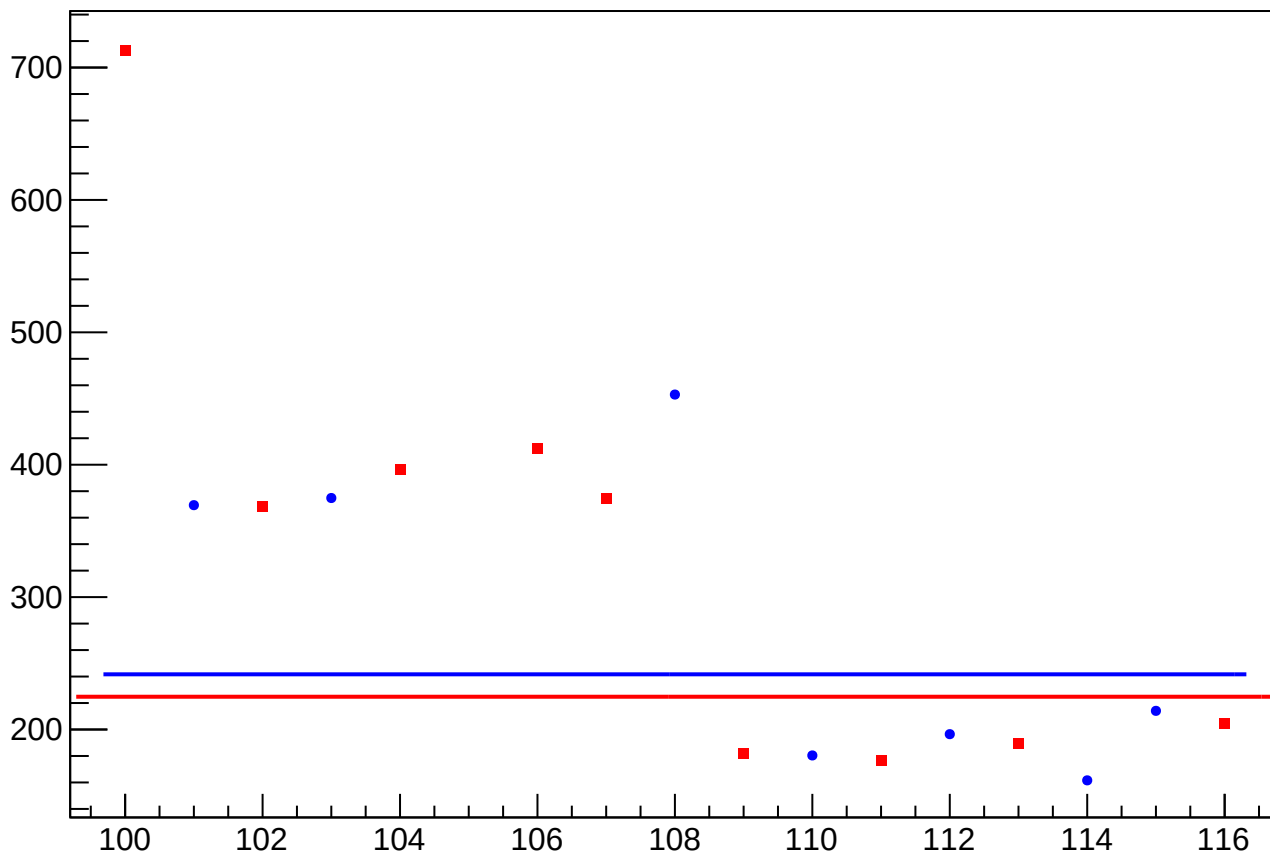
All: 310.625+/-0.093 χ^2/NDF : 1065673.3/15

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135974.620 $\pm$ 0.158 χ^2 /NDF: 13439267.1/6
 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: 136108.133 $\pm$ 0.101 χ^2 /NDF: 49371377.9/15
 In: 135974.620 $\pm$ 0.158 χ^2 /NDF: 13439267.1/6
 Right Out: 136200.897 $\pm$ 0.131 χ^2 /NDF: 34716450.9/8
 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: 136108.133 $\pm$ 0.101 χ^2 /NDF: 49371377.9/15

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 241.681+/-0.111 χ^2/NDF : 665580.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.752+/-0.093 χ^2/NDF : 791145.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

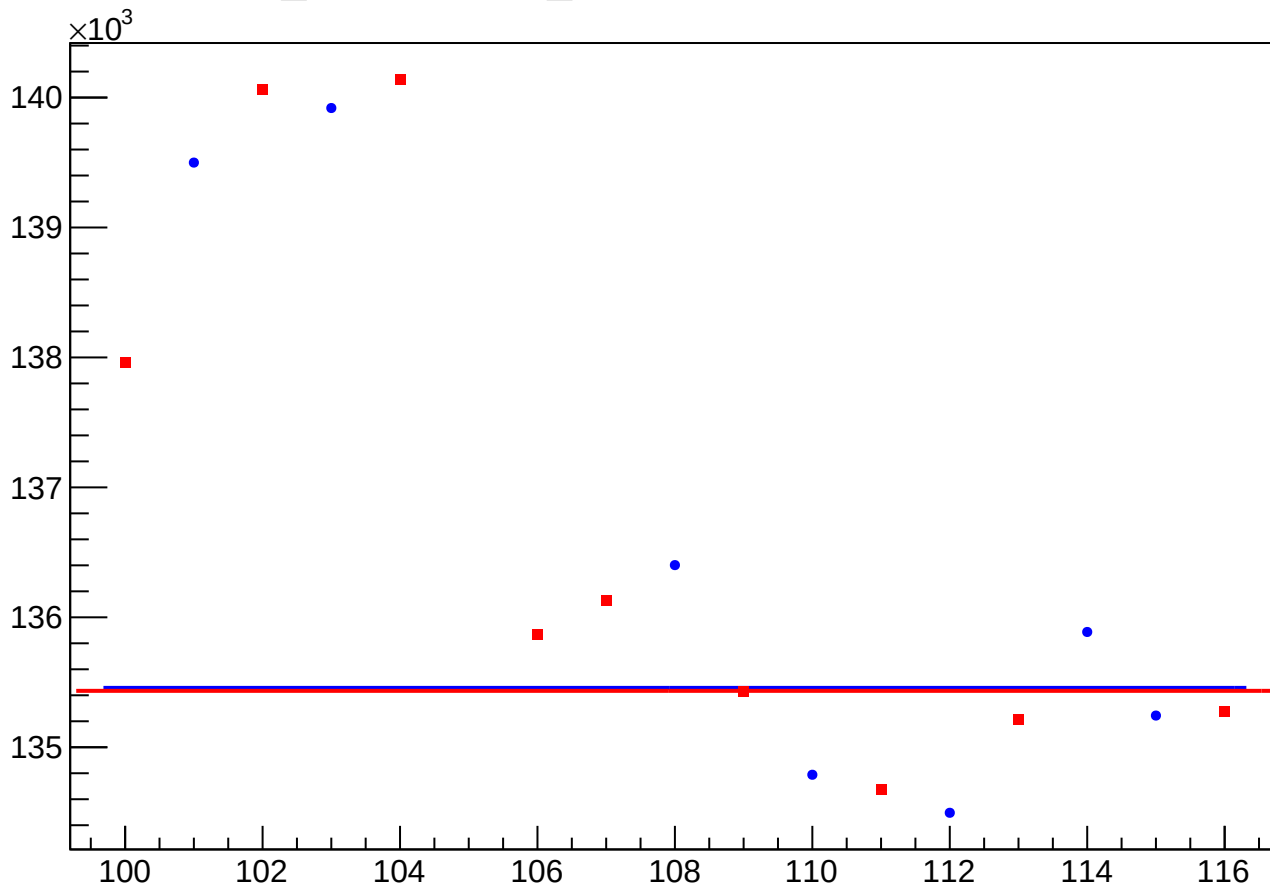
Right: 231.692+/-0.071 χ^2/NDF : 1470334.5/15

In: 241.681+/-0.111 χ^2/NDF : 665580.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.692+/-0.071 χ^2/NDF : 1470334.5/15

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135456.910+/-0.087 χ^2 /NDF: 239711007.9/6

Right: 135443.499+/-0.056 χ^2 /NDF: 447380241.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135434.147+/-0.072 χ^2 /NDF: 207628518.2/8

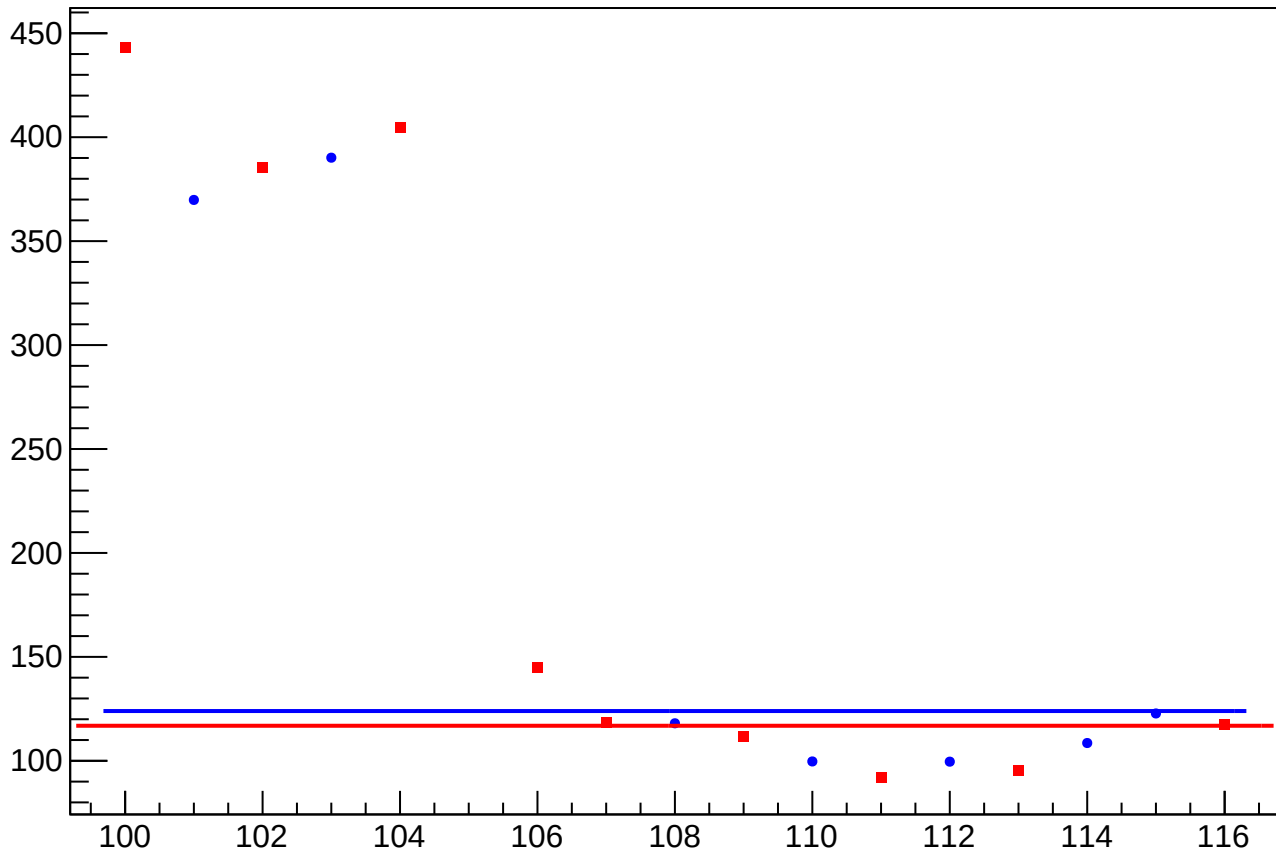
In: 135456.910+/-0.087 χ^2 /NDF: 239711007.9/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135443.499+/-0.056 χ^2 /NDF: 447380241.5/1

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 123.949+/-0.061 χ^2/NDF : 1240529.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.866+/-0.051 χ^2/NDF : 1356554.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

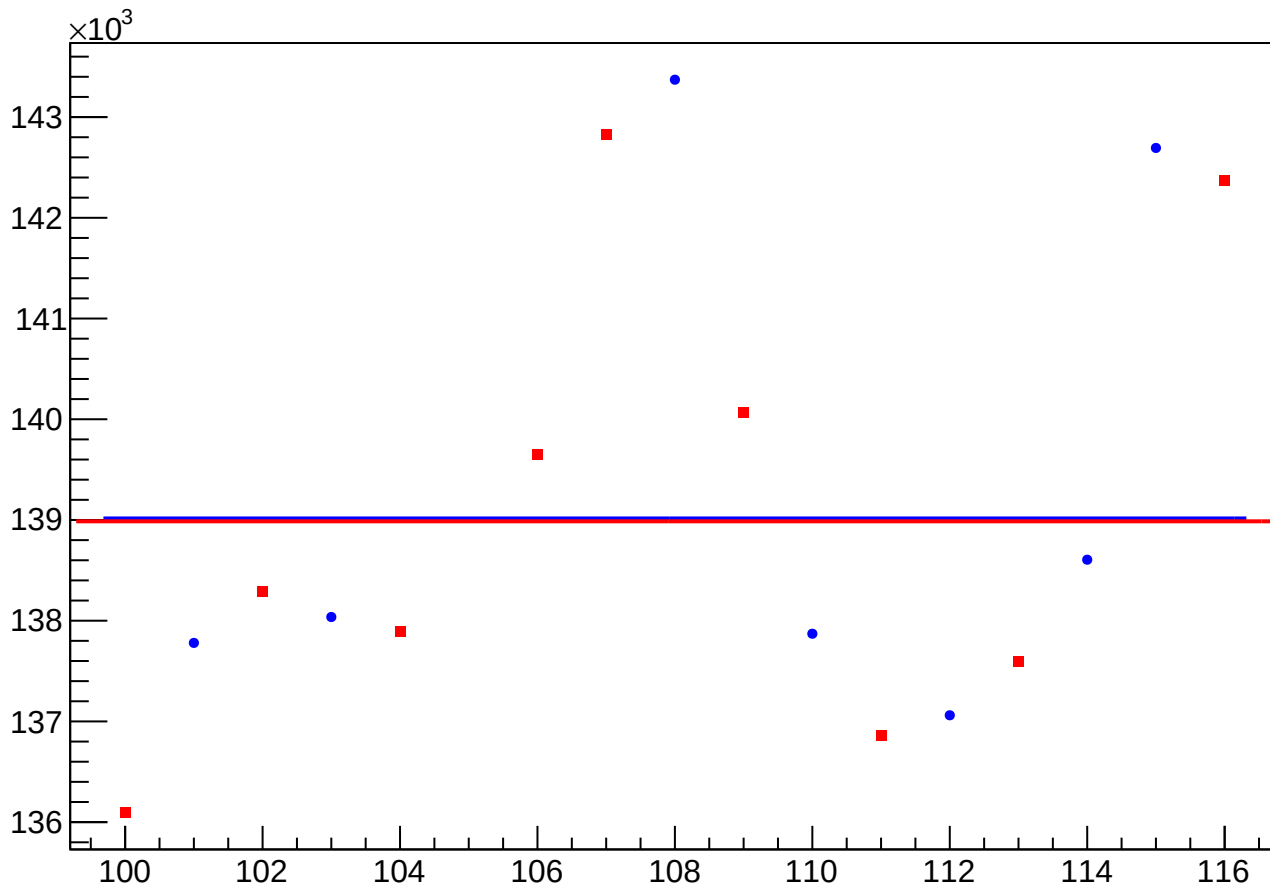
Right: 119.776+/-0.039 χ^2/NDF : 2604969.0/15

In: 123.949+/-0.061 χ^2/NDF : 1240529.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.776+/-0.039 χ^2/NDF : 2604969.0/15

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139015.054+/-0.106 χ^2 /NDF: 512983671.7/6

Right: 138998.006+/-0.067 χ^2 /NDF: 1090921553.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 138986.744+/-0.086 χ^2 /NDF: 577895012.6/8

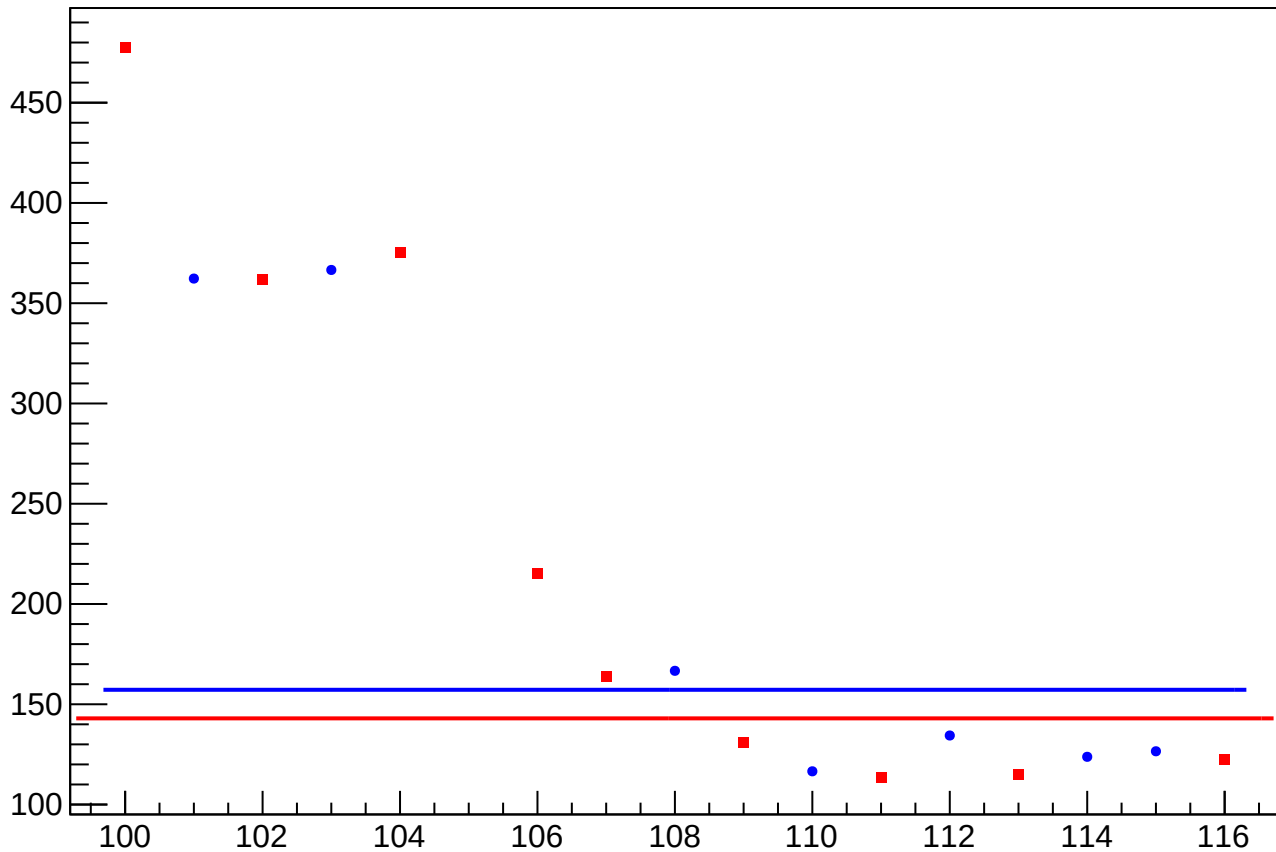
In: 139015.054+/-0.106 χ^2 /NDF: 512983671.7/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 138998.006+/-0.067 χ^2 /NDF: 1090921553.0/6

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 157.219+/-0.075 χ^2/NDF : 958518.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.966+/-0.061 χ^2/NDF : 1135020.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

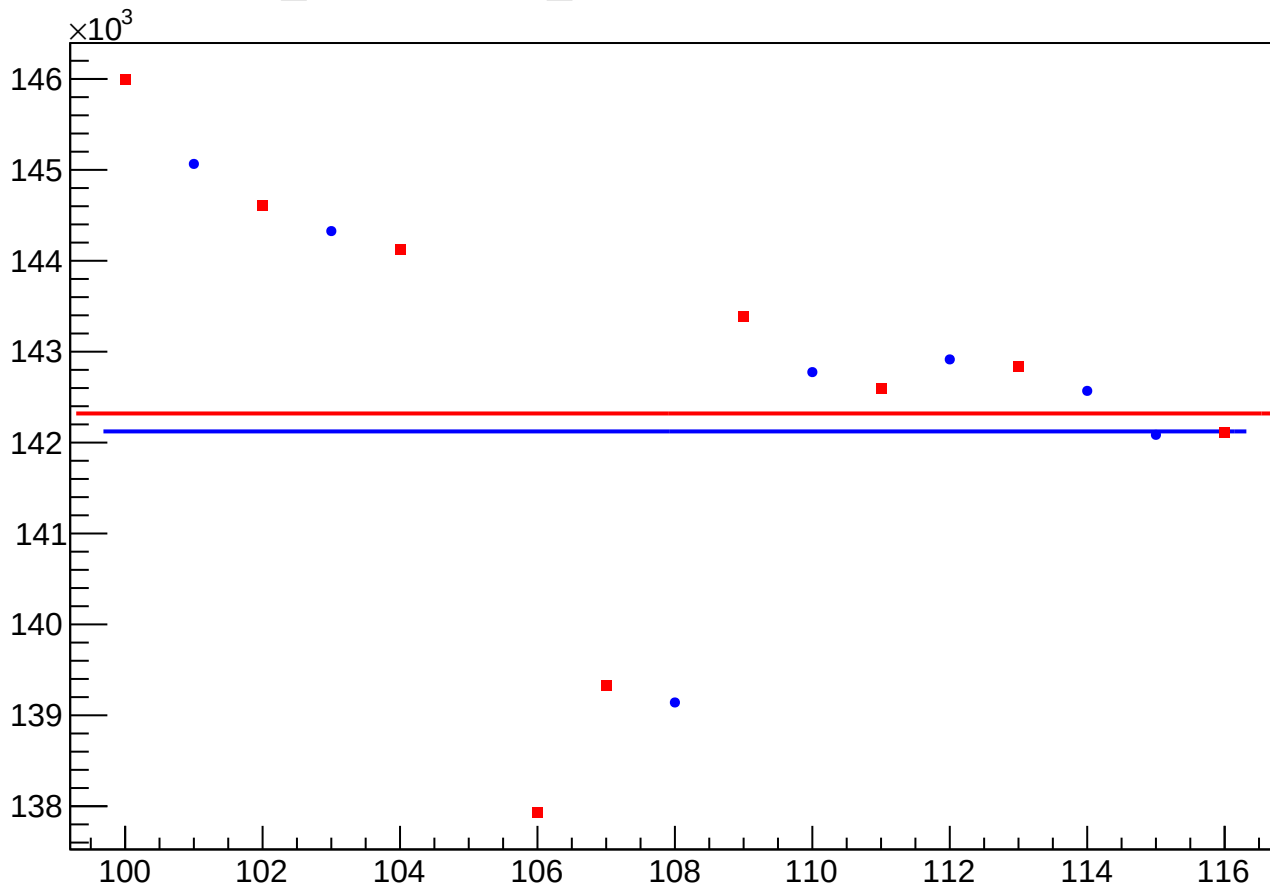
Right: 148.636+/-0.047 χ^2/NDF : 2115271.0/15

In: 157.219+/-0.075 χ^2/NDF : 958518.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.636+/-0.047 χ^2/NDF : 2115271.0/15

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142122.916+/-0.114 χ^2 /NDF: 245865443.2/6

Right: 142243.130+/-0.071 χ^2 /NDF: 557963158.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

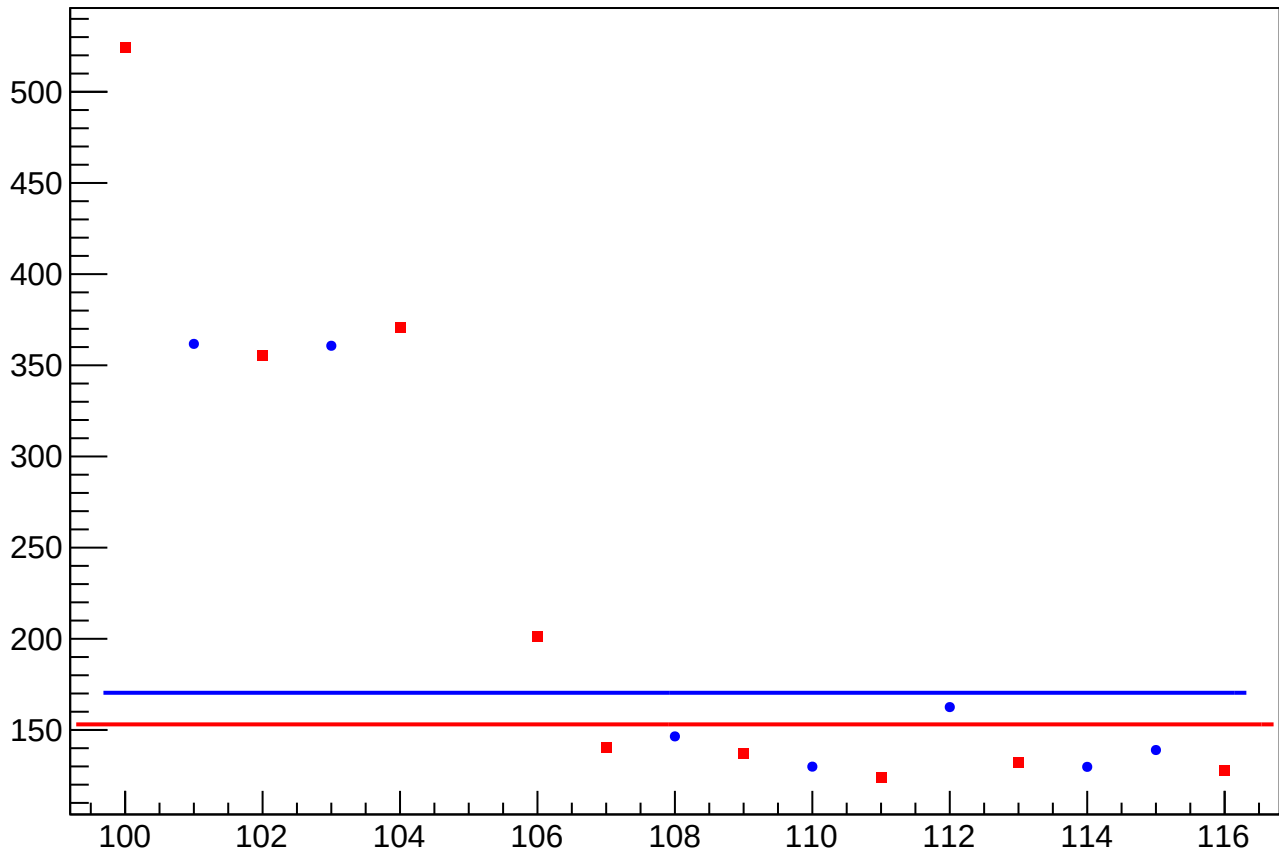
Right Out: 142320.319+/-0.091 χ^2 /NDF: 310265212.8/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142243.130+/-0.071 χ^2 /NDF: 557963158

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 170.397+/-0.080 χ^2/NDF : 826394.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.064+/-0.064 χ^2/NDF : 982500.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

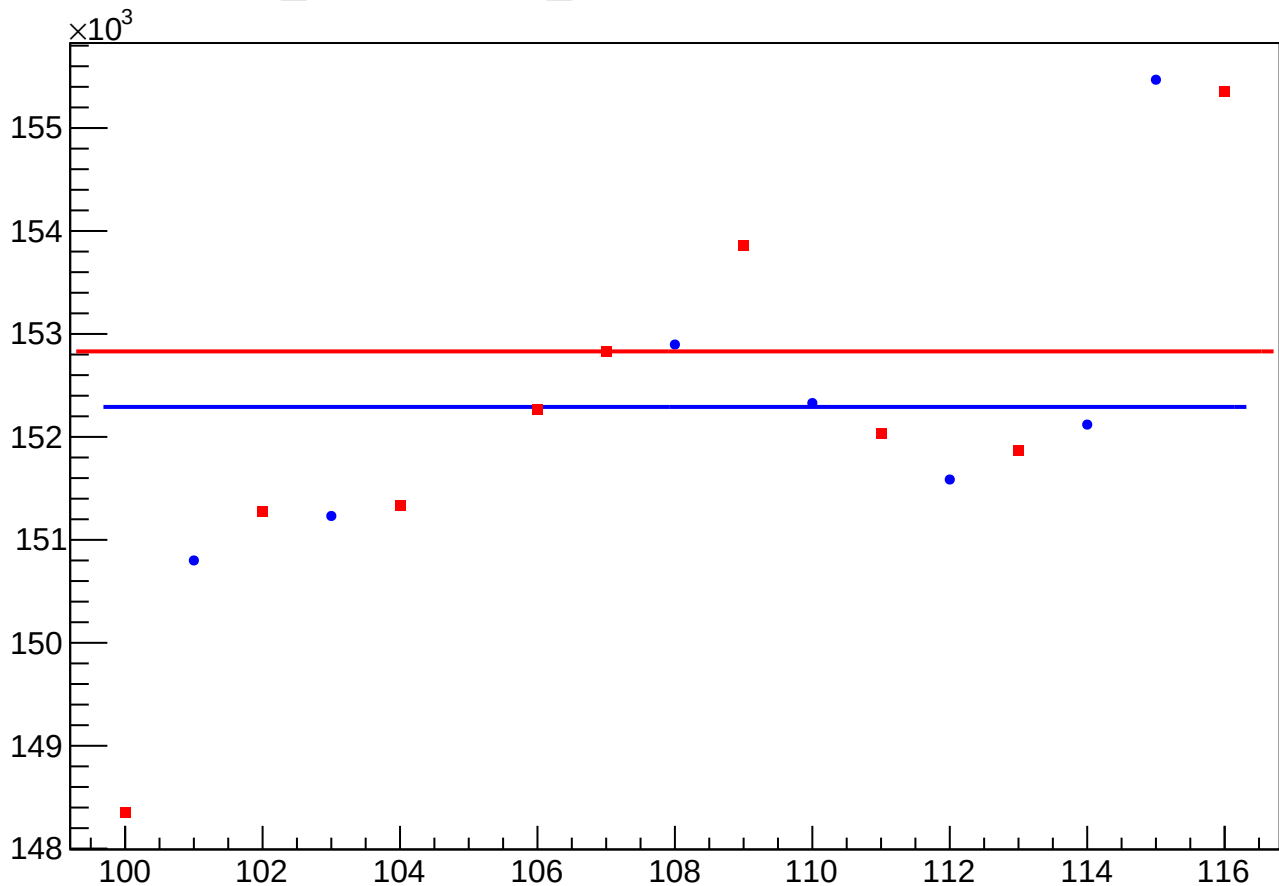
Right: 159.842+/-0.050 χ^2/NDF : 1837151.1/15

In: 170.397+/-0.080 χ^2/NDF : 826394.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.842+/-0.050 χ^2/NDF : 1837151.1/15

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152622.870+/-0.079 χ^2 /NDF: 221002410.5/1

In: 152291.155+/-0.127 χ^2 /NDF: 63761443.2/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152622.870+/-0.079 χ^2 /NDF: 221002410.5/1

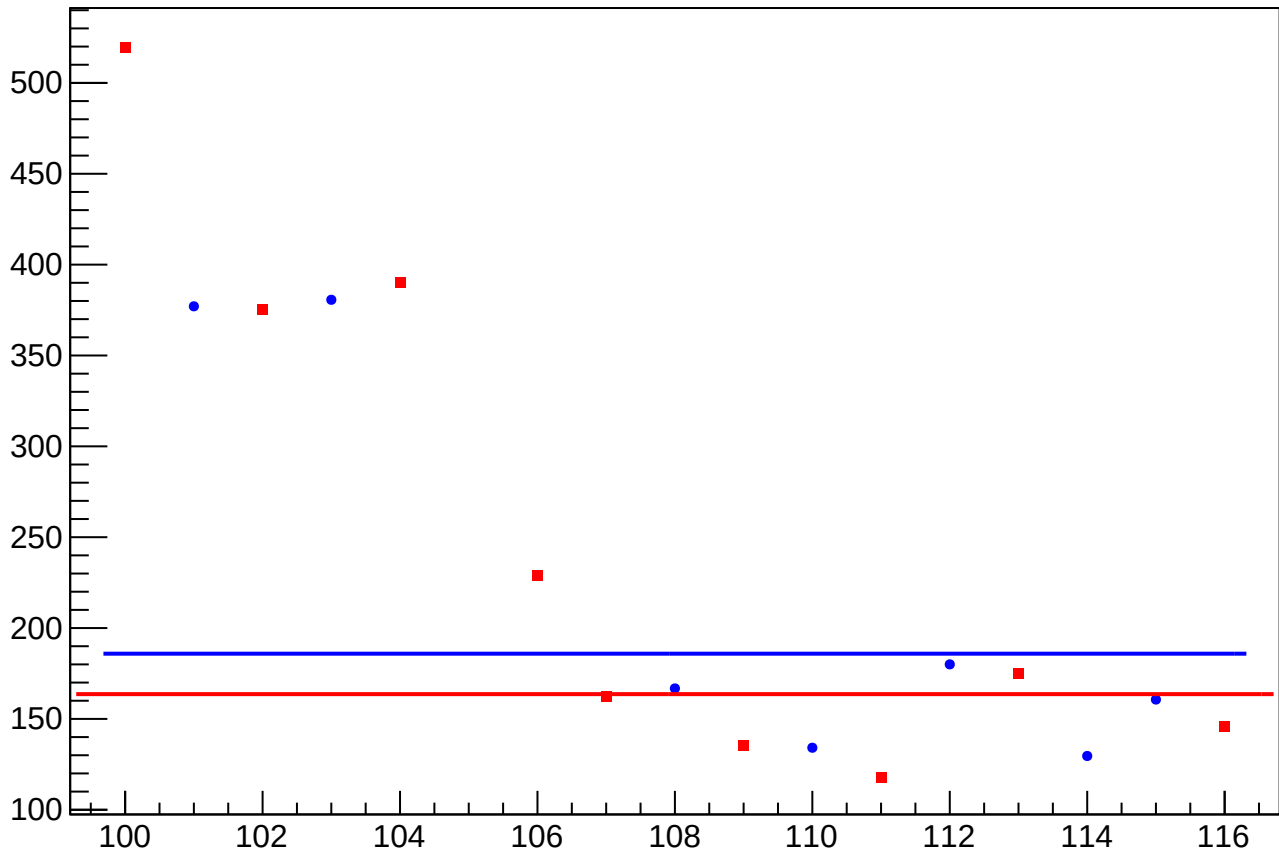
Right In: 152291.155+/-0.127 χ^2 /NDF: 63761443.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152830.405+/-0.100 χ^2 /NDF: 146099588.2/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 185.896 $\pm$ 0.090 χ^2 /NDF: 803261.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.635 $\pm$ 0.071 χ^2 /NDF: 1048234.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

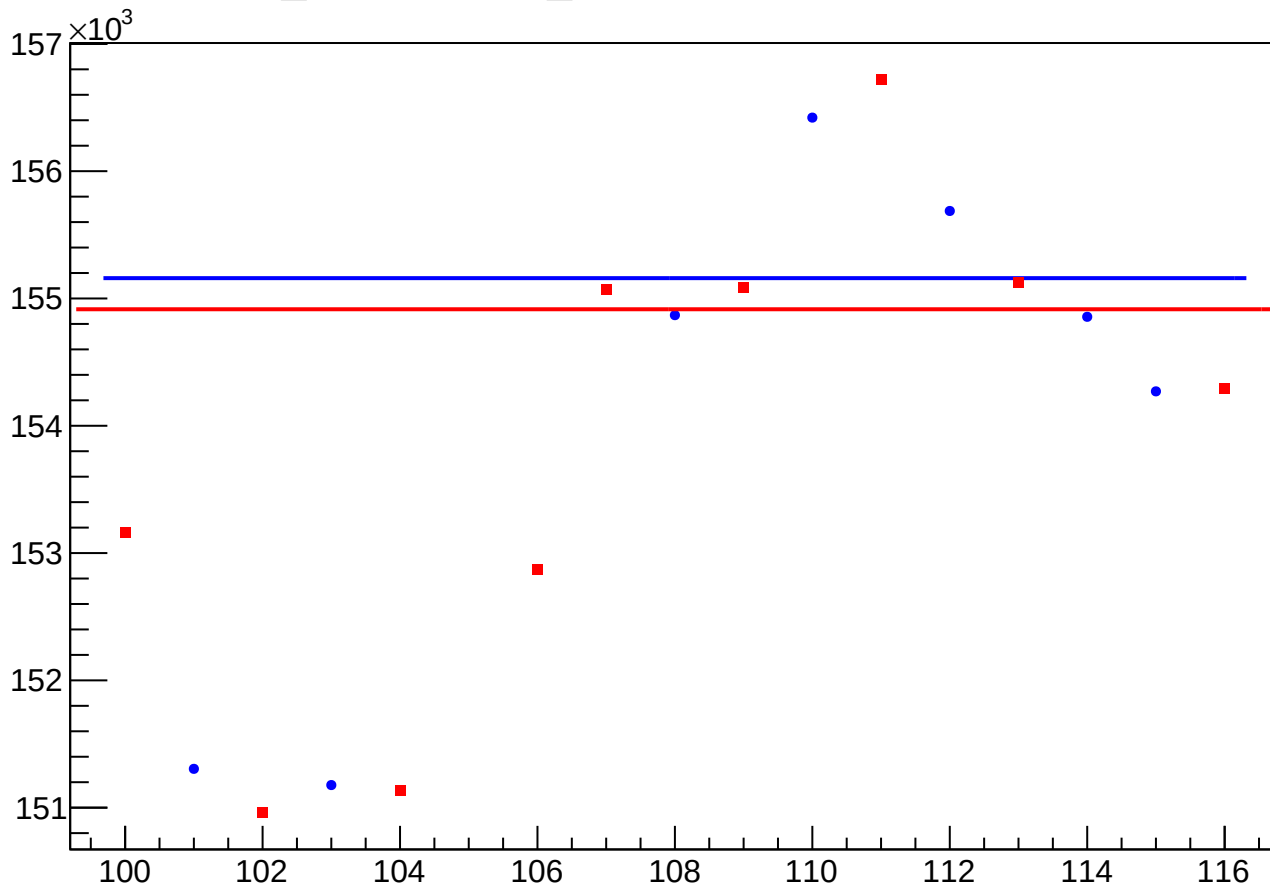
Right: 172.202 $\pm$ 0.056 χ^2 /NDF: 1889468.3/15

In: 185.896 $\pm$ 0.090 χ^2 /NDF:803261.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.202 $\pm$ 0.056 χ^2 /NDF: 1889468.3/15

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155159.689+/-0.106 χ^2 /NDF: 174226714.2/6

Right: 155012.397+/-0.067 χ^2 /NDF: 440481759.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154915.266+/-0.086 χ^2 /NDF: 263068418.9/8

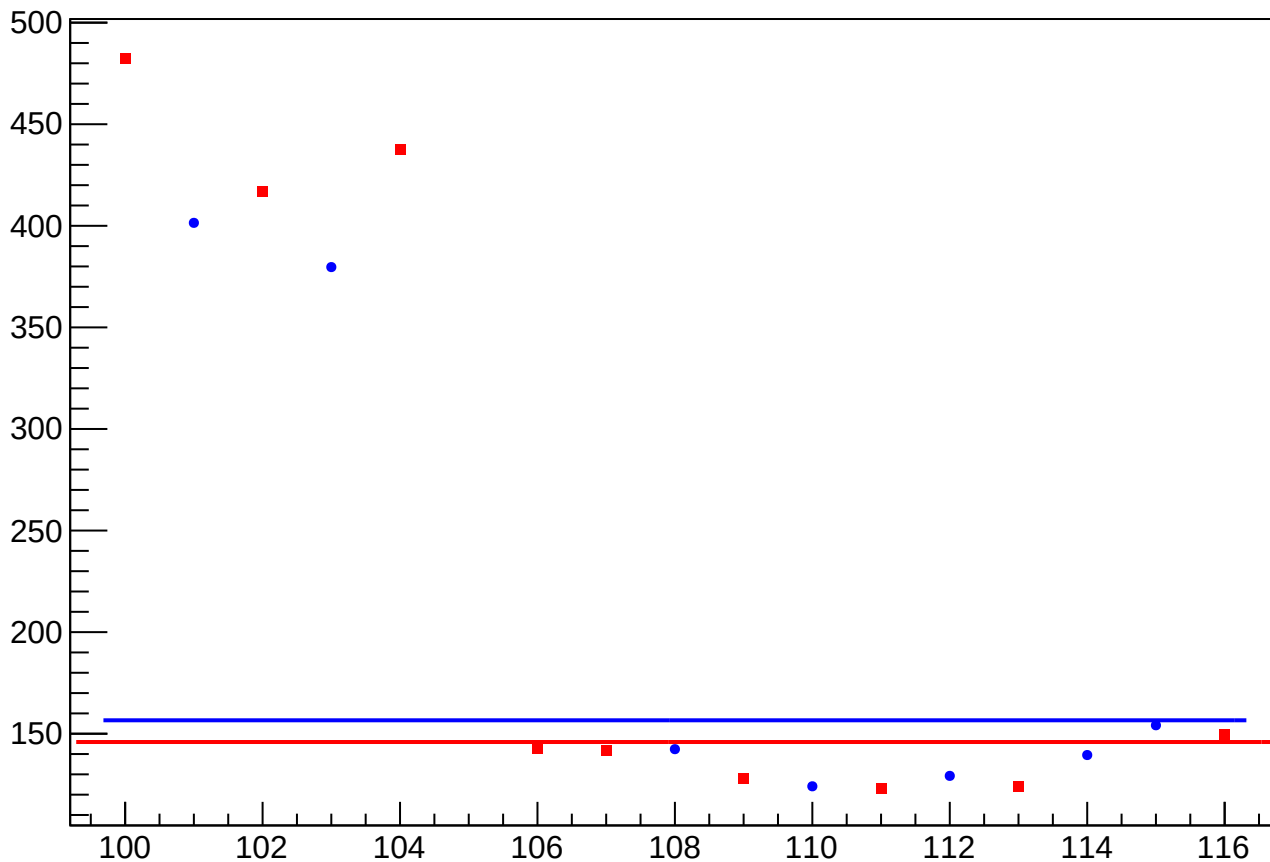
In: 155159.689+/-0.106 χ^2 /NDF: 174226714.2/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155012.397+/-0.067 χ^2 /NDF: 440481759.4/1

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 156.606+/-0.075 χ^2/NDF : 978971.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.920+/-0.061 χ^2/NDF : 1156754.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

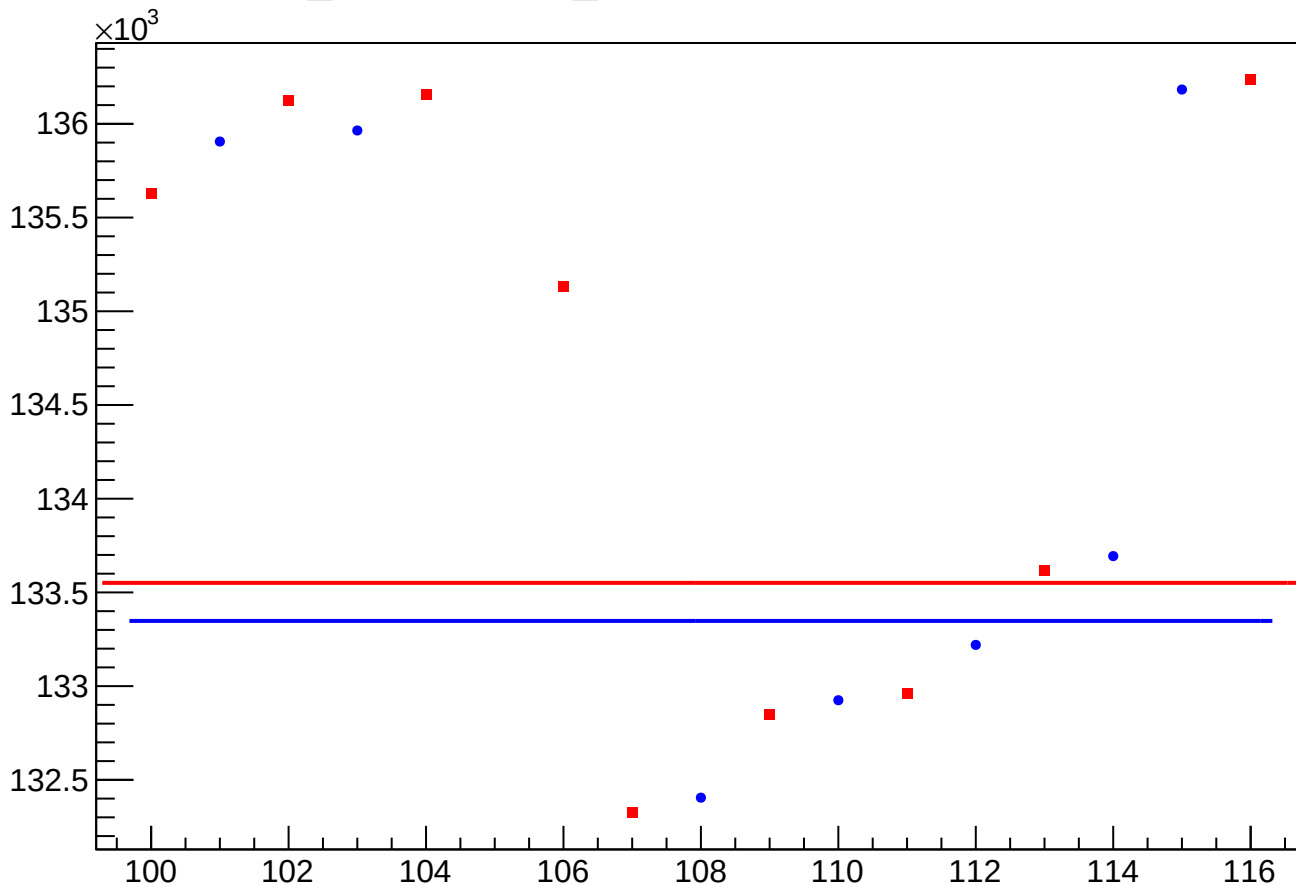
Right: 150.166+/-0.047 χ^2/NDF : 2147908.7/15

In: 156.606+/-0.075 χ^2/NDF : 978971.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.166+/-0.047 χ^2/NDF : 2147908.7/15

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 133467.931+/-0.052 χ^2 /NDF: 463126066.5/1

In: 133347.915+/-0.081 χ^2 /NDF: 171663175.3/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 133467.931+/-0.052 χ^2 /NDF: 463126066.5/1

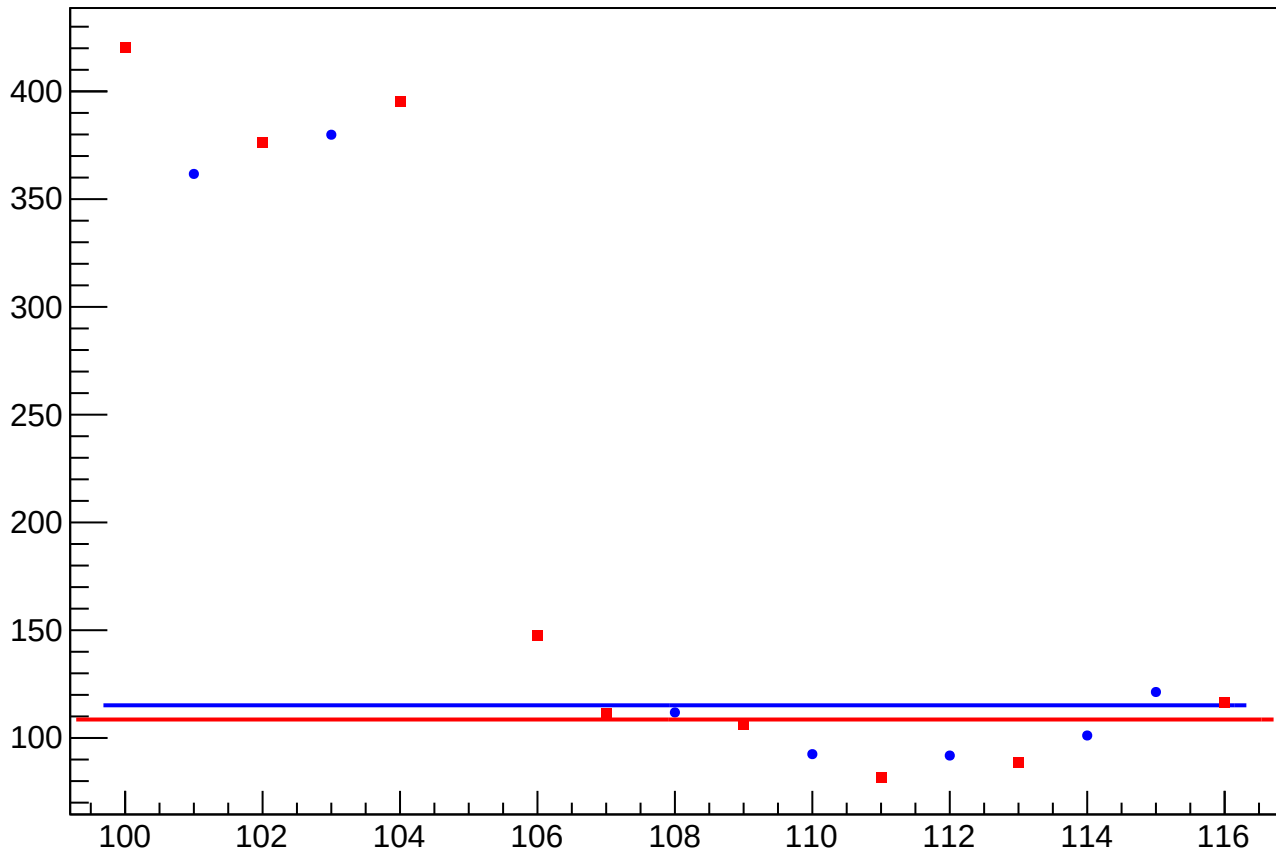
Right In: 133347.915+/-0.081 χ^2 /NDF: 171663175.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 133550.994+/-0.067 χ^2 /NDF: 287728249.5/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 115.162+/-0.057 χ^2/NDF : 1301006.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.573+/-0.048 χ^2/NDF : 1454612.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

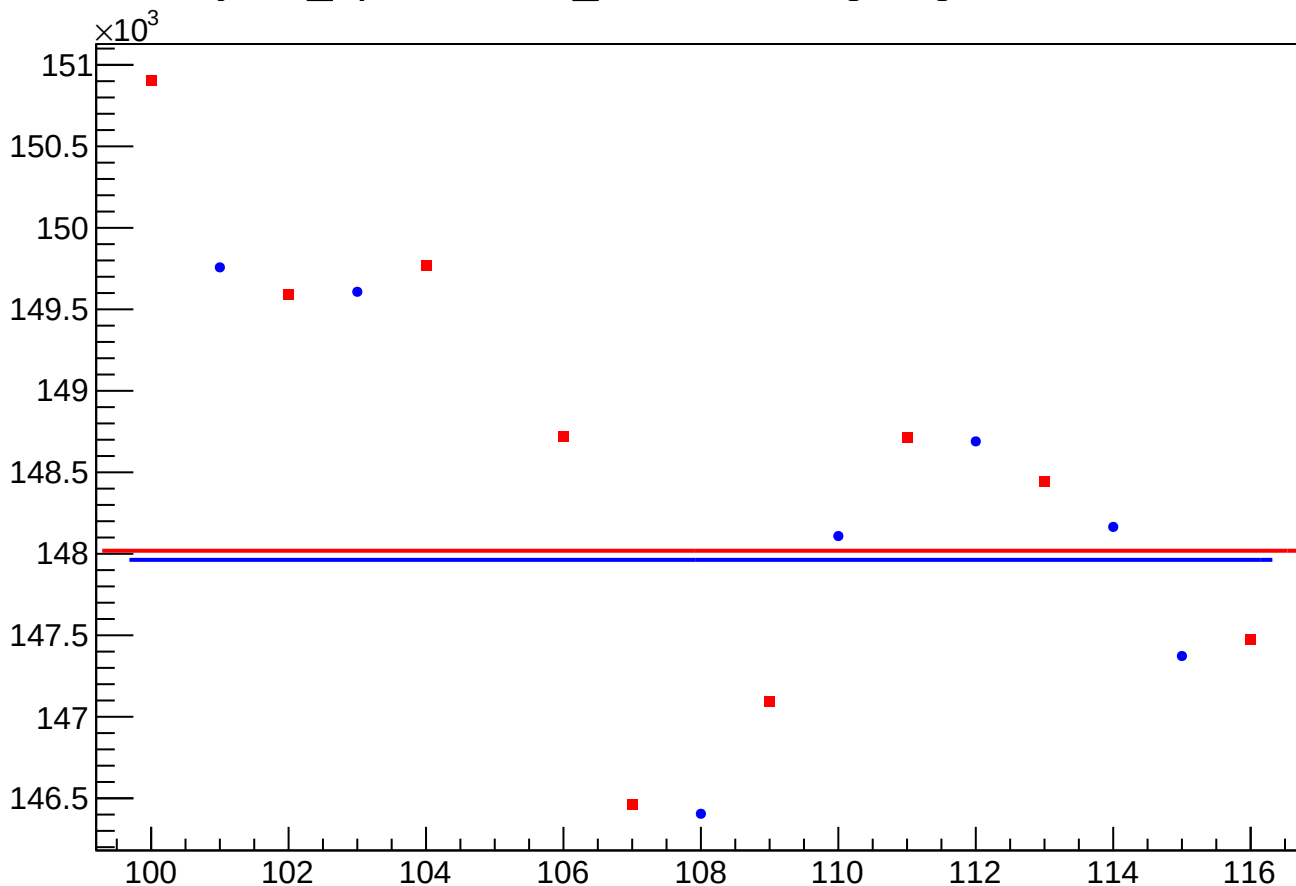
Right: 111.268+/-0.037 χ^2/NDF : 2763482.6/15

In: 115.162+/-0.057 χ^2/NDF : 1301006.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

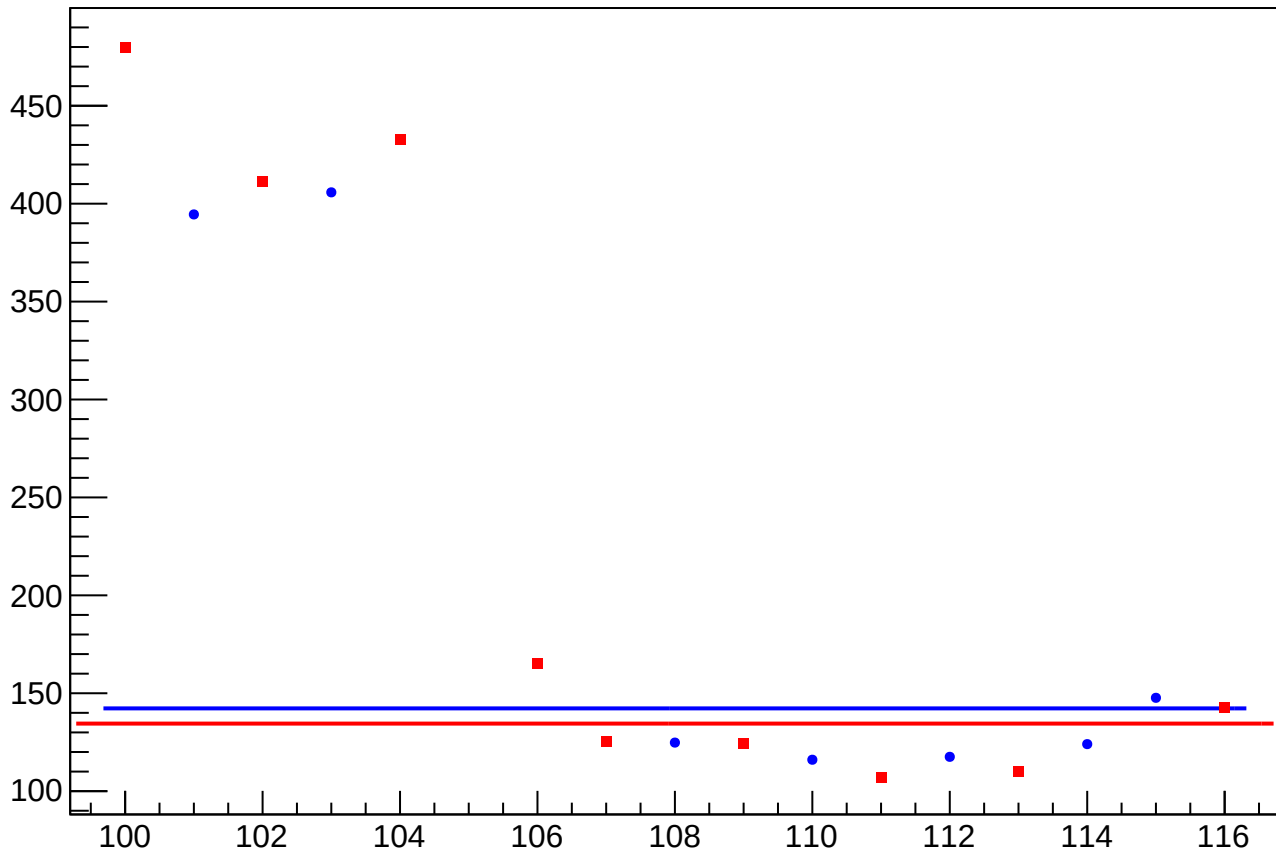
All: 111.268+/-0.037 χ^2/NDF : 2763482.6/15

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147962.952+/-0.098 χ^2 /NDF: 102919532.1/6
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 147996.052+/-0.062 χ^2 /NDF: 222209481.9/1
 In: 147962.952+/-0.098 χ^2 /NDF: 102919532.1/6
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147996.052+/-0.062 χ^2 /NDF: 222209481.9/1

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 142.269+/-0.069 χ^2/NDF : 1137008.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.057 χ^2/NDF : 1285691.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

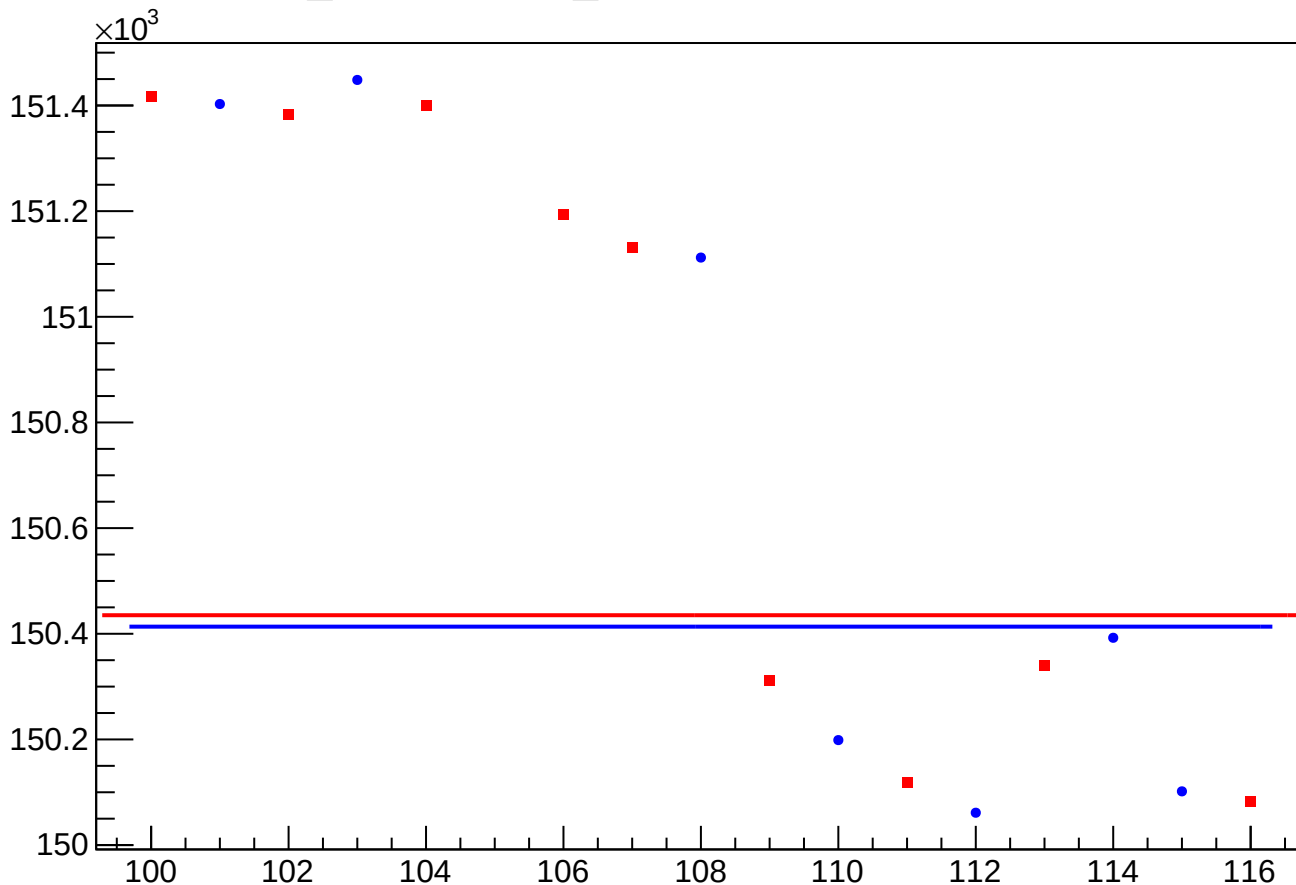
Right: 137.670+/-0.044 χ^2/NDF : 2430166.2/15

In: 142.269+/-0.069 χ^2/NDF : 1137008.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.670+/-0.044 χ^2/NDF : 2430166.2/15

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 150426.501+/-0.055 χ^2 /NDF: 61967991.8/15

In: 150413.497+/-0.087 χ^2 /NDF: 29048406.8/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150426.501+/-0.055 χ^2 /NDF: 61967991.8/15

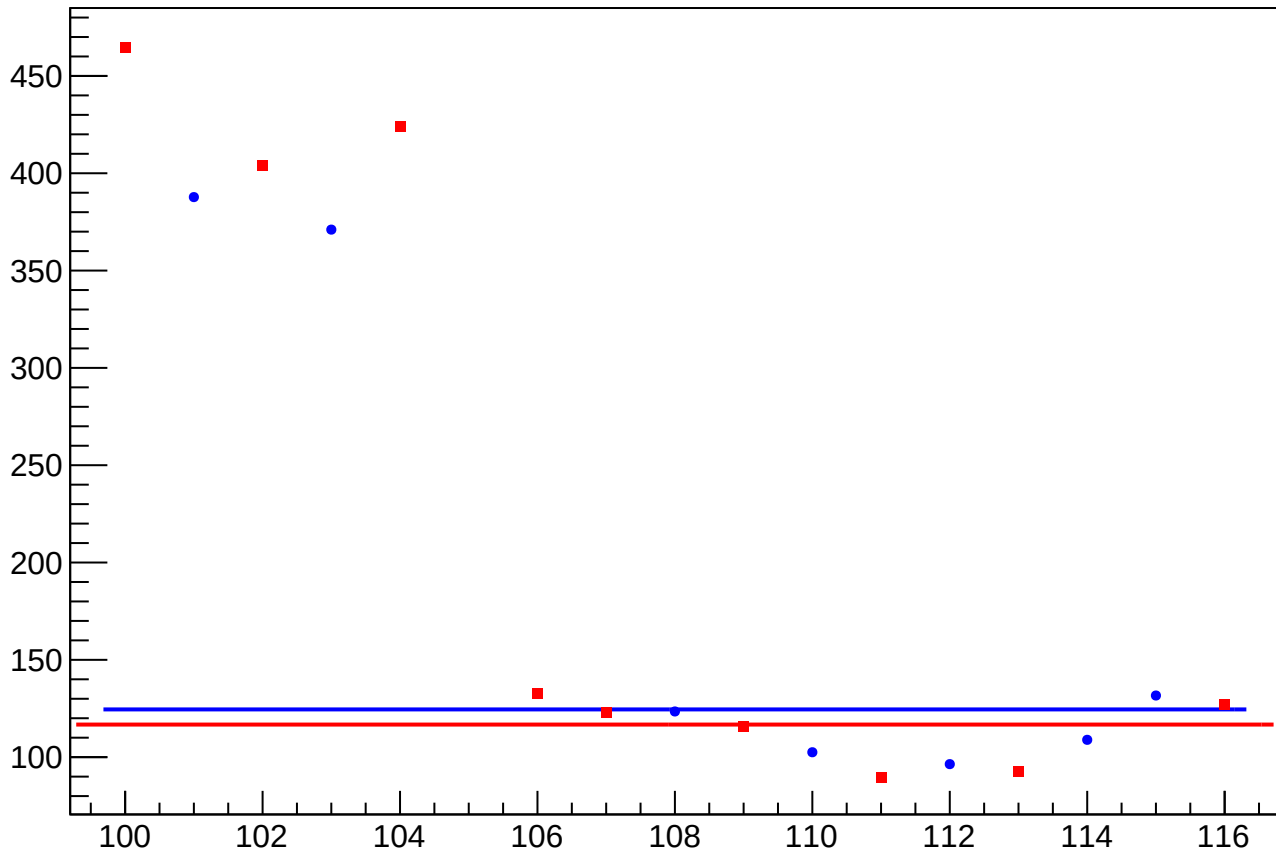
Right In: 150413.497+/-0.087 χ^2 /NDF: 29048406.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 150435.128+/-0.071 χ^2 /NDF: 32882687.1/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 124.527+/-0.062 χ^2/NDF : 1218051.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.744+/-0.050 χ^2/NDF : 1430417.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

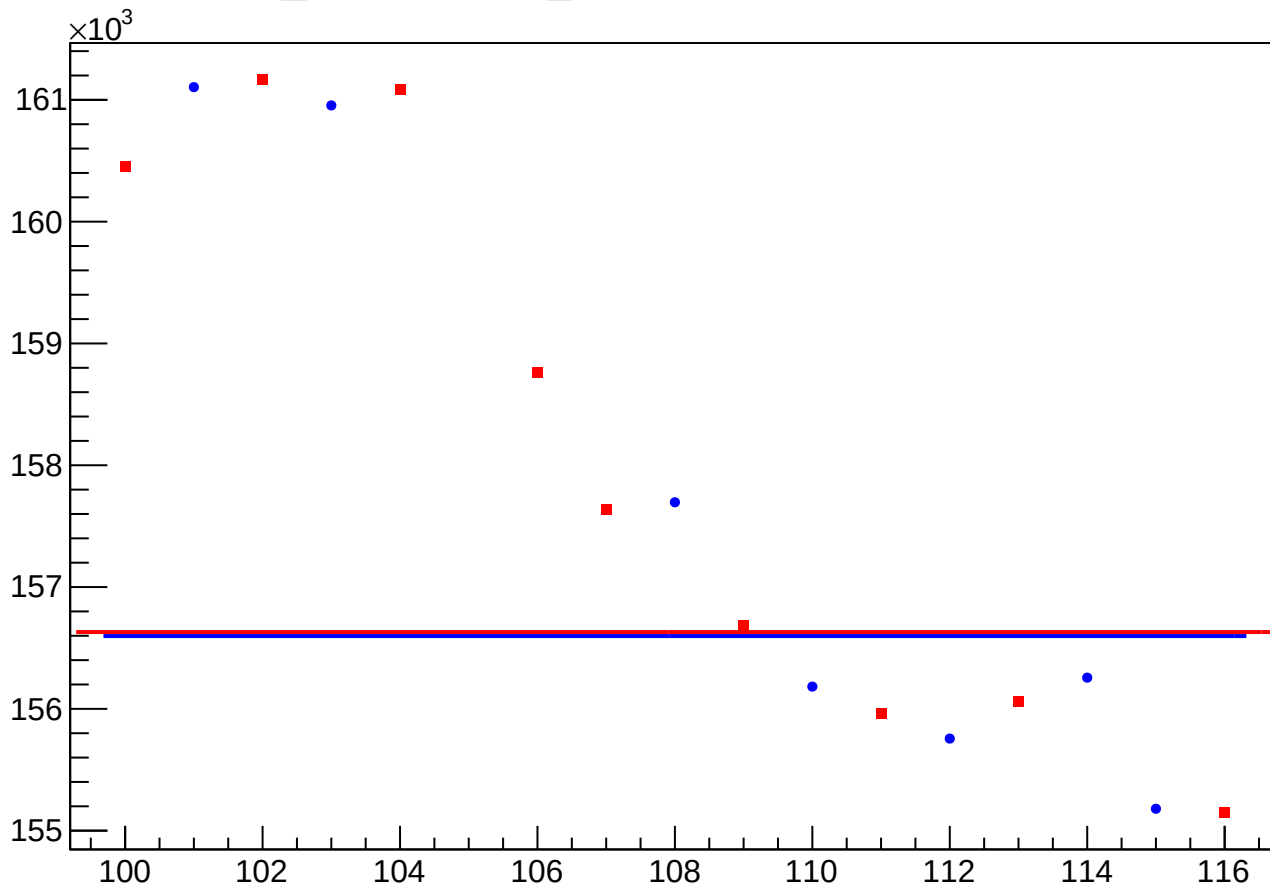
Right: 119.848+/-0.039 χ^2/NDF : 2658021.2/15

In: 124.527+/-0.062 χ^2/NDF : 1218051.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.848+/-0.039 χ^2/NDF : 2658021.2/15

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 156597.655+/-0.093 χ^2 /NDF: 226955669.3/6

Right: 156617.535+/-0.058 χ^2 /NDF: 517344521.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156630.614+/-0.075 χ^2 /NDF: 290312278.9/8

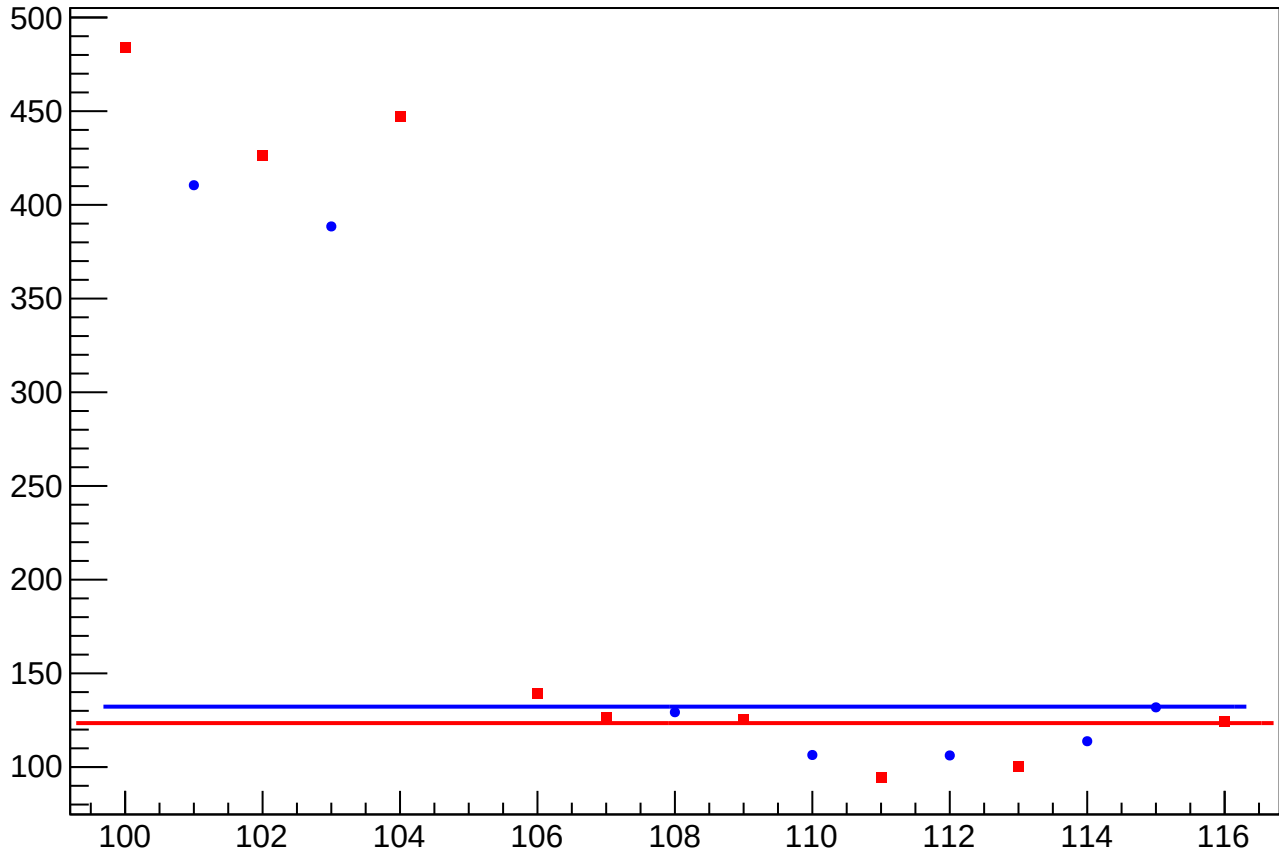
In: 156597.655+/-0.093 χ^2 /NDF: 226955669.3/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 156617.535+/-0.058 χ^2 /NDF: 517344521.4/1

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 132.241 $\pm$ 0.065 χ^2 /NDF: 1196216.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.459 $\pm$ 0.053 χ^2 /NDF: 1413581.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

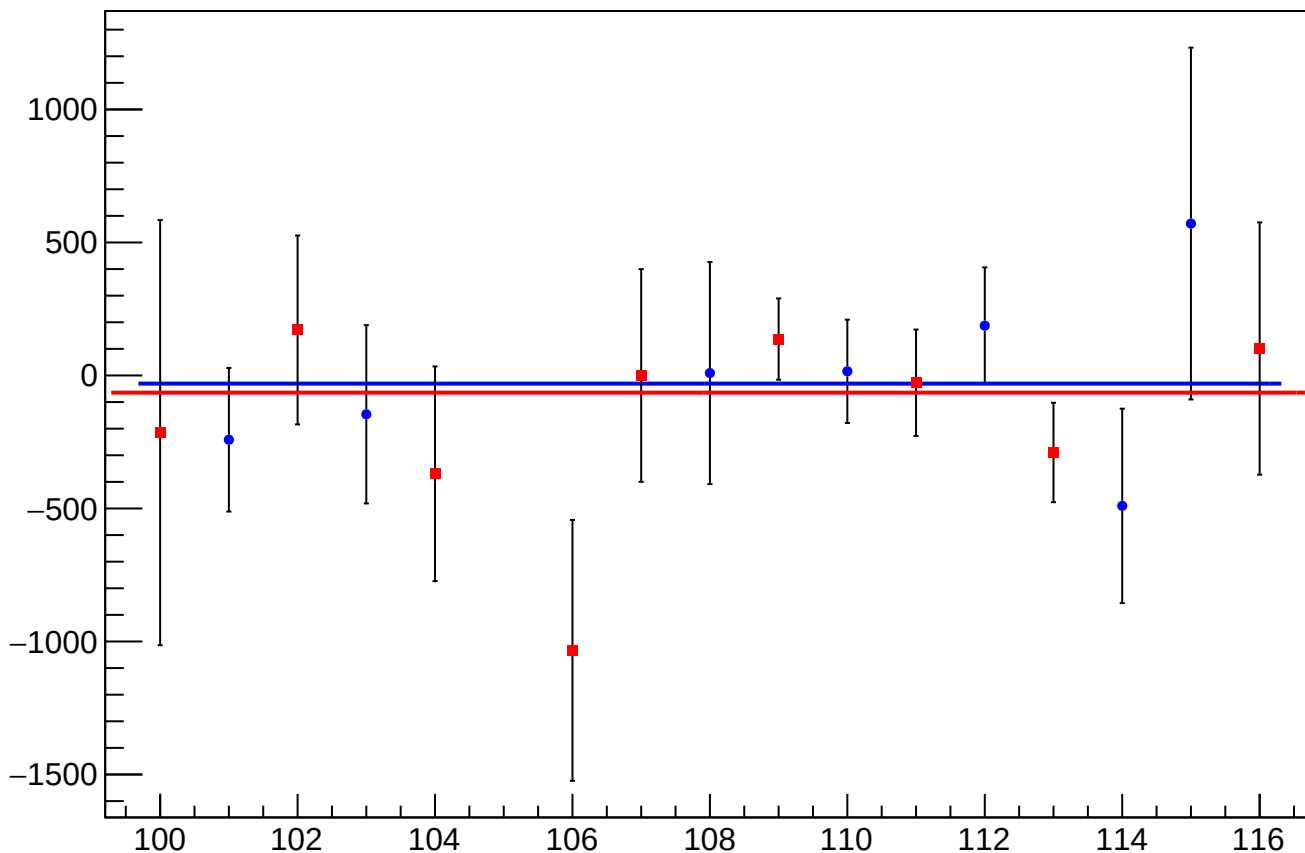
Right: 126.944 $\pm$ 0.041 χ^2 /NDF: 2620669.7/15

In: 132.241 $\pm$ 0.065 χ^2 /NDF:1196216.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.944 $\pm$ 0.041 χ^2 /NDF: 2620669.7/15

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -30.643 ± 108.189 χ^2/NDF : 4.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.656 ± 88.750 χ^2/NDF : 8.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

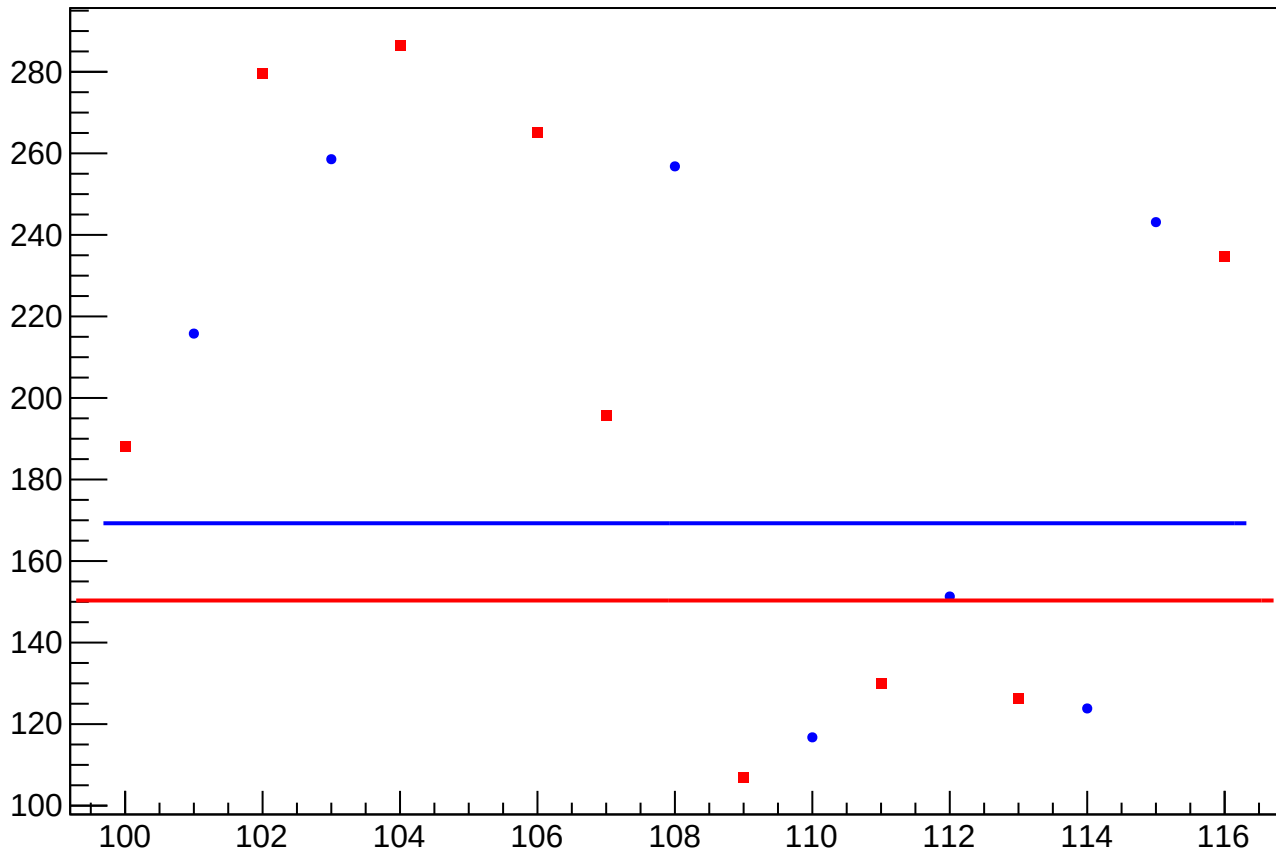
Right: -50.975 ± 68.616 χ^2/NDF : 12.6/15

In: -30.643 ± 108.189 χ^2/NDF : 4.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.975 ± 68.616 χ^2/NDF : 12.6/15

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 169.268+/-0.077 χ^2/NDF : 504820.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.323+/-0.063 χ^2/NDF : 910854.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

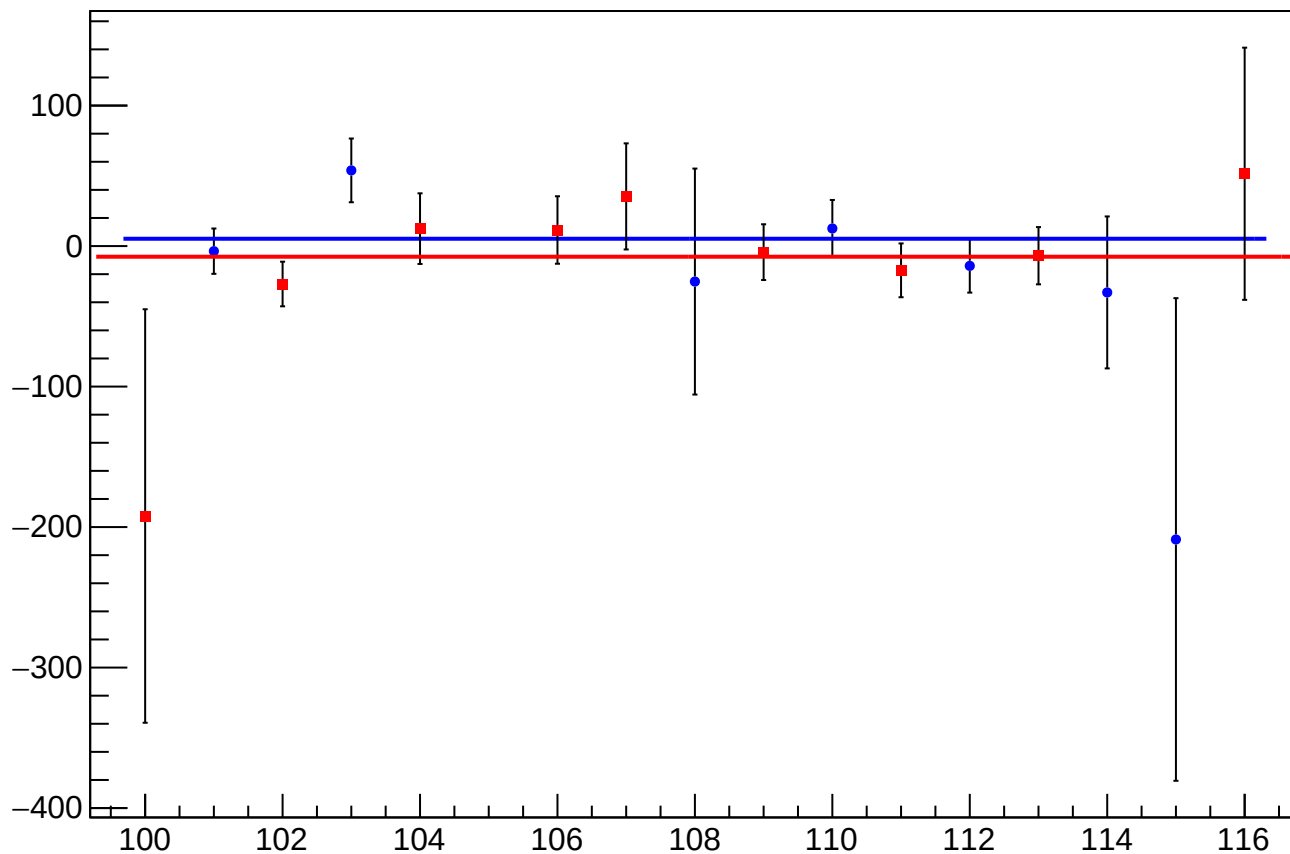
Right: 157.943+/-0.049 χ^2/NDF : 1452332.6/15

In: 169.268+/-0.077 χ^2/NDF : 504820.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.943+/-0.049 χ^2/NDF : 1452332.6/15

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.219+/-9.322 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.569+/-7.948 χ^2/NDF : 6.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

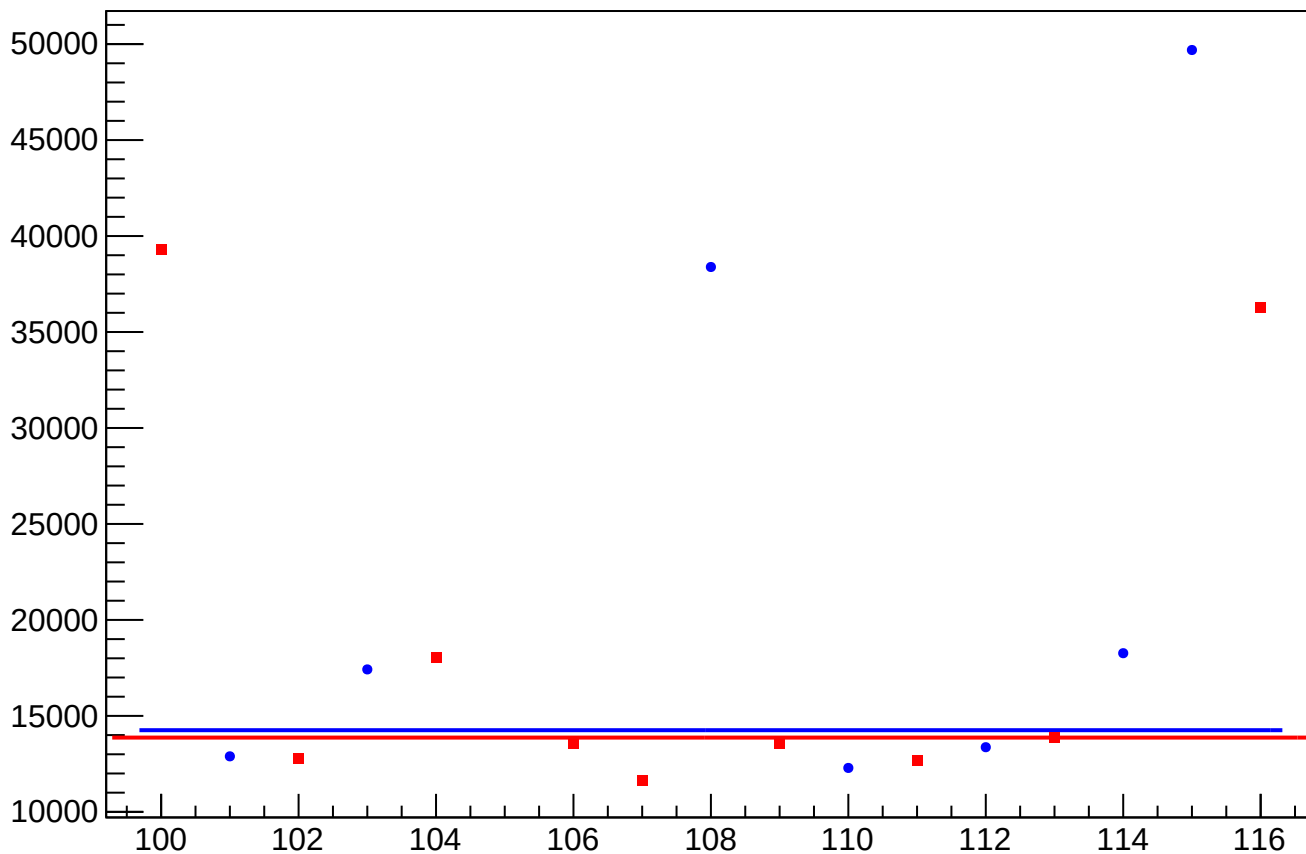
Right: -2.186+/-6.048 χ^2/NDF : 15.7/15

In: 5.219+/-9.322 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.186+/-6.048 χ^2/NDF : 15.7/15

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 14255.157+/-6.591 χ^2/NDF : 352579.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13870.107+/-5.620 χ^2/NDF : 265202.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

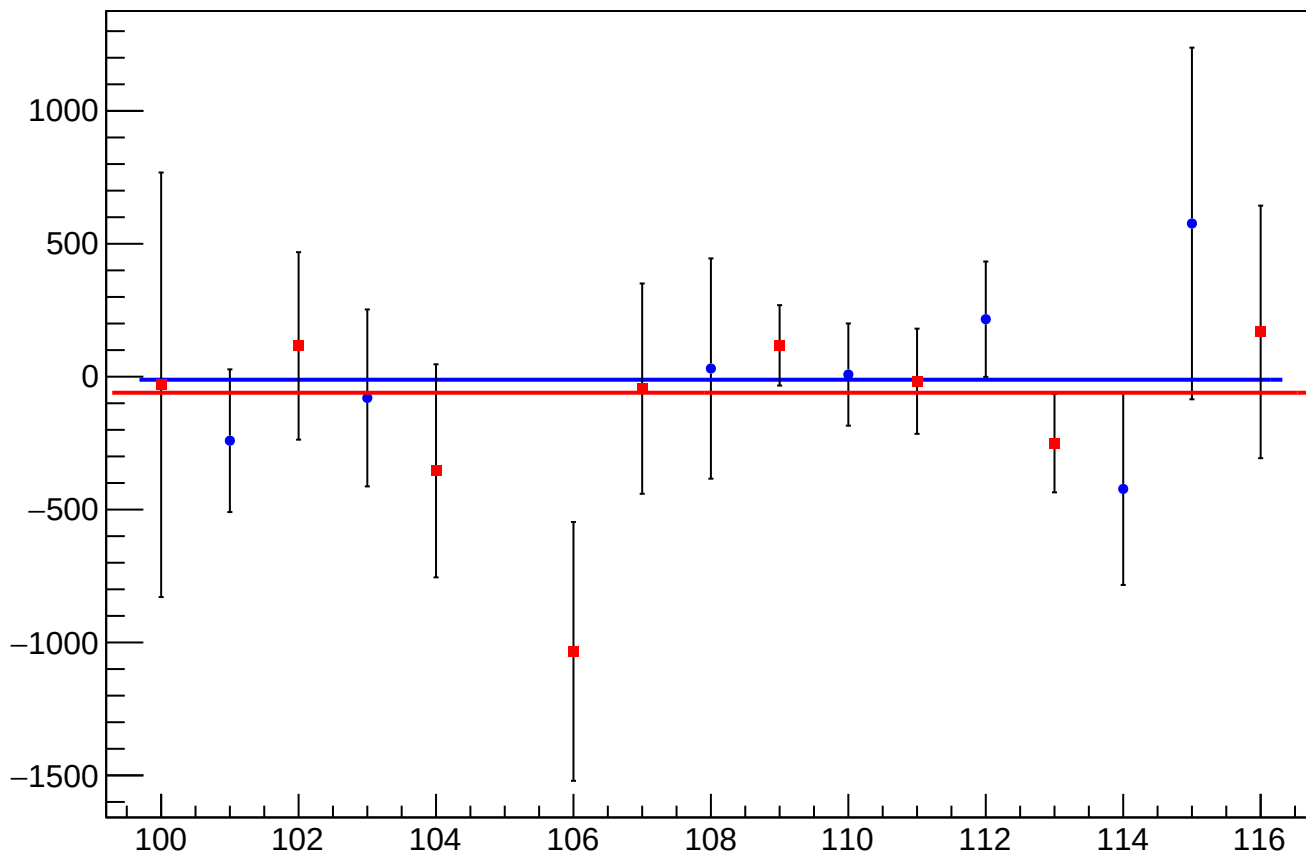
Right: 14032.187+/-4.276 χ^2/NDF : 619758.0/15

In: 14255.157+/-6.591 χ^2/NDF : 352579.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14032.187+/-4.276 χ^2/NDF : 619758.0/15

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -11.418 ± 107.258 χ^2/NDF : 4.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.336 ± 87.943 χ^2/NDF : 7.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

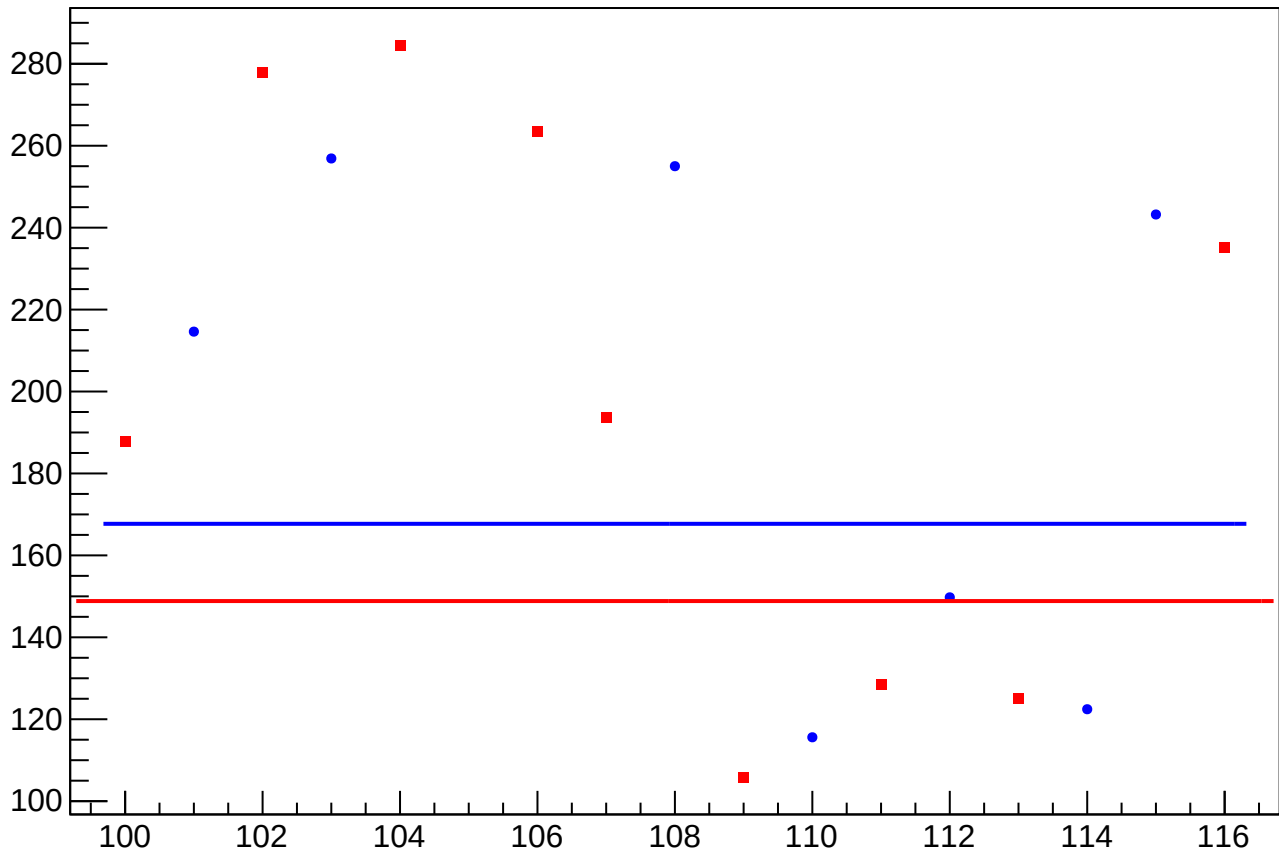
Right: -40.670 ± 68.006 χ^2/NDF : 11.6/15

In: -11.418 ± 107.258 χ^2/NDF : 4.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.670 ± 68.006 χ^2/NDF : 11.6/15

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 167.706+/-0.076 χ^2/NDF : 511262.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.850+/-0.062 χ^2/NDF : 918852.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

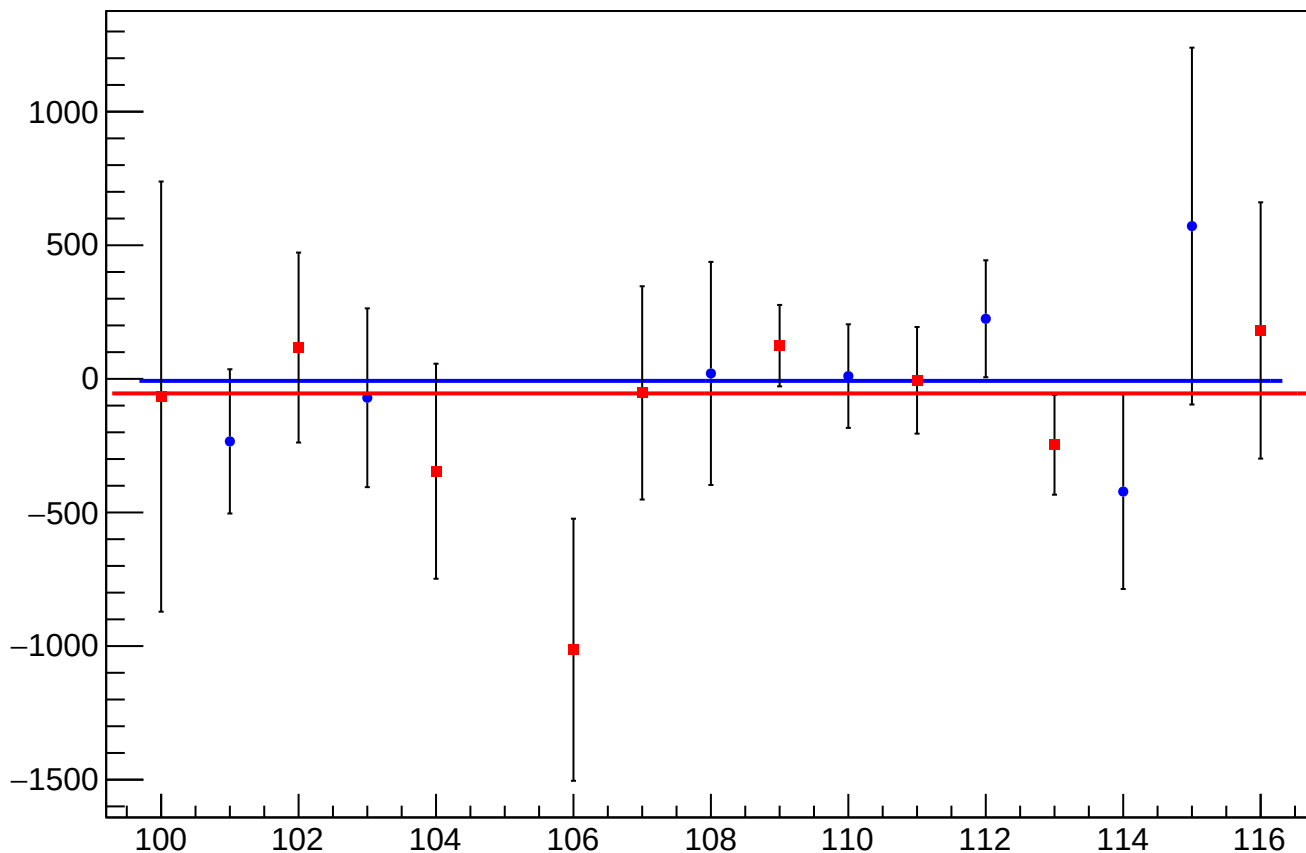
Right: 156.430+/-0.048 χ^2/NDF : 1467076.5/15

In: 167.706+/-0.076 χ^2/NDF : 511262.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.430+/-0.048 χ^2/NDF : 1467076.5/15

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -7.518+/-108.055 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -54.415+/-88.642 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

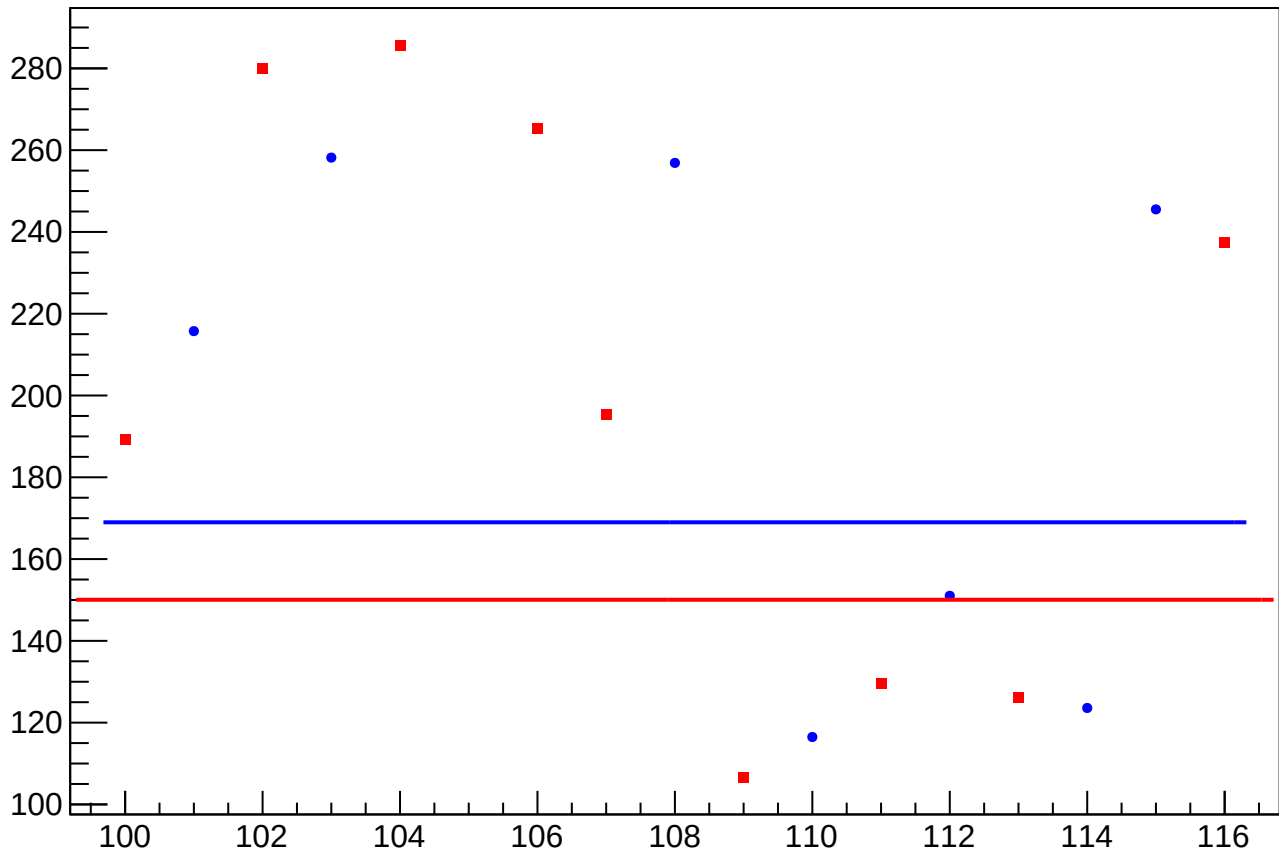
Right: -35.550+/-68.532 χ^2/NDF : 11.4/15

In: -7.518+/-108.055 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.550+/-68.532 χ^2/NDF : 11.4/15

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 168.993+/-0.076 χ^2/NDF : 508245.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.051+/-0.063 χ^2/NDF : 917036.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

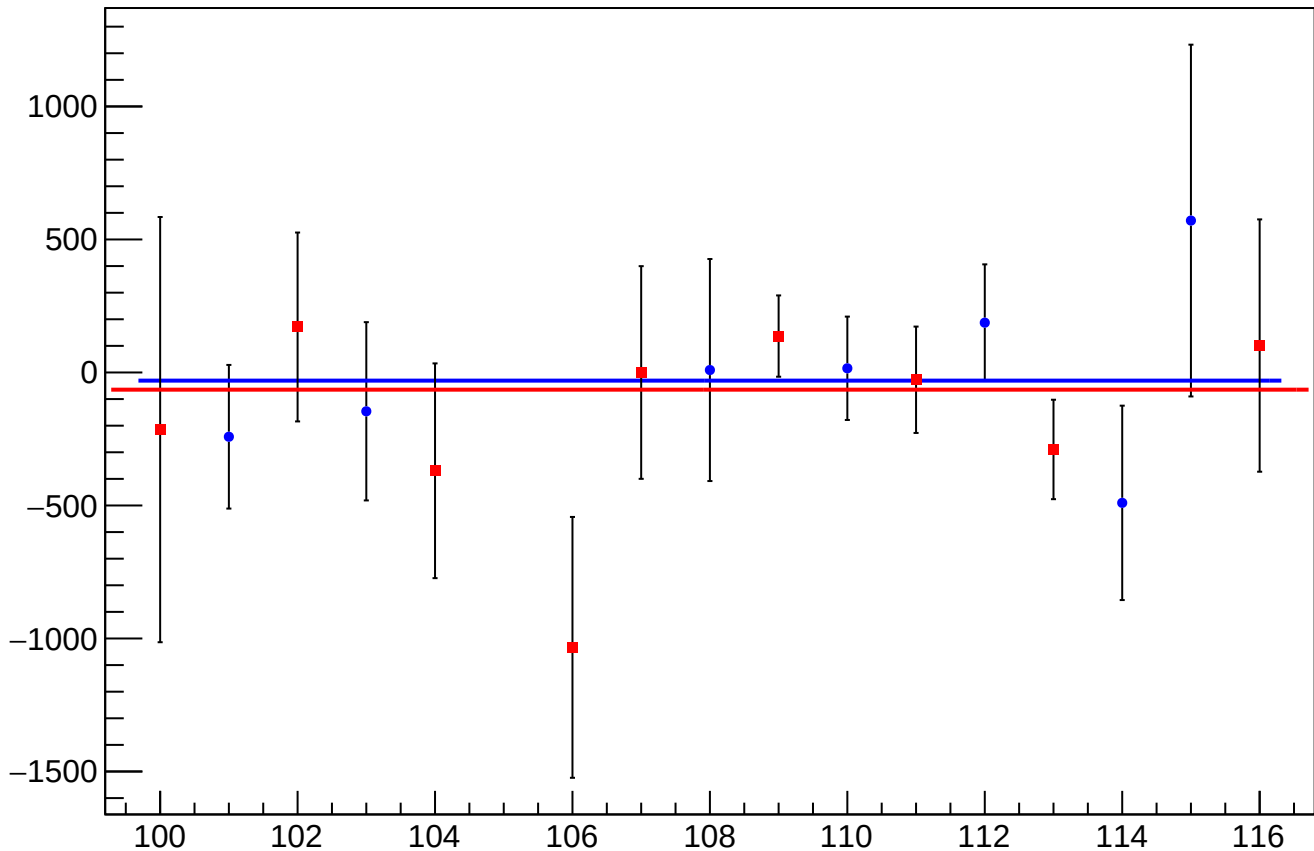
Right: 157.671+/-0.048 χ^2/NDF : 1462019.2/15

In: 168.993+/-0.076 χ^2/NDF : 508245.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.671+/-0.048 χ^2/NDF : 1462019.2/15

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -30.643 ± 108.189 χ^2/NDF : 4.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.656 ± 88.750 χ^2/NDF : 8.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

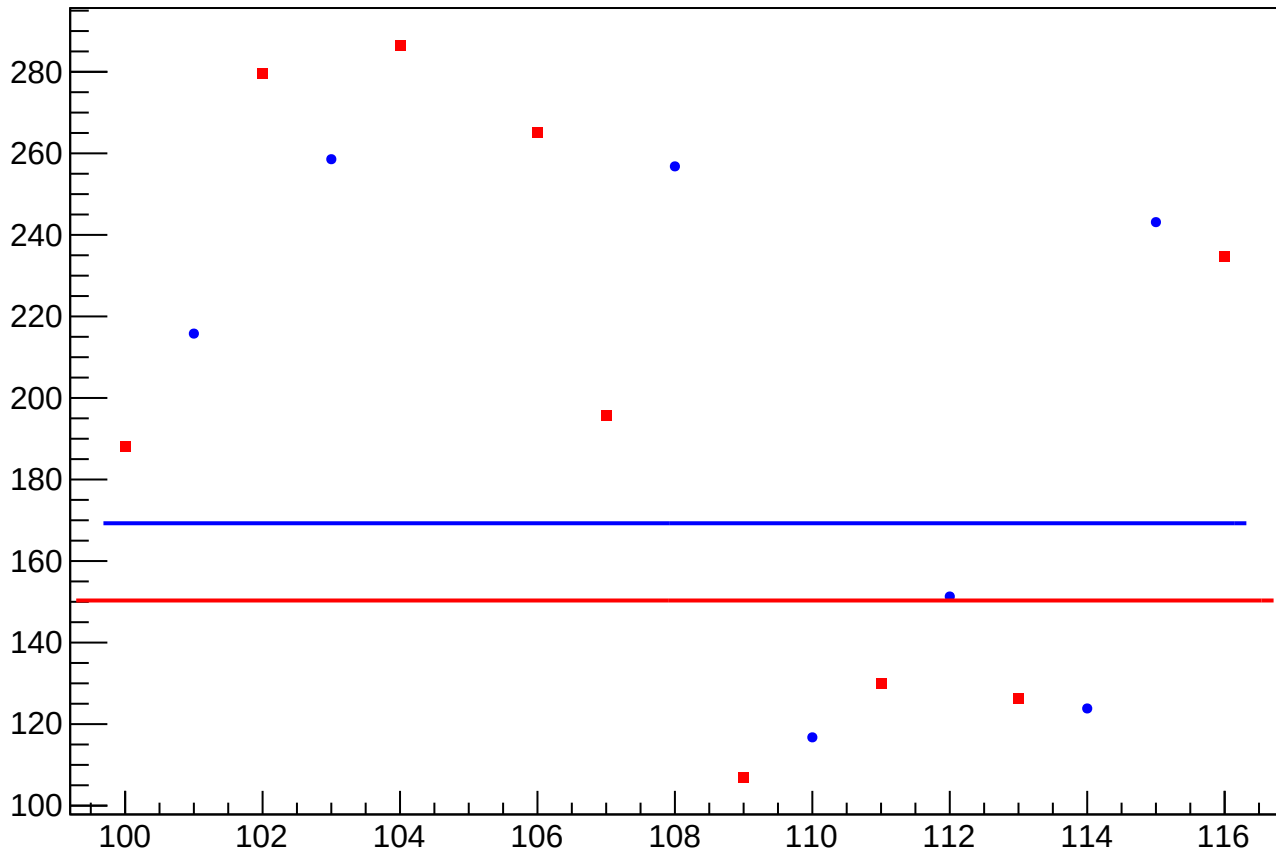
Right: -50.975 ± 68.616 χ^2/NDF : 12.6/15

In: -30.643 ± 108.189 χ^2/NDF : 4.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.975 ± 68.616 χ^2/NDF : 12.6/15

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 169.268+/-0.077 χ^2/NDF : 504820.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.323+/-0.063 χ^2/NDF : 910854.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

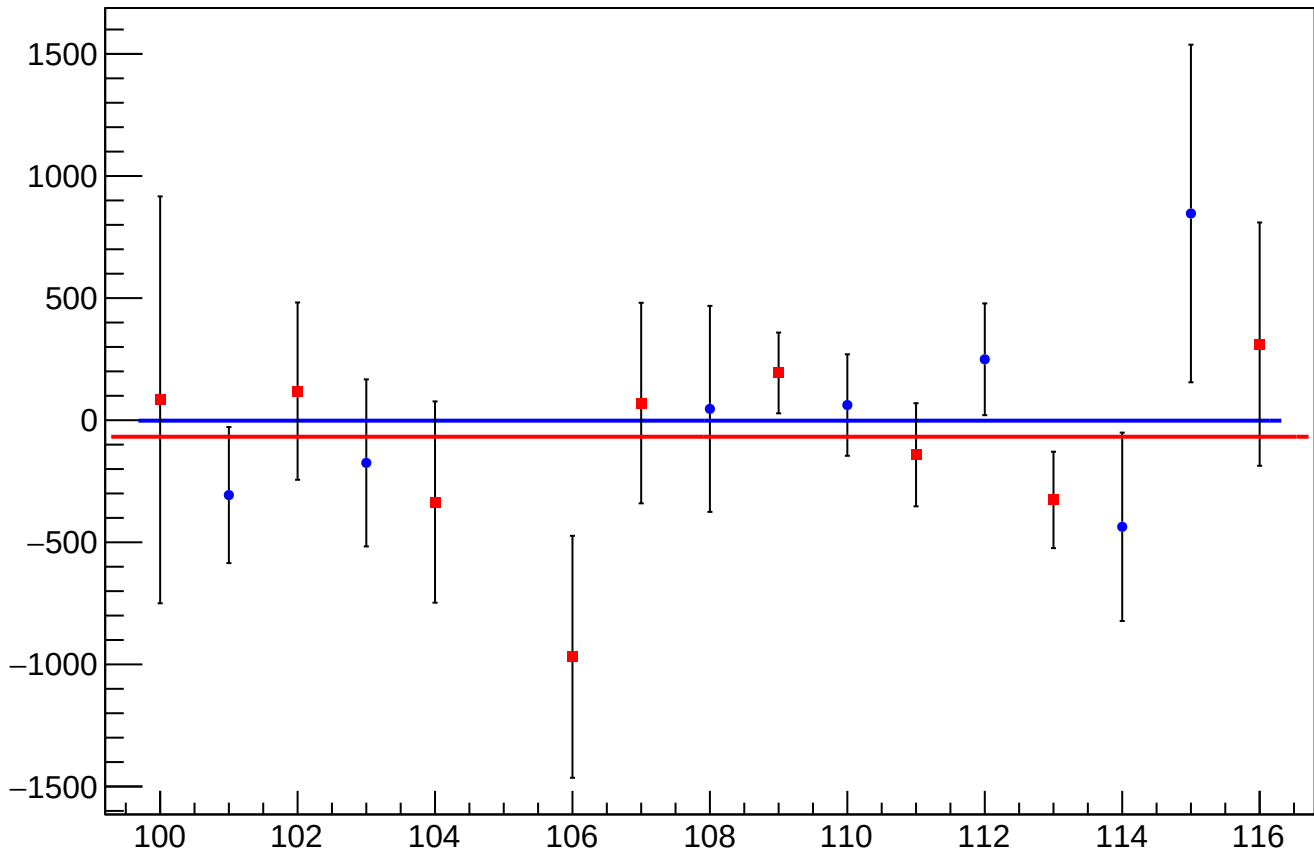
Right: 157.943+/-0.049 χ^2/NDF : 1452332.6/15

In: 169.268+/-0.077 χ^2/NDF : 504820.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.943+/-0.049 χ^2/NDF : 1452332.6/15

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -1.842 ± 113.148 χ^2/NDF : 5.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.693 ± 93.822 χ^2/NDF : 9.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

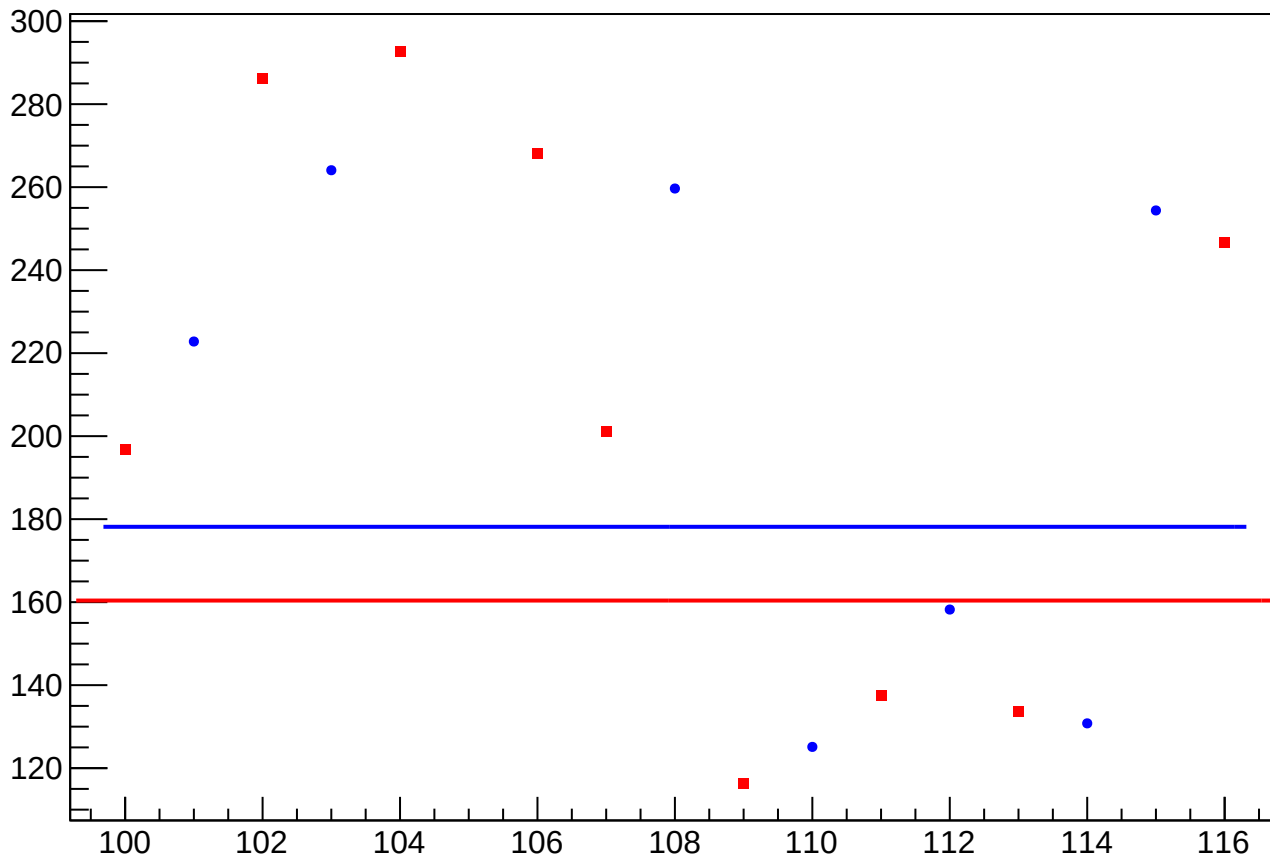
Right: -40.864 ± 72.223 χ^2/NDF : 14.8/15

In: -1.842 ± 113.148 χ^2/NDF : 5.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.864 ± 72.223 χ^2/NDF : 14.8/15

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 178.156+/-0.080 χ^2/NDF : 452120.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.387+/-0.066 χ^2/NDF : 826117.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

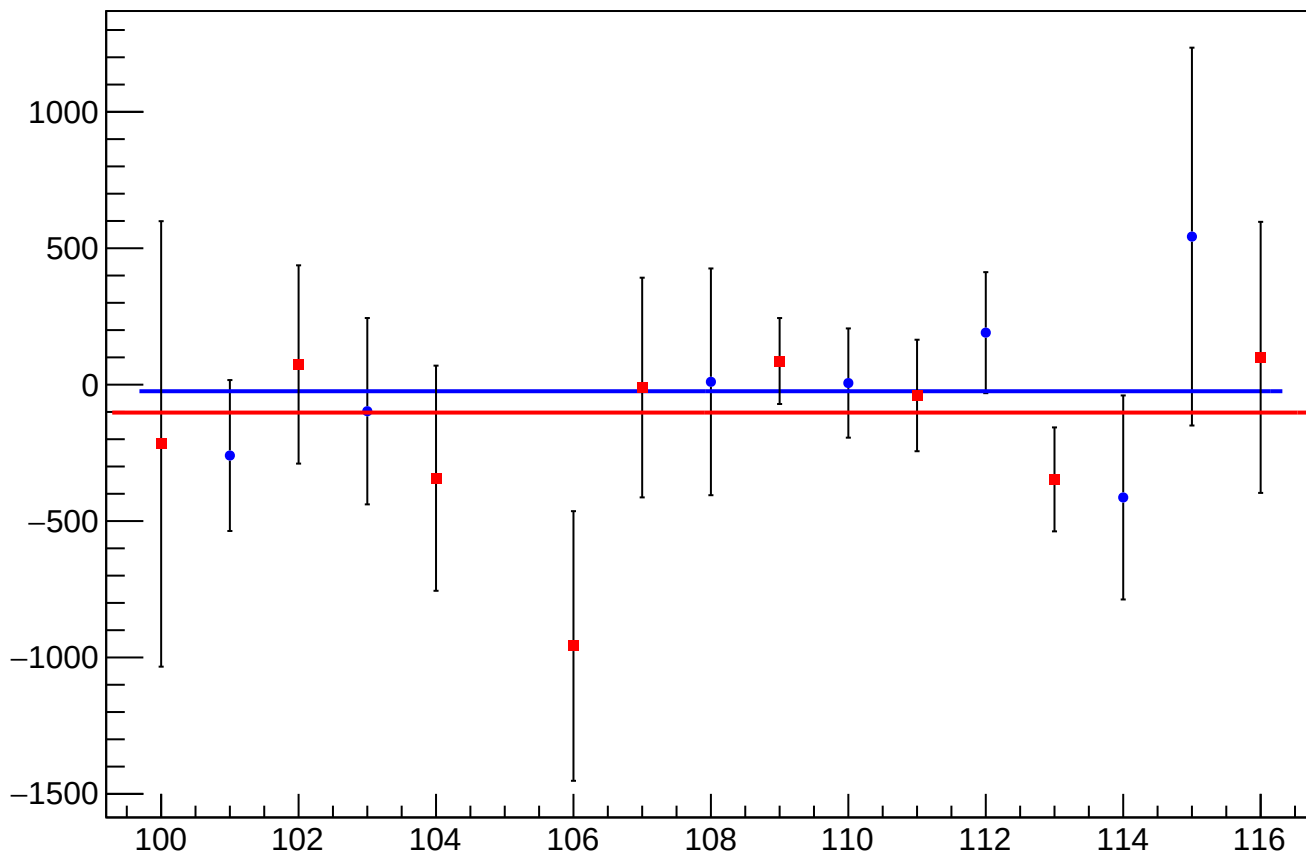
Right: 167.626+/-0.051 χ^2/NDF : 1307466.4/15

In: 178.156+/-0.080 χ^2/NDF : 452120.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.626+/-0.051 χ^2/NDF : 1307466.4/15

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -24.061 ± 110.470 χ^2/NDF : 3.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.327 ± 90.893 χ^2/NDF : 7.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

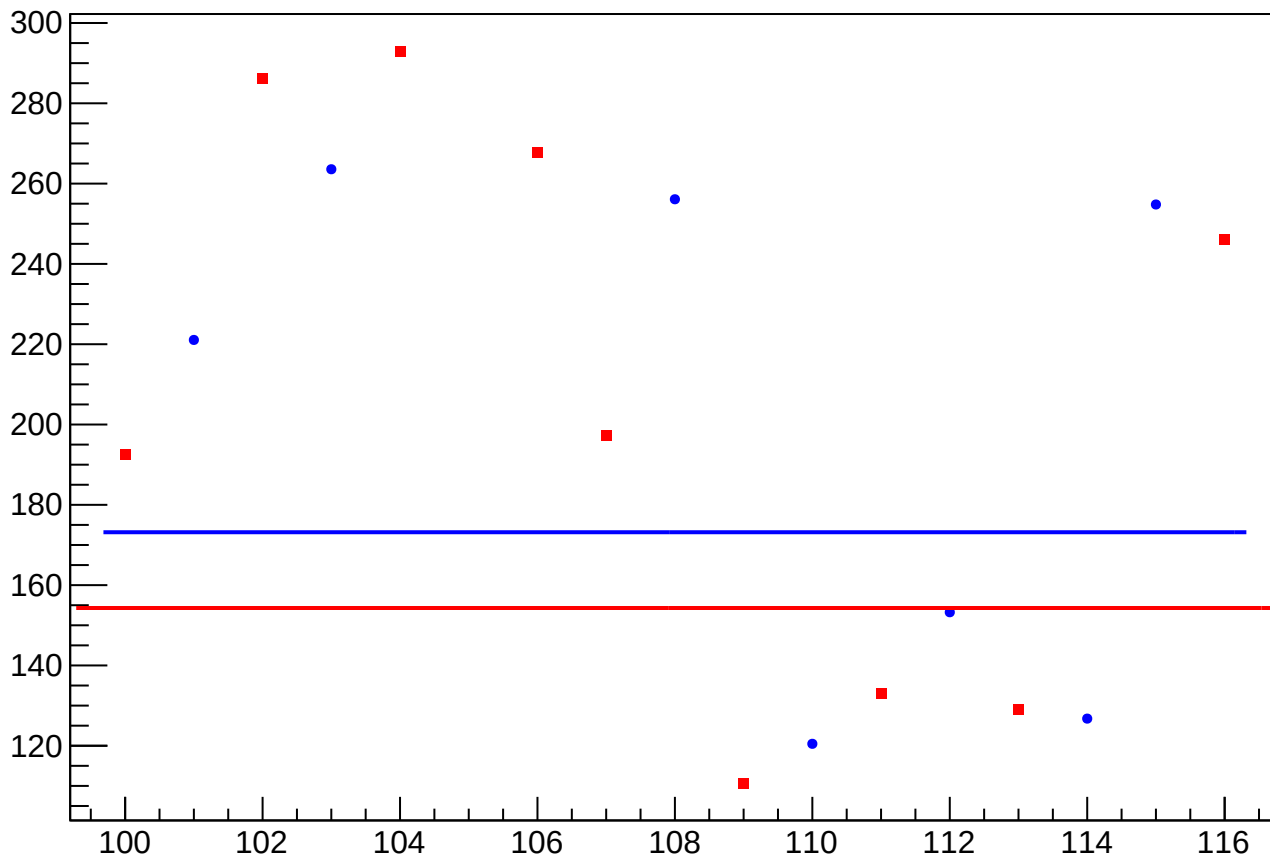
Right: -70.732 ± 70.189 χ^2/NDF : 10.8/15

In: -24.061 ± 110.470 χ^2/NDF : 3.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.732 ± 70.189 χ^2/NDF : 10.8/15

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 173.175+/-0.078 χ^2/NDF : 492970.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.307+/-0.064 χ^2/NDF : 900930.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

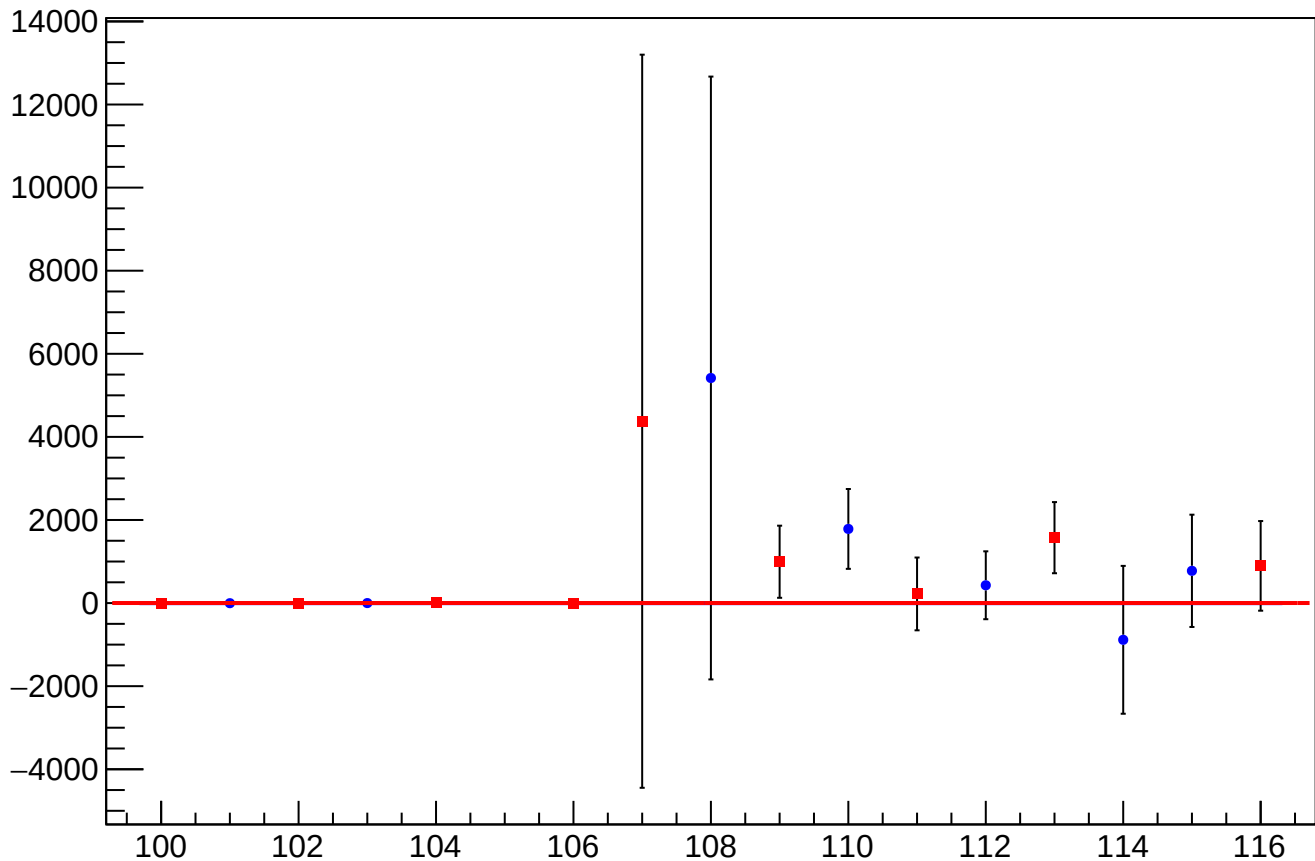
Right: 161.924+/-0.050 χ^2/NDF : 1428692.0/15

In: 173.175+/-0.078 χ^2/NDF : 492970.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.924+/-0.050 χ^2/NDF : 1428692.0/15

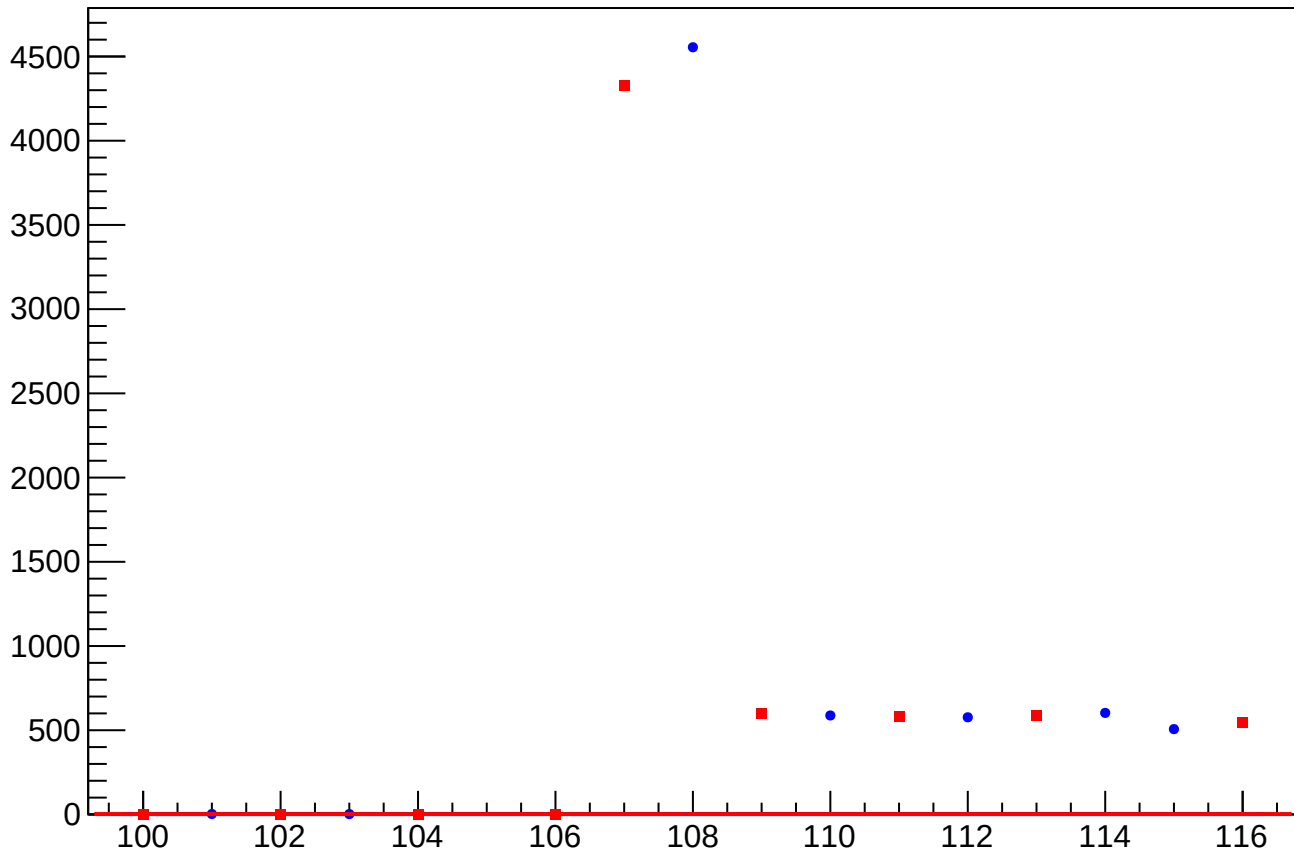
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.205+/-2.171 χ^2/NDF : 5.3/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.381+/-2.022 χ^2/NDF : 10.9/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.180+/-1.480 χ^2/NDF : 16.9/15
 In: -1.205+/-2.171 χ^2/NDF : 5.3/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.180+/-1.480 χ^2/NDF : 16.9/15

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.439+/-0.002 χ^2/NDF : 3039119.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.434+/-0.001 χ^2/NDF : 3764931.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

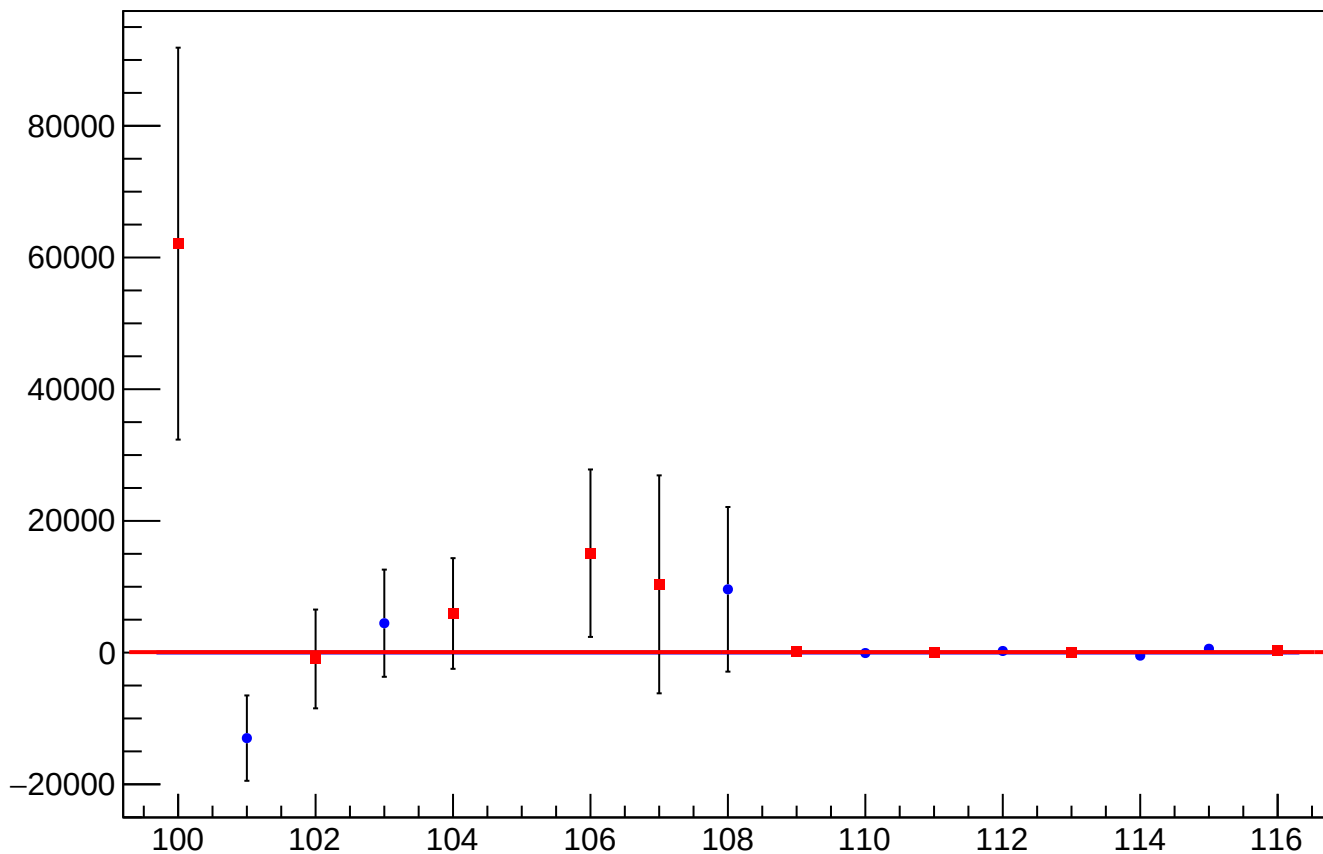
Right: 2.437+/-0.001 χ^2/NDF : 6804056.7/15

In: 2.439+/-0.002 χ^2/NDF : 3039119.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.437+/-0.001 χ^2/NDF : 6804056.7/15

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 20.034+/-137.993 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.845+/-117.010 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

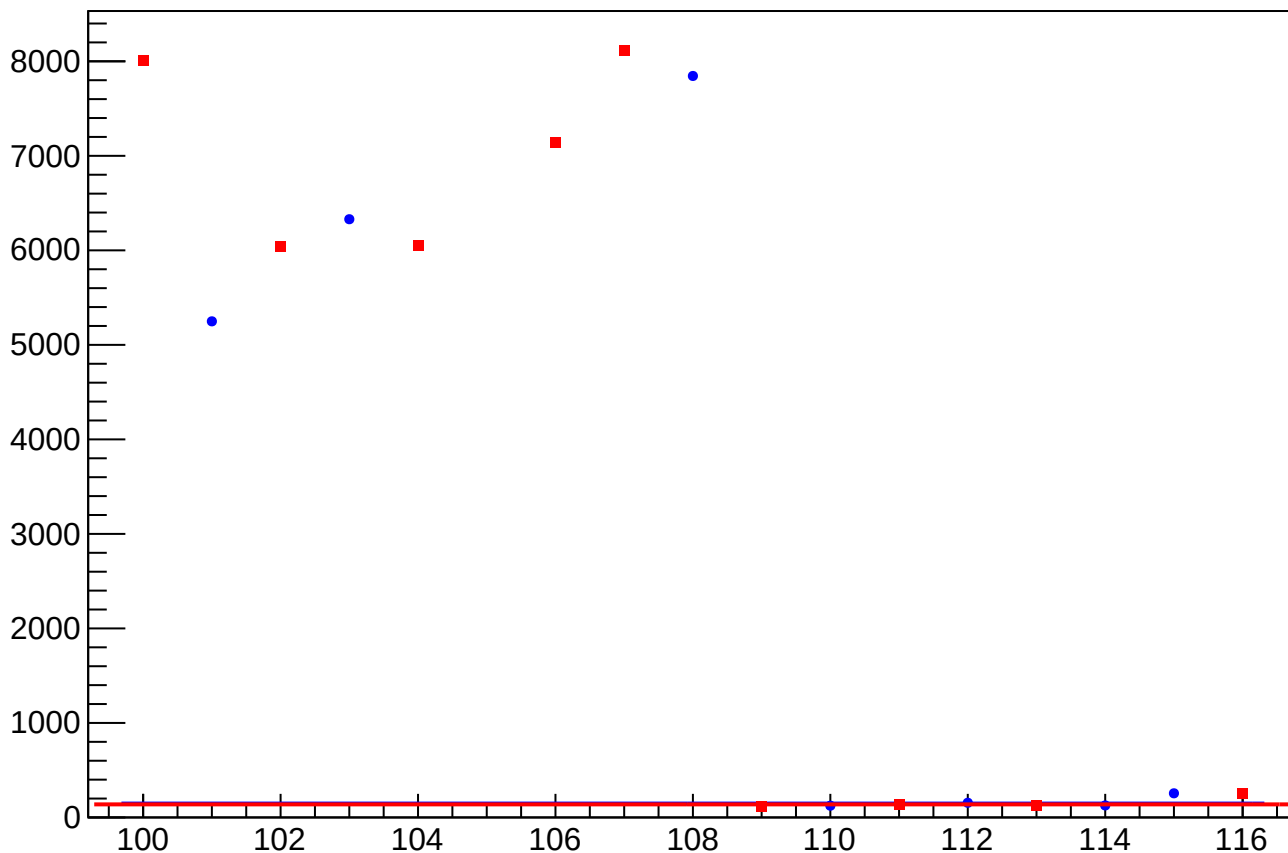
Right: 50.756+/-89.245 χ^2/NDF : 16.2/15

In: 20.034+/-137.993 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.756+/-89.245 χ^2/NDF : 16.2/15

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 146.710+/-0.098 χ^2/NDF : 3232818.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 138.362+/-0.083 χ^2/NDF : 3562796.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

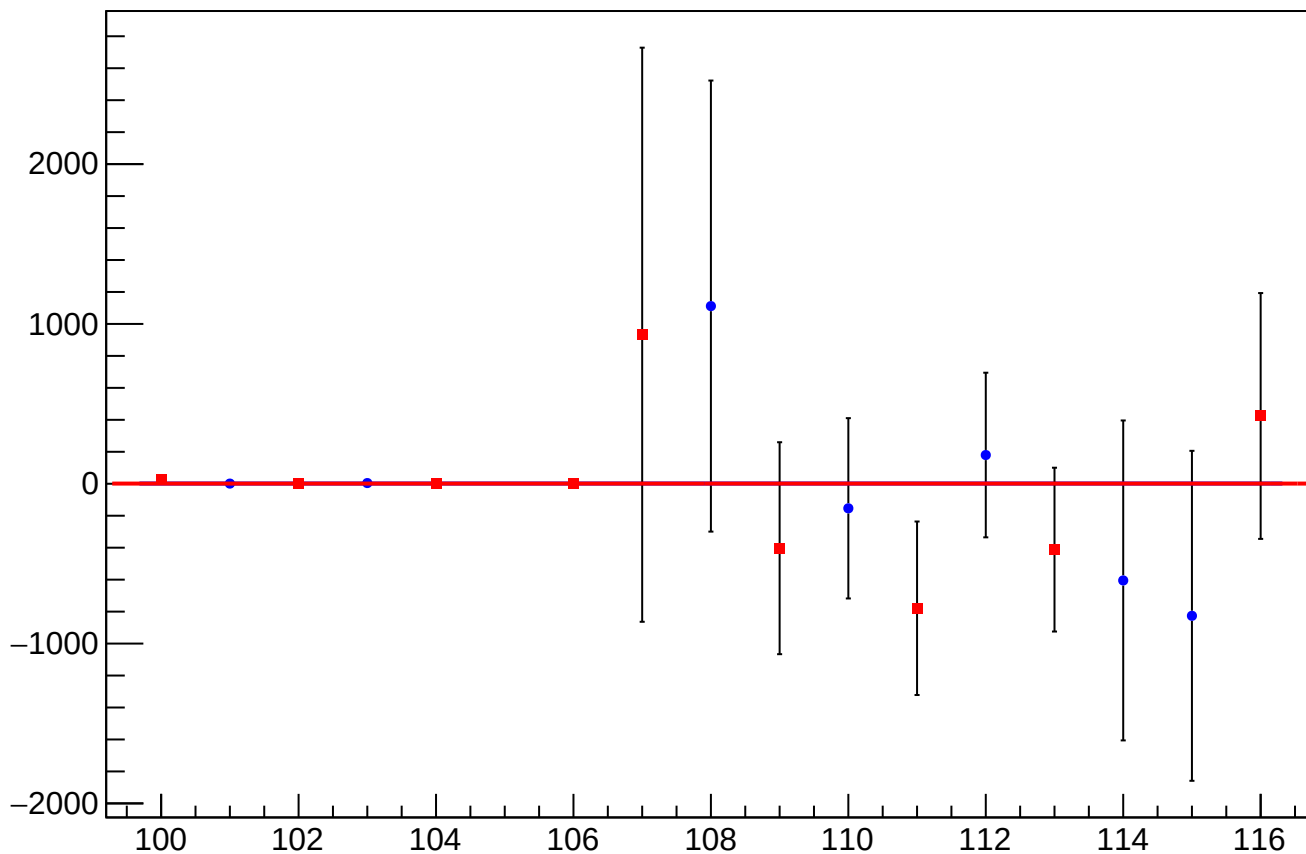
Right: 141.854+/-0.063 χ^2/NDF : 6799872.8/15

In: 146.710+/-0.098 χ^2/NDF :3232818.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 141.854+/-0.063 χ^2/NDF : 6799872.8/15

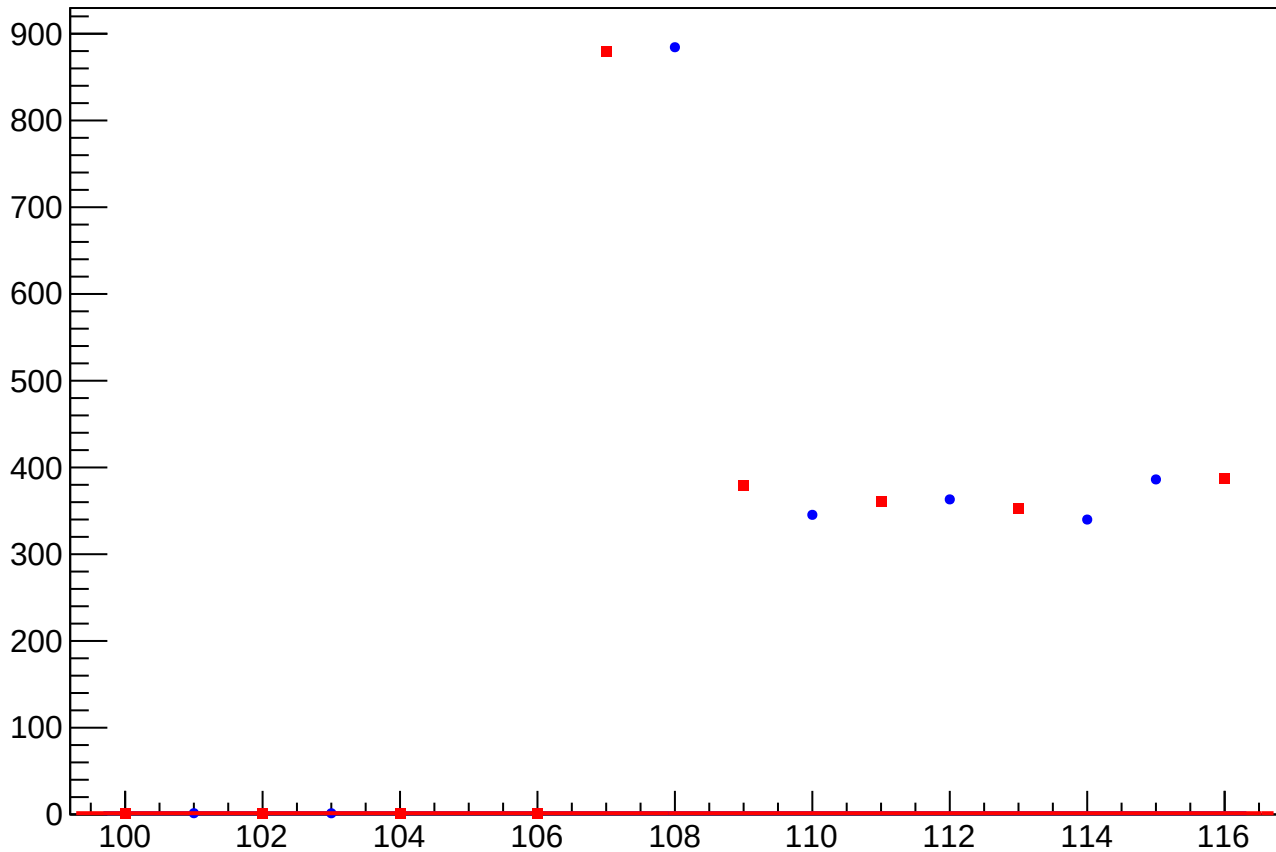
asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.442 $\pm$ 1.660 χ^2 /NDF: 2.3/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 1.104 $\pm$ 1.528 χ^2 /NDF: 6.2/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 1.259 $\pm$ 1.124 χ^2 /NDF: 8.4/15
 In: 1.442 $\pm$ 1.660 χ^2 /NDF: 2.3/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.259 $\pm$ 1.124 χ^2 /NDF: 8.4/15

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.439+/-0.001 χ^2/NDF : 3020577.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.443+/-0.001 χ^2/NDF : 3447337.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

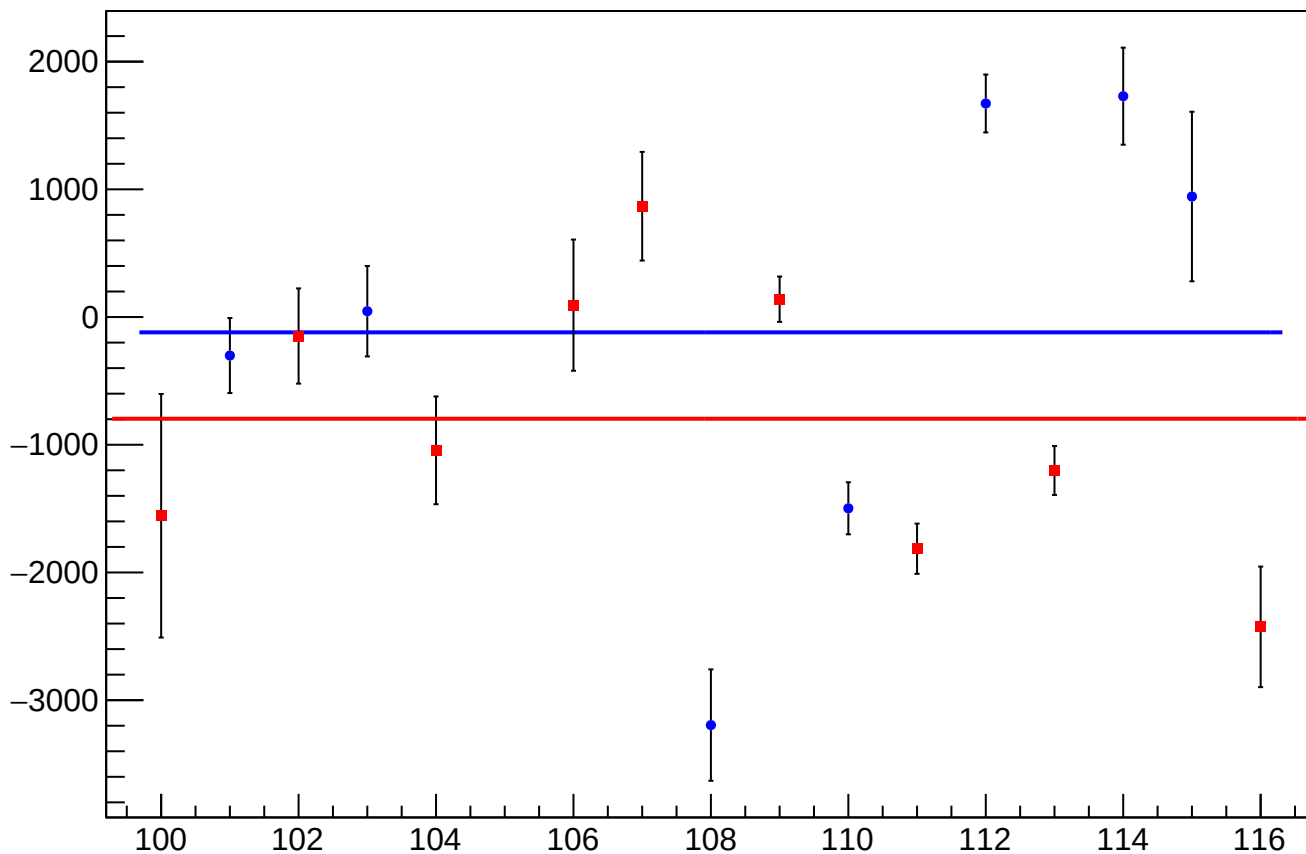
Right: 1.441+/-0.001 χ^2/NDF : 6467921.7/15

In: 1.439+/-0.001 χ^2/NDF : 3020577.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.441+/-0.001 χ^2/NDF : 6467921.7/15

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -119.866 ± 113.543 χ^2/NDF : 184.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -796.203 ± 94.248 χ^2/NDF : 93.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

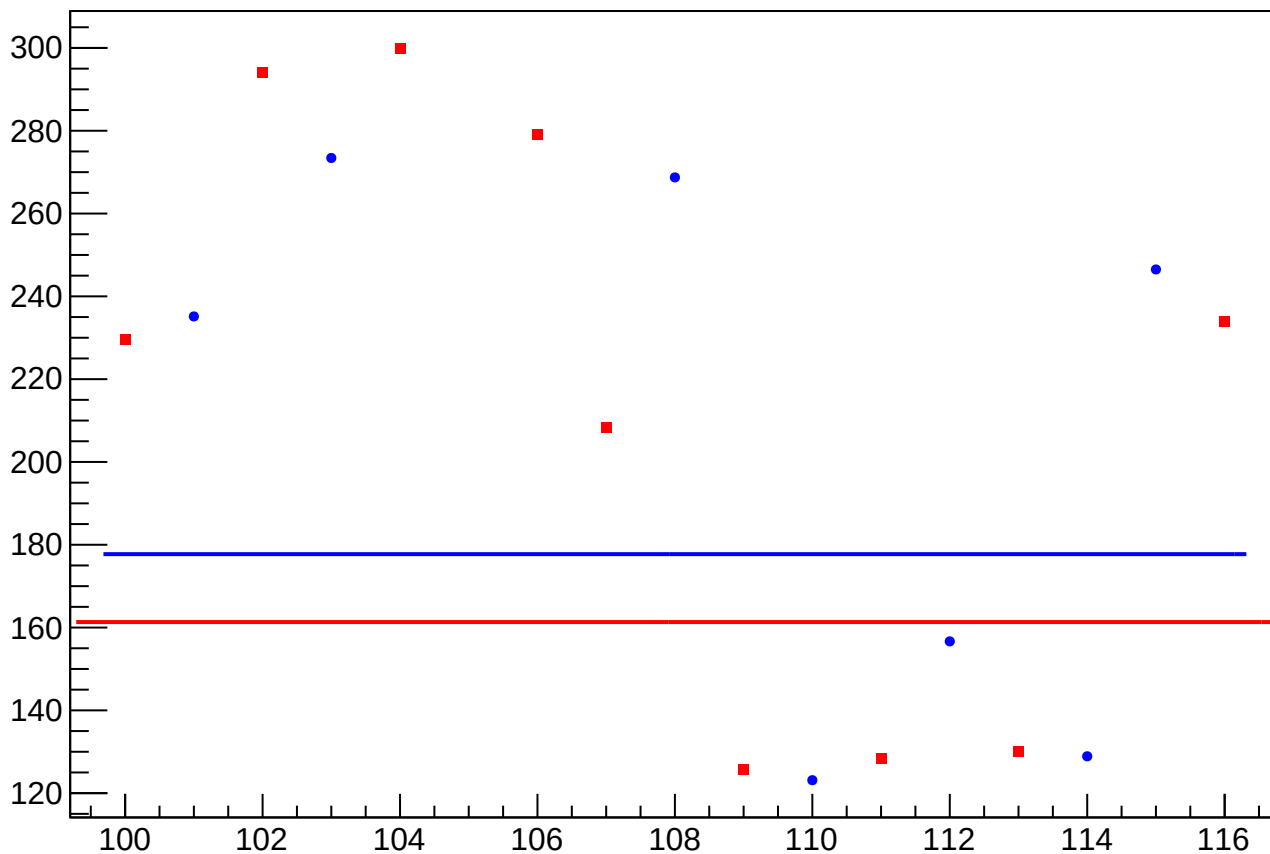
Right: -520.301 ± 72.520 χ^2/NDF : 299.1/15

In: -119.866 ± 113.543 χ^2/NDF : 184.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -520.301 ± 72.520 χ^2/NDF : 299.1/15

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 177.732+/-0.080 χ^2/NDF : 524890.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.330+/-0.067 χ^2/NDF : 846528.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

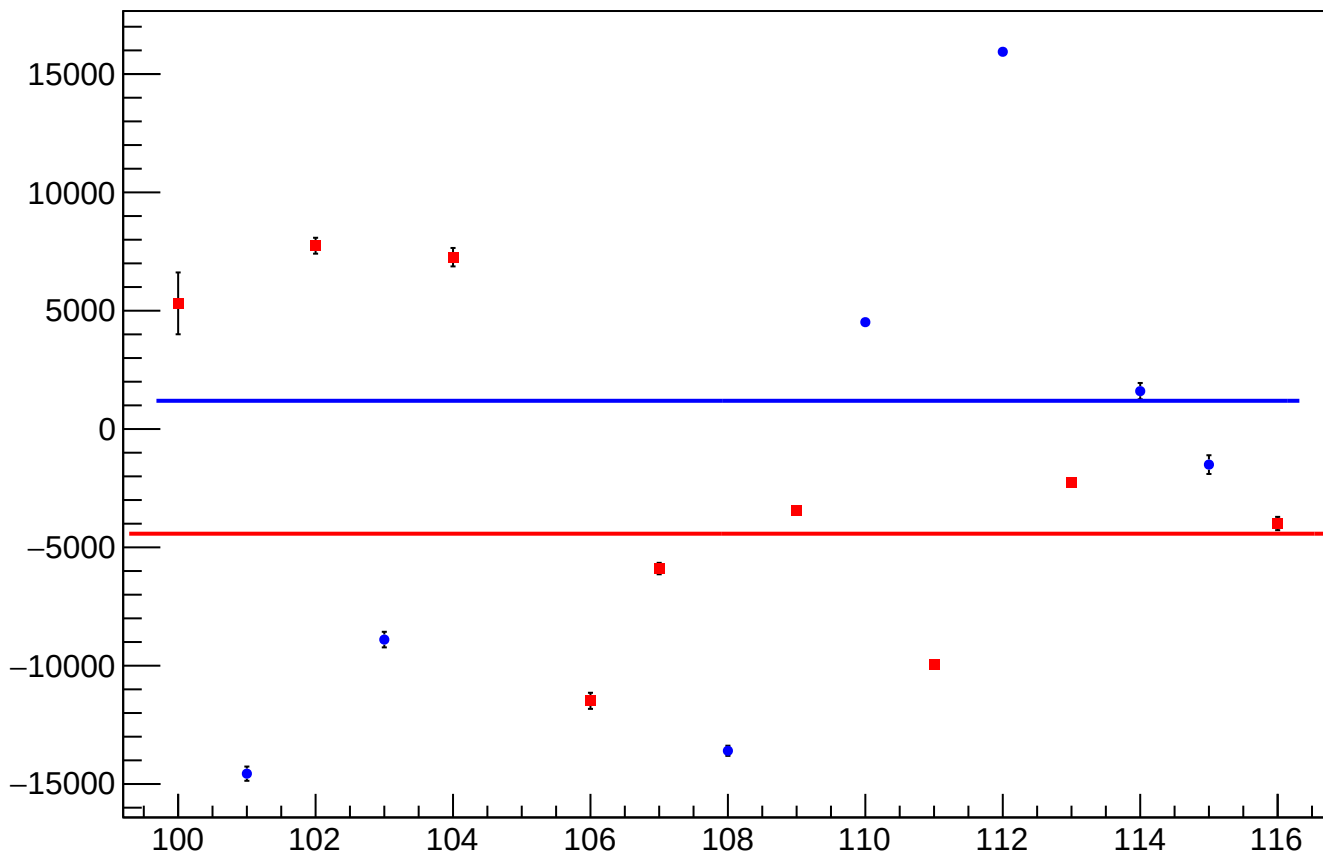
Right: 168.021+/-0.051 χ^2/NDF : 1396129.3/15

In: 177.732+/-0.080 χ^2/NDF : 524890.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.021+/-0.051 χ^2/NDF : 1396129.3/15

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1193.485+/-90.095 χ^2/NDF : 16050.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4422.833+/-76.476 χ^2/NDF : 4214.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

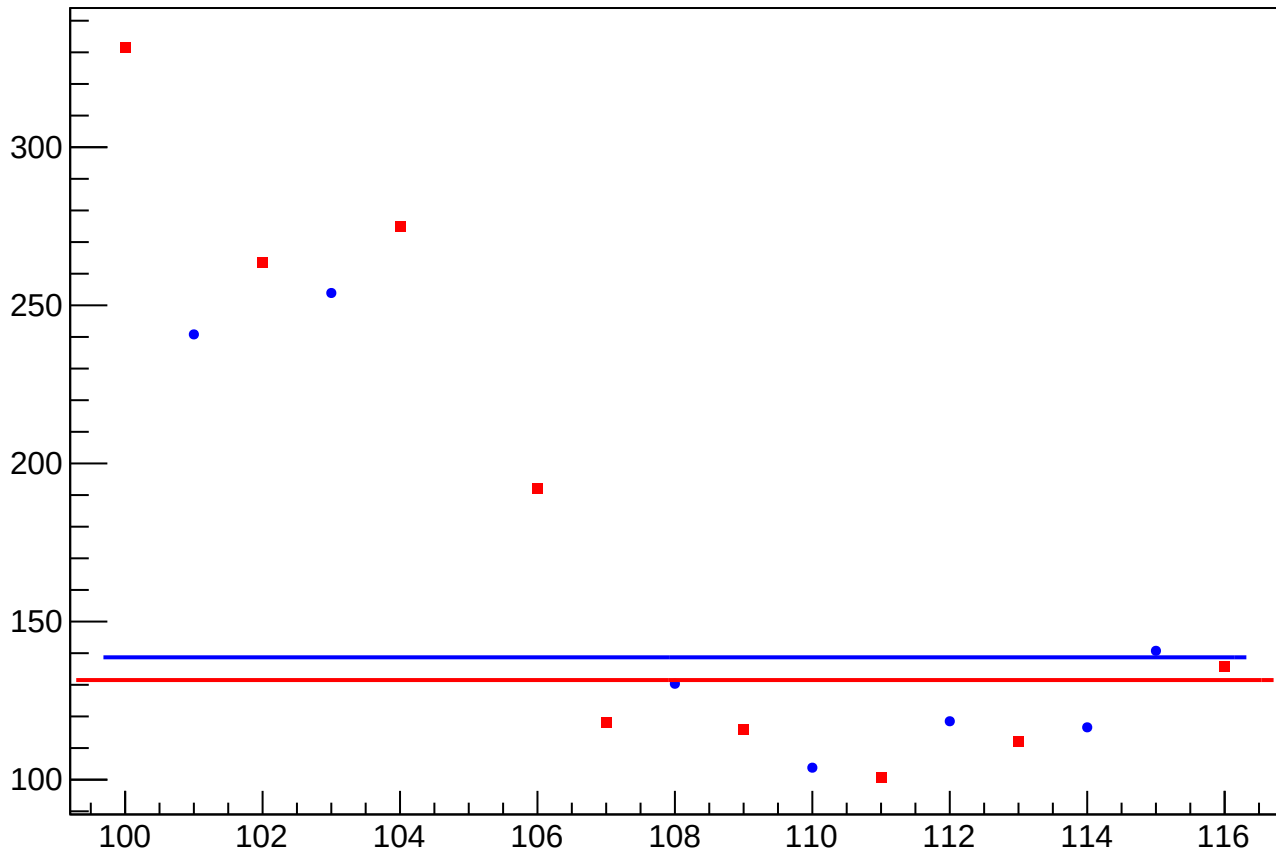
Right: -2070.840+/-58.304 χ^2/NDF : 22523.7/15

In: 1193.485+/-90.095 χ^2/NDF : 16050.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2070.840+/-58.304 χ^2/NDF : 22523.7/15

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.695+/-0.064 χ^2/NDF : 594149.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.504+/-0.054 χ^2/NDF : 820797.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

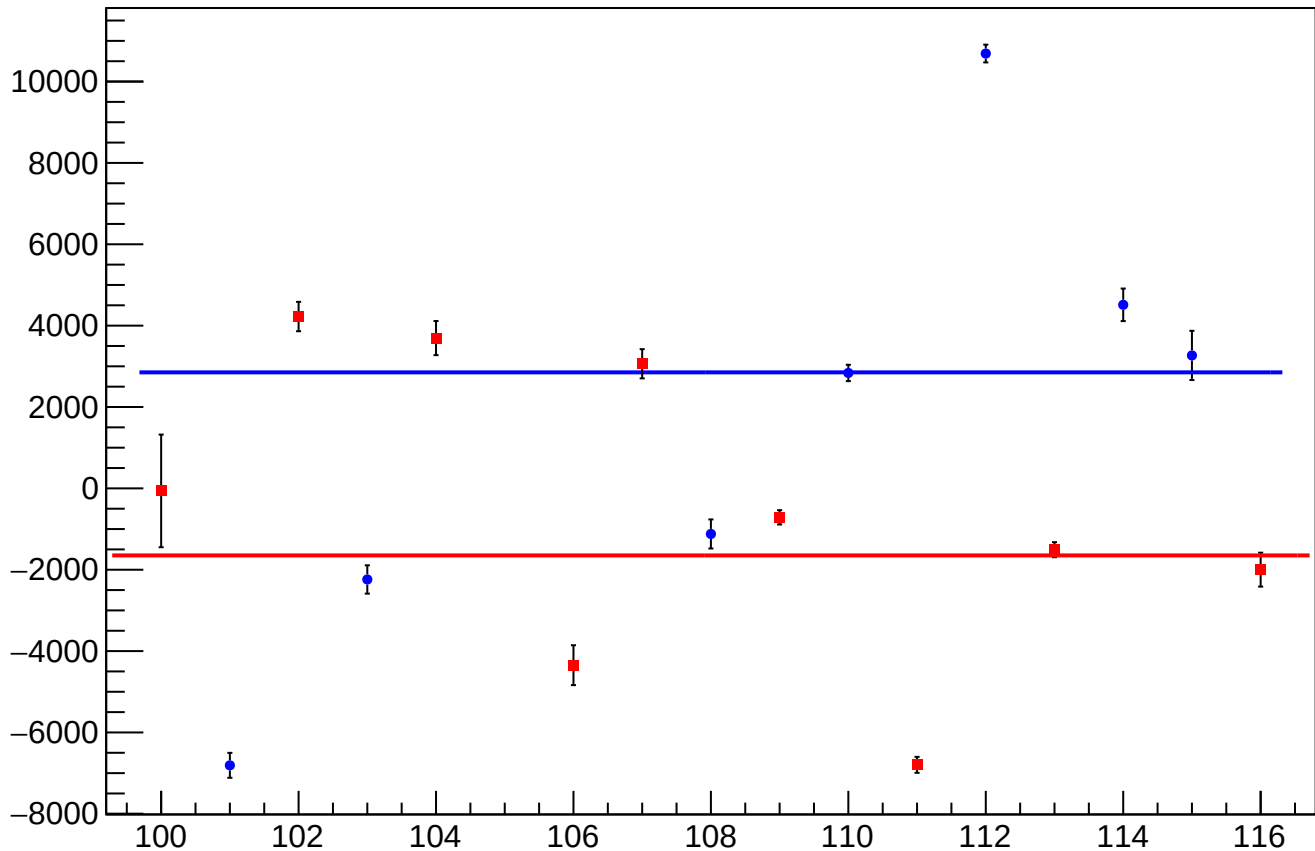
Right: 134.515+/-0.041 χ^2/NDF : 1422352.2/15

In: 138.695+/-0.064 χ^2/NDF : 594149.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.515+/-0.041 χ^2/NDF : 1422352.2/15

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.810+/-110.739 χ^2/NDF : 2639.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1648.181+/-91.608 χ^2/NDF : 1349.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

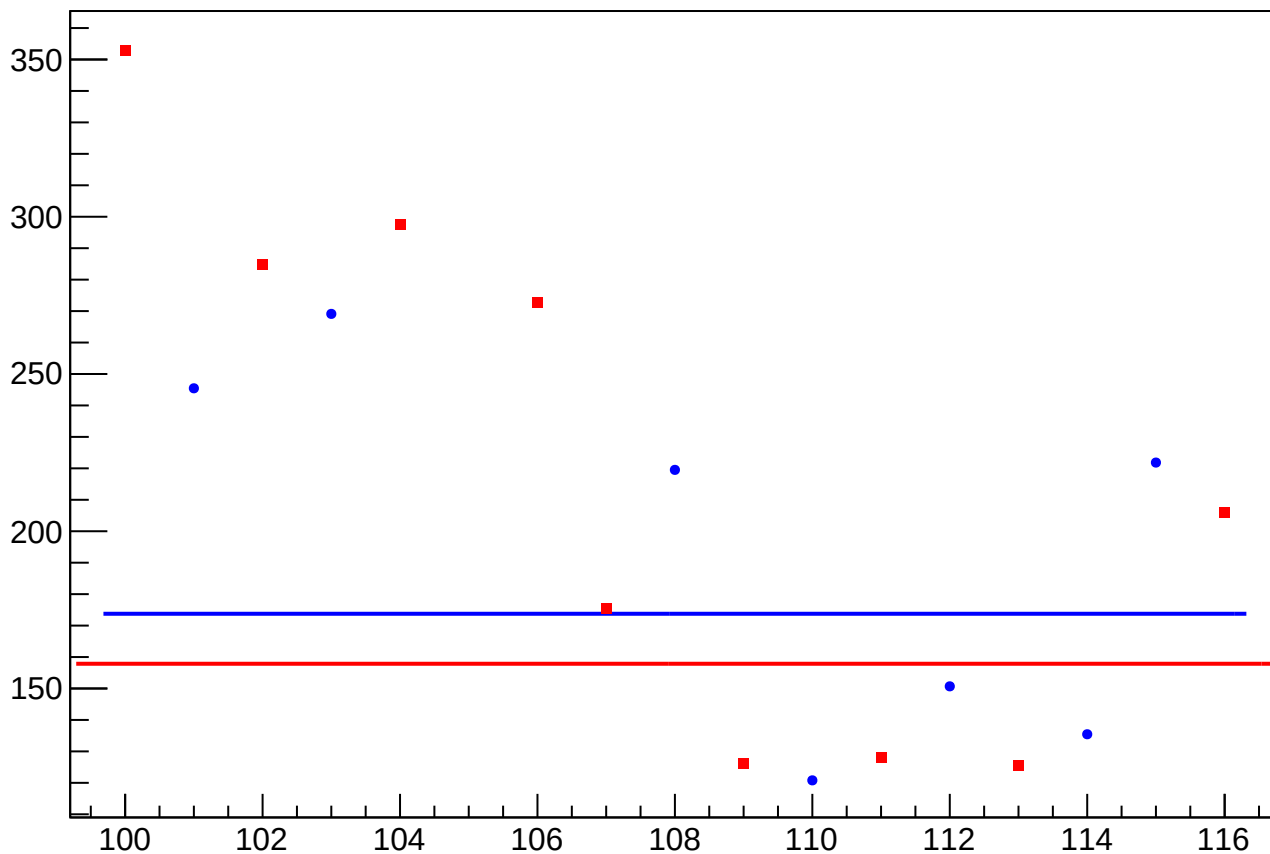
Right: 180.134+/-70.586 χ^2/NDF : 4969.4/15

In: 2851.810+/-110.739 χ^2/NDF : 2639.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.134+/-70.586 χ^2/NDF : 4969.4/15

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 173.761+/-0.078 χ^2/NDF : 484747.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.865+/-0.065 χ^2/NDF : 823783.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

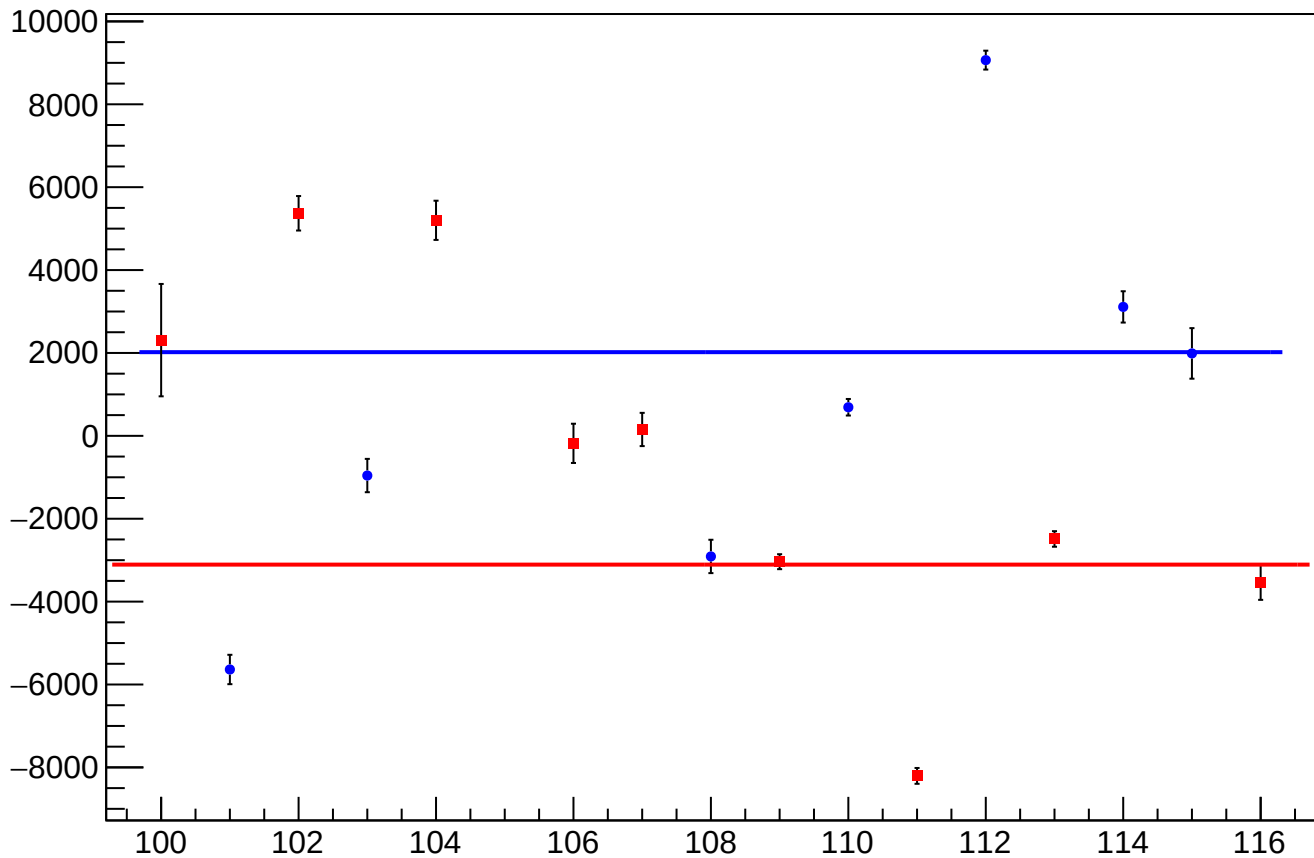
Right: 164.323+/-0.050 χ^2/NDF : 1332998.1/15

In: 173.761+/-0.078 χ^2/NDF : 484747.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.323+/-0.050 χ^2/NDF : 1332998.1/15

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2019.221+/-115.990 χ^2/NDF : 1680.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3107.199+/-93.854 χ^2/NDF : 1568.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

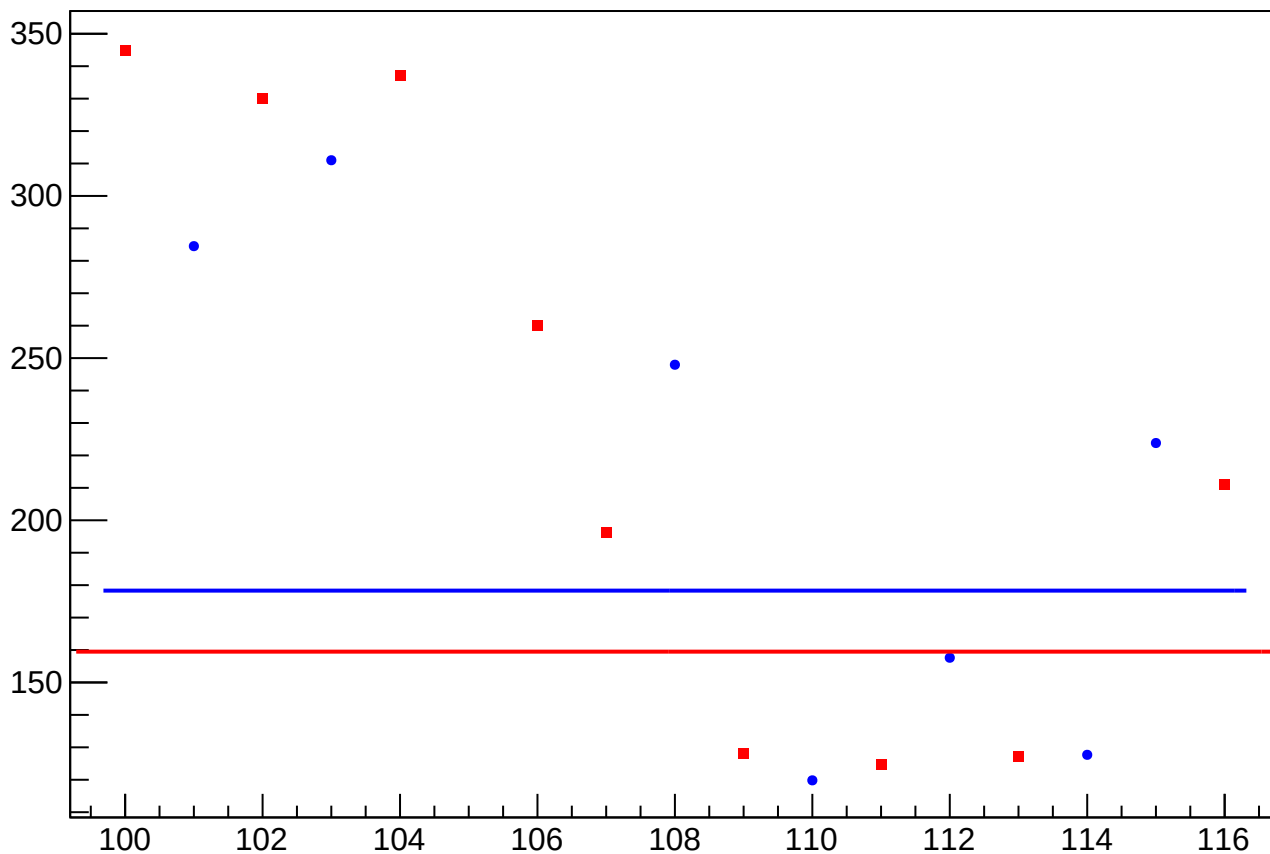
Right: -1078.801+/-72.961 χ^2/NDF : 4429.6/15

In: 2019.221+/-115.990 χ^2/NDF :1680.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1078.801+/-72.961 χ^2/NDF : 4429.6/15

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 178.315+/-0.082 χ^2/NDF : 692375.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.500+/-0.066 χ^2/NDF : 978186.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

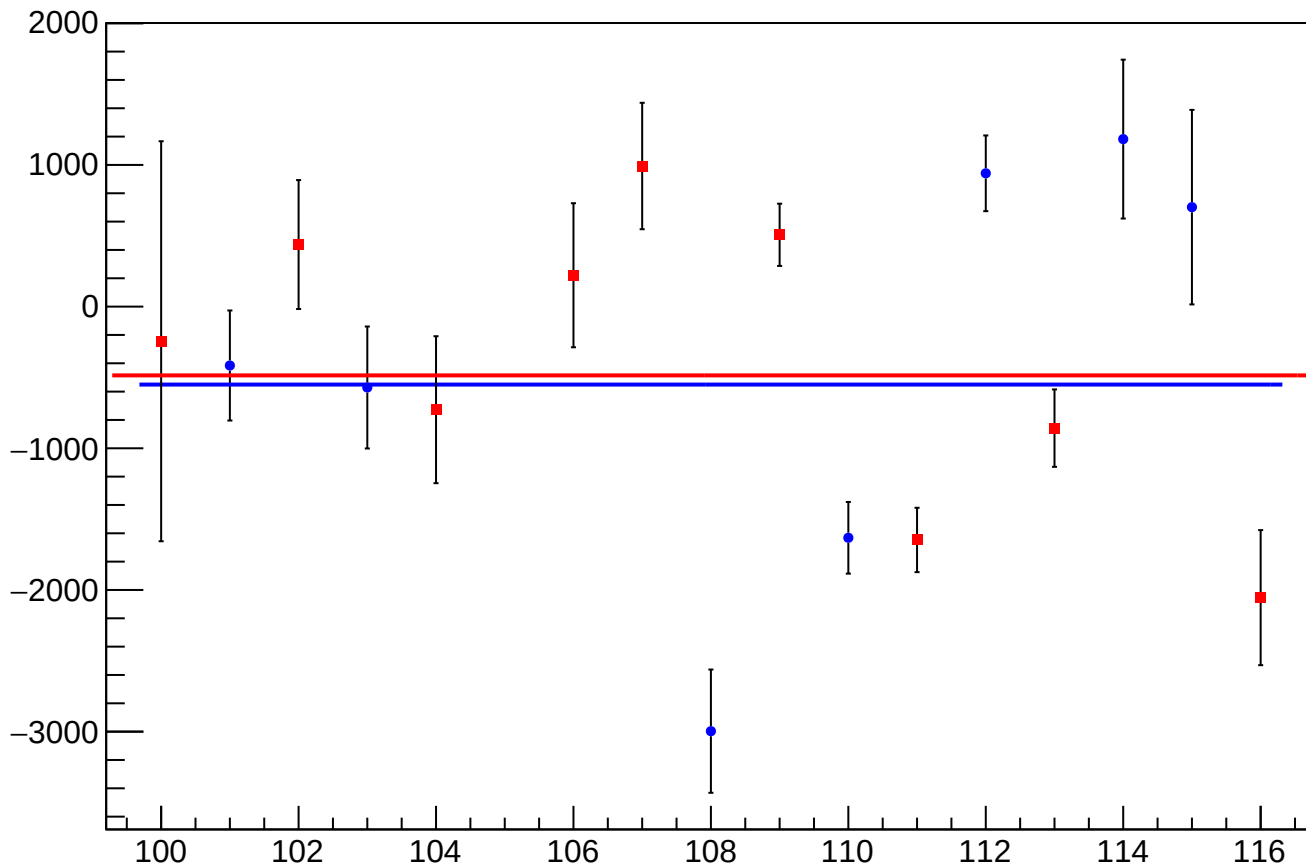
Right: 166.945+/-0.052 χ^2/NDF : 1702363.5/15

In: 178.315+/-0.082 χ^2/NDF : 692375.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.945+/-0.052 χ^2/NDF : 1702363.5/15

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -550.264+/-138.334 χ^2/NDF : 94.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.482+/-114.818 χ^2/NDF : 76.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

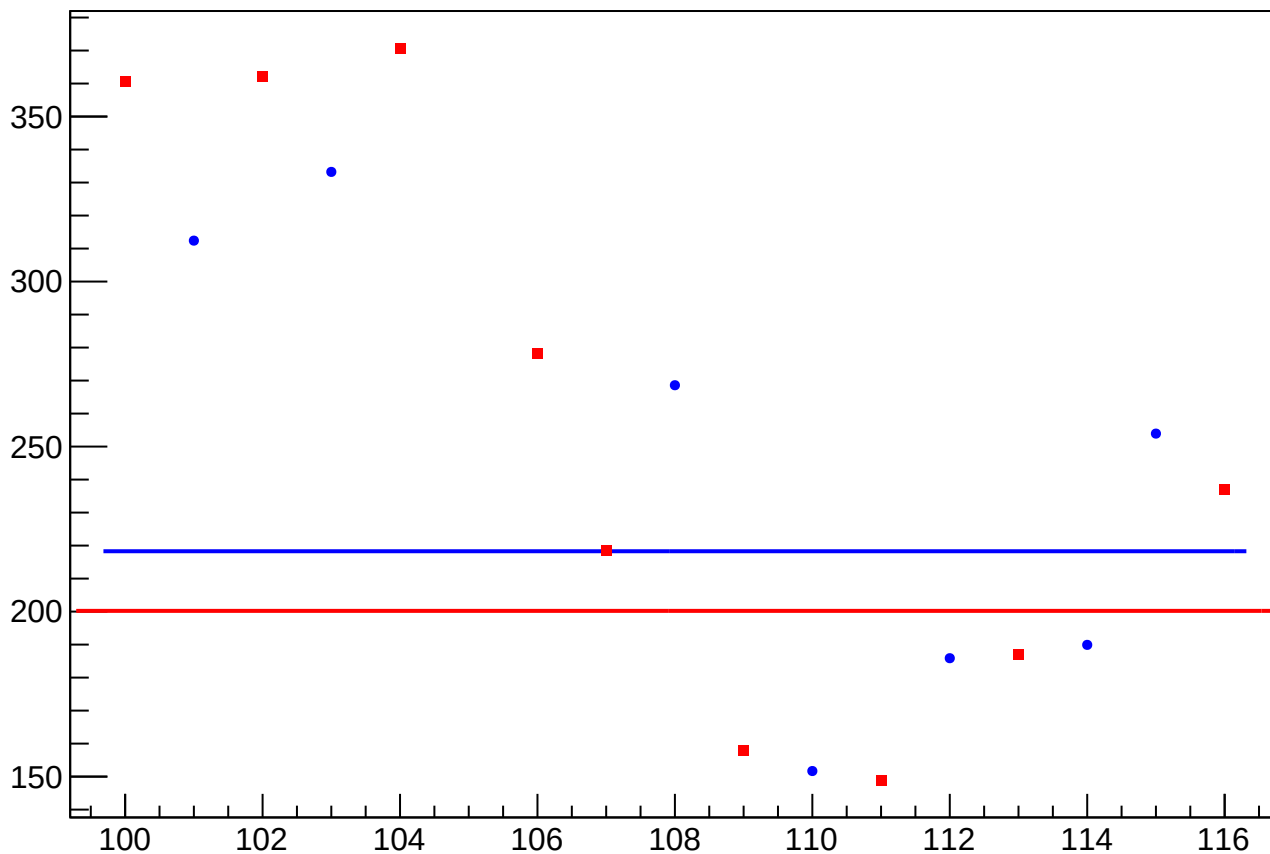
Right: -511.907+/-88.350 χ^2/NDF : 170.7/15

In: -550.264+/-138.334 χ^2/NDF : 94.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.907+/-88.350 χ^2/NDF : 170.7/15

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 218.287+/-0.098 χ^2/NDF : 465398.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.218+/-0.081 χ^2/NDF : 737269.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

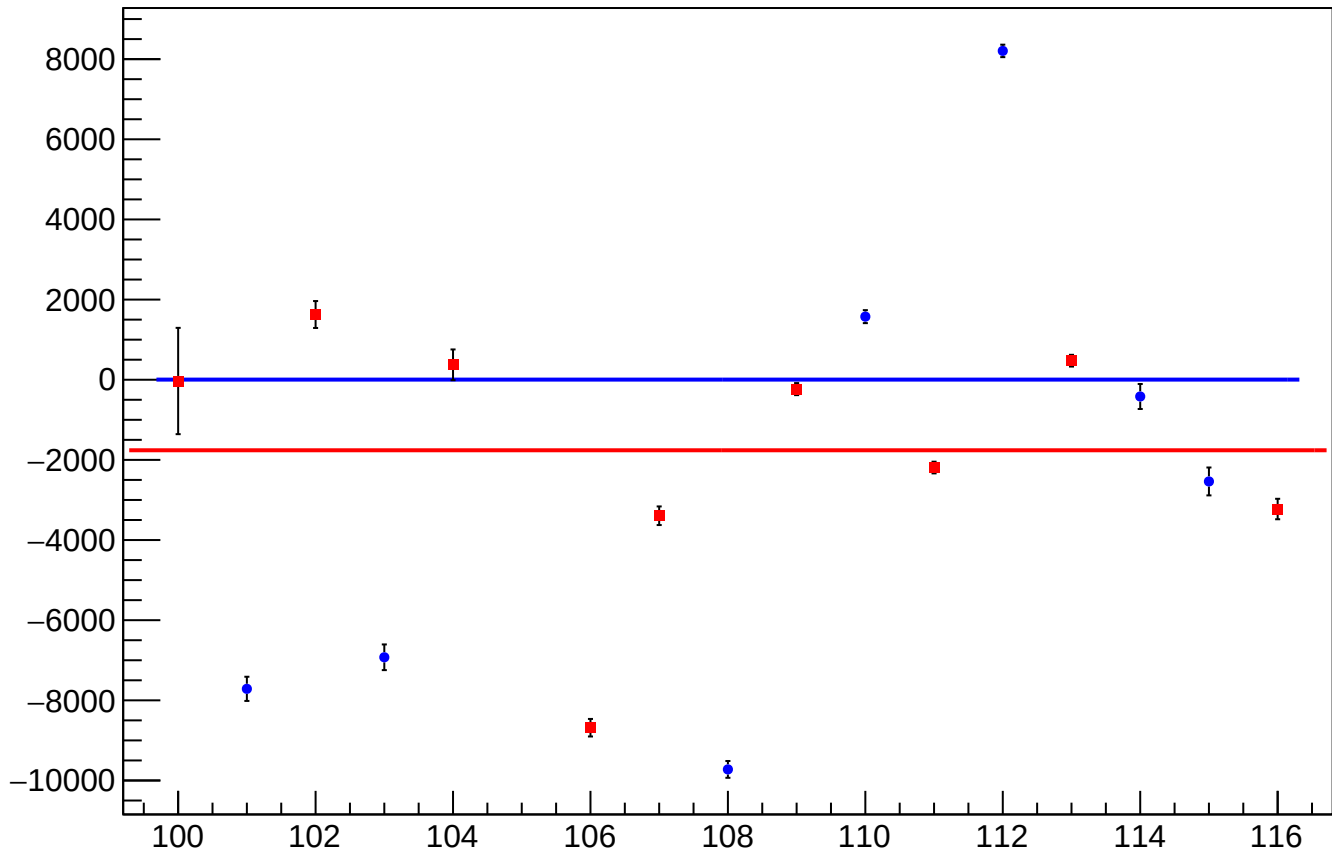
Right: 207.589+/-0.062 χ^2/NDF : 1222870.0/15

In: 218.287+/-0.098 χ^2/NDF : 465398.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.589+/-0.062 χ^2/NDF : 1222870.0/15

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 3.393+/-84.098 χ^2/NDF : 6203.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1760.005+/-69.167 χ^2/NDF : 1562.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

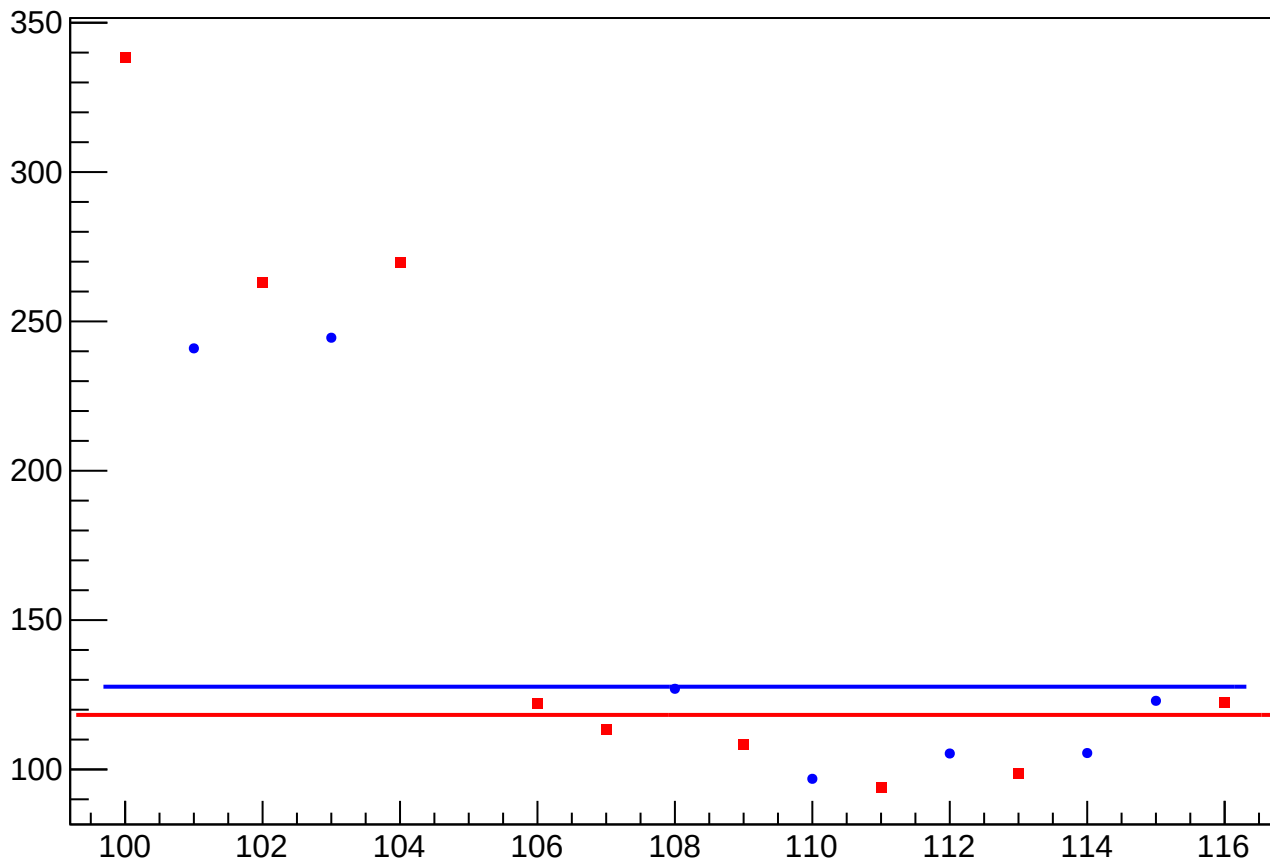
Right: -1048.479+/-53.420 χ^2/NDF : 8028.3/15

In: 3.393+/-84.098 χ^2/NDF : 6203.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1048.479+/-53.420 χ^2/NDF : 8028.3/15

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 127.701+/-0.059 χ^2/NDF : 671818.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.256+/-0.049 χ^2/NDF : 842044.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

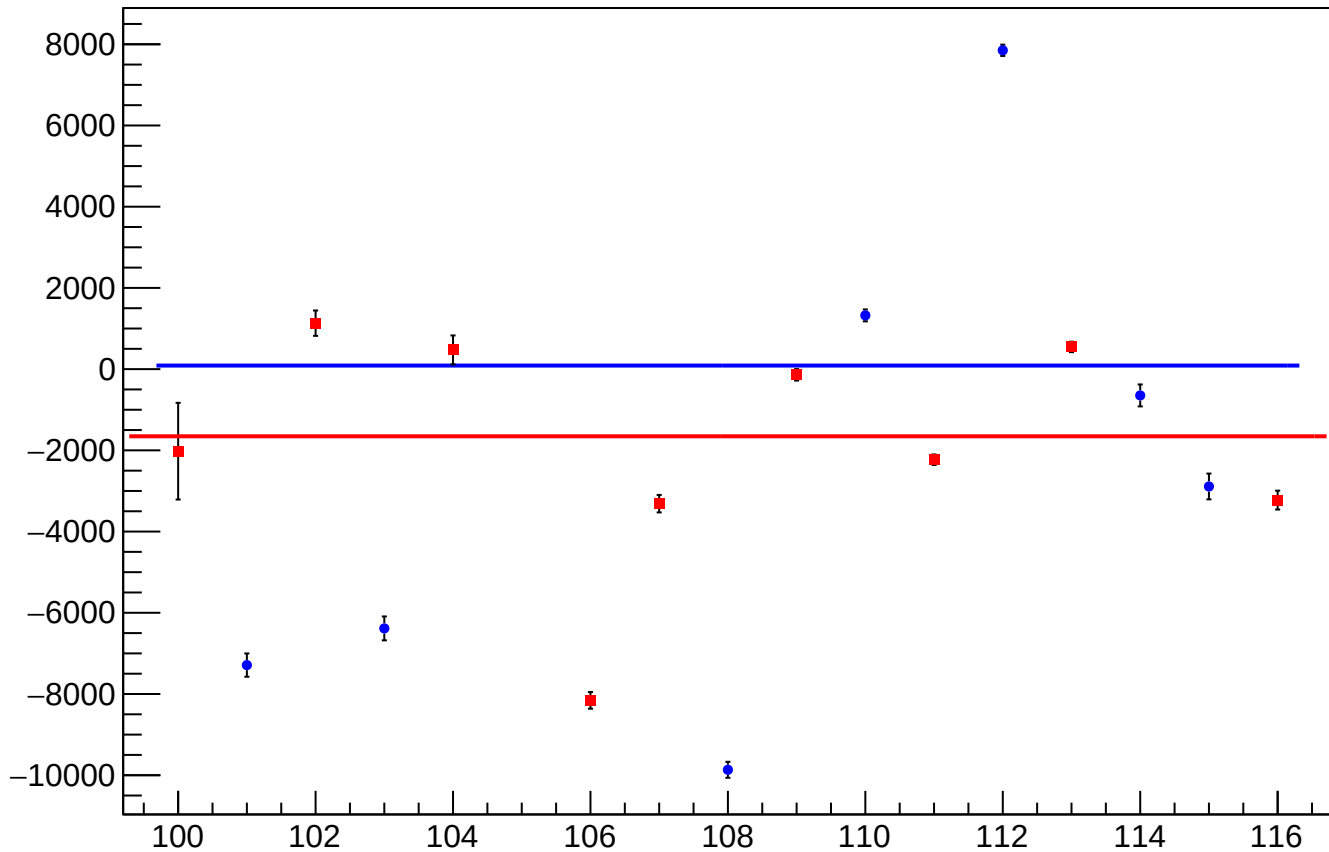
Right: 122.067+/-0.038 χ^2/NDF : 1528911.9/15

In: 127.701+/-0.059 χ^2/NDF : 671818.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.067+/-0.038 χ^2/NDF : 1528911.9/15

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 87.859+/-76.332 χ^2/NDF : 6994.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1653.727+/-62.887 χ^2/NDF : 1651.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

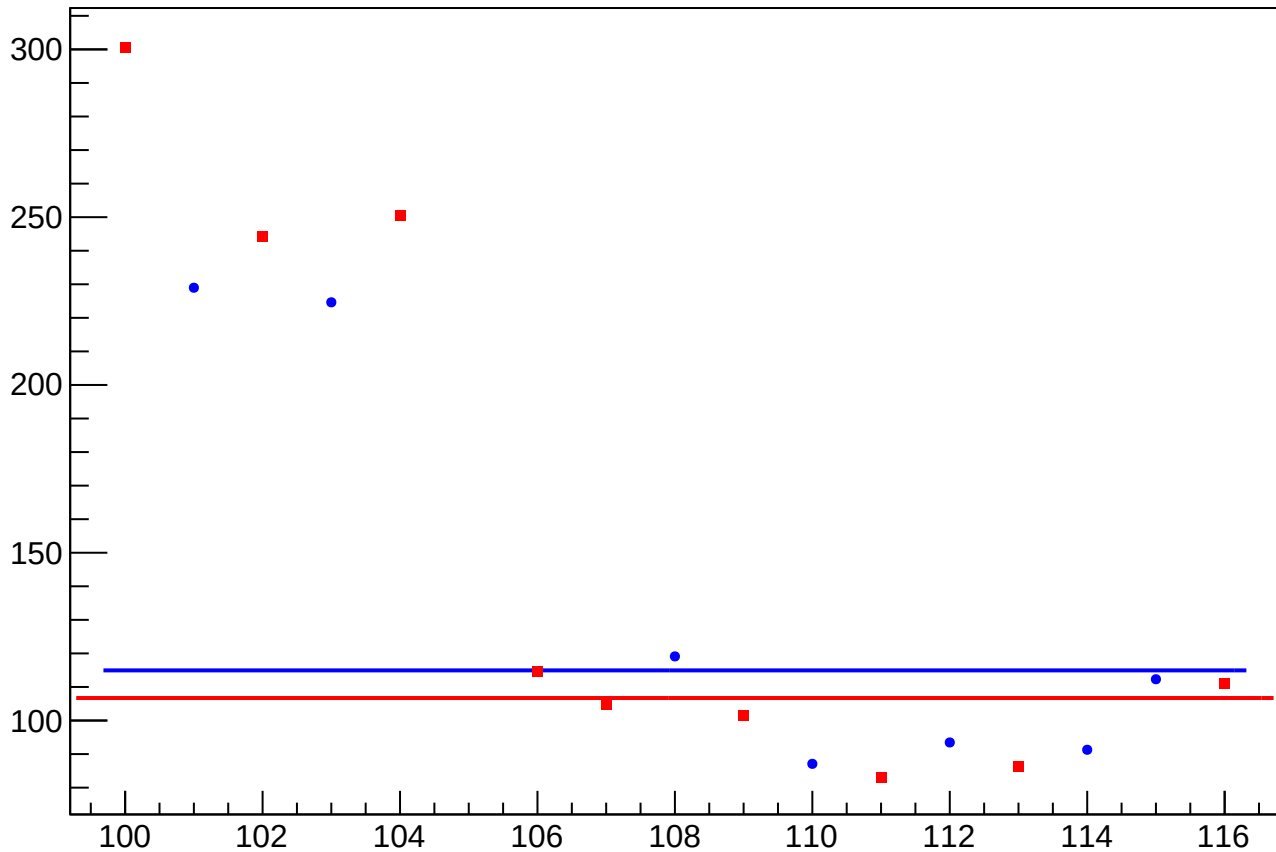
Right: -949.581+/-48.536 χ^2/NDF : 8955.5/15

In: 87.859+/-76.332 χ^2/NDF : 6994.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -949.581+/-48.536 χ^2/NDF : 8955.5/15

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 114.942 $\pm$ 0.054 χ^2 /NDF: 731235.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.707 $\pm$ 0.044 χ^2 /NDF: 889123.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

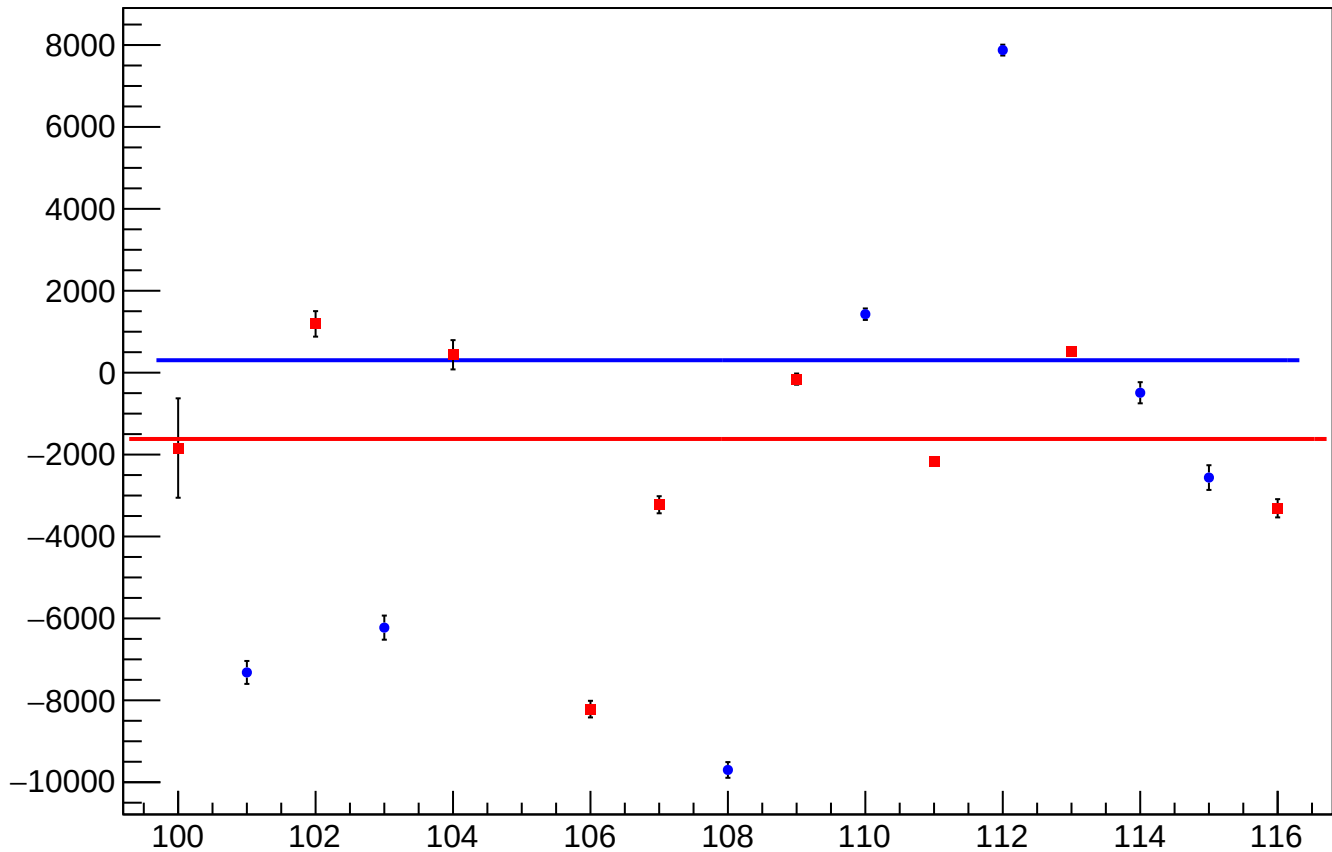
Right: 110.037 $\pm$ 0.034 χ^2 /NDF: 1634224.5/15

In: 114.942 $\pm$ 0.054 χ^2 /NDF:731235.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.037 $\pm$ 0.034 χ^2 /NDF: 1634224.5/15

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 303.740+/-73.469 χ^2/NDF : 7374.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1618.802+/-60.125 χ^2/NDF : 1734.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

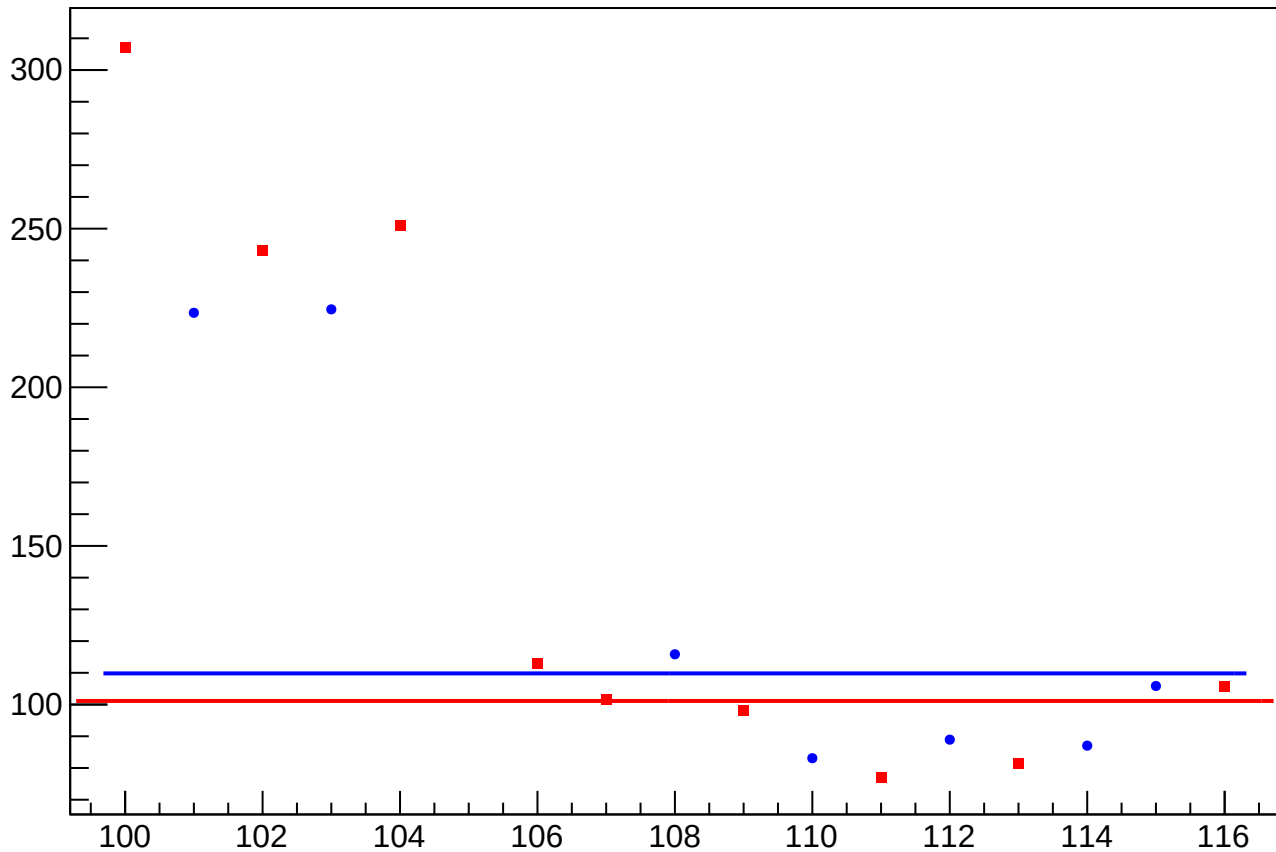
Right: -847.665+/-46.530 χ^2/NDF : 9519.2/15

In: 303.740+/-73.469 χ^2/NDF : 7374.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -847.665+/-46.530 χ^2/NDF : 9519.2/15

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 109.817 $\pm$ 0.052 χ^2 /NDF: 773160.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.128 $\pm$ 0.043 χ^2 /NDF: 967920.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

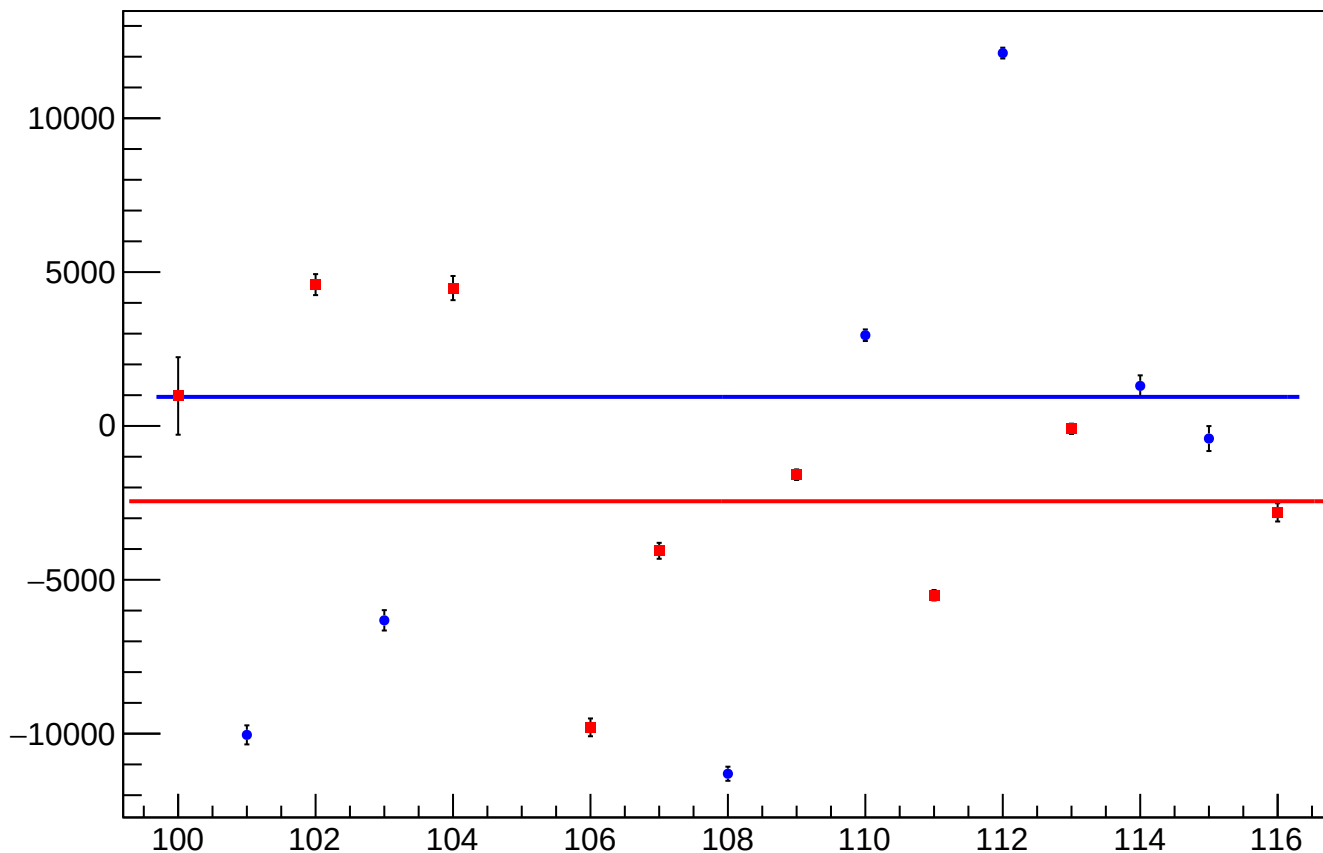
Right: 104.613 $\pm$ 0.033 χ^2 /NDF: 1757835.1/15

In: 109.817 $\pm$ 0.052 χ^2 /NDF: 773160.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.613 $\pm$ 0.033 χ^2 /NDF: 1757835.1/15

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 944.580+/-93.736 χ^2/NDF : 8770.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2447.308+/-79.349 χ^2/NDF : 1980.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

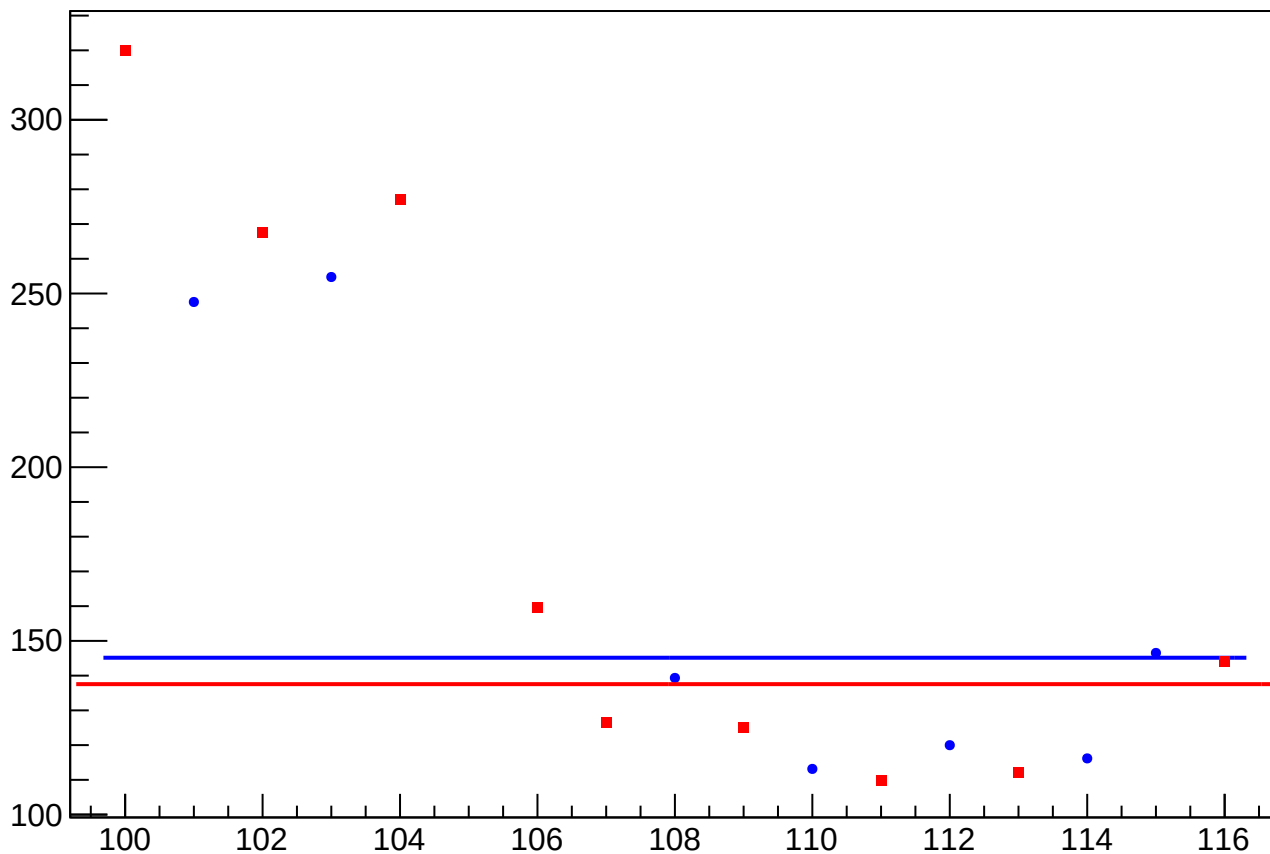
Right: -1031.370+/-60.563 χ^2/NDF : 11514.1/15

In: 944.580+/-93.736 χ^2/NDF : 8770.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1031.370+/-60.563 χ^2/NDF : 11514.1/15

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 145.154+/-0.066 χ^2/NDF : 552390.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.550+/-0.056 χ^2/NDF : 710545.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

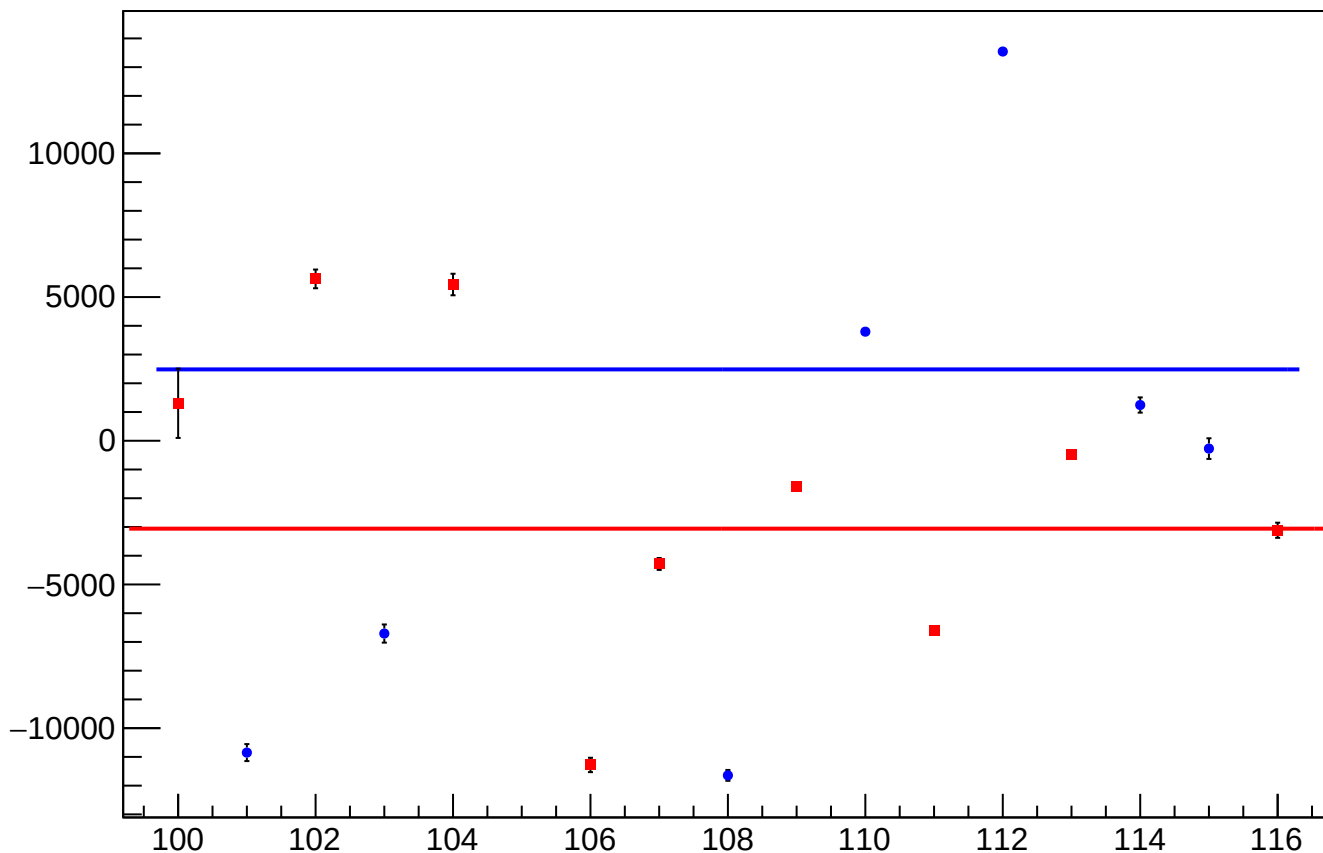
Right: 140.724+/-0.043 χ^2/NDF : 1270603.6/15

In: 145.154+/-0.066 χ^2/NDF : 552390.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.724+/-0.043 χ^2/NDF : 1270603.6/15

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 2483.161+/-75.112 χ^2/NDF : 15427.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3058.748+/-62.409 χ^2/NDF : 3743.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

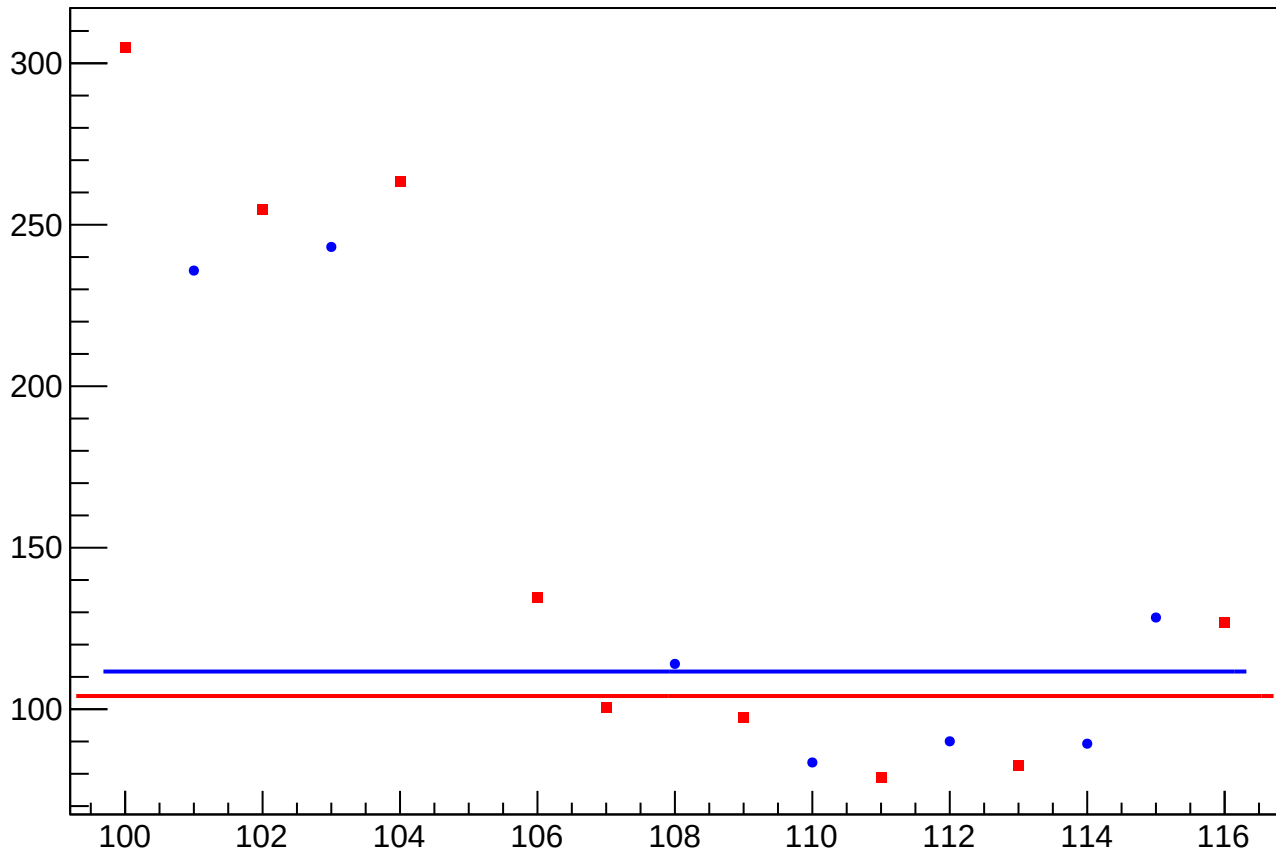
Right: -795.386+/-48.002 χ^2/NDF : 22391.1/15

In: 2483.161+/-75.112 χ^2/NDF :15427.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -795.386+/-48.002 χ^2/NDF : 22391.1/15

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 111.663+/-0.053 χ^2/NDF : 849328.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.082+/-0.044 χ^2/NDF : 1040563.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

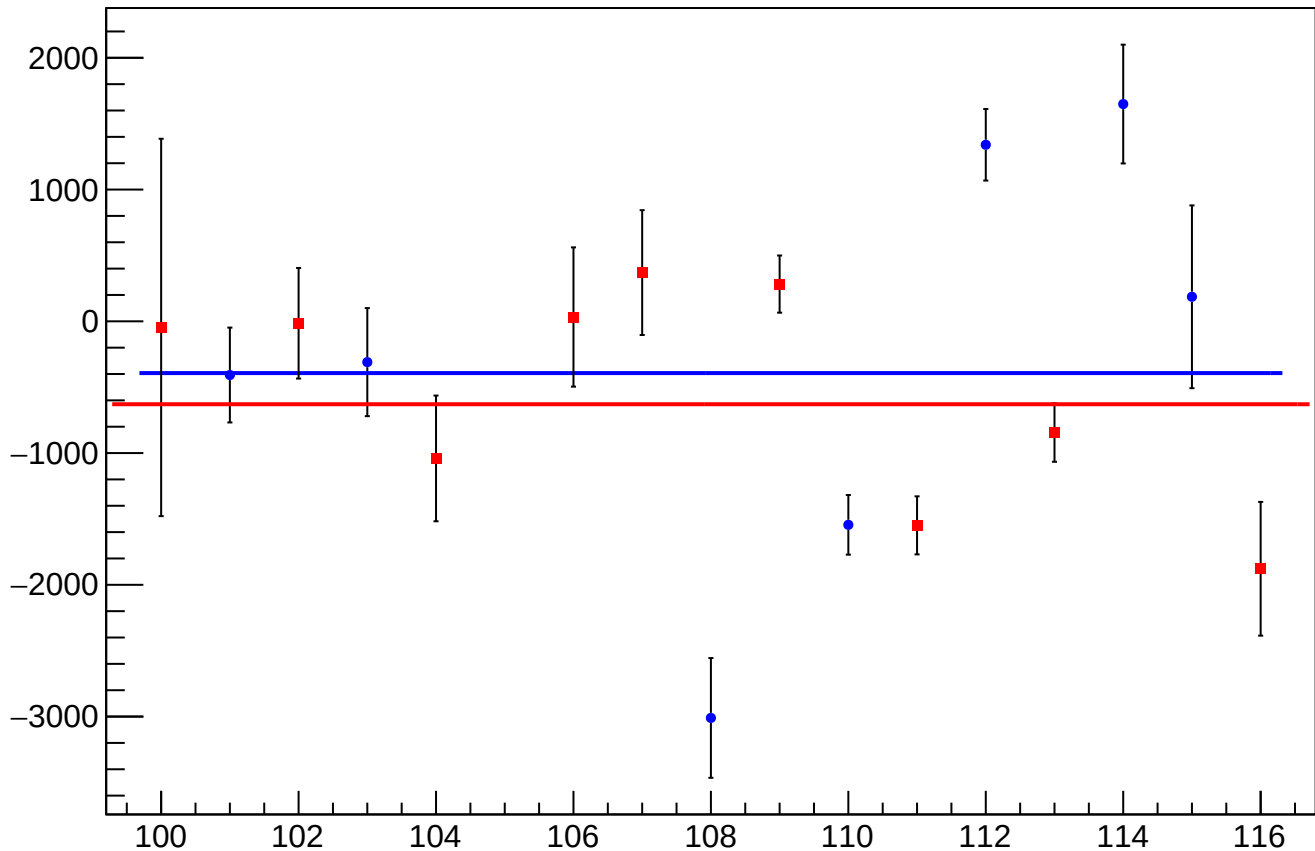
Right: 107.178+/-0.034 χ^2/NDF : 1901945.5/15

In: 111.663+/-0.053 χ^2/NDF : 849328.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.178+/-0.034 χ^2/NDF : 1901945.5/15

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -392.988+/-130.629 χ^2/NDF : 121.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -629.369+/-108.713 χ^2/NDF : 51.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

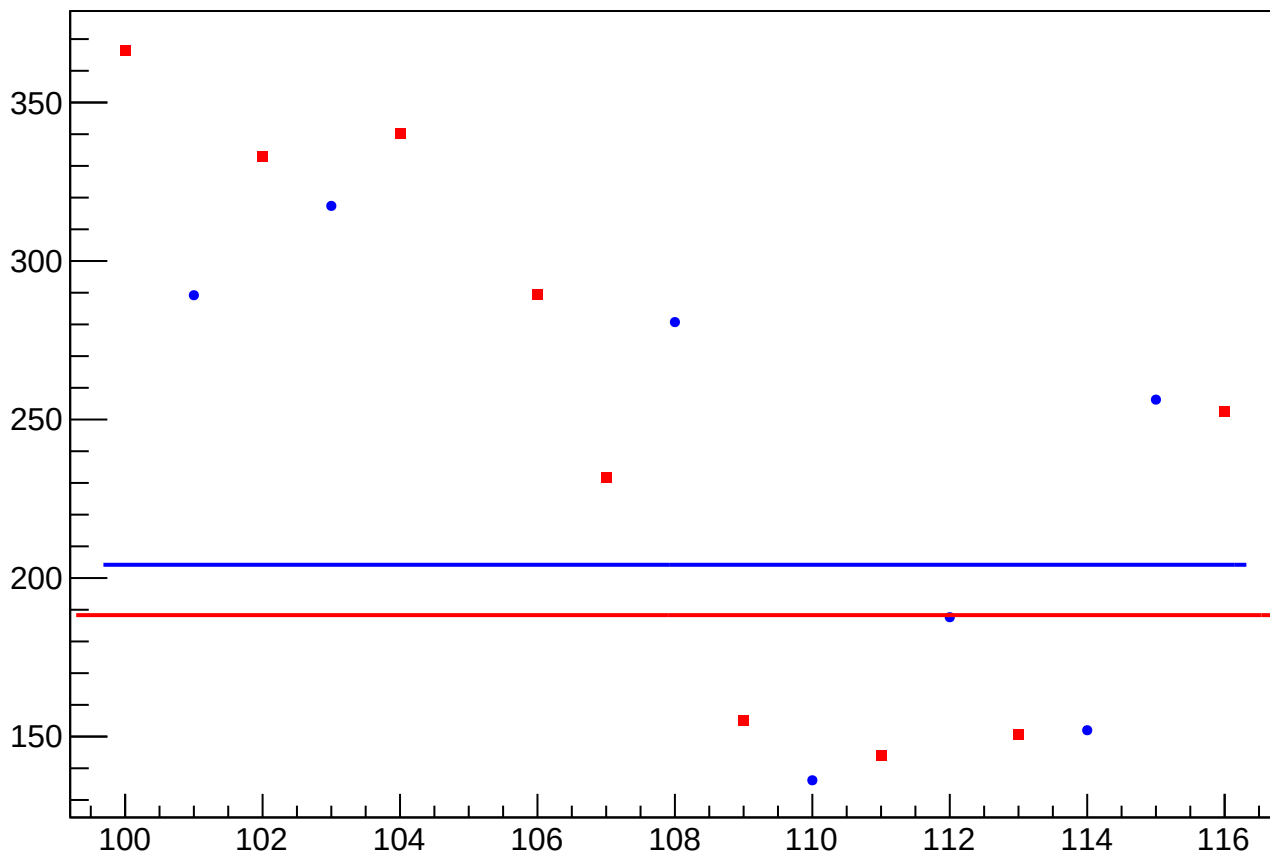
Right: -532.643+/-83.561 χ^2/NDF : 174.1/15

In: -392.988+/-130.629 χ^2/NDF : 121.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.643+/-83.561 χ^2/NDF : 174.1/15

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 204.183+/-0.092 χ^2/NDF : 546663.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.305+/-0.077 χ^2/NDF : 778150.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

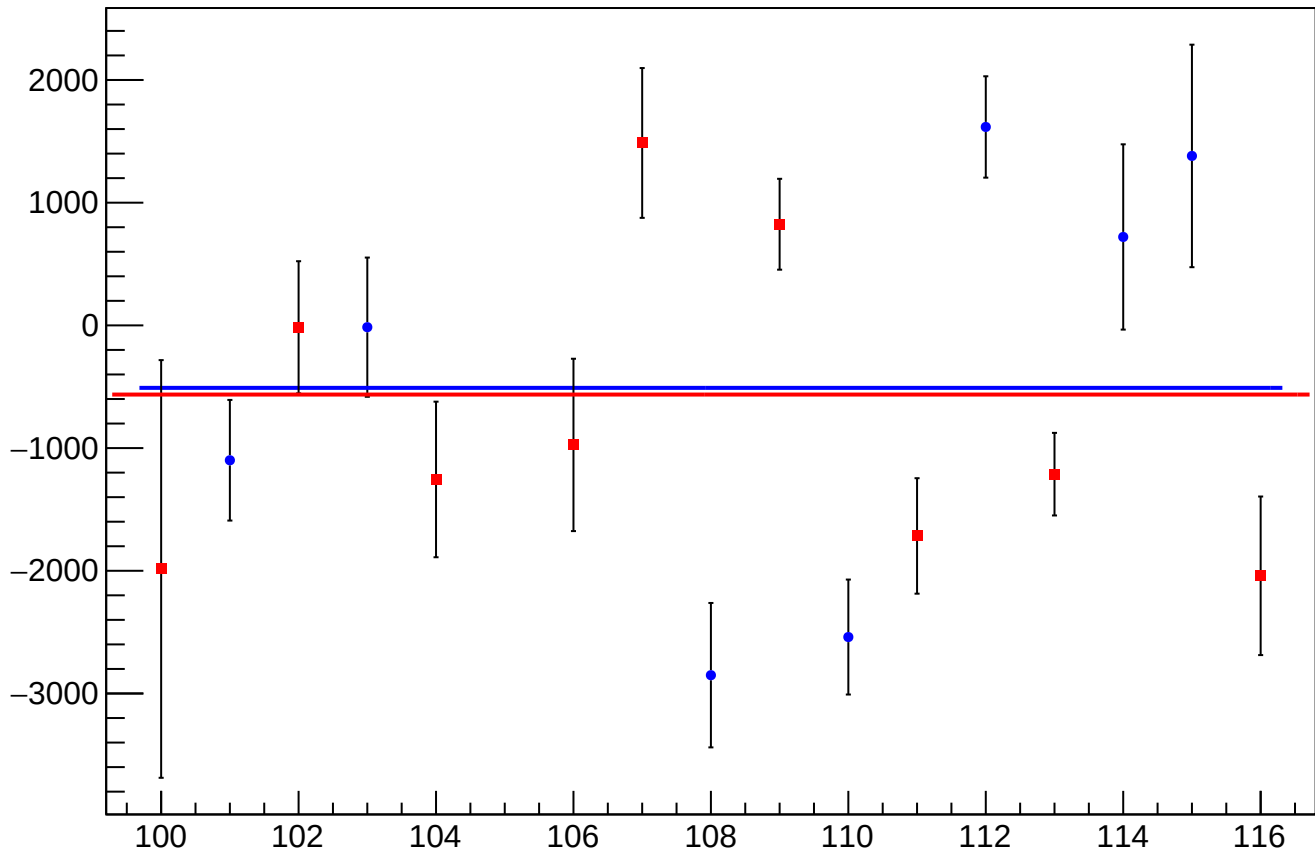
Right: 194.802+/-0.059 χ^2/NDF : 1342273.8/15

In: 204.183+/-0.092 χ^2/NDF : 546663.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.802+/-0.059 χ^2/NDF : 1342273.8/15

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -509.133+/-206.200 χ^2/NDF : 70.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -563.729+/-171.442 χ^2/NDF : 43.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

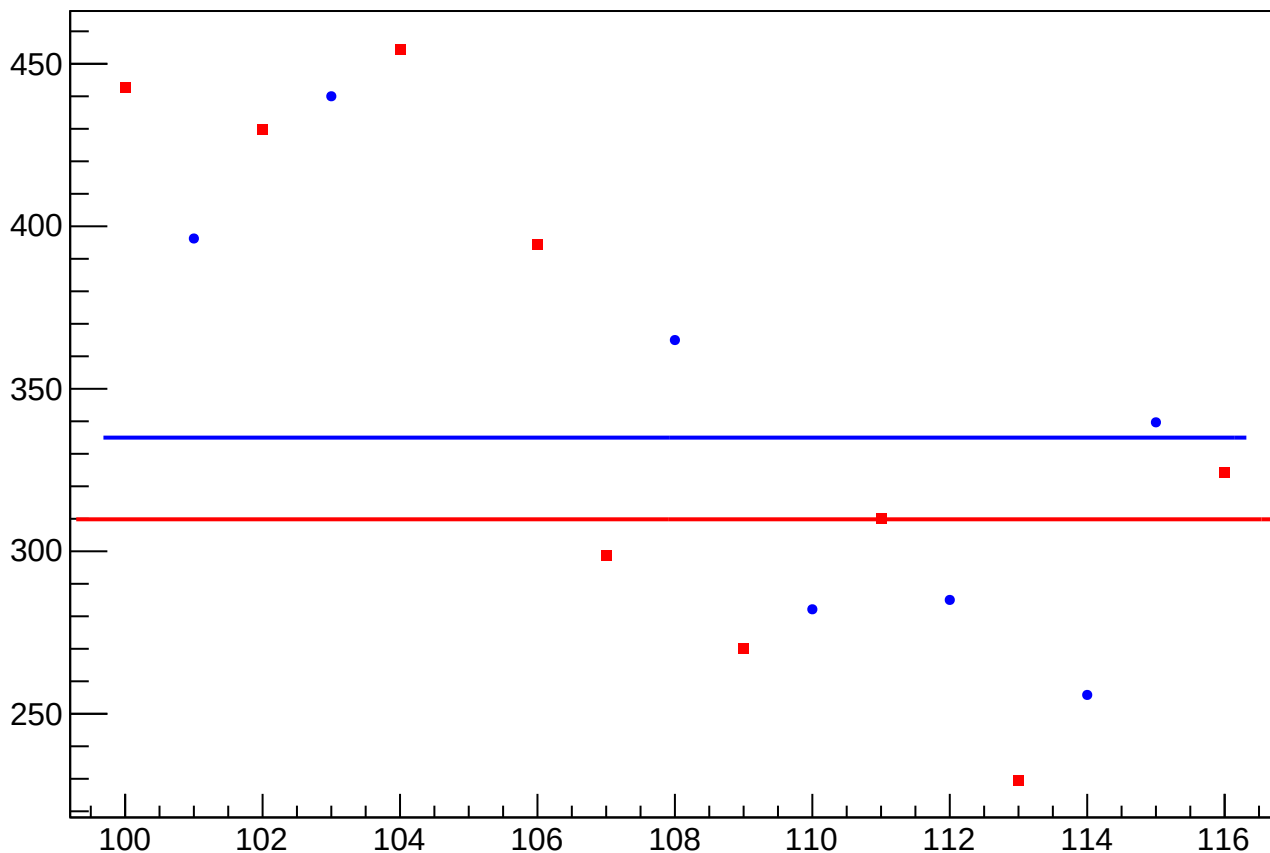
Right: -541.413+/-131.829 χ^2/NDF : 113.9/15

In: -509.133+/-206.200 χ^2/NDF : 70.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.413+/-131.829 χ^2/NDF : 113.9/15

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 334.981+/-0.146 χ^2/NDF : 181527.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.844+/-0.121 χ^2/NDF : 382803.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

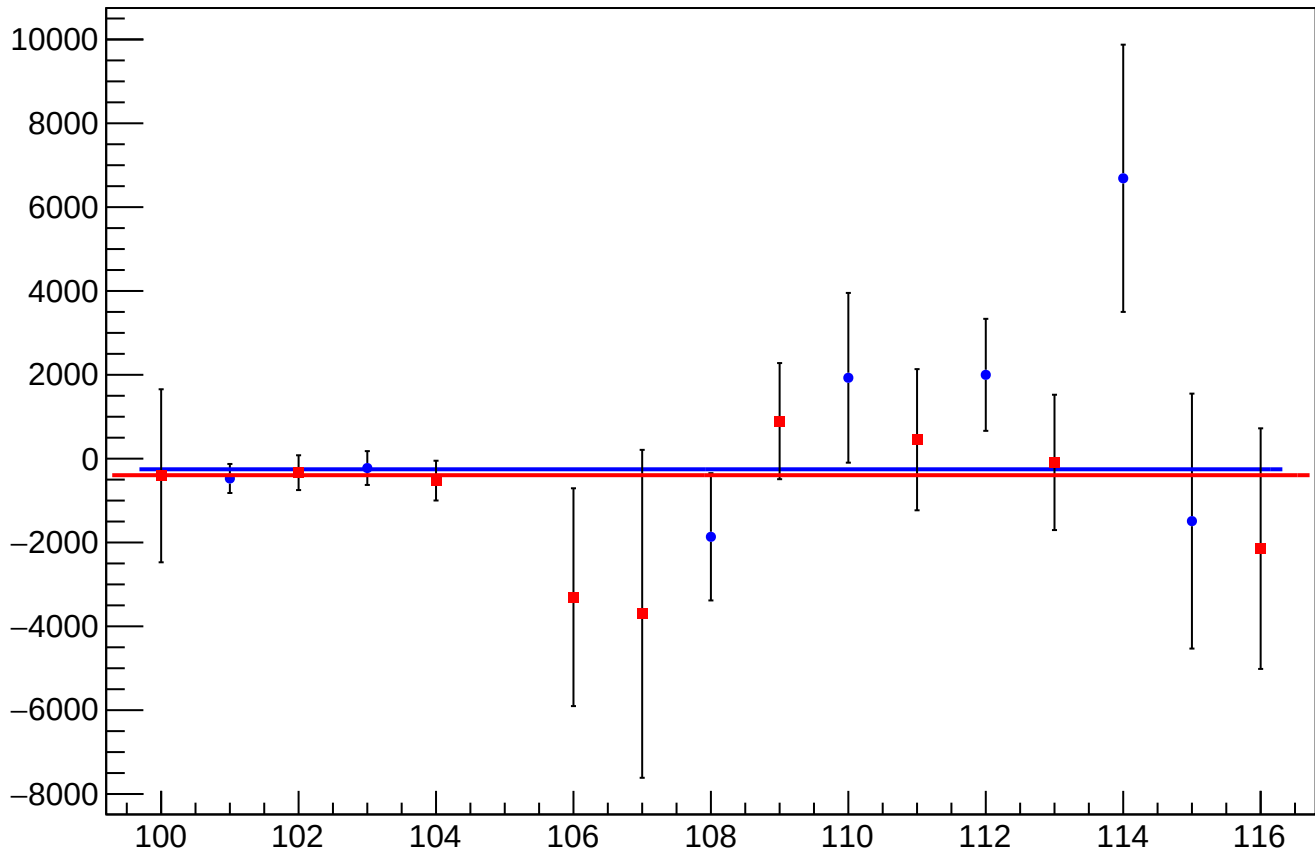
Right: 320.118+/-0.093 χ^2/NDF : 581904.9/15

In: 334.981+/-0.146 χ^2/NDF : 181527.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.118+/-0.093 χ^2/NDF : 581904.9/15

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -253.719+/-250.583 χ^2/NDF : 10.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -394.679+/-287.744 χ^2/NDF : 3.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

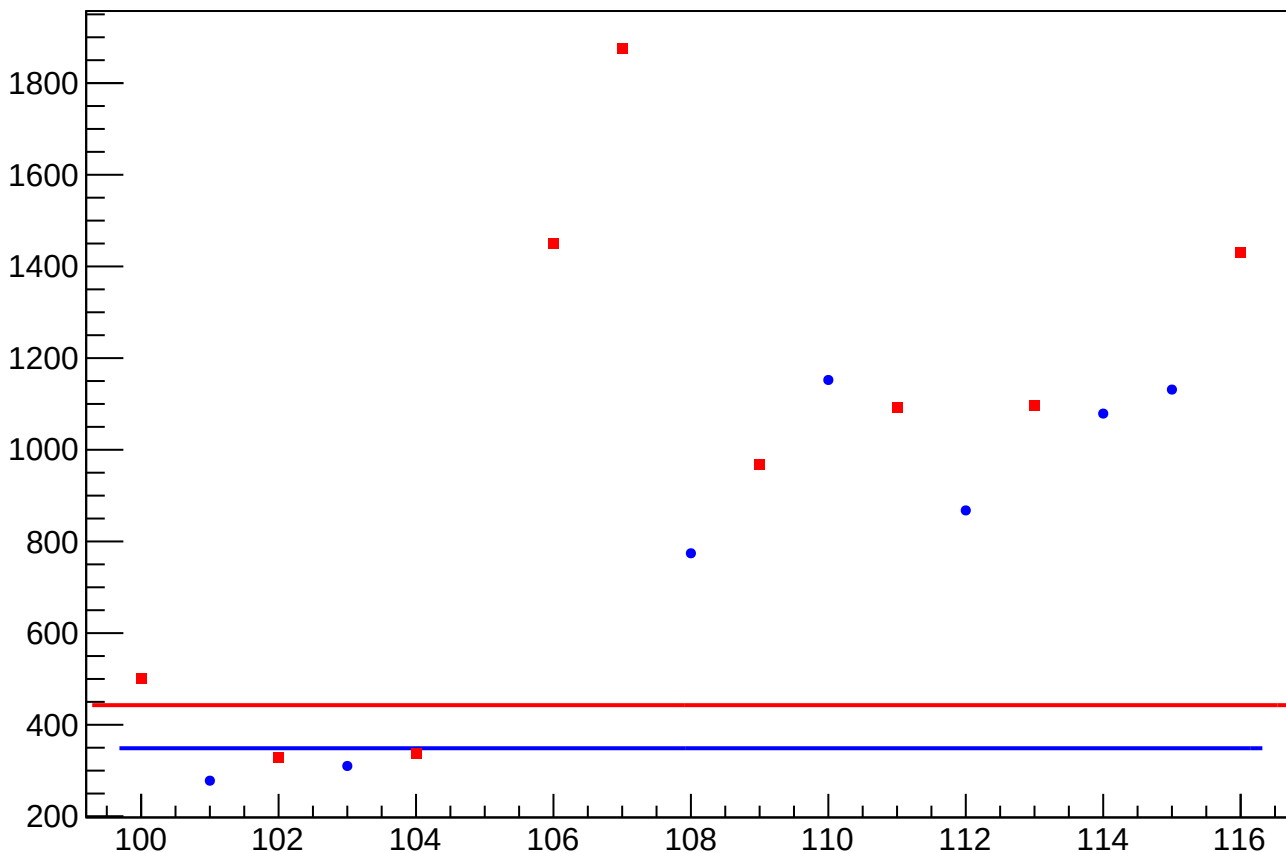
Right: -314.515+/-188.971 χ^2/NDF : 14.2/15

In: -253.719+/-250.583 χ^2/NDF : 10.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -314.515+/-188.971 χ^2/NDF : 14.2/15

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 348.841+/-0.177 χ^2/NDF : 1113097.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 442.828+/-0.203 χ^2/NDF : 1966271.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

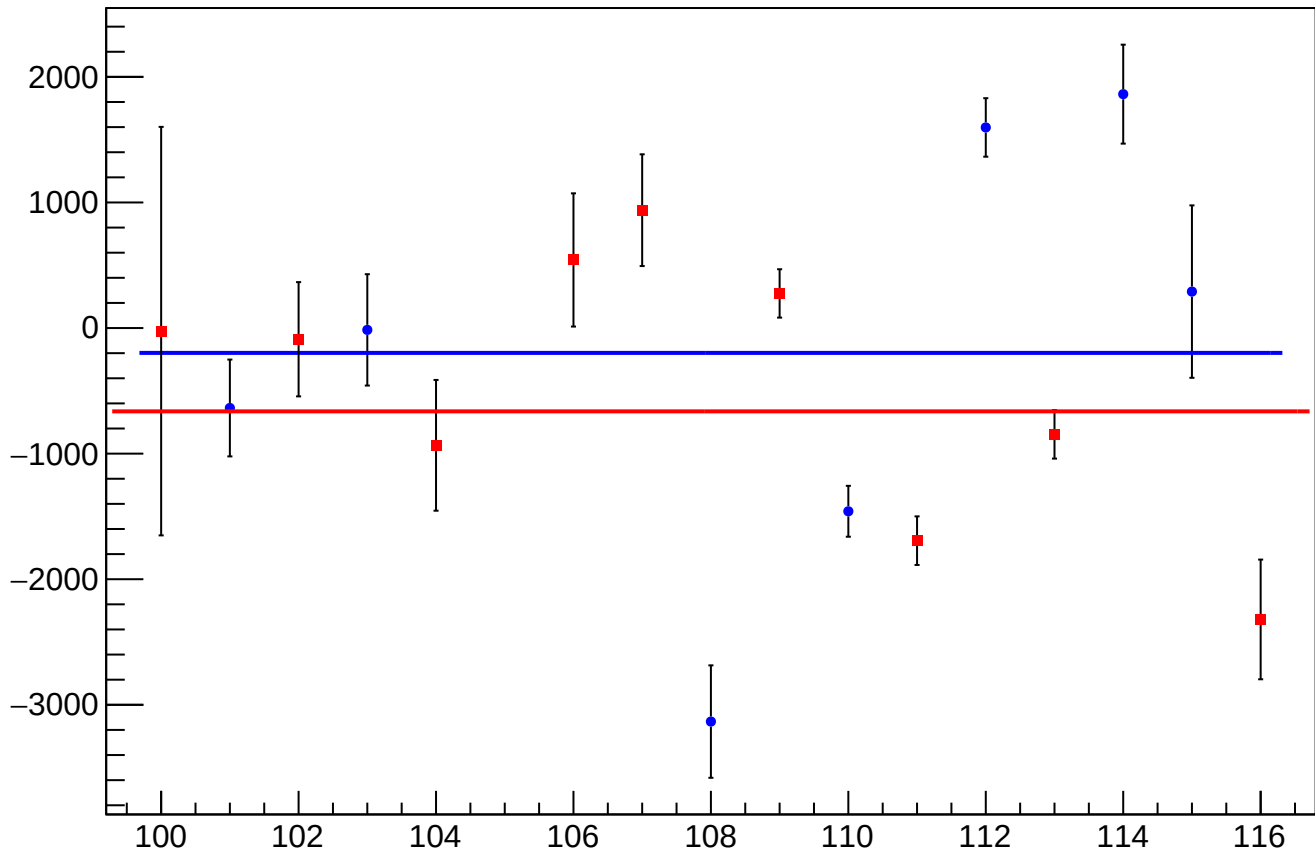
Right: 389.377+/-0.134 χ^2/NDF : 3200719.1/15

In: 348.841+/-0.177 χ^2/NDF :1113097.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 389.377+/-0.134 χ^2/NDF : 3200719.1/15

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -197.815+/-121.125 χ^2/NDF : 170.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -663.416+/-98.800 χ^2/NDF : 85.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

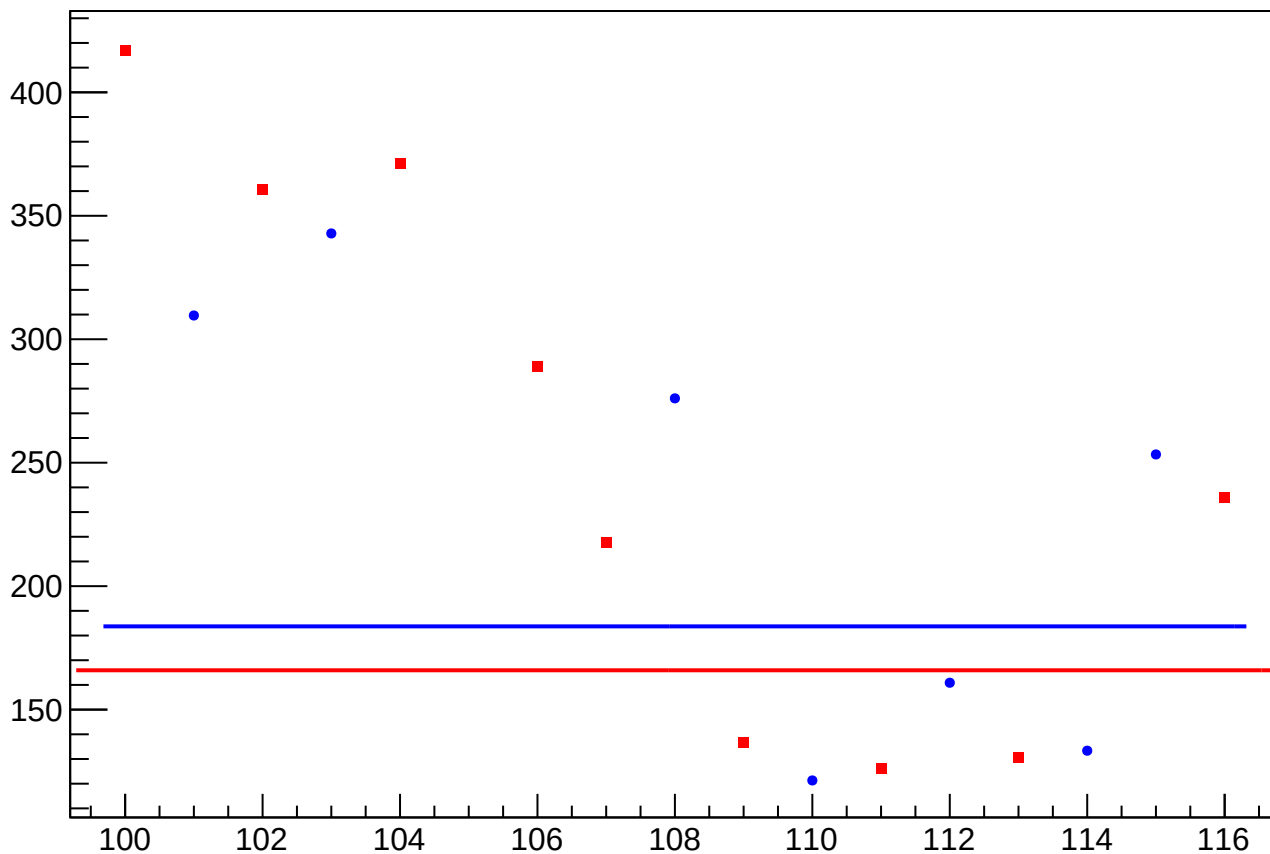
Right: -477.397+/-76.561 χ^2/NDF : 264.6/15

In: -197.815+/-121.125 χ^2/NDF : 170.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -477.397+/-76.561 χ^2/NDF : 264.6/15

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 183.710+/-0.086 χ^2/NDF : 818265.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.928+/-0.070 χ^2/NDF : 1101713.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

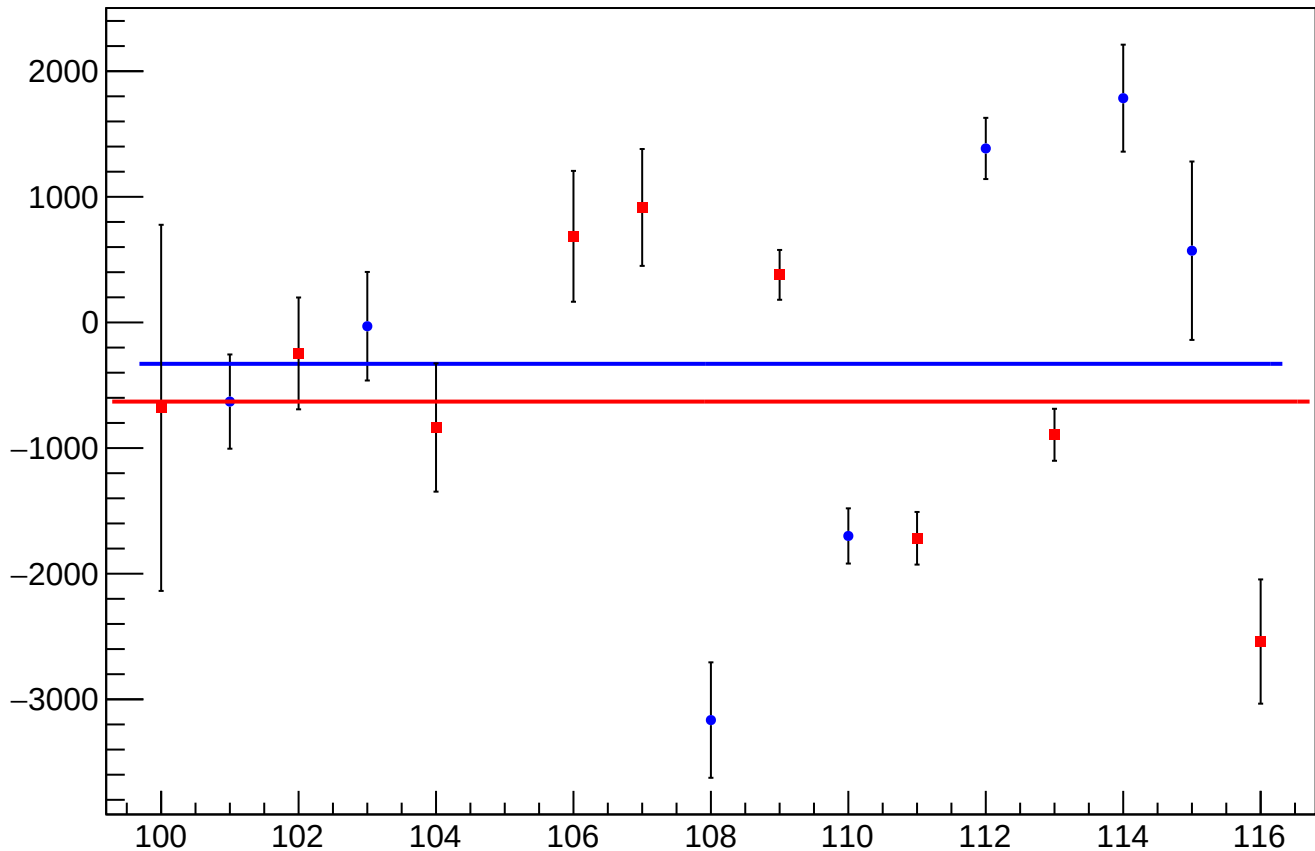
Right: 173.032+/-0.054 χ^2/NDF : 1945864.8/15

In: 183.710+/-0.086 χ^2/NDF : 818265.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.032+/-0.054 χ^2/NDF : 1945864.8/15

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -329.383+/-126.737 χ^2/NDF : 153.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -629.950+/-103.515 χ^2/NDF : 87.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

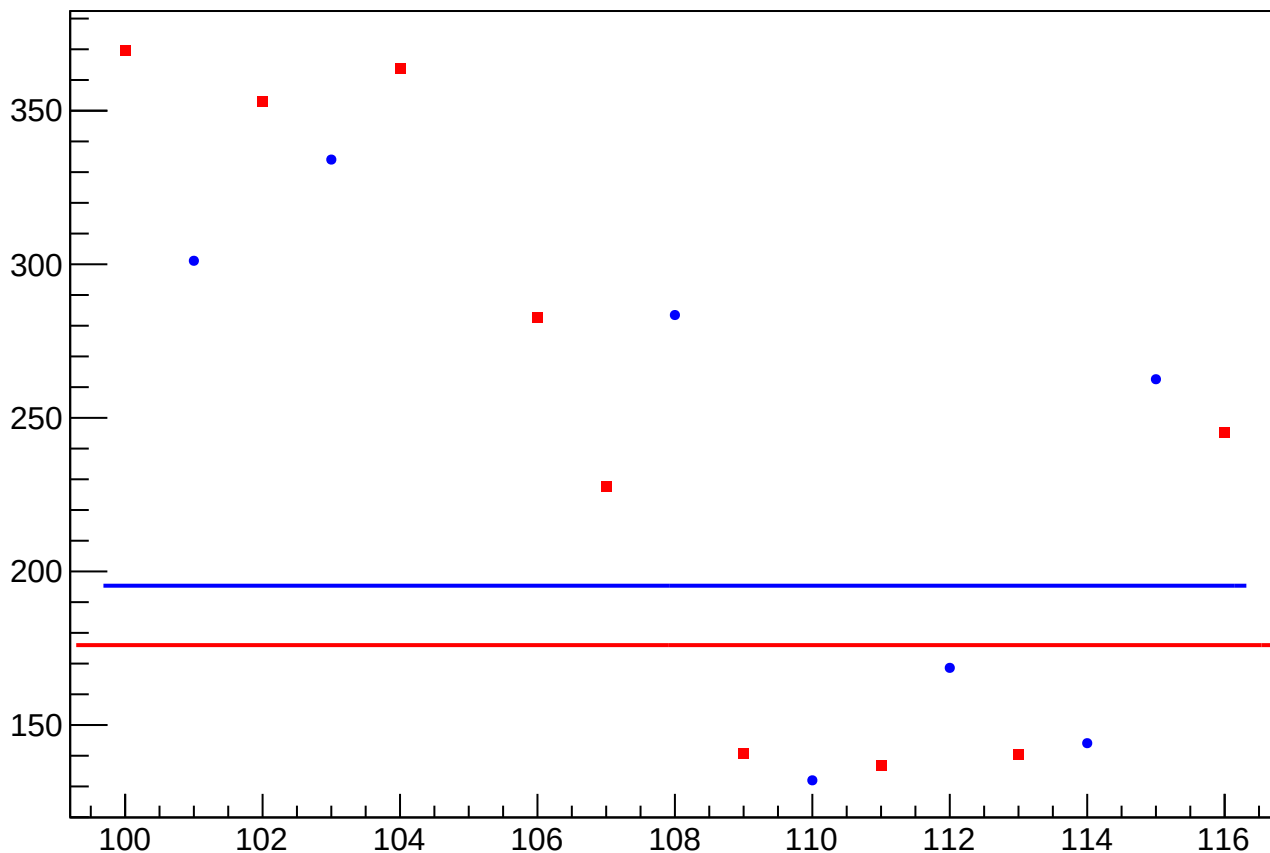
Right: -509.674+/-80.172 χ^2/NDF : 245.0/15

In: -329.383+/-126.737 χ^2/NDF :153.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -509.674+/-80.172 χ^2/NDF : 245.0/15

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 195.355+/-0.090 χ^2/NDF : 676122.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.010+/-0.073 χ^2/NDF : 961806.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

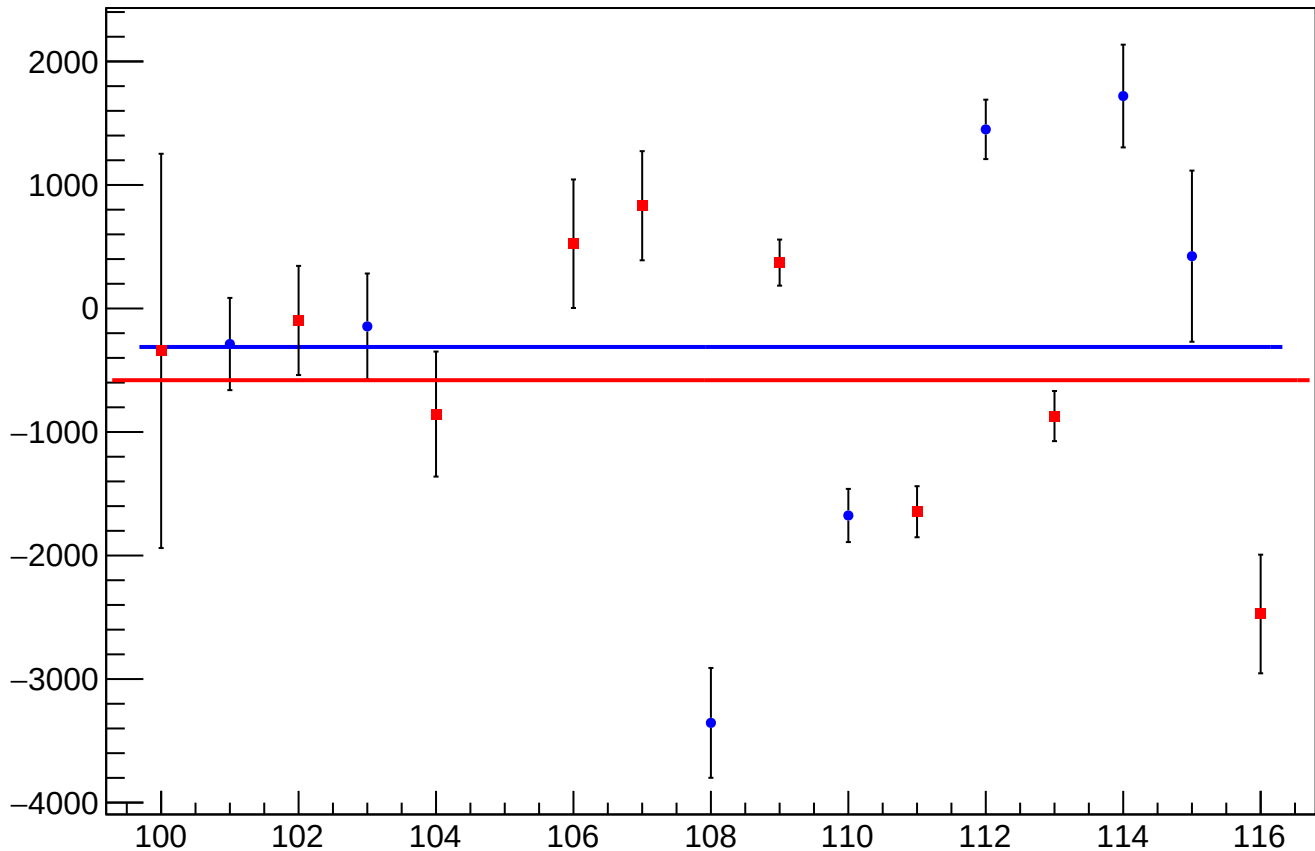
Right: 183.751+/-0.057 χ^2/NDF : 1665878.0/15

In: 195.355+/-0.090 χ^2/NDF : 676122.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.751+/-0.057 χ^2/NDF : 1665878.0/15

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -311.511+/-124.597 χ^2/NDF : 165.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -580.590+/-100.493 χ^2/NDF : 86.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

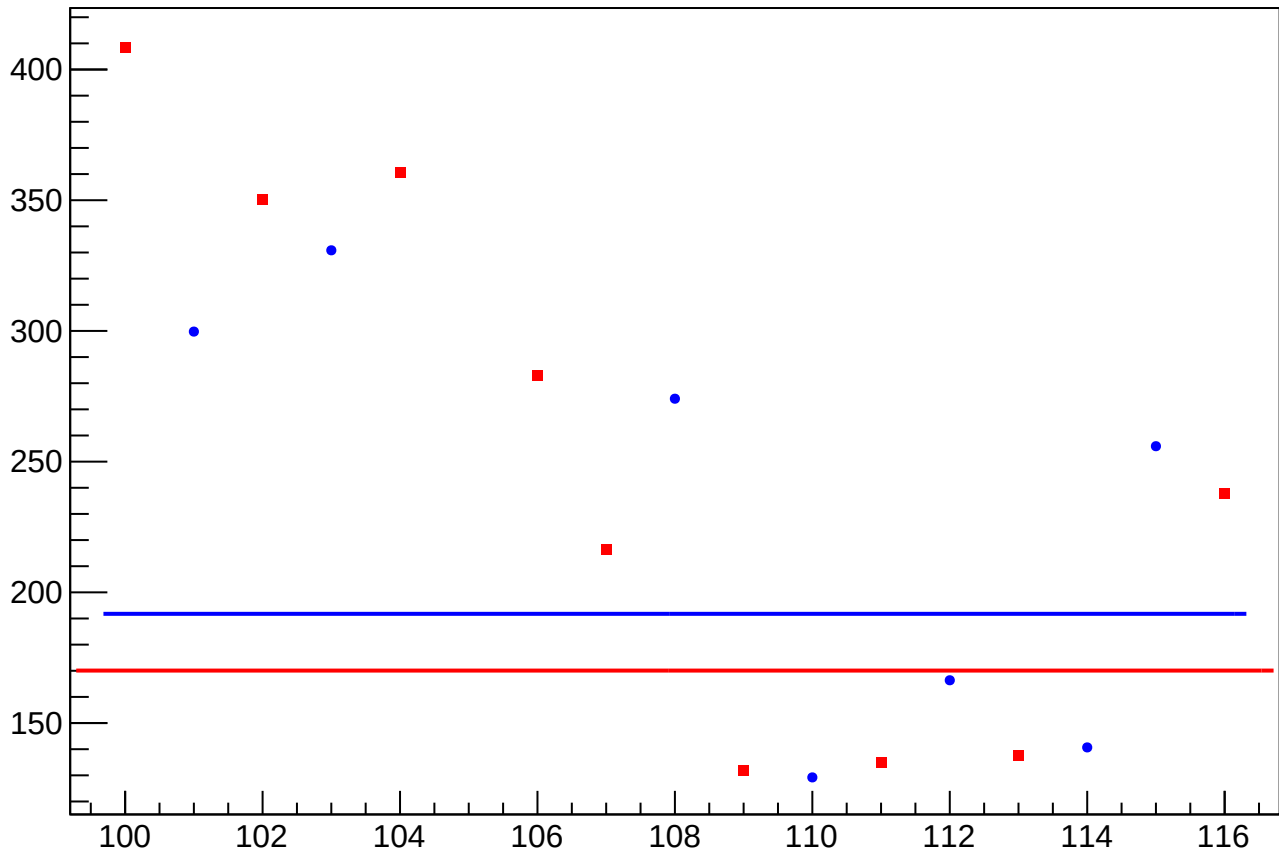
Right: -474.538+/-78.221 χ^2/NDF : 255.0/15

In: -311.511+/-124.597 χ^2/NDF :165.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -474.538+/-78.221 χ^2/NDF : 255.0/15

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 191.783+/-0.088 χ^2/NDF : 685546.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.077+/-0.071 χ^2/NDF : 1009098.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

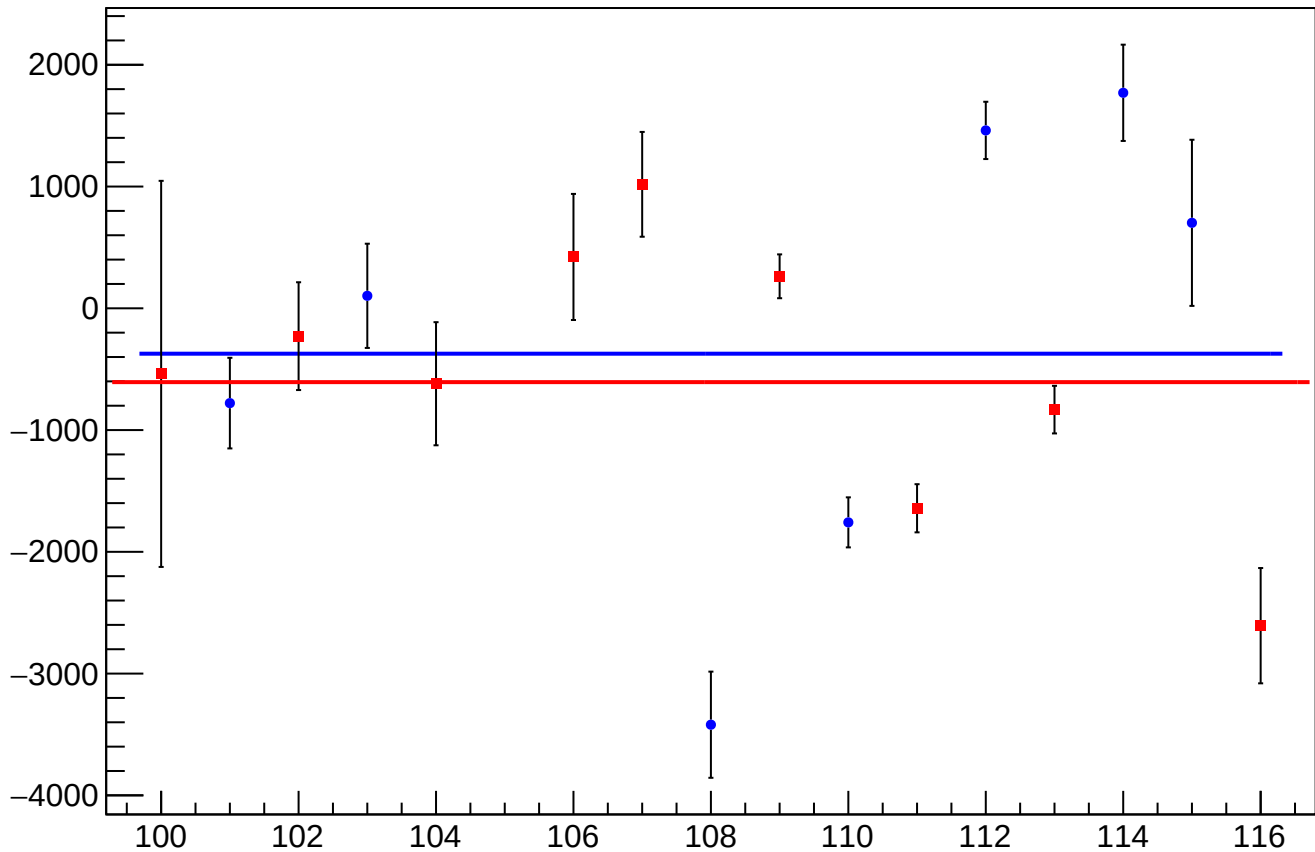
Right: 178.632+/-0.055 χ^2/NDF : 1731419.8/15

In: 191.783+/-0.088 χ^2/NDF : 685546.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.632+/-0.055 χ^2/NDF : 1731419.8/15

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -372.772 ± 121.058 $\chi^2/\text{NDF}: 189.3/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -606.260 ± 97.319 $\chi^2/\text{NDF}: 88.8/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

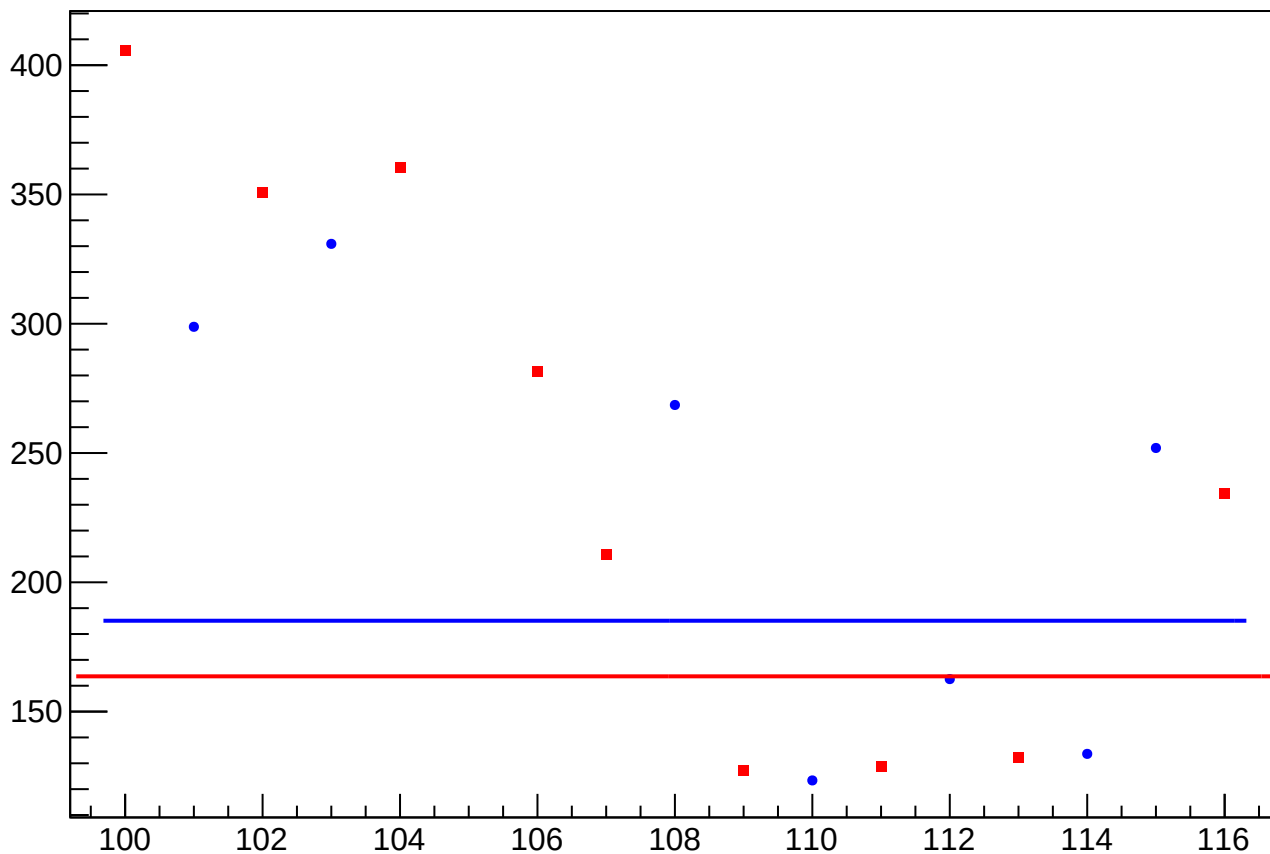
Right: -514.602 ± 75.849 $\chi^2/\text{NDF}: 280.4/15$

In: -372.772 ± 121.058 $\chi^2/\text{NDF}: 189.3/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -514.602 ± 75.849 $\chi^2/\text{NDF}: 280.4/15$

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 185.136+/-0.086 χ^2/NDF : 744020.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.634+/-0.069 χ^2/NDF : 1074611.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

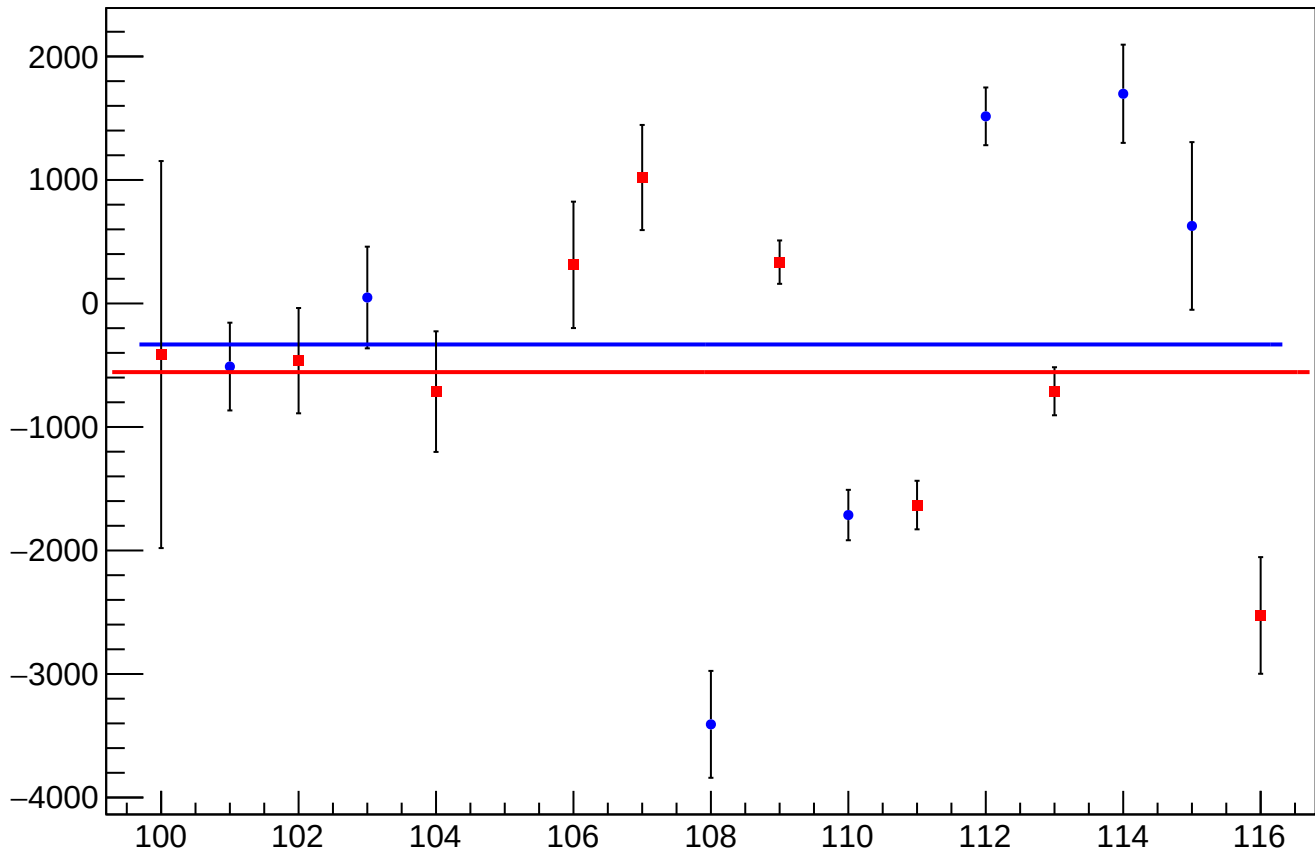
Right: 172.075+/-0.054 χ^2/NDF : 1856959.0/15

In: 185.136+/-0.086 χ^2/NDF : 744020.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.075+/-0.054 χ^2/NDF : 1856959.0/15

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -331.893+/-119.545 χ^2/NDF : 187.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -555.769+/-95.922 χ^2/NDF : 90.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

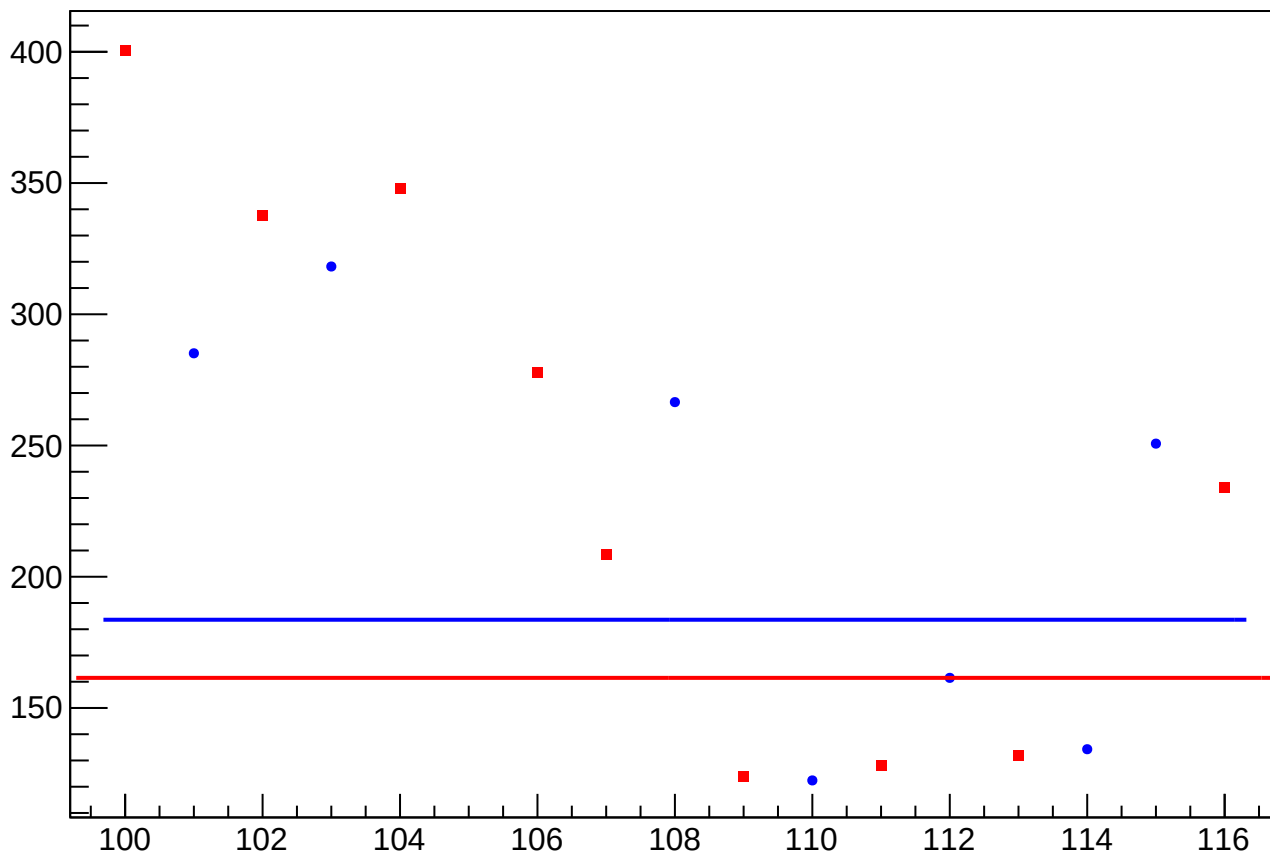
Right: -468.085+/-74.815 χ^2/NDF : 280.6/15

In: -331.893+/-119.545 χ^2/NDF : 187.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.085+/-74.815 χ^2/NDF : 280.6/15

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 183.620+/-0.085 χ^2/NDF : 698670.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.474+/-0.068 χ^2/NDF : 1050720.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

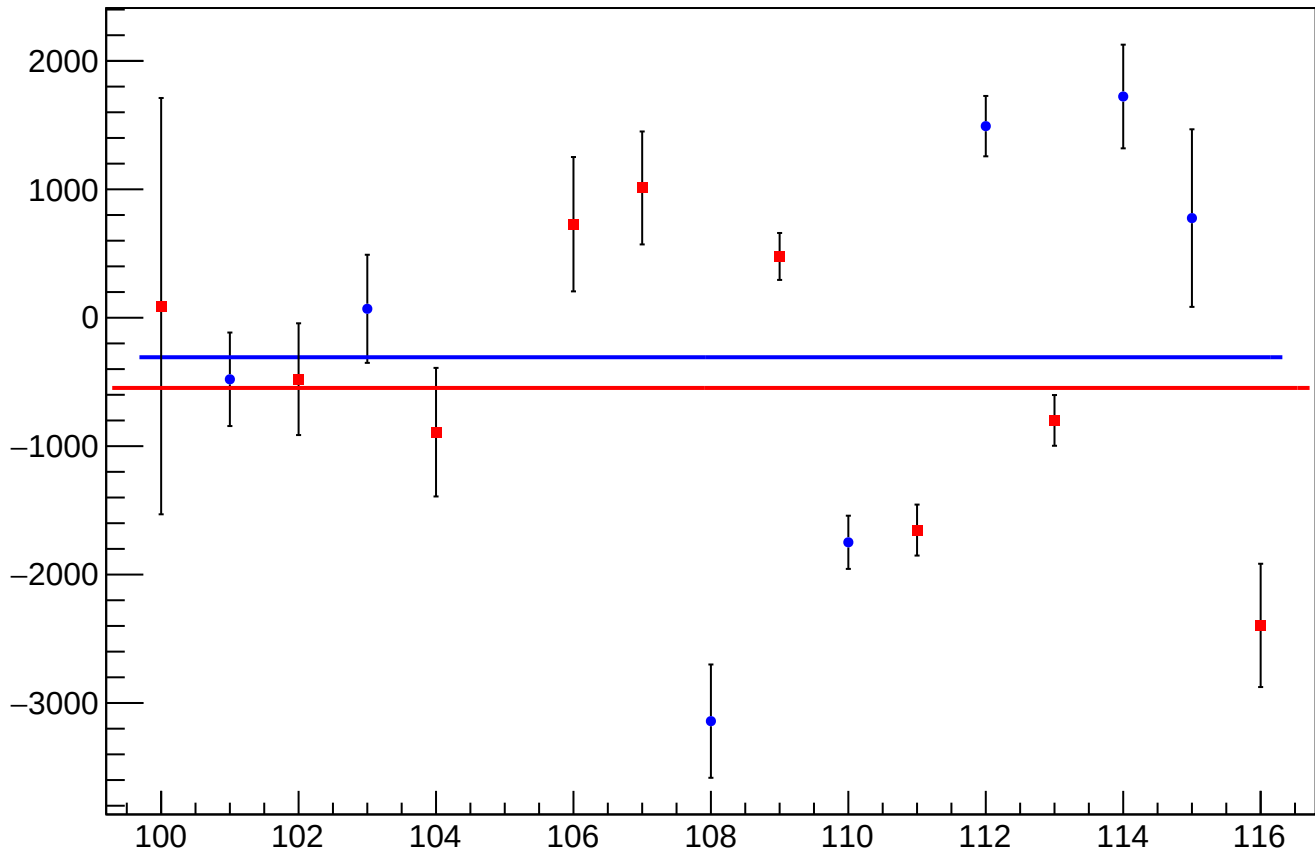
Right: 170.148+/-0.053 χ^2/NDF : 1791148.2/15

In: 183.620+/-0.085 χ^2/NDF : 698670.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.148+/-0.053 χ^2/NDF : 1791148.2/15

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -307.559 ± 121.308 $\chi^2/\text{NDF}: 177.0/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -546.634 ± 98.177 $\chi^2/\text{NDF}: 98.1/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

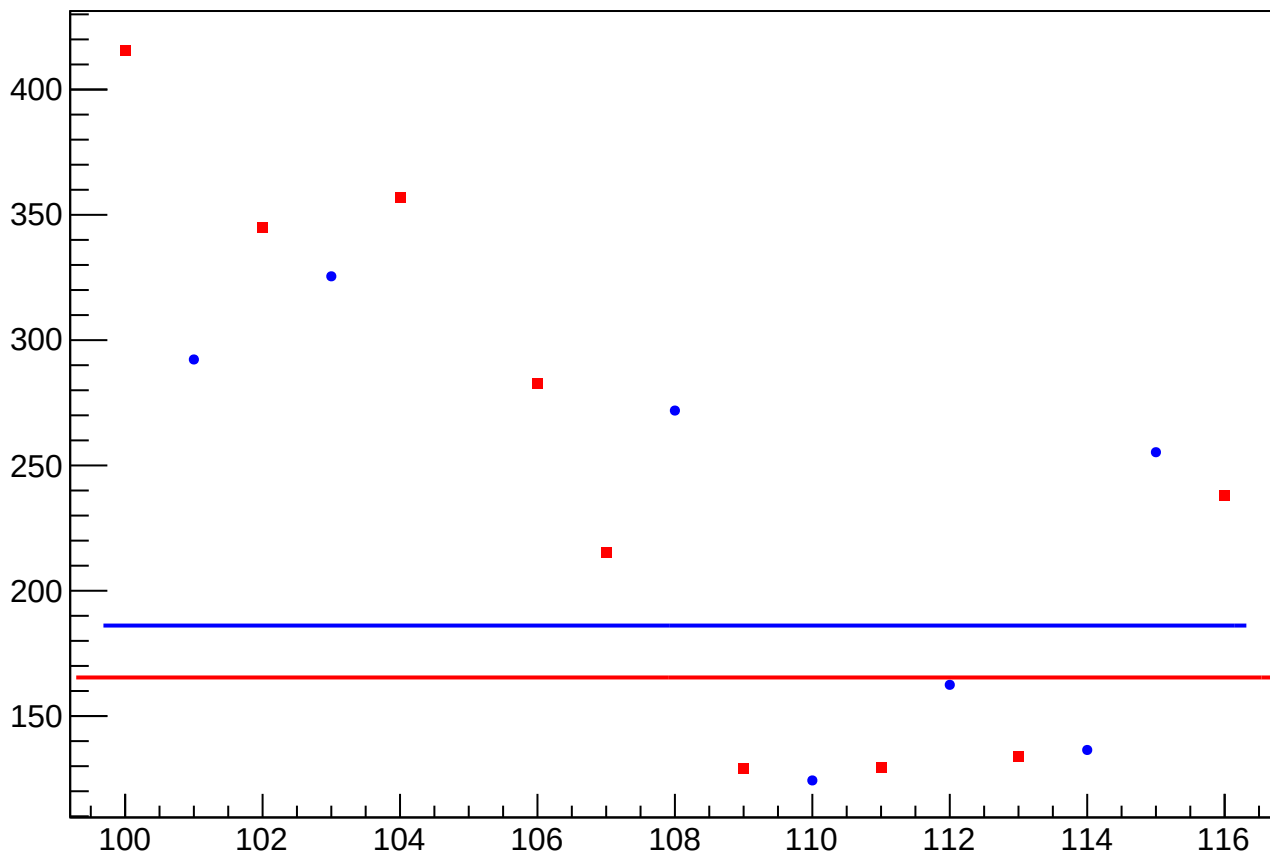
Right: -452.016 ± 76.315 $\chi^2/\text{NDF}: 277.5/15$

In: -307.559 ± 121.308 $\chi^2/\text{NDF}: 177.0/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -452.016 ± 76.315 $\chi^2/\text{NDF}: 277.5/15$

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 186.112+/-0.086 χ^2/NDF : 713381.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.395+/-0.069 χ^2/NDF : 1046547.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

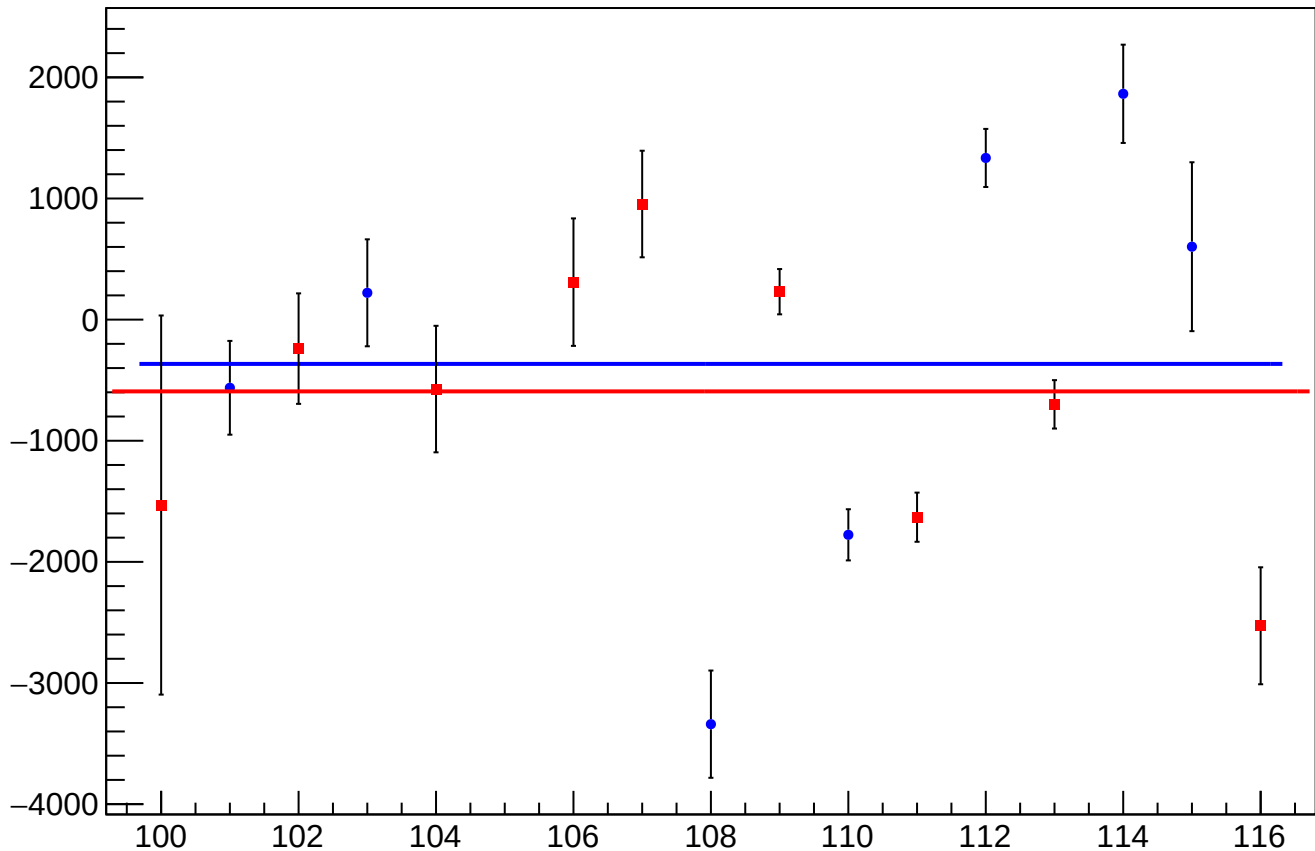
Right: 173.594+/-0.054 χ^2/NDF : 1795175.6/15

In: 186.112+/-0.086 χ^2/NDF : 713381.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.594+/-0.054 χ^2/NDF : 1795175.6/15

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -365.649+/-124.184 χ^2/NDF : 174.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -592.496+/-100.058 χ^2/NDF : 78.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

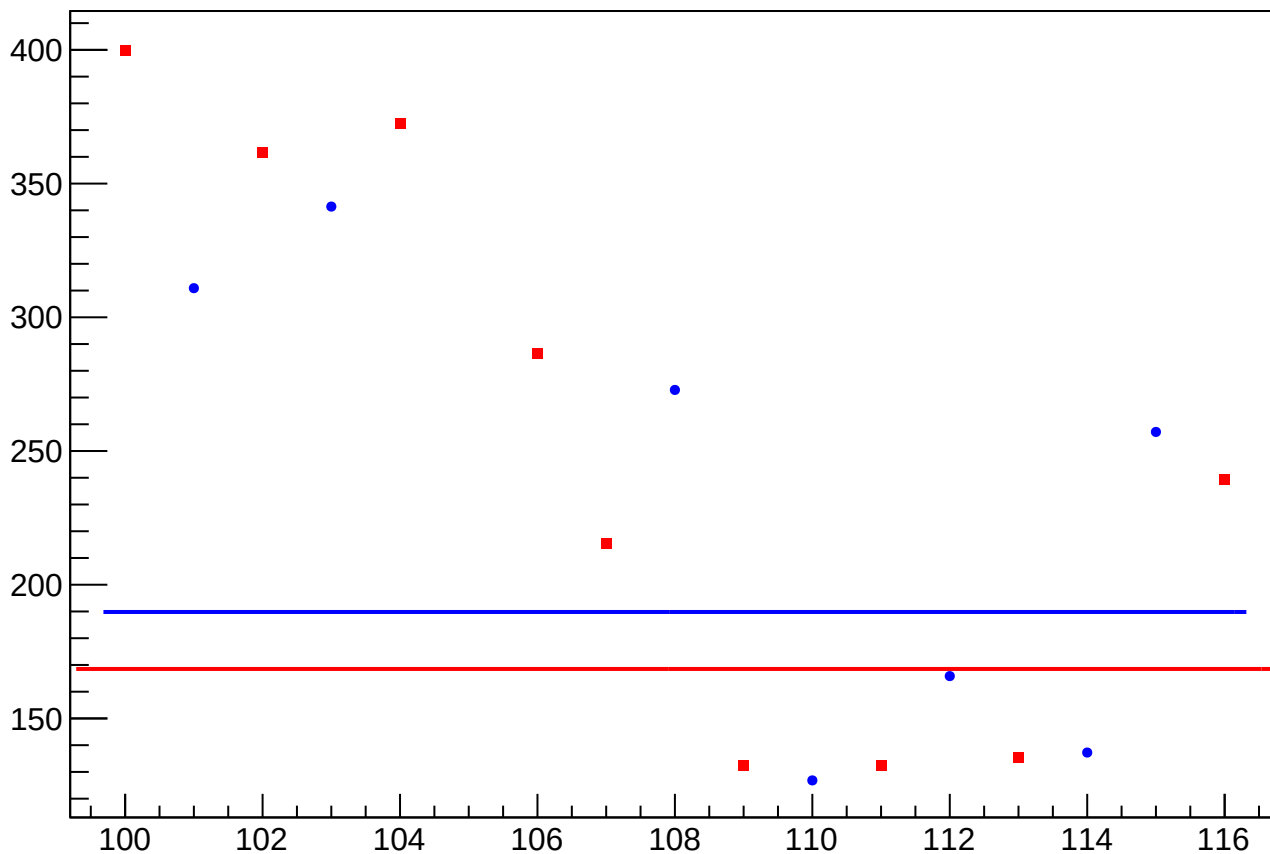
Right: -503.199+/-77.914 χ^2/NDF : 254.4/15

In: -365.649+/-124.184 χ^2/NDF : 174.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -503.199+/-77.914 χ^2/NDF : 254.4/15

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 189.808+/-0.088 χ^2/NDF : 751833.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.505+/-0.071 χ^2/NDF : 1066546.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

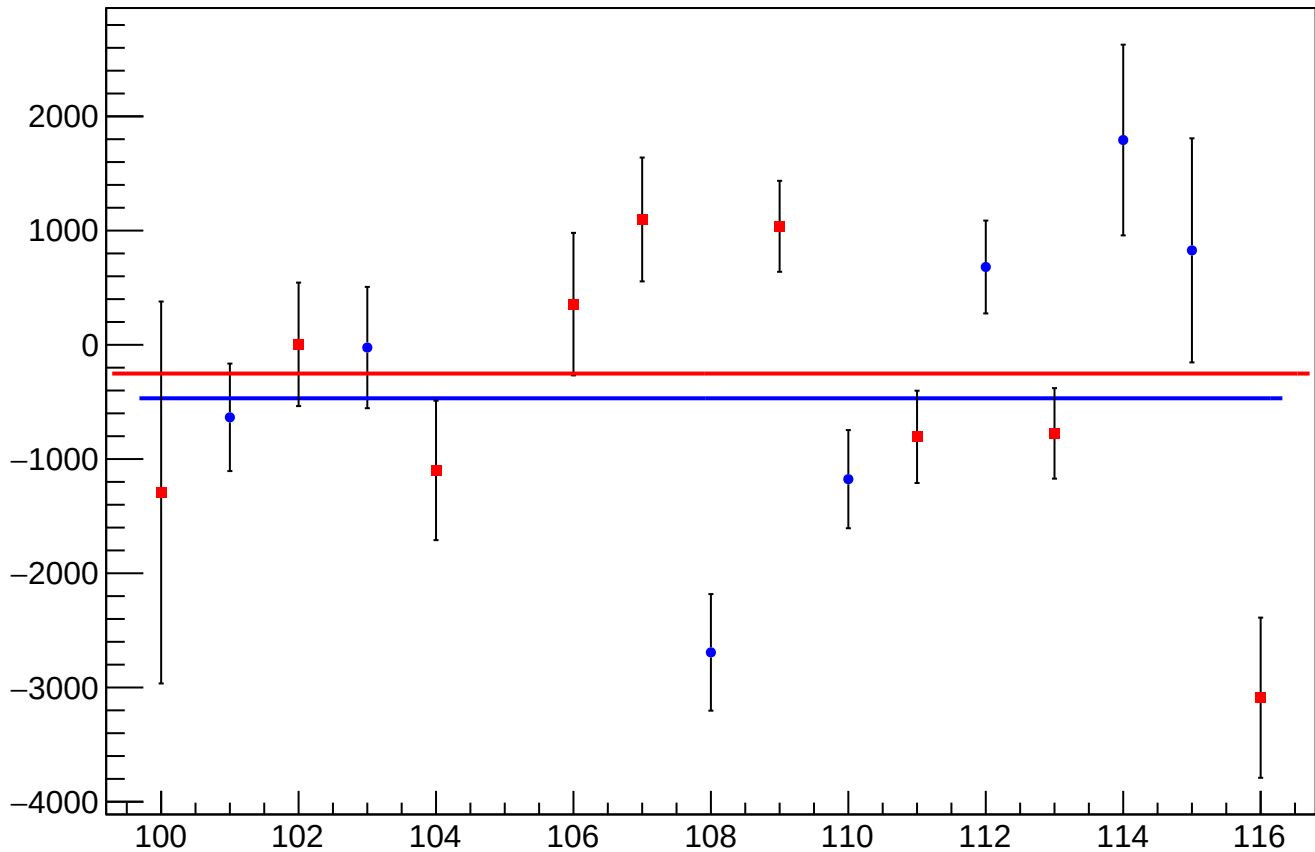
Right: 176.891+/-0.055 χ^2/NDF : 1854068.9/15

In: 189.808+/-0.088 χ^2/NDF : 751833.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.891+/-0.055 χ^2/NDF : 1854068.9/15

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -468.039+/-196.696 χ^2/NDF : 39.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.472+/-173.376 χ^2/NDF : 40.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

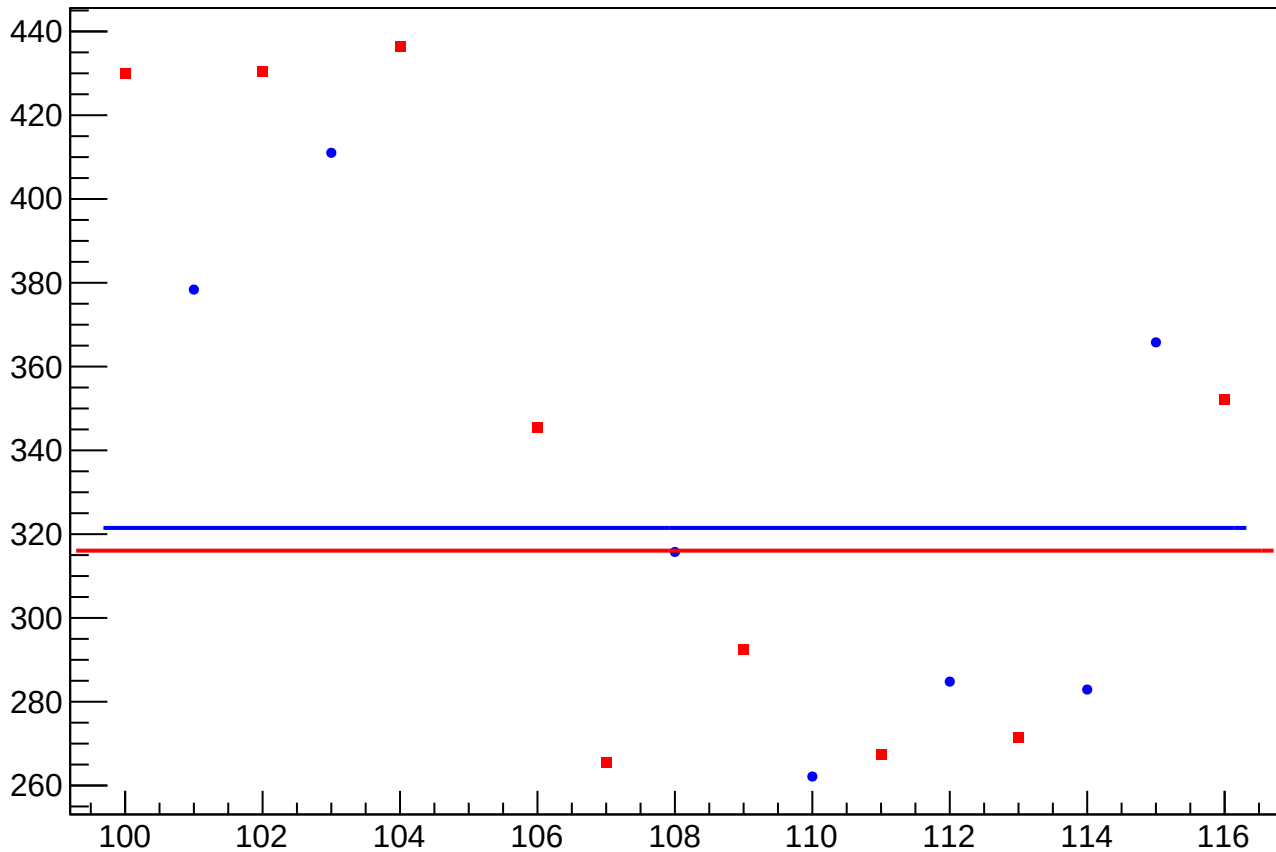
Right: -346.162+/-130.063 χ^2/NDF : 80.5/15

In: -468.039+/-196.696 χ^2/NDF : 39.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.162+/-130.063 χ^2/NDF : 80.5/15

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 321.482+/-0.139 χ^2/NDF : 149140.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.064+/-0.123 χ^2/NDF : 265303.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

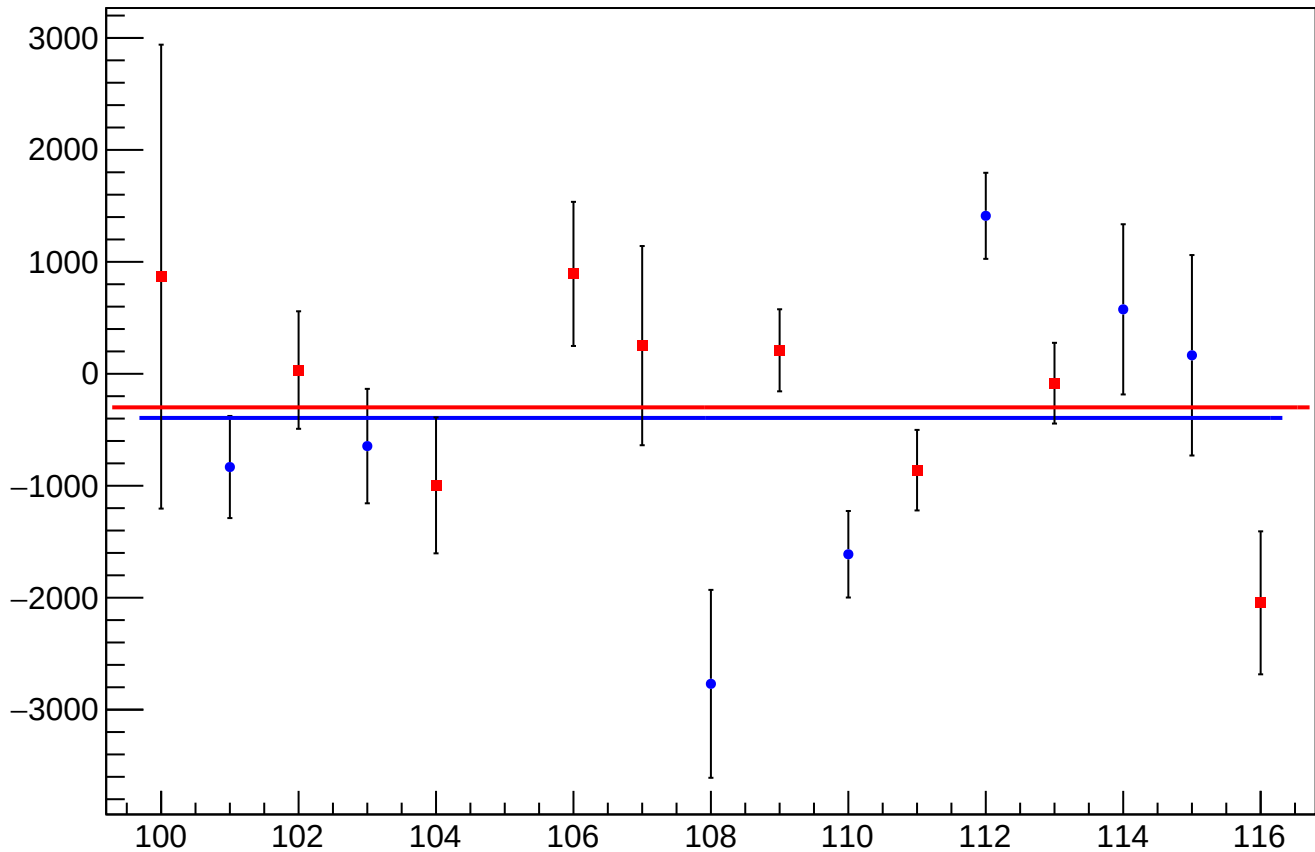
Right: 318.433+/-0.092 χ^2/NDF : 415297.8/15

In: 321.482+/-0.139 χ^2/NDF : 149140.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.433+/-0.092 χ^2/NDF : 415297.8/15

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -394.172 $\pm$ 194.275 χ^2 /NDF: 43.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -299.673 $\pm$ 167.674 χ^2 /NDF: 18.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

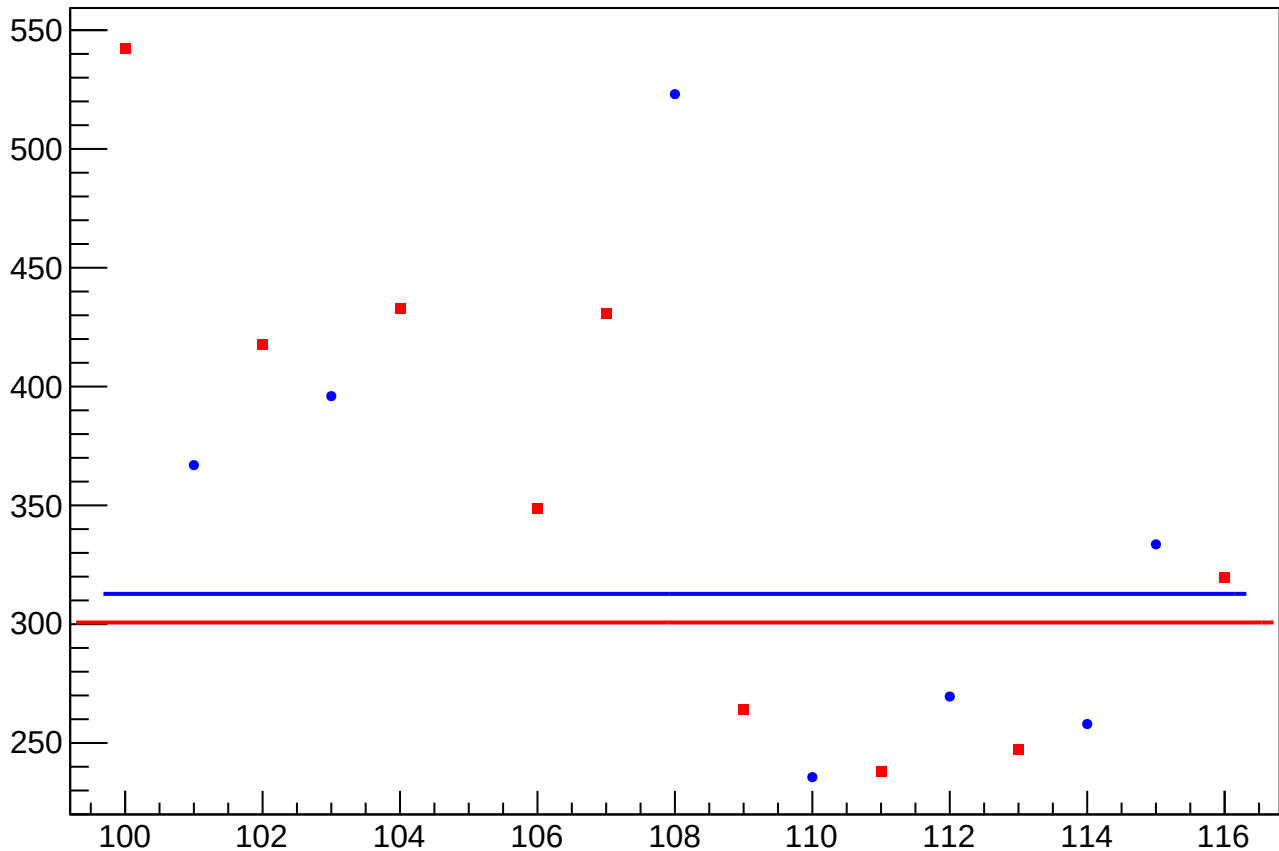
Right: -340.014 $\pm$ 126.935 χ^2 /NDF: 61.4/15

In: -394.172 $\pm$ 194.275 χ^2 /NDF: 43.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -340.014 $\pm$ 126.935 χ^2 /NDF: 61.4/15

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 312.757+/-0.137 χ^2/NDF : 323237.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.719+/-0.119 χ^2/NDF : 401958.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

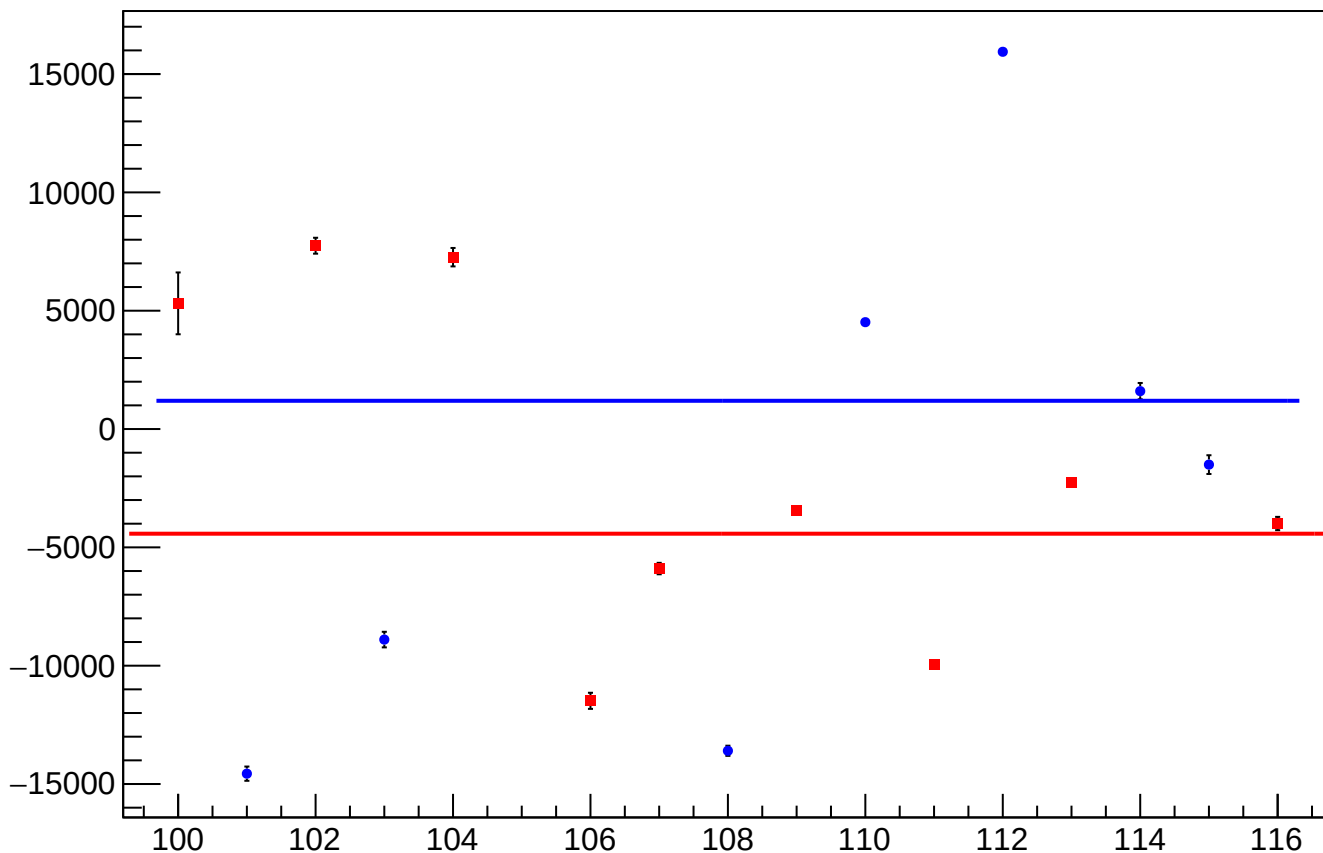
Right: 305.858+/-0.090 χ^2/NDF : 729597.0/15

In: 312.757+/-0.137 χ^2/NDF : 323237.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.858+/-0.090 χ^2/NDF : 729597.0/15

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1193.485+/-90.095 χ^2/NDF : 16050.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4422.833+/-76.476 χ^2/NDF : 4214.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

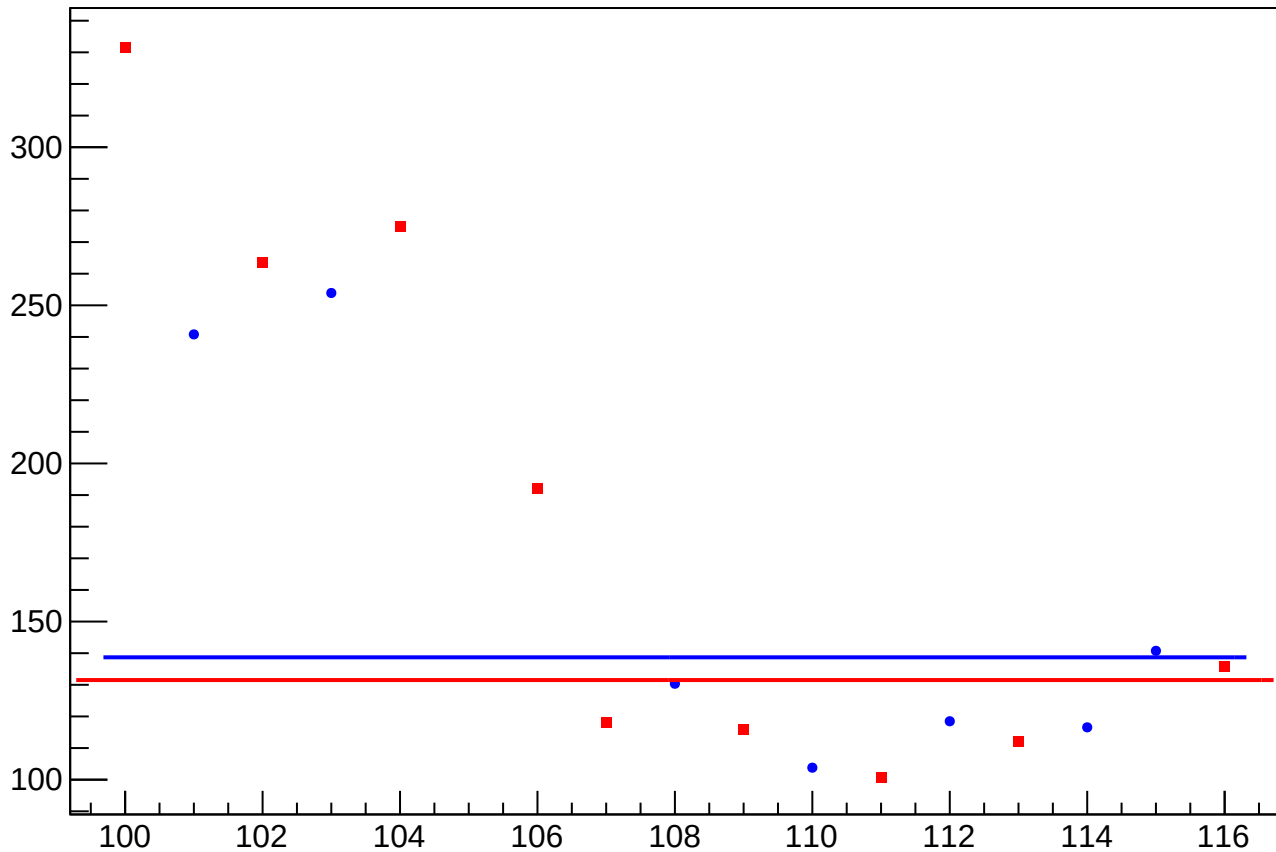
Right: -2070.840+/-58.304 χ^2/NDF : 22523.7/15

In: 1193.485+/-90.095 χ^2/NDF : 16050.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2070.840+/-58.304 χ^2/NDF : 22523.7/15

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.695+/-0.064 χ^2/NDF : 594149.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.504+/-0.054 χ^2/NDF : 820797.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

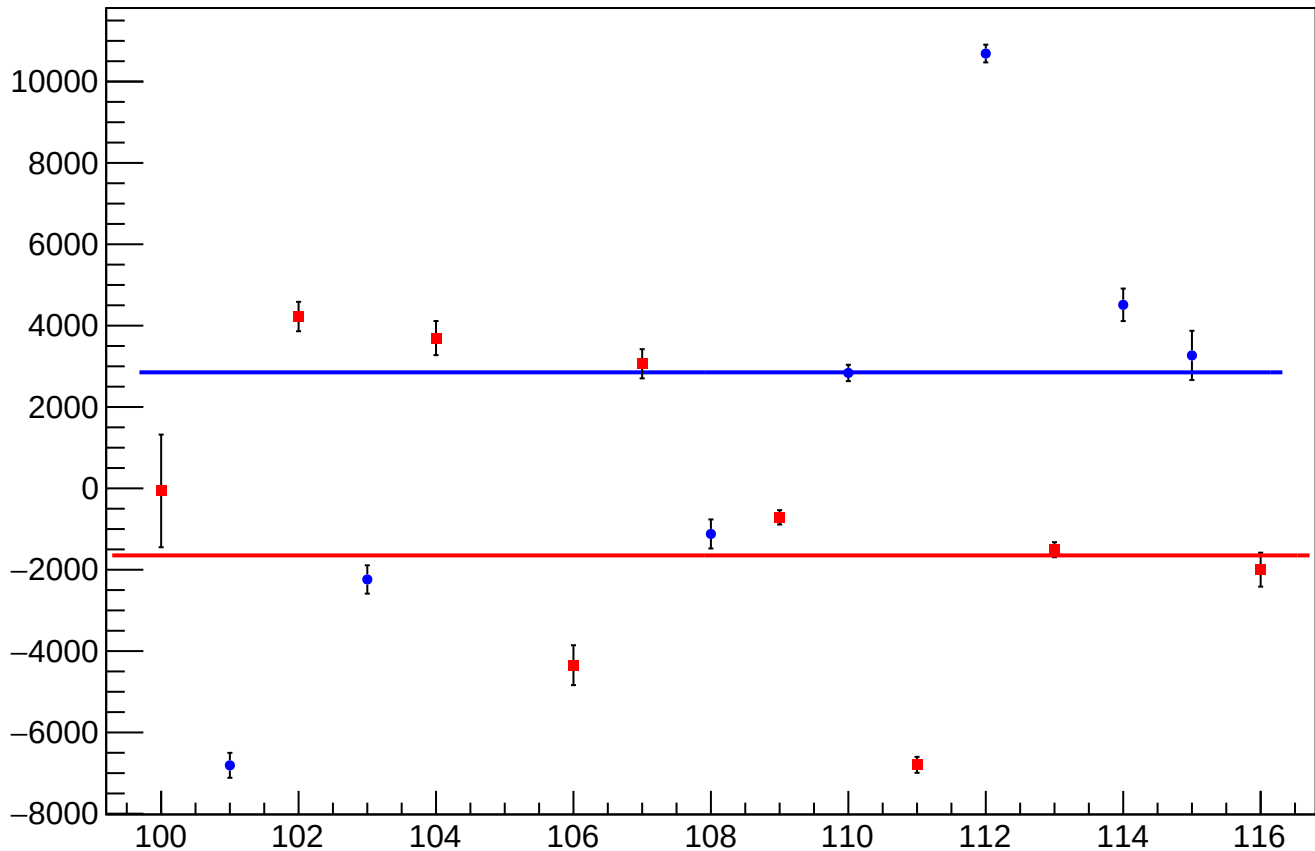
Right: 134.515+/-0.041 χ^2/NDF : 1422352.2/15

In: 138.695+/-0.064 χ^2/NDF : 594149.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.515+/-0.041 χ^2/NDF : 1422352.2/15

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2851.810+/-110.739 χ^2/NDF : 2639.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1648.181+/-91.608 χ^2/NDF : 1349.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

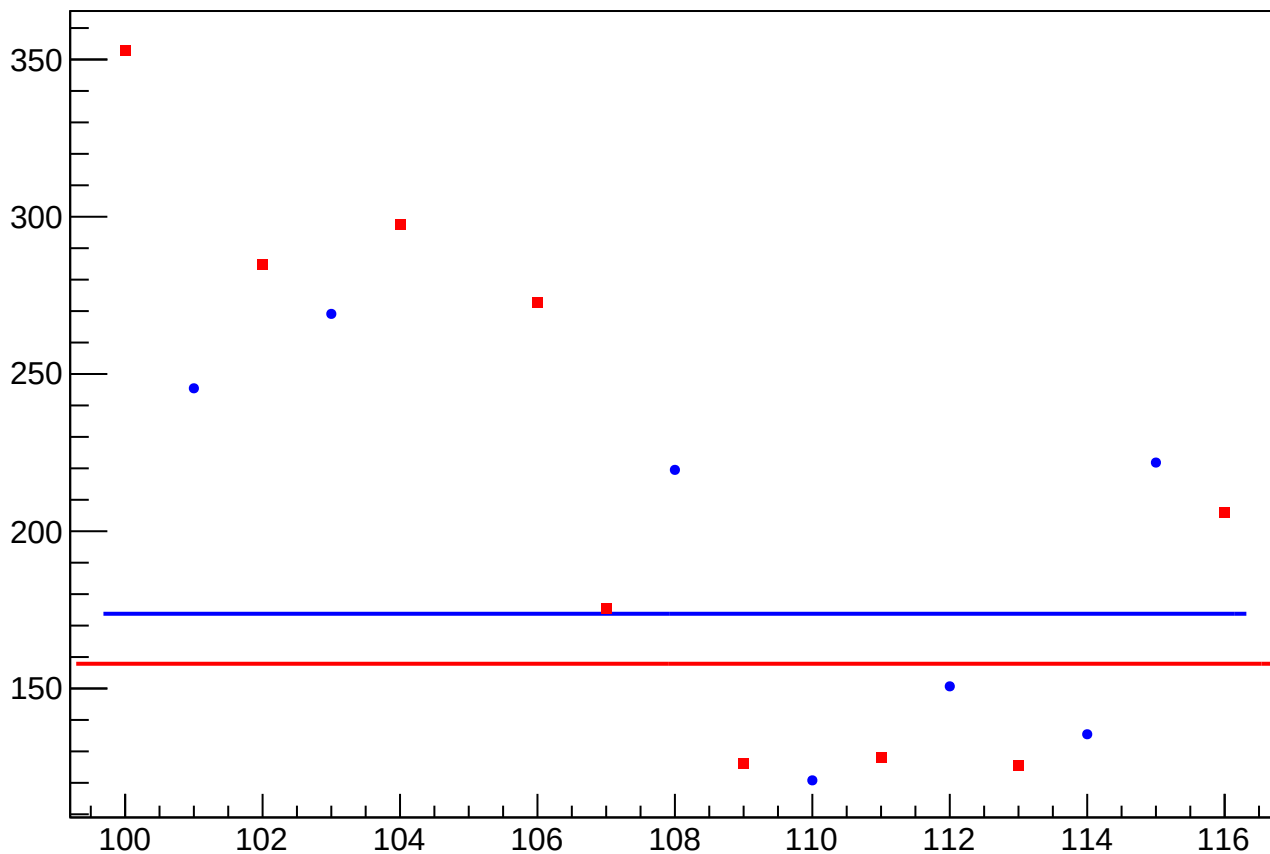
Right: 180.134+/-70.586 χ^2/NDF : 4969.4/15

In: 2851.810+/-110.739 χ^2/NDF : 2639.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.134+/-70.586 χ^2/NDF : 4969.4/15

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 173.761+/-0.078 χ^2/NDF : 484747.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.865+/-0.065 χ^2/NDF : 823783.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

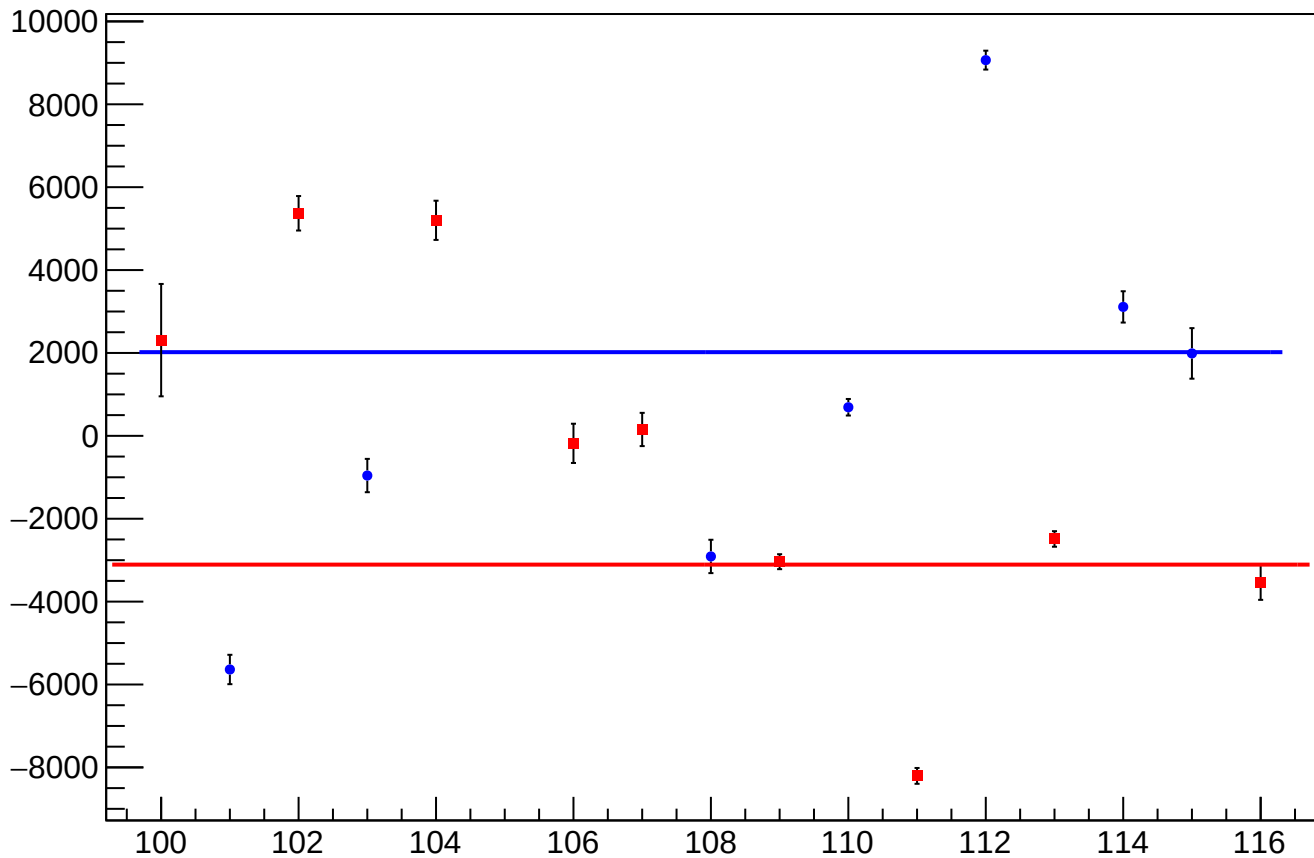
Right: 164.323+/-0.050 χ^2/NDF : 1332998.1/15

In: 173.761+/-0.078 χ^2/NDF : 484747.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.323+/-0.050 χ^2/NDF : 1332998.1/15

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2019.221+/-115.990 χ^2/NDF : 1680.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3107.199+/-93.854 χ^2/NDF : 1568.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

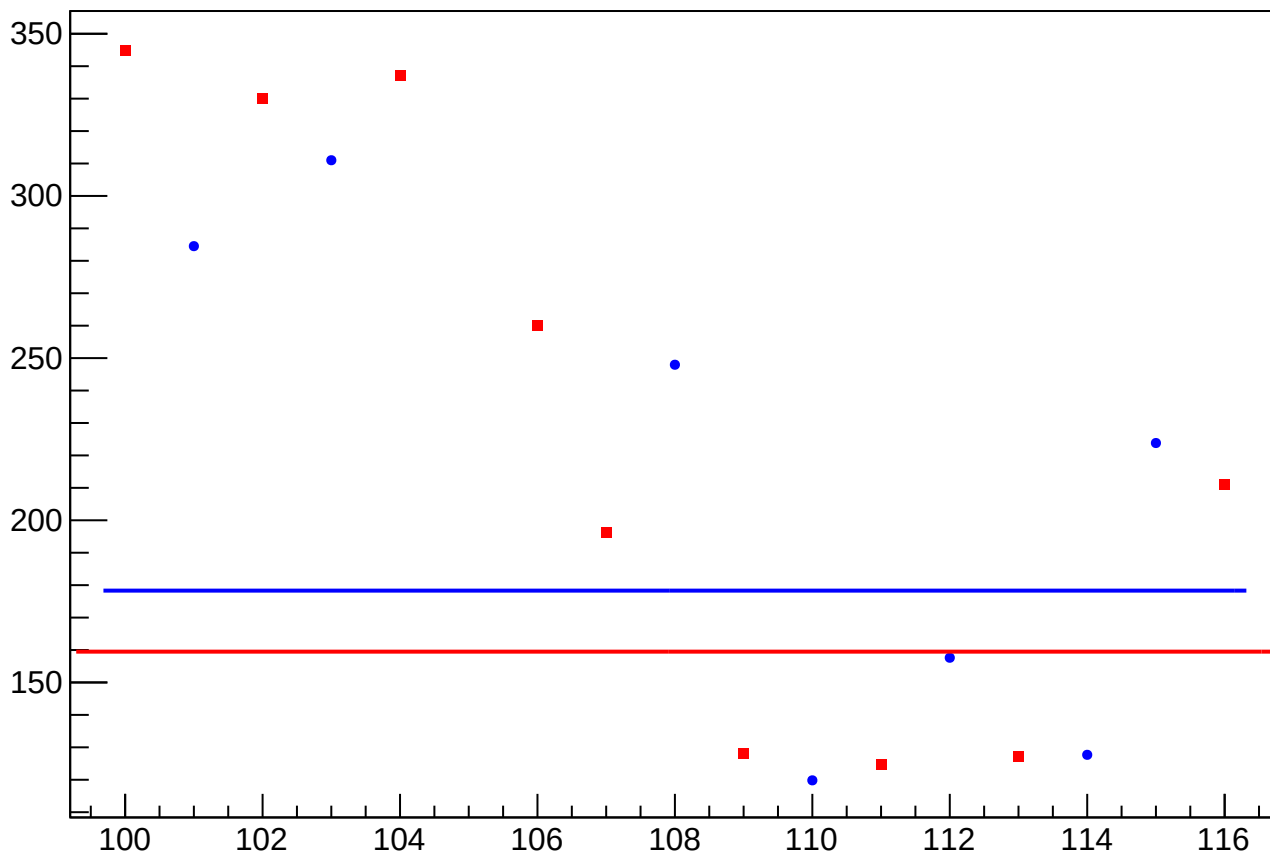
Right: -1078.801+/-72.961 χ^2/NDF : 4429.6/15

In: 2019.221+/-115.990 χ^2/NDF : 1680.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1078.801+/-72.961 χ^2/NDF : 4429.6/15

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 178.315+/-0.082 χ^2/NDF : 692375.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.500+/-0.066 χ^2/NDF : 978186.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

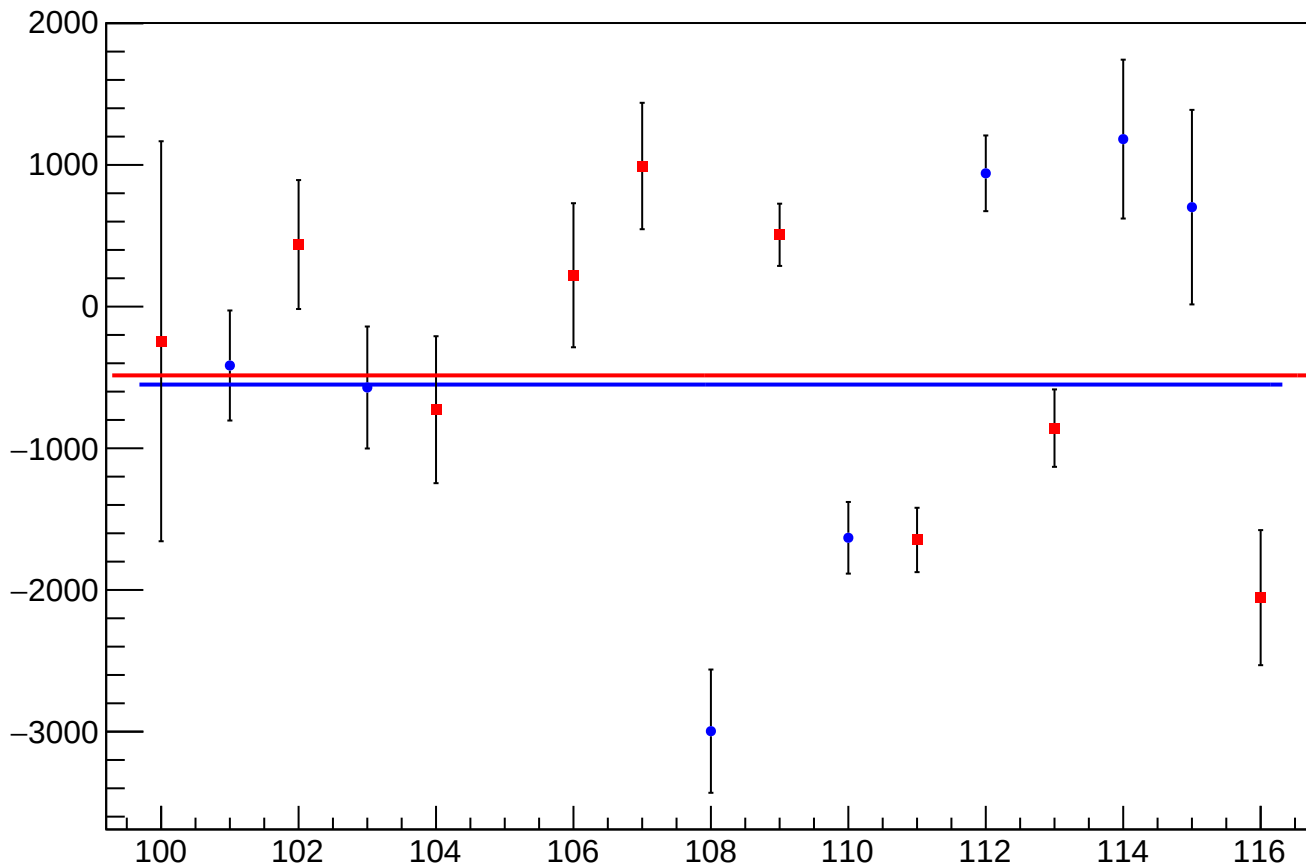
Right: 166.945+/-0.052 χ^2/NDF : 1702363.5/15

In: 178.315+/-0.082 χ^2/NDF : 692375.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.945+/-0.052 χ^2/NDF : 1702363.5/15

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -550.264+/-138.334 χ^2/NDF : 94.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.482+/-114.818 χ^2/NDF : 76.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

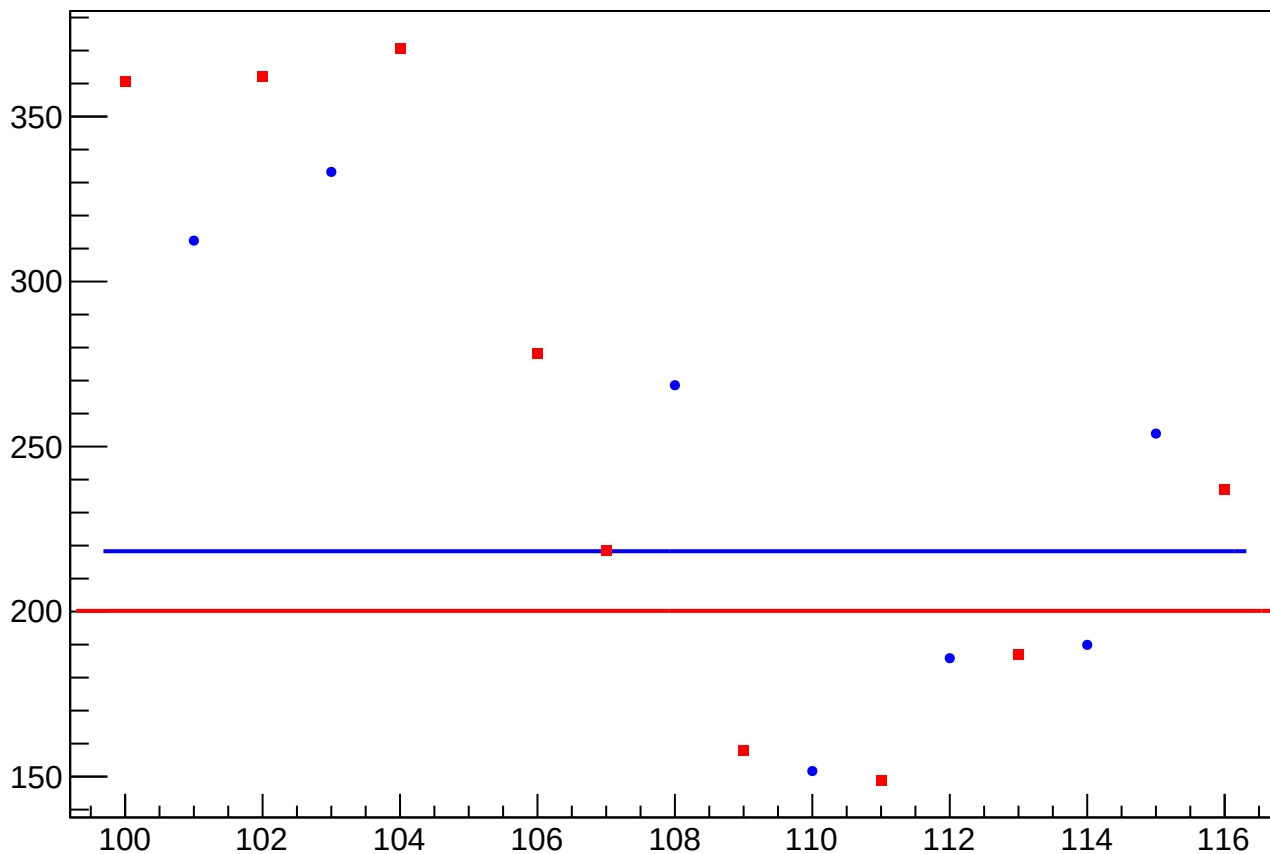
Right: -511.907+/-88.350 χ^2/NDF : 170.7/15

In: -550.264+/-138.334 χ^2/NDF : 94.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.907+/-88.350 χ^2/NDF : 170.7/15

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 218.287+/-0.098 χ^2/NDF : 465398.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.218+/-0.081 χ^2/NDF : 737269.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

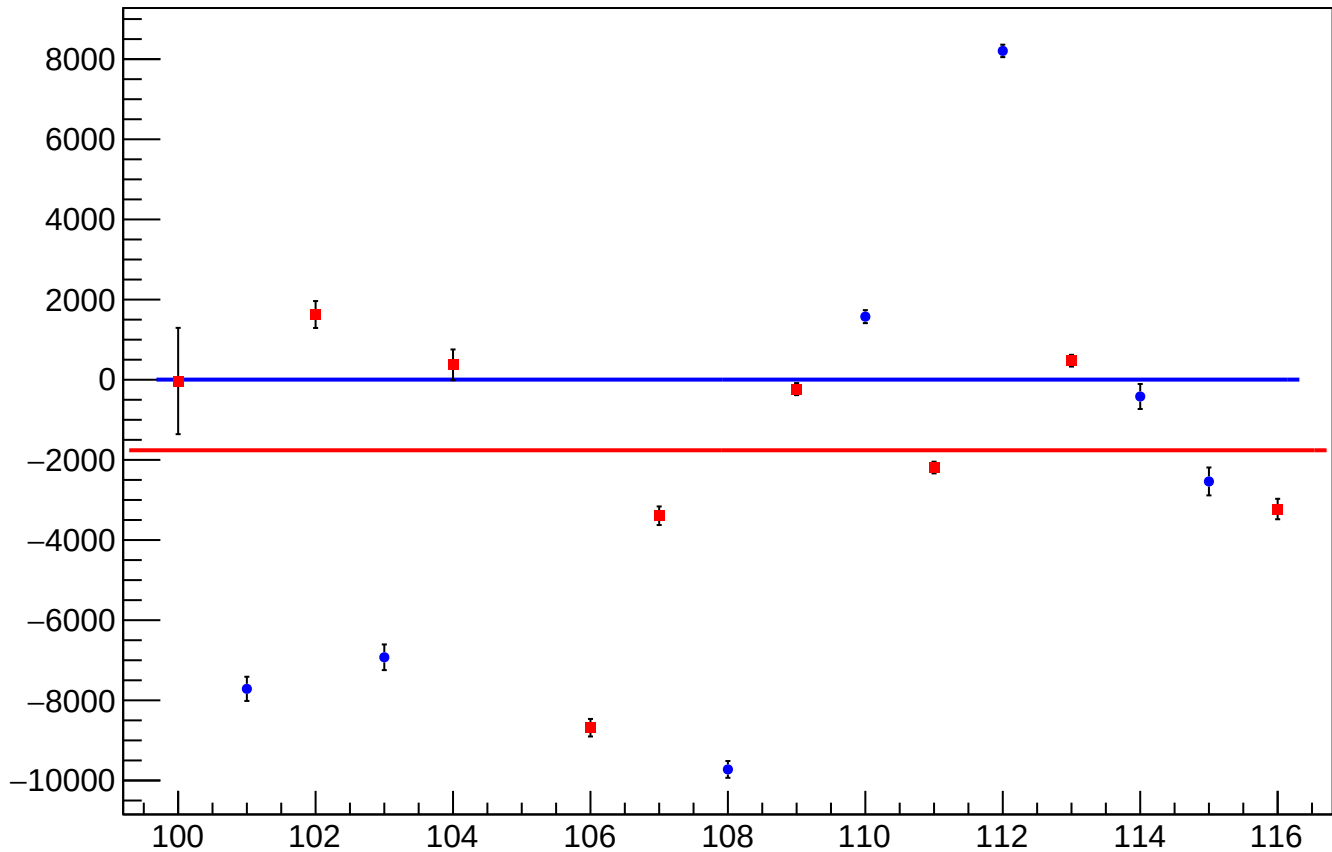
Right: 207.589+/-0.062 χ^2/NDF : 1222870.0/15

In: 218.287+/-0.098 χ^2/NDF : 465398.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.589+/-0.062 χ^2/NDF : 1222870.0/15

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 3.393+/-84.098 χ^2/NDF : 6203.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1760.005+/-69.167 χ^2/NDF : 1562.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

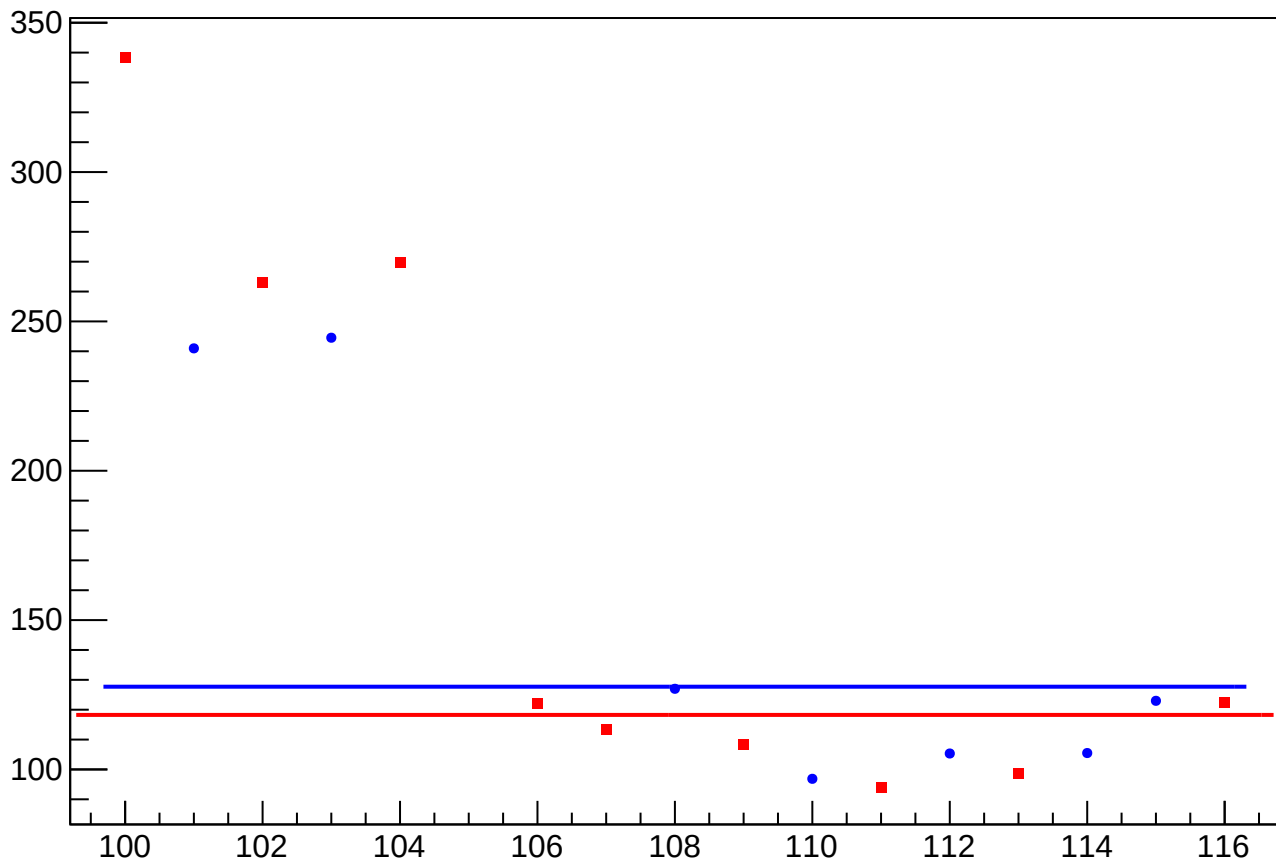
Right: -1048.479+/-53.420 χ^2/NDF : 8028.3/15

In: 3.393+/-84.098 χ^2/NDF : 6203.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1048.479+/-53.420 χ^2/NDF : 8028.3/15

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 127.701+/-0.059 χ^2/NDF : 671818.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.256+/-0.049 χ^2/NDF : 842044.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

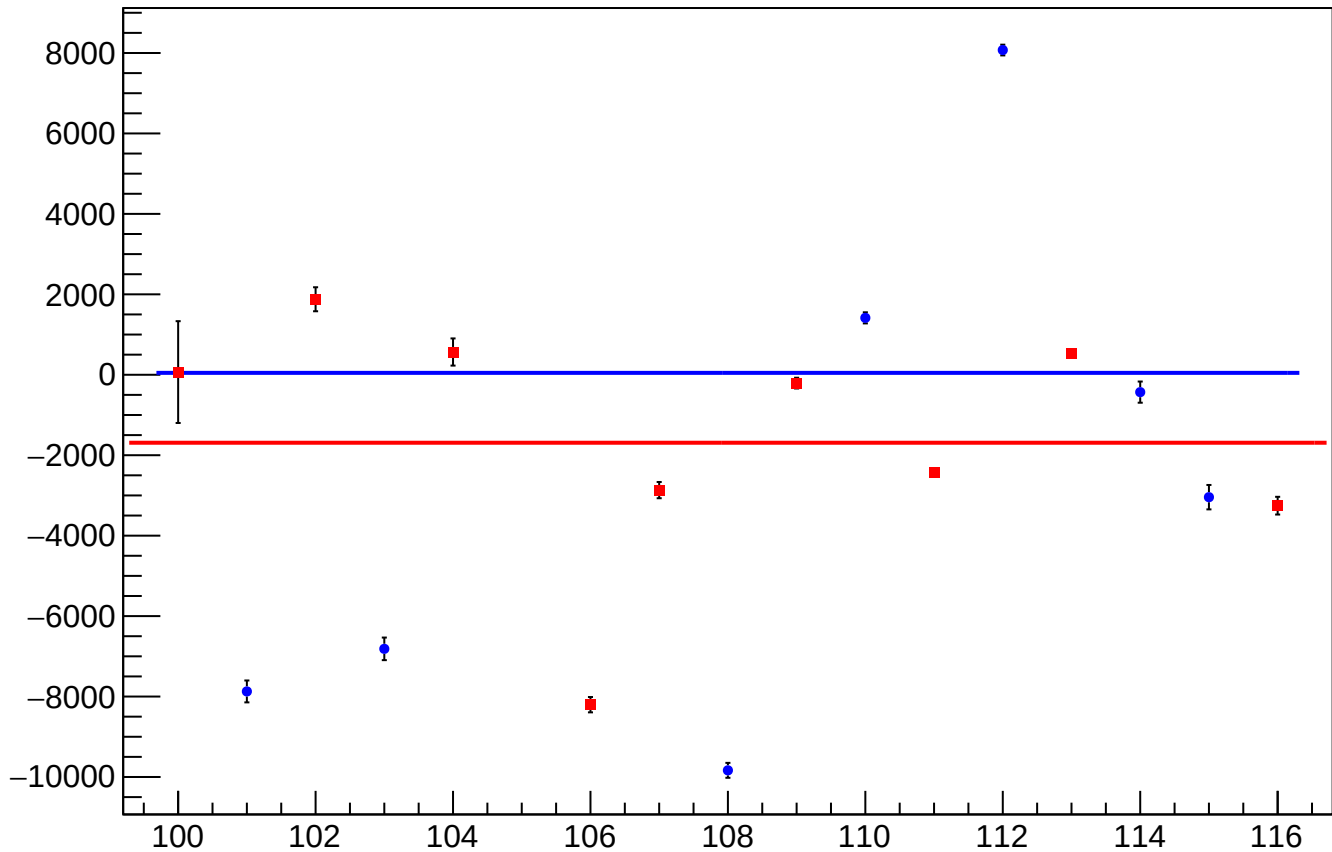
Right: 122.067+/-0.038 χ^2/NDF : 1528911.9/15

In: 127.701+/-0.059 χ^2/NDF : 671818.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.067+/-0.038 χ^2/NDF : 1528911.9/15

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 47.538+/-72.737 χ^2/NDF : 8094.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1689.706+/-59.538 χ^2/NDF : 1923.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

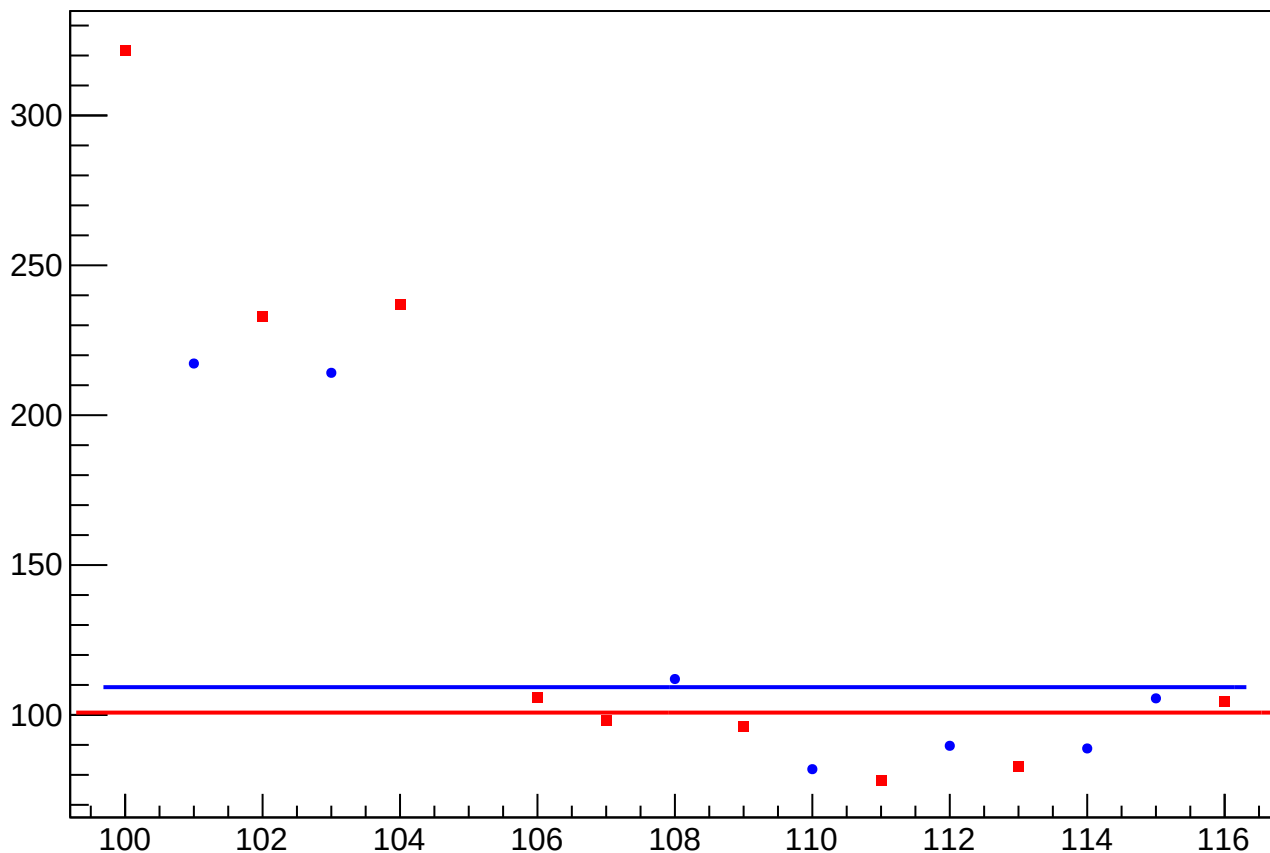
Right: -992.722+/-46.072 χ^2/NDF : 10359.3/15

In: 47.538+/-72.737 χ^2/NDF : 8094.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -992.722+/-46.072 χ^2/NDF : 10359.3/15

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 109.261+/-0.051 χ^2/NDF : 728045.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.777+/-0.042 χ^2/NDF : 894664.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

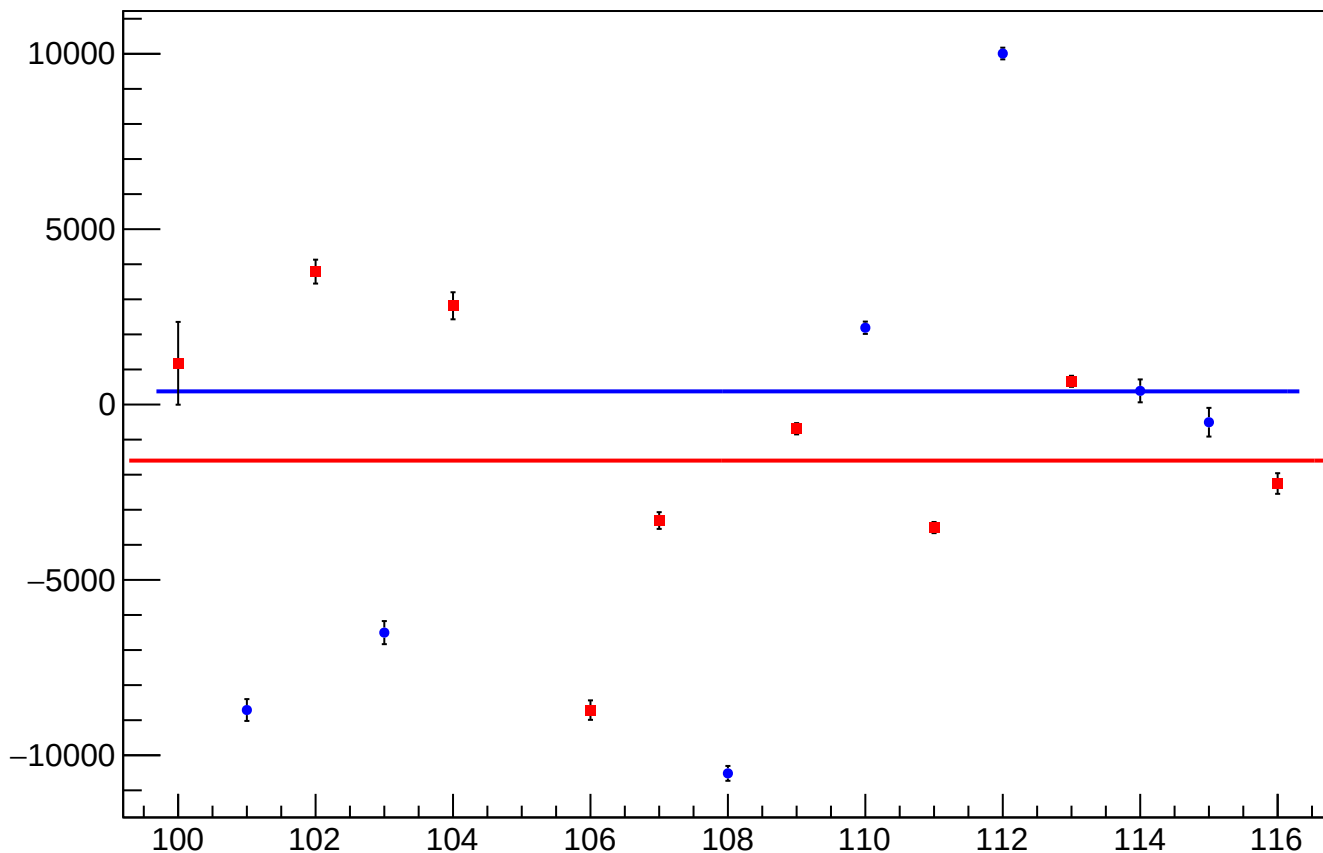
Right: 104.181+/-0.033 χ^2/NDF : 1639002.2/15

In: 109.261+/-0.051 χ^2/NDF : 728045.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.181+/-0.033 χ^2/NDF : 1639002.2/15

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 375.534+/-89.235 χ^2/NDF : 7377.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1598.184+/-75.168 χ^2/NDF : 1482.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

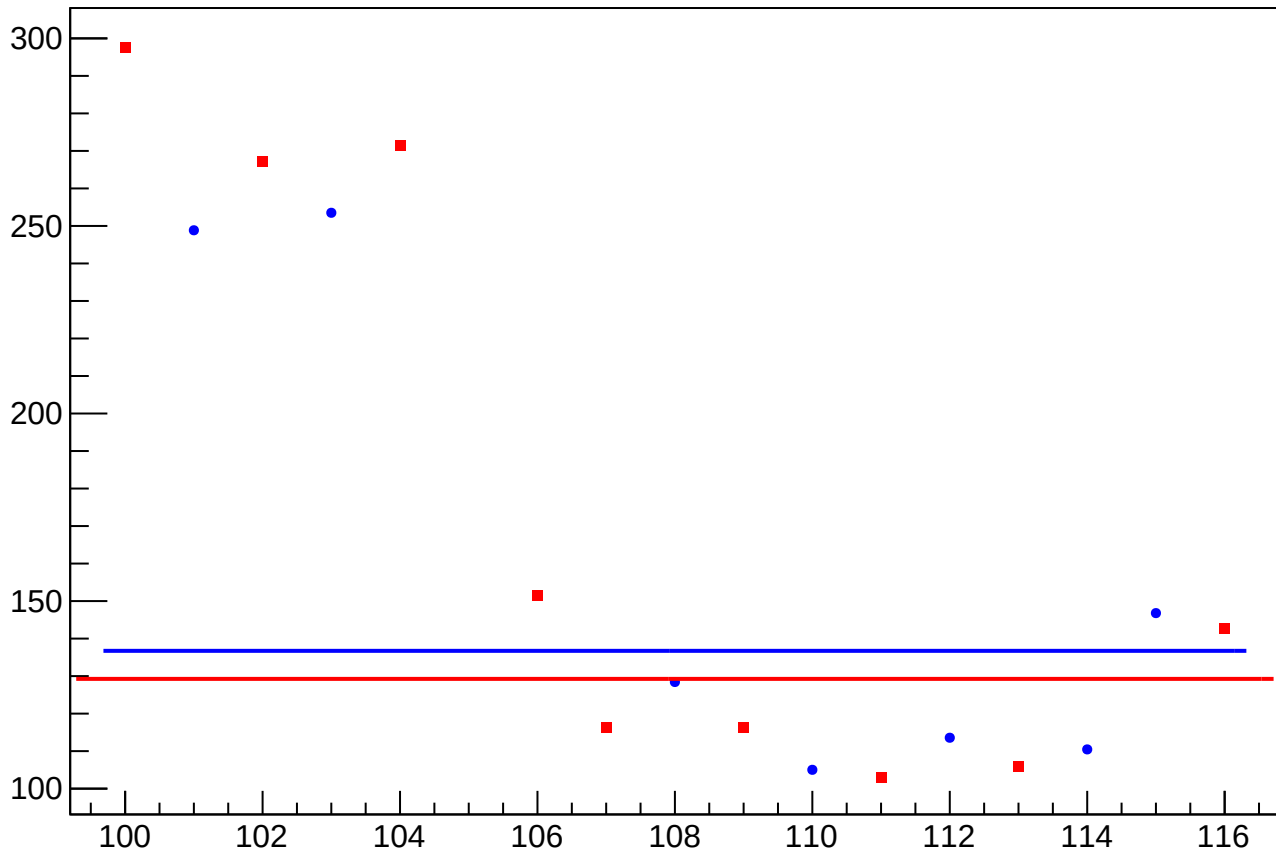
Right: -778.973+/-57.490 χ^2/NDF : 9146.1/15

In: 375.534+/-89.235 χ^2/NDF :7377.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -778.973+/-57.490 χ^2/NDF : 9146.1/15

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 136.735+/-0.063 χ^2/NDF : 632051.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.259+/-0.053 χ^2/NDF : 774049.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

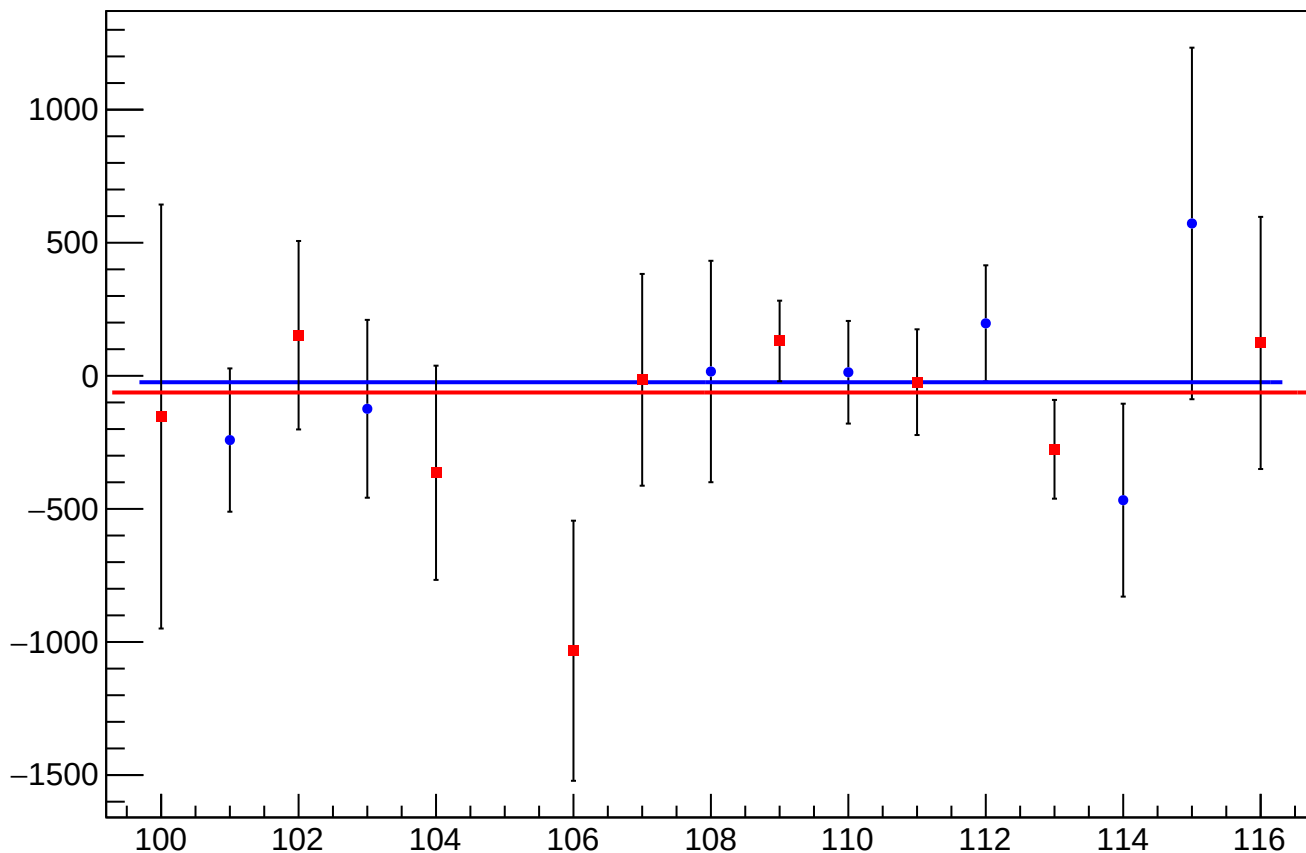
Right: 132.362+/-0.041 χ^2/NDF : 1414311.2/15

In: 136.735+/-0.063 χ^2/NDF : 632051.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.362+/-0.041 χ^2/NDF : 1414311.2/15

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -24.073+/-107.592 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.613+/-88.141 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

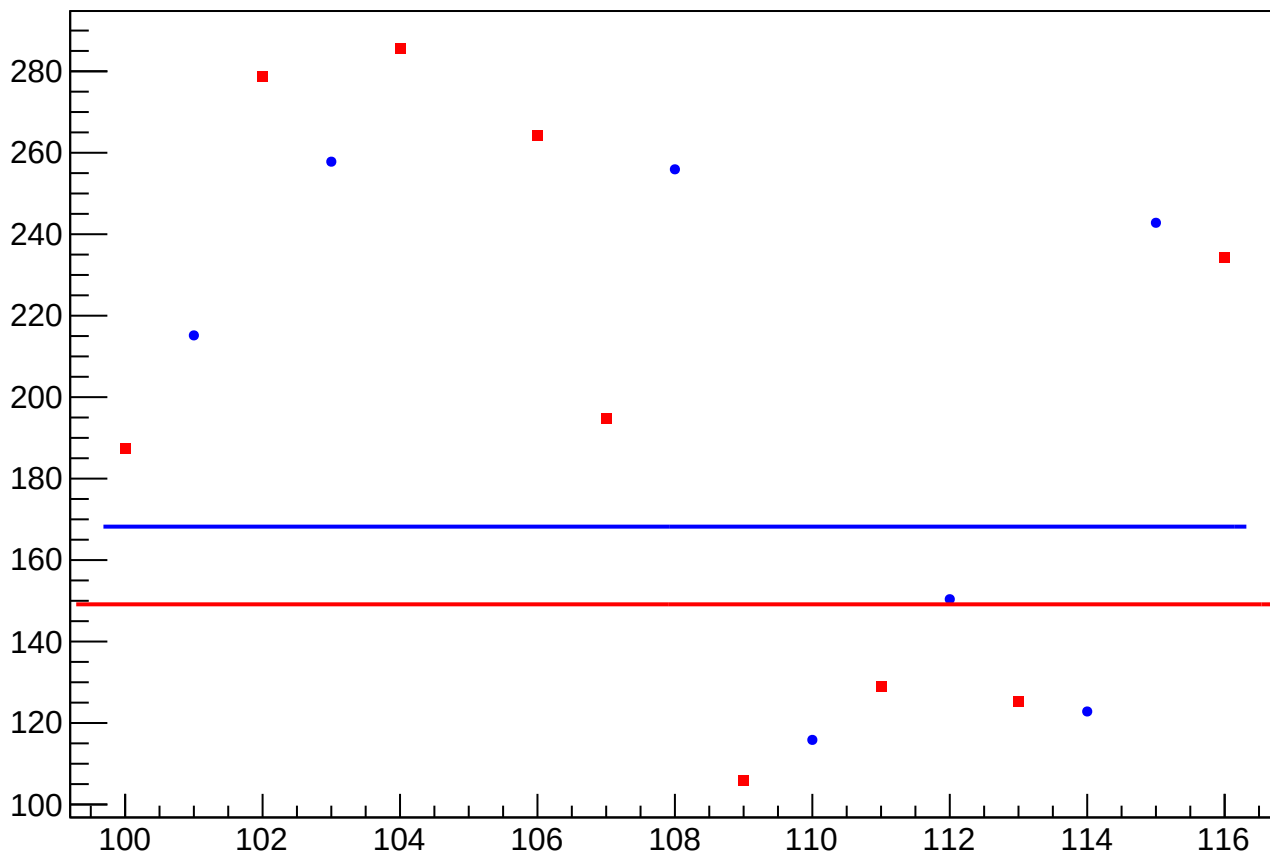
Right: -47.135+/-68.183 χ^2/NDF : 12.3/15

In: -24.073+/-107.592 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.135+/-68.183 χ^2/NDF : 12.3/15

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 168.211+/-0.076 χ^2/NDF : 511336.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.136+/-0.062 χ^2/NDF : 921133.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

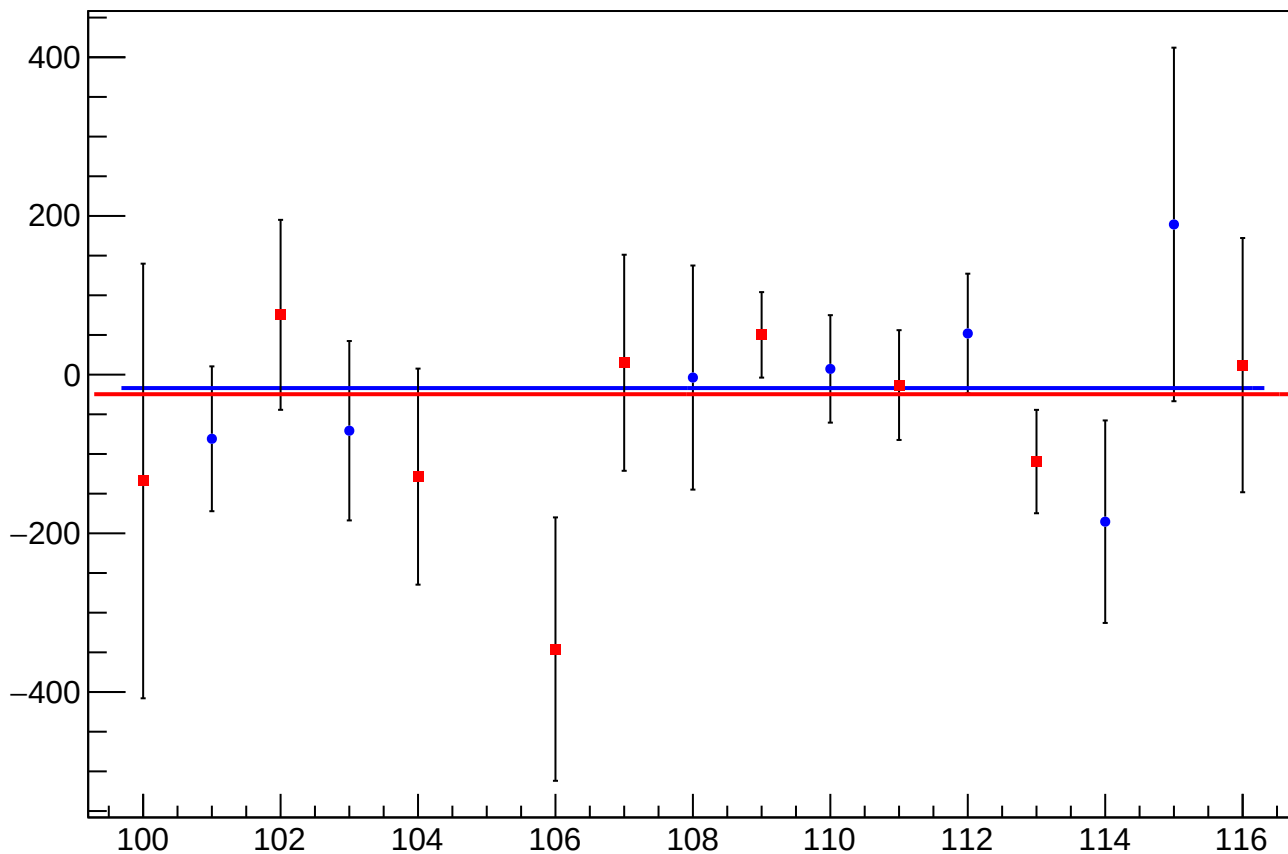
Right: 156.797+/-0.048 χ^2/NDF : 1470088.4/15

In: 168.211+/-0.076 χ^2/NDF : 511336.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.797+/-0.048 χ^2/NDF : 1470088.4/15

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -16.931 $\pm$ 37.157 χ^2 /NDF: 4.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.663 $\pm$ 30.784 χ^2 /NDF: 9.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

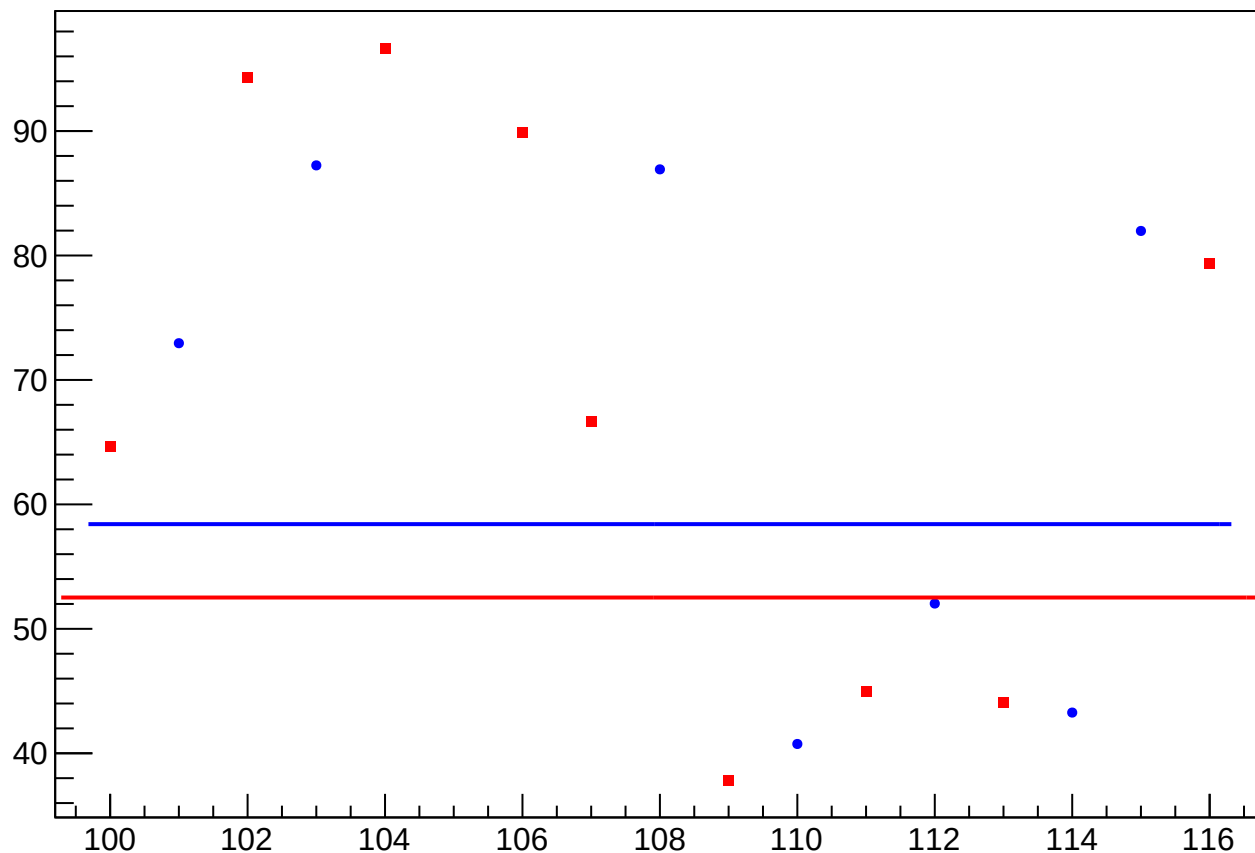
Right: -21.516 $\pm$ 23.705 χ^2 /NDF: 13.3/15

In: -16.931 $\pm$ 37.157 χ^2 /NDF:4.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.516 $\pm$ 23.705 χ^2 /NDF: 13.3/15

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 58.413+/-0.026 χ^2/NDF : 463285.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.517+/-0.022 χ^2/NDF : 841983.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

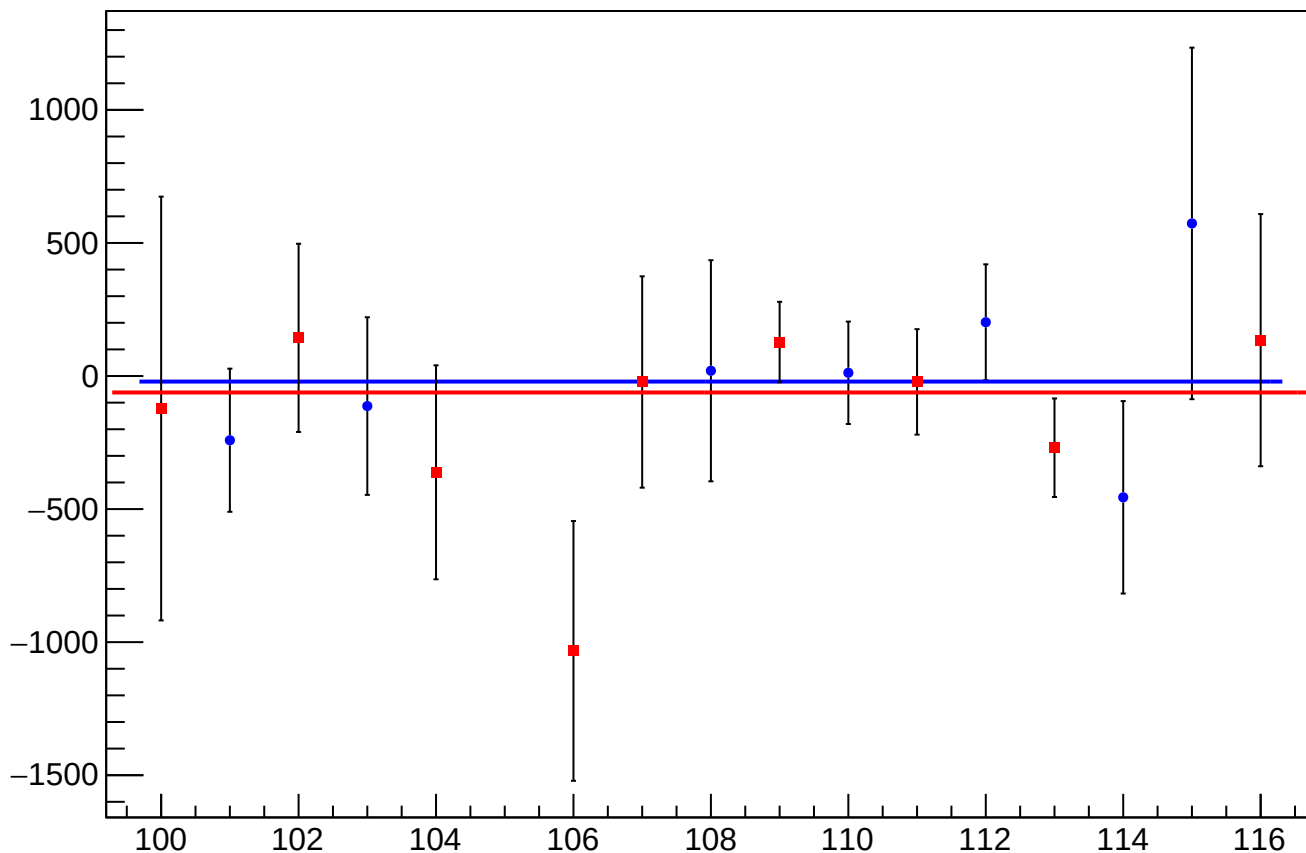
Right: 54.916+/-0.017 χ^2/NDF : 1335132.9/15

In: 58.413+/-0.026 χ^2/NDF : 463285.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.916+/-0.017 χ^2/NDF : 1335132.9/15

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -20.842 ± 107.413 χ^2/NDF : 4.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.827 ± 87.973 χ^2/NDF : 7.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

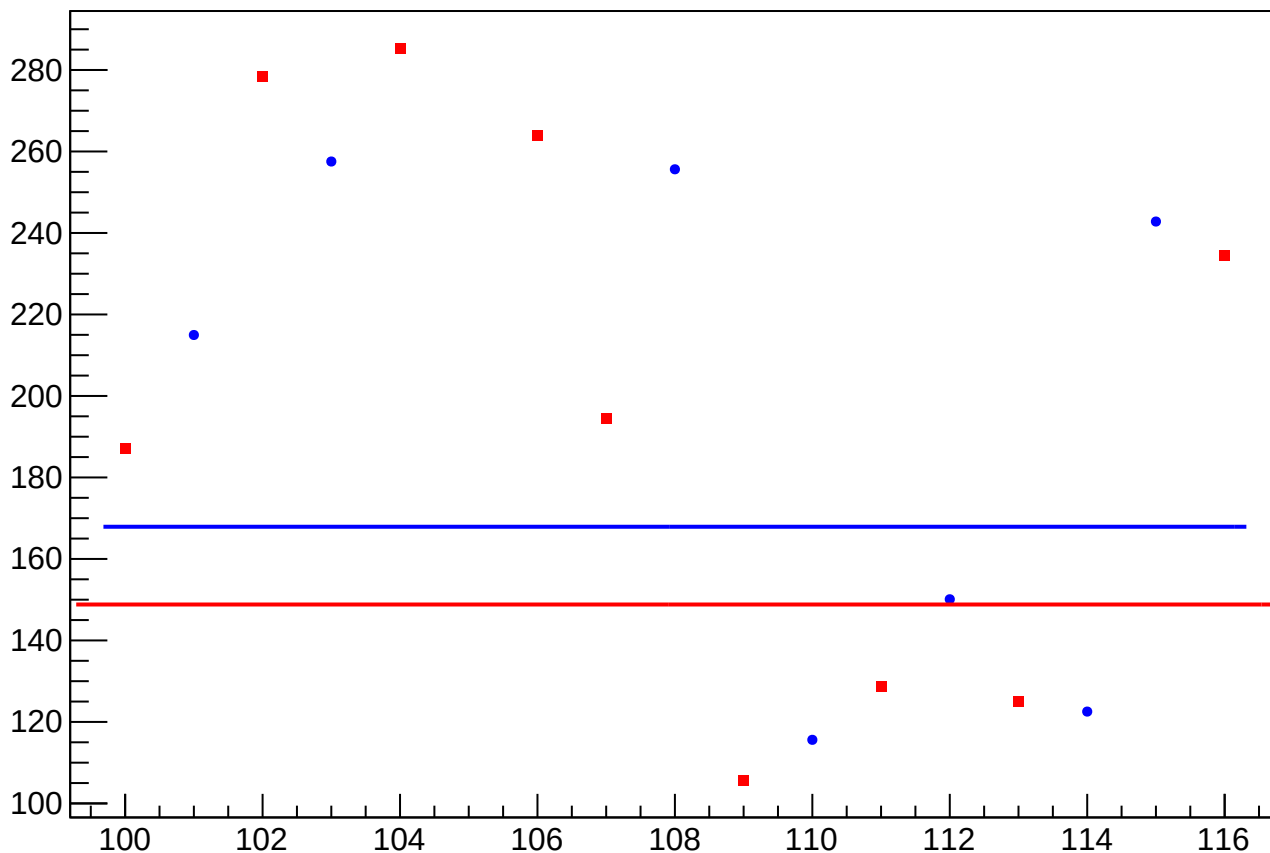
Right: -45.372 ± 68.060 χ^2/NDF : 12.1/15

In: -20.842 ± 107.413 χ^2/NDF : 4.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.372 ± 68.060 χ^2/NDF : 12.1/15

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 167.901+/-0.076 χ^2/NDF : 512982.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.819+/-0.062 χ^2/NDF : 923457.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

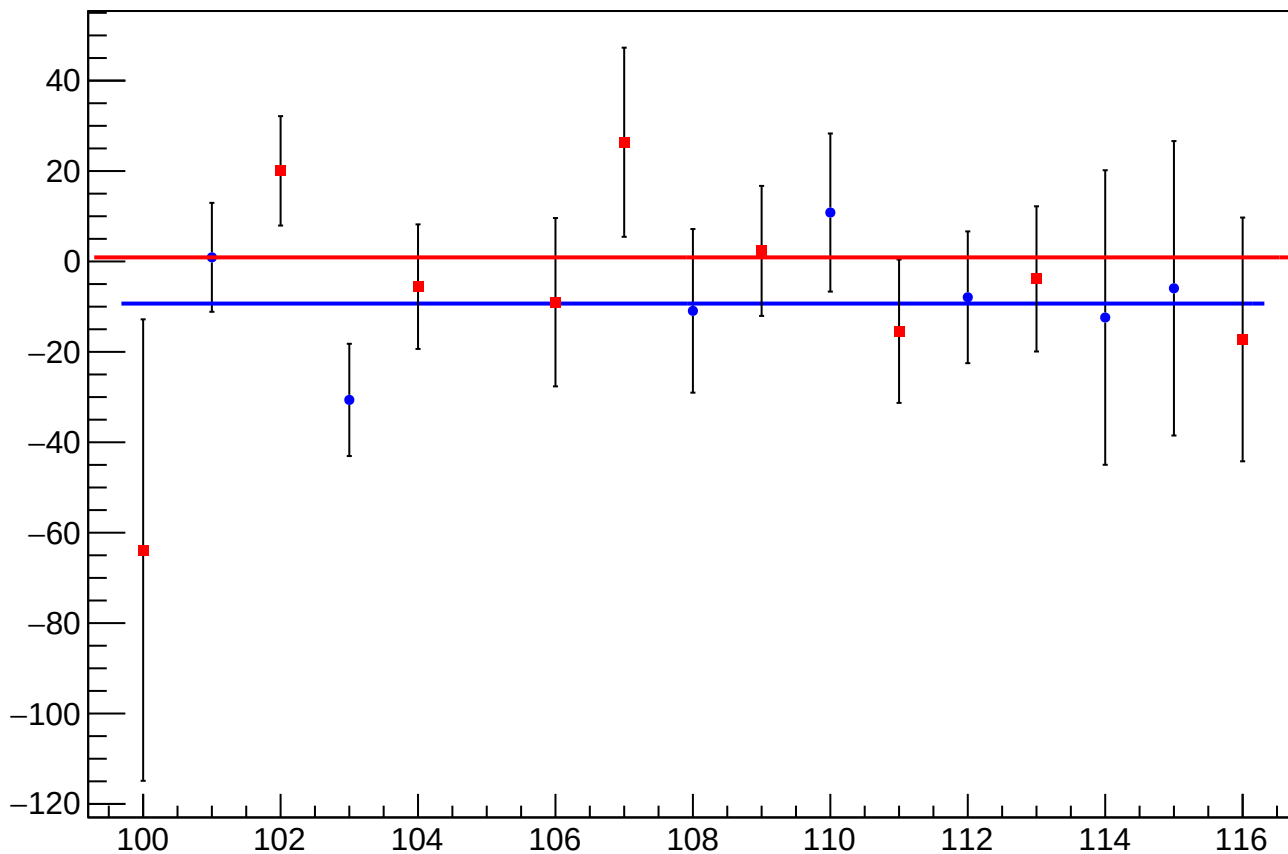
Right: 156.480+/-0.048 χ^2/NDF : 1474222.2/15

In: 167.901+/-0.076 χ^2/NDF : 512982.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.480+/-0.048 χ^2/NDF : 1474222.2/15

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -9.316+/-6.167 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.901+/-5.615 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

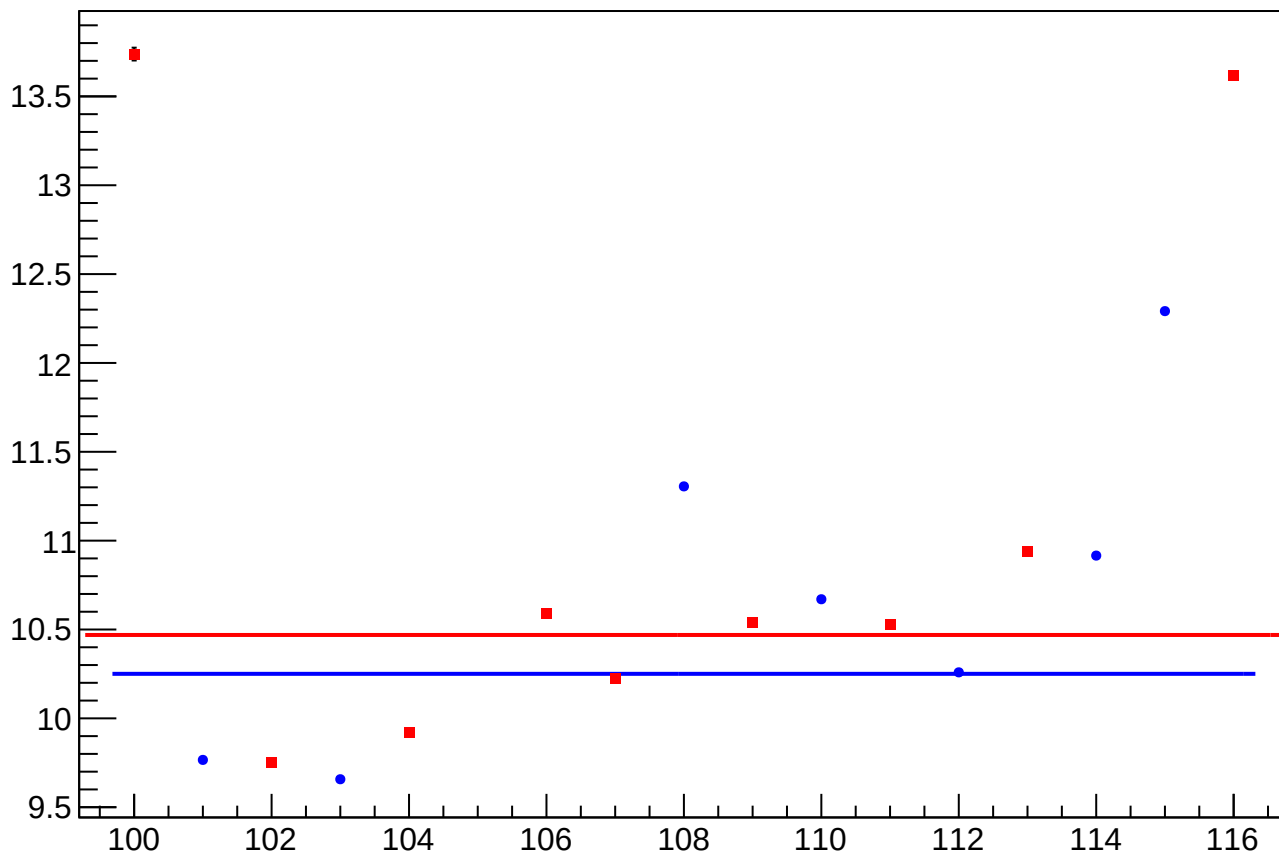
Right: -3.730+/-4.152 χ^2/NDF : 14.2/15

In: -9.316+/-6.167 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.730+/-4.152 χ^2/NDF : 14.2/15

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.251+/-0.004 χ^2/NDF : 24435.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.469+/-0.004 χ^2/NDF : 47854.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

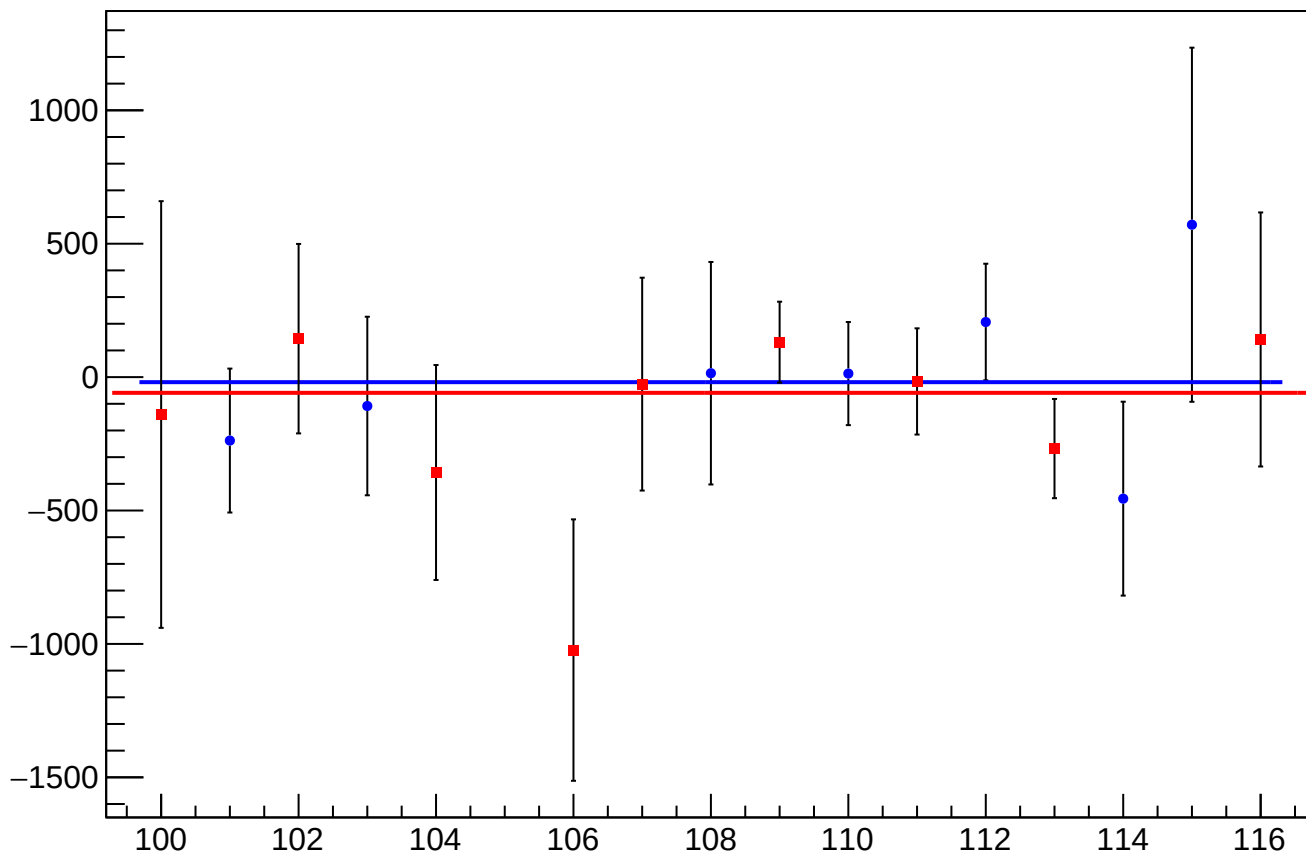
Right: 10.370+/-0.003 χ^2/NDF : 73664.7/15

In: 10.251+/-0.004 χ^2/NDF : 24435.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.370+/-0.003 χ^2/NDF : 73664.7/15

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -18.920+/-107.838 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.921+/-88.352 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

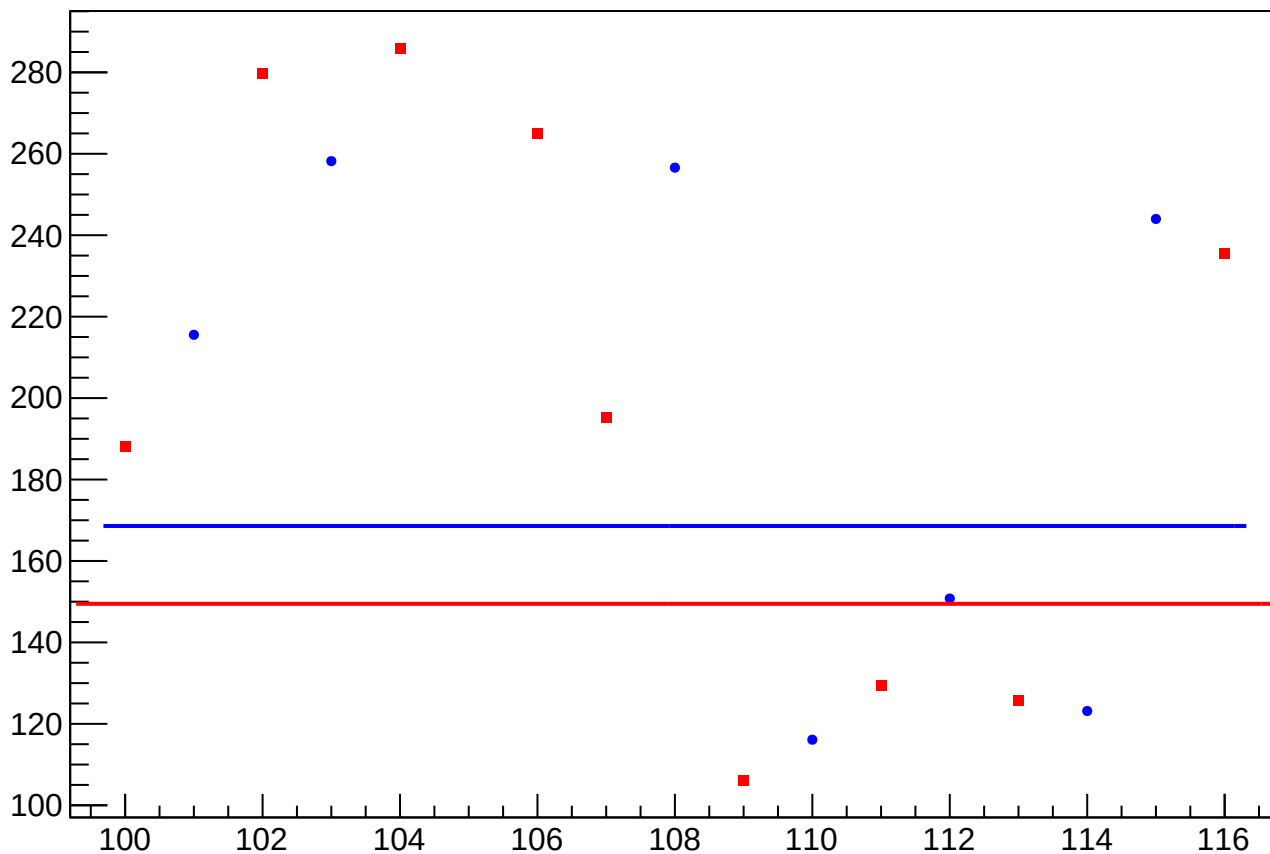
Right: -42.855+/-68.343 χ^2/NDF : 12.0/15

In: -18.920+/-107.838 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.855+/-68.343 χ^2/NDF : 12.0/15

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 168.594+/-0.076 χ^2/NDF : 511079.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.478+/-0.062 χ^2/NDF : 921900.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

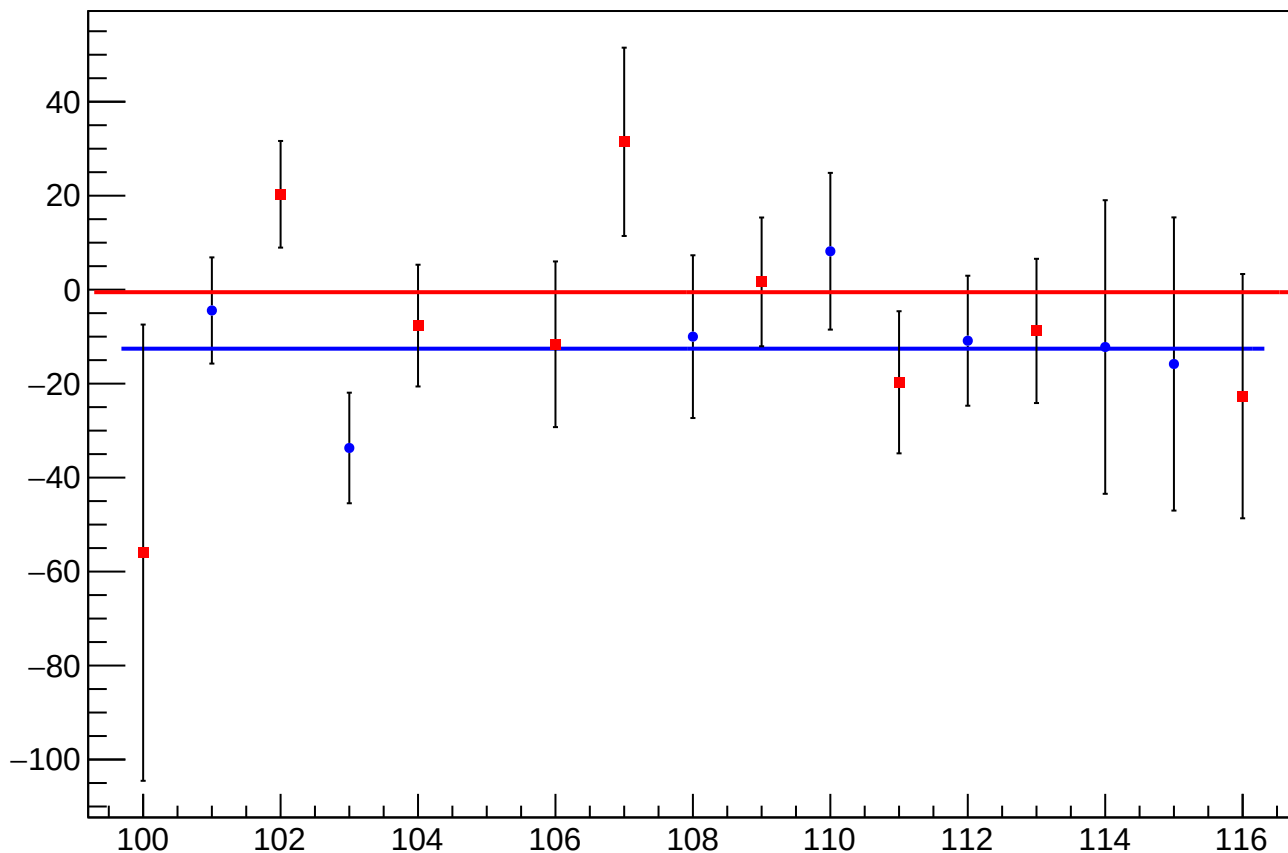
Right: 157.156+/-0.048 χ^2/NDF : 1470584.7/15

In: 168.594+/-0.076 χ^2/NDF :511079.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 157.156+/-0.048 χ^2/NDF : 1470584.7/15

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -12.562+/-5.847 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.538+/-5.324 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

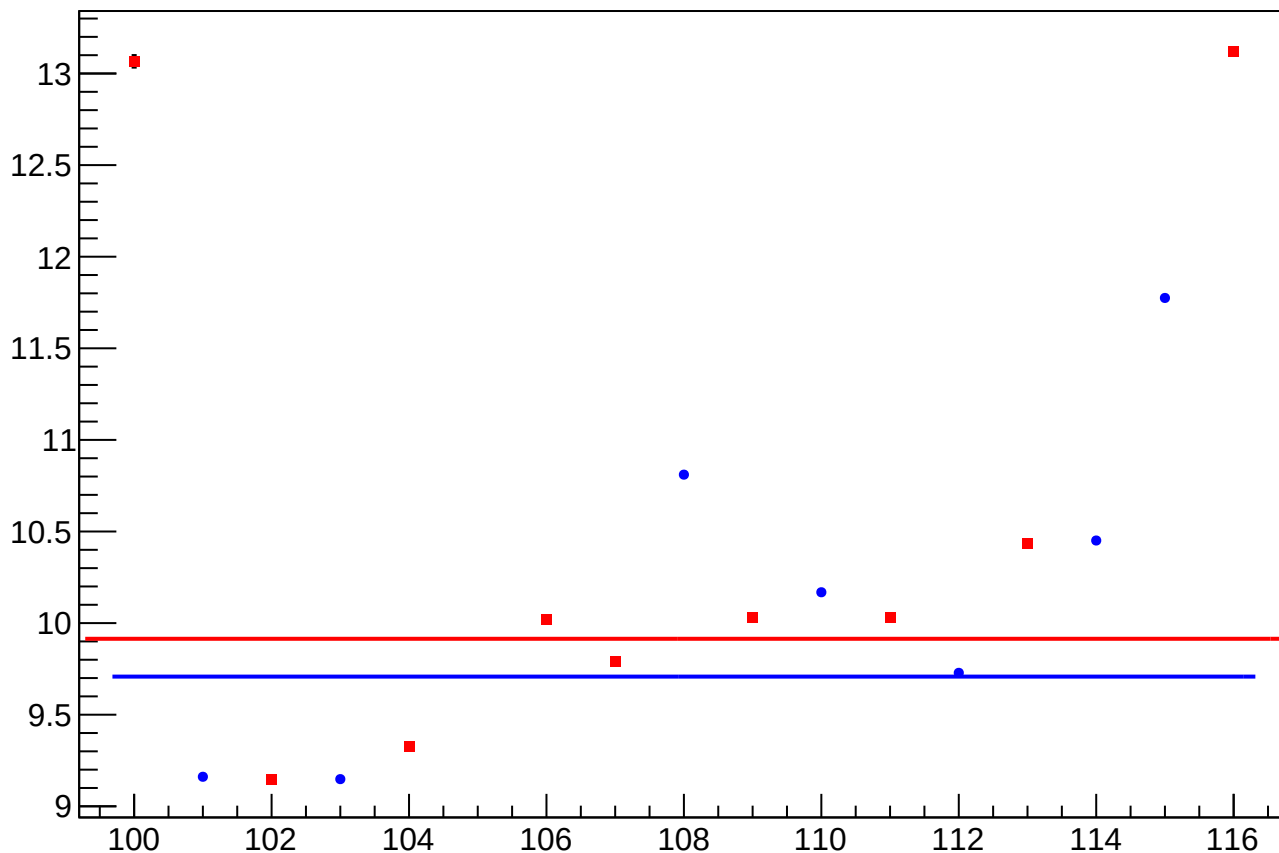
Right: -5.989+/-3.937 χ^2/NDF : 18.2/15

In: -12.562+/-5.847 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.989+/-3.937 χ^2/NDF : 18.2/15

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.708+/-0.004 χ^2/NDF : 28743.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.914+/-0.004 χ^2/NDF : 54853.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

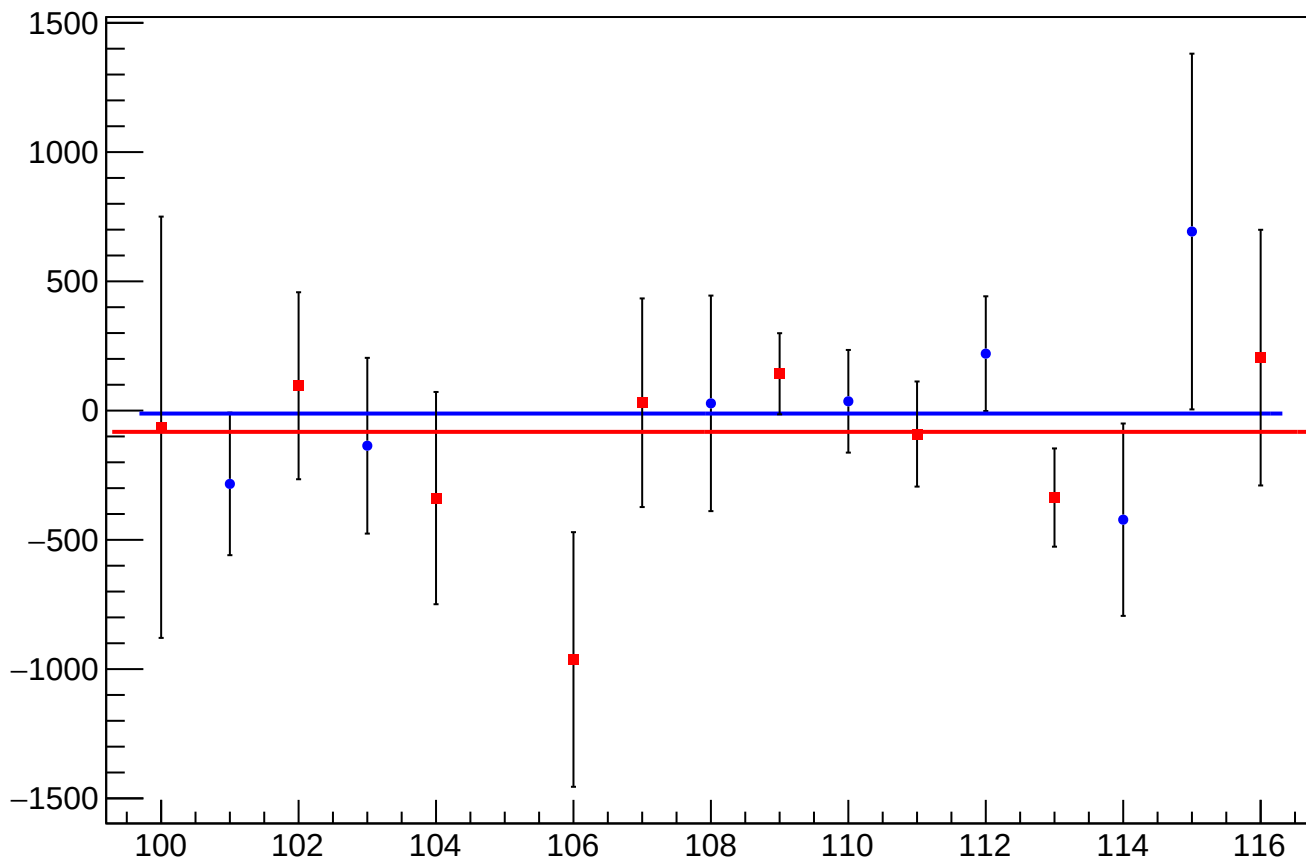
Right: 9.821+/-0.003 χ^2/NDF : 84958.9/15

In: 9.708+/-0.004 χ^2/NDF : 28743.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.821+/-0.003 χ^2/NDF : 84958.9/15

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -11.419+/-110.053 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.240+/-90.554 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

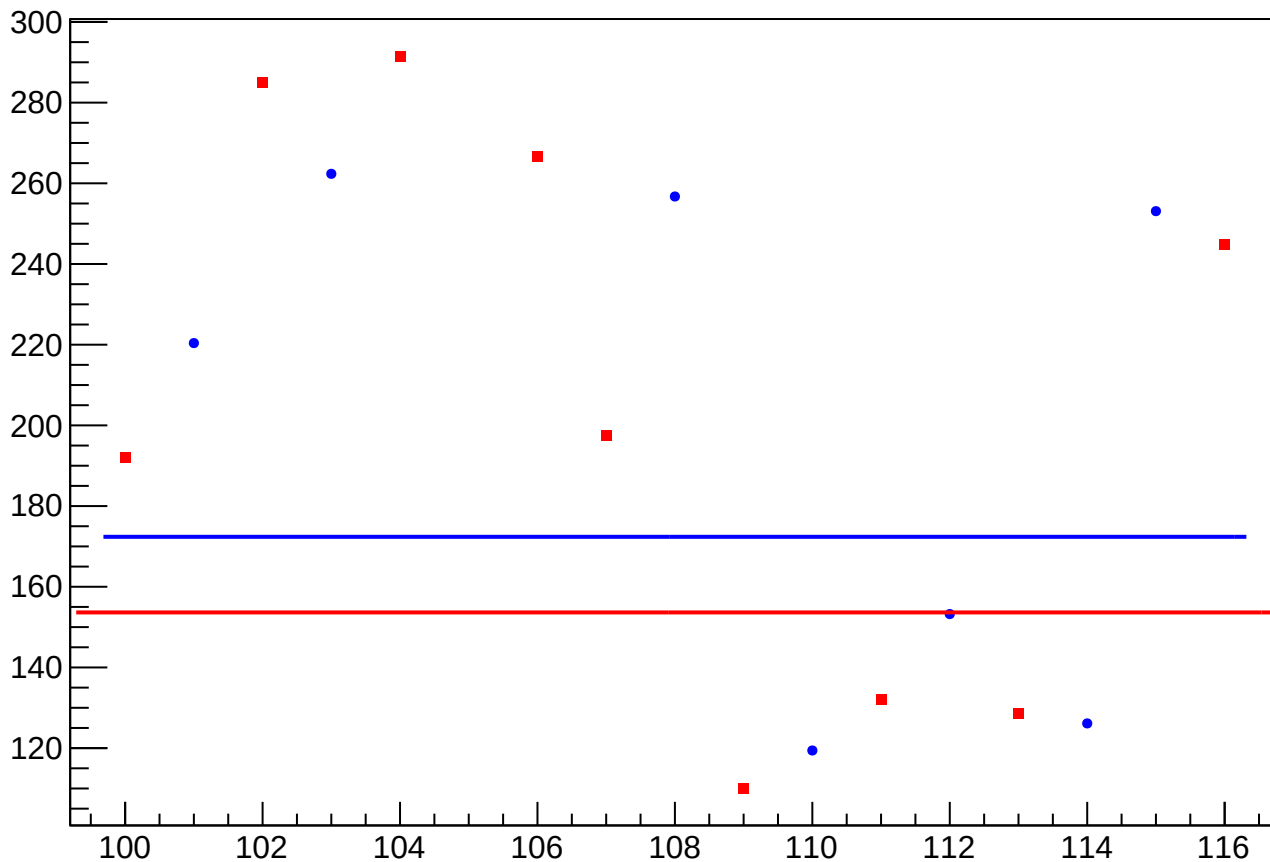
Right: -53.649+/-69.925 χ^2/NDF : 12.9/15

In: -11.419+/-110.053 χ^2/NDF :4.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -53.649+/-69.925 χ^2/NDF : 12.9/15

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.380+/-0.078 χ^2/NDF : 498232.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.638+/-0.064 χ^2/NDF : 901638.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

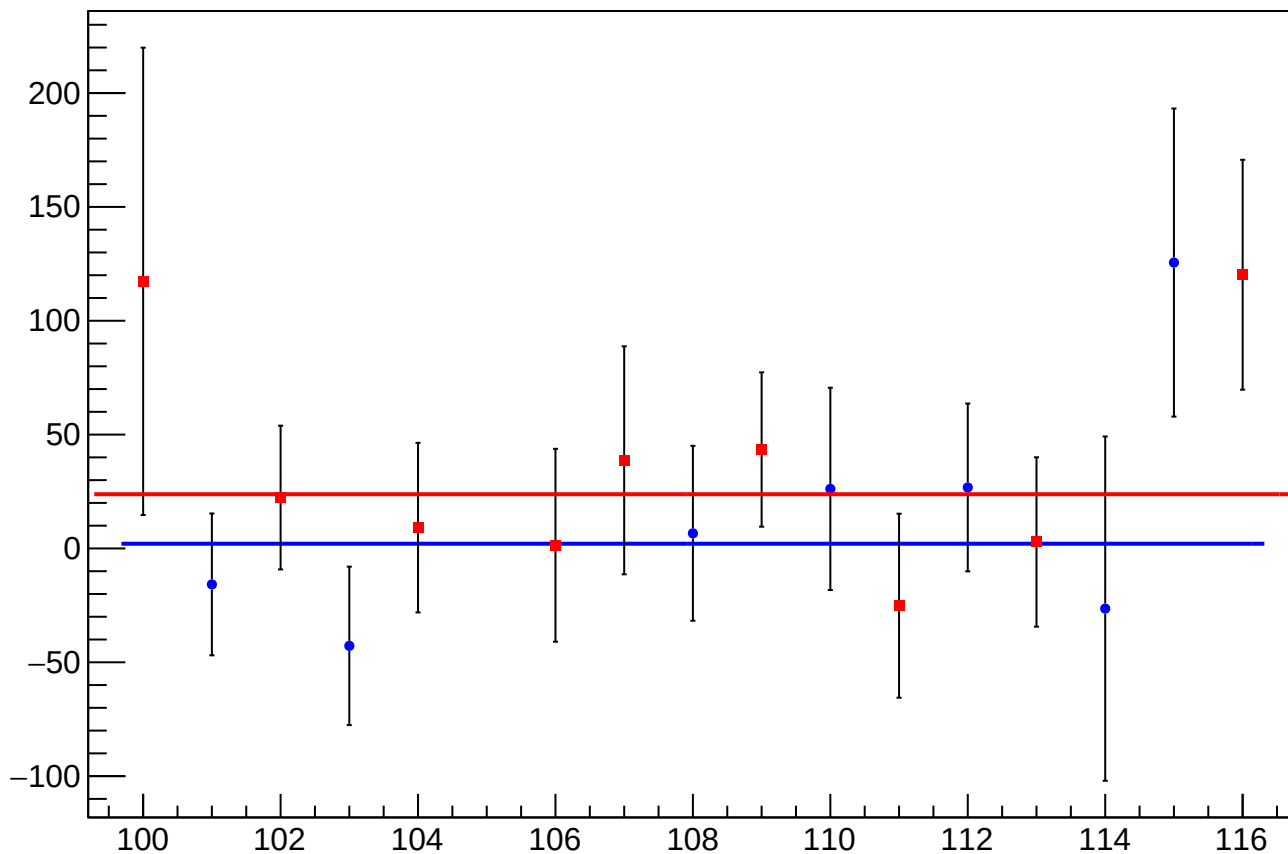
Right: 161.205+/-0.049 χ^2/NDF : 1434458.7/15

In: 172.380+/-0.078 χ^2/NDF : 498232.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.205+/-0.049 χ^2/NDF : 1434458.7/15

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 2.075+/-15.485 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.823+/-13.641 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

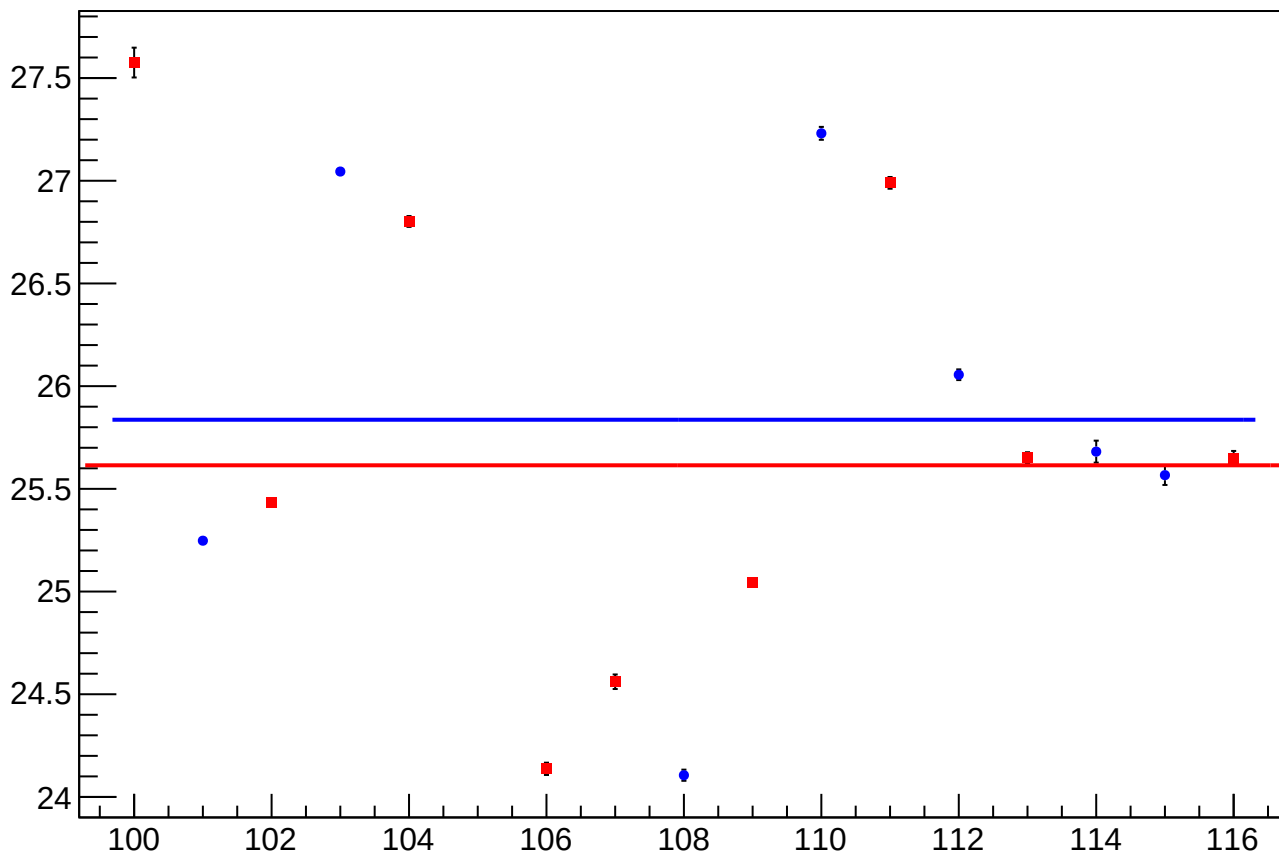
Right: 14.320+/-10.236 χ^2/NDF : 14.5/15

In: 2.075+/-15.485 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.320+/-10.236 χ^2/NDF : 14.5/15

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.836+/-0.011 χ^2/NDF : 9267.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.615+/-0.010 χ^2/NDF : 9036.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

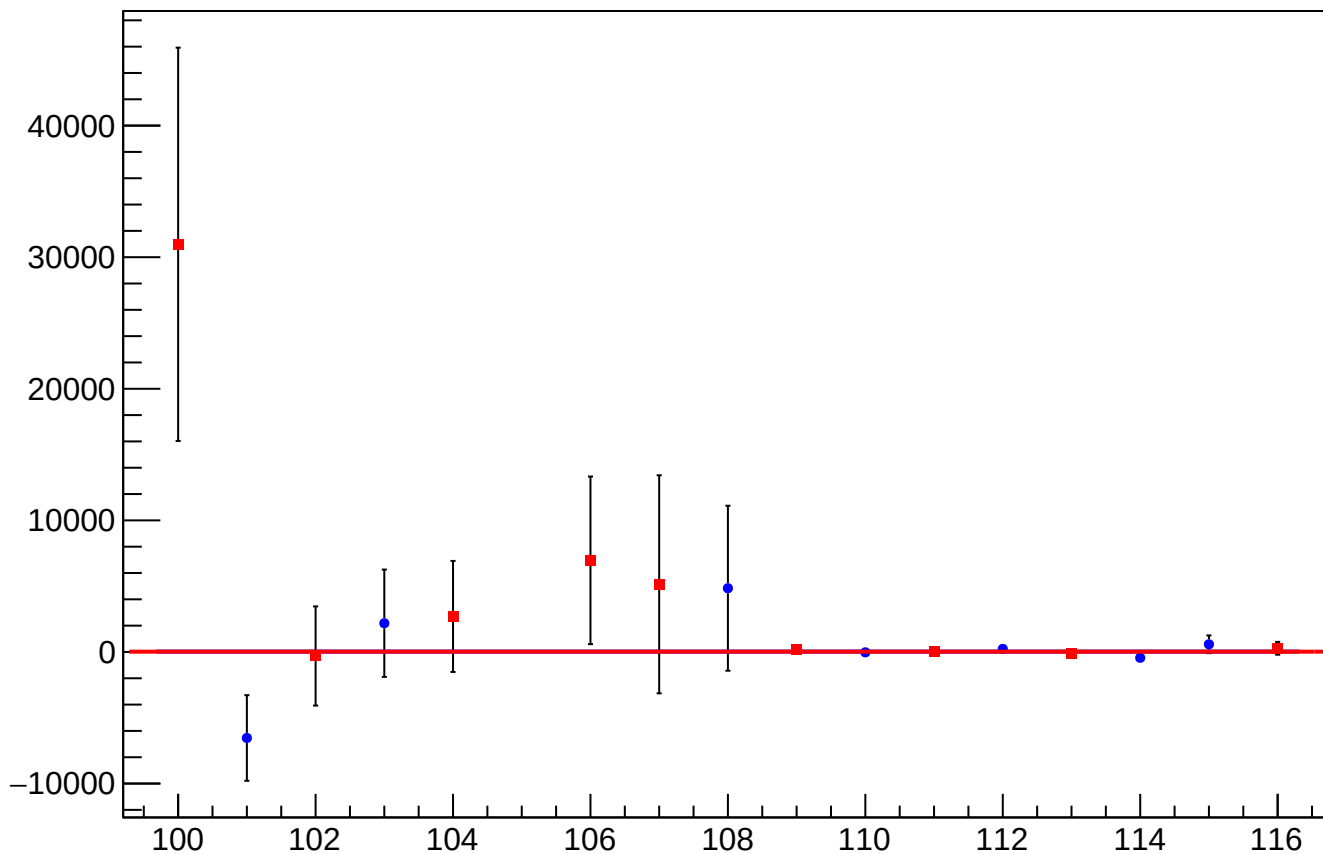
Right: 25.712+/-0.007 χ^2/NDF : 18535.2/15

In: 25.836+/-0.011 χ^2/NDF : 9267.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.712+/-0.007 χ^2/NDF : 18535.2/15

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 29.144+/-131.524 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.931+/-110.578 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

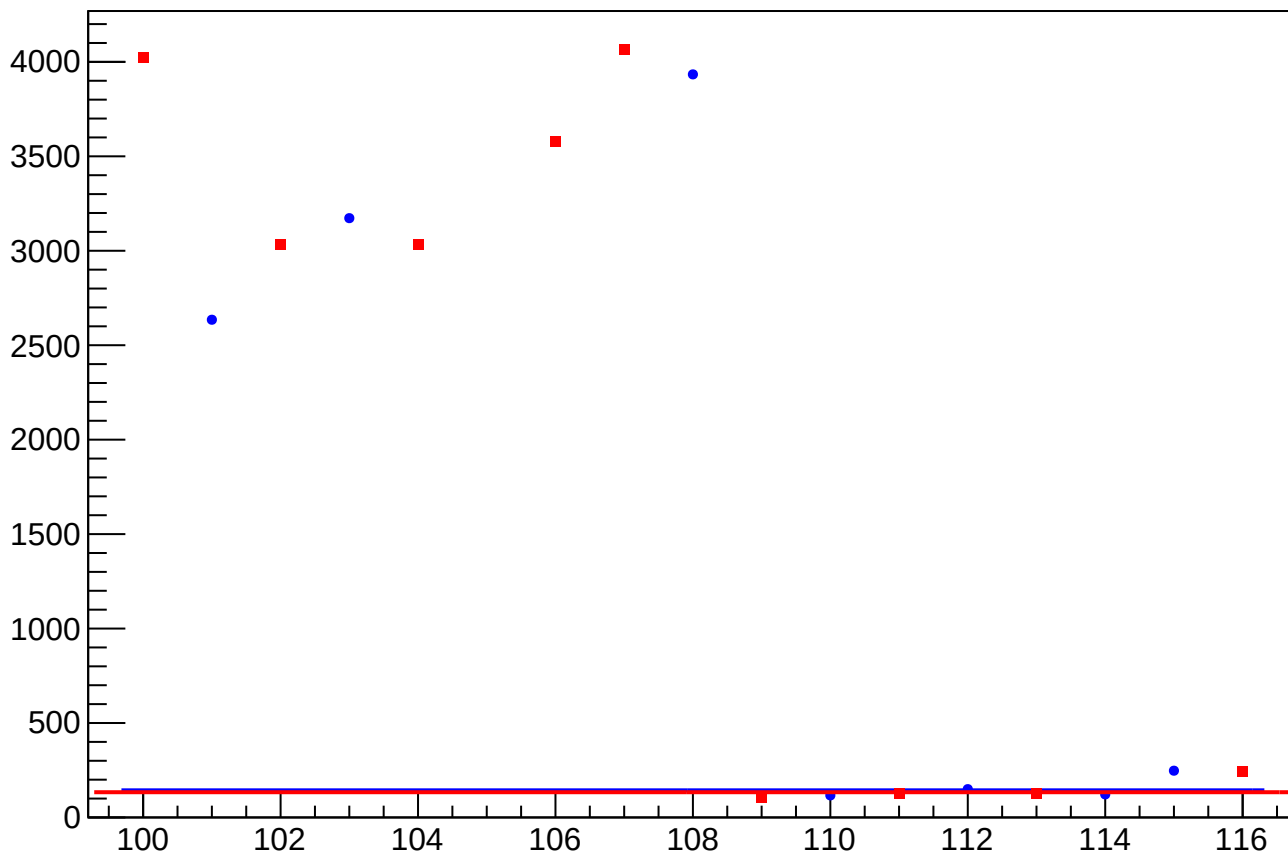
Right: 24.918+/-84.639 χ^2/NDF : 16.2/15

In: 29.144+/-131.524 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.918+/-84.639 χ^2/NDF : 16.2/15

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 143.616+/-0.093 χ^2/NDF : 3100825.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.616+/-0.078 χ^2/NDF : 3438398.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

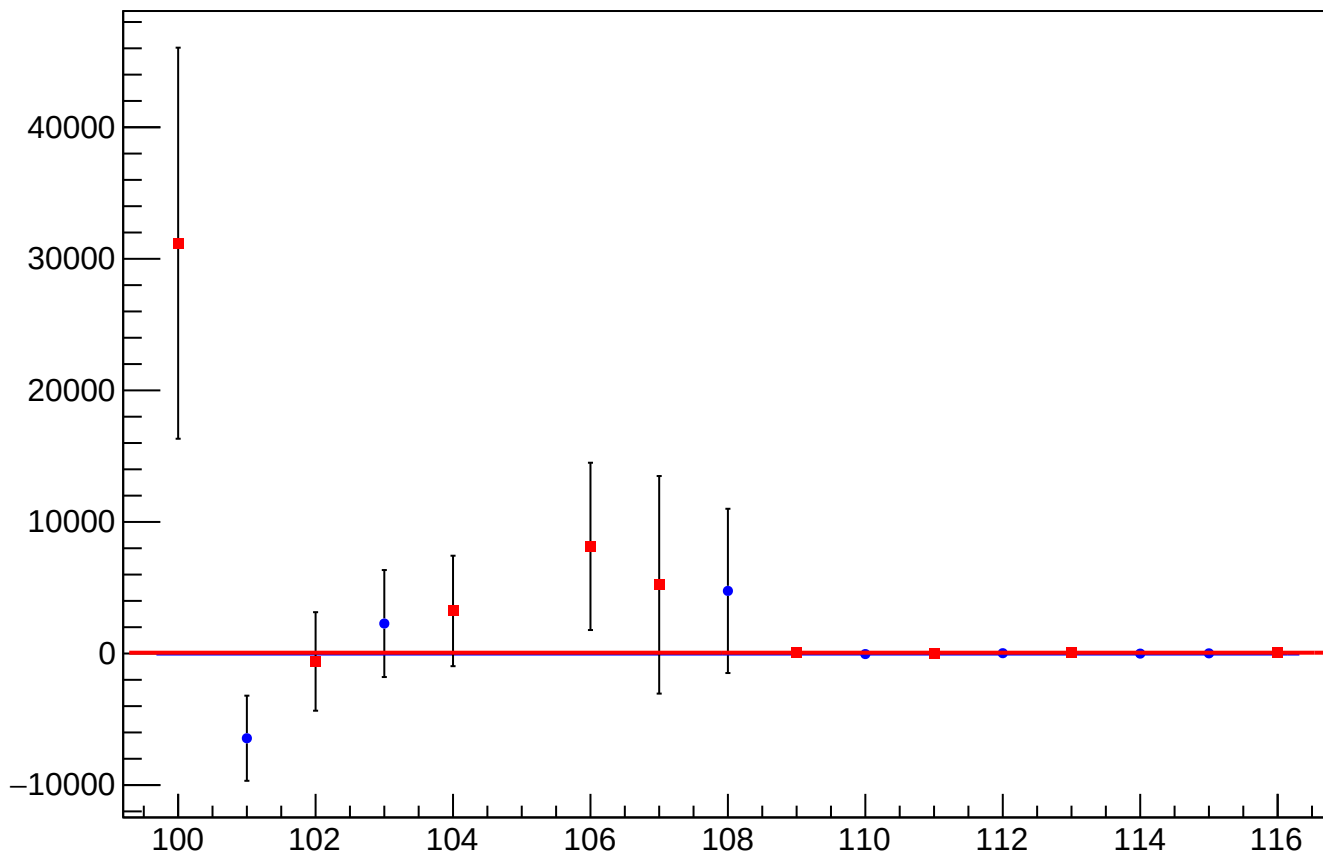
Right: 137.757+/-0.060 χ^2/NDF : 6545996.4/15

In: 143.616+/-0.093 χ^2/NDF :3100825.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.757+/-0.060 χ^2/NDF : 6545996.4/15

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.163+/-25.356 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.758+/-22.730 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

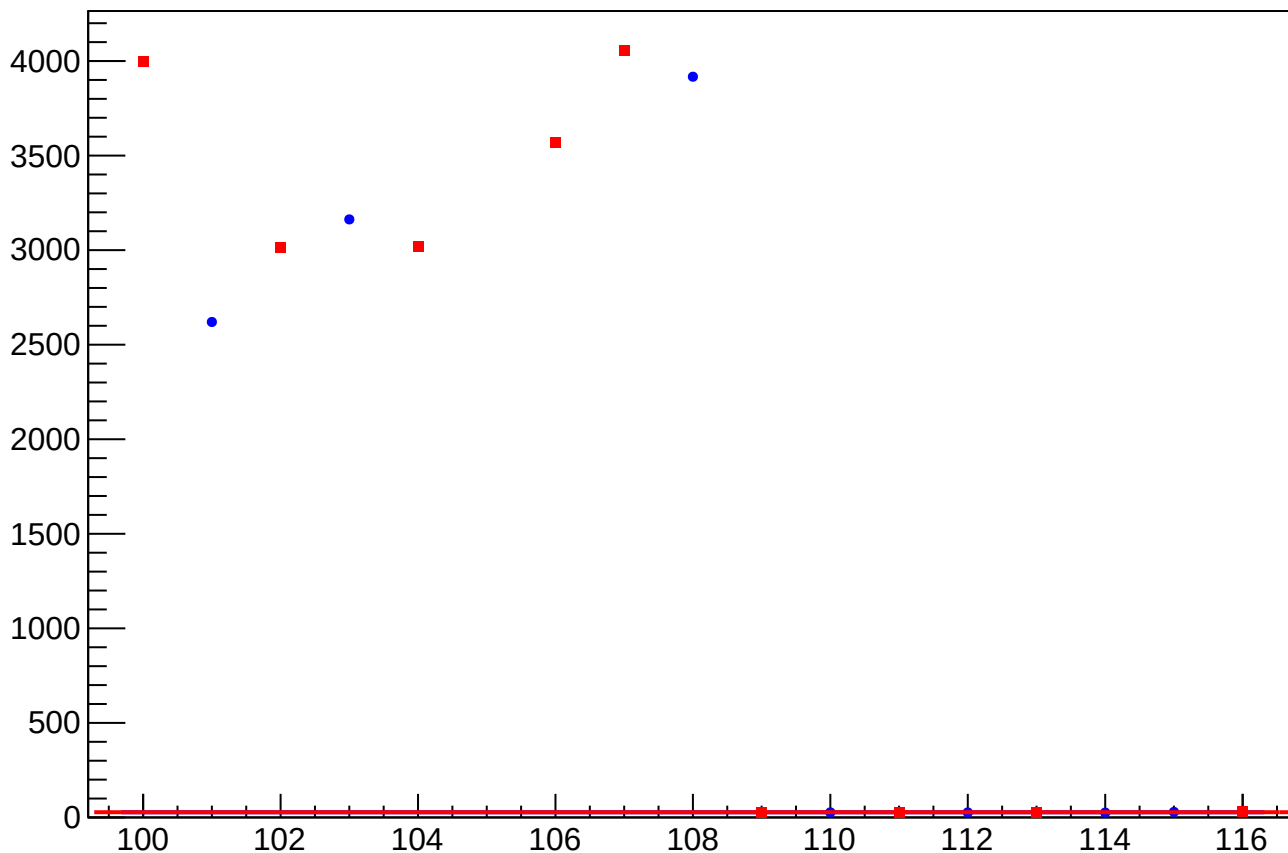
Right: 32.831+/-16.925 χ^2/NDF : 19.9/15

In: -3.163+/-25.356 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.831+/-16.925 χ^2/NDF : 19.9/15

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.321+/-0.018 χ^2/NDF : 3252811.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.633+/-0.016 χ^2/NDF : 3537265.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

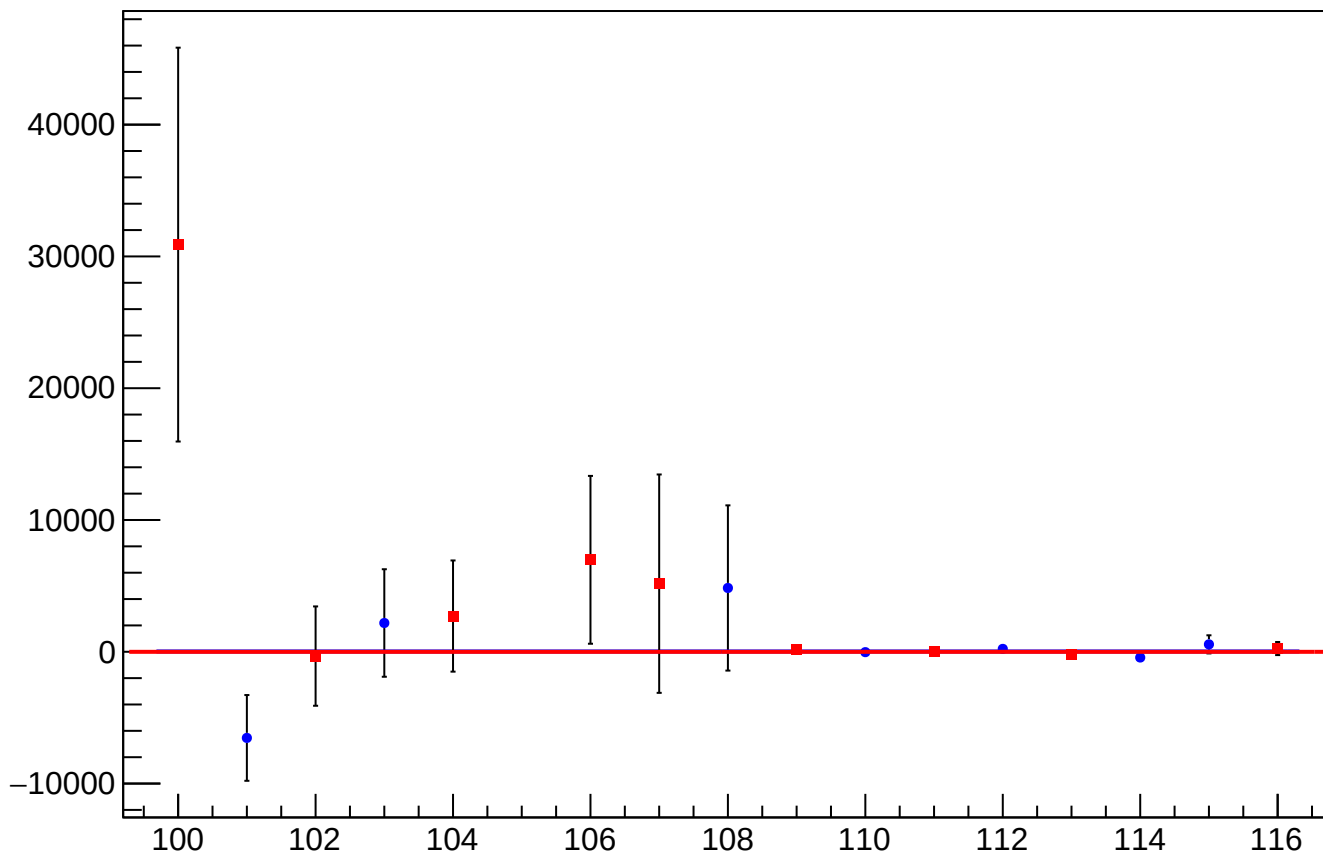
Right: 27.494+/-0.012 χ^2/NDF : 6790244.8/15

In: 27.321+/-0.018 χ^2/NDF : 3252811.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.494+/-0.012 χ^2/NDF : 6790244.8/15

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 24.725+/-132.621 χ^2 /NDF: 8.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.031+/-111.607 χ^2 /NDF: 8.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

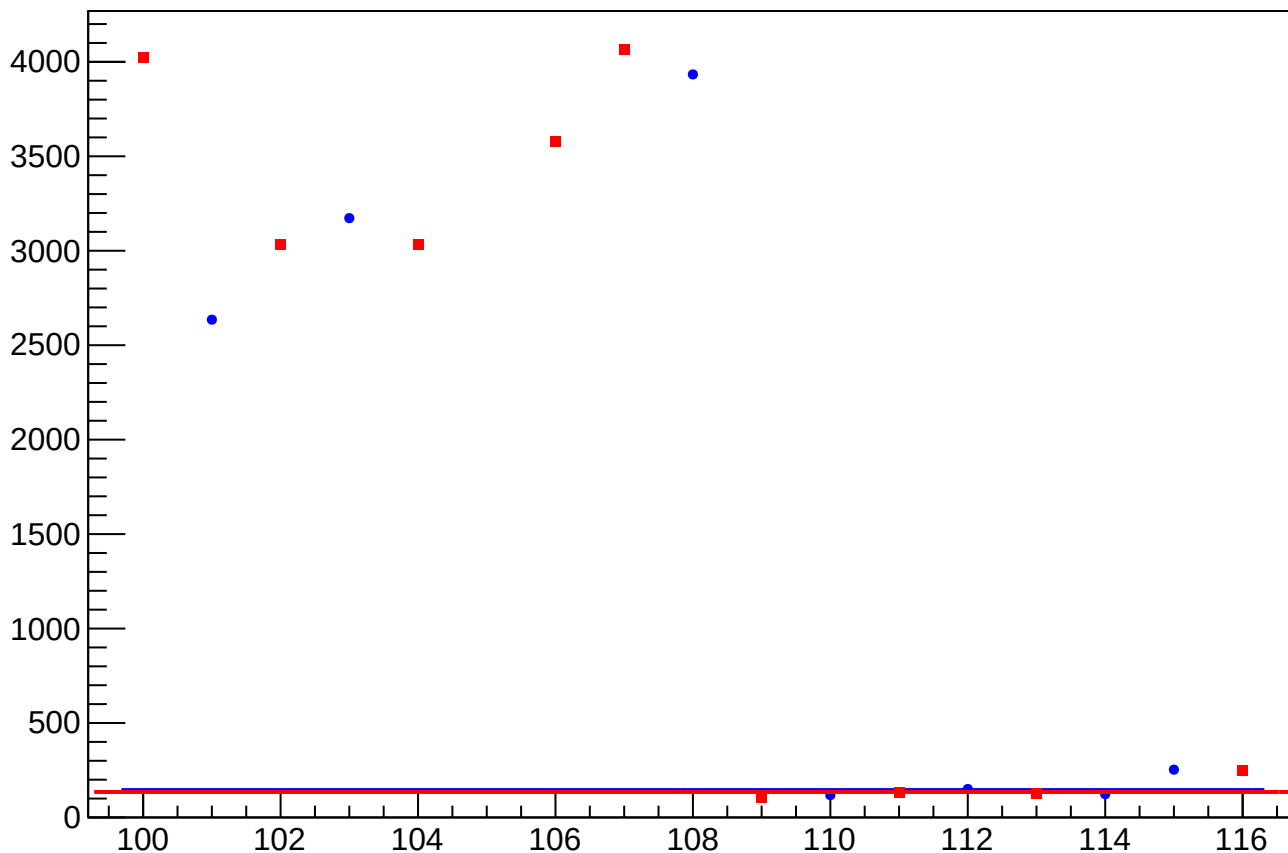
Right: 7.891+/-85.393 χ^2 /NDF: 16.3/15

In: 24.725+/-132.621 χ^2 /NDF:8.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7.891+/-85.393 χ^2 /NDF: 16.3/15

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 144.905+/-0.094 χ^2/NDF : 3098953.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 134.946+/-0.079 χ^2/NDF : 3437871.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

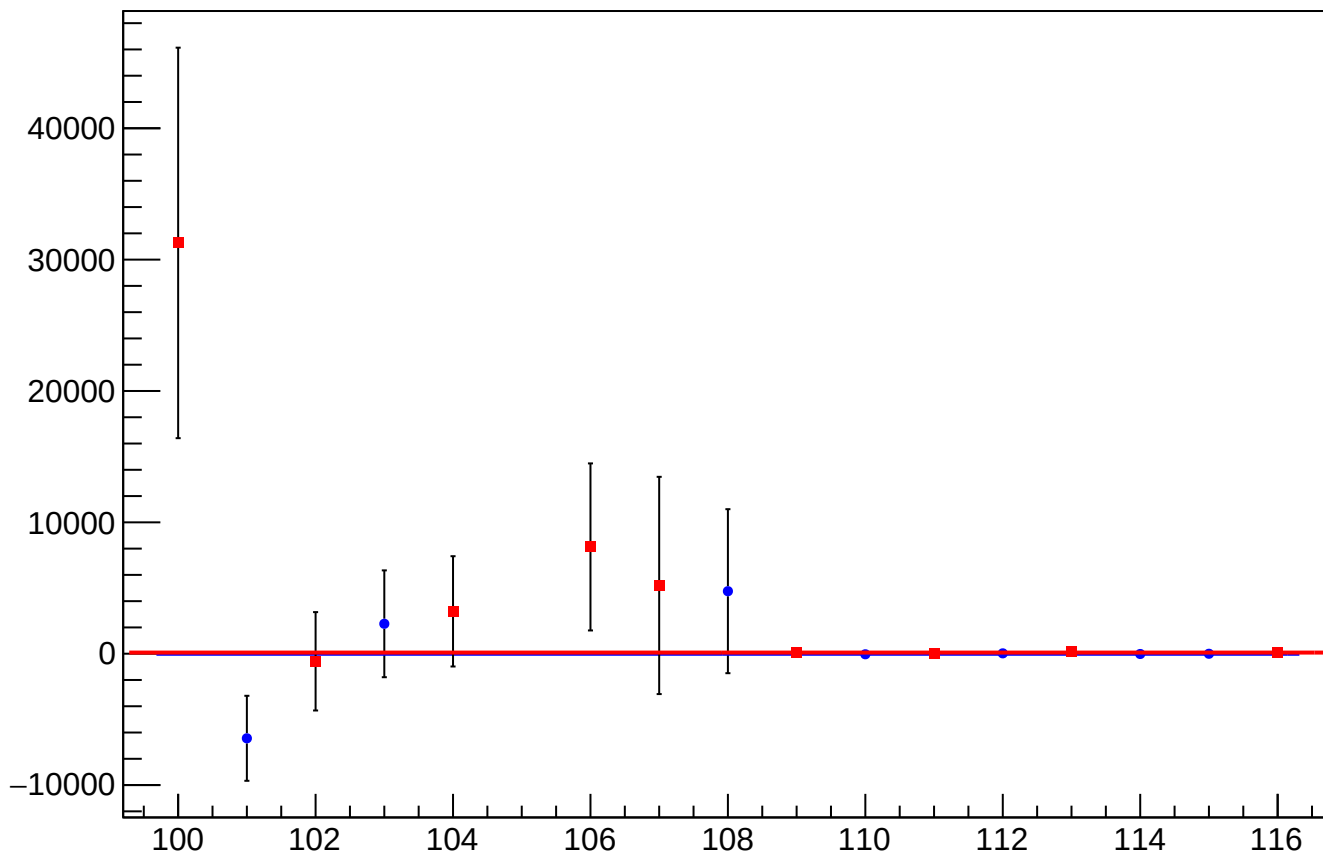
Right: 139.075+/-0.060 χ^2/NDF : 6543427.4/15

In: 144.905+/-0.094 χ^2/NDF :3098953.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 139.075+/-0.060 χ^2/NDF : 6543427.4/15

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.511+/-29.416 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.083+/-26.002 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

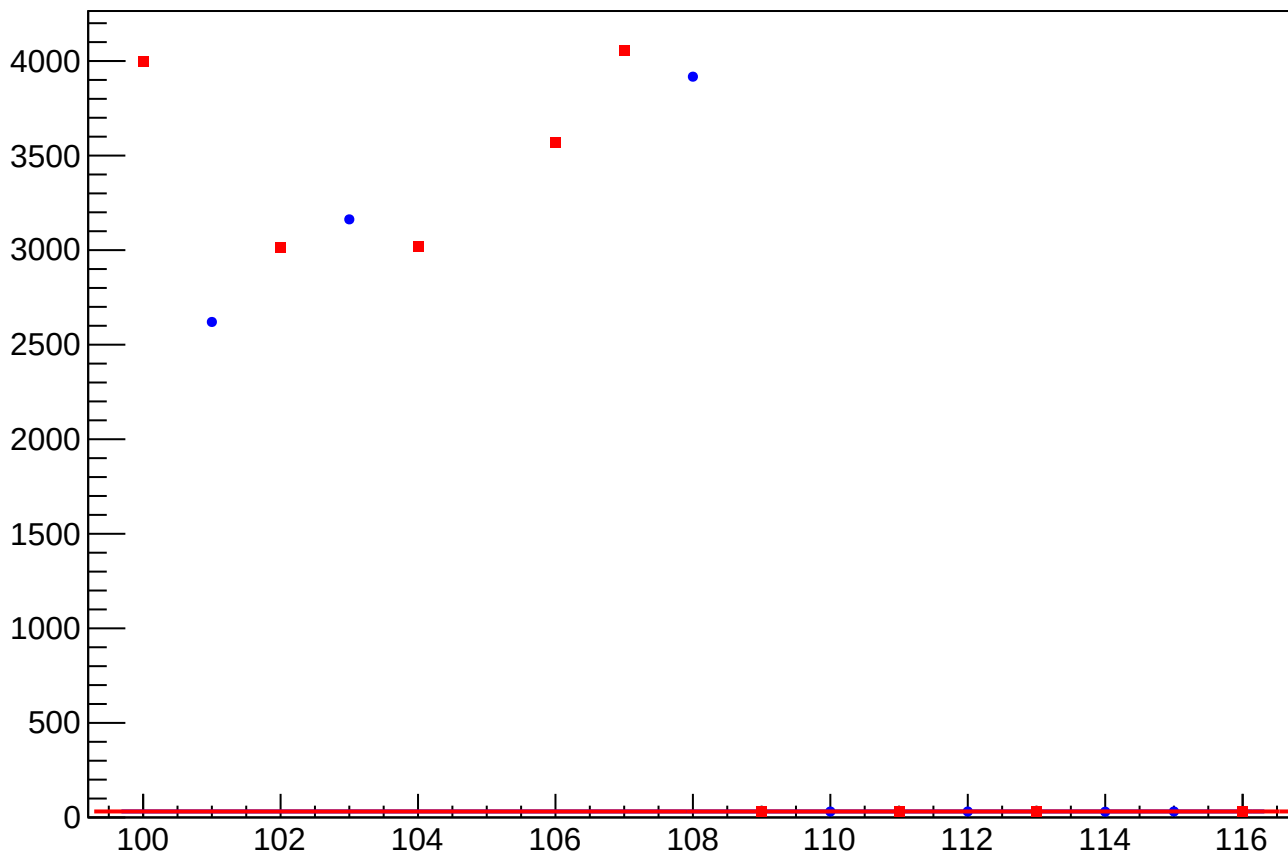
Right: 45.906+/-19.482 χ^2/NDF : 21.8/15

In: -5.511+/-29.416 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.906+/-19.482 χ^2/NDF : 21.8/15

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.791+/-0.021 χ^2/NDF : 3241138.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.707+/-0.018 χ^2/NDF : 3521808.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

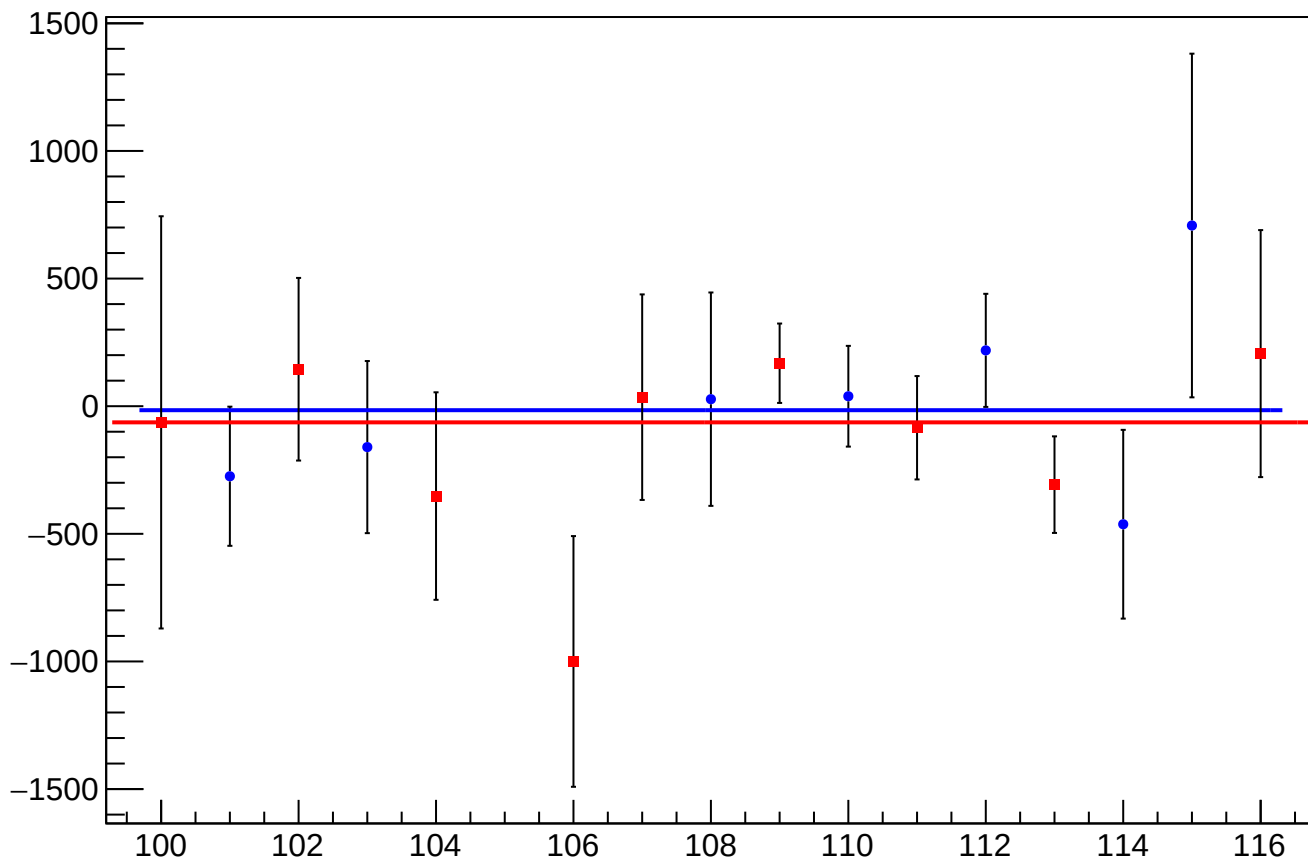
Right: 31.744+/-0.014 χ^2/NDF : 6762955.5/15

In: 31.791+/-0.021 χ^2/NDF :3241138.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.744+/-0.014 χ^2/NDF : 6762955.5/15

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -15.663+/-109.401 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.336+/-89.924 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

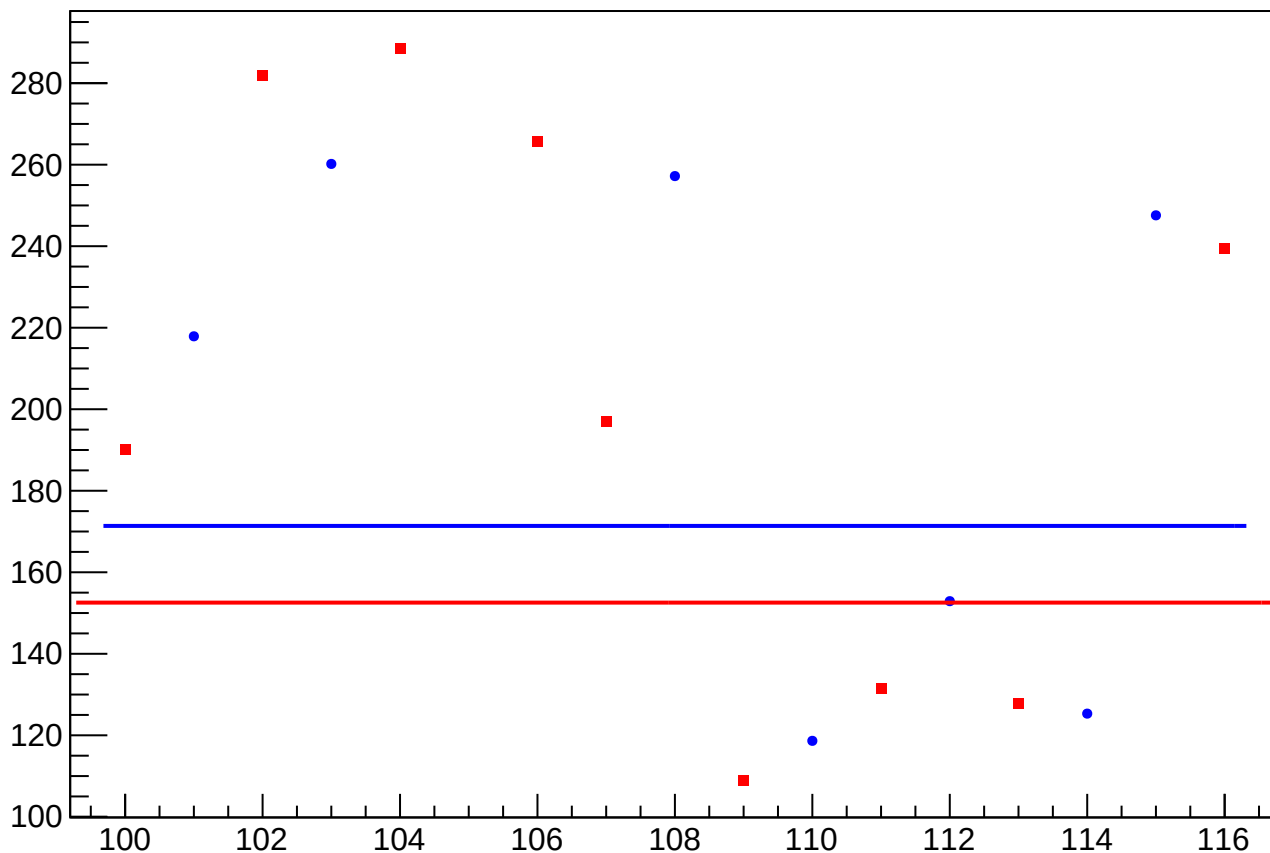
Right: -44.114+/-69.468 χ^2/NDF : 13.8/15

In: -15.663+/-109.401 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.114+/-69.468 χ^2/NDF : 13.8/15

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 171.374+/-0.077 χ^2/NDF : 494689.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.557+/-0.064 χ^2/NDF : 896536.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

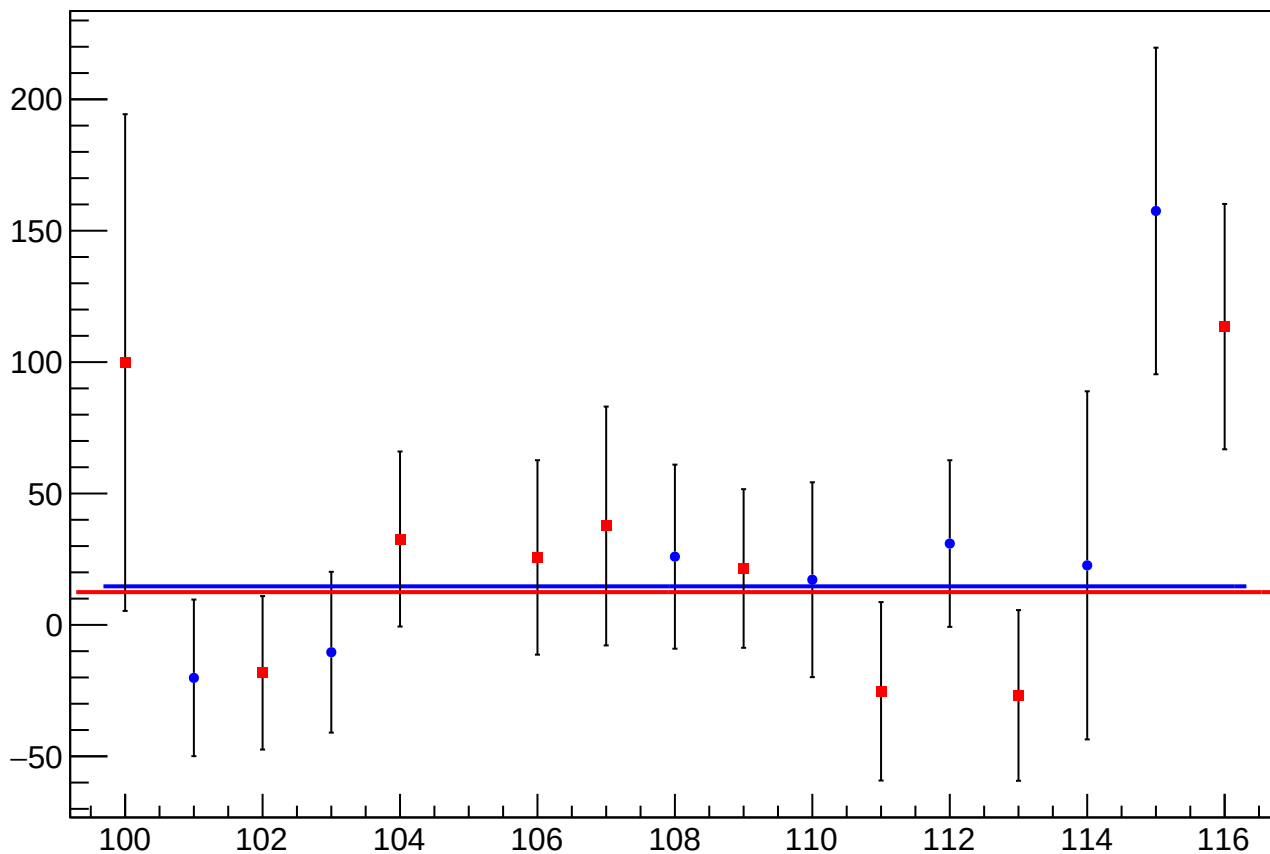
Right: 160.144+/-0.049 χ^2/NDF : 1426535.5/15

In: 171.374+/-0.077 χ^2/NDF : 494689.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.144+/-0.049 χ^2/NDF : 1426535.5/15

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 14.680 $\pm$ 13.842 χ^2 /NDF: 7.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.475 $\pm$ 12.150 χ^2 /NDF: 10.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

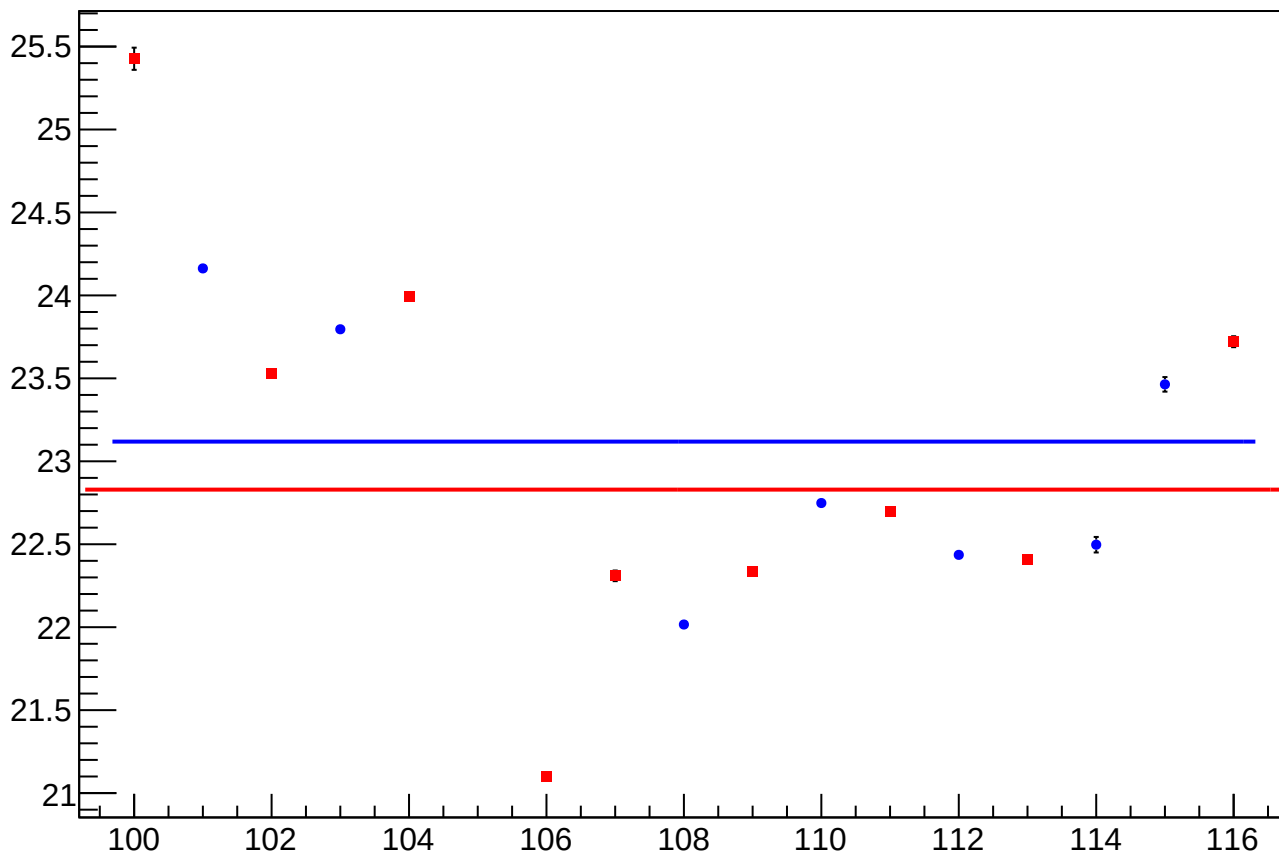
Right: 13.434 $\pm$ 9.131 χ^2 /NDF: 18.0/15

In: 14.680 $\pm$ 13.842 χ^2 /NDF:7.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.434 $\pm$ 9.131 χ^2 /NDF: 18.0/15

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.119+/-0.010 χ^2/NDF : 6781.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.829+/-0.009 χ^2/NDF : 11365.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

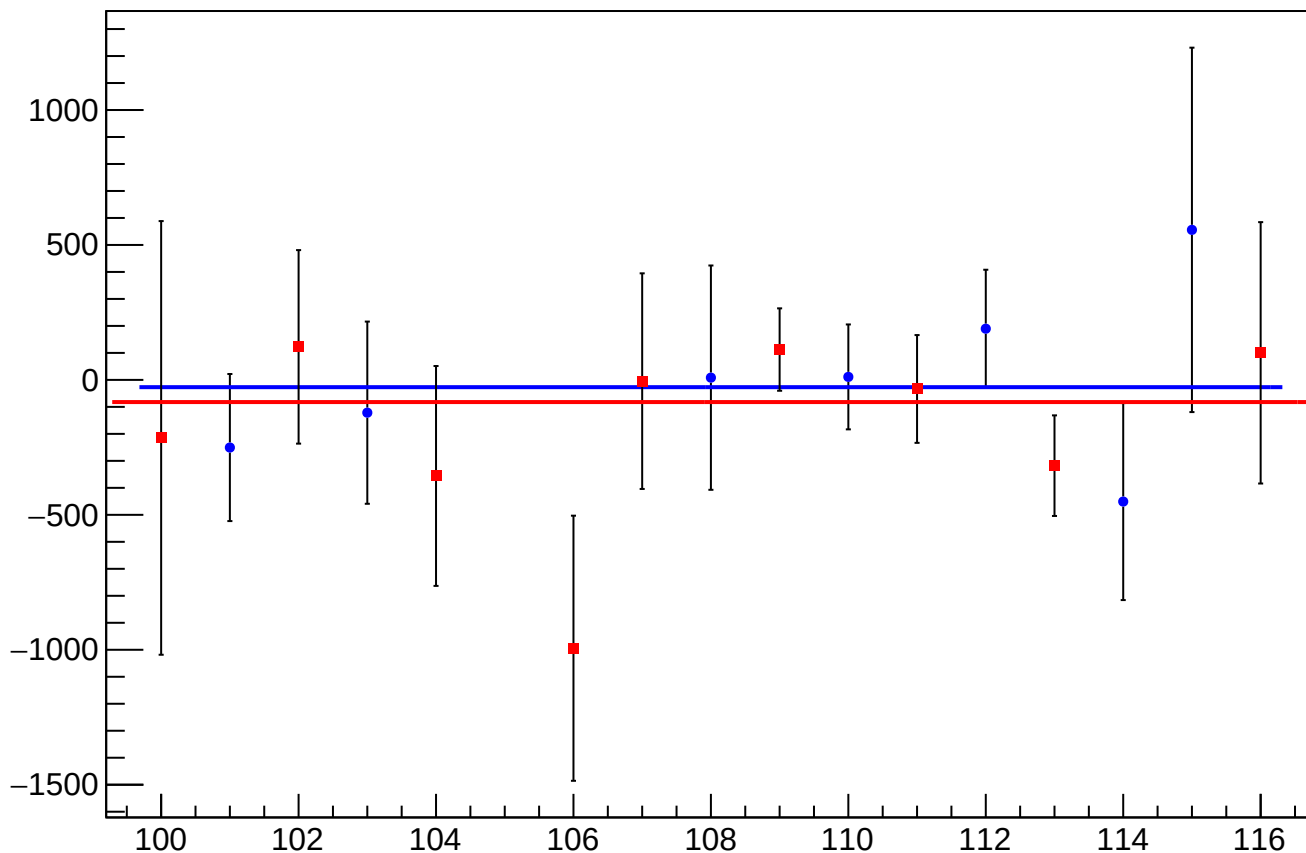
Right: 22.955+/-0.006 χ^2/NDF : 18640.5/15

In: 23.119+/-0.010 χ^2/NDF : 6781.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.955+/-0.006 χ^2/NDF : 18640.5/15

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -26.940 $\pm$ 108.367 χ^2 /NDF: 3.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.143 $\pm$ 88.805 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

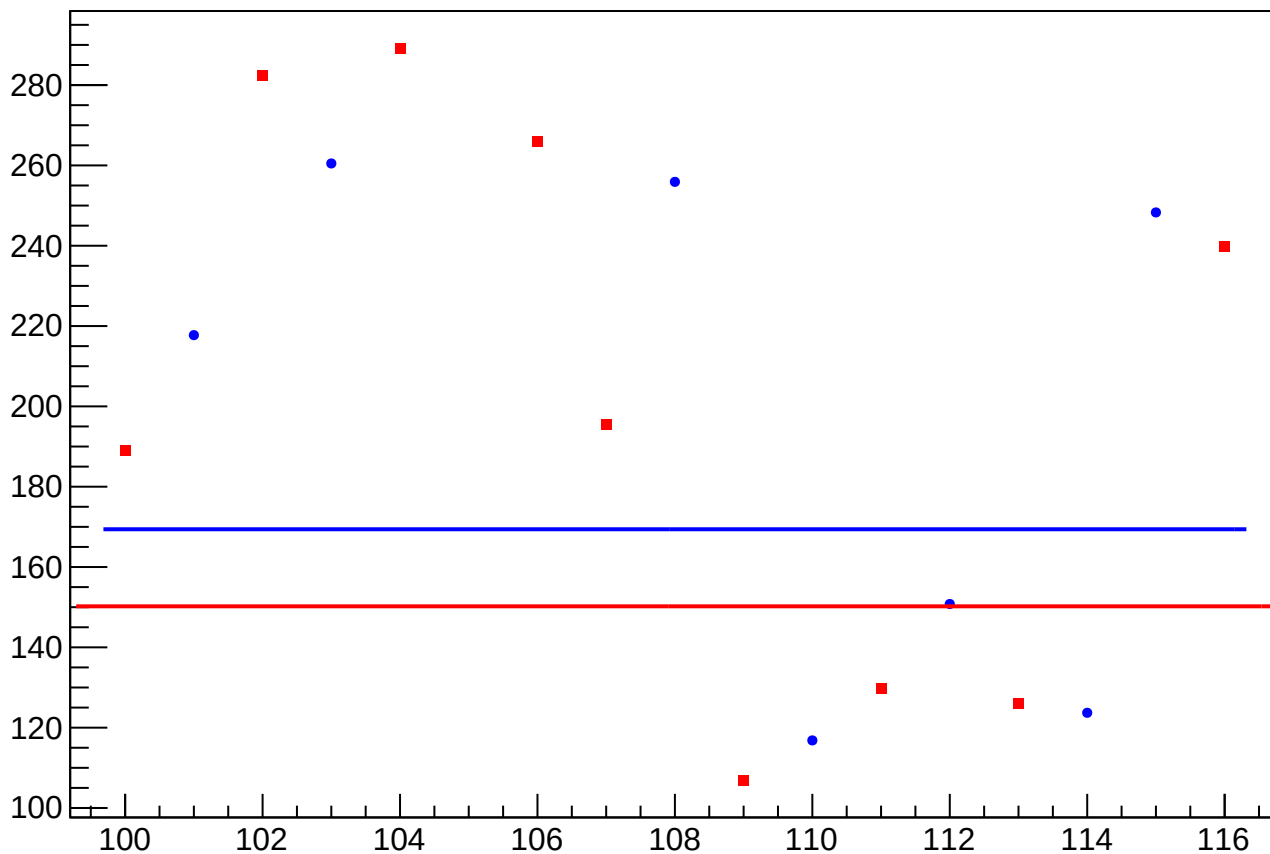
Right: -59.965 $\pm$ 68.688 χ^2 /NDF: 11.7/15

In: -26.940 $\pm$ 108.367 χ^2 /NDF:3.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.965 $\pm$ 68.688 χ^2 /NDF: 11.7/15

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 169.401 $\pm$ 0.077 χ^2 /NDF: 514729.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.214 $\pm$ 0.063 χ^2 /NDF: 929622.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

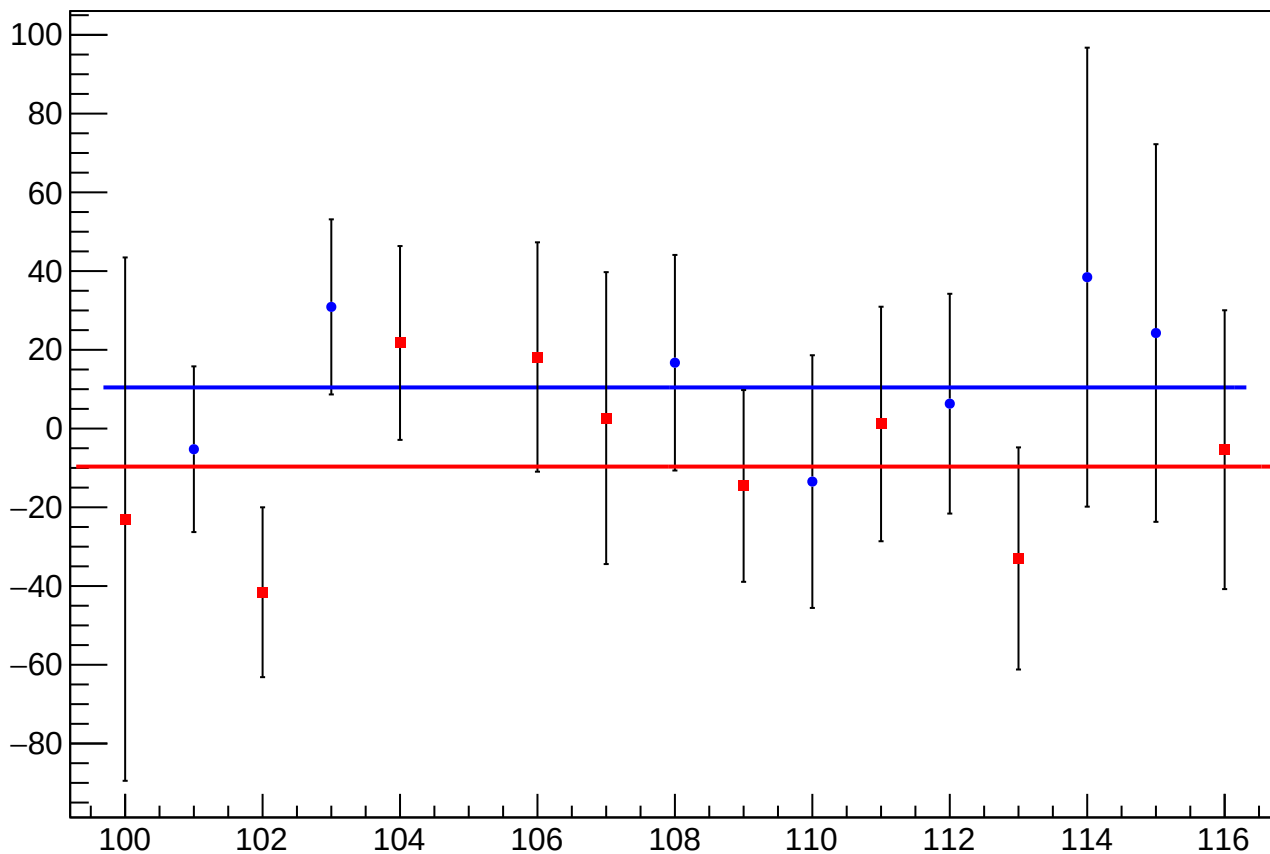
Right: 157.922 $\pm$ 0.049 χ^2 /NDF: 1481861.4/15

In: 169.401 $\pm$ 0.077 χ^2 /NDF:514729.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.922 $\pm$ 0.049 χ^2 /NDF: 1481861.4/15

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 10.450+/-10.785 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.660+/-9.623 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

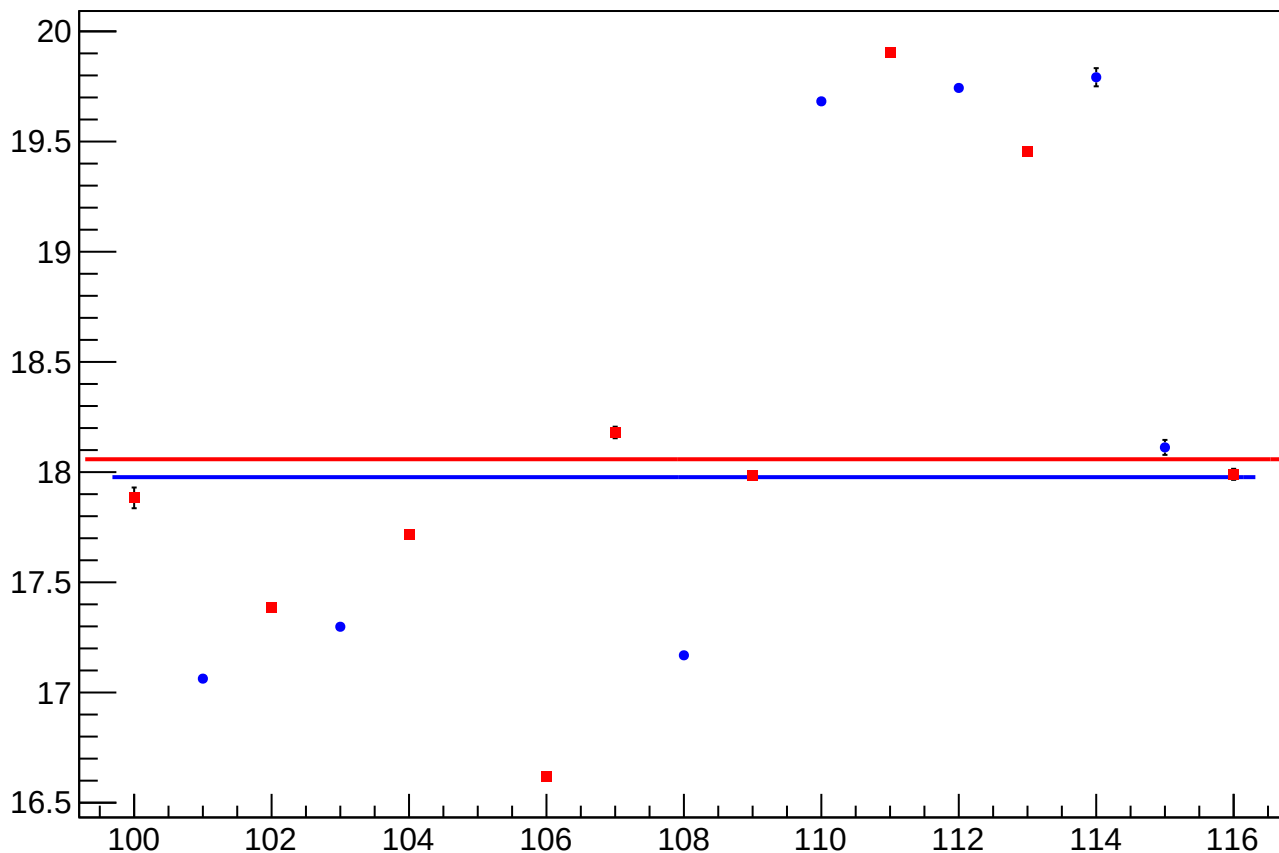
Right: -0.746+/-7.180 χ^2/NDF : 10.0/15

In: 10.450+/-10.785 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.746+/-7.180 χ^2/NDF : 10.0/15

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.977 $\pm$ 0.008 χ^2 /NDF: 22987.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.058 $\pm$ 0.007 χ^2 /NDF: 19870.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

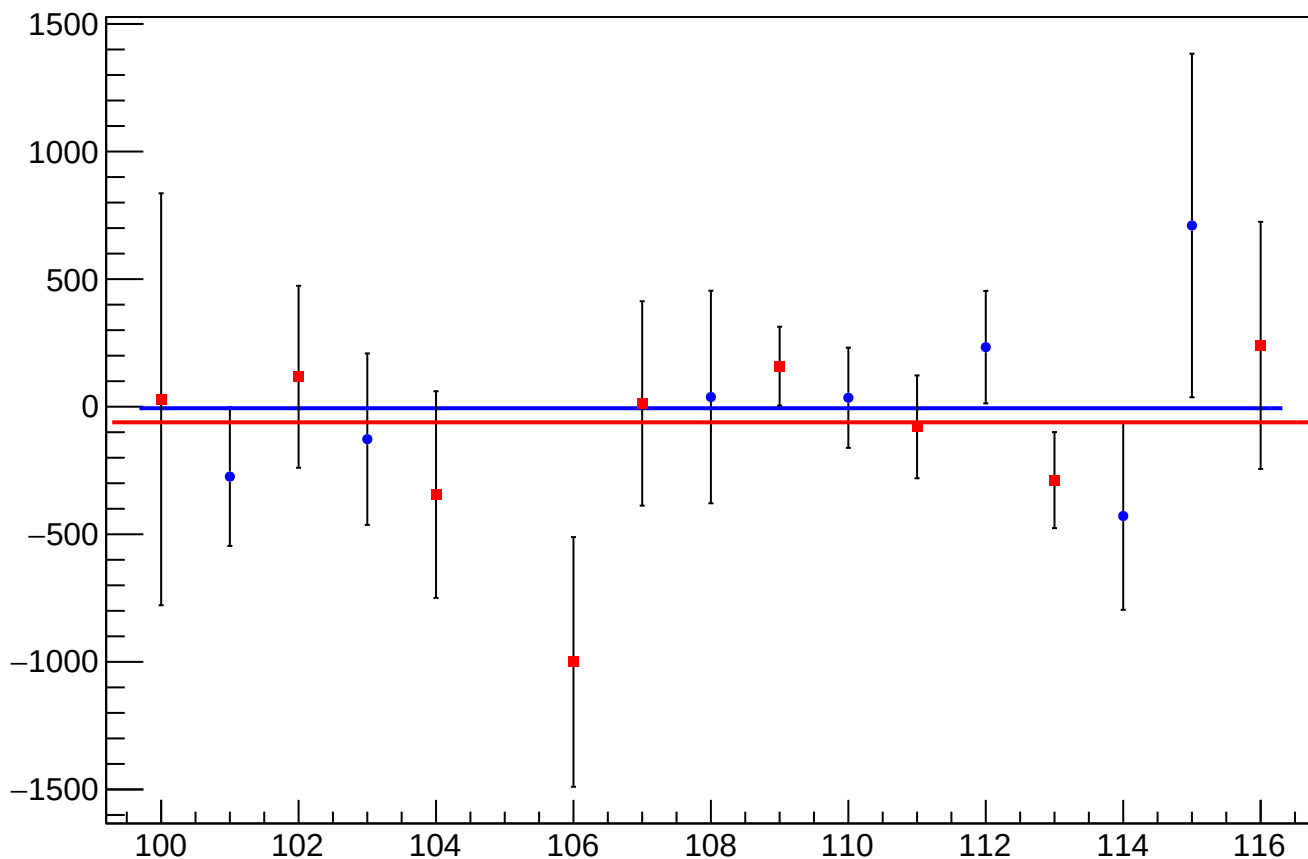
Right: 18.022 $\pm$ 0.005 χ^2 /NDF: 42921.0/15

In: 17.977 $\pm$ 0.008 χ^2 /NDF:22987.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.022 $\pm$ 0.005 χ^2 /NDF: 42921.0/15

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -5.995+/-108.926 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.190+/-89.503 χ^2/NDF : 8.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

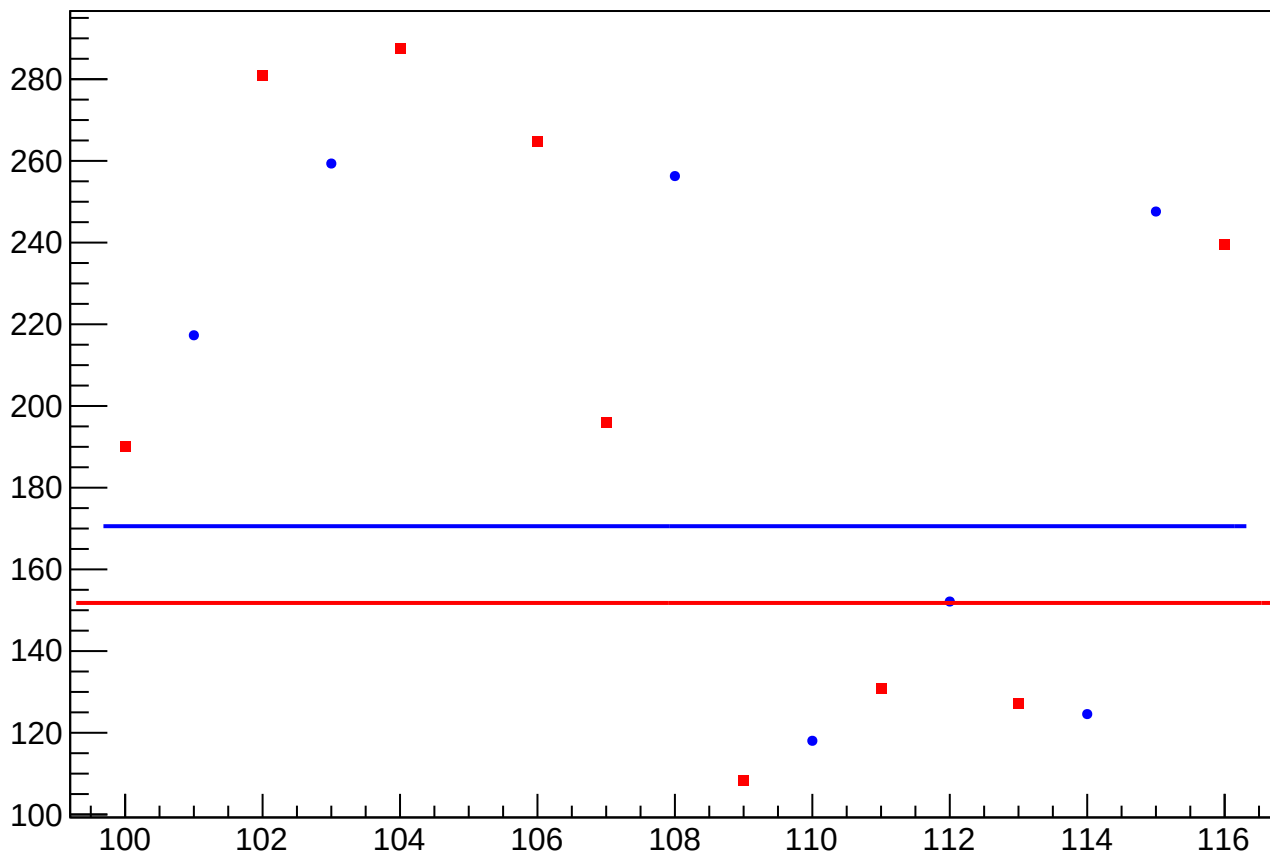
Right: -38.944+/-69.152 χ^2/NDF : 13.3/15

In: -5.995+/-108.926 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.944+/-69.152 χ^2/NDF : 13.3/15

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.573+/-0.077 χ^2/NDF : 498064.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.784+/-0.063 χ^2/NDF : 900859.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

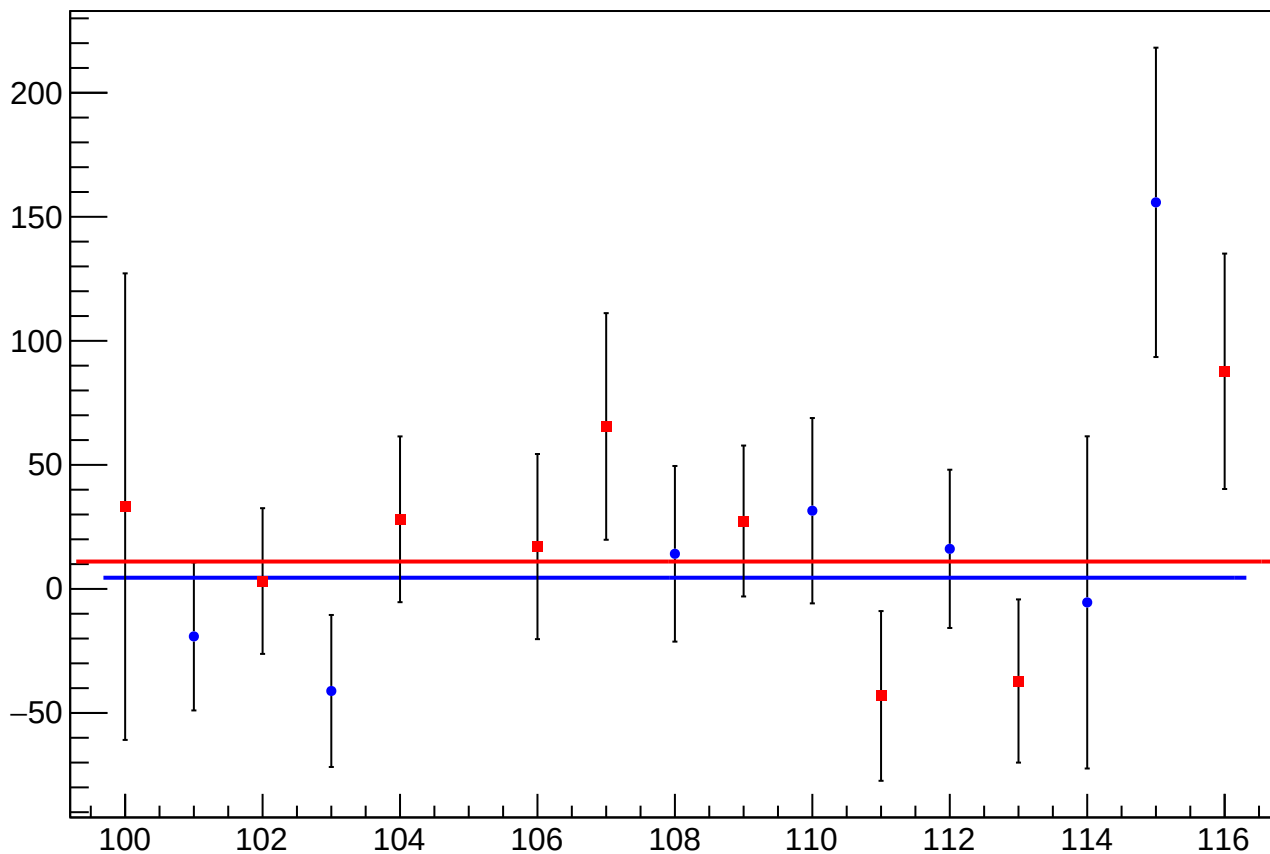
Right: 159.357+/-0.049 χ^2/NDF : 1434446.6/15

In: 170.573+/-0.077 χ^2/NDF : 498064.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.357+/-0.049 χ^2/NDF : 1434446.6/15

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 4.515+/-13.913 χ^2/NDF : 9.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.040+/-12.245 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

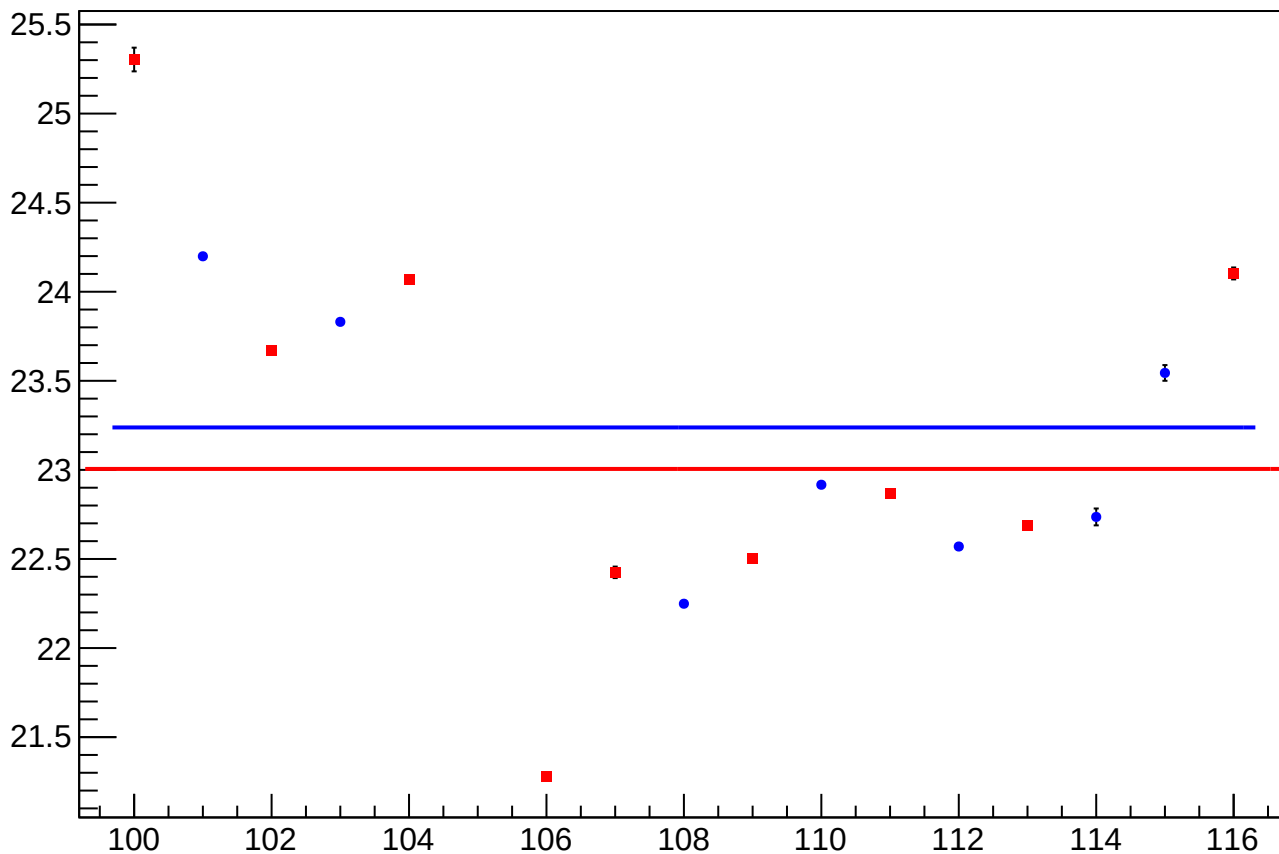
Right: 8.192+/-9.192 χ^2/NDF : 19.0/15

In: 4.515+/-13.913 χ^2/NDF : 9.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.192+/-9.192 χ^2/NDF : 19.0/15

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 23.238 $\pm$ 0.010 χ^2 /NDF: 5570.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.005 $\pm$ 0.009 χ^2 /NDF: 10667.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

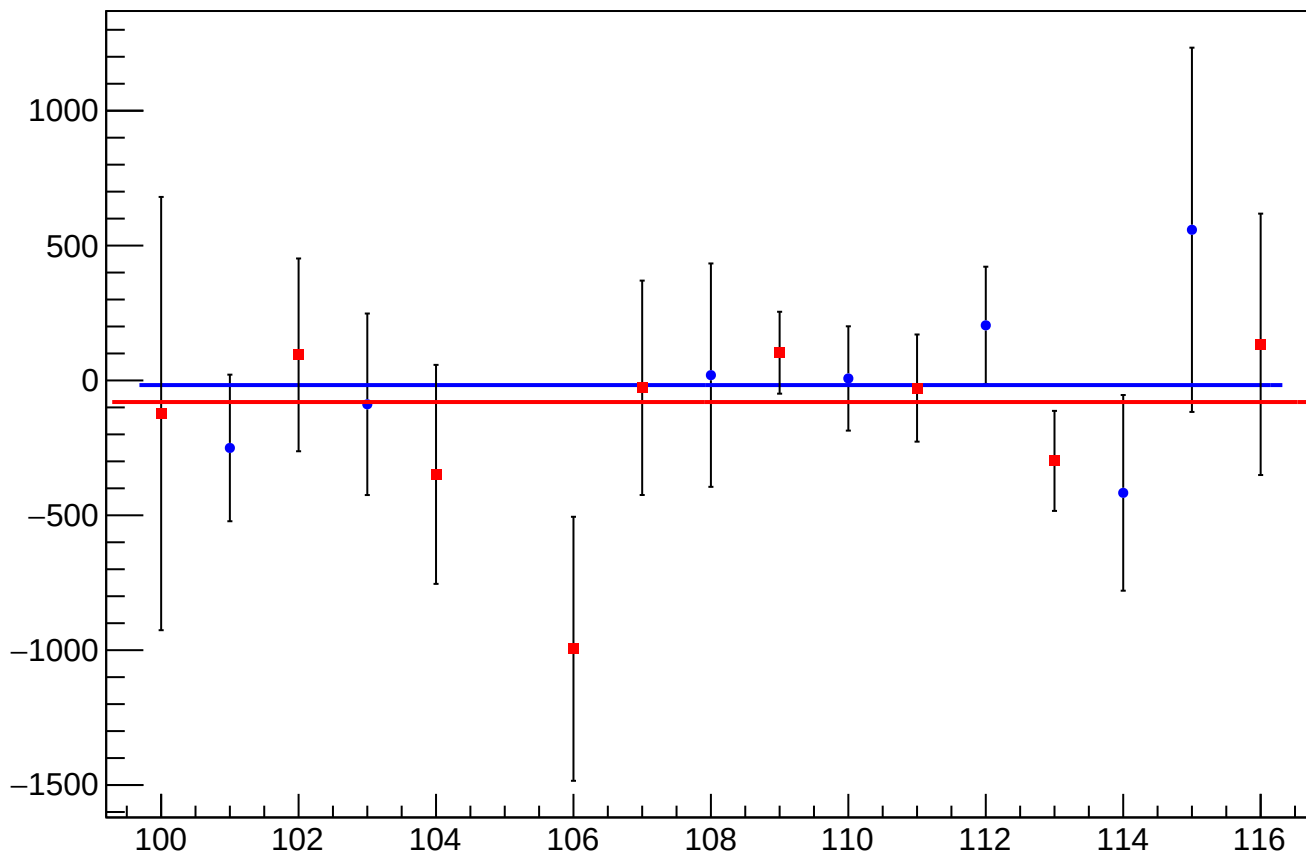
Right: 23.107 $\pm$ 0.006 χ^2 /NDF: 16554.2/15

In: 23.238 $\pm$ 0.010 χ^2 /NDF:5570.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.107 $\pm$ 0.006 χ^2 /NDF: 16554.2/15

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -17.195+/-107.889 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.063+/-88.382 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

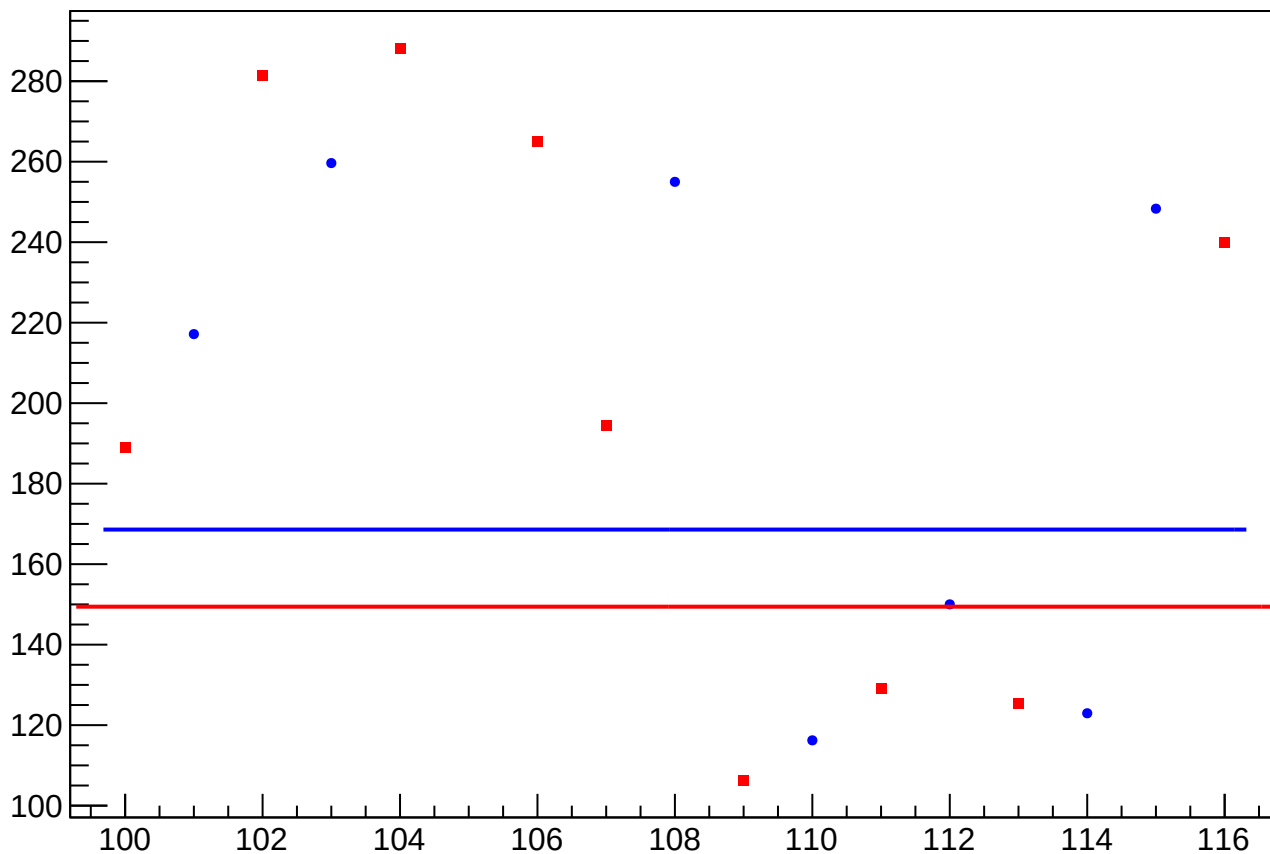
Right: -54.817+/-68.370 χ^2/NDF : 11.3/15

In: -17.195+/-107.889 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.817+/-68.370 χ^2/NDF : 11.3/15

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 168.595 $\pm$ 0.076 χ^2 /NDF: 518287.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.437 $\pm$ 0.062 χ^2 /NDF: 934176.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

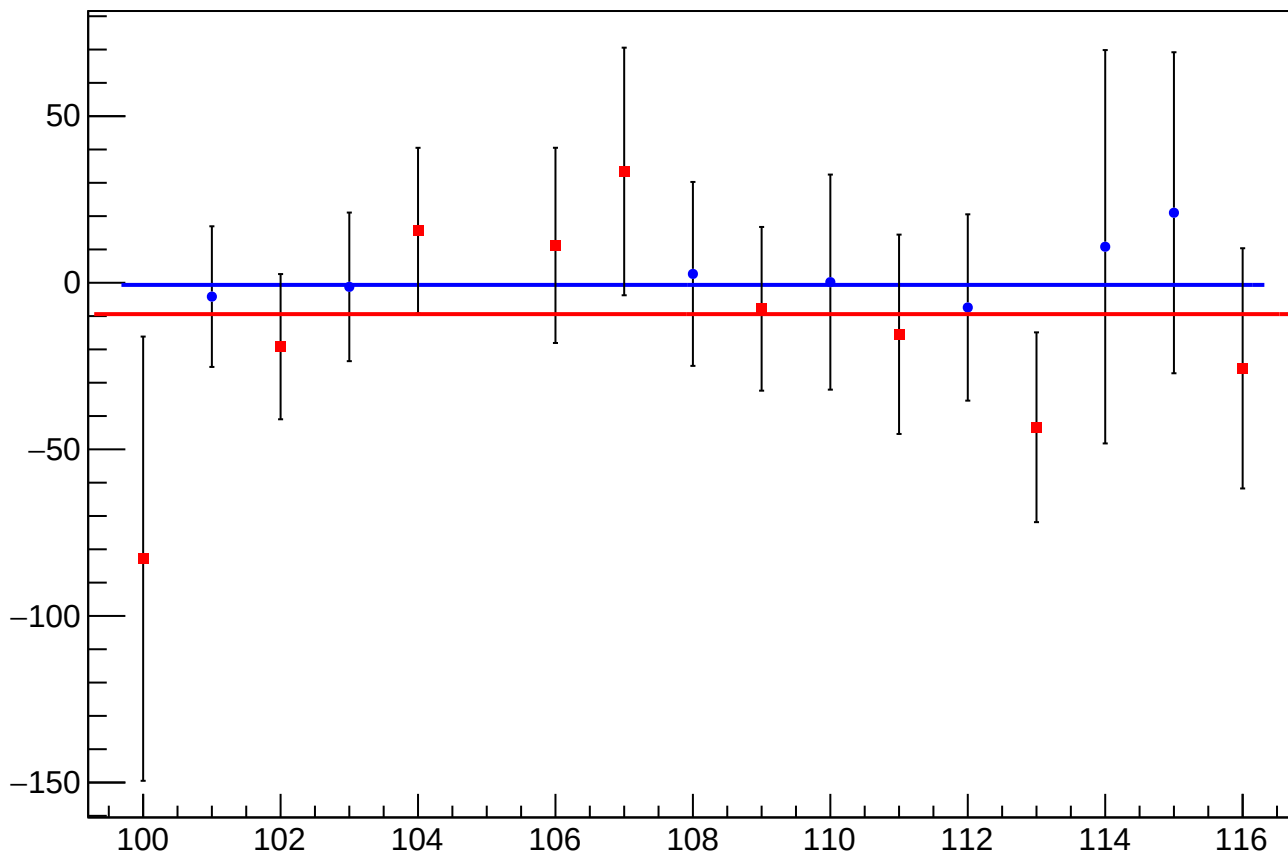
Right: 157.130 $\pm$ 0.048 χ^2 /NDF: 1490204.6/15

In: 168.595 $\pm$ 0.076 χ^2 /NDF:518287.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.130 $\pm$ 0.048 χ^2 /NDF: 1490204.6/15

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -0.639 ± 10.831 χ^2/NDF : 0.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.411 ± 9.707 χ^2/NDF : 5.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

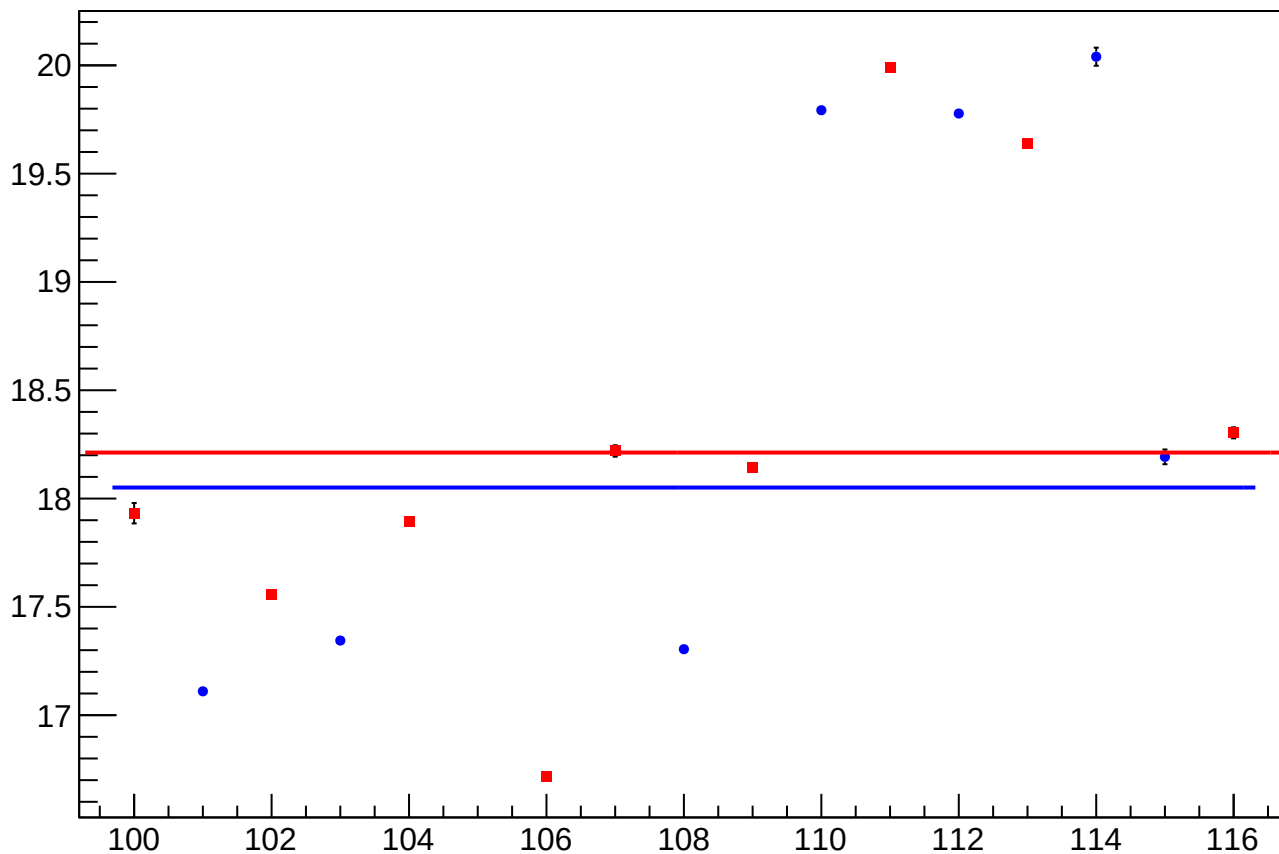
Right: -5.504 ± 7.229 χ^2/NDF : 6.6/15

In: -0.639 ± 10.831 χ^2/NDF : 0.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.504 ± 7.229 χ^2/NDF : 6.6/15

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 18.051+/-0.008 χ^2/NDF : 23180.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.212+/-0.007 χ^2/NDF : 19484.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

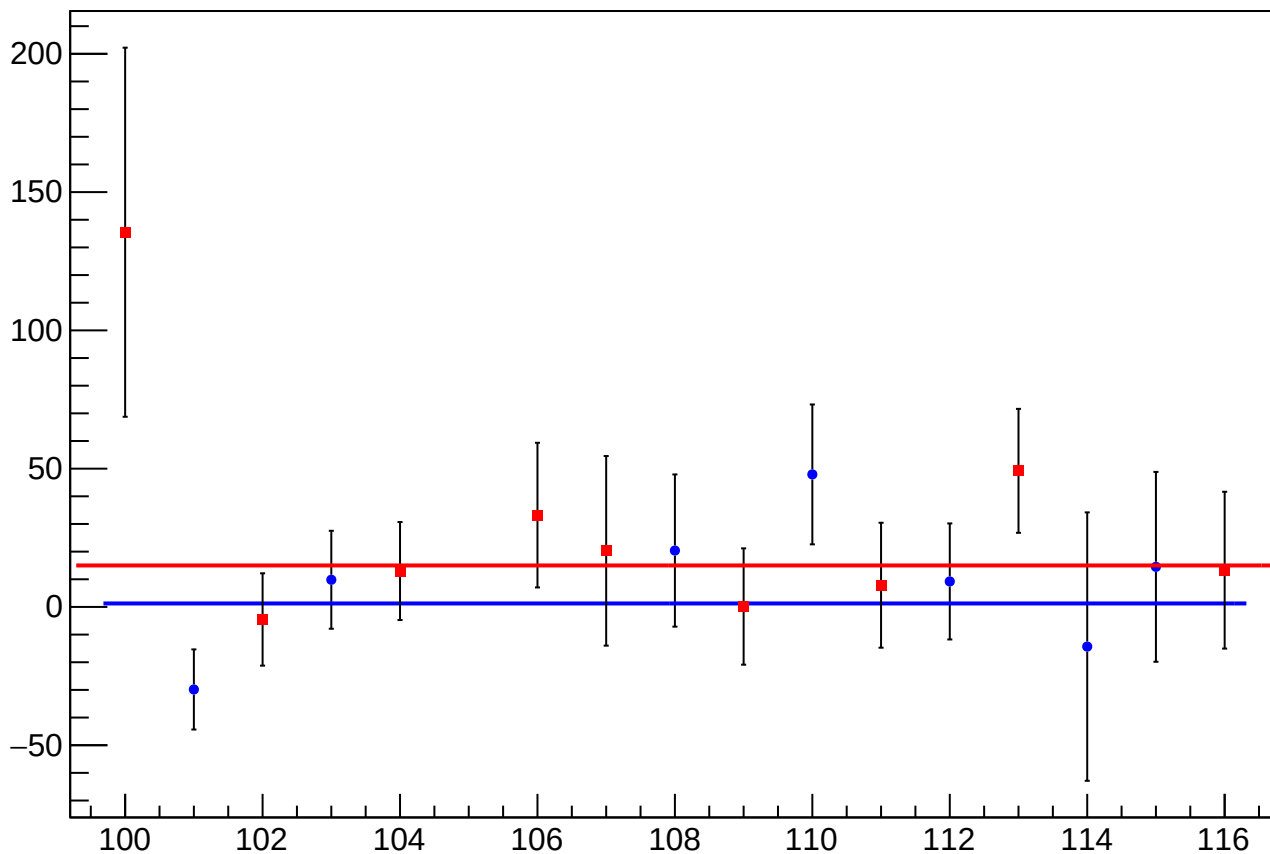
Right: 18.140+/-0.005 χ^2/NDF : 42910.6/15

In: 18.051+/-0.008 χ^2/NDF : 23180.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.140+/-0.005 χ^2/NDF : 42910.6/15

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: 1.259+/-8.338 χ^2/NDF : 9.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.001+/-7.723 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

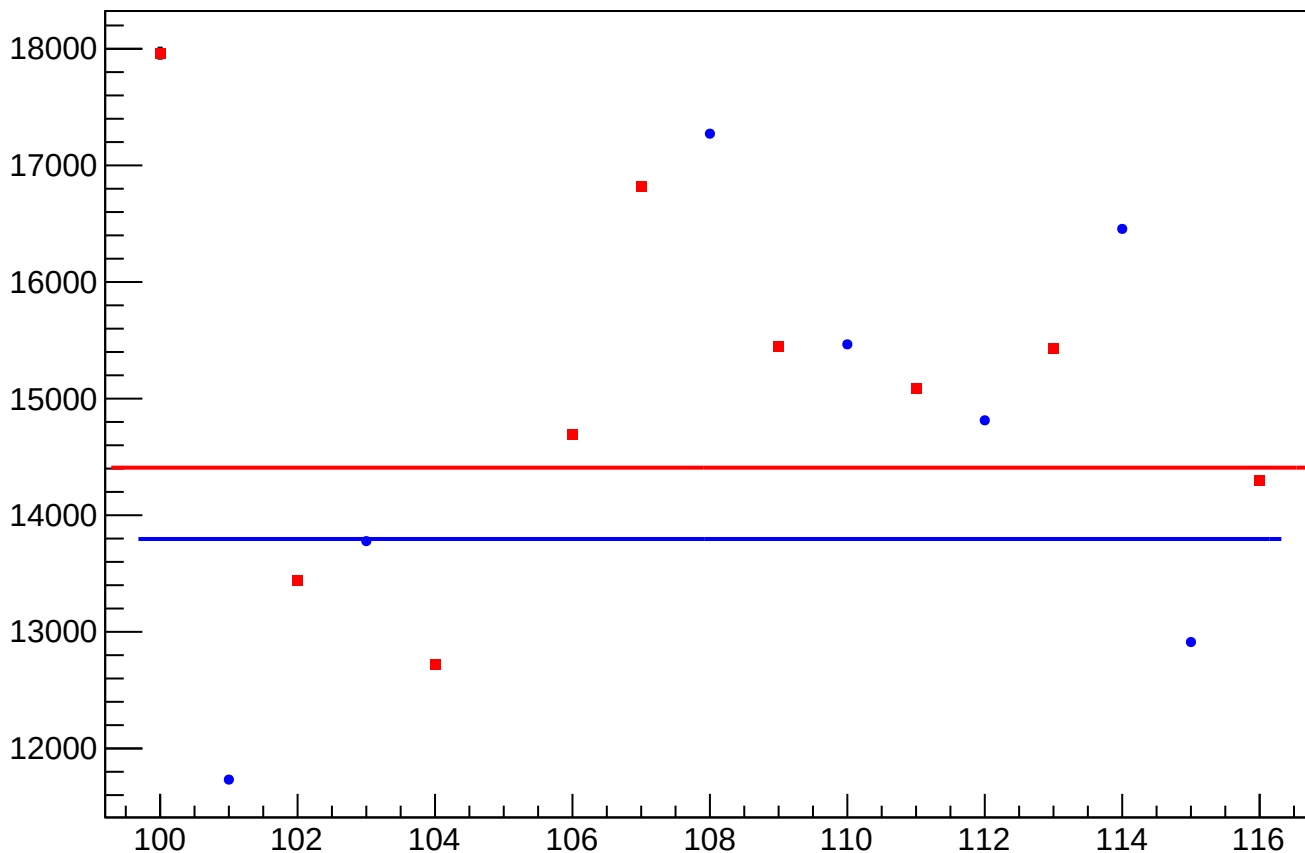
Right: 8.656+/-5.666 χ^2/NDF : 18.7/15

In: 1.259+/-8.338 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.656+/-5.666 χ^2/NDF : 18.7/15

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 13796.354+/-5.896 χ^2/NDF : 93231.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14408.132+/-5.461 χ^2/NDF : 51490.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

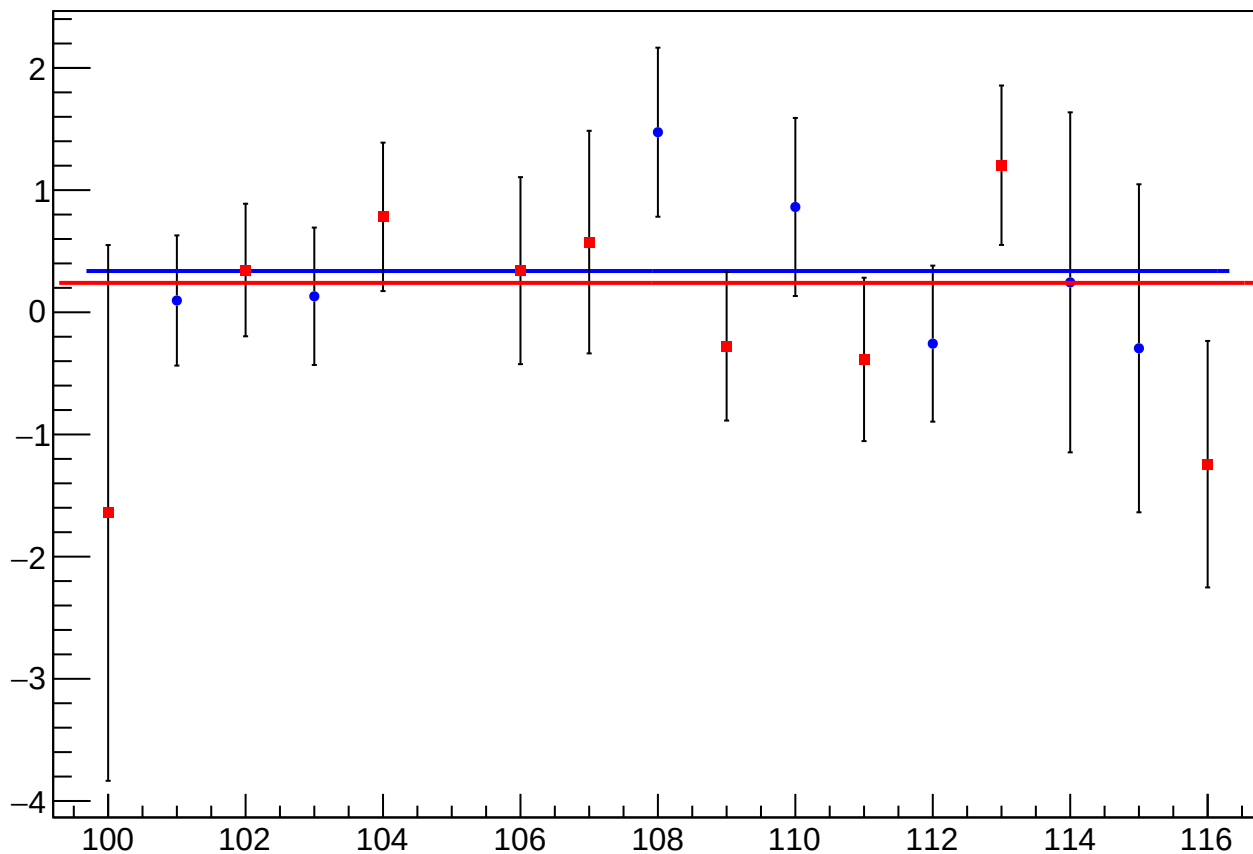
Right: 14125.664+/-4.006 χ^2/NDF : 150516.4/15

In: 13796.354+/-5.896 χ^2/NDF : 93231.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14125.664+/-4.006 χ^2/NDF : 150516.4/15

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.338 $\pm$ 0.266 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.241 $\pm$ 0.239 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

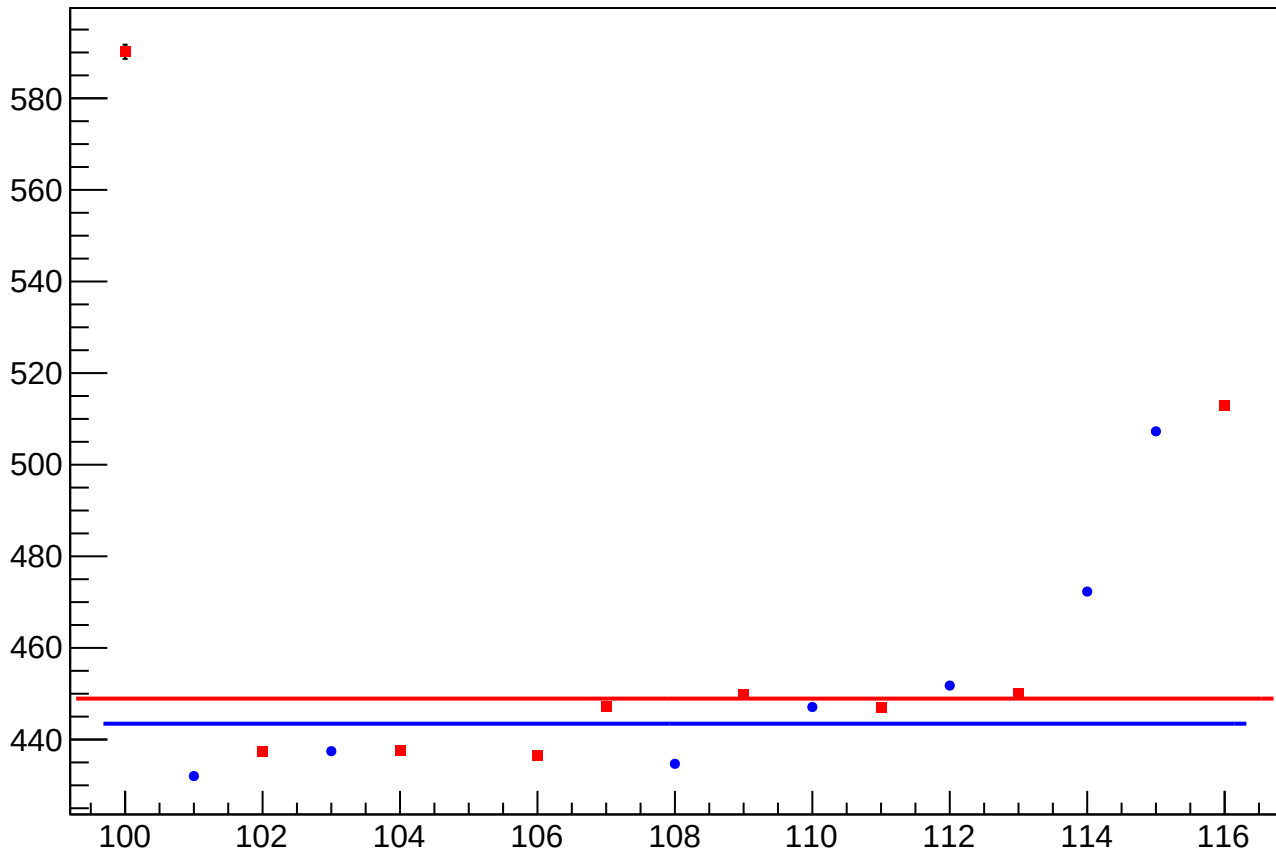
Right: 0.284 $\pm$ 0.178 χ^2 /NDF: 12.4/15

In: 0.338 $\pm$ 0.266 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.284 $\pm$ 0.178 χ^2 /NDF: 12.4/15

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 443.458+/-0.188 χ^2/NDF : 7239.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.933+/-0.169 χ^2/NDF : 18471.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

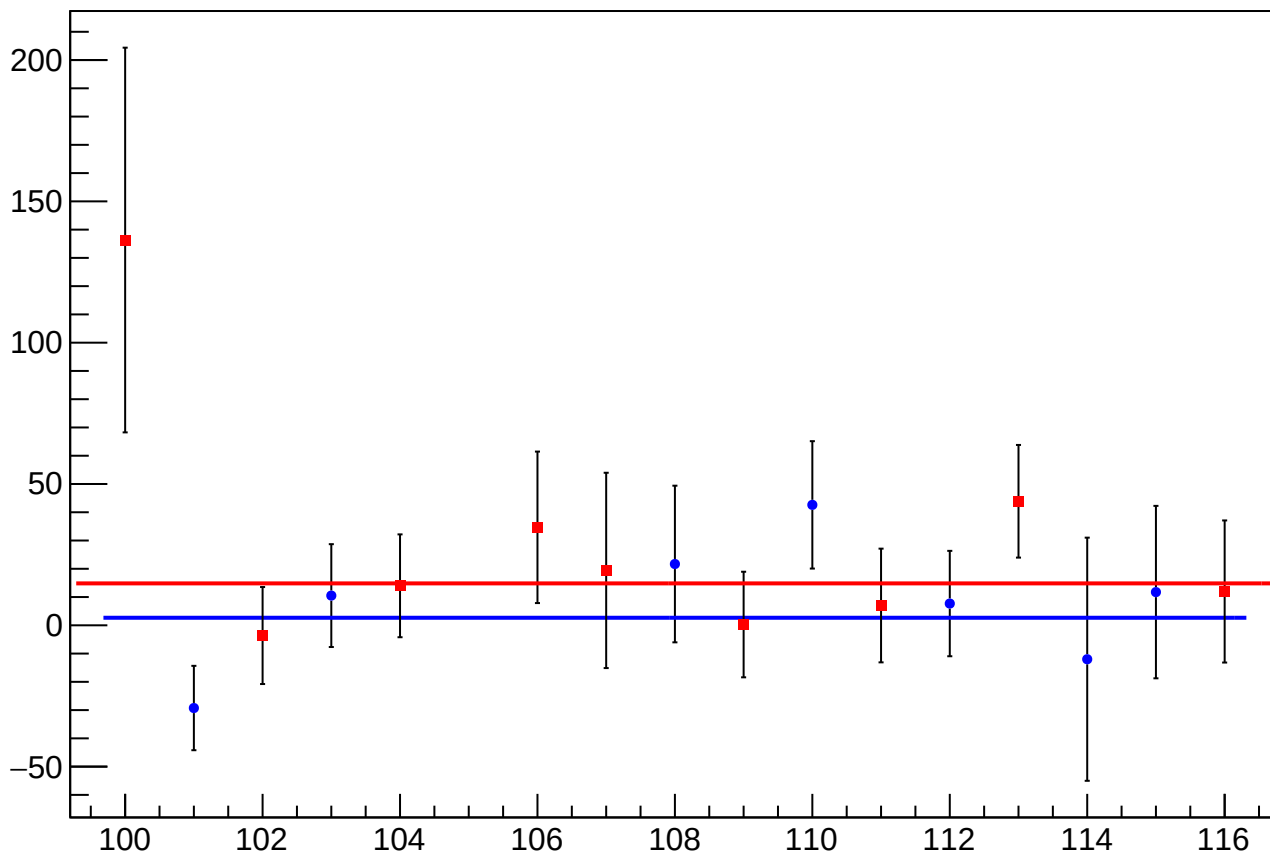
Right: 446.483+/-0.126 χ^2/NDF : 26180.2/15

In: 443.458+/-0.188 χ^2/NDF : 7239.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.483+/-0.126 χ^2/NDF : 26180.2/15

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 2.672 $\pm$ 8.092 χ^2 /NDF: 8.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.833 $\pm$ 7.393 χ^2 /NDF: 7.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

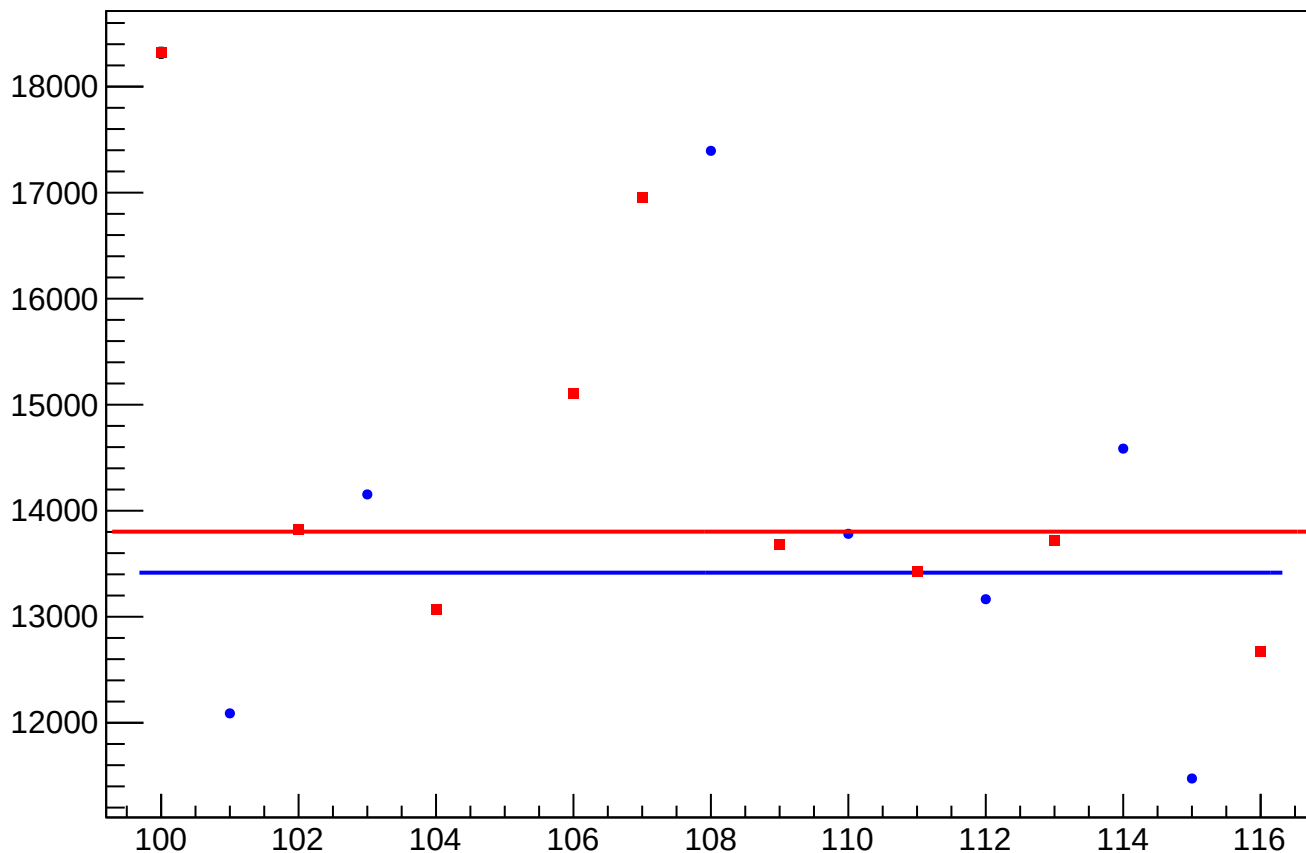
Right: 9.300 $\pm$ 5.458 χ^2 /NDF: 17.7/15

In: 2.672 $\pm$ 8.092 χ^2 /NDF: 8.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.300 $\pm$ 5.458 χ^2 /NDF: 17.7/15

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13415.799+/-5.722 χ^2/NDF : 70791.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13802.606+/-5.227 χ^2/NDF : 38237.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

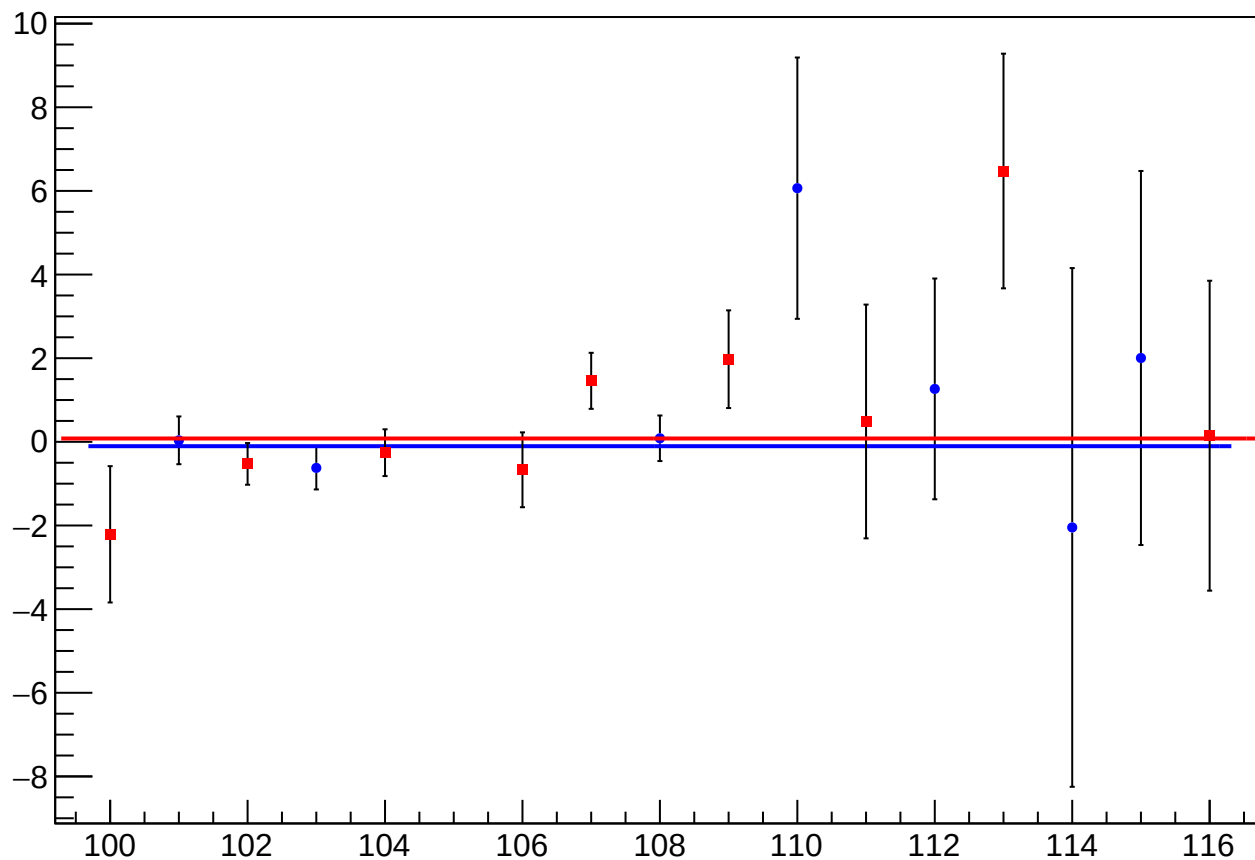
Right: 13626.635+/-3.859 χ^2/NDF : 111519.8/15

In: 13415.799+/-5.722 χ^2/NDF : 70791.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13626.635+/-3.859 χ^2/NDF : 111519.8/15

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.104 ± 0.308 χ^2/NDF : 5.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.080 ± 0.287 χ^2/NDF : 16.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

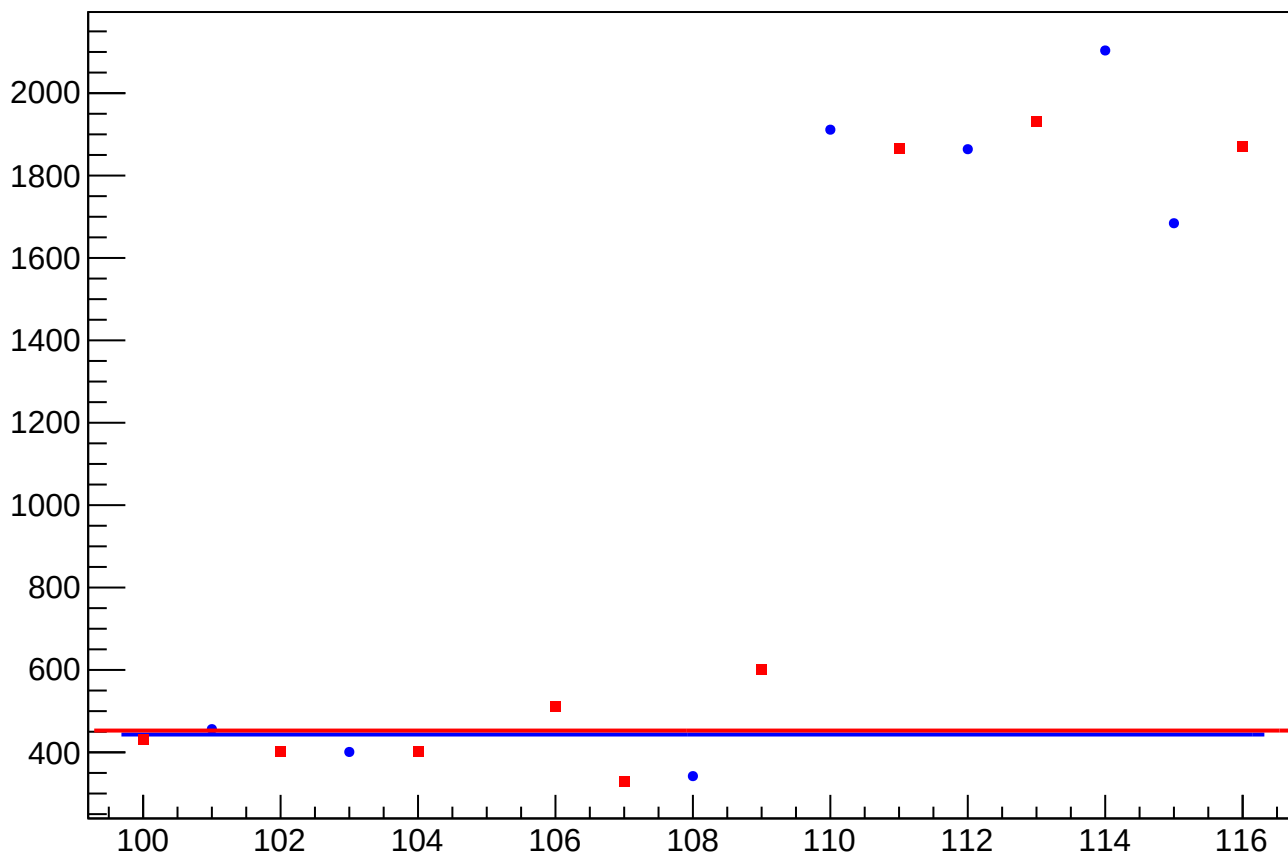
Right: -0.005 ± 0.210 χ^2/NDF : 22.5/15

In: -0.104 ± 0.308 χ^2/NDF : 5.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.210 χ^2/NDF : 22.5/15

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 443.257+/-0.218 χ^2/NDF : 1402030.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.841+/-0.203 χ^2/NDF : 1508019.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

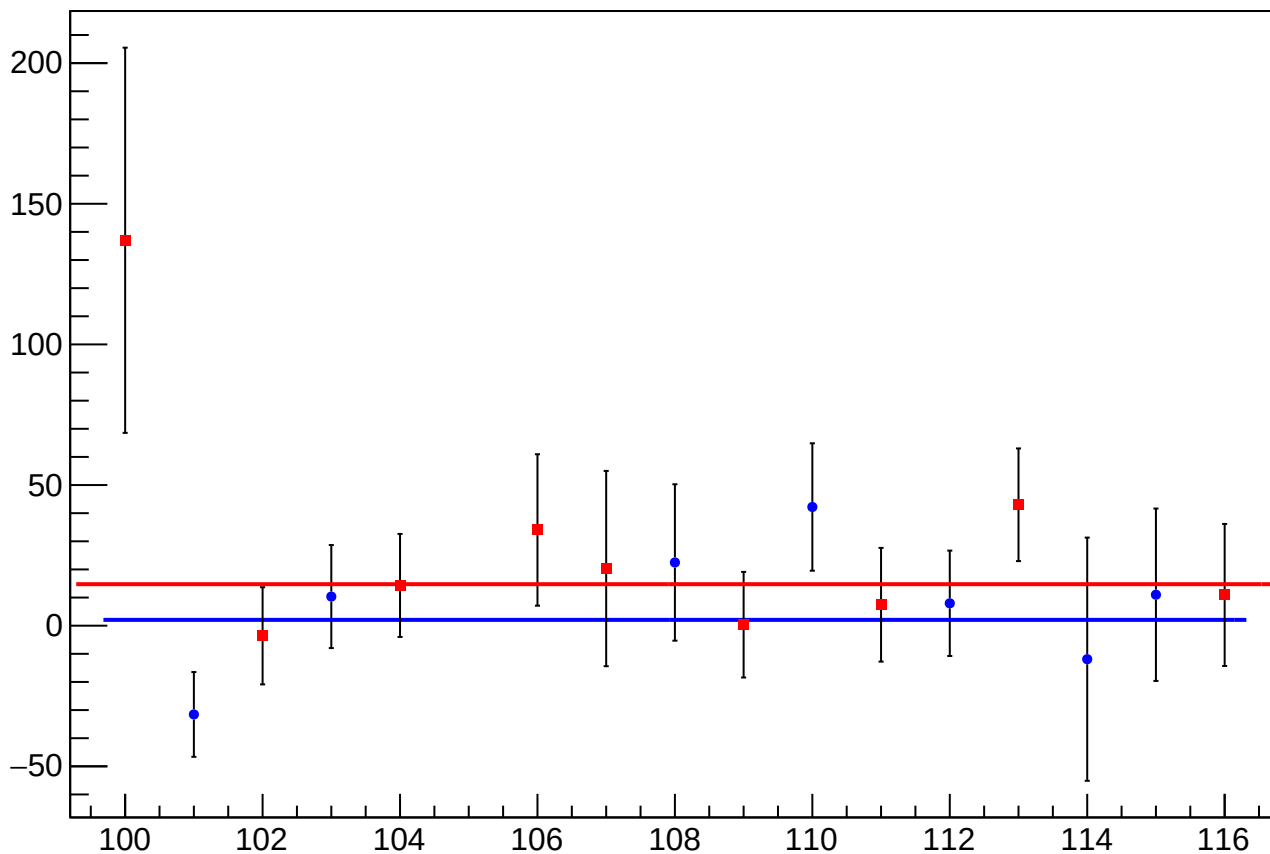
Right: 448.390+/-0.149 χ^2/NDF : 2911085.1/15

In: 443.257+/-0.218 χ^2/NDF : 1402030.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.390+/-0.149 χ^2/NDF : 2911085.1/15

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 2.072 $\pm$ 8.144 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.756 $\pm$ 7.433 χ^2 /NDF: 7.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

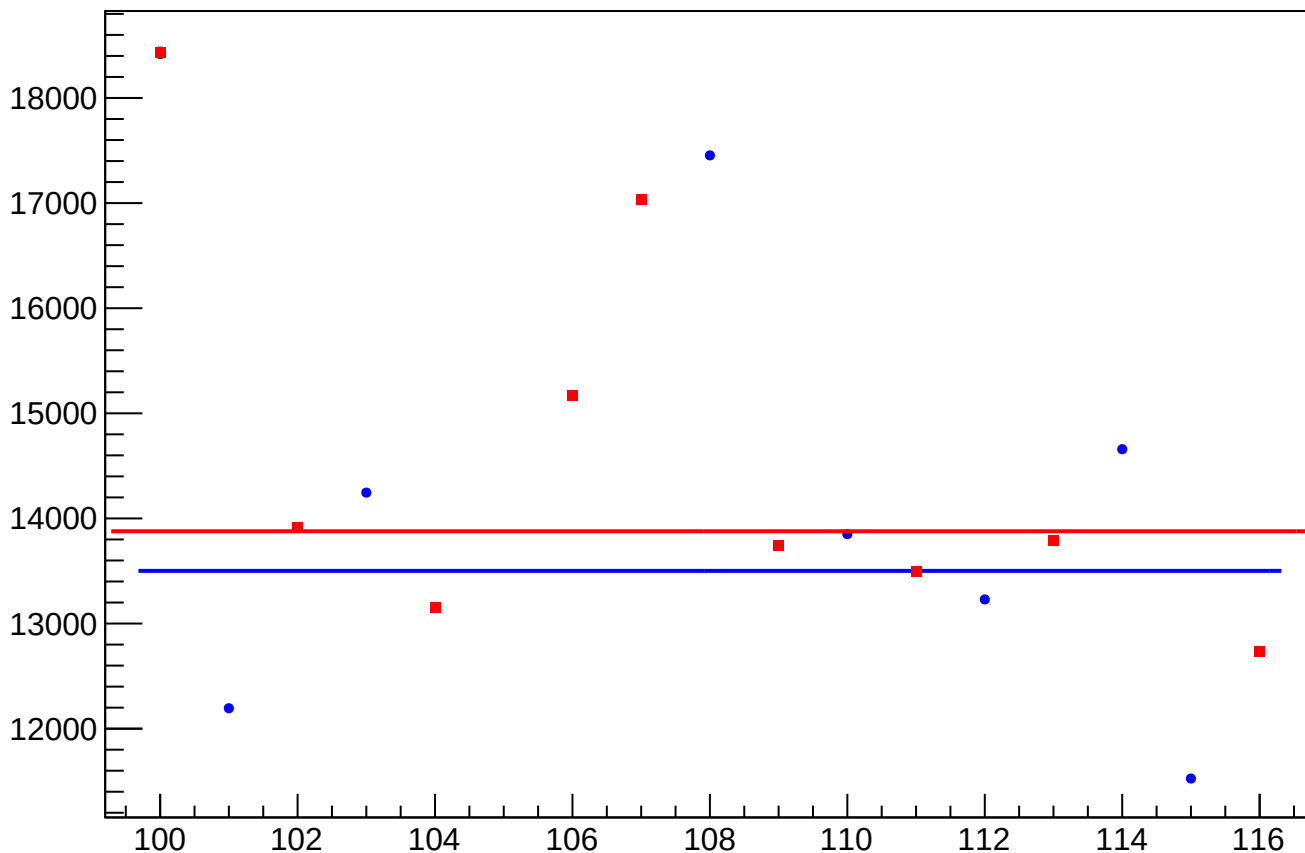
Right: 8.992 $\pm$ 5.490 χ^2 /NDF: 18.1/15

In: 2.072 $\pm$ 8.144 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.992 $\pm$ 5.490 χ^2 /NDF: 18.1/15

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13501.184+/-5.759 χ^2/NDF : 69398.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13878.092+/-5.256 χ^2/NDF : 38095.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

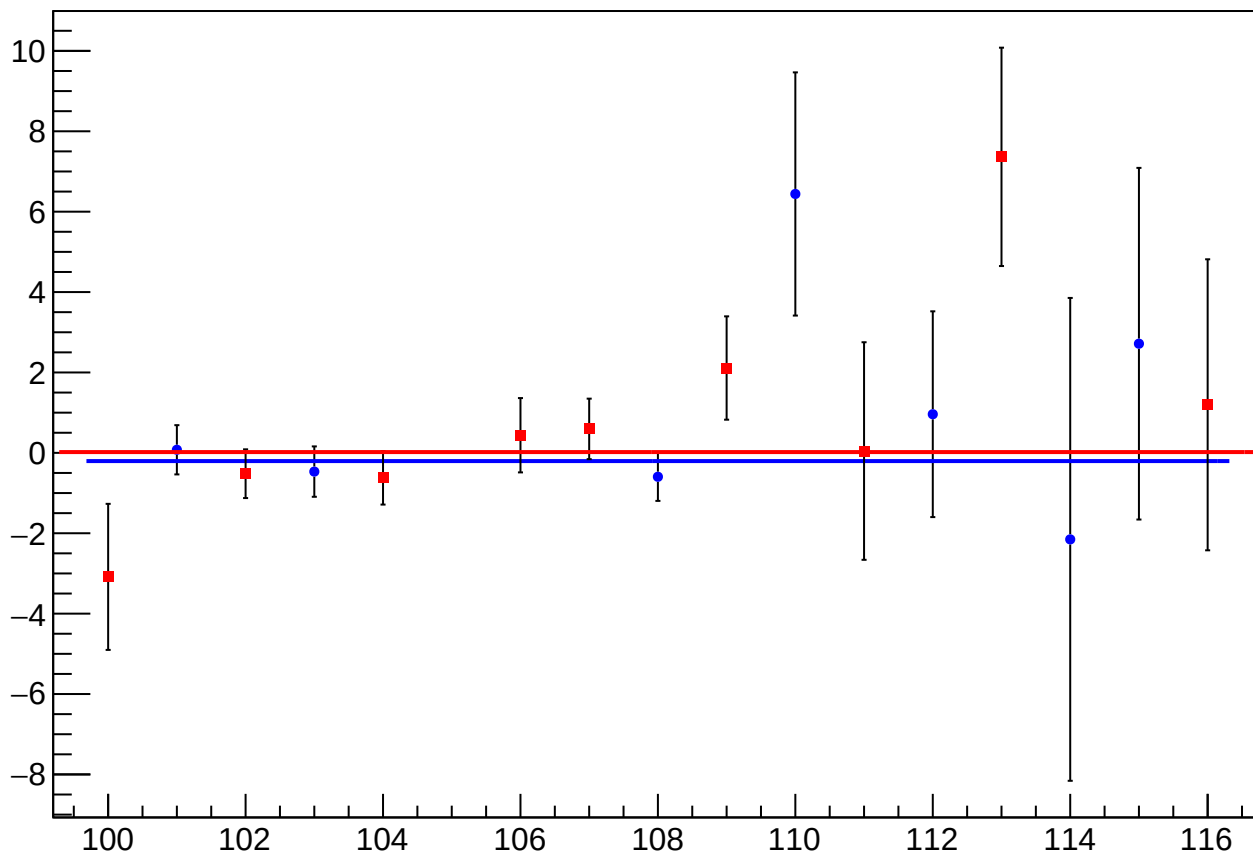
Right: 13706.805+/-3.882 χ^2/NDF : 109830.5/15

In: 13501.184+/-5.759 χ^2/NDF : 69398.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13706.805+/-3.882 χ^2/NDF : 109830.5/15

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.205 ± 0.346 χ^2/NDF : 6.4/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.020 ± 0.330 χ^2/NDF : 15.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

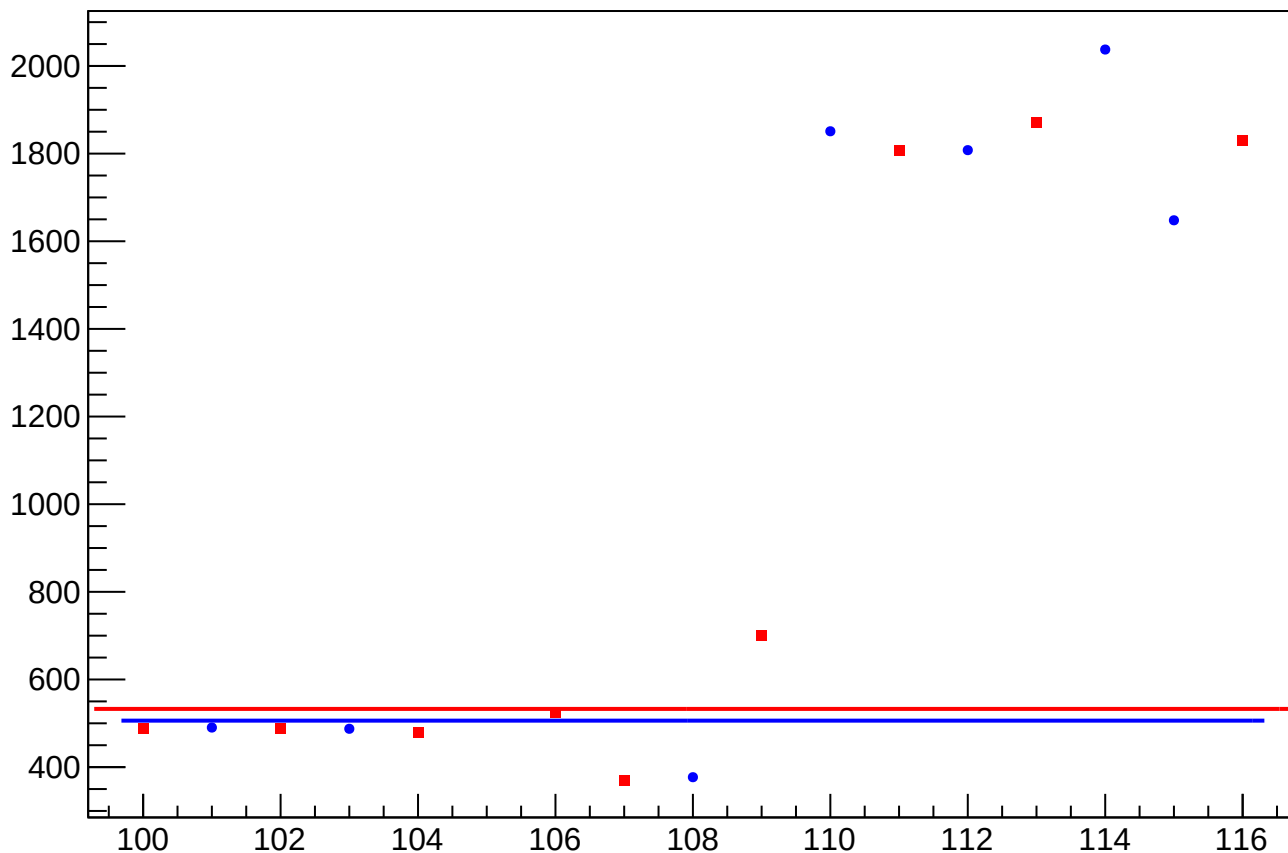
Right: -0.087 ± 0.239 χ^2/NDF : 22.1/15

In: -0.205 ± 0.346 χ^2/NDF : 6.4/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.239 χ^2/NDF : 22.1/15

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 506.089+/-0.245 χ^2/NDF : 1274579.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.865+/-0.233 χ^2/NDF : 1338988.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

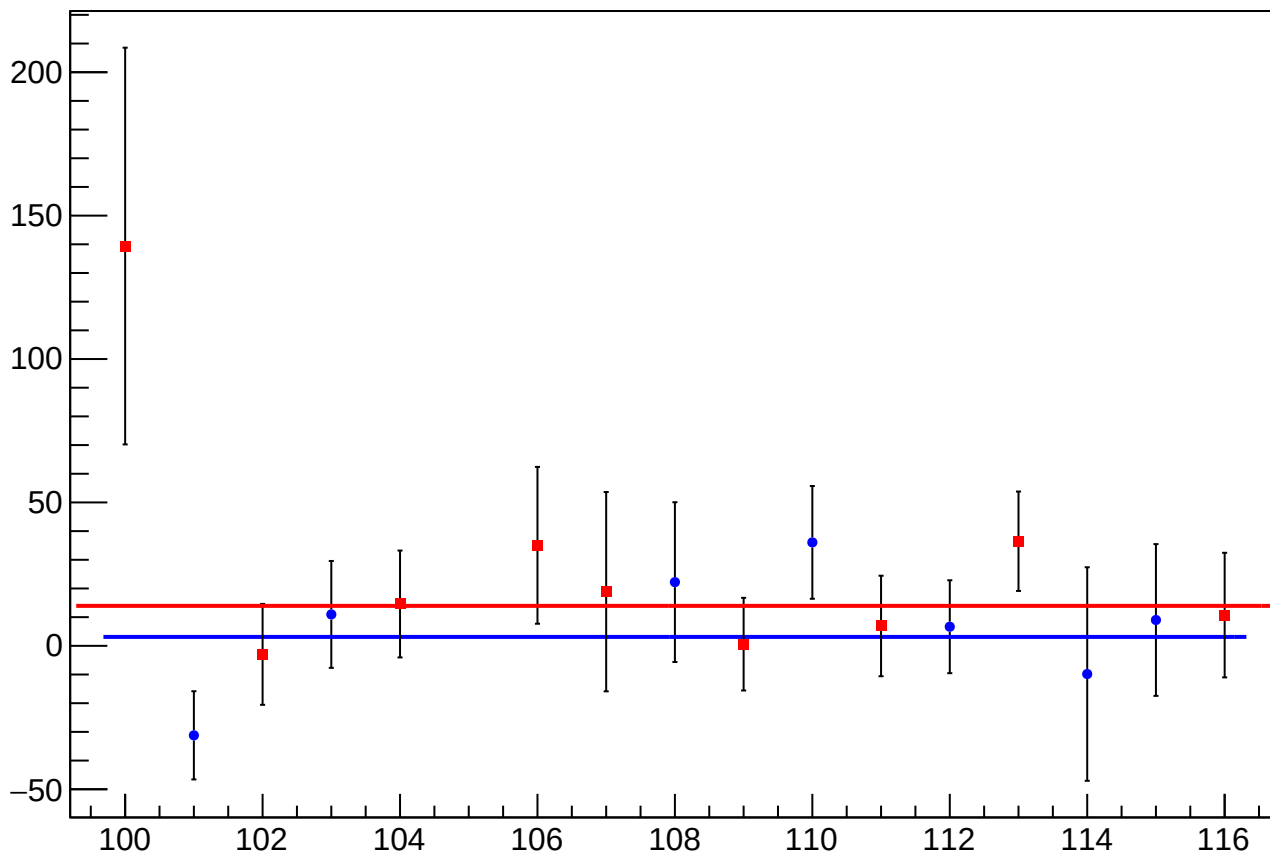
Right: 520.130+/-0.169 χ^2/NDF : 2619831.4/15

In: 506.089+/-0.245 χ^2/NDF : 1274579.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.130+/-0.169 χ^2/NDF : 2619831.4/15

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 3.112 $\pm$ 7.682 χ^2 /NDF: 8.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.935 $\pm$ 6.896 χ^2 /NDF: 7.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

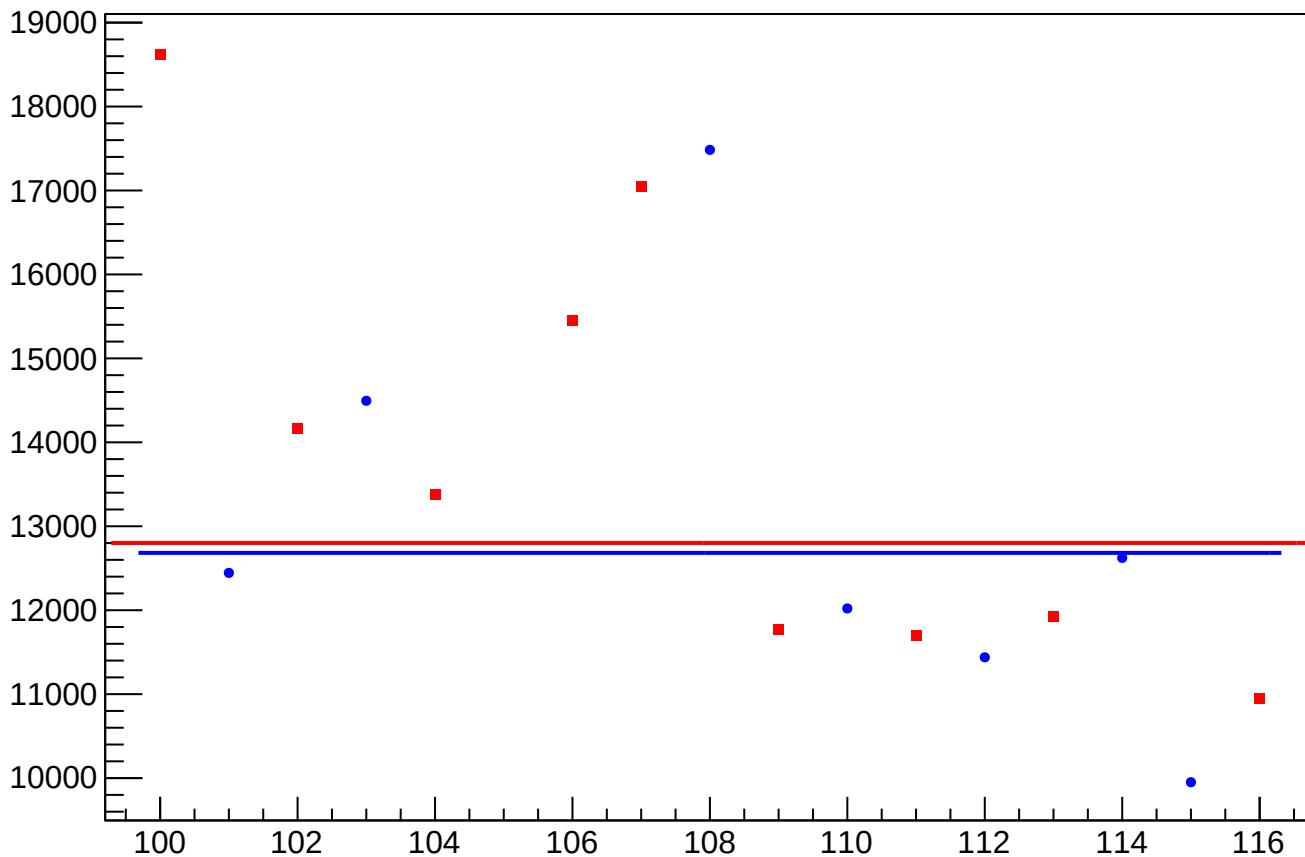
Right: 9.105 $\pm$ 5.132 χ^2 /NDF: 17.1/15

In: 3.112 $\pm$ 7.682 χ^2 /NDF:8.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.105 $\pm$ 5.132 χ^2 /NDF: 17.1/15

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 12682.943+/-5.432 χ^2/NDF : 114198.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12801.085+/-4.876 χ^2/NDF : 112430.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

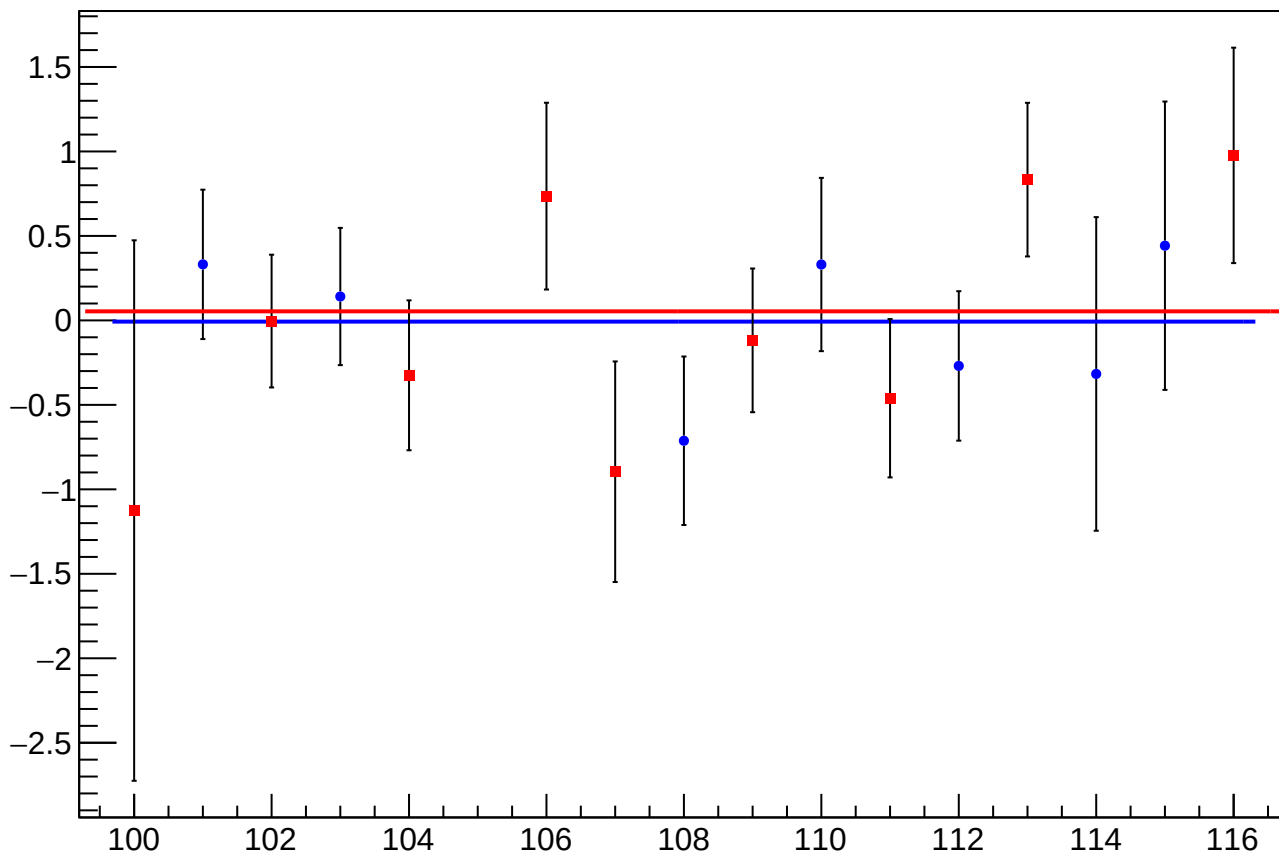
Right: 12748.359+/-3.629 χ^2/NDF : 226891.7/15

In: 12682.943+/-5.432 χ^2/NDF : 114198.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12748.359+/-3.629 χ^2/NDF : 226891.7/15

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.194 χ^2 /NDF: 3.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.054 $\pm$ 0.169 χ^2 /NDF: 11.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

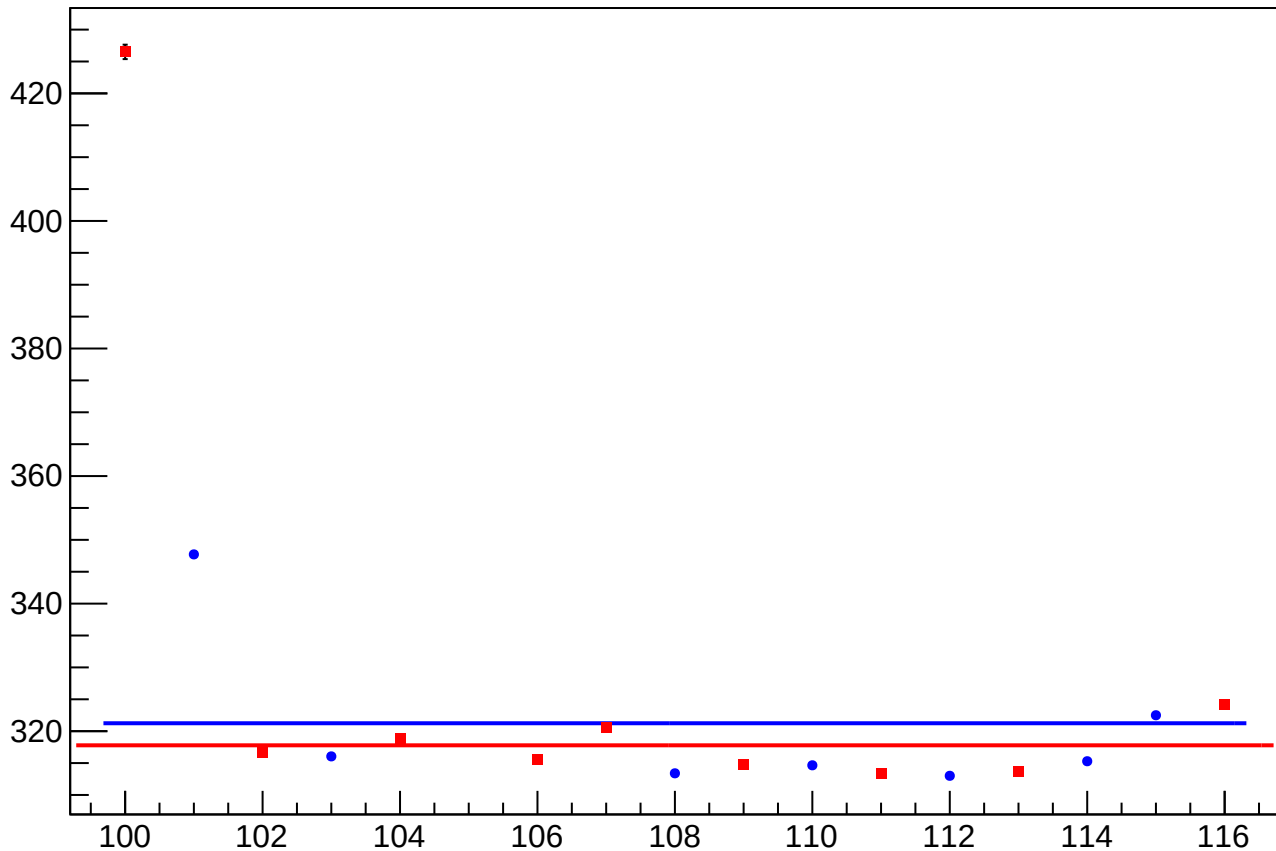
Right: 0.027 $\pm$ 0.127 χ^2 /NDF: 15.3/15

In: -0.007 $\pm$ 0.194 χ^2 /NDF:3.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.127 χ^2 /NDF: 15.3/15

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.244+/-0.137 χ^2/NDF : 9105.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.785+/-0.120 χ^2/NDF : 9967.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

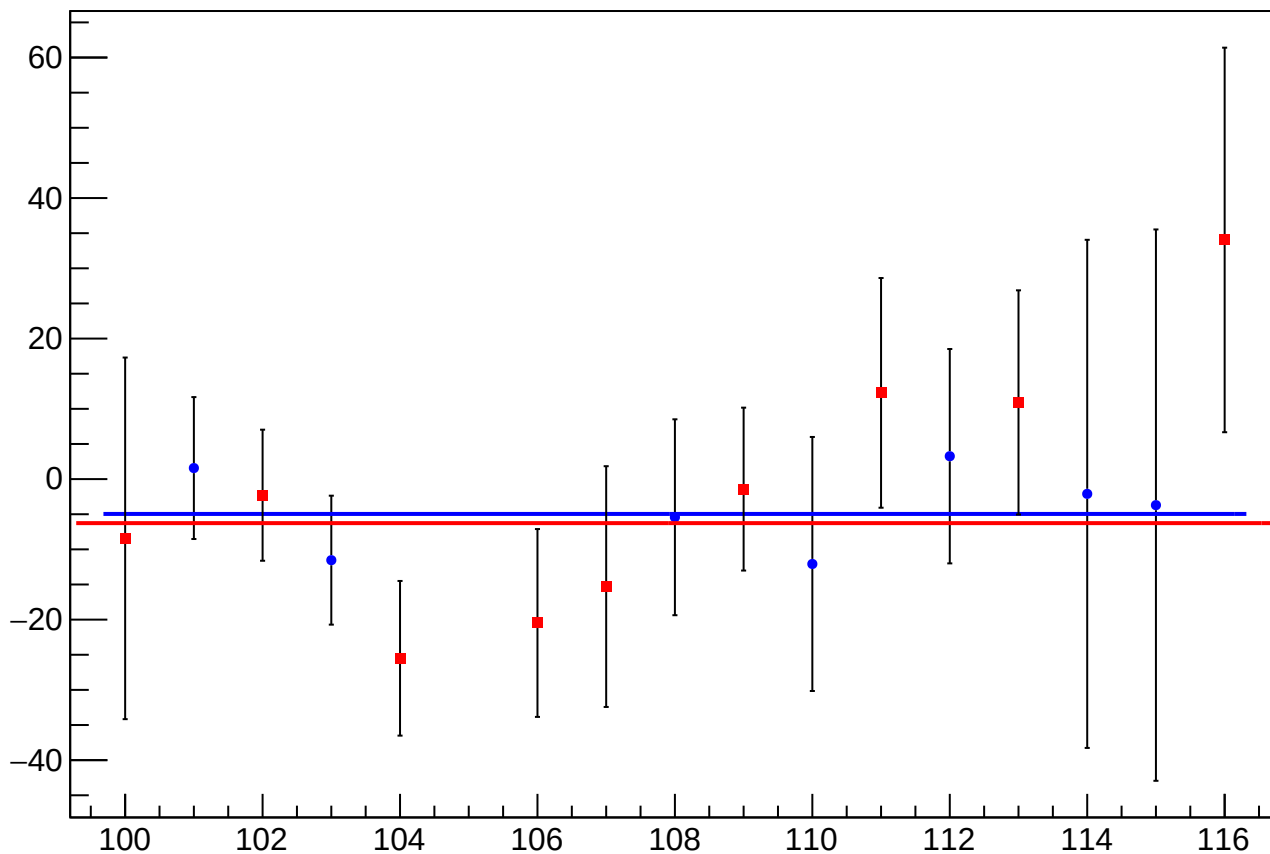
Right: 319.281+/-0.090 χ^2/NDF : 19434.5/15

In: 321.244+/-0.137 χ^2/NDF : 9105.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.281+/-0.090 χ^2/NDF : 19434.5/15

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -4.958+/-5.300 χ^2/NDF : 1.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.266+/-4.627 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

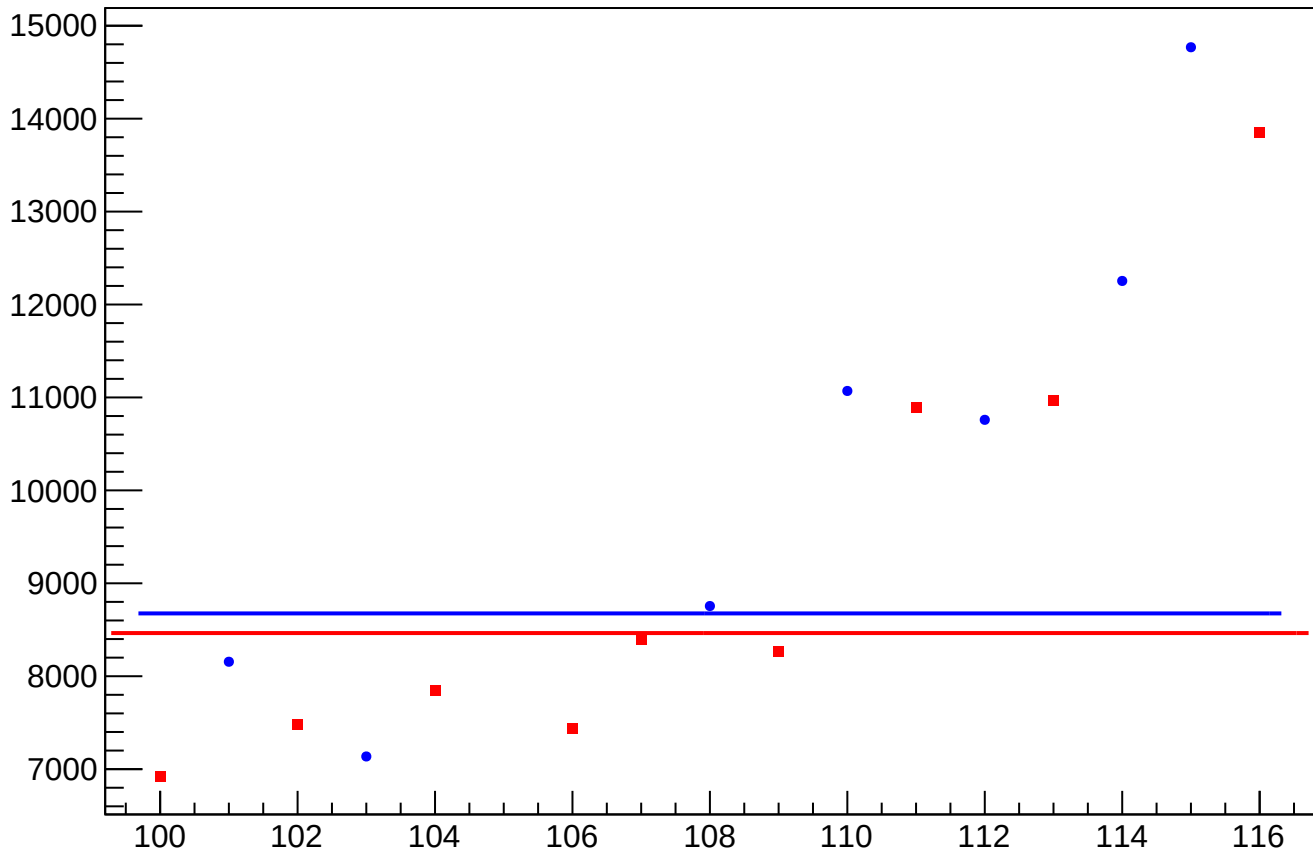
Right: -5.700+/-3.486 χ^2/NDF : 10.9/15

In: -4.958+/-5.300 χ^2/NDF : 1.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.700+/-3.486 χ^2/NDF : 10.9/15

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8675.939+/-3.748 χ^2/NDF : 201827.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8464.473+/-3.272 χ^2/NDF : 218892.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

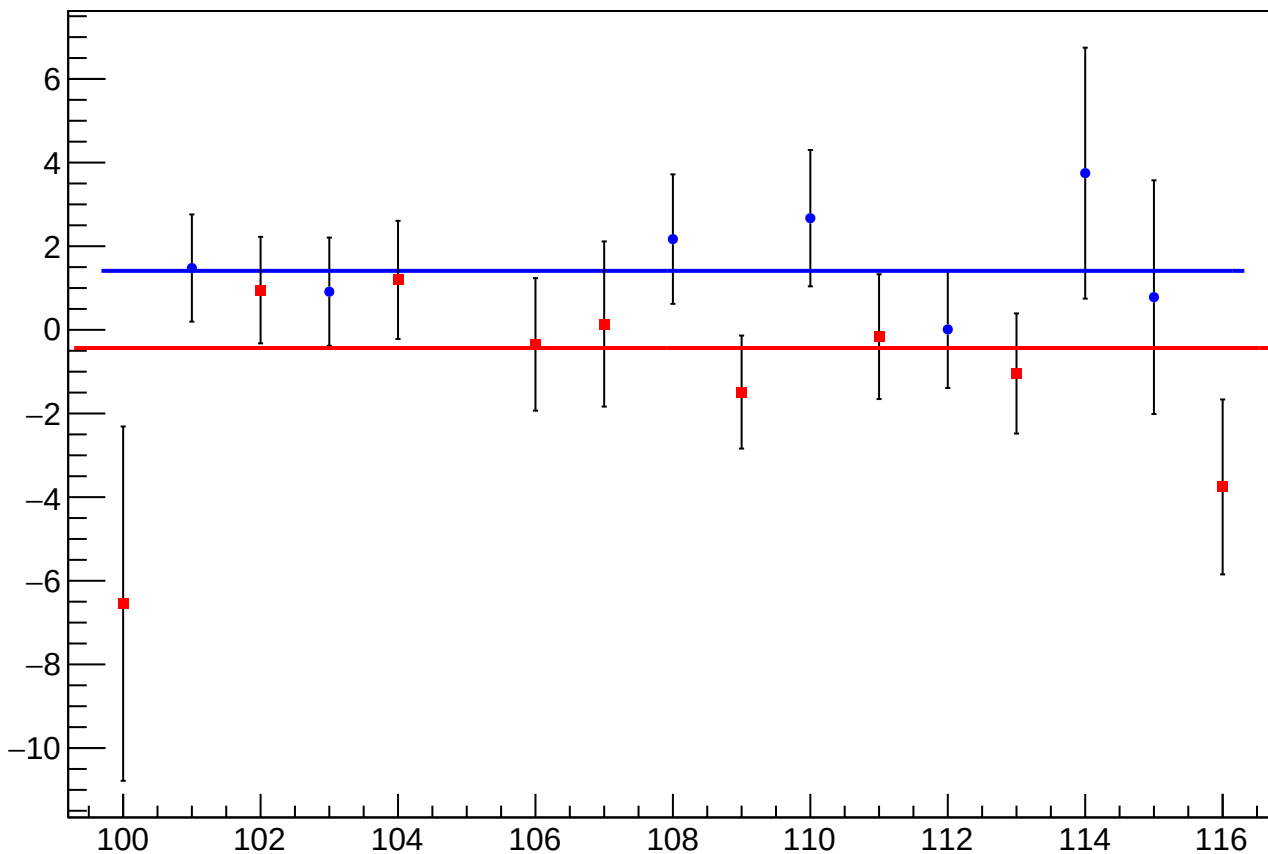
Right: 8555.930+/-2.465 χ^2/NDF : 422526.4/15

In: 8675.939+/-3.748 χ^2/NDF : 201827.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8555.930+/-2.465 χ^2/NDF : 422526.4/15

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.411+/-0.603 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.434+/-0.532 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

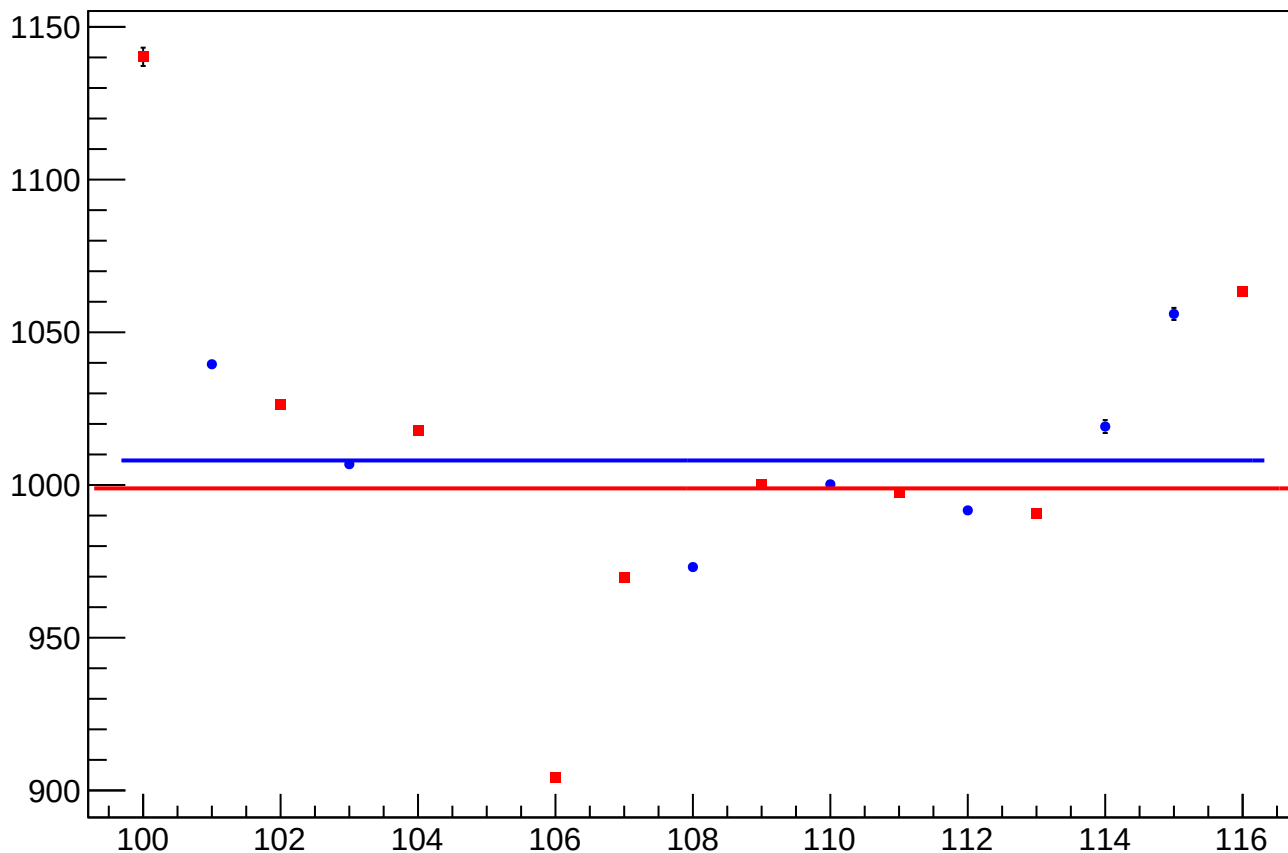
Right: 0.373+/-0.399 χ^2/NDF : 15.9/15

In: 1.411+/-0.603 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.373+/-0.399 χ^2/NDF : 15.9/15

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1008.038 $\pm$ 0.427 χ^2 /NDF: 3161.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 998.897 $\pm$ 0.376 χ^2 /NDF: 13057.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

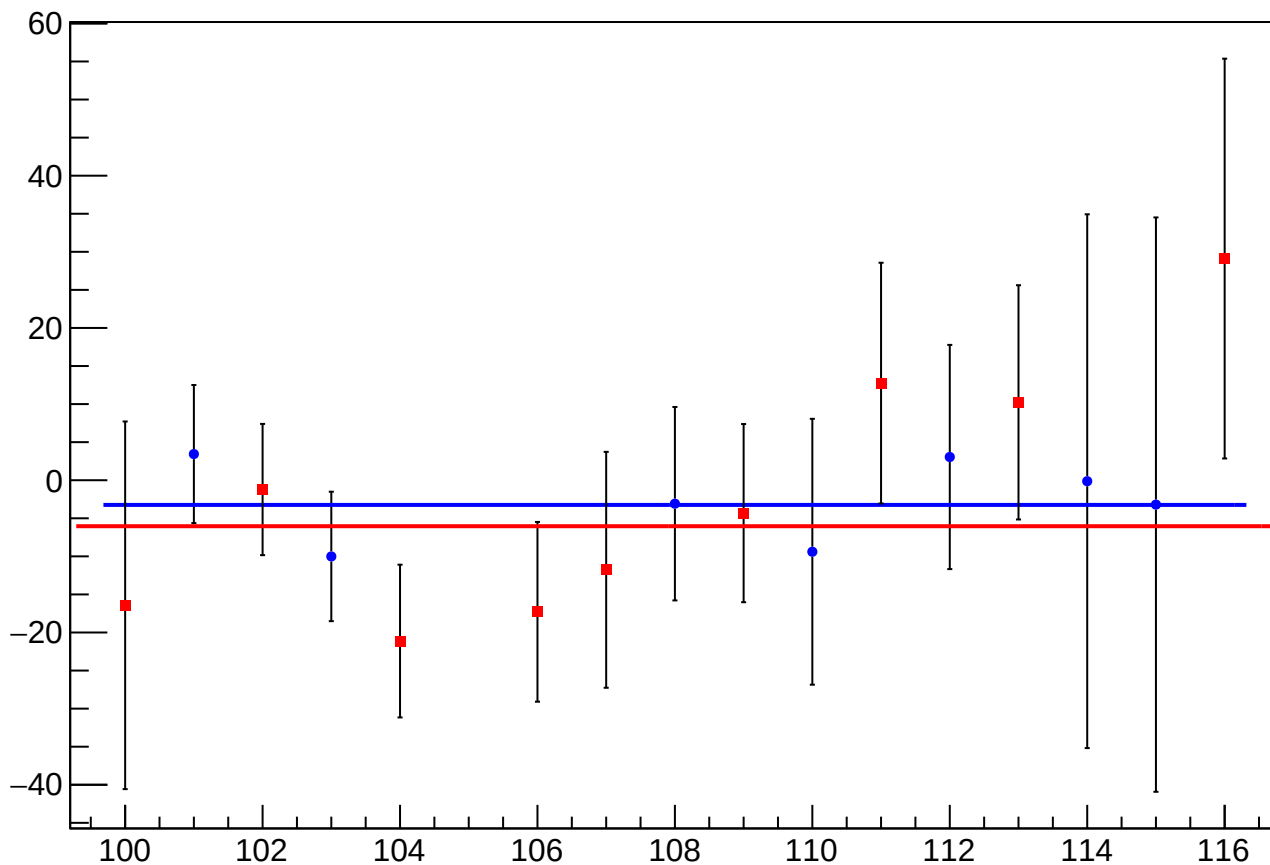
Right: 1002.892 $\pm$ 0.282 χ^2 /NDF: 16477.3/15

In: 1008.038 $\pm$ 0.427 χ^2 /NDF:3161.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1002.892 $\pm$ 0.282 χ^2 /NDF: 16477.3/15

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -3.242+/-4.903 χ^2 /NDF: 1.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.040+/-4.326 χ^2 /NDF: 8.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

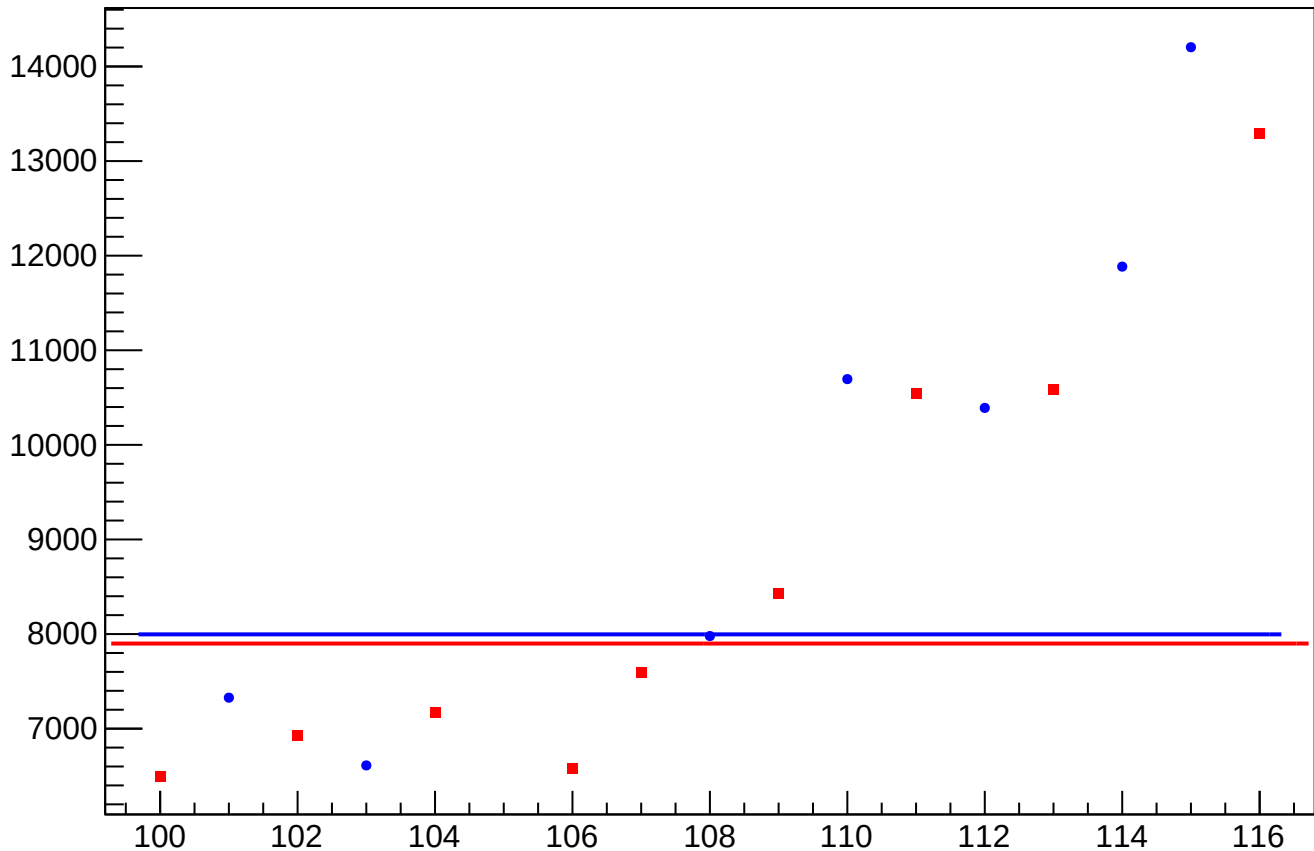
Right: -4.815+/-3.244 χ^2 /NDF: 9.8/15

In: -3.242+/-4.903 χ^2 /NDF:1.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.815+/-3.244 χ^2 /NDF: 9.8/15

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7996.898 $\pm$ 3.467 χ^2 /NDF: 243361.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7899.832 $\pm$ 3.059 χ^2 /NDF: 274103.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

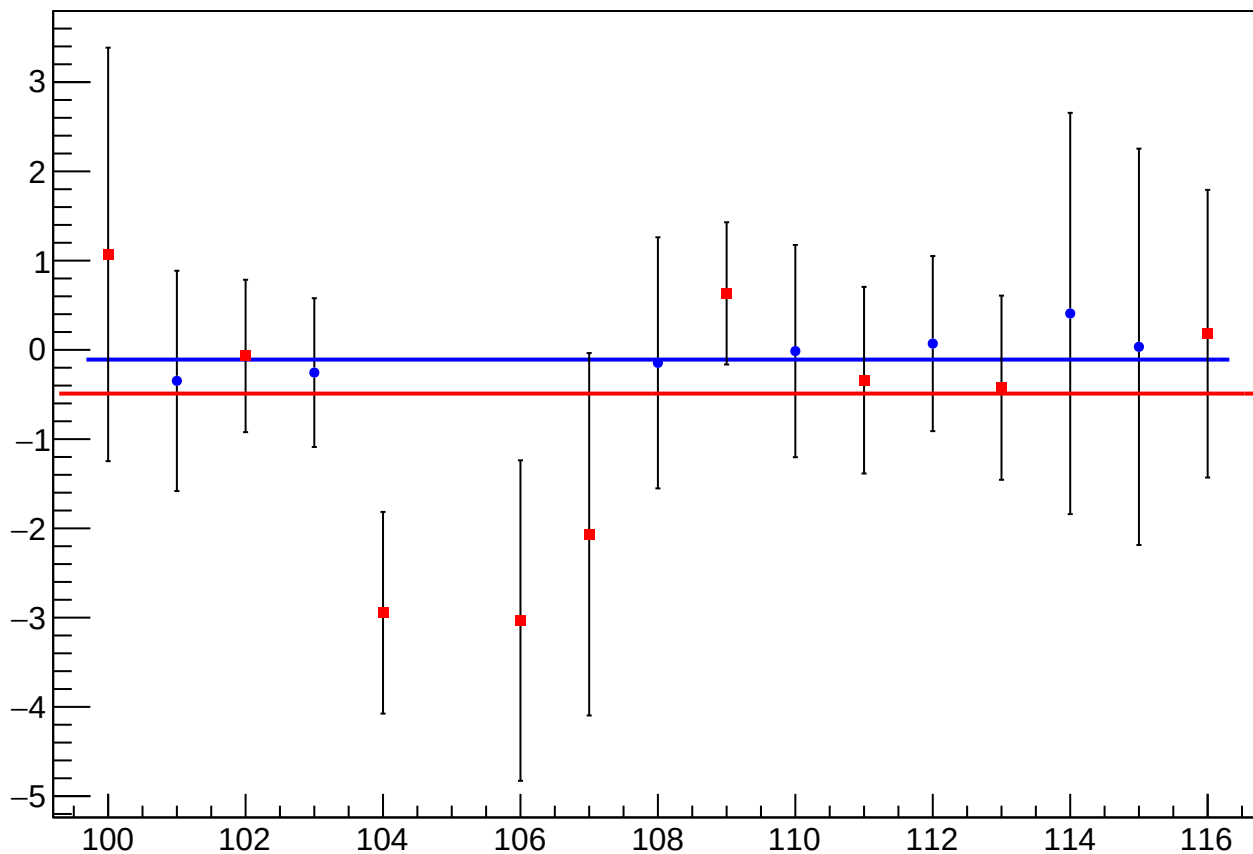
Right: 7942.324 $\pm$ 2.294 χ^2 /NDF: 517905.6/15

In: 7996.898 $\pm$ 3.467 χ^2 /NDF:243361.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7942.324 $\pm$ 2.294 χ^2 /NDF: 517905.6/15

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.109+/-0.459 χ^2/NDF : 0.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.490+/-0.386 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

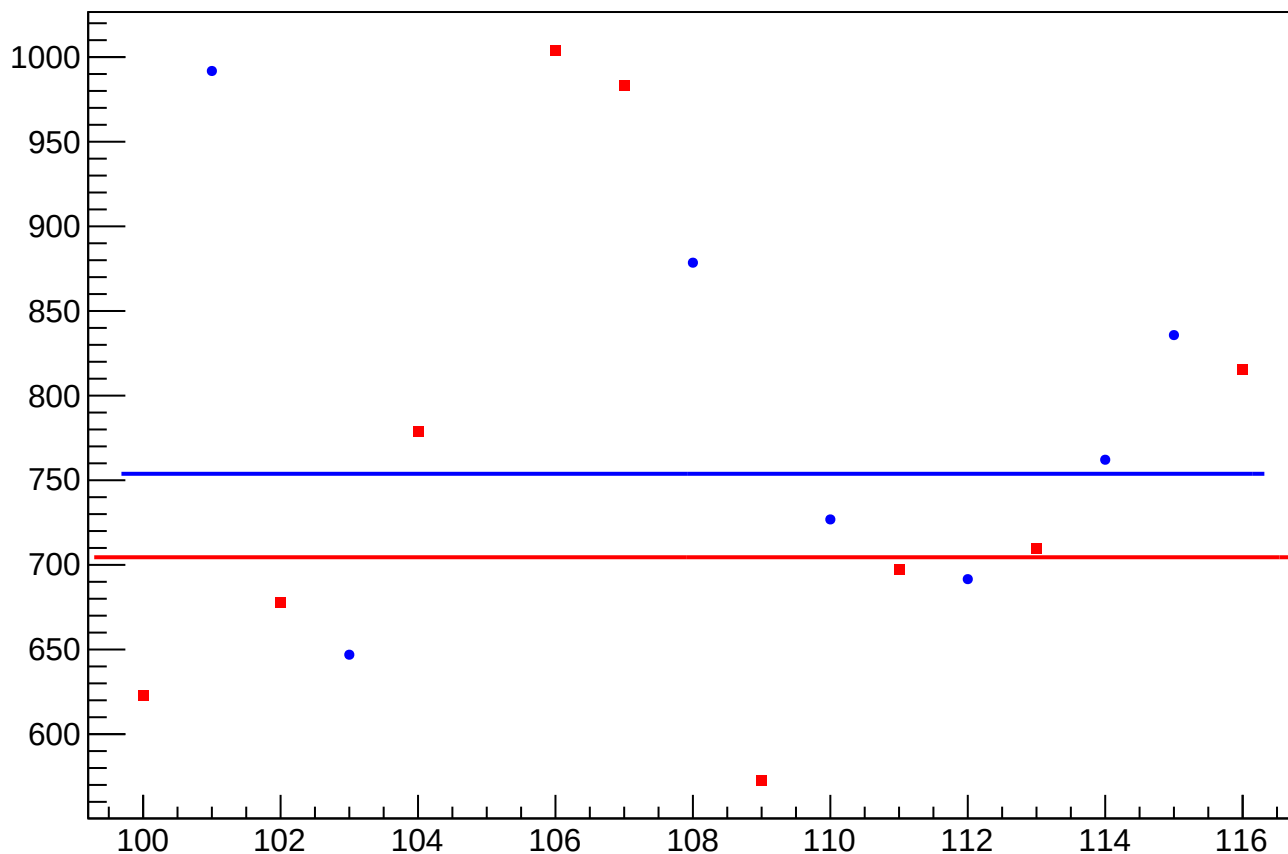
Right: -0.332+/-0.295 χ^2/NDF : 10.8/15

In: -0.109+/-0.459 χ^2/NDF : 0.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.332+/-0.295 χ^2/NDF : 10.8/15

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 753.818+/-0.324 χ^2/NDF : 134834.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 704.508+/-0.273 χ^2/NDF : 170983.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

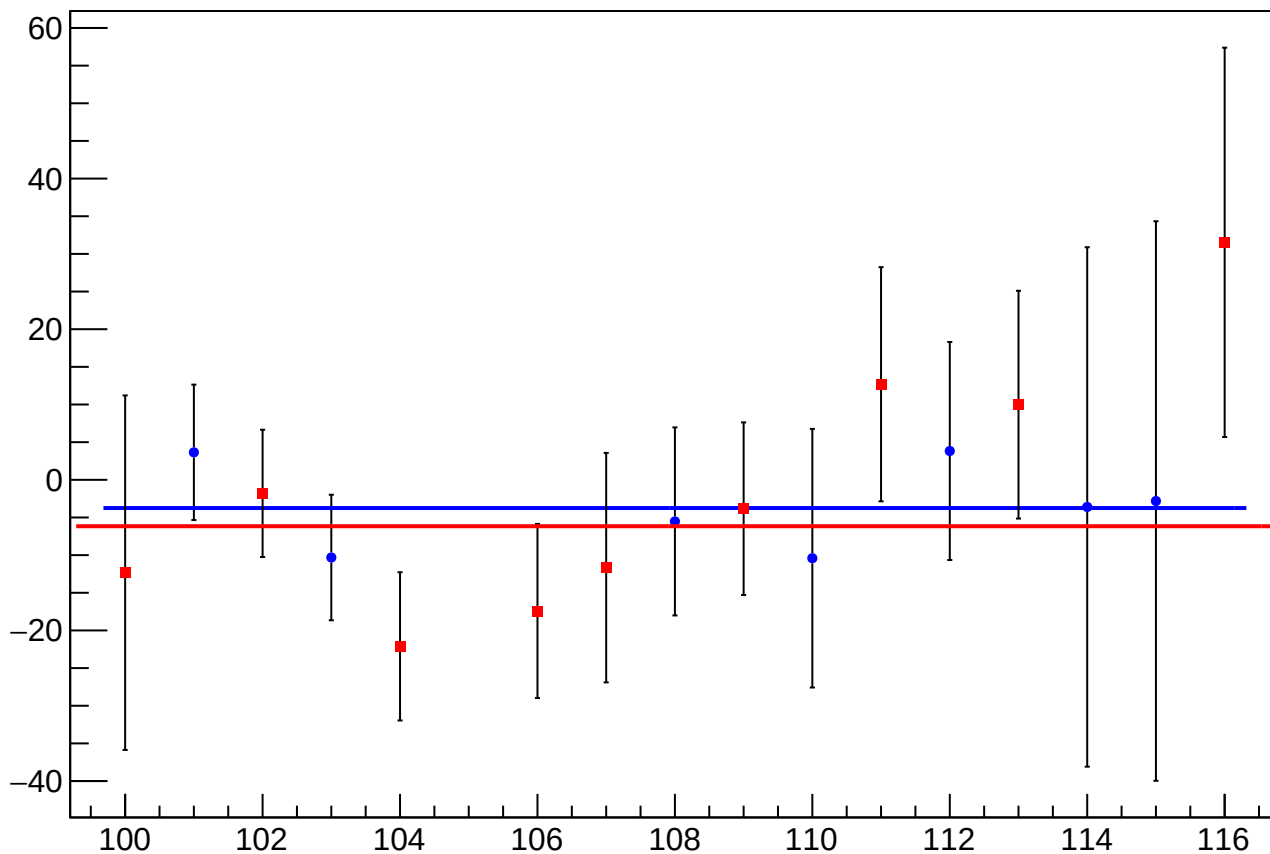
Right: 724.945+/-0.209 χ^2/NDF : 319340.2/15

In: 753.818+/-0.324 χ^2/NDF : 134834.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.945+/-0.209 χ^2/NDF : 319340.2/15

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.747 $\pm$ 4.827 χ^2 /NDF: 1.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.163 $\pm$ 4.244 χ^2 /NDF: 8.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

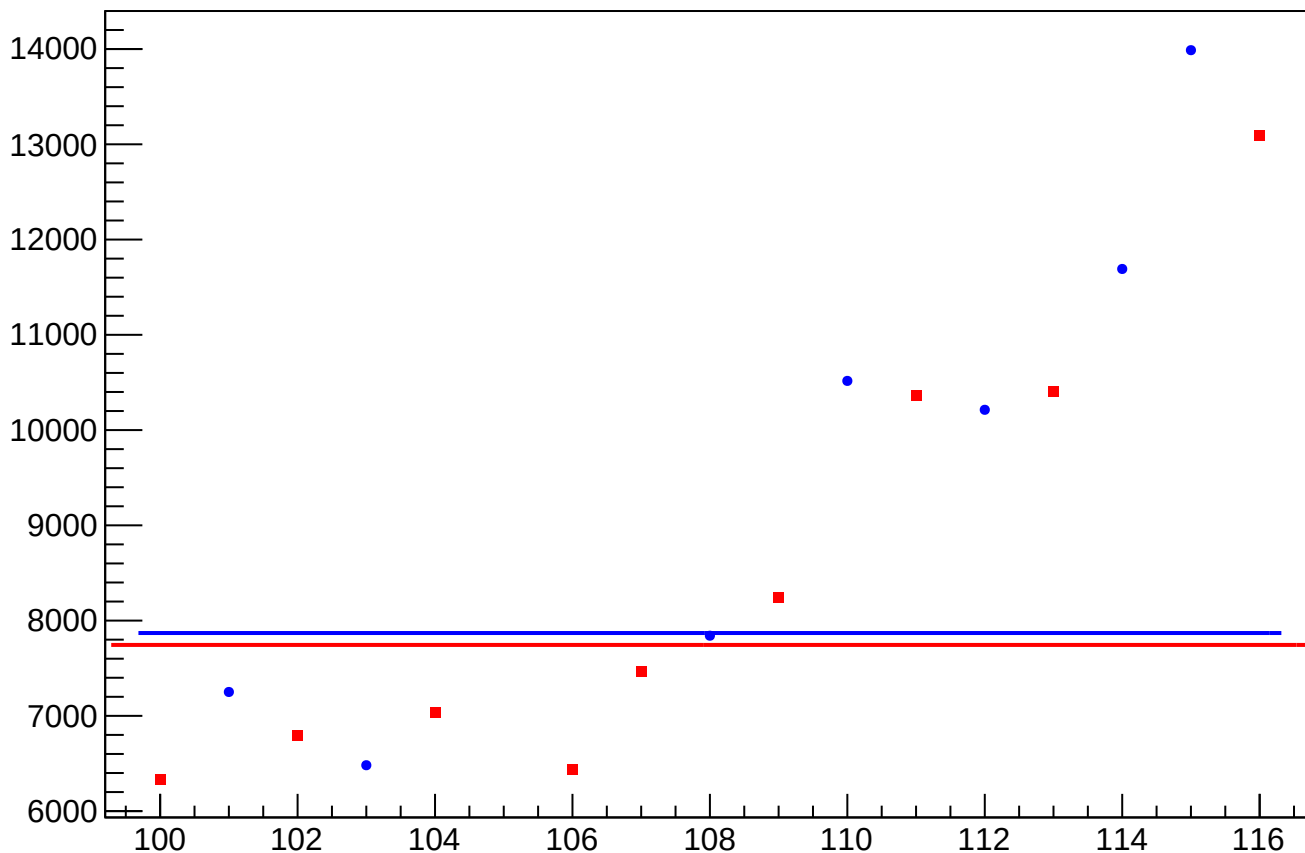
Right: -5.110 $\pm$ 3.187 χ^2 /NDF: 10.7/15

In: -3.747 $\pm$ 4.827 χ^2 /NDF:1.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.110 $\pm$ 3.187 χ^2 /NDF: 10.7/15

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7869.553+/-3.413 χ^2/NDF : 243685.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7744.601+/-3.001 χ^2/NDF : 277398.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

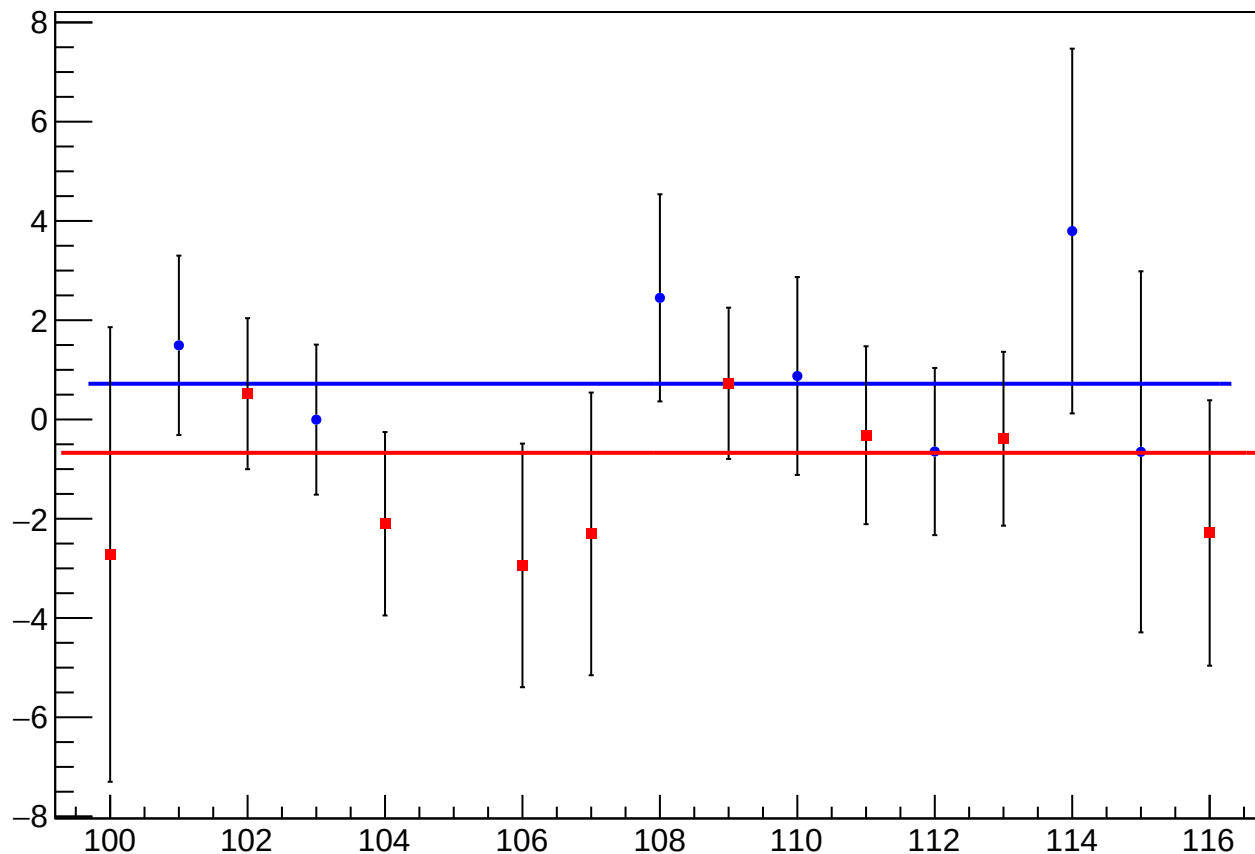
Right: 7799.068+/-2.254 χ^2/NDF : 521839.1/15

In: 7869.553+/-3.413 χ^2/NDF :243685.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7799.068+/-2.254 χ^2/NDF : 521839.1/15

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.720 $\pm$ 0.761 χ^2 /NDF: 2.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.672 $\pm$ 0.664 χ^2 /NDF: 3.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

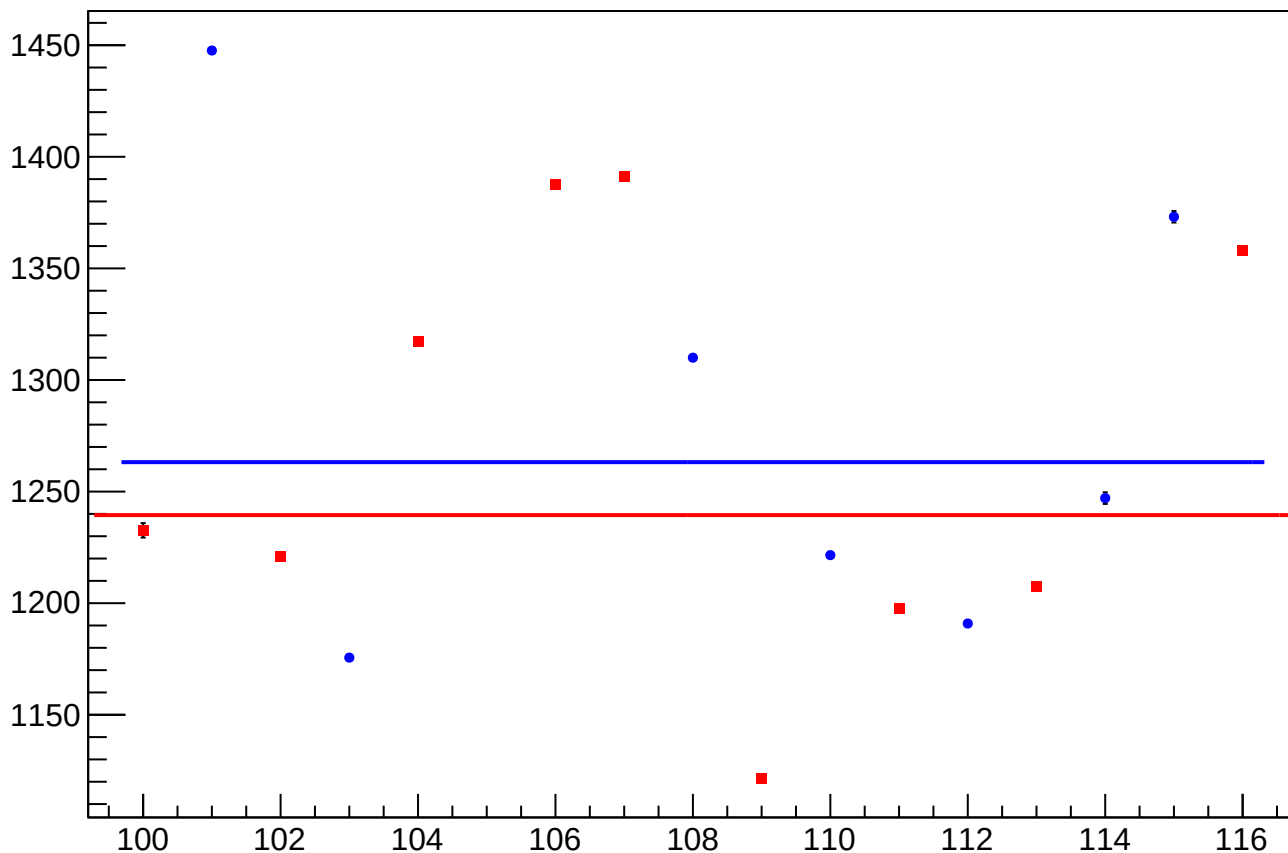
Right: -0.070 $\pm$ 0.500 χ^2 /NDF: 8.4/15

In: 0.720 $\pm$ 0.761 χ^2 /NDF:2.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.070 $\pm$ 0.500 χ^2 /NDF: 8.4/15

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1263.182 $\pm$ 0.538 χ^2 /NDF: 34957.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1239.464 $\pm$ 0.469 χ^2 /NDF: 34474.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

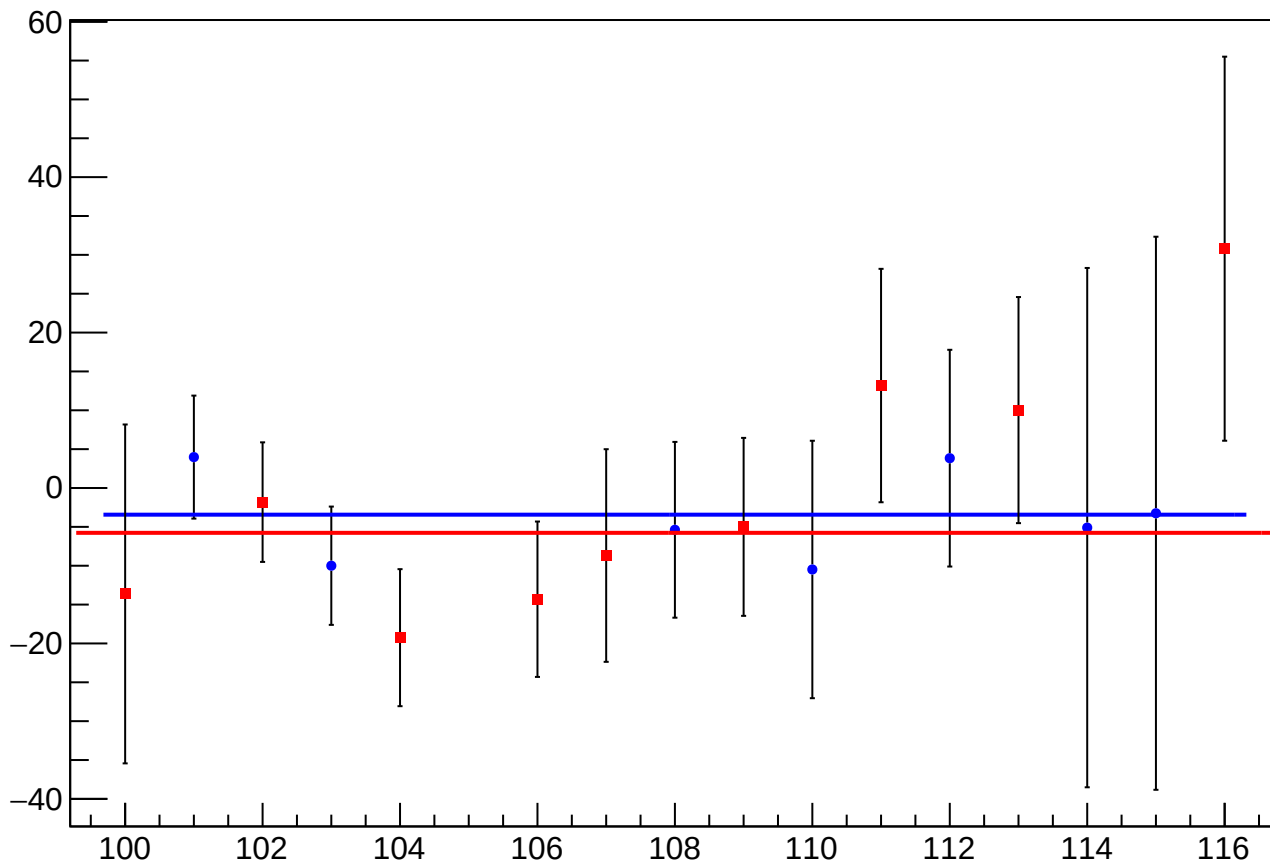
Right: 1249.714 $\pm$ 0.354 χ^2 /NDF: 70535.8/15

In: 1263.182 $\pm$ 0.538 χ^2 /NDF:34957.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1249.714 $\pm$ 0.354 χ^2 /NDF: 70535.8/15

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.431 $\pm$ 4.405 χ^2 /NDF: 2.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.768 $\pm$ 3.903 χ^2 /NDF: 8.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

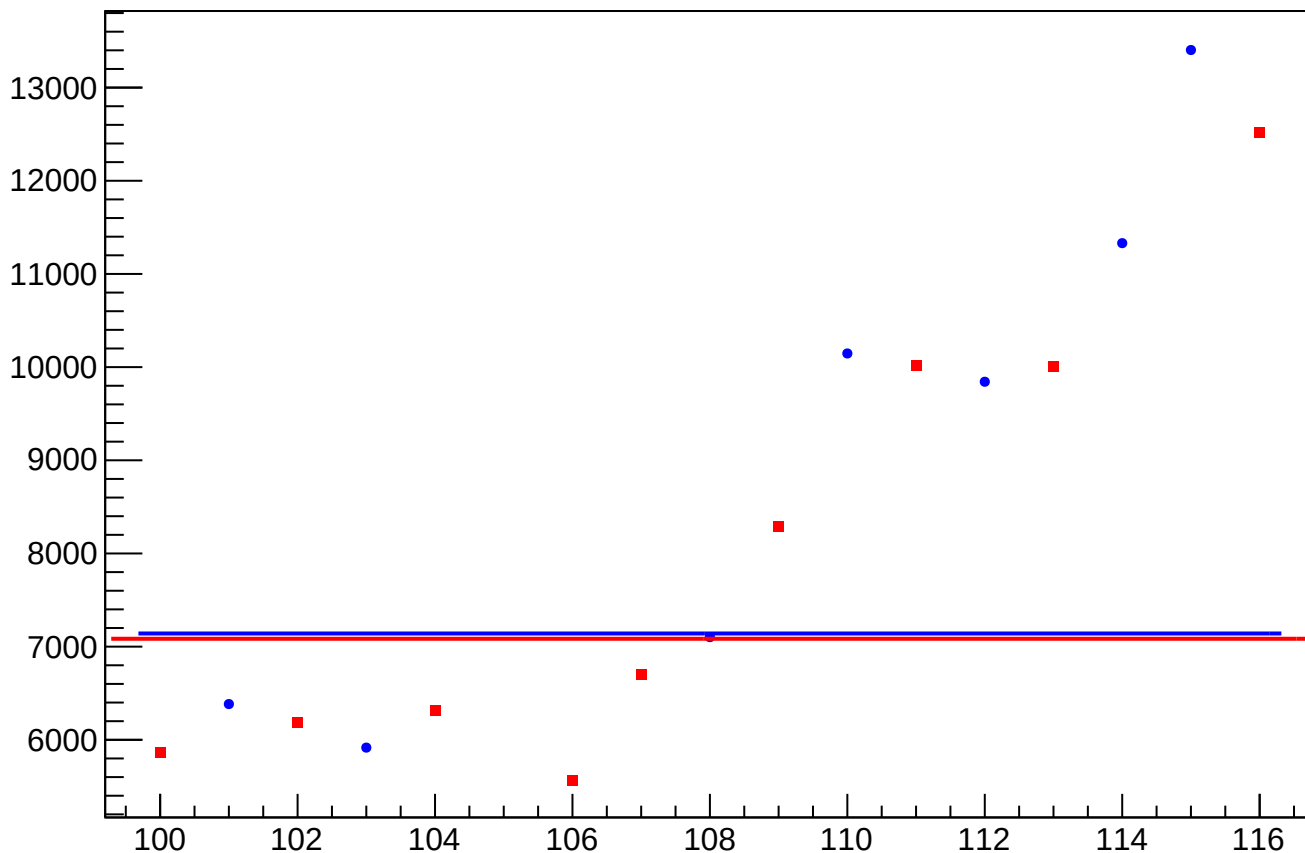
Right: -4.740 $\pm$ 2.921 χ^2 /NDF: 10.7/15

In: -3.431 $\pm$ 4.405 χ^2 /NDF:2.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.740 $\pm$ 2.921 χ^2 /NDF: 10.7/15

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7141.260+/-3.115 χ^2/NDF : 304492.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7084.663+/-2.760 χ^2/NDF : 372201.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

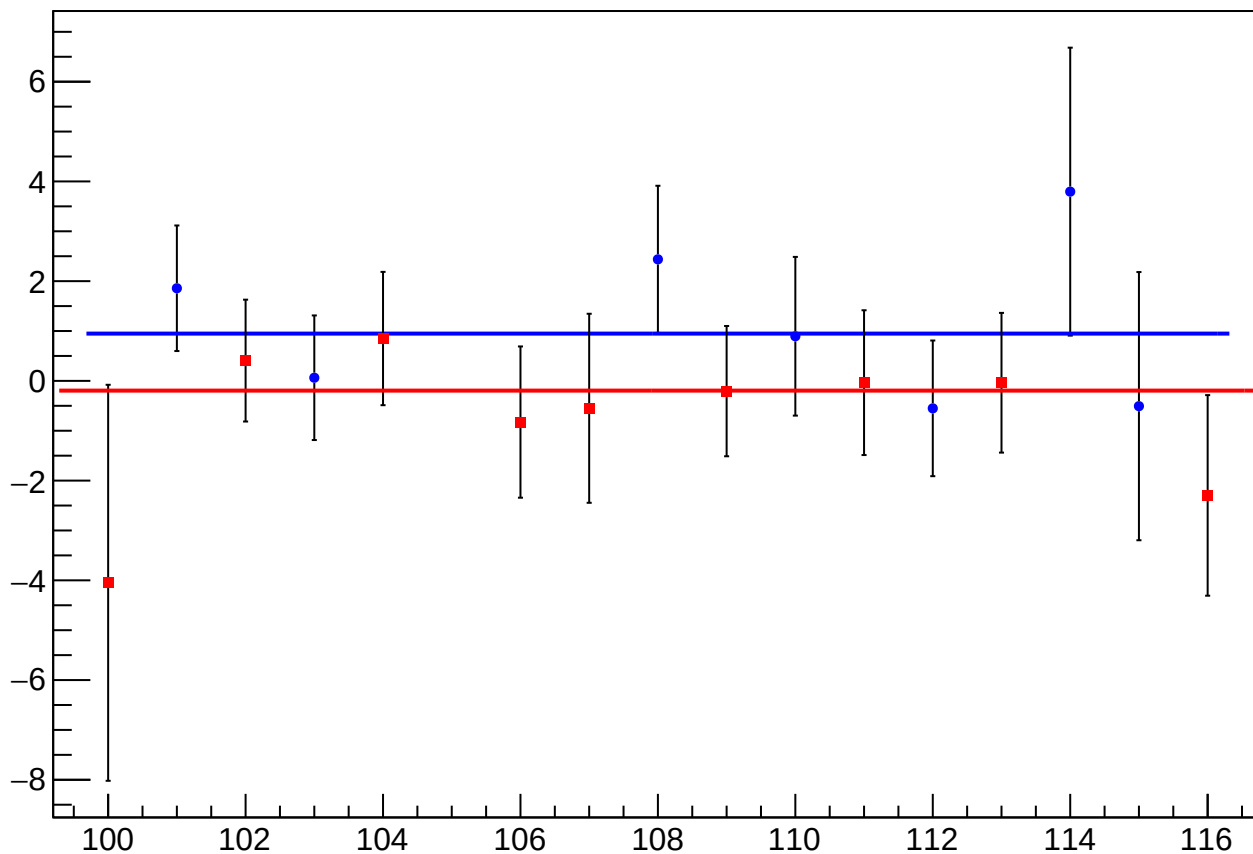
Right: 7109.553+/-2.066 χ^2/NDF : 676879.3/15

In: 7141.260+/-3.115 χ^2/NDF : 304492.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7109.553+/-2.066 χ^2/NDF : 676879.3/15

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.948 $\pm$ 0.585 χ^2 /NDF: 4.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.195 $\pm$ 0.511 χ^2 /NDF: 3.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

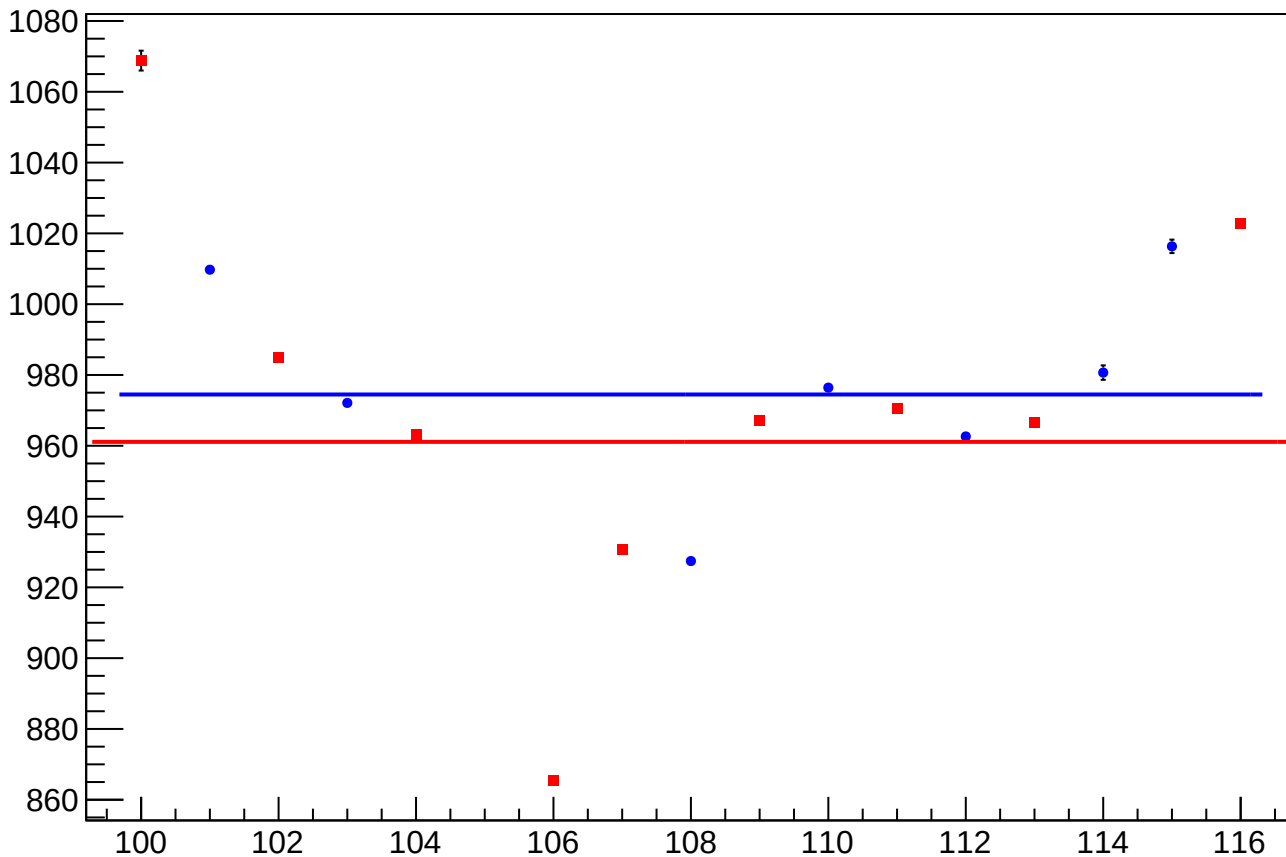
Right: 0.301 $\pm$ 0.385 χ^2 /NDF: 9.8/15

In: 0.948 $\pm$ 0.585 χ^2 /NDF:4.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.301 $\pm$ 0.385 χ^2 /NDF: 9.8/15

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 974.485+/-0.414 χ^2/NDF : 4257.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 961.101+/-0.362 χ^2/NDF : 12725.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

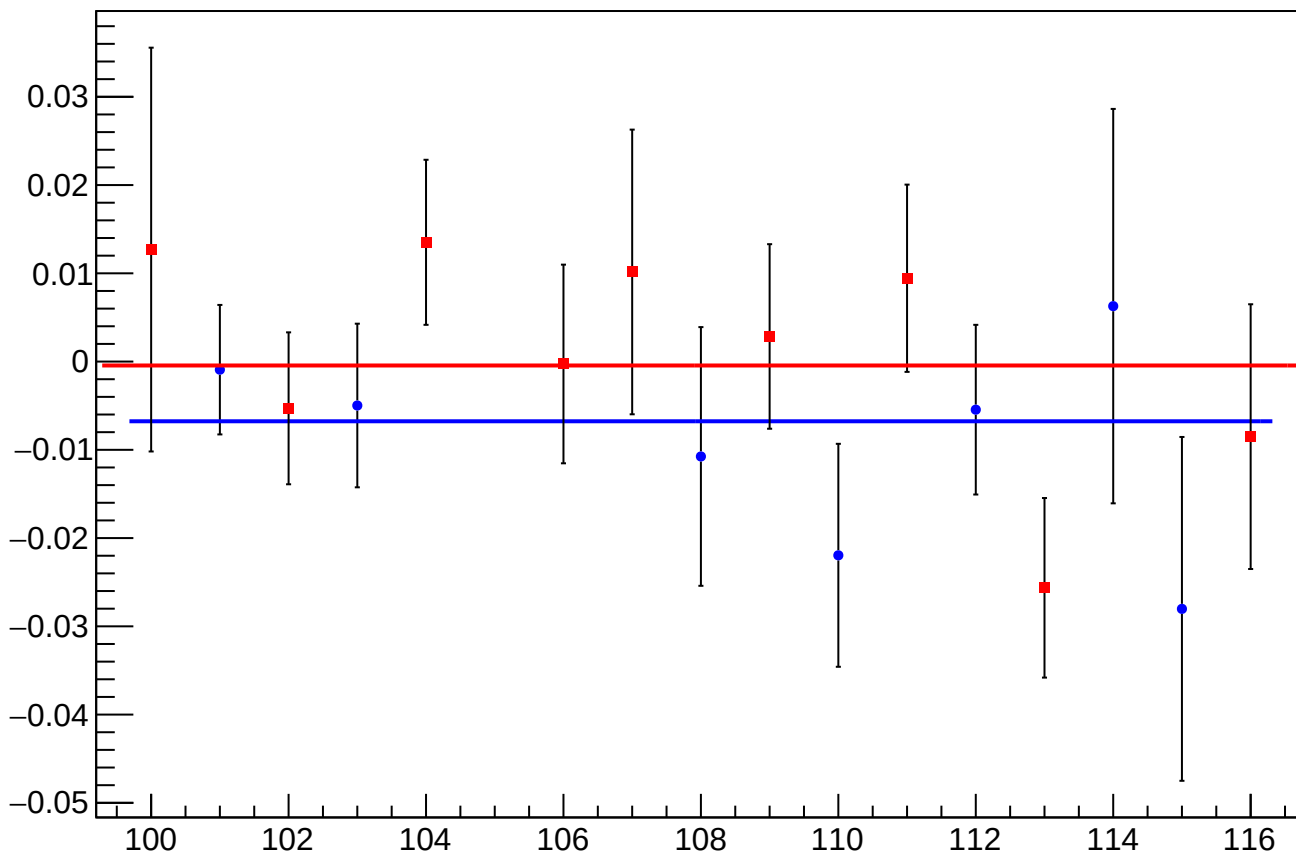
Right: 966.902+/-0.272 χ^2/NDF : 17576.1/15

In: 974.485+/-0.414 χ^2/NDF : 4257.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.902+/-0.272 χ^2/NDF : 17576.1/15

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.004 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.004 χ^2 /NDF: 10.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

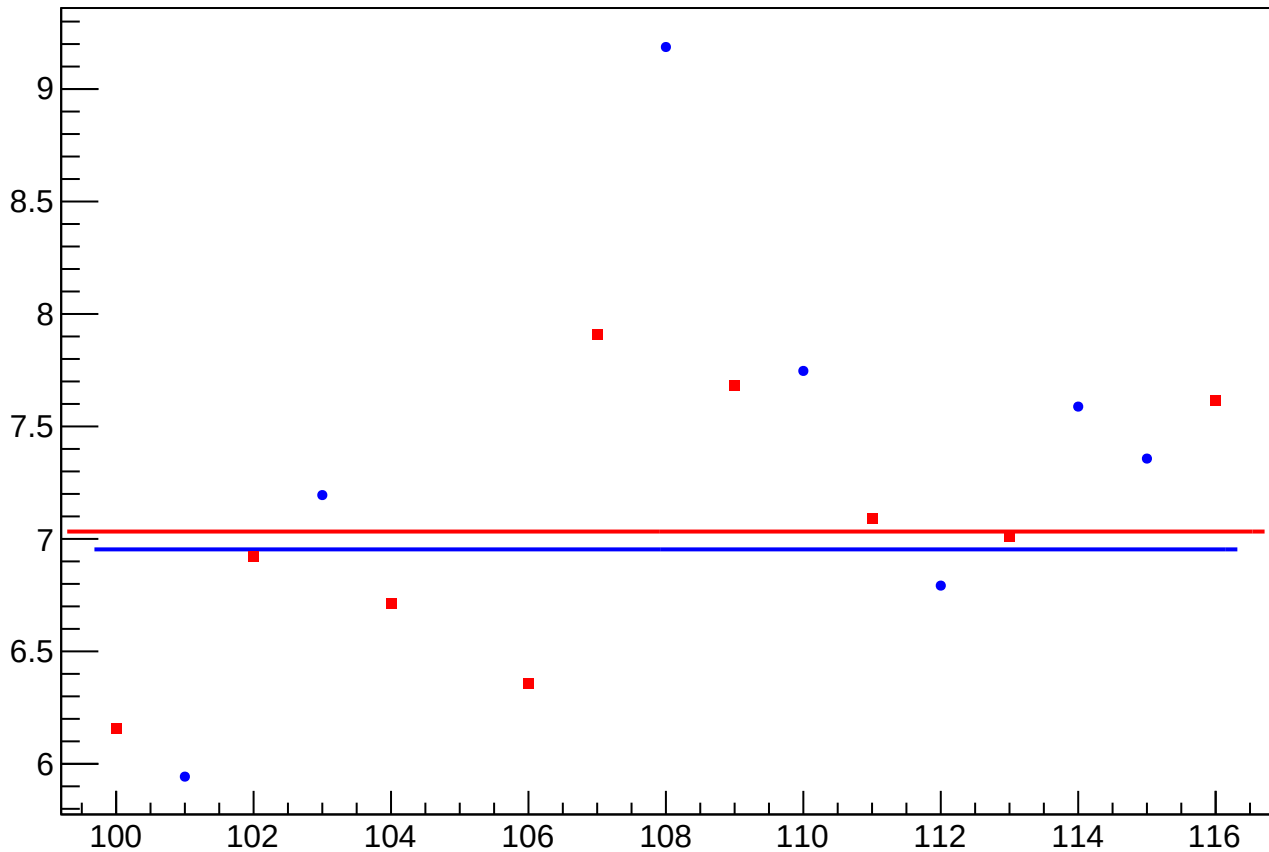
Right: -0.003 $\pm$ 0.003 χ^2 /NDF: 15.7/15

In: -0.007 $\pm$ 0.004 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.003 χ^2 /NDF: 15.7/15

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.953 ± 0.003 χ^2/NDF : 96649.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.033 ± 0.003 χ^2/NDF : 29504.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

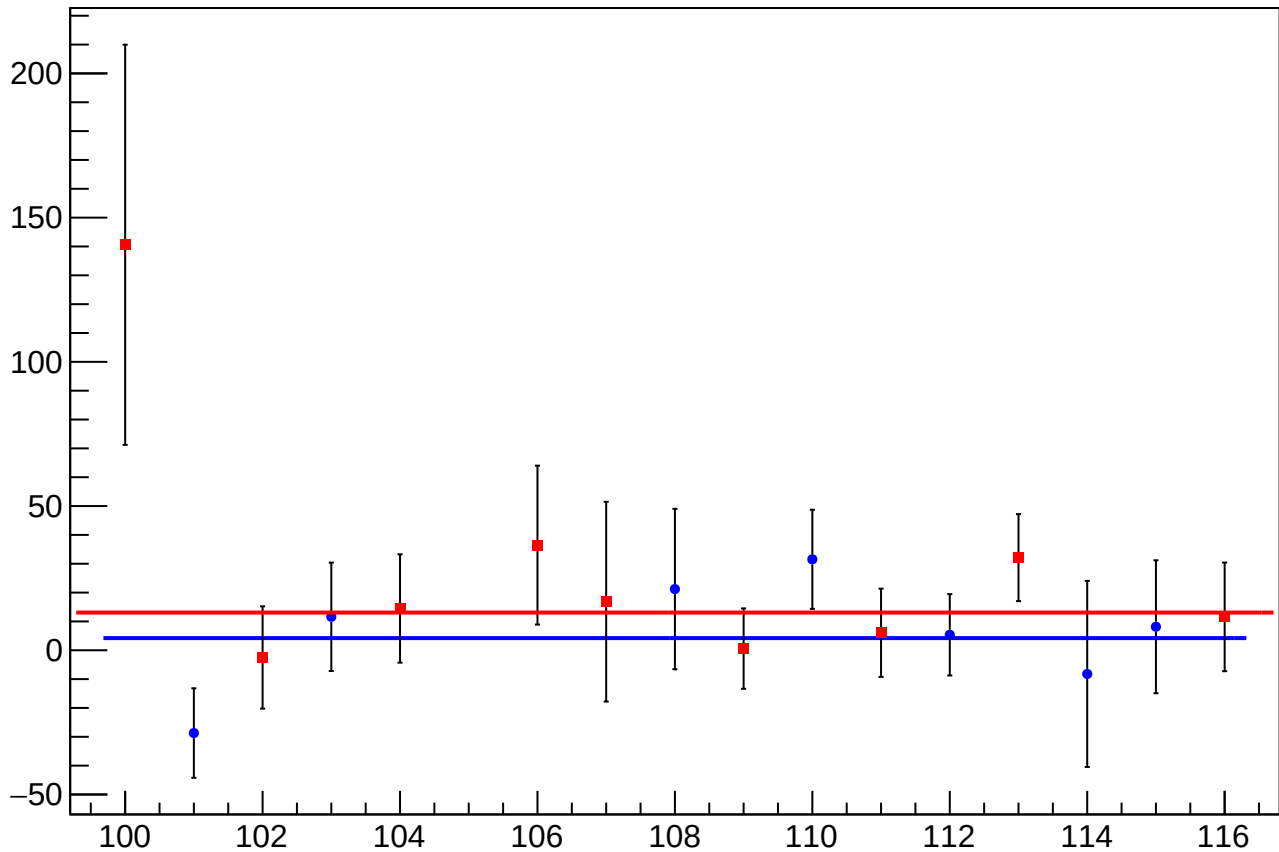
Right: 6.997 ± 0.002 χ^2/NDF : 126548.9/15

In: 6.953 ± 0.003 χ^2/NDF : 96649.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.997 ± 0.002 χ^2/NDF : 126548.9/15

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 4.215+/-7.154 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.078+/-6.324 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

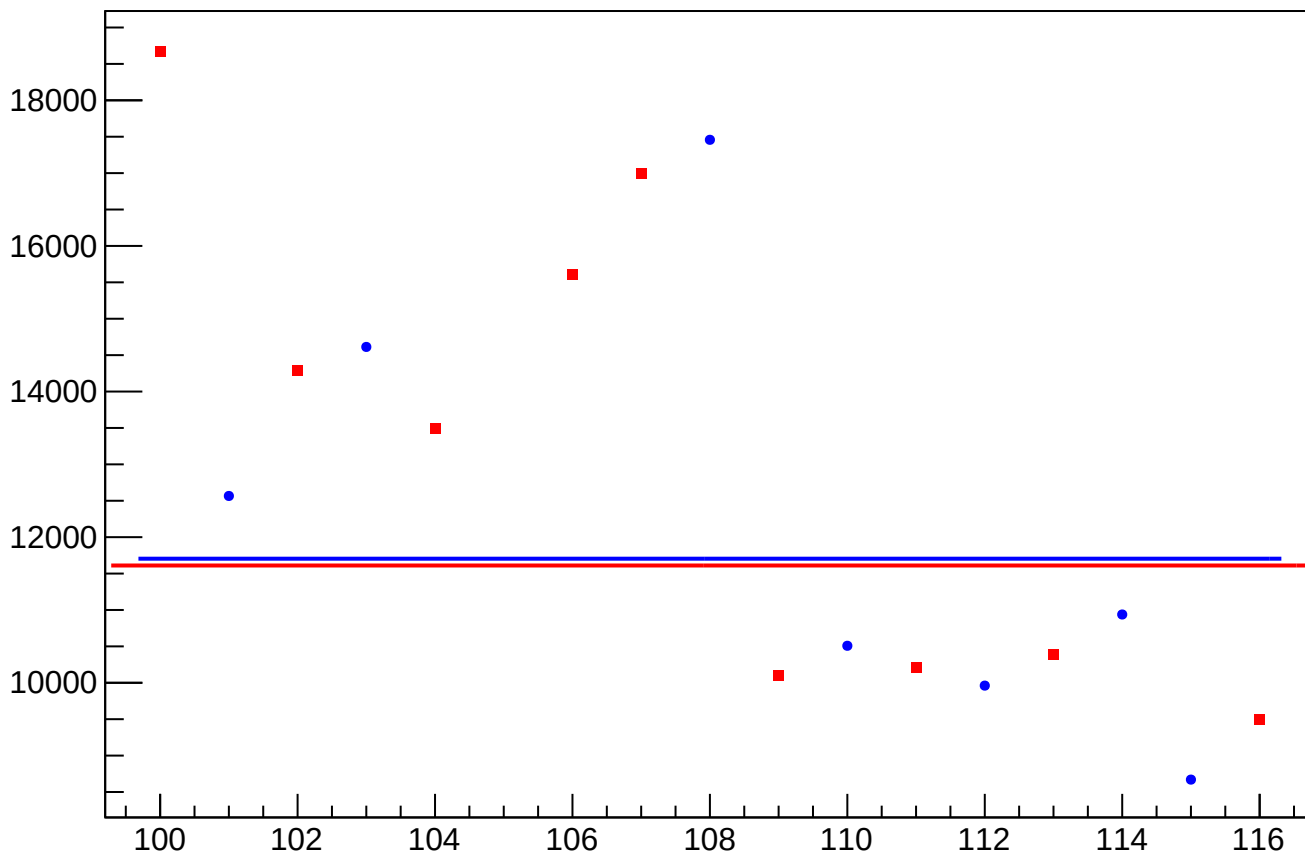
Right: 9.190+/-4.738 χ^2/NDF : 16.1/15

In: 4.215+/-7.154 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.190+/-4.738 χ^2/NDF : 16.1/15

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 11704.287+/-5.059 χ^2/NDF : 215721.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11610.890+/-4.472 χ^2/NDF : 254875.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

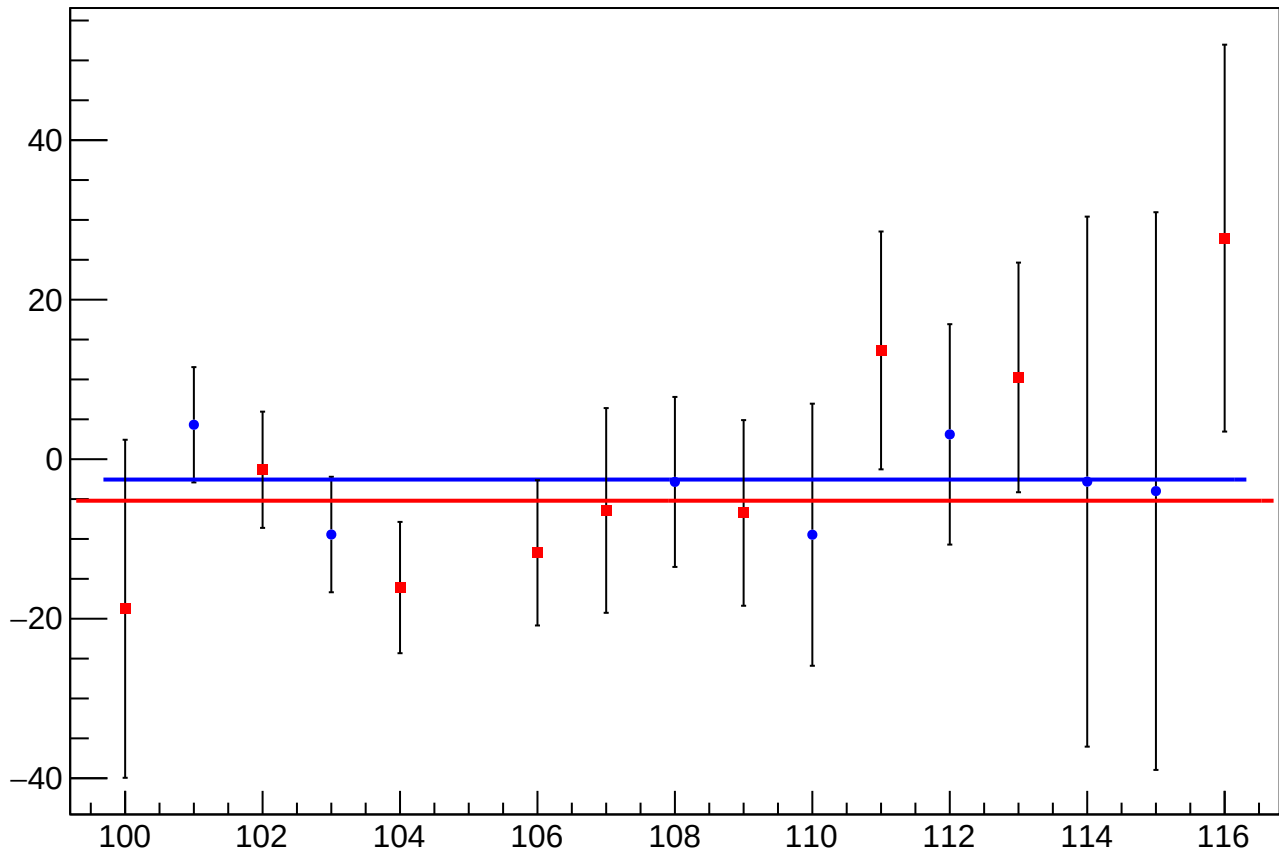
Right: 11651.859+/-3.351 χ^2/NDF : 470787.7/15

In: 11704.287+/-5.059 χ^2/NDF : 215721.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11651.859+/-3.351 χ^2/NDF : 470787.7/15

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.552+/-4.163 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.205+/-3.718 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

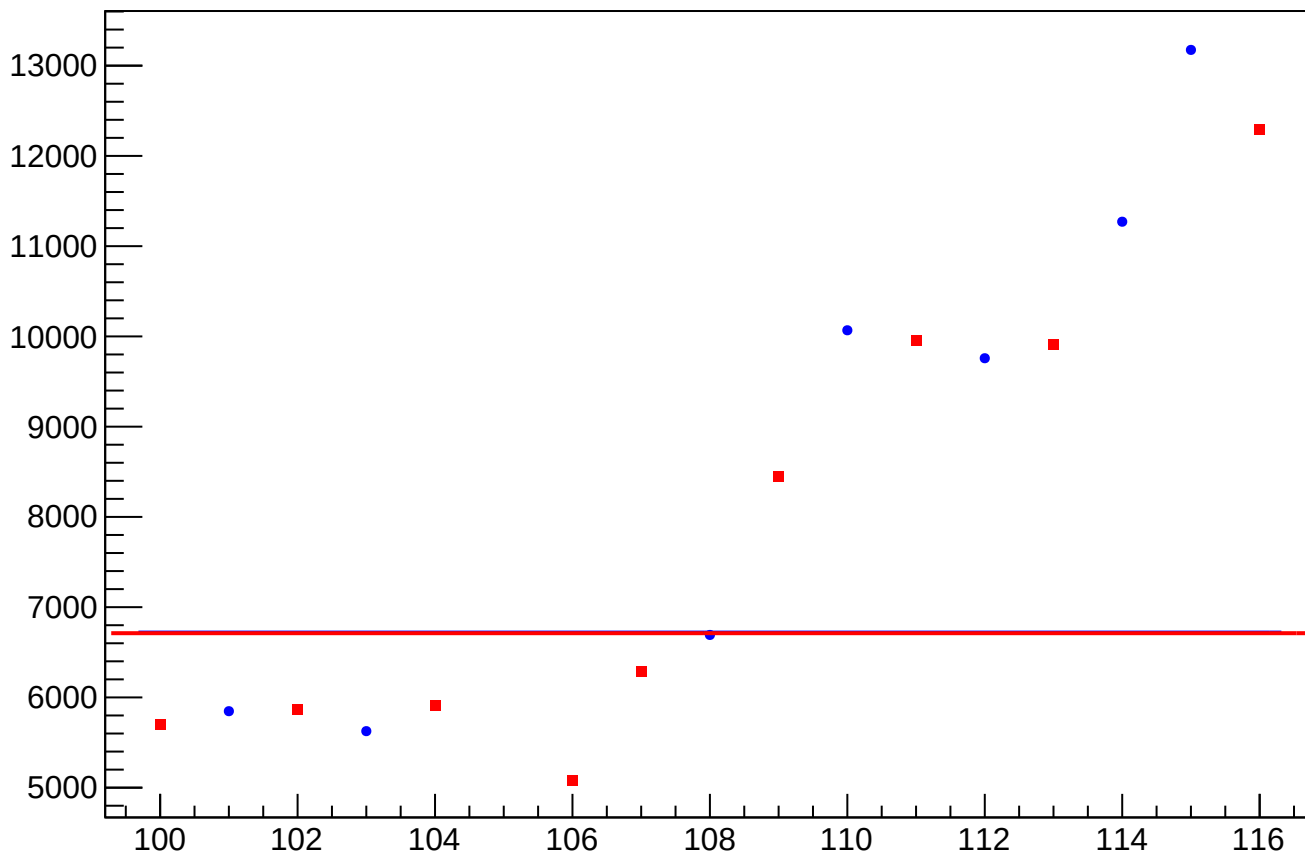
Right: -4.028+/-2.773 χ^2/NDF : 10.0/15

In: -2.552+/-4.163 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.028+/-2.773 χ^2/NDF : 10.0/15

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6718.300+/-2.944 χ^2/NDF : 360250.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6711.643+/-2.629 χ^2/NDF : 460225.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

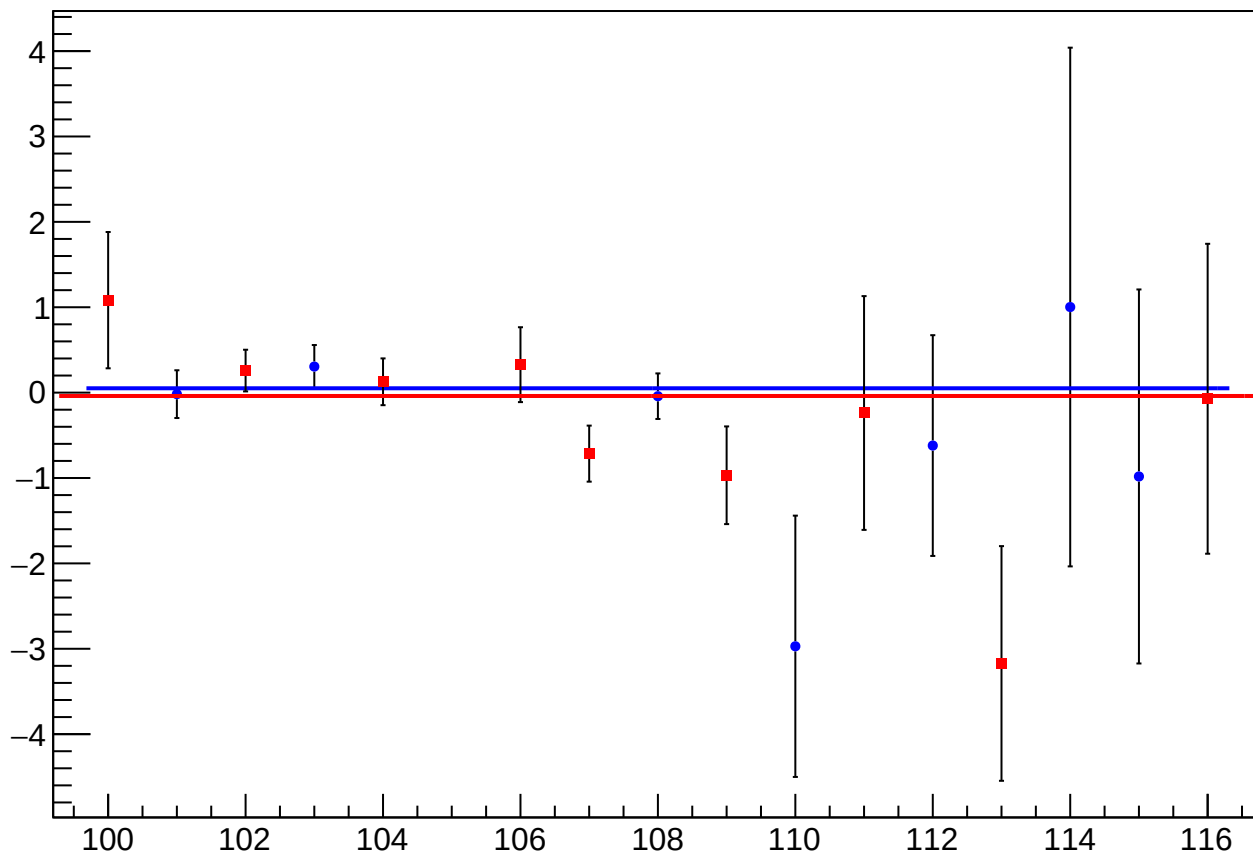
Right: 6714.597+/-1.961 χ^2/NDF : 820478.8/15

In: 6718.300+/-2.944 χ^2/NDF : 360250.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6714.597+/-1.961 χ^2/NDF : 820478.8/15

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.051+/-0.151 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.141 χ^2/NDF : 16.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

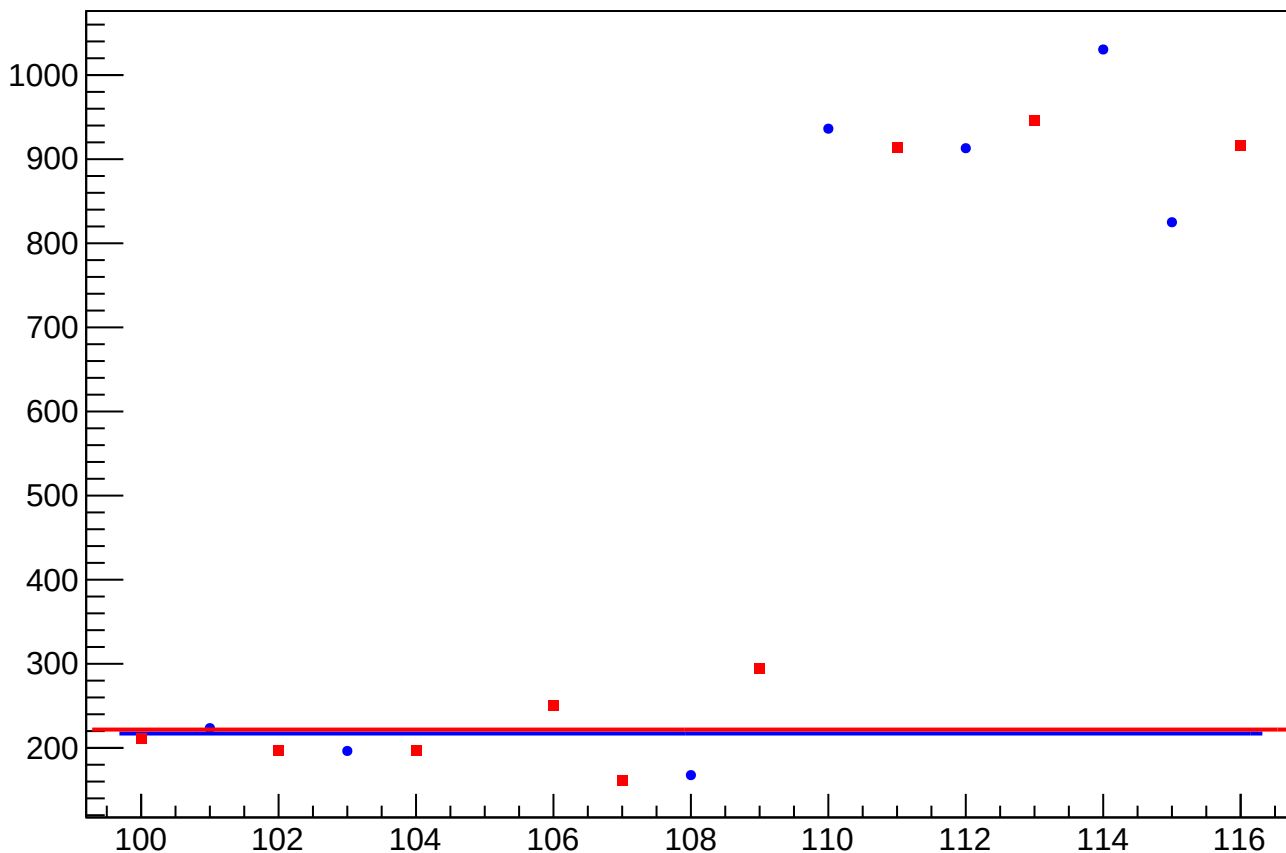
Right: 0.003+/-0.103 χ^2/NDF : 22.5/15

In: 0.051+/-0.151 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.103 χ^2/NDF : 22.5/15

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 217.123+/-0.107 χ^2/NDF : 1402030.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 221.818+/-0.099 χ^2/NDF : 1508019.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

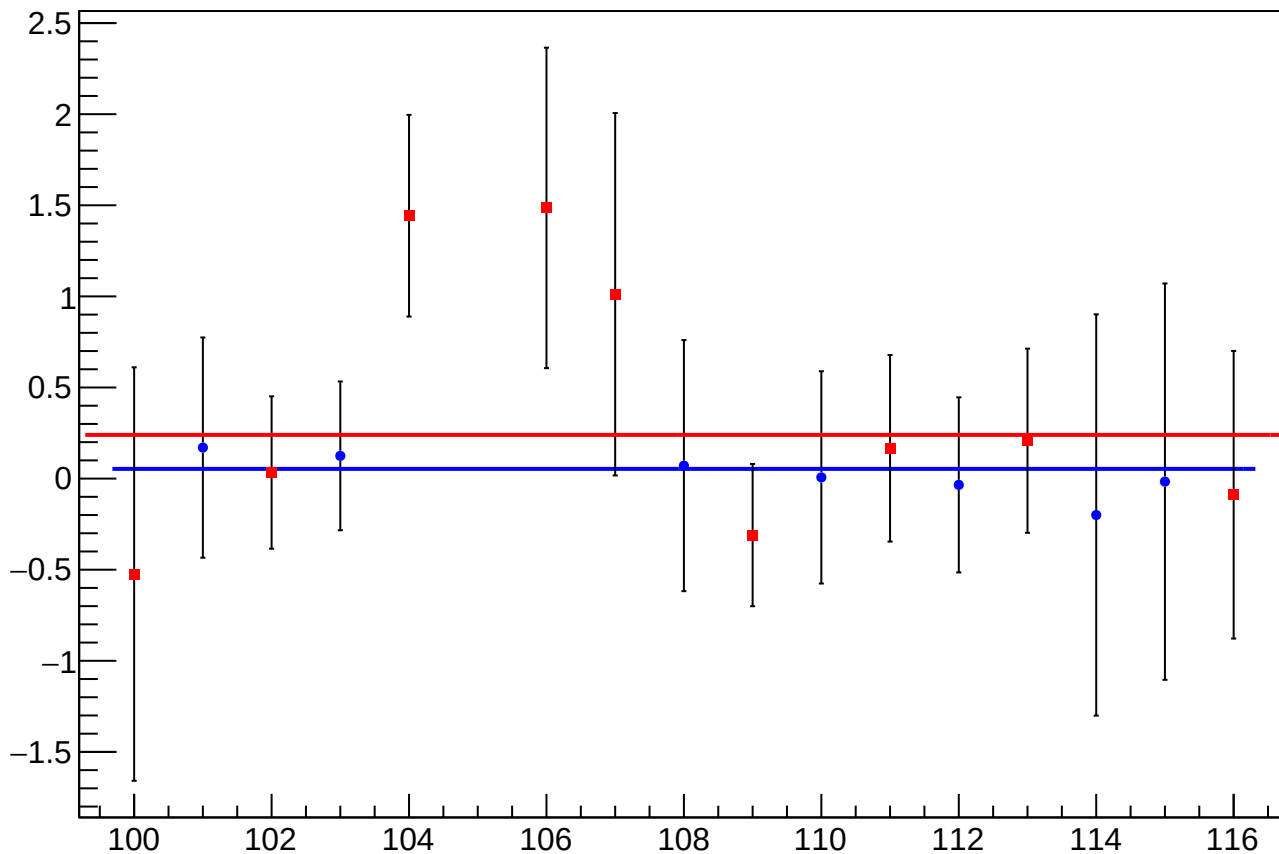
Right: 219.638+/-0.073 χ^2/NDF : 2911085.1/15

In: 217.123+/-0.107 χ^2/NDF :1402030.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 219.638+/-0.073 χ^2/NDF : 2911085.1/15

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.225 χ^2/NDF : 0.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.240+/-0.189 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

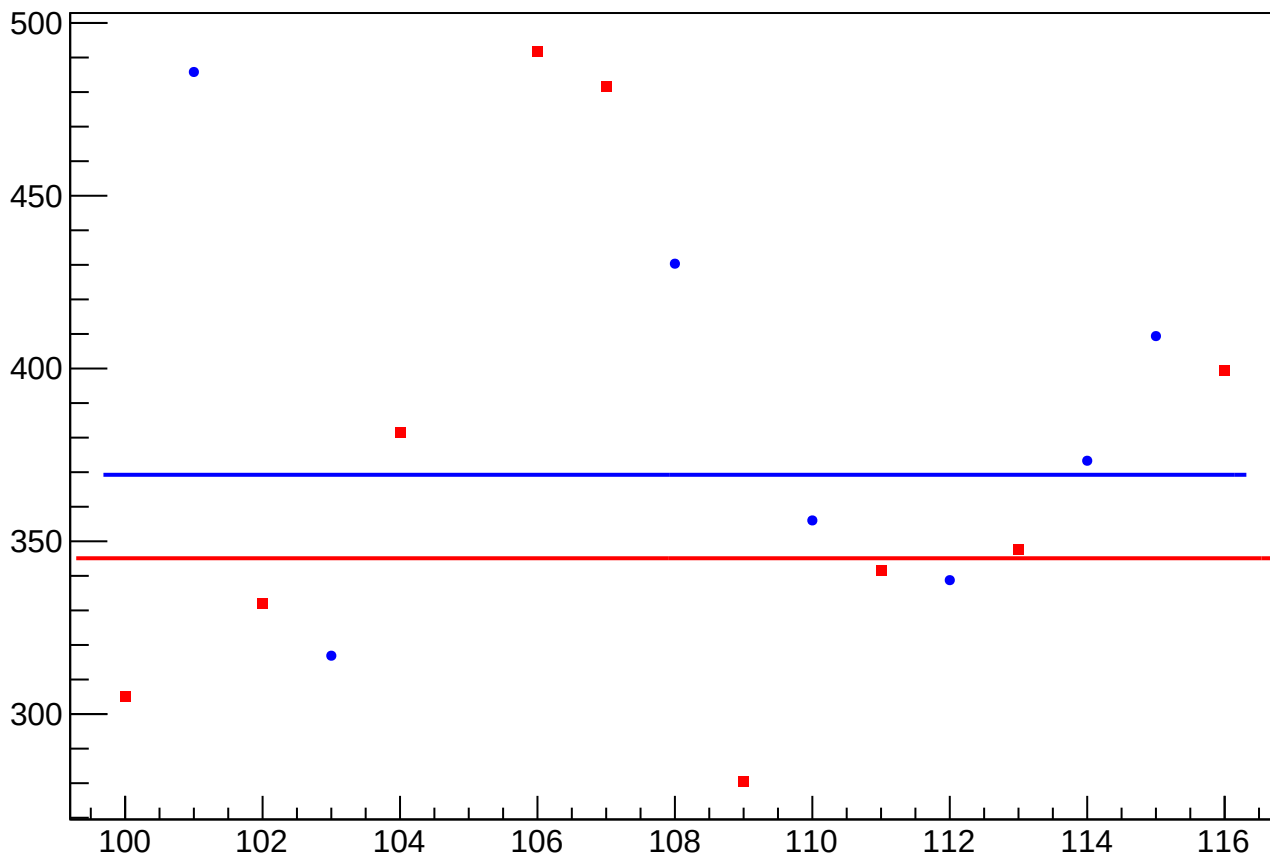
Right: 0.163+/-0.145 χ^2/NDF : 10.8/15

In: 0.053+/-0.225 χ^2/NDF : 0.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.145 χ^2/NDF : 10.8/15

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 369.247+/-0.159 χ^2/NDF : 134834.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 345.093+/-0.134 χ^2/NDF : 170983.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

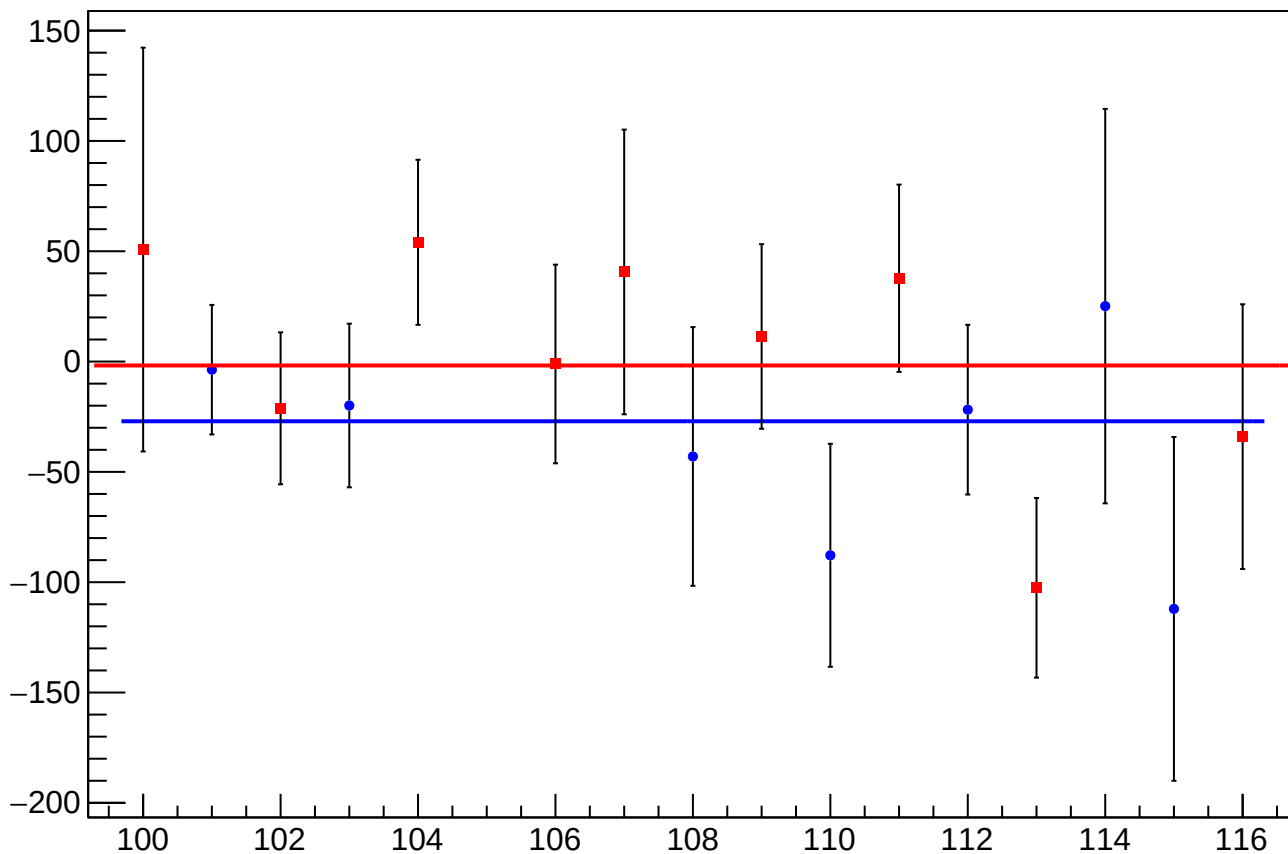
Right: 355.104+/-0.102 χ^2/NDF : 319340.2/15

In: 369.247+/-0.159 χ^2/NDF : 134834.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.104+/-0.102 χ^2/NDF : 319340.2/15

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -27.060 $\pm$ 16.814 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.776 $\pm$ 15.041 χ^2 /NDF: 10.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

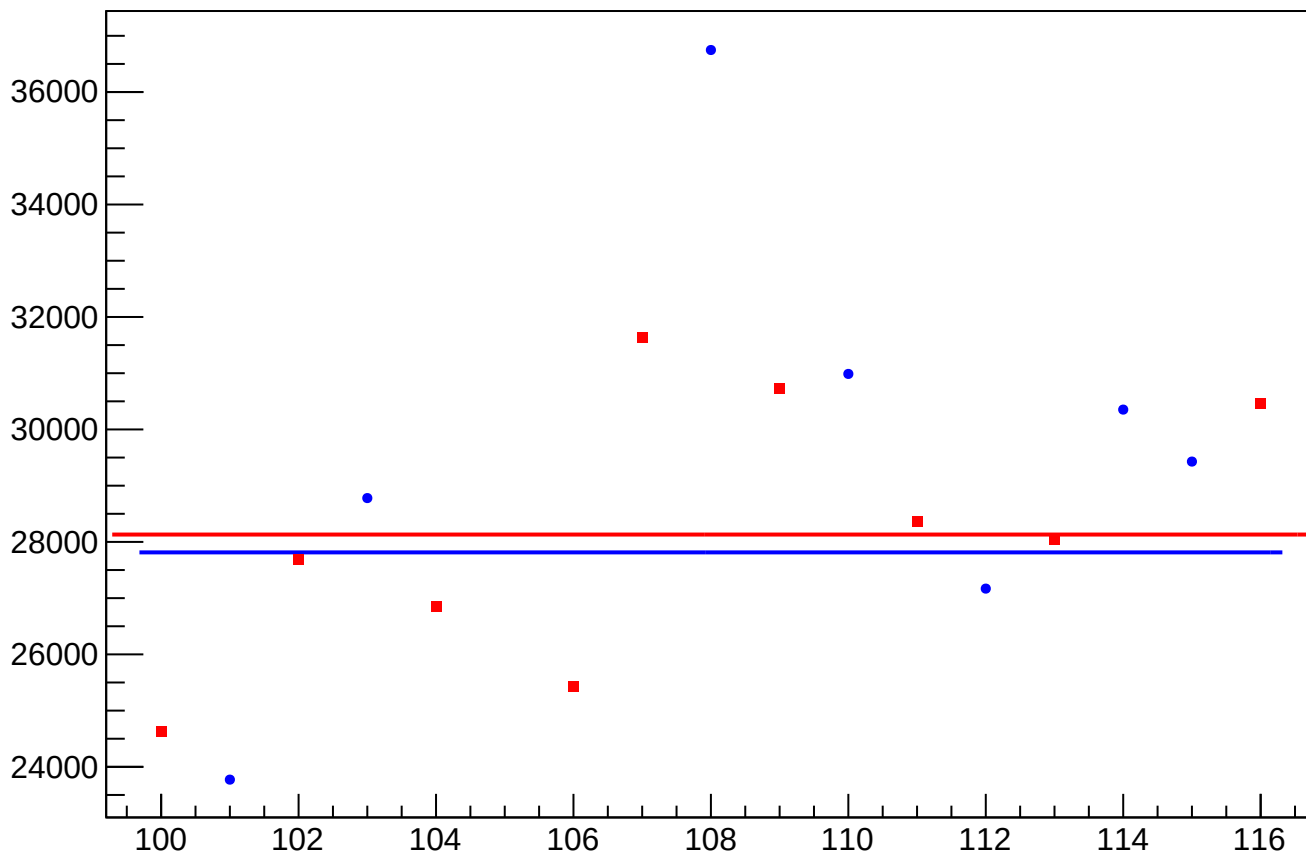
Right: -13.015 $\pm$ 11.210 χ^2 /NDF: 15.7/15

In: -27.060 $\pm$ 16.814 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.015 $\pm$ 11.210 χ^2 /NDF: 15.7/15

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27813.694+/-11.889 χ^2/NDF : 96649.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28130.919+/-10.636 χ^2/NDF : 29504.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

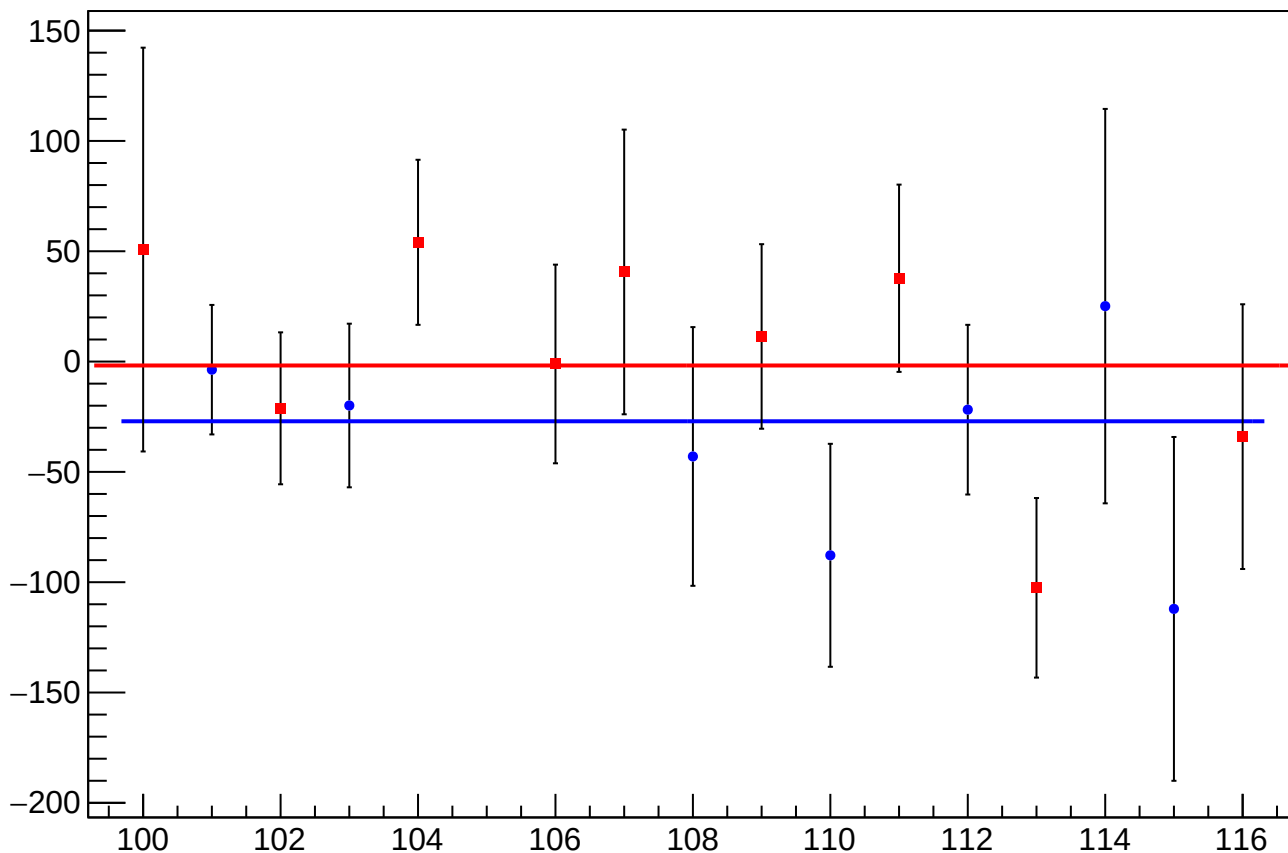
Right: 27989.903+/-7.927 χ^2/NDF : 126548.9/15

In: 27813.694+/-11.889 χ^2/NDF : 96649.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27989.903+/-7.927 χ^2/NDF : 126548.9/15

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -27.060 $\pm$ 16.814 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.776 $\pm$ 15.041 χ^2 /NDF: 10.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

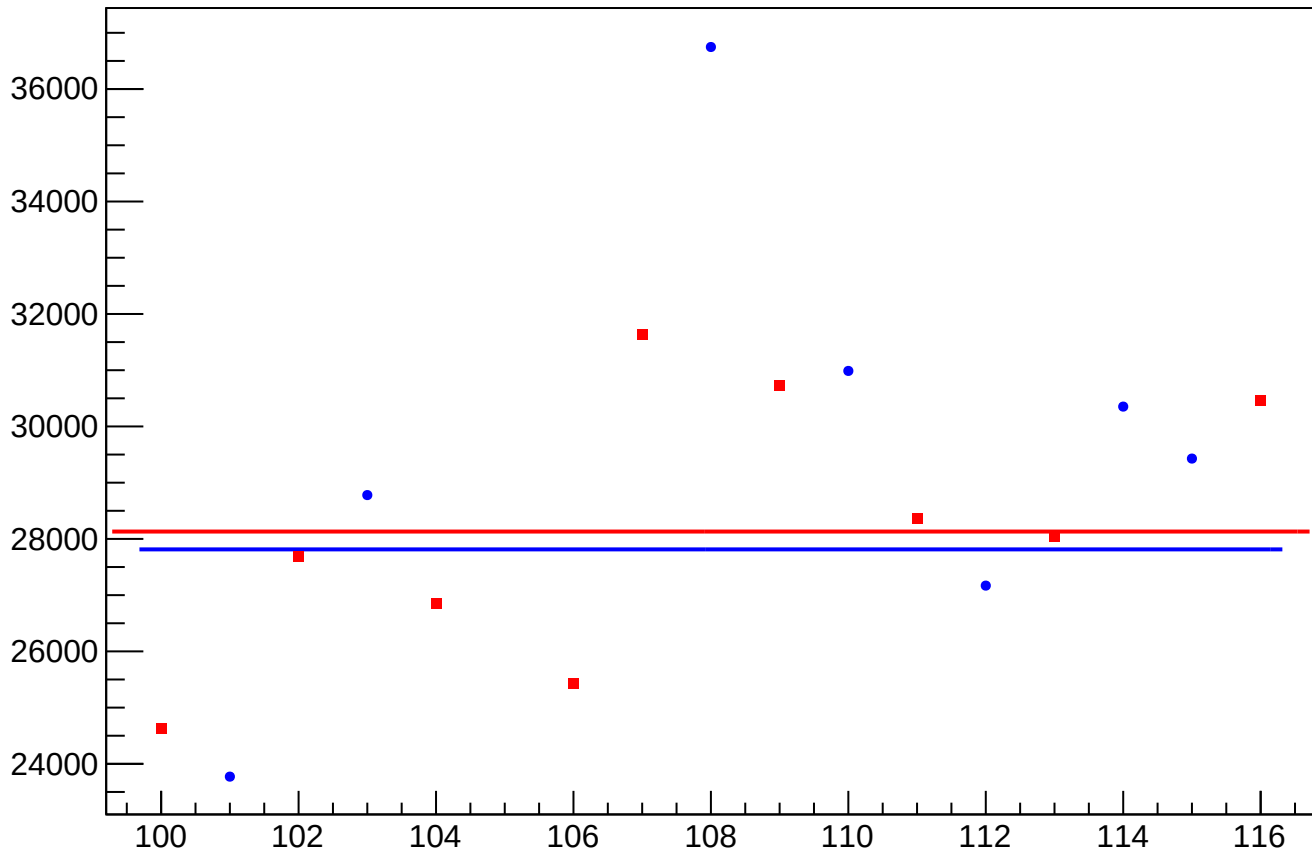
Right: -13.015 $\pm$ 11.210 χ^2 /NDF: 15.7/15

In: -27.060 $\pm$ 16.814 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.015 $\pm$ 11.210 χ^2 /NDF: 15.7/15

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27813.694+/-11.889 χ^2/NDF : 96649.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28130.919+/-10.636 χ^2/NDF : 29504.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

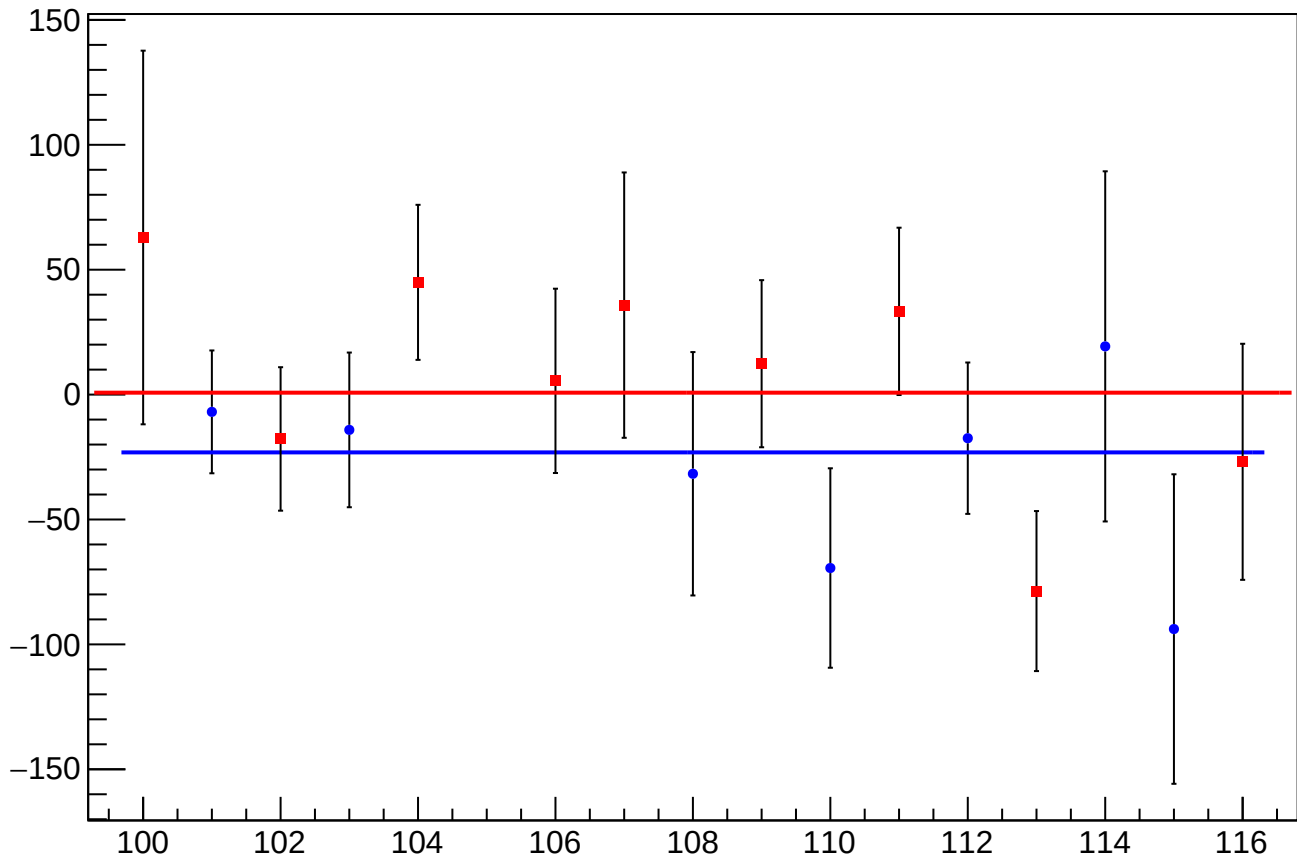
Right: 27989.903+/-7.927 χ^2/NDF : 126548.9/15

In: 27813.694+/-11.889 χ^2/NDF : 96649.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27989.903+/-7.927 χ^2/NDF : 126548.9/15

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -23.139 ± 13.737 χ^2/NDF : 3.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.770 ± 12.193 χ^2/NDF : 11.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

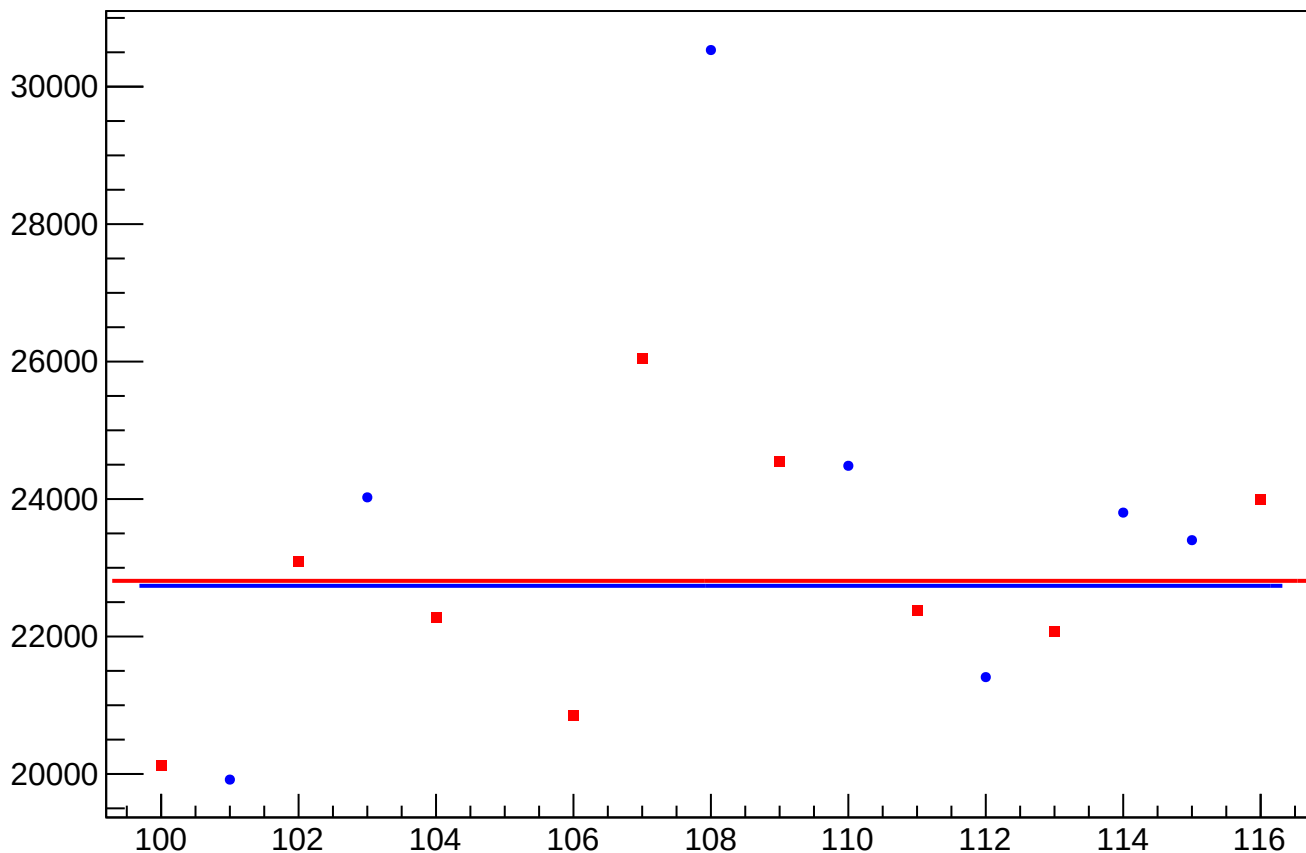
Right: -9.766 ± 9.119 χ^2/NDF : 16.4/15

In: -23.139 ± 13.737 χ^2/NDF : 3.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.766 ± 9.119 χ^2/NDF : 16.4/15

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22737.702+/-9.713 χ^2/NDF : 89325.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22809.923+/-8.622 χ^2/NDF : 24451.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

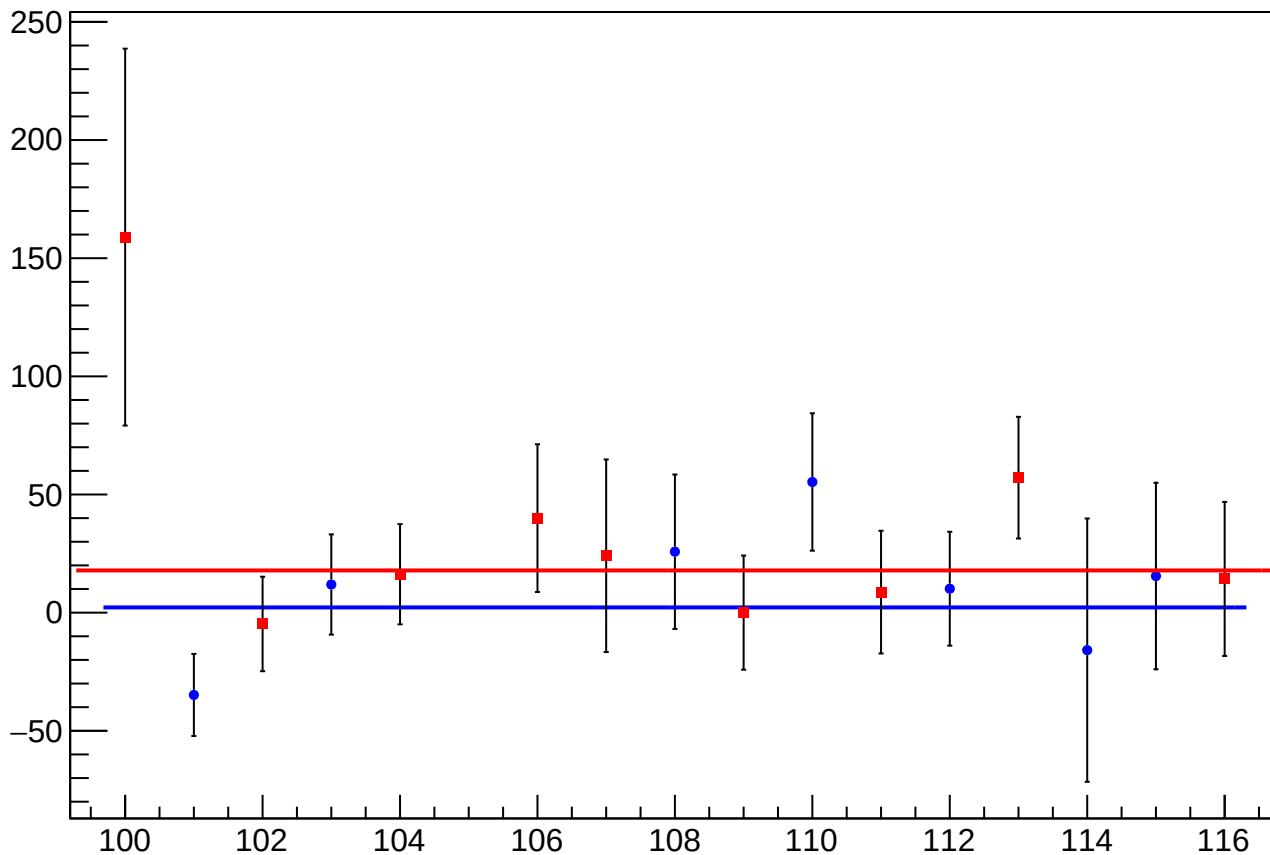
Right: 22778.097+/-6.448 χ^2/NDF : 113808.1/15

In: 22737.702+/-9.713 χ^2/NDF : 89325.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22778.097+/-6.448 χ^2/NDF : 113808.1/15

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 2.212+/-9.831 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.865+/-9.071 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

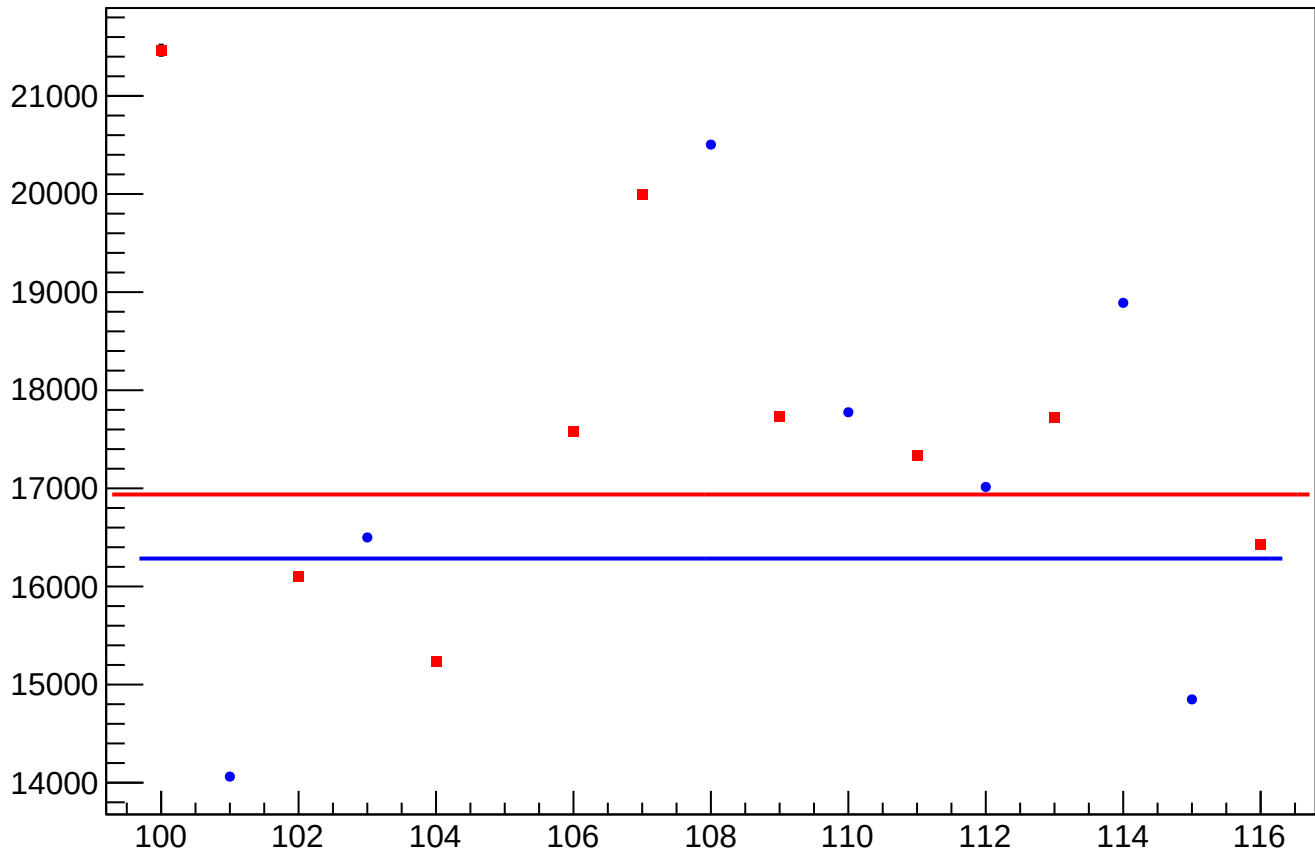
Right: 10.667+/-6.667 χ^2/NDF : 18.3/15

In: 2.212+/-9.831 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.667+/-6.667 χ^2/NDF : 18.3/15

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16284.515+/-6.952 χ^2/NDF : 80456.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16937.474+/-6.414 χ^2/NDF : 39829.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

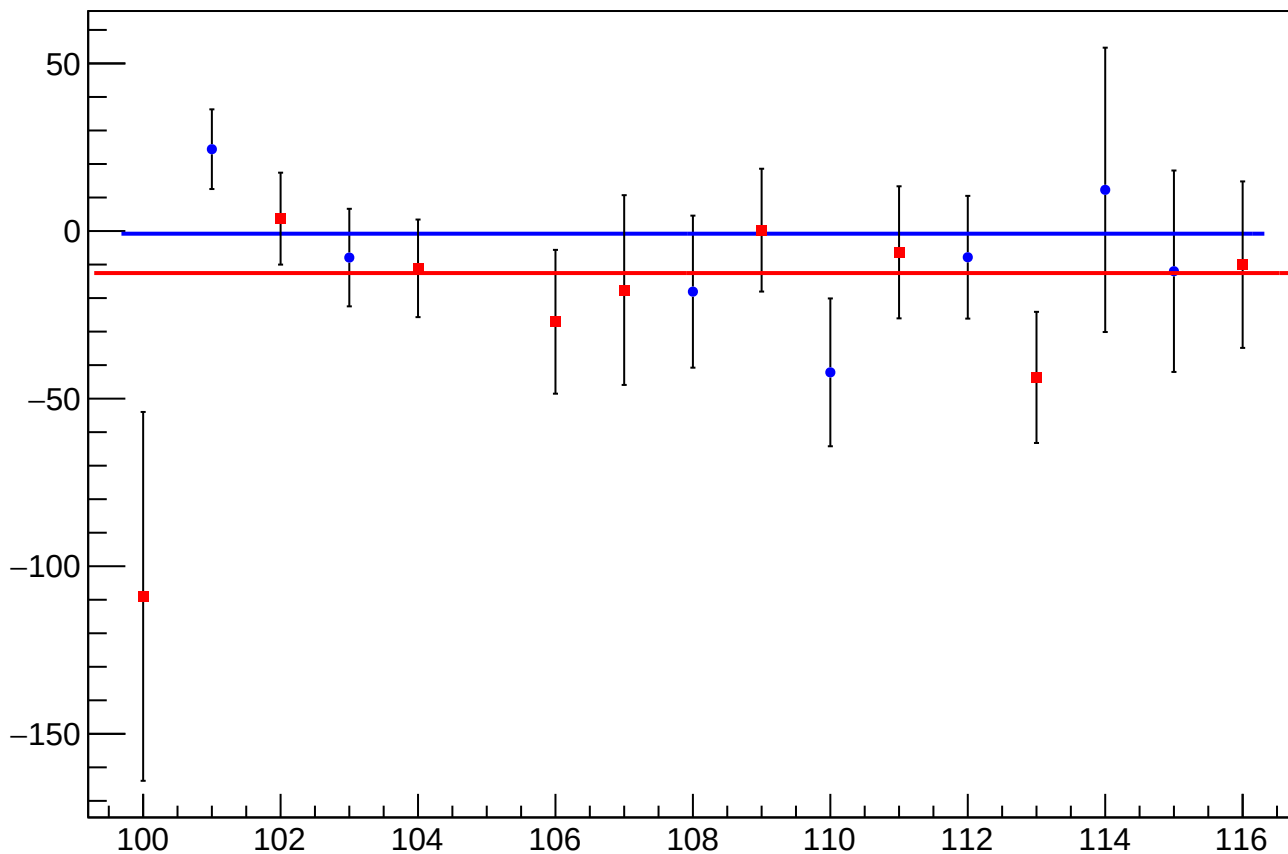
Right: 16637.199+/-4.714 χ^2/NDF : 125050.9/15

In: 16284.515+/-6.952 χ^2/NDF : 80456.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16637.199+/-4.714 χ^2/NDF : 125050.9/15

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: -0.792+/-6.993 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.536+/-6.513 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

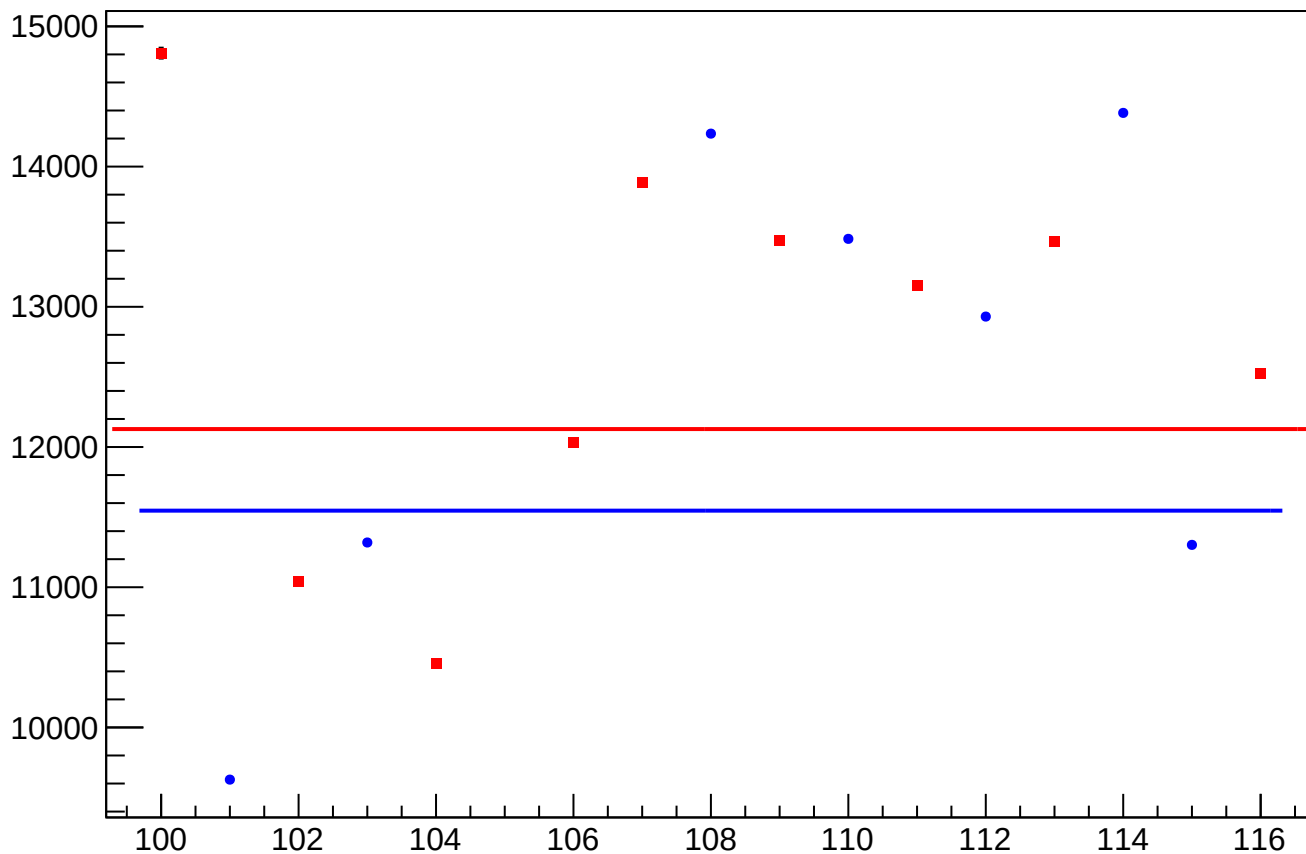
Right: -7.081+/-4.766 χ^2/NDF : 18.8/15

In: -0.792+/-6.993 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.081+/-4.766 χ^2/NDF : 18.8/15

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 11546.197+/-4.945 χ^2/NDF : 116645.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12128.060+/-4.605 χ^2/NDF : 77563.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

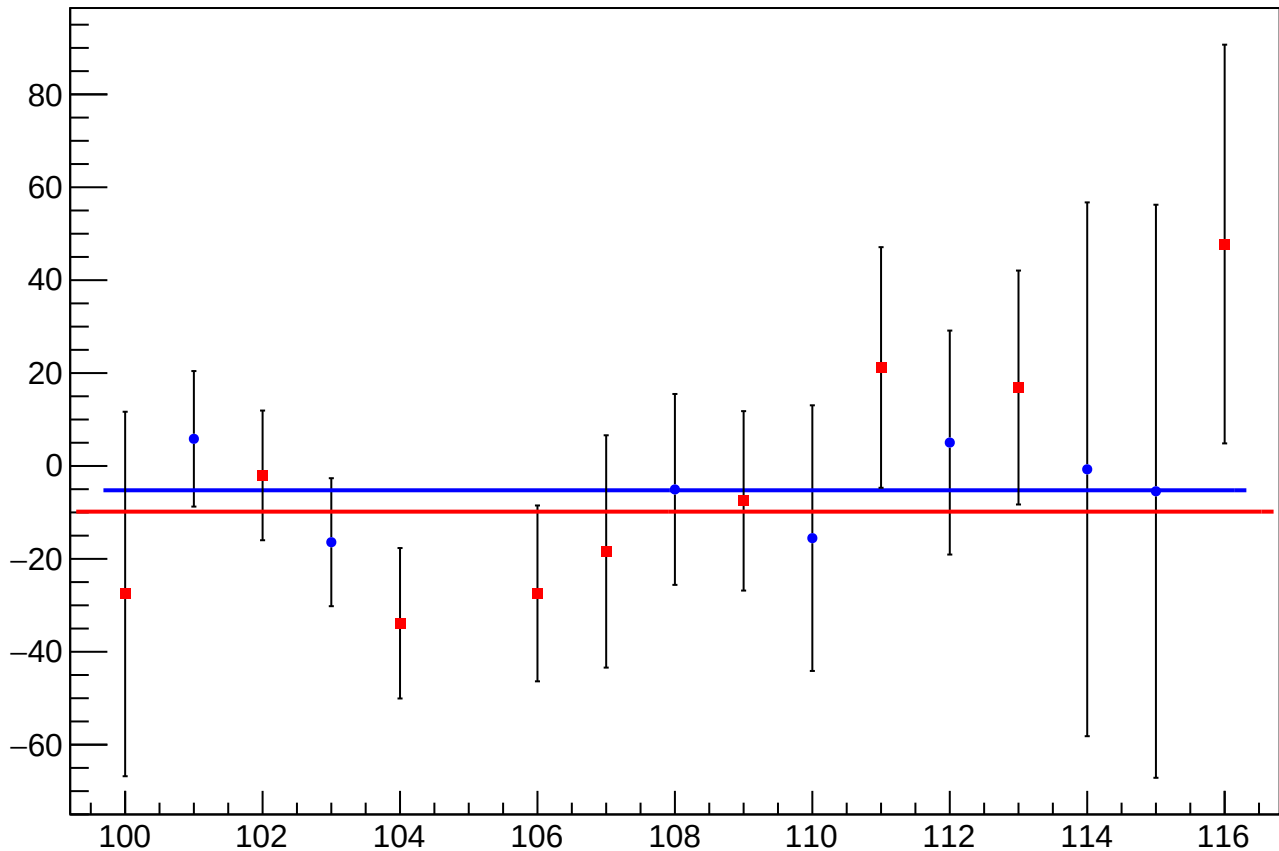
Right: 11857.819+/-3.370 χ^2/NDF : 201623.6/15

In: 11546.197+/-4.945 χ^2/NDF : 116645.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11857.819+/-3.370 χ^2/NDF : 201623.6/15

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -5.234+/-7.944 χ^2/NDF : 1.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.831+/-7.023 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

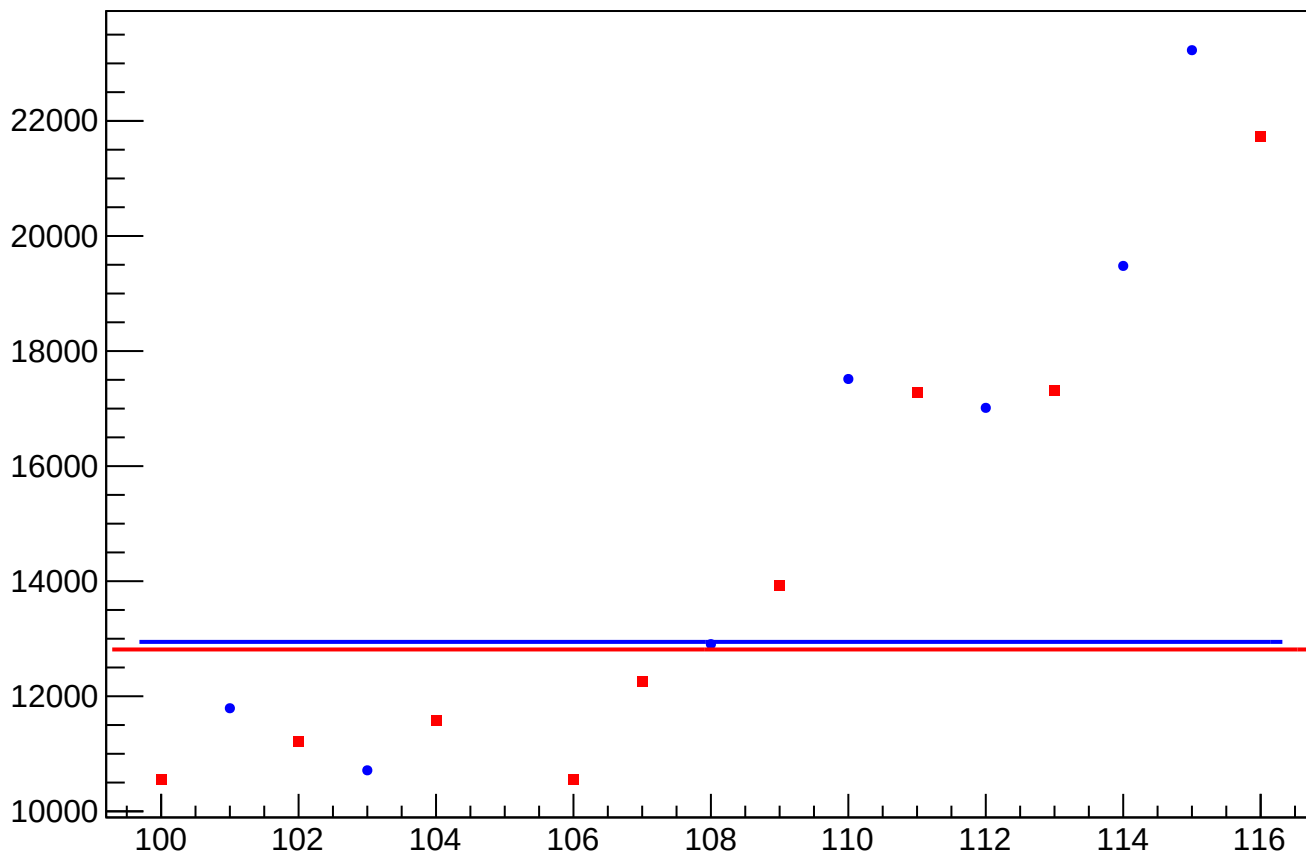
Right: -7.815+/-5.262 χ^2/NDF : 9.8/15

In: -5.234+/-7.944 χ^2/NDF : 1.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.815+/-5.262 χ^2/NDF : 9.8/15

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12945.005+/-5.618 χ^2/NDF : 254510.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12813.228+/-4.966 χ^2/NDF : 290524.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

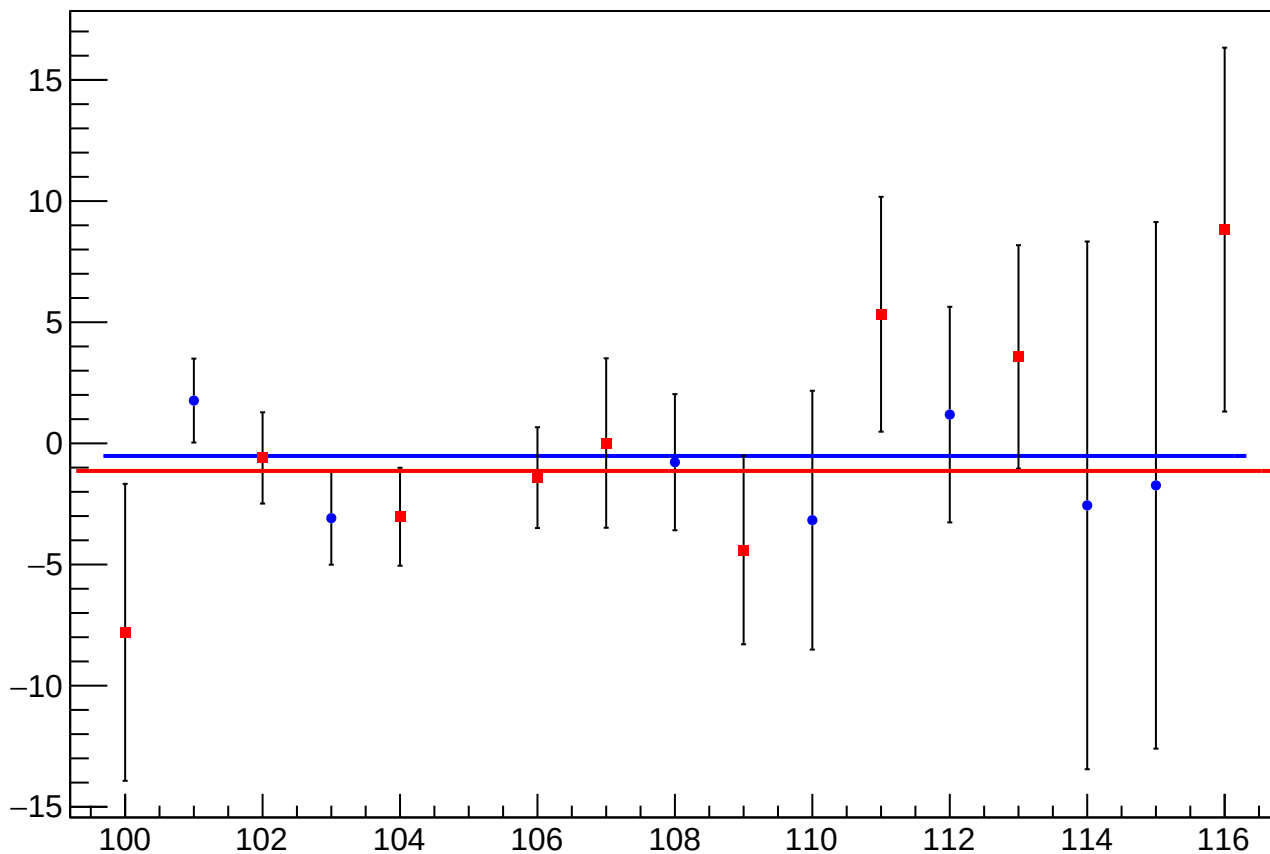
Right: 12871.033+/-3.721 χ^2/NDF : 545344.0/15

In: 12945.005+/-5.618 χ^2/NDF : 254510.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12871.033+/-3.721 χ^2/NDF : 545344.0/15

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.519+/-1.095 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.138+/-0.981 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

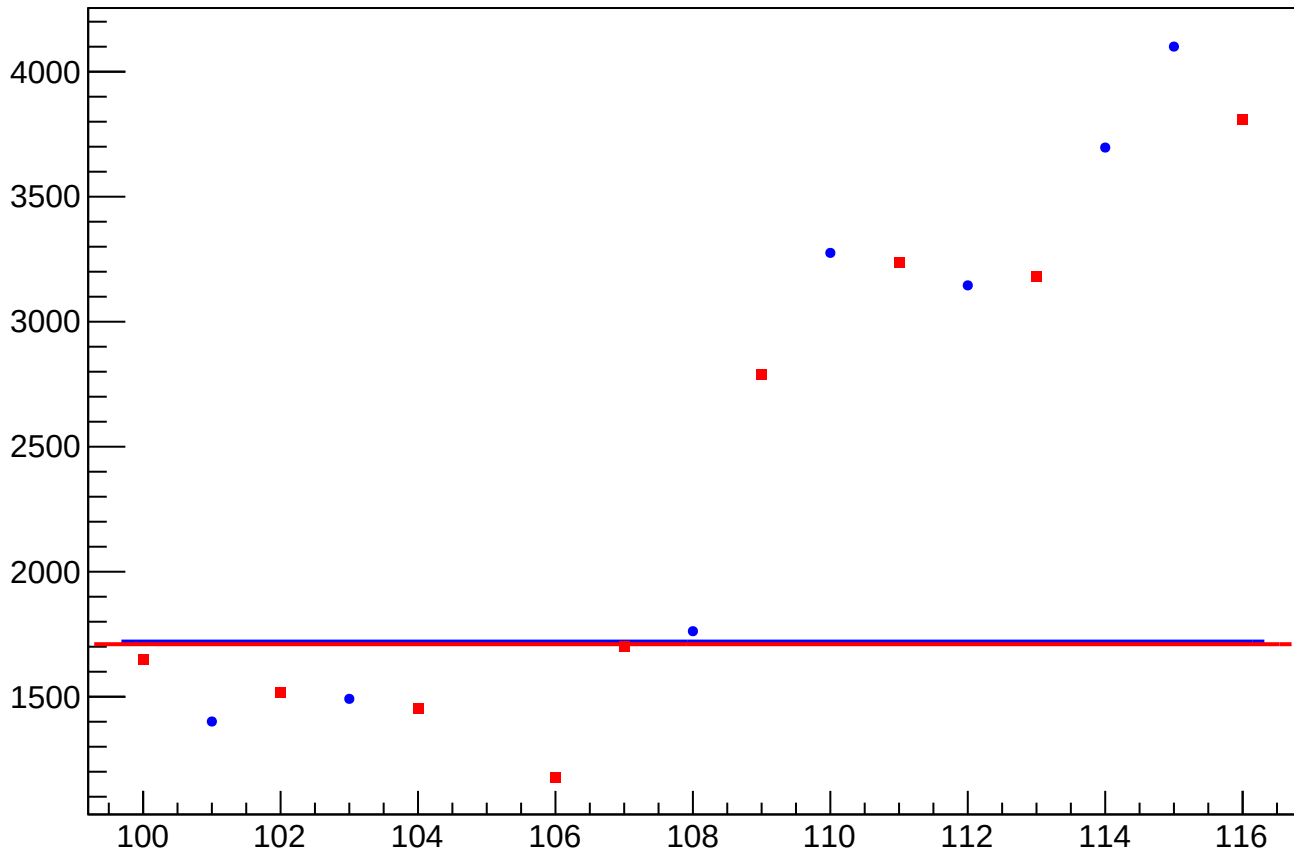
Right: -0.862+/-0.731 χ^2/NDF : 11.7/15

In: -0.519+/-1.095 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.862+/-0.731 χ^2/NDF : 11.7/15

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1720.530+/-0.775 χ^2/NDF : 633321.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.066+/-0.694 χ^2/NDF : 896638.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

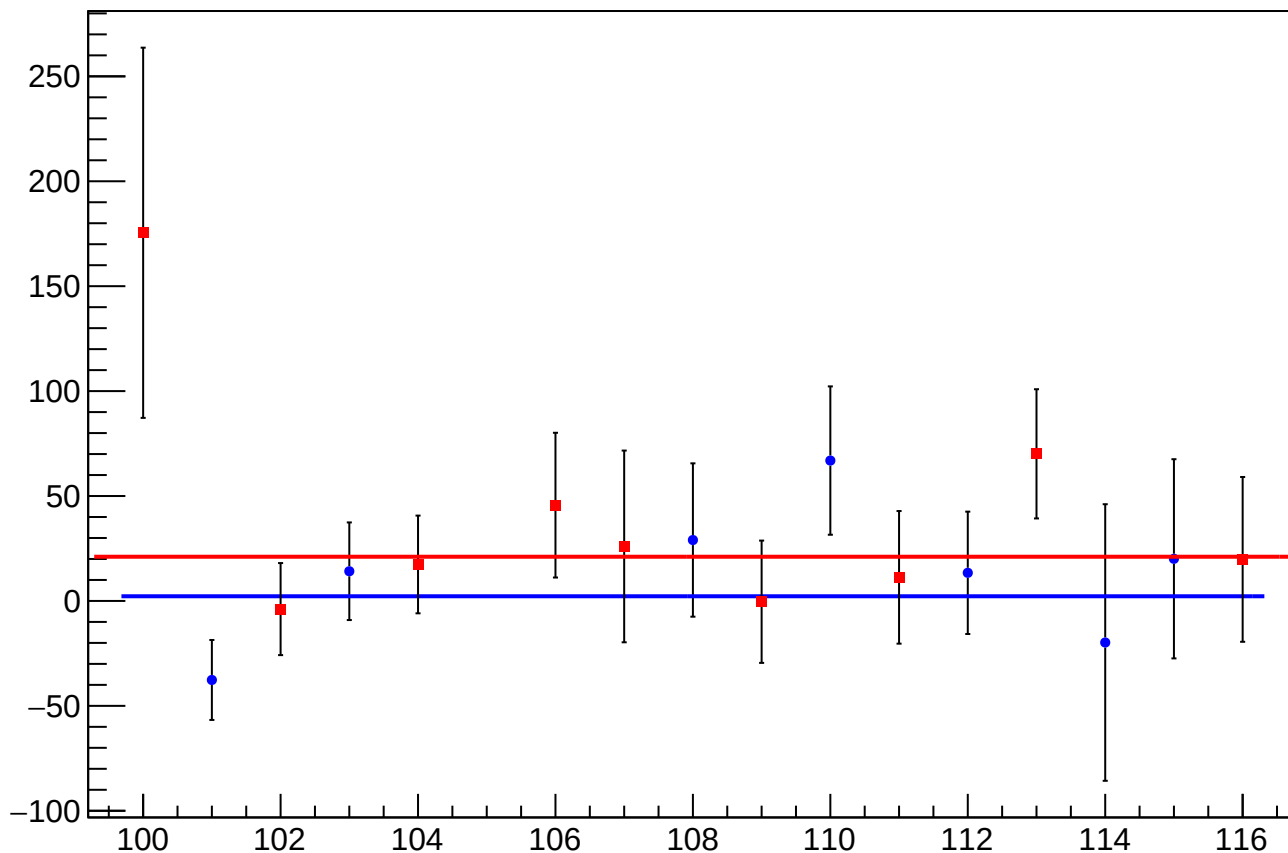
Right: 1714.723+/-0.517 χ^2/NDF : 1530061.1/15

In: 1720.530+/-0.775 χ^2/NDF : 633321.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1714.723+/-0.517 χ^2/NDF : 1530061.1/15

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: 2.226+/-11.178 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.068+/-10.396 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

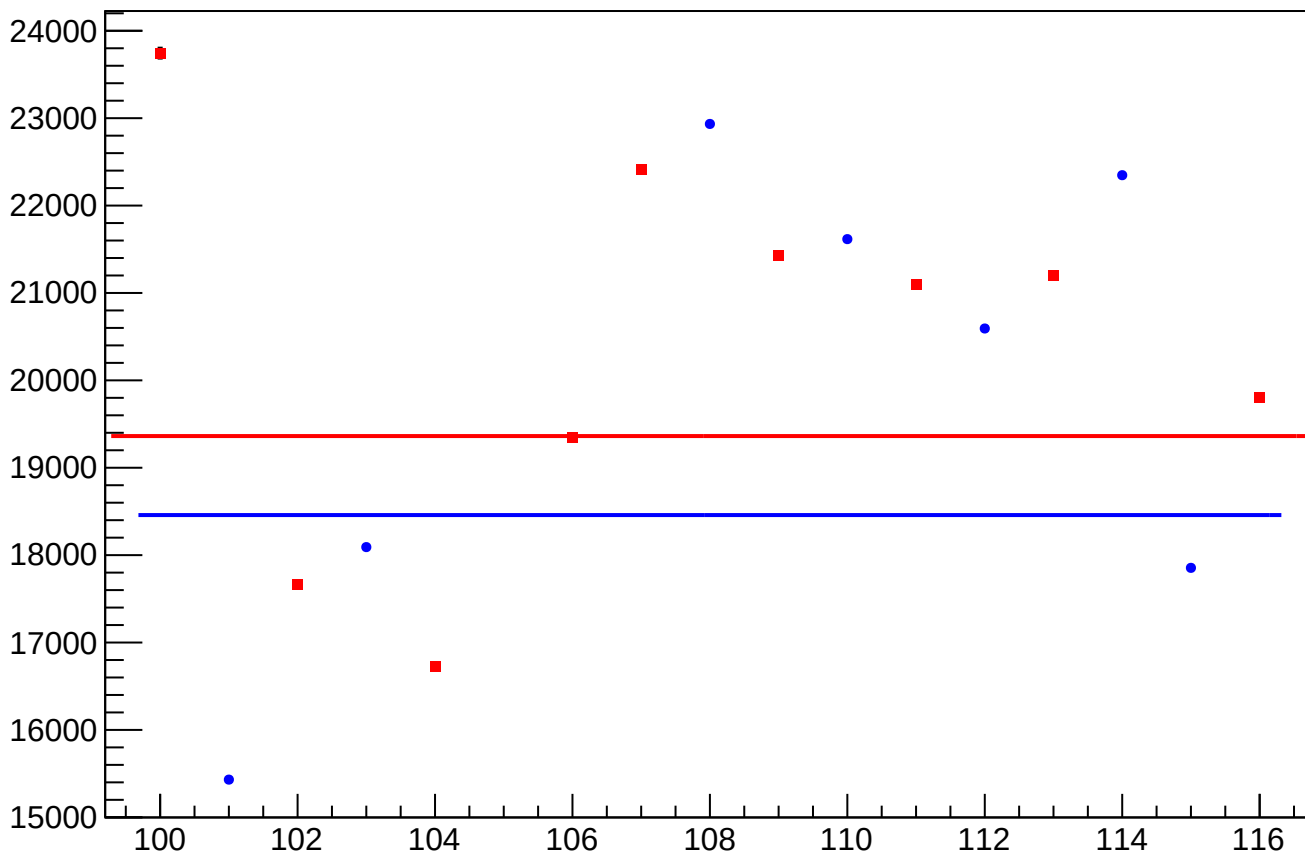
Right: 12.330+/-7.612 χ^2/NDF : 18.5/15

In: 2.226+/-11.178 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.330+/-7.612 χ^2/NDF : 18.5/15

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 18458.551+/-7.904 χ^2/NDF : 114963.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19362.552+/-7.351 χ^2/NDF : 75036.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

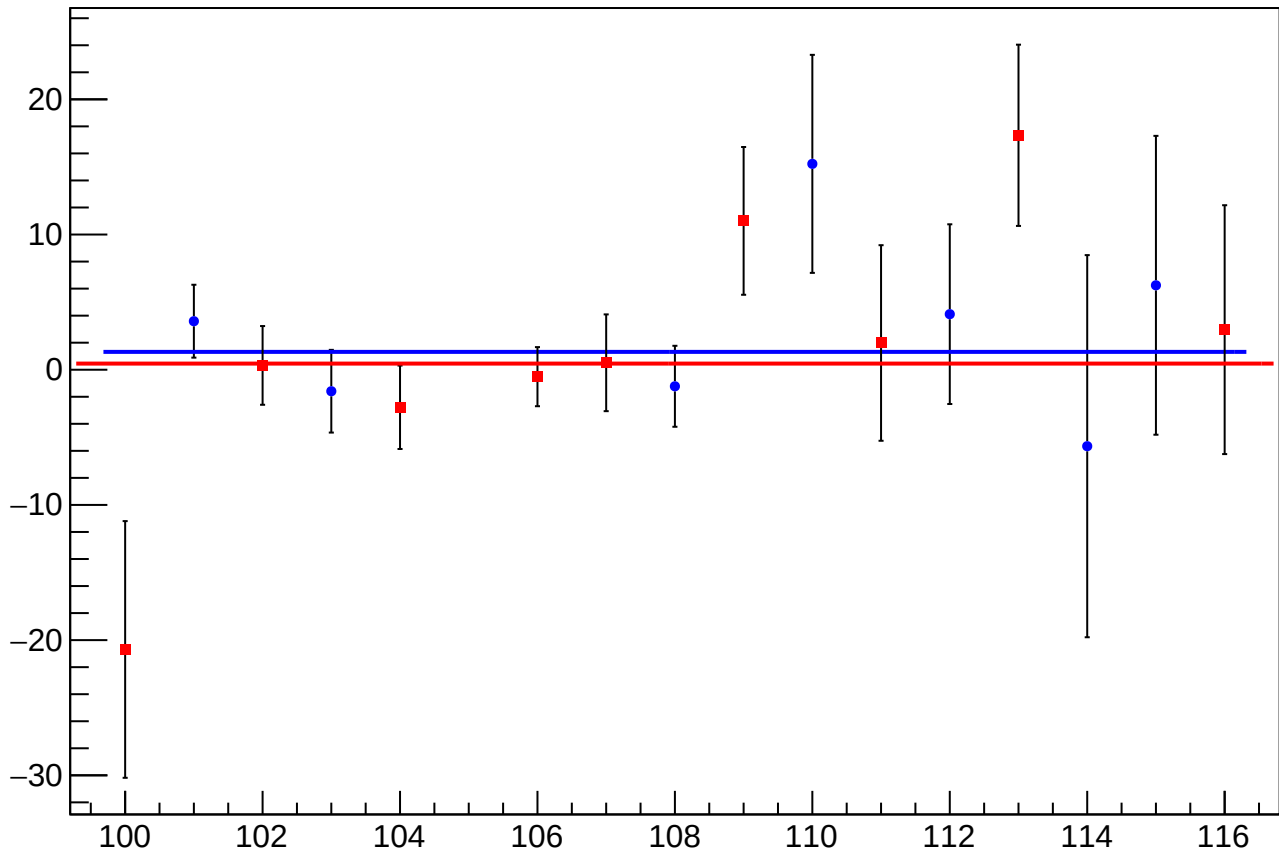
Right: 18943.298+/-5.383 χ^2/NDF : 197013.6/15

In: 18458.551+/-7.904 χ^2/NDF : 114963.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18943.298+/-5.383 χ^2/NDF : 197013.6/15

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.321+/-1.567 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.454+/-1.282 χ^2/NDF : 16.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

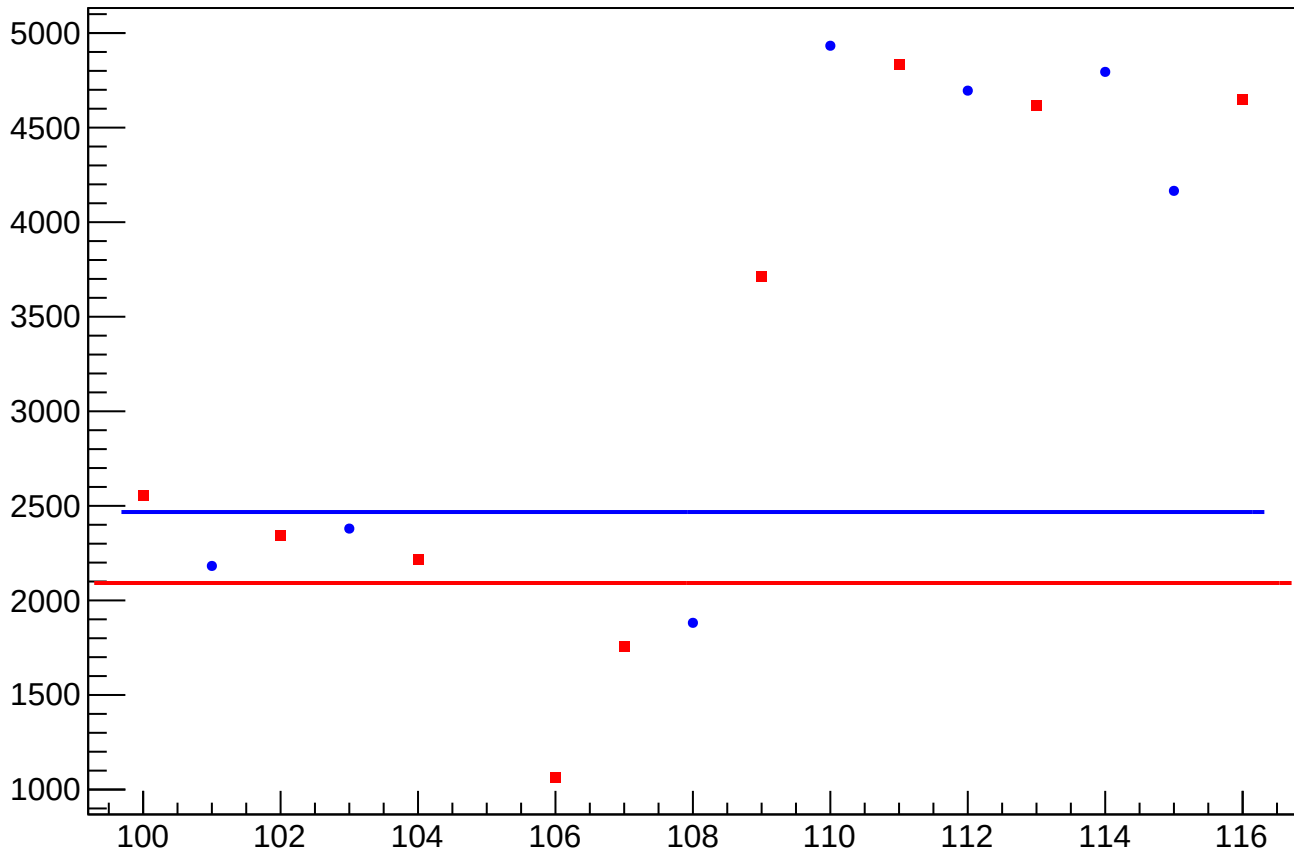
Right: 0.802+/-0.992 χ^2/NDF : 22.6/15

In: 1.321+/-1.567 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.802+/-0.992 χ^2/NDF : 22.6/15

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2467.414 ± 1.108 $\chi^2/\text{NDF}: 613744.5/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2092.120 ± 0.907 $\chi^2/\text{NDF}: 1385789.1/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

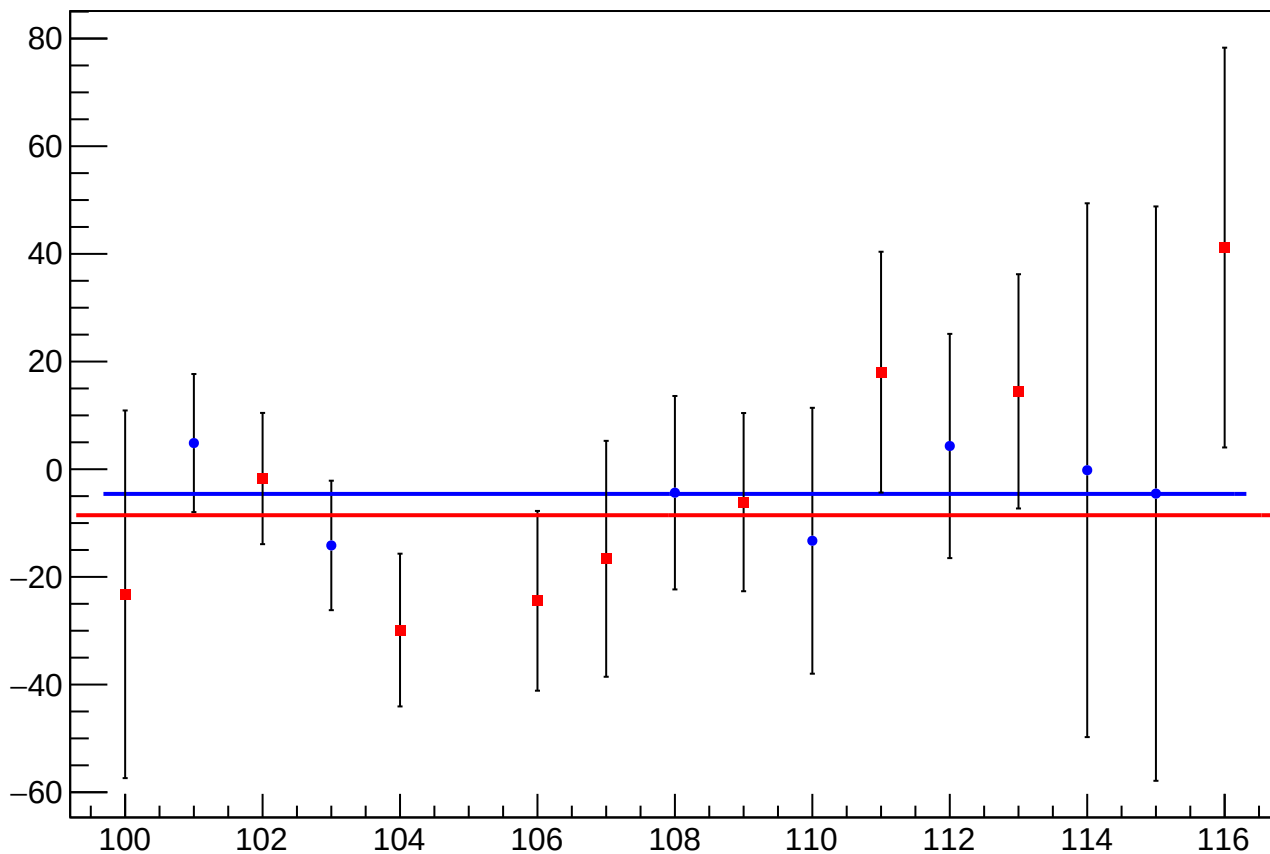
Right: 2242.620 ± 0.702 $\chi^2/\text{NDF}: 2068235.3/15$

In: 2467.414 ± 1.108 $\chi^2/\text{NDF}: 613744.5/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2242.620 ± 0.702 $\chi^2/\text{NDF}: 2068235.3/15$

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -4.585 ± 6.934 χ^2/NDF : 1.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.542 ± 6.118 χ^2/NDF : 8.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

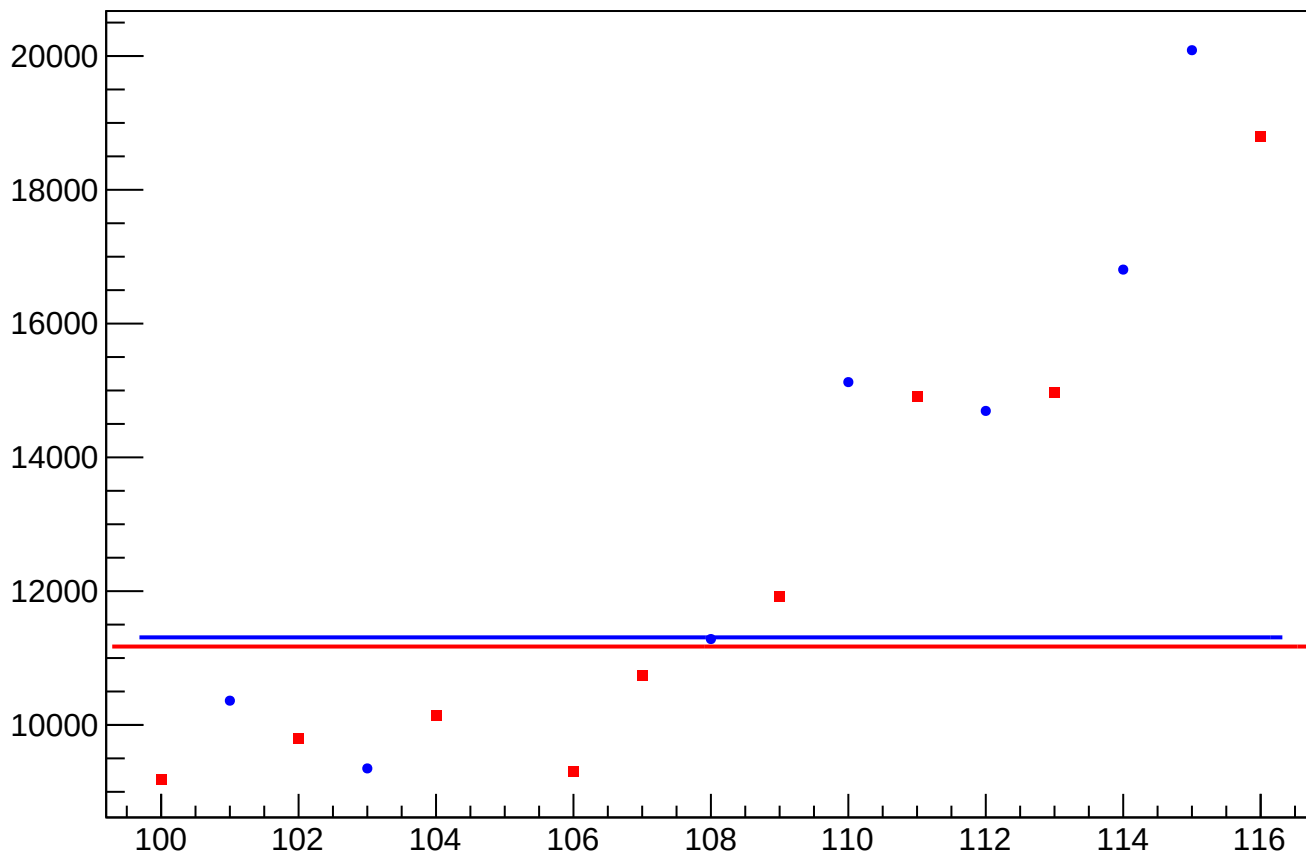
Right: -6.810 ± 4.588 χ^2/NDF : 9.8/15

In: -4.585 ± 6.934 χ^2/NDF : 1.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.810 ± 4.588 χ^2/NDF : 9.8/15

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11309.326+/-4.903 χ^2/NDF : 243361.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11172.053+/-4.326 χ^2/NDF : 274103.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

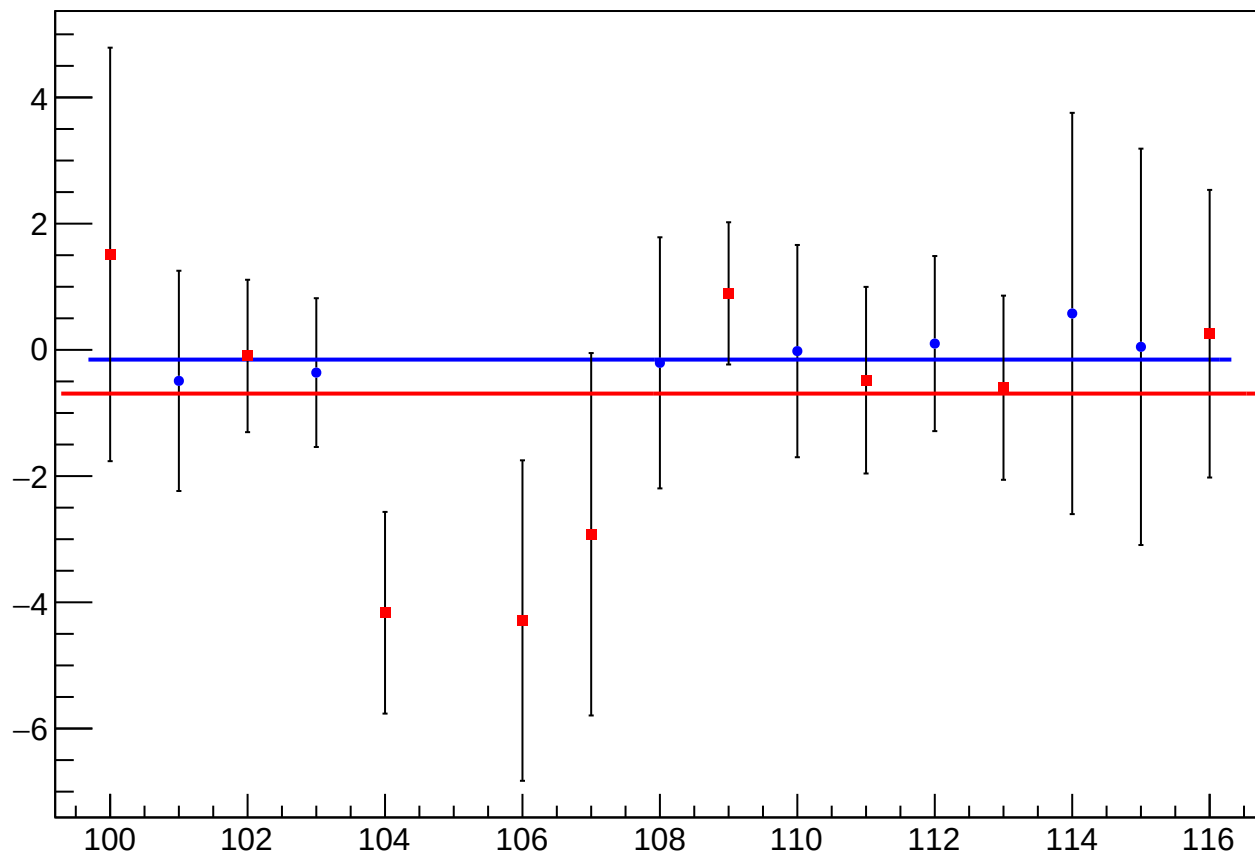
Right: 11232.145+/-3.244 χ^2/NDF : 517905.6/15

In: 11309.326+/-4.903 χ^2/NDF : 243361.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11232.145+/-3.244 χ^2/NDF : 517905.6/15

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.154 ± 0.649 χ^2/NDF : 0.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.693 ± 0.546 χ^2/NDF : 10.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

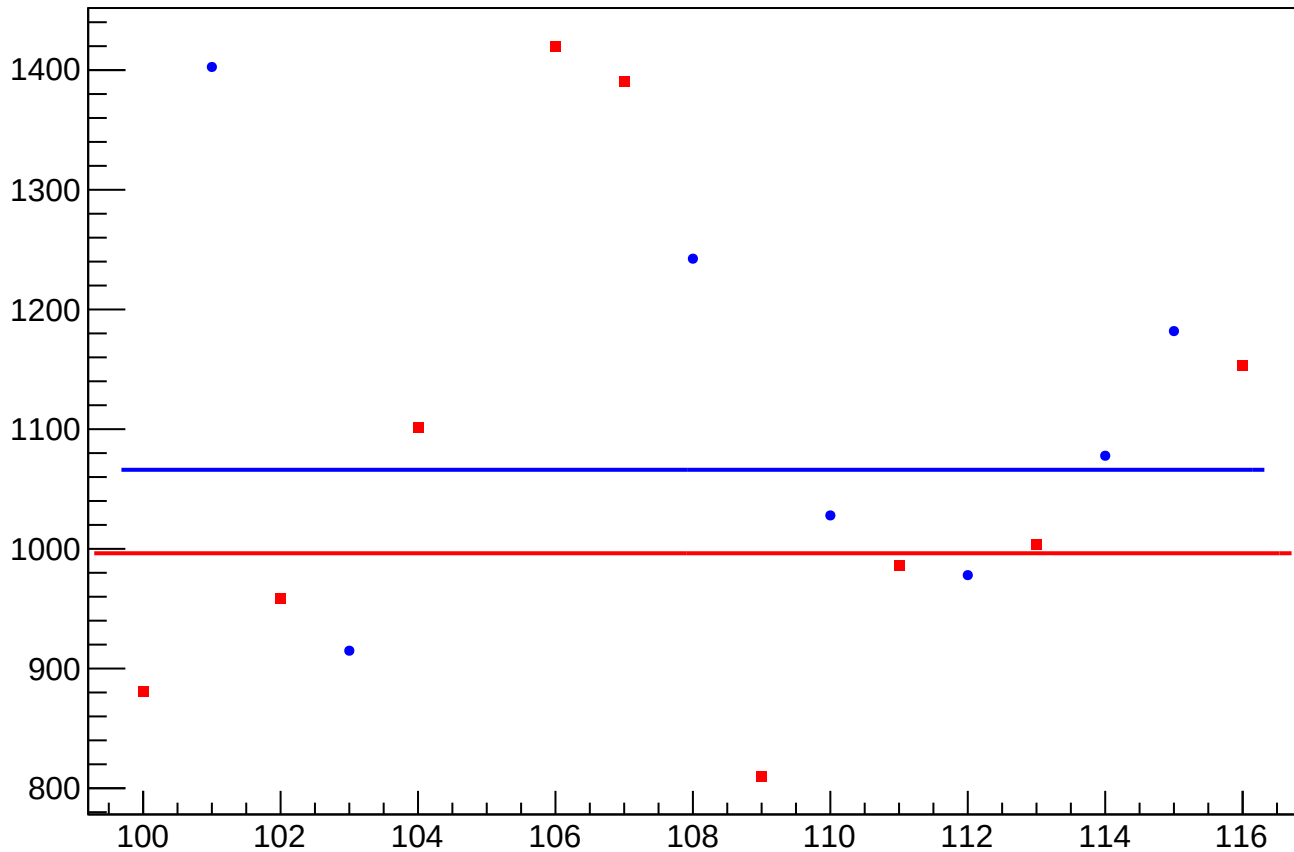
Right: -0.469 ± 0.418 χ^2/NDF : 10.8/15

In: -0.154 ± 0.649 χ^2/NDF : 0.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.469 ± 0.418 χ^2/NDF : 10.8/15

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1066.060+/-0.459 χ^2/NDF : 134834.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 996.325+/-0.386 χ^2/NDF : 170983.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

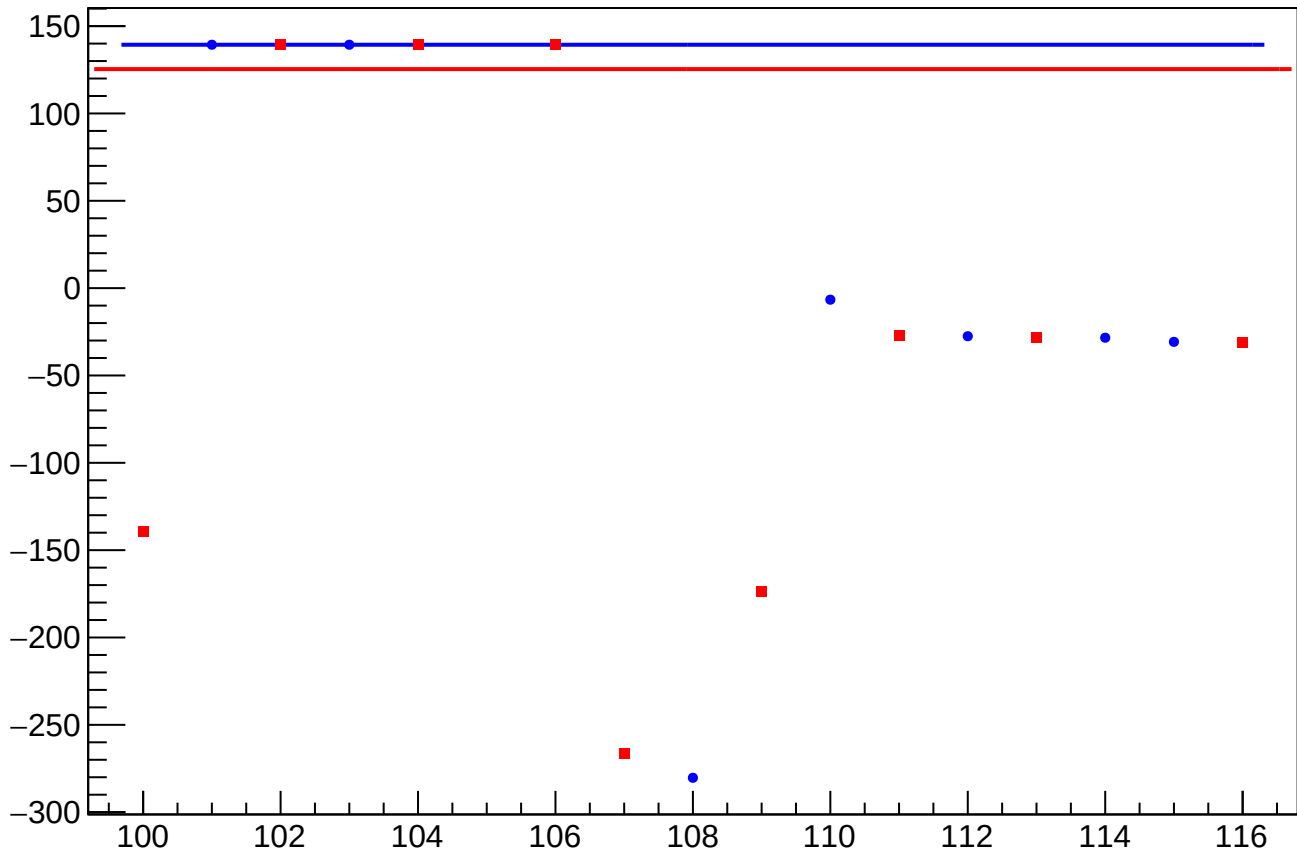
Right: 1025.227+/-0.295 χ^2/NDF : 319340.2/15

In: 1066.060+/-0.459 χ^2/NDF : 134834.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.227+/-0.295 χ^2/NDF : 319340.2/15

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 17101539370.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.392+/-0.000 χ^2/NDF : 774151885031911.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

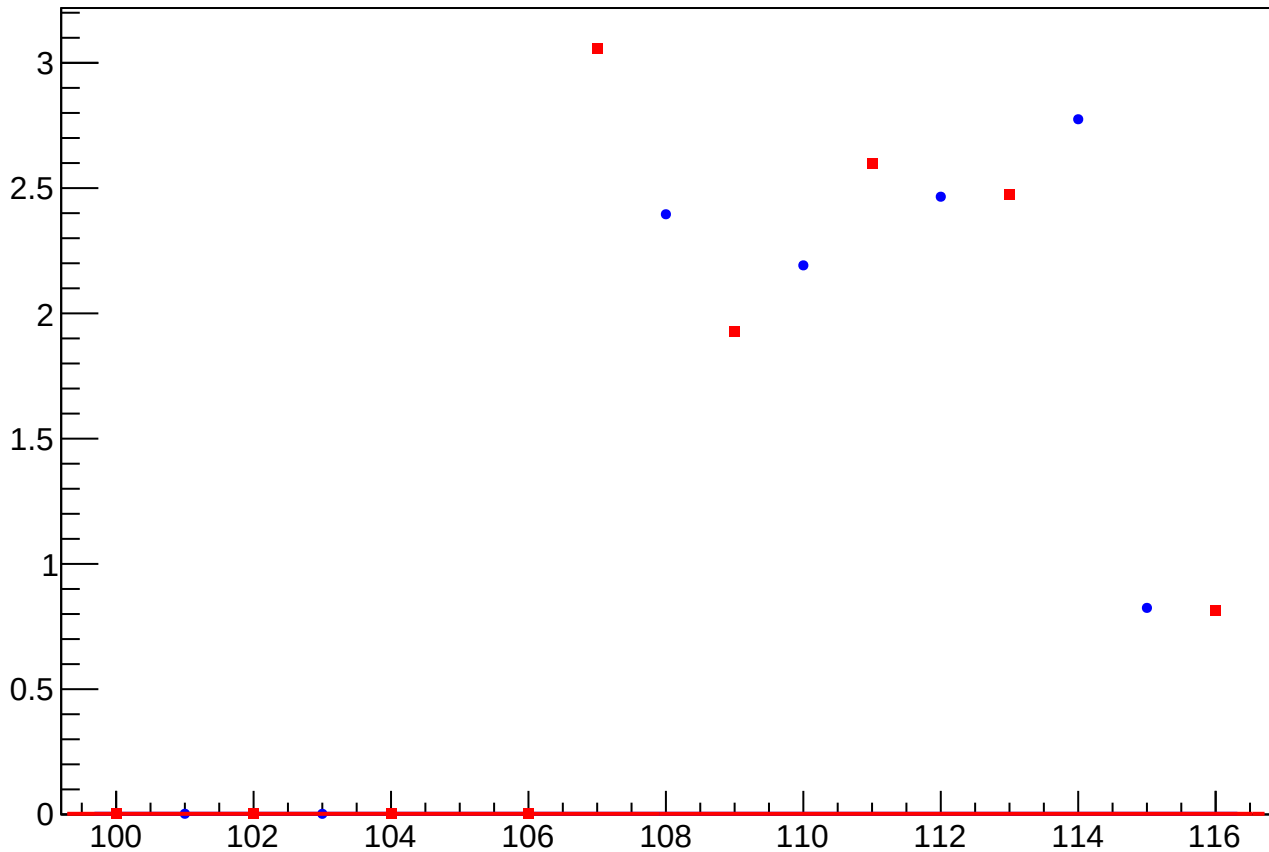
Right: 131.819+/-0.000 χ^2/NDF : 792954587324164

In: 139.338+/-0.000 χ^2/NDF : 17101539370.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792954587324

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2489928.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3122618.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

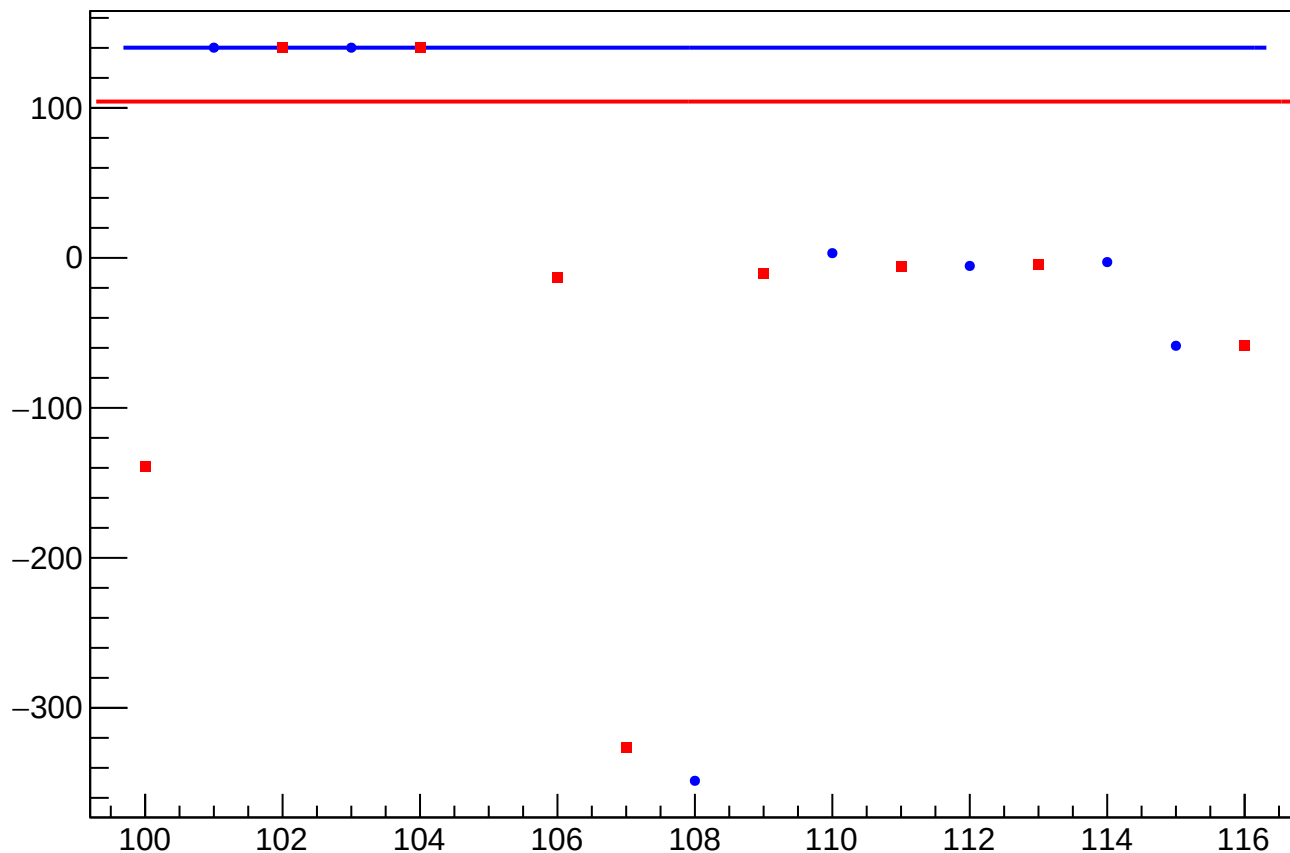
Right: 0.003+/-0.000 χ^2/NDF : 5612699.6/15

In: 0.003+/-0.000 χ^2/NDF :2489928.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5612699.6/15

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148+/-0.000 χ^2/NDF : 11503018456.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.227+/-0.000 χ^2/NDF : 1257303759264013.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

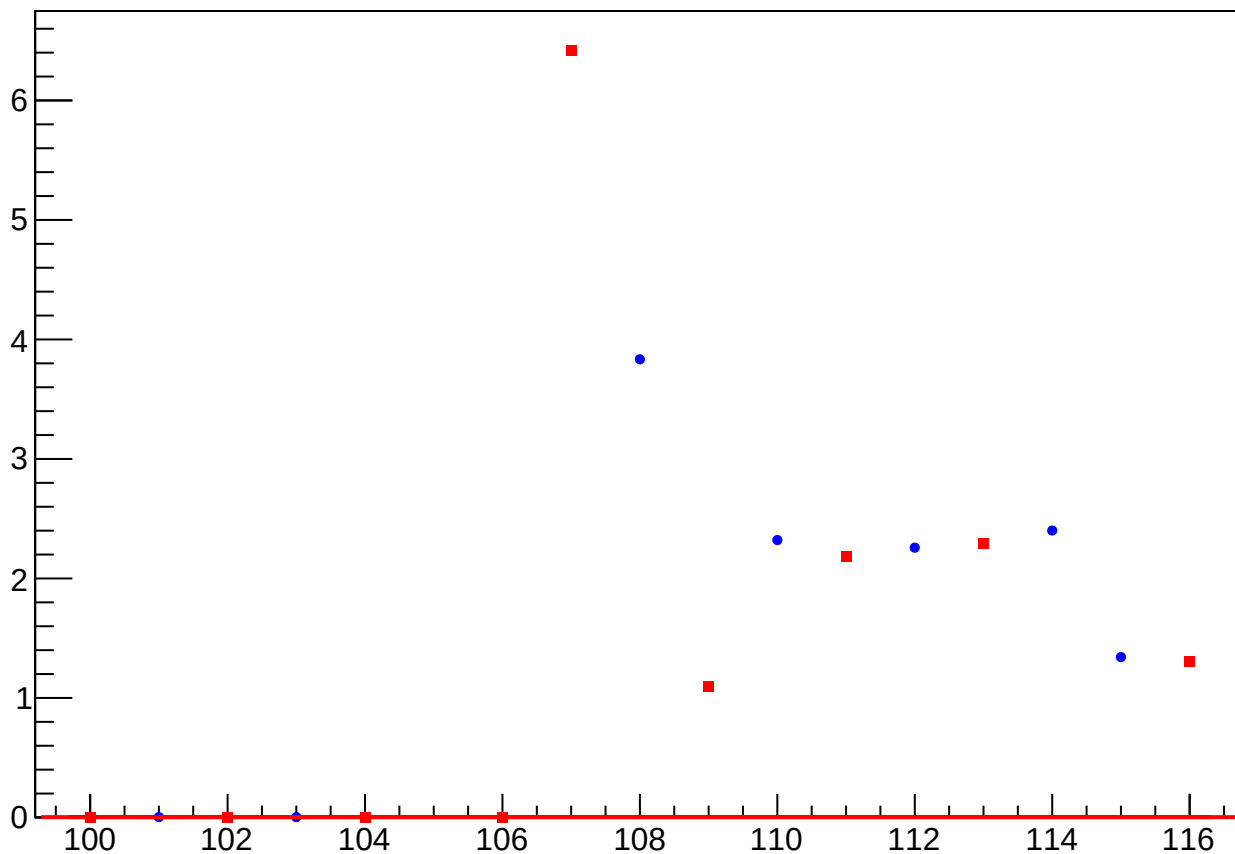
Right: 120.835+/-0.000 χ^2/NDF : 138063303494236

In: 140.148+/-0.000 χ^2/NDF : 11503018456.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.835+/-0.000 χ^2/NDF : 138063303494

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2690120.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3131131.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

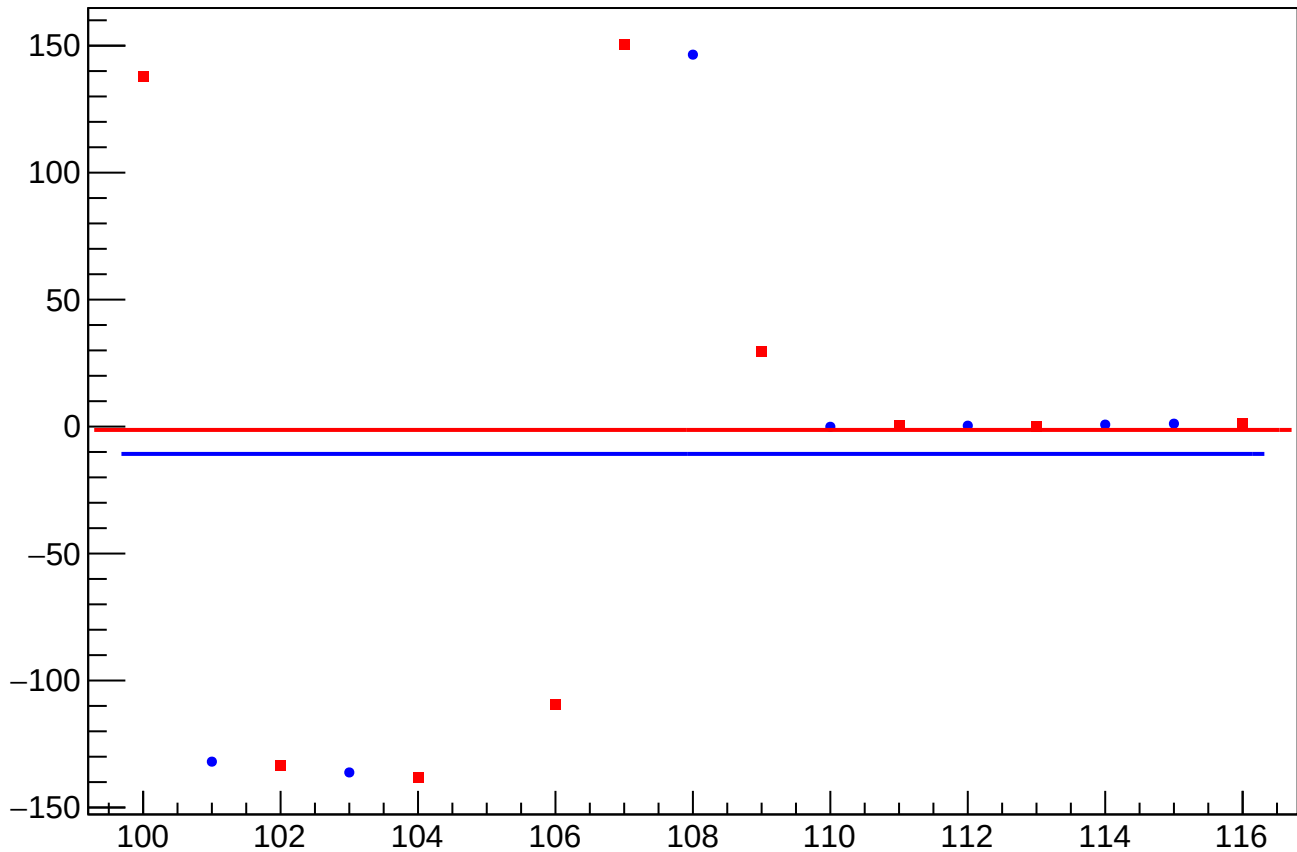
Right: 0.003+/-0.000 χ^2/NDF : 5821393.5/15

In: 0.003+/-0.000 χ^2/NDF : 2690120.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5821393.5/15

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -10.759+/-0.001 χ^2/NDF : 9507445927.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.316+/-0.000 χ^2/NDF : 3595090791.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

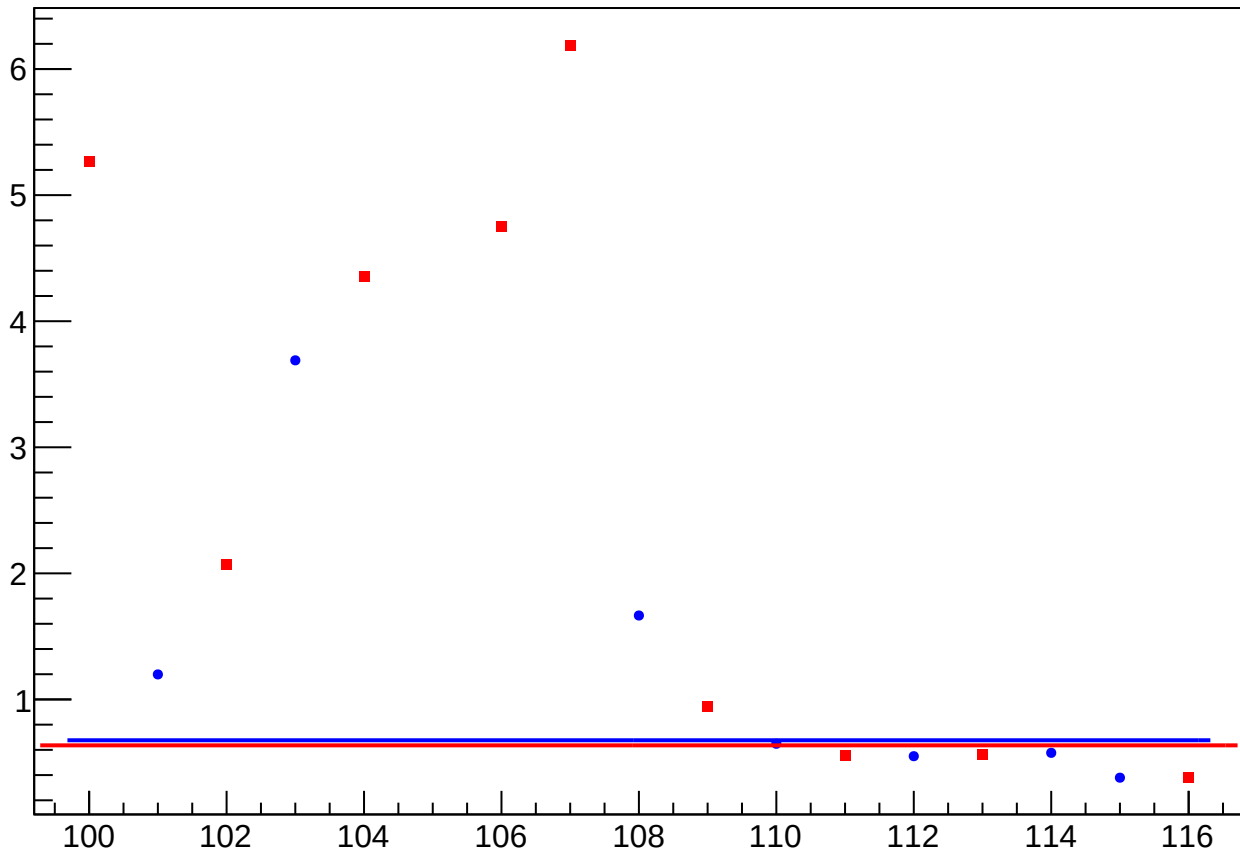
Right: -5.590+/-0.000 χ^2/NDF : 13281240175.7/15

In: -10.759+/-0.001 χ^2/NDF : 9507445927.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.590+/-0.000 χ^2/NDF : 13281240175.7/15

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.676+/-0.000 χ^2/NDF : 1259202.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.636+/-0.000 χ^2/NDF : 2283780.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

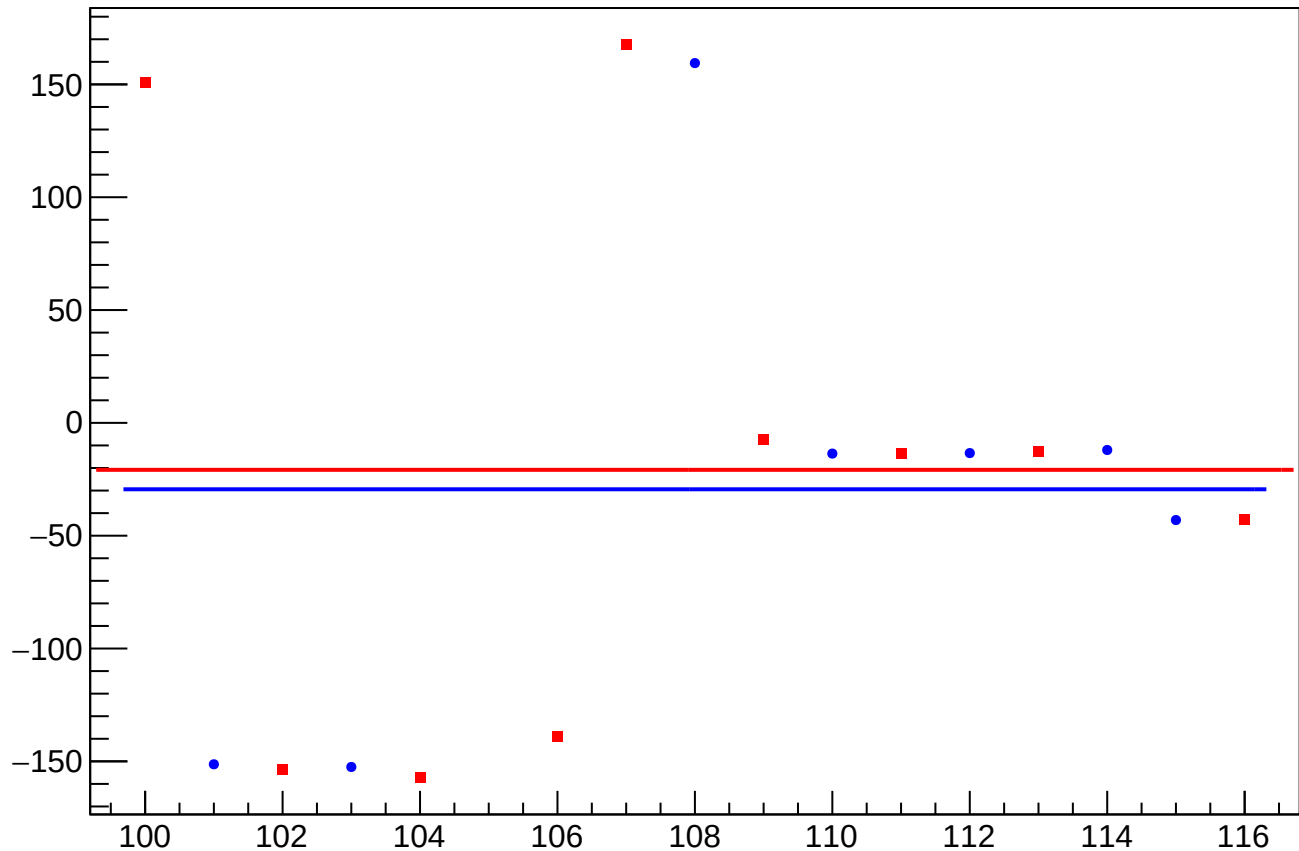
Right: 0.654+/-0.000 χ^2/NDF : 3549513.4/15

In: 0.676+/-0.000 χ^2/NDF : 1259202.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.654+/-0.000 χ^2/NDF : 3549513.4/15

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -29.437+/-0.001 χ^2/NDF : 3294957263.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -20.813+/-0.001 χ^2/NDF : 1637148706.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

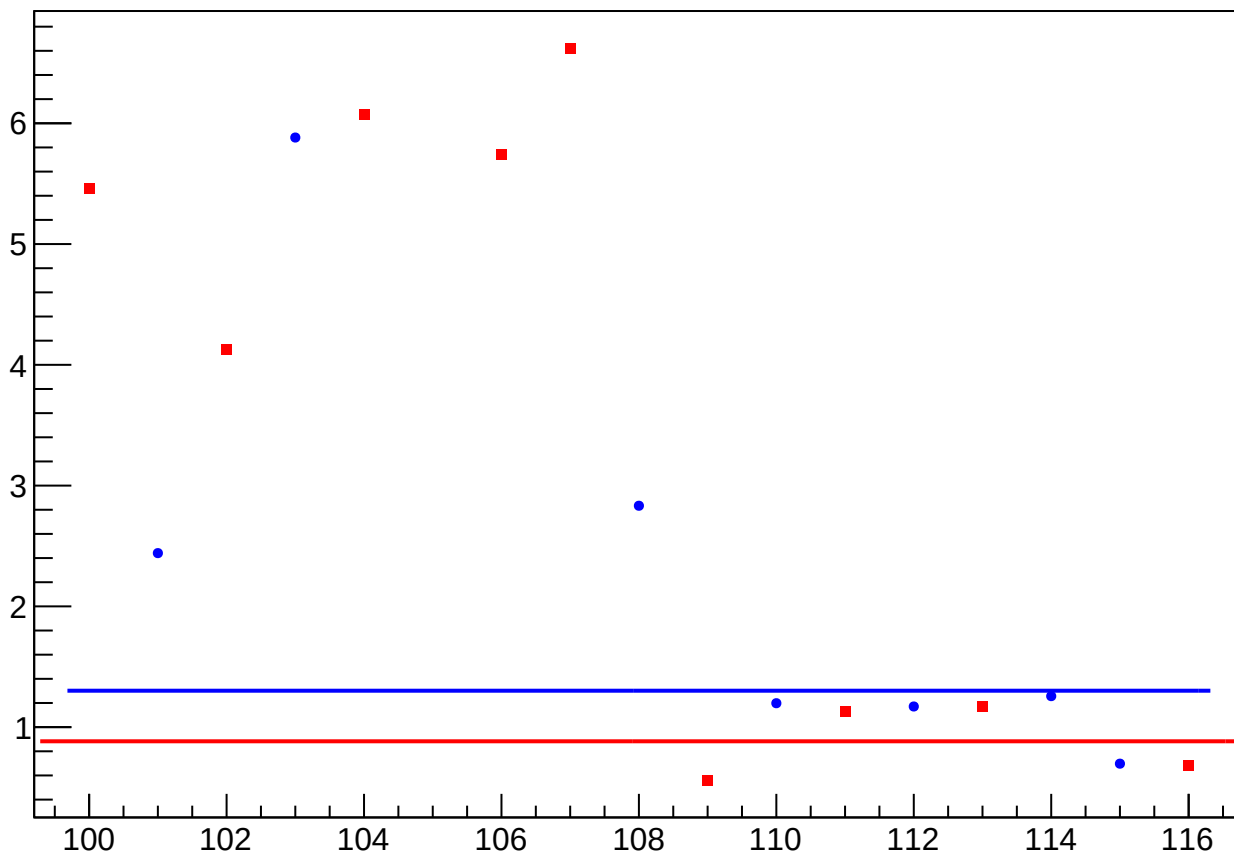
Right: -23.644+/-0.001 χ^2/NDF : 4985991242.3/15

In: -29.437+/-0.001 χ^2/NDF :3294957263.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.644+/-0.001 χ^2/NDF : 4985991242.3/15

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 1.302 $\pm$ 0.001 χ^2 /NDF: 1377548.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.883 $\pm$ 0.000 χ^2 /NDF: 2453095.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

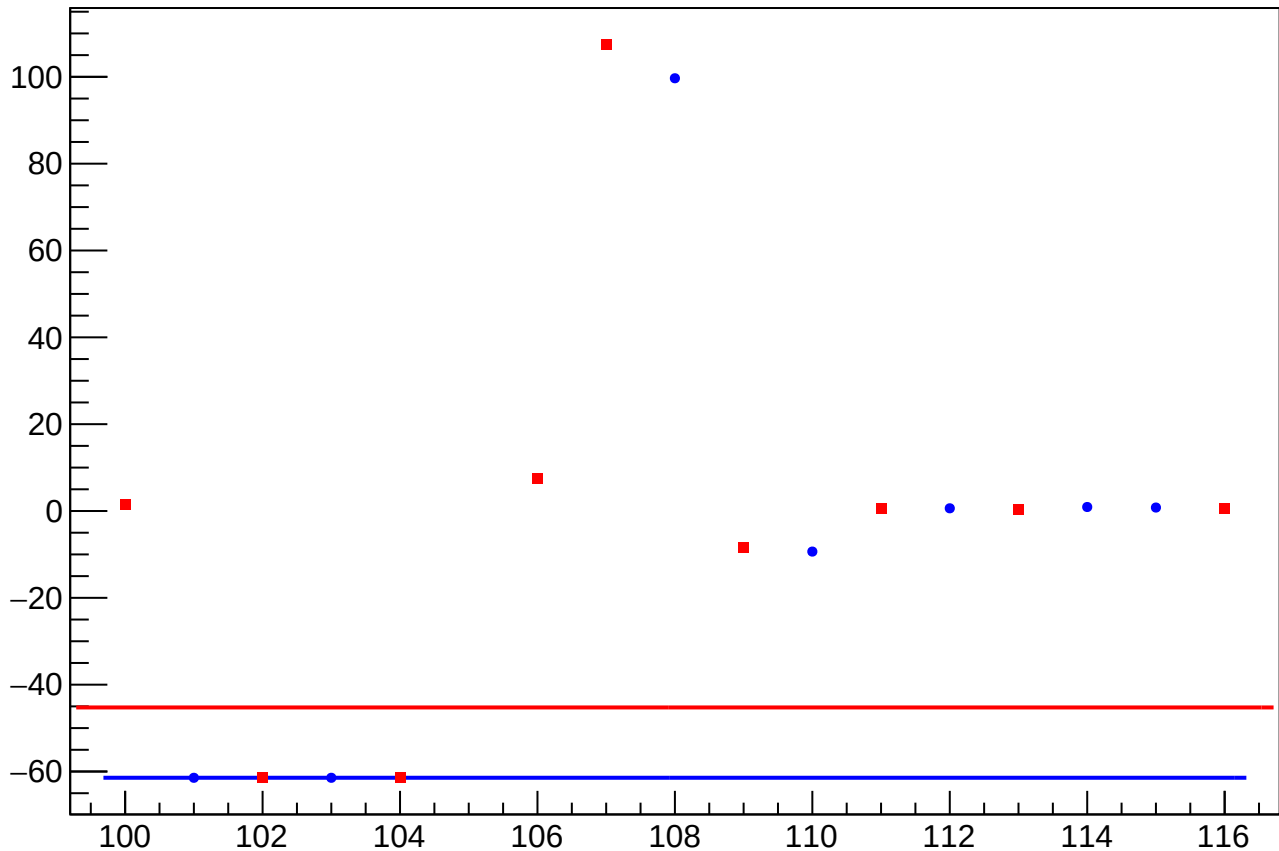
Right: 1.020 $\pm$ 0.000 χ^2 /NDF: 4084879.6/15

In: 1.302 $\pm$ 0.001 χ^2 /NDF:1377548.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

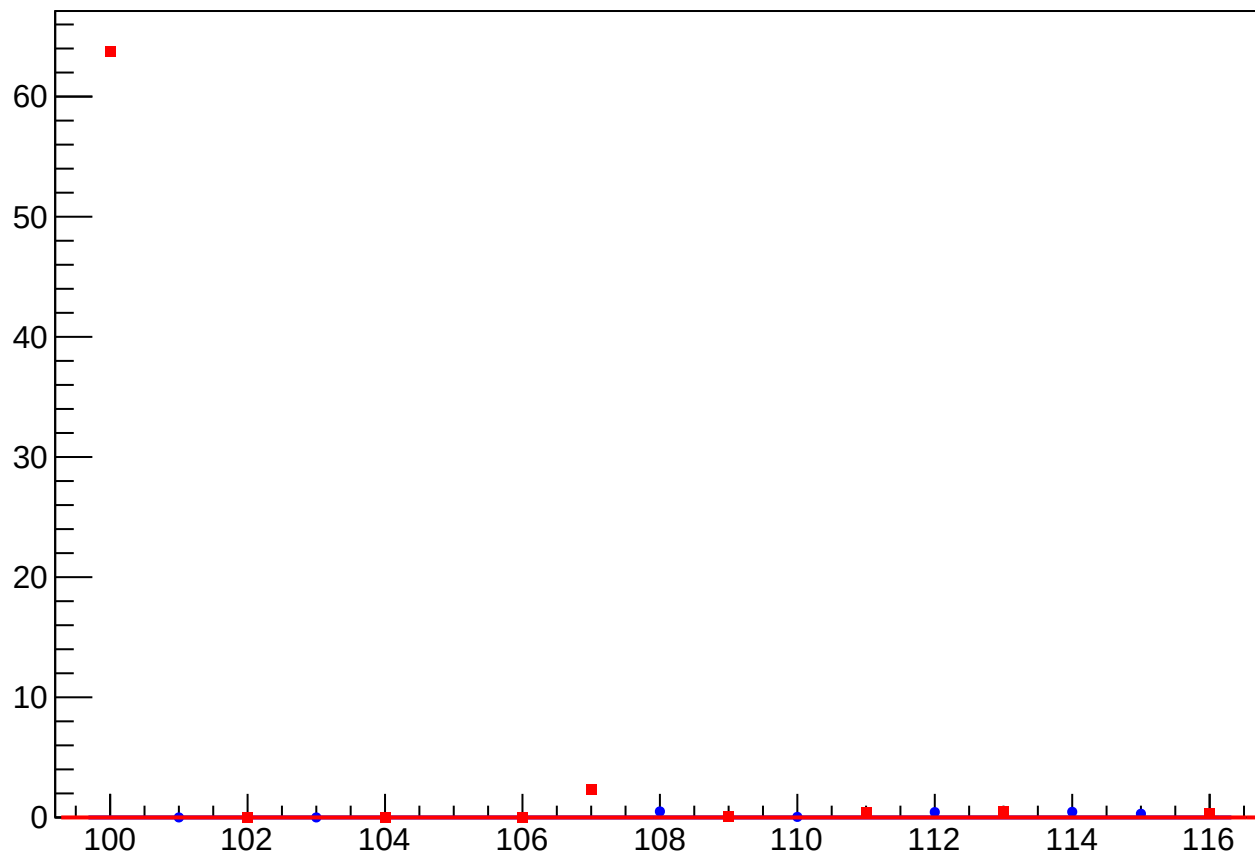
All: 1.020 $\pm$ 0.000 χ^2 /NDF: 4084879.6/15

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 202958566457.3/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.247+/-0.000 χ^2/NDF : 35784212642824.1/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409031577840148

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2104231.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2841210.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

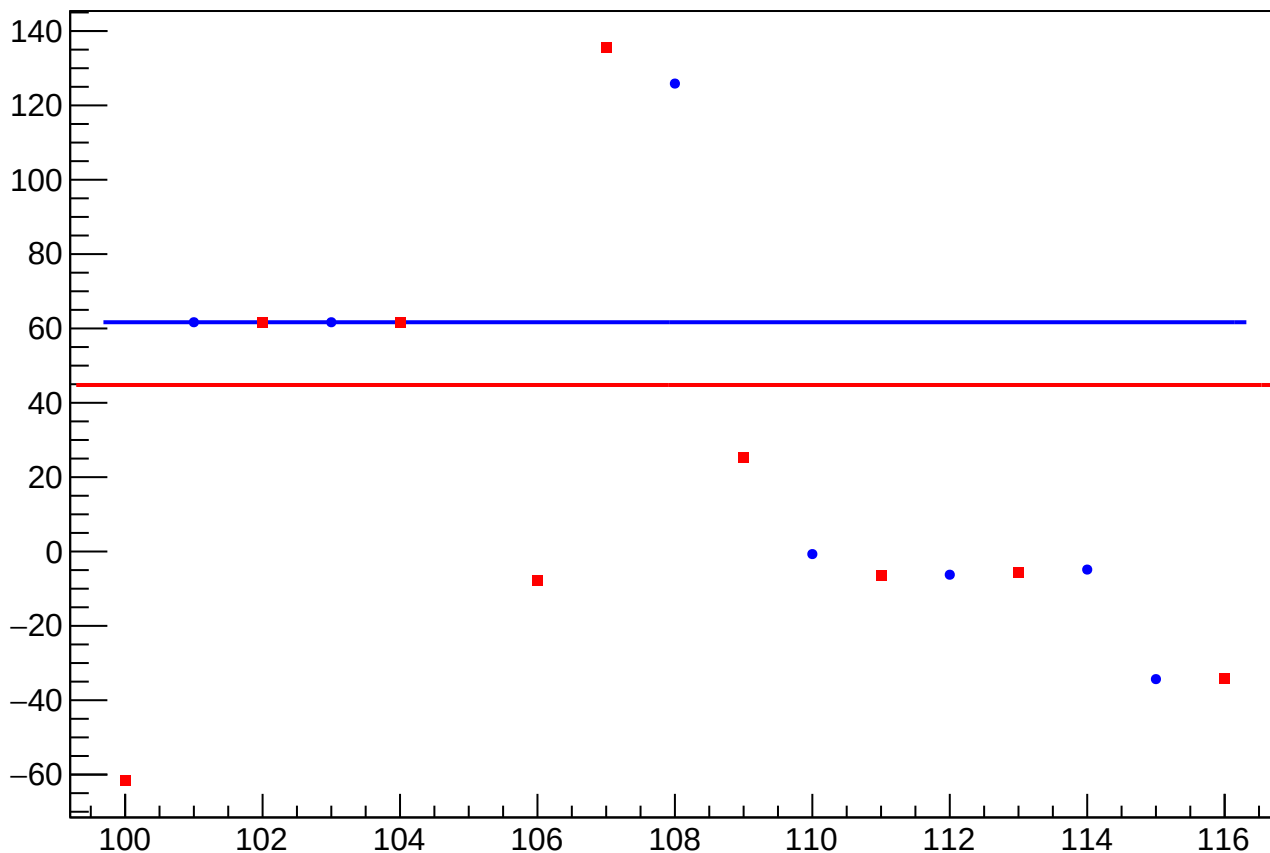
Right: 0.001+/-0.000 χ^2/NDF : 4945447.5/15

In: 0.001+/-0.000 χ^2/NDF : 2104231.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4945447.5/15

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 8383089818.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.793+/-0.000 χ^2/NDF : 365875778605598.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

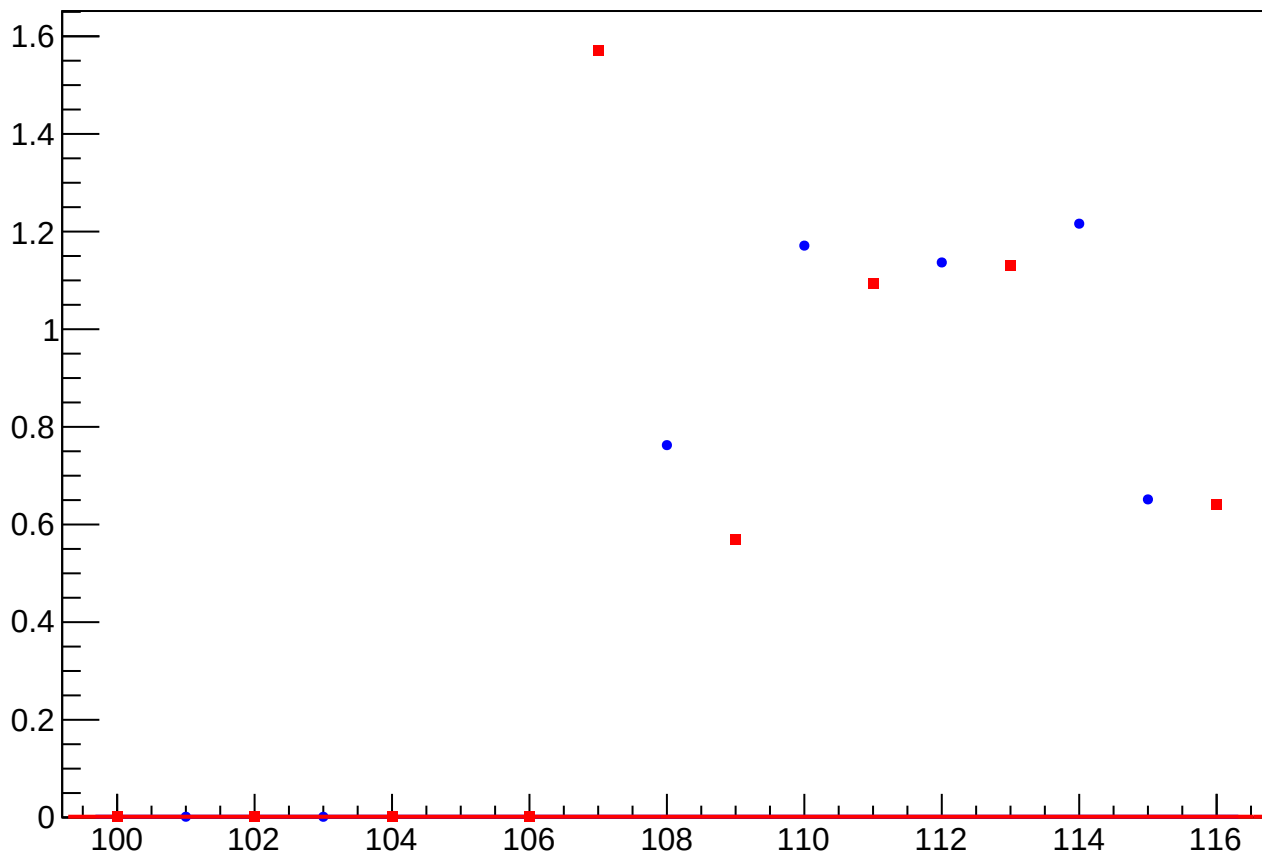
Right: 52.698+/-0.000 χ^2/NDF : 417006524722195.7

In: 61.673+/-0.000 χ^2/NDF : 8383089818.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.698+/-0.000 χ^2/NDF : 417006524722195.7

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2749618.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3153354.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

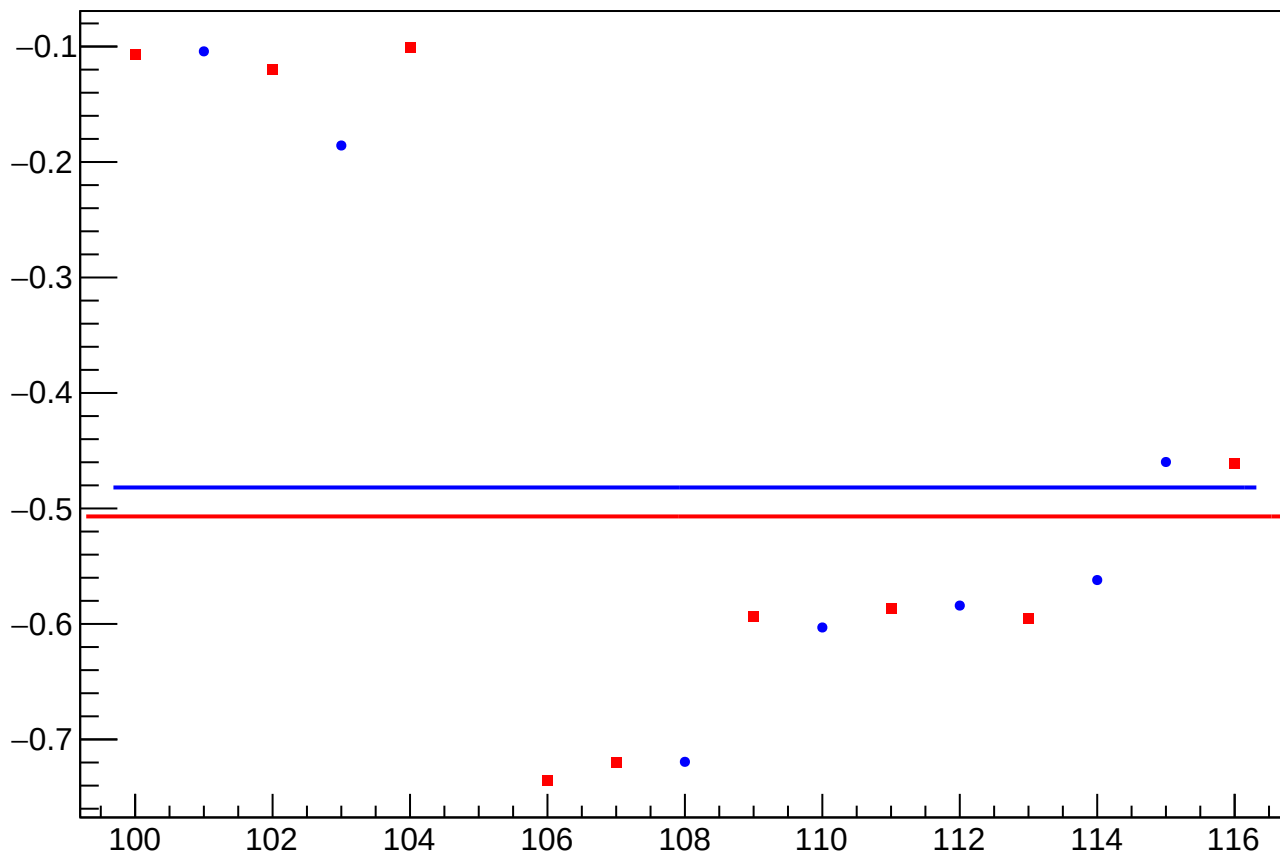
Right: 0.001+/-0.000 χ^2/NDF : 5903227.6/15

In: 0.001+/-0.000 χ^2/NDF : 2749618.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5903227.6/15

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.482+/-0.000 χ^2/NDF : 105043531.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.507+/-0.000 χ^2/NDF : 96813878.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

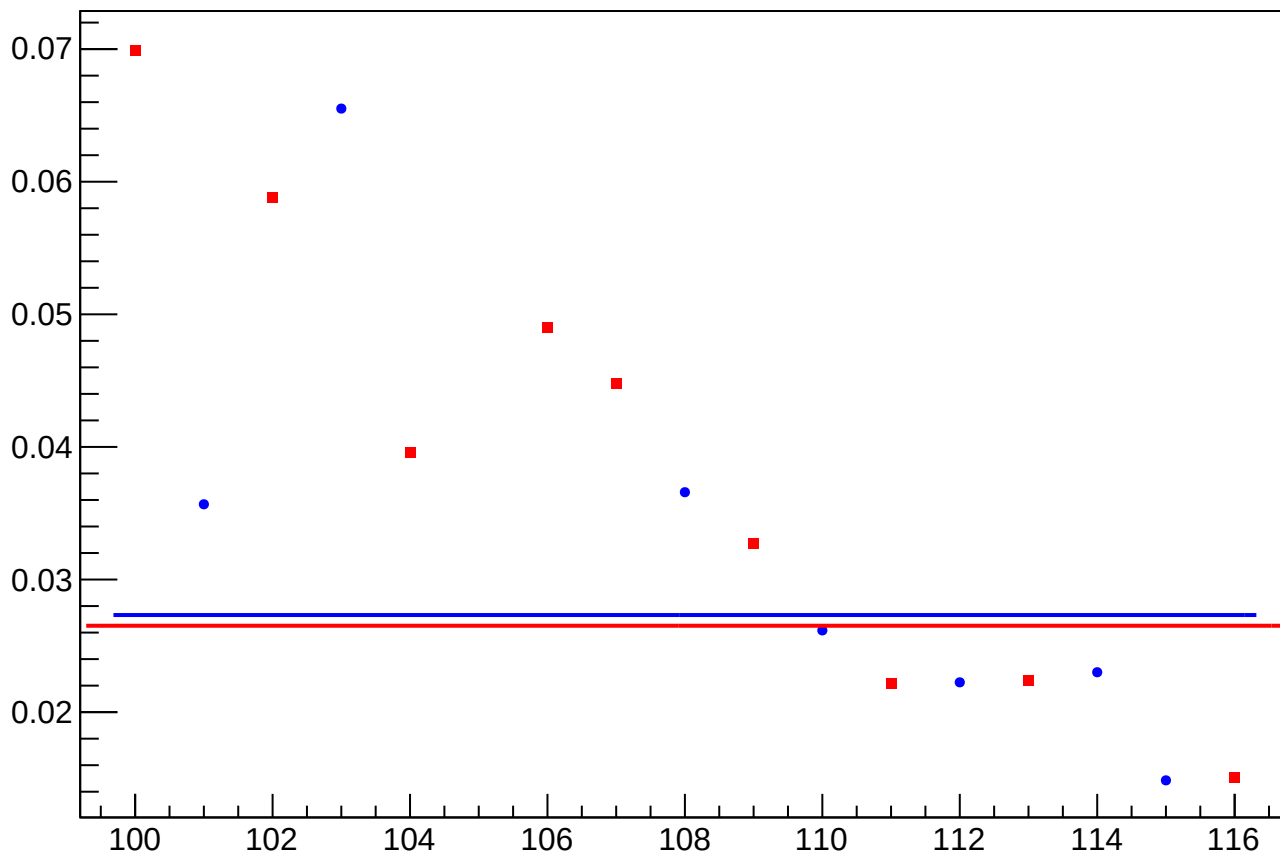
Right: -0.496+/-0.000 χ^2/NDF : 202824232.8/15

In: -0.482+/-0.000 χ^2/NDF :105043531.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.496+/-0.000 χ^2/NDF : 202824232.8/15

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 679453.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 963439.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

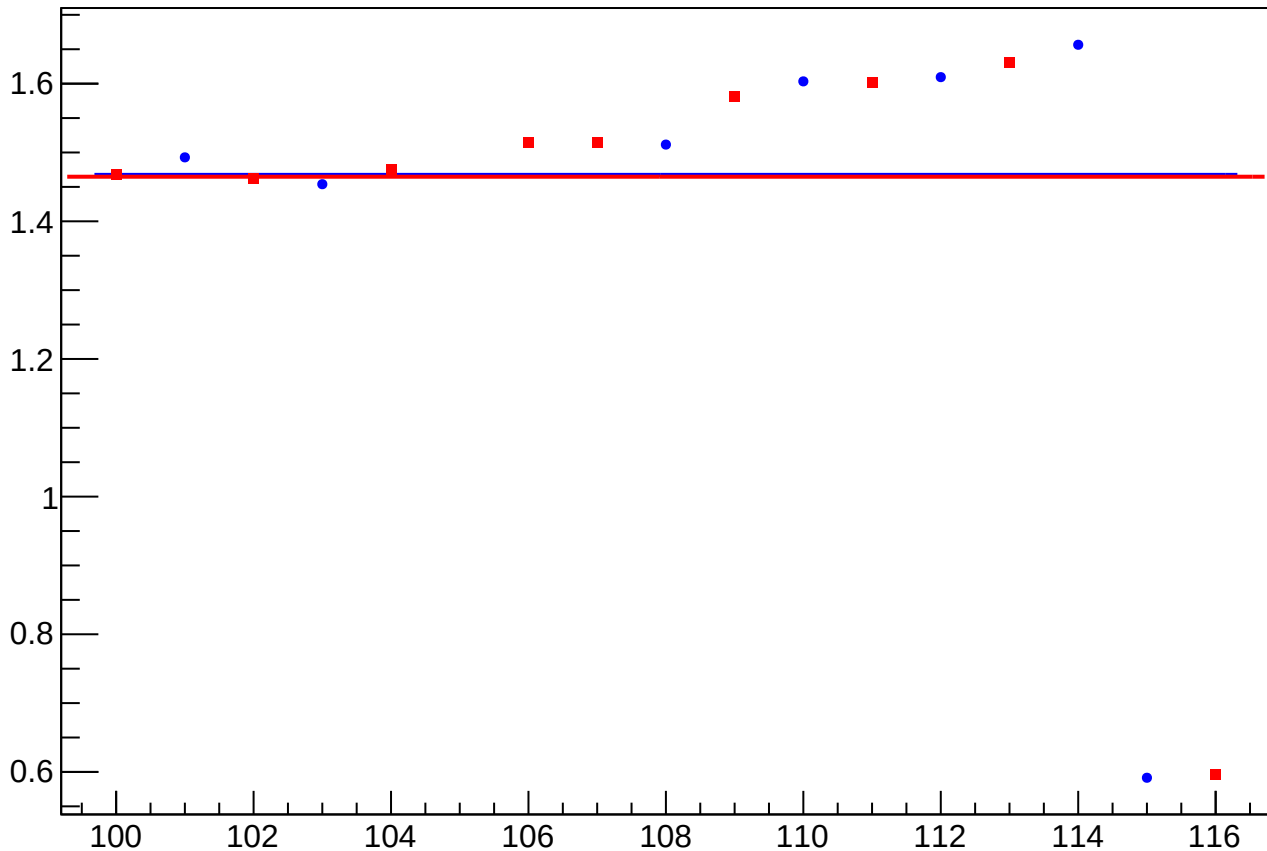
Right: 0.027+/-0.000 χ^2/NDF : 1644901.6/15

In: 0.027+/-0.000 χ^2/NDF : 679453.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 1644901.6/15

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.467+/-0.000 χ^2/NDF : 172310801.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.465+/-0.000 χ^2/NDF : 322884096.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

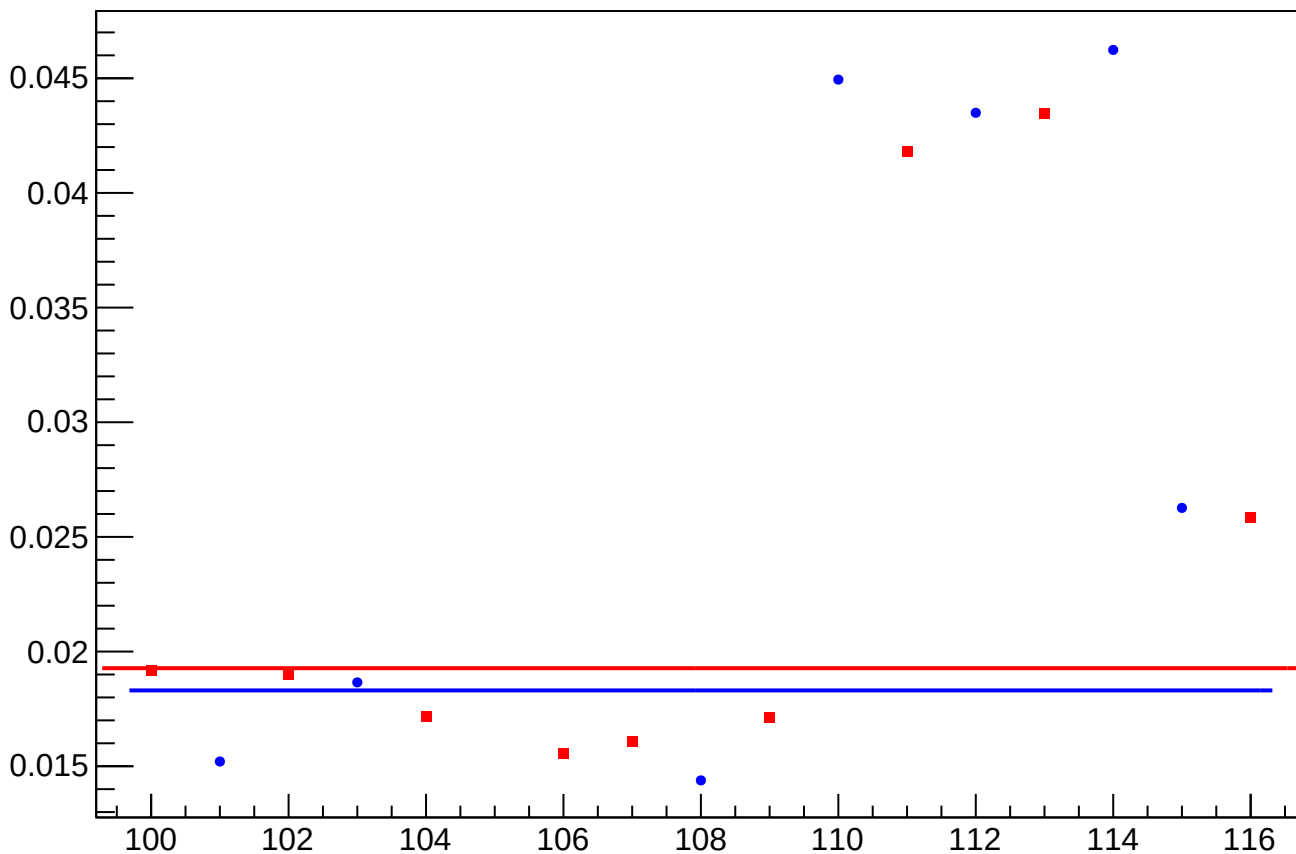
Right: 1.466+/-0.000 χ^2/NDF : 495220062.1/15

In: 1.467+/-0.000 χ^2/NDF : 172310801.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.466+/-0.000 χ^2/NDF : 495220062.1/15

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 748597.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 627494.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

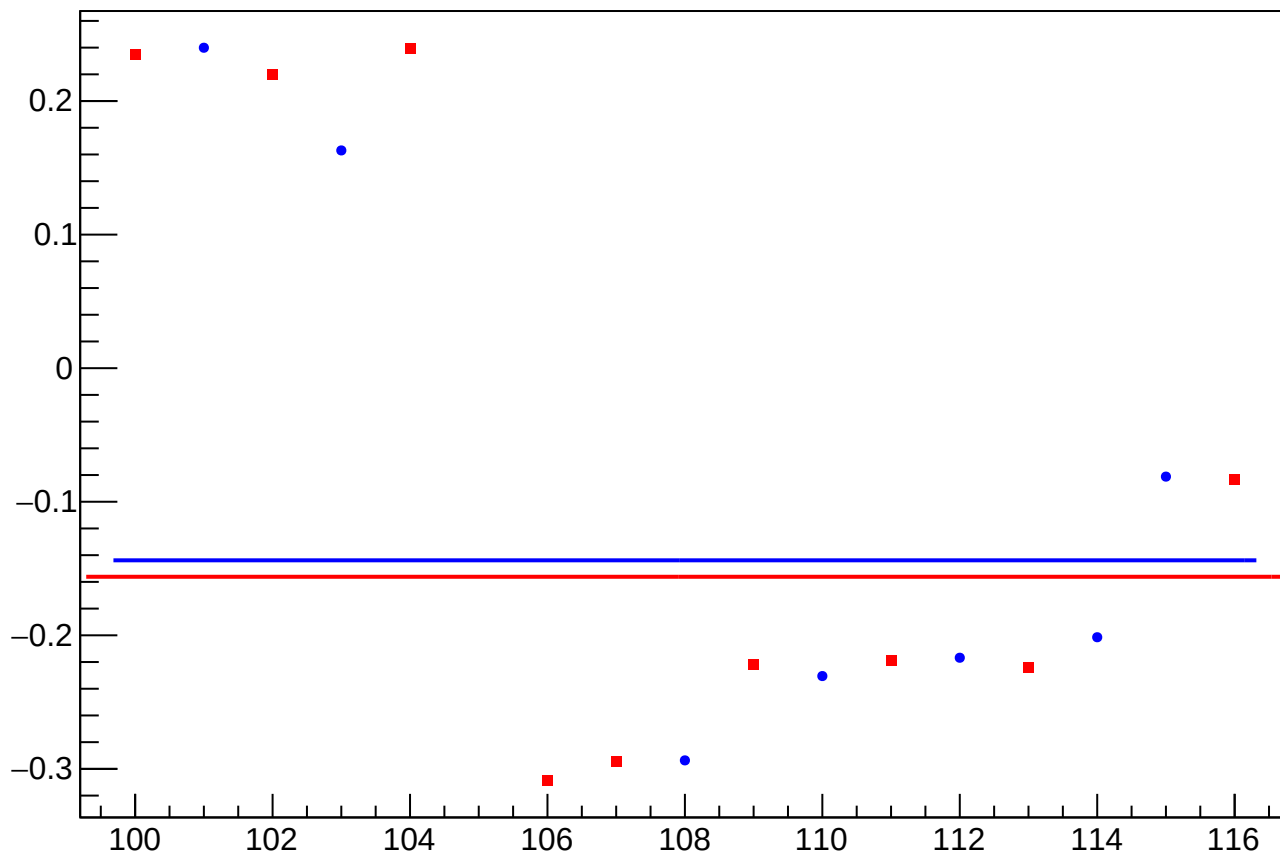
Right: 0.019+/-0.000 χ^2/NDF : 1382661.8/15

In: 0.018+/-0.000 χ^2/NDF : 748597.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1382661.8/15

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.144+/-0.000 χ^2/NDF : 93264409.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.156+/-0.000 χ^2/NDF : 89949794.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

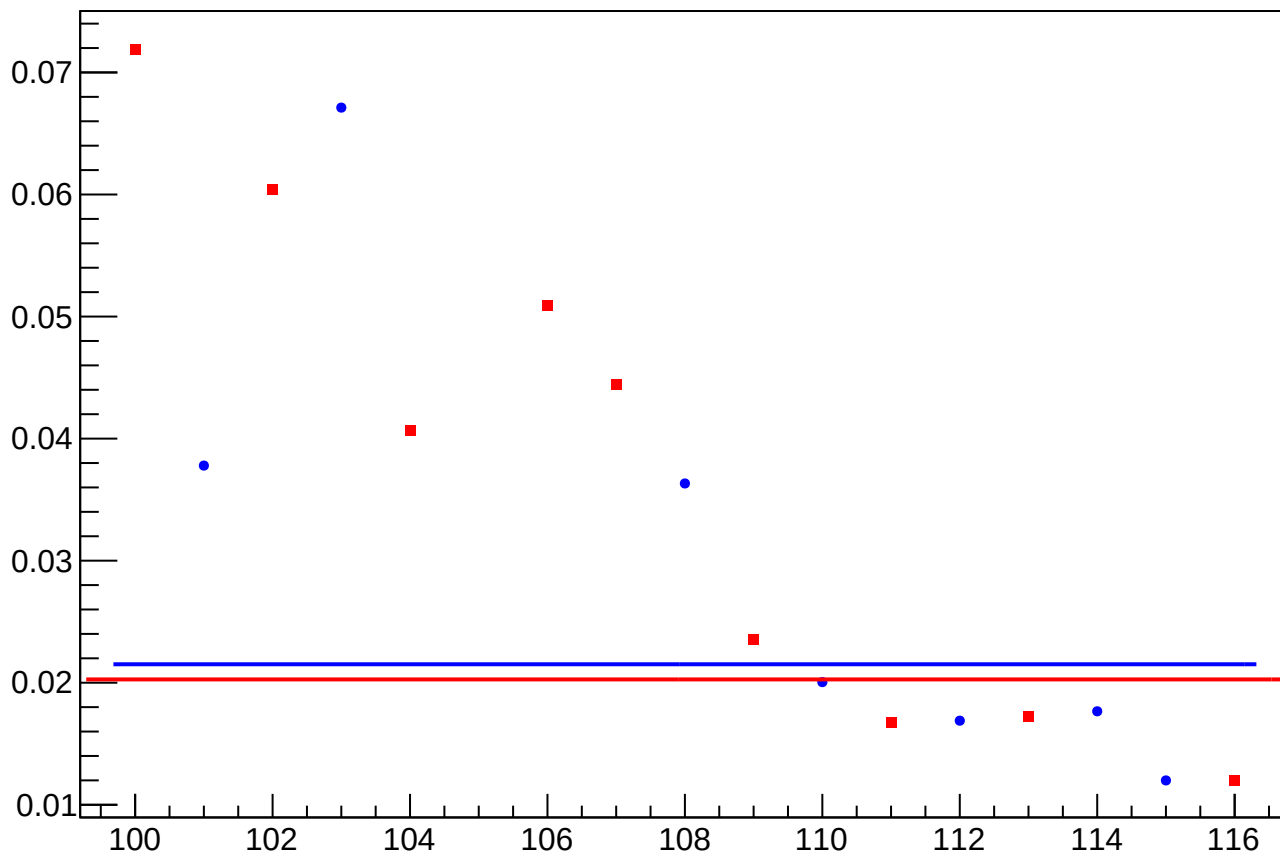
Right: -0.151+/-0.000 χ^2/NDF : 183569552.8/15

In: -0.144+/-0.000 χ^2/NDF :93264409.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.151+/-0.000 χ^2/NDF : 183569552.8/15

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 1047638.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1339454.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

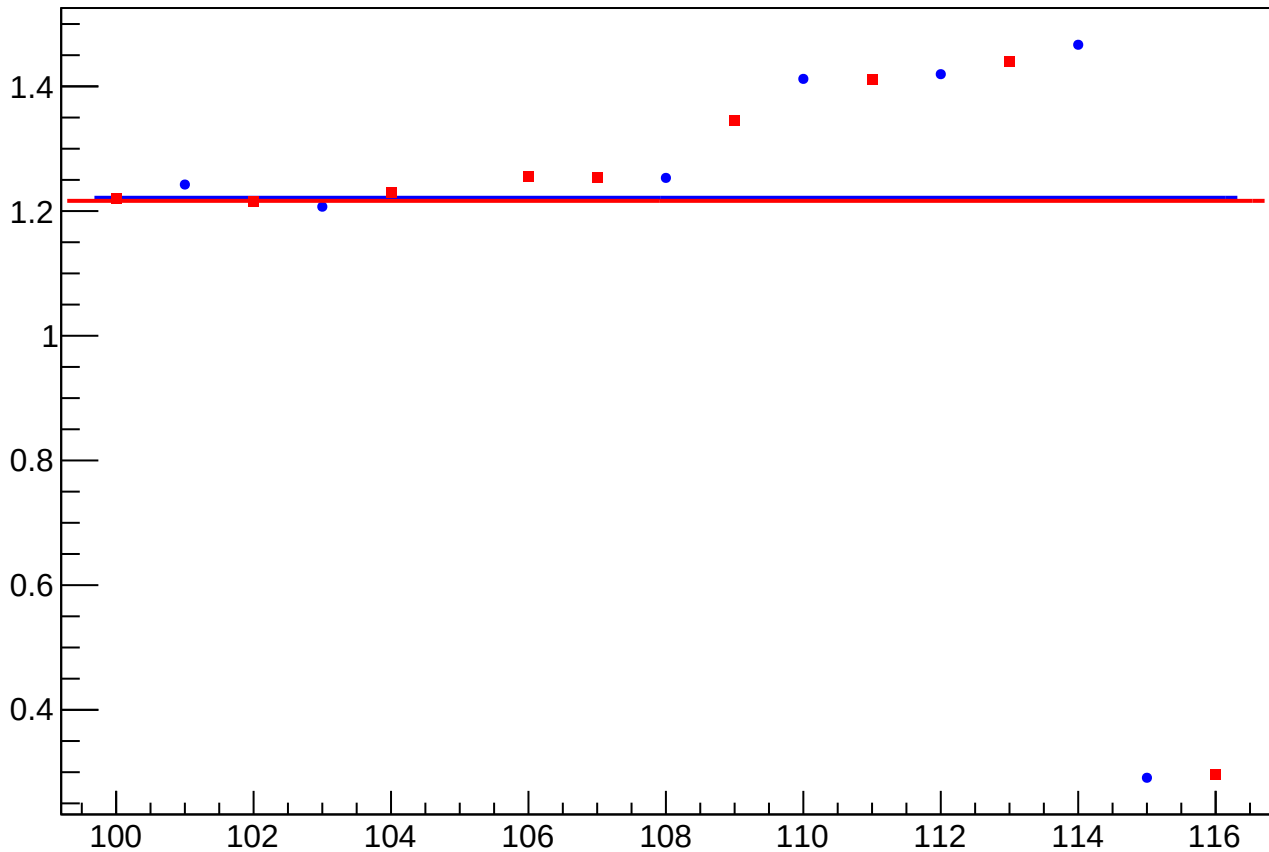
Right: 0.021+/-0.000 χ^2/NDF : 2394319.9/15

In: 0.022+/-0.000 χ^2/NDF :1047638.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2394319.9/15

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.221+/-0.000 χ^2/NDF : 245425290.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.216+/-0.000 χ^2/NDF : 451538429.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

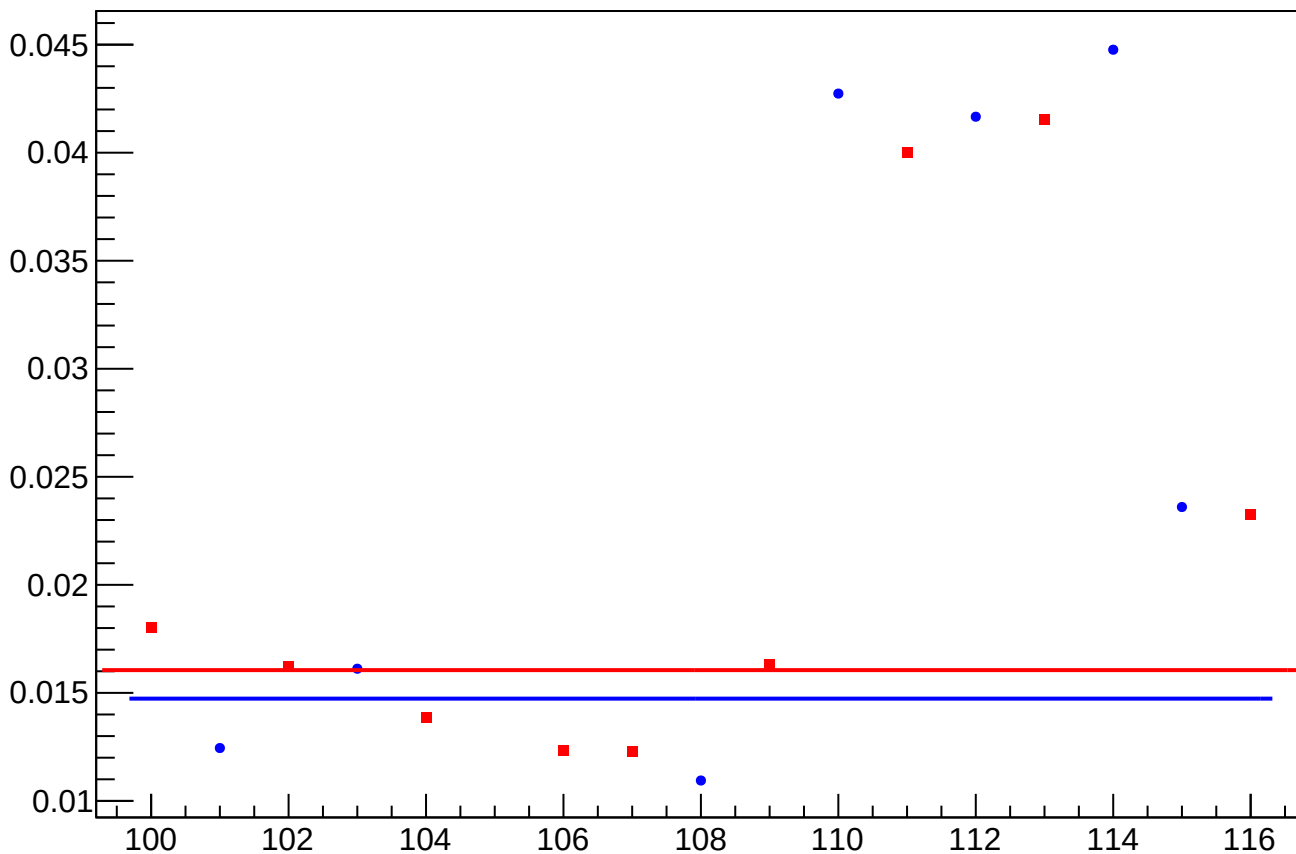
Right: 1.219+/-0.000 χ^2/NDF : 697084865.6/15

In: 1.221+/-0.000 χ^2/NDF : 245425290.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.219+/-0.000 χ^2/NDF : 697084865.6/15

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 930769.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 795242.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

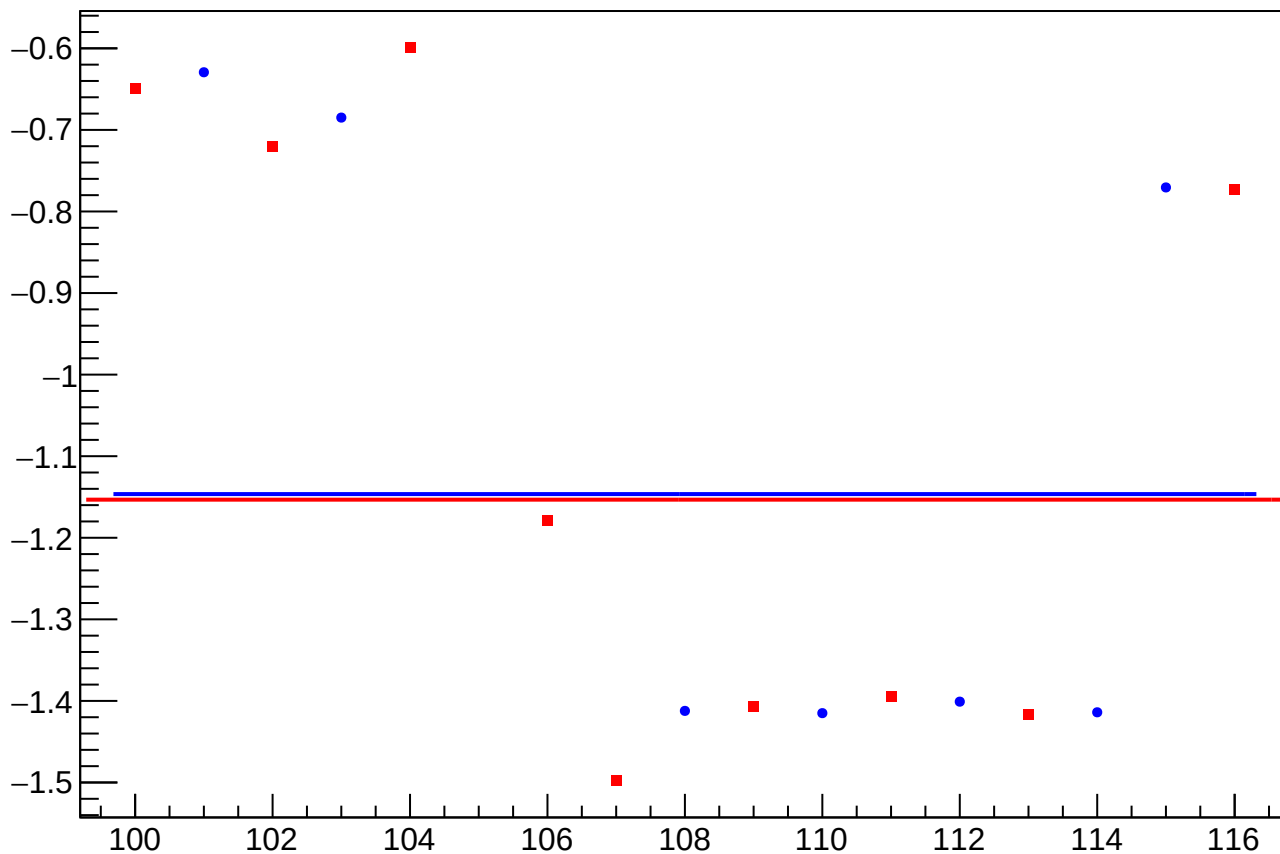
Right: 0.015+/-0.000 χ^2/NDF : 1743407.8/15

In: 0.015+/-0.000 χ^2/NDF : 930769.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1743407.8/15

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.146+/-0.000 χ^2/NDF : 334730524.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.153+/-0.000 χ^2/NDF : 392600501.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

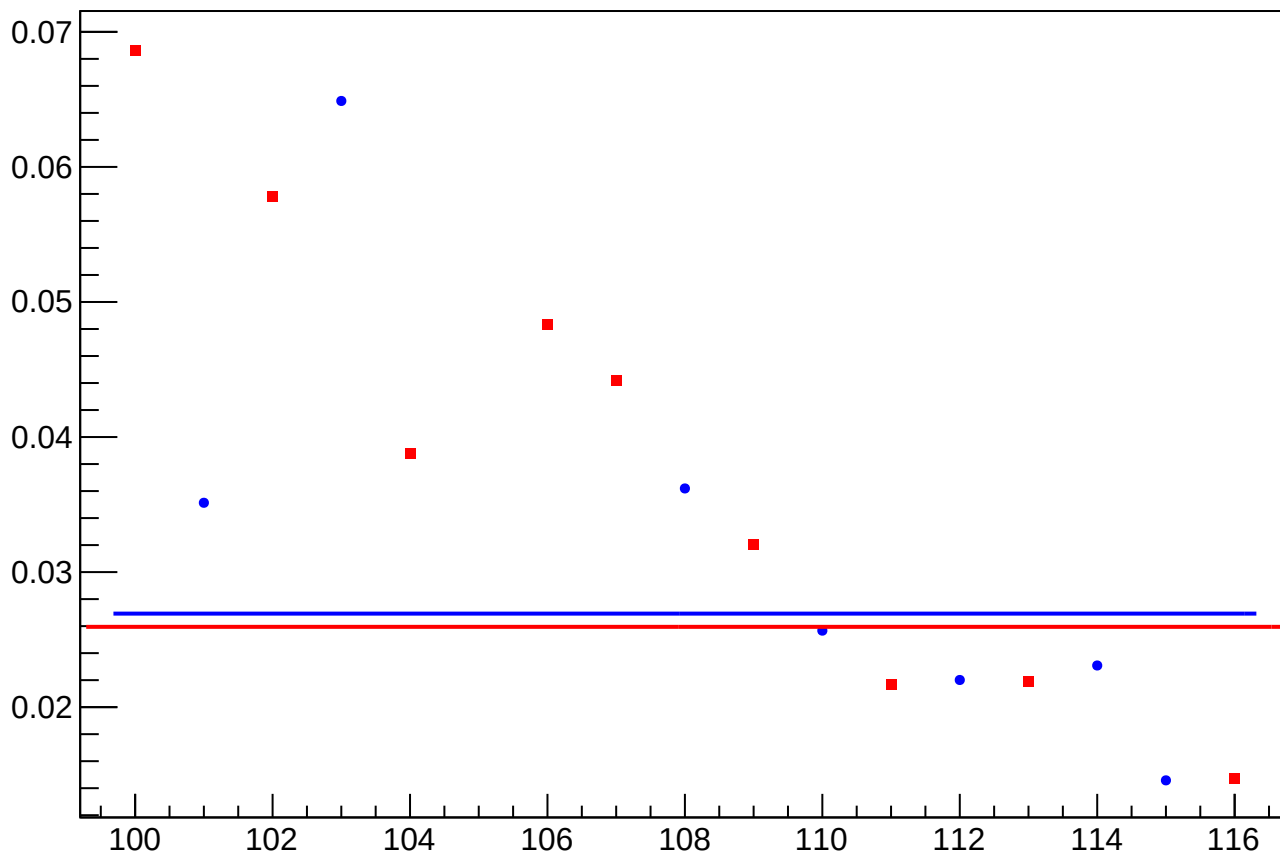
Right: -1.150+/-0.000 χ^2/NDF : 727405012.0/15

In: -1.146+/-0.000 χ^2/NDF :334730524.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.150+/-0.000 χ^2/NDF : 727405012.0/15

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 681013.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 970650.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

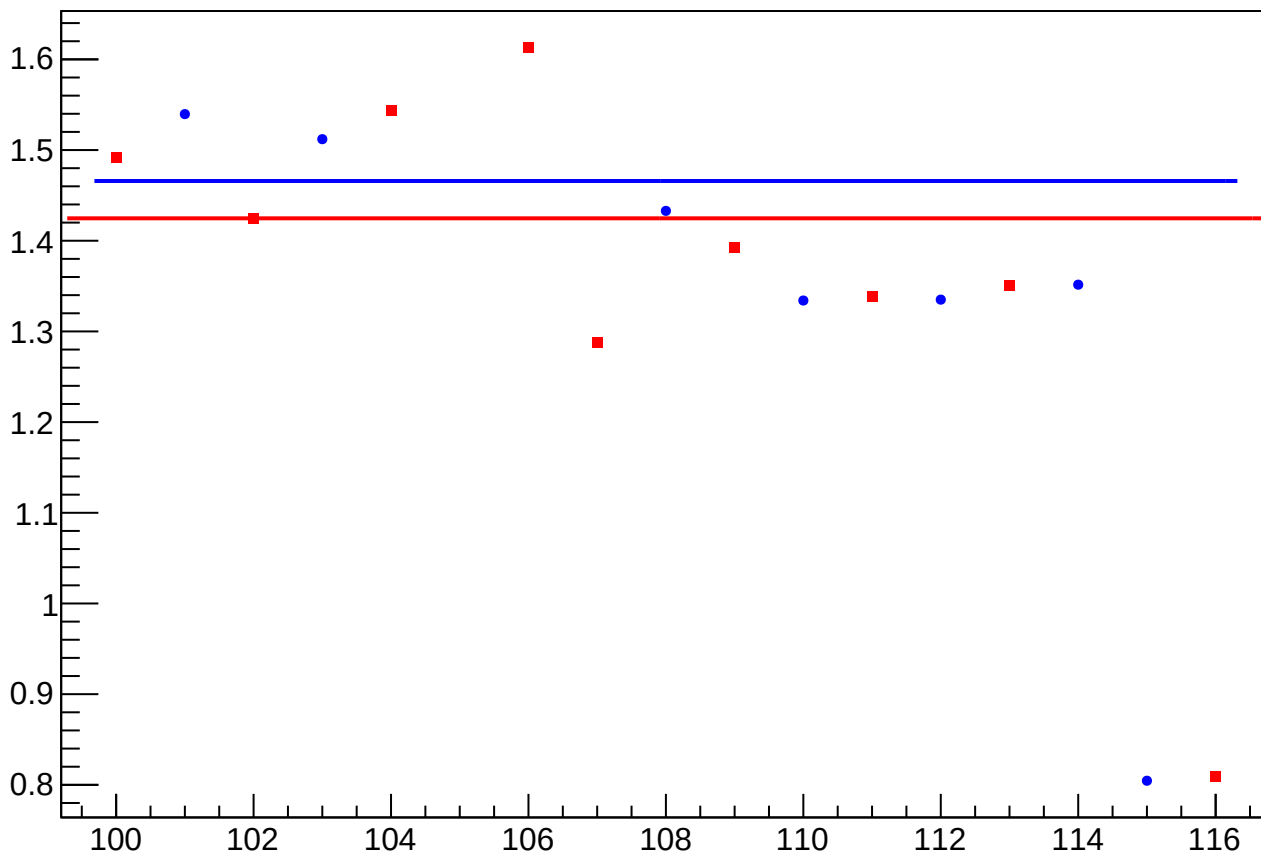
Right: 0.026+/-0.000 χ^2/NDF : 1654705.6/15

In: 0.027+/-0.000 χ^2/NDF : 681013.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1654705.6/15

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.466+/-0.000 χ^2/NDF : 114595381.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.425+/-0.000 χ^2/NDF : 227219728.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

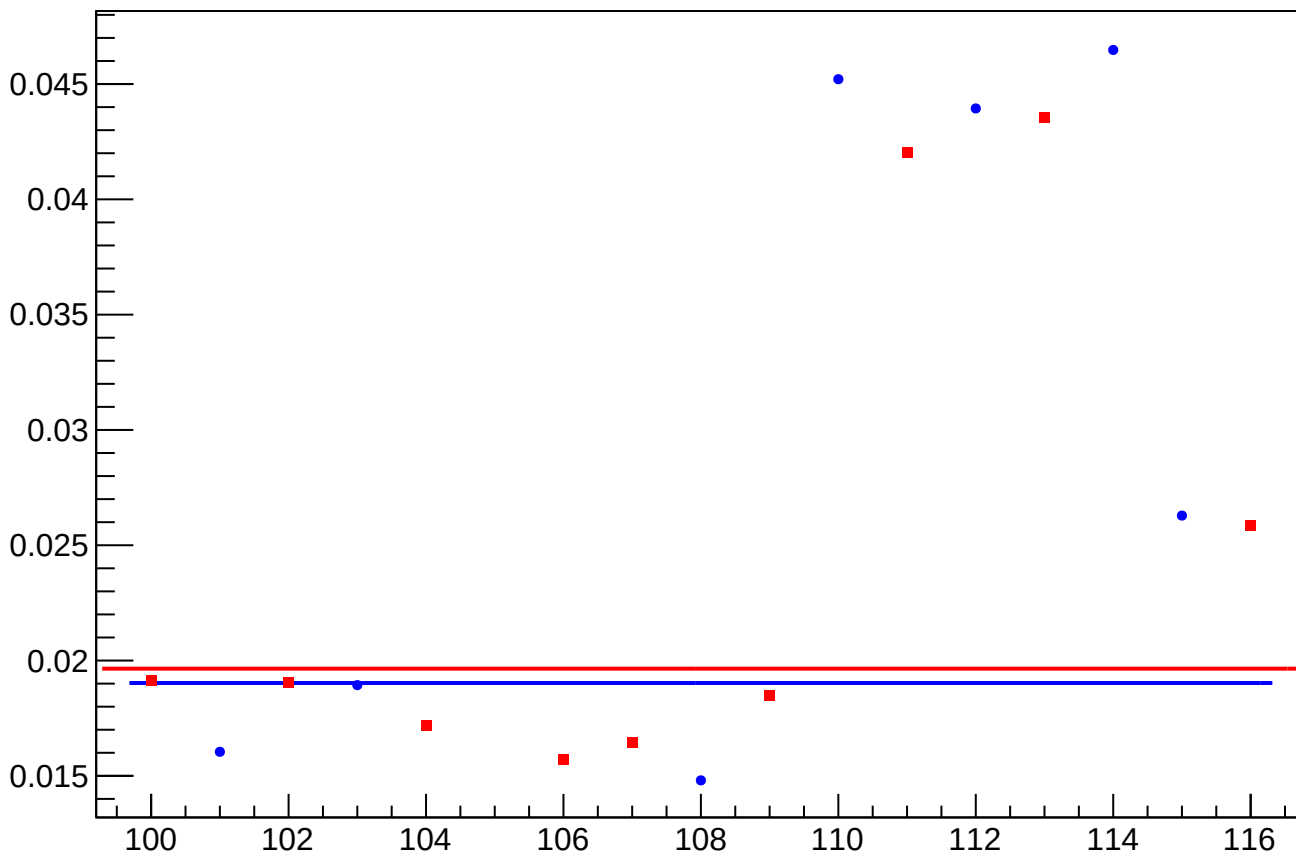
Right: 1.443+/-0.000 χ^2/NDF : 347398089.5/15

In: 1.466+/-0.000 χ^2/NDF : 114595381.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.443+/-0.000 χ^2/NDF : 347398089.5/15

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 711488.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 609414.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

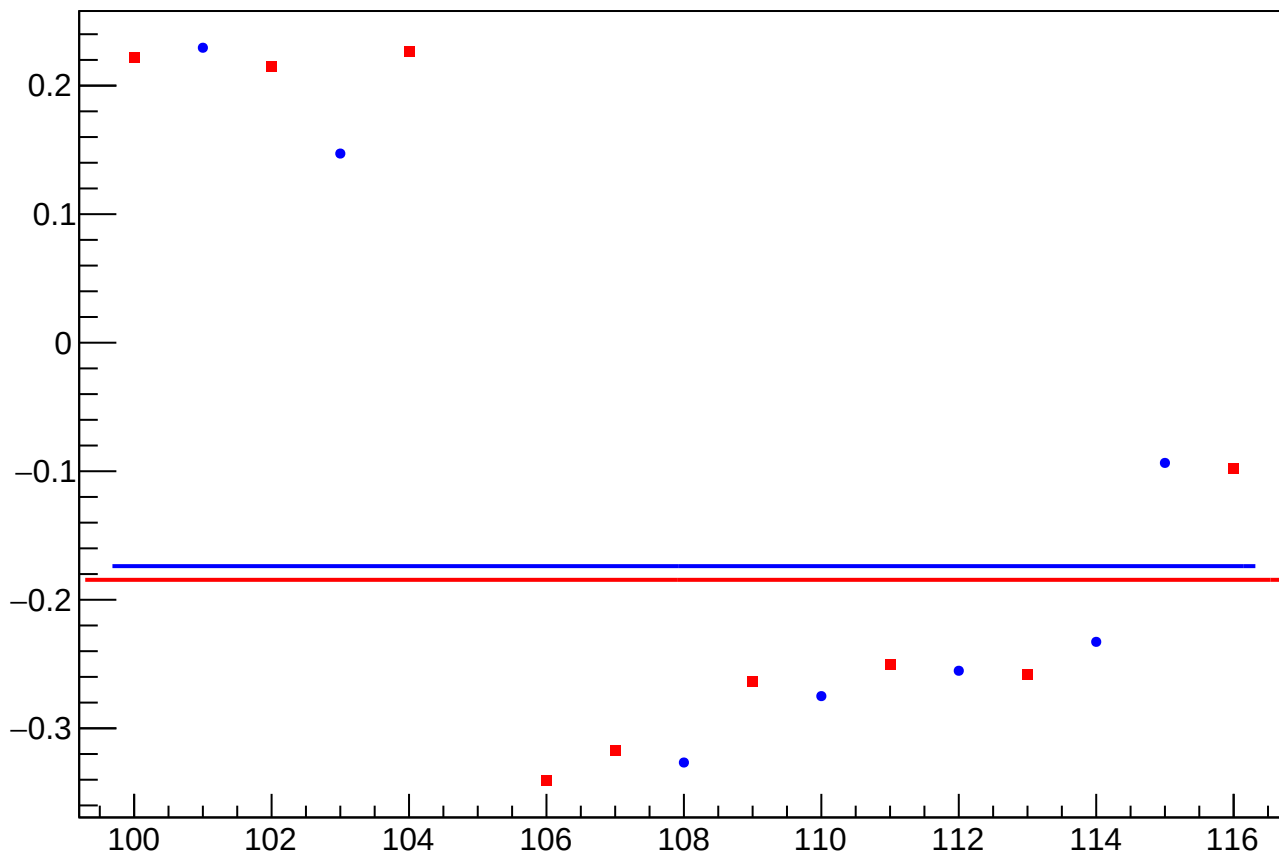
Right: 0.019+/-0.000 χ^2/NDF : 1323454.5/15

In: 0.019+/-0.000 χ^2/NDF : 711488.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1323454.5/15

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.174+/-0.000 χ^2/NDF : 104378529.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.184+/-0.000 χ^2/NDF : 99184867.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

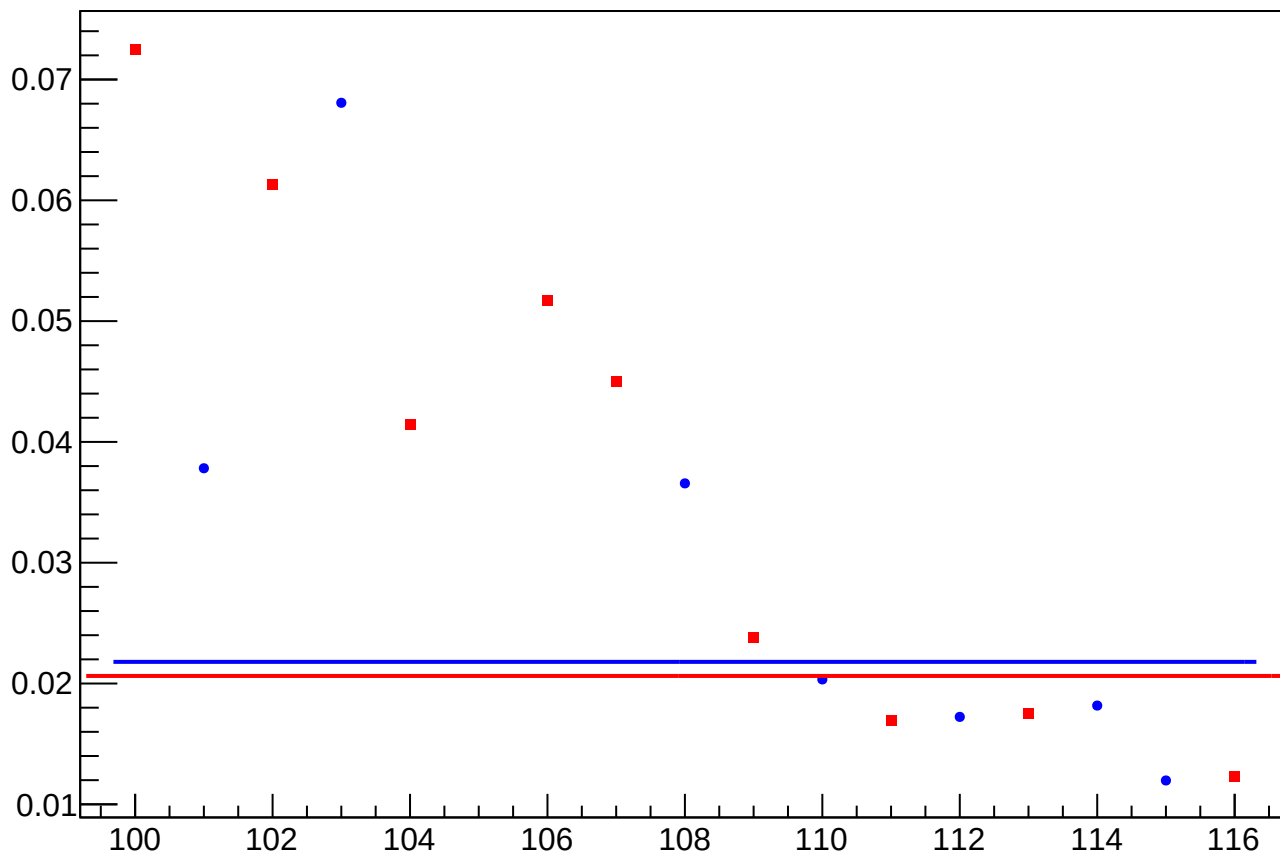
Right: -0.180+/-0.000 χ^2/NDF : 203821853.2/15

In: -0.174+/-0.000 χ^2/NDF :104378529.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.180+/-0.000 χ^2/NDF : 203821853.2/15

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 1038057.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1332678.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

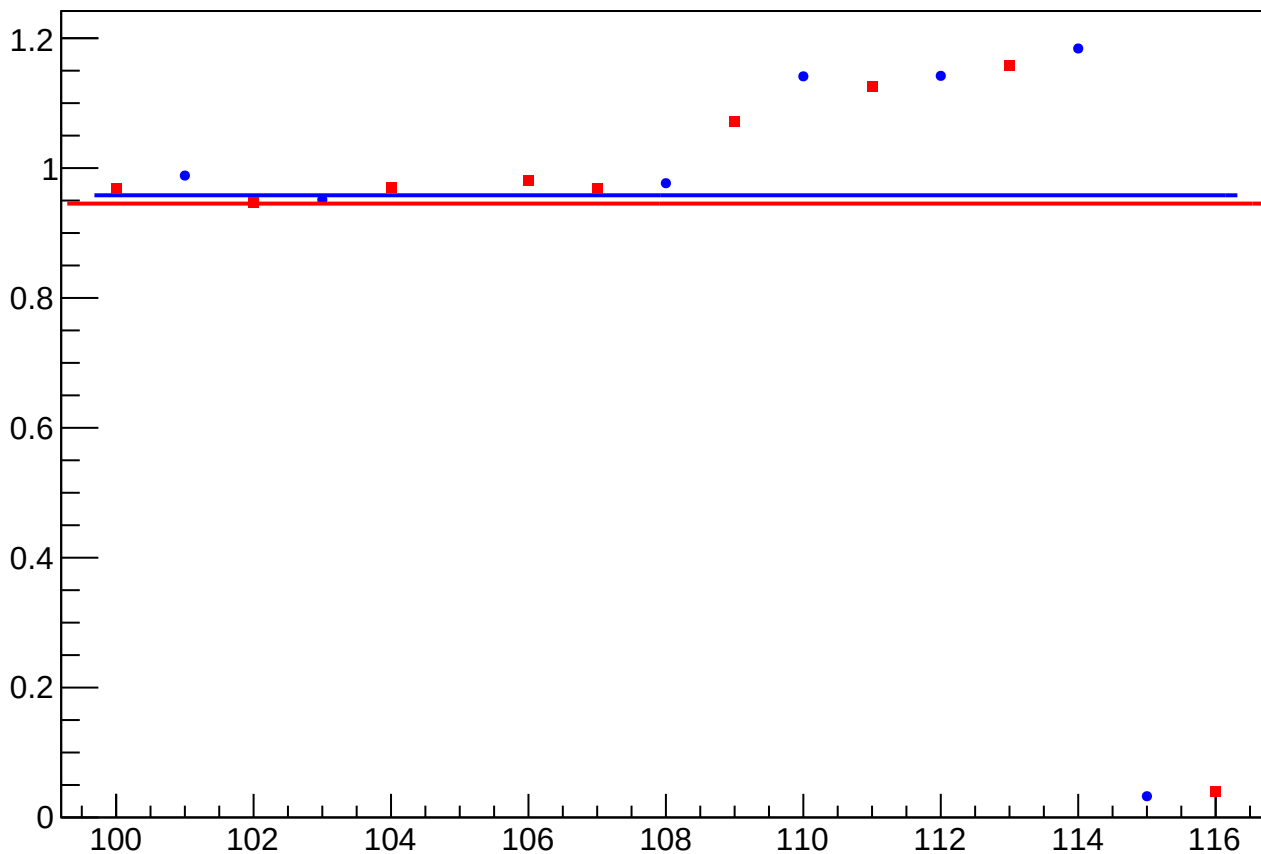
Right: 0.021+/-0.000 χ^2/NDF : 2376926.0/15

In: 0.022+/-0.000 χ^2/NDF : 1038057.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2376926.0/15

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.958+/-0.000 χ^2/NDF : 251992753.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.945+/-0.000 χ^2/NDF : 454314062.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

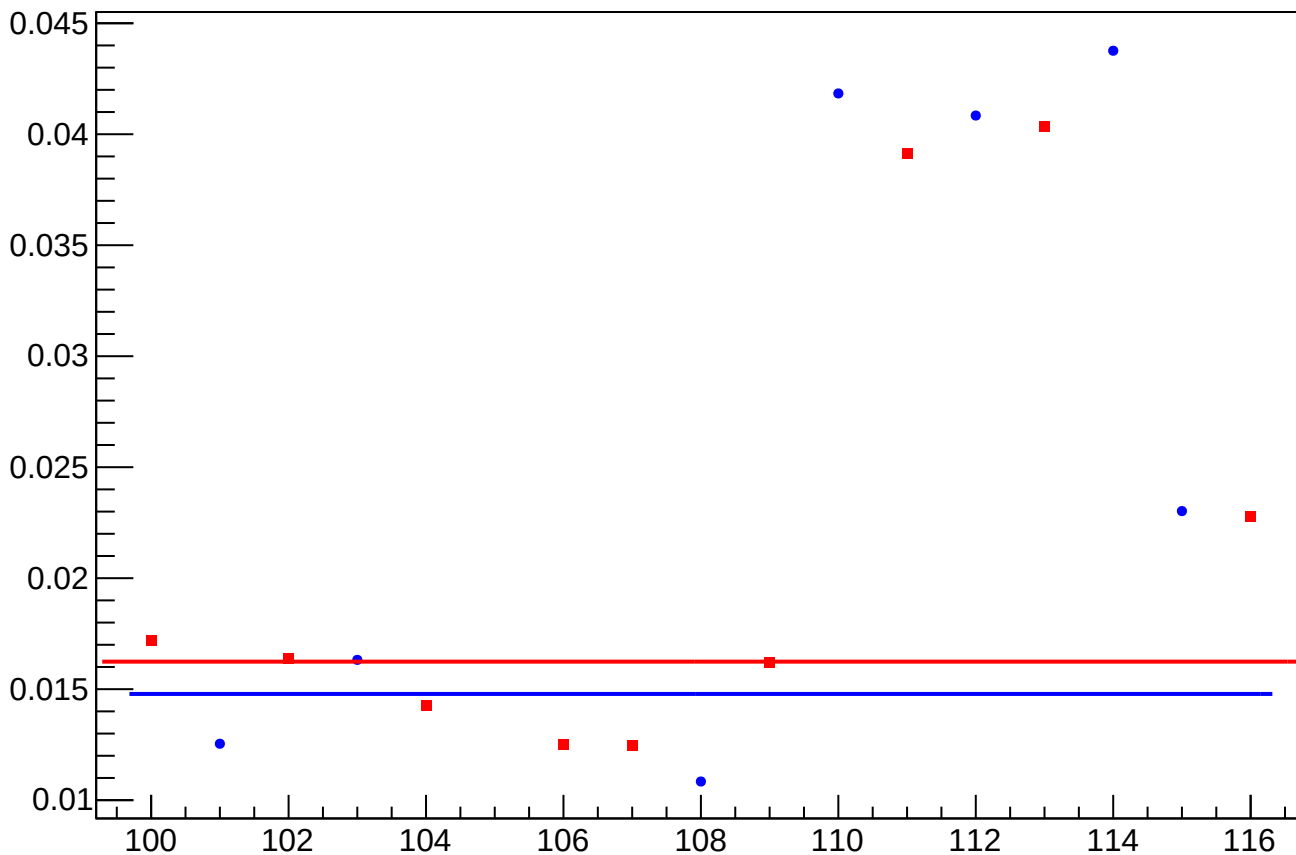
Right: 0.951+/-0.000 χ^2/NDF : 707118694.2/15

In: 0.958+/-0.000 χ^2/NDF : 251992753.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.951+/-0.000 χ^2/NDF : 707118694.2/15

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 915958.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 750917.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

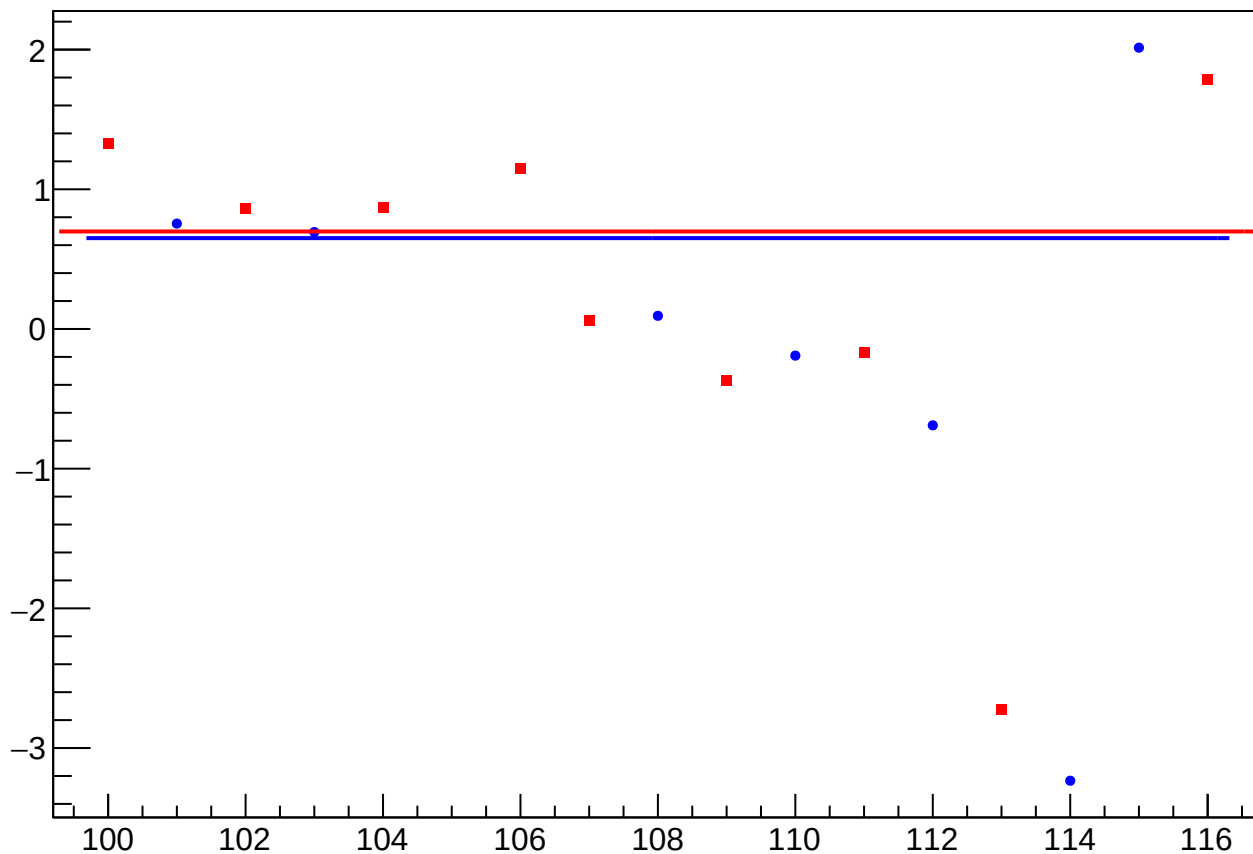
Right: 0.016+/-0.000 χ^2/NDF : 1687889.6/15

In: 0.015+/-0.000 χ^2/NDF : 915958.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1687889.6/15

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.650+/-0.000 χ^2/NDF : 299624956.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.698+/-0.000 χ^2/NDF : 964853906.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

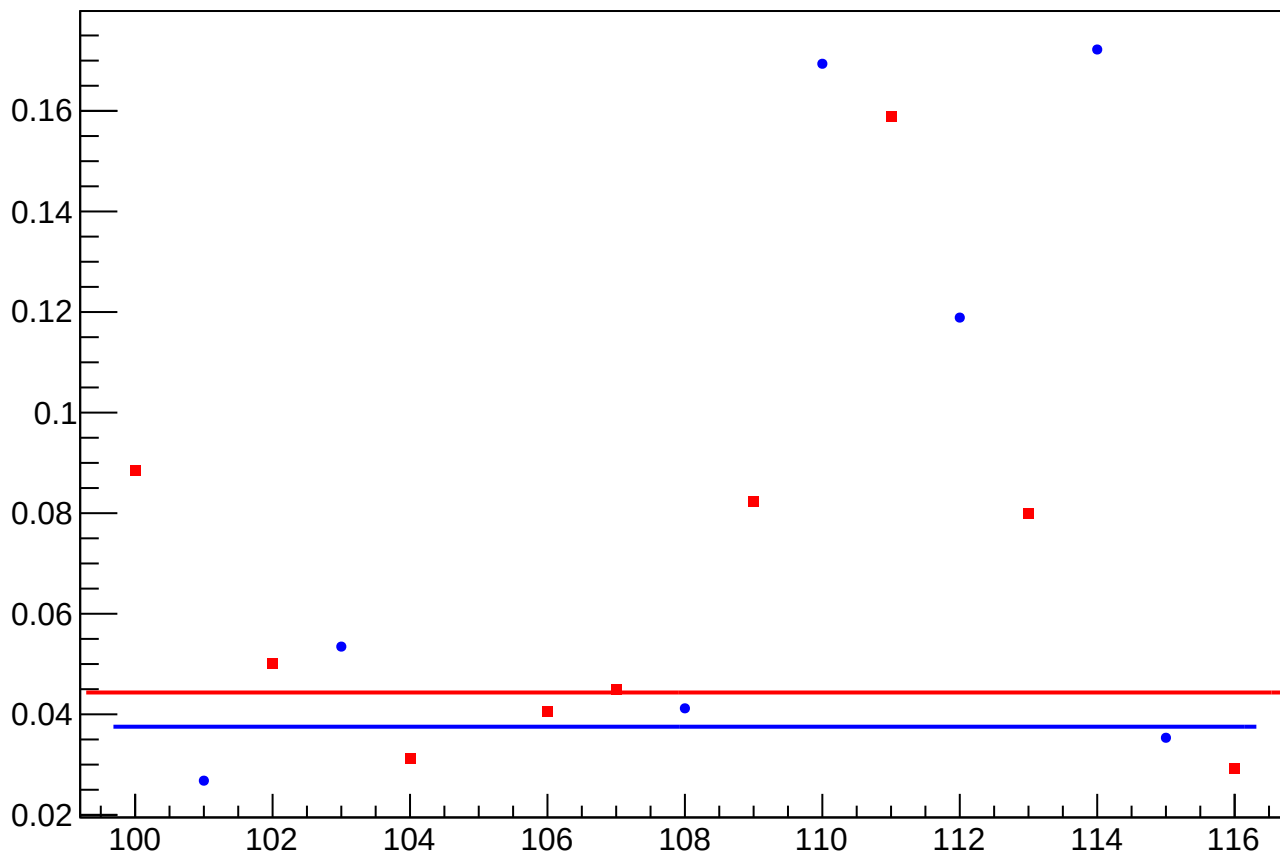
Right: 0.673+/-0.000 χ^2/NDF : 1265822781.7/15

In: 0.650+/-0.000 χ^2/NDF : 299624956.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.673+/-0.000 χ^2/NDF : 1265822781.7/15

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 1252962.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 1013341.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

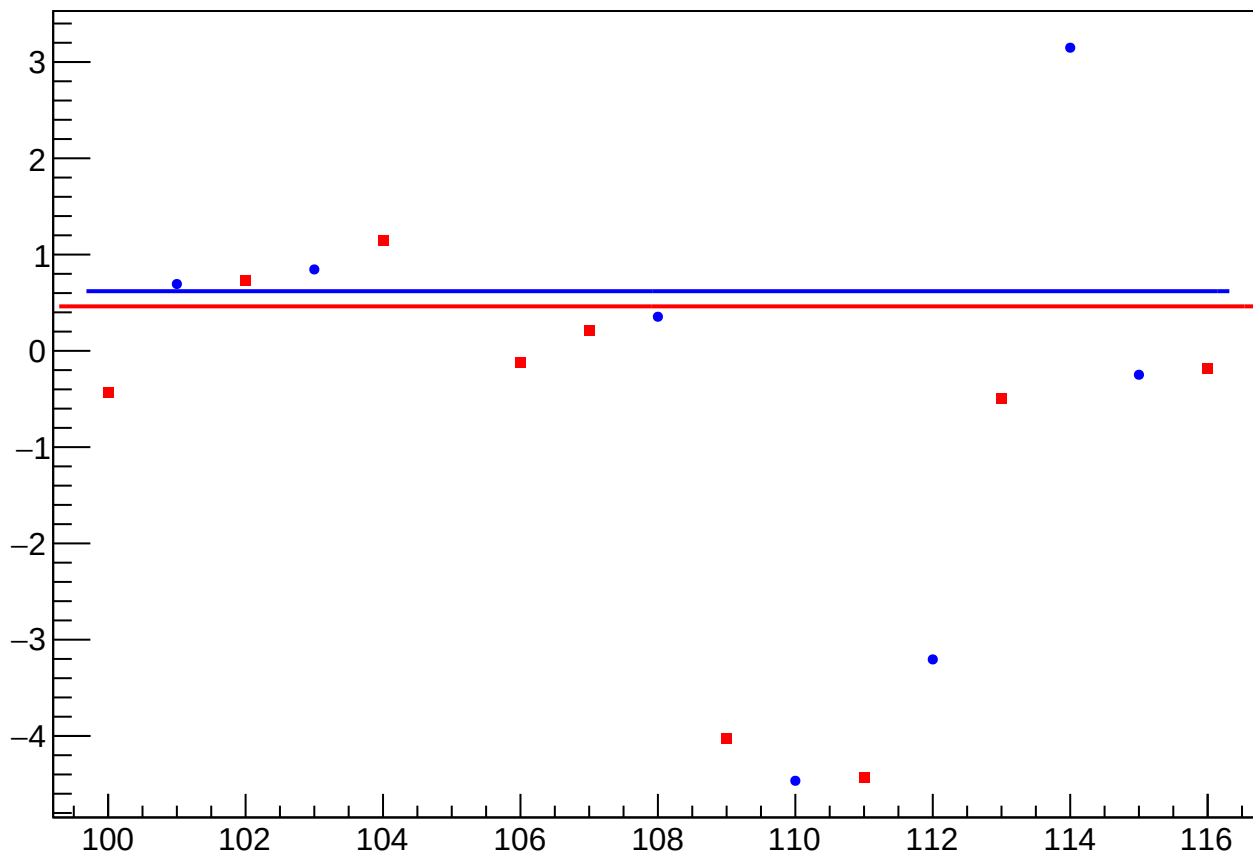
Right: 0.041+/-0.000 χ^2/NDF : 2321134.2/15

In: 0.038+/-0.000 χ^2/NDF : 1252962.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 2321134.2/15

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.620+/-0.000 χ^2/NDF : 1336434704.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.462+/-0.000 χ^2/NDF : 3695531397.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

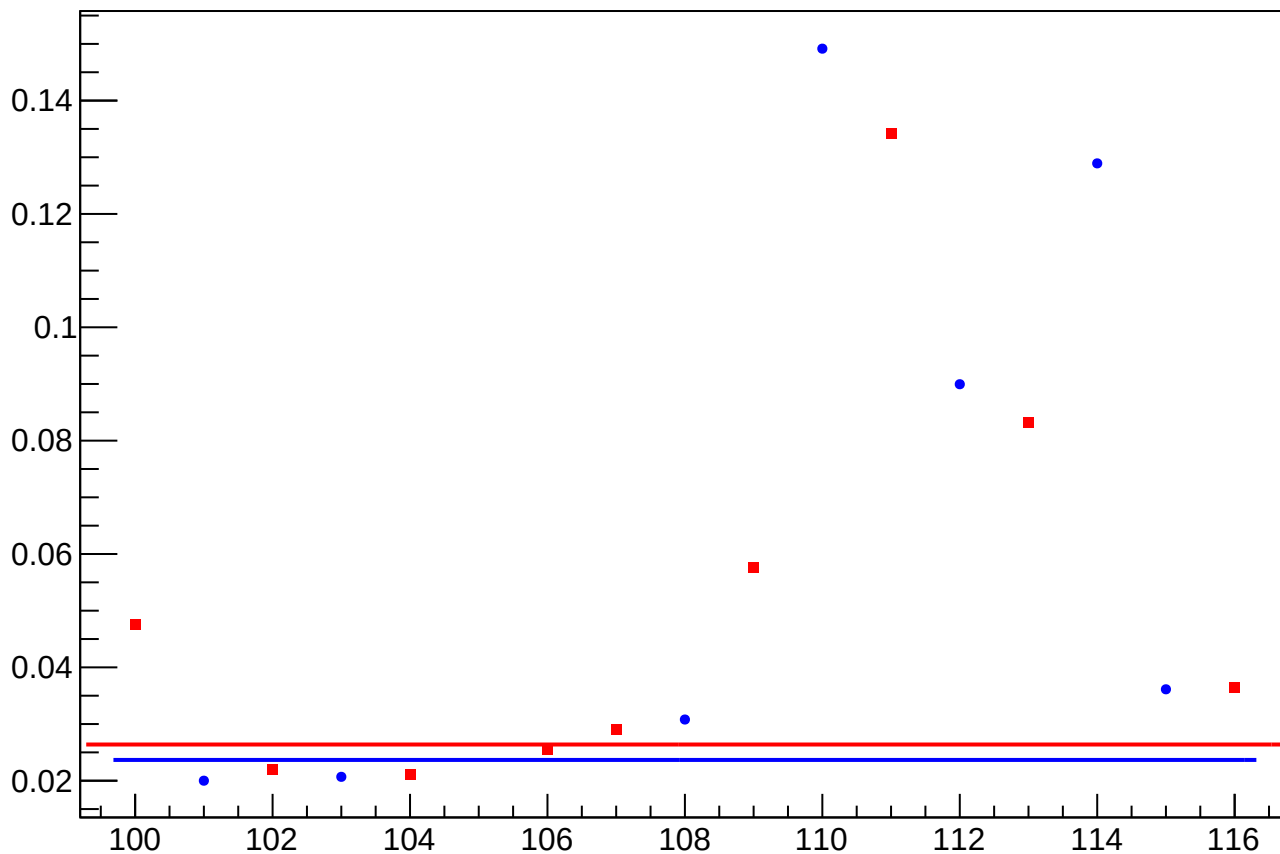
Right: 0.541+/-0.000 χ^2/NDF : 5071708678.8/15

In: 0.620+/-0.000 χ^2/NDF :1336434704.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.541+/-0.000 χ^2/NDF : 5071708678.8/15

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 1214865.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 1298030.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

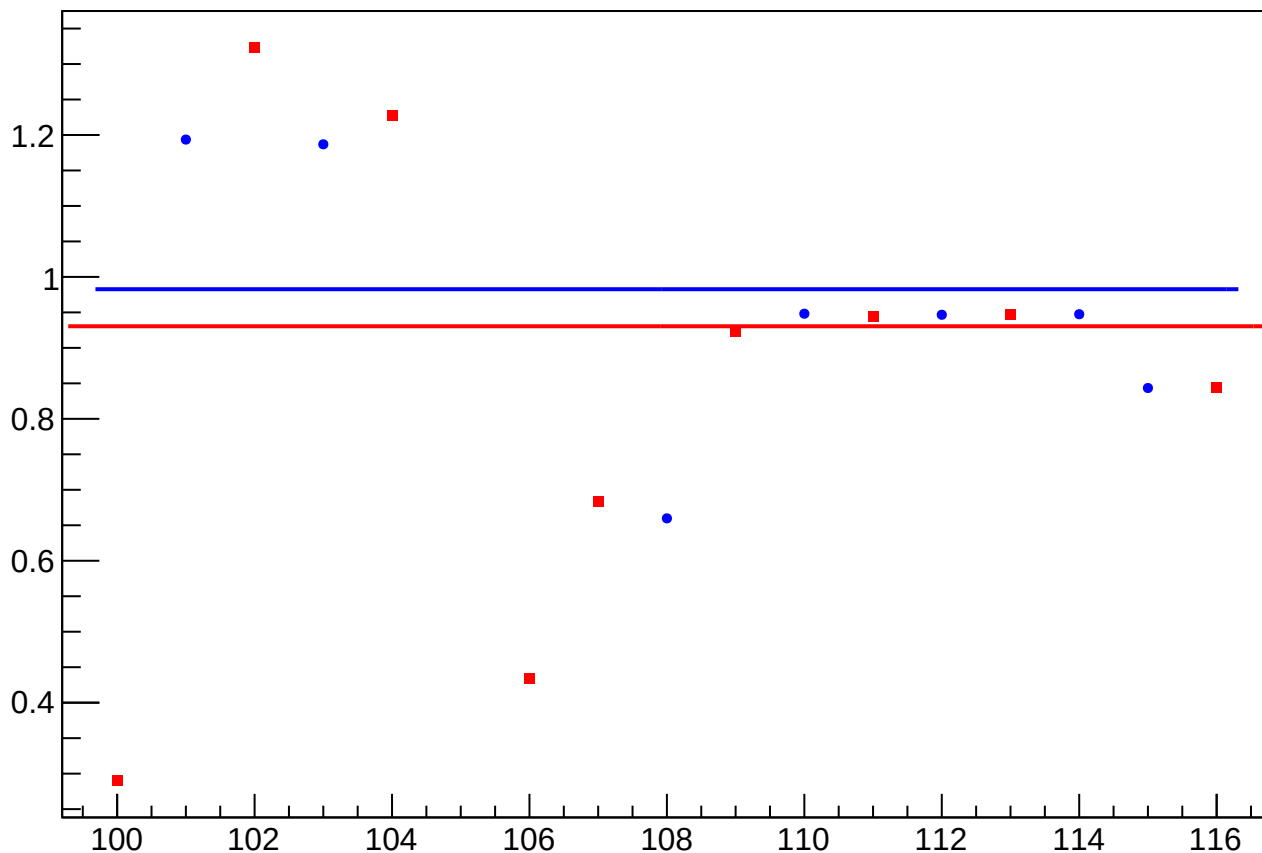
Right: 0.025+/-0.000 χ^2/NDF : 2536590.8/15

In: 0.024+/-0.000 χ^2/NDF : 1214865.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2536590.8/15

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.983+/-0.000 χ^2/NDF : 232720227.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.930+/-0.000 χ^2/NDF : 451534784.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

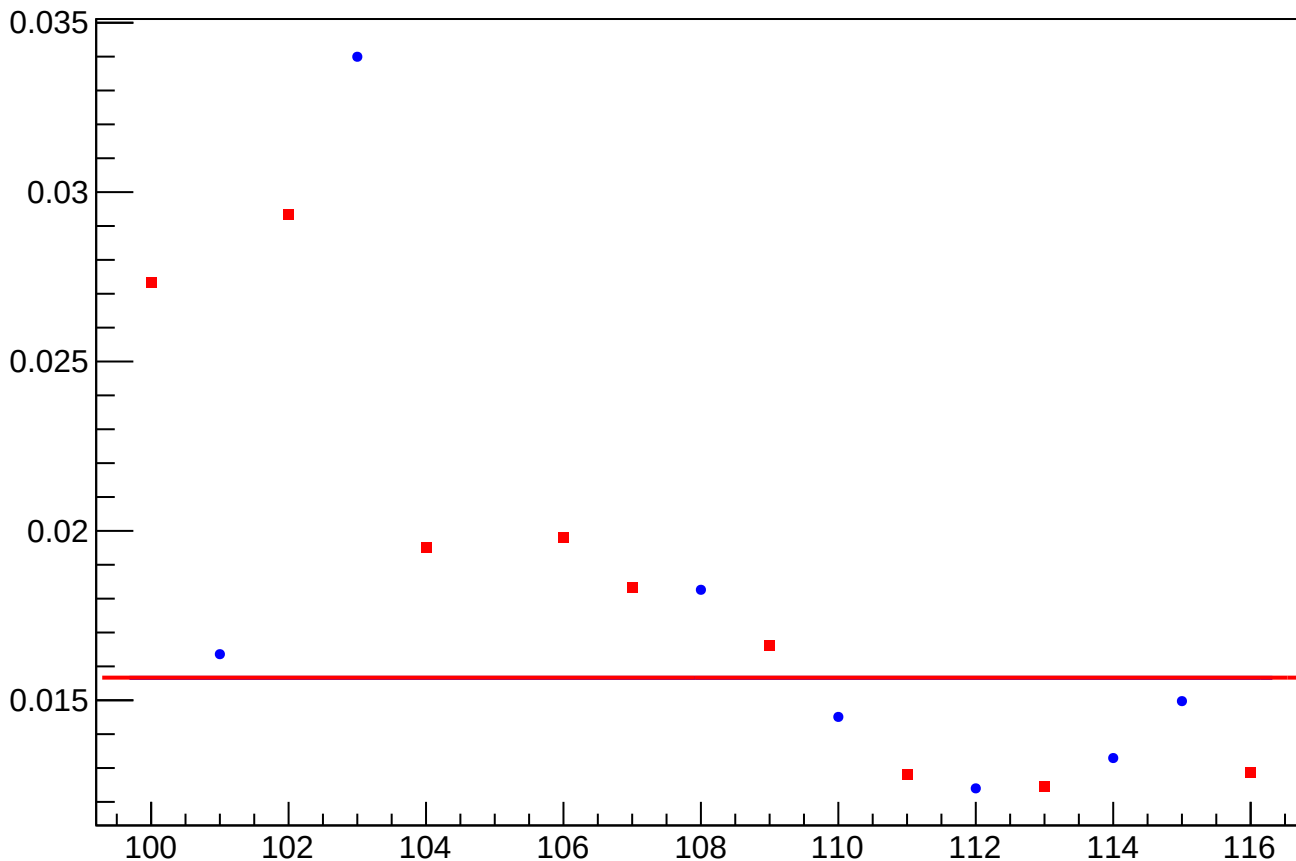
Right: 0.954+/-0.000 χ^2/NDF : 698106530.1/15

In: 0.983+/-0.000 χ^2/NDF : 232720227.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.954+/-0.000 χ^2/NDF : 698106530.1/15

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 416548.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 455429.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

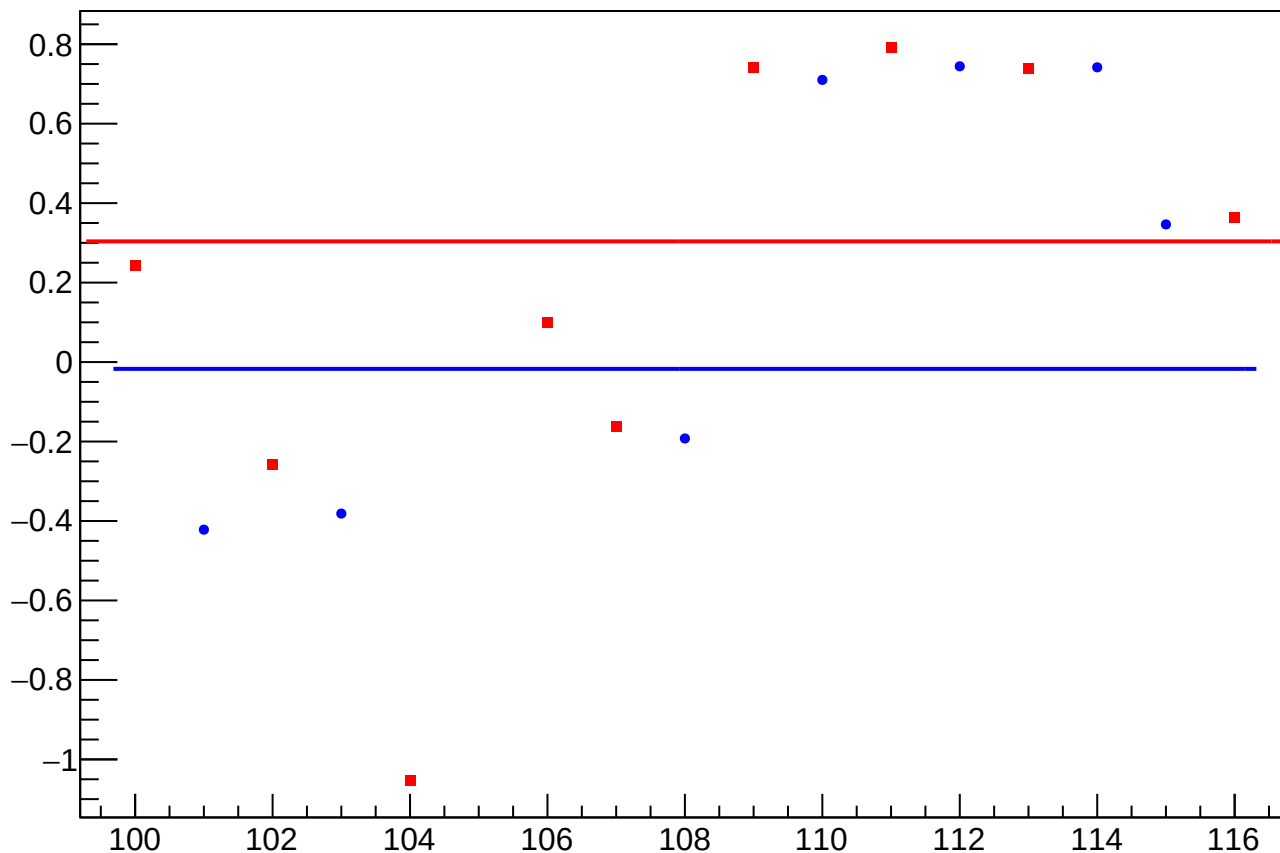
Right: 0.016+/-0.000 χ^2/NDF : 871978.5/15

In: 0.016+/-0.000 χ^2/NDF : 416548.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 871978.5/15

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.000 χ^2/NDF : 1814189247.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.304+/-0.000 χ^2/NDF : 5912547729.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

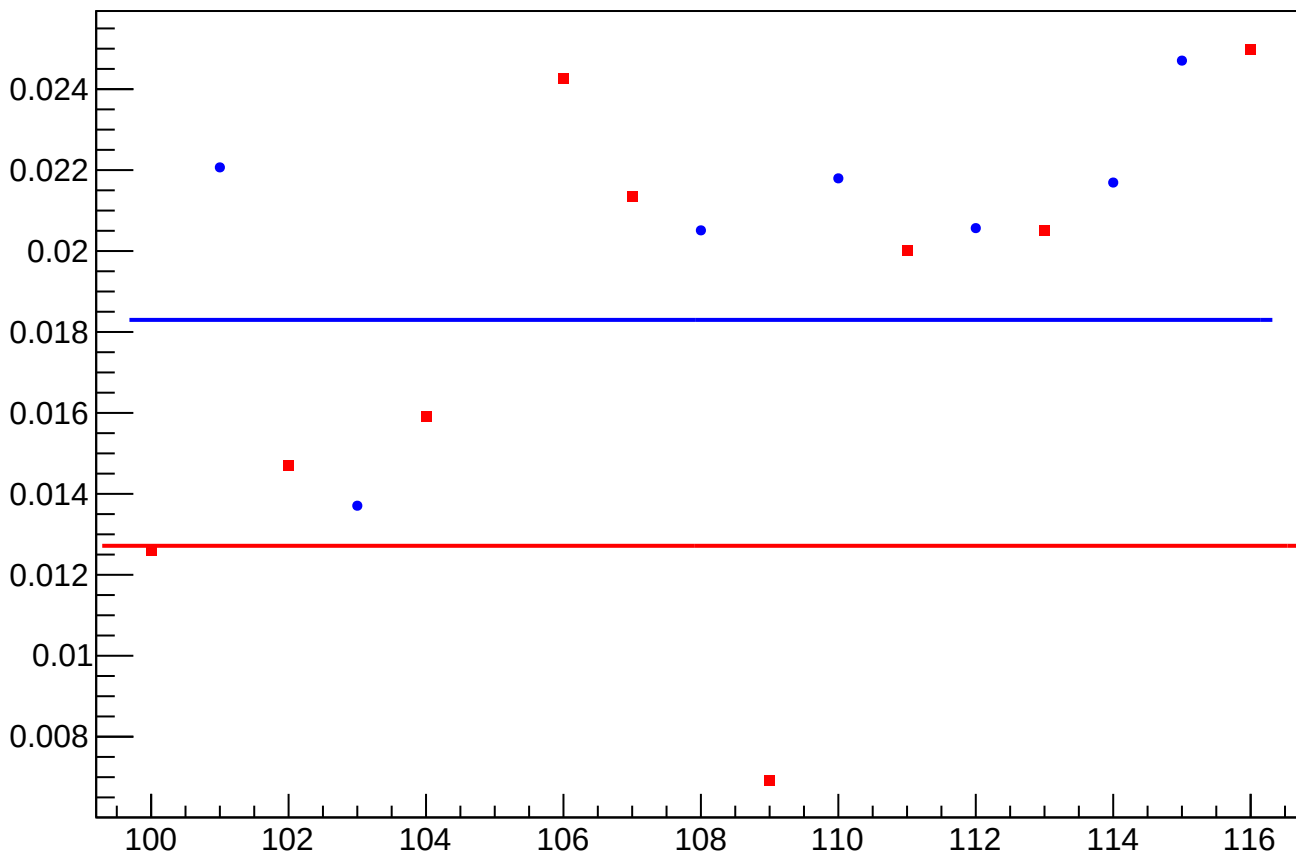
Right: 0.202+/-0.000 χ^2/NDF : 8225732481.6/15

In: -0.017+/-0.000 χ^2/NDF :1814189247.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.202+/-0.000 χ^2/NDF : 8225732481.6/15

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 217433.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1077843.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

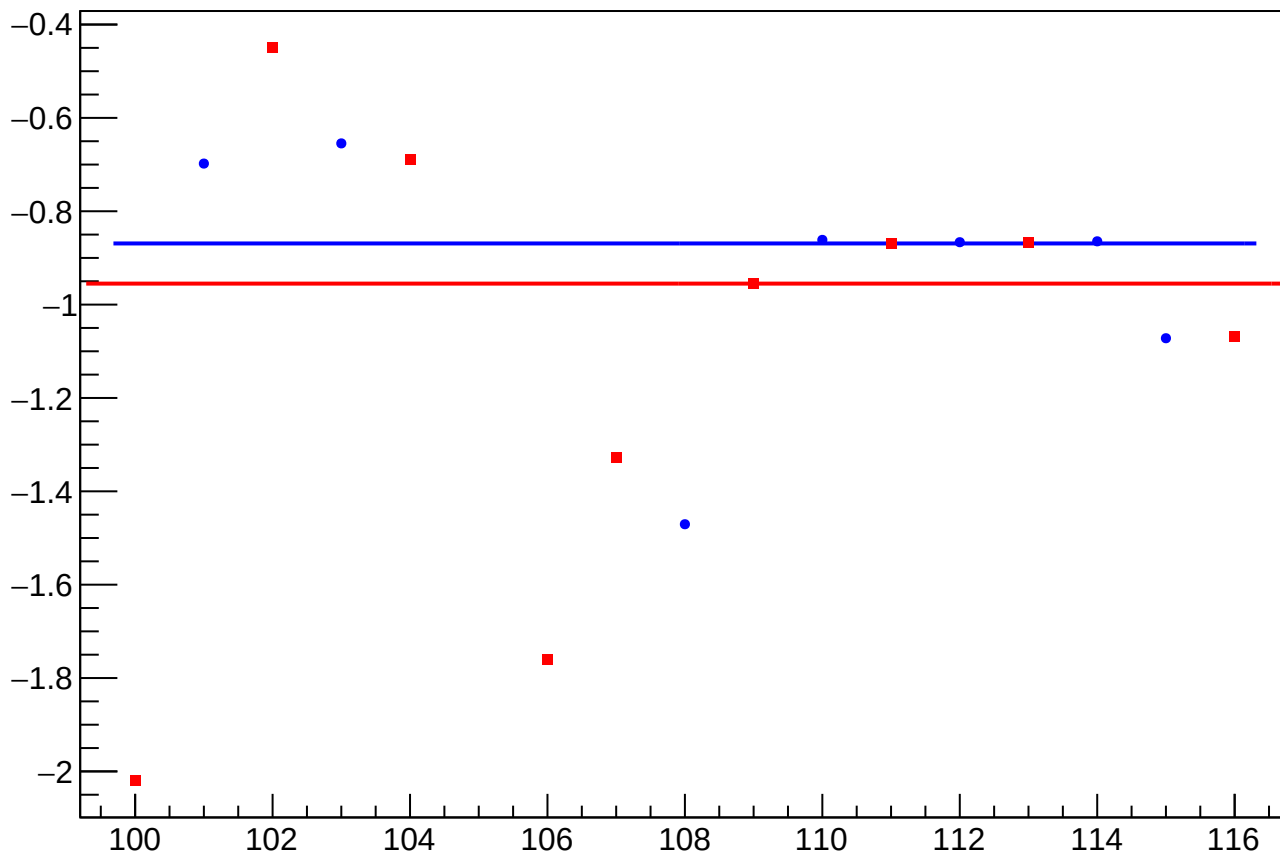
Right: 0.014+/-0.000 χ^2/NDF : 1597343.7/15

In: 0.018+/-0.000 χ^2/NDF :217433.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1597343.7/15

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.869+/-0.000 χ^2/NDF : 93393743.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.955+/-0.000 χ^2/NDF : 226759991.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

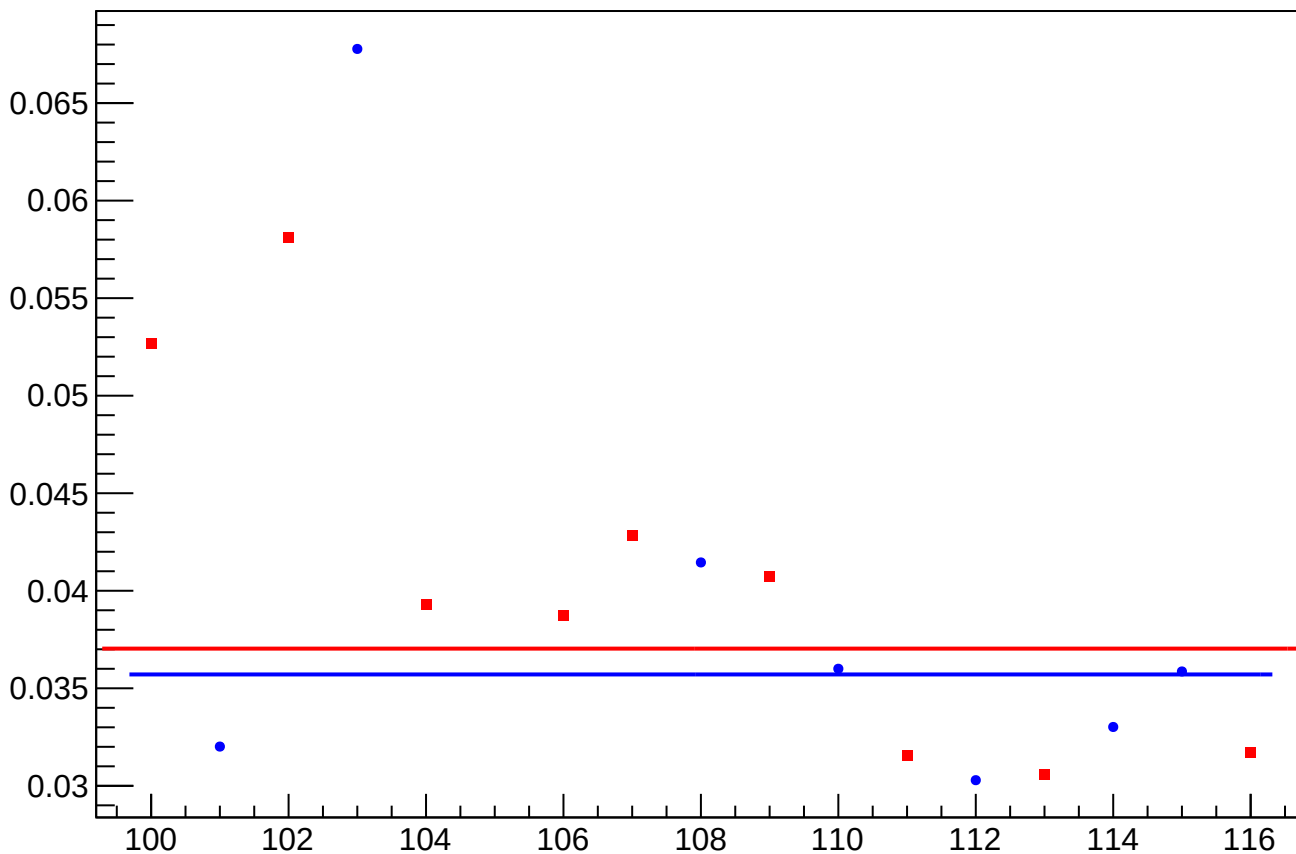
Right: -0.915+/-0.000 χ^2/NDF : 327296217.5/15

In: -0.869+/-0.000 χ^2/NDF :93393743.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.915+/-0.000 χ^2/NDF : 327296217.5/15

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 306300.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.037+/-0.000 χ^2/NDF : 250003.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

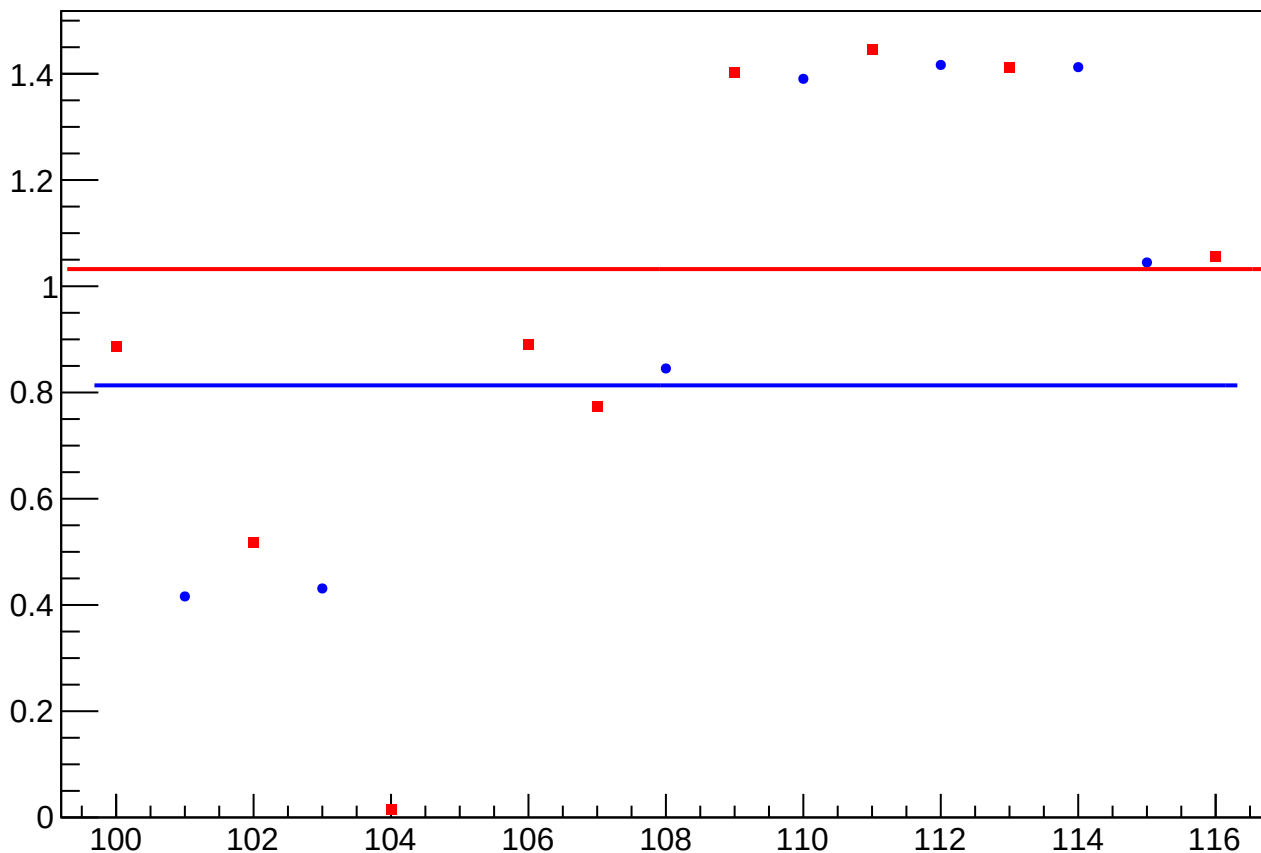
Right: 0.036+/-0.000 χ^2/NDF : 559687.3/15

In: 0.036+/-0.000 χ^2/NDF : 306300.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 559687.3/15

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.813+/-0.000 χ^2/NDF : 2875552020.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.032+/-0.000 χ^2/NDF : 6754963375.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

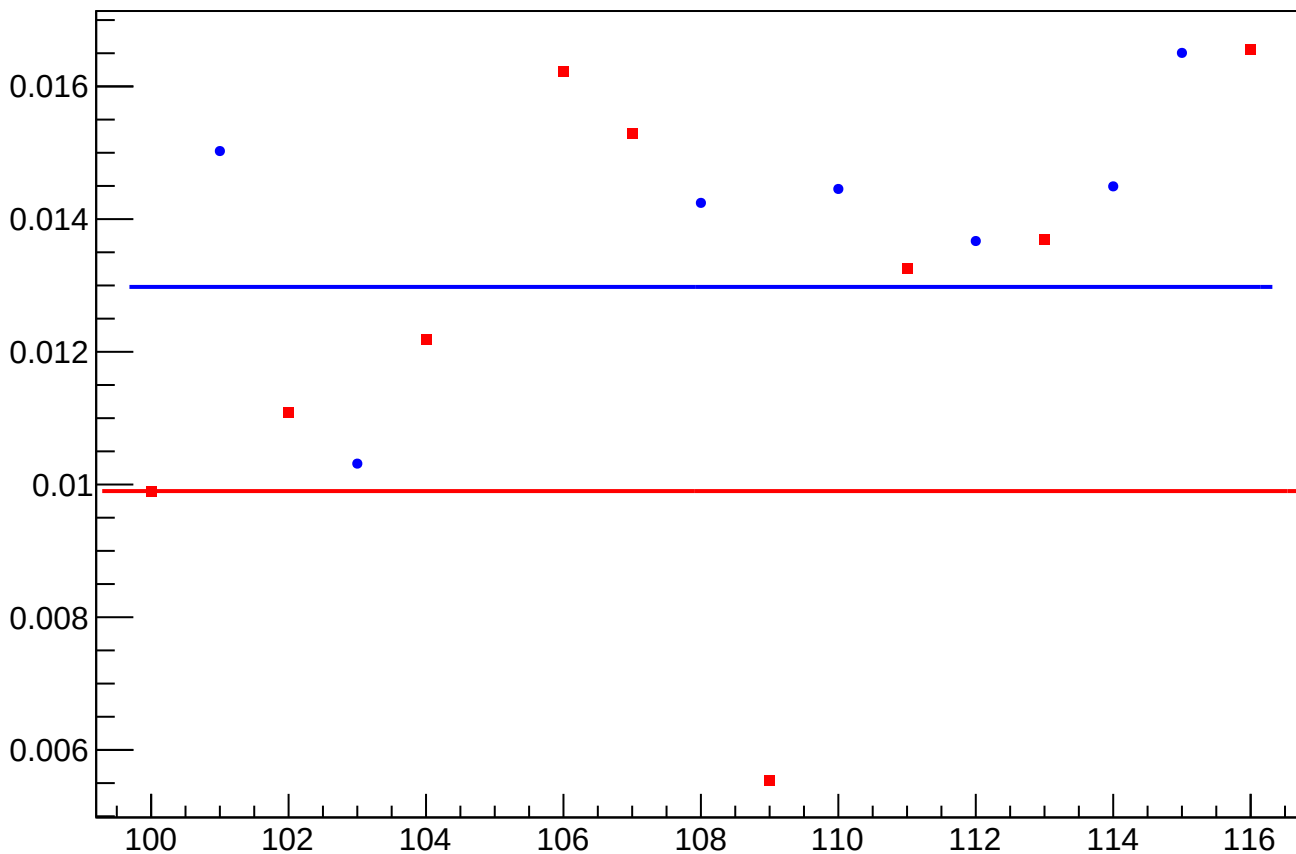
Right: 0.956+/-0.000 χ^2/NDF : 10077610860.1/15

In: 0.813+/-0.000 χ^2/NDF : 2875552020.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.956+/-0.000 χ^2/NDF : 10077610860.1/15

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 124061.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 786792.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

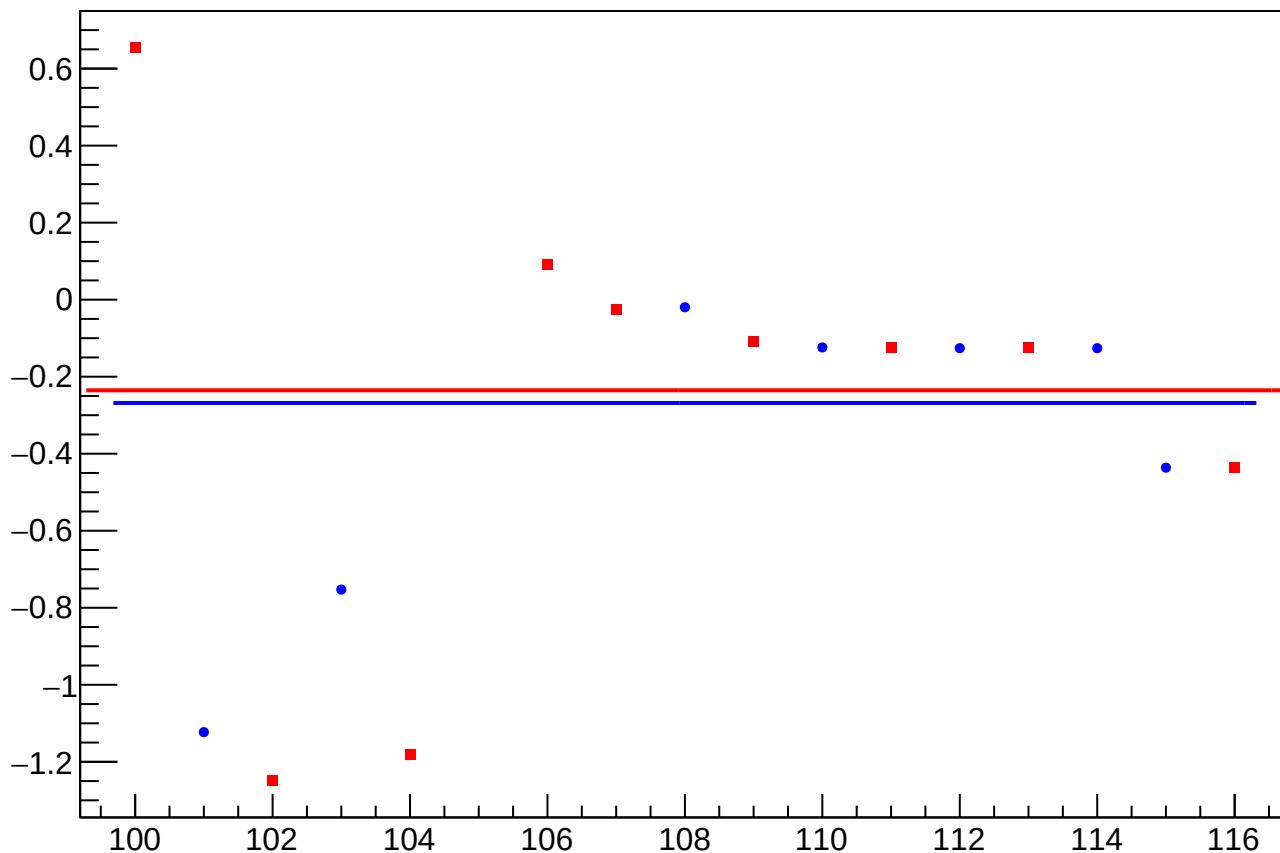
Right: 0.011+/-0.000 χ^2/NDF : 1087531.7/15

In: 0.013+/-0.000 χ^2/NDF : 124061.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1087531.7/15

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.268+/-0.000 χ^2/NDF : 562046546.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.235+/-0.000 χ^2/NDF : 575670077.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

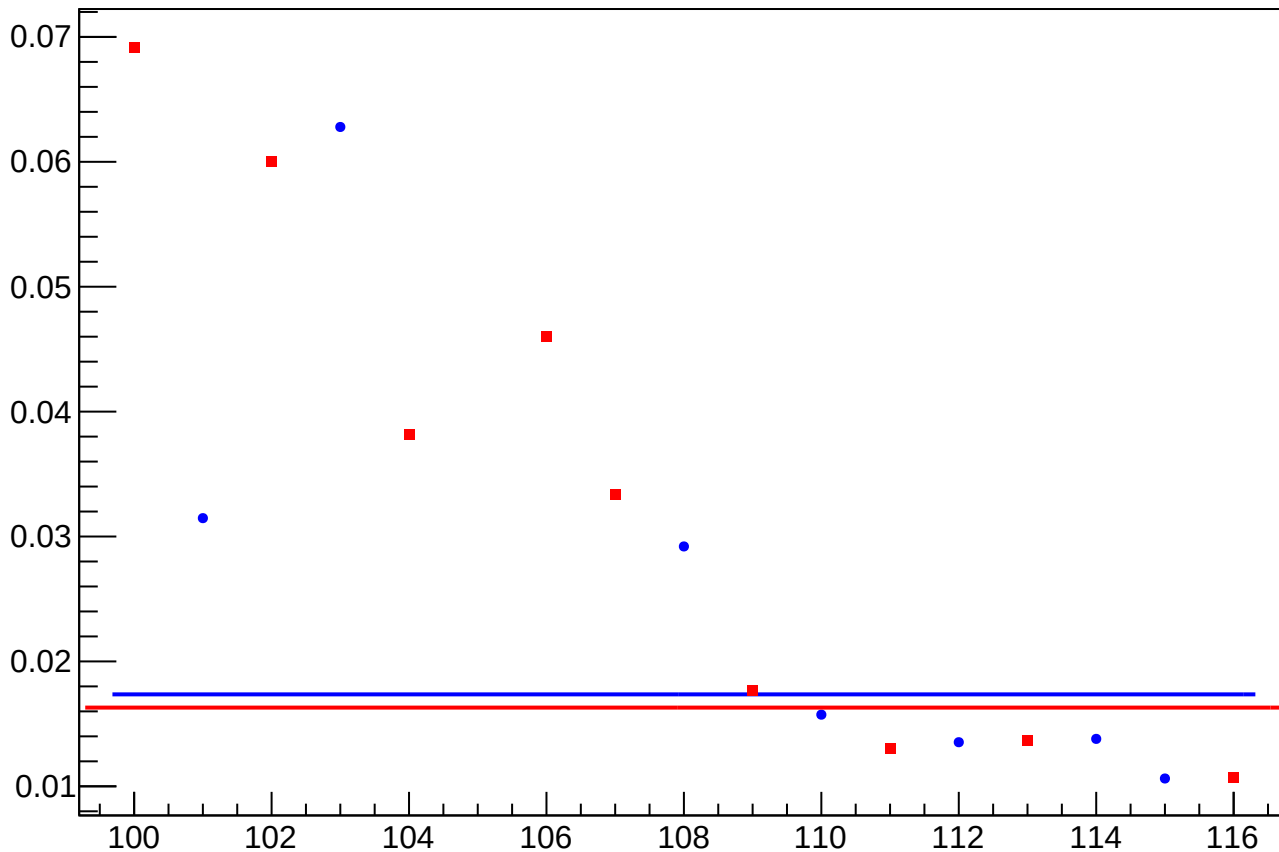
Right: -0.249+/-0.000 χ^2/NDF : 1141420789.2/15

In: -0.268+/-0.000 χ^2/NDF : 562046546.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.249+/-0.000 χ^2/NDF : 1141420789.2/15

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 1053059.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1426676.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

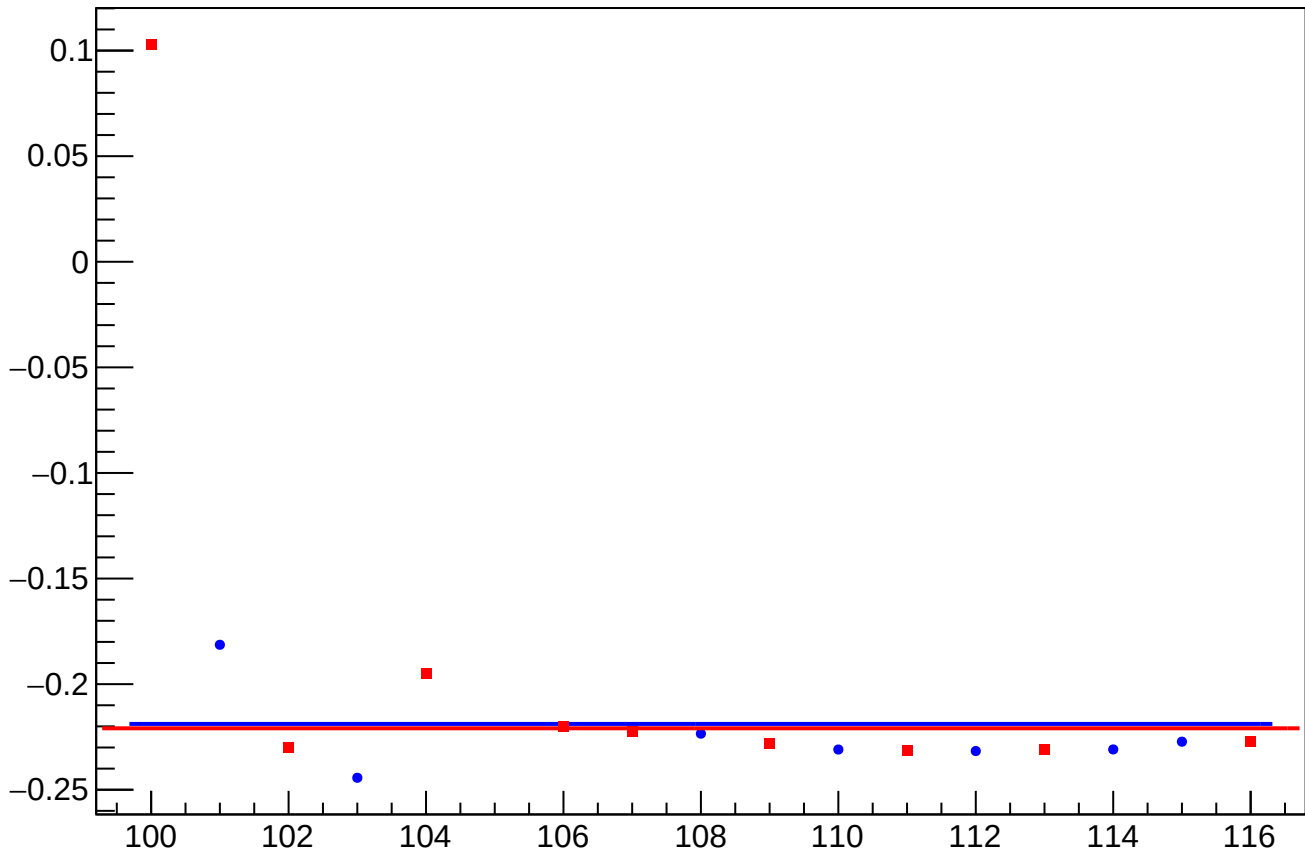
Right: 0.017+/-0.000 χ^2/NDF : 2487393.5/15

In: 0.017+/-0.000 χ^2/NDF : 1053059.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 2487393.5/15

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.219+/-0.000 χ^2/NDF : 48844868.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.221+/-0.000 χ^2/NDF : 156067855.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

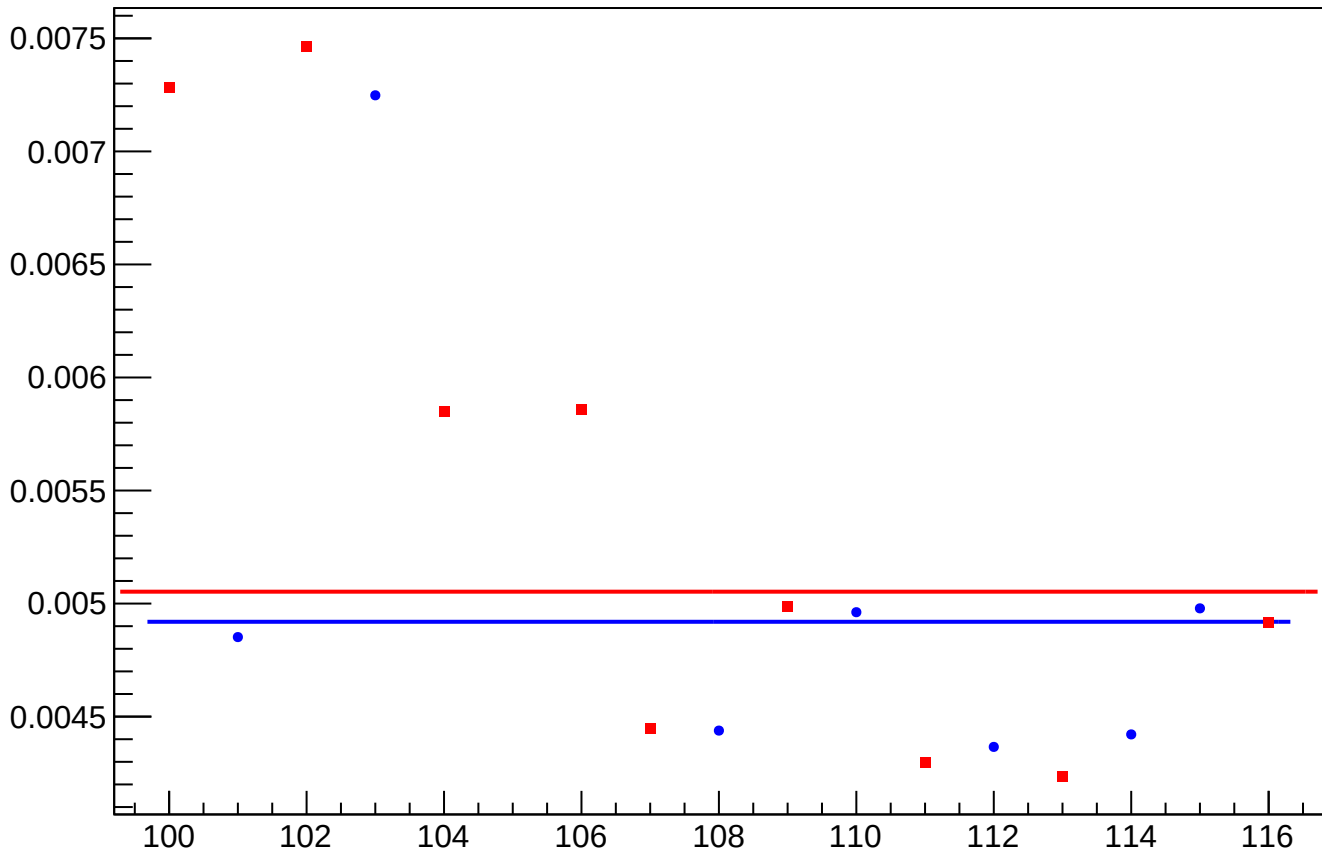
Right: -0.220+/-0.000 χ^2/NDF : 205147391.4/15

In: -0.219+/-0.000 χ^2/NDF :48844868.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.220+/-0.000 χ^2/NDF : 205147391.4/15

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 141343.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 232027.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

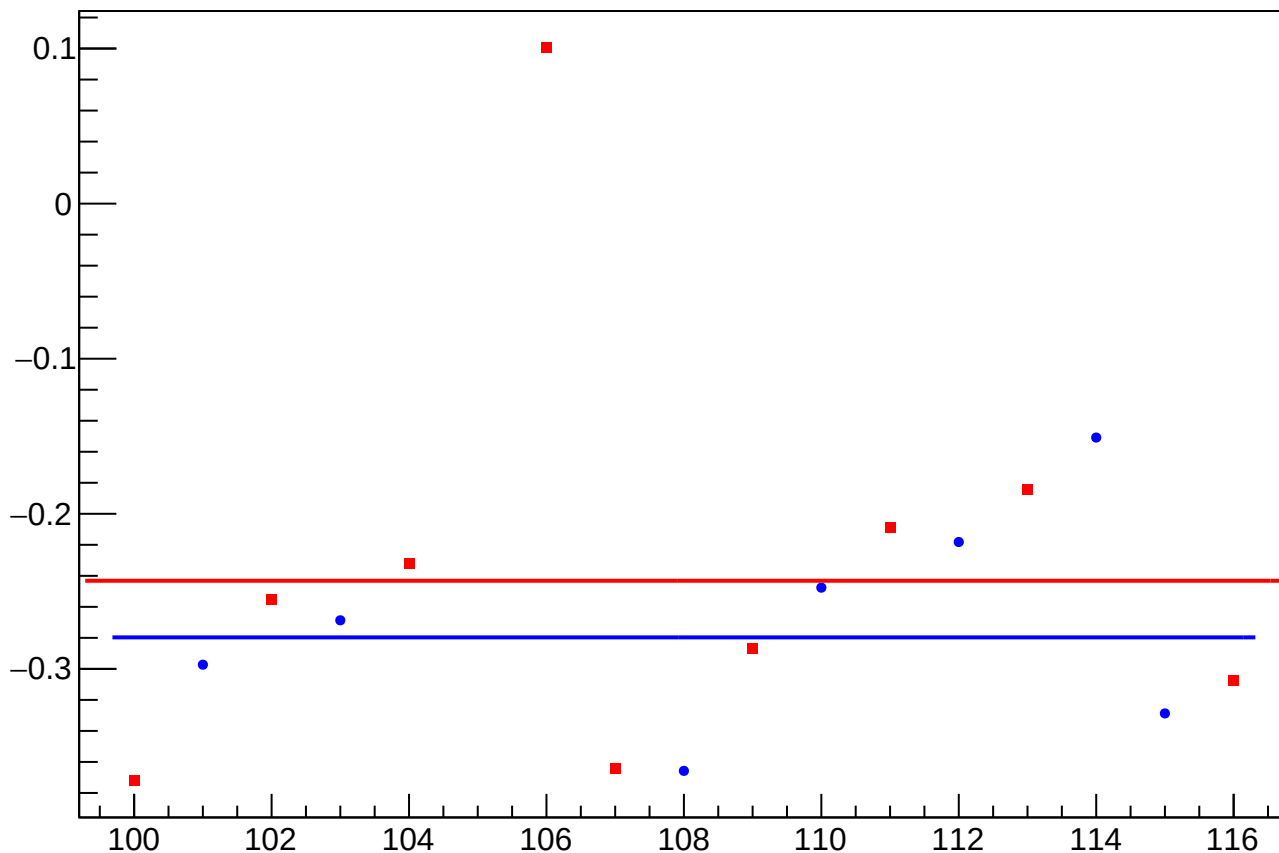
Right: 0.005+/-0.000 χ^2/NDF : 375301.6/15

In: 0.005+/-0.000 χ^2/NDF :141343.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 375301.6/15

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.280+/-0.000 χ^2/NDF : 176355948.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.243+/-0.000 χ^2/NDF : 586023531.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

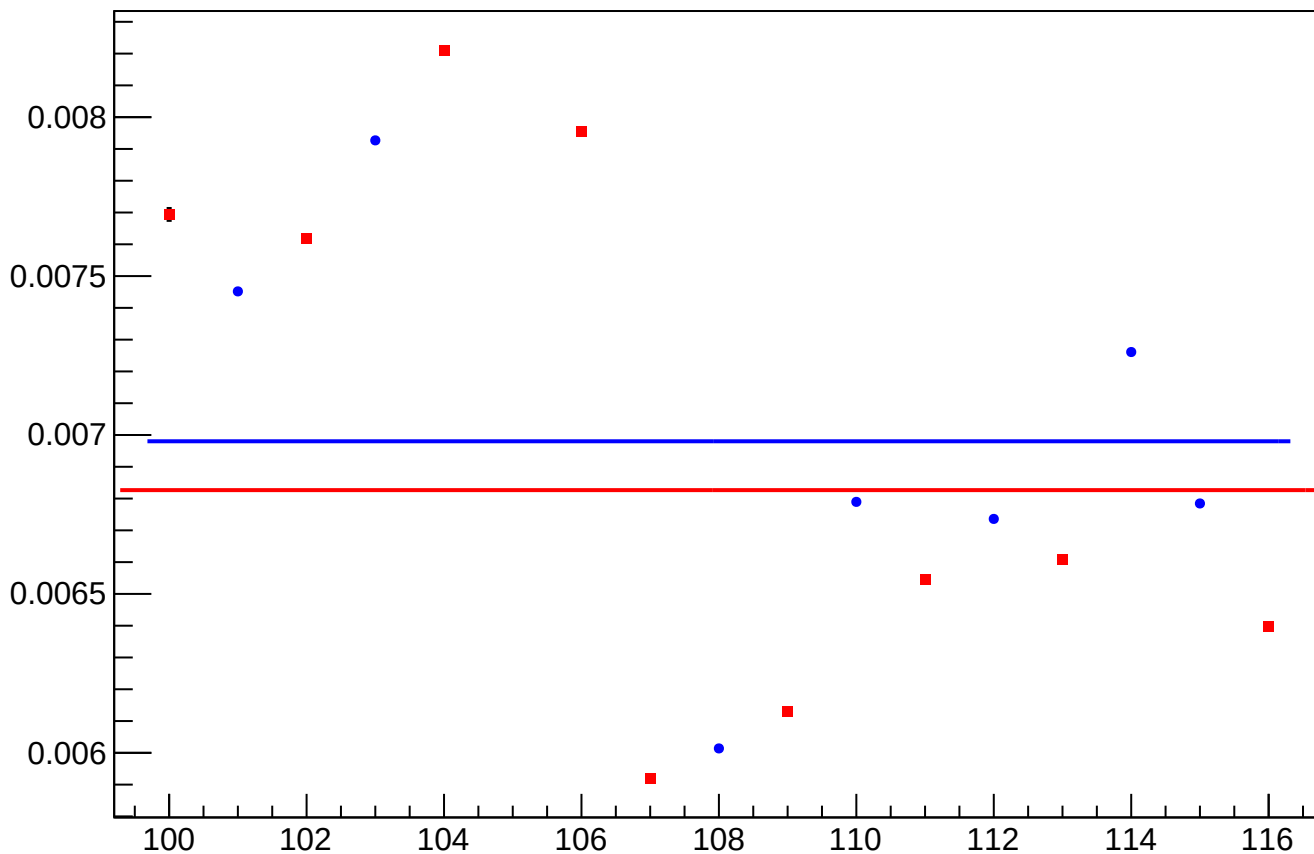
Right: -0.259+/-0.000 χ^2/NDF : 803951061.0/15

In: -0.280+/-0.000 χ^2/NDF :176355948.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.259+/-0.000 χ^2/NDF : 803951061.0/15

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 44785.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 82092.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

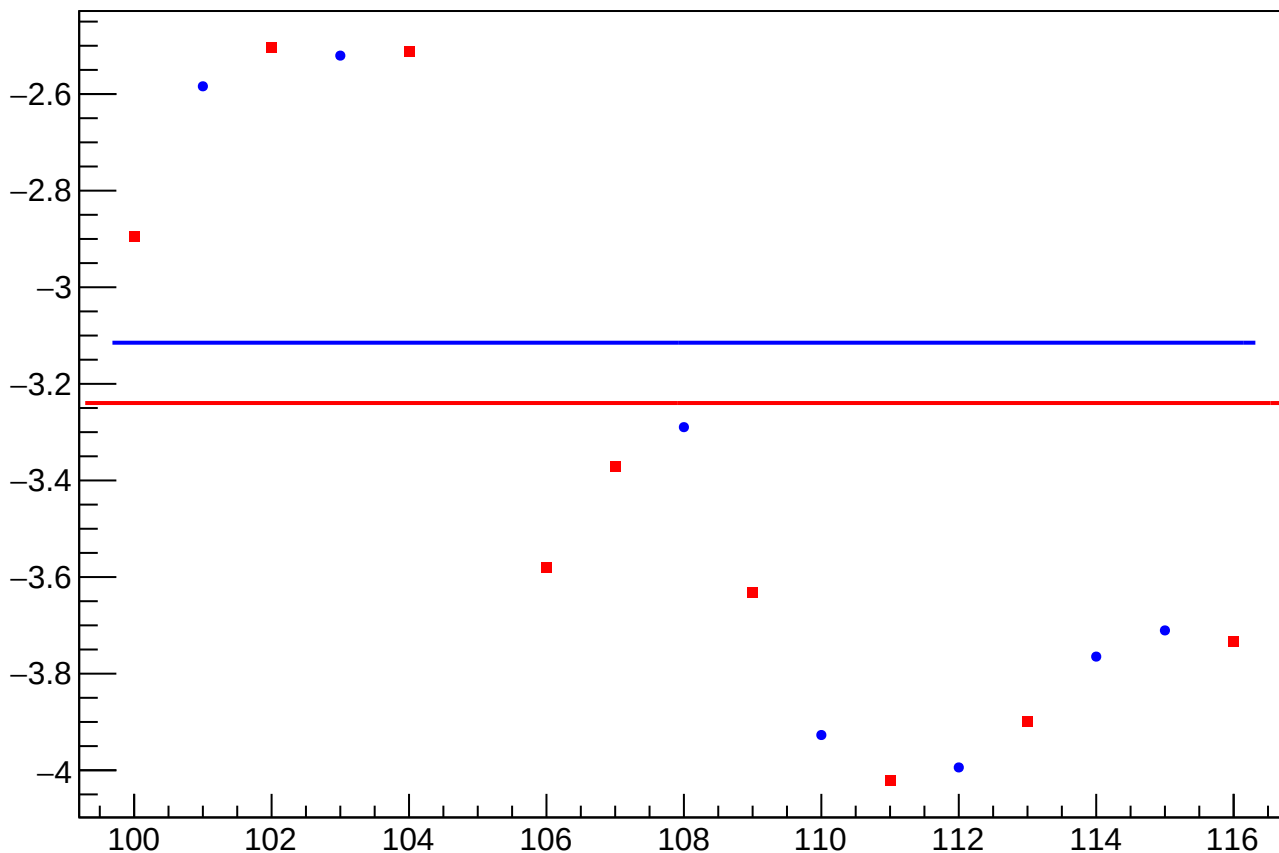
Right: 0.007+/-0.000 χ^2/NDF : 128350.5/15

In: 0.007+/-0.000 χ^2/NDF : 44785.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 128350.5/15

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.115+/-0.000 χ^2/NDF : 18168885703.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.240+/-0.000 χ^2/NDF : 21048478266.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

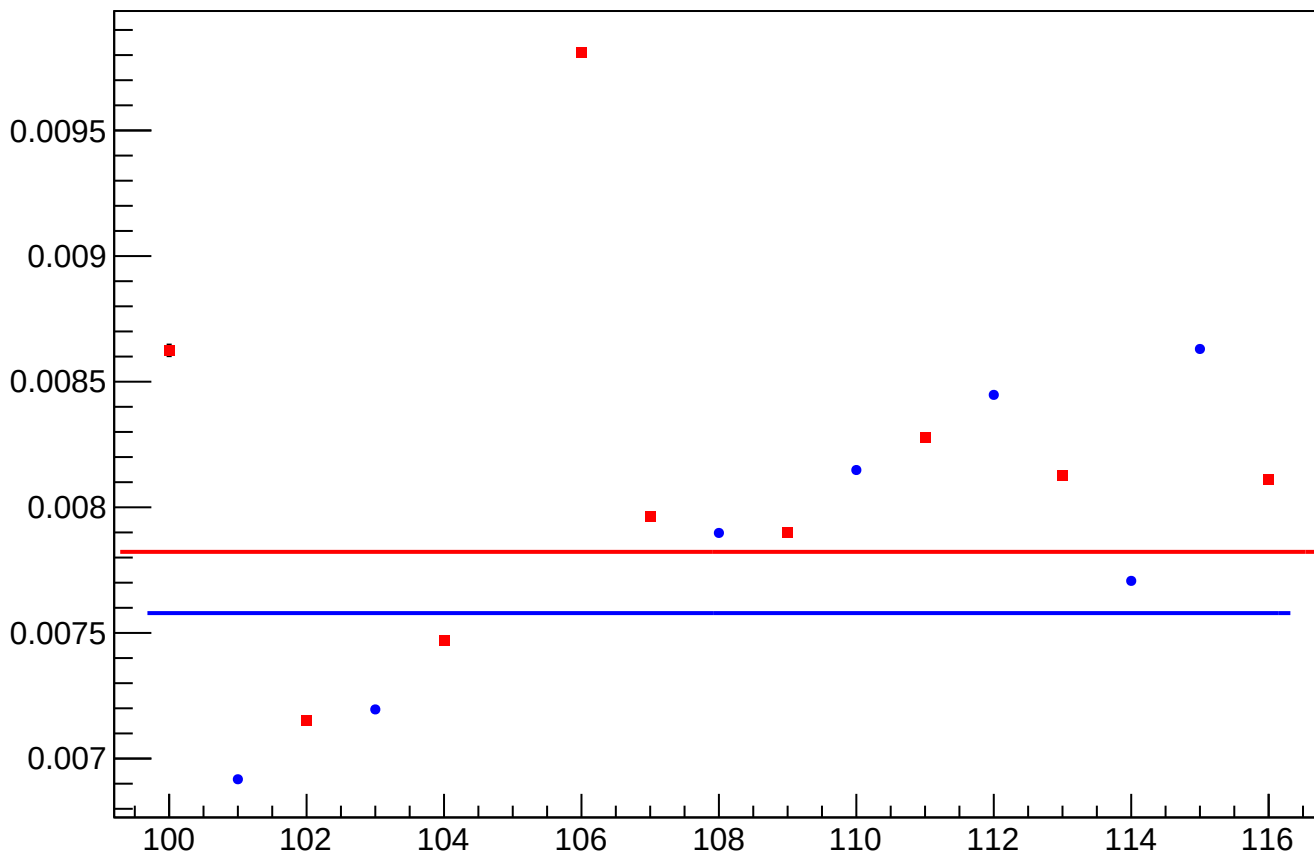
Right: -3.181+/-0.000 χ^2/NDF : 39605687495.4/15

In: -3.115+/-0.000 χ^2/NDF : 18168885703.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.181+/-0.000 χ^2/NDF : 39605687495.4/15

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 34073.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 32517.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

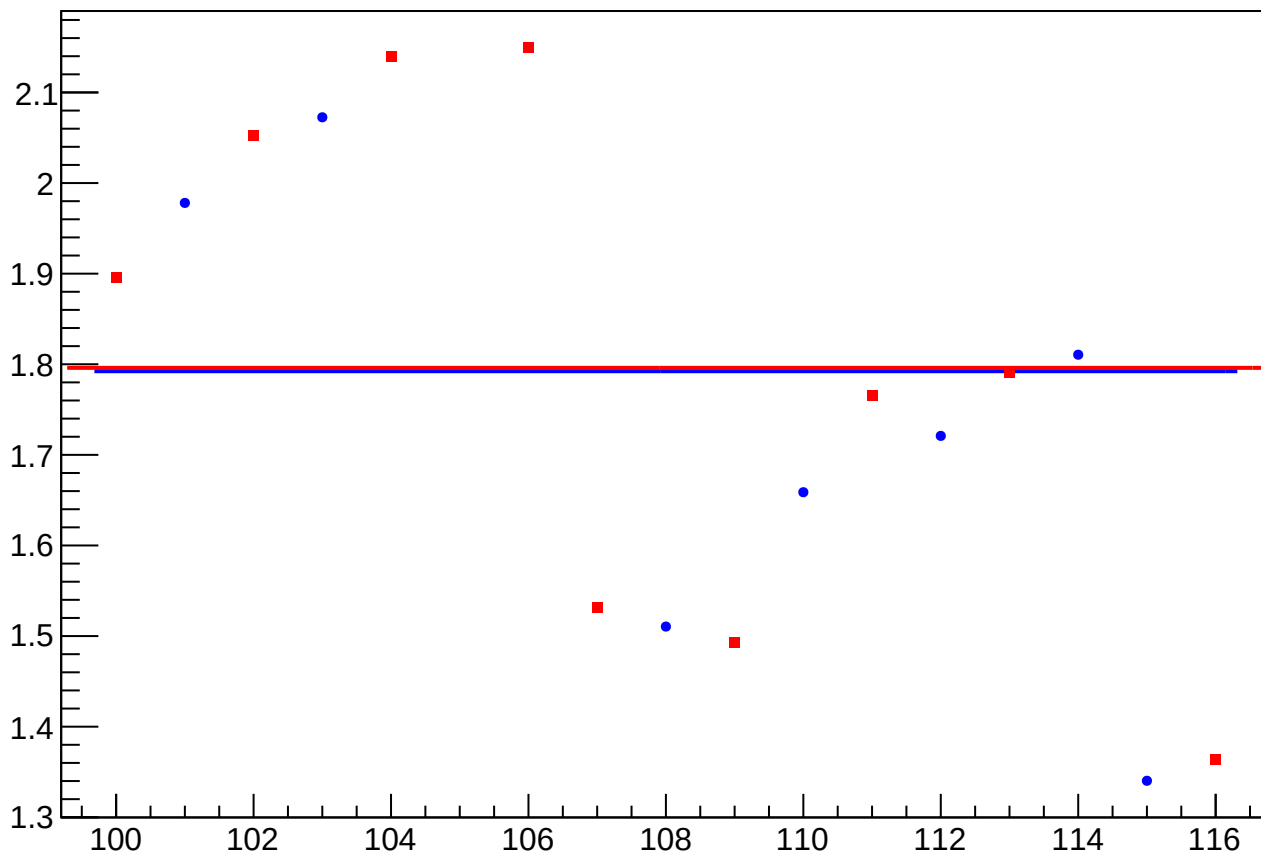
Right: 0.008+/-0.000 χ^2/NDF : 69549.3/15

In: 0.008+/-0.000 χ^2/NDF : 34073.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 69549.3/15

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.792+/-0.000 χ^2/NDF : 842012006.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.796+/-0.000 χ^2/NDF : 1453251703.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

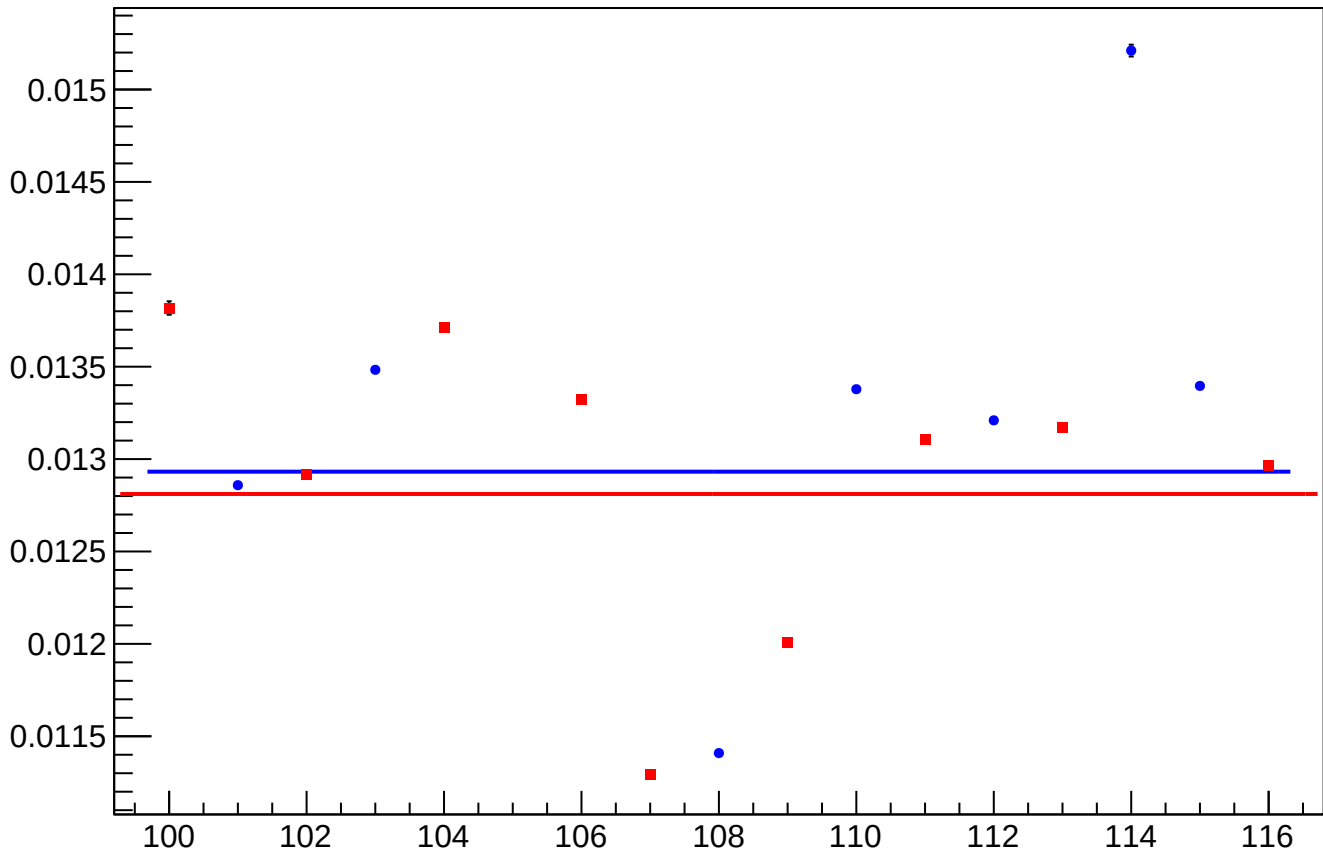
Right: 1.794+/-0.000 χ^2/NDF : 2295386753.5/15

In: 1.792+/-0.000 χ^2/NDF :842012006.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.794+/-0.000 χ^2/NDF : 2295386753.5/15

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 22630.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 20274.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

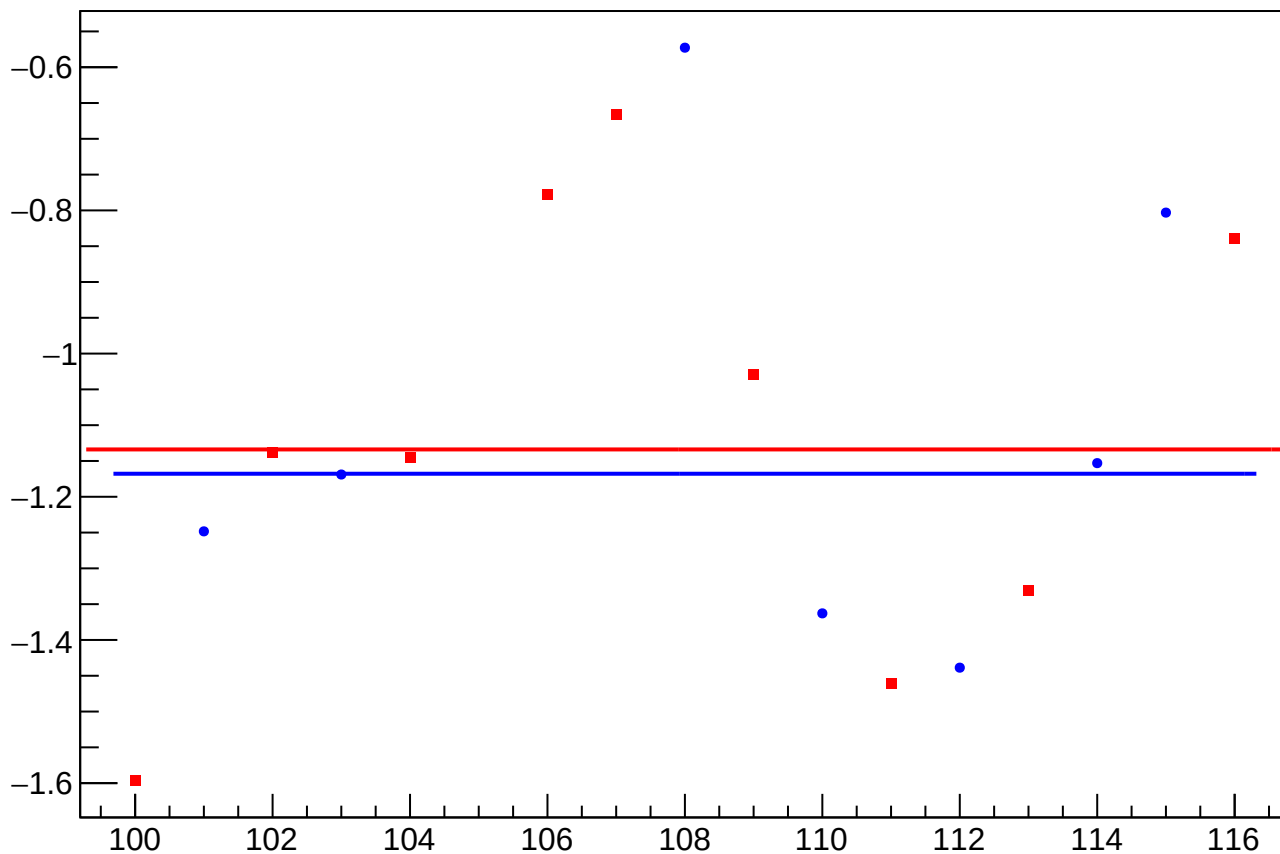
Right: 0.013+/-0.000 χ^2/NDF : 43166.4/15

In: 0.013+/-0.000 χ^2/NDF :22630.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 43166.4/15

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.168+/-0.000 χ^2/NDF : 2269166916.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.134+/-0.000 χ^2/NDF : 1834611042.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

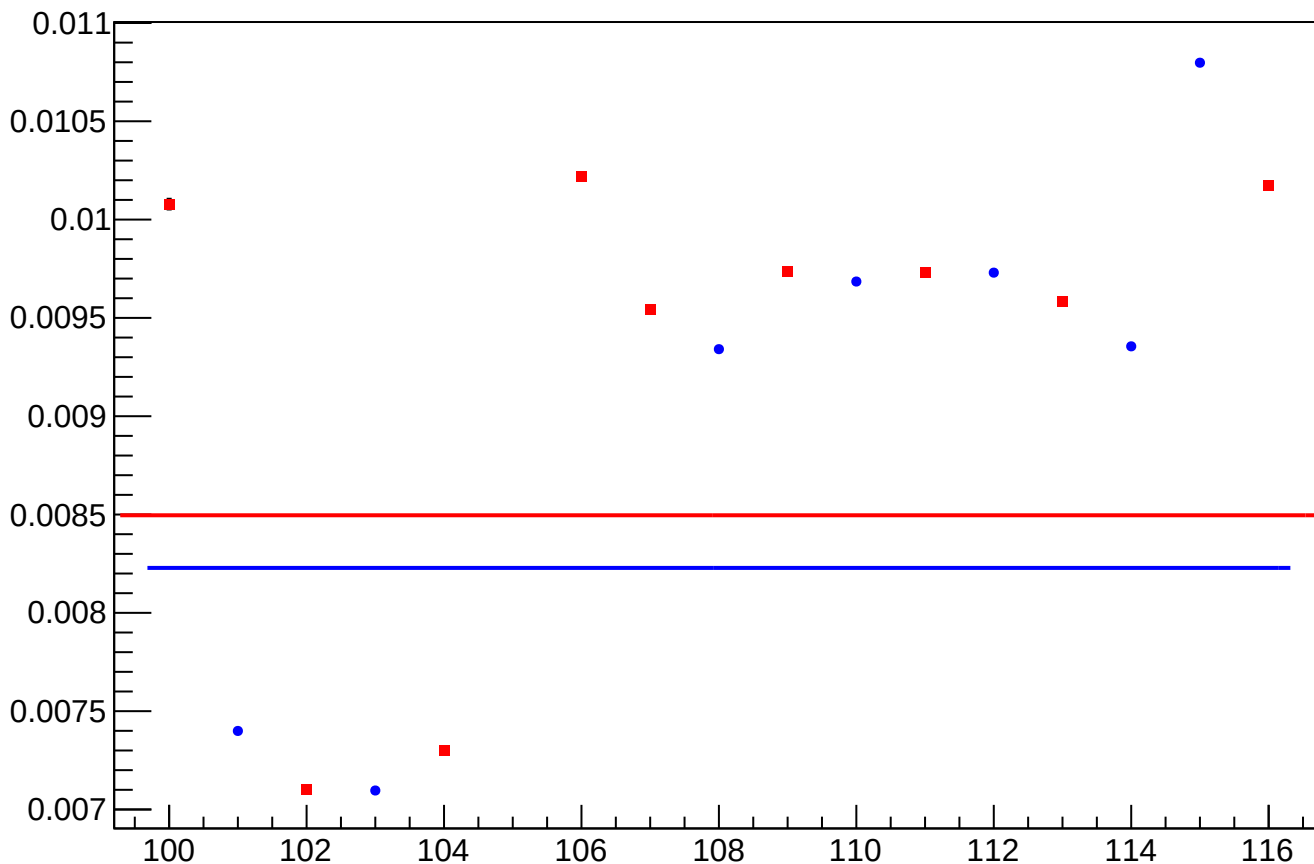
Right: -1.150+/-0.000 χ^2/NDF : 4127305521.9/15

In: -1.168+/-0.000 χ^2/NDF :2269166916.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.150+/-0.000 χ^2/NDF : 4127305521.9/1

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 113075.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 147644.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

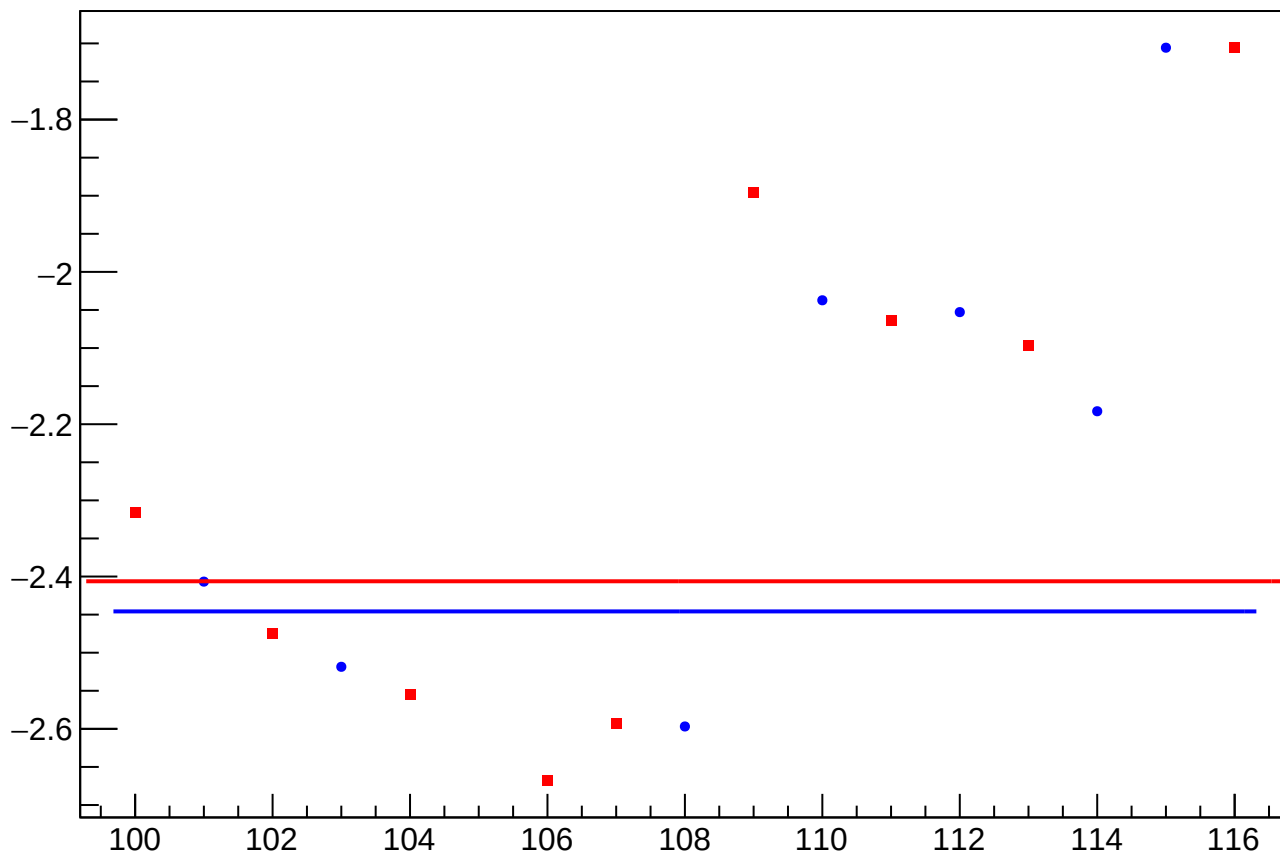
Right: 0.008+/-0.000 χ^2/NDF : 263644.4/15

In: 0.008+/-0.000 χ^2/NDF : 113075.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 263644.4/15

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.446+/-0.000 χ^2/NDF : 1106615990.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.406+/-0.000 χ^2/NDF : 3572962147.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

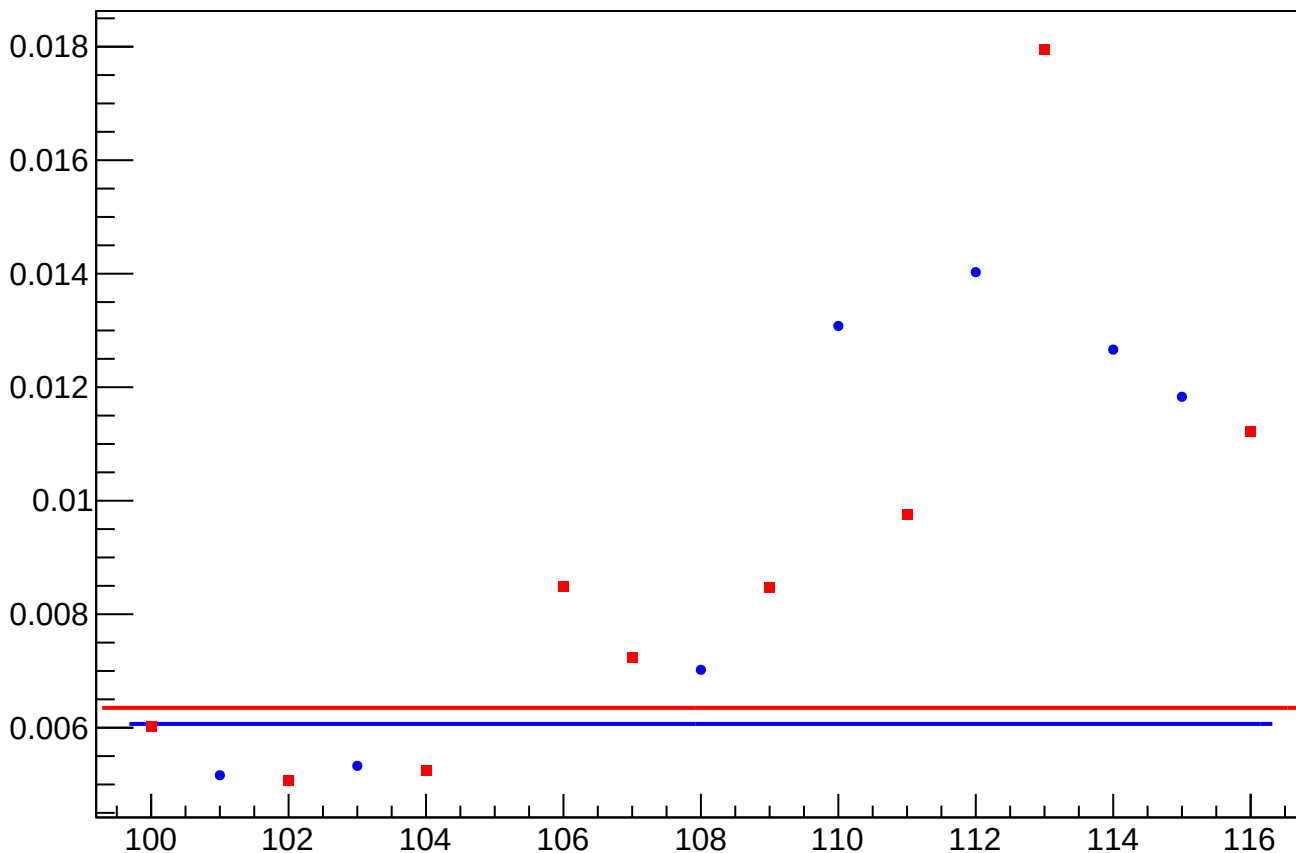
Right: -2.425+/-0.000 χ^2/NDF : 4726207798.2/15

In: -2.446+/-0.000 χ^2/NDF : 1106615990.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.425+/-0.000 χ^2/NDF : 4726207798.2/15

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 500938.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 598583.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

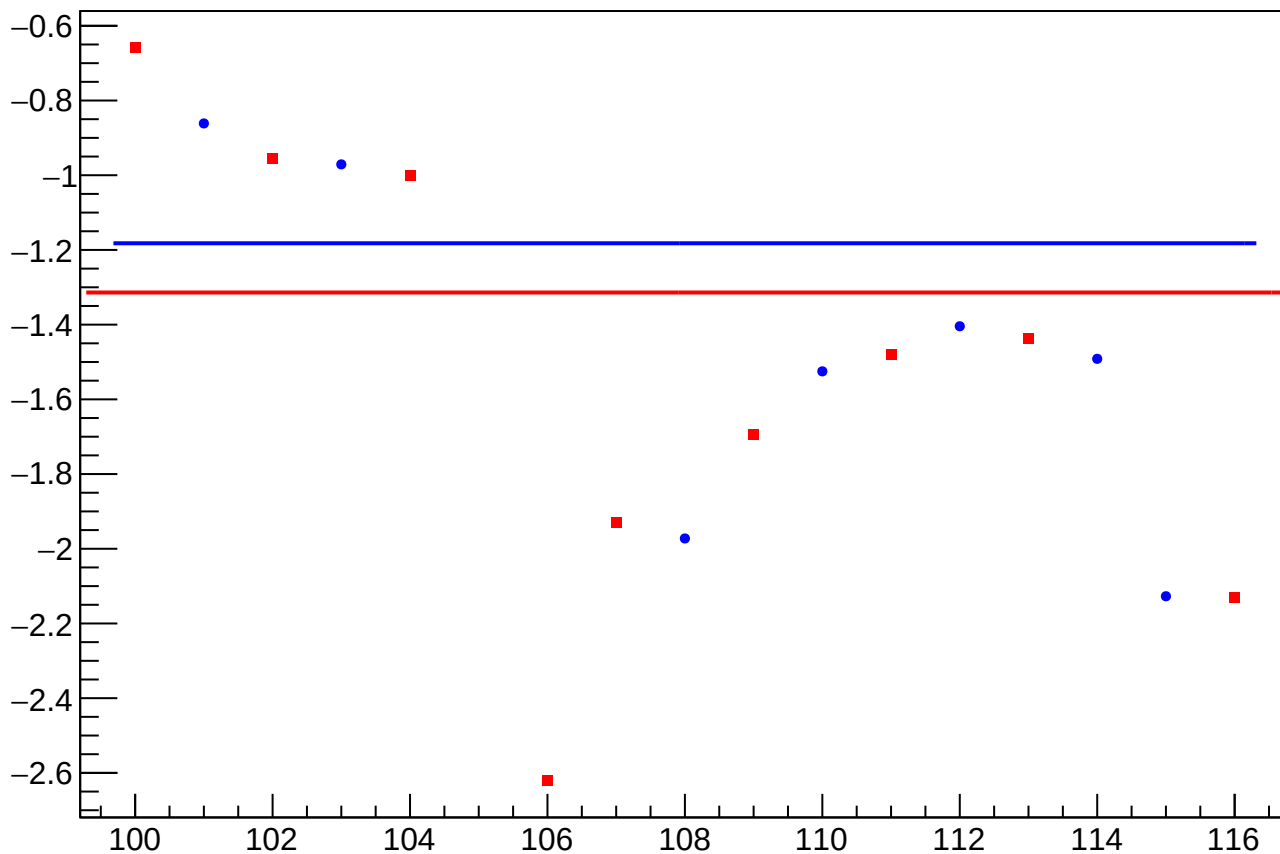
Right: 0.006+/-0.000 χ^2/NDF : 1104302.5/15

In: 0.006+/-0.000 χ^2/NDF :500938.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1104302.5/15

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.182+/-0.000 χ^2/NDF : 11033970671.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.314+/-0.000 χ^2/NDF : 18700785774.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

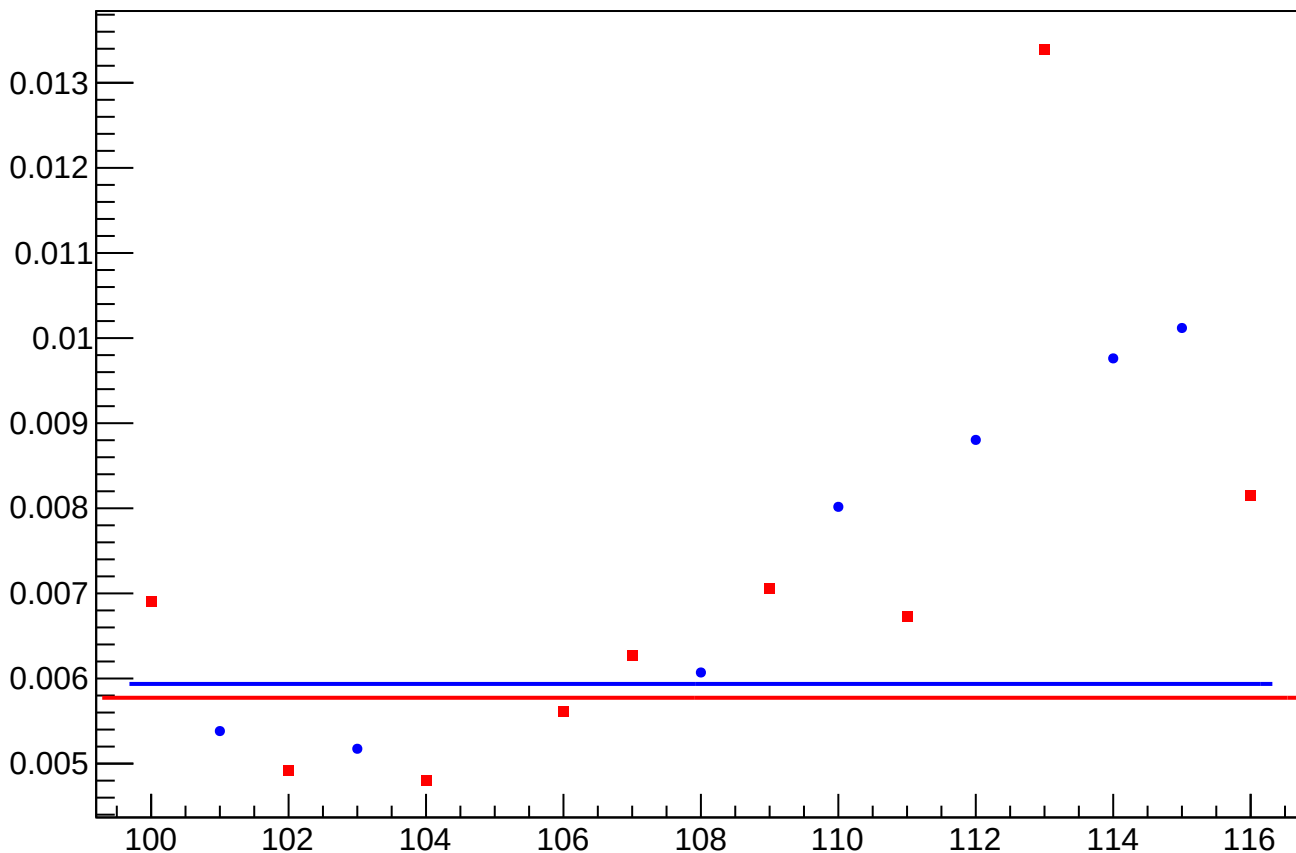
Right: -1.256+/-0.000 χ^2/NDF : 30349475662.3/15

In: -1.182+/-0.000 χ^2/NDF :11033970671.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.256+/-0.000 χ^2/NDF : 30349475662.3/15

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 194776.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 327864.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

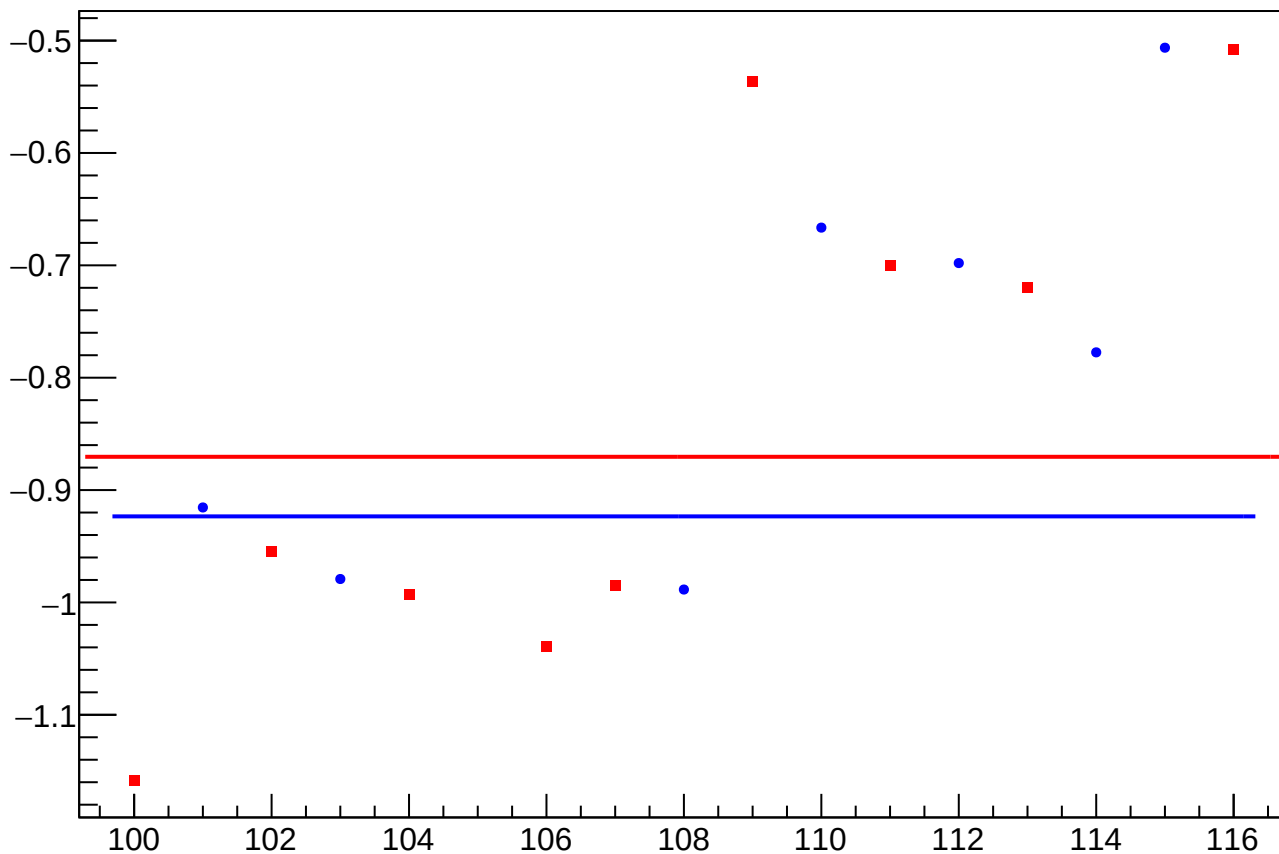
Right: 0.006+/-0.000 χ^2/NDF : 524512.5/15

In: 0.006+/-0.000 χ^2/NDF :194776.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 524512.5/15

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.923+/-0.000 χ^2/NDF : 860275252.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.870+/-0.000 χ^2/NDF : 3768439853.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

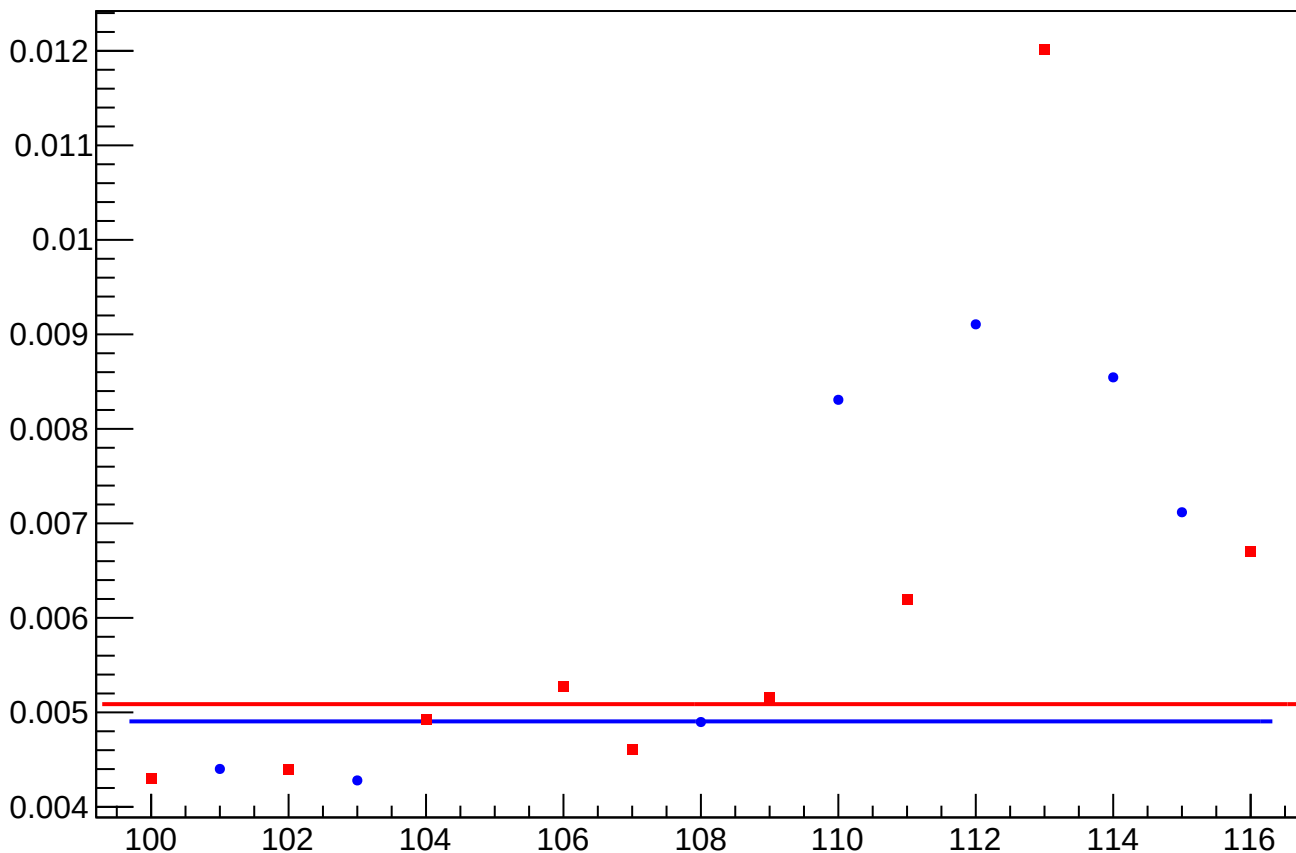
Right: -0.895+/-0.000 χ^2/NDF : 4765828401.7/15

In: -0.923+/-0.000 χ^2/NDF :860275252.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.895+/-0.000 χ^2/NDF : 4765828401.7/1

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 308333.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 285202.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

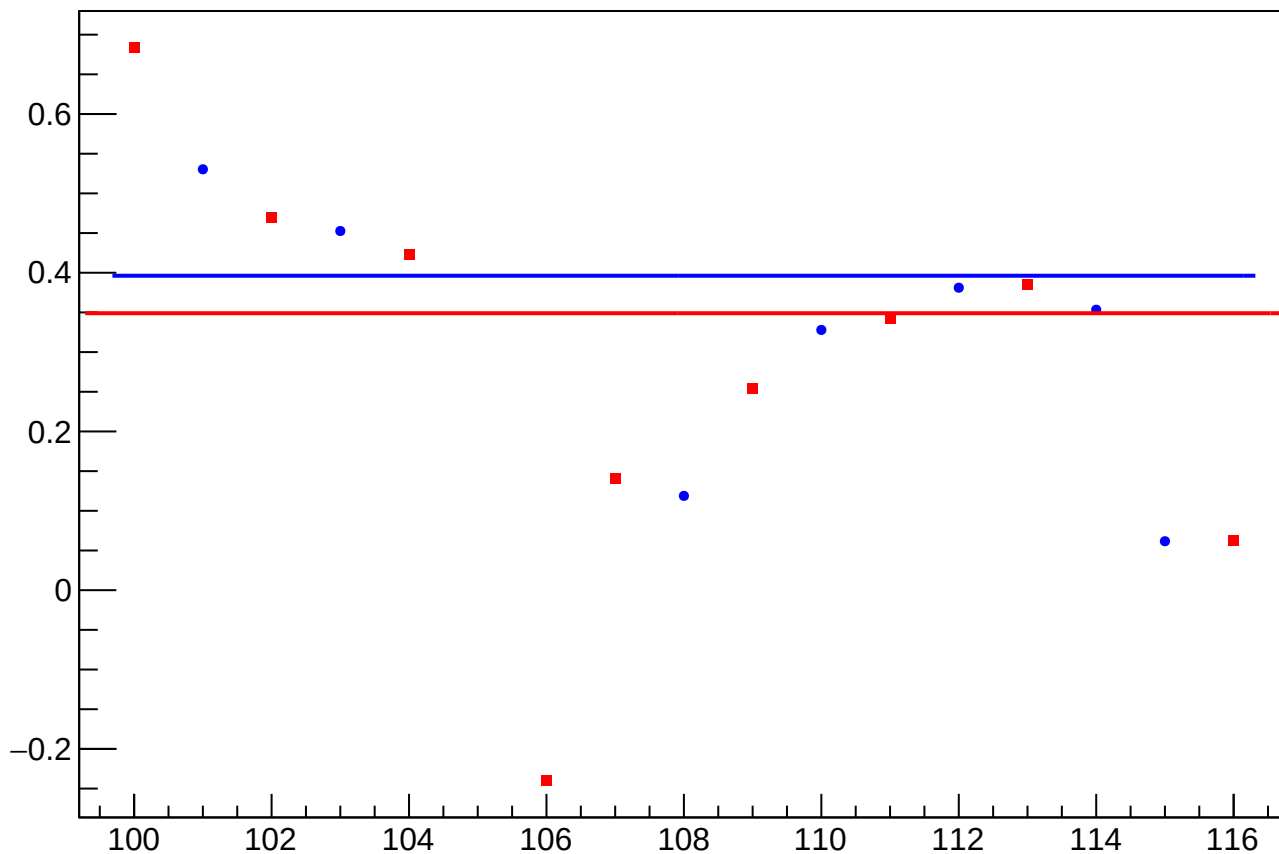
Right: 0.005+/-0.000 χ^2/NDF : 596780.3/15

In: 0.005+/-0.000 χ^2/NDF : 308333.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 596780.3/15

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.396+/-0.000 χ^2/NDF : 3261137397.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.349+/-0.000 χ^2/NDF : 5256572646.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

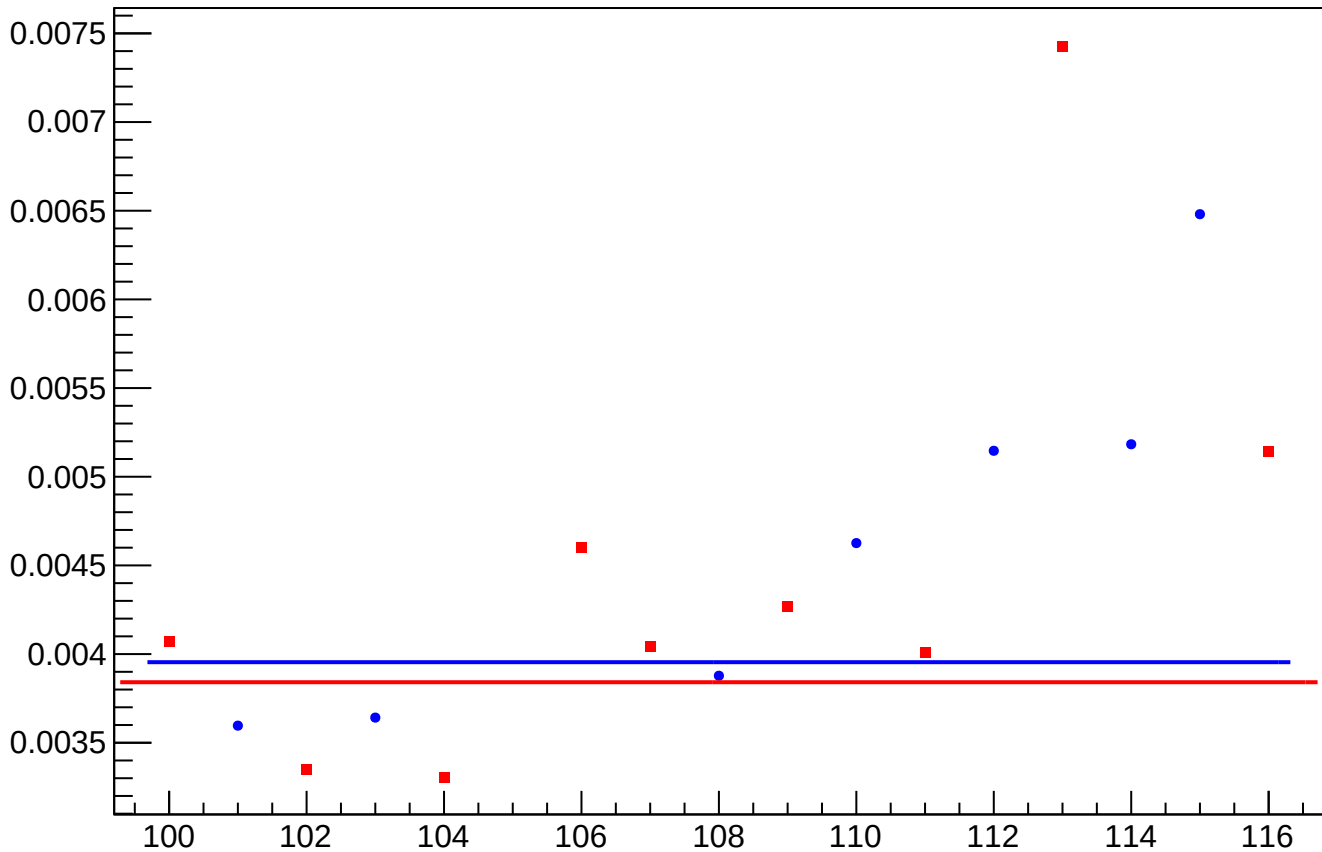
Right: 0.370+/-0.000 χ^2/NDF : 8703544259.2/15

In: 0.396+/-0.000 χ^2/NDF : 3261137397.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.370+/-0.000 χ^2/NDF : 8703544259.2/15

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 102959.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 223707.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

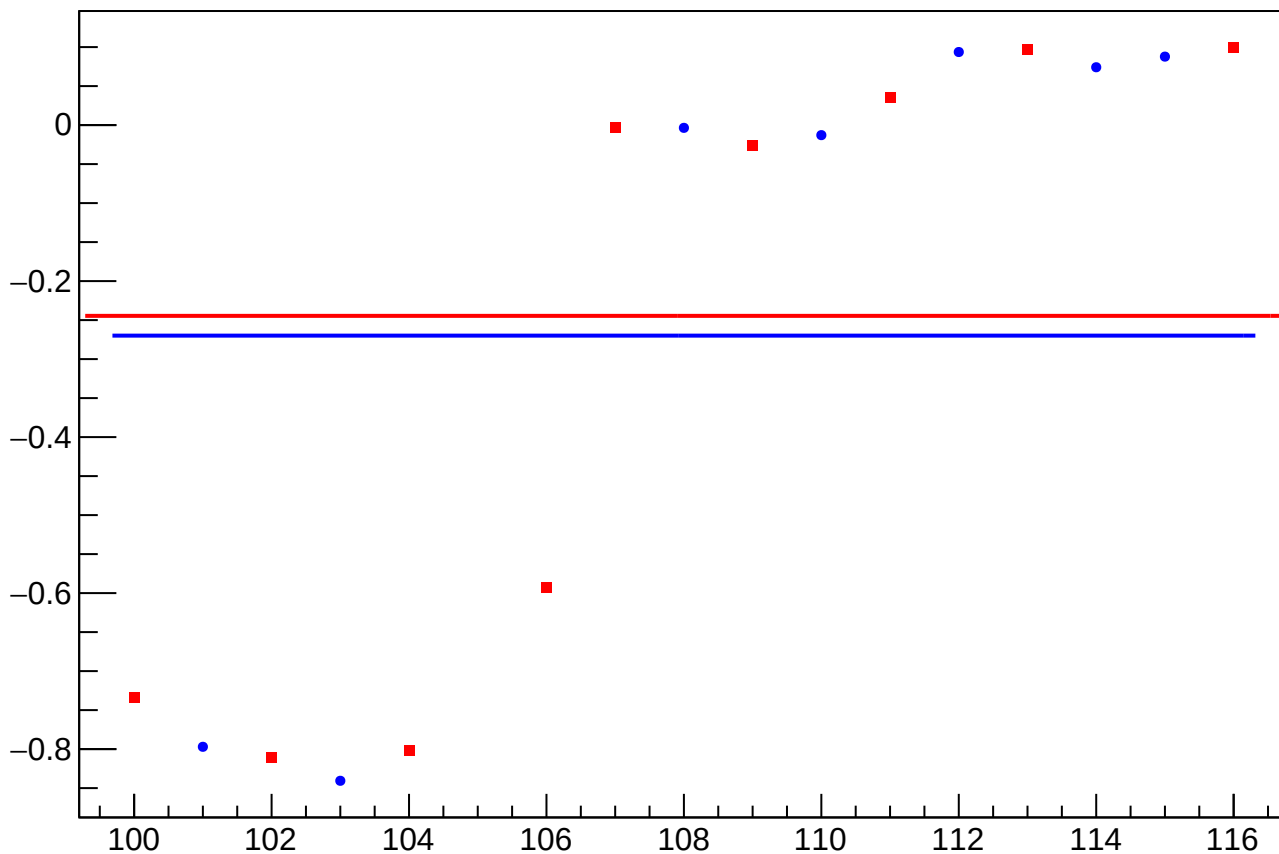
Right: 0.004+/-0.000 χ^2/NDF : 328793.0/15

In: 0.004+/-0.000 χ^2/NDF :102959.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 328793.0/15

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.270+/-0.000 χ^2/NDF : 4070165875.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.245+/-0.000 χ^2/NDF : 4785866044.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

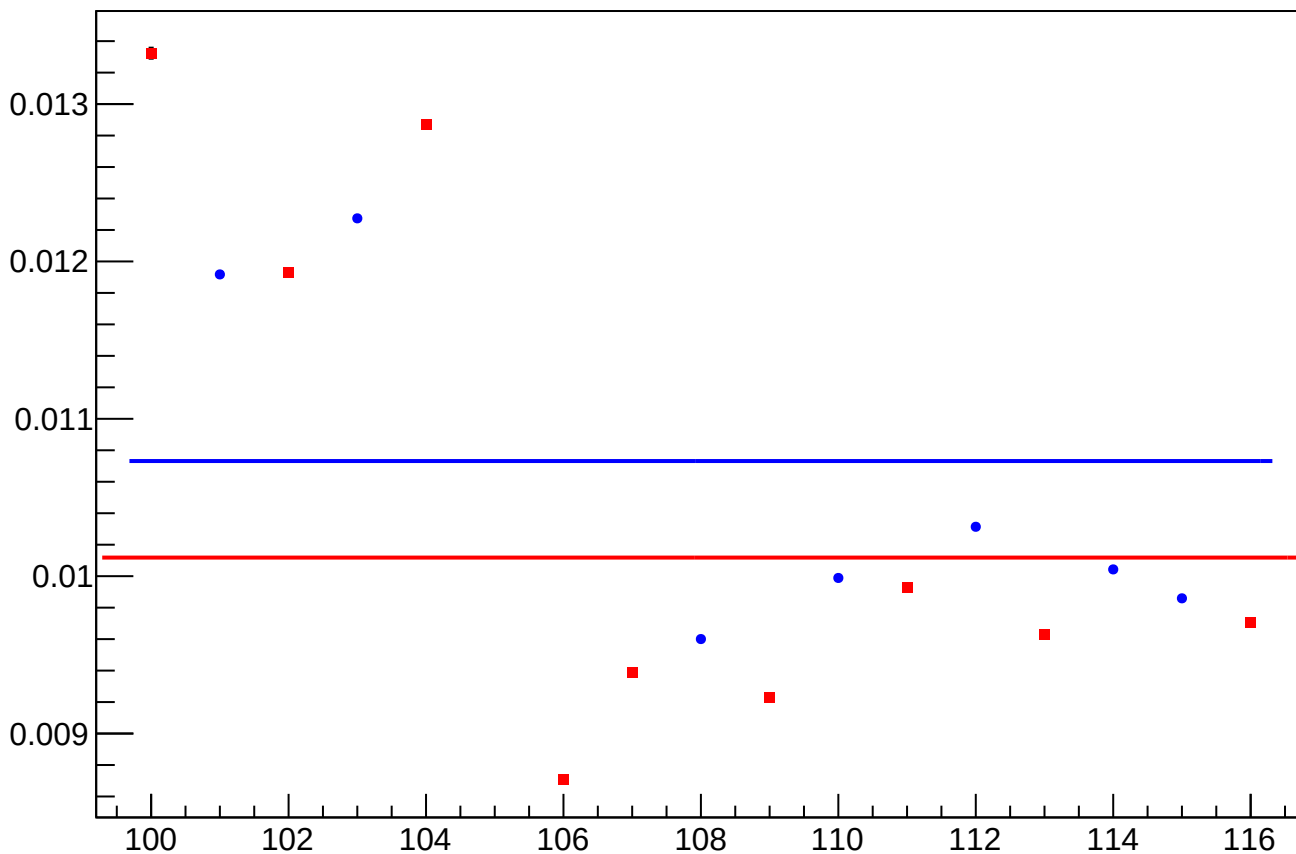
Right: -0.255+/-0.000 χ^2/NDF : 8865022877.7/15

In: -0.270+/-0.000 χ^2/NDF :4070165875.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.255+/-0.000 χ^2/NDF : 8865022877.7/1

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 51961.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 119027.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

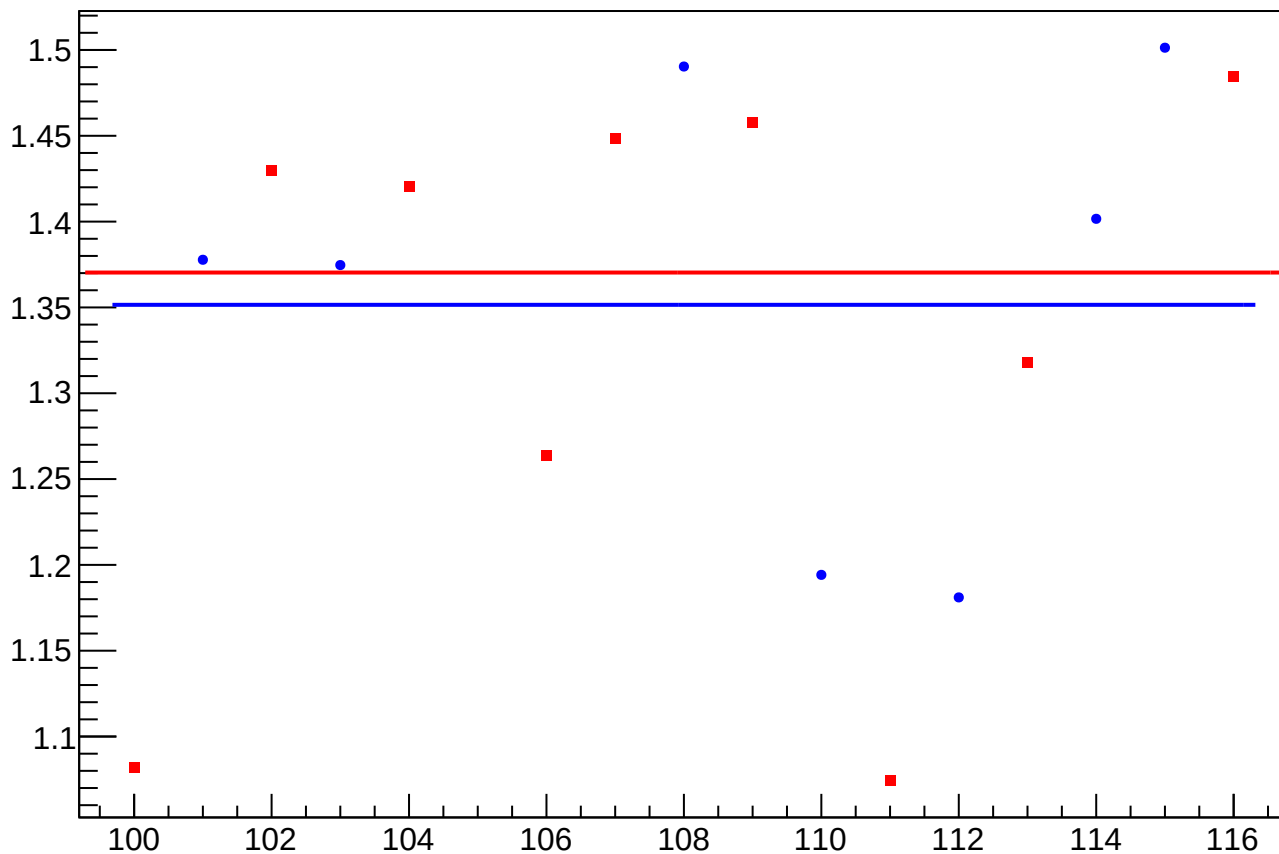
Right: 0.010+/-0.000 χ^2/NDF : 181524.6/15

In: 0.011+/-0.000 χ^2/NDF : 51961.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 181524.6/15

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.352+/-0.000 χ^2/NDF : 610664190.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.370+/-0.000 χ^2/NDF : 1080331298.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

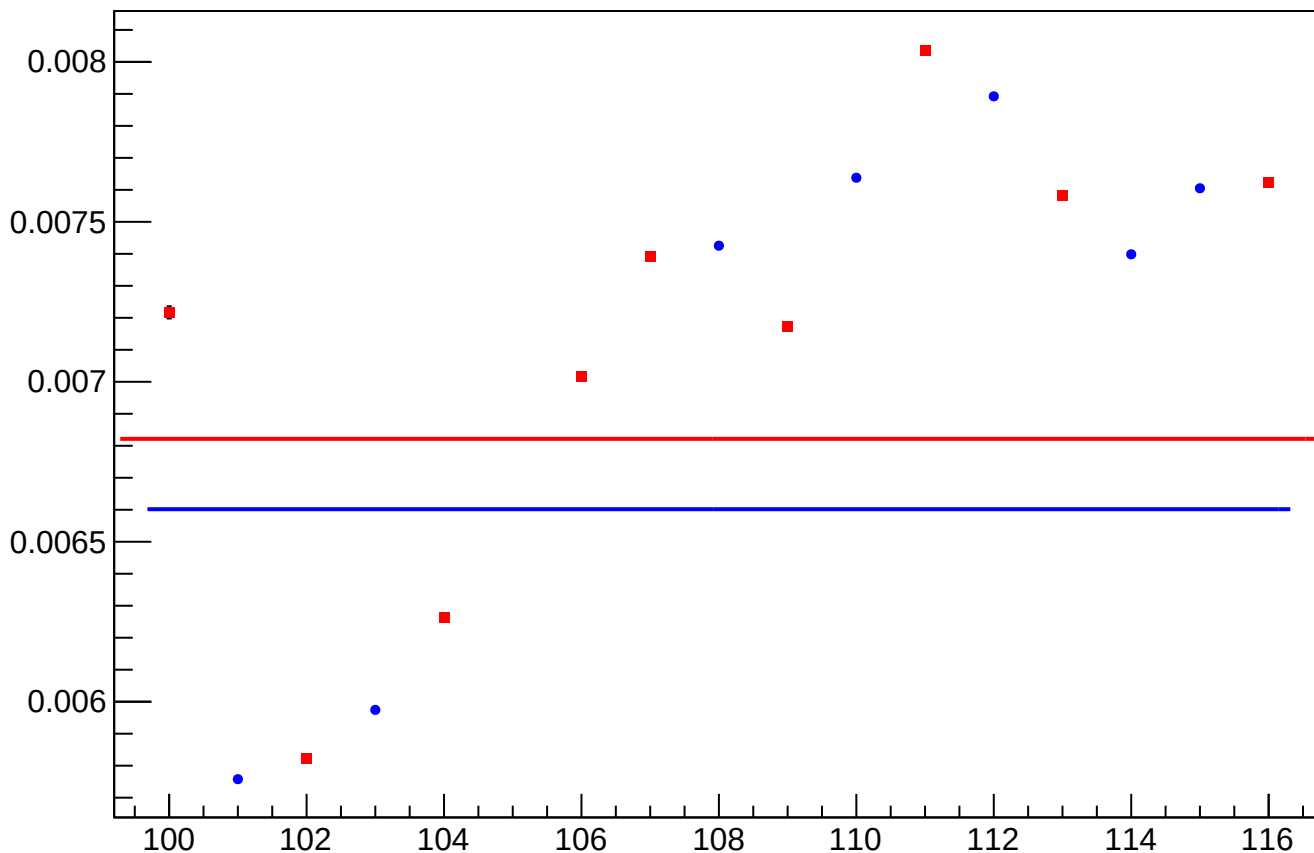
Right: 1.362+/-0.000 χ^2/NDF : 1703005240.8/15

In: 1.352+/-0.000 χ^2/NDF : 610664190.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.362+/-0.000 χ^2/NDF : 1703005240.8/15

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 98542.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 87910.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

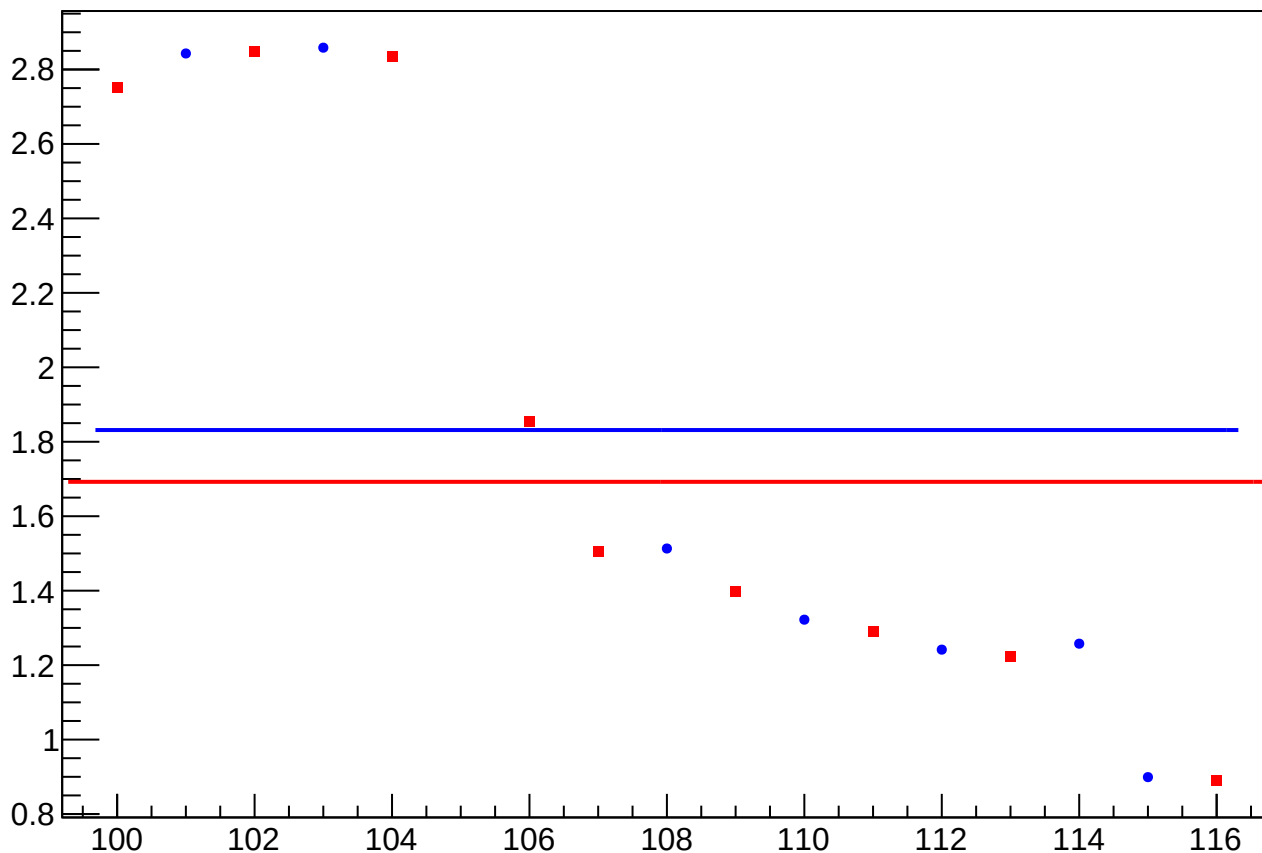
Right: 0.007+/-0.000 χ^2/NDF : 189736.9/15

In: 0.007+/-0.000 χ^2/NDF : 98542.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 189736.9/15

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.832+/-0.000 χ^2/NDF : 31351889450.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.692+/-0.000 χ^2/NDF : 33903121598.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

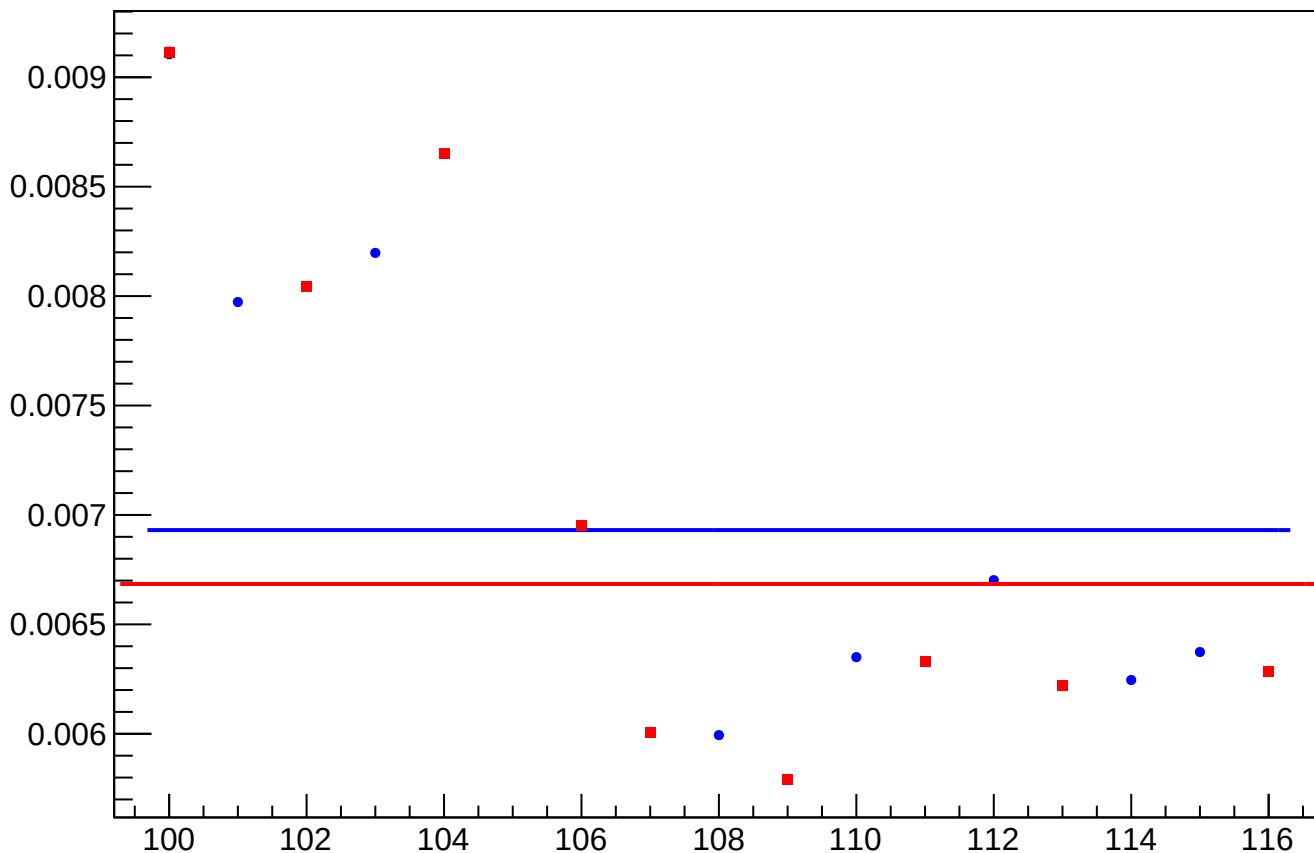
Right: 1.752+/-0.000 χ^2/NDF : 65887396775.4/15

In: 1.832+/-0.000 χ^2/NDF : 31351889450.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.752+/-0.000 χ^2/NDF : 65887396775.4/15

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 82645.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 143547.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

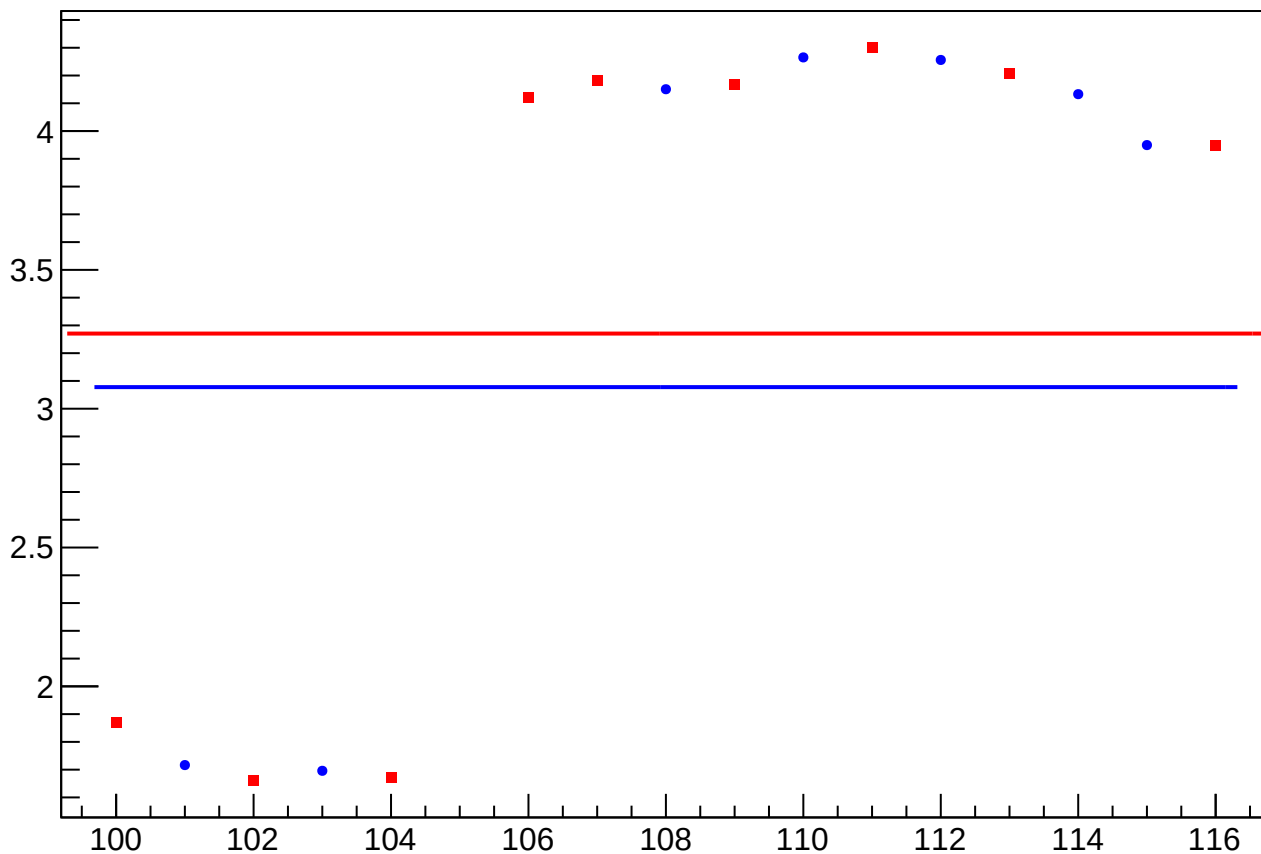
Right: 0.007+/-0.000 χ^2/NDF : 230153.7/15

In: 0.007+/-0.000 χ^2/NDF : 82645.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 230153.7/15

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.078+/-0.000

χ^2/NDF : 154282344942.6/6

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.184+/-0.000

χ^2/NDF : 335276544531.2/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.078+/-0.000

χ^2/NDF : 154282344942.6/6

Right Out: 3.271+/-0.000

χ^2/NDF : 178935627710.2/8

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

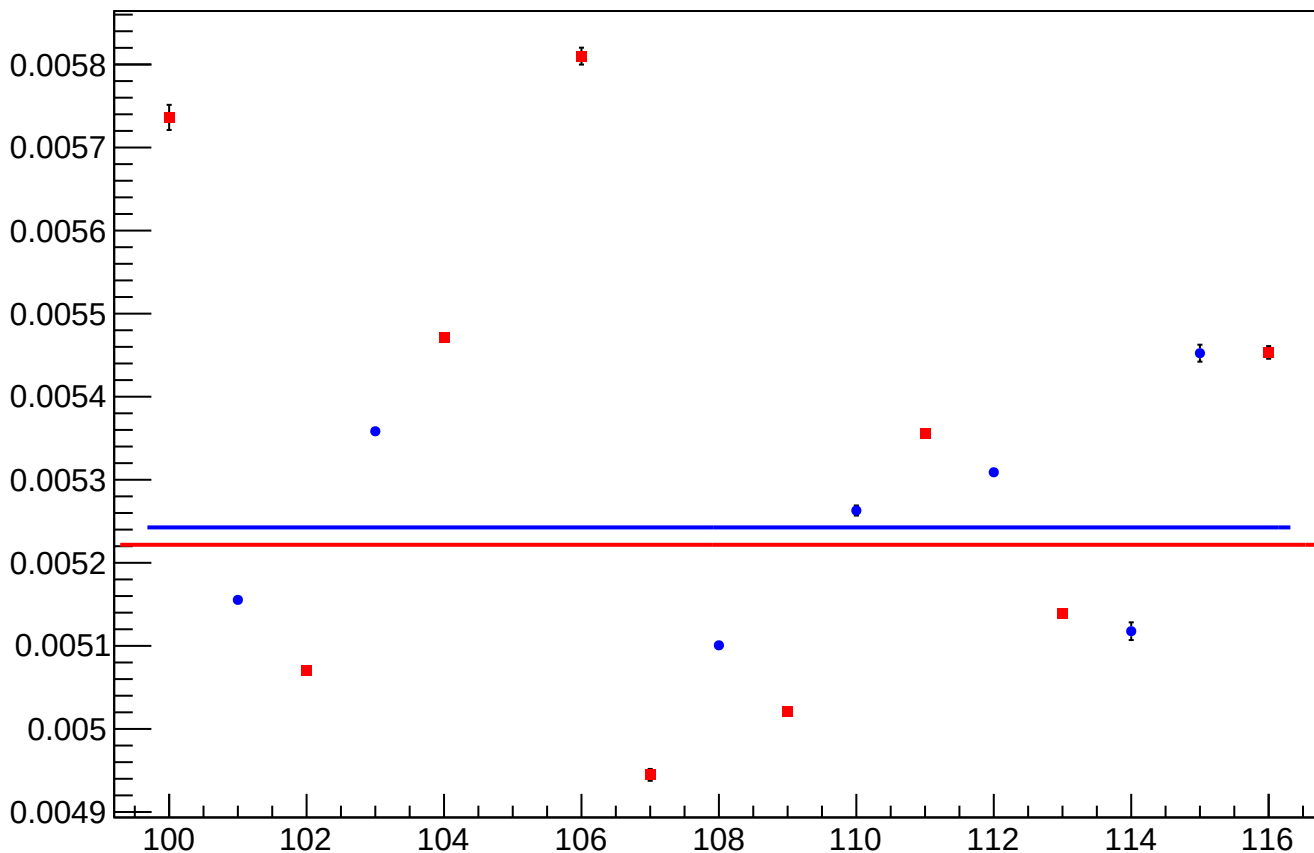
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.184+/-0.000

χ^2/NDF : 335276544531.2

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2262.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 12789.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

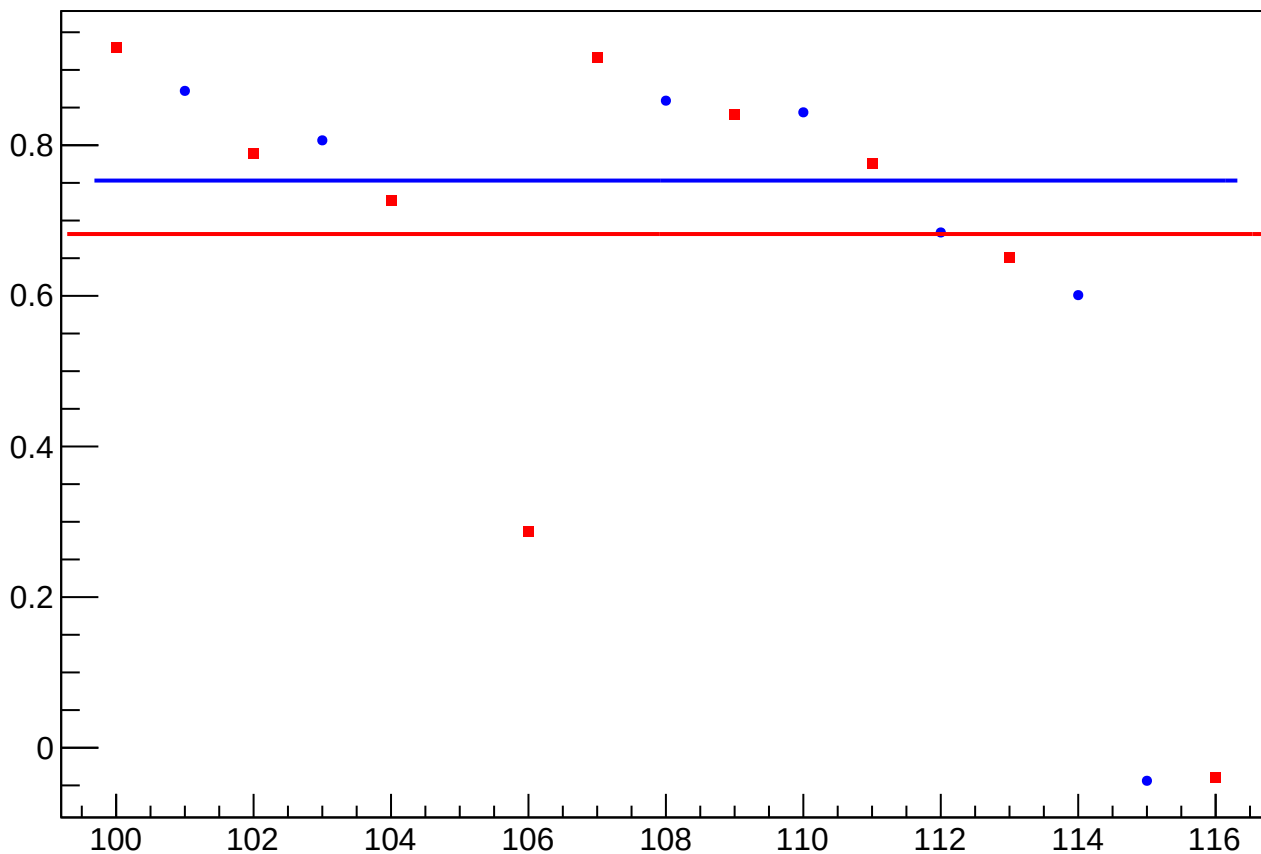
Right: 0.005+/-0.000 χ^2/NDF : 15100.1/15

In: 0.005+/-0.000 χ^2/NDF :2262.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 15100.1/15

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.753+/-0.000 χ^2/NDF : 619417531.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.682+/-0.000 χ^2/NDF : 1121864885.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

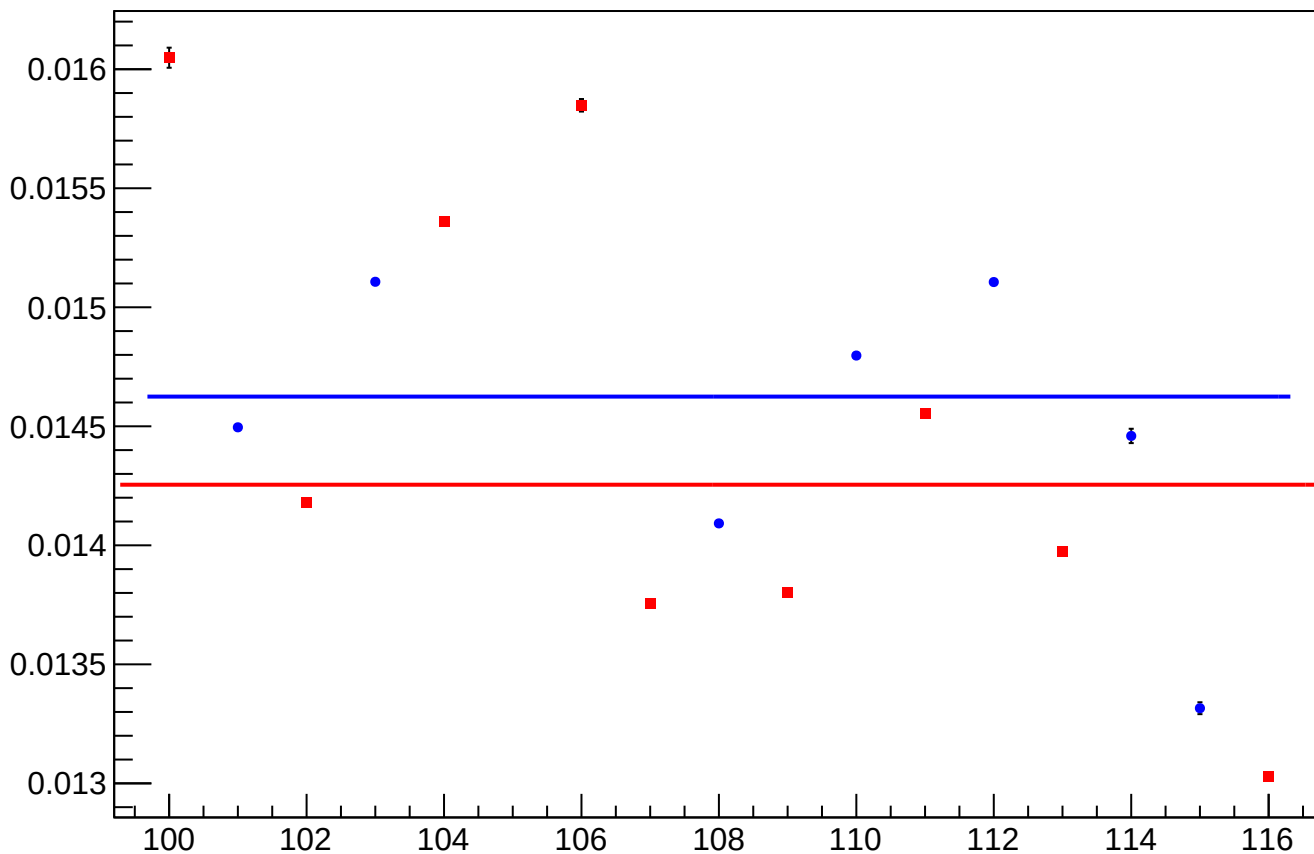
Right: 0.713+/-0.000 χ^2/NDF : 1777810627.5/15

In: 0.753+/-0.000 χ^2/NDF : 619417531.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.713+/-0.000 χ^2/NDF : 1777810627.5/15

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 6307.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 17970.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

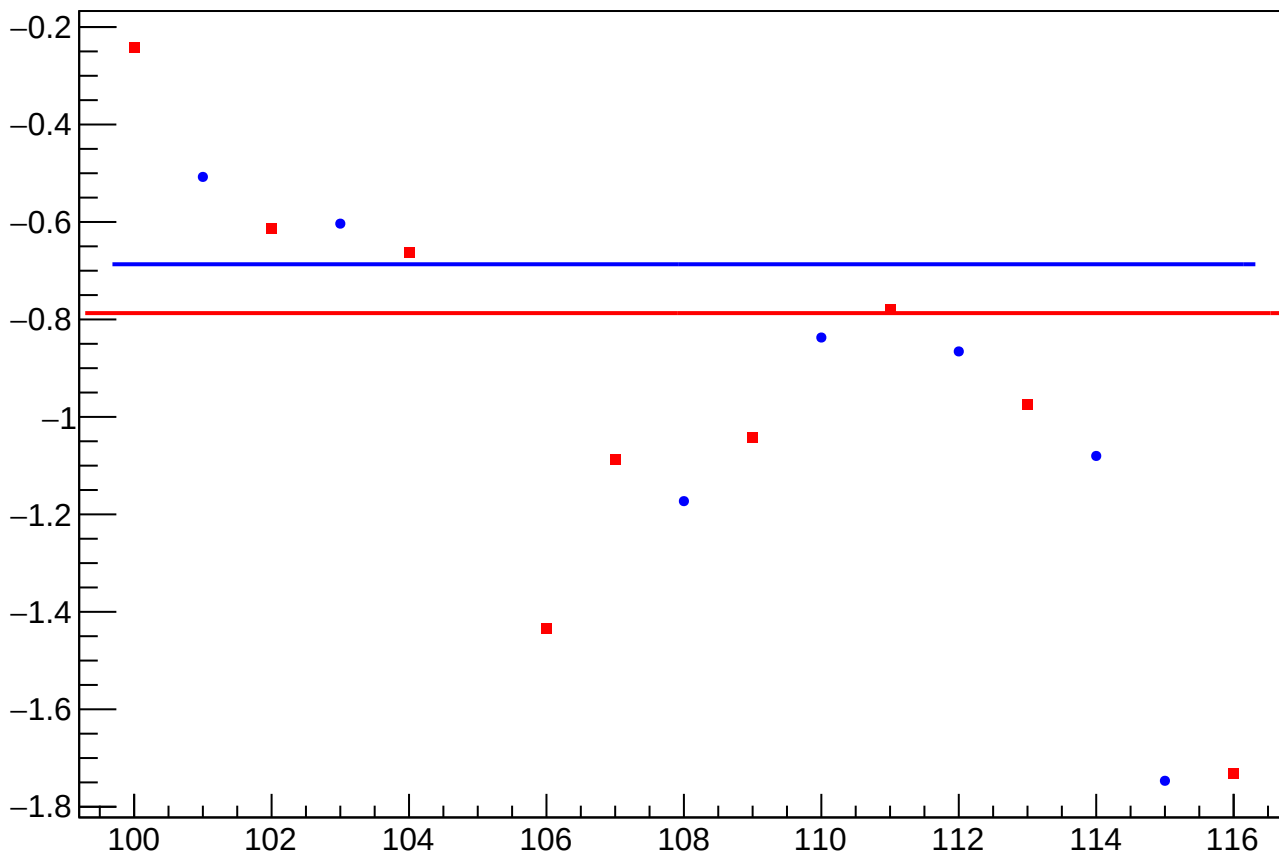
Right: 0.014+/-0.000 χ^2/NDF : 26265.0/15

In: 0.015+/-0.000 χ^2/NDF : 6307.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 26265.0/15

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.687+/-0.000 χ^2/NDF : 7421250082.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.787+/-0.000 χ^2/NDF : 10733363163.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

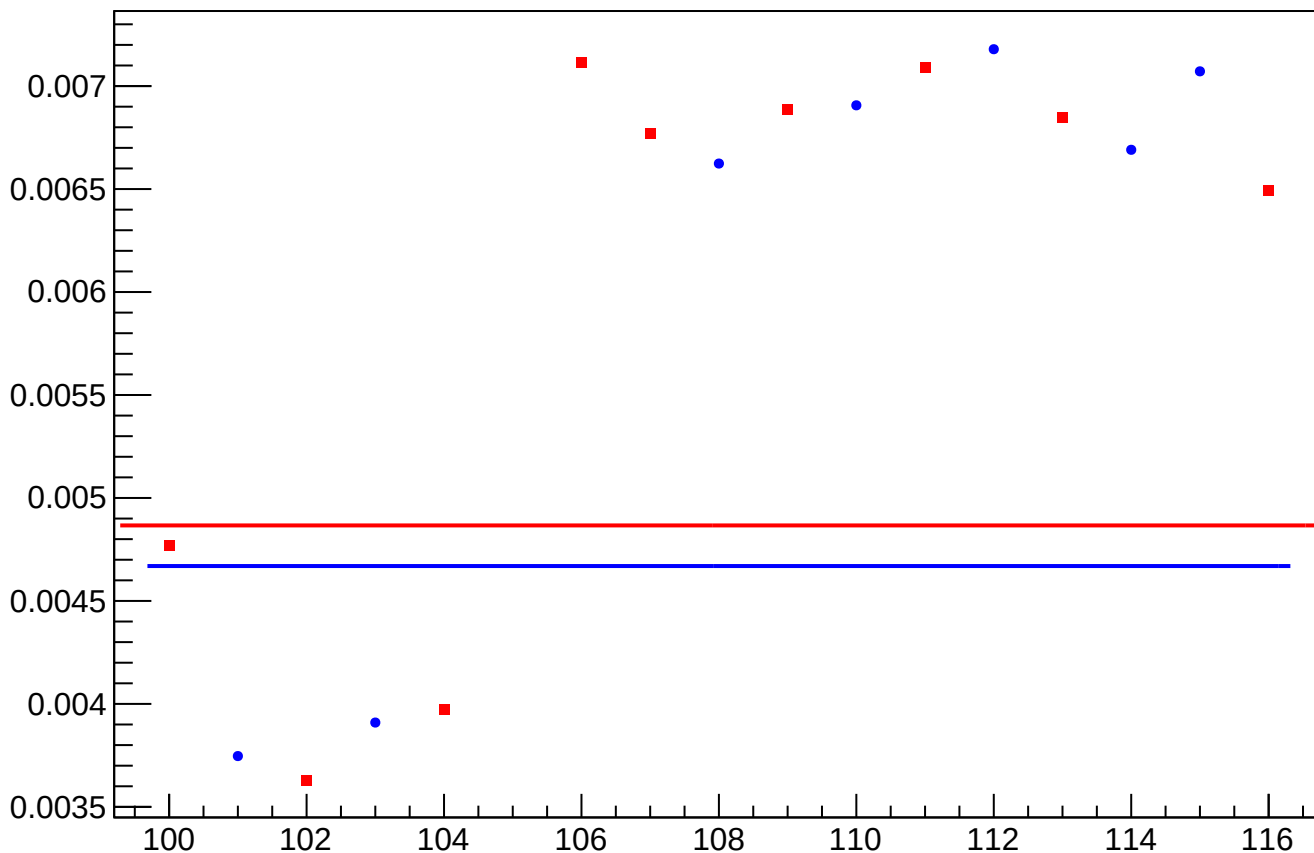
Right: -0.740+/-0.000 χ^2/NDF : 18732139215.7/15

In: -0.687+/-0.000 χ^2/NDF :7421250082.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.740+/-0.000 χ^2/NDF : 18732139215.7/15

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 414182.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 535860.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

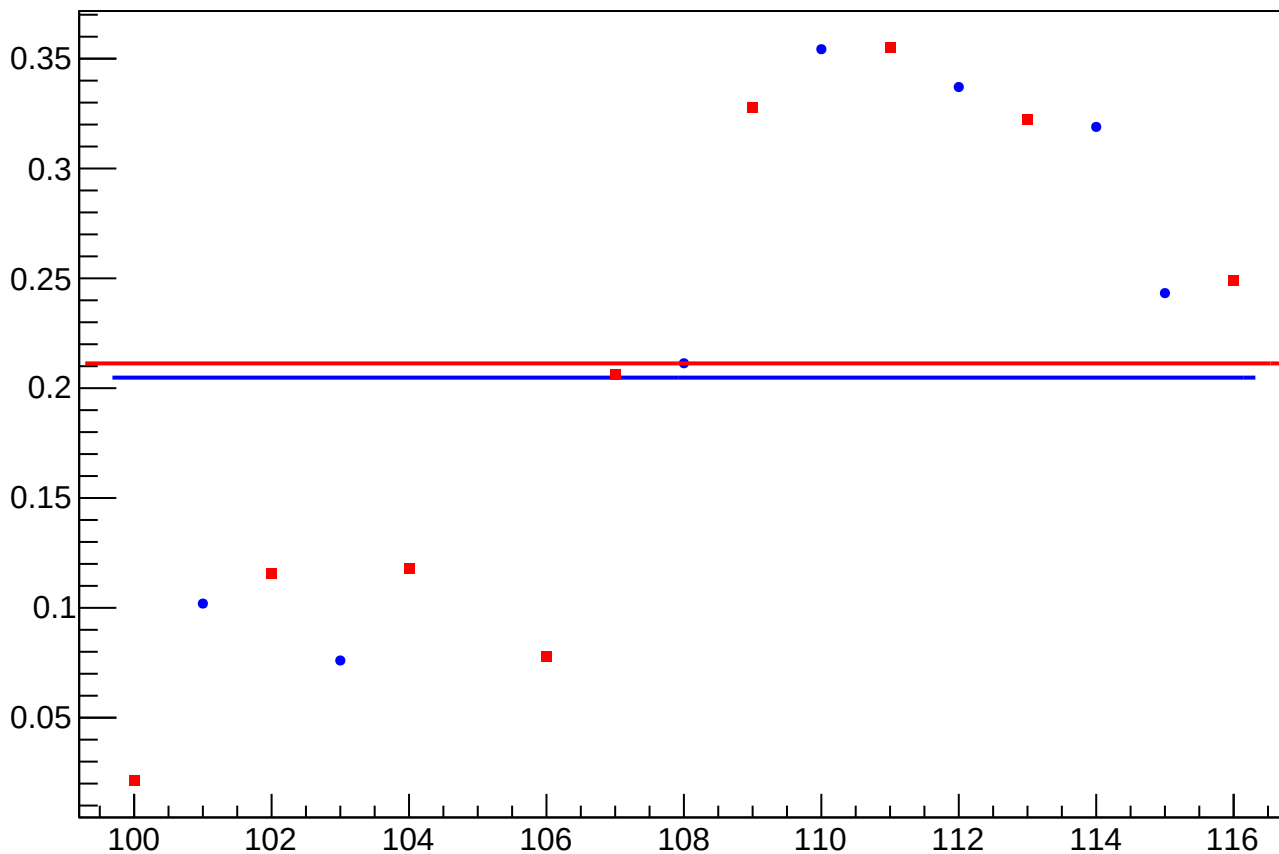
Right: 0.005+/-0.000 χ^2/NDF : 954514.7/15

In: 0.005+/-0.000 χ^2/NDF :414182.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 954514.7/15

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.205+/-0.000 χ^2/NDF : 13972173942.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.211+/-0.000 χ^2/NDF : 19115101732.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

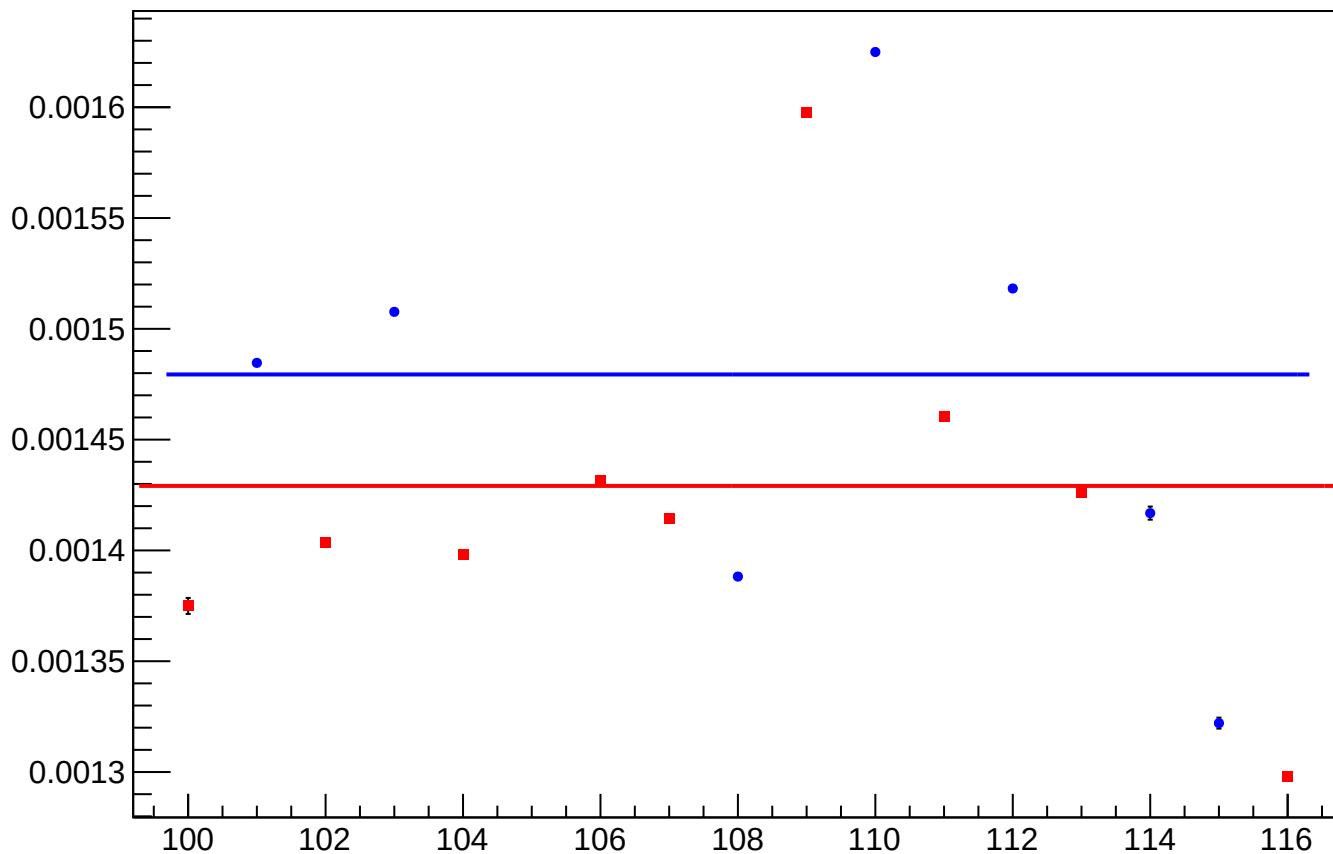
Right: 0.209+/-0.000 χ^2/NDF : 33115968235.4/15

In: 0.205+/-0.000 χ^2/NDF : 13972173942.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.209+/-0.000 χ^2/NDF : 33115968235.4/15

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 14444.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 18265.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

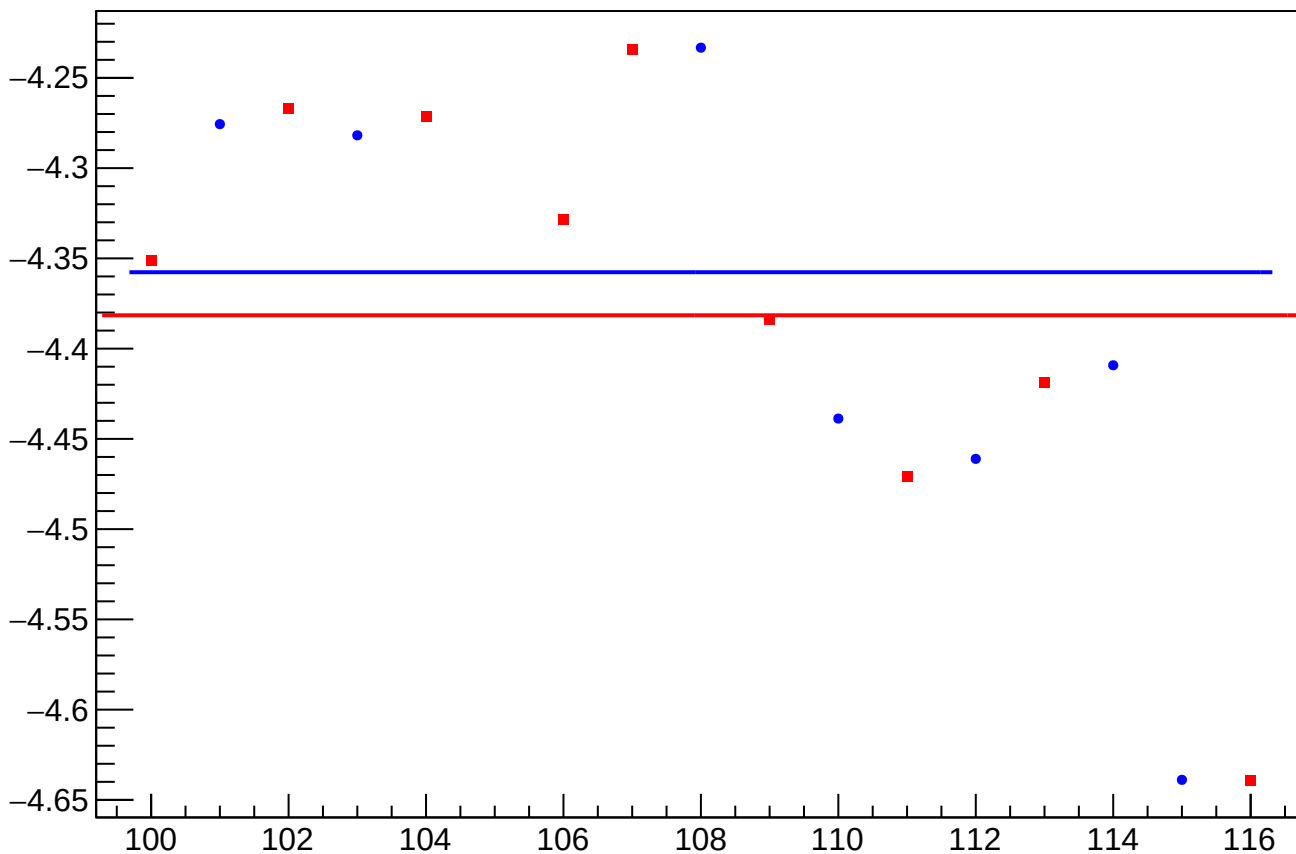
Right: 0.001+/-0.000 χ^2/NDF : 36177.8/15

In: 0.001+/-0.000 χ^2/NDF : 14444.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 36177.8/15

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.358+/-0.000 χ^2/NDF : 13800970774.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.382+/-0.000 χ^2/NDF : 16724709171.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

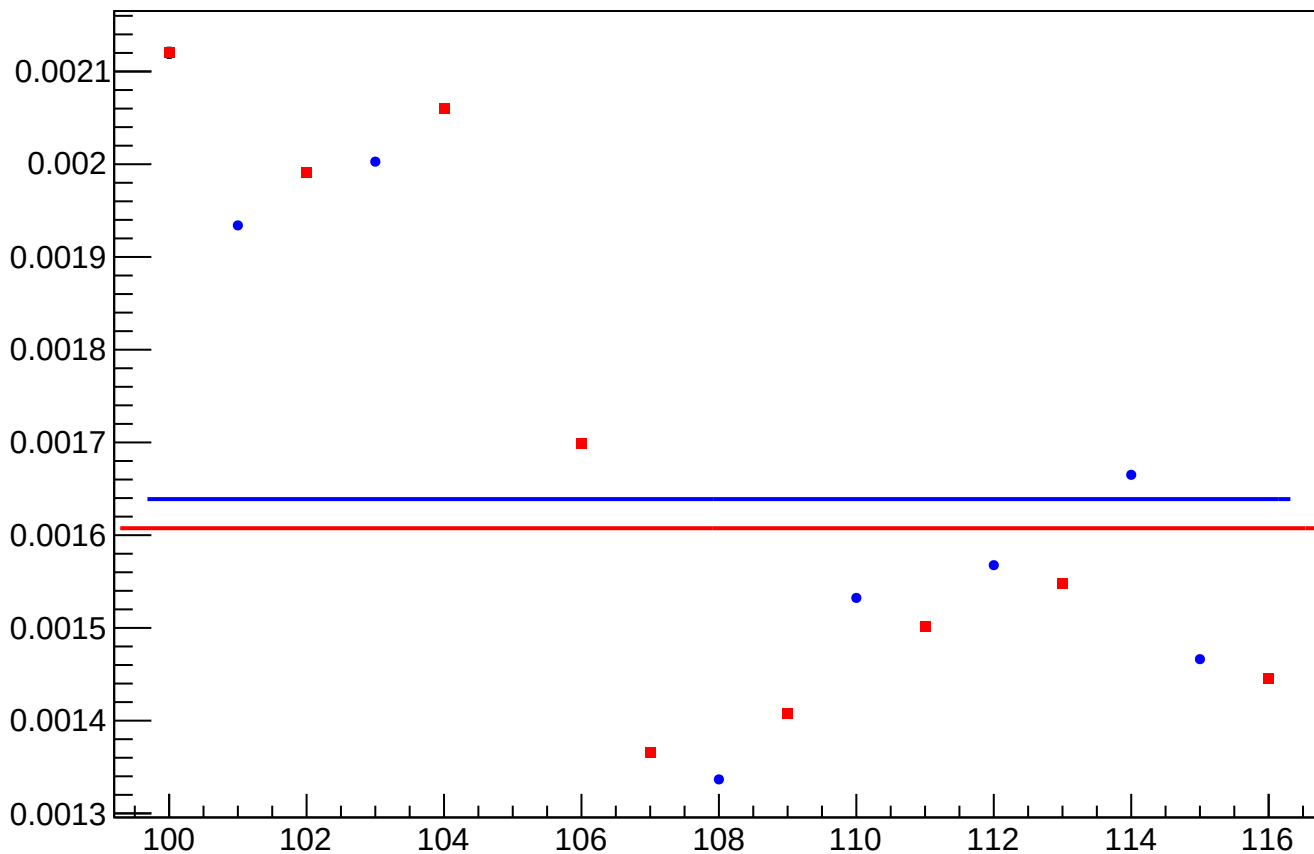
Right: -4.371+/-0.000 χ^2/NDF : 30846353739.8/15

In: -4.358+/-0.000 χ^2/NDF :13800970774.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.371+/-0.000 χ^2/NDF : 30846353739.8/15

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 119237.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 156329.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

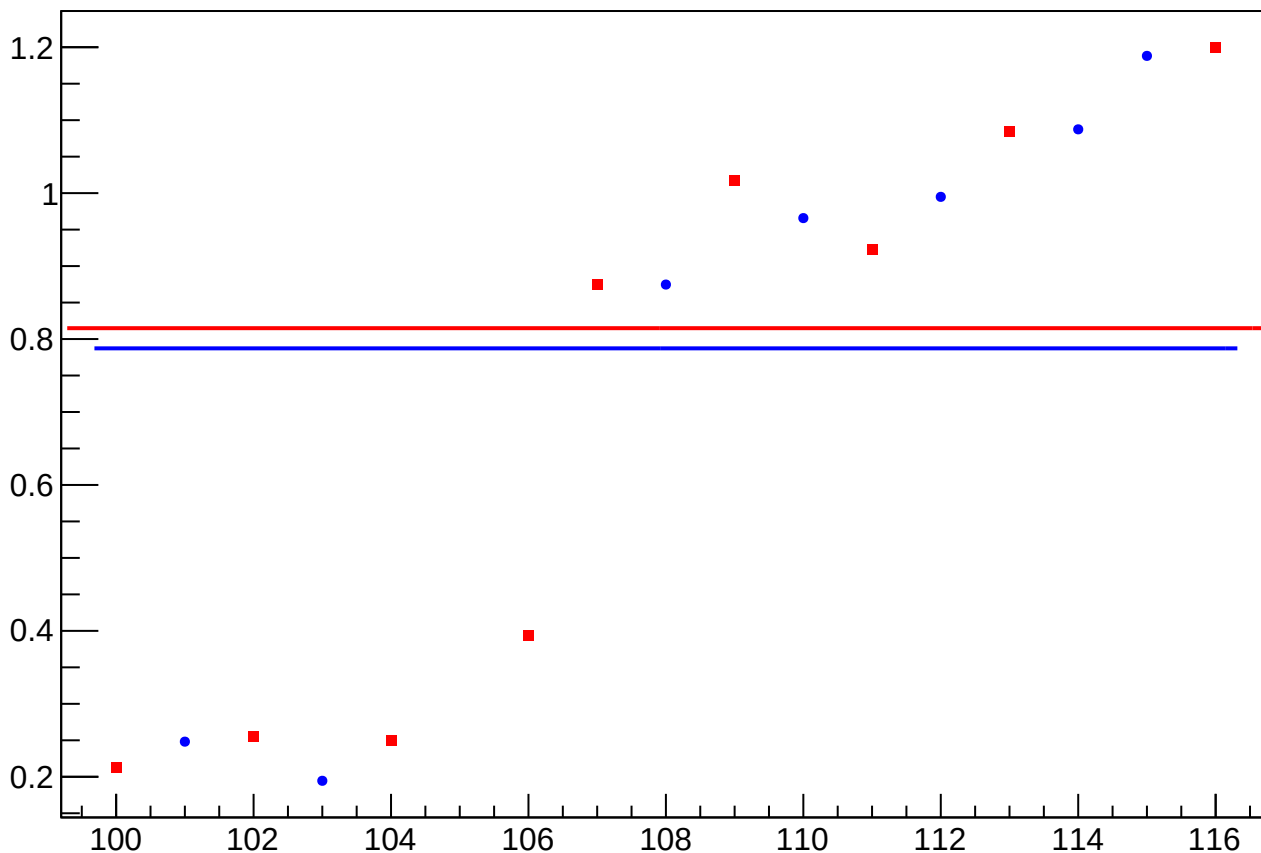
Right: 0.002+/-0.000 χ^2/NDF : 276677.5/15

In: 0.002+/-0.000 χ^2/NDF : 119237.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 276677.5/15

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.787+/-0.000 χ^2/NDF : 7430212923.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.815+/-0.000 χ^2/NDF : 10651984606.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

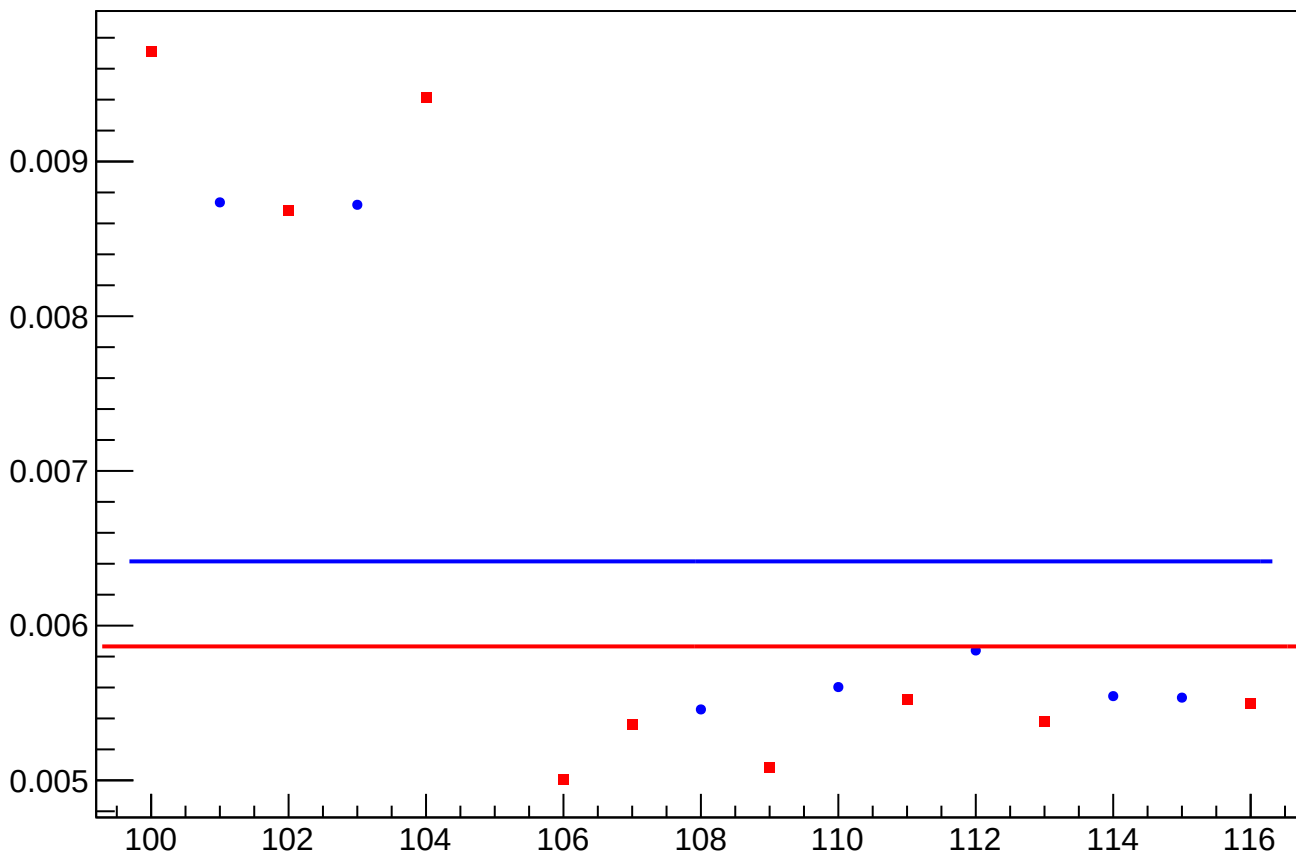
Right: 0.804+/-0.000 χ^2/NDF : 18111772377.3/15

In: 0.787+/-0.000 χ^2/NDF : 7430212923.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.804+/-0.000 χ^2/NDF : 18111772377.3/15

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 237893.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 369128.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

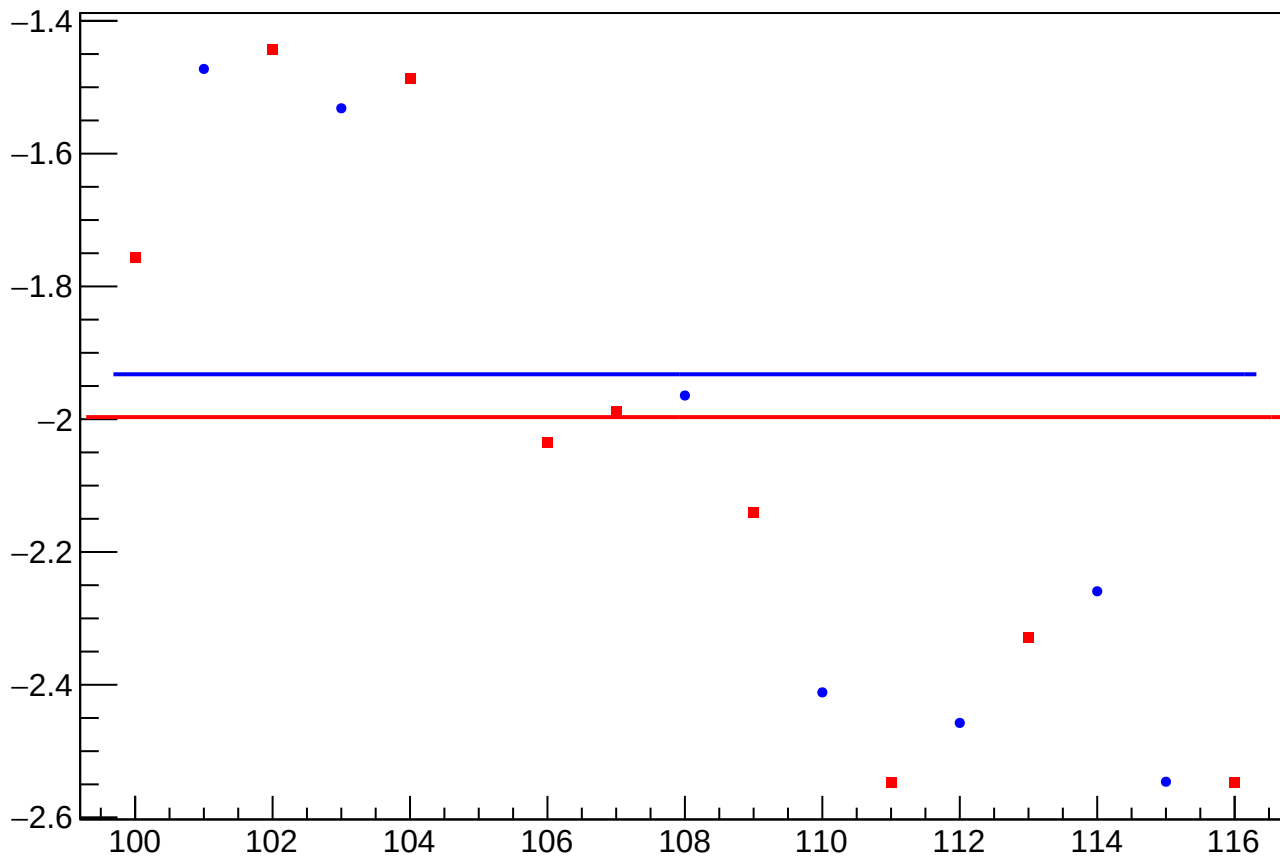
Right: 0.006+/-0.000 χ^2/NDF : 630400.9/15

In: 0.006+/-0.000 χ^2/NDF : 237893.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 630400.9/15

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.932+/-0.000 χ^2/NDF : 16052717191.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.997+/-0.000 χ^2/NDF : 18153318370.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

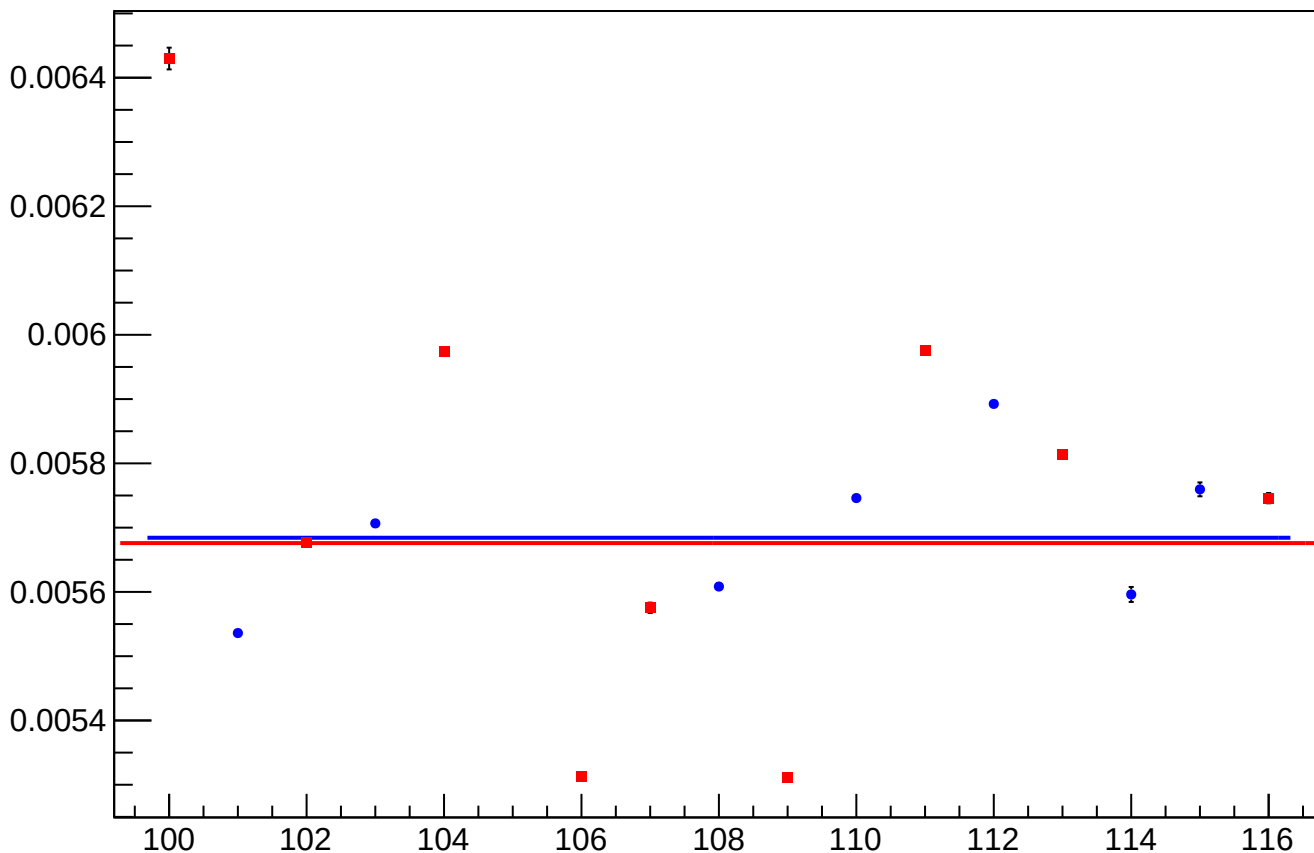
Right: -1.968+/-0.000 χ^2/NDF : 34406086214.9/15

In: -1.932+/-0.000 χ^2/NDF : 16052717191.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.968+/-0.000 χ^2/NDF : 34406086214.9/15

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2535.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 15658.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

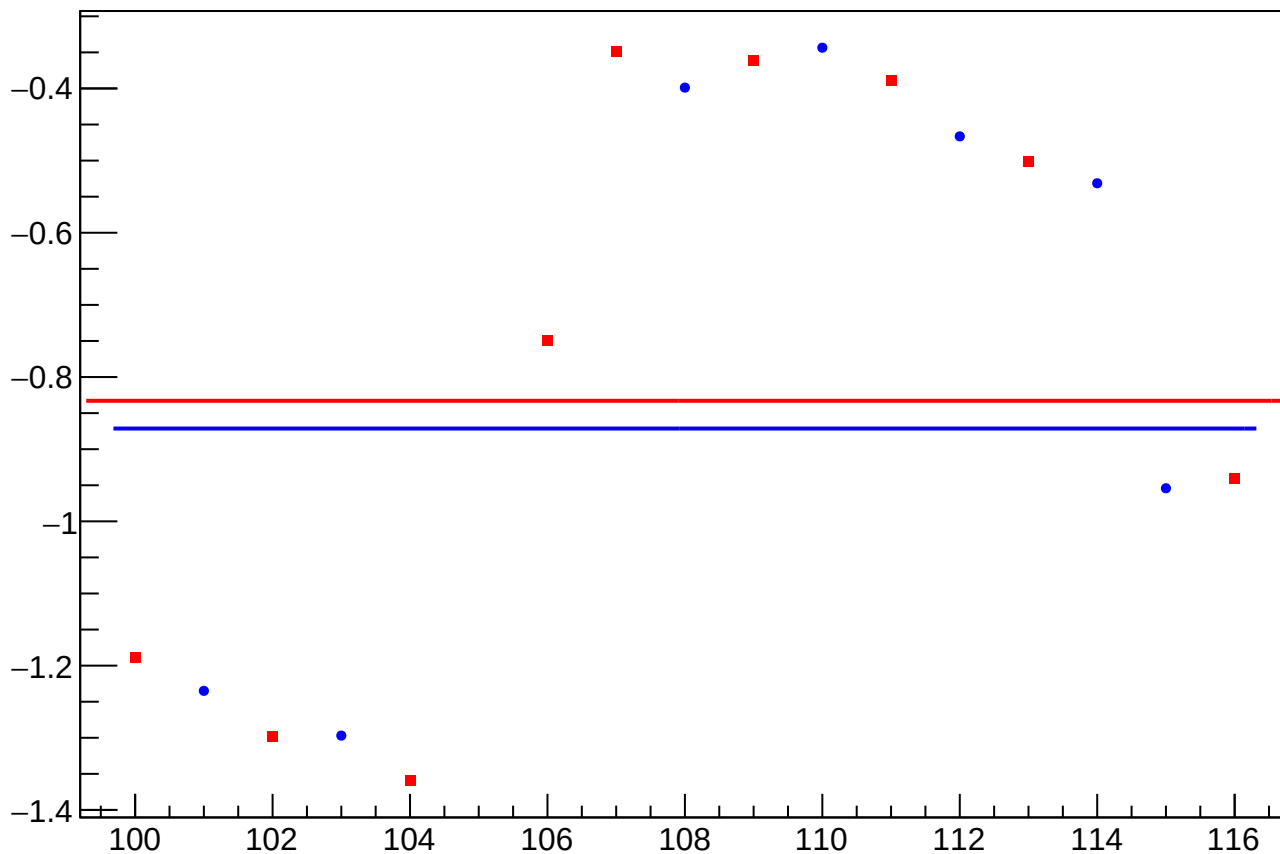
Right: 0.006+/-0.000 χ^2/NDF : 18200.1/15

In: 0.006+/-0.000 χ^2/NDF : 2535.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 18200.1/15

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.871+/-0.000 χ^2/NDF : 4082765386.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.833+/-0.000 χ^2/NDF : 5609369064.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

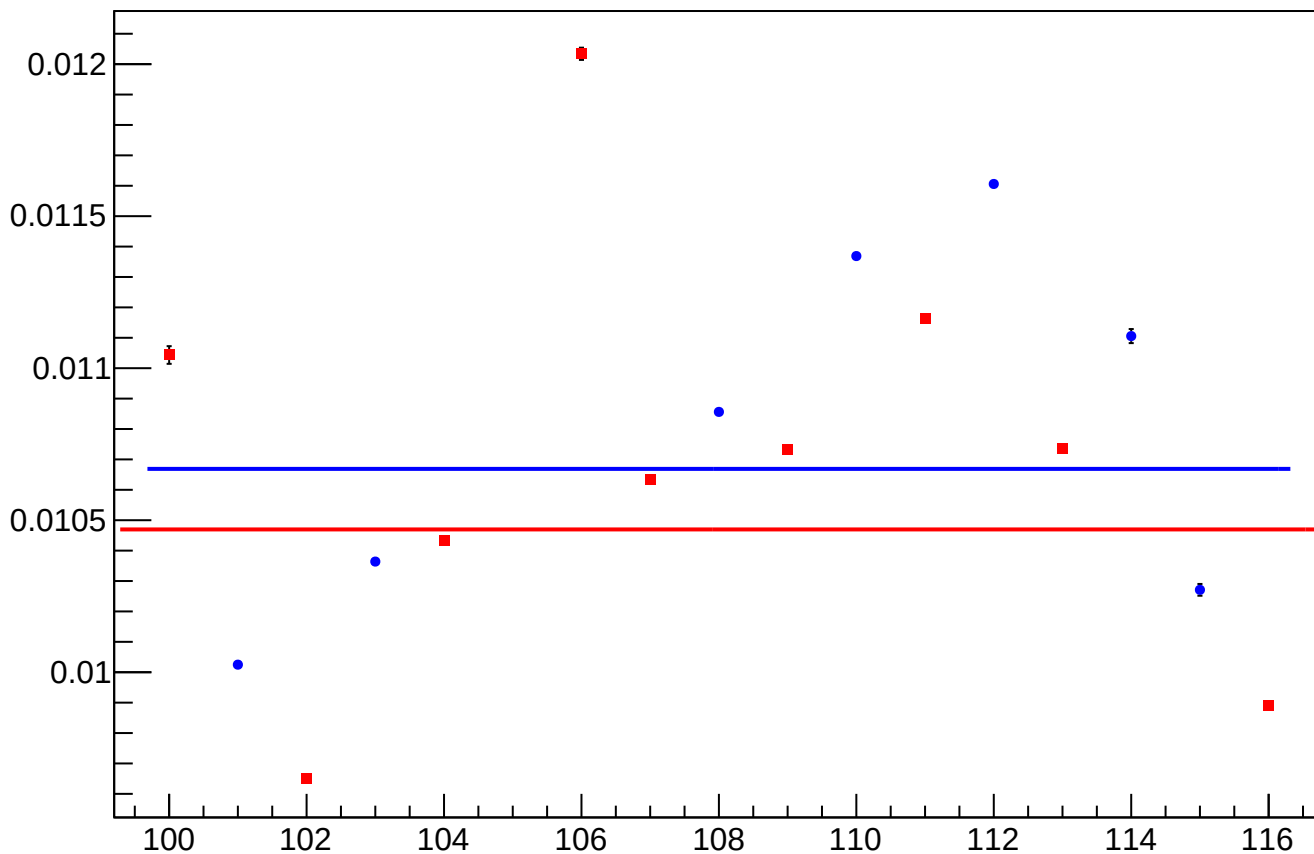
Right: -0.850+/-0.000 χ^2/NDF : 9711980029.7/15

In: -0.871+/-0.000 χ^2/NDF :4082765386.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.850+/-0.000 χ^2/NDF : 9711980029.7/15

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 16560.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 22286.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

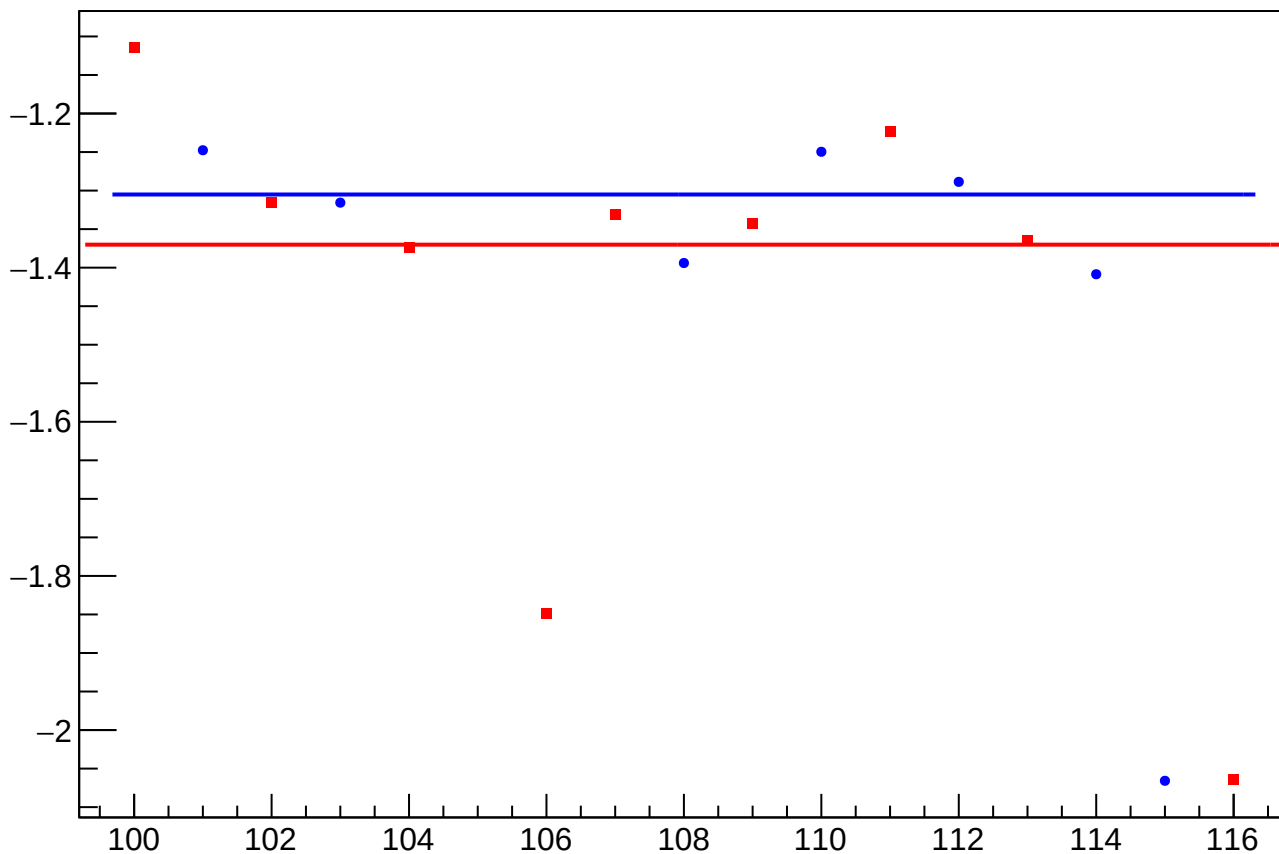
Right: 0.011+/-0.000 χ^2/NDF : 39912.2/15

In: 0.011+/-0.000 χ^2/NDF : 16560.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 39912.2/15

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.305+/-0.000 χ^2/NDF : 7945864980.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.370+/-0.000 χ^2/NDF : 20272686454.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

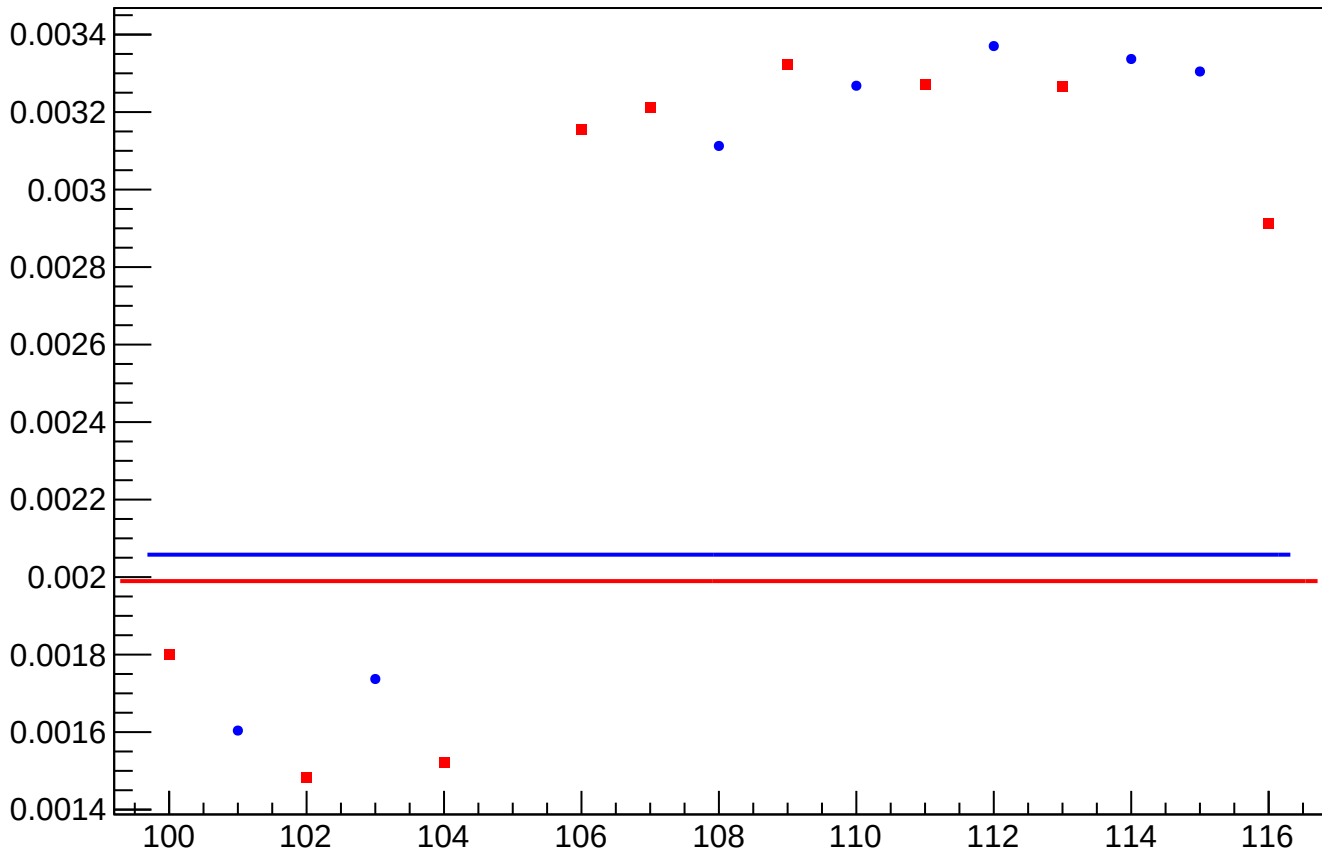
Right: -1.342+/-0.000 χ^2/NDF : 29463955283.3/15

In: -1.305+/-0.000 χ^2/NDF :7945864980.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.342+/-0.000 χ^2/NDF : 29463955283.3/15

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 504575.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 796367.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

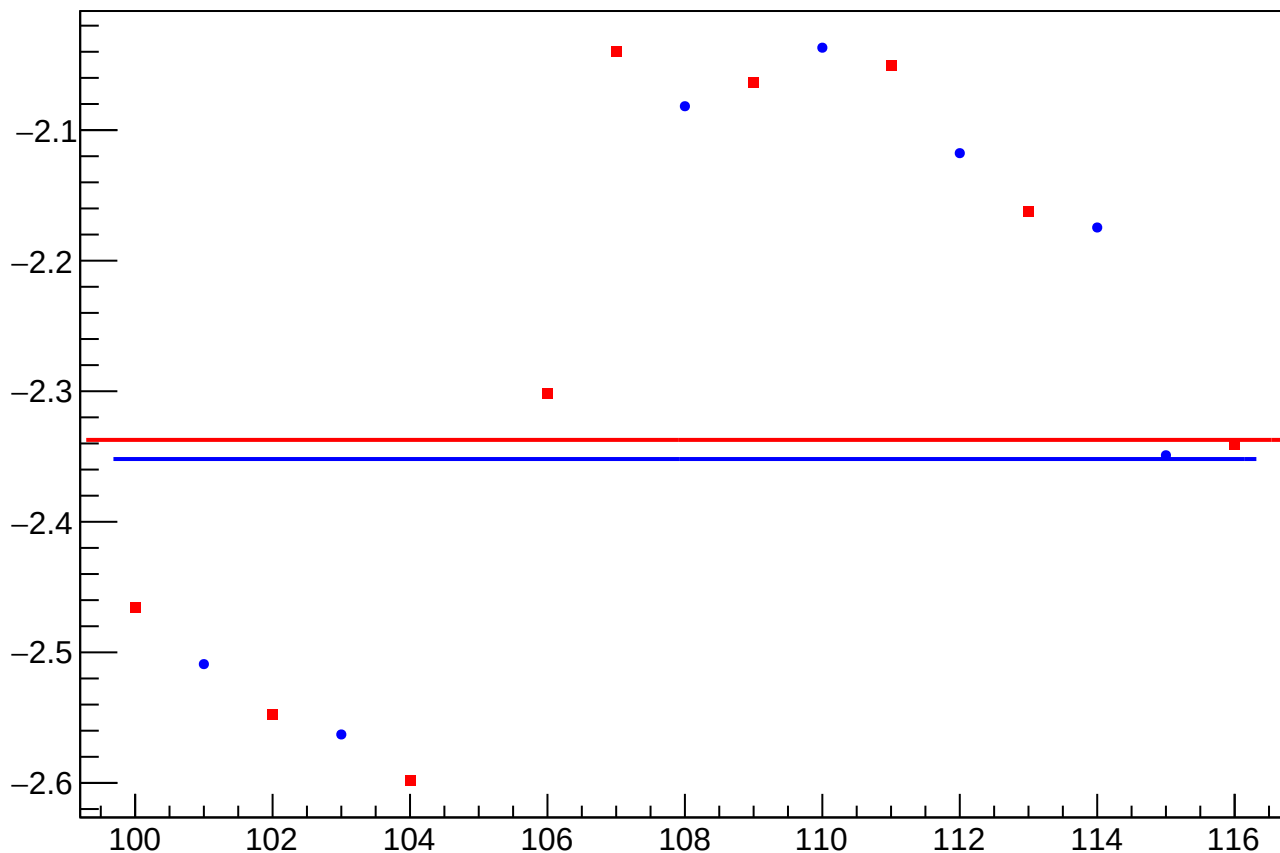
Right: 0.002+/-0.000 χ^2/NDF : 1303677.9/15

In: 0.002+/-0.000 χ^2/NDF : 504575.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1303677.9/15

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.352+/-0.000 χ^2/NDF : 3132368777.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.337+/-0.000 χ^2/NDF : 4428923400.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

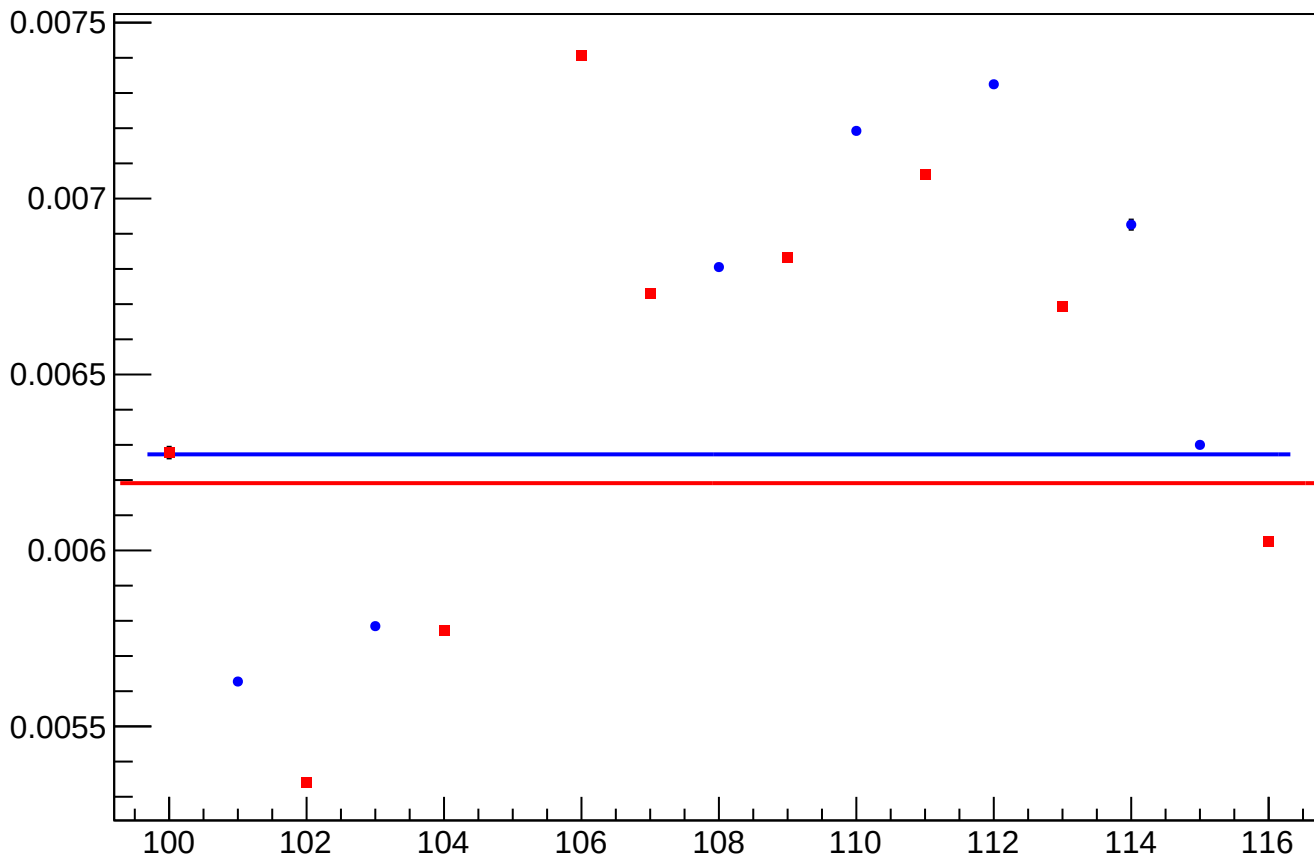
Right: -2.344+/-0.000 χ^2/NDF : 7569429215.2/15

In: -2.352+/-0.000 χ^2/NDF :3132368777.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.344+/-0.000 χ^2/NDF : 7569429215.2/1

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 63582.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 78934.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

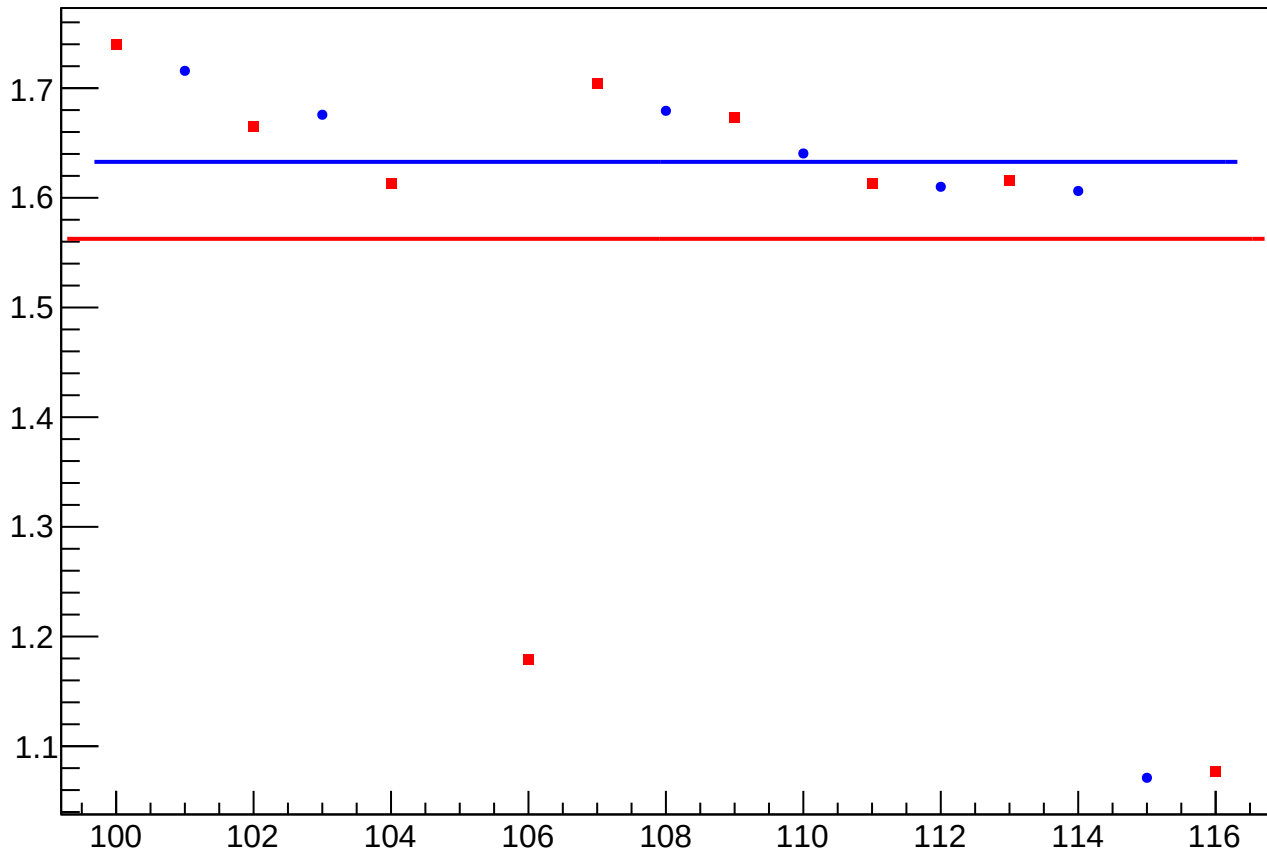
Right: 0.006+/-0.000 χ^2/NDF : 143023.8/15

In: 0.006+/-0.000 χ^2/NDF :63582.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 143023.8/15

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.633+/-0.000 χ^2/NDF : 10487489394.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.563+/-0.000 χ^2/NDF : 29027149857.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

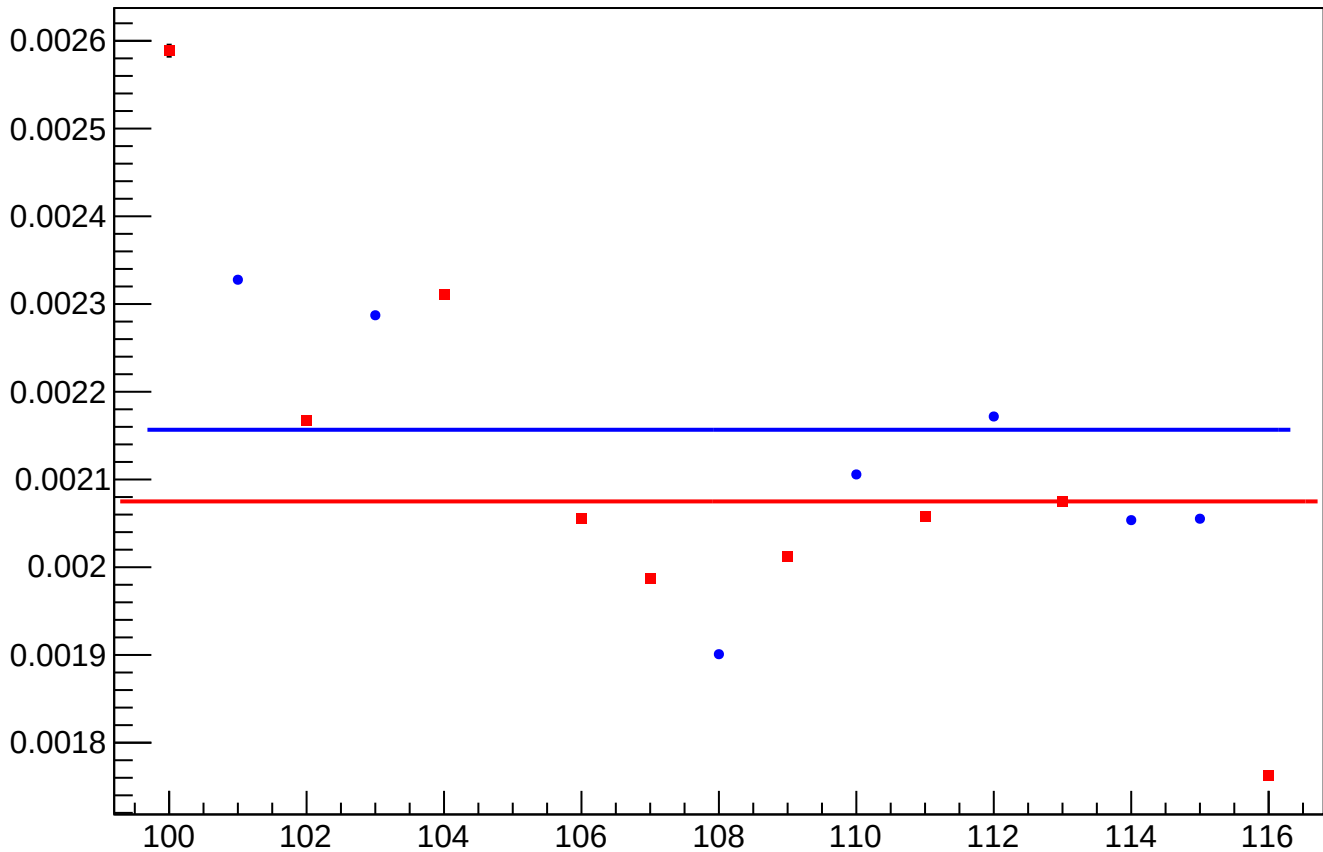
Right: 1.593+/-0.000 χ^2/NDF : 41065201456.1/15

In: 1.633+/-0.000 χ^2/NDF :10487489394.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.593+/-0.000 χ^2/NDF : 41065201456.1/15

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 25026.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 35933.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

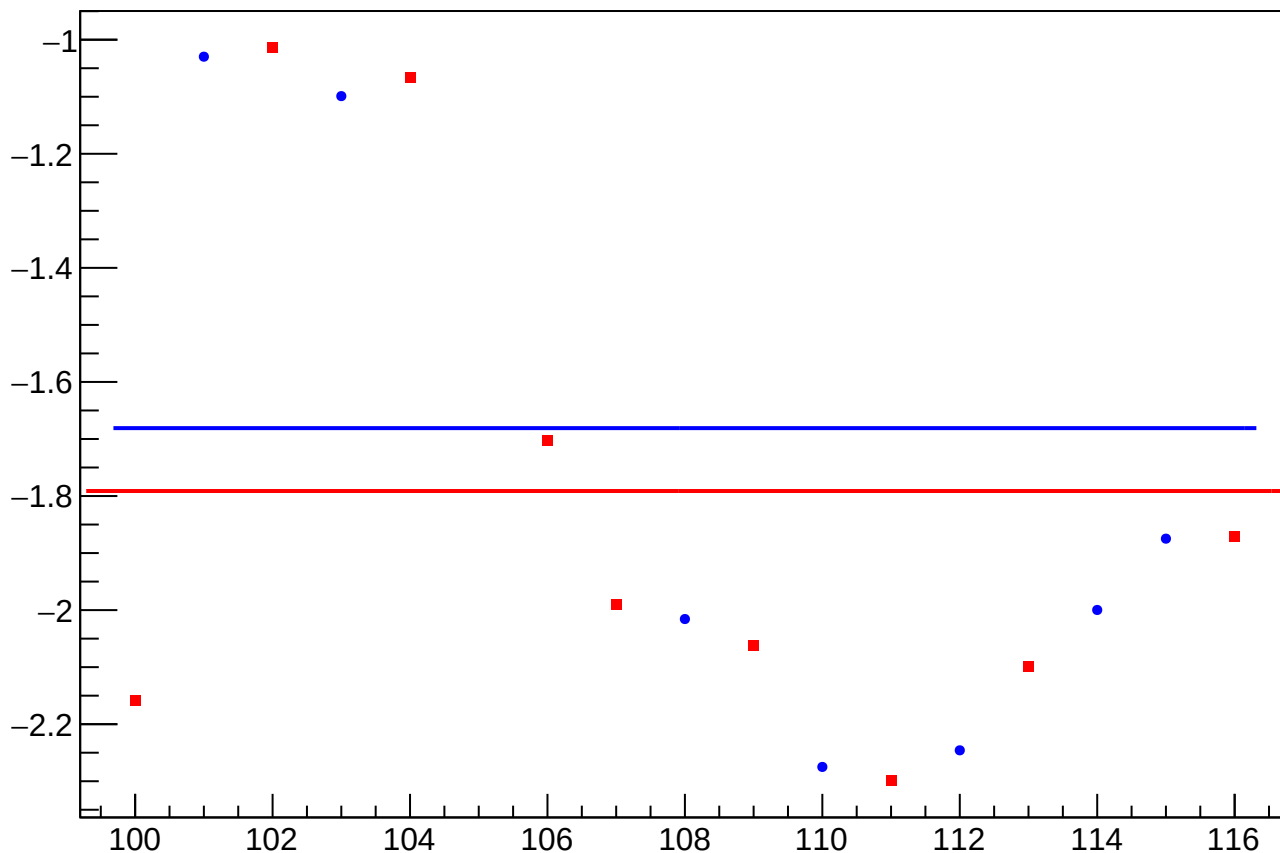
Right: 0.002+/-0.000 χ^2/NDF : 65160.3/15

In: 0.002+/-0.000 χ^2/NDF :25026.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 65160.3/15

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.681+/-0.000 χ^2/NDF : 16053599680.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.791+/-0.000 χ^2/NDF : 18550670699.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

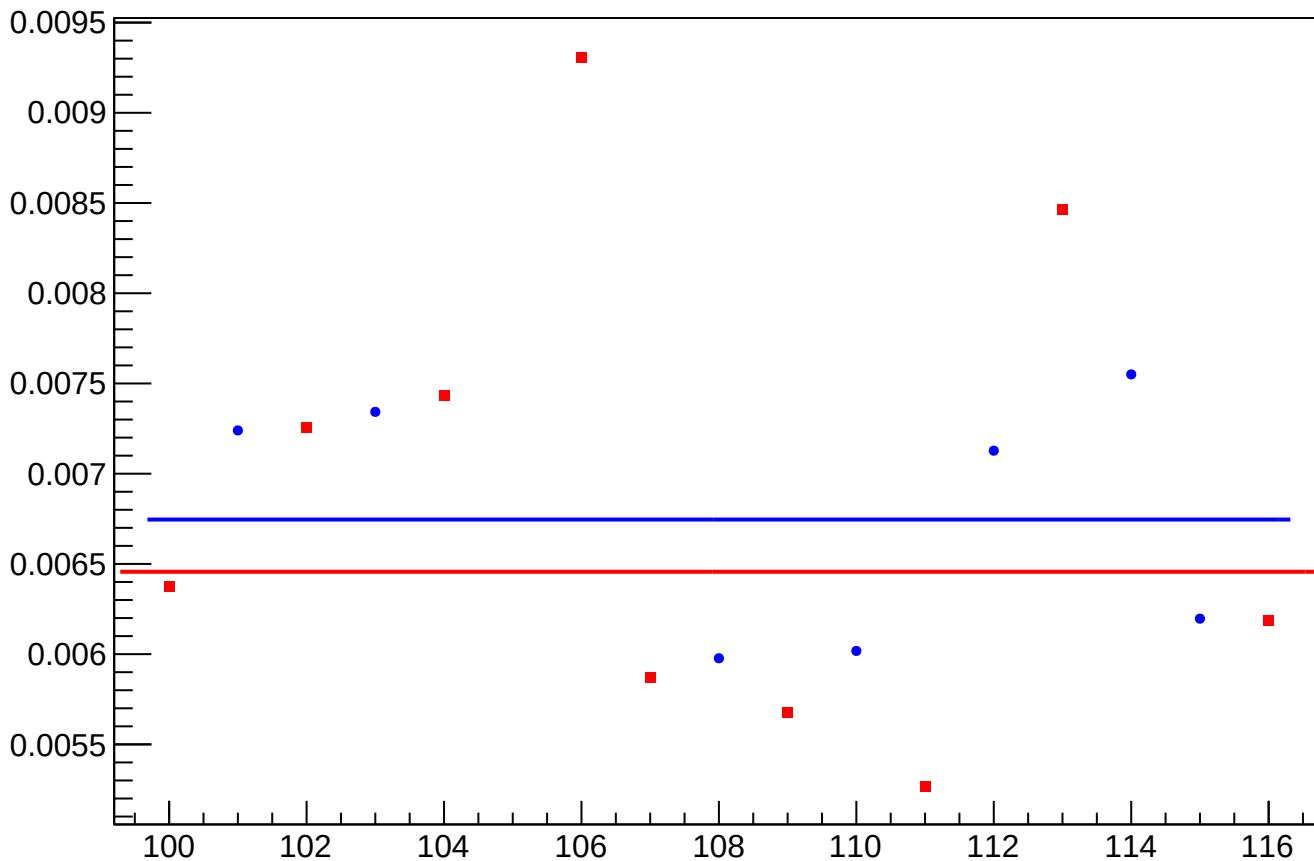
Right: -1.744+/-0.000 χ^2/NDF : 34996665019.1/15

In: -1.681+/-0.000 χ^2/NDF :16053599680.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.744+/-0.000 χ^2/NDF : 34996665019.1/15

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 43233.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 189365.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

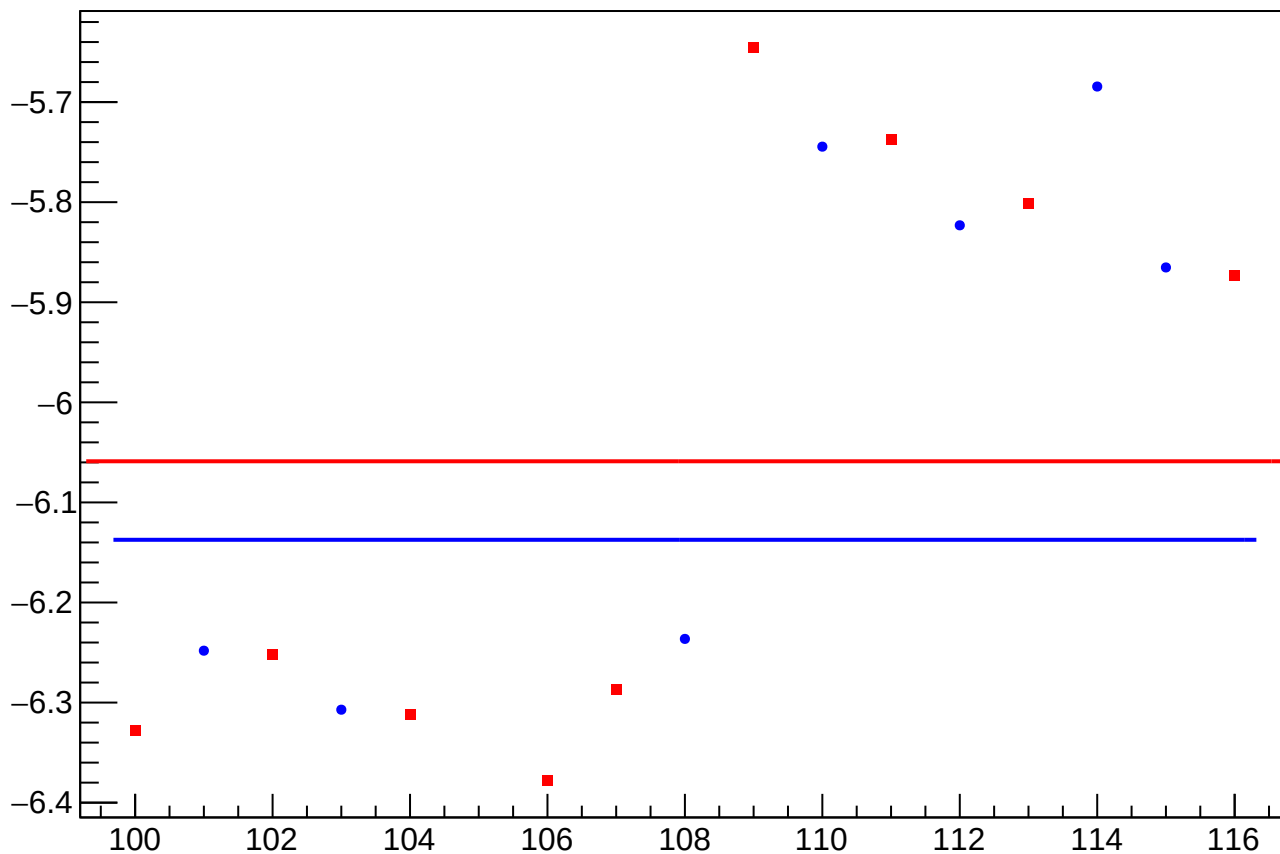
Right: 0.007+/-0.000 χ^2/NDF : 238008.2/15

In: 0.007+/-0.000 χ^2/NDF :43233.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 238008.2/15

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.137+/-0.000 χ^2/NDF : 3640964491.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.059+/-0.000 χ^2/NDF : 7829172025.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

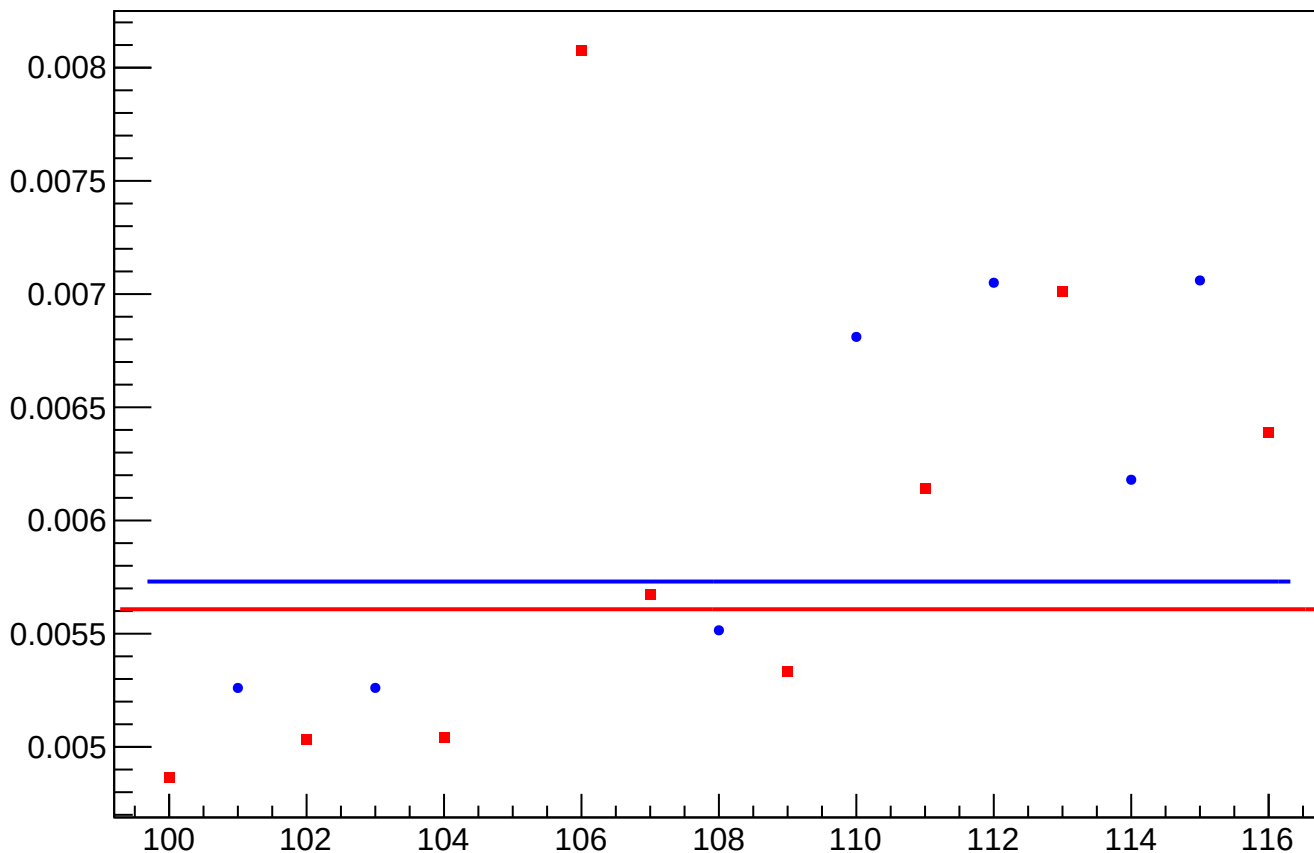
Right: -6.093+/-0.000 χ^2/NDF : 11736251907.2/15

In: -6.137+/-0.000 χ^2/NDF :3640964491.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.093+/-0.000 χ^2/NDF : 11736251907.2/15

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 75767.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 129532.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

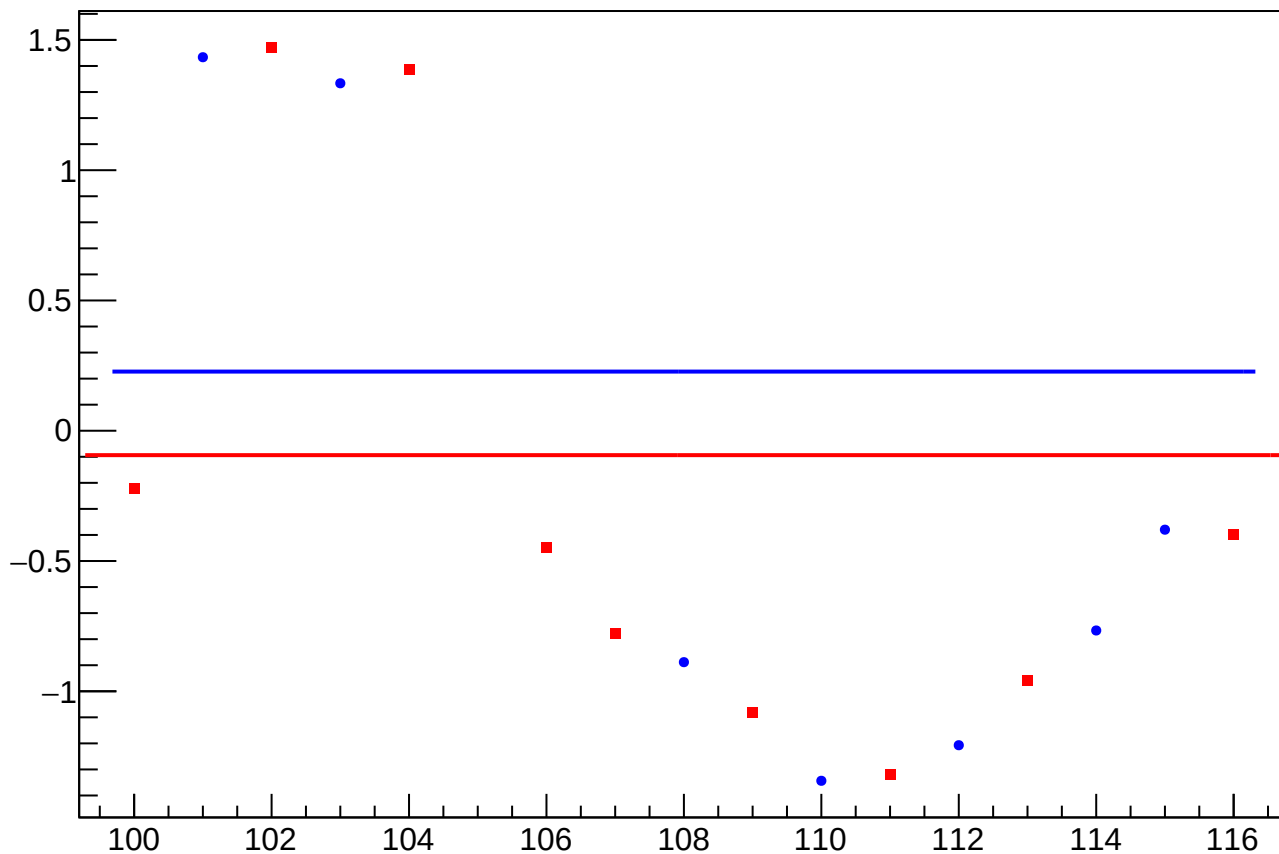
Right: 0.006+/-0.000 χ^2/NDF : 206596.2/15

In: 0.006+/-0.000 χ^2/NDF : 75767.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 206596.2/15

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.227+/-0.000 χ^2/NDF : 16197780844.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.094+/-0.000 χ^2/NDF : 20619491794.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

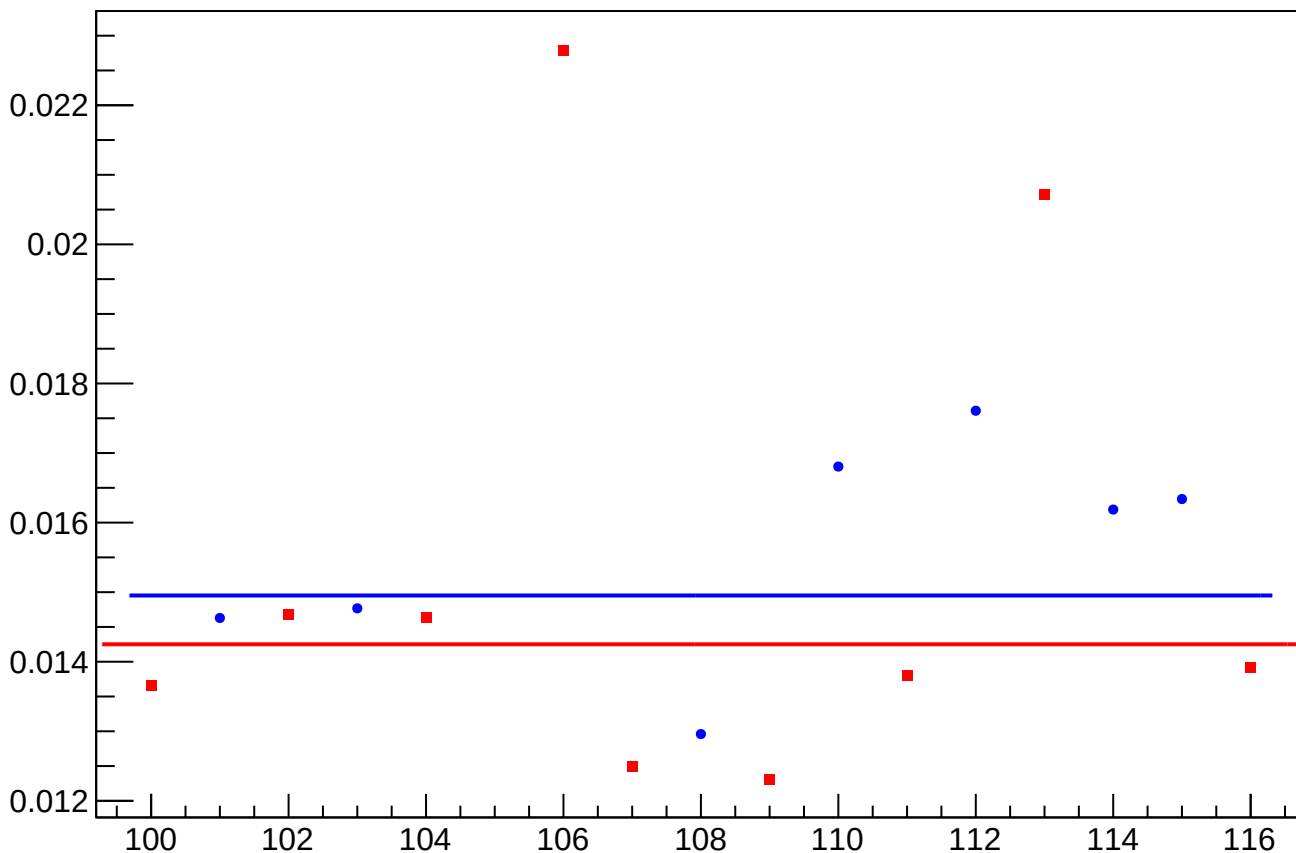
Right: 0.042+/-0.000 χ^2/NDF : 37475953730.1/15

In: 0.227+/-0.000 χ^2/NDF :16197780844.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.042+/-0.000 χ^2/NDF : 37475953730.1/15

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 45545.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 160689.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

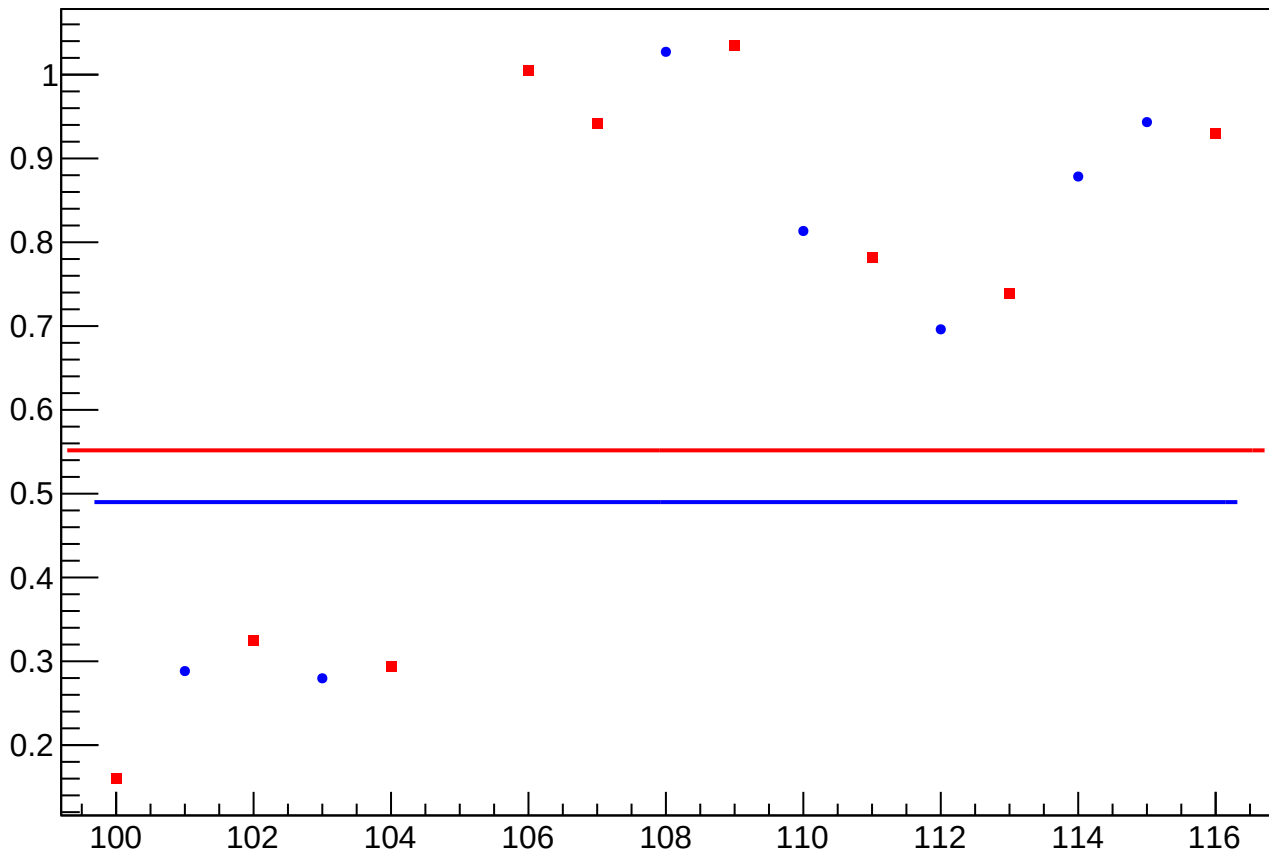
Right: 0.015+/-0.000 χ^2/NDF : 212538.2/15

In: 0.015+/-0.000 χ^2/NDF : 45545.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 212538.2/15

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.490+/-0.000 χ^2/NDF : 3595979249.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.552+/-0.000 χ^2/NDF : 4789009174.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

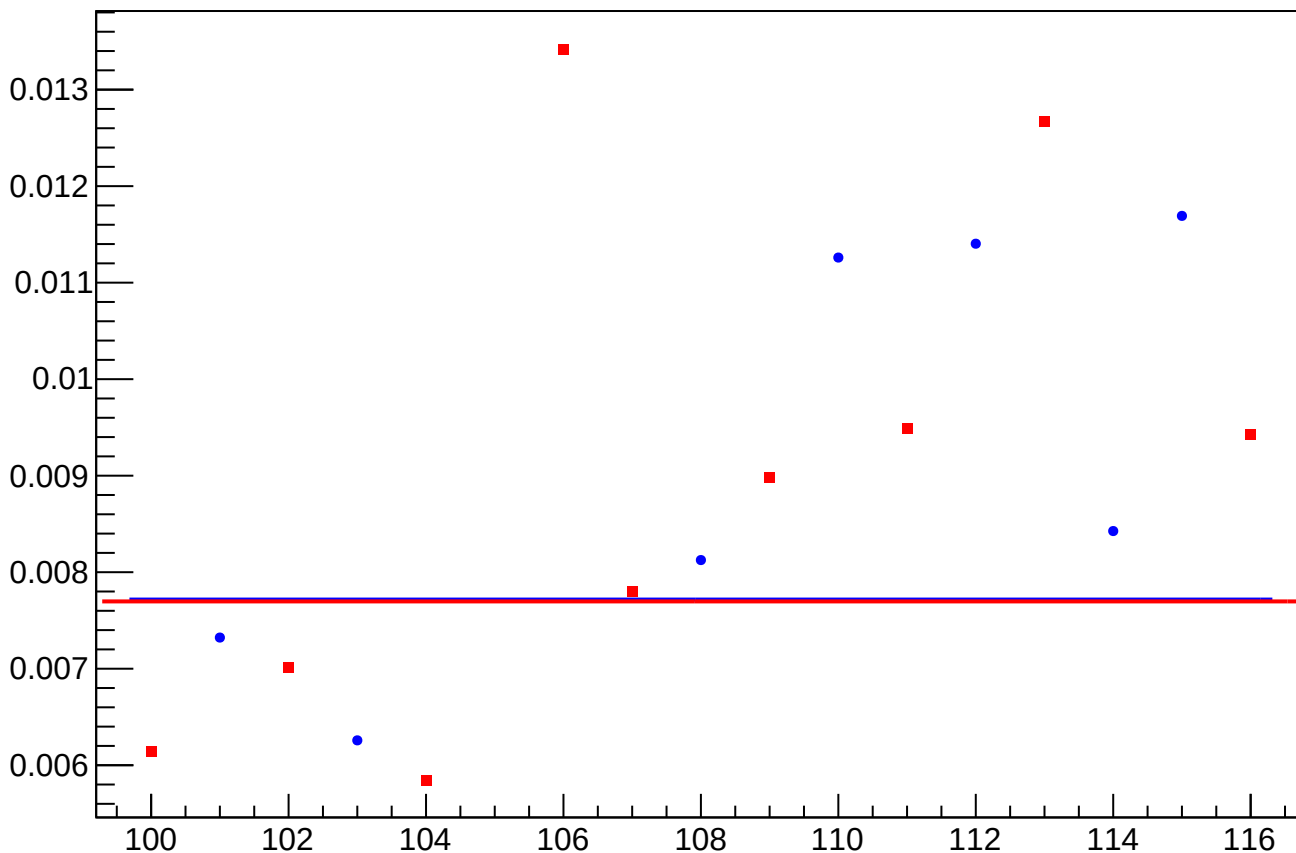
Right: 0.524+/-0.000 χ^2/NDF : 8469489481.1/15

In: 0.490+/-0.000 χ^2/NDF :3595979249.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.524+/-0.000 χ^2/NDF : 8469489481.1/15

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 236637.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 366588.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

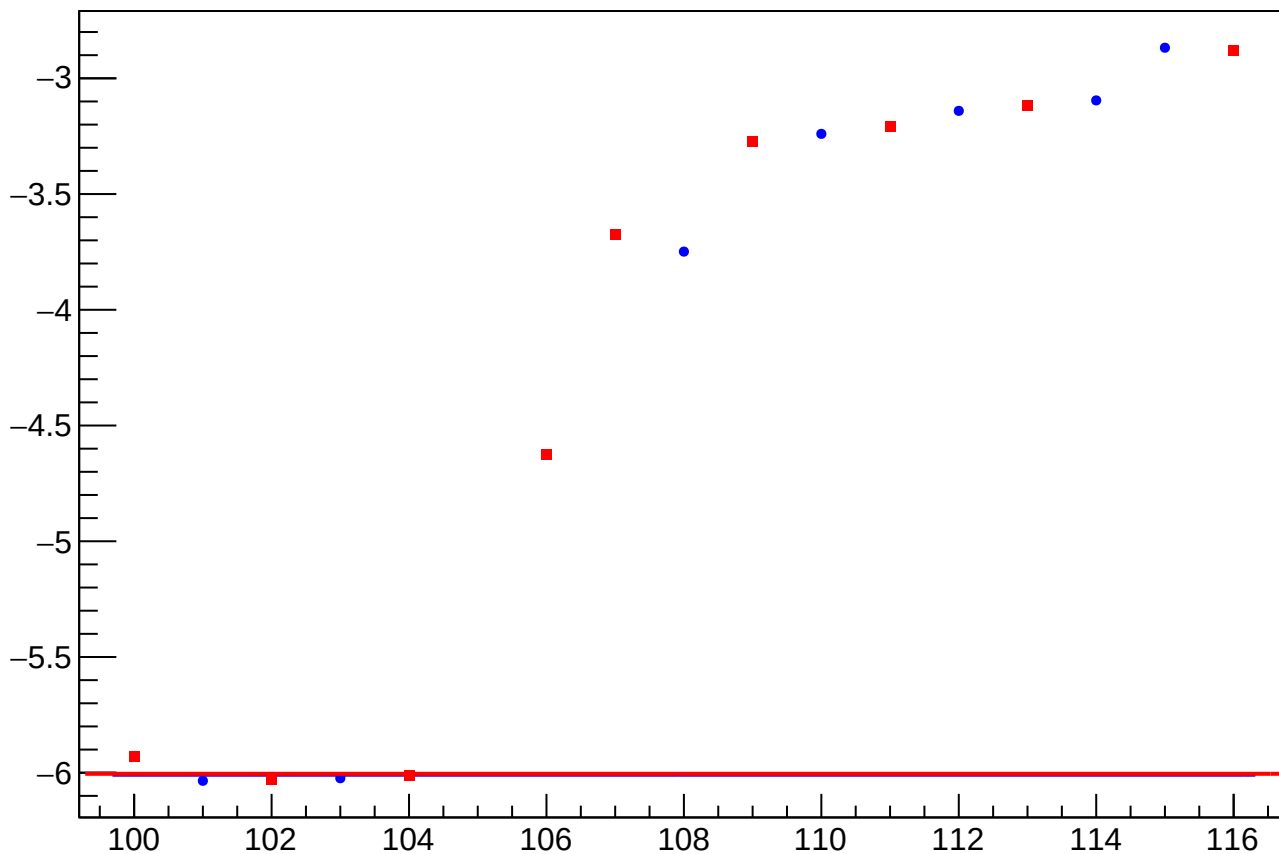
Right: 0.008+/-0.000 χ^2/NDF : 603241.9/15

In: 0.008+/-0.000 χ^2/NDF : 236637.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 603241.9/15

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.009+/-0.000 χ^2/NDF : 2532787858.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.005+/-0.000 χ^2/NDF : 1683620518.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

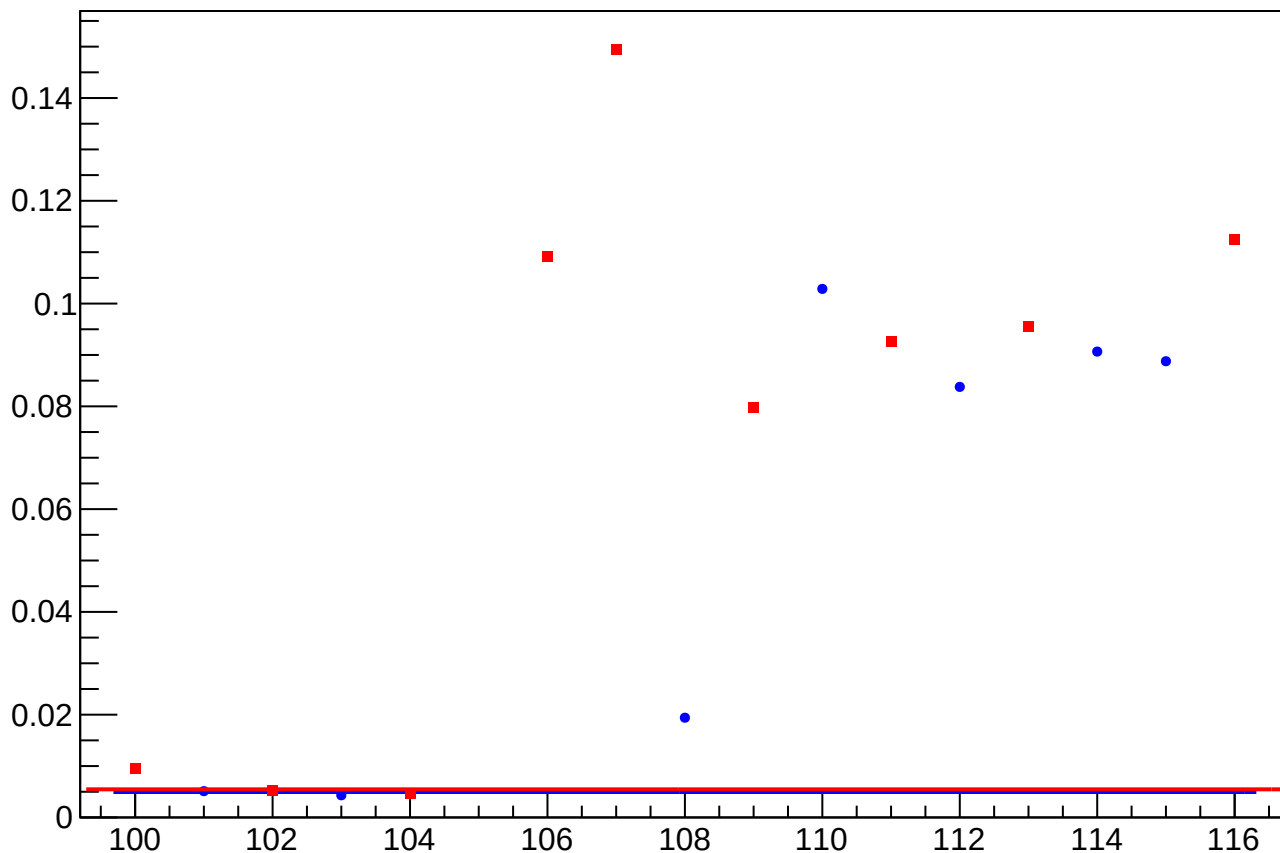
Right: -6.007+/-0.000 χ^2/NDF : 4216752629.7/15

In: -6.009+/-0.000 χ^2/NDF :2532787858.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.007+/-0.000 χ^2/NDF : 4216752629.7/1

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2017452.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3838122.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

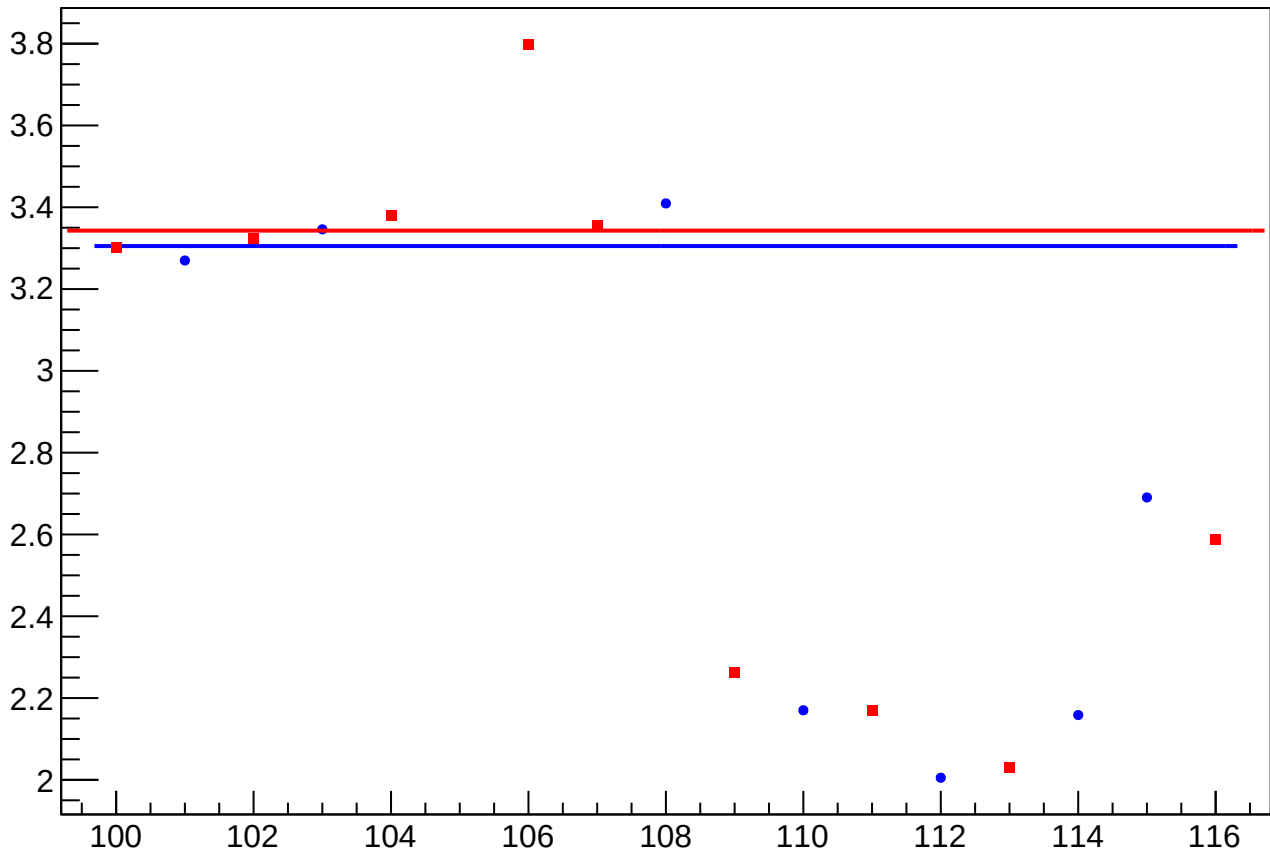
Right: 0.005+/-0.000 χ^2/NDF : 5867794.5/15

In: 0.005+/-0.000 χ^2/NDF : 2017452.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5867794.5/15

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.305+/-0.000 χ^2/NDF : 214174511.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.343+/-0.000 χ^2/NDF : 271411556.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

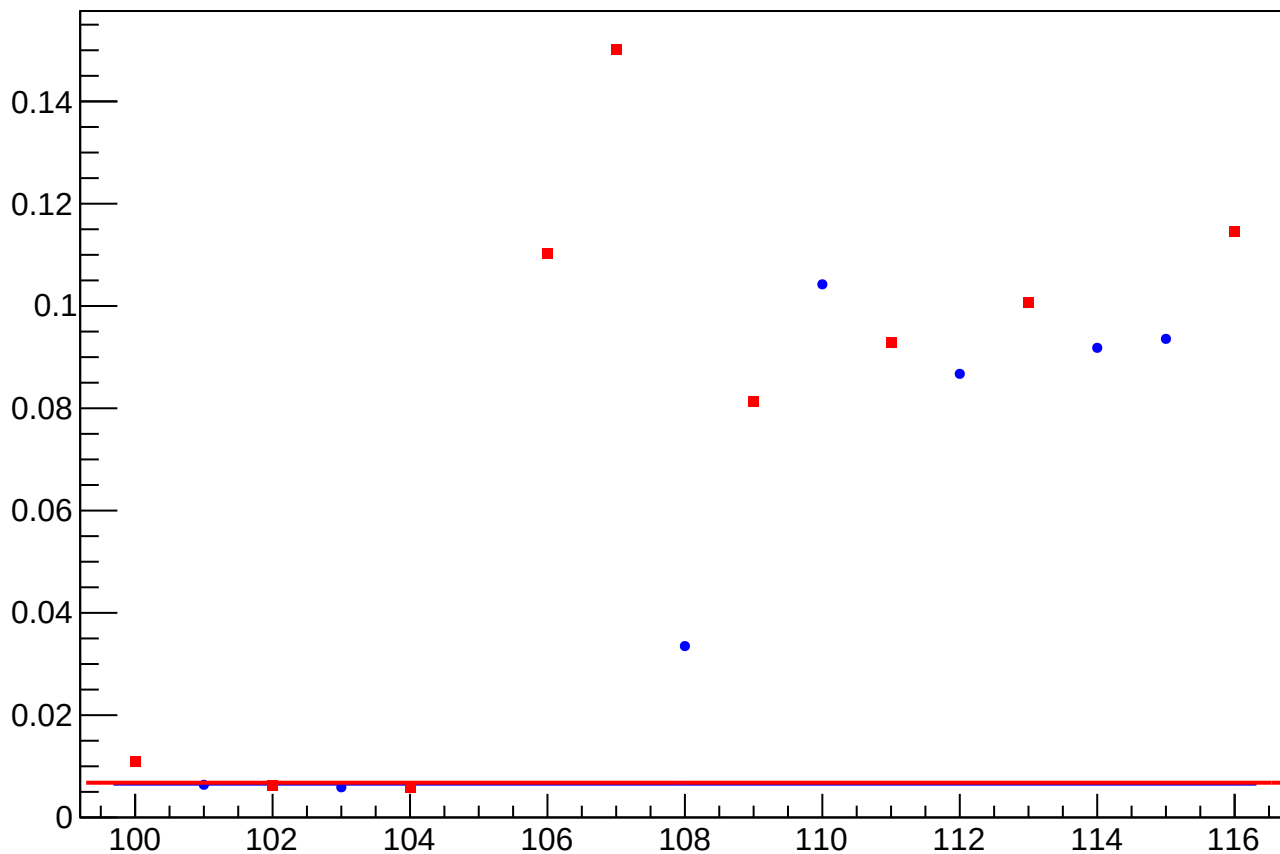
Right: 3.323+/-0.000 χ^2/NDF : 506544547.0/15

In: 3.305+/-0.000 χ^2/NDF : 214174511.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.323+/-0.000 χ^2/NDF : 506544547.0/15

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2036072.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 3728914.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

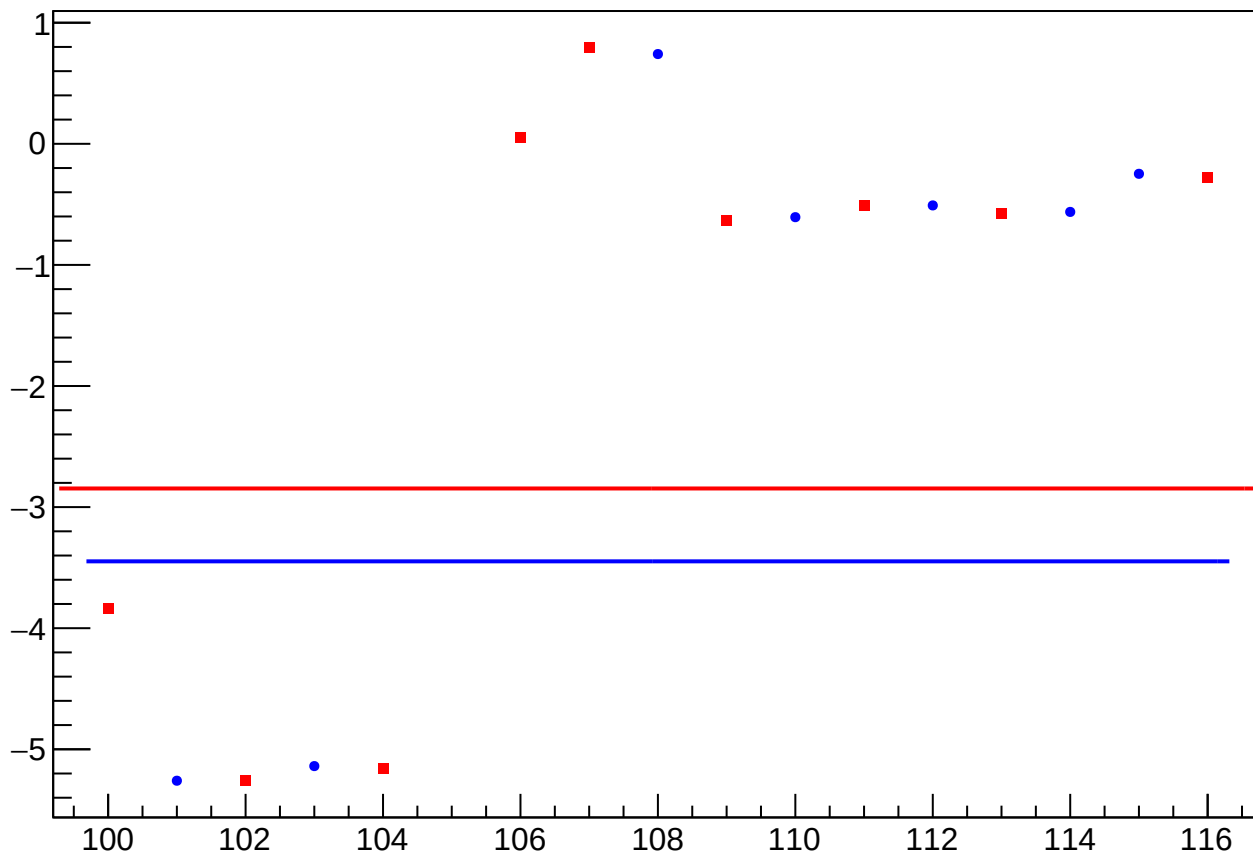
Right: 0.007+/-0.000 χ^2/NDF : 5765955.4/15

In: 0.007+/-0.000 χ^2/NDF :2036072.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5765955.4/15

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.448+/-0.000 χ^2/NDF : 79716267668.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.846+/-0.000 χ^2/NDF : 97512306157.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

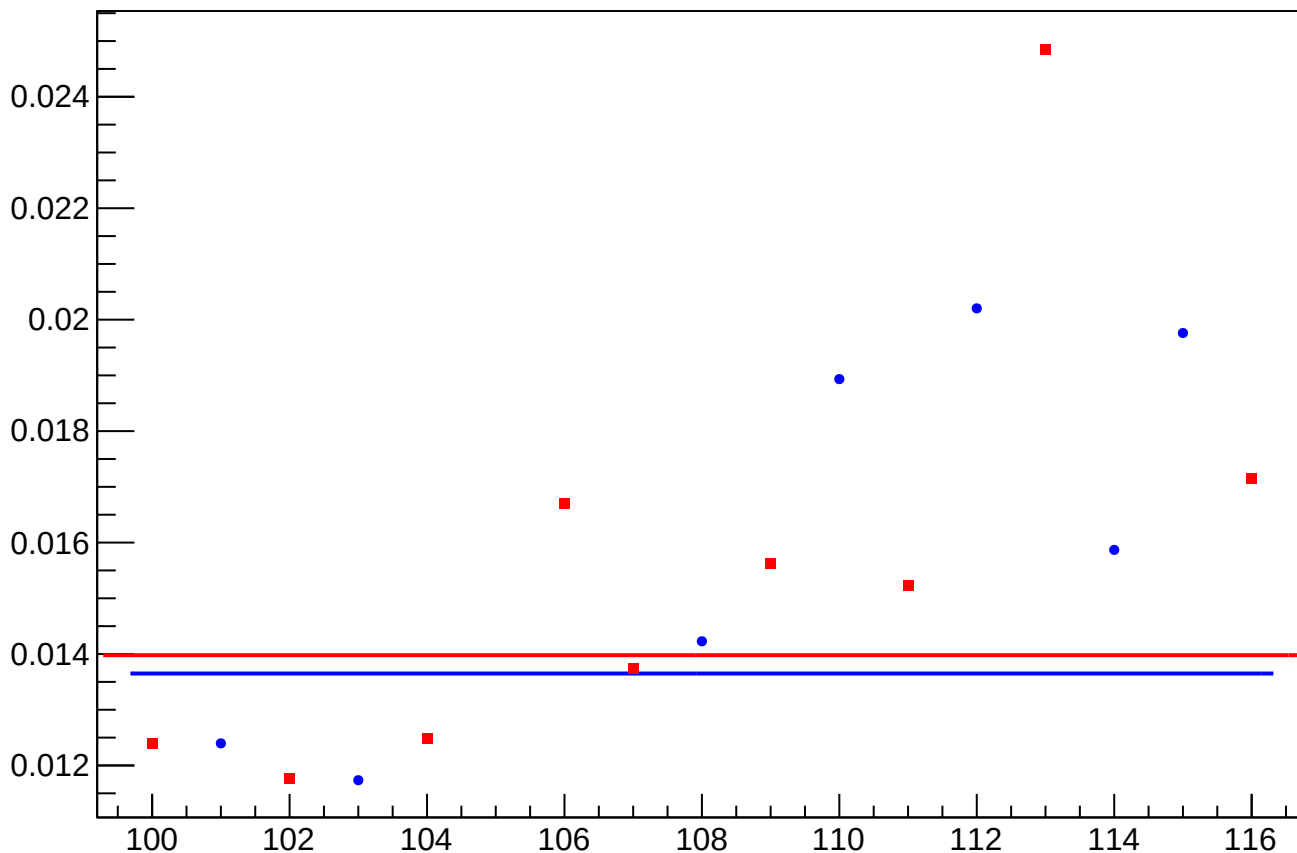
Right: -3.116+/-0.000 χ^2/NDF : 179779349209.0/15

In: -3.448+/-0.000 χ^2/NDF : 79716267668.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.116+/-0.000 χ^2/NDF : 179779349209.0

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 188332.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 232293.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

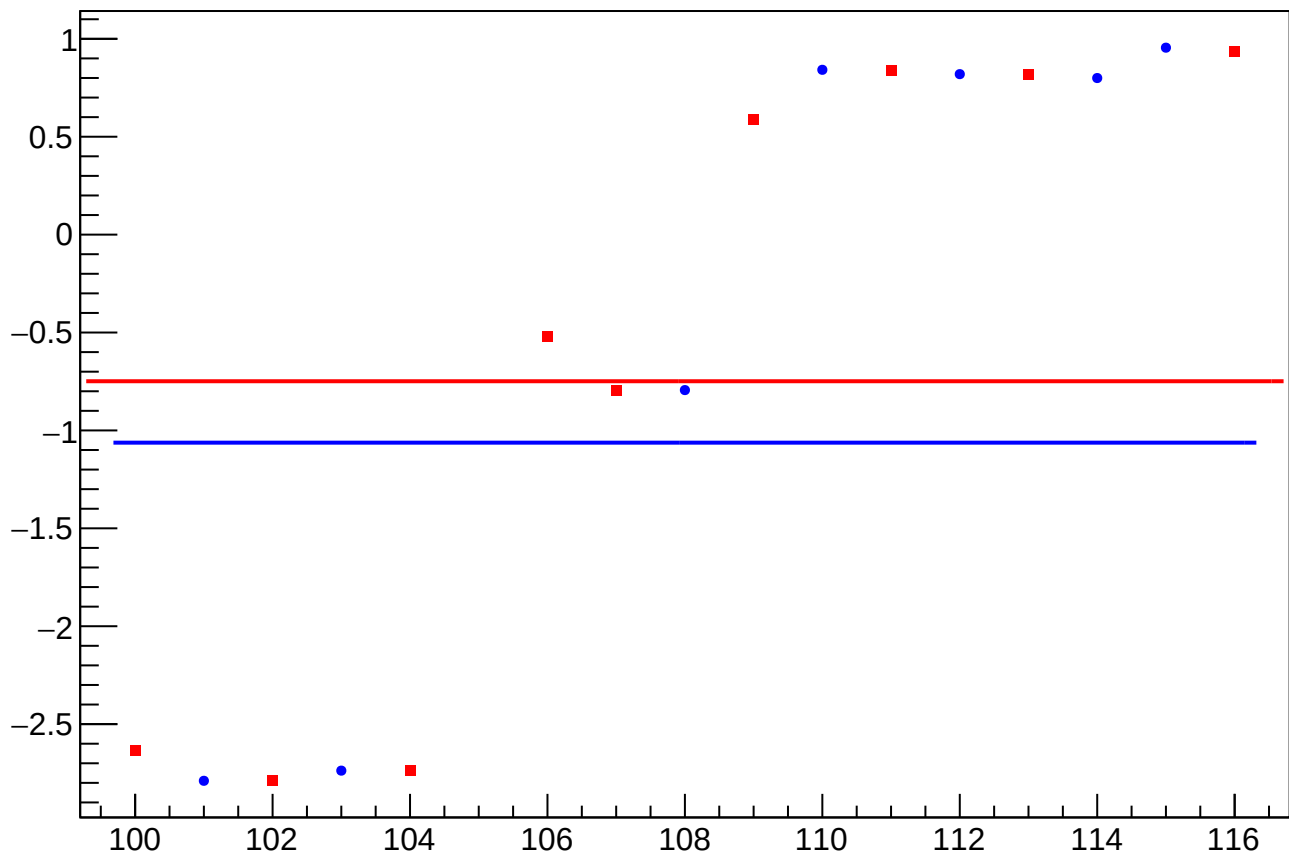
Right: 0.014+/-0.000 χ^2/NDF : 422145.5/15

In: 0.014+/-0.000 χ^2/NDF : 188332.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 422145.5/15

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.062+/-0.000 χ^2/NDF : 476888293795.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.749+/-0.000 χ^2/NDF : 633147878041.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

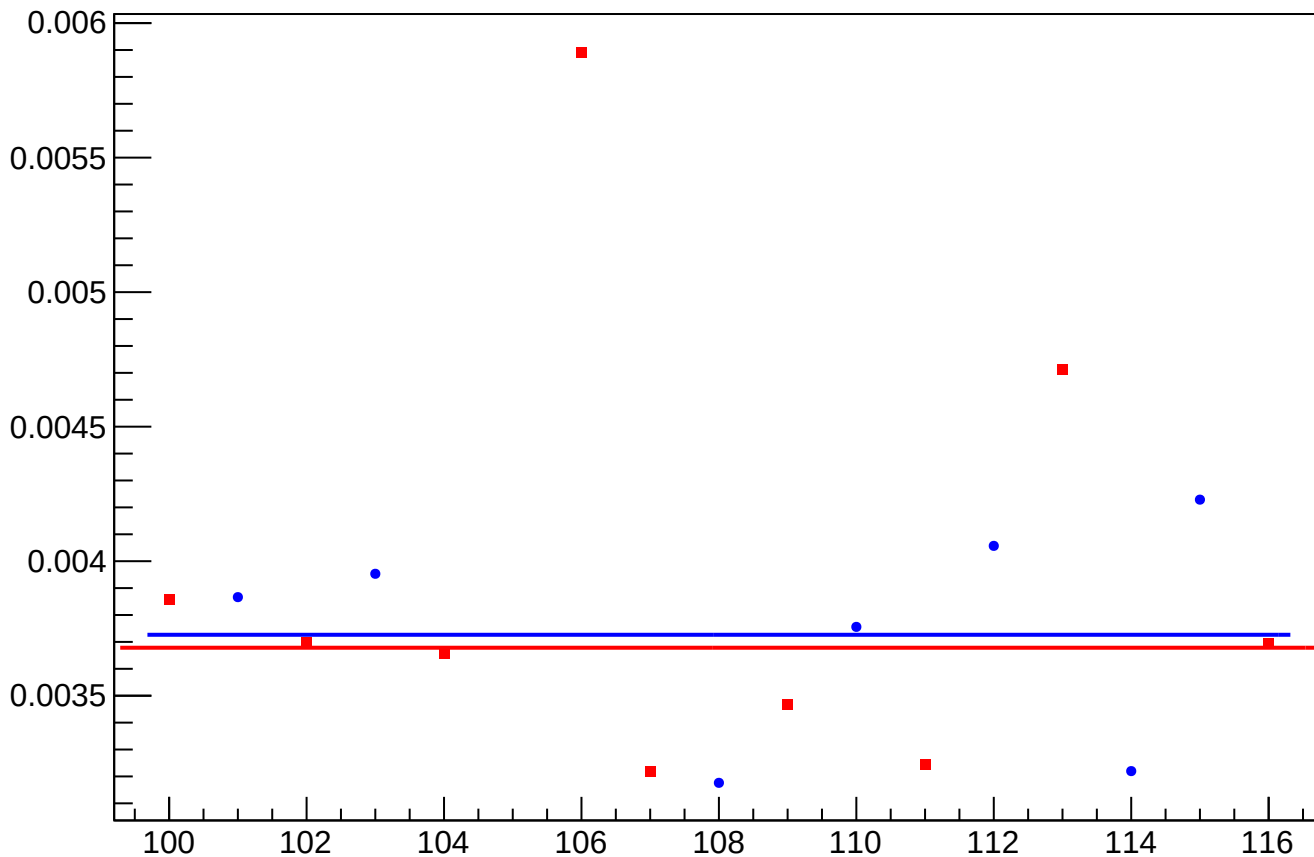
Right: -0.886+/-0.000 χ^2/NDF : 1120335492706.4/1

In: -1.062+/-0.000 χ^2/NDF :476888293795.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.886+/-0.000 χ^2/NDF : 1120335492706

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 43640.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 147131.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

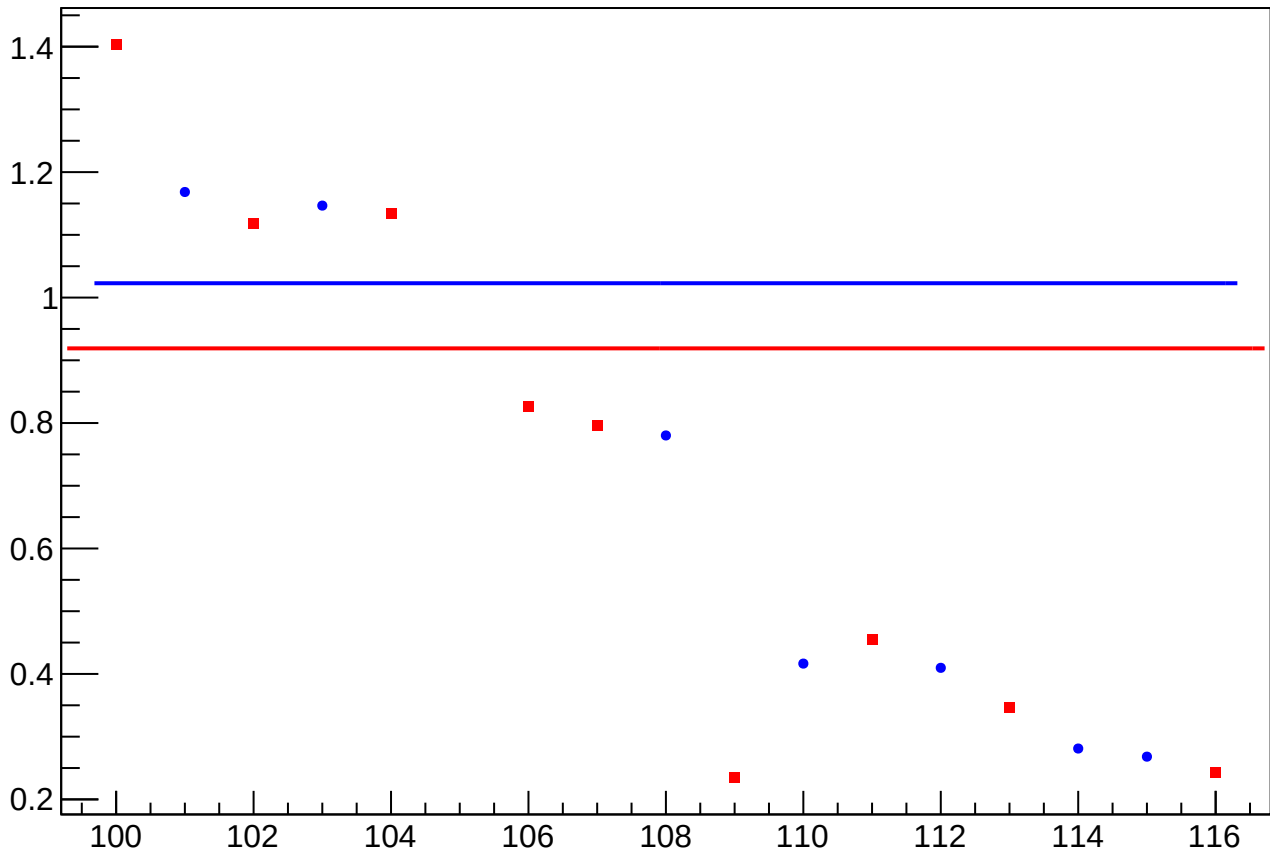
Right: 0.004+/-0.000 χ^2/NDF : 191256.9/15

In: 0.004+/-0.000 χ^2/NDF : 43640.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 191256.9/15

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.023+/-0.000 χ^2/NDF : 6744106522.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.919+/-0.000 χ^2/NDF : 12116955117.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

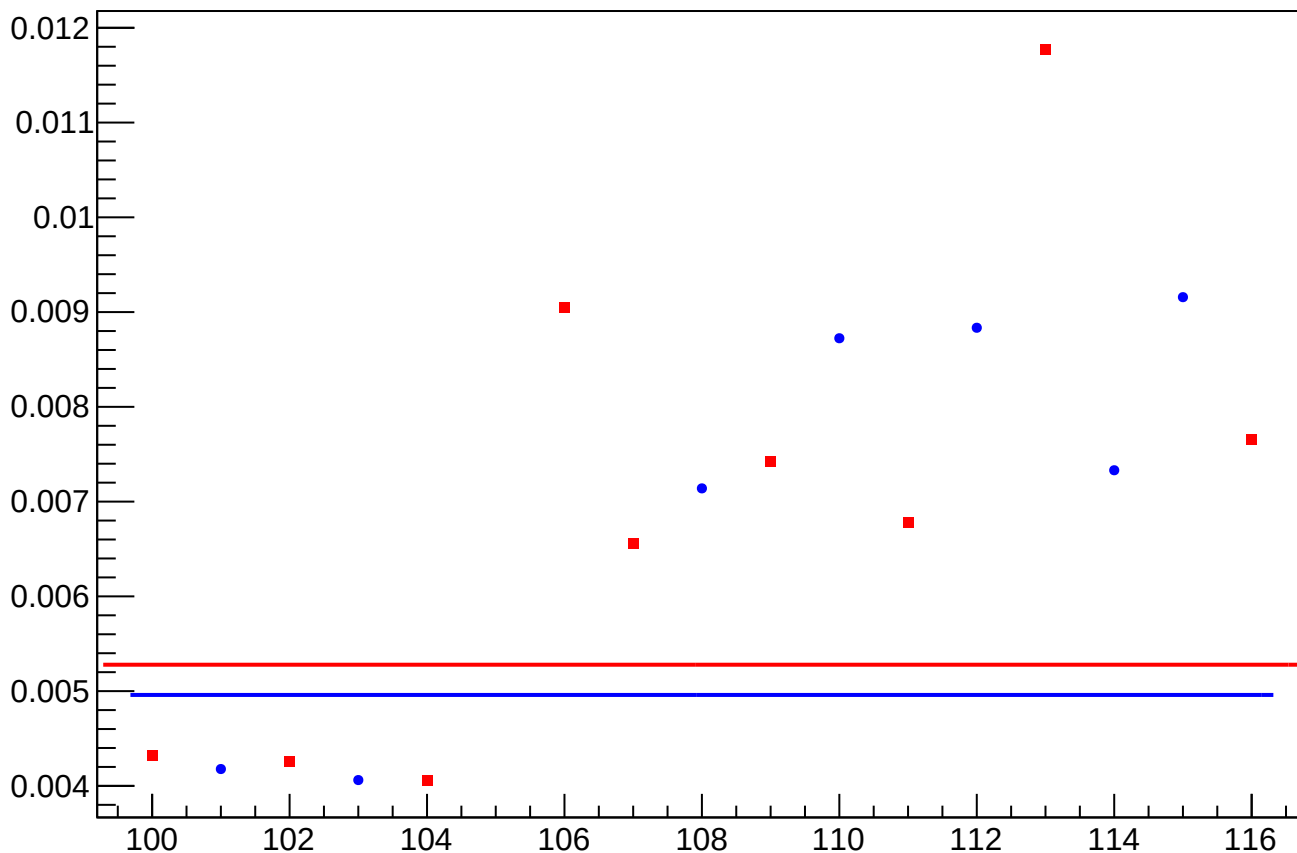
Right: 0.968+/-0.000 χ^2/NDF : 19372929768.9/15

In: 1.023+/-0.000 χ^2/NDF : 6744106522.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.968+/-0.000 χ^2/NDF : 19372929768.9/15

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 489529.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 636662.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

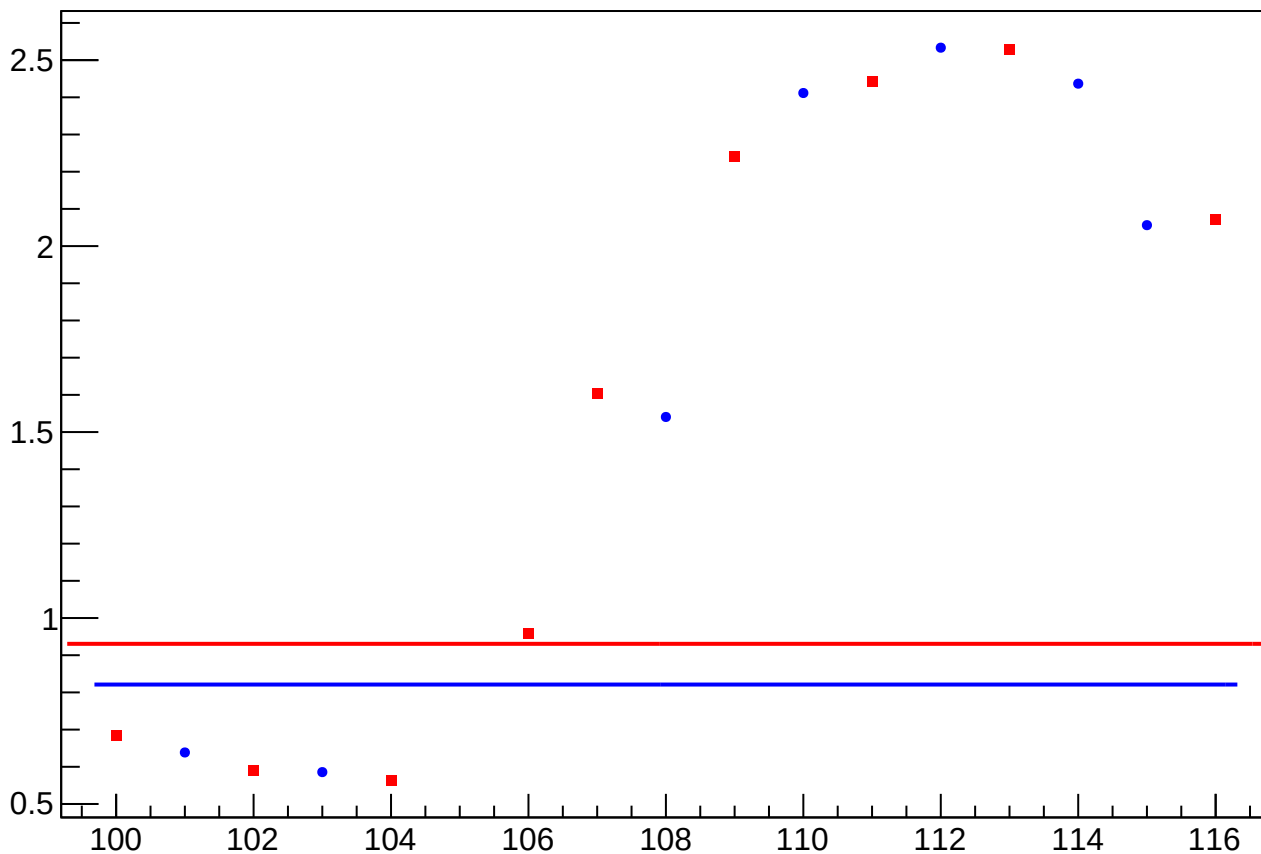
Right: 0.005+/-0.000 χ^2/NDF : 1135848.5/15

In: 0.005+/-0.000 χ^2/NDF :489529.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1135848.5/15

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.821+/-0.000 χ^2/NDF : 29532576022.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.931+/-0.000 χ^2/NDF : 51352228387.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

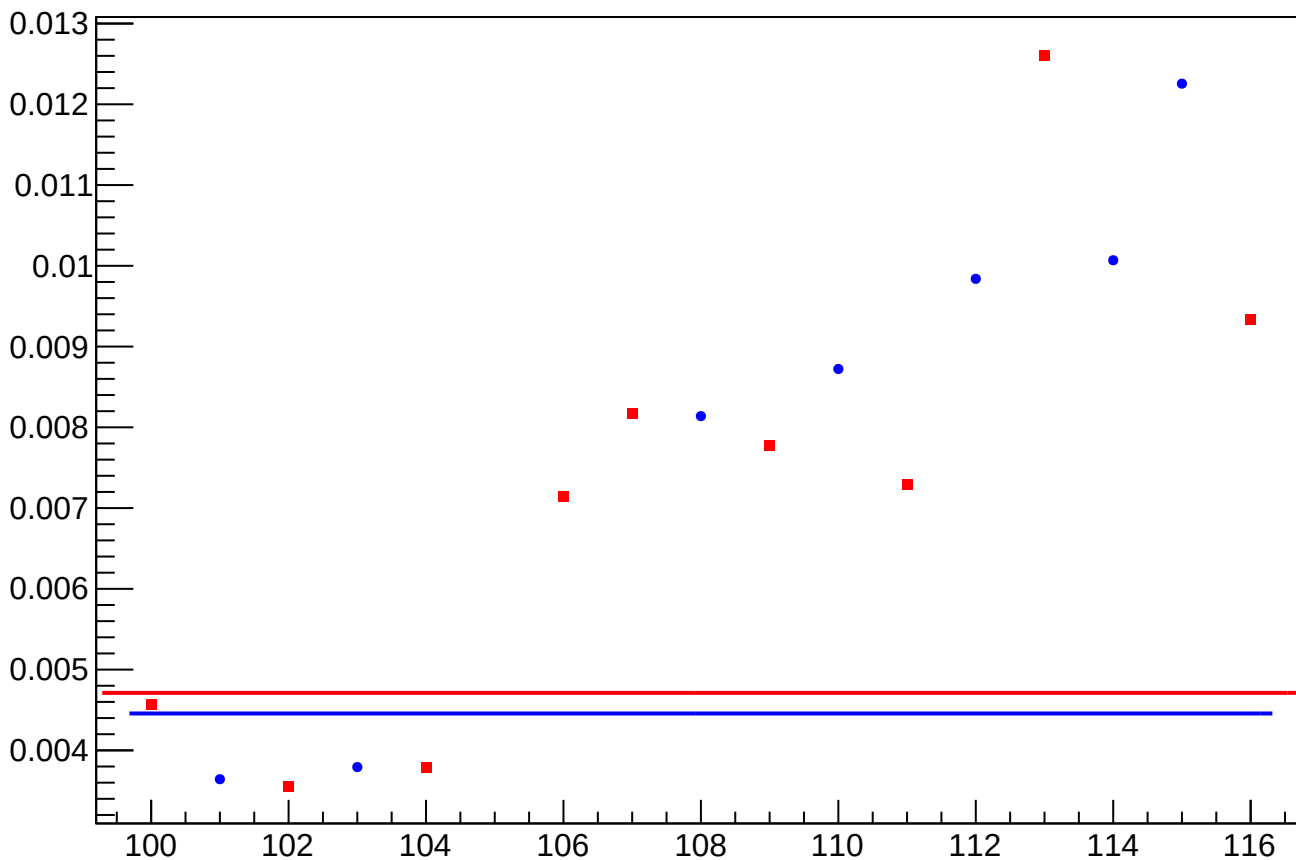
Right: 0.879+/-0.000 χ^2/NDF : 81530334110.4/15

In: 0.821+/-0.000 χ^2/NDF : 29532576022.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.879+/-0.000 χ^2/NDF : 81530334110.4/15

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 717795.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 881017.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

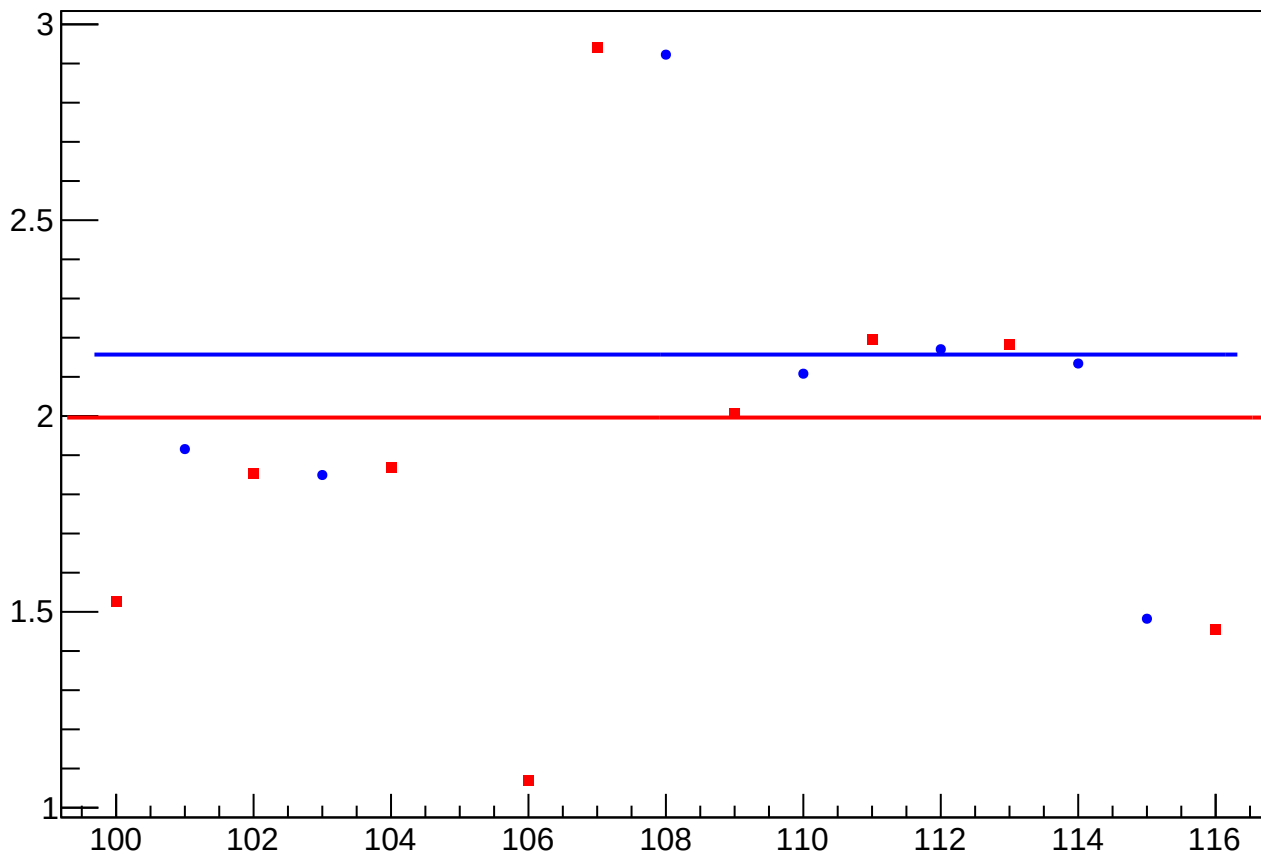
Right: 0.005+/-0.000 χ^2/NDF : 1605813.5/15

In: 0.004+/-0.000 χ^2/NDF : 717795.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1605813.5/15

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.157+/-0.000 χ^2/NDF : 8986720851.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.996+/-0.000 χ^2/NDF : 13131088252.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

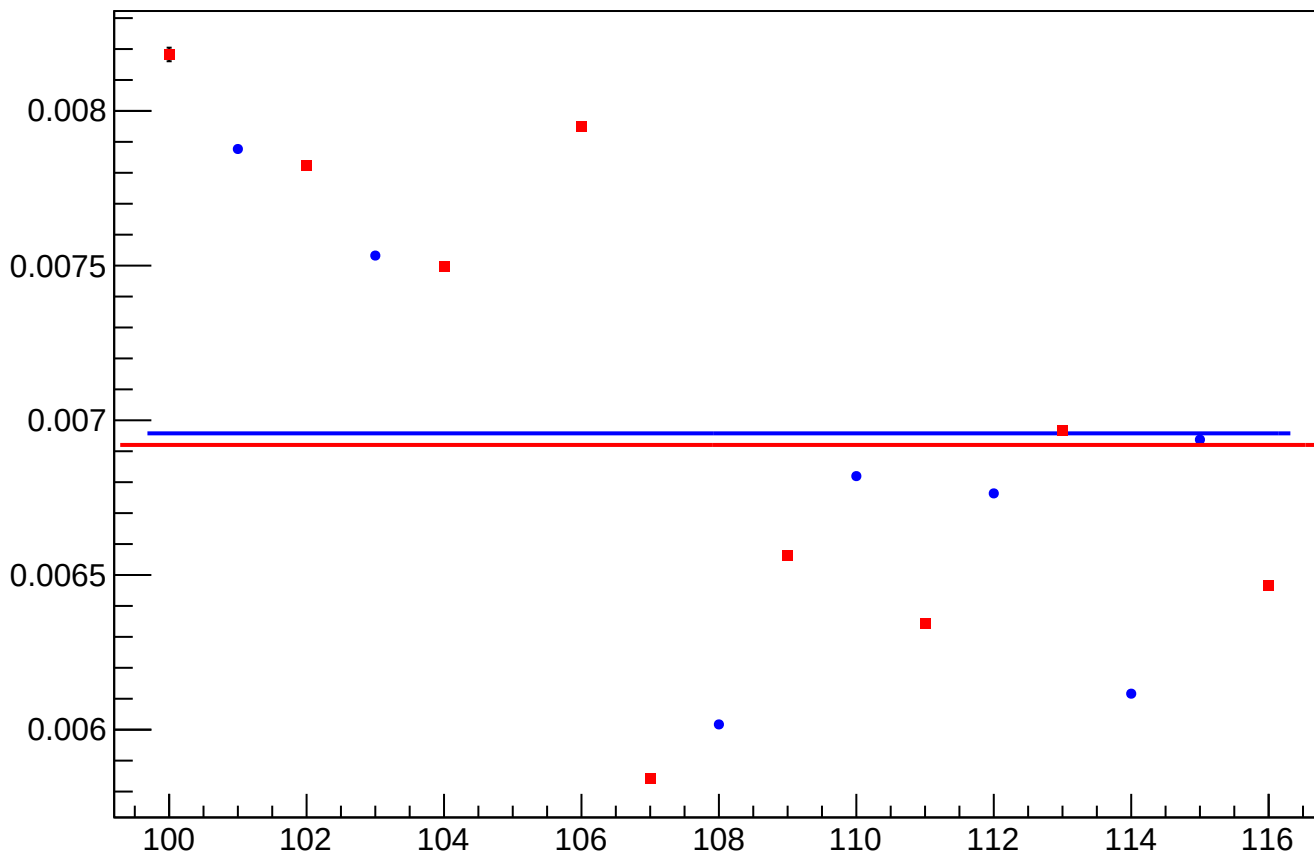
Right: 2.067+/-0.000 χ^2/NDF : 22903898738.5/15

In: 2.157+/-0.000 χ^2/NDF : 8986720851.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.067+/-0.000 χ^2/NDF : 22903898738.5/15

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 47448.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 64420.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

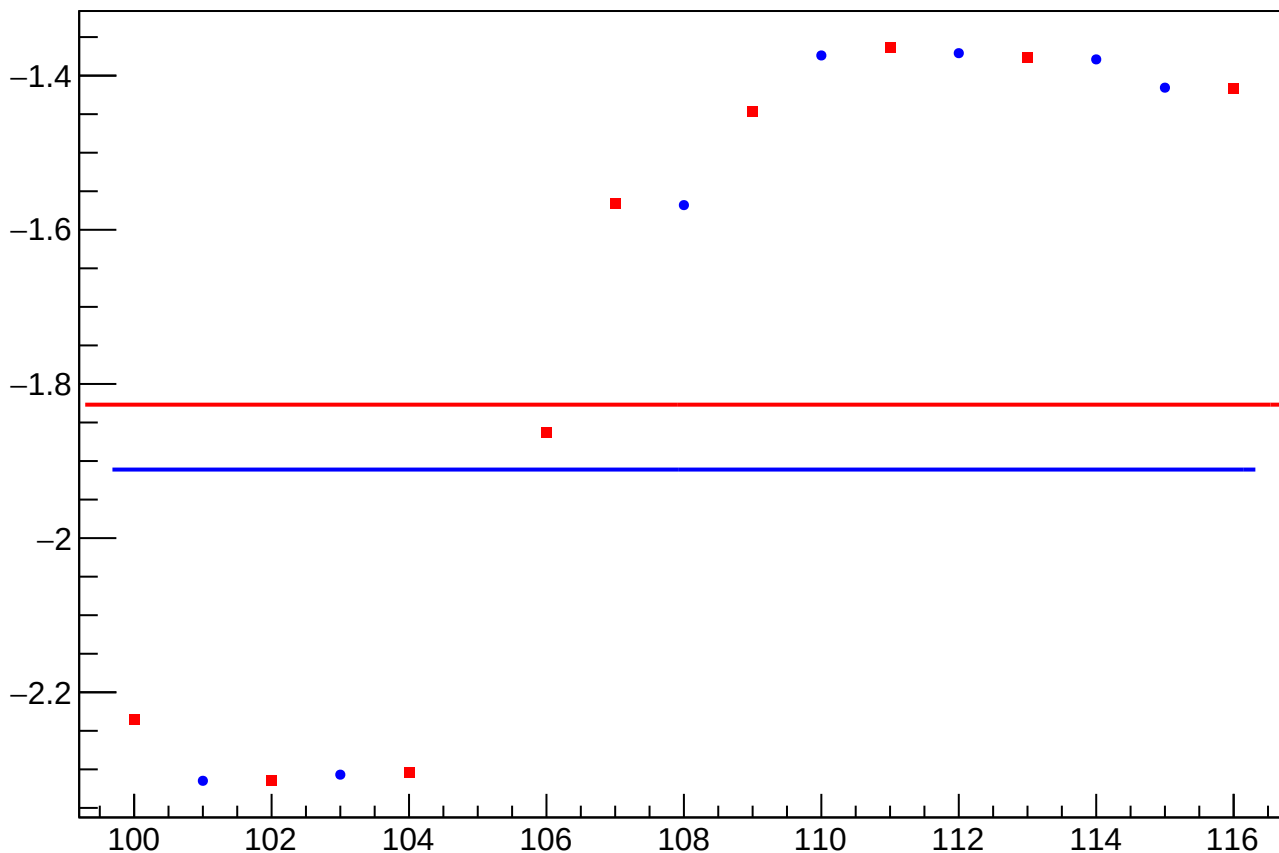
Right: 0.007+/-0.000 χ^2/NDF : 111953.6/15

In: 0.007+/-0.000 χ^2/NDF : 47448.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 111953.6/15

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.911+/-0.000 χ^2/NDF : 73983723663.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.827+/-0.000 χ^2/NDF : 87448061422.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

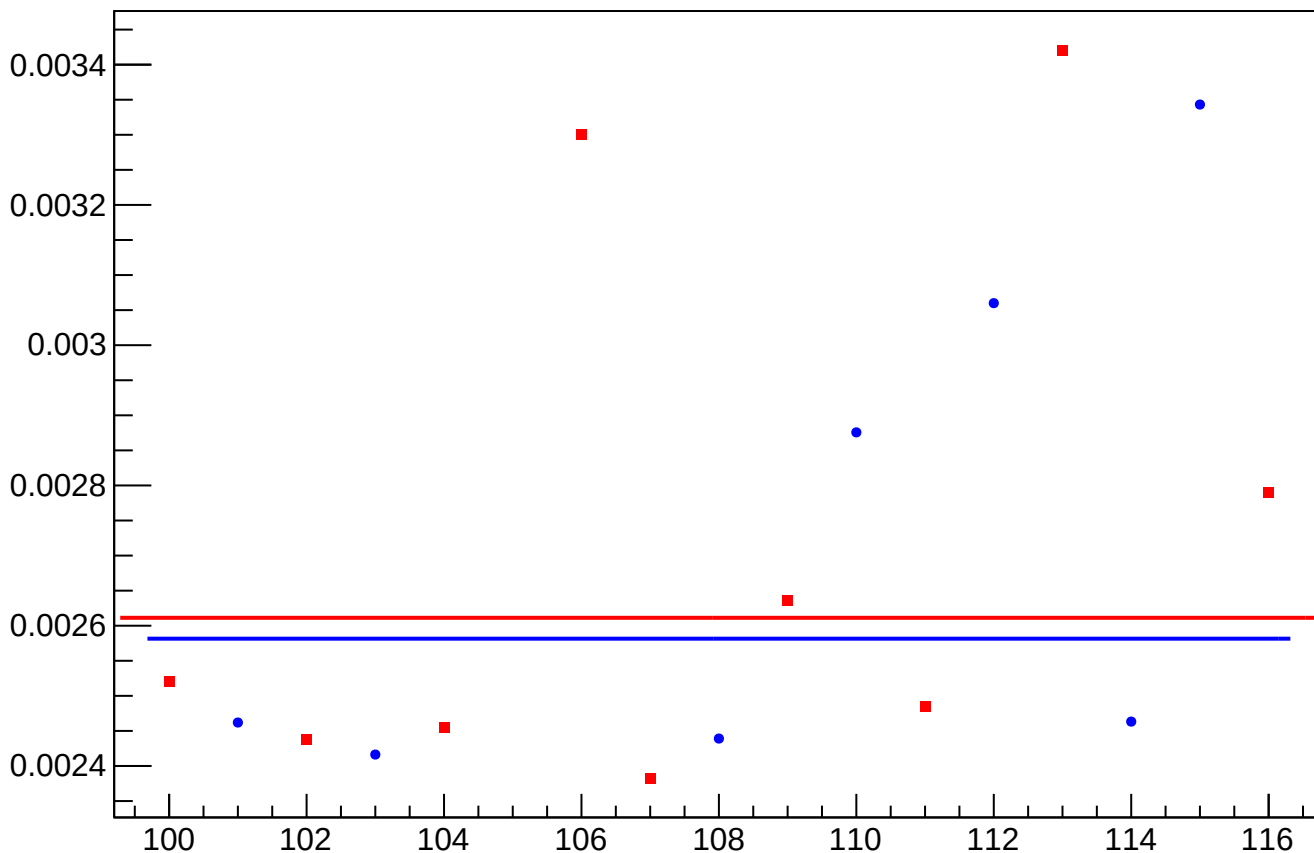
Right: -1.865+/-0.000 χ^2/NDF : 162956496018.9/15

In: -1.911+/-0.000 χ^2/NDF :73983723663.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.865+/-0.000 χ^2/NDF : 162956496018.9

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 51477.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 87987.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

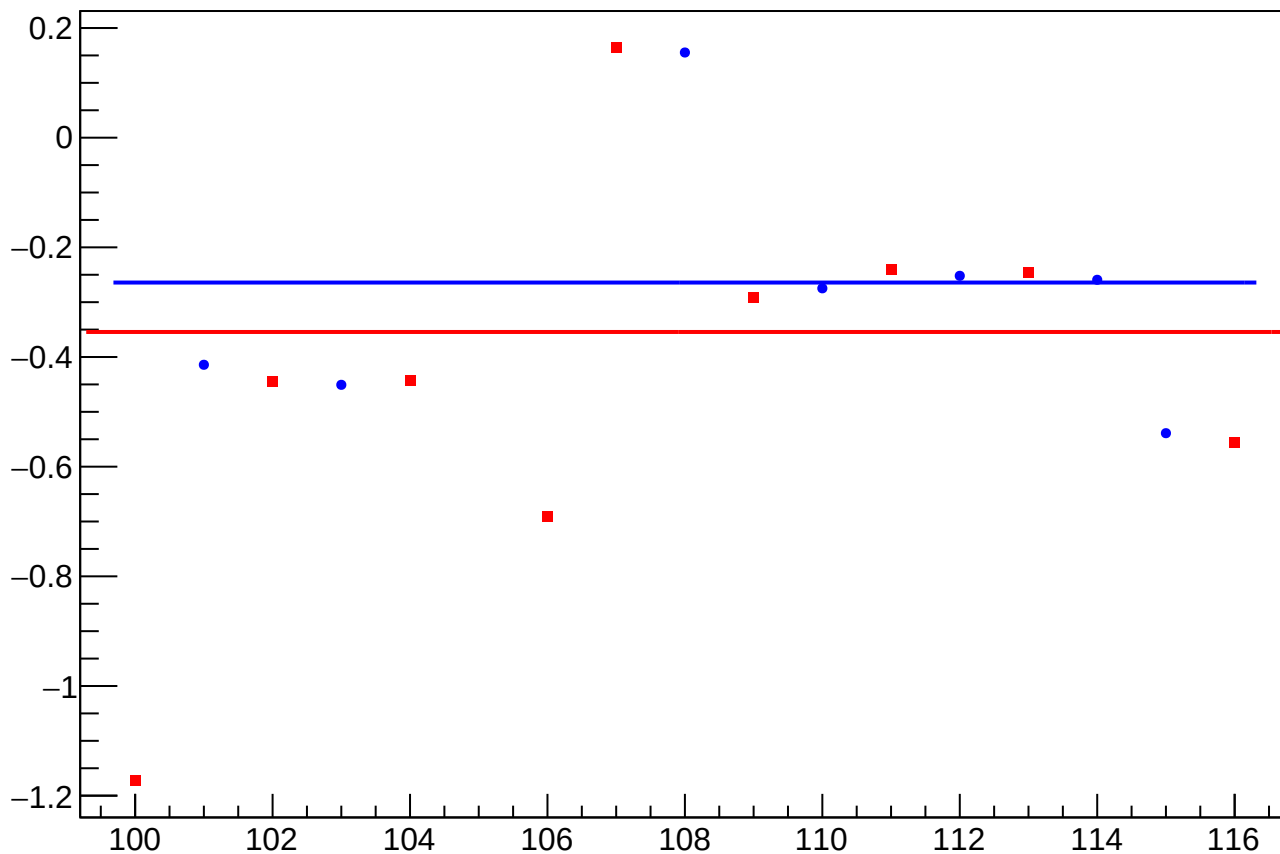
Right: 0.003+/-0.000 χ^2/NDF : 139845.2/15

In: 0.003+/-0.000 χ^2/NDF :51477.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 139845.2/15

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.264+/-0.000 χ^2/NDF : 943113513.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.354+/-0.000 χ^2/NDF : 1525241025.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

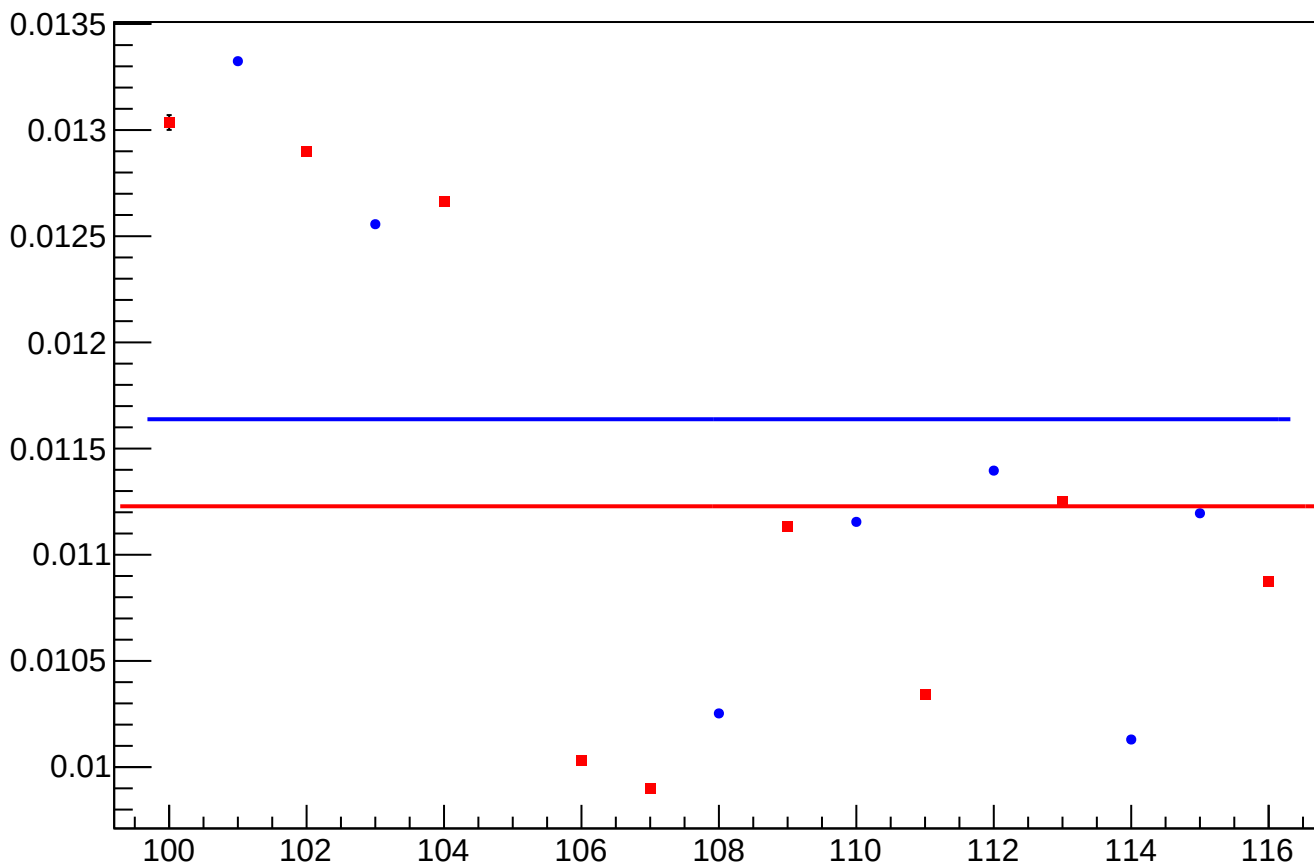
Right: -0.316+/-0.000 χ^2/NDF : 2561299098.1/15

In: -0.264+/-0.000 χ^2/NDF :943113513.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.316+/-0.000 χ^2/NDF : 2561299098.1/15

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 48163.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 61256.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

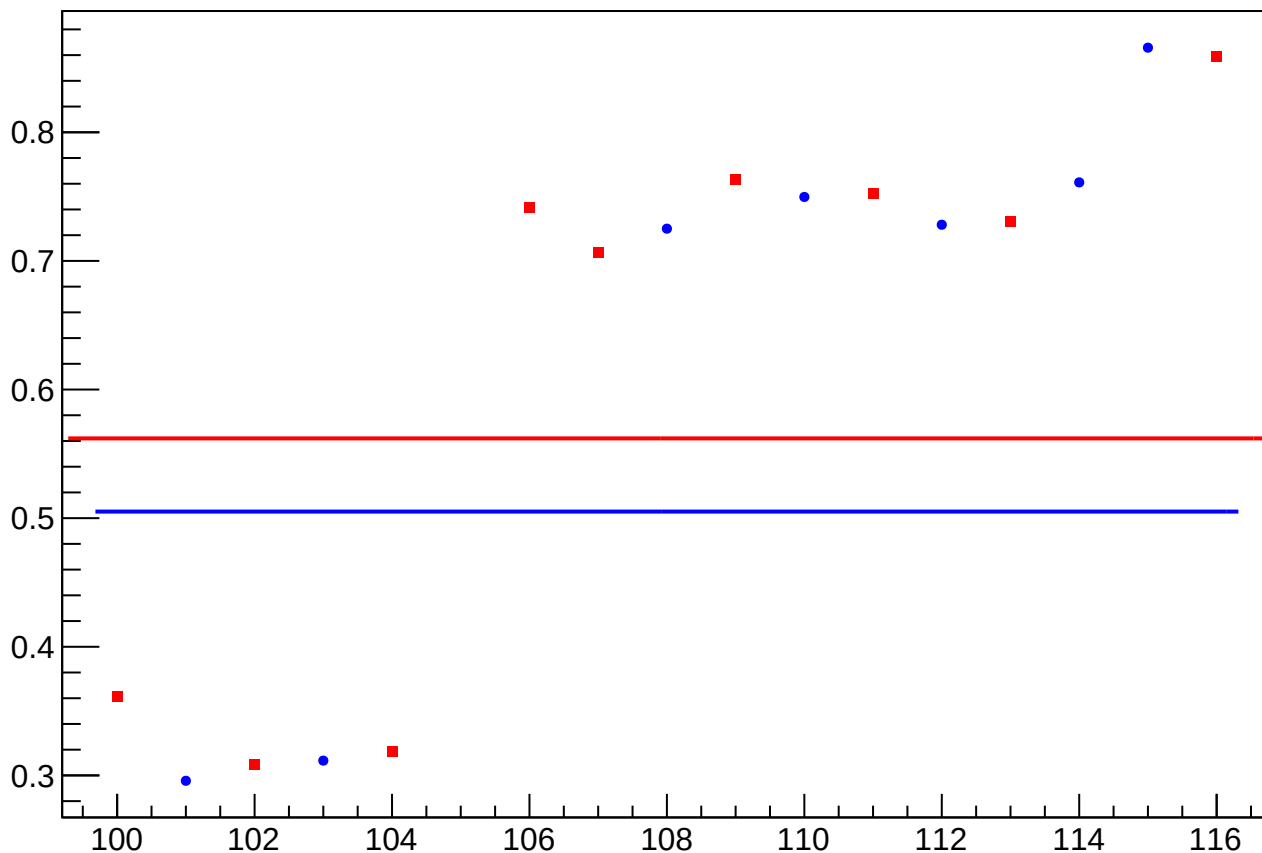
Right: 0.011+/-0.000 χ^2/NDF : 113264.1/15

In: 0.012+/-0.000 χ^2/NDF : 48163.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 113264.1/15

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.505+/-0.000 χ^2/NDF : 19221180404.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.562+/-0.000 χ^2/NDF : 23107291474.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

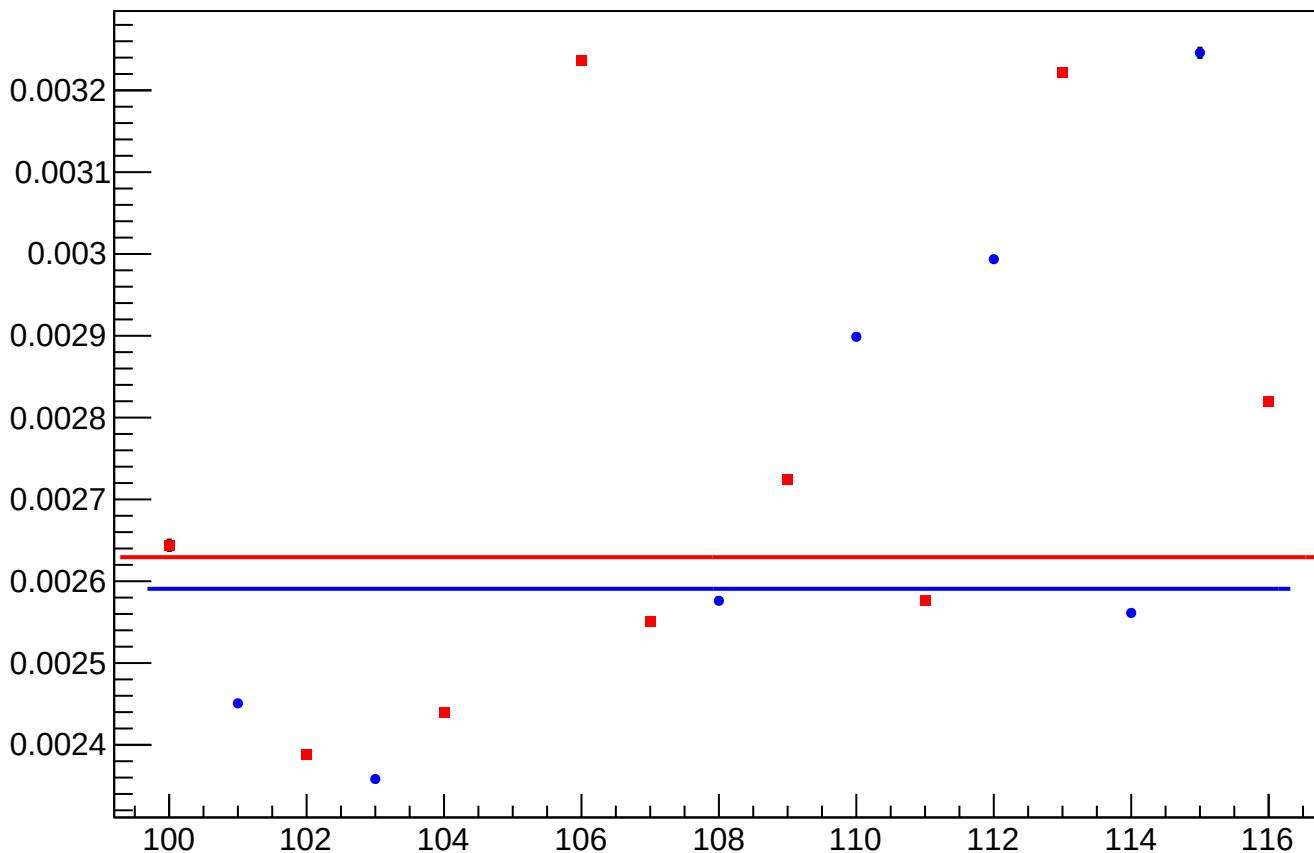
Right: 0.536+/-0.000 χ^2/NDF : 43021808762.3/15

In: 0.505+/-0.000 χ^2/NDF : 19221180404.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.536+/-0.000 χ^2/NDF : 43021808762.3/15

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 50696.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 67907.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

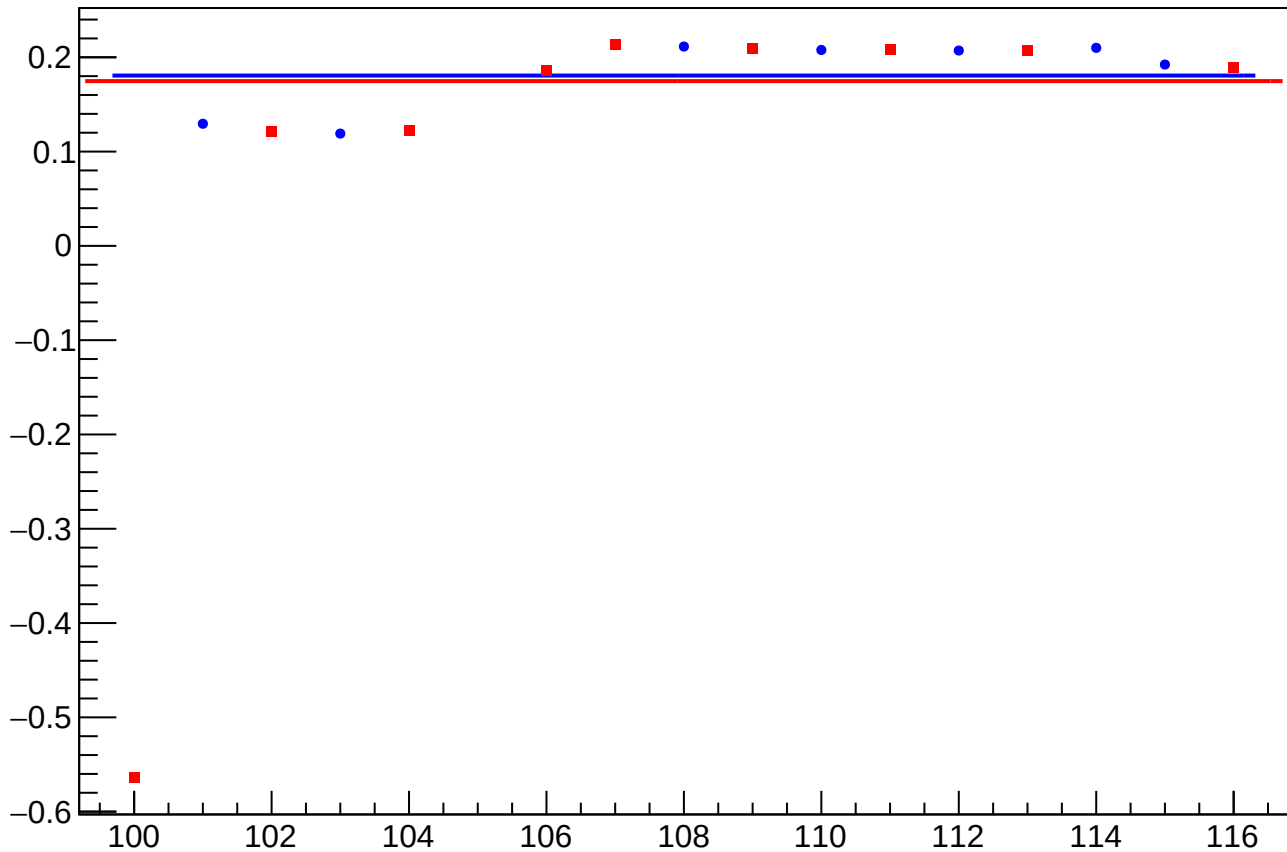
Right: 0.003+/-0.000 χ^2/NDF : 119243.7/15

In: 0.003+/-0.000 χ^2/NDF : 50696.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 119243.7/15

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.181+/-0.000 χ^2/NDF : 39852807.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.175+/-0.000 χ^2/NDF : 322950786.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

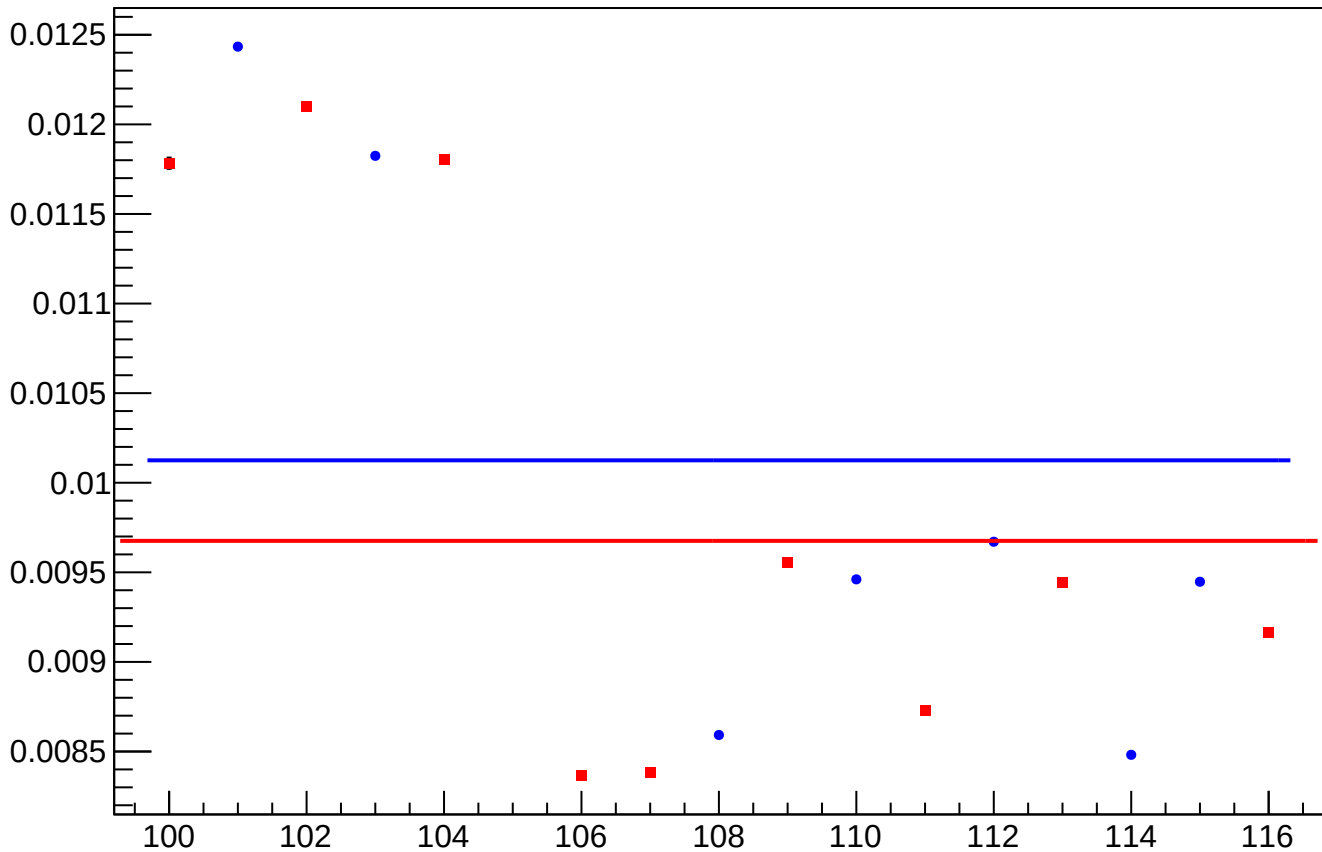
Right: 0.177+/-0.000 χ^2/NDF : 363321298.2/15

In: 0.181+/-0.000 χ^2/NDF :39852807.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.177+/-0.000 χ^2/NDF : 363321298.2/15

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 108480.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 126743.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

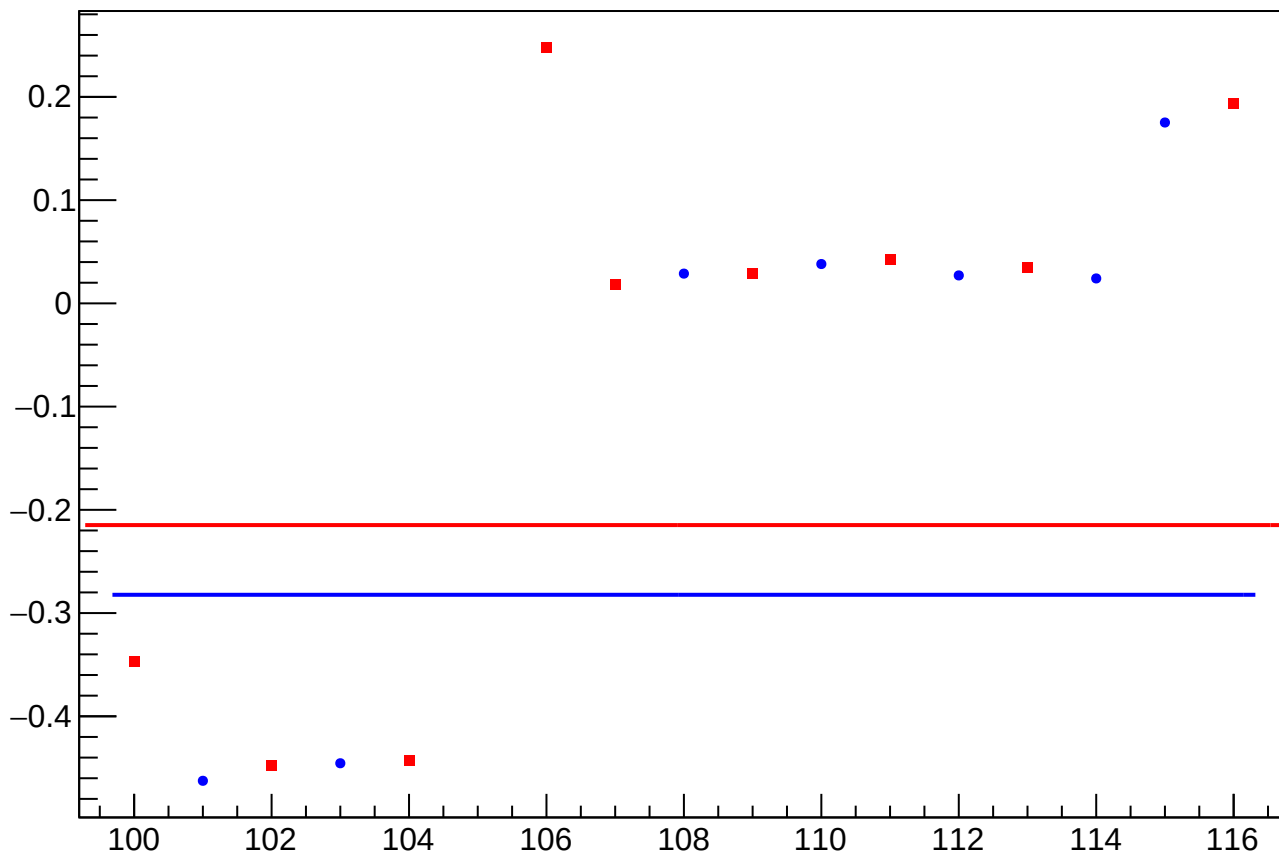
Right: 0.010+/-0.000 χ^2/NDF : 241304.4/15

In: 0.010+/-0.000 χ^2/NDF : 108480.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 241304.4/15

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.282+/-0.000 χ^2/NDF : 8166579932.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.215+/-0.000 χ^2/NDF : 11007379201.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

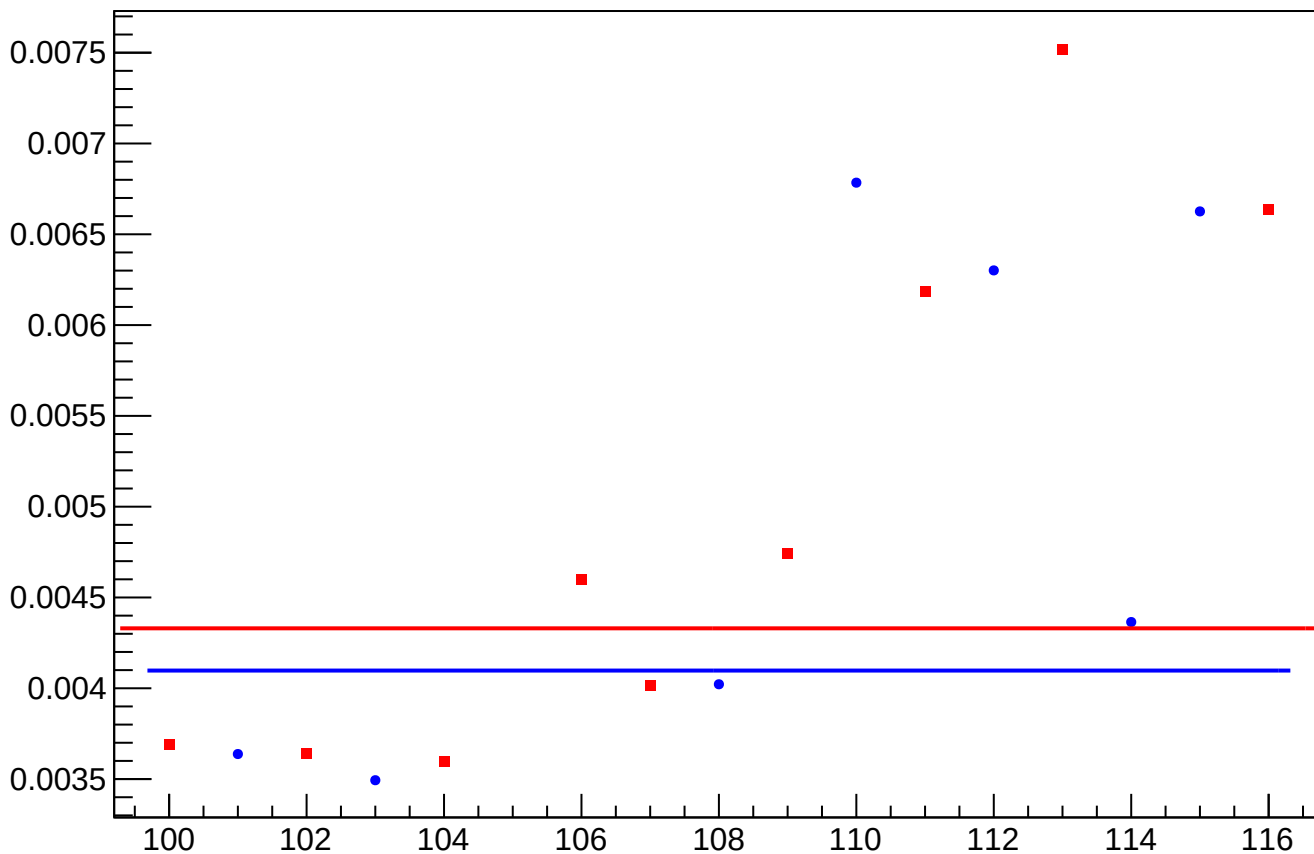
Right: -0.247+/-0.000 χ^2/NDF : 19525929335.5/15

In: -0.282+/-0.000 χ^2/NDF : 8166579932.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.247+/-0.000 χ^2/NDF : 19525929335.5/15

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 305988.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 388848.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

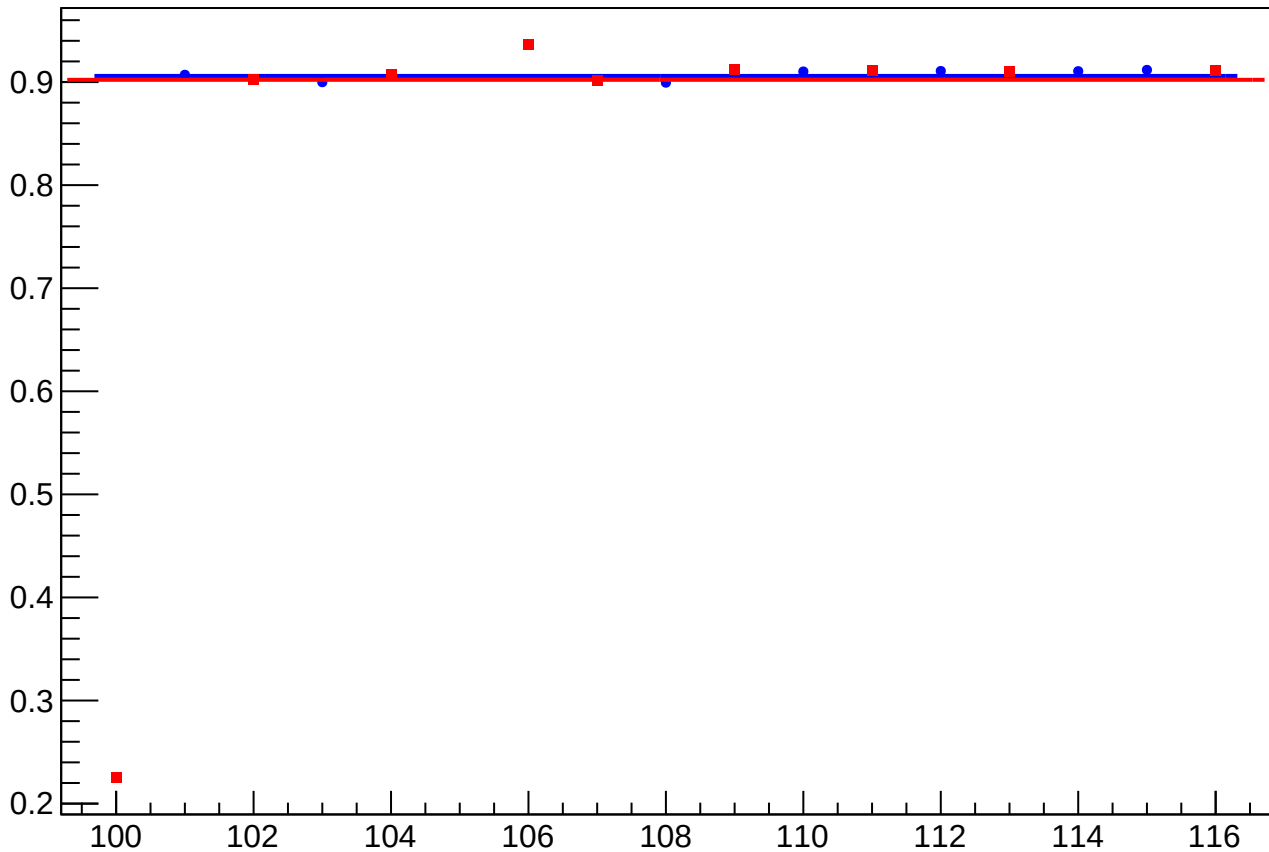
Right: 0.004+/-0.000 χ^2/NDF : 703188.3/15

In: 0.004+/-0.000 χ^2/NDF :305988.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 703188.3/15

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.906+/-0.000 χ^2/NDF : 531529.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.902+/-0.000 χ^2/NDF : 216738099.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

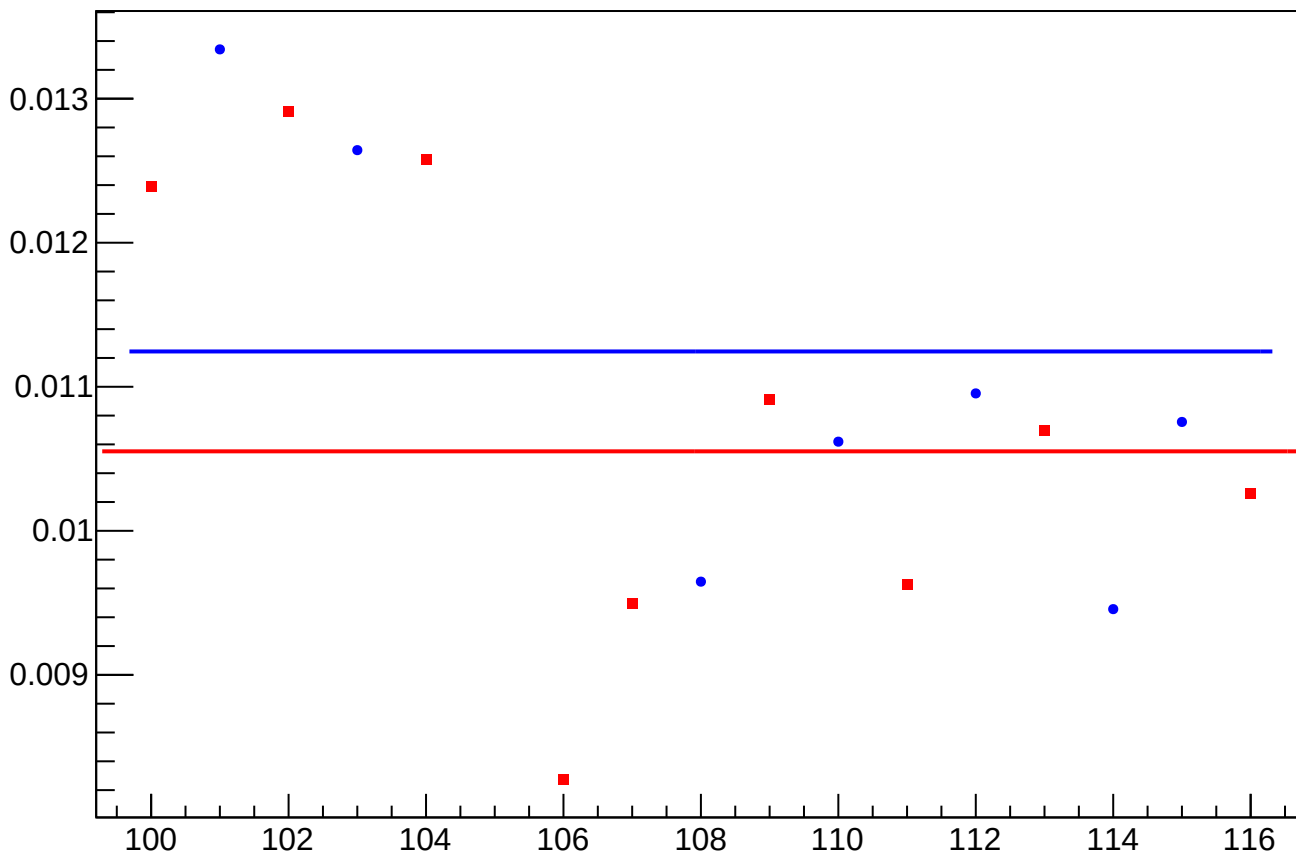
Right: 0.904+/-0.000 χ^2/NDF : 217445677.4/15

In: 0.906+/-0.000 χ^2/NDF : 531529.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.904+/-0.000 χ^2/NDF : 217445677.4/15

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 78682.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 133826.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

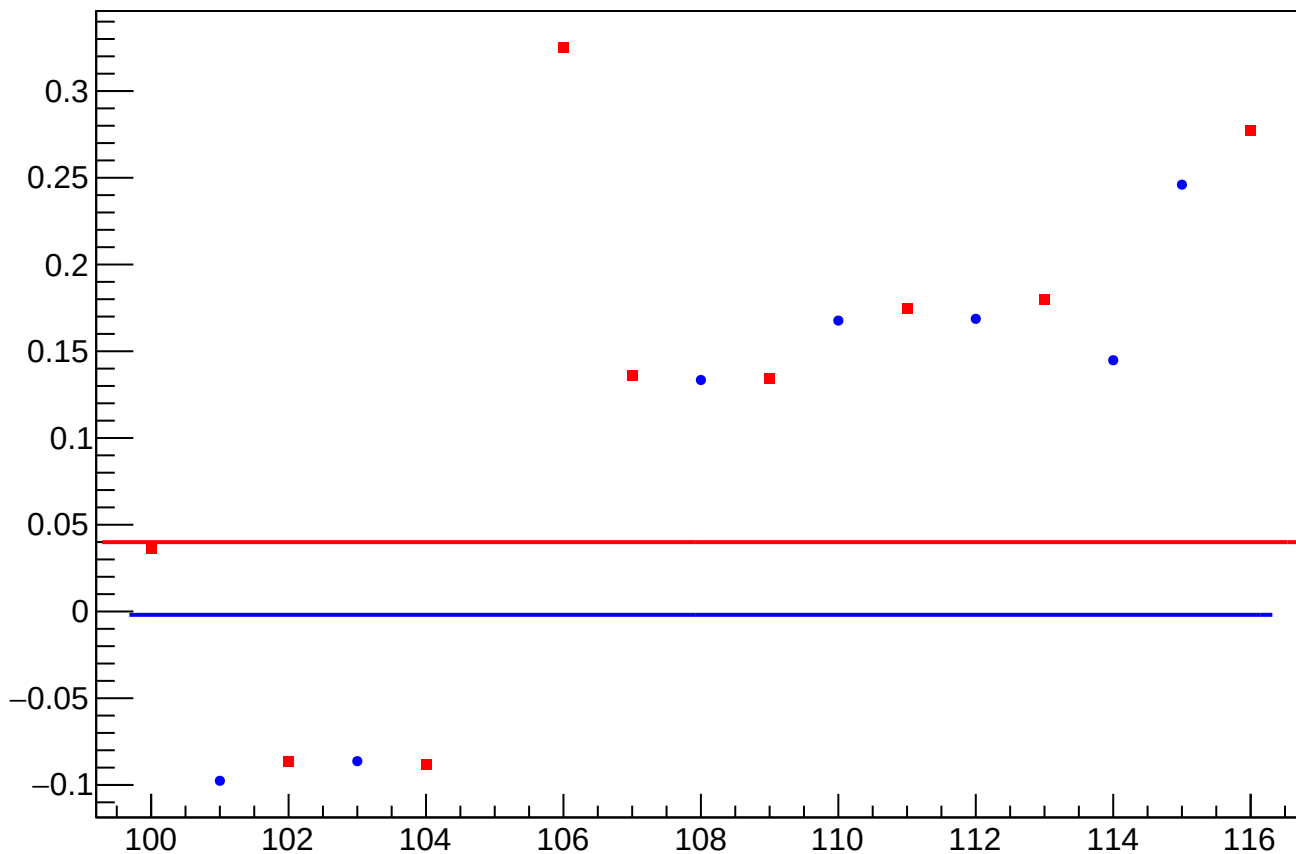
Right: 0.011+/-0.000 χ^2/NDF : 224401.5/15

In: 0.011+/-0.000 χ^2/NDF : 78682.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 224401.5/15

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.000

χ^2/NDF : 1753719024.7/6

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.020+/-0.000

χ^2/NDF : 4588155331.3/15

Right Out: 0.040+/-0.000

χ^2/NDF : 2718578799.0/8

In: -0.002+/-0.000

χ^2/NDF : 1753719024.7/6

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

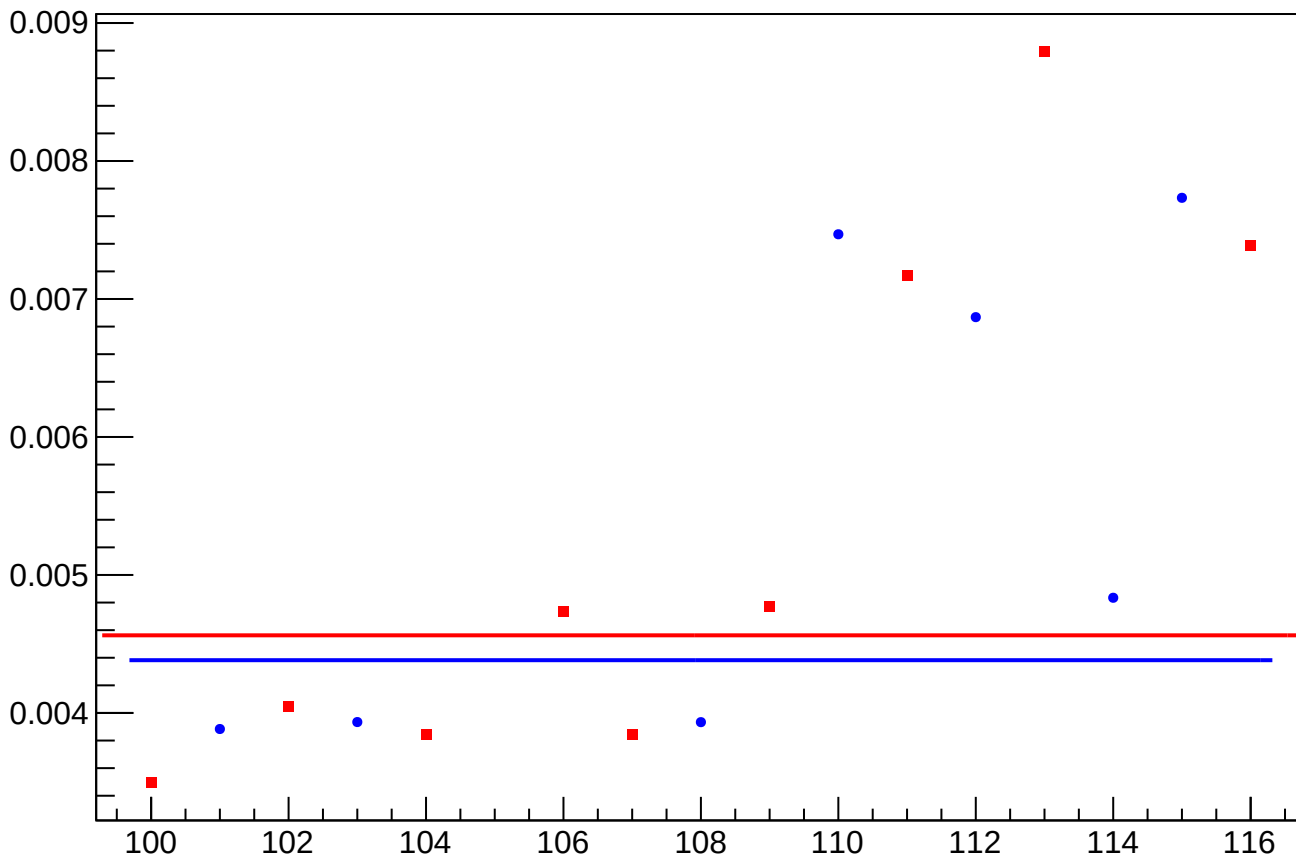
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.020+/-0.000

χ^2/NDF : 4588155331.3/15

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 310749.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 453176.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

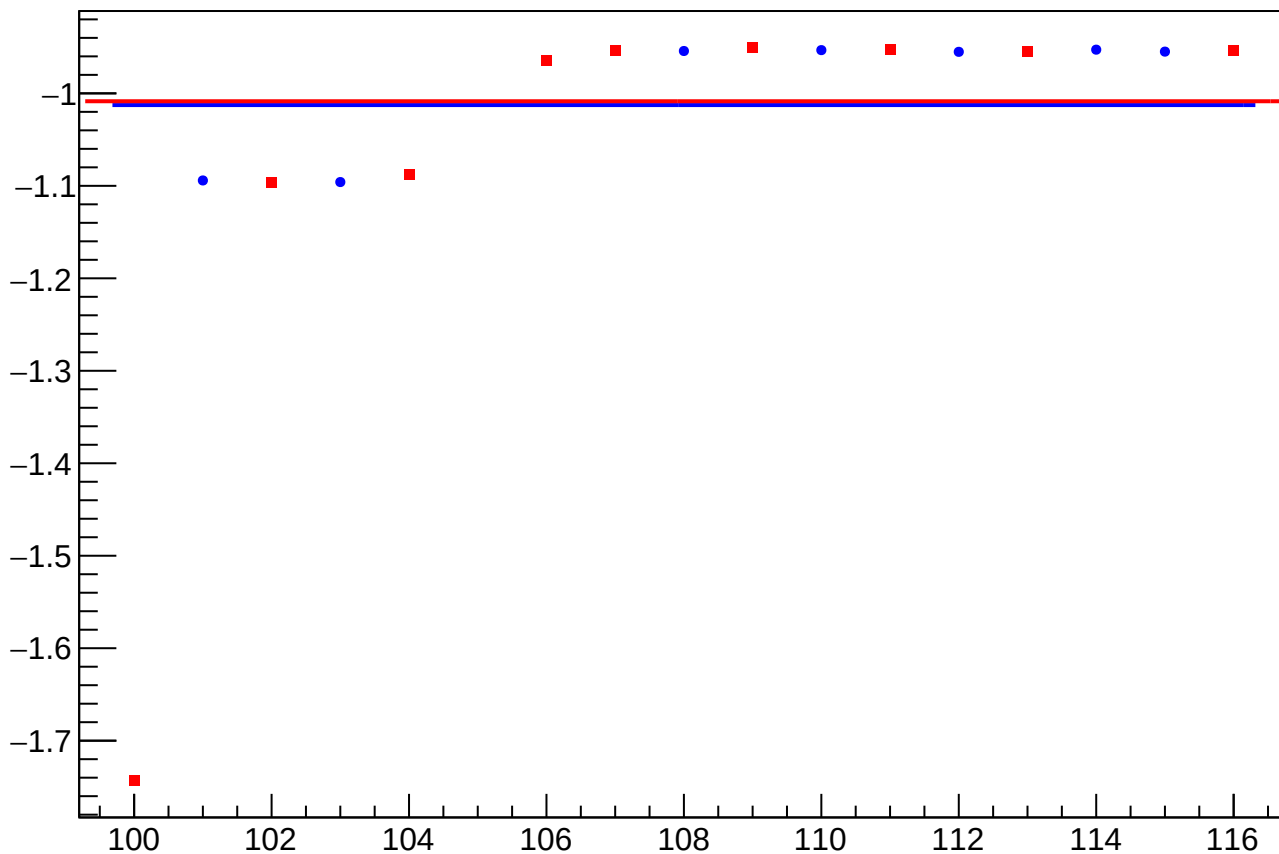
Right: 0.004+/-0.000 χ^2/NDF : 768213.1/15

In: 0.004+/-0.000 χ^2/NDF : 310749.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 768213.1/15

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.013+/-0.000 χ^2/NDF : 93555176.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.009+/-0.000 χ^2/NDF : 394360916.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

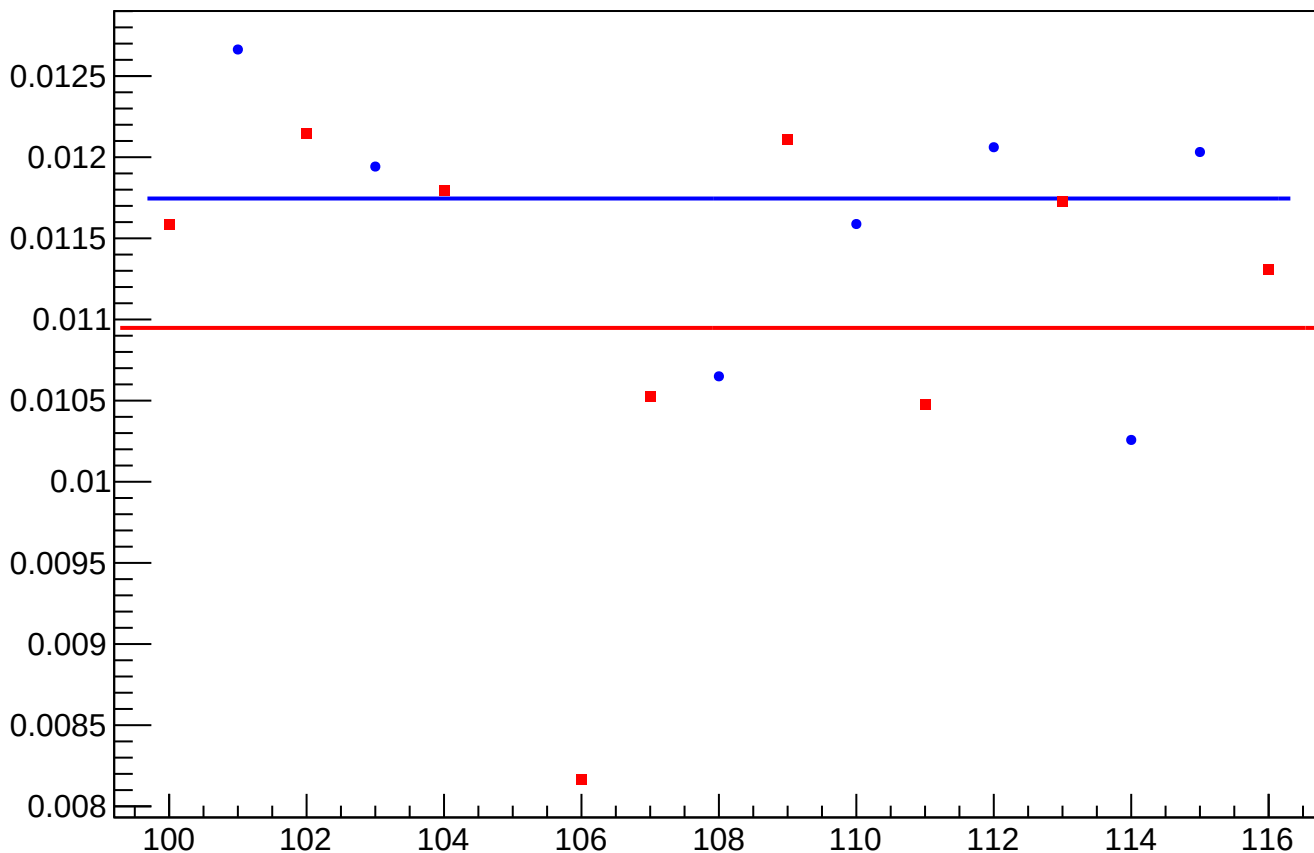
Right: -1.010+/-0.000 χ^2/NDF : 488112123.5/15

In: -1.013+/-0.000 χ^2/NDF :93555176.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.010+/-0.000 χ^2/NDF : 488112123.5/15

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 20802.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 106897.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

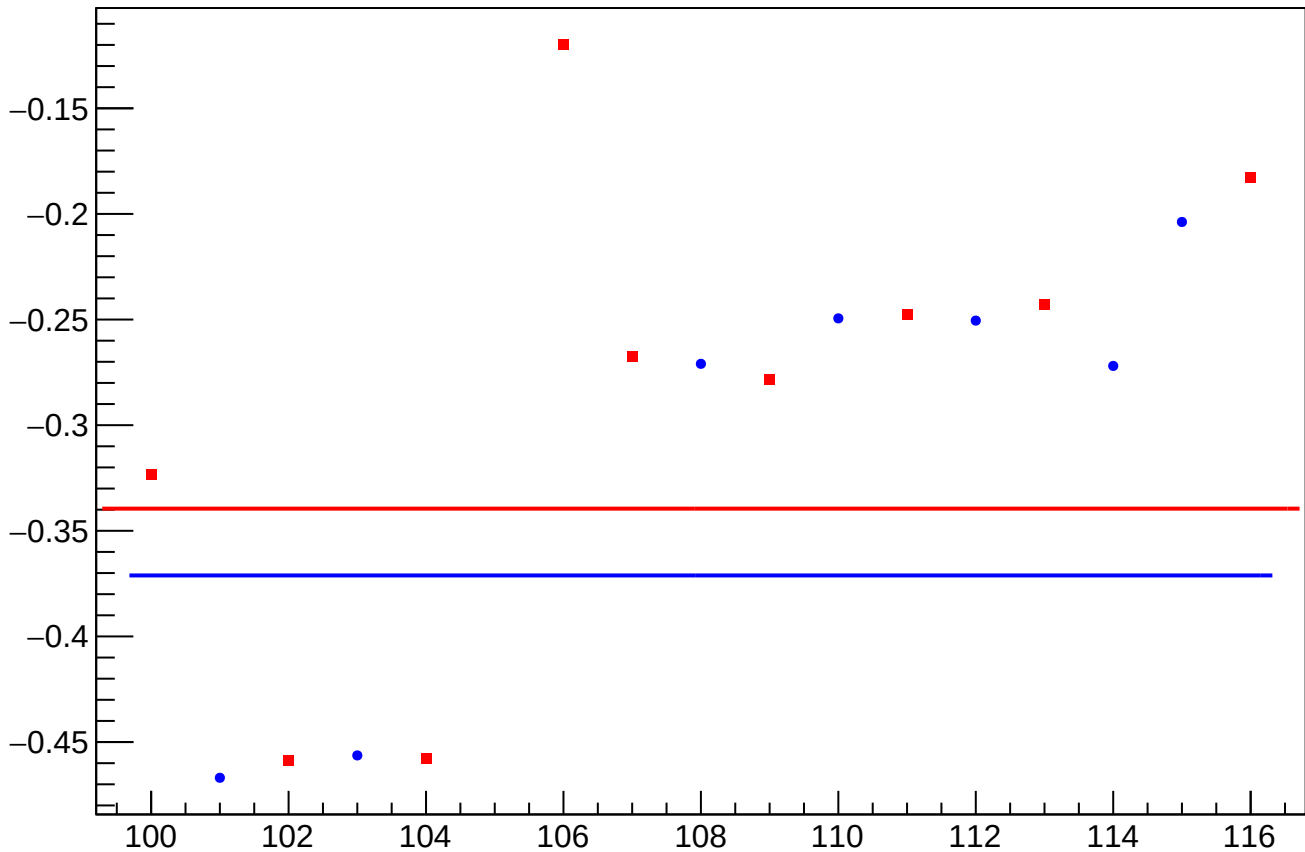
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 142278.7/15

In: 0.012 $\pm$ 0.000 χ^2 /NDF:20802.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 142278.7/15

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.371+/-0.000 χ^2/NDF : 1662422039.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.340+/-0.000 χ^2/NDF : 2226775064.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

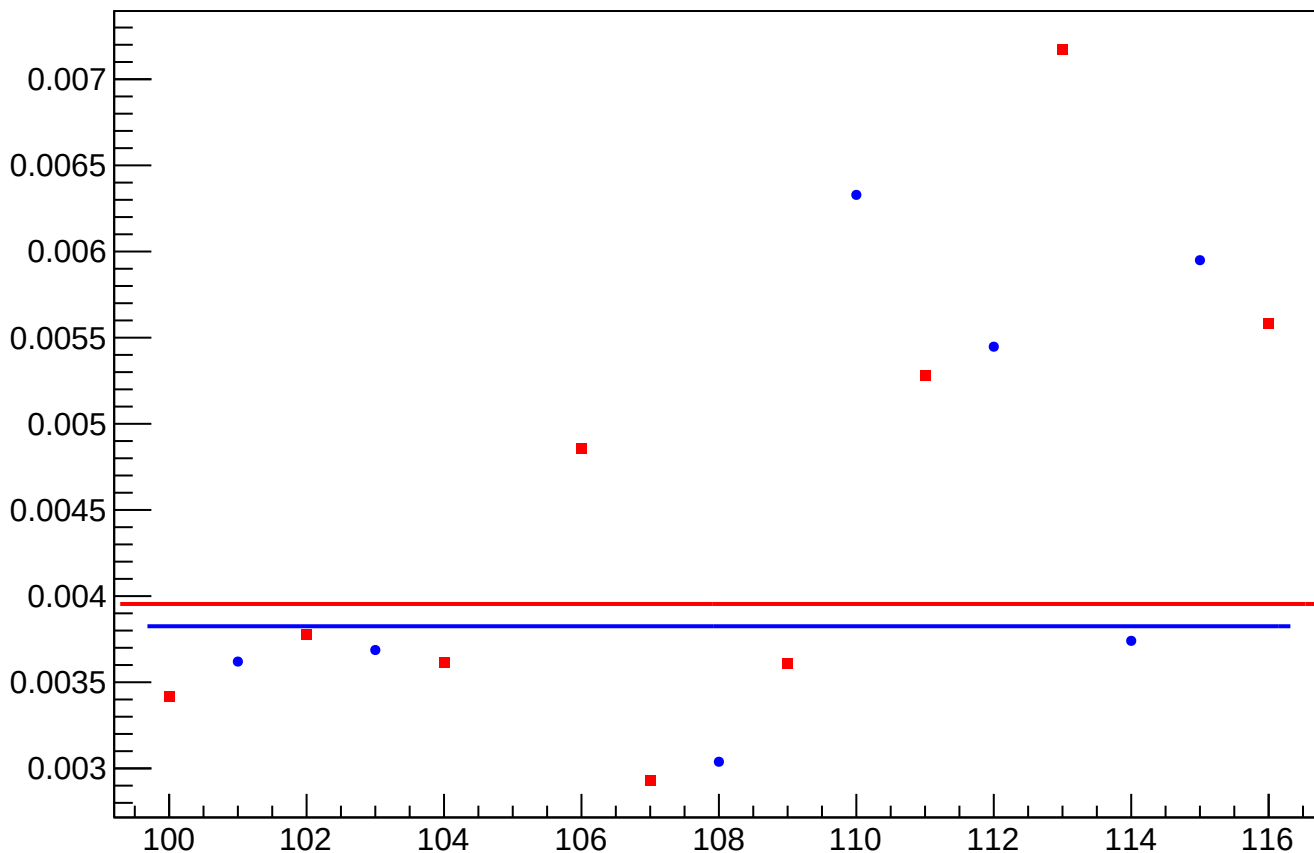
Right: -0.354+/-0.000 χ^2/NDF : 3977363767.3/15

In: -0.371+/-0.000 χ^2/NDF :1662422039.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.354+/-0.000 χ^2/NDF : 3977363767.3/15

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 259958.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 353003.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

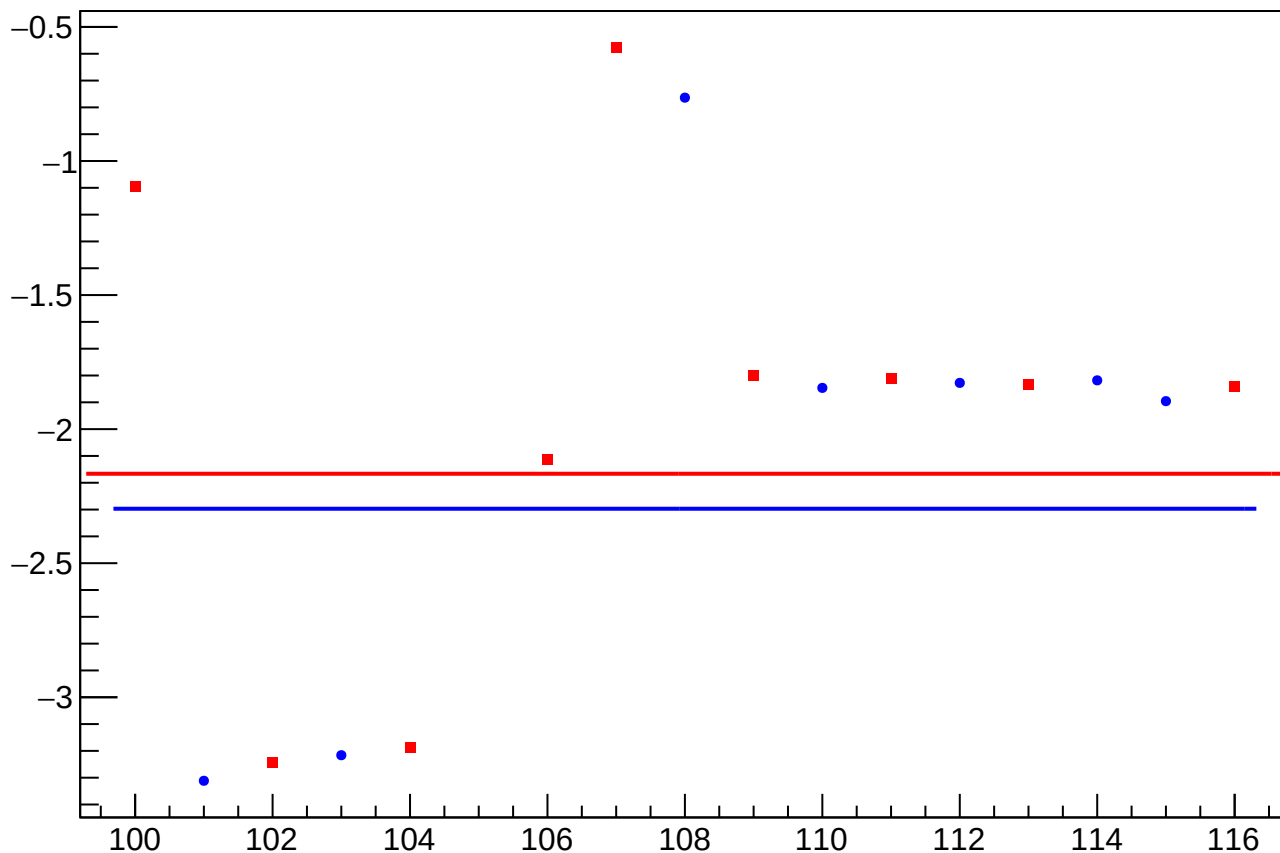
Right: 0.004+/-0.000 χ^2/NDF : 615909.2/15

In: 0.004+/-0.000 χ^2/NDF : 259958.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 615909.2/15

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.297+/-0.000 χ^2/NDF : 446440558.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.166+/-0.000 χ^2/NDF : 423304715.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

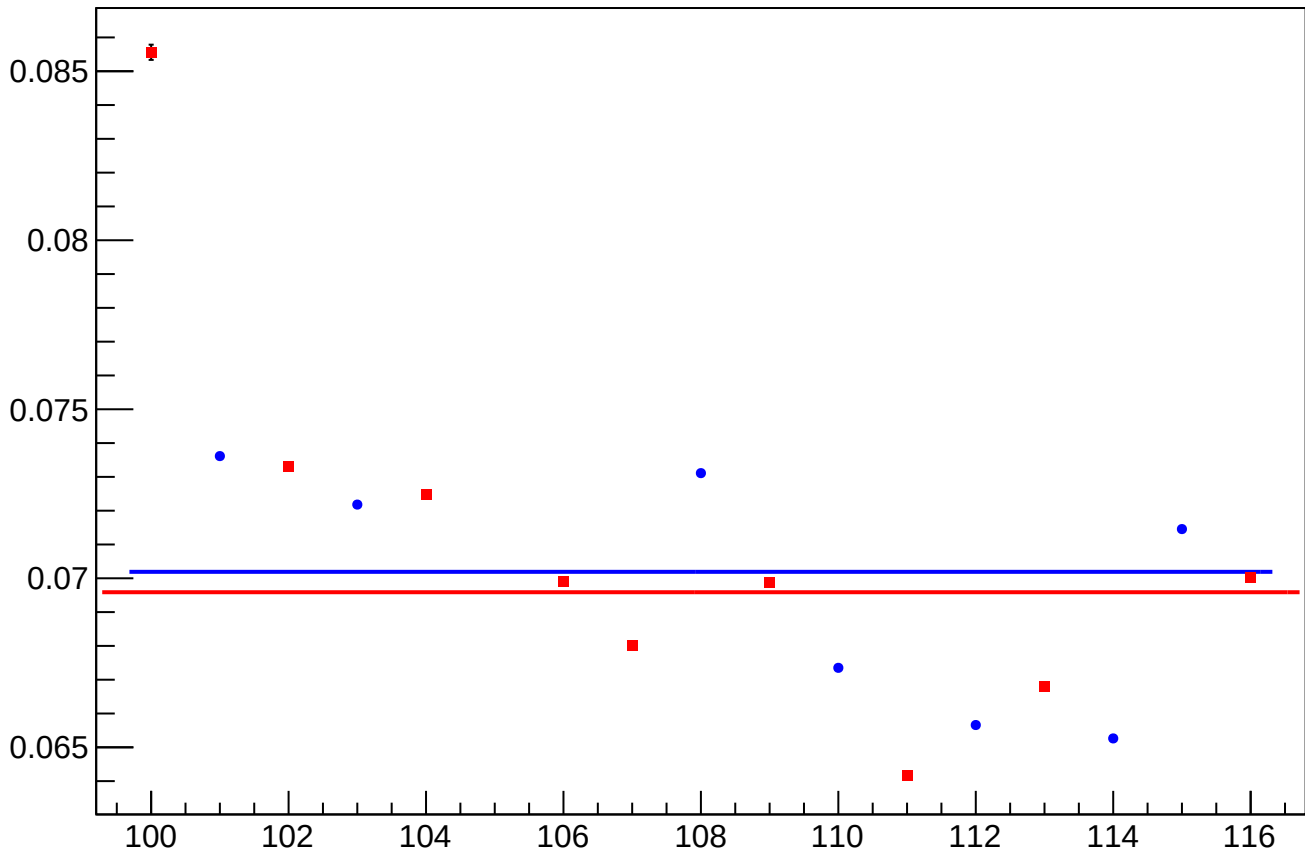
Right: -2.224+/-0.000 χ^2/NDF : 875104863.9/15

In: -2.297+/-0.000 χ^2/NDF :446440558.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.224+/-0.000 χ^2/NDF : 875104863.9/15

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 12447.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 18244.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

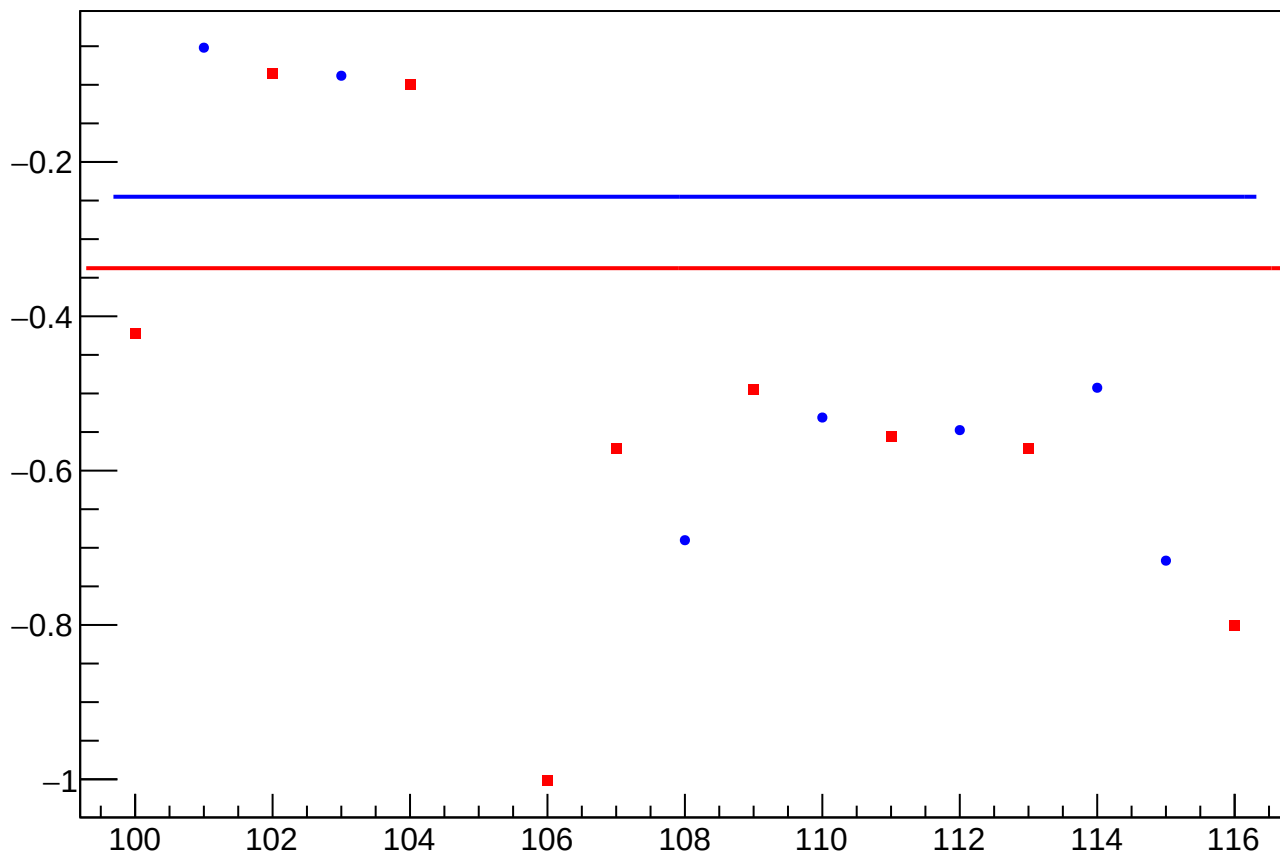
Right: 0.070+/-0.000 χ^2/NDF : 30921.1/15

In: 0.070+/-0.000 χ^2/NDF : 12447.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 30921.1/15

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 1435011305.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.338+/-0.000 χ^2/NDF : 2361859278.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

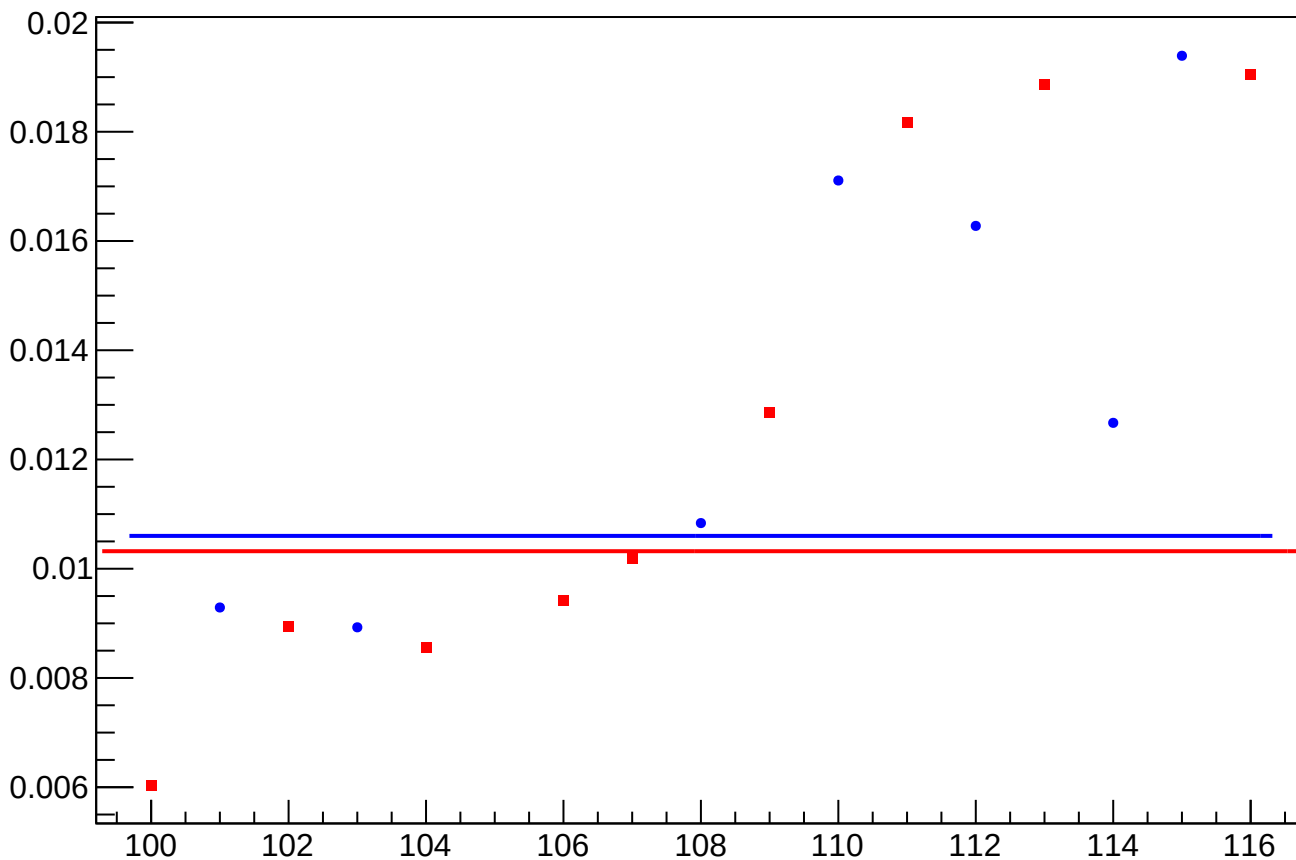
Right: -0.297+/-0.000 χ^2/NDF : 3899955076.0/15

In: -0.245+/-0.000 χ^2/NDF :1435011305.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.297+/-0.000 χ^2/NDF : 3899955076.0/1

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 324785.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 616126.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

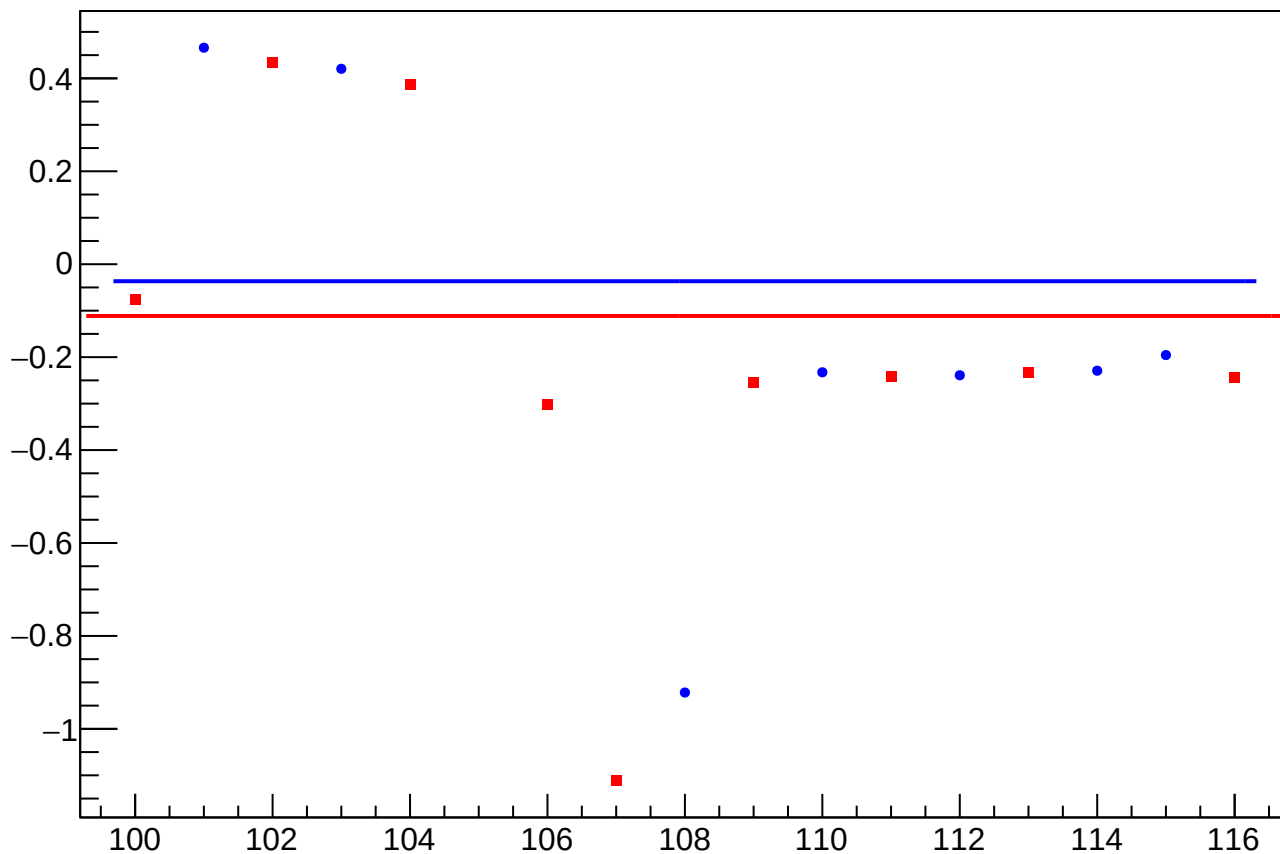
Right: 0.010+/-0.000 χ^2/NDF : 942801.6/15

In: 0.011+/-0.000 χ^2/NDF : 324785.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 942801.6/15

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.037+/-0.000 χ^2/NDF : 81498804.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.111+/-0.000 χ^2/NDF : 78745660.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

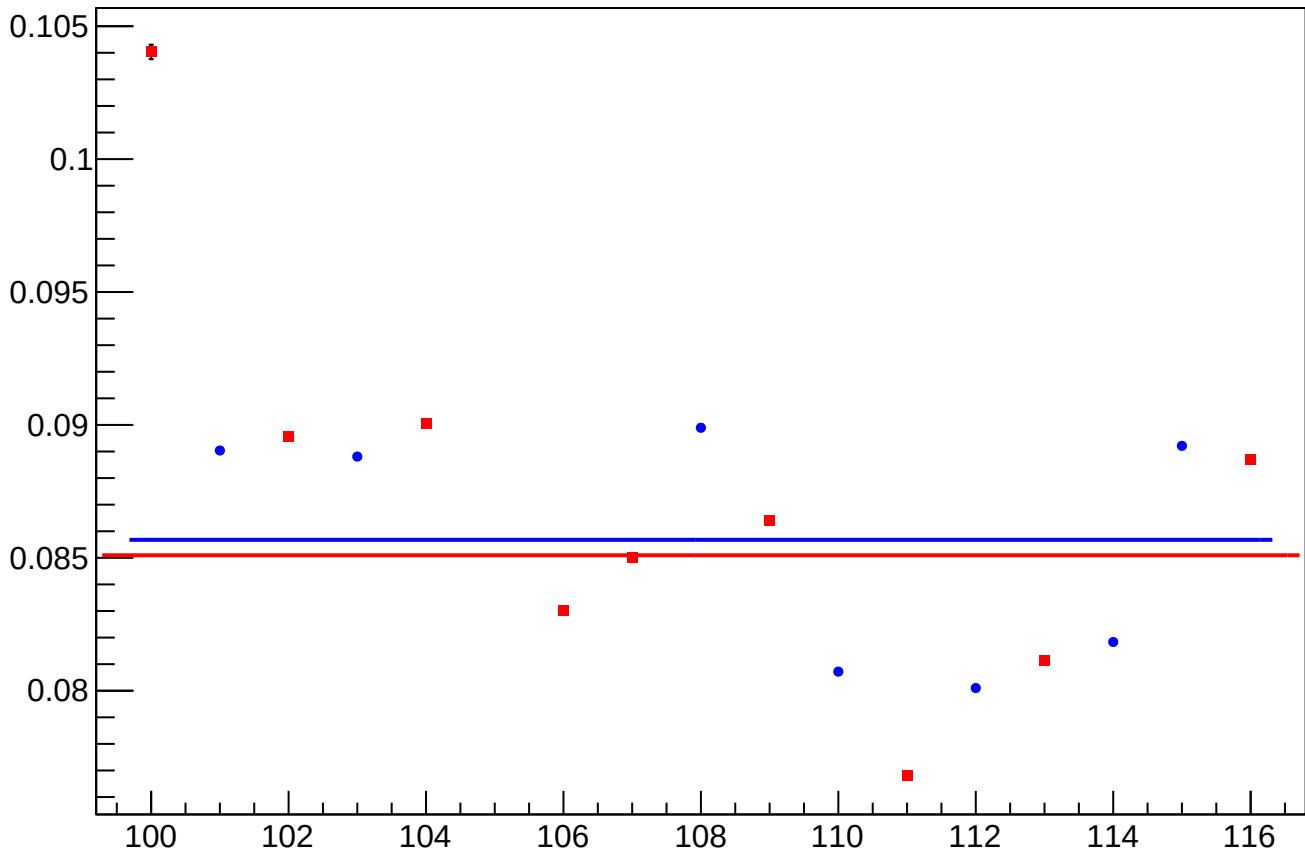
Right: -0.079+/-0.000 χ^2/NDF : 161431480.0/15

In: -0.037+/-0.000 χ^2/NDF :81498804.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.079+/-0.000 χ^2/NDF : 161431480.0/15

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 13718.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.085+/-0.000 χ^2/NDF : 25272.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

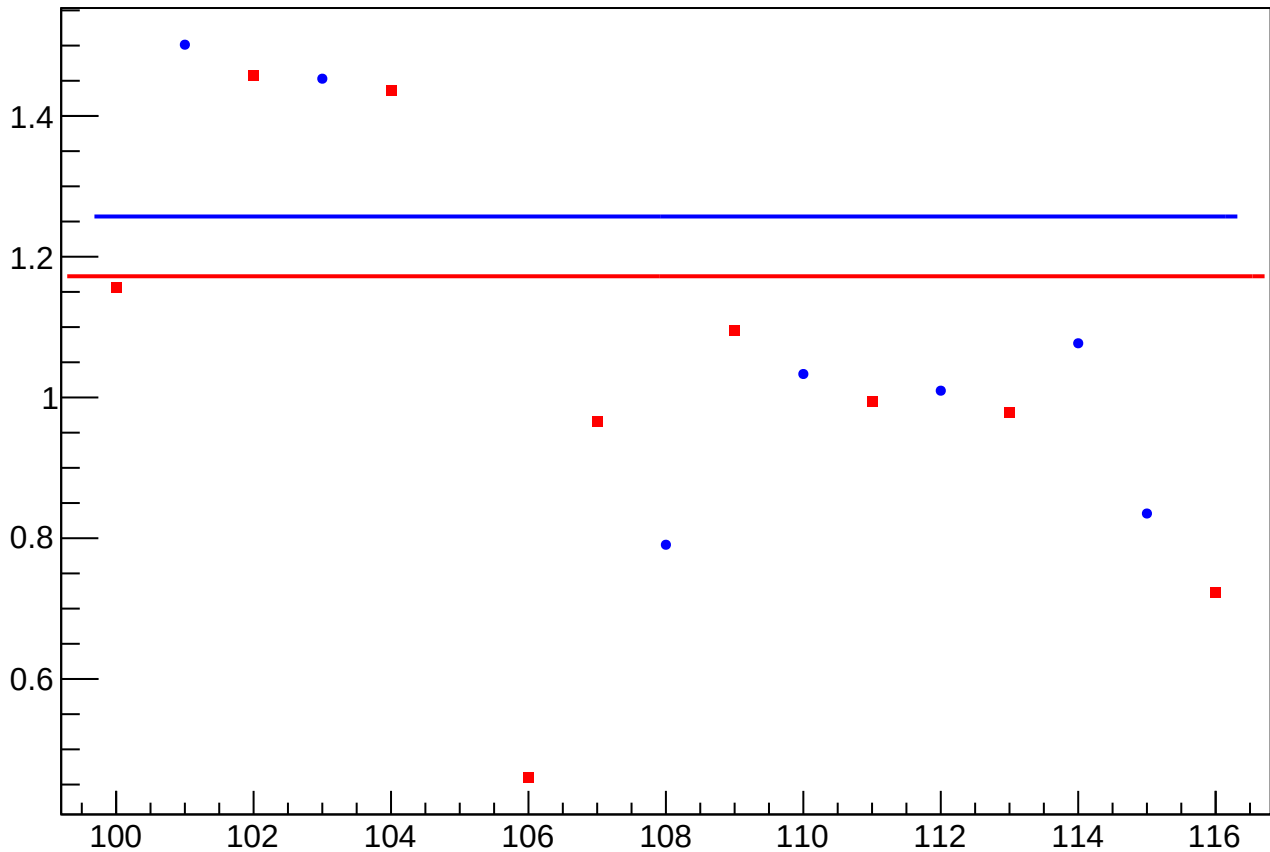
Right: 0.085+/-0.000 χ^2/NDF : 39134.1/15

In: 0.086+/-0.000 χ^2/NDF : 13718.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.000 χ^2/NDF : 39134.1/15

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.257+/-0.000 χ^2/NDF : 939380248.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.172+/-0.000 χ^2/NDF : 1375521692.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

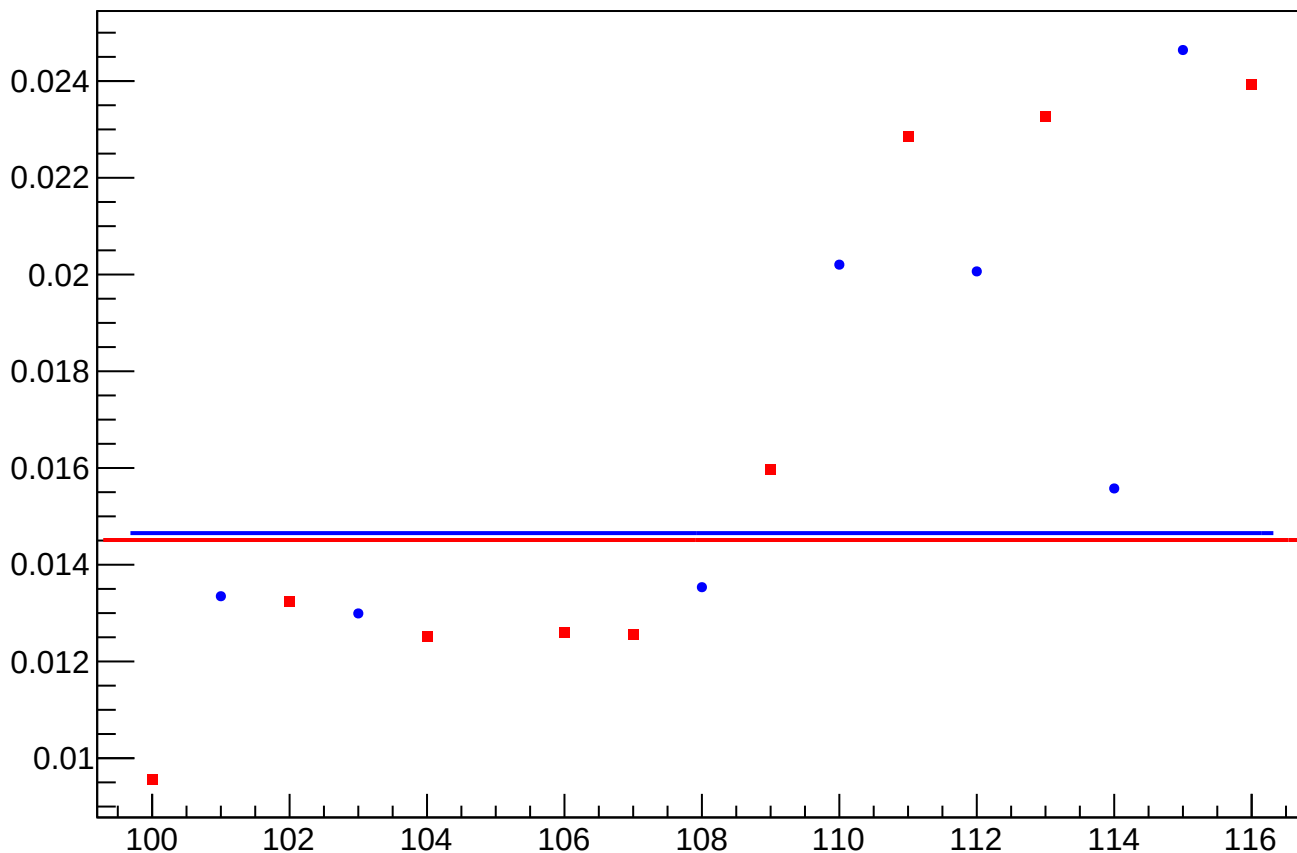
Right: 1.210+/-0.000 χ^2/NDF : 2360938071.9/15

In: 1.257+/-0.000 χ^2/NDF : 939380248.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.210+/-0.000 χ^2/NDF : 2360938071.9/15

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 189948.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 405736.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

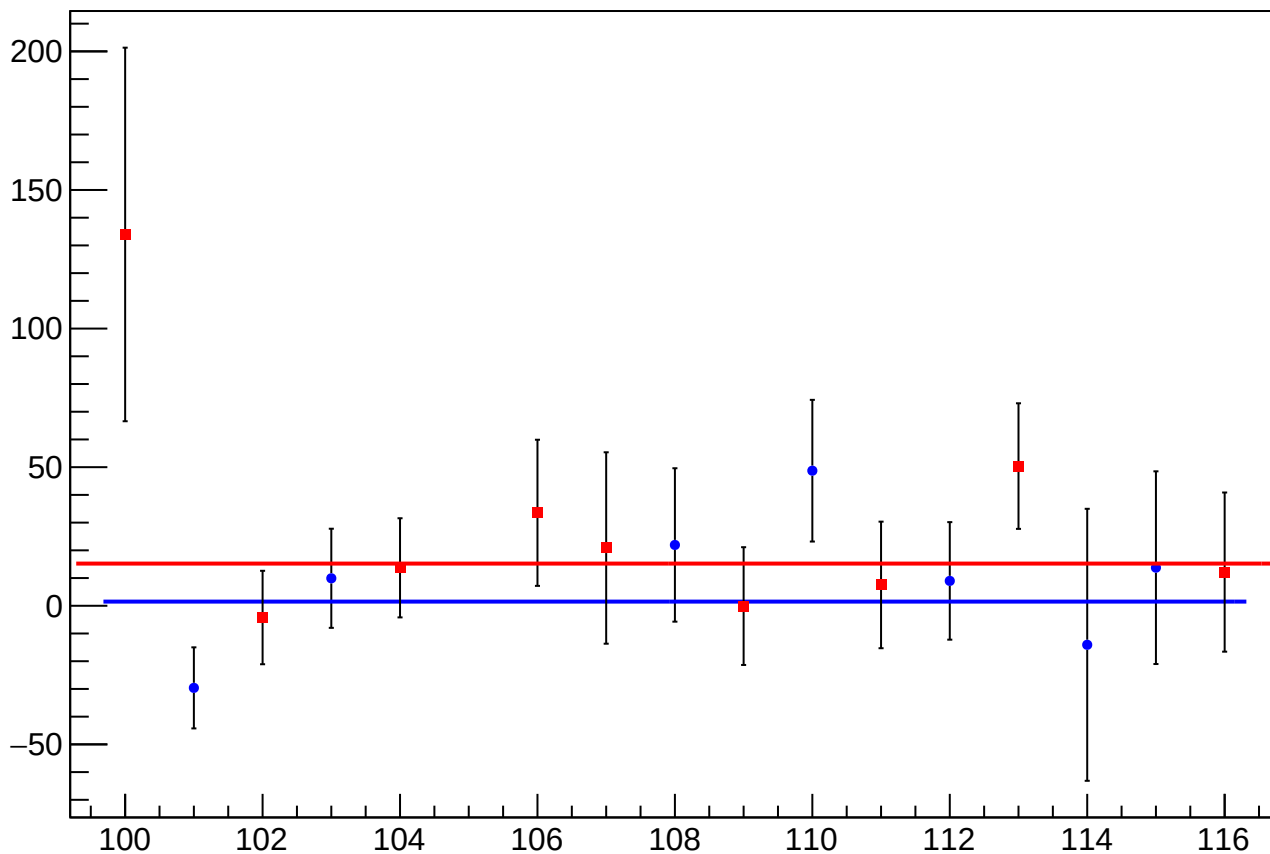
Right: 0.015+/-0.000 χ^2/NDF : 595944.2/15

In: 0.015+/-0.000 χ^2/NDF : 189948.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 595944.2/15

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 1.507+/-8.419 χ^2/NDF : 9.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.221+/-7.799 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

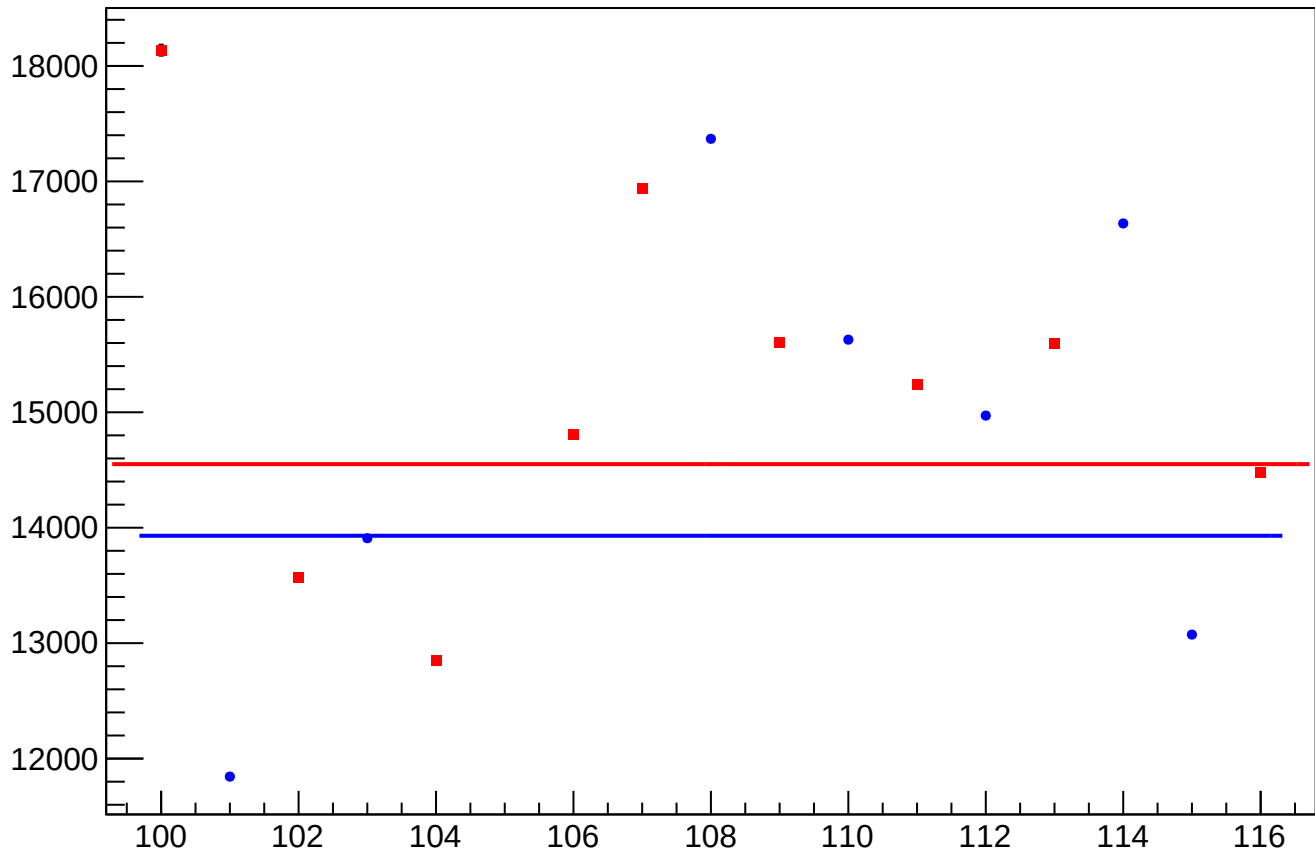
Right: 8.888+/-5.721 χ^2/NDF : 18.5/15

In: 1.507+/-8.419 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.888+/-5.721 χ^2/NDF : 18.5/15

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13930.291+/-5.953 χ^2/NDF : 92550.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14550.695+/-5.515 χ^2/NDF : 51383.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

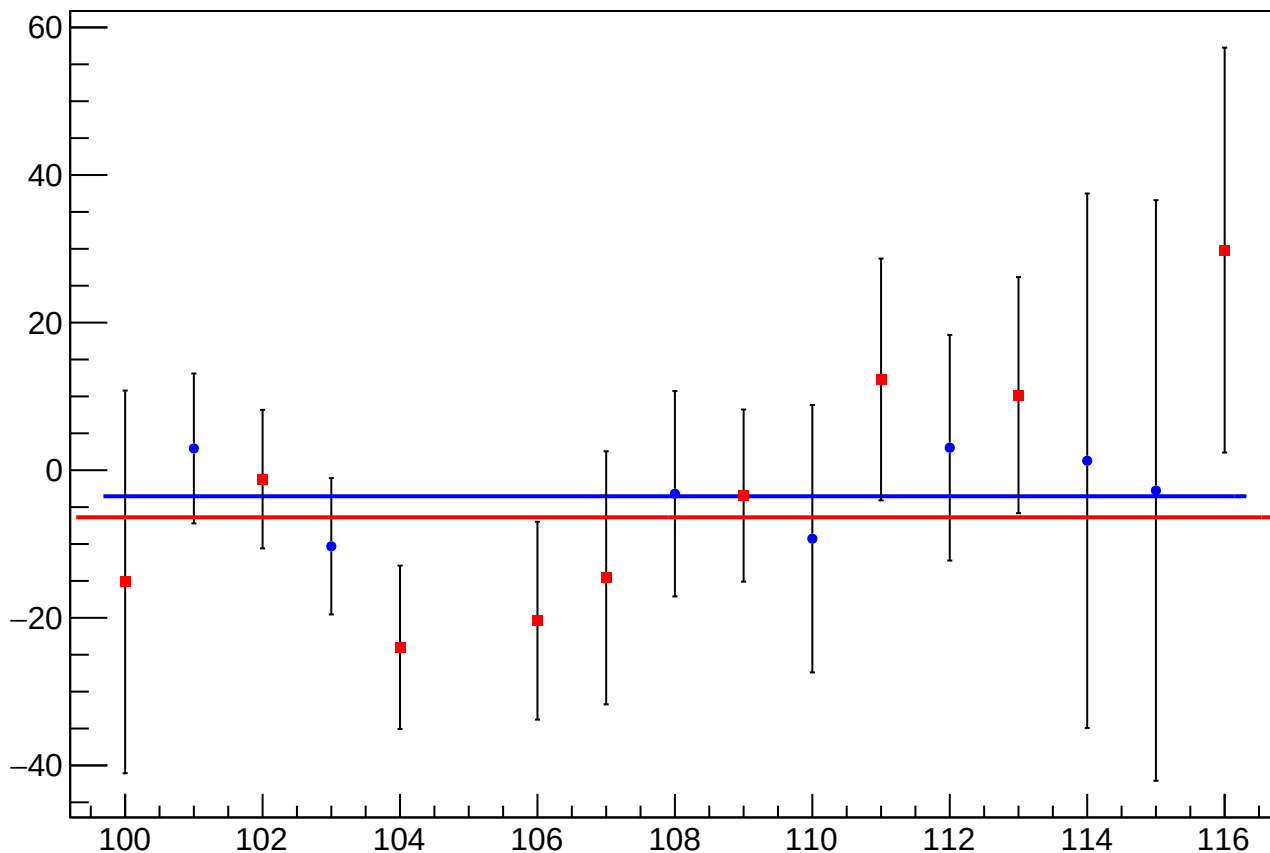
Right: 14264.175+/-4.046 χ^2/NDF : 149778.5/15

In: 13930.291+/-5.953 χ^2/NDF : 92550.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14264.175+/-4.046 χ^2/NDF : 149778.5/15

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.531+/-5.320 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.379+/-4.647 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

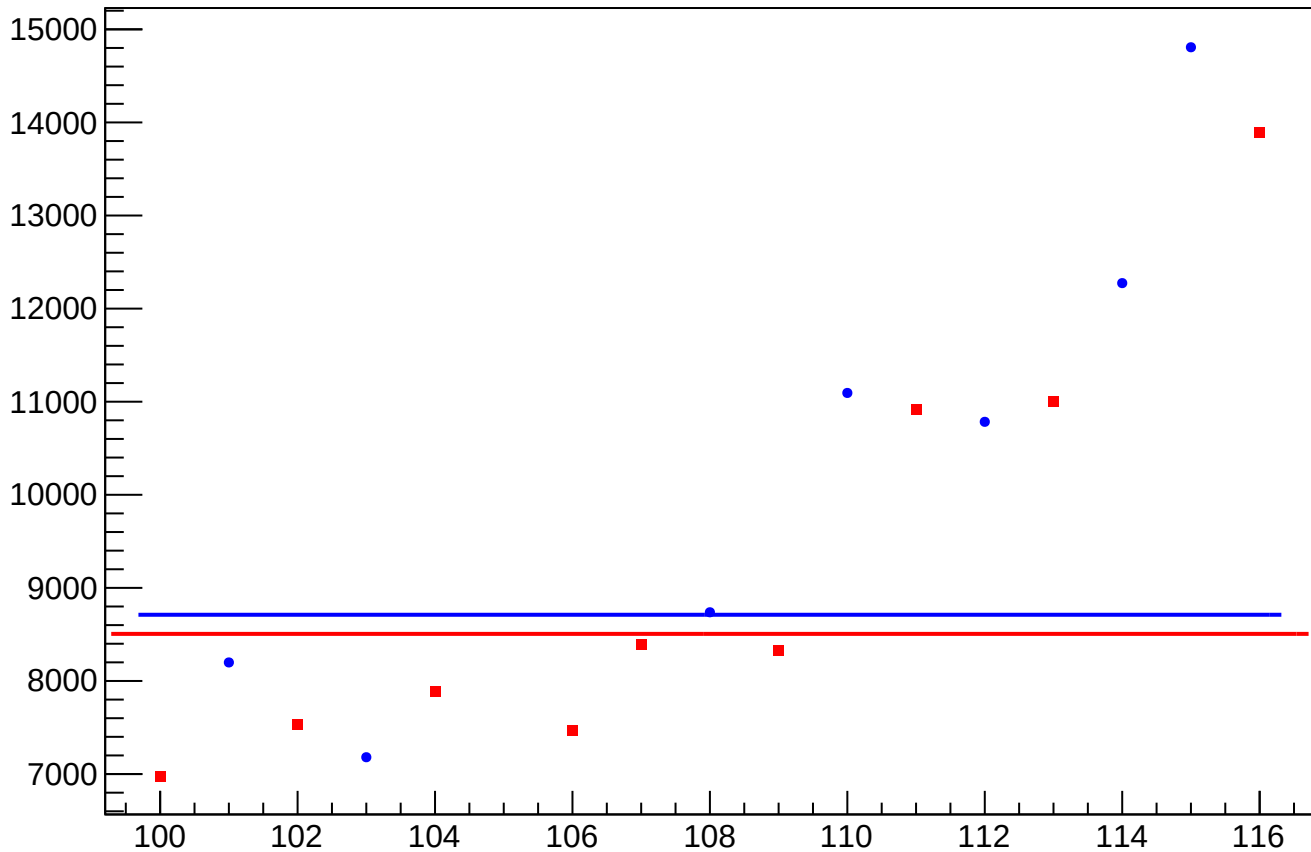
Right: -5.146+/-3.500 χ^2/NDF : 9.9/15

In: -3.531+/-5.320 χ^2/NDF :1.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.146+/-3.500 χ^2/NDF : 9.9/15

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8711.242+/-3.762 χ^2/NDF : 198780.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8505.819+/-3.286 χ^2/NDF : 216228.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

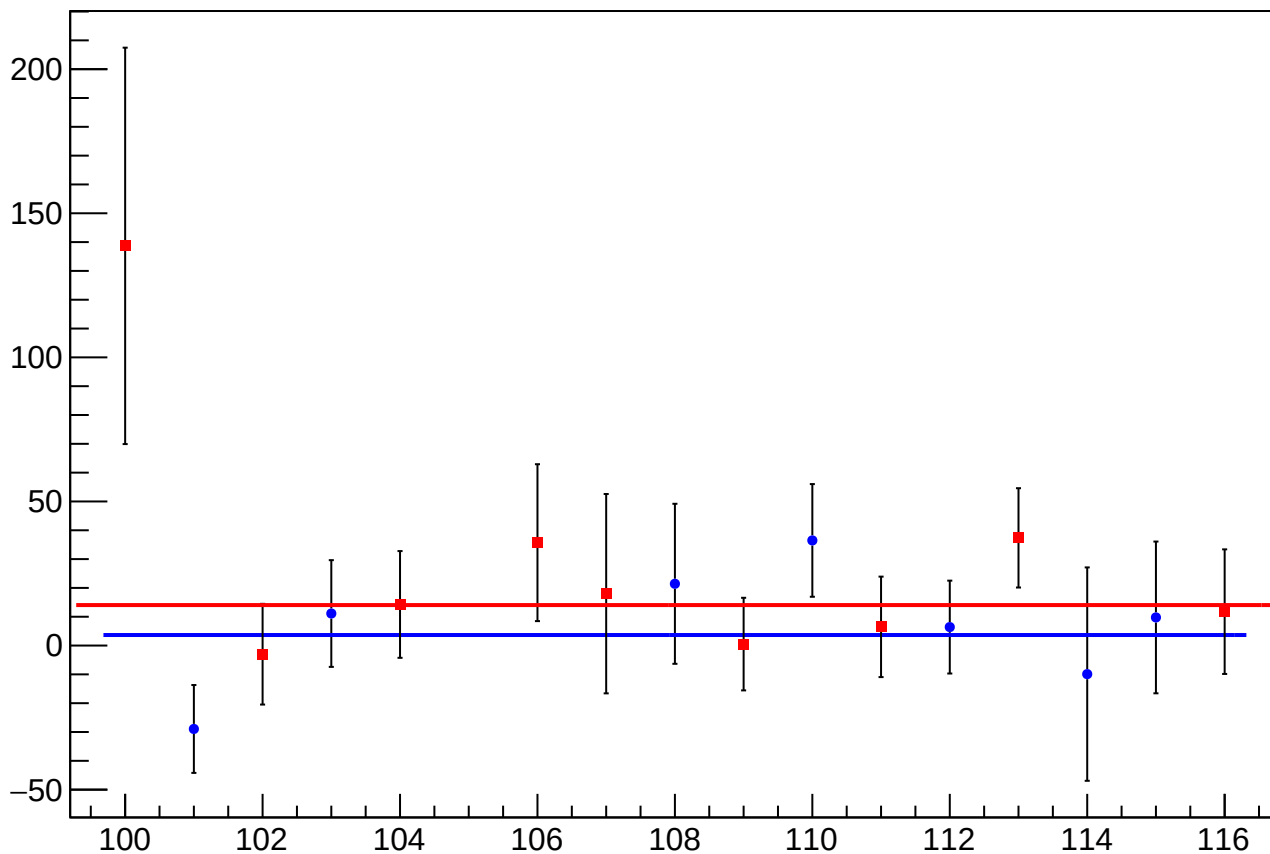
Right: 8594.729+/-2.475 χ^2/NDF : 416700.2/15

In: 8711.242+/-3.762 χ^2/NDF : 198780.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8594.729+/-2.475 χ^2/NDF : 416700.2/15

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 3.655+/-7.635 χ^2/NDF : 8.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.046+/-6.858 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

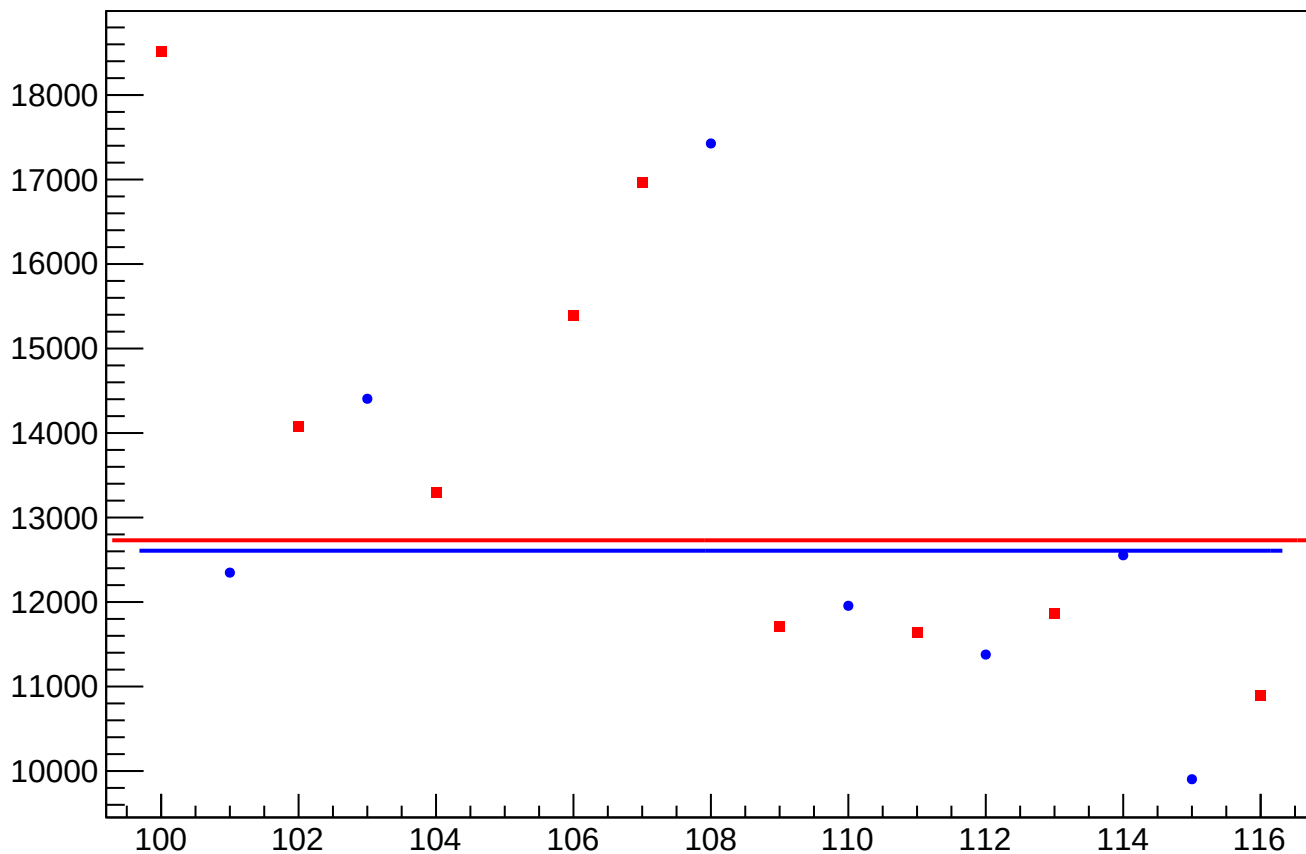
Right: 9.406+/-5.102 χ^2/NDF : 16.8/15

In: 3.655+/-7.635 χ^2/NDF : 8.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.406+/-5.102 χ^2/NDF : 16.8/15

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12607.264 $\pm$ 5.399 χ^2 /NDF: 114669.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12730.513 $\pm$ 4.850 χ^2 /NDF: 112433.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

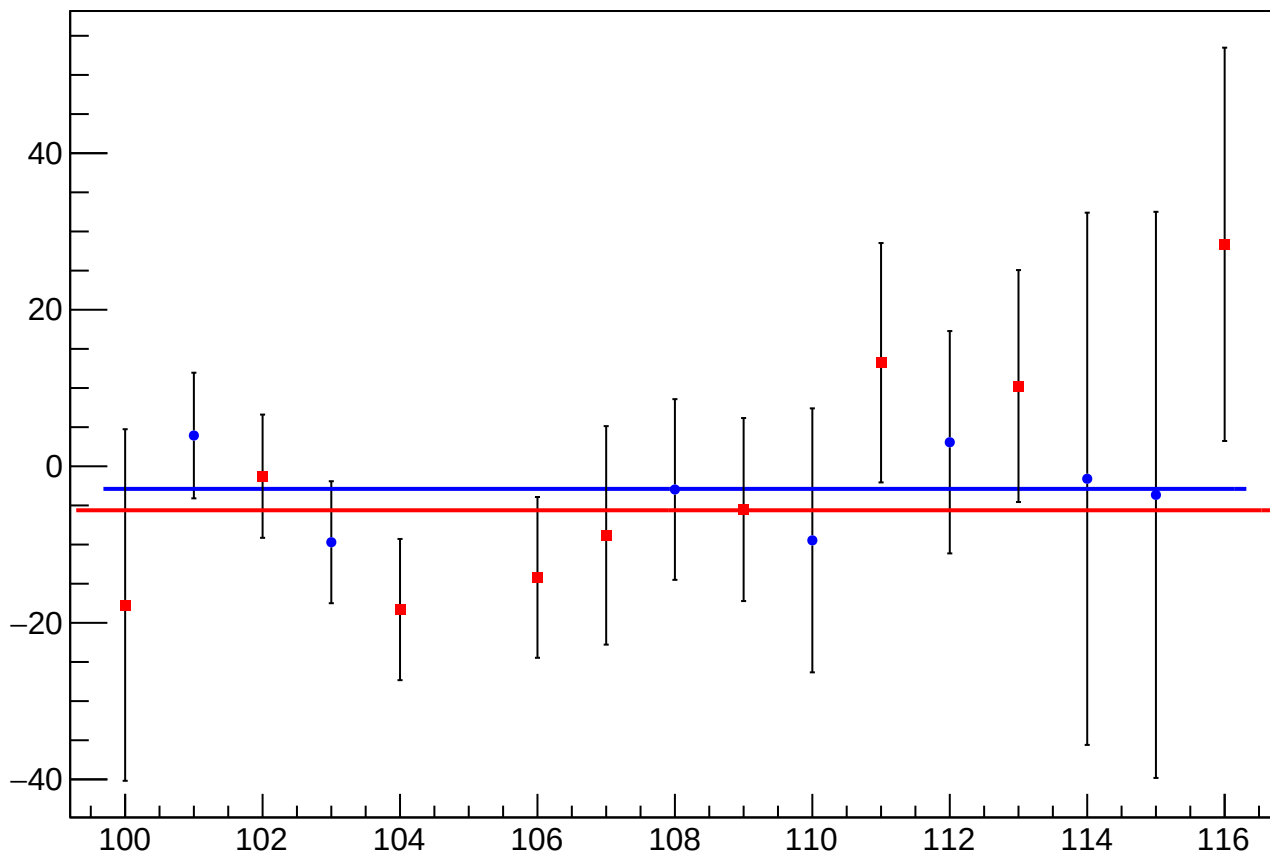
Right: 12675.473 $\pm$ 3.608 χ^2 /NDF: 227391.5/15

In: 12607.264 $\pm$ 5.399 χ^2 /NDF:114669.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12675.473 $\pm$ 3.608 χ^2 /NDF: 227391.5/15

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -2.886 ± 4.490 χ^2/NDF : 1.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.618 ± 3.992 χ^2/NDF : 7.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

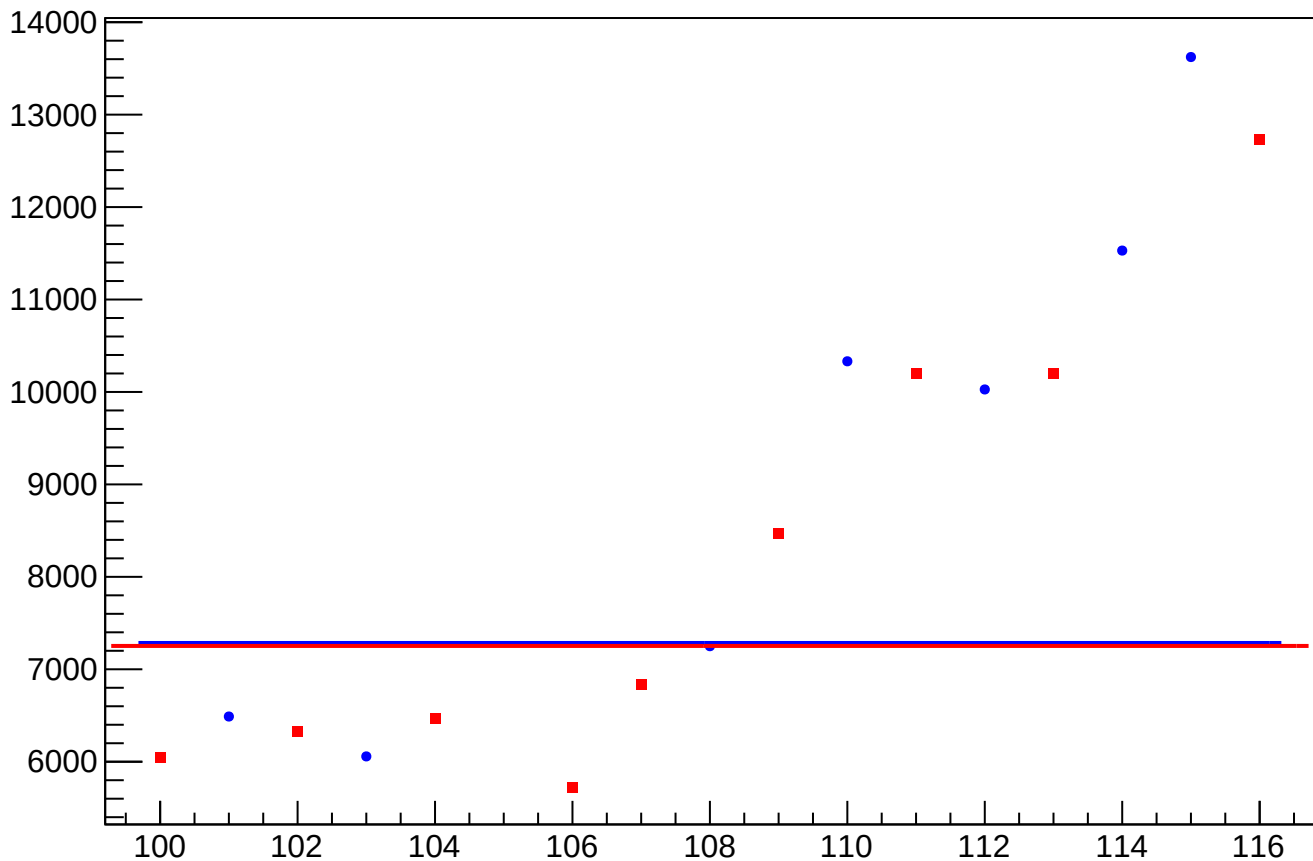
Right: -4.412 ± 2.983 χ^2/NDF : 9.8/15

In: -2.886 ± 4.490 χ^2/NDF : 1.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.412 ± 2.983 χ^2/NDF : 9.8/15

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7284.601+/-3.175 χ^2/NDF : 301773.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7252.534+/-2.823 χ^2/NDF : 364365.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

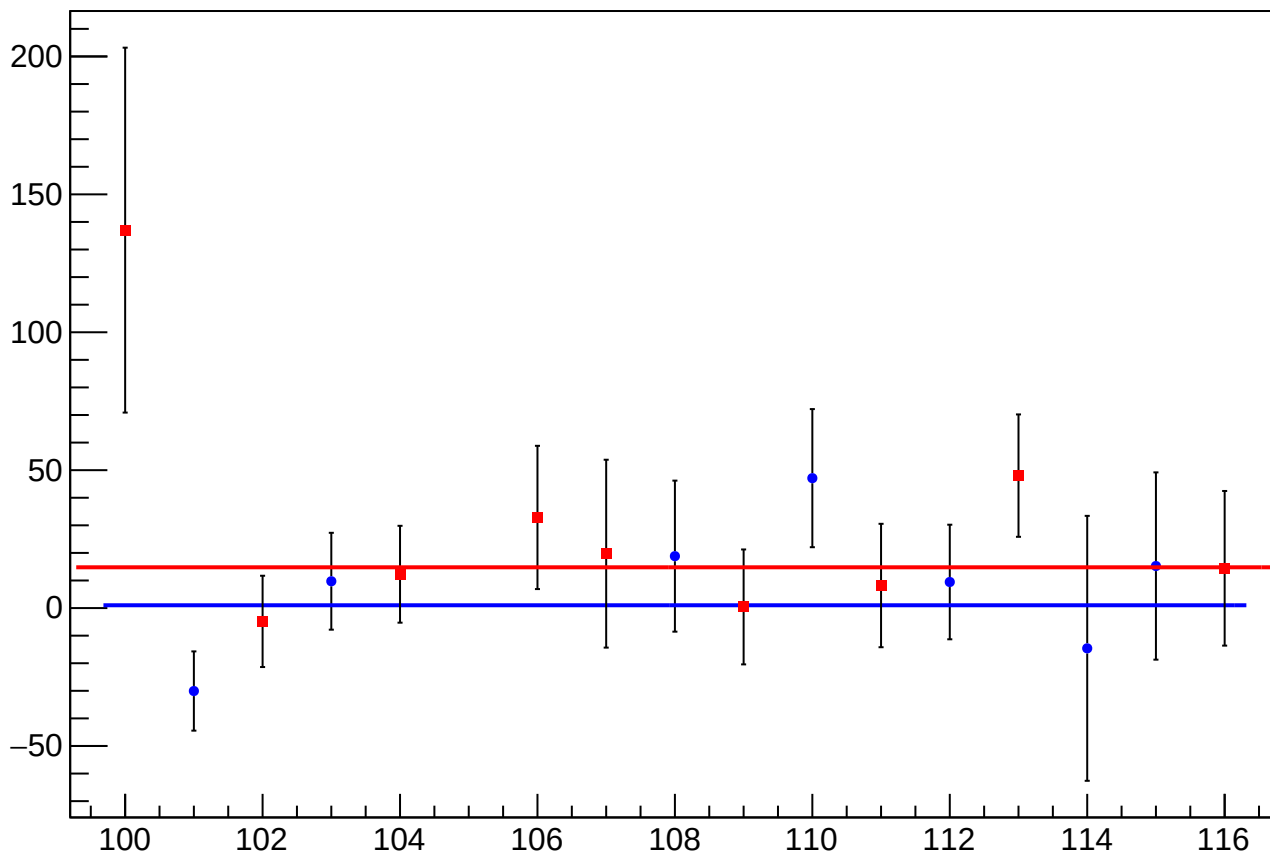
Right: 7266.693+/-2.110 χ^2/NDF : 666195.9/15

In: 7284.601+/-3.175 χ^2/NDF : 301773.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7266.693+/-2.110 χ^2/NDF : 666195.9/15

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: 1.019+/-8.266 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.783+/-7.654 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

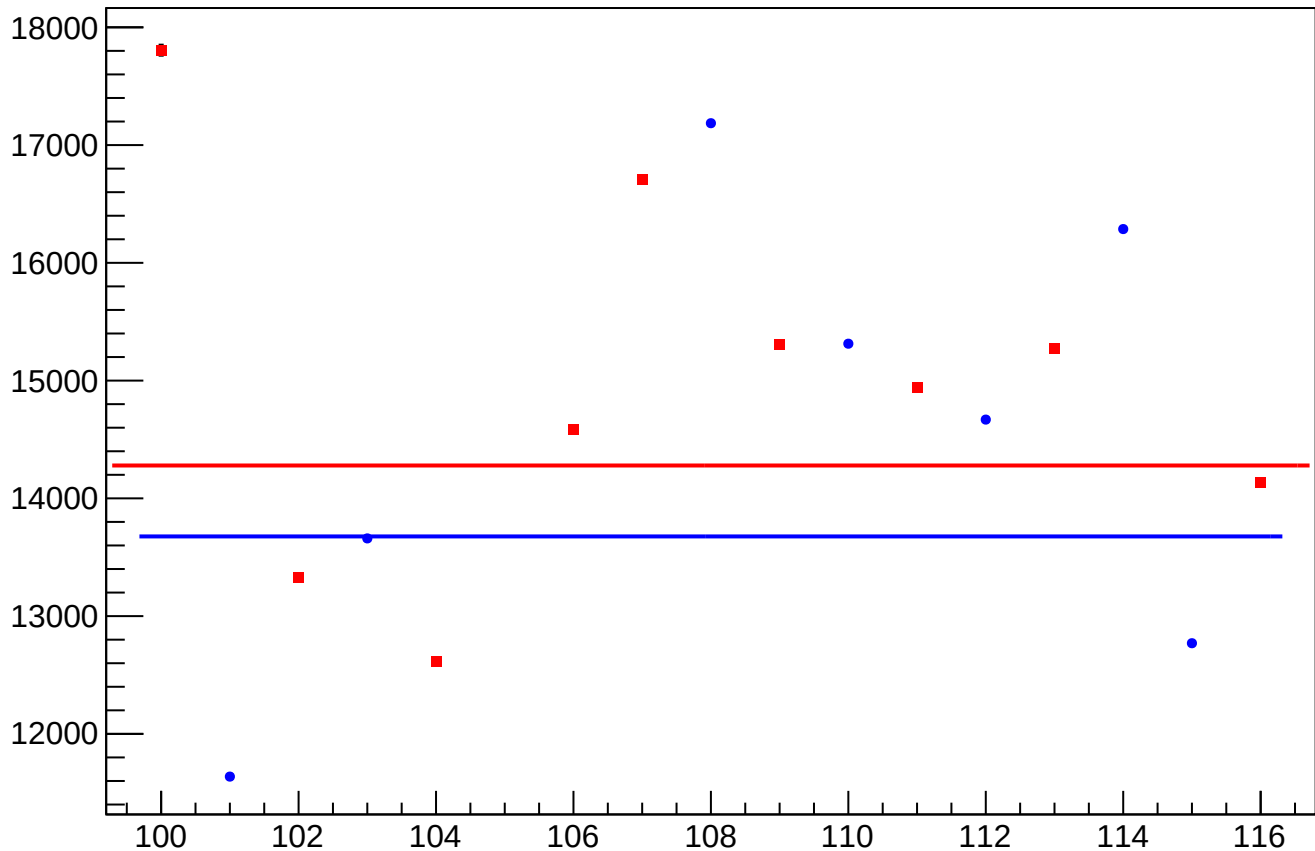
Right: 8.431+/-5.616 χ^2/NDF : 18.8/15

In: 1.019+/-8.266 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.431+/-5.616 χ^2/NDF : 18.8/15

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13676.738 $\pm$ 5.845 χ^2/NDF : 93588.0/6

Left Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Right Out: 14279.101 $\pm$ -5.412 χ^2/NDF : 51462.9/8

Left In: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ -0.000 χ^2/NDF : 0.0/0

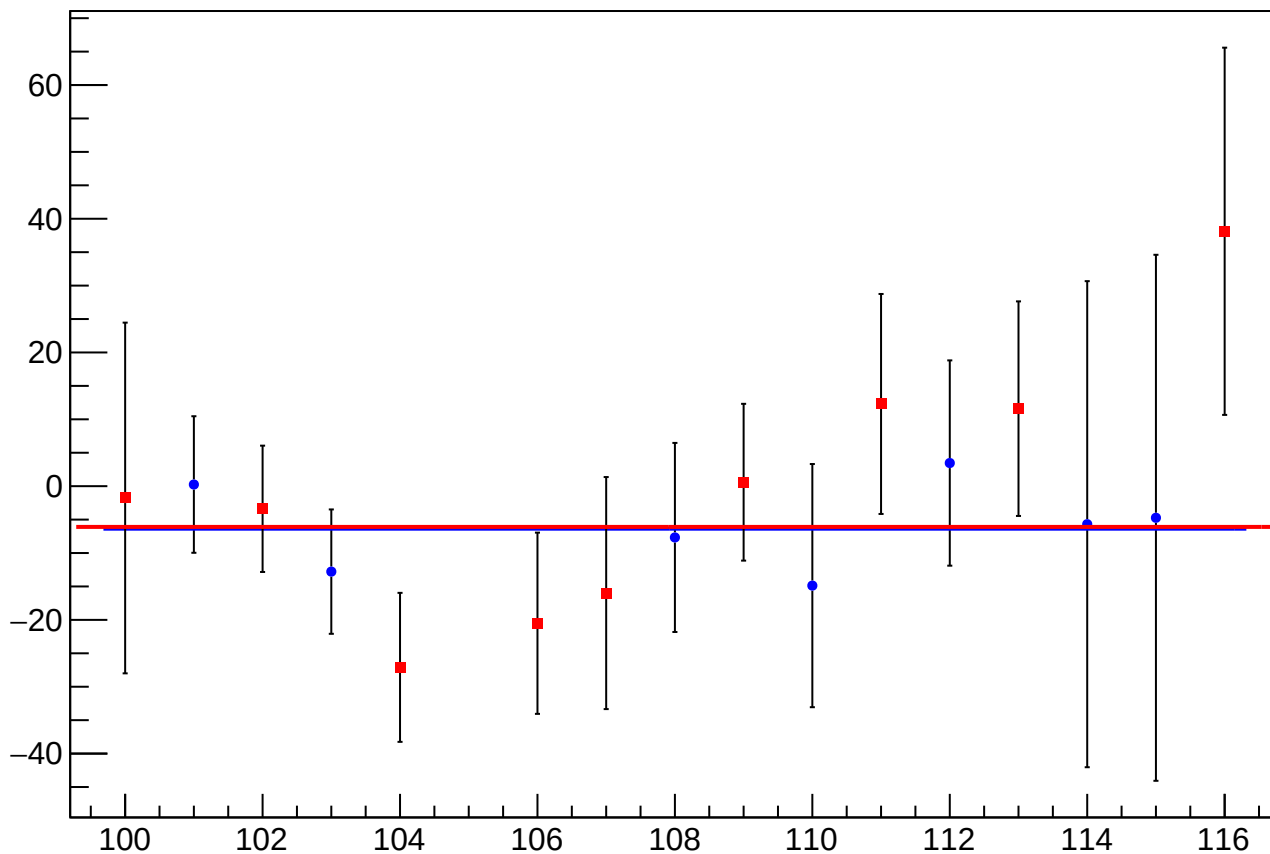
Right: 14001.075 $\pm$ -3.971 χ^2/NDF : 150769.0/15

In: 13676.738 $\pm$ -5.845 χ^2/NDF :93588.0/6

Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

All: 14001.075 $\pm$ -3.971 χ^2/NDF : 150769.0/15

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.358+/-5.360 χ^2 /NDF: 1.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.094+/-4.680 χ^2 /NDF: 10.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

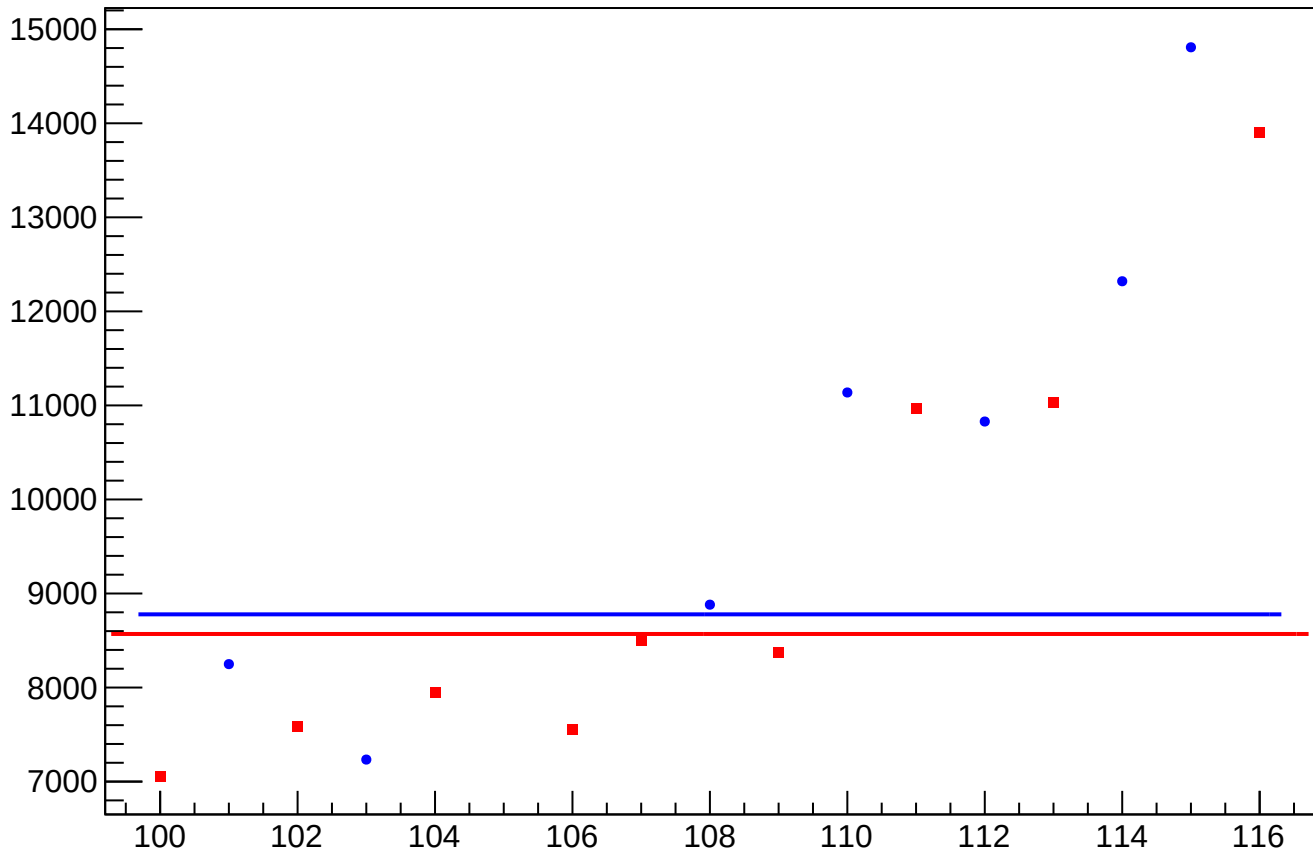
Right: -6.208+/-3.525 χ^2 /NDF: 12.0/15

In: -6.358+/-5.360 χ^2 /NDF:1.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.208+/-3.525 χ^2 /NDF: 12.0/15

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8778.340+/-3.790 χ^2/NDF : 195889.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8569.578+/-3.310 χ^2/NDF : 211617.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

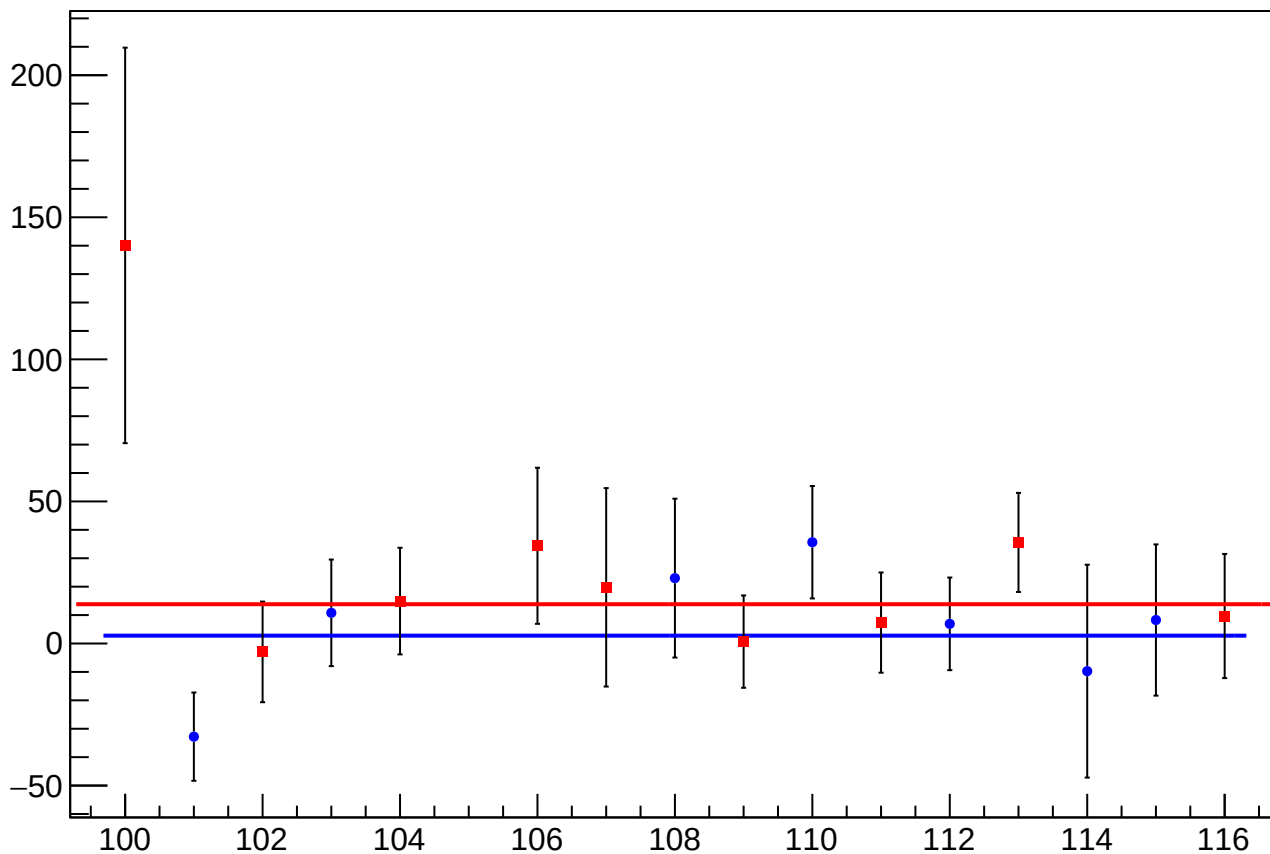
Right: 8659.903+/-2.493 χ^2/NDF : 409228.7/15

In: 8778.340+/-3.790 χ^2/NDF : 195889.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8659.903+/-2.493 χ^2/NDF : 409228.7/15

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 2.761+/-7.735 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.824+/-6.939 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

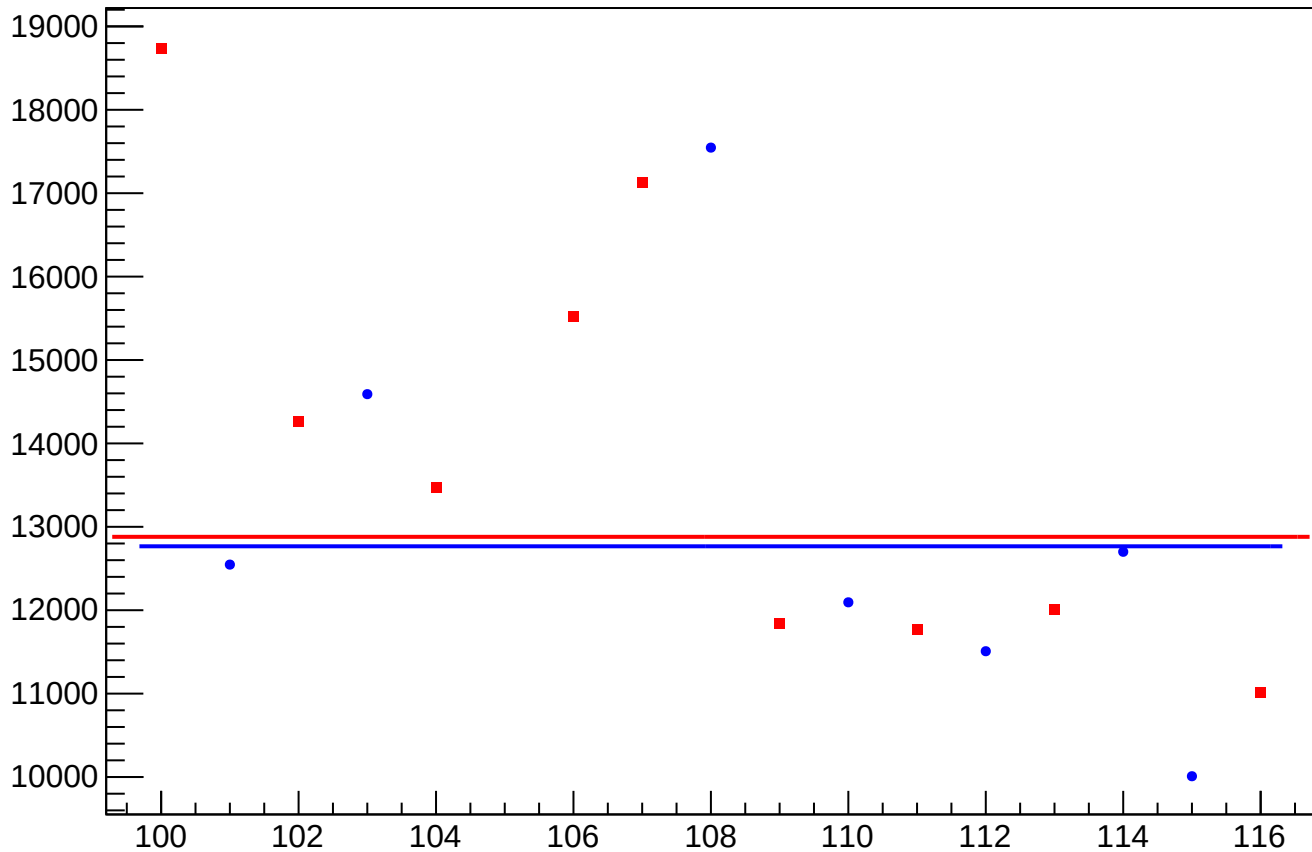
Right: 8.891+/-5.165 χ^2/NDF : 17.2/15

In: 2.761+/-7.735 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.891+/-5.165 χ^2/NDF : 17.2/15

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12766.372+/-5.470 χ^2/NDF : 113494.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12880.001+/-4.906 χ^2/NDF : 112193.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

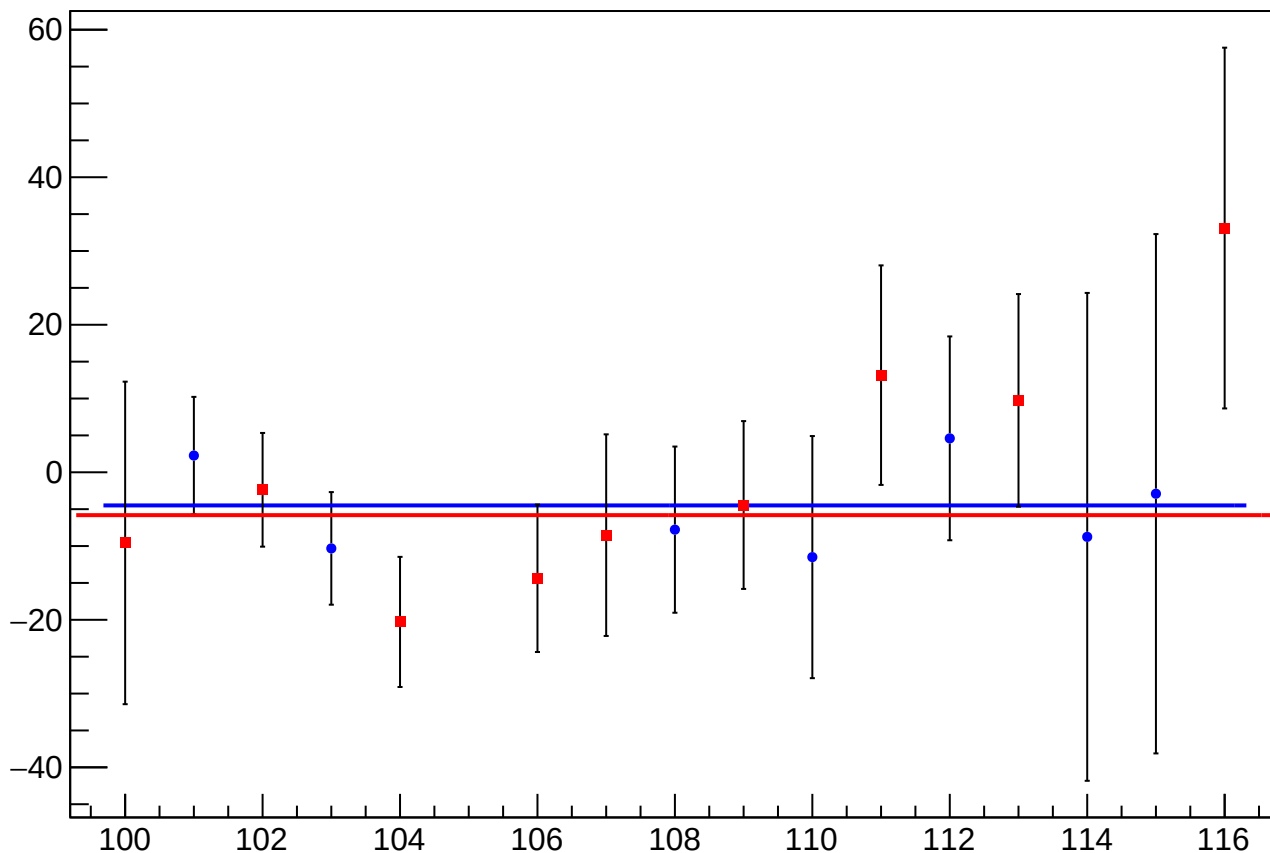
Right: 12829.338+/-3.652 χ^2/NDF : 225927.7/15

In: 12766.372+/-5.470 χ^2/NDF : 113494.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12829.338+/-3.652 χ^2/NDF : 225927.7/15

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.492 $\pm$ 4.405 χ^2 /NDF: 2.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.811 $\pm$ 3.896 χ^2 /NDF: 9.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

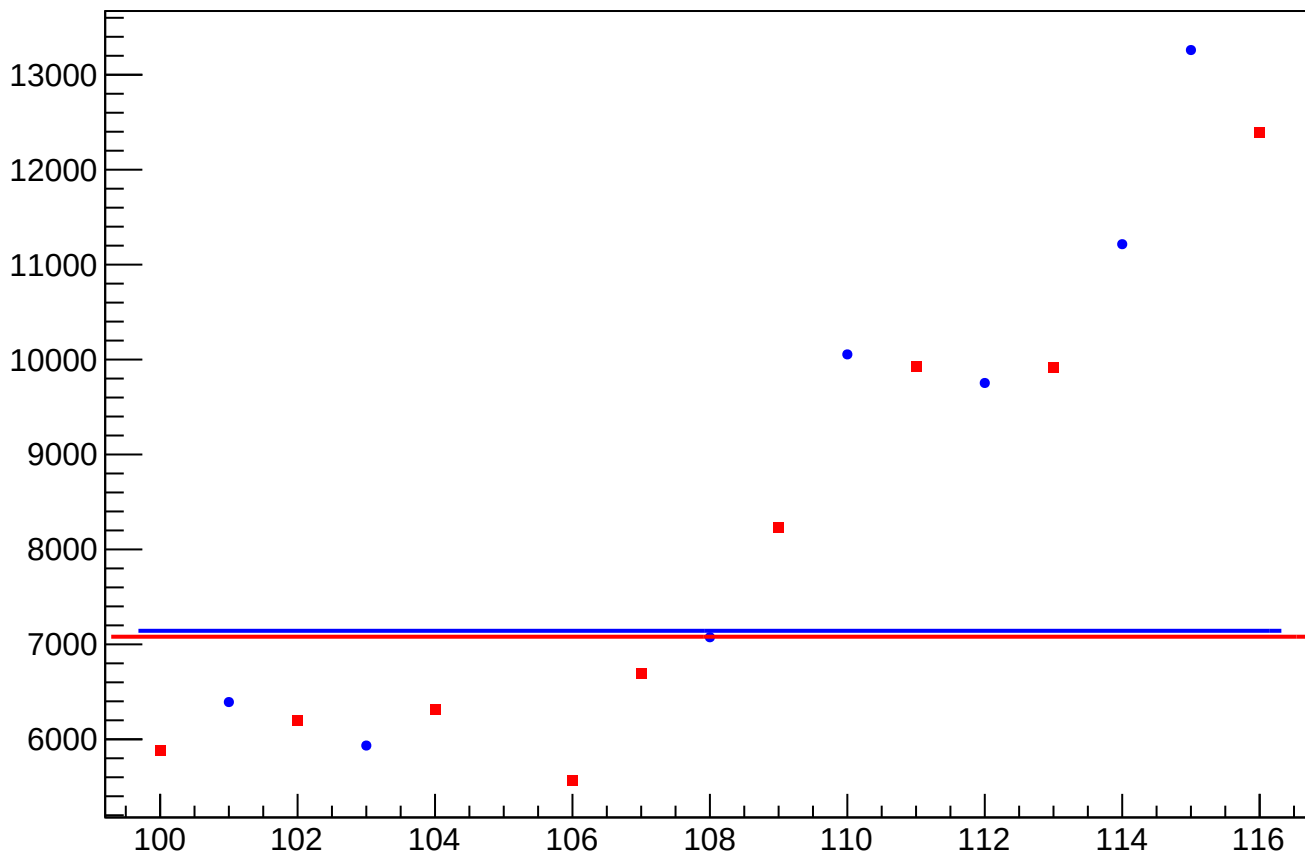
Right: -5.232 $\pm$ 2.919 χ^2 /NDF: 11.1/15

In: -4.492 $\pm$ 4.405 χ^2 /NDF:2.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.232 $\pm$ 2.919 χ^2 /NDF: 11.1/15

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7142.857+/-3.115 χ^2/NDF : 293117.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7080.512+/-2.755 χ^2/NDF : 359775.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

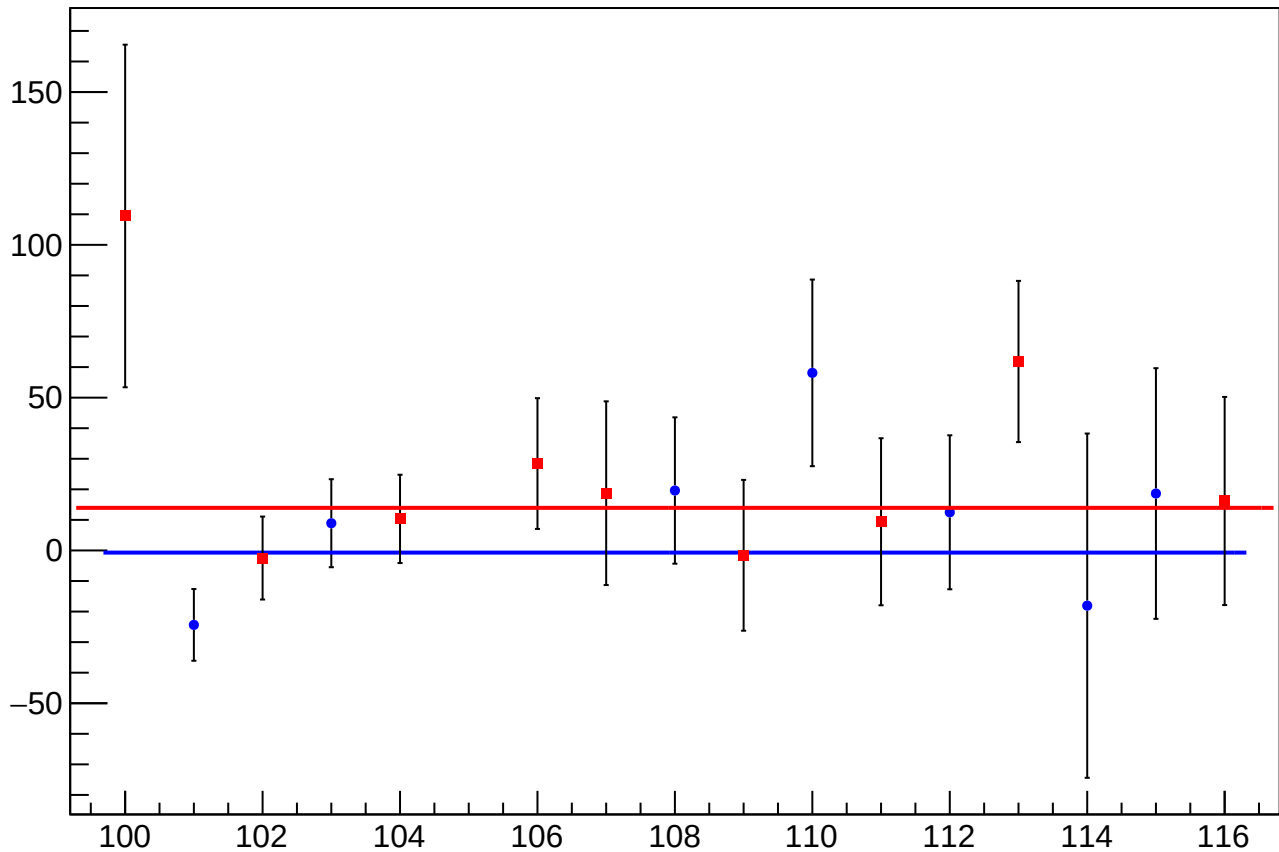
Right: 7107.875+/-2.064 χ^2/NDF : 653117.3/15

In: 7142.857+/-3.115 χ^2/NDF : 293117.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7107.875+/-2.064 χ^2/NDF : 653117.3/15

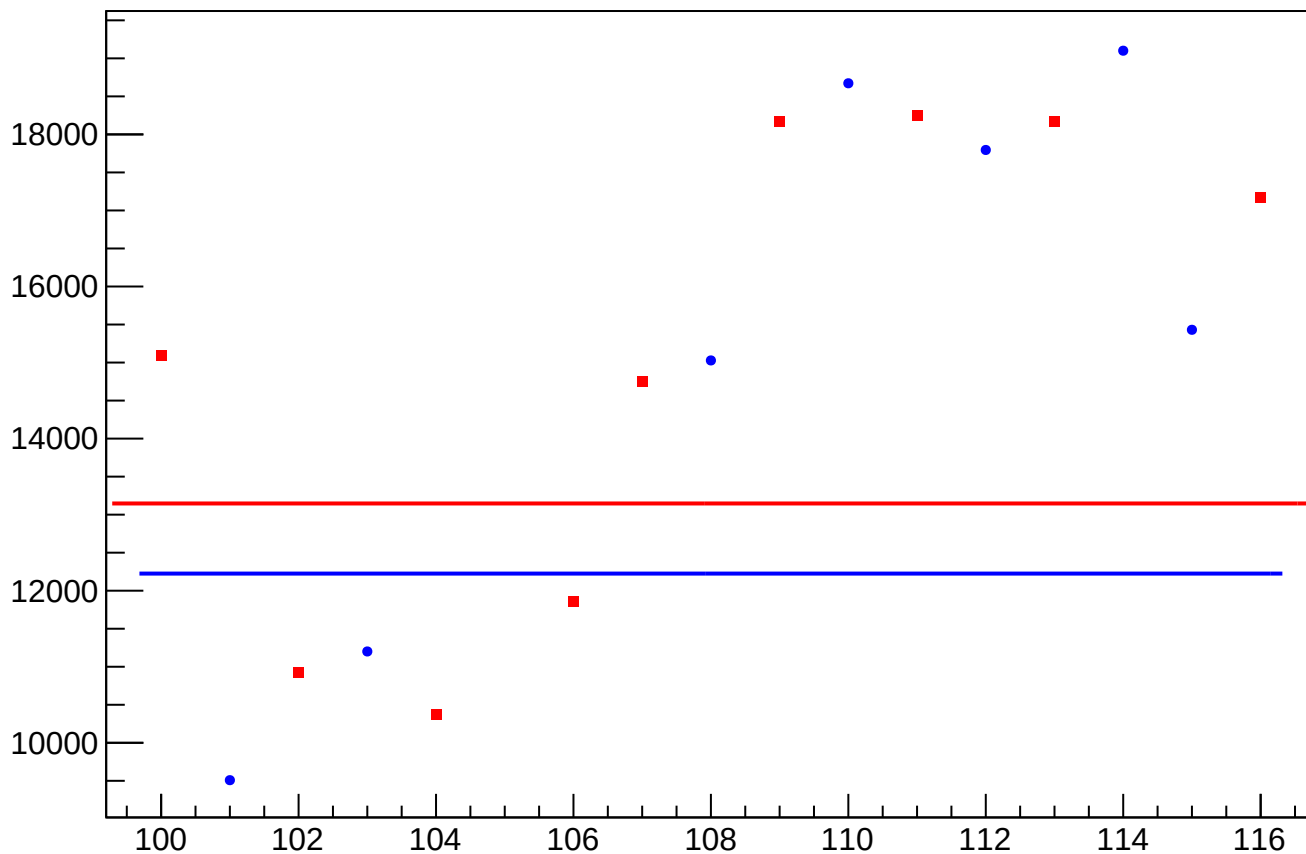
diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -0.703 ± 7.585 χ^2/NDF : 9.5/6
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right Out: 13.940 ± 7.234 χ^2/NDF : 8.6/8
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right: 6.965 ± 5.235 χ^2/NDF : 20.1/15
In: -0.703 ± 7.585 χ^2/NDF : 9.5/6
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
All: 6.965 ± 5.235 χ^2/NDF : 20.1/15

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12225.076+/-5.363 χ^2/NDF : 373580.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13147.034+/-5.115 χ^2/NDF : 395202.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

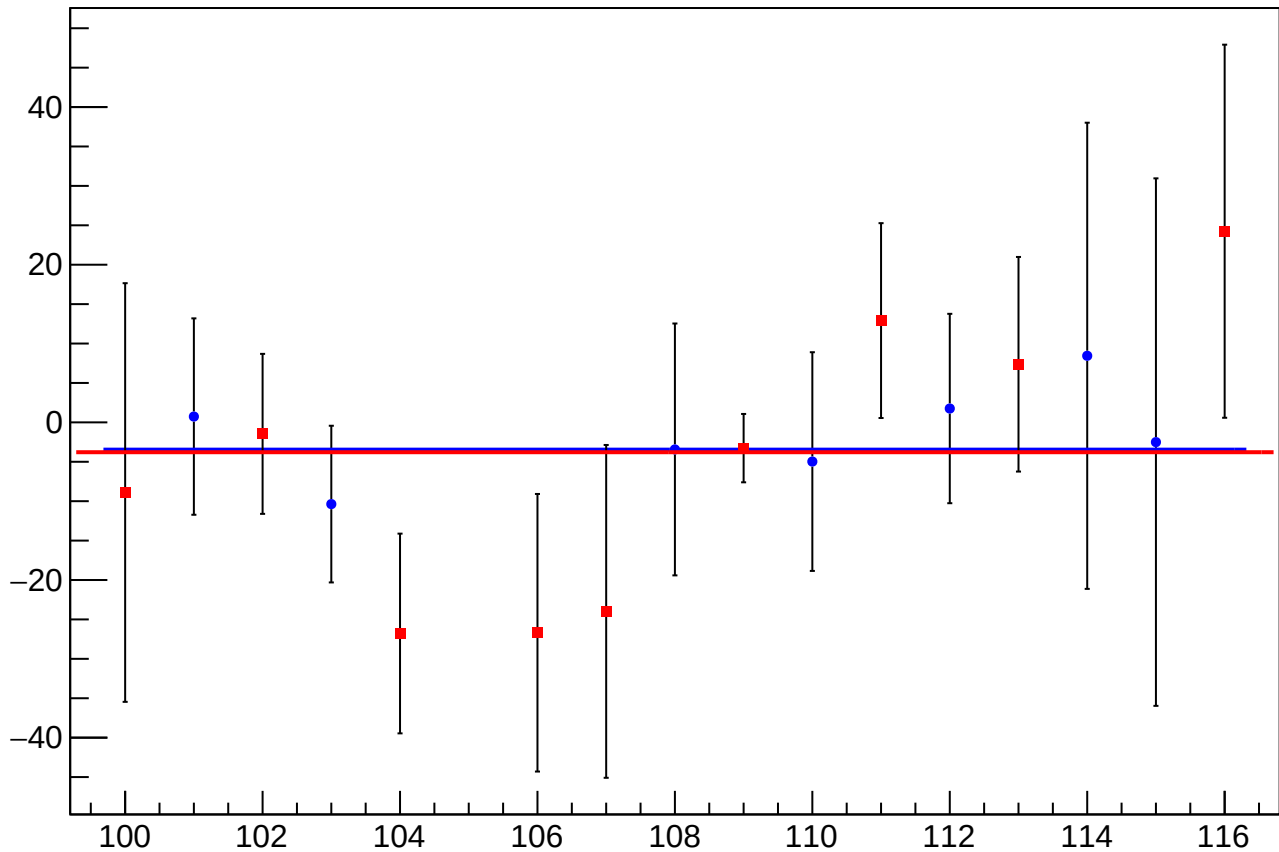
Right: 12707.884+/-3.702 χ^2/NDF : 784257.4/15

In: 12225.076+/-5.363 χ^2/NDF : 373580.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12707.884+/-3.702 χ^2/NDF : 784257.4/15

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -3.462+/-5.372 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.787+/-3.338 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

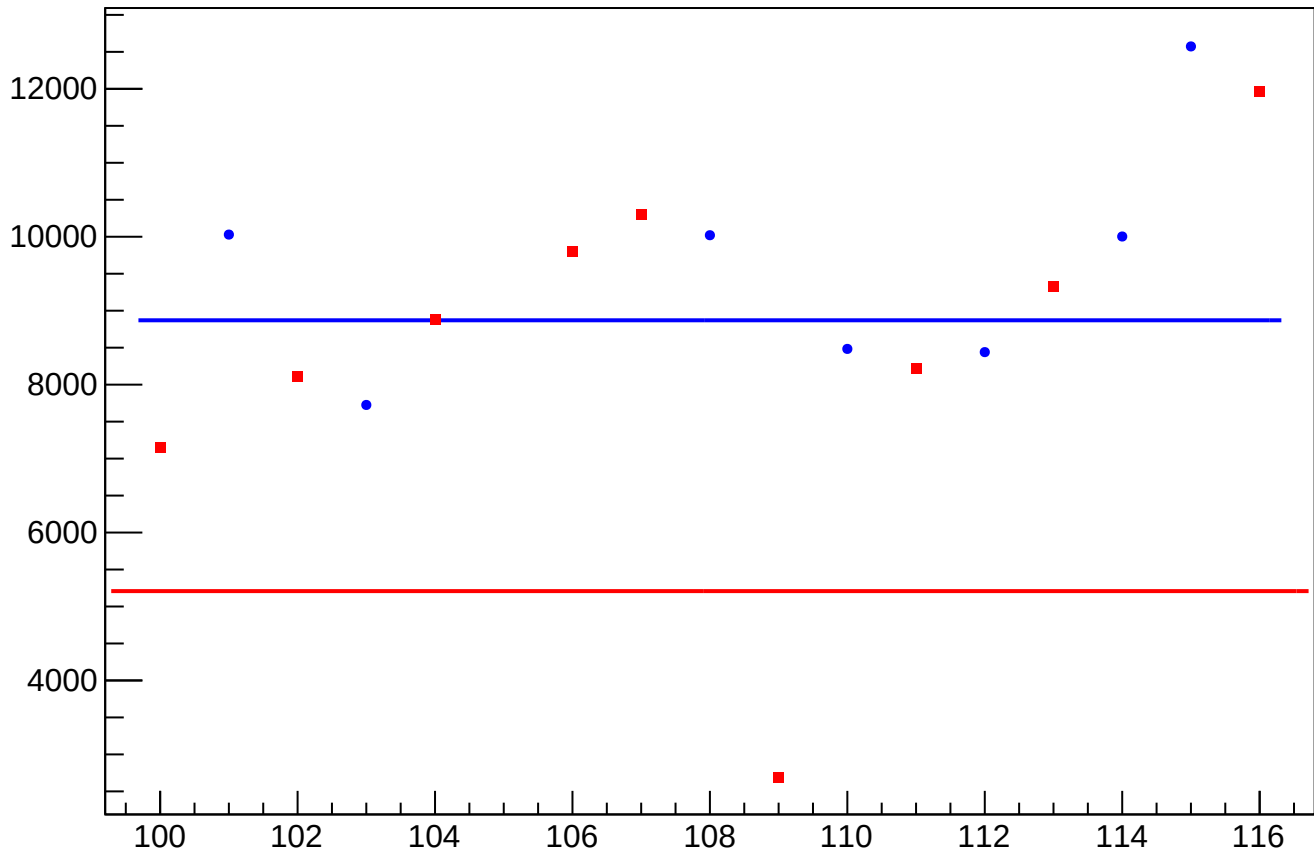
Right: -3.697+/-2.836 χ^2/NDF : 10.9/15

In: -3.462+/-5.372 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.697+/-2.836 χ^2/NDF : 10.9/15

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8870.198+/-3.799 χ^2/NDF : 85762.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5208.218+/-2.361 χ^2/NDF : 1736474.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

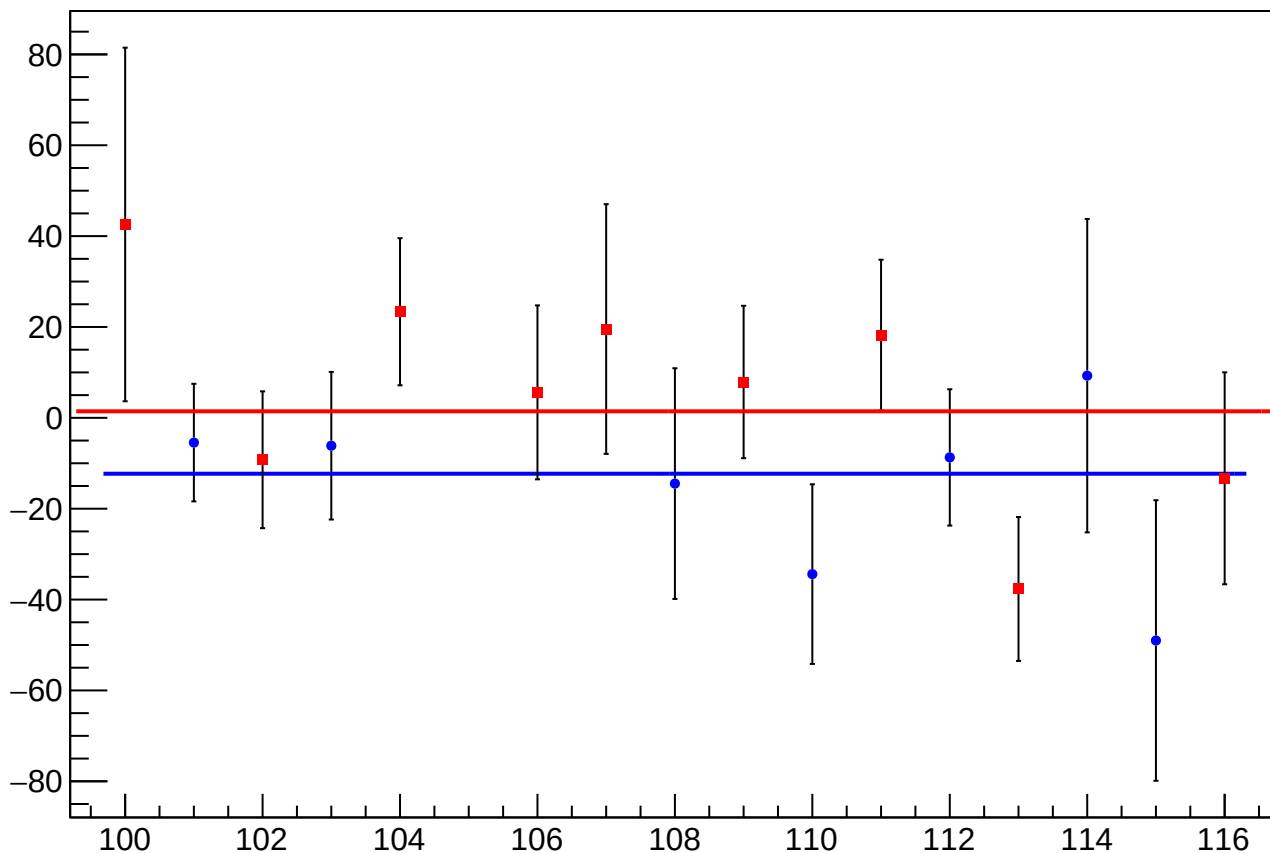
Right: 6228.322+/-2.005 χ^2/NDF : 2492605.0/15

In: 8870.198+/-3.799 χ^2/NDF : 85762.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6228.322+/-2.005 χ^2/NDF : 2492605.0/15

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -12.301+/-7.035 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.439+/-6.208 χ^2/NDF : 11.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

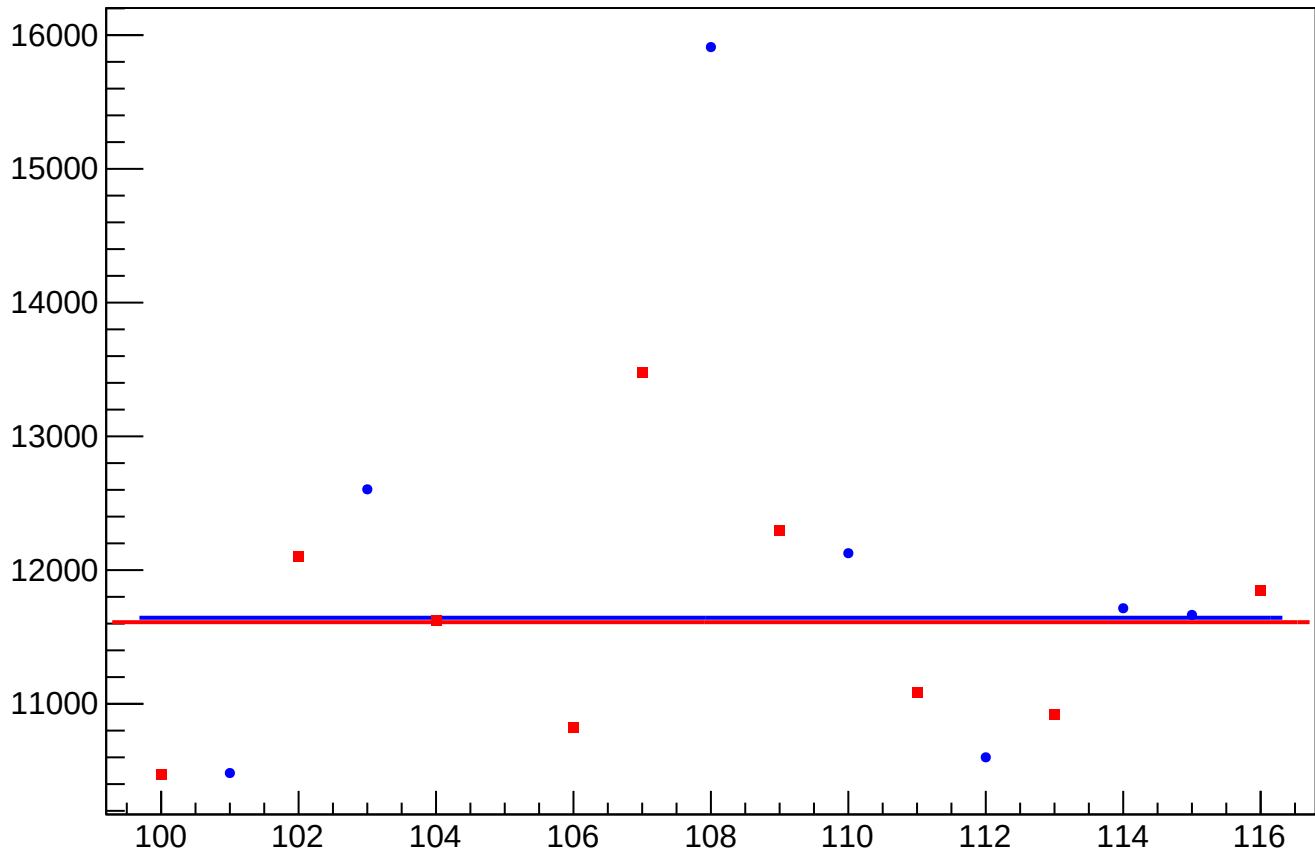
Right: -4.576+/-4.655 χ^2/NDF : 17.3/15

In: -12.301+/-7.035 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.576+/-4.655 χ^2/NDF : 17.3/15

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11643.775+/-4.975 χ^2/NDF : 90458.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11610.657+/-4.390 χ^2/NDF : 25805.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

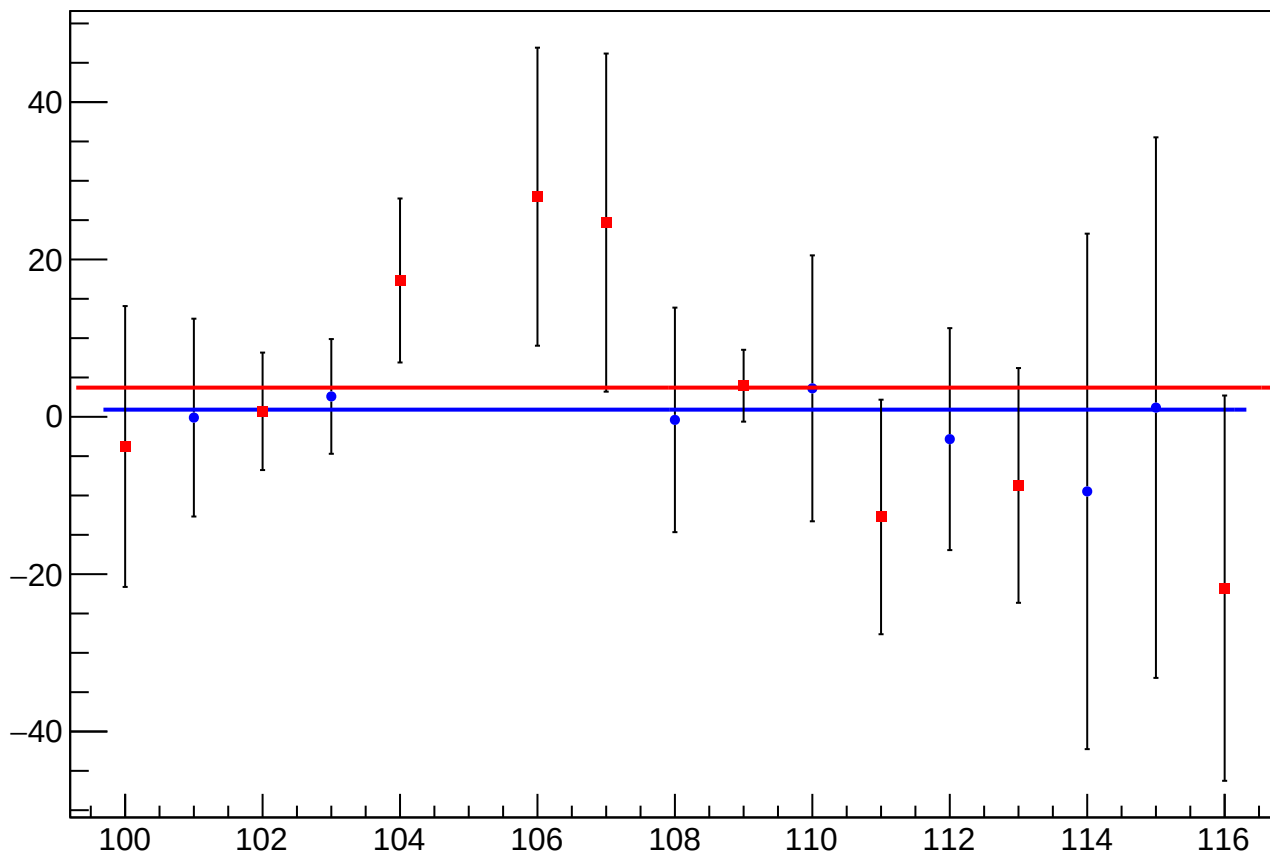
Right: 11625.155+/-3.291 χ^2/NDF : 116289.3/15

In: 11643.775+/-4.975 χ^2/NDF : 90458.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11625.155+/-3.291 χ^2/NDF : 116289.3/15

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.912 $\pm$ 4.978 χ^2 /NDF: 0.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.712 $\pm$ 3.264 χ^2 /NDF: 7.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

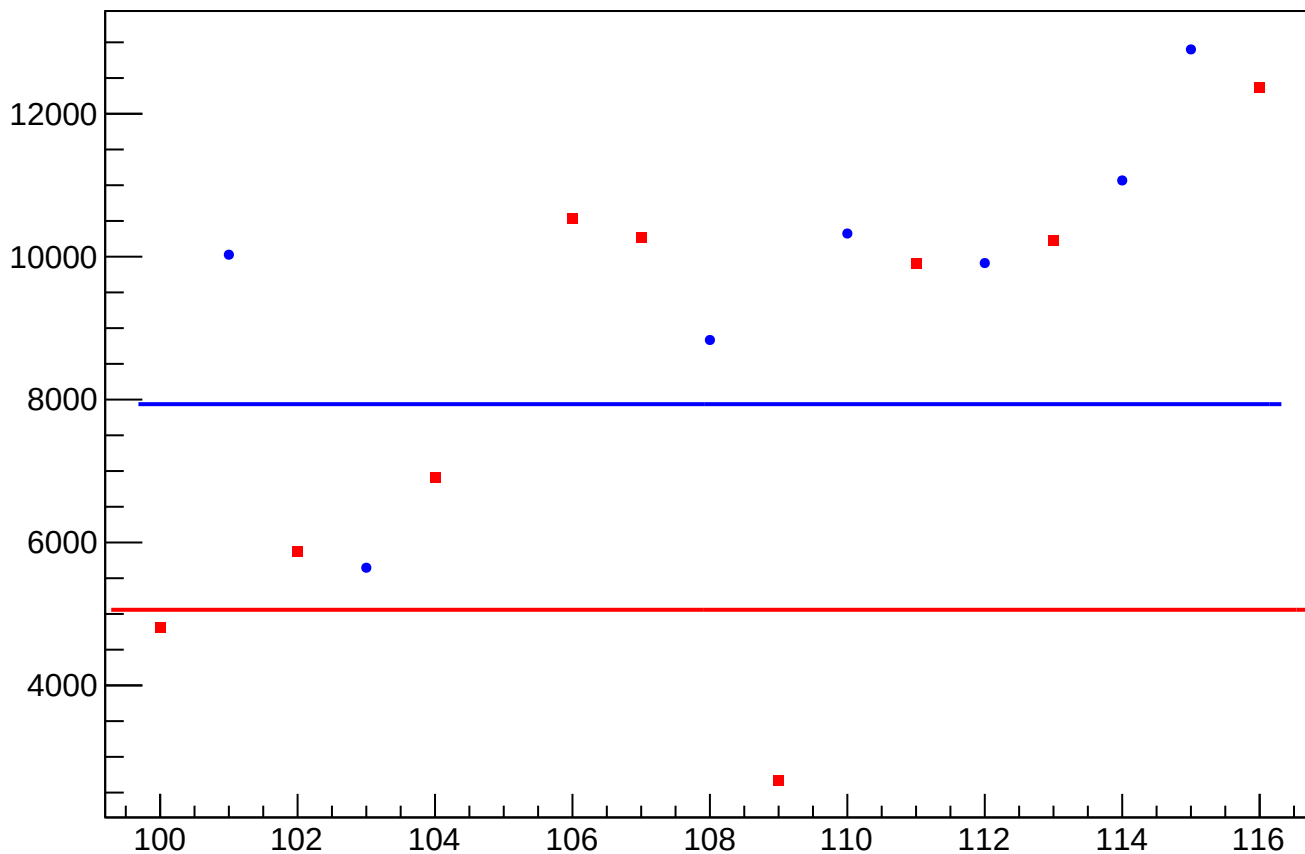
Right: 2.870 $\pm$ 2.730 χ^2 /NDF: 8.1/15

In: 0.912 $\pm$ 4.978 χ^2 /NDF:0.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.870 $\pm$ 2.730 χ^2 /NDF: 8.1/15

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7935.991+/-3.520 χ^2/NDF : 399527.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5058.396+/-2.308 χ^2/NDF : 1549469.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

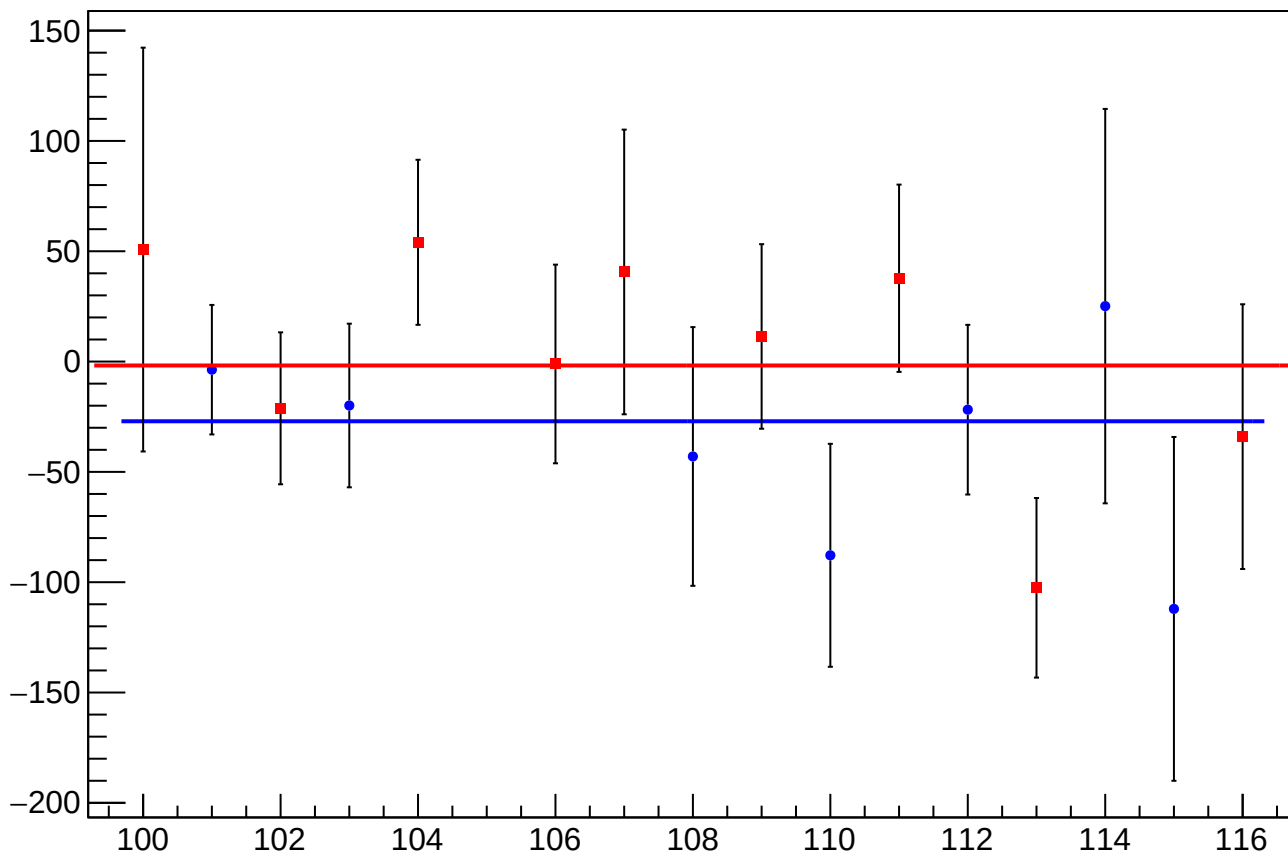
Right: 5923.581+/-1.930 χ^2/NDF : 2416332.2/15

In: 7935.991+/-3.520 χ^2/NDF : 399527.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5923.581+/-1.930 χ^2/NDF : 2416332.2/15

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -27.060 $\pm$ 16.814 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.776 $\pm$ 15.041 χ^2 /NDF: 10.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

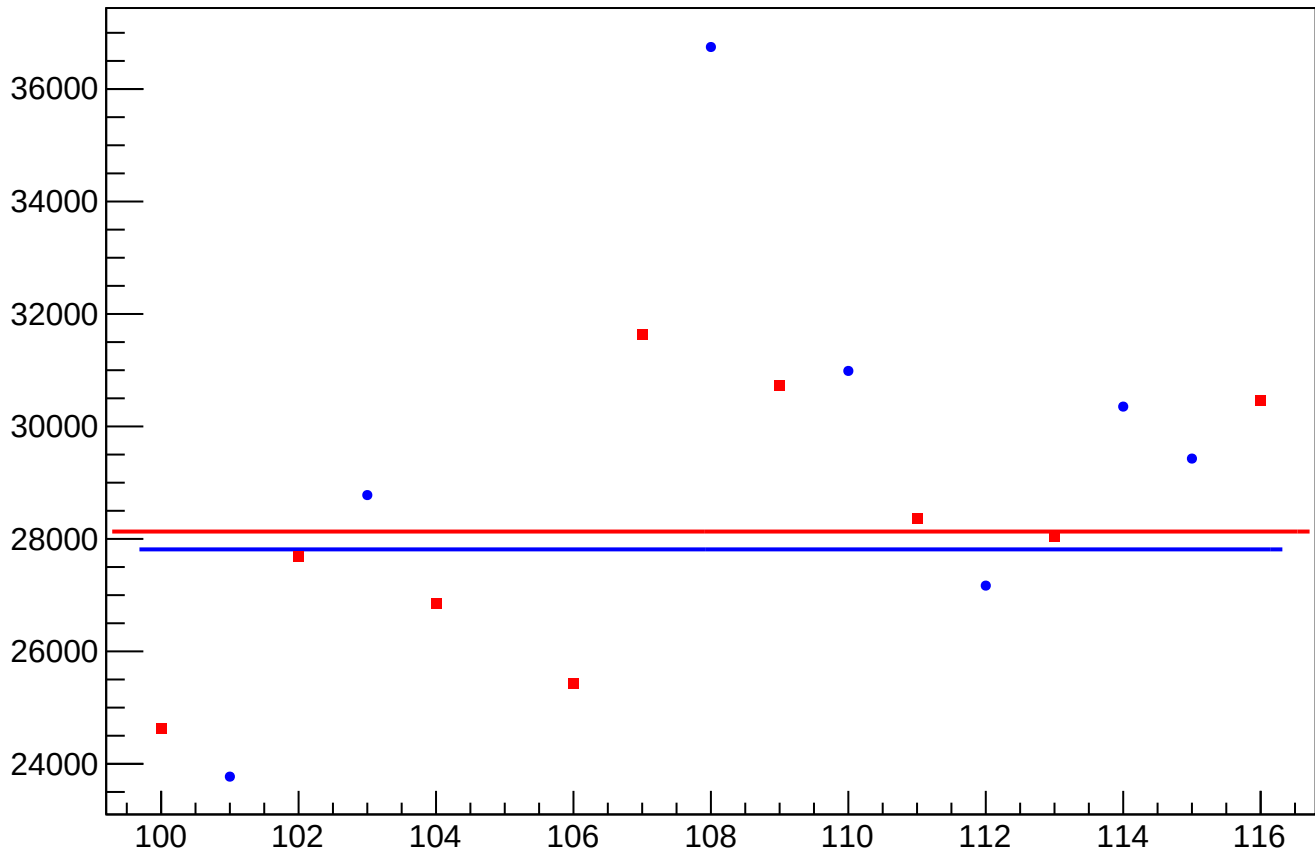
Right: -13.015 $\pm$ 11.210 χ^2 /NDF: 15.7/15

In: -27.060 $\pm$ 16.814 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.015 $\pm$ 11.210 χ^2 /NDF: 15.7/15

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27813.694+/-11.889 χ^2/NDF : 96649.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28130.919+/-10.636 χ^2/NDF : 29504.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

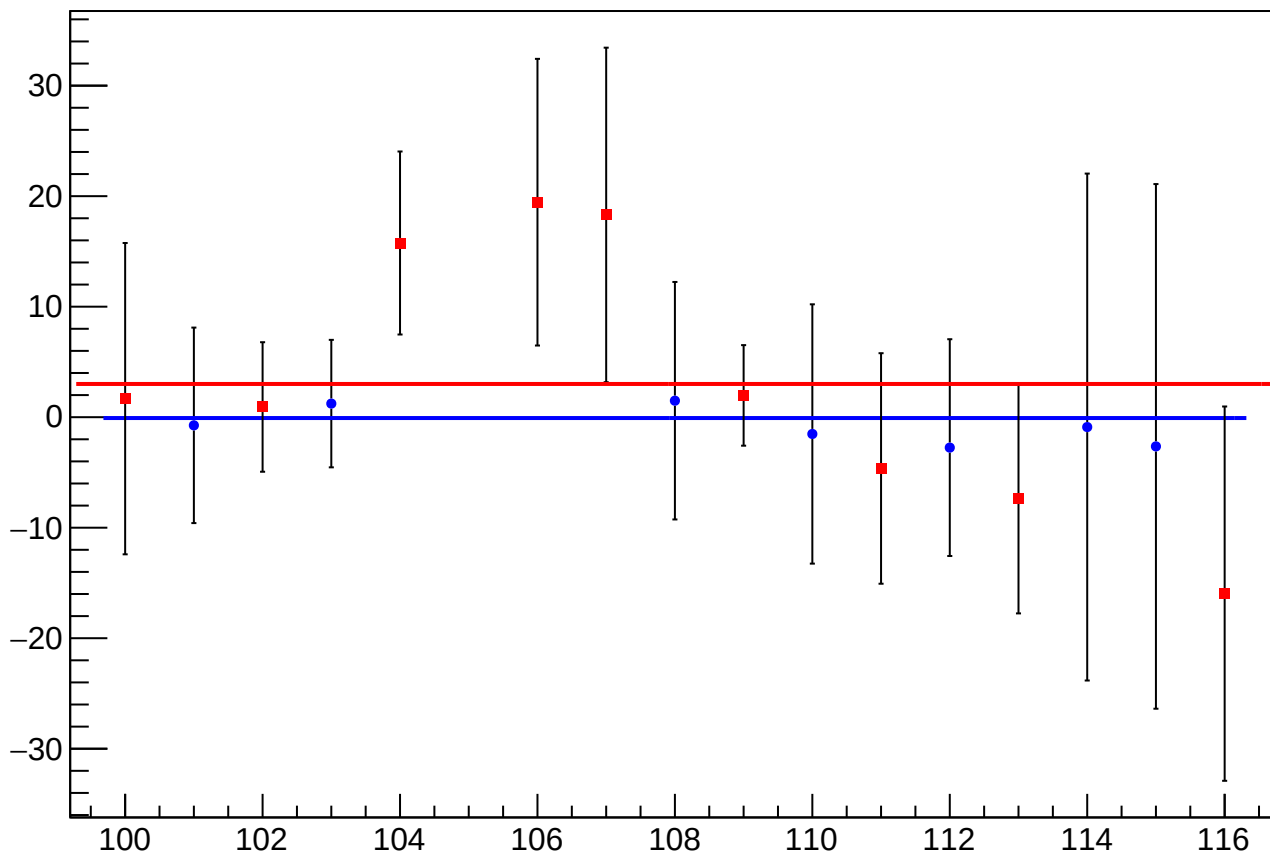
Right: 27989.903+/-7.927 χ^2/NDF : 126548.9/15

In: 27813.694+/-11.889 χ^2/NDF : 96649.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27989.903+/-7.927 χ^2/NDF : 126548.9/15

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.077 ± 3.705 χ^2/NDF : 0.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.006 ± 2.780 χ^2/NDF : 8.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

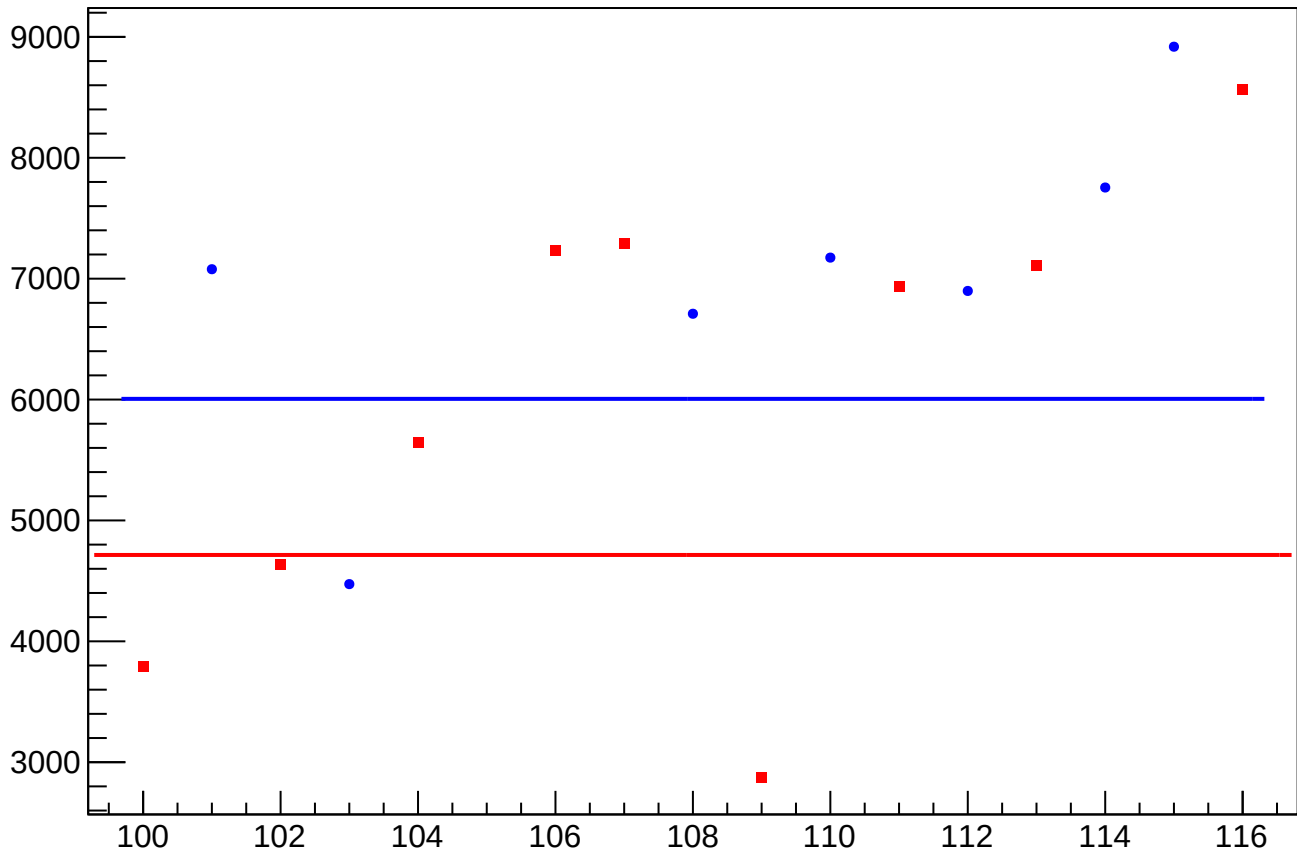
Right: 1.896 ± 2.224 χ^2/NDF : 8.6/15

In: -0.077 ± 3.705 χ^2/NDF : 0.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.896 ± 2.224 χ^2/NDF : 8.6/15

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6005.746+/-2.620 χ^2/NDF : 257346.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4714.415+/-1.966 χ^2/NDF : 795478.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

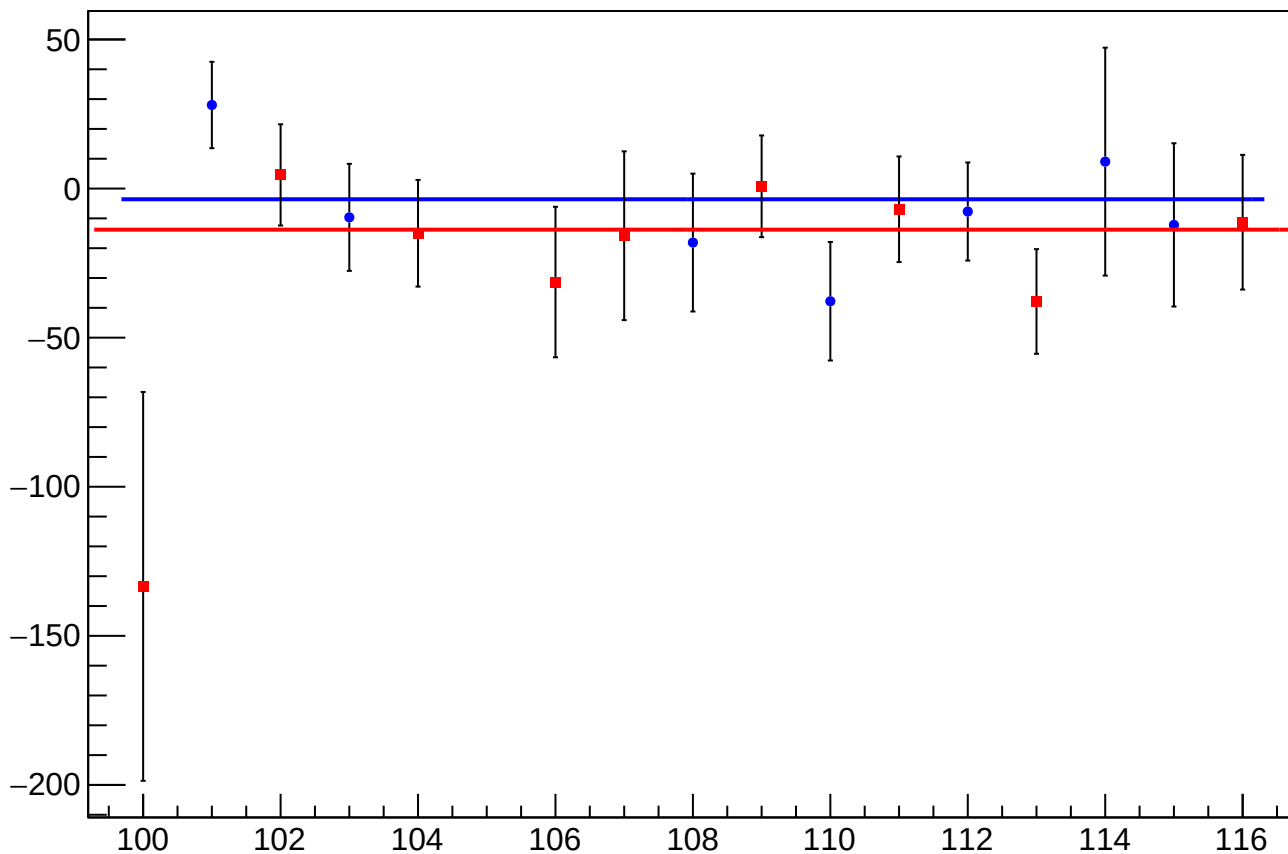
Right: 5179.622+/-1.573 χ^2/NDF : 1208231.0/15

In: 6005.746+/-2.620 χ^2/NDF : 257346.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5179.622+/-1.573 χ^2/NDF : 1208231.0/15

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -3.592+/-7.456 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.777+/-6.822 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

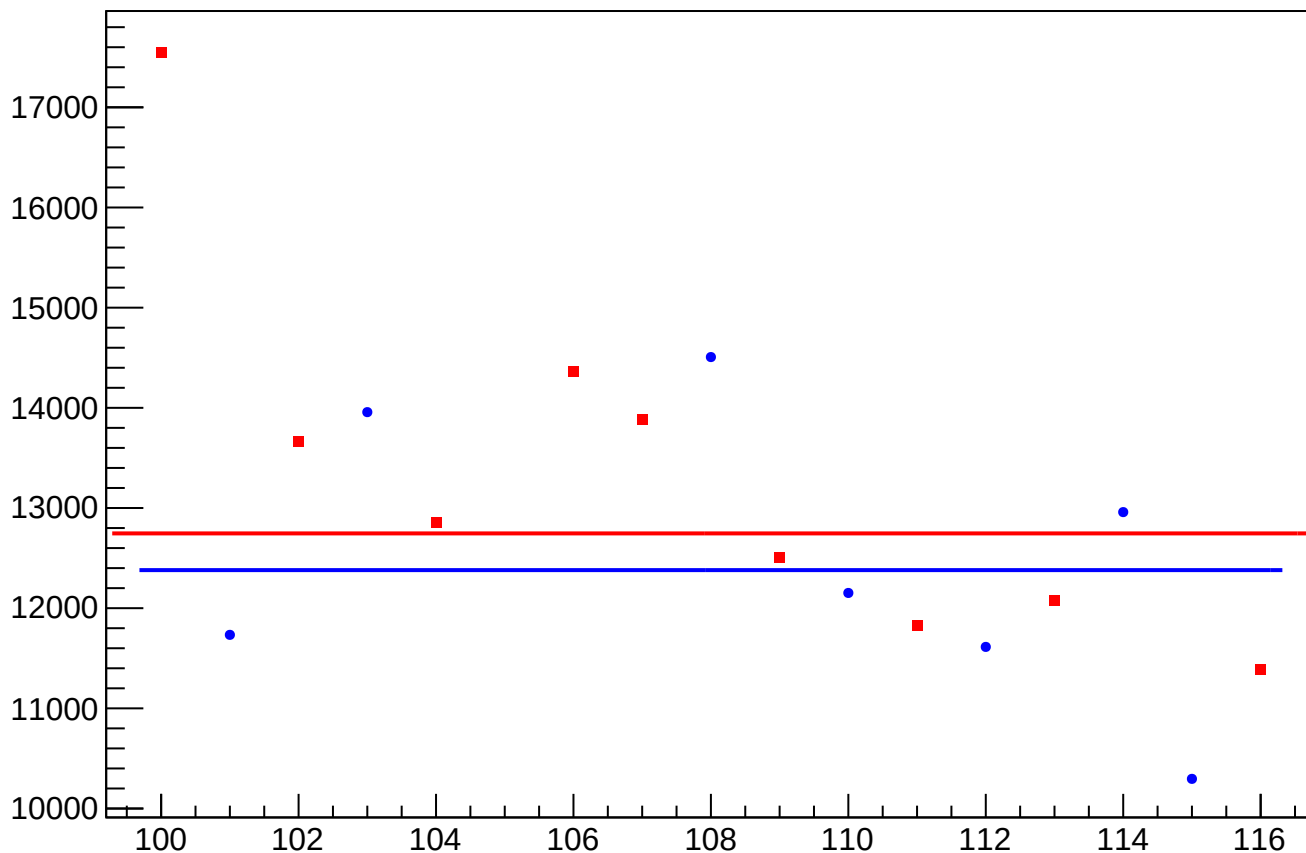
Right: -9.136+/-5.033 χ^2/NDF : 17.3/15

In: -3.592+/-7.456 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.136+/-5.033 χ^2/NDF : 17.3/15

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12379.996+/-5.272 χ^2/NDF : 53003.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12746.487+/-4.824 χ^2/NDF : 44103.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

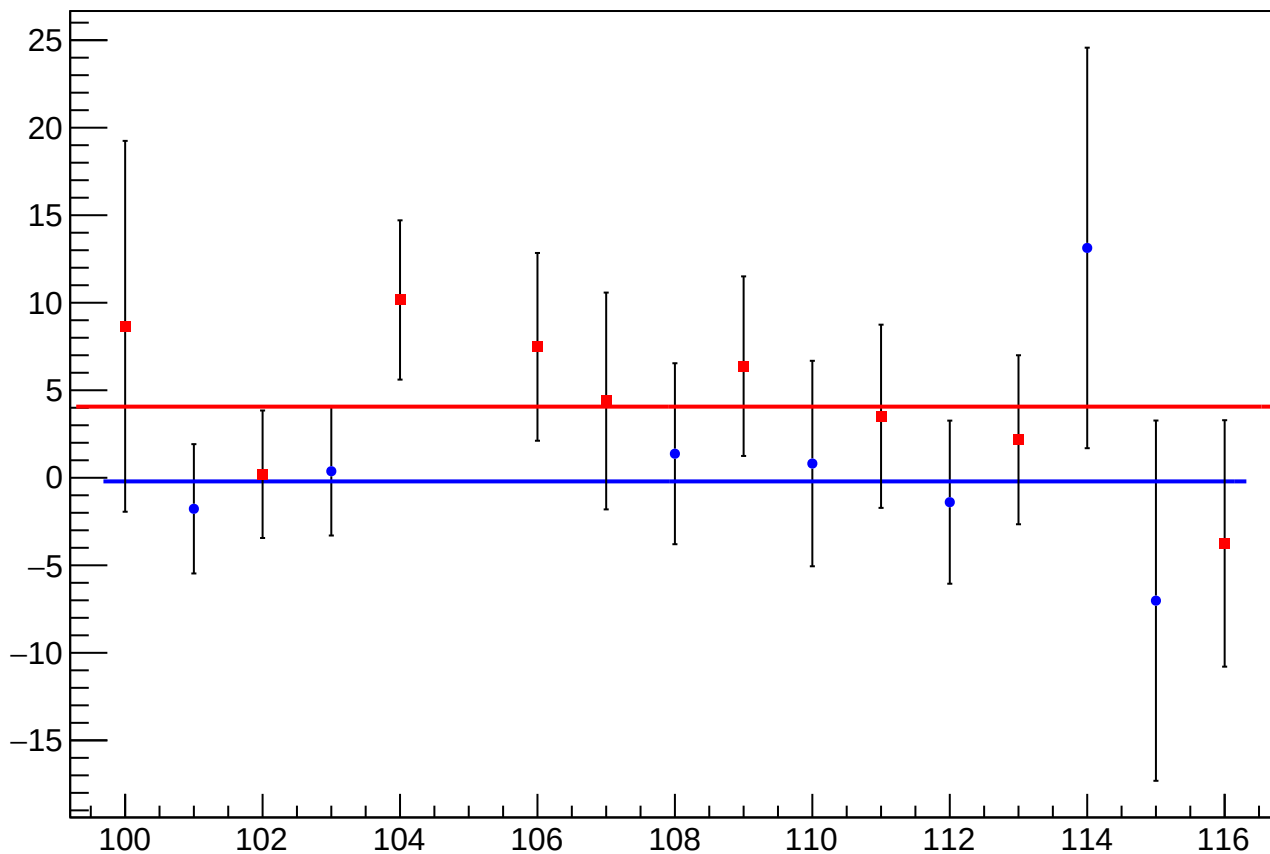
Right: 12579.490+/-3.559 χ^2/NDF : 99736.9/15

In: 12379.996+/-5.272 χ^2/NDF : 53003.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12579.490+/-3.559 χ^2/NDF : 99736.9/15

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.207 ± 1.900 χ^2/NDF : 2.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.065 ± 1.738 χ^2/NDF : 5.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

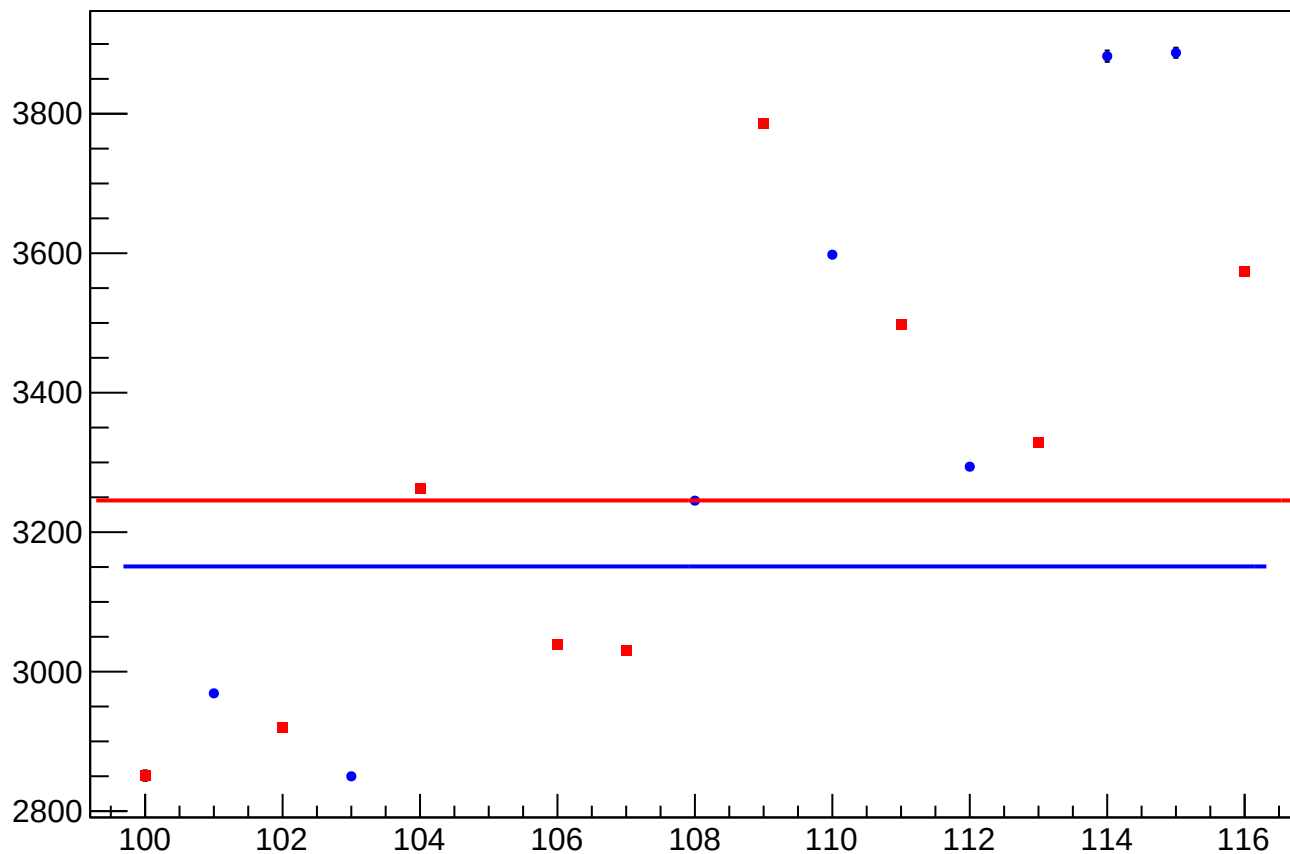
Right: 2.119 ± 1.282 χ^2/NDF : 10.1/15

In: -0.207 ± 1.900 χ^2/NDF : 2.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.119 ± 1.282 χ^2/NDF : 10.1/15

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3150.868+/-1.344 χ^2/NDF : 50859.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3245.465+/-1.229 χ^2/NDF : 55846.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

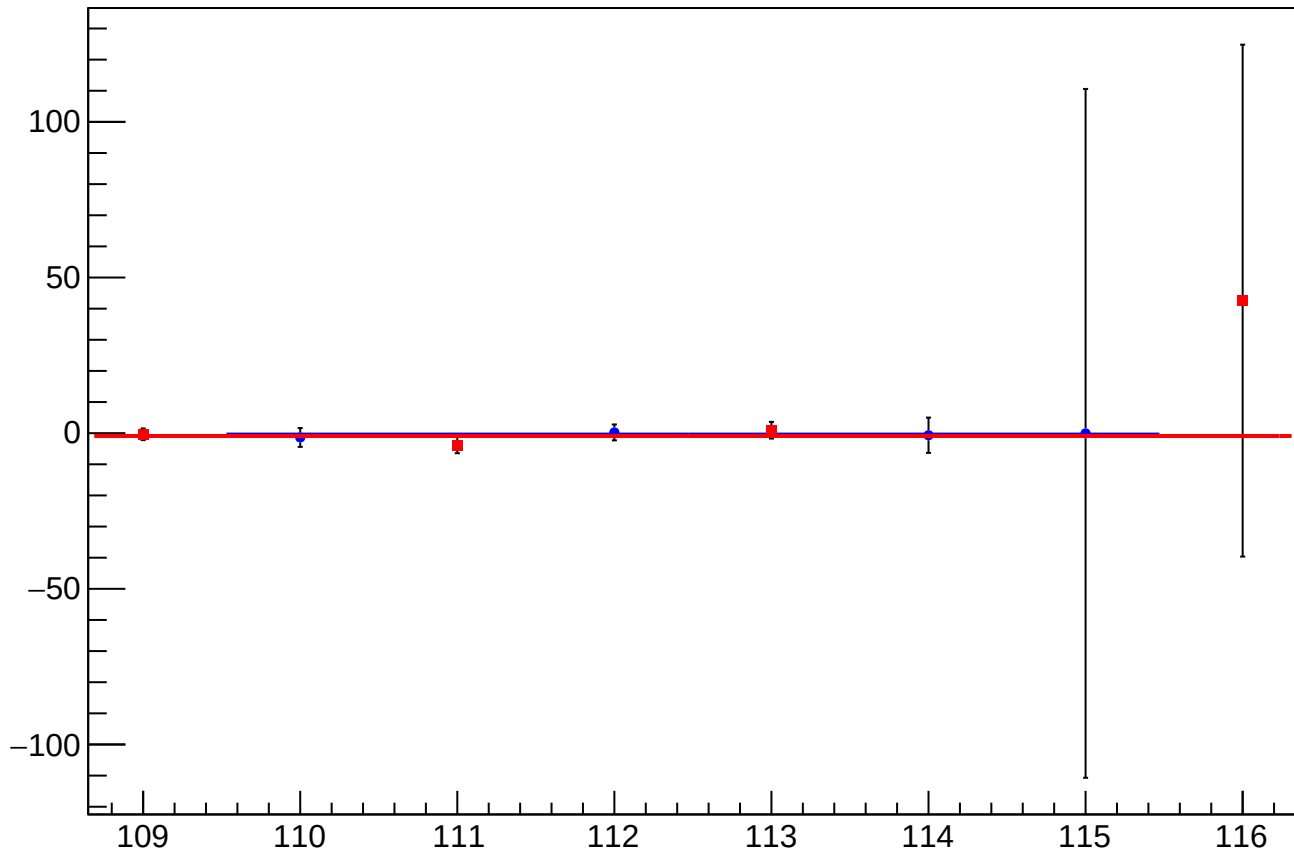
Right: 3202.370+/-0.907 χ^2/NDF : 109405.7/15

In: 3150.868+/-1.344 χ^2/NDF : 50859.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.370+/-0.907 χ^2/NDF : 109405.7/15

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.456+/-1.844 χ^2/NDF : 0.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.902+/-1.325 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

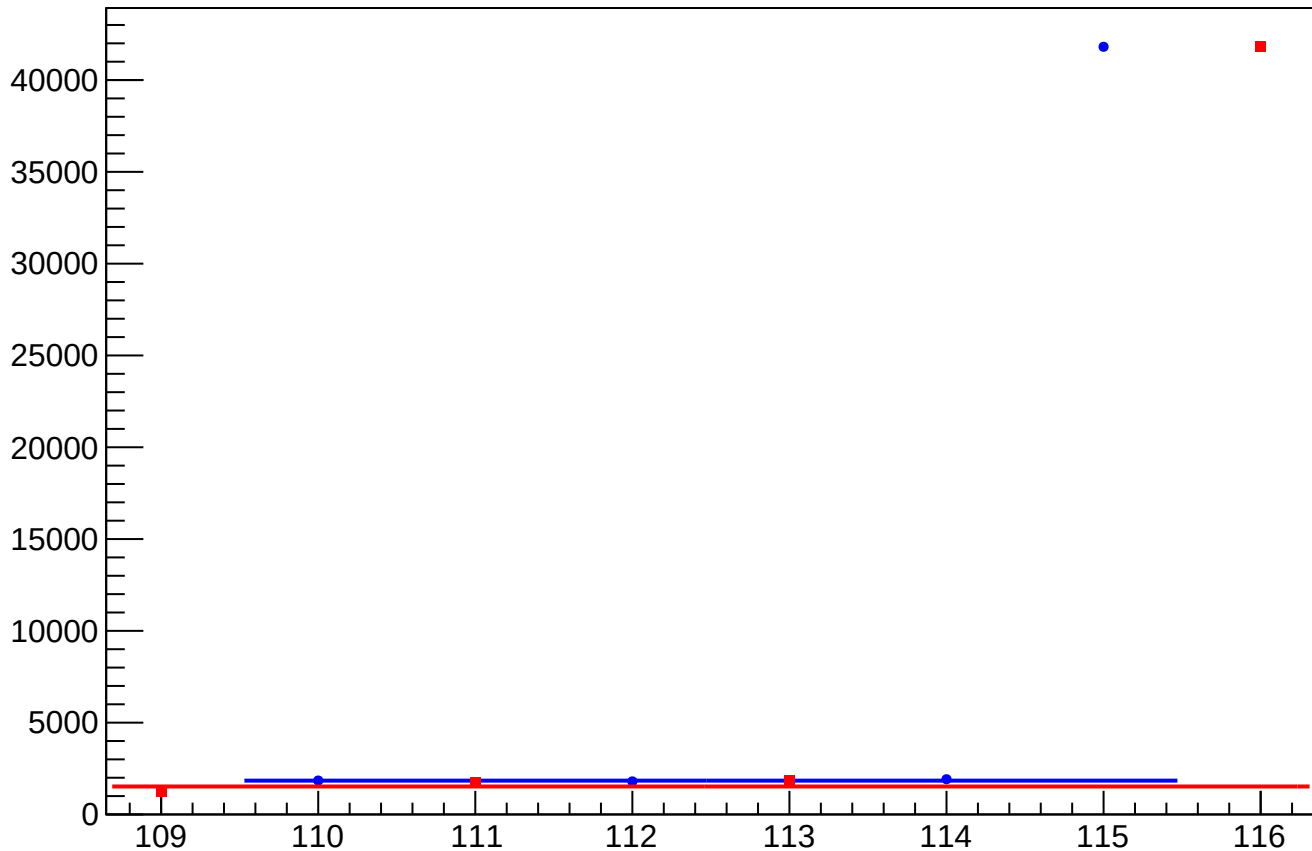
Right: -0.750+/-1.076 χ^2/NDF : 2.3/7

In: -0.456+/-1.844 χ^2/NDF : 0.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.750+/-1.076 χ^2/NDF : 2.3/7

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1841.959+/-1.304 χ^2/NDF : 261924.9/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.339+/-0.937 χ^2/NDF : 572133.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

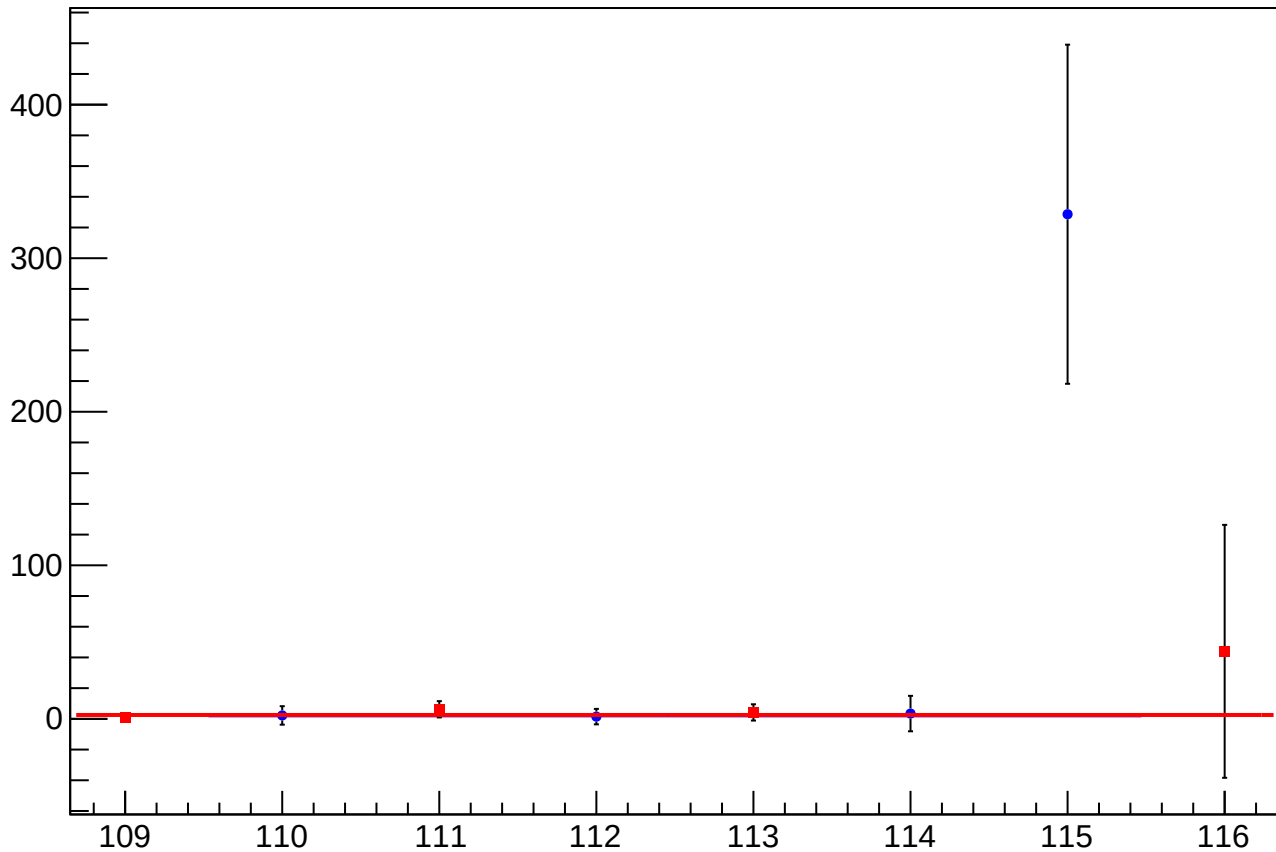
Right: 1631.755+/-0.761 χ^2/NDF : 873437.7/7

In: 1841.959+/-1.304 χ^2/NDF : 261924.9/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.755+/-0.761 χ^2/NDF : 873437.7/7

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.302+/-3.661 χ^2/NDF : 8.8/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.527+/-2.277 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

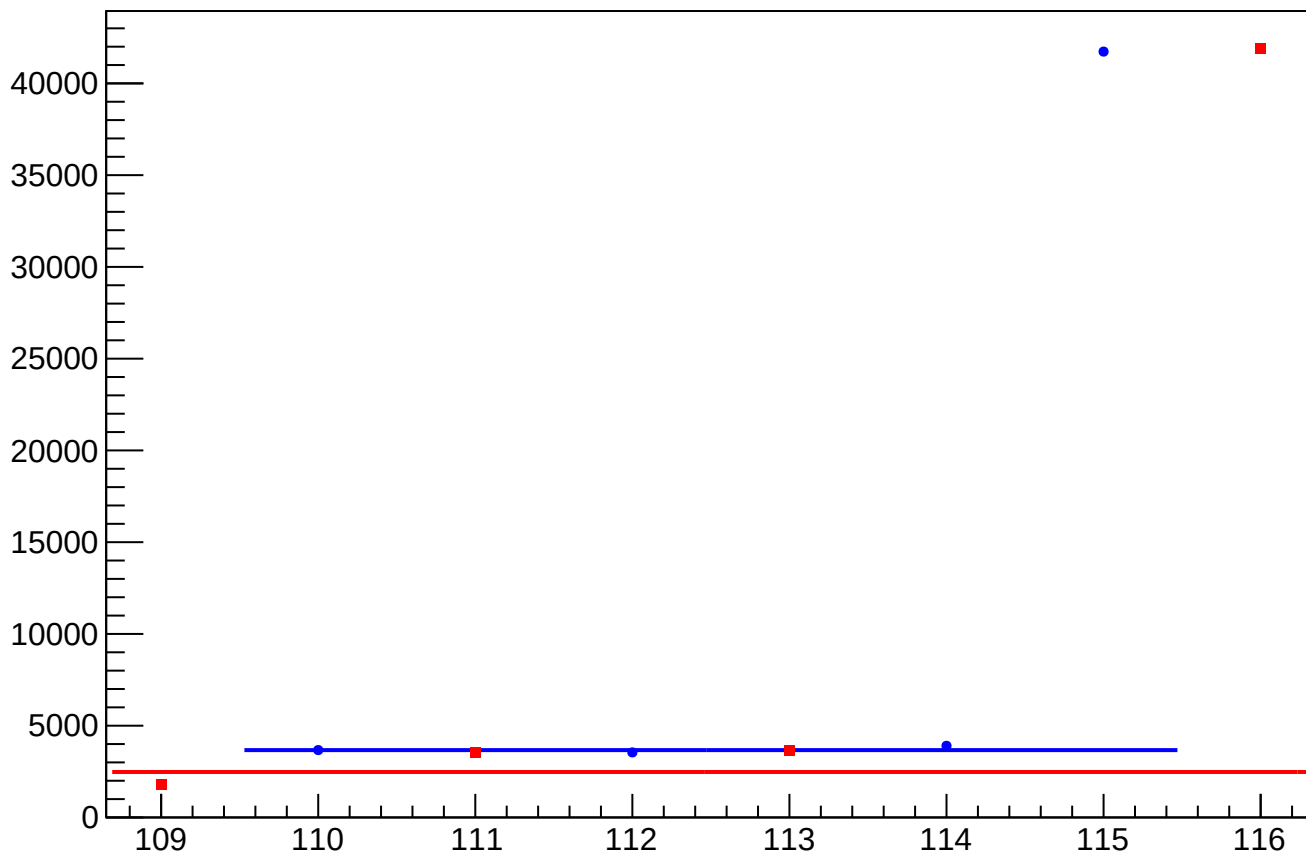
Right: 2.464+/-1.934 χ^2/NDF : 9.9/7

In: 2.302+/-3.661 χ^2/NDF : 8.8/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.464+/-1.934 χ^2/NDF : 9.9/7

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3669.695+/-2.589 χ^2/NDF : 239677.2/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2477.884+/-1.610 χ^2/NDF : 749375.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

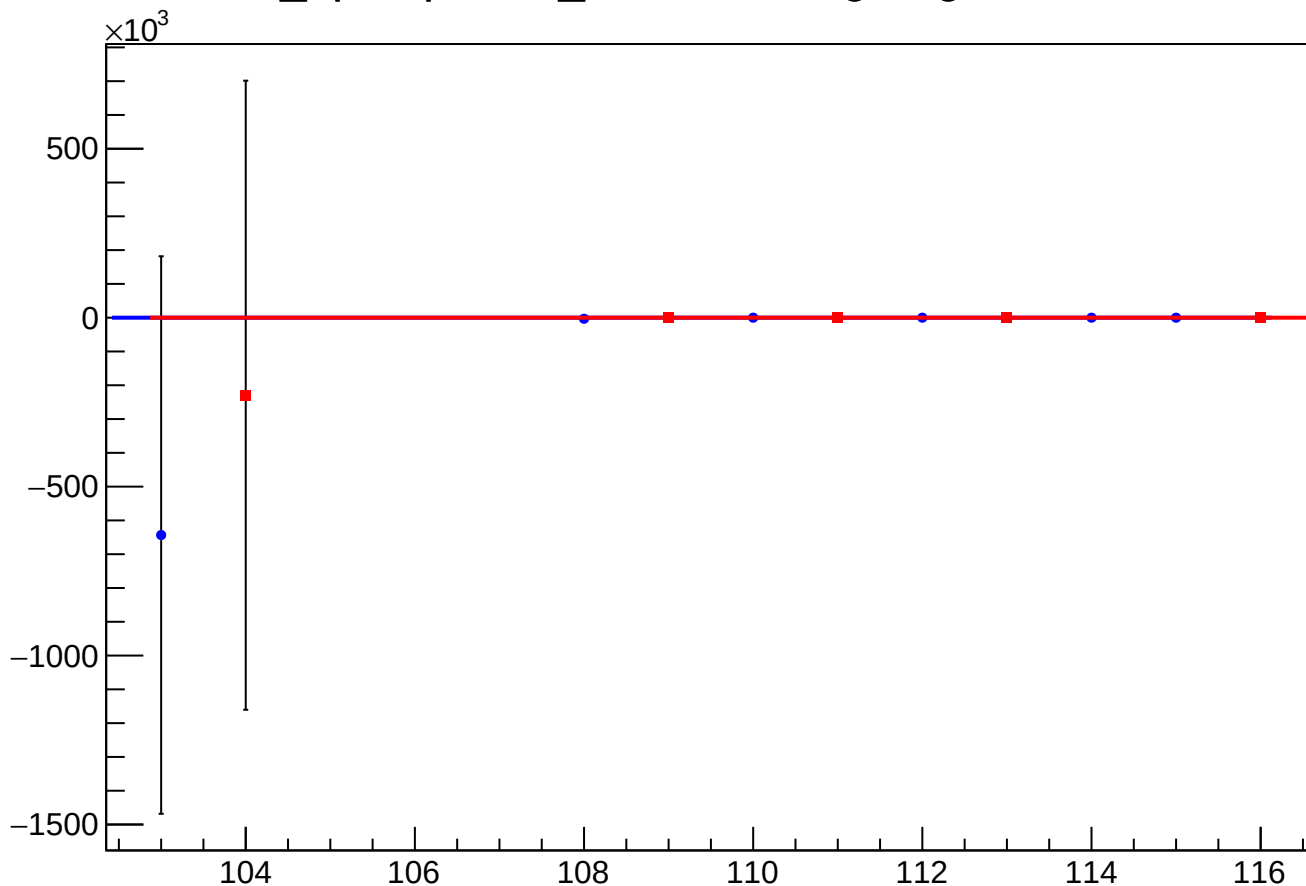
Right: 2810.438+/-1.367 χ^2/NDF : 1141883.3/7

In: 3669.695+/-2.589 χ^2/NDF : 239677.2/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2810.438+/-1.367 χ^2/NDF : 1141883.3/7

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 4.615+/-2.968 χ^2/NDF : 4.3/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.794+/-2.476 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

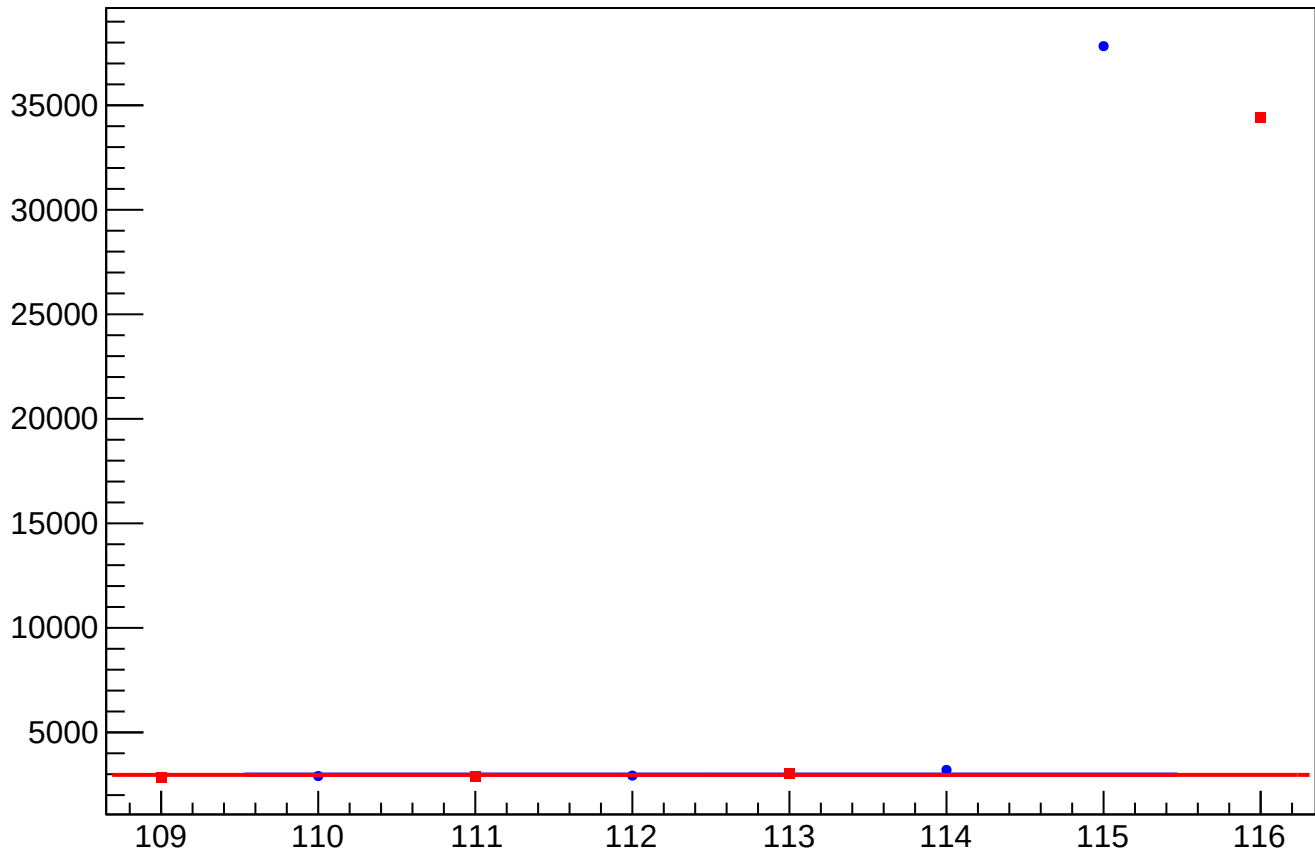
Right: 4.131+/-1.901 χ^2/NDF : 8.8/10

In: 4.615+/-2.968 χ^2/NDF : 4.3/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.131+/-1.901 χ^2/NDF : 8.8/10

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2982.196+/-2.099 χ^2/NDF : 243967.3/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2967.748+/-1.751 χ^2/NDF : 434450.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

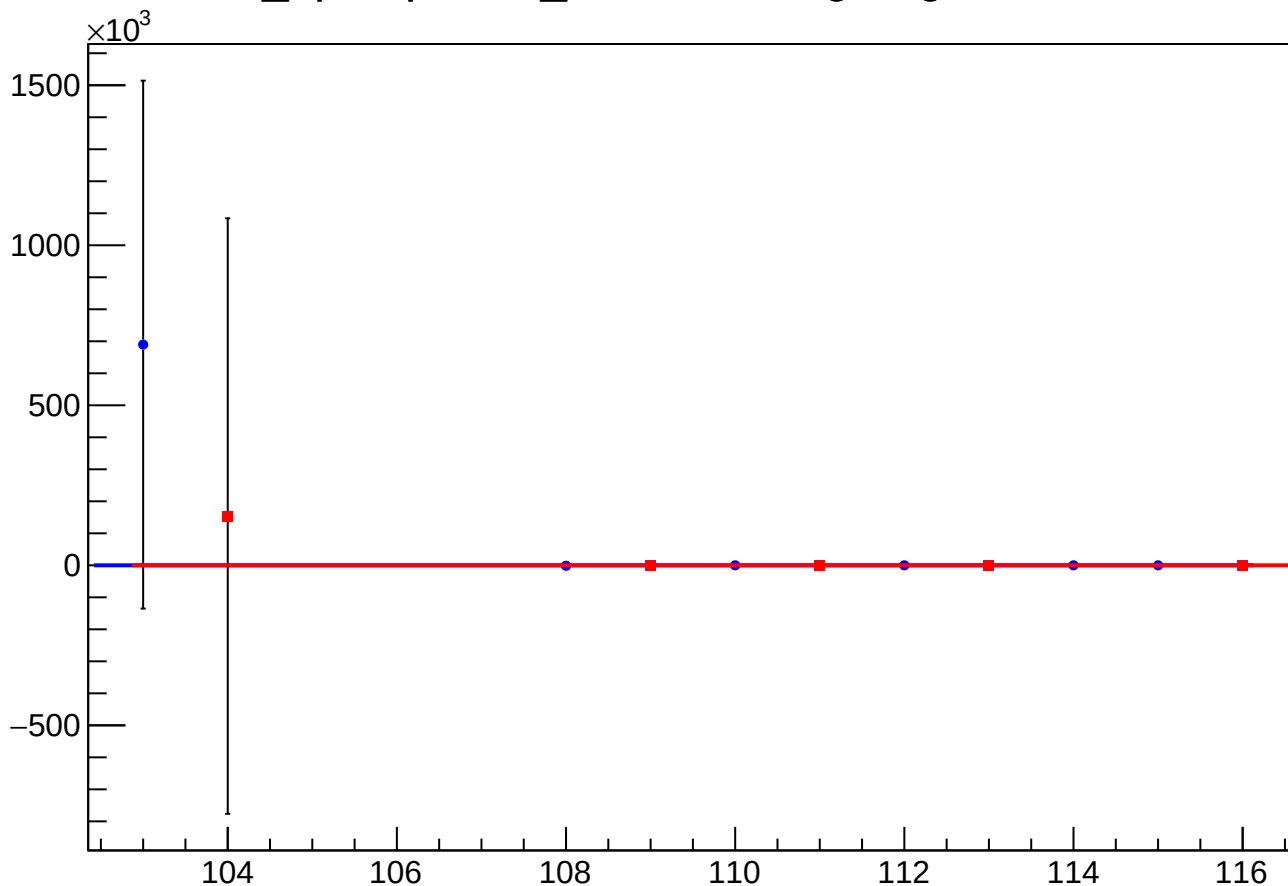
Right: 2973.678+/-1.345 χ^2/NDF : 678445.4/7

In: 2982.196+/-2.099 χ^2/NDF : 243967.3/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2973.678+/-1.345 χ^2/NDF : 678445.4/7

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.295+/-3.154 χ^2/NDF : 1.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.410+/-1.933 χ^2/NDF : 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

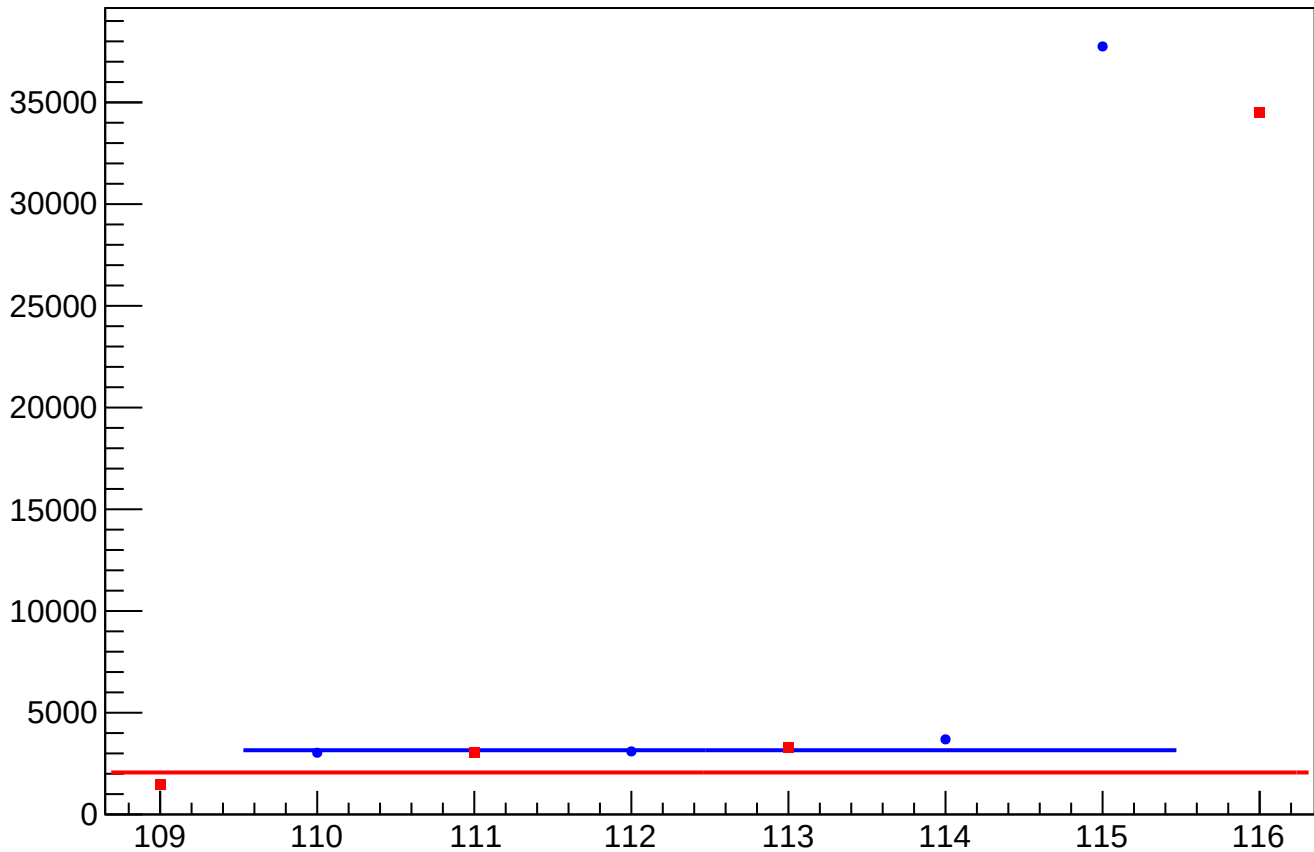
Right: 1.832+/-1.648 χ^2/NDF : 3.1/10

In: 0.295+/-3.154 χ^2/NDF : 1.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.832+/-1.648 χ^2/NDF : 3.1/10

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3156.503+/-2.230 χ^2/NDF : 245983.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.470+/-1.367 χ^2/NDF : 802670.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

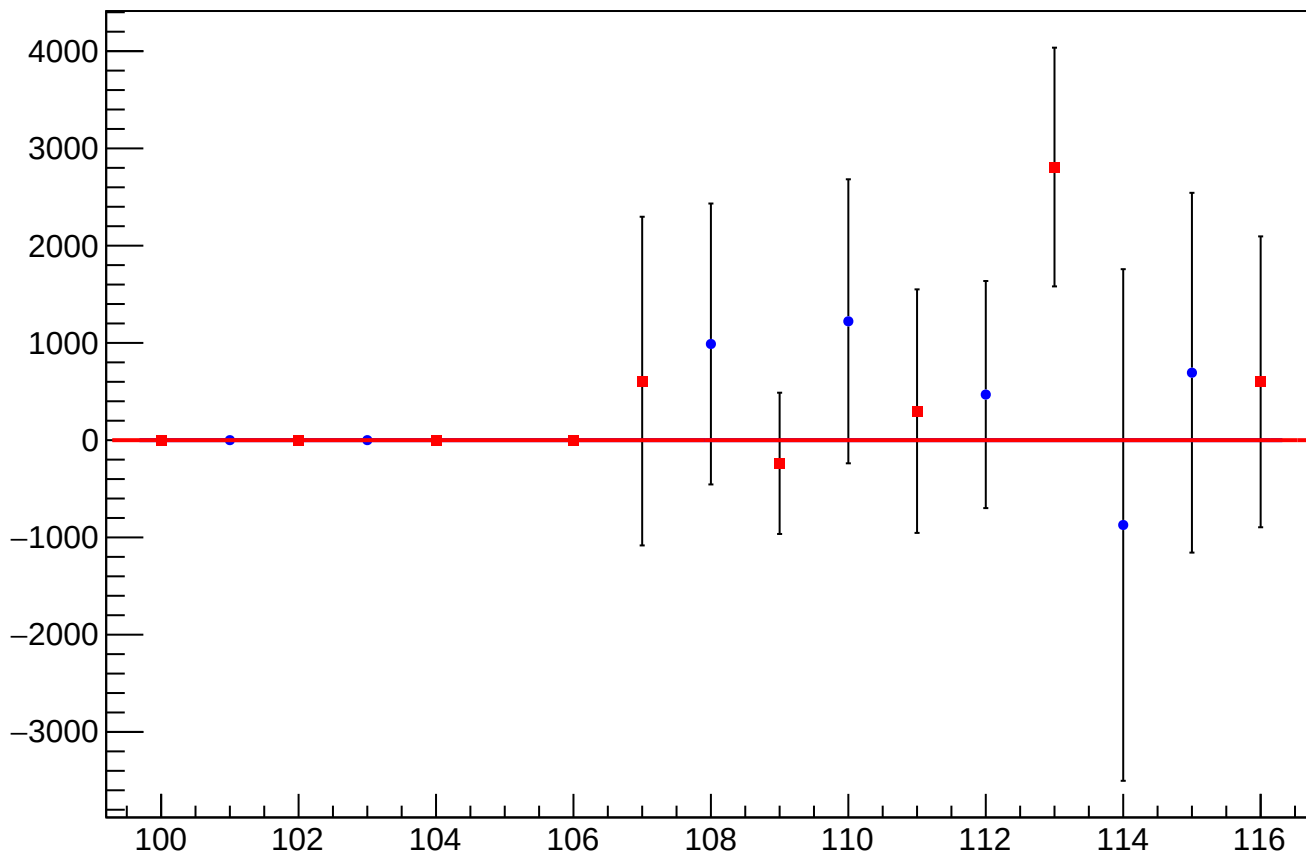
Right: 2362.046+/-1.166 χ^2/NDF : 1223253.9/7

In: 3156.503+/-2.230 χ^2/NDF : 245983.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2362.046+/-1.166 χ^2/NDF : 1223253.9/7

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 1.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

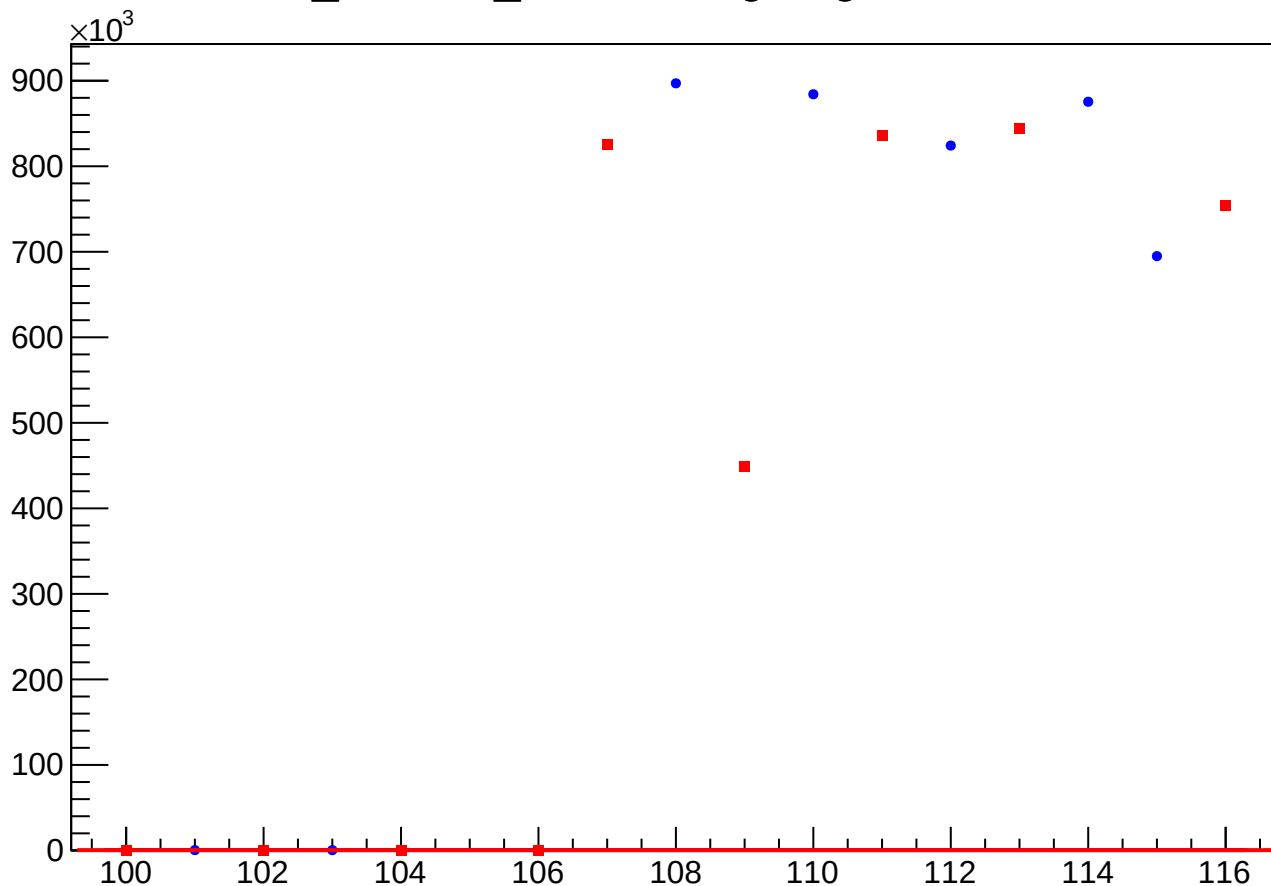
Right: 0.066+/-0.241 χ^2/NDF : 11.3/15

In: 0.256+/-0.356 χ^2/NDF : 1.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 11.3/15

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.394 $\pm$ 0.251 χ^2/NDF : 2904531.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 392.950 $\pm$ 0.232 χ^2/NDF : 3566712.1/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

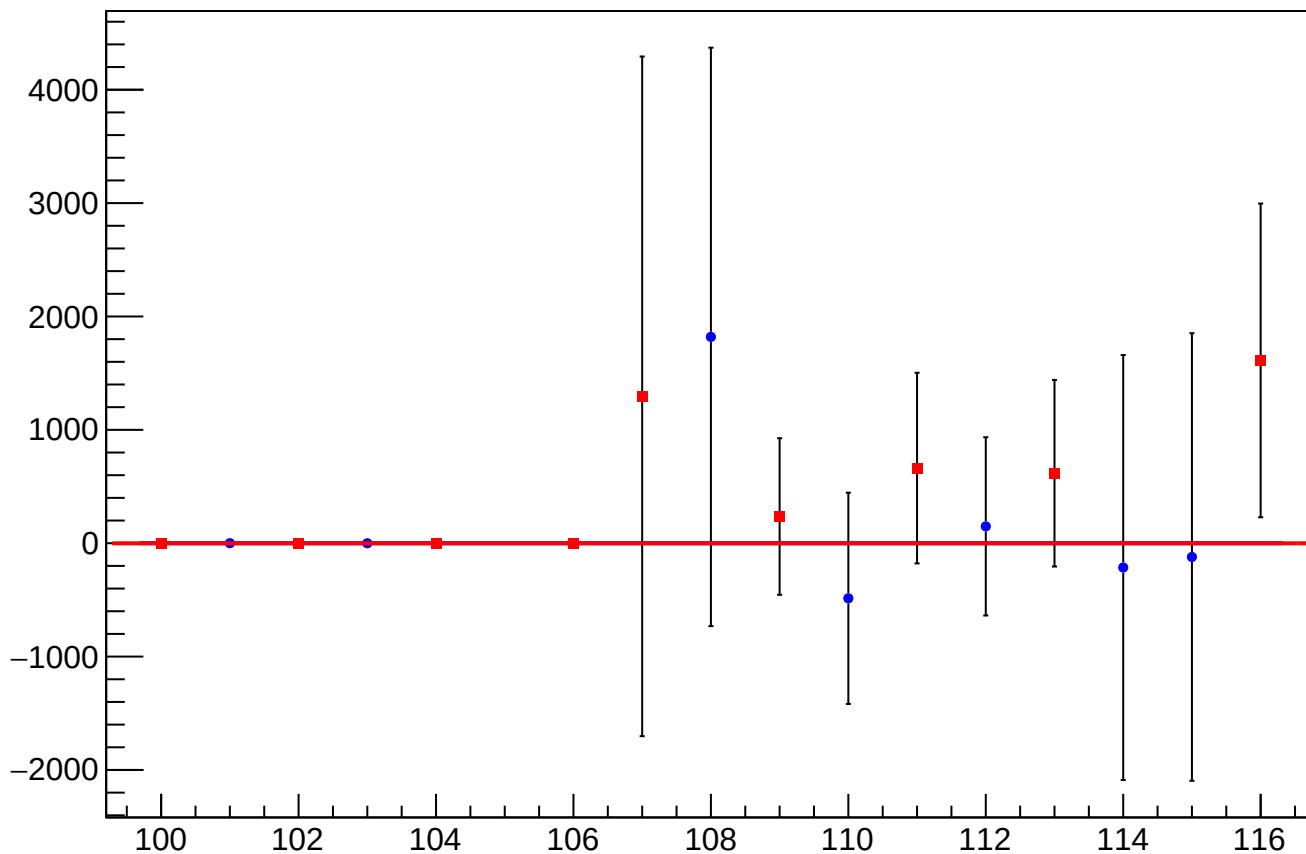
Right: 395.450 $\pm$ 0.170 χ^2/NDF : 6471497.0/15

In: 398.394 $\pm$ 0.251 χ^2/NDF : 2904531.5/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.450 $\pm$ 0.170 χ^2/NDF : 6471497.0/15

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 1.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 3.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

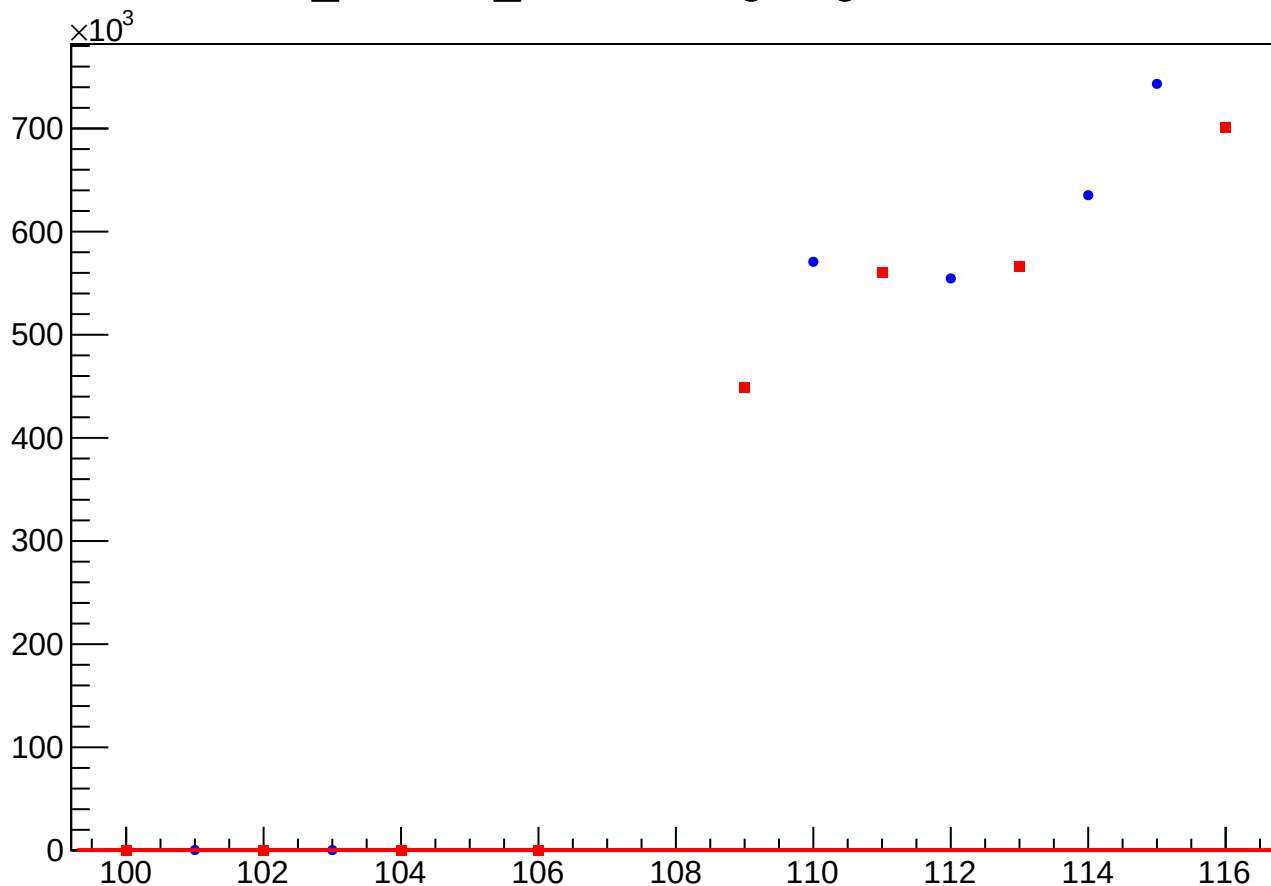
Right: -0.329 ± 0.237 χ^2/NDF : 6.0/15

In: -0.020 ± 0.347 χ^2/NDF : 1.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 6.0/15

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 388.898 $\pm$ 0.245 χ^2/NDF : 2268771.3/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 386.882 $\pm$ 0.229 χ^2/NDF : 3186428.6/7

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

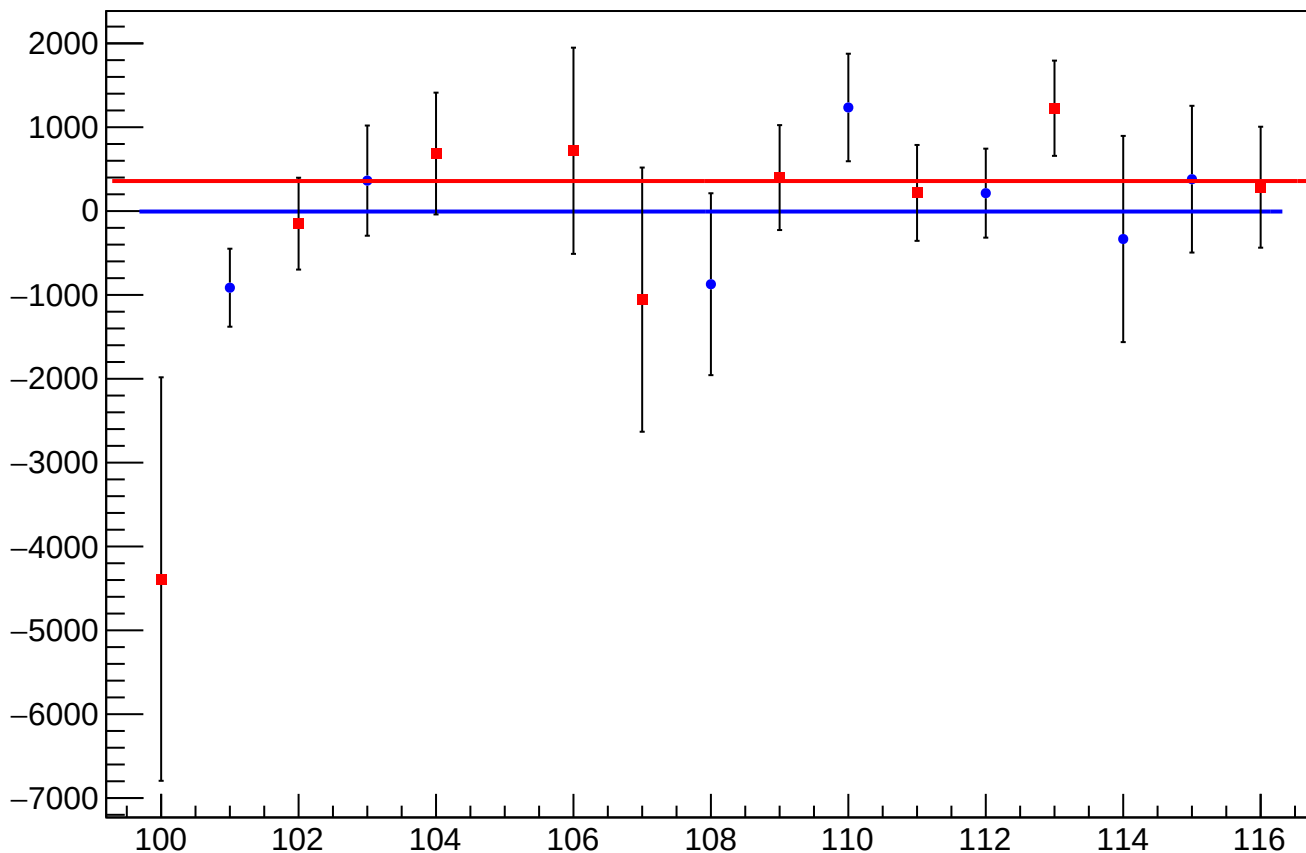
Right: 387.820 $\pm$ 0.167 χ^2/NDF : 5455235.9/13

In: 388.898 $\pm$ 0.245 χ^2/NDF : 2268771.3/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 387.820 $\pm$ 0.167 χ^2/NDF : 5455235.9/13

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -5.431 $\pm$ 252.063 χ^2/NDF : 8.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 358.151 $\pm$ 241.811 χ^2/NDF : 8.3/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

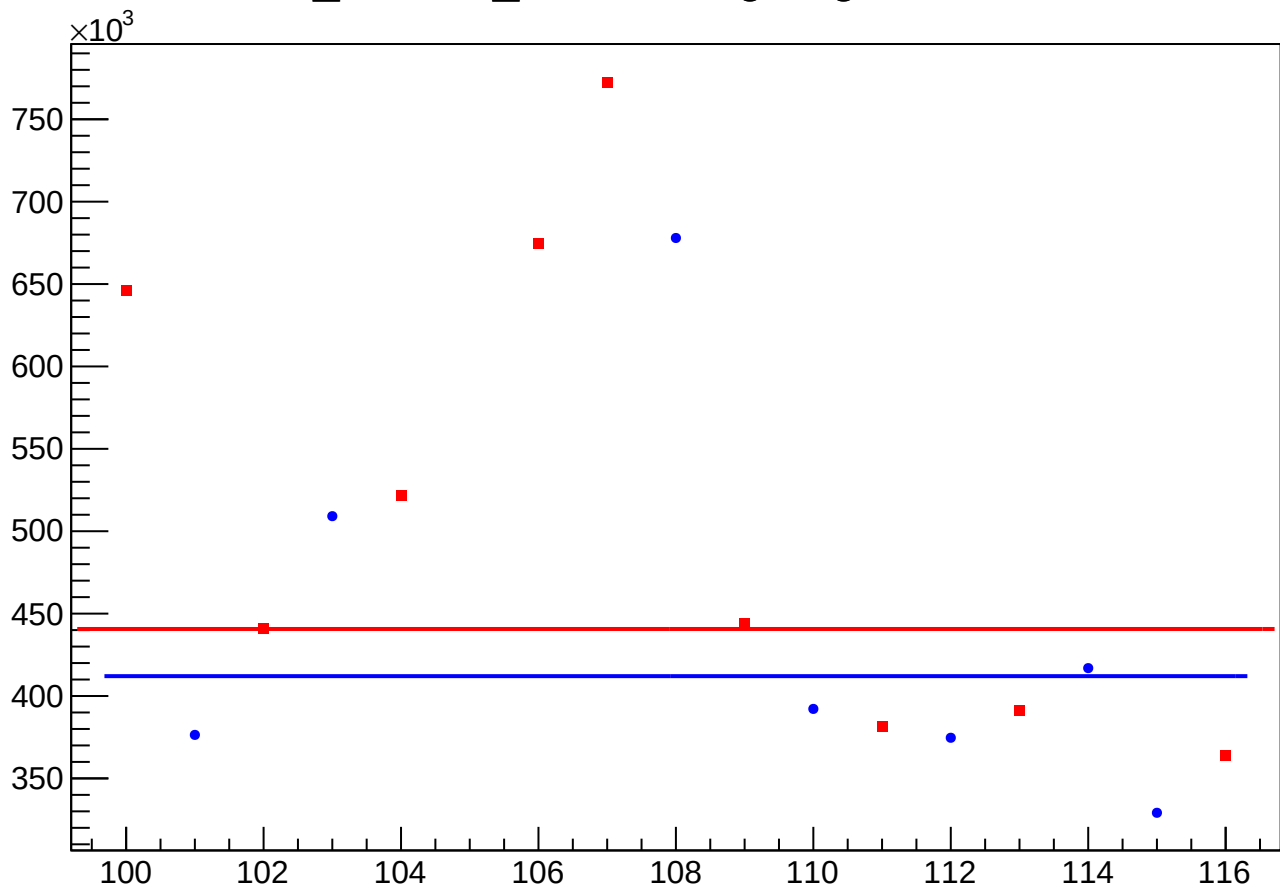
Right: 183.904 $\pm$ 174.498 χ^2/NDF : 18.3/15

In: -5.431 $\pm$ 252.063 χ^2/NDF : 8.9/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 183.904 $\pm$ 174.498 χ^2/NDF : 18.3/15

diff_cav4cX_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 426948.331+/-123.427 χ^2/NDF : 476609.4/15

In: 412047.745+/-178.235 χ^2/NDF : 205467.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426948.331+/-123.427 χ^2/NDF : 476609.4/15

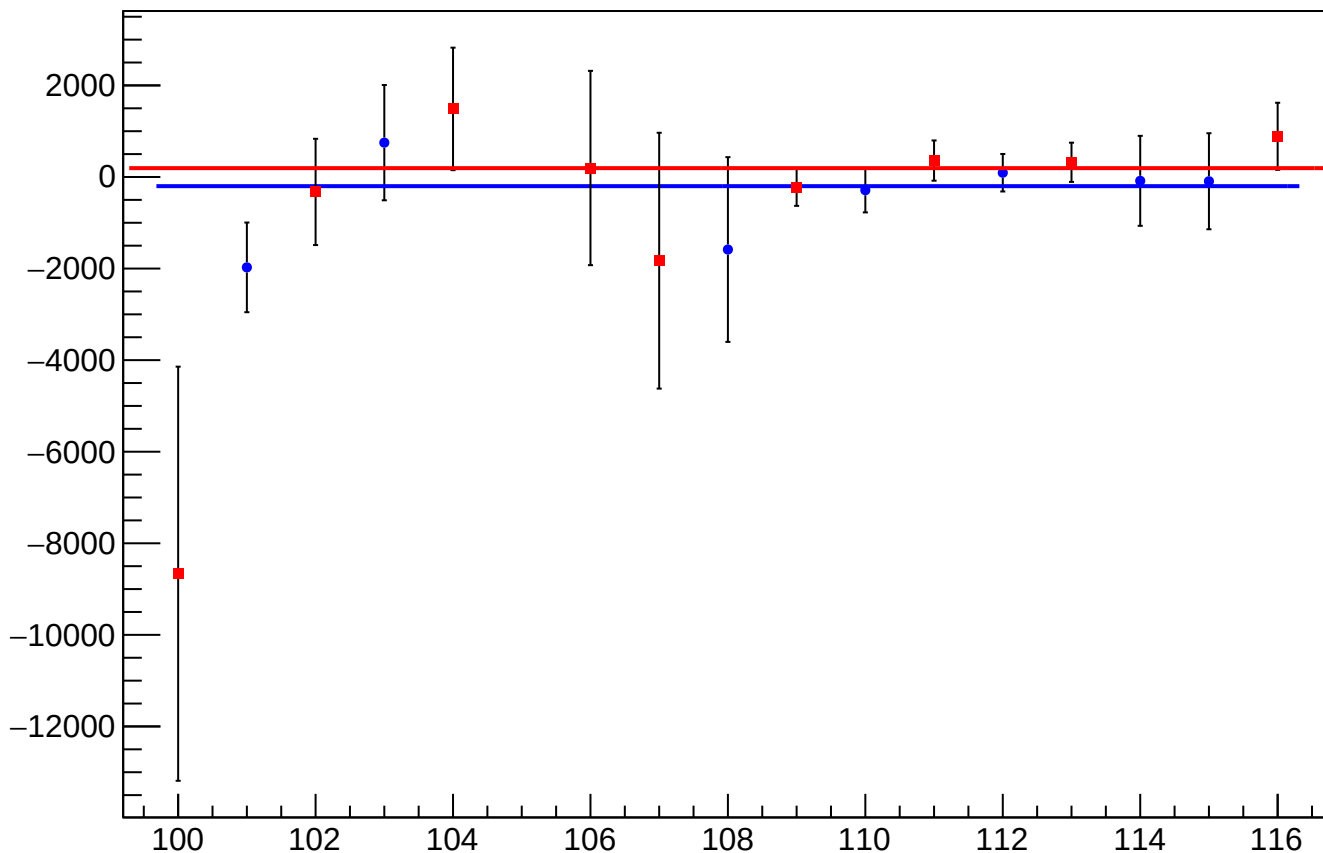
Right In: 412047.745+/-178.235 χ^2/NDF : 205467.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440678.065+/-171.089 χ^2/NDF : 257712.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -200.218 $\pm$ 266.502 χ^2 /NDF: 4.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 193.265 $\pm$ 222.542 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

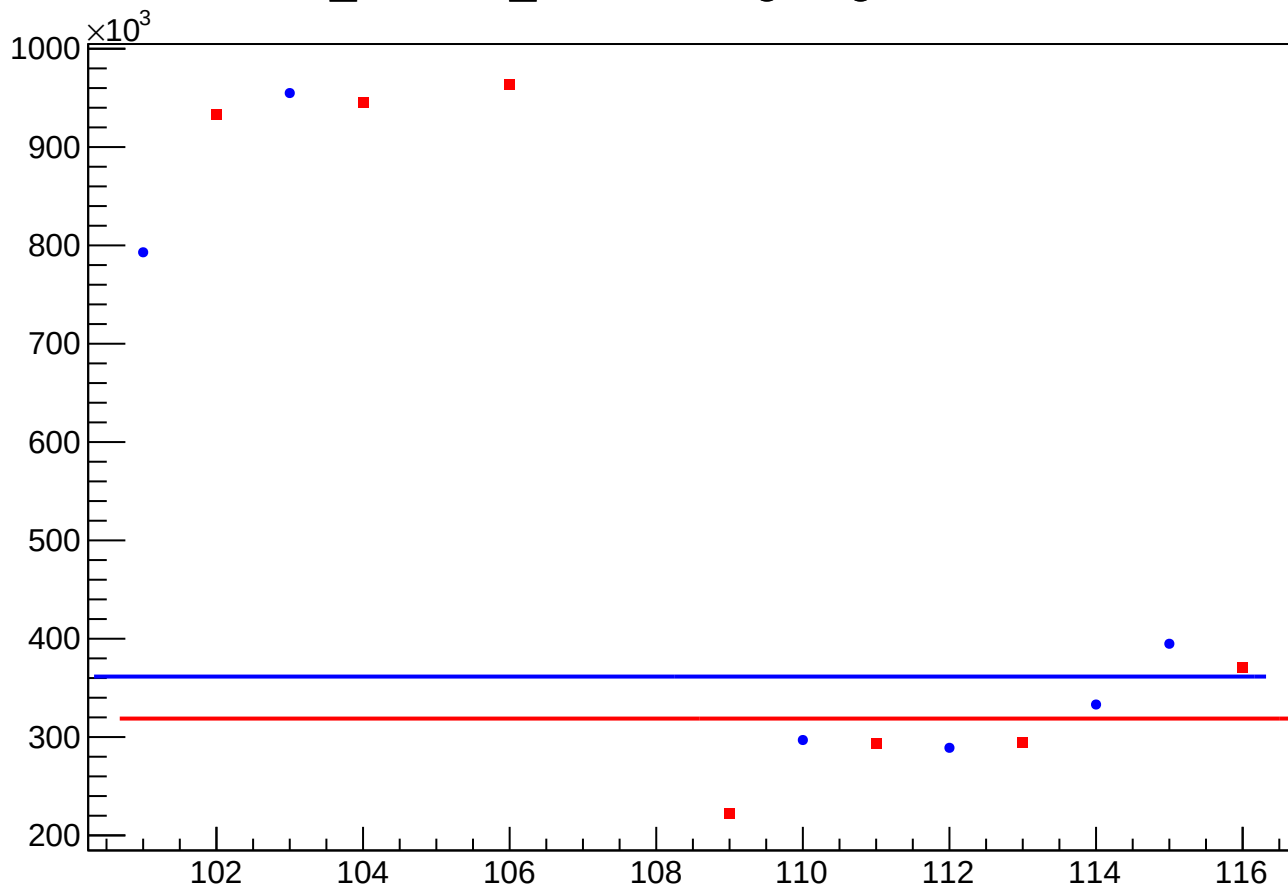
Right: 31.610 $\pm$ 170.817 χ^2 /NDF: 13.8/15

In: -200.218 $\pm$ 266.502 χ^2 /NDF:4.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.610 $\pm$ 170.817 χ^2 /NDF: 13.8/15

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 361518.195 $\pm$ 191.506 χ^2/NDF : 793223.2/5

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 318798.138 $\pm$ 159.949 χ^2/NDF : 1041616.6/6

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

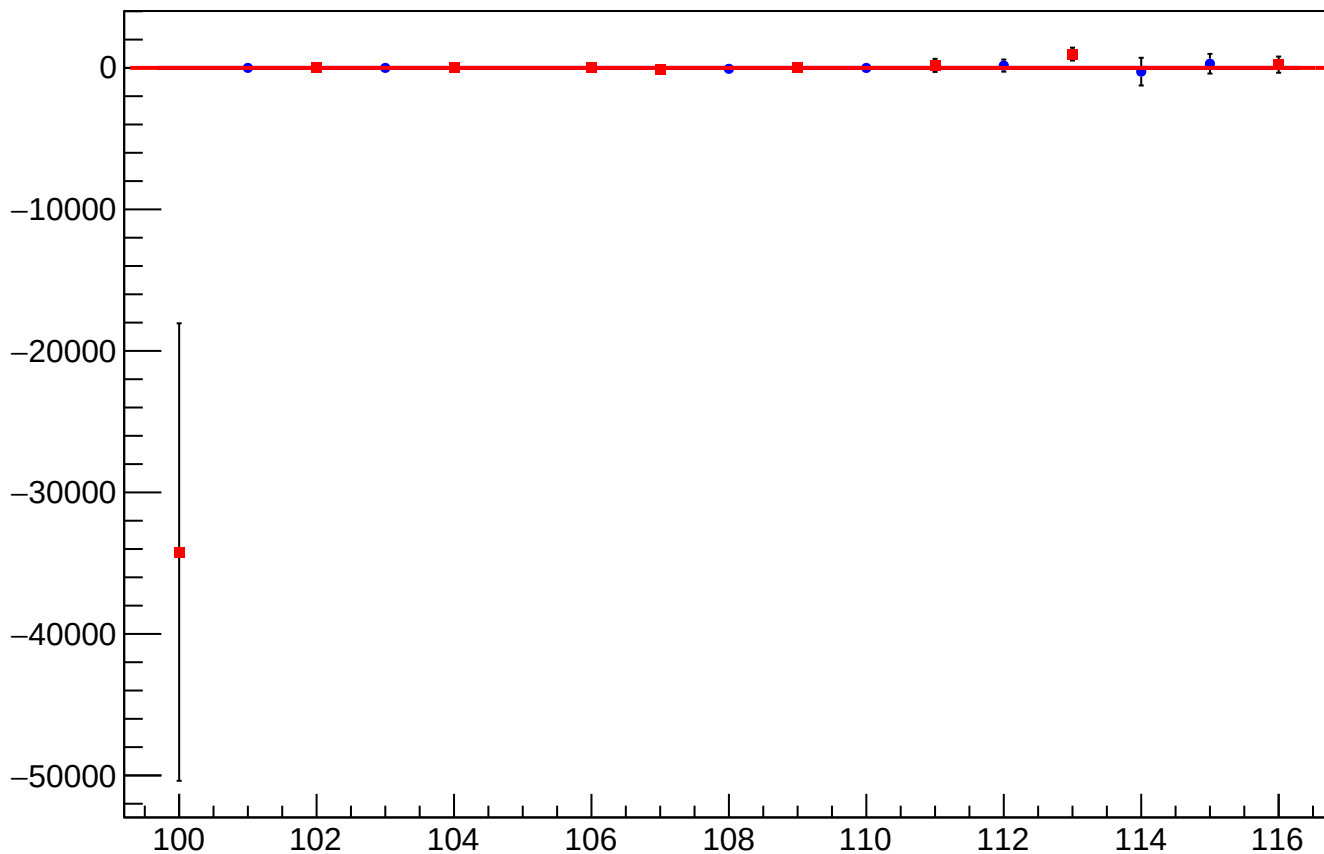
Right: 336353.000 $\pm$ 122.762 χ^2/NDF : 1864153.3/1

In: 361518.195 $\pm$ 191.506 χ^2/NDF : 793223.2/5

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 336353.000 $\pm$ 122.762 χ^2/NDF : 1864153.3/1

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 1.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 10.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

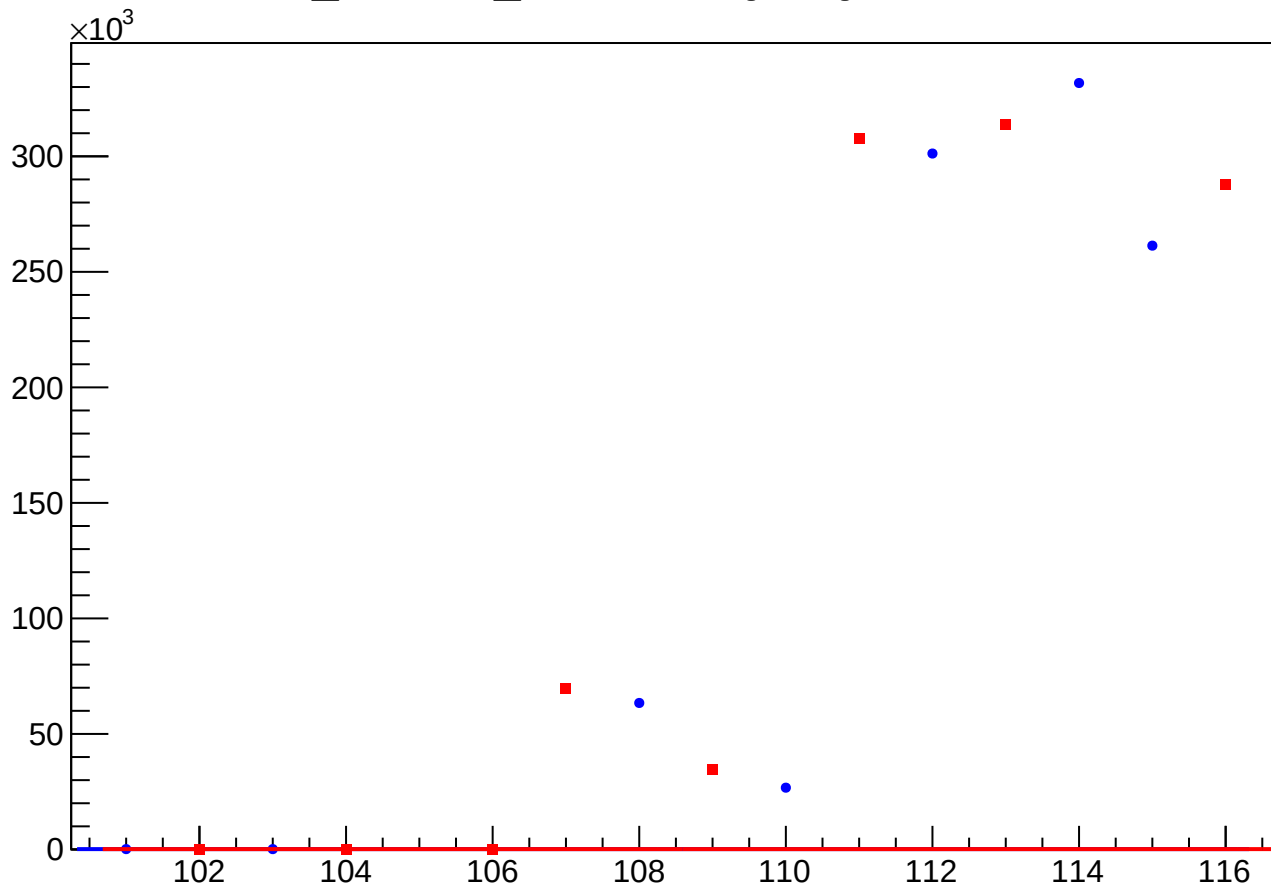
Right: 0.174+/-0.117 χ^2/NDF : 14.3/15

In: -0.035+/-0.172 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 14.3/15

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.696 $\pm$ 0.122 χ^2/NDF : 2562696.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.090 $\pm$ 0.113 χ^2/NDF : 3428608.3/7

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

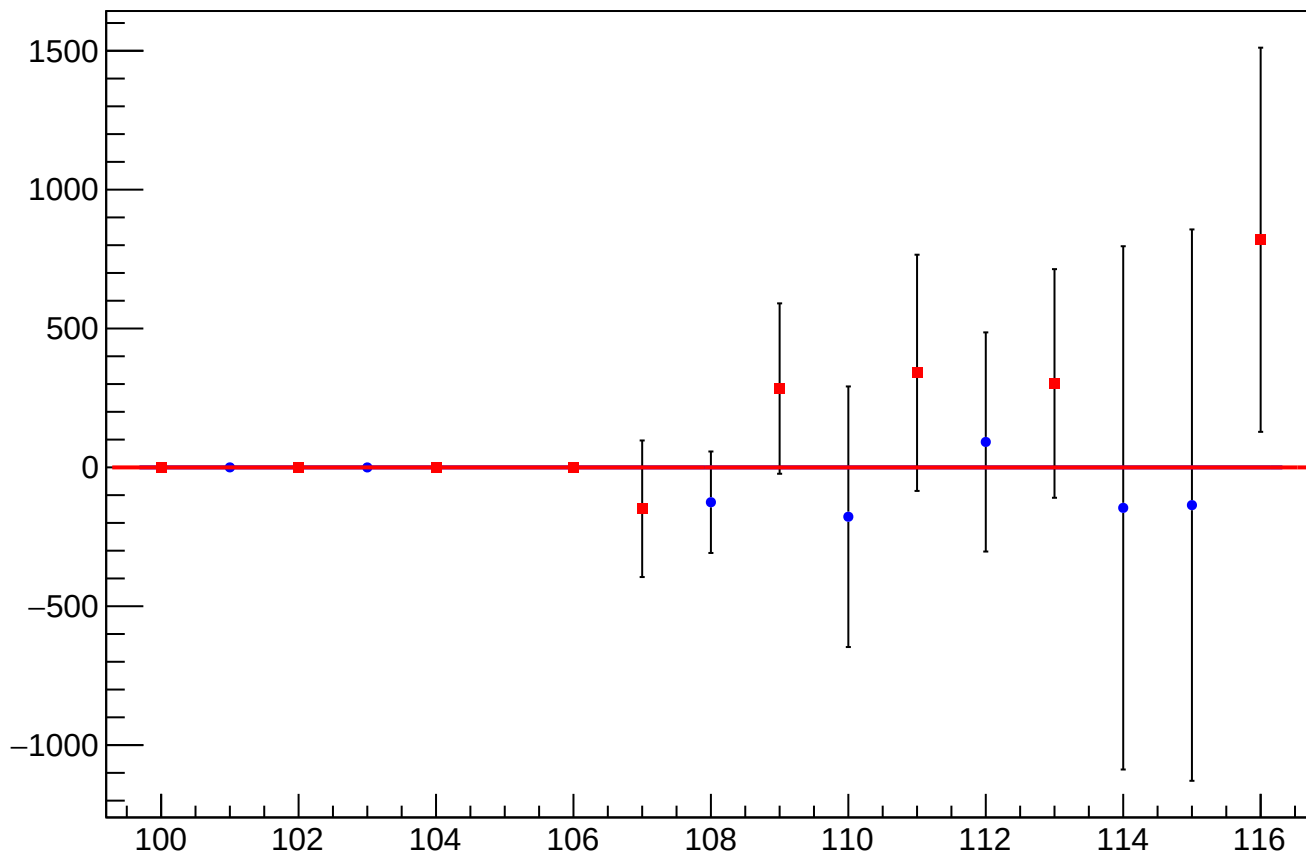
Right: 148.907 $\pm$ 0.083 χ^2/NDF : 5991310.1/14

In: 148.696 $\pm$ 0.122 χ^2/NDF : 2562696.2/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.907 $\pm$ 0.083 χ^2/NDF : 5991310.1/14

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2/NDF : 0.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.126+/-0.166 χ^2/NDF : 4.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

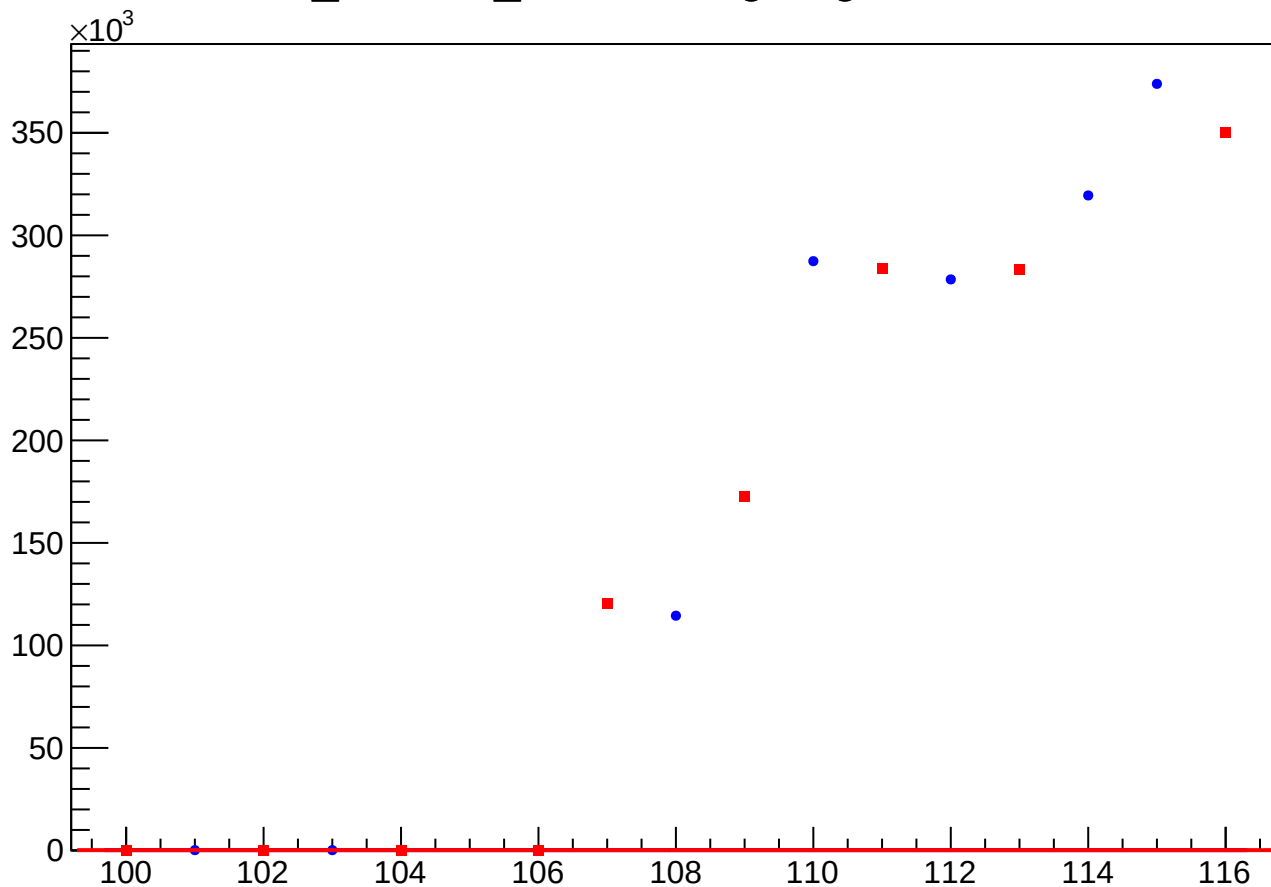
Right: -0.098+/-0.121 χ^2/NDF : 4.9/15

In: -0.068+/-0.177 χ^2/NDF : 0.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.098+/-0.121 χ^2/NDF : 4.9/15

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.742 $\pm$ 0.125 χ^2/NDF : 3042543.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.569 $\pm$ 0.118 χ^2/NDF : 3449822.8/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

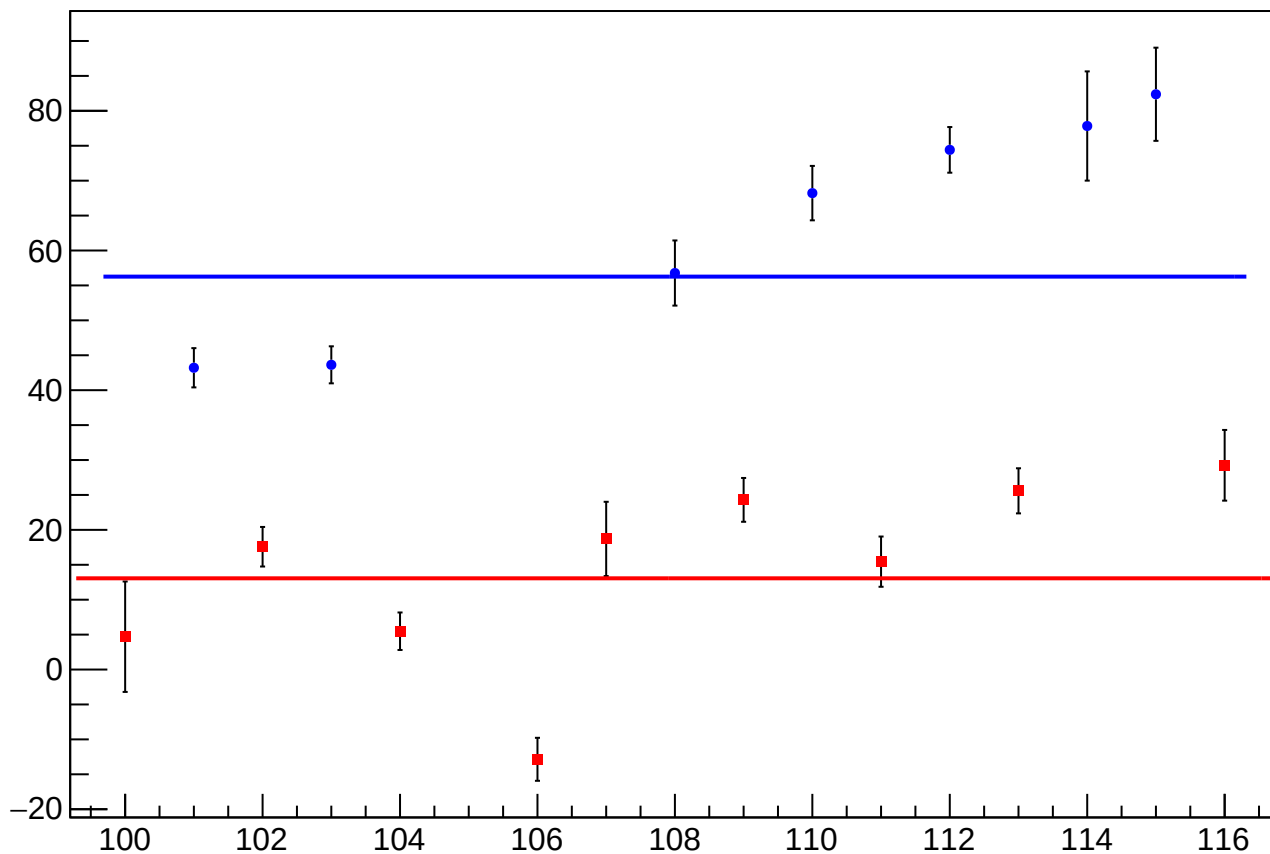
Right: 154.244 $\pm$ 0.086 χ^2/NDF : 6492636.7/15

In: 152.742 $\pm$ 0.125 χ^2/NDF : 3042543.6/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.244 $\pm$ 0.086 χ^2/NDF : 6492636.7/15

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 56.261+/-1.396 χ^2/NDF : 107.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.063+/-1.167 χ^2/NDF : 122.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

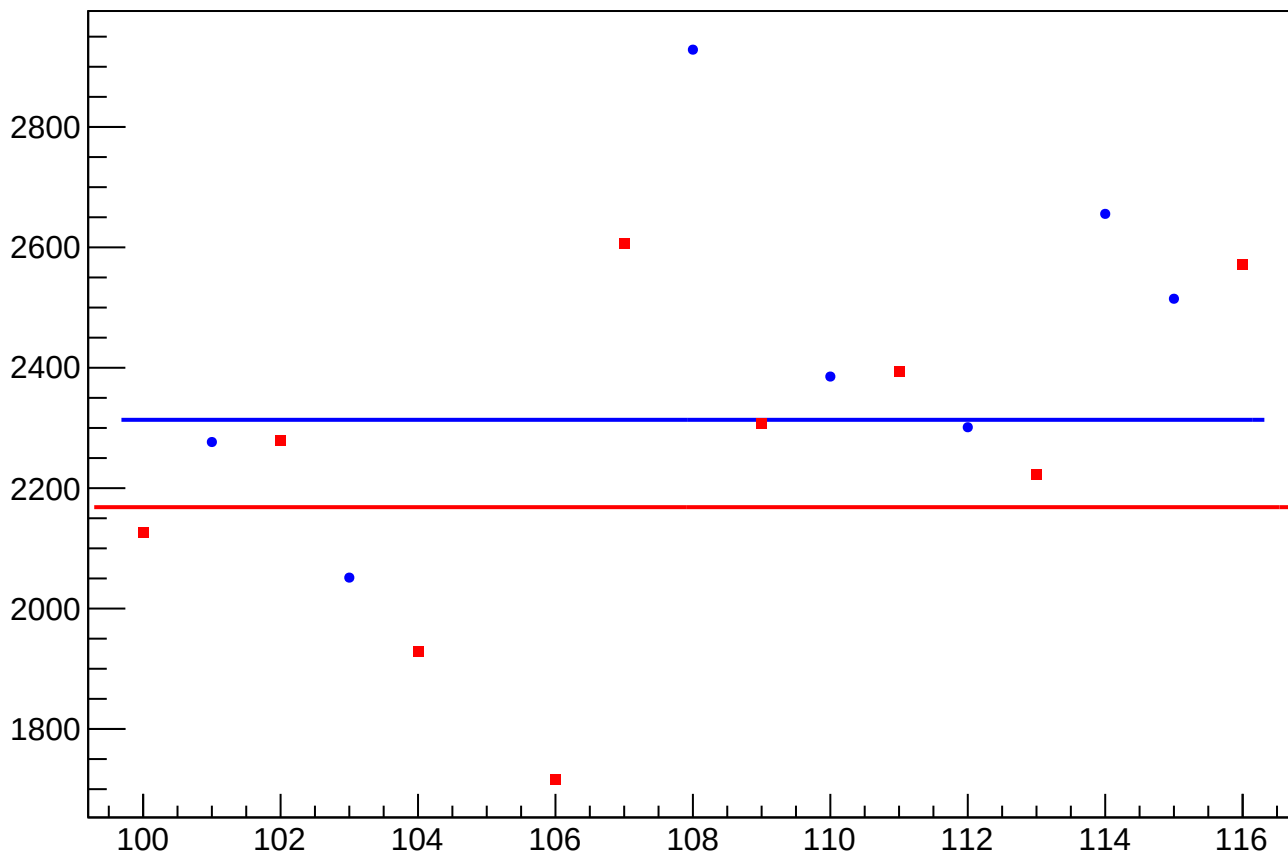
Right: 30.834+/-0.895 χ^2/NDF : 793.2/15

In: 56.261+/-1.396 χ^2/NDF : 107.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.834+/-0.895 χ^2/NDF : 793.2/15

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2313.528+/-0.987 χ^2/NDF : 61016.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2168.438+/-0.825 χ^2/NDF : 100977.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

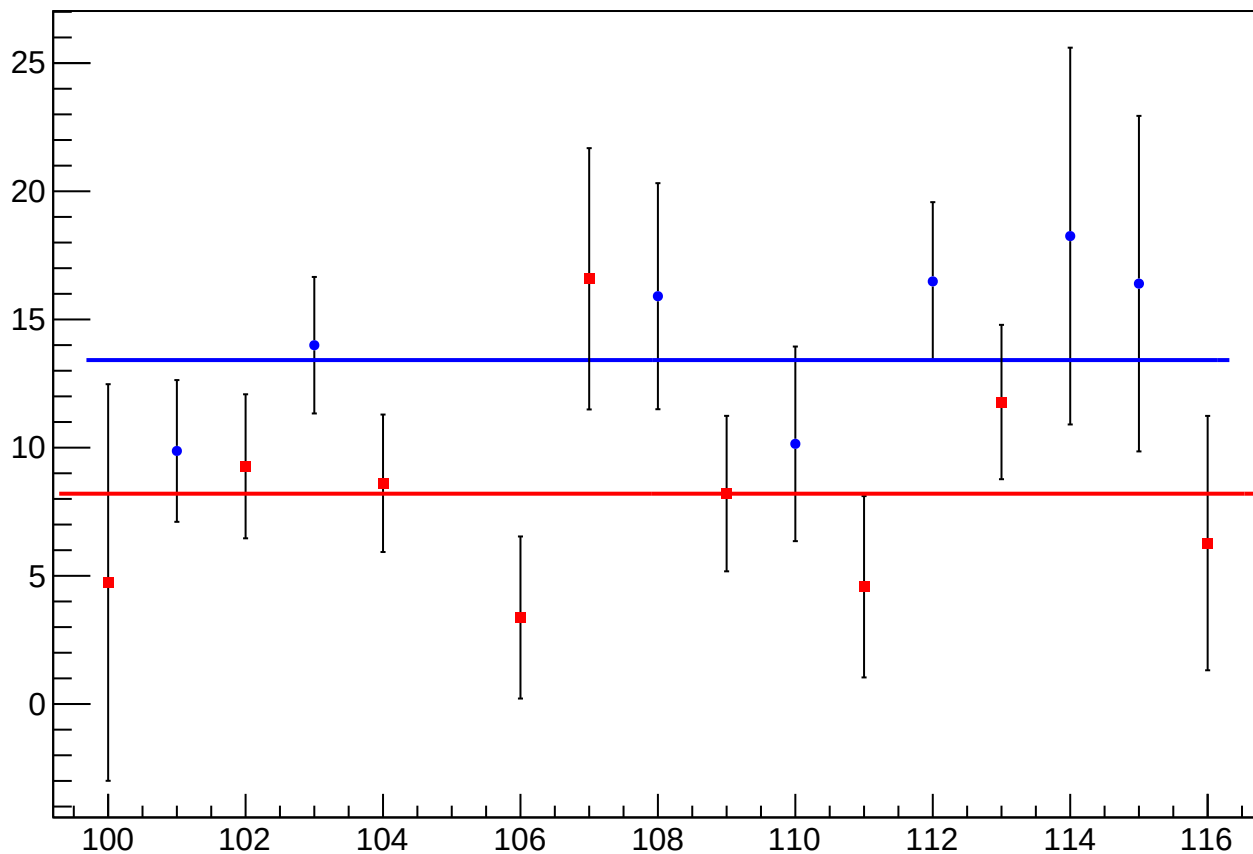
Right: 2228.126+/-0.633 χ^2/NDF : 174709.5/15

In: 2313.528+/-0.987 χ^2/NDF : 61016.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2228.126+/-0.633 χ^2/NDF : 174709.5/15

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 13.416+/-1.362 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.204+/-1.146 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

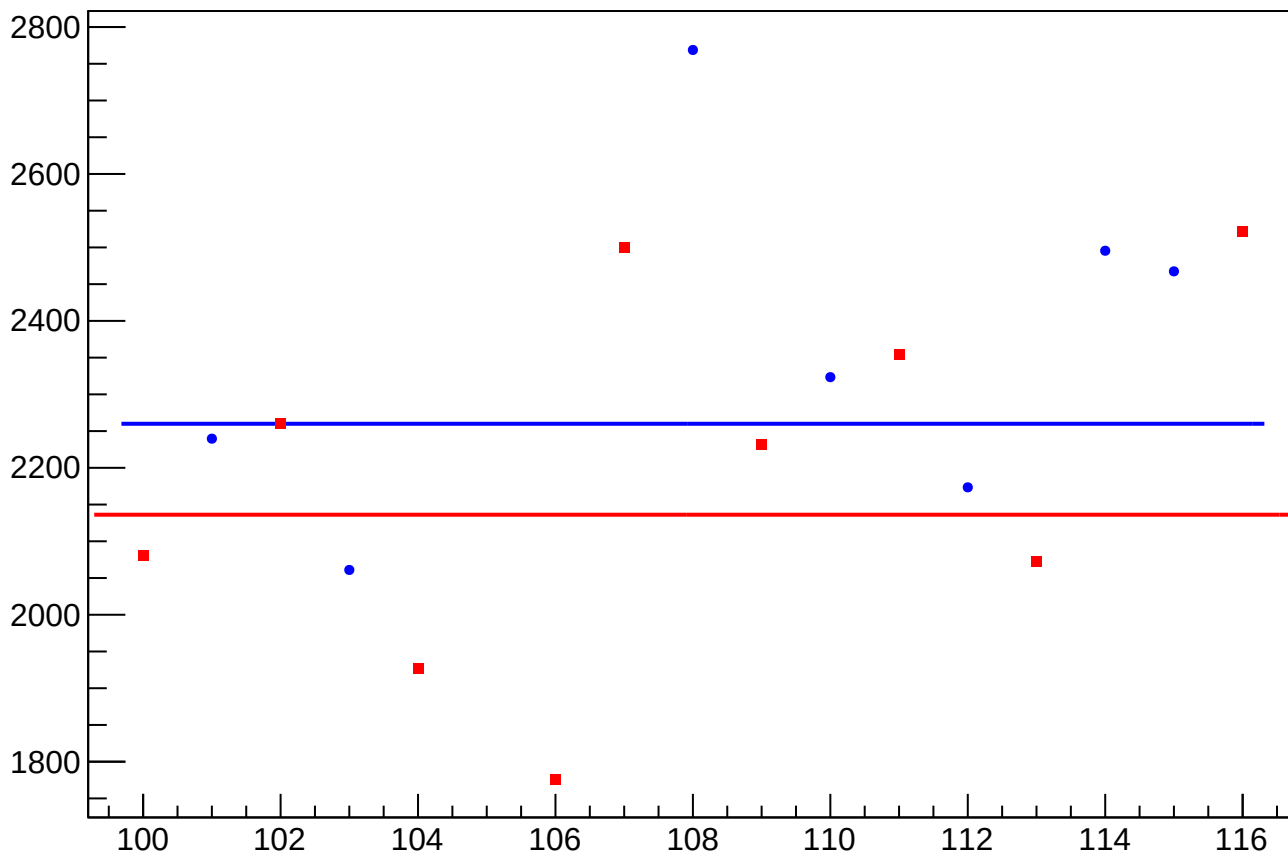
Right: 10.366+/-0.877 χ^2/NDF : 21.0/15

In: 13.416+/-1.362 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.366+/-0.877 χ^2/NDF : 21.0/15

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2259.977 $\pm$ 0.963 χ^2 /NDF: 44106.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2136.169 $\pm$ 0.811 χ^2 /NDF: 74985.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

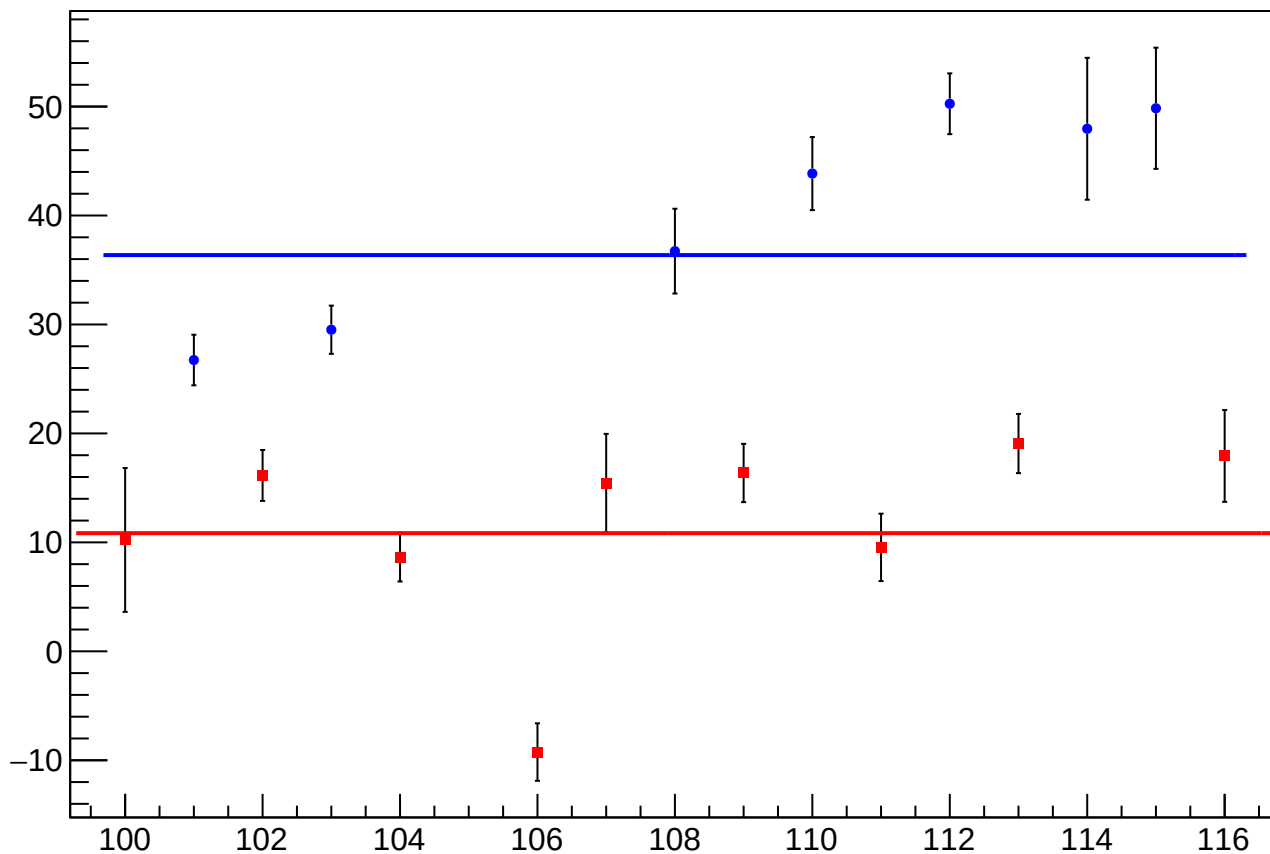
Right: 2187.525 $\pm$ 0.620 χ^2 /NDF: 128767.1/15

In: 2259.977 $\pm$ 0.963 χ^2 /NDF:44106.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2187.525 $\pm$ 0.620 χ^2 /NDF: 128767.1/15

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 36.368+/-1.171 χ^2/NDF : 65.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.845+/-0.983 χ^2/NDF : 81.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

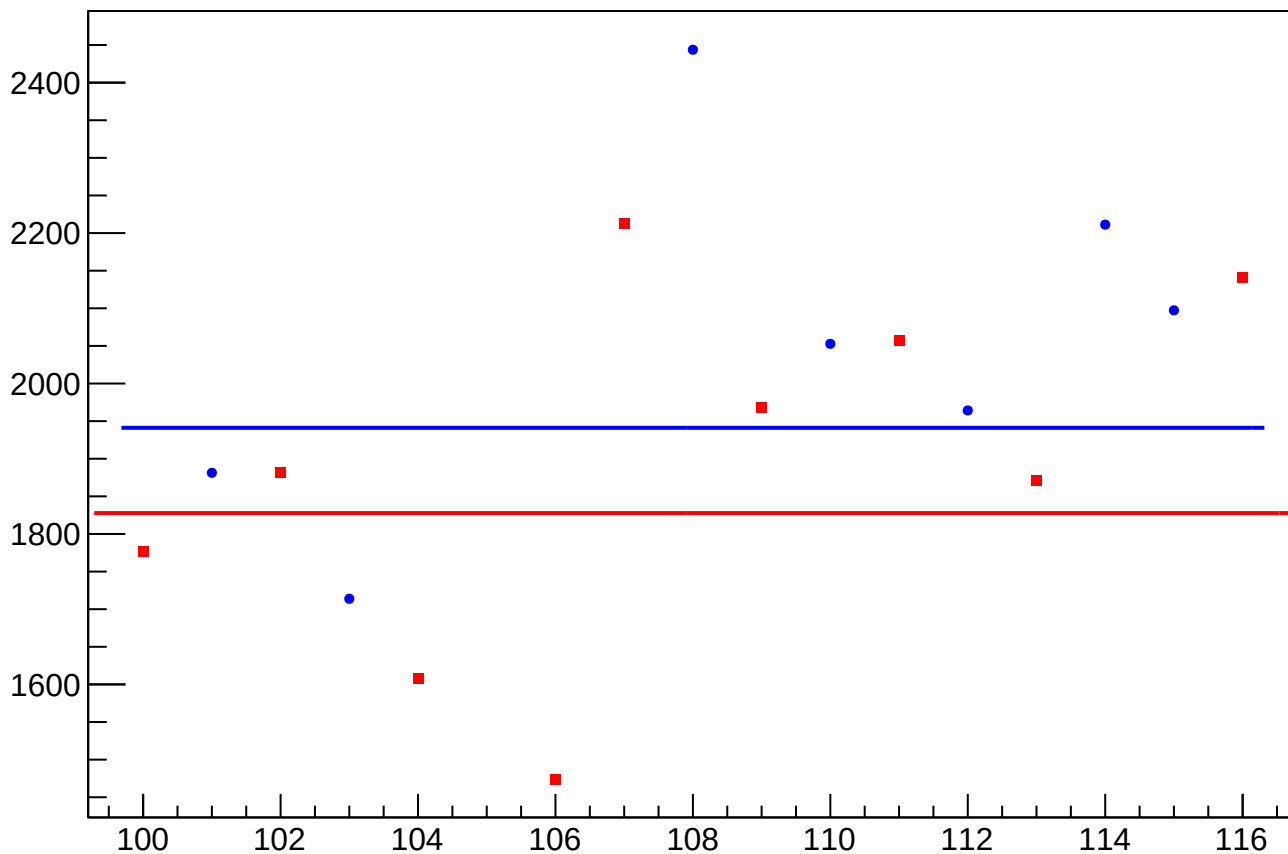
Right: 21.397+/-0.753 χ^2/NDF : 425.8/15

In: 36.368+/-1.171 χ^2/NDF : 65.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.397+/-0.753 χ^2/NDF : 425.8/15

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1941.140 $\pm$ 0.828 χ^2/NDF : 63152.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1827.761 $\pm$ 0.695 χ^2/NDF : 99233.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

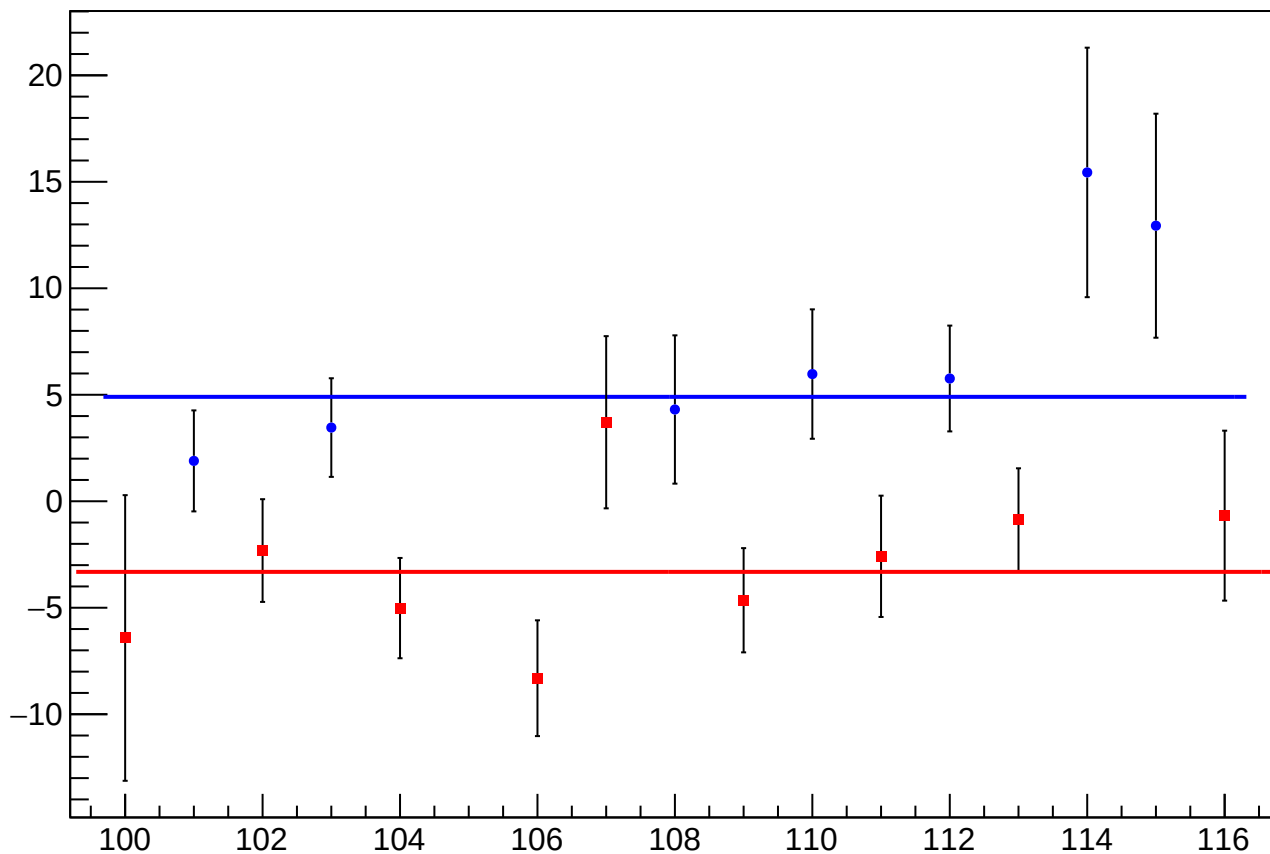
Right: 1874.634 $\pm$ 0.532 χ^2/NDF : 173380.3/15

In: 1941.140 $\pm$ 0.828 χ^2/NDF : 63152.1/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1874.634 $\pm$ 0.532 χ^2/NDF : 173380.3/15

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 4.903+/-1.130 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.316+/-0.956 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

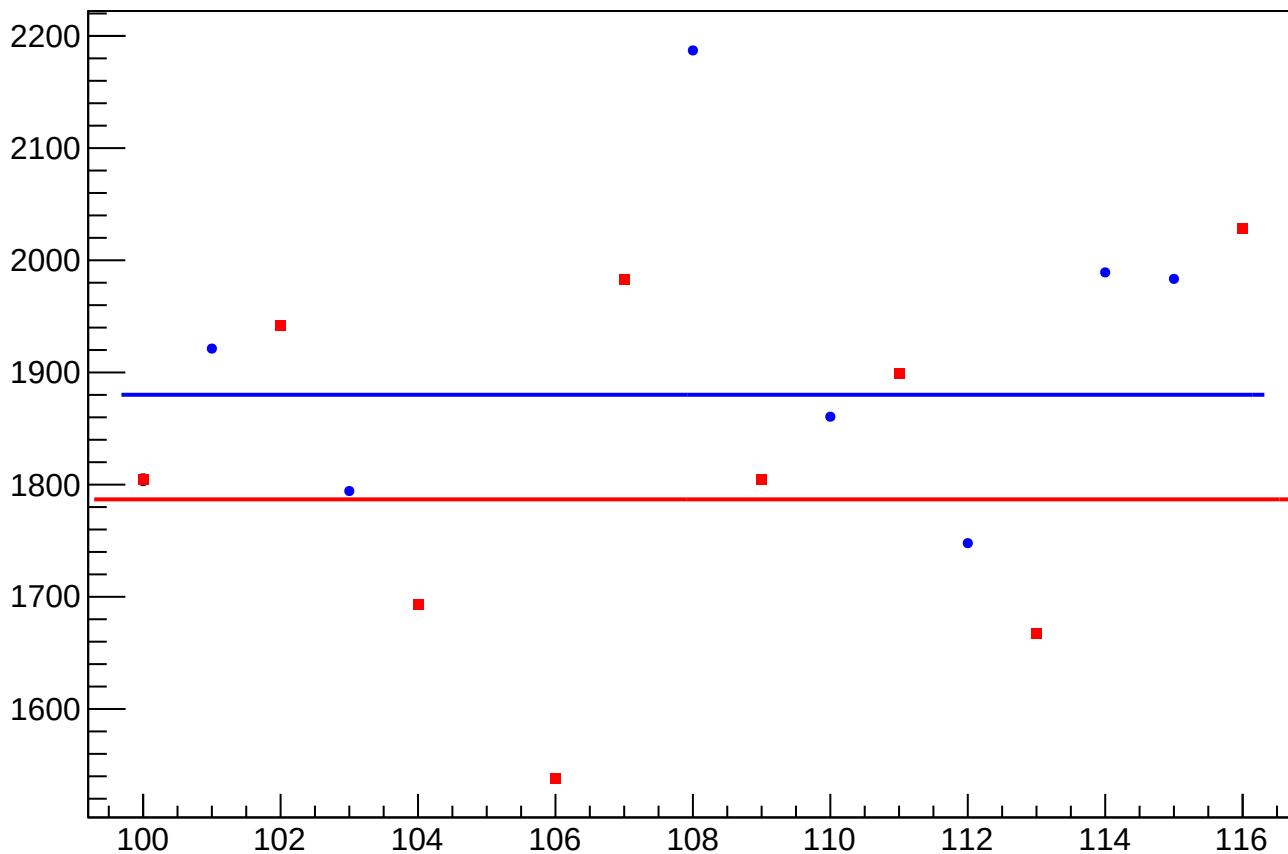
Right: 0.110+/-0.730 χ^2/NDF : 47.8/15

In: 4.903+/-1.130 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.730 χ^2/NDF : 47.8/15

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1880.115 $\pm$ 0.799 χ^2 /NDF: 26112.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1786.878 $\pm$ 0.676 χ^2 /NDF: 48258.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

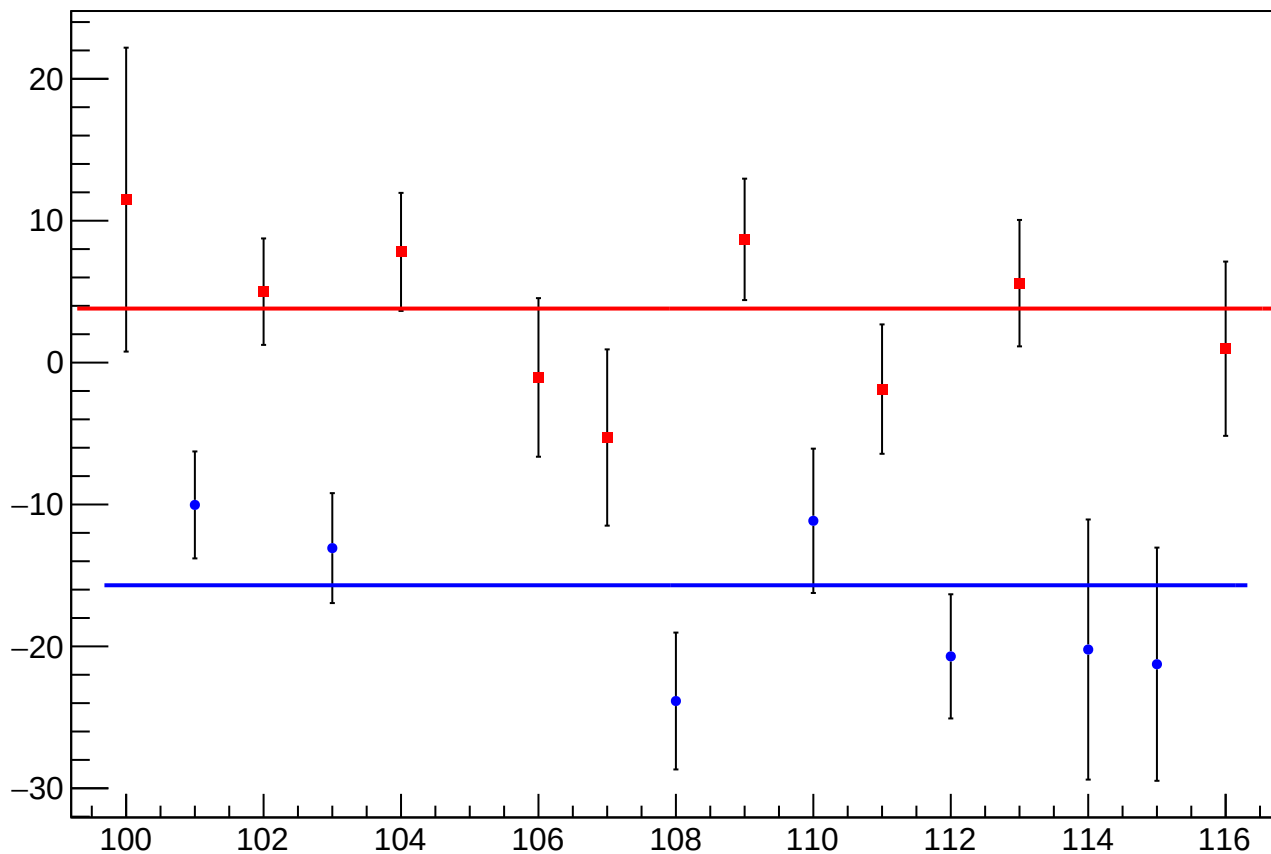
Right: 1825.747 $\pm$ 0.516 χ^2 /NDF: 82304.5/15

In: 1880.115 $\pm$ 0.799 χ^2 /NDF:26112.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1825.747 $\pm$ 0.516 χ^2 /NDF: 82304.5/15

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.693 $\pm$ 1.833 χ^2 /NDF: 8.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.809 $\pm$ 1.633 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

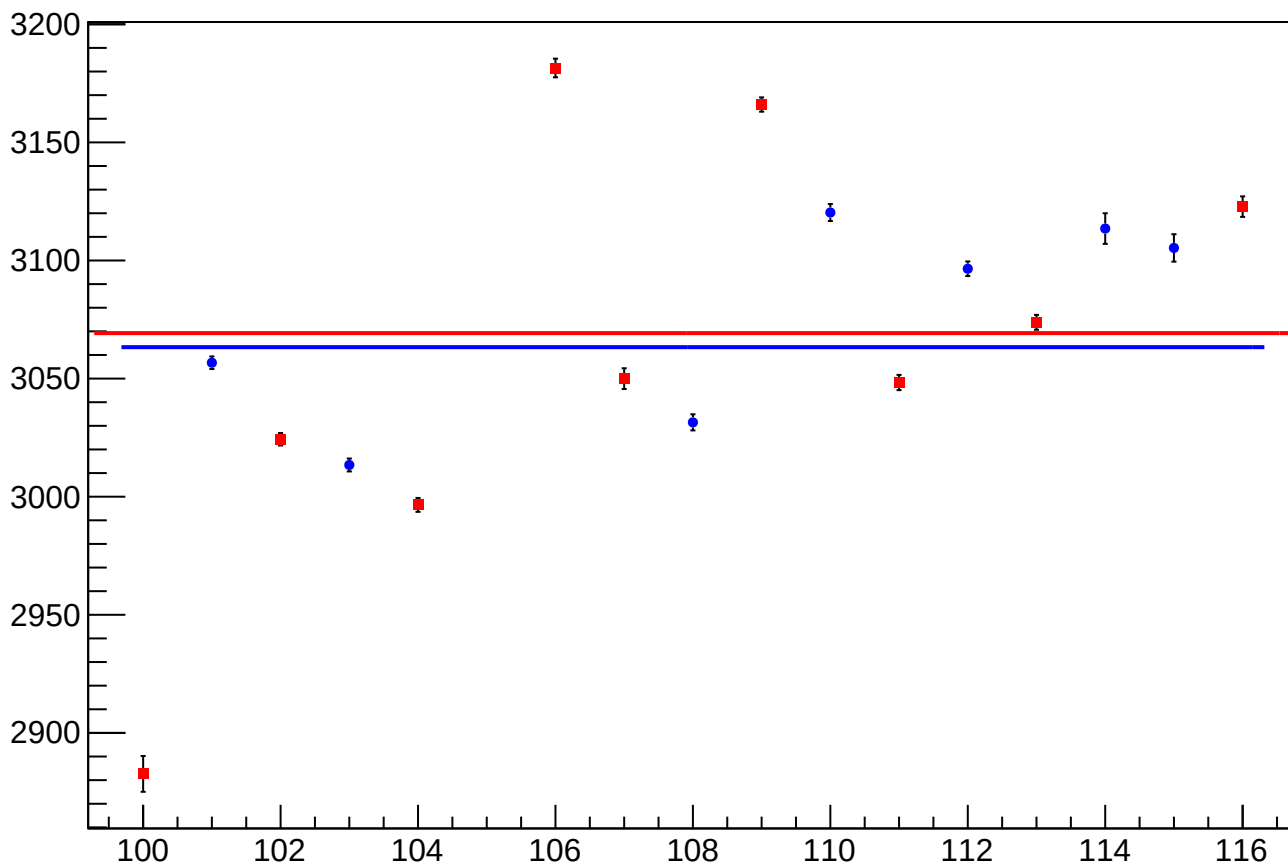
Right: -4.818 $\pm$ 1.219 χ^2 /NDF: 79.2/15

In: -15.693 $\pm$ 1.833 χ^2 /NDF: 8.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.818 $\pm$ 1.219 χ^2 /NDF: 79.2/15

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3063.305 $\pm$ 1.296 χ^2 /NDF: 903.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3069.253 $\pm$ 1.154 χ^2 /NDF: 3551.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

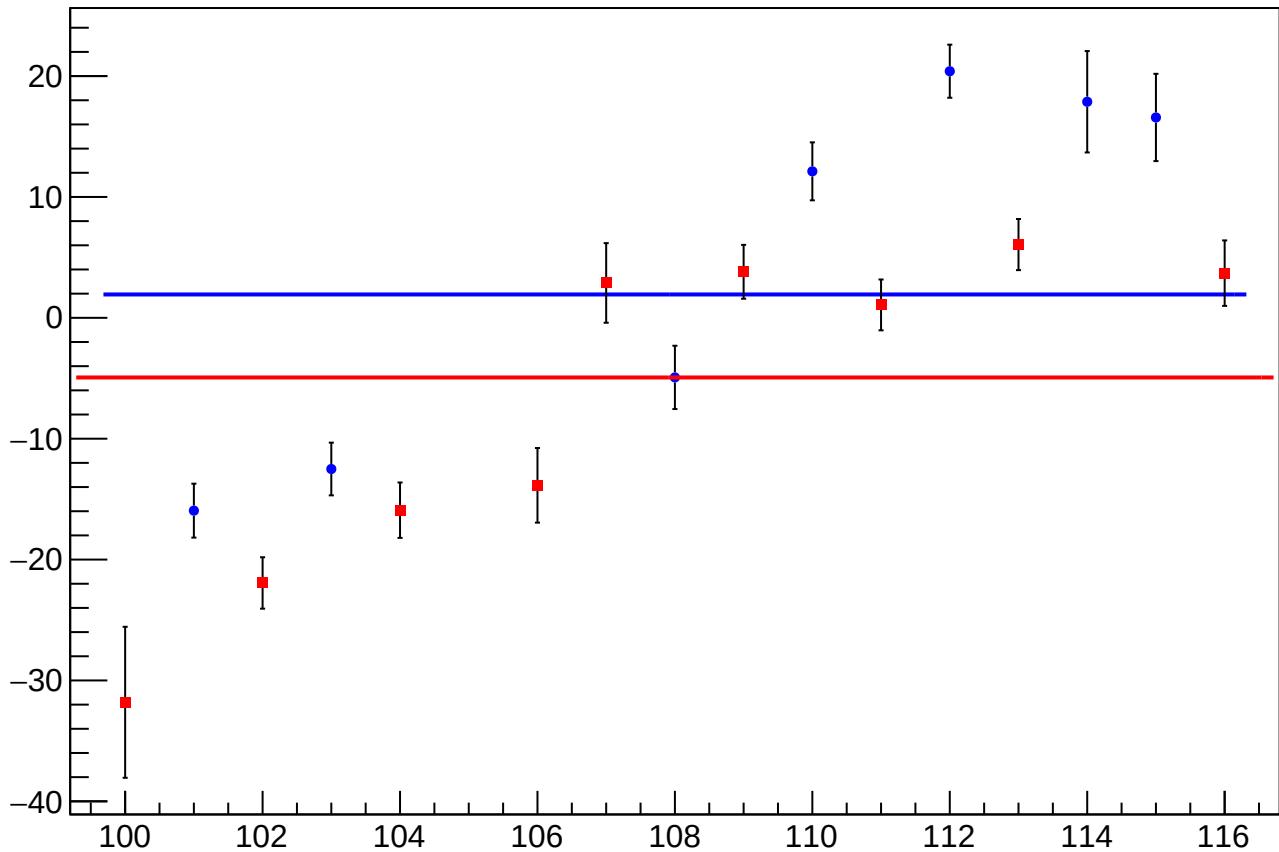
Right: 3066.622 $\pm$ 0.862 χ^2 /NDF: 4466.3/15

In: 3063.305 $\pm$ 1.296 χ^2 /NDF:903.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3066.622 $\pm$ 0.862 χ^2 /NDF: 4466.3/15

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 1.934+/-0.966 χ^2/NDF : 234.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.934+/-0.839 χ^2/NDF : 180.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

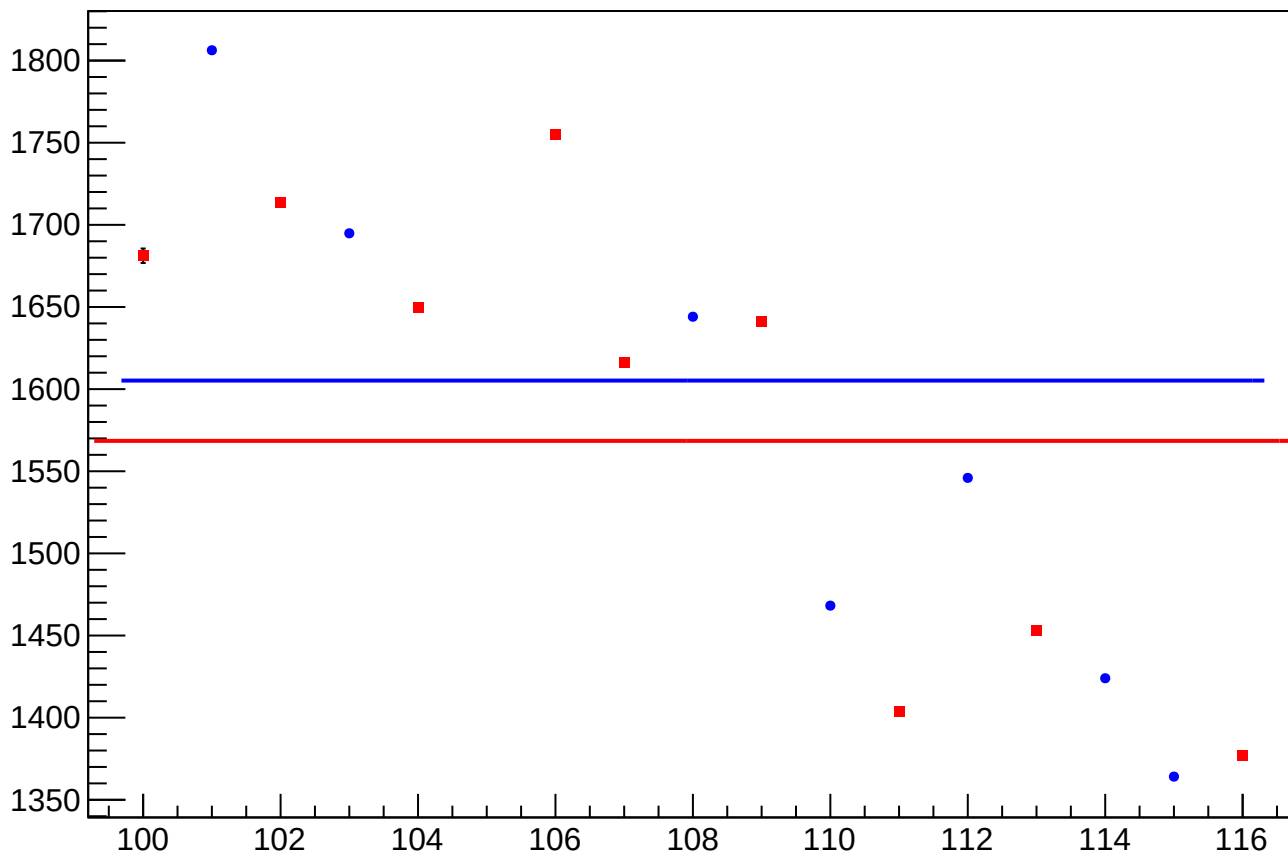
Right: -1.982+/-0.633 χ^2/NDF : 443.5/15

In: 1.934+/-0.966 χ^2/NDF : 234.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.982+/-0.633 χ^2/NDF : 443.5/15

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1605.209+/-0.683 χ^2/NDF : 40695.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.489+/-0.593 χ^2/NDF : 50577.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

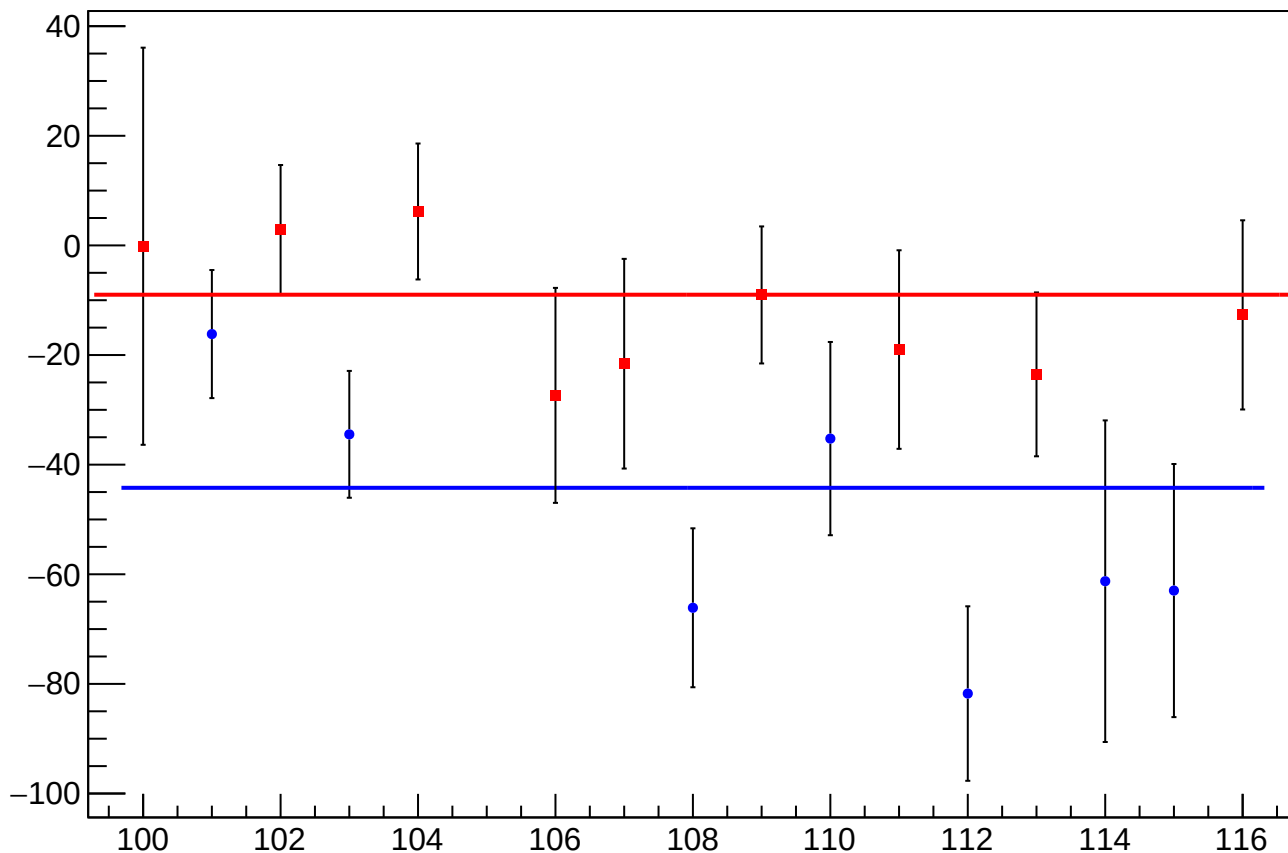
Right: 1584.272+/-0.448 χ^2/NDF : 92920.5/15

In: 1605.209+/-0.683 χ^2/NDF : 40695.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.272+/-0.448 χ^2/NDF : 92920.5/15

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -44.225 $\pm$ 5.798 χ^2 /NDF: 15.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.996 $\pm$ 5.196 χ^2 /NDF: 5.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

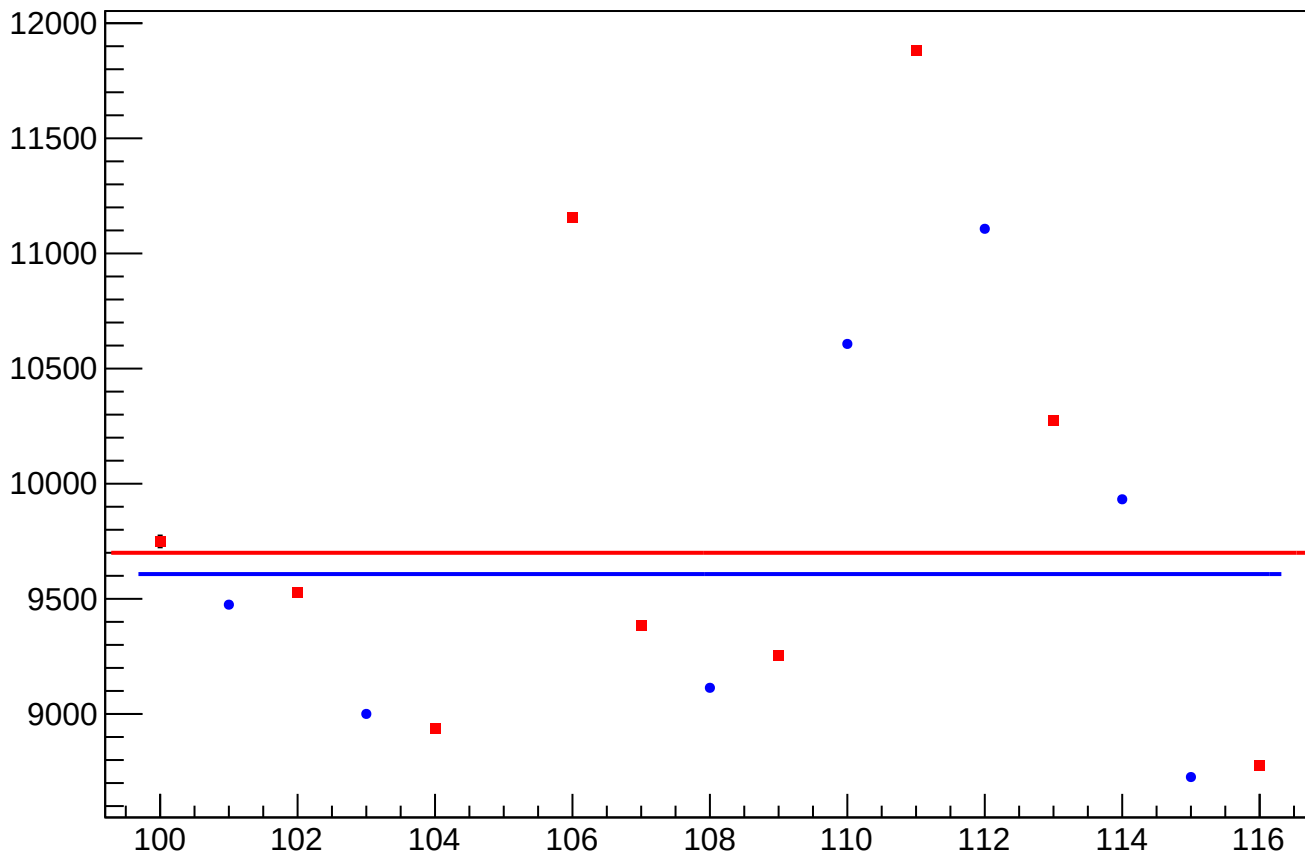
Right: -24.689 $\pm$ 3.869 χ^2 /NDF: 41.2/15

In: -44.225 $\pm$ 5.798 χ^2 /NDF:15.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.689 $\pm$ 3.869 χ^2 /NDF: 41.2/15

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9607.591+/-4.099 χ^2/NDF : 35425.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9700.015+/-3.674 χ^2/NDF : 59848.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

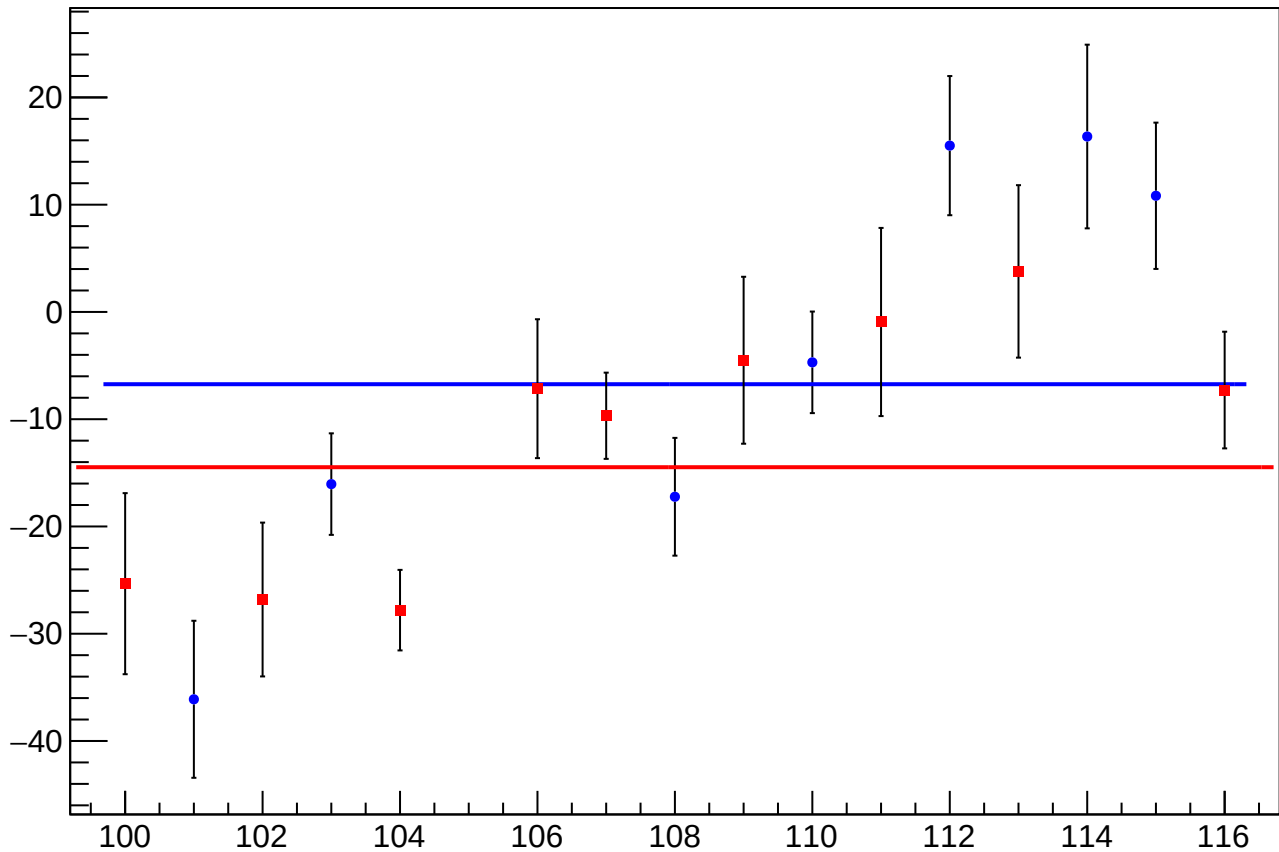
Right: 9658.844+/-2.736 χ^2/NDF : 95556.5/15

In: 9607.591+/-4.099 χ^2/NDF : 35425.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9658.844+/-2.736 χ^2/NDF : 95556.5/15

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -6.737 $\pm$ 2.236 χ^2 /NDF: 49.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.475 $\pm$ 1.928 χ^2 /NDF: 30.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

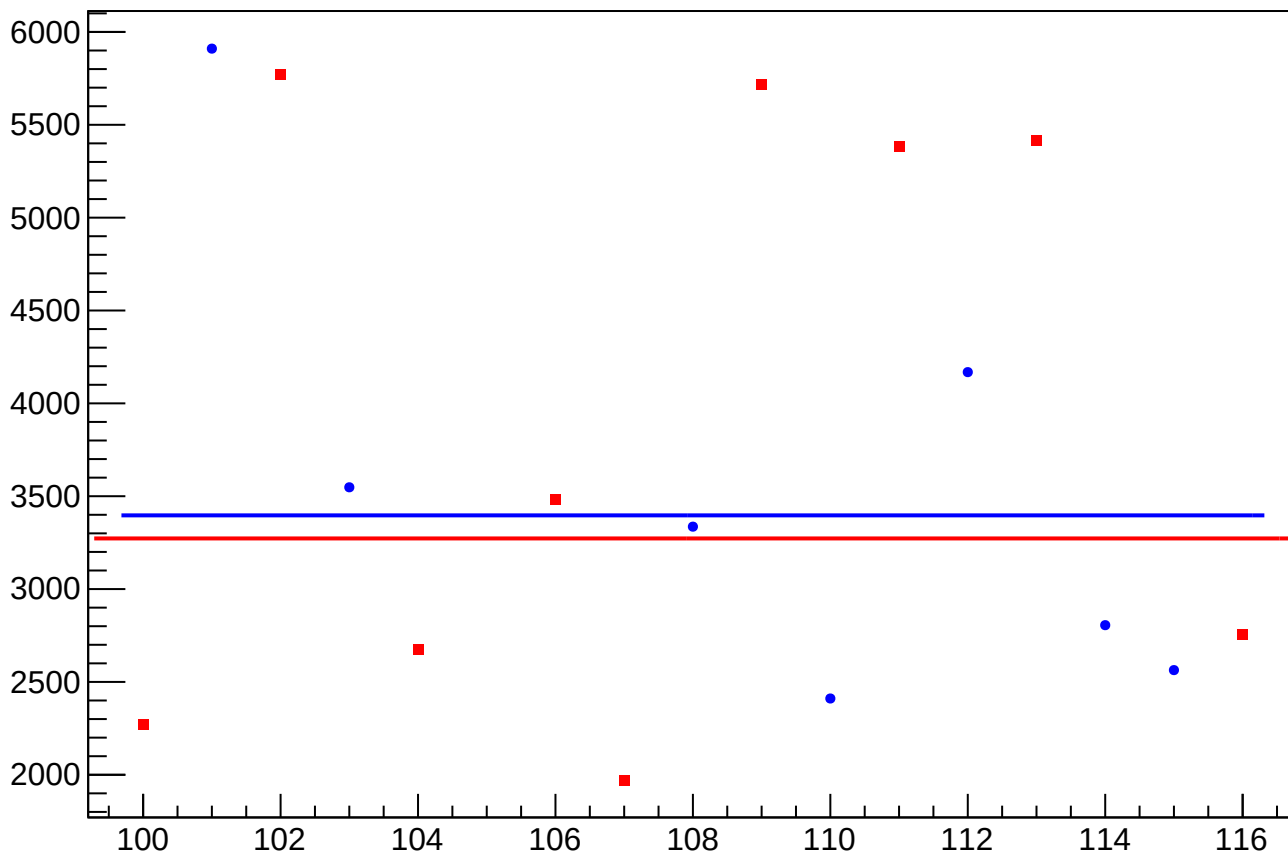
Right: -11.175 $\pm$ 1.460 χ^2 /NDF: 87.2/15

In: -6.737 $\pm$ 2.236 χ^2 /NDF:49.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.175 $\pm$ 1.460 χ^2 /NDF: 87.2/15

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 3396.883+/-1.581 χ^2/NDF : 392475.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3272.620+/-1.363 χ^2/NDF : 1006225.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

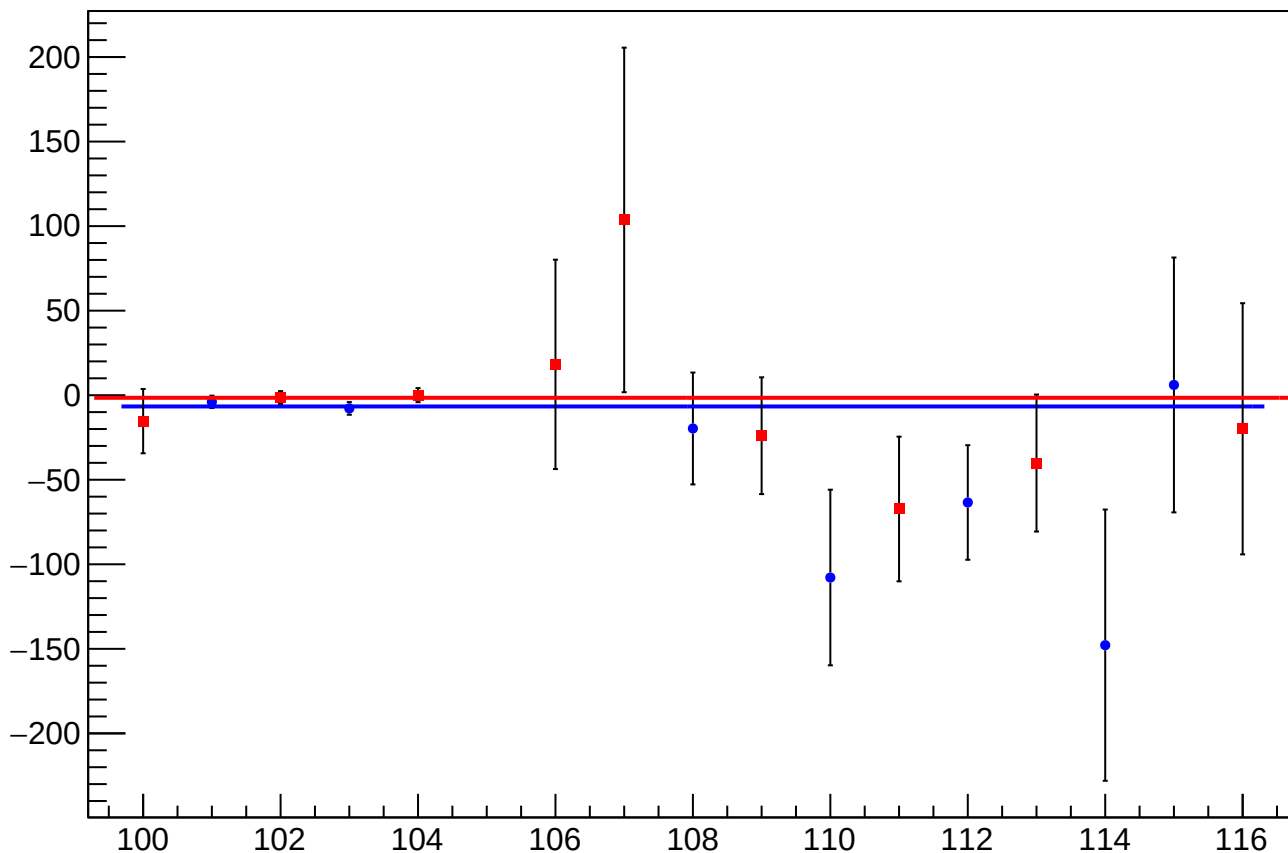
Right: 3325.613+/-1.033 χ^2/NDF : 1402243.8/15

In: 3396.883+/-1.581 χ^2/NDF : 392475.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3325.613+/-1.033 χ^2/NDF : 1402243.8/15

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.652 $\pm$ 2.594 χ^2 /NDF: 10.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.529 $\pm$ 2.730 χ^2 /NDF: 5.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

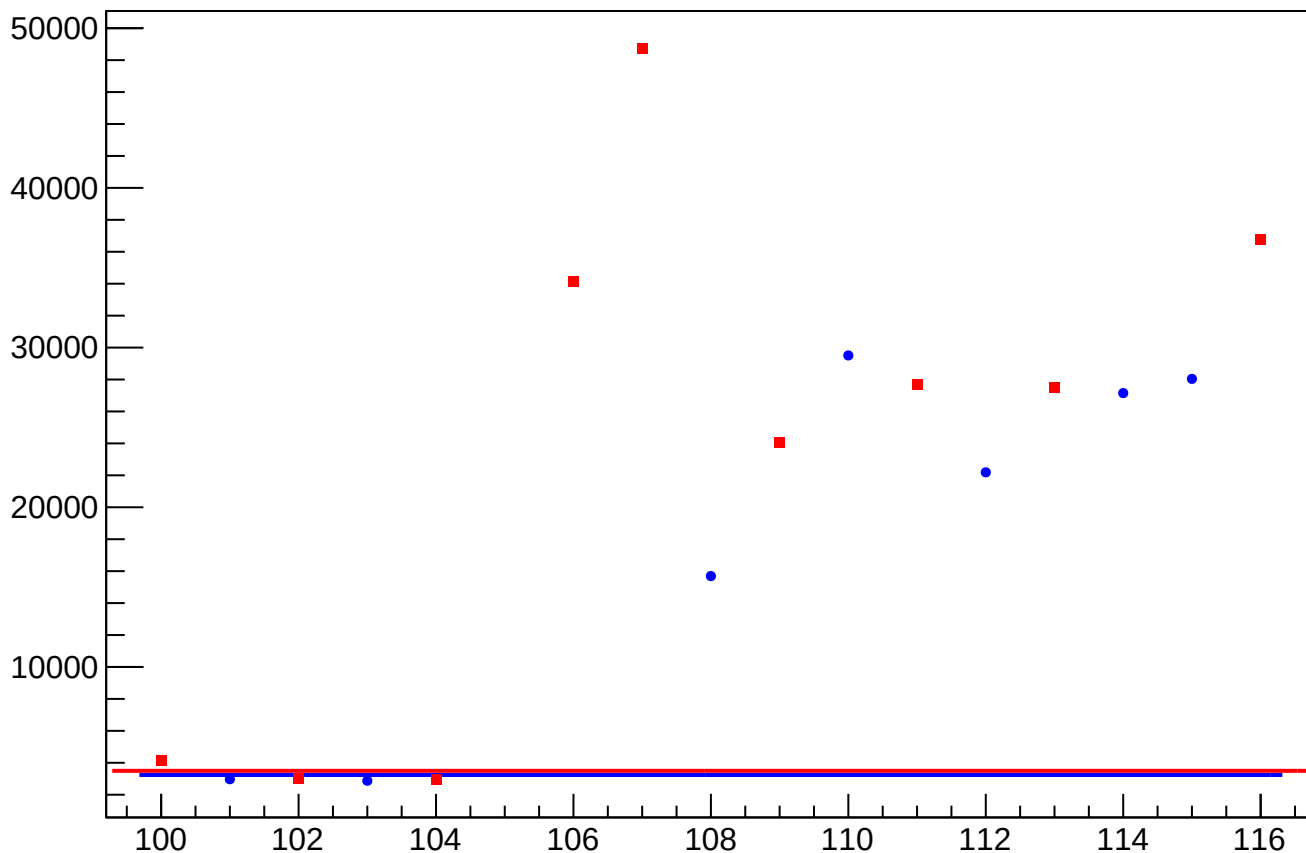
Right: -4.222 $\pm$ 1.880 χ^2 /NDF: 18.0/15

In: -6.652 $\pm$ 2.594 χ^2 /NDF:10.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.222 $\pm$ 1.880 χ^2 /NDF: 18.0/15

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3236.134 $\pm$ 1.834 χ^2/NDF : 1844439.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3496.569 $\pm$ 1.931 χ^2/NDF : 3405250.0/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

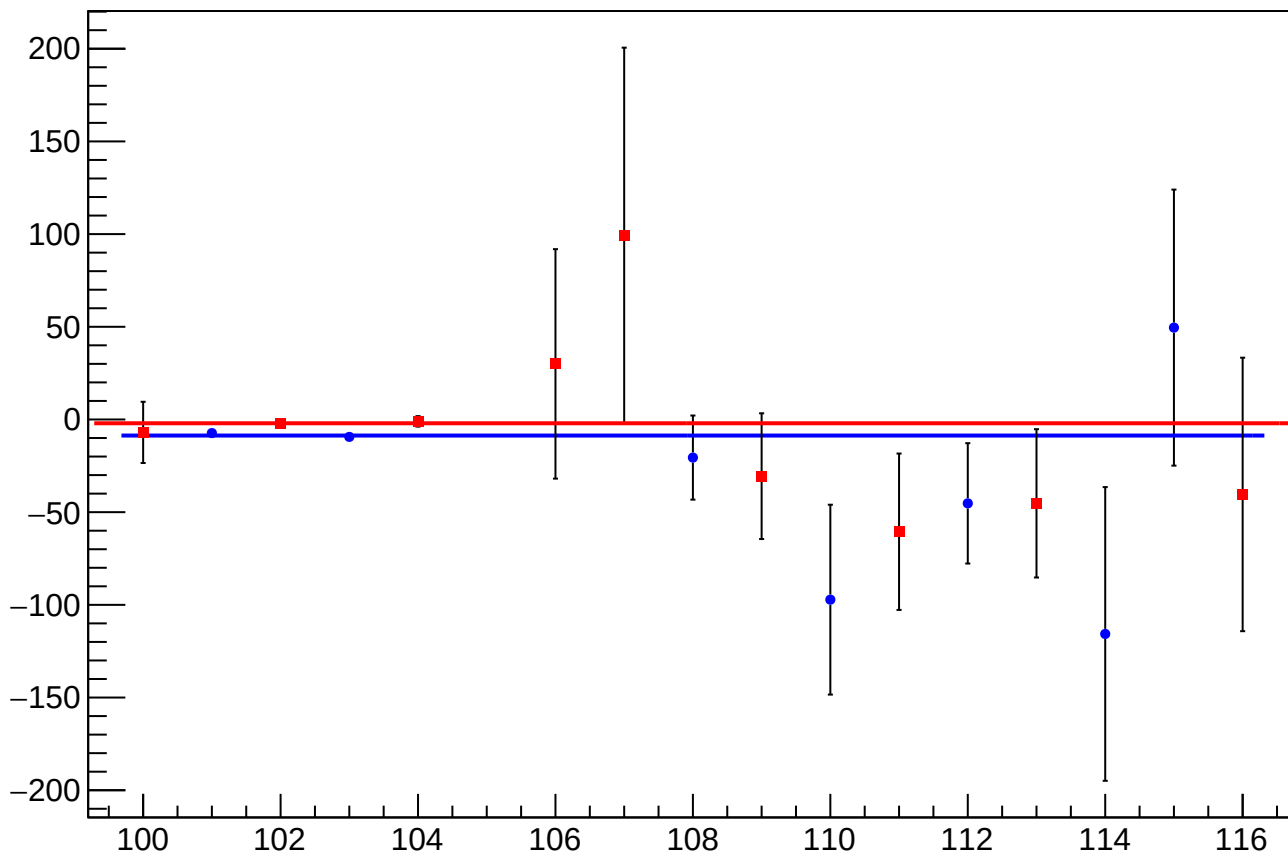
Right: 3359.674 $\pm$ 1.330 χ^2/NDF : 5259256.2/15

In: 3236.134 $\pm$ 1.834 χ^2/NDF : 1844439.9/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3359.674 $\pm$ 1.330 χ^2/NDF : 5259256.2/15

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.668+/-1.779 χ^2/NDF : 7.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.042+/-1.882 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

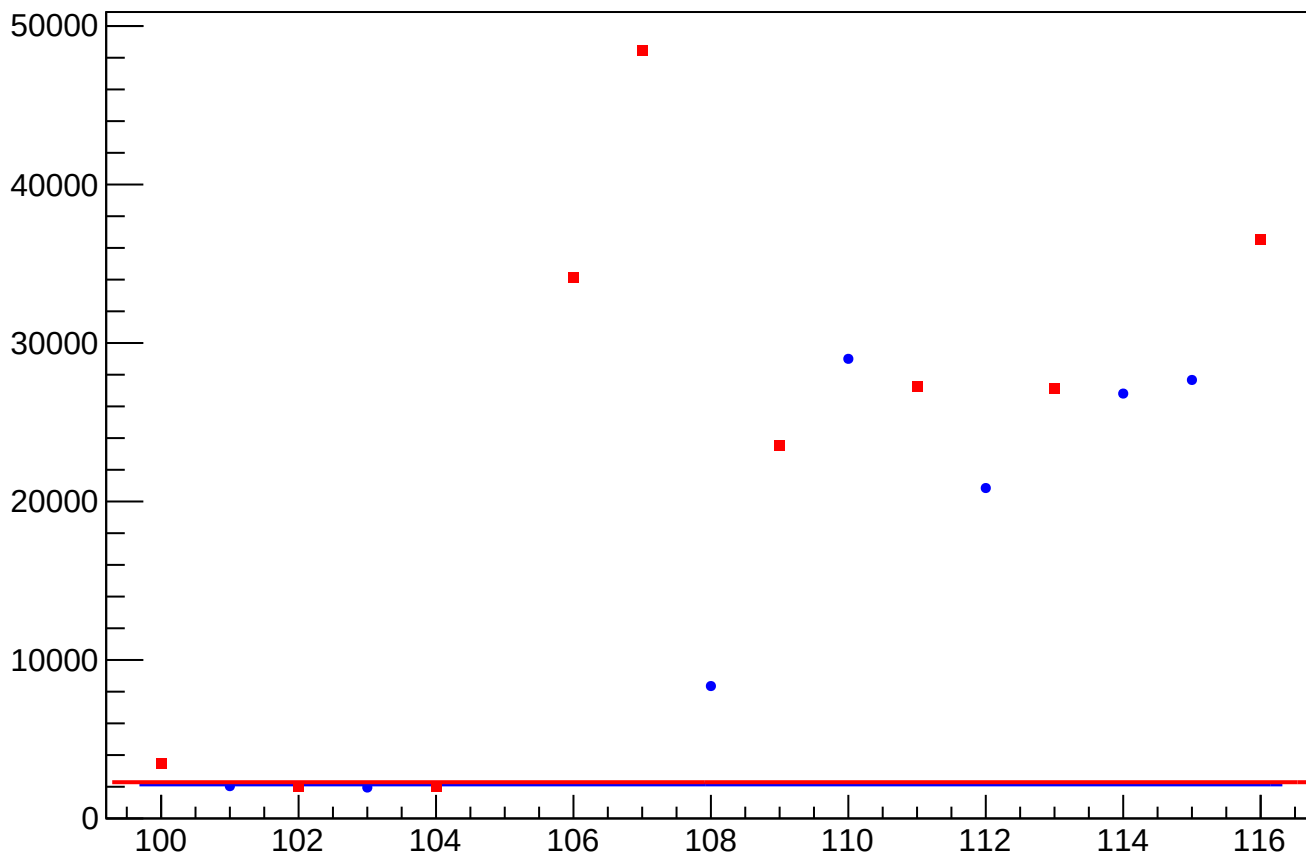
Right: -5.540+/-1.293 χ^2/NDF : 19.4/15

In: -8.668+/-1.779 χ^2/NDF :7.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.540+/-1.293 χ^2/NDF : 19.4/15

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2150.531+/-1.258 χ^2/NDF : 1807776.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2286.796+/-1.331 χ^2/NDF : 3680966.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

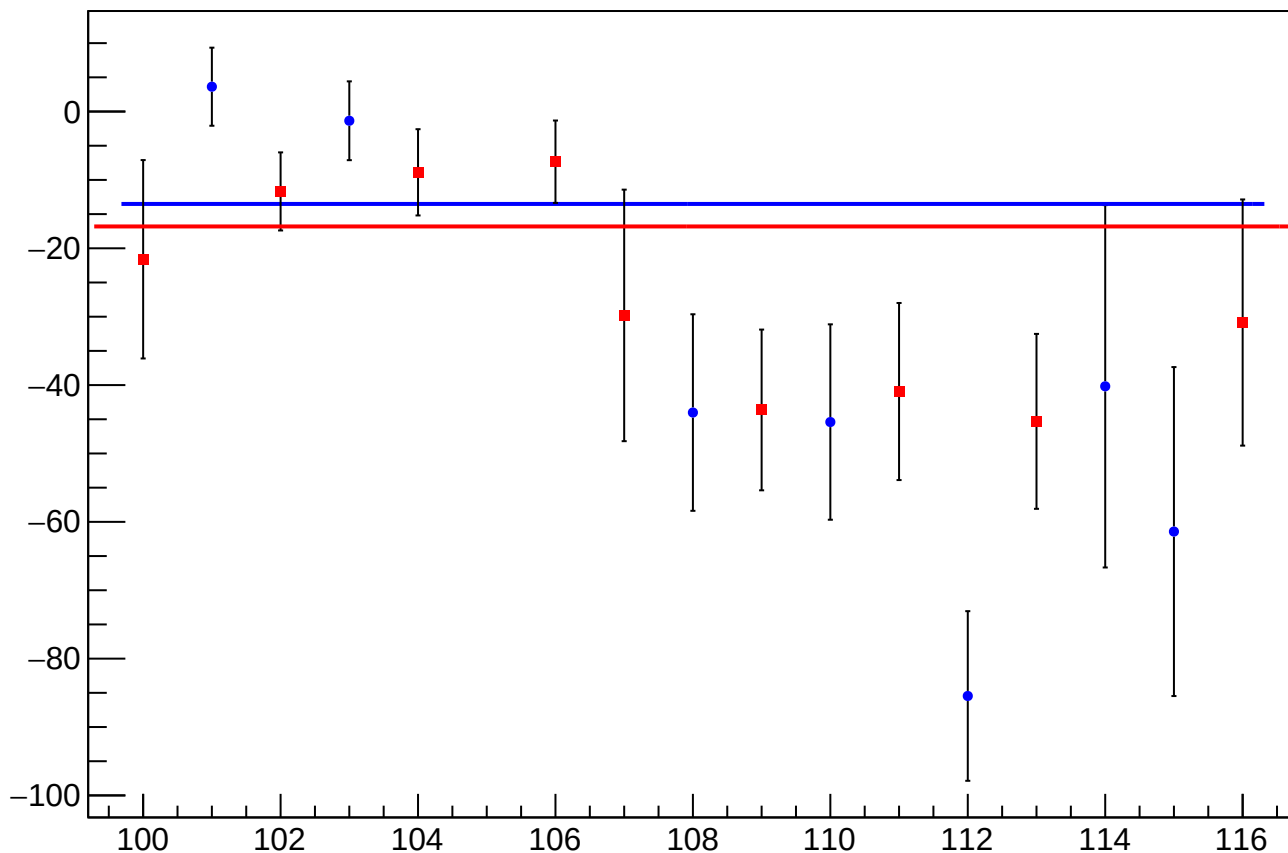
Right: 2214.852+/-0.914 χ^2/NDF : 5494279.8/15

In: 2150.531+/-1.258 χ^2/NDF : 1807776.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2214.852+/-0.914 χ^2/NDF : 5494279.8/15

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -13.513+/-3.531 χ^2/NDF : 61.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.804+/-2.968 χ^2/NDF : 19.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

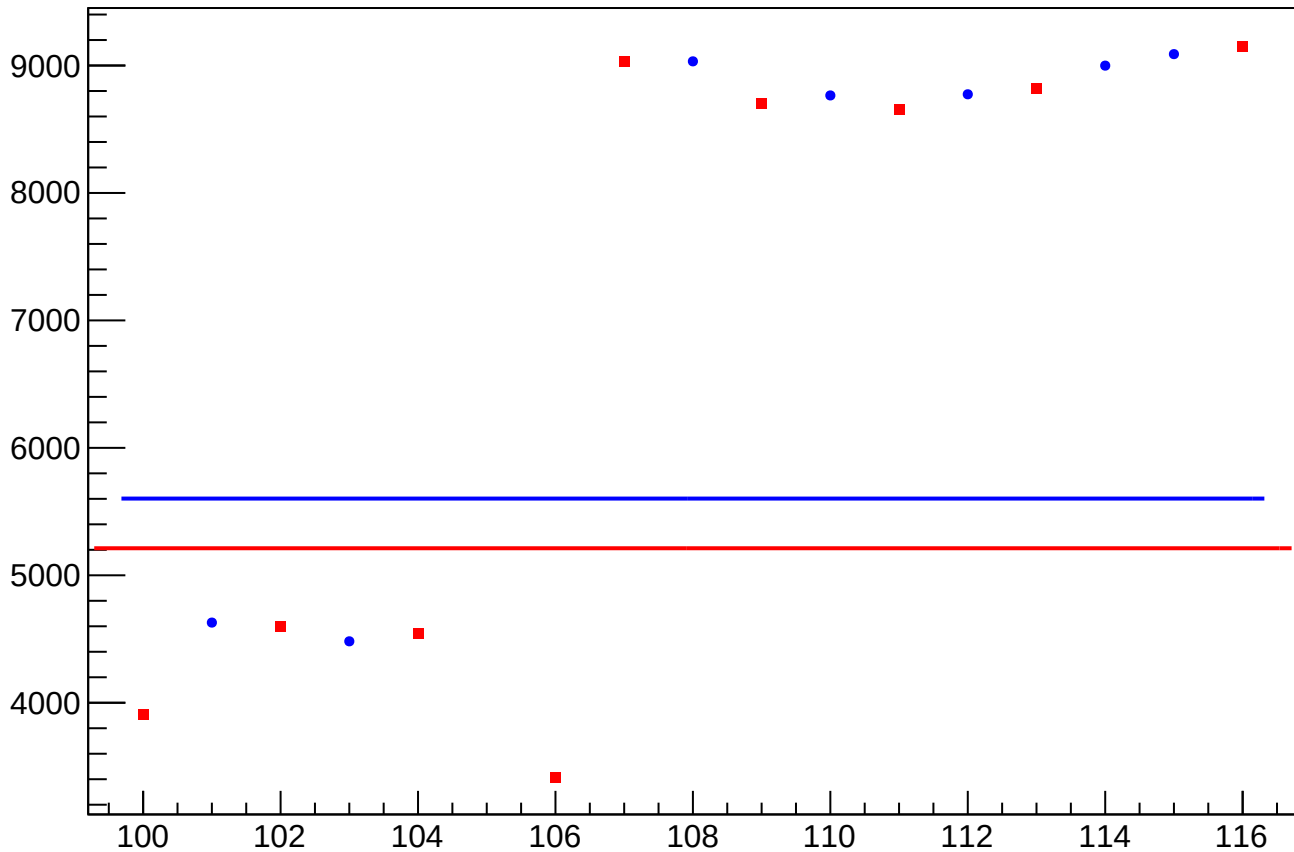
Right: -15.442+/-2.272 χ^2/NDF : 81.8/15

In: -13.513+/-3.531 χ^2/NDF : 61.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.442+/-2.272 χ^2/NDF : 81.8/15

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 5602.087+/-2.497 χ^2/NDF : 551485.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5212.273+/-2.099 χ^2/NDF : 898457.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

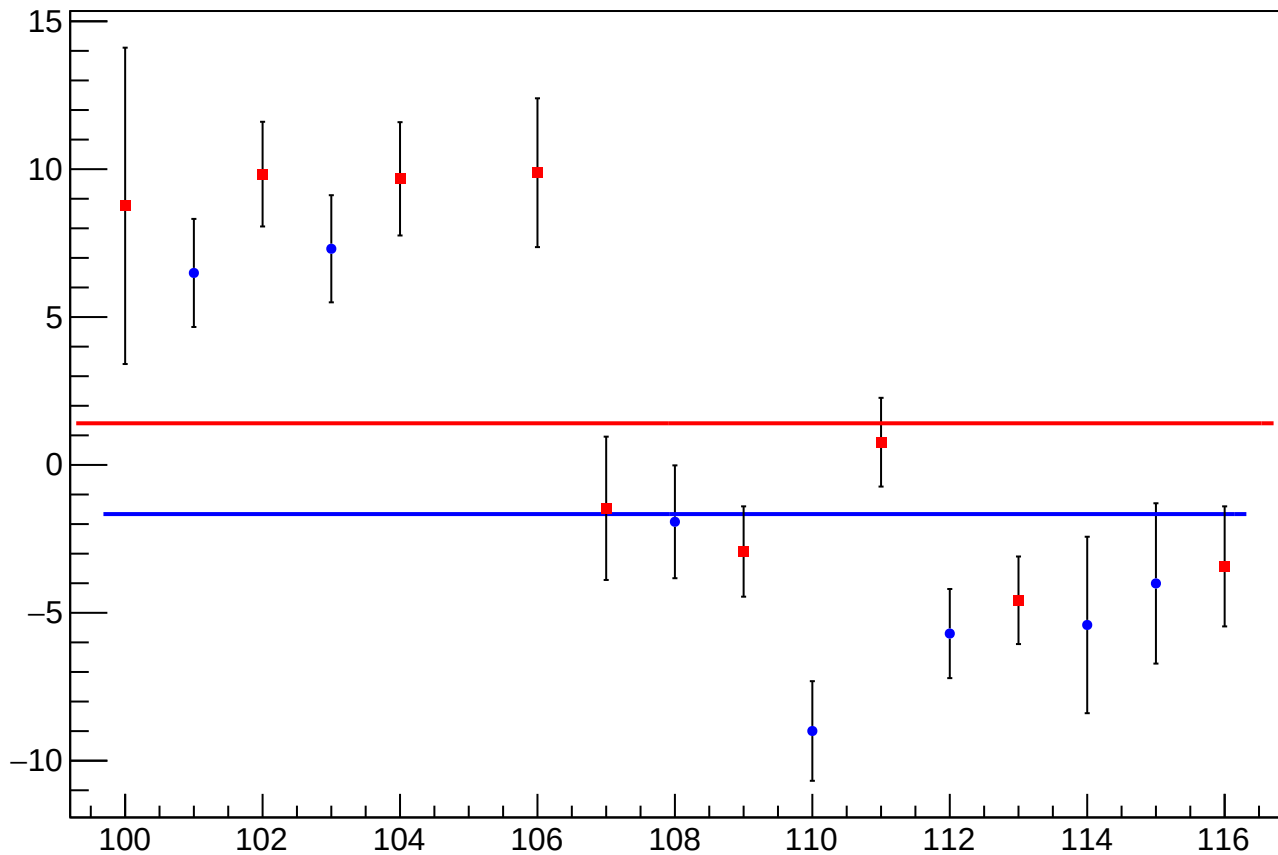
Right: 5373.665+/-1.607 χ^2/NDF : 1464226.5/15

In: 5602.087+/-2.497 χ^2/NDF : 551485.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5373.665+/-1.607 χ^2/NDF : 1464226.5/15

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.662 $\pm$ 0.722 χ^2 /NDF: 72.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.408 $\pm$ 0.629 χ^2 /NDF: 86.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

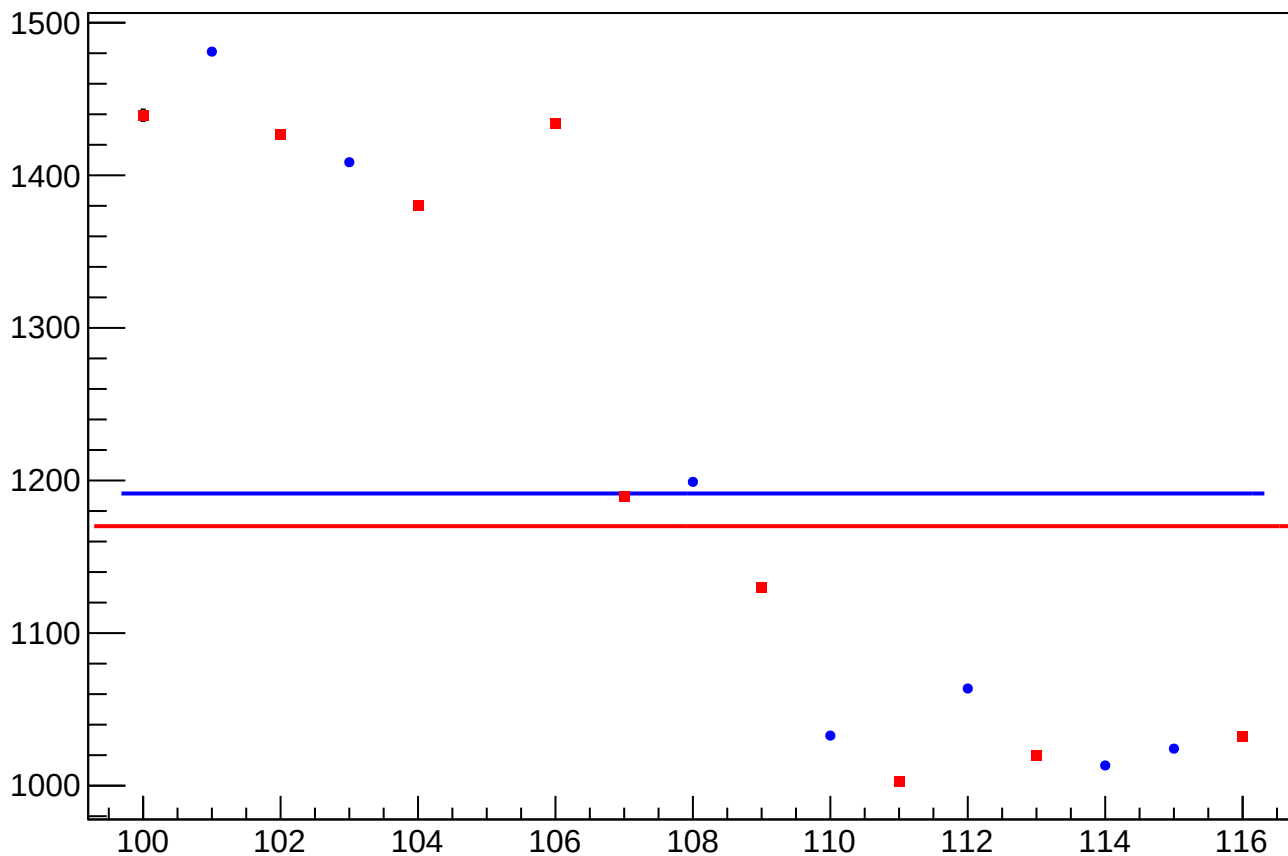
Right: 0.082 $\pm$ 0.474 χ^2 /NDF: 169.4/15

In: -1.662 $\pm$ 0.722 χ^2 /NDF:72.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.082 $\pm$ 0.474 χ^2 /NDF: 169.4/15

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1191.494+/-0.510 χ^2/NDF : 125892.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1170.061+/-0.445 χ^2/NDF : 149267.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

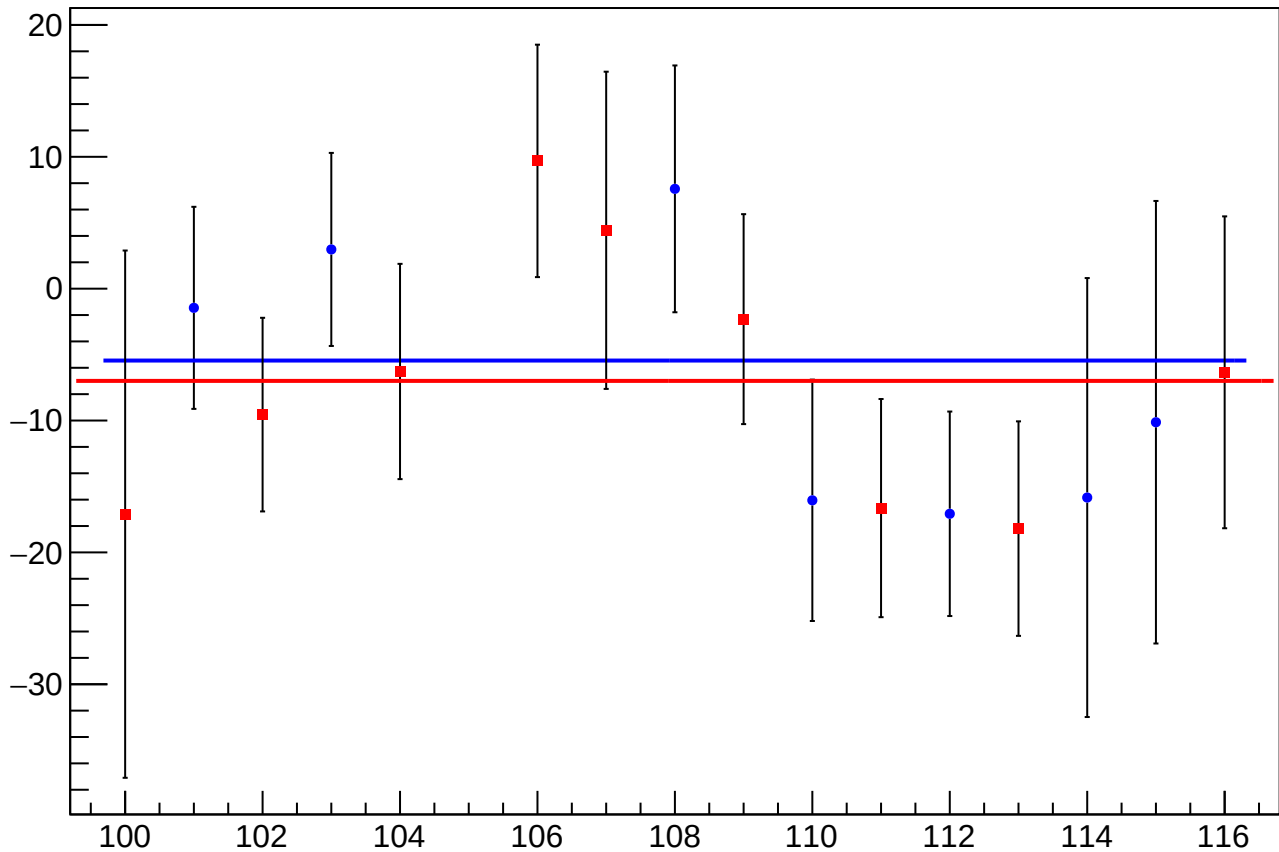
Right: 1179.317+/-0.335 χ^2/NDF : 276163.2/15

In: 1191.494+/-0.510 χ^2/NDF : 125892.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1179.317+/-0.335 χ^2/NDF : 276163.2/15

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -5.451+/-3.474 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.994+/-3.036 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

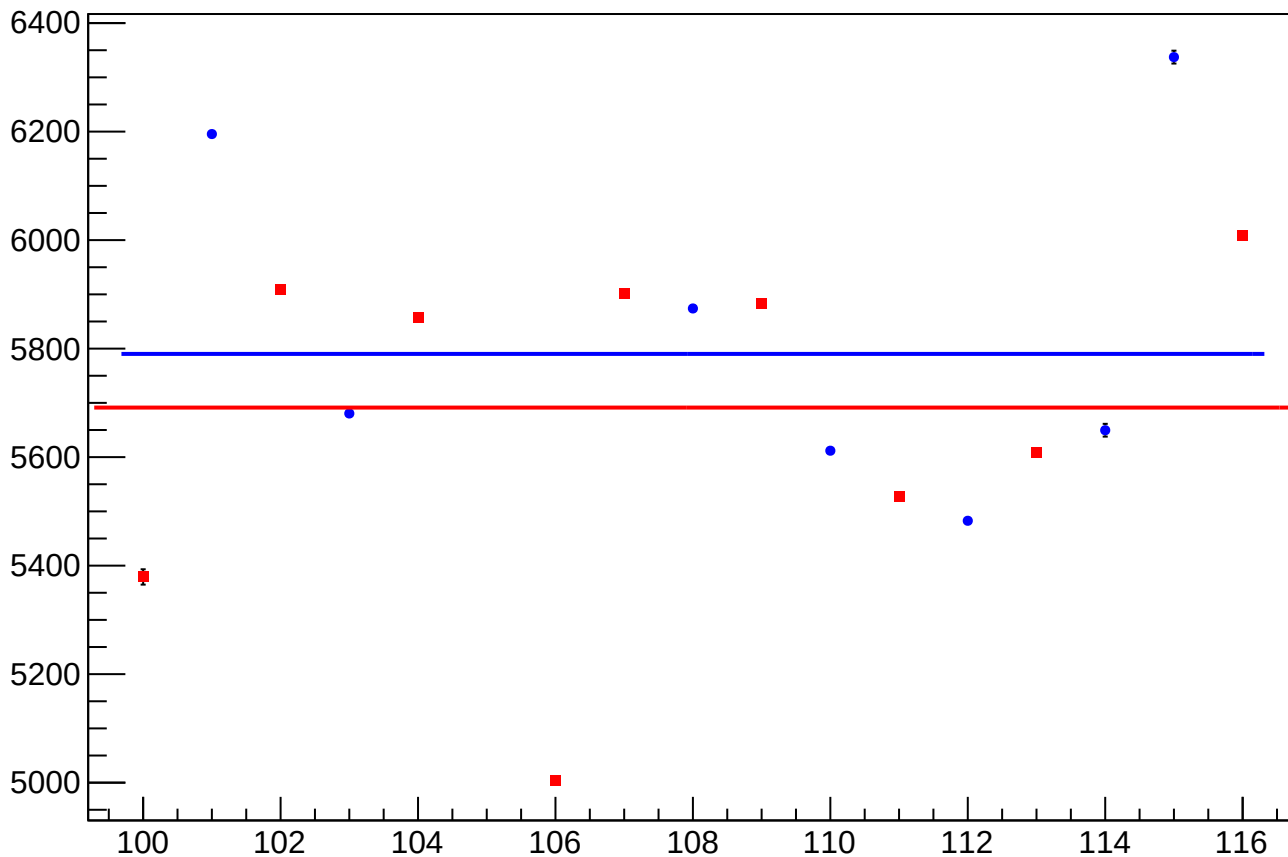
Right: -6.326+/-2.286 χ^2/NDF : 16.2/15

In: -5.451+/-3.474 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.326+/-2.286 χ^2/NDF : 16.2/15

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5790.248+/-2.457 χ^2/NDF : 12379.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5691.331+/-2.147 χ^2/NDF : 19425.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

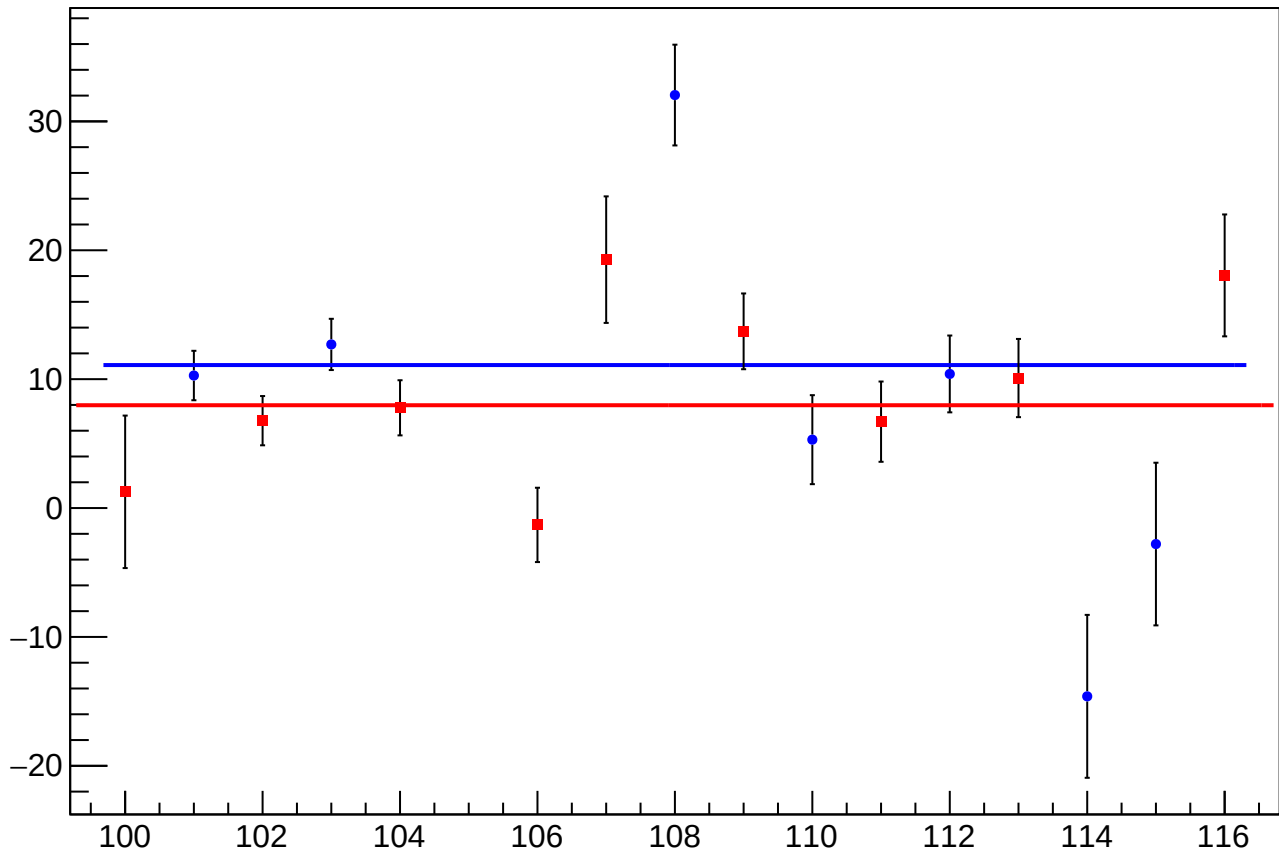
Right: 5734.157+/-1.617 χ^2/NDF : 32724.4/15

In: 5790.248+/-2.457 χ^2/NDF : 12379.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5734.157+/-1.617 χ^2/NDF : 32724.4/15

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 11.094+/-1.093 χ^2/NDF : 53.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.977+/-0.974 χ^2/NDF : 26.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

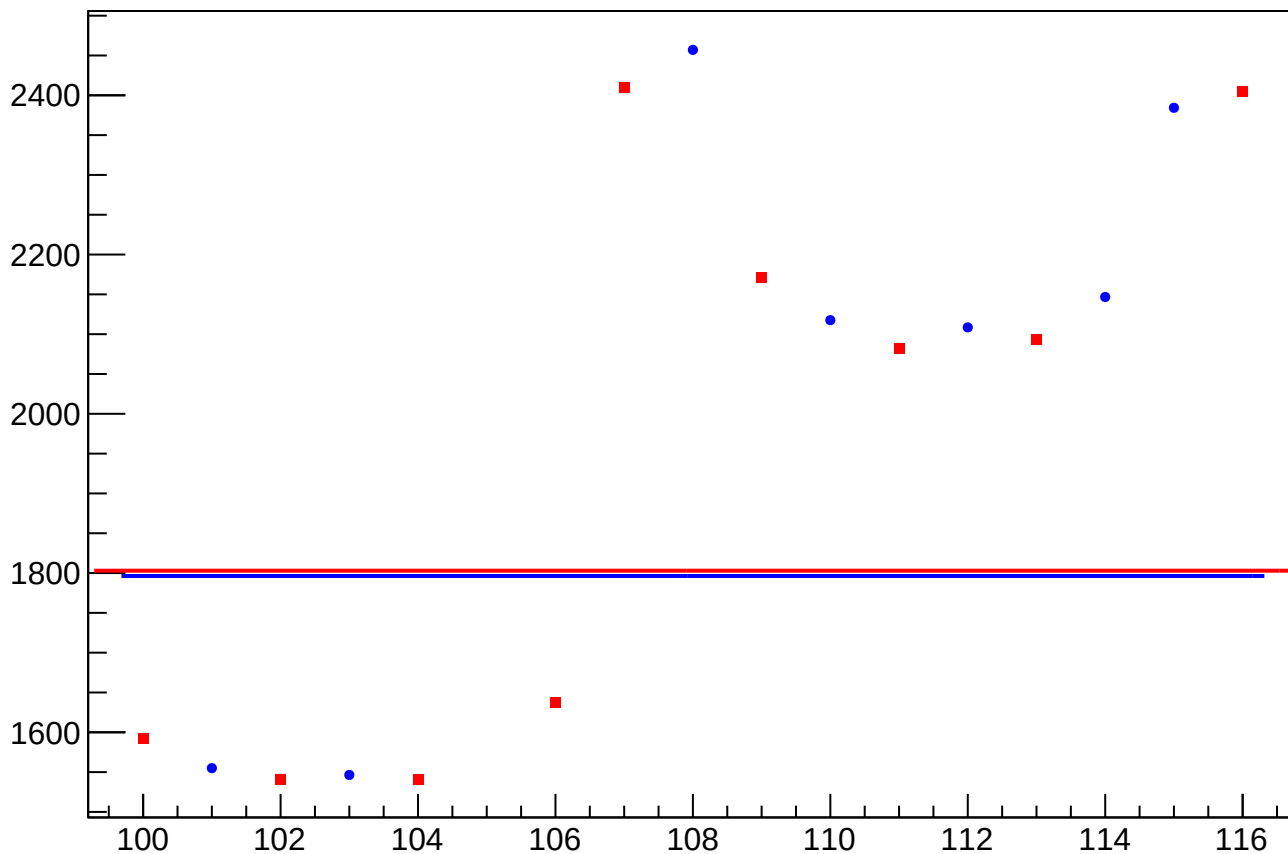
Right: 9.356+/-0.727 χ^2/NDF : 84.7/15

In: 11.094+/-1.093 χ^2/NDF : 53.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.356+/-0.727 χ^2/NDF : 84.7/15

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1796.317+/-0.773 χ^2/NDF : 183211.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1802.959+/-0.688 χ^2/NDF : 205632.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

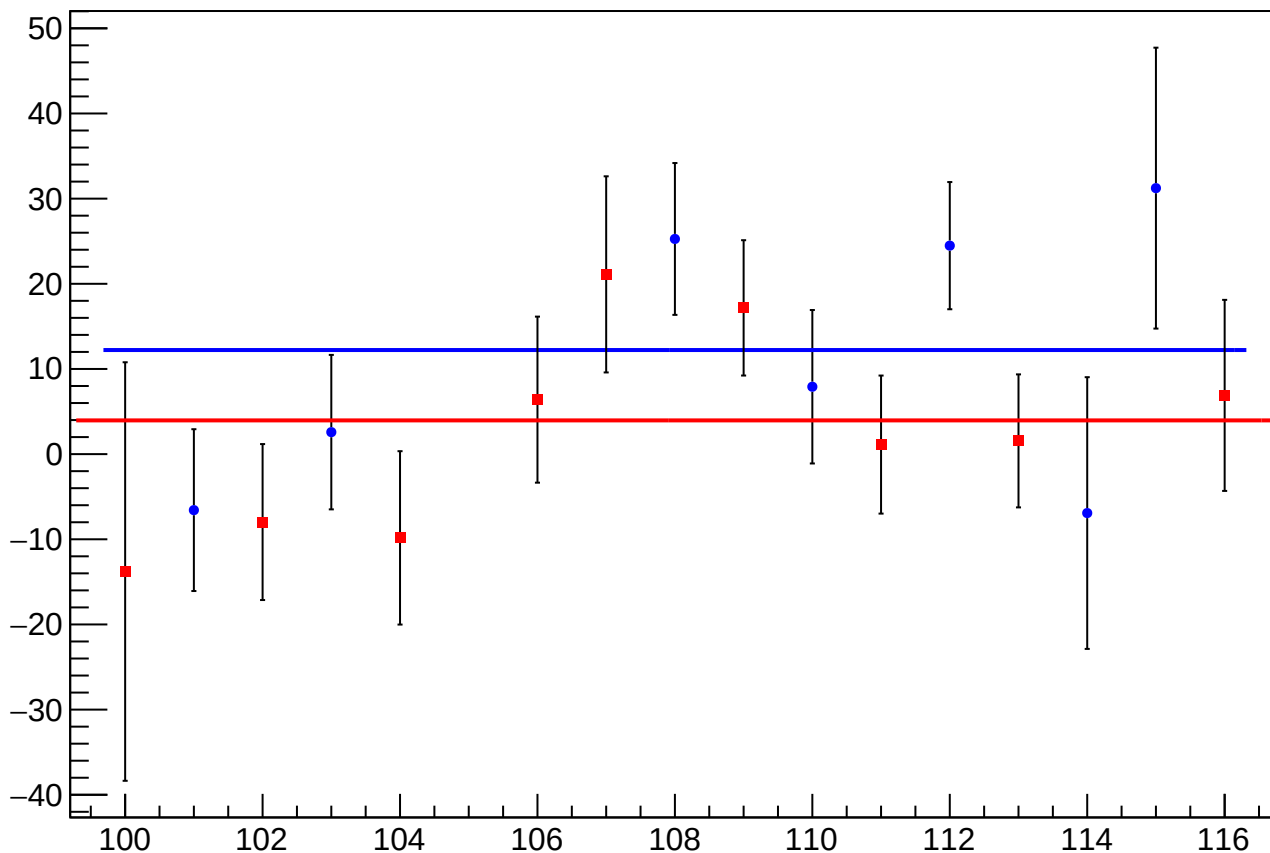
Right: 1800.020+/-0.514 χ^2/NDF : 388884.5/15

In: 1796.317+/-0.773 χ^2/NDF : 183211.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1800.020+/-0.514 χ^2/NDF : 388884.5/15

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 12.222 $\pm$ 3.684 χ^2 /NDF: 12.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.960 $\pm$ 3.216 χ^2 /NDF: 9.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

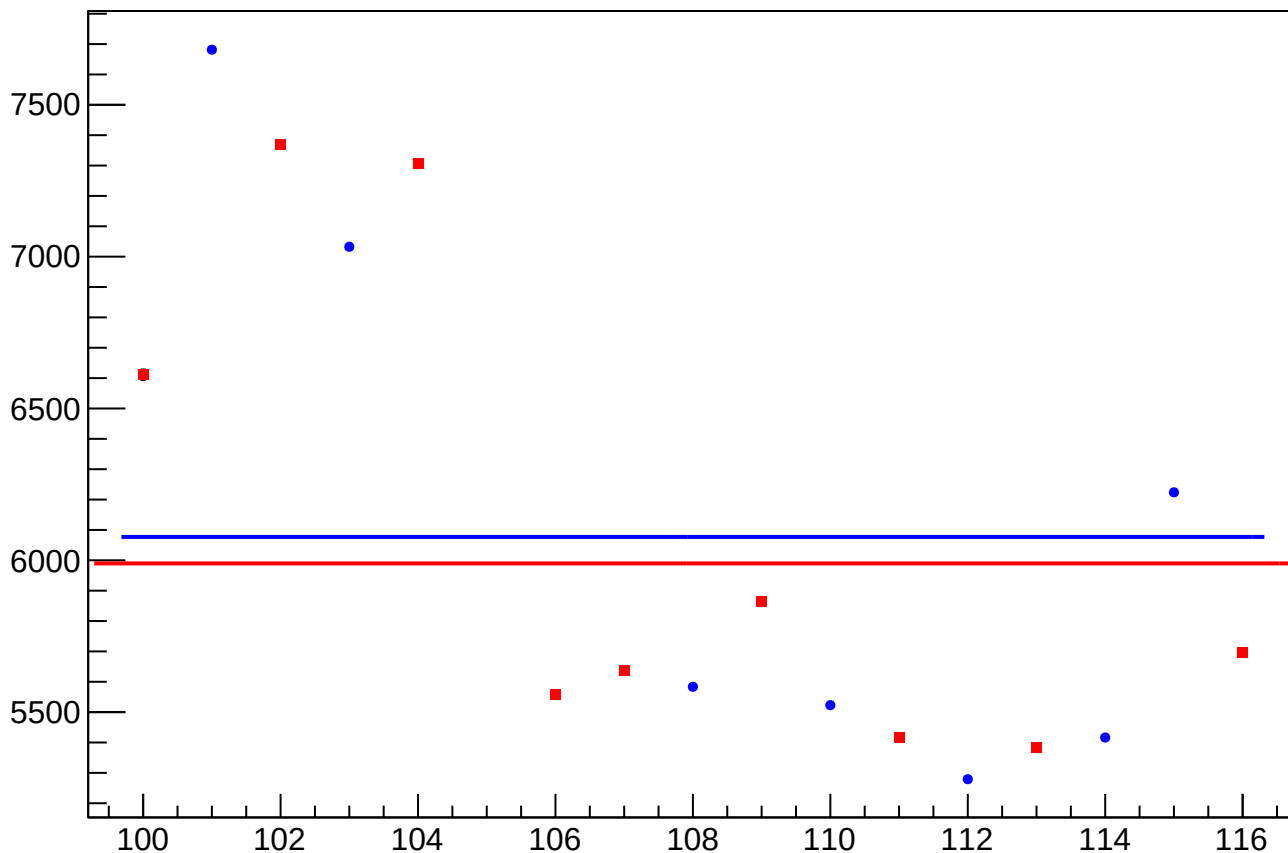
Right: 7.533 $\pm$ 2.423 χ^2 /NDF: 25.1/15

In: 12.222 $\pm$ 3.684 χ^2 /NDF:12.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.533 $\pm$ 2.423 χ^2 /NDF: 25.1/15

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6076.999+/-2.605 χ^2/NDF : 119358.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5989.793+/-2.274 χ^2/NDF : 109836.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

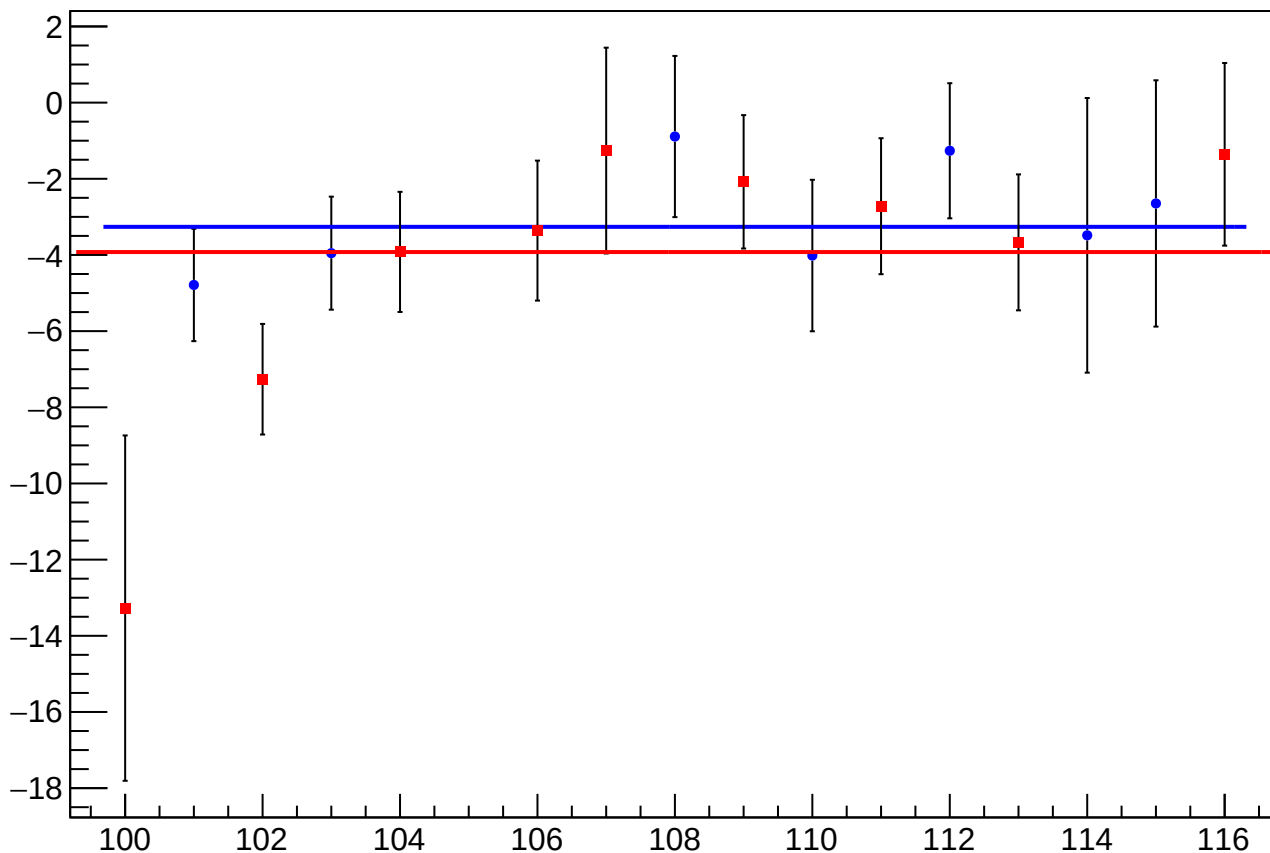
Right: 6027.503+/-1.713 χ^2/NDF : 229830.8/15

In: 6076.999+/-2.605 χ^2/NDF : 119358.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6027.503+/-1.713 χ^2/NDF : 229830.8/15

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.262+/-0.729 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.924+/-0.634 χ^2/NDF : 13.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

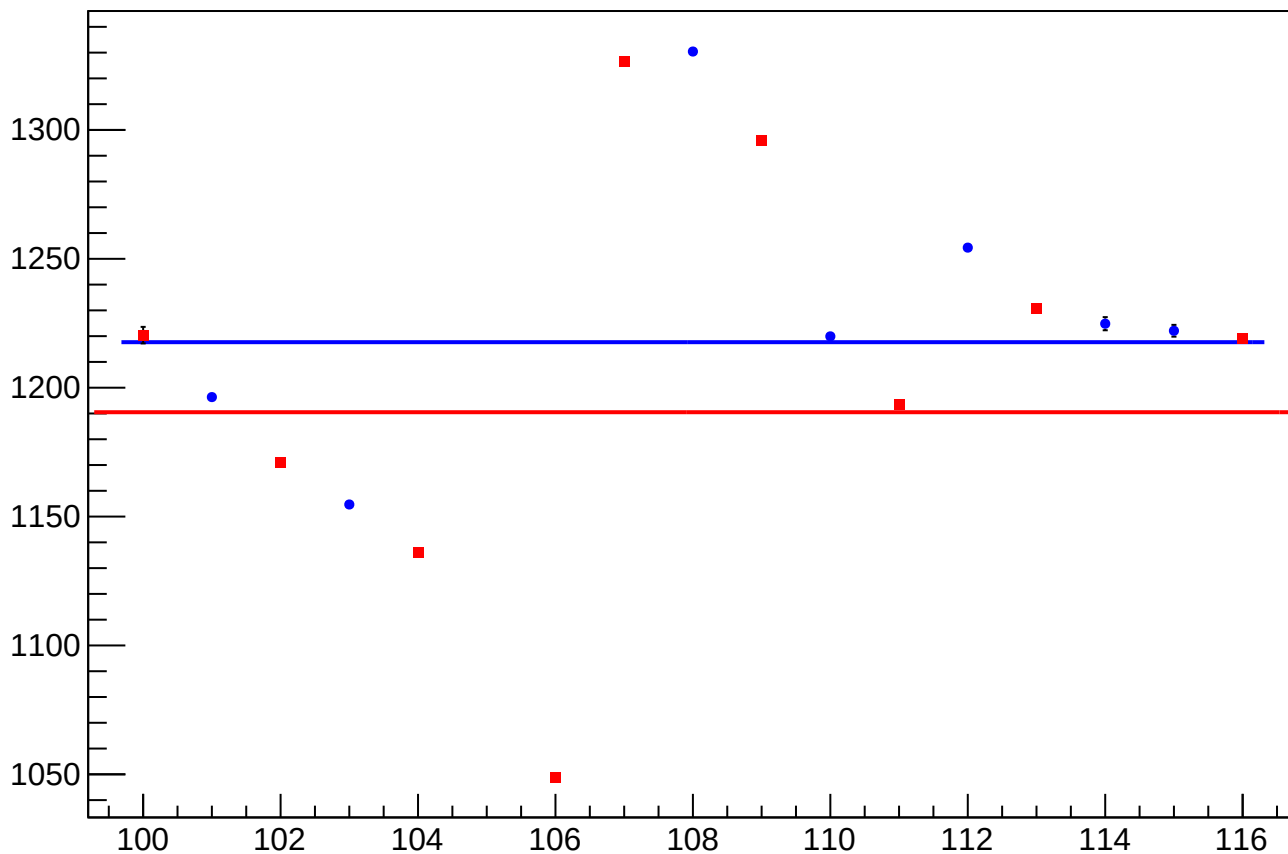
Right: -3.638+/-0.479 χ^2/NDF : 17.8/15

In: -3.262+/-0.729 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.638+/-0.479 χ^2/NDF : 17.8/15

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1217.660 $\pm$ 0.516 χ^2 /NDF: 10564.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1190.488 $\pm$ 0.449 χ^2 /NDF: 28391.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

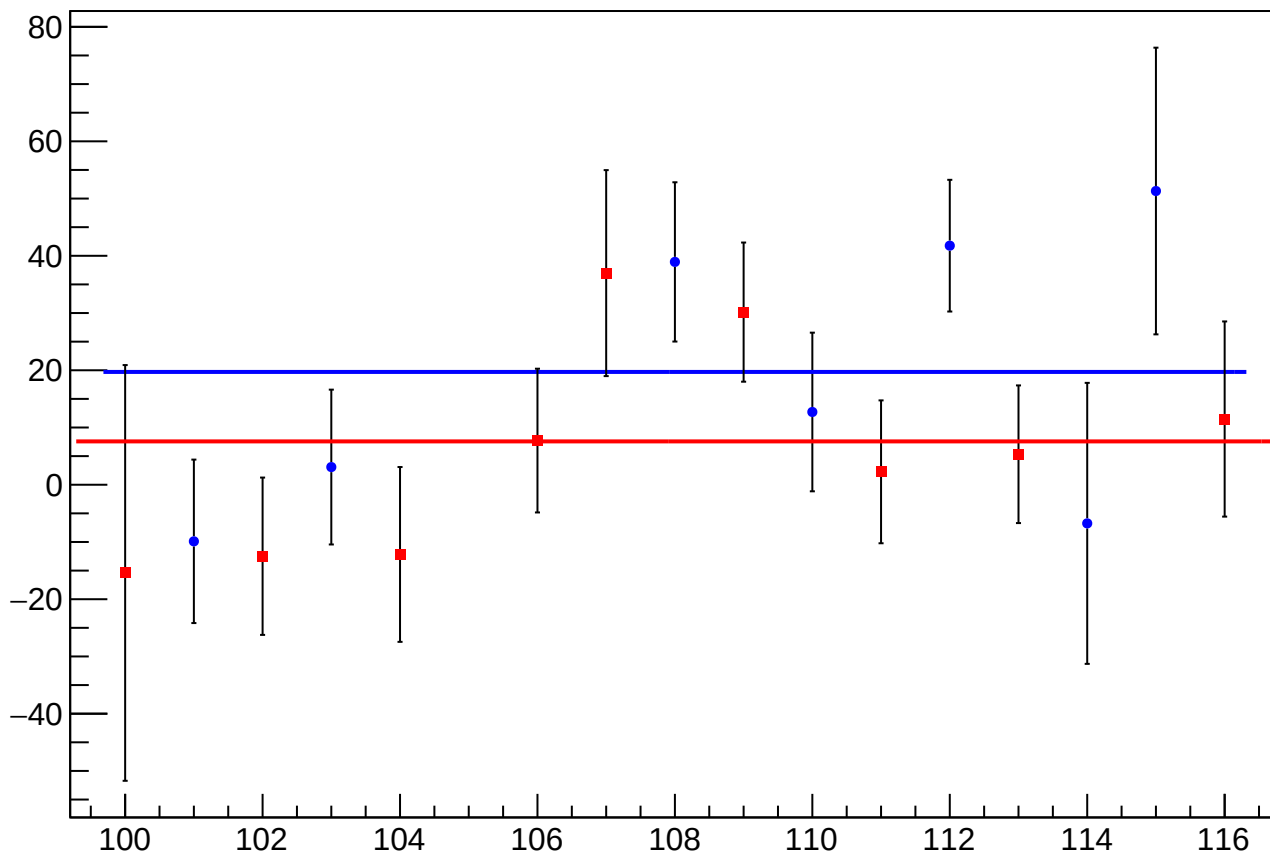
Right: 1202.190 $\pm$ 0.338 χ^2 /NDF: 40537.0/15

In: 1217.660 $\pm$ 0.516 χ^2 /NDF: 10564.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1202.190 $\pm$ 0.338 χ^2 /NDF: 40537.0/15

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 19.710+/-5.630 χ^2/NDF : 14.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.574+/-4.805 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

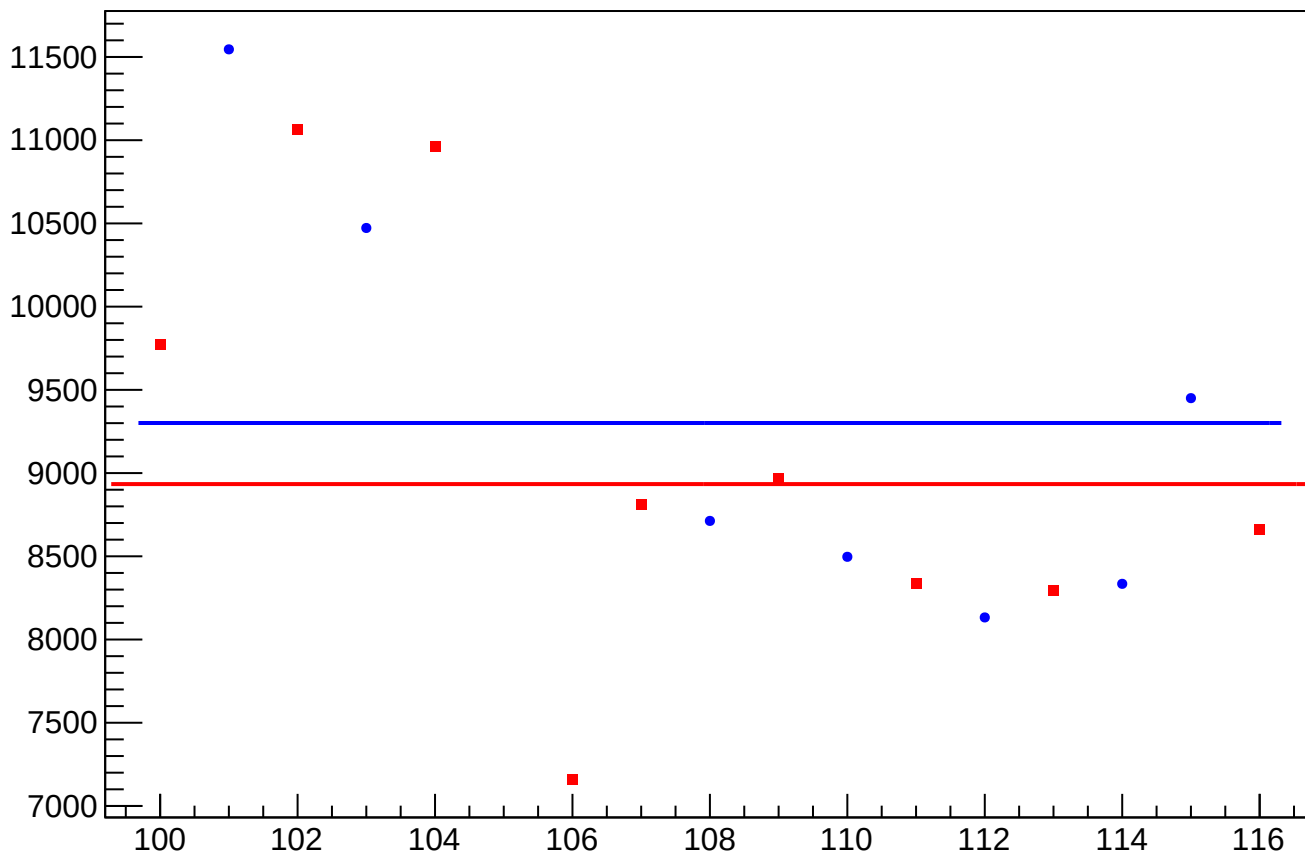
Right: 12.689+/-3.655 χ^2/NDF : 27.7/15

In: 19.710+/-5.630 χ^2/NDF : 14.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.689+/-3.655 χ^2/NDF : 27.7/15

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9300.933+/-3.981 χ^2/NDF : 98540.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8933.894+/-3.398 χ^2/NDF : 135011.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

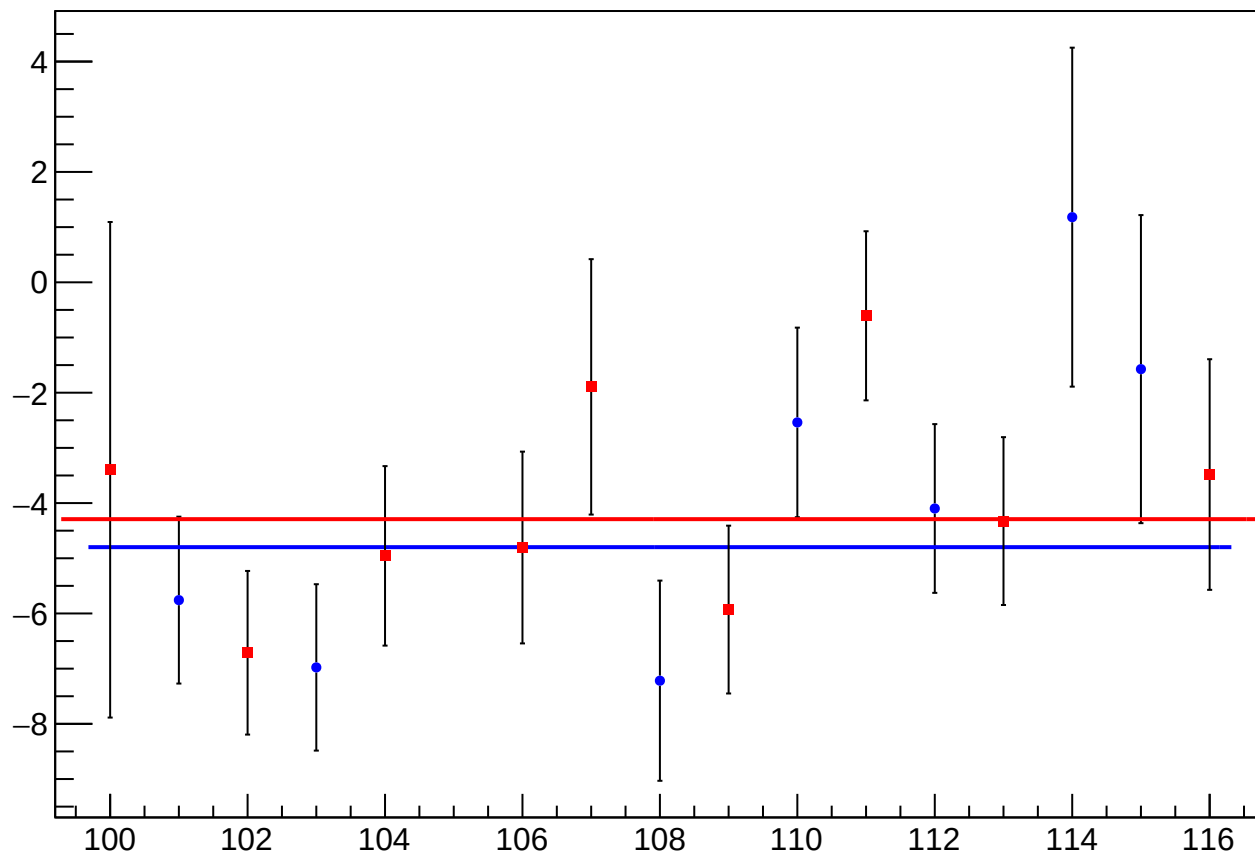
Right: 9088.592+/-2.584 χ^2/NDF : 238470.8/15

In: 9300.933+/-3.981 χ^2/NDF : 98540.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9088.592+/-2.584 χ^2/NDF : 238470.8/15

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -4.799+/-0.677 χ^2/NDF : 11.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.291+/-0.585 χ^2/NDF : 11.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

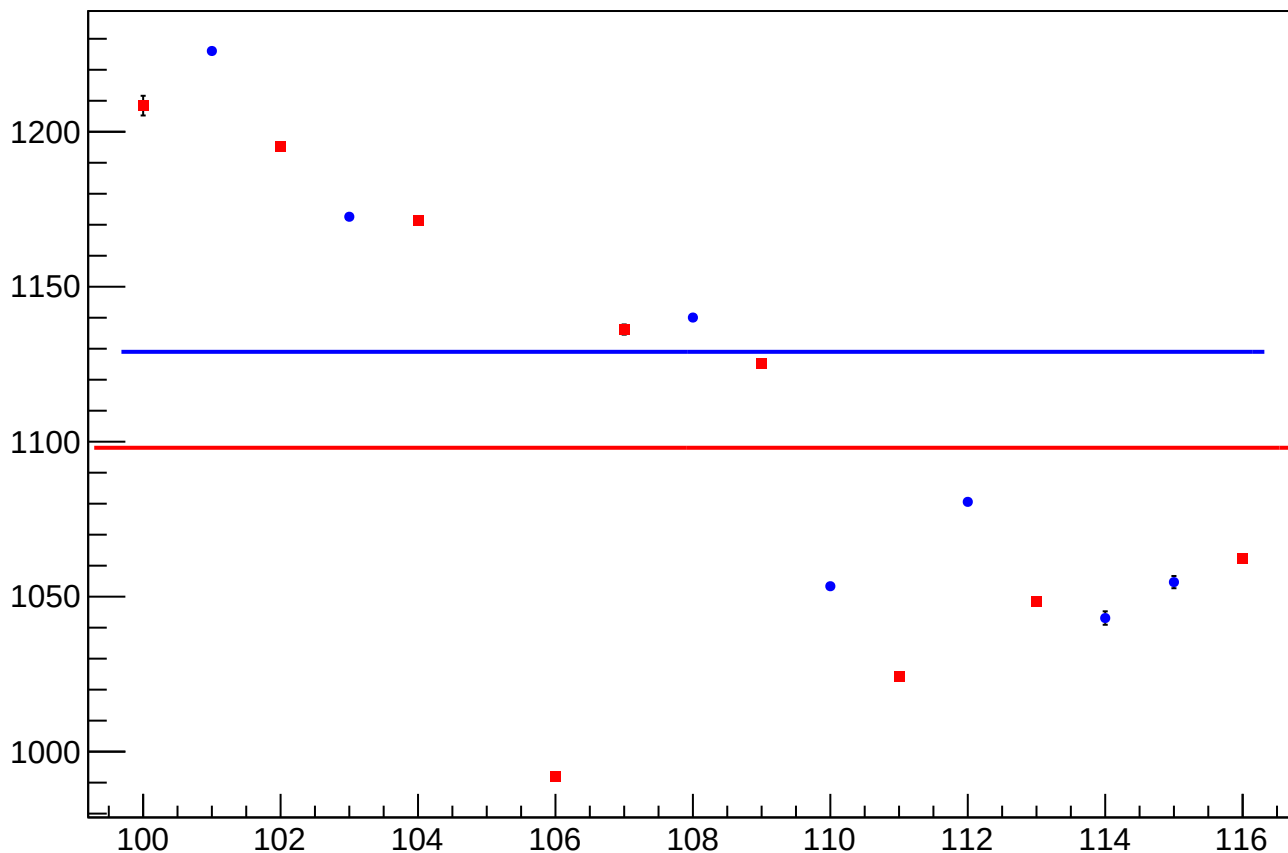
Right: -4.508+/-0.443 χ^2/NDF : 22.8/15

In: -4.799+/-0.677 χ^2/NDF : 11.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.508+/-0.443 χ^2/NDF : 22.8/15

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1128.998 $\pm$ 0.479 χ^2 /NDF: 18856.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1098.041 $\pm$ 0.414 χ^2 /NDF: 29896.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

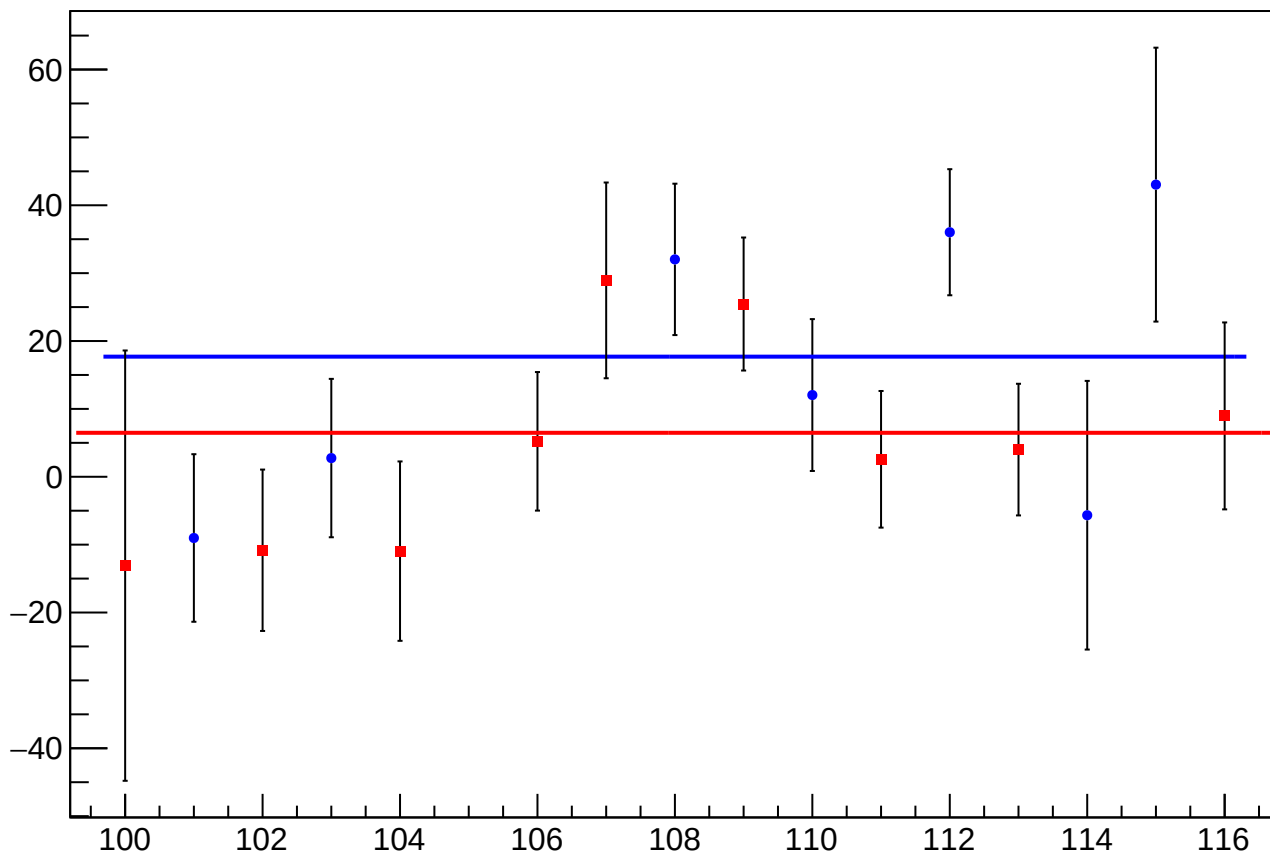
Right: 1111.282 $\pm$ 0.313 χ^2 /NDF: 51147.3/15

In: 1128.998 $\pm$ 0.479 χ^2 /NDF: 18856.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1111.282 $\pm$ 0.313 χ^2 /NDF: 51147.3/15

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 17.698+/-4.635 χ^2/NDF : 15.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.479+/-3.941 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

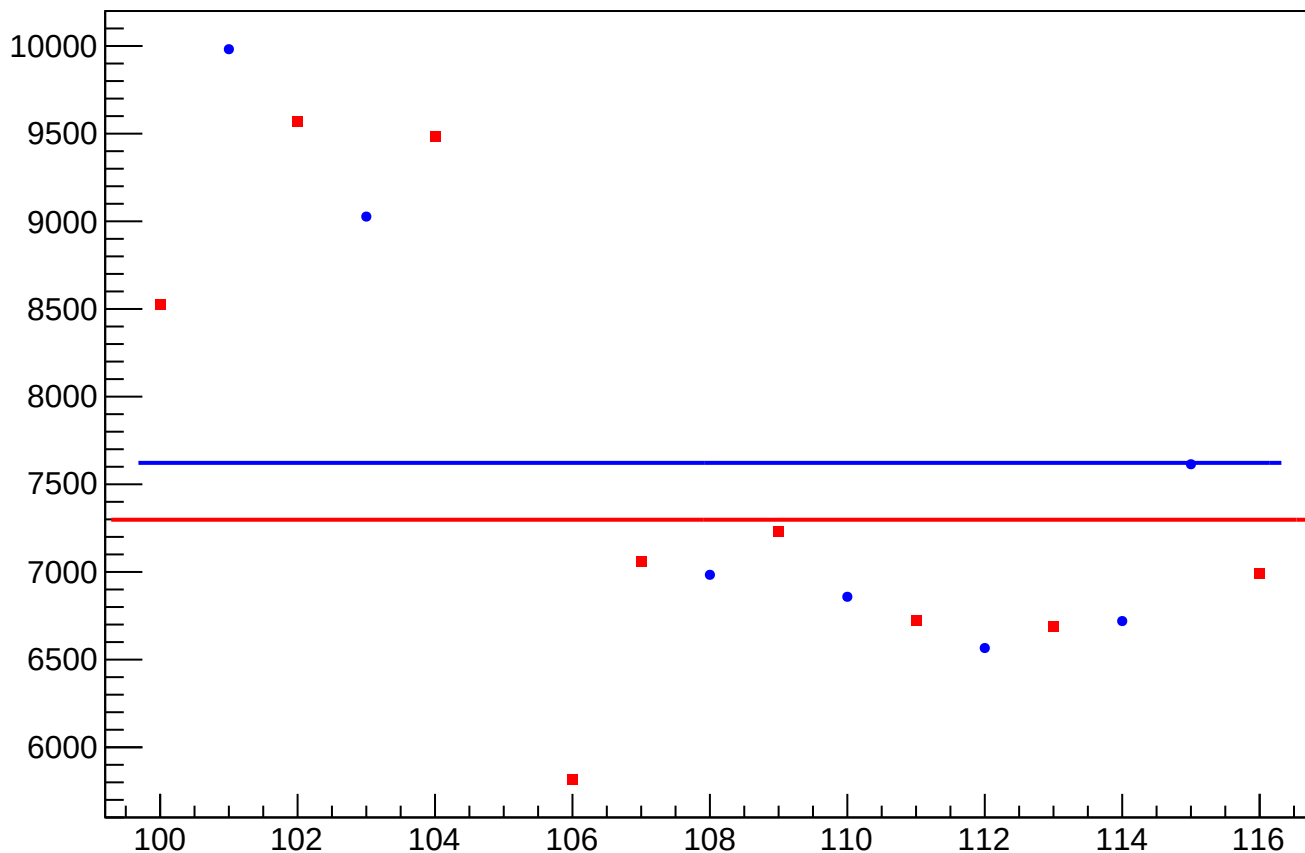
Right: 11.186+/-3.002 χ^2/NDF : 29.2/15

In: 17.698+/-4.635 χ^2/NDF : 15.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.186+/-3.002 χ^2/NDF : 29.2/15

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7622.282+/-3.278 χ^2/NDF : 147948.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7297.843+/-2.786 χ^2/NDF : 188934.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

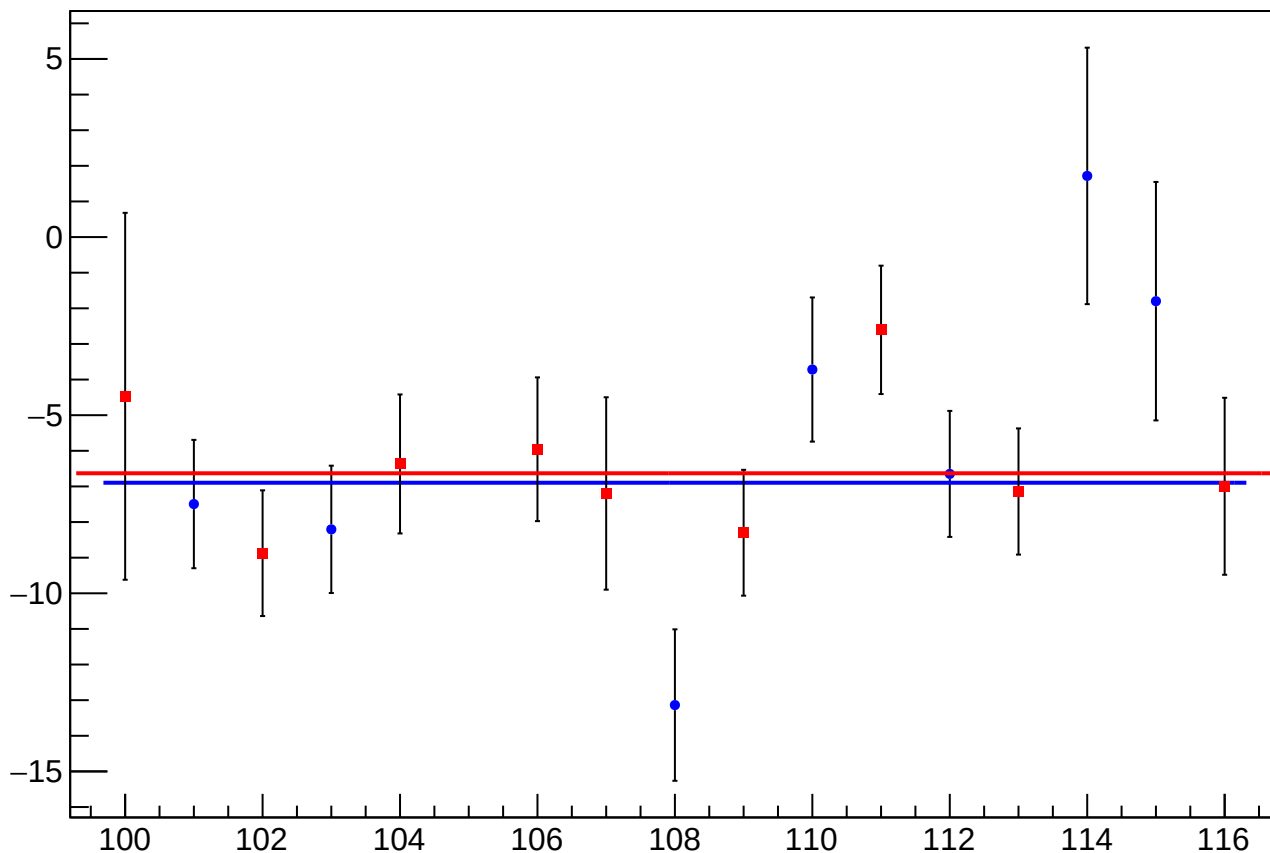
Right: 7433.953+/-2.123 χ^2/NDF : 342570.4/15

In: 7622.282+/-3.278 χ^2/NDF : 147948.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7433.953+/-2.123 χ^2/NDF : 342570.4/15

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -6.896+/-0.797 χ^2/NDF : 19.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.631+/-0.688 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

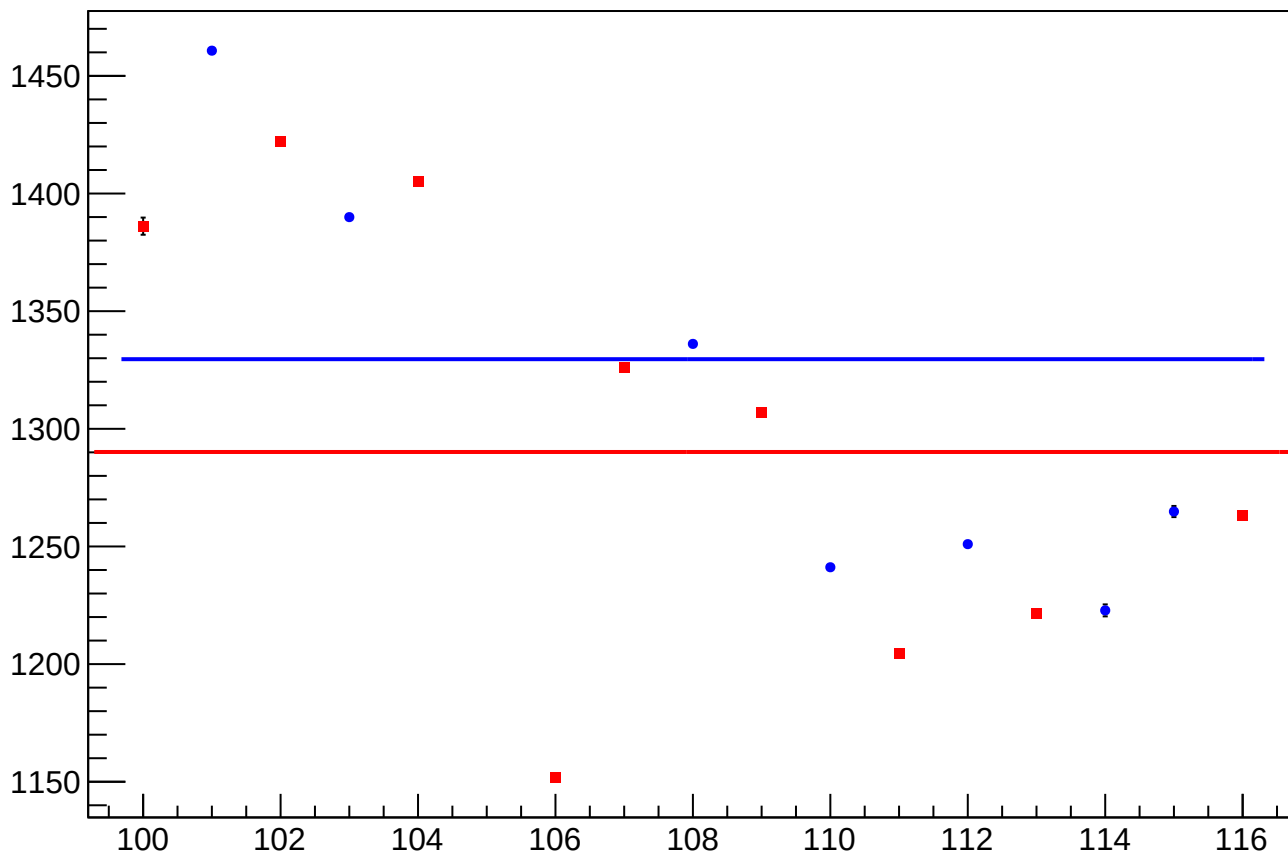
Right: -6.744+/-0.521 χ^2/NDF : 27.8/15

In: -6.896+/-0.797 χ^2/NDF : 19.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.744+/-0.521 χ^2/NDF : 27.8/15

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1329.595+/-0.564 χ^2/NDF : 23174.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1290.156+/-0.486 χ^2/NDF : 36516.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

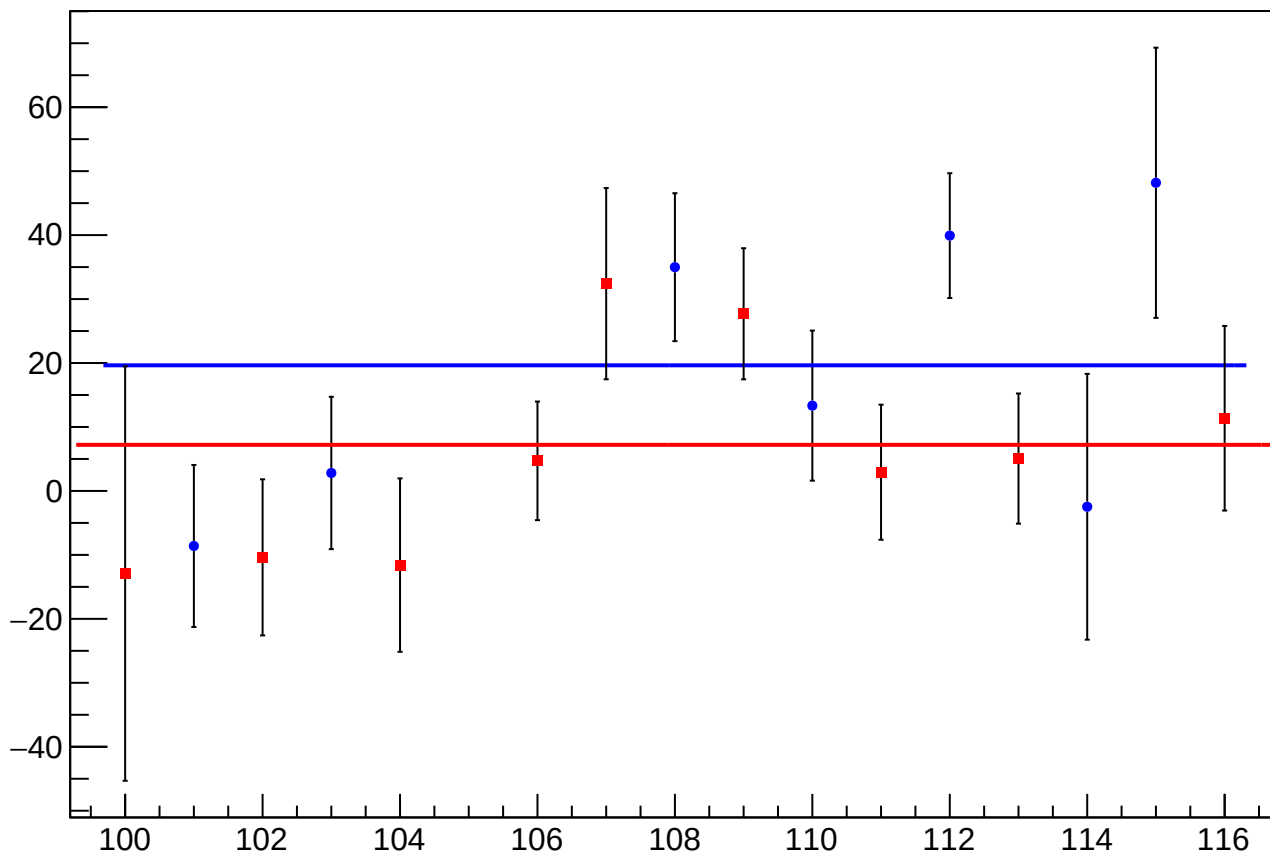
Right: 1306.981+/-0.368 χ^2/NDF : 62495.8/15

In: 1329.595+/-0.564 χ^2/NDF : 23174.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.981+/-0.368 χ^2/NDF : 62495.8/15

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 19.640+/-4.817 χ^2/NDF : 16.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.208+/-4.011 χ^2/NDF : 11.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

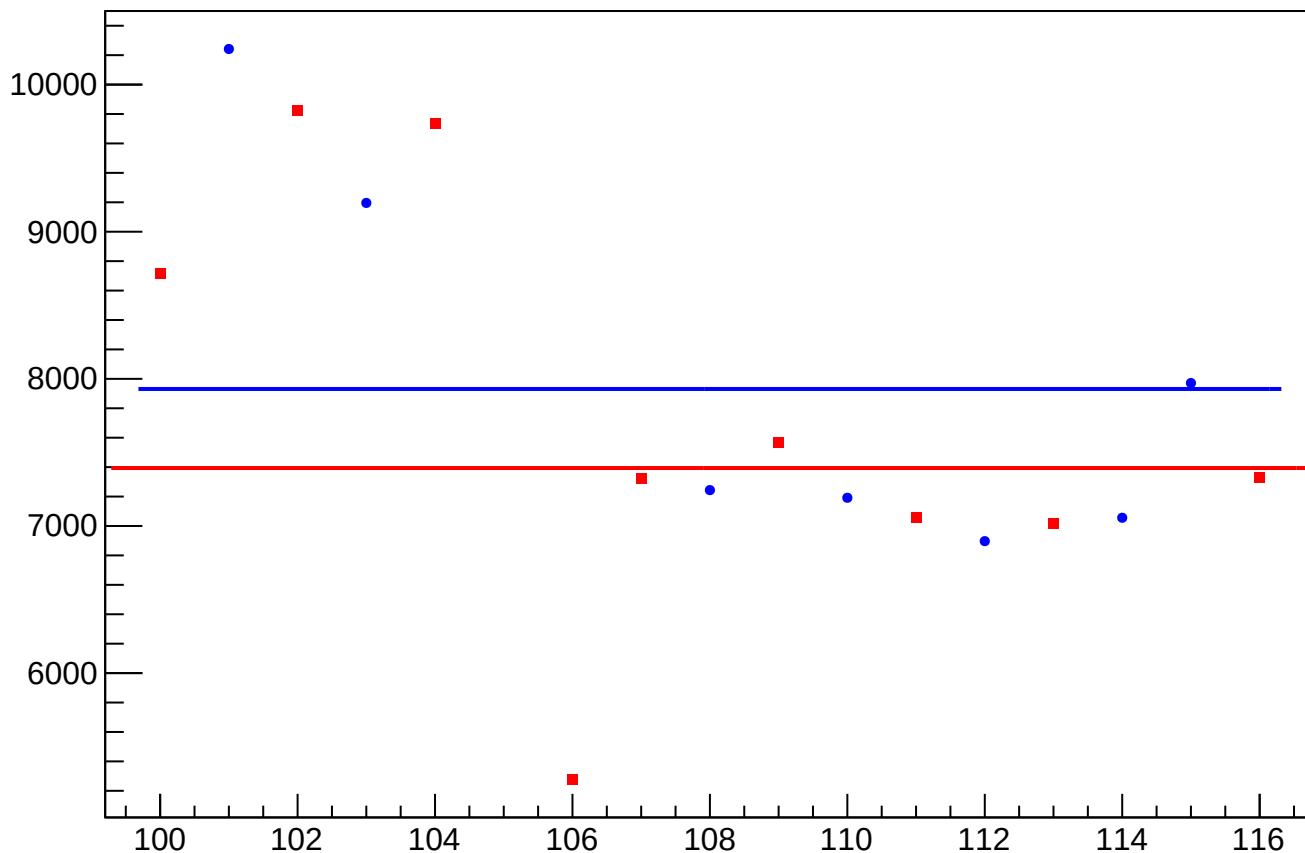
Right: 12.298+/-3.083 χ^2/NDF : 31.8/15

In: 19.640+/-4.817 χ^2/NDF : 16.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.298+/-3.083 χ^2/NDF : 31.8/15

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7931.242+/-3.406 χ^2/NDF : 130163.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7393.904+/-2.837 χ^2/NDF : 251999.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

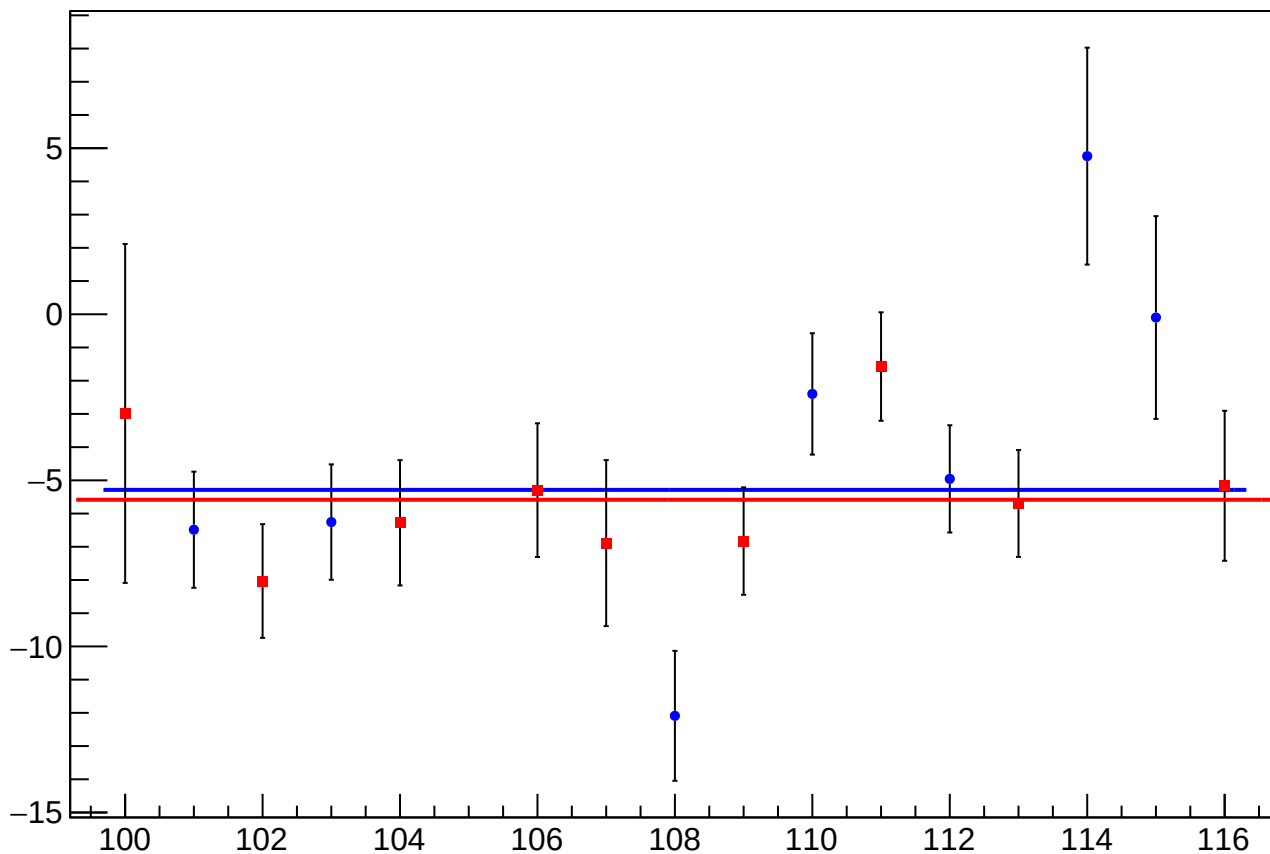
Right: 7613.930+/-2.180 χ^2/NDF : 396856.9/15

In: 7931.242+/-3.406 χ^2/NDF : 130163.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7613.930+/-2.180 χ^2/NDF : 396856.9/15

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.287 $\pm$ 0.744 χ^2 /NDF: 27.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.584 $\pm$ 0.645 χ^2 /NDF: 9.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

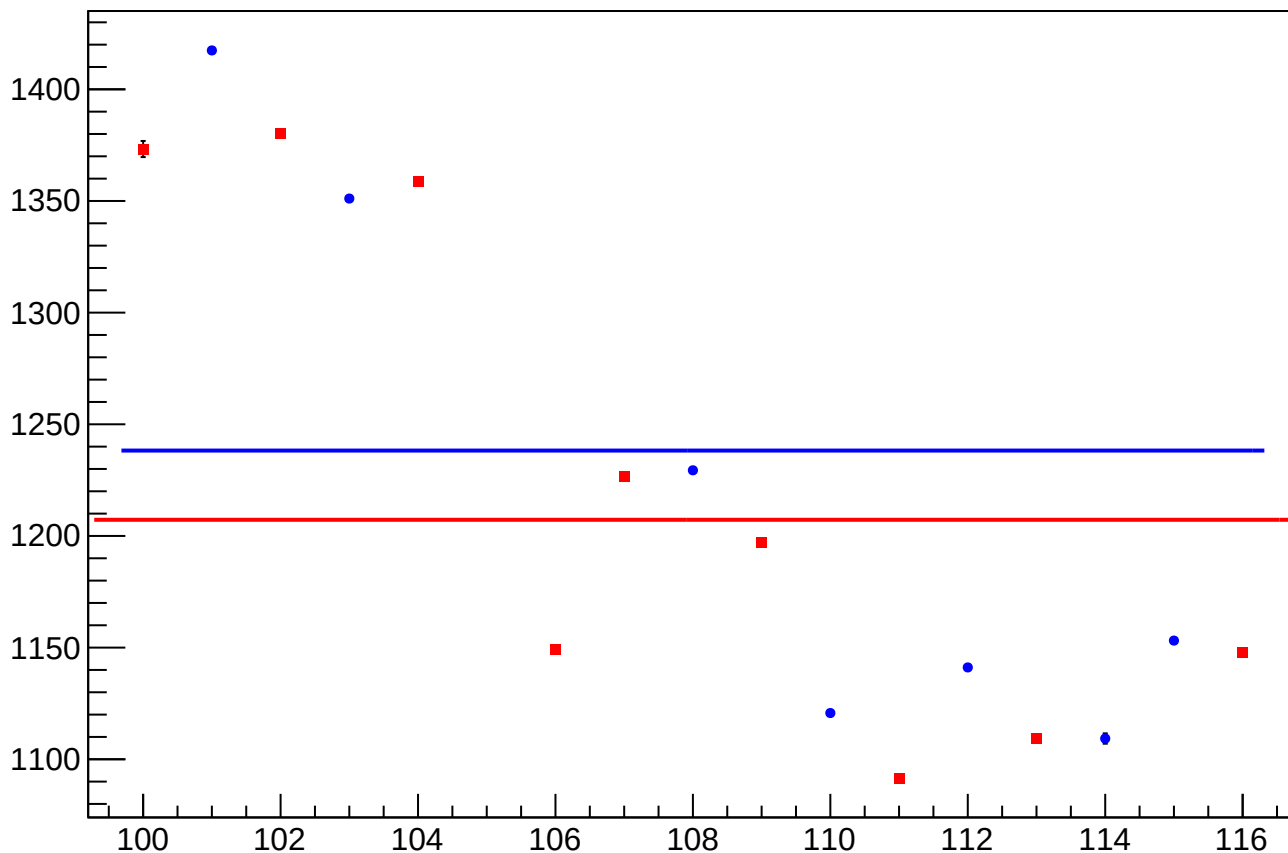
Right: -5.457 $\pm$ 0.487 χ^2 /NDF: 37.3/15

In: -5.287 $\pm$ 0.744 χ^2 /NDF:27.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.457 $\pm$ 0.487 χ^2 /NDF: 37.3/15

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1238.236+/-0.526 χ^2/NDF : 49685.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1207.239+/-0.456 χ^2/NDF : 56141.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

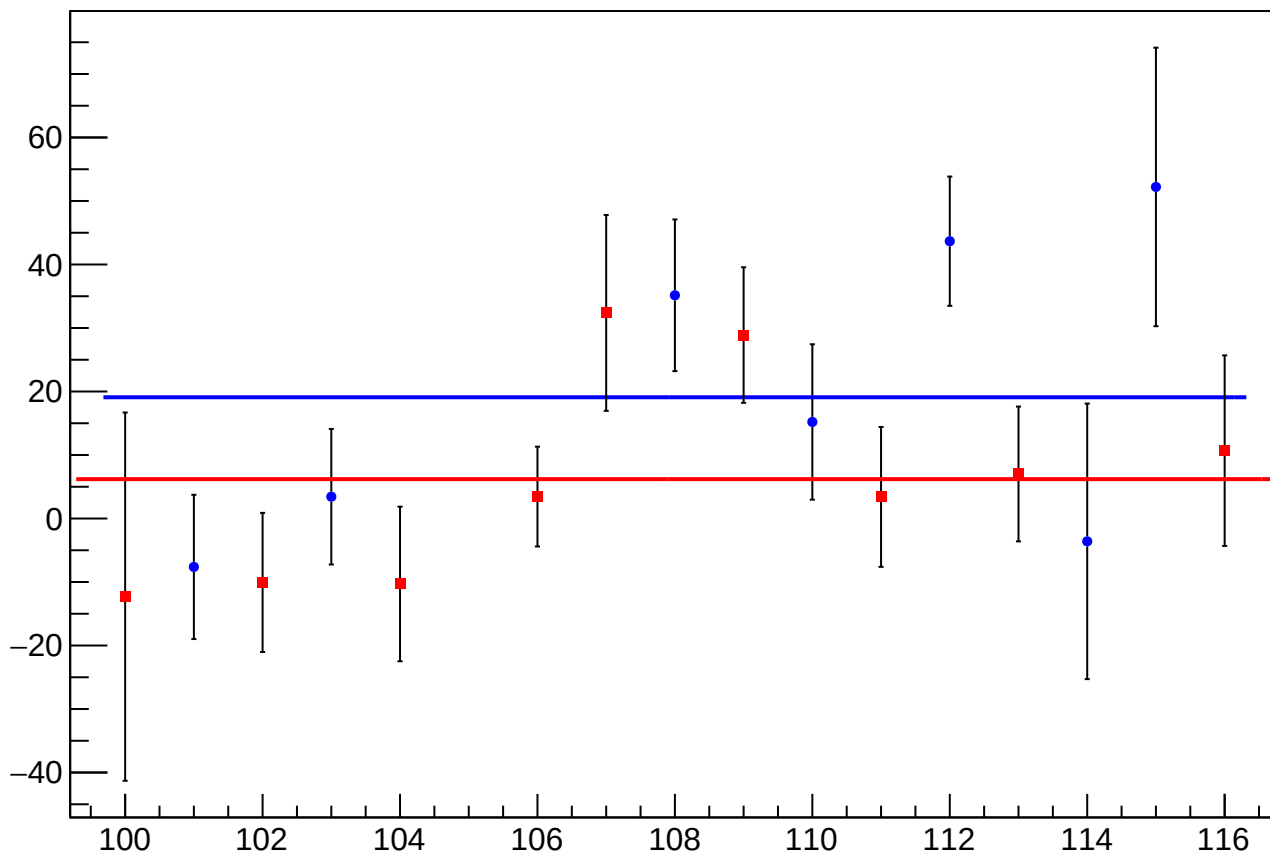
Right: 1220.521+/-0.345 χ^2/NDF : 107808.7/15

In: 1238.236+/-0.526 χ^2/NDF : 49685.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1220.521+/-0.345 χ^2/NDF : 107808.7/15

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 19.092 $\pm$ 4.763 χ^2 /NDF: 18.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.197 $\pm$ 3.863 χ^2 /NDF: 12.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

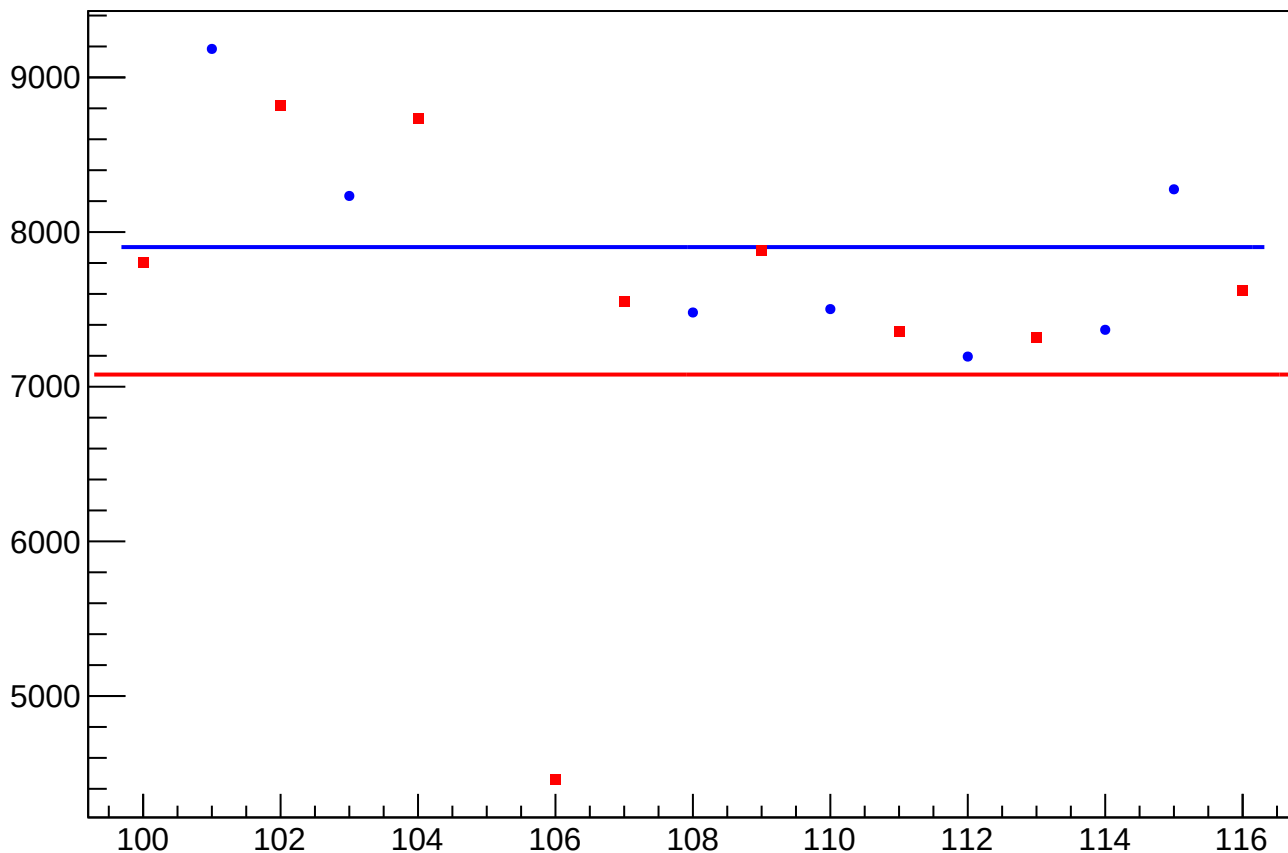
Right: 11.314 $\pm$ 3.000 χ^2 /NDF: 35.4/15

In: 19.092 $\pm$ 4.763 χ^2 /NDF: 18.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.314 $\pm$ 3.000 χ^2 /NDF: 35.4/15

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7902.862 $\pm$ 3.368 χ^2 /NDF: 43512.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7078.642 $\pm$ 2.732 χ^2 /NDF: 329289.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

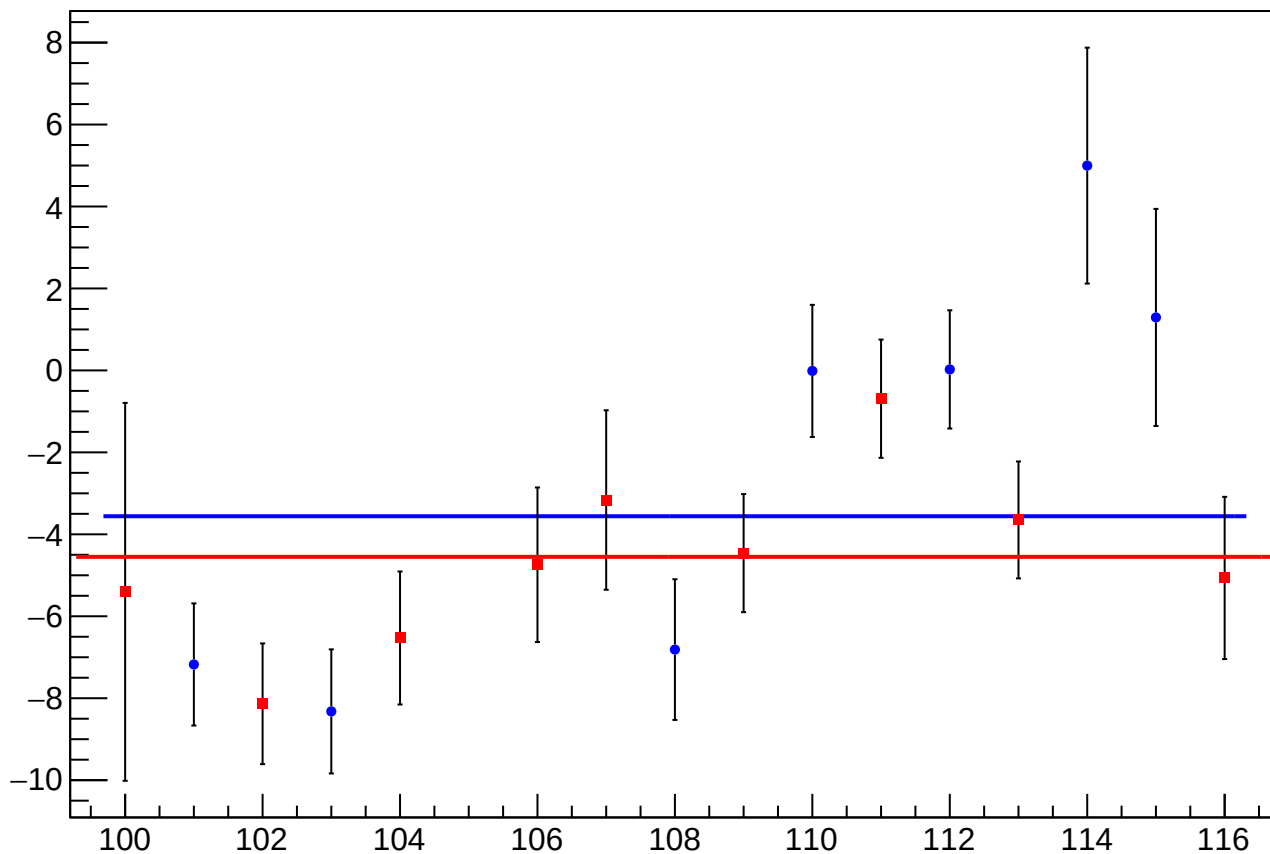
Right: 7405.729 $\pm$ 2.122 χ^2 /NDF: 408927.5/15

In: 7902.862 $\pm$ 3.368 χ^2 /NDF:43512.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7405.729 $\pm$ 2.122 χ^2 /NDF: 408927.5/15

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.559 ± 0.652 χ^2/NDF : 42.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.550 ± 0.569 χ^2/NDF : 15.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

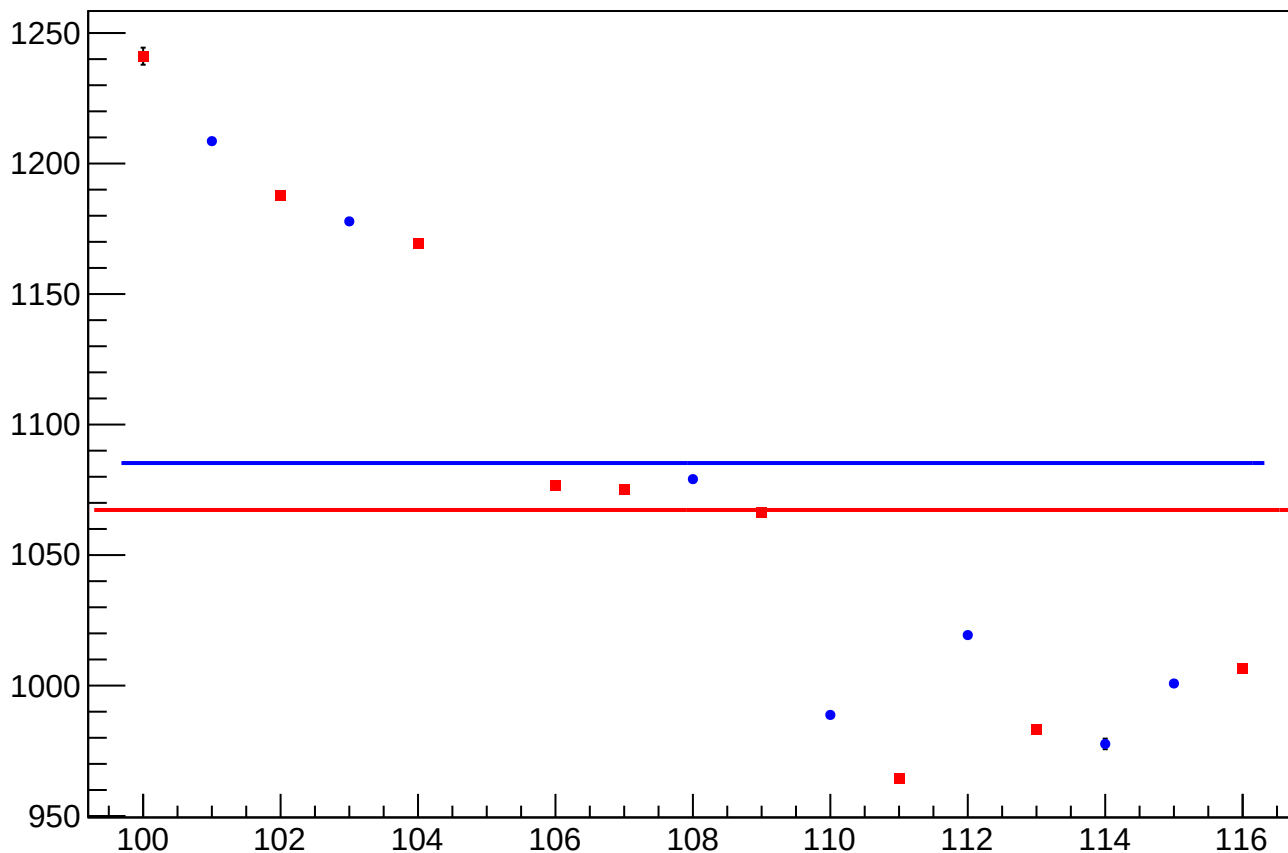
Right: -4.121 ± 0.429 χ^2/NDF : 59.4/15

In: -3.559 ± 0.652 χ^2/NDF : 42.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.121 ± 0.429 χ^2/NDF : 59.4/15

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1085.258+/-0.461 χ^2/NDF : 37369.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.279+/-0.403 χ^2/NDF : 43149.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

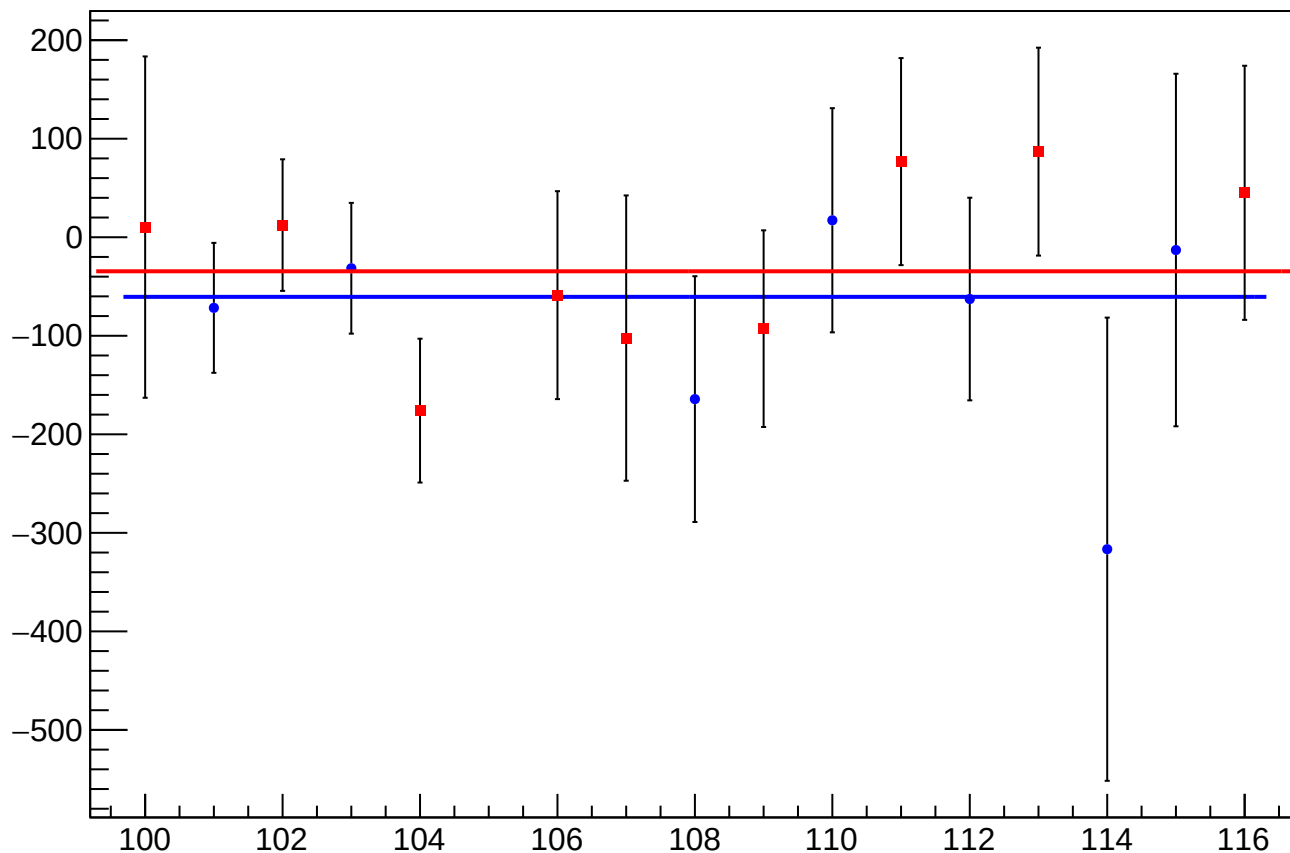
Right: 1075.060+/-0.303 χ^2/NDF : 81382.2/15

In: 1085.258+/-0.461 χ^2/NDF : 37369.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1075.060+/-0.303 χ^2/NDF : 81382.2/15

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -60.502 $\pm$ 36.699 χ^2 /NDF: 2.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.549 $\pm$ 32.899 χ^2 /NDF: 7.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

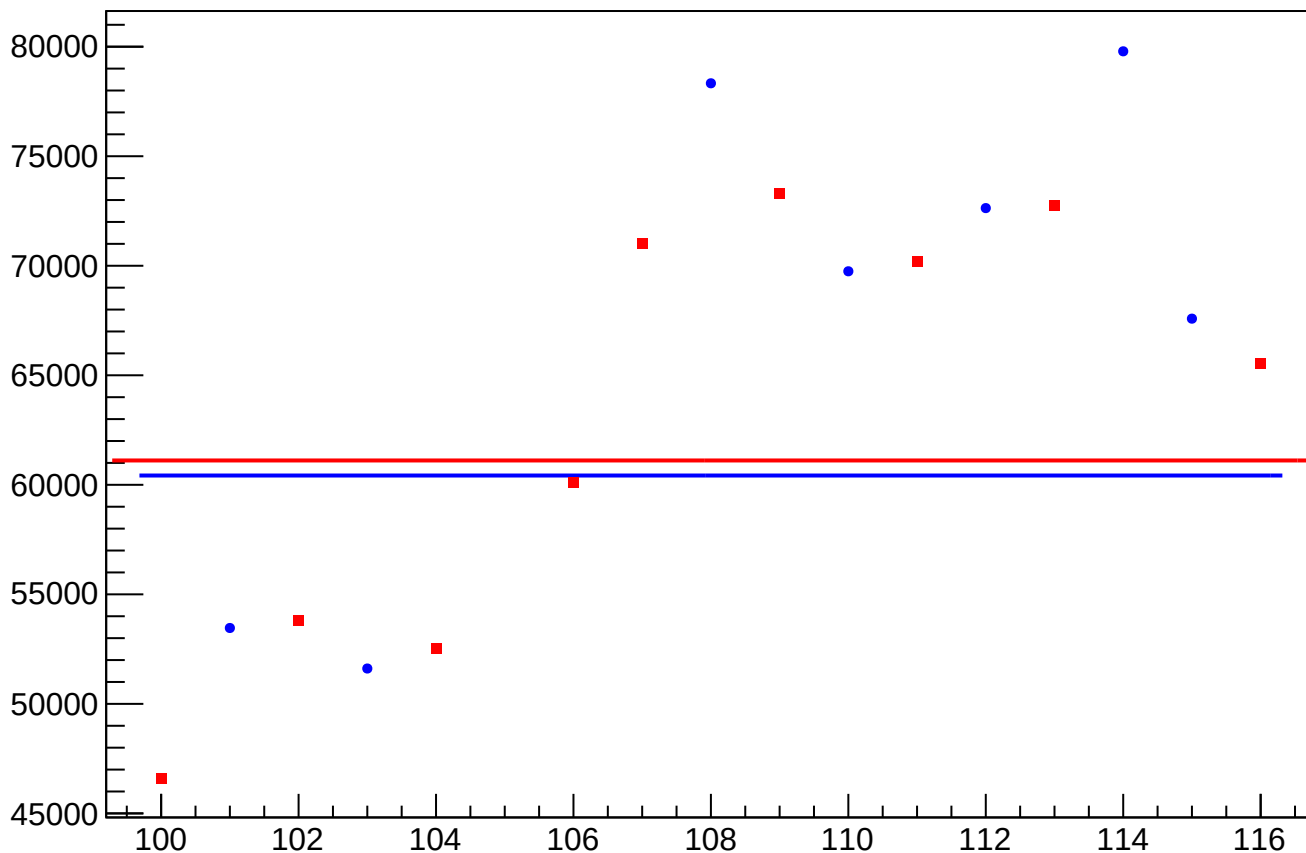
Right: -46.113 $\pm$ 24.497 χ^2 /NDF: 10.7/15

In: -60.502 $\pm$ 36.699 χ^2 /NDF: 2.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.113 $\pm$ 24.497 χ^2 /NDF: 10.7/15

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 60424.443+/-25.950 χ^2/NDF : 157169.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61111.450+/-23.263 χ^2/NDF : 146934.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

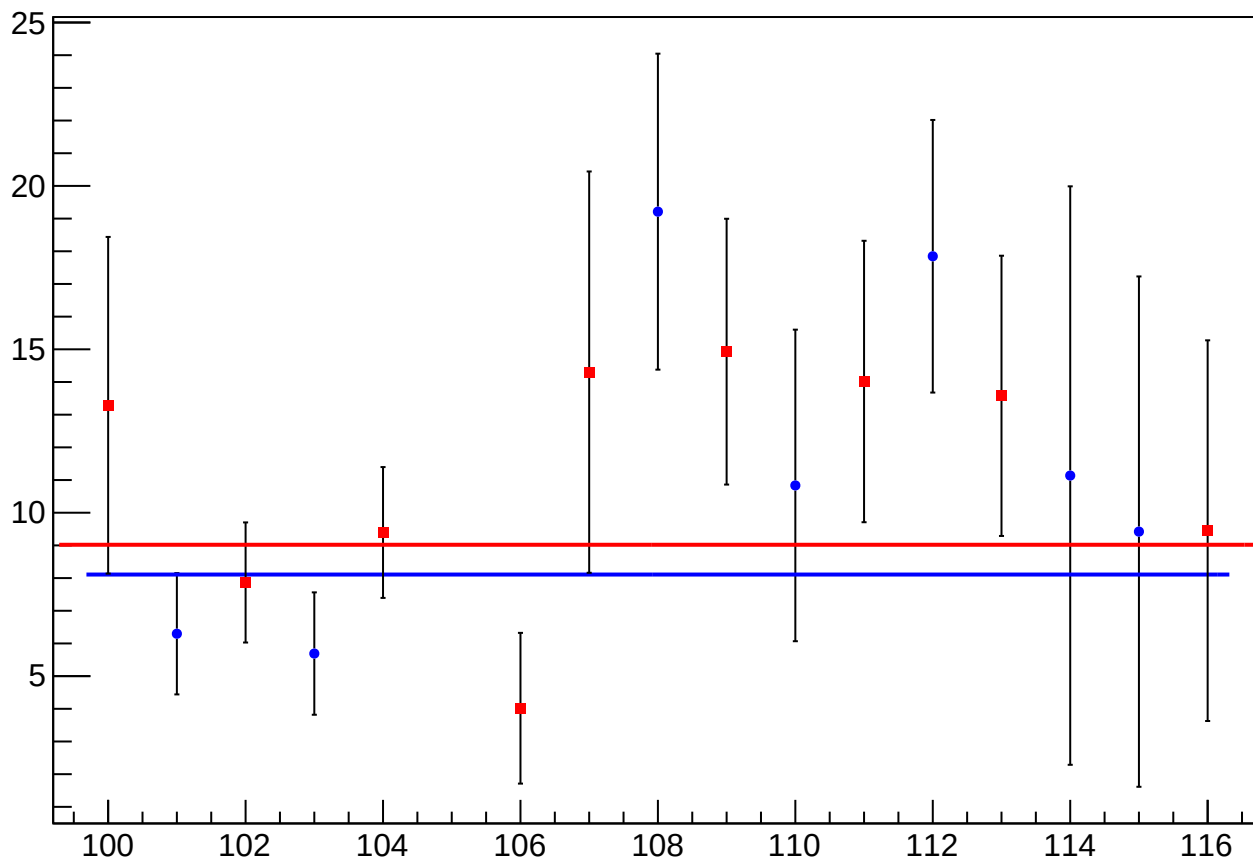
Right: 60805.343+/-17.322 χ^2/NDF : 304492.0/15

In: 60424.443+/-25.950 χ^2/NDF : 157169.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60805.343+/-17.322 χ^2/NDF : 304492.0/15

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 8.108+/-1.156 χ^2/NDF : 13.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.019+/-1.002 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

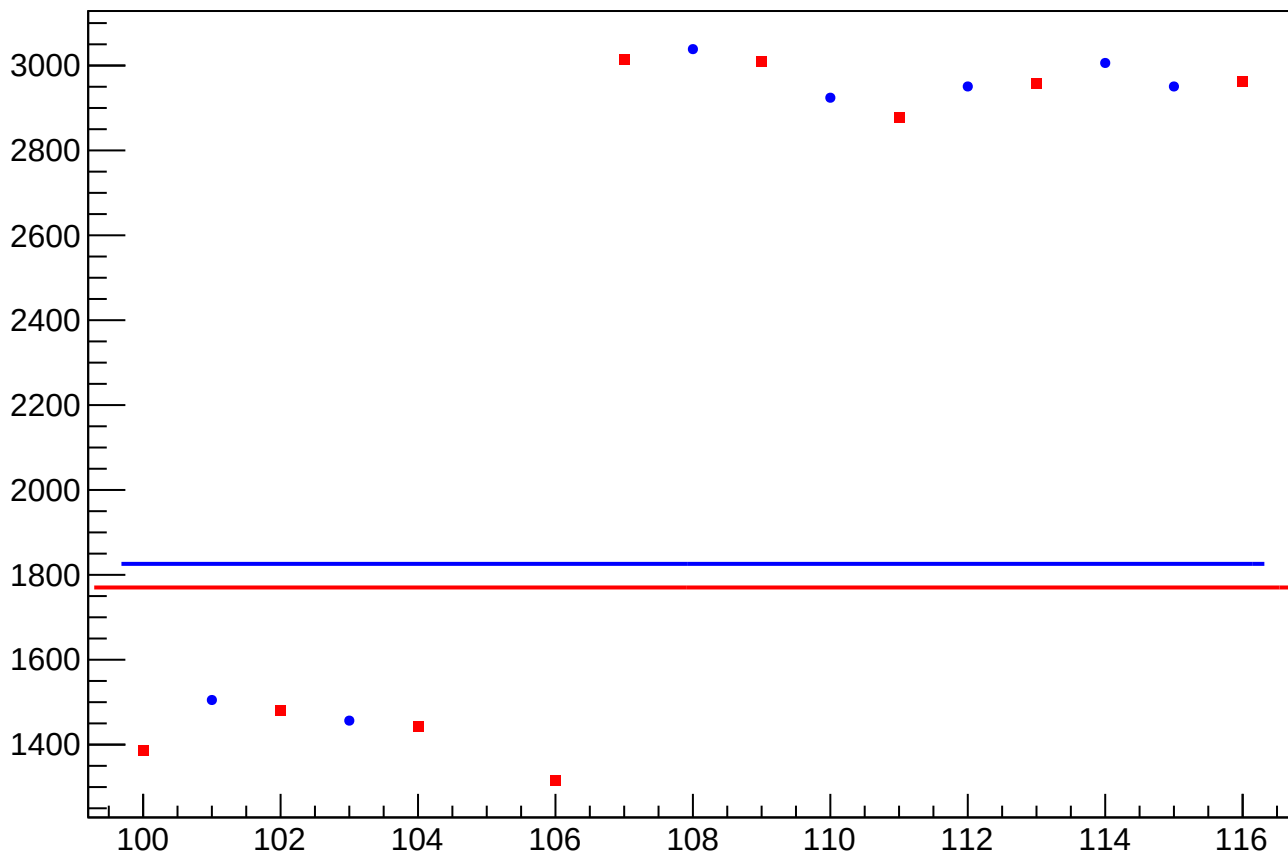
Right: 8.629+/-0.757 χ^2/NDF : 25.3/15

In: 8.108+/-1.156 χ^2/NDF : 13.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.629+/-0.757 χ^2/NDF : 25.3/15

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1825.882+/-0.817 χ^2/NDF : 592120.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.235+/-0.708 χ^2/NDF : 829051.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

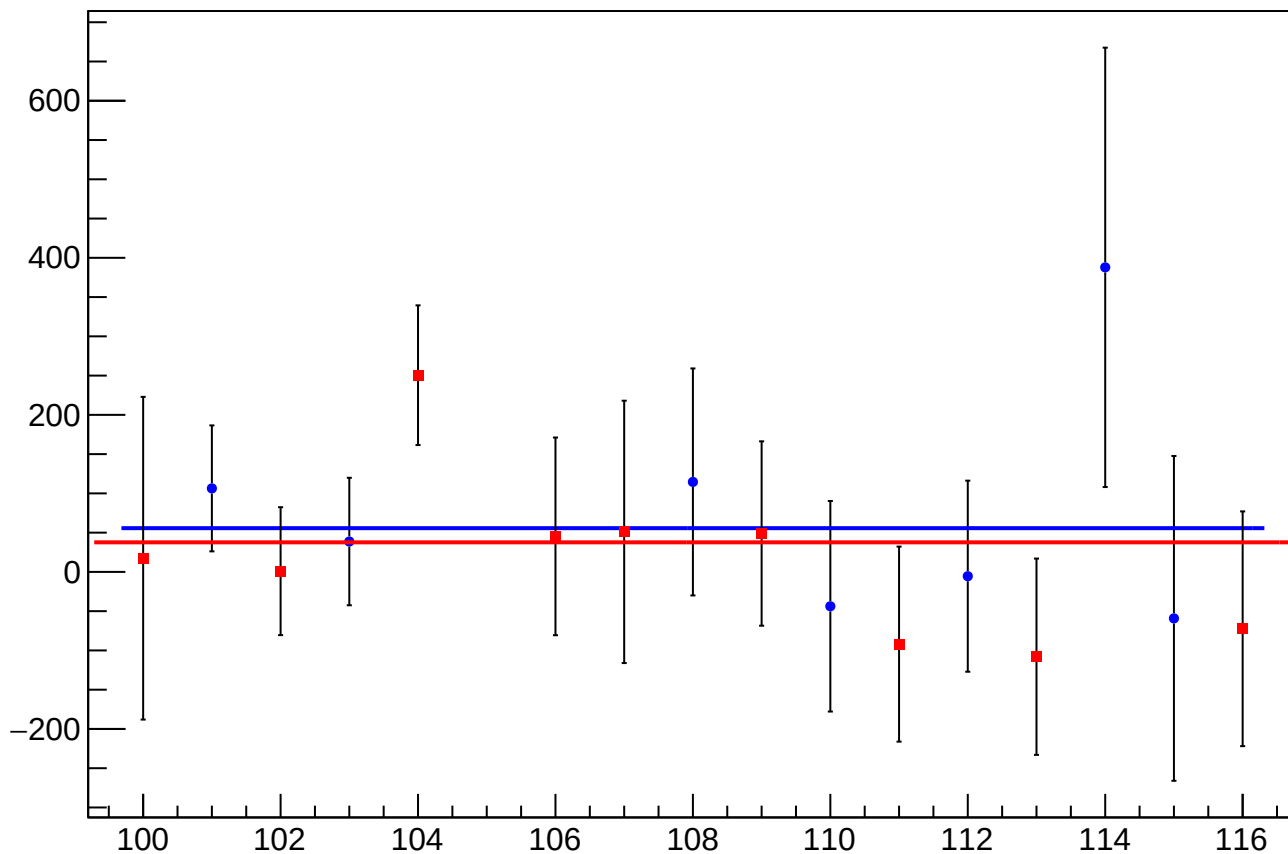
Right: 1794.115+/-0.535 χ^2/NDF : 1423819.4/15

In: 1825.882+/-0.817 χ^2/NDF : 592120.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.115+/-0.535 χ^2/NDF : 1423819.4/15

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 55.707+/-44.091 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.660+/-39.350 χ^2/NDF : 8.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

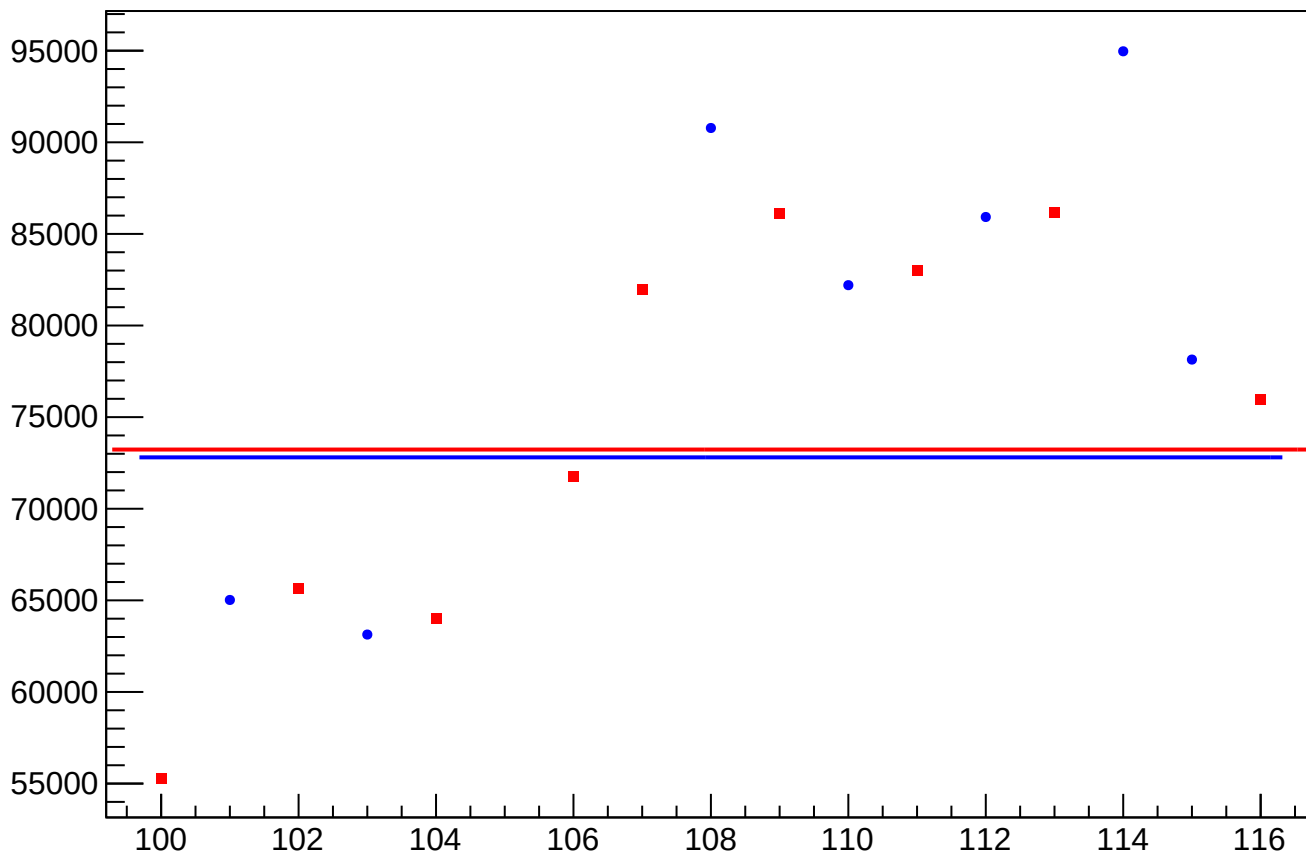
Right: 45.661+/-29.358 χ^2/NDF : 12.2/15

In: 55.707+/-44.091 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.661+/-29.358 χ^2/NDF : 12.2/15

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 72804.617+/-31.177 χ^2/NDF : 125117.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73231.179+/-27.824 χ^2/NDF : 118541.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

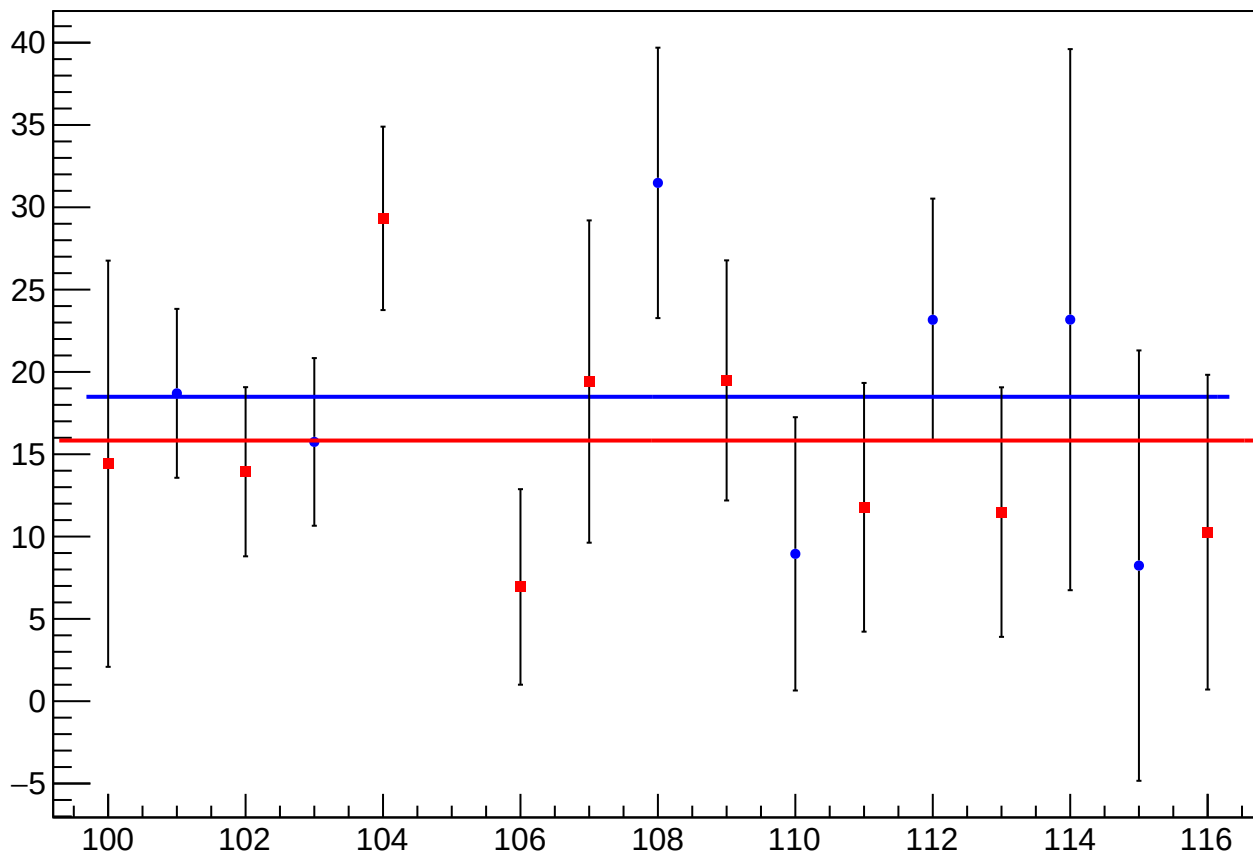
Right: 73042.057+/-20.759 χ^2/NDF : 243763.7/15

In: 72804.617+/-31.177 χ^2/NDF : 125117.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73042.057+/-20.759 χ^2/NDF : 243763.7/15

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 18.490+/-2.733 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.833+/-2.356 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

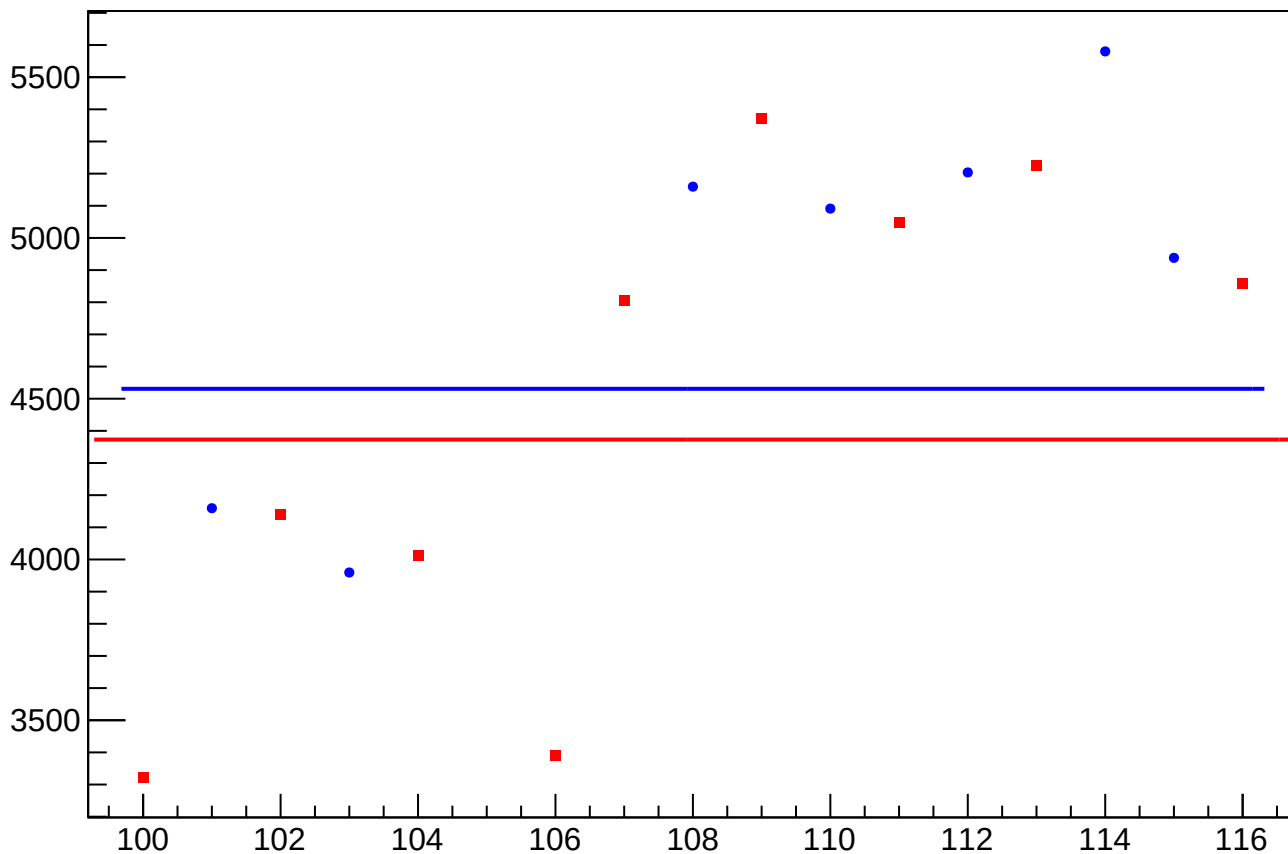
Right: 16.966+/-1.784 χ^2/NDF : 15.4/15

In: 18.490+/-2.733 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.966+/-1.784 χ^2/NDF : 15.4/15

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4530.782+/-1.932 χ^2/NDF : 83303.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4372.916+/-1.666 χ^2/NDF : 169916.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

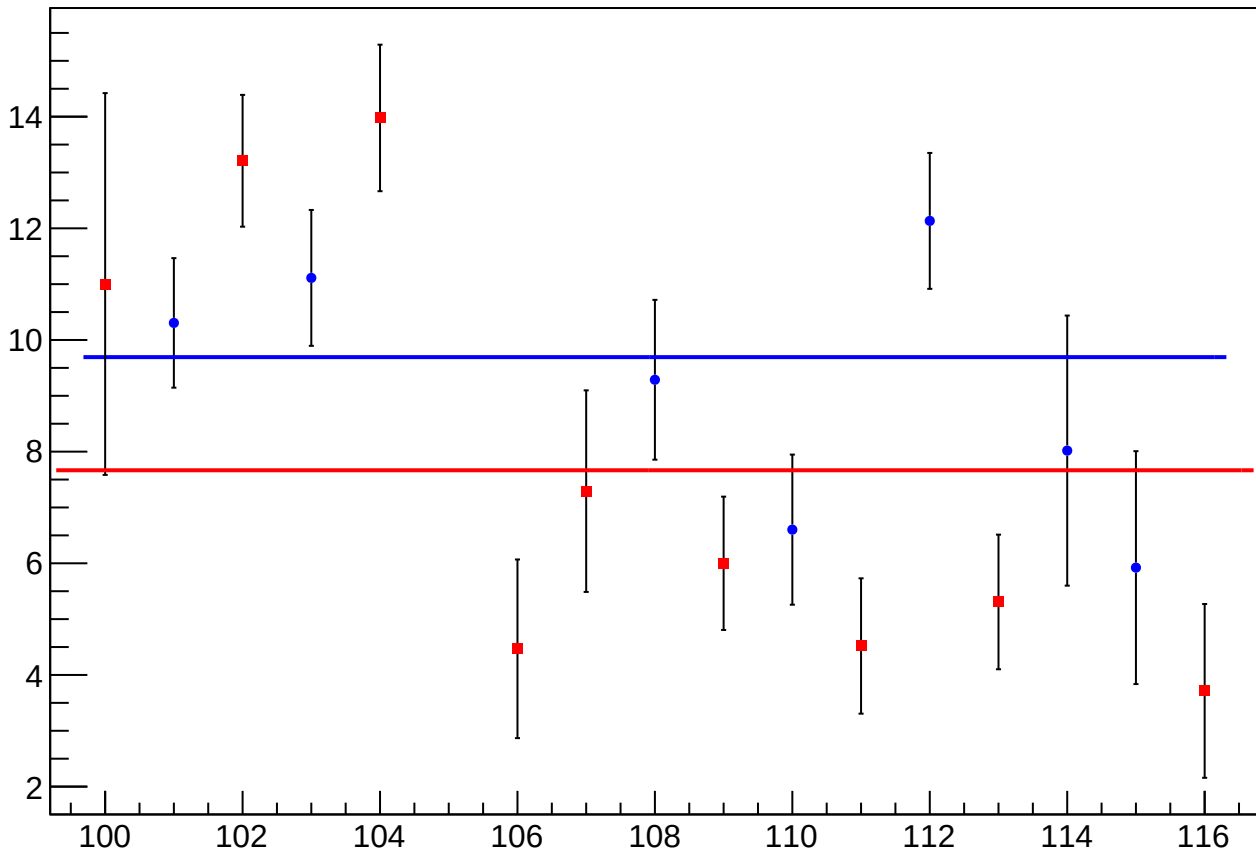
Right: 4440.229+/-1.262 χ^2/NDF : 257049.1/15

In: 4530.782+/-1.932 χ^2/NDF : 83303.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4440.229+/-1.262 χ^2/NDF : 257049.1/15

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.693 $\pm$ 0.532 χ^2 /NDF: 14.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.666 $\pm$ 0.468 χ^2 /NDF: 69.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

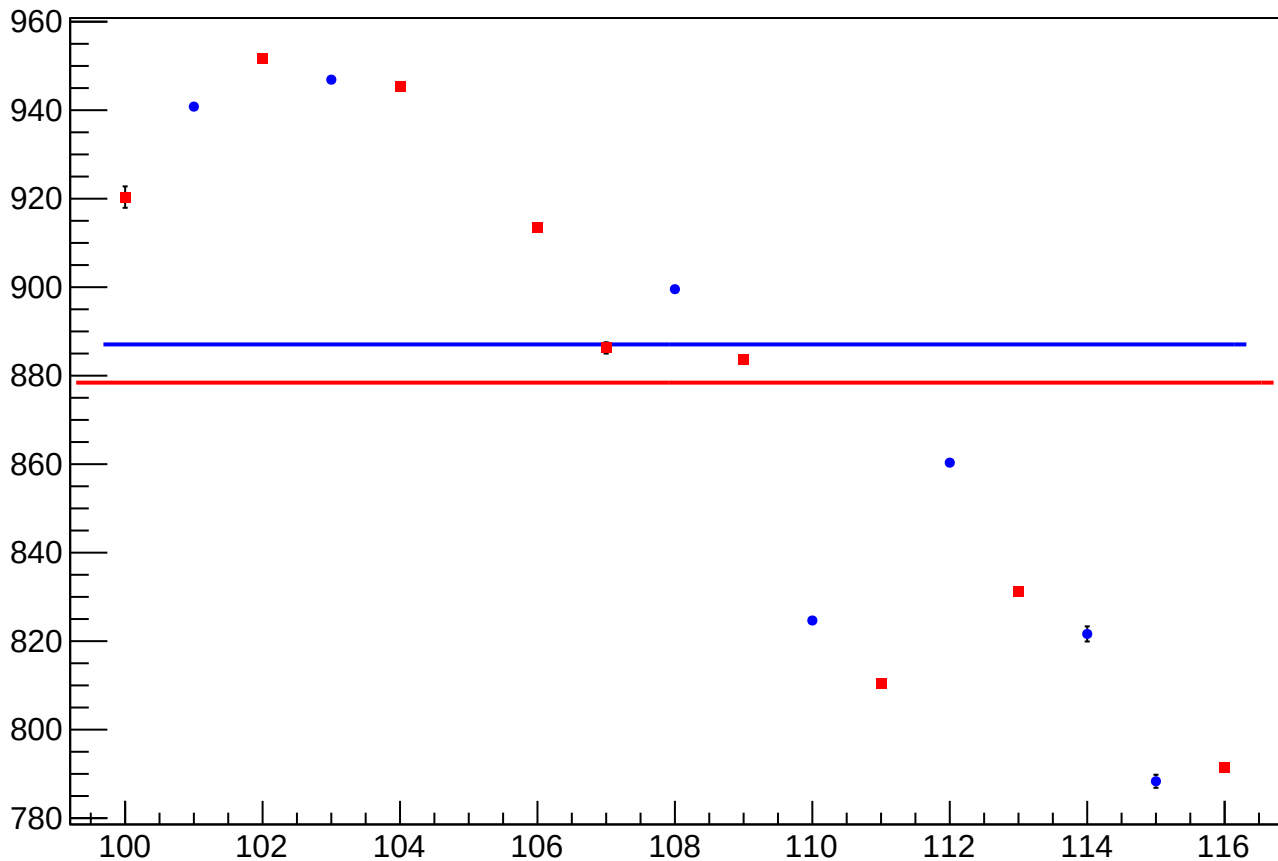
Right: 8.551 $\pm$ 0.351 χ^2 /NDF: 92.1/15

In: 9.693 $\pm$ 0.532 χ^2 /NDF: 14.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.551 $\pm$ 0.351 χ^2 /NDF: 92.1/15

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 887.063+/-0.376 χ^2/NDF : 20494.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.429+/-0.331 χ^2/NDF : 29866.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

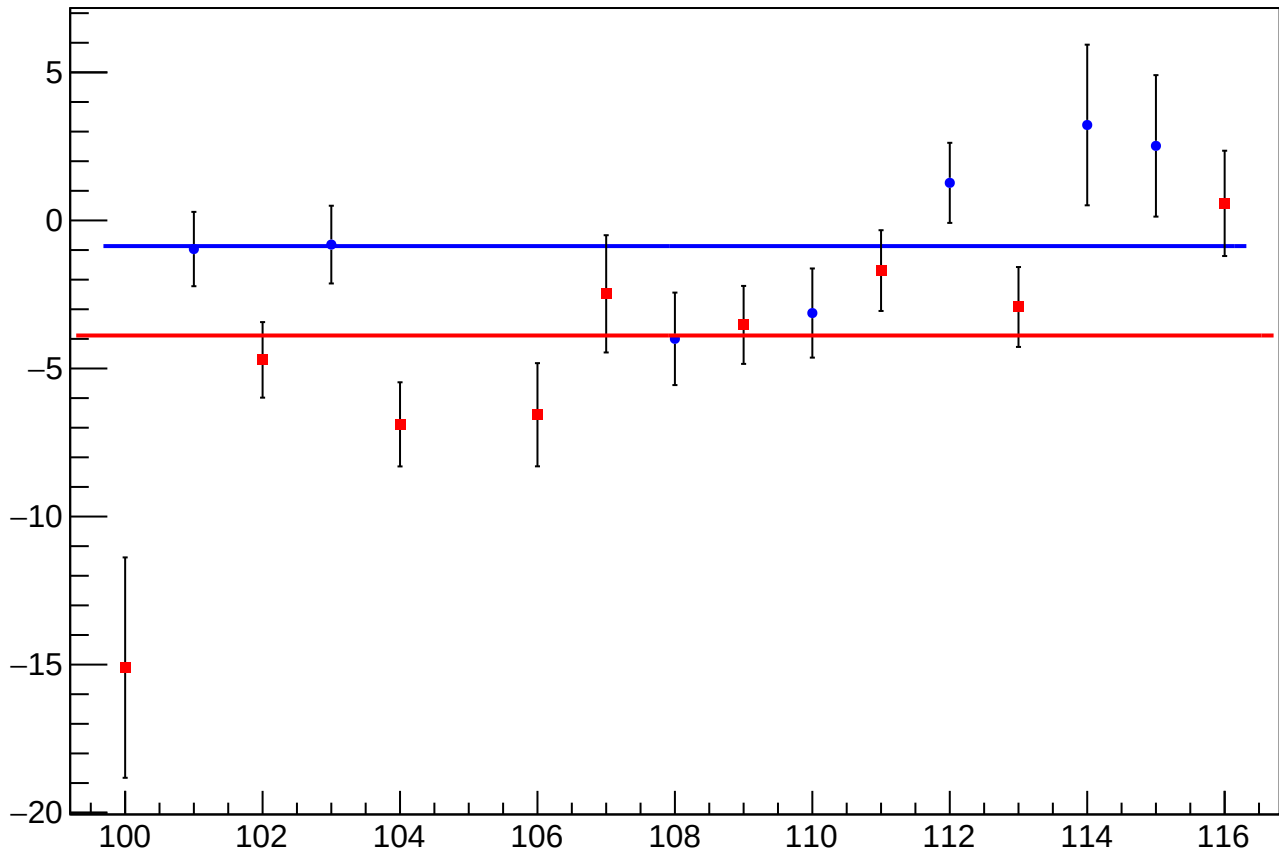
Right: 882.198+/-0.248 χ^2/NDF : 50658.1/15

In: 887.063+/-0.376 χ^2/NDF : 20494.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.198+/-0.248 χ^2/NDF : 50658.1/15

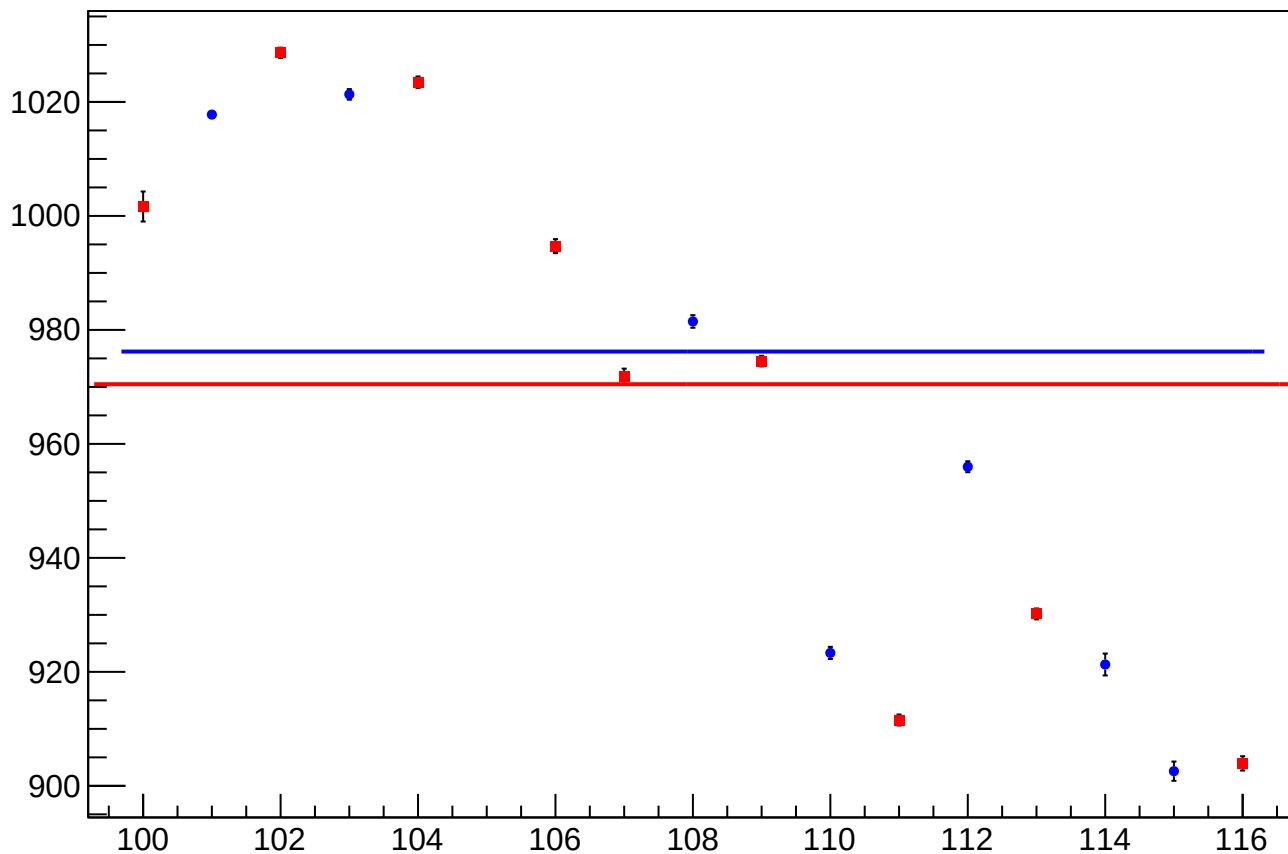
diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.866 ± 0.585 χ^2/NDF : 13.1/6
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -3.886 ± 0.517 χ^2/NDF : 26.3/8
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -2.562 ± 0.387 χ^2/NDF : 54.3/15
 In: -0.866 ± 0.585 χ^2/NDF : 13.1/6
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -2.562 ± 0.387 χ^2/NDF : 54.3/15

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 976.201 $\pm$ 0.413 χ^2 /NDF: 10214.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 970.476 $\pm$ 0.365 χ^2 /NDF: 15800.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

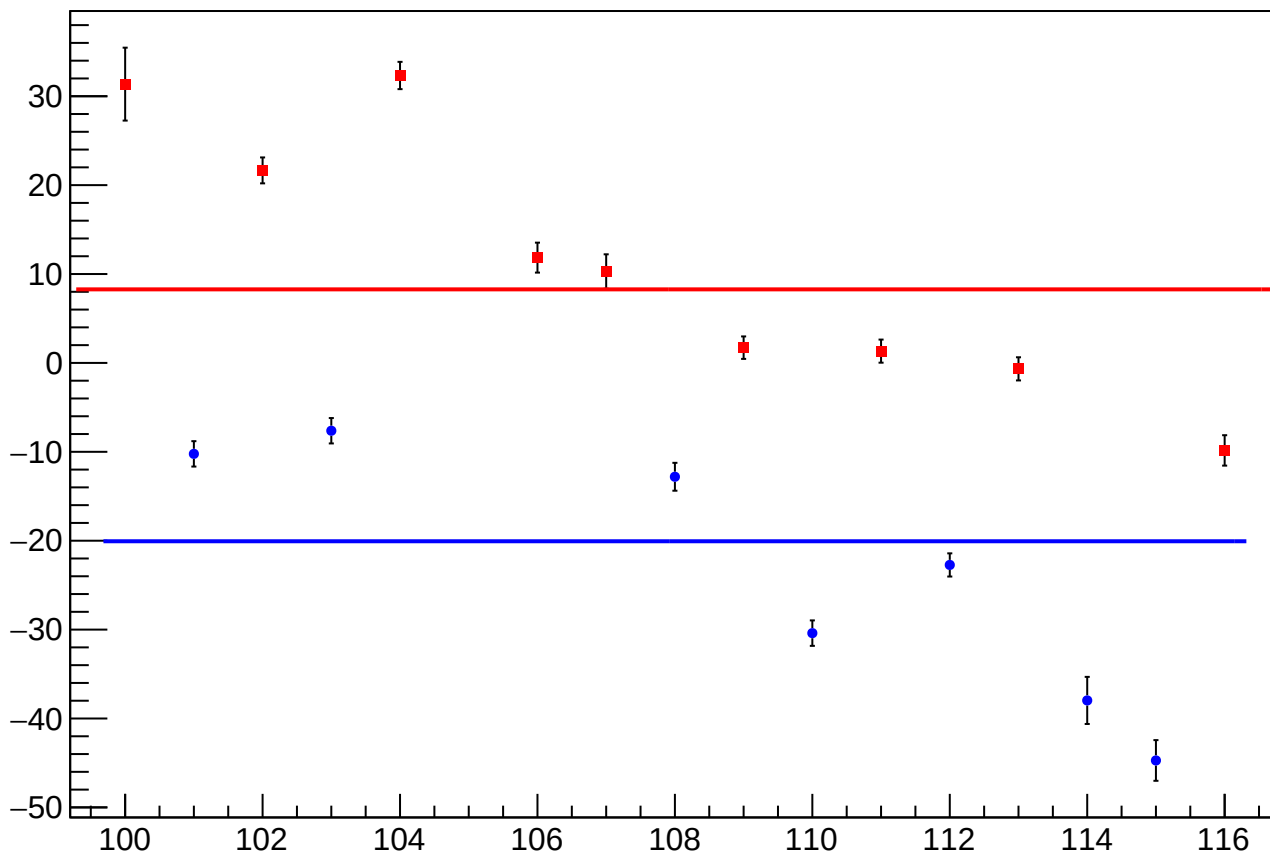
Right: 972.986 $\pm$ 0.274 χ^2 /NDF: 26122.6/15

In: 976.201 $\pm$ 0.413 χ^2 /NDF:10214.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 972.986 $\pm$ 0.274 χ^2 /NDF: 26122.6/15

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -20.062 ± 0.598 χ^2/NDF : 362.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.275 ± 0.518 χ^2/NDF : 582.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

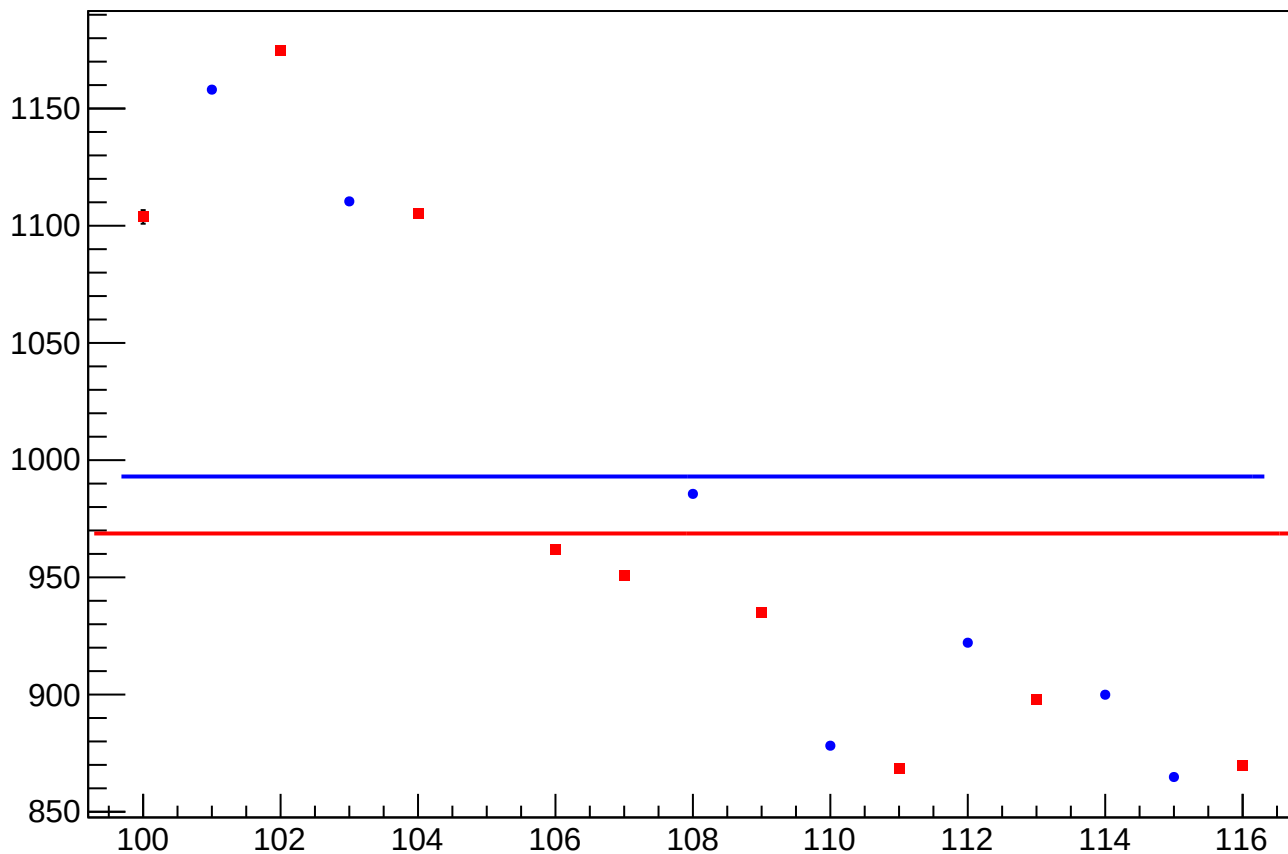
Right: -3.880 ± 0.392 χ^2/NDF : 2227.4/15

In: -20.062 ± 0.598 χ^2/NDF : 362.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.880 ± 0.392 χ^2/NDF : 2227.4/15

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 993.024+/-0.423 χ^2/NDF : 67790.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 968.716+/-0.366 χ^2/NDF : 84069.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

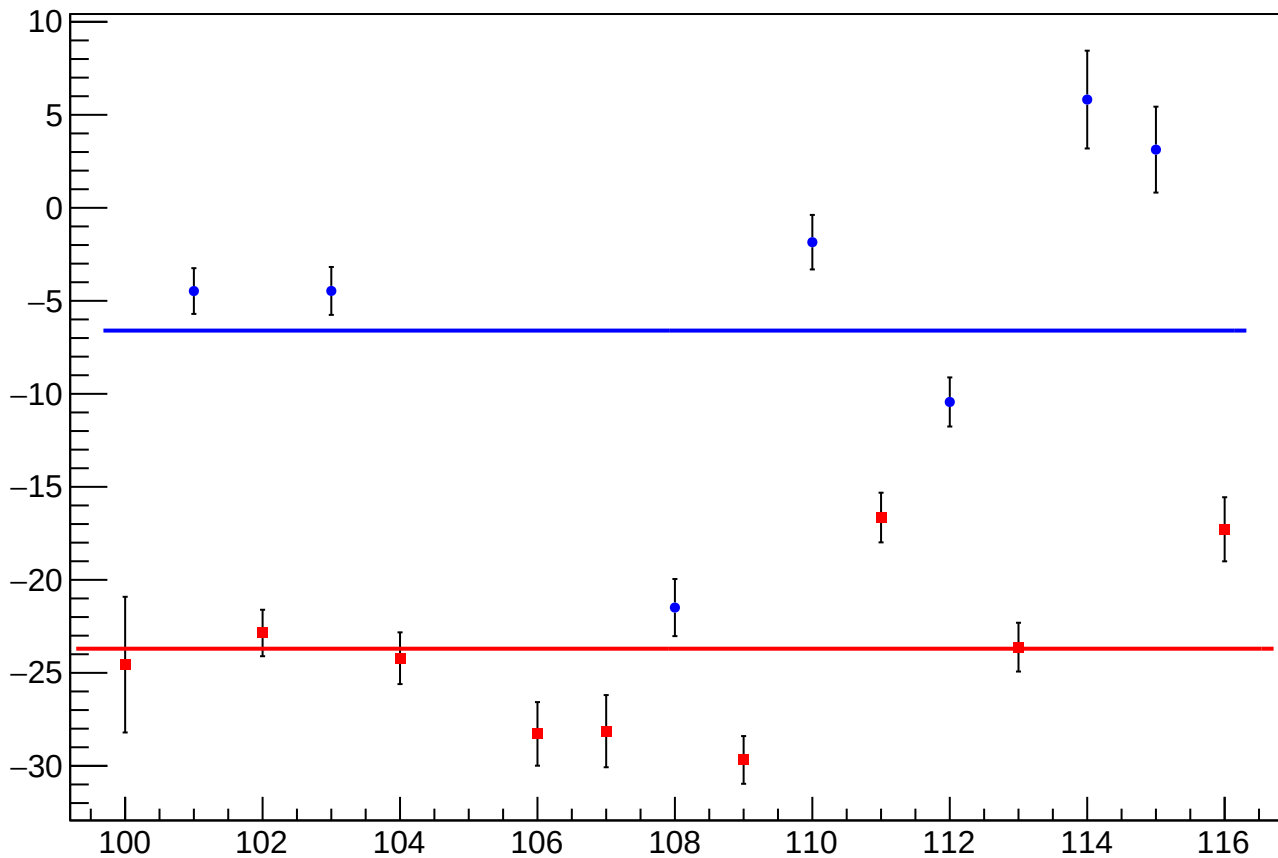
Right: 979.142+/-0.277 χ^2/NDF : 153747.4/15

In: 993.024+/-0.423 χ^2/NDF : 67790.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.142+/-0.277 χ^2/NDF : 153747.4/15

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -6.599 ± 0.572 χ^2/NDF : 158.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.701 ± 0.505 χ^2/NDF : 76.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

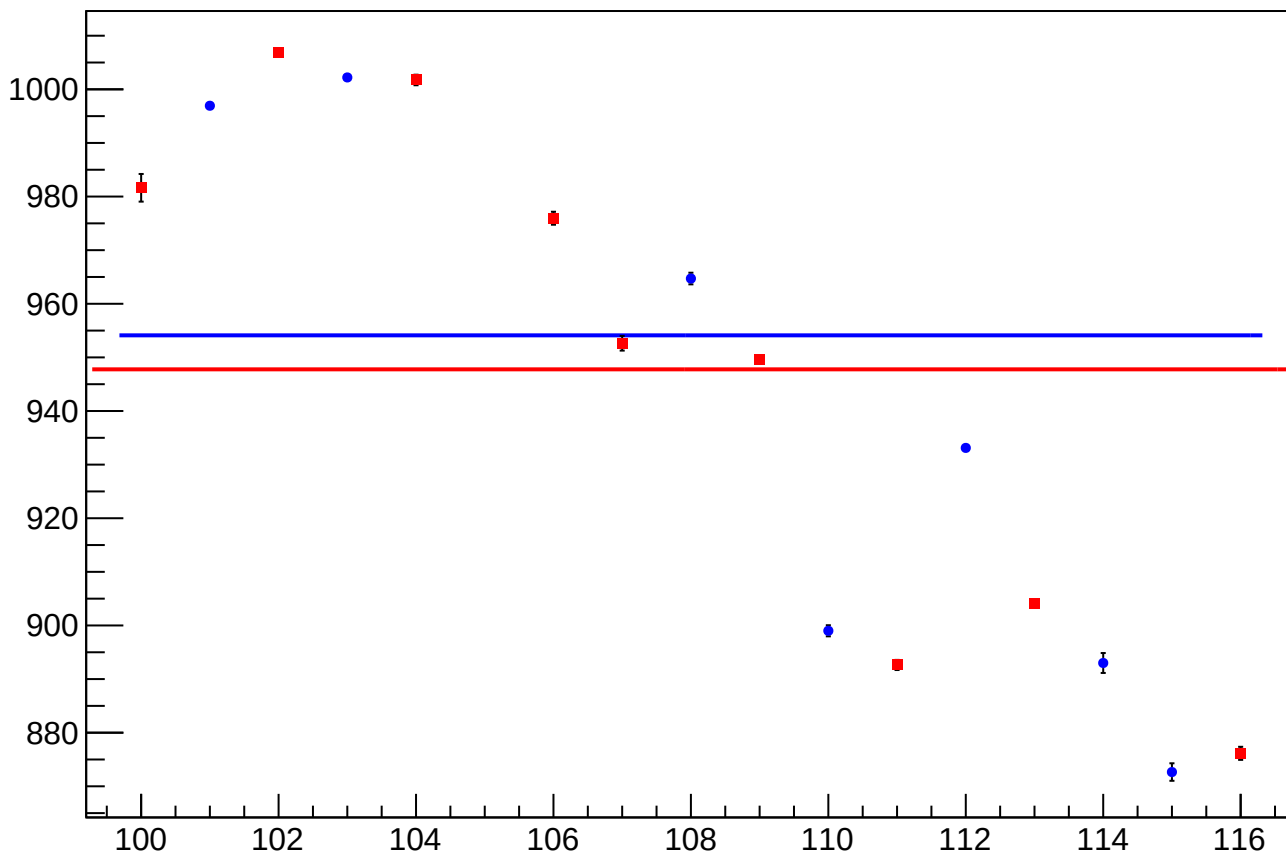
Right: -16.211 ± 0.378 χ^2/NDF : 738.6/15

In: -6.599 ± 0.572 χ^2/NDF : 158.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.211 ± 0.378 χ^2/NDF : 738.6/15

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 954.114+/-0.404 χ^2/NDF : 12214.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.771+/-0.357 χ^2/NDF : 17303.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

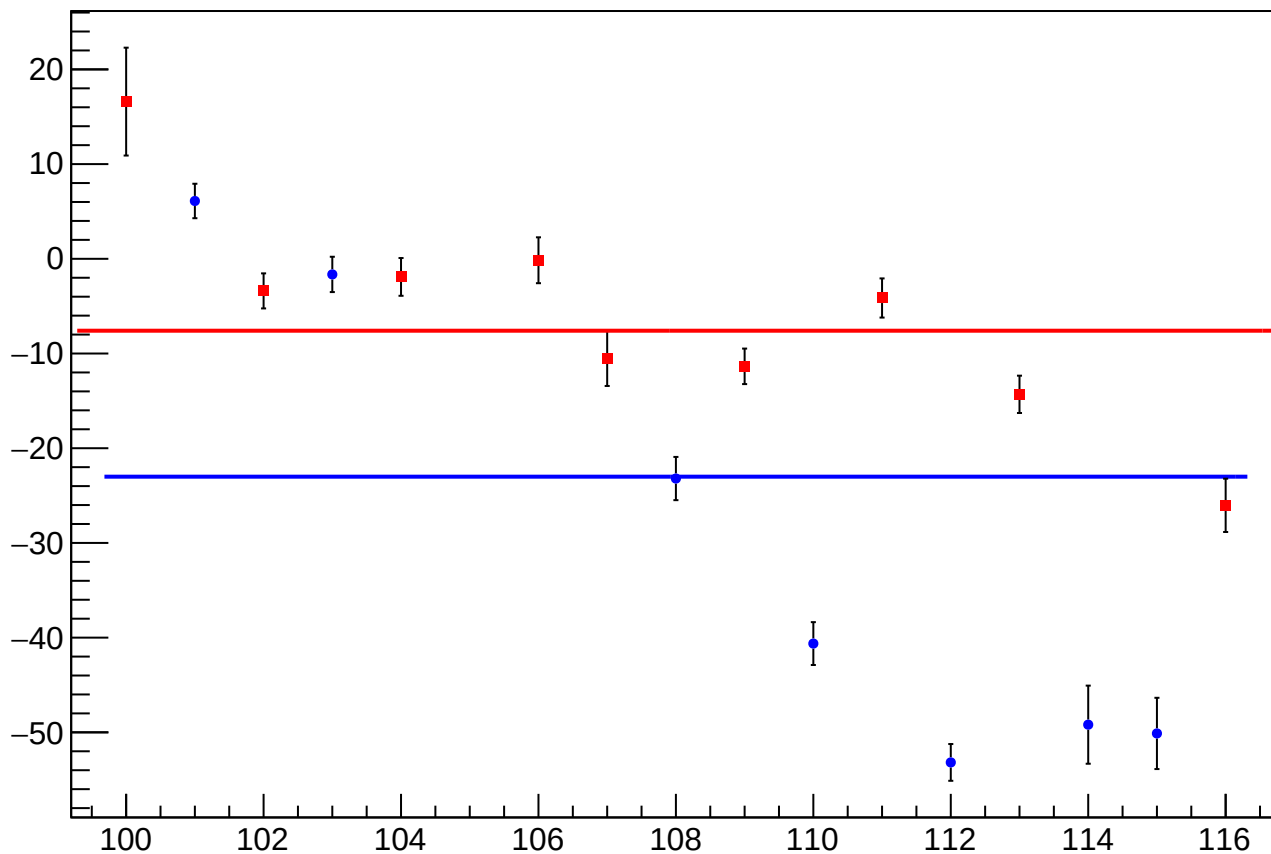
Right: 950.549+/-0.267 χ^2/NDF : 29656.5/15

In: 954.114+/-0.404 χ^2/NDF : 12214.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.549+/-0.267 χ^2/NDF : 29656.5/15

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -23.004 ± 0.854 $\chi^2/\text{NDF}: 781.7/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.592 ± 0.753 $\chi^2/\text{NDF}: 103.1/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

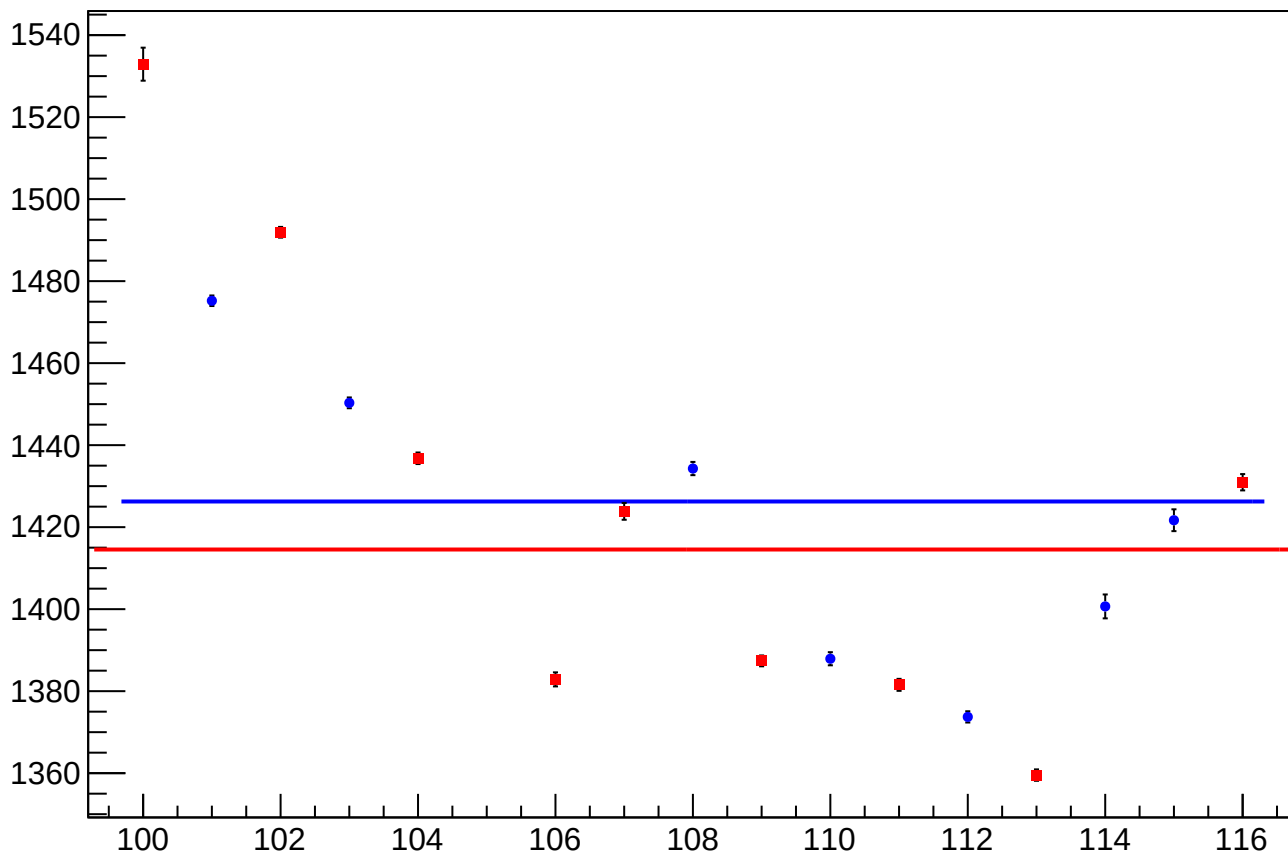
Right: -14.331 ± 0.565 $\chi^2/\text{NDF}: 1068.3/15$

In: -23.004 ± 0.854 $\chi^2/\text{NDF}: 781.7/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.331 ± 0.565 $\chi^2/\text{NDF}: 1068.3/15$

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1426.261+/-0.604 χ^2/NDF : 3925.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1414.548+/-0.532 χ^2/NDF : 7527.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

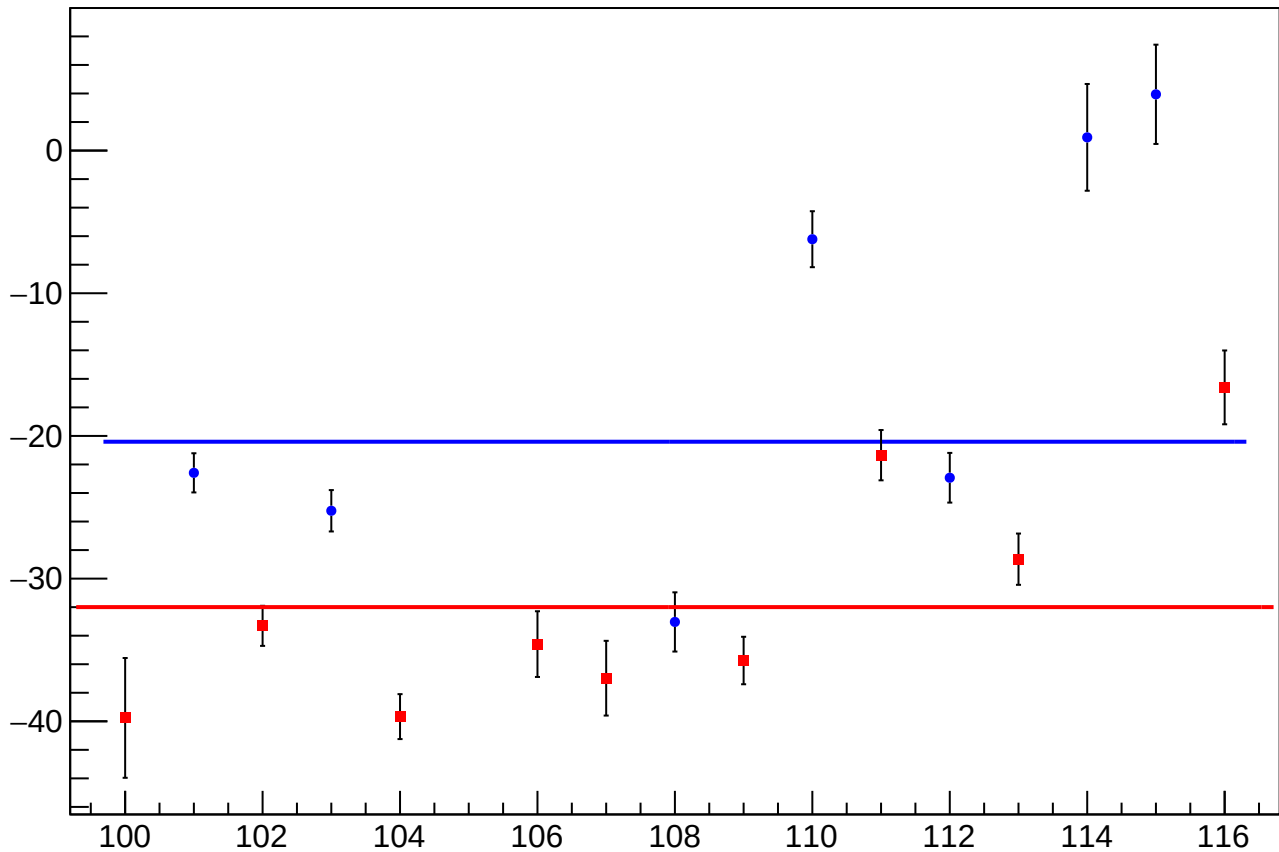
Right: 1419.670+/-0.399 χ^2/NDF : 11664.4/15

In: 1426.261+/-0.604 χ^2/NDF : 3925.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.670+/-0.399 χ^2/NDF : 11664.4/15

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -20.406 $\pm$ 0.710 χ^2 /NDF: 186.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.996 $\pm$ 0.640 χ^2 /NDF: 113.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

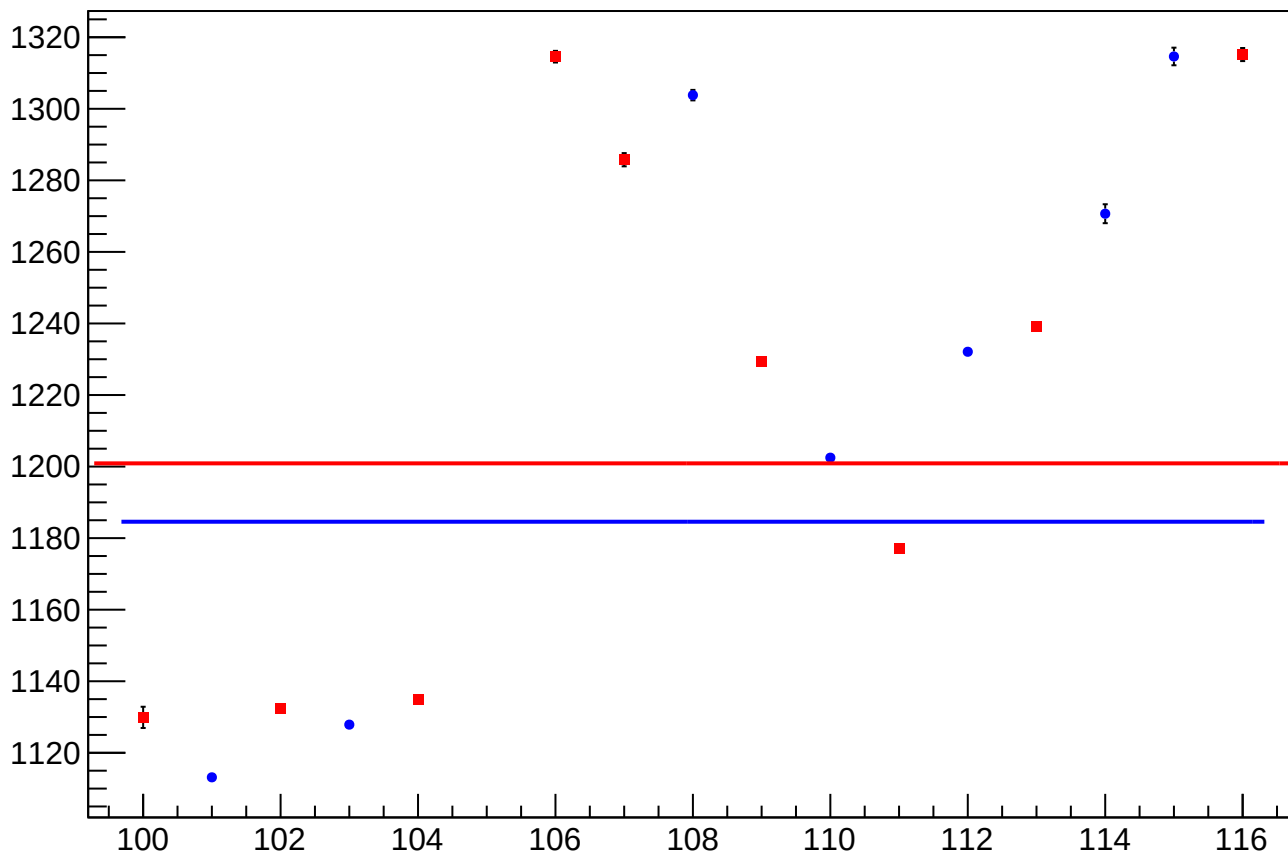
Right: -26.805 $\pm$ 0.475 χ^2 /NDF: 447.1/15

In: -20.406 $\pm$ 0.710 χ^2 /NDF:186.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.805 $\pm$ 0.475 χ^2 /NDF: 447.1/15

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1184.586+/-0.502 χ^2/NDF : 20587.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.900+/-0.452 χ^2/NDF : 21597.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

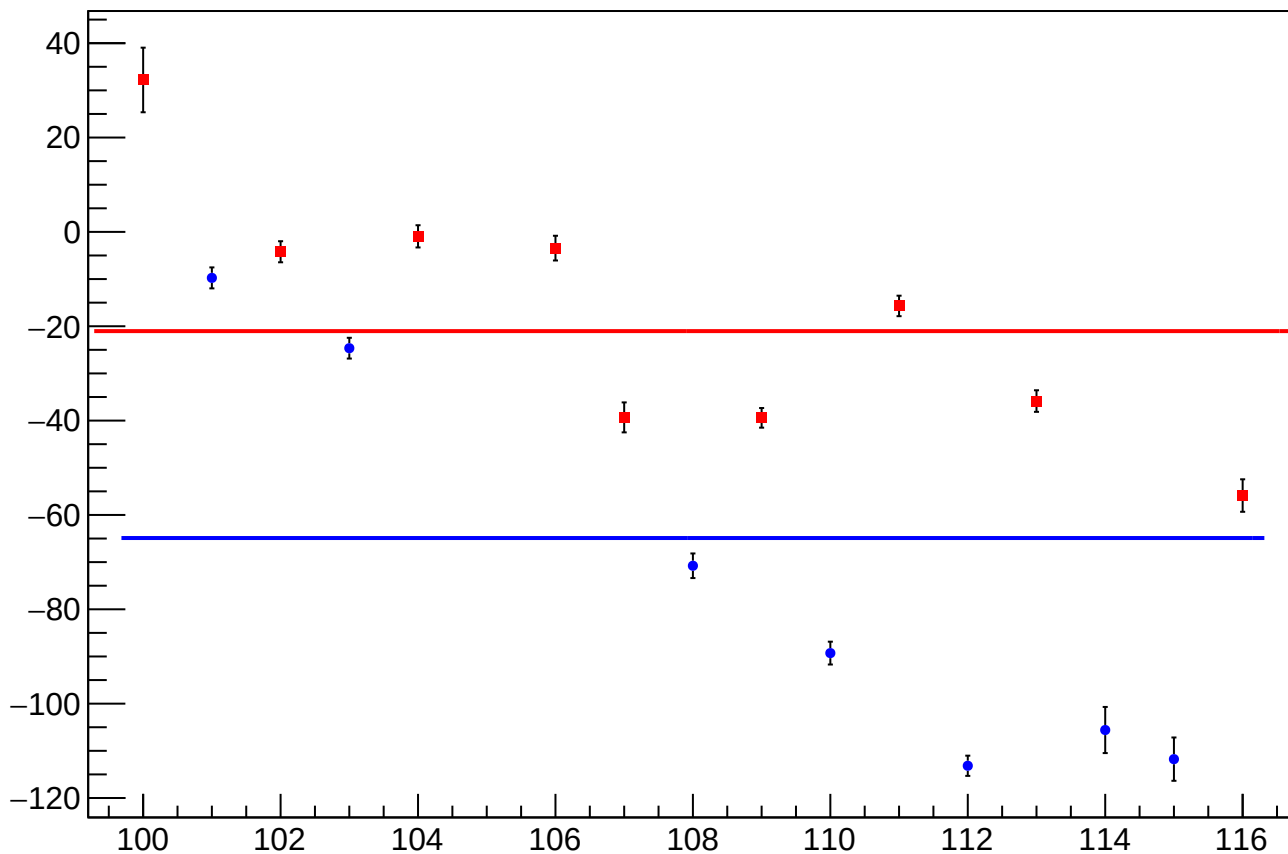
Right: 1193.592+/-0.336 χ^2/NDF : 42767.9/15

In: 1184.586+/-0.502 χ^2/NDF : 20587.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1193.592+/-0.336 χ^2/NDF : 42767.9/15

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -64.891+/-0.984 χ^2/NDF : 1737.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.031+/-0.856 χ^2/NDF : 496.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

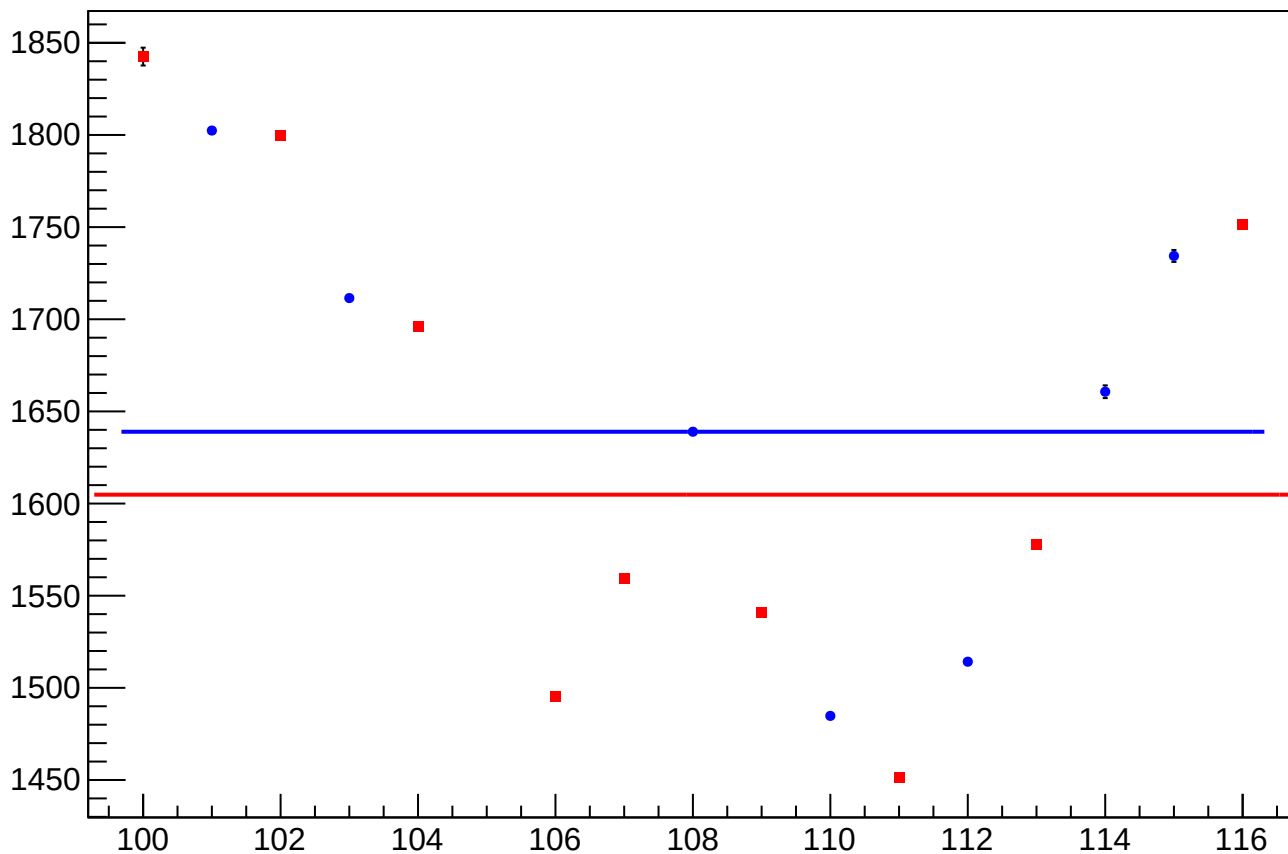
Right: -39.931+/-0.646 χ^2/NDF : 3366.0/15

In: -64.891+/-0.984 χ^2/NDF : 1737.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.931+/-0.646 χ^2/NDF : 3366.0/15

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1638.961+/-0.695 χ^2/NDF : 28787.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.822+/-0.605 χ^2/NDF : 40414.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

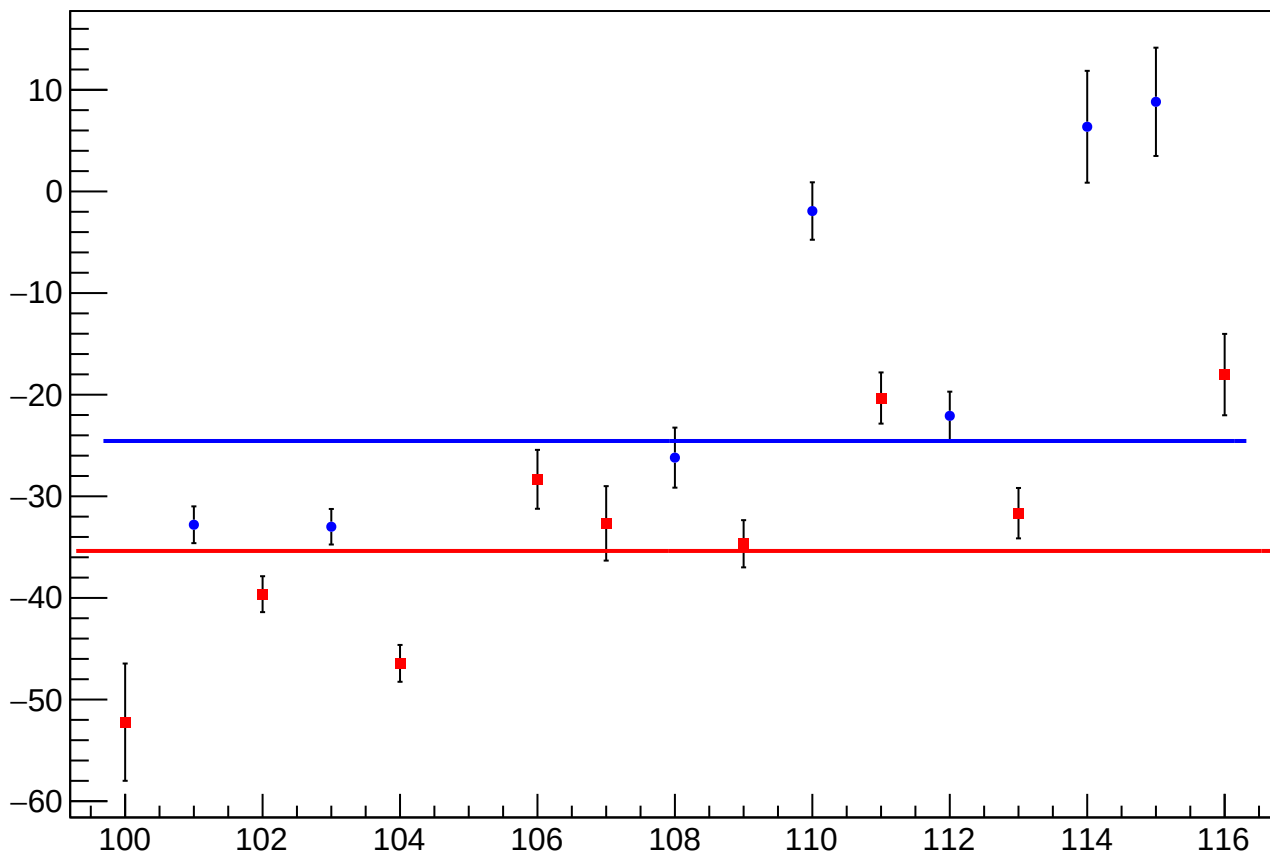
Right: 1619.533+/-0.457 χ^2/NDF : 70572.8/15

In: 1638.961+/-0.695 χ^2/NDF : 28787.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.533+/-0.457 χ^2/NDF : 70572.8/15

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -24.556 ± 0.946 χ^2/NDF : 180.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.377 ± 0.840 χ^2/NDF : 114.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

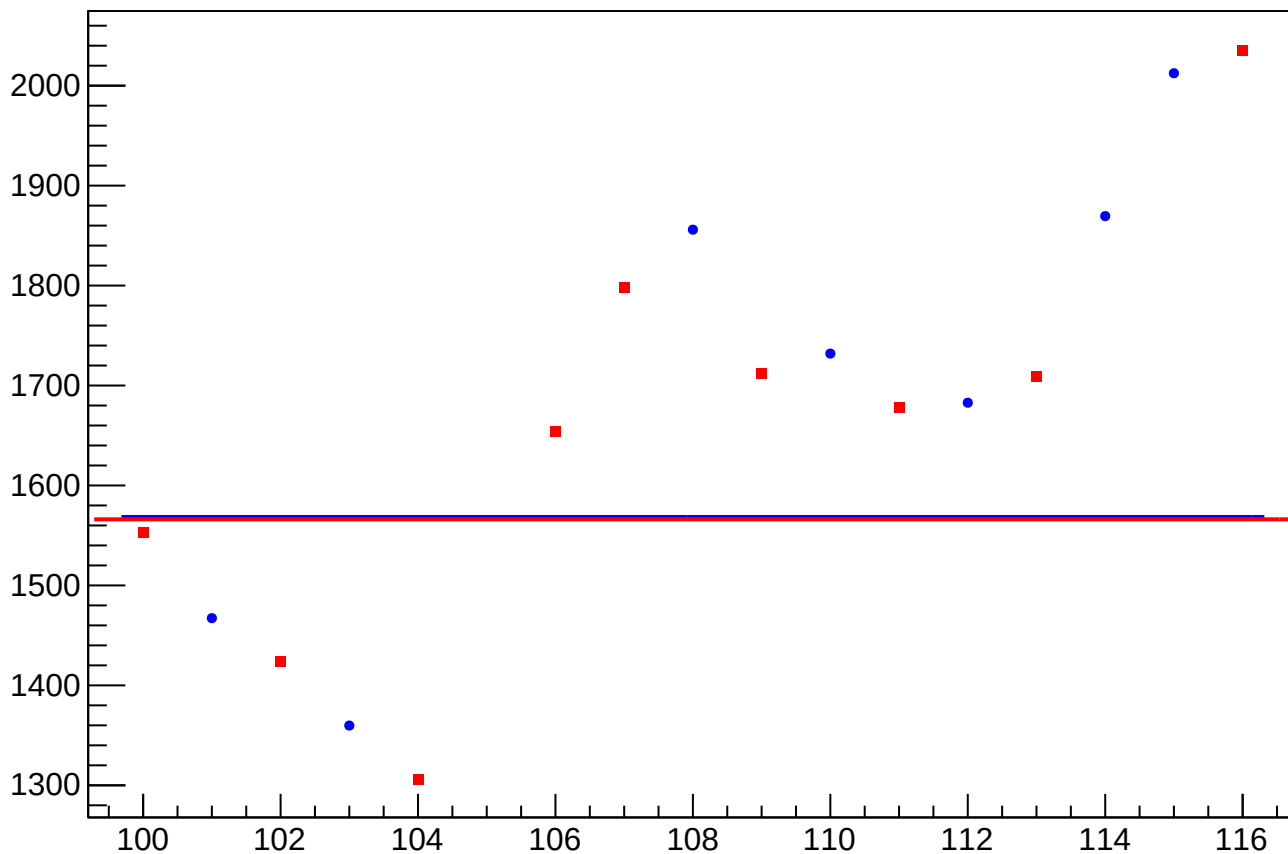
Right: -30.606 ± 0.628 χ^2/NDF : 368.2/15

In: -24.556 ± 0.946 χ^2/NDF : 180.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.606 ± 0.628 χ^2/NDF : 368.2/15

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1568.466 $\pm$ 0.669 χ^2 /NDF: 84813.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1566.127 $\pm$ 0.594 χ^2 /NDF: 109914.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

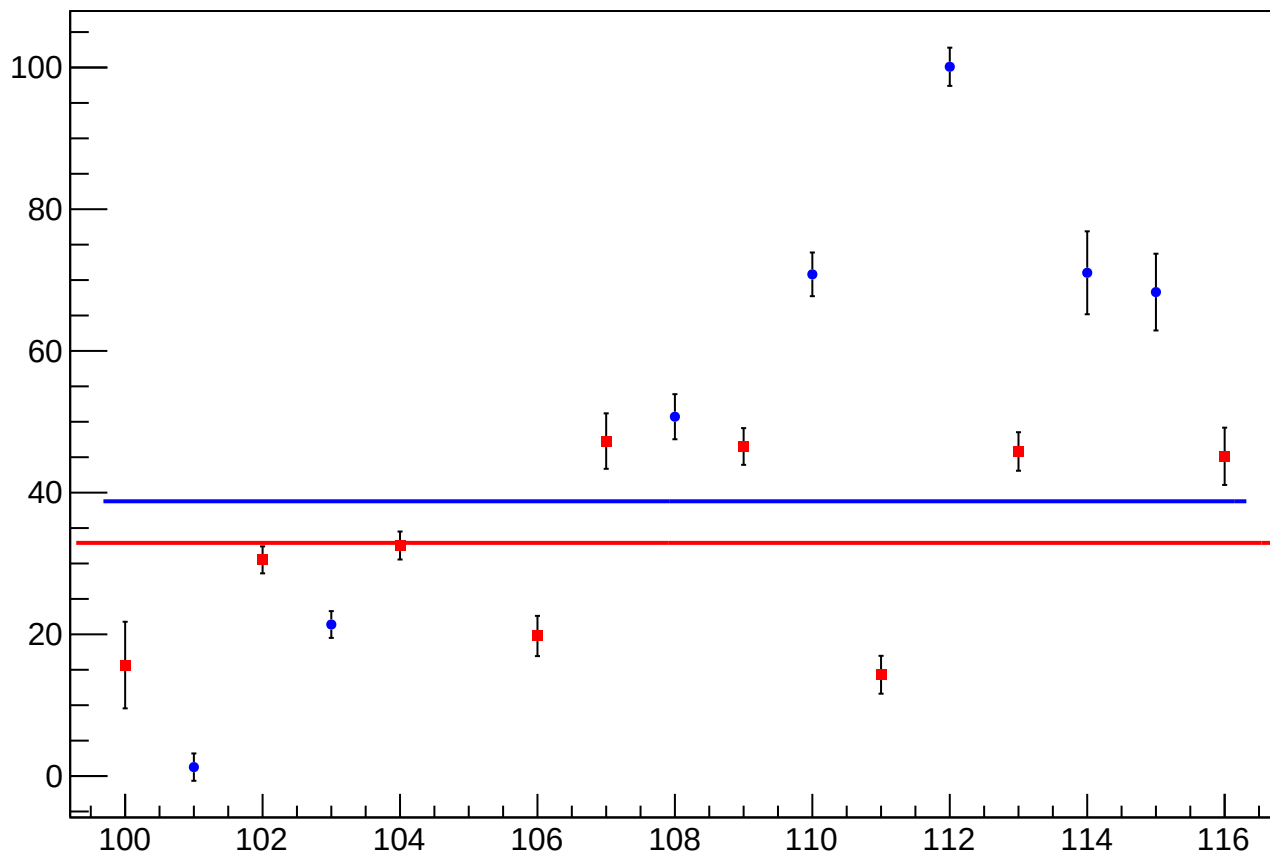
Right: 1567.158 $\pm$ 0.444 χ^2 /NDF: 194734.5/15

In: 1568.466 $\pm$ 0.669 χ^2 /NDF:84813.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1567.158 $\pm$ 0.444 χ^2 /NDF: 194734.5/15

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 38.779+/-1.024 χ^2/NDF : 1162.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.911+/-0.900 χ^2/NDF : 152.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

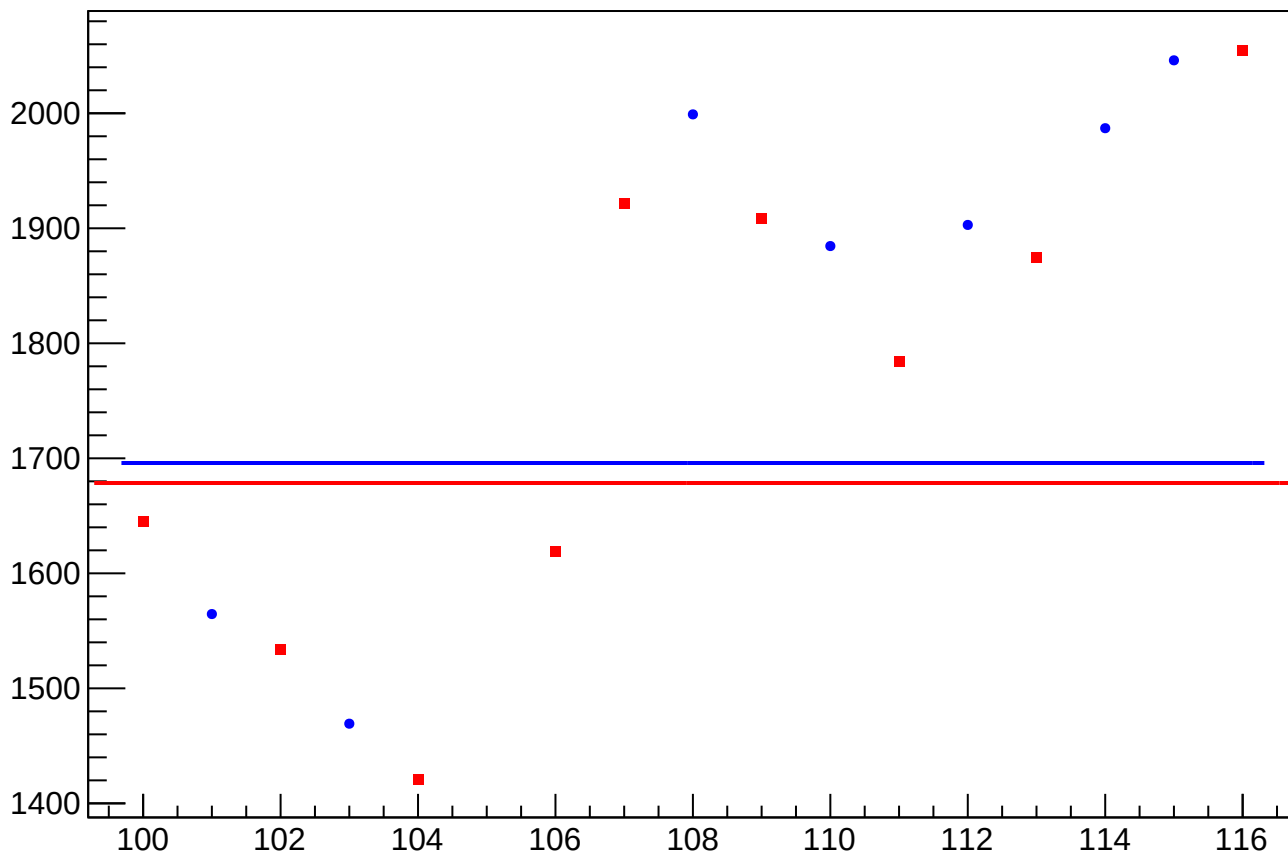
Right: 35.468+/-0.676 χ^2/NDF : 1332.8/15

In: 38.779+/-1.024 χ^2/NDF : 1162.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.468+/-0.676 χ^2/NDF : 1332.8/15

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1695.937 $\pm$ 0.724 χ^2 /NDF: 88768.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1678.541 $\pm$ 0.636 χ^2 /NDF: 100985.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

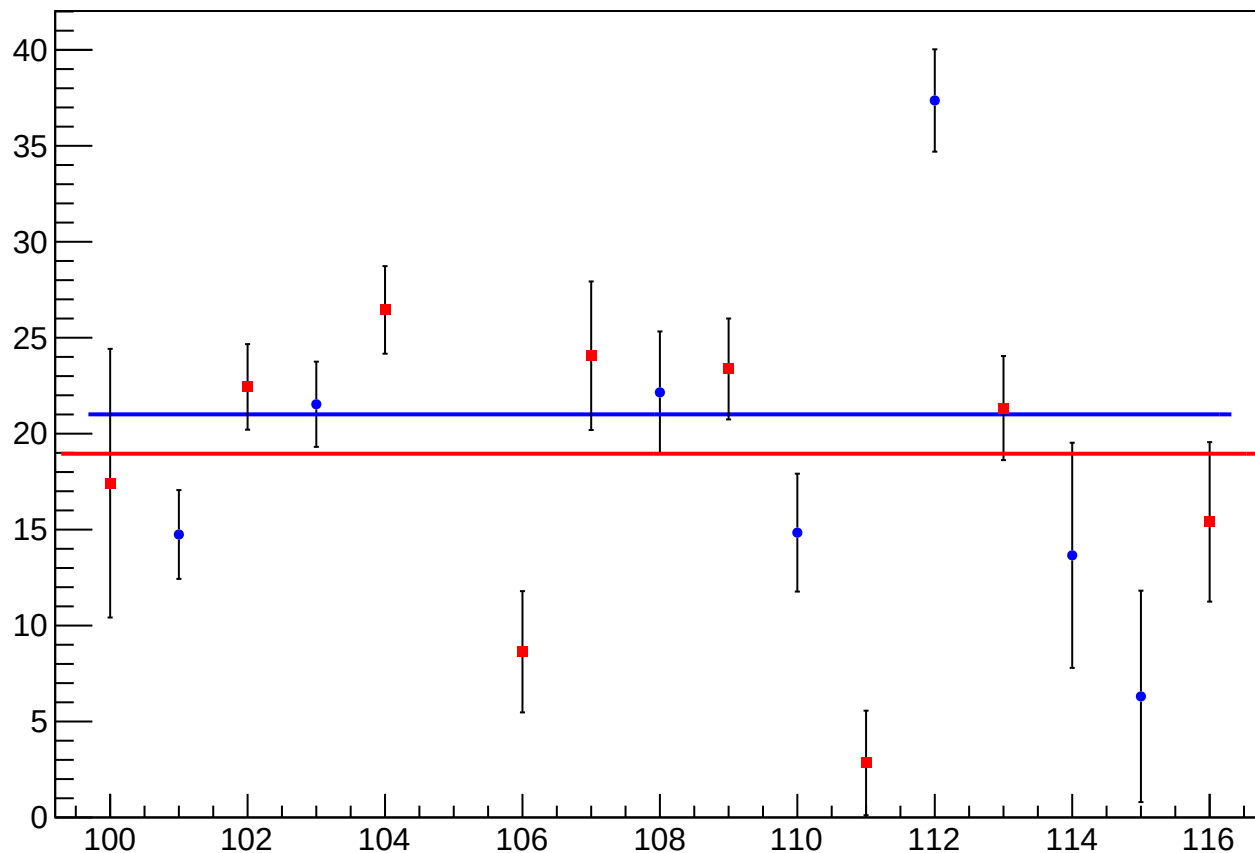
Right: 1686.121 $\pm$ 0.478 χ^2 /NDF: 190079.0/15

In: 1695.937 $\pm$ 0.724 χ^2 /NDF:88768.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1686.121 $\pm$ 0.478 χ^2 /NDF: 190079.0/15

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 21.006 $\pm$ 1.120 χ^2 /NDF: 57.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.955 $\pm$ 0.974 χ^2 /NDF: 65.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

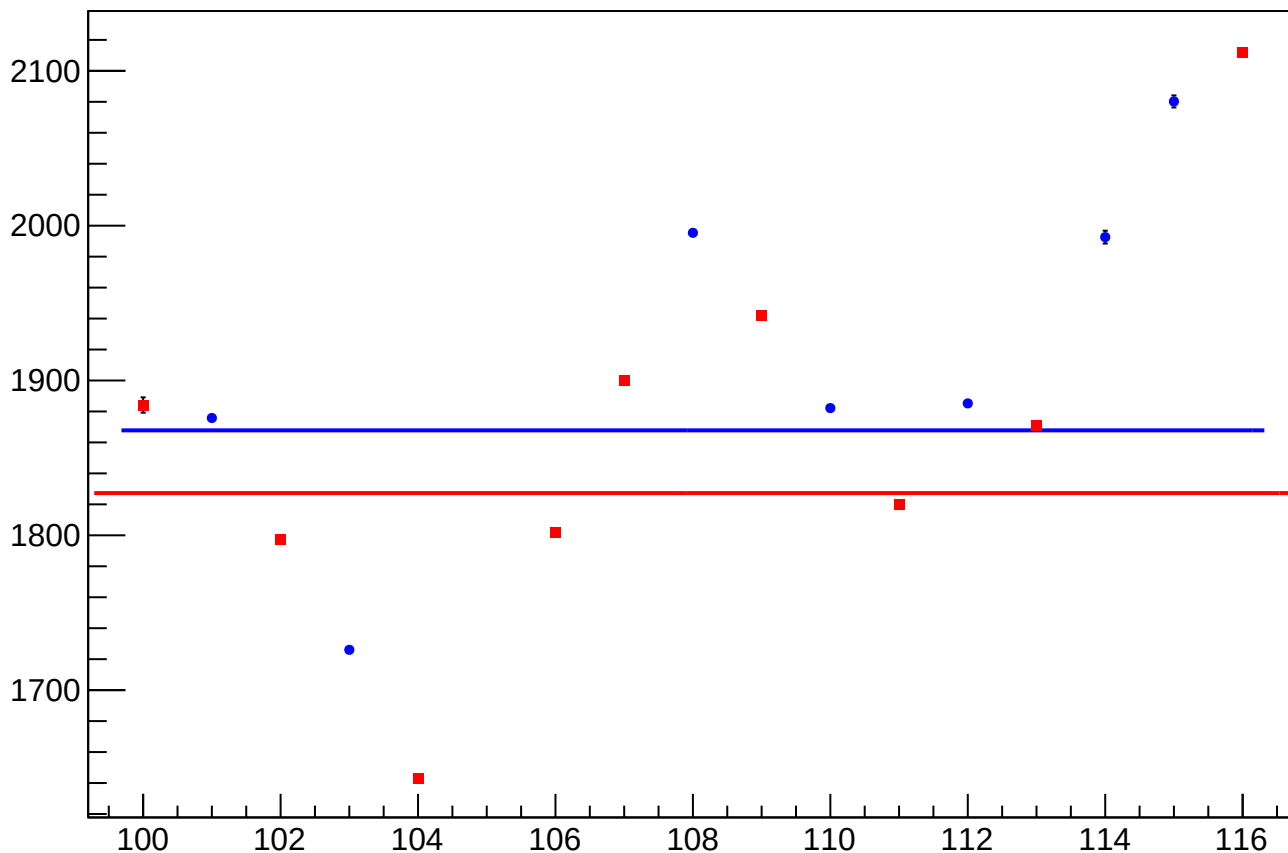
Right: 19.839 $\pm$ 0.735 χ^2 /NDF: 124.8/15

In: 21.006 $\pm$ 1.120 χ^2 /NDF:57.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.839 $\pm$ 0.735 χ^2 /NDF: 124.8/15

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1867.785 $\pm$ 0.792 χ^2 /NDF: 15414.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1827.272 $\pm$ 0.689 χ^2 /NDF: 28108.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

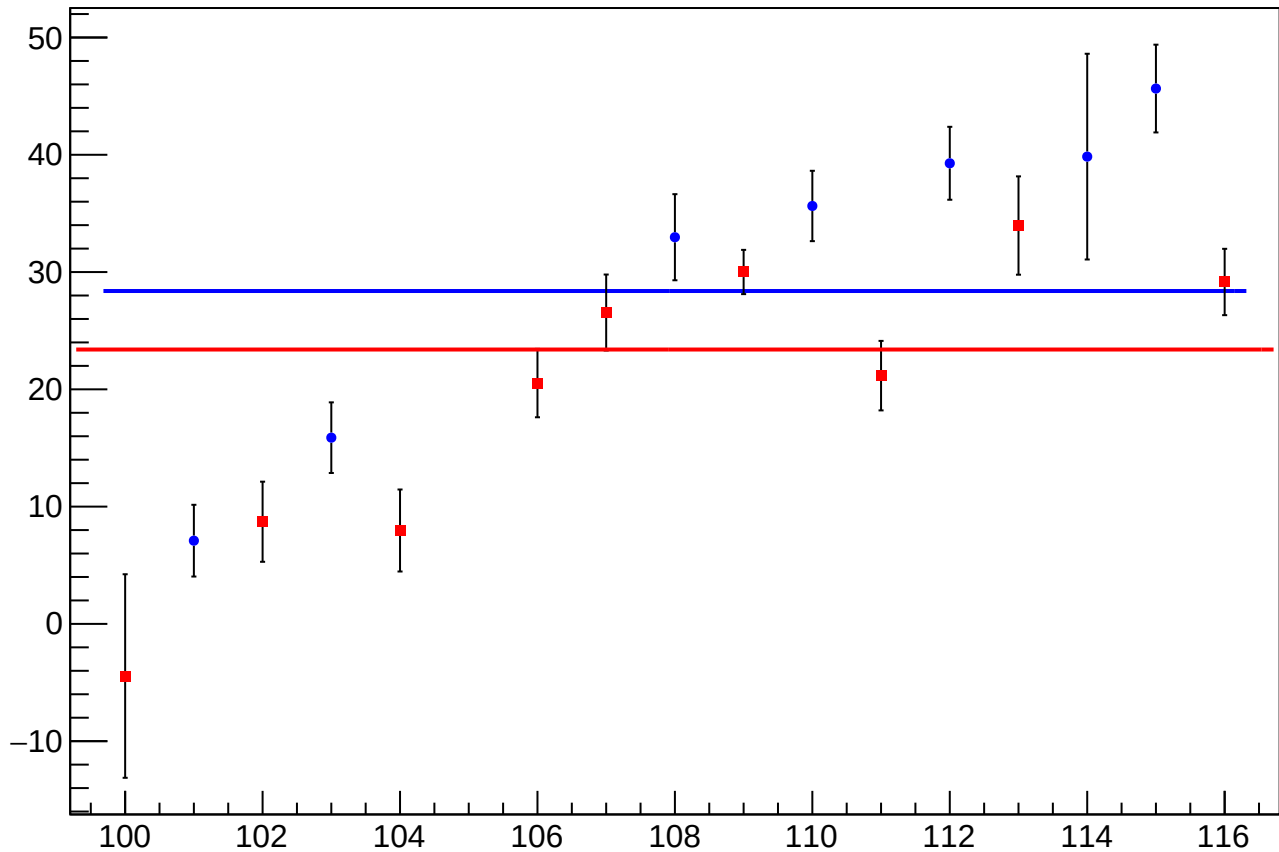
Right: 1844.723 $\pm$ 0.520 χ^2 /NDF: 45013.6/15

In: 1867.785 $\pm$ 0.792 χ^2 /NDF:15414.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1844.723 $\pm$ 0.520 χ^2 /NDF: 45013.6/15

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 28.384 $\pm$ 1.301 χ^2 /NDF: 108.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.395 $\pm$ 1.015 χ^2 /NDF: 73.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

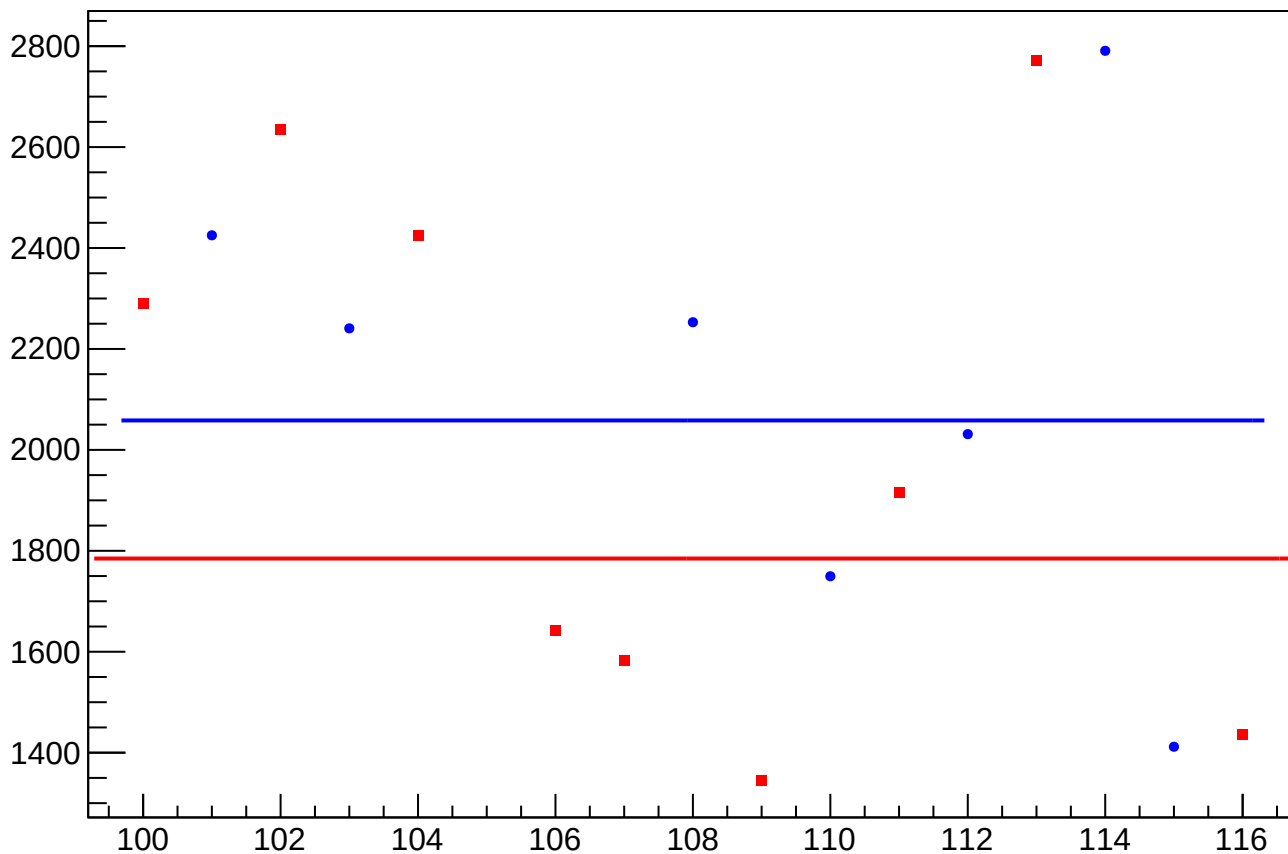
Right: 25.282 $\pm$ 0.800 χ^2 /NDF: 191.0/15

In: 28.384 $\pm$ 1.301 χ^2 /NDF:108.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.282 $\pm$ 0.800 χ^2 /NDF: 191.0/15

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2058.335+/-0.920 χ^2/NDF : 136745.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1784.709+/-0.718 χ^2/NDF : 463999.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

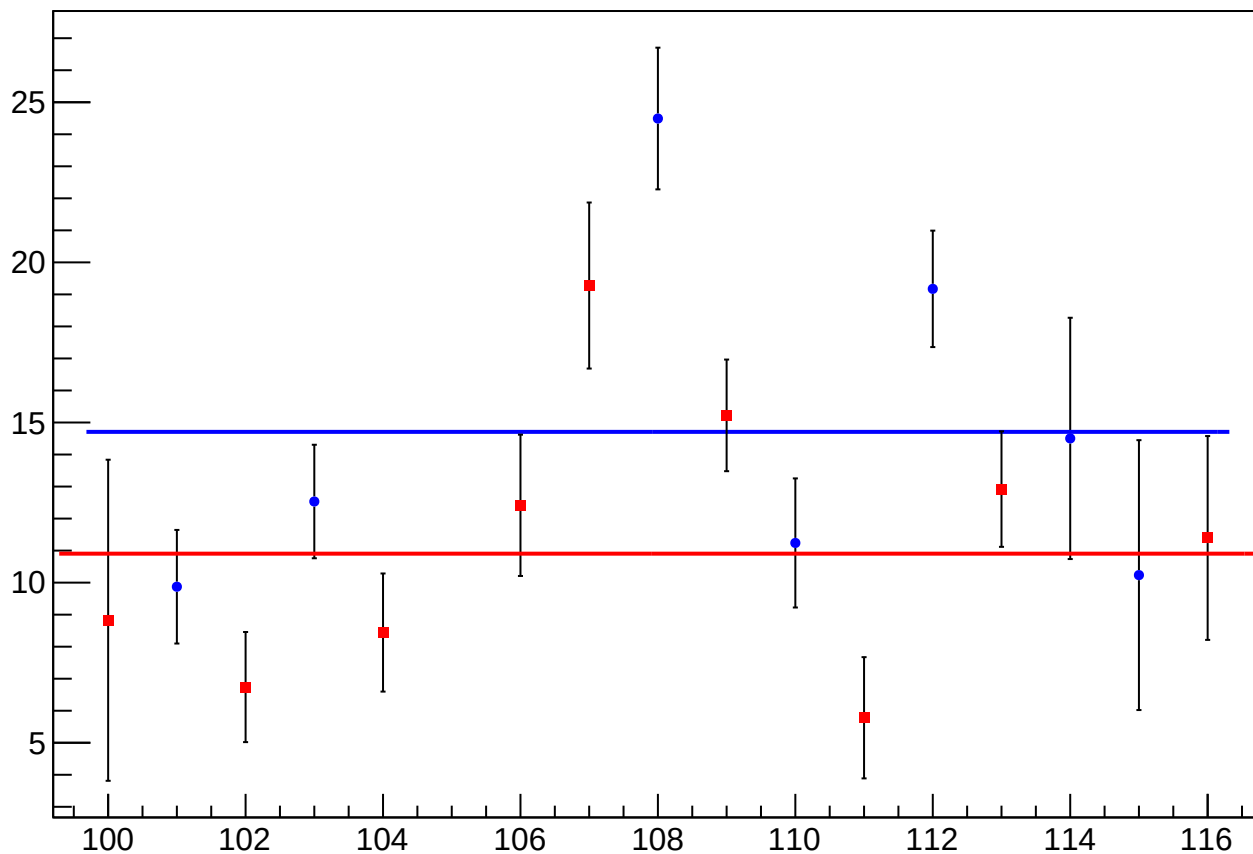
Right: 1888.192+/-0.566 χ^2/NDF : 655717.0/15

In: 2058.335+/-0.920 χ^2/NDF : 136745.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.192+/-0.566 χ^2/NDF : 655717.0/15

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.708 $\pm$ 0.812 χ^2 /NDF: 38.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.905 $\pm$ 0.700 χ^2 /NDF: 33.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

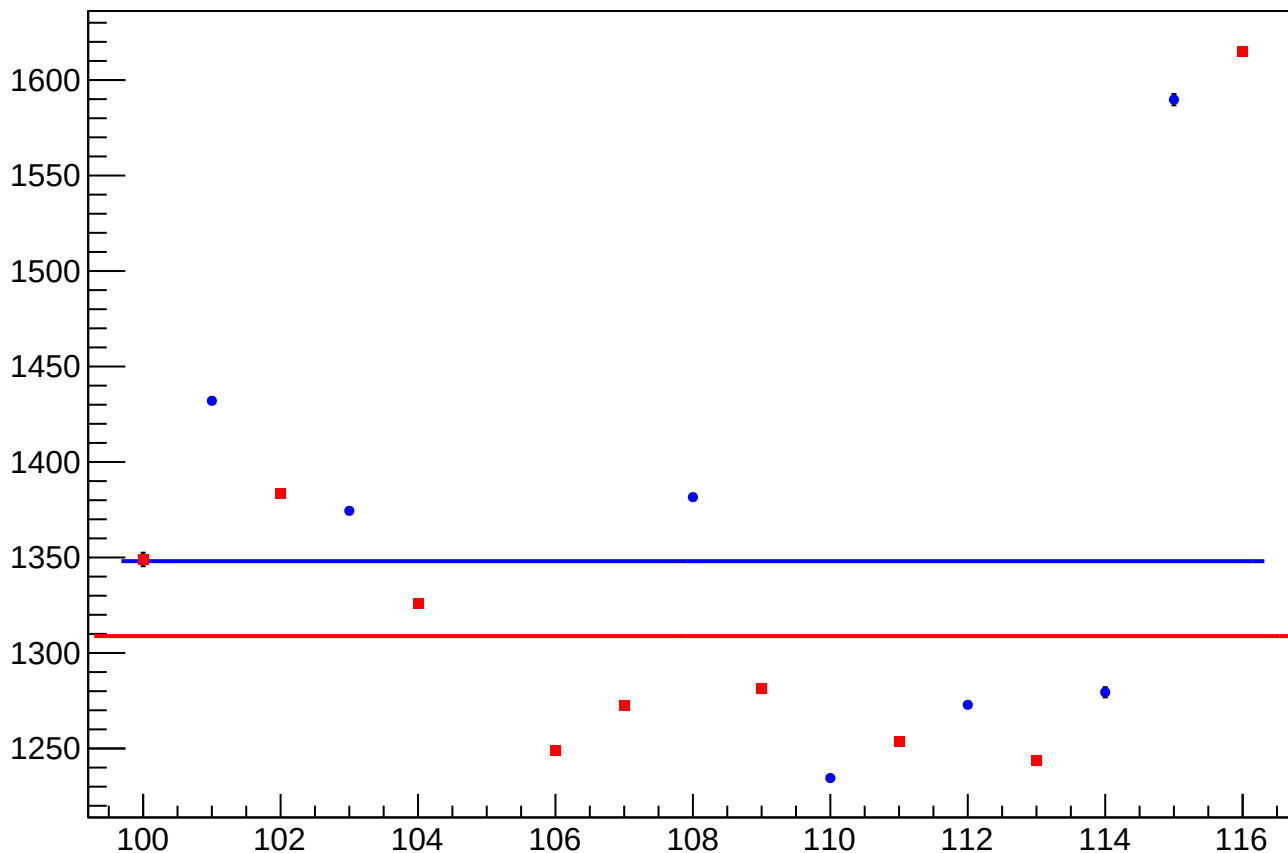
Right: 12.526 $\pm$ 0.530 χ^2 /NDF: 84.7/15

In: 14.708 $\pm$ 0.812 χ^2 /NDF: 38.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.526 $\pm$ 0.530 χ^2 /NDF: 84.7/15

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1348.076+/-0.574 χ^2/NDF : 22402.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1308.834+/-0.495 χ^2/NDF : 29248.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

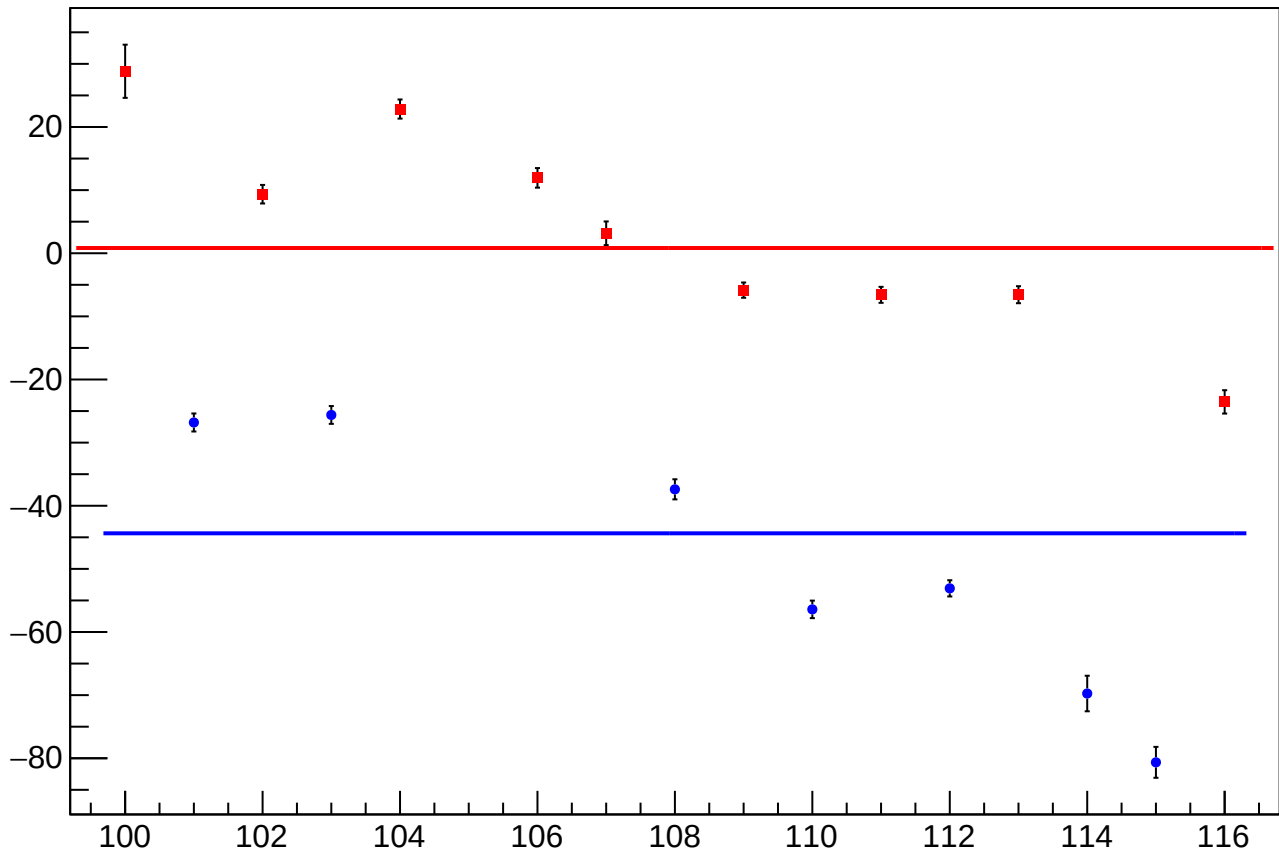
Right: 1325.561+/-0.375 χ^2/NDF : 54329.8/15

In: 1348.076+/-0.574 χ^2/NDF : 22402.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.561+/-0.375 χ^2/NDF : 54329.8/15

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -44.365+/-0.597 χ^2/NDF : 769.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.830+/-0.512 χ^2/NDF : 610.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

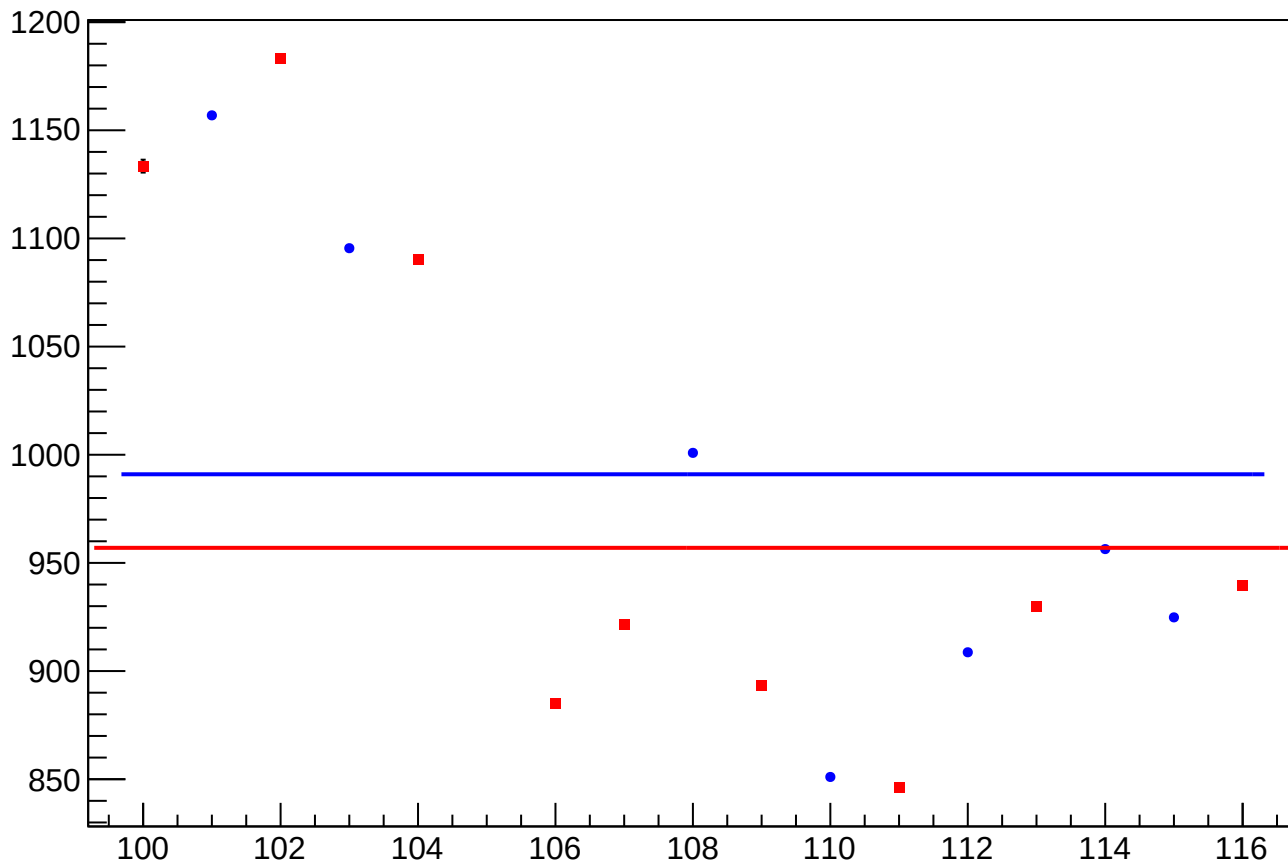
Right: -18.341+/-0.389 χ^2/NDF : 4679.1/15

In: -44.365+/-0.597 χ^2/NDF : 769.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.341+/-0.389 χ^2/NDF : 4679.1/15

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 990.972+/-0.422 χ^2/NDF : 68368.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.965+/-0.362 χ^2/NDF : 93296.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

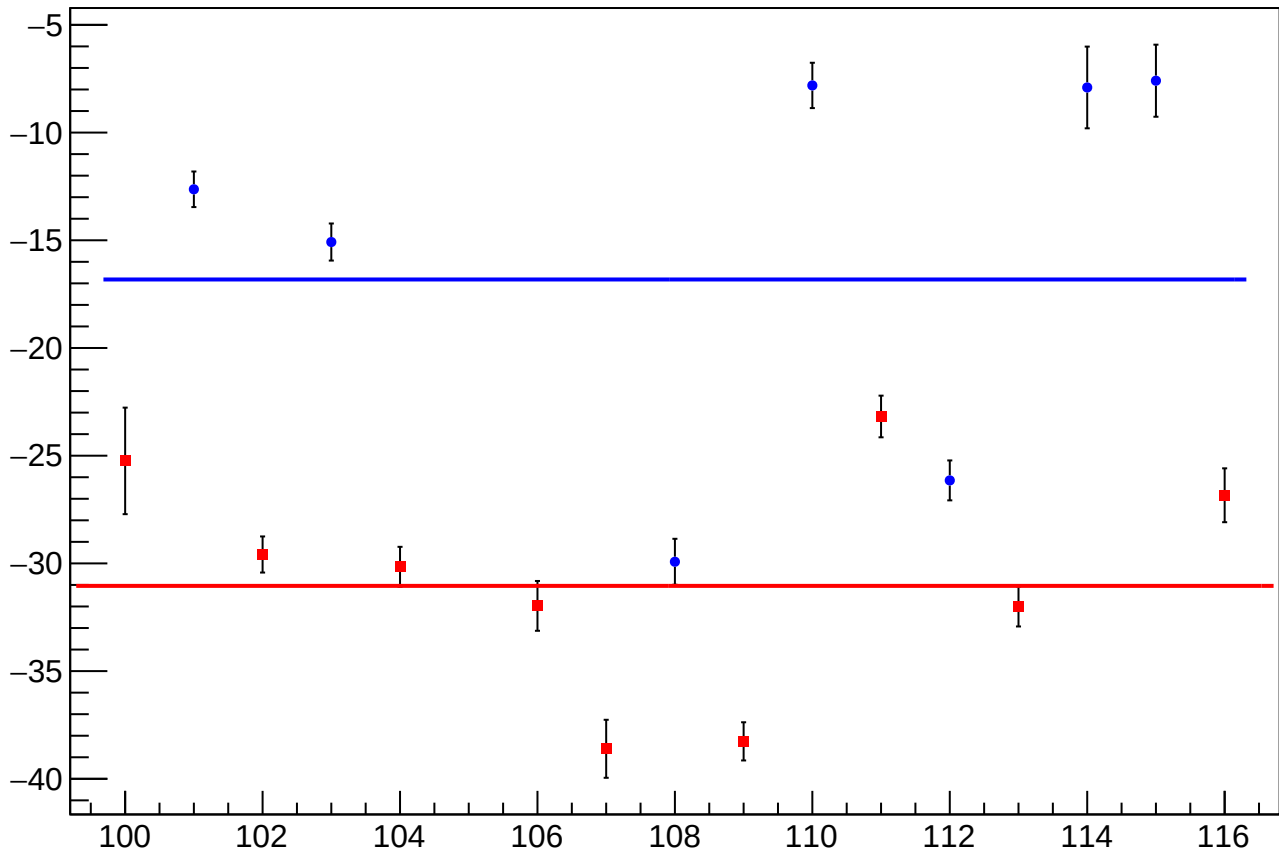
Right: 971.390+/-0.275 χ^2/NDF : 165399.9/15

In: 990.972+/-0.422 χ^2/NDF : 68368.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.390+/-0.275 χ^2/NDF : 165399.9/15

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -16.820+/-0.395 χ^2/NDF : 408.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.044+/-0.349 χ^2/NDF : 186.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

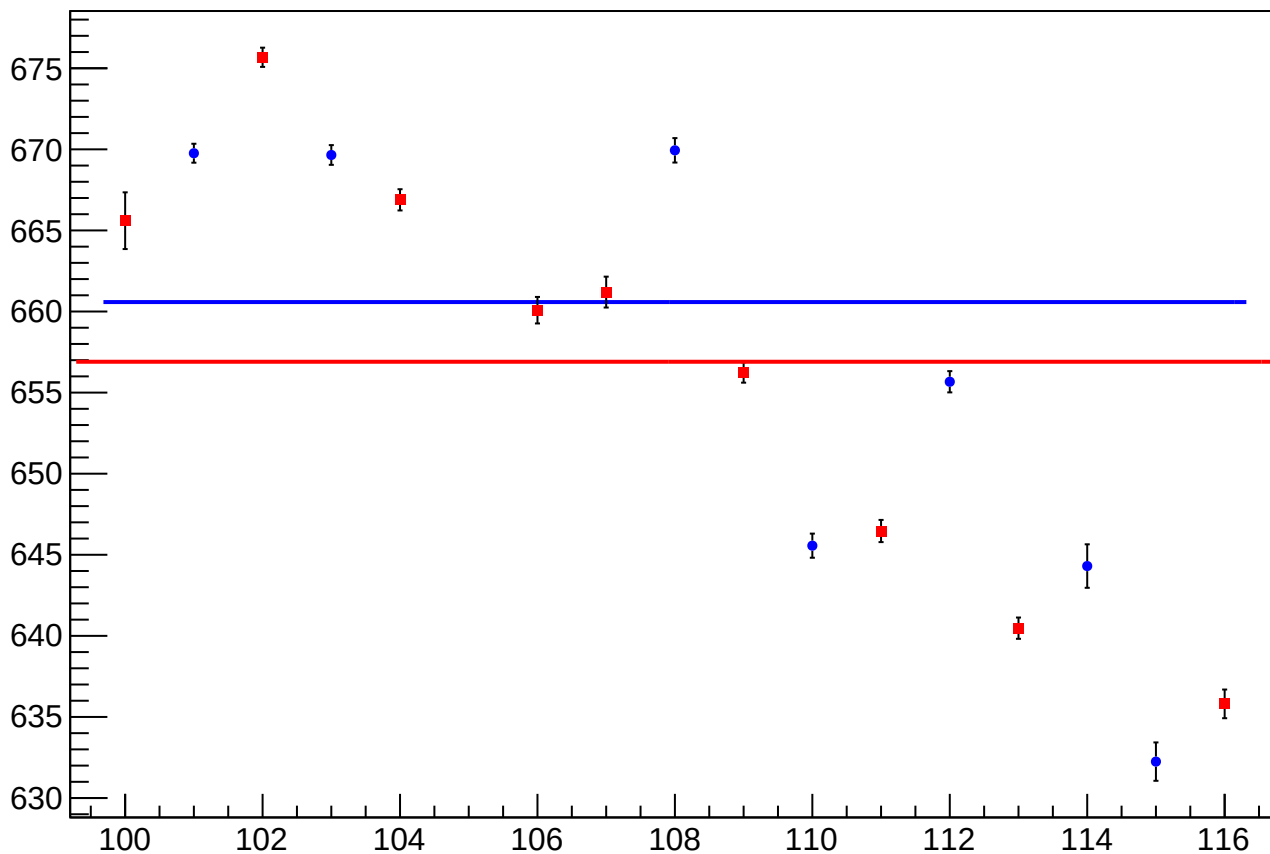
Right: -24.807+/-0.262 χ^2/NDF : 1321.5/15

In: -16.820+/-0.395 χ^2/NDF : 408.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.807+/-0.262 χ^2/NDF : 1321.5/15

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 660.583 $\pm$ 0.280 χ^2 /NDF: 1808.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 656.902 $\pm$ 0.247 χ^2 /NDF: 2726.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

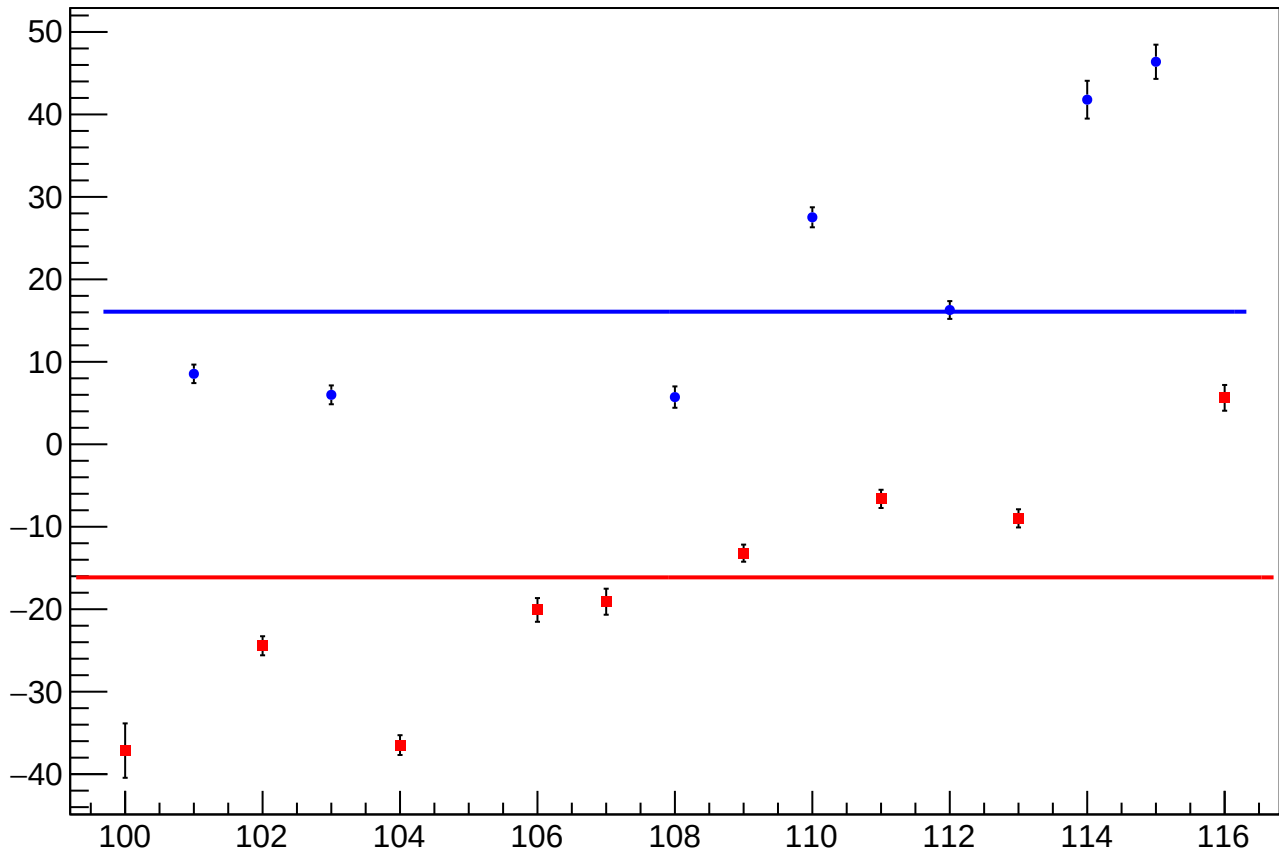
Right: 658.516 $\pm$ 0.185 χ^2 /NDF: 4631.5/15

In: 660.583 $\pm$ 0.280 χ^2 /NDF:1808.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 658.516 $\pm$ 0.185 χ^2 /NDF: 4631.5/15

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 16.080 $\pm$ 0.493 χ^2 /NDF: 615.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.138 $\pm$ 0.430 χ^2 /NDF: 708.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

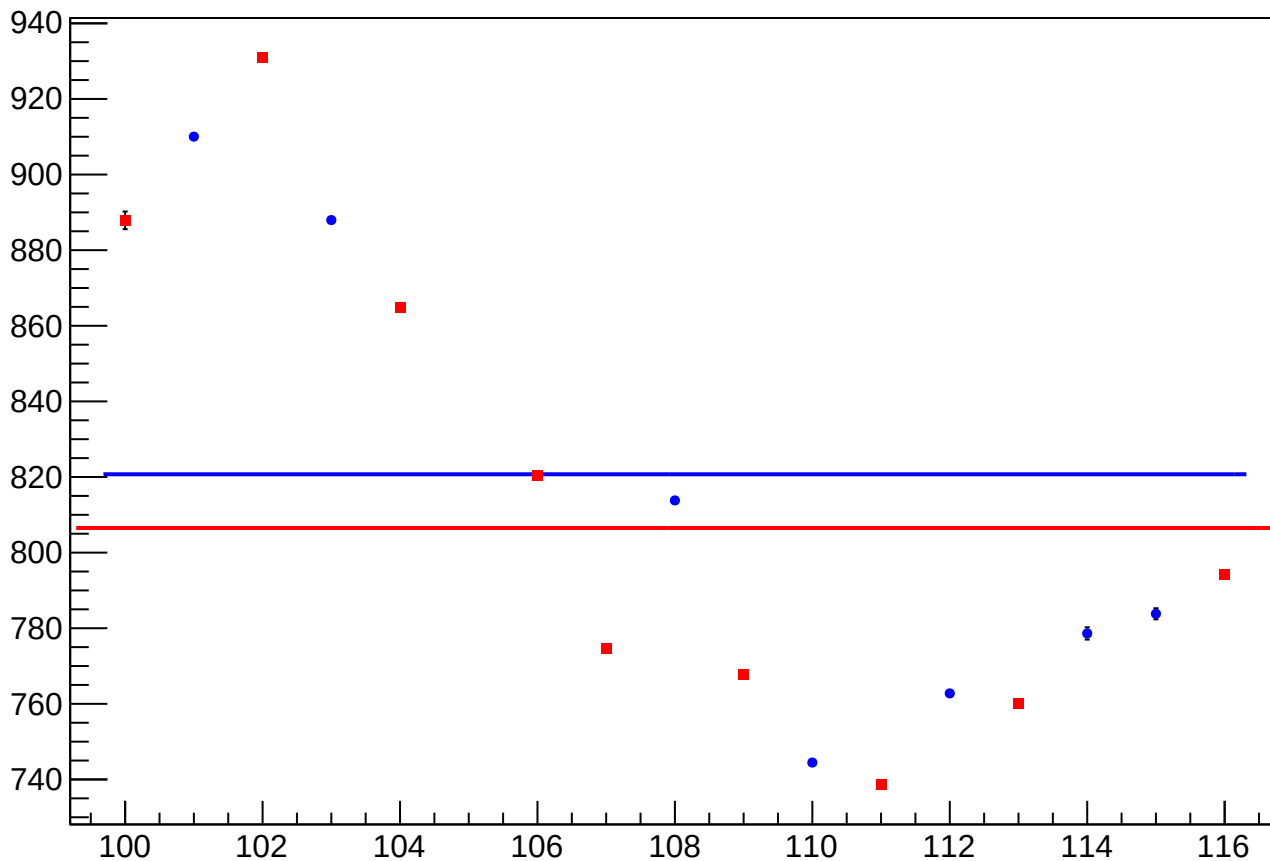
Right: -2.200 $\pm$ 0.324 χ^2 /NDF: 3748.8/15

In: 16.080 $\pm$ 0.493 χ^2 /NDF: 615.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.200 $\pm$ 0.324 χ^2 /NDF: 3748.8/15

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 820.726+/-0.348 χ^2/NDF : 34623.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.519+/-0.304 χ^2/NDF : 44120.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

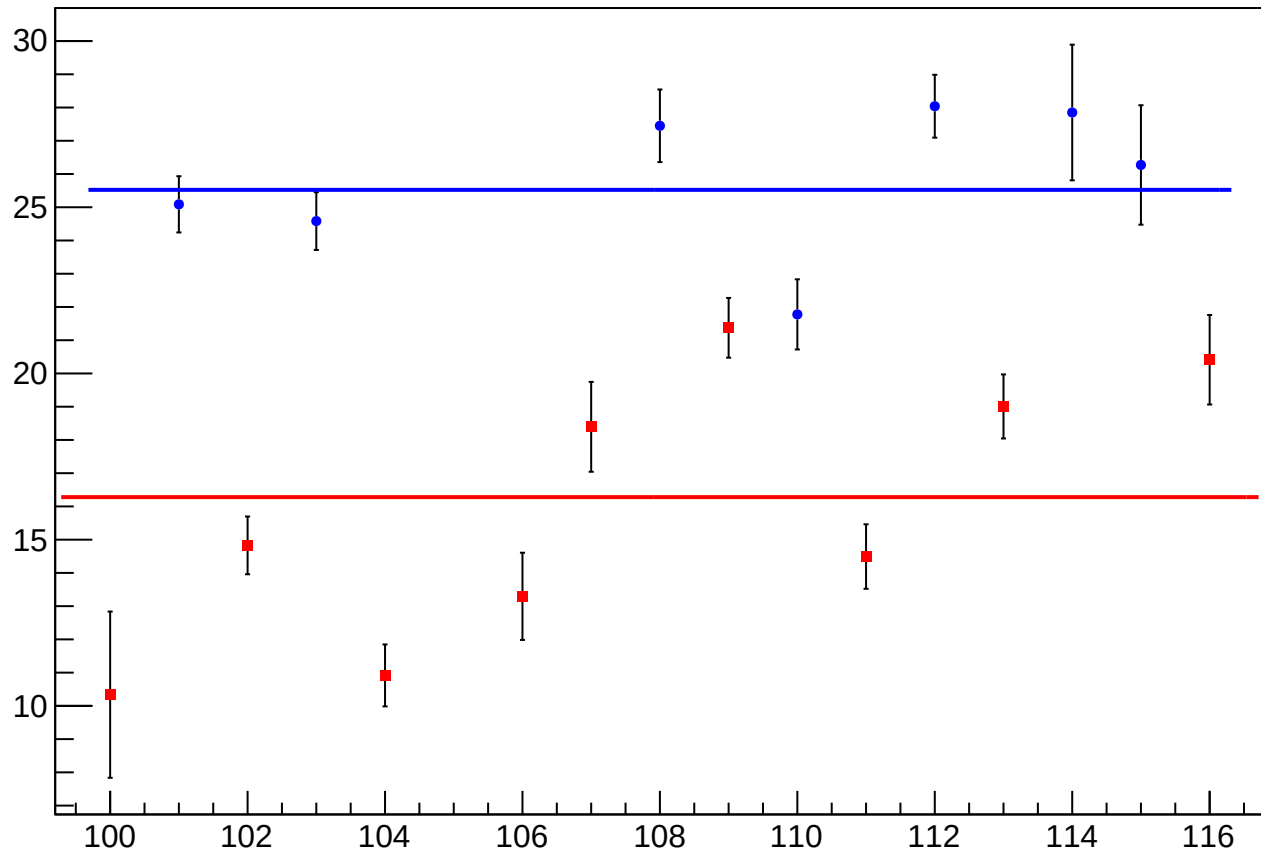
Right: 812.665+/-0.229 χ^2/NDF : 79687.3/15

In: 820.726+/-0.348 χ^2/NDF : 34623.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.665+/-0.229 χ^2/NDF : 79687.3/15

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 25.524+/-0.404 χ^2/NDF : 25.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.280+/-0.361 χ^2/NDF : 102.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

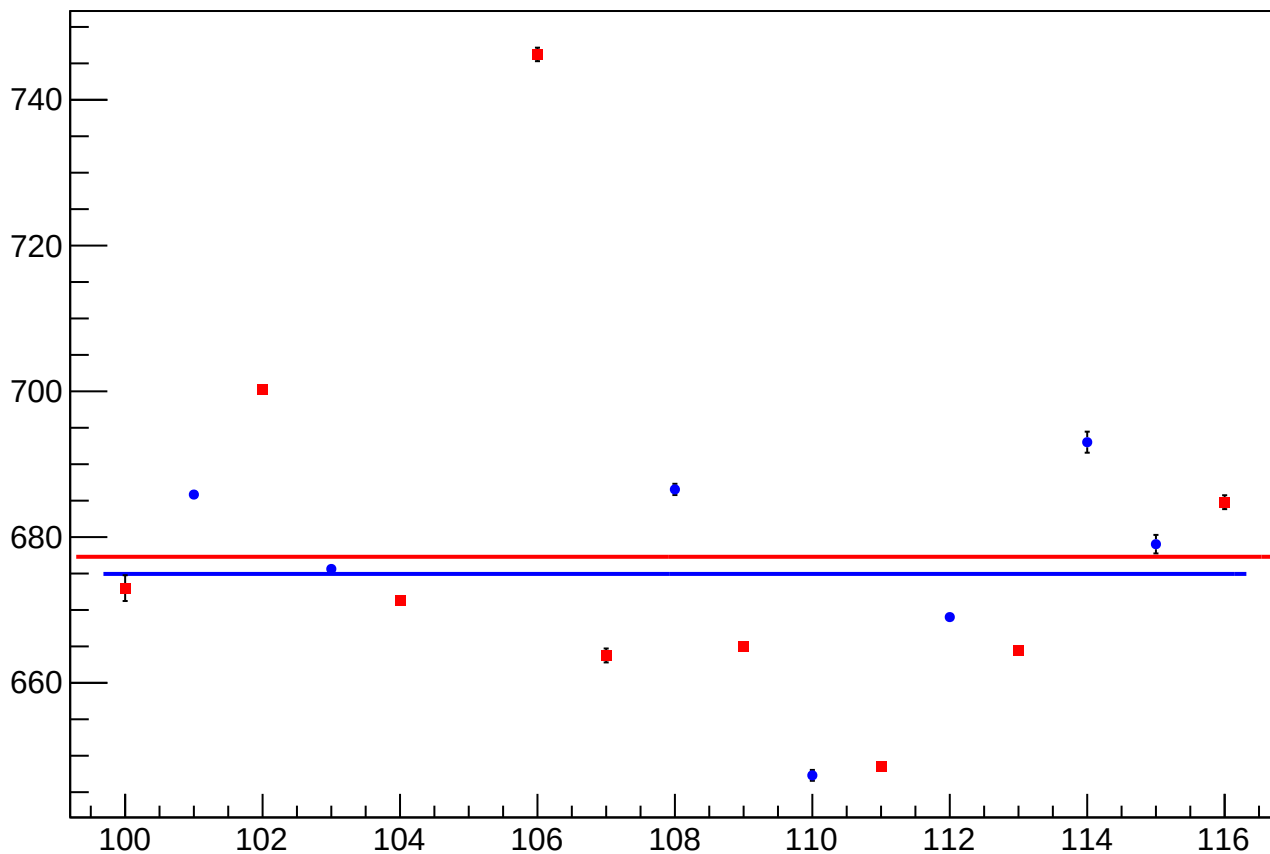
Right: 20.377+/-0.269 χ^2/NDF : 419.3/15

In: 25.524+/-0.404 χ^2/NDF :25.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.377+/-0.269 χ^2/NDF : 419.3/15

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 674.947 ± 0.286 χ^2/NDF : 2176.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 677.298 ± 0.255 χ^2/NDF : 9763.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

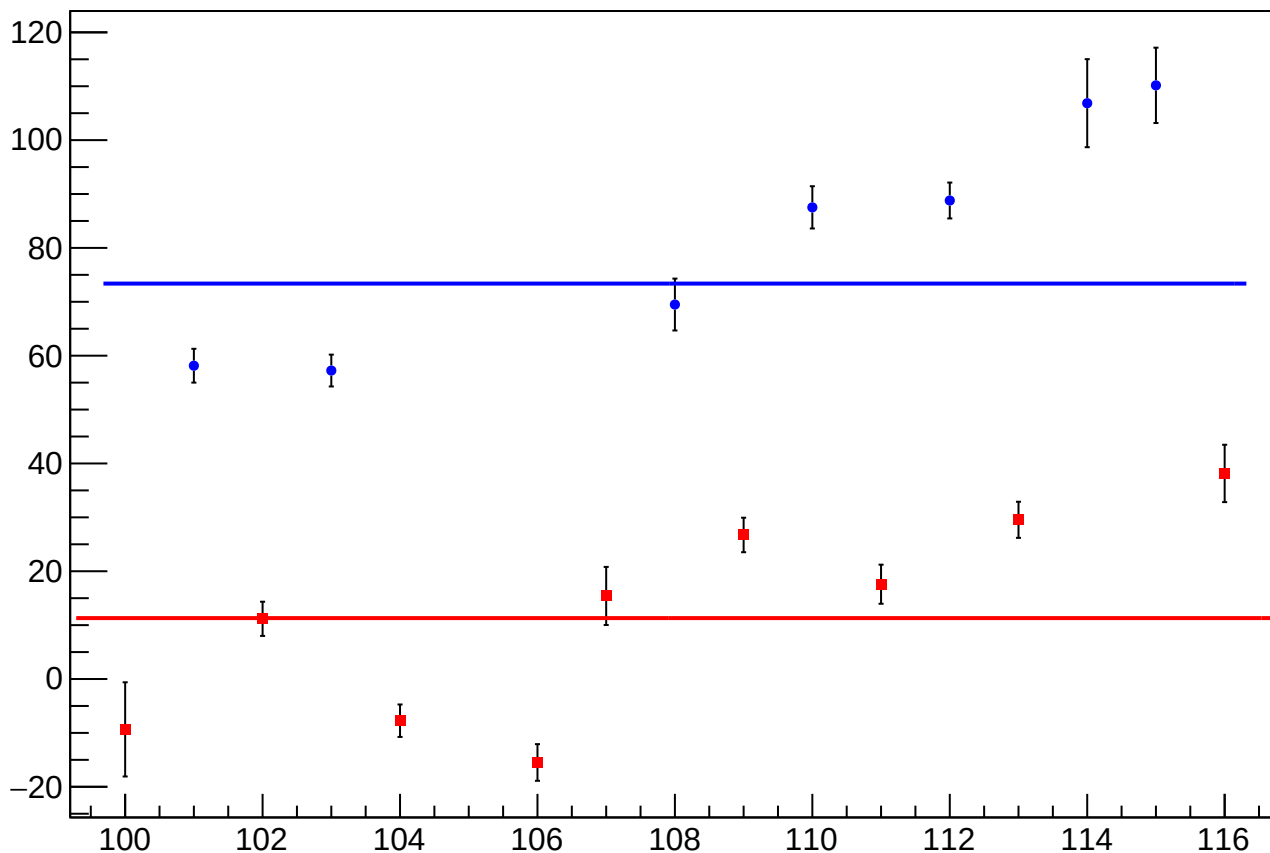
Right: 676.256 ± 0.190 χ^2/NDF : 11976.7/15

In: 674.947 ± 0.286 χ^2/NDF : 2176.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 676.256 ± 0.190 χ^2/NDF : 11976.7/15

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 73.378+/-1.490 χ^2/NDF : 133.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.304+/-1.249 χ^2/NDF : 189.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

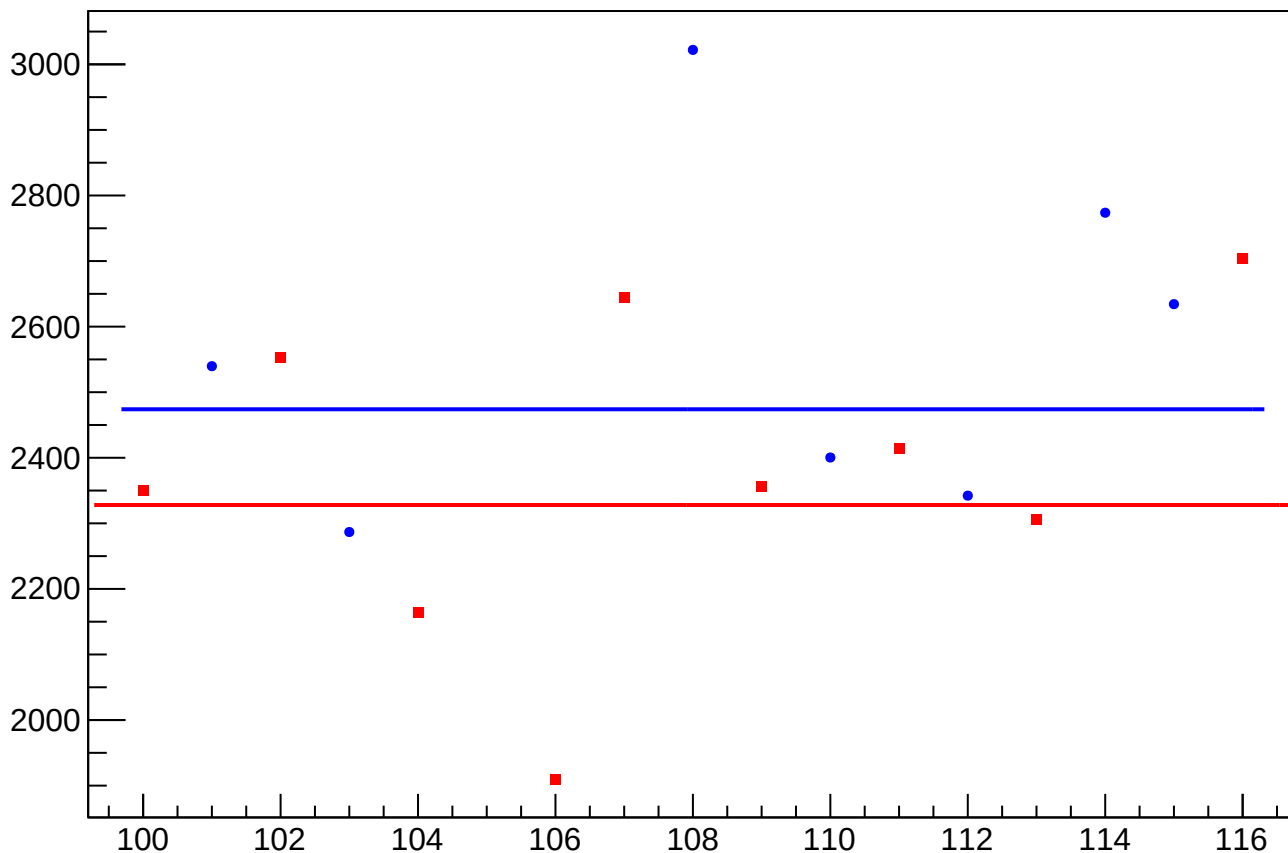
Right: 36.906+/-0.957 χ^2/NDF : 1341.6/15

In: 73.378+/-1.490 χ^2/NDF : 133.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.906+/-0.957 χ^2/NDF : 1341.6/15

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2473.967 $\pm$ 1.054 χ^2 /NDF: 42422.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2327.962 $\pm$ 0.883 χ^2 /NDF: 64576.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

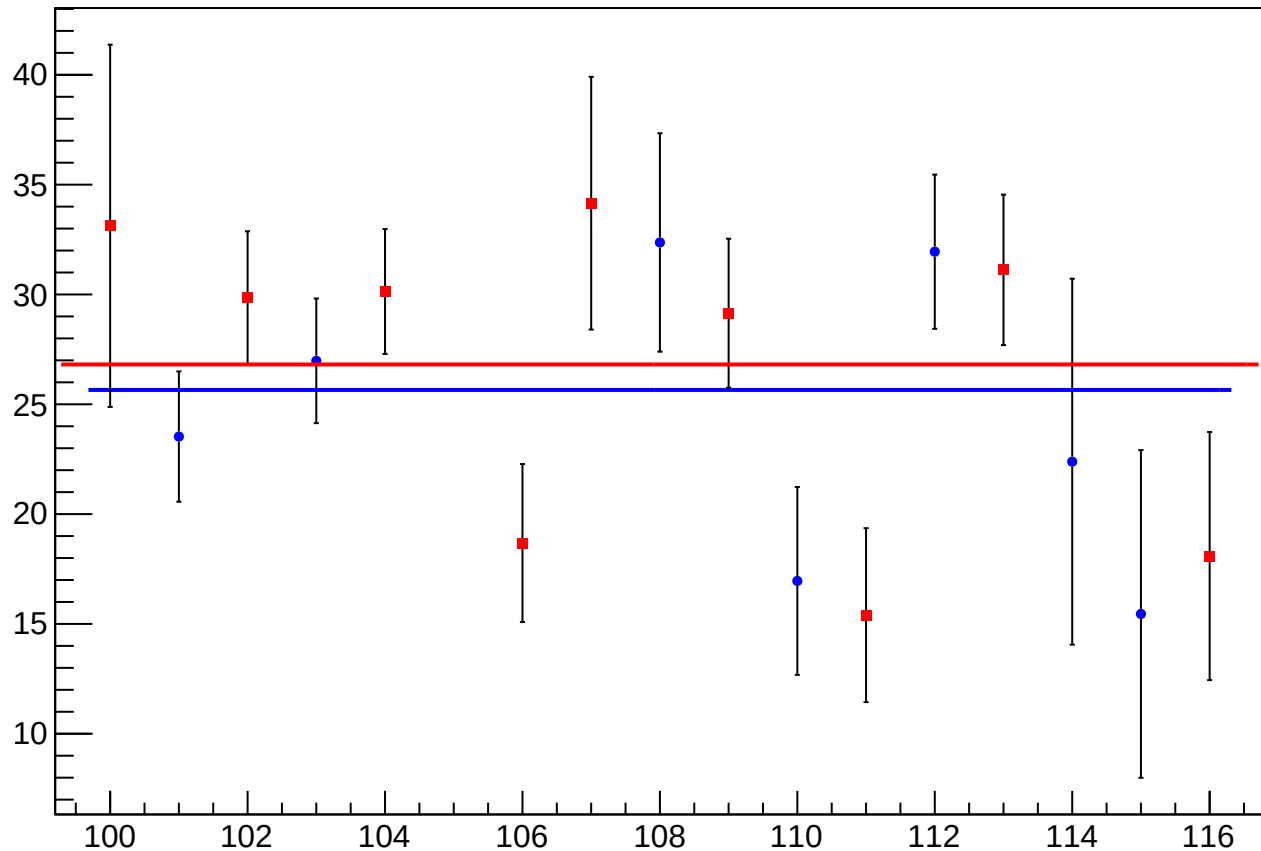
Right: 2388.180 $\pm$ 0.677 χ^2 /NDF: 118275.3/15

In: 2473.967 $\pm$ 1.054 χ^2 /NDF:42422.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2388.180 $\pm$ 0.677 χ^2 /NDF: 118275.3/15

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 25.653+/-1.496 χ^2/NDF : 11.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.812+/-1.267 χ^2/NDF : 22.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

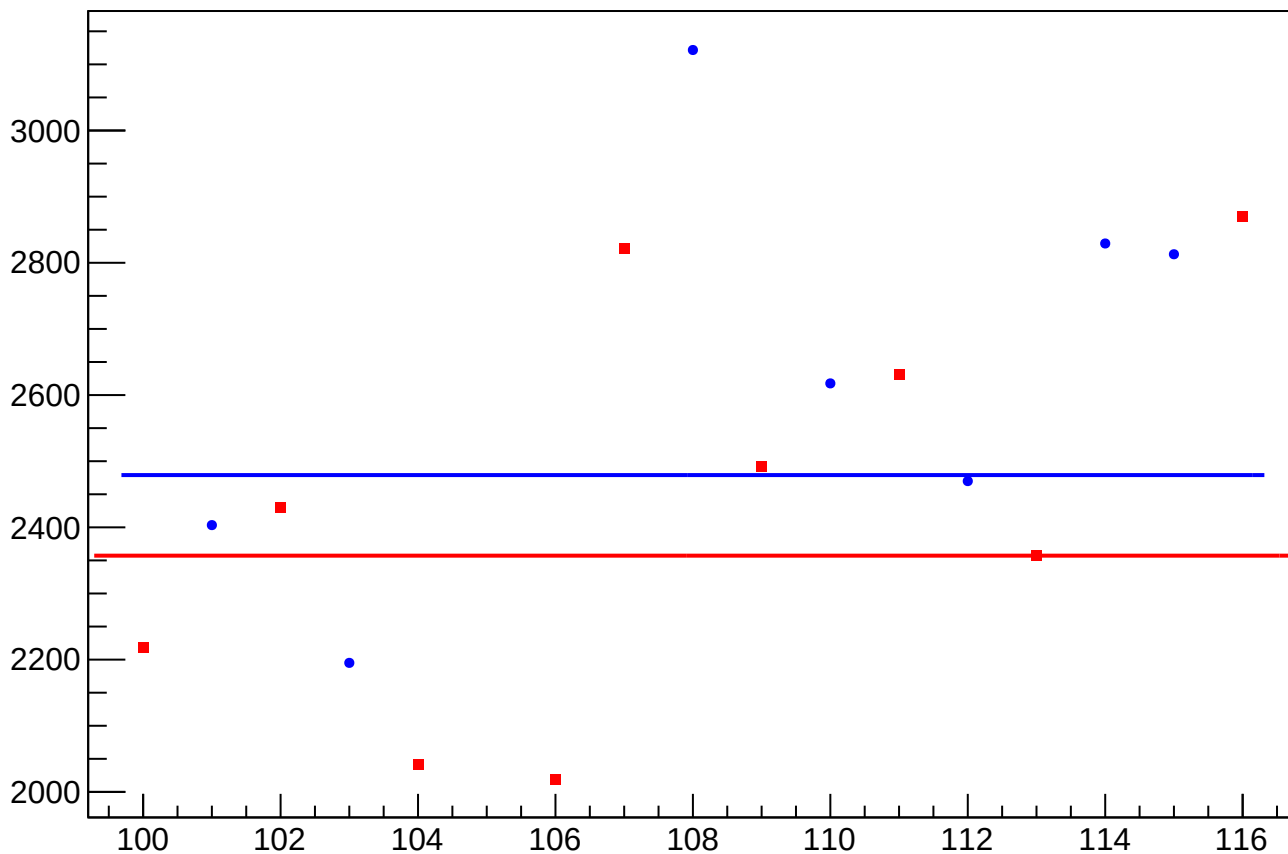
Right: 26.328+/-0.967 χ^2/NDF : 34.7/15

In: 25.653+/-1.496 χ^2/NDF : 11.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.328+/-0.967 χ^2/NDF : 34.7/15

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2479.033+/-1.058 χ^2/NDF : 64414.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2357.198+/-0.896 χ^2/NDF : 86445.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

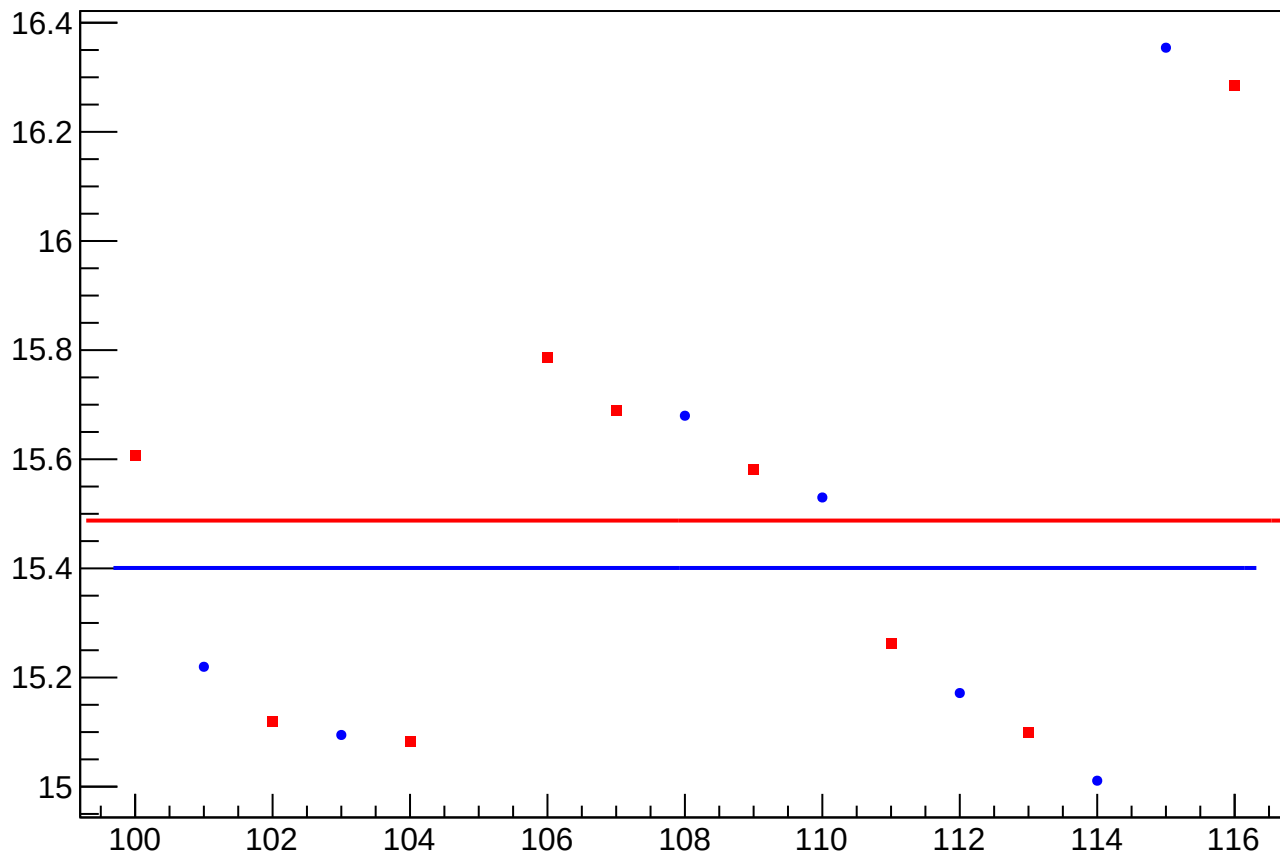
Right: 2408.072+/-0.684 χ^2/NDF : 158581.3/15

In: 2479.033+/-1.058 χ^2/NDF : 64414.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2408.072+/-0.684 χ^2/NDF : 158581.3/15

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.401+/-0.000 χ^2/NDF : 549284072.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.488+/-0.000 χ^2/NDF : 833234641.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

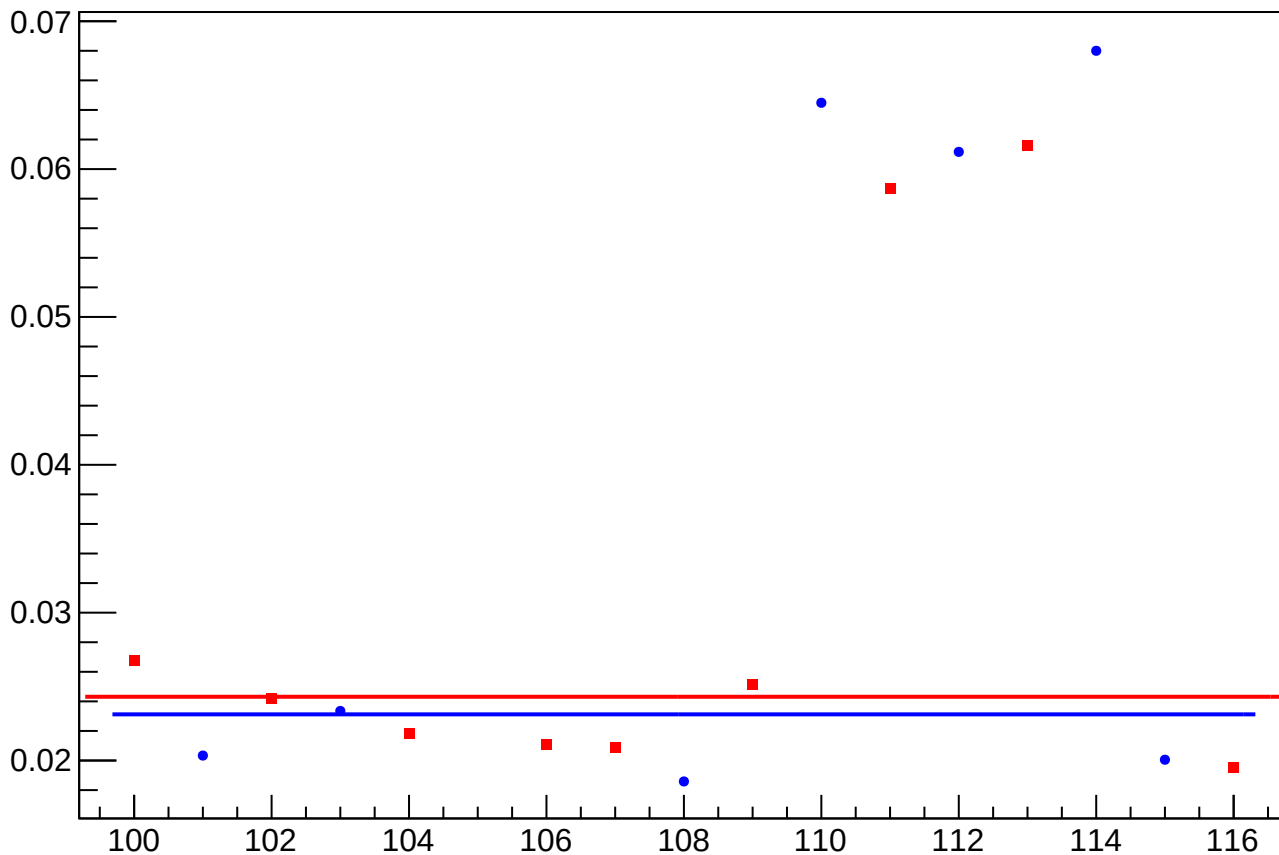
Right: 15.448+/-0.000 χ^2/NDF : 1398718854.6/15

In: 15.401+/-0.000 χ^2/NDF : 549284072.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.448+/-0.000 χ^2/NDF : 1398718854.6/15

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 794168.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 679574.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

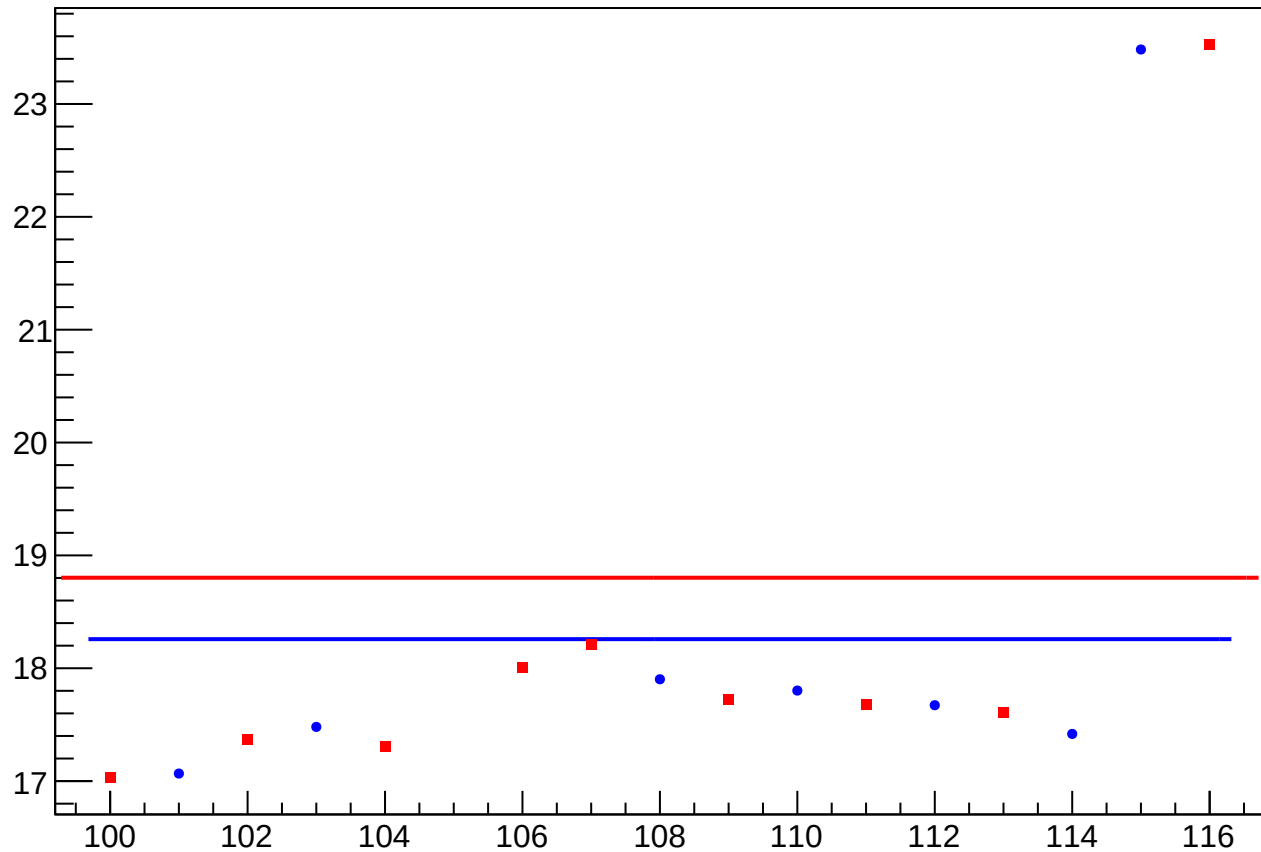
Right: 0.024+/-0.000 χ^2/NDF : 1479817.4/15

In: 0.023+/-0.000 χ^2/NDF : 794168.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1479817.4/15

yield_sam2_mean vs Slug, Sign Corrected



Right In: 18.258+/-0.000 χ^2/NDF : 180360984.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.802+/-0.000 χ^2/NDF : 309220415.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

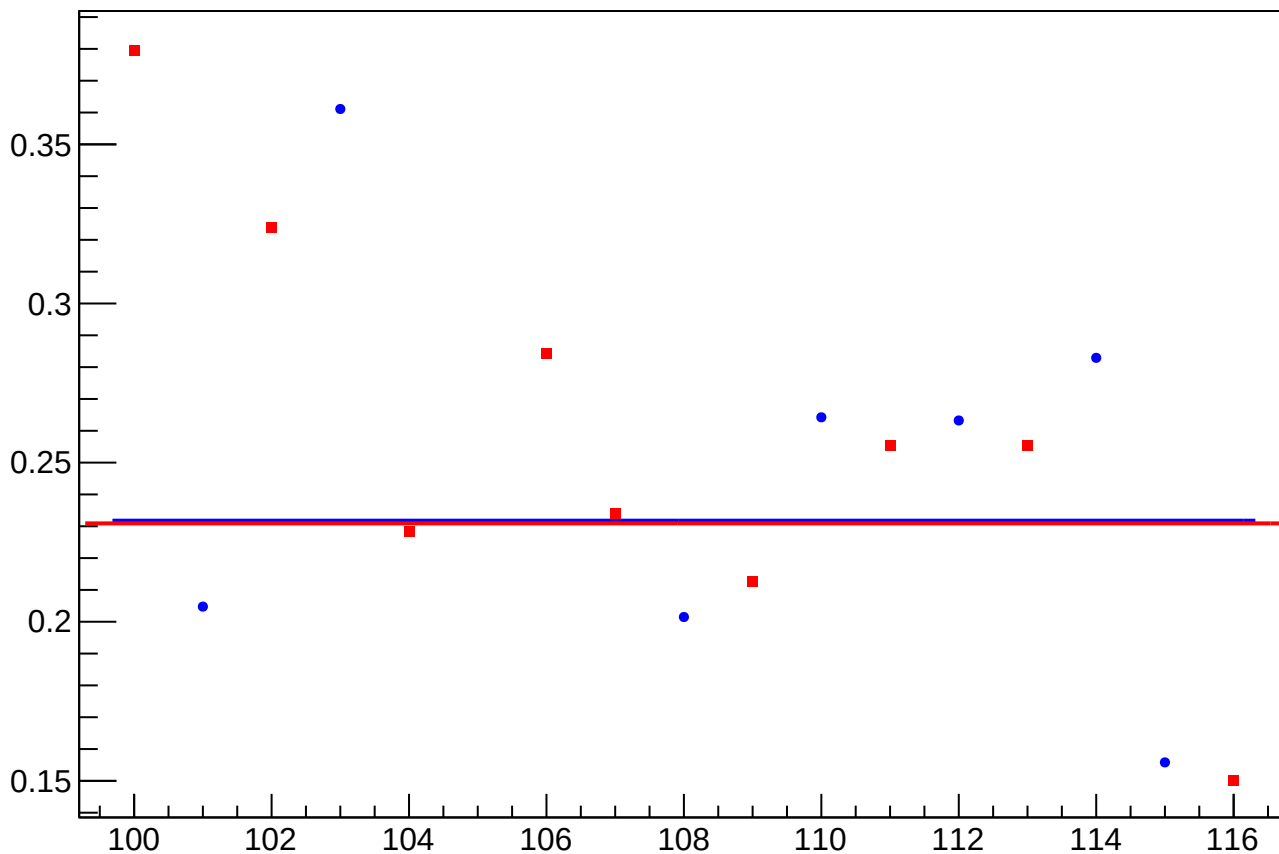
Right: 18.561+/-0.000 χ^2/NDF : 496837553.1/15

In: 18.258+/-0.000 χ^2/NDF : 180360984.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.561+/-0.000 χ^2/NDF : 496837553.1/15

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.232+/-0.000 χ^2/NDF : 281313.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.231+/-0.000 χ^2/NDF : 301649.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

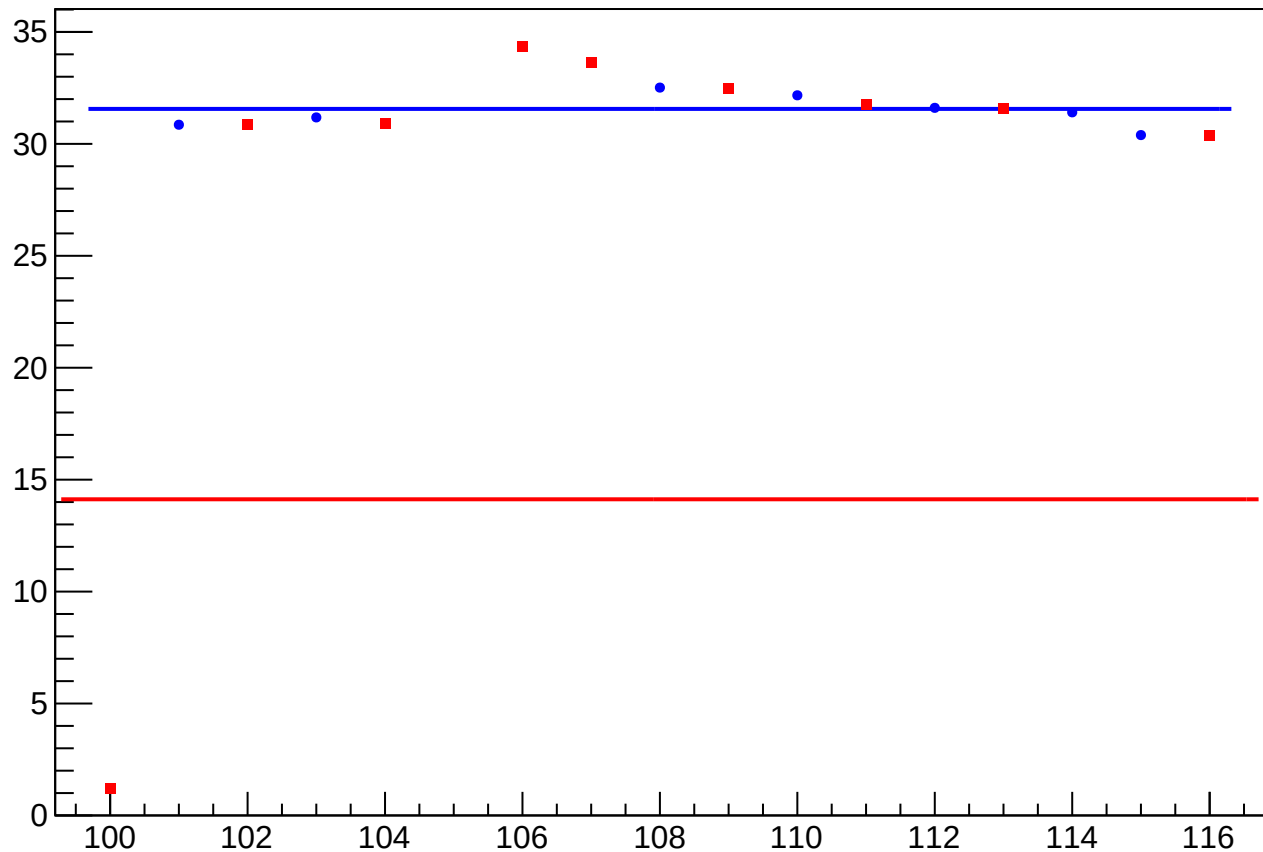
Right: 0.231+/-0.000 χ^2/NDF : 582997.9/15

In: 0.232+/-0.000 χ^2/NDF :281313.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.231+/-0.000 χ^2/NDF : 582997.9/15

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.562 $\pm$ 0.000 χ^2 /NDF: 71231974.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.123 $\pm$ 0.000 χ^2 /NDF: 153851912611.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

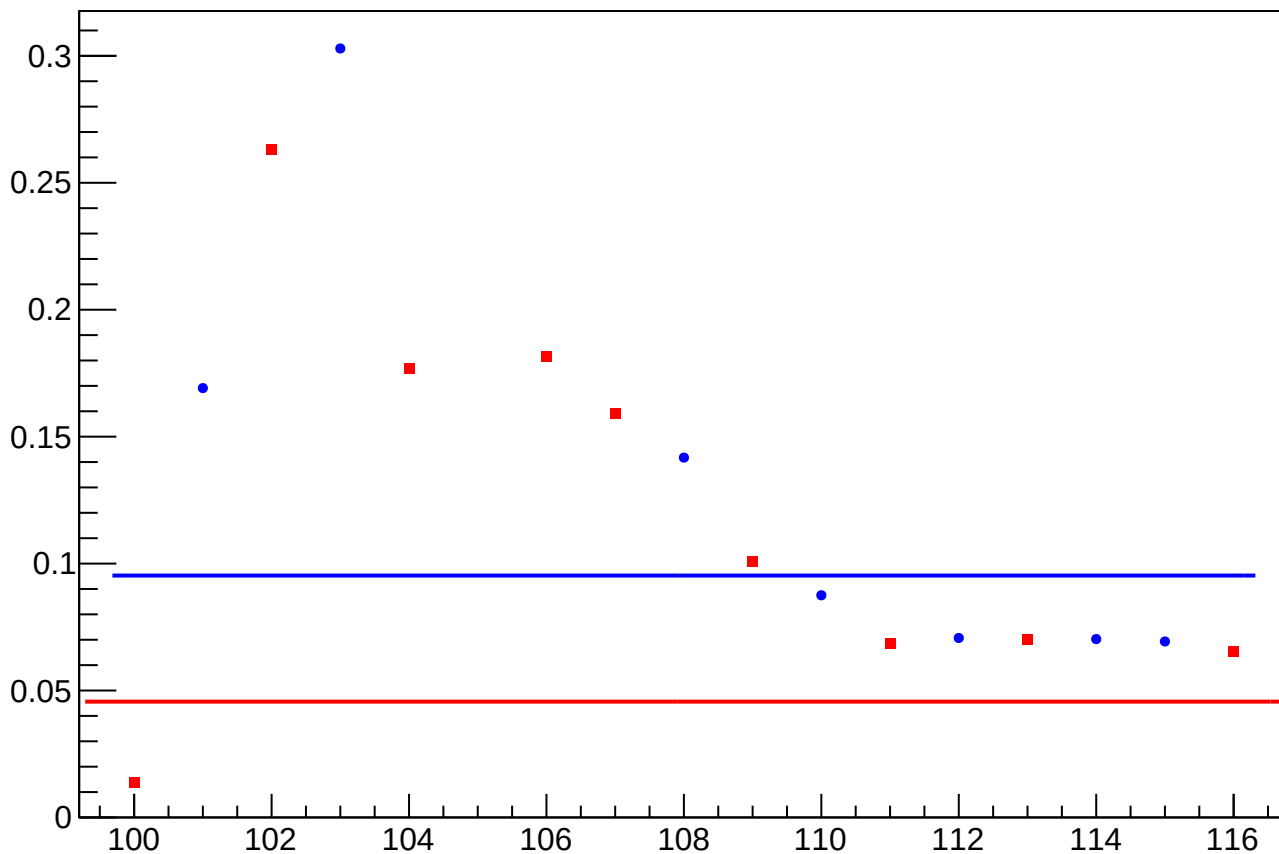
Right: 18.220 $\pm$ 0.000 χ^2 /NDF: 202400691953.8/15

In: 31.562 $\pm$ 0.000 χ^2 /NDF:71231974.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.220 $\pm$ 0.000 χ^2 /NDF: 202400691953.8/15

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.095+/-0.000 χ^2/NDF : 981589.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.046+/-0.000 χ^2/NDF : 2957559.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

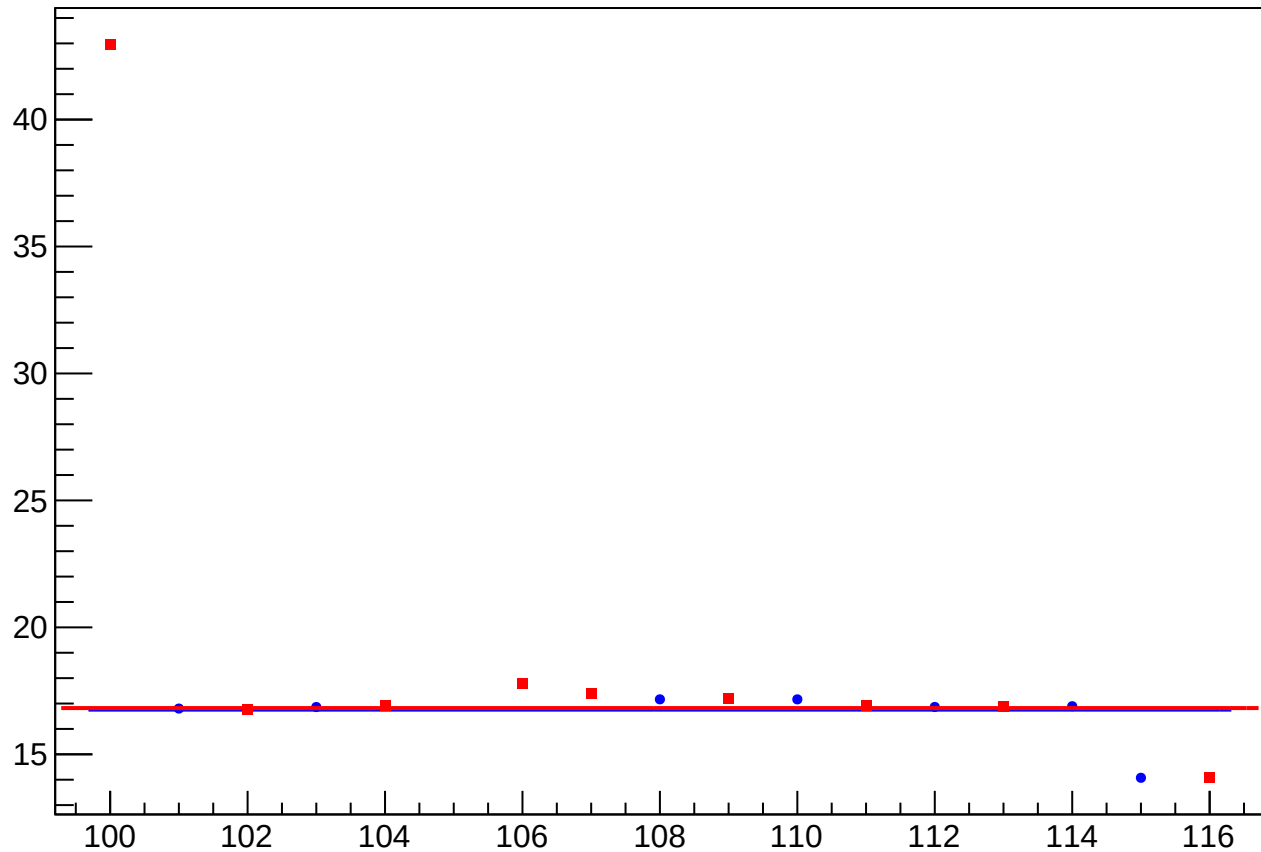
Right: 0.057+/-0.000 χ^2/NDF : 4725551.8/15

In: 0.095+/-0.000 χ^2/NDF : 981589.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 4725551.8/15

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.760+/-0.000 χ^2/NDF : 95273376.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.822+/-0.000 χ^2/NDF : 450919059.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

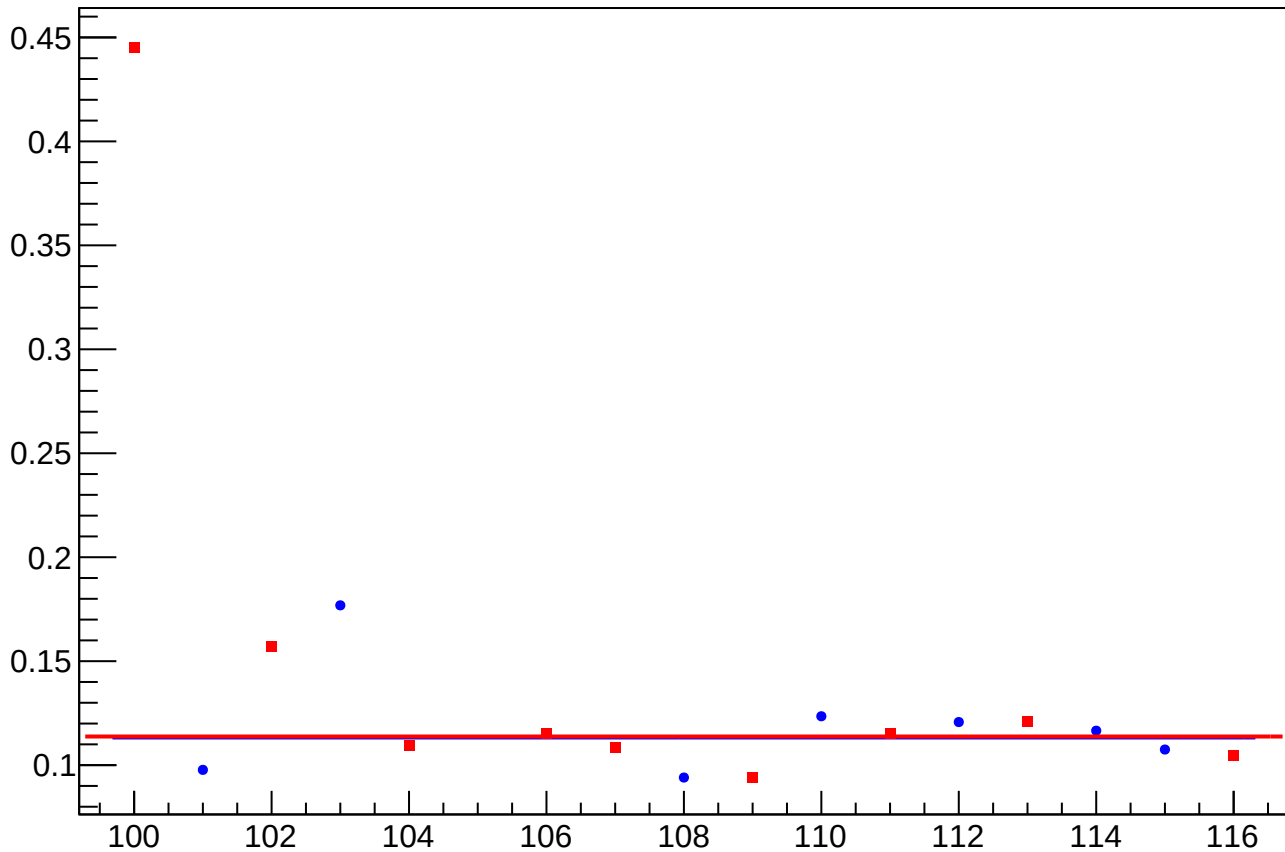
Right: 16.794+/-0.000 χ^2/NDF : 546573074.5/15

In: 16.760+/-0.000 χ^2/NDF : 95273376.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.794+/-0.000 χ^2/NDF : 546573074.5/15

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.113+/-0.000 χ^2/NDF : 215127.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.114+/-0.000 χ^2/NDF : 214330.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

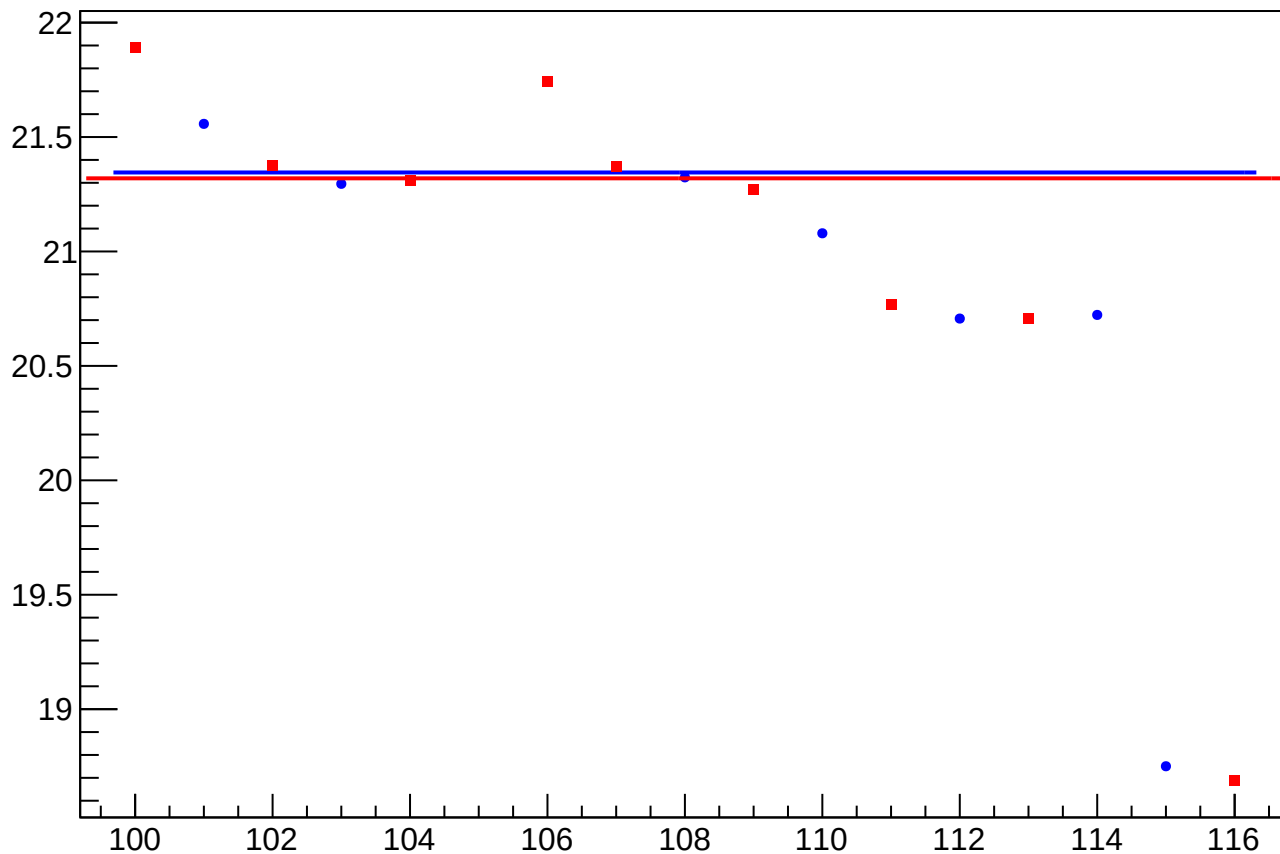
Right: 0.114+/-0.000 χ^2/NDF : 429501.5/15

In: 0.113+/-0.000 χ^2/NDF : 215127.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.000 χ^2/NDF : 429501.5/15

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.345+/-0.000 χ^2/NDF : 297039308.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.320+/-0.000 χ^2/NDF : 534170464.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

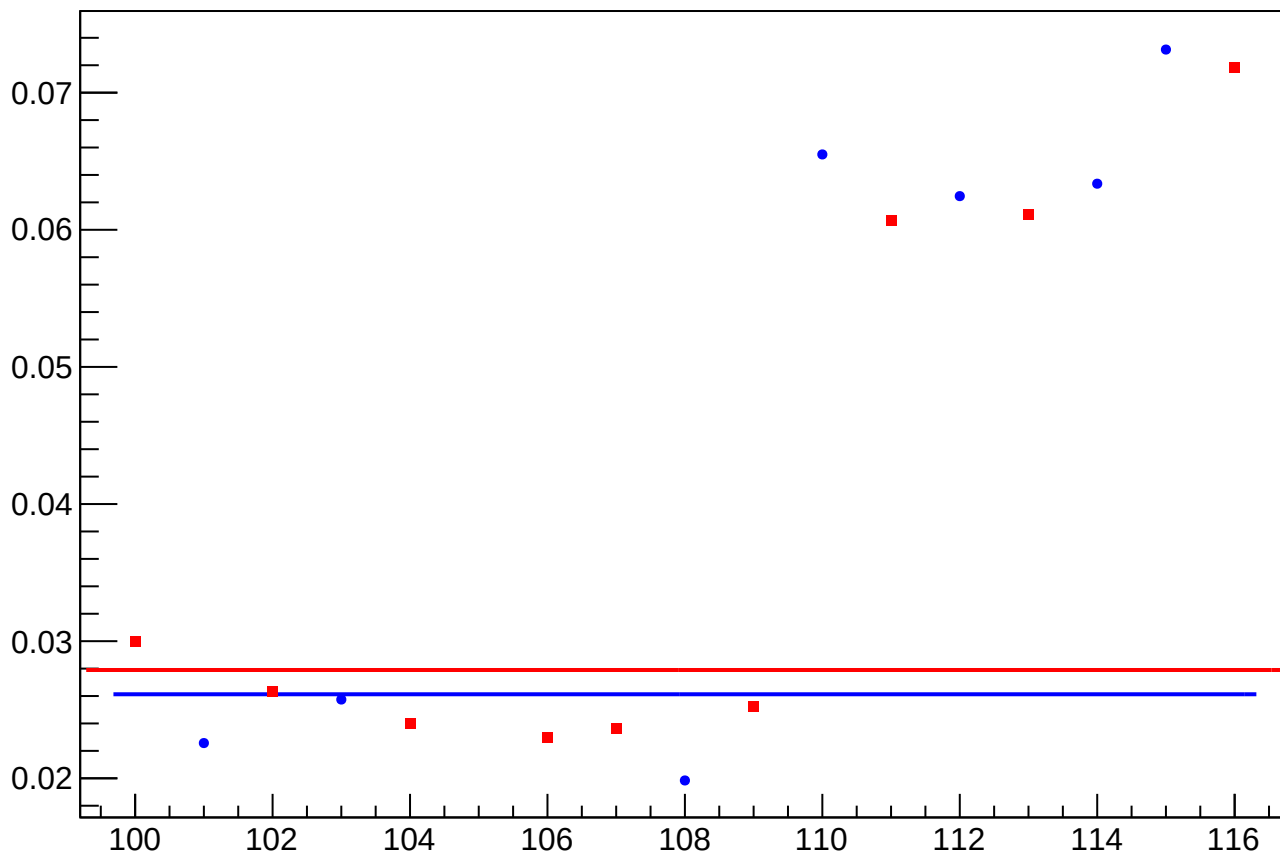
Right: 21.332+/-0.000 χ^2/NDF : 832278931.1/15

In: 21.345+/-0.000 χ^2/NDF : 297039308.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.332+/-0.000 χ^2/NDF : 832278931.1/15

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 836354.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 772769.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

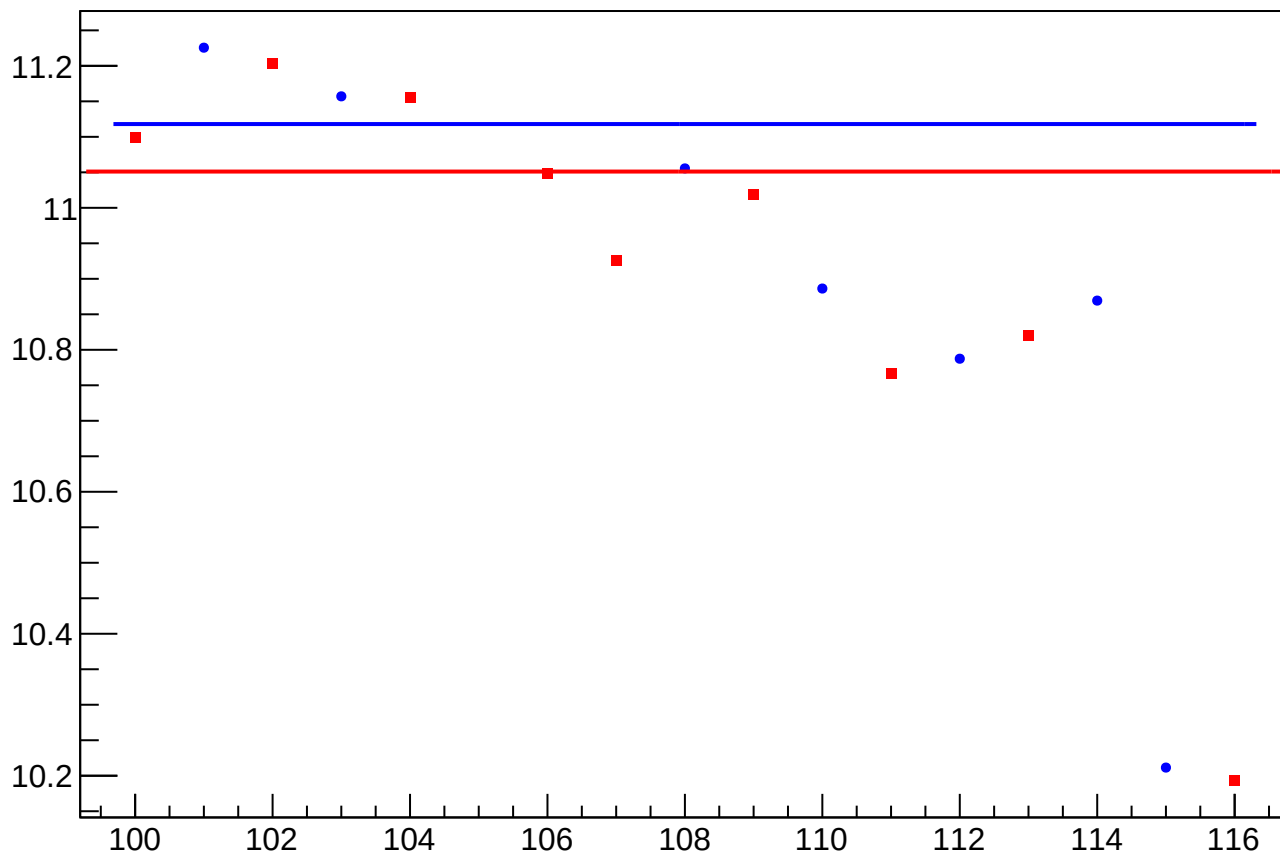
Right: 0.027+/-0.000 χ^2/NDF : 1619341.0/15

In: 0.026+/-0.000 χ^2/NDF : 836354.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 1619341.0/15

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.118+/-0.000 χ^2/NDF : 380017436.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.051+/-0.000 χ^2/NDF : 478134489.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

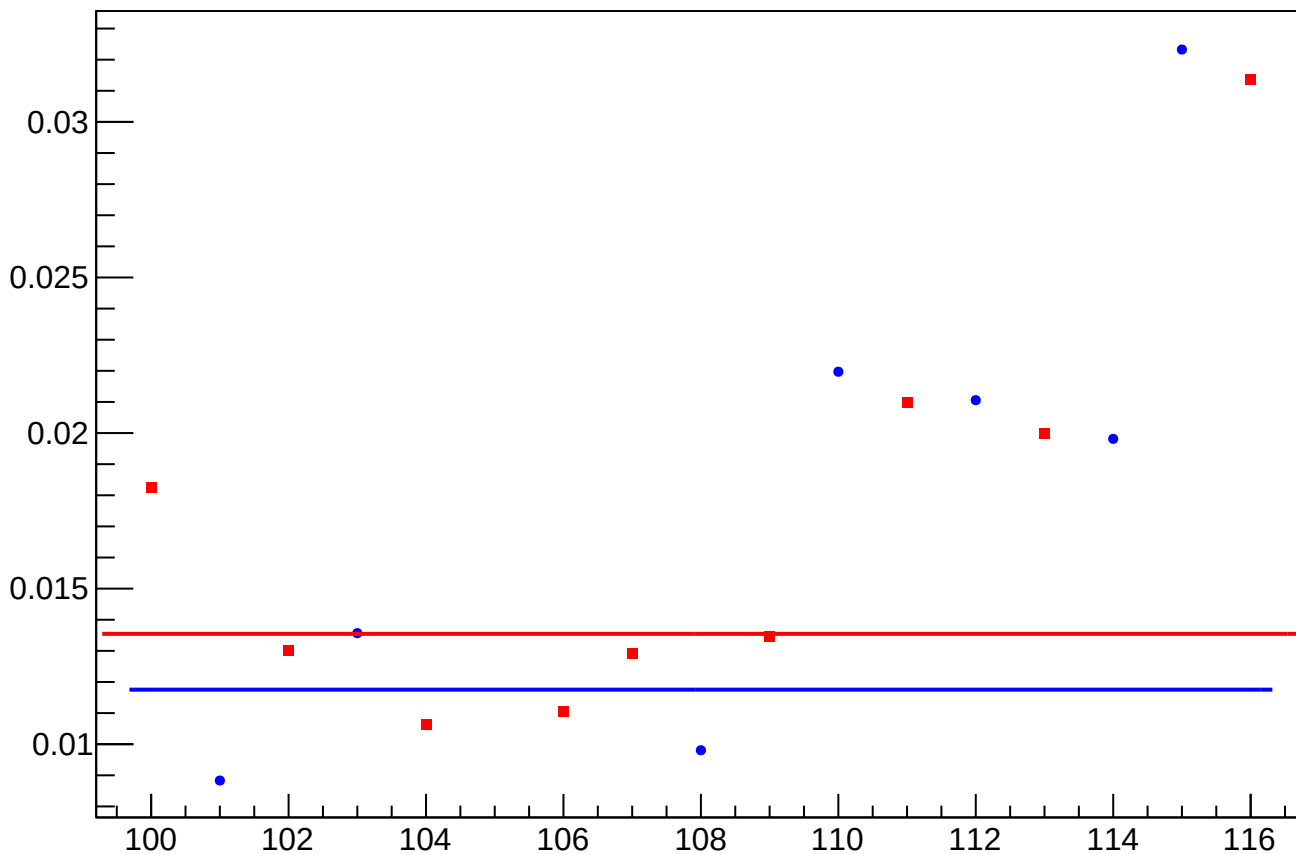
Right: 11.084+/-0.000 χ^2/NDF : 893587095.9/15

In: 11.118+/-0.000 χ^2/NDF : 380017436.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.084+/-0.000 χ^2/NDF : 893587095.9/15

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 641805.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 470997.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

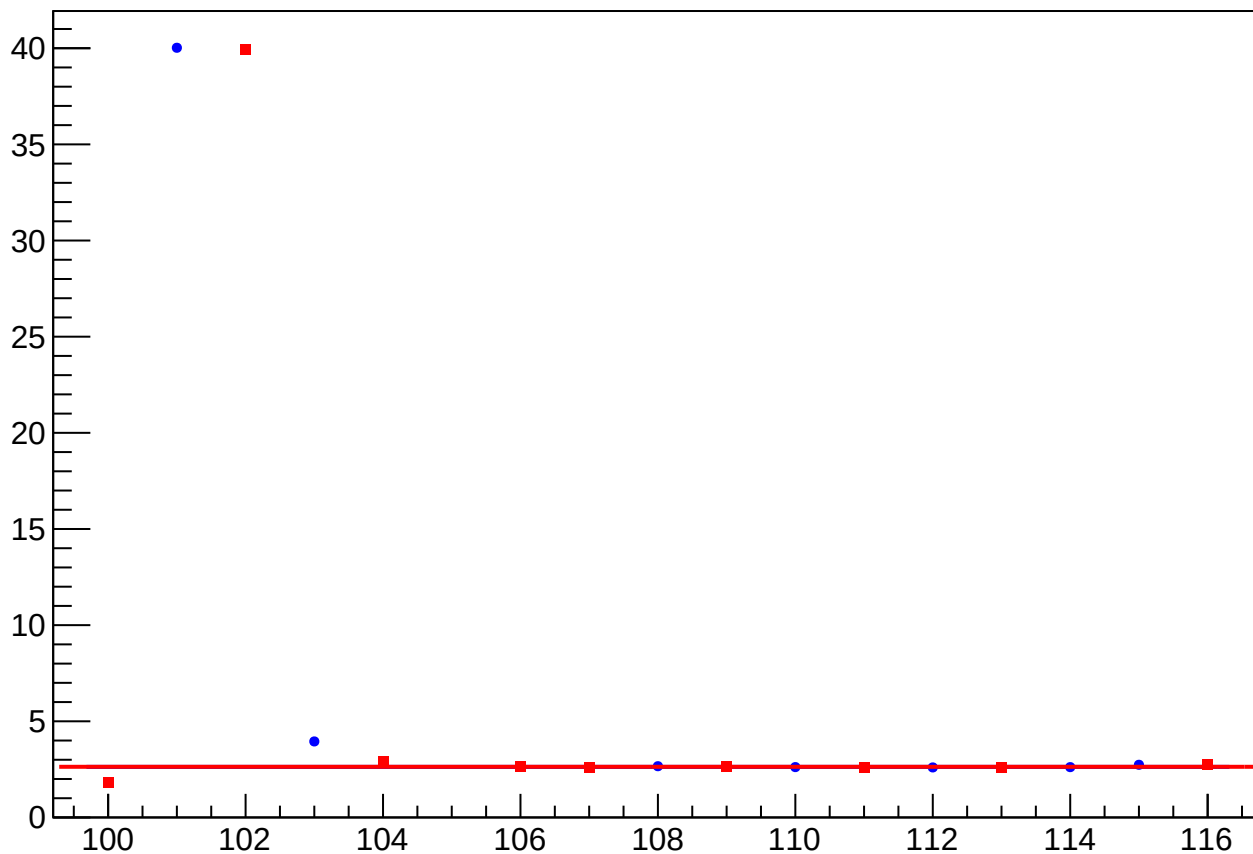
Right: 0.013+/-0.000 χ^2/NDF : 1163738.6/15

In: 0.012+/-0.000 χ^2/NDF : 641805.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1163738.6/15

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.629+/-0.000 χ^2/NDF : 62746700214.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.634+/-0.000 χ^2/NDF : 61667061748.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

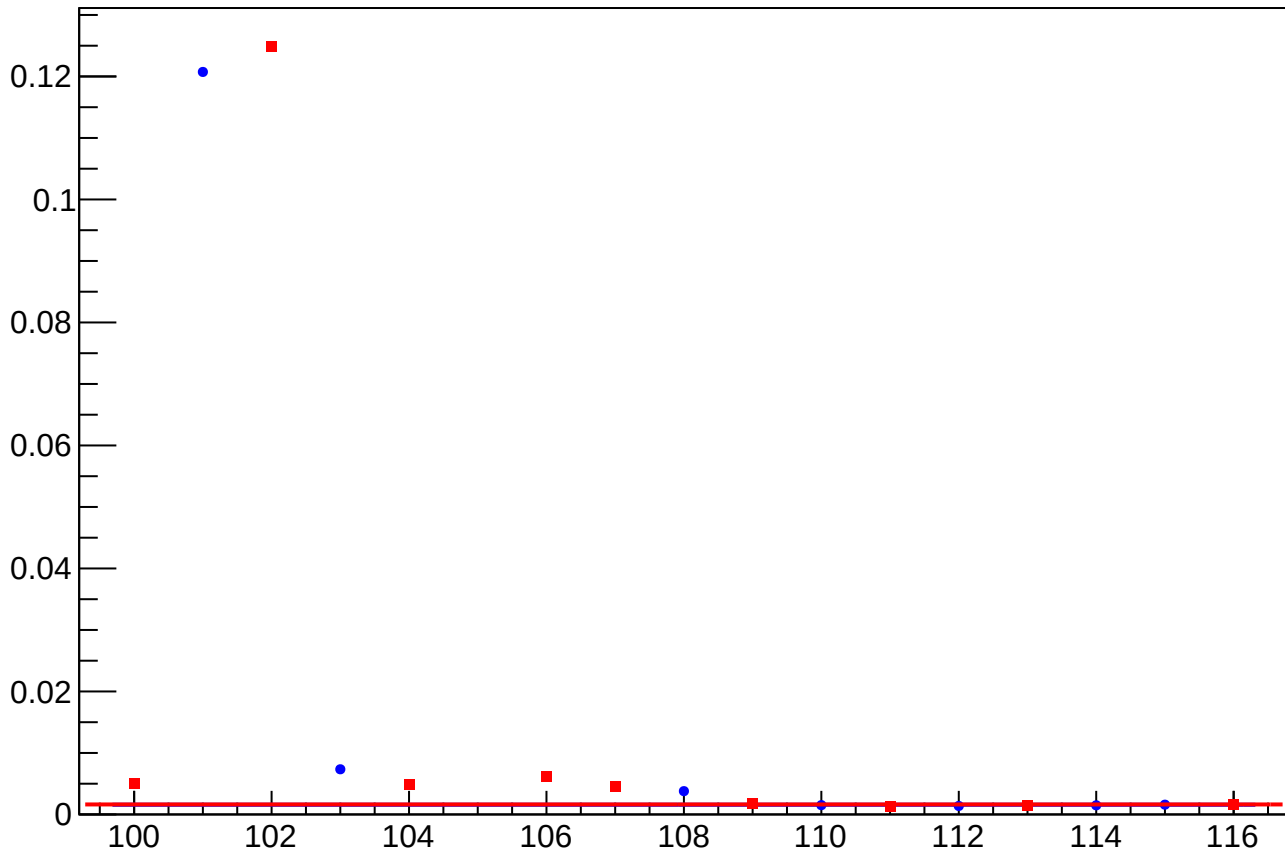
Right: 2.632+/-0.000 χ^2/NDF : 124420809872.5/15

In: 2.629+/-0.000 χ^2/NDF : 62746700214.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.632+/-0.000 χ^2/NDF : 124420809872.5

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1531594.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2101497.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

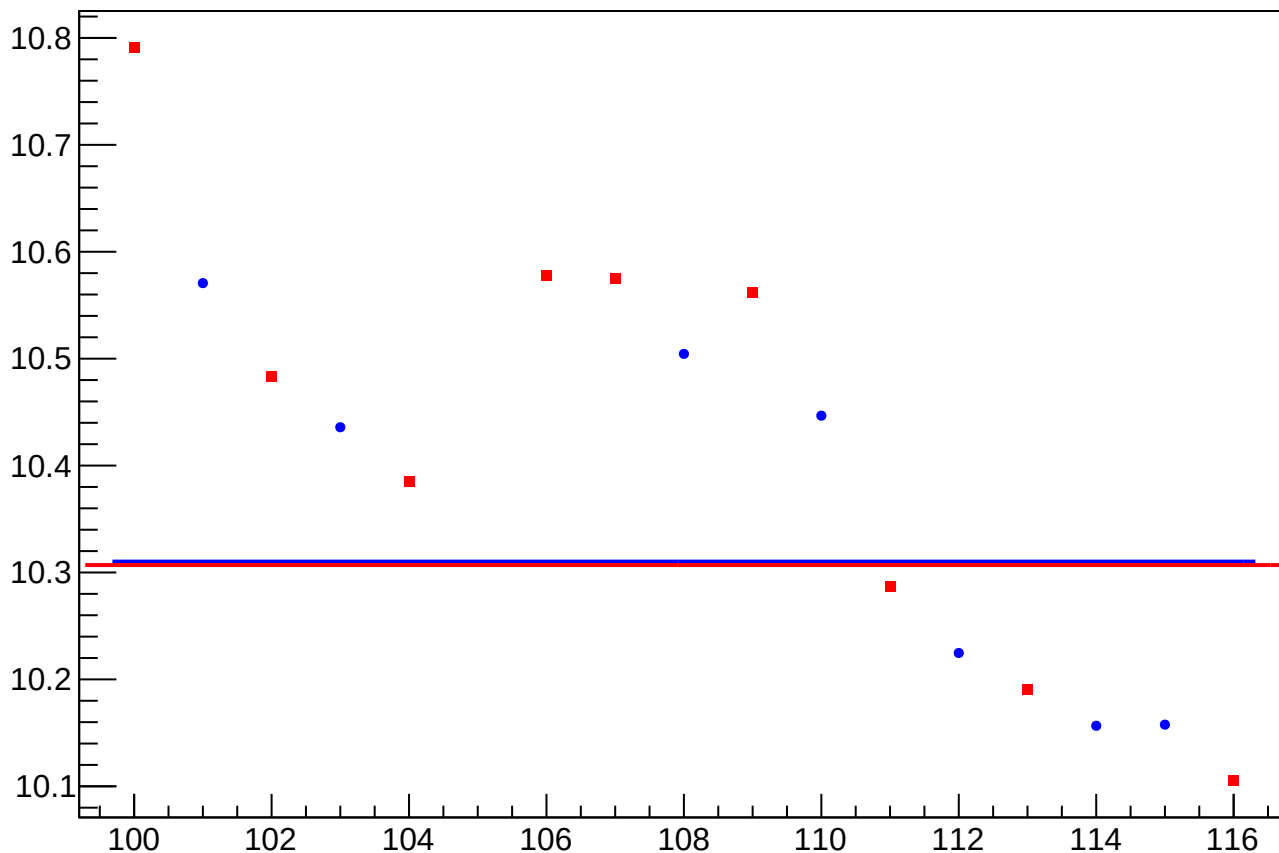
Right: 0.002+/-0.000 χ^2/NDF : 3634692.0/15

In: 0.002+/-0.000 χ^2/NDF : 1531594.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3634692.0/15

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.310+/-0.000 χ^2/NDF : 1630938401.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.307+/-0.000 χ^2/NDF : 2680848147.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

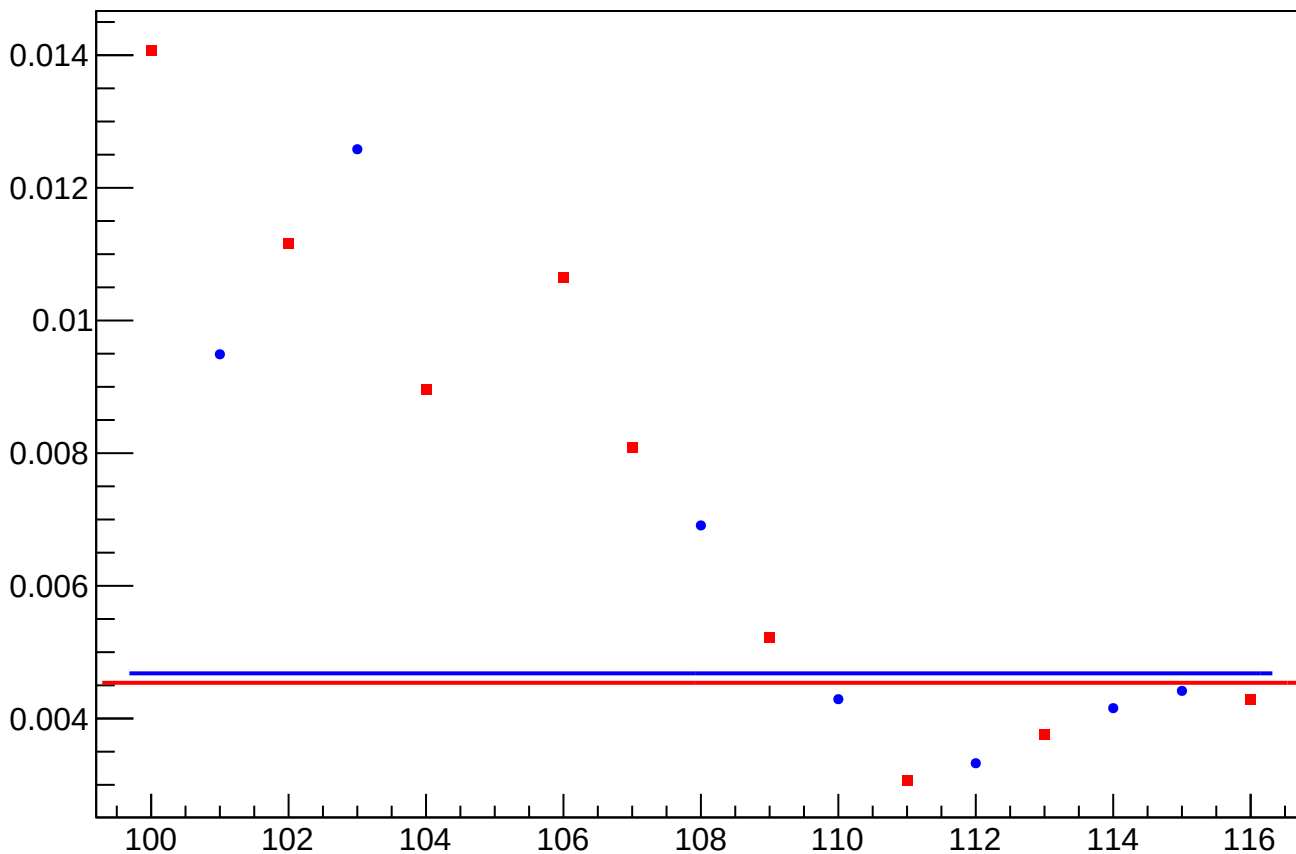
Right: 10.308+/-0.000 χ^2/NDF : 4312324532.3/15

In: 10.310+/-0.000 χ^2/NDF : 1630938401.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.308+/-0.000 χ^2/NDF : 4312324532.3/15

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 958813.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1214170.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

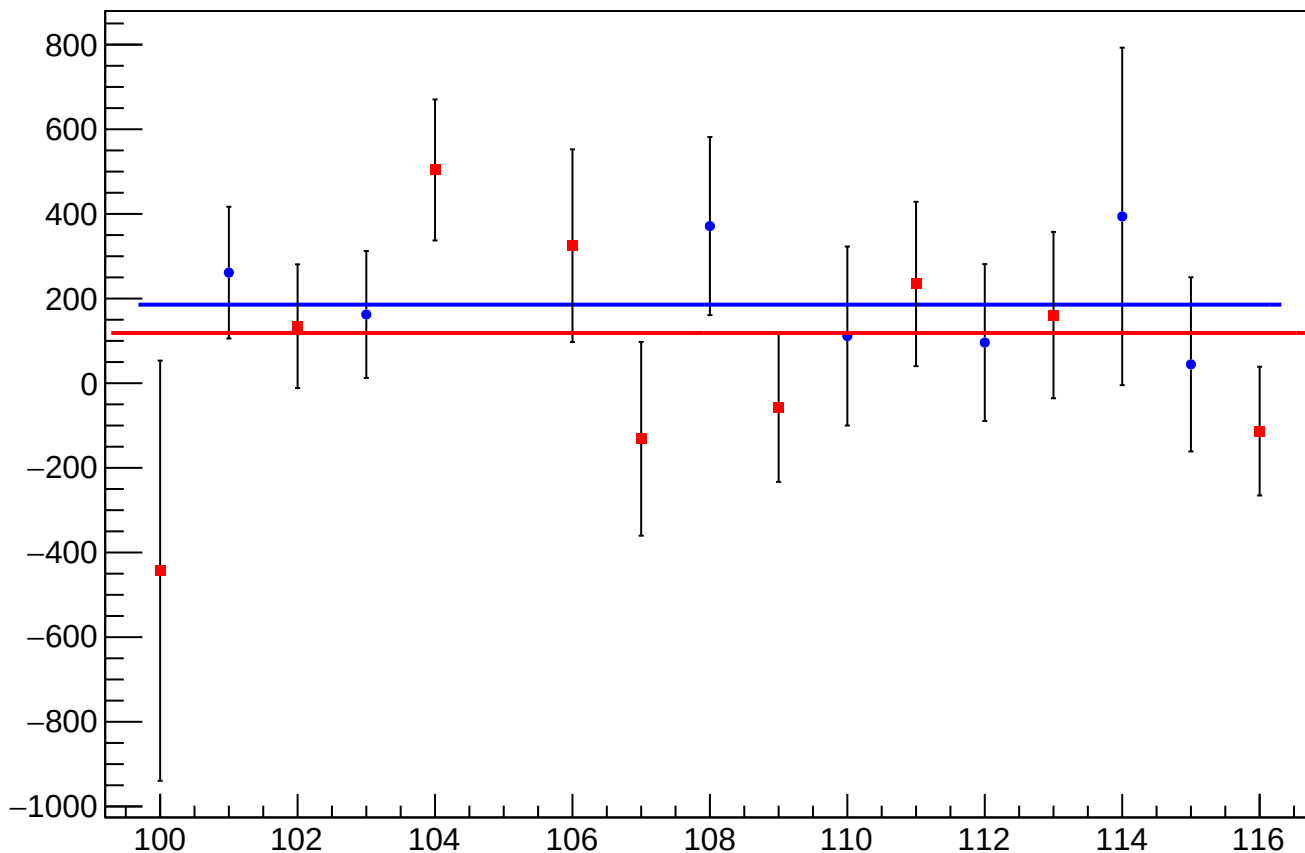
Right: 0.005+/-0.000 χ^2/NDF : 2175089.1/15

In: 0.005+/-0.000 χ^2/NDF : 958813.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2175089.1/15

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 185.608 $\pm$ 72.589 χ^2 /NDF: 2.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.672 $\pm$ 62.831 χ^2 /NDF: 12.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

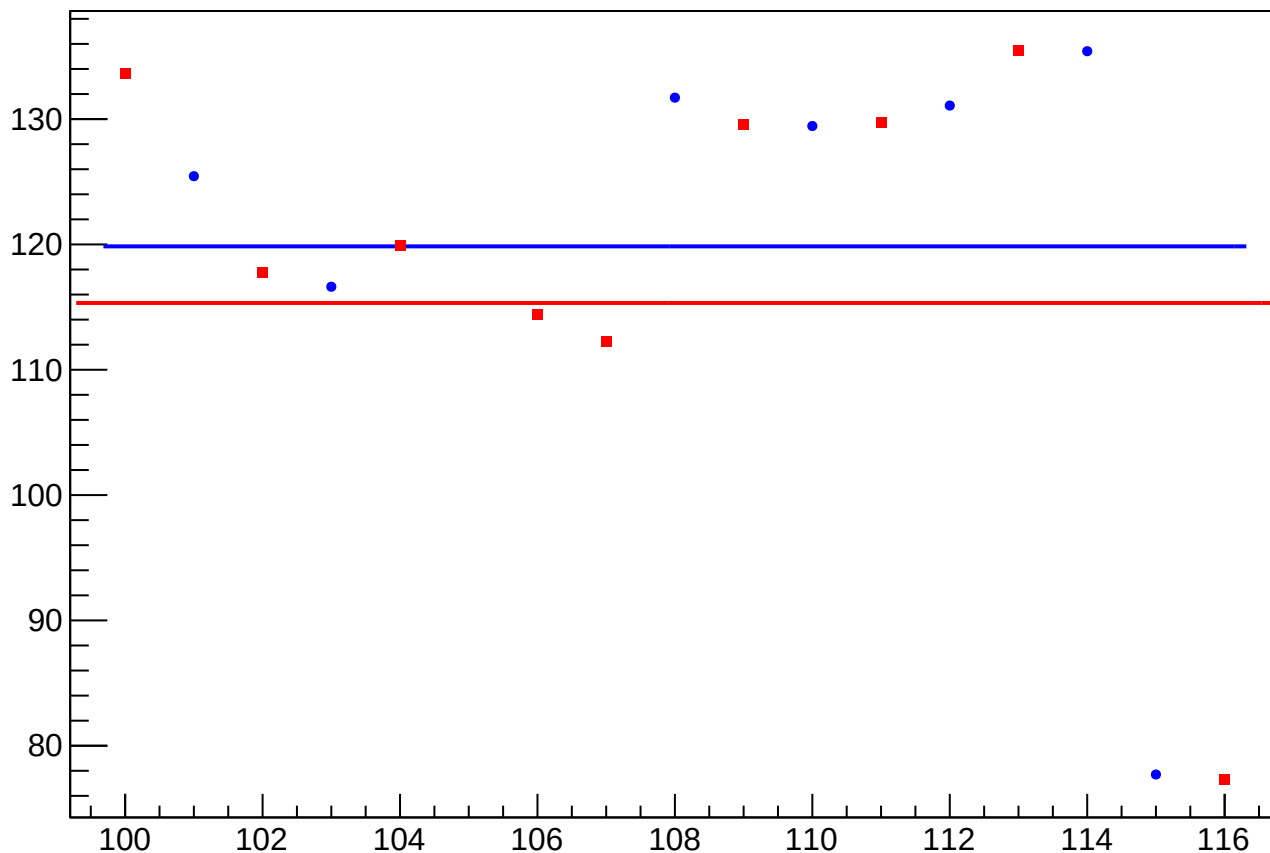
Right: 147.342 $\pm$ 47.507 χ^2 /NDF: 15.0/15

In: 185.608 $\pm$ 72.589 χ^2 /NDF: 2.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.342 $\pm$ 47.507 χ^2 /NDF: 15.0/15

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 119.846+/-0.051 χ^2/NDF : 108348.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.331+/-0.044 χ^2/NDF : 175308.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

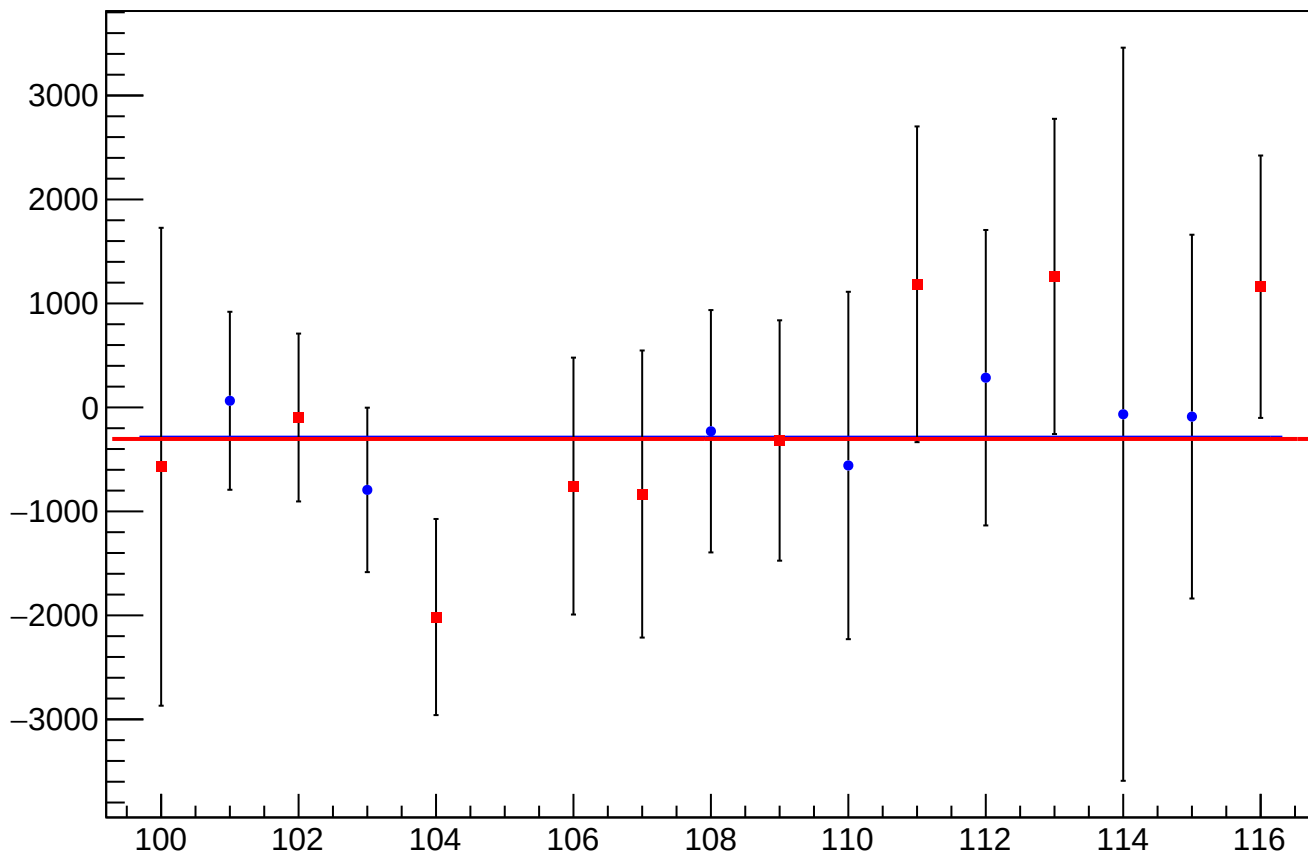
Right: 117.265+/-0.034 χ^2/NDF : 288079.2/15

In: 119.846+/-0.051 χ^2/NDF : 108348.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.265+/-0.034 χ^2/NDF : 288079.2/15

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -290.785+/-448.973 χ^2/NDF : 0.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -303.365+/-399.246 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

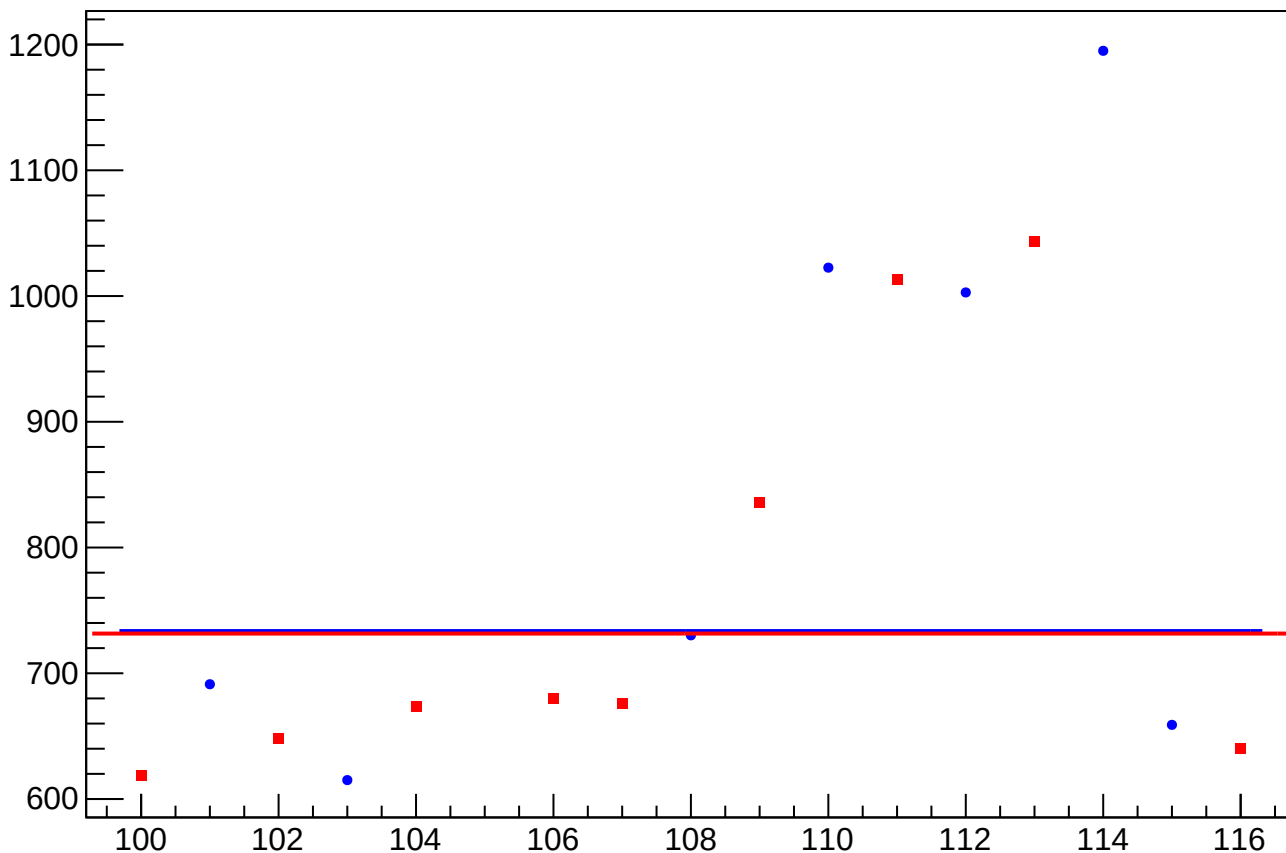
Right: -297.810+/-298.348 χ^2/NDF : 7.8/15

In: -290.785+/-448.973 χ^2/NDF : 0.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.810+/-298.348 χ^2/NDF : 7.8/15

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 733.571+/-0.317 χ^2/NDF : 219424.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 731.582+/-0.282 χ^2/NDF : 220902.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

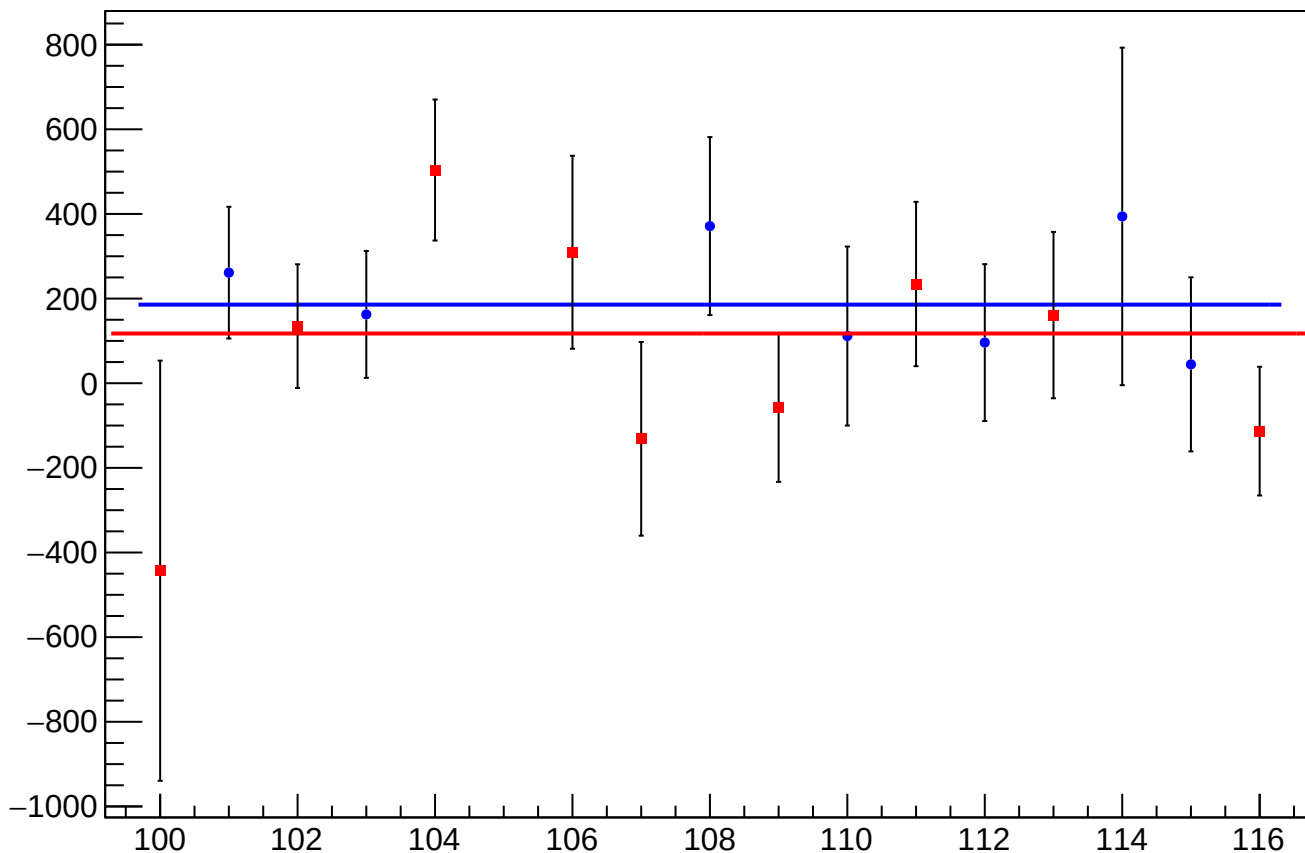
Right: 732.460+/-0.211 χ^2/NDF : 440348.7/15

In: 733.571+/-0.317 χ^2/NDF : 219424.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.460+/-0.211 χ^2/NDF : 440348.7/15

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 185.678 $\pm$ 72.589 χ^2 /NDF: 2.1/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 117.486 $\pm$ 62.839 χ^2 /NDF: 12.3/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

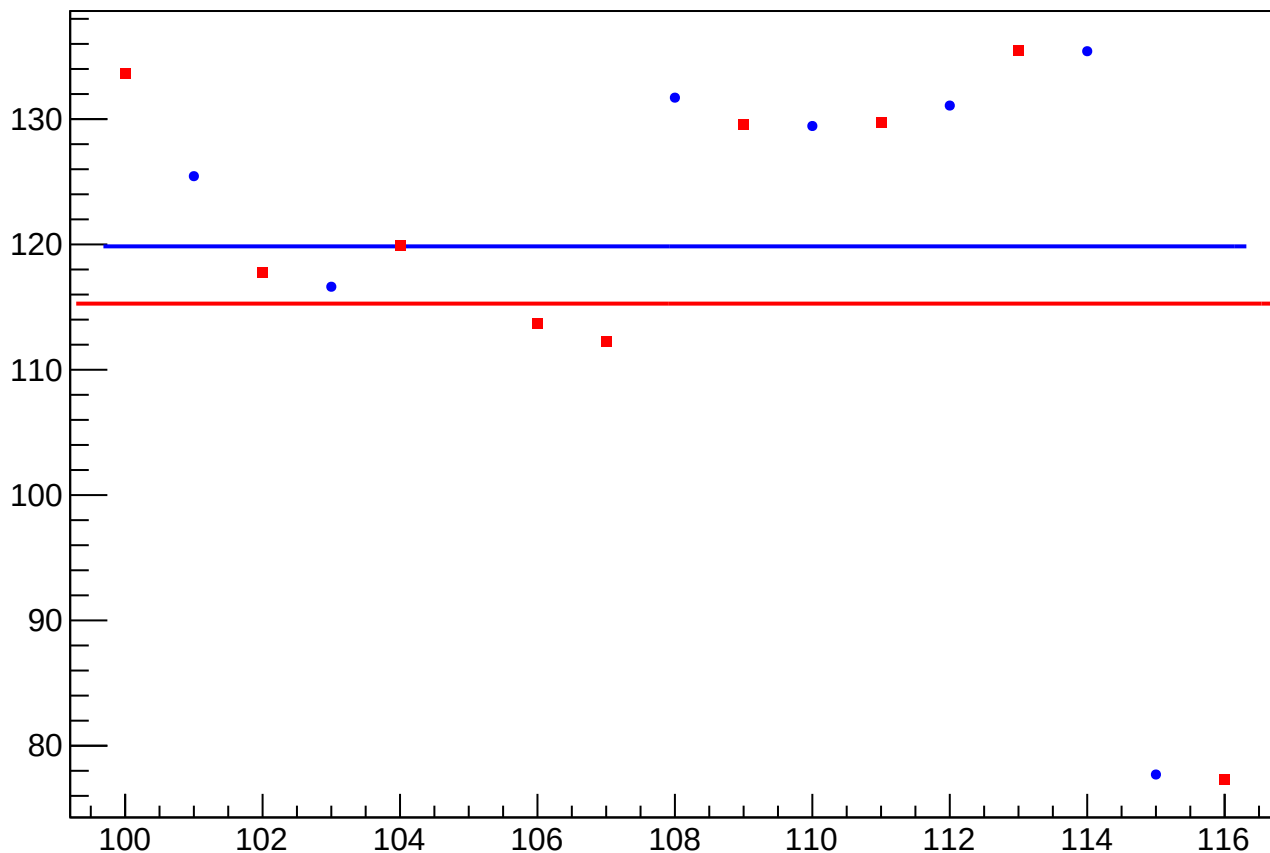
Right: 146.698 $\pm$ 47.510 χ^2 /NDF: 14.9/15

In: 185.678 $\pm$ 72.589 χ^2 /NDF:2.1/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 146.698 $\pm$ 47.510 χ^2 /NDF: 14.9/15

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 119.846+/-0.051 χ^2/NDF : 108348.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.278+/-0.044 χ^2/NDF : 175383.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

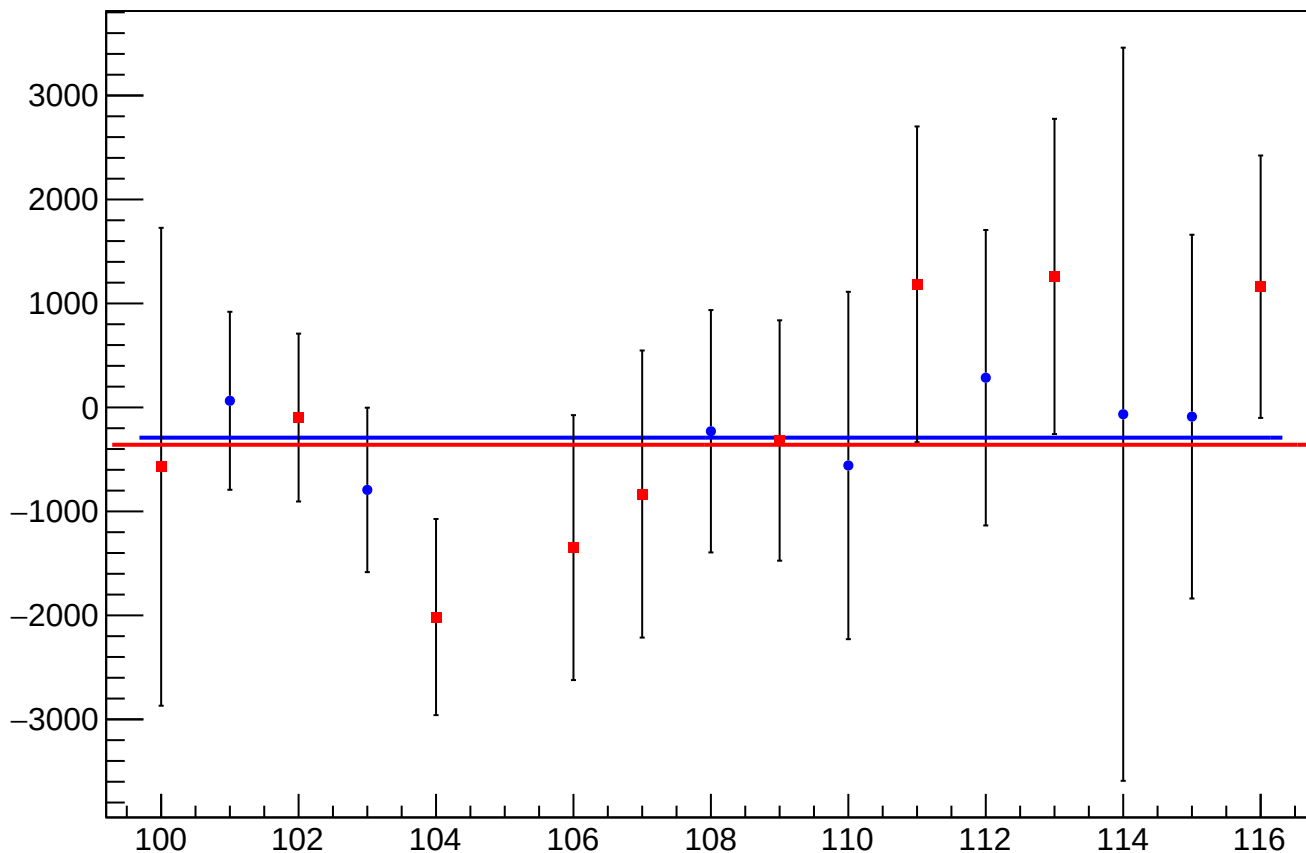
Right: 117.235+/-0.034 χ^2/NDF : 288259.9/15

In: 119.846+/-0.051 χ^2/NDF : 108348.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.235+/-0.034 χ^2/NDF : 288259.9/15

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -290.763+/-448.972 χ^2/NDF : 0.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -359.115+/-400.506 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

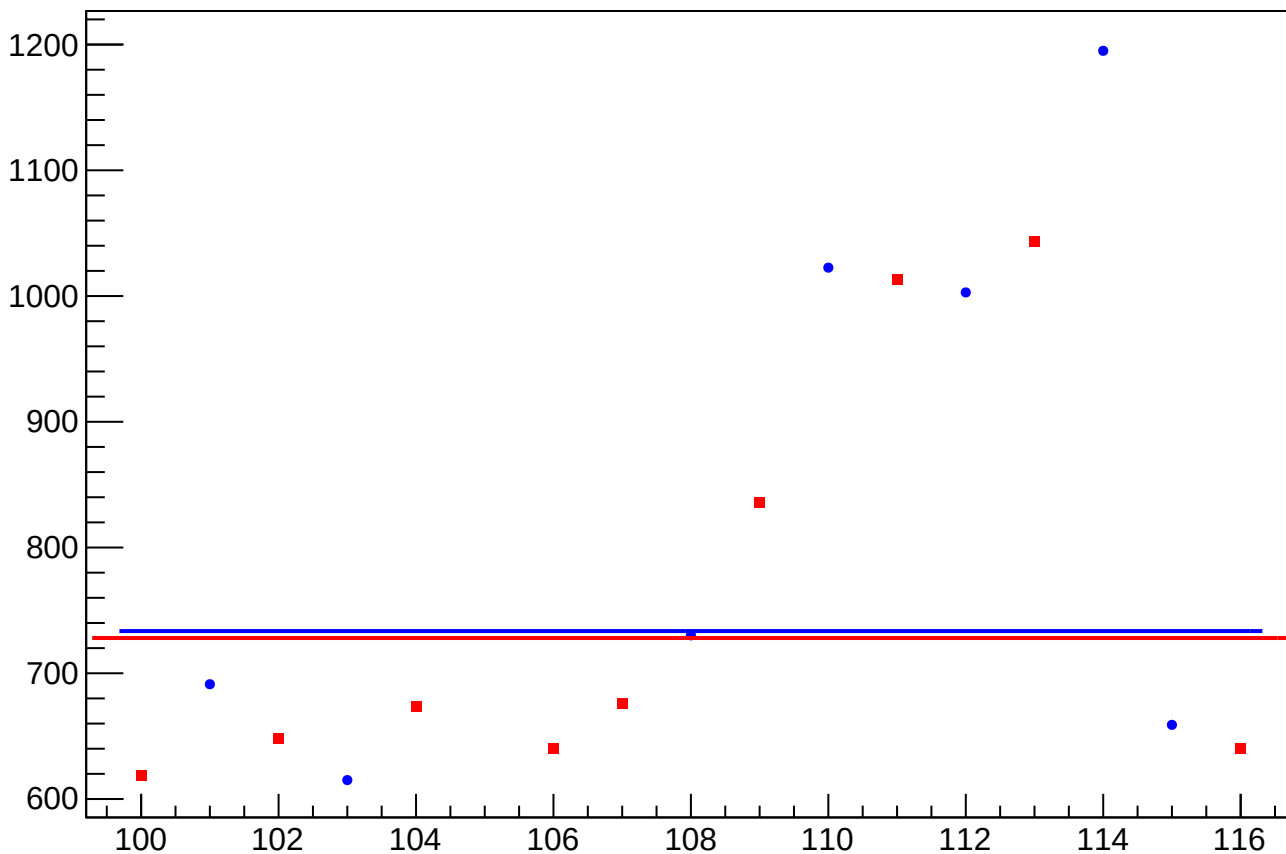
Right: -328.826+/-298.872 χ^2/NDF : 8.3/15

In: -290.763+/-448.972 χ^2/NDF : 0.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.826+/-298.872 χ^2/NDF : 8.3/15

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 733.569+/-0.317 χ^2/NDF : 219429.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.034+/-0.283 χ^2/NDF : 227454.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

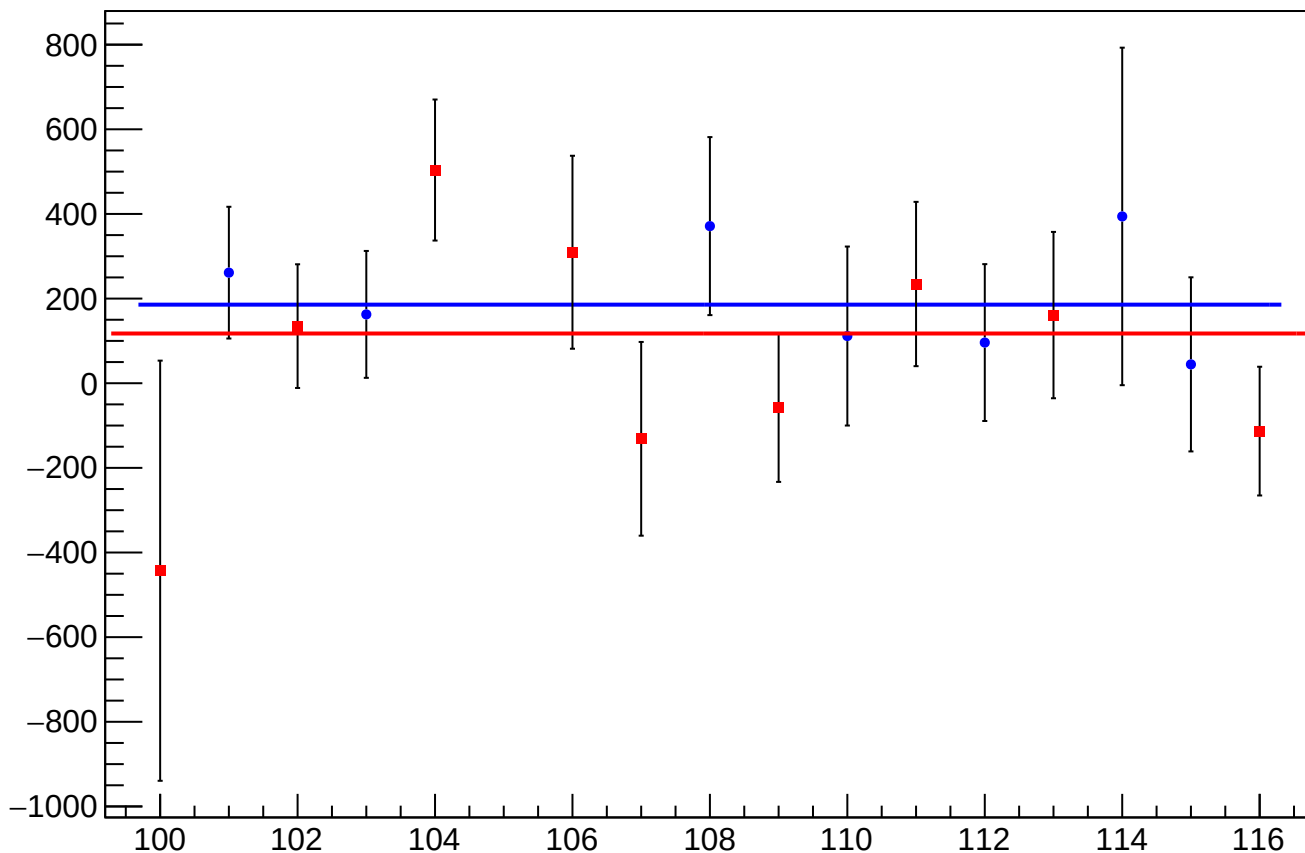
Right: 730.487+/-0.211 χ^2/NDF : 447053.2/15

In: 733.569+/-0.317 χ^2/NDF : 219429.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.487+/-0.211 χ^2/NDF : 447053.2/15

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 185.678 $\pm$ 72.589 χ^2 /NDF: 2.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.486 $\pm$ 62.839 χ^2 /NDF: 12.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

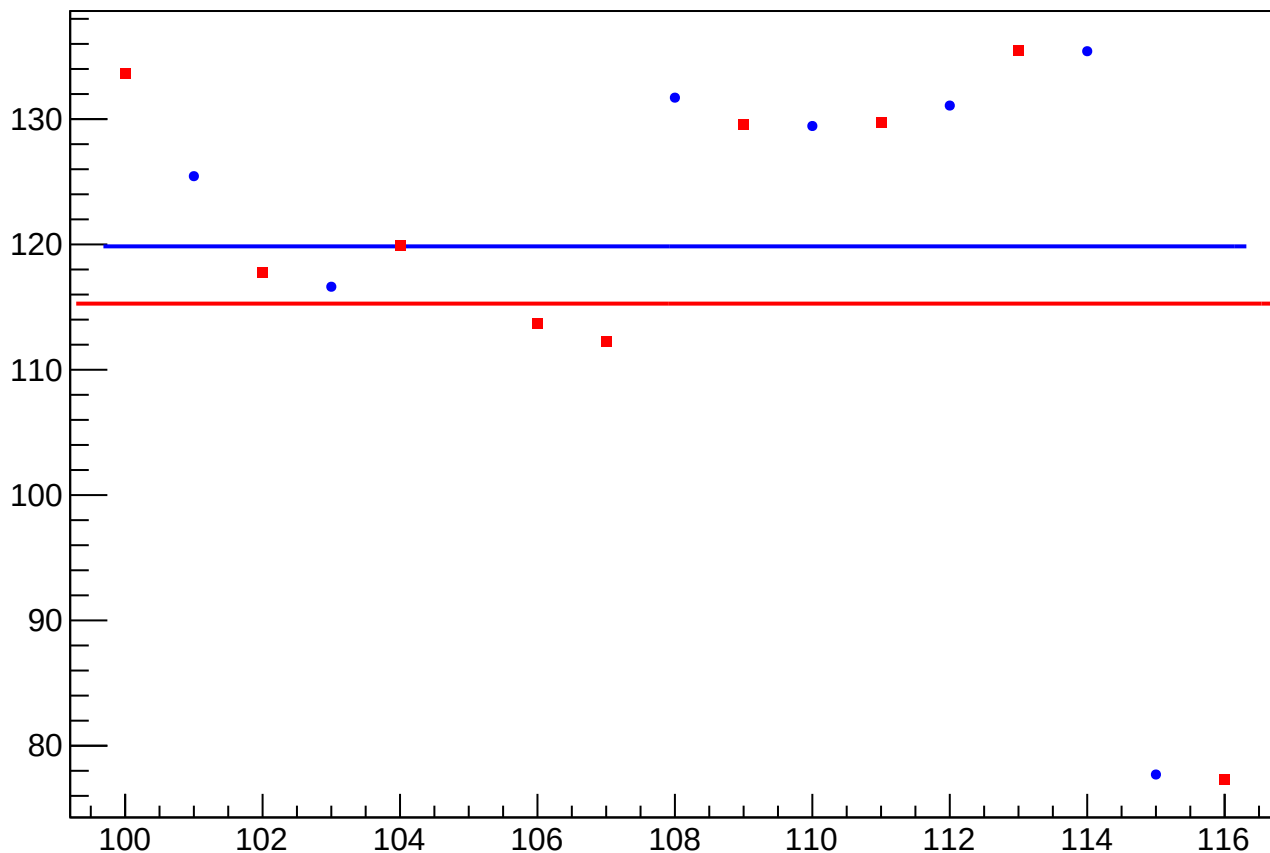
Right: 146.698 $\pm$ 47.510 χ^2 /NDF: 14.9/15

In: 185.678 $\pm$ 72.589 χ^2 /NDF:2.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.698 $\pm$ 47.510 χ^2 /NDF: 14.9/15

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 119.846+/-0.051 χ^2/NDF : 108348.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.278+/-0.044 χ^2/NDF : 175383.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

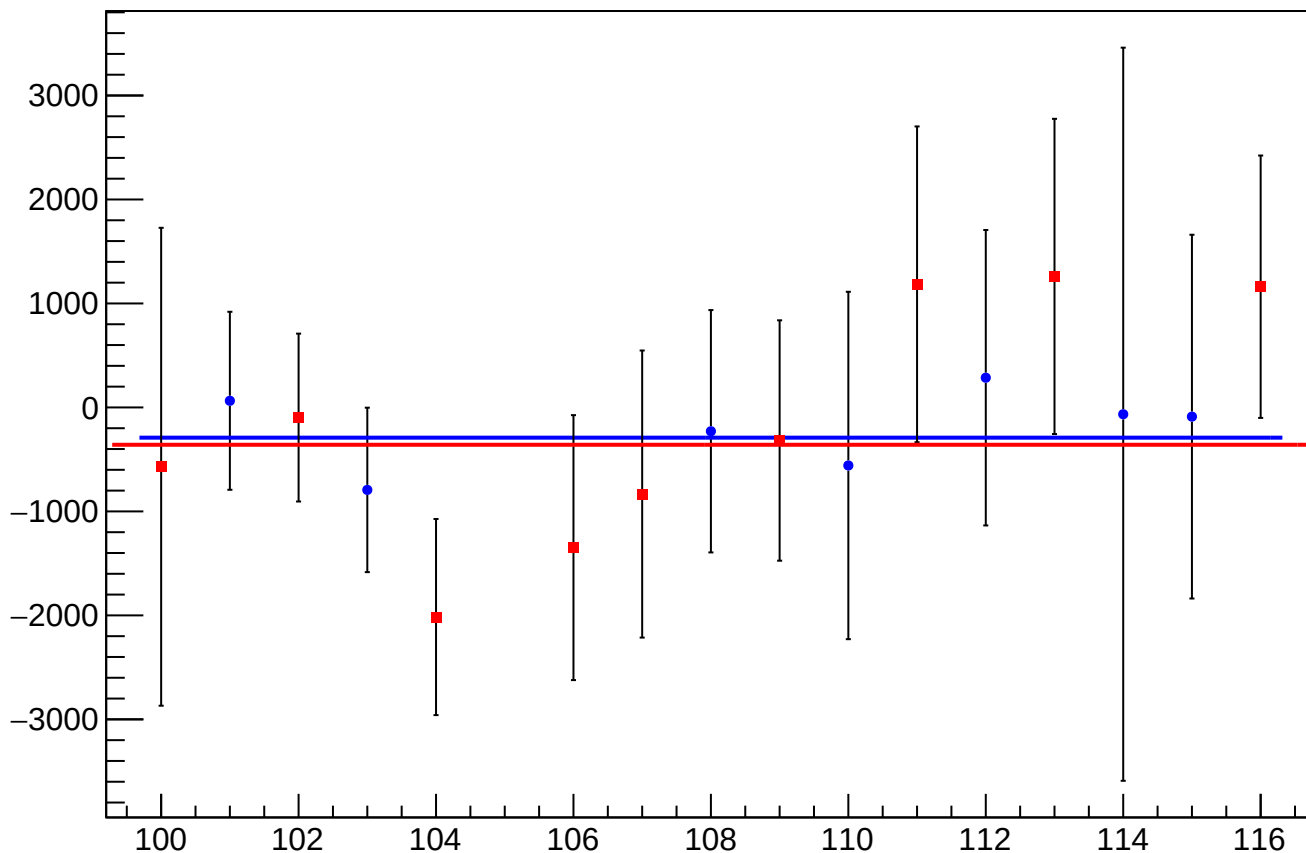
Right: 117.235+/-0.034 χ^2/NDF : 288259.9/15

In: 119.846+/-0.051 χ^2/NDF : 108348.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.235+/-0.034 χ^2/NDF : 288259.9/15

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -290.763+/-448.972 χ^2/NDF : 0.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -359.115+/-400.506 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

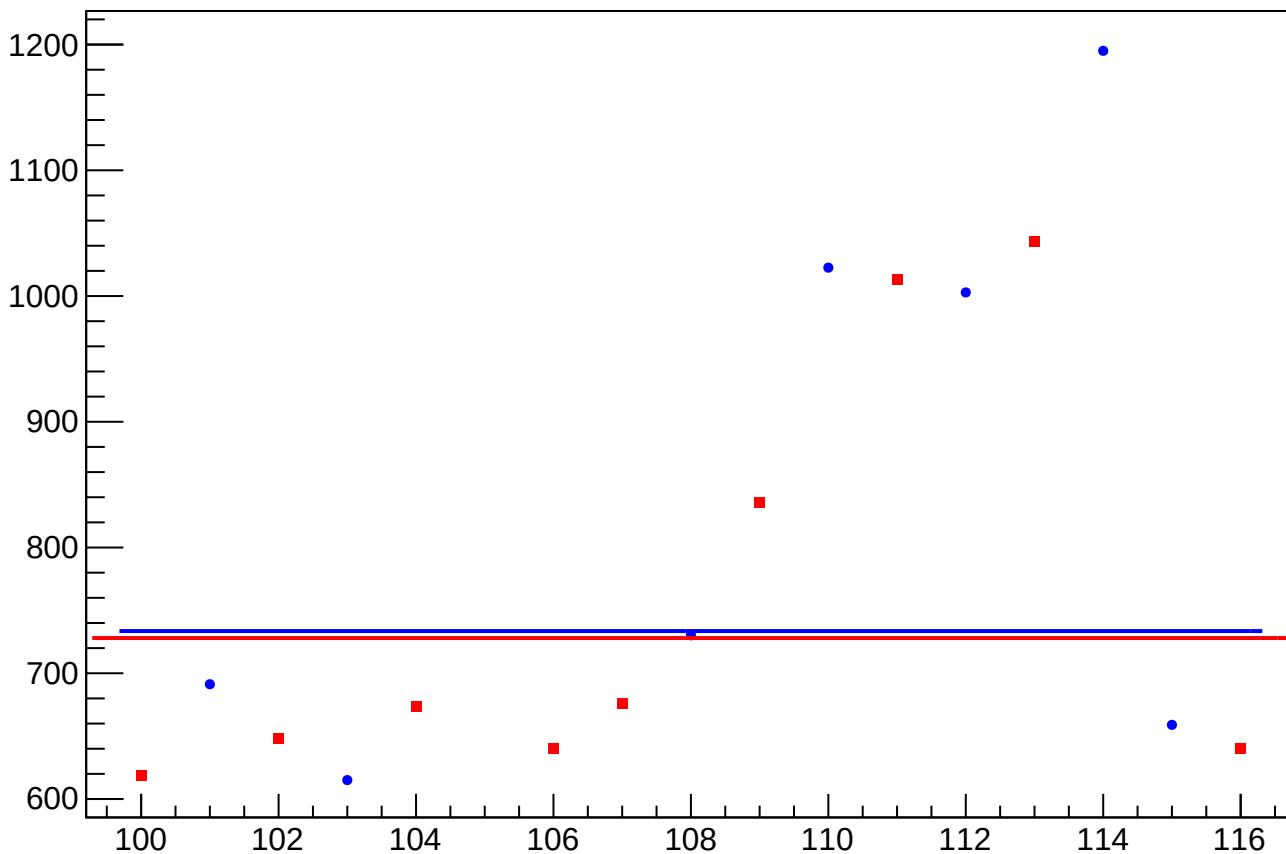
Right: -328.826+/-298.872 χ^2/NDF : 8.3/15

In: -290.763+/-448.972 χ^2/NDF : 0.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.826+/-298.872 χ^2/NDF : 8.3/15

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 733.569+/-0.317 χ^2/NDF : 219429.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.034+/-0.283 χ^2/NDF : 227454.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

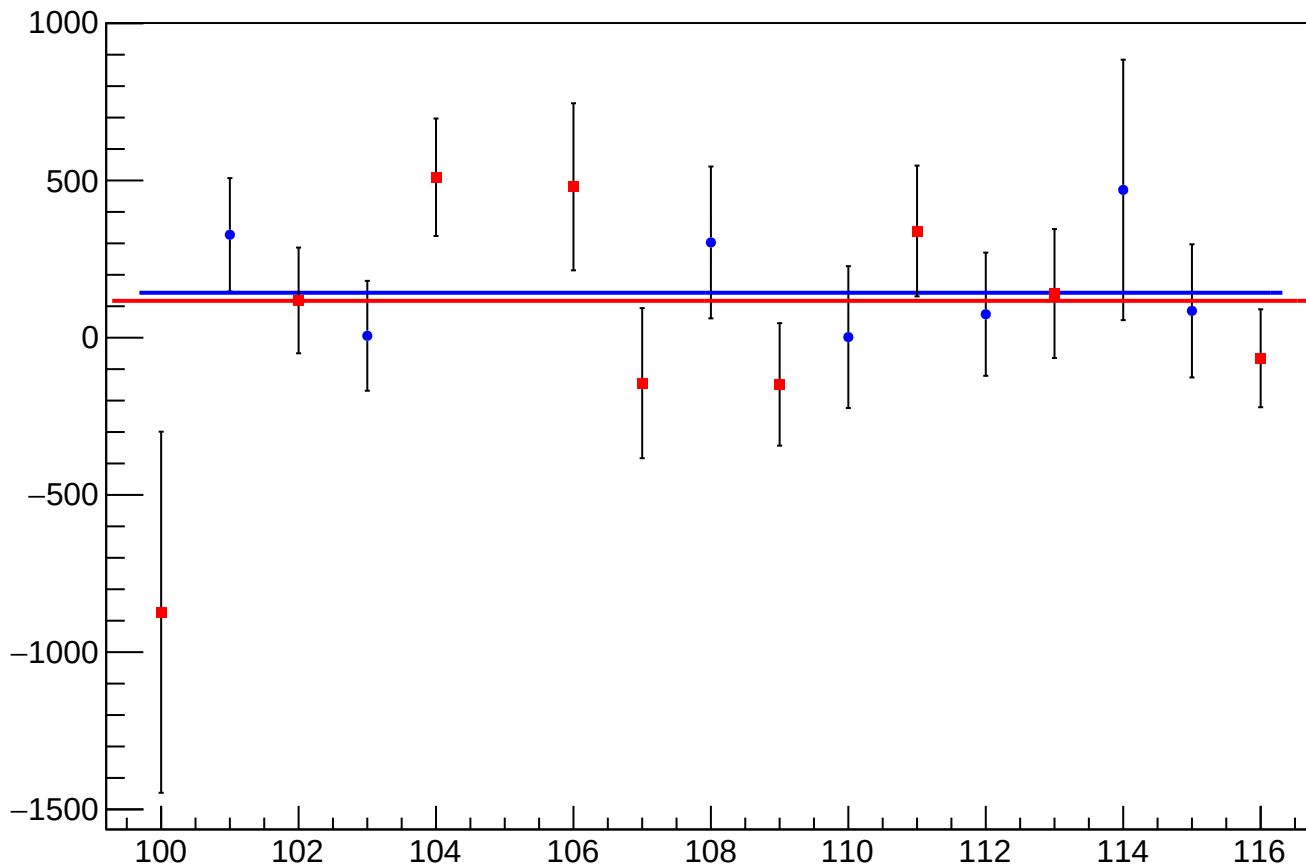
Right: 730.487+/-0.211 χ^2/NDF : 447053.2/15

In: 733.569+/-0.317 χ^2/NDF : 219429.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.487+/-0.211 χ^2/NDF : 447053.2/15

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 142.969+/-80.440 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.209+/-68.473 χ^2/NDF : 14.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

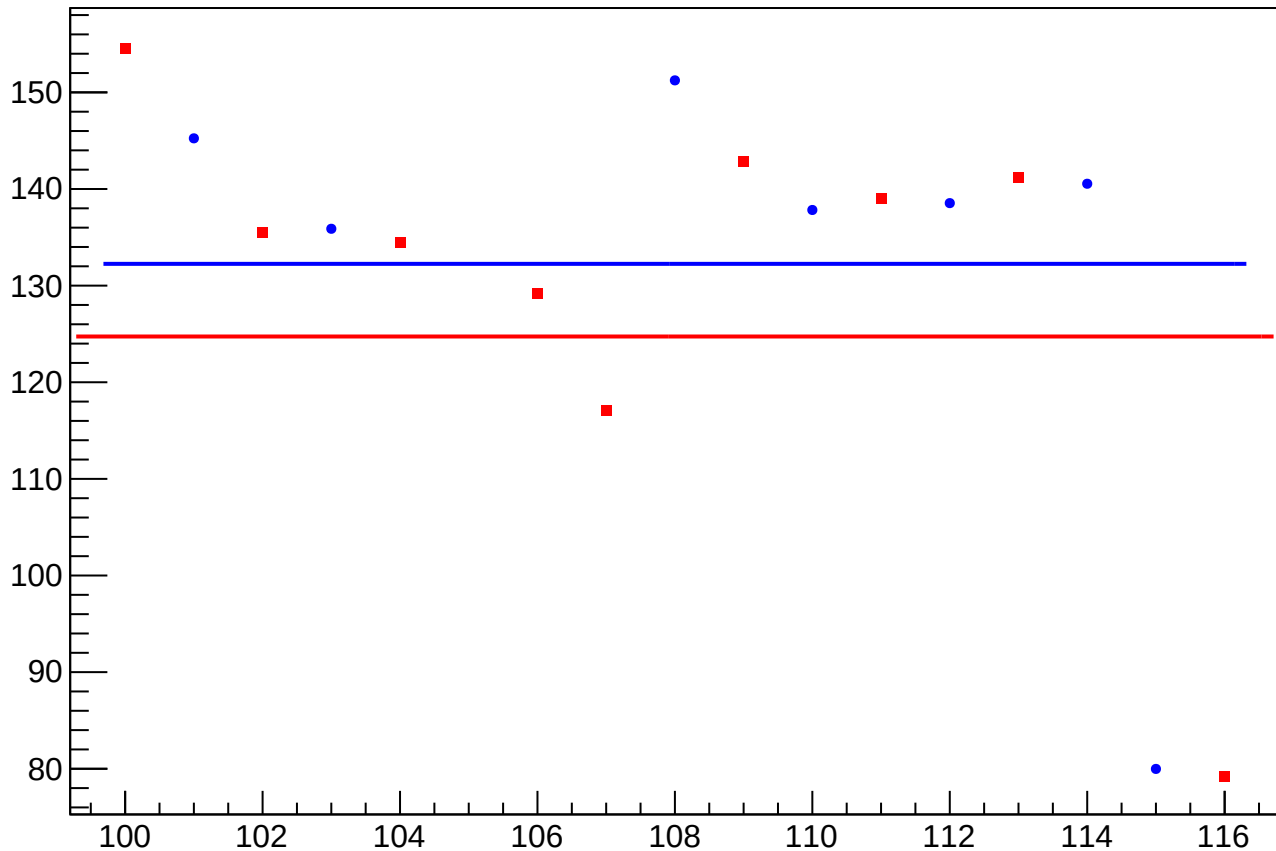
Right: 128.032+/-52.141 χ^2/NDF : 18.2/15

In: 142.969+/-80.440 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.032+/-52.141 χ^2/NDF : 18.2/15

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 132.254+/-0.057 χ^2/NDF : 149605.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.735+/-0.048 χ^2/NDF : 232400.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

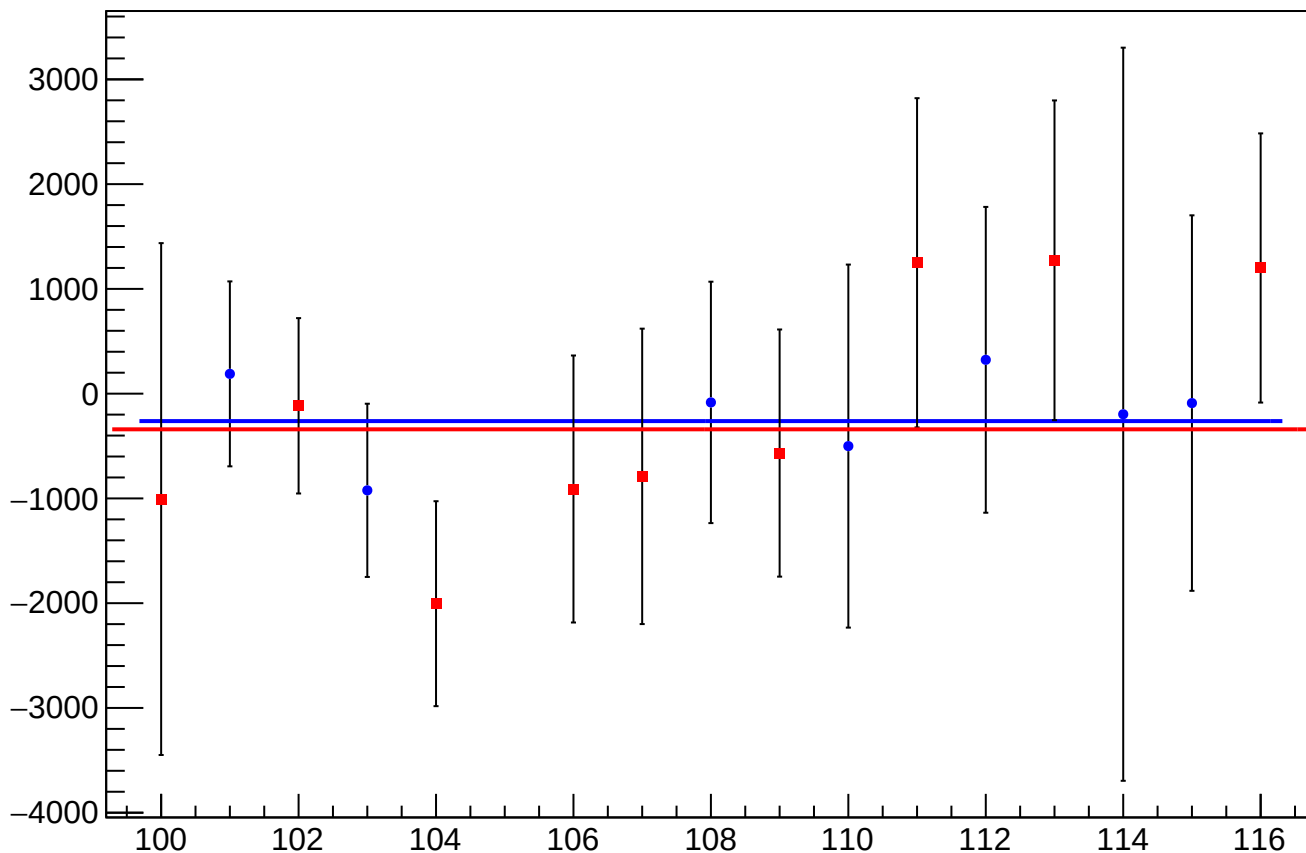
Right: 127.894+/-0.037 χ^2/NDF : 392136.9/15

In: 132.254+/-0.057 χ^2/NDF : 149605.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.894+/-0.037 χ^2/NDF : 392136.9/15

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -261.925+/-461.498 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -340.492+/-411.063 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

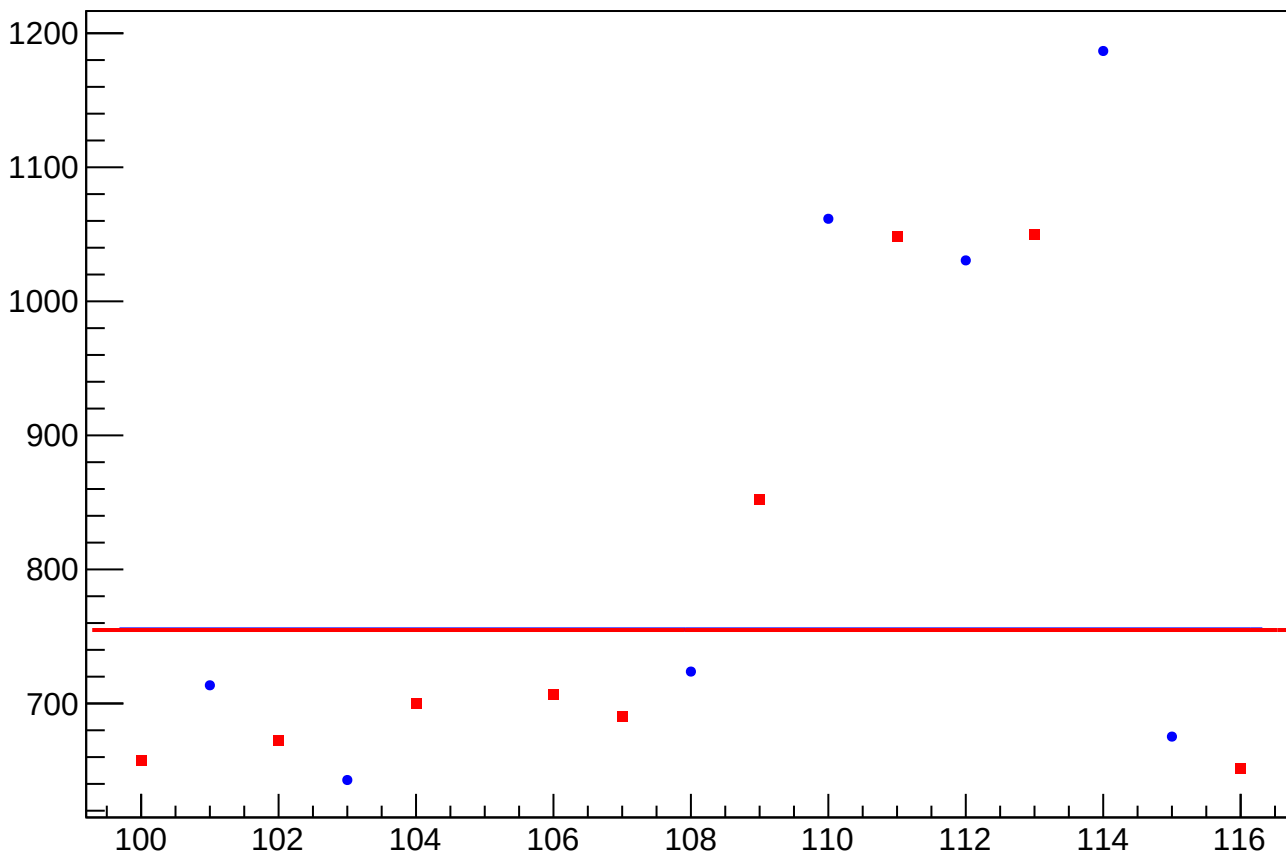
Right: -305.735+/-306.954 χ^2/NDF : 8.1/15

In: -261.925+/-461.498 χ^2/NDF :1.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -305.735+/-306.954 χ^2/NDF : 8.1/15

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 755.258+/-0.326 χ^2/NDF : 210945.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.806+/-0.291 χ^2/NDF : 207340.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

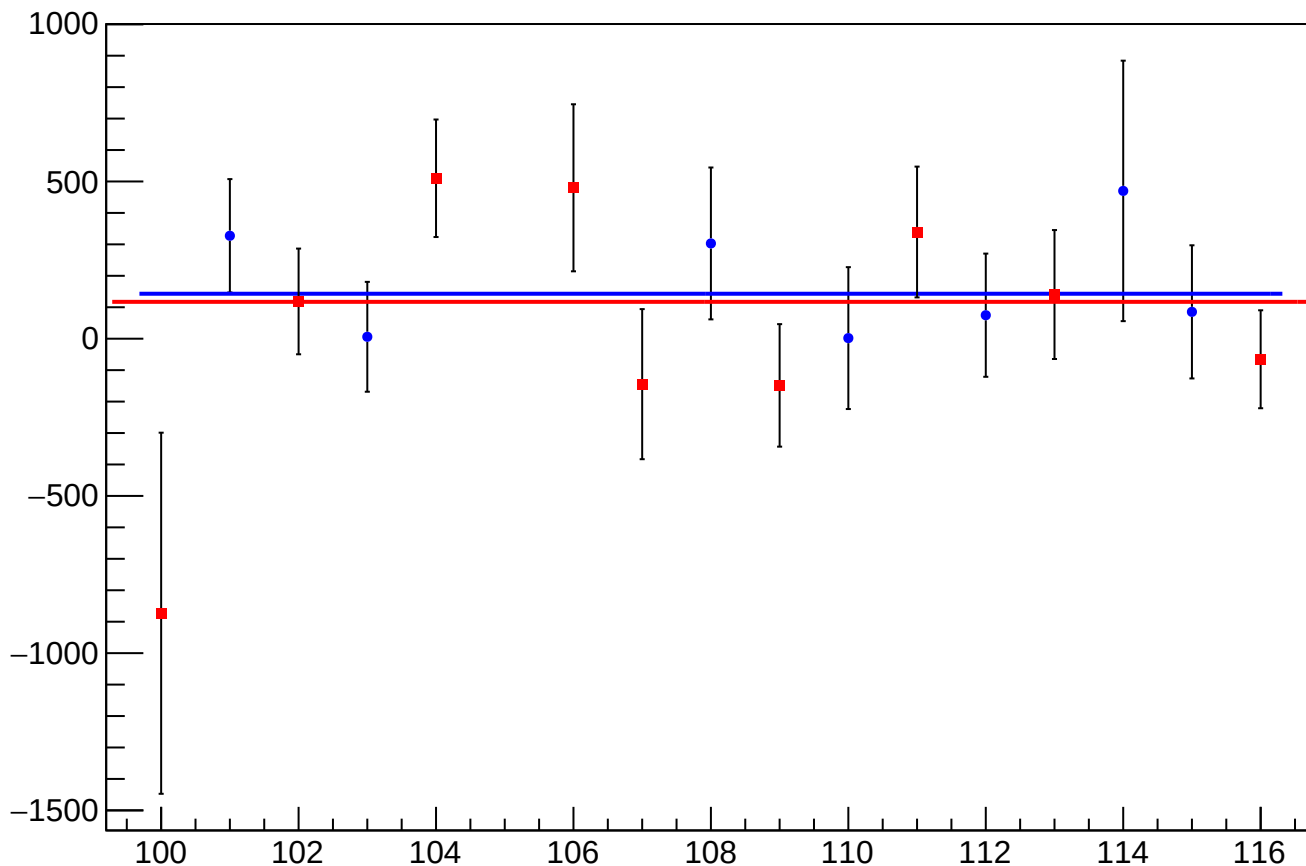
Right: 755.006+/-0.217 χ^2/NDF : 418286.9/15

In: 755.258+/-0.326 χ^2/NDF : 210945.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.006+/-0.217 χ^2/NDF : 418286.9/15

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 142.969 $\pm$ 80.440 χ^2 /NDF: 3.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.209 $\pm$ 68.473 χ^2 /NDF: 14.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

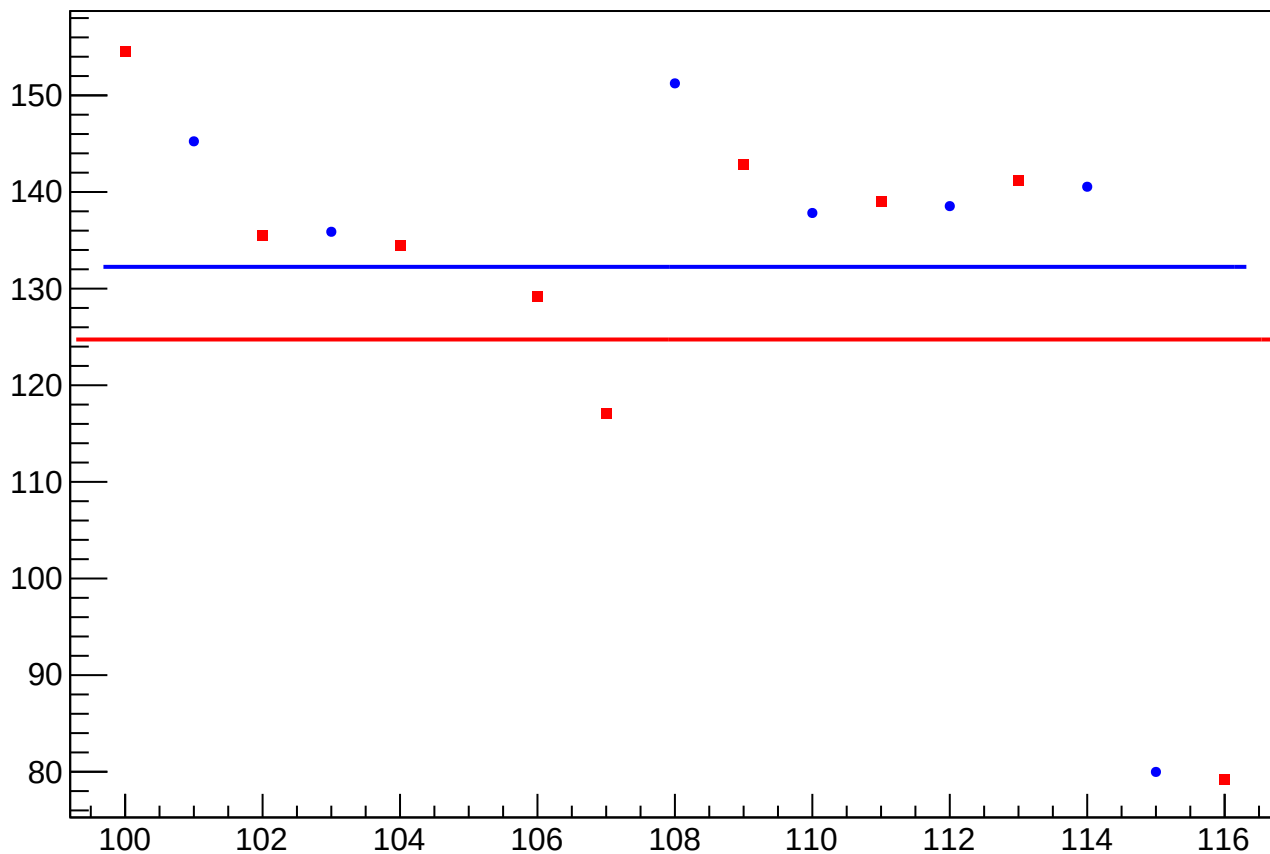
Right: 128.032 $\pm$ 52.141 χ^2 /NDF: 18.2/15

In: 142.969 $\pm$ 80.440 χ^2 /NDF:3.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.032 $\pm$ 52.141 χ^2 /NDF: 18.2/15

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 132.254+/-0.057 χ^2/NDF : 149605.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.735+/-0.048 χ^2/NDF : 232399.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

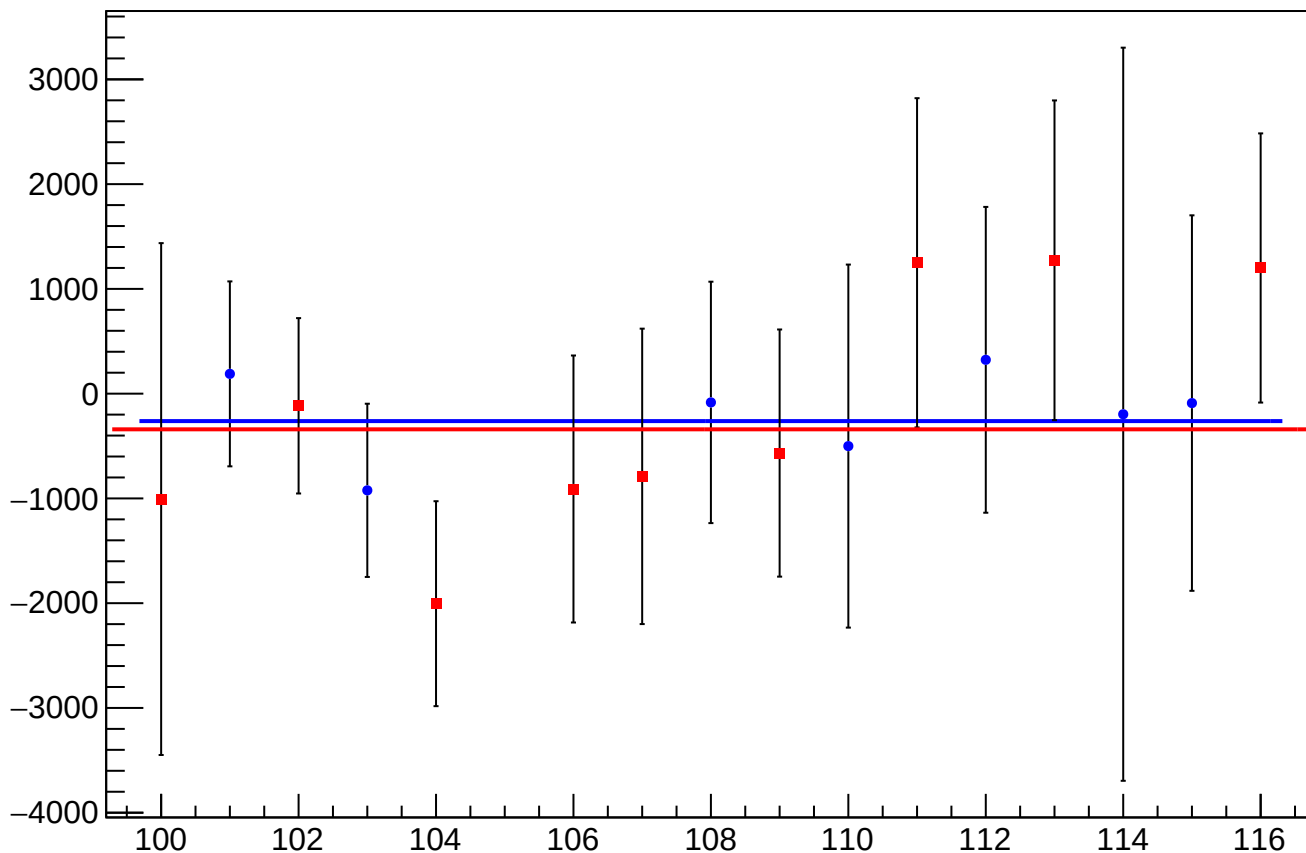
Right: 127.894+/-0.037 χ^2/NDF : 392136.2/15

In: 132.254+/-0.057 χ^2/NDF : 149605.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.894+/-0.037 χ^2/NDF : 392136.2/15

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -261.924+/-461.498 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -340.492+/-411.063 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

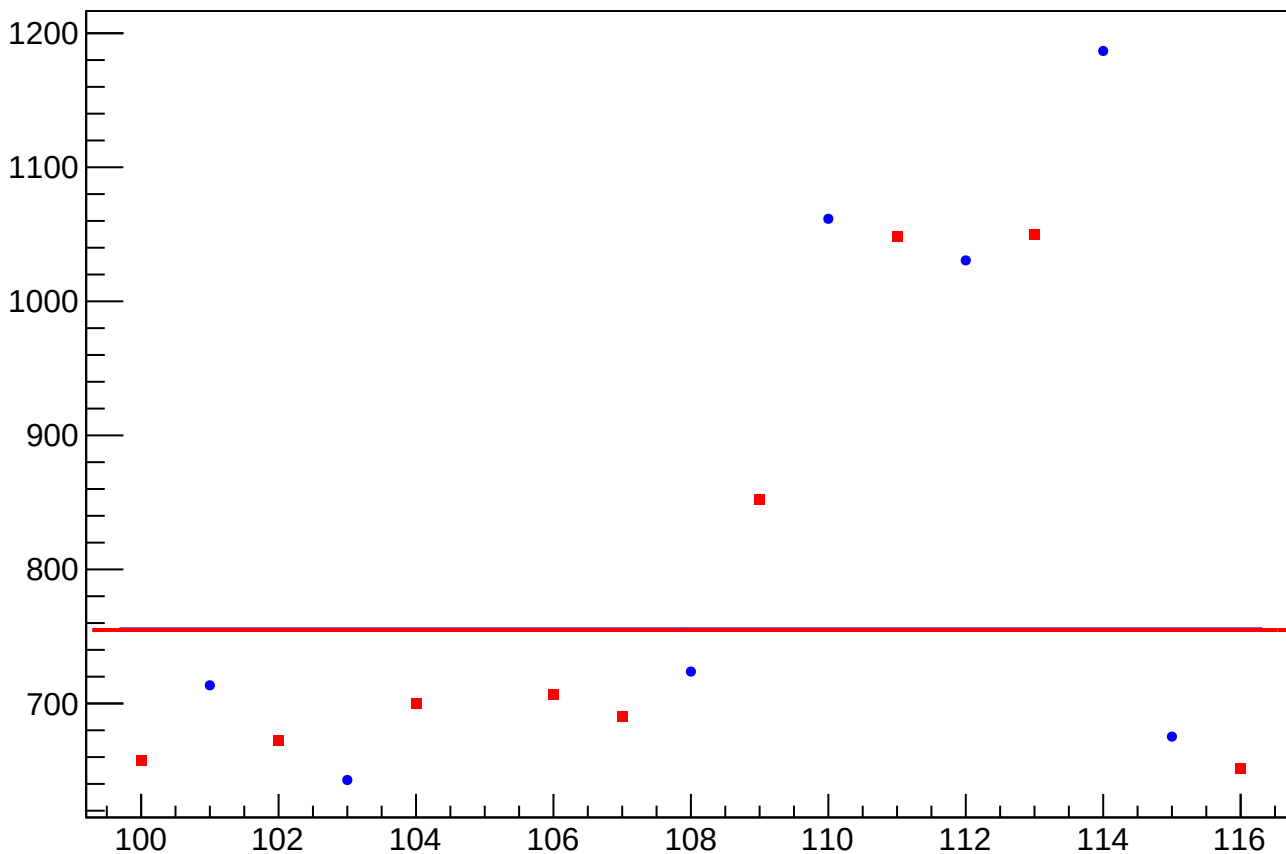
Right: -305.734+/-306.954 χ^2/NDF : 8.1/15

In: -261.924+/-461.498 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.734+/-306.954 χ^2/NDF : 8.1/15

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 755.257+/-0.326 χ^2/NDF : 210944.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.805+/-0.291 χ^2/NDF : 207340.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

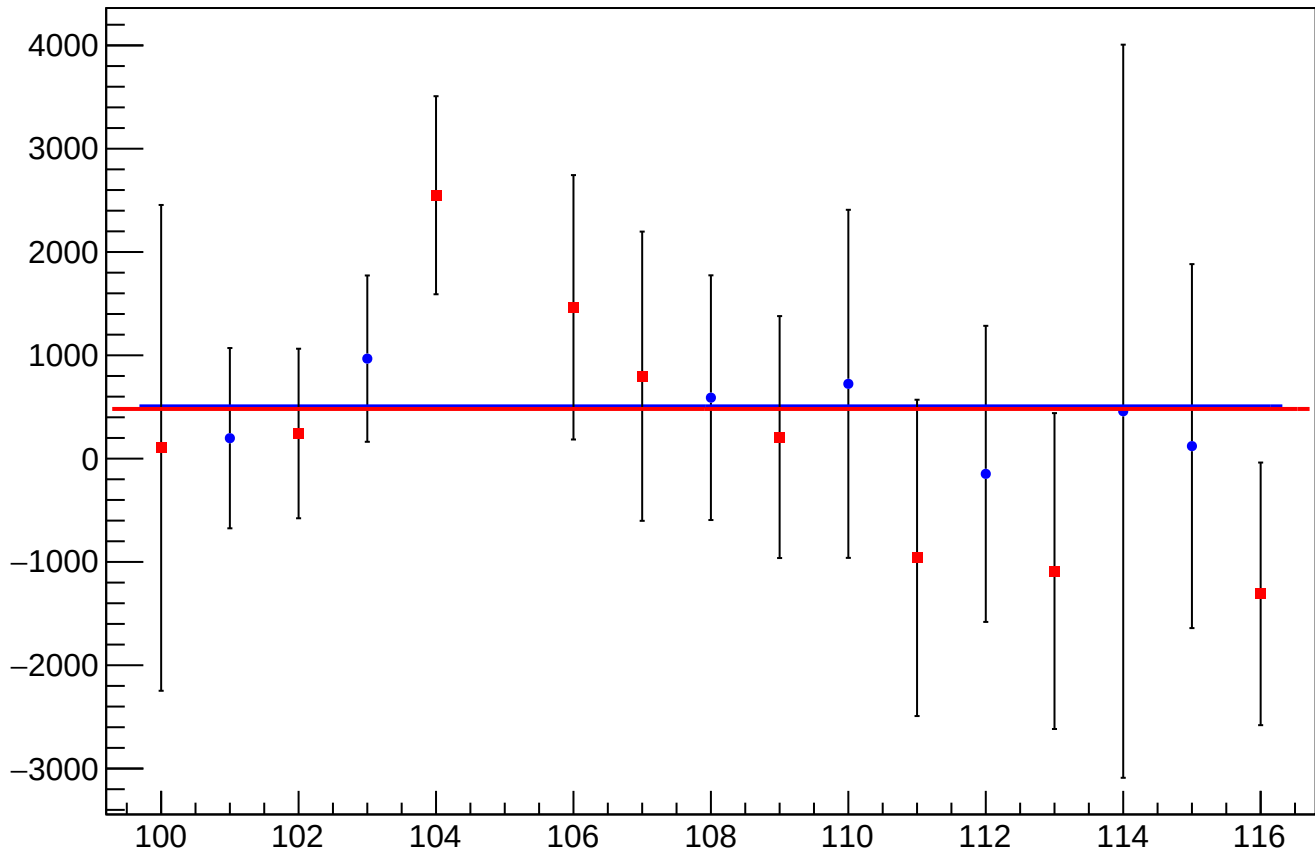
Right: 755.005+/-0.217 χ^2/NDF : 418286.2/15

In: 755.257+/-0.326 χ^2/NDF : 210944.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.005+/-0.217 χ^2/NDF : 418286.2/15

asym_sam1_mean vs Slug, Sign Corrected



Right In: 505.797 $\pm$ 455.938 χ^2 /NDF: 0.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 480.868 $\pm$ 405.620 χ^2 /NDF: 9.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

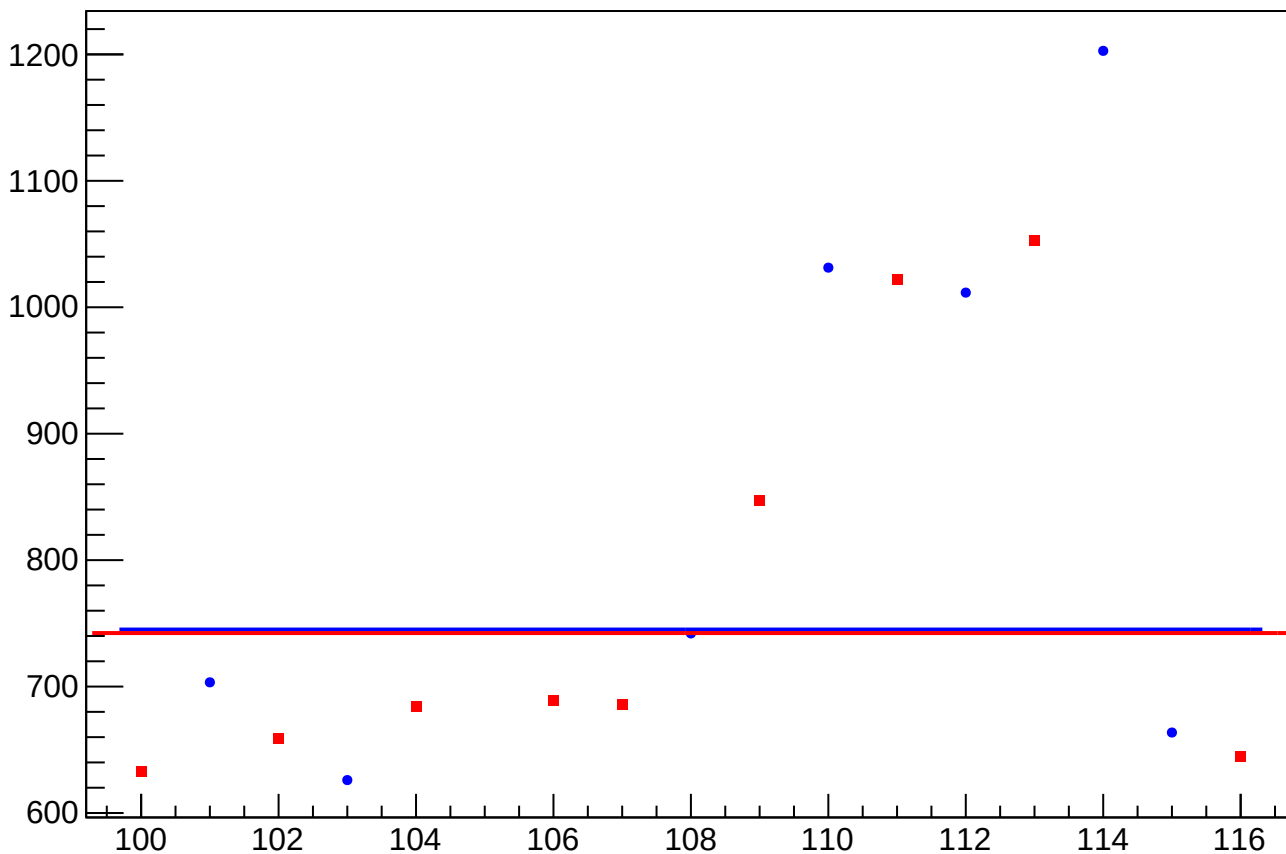
Right: 491.882 $\pm$ 303.051 χ^2 /NDF: 10.1/15

In: 505.797 $\pm$ 455.938 χ^2 /NDF:0.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 491.882 $\pm$ 303.051 χ^2 /NDF: 10.1/15

asym_sam1_rms vs Slug, Sign Corrected



Right In: 745.098+/-0.322 χ^2/NDF : 212793.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 742.327+/-0.287 χ^2/NDF : 215748.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

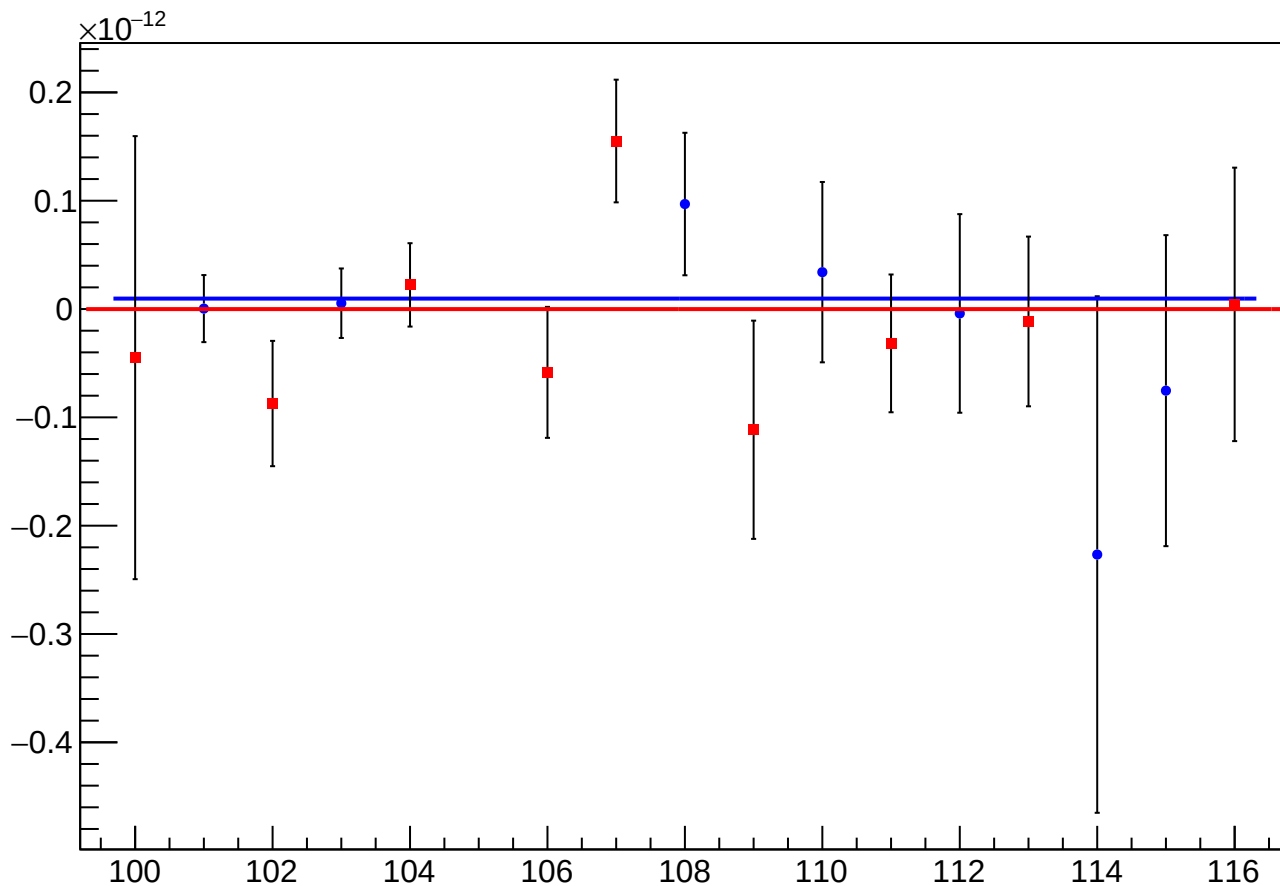
Right: 743.551+/-0.214 χ^2/NDF : 428583.2/15

In: 745.098+/-0.322 χ^2/NDF : 212793.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.551+/-0.214 χ^2/NDF : 428583.2/15

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

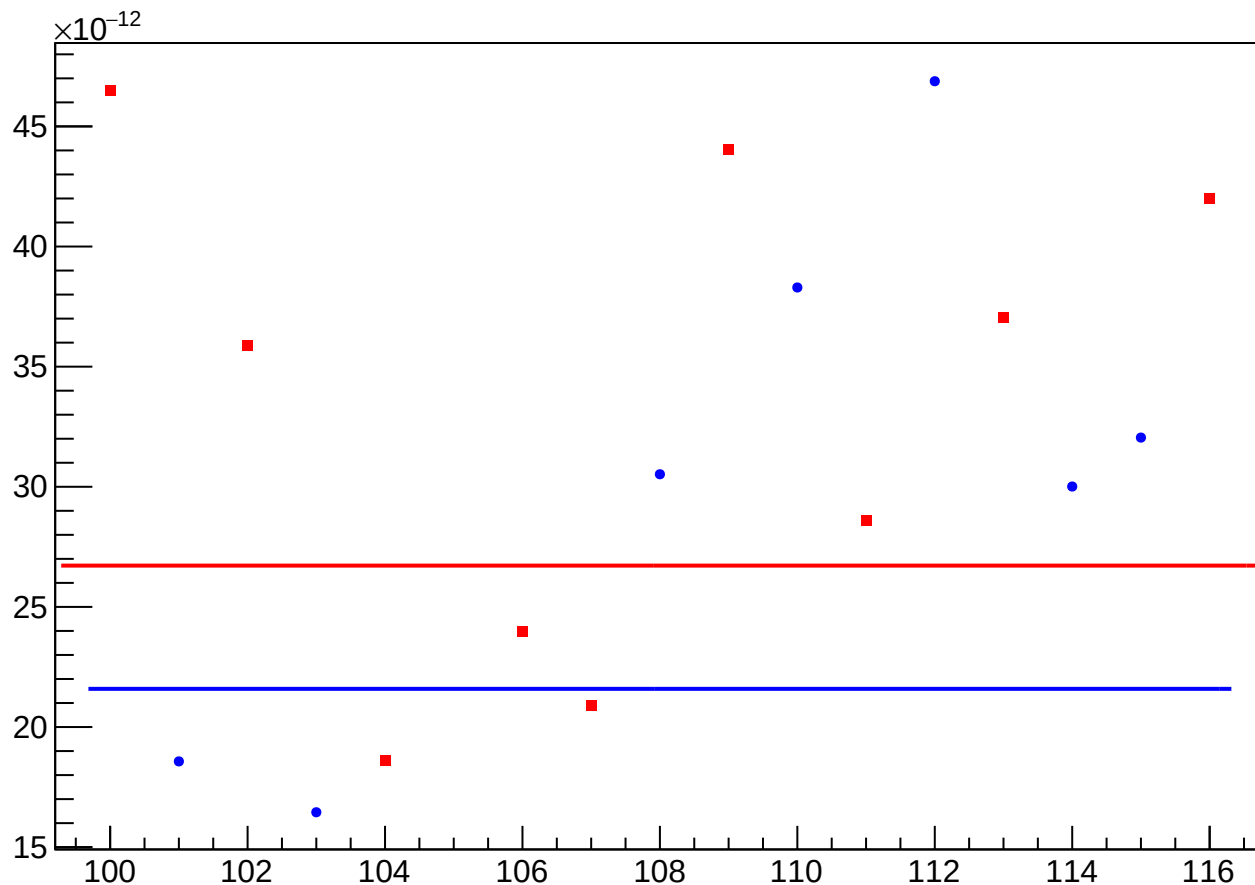
Right: 0.000+/-0.000 χ^2/NDF : 16.0/15

In: 0.000+/-0.000 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/15

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 353035.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 308017.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

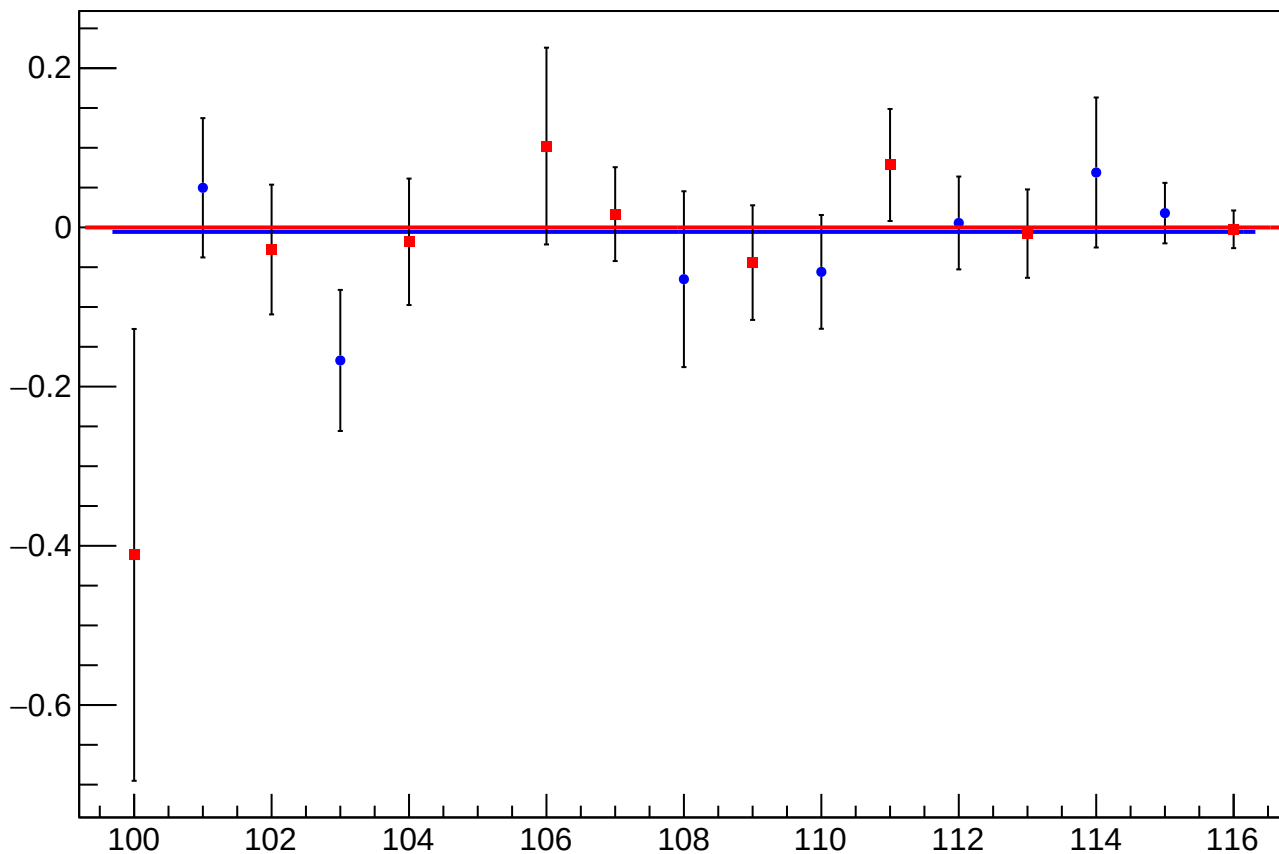
Right: 0.000+/-0.000 χ^2/NDF : 722802.6/15

In: 0.000+/-0.000 χ^2/NDF : 353035.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 722802.6/15

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.025 χ^2 /NDF: 5.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.018 χ^2 /NDF: 4.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

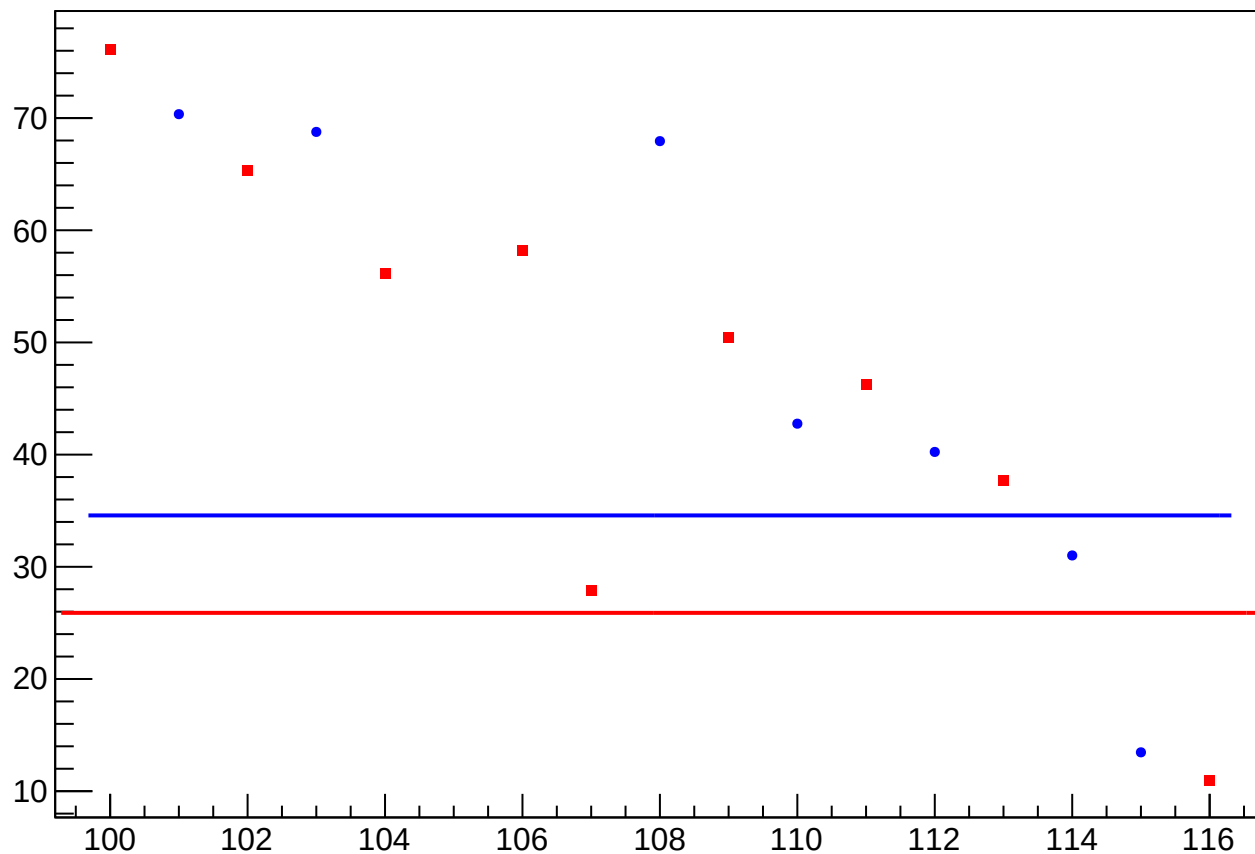
Right: -0.002+/-0.014 χ^2 /NDF: 10.3/15

In: -0.006+/-0.025 χ^2 /NDF:5.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.002+/-0.014 χ^2 /NDF: 10.3/15

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.580 $\pm$ 0.017 χ^2 /NDF: 1480130.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.895 $\pm$ 0.013 χ^2 /NDF: 2248834.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

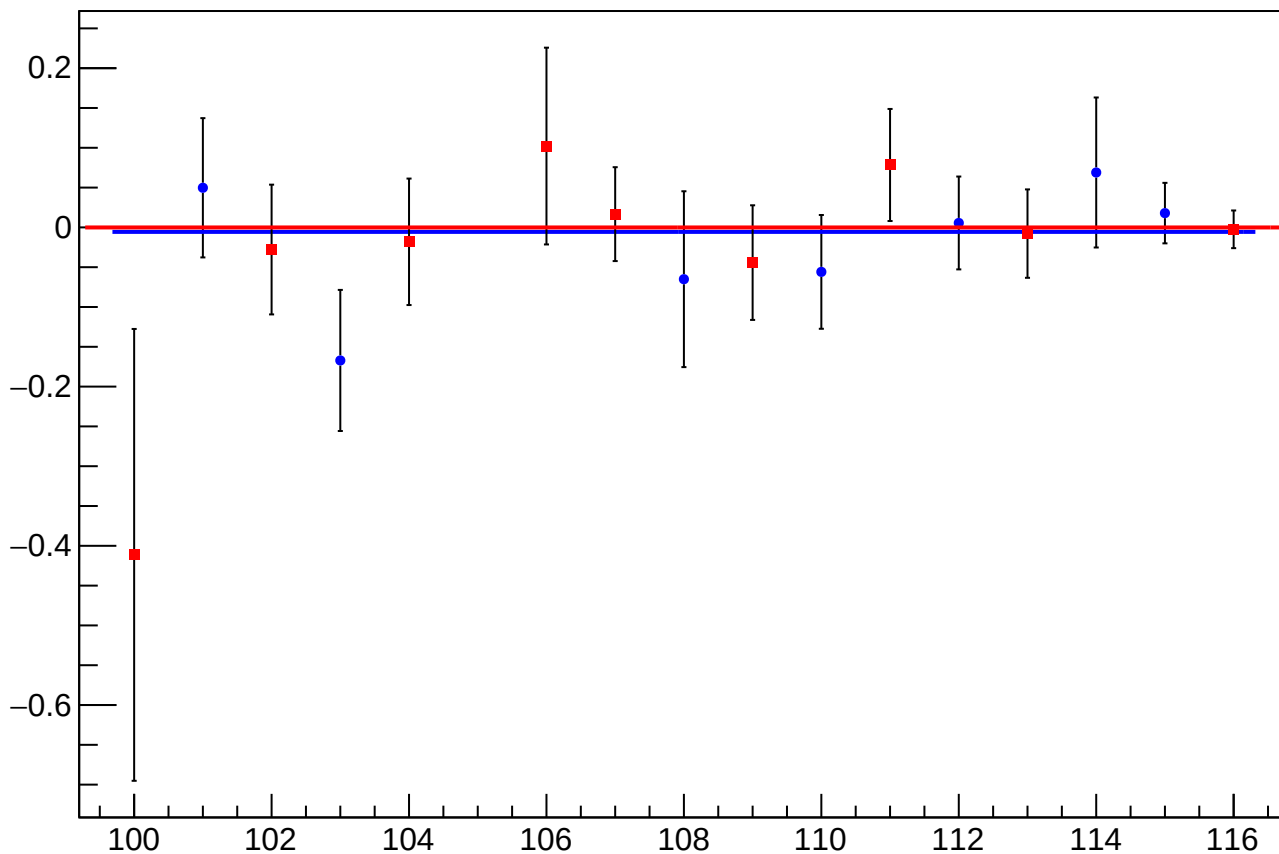
Right: 28.844 $\pm$ 0.010 χ^2 /NDF: 3891875.6/15

In: 34.580 $\pm$ 0.017 χ^2 /NDF:1480130.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.844 $\pm$ 0.010 χ^2 /NDF: 3891875.6/15

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.025 χ^2 /NDF: 5.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

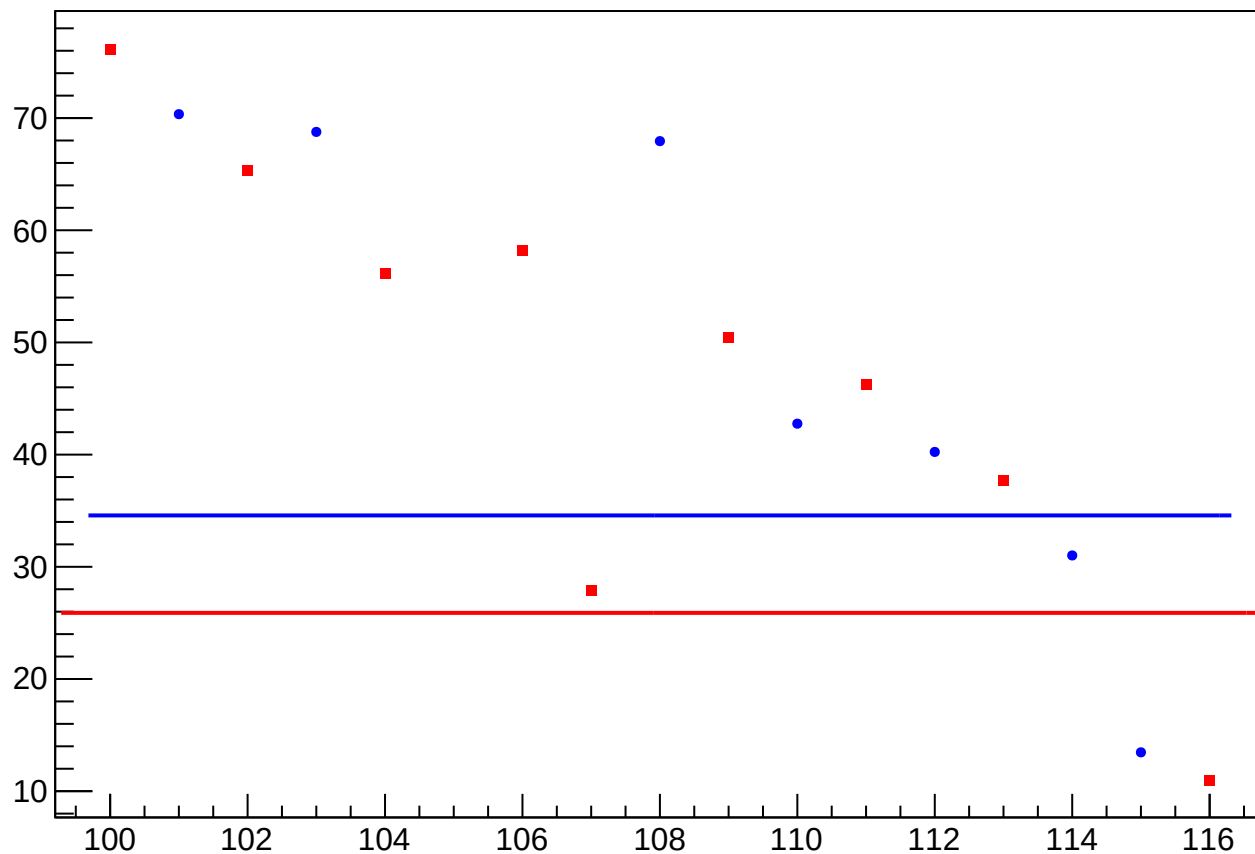
Right: -0.002 $\pm$ 0.014 χ^2 /NDF: 10.3/15

In: -0.006 $\pm$ 0.025 χ^2 /NDF:5.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 10.3/15

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.580+/-0.017 χ^2/NDF : 1480130.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.895+/-0.013 χ^2/NDF : 2248834.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

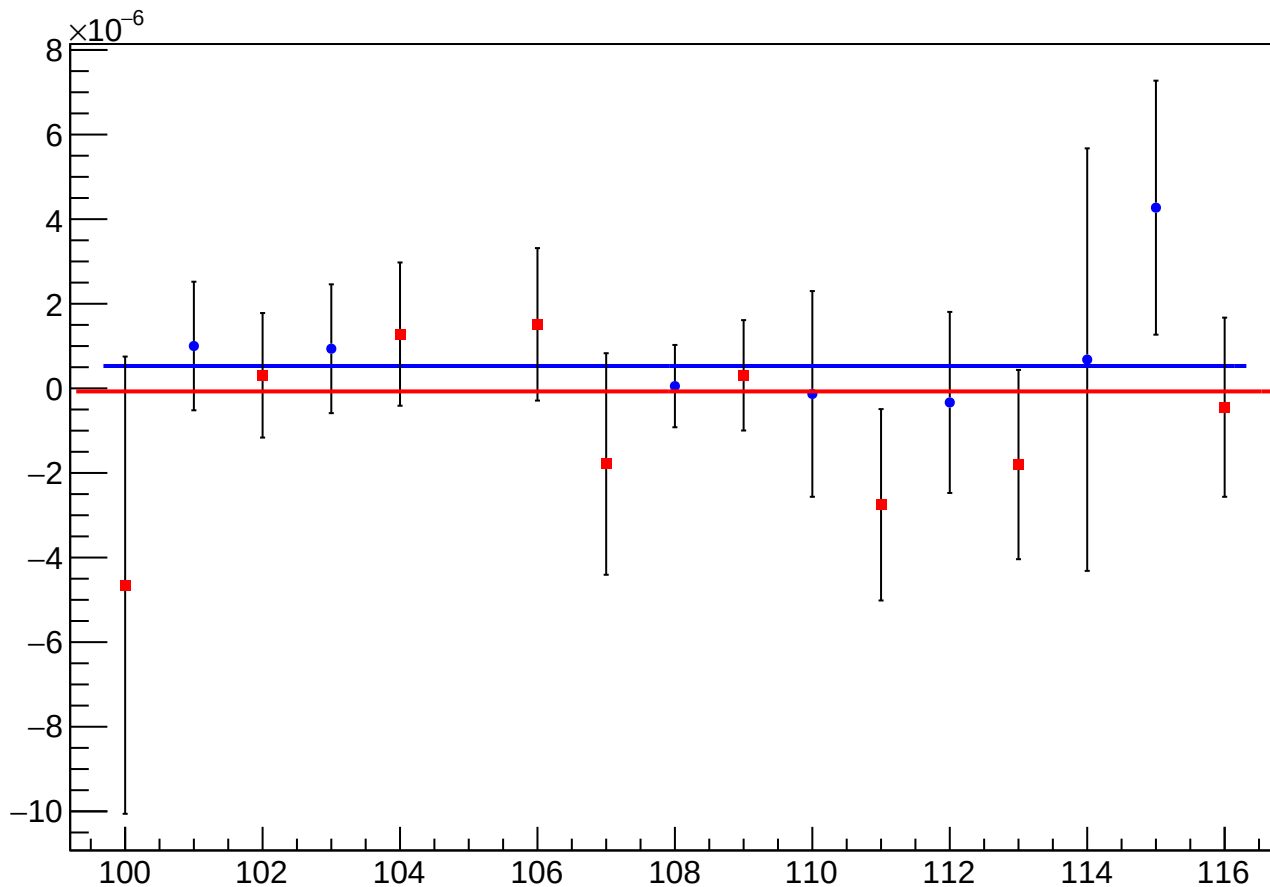
Right: 28.844+/-0.010 χ^2/NDF : 3891875.6/15

In: 34.580+/-0.017 χ^2/NDF : 1480130.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.844+/-0.010 χ^2/NDF : 3891875.6/15

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

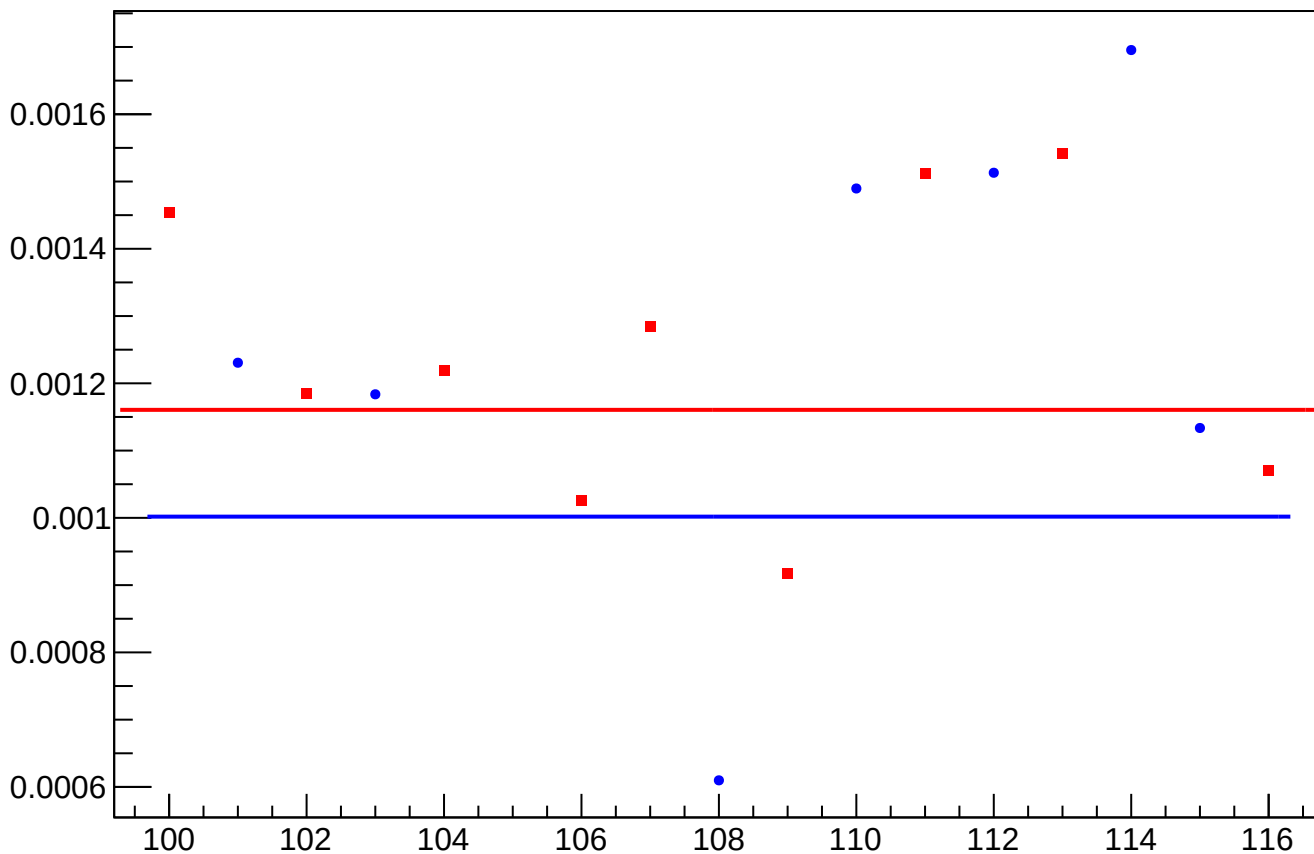
Right: 0.000+/-0.000 χ^2/NDF : 7.4/15

In: 0.000+/-0.000 χ^2/NDF : 2.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/15

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 635519.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 204145.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

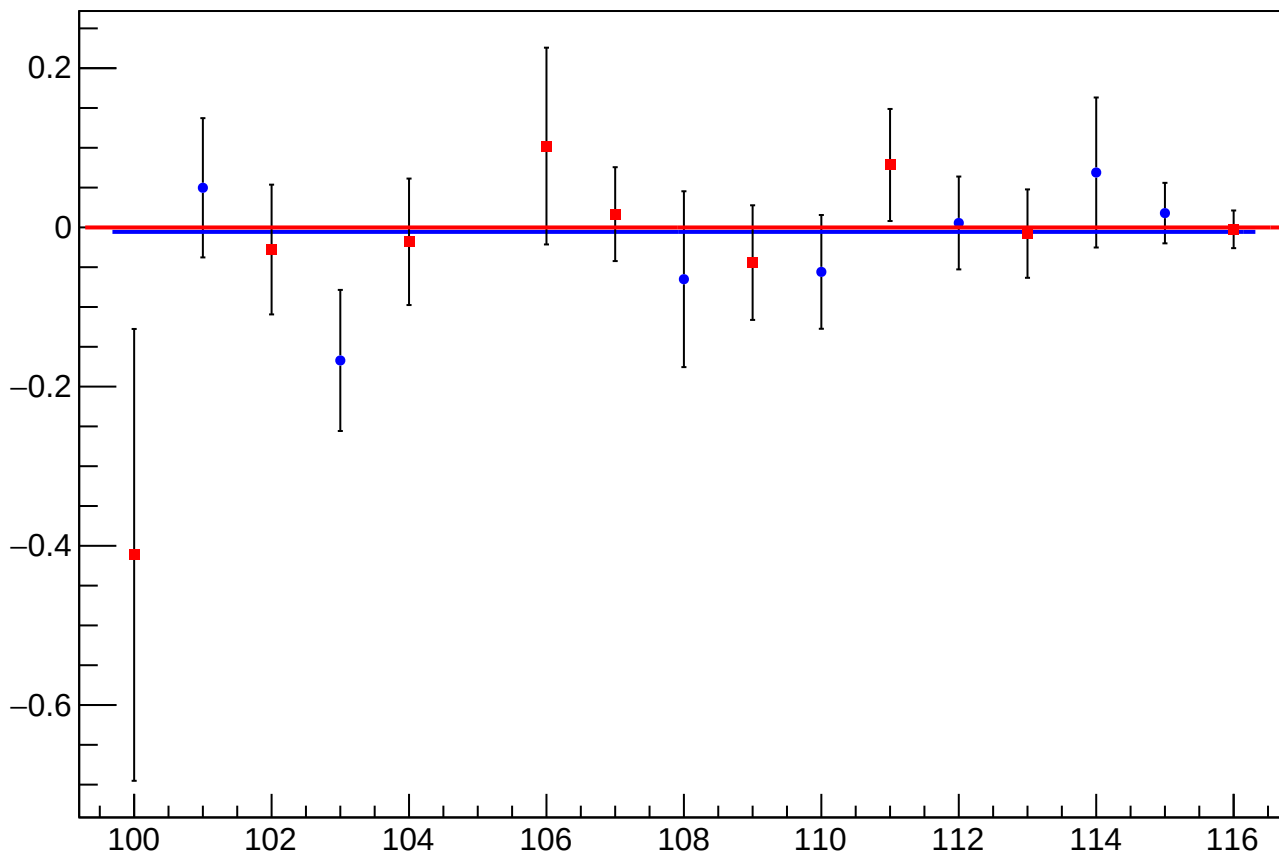
Right: 0.001+/-0.000 χ^2/NDF : 902177.4/15

In: 0.001+/-0.000 χ^2/NDF :635519.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 902177.4/15

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.025 χ^2 /NDF: 5.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

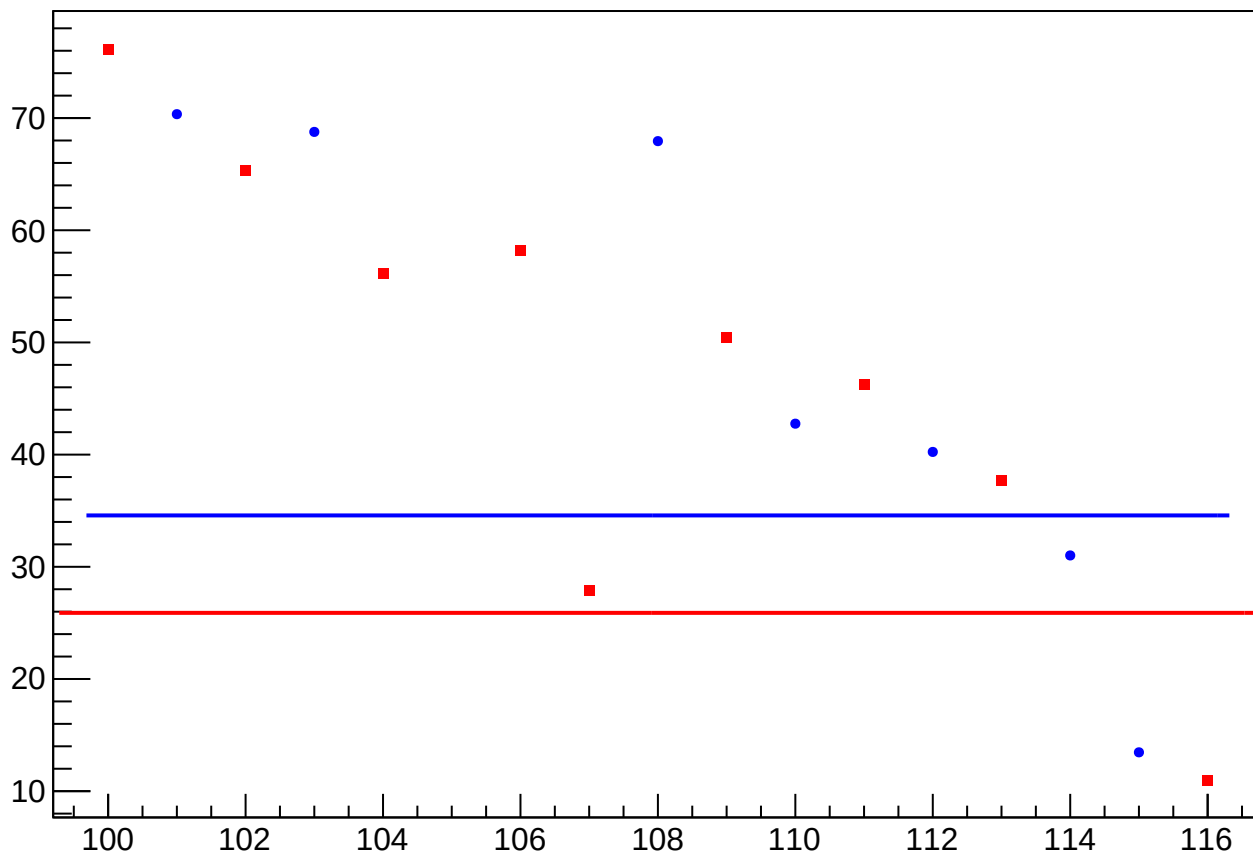
Right: -0.002 $\pm$ 0.014 χ^2 /NDF: 10.3/15

In: -0.006 $\pm$ 0.025 χ^2 /NDF:5.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 10.3/15

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.580+/-0.017 χ^2/NDF : 1480161.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.894+/-0.013 χ^2/NDF : 2248880.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

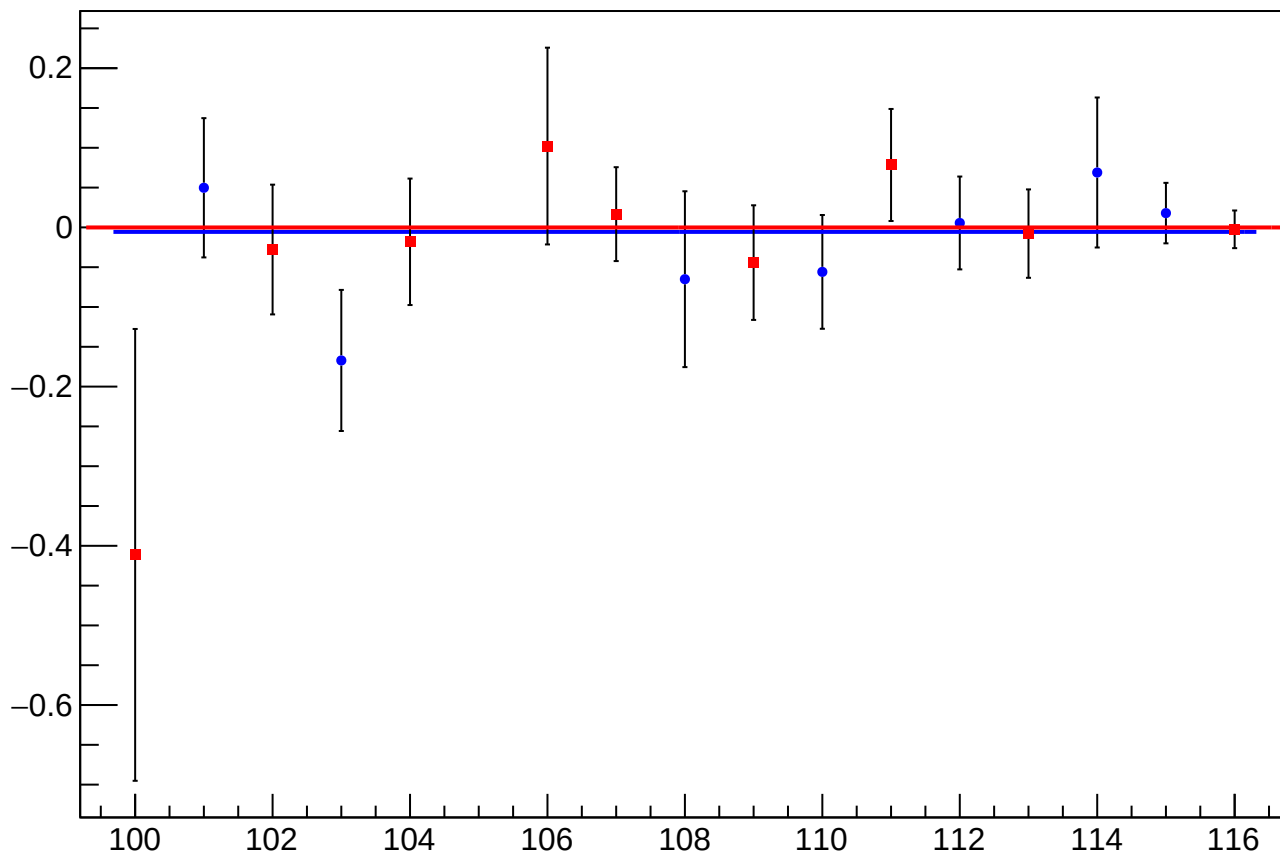
Right: 28.844+/-0.010 χ^2/NDF : 3891956.4/15

In: 34.580+/-0.017 χ^2/NDF : 1480161.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.844+/-0.010 χ^2/NDF : 3891956.4/15

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.025 χ^2 /NDF: 5.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

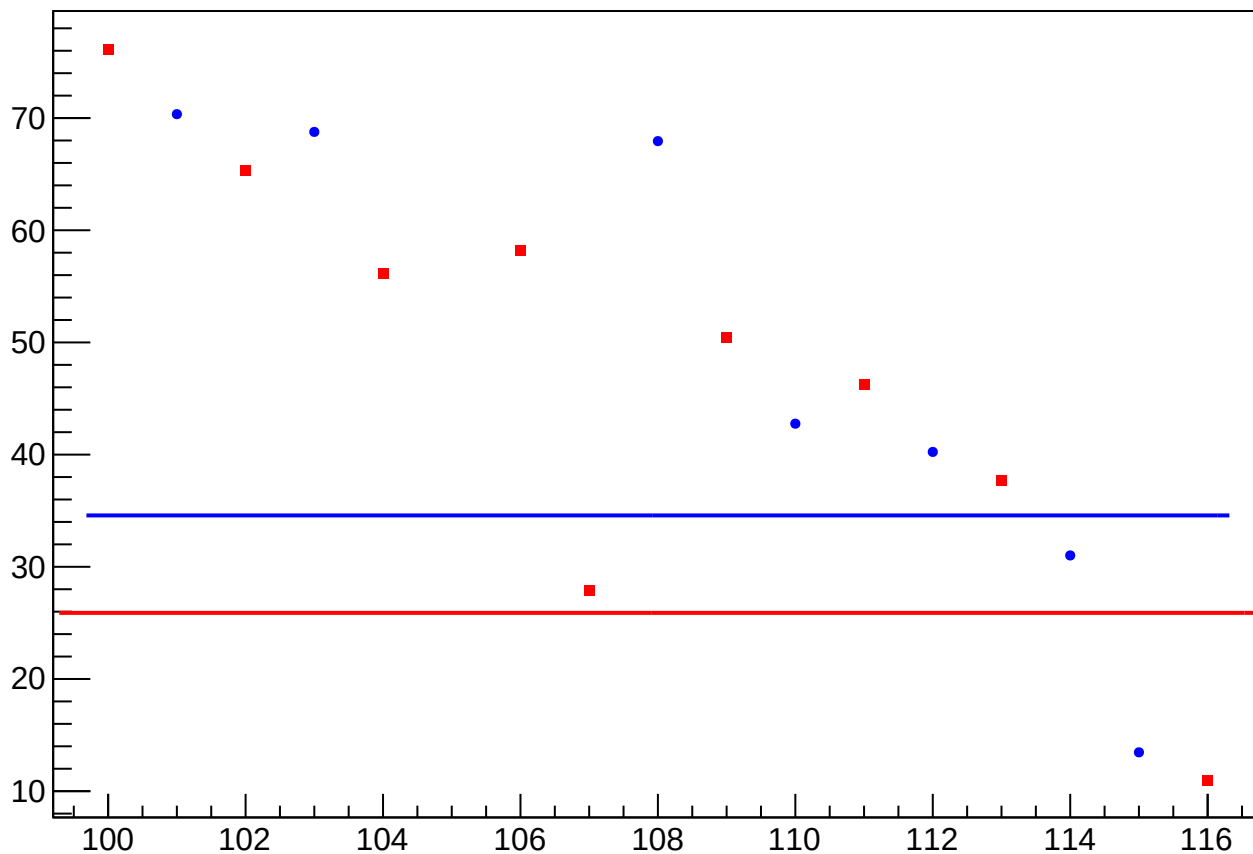
Right: -0.002 $\pm$ 0.014 χ^2 /NDF: 10.3/15

In: -0.006 $\pm$ 0.025 χ^2 /NDF:5.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 10.3/15

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.580 $\pm$ 0.017 χ^2 /NDF: 1480161.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.894 $\pm$ 0.013 χ^2 /NDF: 2248880.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

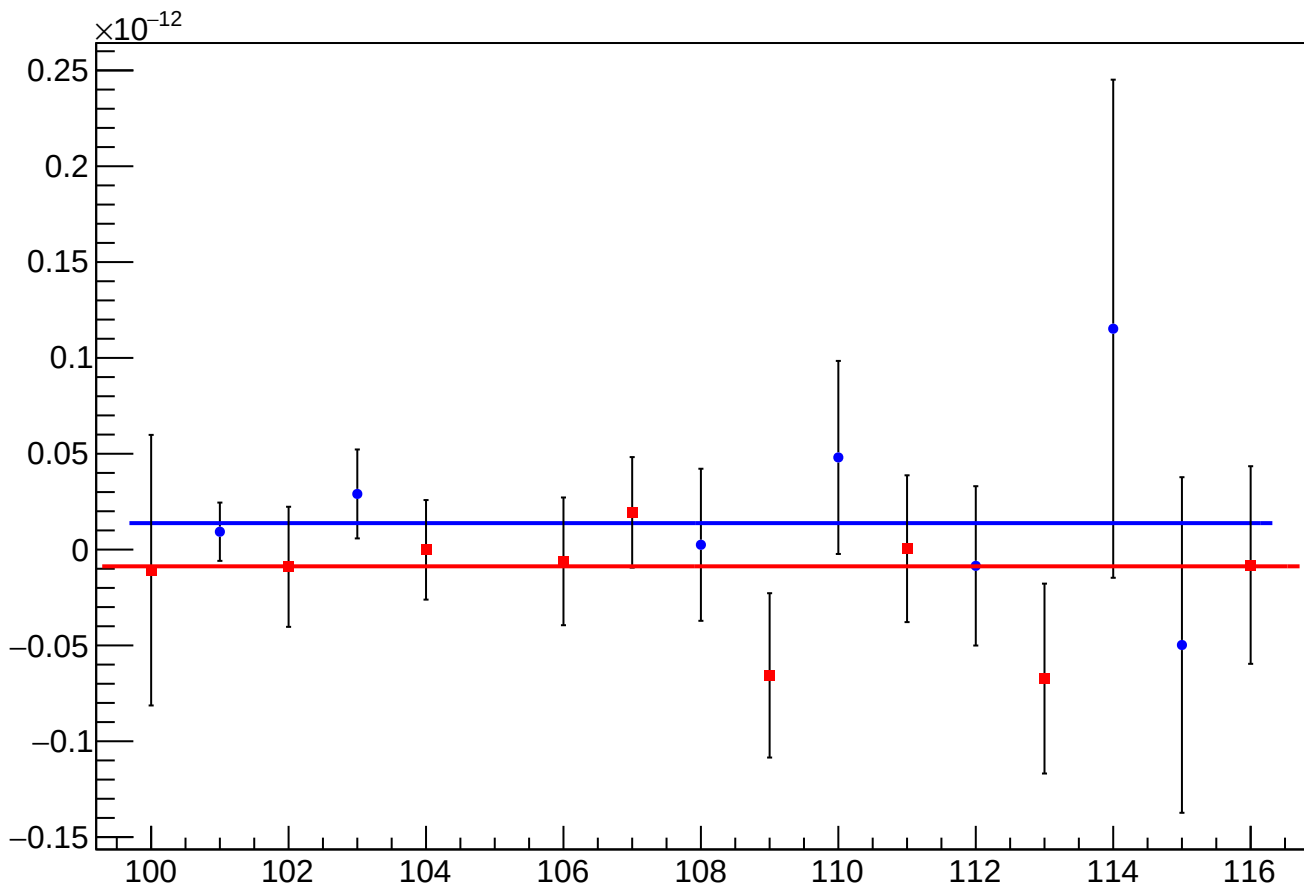
Right: 28.844 $\pm$ 0.010 χ^2 /NDF: 3891956.4/15

In: 34.580 $\pm$ 0.017 χ^2 /NDF:1480161.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.844 $\pm$ 0.010 χ^2 /NDF: 3891956.4/15

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

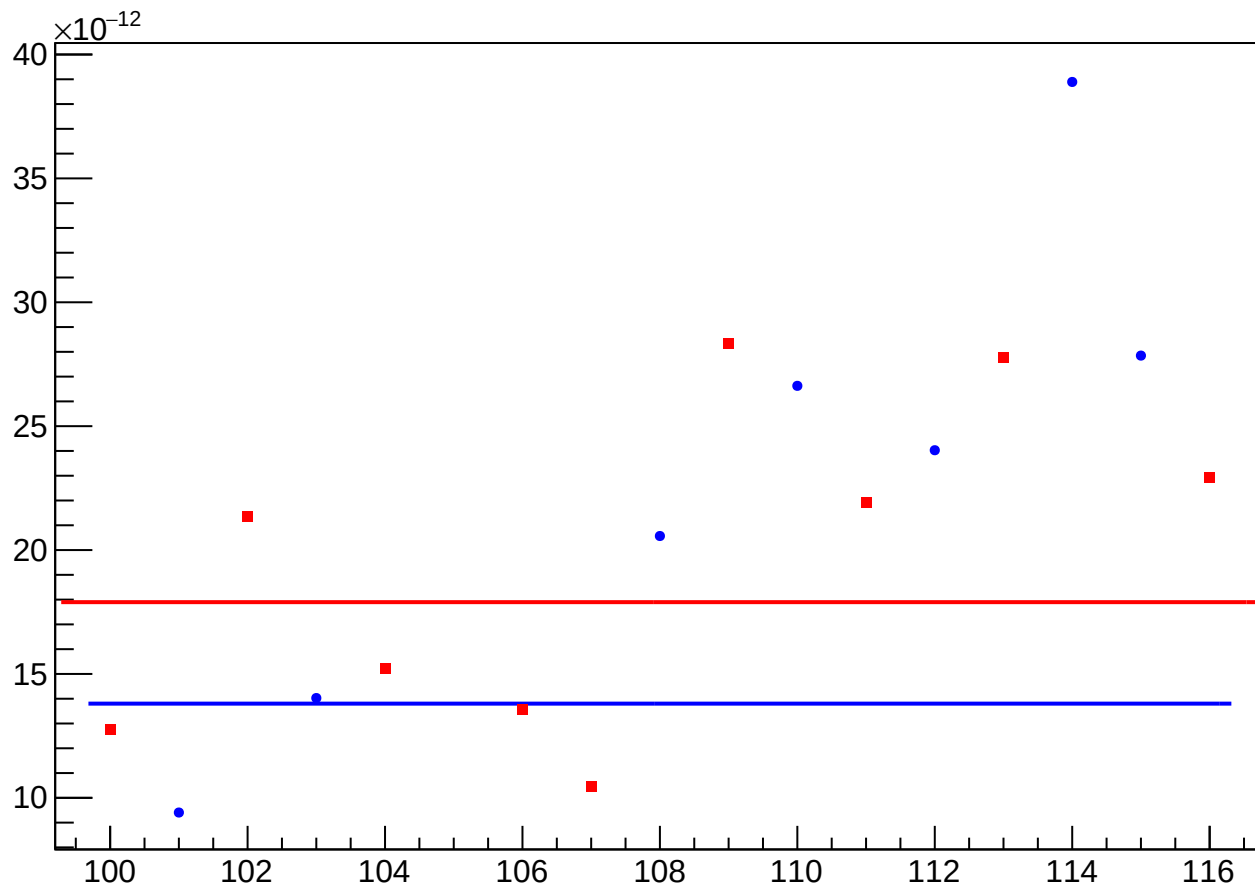
Right: 0.000+/-0.000 χ^2/NDF : 8.6/15

In: 0.000+/-0.000 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.6/15

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 602358.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 462175.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

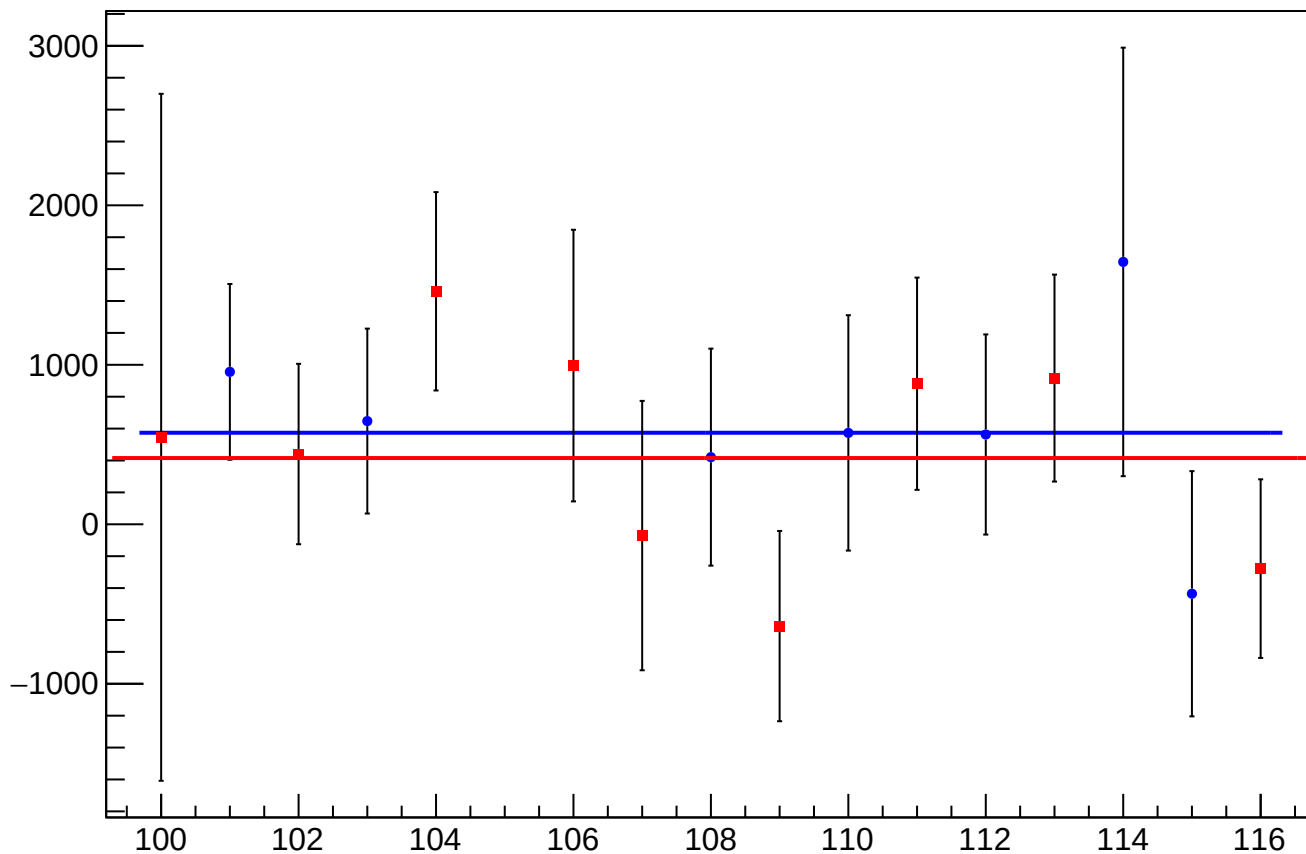
Right: 0.000+/-0.000 χ^2/NDF : 1187868.7/15

In: 0.000+/-0.000 χ^2/NDF : 602358.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1187868.7/15

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 574.010 $\pm$ 257.757 χ^2 /NDF: 2.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 415.311 $\pm$ 227.383 χ^2 /NDF: 9.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

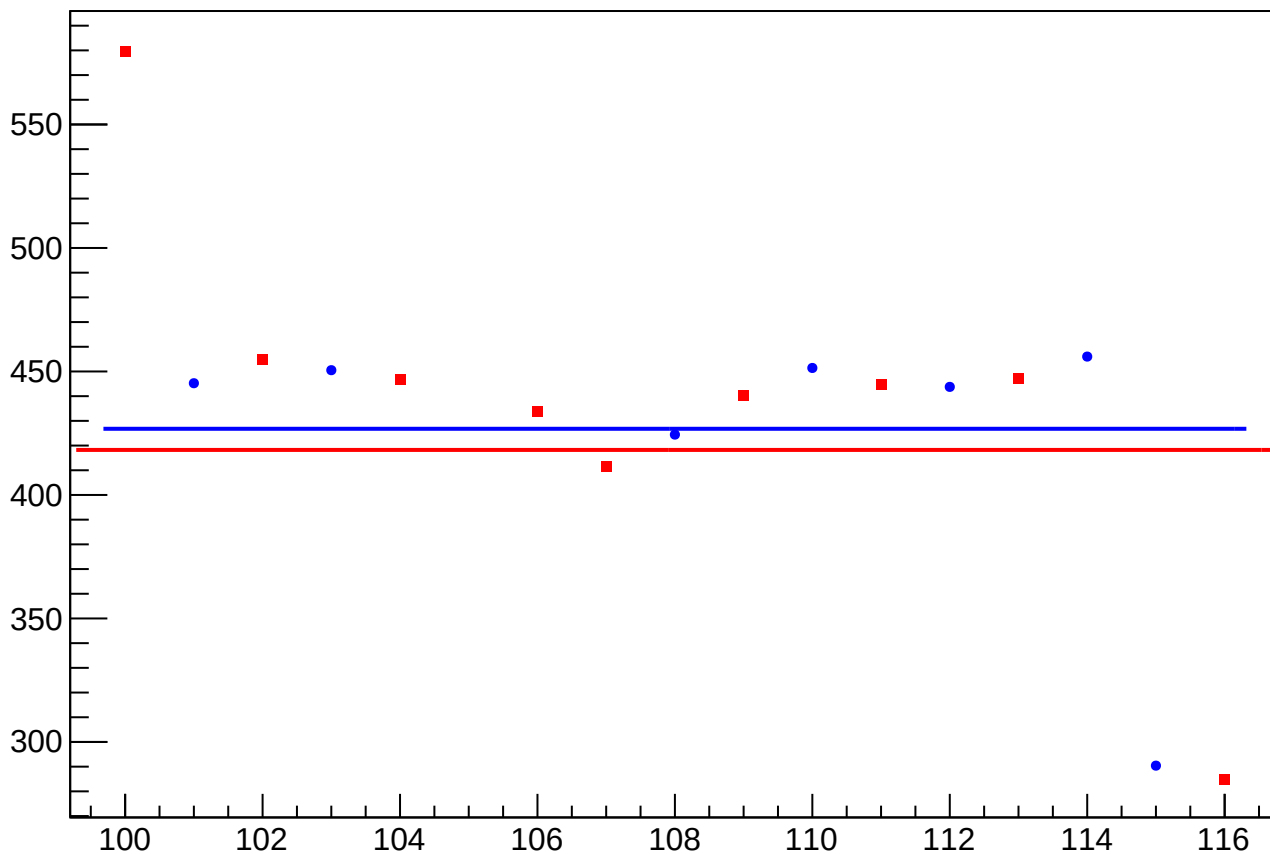
Right: 484.763 $\pm$ 170.517 χ^2 /NDF: 12.5/15

In: 574.010 $\pm$ 257.757 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 484.763 $\pm$ 170.517 χ^2 /NDF: 12.5/15

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 426.794 $\pm$ 0.182 χ^2 /NDF: 73205.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 418.232 $\pm$ 0.161 χ^2 /NDF: 148296.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

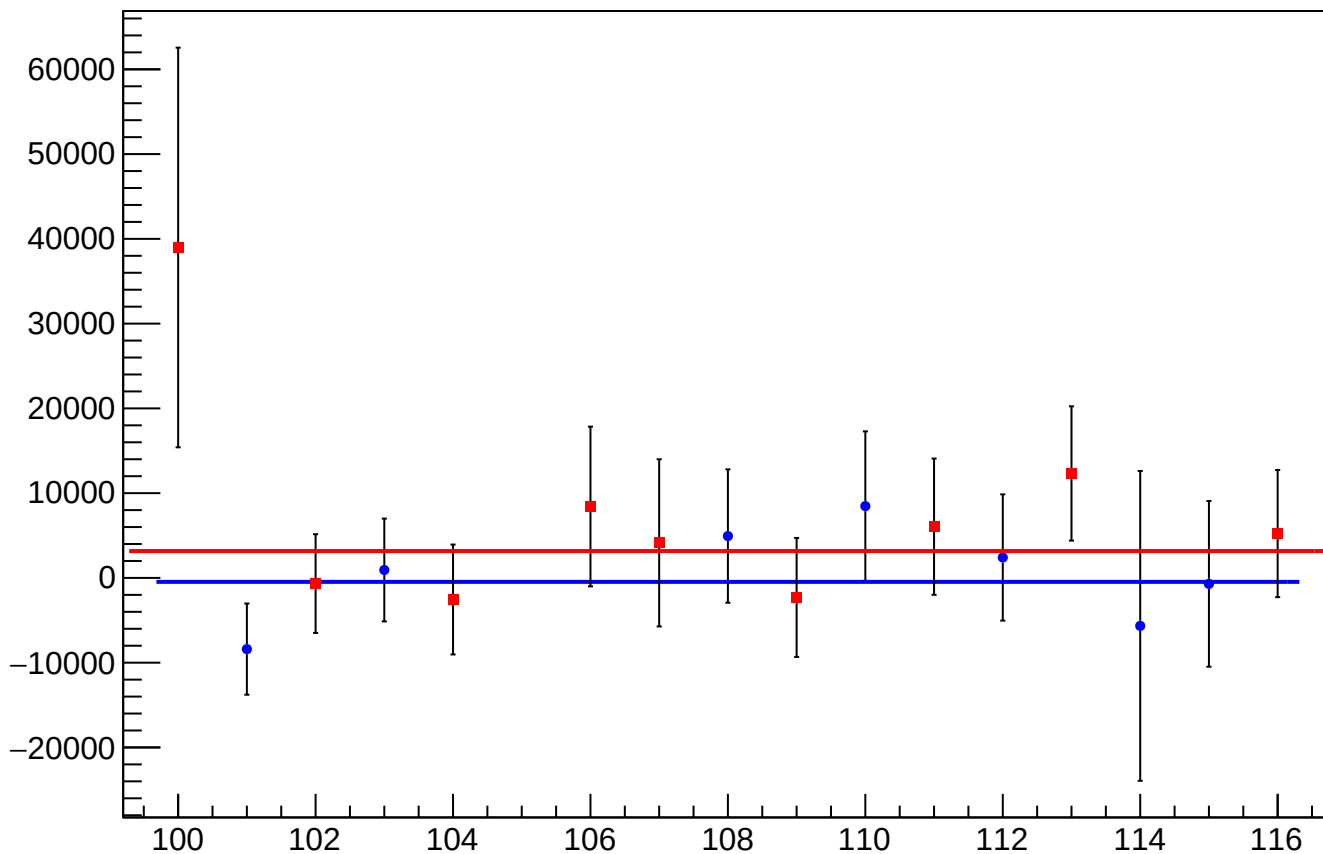
Right: 421.979 $\pm$ 0.121 χ^2 /NDF: 222742.2/15

In: 426.794 $\pm$ 0.182 χ^2 /NDF: 73205.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 421.979 $\pm$ 0.121 χ^2 /NDF: 222742.2/15

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -466.327+/-2860.448 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3172.214+/-2615.885 χ^2/NDF : 6.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

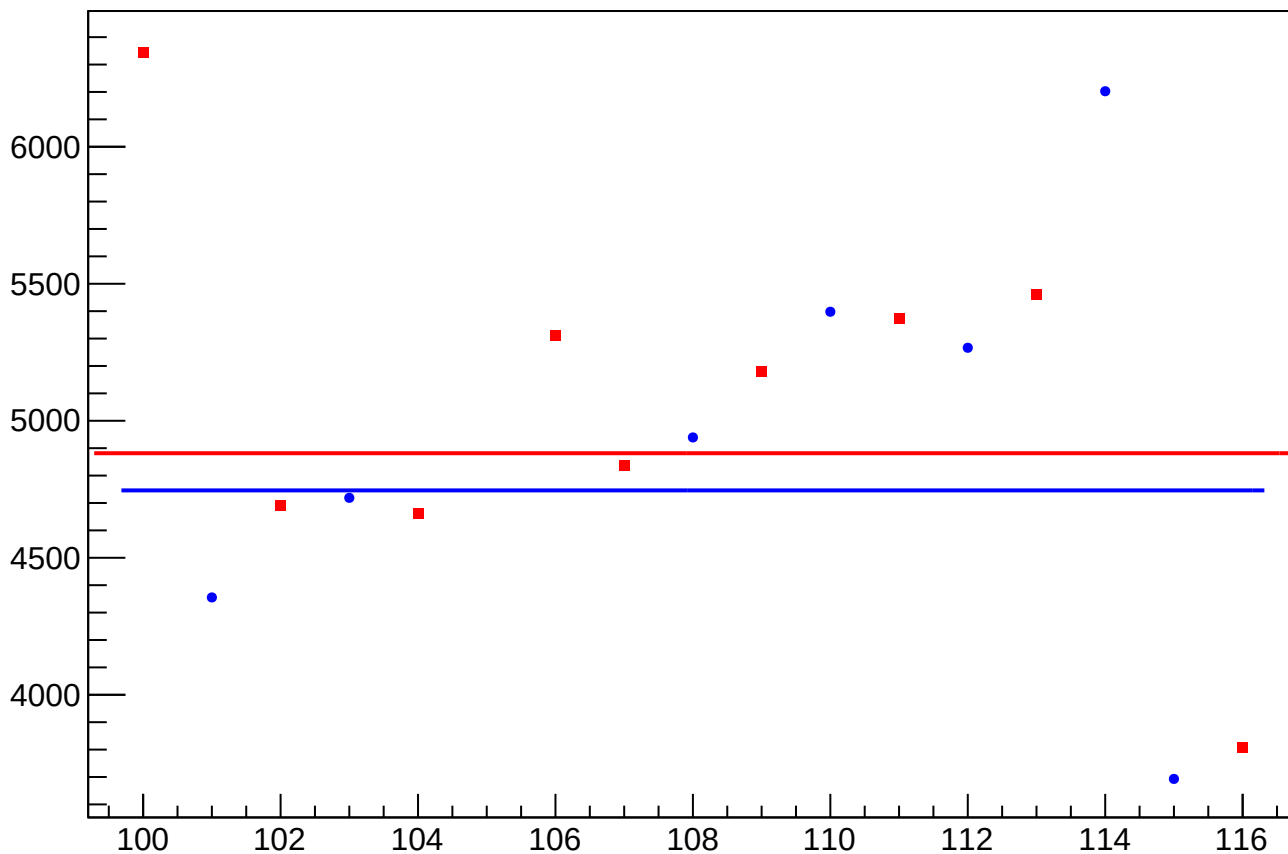
Right: 1515.111+/-1930.391 χ^2/NDF : 10.8/15

In: -466.327+/-2860.448 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.111+/-1930.391 χ^2/NDF : 10.8/15

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4745.912+/-2.023 χ^2/NDF : 68406.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4881.577+/-1.850 χ^2/NDF : 79058.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

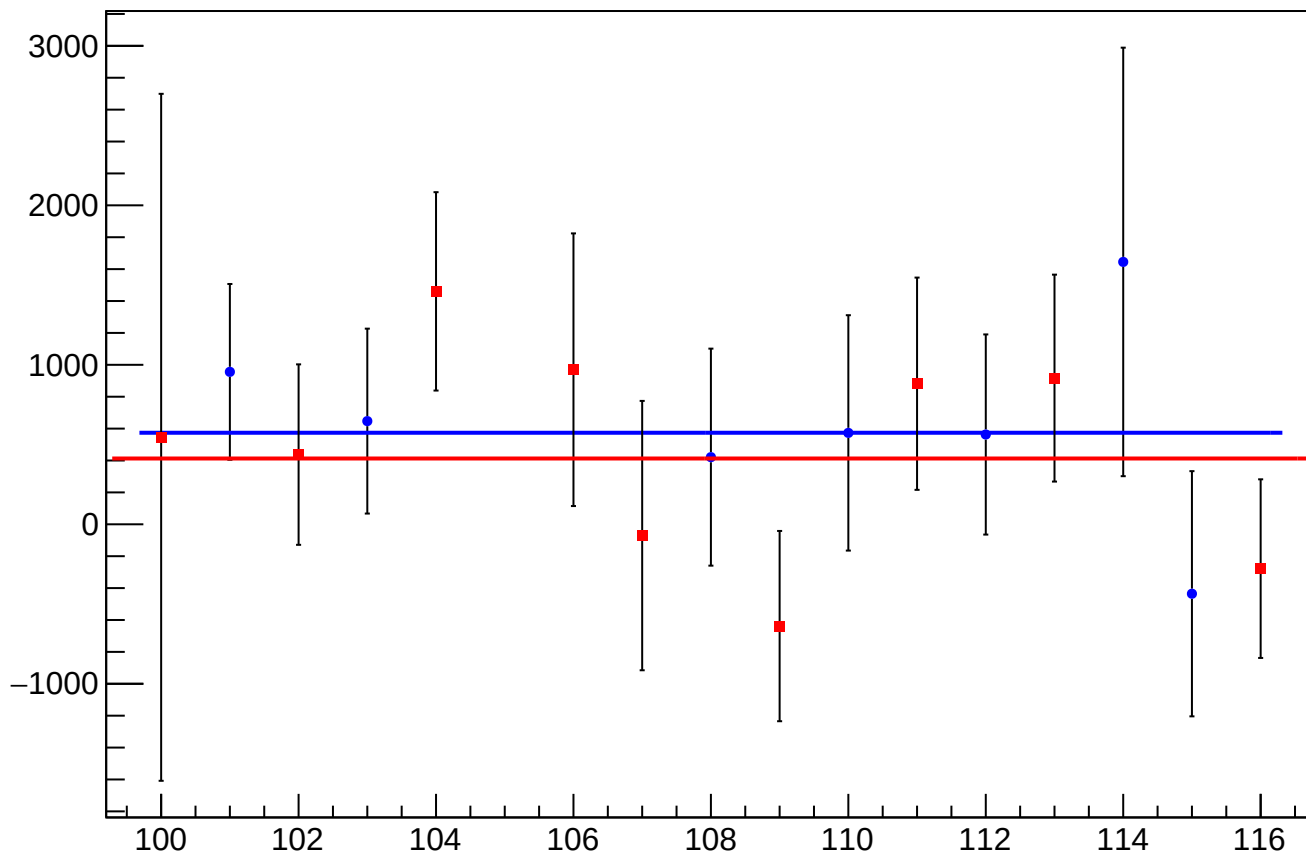
Right: 4819.791+/-1.365 χ^2/NDF : 149915.2/15

In: 4745.912+/-2.023 χ^2/NDF : 68406.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4819.791+/-1.365 χ^2/NDF : 149915.2/15

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 574.008 $\pm$ 257.757 χ^2 /NDF: 2.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 412.562 $\pm$ 227.459 χ^2 /NDF: 9.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

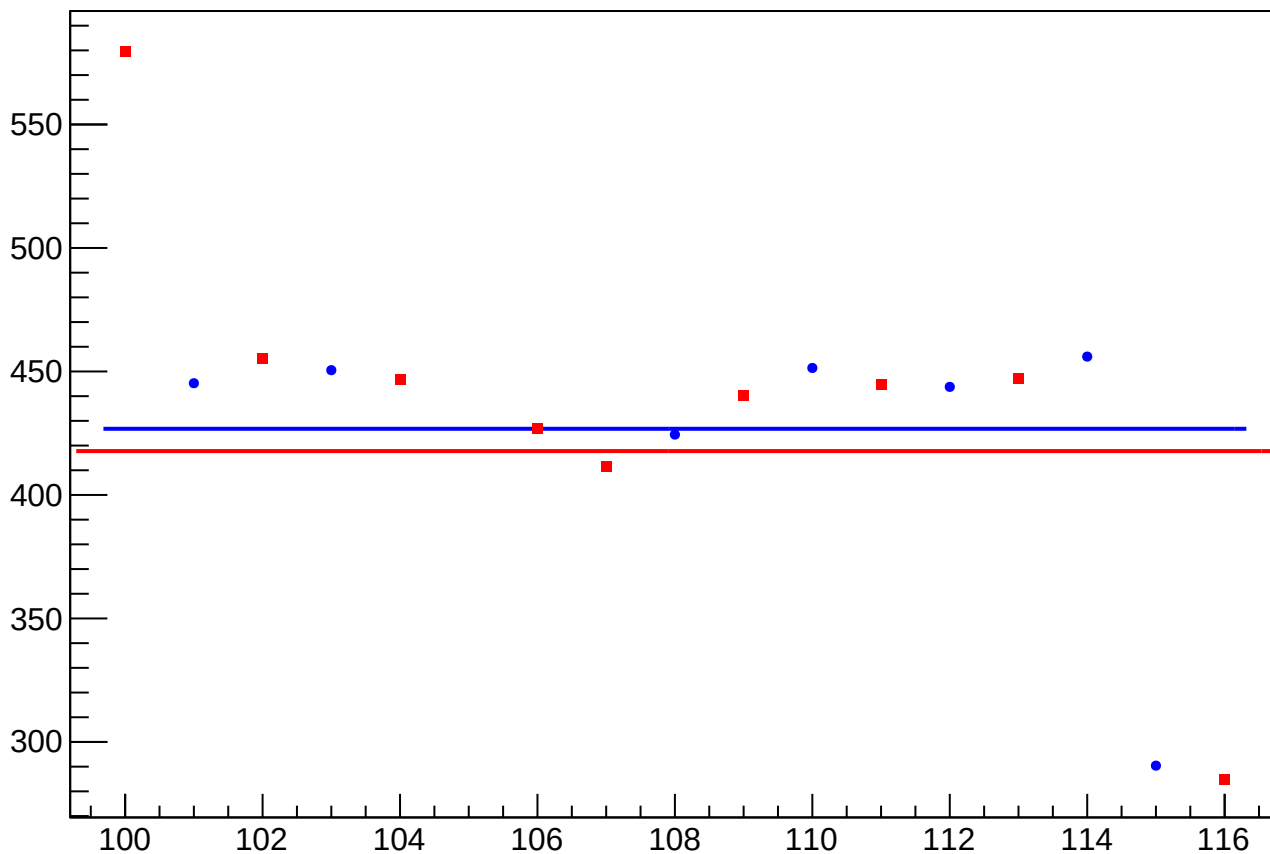
Right: 483.243 $\pm$ 170.549 χ^2 /NDF: 12.4/15

In: 574.008 $\pm$ 257.757 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 483.243 $\pm$ 170.549 χ^2 /NDF: 12.4/15

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 426.795 $\pm$ 0.182 χ^2 /NDF: 73205.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 417.768 $\pm$ 0.161 χ^2 /NDF: 147911.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

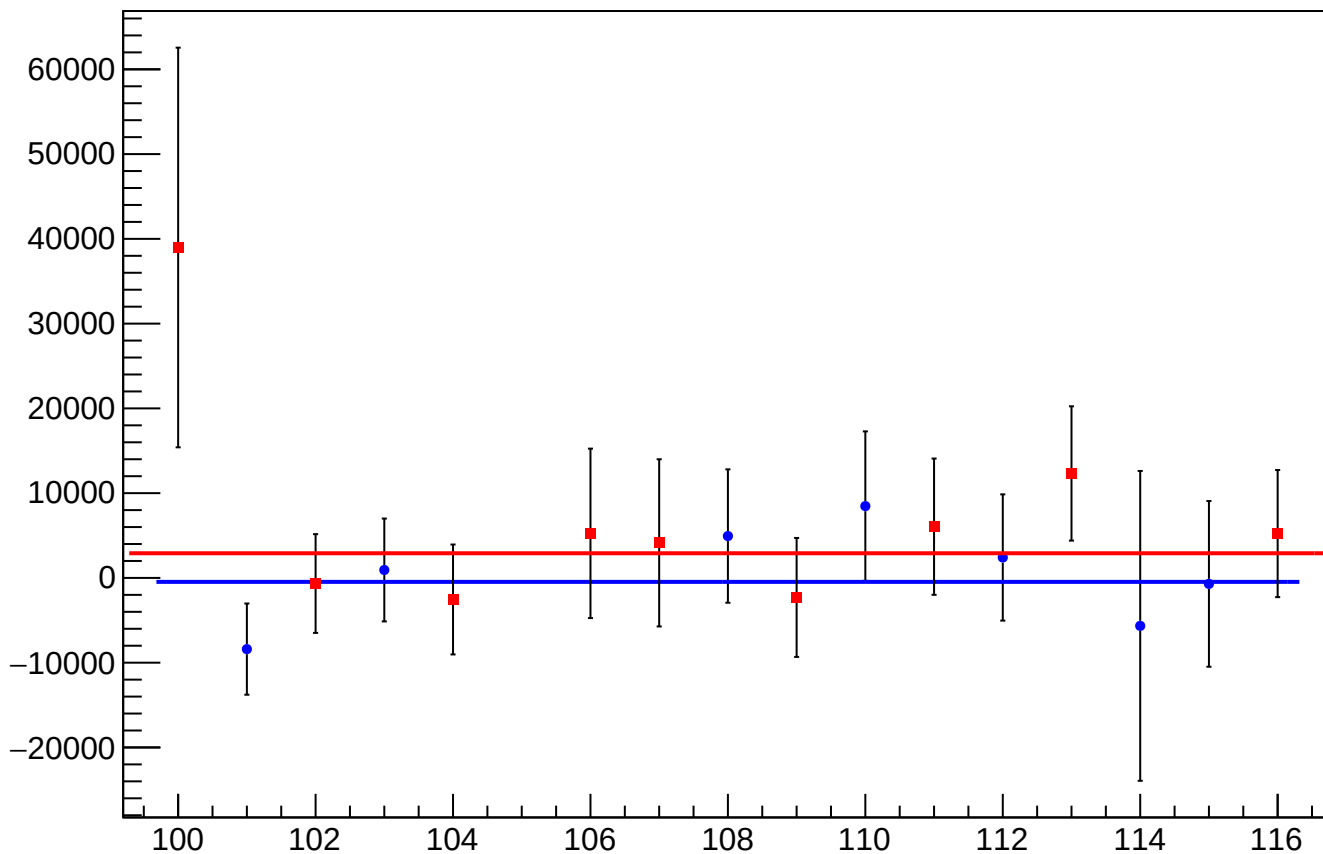
Right: 421.720 $\pm$ 0.121 χ^2 /NDF: 222495.5/15

In: 426.795 $\pm$ 0.182 χ^2 /NDF: 73205.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 421.720 $\pm$ 0.121 χ^2 /NDF: 222495.5/15

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -465.897+/-2860.473 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2910.102+/-2627.475 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

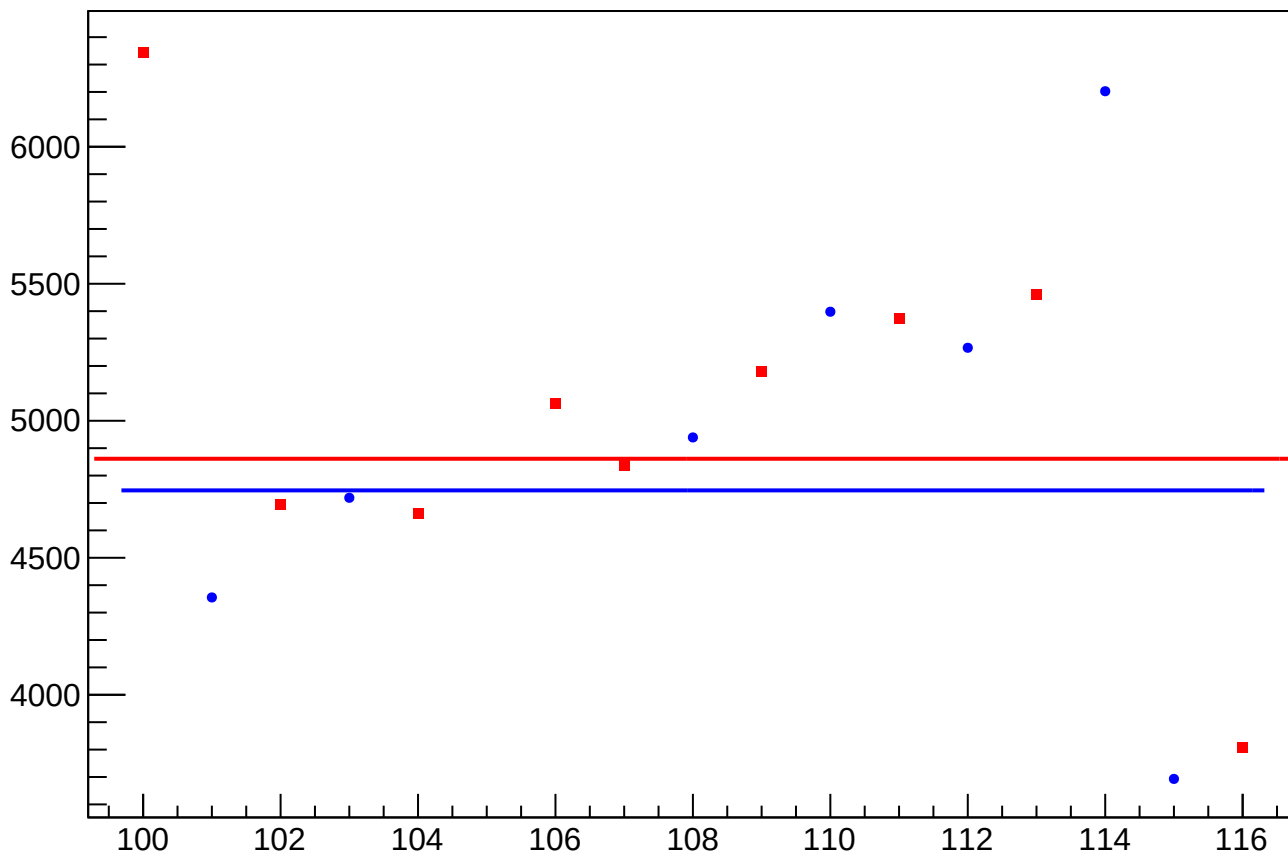
Right: 1365.177+/-1935.042 χ^2/NDF : 10.4/15

In: -465.897+/-2860.473 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.177+/-1935.042 χ^2/NDF : 10.4/15

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4745.952+/-2.023 χ^2/NDF : 68406.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4861.402+/-1.858 χ^2/NDF : 75414.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

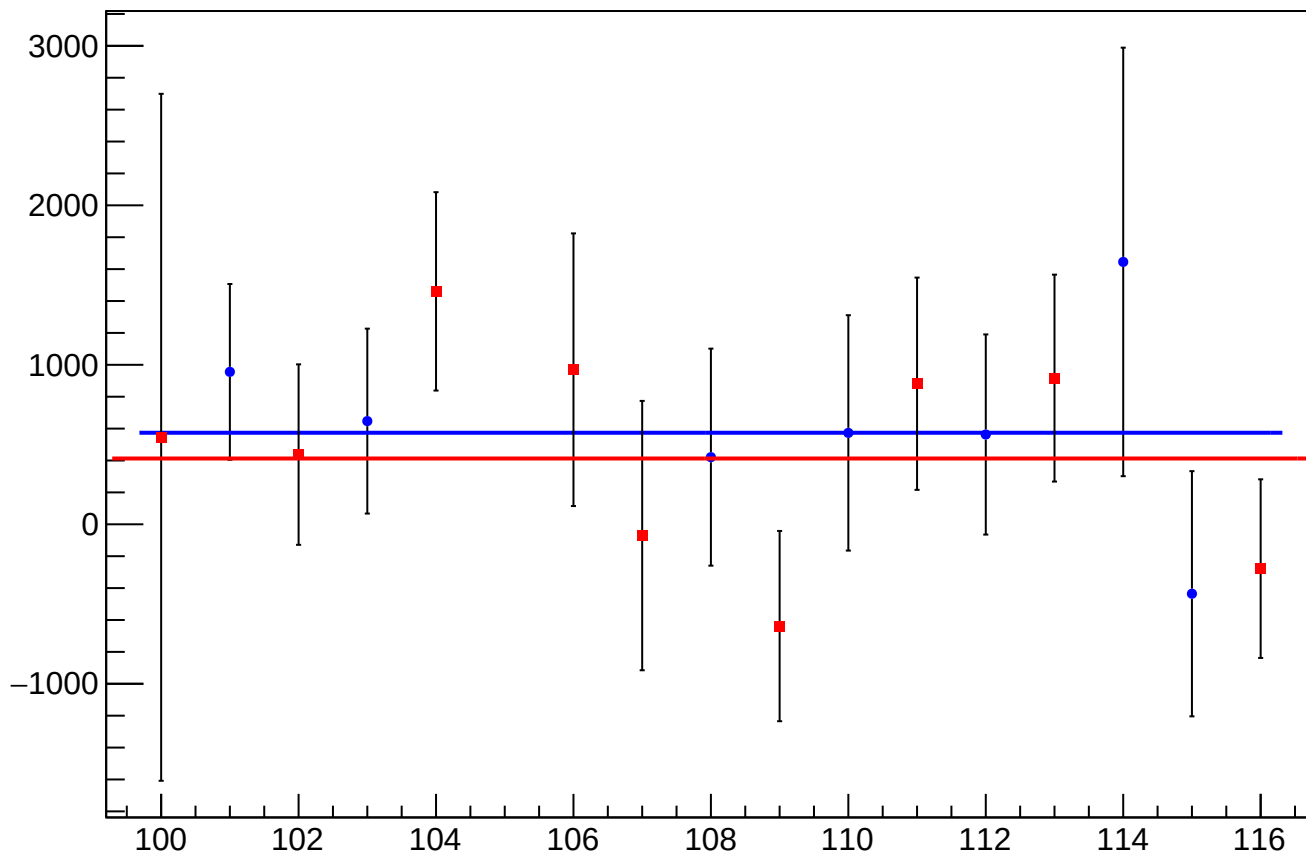
Right: 4808.570+/-1.368 χ^2/NDF : 145587.2/15

In: 4745.952+/-2.023 χ^2/NDF : 68406.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4808.570+/-1.368 χ^2/NDF : 145587.2/15

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 574.008 $\pm$ 257.757 χ^2 /NDF: 2.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 412.562 $\pm$ 227.459 χ^2 /NDF: 9.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

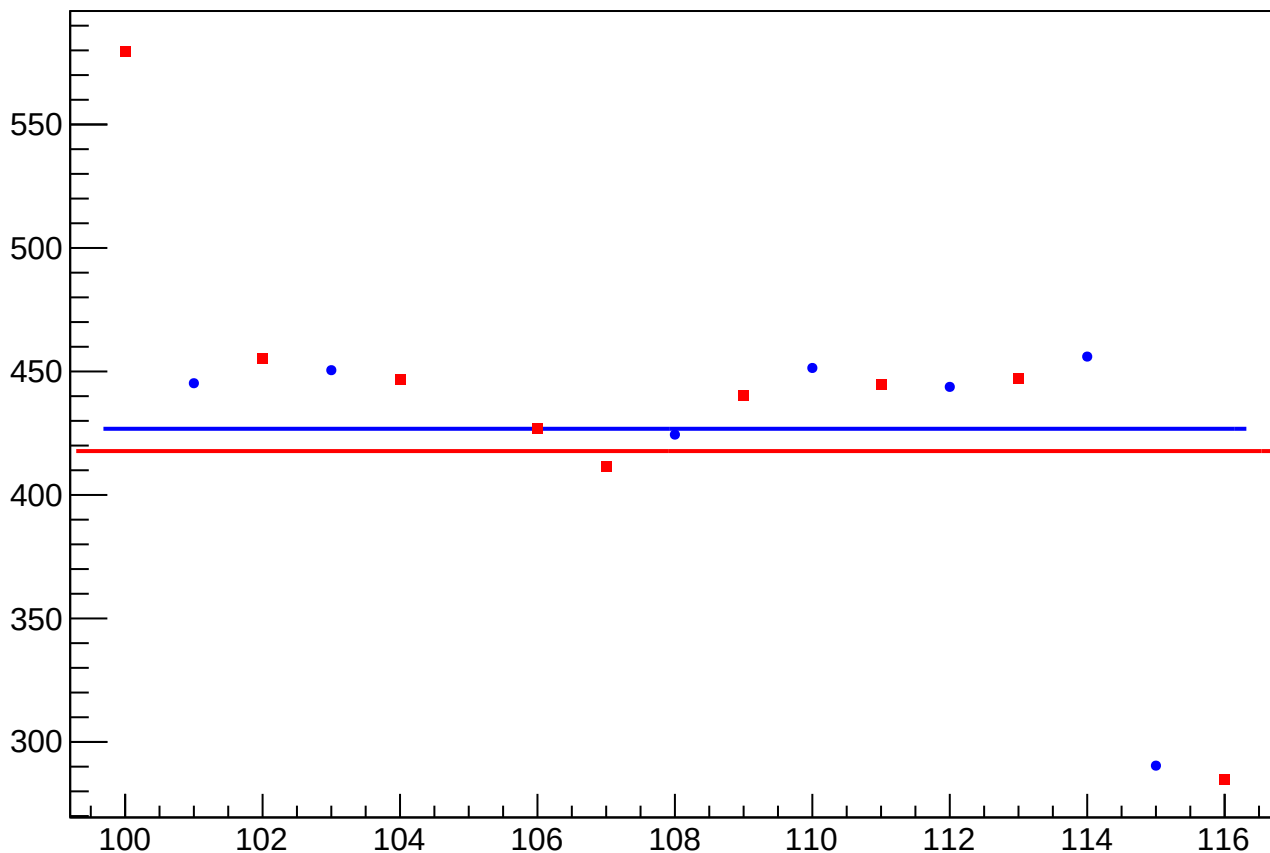
Right: 483.243 $\pm$ 170.549 χ^2 /NDF: 12.4/15

In: 574.008 $\pm$ 257.757 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 483.243 $\pm$ 170.549 χ^2 /NDF: 12.4/15

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 426.795 $\pm$ 0.182 χ^2 /NDF: 73205.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 417.768 $\pm$ 0.161 χ^2 /NDF: 147911.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

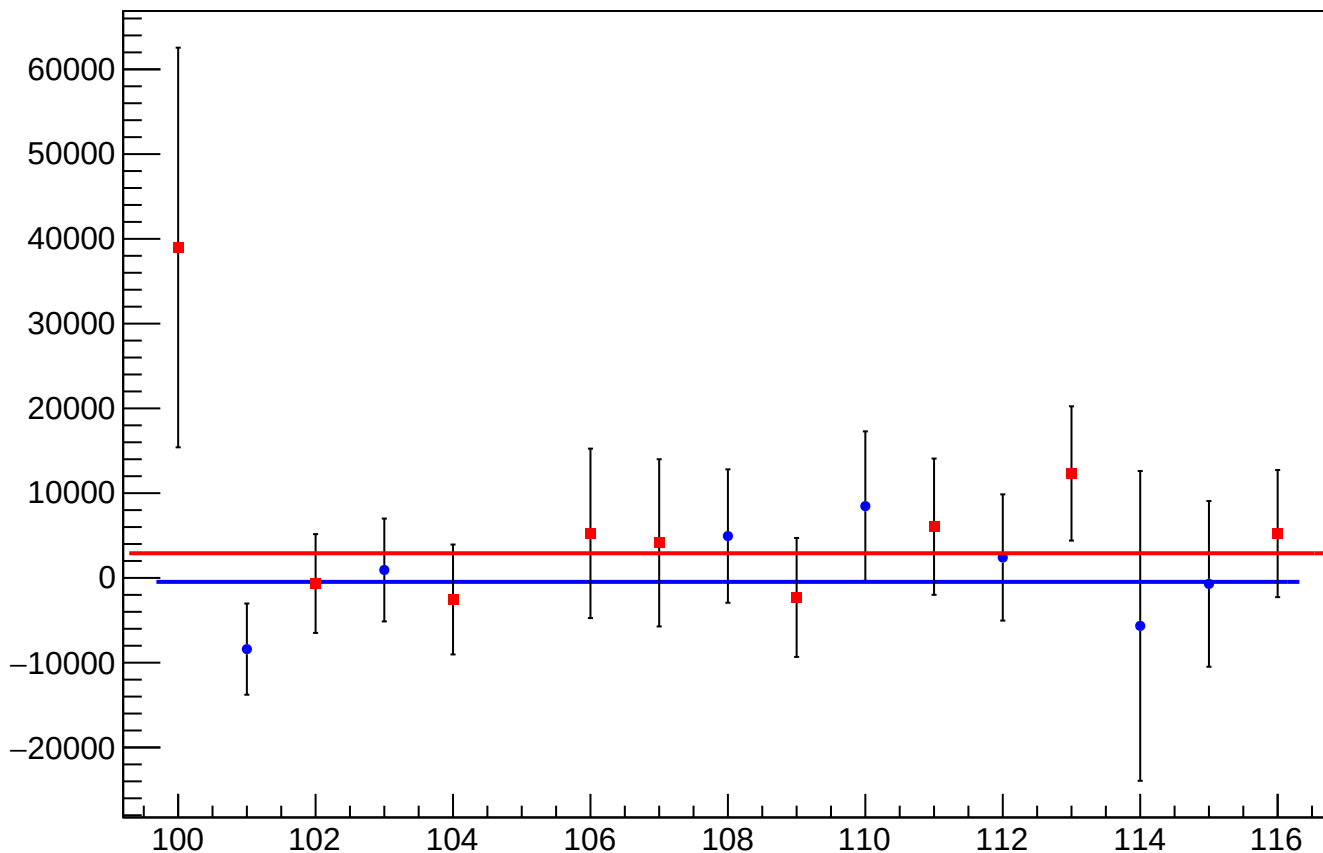
Right: 421.720 $\pm$ 0.121 χ^2 /NDF: 222495.5/15

In: 426.795 $\pm$ 0.182 χ^2 /NDF: 73205.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 421.720 $\pm$ 0.121 χ^2 /NDF: 222495.5/15

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -465.897+/-2860.473 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2910.102+/-2627.475 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

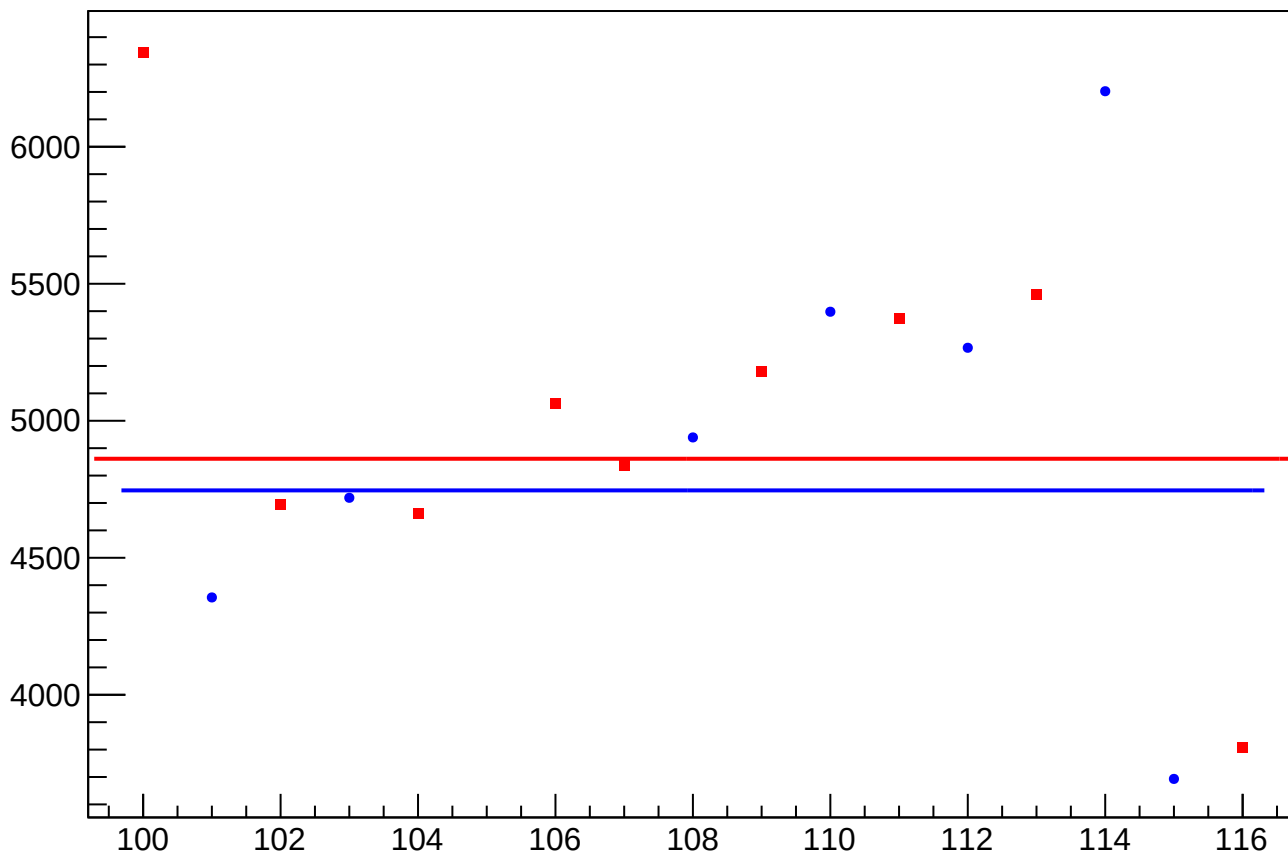
Right: 1365.177+/-1935.042 χ^2/NDF : 10.4/15

In: -465.897+/-2860.473 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.177+/-1935.042 χ^2/NDF : 10.4/15

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4745.952+/-2.023 χ^2/NDF : 68406.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4861.402+/-1.858 χ^2/NDF : 75414.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

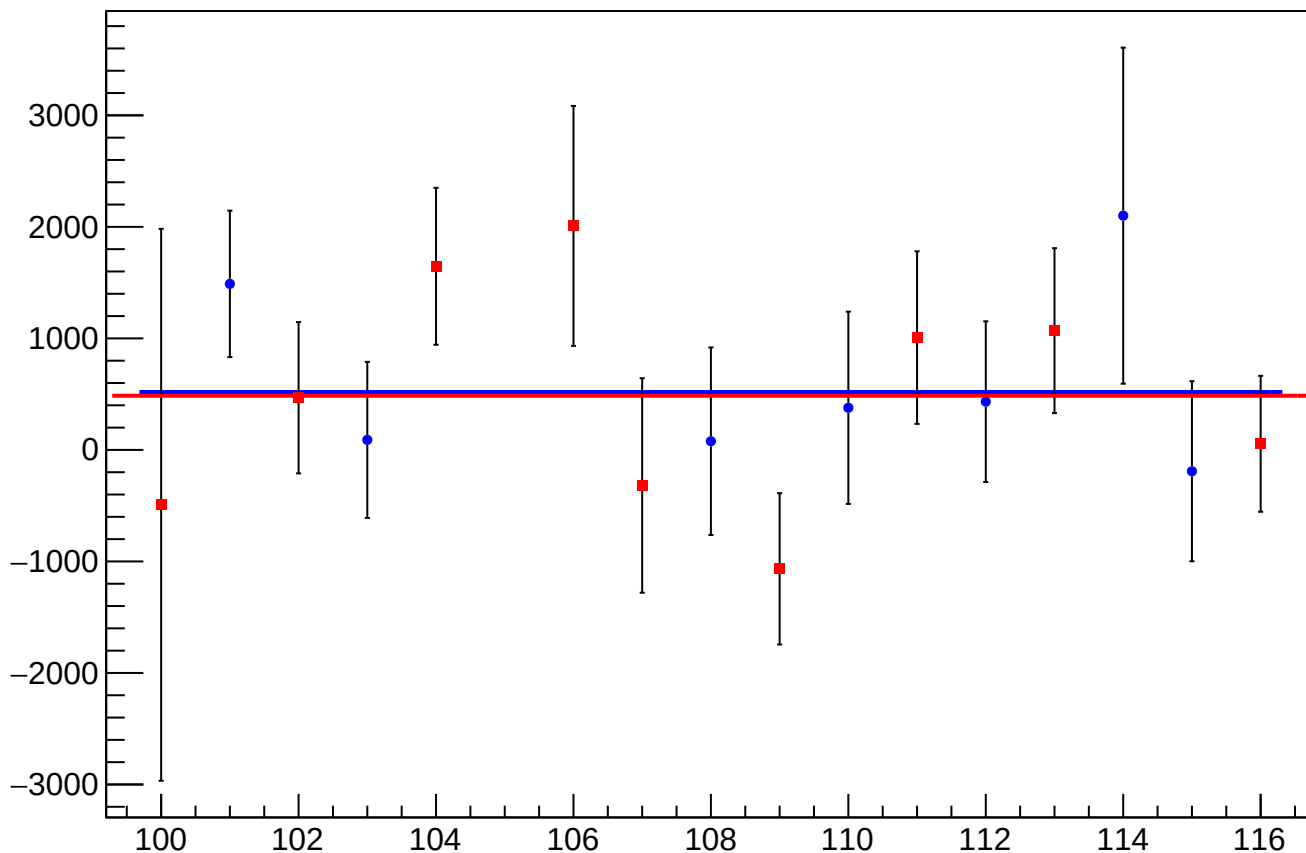
Right: 4808.570+/-1.368 χ^2/NDF : 145587.2/15

In: 4745.952+/-2.023 χ^2/NDF : 68406.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4808.570+/-1.368 χ^2/NDF : 145587.2/15

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 518.992 $\pm$ 301.193 χ^2 /NDF: 4.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 485.796 $\pm$ 261.116 χ^2 /NDF: 12.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

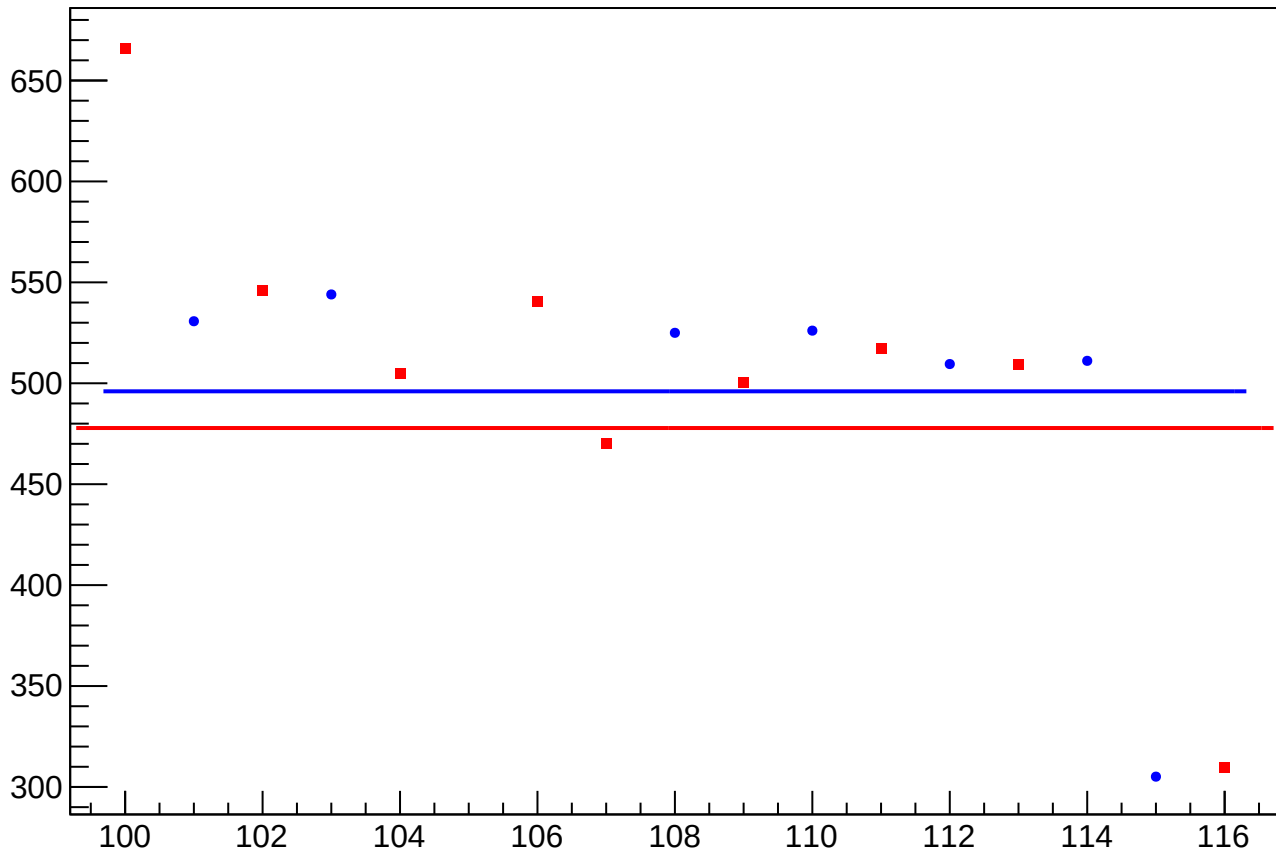
Right: 500.040 $\pm$ 197.296 χ^2 /NDF: 17.1/15

In: 518.992 $\pm$ 301.193 χ^2 /NDF:4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.040 $\pm$ 197.296 χ^2 /NDF: 17.1/15

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 496.014+/-0.213 χ^2/NDF : 132481.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.830+/-0.185 χ^2/NDF : 204768.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

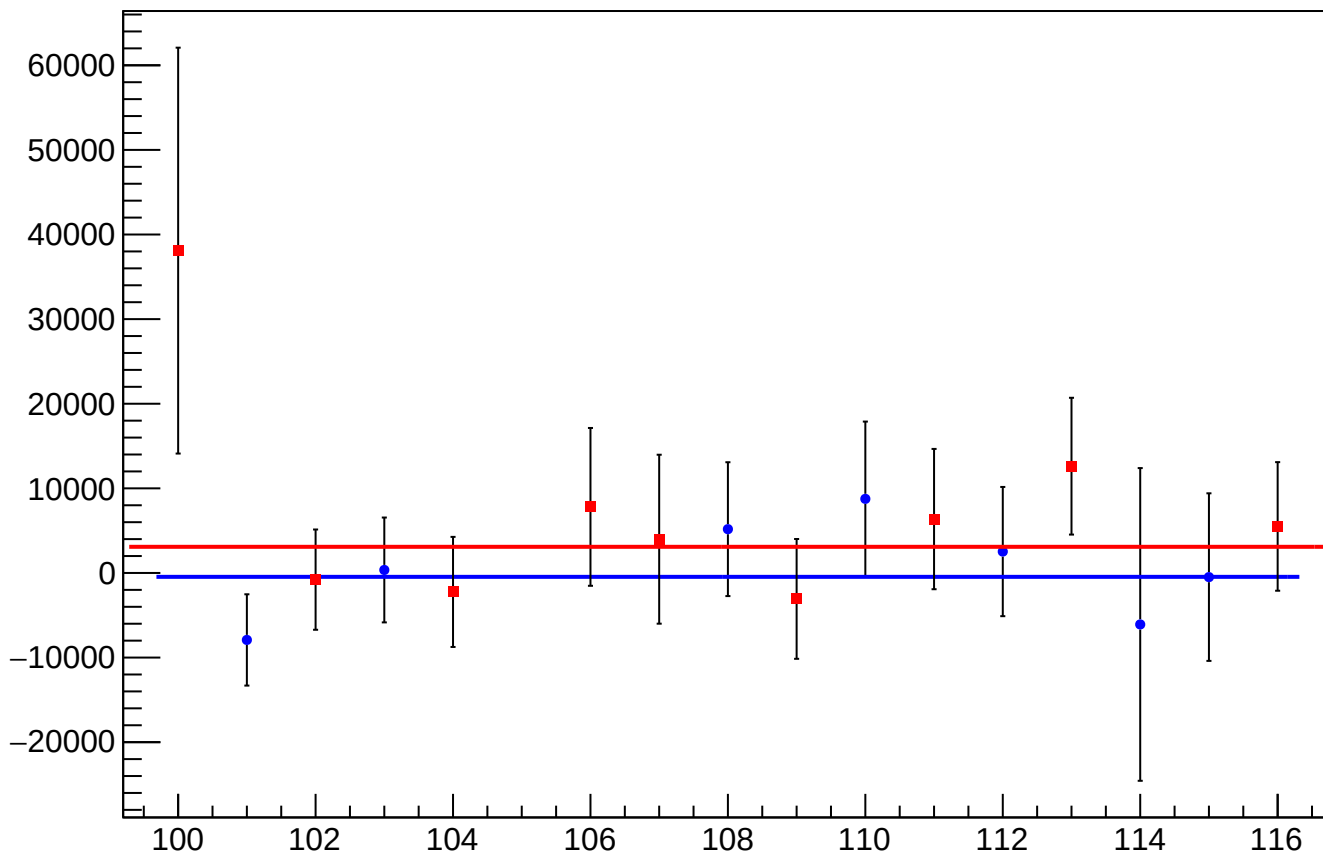
Right: 485.632+/-0.140 χ^2/NDF : 341412.1/15

In: 496.014+/-0.213 χ^2/NDF : 132481.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.632+/-0.140 χ^2/NDF : 341412.1/15

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -459.349 $\pm$ 2903.360 χ^2/NDF : 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3090.629 $\pm$ 2649.133 χ^2/NDF : 5.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

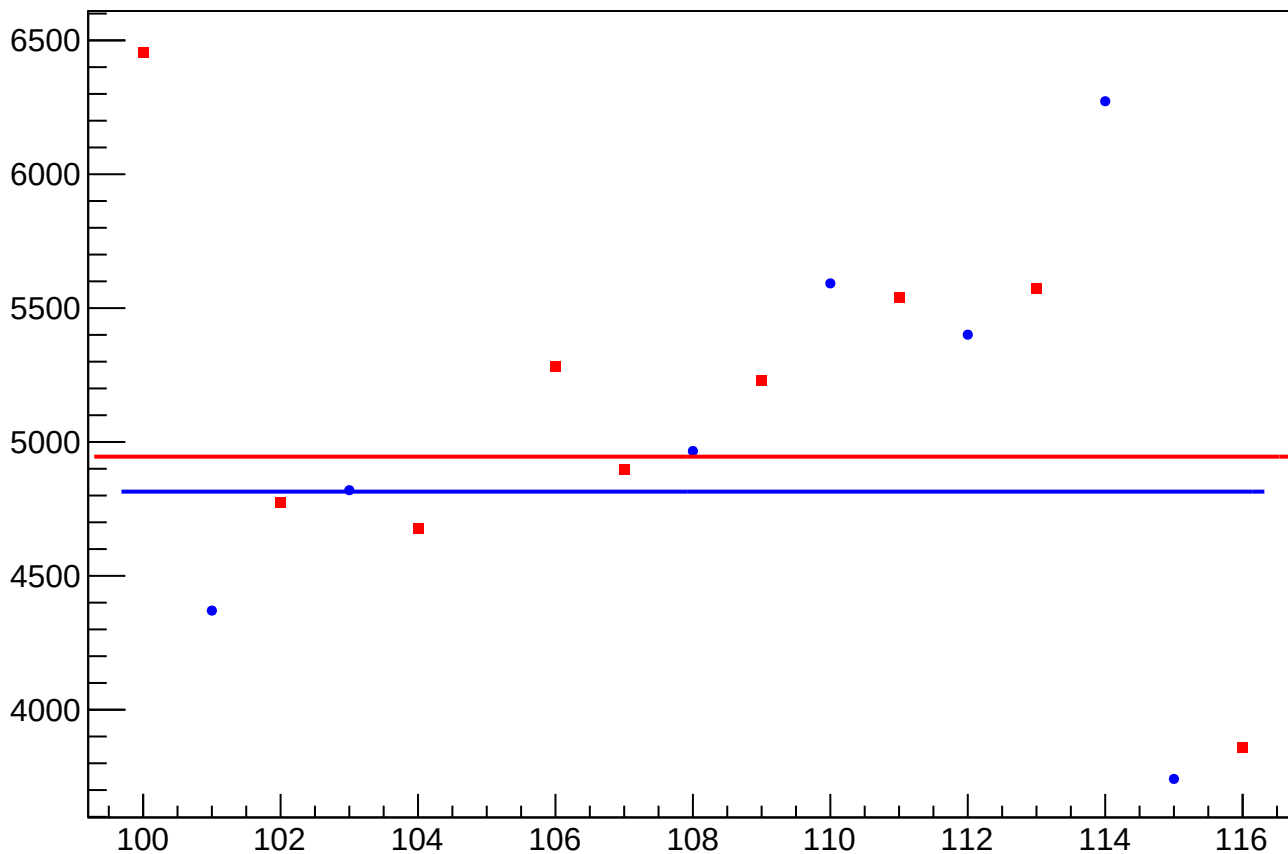
Right: 1477.839 $\pm$ 1956.937 χ^2/NDF : 10.4/15

In: -459.349 $\pm$ 2903.360 χ^2/NDF : 3.7/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1477.839 $\pm$ 1956.937 χ^2/NDF : 10.4/15

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4814.591+/-2.053 χ^2/NDF : 76512.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4945.211+/-1.873 χ^2/NDF : 81983.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

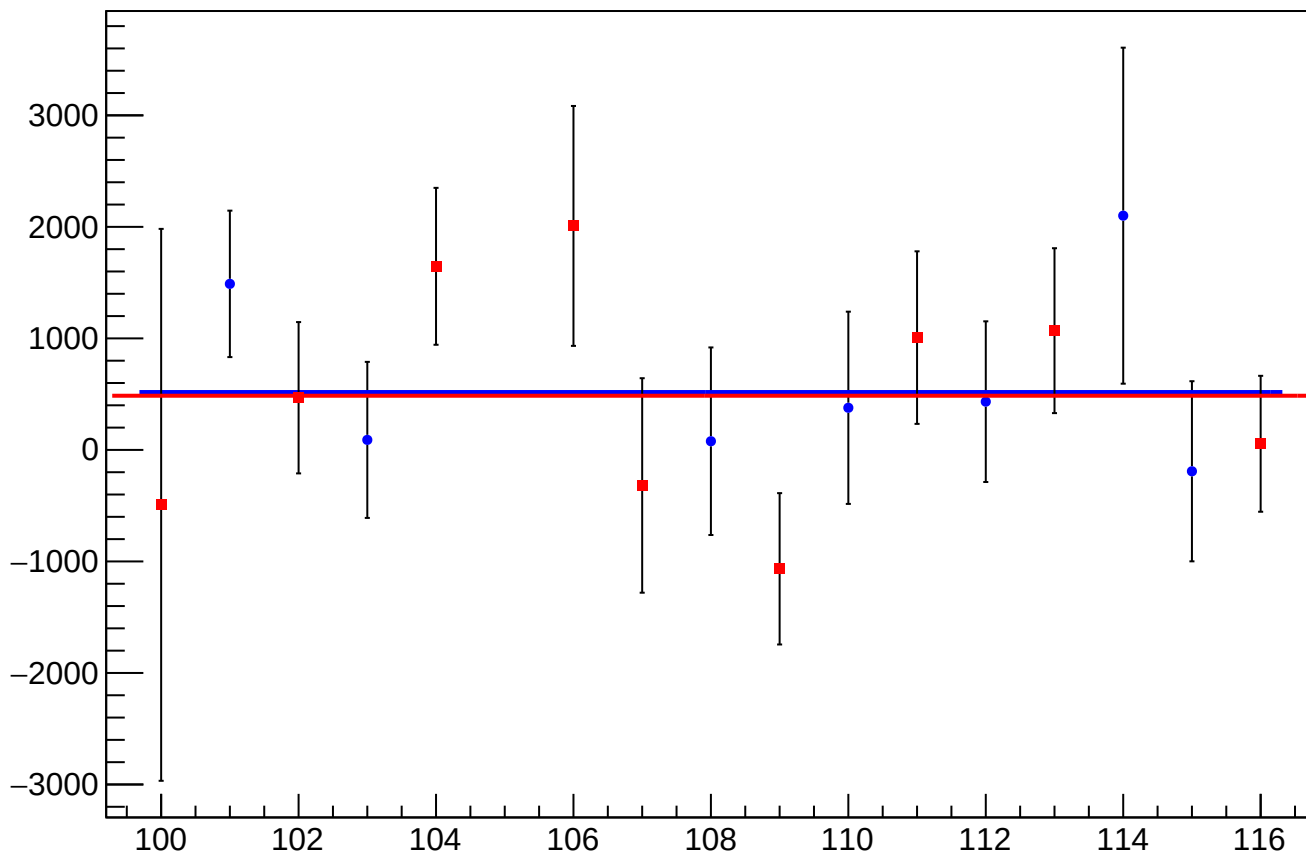
Right: 4885.869+/-1.384 χ^2/NDF : 160704.3/15

In: 4814.591+/-2.053 χ^2/NDF : 76512.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4885.869+/-1.384 χ^2/NDF : 160704.3/15

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 518.983 $\pm$ 301.191 χ^2 /NDF: 4.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 485.790 $\pm$ 261.115 χ^2 /NDF: 12.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

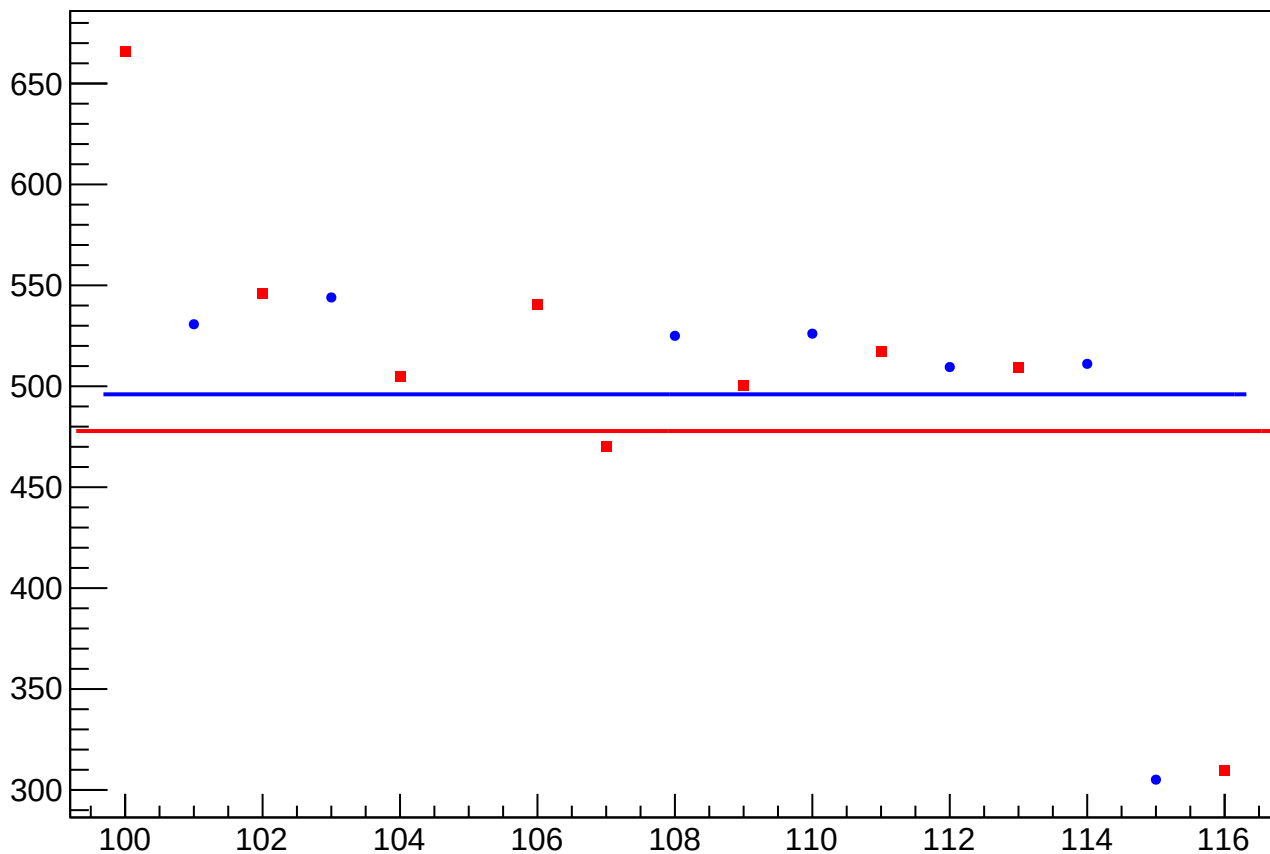
Right: 500.033 $\pm$ 197.295 χ^2 /NDF: 17.1/15

In: 518.983 $\pm$ 301.191 χ^2 /NDF:4.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.033 $\pm$ 197.295 χ^2 /NDF: 17.1/15

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 496.012 $\pm$ 0.213 χ^2 /NDF: 132474.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 477.828 $\pm$ 0.185 χ^2 /NDF: 204754.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

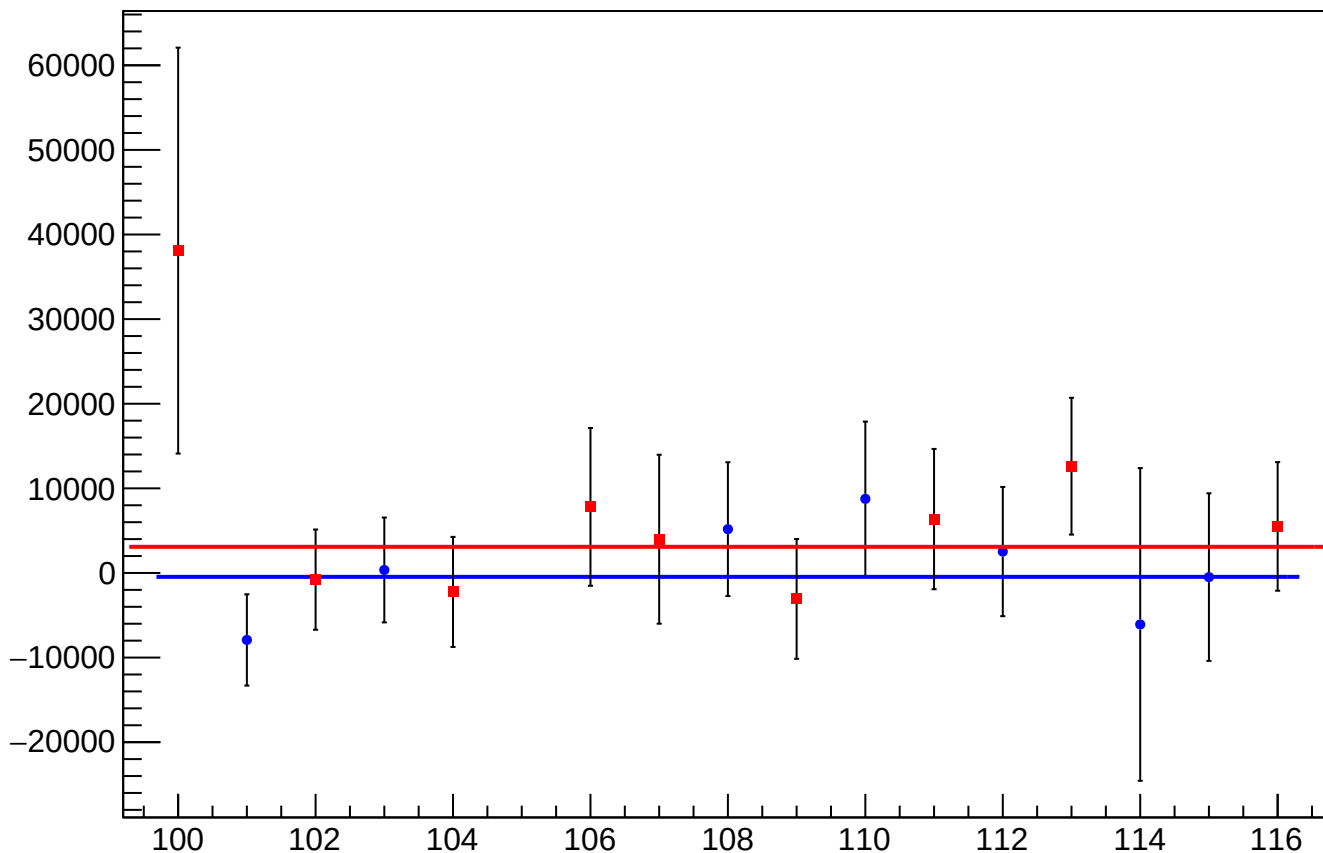
Right: 485.631 $\pm$ 0.140 χ^2 /NDF: 341391.1/15

In: 496.012 $\pm$ 0.213 χ^2 /NDF:132474.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 485.631 $\pm$ 0.140 χ^2 /NDF: 341391.1/15

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -459.348+/-2903.353 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3090.623+/-2649.127 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

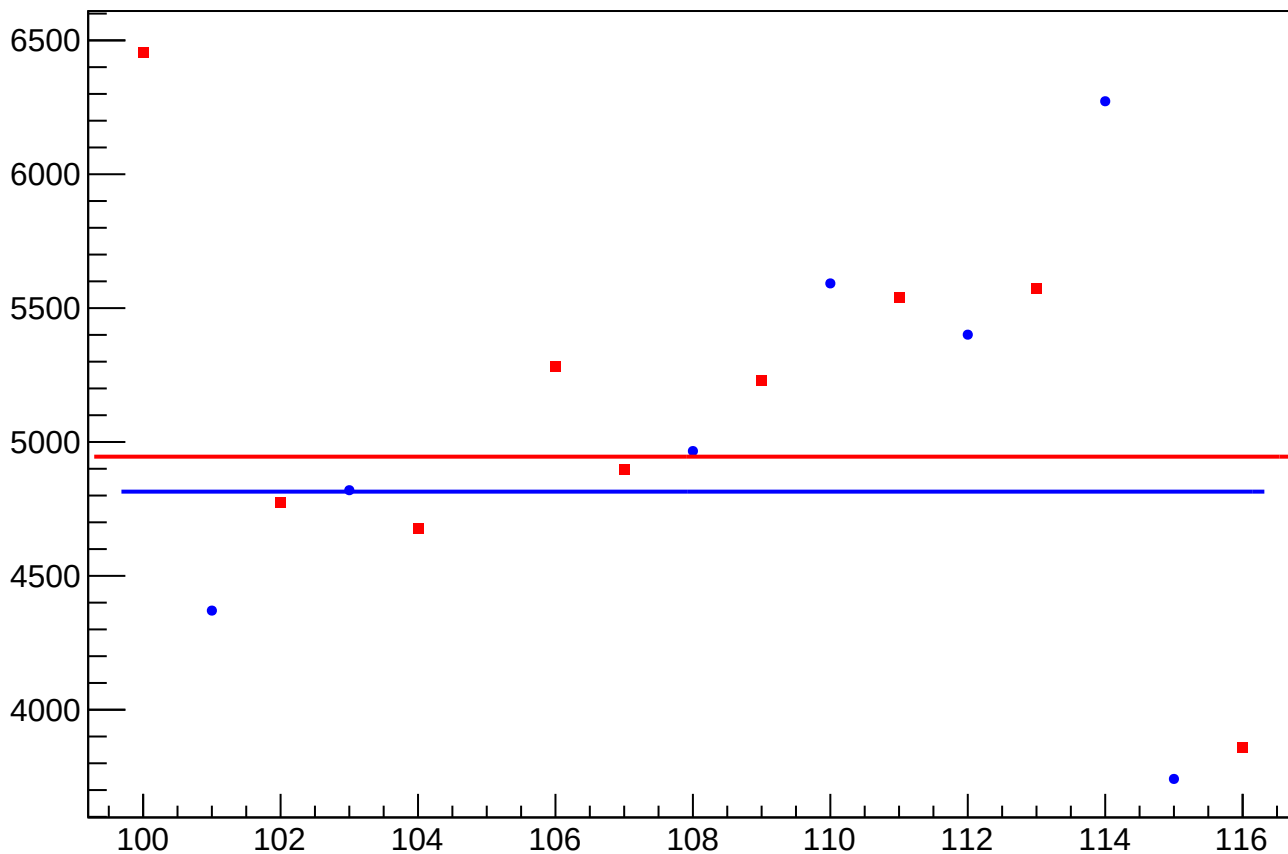
Right: 1477.837+/-1956.932 χ^2/NDF : 10.4/15

In: -459.348+/-2903.353 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1477.837+/-1956.932 χ^2/NDF : 10.4/15

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4814.580+/-2.053 χ^2/NDF : 76509.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4945.199+/-1.873 χ^2/NDF : 81981.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

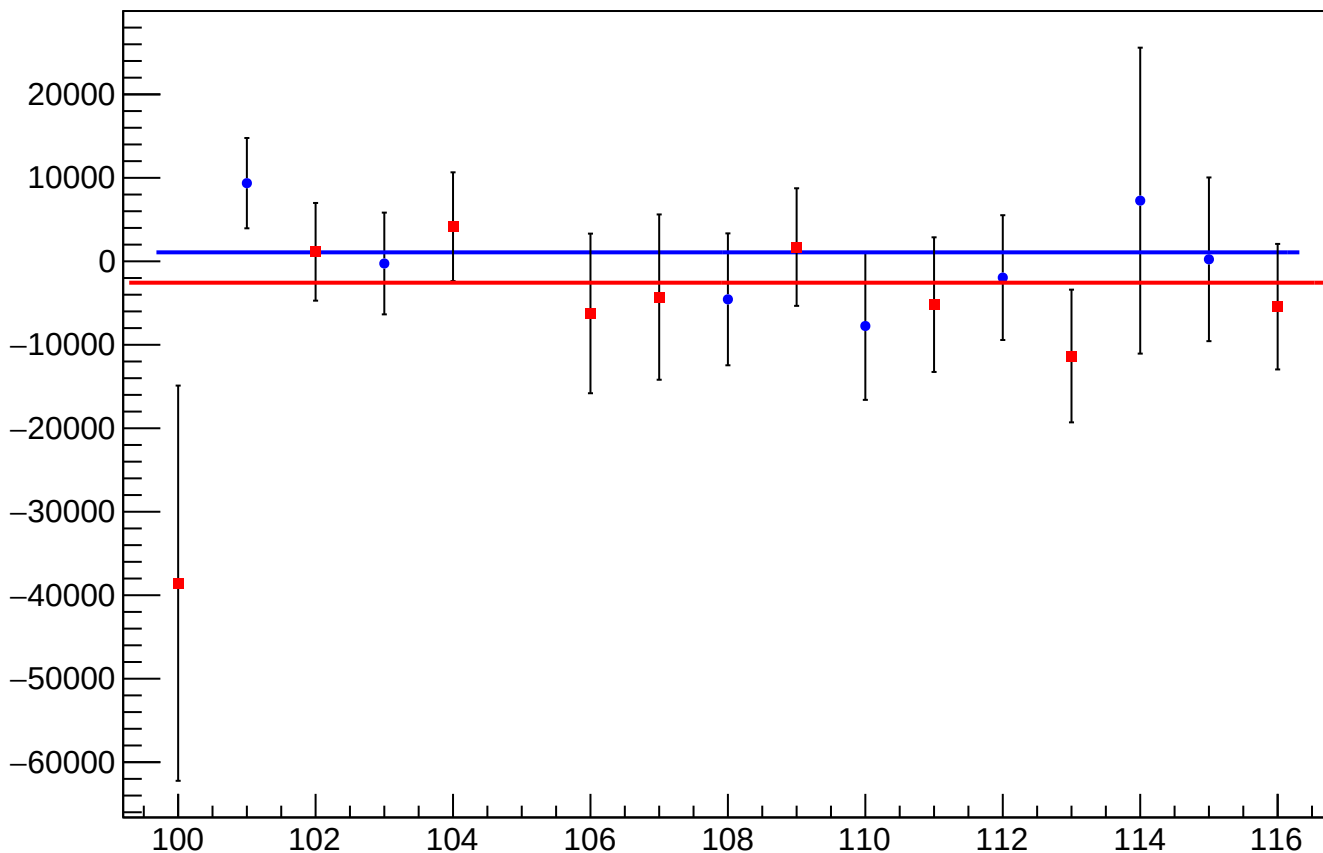
Right: 4885.857+/-1.384 χ^2/NDF : 160699.2/15

In: 4814.580+/-2.053 χ^2/NDF : 76509.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4885.857+/-1.384 χ^2/NDF : 160699.2/15

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1075.882+/-2872.905 χ^2 /NDF: 4.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2560.890+/-2628.379 χ^2 /NDF: 5.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

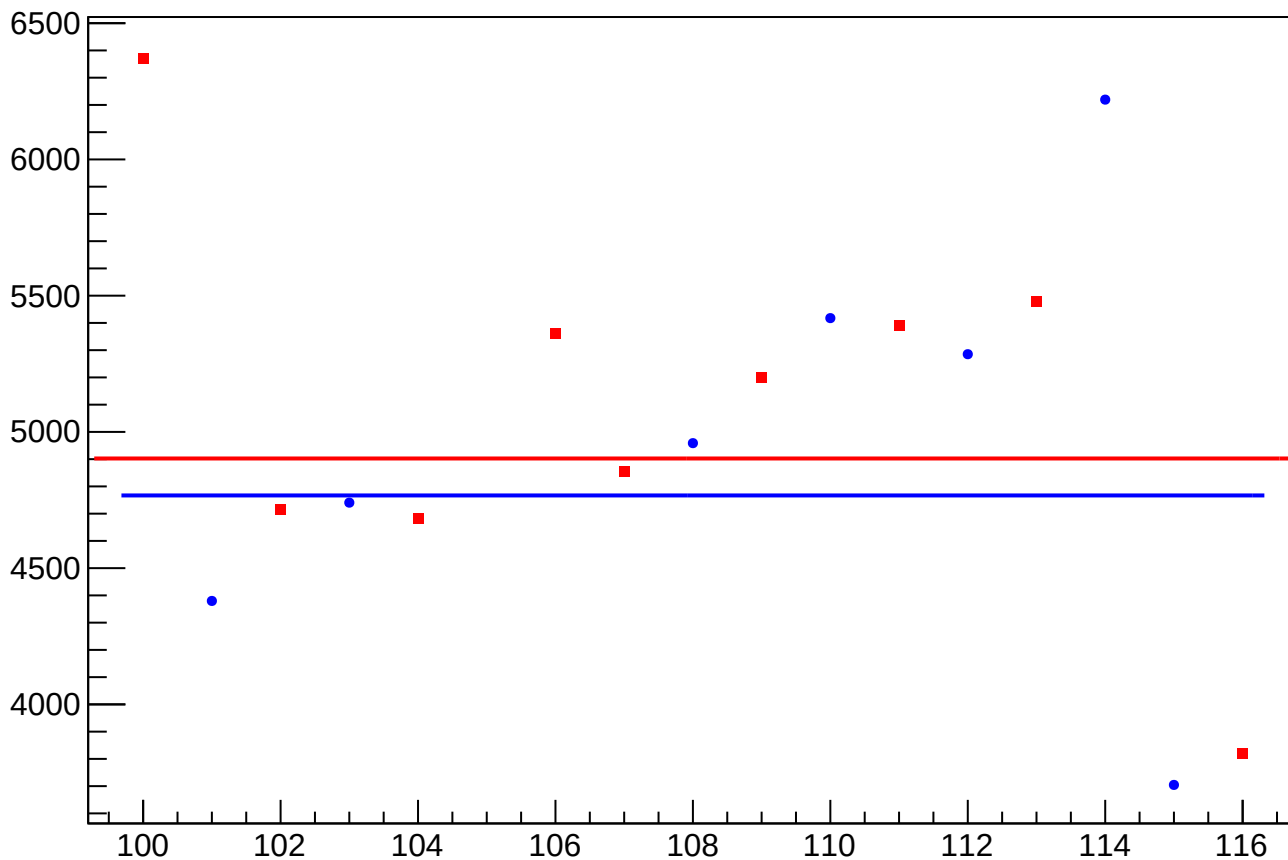
Right: -903.836+/-1939.240 χ^2 /NDF: 10.8/15

In: 1075.882+/-2872.905 χ^2 /NDF:4.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -903.836+/-1939.240 χ^2 /NDF: 10.8/15

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4766.844+/-2.031 χ^2 /NDF: 67942.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 4902.479+/-1.859 χ^2 /NDF: 79649.6/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

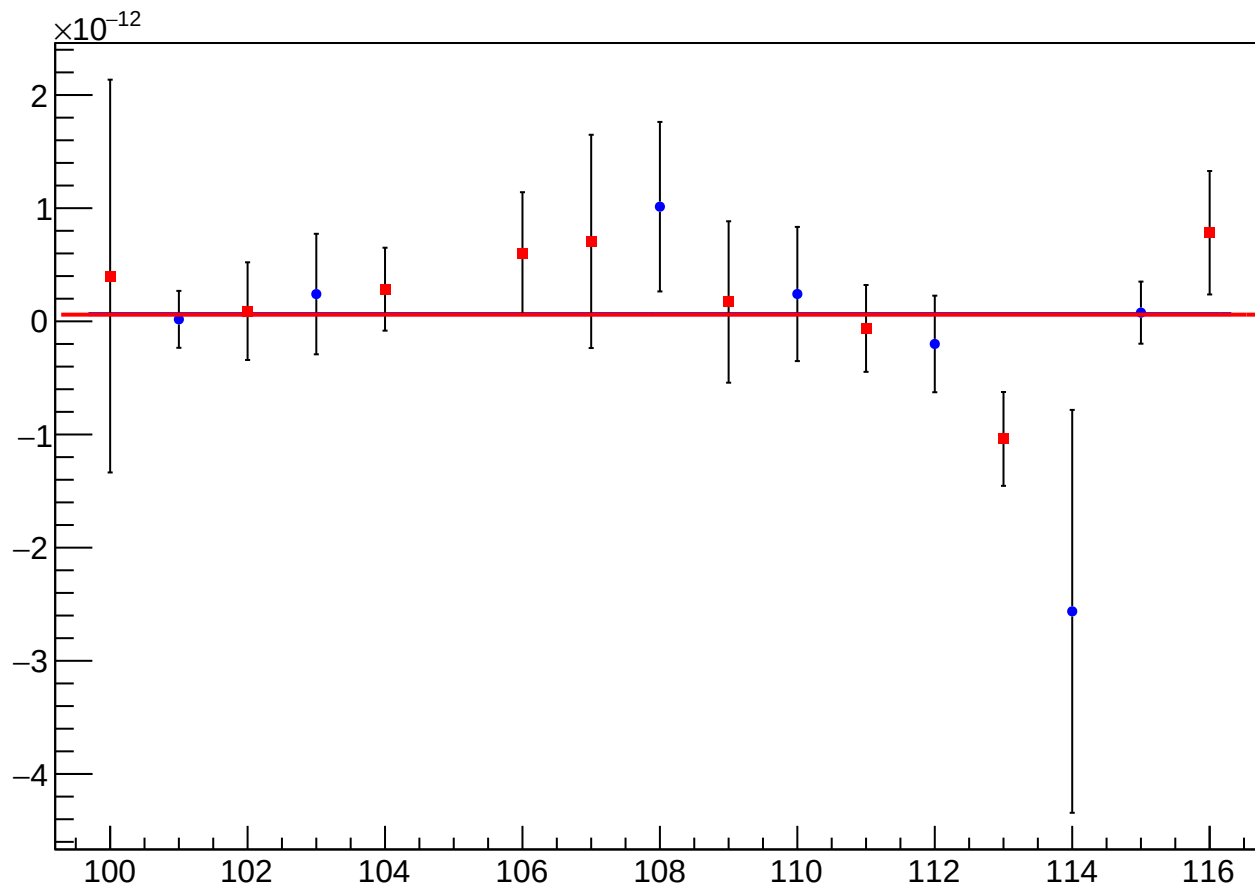
Right: 4840.678+/-1.371 χ^2 /NDF: 150018.9/15

In: 4766.844+/-2.031 χ^2 /NDF: 67942.6/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 4840.678+/-1.371 χ^2 /NDF: 150018.9/15

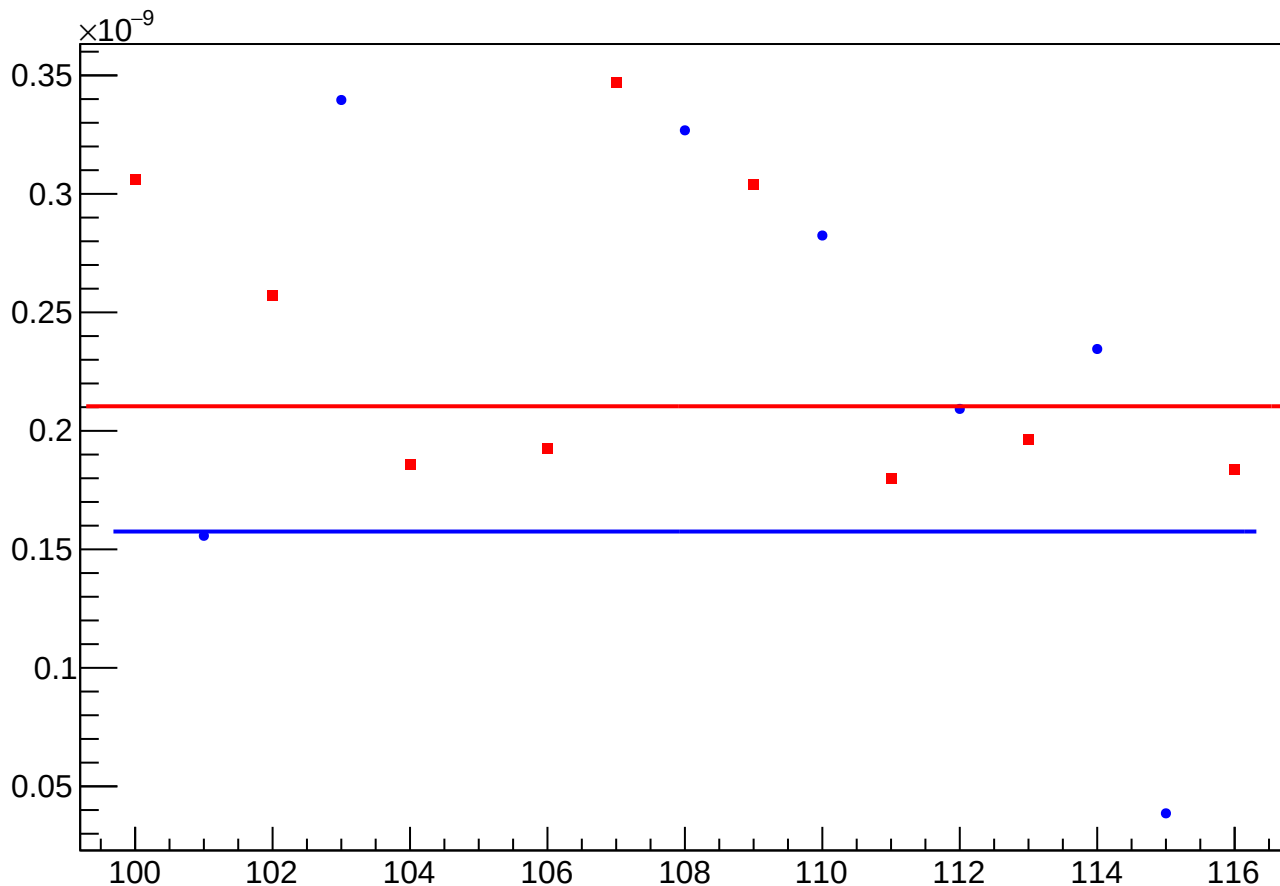
asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 4.4/6
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 10.8/8
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 15.2/15
 In: 0.000+/-0.000 χ^2 /NDF:4.4/6
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 15.2/15

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 833671.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 136909.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

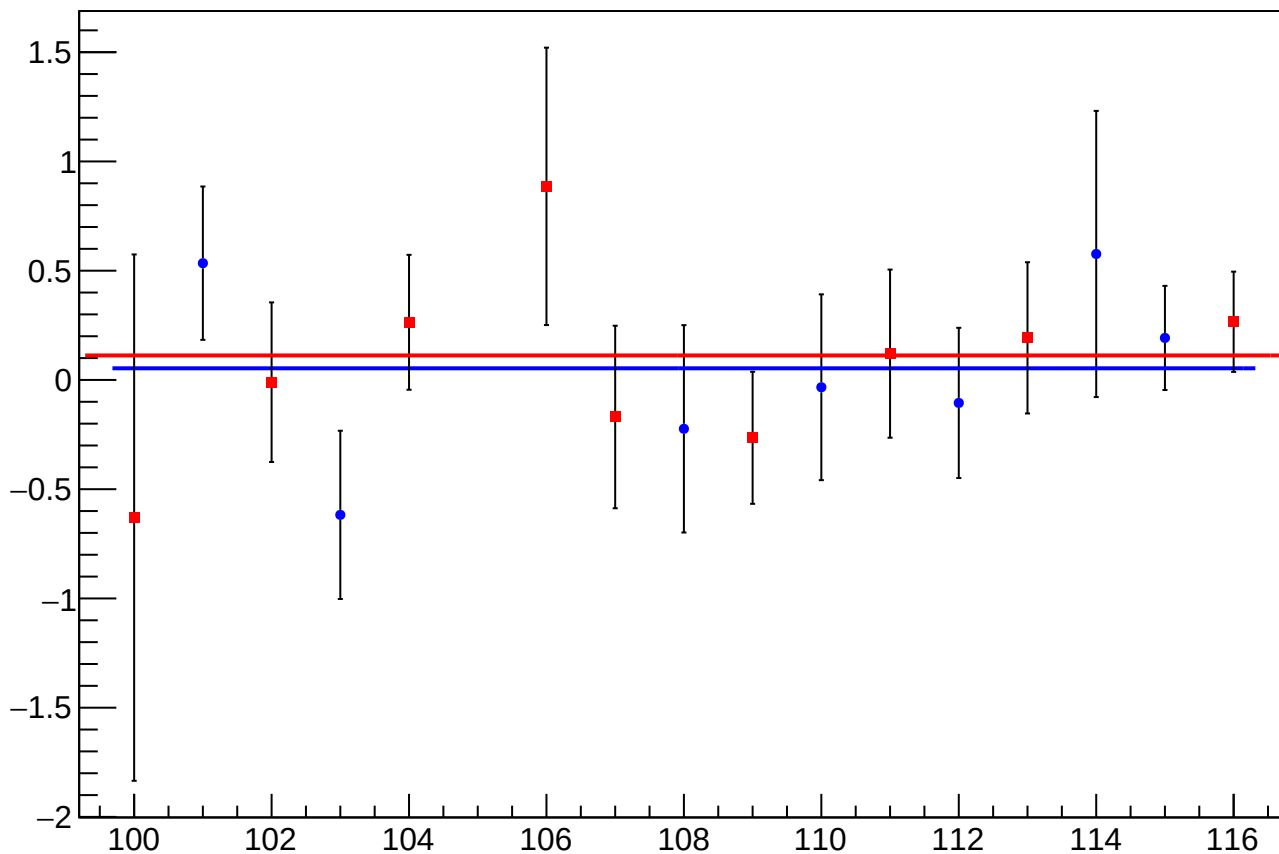
Right: 0.000+/-0.000 χ^2/NDF : 1079566.9/15

In: 0.000+/-0.000 χ^2/NDF : 833671.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1079566.9/15

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.112+/-0.118 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

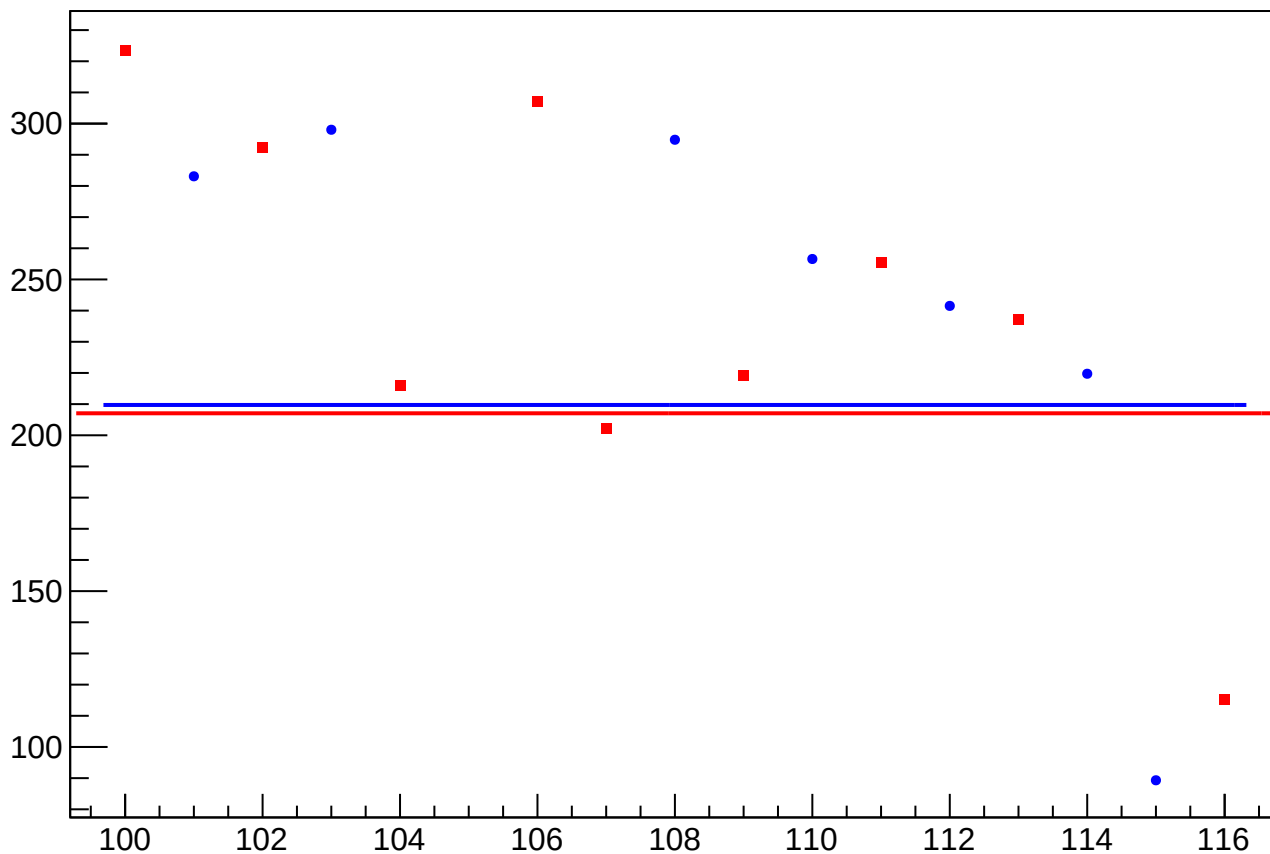
Right: 0.087+/-0.089 χ^2/NDF : 11.3/15

In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.089 χ^2/NDF : 11.3/15

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.729+/-0.097 χ^2/NDF : 809532.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 207.056+/-0.083 χ^2/NDF : 549739.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

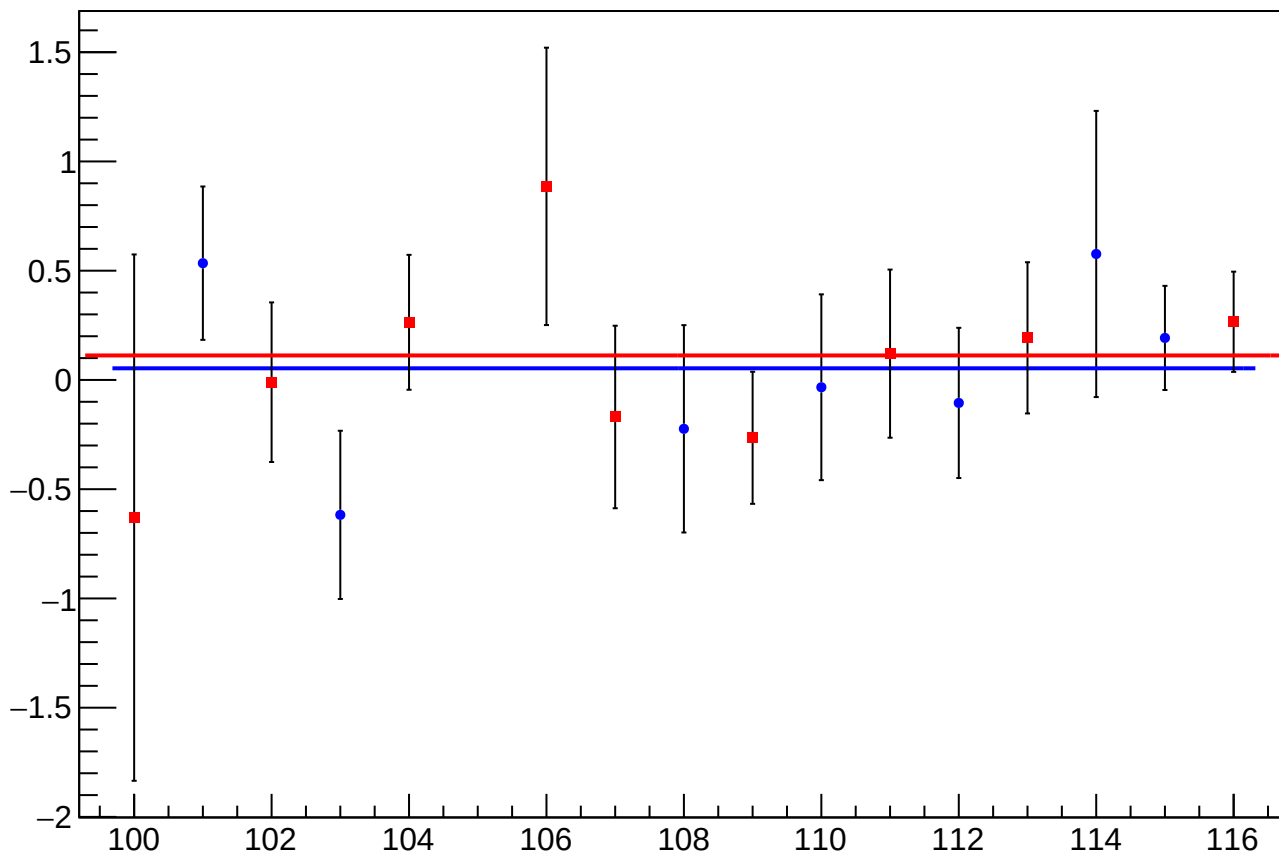
Right: 208.193+/-0.063 χ^2/NDF : 1359709.6/15

In: 209.729+/-0.097 χ^2/NDF :809532.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 208.193+/-0.063 χ^2/NDF : 1359709.6/15

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.112+/-0.118 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

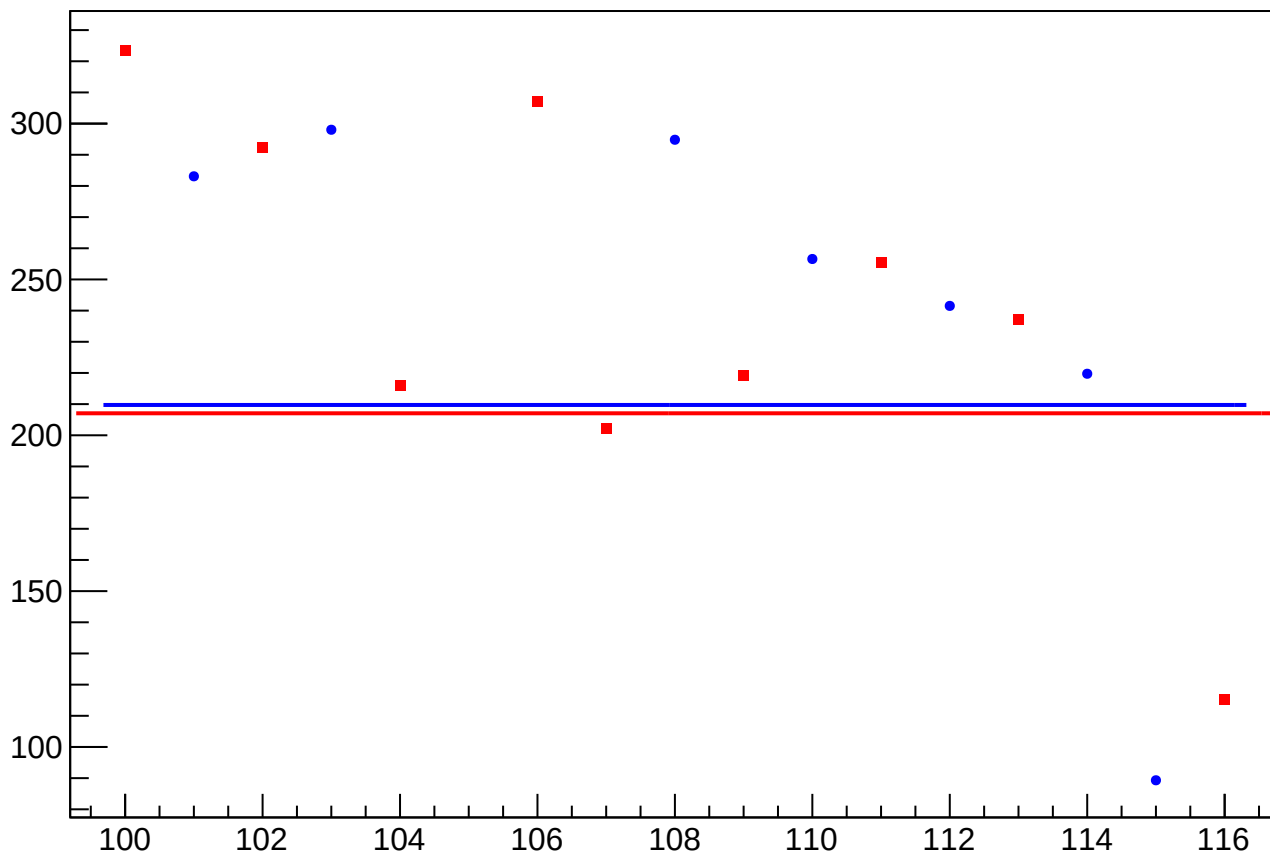
Right: 0.087+/-0.089 χ^2/NDF : 11.3/15

In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.089 χ^2/NDF : 11.3/15

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.729+/-0.097 χ^2/NDF : 809532.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 207.056+/-0.083 χ^2/NDF : 549739.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

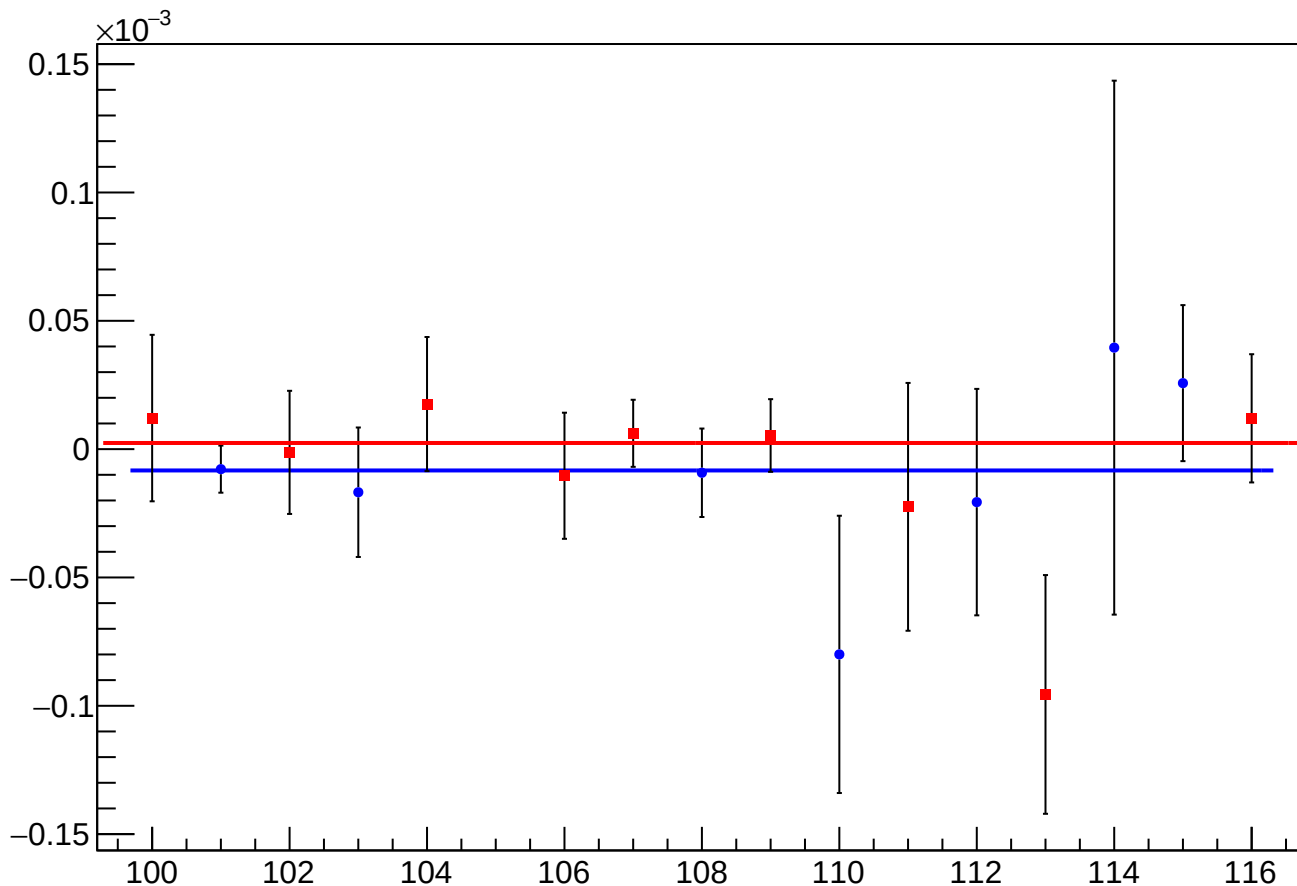
Right: 208.193+/-0.063 χ^2/NDF : 1359709.6/15

In: 209.729+/-0.097 χ^2/NDF :809532.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 208.193+/-0.063 χ^2/NDF : 1359709.6/15

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

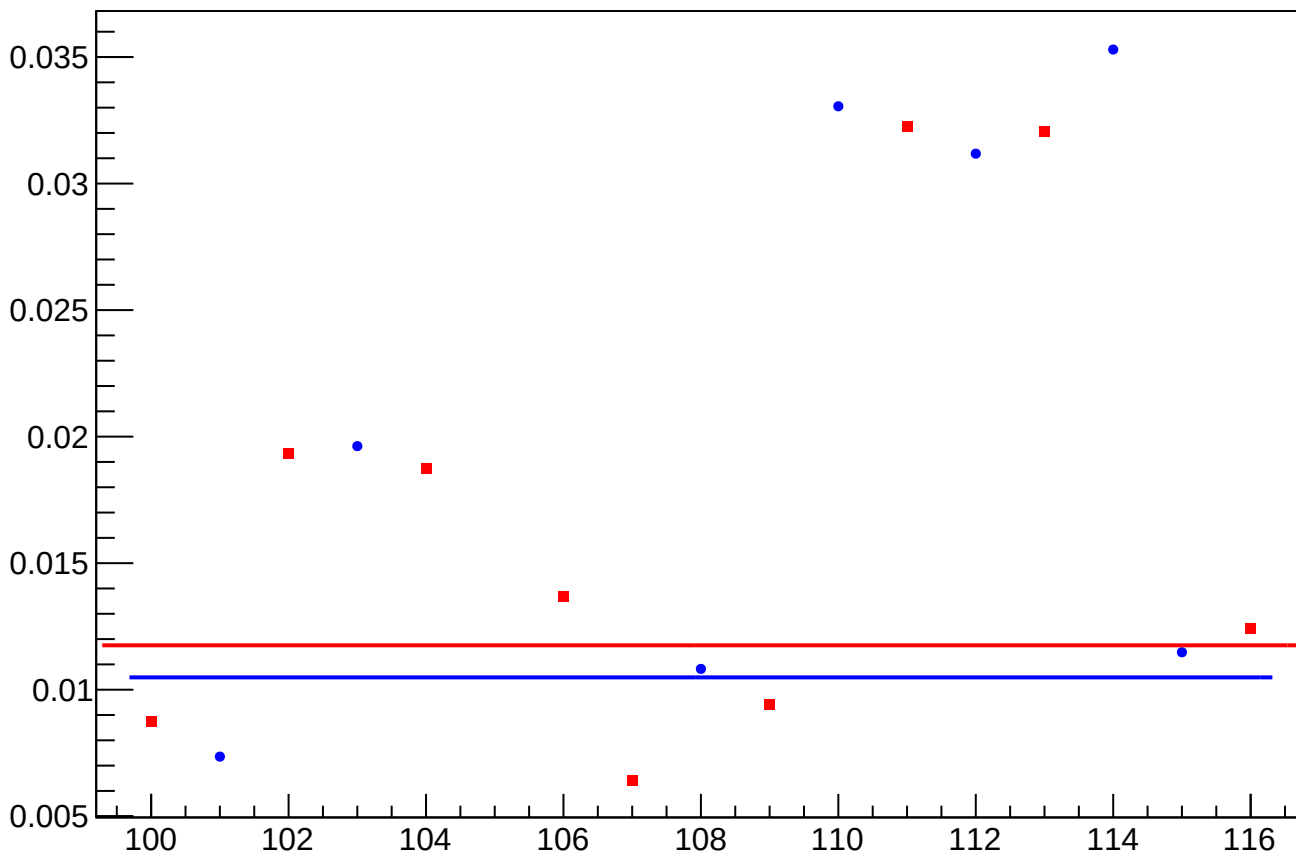
Right: -0.000+/-0.000 χ^2/NDF : 10.2/15

In: -0.000+/-0.000 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.2/15

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1401223.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1504704.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

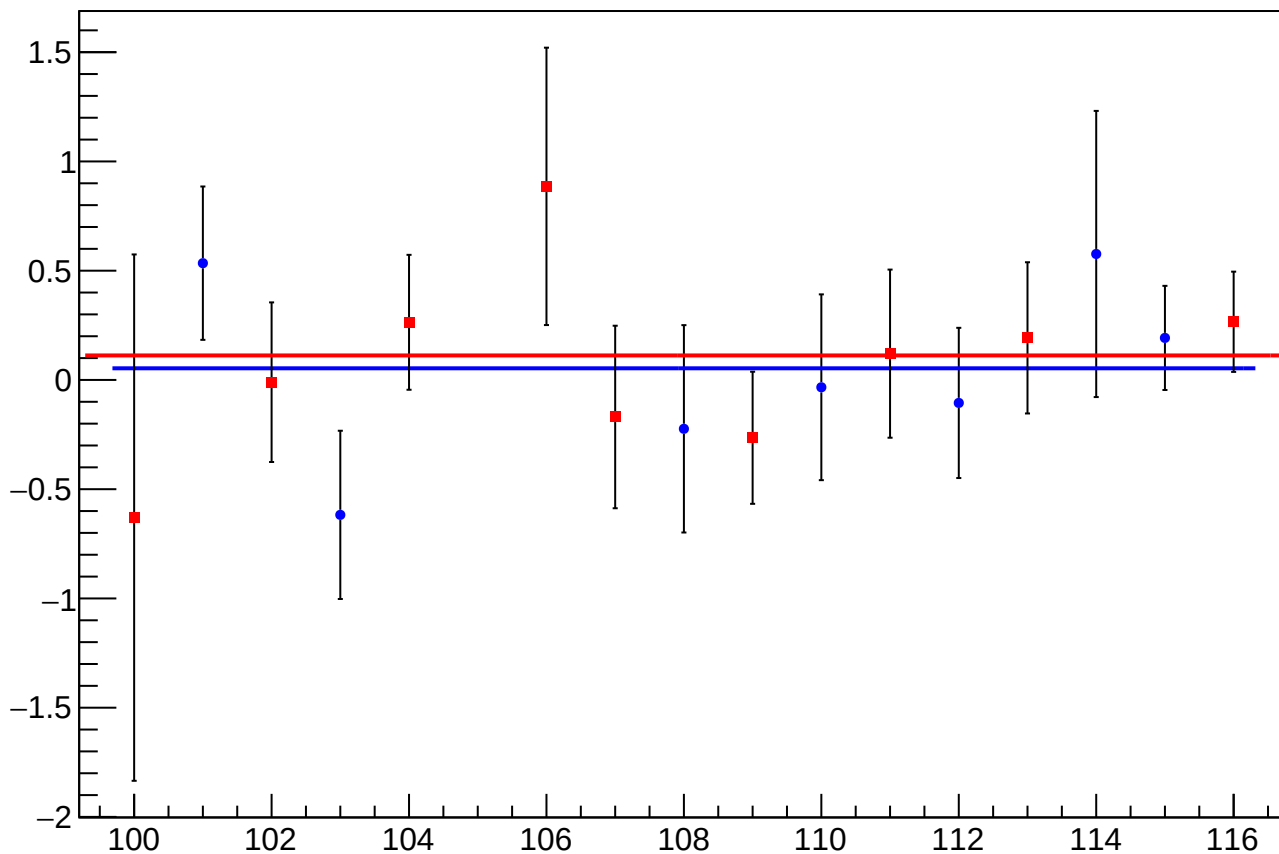
Right: 0.011+/-0.000 χ^2/NDF : 2936385.4/15

In: 0.010+/-0.000 χ^2/NDF : 1401223.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2936385.4/15

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.112+/-0.118 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

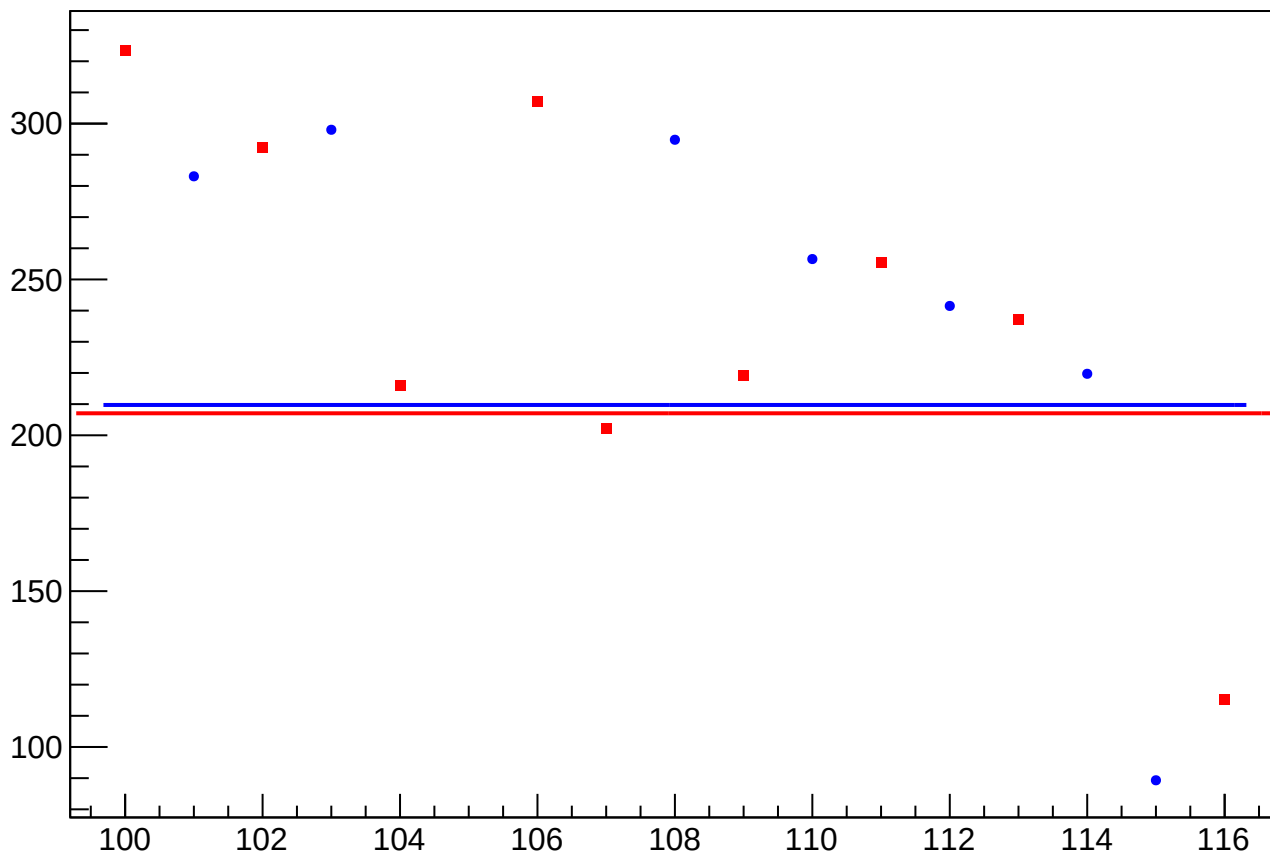
Right: 0.087+/-0.089 χ^2/NDF : 11.3/15

In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.089 χ^2/NDF : 11.3/15

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.732 $\pm$ 0.097 χ^2 /NDF: 809391.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 207.059 $\pm$ 0.083 χ^2 /NDF: 549600.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

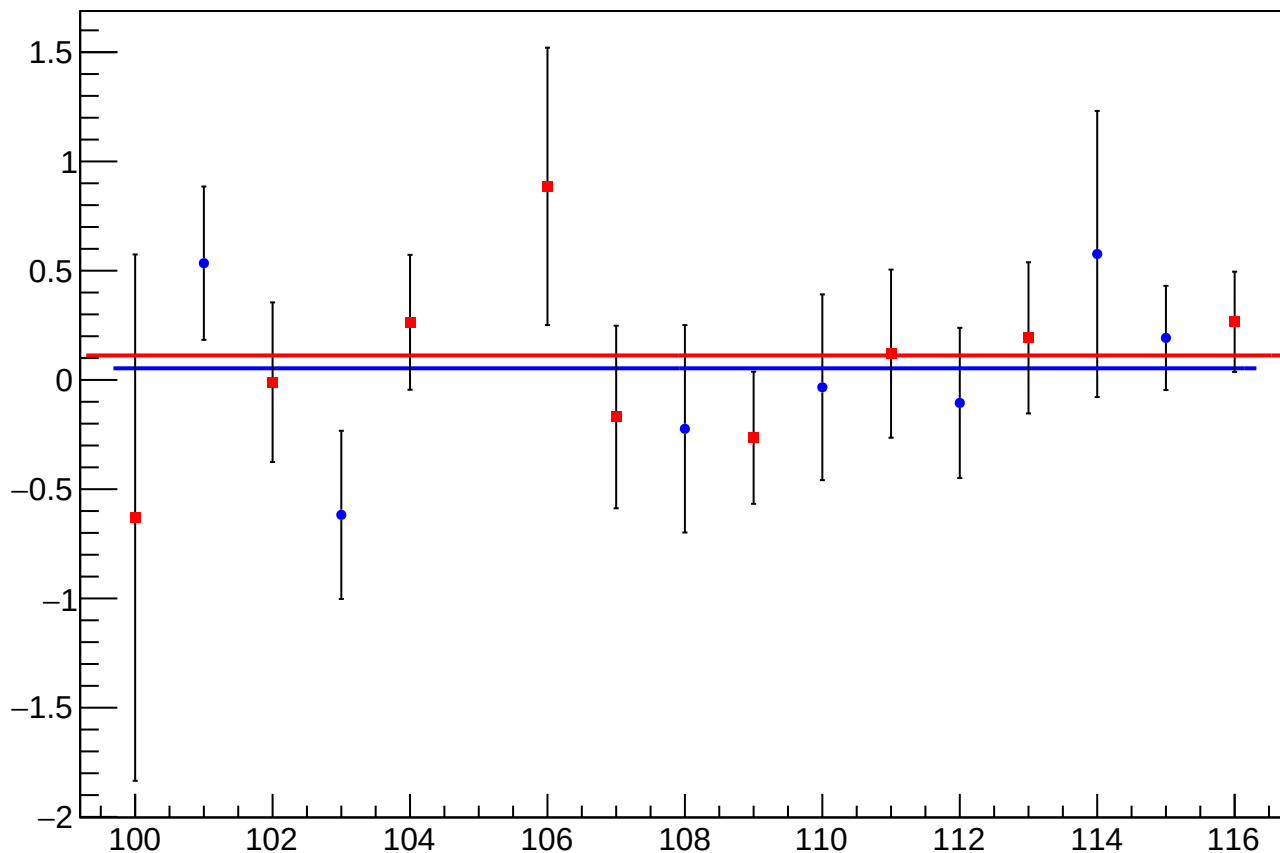
Right: 208.196 $\pm$ 0.063 χ^2 /NDF: 1359429.4/15

In: 209.732 $\pm$ 0.097 χ^2 /NDF:809391.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 208.196 $\pm$ 0.063 χ^2 /NDF: 1359429.4/15

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.112+/-0.118 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

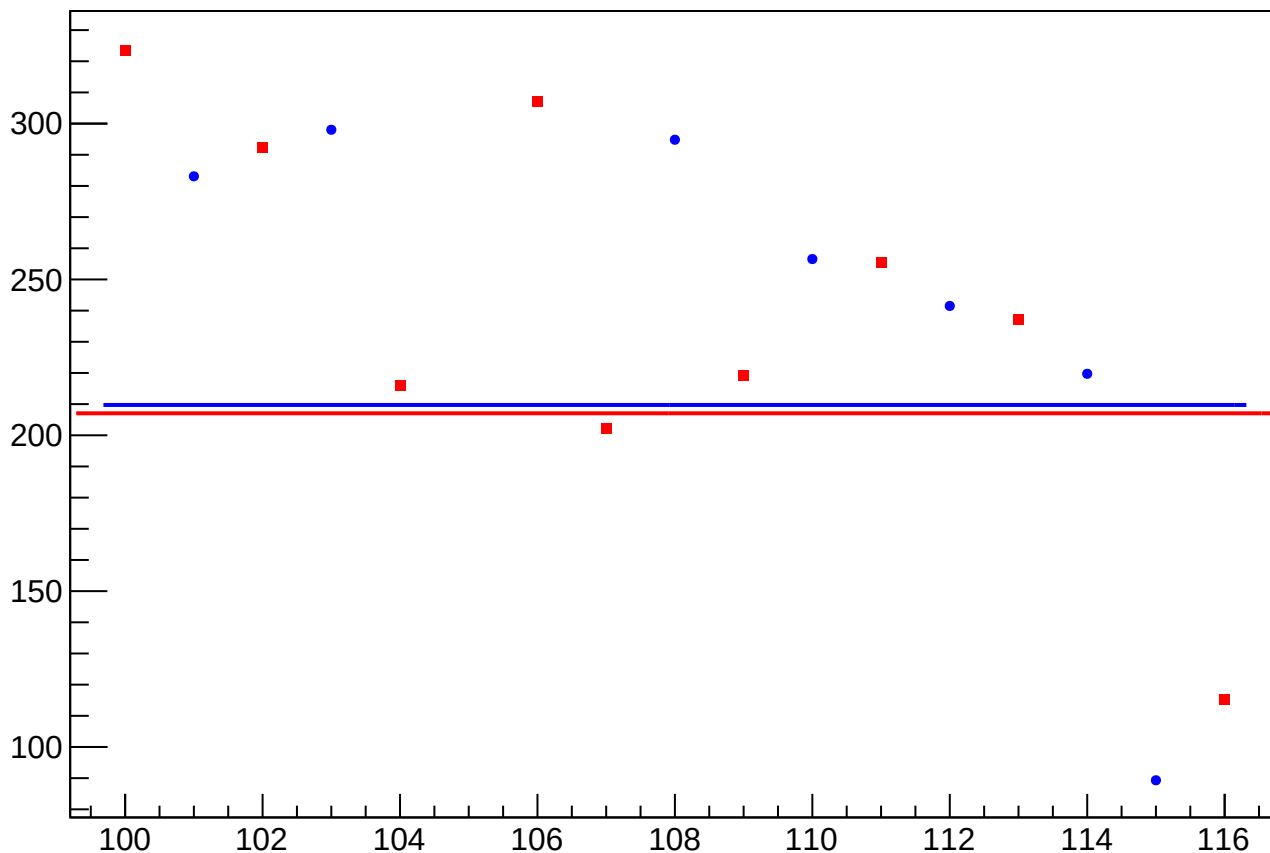
Right: 0.087+/-0.089 χ^2/NDF : 11.3/15

In: 0.053+/-0.137 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.089 χ^2/NDF : 11.3/15

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.732 $\pm$ 0.097 χ^2 /NDF: 809391.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 207.059 $\pm$ 0.083 χ^2 /NDF: 549600.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

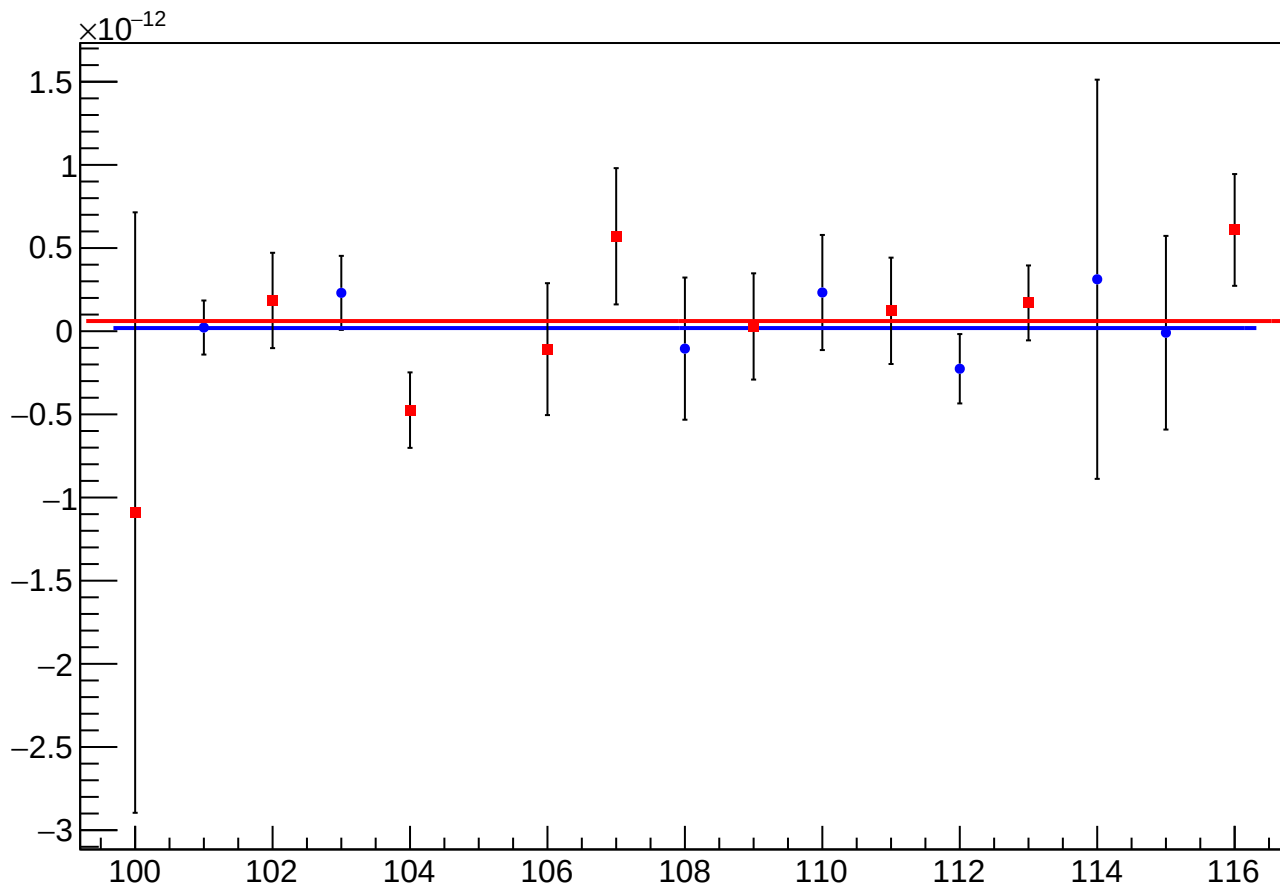
Right: 208.196 $\pm$ 0.063 χ^2 /NDF: 1359429.4/15

In: 209.732 $\pm$ 0.097 χ^2 /NDF:809391.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 208.196 $\pm$ 0.063 χ^2 /NDF: 1359429.4/15

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

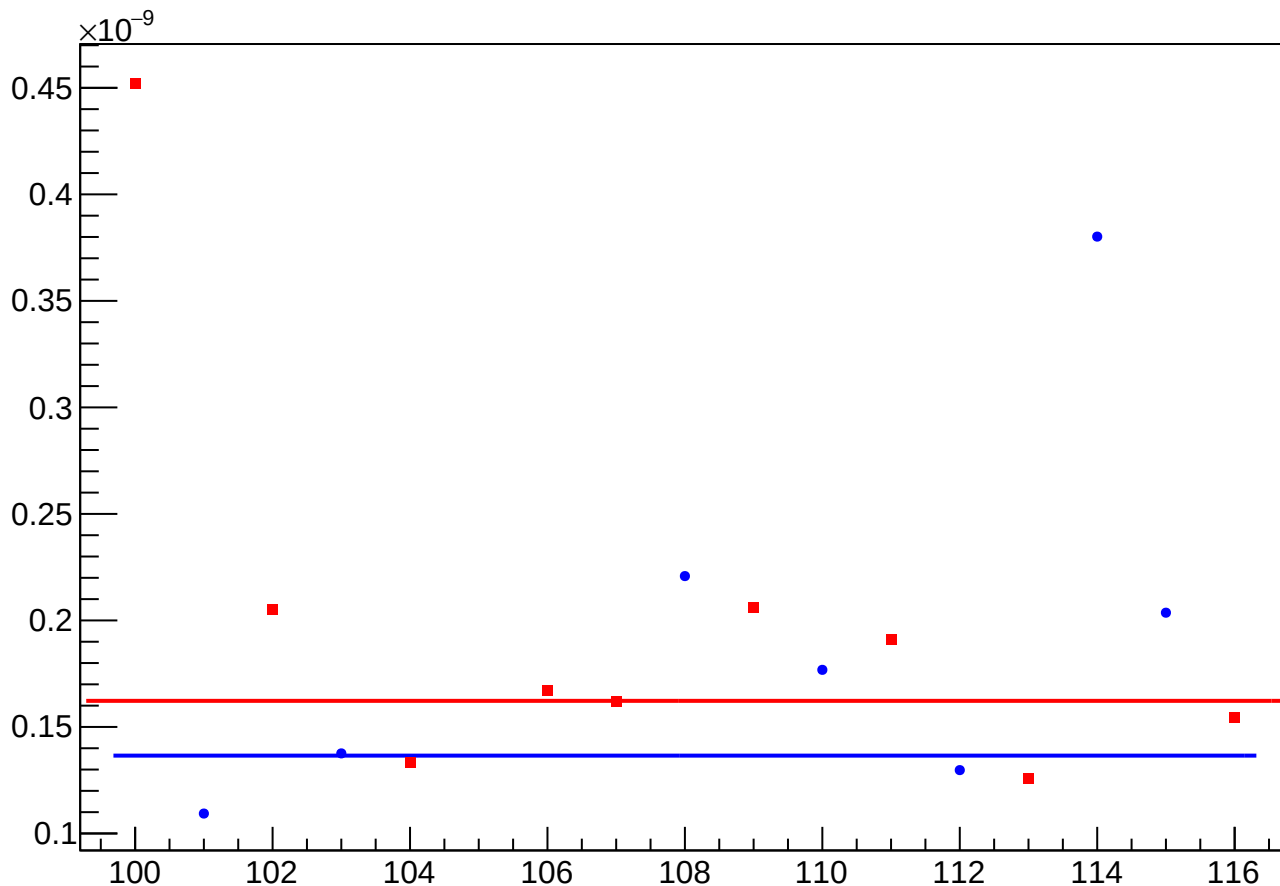
Right: 0.000+/-0.000 χ^2/NDF : 13.7/15

In: 0.000+/-0.000 χ^2/NDF : 2.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.7/15

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 271965.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 236545.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

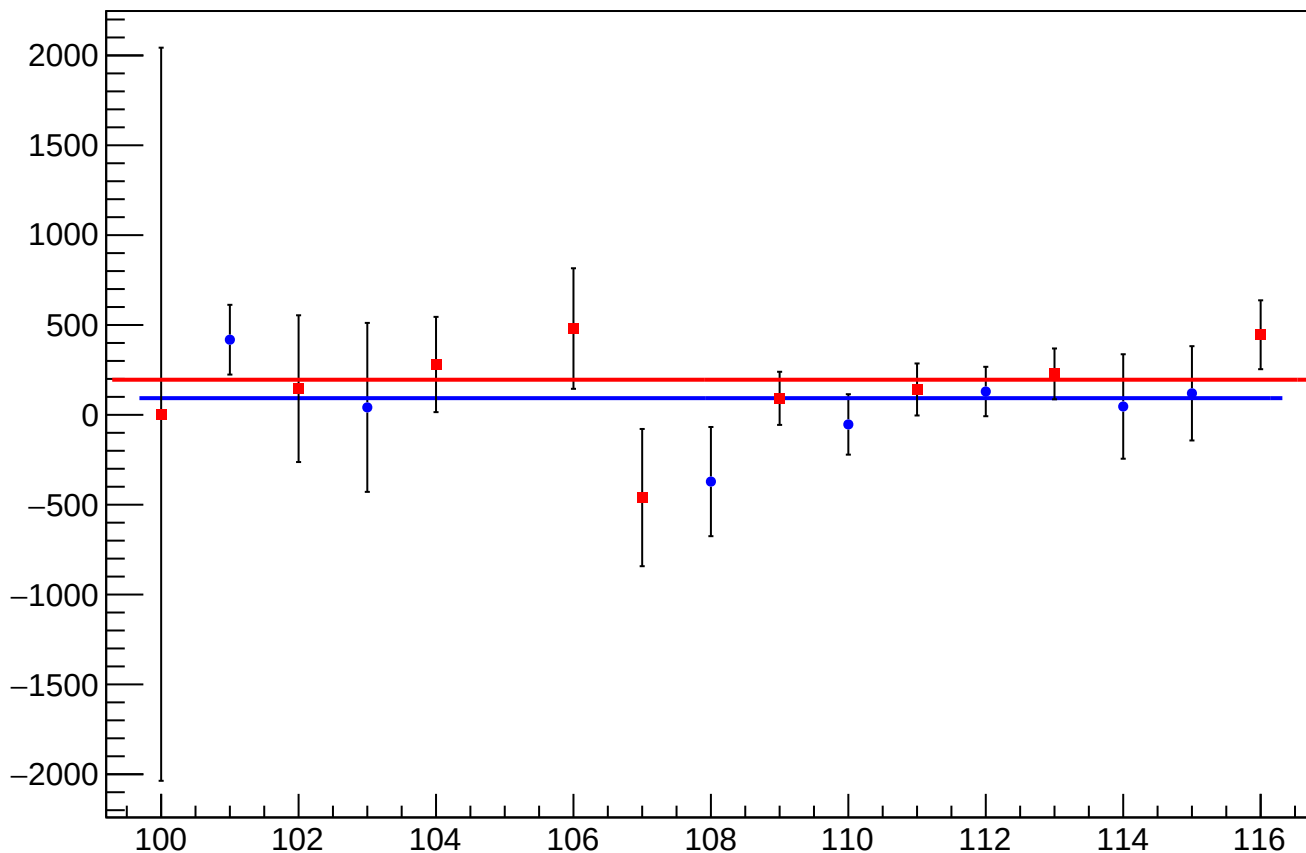
Right: 0.000+/-0.000 χ^2/NDF : 571519.0/15

In: 0.000+/-0.000 χ^2/NDF : 271965.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 571519.0/15

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 92.874+/-79.932 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.420+/-69.517 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

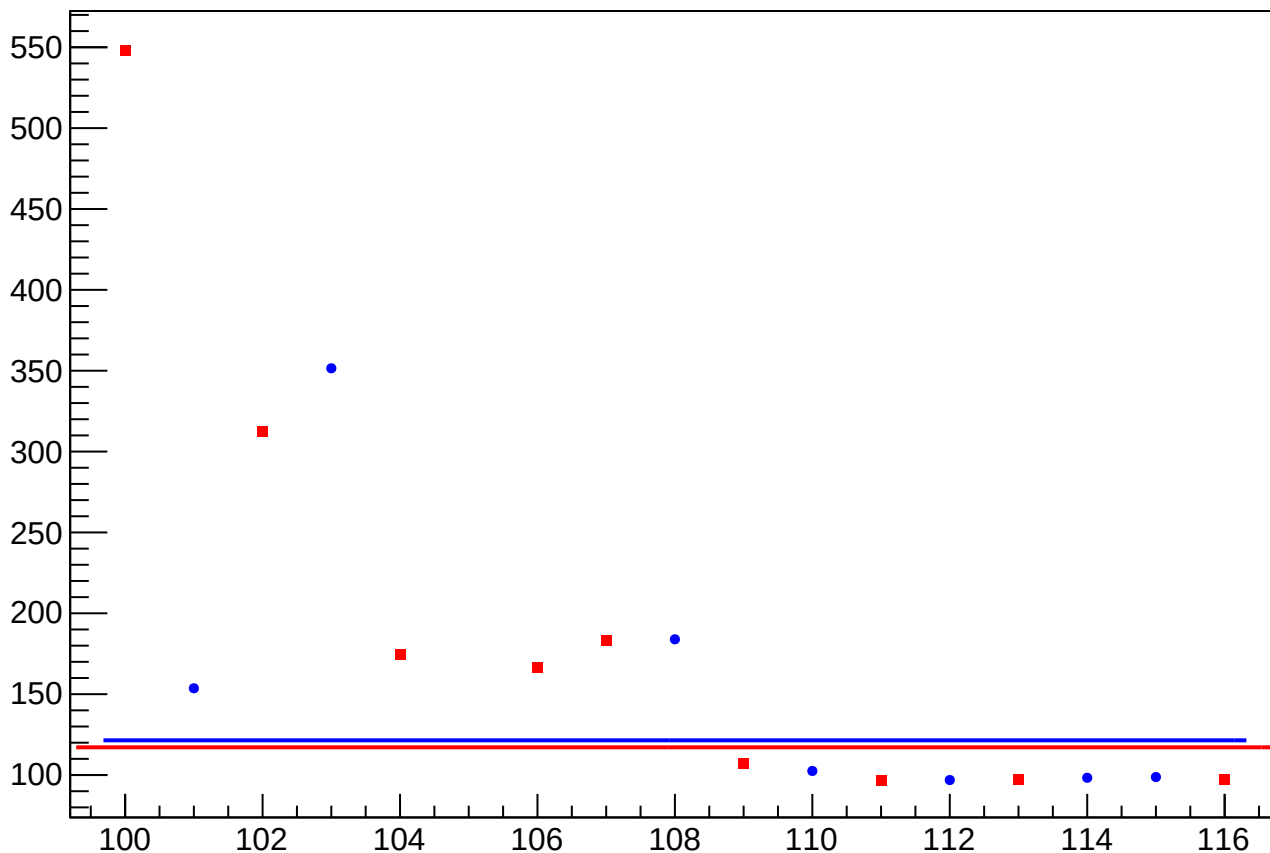
Right: 151.259+/-52.454 χ^2/NDF : 13.1/15

In: 92.874+/-79.932 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.259+/-52.454 χ^2/NDF : 13.1/15

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.461+/-0.057 χ^2/NDF : 735246.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.143+/-0.049 χ^2/NDF : 854384.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

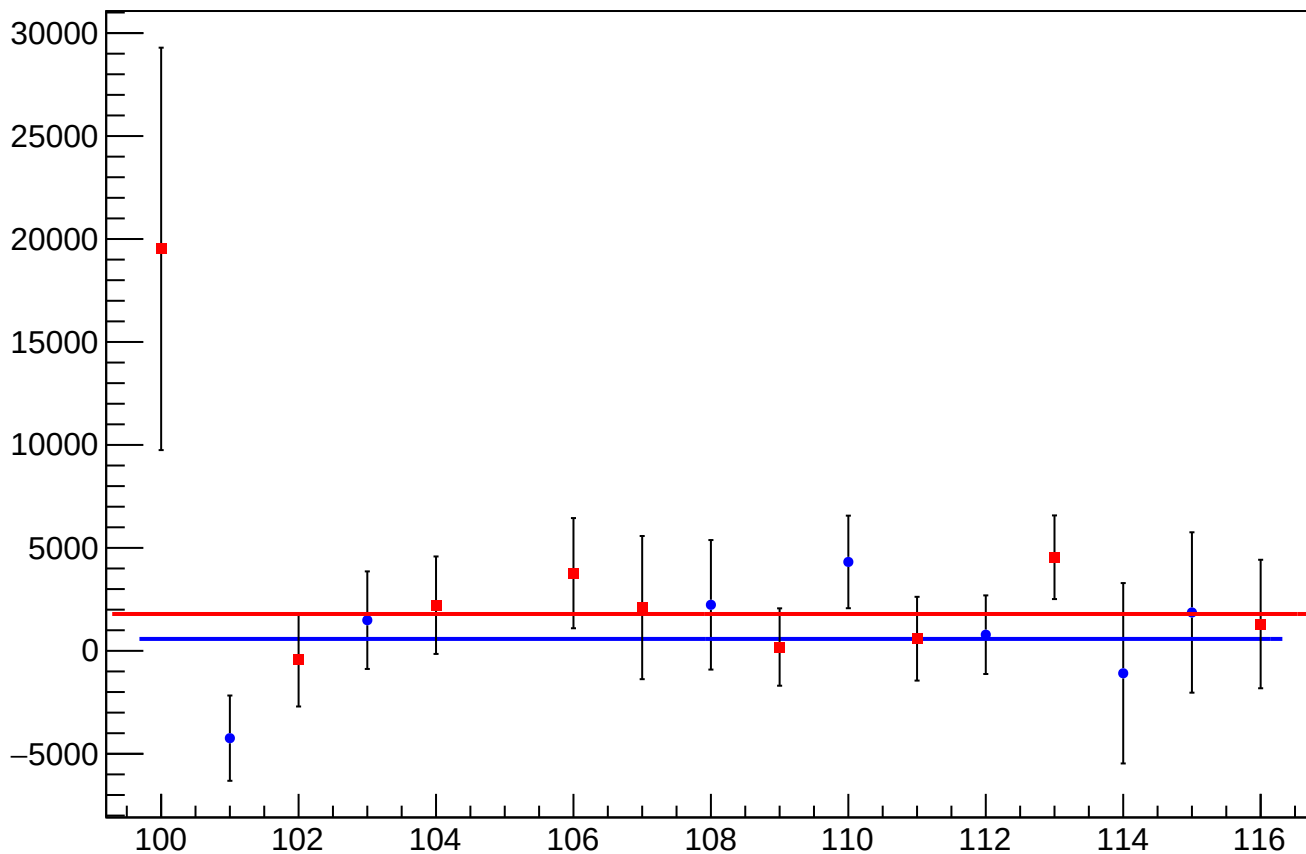
Right: 119.003+/-0.037 χ^2/NDF : 1592953.2/15

In: 121.461+/-0.057 χ^2/NDF : 735246.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.003+/-0.037 χ^2/NDF : 1592953.2/15

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 578.959+/-952.195 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1790.212+/-822.721 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

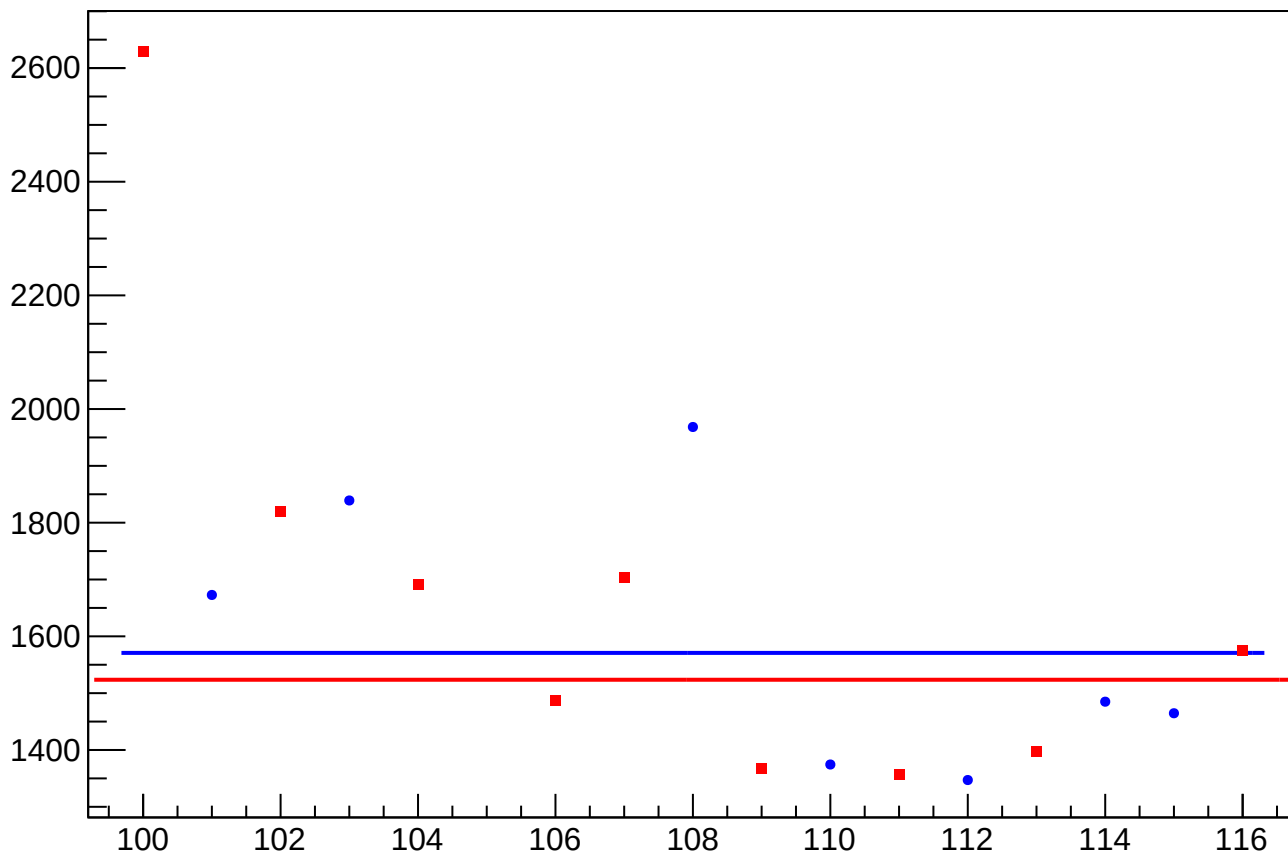
Right: 1272.474+/-622.534 χ^2/NDF : 17.6/15

In: 578.959+/-952.195 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.474+/-622.534 χ^2/NDF : 17.6/15

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1570.852+/-0.673 χ^2/NDF : 107440.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.596+/-0.582 χ^2/NDF : 110815.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

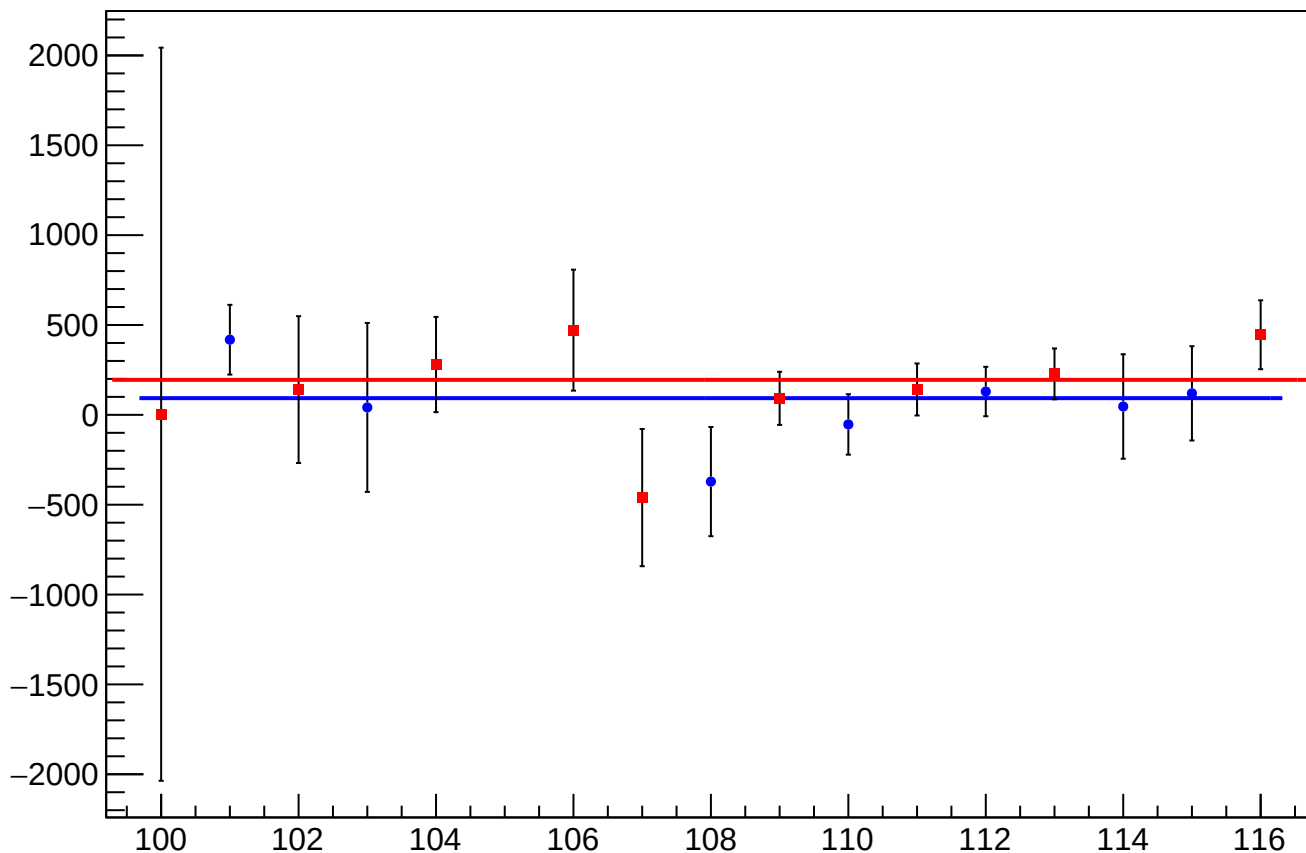
Right: 1543.795+/-0.440 χ^2/NDF : 221075.9/15

In: 1570.852+/-0.673 χ^2/NDF : 107440.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.795+/-0.440 χ^2/NDF : 221075.9/15

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 92.844+/-79.932 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.788+/-69.527 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

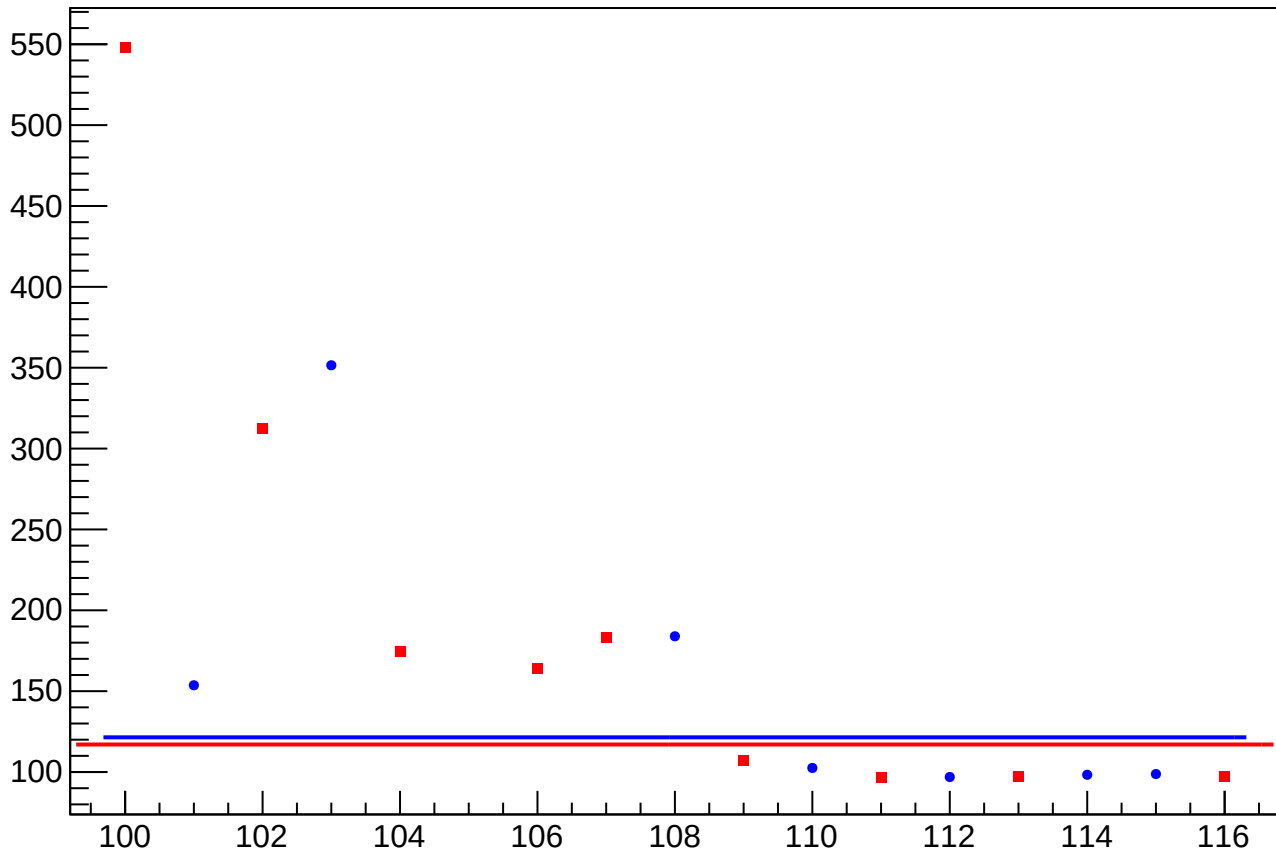
Right: 150.879+/-52.459 χ^2/NDF : 13.1/15

In: 92.844+/-79.932 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.879+/-52.459 χ^2/NDF : 13.1/15

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.461+/-0.057 χ^2/NDF : 735248.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.024+/-0.049 χ^2/NDF : 850097.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

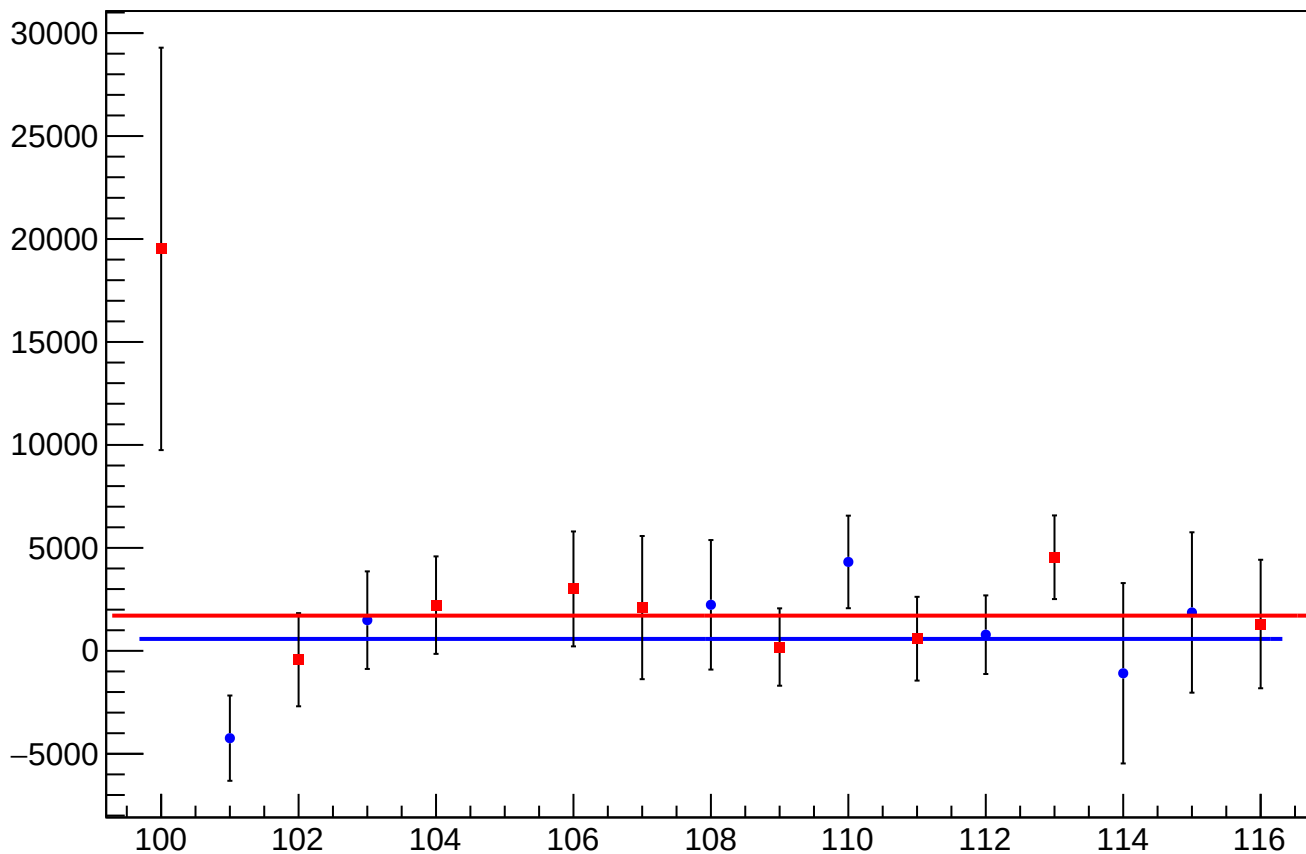
Right: 118.935+/-0.037 χ^2/NDF : 1588853.5/15

In: 121.461+/-0.057 χ^2/NDF : 735248.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.935+/-0.037 χ^2/NDF : 1588853.5/15

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 579.036+/-952.212 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.413+/-825.982 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

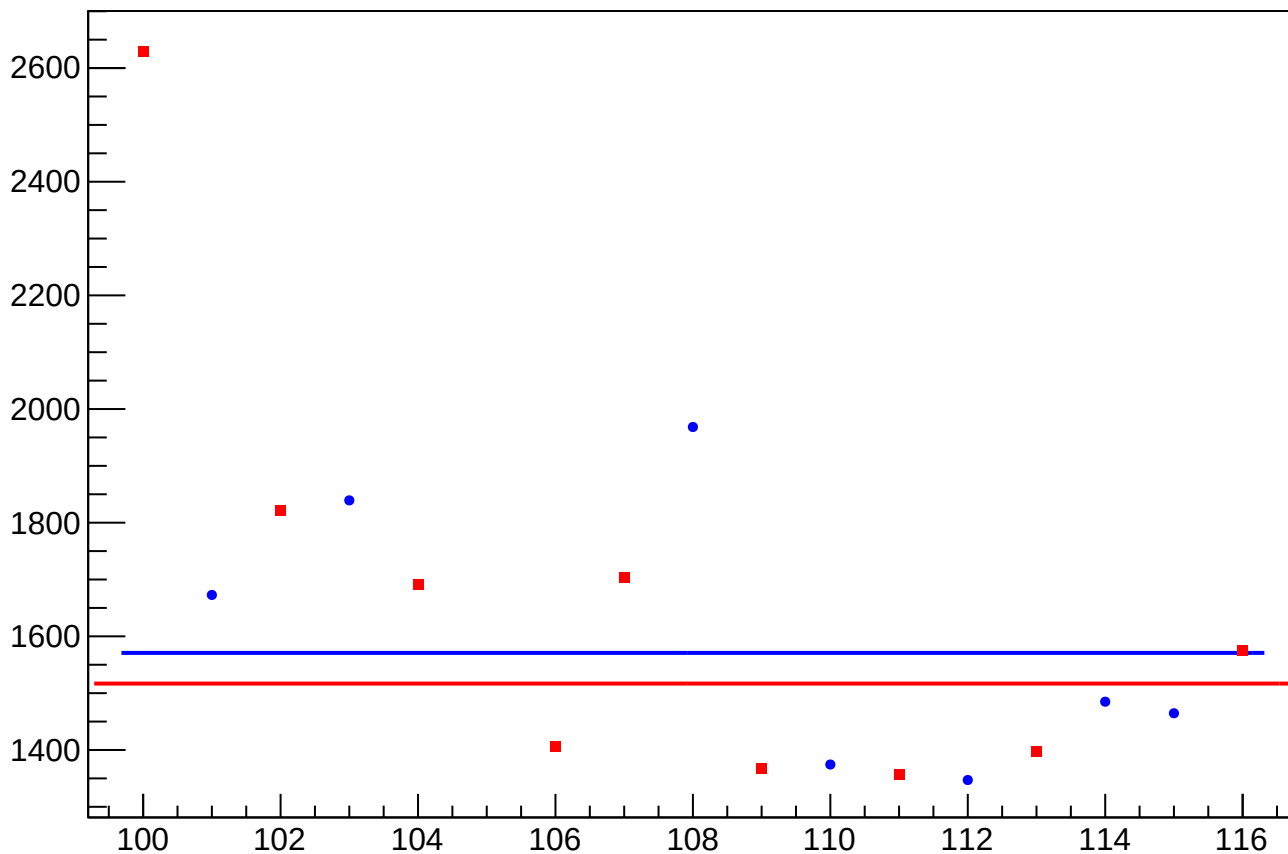
Right: 1224.636+/-623.948 χ^2/NDF : 17.1/15

In: 579.036+/-952.212 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1224.636+/-623.948 χ^2/NDF : 17.1/15

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1570.874+/-0.673 χ^2/NDF : 107472.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1516.904+/-0.584 χ^2/NDF : 114139.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

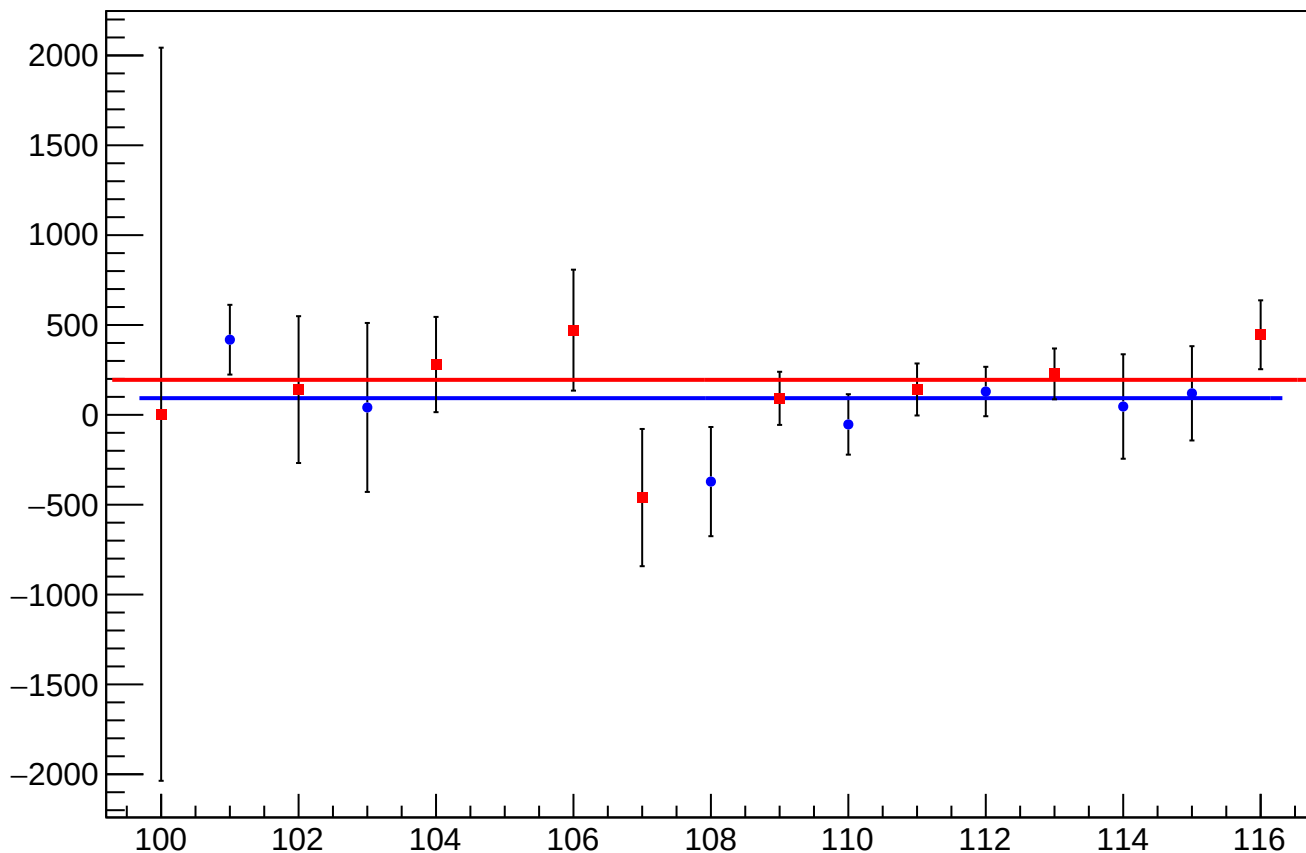
Right: 1540.077+/-0.441 χ^2/NDF : 225278.4/15

In: 1570.874+/-0.673 χ^2/NDF : 107472.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.077+/-0.441 χ^2/NDF : 225278.4/15

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 92.844+/-79.932 χ^2/NDF : 6.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.788+/-69.527 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

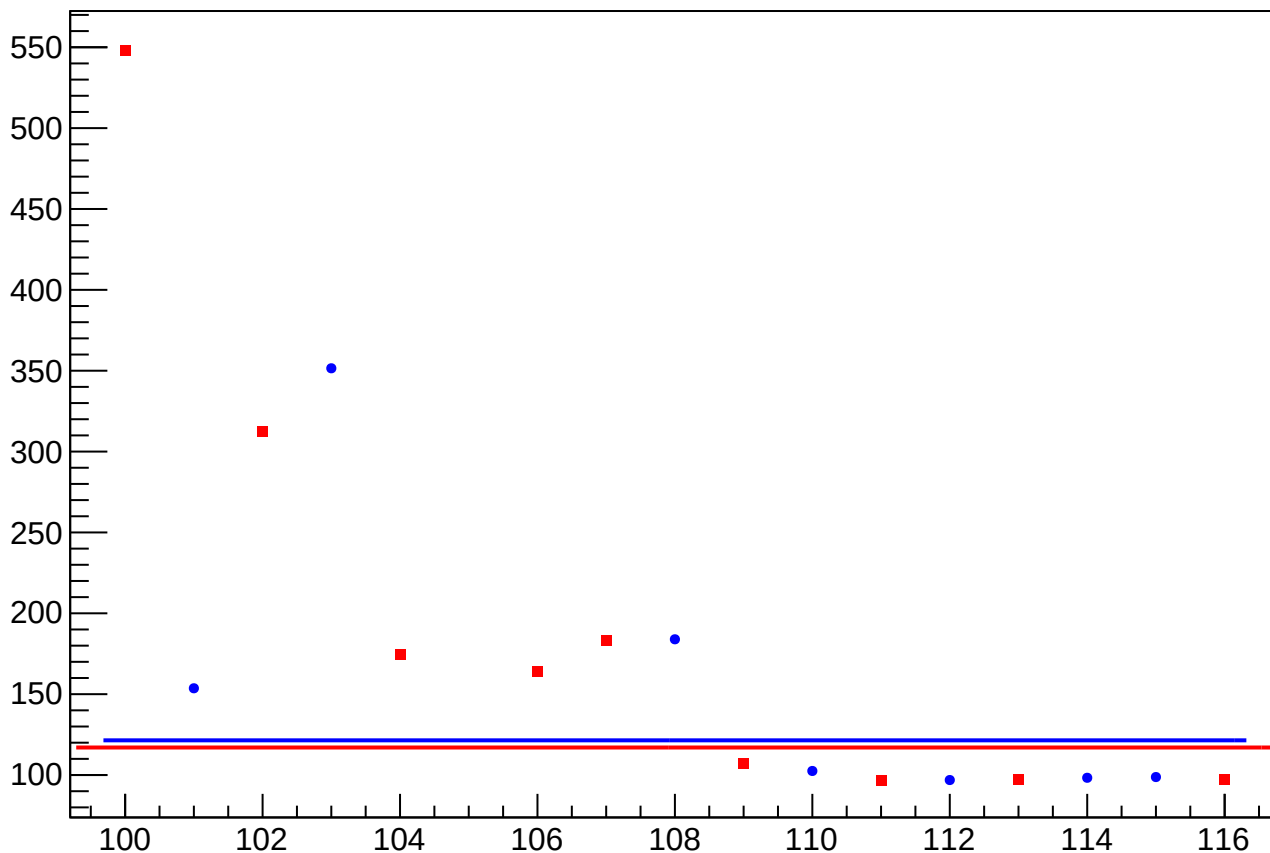
Right: 150.879+/-52.459 χ^2/NDF : 13.1/15

In: 92.844+/-79.932 χ^2/NDF : 6.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.879+/-52.459 χ^2/NDF : 13.1/15

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.461+/-0.057 χ^2/NDF : 735248.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.024+/-0.049 χ^2/NDF : 850097.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

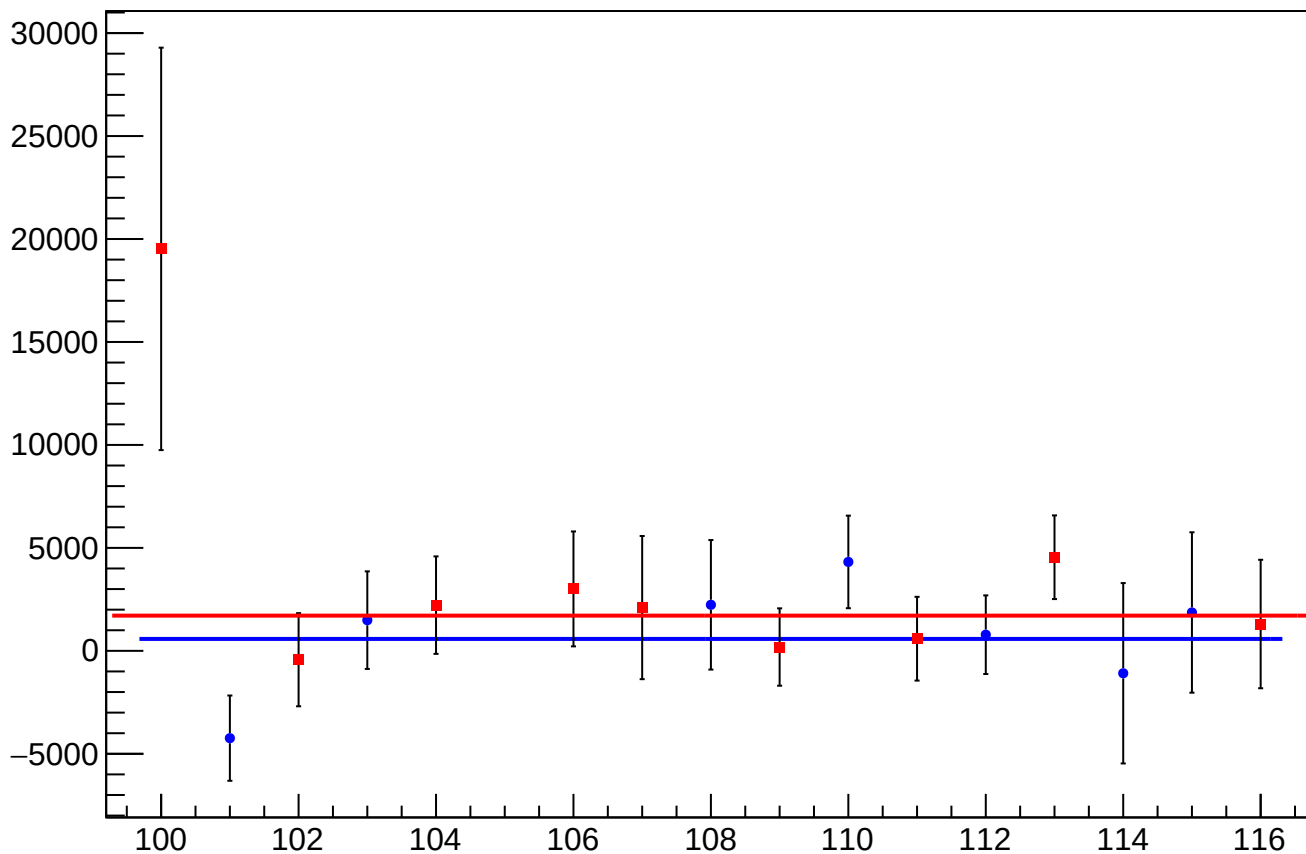
Right: 118.935+/-0.037 χ^2/NDF : 1588853.5/15

In: 121.461+/-0.057 χ^2/NDF : 735248.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.935+/-0.037 χ^2/NDF : 1588853.5/15

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 579.036+/-952.212 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.413+/-825.982 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

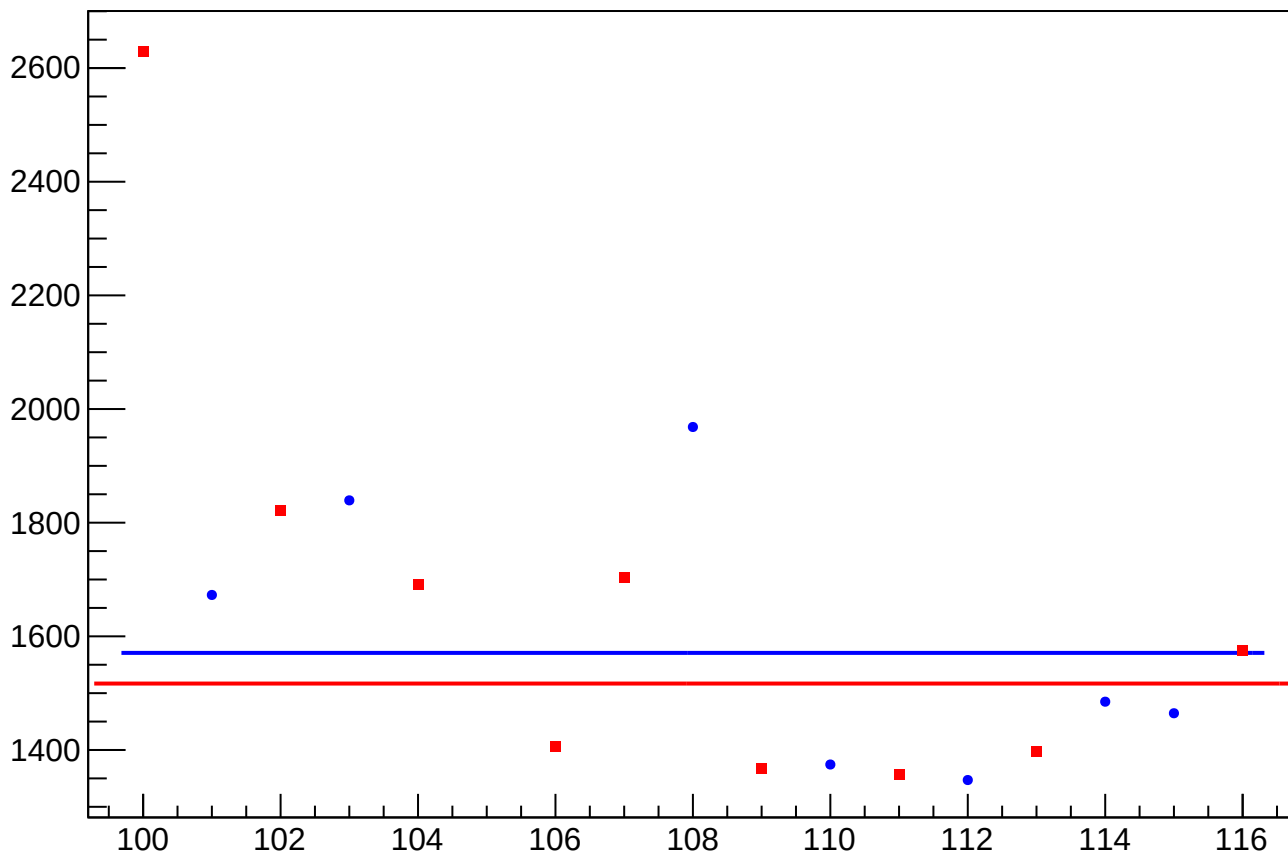
Right: 1224.636+/-623.948 χ^2/NDF : 17.1/15

In: 579.036+/-952.212 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1224.636+/-623.948 χ^2/NDF : 17.1/15

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1570.874+/-0.673 χ^2/NDF : 107472.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1516.904+/-0.584 χ^2/NDF : 114139.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

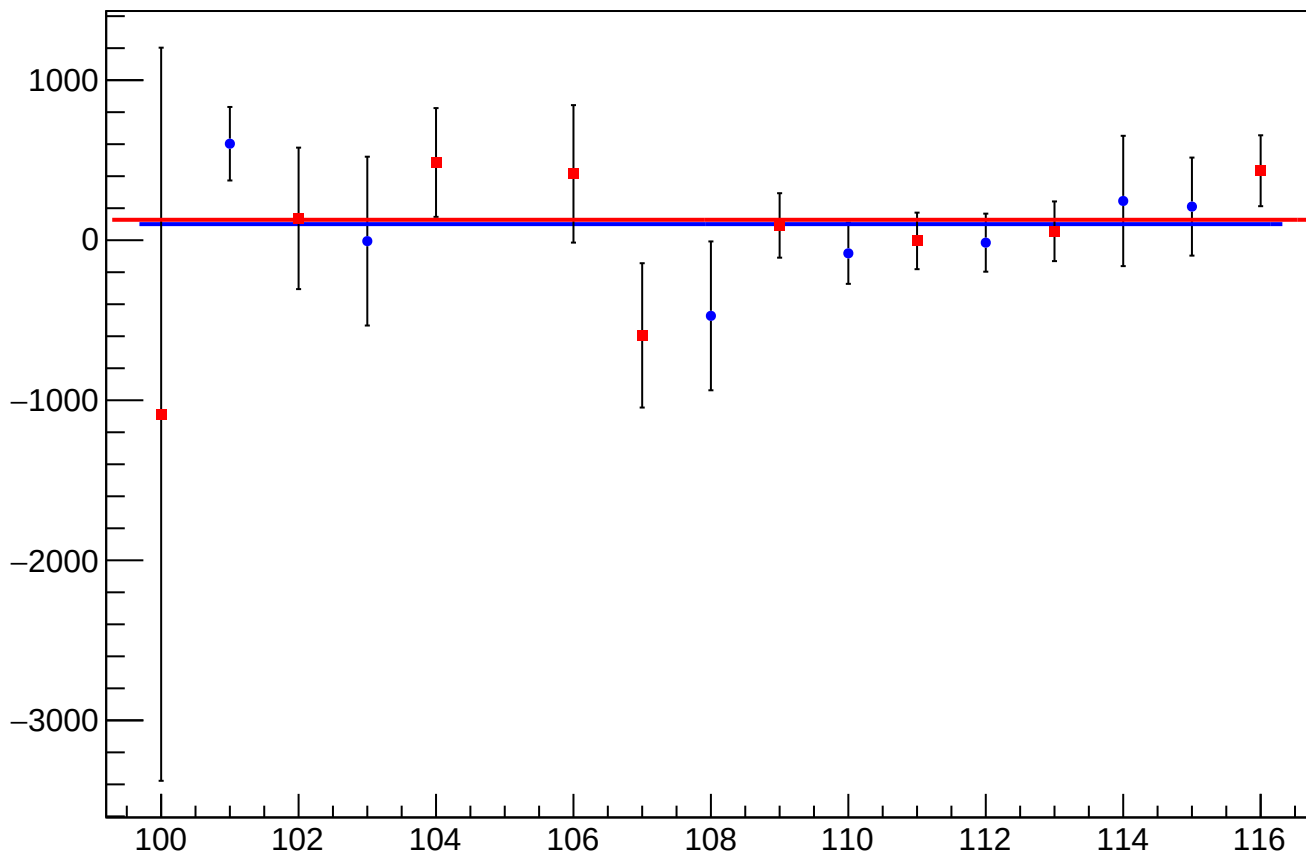
Right: 1540.077+/-0.441 χ^2/NDF : 225278.4/15

In: 1570.874+/-0.673 χ^2/NDF : 107472.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.077+/-0.441 χ^2/NDF : 225278.4/15

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 100.527 $\pm$ 99.139 χ^2 /NDF: 7.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.671 $\pm$ 87.659 χ^2 /NDF: 7.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

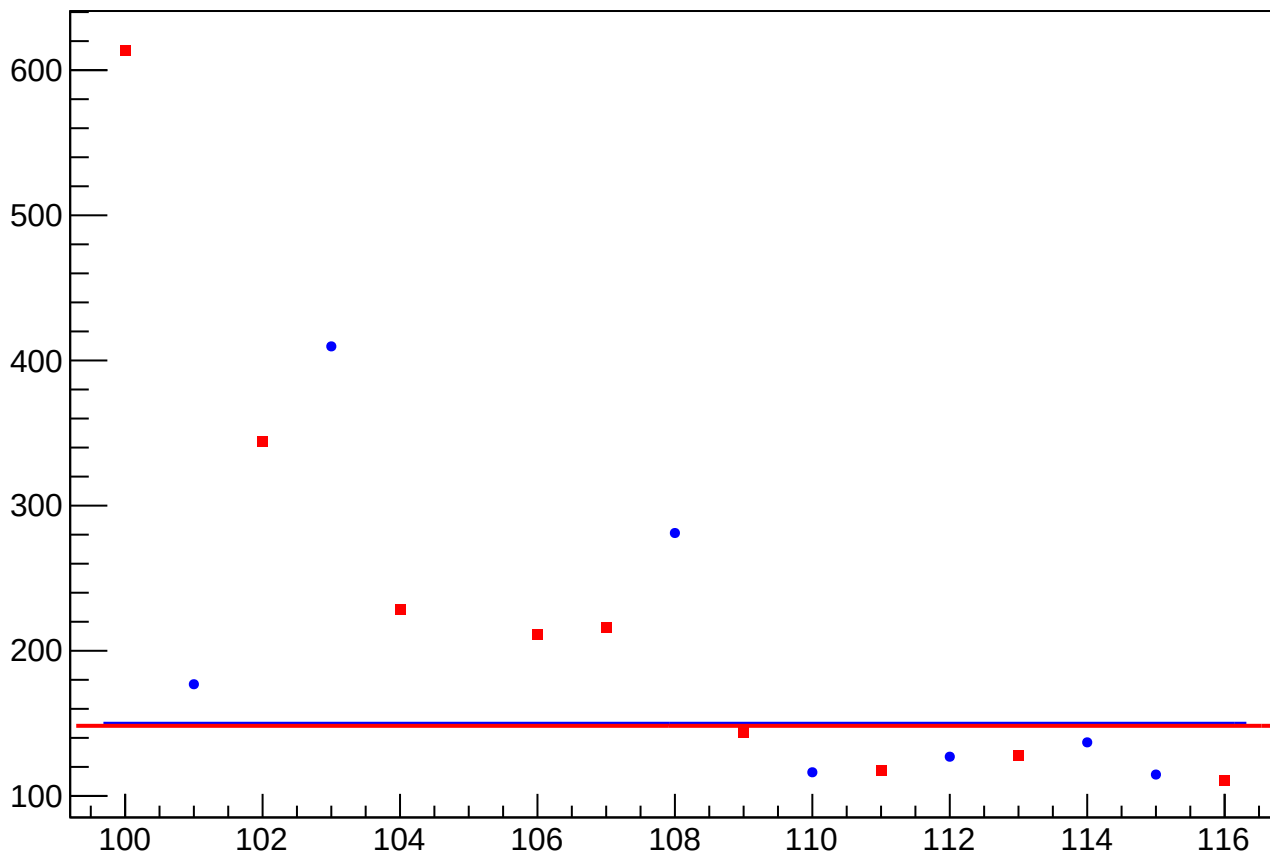
Right: 115.761 $\pm$ 65.670 χ^2 /NDF: 15.0/15

In: 100.527 $\pm$ 99.139 χ^2 /NDF:7.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.761 $\pm$ 65.670 χ^2 /NDF: 15.0/15

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 149.725+/-0.070 χ^2/NDF : 794510.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.308+/-0.062 χ^2/NDF : 818871.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

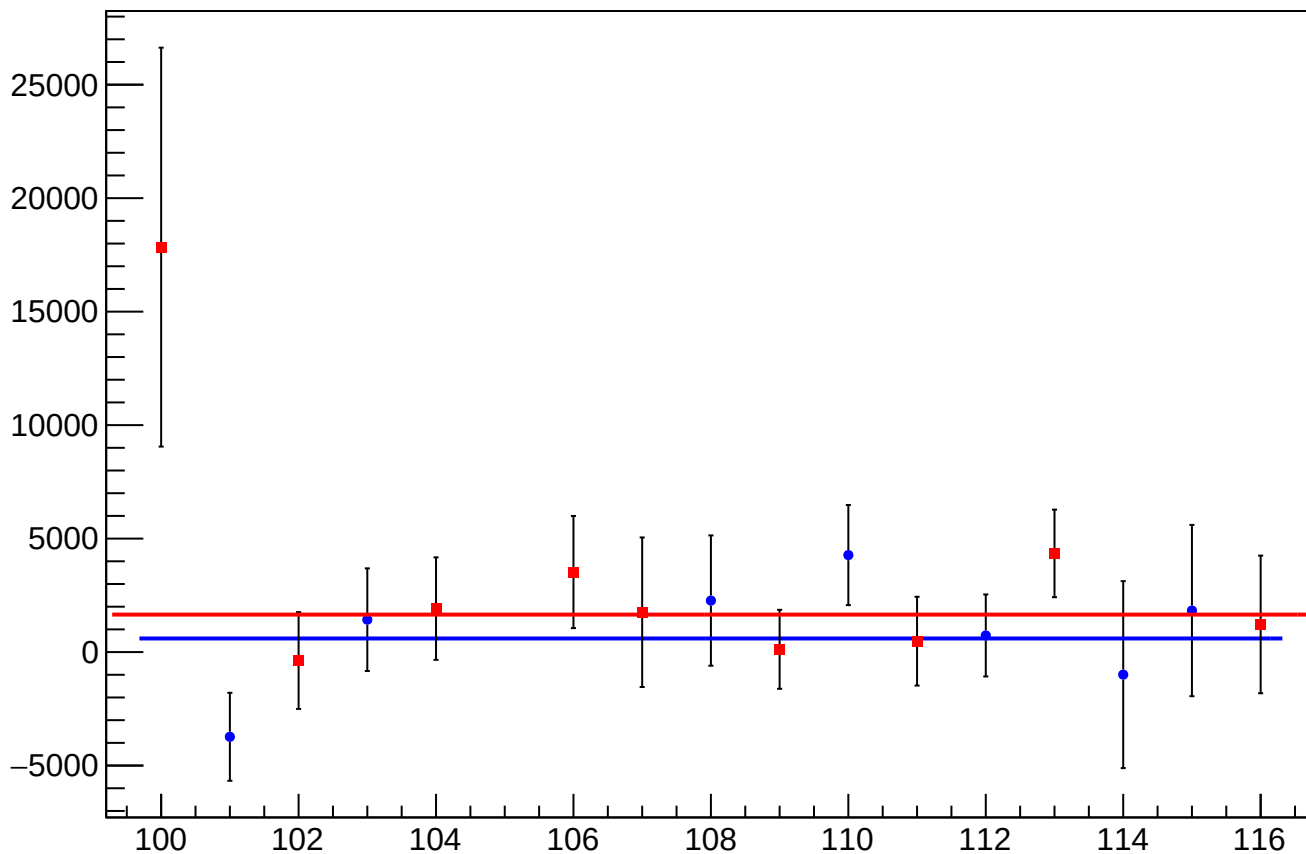
Right: 148.930+/-0.046 χ^2/NDF : 1613611.4/15

In: 149.725+/-0.070 χ^2/NDF : 794510.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.930+/-0.046 χ^2/NDF : 1613611.4/15

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 599.835+/-903.782 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.610+/-777.591 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

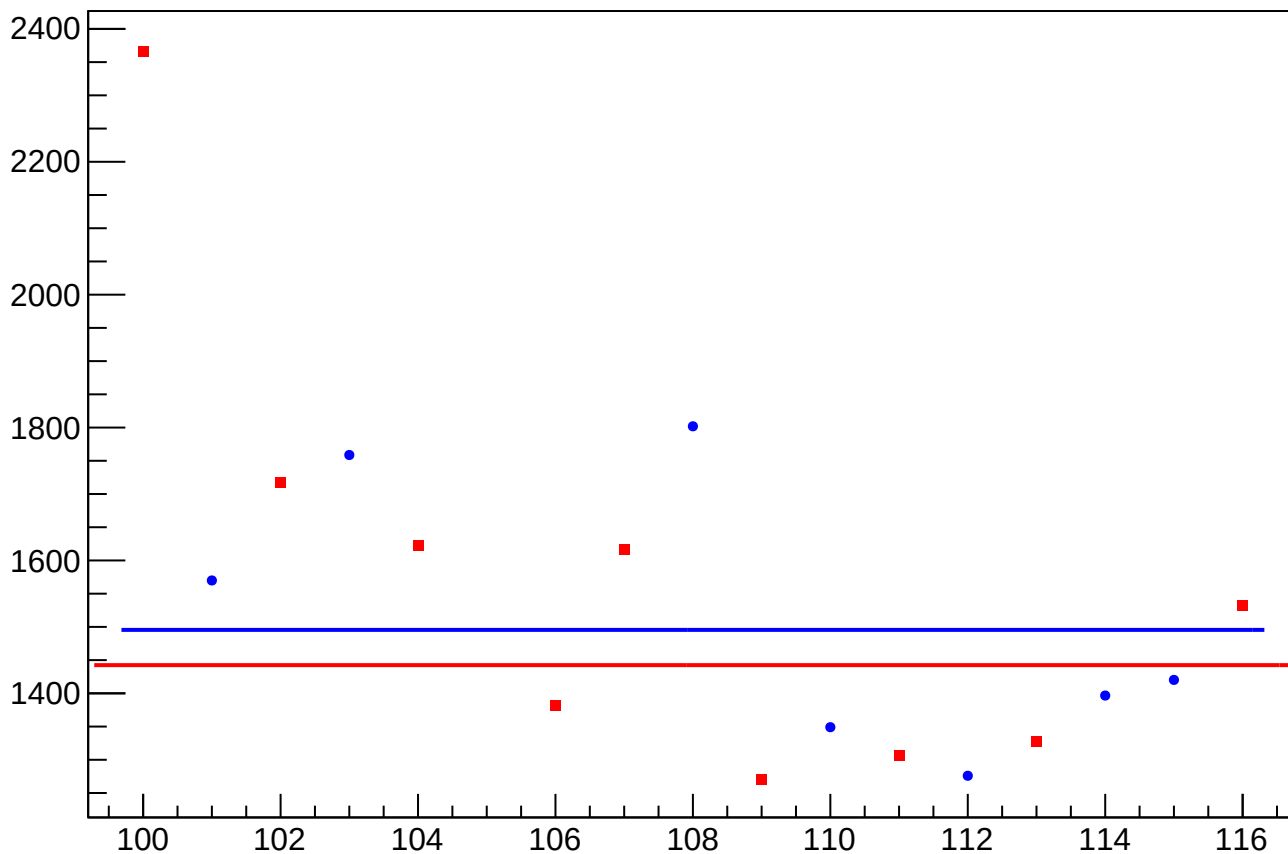
Right: 1204.218+/-589.449 χ^2/NDF : 17.3/15

In: 599.835+/-903.782 χ^2/NDF : 8.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.218+/-589.449 χ^2/NDF : 17.3/15

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1495.505+/-0.639 χ^2/NDF : 93134.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1442.457+/-0.550 χ^2/NDF : 113079.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

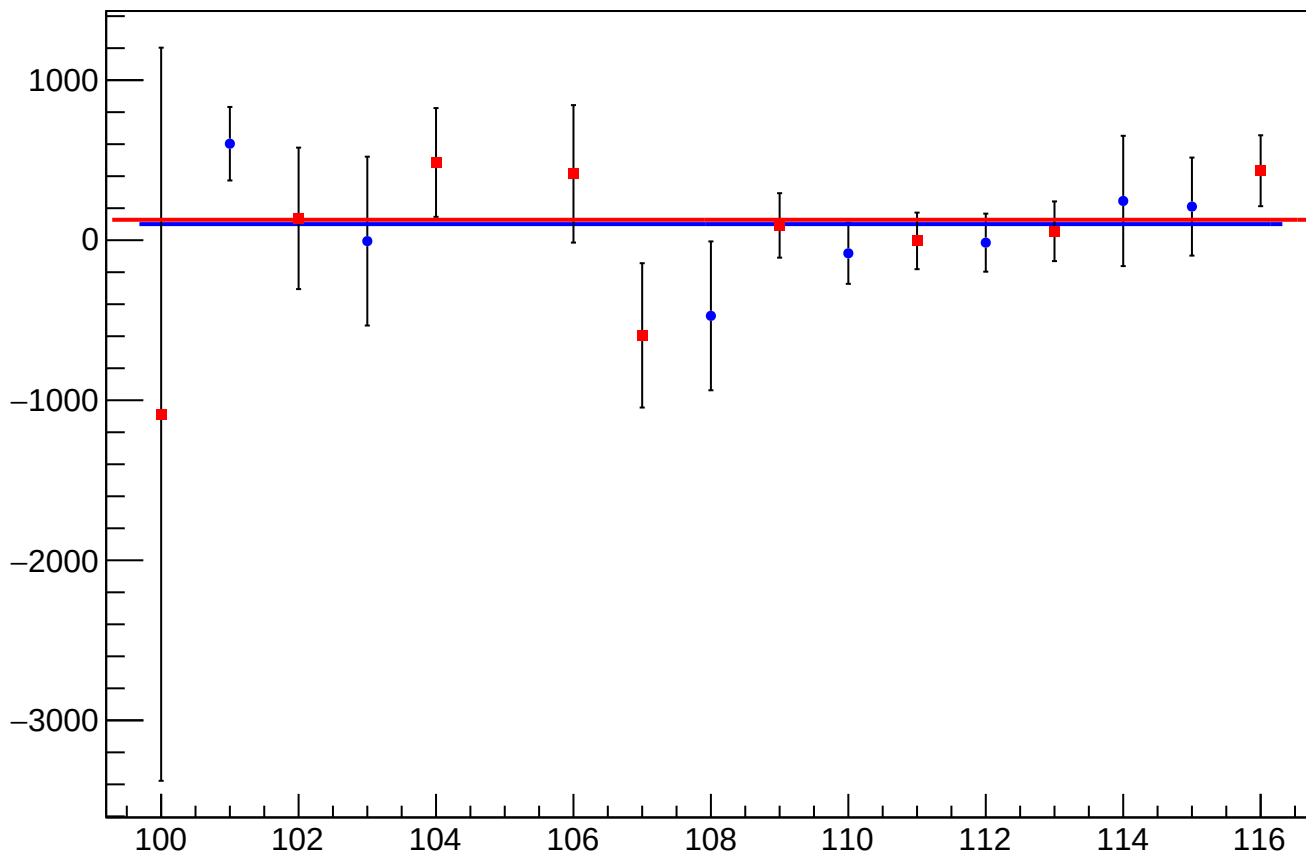
Right: 1465.022+/-0.417 χ^2/NDF : 210172.9/15

In: 1495.505+/-0.639 χ^2/NDF : 93134.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.022+/-0.417 χ^2/NDF : 210172.9/15

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 100.528+/-99.140 χ^2/NDF : 7.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.669+/-87.660 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

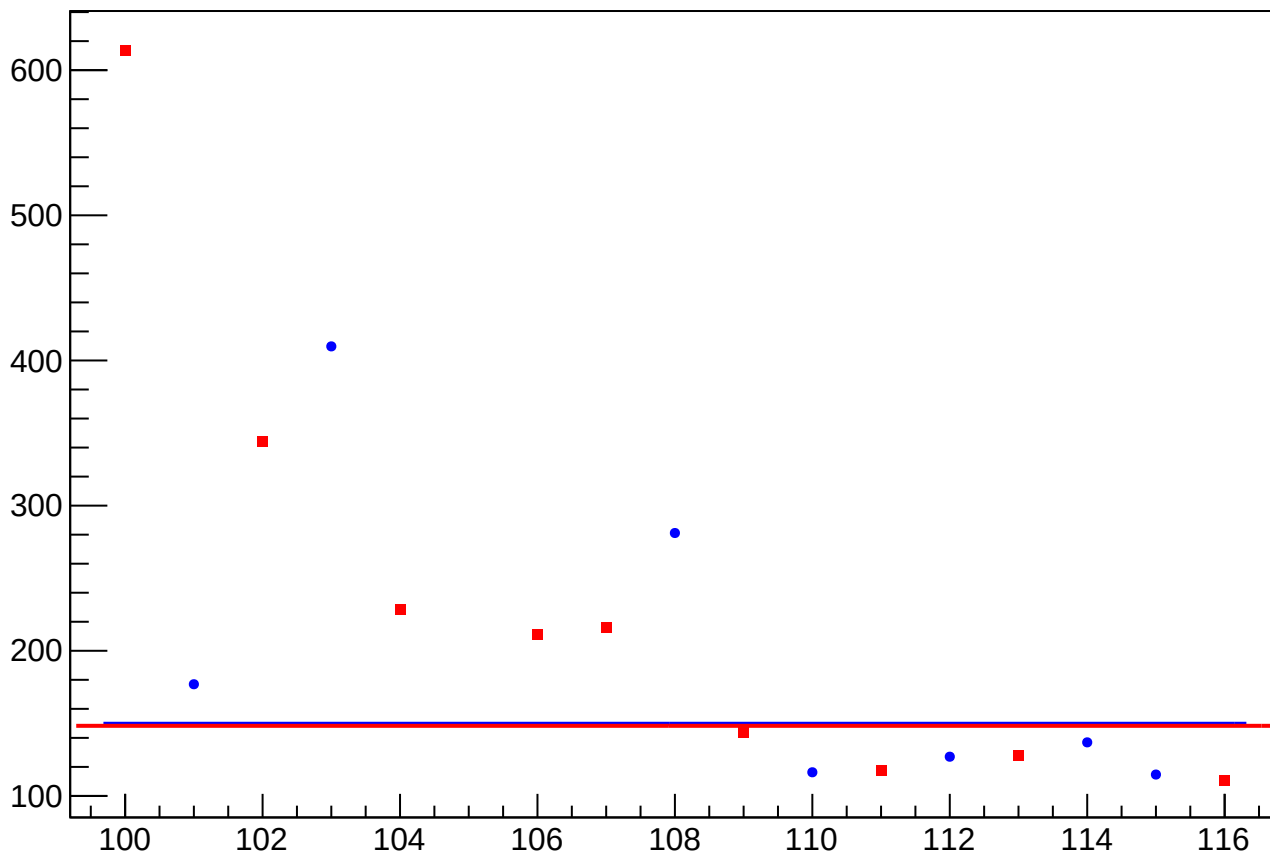
Right: 115.760+/-65.670 χ^2/NDF : 15.0/15

In: 100.528+/-99.140 χ^2/NDF : 7.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.760+/-65.670 χ^2/NDF : 15.0/15

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 149.726+/-0.070 χ^2/NDF : 794512.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.309+/-0.062 χ^2/NDF : 818878.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

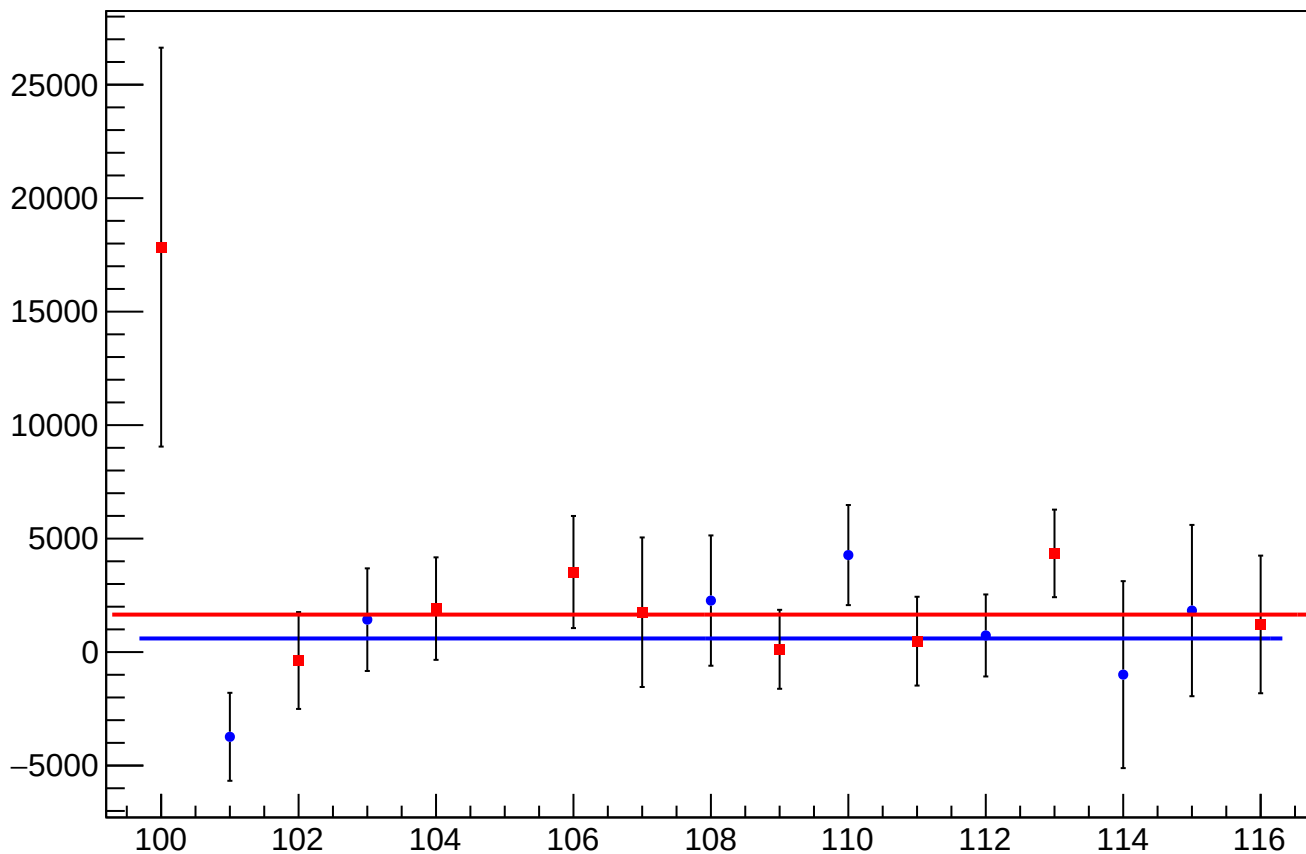
Right: 148.931+/-0.046 χ^2/NDF : 1613620.0/15

In: 149.726+/-0.070 χ^2/NDF : 794512.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.931+/-0.046 χ^2/NDF : 1613620.0/15

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 599.832+/-903.780 χ^2/NDF : 8.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1651.606+/-777.590 χ^2/NDF : 8.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

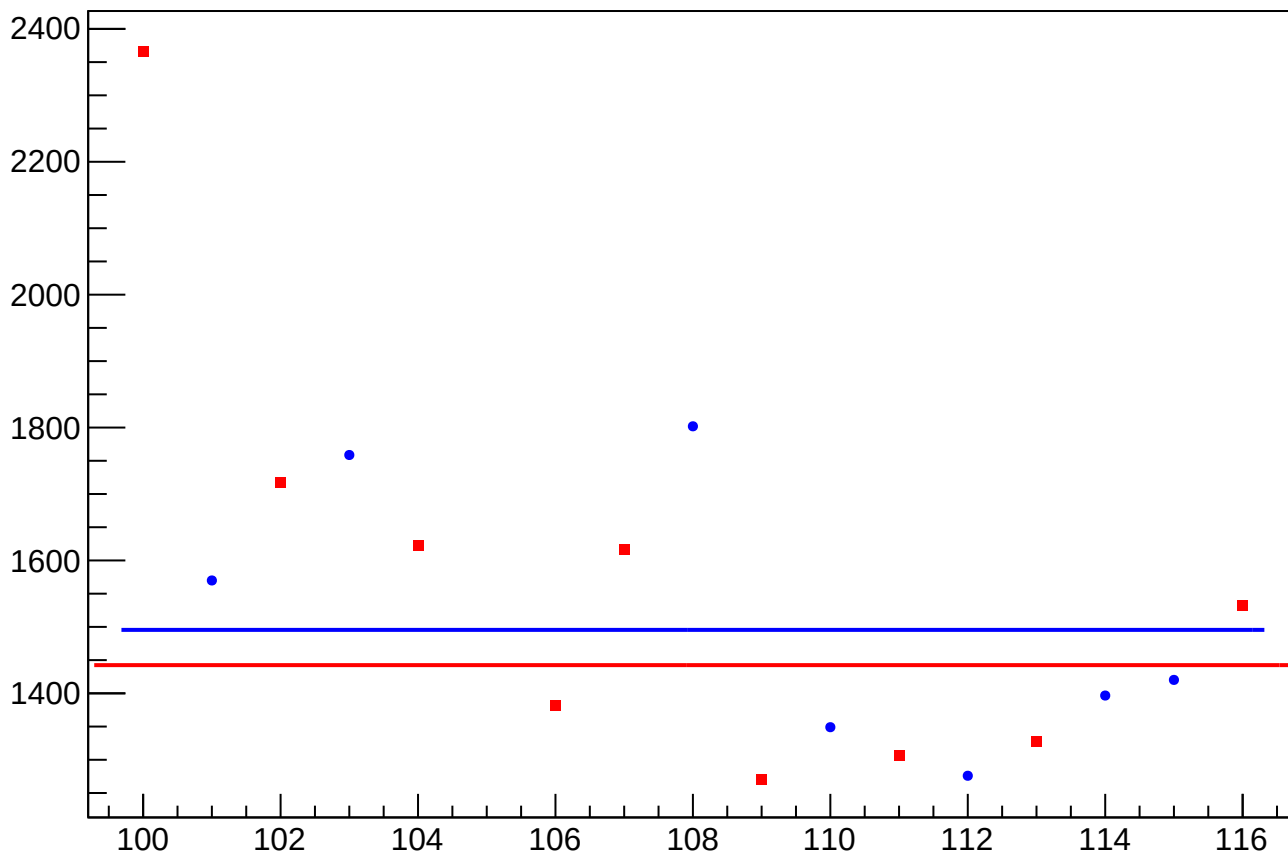
Right: 1204.214+/-589.448 χ^2/NDF : 17.3/15

In: 599.832+/-903.780 χ^2/NDF :8.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1204.214+/-589.448 χ^2/NDF : 17.3/15

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1495.502 $\pm$ 0.639 χ^2 /NDF: 93132.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1442.454 $\pm$ 0.550 χ^2 /NDF: 113077.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

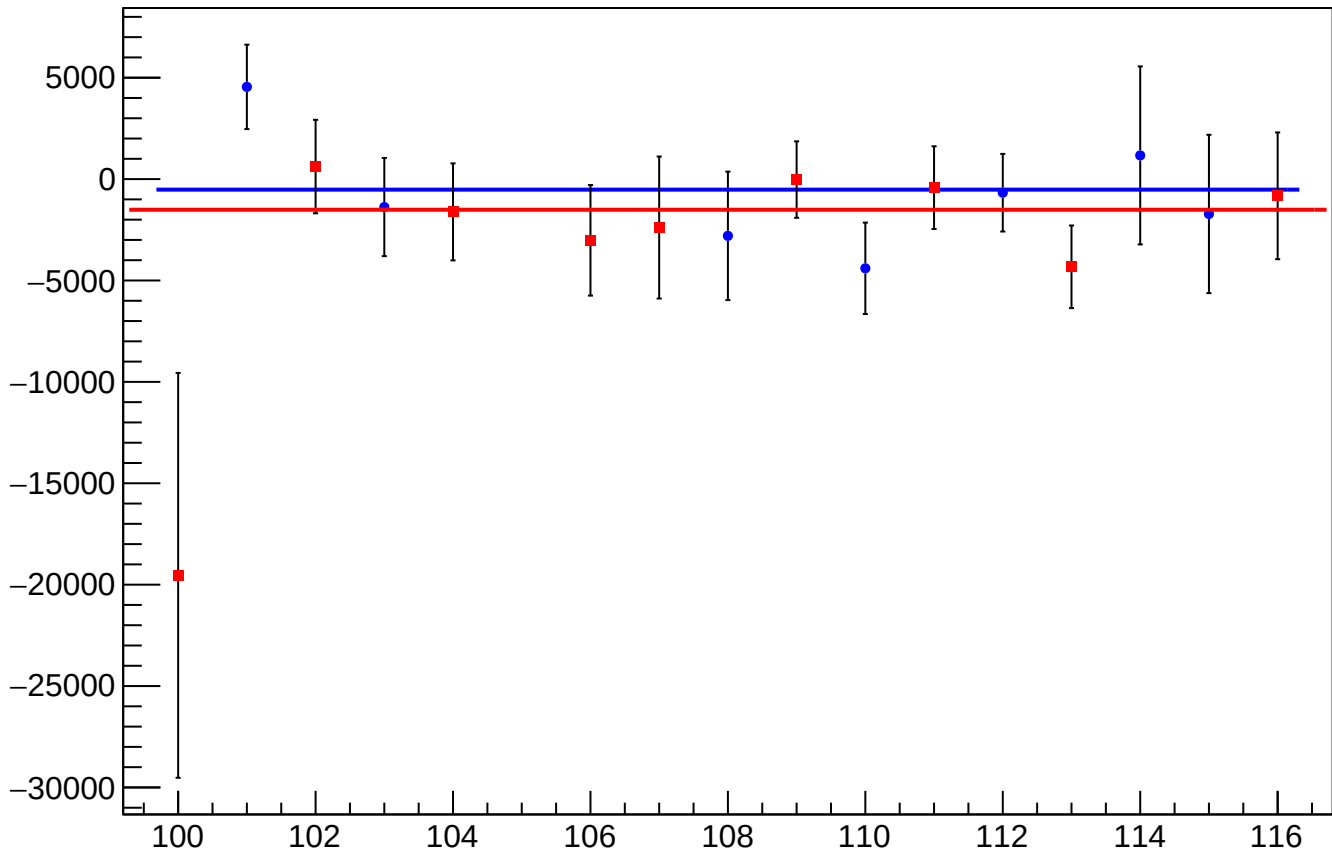
Right: 1465.019 $\pm$ 0.417 χ^2 /NDF: 210169.0/15

In: 1495.502 $\pm$ 0.639 χ^2 /NDF:93132.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1465.019 $\pm$ 0.417 χ^2 /NDF: 210169.0/15

asym_sam3_mean vs Slug, Sign Corrected



Right In: -519.925+/-958.489 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1511.240+/-829.128 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

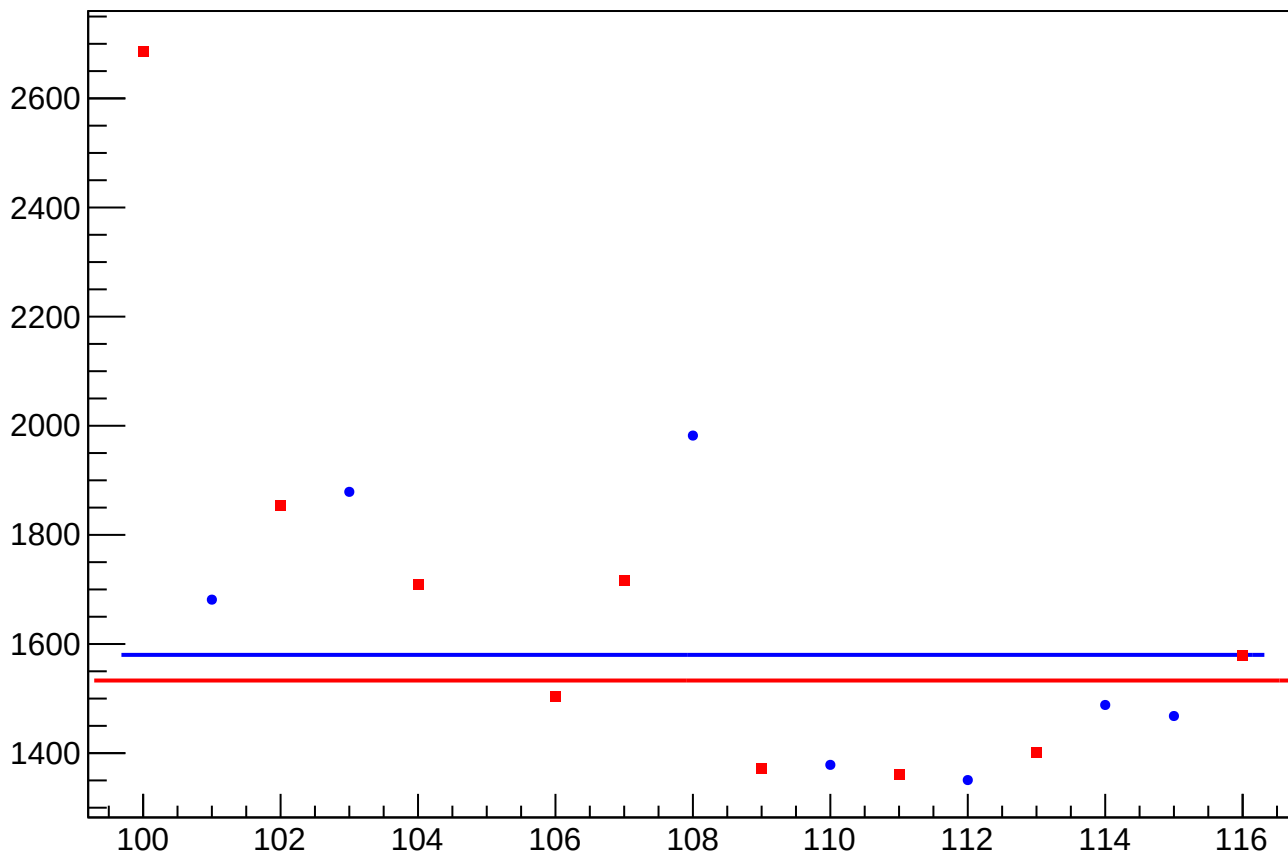
Right: -1086.945+/-627.069 χ^2/NDF : 17.7/15

In: -519.925+/-958.489 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1086.945+/-627.069 χ^2/NDF : 17.7/15

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1580.096 $\pm$ 0.678 χ^2 /NDF: 114666.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1533.103 $\pm$ 0.586 χ^2 /NDF: 119560.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

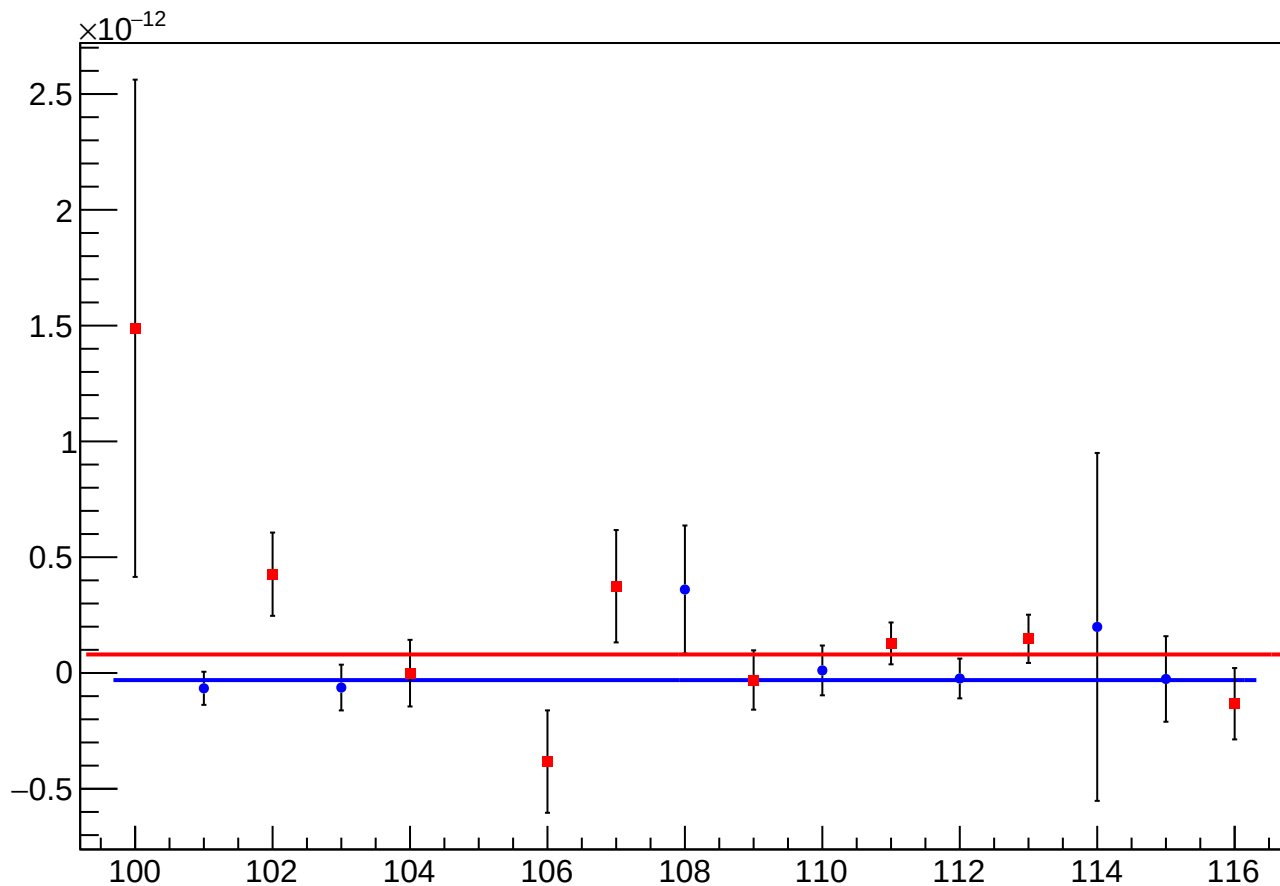
Right: 1553.217 $\pm$ 0.443 χ^2 /NDF: 236976.9/15

In: 1580.096 $\pm$ 0.678 χ^2 /NDF:114666.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1553.217 $\pm$ 0.443 χ^2 /NDF: 236976.9/15

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

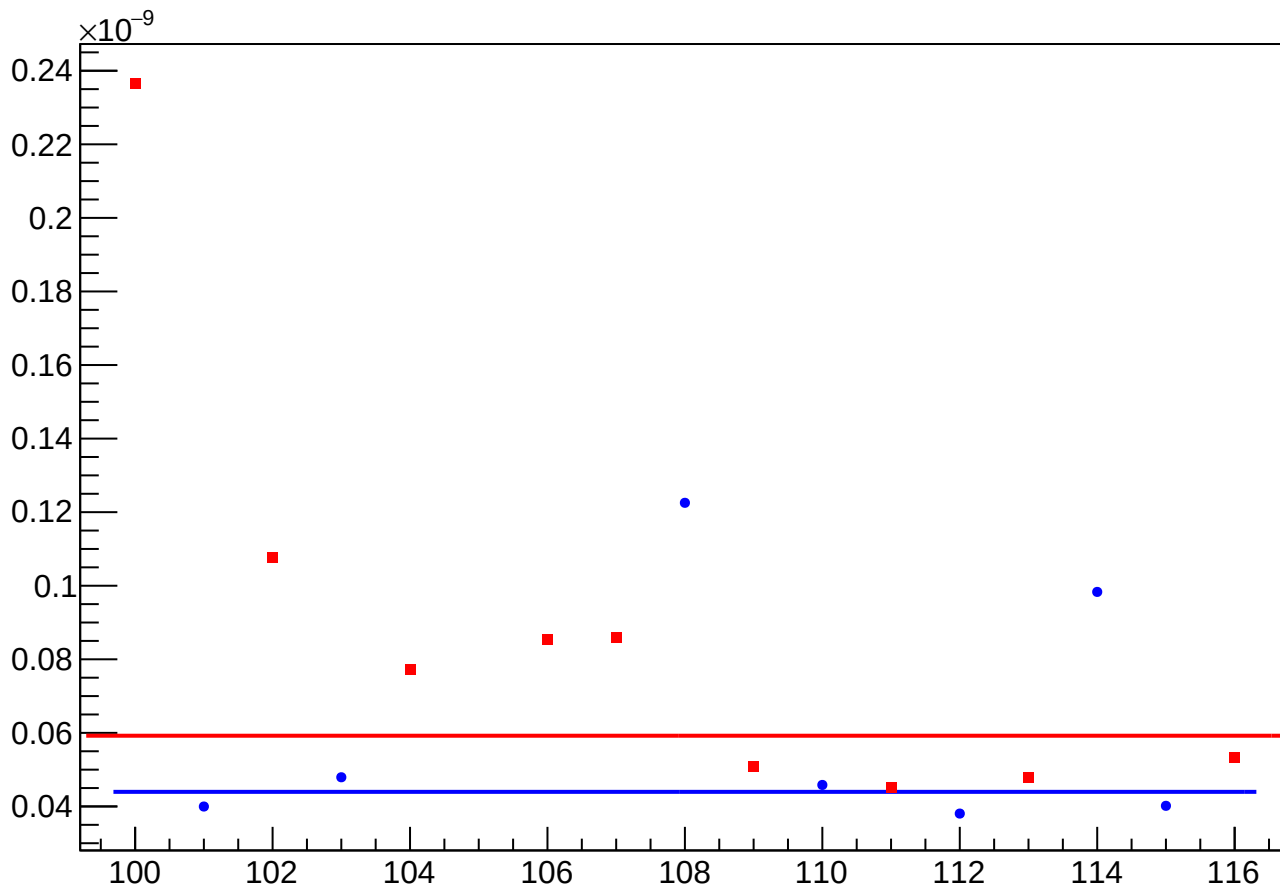
Right: 0.000+/-0.000 χ^2/NDF : 20.6/15

In: -0.000+/-0.000 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/15

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 192321.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366818.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

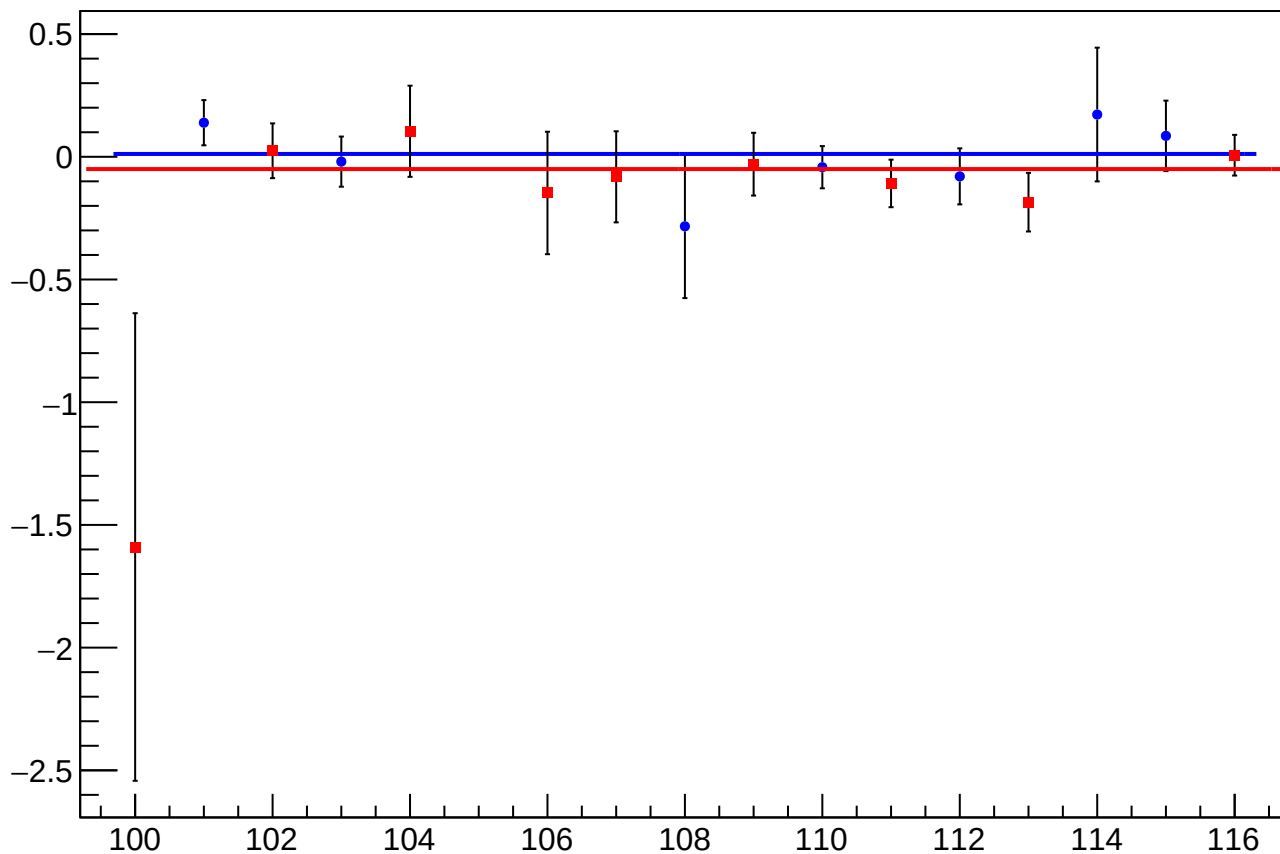
Right: 0.000+/-0.000 χ^2/NDF : 673576.5/15

In: 0.000+/-0.000 χ^2/NDF : 192321.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 673576.5/15

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.045 χ^2 /NDF: 4.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

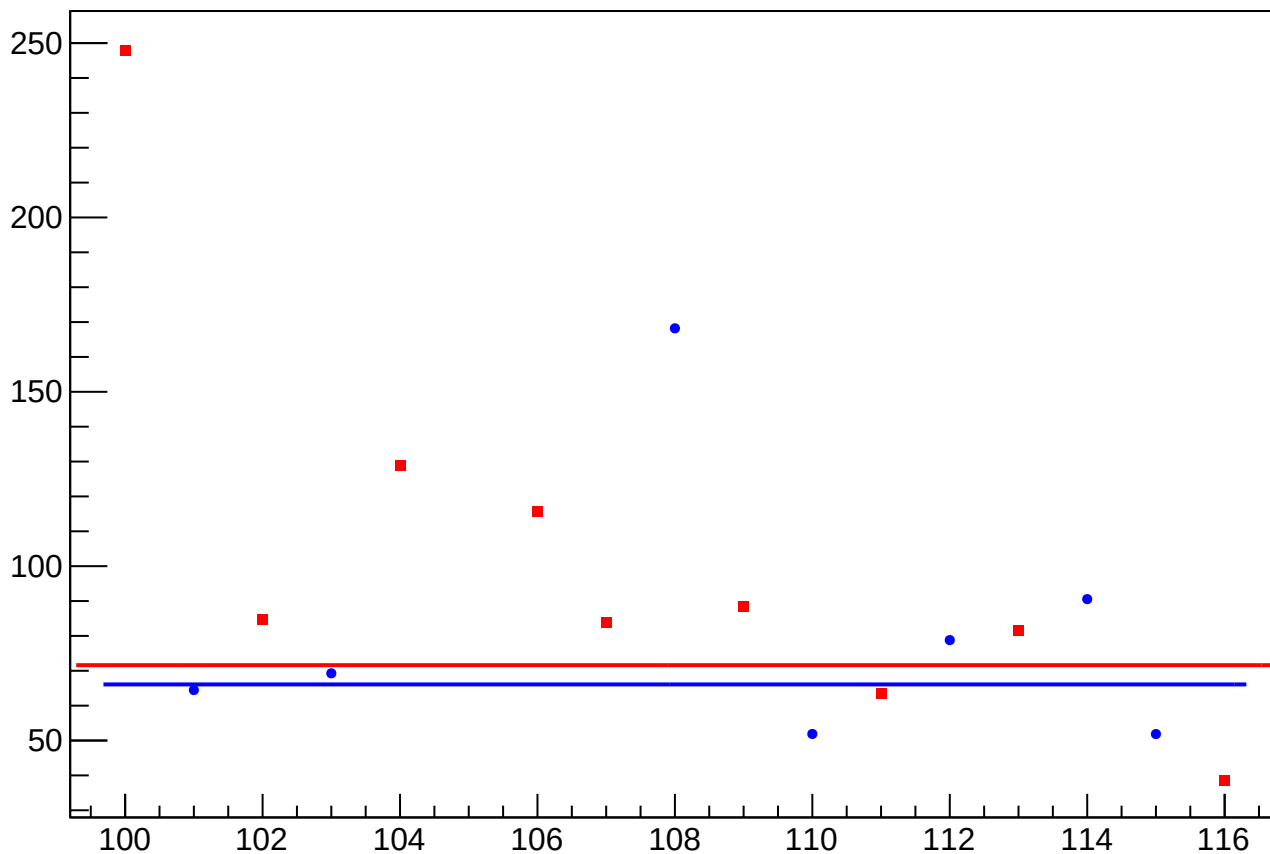
Right: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

In: 0.012 $\pm$ 0.045 χ^2 /NDF:4.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.087+/-0.032 χ^2/NDF : 361515.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.609+/-0.030 χ^2/NDF : 738873.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

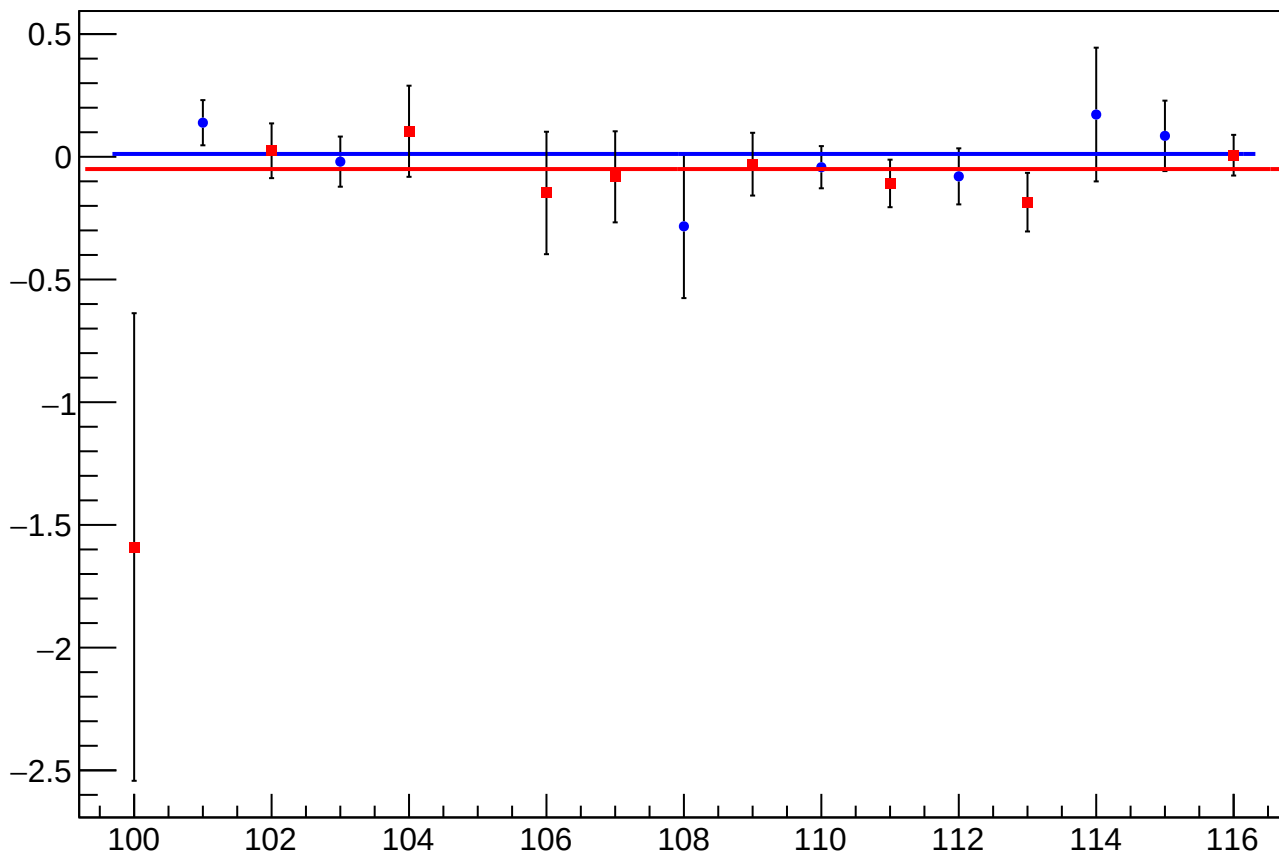
Right: 68.953+/-0.022 χ^2/NDF : 1116198.1/15

In: 66.087+/-0.032 χ^2/NDF : 361515.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.953+/-0.022 χ^2/NDF : 1116198.1/15

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.045 χ^2 /NDF: 4.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

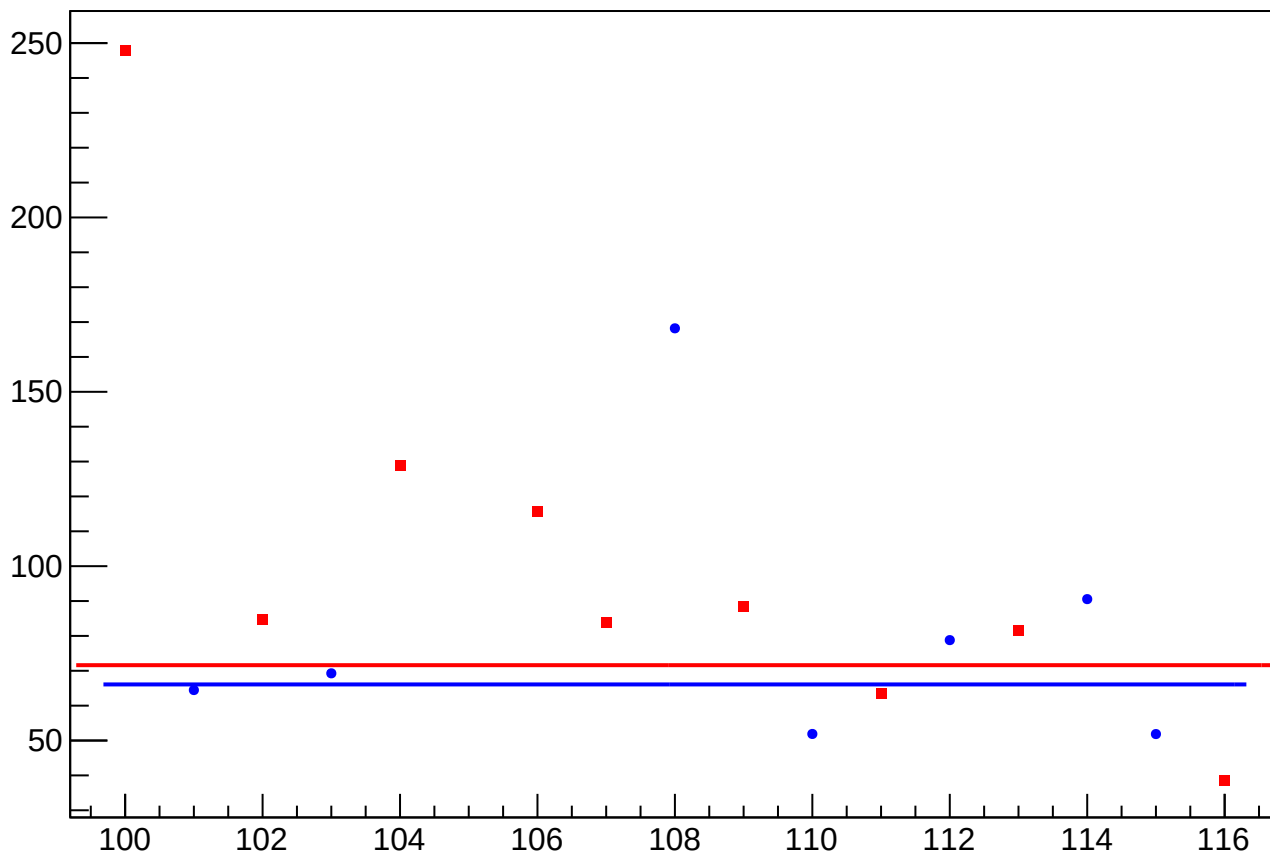
Right: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

In: 0.012 $\pm$ 0.045 χ^2 /NDF:4.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.087+/-0.032 χ^2/NDF : 361515.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.609+/-0.030 χ^2/NDF : 738873.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

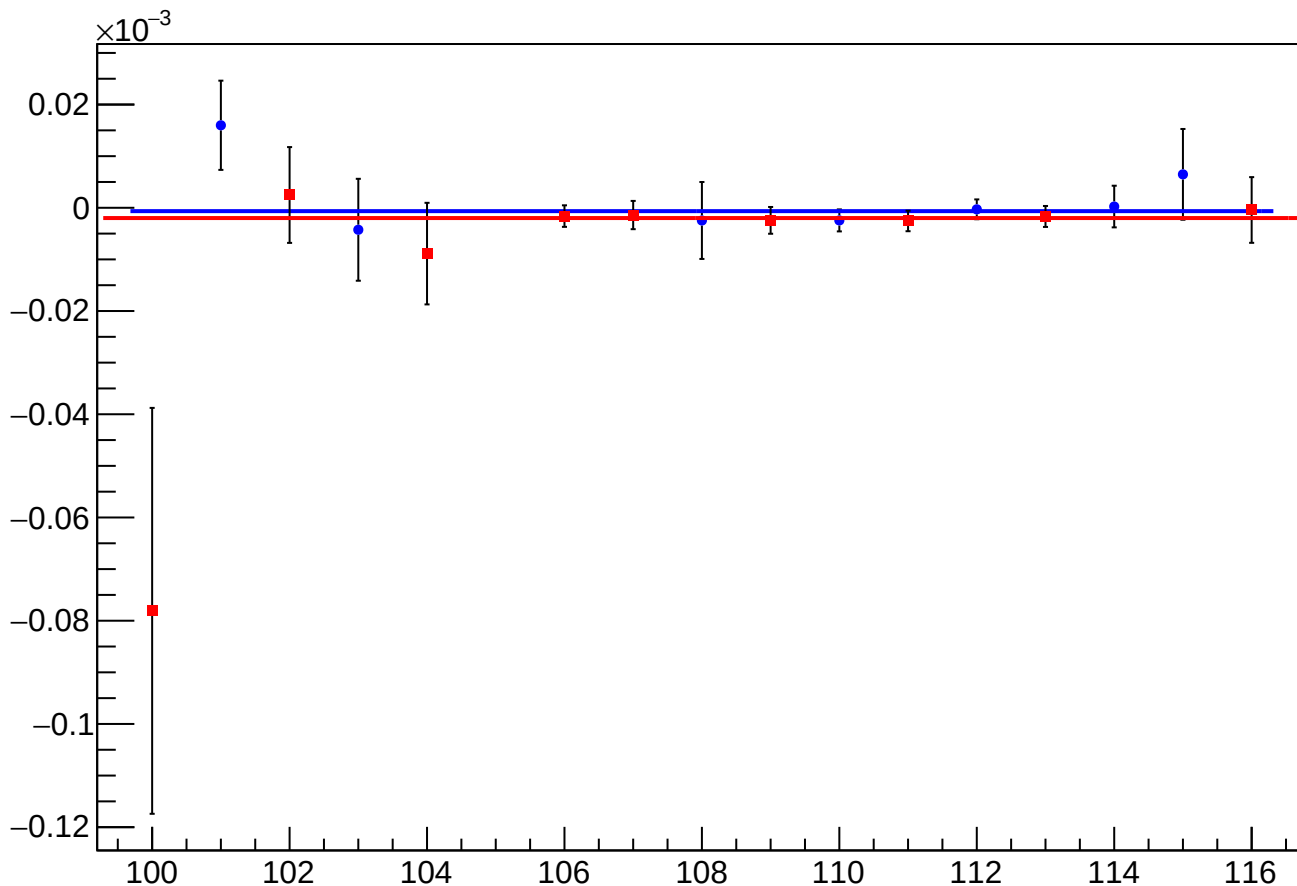
Right: 68.953+/-0.022 χ^2/NDF : 1116198.1/15

In: 66.087+/-0.032 χ^2/NDF : 361515.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.953+/-0.022 χ^2/NDF : 1116198.1/15

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

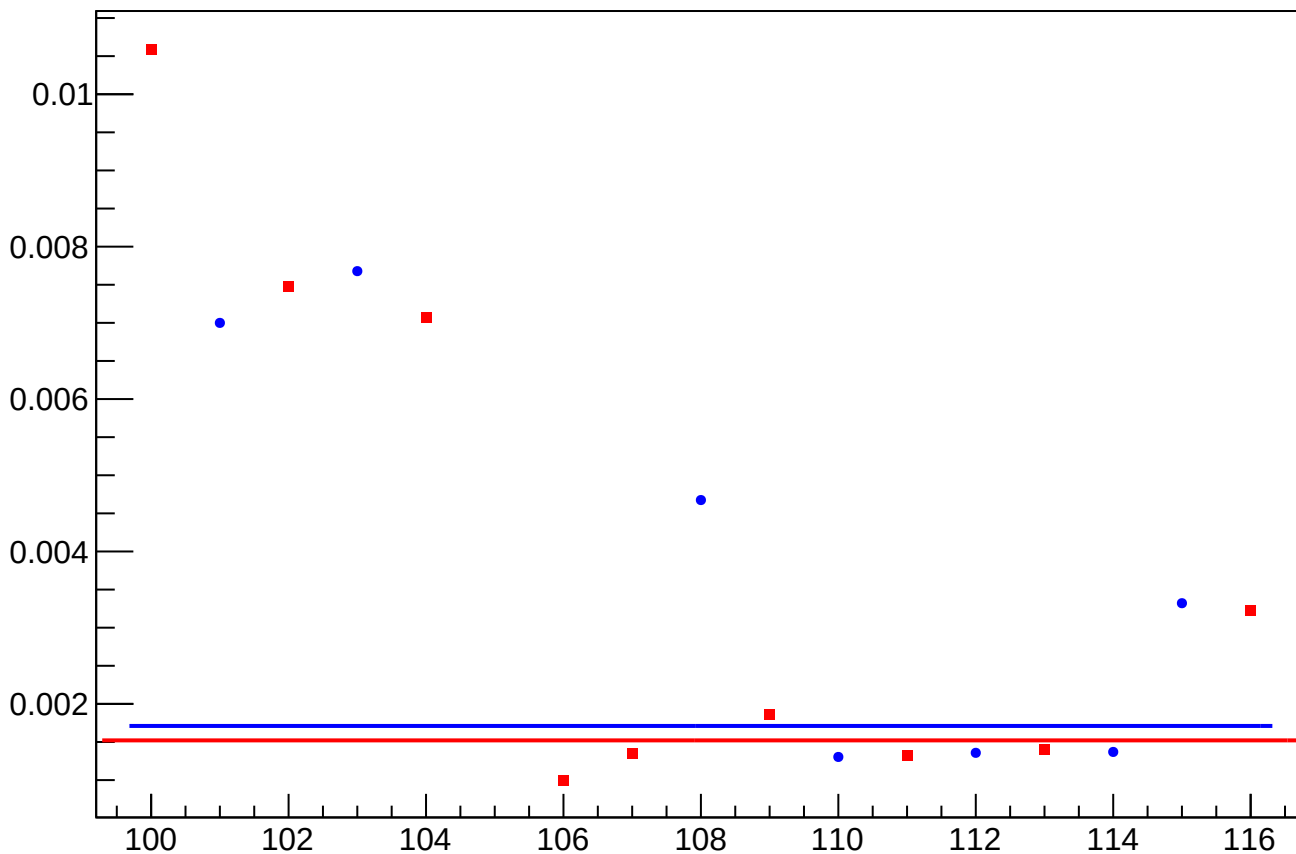
Right: -0.000+/-0.000 χ^2/NDF : 10.8/15

In: -0.000+/-0.000 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/15

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2018191.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1903607.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

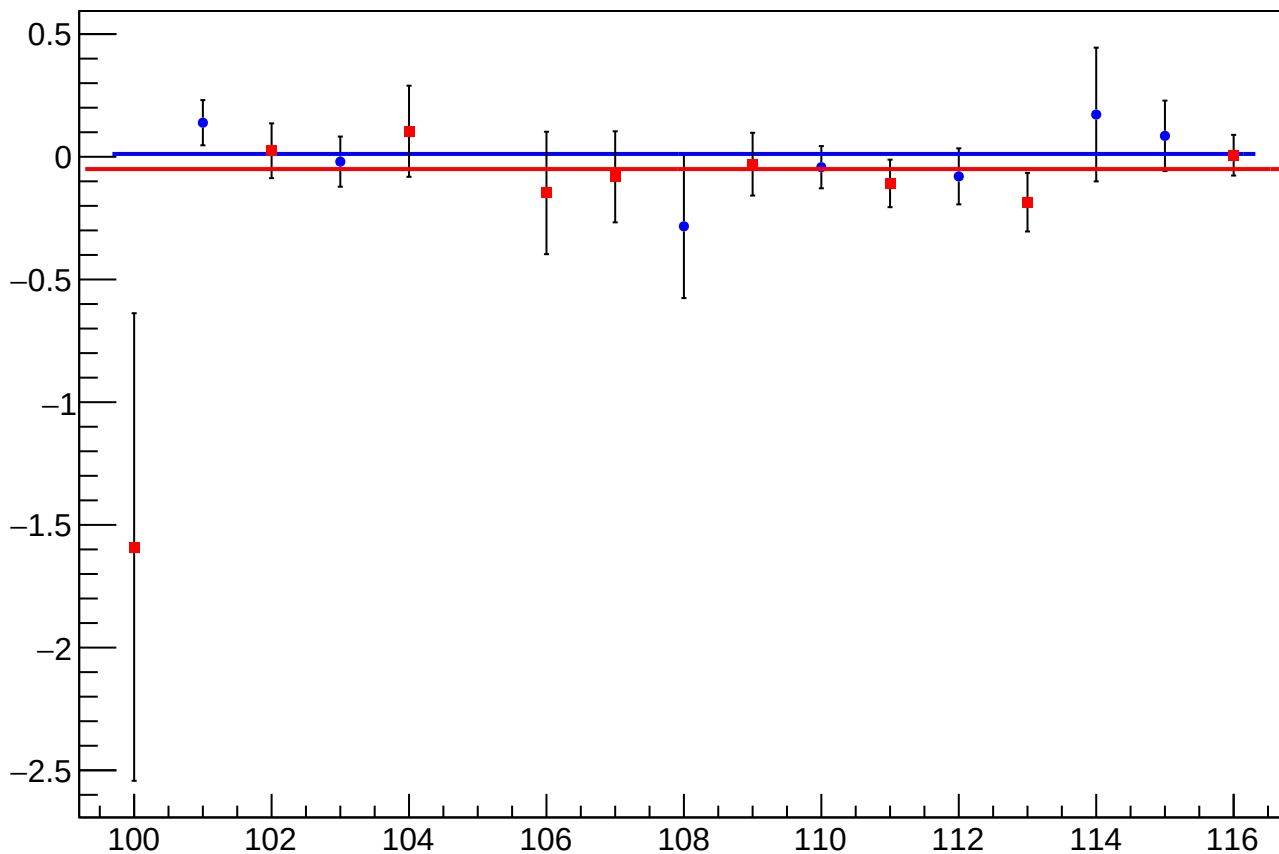
Right: 0.002+/-0.000 χ^2/NDF : 3949480.9/15

In: 0.002+/-0.000 χ^2/NDF : 2018191.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3949480.9/15

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.045 χ^2 /NDF: 4.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

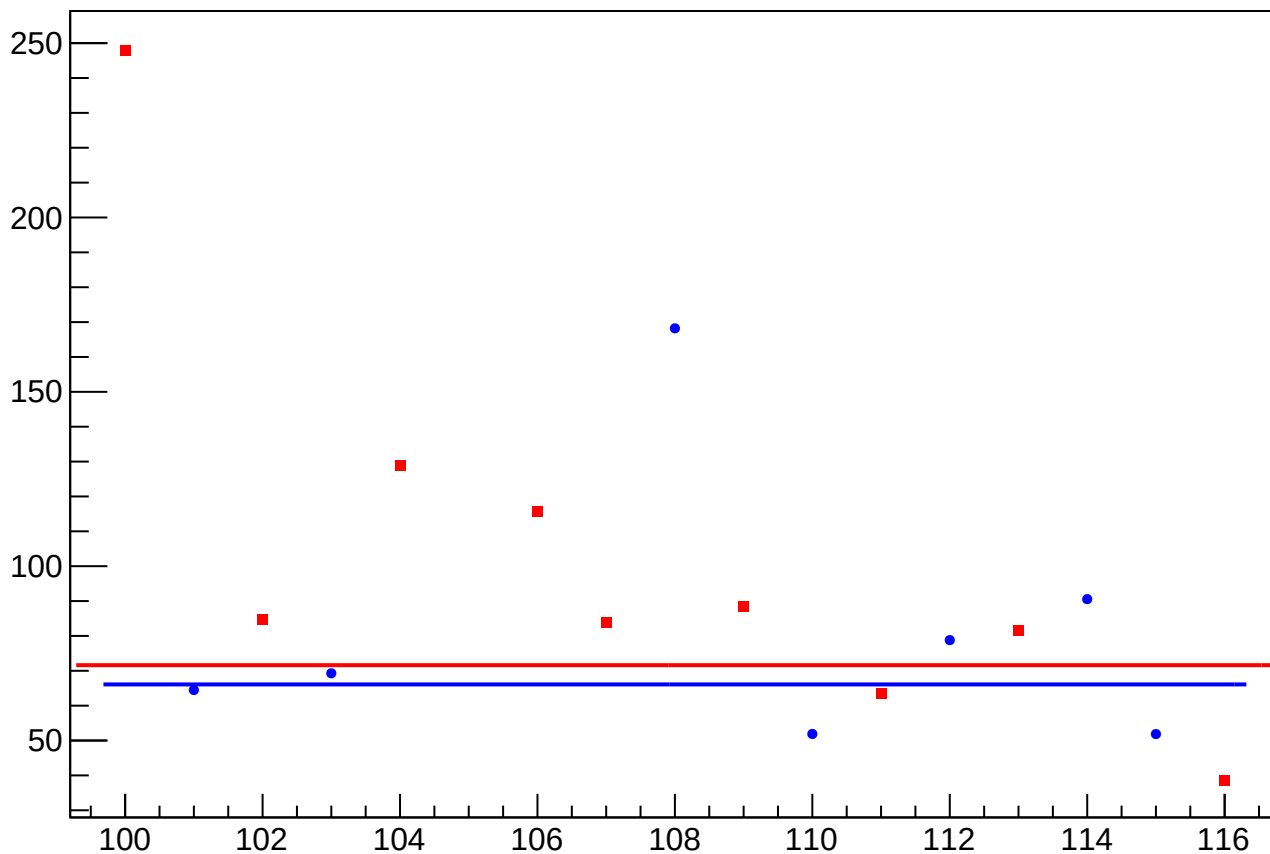
Right: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

In: 0.012 $\pm$ 0.045 χ^2 /NDF:4.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.090+/-0.032 χ^2/NDF : 361512.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.611+/-0.030 χ^2/NDF : 738915.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

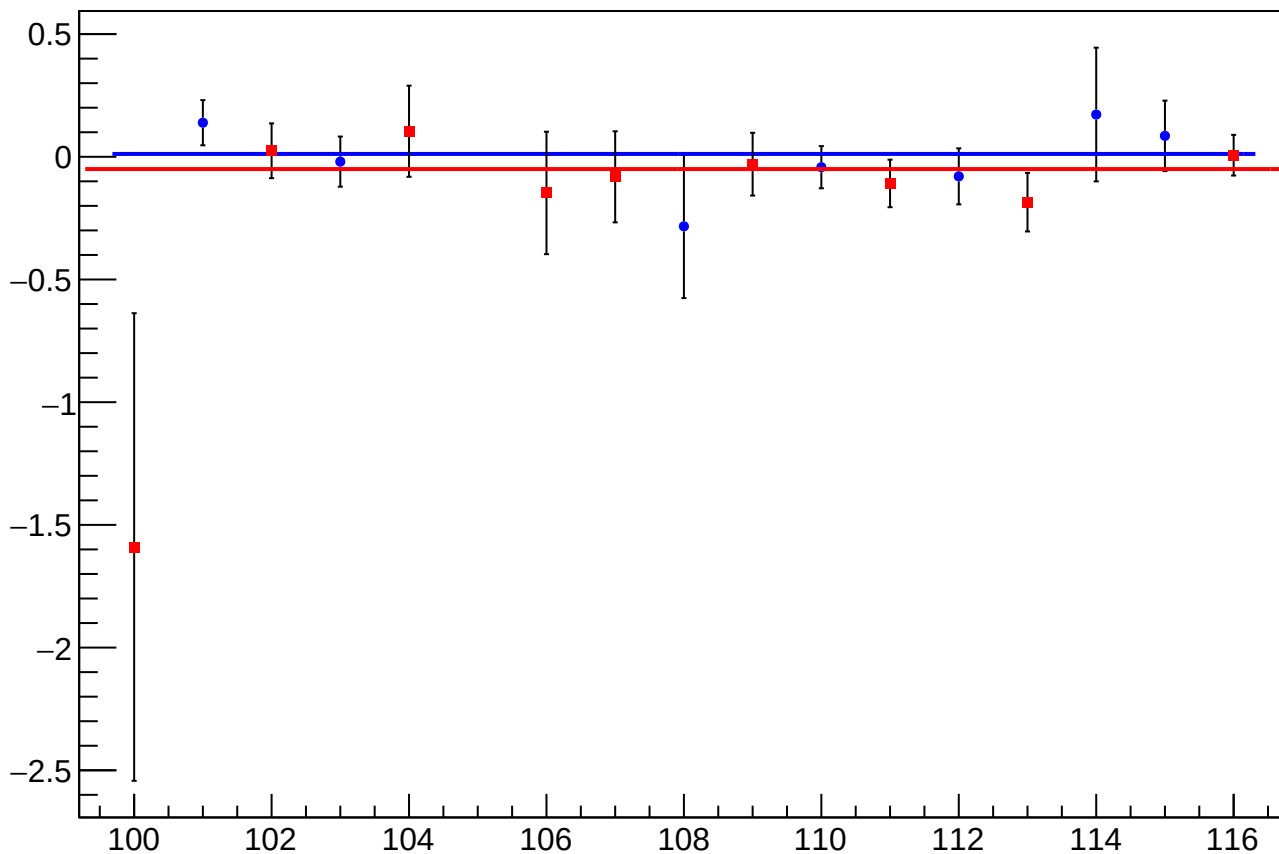
Right: 68.956+/-0.022 χ^2/NDF : 1116229.3/15

In: 66.090+/-0.032 χ^2/NDF : 361512.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.956+/-0.022 χ^2/NDF : 1116229.3/15

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.045 χ^2 /NDF: 4.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

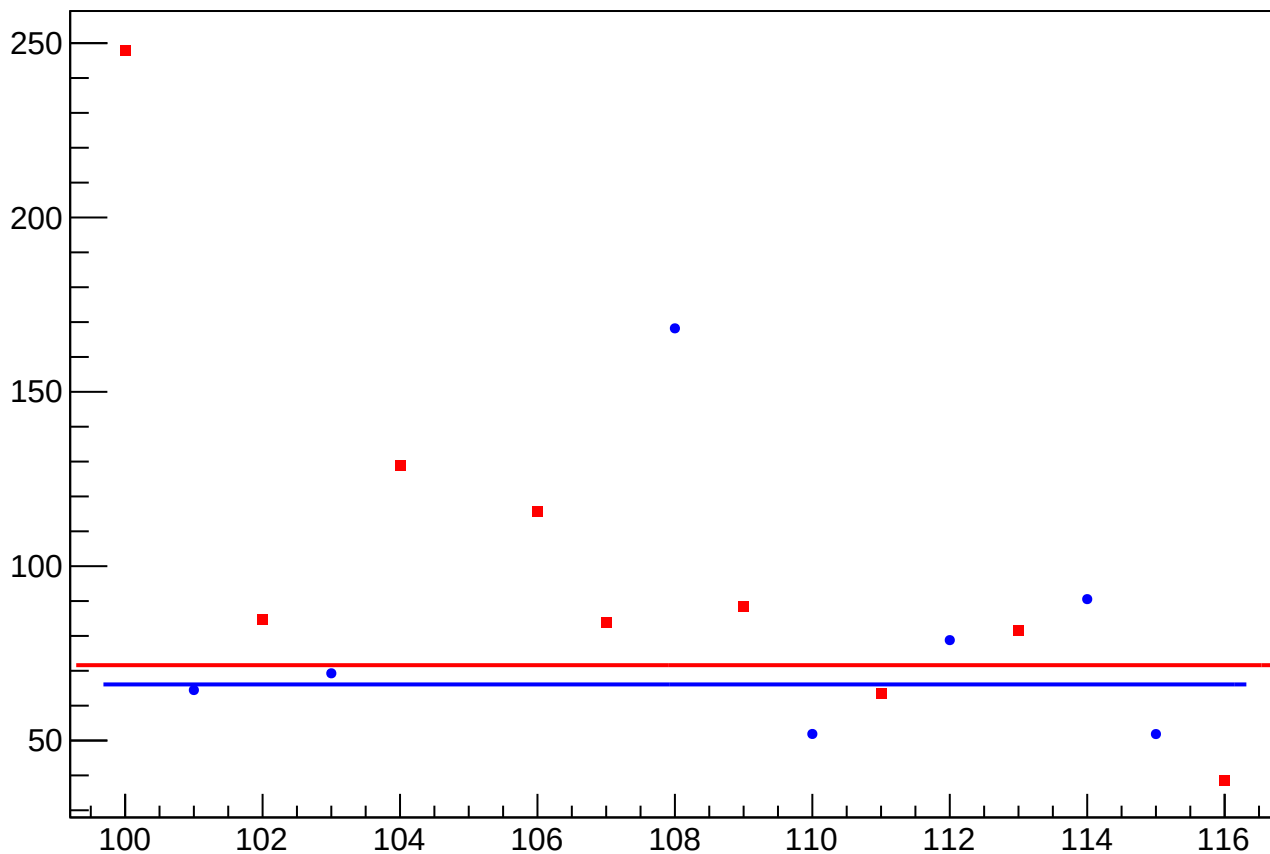
Right: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

In: 0.012 $\pm$ 0.045 χ^2 /NDF:4.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.031 χ^2 /NDF: 11.7/15

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.090+/-0.032 χ^2/NDF : 361512.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.611+/-0.030 χ^2/NDF : 738915.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

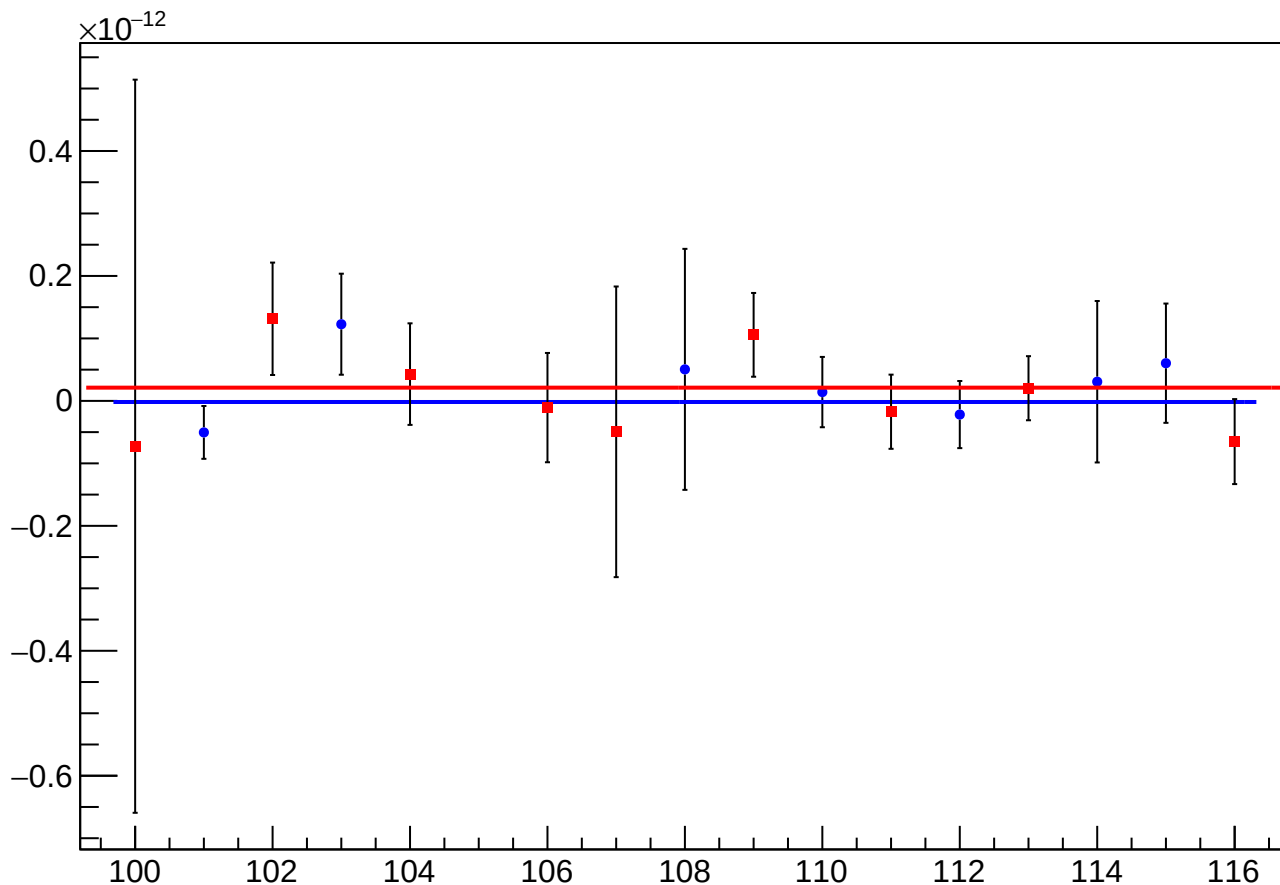
Right: 68.956+/-0.022 χ^2/NDF : 1116229.3/15

In: 66.090+/-0.032 χ^2/NDF : 361512.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.956+/-0.022 χ^2/NDF : 1116229.3/15

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 4.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 5.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

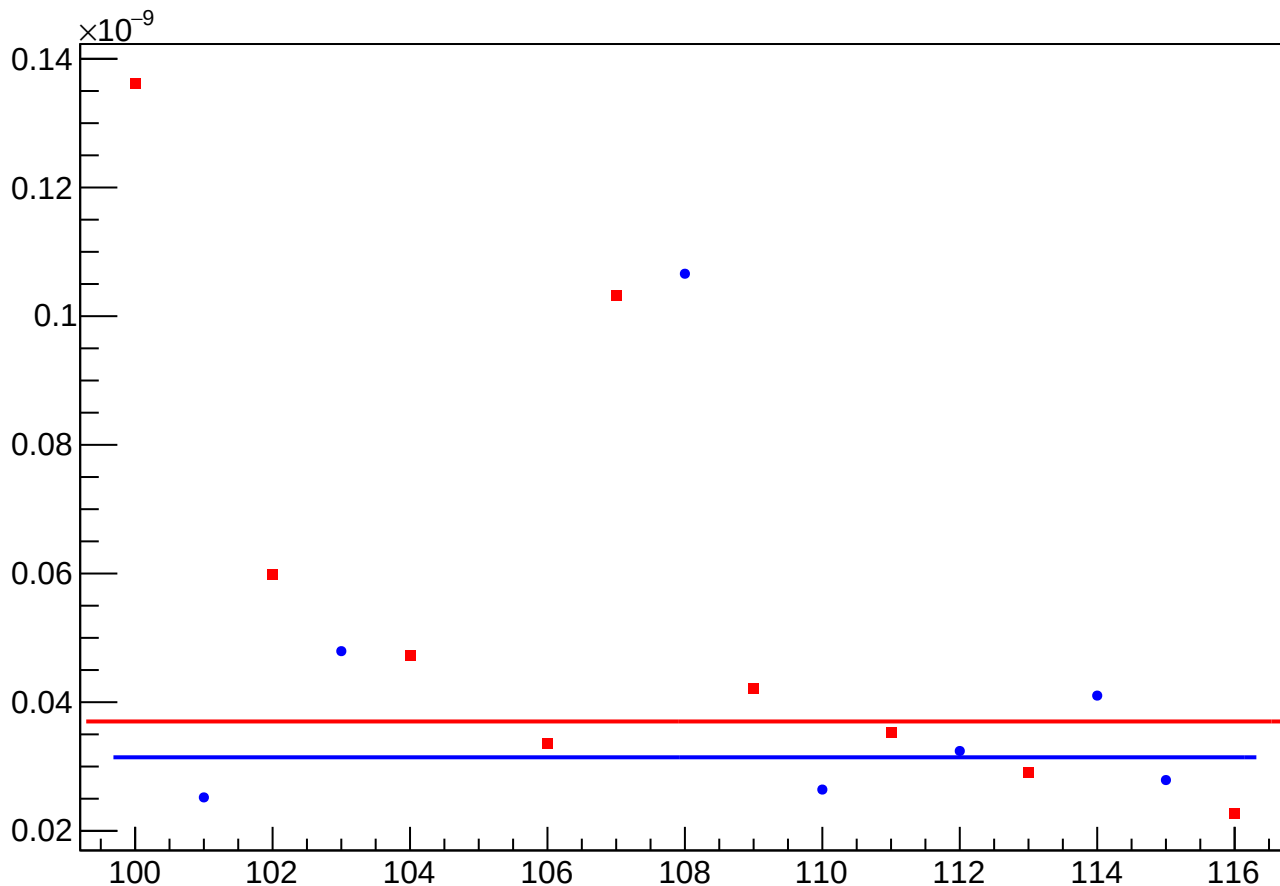
Right: 0.000 ± 0.000 χ^2/NDF : 10.3/15

In: -0.000 ± 0.000 χ^2/NDF : 4.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 10.3/15

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 460759.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 532394.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

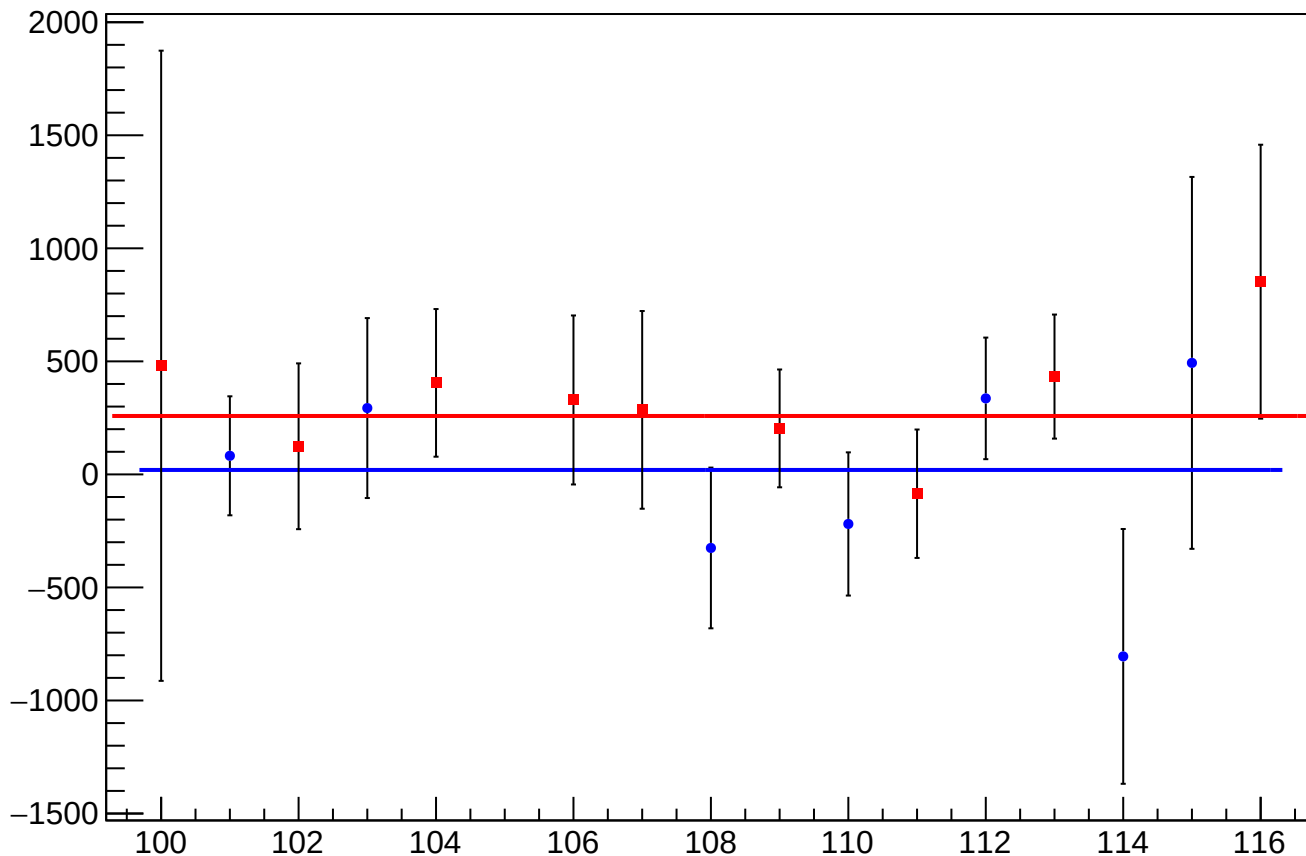
Right: 0.000+/-0.000 χ^2/NDF : 1041240.0/15

In: 0.000+/-0.000 χ^2/NDF : 460759.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1041240.0/15

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 19.680+/-132.344 χ^2/NDF : 5.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.406+/-117.160 χ^2/NDF : 3.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

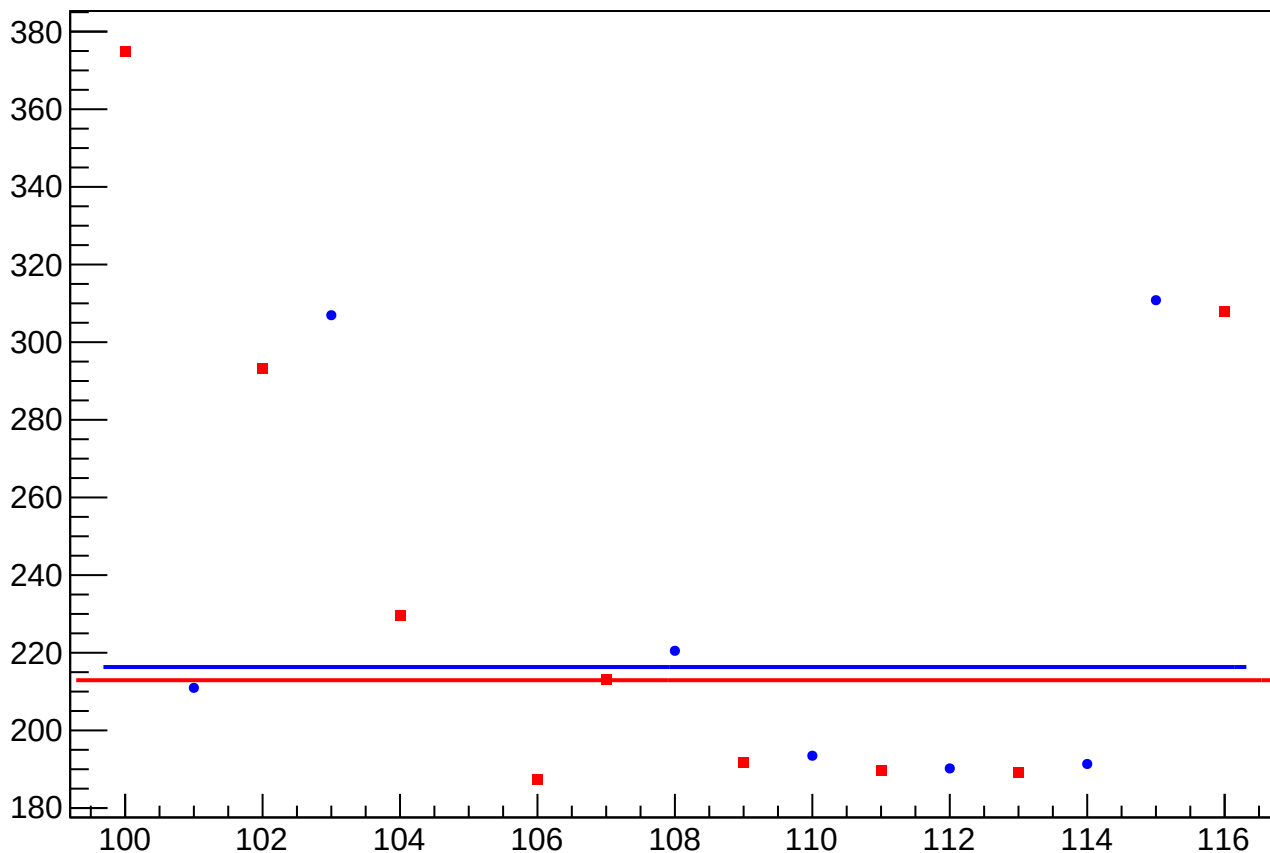
Right: 153.518+/-87.724 χ^2/NDF : 11.0/15

In: 19.680+/-132.344 χ^2/NDF : 5.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.518+/-87.724 χ^2/NDF : 11.0/15

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 216.326+/-0.094 χ^2/NDF : 164410.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.929+/-0.083 χ^2/NDF : 228114.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

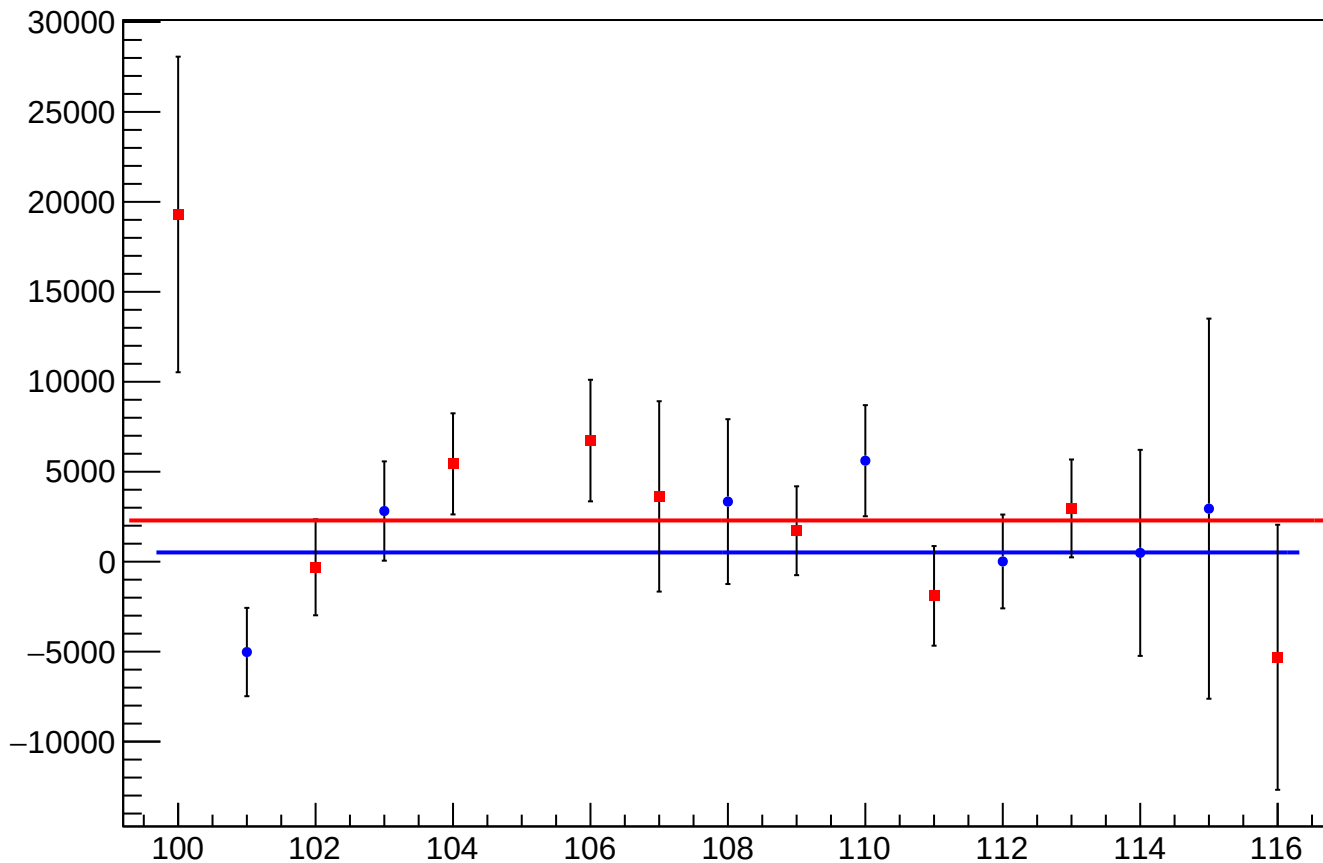
Right: 214.421+/-0.062 χ^2/NDF : 393264.1/15

In: 216.326+/-0.094 χ^2/NDF : 164410.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.421+/-0.062 χ^2/NDF : 393264.1/15

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 513.543+/-1253.615 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.218+/-1083.665 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

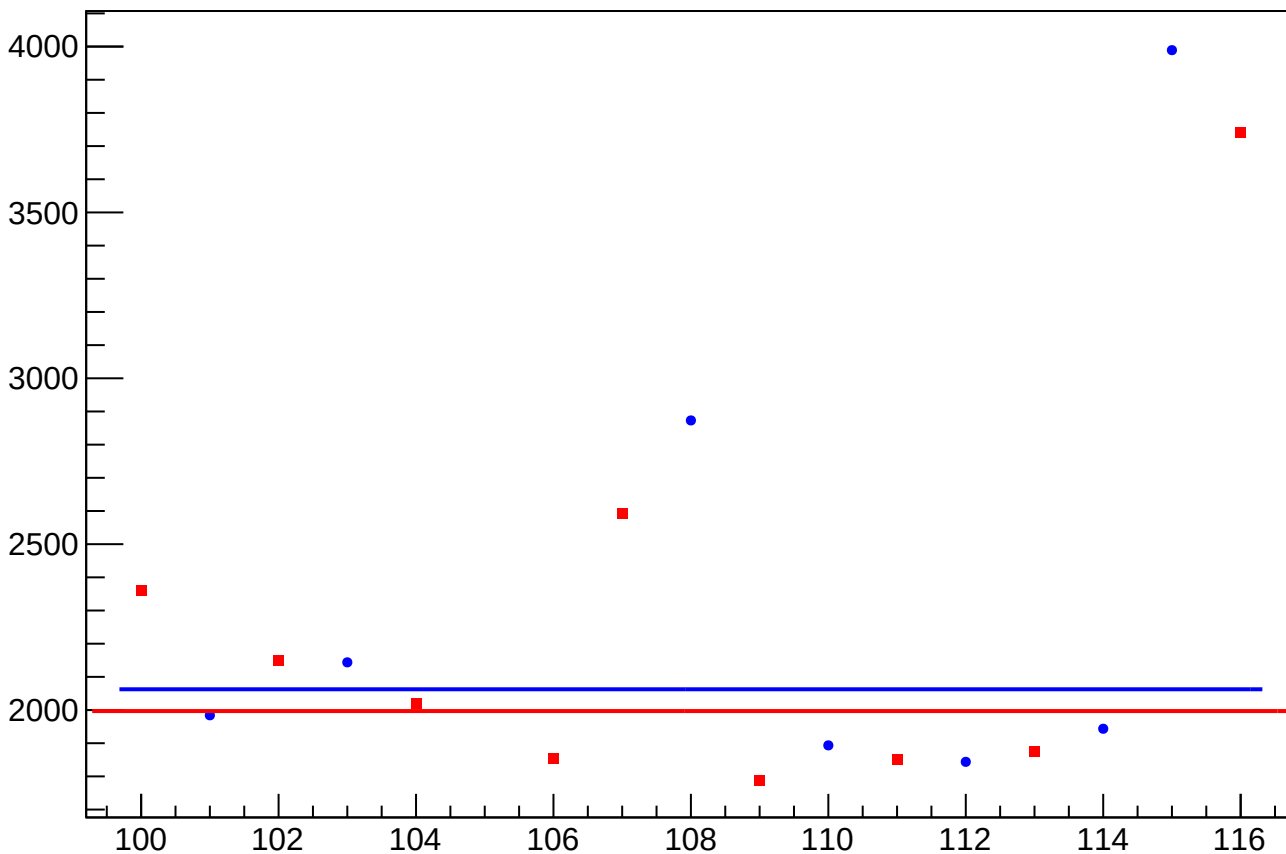
Right: 1530.960+/-819.820 χ^2/NDF : 21.4/15

In: 513.543+/-1253.615 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.960+/-819.820 χ^2/NDF : 21.4/15

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2062.582+/-0.886 χ^2/NDF : 153822.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1996.947+/-0.766 χ^2/NDF : 174911.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

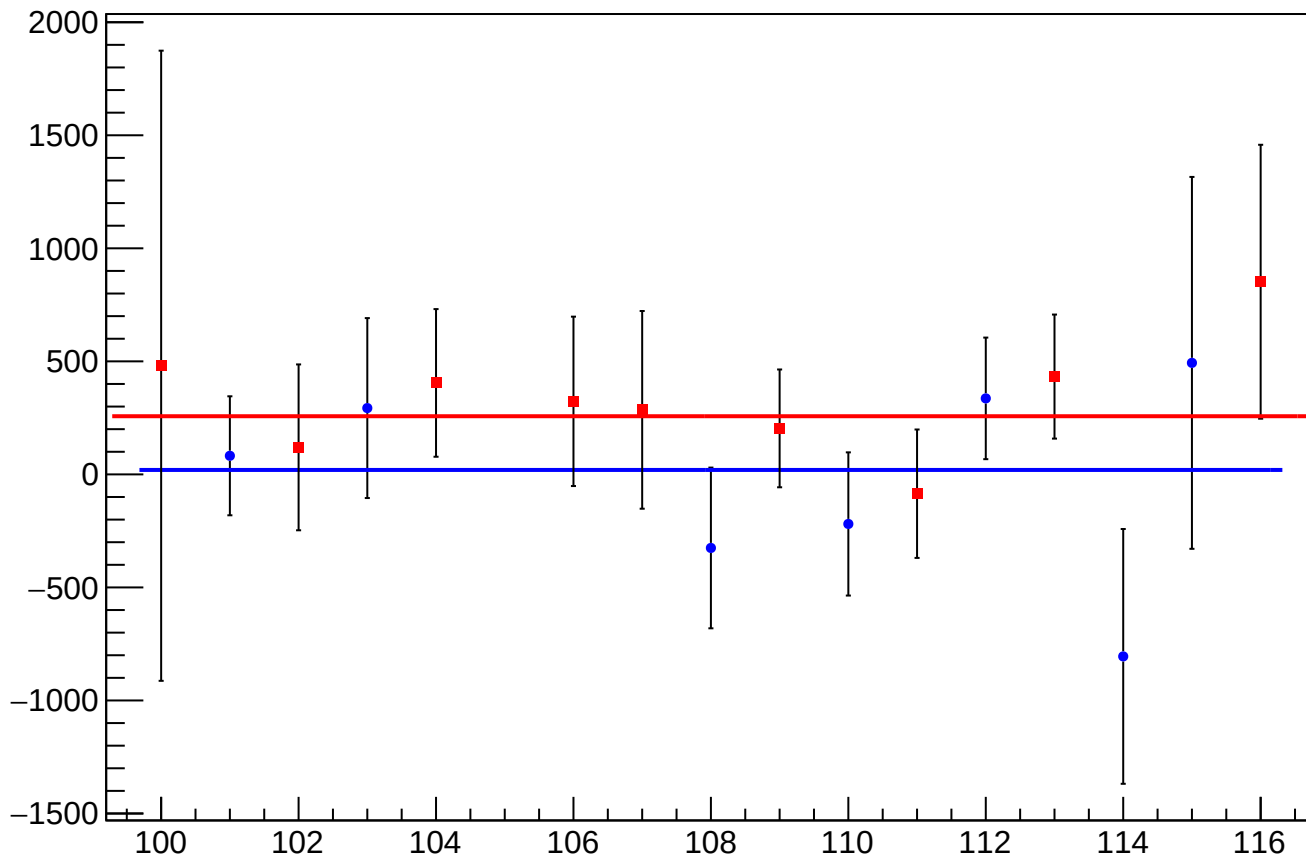
Right: 2025.017+/-0.580 χ^2/NDF : 331871.7/15

In: 2062.582+/-0.886 χ^2/NDF : 153822.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2025.017+/-0.580 χ^2/NDF : 331871.7/15

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 19.636 $\pm$ 132.345 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 257.255 $\pm$ 117.192 χ^2 /NDF: 3.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

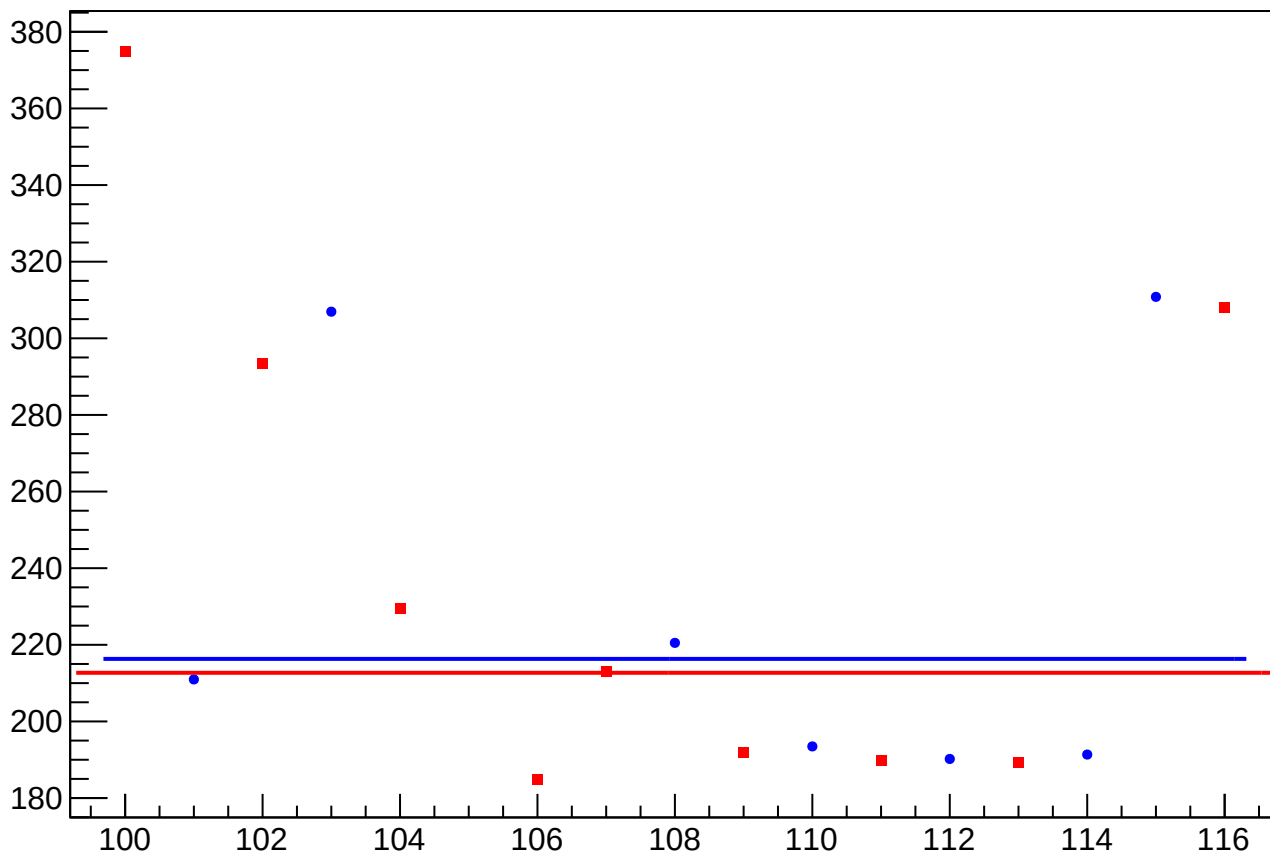
Right: 152.821 $\pm$ 87.738 χ^2 /NDF: 11.0/15

In: 19.636 $\pm$ 132.345 χ^2 /NDF:5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.821 $\pm$ 87.738 χ^2 /NDF: 11.0/15

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 216.326+/-0.094 χ^2/NDF : 164413.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.700+/-0.083 χ^2/NDF : 230213.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

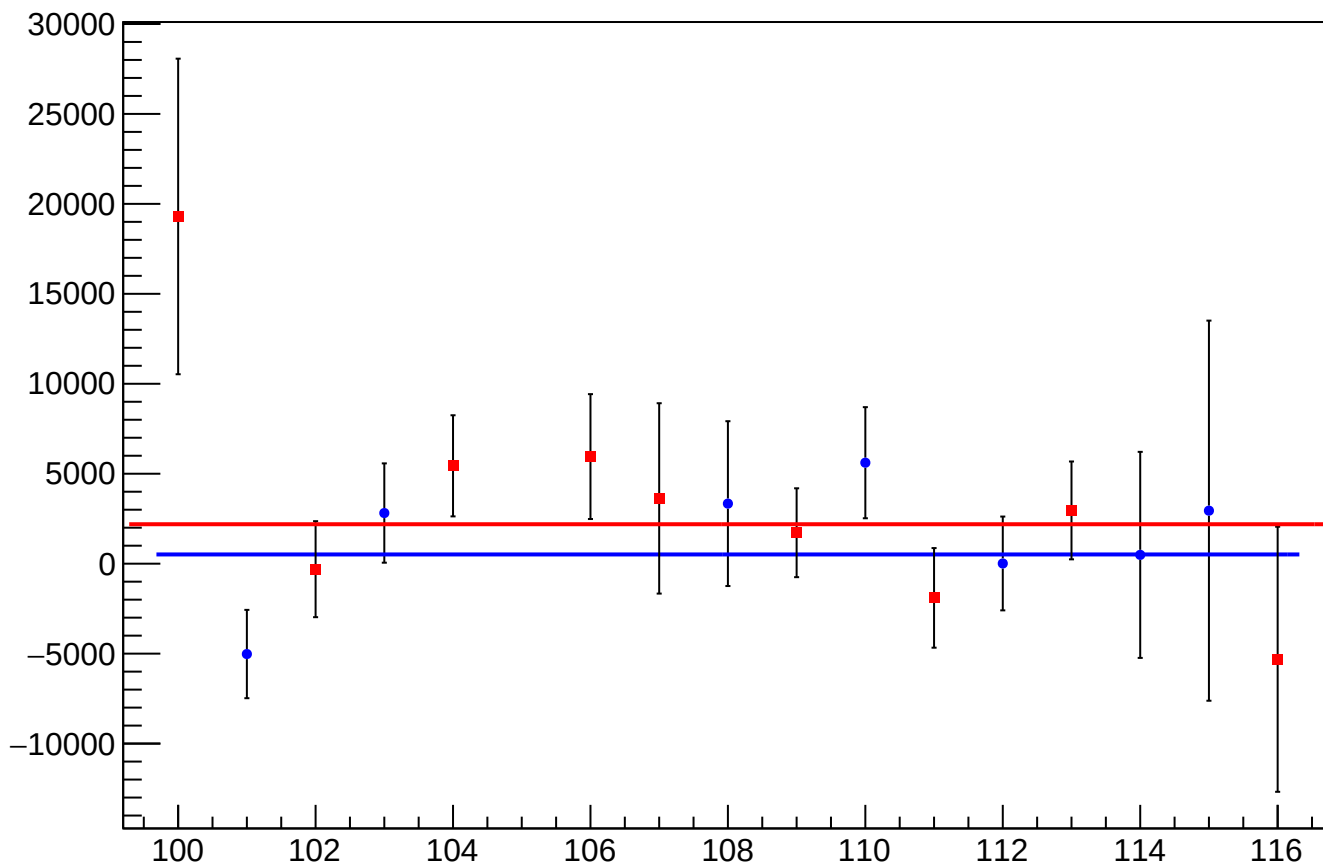
Right: 214.294+/-0.062 χ^2/NDF : 395468.6/15

In: 216.326+/-0.094 χ^2/NDF : 164413.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.294+/-0.062 χ^2/NDF : 395468.6/15

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 513.253+/-1253.635 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.771+/-1086.680 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

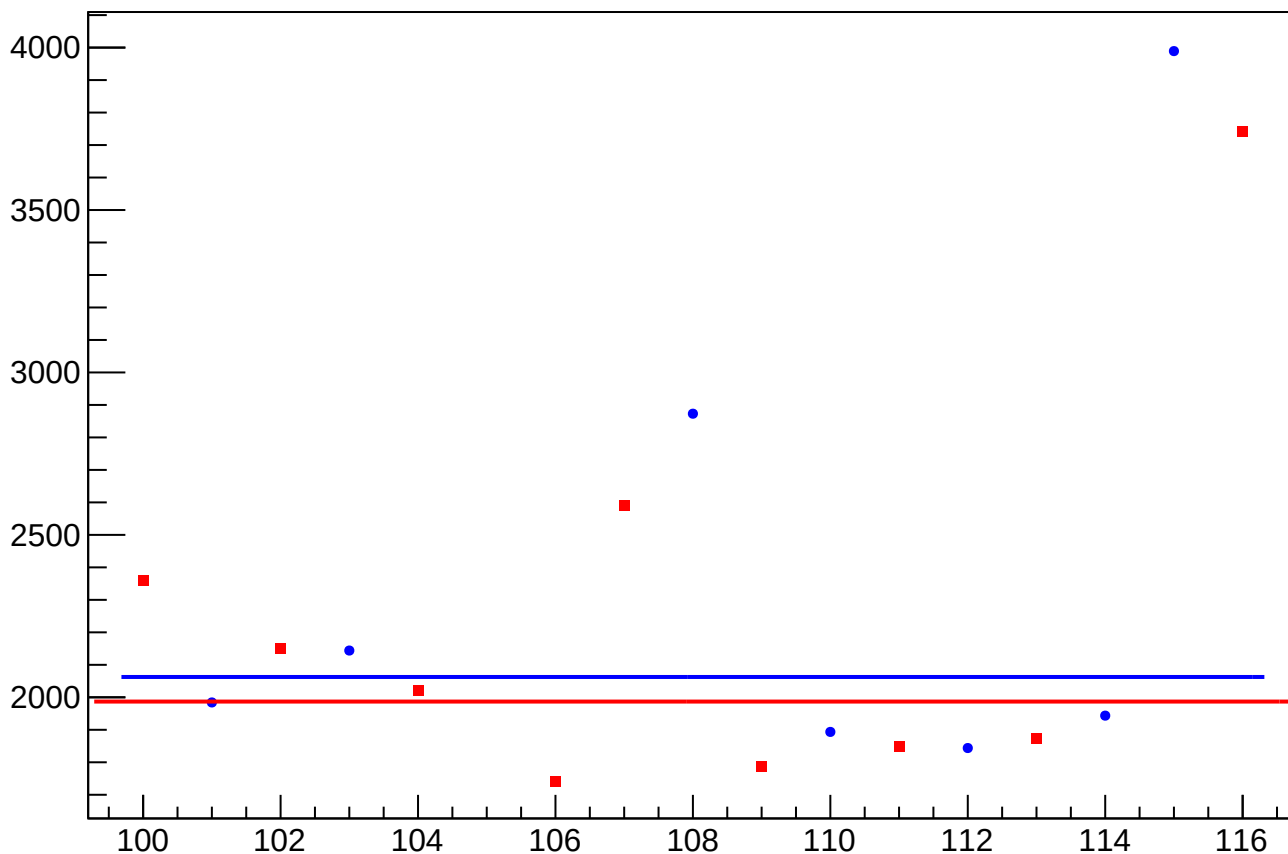
Right: 1472.220+/-821.128 χ^2/NDF : 20.6/15

In: 513.253+/-1253.635 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1472.220+/-821.128 χ^2/NDF : 20.6/15

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2062.613+/-0.886 χ^2/NDF : 153828.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1986.910+/-0.768 χ^2/NDF : 181997.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

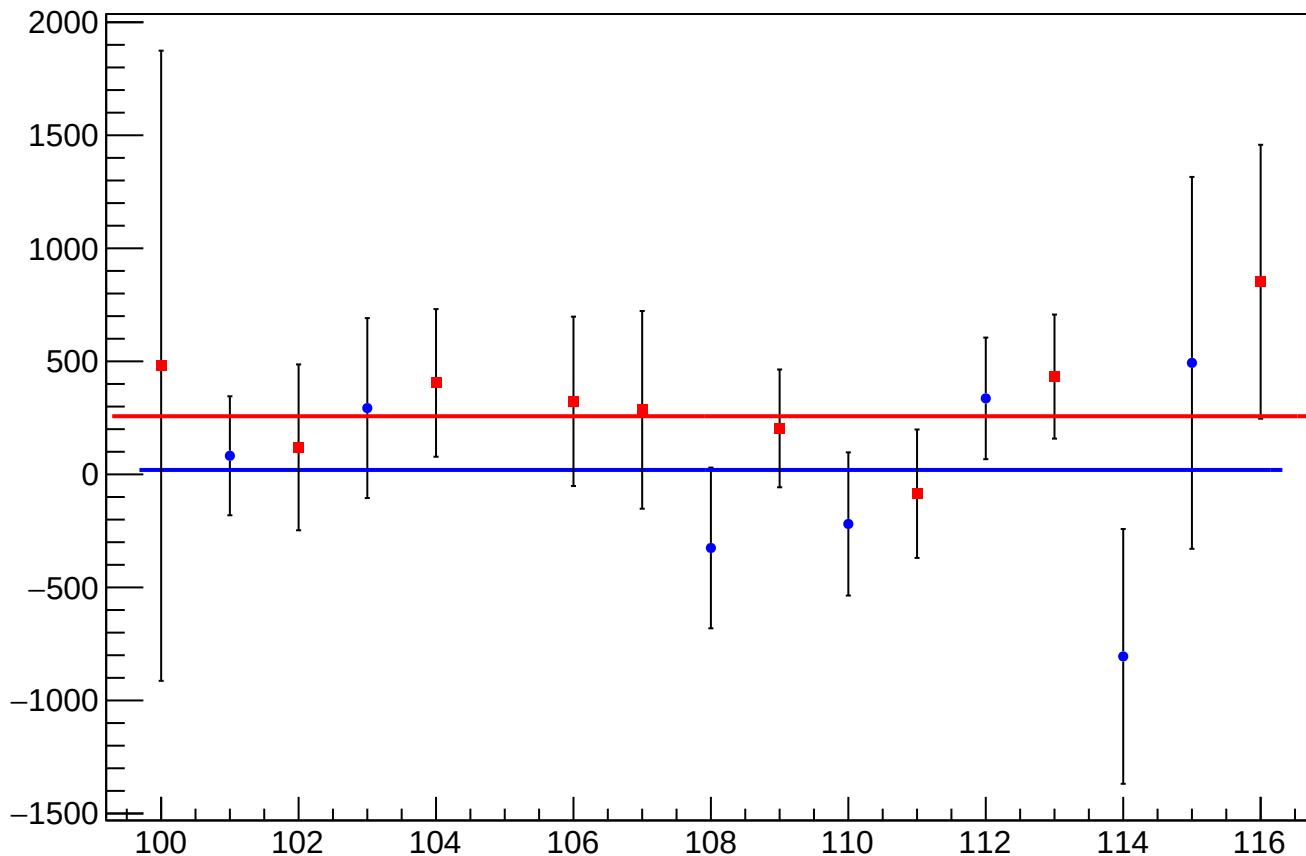
Right: 2019.388+/-0.581 χ^2/NDF : 339989.9/15

In: 2062.613+/-0.886 χ^2/NDF : 153828.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2019.388+/-0.581 χ^2/NDF : 339989.9/15

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 19.636 $\pm$ 132.345 χ^2 /NDF: 5.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 257.255 $\pm$ 117.192 χ^2 /NDF: 3.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

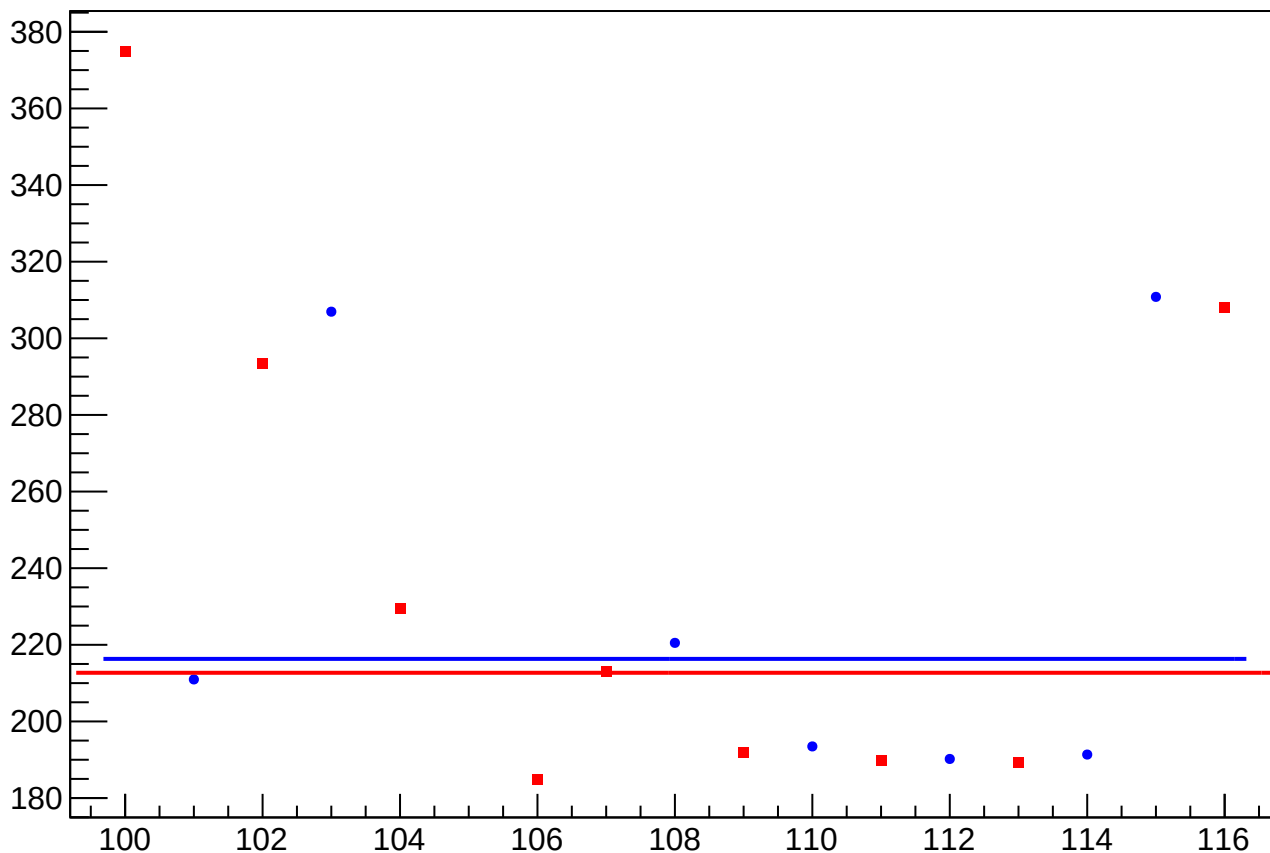
Right: 152.821 $\pm$ 87.738 χ^2 /NDF: 11.0/15

In: 19.636 $\pm$ 132.345 χ^2 /NDF: 5.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.821 $\pm$ 87.738 χ^2 /NDF: 11.0/15

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 216.326+/-0.094 χ^2/NDF : 164413.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.700+/-0.083 χ^2/NDF : 230213.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

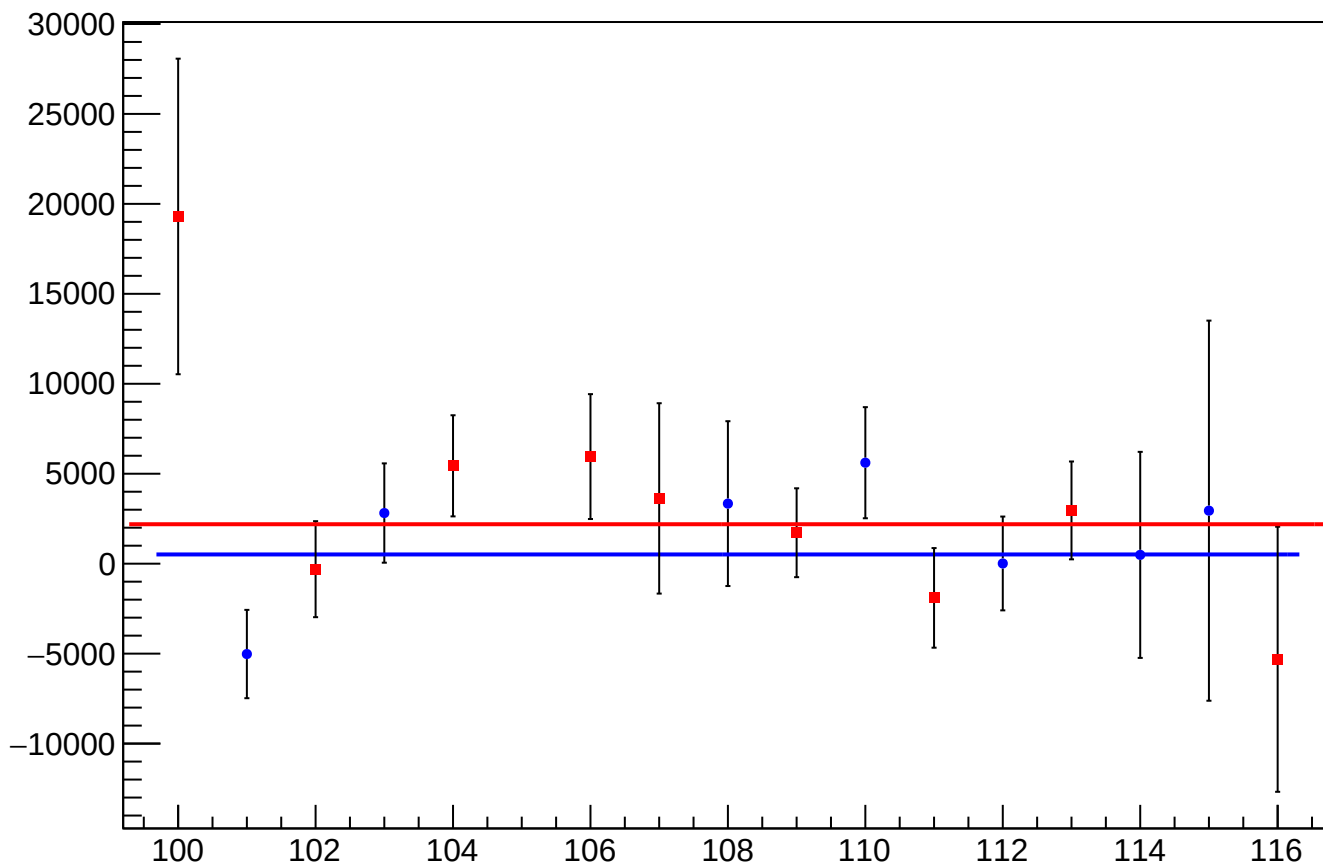
Right: 214.294+/-0.062 χ^2/NDF : 395468.6/15

In: 216.326+/-0.094 χ^2/NDF : 164413.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.294+/-0.062 χ^2/NDF : 395468.6/15

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 513.253+/-1253.635 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.771+/-1086.680 χ^2/NDF : 10.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

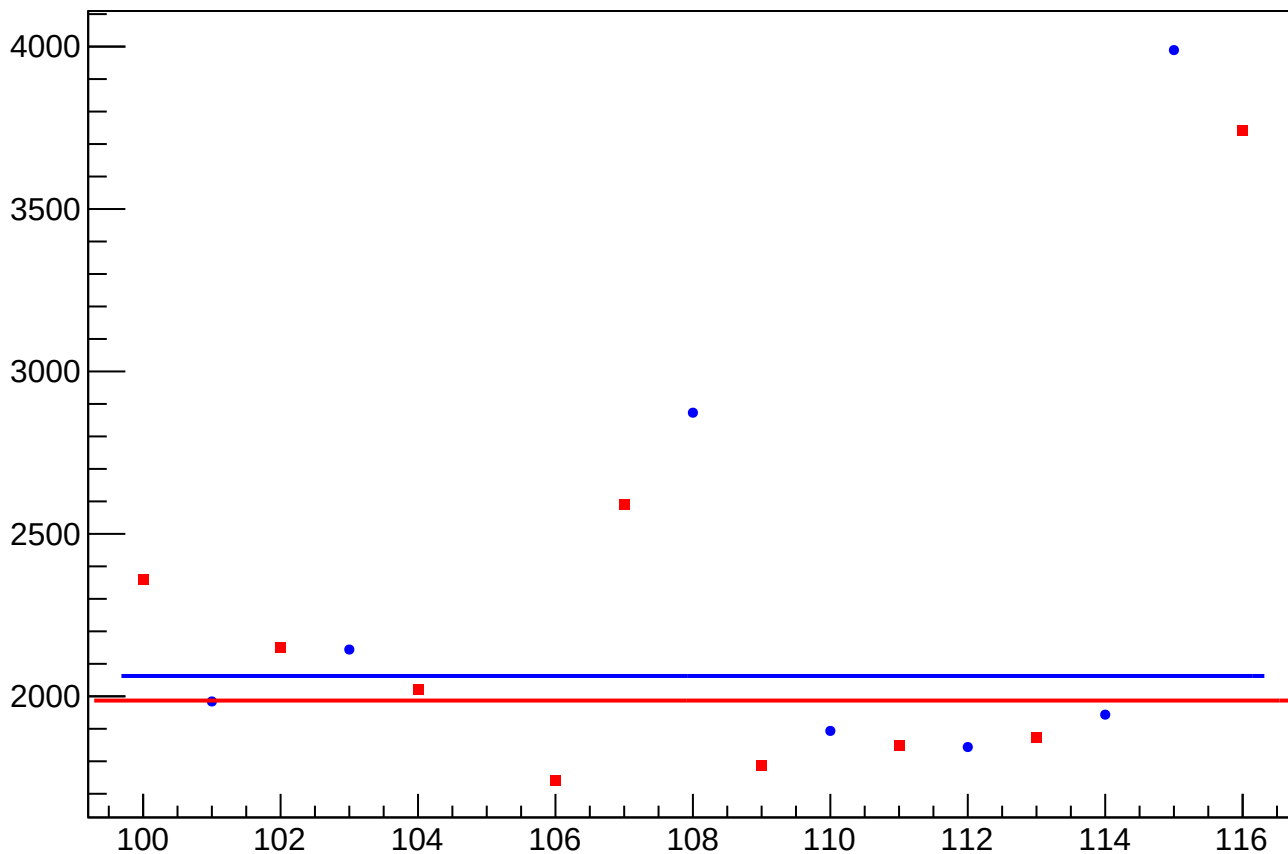
Right: 1472.220+/-821.128 χ^2/NDF : 20.6/15

In: 513.253+/-1253.635 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1472.220+/-821.128 χ^2/NDF : 20.6/15

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2062.613+/-0.886 χ^2/NDF : 153828.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1986.910+/-0.768 χ^2/NDF : 181997.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

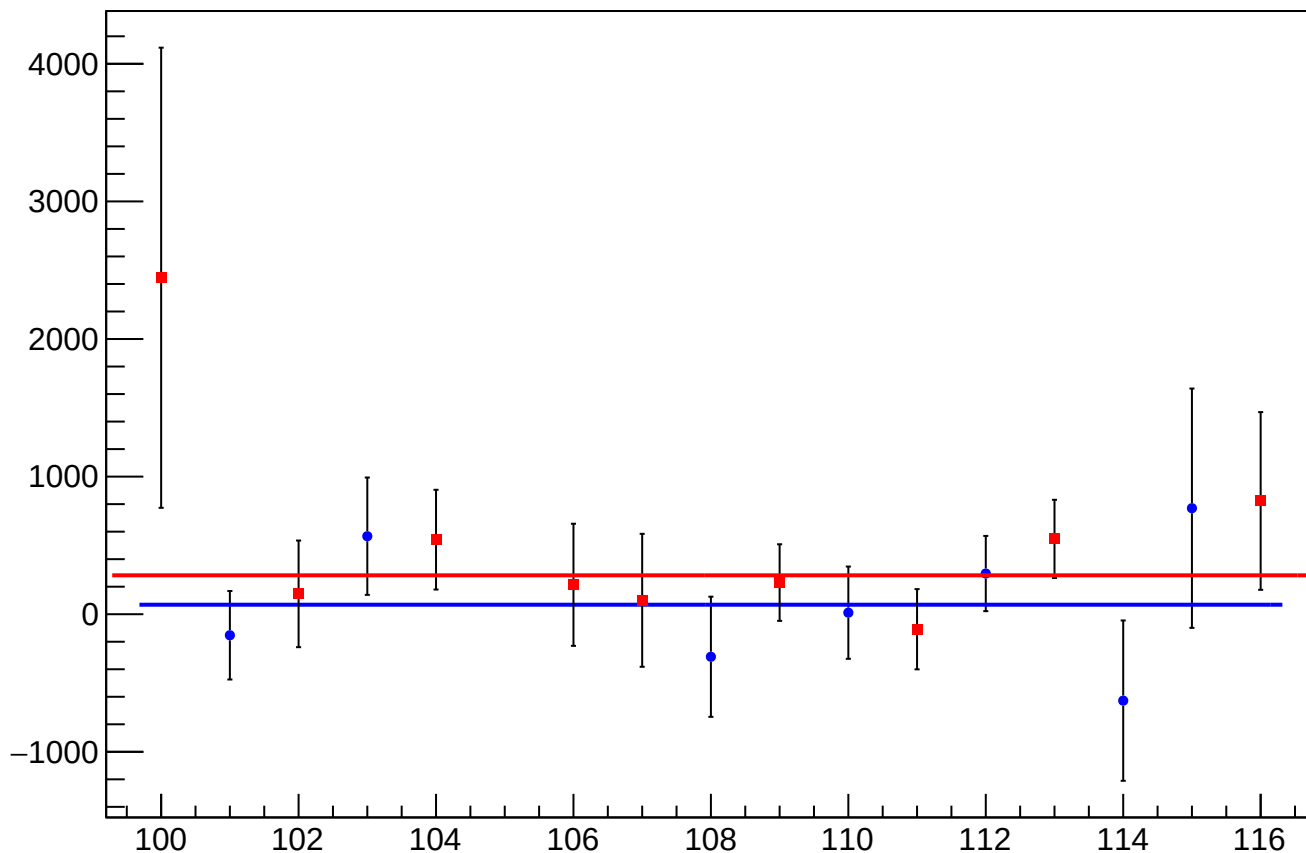
Right: 2019.388+/-0.581 χ^2/NDF : 339989.9/15

In: 2062.613+/-0.886 χ^2/NDF : 153828.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2019.388+/-0.581 χ^2/NDF : 339989.9/15

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 69.002+/-145.933 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 282.720+/-125.540 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

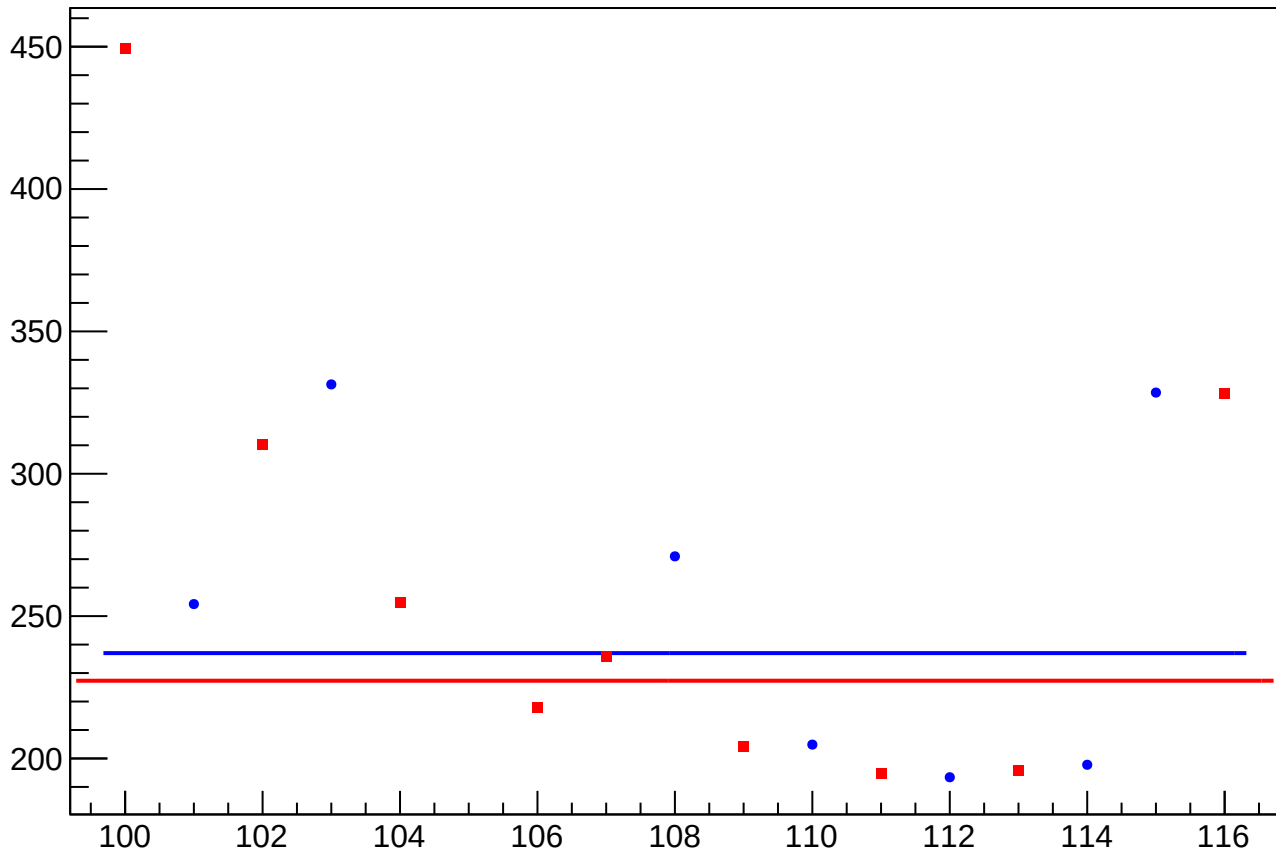
Right: 191.825+/-95.171 χ^2/NDF : 12.5/15

In: 69.002+/-145.933 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.825+/-95.171 χ^2/NDF : 12.5/15

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 237.005 $\pm$ 0.103 χ^2 /NDF: 216265.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 227.308 $\pm$ 0.089 χ^2 /NDF: 252276.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

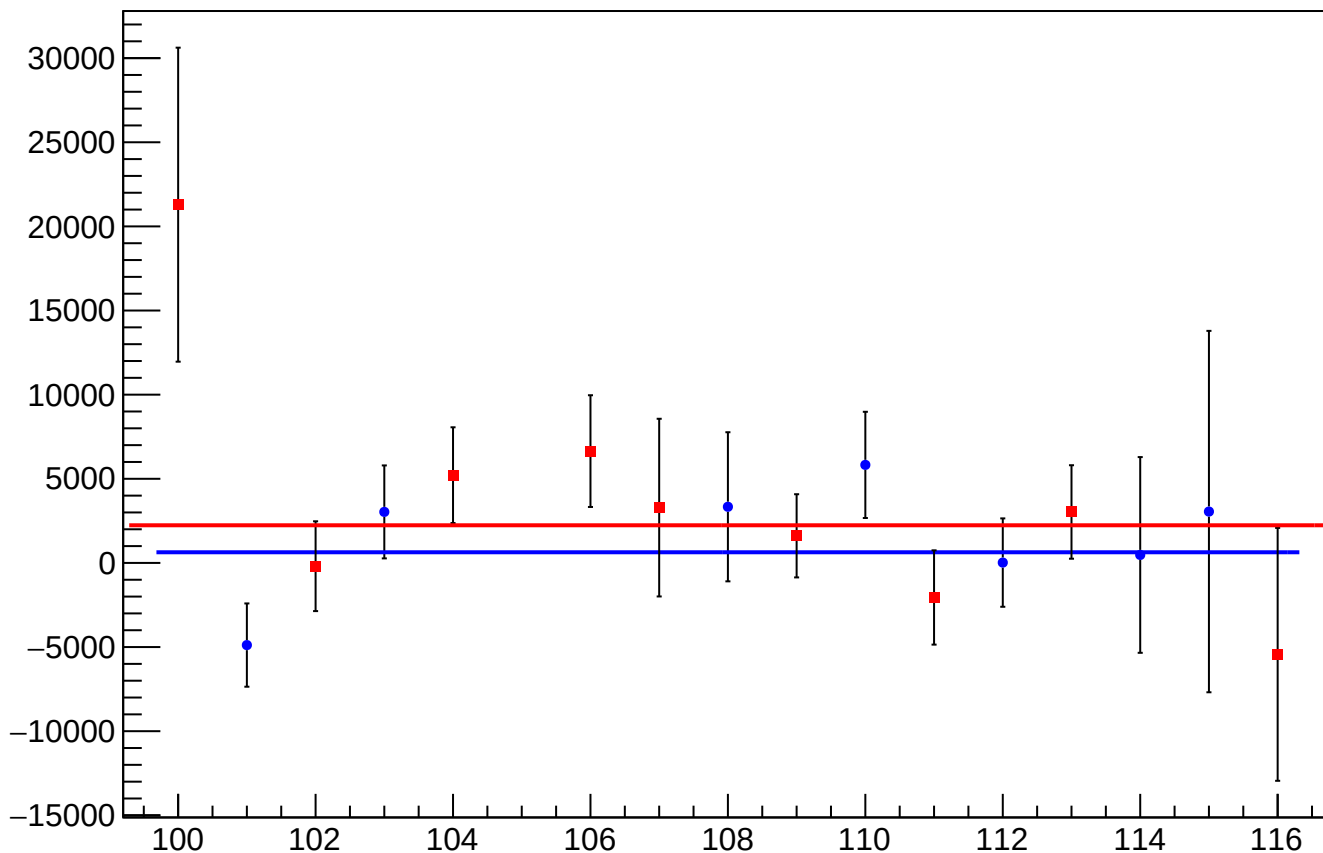
Right: 231.432 $\pm$ 0.067 χ^2 /NDF: 473616.4/15

In: 237.005 $\pm$ 0.103 χ^2 /NDF:216265.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 231.432 $\pm$ 0.067 χ^2 /NDF: 473616.4/15

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 633.211+/-1260.994 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2237.526+/-1090.855 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

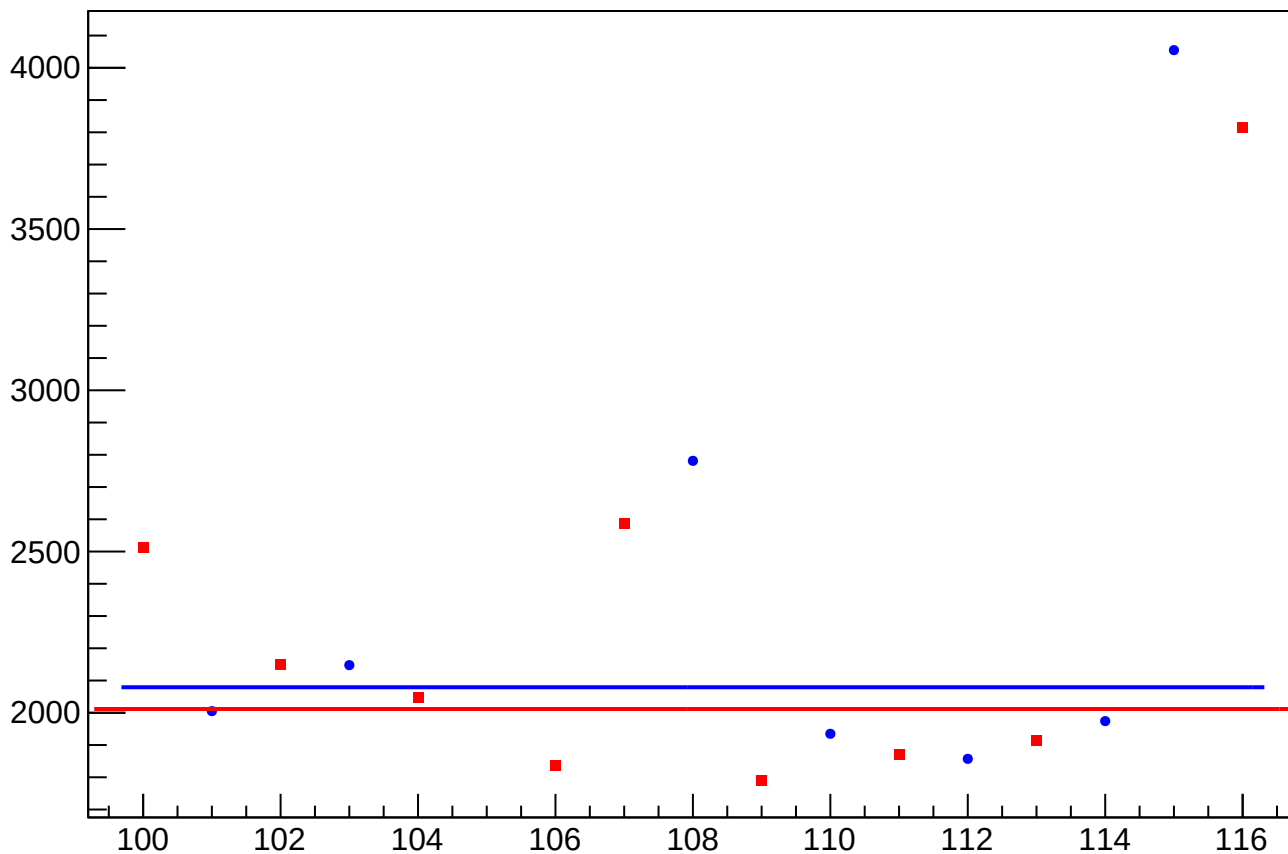
Right: 1550.825+/-824.996 χ^2/NDF : 21.3/15

In: 633.211+/-1260.994 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.825+/-824.996 χ^2/NDF : 21.3/15

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2079.155+/-0.892 χ^2/NDF : 140048.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2011.723+/-0.771 χ^2/NDF : 179556.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

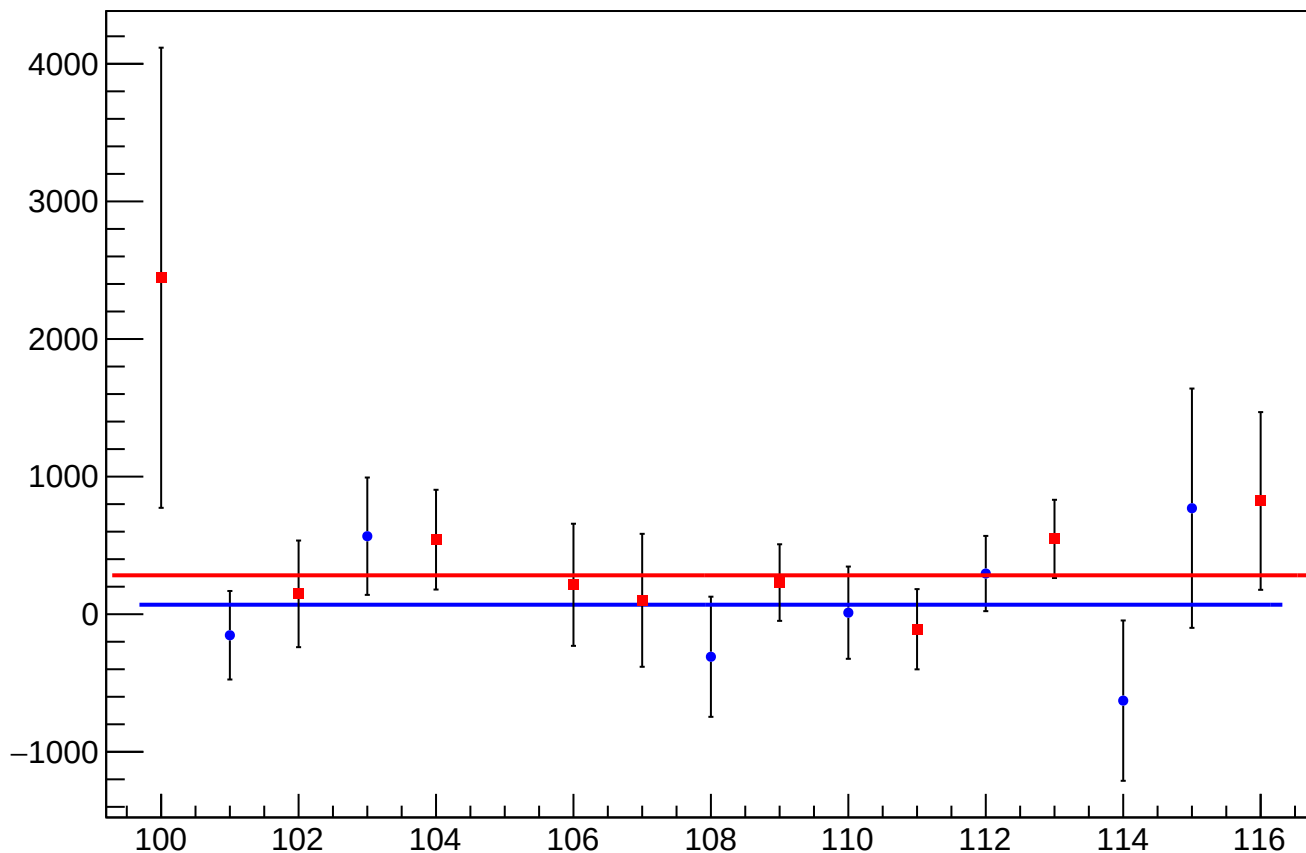
Right: 2040.586+/-0.583 χ^2/NDF : 322876.4/15

In: 2079.155+/-0.892 χ^2/NDF : 140048.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.586+/-0.583 χ^2/NDF : 322876.4/15

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 69.001 $\pm$ 145.933 χ^2 /NDF: 5.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 282.717 $\pm$ 125.540 χ^2 /NDF: 5.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

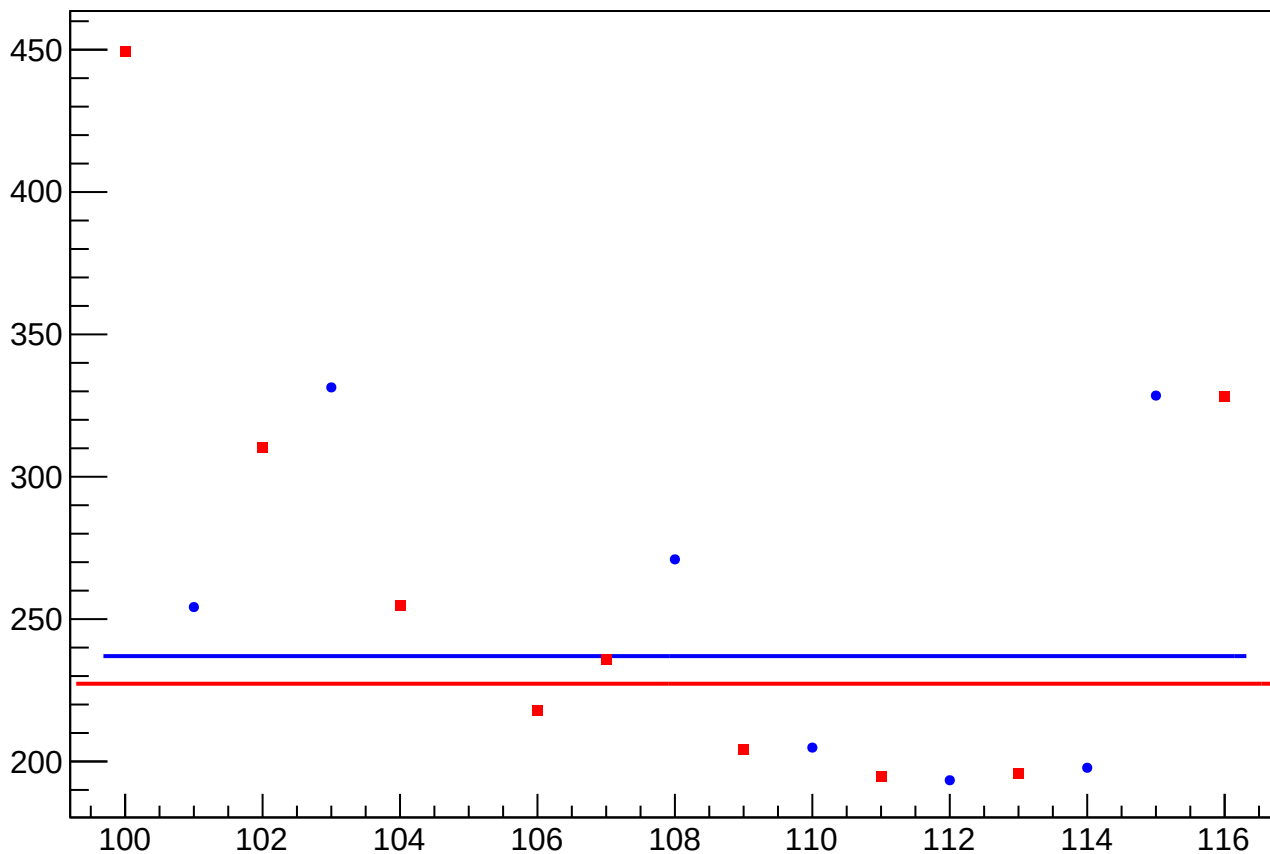
Right: 191.823 $\pm$ 95.171 χ^2 /NDF: 12.5/15

In: 69.001 $\pm$ 145.933 χ^2 /NDF:5.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.823 $\pm$ 95.171 χ^2 /NDF: 12.5/15

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 237.005+/-0.103 χ^2/NDF : 216269.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.308+/-0.089 χ^2/NDF : 252278.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

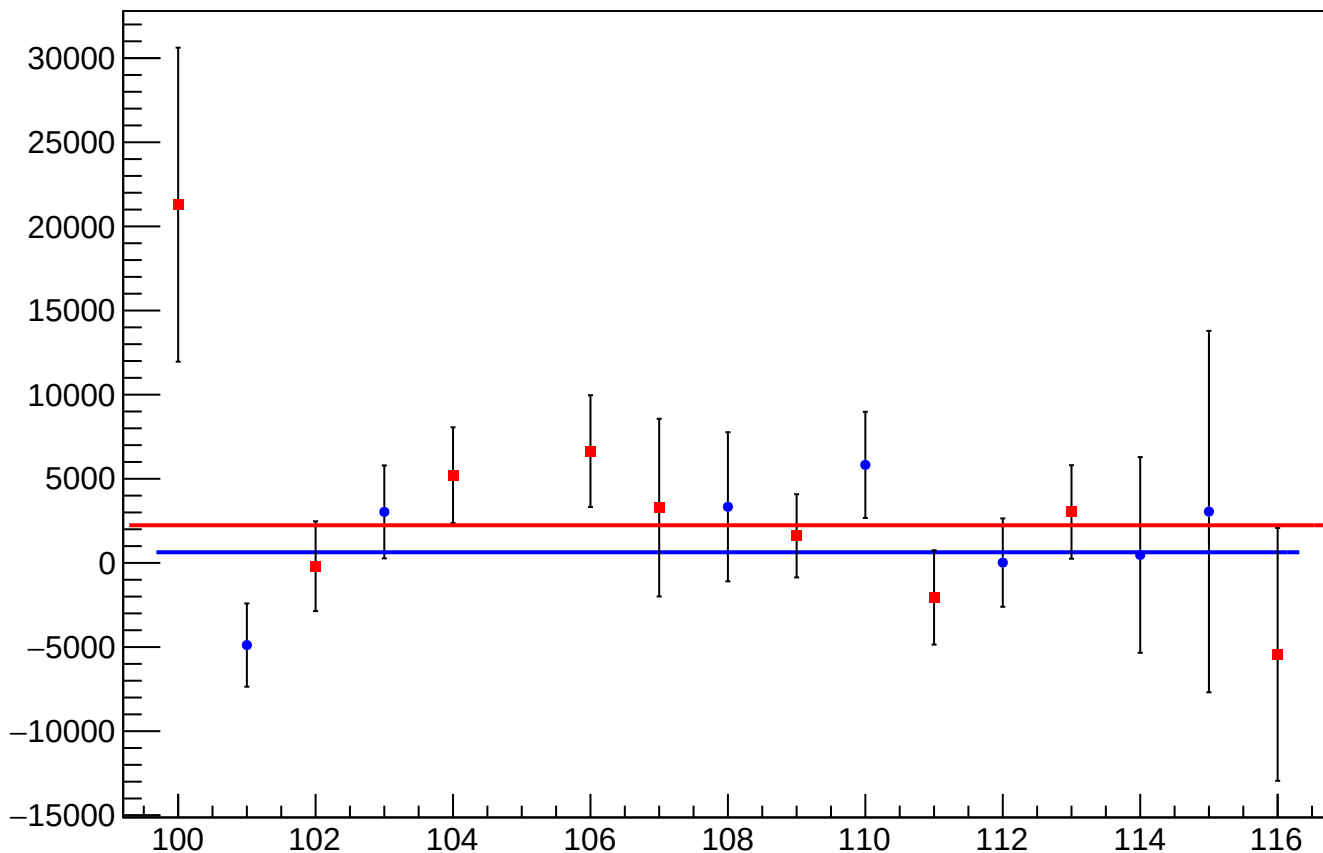
Right: 231.432+/-0.067 χ^2/NDF : 473623.4/15

In: 237.005+/-0.103 χ^2/NDF : 216269.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.432+/-0.067 χ^2/NDF : 473623.4/15

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 633.212 $\pm$ 1260.994 χ^2 /NDF: 8.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2237.523 $\pm$ 1090.854 χ^2 /NDF: 11.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

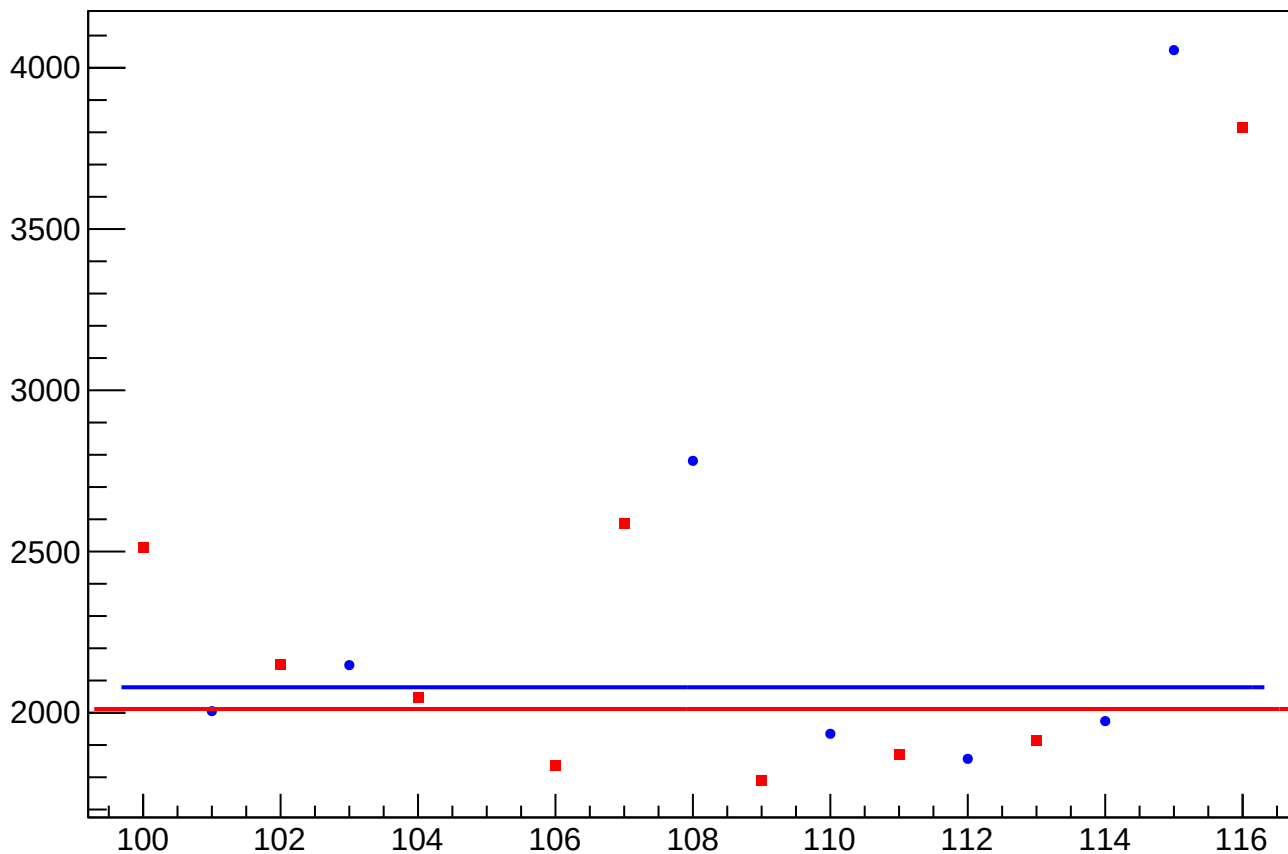
Right: 1550.824 $\pm$ 824.996 χ^2 /NDF: 21.3/15

In: 633.212 $\pm$ 1260.994 χ^2 /NDF:8.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1550.824 $\pm$ 824.996 χ^2 /NDF: 21.3/15

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2079.153+/-0.892 χ^2/NDF : 140049.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2011.721+/-0.771 χ^2/NDF : 179558.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

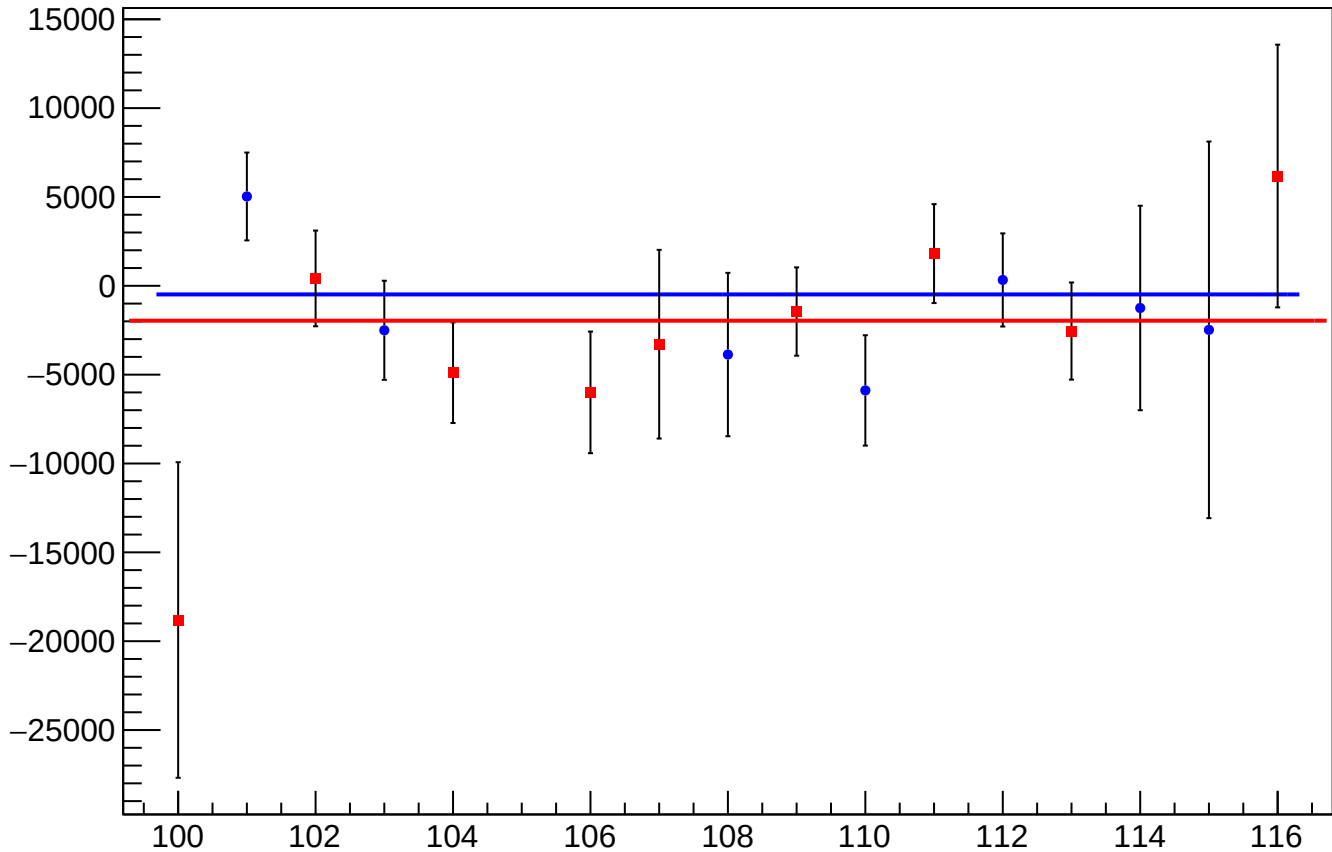
Right: 2040.584+/-0.583 χ^2/NDF : 322878.4/15

In: 2079.153+/-0.892 χ^2/NDF :140049.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2040.584+/-0.583 χ^2/NDF : 322878.4/15

asym_sam4_mean vs Slug, Sign Corrected



Right In: -484.629+/-1261.977 χ^2/NDF : 9.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1963.692+/-1091.572 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

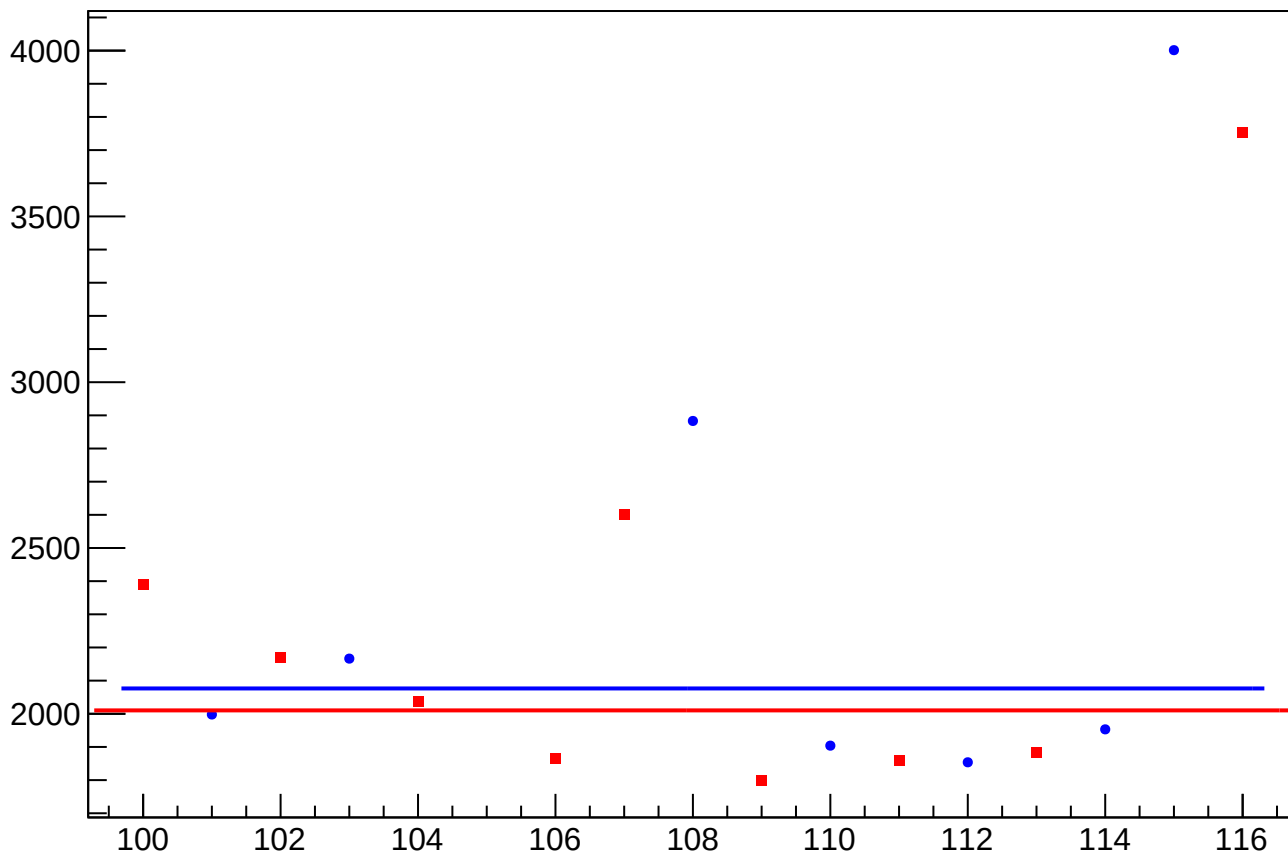
Right: -1330.691+/-825.582 χ^2/NDF : 20.0/15

In: -484.629+/-1261.977 χ^2/NDF : 9.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1330.691+/-825.582 χ^2/NDF : 20.0/15

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2076.416+/-0.892 χ^2/NDF : 153222.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2010.247+/-0.772 χ^2/NDF : 174936.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

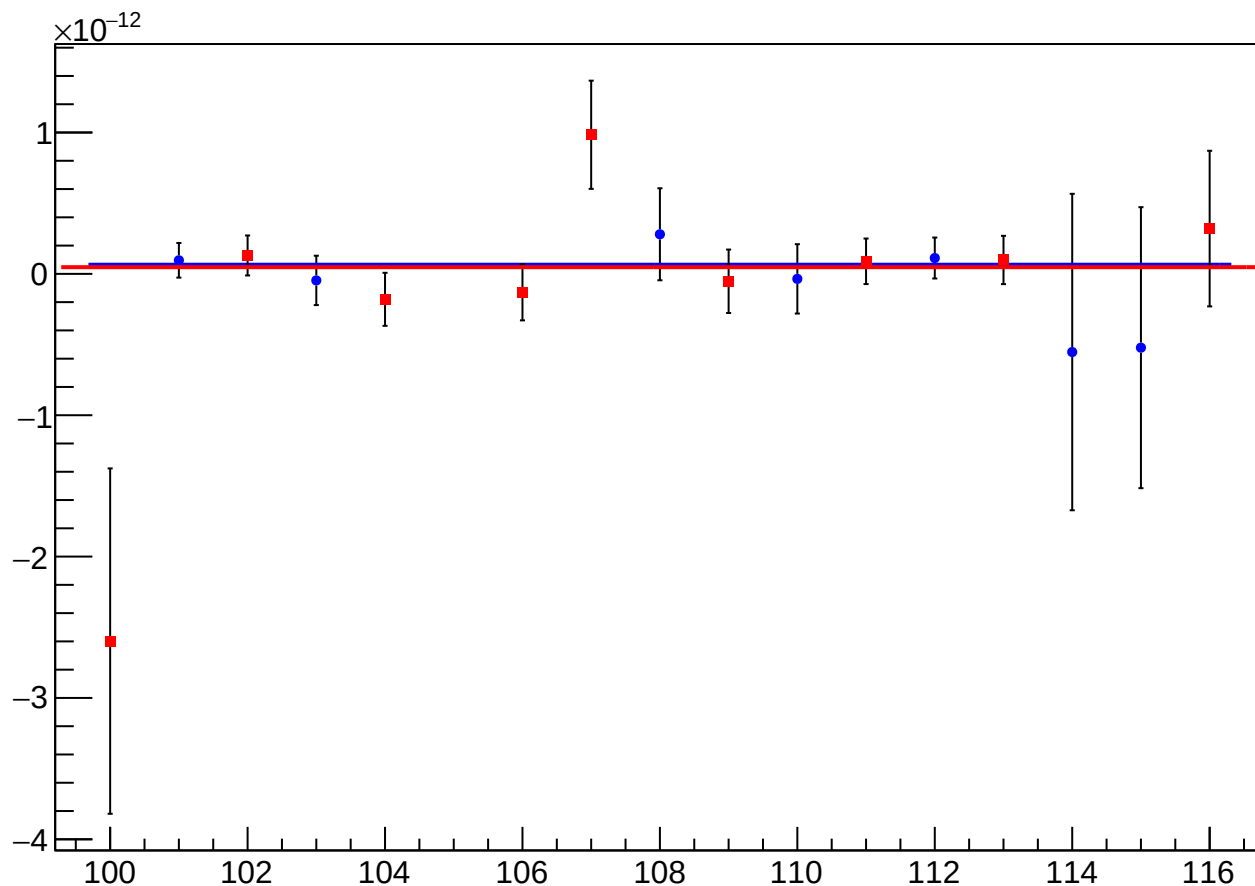
Right: 2038.566+/-0.584 χ^2/NDF : 331304.6/15

In: 2076.416+/-0.892 χ^2/NDF : 153222.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2038.566+/-0.584 χ^2/NDF : 331304.6/15

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

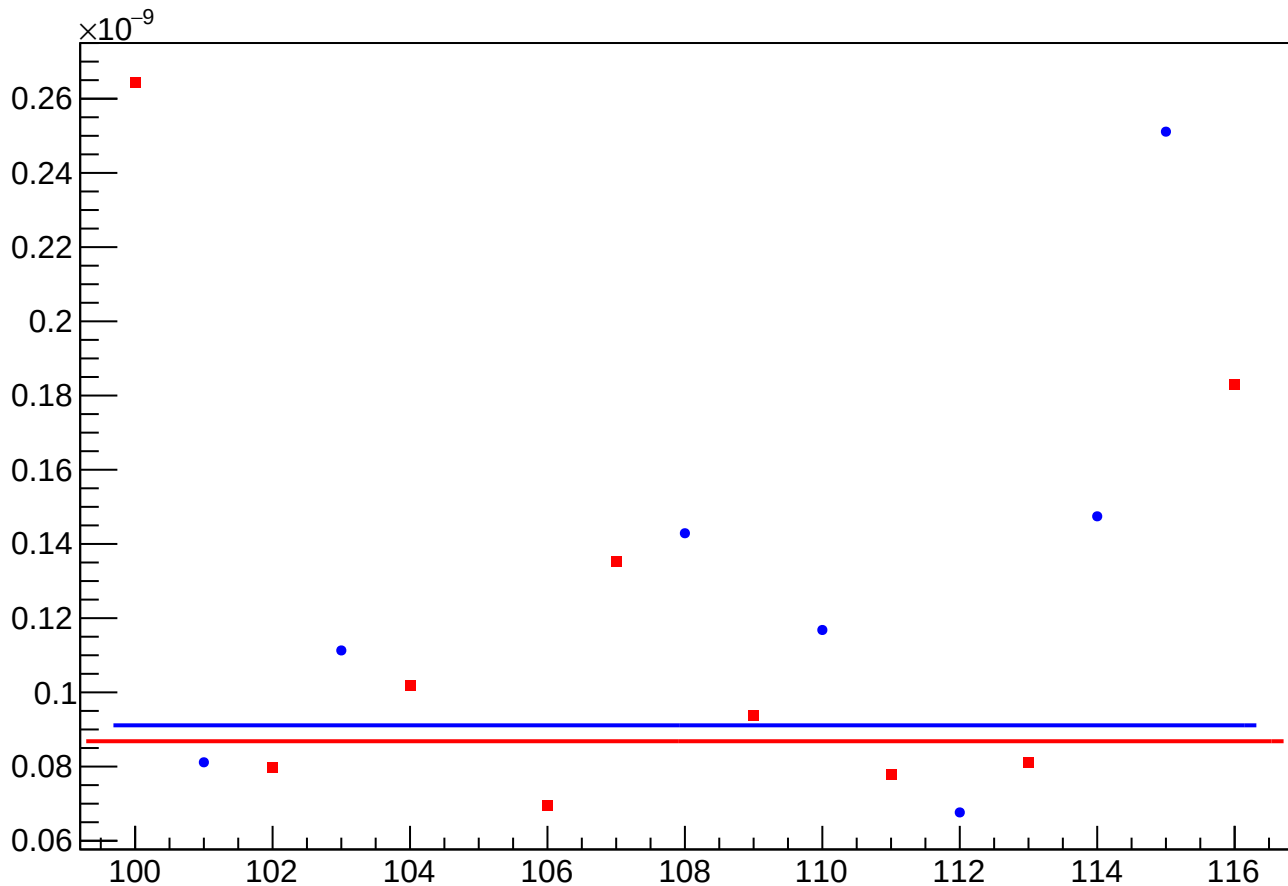
Right: 0.000+/-0.000 χ^2/NDF : 15.8/15

In: 0.000+/-0.000 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/15

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 221901.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 178807.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

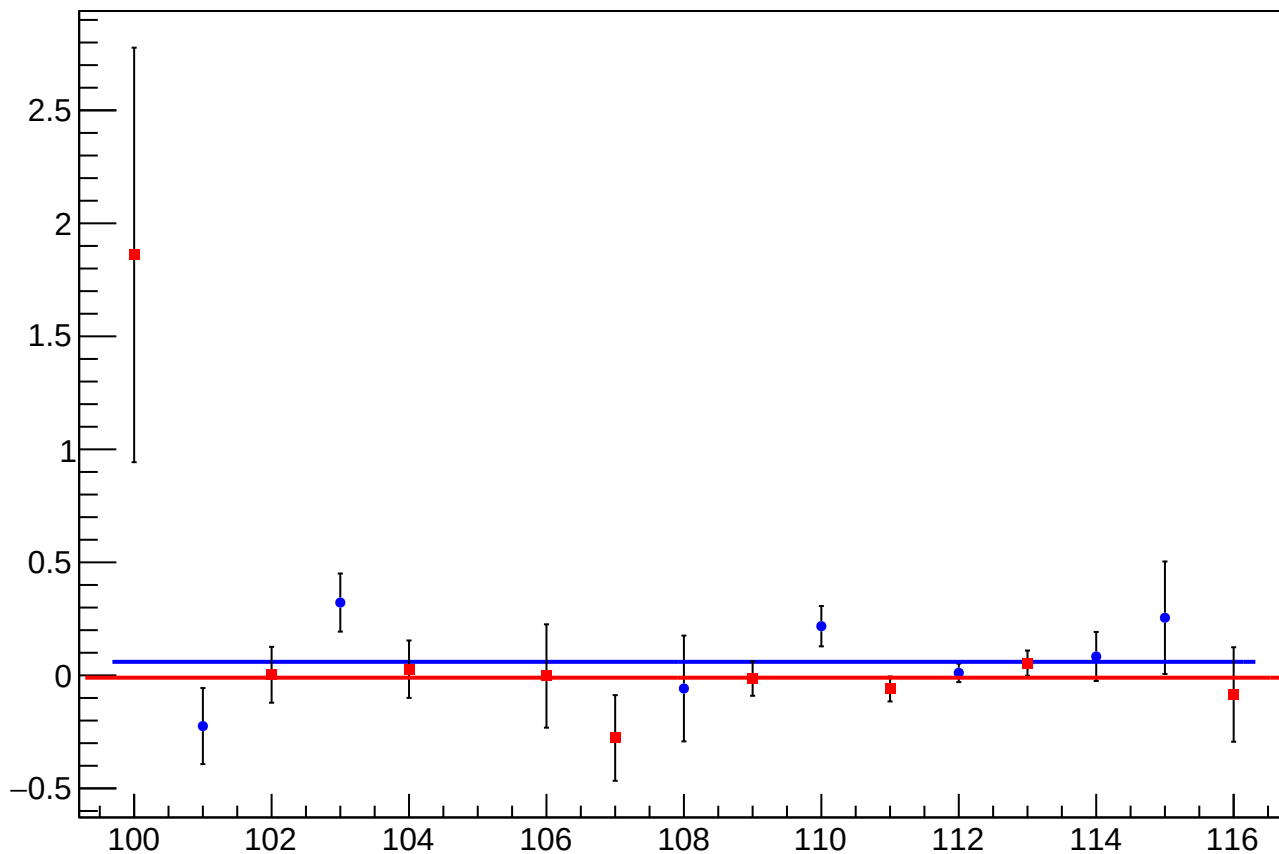
Right: 0.000+/-0.000 χ^2/NDF : 404200.4/15

In: 0.000+/-0.000 χ^2/NDF : 221901.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 404200.4/15

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060+/-0.033 χ^2/NDF : 12.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.031 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

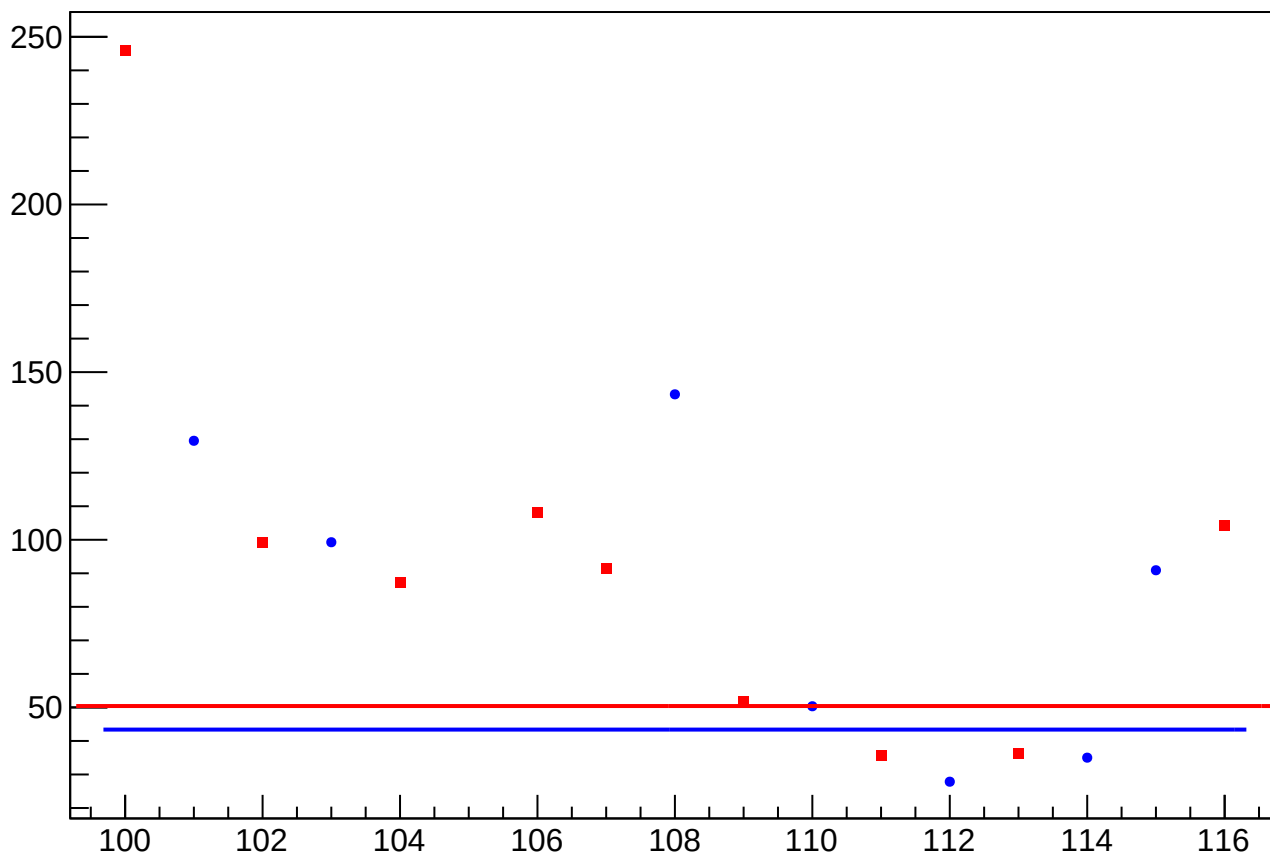
Right: 0.023+/-0.023 χ^2/NDF : 23.4/15

In: 0.060+/-0.033 χ^2/NDF : 12.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.023 χ^2/NDF : 23.4/15

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.389+/-0.023 χ^2/NDF : 1648937.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.415+/-0.022 χ^2/NDF : 1201300.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

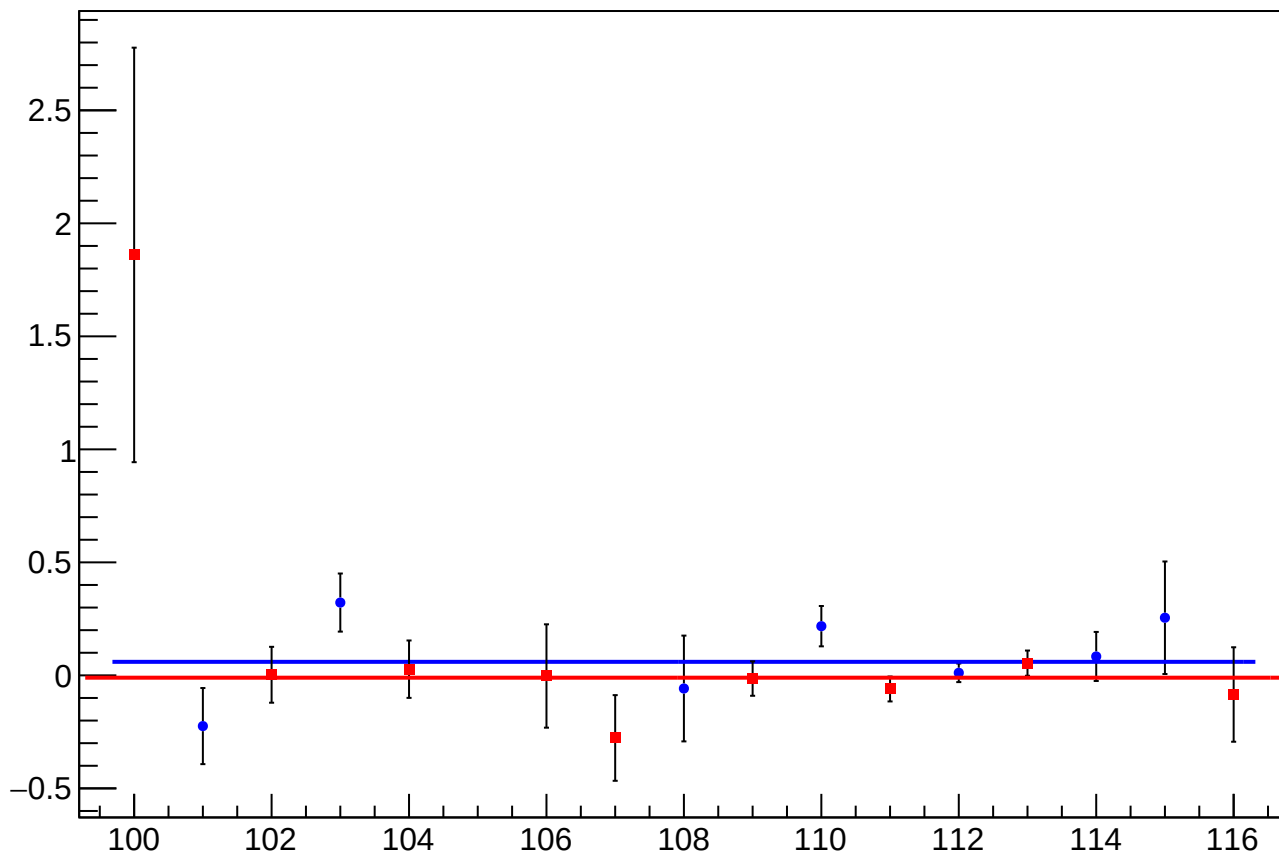
Right: 47.064+/-0.016 χ^2/NDF : 2898336.8/15

In: 43.389+/-0.023 χ^2/NDF : 1648937.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.064+/-0.016 χ^2/NDF : 2898336.8/15

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060 $\pm$ 0.033 χ^2 /NDF: 12.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.031 χ^2 /NDF: 8.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

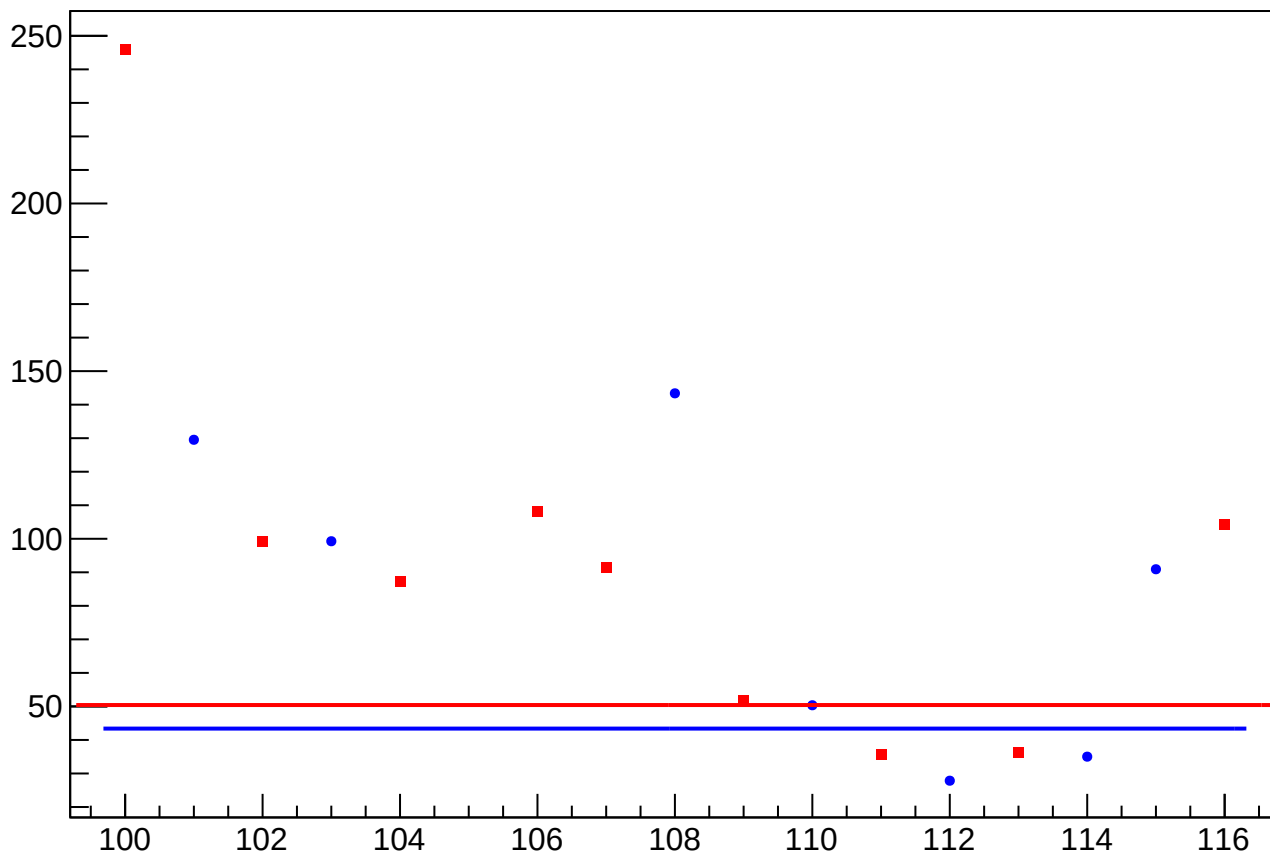
Right: 0.023 $\pm$ 0.023 χ^2 /NDF: 23.4/15

In: 0.060 $\pm$ 0.033 χ^2 /NDF:12.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.023 χ^2 /NDF: 23.4/15

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.389+/-0.023 χ^2/NDF : 1648937.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.415+/-0.022 χ^2/NDF : 1201300.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

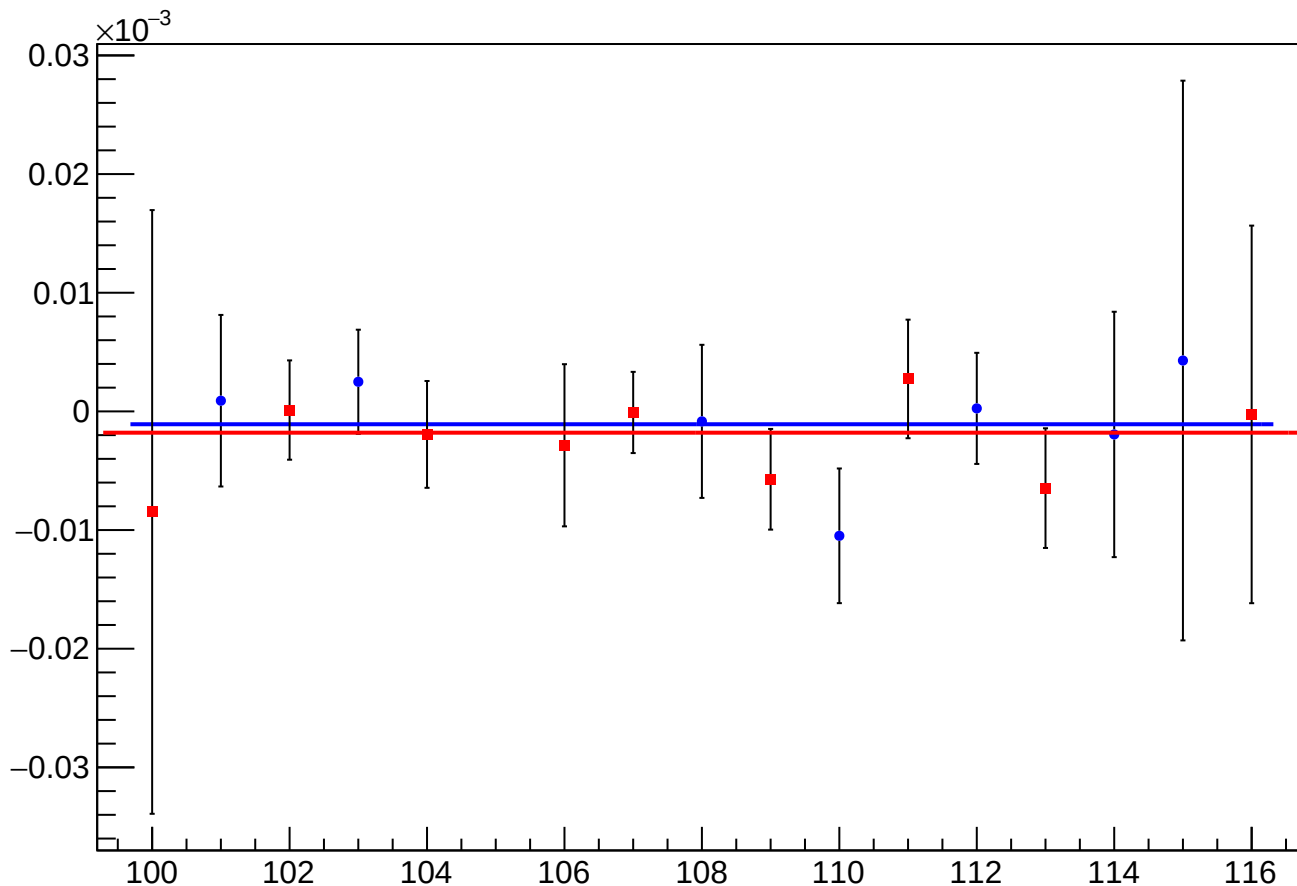
Right: 47.064+/-0.016 χ^2/NDF : 2898336.8/15

In: 43.389+/-0.023 χ^2/NDF : 1648937.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.064+/-0.016 χ^2/NDF : 2898336.8/15

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

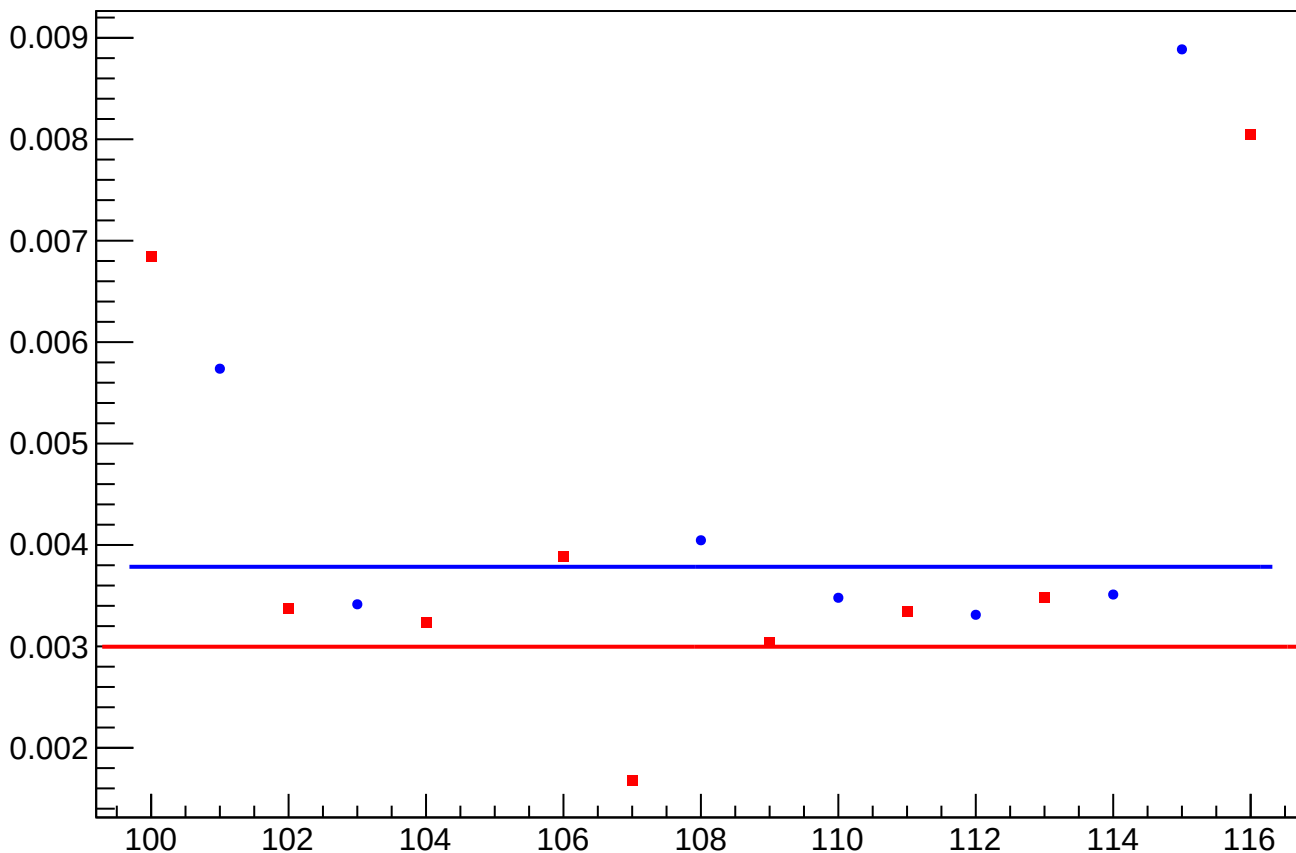
Right: -0.000+/-0.000 χ^2/NDF : 6.8/15

In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/15

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 284651.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 627143.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

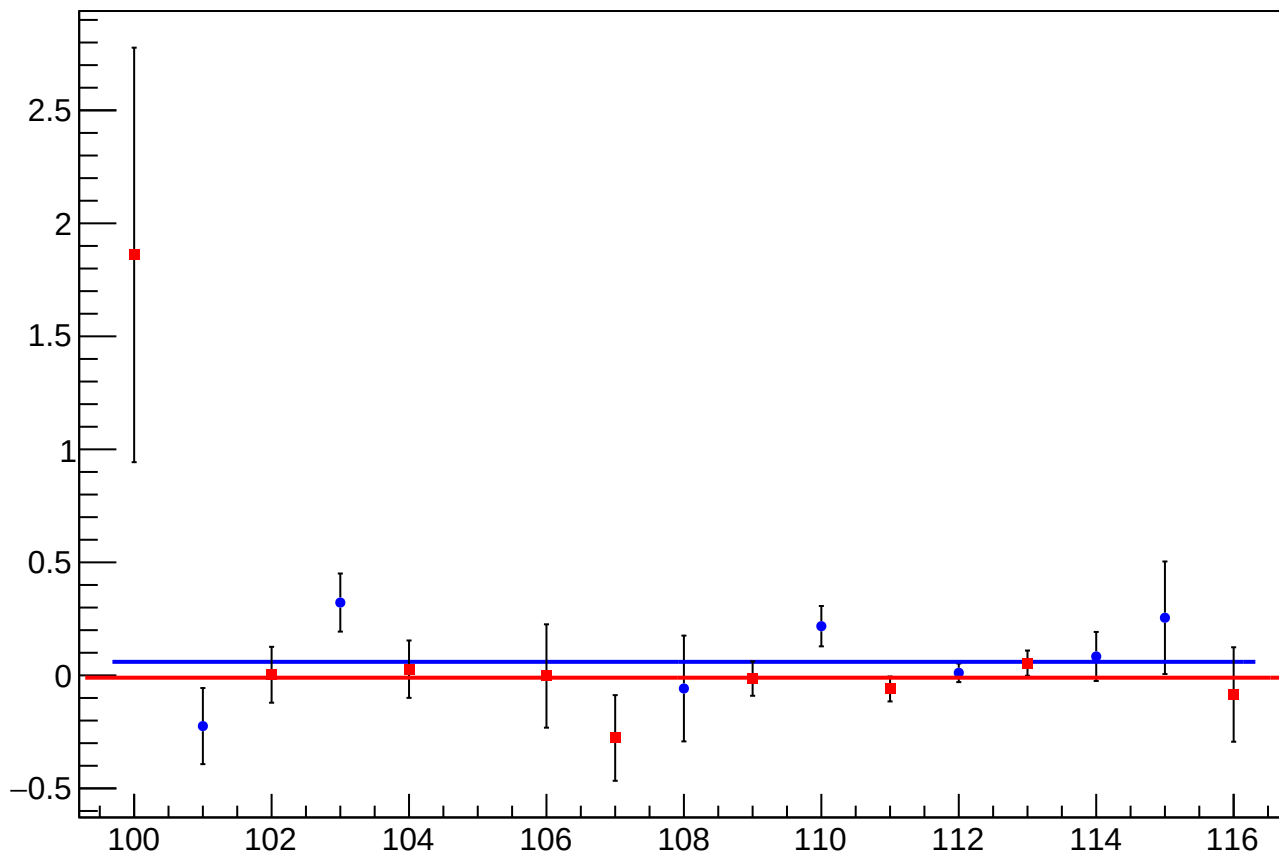
Right: 0.003+/-0.000 χ^2/NDF : 1061530.9/15

In: 0.004+/-0.000 χ^2/NDF : 284651.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1061530.9/15

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060+/-0.033 χ^2/NDF : 12.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.031 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

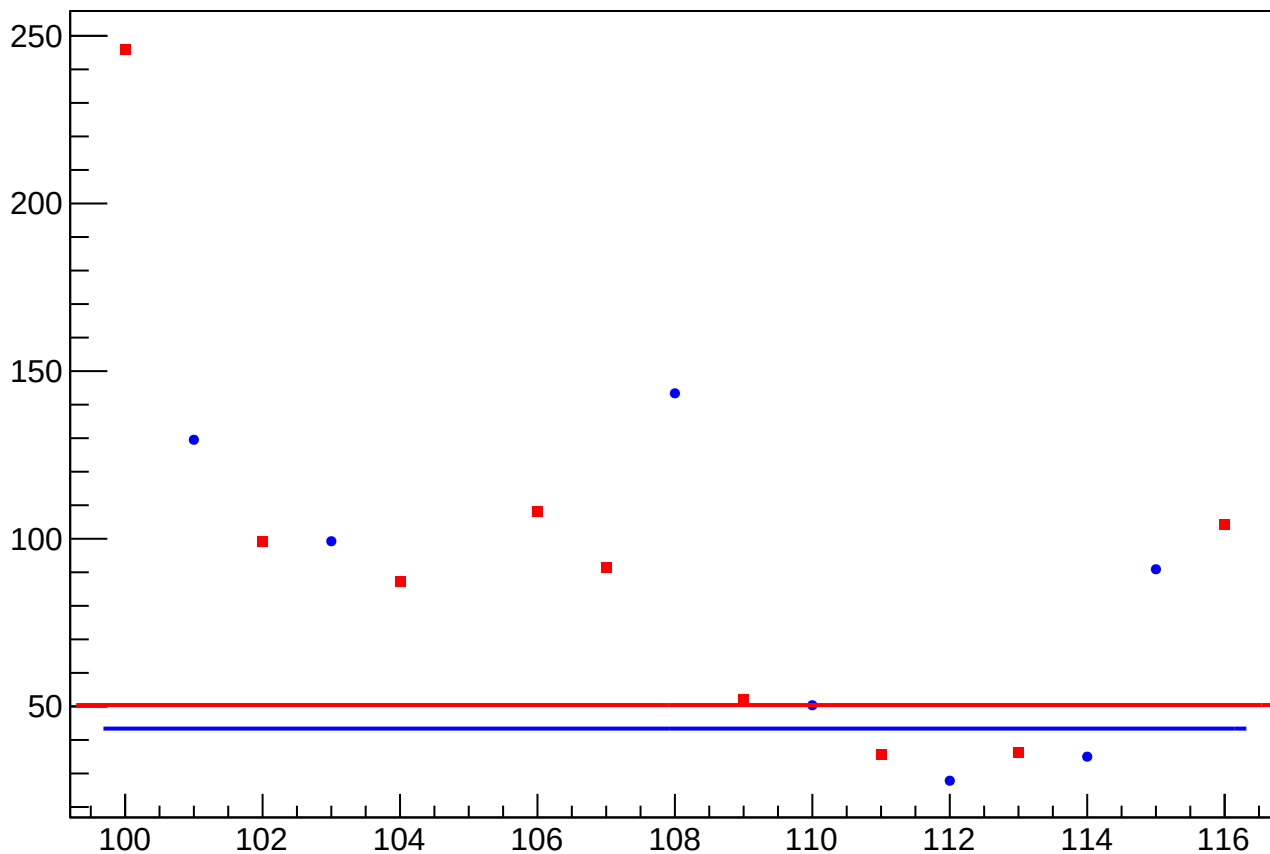
Right: 0.023+/-0.023 χ^2/NDF : 23.4/15

In: 0.060+/-0.033 χ^2/NDF : 12.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.023 χ^2/NDF : 23.4/15

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.387 $\pm$ 0.023 χ^2 /NDF: 1649024.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.413 $\pm$ 0.022 χ^2 /NDF: 1201408.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

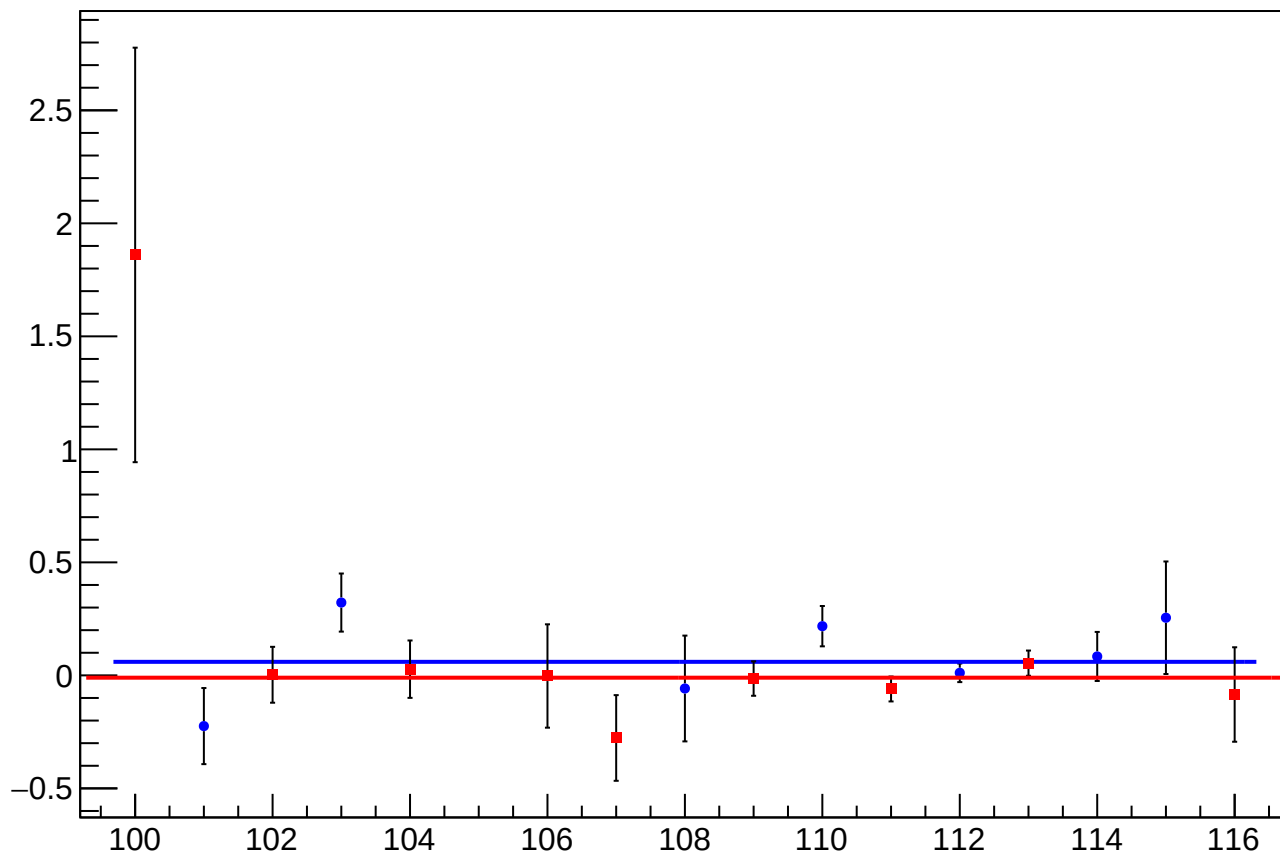
Right: 47.062 $\pm$ 0.016 χ^2 /NDF: 2898537.9/15

In: 43.387 $\pm$ 0.023 χ^2 /NDF:1649024.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.062 $\pm$ 0.016 χ^2 /NDF: 2898537.9/15

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060+/-0.033 χ^2/NDF : 12.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.031 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

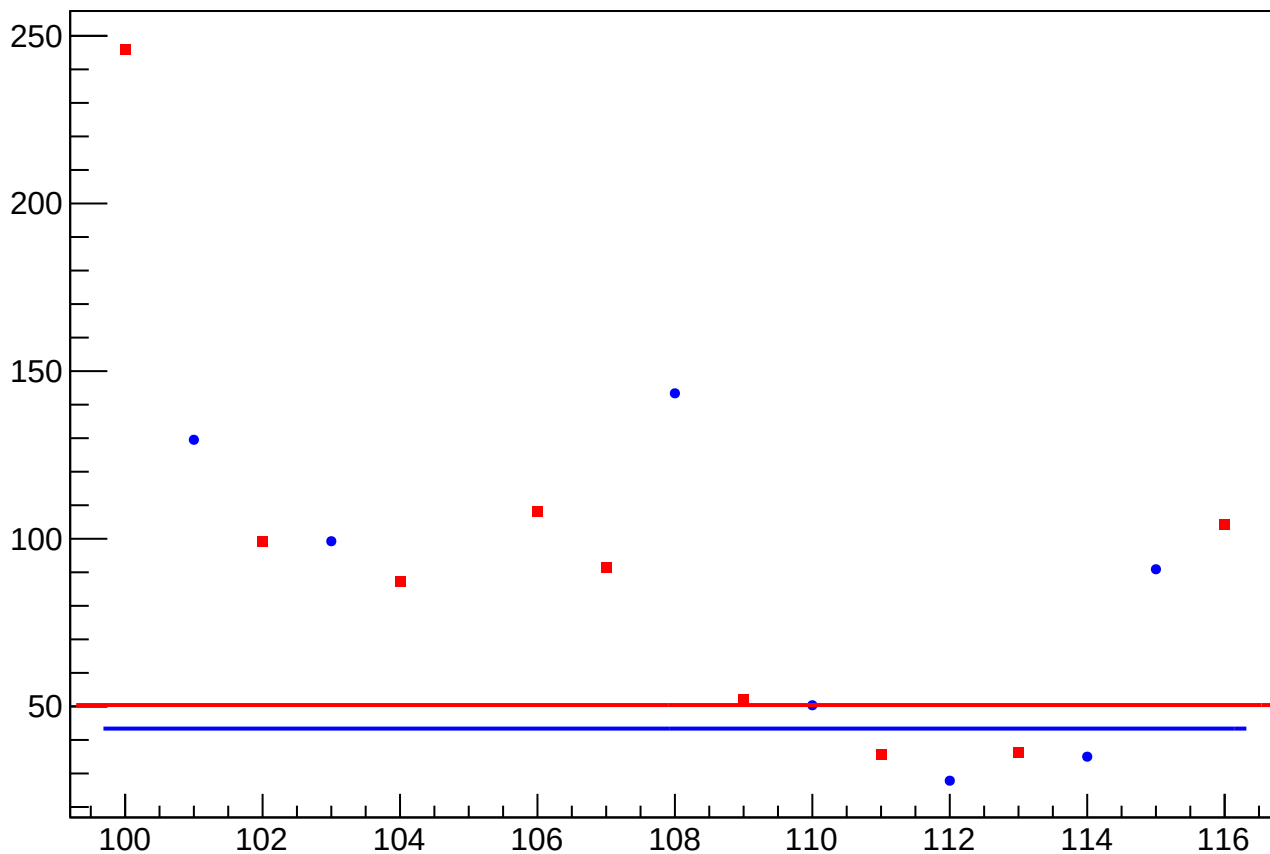
Right: 0.023+/-0.023 χ^2/NDF : 23.4/15

In: 0.060+/-0.033 χ^2/NDF : 12.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.023 χ^2/NDF : 23.4/15

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.387+/-0.023 χ^2/NDF : 1649024.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.413+/-0.022 χ^2/NDF : 1201408.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

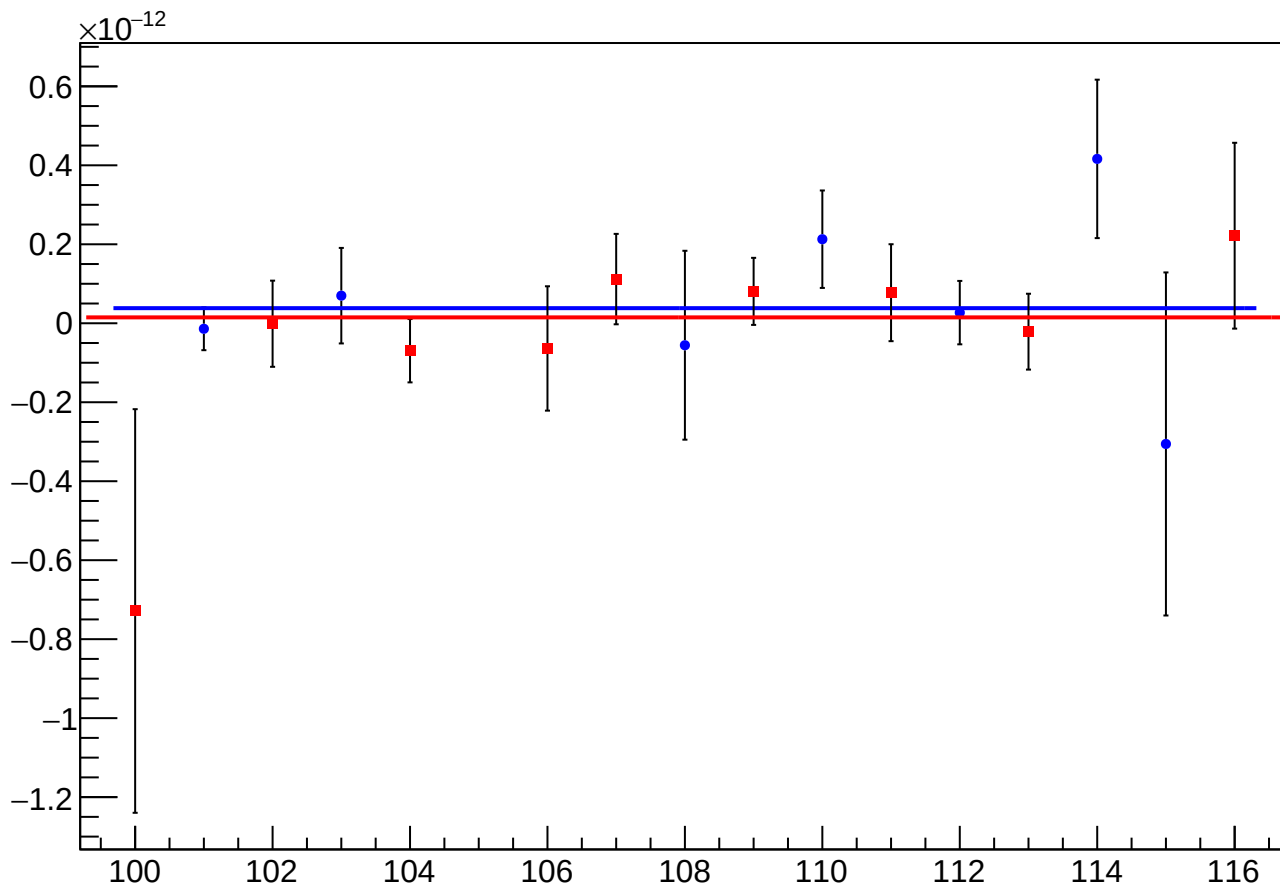
Right: 47.062+/-0.016 χ^2/NDF : 2898537.9/15

In: 43.387+/-0.023 χ^2/NDF : 1649024.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.062+/-0.016 χ^2/NDF : 2898537.9/15

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

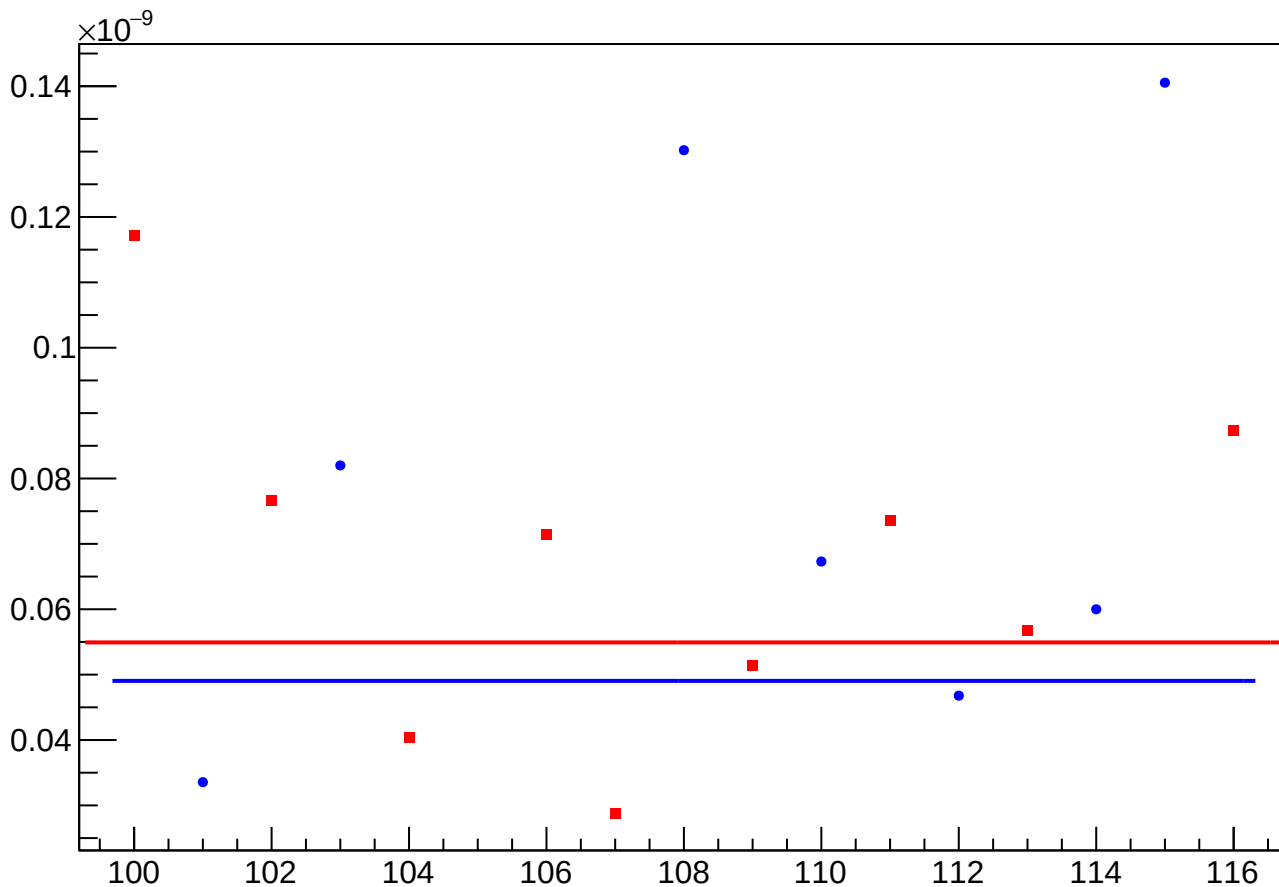
Right: 0.000+/-0.000 χ^2/NDF : 13.5/15

In: 0.000+/-0.000 χ^2/NDF : 7.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.5/15

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 682414.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 388655.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

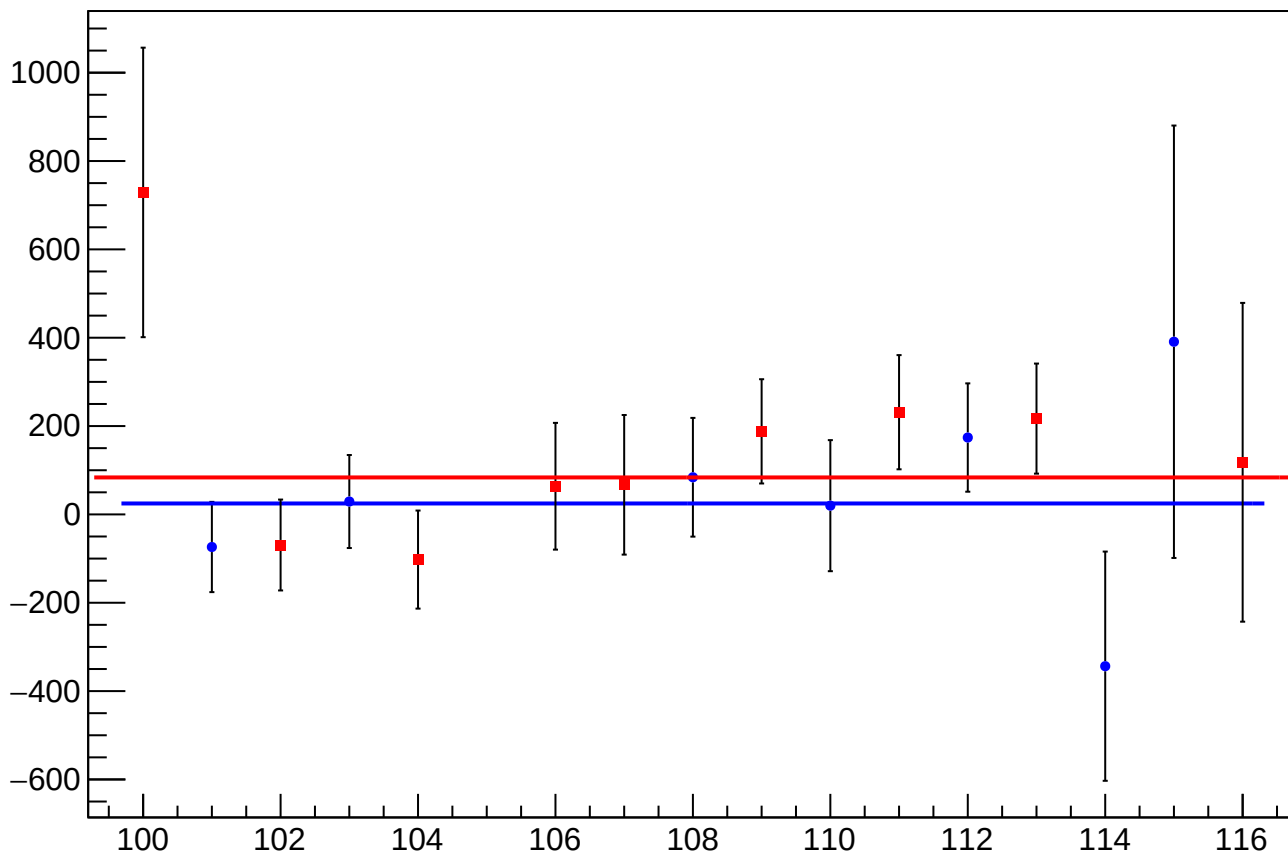
Right: 0.000+/-0.000 χ^2/NDF : 1094771.5/15

In: 0.000+/-0.000 χ^2/NDF : 682414.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1094771.5/15

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 24.754+/-51.820 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.703+/-45.771 χ^2/NDF : 12.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

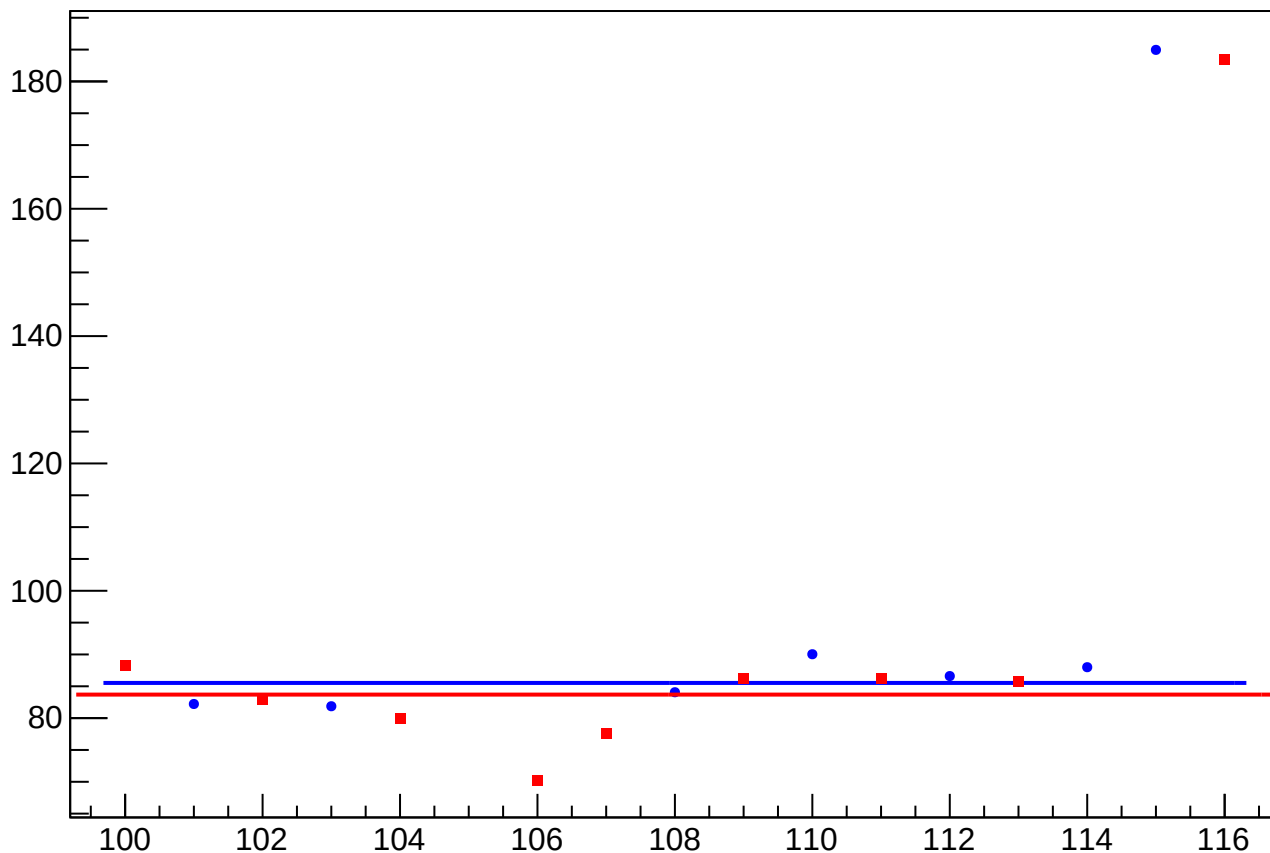
Right: 57.869+/-34.305 χ^2/NDF : 18.1/15

In: 24.754+/-51.820 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.869+/-34.305 χ^2/NDF : 18.1/15

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 85.528+/-0.037 χ^2/NDF : 89464.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.695+/-0.032 χ^2/NDF : 178590.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

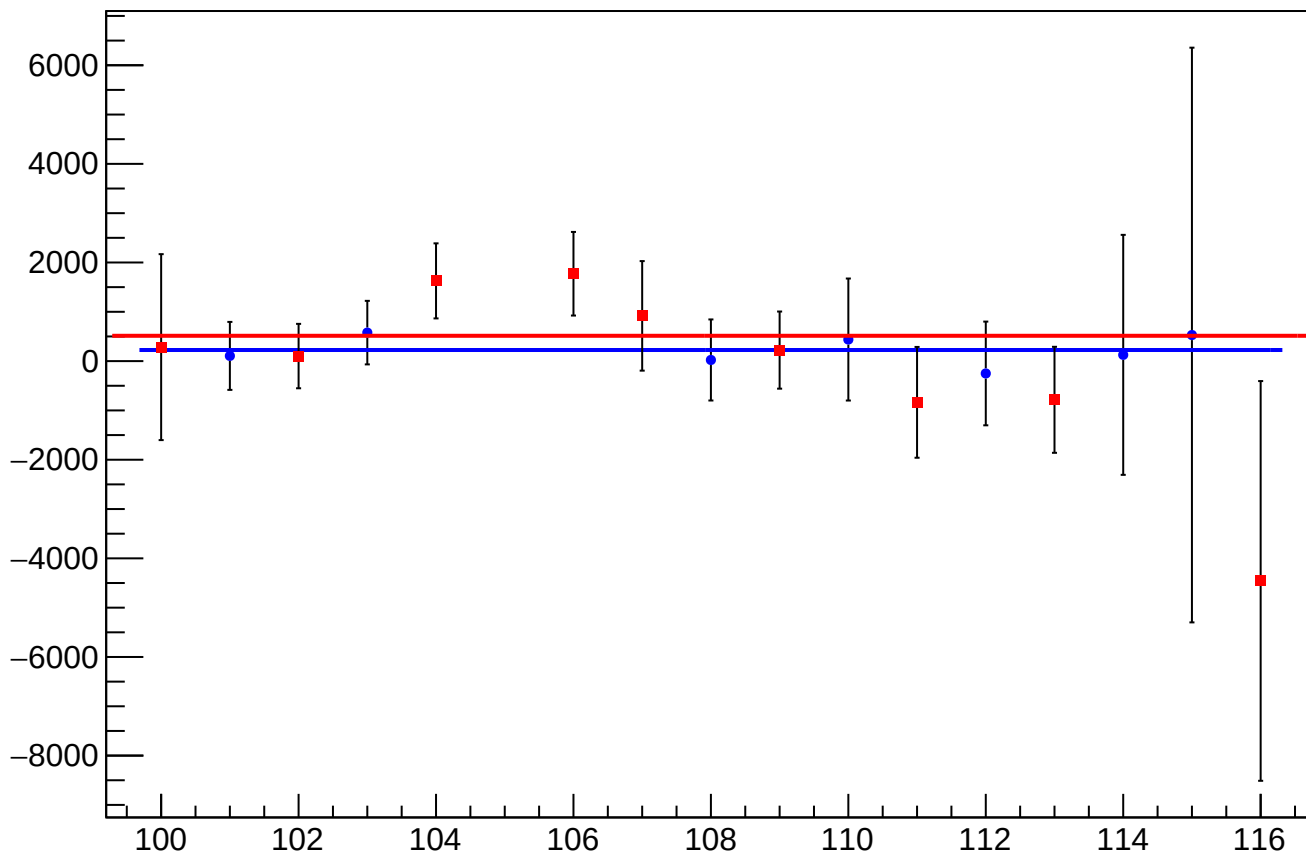
Right: 84.498+/-0.024 χ^2/NDF : 269460.0/15

In: 85.528+/-0.037 χ^2/NDF : 89464.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.498+/-0.024 χ^2/NDF : 269460.0/15

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 225.156+/-359.214 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.601+/-317.712 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

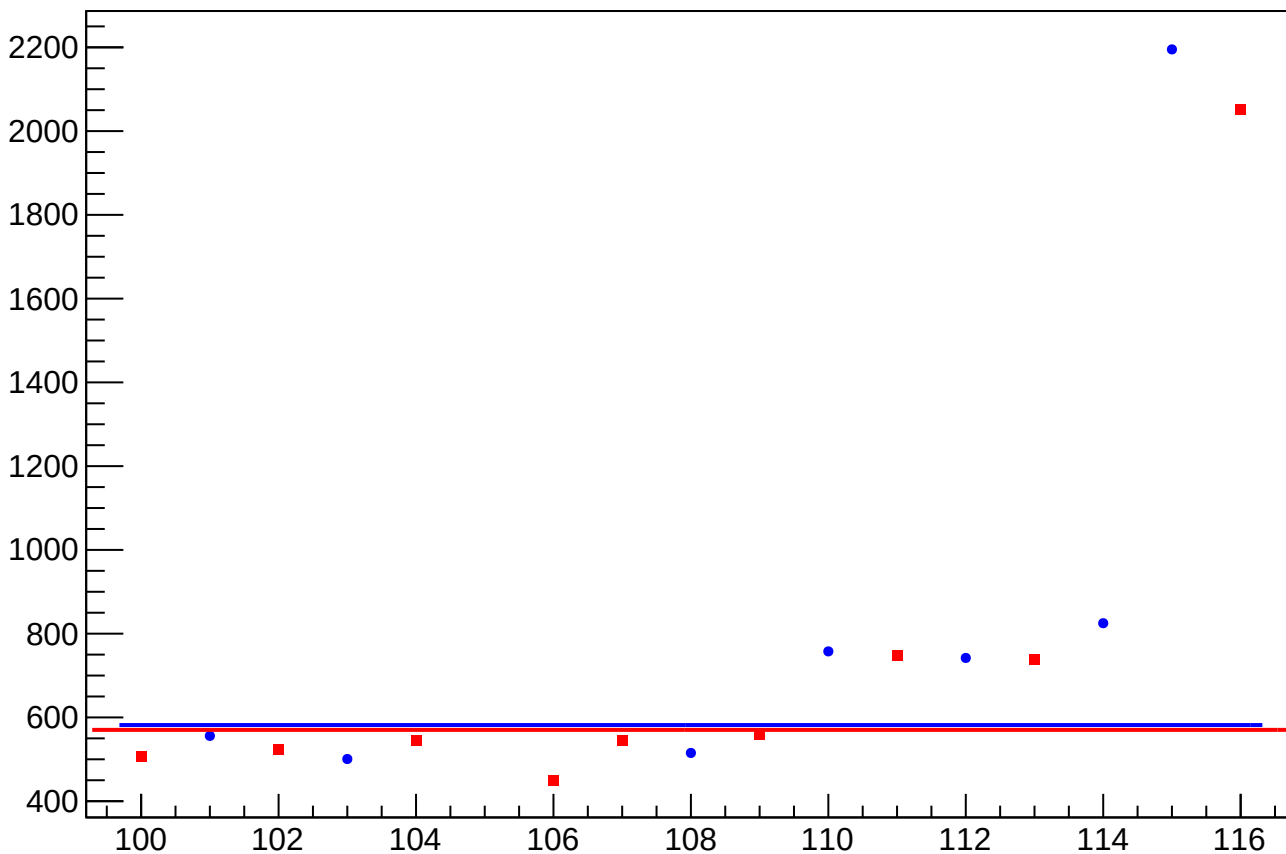
Right: 386.997+/-237.983 χ^2/NDF : 10.4/15

In: 225.156+/-359.214 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.997+/-237.983 χ^2/NDF : 10.4/15

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 581.800+/-0.254 χ^2/NDF : 307756.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.281+/-0.225 χ^2/NDF : 423475.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

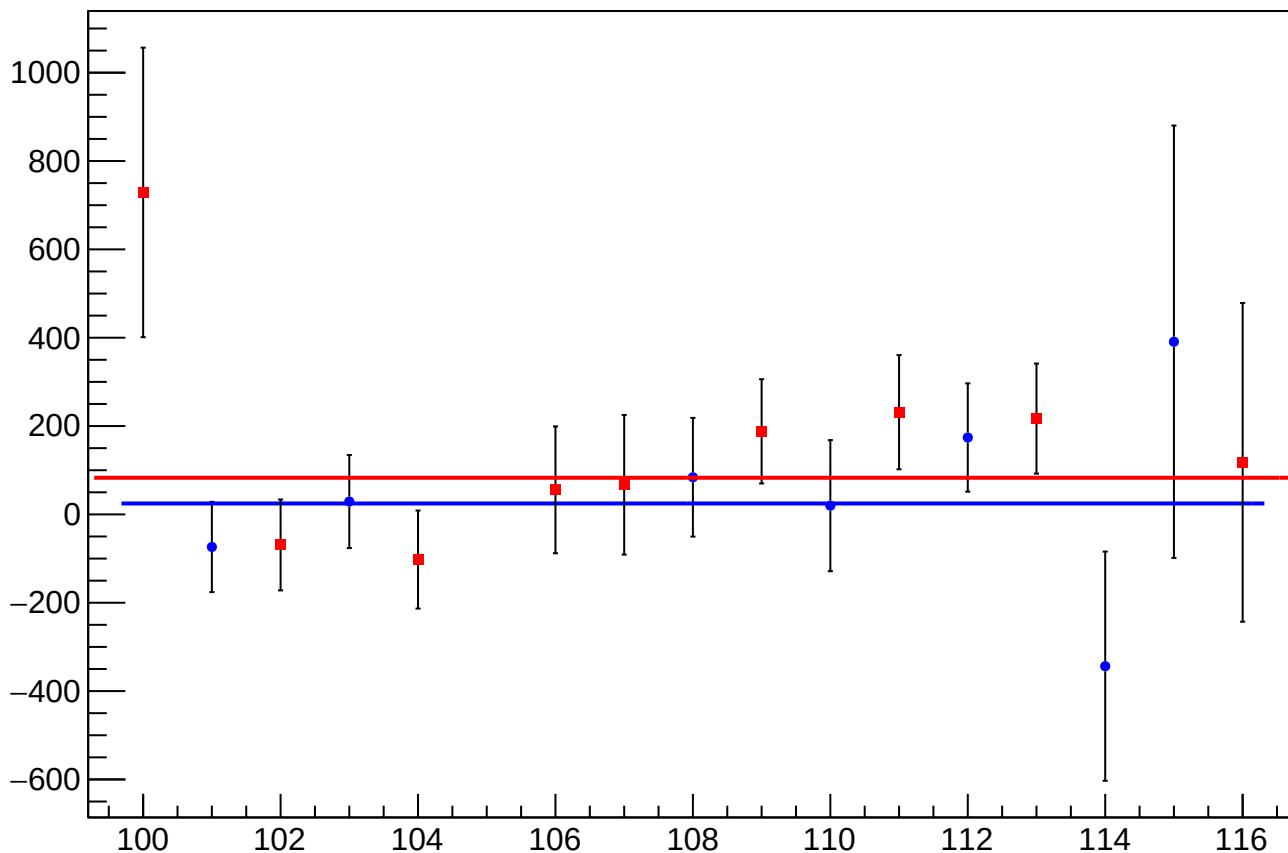
Right: 575.337+/-0.168 χ^2/NDF : 732385.7/15

In: 581.800+/-0.254 χ^2/NDF : 307756.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.337+/-0.168 χ^2/NDF : 732385.7/15

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 24.735+/-51.820 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.921+/-45.776 χ^2/NDF : 12.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

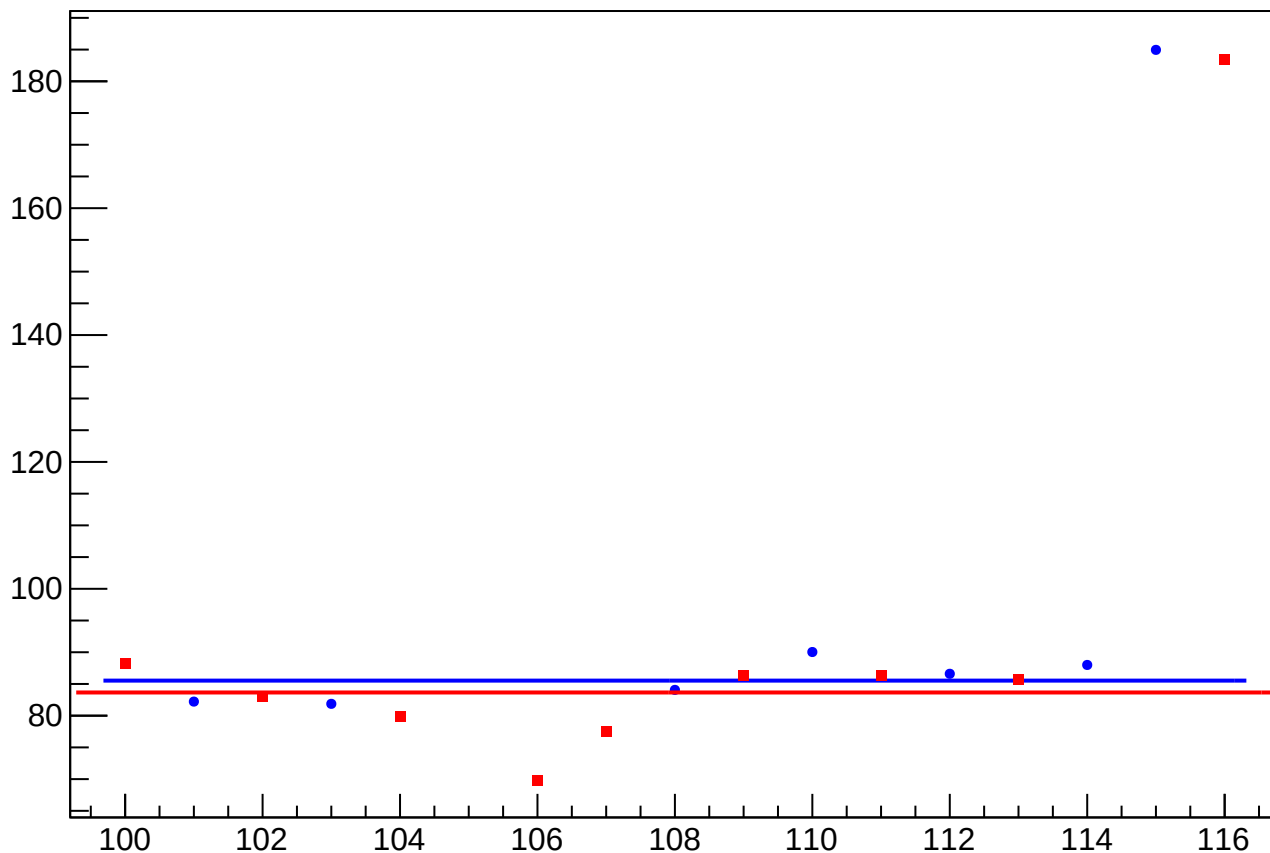
Right: 57.418+/-34.307 χ^2/NDF : 18.1/15

In: 24.735+/-51.820 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.418+/-34.307 χ^2/NDF : 18.1/15

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 85.528+/-0.037 χ^2/NDF : 89464.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.657+/-0.032 χ^2/NDF : 179676.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

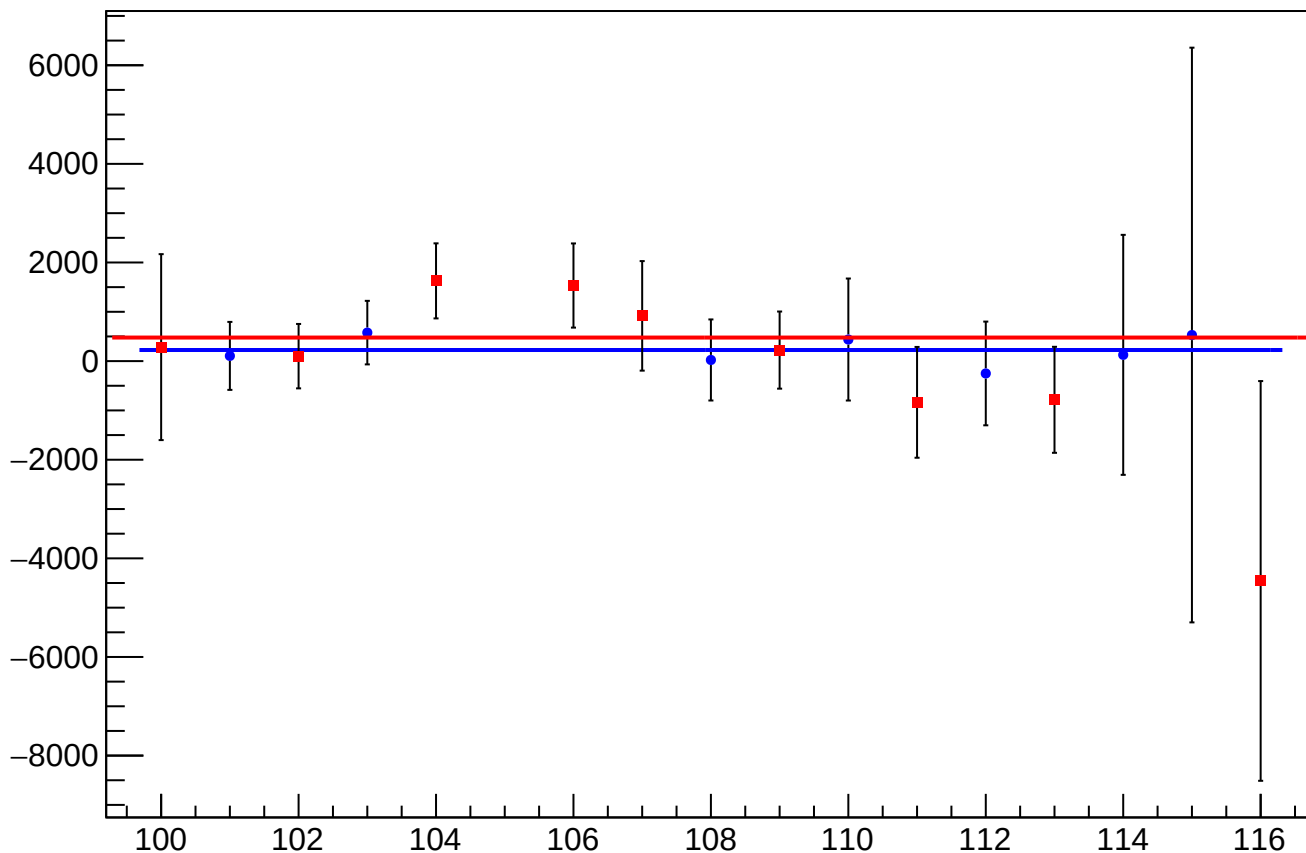
Right: 84.477+/-0.024 χ^2/NDF : 270604.9/15

In: 85.528+/-0.037 χ^2/NDF : 89464.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.477+/-0.024 χ^2/NDF : 270604.9/15

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 225.154+/-359.214 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.708+/-318.003 χ^2/NDF : 8.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

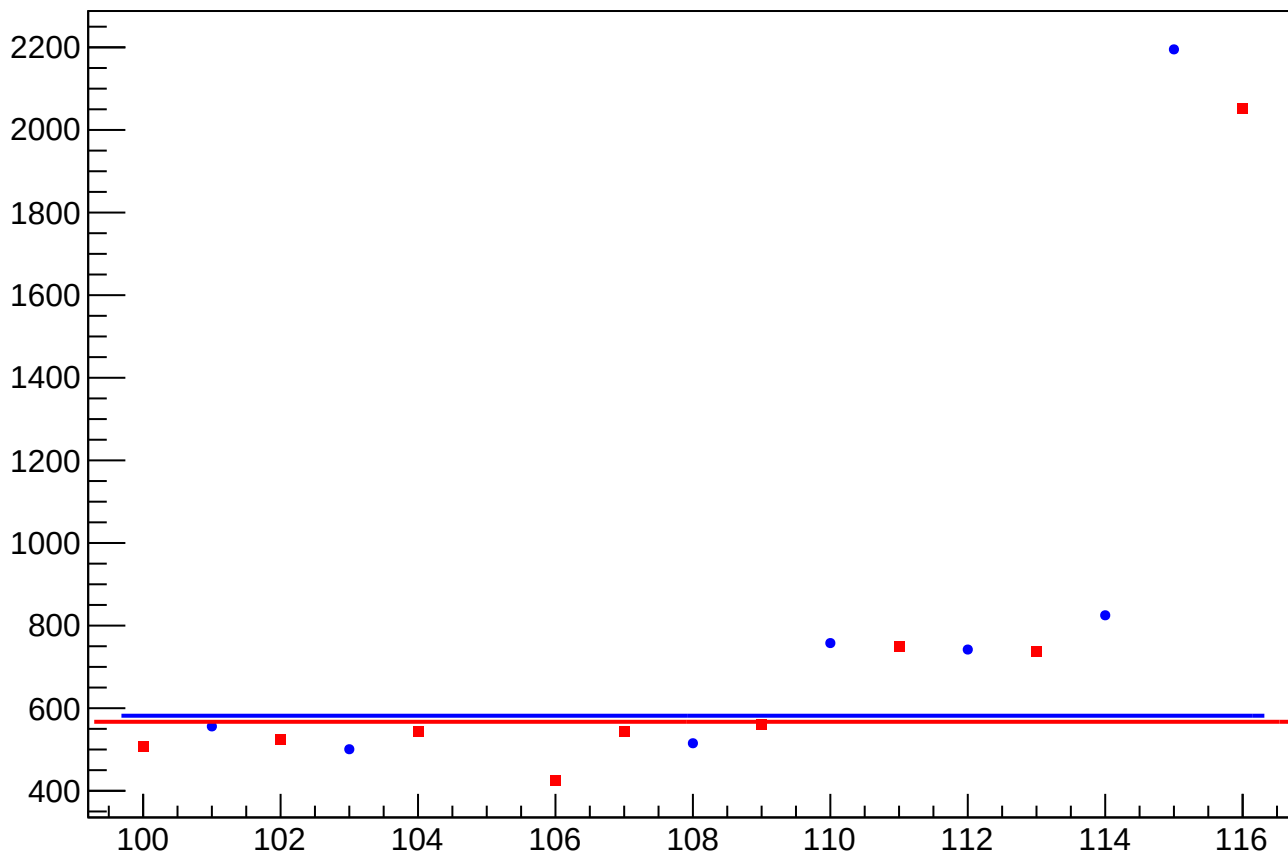
Right: 366.743+/-238.105 χ^2/NDF : 9.6/15

In: 225.154+/-359.214 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.743+/-238.105 χ^2/NDF : 9.6/15

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 581.799+/-0.254 χ^2/NDF : 307758.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.116+/-0.225 χ^2/NDF : 440612.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

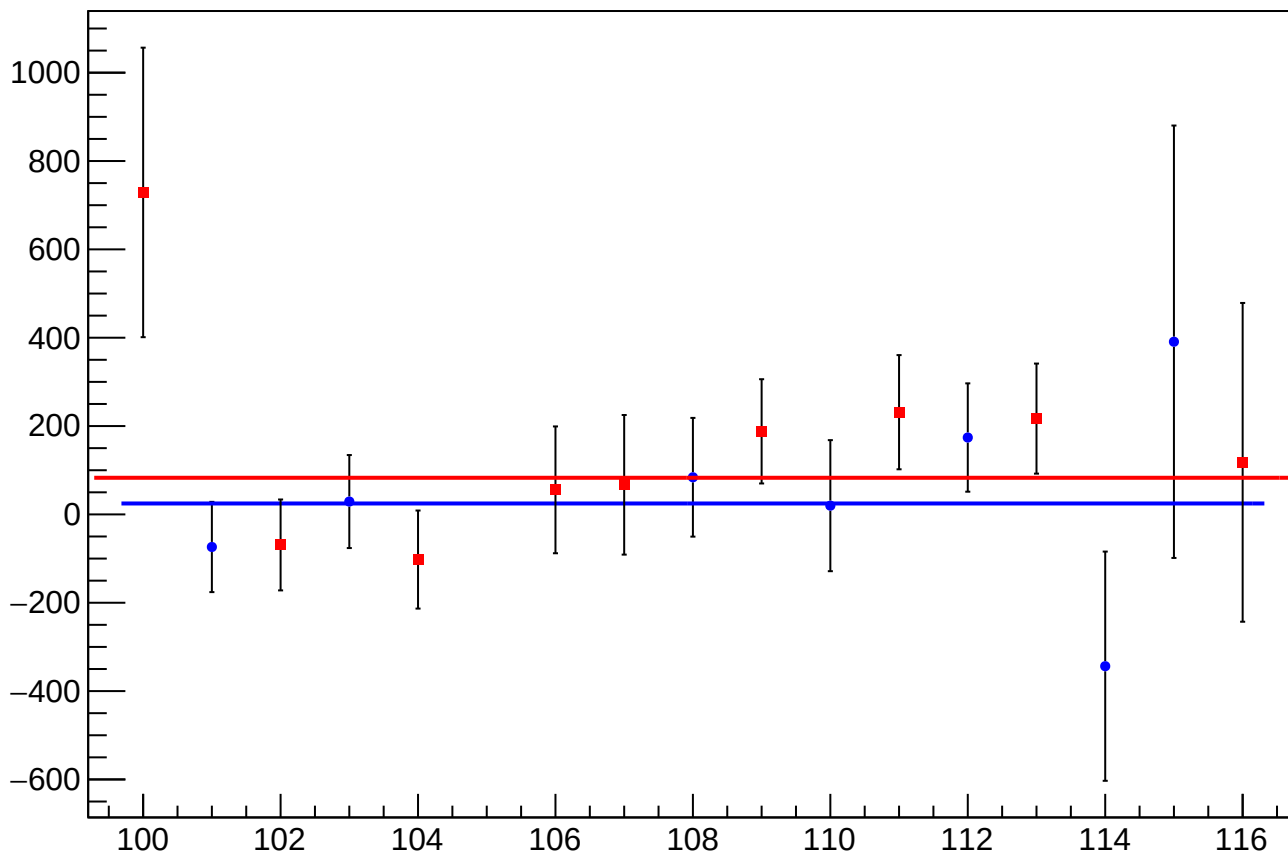
Right: 573.567+/-0.168 χ^2/NDF : 750244.3/15

In: 581.799+/-0.254 χ^2/NDF : 307758.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.567+/-0.168 χ^2/NDF : 750244.3/15

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 24.735+/-51.820 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.921+/-45.776 χ^2/NDF : 12.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

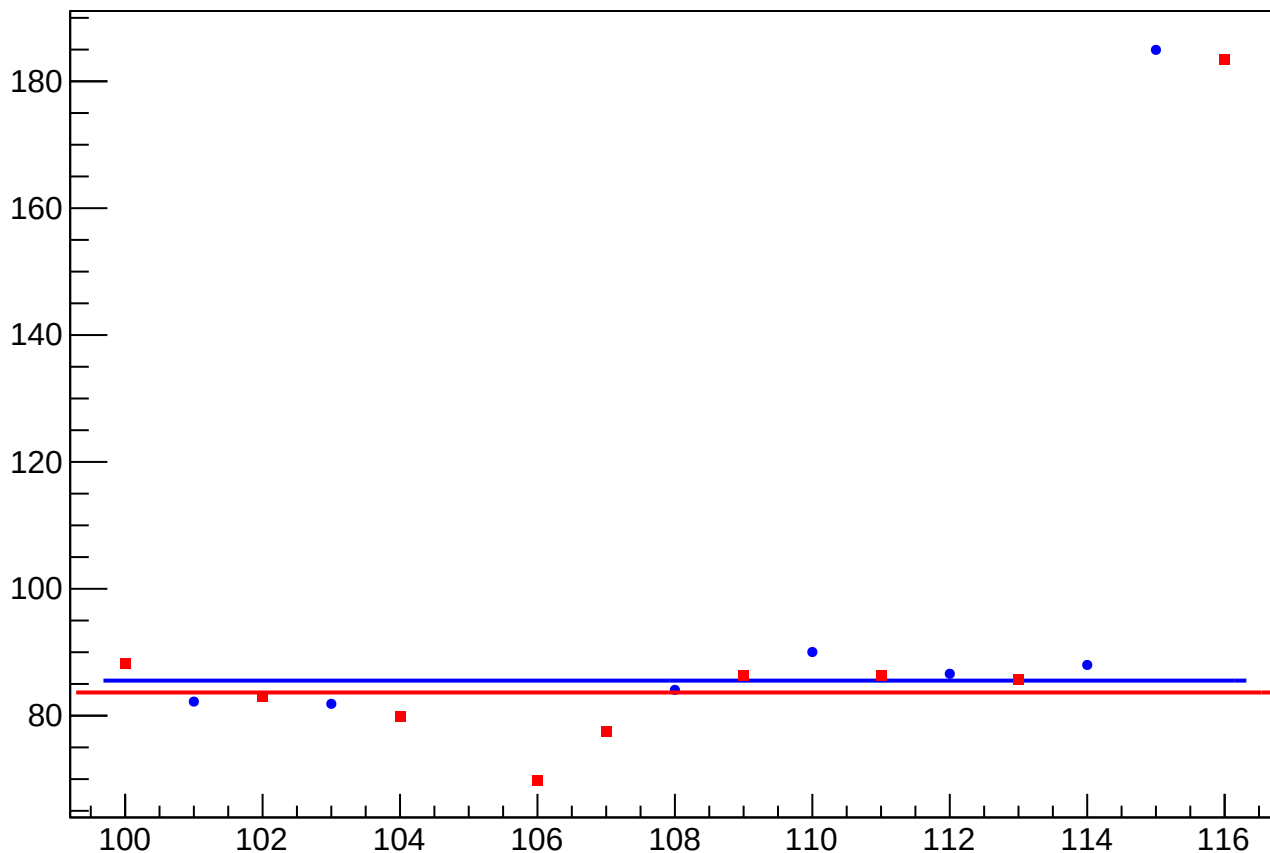
Right: 57.418+/-34.307 χ^2/NDF : 18.1/15

In: 24.735+/-51.820 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.418+/-34.307 χ^2/NDF : 18.1/15

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 85.528+/-0.037 χ^2/NDF : 89464.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.657+/-0.032 χ^2/NDF : 179676.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

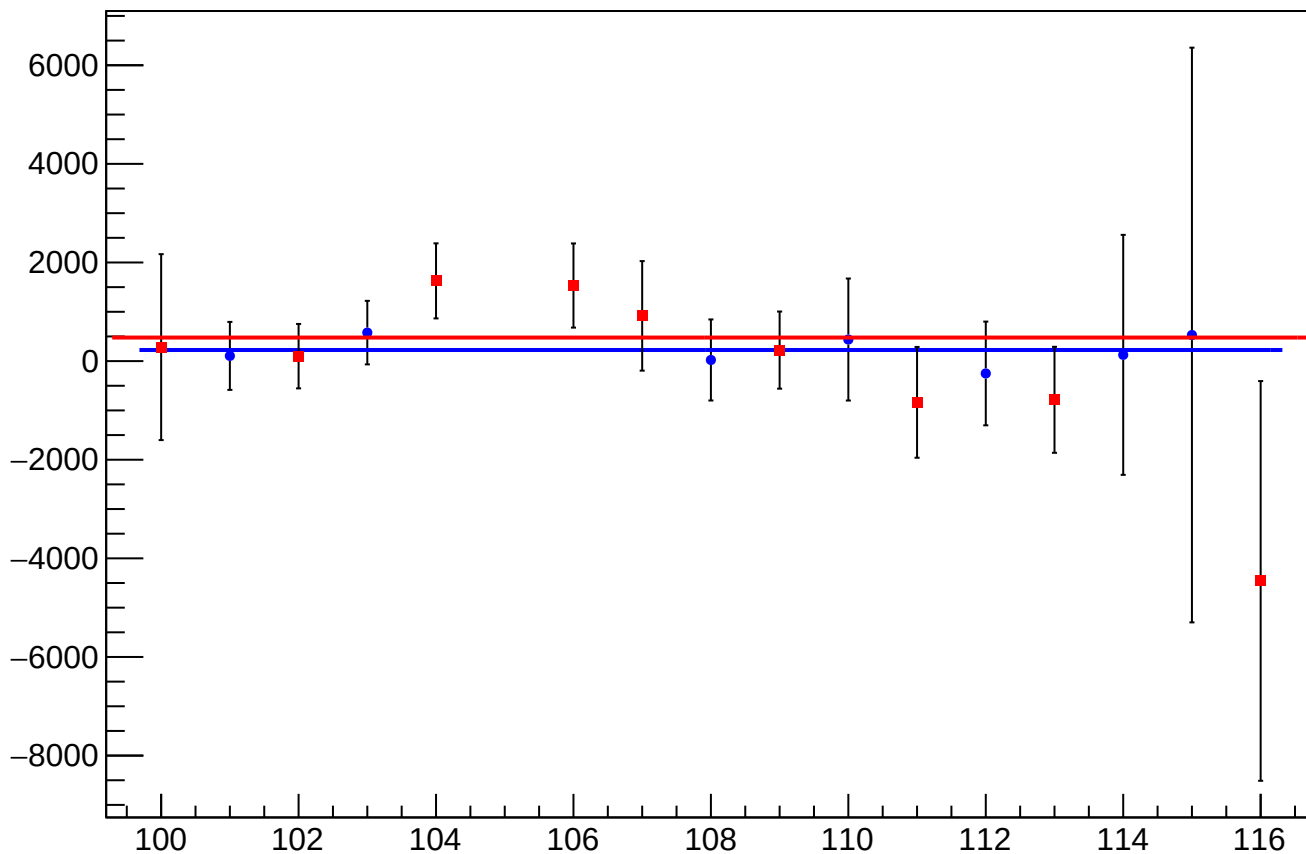
Right: 84.477+/-0.024 χ^2/NDF : 270604.9/15

In: 85.528+/-0.037 χ^2/NDF : 89464.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.477+/-0.024 χ^2/NDF : 270604.9/15

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 225.154+/-359.214 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.708+/-318.003 χ^2/NDF : 8.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

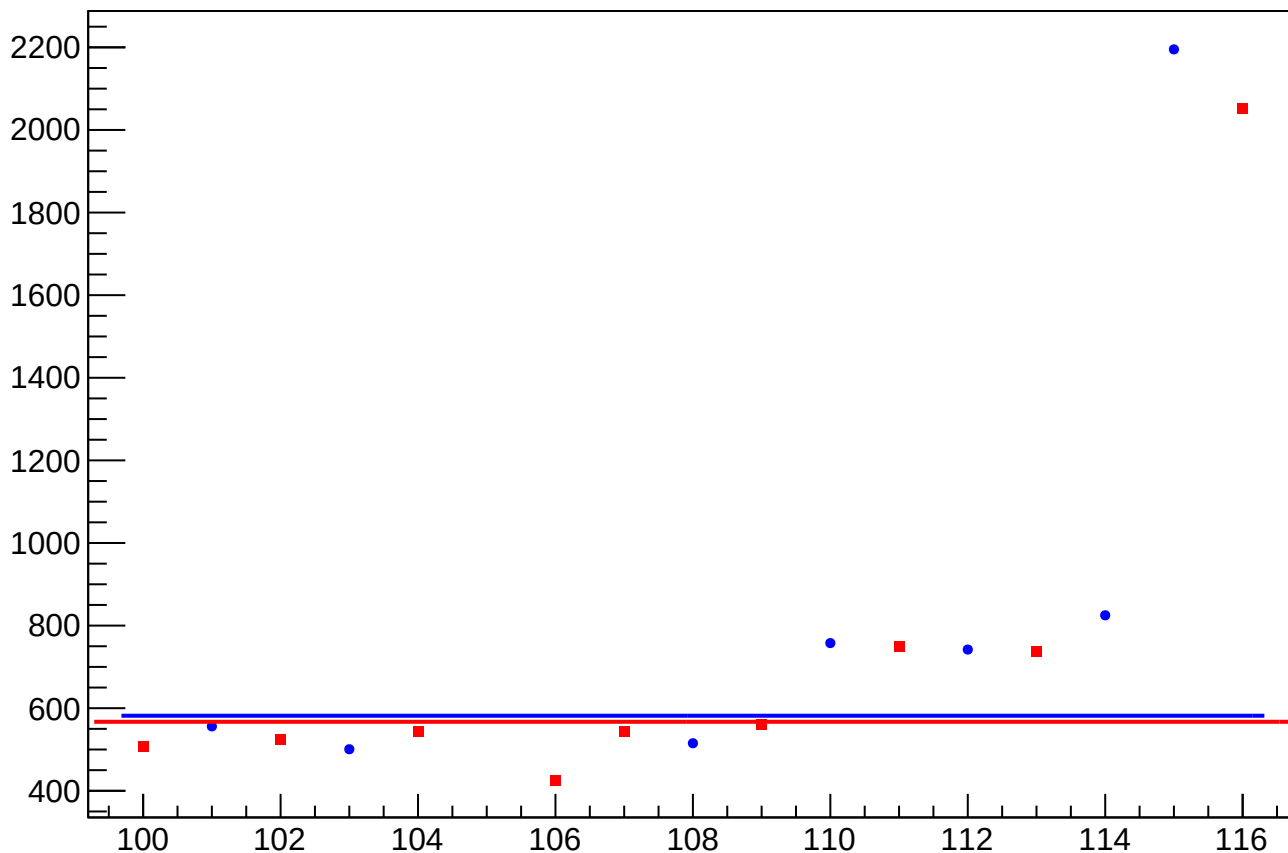
Right: 366.743+/-238.105 χ^2/NDF : 9.6/15

In: 225.154+/-359.214 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.743+/-238.105 χ^2/NDF : 9.6/15

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 581.799+/-0.254 χ^2/NDF : 307758.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.116+/-0.225 χ^2/NDF : 440612.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

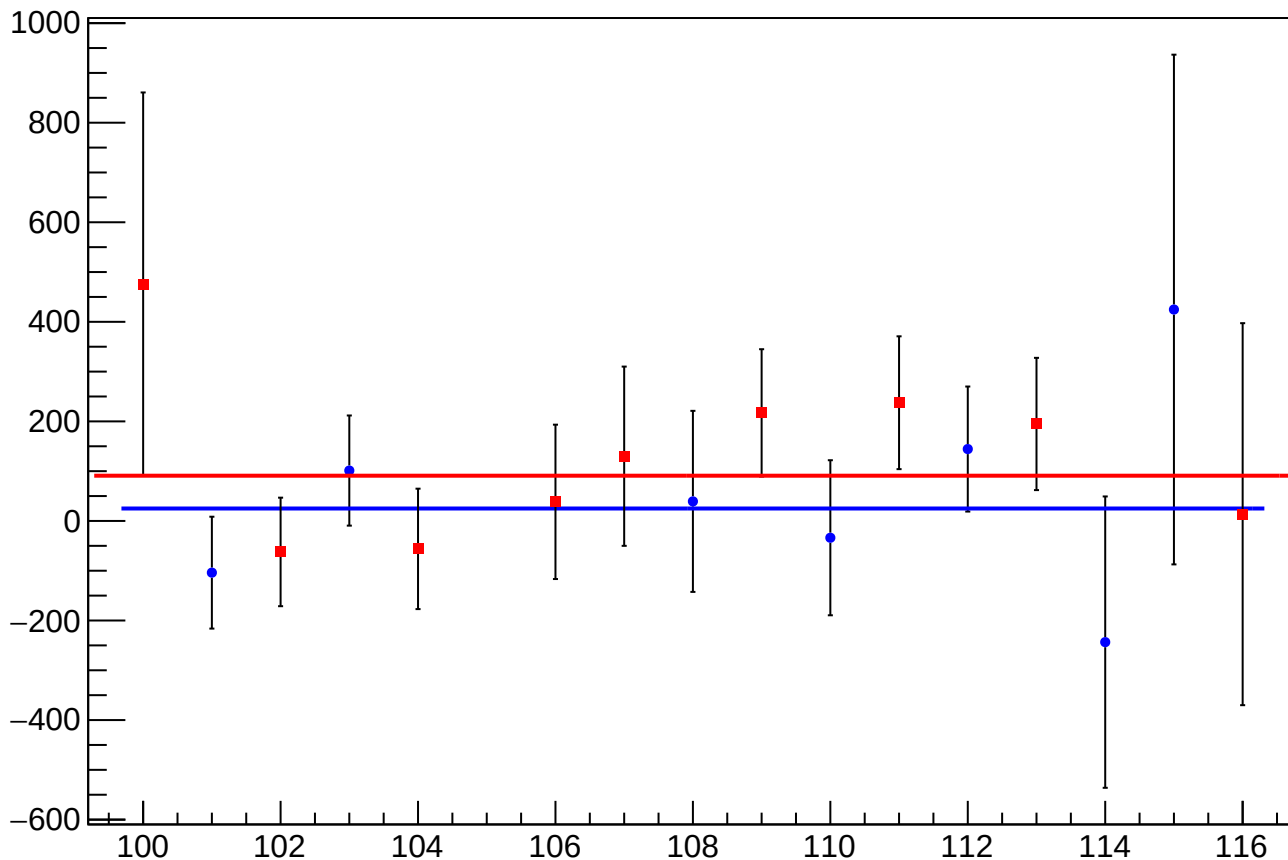
Right: 573.567+/-0.168 χ^2/NDF : 750244.3/15

In: 581.799+/-0.254 χ^2/NDF : 307758.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.567+/-0.168 χ^2/NDF : 750244.3/15

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 24.987+/-56.681 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.886+/-49.236 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

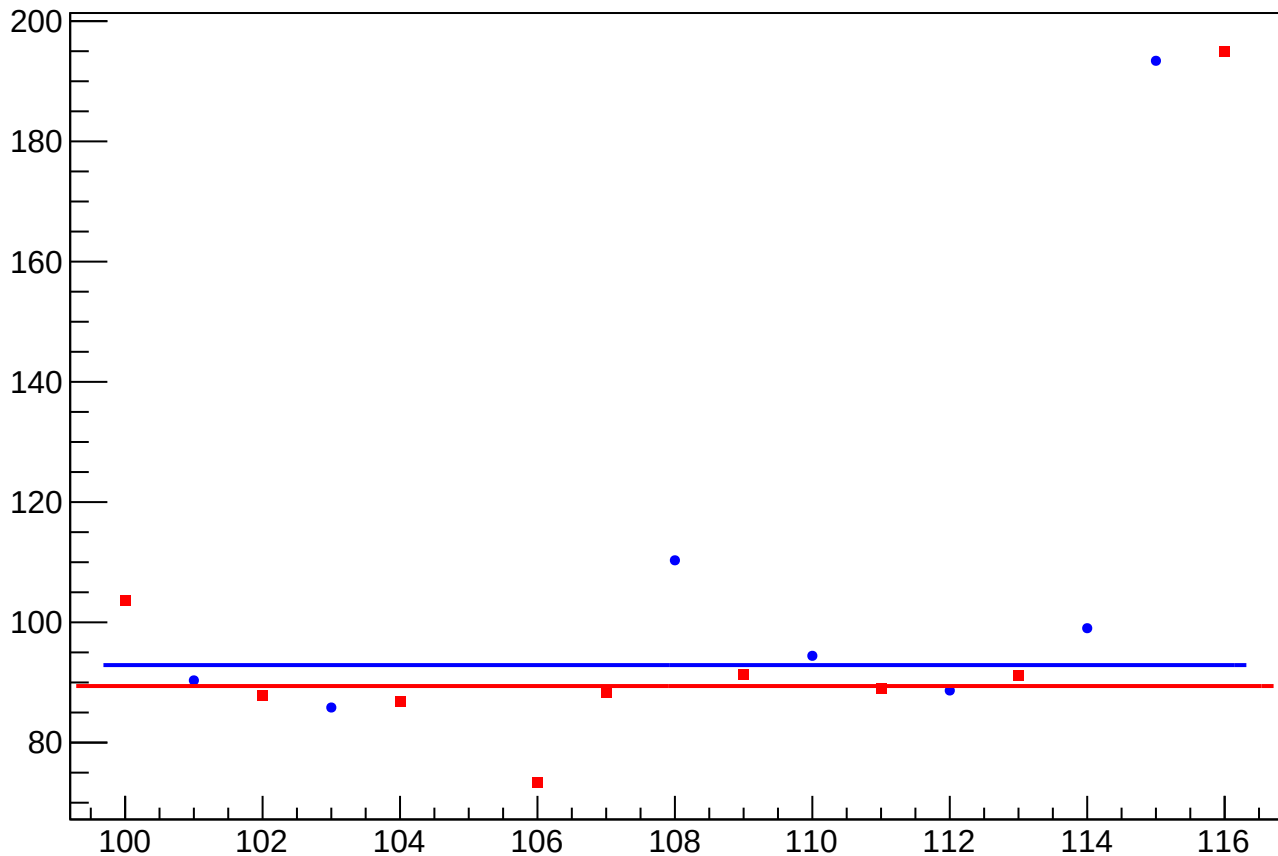
Right: 62.546+/-37.171 χ^2/NDF : 12.5/15

In: 24.987+/-56.681 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.546+/-37.171 χ^2/NDF : 12.5/15

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 92.890+/-0.040 χ^2/NDF : 107963.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 89.405+/-0.035 χ^2/NDF : 177672.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

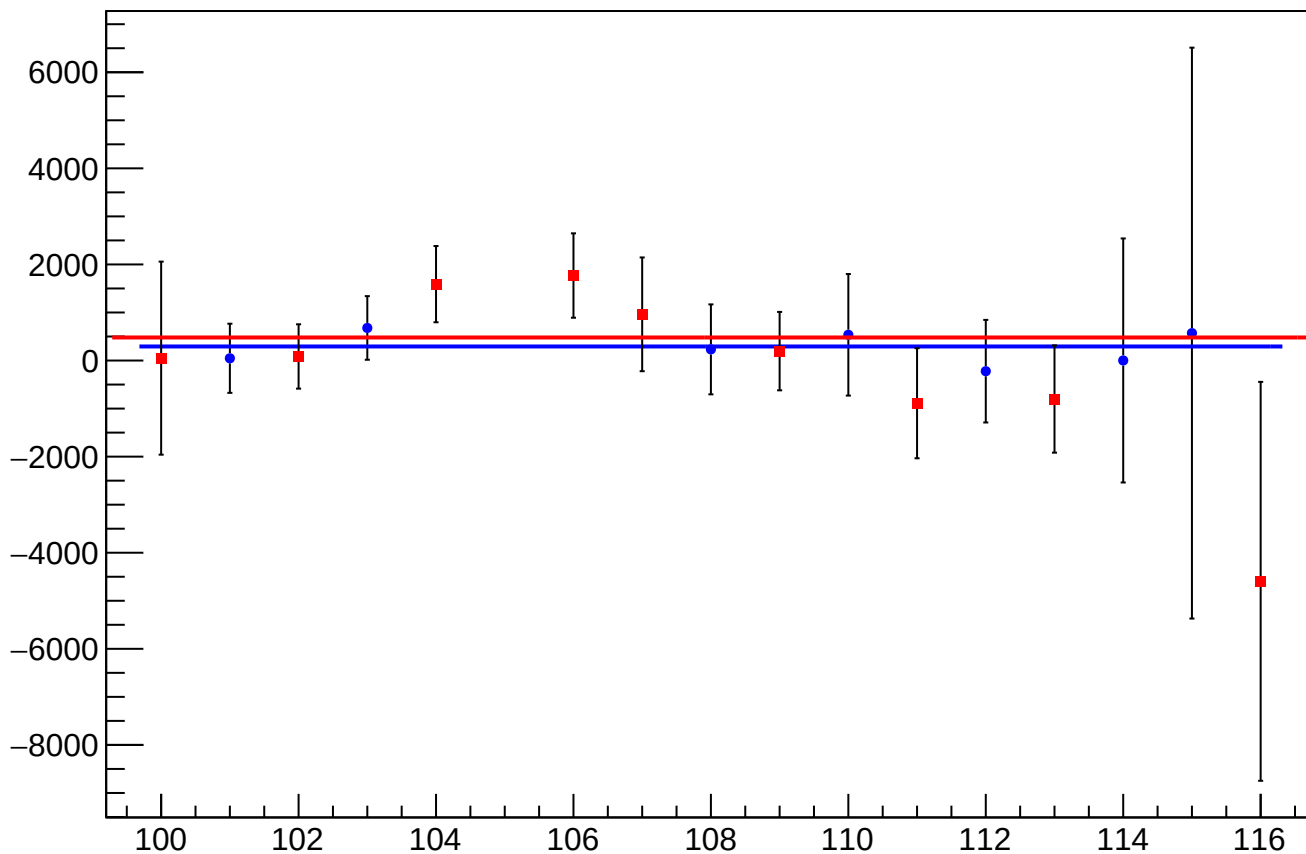
Right: 90.904+/-0.026 χ^2/NDF : 289944.3/15

In: 92.890+/-0.040 χ^2/NDF :107963.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.904+/-0.026 χ^2/NDF : 289944.3/15

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.642+/-376.882 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.963+/-329.649 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

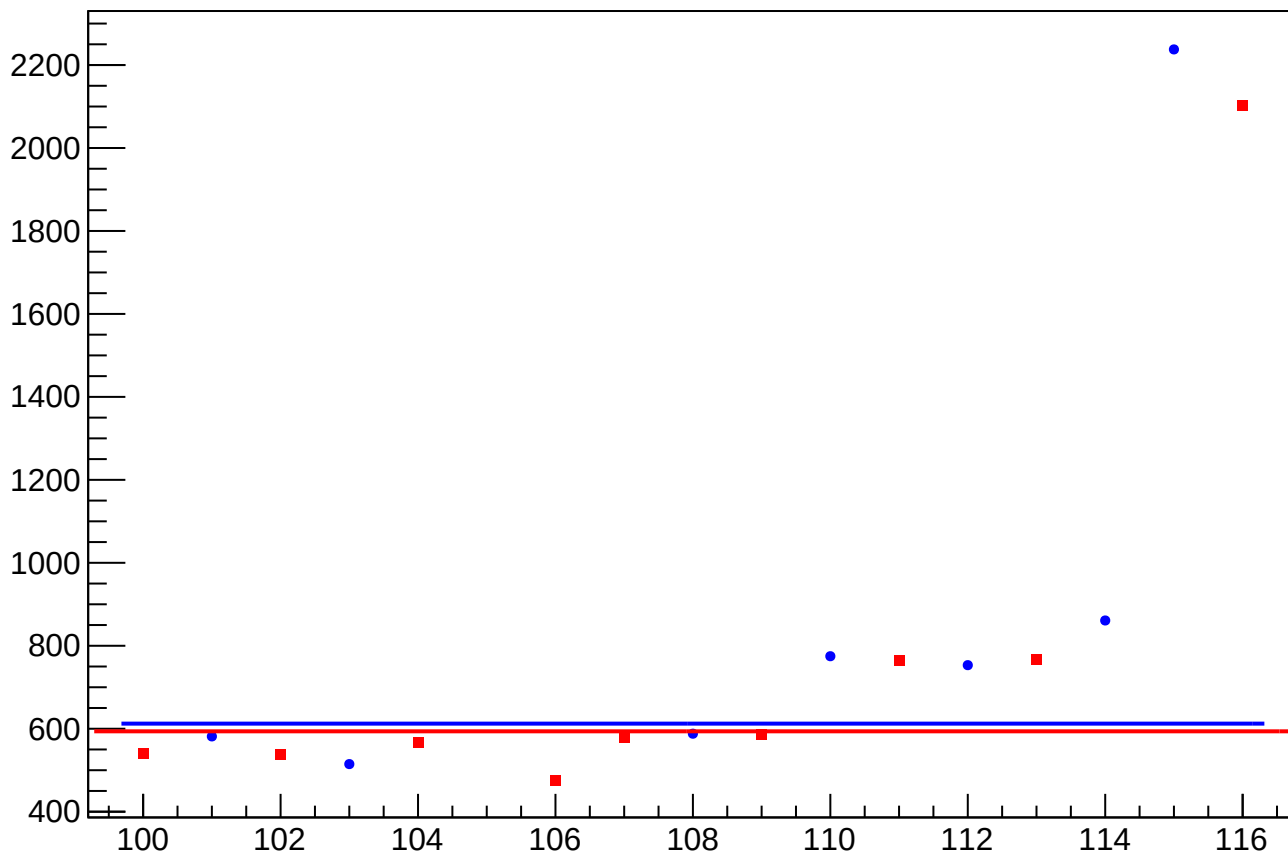
Right: 398.770+/-248.126 χ^2/NDF : 9.9/15

In: 292.642+/-376.882 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.770+/-248.126 χ^2/NDF : 9.9/15

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.311+/-0.266 χ^2/NDF : 285189.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.758+/-0.233 χ^2/NDF : 411676.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

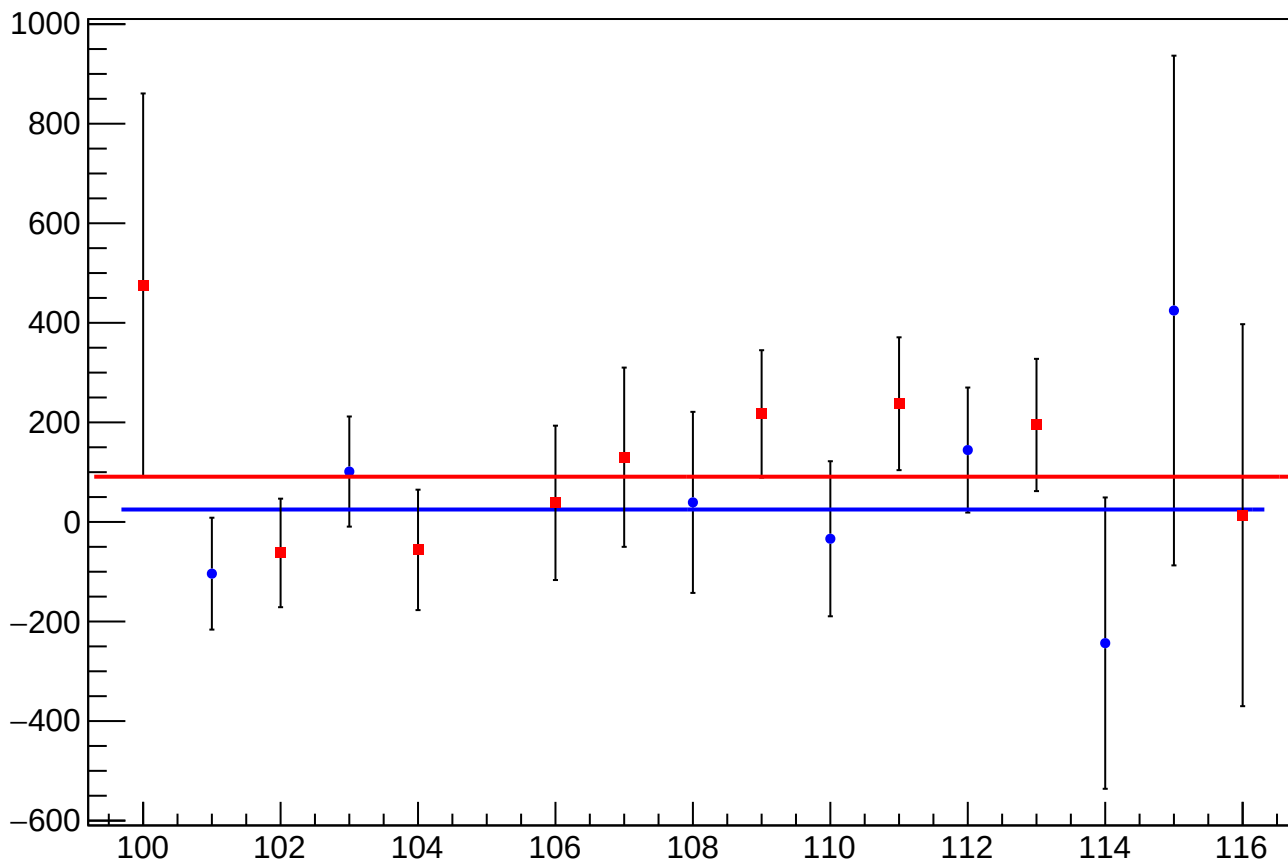
Right: 601.800+/-0.175 χ^2/NDF : 699611.7/15

In: 612.311+/-0.266 χ^2/NDF : 285189.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.800+/-0.175 χ^2/NDF : 699611.7/15

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 24.986+/-56.681 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.887+/-49.236 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

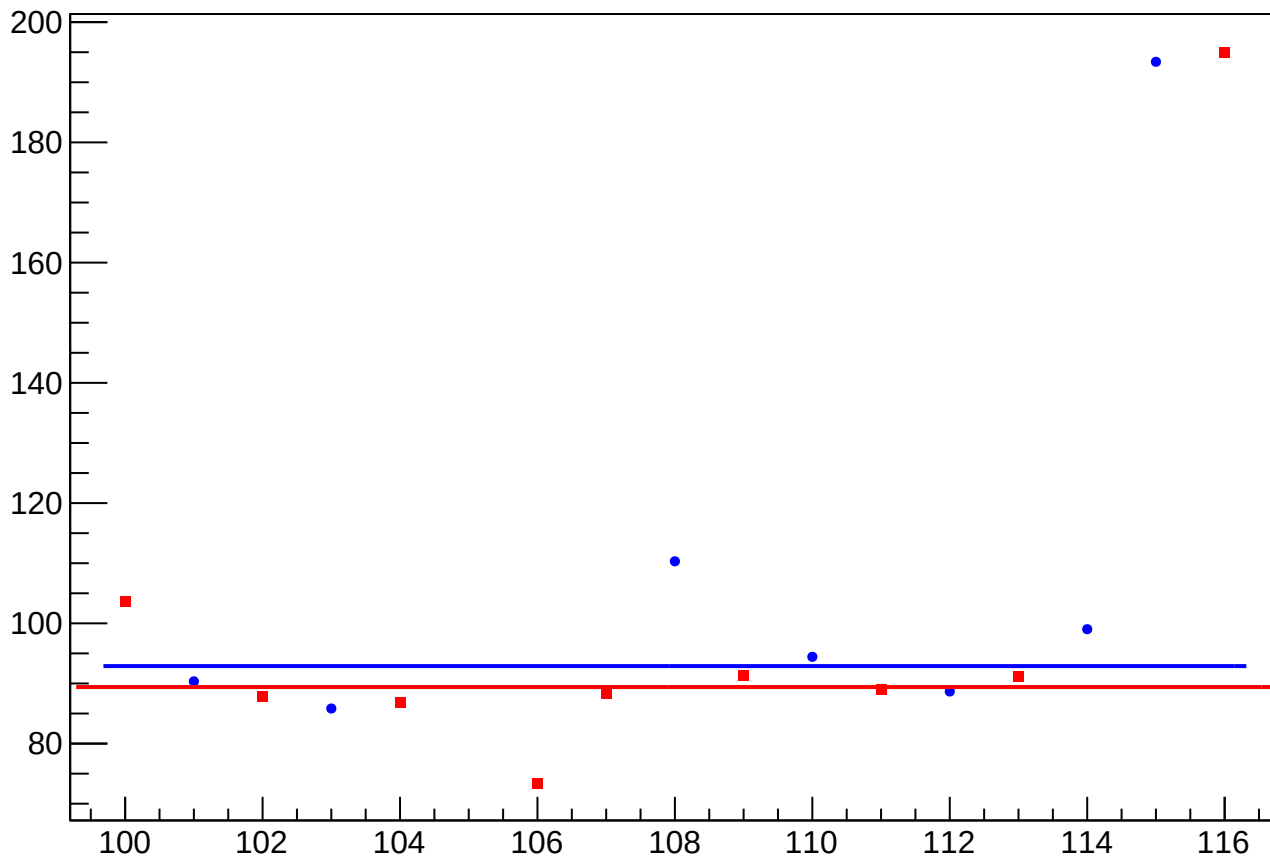
Right: 62.546+/-37.171 χ^2/NDF : 12.5/15

In: 24.986+/-56.681 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.546+/-37.171 χ^2/NDF : 12.5/15

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 92.890 $\pm$ 0.040 χ^2 /NDF: 107964.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.405 $\pm$ 0.035 χ^2 /NDF: 177673.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

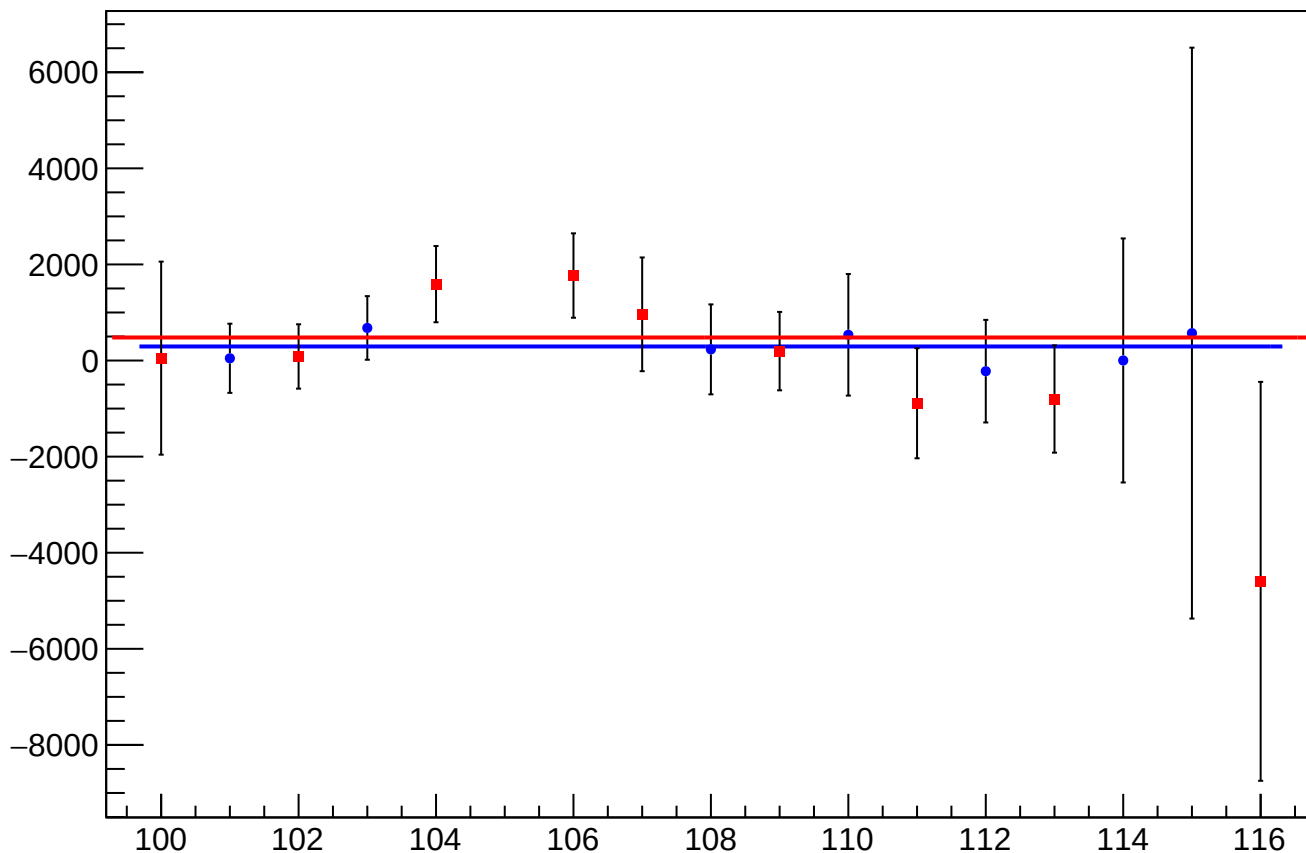
Right: 90.904 $\pm$ 0.026 χ^2 /NDF: 289945.2/15

In: 92.890 $\pm$ 0.040 χ^2 /NDF:107964.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.904 $\pm$ 0.026 χ^2 /NDF: 289945.2/15

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.641+/-376.882 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.963+/-329.649 χ^2/NDF : 9.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

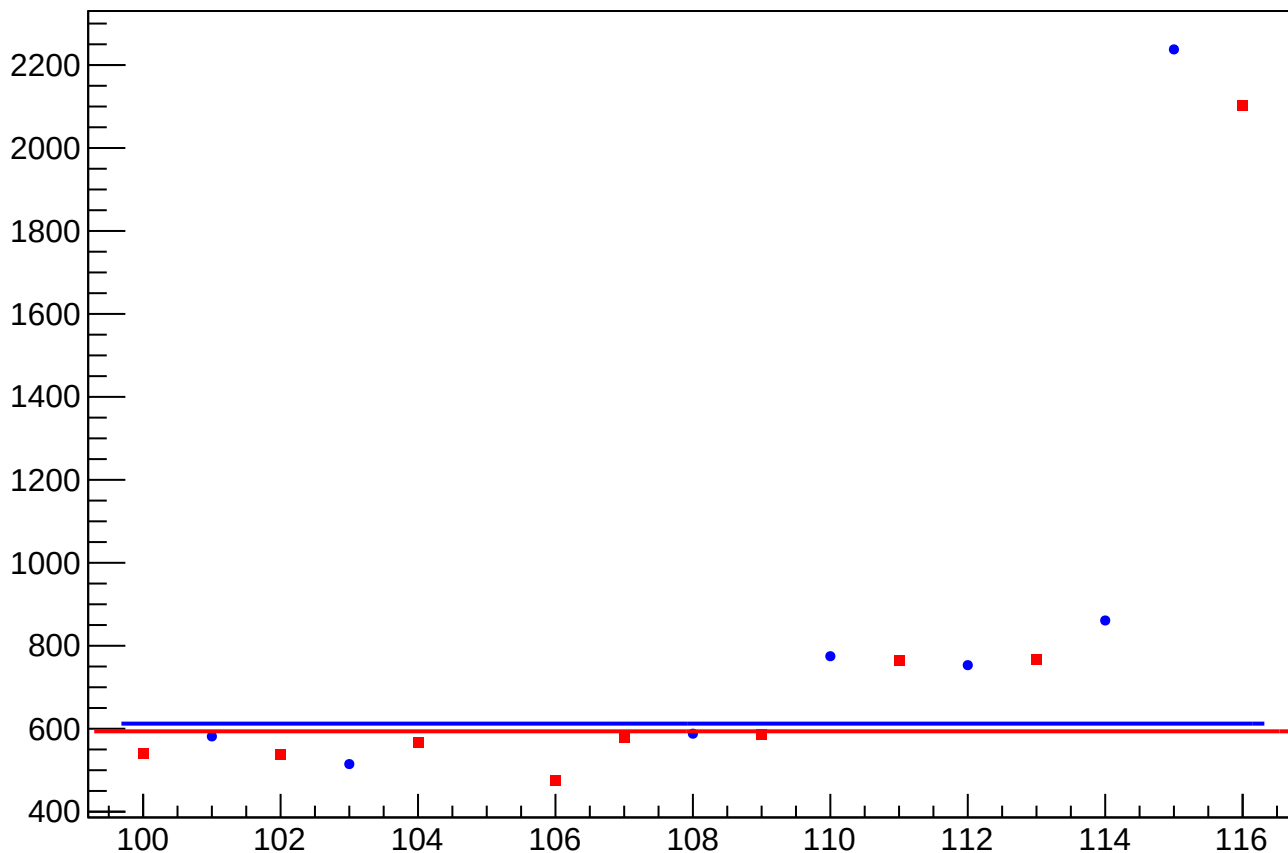
Right: 398.769+/-248.126 χ^2/NDF : 9.9/15

In: 292.641+/-376.882 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.769+/-248.126 χ^2/NDF : 9.9/15

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.311+/-0.266 χ^2/NDF : 285189.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.758+/-0.233 χ^2/NDF : 411676.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

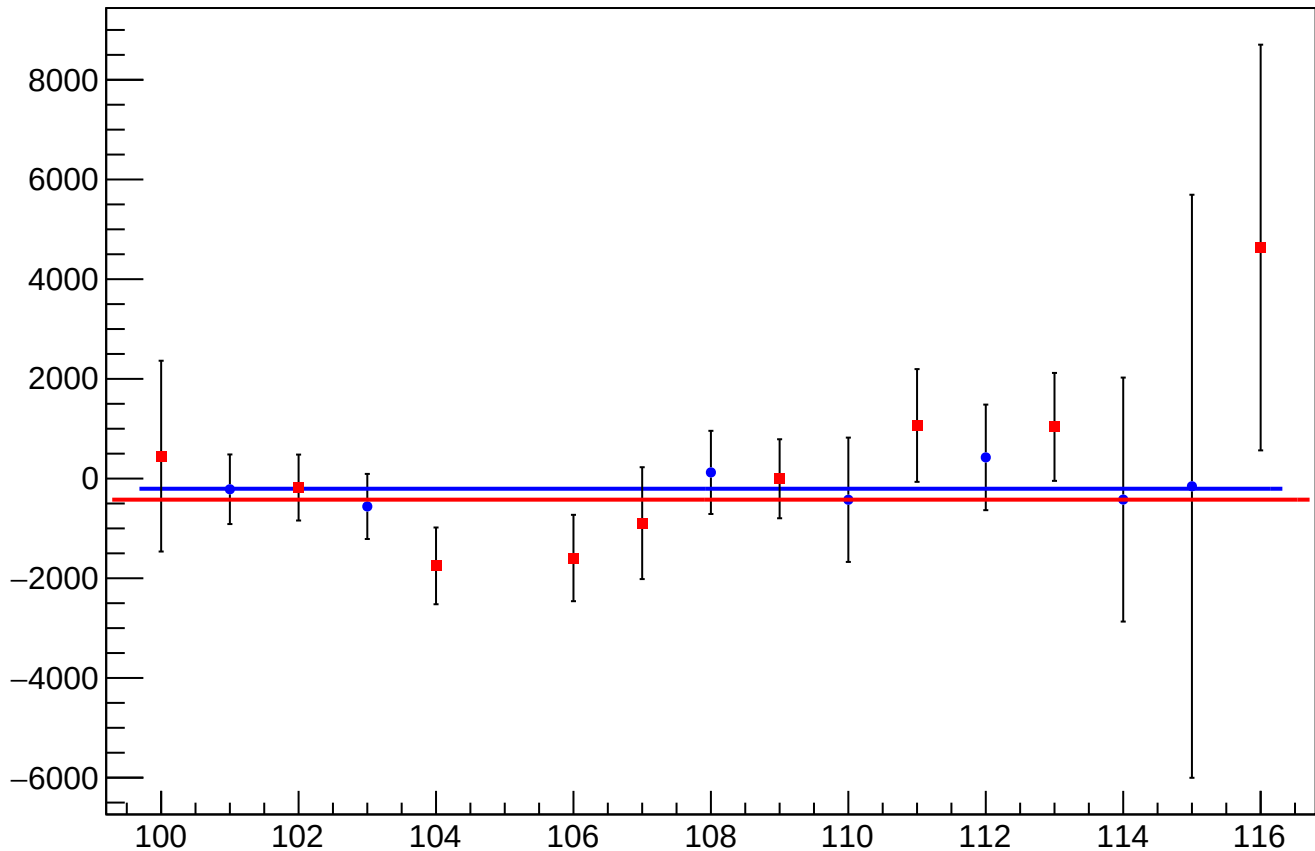
Right: 601.799+/-0.175 χ^2/NDF : 699611.7/15

In: 612.311+/-0.266 χ^2/NDF : 285189.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.799+/-0.175 χ^2/NDF : 699611.7/15

asym_sam5_mean vs Slug, Sign Corrected



Right In: -203.975+/-363.553 χ^2/NDF : 0.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -423.082+/-321.734 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

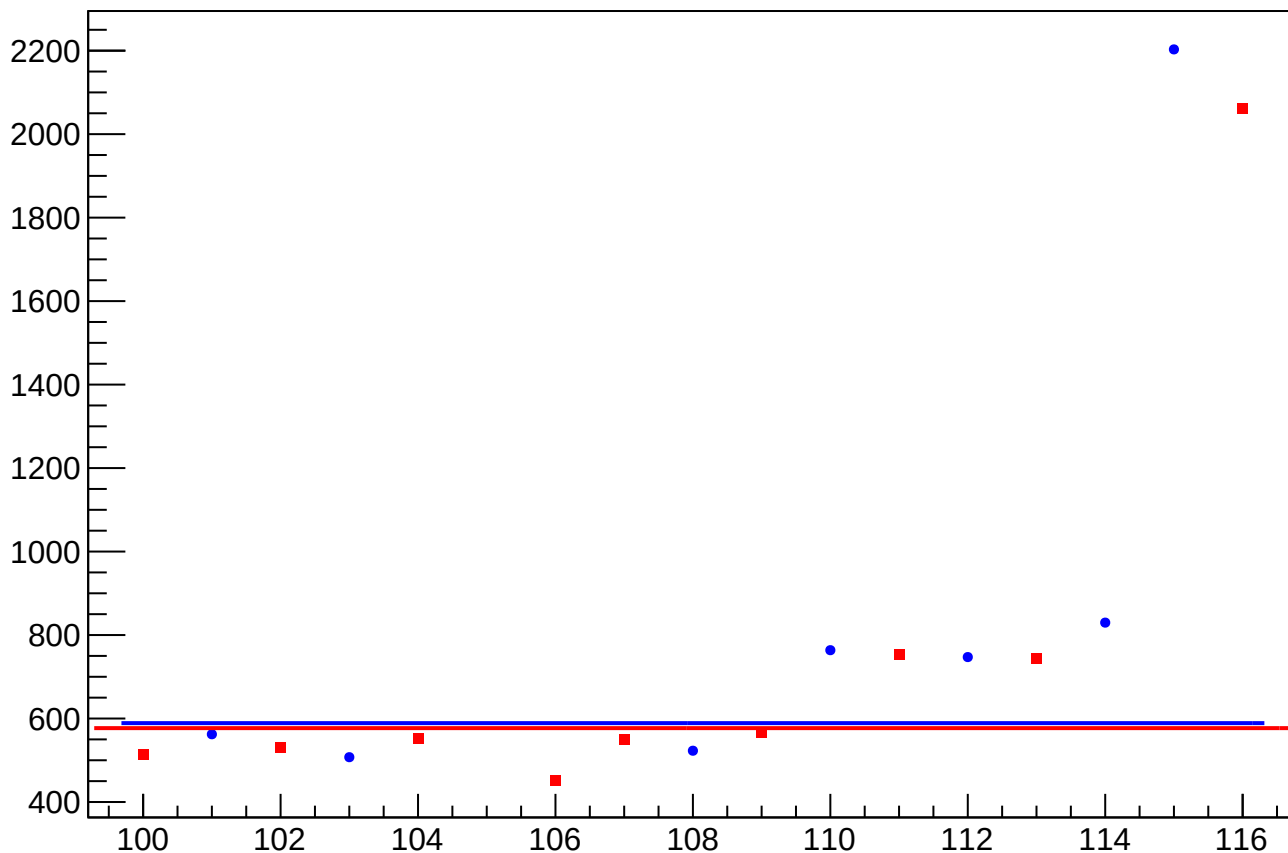
Right: -326.850+/-240.935 χ^2/NDF : 11.7/15

In: -203.975+/-363.553 χ^2/NDF : 0.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.850+/-240.935 χ^2/NDF : 11.7/15

asym_sam5_rms vs Slug, Sign Corrected



Right In: 588.940 $\pm$ 0.257 χ^2 /NDF: 302356.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 576.982 $\pm$ 0.227 χ^2 /NDF: 419851.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

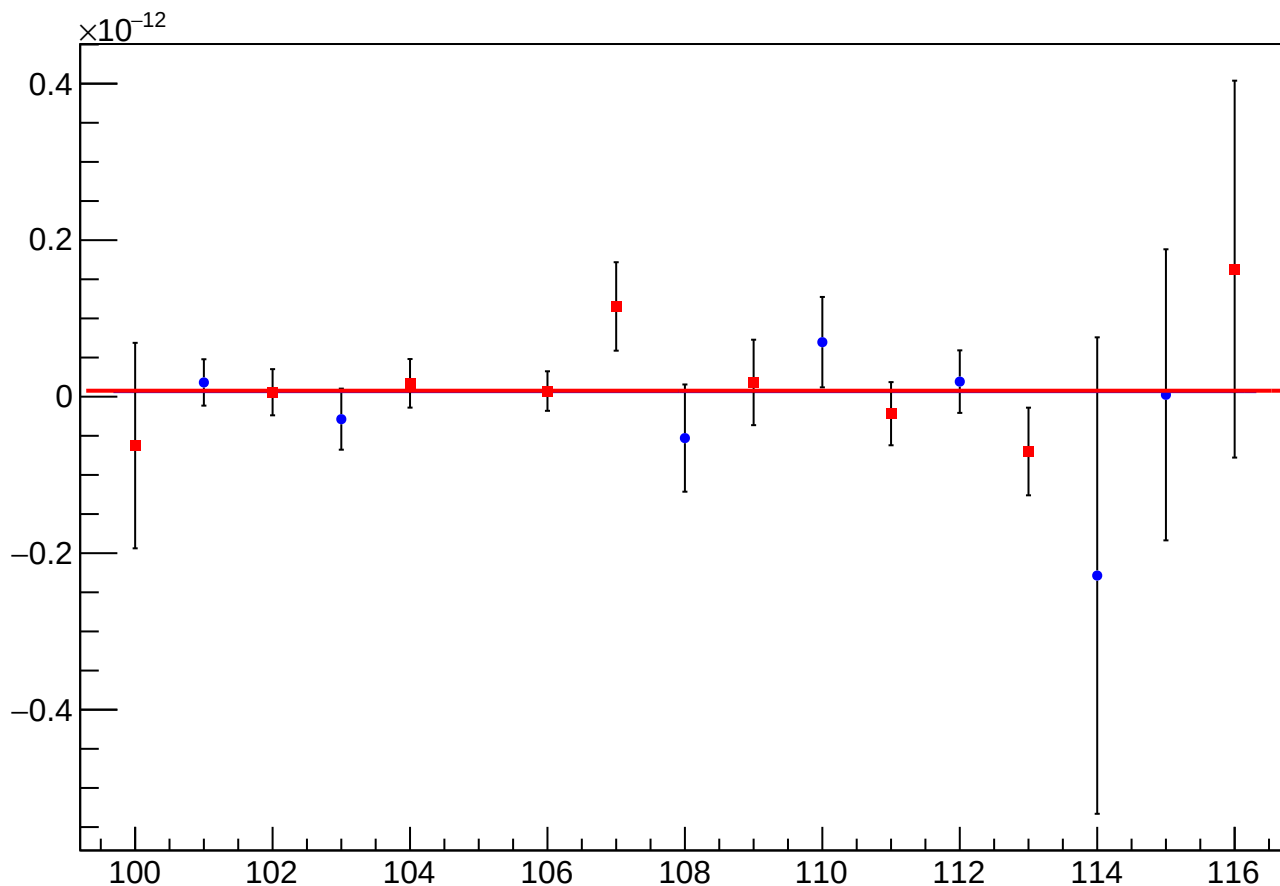
Right: 582.234 $\pm$ 0.170 χ^2 /NDF: 723420.9/15

In: 588.940 $\pm$ 0.257 χ^2 /NDF:302356.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 582.234 $\pm$ 0.170 χ^2 /NDF: 723420.9/15

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

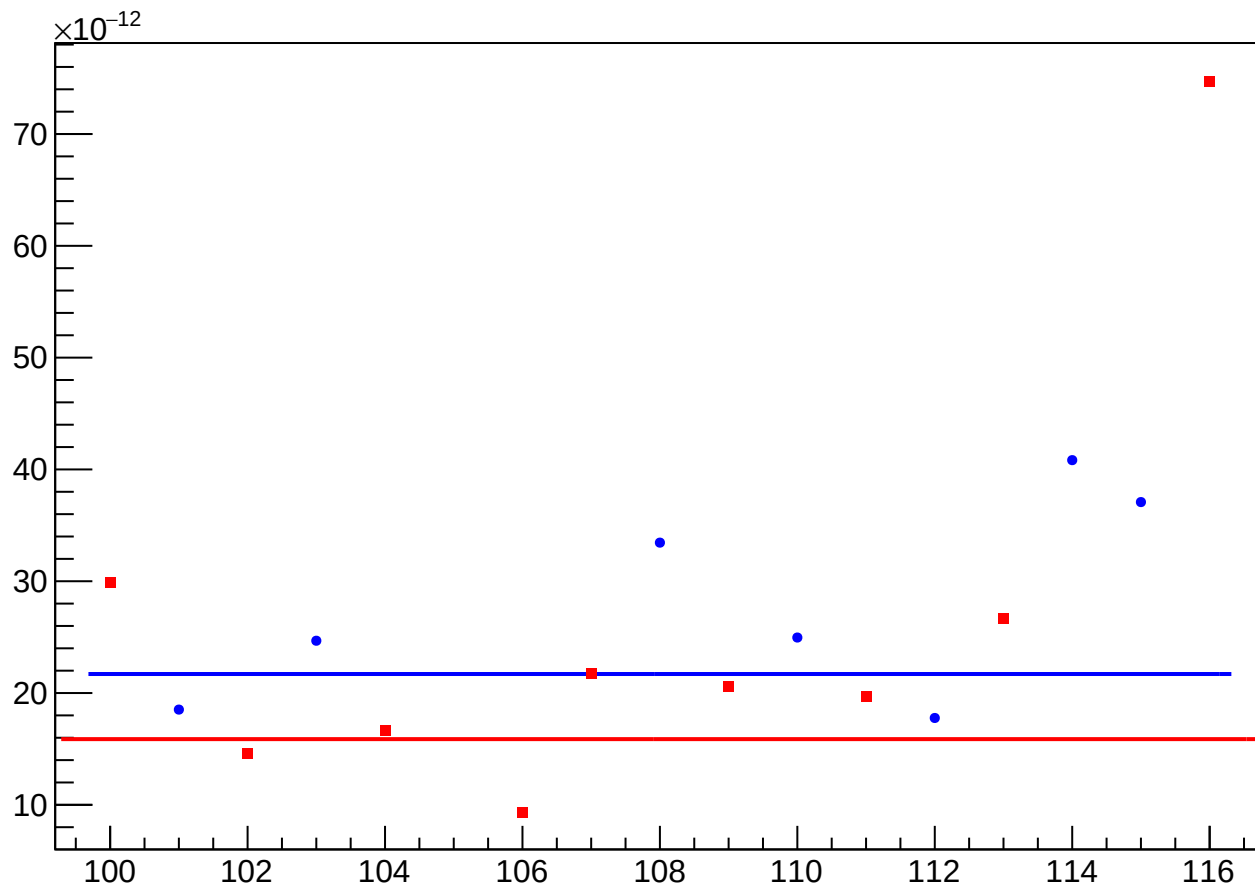
Right: 0.000+/-0.000 χ^2/NDF : 10.5/15

In: 0.000+/-0.000 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/15

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 140867.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 411116.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

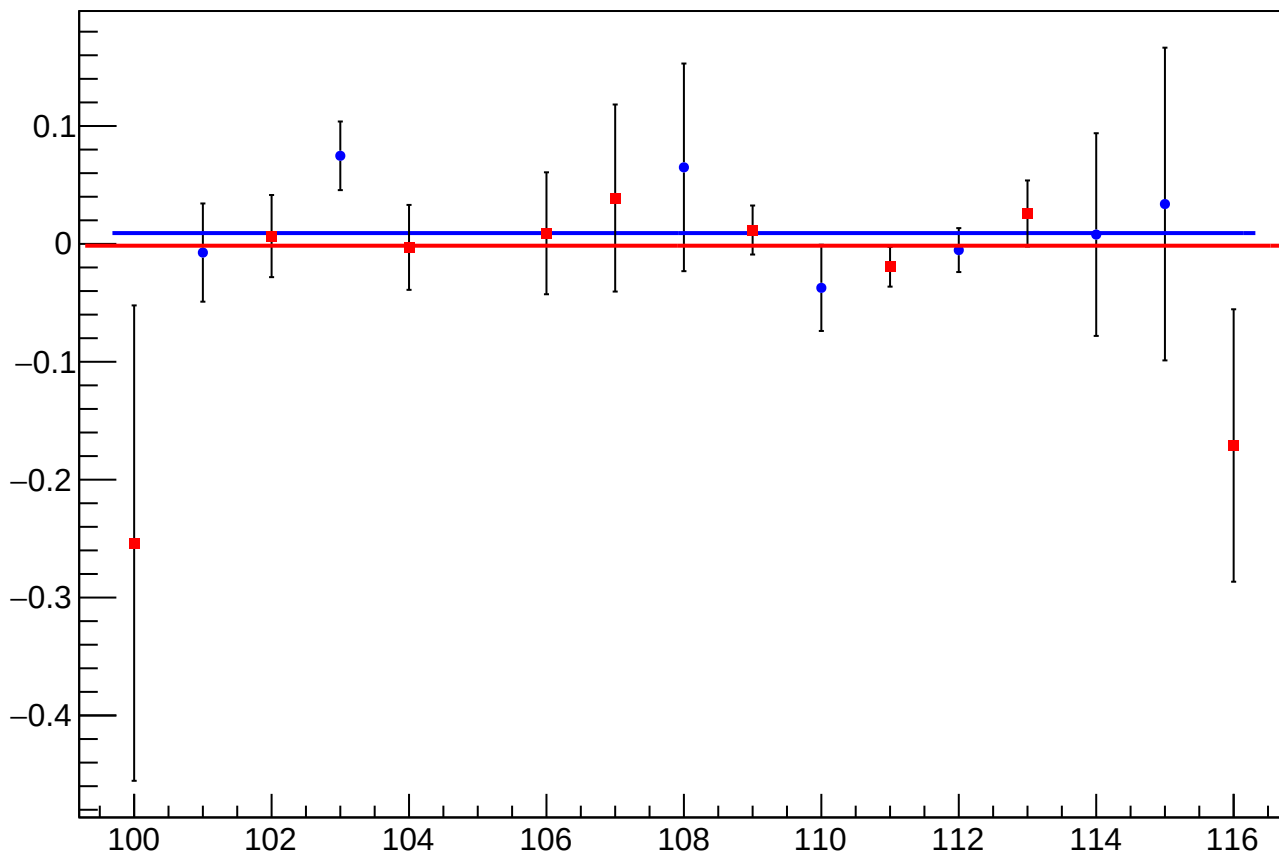
Right: 0.000+/-0.000 χ^2/NDF : 682180.1/15

In: 0.000+/-0.000 χ^2/NDF : 140867.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 682180.1/15

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.013 χ^2/NDF : 7.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

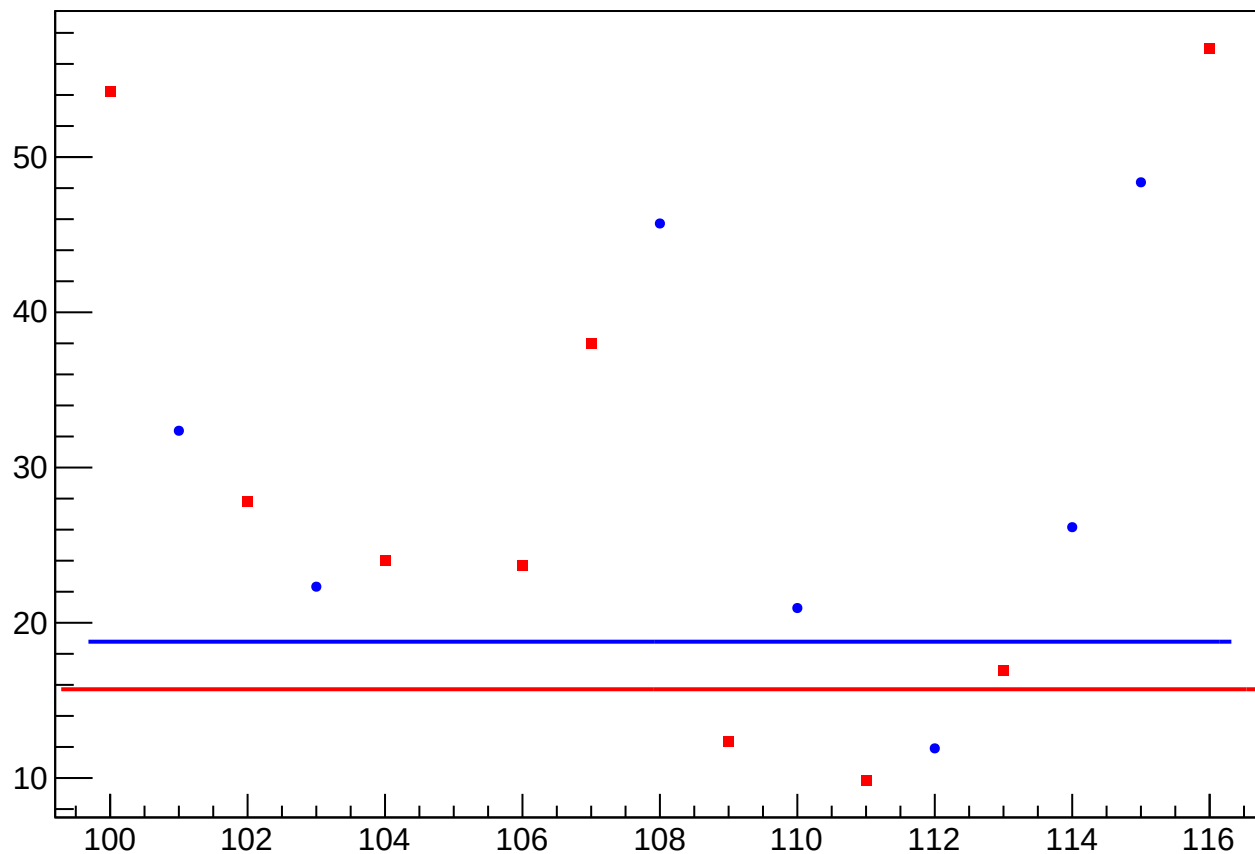
Right: 0.003+/-0.008 χ^2/NDF : 14.8/15

In: 0.009+/-0.013 χ^2/NDF : 7.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 14.8/15

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.782+/-0.009 χ^2/NDF : 822948.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.718+/-0.007 χ^2/NDF : 1181859.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

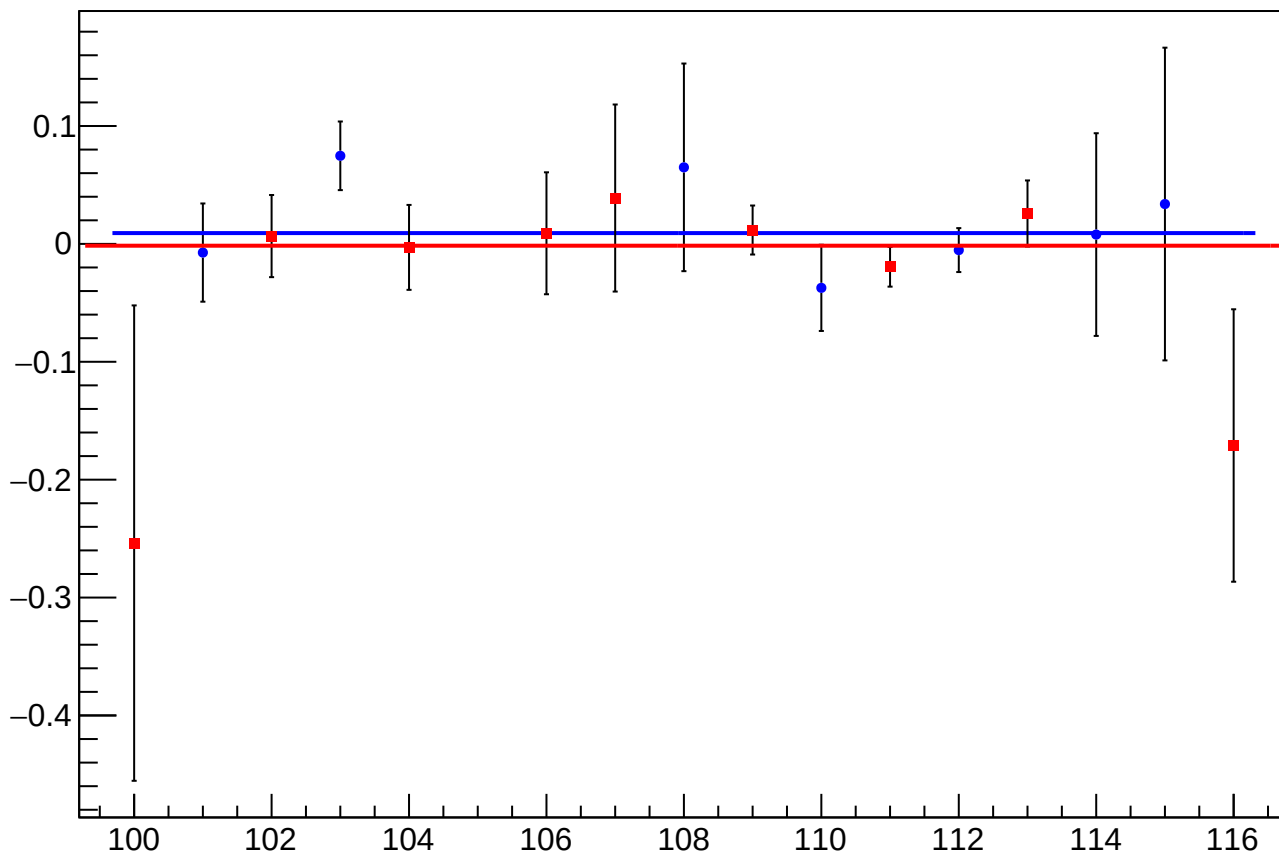
Right: 16.880+/-0.006 χ^2/NDF : 2071304.8/15

In: 18.782+/-0.009 χ^2/NDF : 822948.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.880+/-0.006 χ^2/NDF : 2071304.8/15

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.013 χ^2/NDF : 7.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

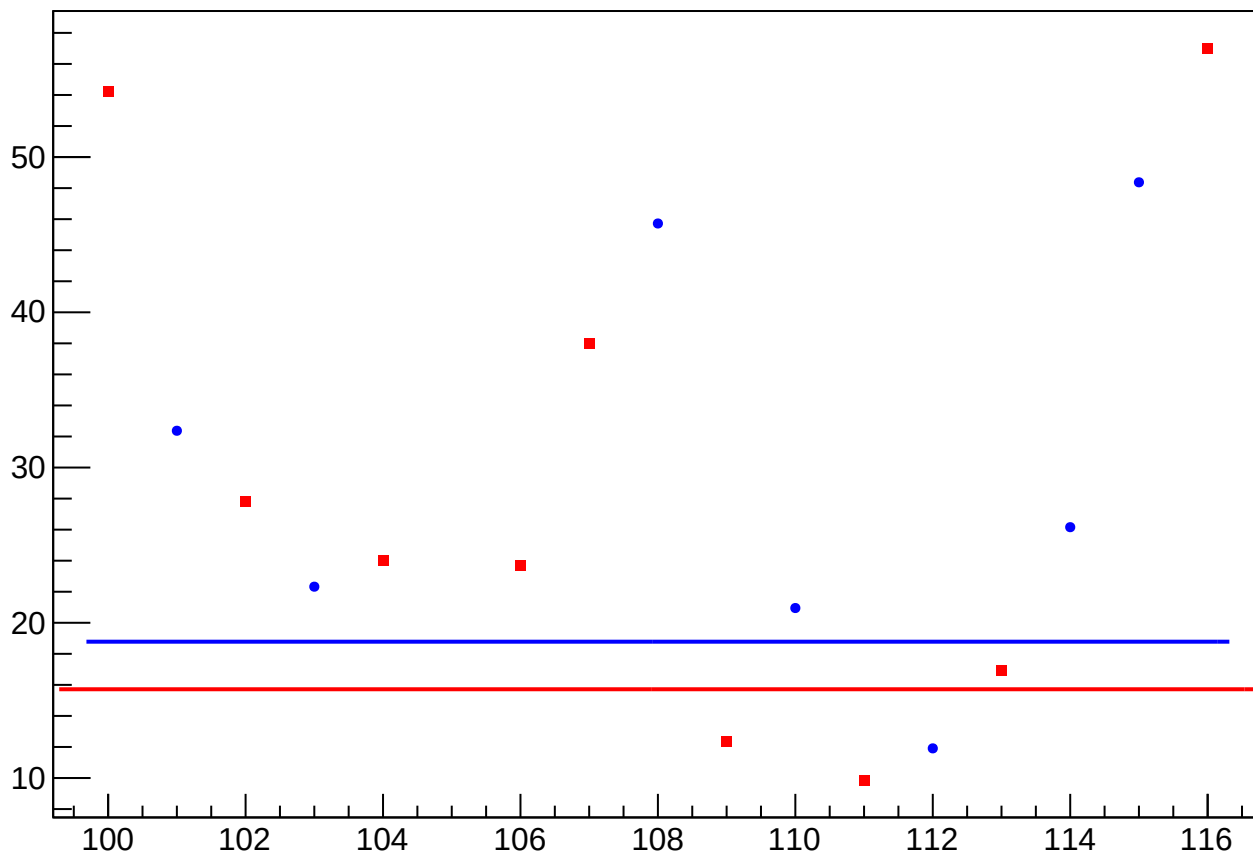
Right: 0.003+/-0.008 χ^2/NDF : 14.8/15

In: 0.009+/-0.013 χ^2/NDF : 7.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 14.8/15

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.782+/-0.009 χ^2/NDF : 822948.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.718+/-0.007 χ^2/NDF : 1181859.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

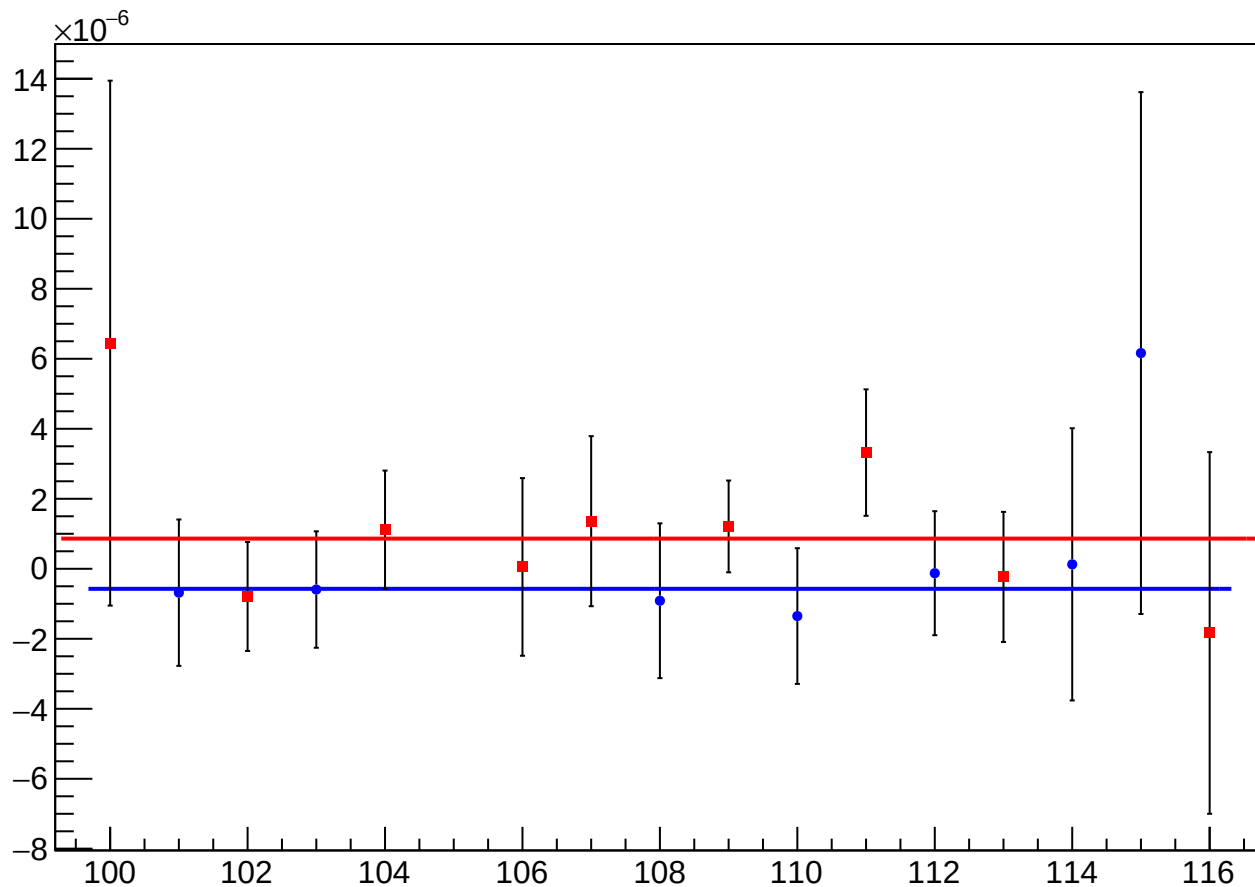
Right: 16.880+/-0.006 χ^2/NDF : 2071304.8/15

In: 18.782+/-0.009 χ^2/NDF :822948.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.880+/-0.006 χ^2/NDF : 2071304.8/15

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

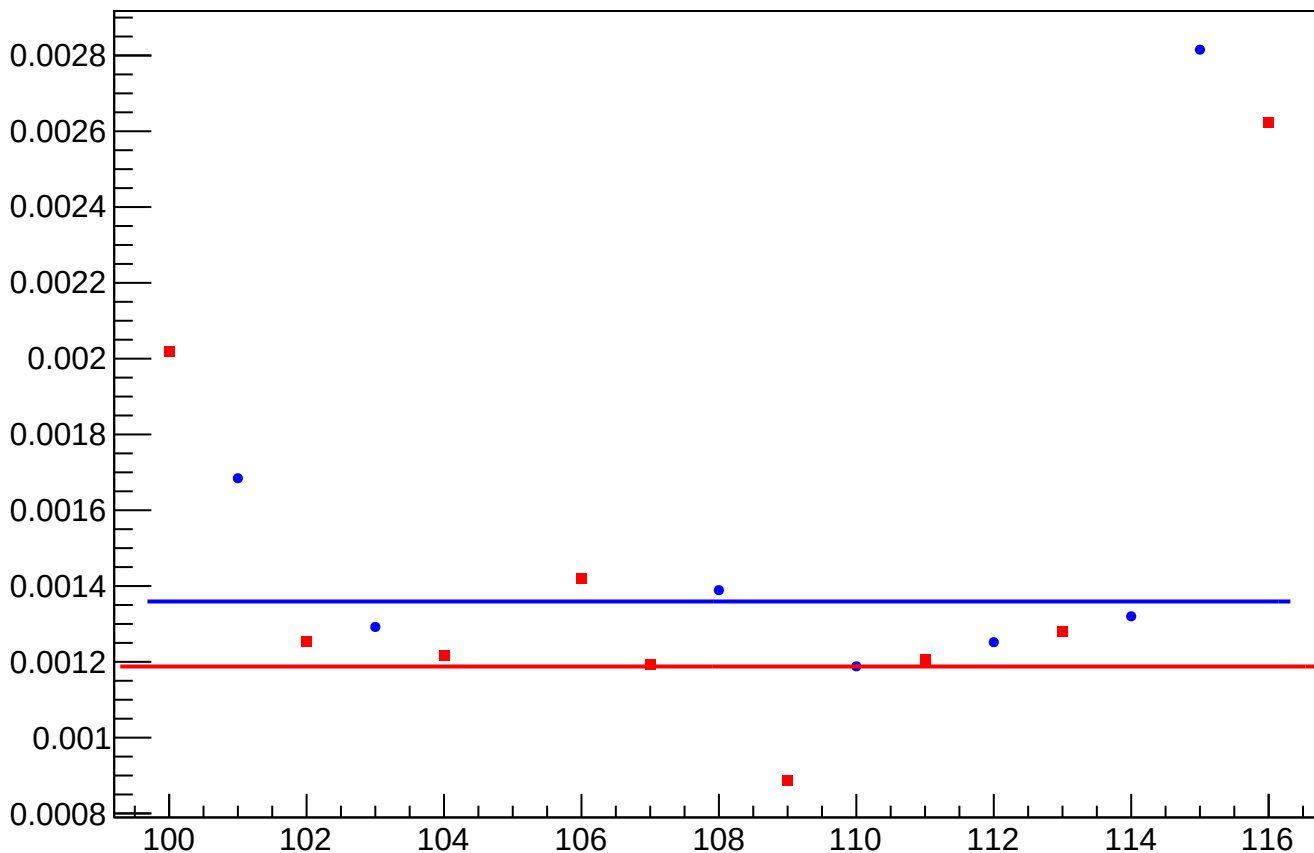
Right: 0.000+/-0.000 χ^2/NDF : 7.3/15

In: -0.000+/-0.000 χ^2/NDF : 1.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.3/15

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 151439.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 310144.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

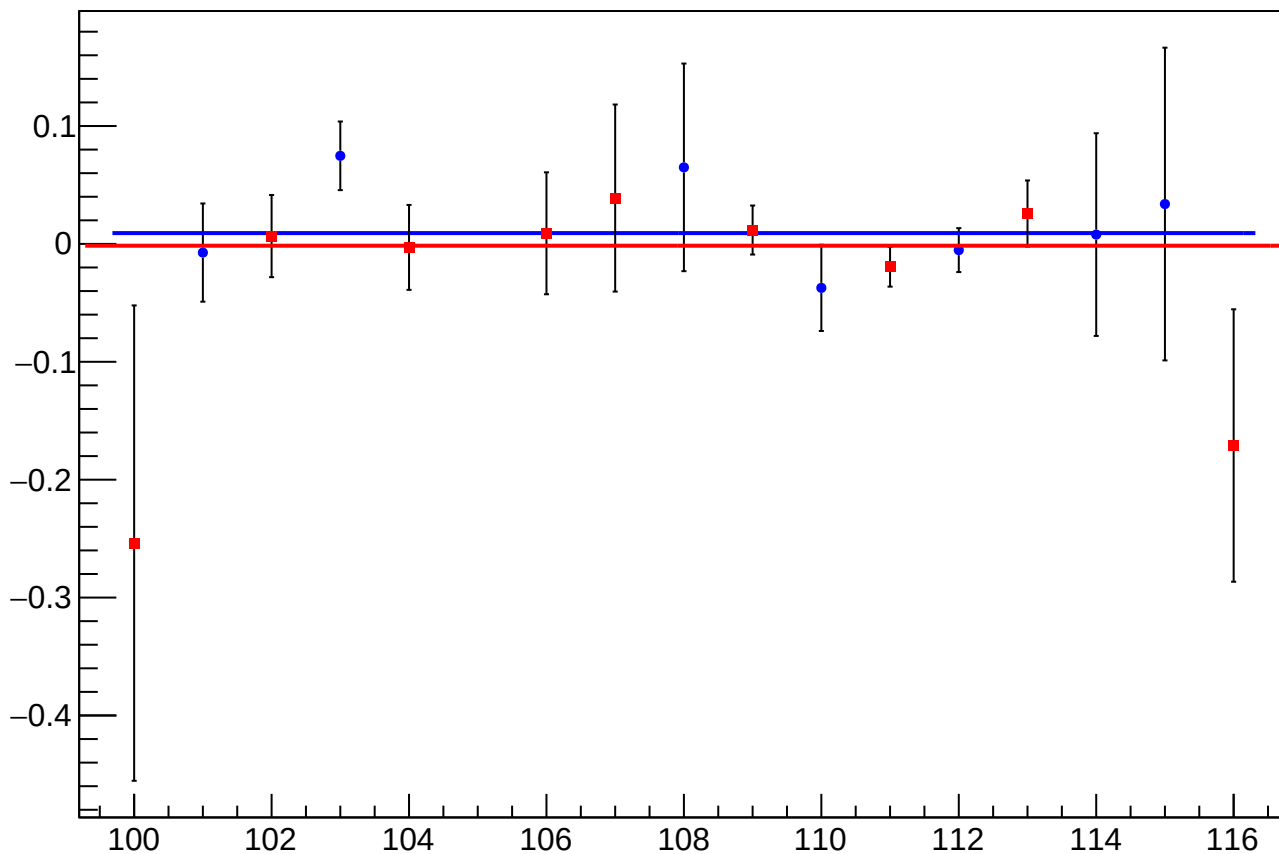
Right: 0.001+/-0.000 χ^2/NDF : 514417.2/15

In: 0.001+/-0.000 χ^2/NDF : 151439.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 514417.2/15

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.010 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

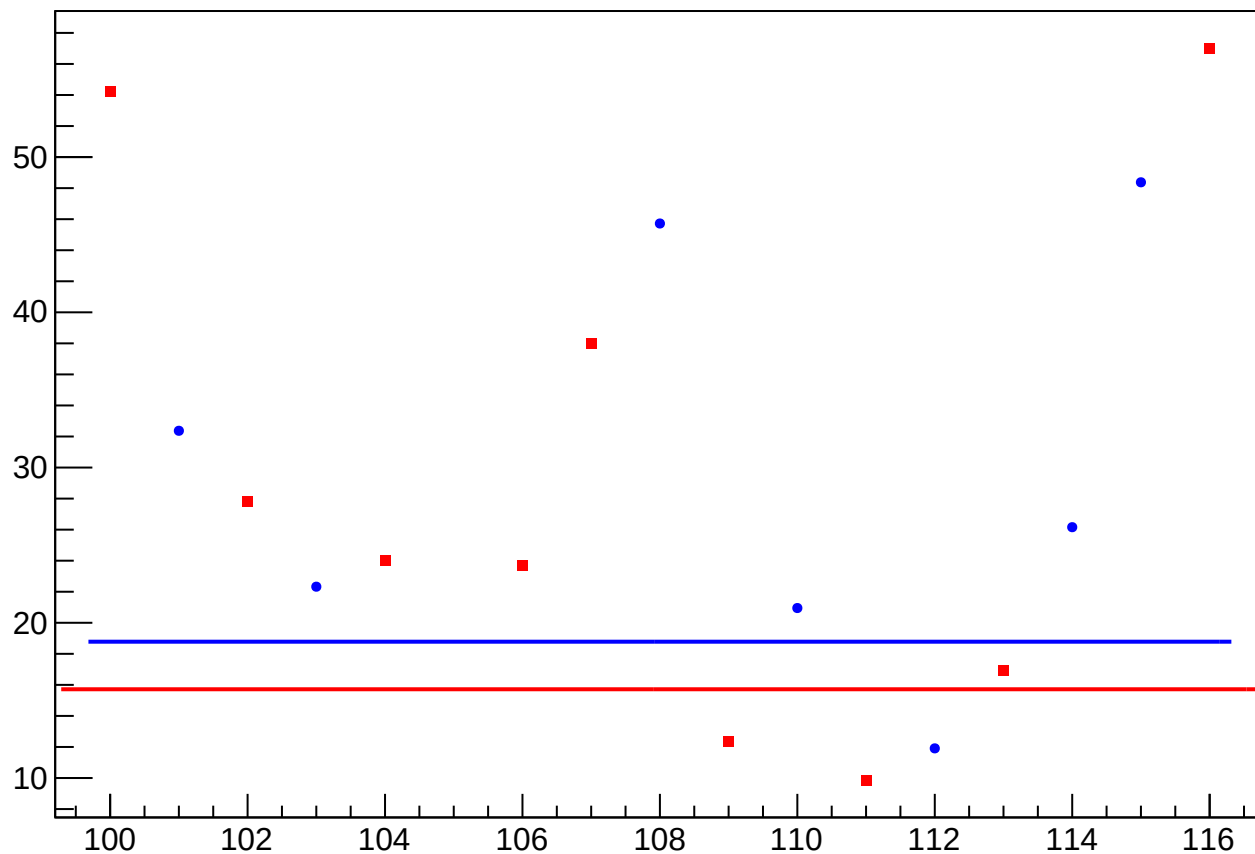
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 14.8/15

In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 14.8/15

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.782 $\pm$ 0.009 χ^2 /NDF: 822942.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.717 $\pm$ 0.007 χ^2 /NDF: 1181900.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

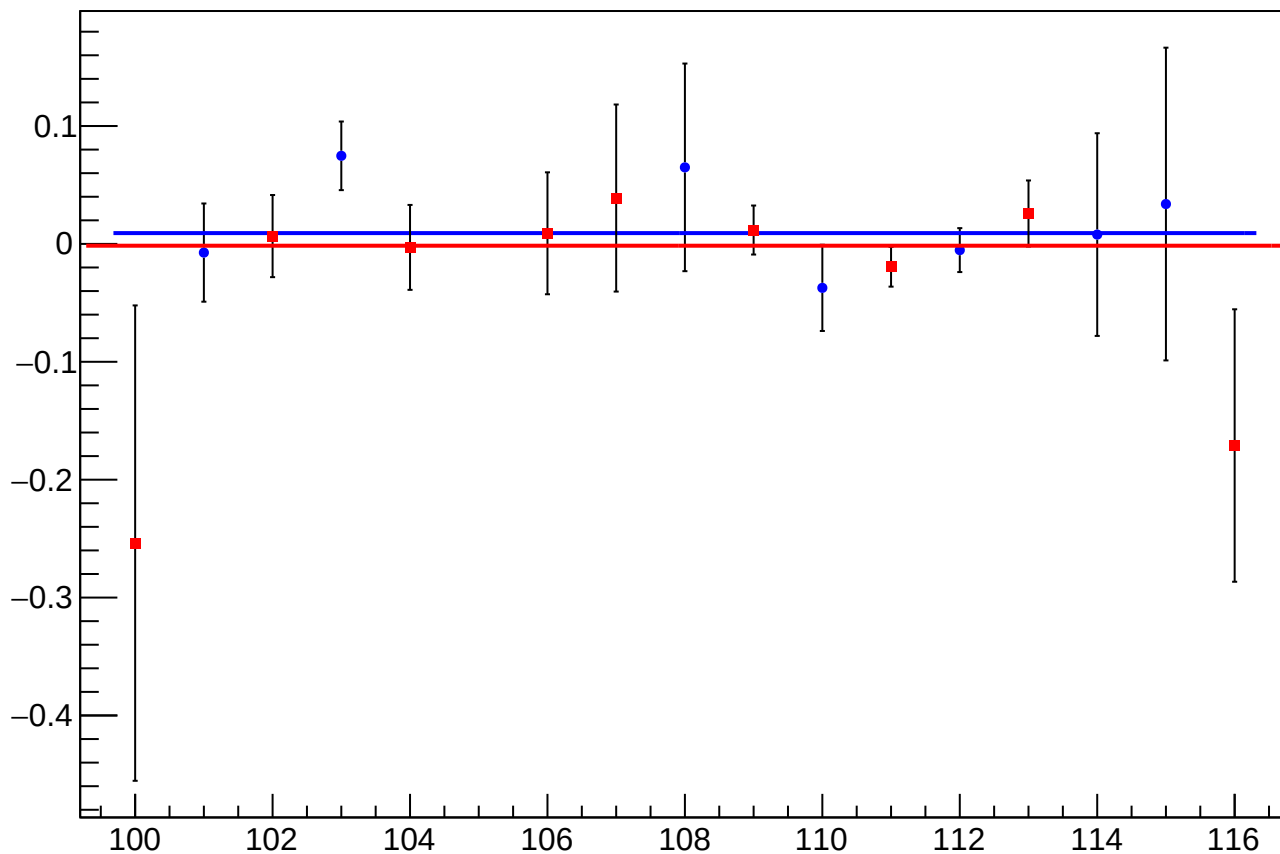
Right: 16.880 $\pm$ 0.006 χ^2 /NDF: 2071346.9/15

In: 18.782 $\pm$ 0.009 χ^2 /NDF:822942.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.880 $\pm$ 0.006 χ^2 /NDF: 2071346.9/15

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.010 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

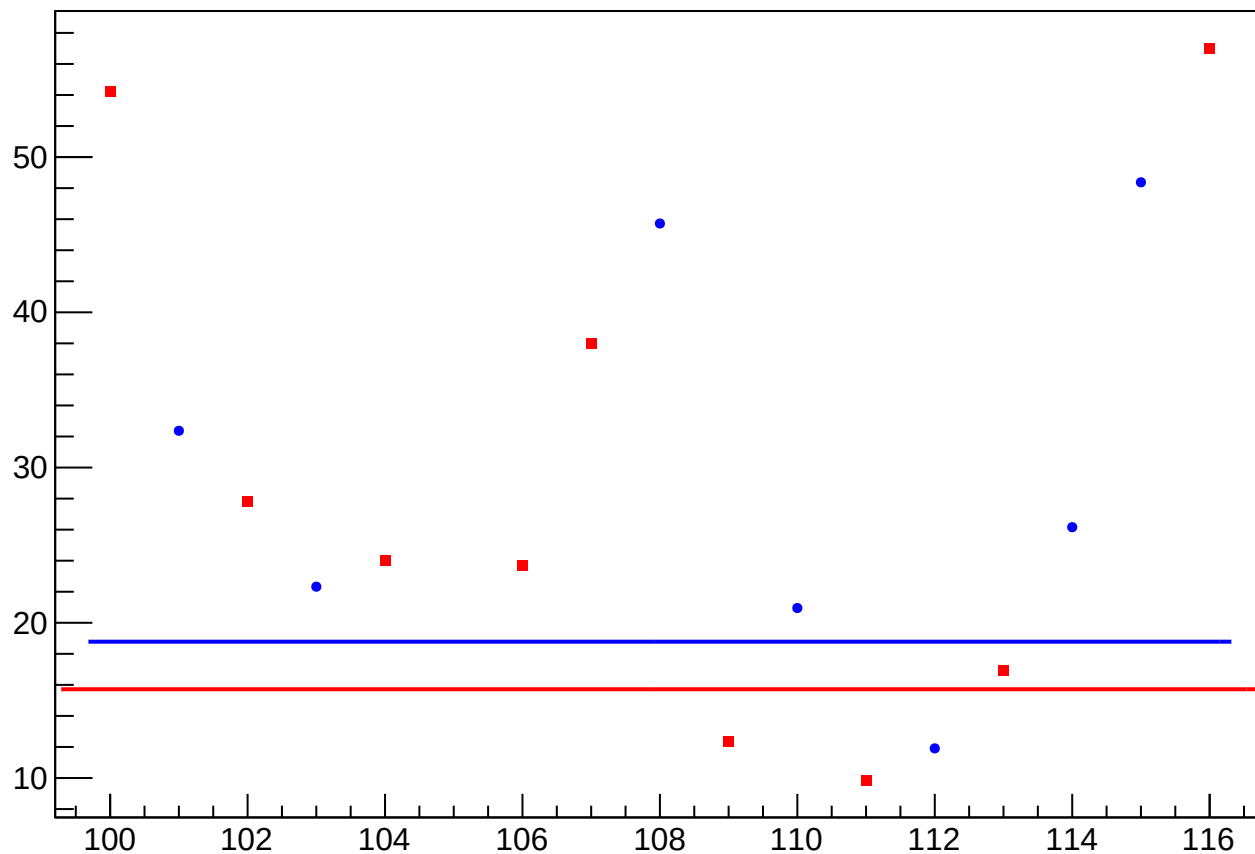
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 14.8/15

In: 0.009 $\pm$ 0.013 χ^2 /NDF:7.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 14.8/15

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.782+/-0.009 χ^2/NDF : 822942.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.717+/-0.007 χ^2/NDF : 1181900.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

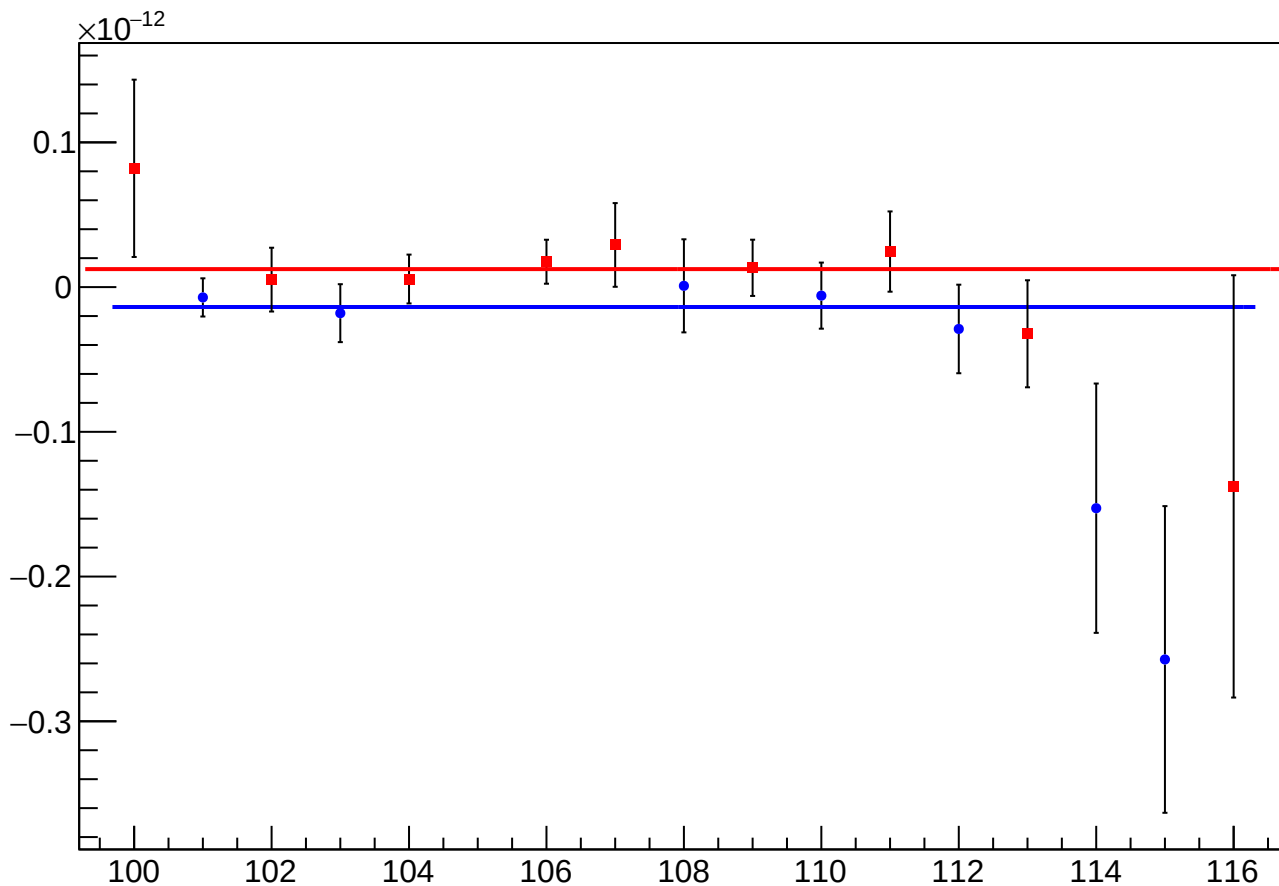
Right: 16.880+/-0.006 χ^2/NDF : 2071346.9/15

In: 18.782+/-0.009 χ^2/NDF : 822942.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.880+/-0.006 χ^2/NDF : 2071346.9/15

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

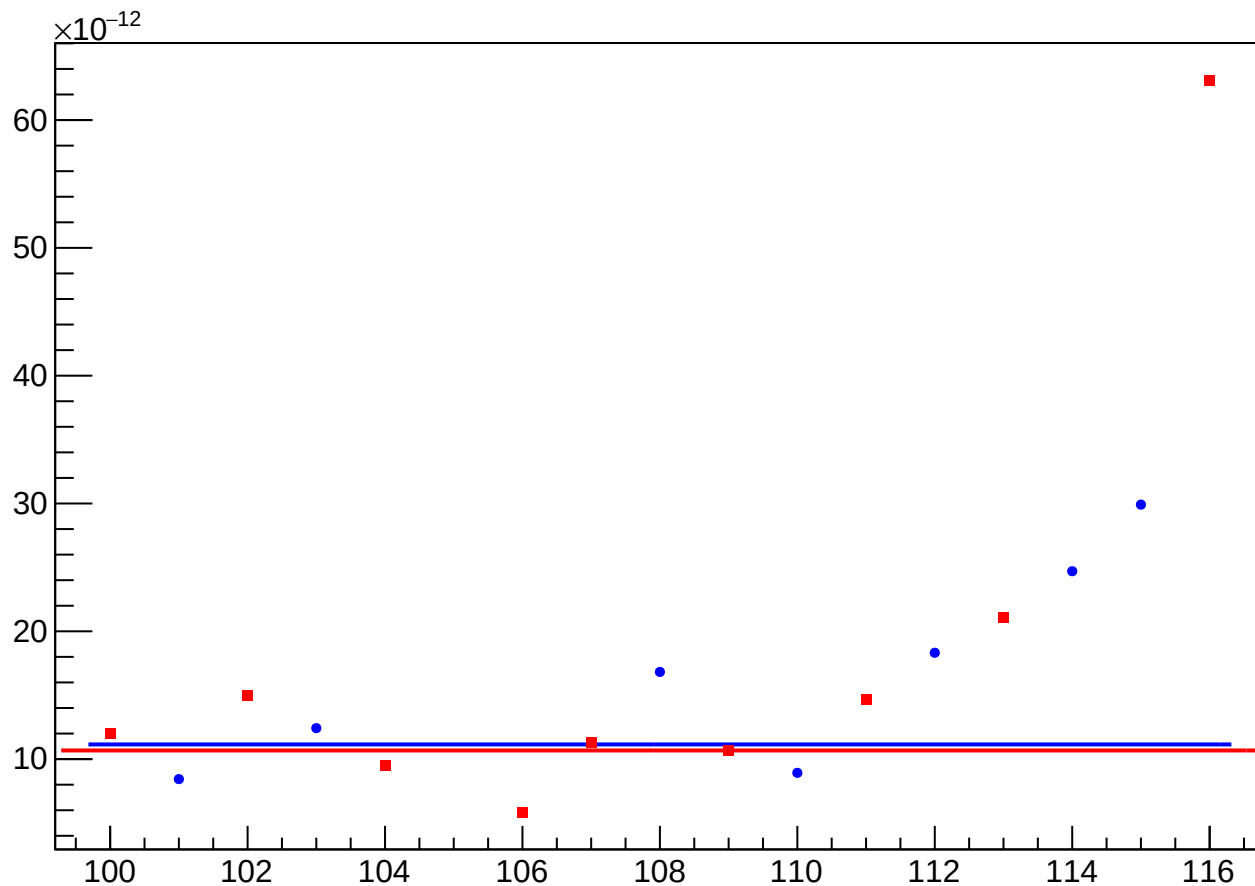
Right: 0.000+/-0.000 χ^2/NDF : 18.3/15

In: -0.000+/-0.000 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.3/15

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 395867.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 749486.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

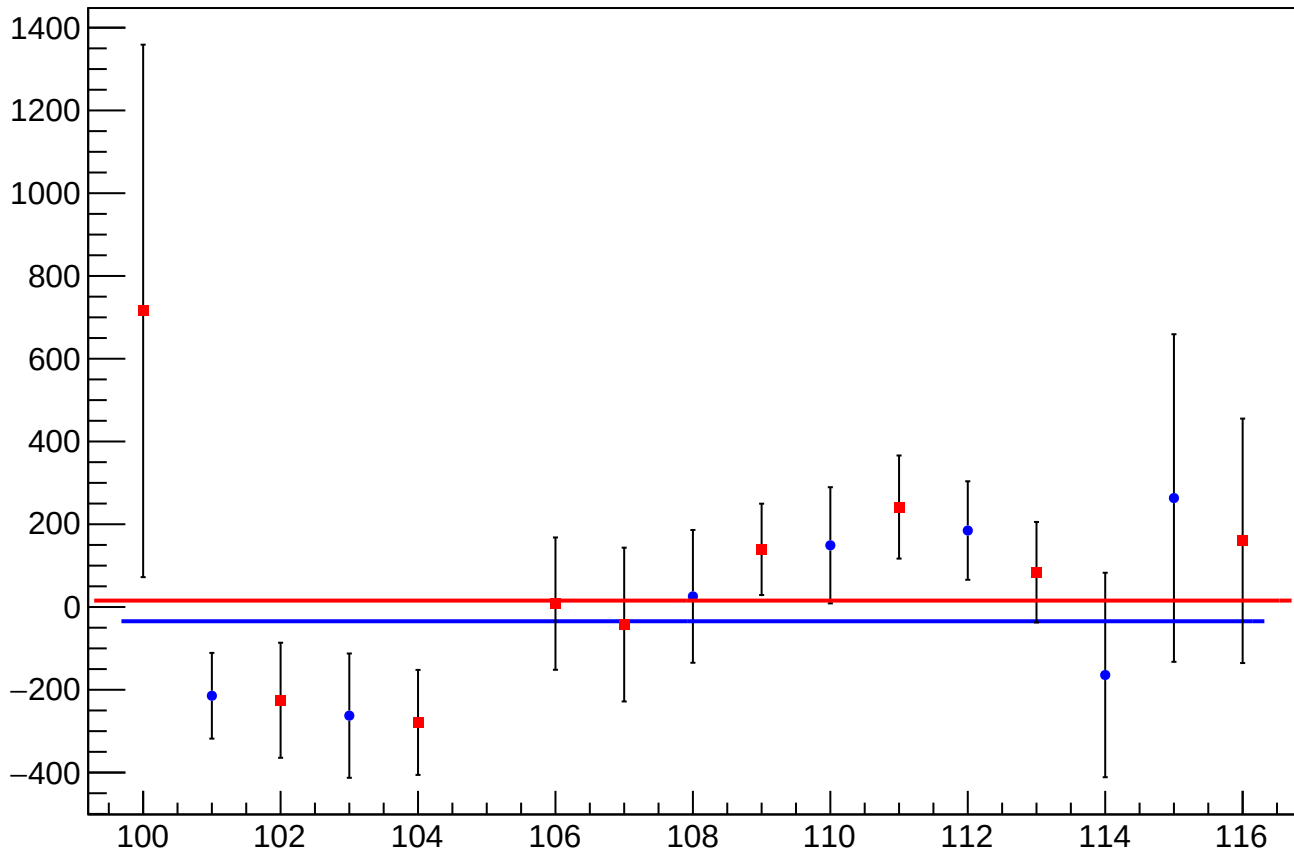
Right: 0.000+/-0.000 χ^2/NDF : 1148470.3/15

In: 0.000+/-0.000 χ^2/NDF : 395867.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1148470.3/15

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -34.404 $\pm$ 55.859 χ^2 /NDF: 11.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.536 $\pm$ 49.381 χ^2 /NDF: 14.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

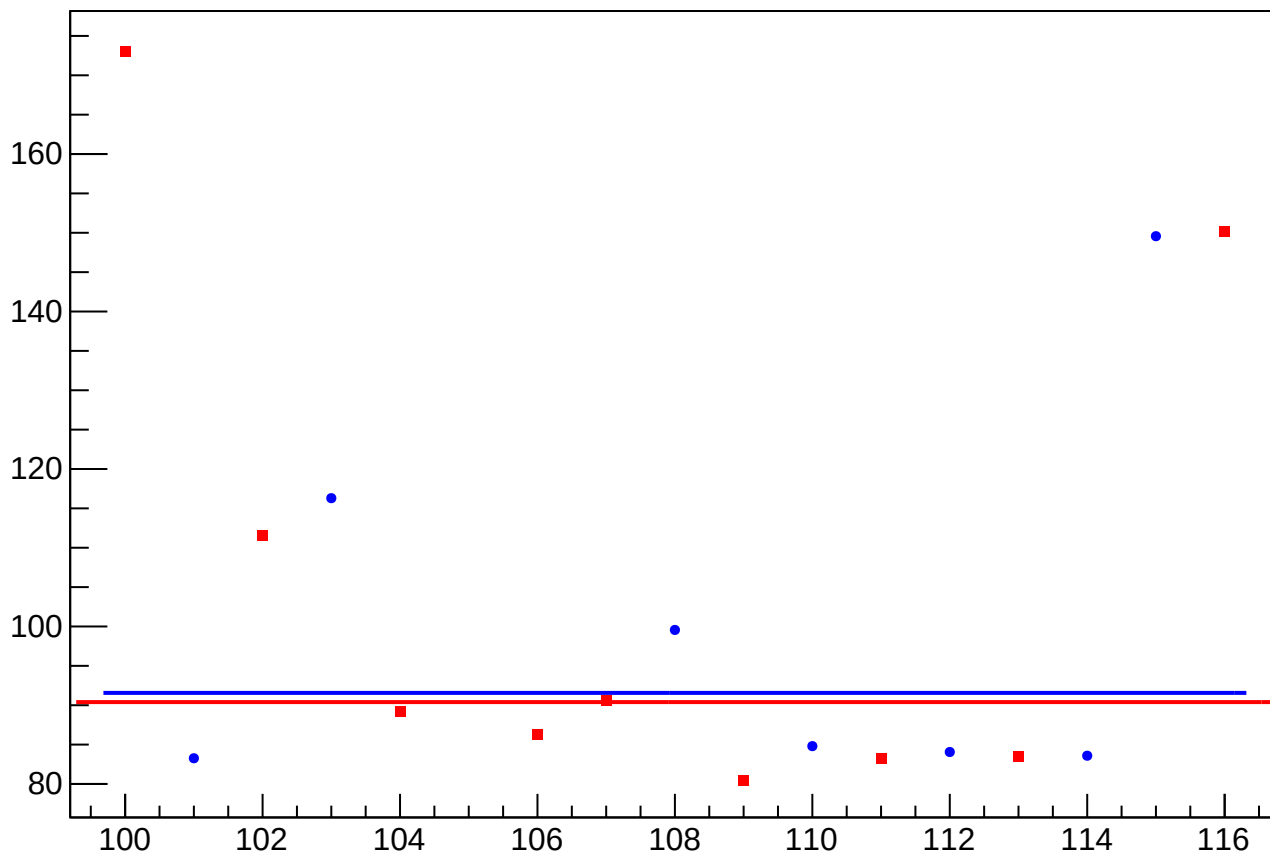
Right: -6.372 $\pm$ 36.997 χ^2 /NDF: 26.6/15

In: -34.404 $\pm$ 55.859 χ^2 /NDF:11.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.372 $\pm$ 36.997 χ^2 /NDF: 26.6/15

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 91.566+/-0.039 χ^2/NDF : 129667.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.397+/-0.035 χ^2/NDF : 191693.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

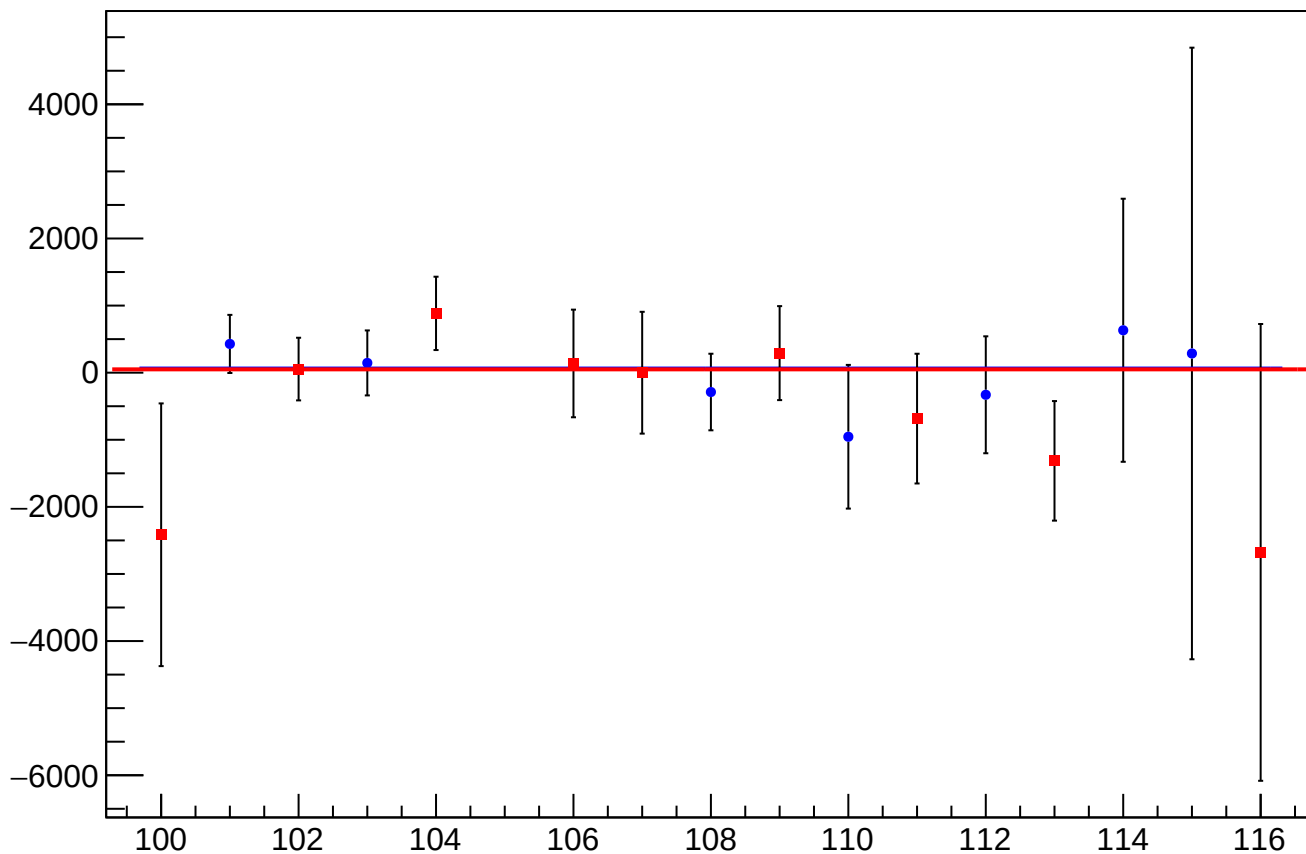
Right: 90.910+/-0.026 χ^2/NDF : 321853.3/15

In: 91.566+/-0.039 χ^2/NDF : 129667.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.910+/-0.026 χ^2/NDF : 321853.3/15

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 61.323+/-256.823 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.573+/-254.672 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

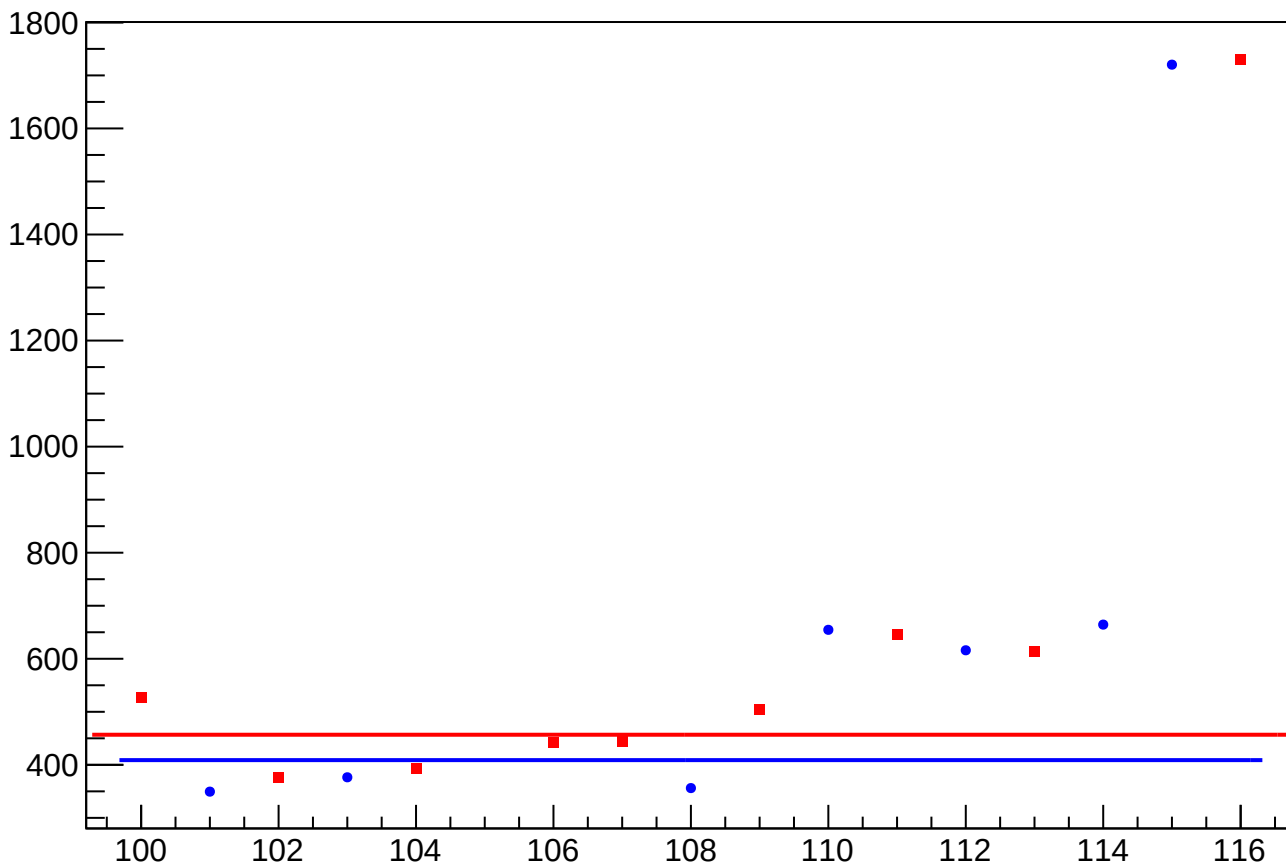
Right: 55.399+/-180.836 χ^2/NDF : 9.9/15

In: 61.323+/-256.823 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.399+/-180.836 χ^2/NDF : 9.9/15

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 408.886+/-0.182 χ^2/NDF : 481464.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.762+/-0.180 χ^2/NDF : 518354.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

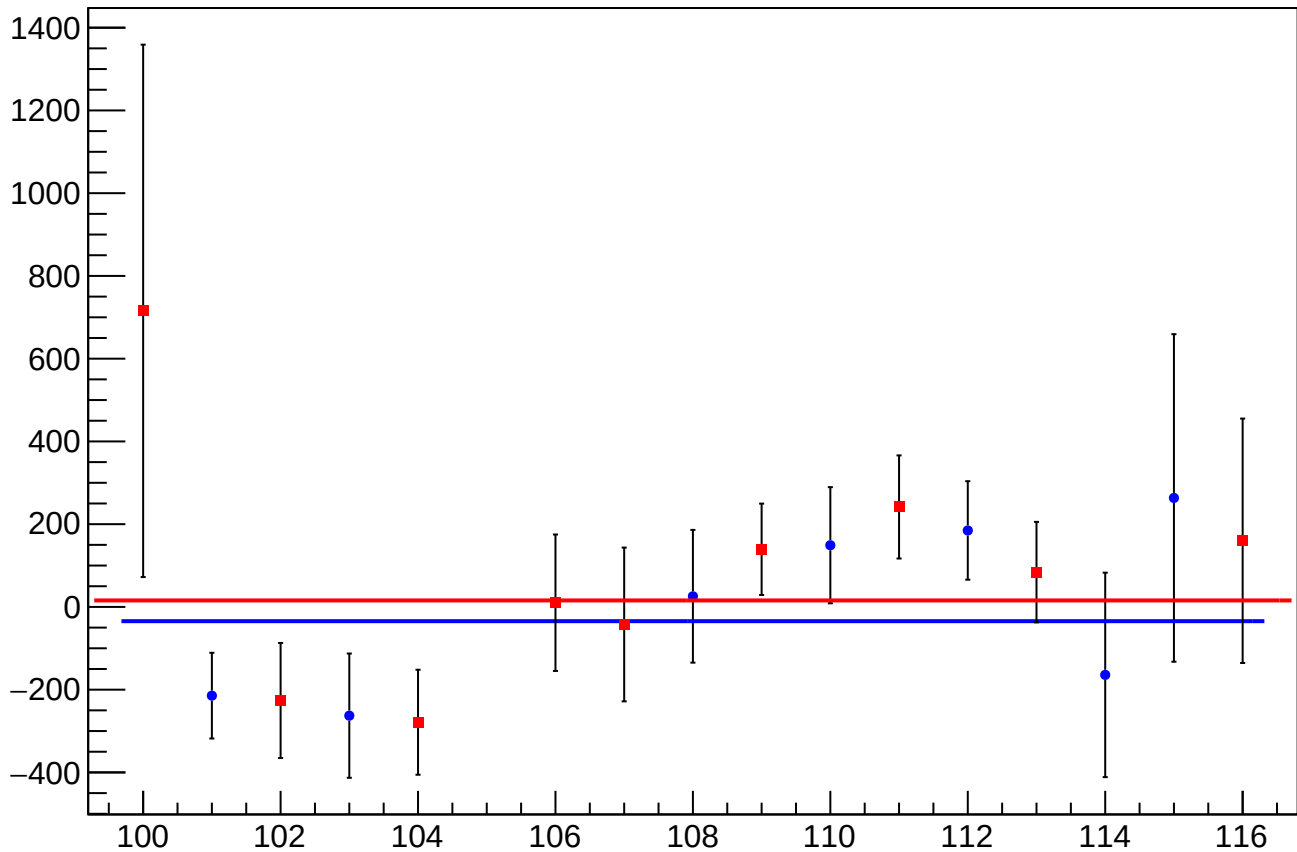
Right: 433.026+/-0.128 χ^2/NDF : 1034861.4/15

In: 408.886+/-0.182 χ^2/NDF : 481464.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.026+/-0.128 χ^2/NDF : 1034861.4/15

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -34.447 +/- 55.859 χ^2/NDF : 11.4/6

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 15.688 +/- 49.525 χ^2/NDF : 14.8/8

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

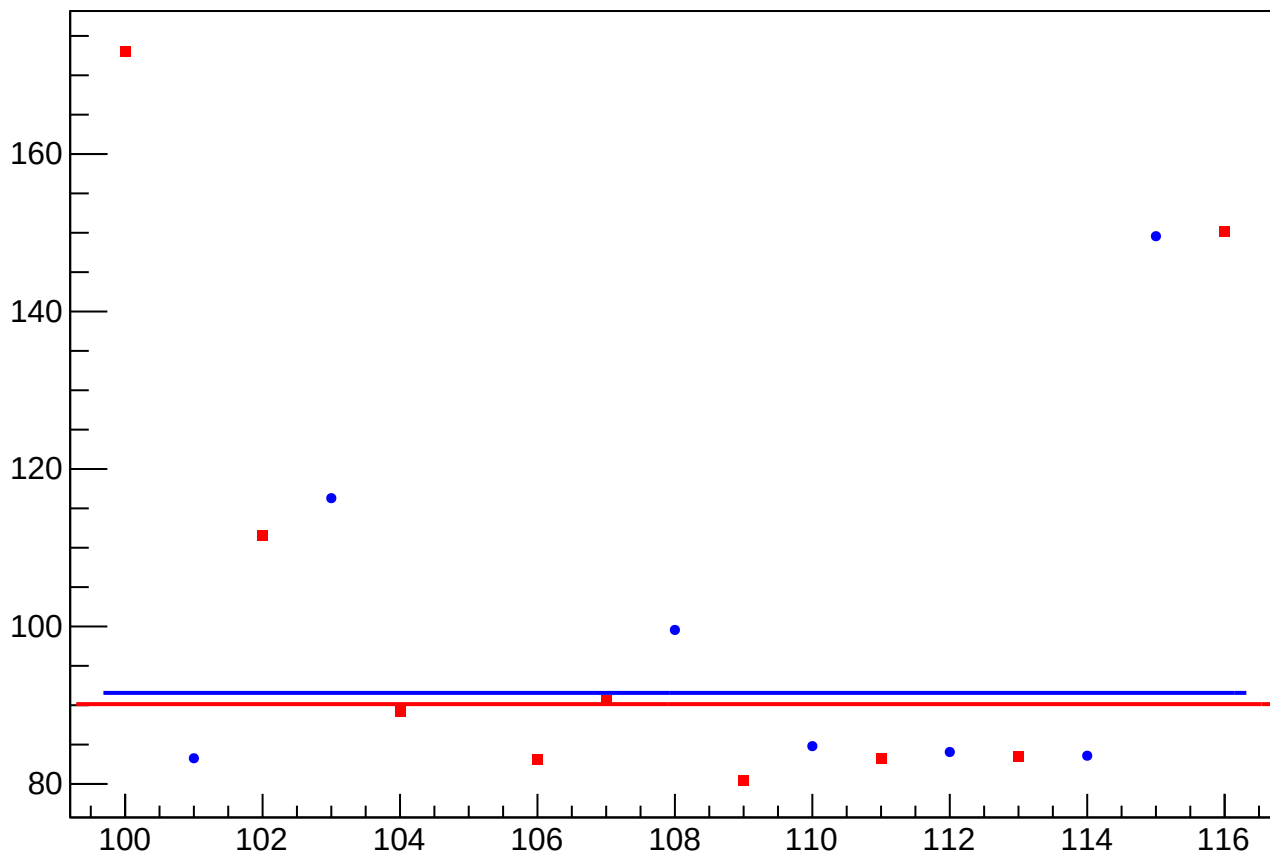
Right: -6.377 +/- 37.058 χ^2/NDF : 26.7/15

In: -34.447 +/- 55.859 χ^2/NDF : 11.4/6

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -6.377 +/- 37.058 χ^2/NDF : 26.7/15

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 91.566 $\pm$ 0.039 χ^2 /NDF: 129670.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.139 $\pm$ 0.035 χ^2 /NDF: 194348.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

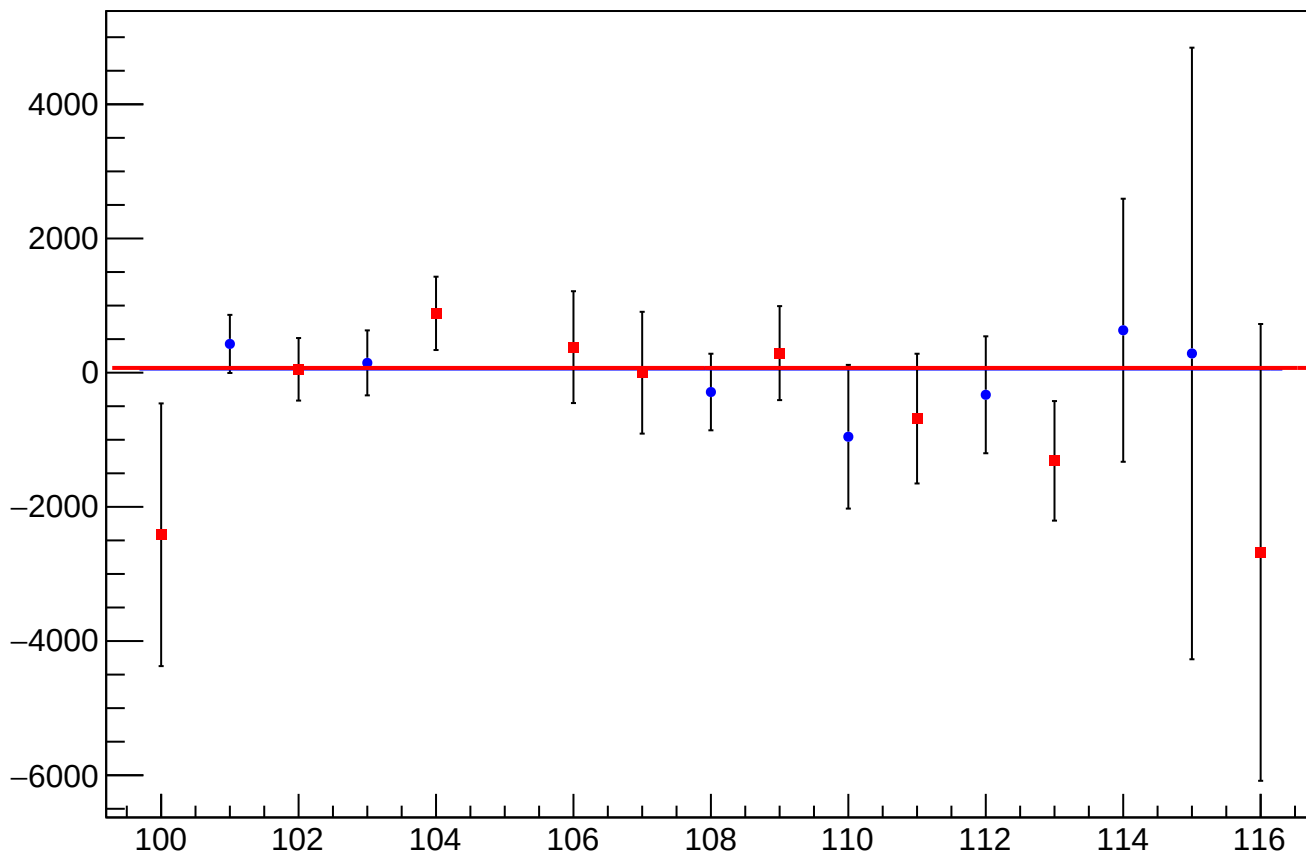
Right: 90.767 $\pm$ 0.026 χ^2 /NDF: 324749.8/15

In: 91.566 $\pm$ 0.039 χ^2 /NDF:129670.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.767 $\pm$ 0.026 χ^2 /NDF: 324749.8/15

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.513+/-256.813 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.763+/-255.500 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

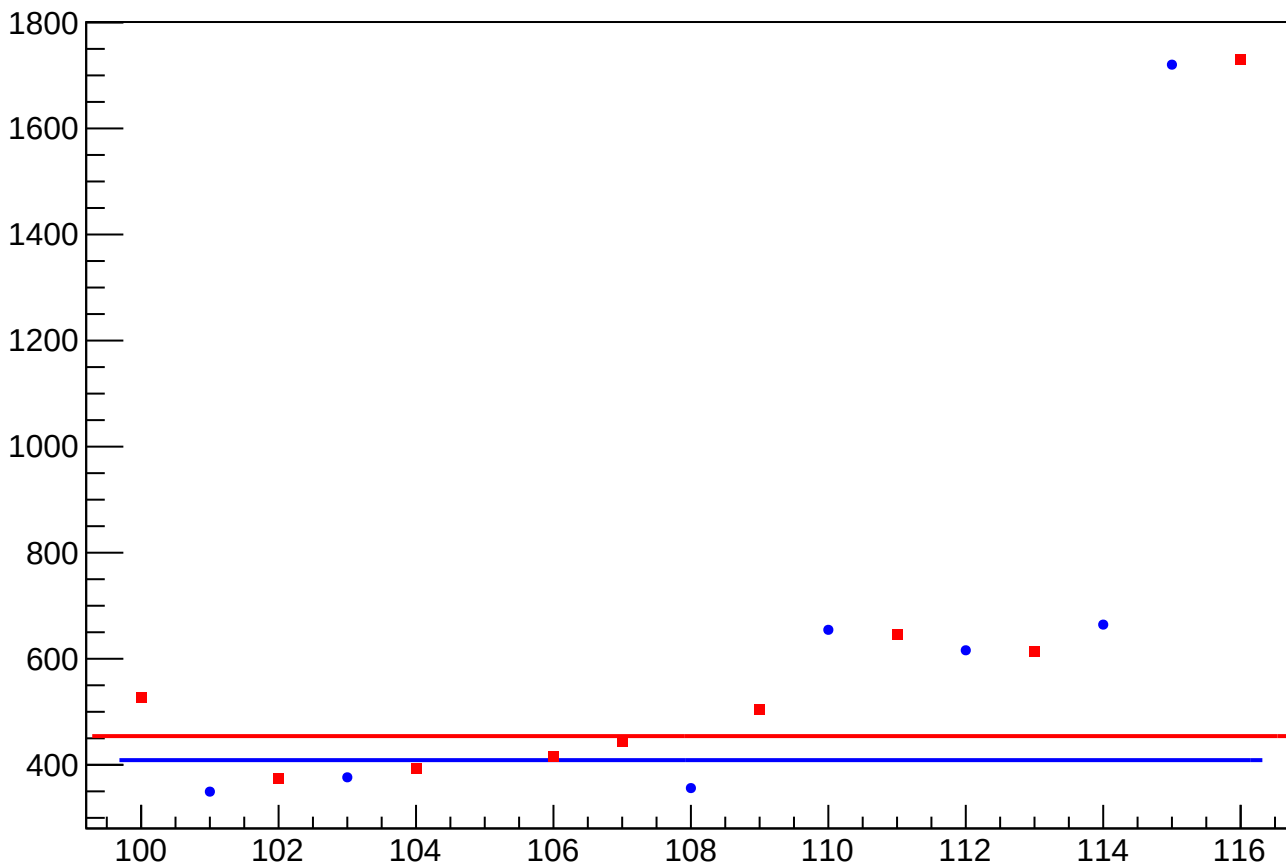
Right: 66.162+/-181.128 χ^2/NDF : 10.1/15

In: 61.513+/-256.813 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.162+/-181.128 χ^2/NDF : 10.1/15

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 408.869+/-0.182 χ^2/NDF : 481495.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.174+/-0.181 χ^2/NDF : 523386.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

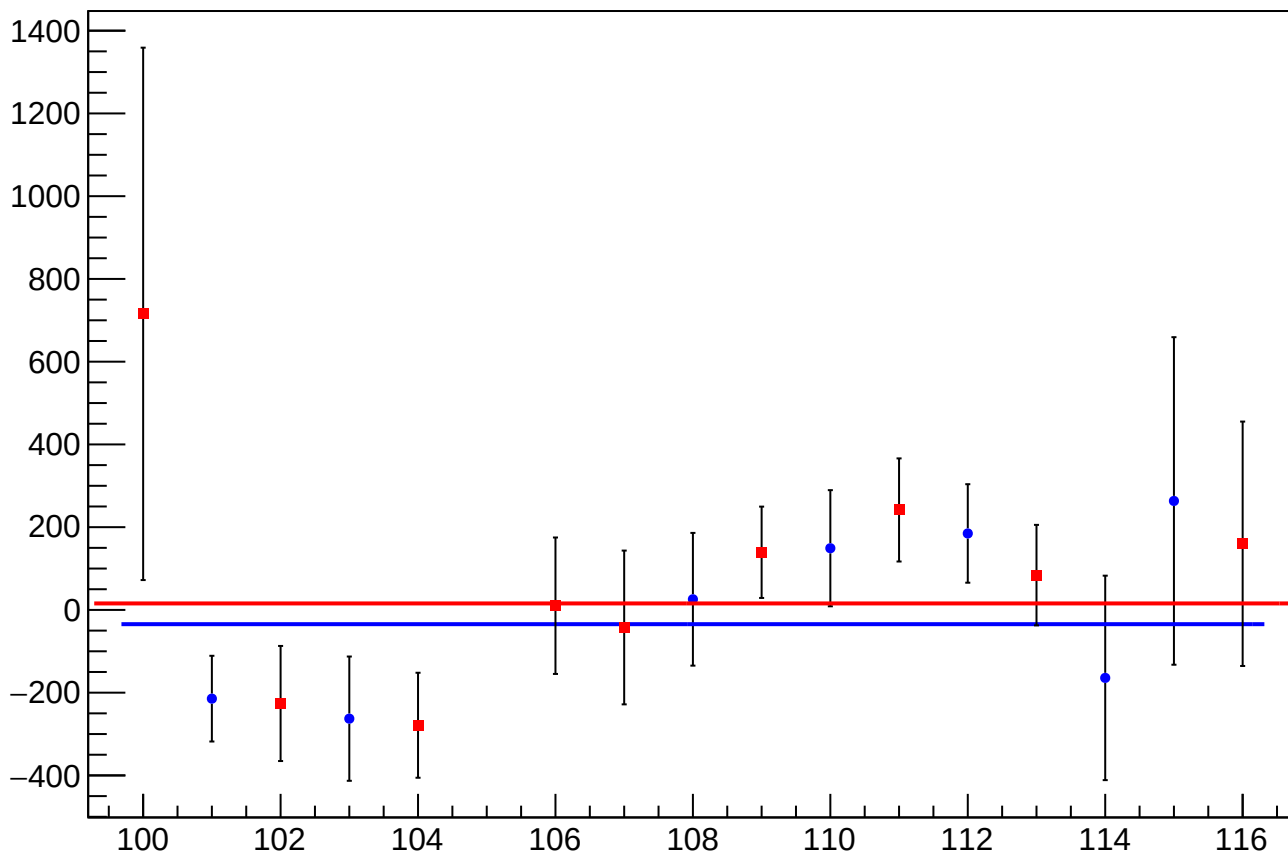
Right: 431.638+/-0.128 χ^2/NDF : 1036161.7/15

In: 408.869+/-0.182 χ^2/NDF : 481495.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.638+/-0.128 χ^2/NDF : 1036161.7/15

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -34.447 $\pm$ 55.859 χ^2 /NDF: 11.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.688 $\pm$ 49.525 χ^2 /NDF: 14.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

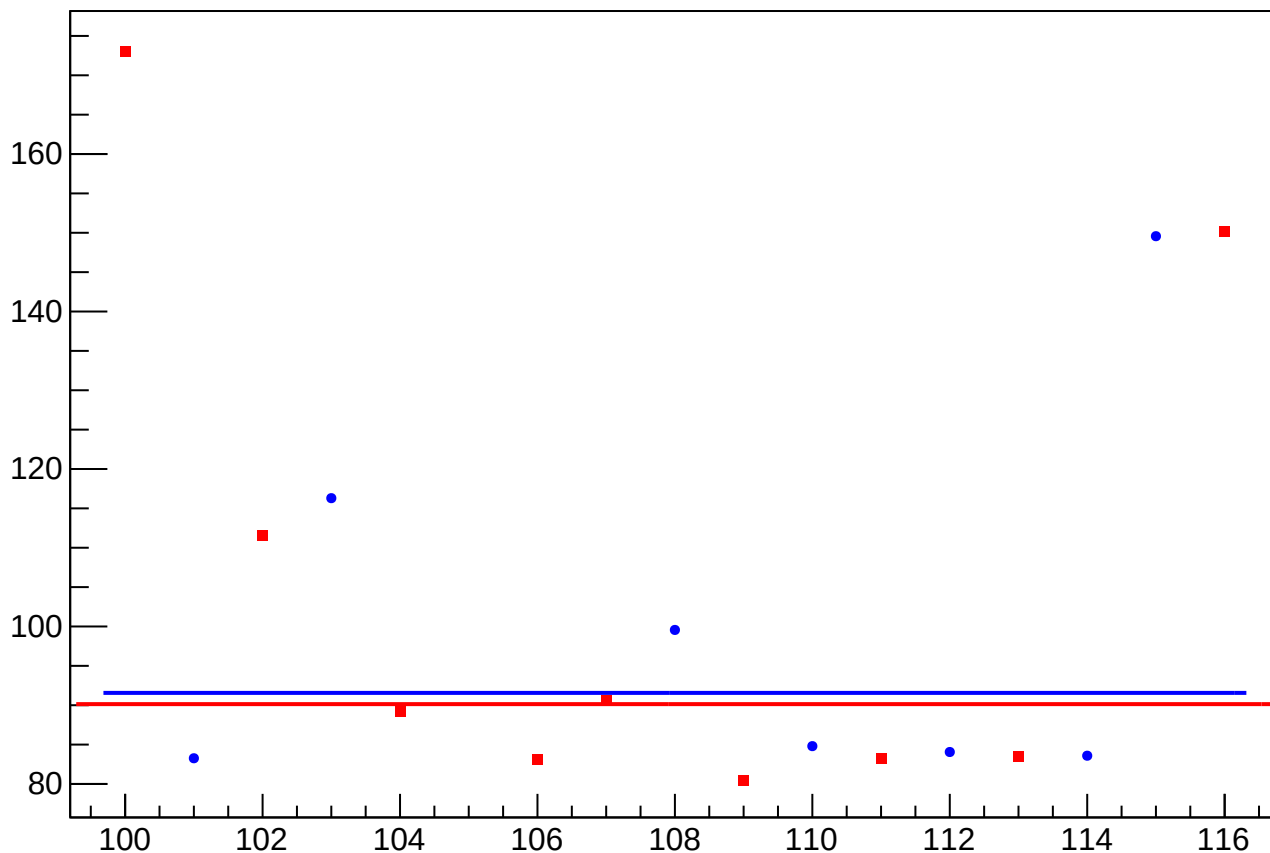
Right: -6.377 $\pm$ 37.058 χ^2 /NDF: 26.7/15

In: -34.447 $\pm$ 55.859 χ^2 /NDF:11.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.377 $\pm$ 37.058 χ^2 /NDF: 26.7/15

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 91.566 $\pm$ 0.039 χ^2 /NDF: 129670.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.139 $\pm$ 0.035 χ^2 /NDF: 194348.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

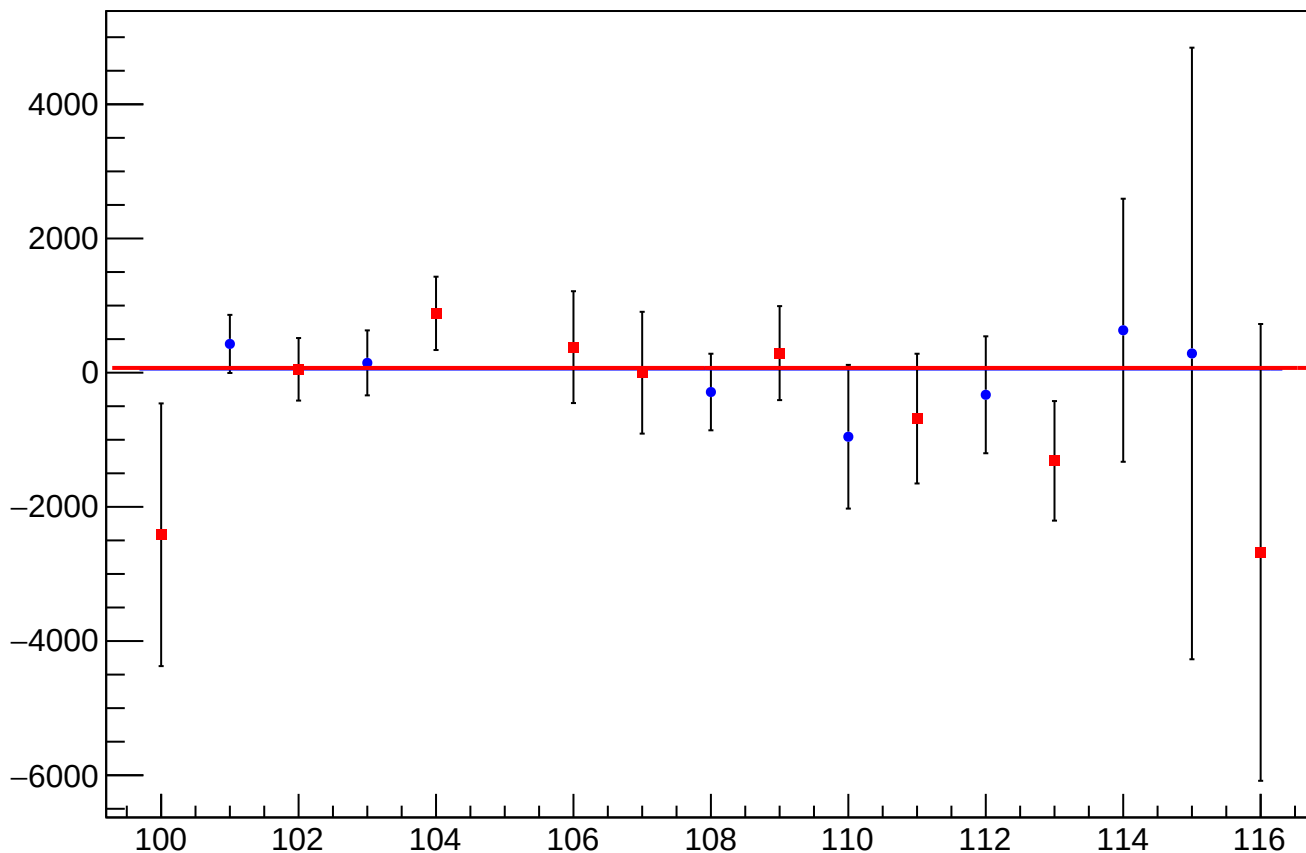
Right: 90.767 $\pm$ 0.026 χ^2 /NDF: 324749.8/15

In: 91.566 $\pm$ 0.039 χ^2 /NDF:129670.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.767 $\pm$ 0.026 χ^2 /NDF: 324749.8/15

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.513+/-256.813 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.763+/-255.500 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

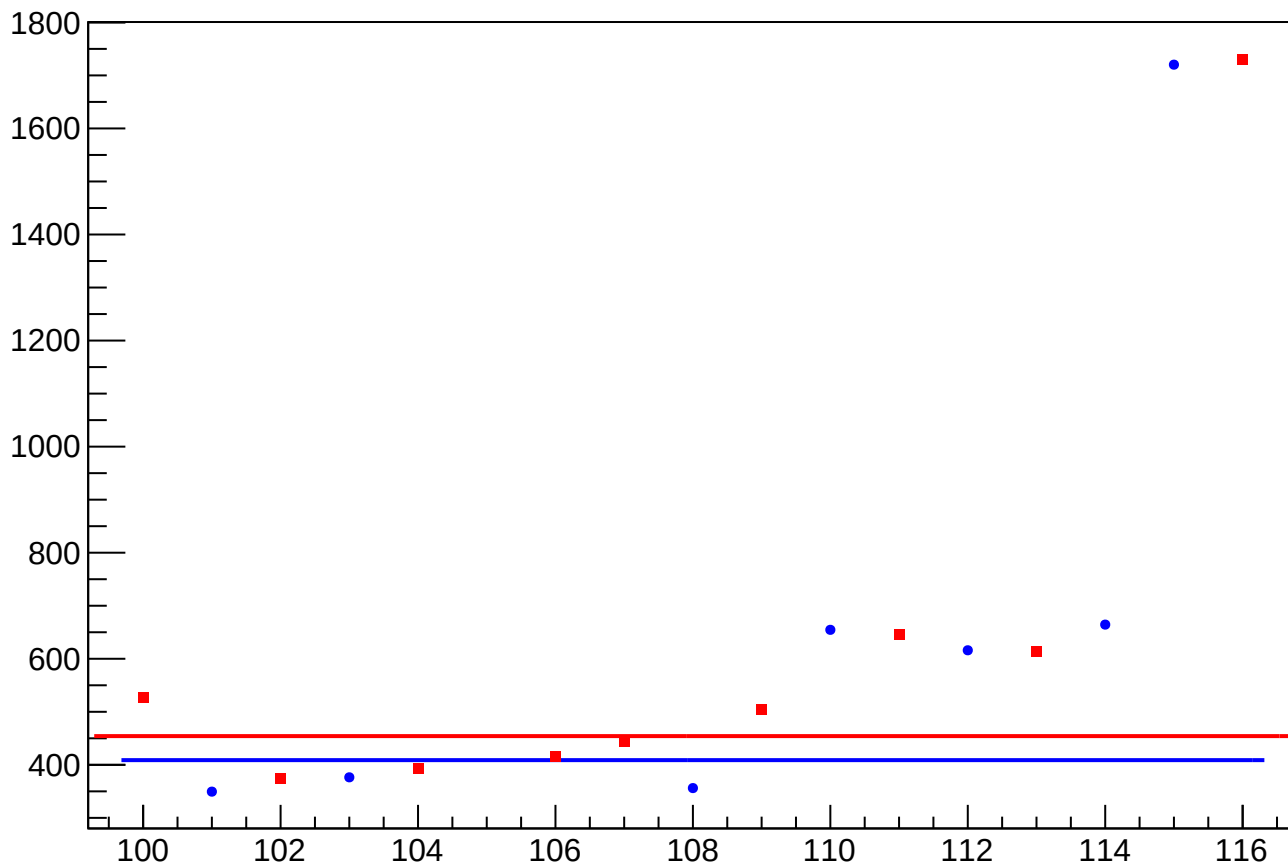
Right: 66.162+/-181.128 χ^2/NDF : 10.1/15

In: 61.513+/-256.813 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.162+/-181.128 χ^2/NDF : 10.1/15

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 408.869+/-0.182 χ^2/NDF : 481495.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.174+/-0.181 χ^2/NDF : 523386.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

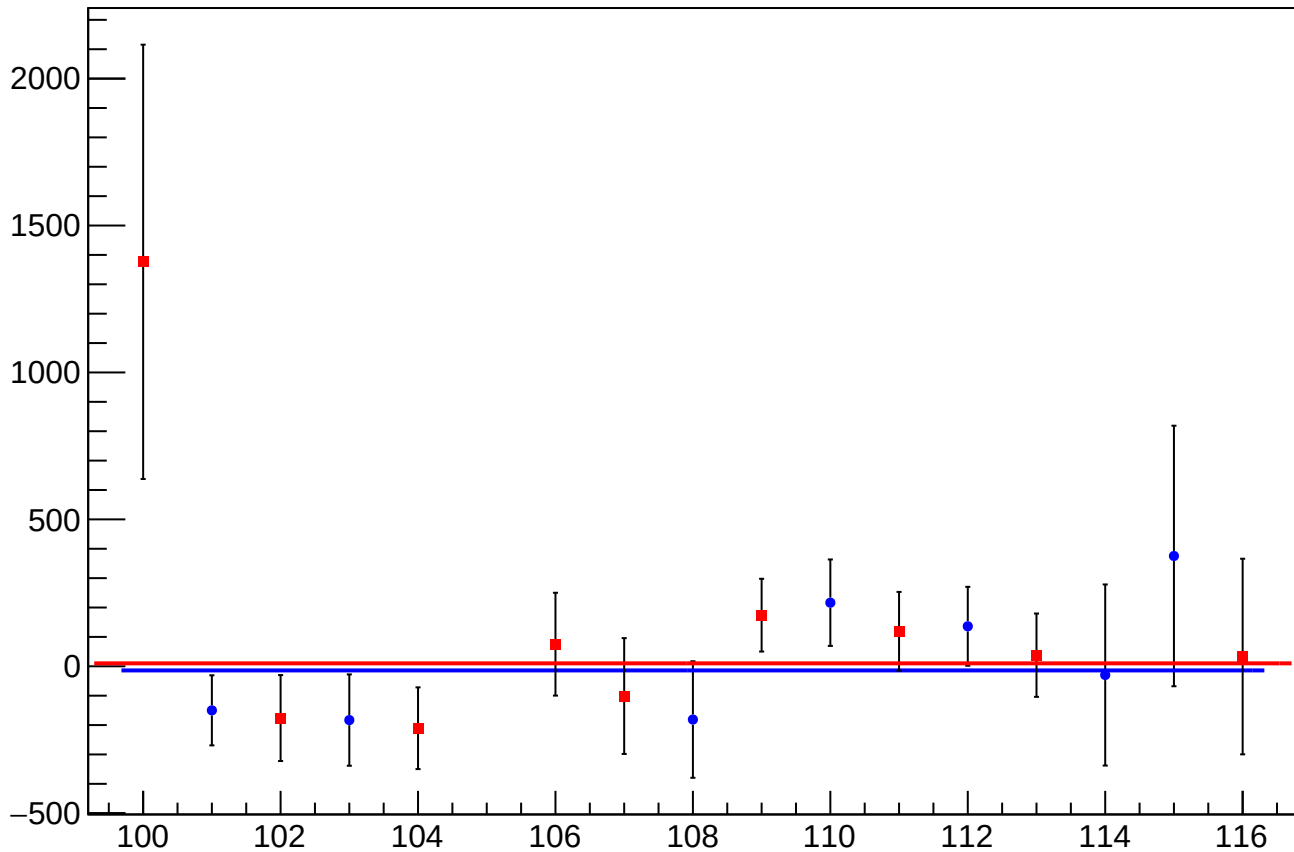
Right: 431.638+/-0.128 χ^2/NDF : 1036161.7/15

In: 408.869+/-0.182 χ^2/NDF : 481495.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.638+/-0.128 χ^2/NDF : 1036161.7/15

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -14.027 ± 62.693 χ^2/NDF : 7.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.004 ± 54.369 χ^2/NDF : 10.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

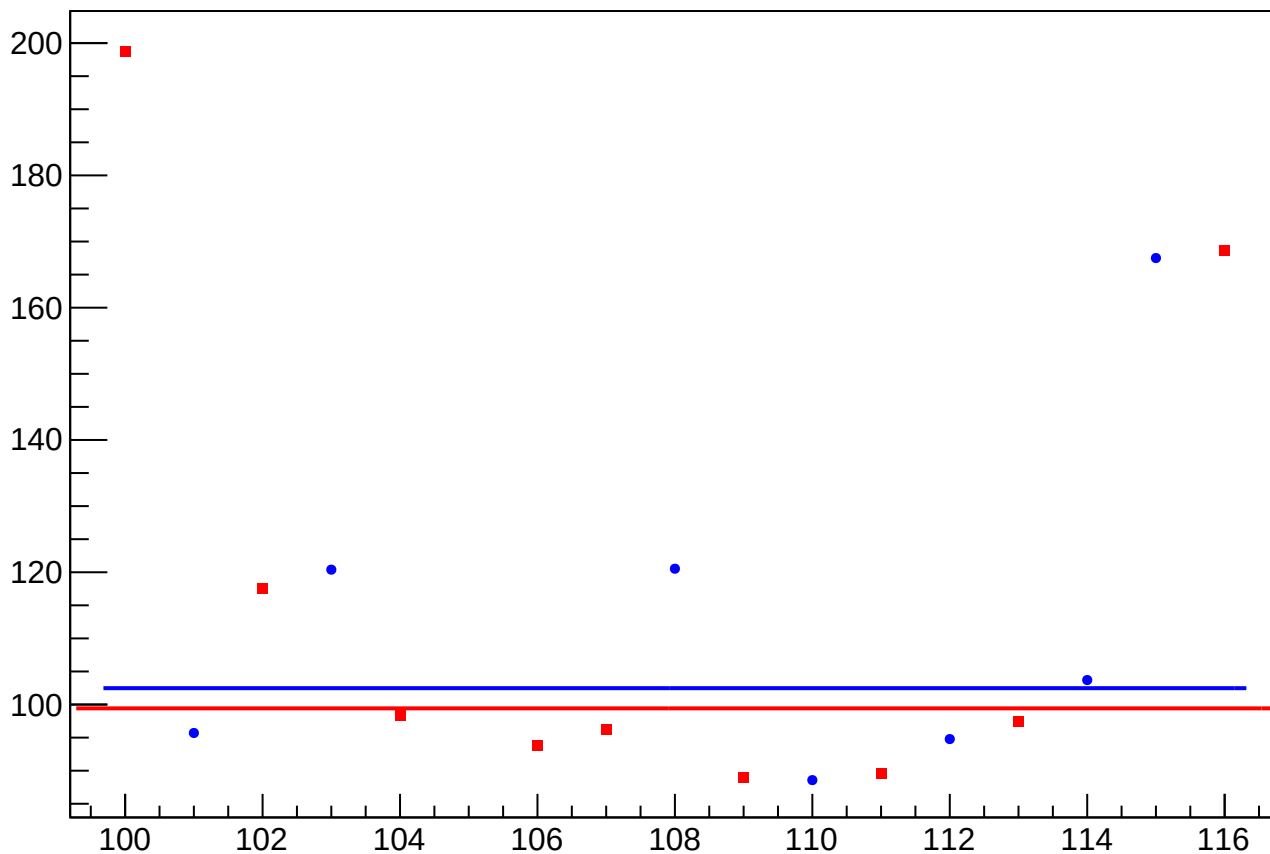
Right: -0.312 ± 41.075 χ^2/NDF : 18.2/15

In: -14.027 ± 62.693 χ^2/NDF : 7.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.312 ± 41.075 χ^2/NDF : 18.2/15

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.476+/-0.044 χ^2/NDF : 117120.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.422+/-0.038 χ^2/NDF : 181583.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

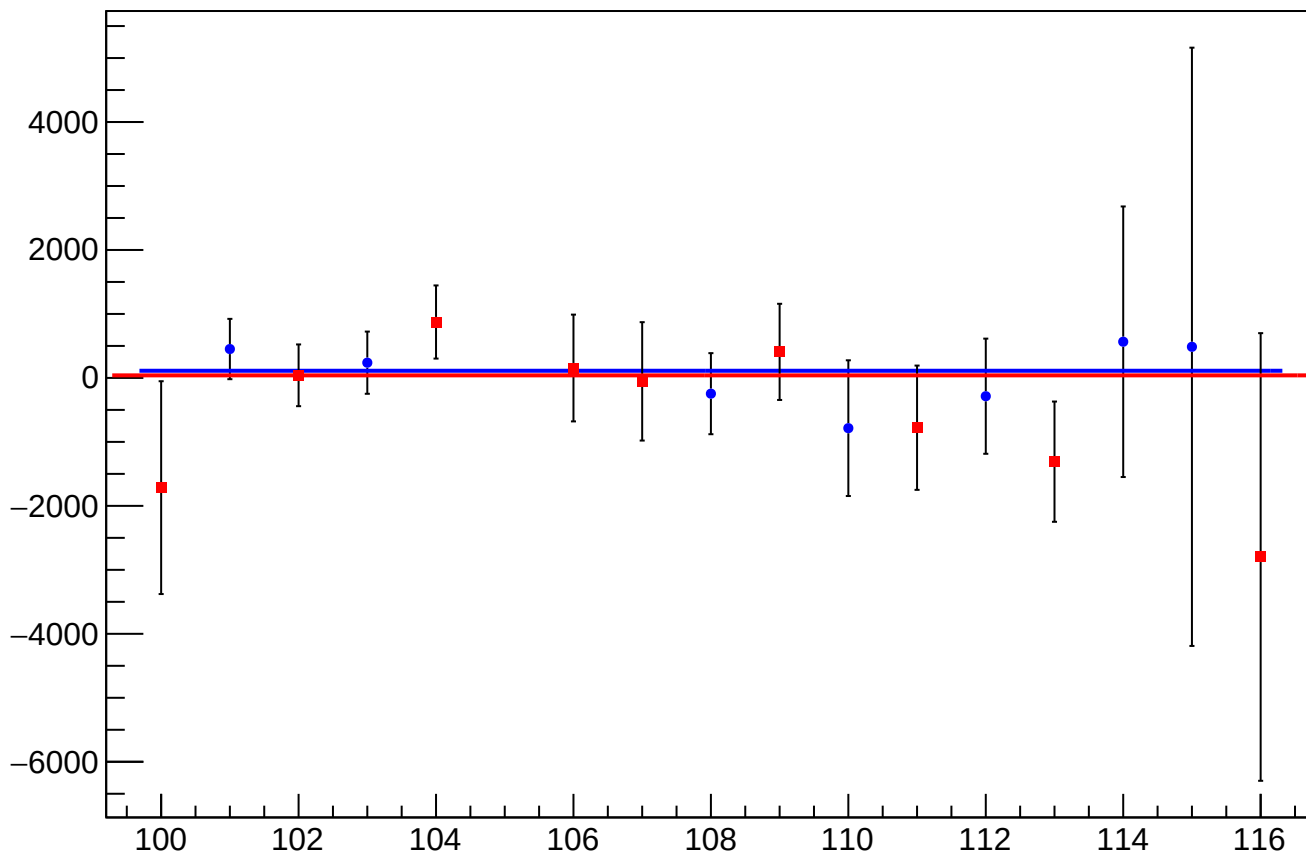
Right: 100.733+/-0.029 χ^2/NDF : 301412.9/15

In: 102.476+/-0.044 χ^2/NDF : 117120.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.733+/-0.029 χ^2/NDF : 301412.9/15

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 111.874+/-271.022 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.882+/-263.863 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

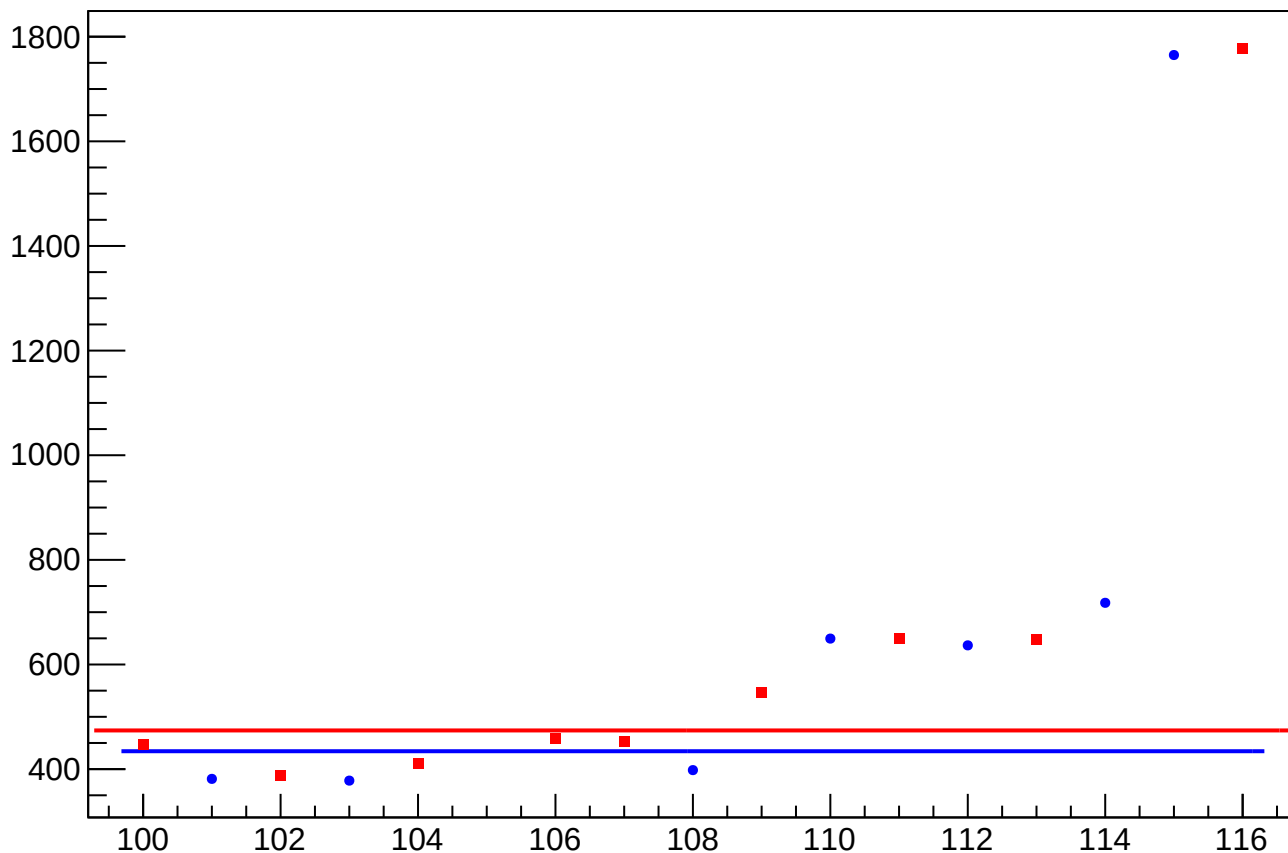
Right: 74.915+/-189.060 χ^2/NDF : 8.8/15

In: 111.874+/-271.022 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.915+/-189.060 χ^2/NDF : 8.8/15

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 434.239+/-0.192 χ^2/NDF : 439819.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 473.958+/-0.187 χ^2/NDF : 519322.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

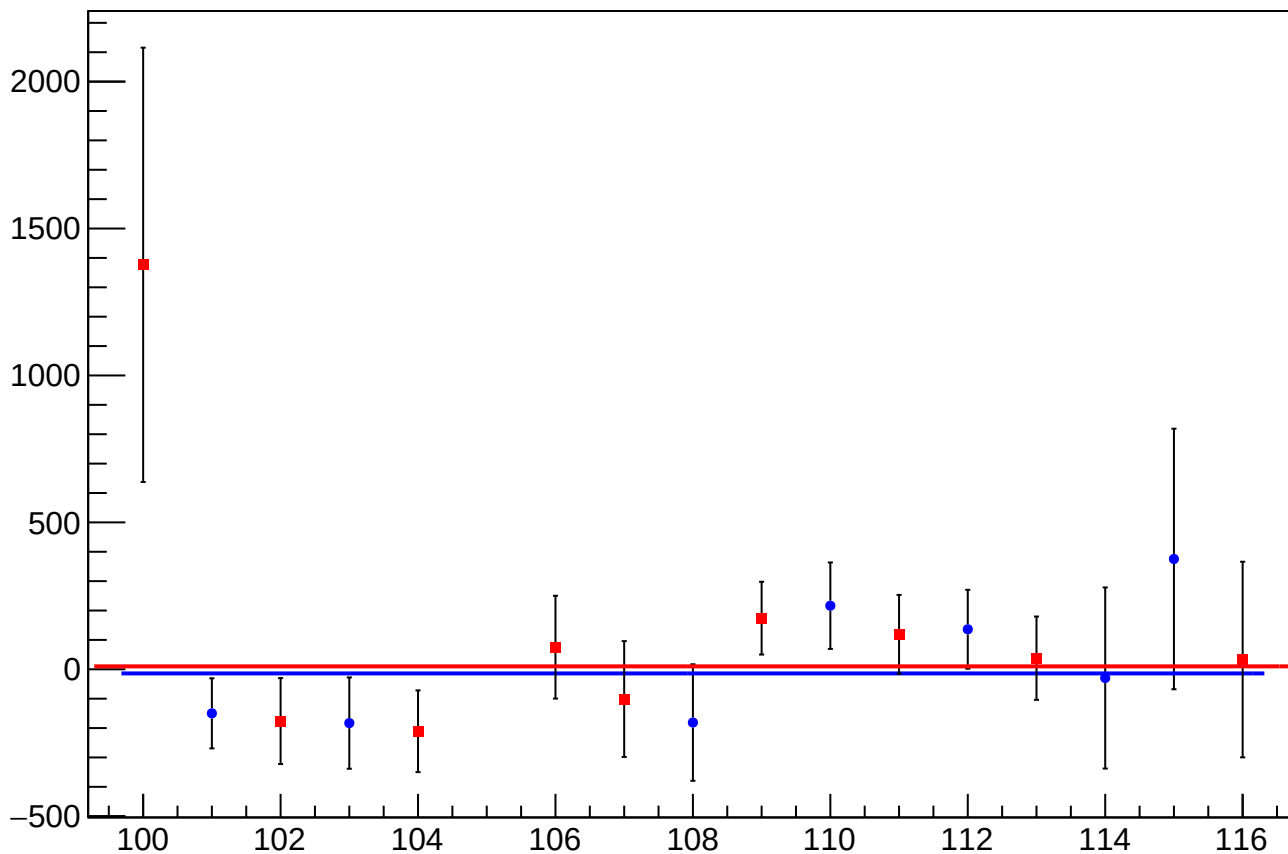
Right: 454.630+/-0.134 χ^2/NDF : 981194.9/15

In: 434.239+/-0.192 χ^2/NDF : 439819.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.630+/-0.134 χ^2/NDF : 981194.9/15

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -14.029+/-62.693 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.006+/-54.369 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

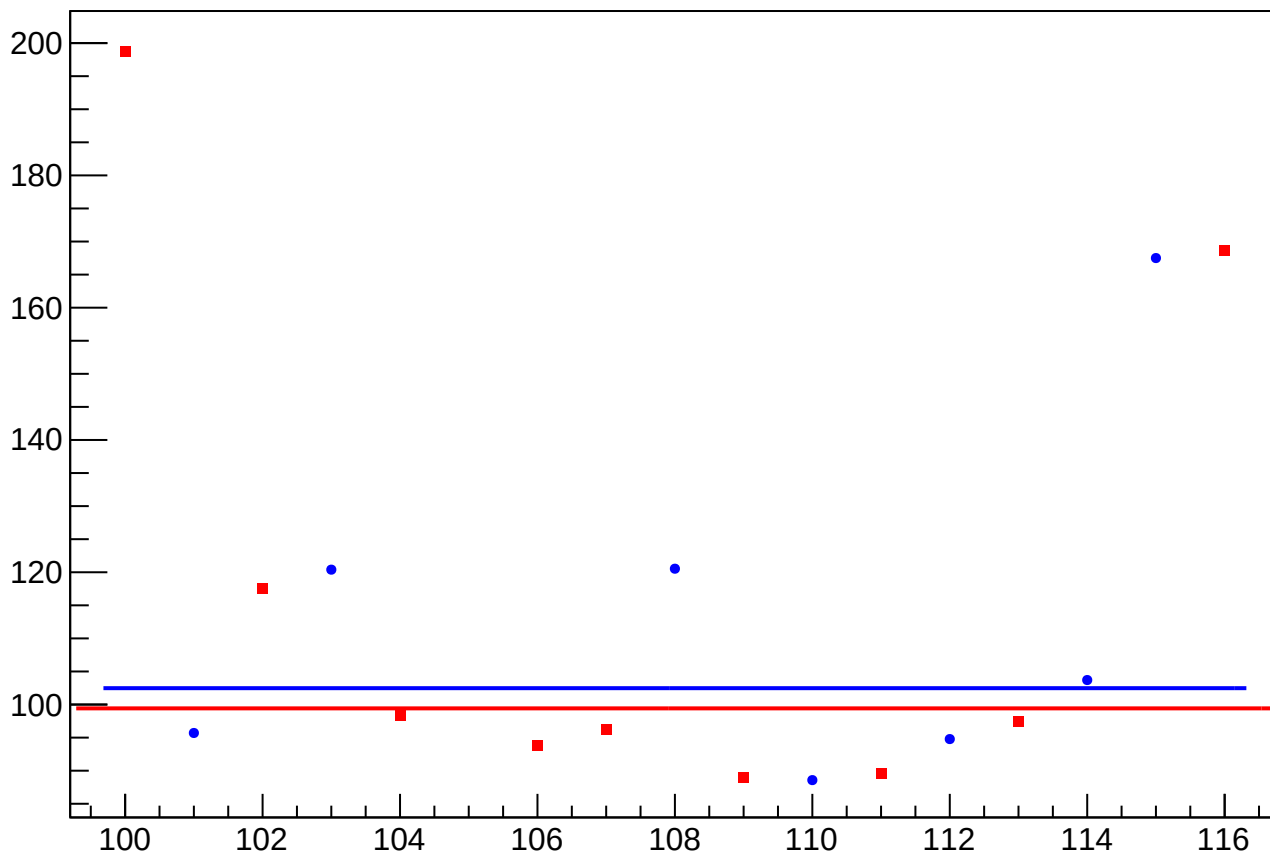
Right: -0.311+/-41.075 χ^2/NDF : 18.2/15

In: -14.029+/-62.693 χ^2/NDF :7.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.311+/-41.075 χ^2/NDF : 18.2/15

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.475+/-0.044 χ^2/NDF : 117122.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.421+/-0.038 χ^2/NDF : 181585.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

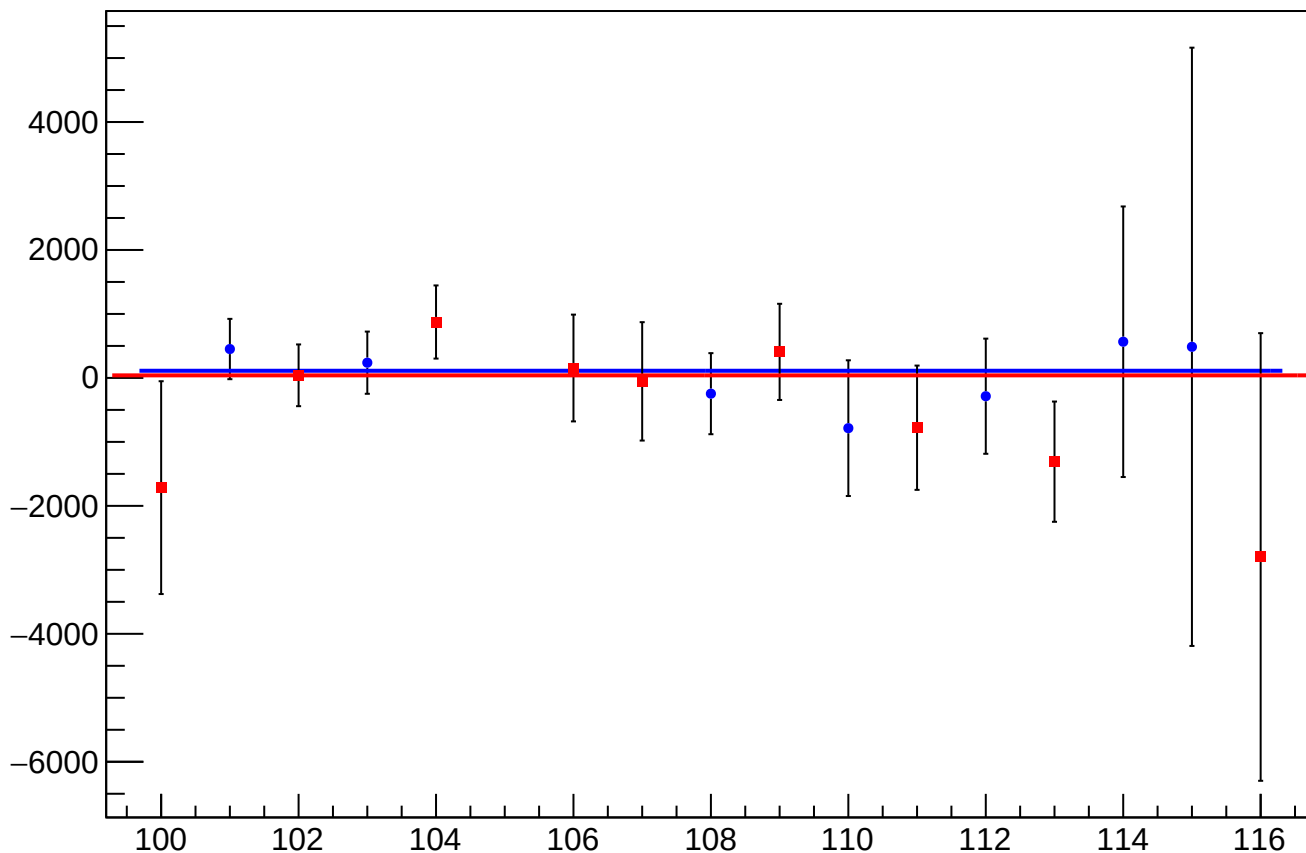
Right: 100.732+/-0.029 χ^2/NDF : 301415.8/15

In: 102.475+/-0.044 χ^2/NDF : 117122.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.732+/-0.029 χ^2/NDF : 301415.8/15

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 111.874+/-271.022 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.884+/-263.863 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

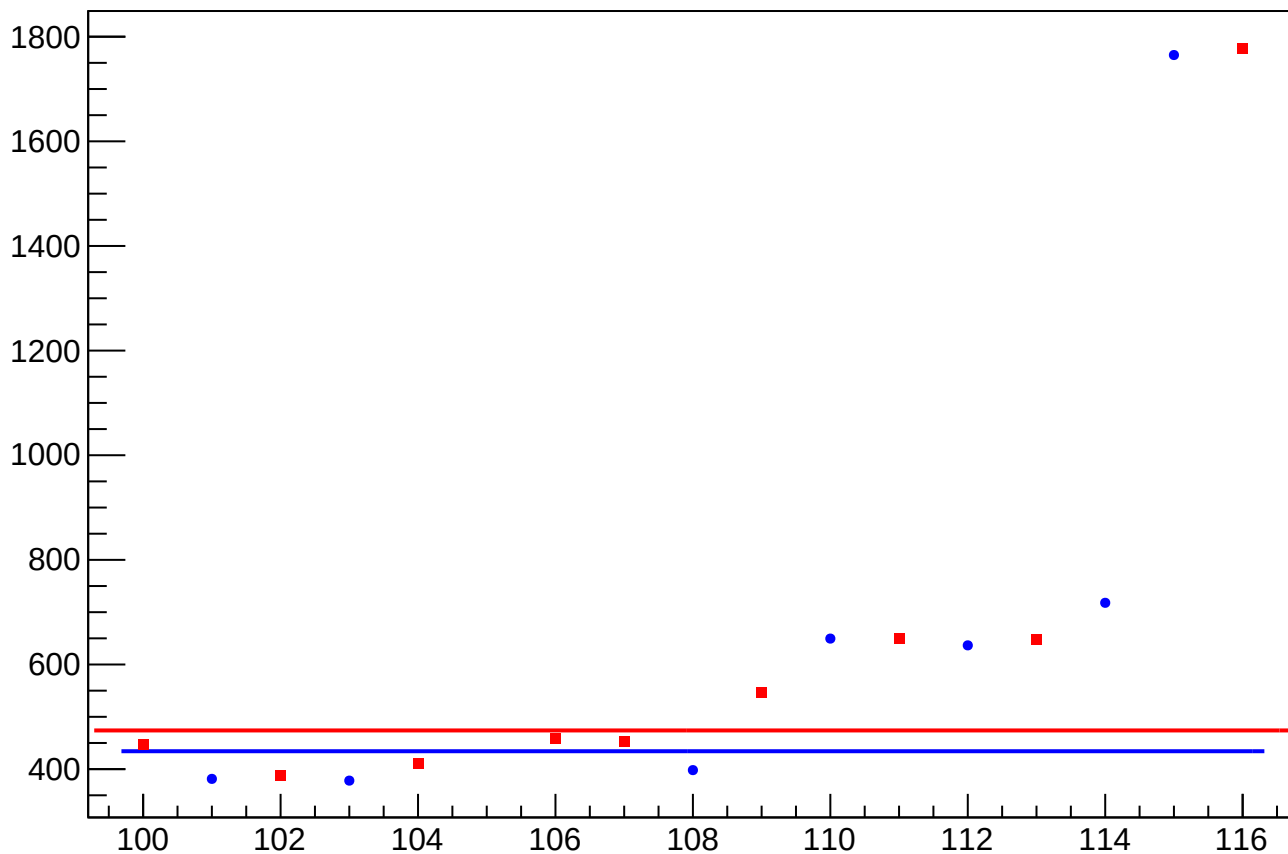
Right: 74.916+/-189.059 χ^2/NDF : 8.8/15

In: 111.874+/-271.022 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.916+/-189.059 χ^2/NDF : 8.8/15

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 434.238+/-0.192 χ^2/NDF : 439821.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 473.958+/-0.187 χ^2/NDF : 519322.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

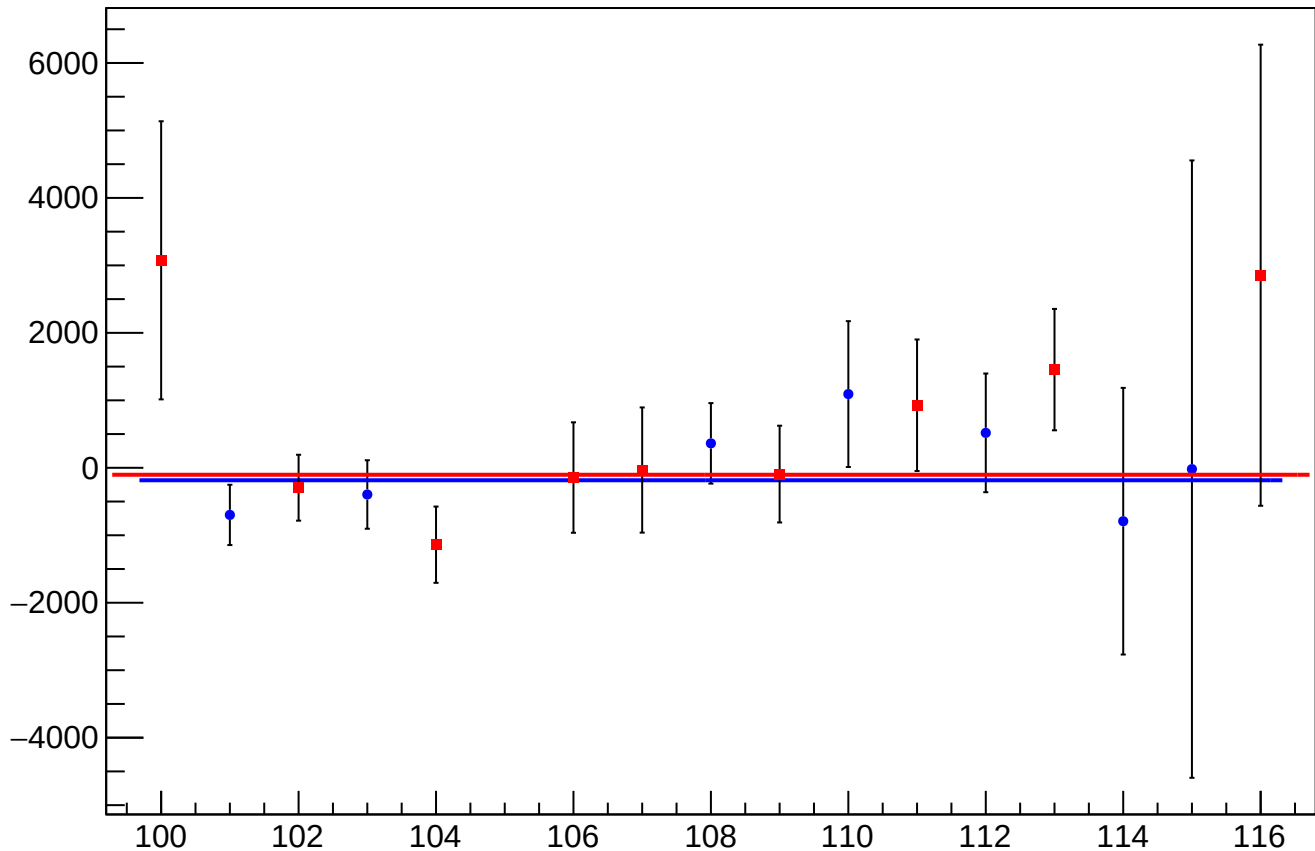
Right: 454.630+/-0.134 χ^2/NDF : 981197.8/15

In: 434.238+/-0.192 χ^2/NDF : 439821.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.630+/-0.134 χ^2/NDF : 981197.8/15

asym_sam6_mean vs Slug, Sign Corrected



Right In: -184.678+/-265.832 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.039+/-262.340 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

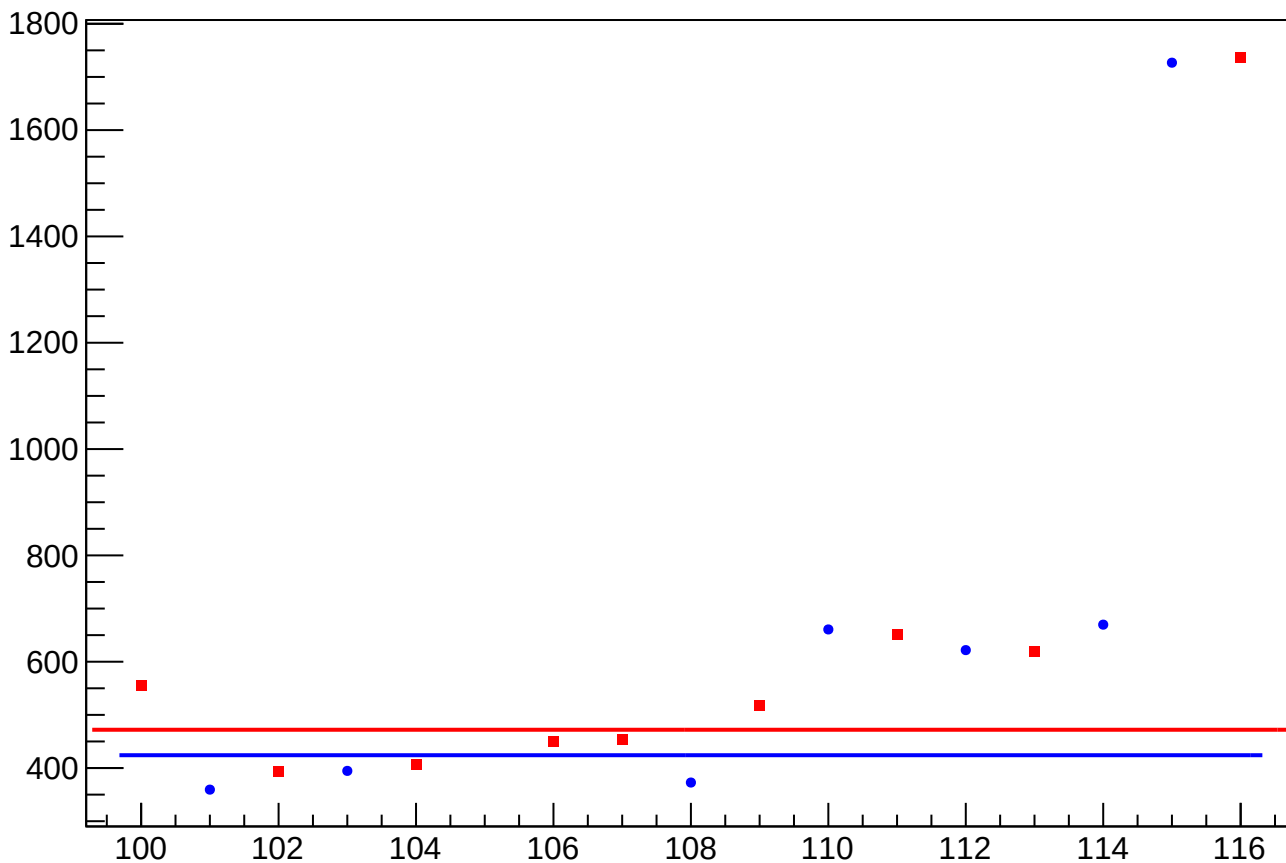
Right: -143.319+/-186.725 χ^2/NDF : 15.3/15

In: -184.678+/-265.832 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.319+/-186.725 χ^2/NDF : 15.3/15

asym_sam6_rms vs Slug, Sign Corrected



Right In: 424.133+/-0.188 χ^2/NDF : 453447.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.021+/-0.186 χ^2/NDF : 487721.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

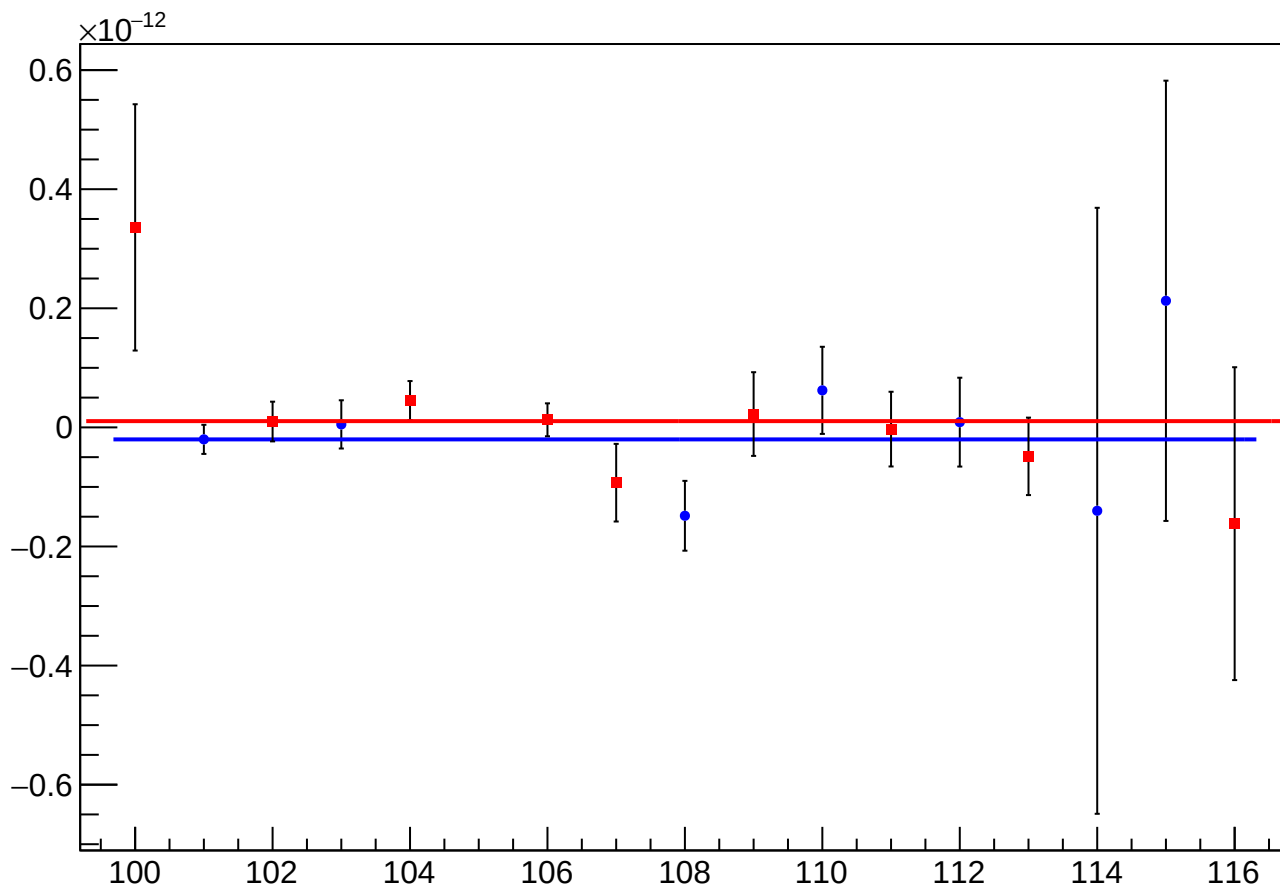
Right: 448.394+/-0.132 χ^2/NDF : 974048.8/15

In: 424.133+/-0.188 χ^2/NDF : 453447.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.394+/-0.132 χ^2/NDF : 974048.8/15

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

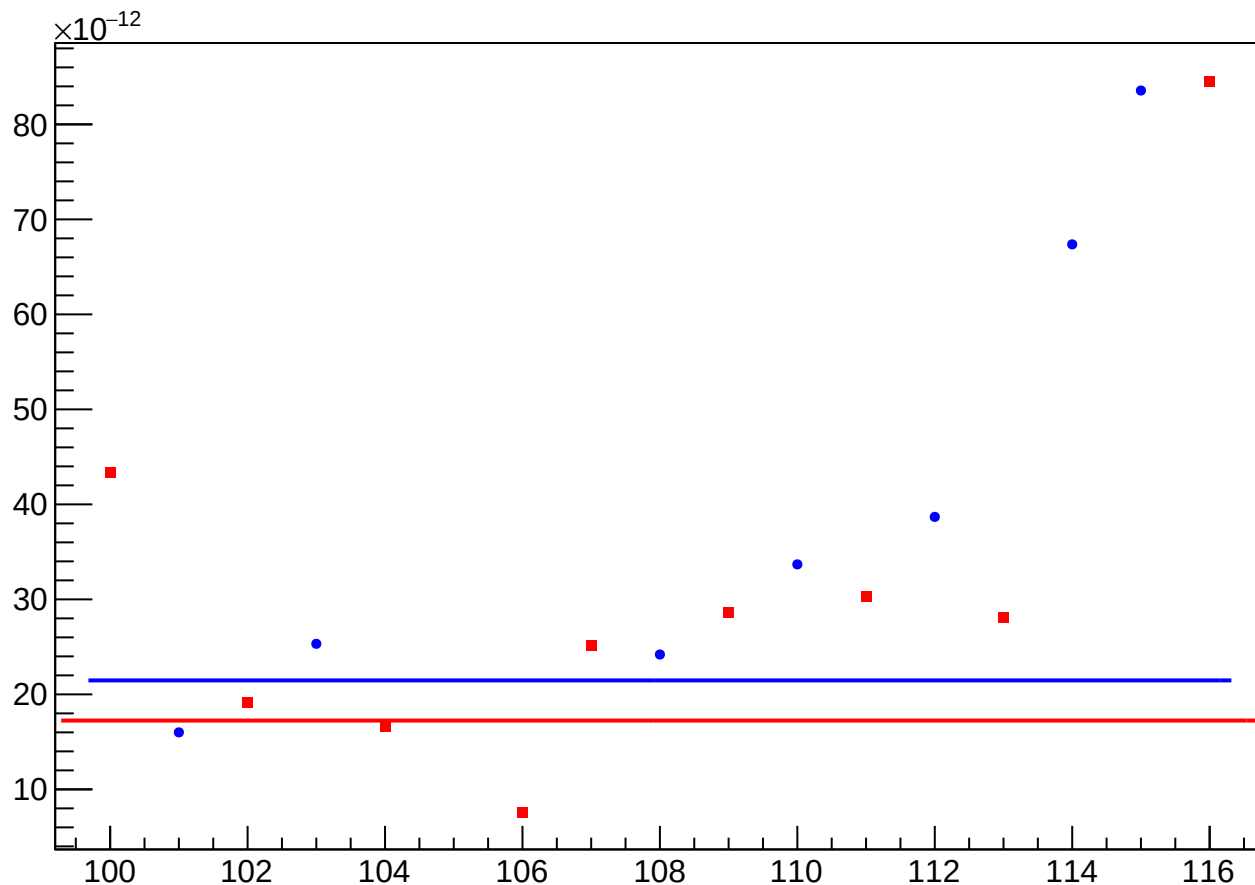
Right: -0.000+/-0.000 χ^2/NDF : 16.1/15

In: -0.000+/-0.000 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.1/15

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 357400.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 639174.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

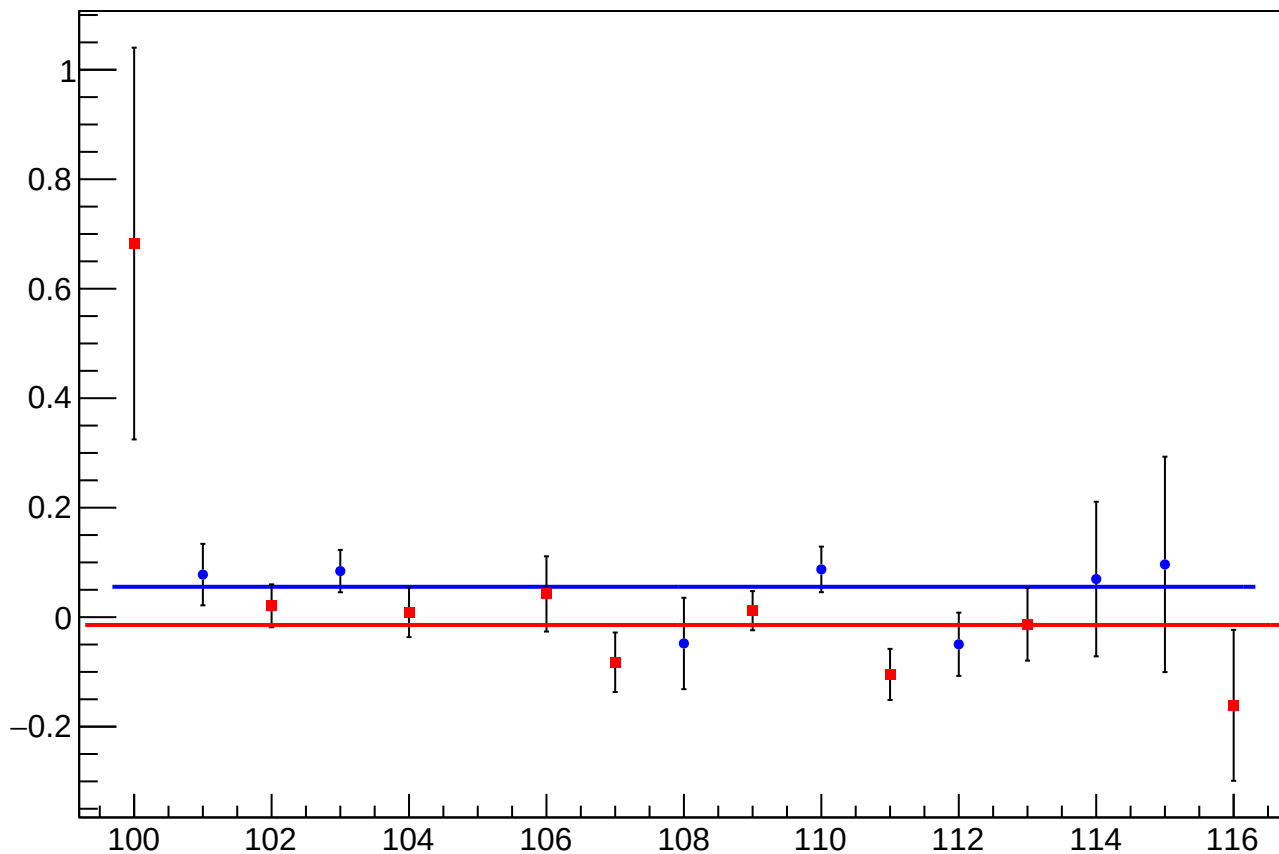
Right: 0.000+/-0.000 χ^2/NDF : 1057881.5/15

In: 0.000+/-0.000 χ^2/NDF : 357400.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1057881.5/15

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.022 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.018 χ^2/NDF : 12.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

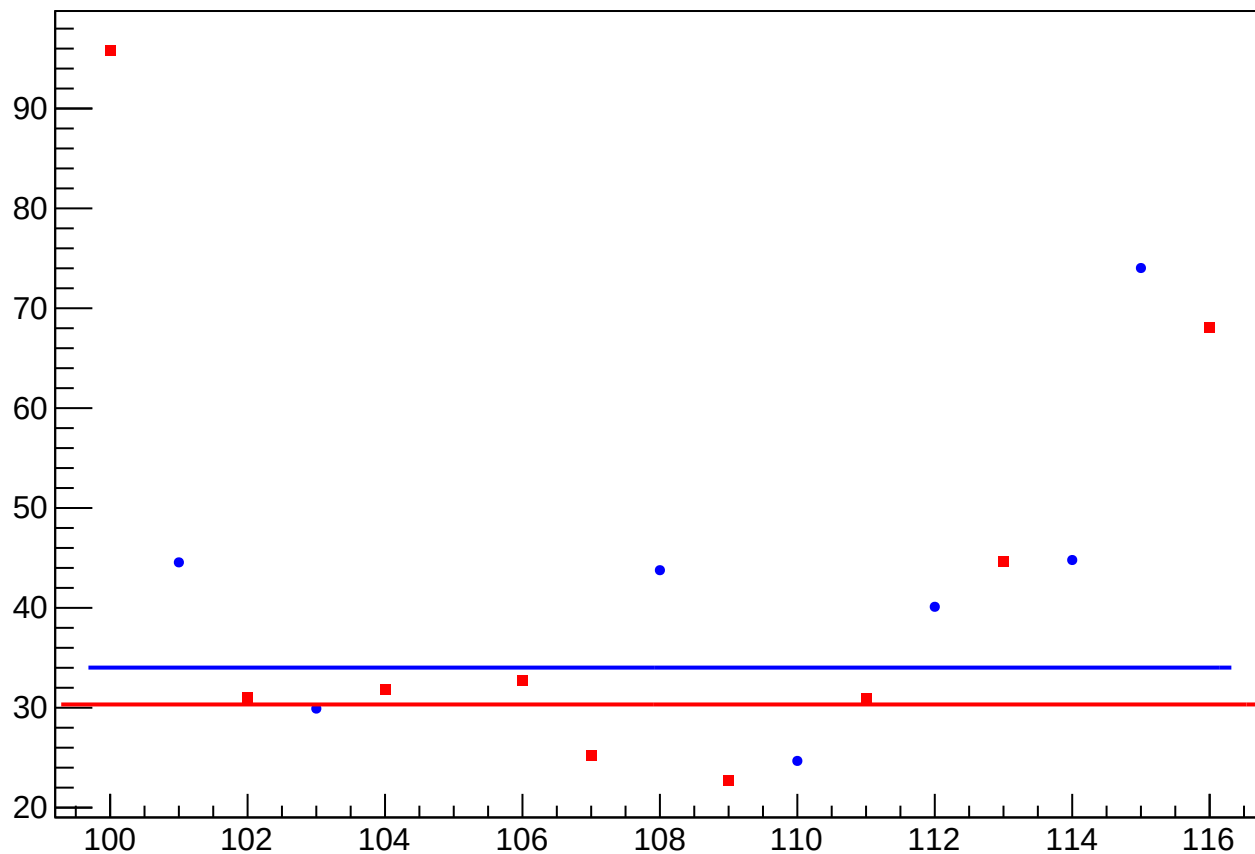
Right: 0.013+/-0.014 χ^2/NDF : 24.8/15

In: 0.056+/-0.022 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.014 χ^2/NDF : 24.8/15

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.020+/-0.015 χ^2/NDF : 337603.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.328+/-0.012 χ^2/NDF : 423360.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

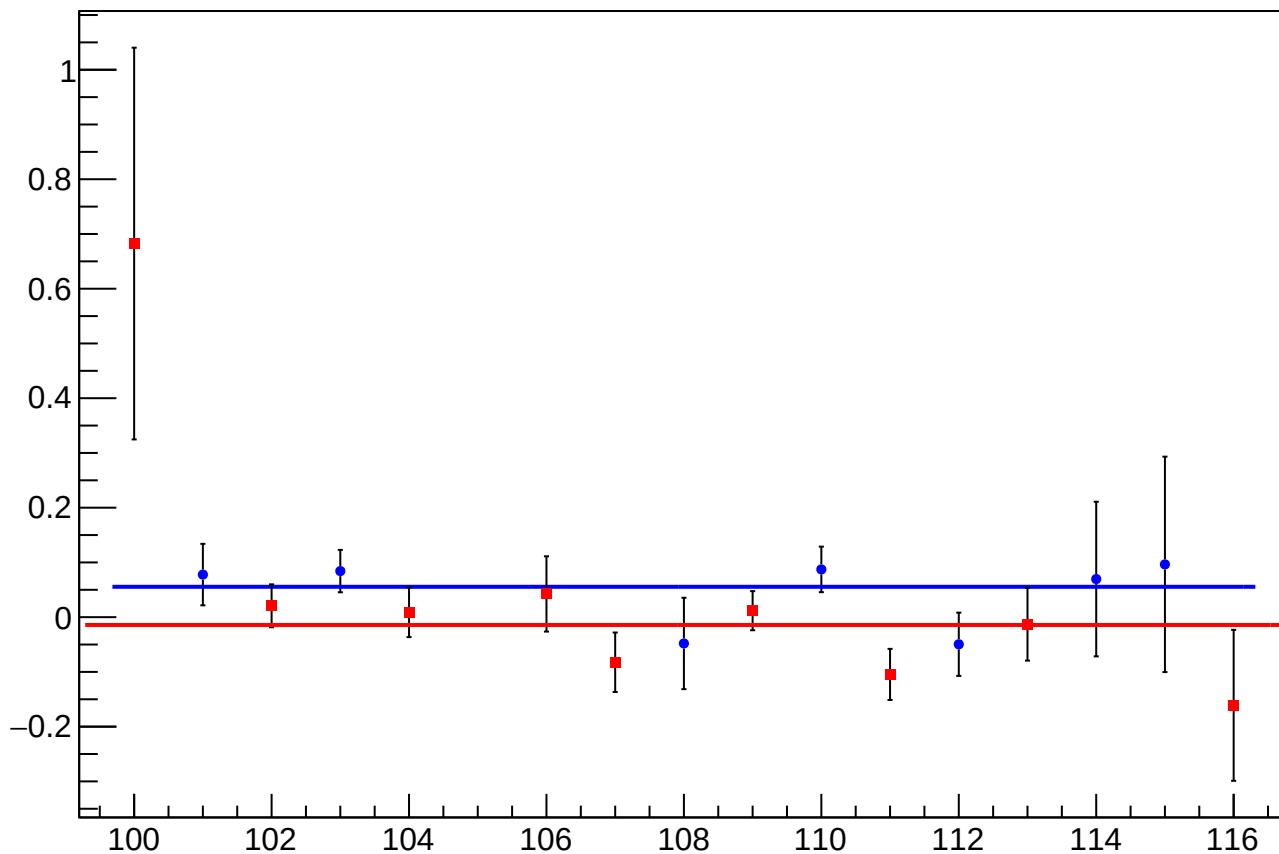
Right: 31.778+/-0.010 χ^2/NDF : 795420.1/15

In: 34.020+/-0.015 χ^2/NDF : 337603.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.778+/-0.010 χ^2/NDF : 795420.1/15

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.022 χ^2 /NDF: 6.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.018 χ^2 /NDF: 12.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

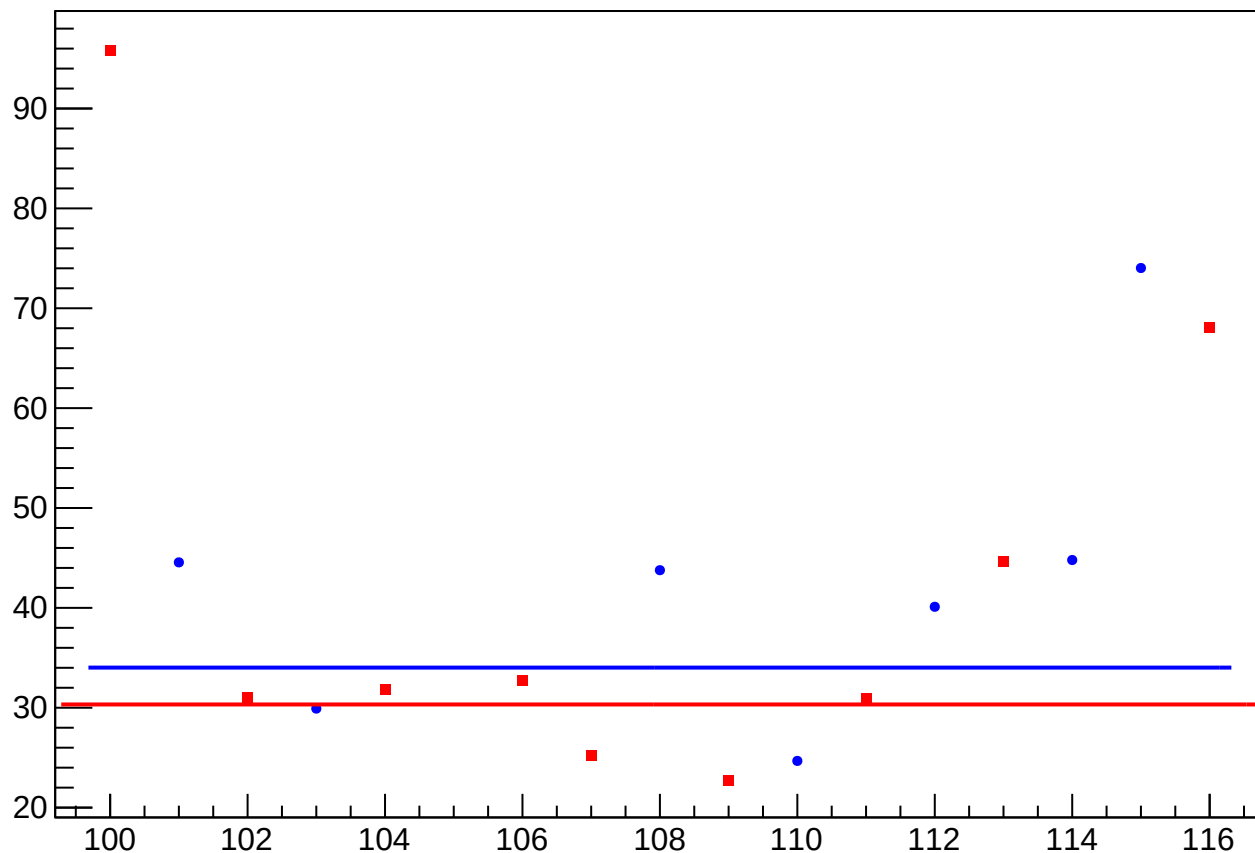
Right: 0.013 $\pm$ 0.014 χ^2 /NDF: 24.8/15

In: 0.056 $\pm$ 0.022 χ^2 /NDF:6.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.014 χ^2 /NDF: 24.8/15

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.020+/-0.015 χ^2/NDF : 337603.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.328+/-0.012 χ^2/NDF : 423360.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

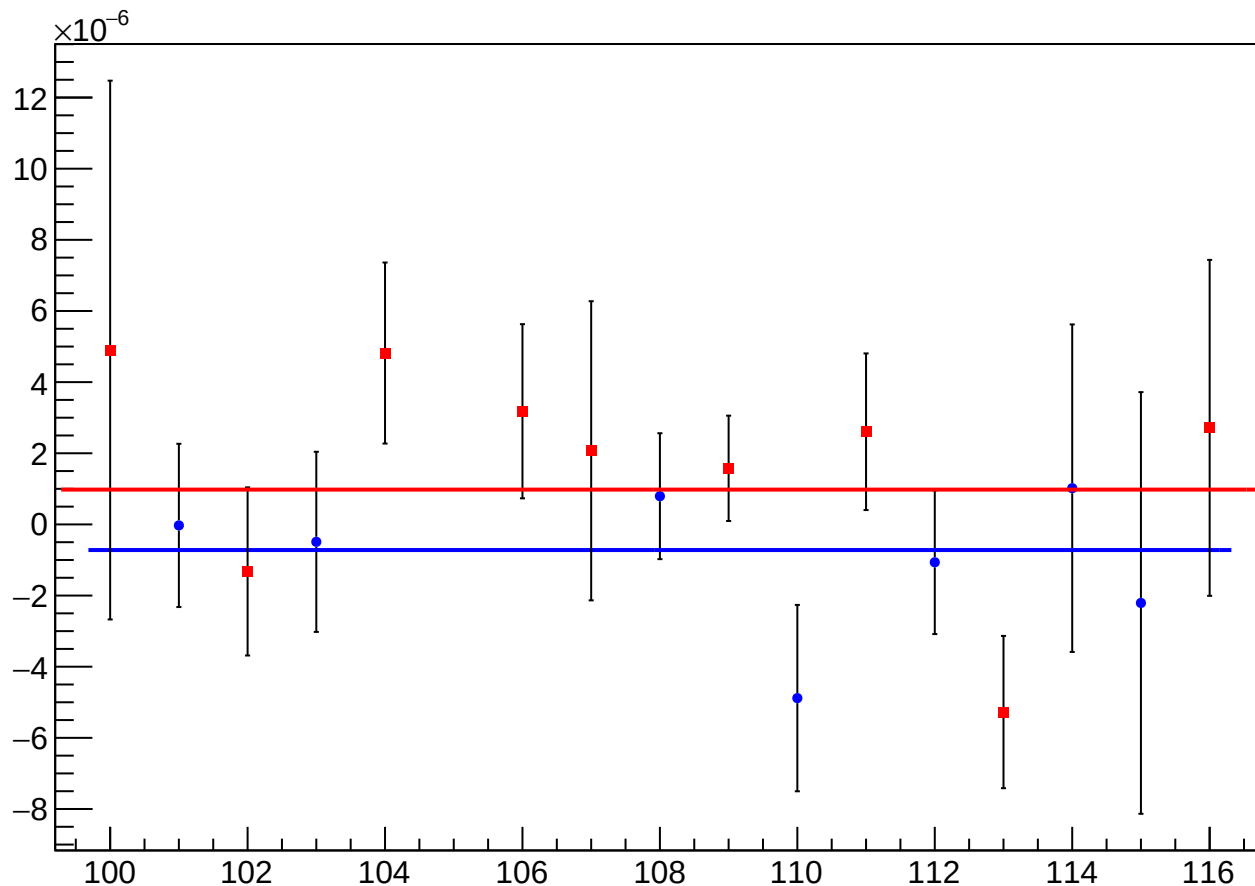
Right: 31.778+/-0.010 χ^2/NDF : 795420.1/15

In: 34.020+/-0.015 χ^2/NDF : 337603.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.778+/-0.010 χ^2/NDF : 795420.1/15

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

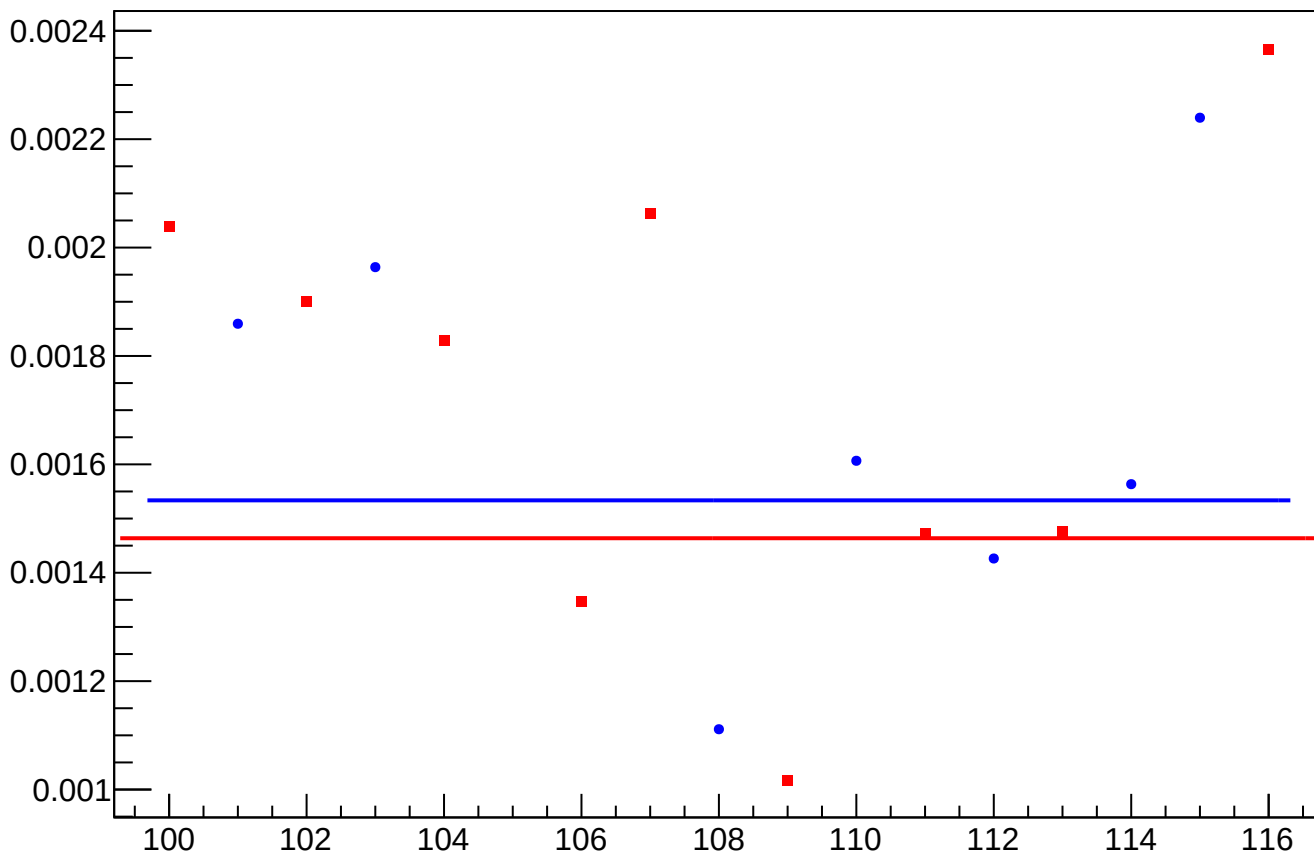
Right: 0.000+/-0.000 χ^2/NDF : 19.2/15

In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/15

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 247669.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 420809.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

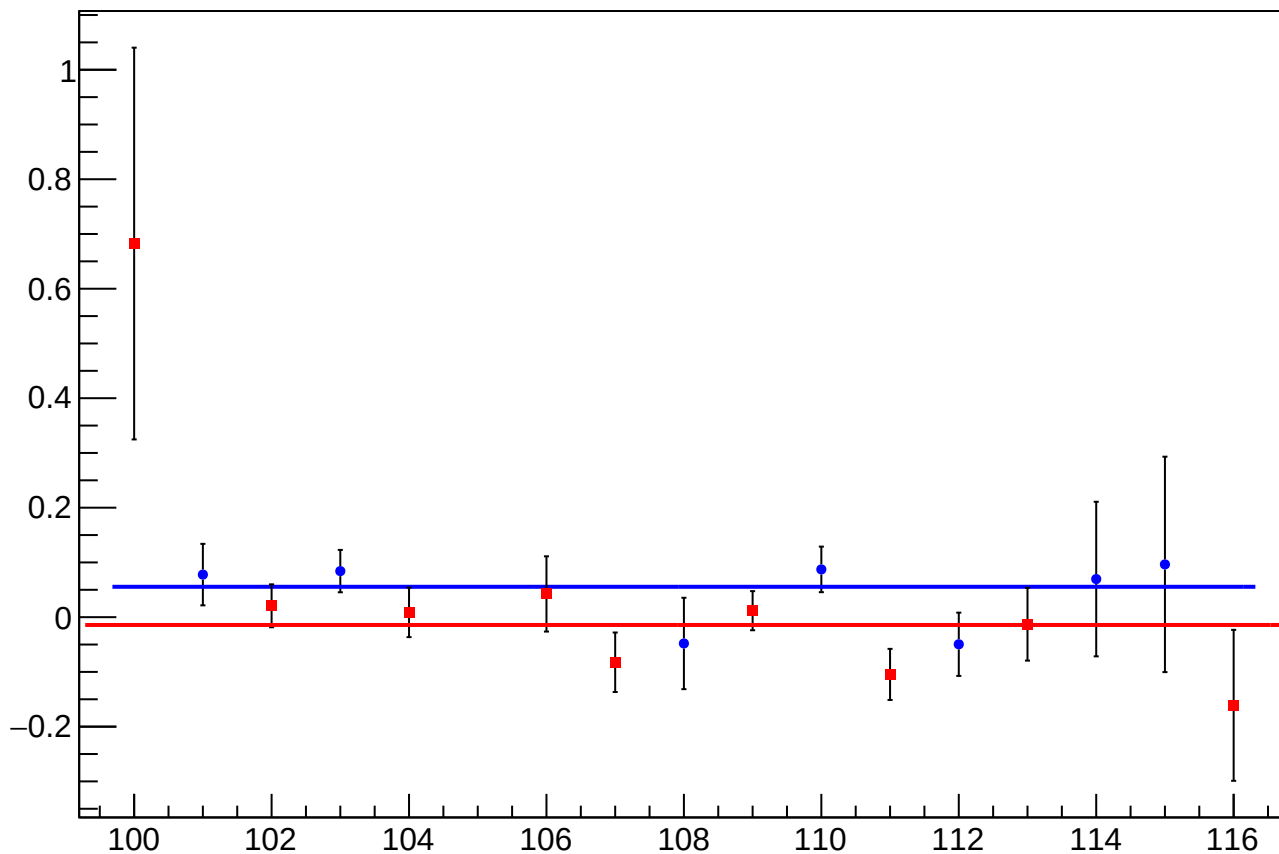
Right: 0.001+/-0.000 χ^2/NDF : 674782.1/15

In: 0.002+/-0.000 χ^2/NDF : 247669.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 674782.1/15

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.018 χ^2/NDF : 12.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

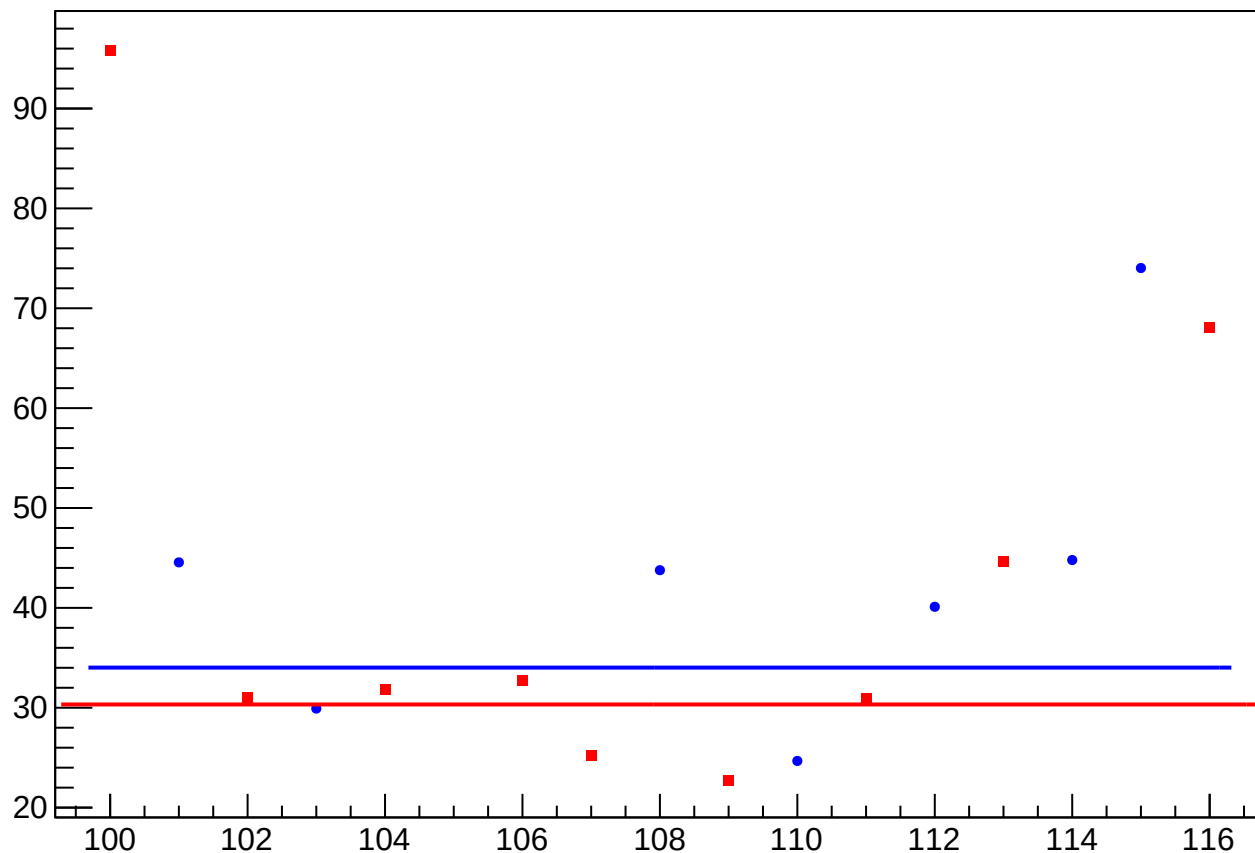
Right: 0.013+/-0.014 χ^2/NDF : 24.8/15

In: 0.055+/-0.022 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.014 χ^2/NDF : 24.8/15

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.019+/-0.015 χ^2/NDF : 337601.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.328+/-0.012 χ^2/NDF : 423360.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

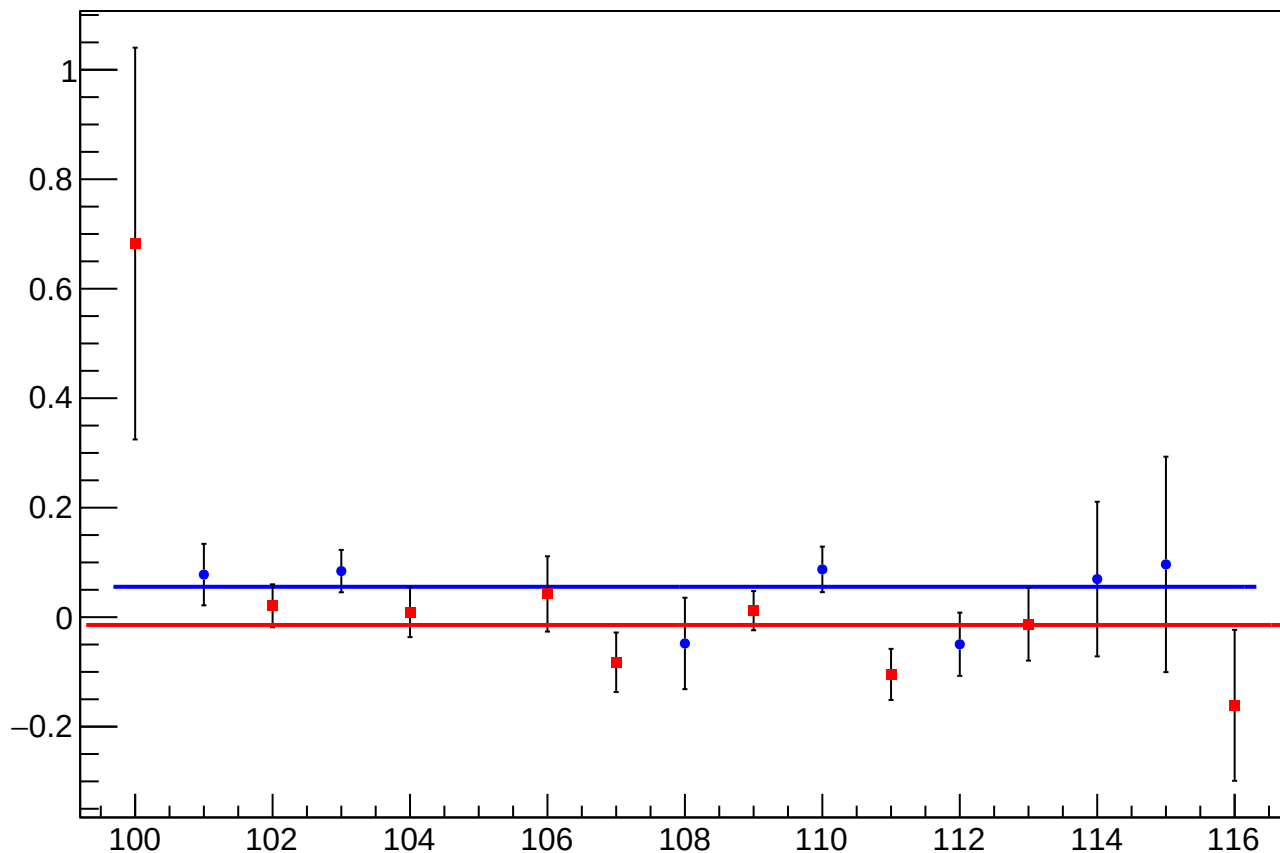
Right: 31.778+/-0.010 χ^2/NDF : 795415.9/15

In: 34.019+/-0.015 χ^2/NDF : 337601.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.778+/-0.010 χ^2/NDF : 795415.9/15

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.018 χ^2/NDF : 12.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

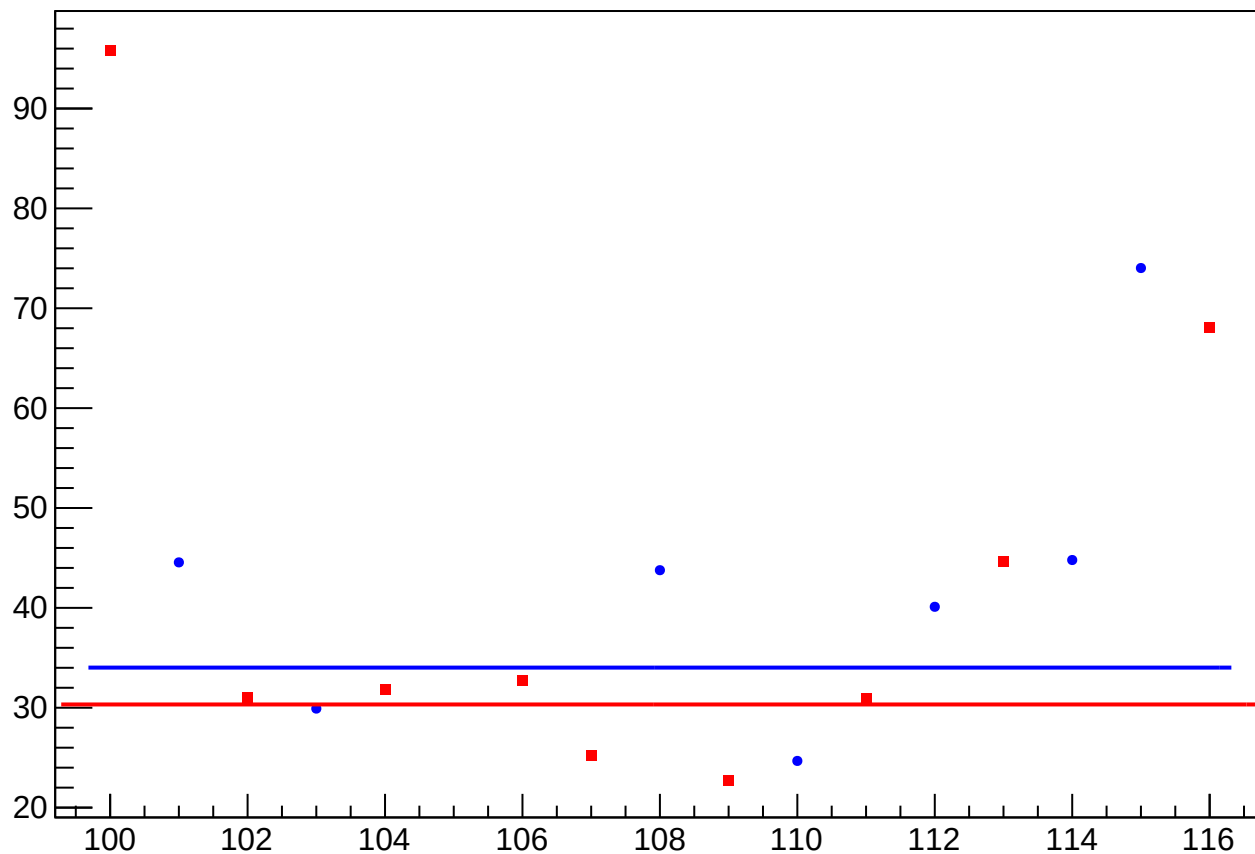
Right: 0.013+/-0.014 χ^2/NDF : 24.8/15

In: 0.055+/-0.022 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.014 χ^2/NDF : 24.8/15

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.019+/-0.015 χ^2/NDF : 337601.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.328+/-0.012 χ^2/NDF : 423360.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

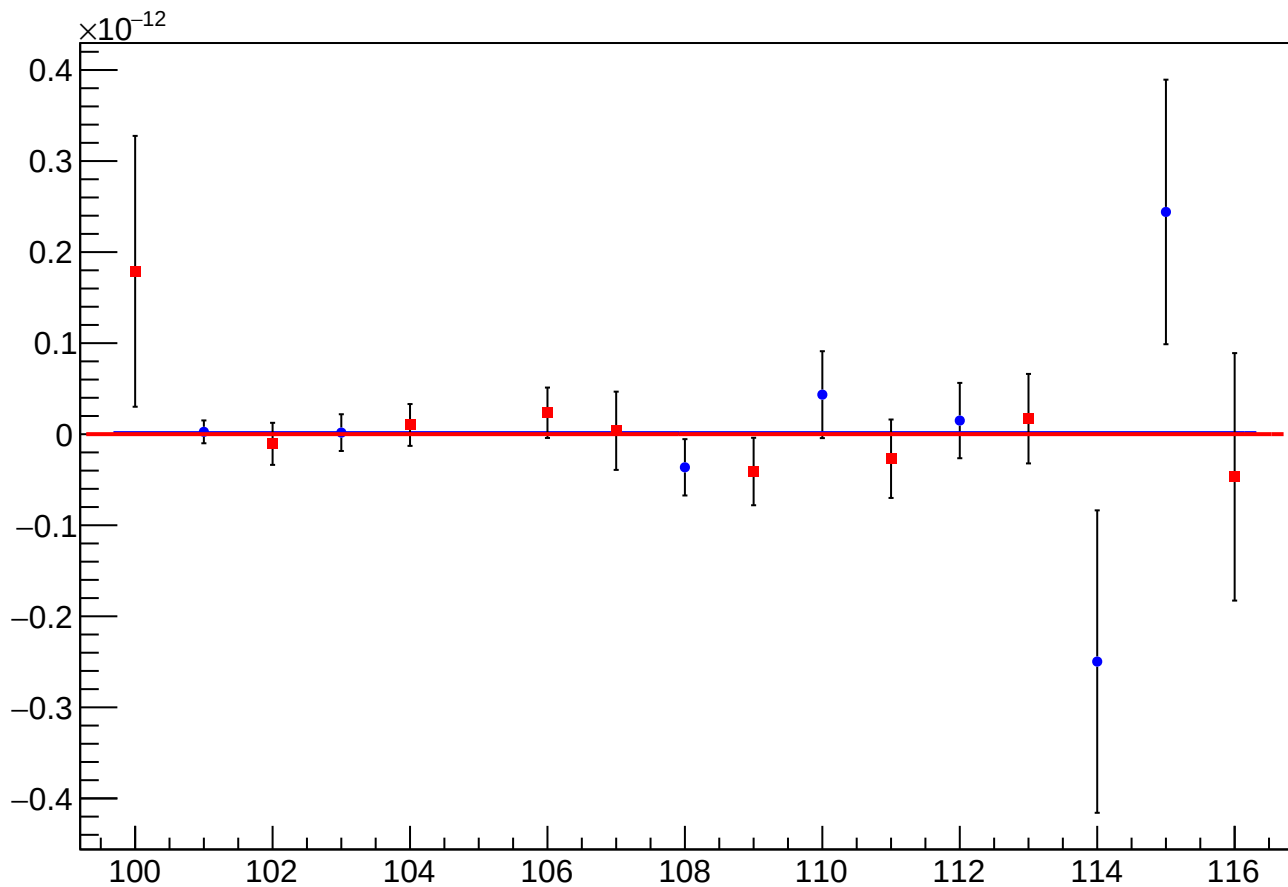
Right: 31.778+/-0.010 χ^2/NDF : 795415.9/15

In: 34.019+/-0.015 χ^2/NDF : 337601.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.778+/-0.010 χ^2/NDF : 795415.9/15

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

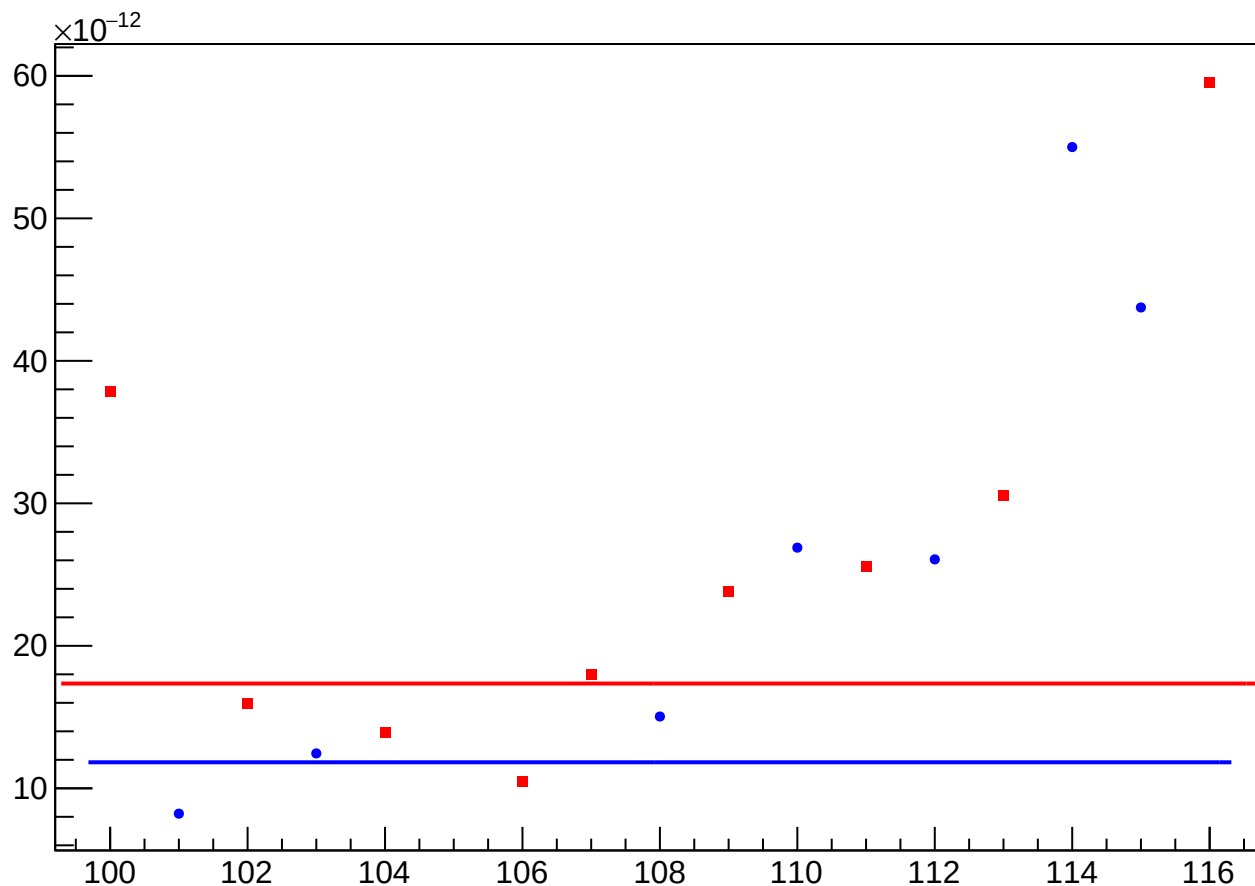
Right: 0.000+/-0.000 χ^2/NDF : 11.9/15

In: 0.000+/-0.000 χ^2/NDF : 7.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.9/15

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 856621.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683521.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

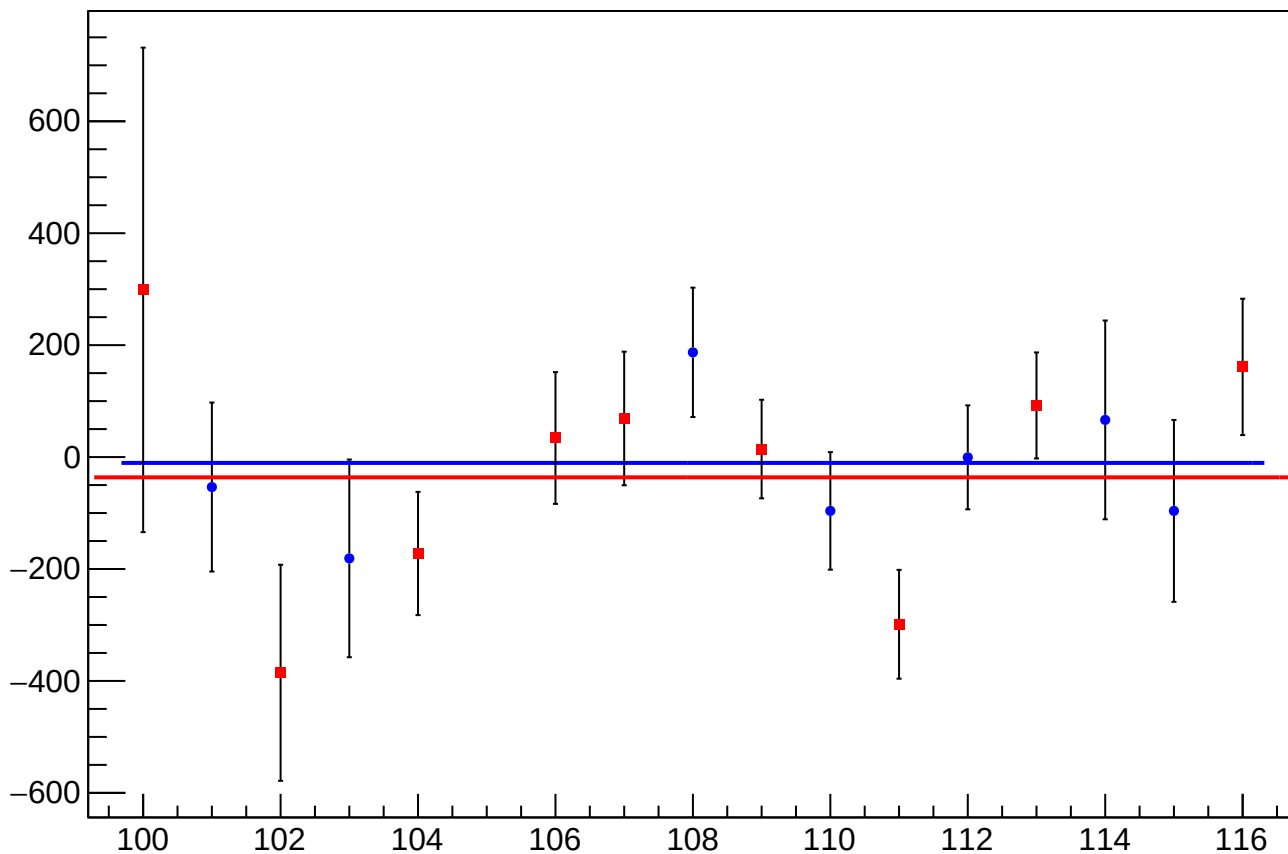
Right: 0.000+/-0.000 χ^2/NDF : 1809973.9/15

In: 0.000+/-0.000 χ^2/NDF : 856621.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1809973.9/15

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -10.437 $\pm$ 48.395 χ^2 /NDF: 5.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.207 $\pm$ 38.618 χ^2 /NDF: 18.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

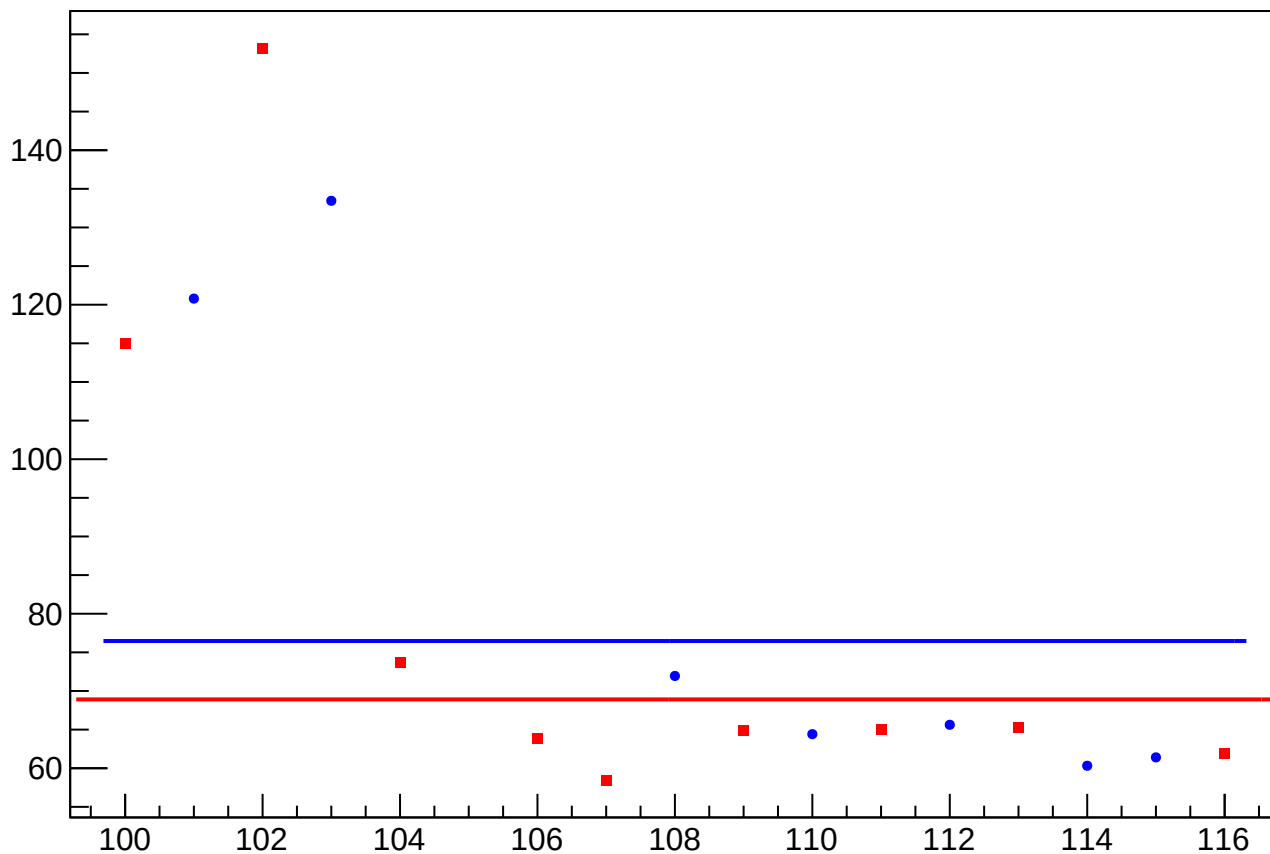
Right: -26.181 $\pm$ 30.185 χ^2 /NDF: 23.9/15

In: -10.437 $\pm$ 48.395 χ^2 /NDF: 5.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.181 $\pm$ 30.185 χ^2 /NDF: 23.9/15

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 76.467 $\pm$ 0.034 χ^2 /NDF: 470920.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.908 $\pm$ 0.027 χ^2 /NDF: 443054.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

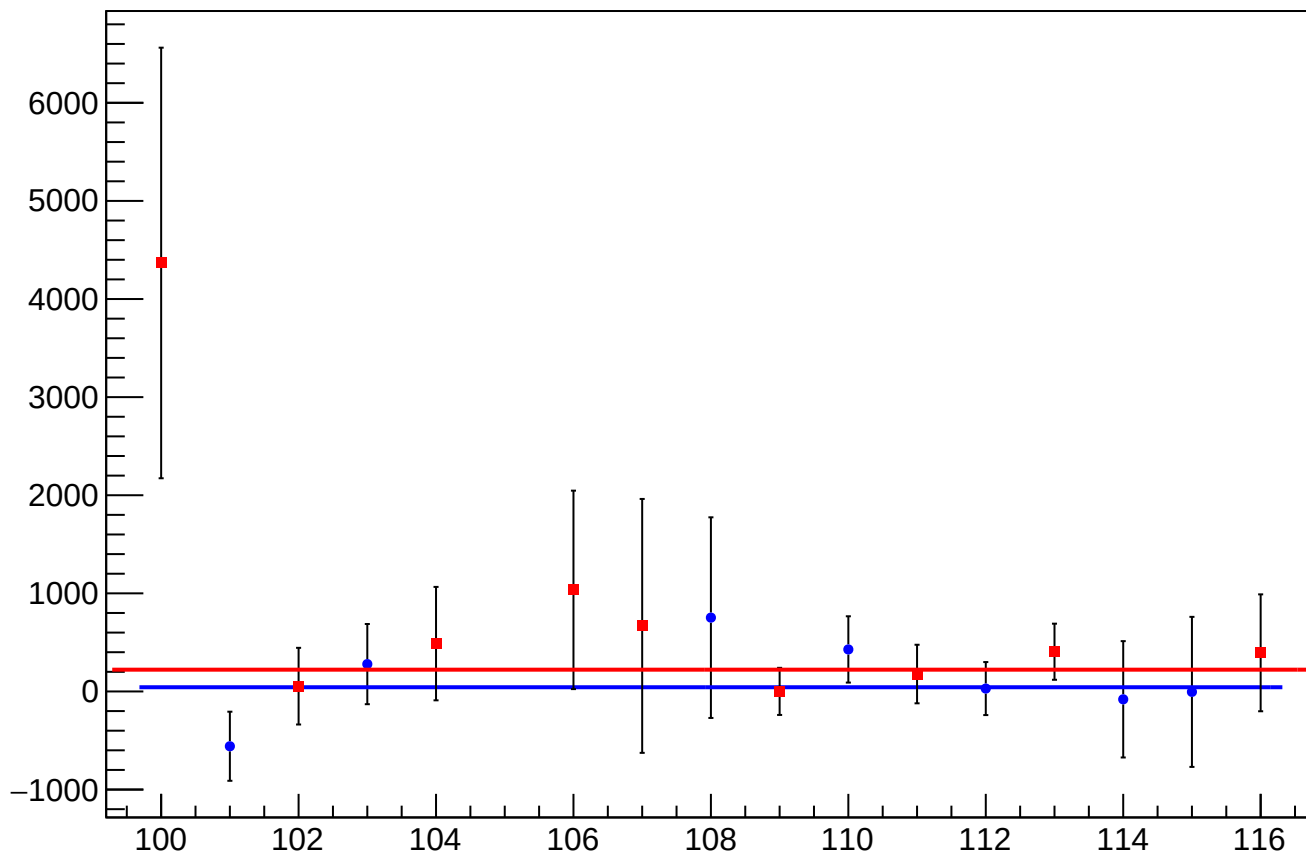
Right: 71.849 $\pm$ 0.021 χ^2 /NDF: 943784.9/15

In: 76.467 $\pm$ 0.034 χ^2 /NDF: 470920.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.849 $\pm$ 0.021 χ^2 /NDF: 943784.9/15

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 42.910+/-154.276 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.943+/-134.901 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

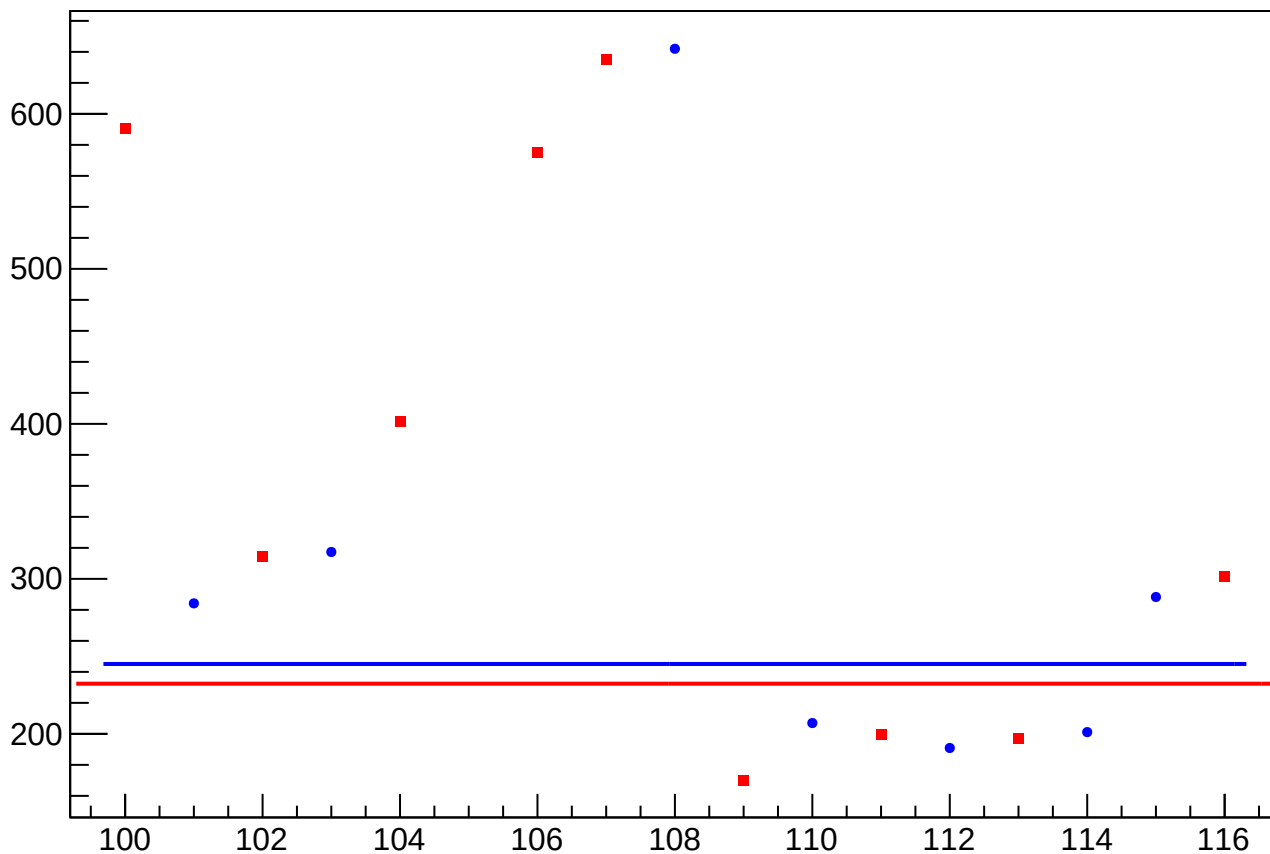
Right: 144.368+/-101.553 χ^2/NDF : 11.9/15

In: 42.910+/-154.276 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.368+/-101.553 χ^2/NDF : 11.9/15

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 245.091+/-0.109 χ^2/NDF : 511759.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 232.364+/-0.095 χ^2/NDF : 952918.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

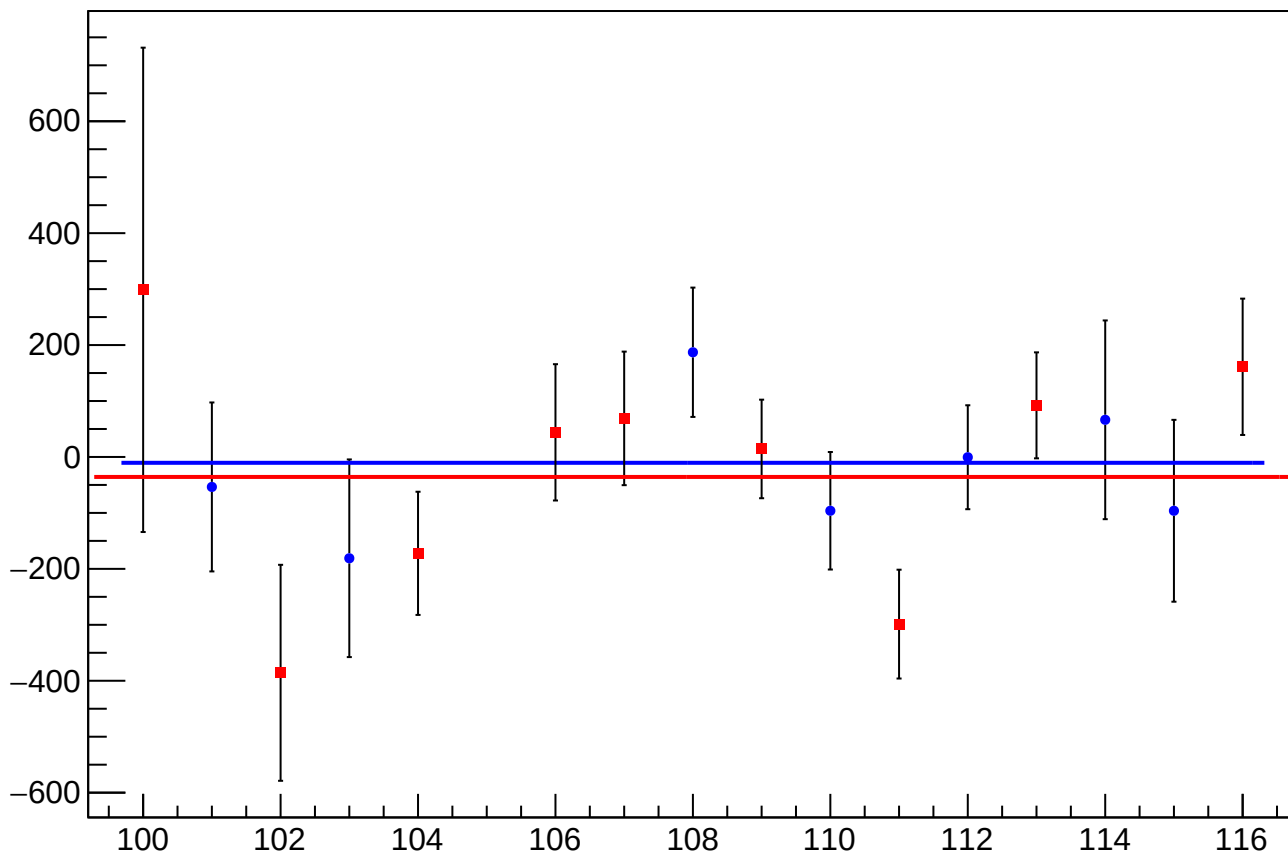
Right: 237.879+/-0.072 χ^2/NDF : 1472390.2/15

In: 245.091+/-0.109 χ^2/NDF :511759.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 237.879+/-0.072 χ^2/NDF : 1472390.2/15

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -10.441 ± 48.395 χ^2/NDF : 5.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.711 ± 38.755 χ^2/NDF : 18.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

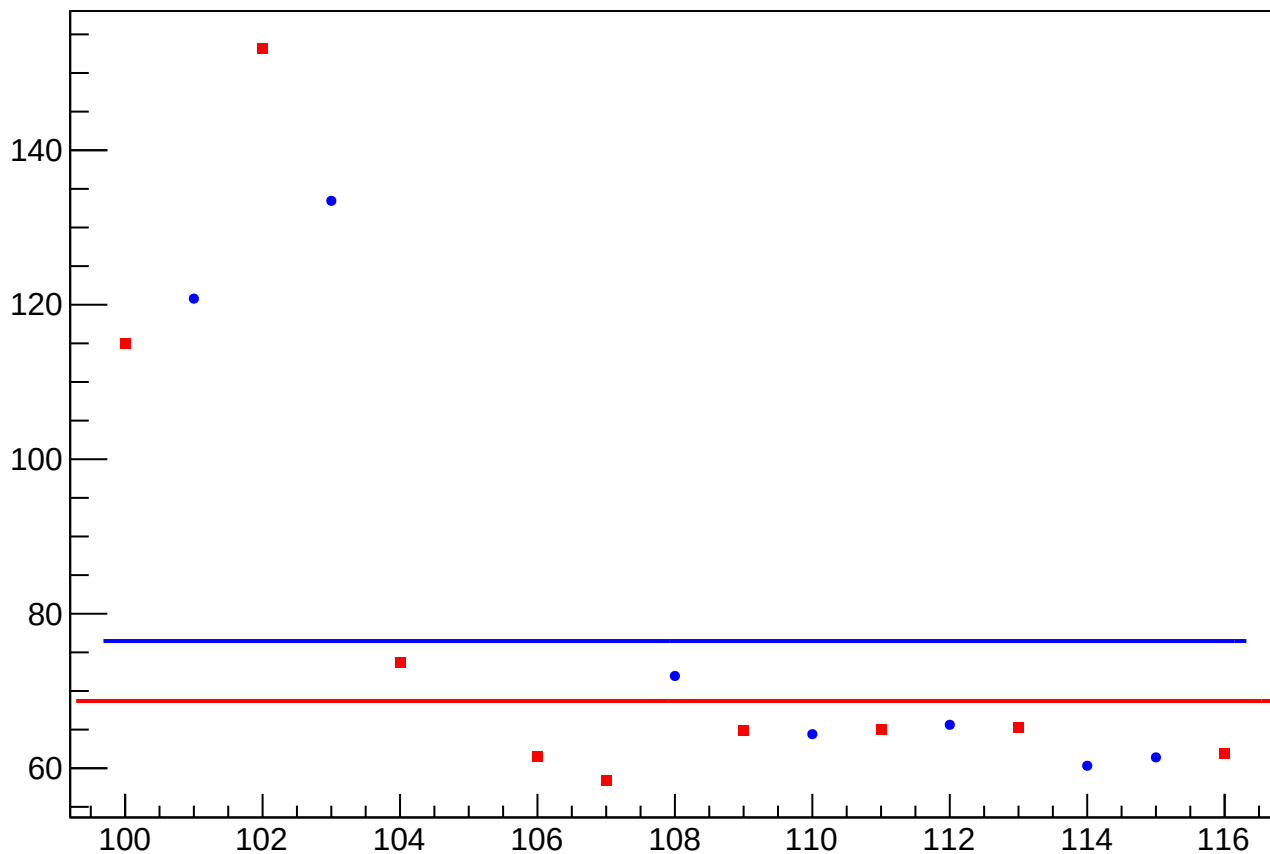
Right: -25.837 ± 30.251 χ^2/NDF : 23.9/15

In: -10.441 ± 48.395 χ^2/NDF : 5.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.837 ± 30.251 χ^2/NDF : 23.9/15

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 76.467 $\pm$ 0.034 χ^2 /NDF: 470920.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.705 $\pm$ 0.027 χ^2 /NDF: 446717.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

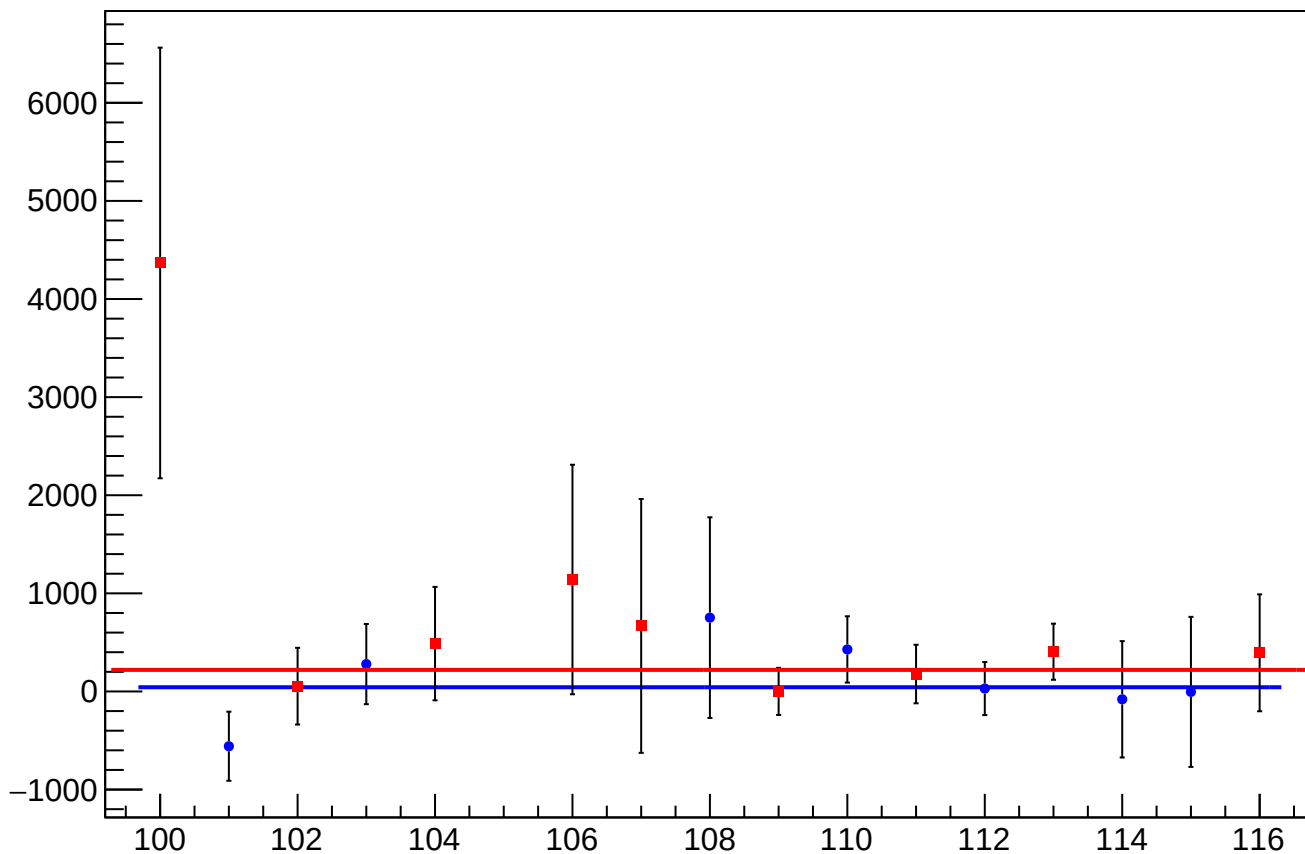
Right: 71.738 $\pm$ 0.021 χ^2 /NDF: 948987.9/15

In: 76.467 $\pm$ 0.034 χ^2 /NDF: 470920.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.738 $\pm$ 0.021 χ^2 /NDF: 948987.9/15

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 42.917+/-154.278 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.700+/-135.213 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

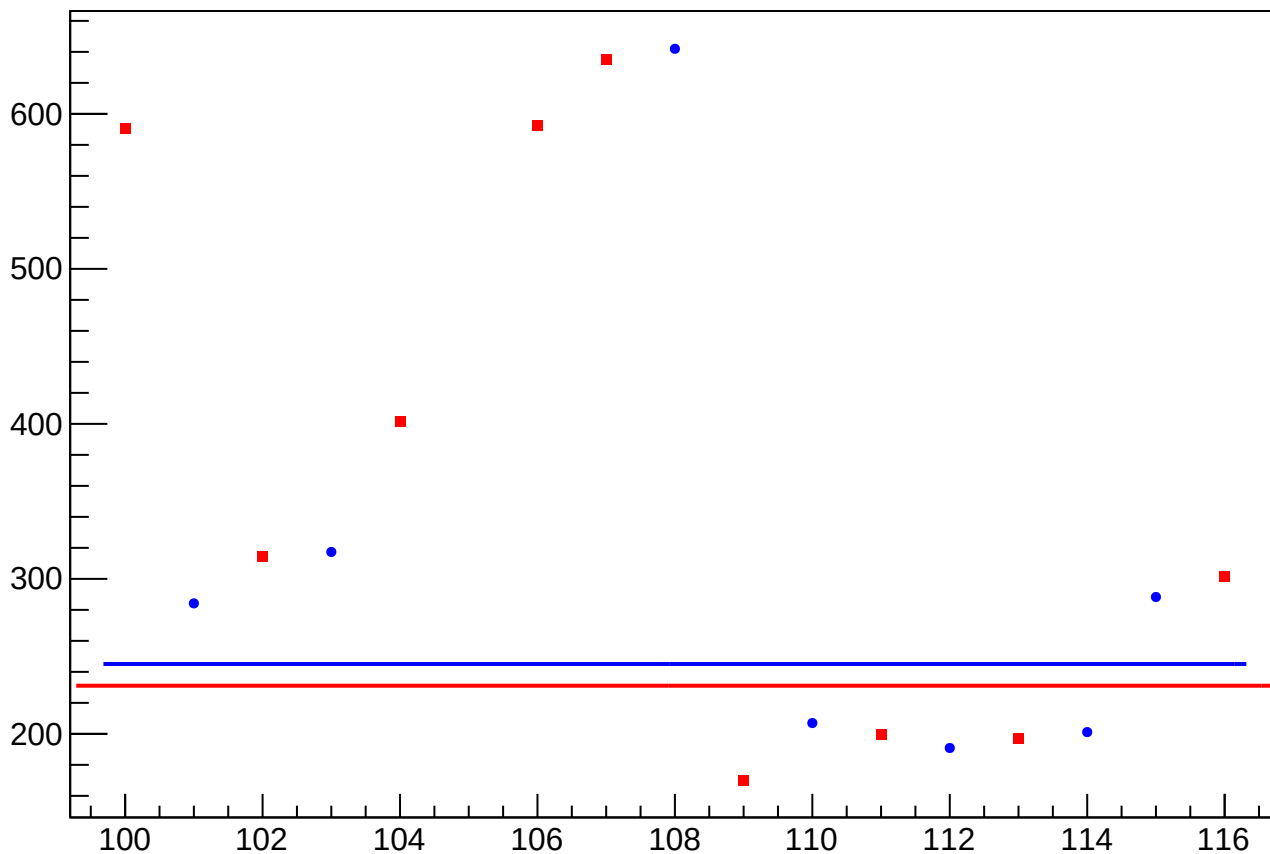
Right: 142.901+/-101.686 χ^2/NDF : 11.9/15

In: 42.917+/-154.278 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.901+/-101.686 χ^2/NDF : 11.9/15

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 245.092+/-0.109 χ^2/NDF : 511787.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 231.067+/-0.096 χ^2/NDF : 913425.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

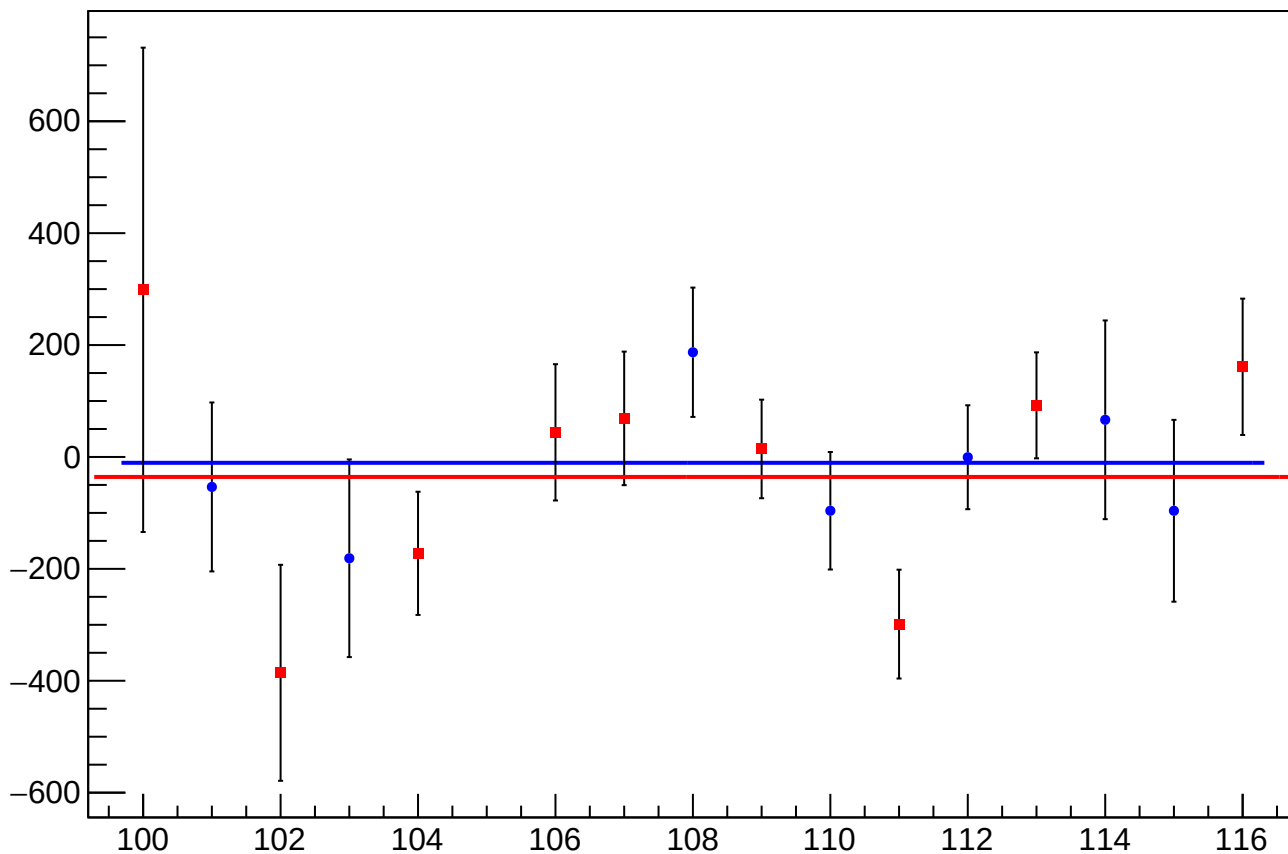
Right: 237.160+/-0.072 χ^2/NDF : 1434562.4/15

In: 245.092+/-0.109 χ^2/NDF :511787.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 237.160+/-0.072 χ^2/NDF : 1434562.4/15

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -10.441 ± 48.395 χ^2/NDF : 5.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.711 ± 38.755 χ^2/NDF : 18.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

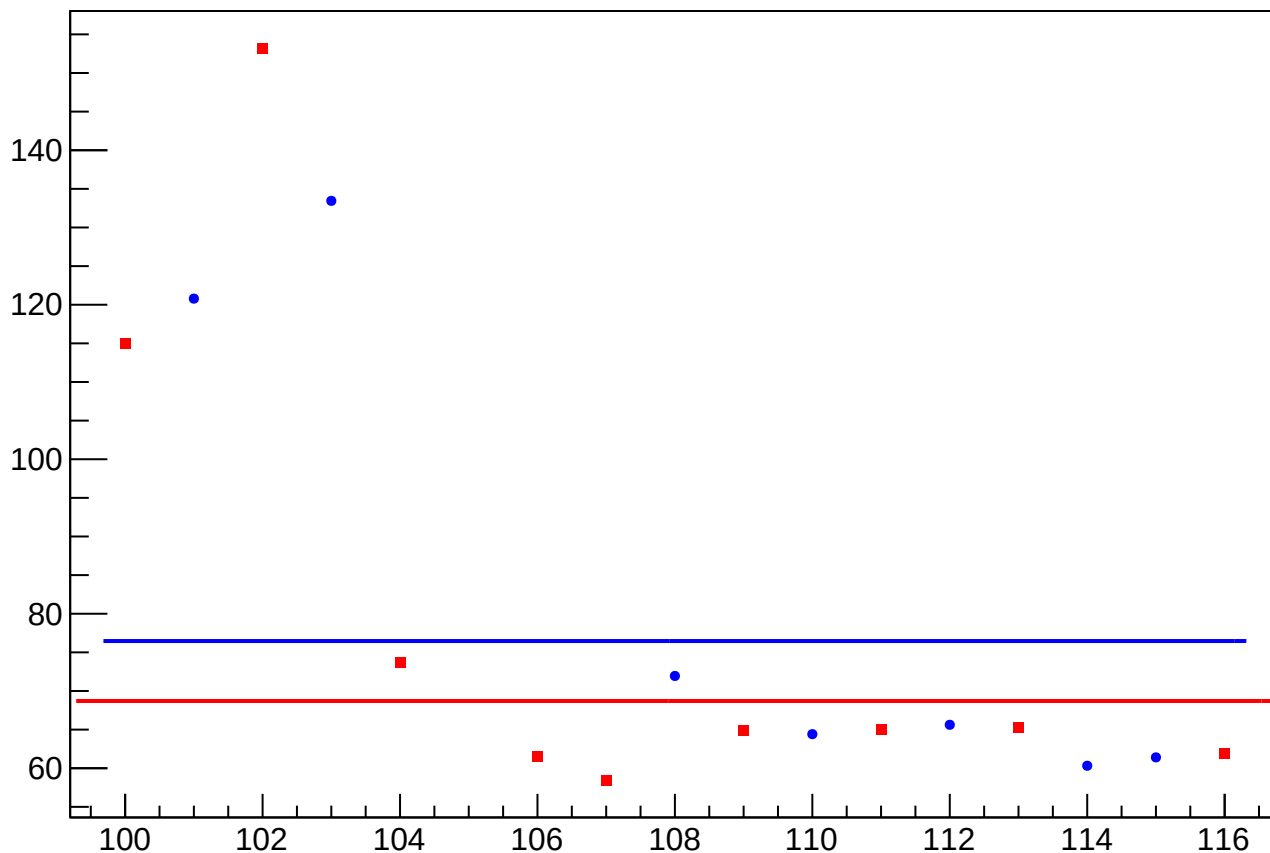
Right: -25.837 ± 30.251 χ^2/NDF : 23.9/15

In: -10.441 ± 48.395 χ^2/NDF : 5.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.837 ± 30.251 χ^2/NDF : 23.9/15

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 76.467 $\pm$ 0.034 χ^2 /NDF: 470920.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.705 $\pm$ 0.027 χ^2 /NDF: 446717.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

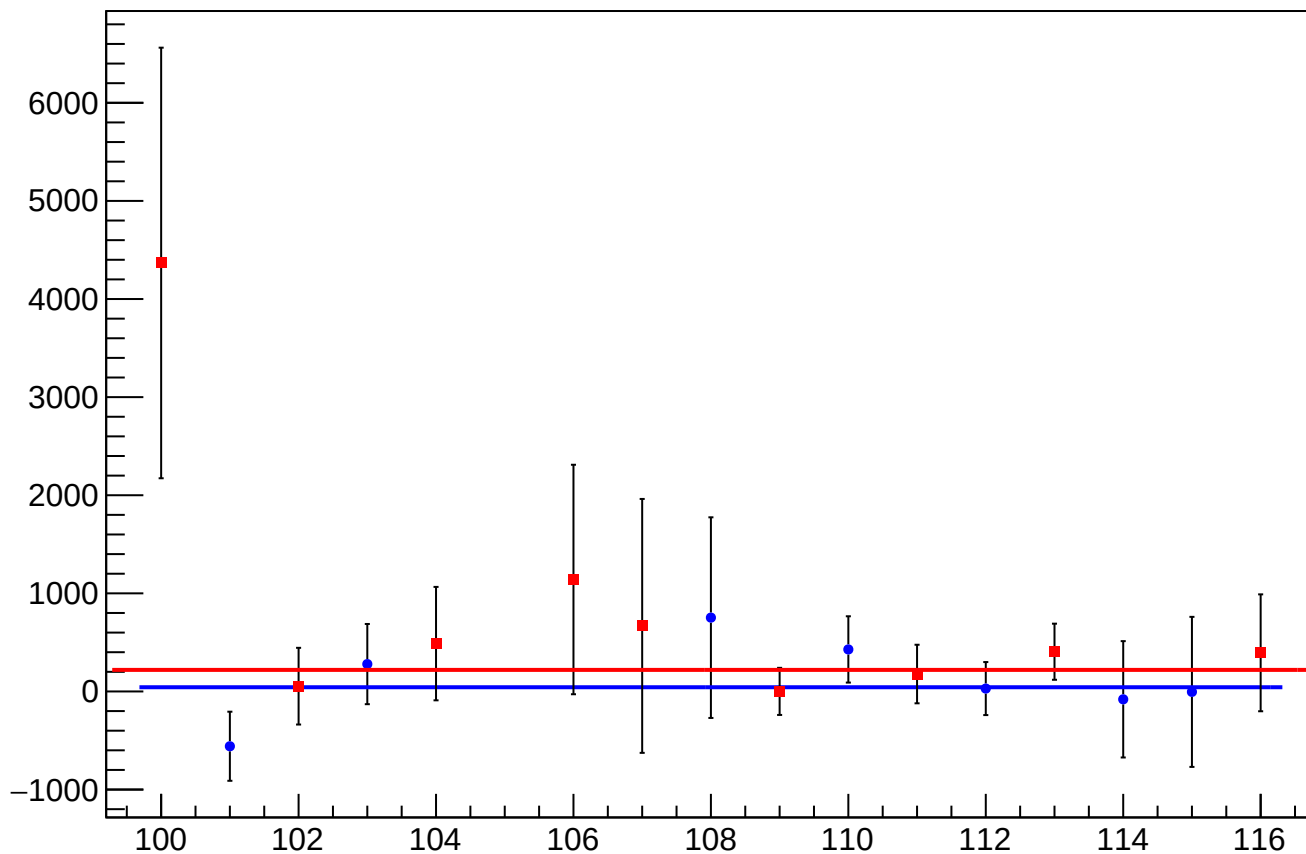
Right: 71.738 $\pm$ 0.021 χ^2 /NDF: 948987.9/15

In: 76.467 $\pm$ 0.034 χ^2 /NDF: 470920.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.738 $\pm$ 0.021 χ^2 /NDF: 948987.9/15

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 42.917+/-154.278 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.700+/-135.213 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

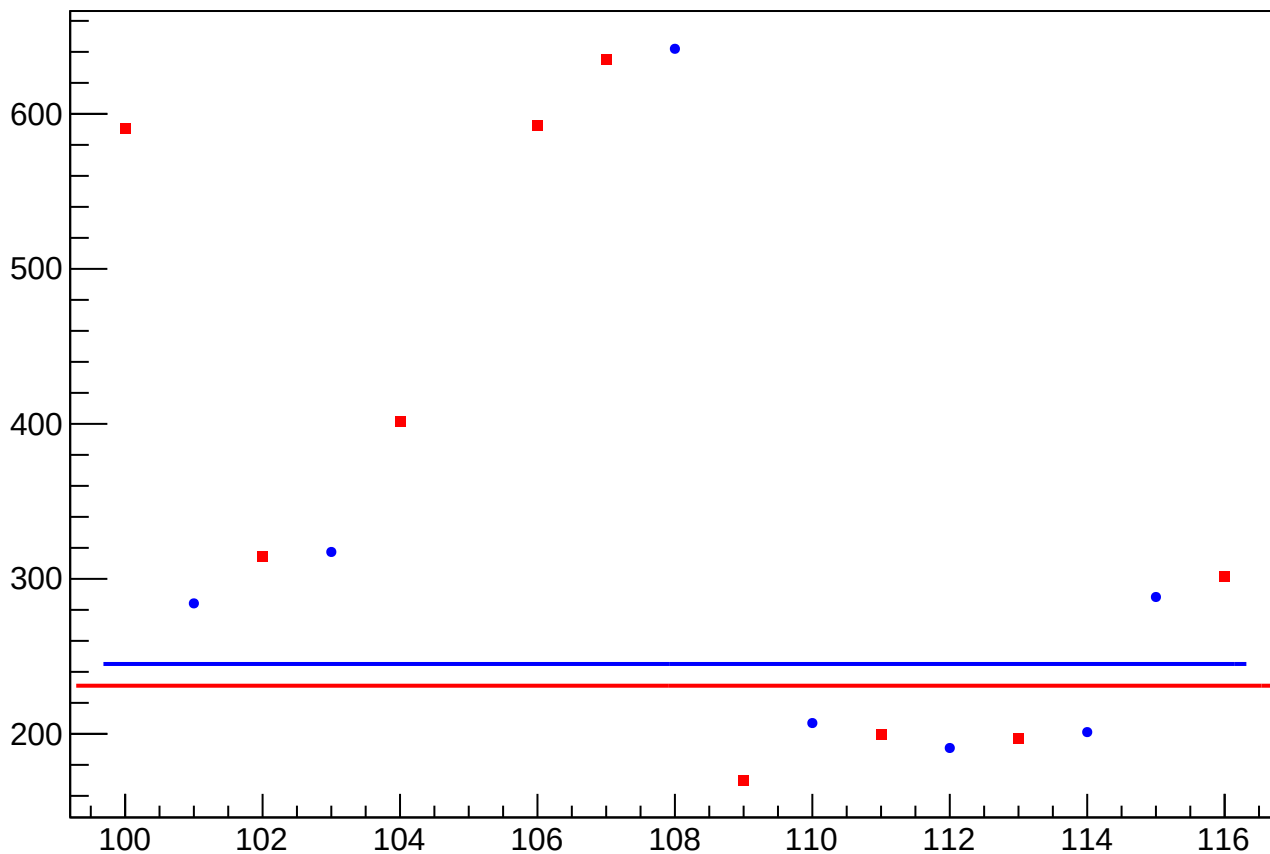
Right: 142.901+/-101.686 χ^2/NDF : 11.9/15

In: 42.917+/-154.278 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.901+/-101.686 χ^2/NDF : 11.9/15

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 245.092+/-0.109 χ^2/NDF : 511787.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.067+/-0.096 χ^2/NDF : 913425.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

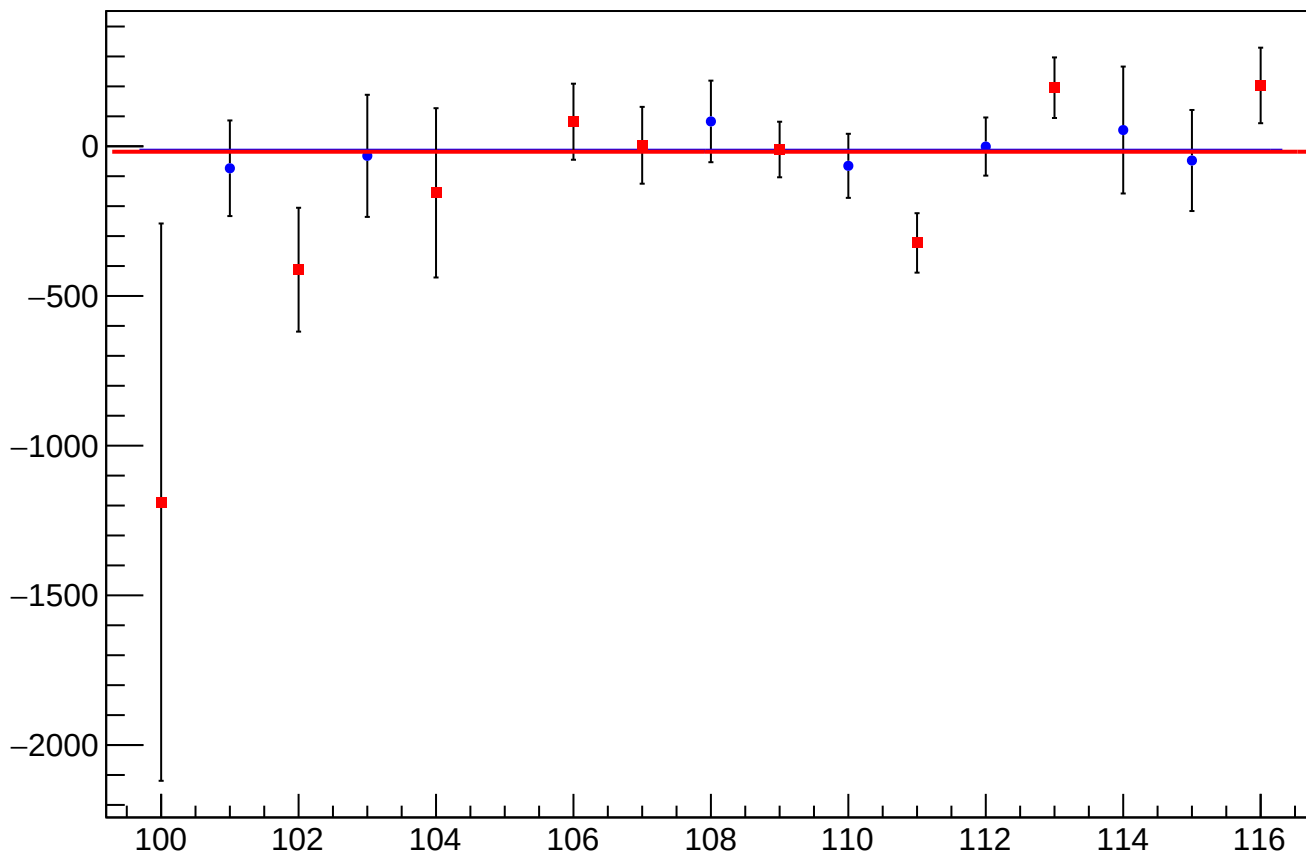
Right: 237.160+/-0.072 χ^2/NDF : 1434562.4/15

In: 245.092+/-0.109 χ^2/NDF : 511787.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.160+/-0.072 χ^2/NDF : 1434562.4/15

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -14.789+/-52.138 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.213+/-43.118 χ^2/NDF : 23.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

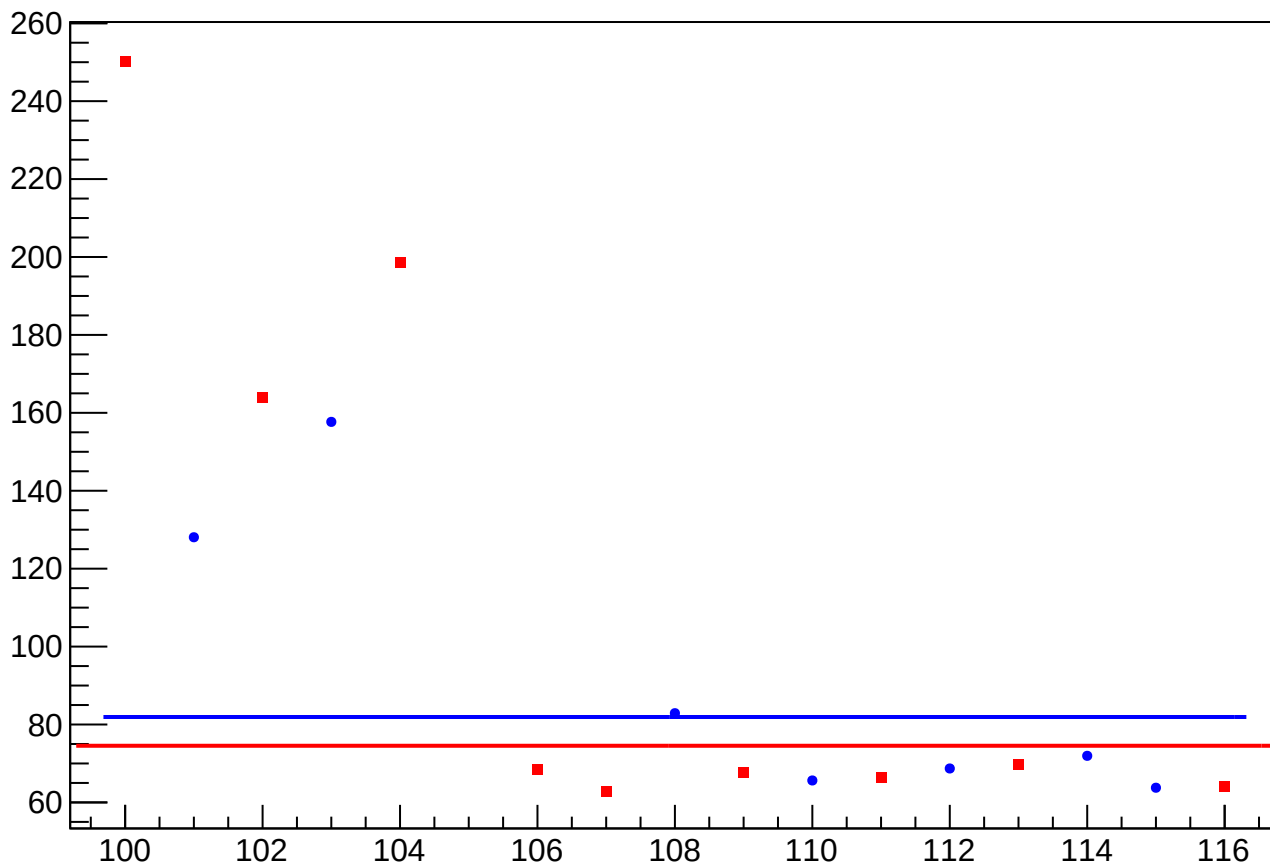
Right: -16.822+/-33.228 χ^2/NDF : 24.1/15

In: -14.789+/-52.138 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.822+/-33.228 χ^2/NDF : 24.1/15

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 81.927+/-0.037 χ^2/NDF : 553912.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.545+/-0.030 χ^2/NDF : 894048.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

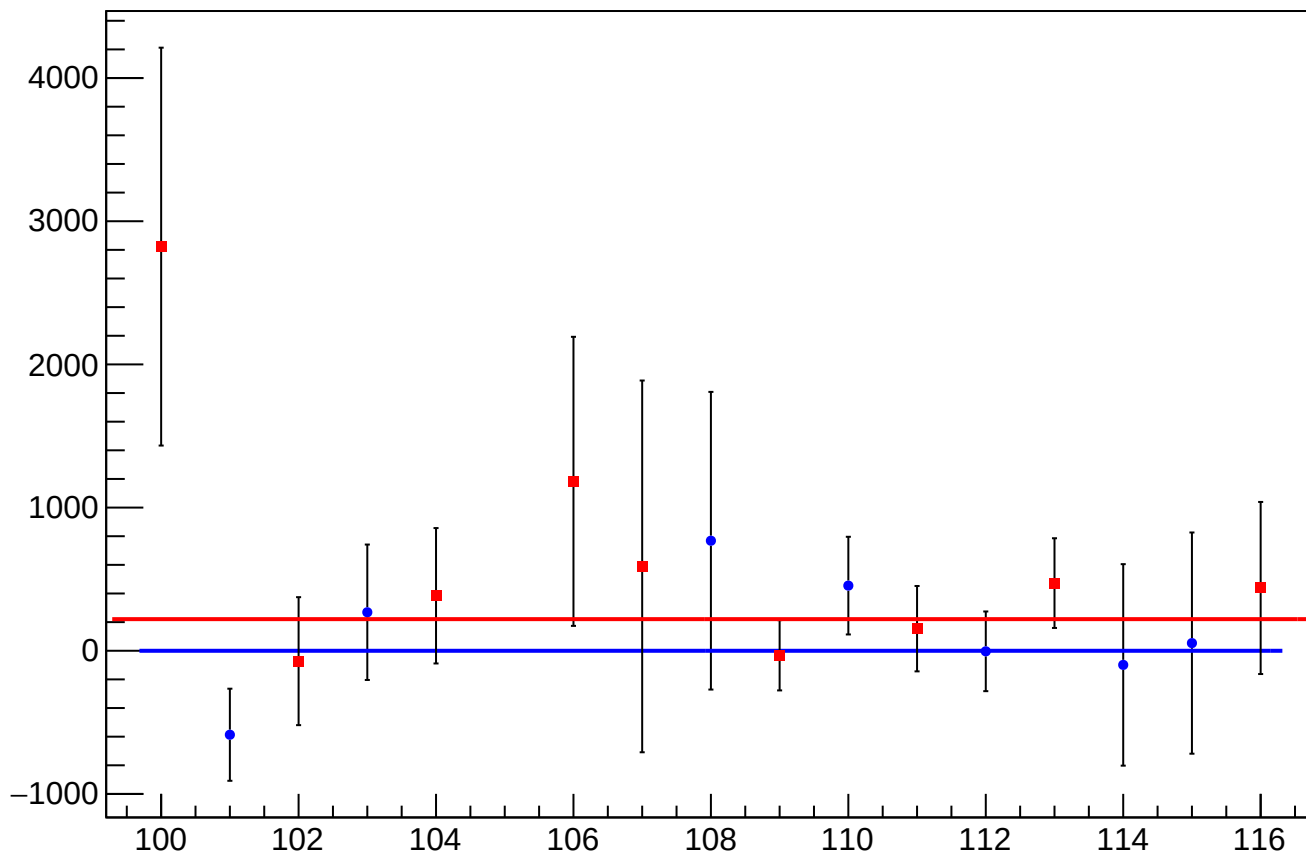
Right: 77.543+/-0.023 χ^2/NDF : 1471771.5/15

In: 81.927+/-0.037 χ^2/NDF : 553912.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.543+/-0.023 χ^2/NDF : 1471771.5/15

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -0.171 ± 157.587 χ^2/NDF : 6.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 220.861 ± 138.168 χ^2/NDF : 6.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

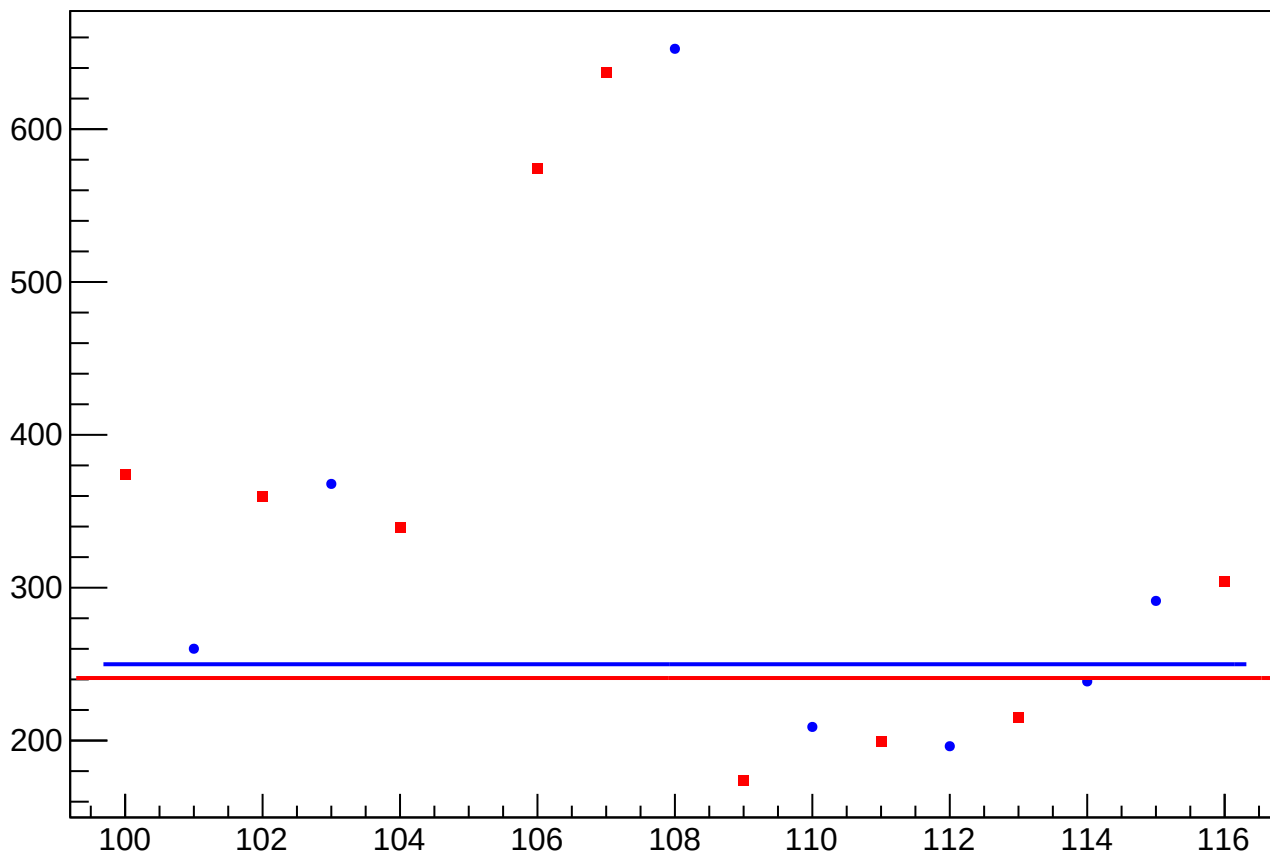
Right: 124.795 ± 103.891 χ^2/NDF : 14.0/15

In: -0.171 ± 157.587 χ^2/NDF : 6.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 124.795 ± 103.891 χ^2/NDF : 14.0/15

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 249.922+/-0.111 χ^2/NDF : 536003.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.915+/-0.098 χ^2/NDF : 875969.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

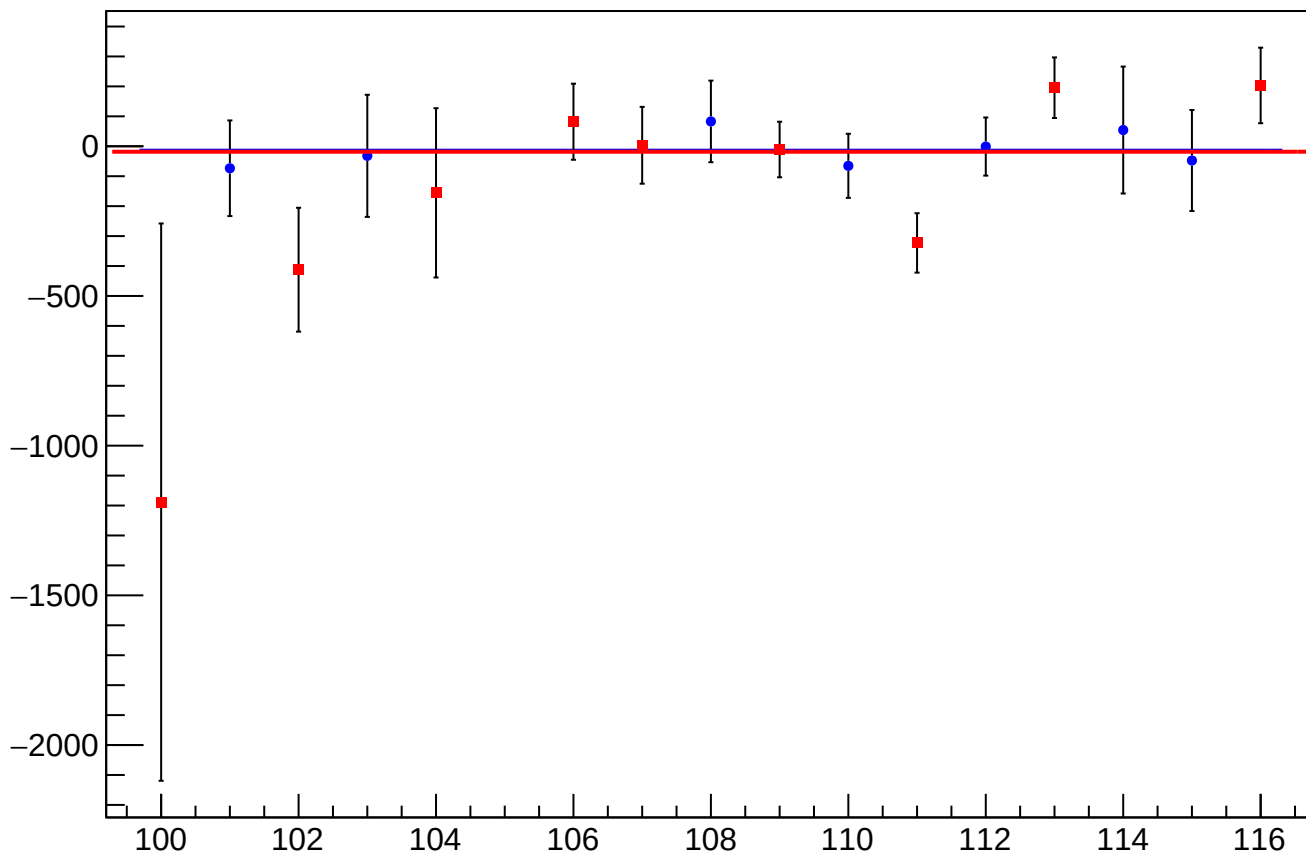
Right: 244.830+/-0.073 χ^2/NDF : 1415666.4/15

In: 249.922+/-0.111 χ^2/NDF : 536003.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.830+/-0.073 χ^2/NDF : 1415666.4/15

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -14.791+/-52.138 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.214+/-43.118 χ^2/NDF : 23.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

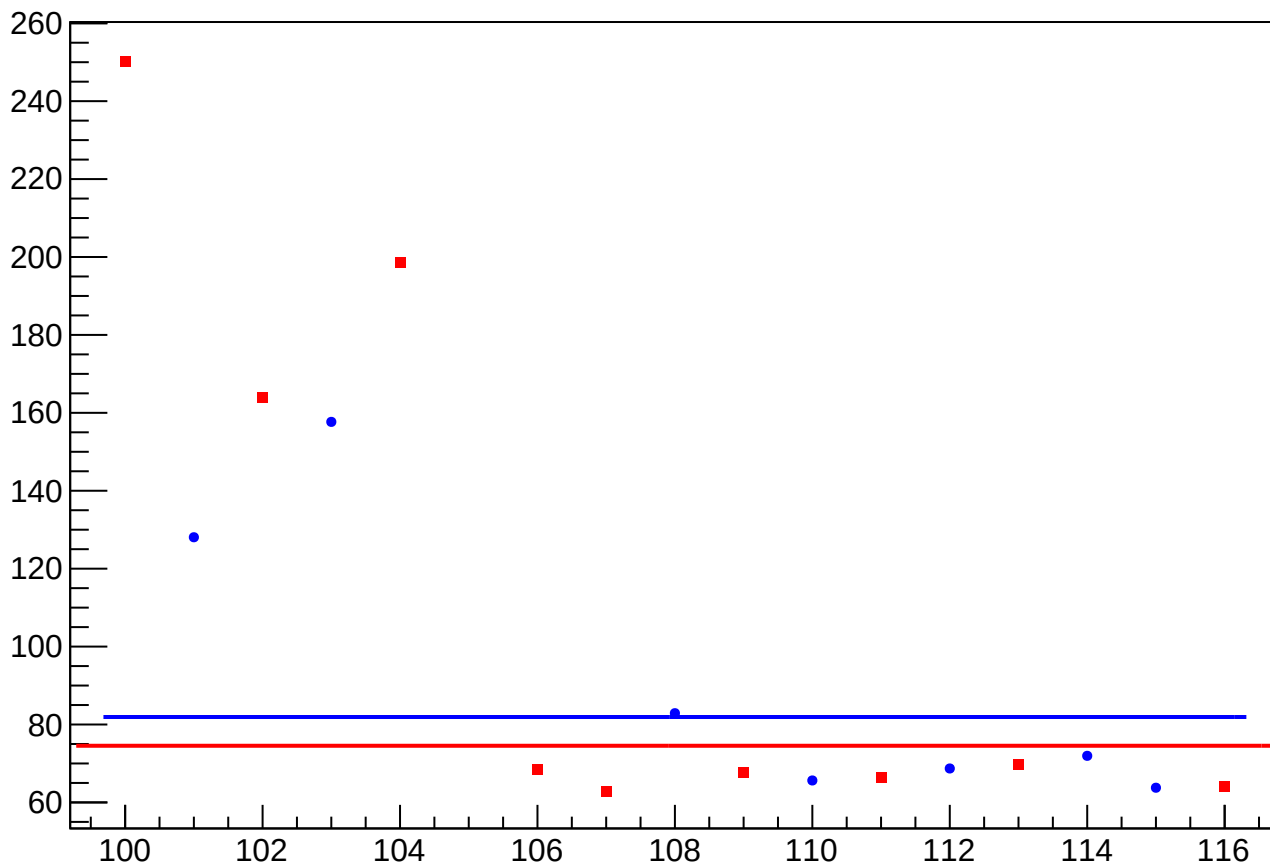
Right: -16.823+/-33.228 χ^2/NDF : 24.1/15

In: -14.791+/-52.138 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.823+/-33.228 χ^2/NDF : 24.1/15

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 81.927+/-0.037 χ^2/NDF : 553915.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.544+/-0.030 χ^2/NDF : 894049.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

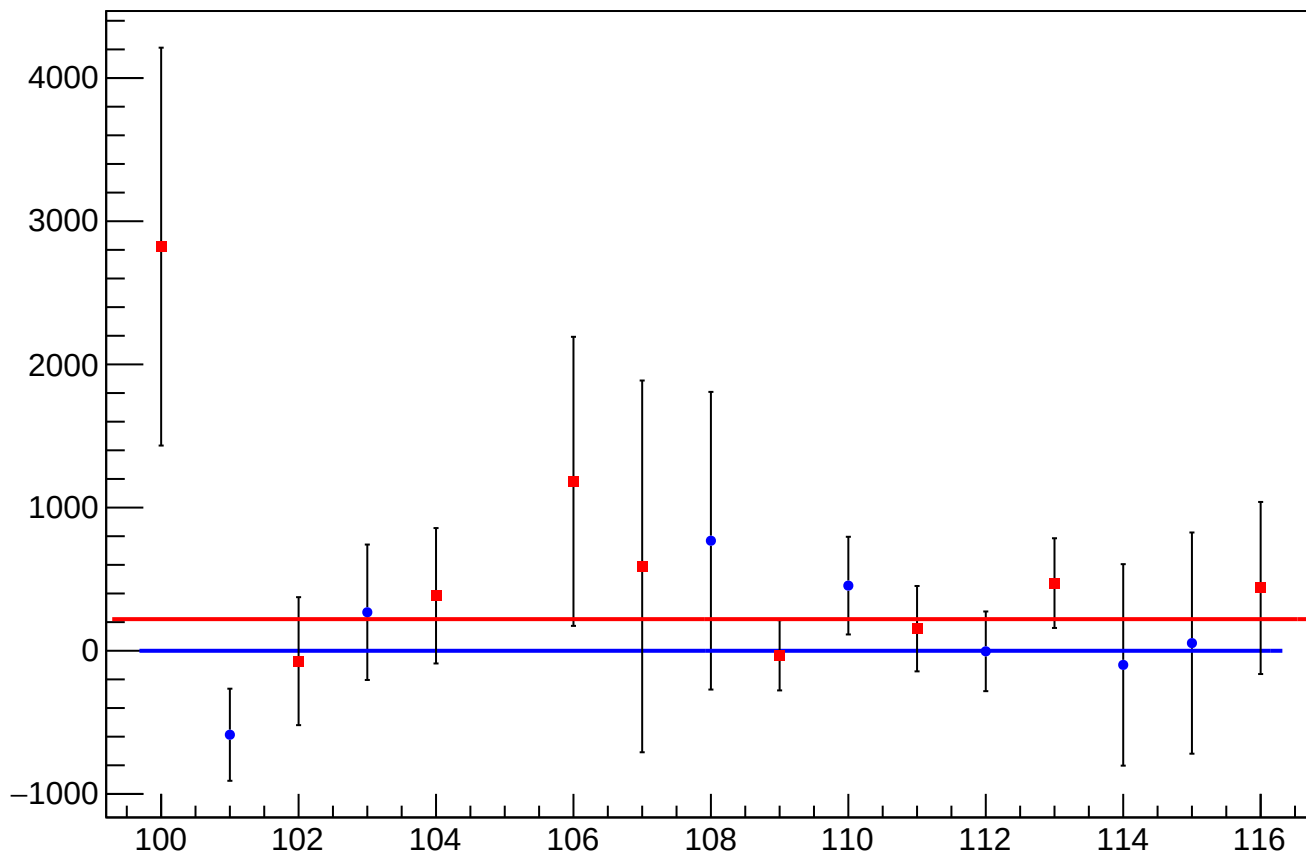
Right: 77.543+/-0.023 χ^2/NDF : 1471775.2/15

In: 81.927+/-0.037 χ^2/NDF : 553915.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.543+/-0.023 χ^2/NDF : 1471775.2/15

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -0.171 ± 157.586 χ^2/NDF : 6.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 220.859 ± 138.168 χ^2/NDF : 6.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

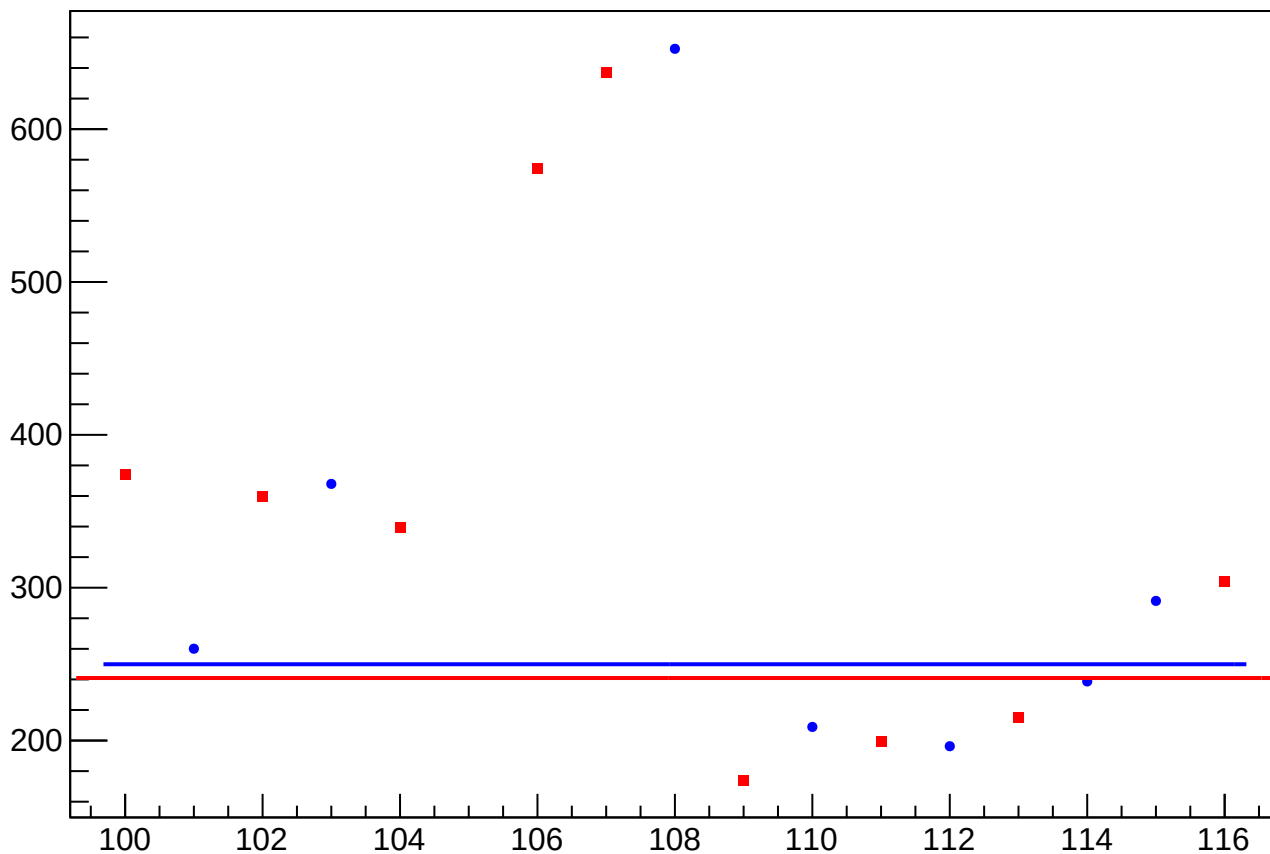
Right: 124.794 ± 103.890 χ^2/NDF : 14.0/15

In: -0.171 ± 157.586 χ^2/NDF : 6.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 124.794 ± 103.890 χ^2/NDF : 14.0/15

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 249.920+/-0.111 χ^2/NDF : 536015.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.914+/-0.098 χ^2/NDF : 875973.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

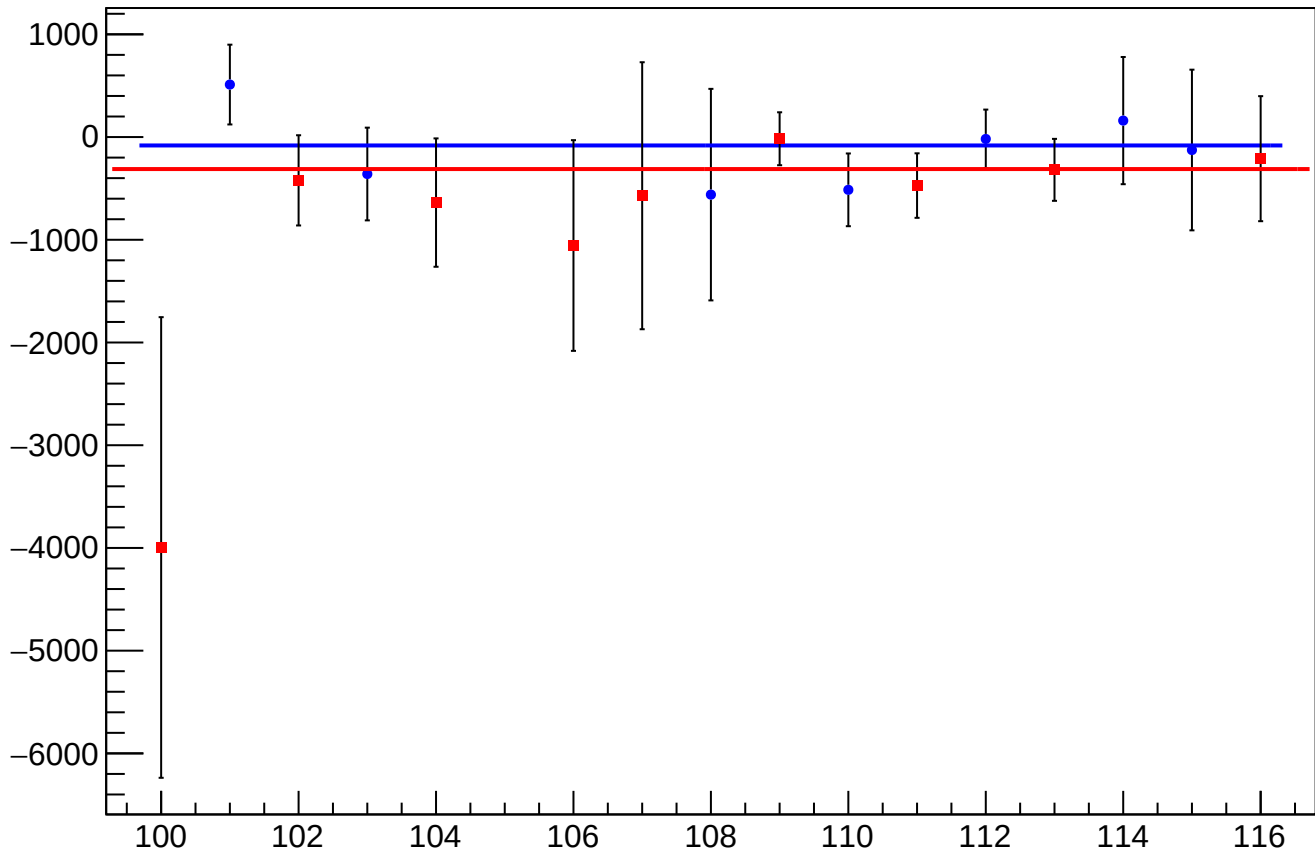
Right: 244.828+/-0.073 χ^2/NDF : 1415682.1/15

In: 249.920+/-0.111 χ^2/NDF : 536015.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.828+/-0.073 χ^2/NDF : 1415682.1/15

asym_sam7_mean vs Slug, Sign Corrected



Right In: -81.821 ± 164.562 χ^2/NDF : 4.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -311.568 ± 143.768 χ^2/NDF : 5.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

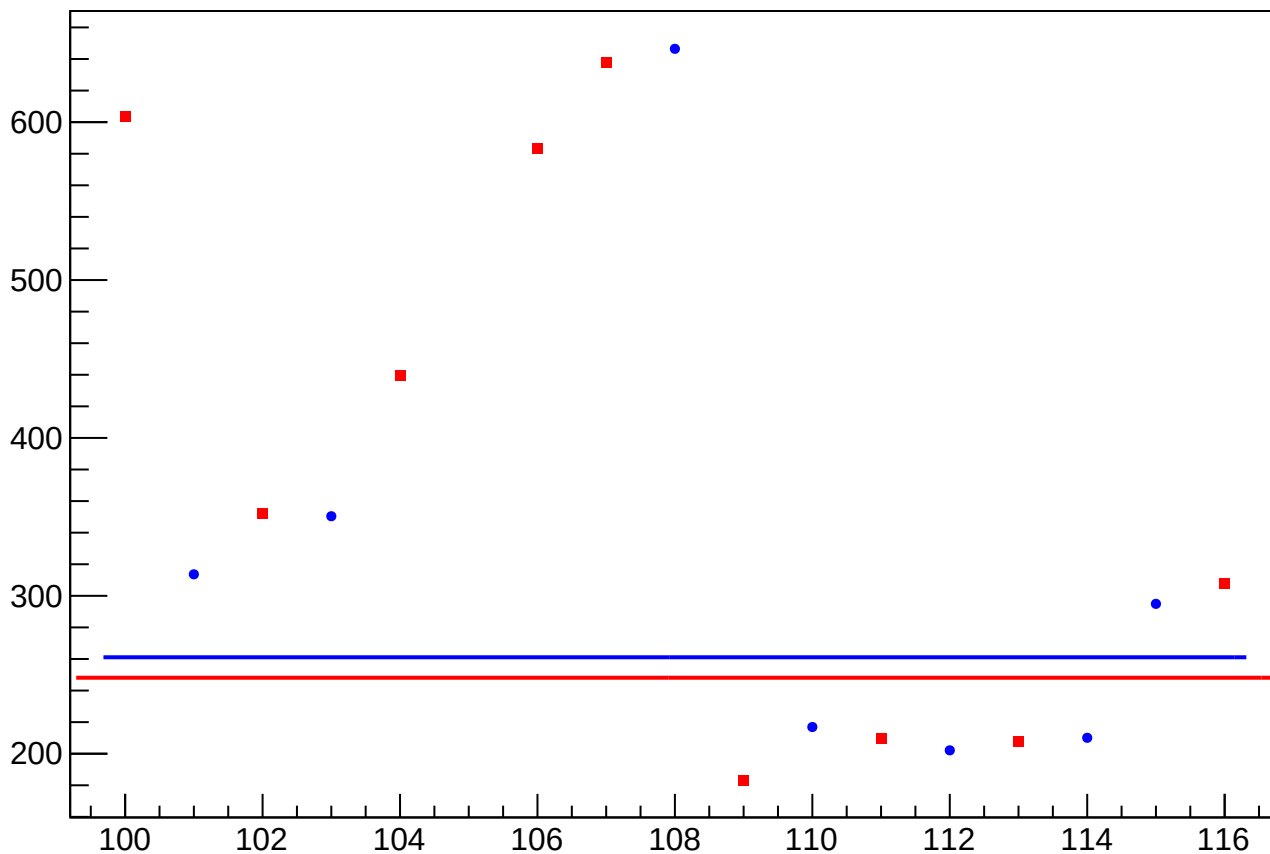
Right: -212.119 ± 108.269 χ^2/NDF : 10.9/15

In: -81.821 ± 164.562 χ^2/NDF : 4.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -212.119 ± 108.269 χ^2/NDF : 10.9/15

asym_sam7_rms vs Slug, Sign Corrected



Right In: 261.079+/-0.116 χ^2/NDF : 528489.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.128+/-0.102 χ^2/NDF : 956166.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

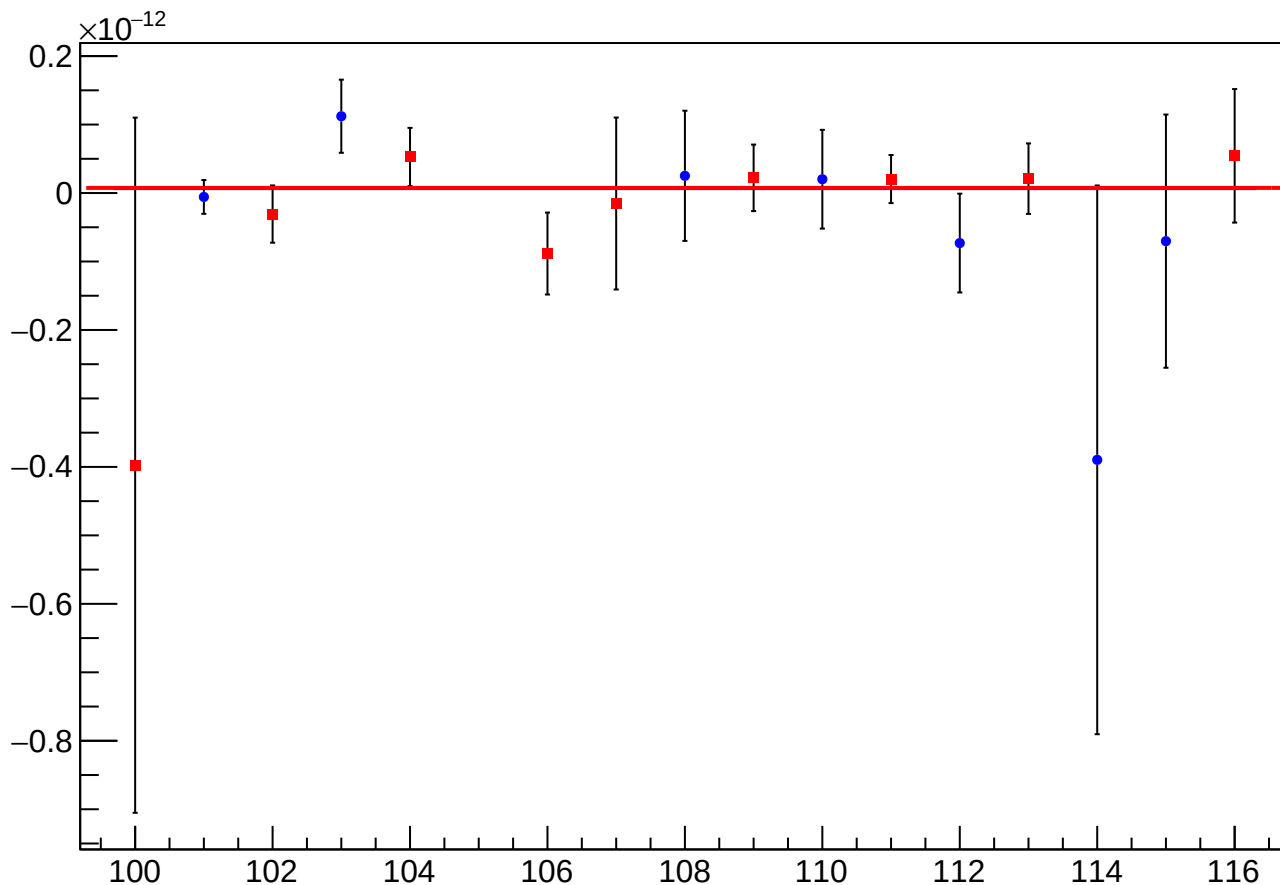
Right: 253.734+/-0.077 χ^2/NDF : 1491681.5/15

In: 261.079+/-0.116 χ^2/NDF : 528489.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.734+/-0.077 χ^2/NDF : 1491681.5/15

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

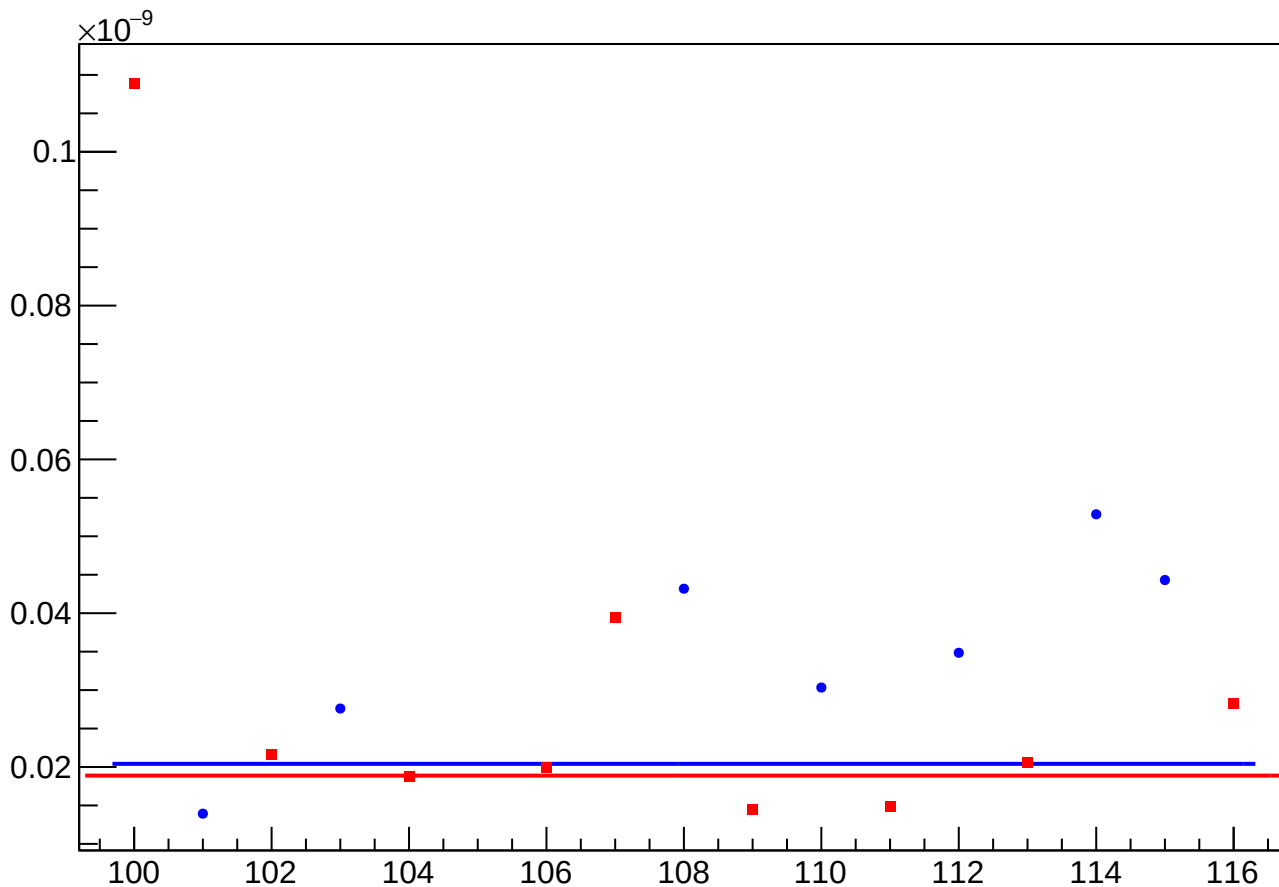
Right: 0.000+/-0.000 χ^2/NDF : 12.3/15

In: 0.000+/-0.000 χ^2/NDF : 6.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/15

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453362.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 188875.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

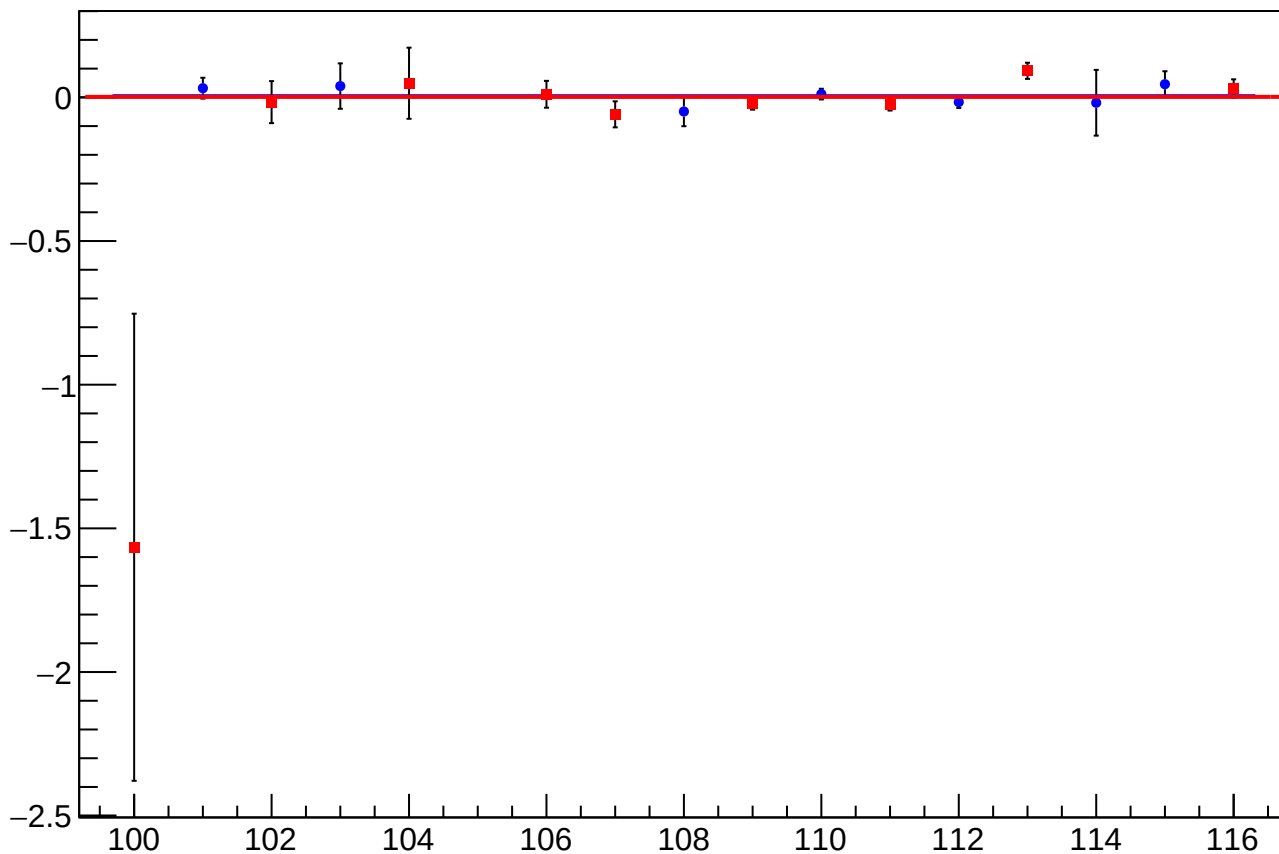
Right: 0.000+/-0.000 χ^2/NDF : 648828.6/15

In: 0.000+/-0.000 χ^2/NDF : 453362.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 648828.6/15

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 19.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

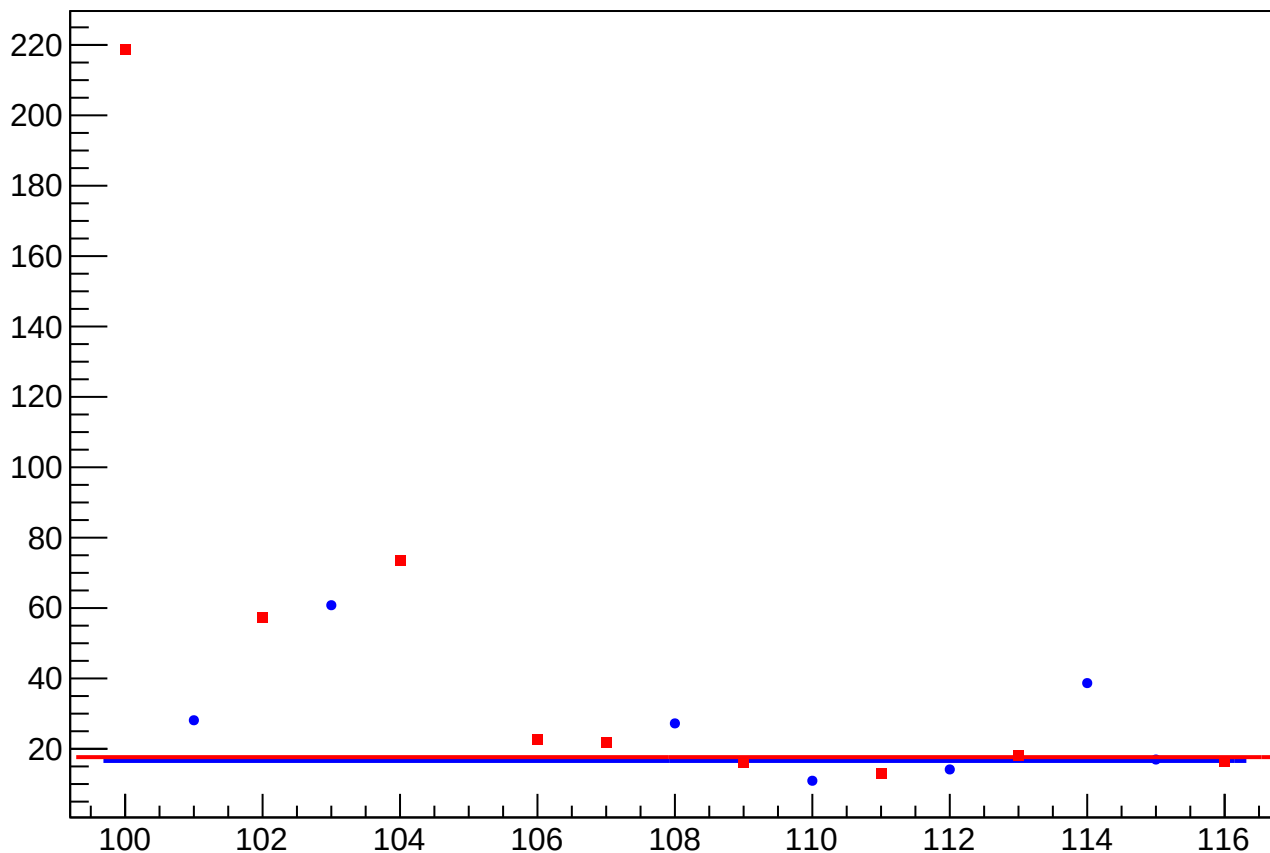
Right: 0.003+/-0.008 χ^2/NDF : 23.8/15

In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 23.8/15

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.559+/-0.008 χ^2/NDF : 1202461.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.643+/-0.008 χ^2/NDF : 1285628.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

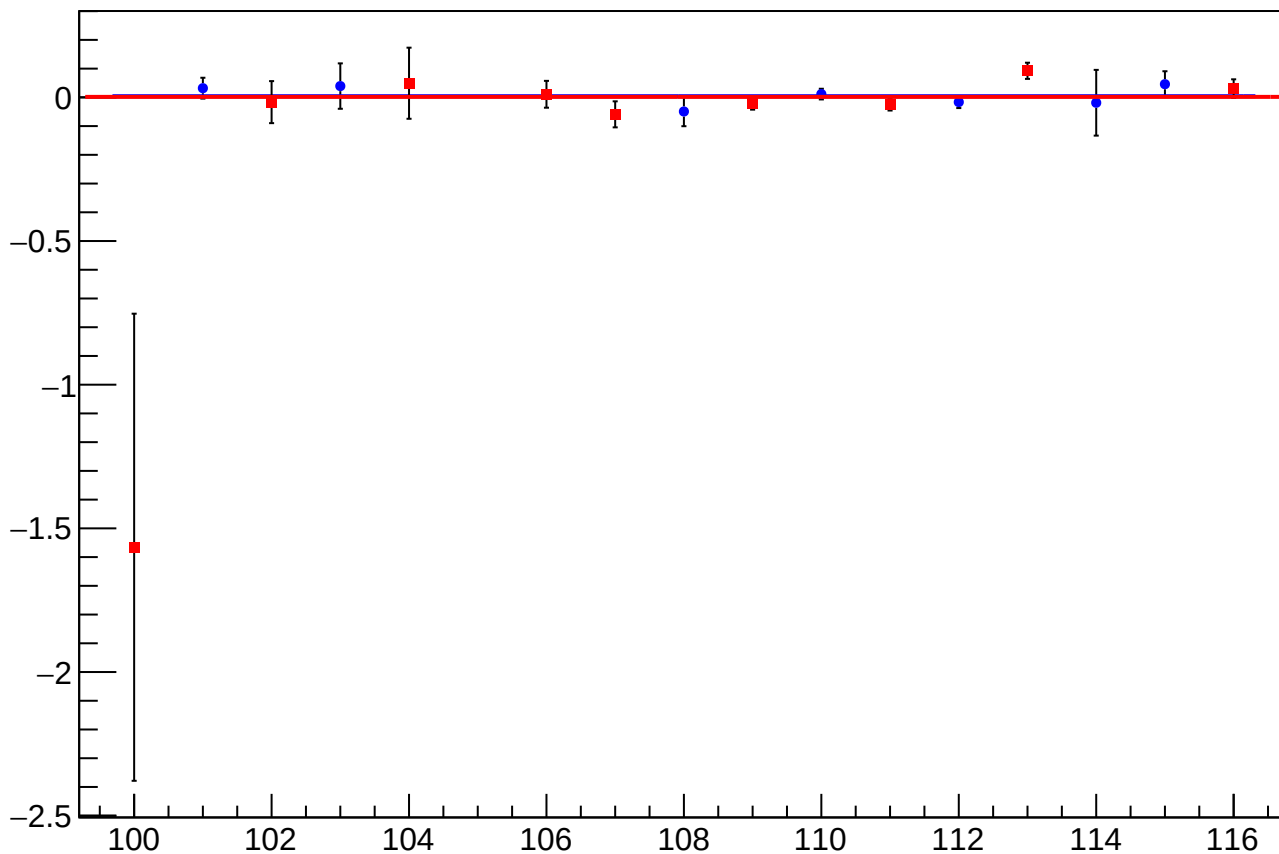
Right: 17.132+/-0.006 χ^2/NDF : 2496865.7/15

In: 16.559+/-0.008 χ^2/NDF : 1202461.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.132+/-0.006 χ^2/NDF : 2496865.7/15

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 19.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

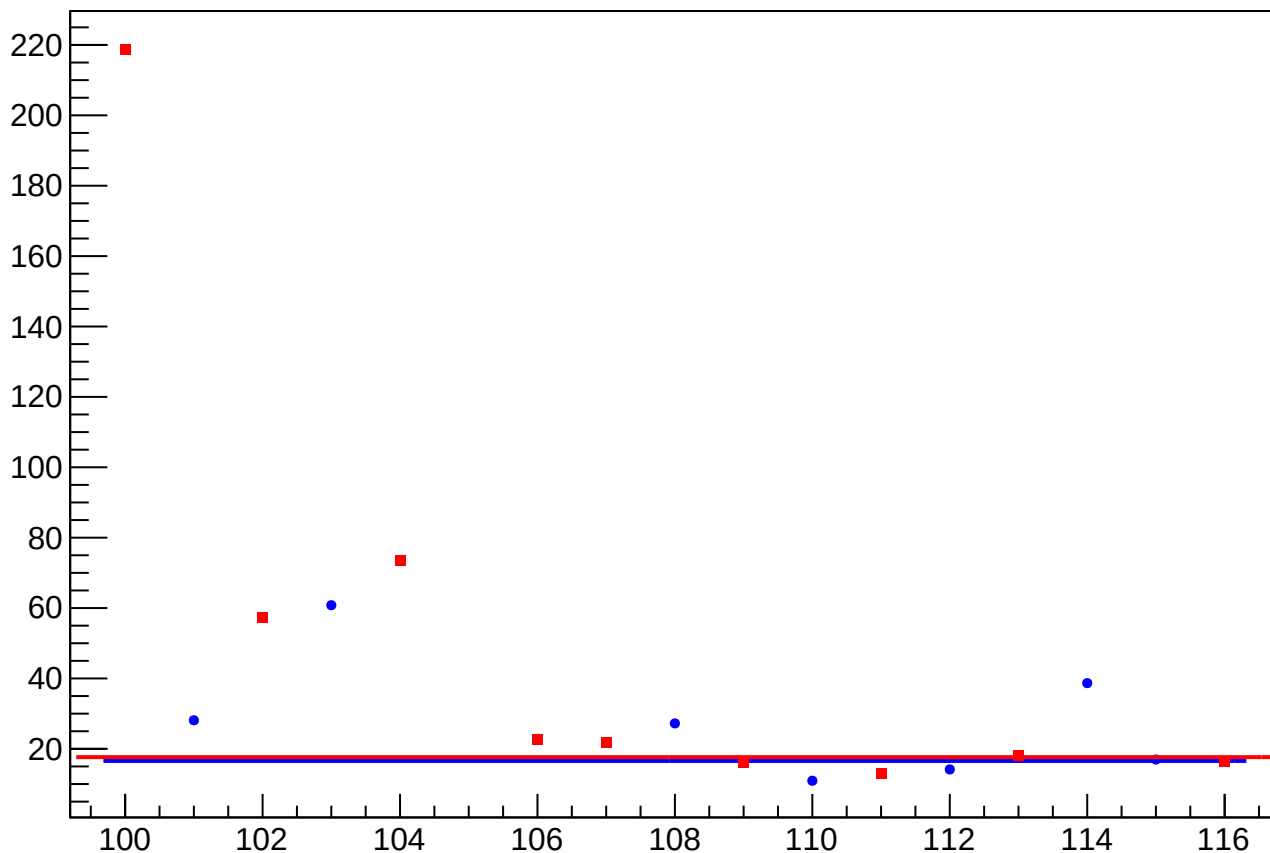
Right: 0.003+/-0.008 χ^2/NDF : 23.8/15

In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 23.8/15

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.559+/-0.008 χ^2/NDF : 1202461.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.643+/-0.008 χ^2/NDF : 1285628.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

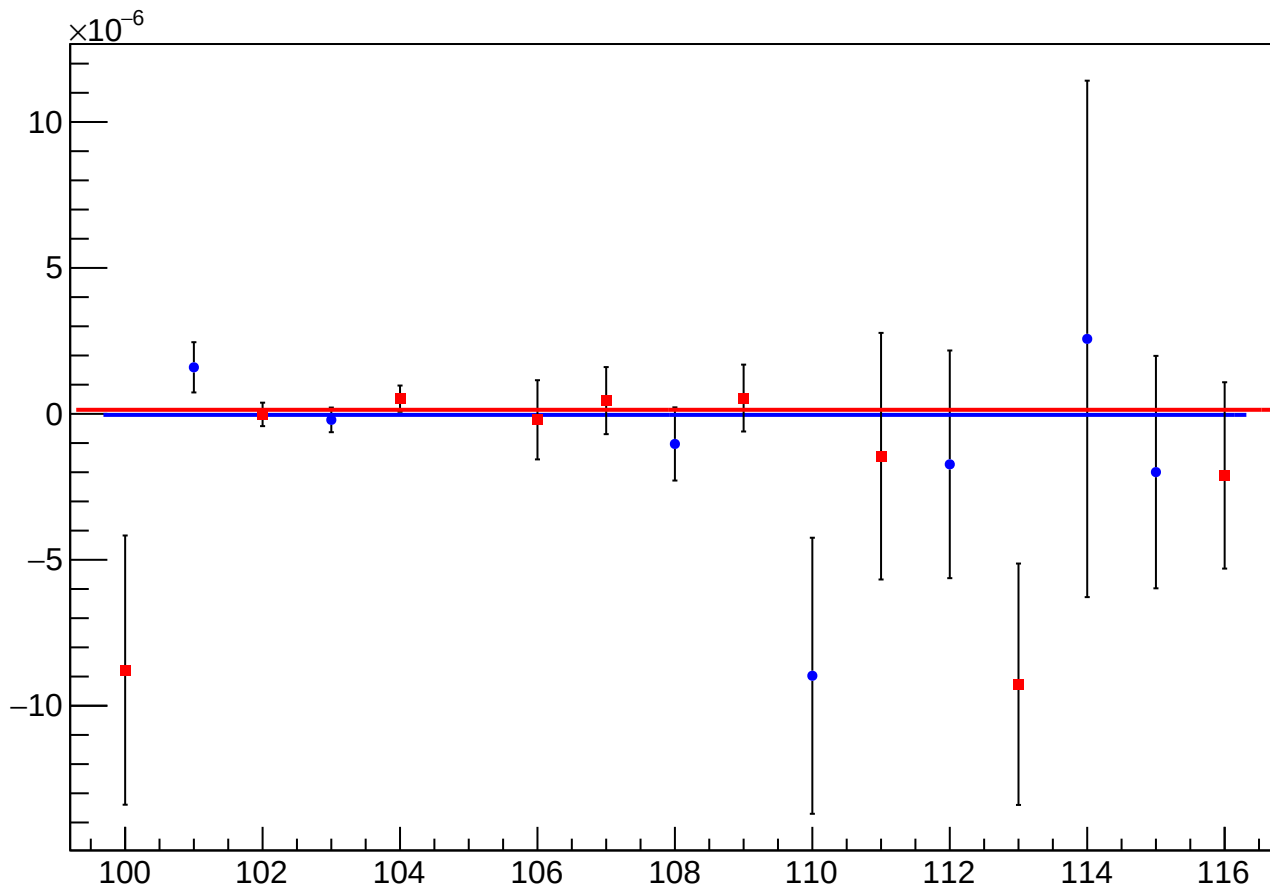
Right: 17.132+/-0.006 χ^2/NDF : 2496865.7/15

In: 16.559+/-0.008 χ^2/NDF : 1202461.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.132+/-0.006 χ^2/NDF : 2496865.7/15

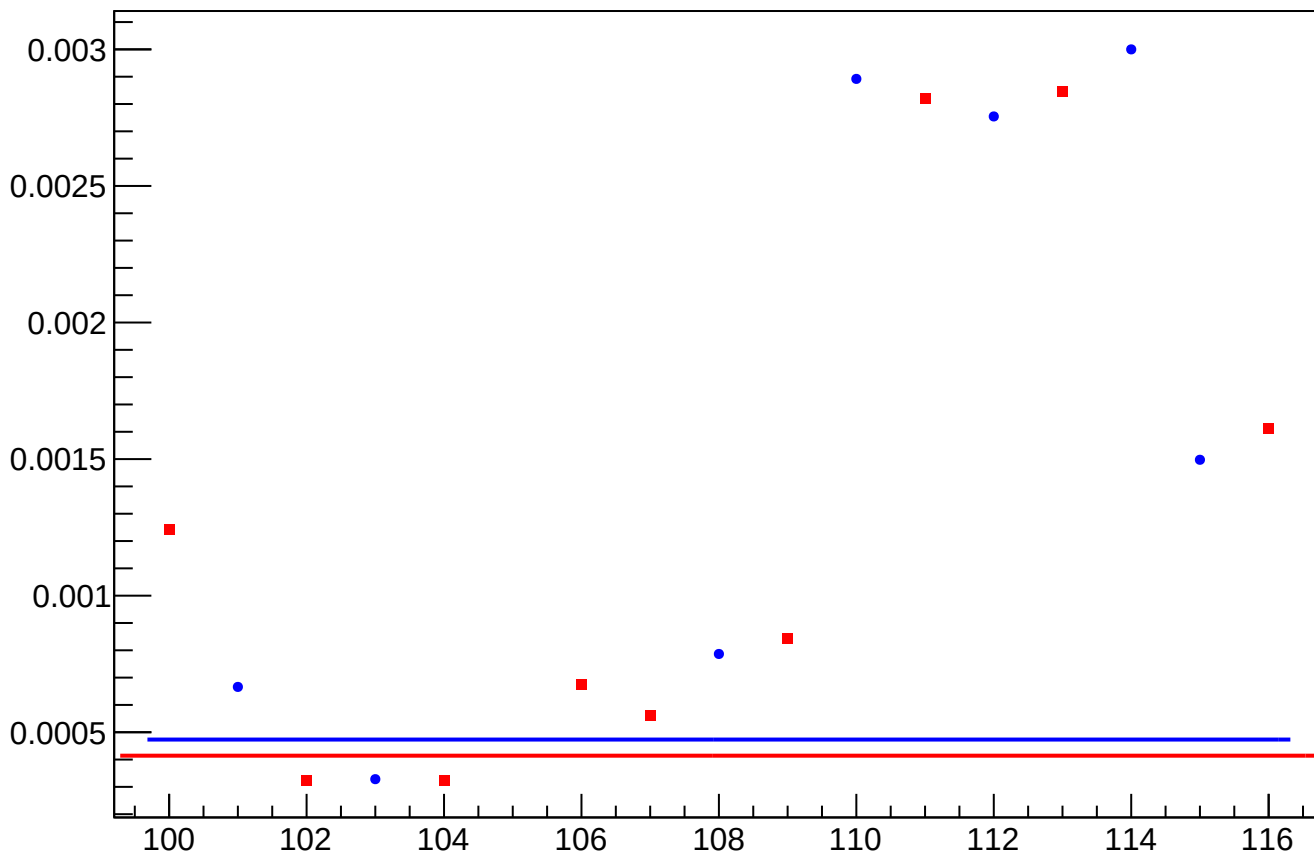
asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.5/6
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 10.7/8
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 19.3/15
 In: -0.000+/-0.000 χ^2 /NDF:8.5/6
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 19.3/15

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1964341.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2261921.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

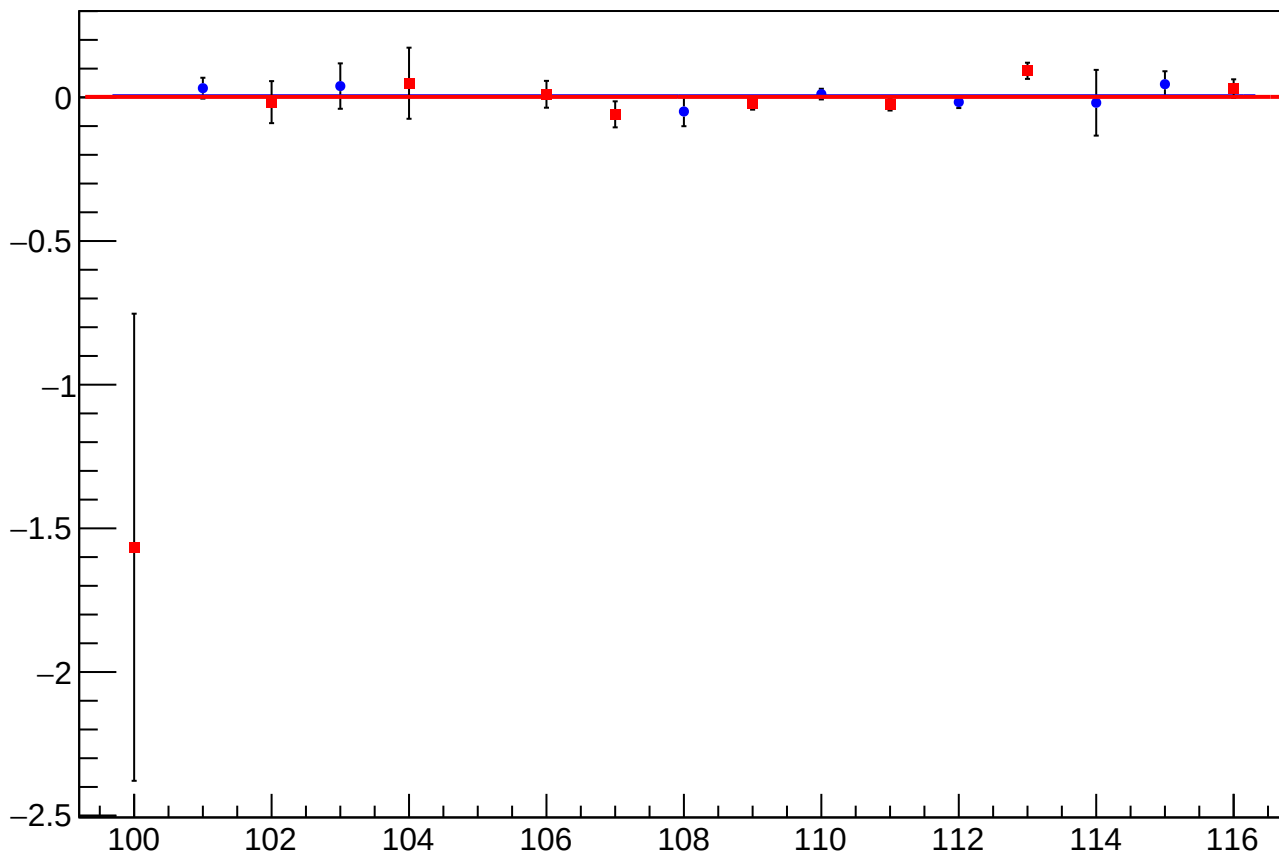
Right: 0.000+/-0.000 χ^2/NDF : 4260676.5/15

In: 0.000+/-0.000 χ^2/NDF : 1964341.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4260676.5/15

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 19.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

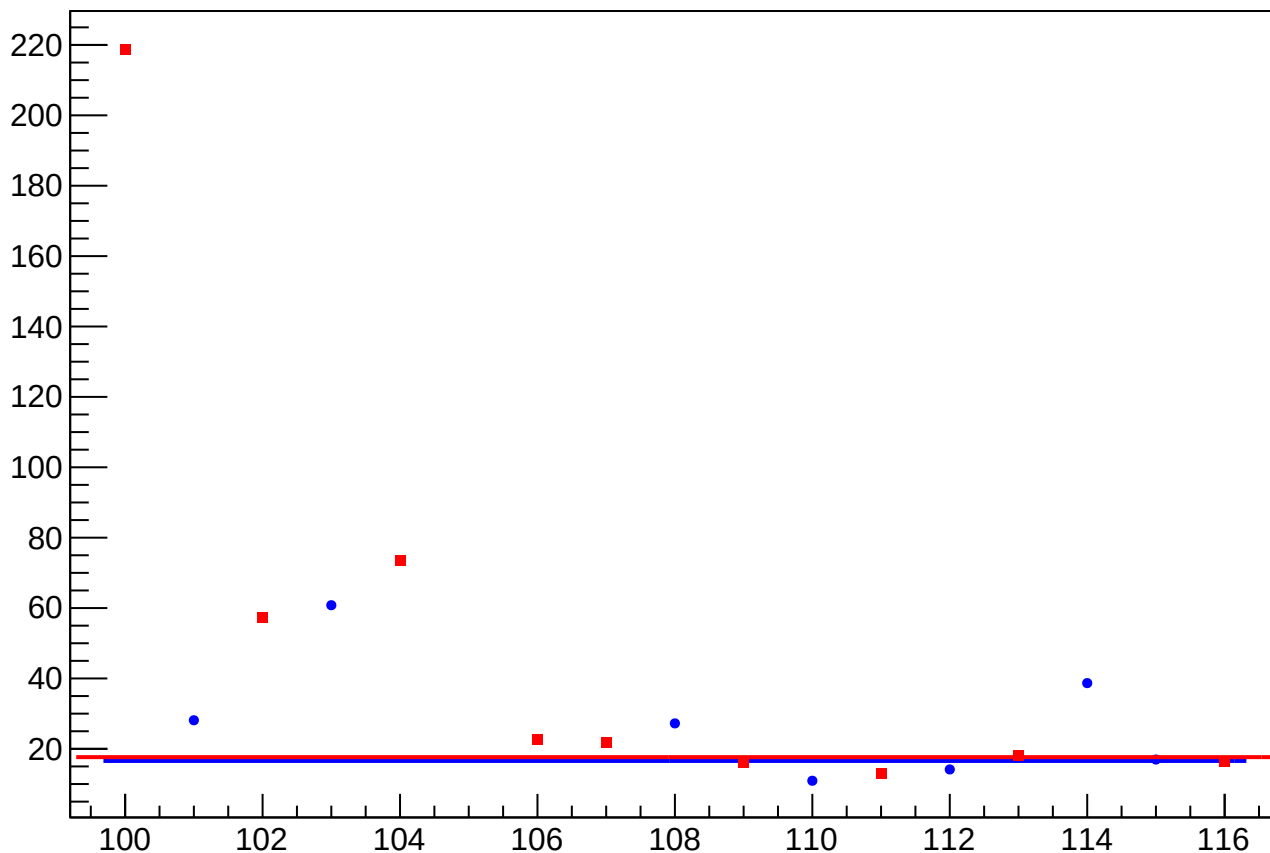
Right: 0.003+/-0.008 χ^2/NDF : 23.8/15

In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 23.8/15

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.560+/-0.008 χ^2/NDF : 1202391.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.643+/-0.008 χ^2/NDF : 1285587.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

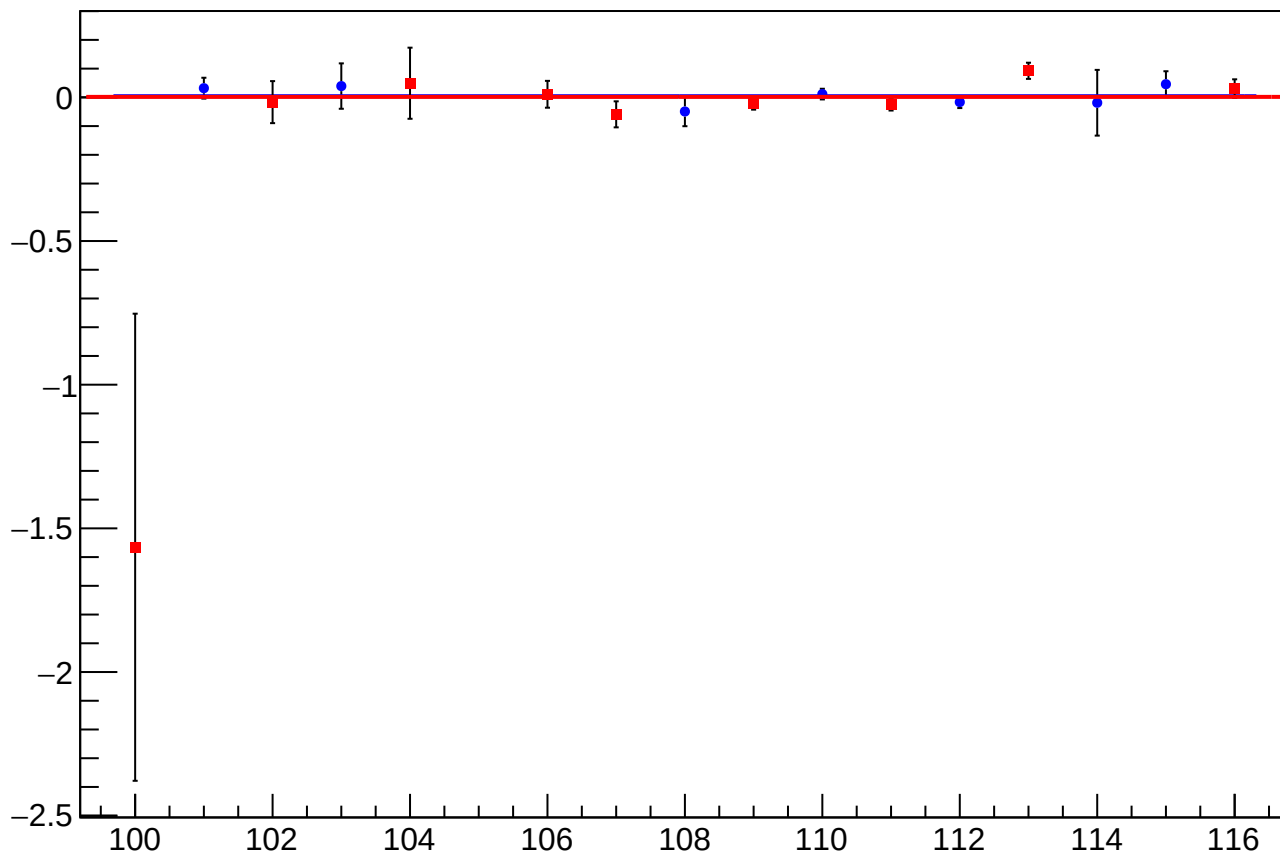
Right: 17.133+/-0.006 χ^2/NDF : 2496746.0/15

In: 16.560+/-0.008 χ^2/NDF : 1202391.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.133+/-0.006 χ^2/NDF : 2496746.0/15

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 19.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

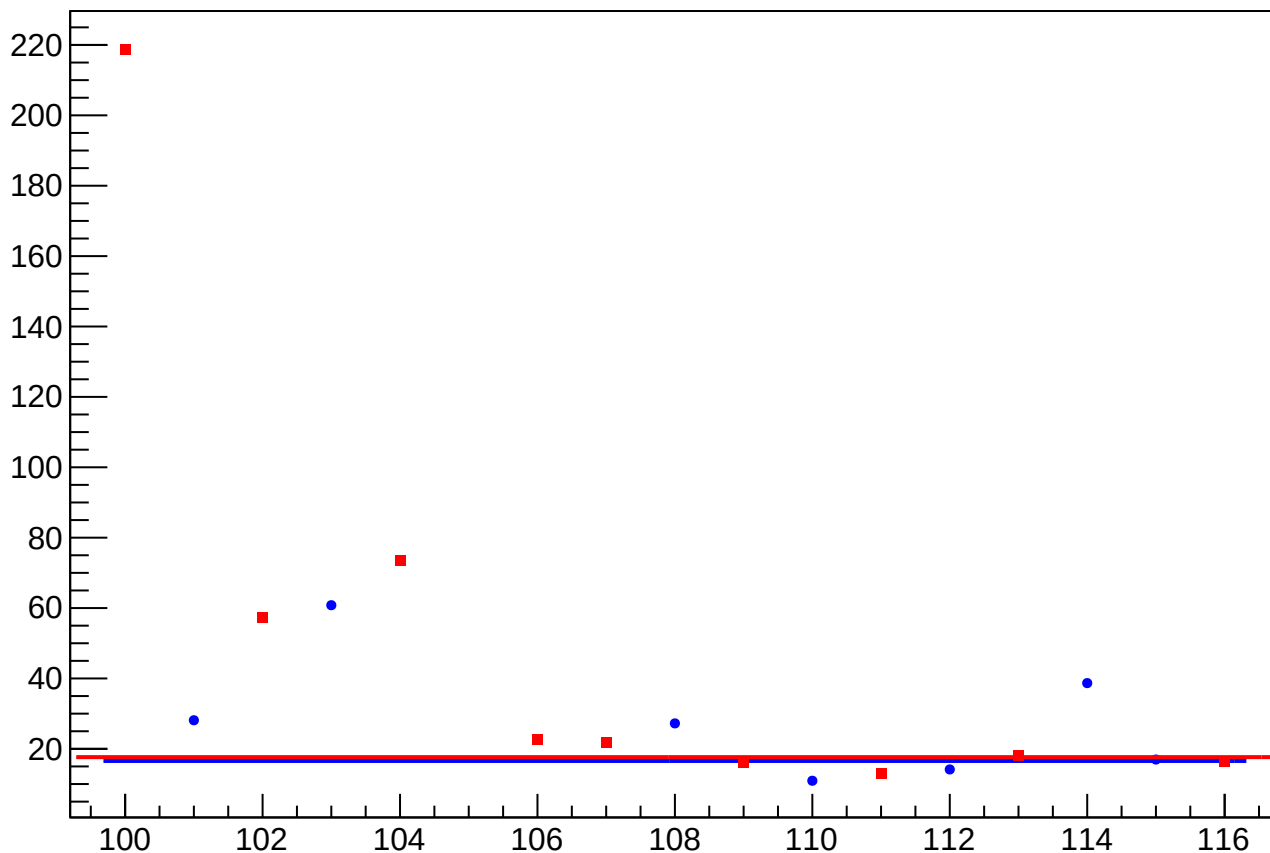
Right: 0.003+/-0.008 χ^2/NDF : 23.8/15

In: 0.004+/-0.012 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 23.8/15

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.560+/-0.008 χ^2/NDF : 1202391.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.643+/-0.008 χ^2/NDF : 1285587.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

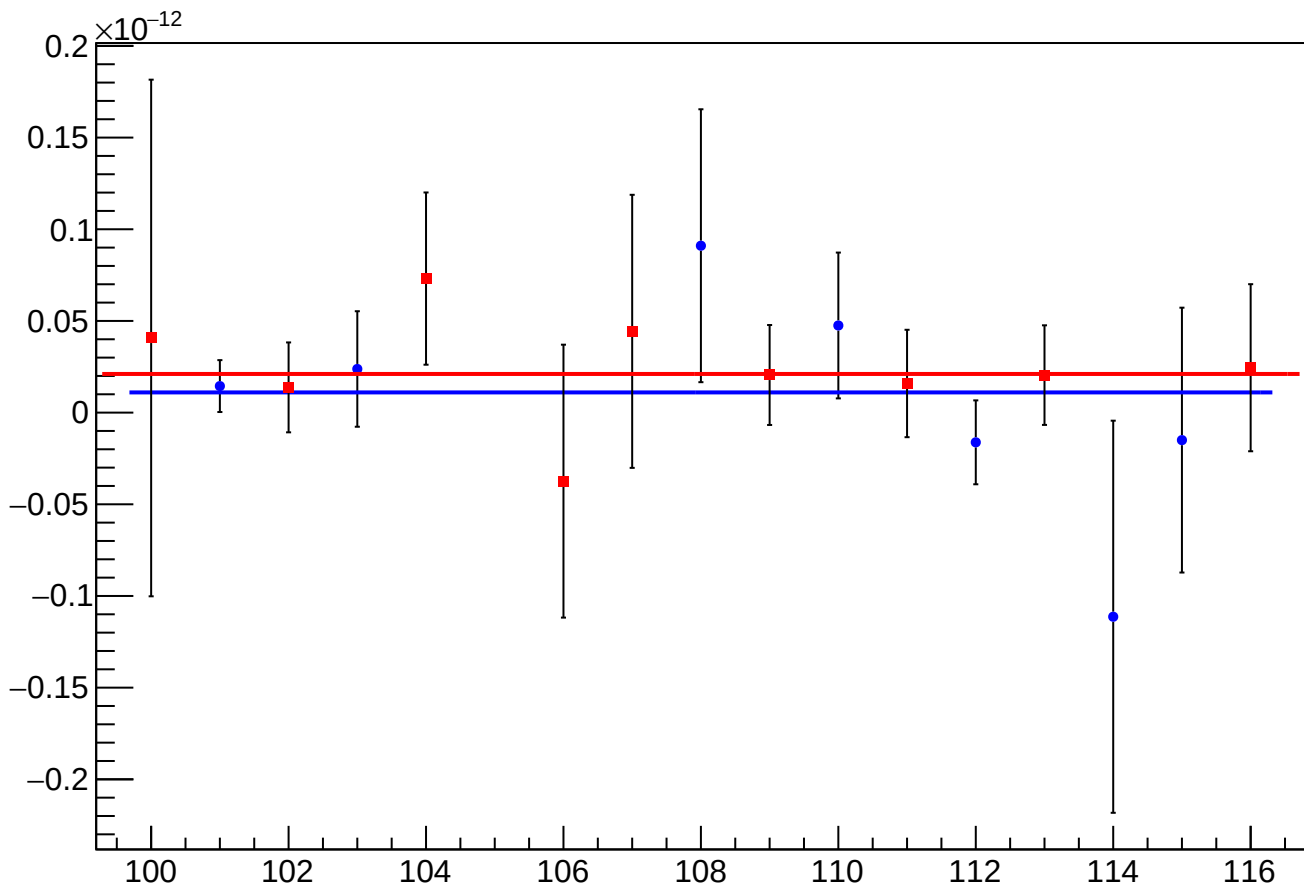
Right: 17.133+/-0.006 χ^2/NDF : 2496746.0/15

In: 16.560+/-0.008 χ^2/NDF : 1202391.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.133+/-0.006 χ^2/NDF : 2496746.0/15

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

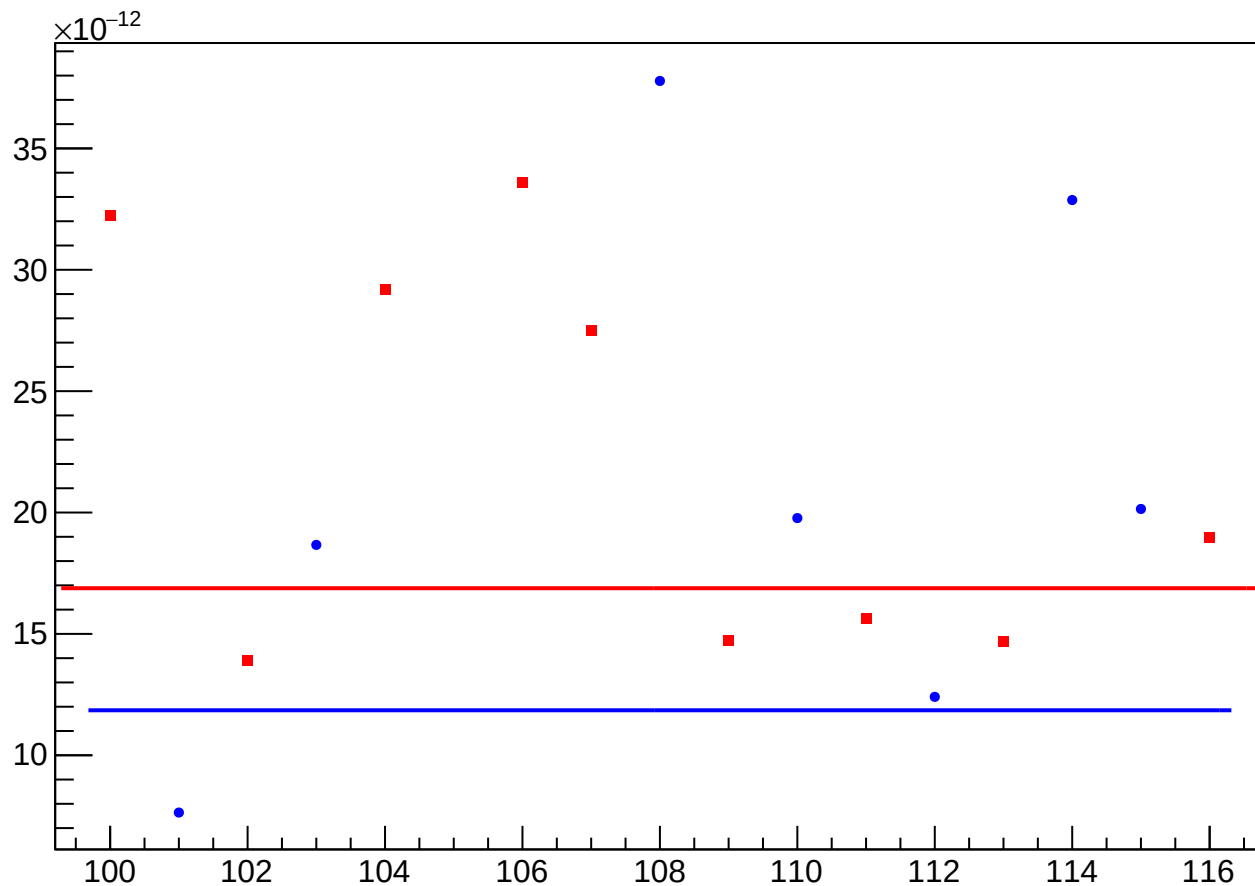
Right: 0.000+/-0.000 χ^2/NDF : 7.6/15

In: 0.000+/-0.000 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.6/15

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 697706.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 365860.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

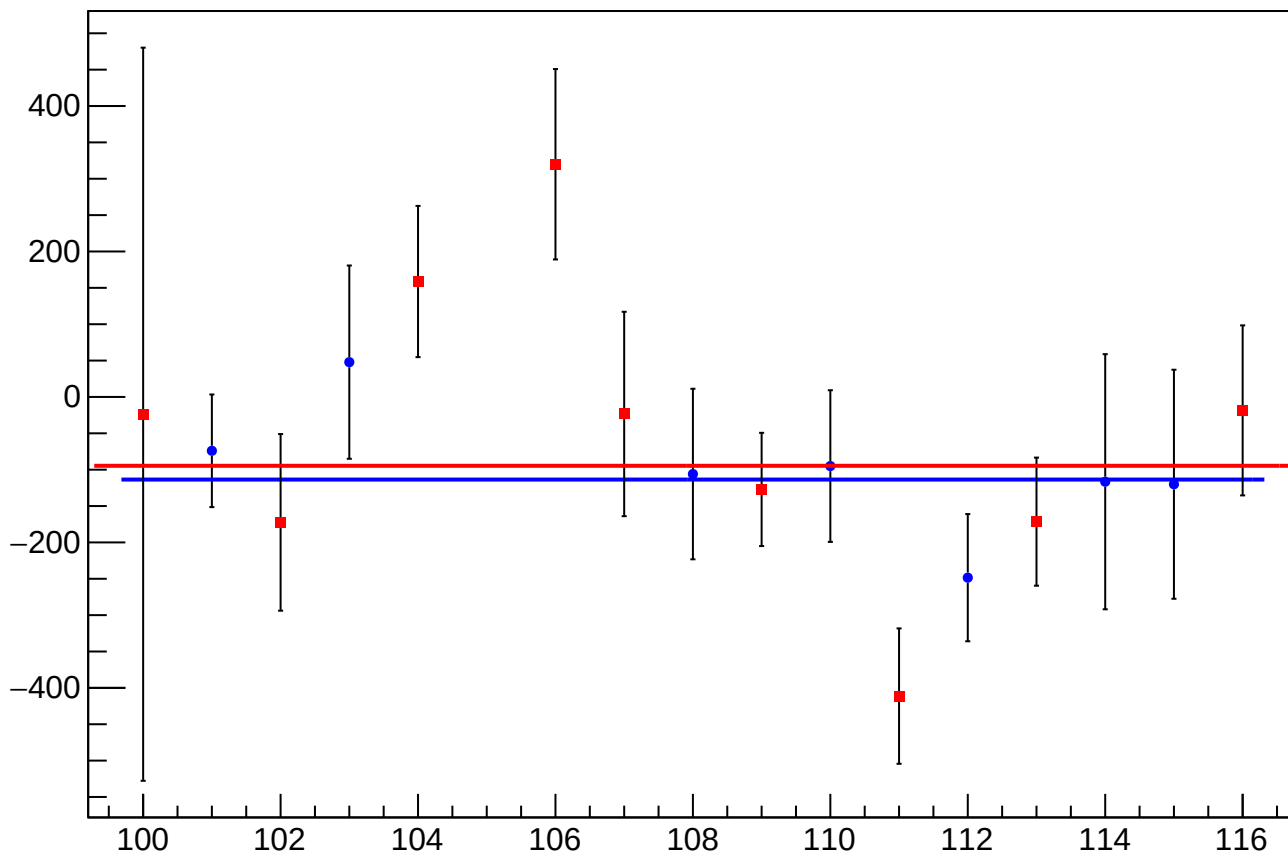
Right: 0.000+/-0.000 χ^2/NDF : 1260806.5/15

In: 0.000+/-0.000 χ^2/NDF : 697706.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1260806.5/15

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -113.585 $\pm$ 41.107 χ^2 /NDF: 4.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -94.651 $\pm$ 36.373 χ^2 /NDF: 29.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

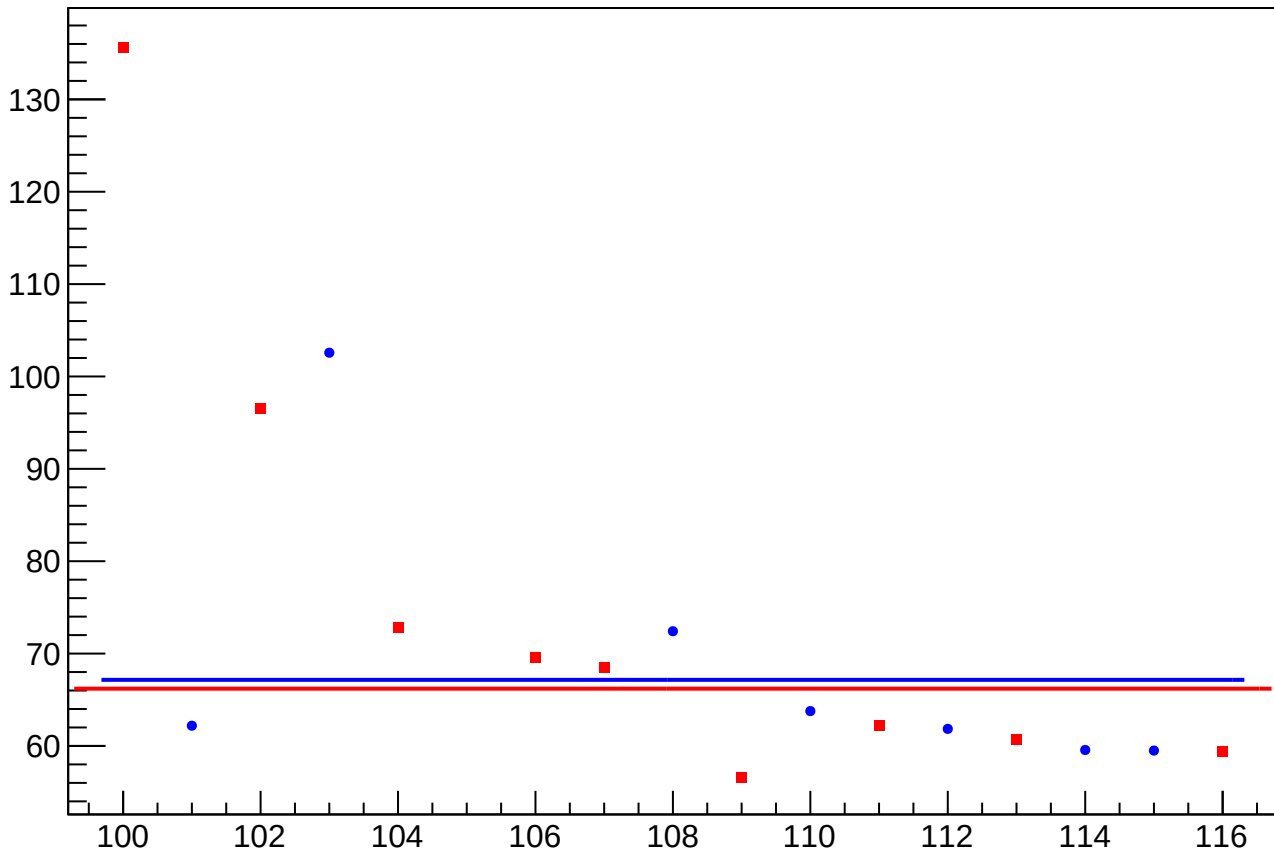
Right: -102.966 $\pm$ 27.240 χ^2 /NDF: 33.9/15

In: -113.585 $\pm$ 41.107 χ^2 /NDF: 4.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -102.966 $\pm$ 27.240 χ^2 /NDF: 33.9/15

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.156+/-0.029 χ^2/NDF : 172313.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.201+/-0.026 χ^2/NDF : 221400.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

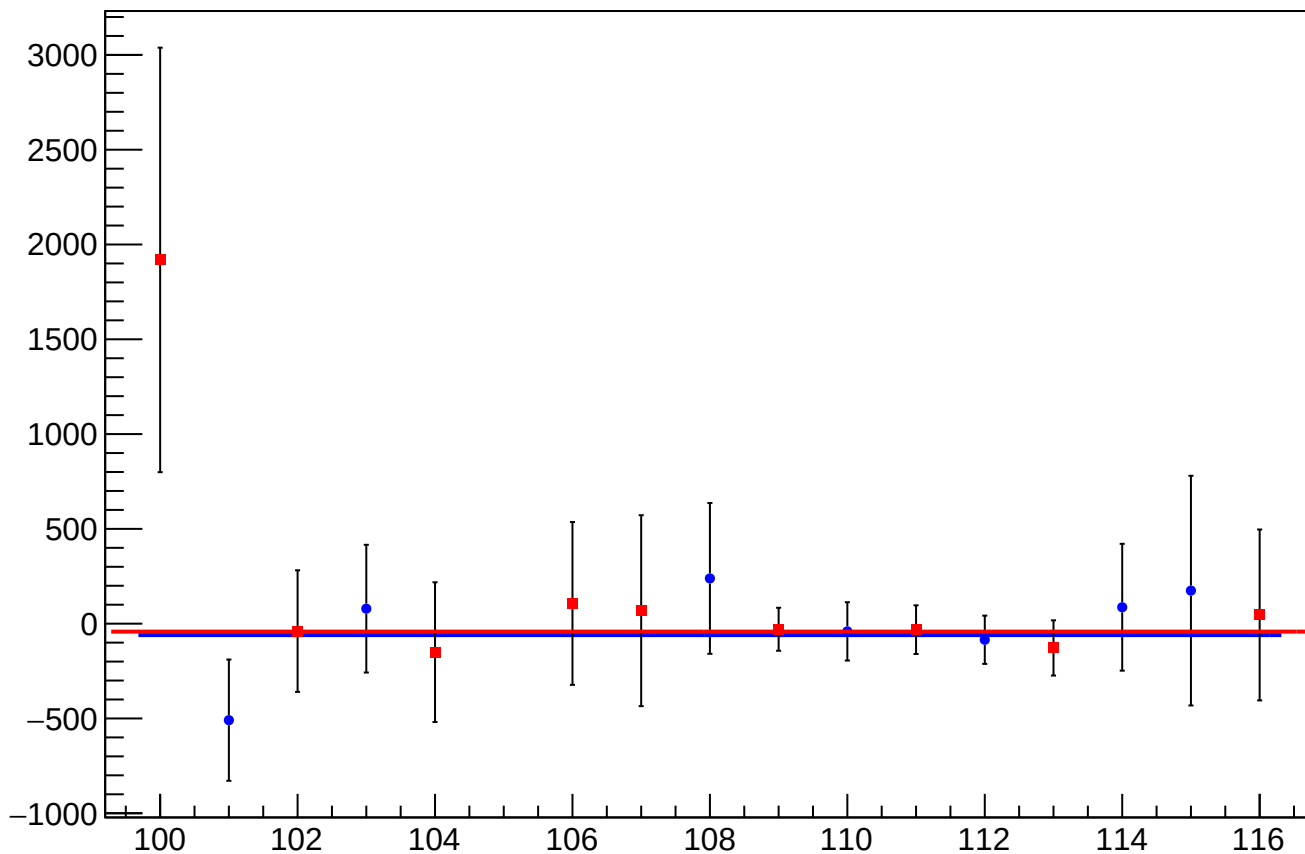
Right: 66.620+/-0.019 χ^2/NDF : 394318.6/15

In: 67.156+/-0.029 χ^2/NDF : 172313.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.620+/-0.019 χ^2/NDF : 394318.6/15

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -60.334+/-84.335 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.933+/-67.763 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

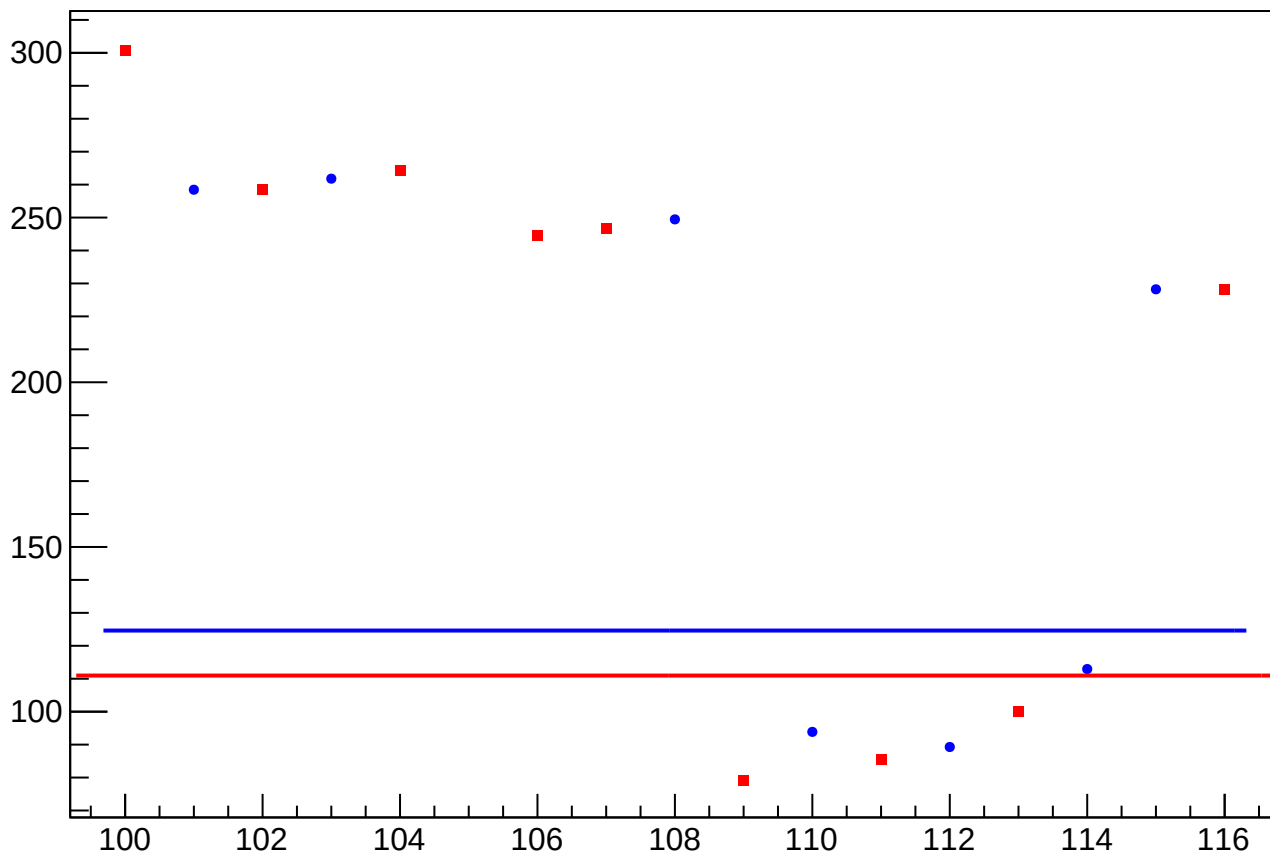
Right: -49.152+/-52.824 χ^2/NDF : 6.9/15

In: -60.334+/-84.335 χ^2/NDF :3.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -49.152+/-52.824 χ^2/NDF : 6.9/15

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 124.627+/-0.060 χ^2/NDF : 1173866.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.964+/-0.048 χ^2/NDF : 1549620.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

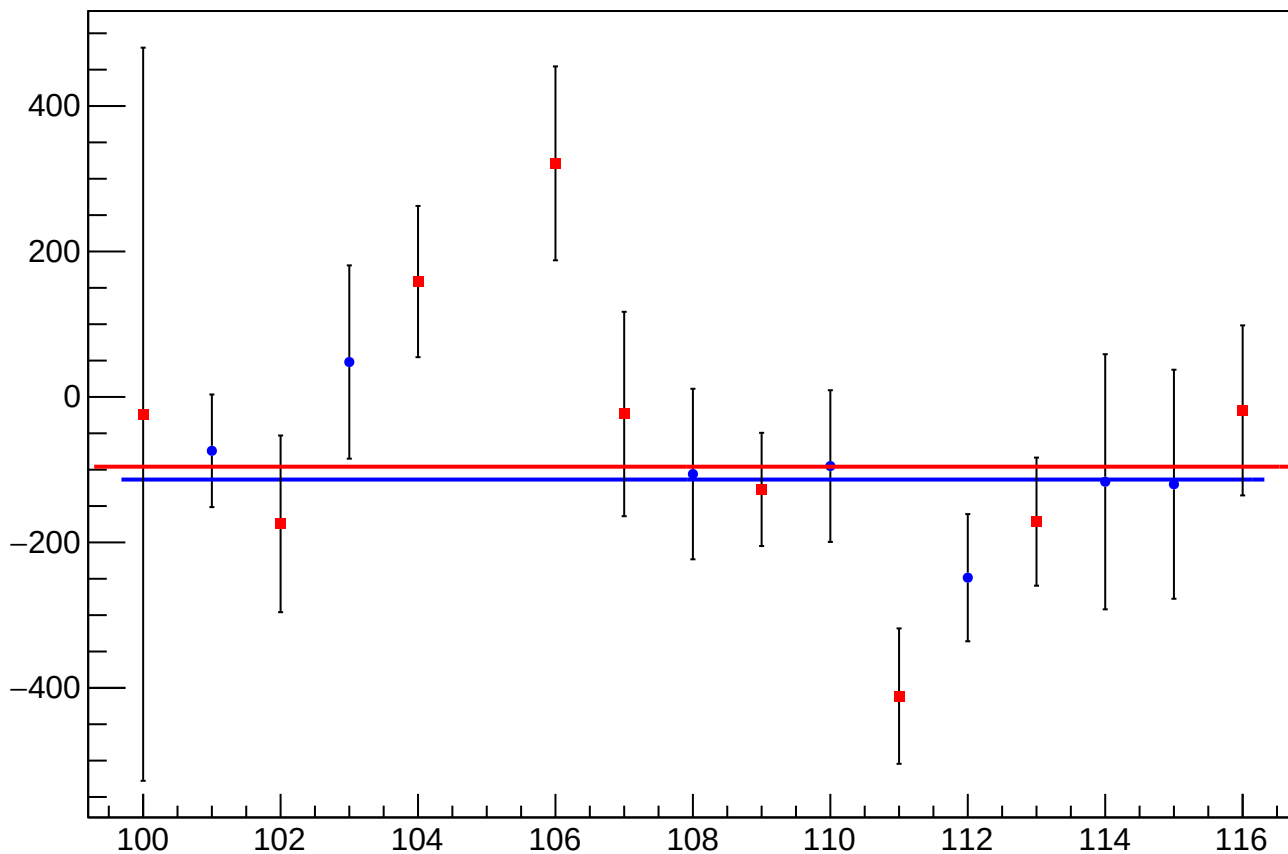
Right: 116.324+/-0.037 χ^2/NDF : 2755383.9/15

In: 124.627+/-0.060 χ^2/NDF :1173866.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.324+/-0.037 χ^2/NDF : 2755383.9/15

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -113.582 ± 41.107 χ^2/NDF : 4.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -95.893 ± 36.425 χ^2/NDF : 29.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

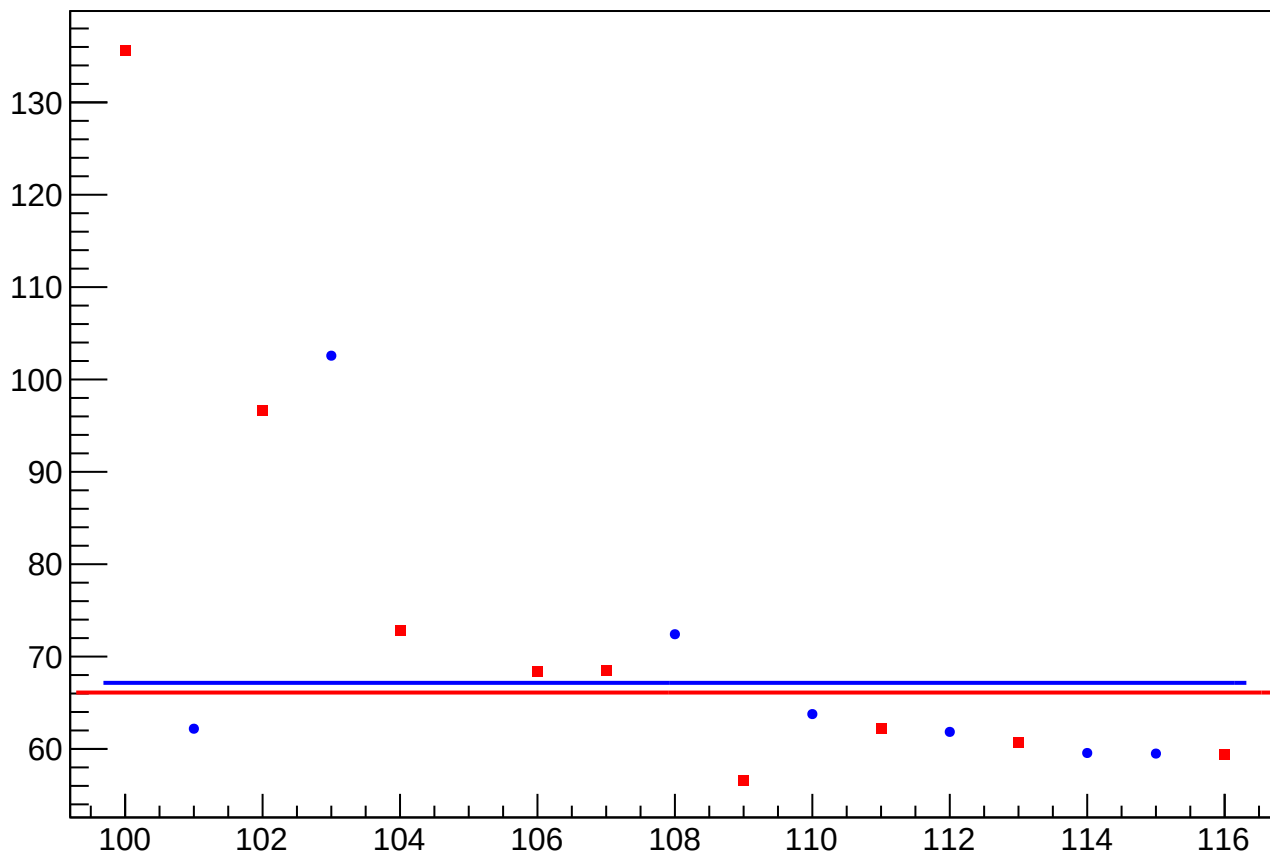
Right: -103.673 ± 27.262 χ^2/NDF : 33.6/15

In: -113.582 ± 41.107 χ^2/NDF : 4.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -103.673 ± 27.262 χ^2/NDF : 33.6/15

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.156 $\pm$ 0.029 χ^2 /NDF: 172315.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.105 $\pm$ 0.026 χ^2 /NDF: 220786.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

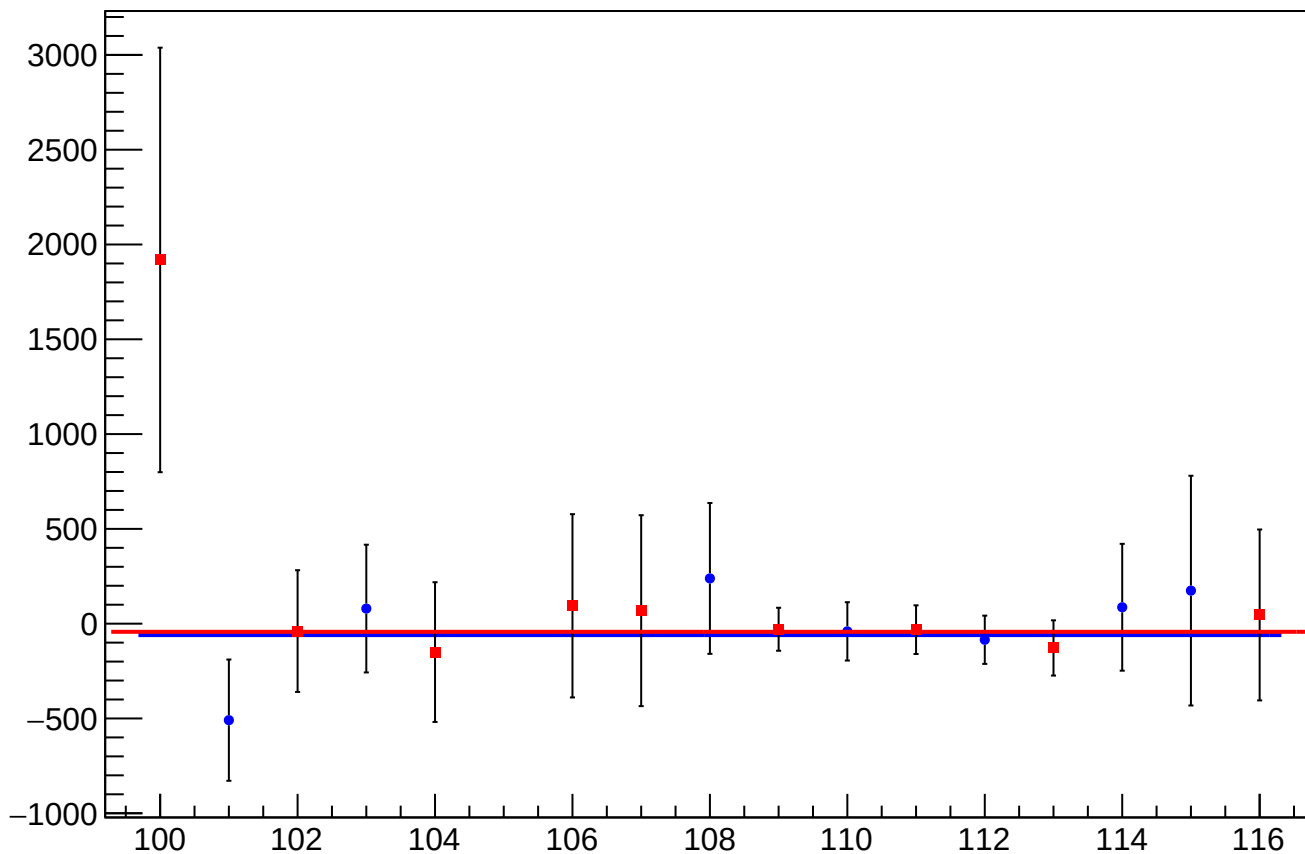
Right: 66.567 $\pm$ 0.019 χ^2 /NDF: 393833.1/15

In: 67.156 $\pm$ 0.029 χ^2 /NDF: 172315.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.567 $\pm$ 0.019 χ^2 /NDF: 393833.1/15

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -60.312 $\pm$ 84.336 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.944 $\pm$ 67.945 χ^2 /NDF: 3.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

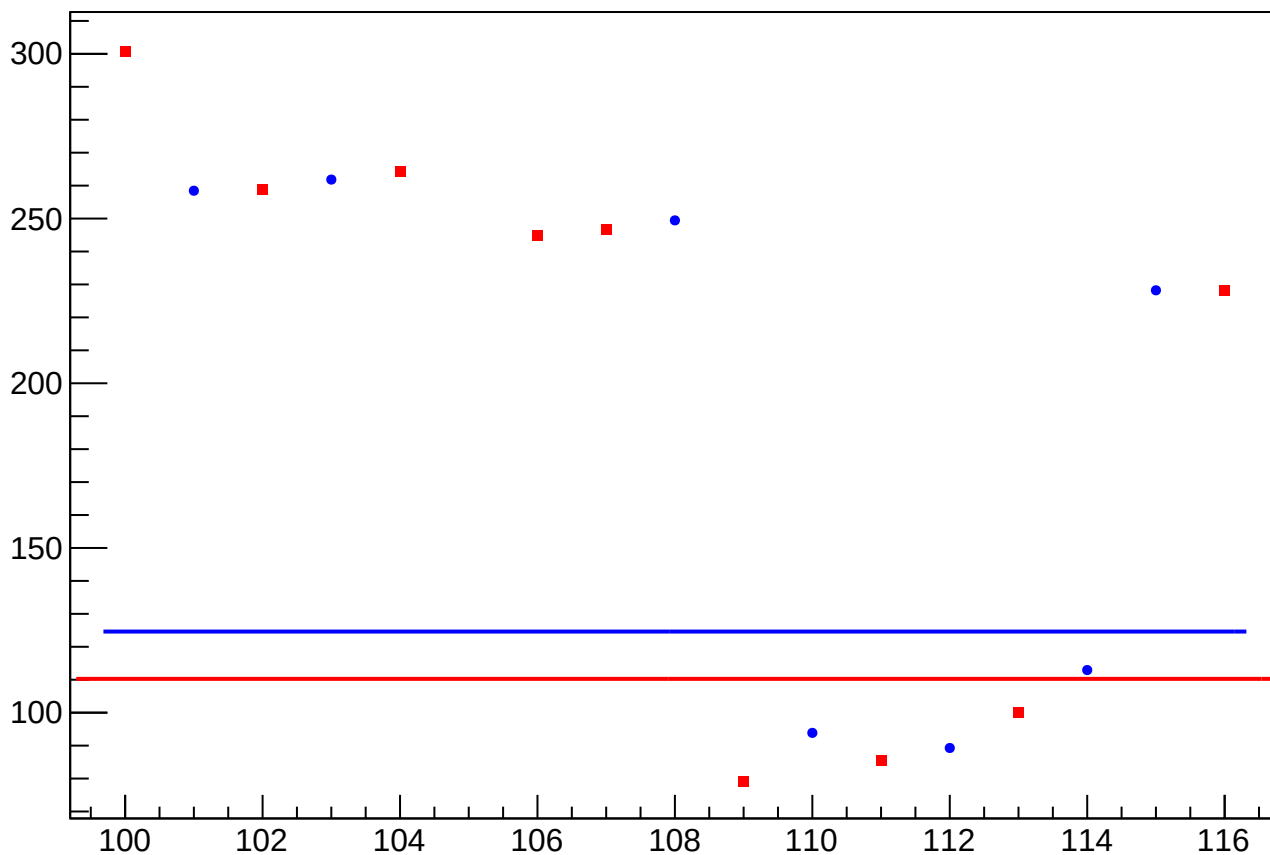
Right: -49.780 $\pm$ 52.910 χ^2 /NDF: 6.8/15

In: -60.312 $\pm$ 84.336 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.780 $\pm$ 52.910 χ^2 /NDF: 6.8/15

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 124.627+/-0.060 χ^2/NDF : 1173920.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.261+/-0.048 χ^2/NDF : 1509851.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

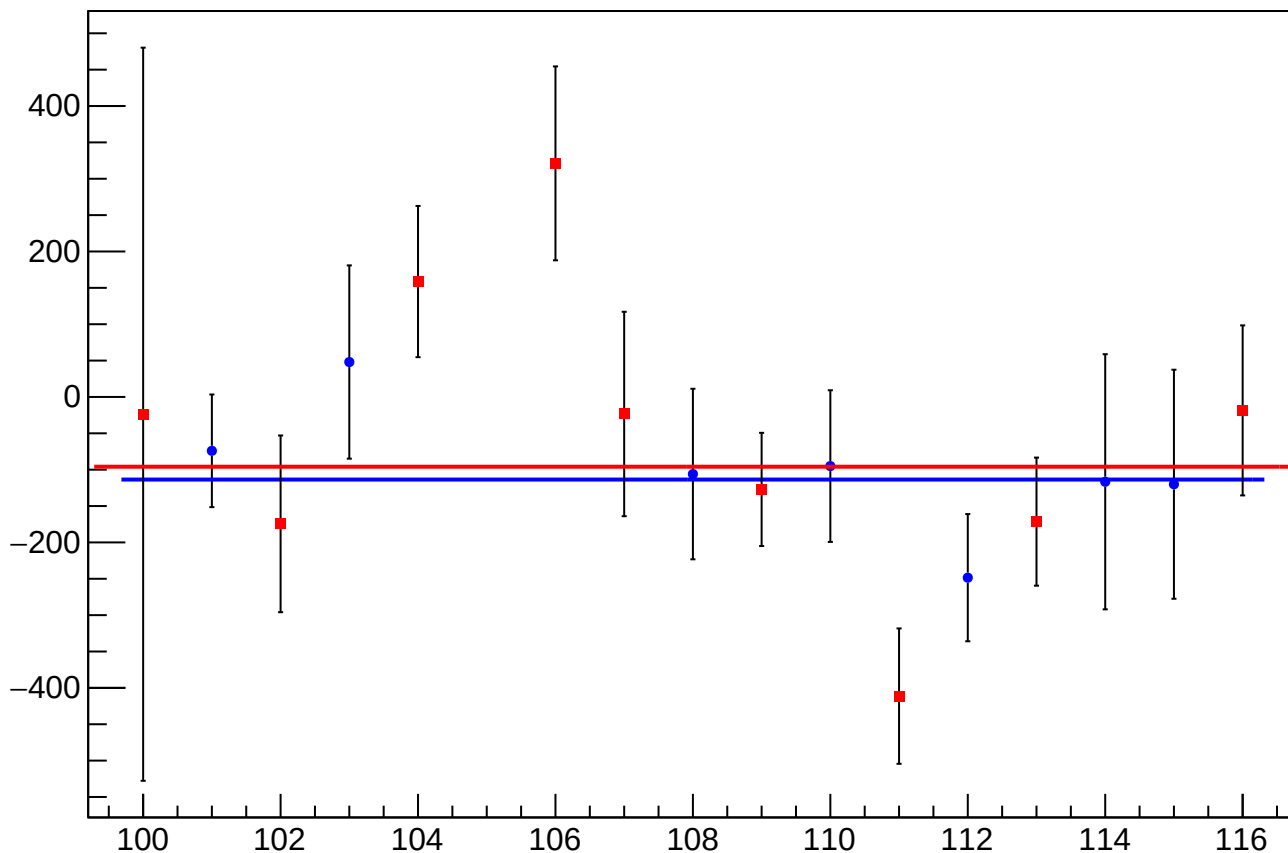
Right: 115.915+/-0.037 χ^2/NDF : 2718959.9/15

In: 124.627+/-0.060 χ^2/NDF : 1173920.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.915+/-0.037 χ^2/NDF : 2718959.9/15

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -113.582+/-41.107 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.893+/-36.425 χ^2/NDF : 29.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

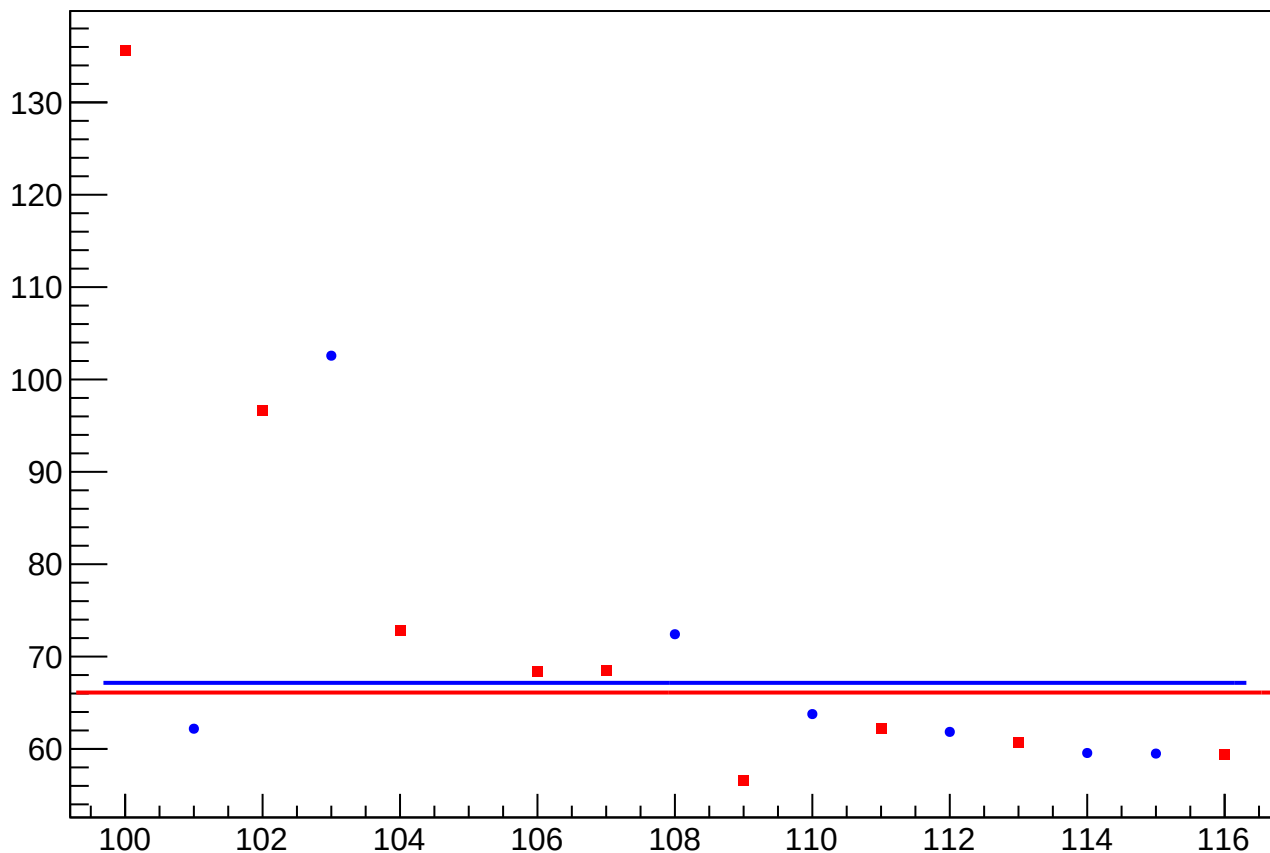
Right: -103.673+/-27.262 χ^2/NDF : 33.6/15

In: -113.582+/-41.107 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.673+/-27.262 χ^2/NDF : 33.6/15

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.156+/-0.029 χ^2/NDF : 172315.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.105+/-0.026 χ^2/NDF : 220786.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

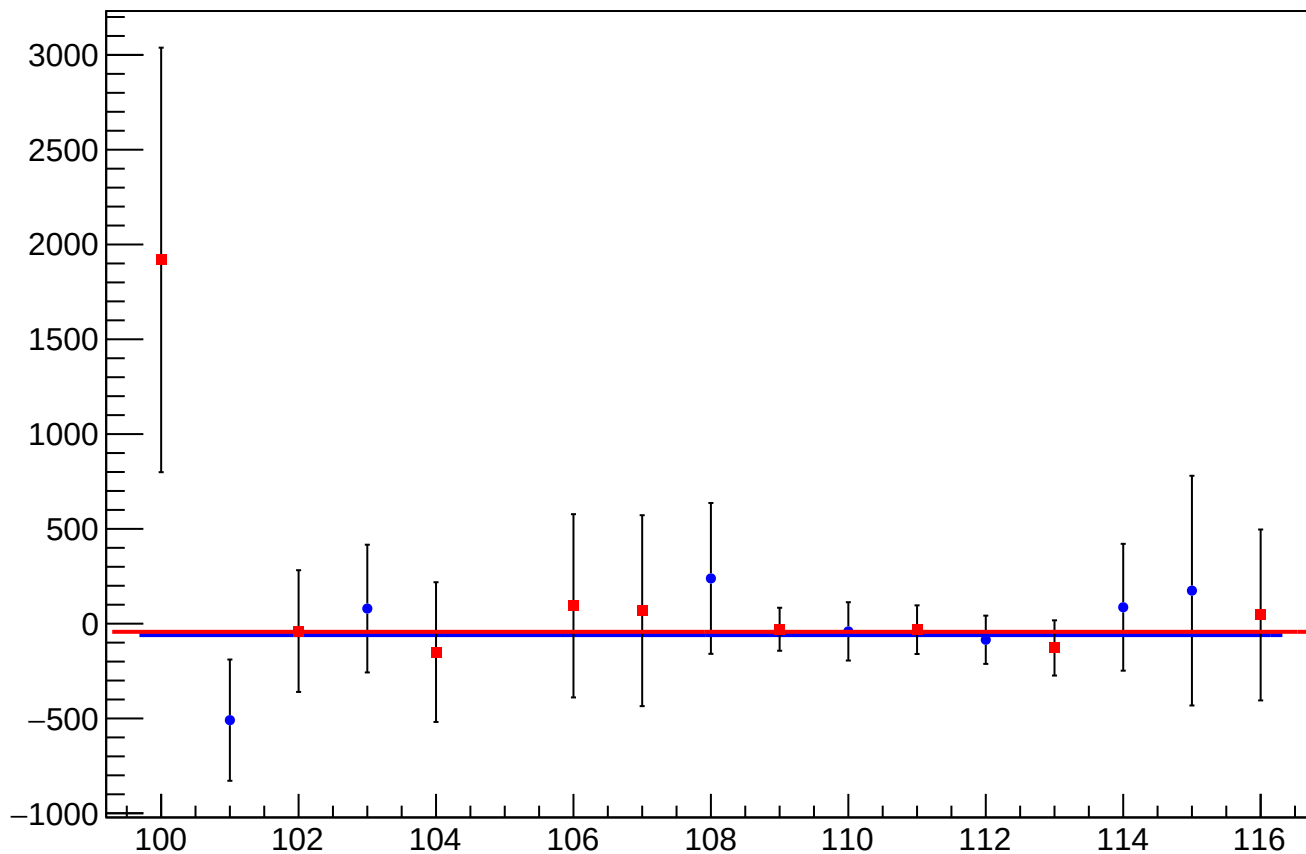
Right: 66.567+/-0.019 χ^2/NDF : 393833.1/15

In: 67.156+/-0.029 χ^2/NDF : 172315.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.567+/-0.019 χ^2/NDF : 393833.1/15

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -60.312 $\pm$ 84.336 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.944 $\pm$ 67.945 χ^2 /NDF: 3.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

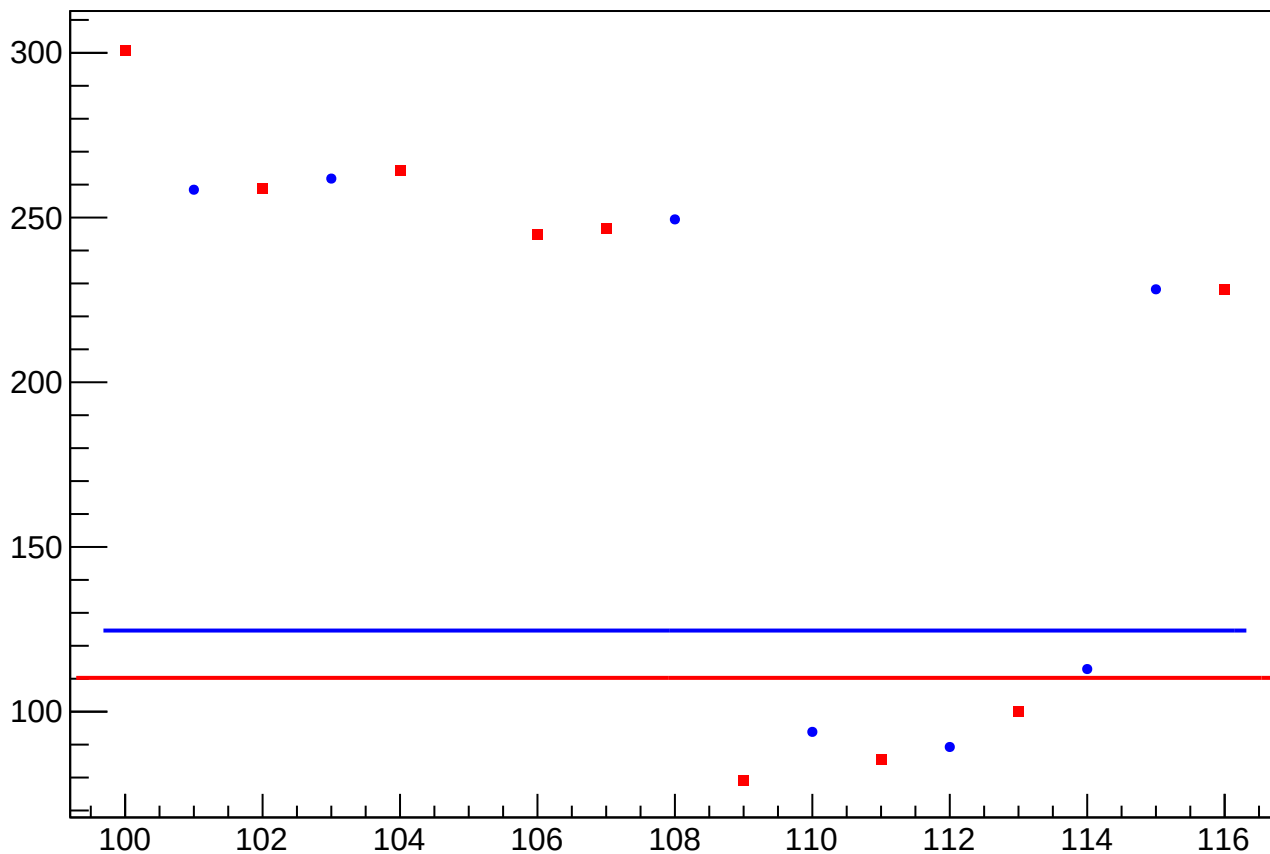
Right: -49.780 $\pm$ 52.910 χ^2 /NDF: 6.8/15

In: -60.312 $\pm$ 84.336 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.780 $\pm$ 52.910 χ^2 /NDF: 6.8/15

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 124.627+/-0.060 χ^2/NDF : 1173920.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.261+/-0.048 χ^2/NDF : 1509851.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

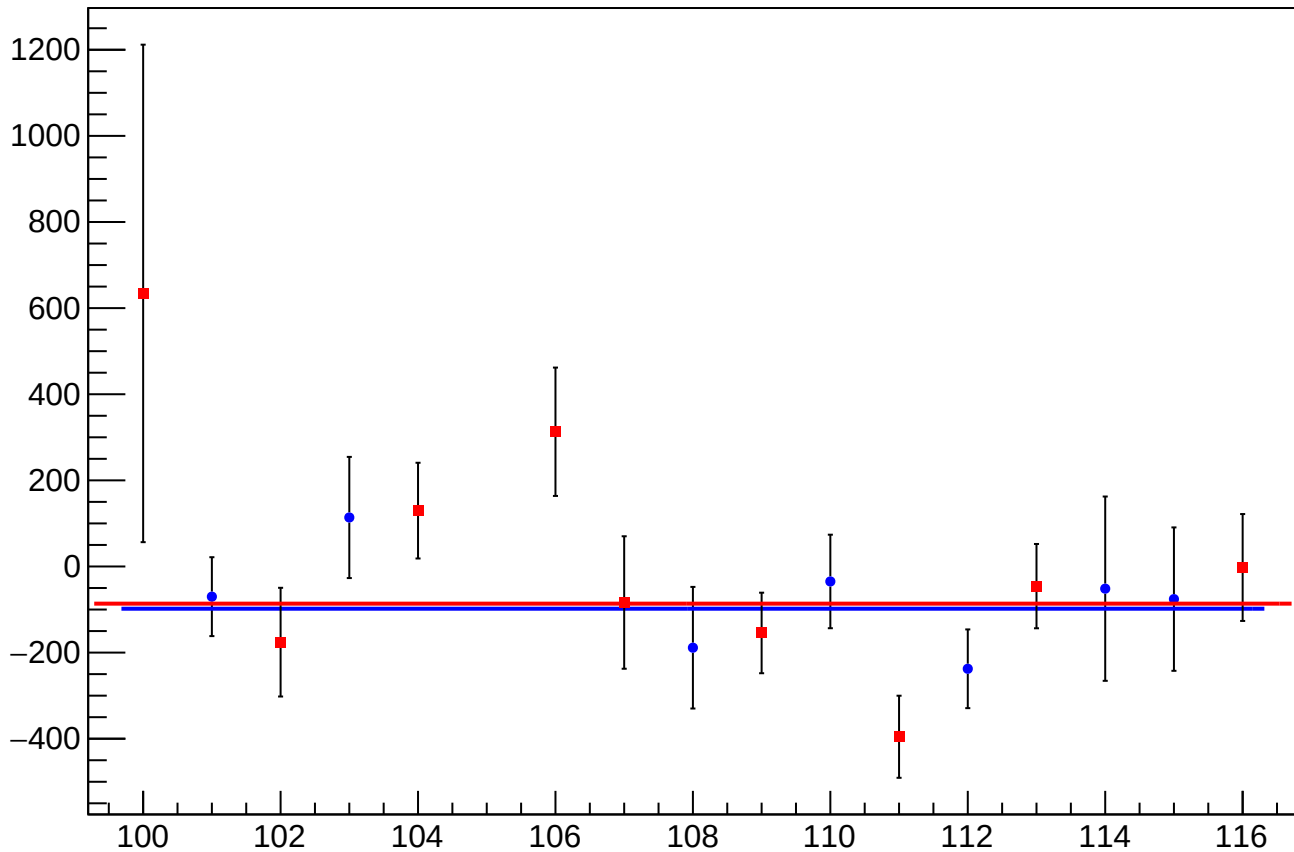
Right: 115.915+/-0.037 χ^2/NDF : 2718959.9/15

In: 124.627+/-0.060 χ^2/NDF : 1173920.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.915+/-0.037 χ^2/NDF : 2718959.9/15

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -98.105 $\pm$ 45.543 χ^2 /NDF: 5.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.325 $\pm$ 39.918 χ^2 /NDF: 24.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

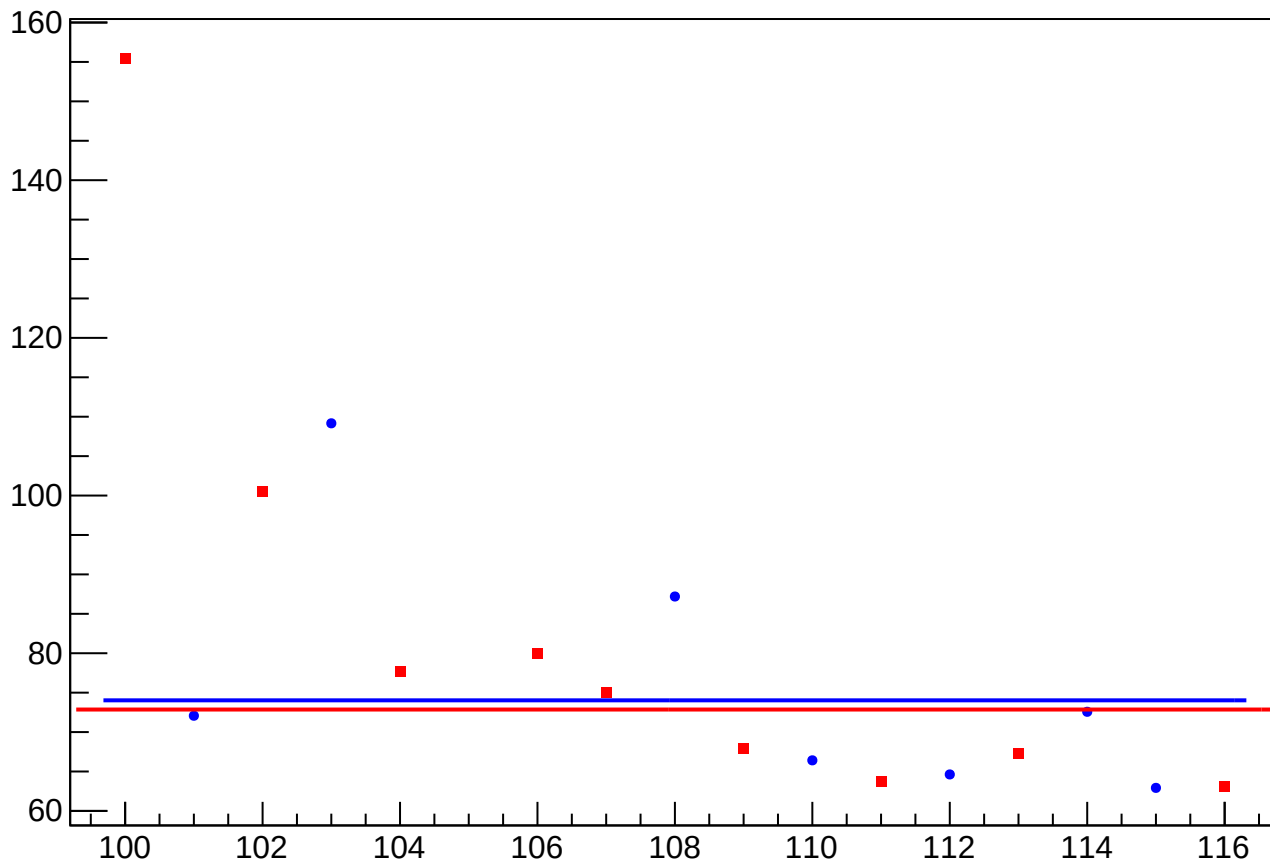
Right: -91.443 $\pm$ 30.019 χ^2 /NDF: 30.2/15

In: -98.105 $\pm$ 45.543 χ^2 /NDF:5.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.443 $\pm$ 30.019 χ^2 /NDF: 30.2/15

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 74.027+/-0.032 χ^2/NDF : 182972.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.860+/-0.028 χ^2/NDF : 187800.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

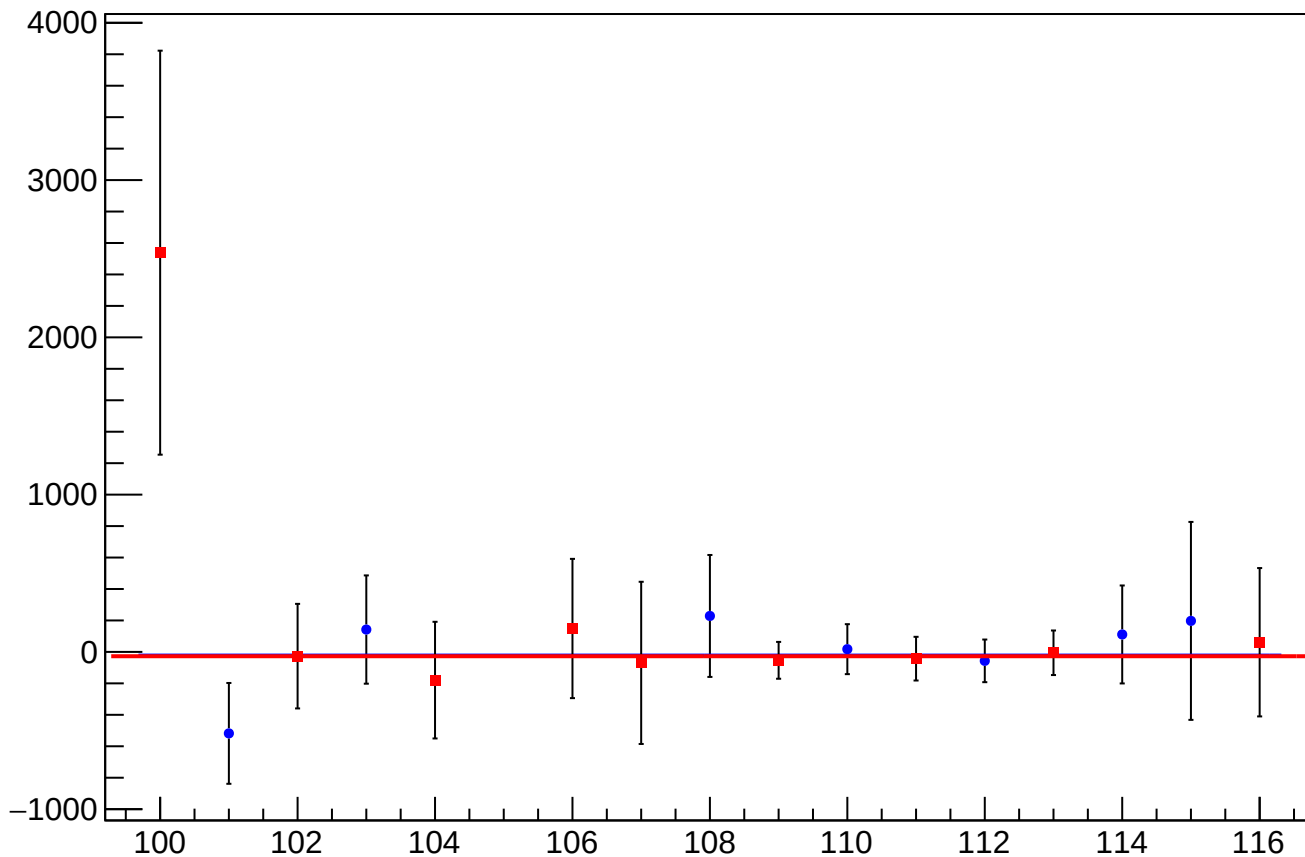
Right: 73.367+/-0.021 χ^2/NDF : 371516.6/15

In: 74.027+/-0.032 χ^2/NDF : 182972.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.367+/-0.021 χ^2/NDF : 371516.6/15

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -23.423+/-87.137 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.542+/-69.872 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

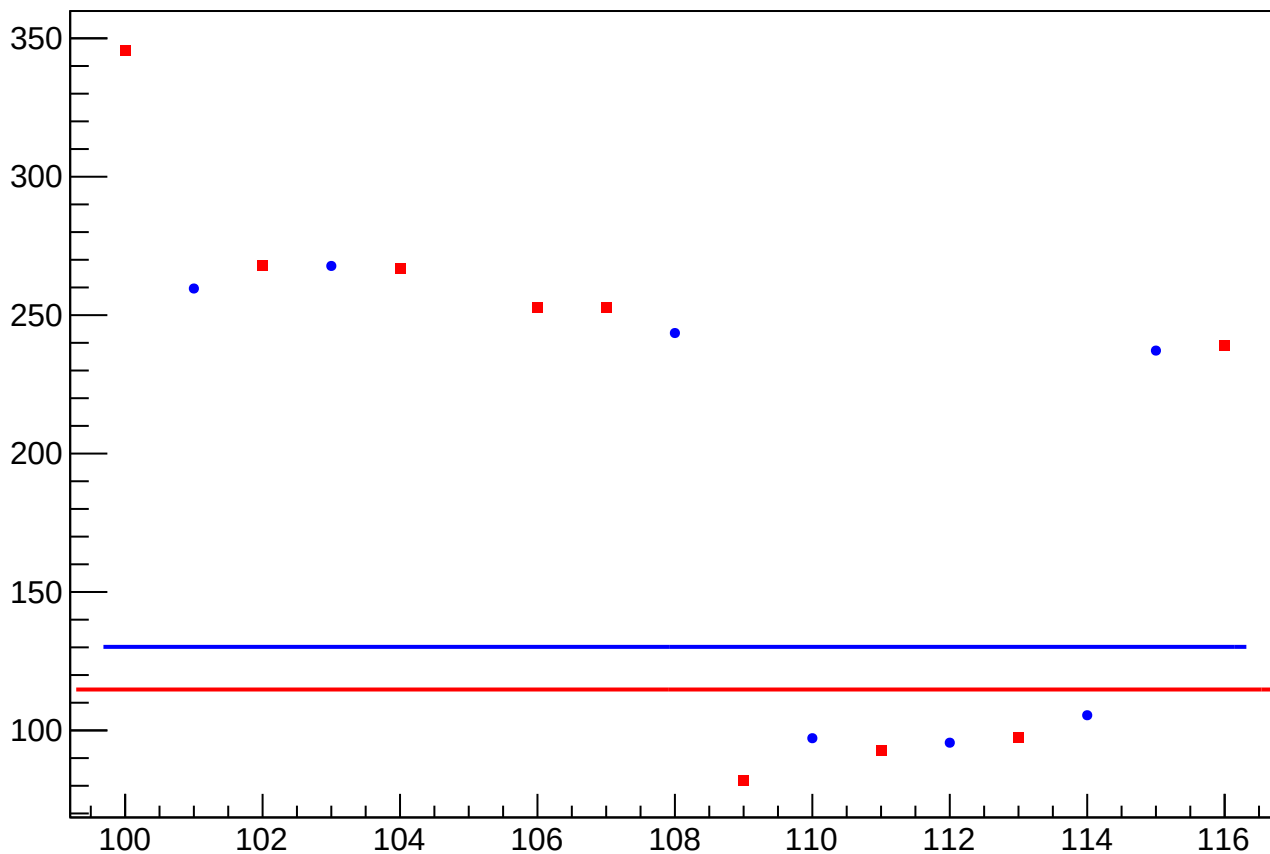
Right: -25.930+/-54.511 χ^2/NDF : 7.9/15

In: -23.423+/-87.137 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.930+/-54.511 χ^2/NDF : 7.9/15

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 130.178+/-0.062 χ^2/NDF : 1103775.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.775+/-0.049 χ^2/NDF : 1540355.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

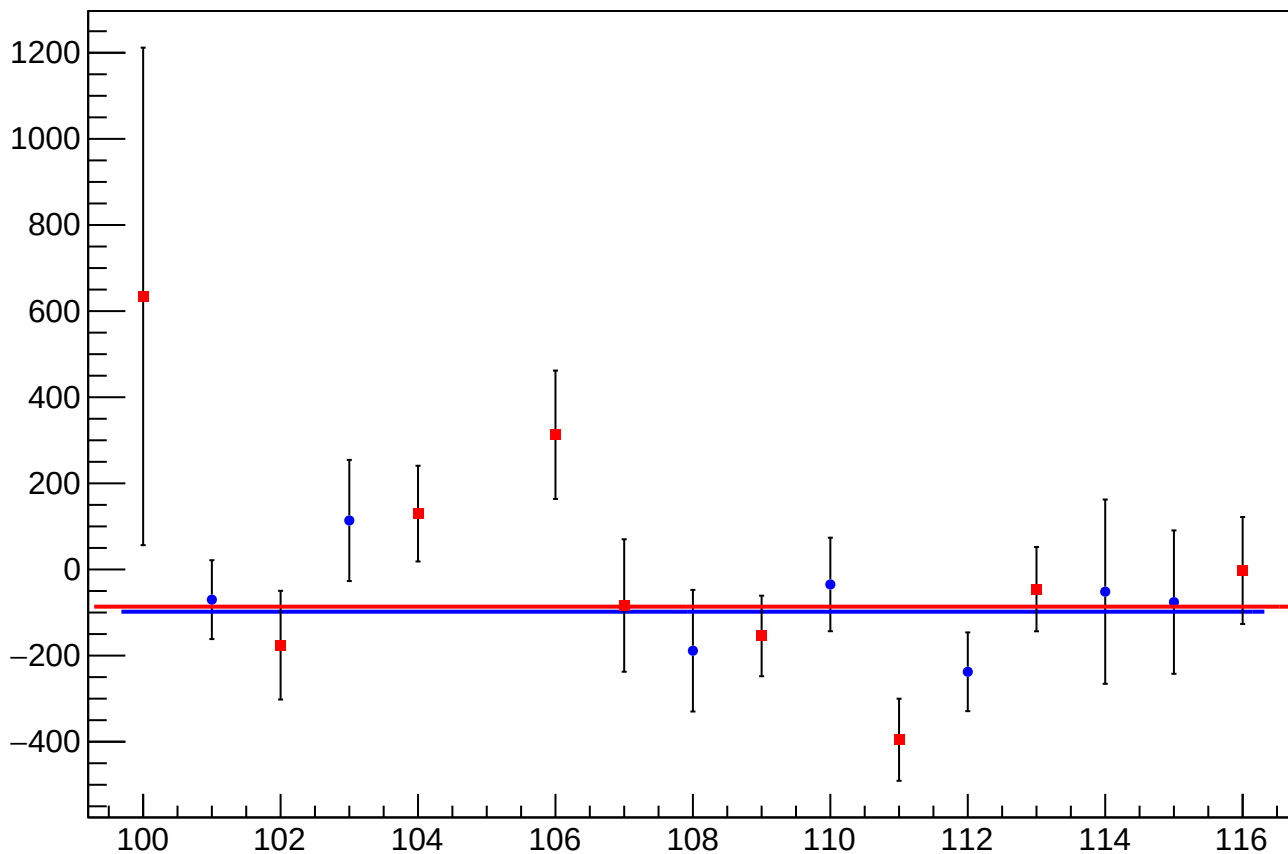
Right: 120.803+/-0.039 χ^2/NDF : 2682169.9/15

In: 130.178+/-0.062 χ^2/NDF : 1103775.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.803+/-0.039 χ^2/NDF : 2682169.9/15

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -98.102 $\pm$ 45.543 χ^2 /NDF: 5.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.327 $\pm$ 39.918 χ^2 /NDF: 24.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

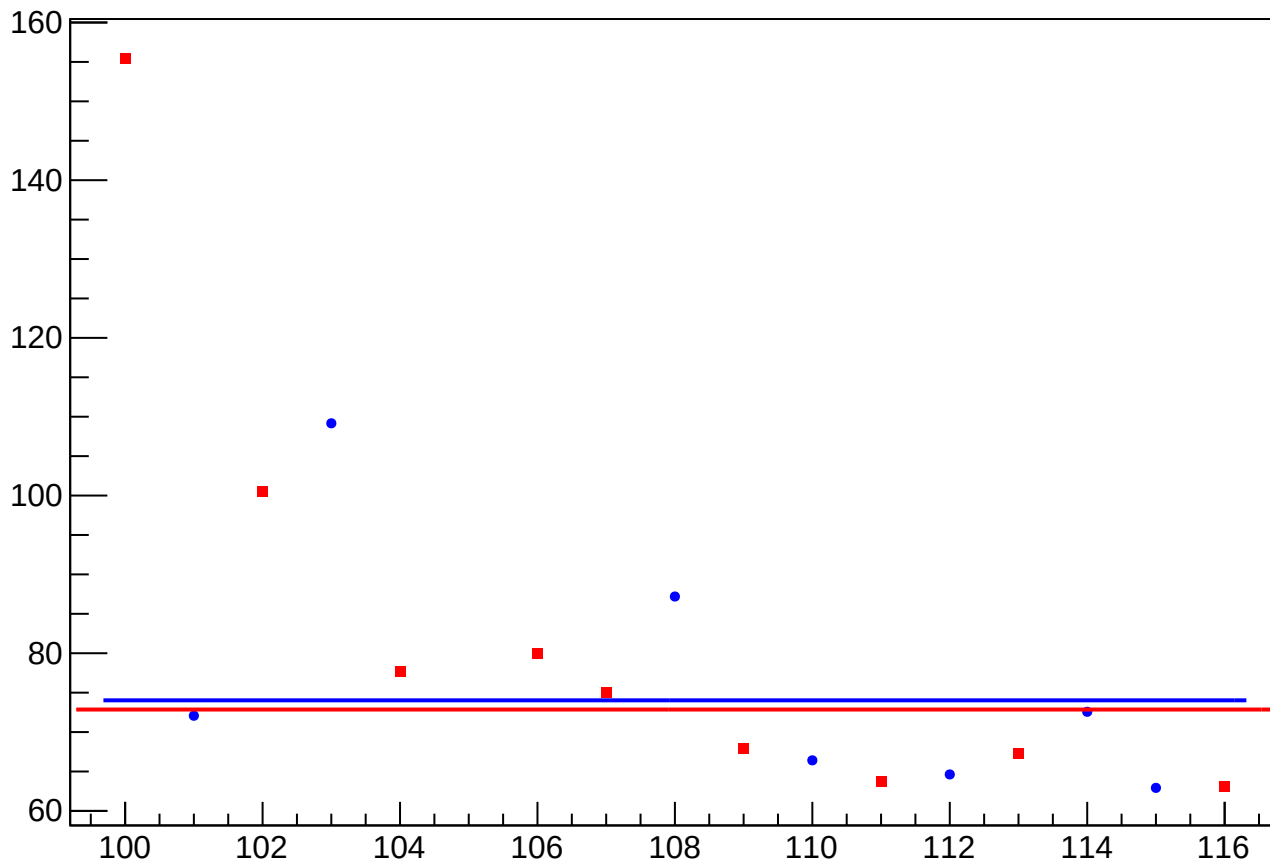
Right: -91.443 $\pm$ 30.019 χ^2 /NDF: 30.2/15

In: -98.102 $\pm$ 45.543 χ^2 /NDF:5.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.443 $\pm$ 30.019 χ^2 /NDF: 30.2/15

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 74.027+/-0.032 χ^2/NDF : 182974.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.859+/-0.028 χ^2/NDF : 187802.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

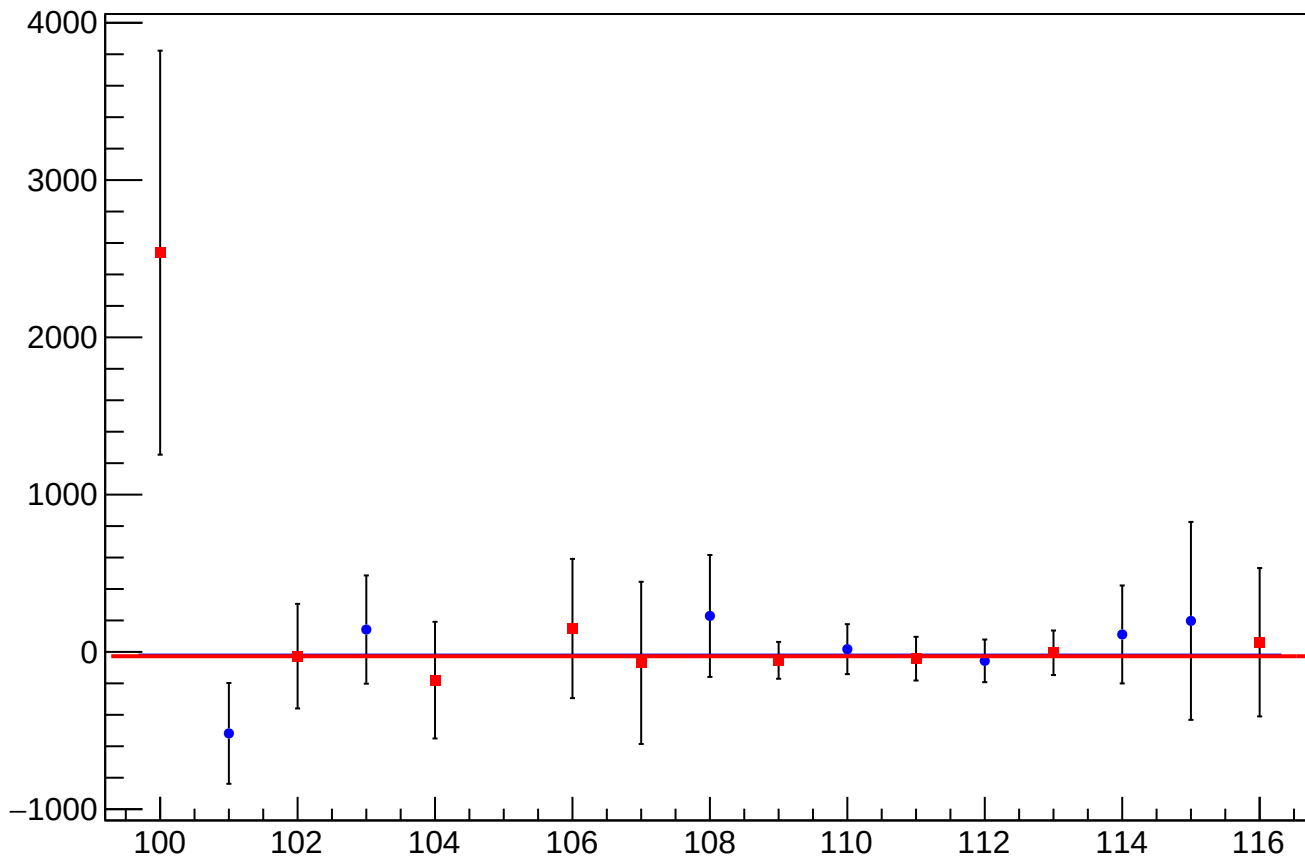
Right: 73.367+/-0.021 χ^2/NDF : 371519.2/15

In: 74.027+/-0.032 χ^2/NDF : 182974.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.367+/-0.021 χ^2/NDF : 371519.2/15

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -23.423+/-87.136 χ^2 /NDF: 3.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -27.543+/-69.872 χ^2 /NDF: 4.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

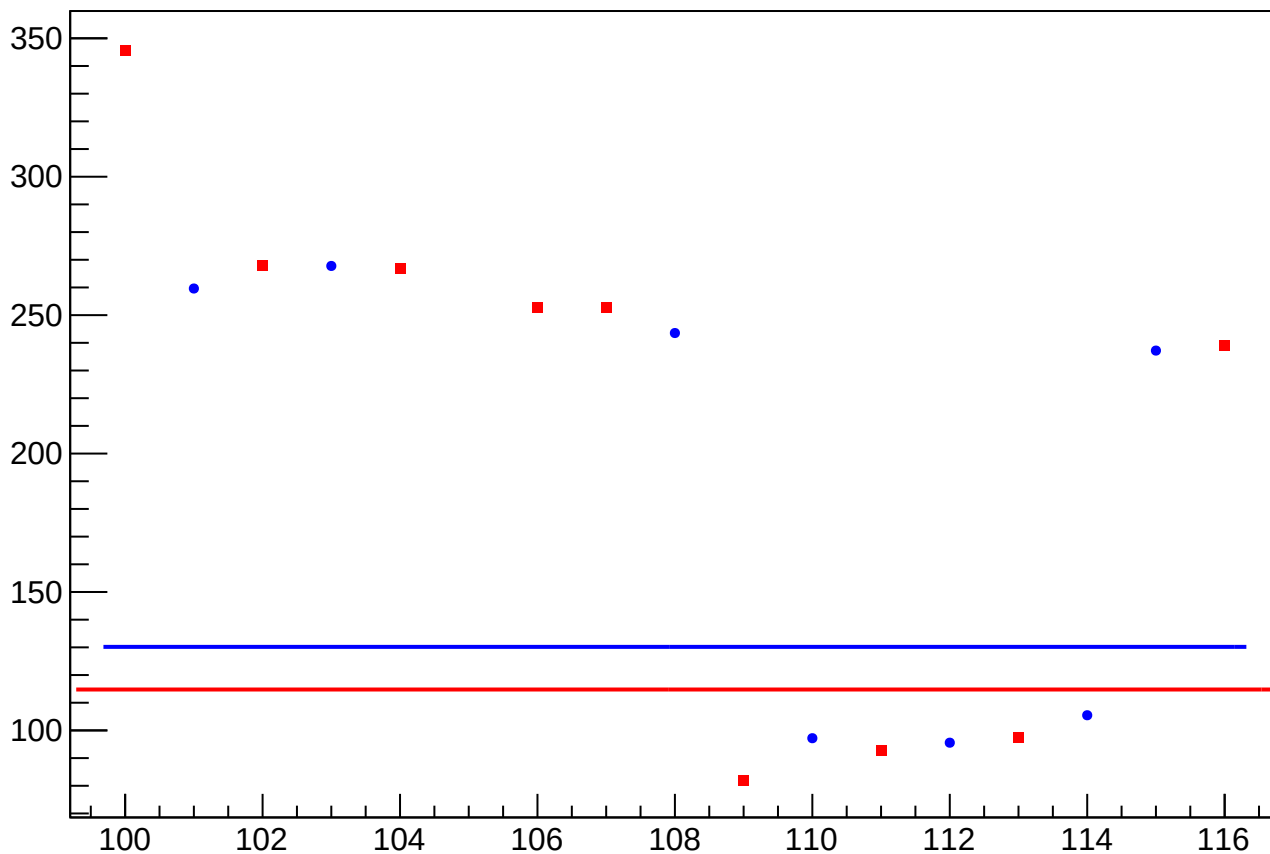
Right: -25.931+/-54.511 χ^2 /NDF: 7.9/15

In: -23.423+/-87.136 χ^2 /NDF:3.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -25.931+/-54.511 χ^2 /NDF: 7.9/15

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 130.177+/-0.062 χ^2/NDF : 1103778.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.774+/-0.049 χ^2/NDF : 1540342.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

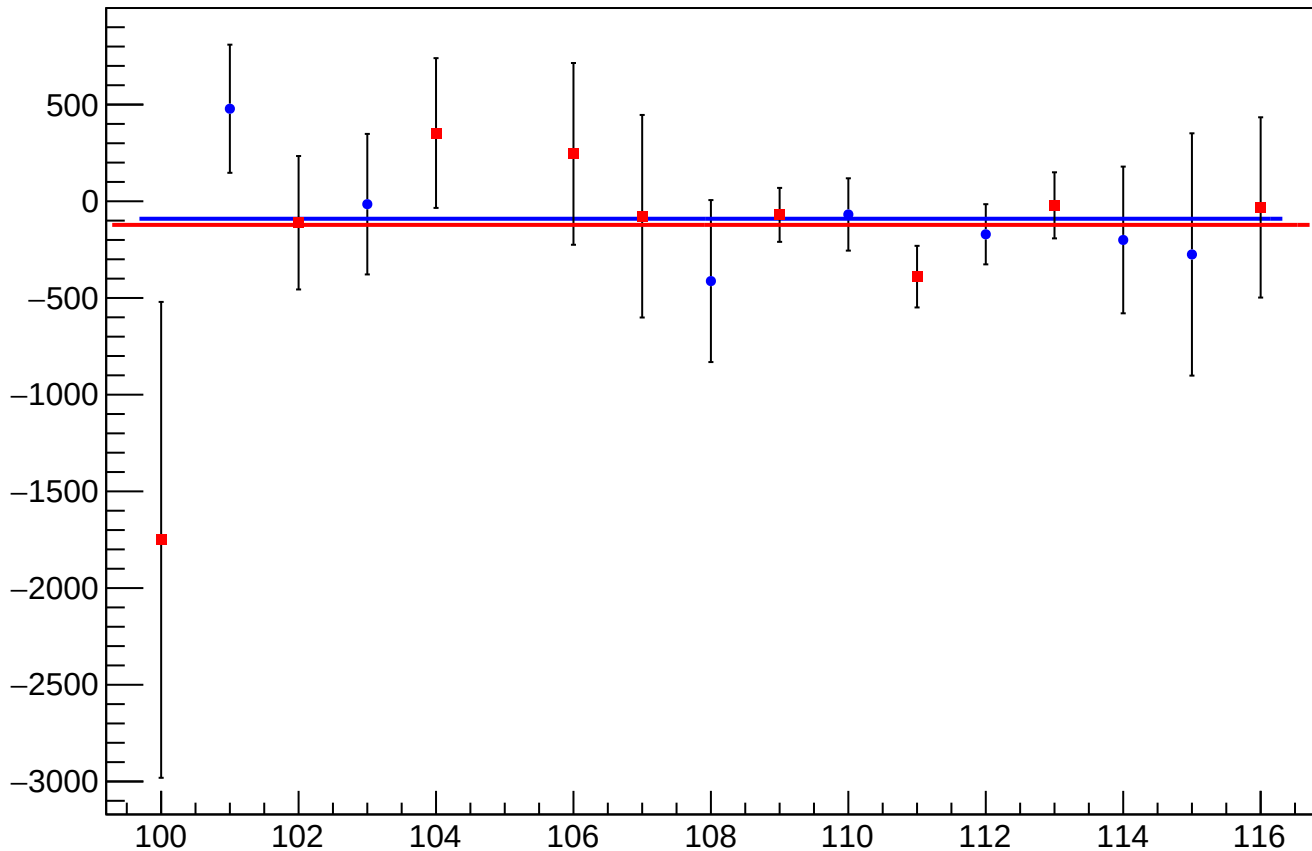
Right: 120.802+/-0.039 χ^2/NDF : 2682155.2/15

In: 130.177+/-0.062 χ^2/NDF : 1103778.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.802+/-0.039 χ^2/NDF : 2682155.2/15

asym_sam8_mean vs Slug, Sign Corrected



Right In: -90.342+/-99.111 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.070+/-80.689 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

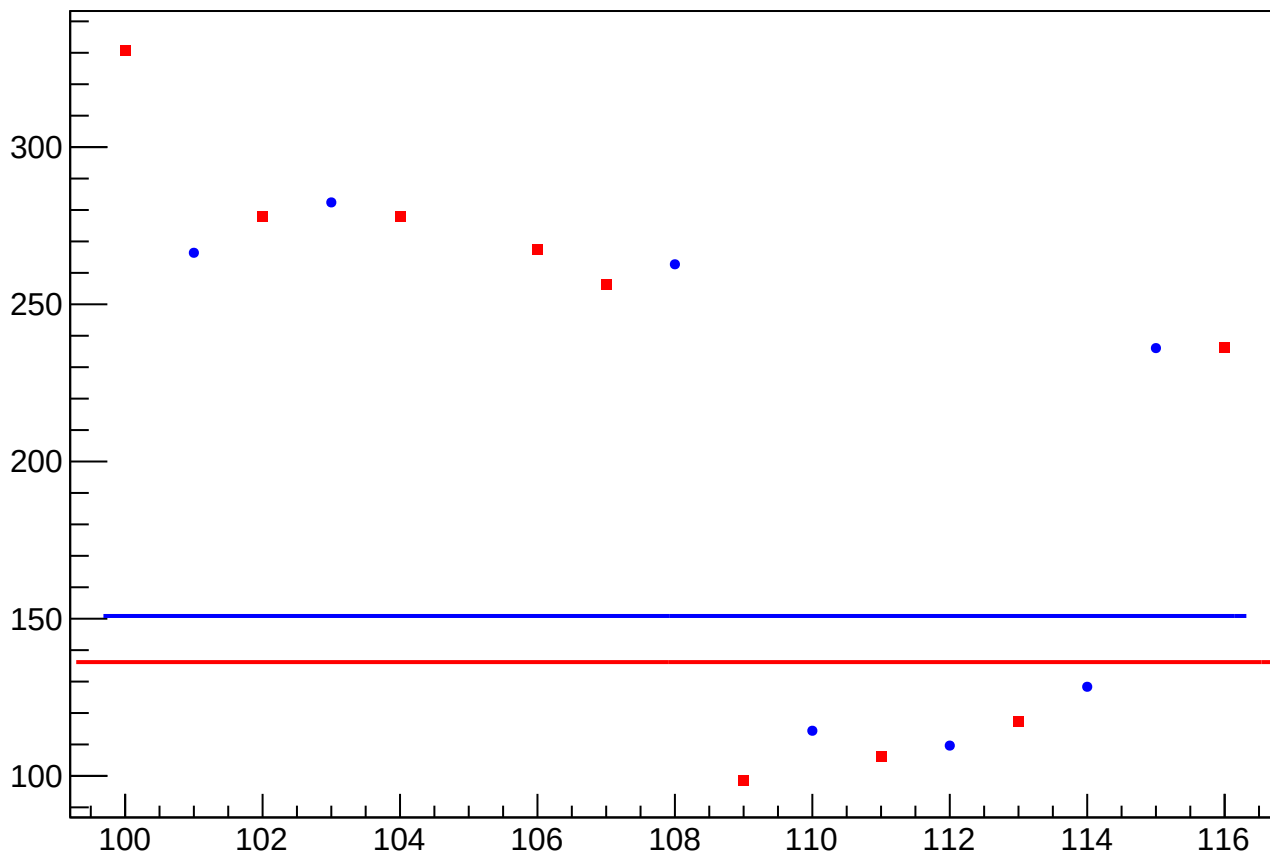
Right: -109.423+/-62.574 χ^2/NDF : 11.3/15

In: -90.342+/-99.111 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.423+/-62.574 χ^2/NDF : 11.3/15

asym_sam8_rms vs Slug, Sign Corrected



Right In: 150.868+/-0.070 χ^2/NDF : 908784.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.198+/-0.057 χ^2/NDF : 1249969.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

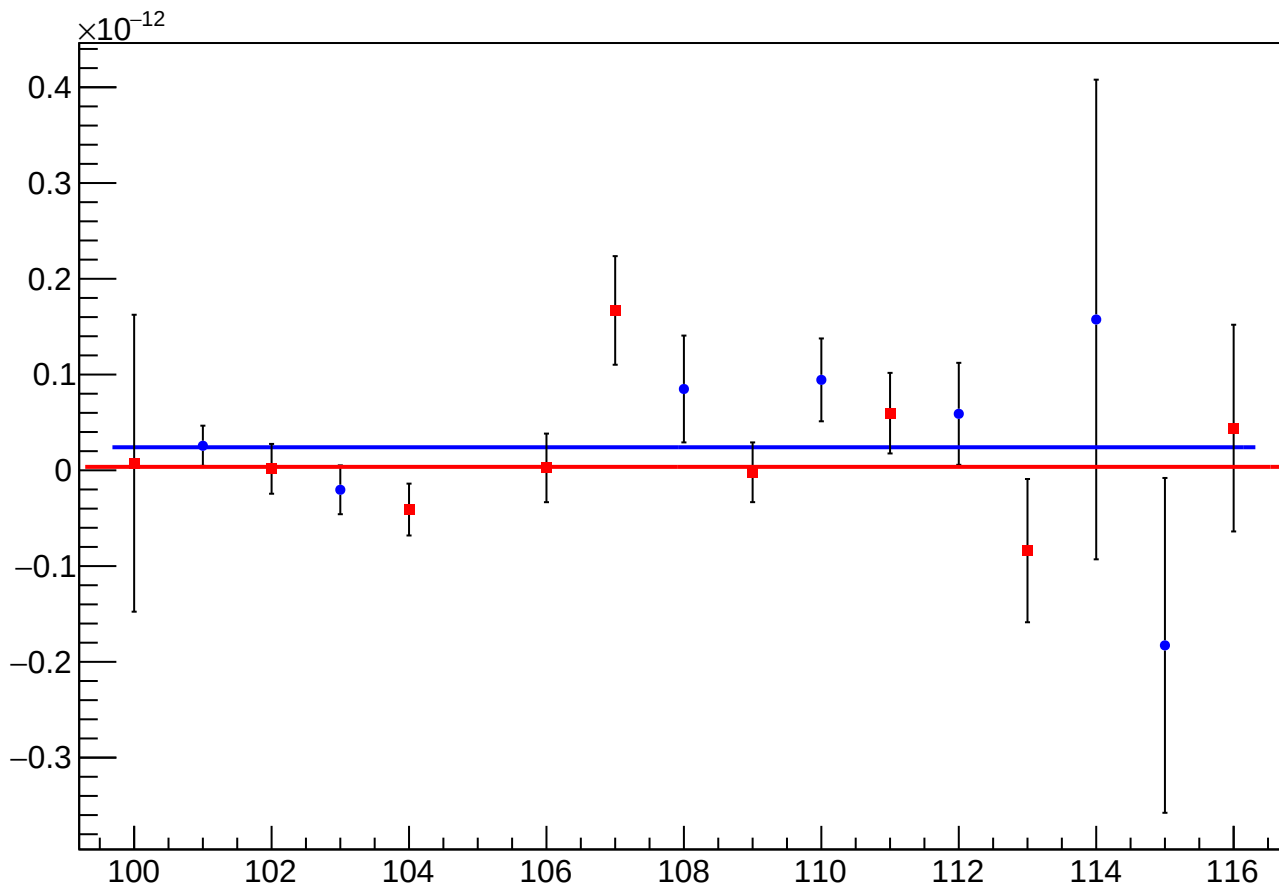
Right: 142.045+/-0.044 χ^2/NDF : 2185105.4/15

In: 150.868+/-0.070 χ^2/NDF : 908784.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.045+/-0.044 χ^2/NDF : 2185105.4/15

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

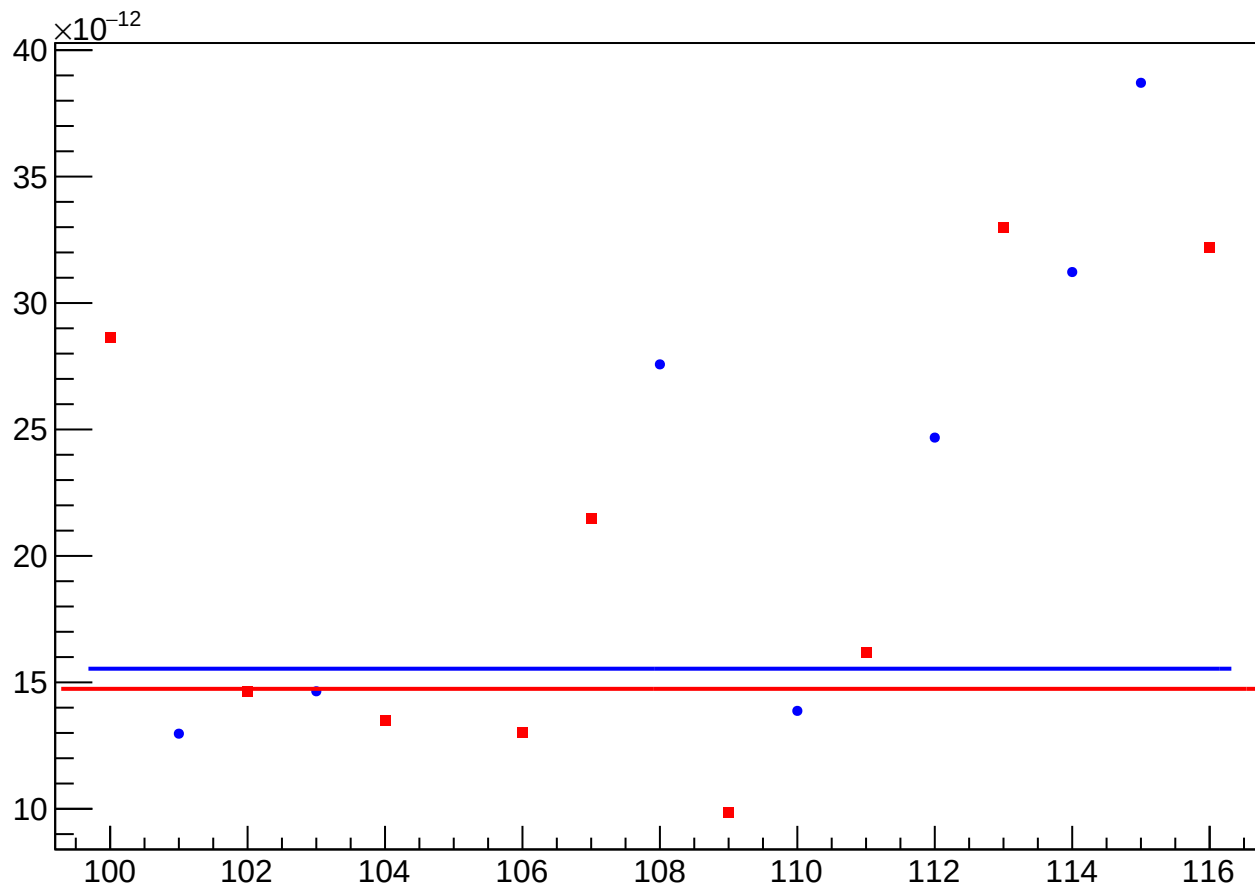
Right: 0.000+/-0.000 χ^2/NDF : 24.5/15

In: 0.000+/-0.000 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.5/15

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 230410.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 276151.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

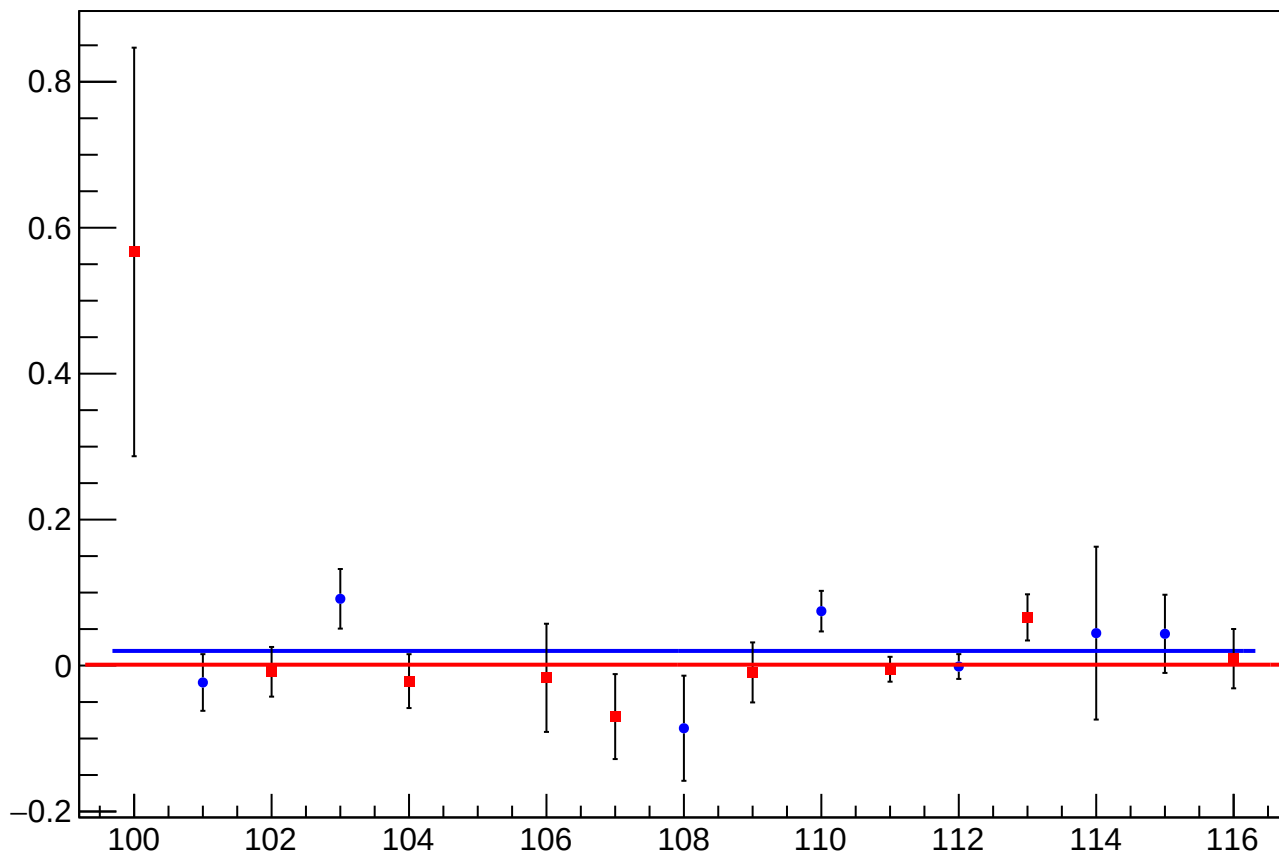
Right: 0.000+/-0.000 χ^2/NDF : 509999.2/15

In: 0.000+/-0.000 χ^2/NDF : 230410.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 509999.2/15

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

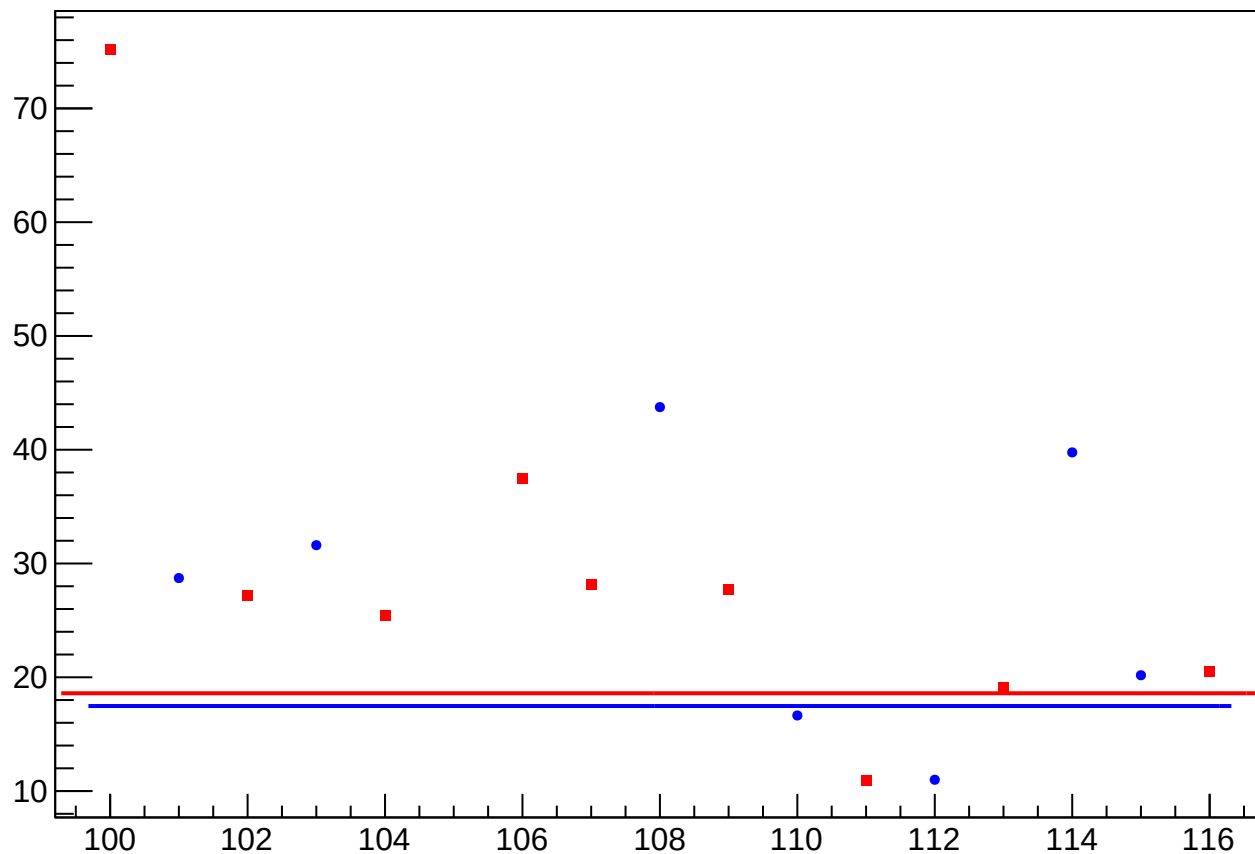
Right: 0.010+/-0.008 χ^2/NDF : 23.9/15

In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.008 χ^2/NDF : 23.9/15

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.473+/-0.009 χ^2/NDF : 1042332.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.596+/-0.008 χ^2/NDF : 970918.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

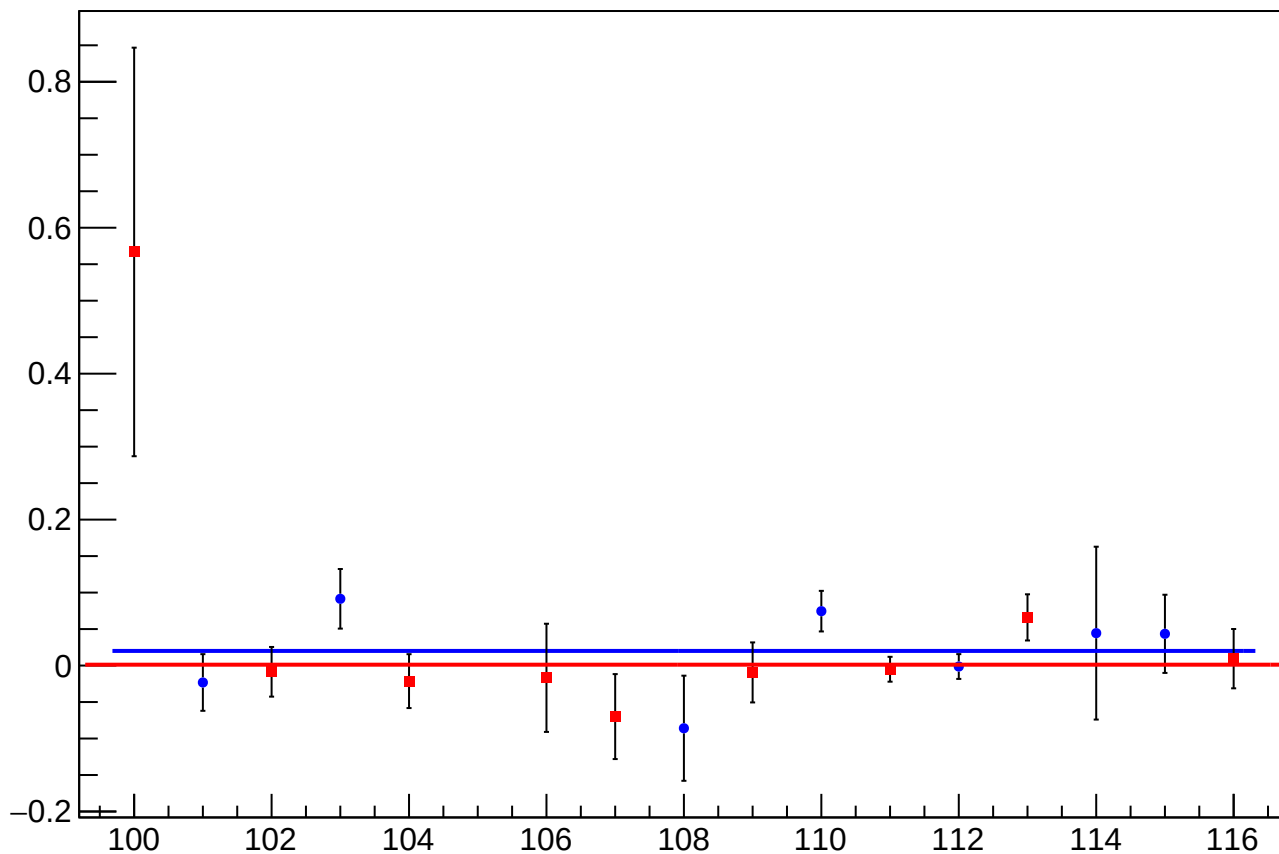
Right: 18.077+/-0.006 χ^2/NDF : 2022248.4/15

In: 17.473+/-0.009 χ^2/NDF :1042332.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.077+/-0.006 χ^2/NDF : 2022248.4/15

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

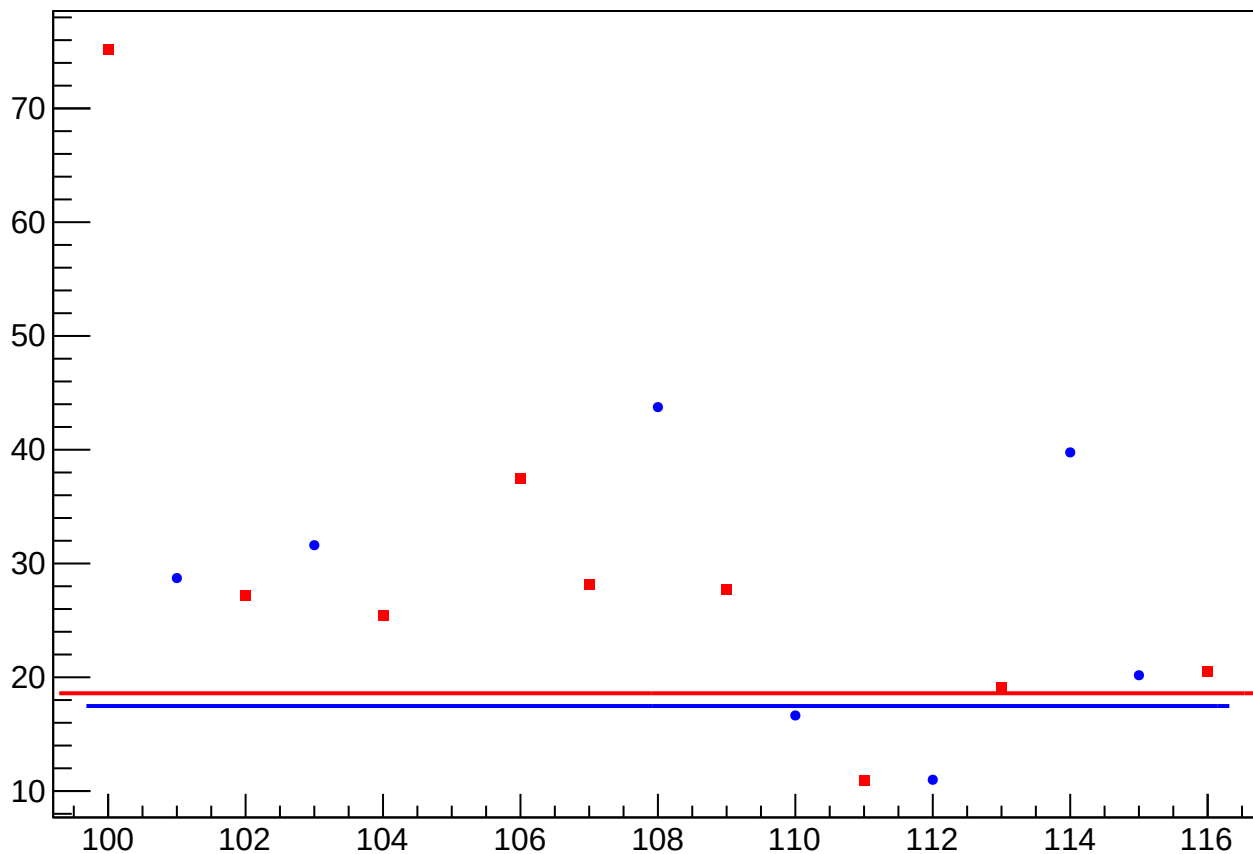
Right: 0.010+/-0.008 χ^2/NDF : 23.9/15

In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.008 χ^2/NDF : 23.9/15

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.473+/-0.009 χ^2/NDF : 1042332.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.596+/-0.008 χ^2/NDF : 970918.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

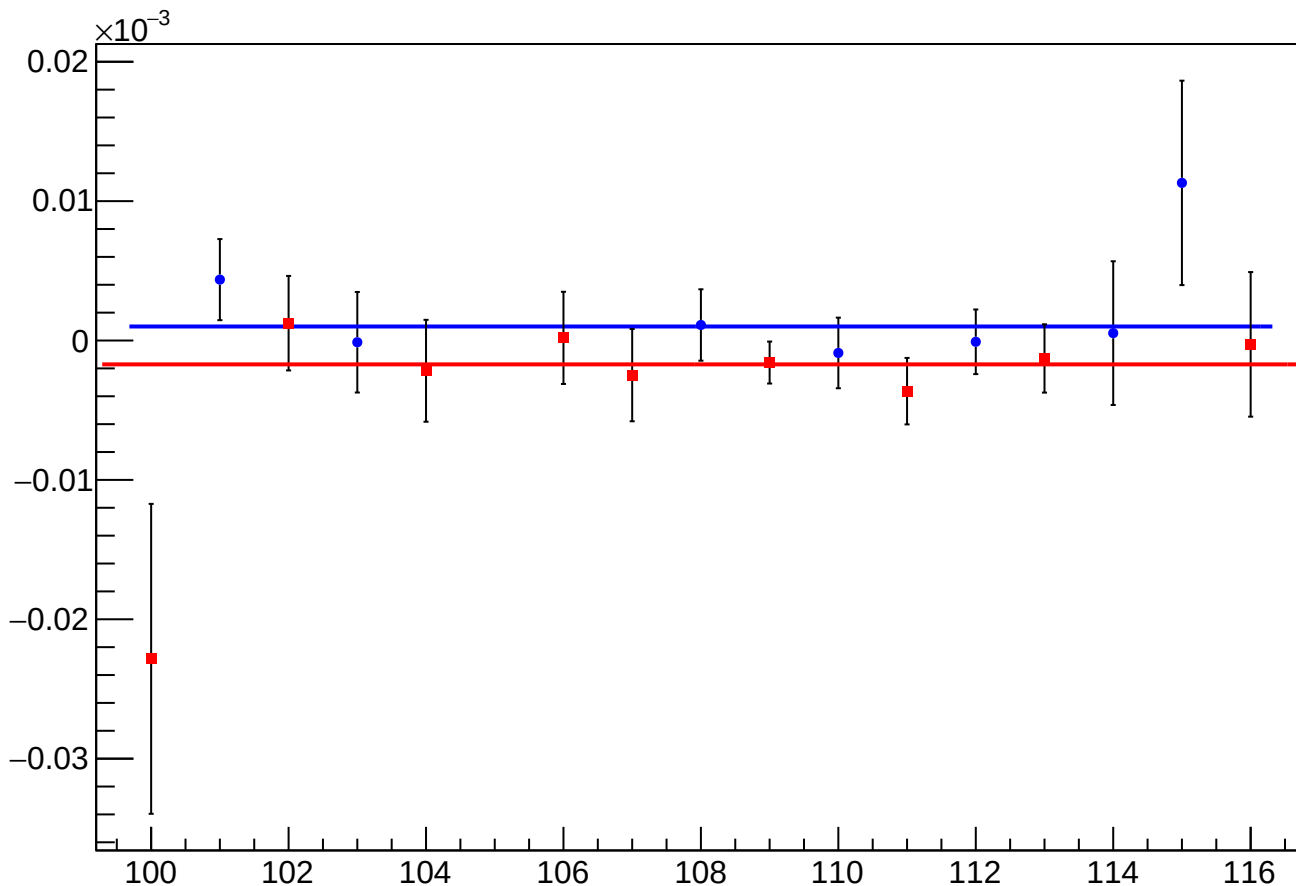
Right: 18.077+/-0.006 χ^2/NDF : 2022248.4/15

In: 17.473+/-0.009 χ^2/NDF :1042332.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.077+/-0.006 χ^2/NDF : 2022248.4/15

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

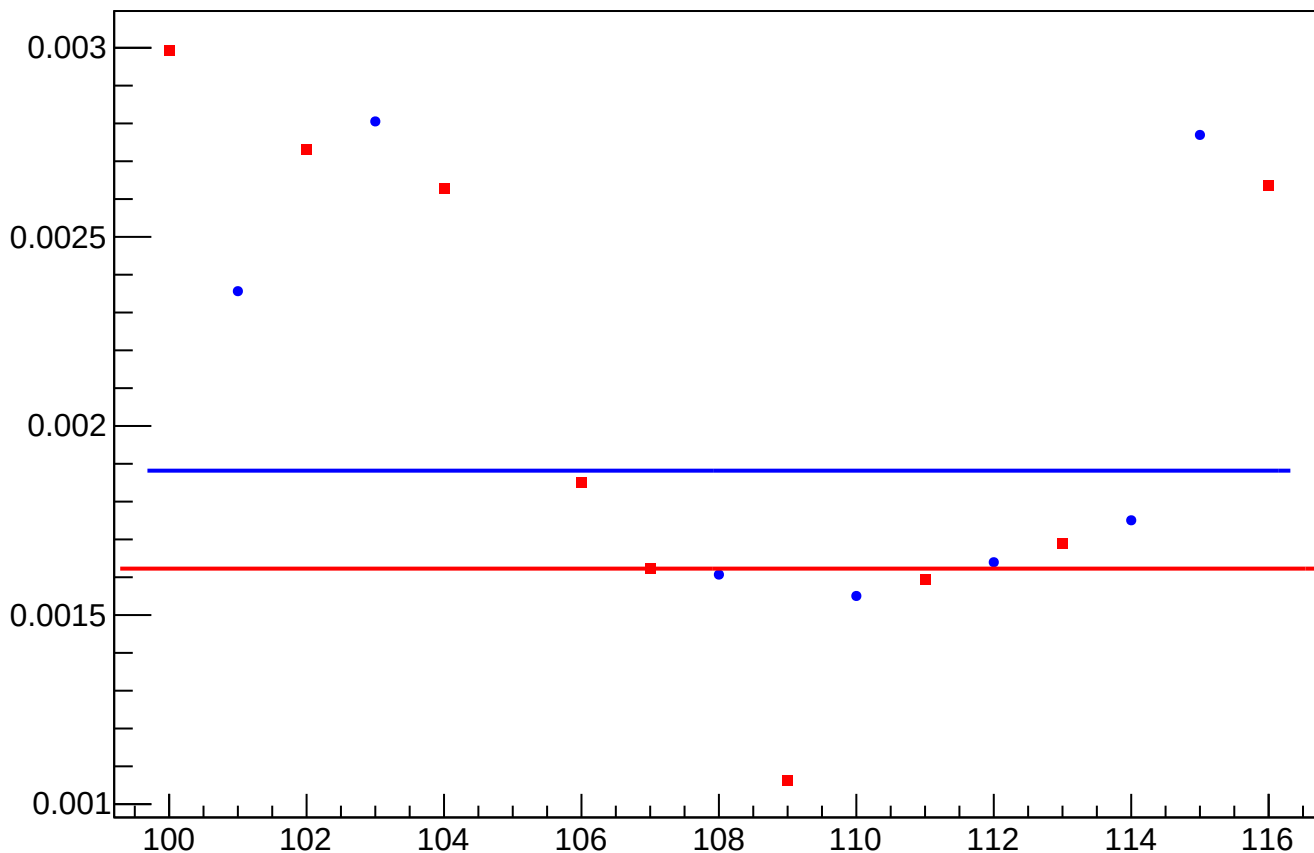
Right: -0.000 +/- 0.000 χ^2/NDF : 13.1/15

In: 0.000 +/- 0.000 χ^2/NDF : 4.2/6

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 13.1/15

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 293953.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 759361.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

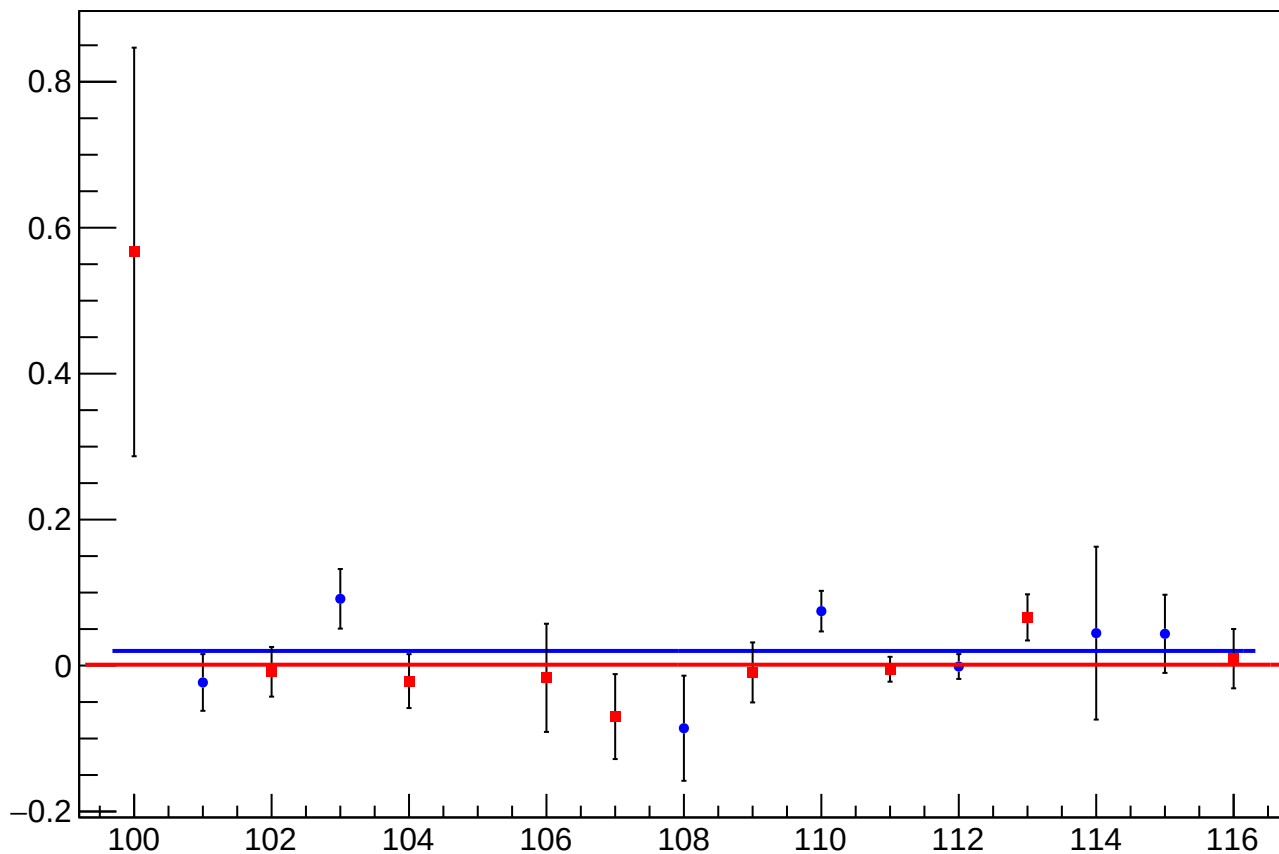
Right: 0.002+/-0.000 χ^2/NDF : 1114494.5/15

In: 0.002+/-0.000 χ^2/NDF : 293953.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1114494.5/15

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

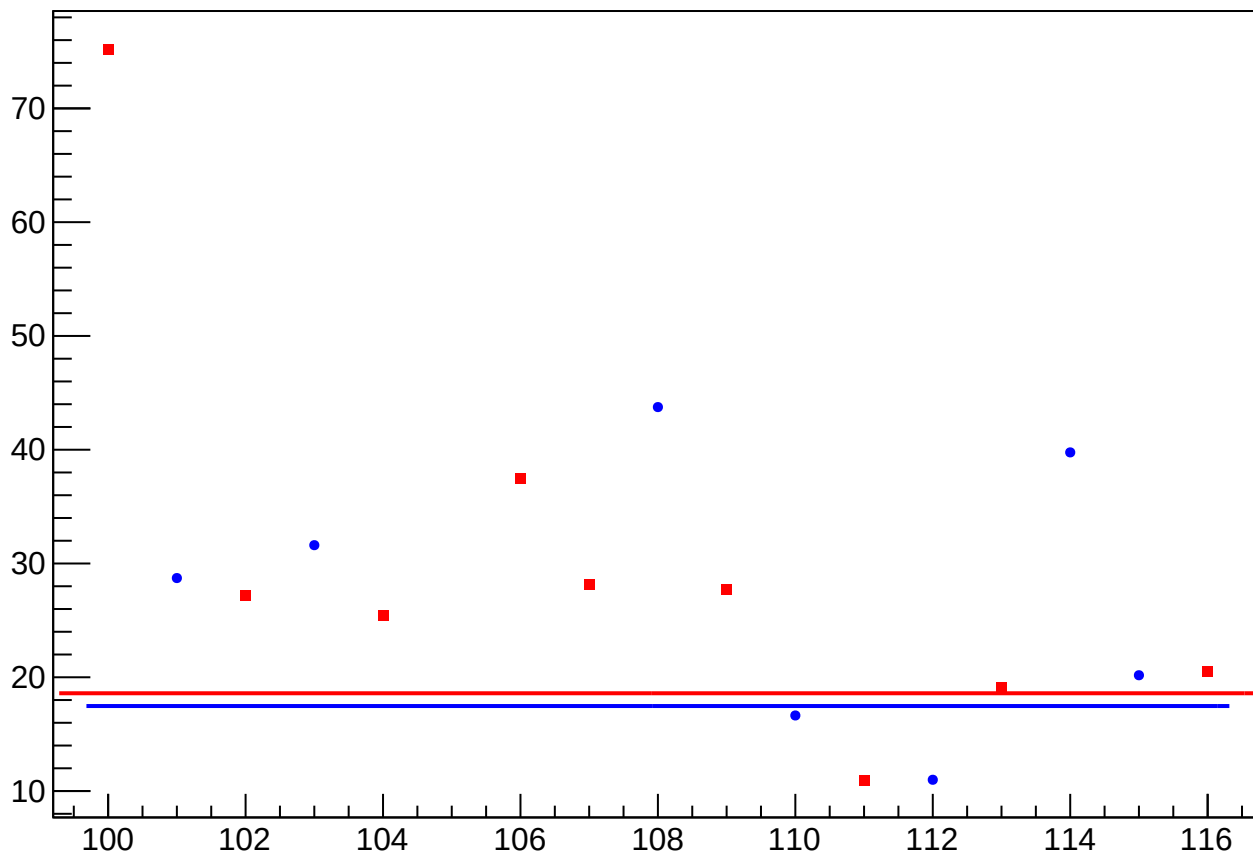
Right: 0.010+/-0.008 χ^2/NDF : 23.9/15

In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.008 χ^2/NDF : 23.9/15

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.472+/-0.009 χ^2/NDF : 1042428.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.595+/-0.008 χ^2/NDF : 971034.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

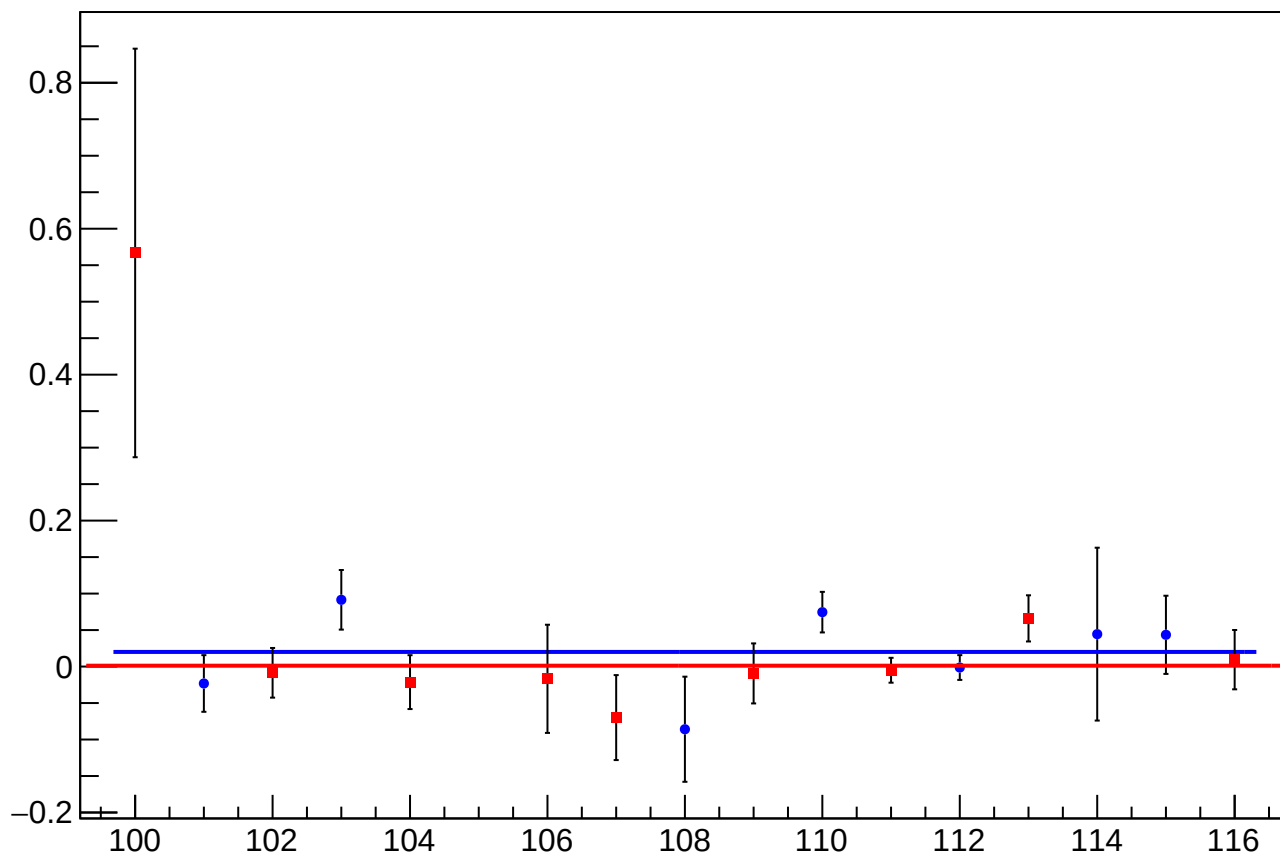
Right: 18.076+/-0.006 χ^2/NDF : 2022462.5/15

In: 17.472+/-0.009 χ^2/NDF : 1042428.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.076+/-0.006 χ^2/NDF : 2022462.5/15

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.011 χ^2/NDF : 10.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

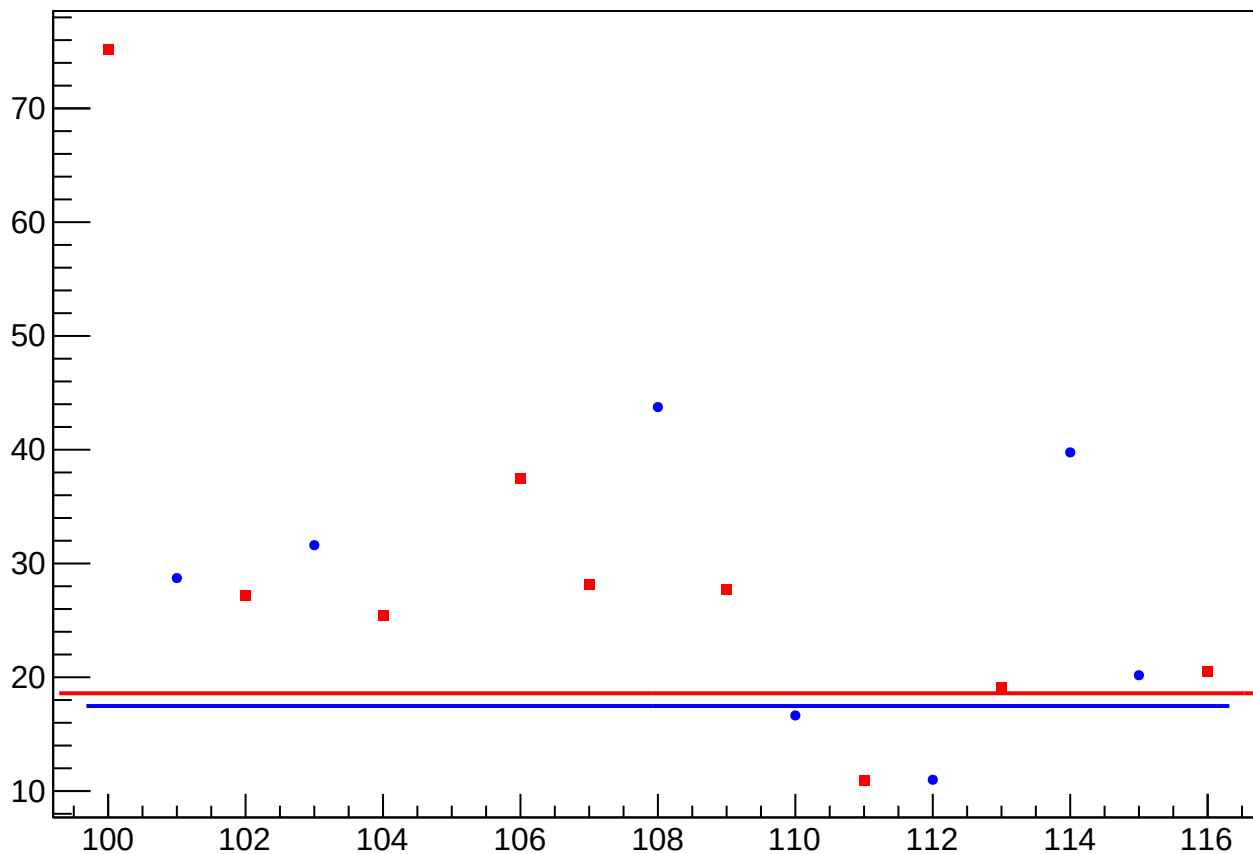
Right: 0.010+/-0.008 χ^2/NDF : 23.9/15

In: 0.020+/-0.012 χ^2/NDF : 12.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.008 χ^2/NDF : 23.9/15

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.472+/-0.009 χ^2/NDF : 1042428.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.595+/-0.008 χ^2/NDF : 971034.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

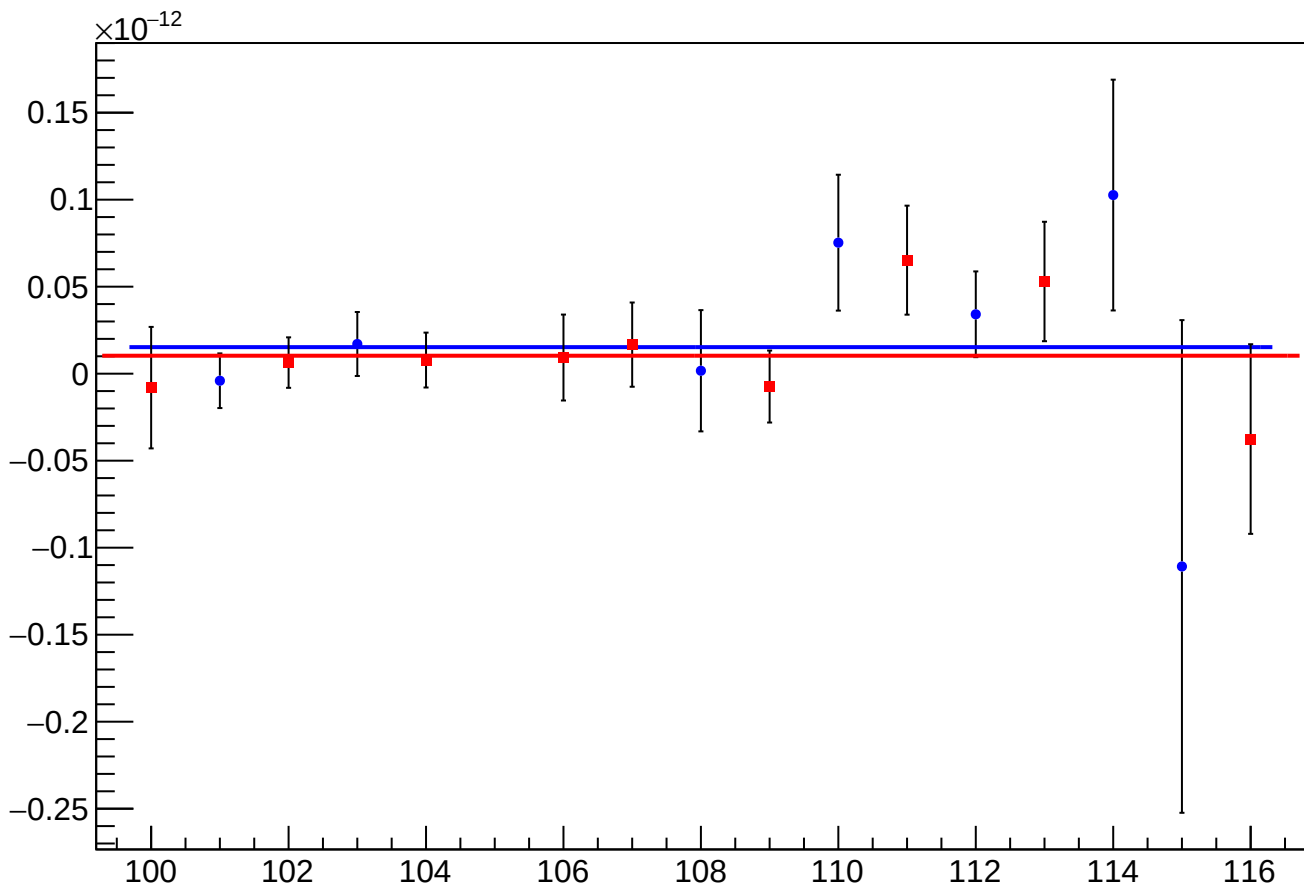
Right: 18.076+/-0.006 χ^2/NDF : 2022462.5/15

In: 17.472+/-0.009 χ^2/NDF :1042428.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.076+/-0.006 χ^2/NDF : 2022462.5/15

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

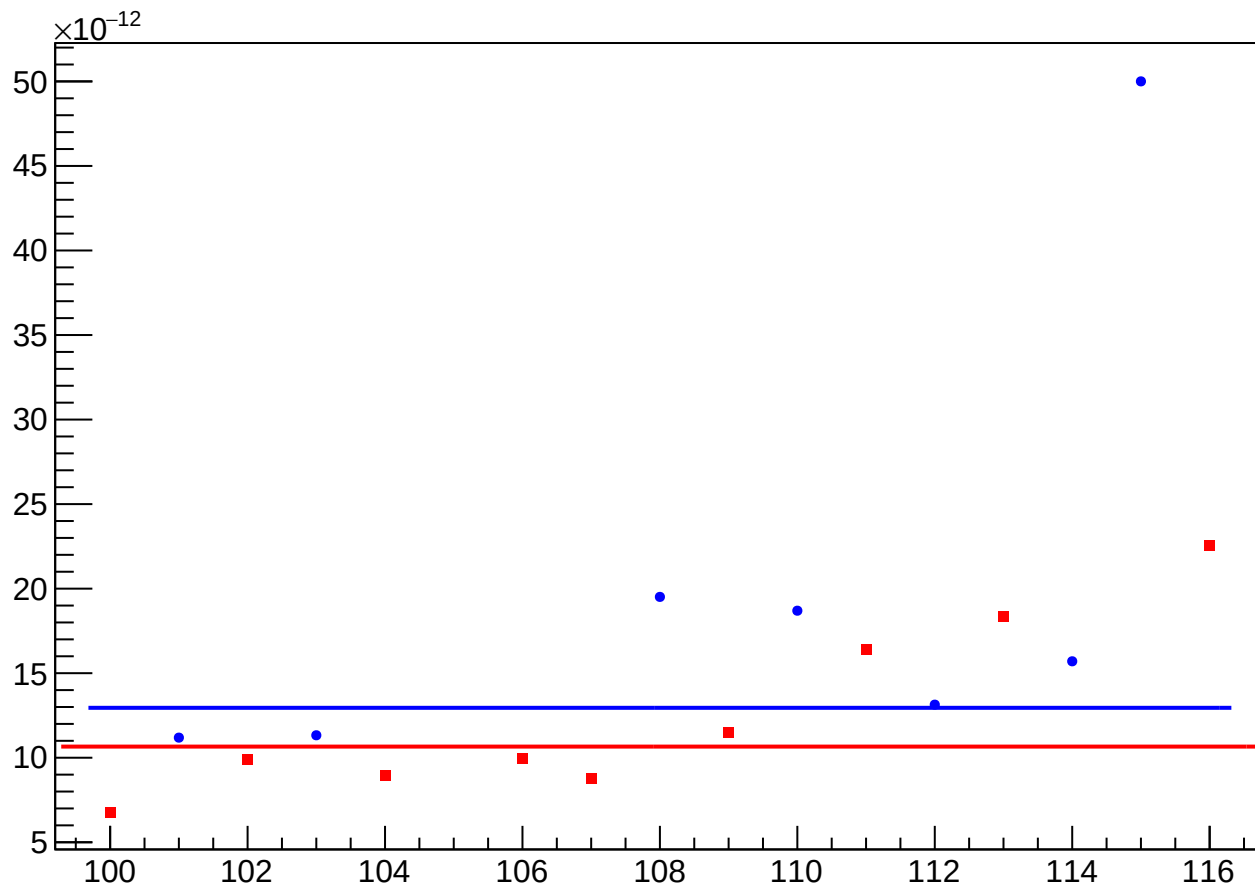
Right: 0.000+/-0.000 χ^2/NDF : 13.9/15

In: 0.000+/-0.000 χ^2/NDF : 7.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/15

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 295547.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 334725.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

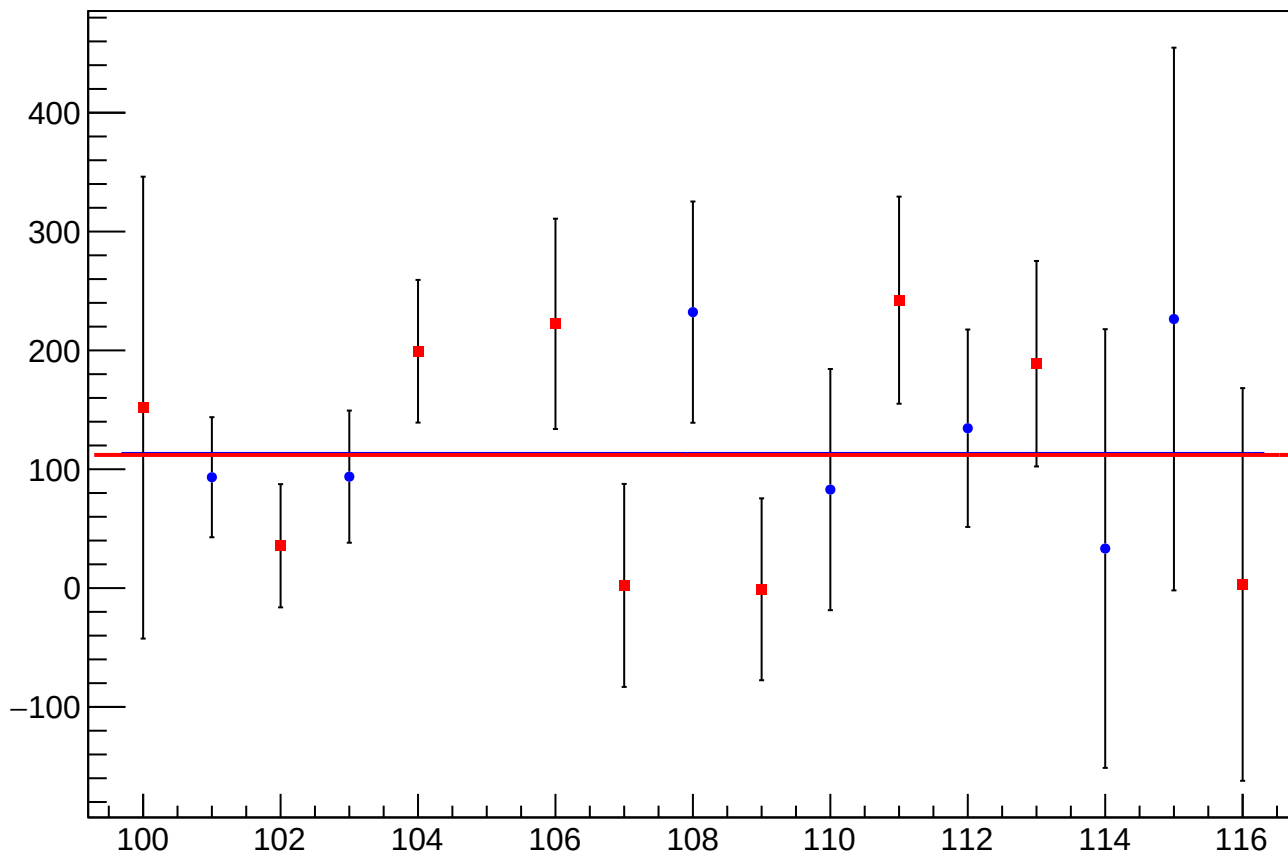
Right: 0.000+/-0.000 χ^2/NDF : 698942.8/15

In: 0.000+/-0.000 χ^2/NDF : 295547.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 698942.8/15

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 112.858 $\pm$ 29.862 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.037 $\pm$ 26.594 χ^2 /NDF: 13.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

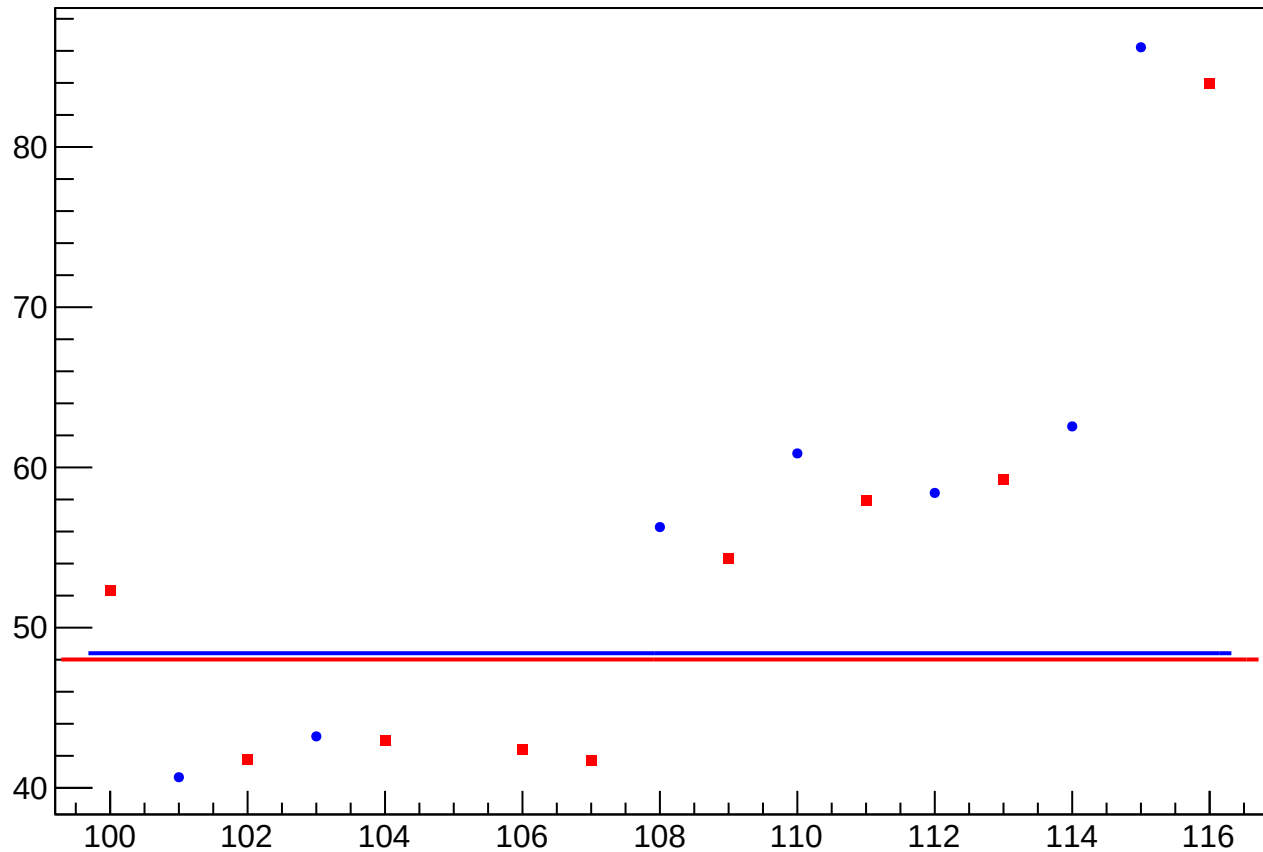
Right: 112.400 $\pm$ 19.860 χ^2 /NDF: 15.7/15

In: 112.858 $\pm$ 29.862 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.400 $\pm$ 19.860 χ^2 /NDF: 15.7/15

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 48.403+/-0.021 χ^2/NDF : 204560.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.012+/-0.019 χ^2/NDF : 231196.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

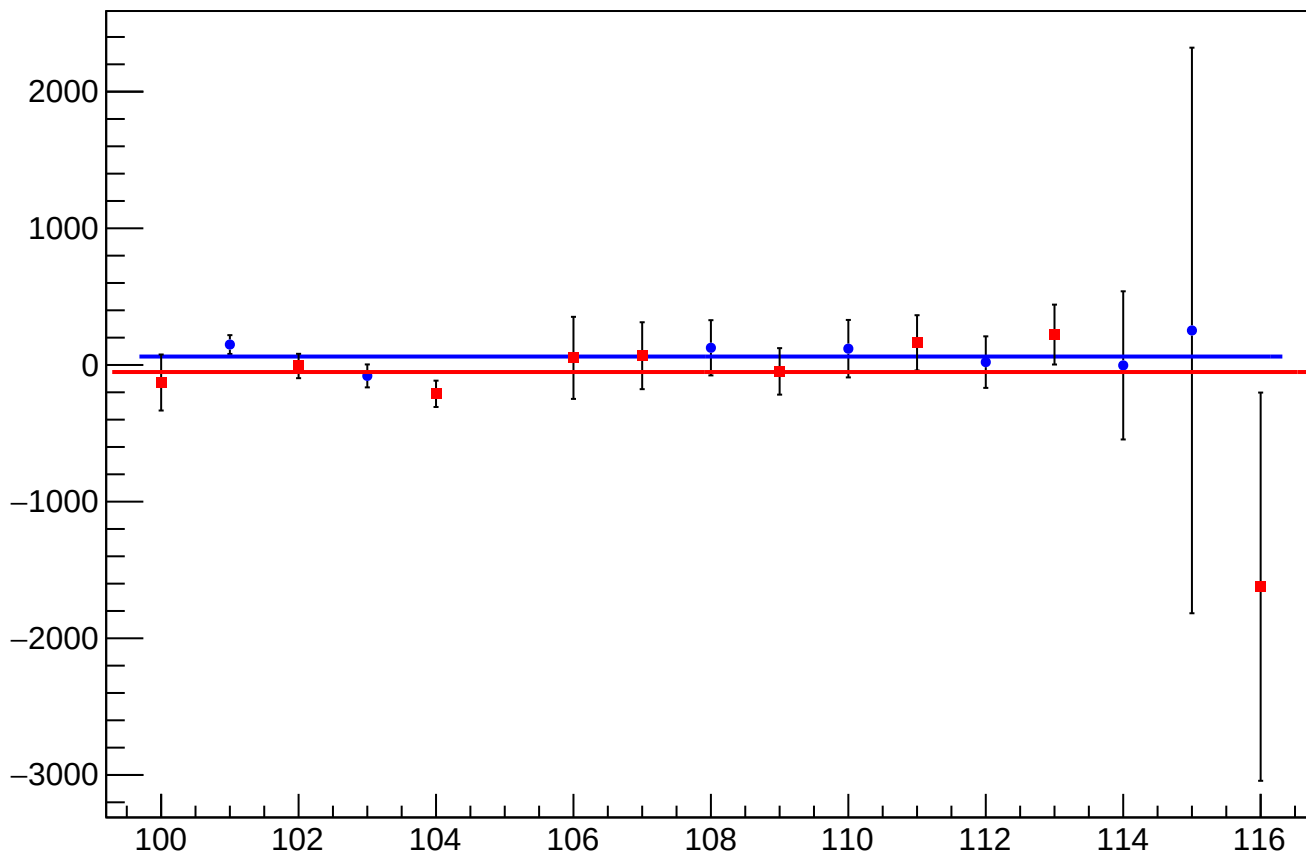
Right: 48.185+/-0.014 χ^2/NDF : 435948.1/15

In: 48.403+/-0.021 χ^2/NDF : 204560.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.185+/-0.014 χ^2/NDF : 435948.1/15

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 61.725+/-48.113 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.540+/-52.299 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

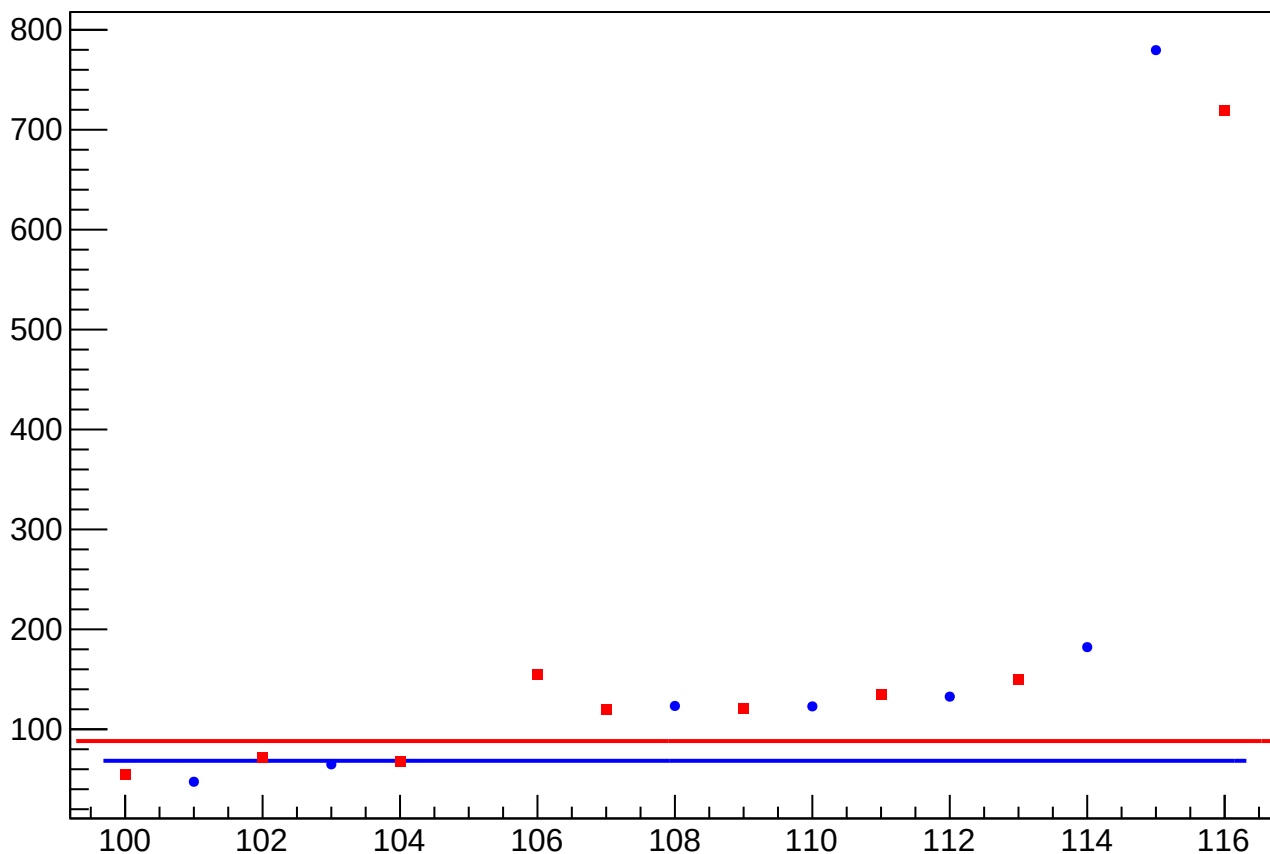
Right: 9.805+/-35.409 χ^2/NDF : 14.7/15

In: 61.725+/-48.113 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.805+/-35.409 χ^2/NDF : 14.7/15

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 68.451+/-0.034 χ^2/NDF : 1027427.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.207+/-0.037 χ^2/NDF : 1083581.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

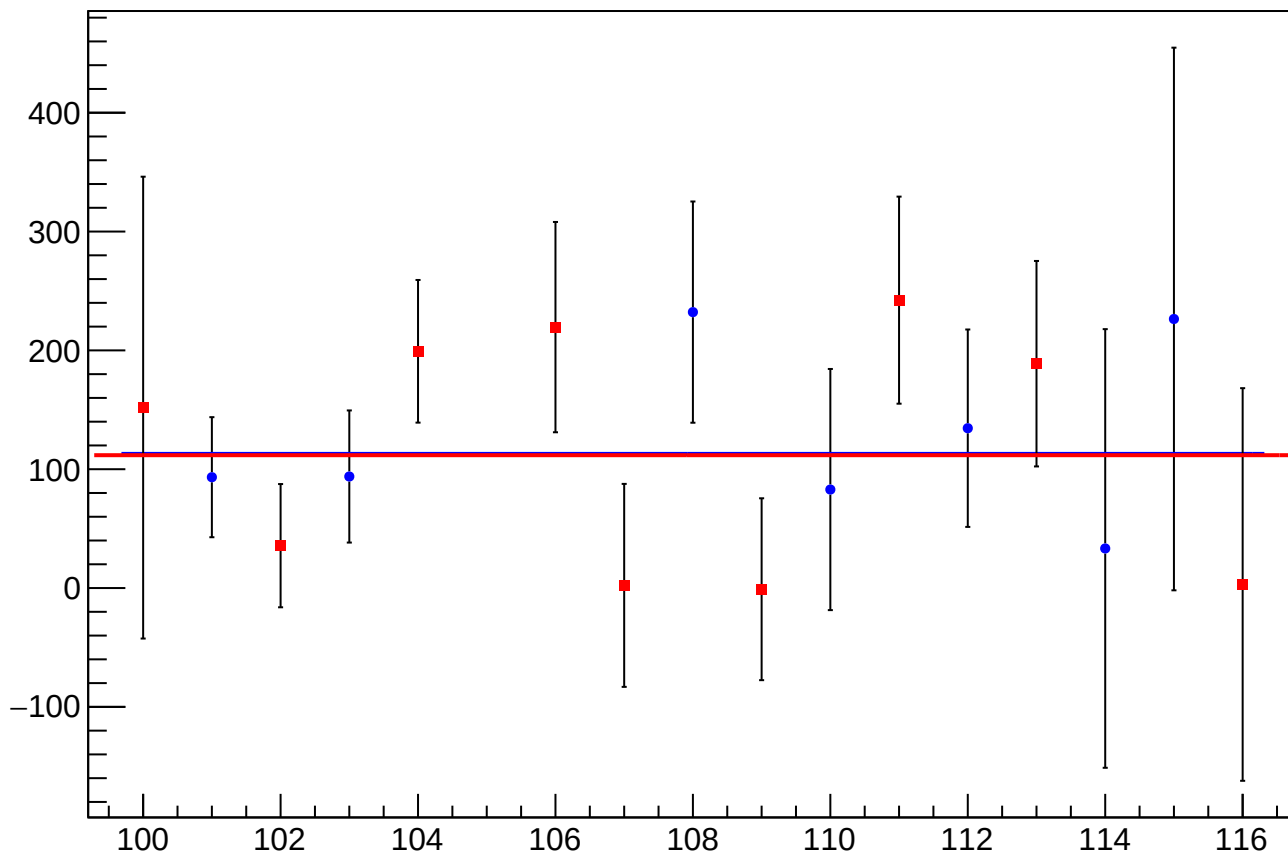
Right: 77.507+/-0.025 χ^2/NDF : 2265575.6/15

In: 68.451+/-0.034 χ^2/NDF : 1027427.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.507+/-0.025 χ^2/NDF : 2265575.6/15

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 112.885 $\pm$ 29.862 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.798 $\pm$ 26.597 χ^2 /NDF: 13.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

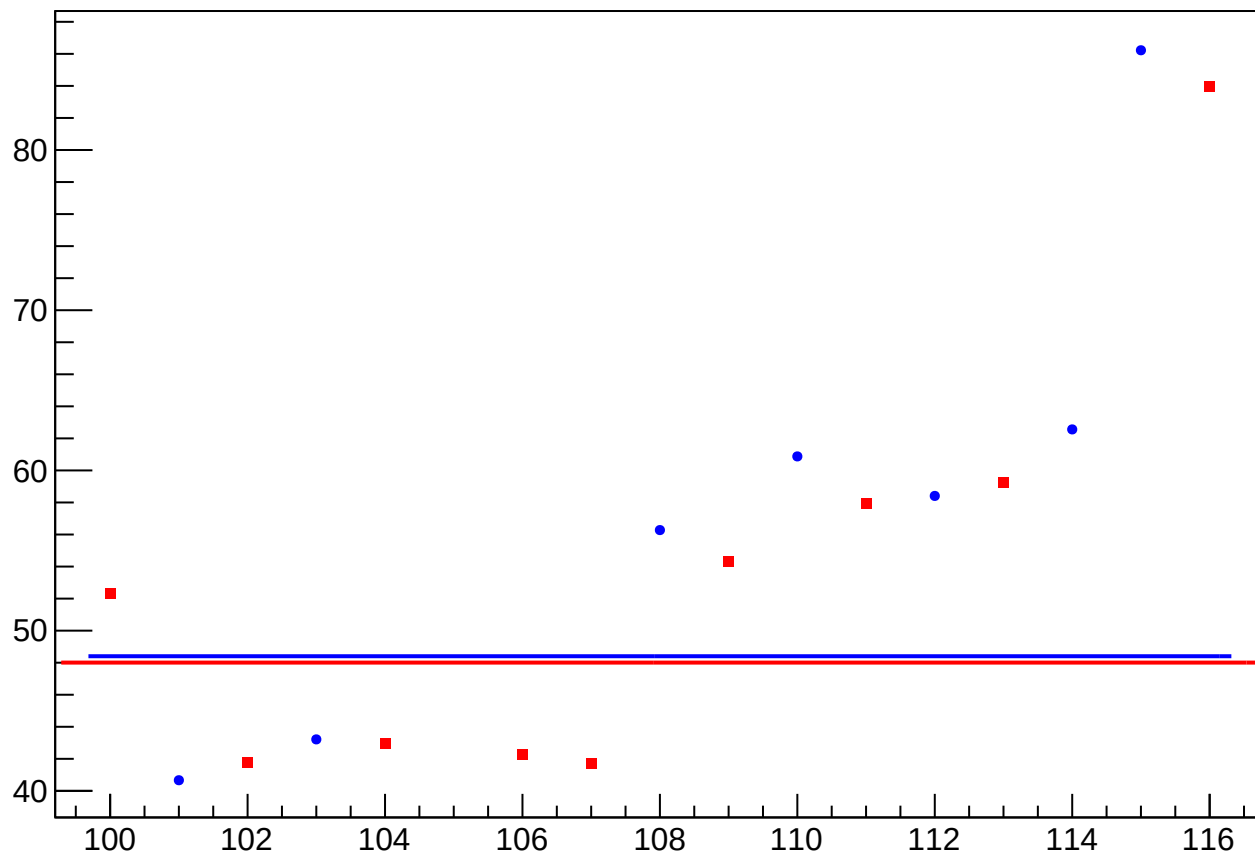
Right: 112.279 $\pm$ 19.861 χ^2 /NDF: 15.6/15

In: 112.885 $\pm$ 29.862 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.279 $\pm$ 19.861 χ^2 /NDF: 15.6/15

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 48.403+/-0.021 χ^2/NDF : 204559.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.007+/-0.019 χ^2/NDF : 231375.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

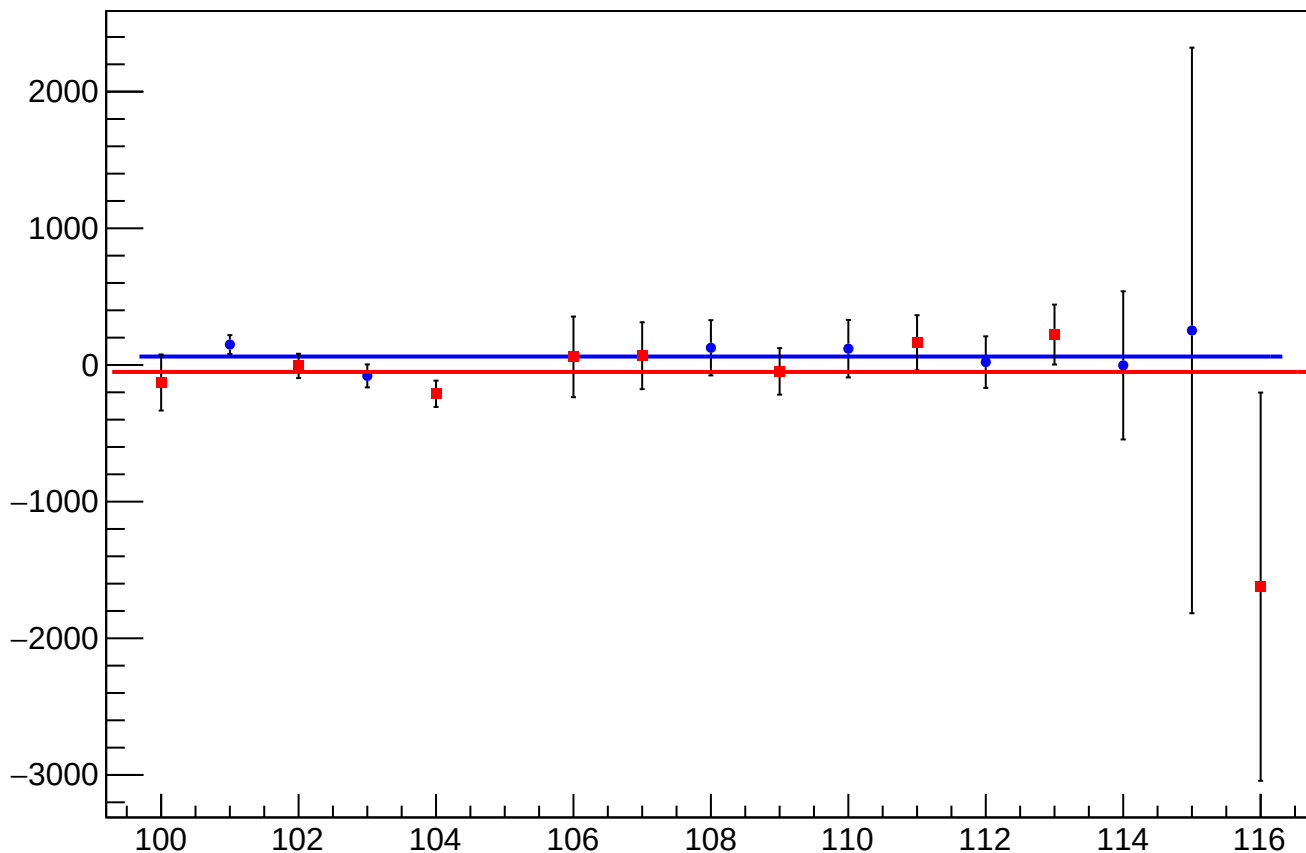
Right: 48.182+/-0.014 χ^2/NDF : 436132.3/15

In: 48.403+/-0.021 χ^2/NDF : 204559.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.182+/-0.014 χ^2/NDF : 436132.3/15

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.729+/-48.112 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.016+/-52.251 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

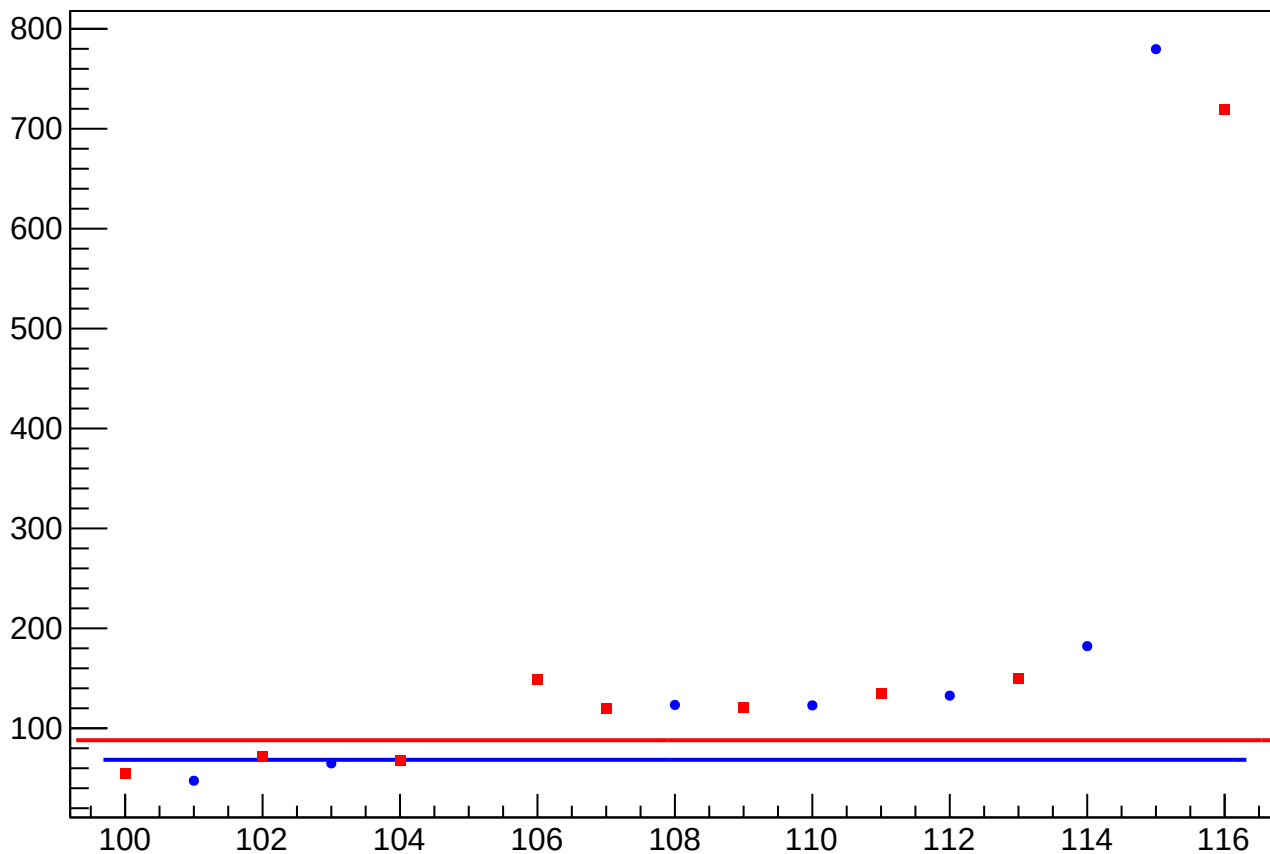
Right: 9.997+/-35.393 χ^2/NDF : 14.7/15

In: 61.729+/-48.112 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.997+/-35.393 χ^2/NDF : 14.7/15

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 68.450+/-0.034 χ^2/NDF : 1027434.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.051+/-0.037 χ^2/NDF : 1070451.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

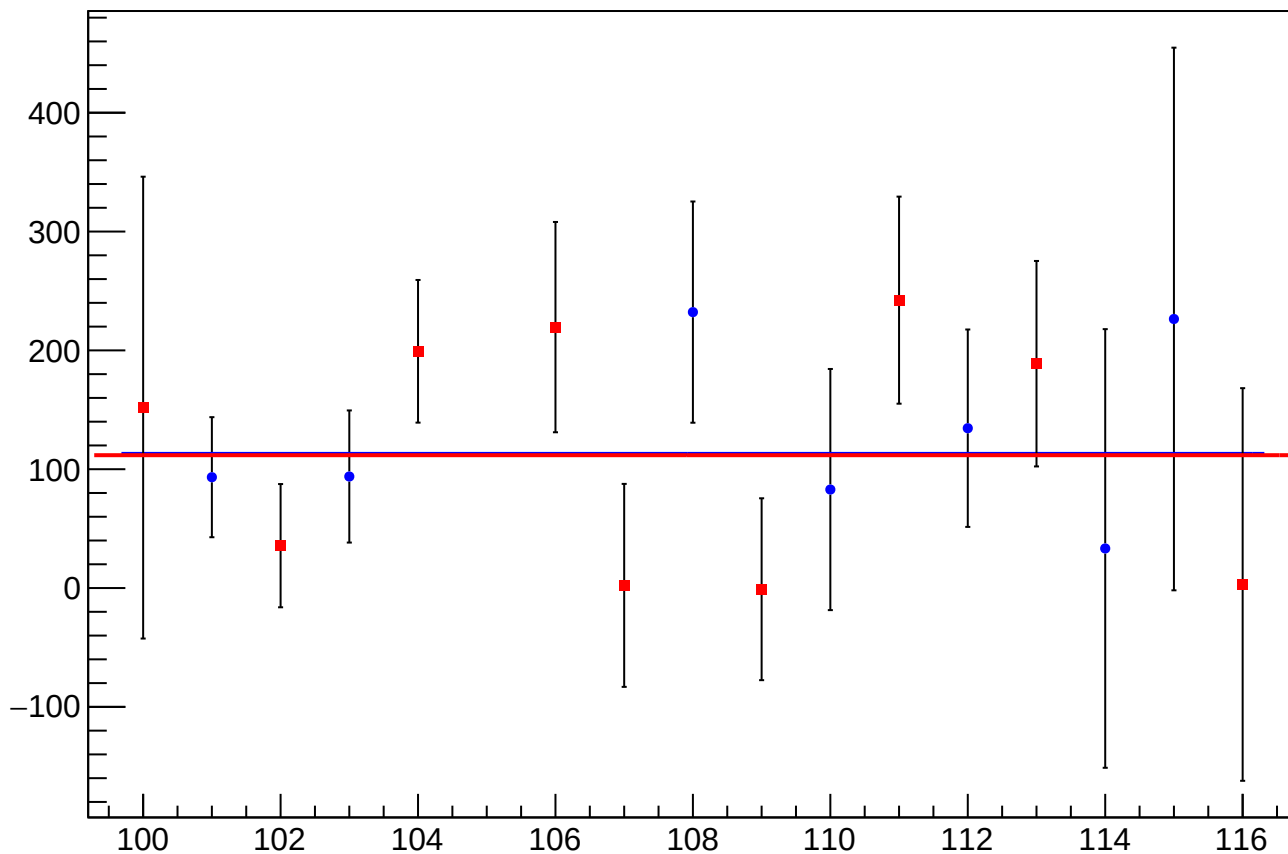
Right: 77.443+/-0.025 χ^2/NDF : 2250203.4/15

In: 68.450+/-0.034 χ^2/NDF : 1027434.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.443+/-0.025 χ^2/NDF : 2250203.4/15

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 112.885 $\pm$ 29.862 χ^2 /NDF: 2.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.798 $\pm$ 26.597 χ^2 /NDF: 13.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

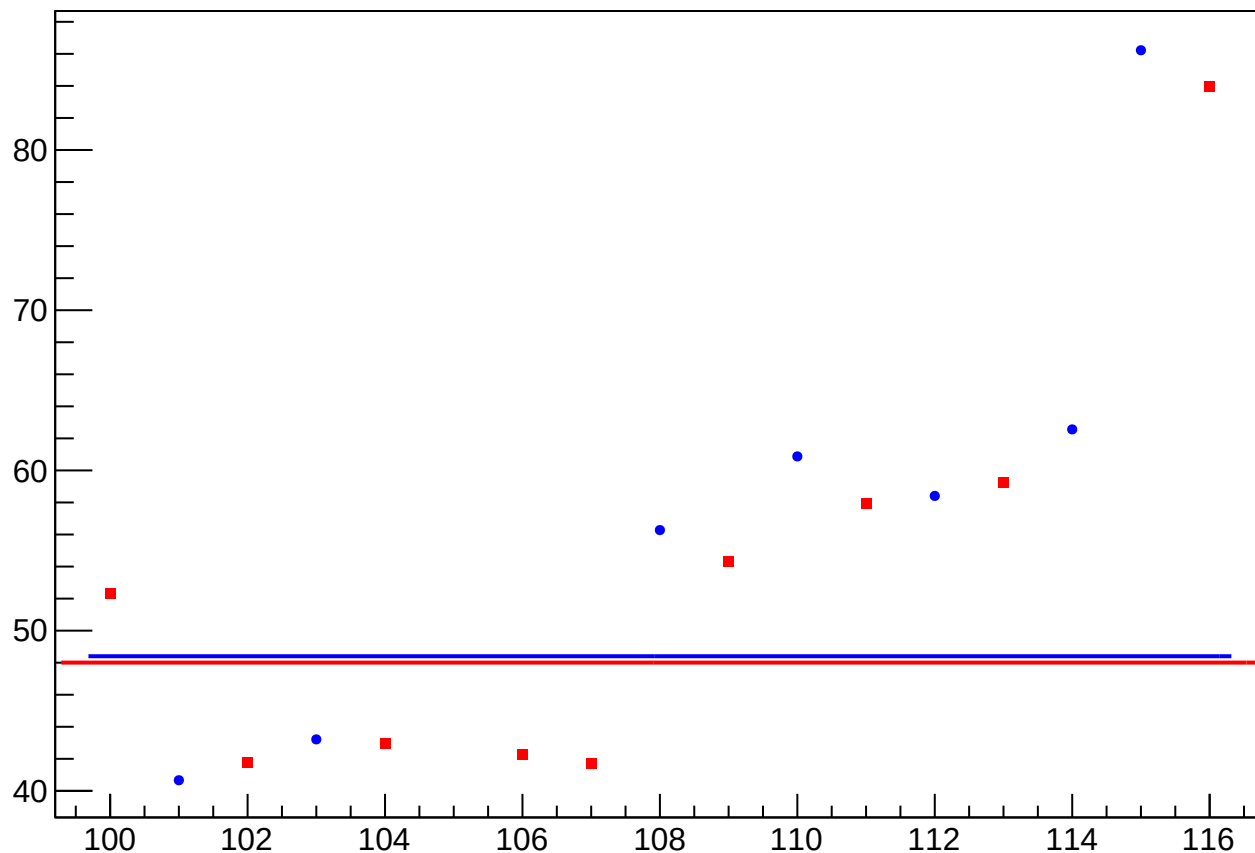
Right: 112.279 $\pm$ 19.861 χ^2 /NDF: 15.6/15

In: 112.885 $\pm$ 29.862 χ^2 /NDF:2.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.279 $\pm$ 19.861 χ^2 /NDF: 15.6/15

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 48.403+/-0.021 χ^2/NDF : 204559.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.007+/-0.019 χ^2/NDF : 231375.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

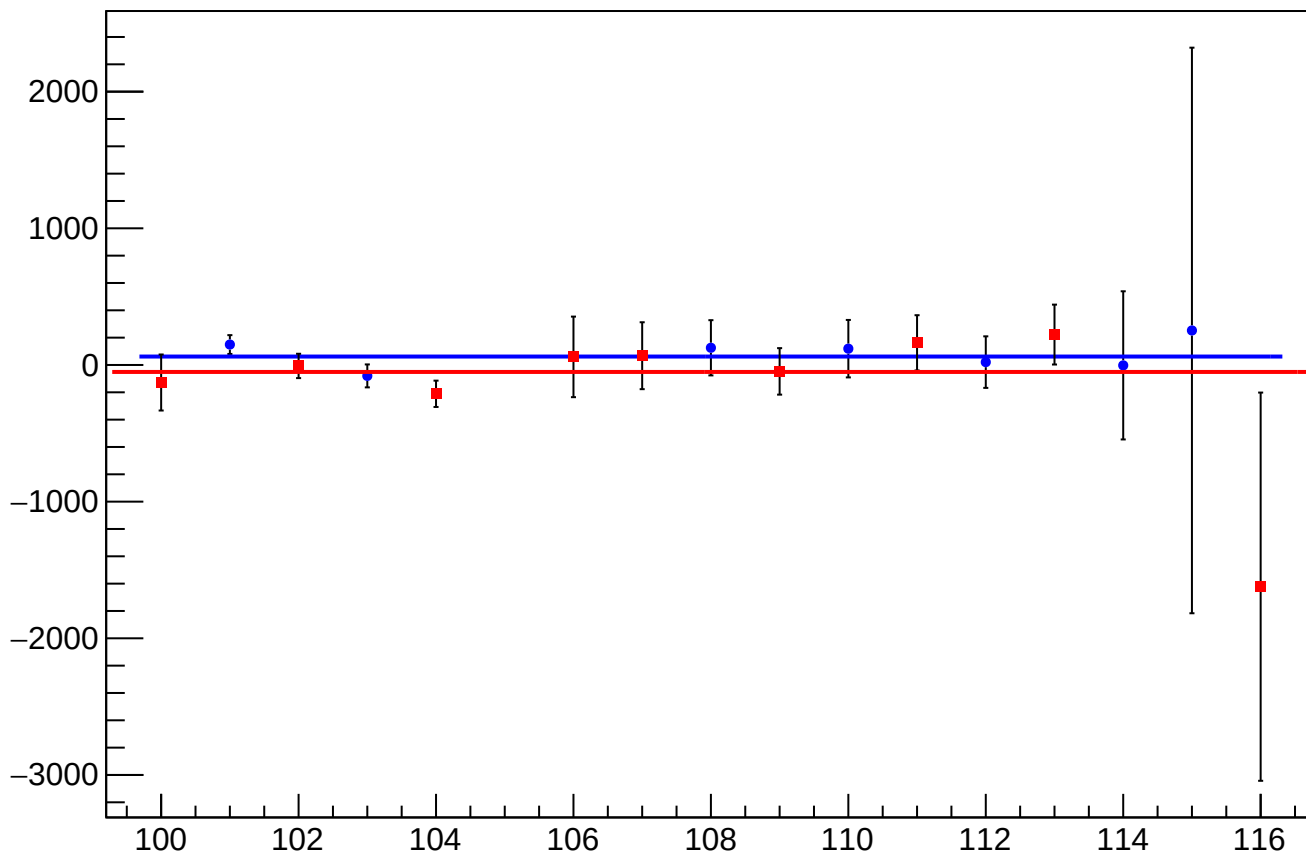
Right: 48.182+/-0.014 χ^2/NDF : 436132.3/15

In: 48.403+/-0.021 χ^2/NDF : 204559.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.182+/-0.014 χ^2/NDF : 436132.3/15

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.729+/-48.112 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.016+/-52.251 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

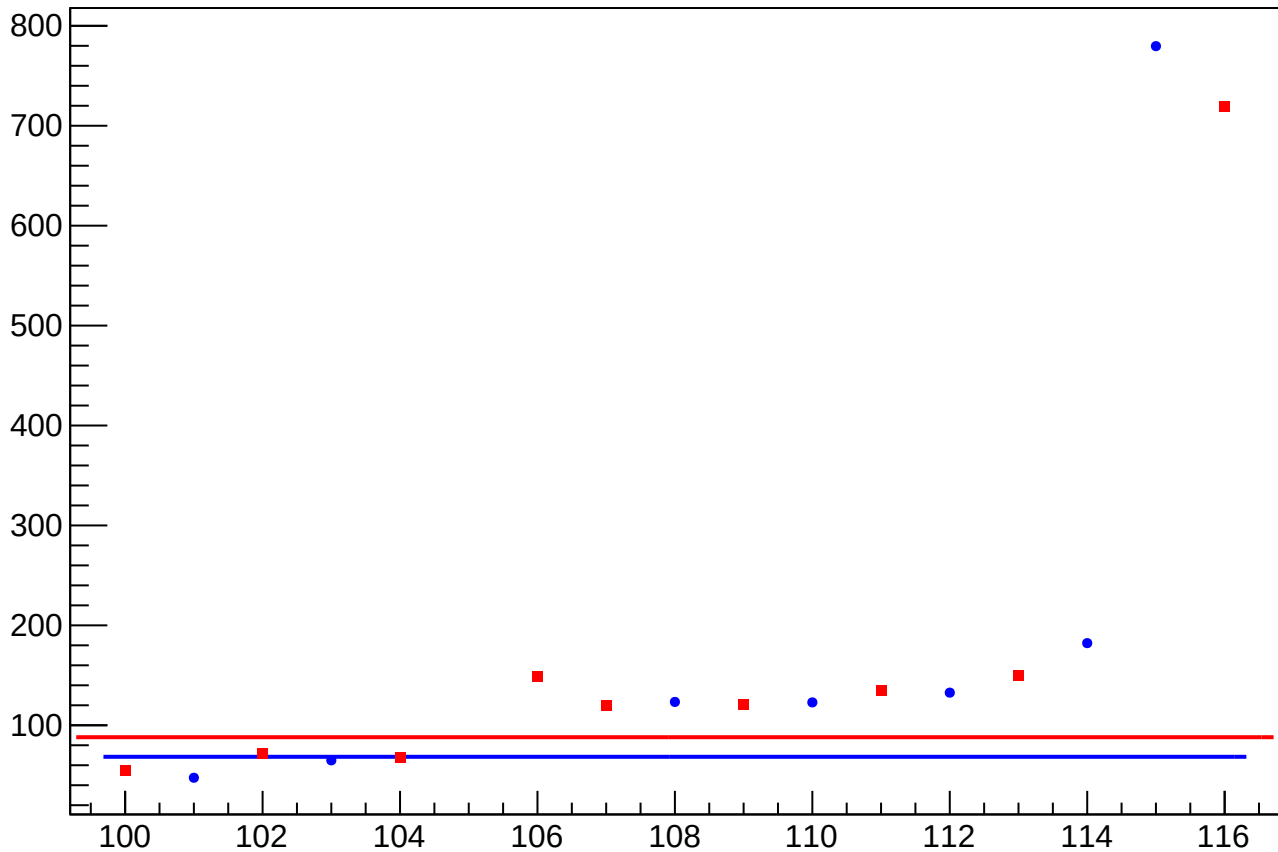
Right: 9.997+/-35.393 χ^2/NDF : 14.7/15

In: 61.729+/-48.112 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.997+/-35.393 χ^2/NDF : 14.7/15

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 68.450+/-0.034 χ^2/NDF : 1027434.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.051+/-0.037 χ^2/NDF : 1070451.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

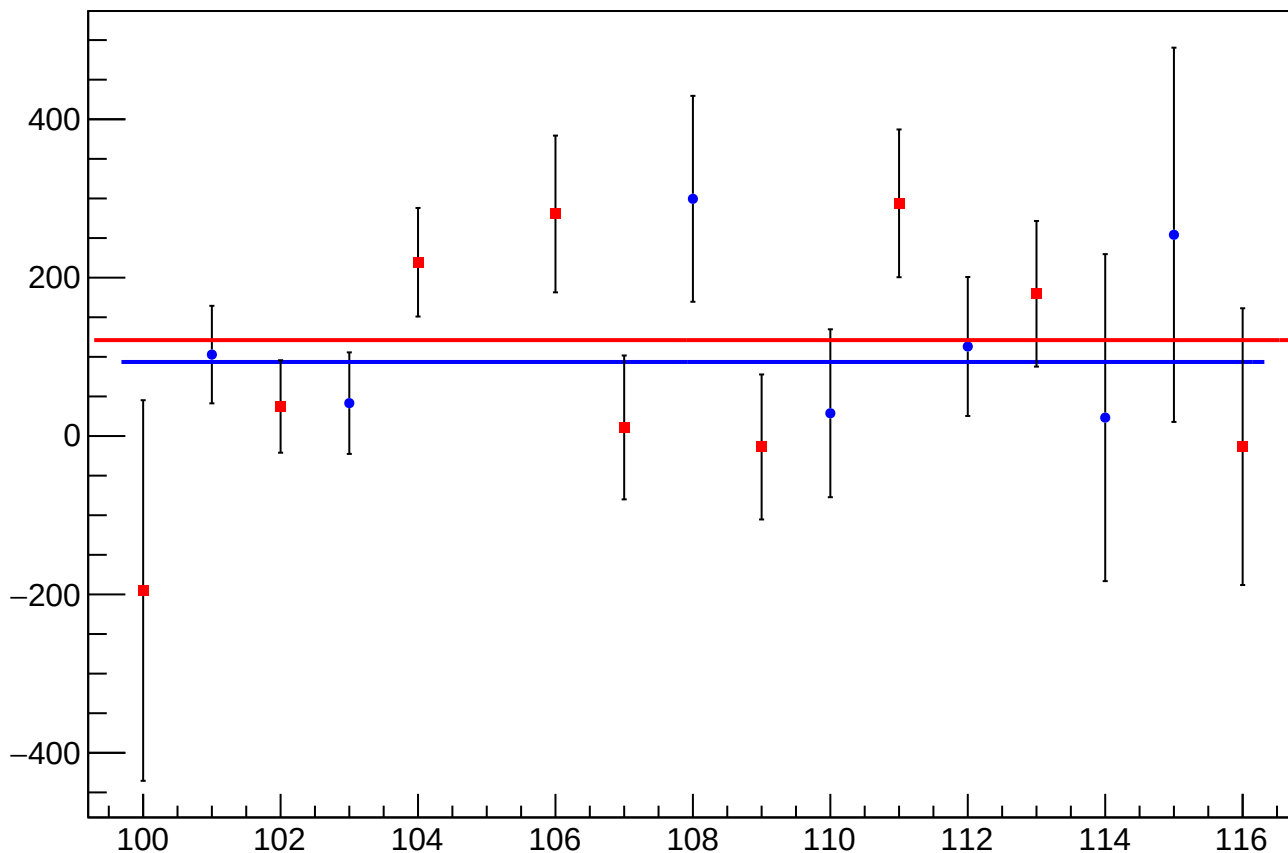
Right: 77.443+/-0.025 χ^2/NDF : 2250203.4/15

In: 68.450+/-0.034 χ^2/NDF : 1027434.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.443+/-0.025 χ^2/NDF : 2250203.4/15

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.529+/-34.780 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.129+/-29.724 χ^2/NDF : 16.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

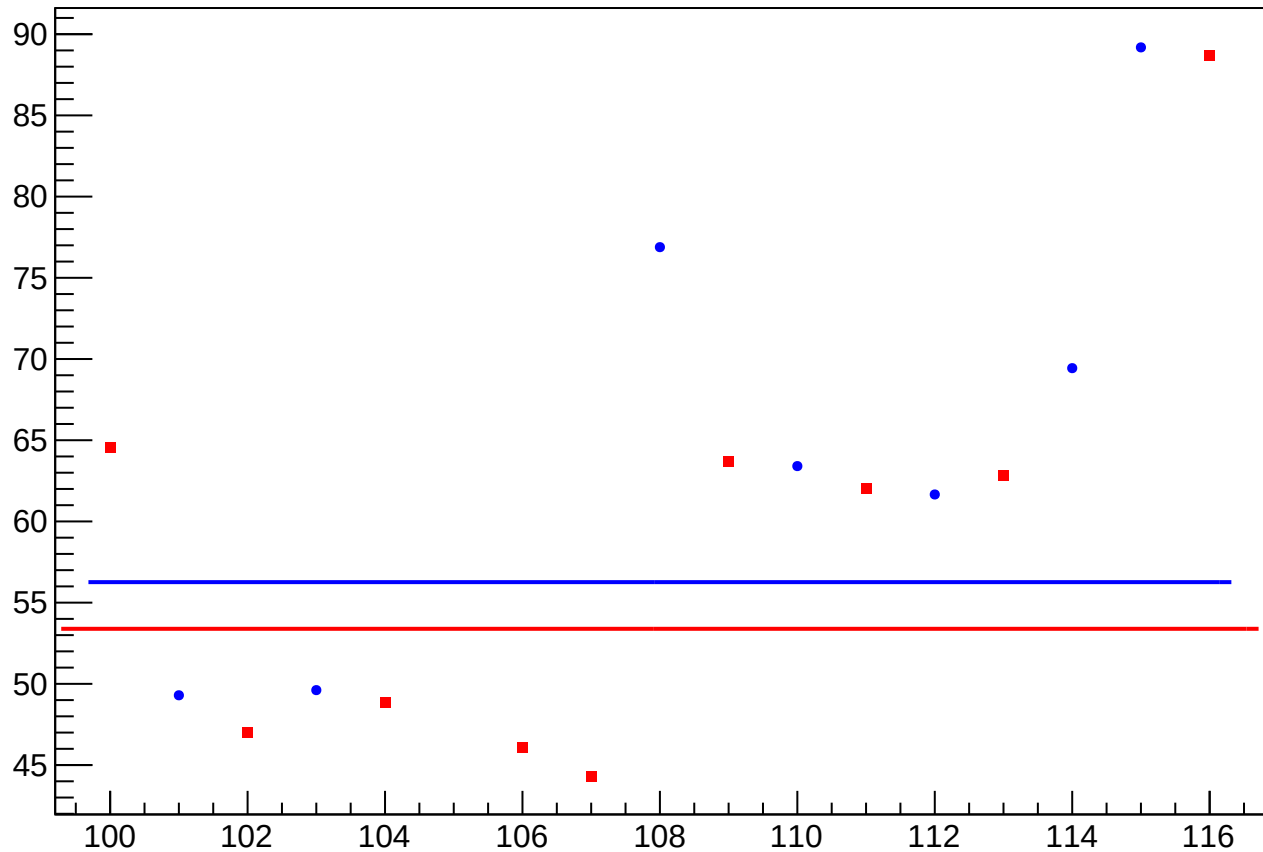
Right: 109.479+/-22.596 χ^2/NDF : 21.1/15

In: 93.529+/-34.780 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.479+/-22.596 χ^2/NDF : 21.1/15

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 56.262 $\pm$ 0.025 χ^2 /NDF: 161096.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.389 $\pm$ 0.021 χ^2 /NDF: 213356.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

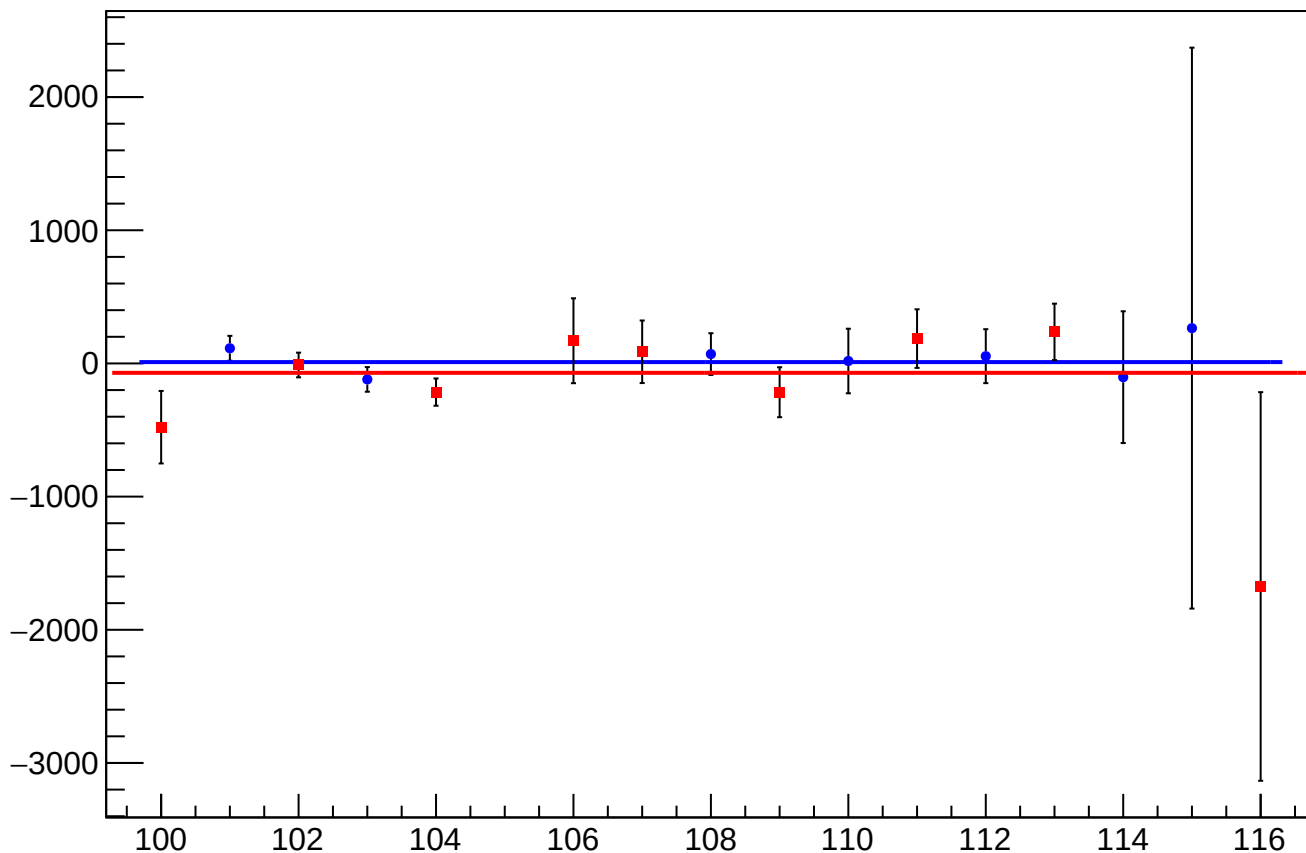
Right: 54.602 $\pm$ 0.016 χ^2 /NDF: 382341.5/15

In: 56.262 $\pm$ 0.025 χ^2 /NDF:161096.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.602 $\pm$ 0.016 χ^2 /NDF: 382341.5/15

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 10.155+/-56.042 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.572+/-55.489 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

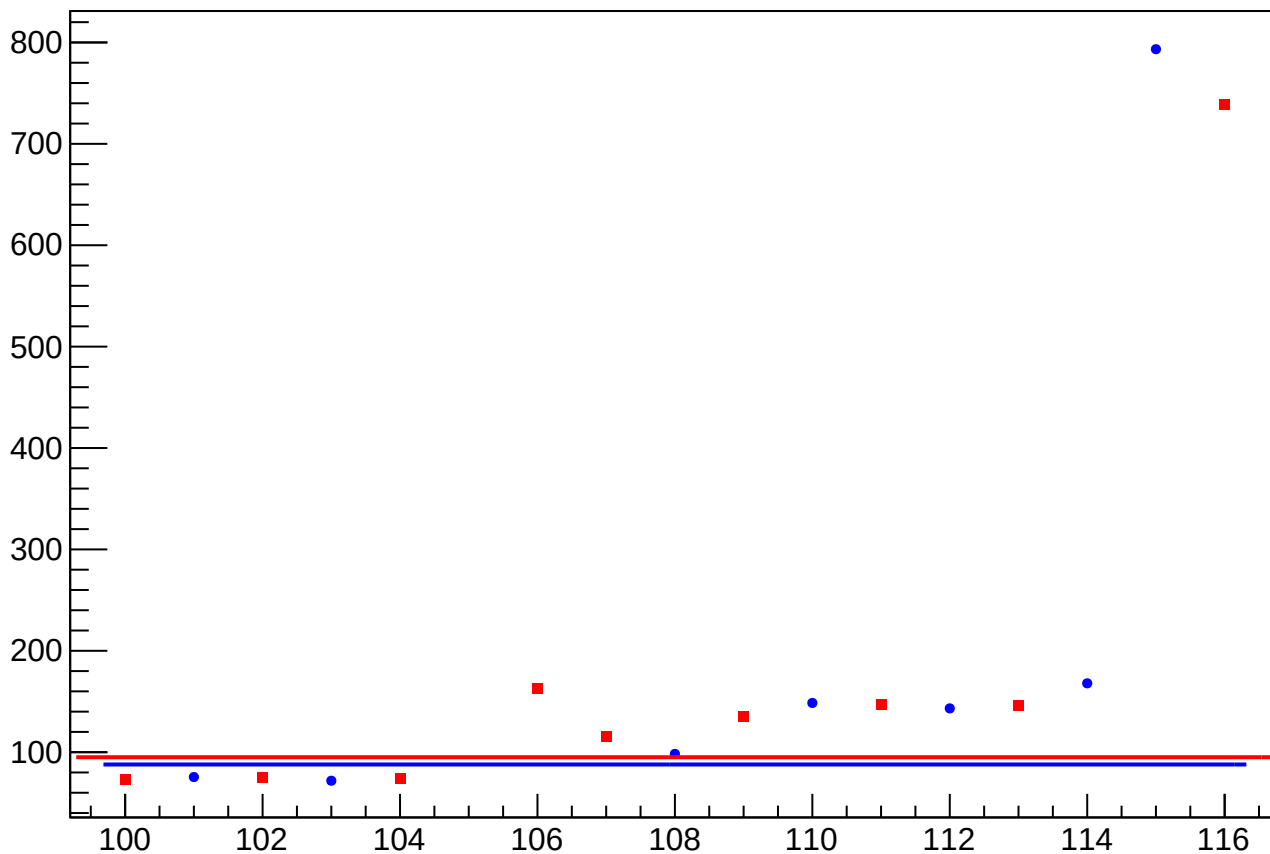
Right: -30.610+/-39.431 χ^2/NDF : 15.5/15

In: 10.155+/-56.042 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.610+/-39.431 χ^2/NDF : 15.5/15

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 87.867+/-0.040 χ^2/NDF : 655557.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.037+/-0.039 χ^2/NDF : 1010670.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

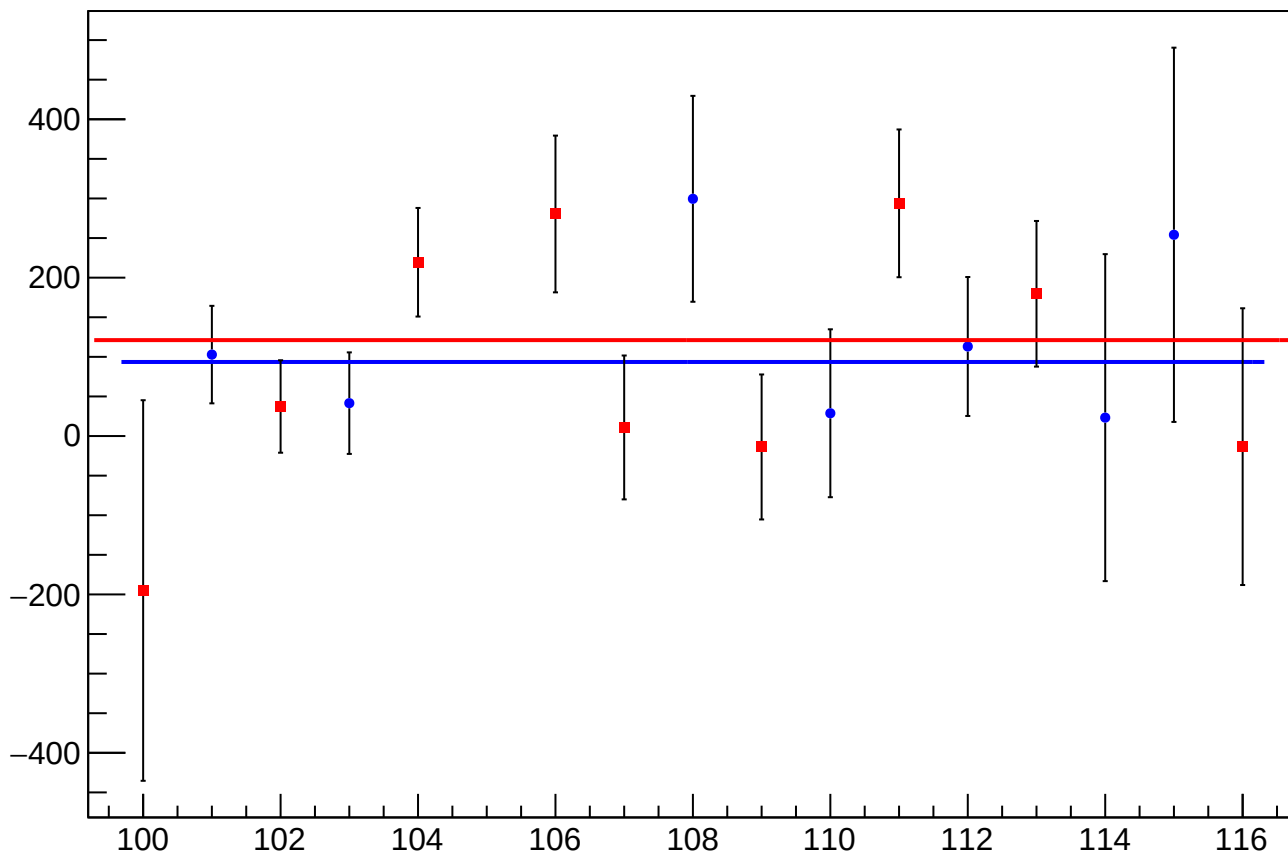
Right: 91.487+/-0.028 χ^2/NDF : 1682757.6/15

In: 87.867+/-0.040 χ^2/NDF : 655557.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.487+/-0.028 χ^2/NDF : 1682757.6/15

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.529+/-34.780 χ^2/NDF : 4.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.129+/-29.724 χ^2/NDF : 16.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

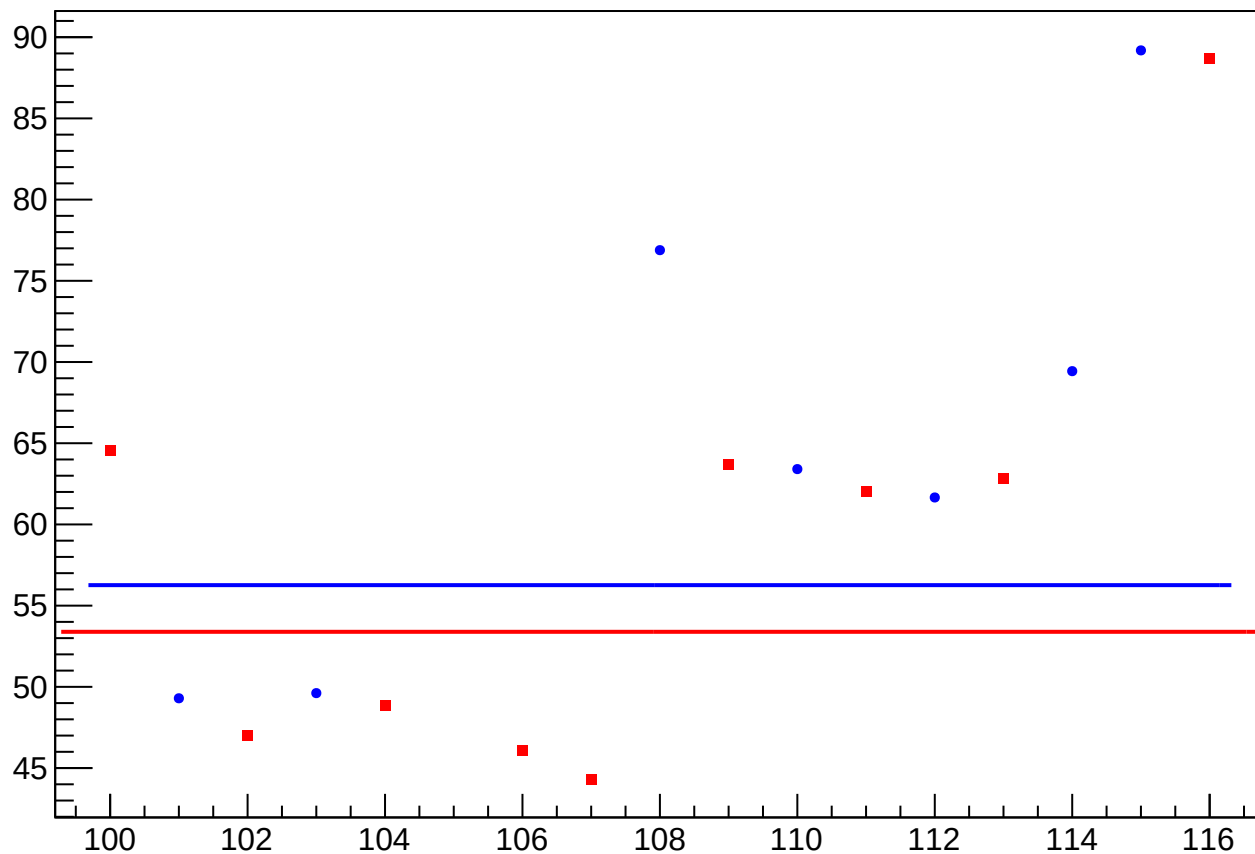
Right: 109.479+/-22.596 χ^2/NDF : 21.1/15

In: 93.529+/-34.780 χ^2/NDF : 4.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.479+/-22.596 χ^2/NDF : 21.1/15

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 56.262 $\pm$ 0.025 χ^2 /NDF: 161097.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.389 $\pm$ 0.021 χ^2 /NDF: 213357.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

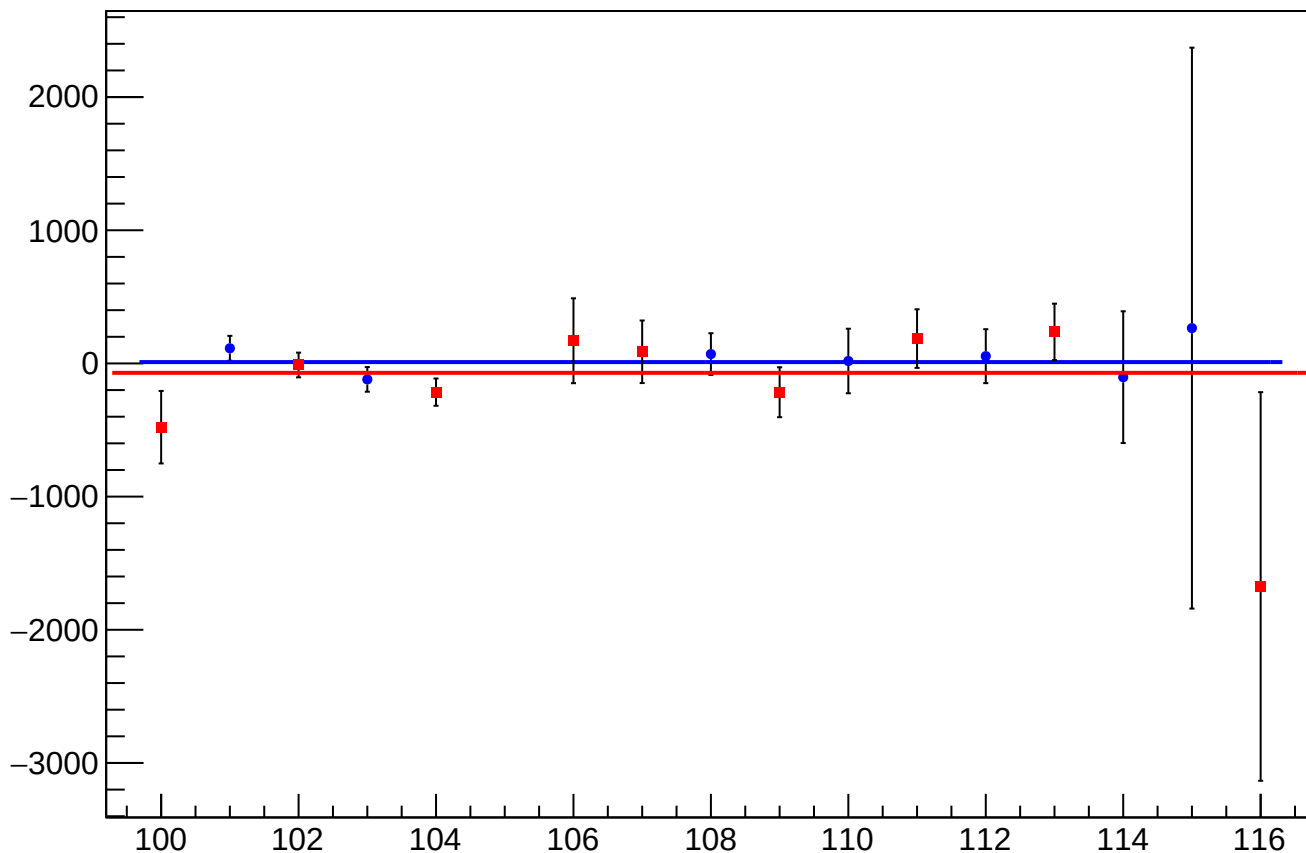
Right: 54.602 $\pm$ 0.016 χ^2 /NDF: 382342.8/15

In: 56.262 $\pm$ 0.025 χ^2 /NDF:161097.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.602 $\pm$ 0.016 χ^2 /NDF: 382342.8/15

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 10.154+/-56.042 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.572+/-55.488 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

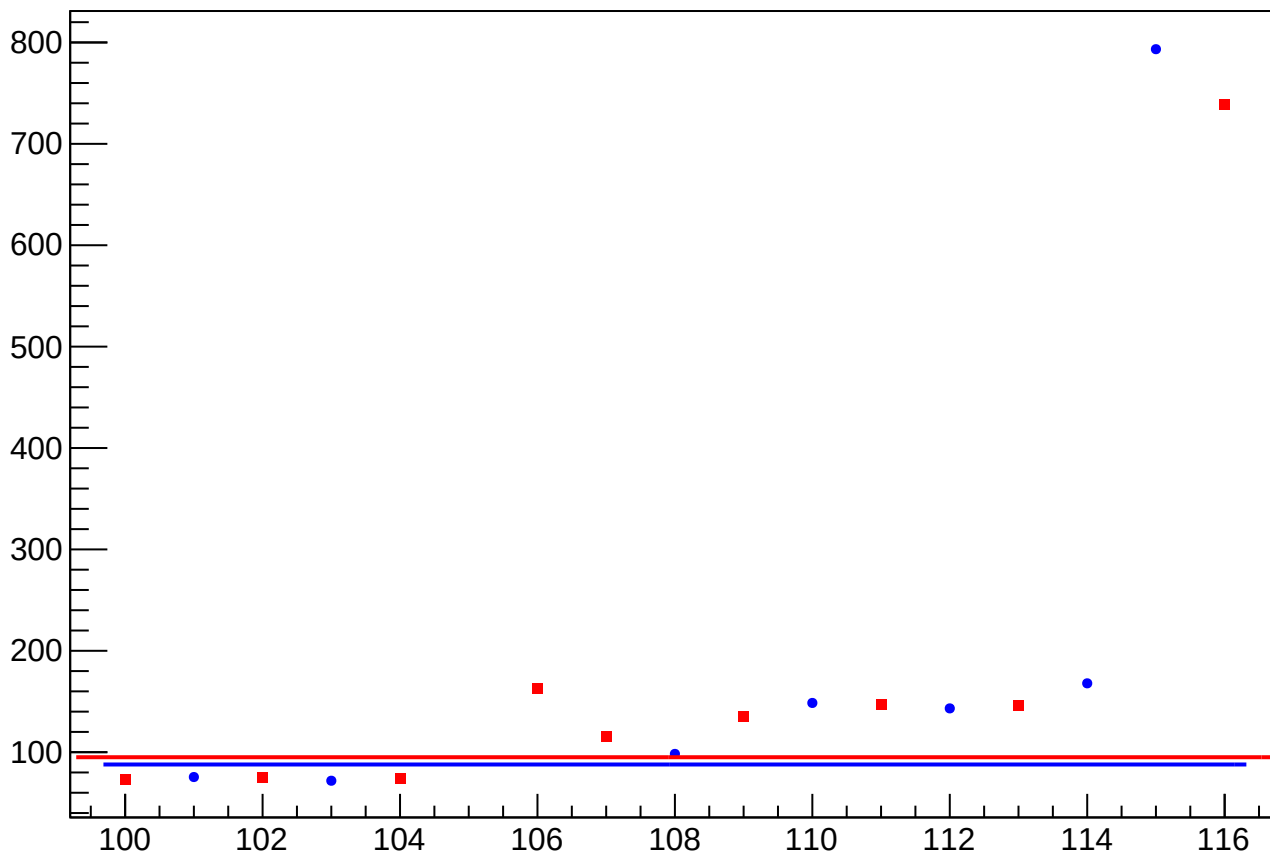
Right: -30.610+/-39.431 χ^2/NDF : 15.5/15

In: 10.154+/-56.042 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.610+/-39.431 χ^2/NDF : 15.5/15

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 87.867+/-0.040 χ^2/NDF : 655559.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.036+/-0.039 χ^2/NDF : 1010676.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

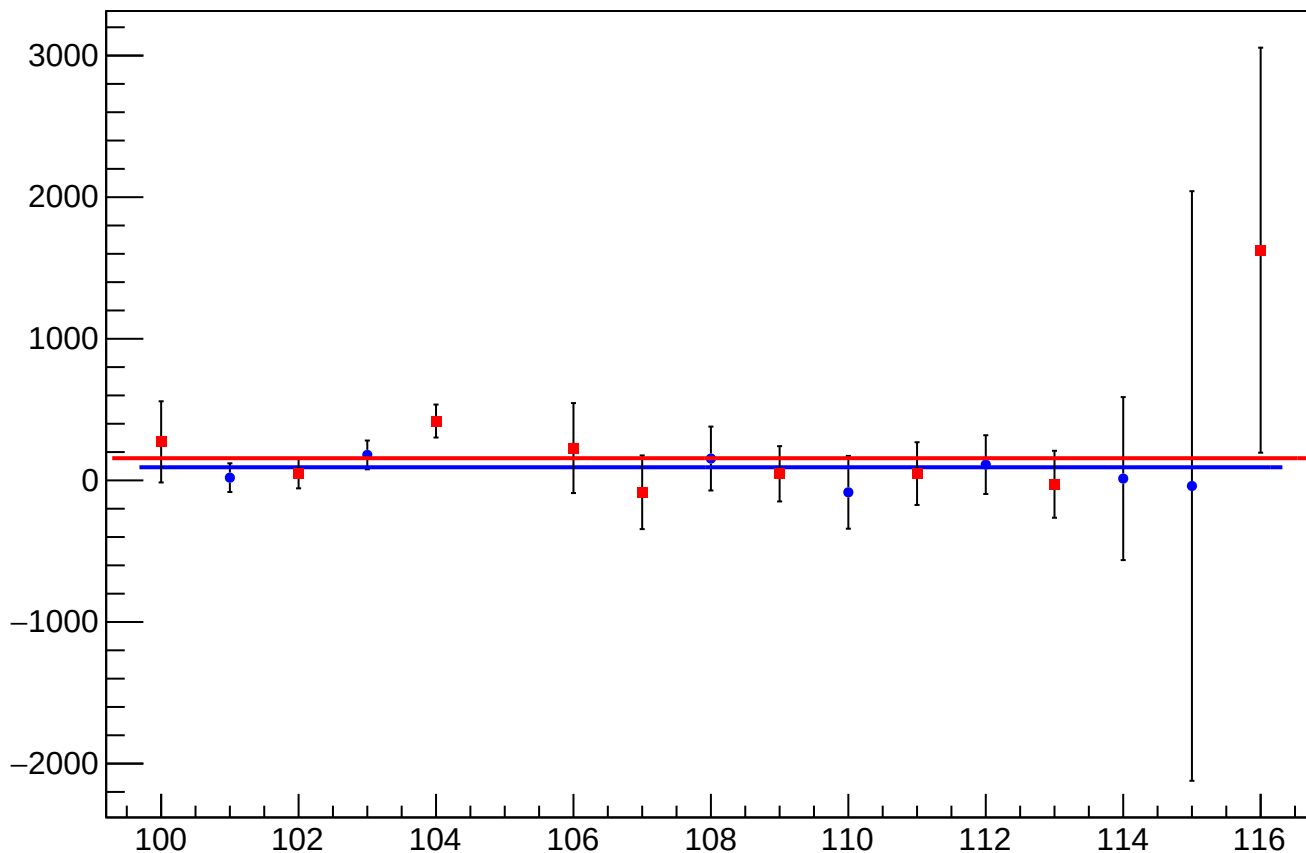
Right: 91.487+/-0.028 χ^2/NDF : 1682765.4/15

In: 87.867+/-0.040 χ^2/NDF : 655559.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.487+/-0.028 χ^2/NDF : 1682765.4/15

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 92.678+/-62.556 χ^2/NDF : 1.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.730+/-60.974 χ^2/NDF : 9.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

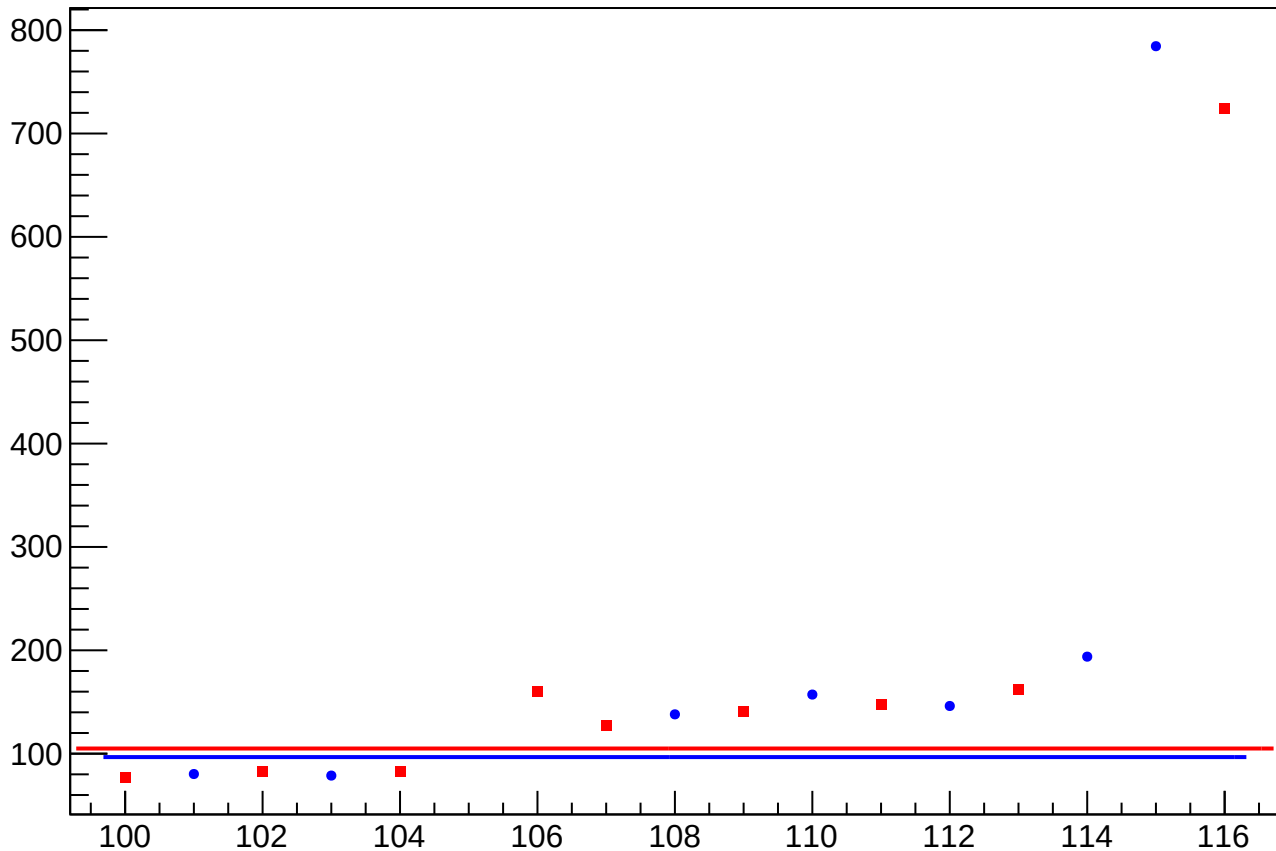
Right: 125.524+/-43.663 χ^2/NDF : 11.9/15

In: 92.678+/-62.556 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.524+/-43.663 χ^2/NDF : 11.9/15

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 96.696+/-0.044 χ^2/NDF : 681185.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.990+/-0.043 χ^2/NDF : 890513.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

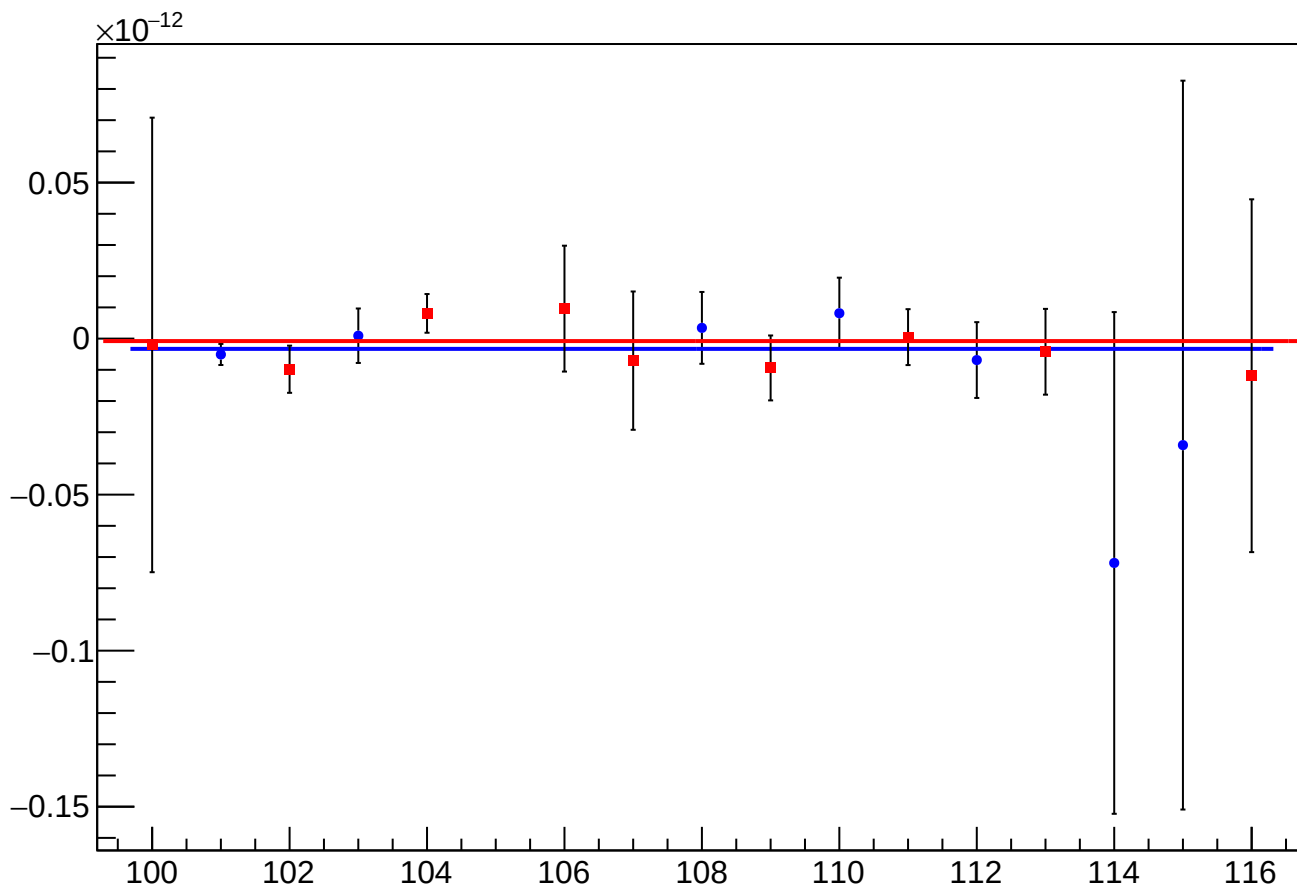
Right: 100.949+/-0.031 χ^2/NDF : 1589726.8/15

In: 96.696+/-0.044 χ^2/NDF : 681185.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.949+/-0.031 χ^2/NDF : 1589726.8/15

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

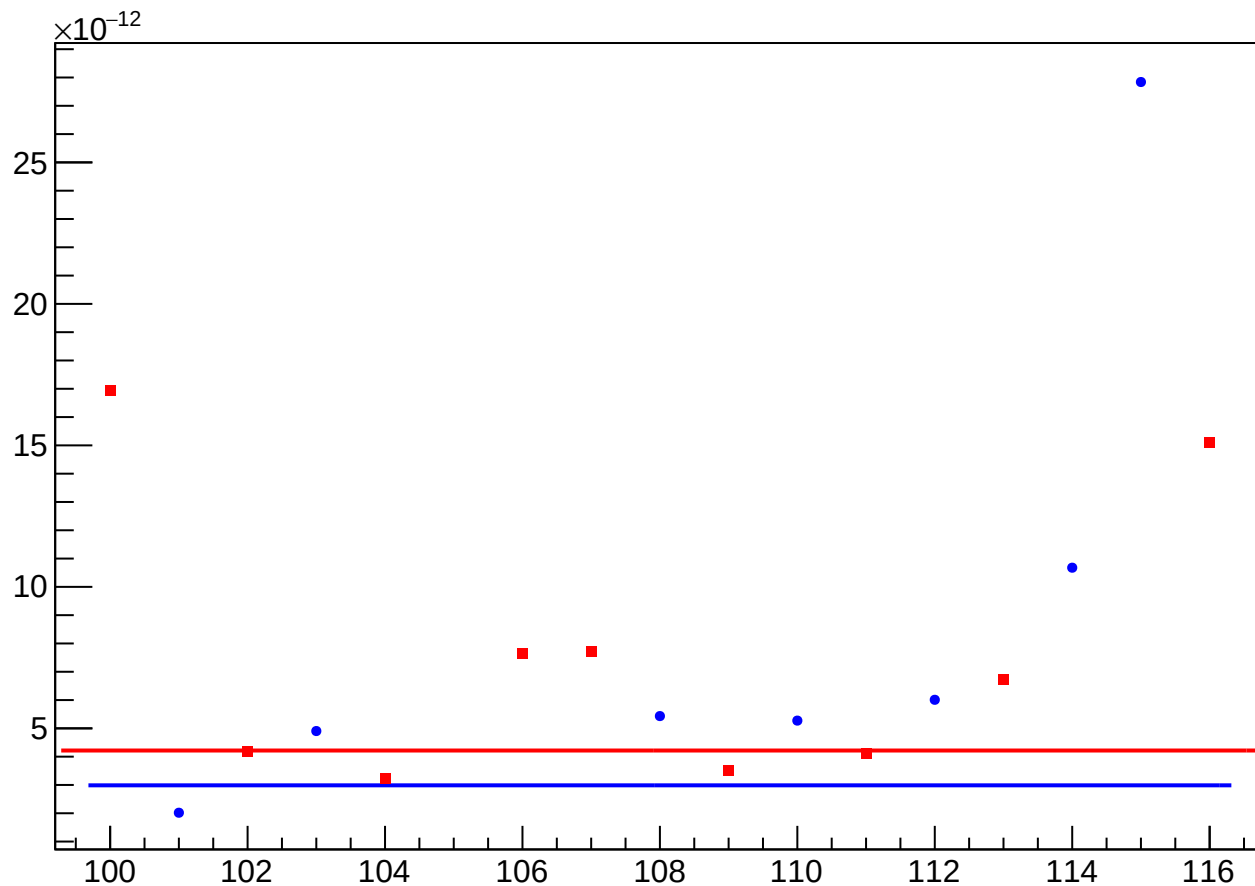
Right: -0.000+/-0.000 χ^2 /NDF: 7.7/15

In: -0.000+/-0.000 χ^2 /NDF:2.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.7/15

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 664522.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 370462.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

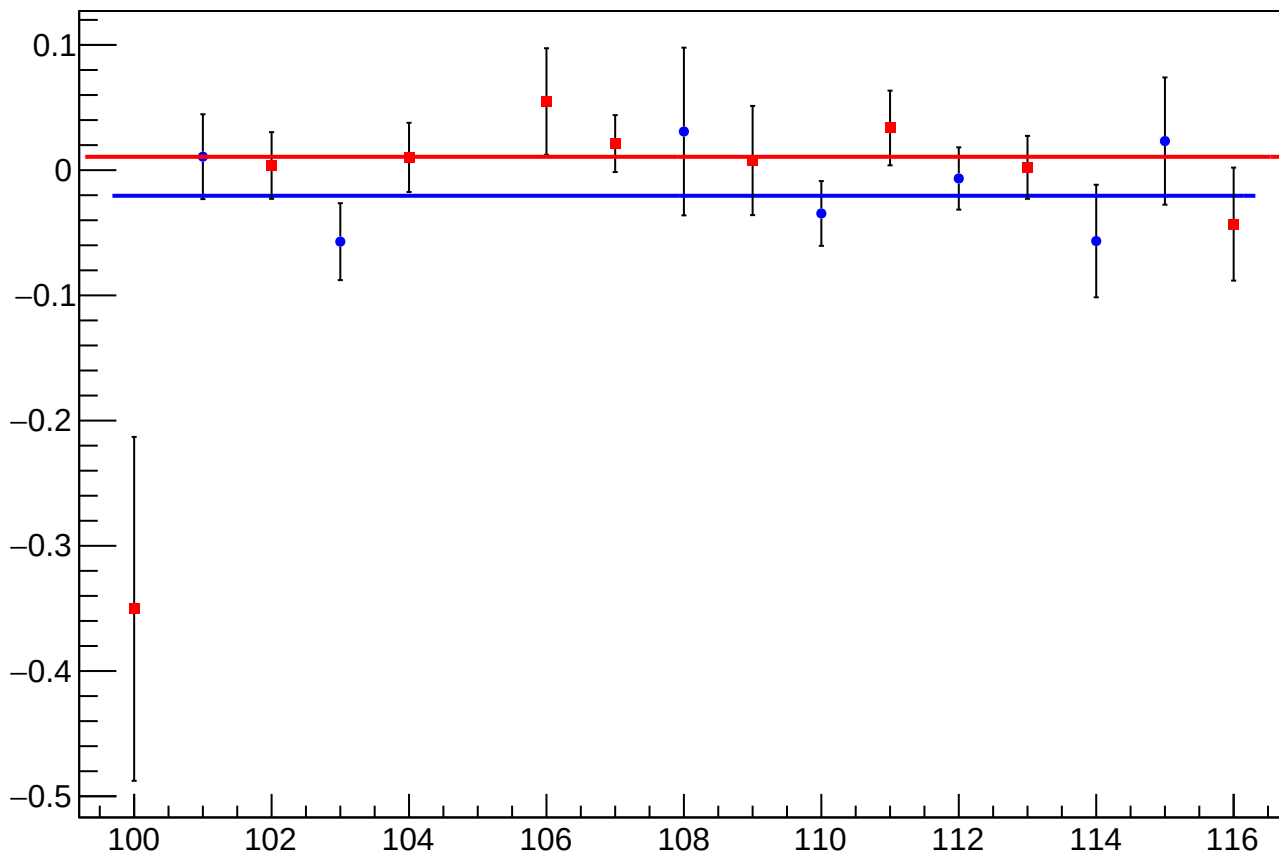
Right: 0.000+/-0.000 χ^2/NDF : 1176576.0/15

In: 0.000+/-0.000 χ^2/NDF : 664522.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1176576.0/15

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.013 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.011 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

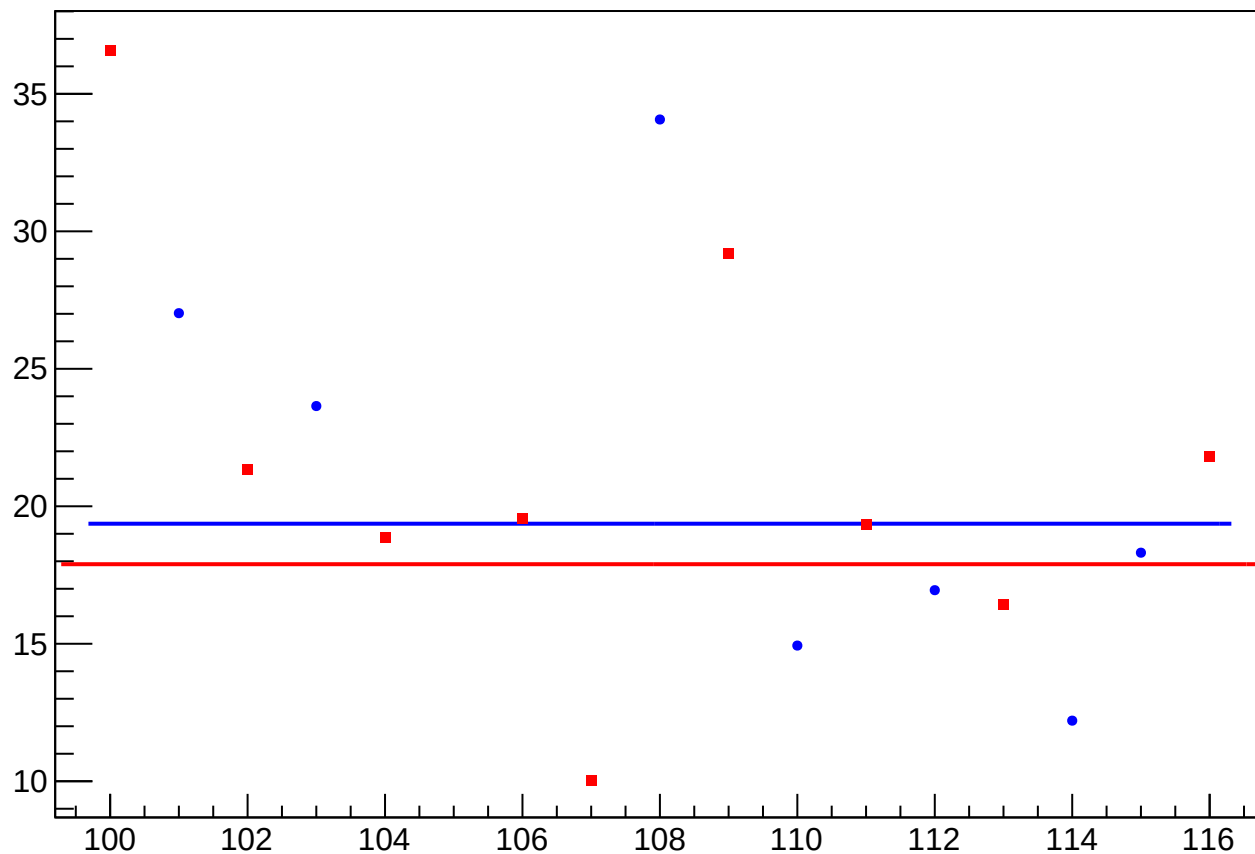
Right: -0.002+/-0.008 χ^2/NDF : 18.8/15

In: -0.020+/-0.013 χ^2/NDF :4.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.002+/-0.008 χ^2/NDF : 18.8/15

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.366+/-0.009 χ^2/NDF : 366662.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.894+/-0.007 χ^2/NDF : 475853.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

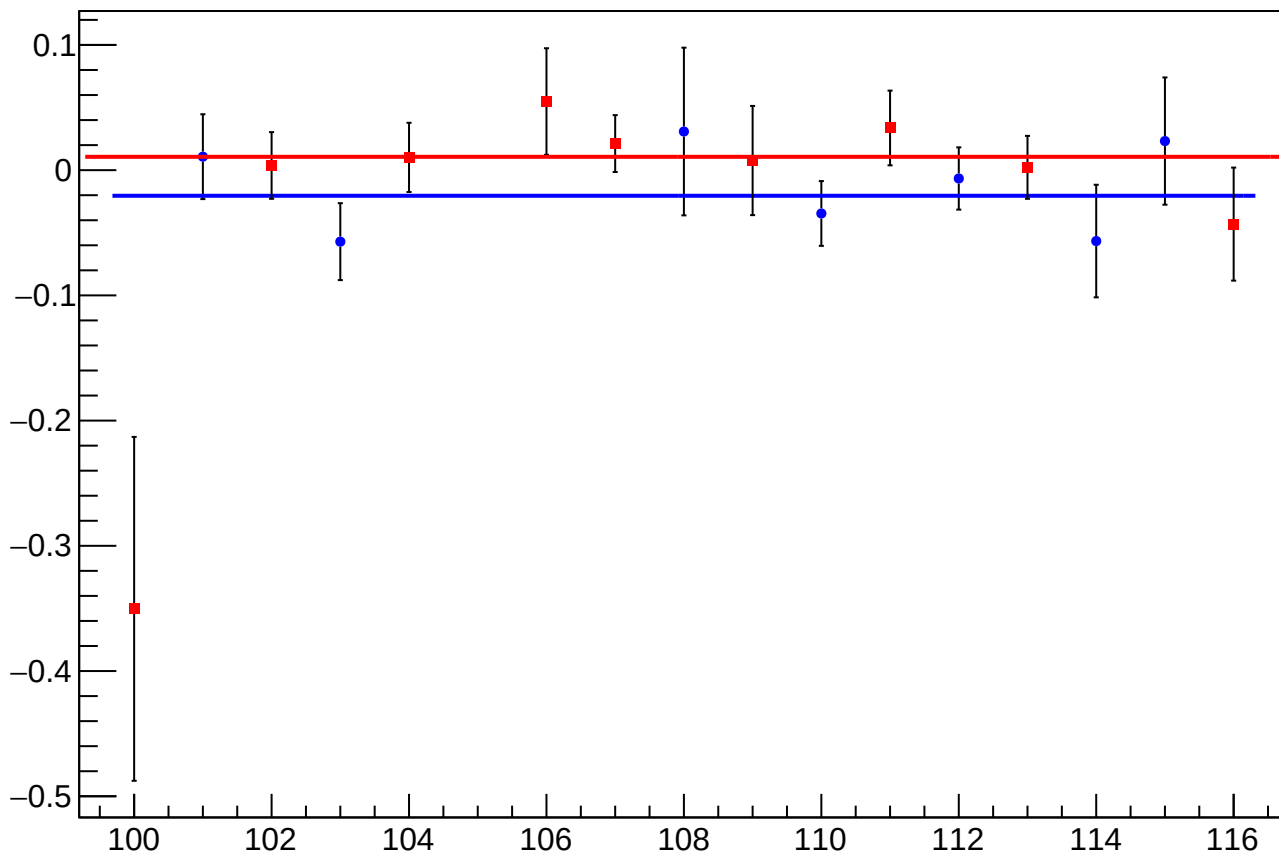
Right: 18.492+/-0.006 χ^2/NDF : 858351.8/15

In: 19.366+/-0.009 χ^2/NDF : 366662.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.492+/-0.006 χ^2/NDF : 858351.8/15

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.013 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.011 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

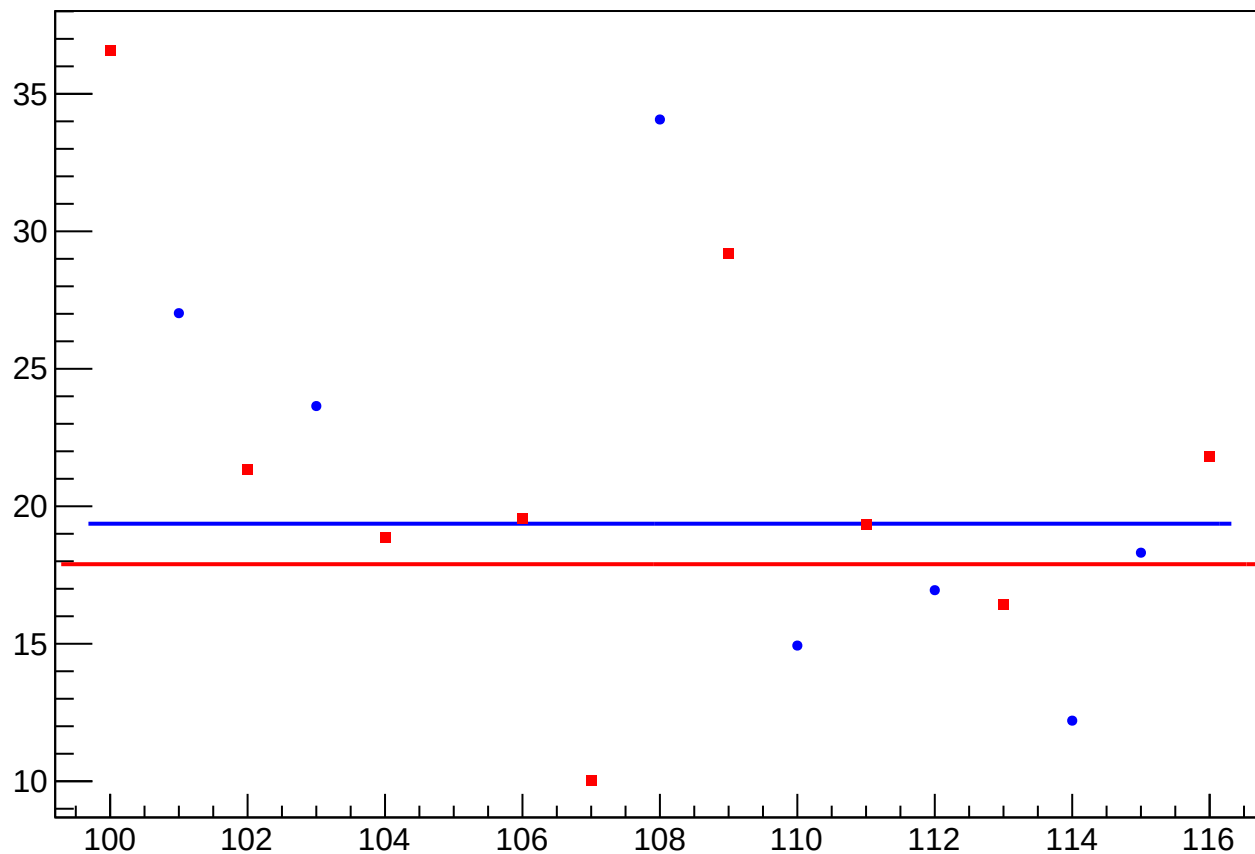
Right: -0.002+/-0.008 χ^2/NDF : 18.8/15

In: -0.020+/-0.013 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.008 χ^2/NDF : 18.8/15

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.366+/-0.009 χ^2/NDF : 366662.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.894+/-0.007 χ^2/NDF : 475853.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

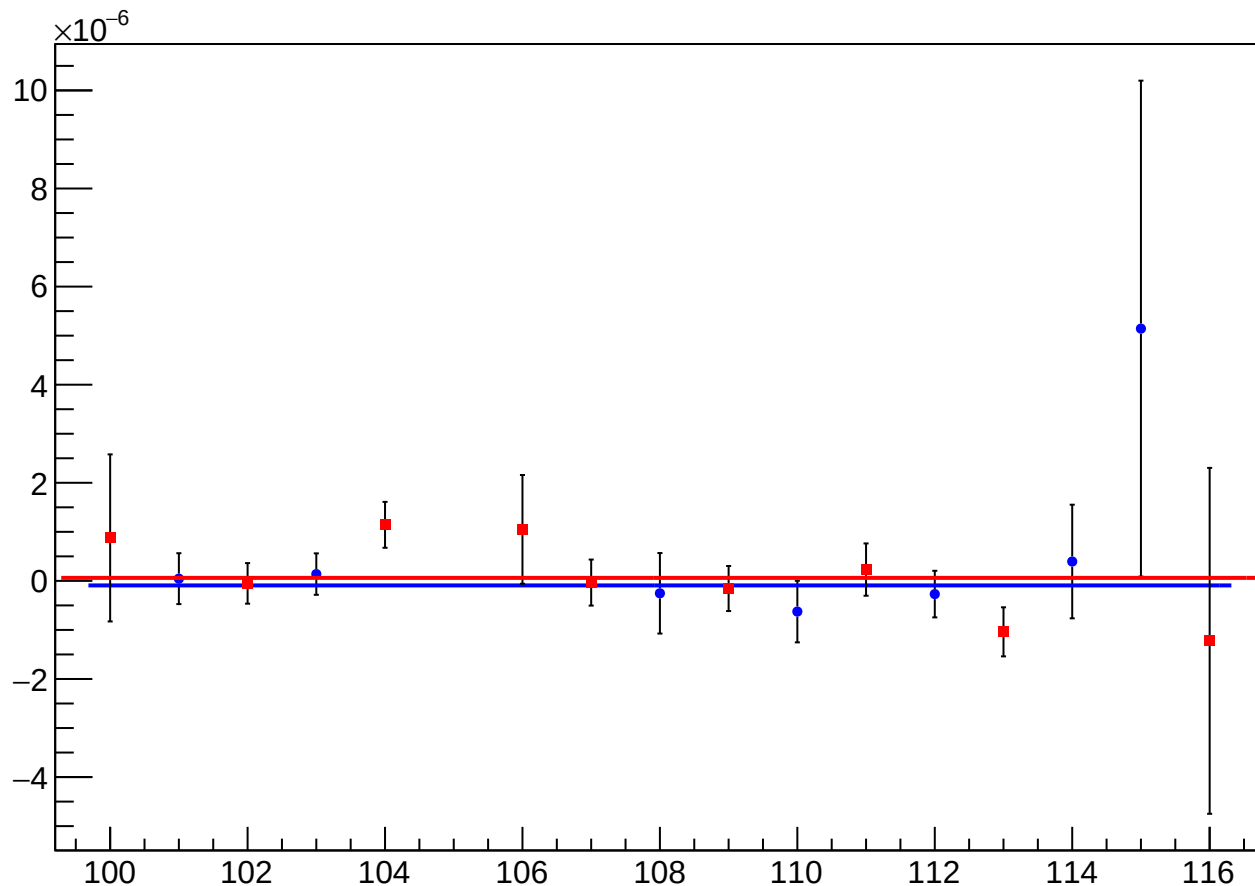
Right: 18.492+/-0.006 χ^2/NDF : 858351.8/15

In: 19.366+/-0.009 χ^2/NDF : 366662.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.492+/-0.006 χ^2/NDF : 858351.8/15

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

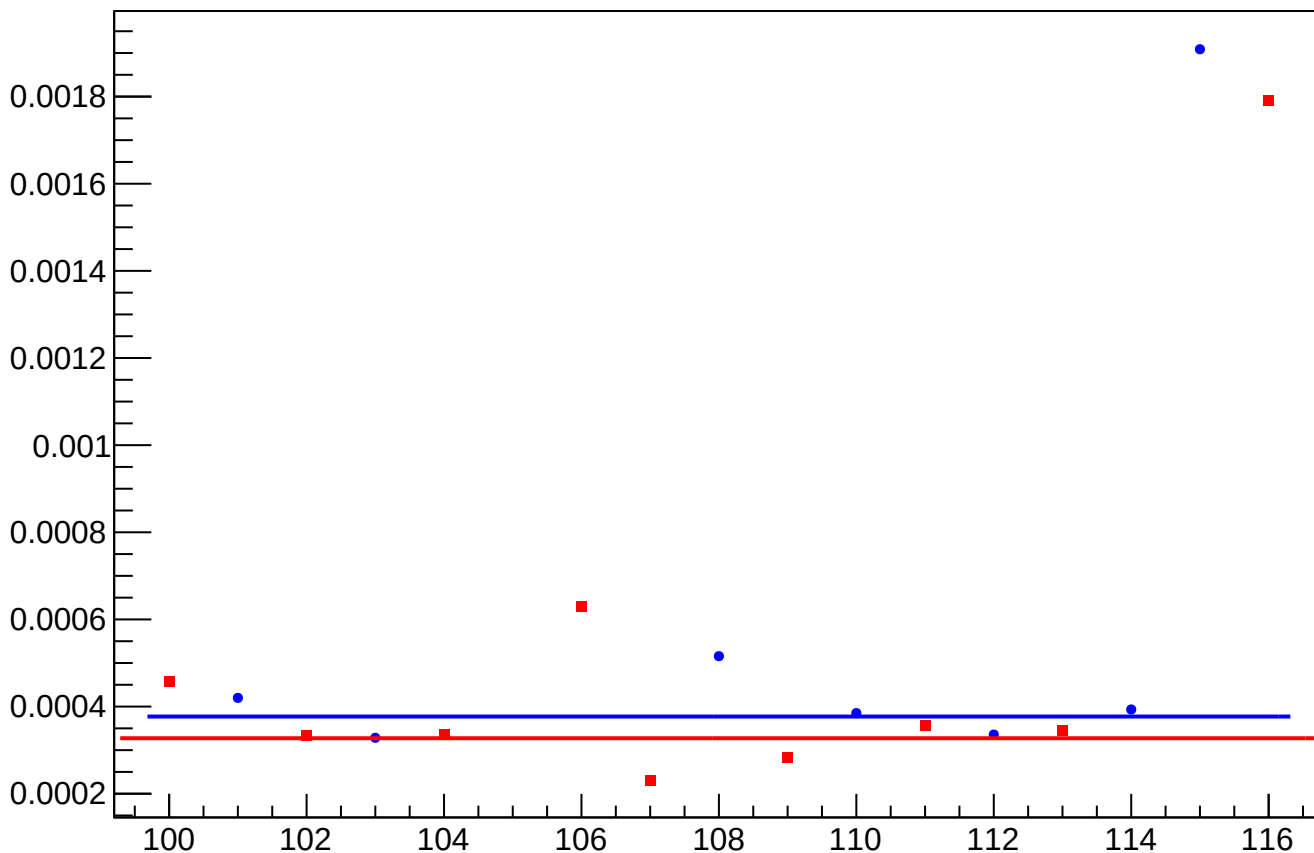
Right: 0.000+/-0.000 χ^2/NDF : 14.6/15

In: -0.000+/-0.000 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.6/15

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 296745.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 619418.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

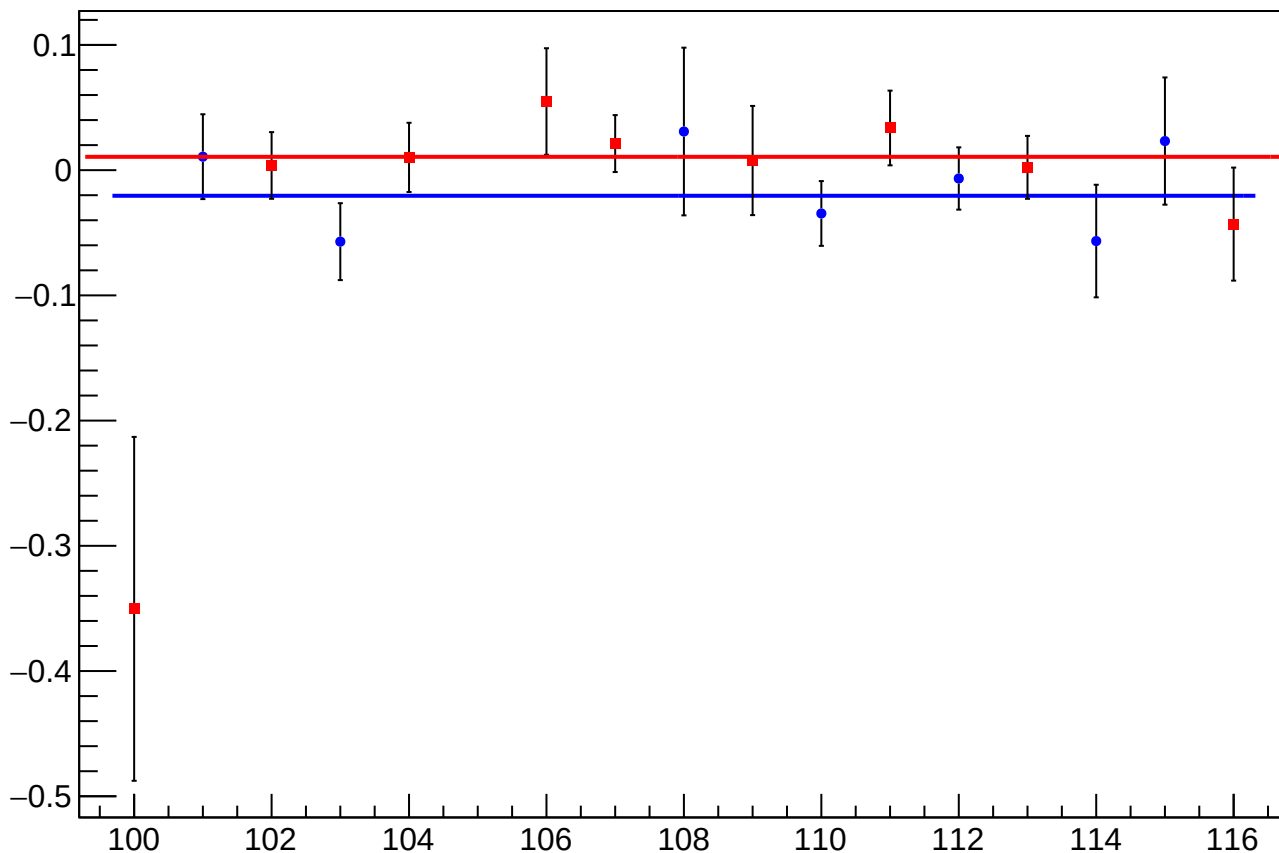
Right: 0.000+/-0.000 χ^2/NDF : 971864.7/15

In: 0.000+/-0.000 χ^2/NDF : 296745.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 971864.7/15

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.013 χ^2 /NDF: 4.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.011 χ^2 /NDF: 10.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

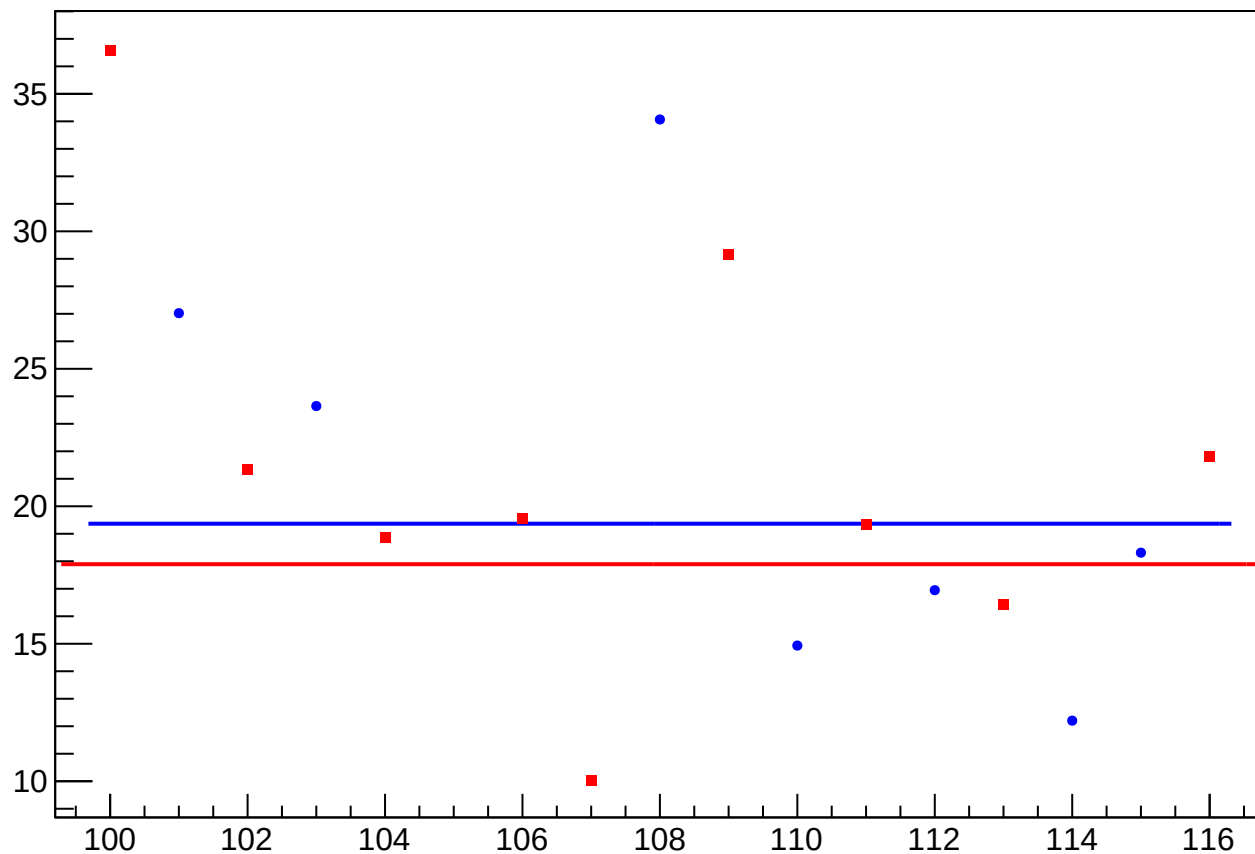
Right: -0.002 $\pm$ 0.008 χ^2 /NDF: 18.8/15

In: -0.020 $\pm$ 0.013 χ^2 /NDF:4.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.008 χ^2 /NDF: 18.8/15

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.366+/-0.009 χ^2/NDF : 366665.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.893+/-0.007 χ^2/NDF : 475867.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

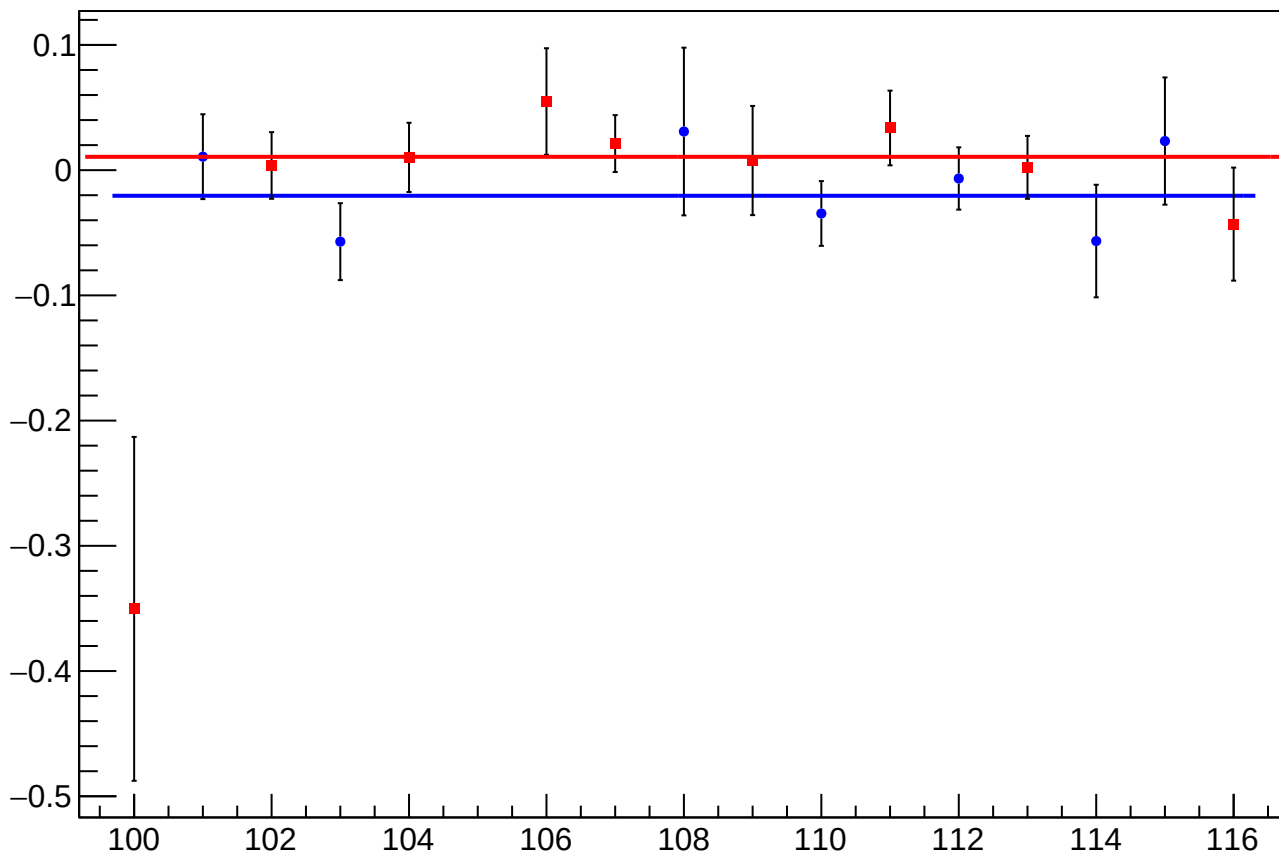
Right: 18.492+/-0.006 χ^2/NDF : 858370.4/15

In: 19.366+/-0.009 χ^2/NDF : 366665.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.492+/-0.006 χ^2/NDF : 858370.4/15

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.013 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.011 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

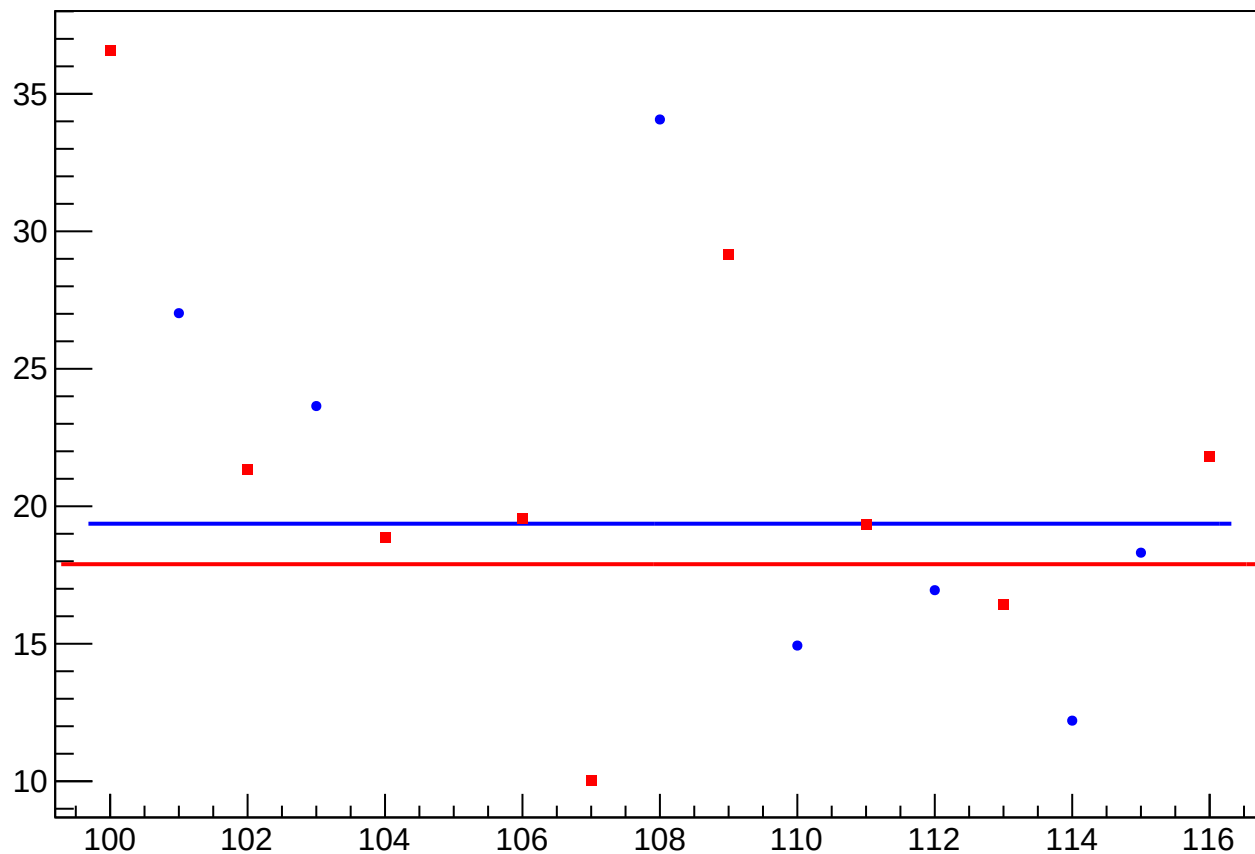
Right: -0.002+/-0.008 χ^2/NDF : 18.8/15

In: -0.020+/-0.013 χ^2/NDF :4.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.002+/-0.008 χ^2/NDF : 18.8/15

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.366+/-0.009 χ^2/NDF : 366665.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.893+/-0.007 χ^2/NDF : 475867.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

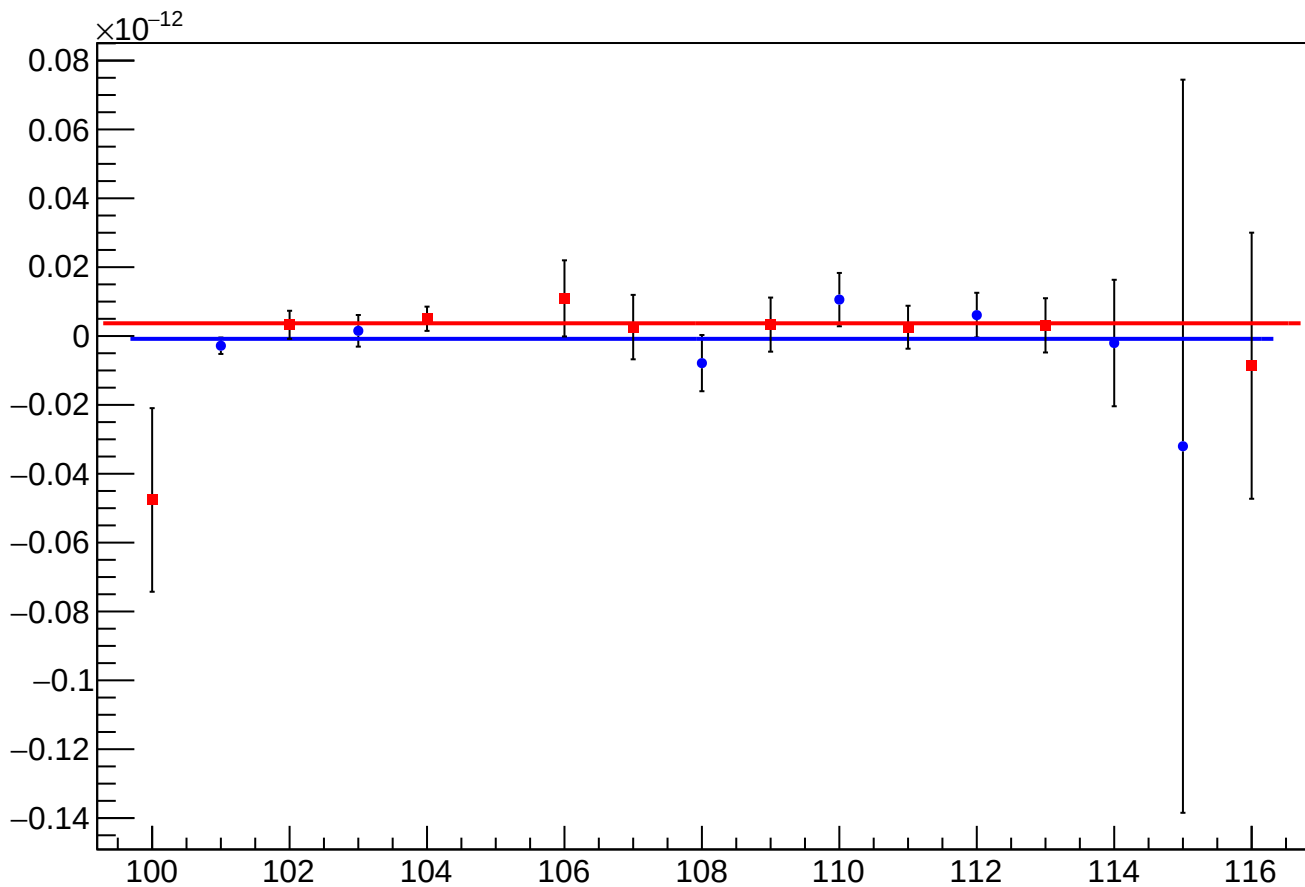
Right: 18.492+/-0.006 χ^2/NDF : 858370.4/15

In: 19.366+/-0.009 χ^2/NDF : 366665.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.492+/-0.006 χ^2/NDF : 858370.4/15

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

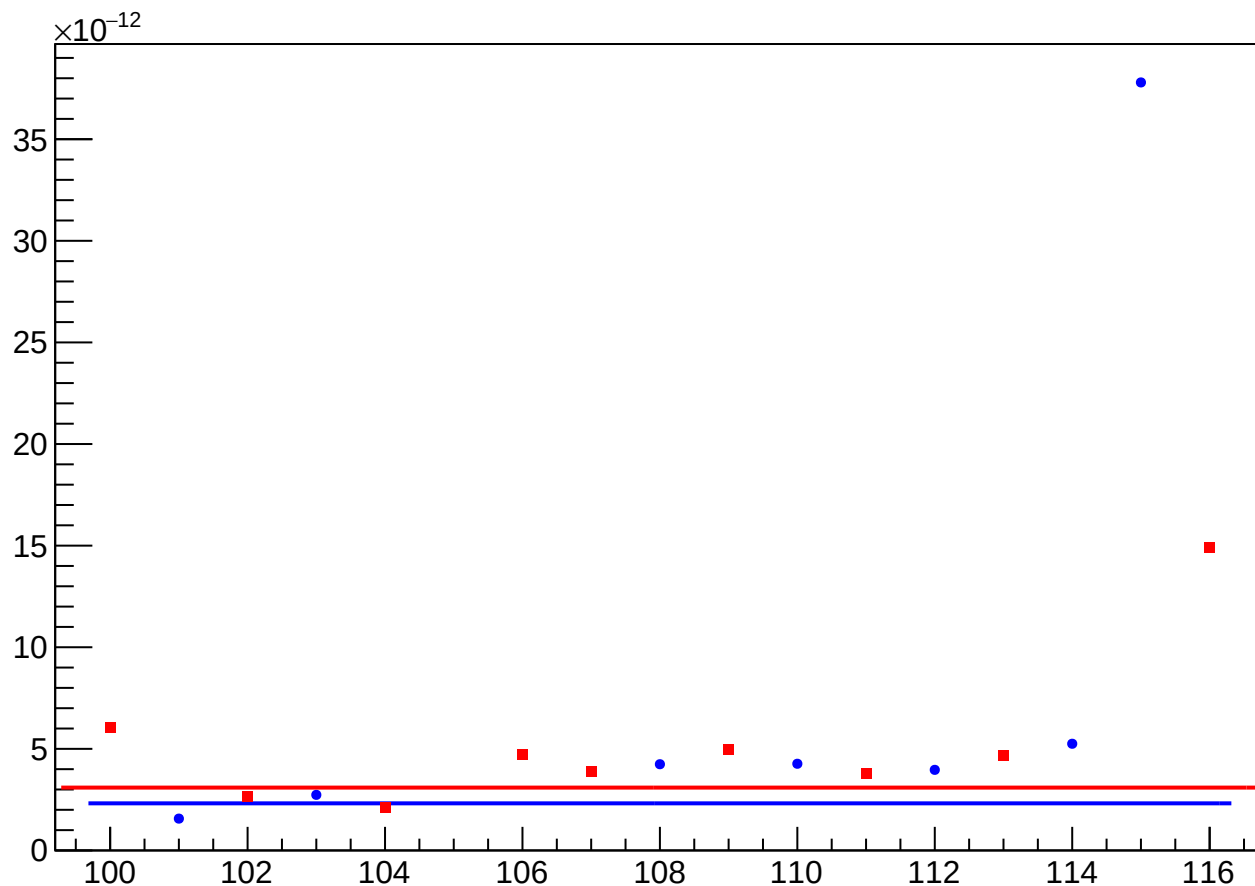
Right: 0.000+/-0.000 χ^2/NDF : 12.1/15

In: -0.000+/-0.000 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.1/15

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 855182.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 663581.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

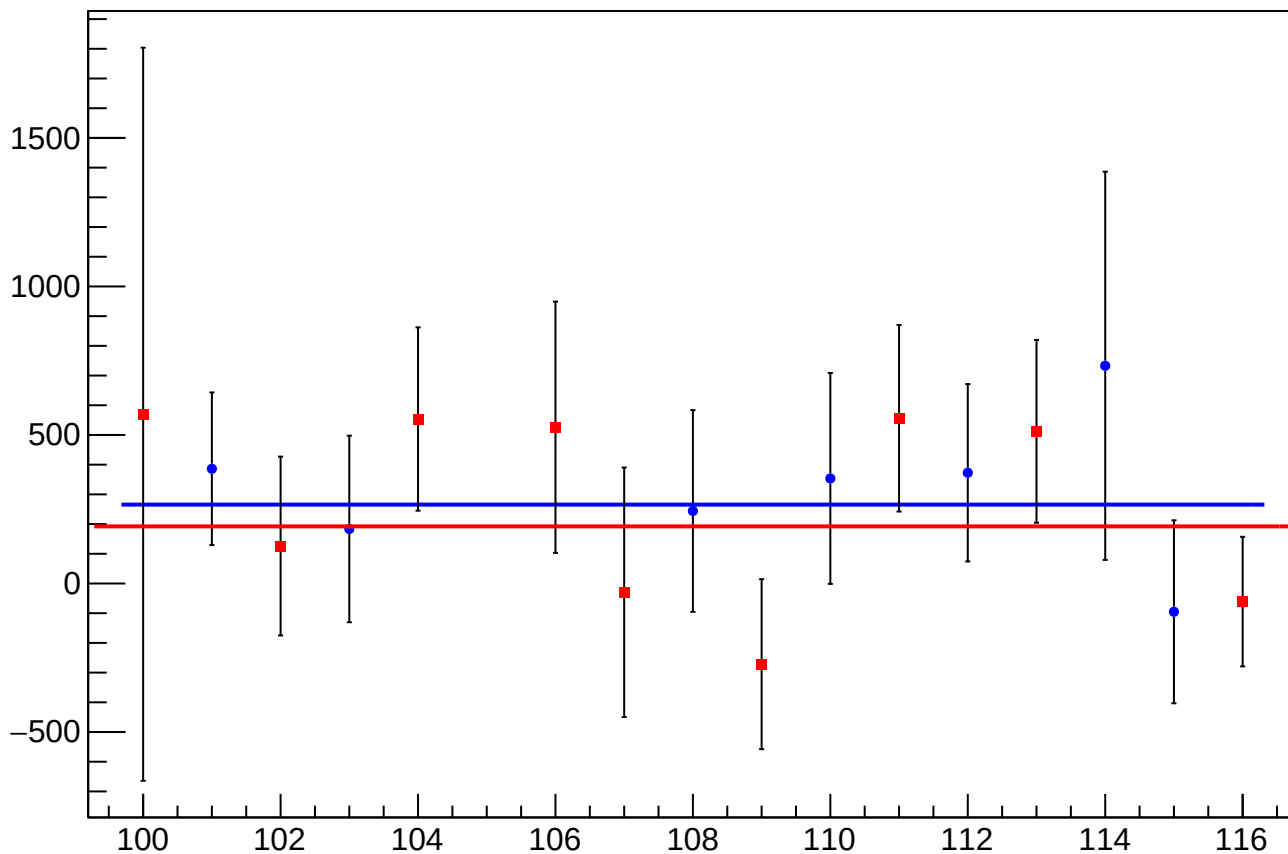
Right: 0.000+/-0.000 χ^2/NDF : 1667277.4/15

In: 0.000+/-0.000 χ^2/NDF : 855182.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1667277.4/15

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 265.573+/-123.103 χ^2/NDF : 2.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.279+/-106.972 χ^2/NDF : 8.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

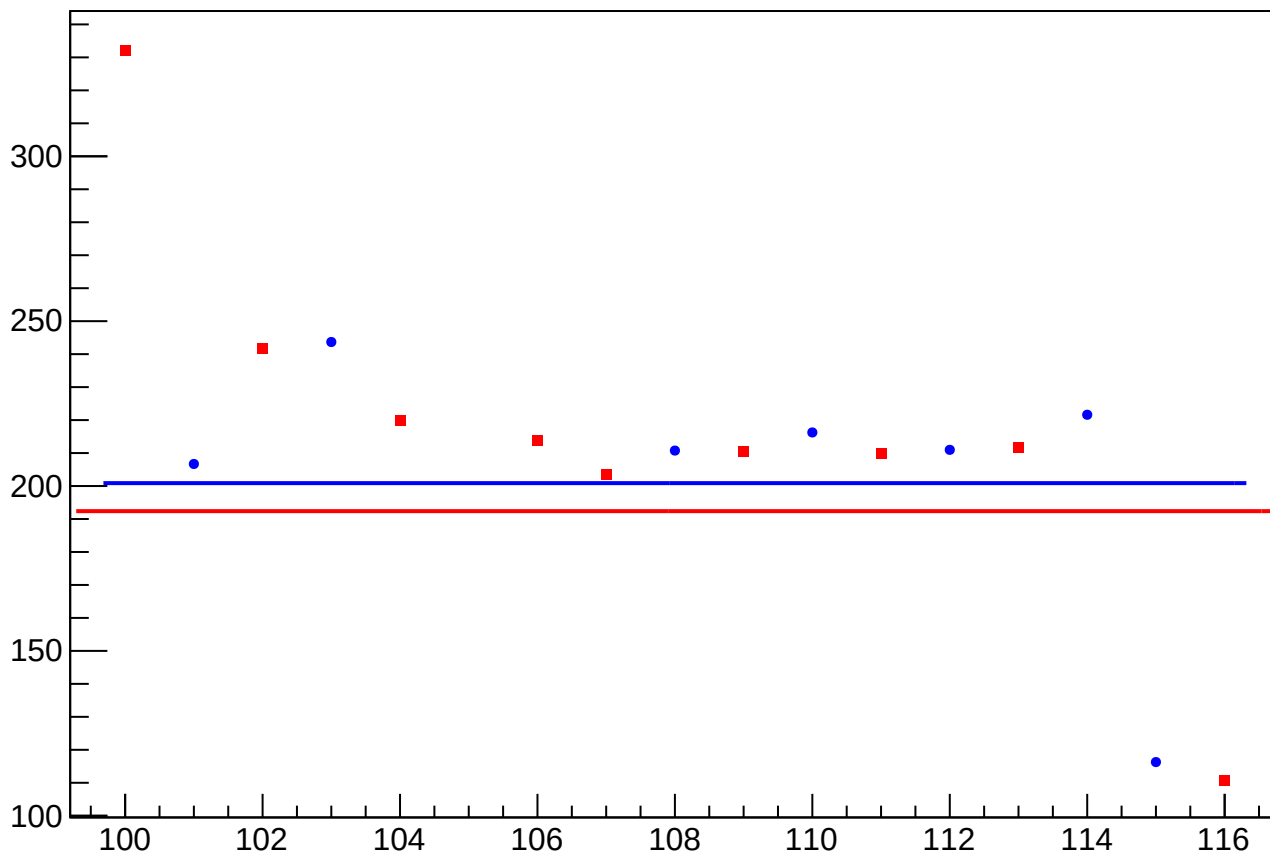
Right: 223.812+/-80.746 χ^2/NDF : 11.4/15

In: 265.573+/-123.103 χ^2/NDF : 2.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.812+/-80.746 χ^2/NDF : 11.4/15

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 200.878+/-0.087 χ^2/NDF : 198804.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.382+/-0.076 χ^2/NDF : 404372.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

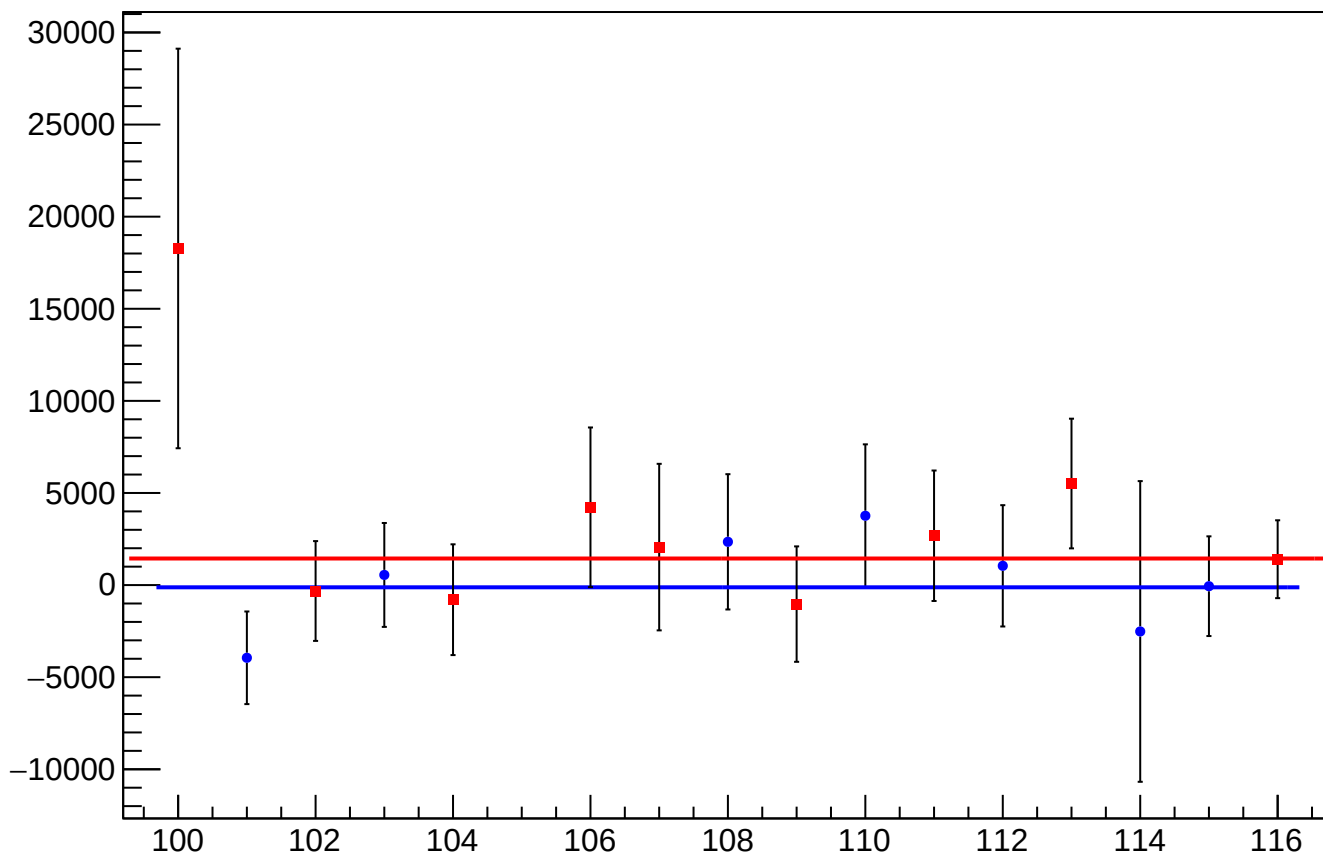
Right: 196.037+/-0.057 χ^2/NDF : 608604.7/15

In: 200.878+/-0.087 χ^2/NDF : 198804.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.037+/-0.057 χ^2/NDF : 608604.7/15

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -121.092 $\pm$ 1223.203 χ^2 /NDF: 4.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1442.175 $\pm$ 1088.666 χ^2 /NDF: 5.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

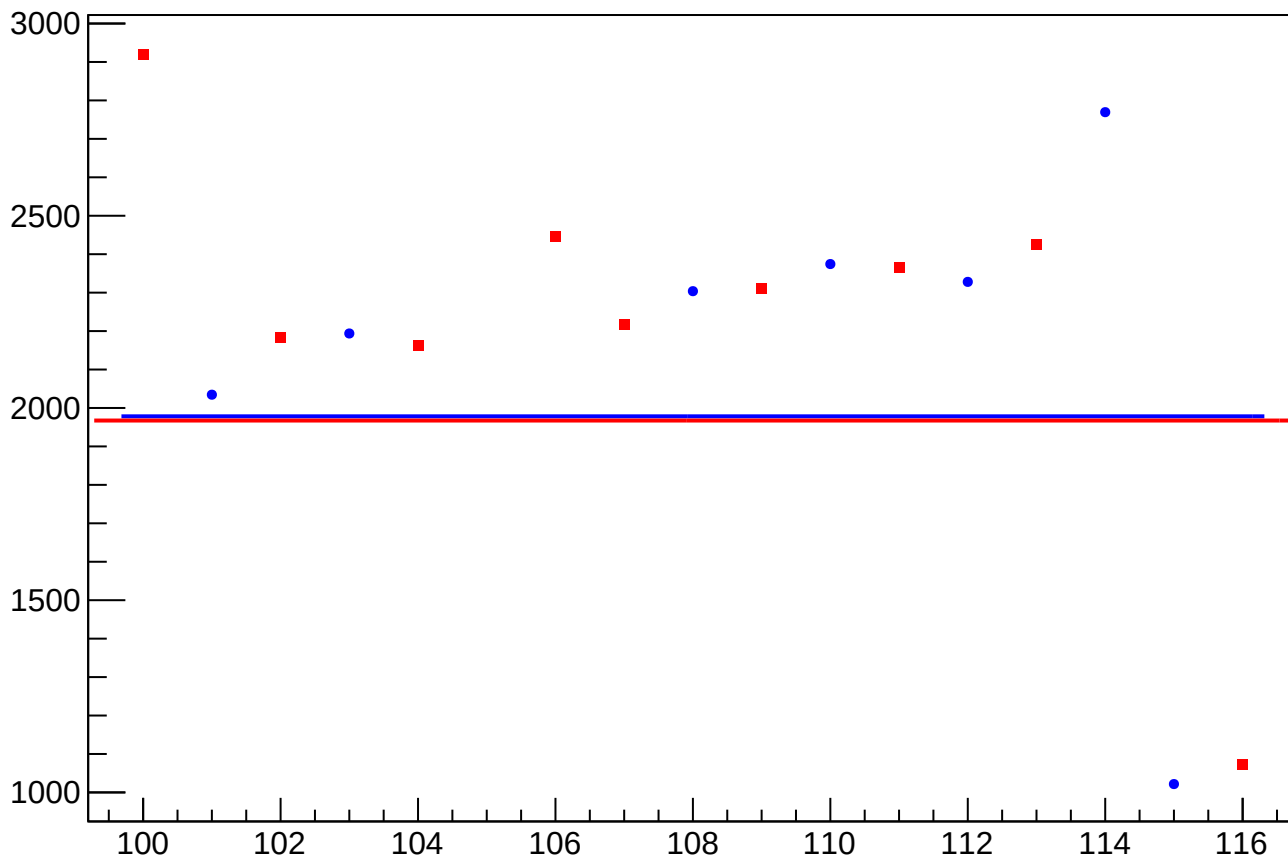
Right: 751.207 $\pm$ 813.225 χ^2 /NDF: 10.9/15

In: -121.092 $\pm$ 1223.203 χ^2 /NDF:4.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 751.207 $\pm$ 813.225 χ^2 /NDF: 10.9/15

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1978.245+/-0.865 χ^2/NDF : 340479.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1967.328+/-0.770 χ^2/NDF : 509425.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

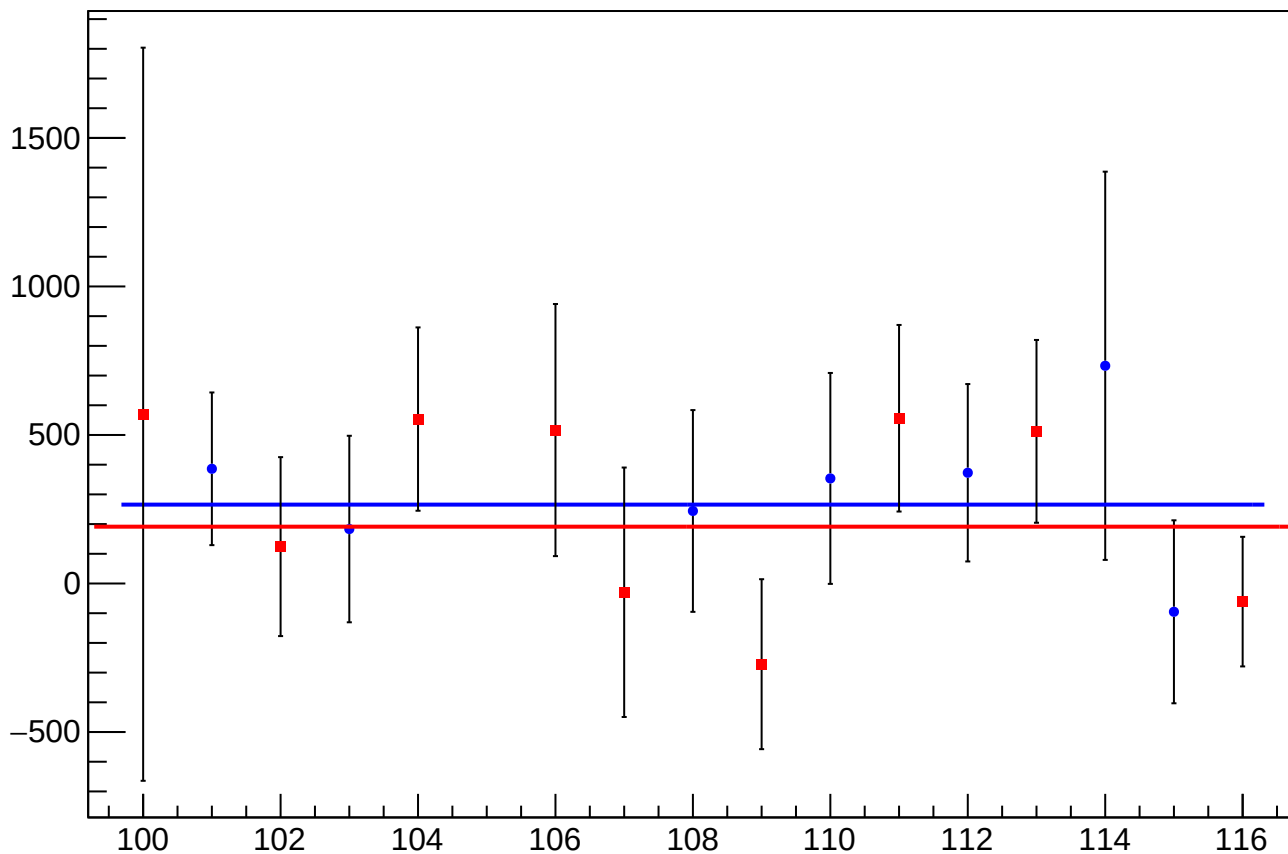
Right: 1972.153+/-0.575 χ^2/NDF : 849994.2/15

In: 1978.245+/-0.865 χ^2/NDF : 340479.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.153+/-0.575 χ^2/NDF : 849994.2/15

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 265.551 $\pm$ 123.103 χ^2 /NDF: 2.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 191.288 $\pm$ 107.004 χ^2 /NDF: 8.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

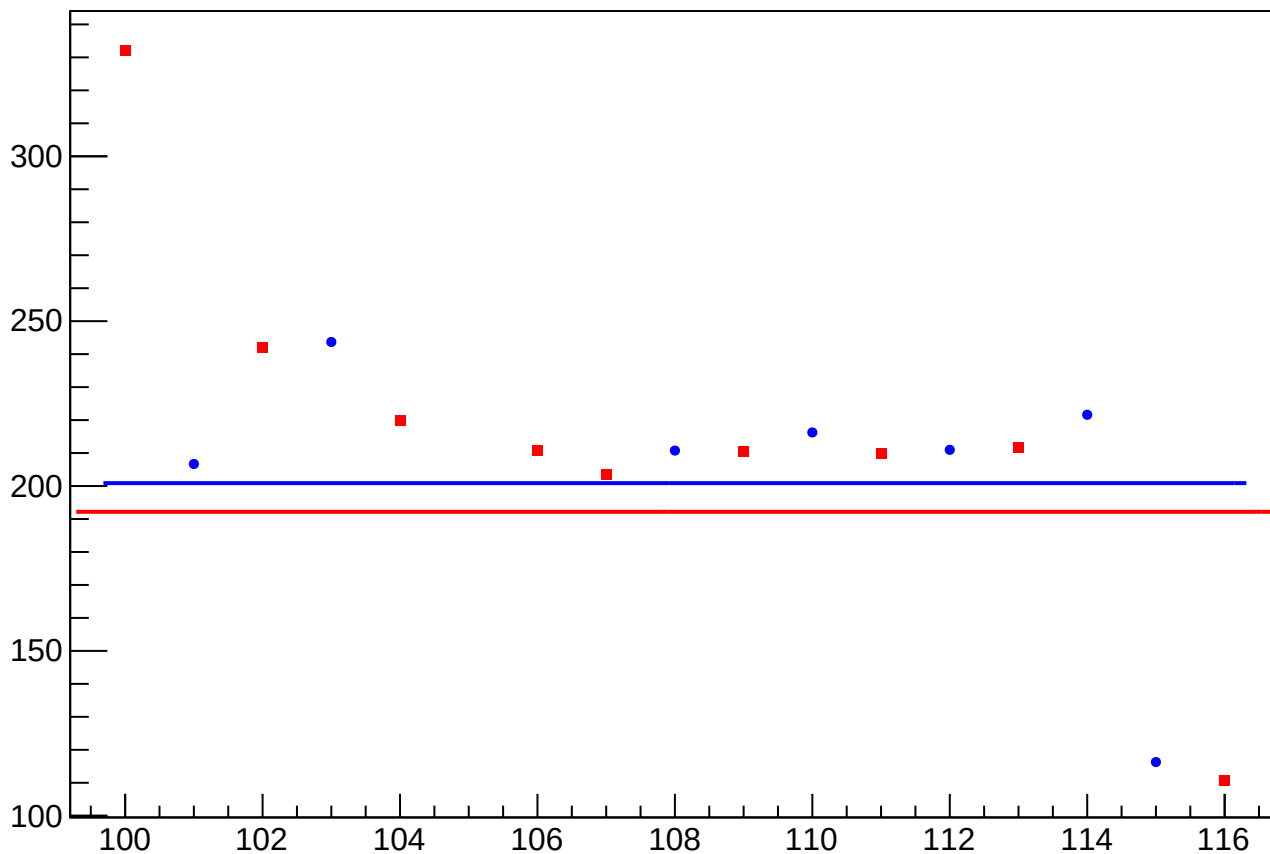
Right: 223.249 $\pm$ 80.759 χ^2 /NDF: 11.4/15

In: 265.551 $\pm$ 123.103 χ^2 /NDF:2.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.249 $\pm$ 80.759 χ^2 /NDF: 11.4/15

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 200.878+/-0.087 χ^2/NDF : 198806.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.185+/-0.076 χ^2/NDF : 403191.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

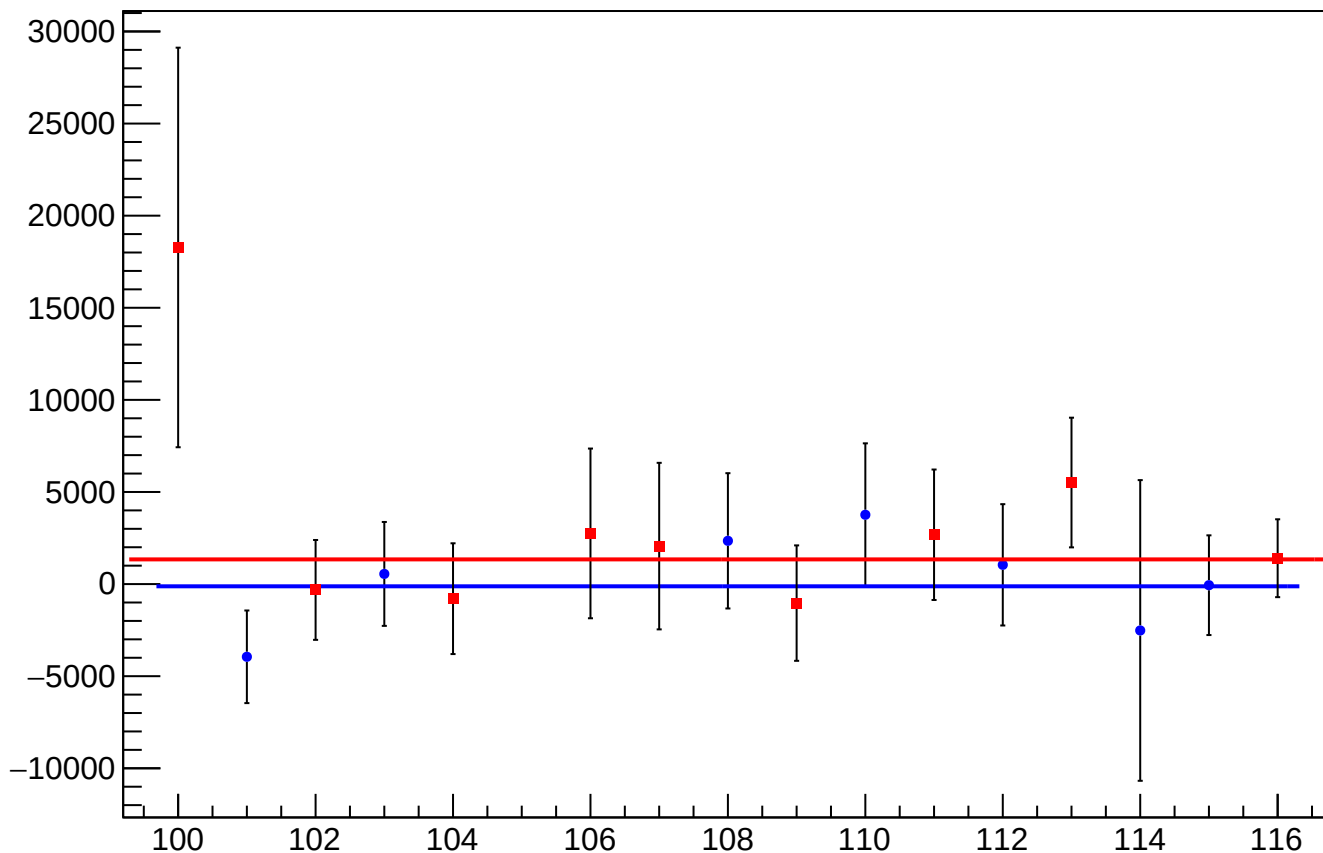
Right: 195.926+/-0.057 χ^2/NDF : 607678.9/15

In: 200.878+/-0.087 χ^2/NDF : 198806.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.926+/-0.057 χ^2/NDF : 607678.9/15

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -120.876+/-1223.215 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1340.388+/-1092.747 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

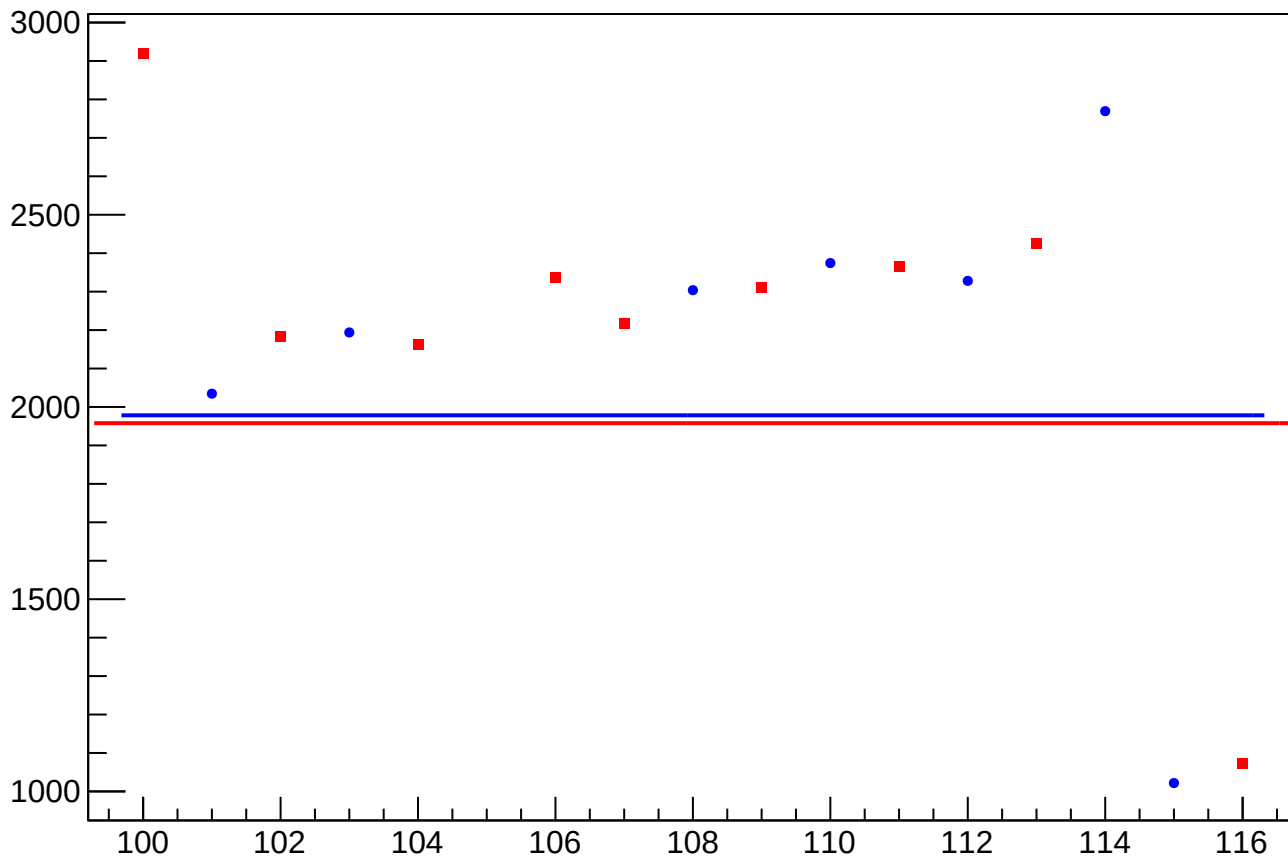
Right: 691.815+/-814.926 χ^2/NDF : 10.4/15

In: -120.876+/-1223.215 χ^2/NDF :4.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 691.815+/-814.926 χ^2/NDF : 10.4/15

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1978.261+/-0.865 χ^2/NDF : 340493.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1957.878+/-0.773 χ^2/NDF : 497926.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

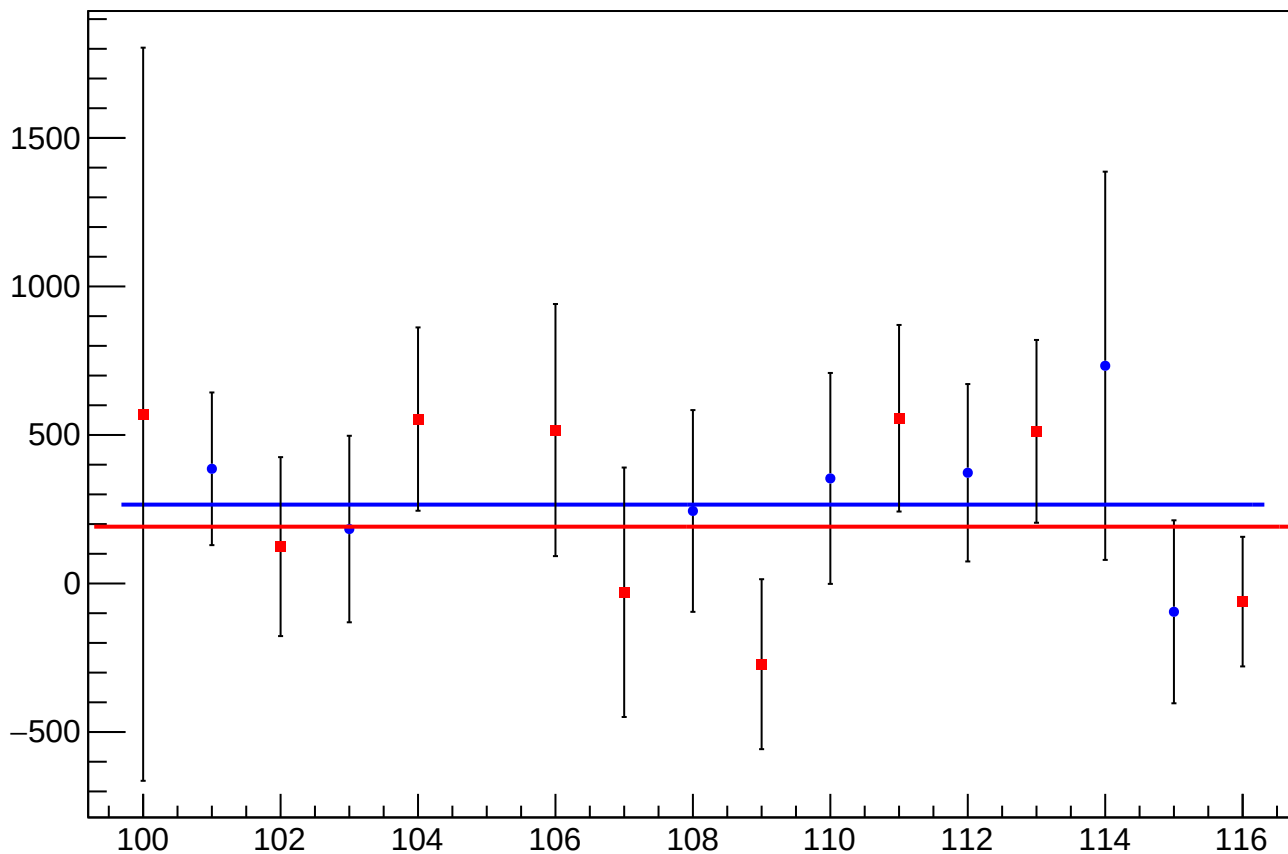
Right: 1966.925+/-0.576 χ^2/NDF : 838728.5/15

In: 1978.261+/-0.865 χ^2/NDF : 340493.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.925+/-0.576 χ^2/NDF : 838728.5/15

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 265.551 $\pm$ 123.103 χ^2 /NDF: 2.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 191.288 $\pm$ 107.004 χ^2 /NDF: 8.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

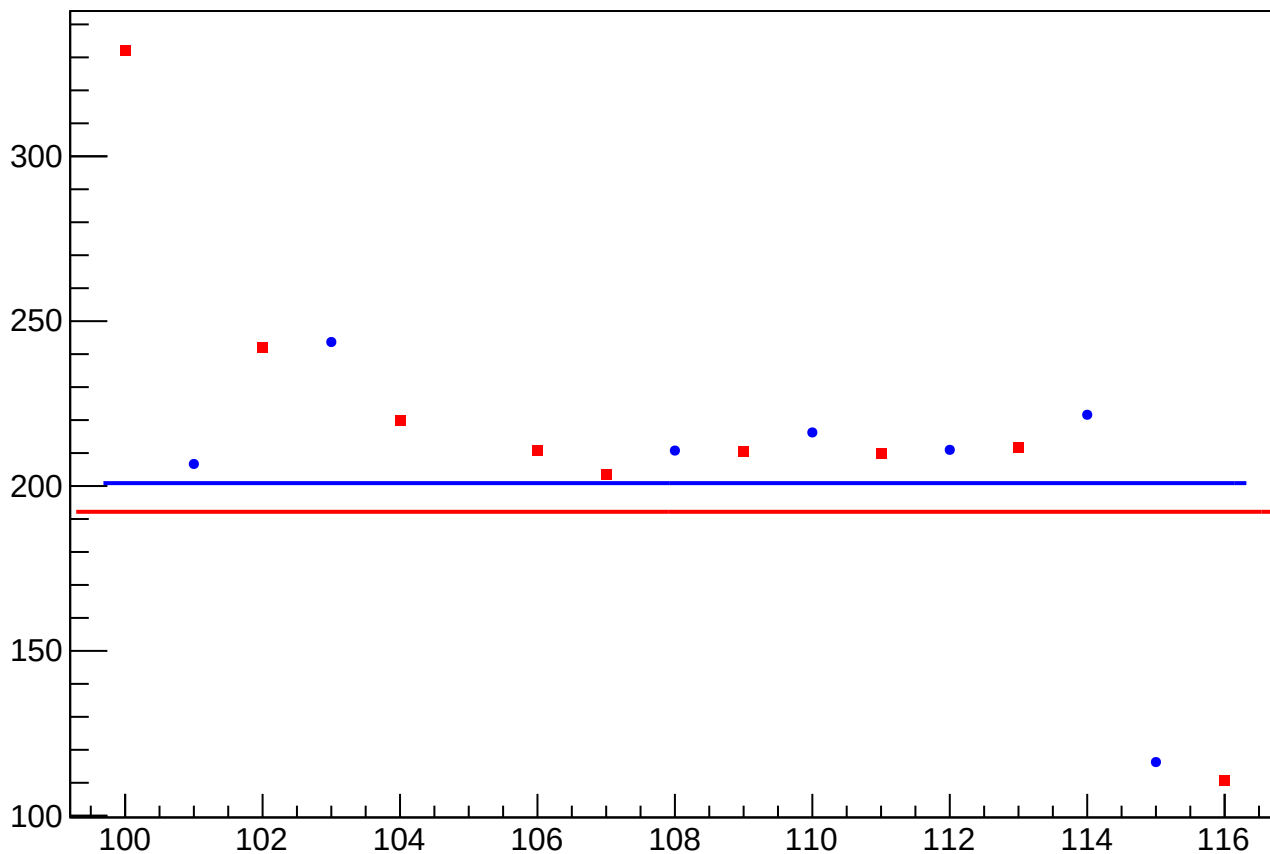
Right: 223.249 $\pm$ 80.759 χ^2 /NDF: 11.4/15

In: 265.551 $\pm$ 123.103 χ^2 /NDF: 2.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 223.249 $\pm$ 80.759 χ^2 /NDF: 11.4/15

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 200.878+/-0.087 χ^2/NDF : 198806.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.185+/-0.076 χ^2/NDF : 403191.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

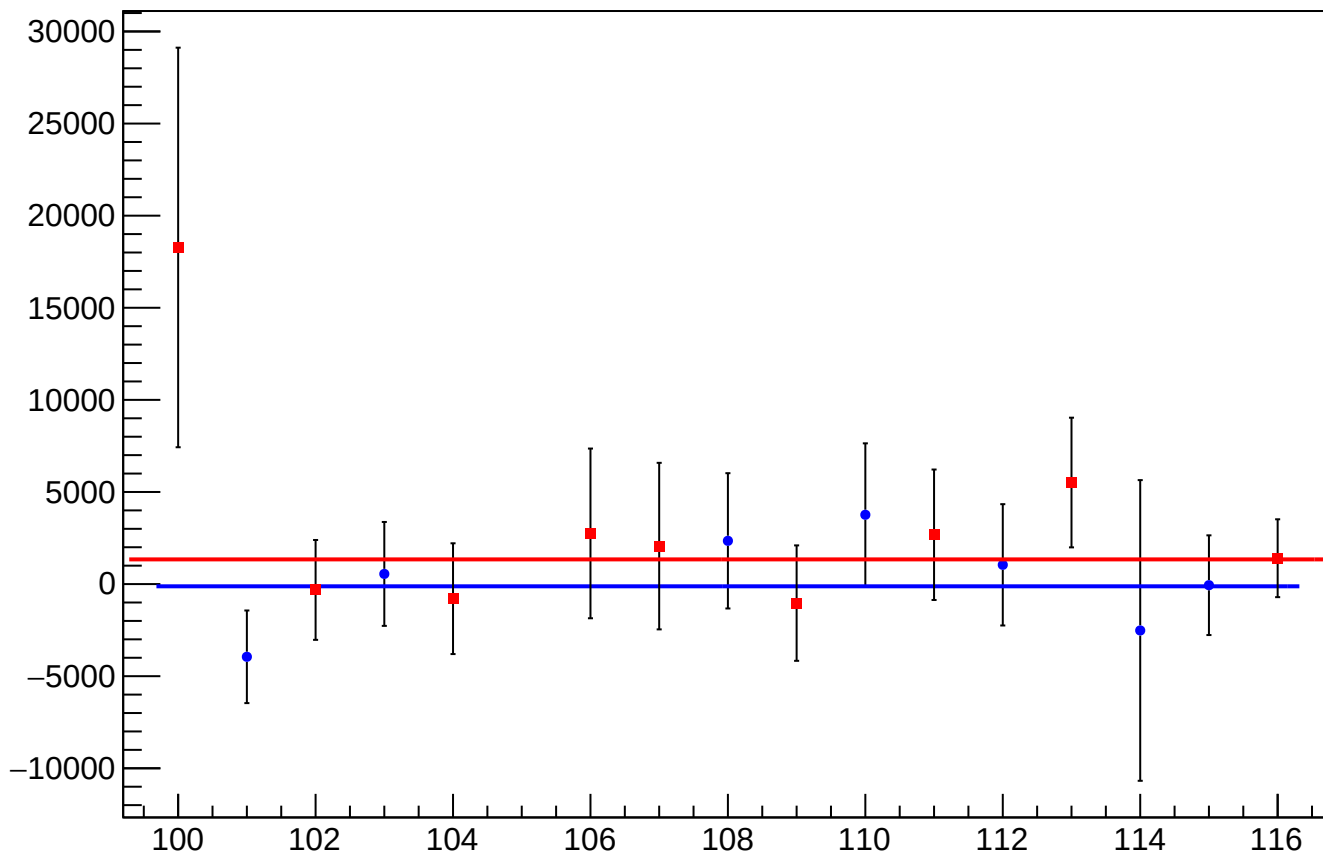
Right: 195.926+/-0.057 χ^2/NDF : 607678.9/15

In: 200.878+/-0.087 χ^2/NDF : 198806.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.926+/-0.057 χ^2/NDF : 607678.9/15

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -120.876+/-1223.215 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.388+/-1092.747 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

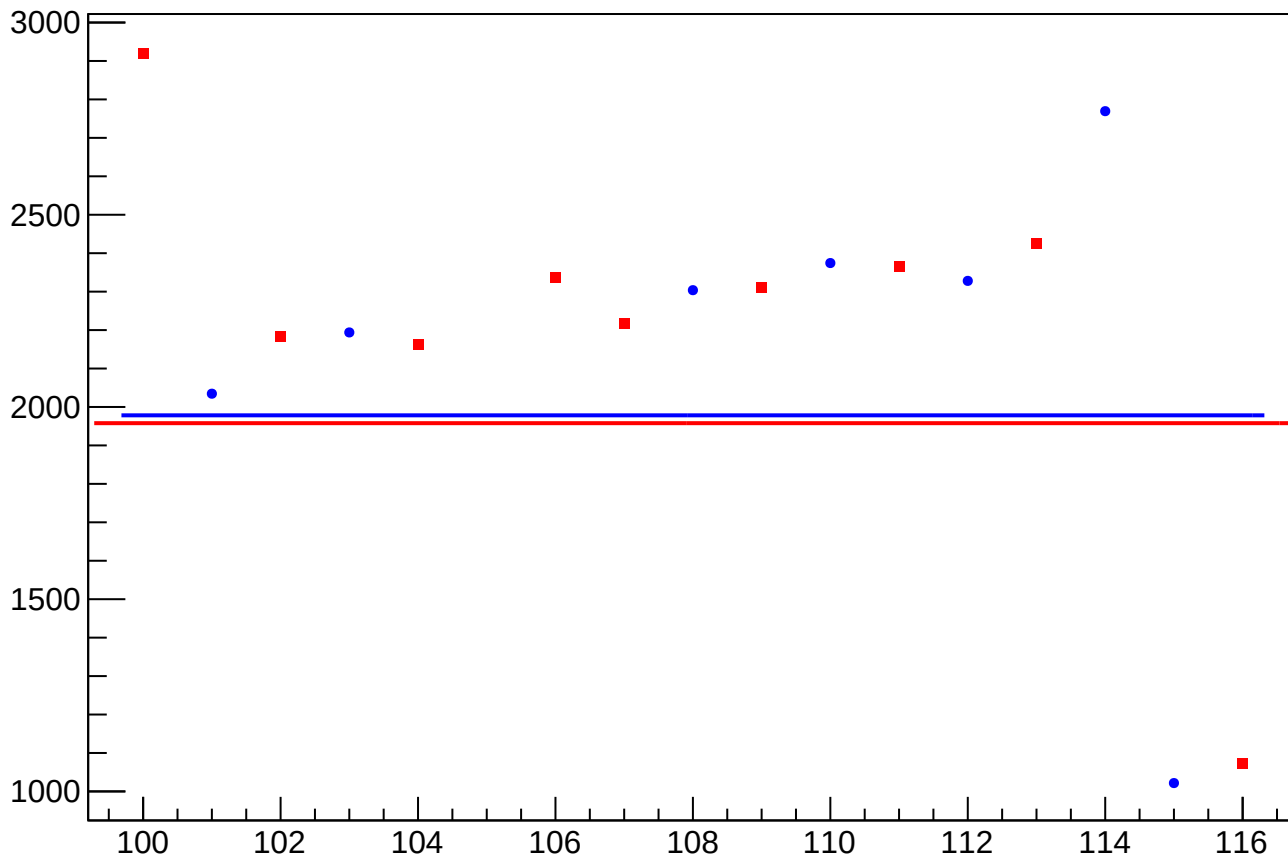
Right: 691.815+/-814.926 χ^2/NDF : 10.4/15

In: -120.876+/-1223.215 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.815+/-814.926 χ^2/NDF : 10.4/15

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1978.261+/-0.865 χ^2/NDF : 340493.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1957.878+/-0.773 χ^2/NDF : 497926.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

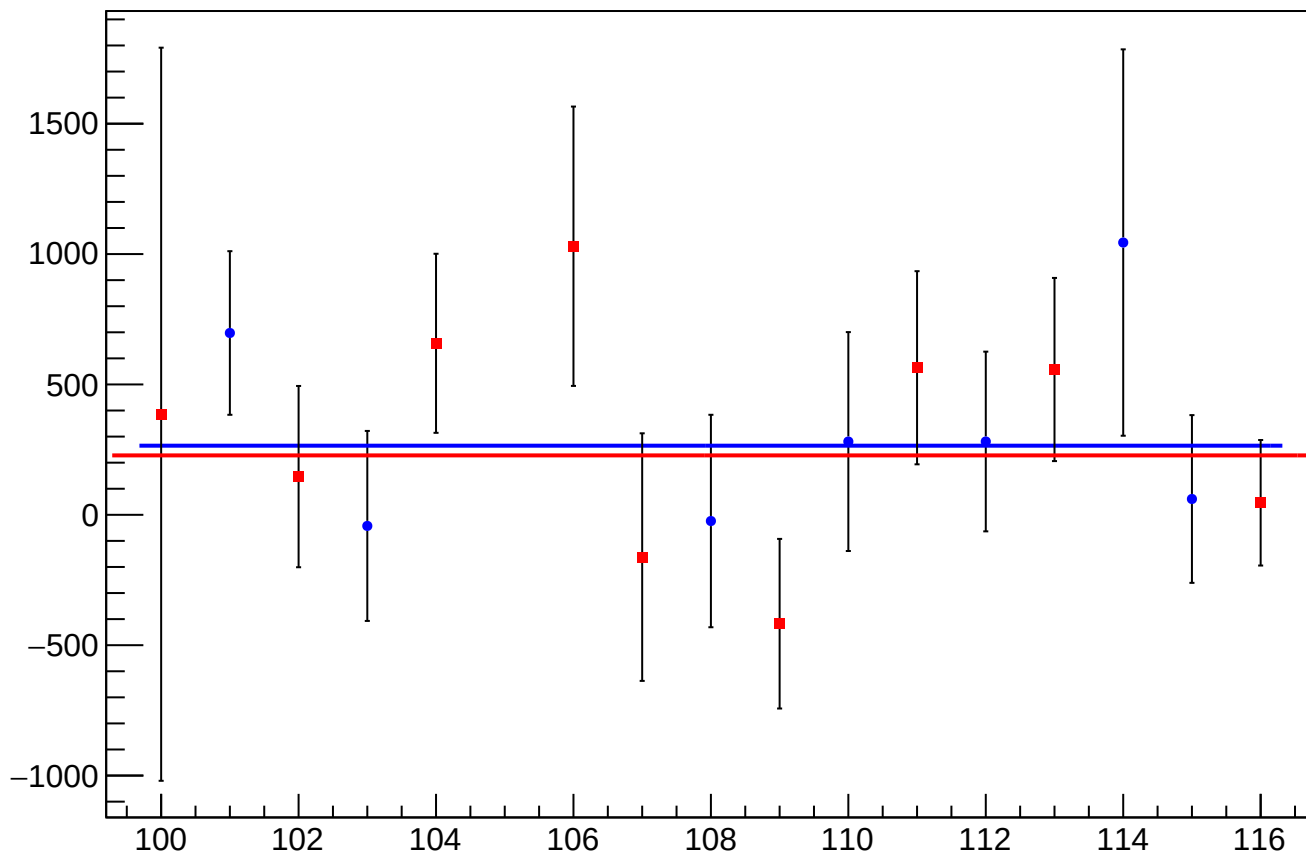
Right: 1966.925+/-0.576 χ^2/NDF : 838728.5/15

In: 1978.261+/-0.865 χ^2/NDF : 340493.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.925+/-0.576 χ^2/NDF : 838728.5/15

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 265.136+/-142.423 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.895+/-121.902 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

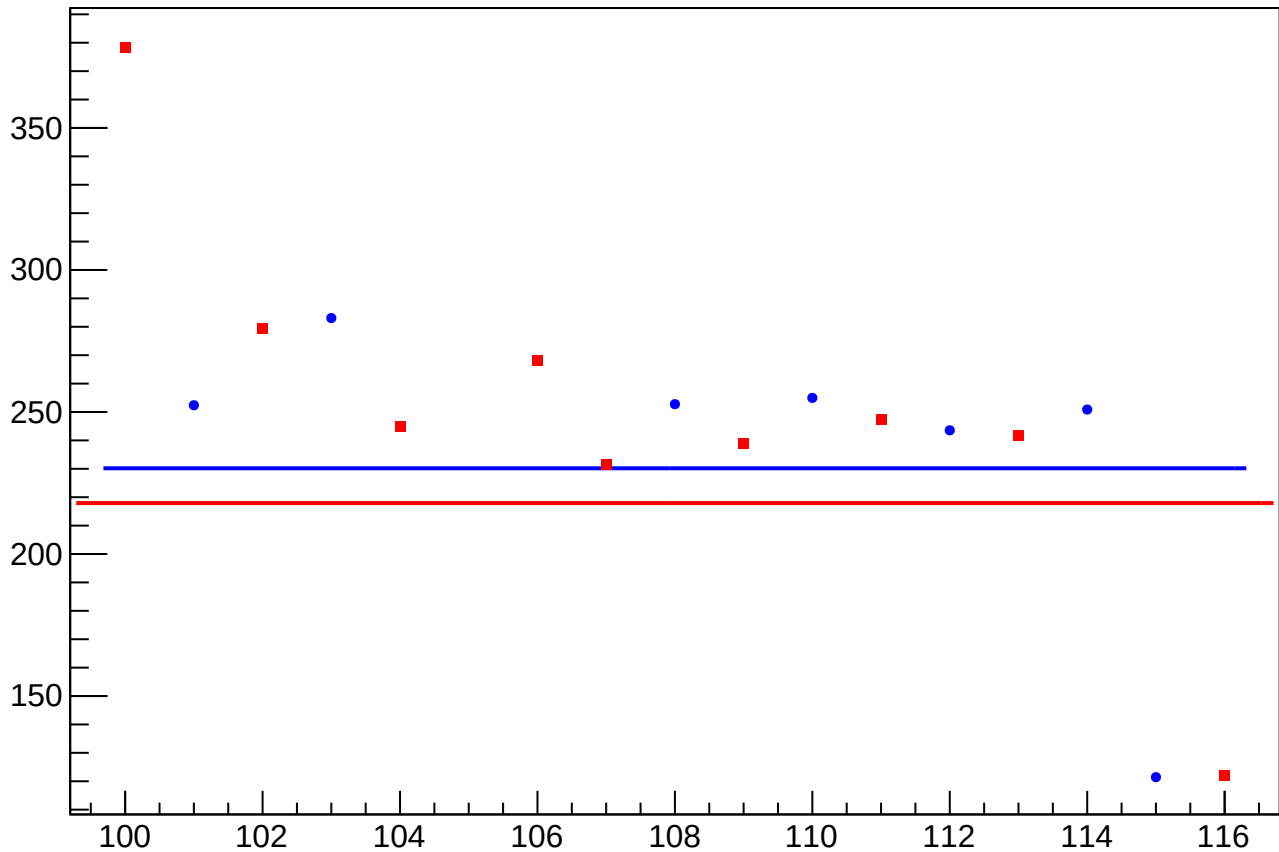
Right: 243.642+/-92.611 χ^2/NDF : 15.4/15

In: 265.136+/-142.423 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.642+/-92.611 χ^2/NDF : 15.4/15

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 230.181 $\pm$ 0.101 χ^2 /NDF: 298391.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 217.940 $\pm$ 0.086 χ^2 /NDF: 468602.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

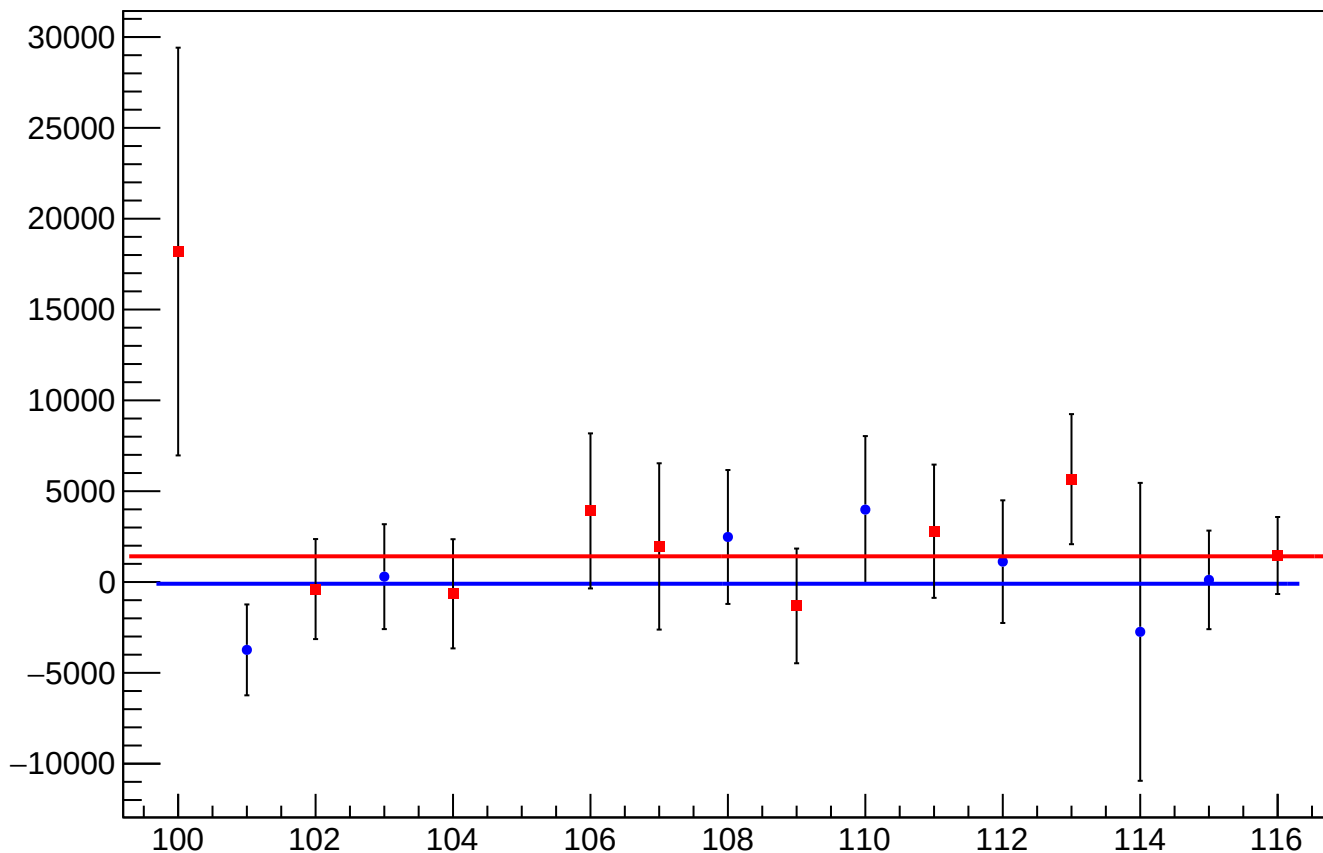
Right: 223.116 $\pm$ 0.065 χ^2 /NDF: 775521.4/15

In: 230.181 $\pm$ 0.101 χ^2 /NDF:298391.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.116 $\pm$ 0.065 χ^2 /NDF: 775521.4/15

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -95.085+/-1237.626 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1415.309+/-1098.679 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

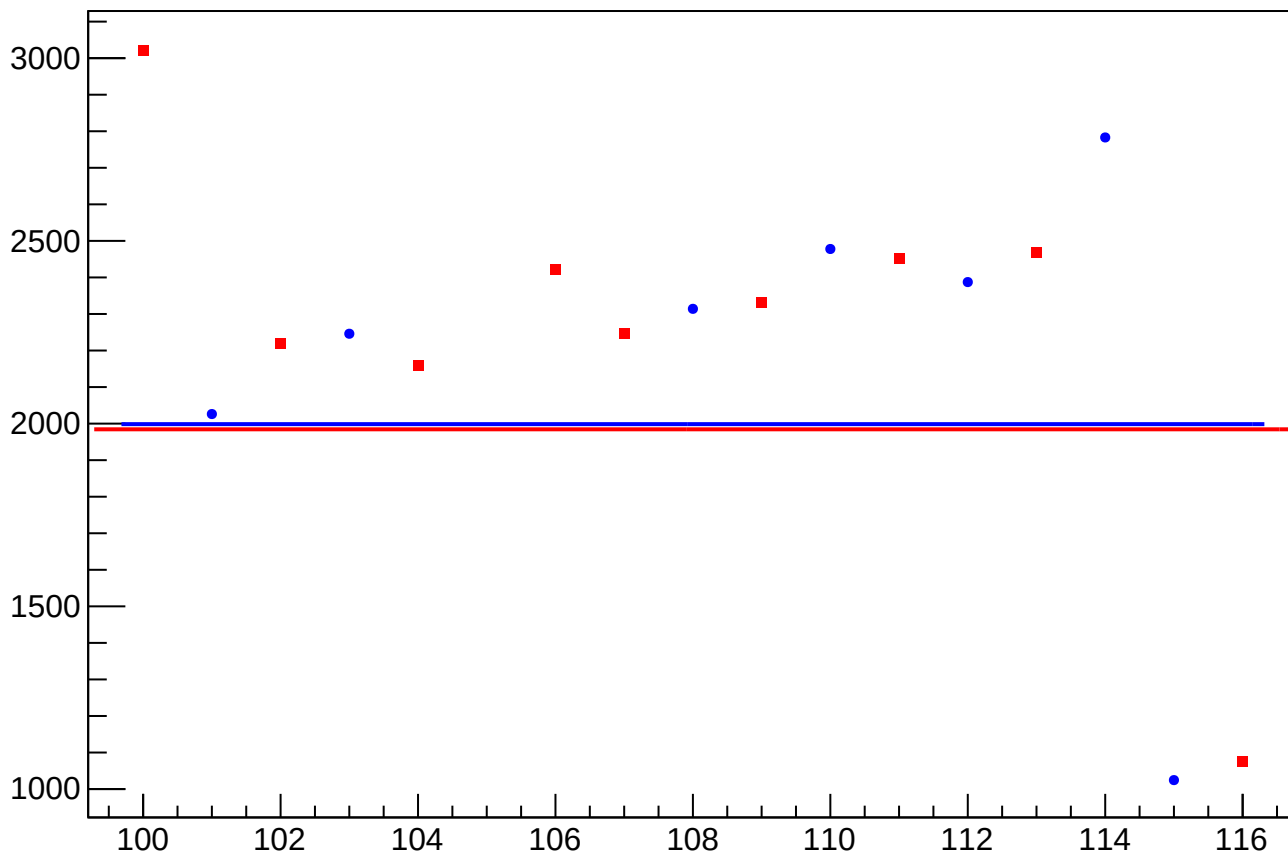
Right: 749.623+/-821.635 χ^2/NDF : 10.5/15

In: -95.085+/-1237.626 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 749.623+/-821.635 χ^2/NDF : 10.5/15

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1998.567+/-0.875 χ^2/NDF : 360245.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1984.417+/-0.777 χ^2/NDF : 526390.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

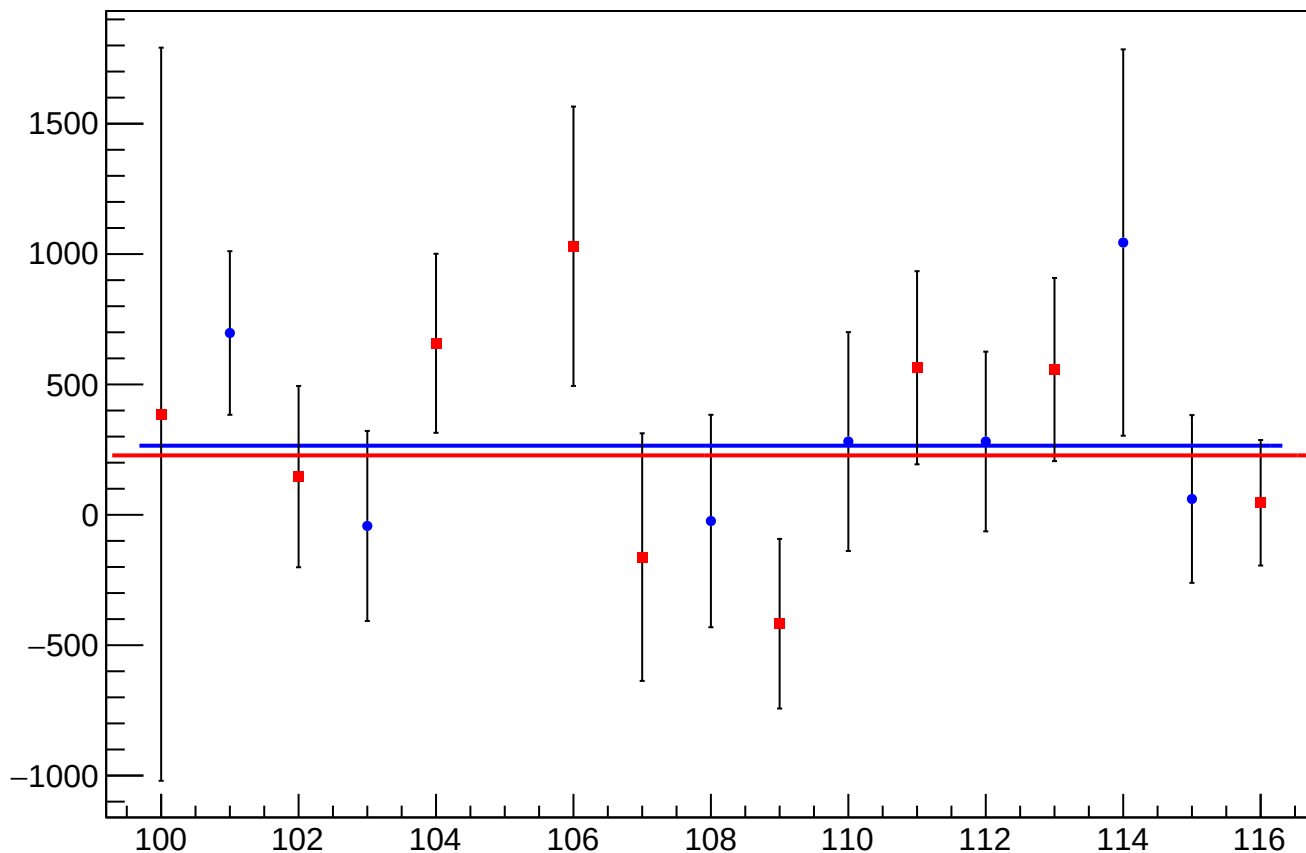
Right: 1990.653+/-0.581 χ^2/NDF : 886781.2/15

In: 1998.567+/-0.875 χ^2/NDF : 360245.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.653+/-0.581 χ^2/NDF : 886781.2/15

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 265.133+/-142.422 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.897+/-121.902 χ^2/NDF : 10.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

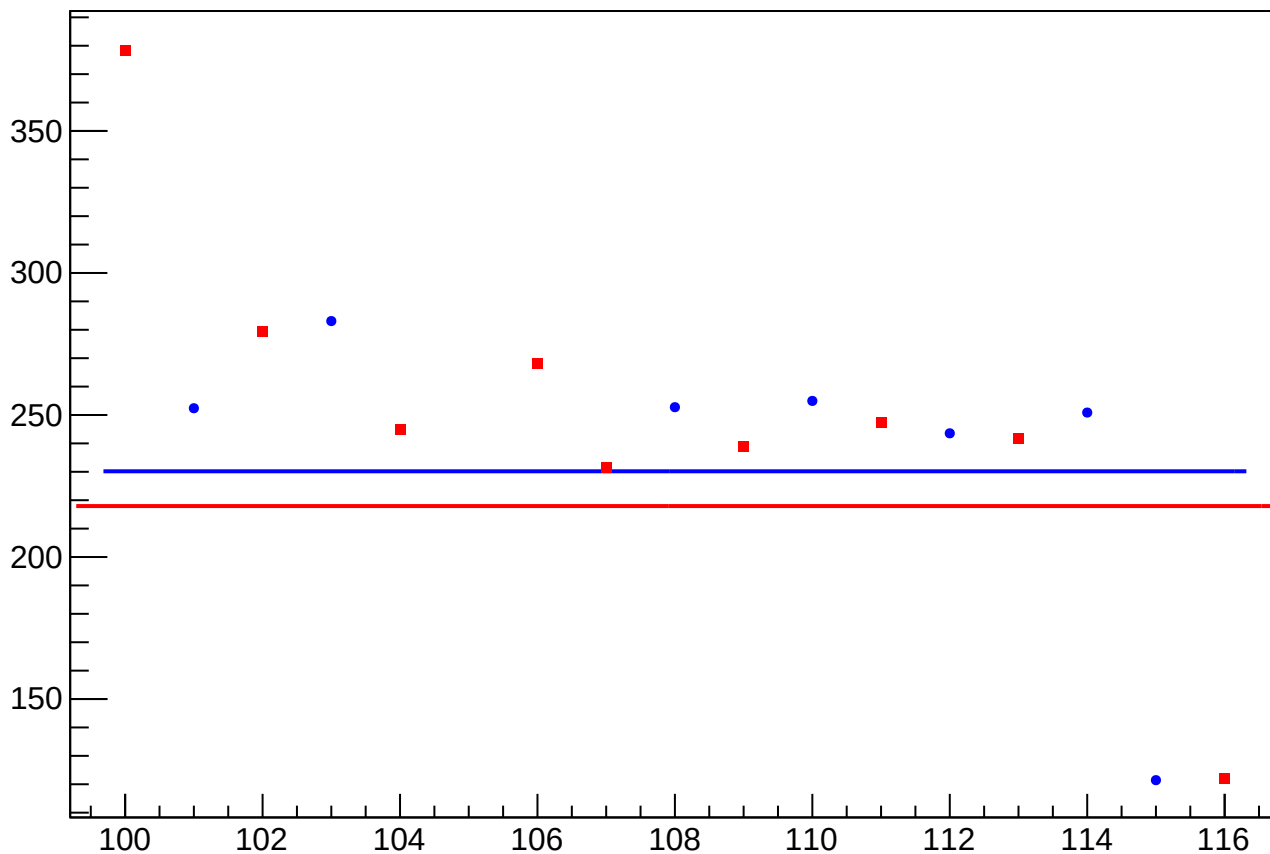
Right: 243.641+/-92.611 χ^2/NDF : 15.4/15

In: 265.133+/-142.422 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.641+/-92.611 χ^2/NDF : 15.4/15

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 230.180 $\pm$ 0.101 χ^2 /NDF: 298381.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.940 $\pm$ 0.086 χ^2 /NDF: 468577.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

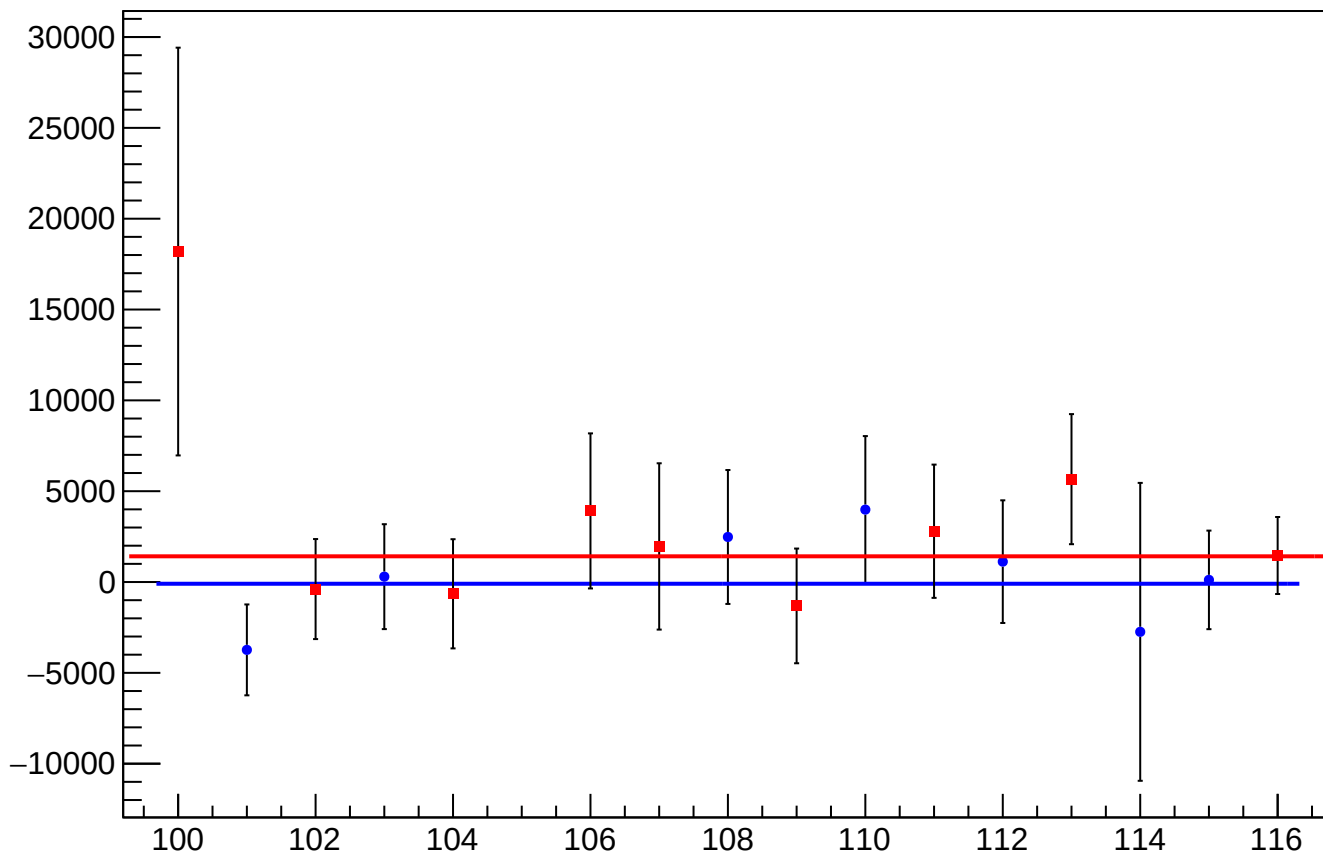
Right: 223.115 $\pm$ 0.065 χ^2 /NDF: 775484.3/15

In: 230.180 $\pm$ 0.101 χ^2 /NDF: 298381.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 223.115 $\pm$ 0.065 χ^2 /NDF: 775484.3/15

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -95.083+/-1237.624 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1415.310+/-1098.677 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

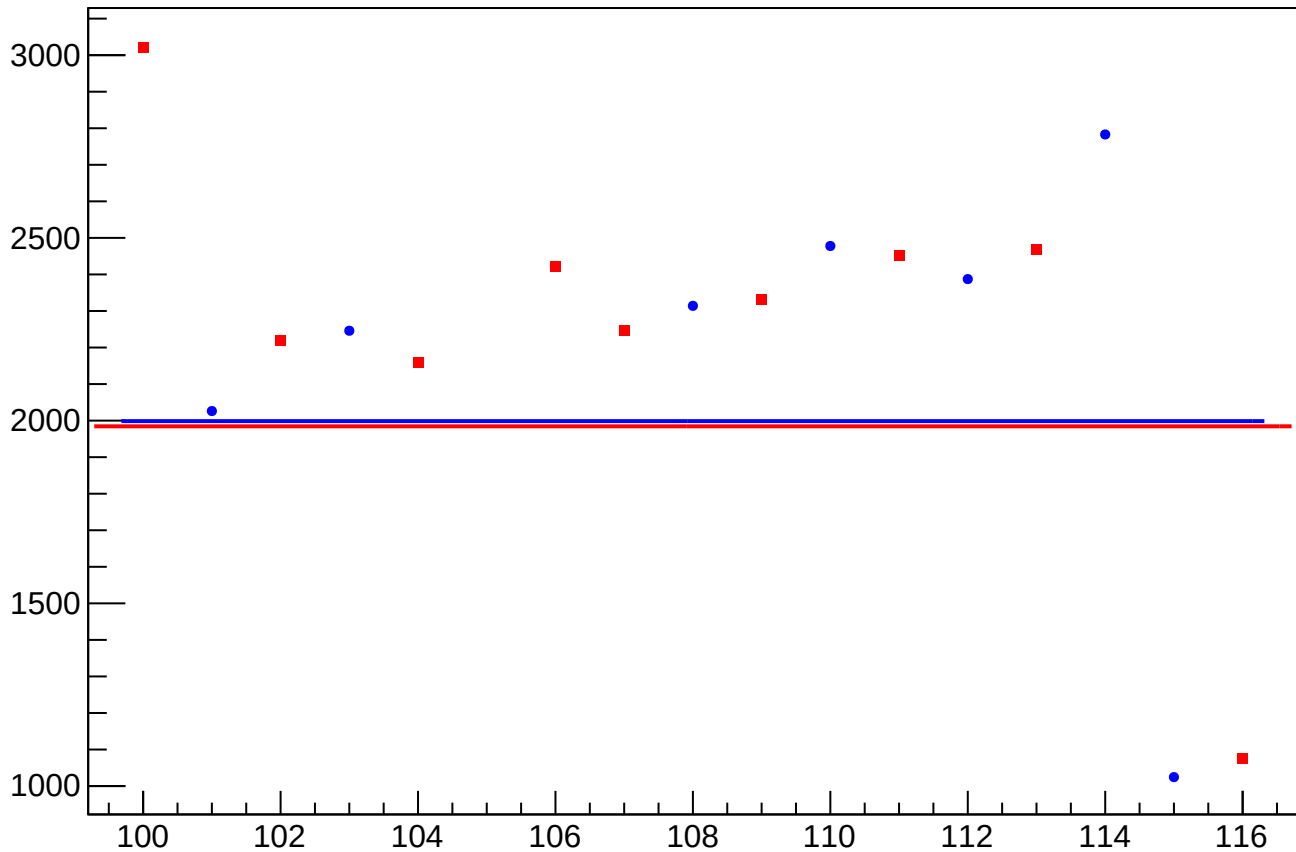
Right: 749.624+/-821.634 χ^2/NDF : 10.5/15

In: -95.083+/-1237.624 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 749.624+/-821.634 χ^2/NDF : 10.5/15

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1998.566+/-0.875 χ^2/NDF : 360234.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1984.415+/-0.777 χ^2/NDF : 526378.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

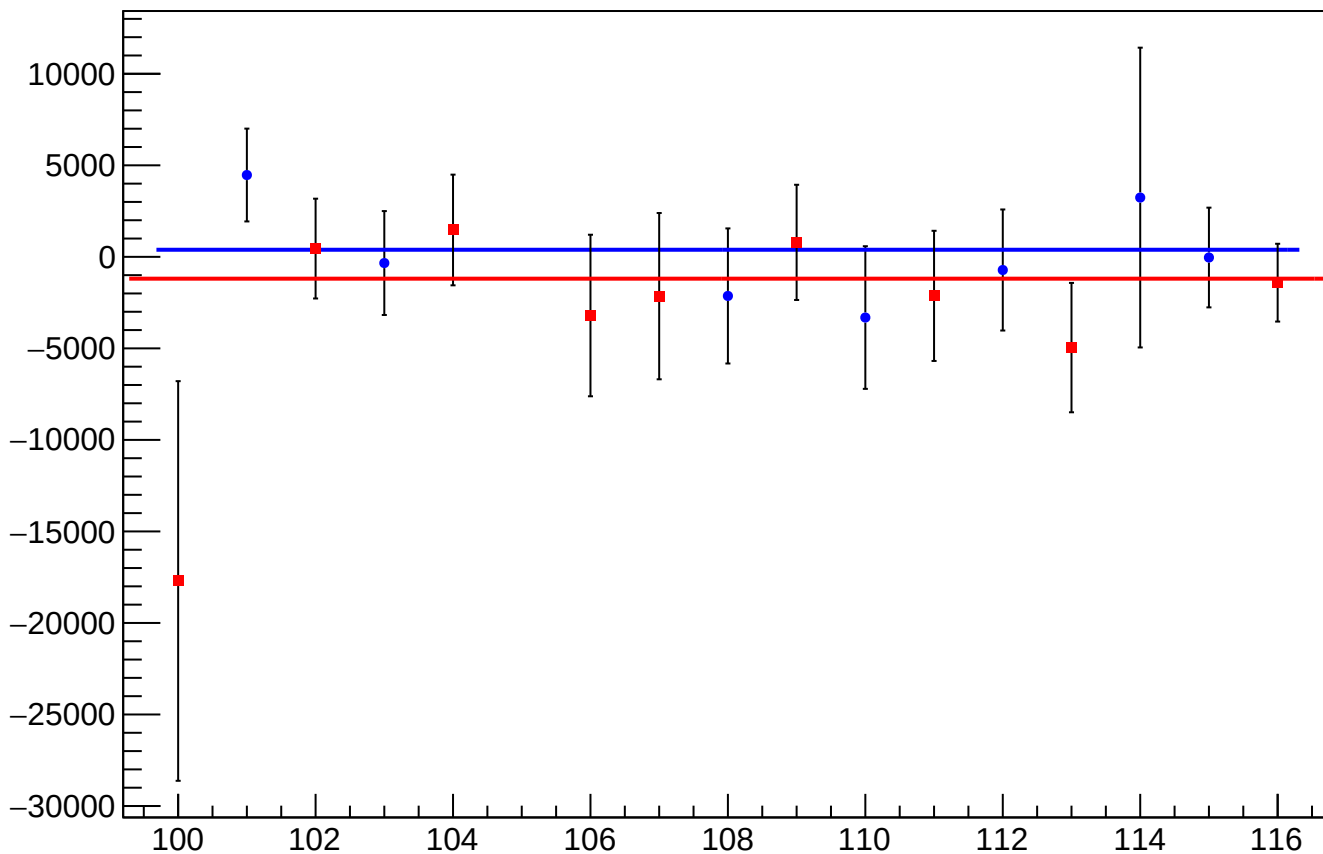
Right: 1990.652+/-0.581 χ^2/NDF : 886759.0/15

In: 1998.566+/-0.875 χ^2/NDF : 360234.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.652+/-0.581 χ^2/NDF : 886759.0/15

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 387.501+/-1230.711 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1192.309+/-1095.122 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

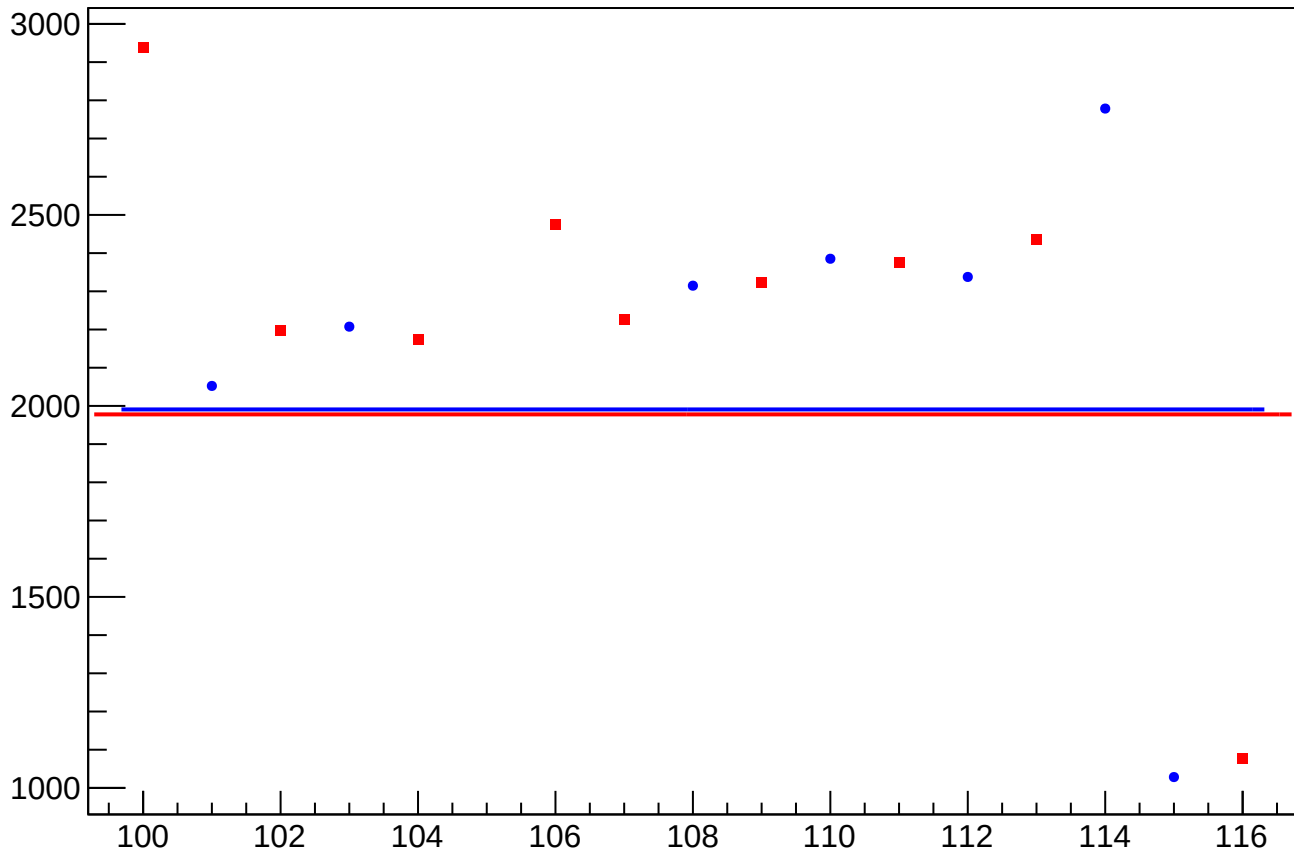
Right: -494.190+/-818.123 χ^2/NDF : 10.5/15

In: 387.501+/-1230.711 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.190+/-818.123 χ^2/NDF : 10.5/15

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1990.812+/-0.870 χ^2/NDF : 338960.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1977.821+/-0.774 χ^2/NDF : 509456.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

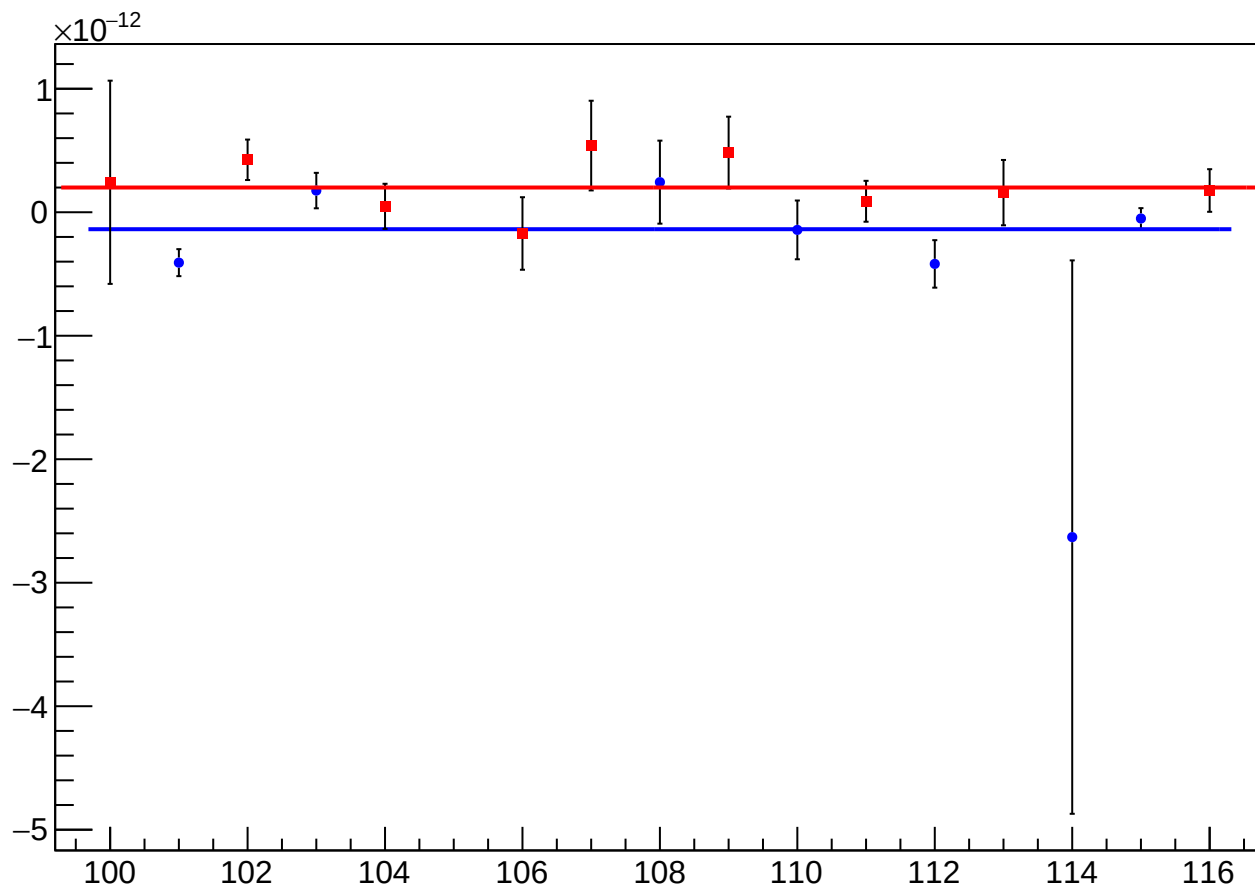
Right: 1983.562+/-0.579 χ^2/NDF : 848541.5/15

In: 1990.812+/-0.870 χ^2/NDF : 338960.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.562+/-0.579 χ^2/NDF : 848541.5/15

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 16.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.5/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

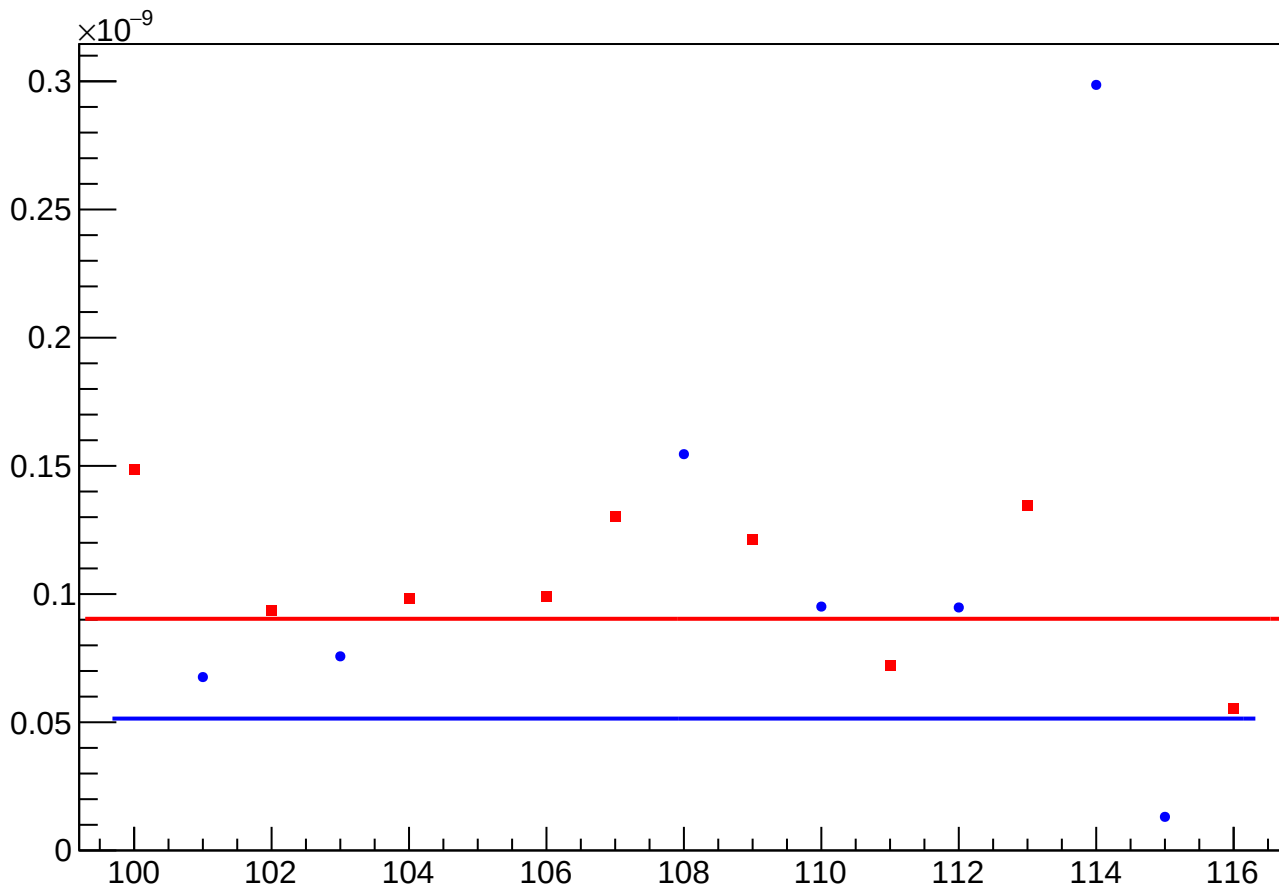
Right: -0.000+/-0.000 χ^2 /NDF: 36.6/15

In: -0.000+/-0.000 χ^2 /NDF: 16.6/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 36.6/15

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 899682.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 225176.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

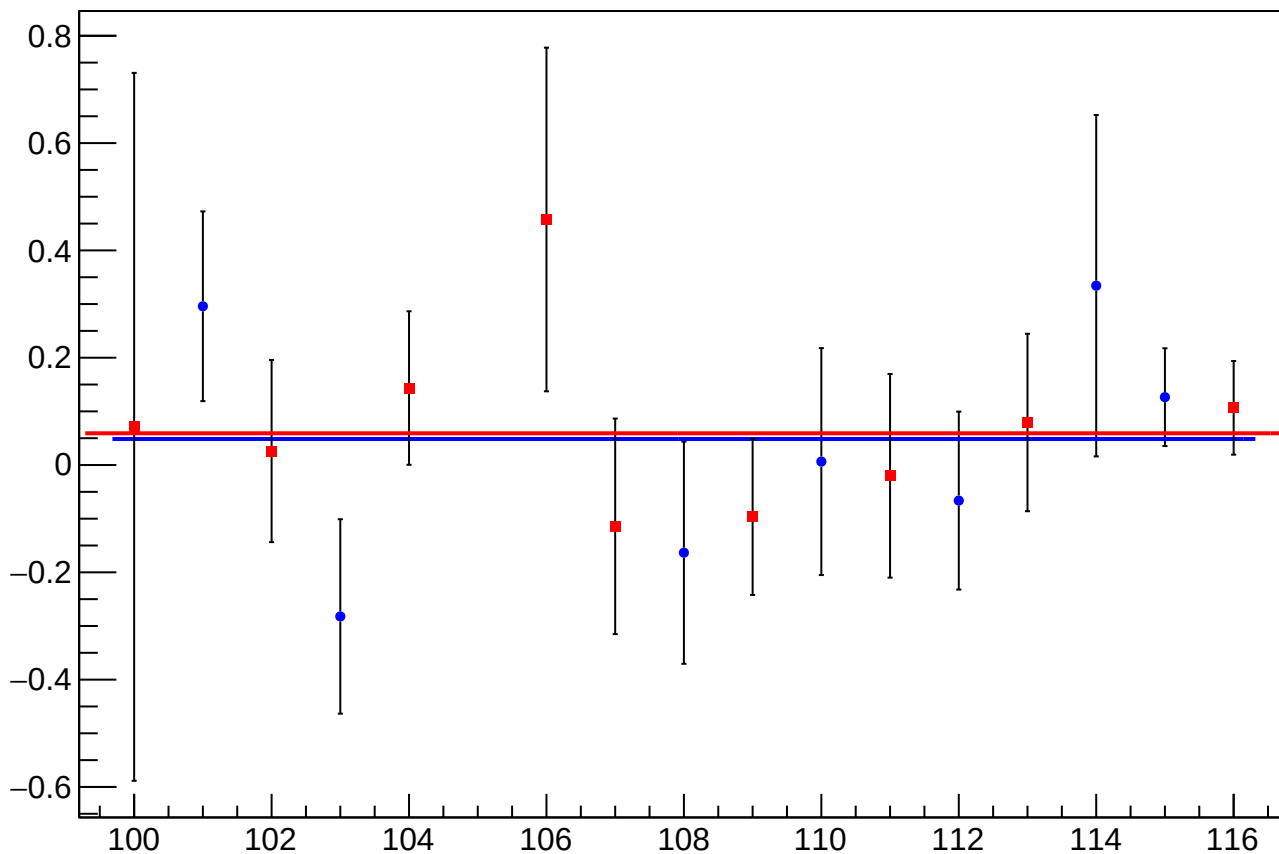
Right: 0.000+/-0.000 χ^2/NDF : 1482152.8/15

In: 0.000+/-0.000 χ^2/NDF : 899682.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1482152.8/15

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.060 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.059+/-0.052 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

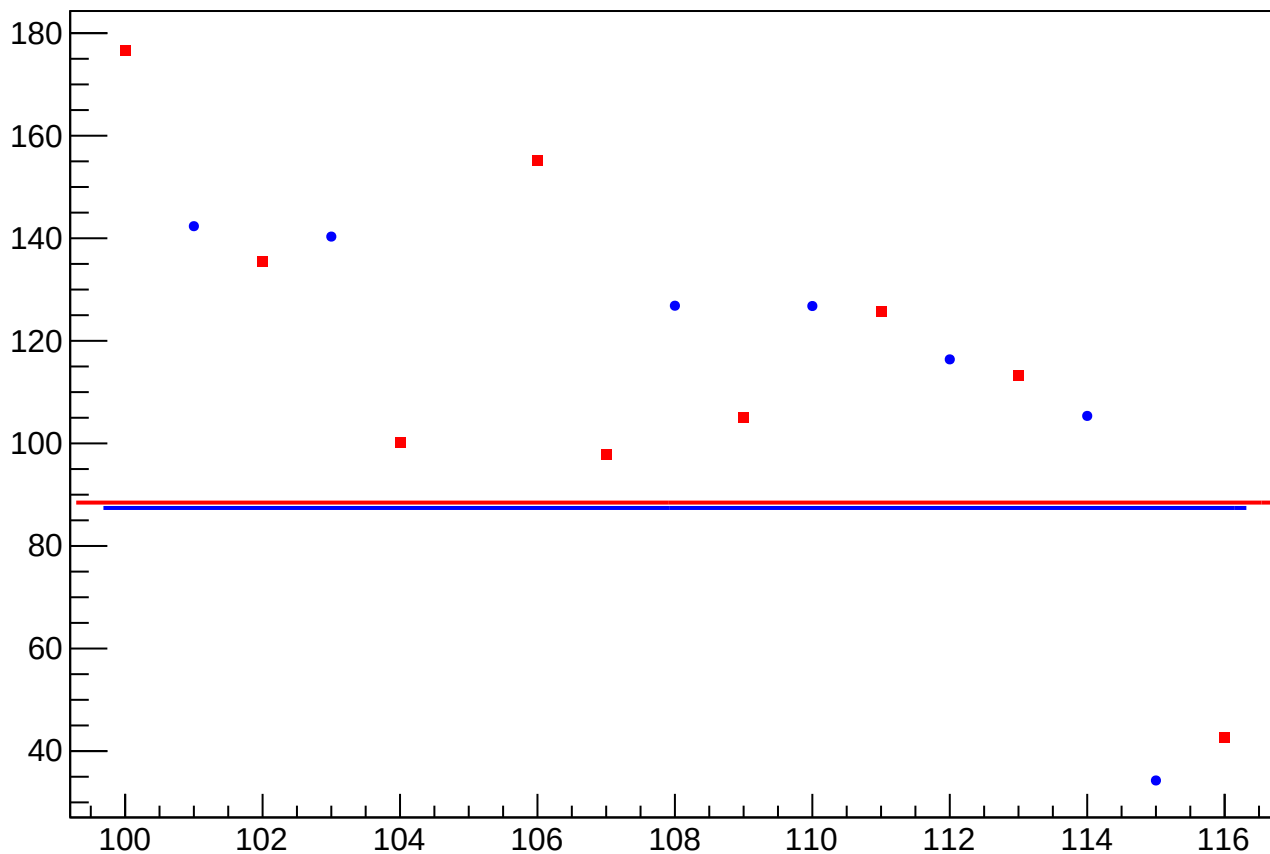
Right: 0.055+/-0.040 χ^2/NDF : 12.7/15

In: 0.049+/-0.060 χ^2/NDF :8.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.055+/-0.040 χ^2/NDF : 12.7/15

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.410+/-0.043 χ^2/NDF : 1253244.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.460+/-0.037 χ^2/NDF : 993323.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

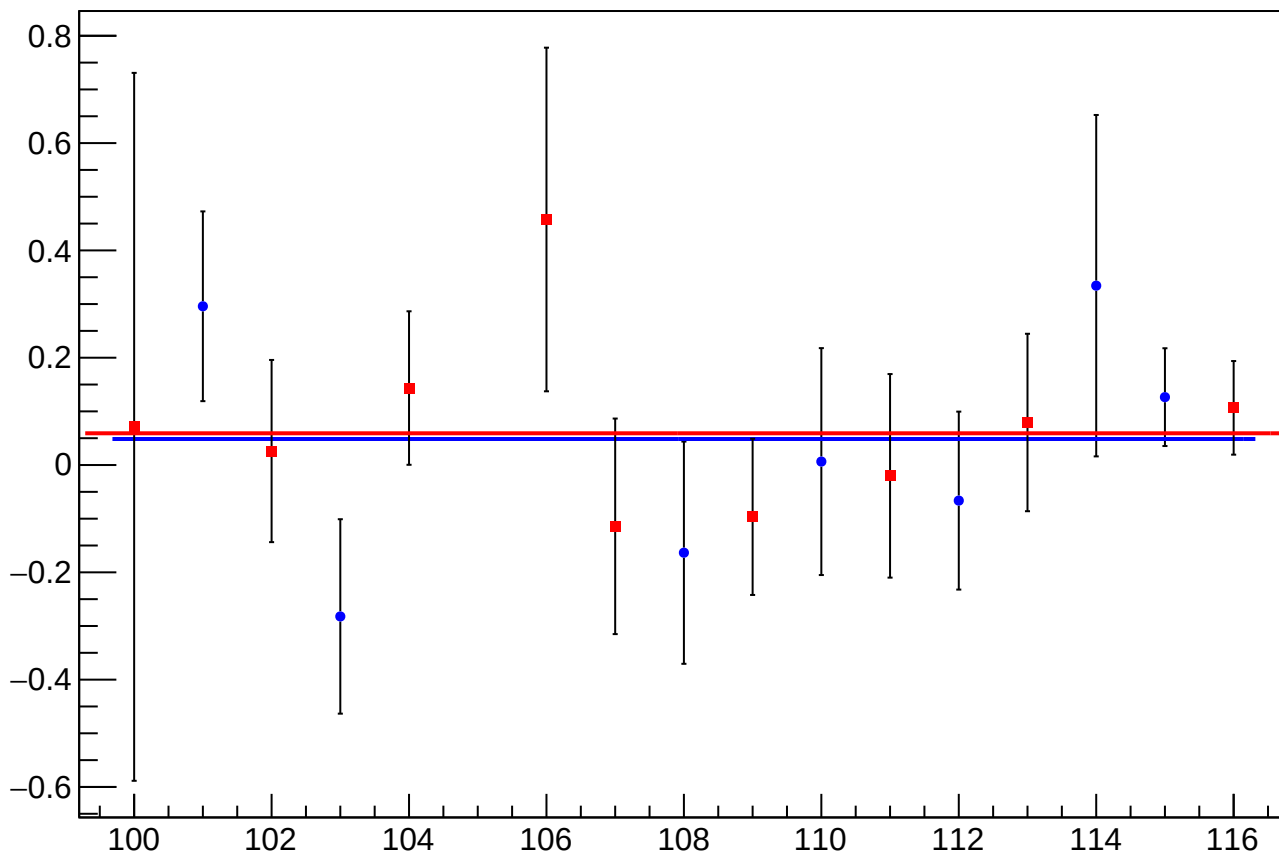
Right: 88.007+/-0.028 χ^2/NDF : 2246912.7/15

In: 87.410+/-0.043 χ^2/NDF : 1253244.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.007+/-0.028 χ^2/NDF : 2246912.7/15

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.060 χ^2 /NDF: 8.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.059 $\pm$ 0.052 χ^2 /NDF: 4.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

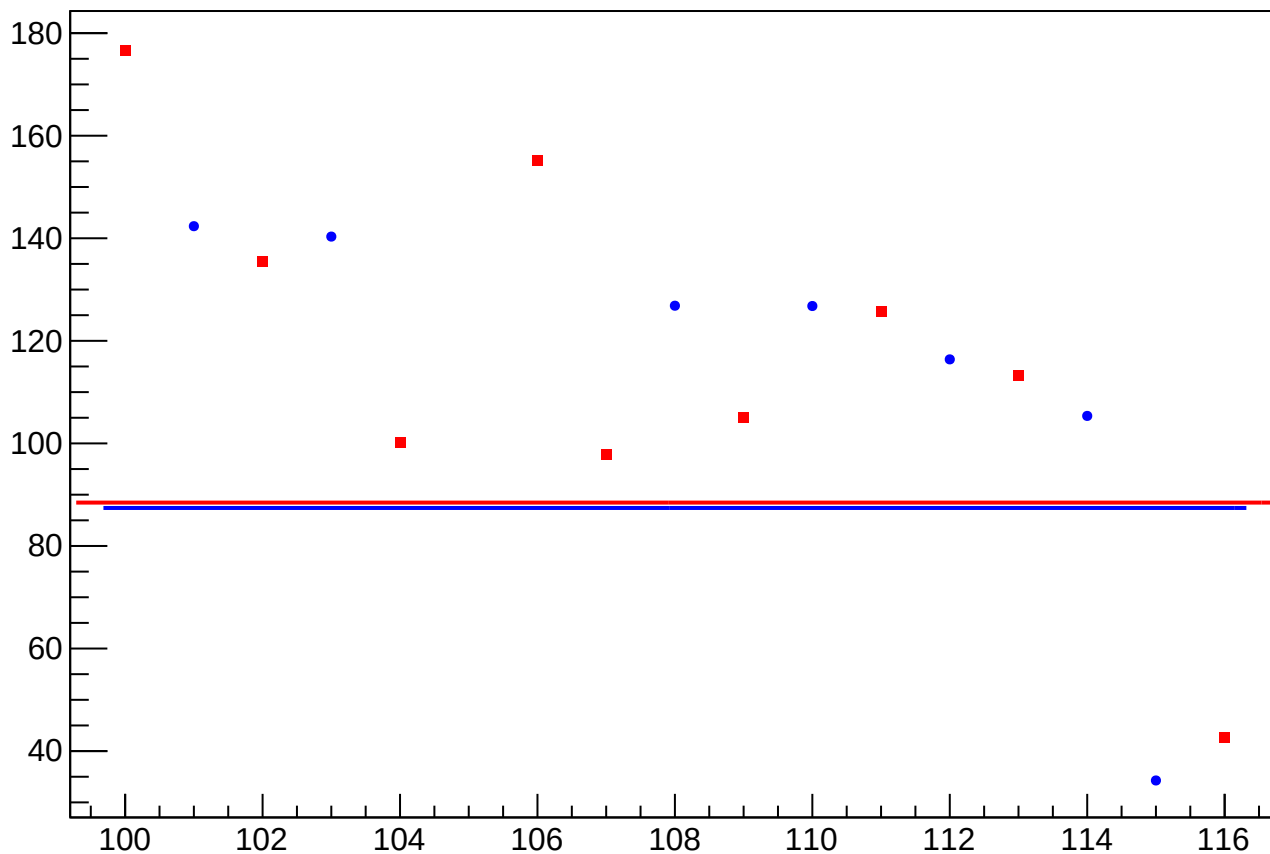
Right: 0.055 $\pm$ 0.040 χ^2 /NDF: 12.7/15

In: 0.049 $\pm$ 0.060 χ^2 /NDF:8.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.055 $\pm$ 0.040 χ^2 /NDF: 12.7/15

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.410+/-0.043 χ^2/NDF : 1253244.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.460+/-0.037 χ^2/NDF : 993323.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

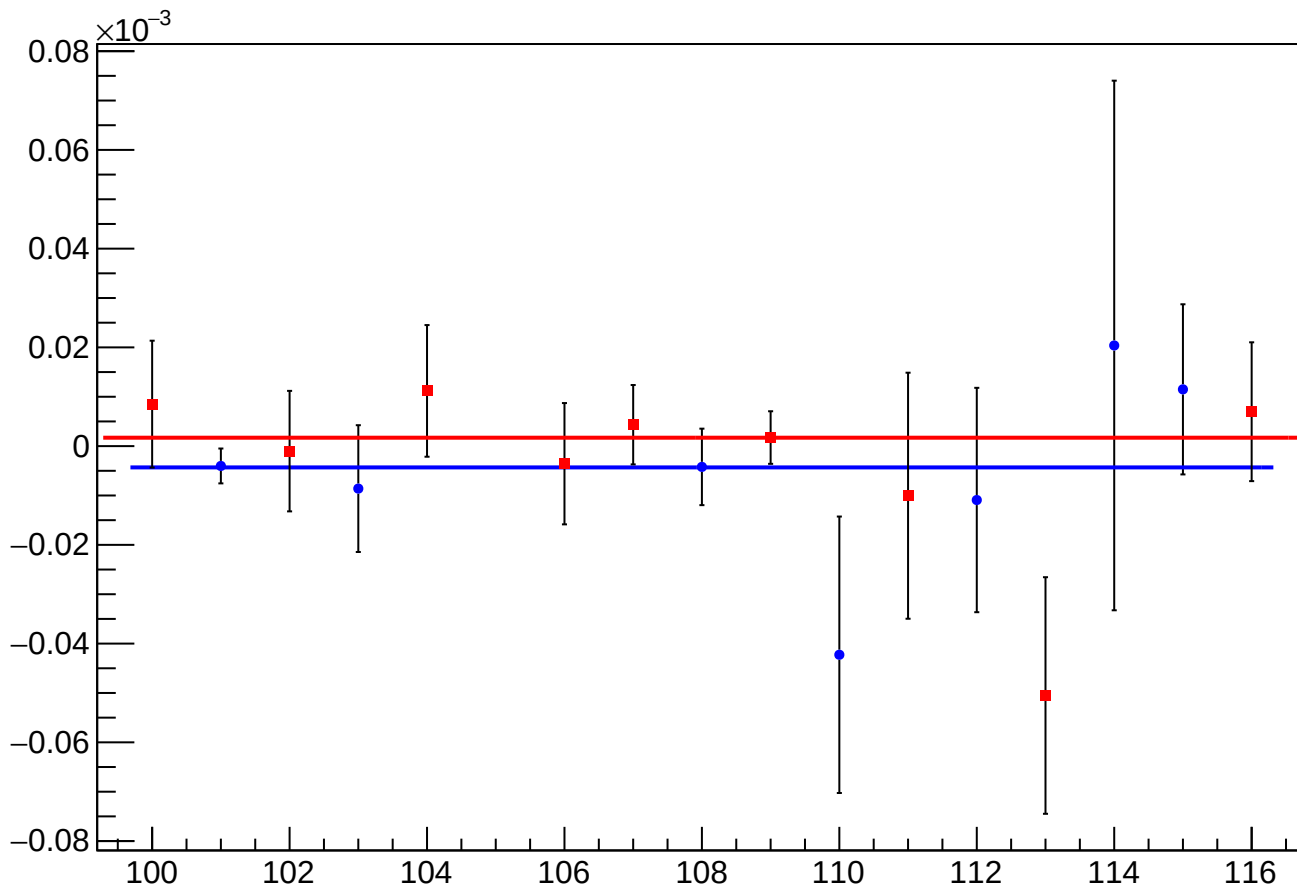
Right: 88.007+/-0.028 χ^2/NDF : 2246912.7/15

In: 87.410+/-0.043 χ^2/NDF : 1253244.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.007+/-0.028 χ^2/NDF : 2246912.7/15

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

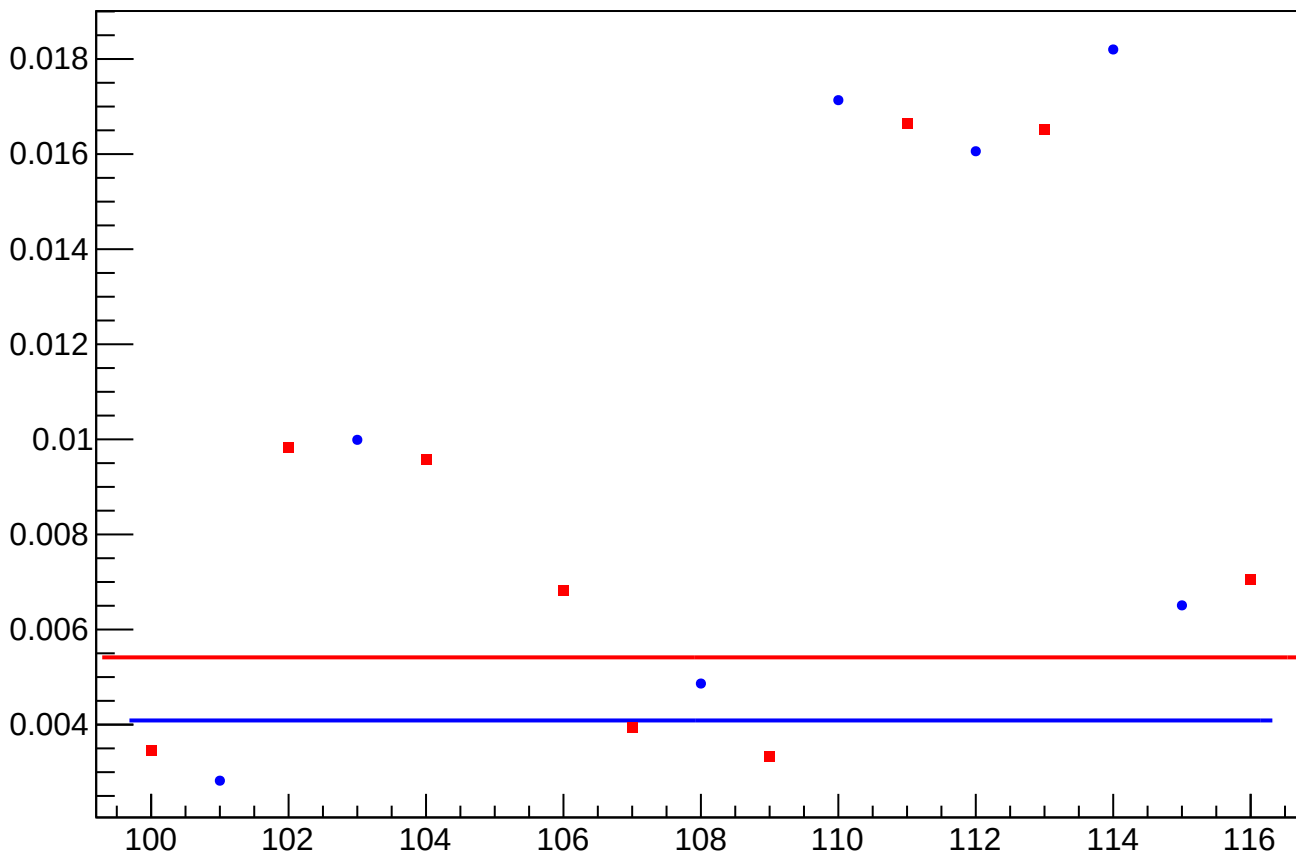
Right: -0.000+/-0.000 χ^2/NDF : 11.1/15

In: -0.000+/-0.000 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/15

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1867453.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1764757.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

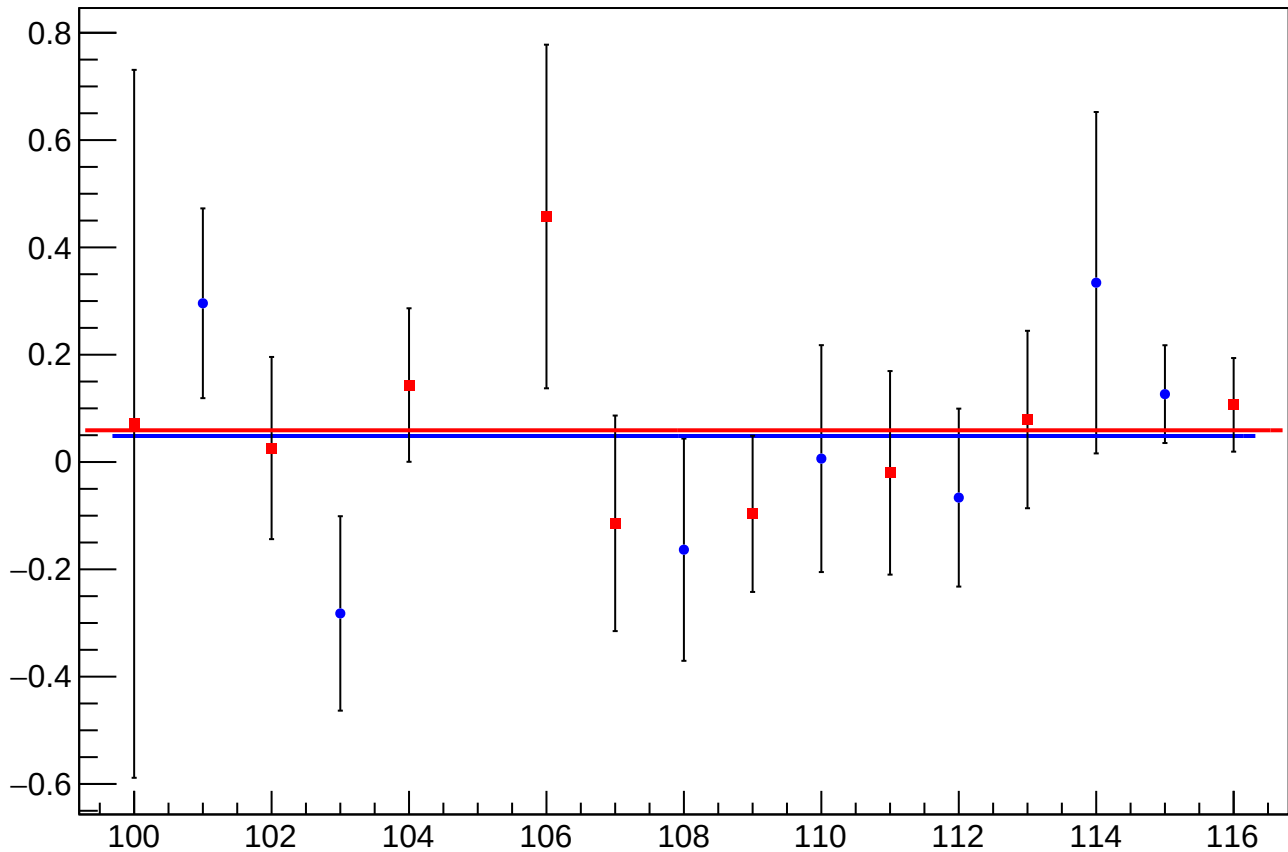
Right: 0.005+/-0.000 χ^2/NDF : 3800070.3/15

In: 0.004+/-0.000 χ^2/NDF : 1867453.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3800070.3/15

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.060 χ^2 /NDF: 8.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.059 $\pm$ 0.052 χ^2 /NDF: 4.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

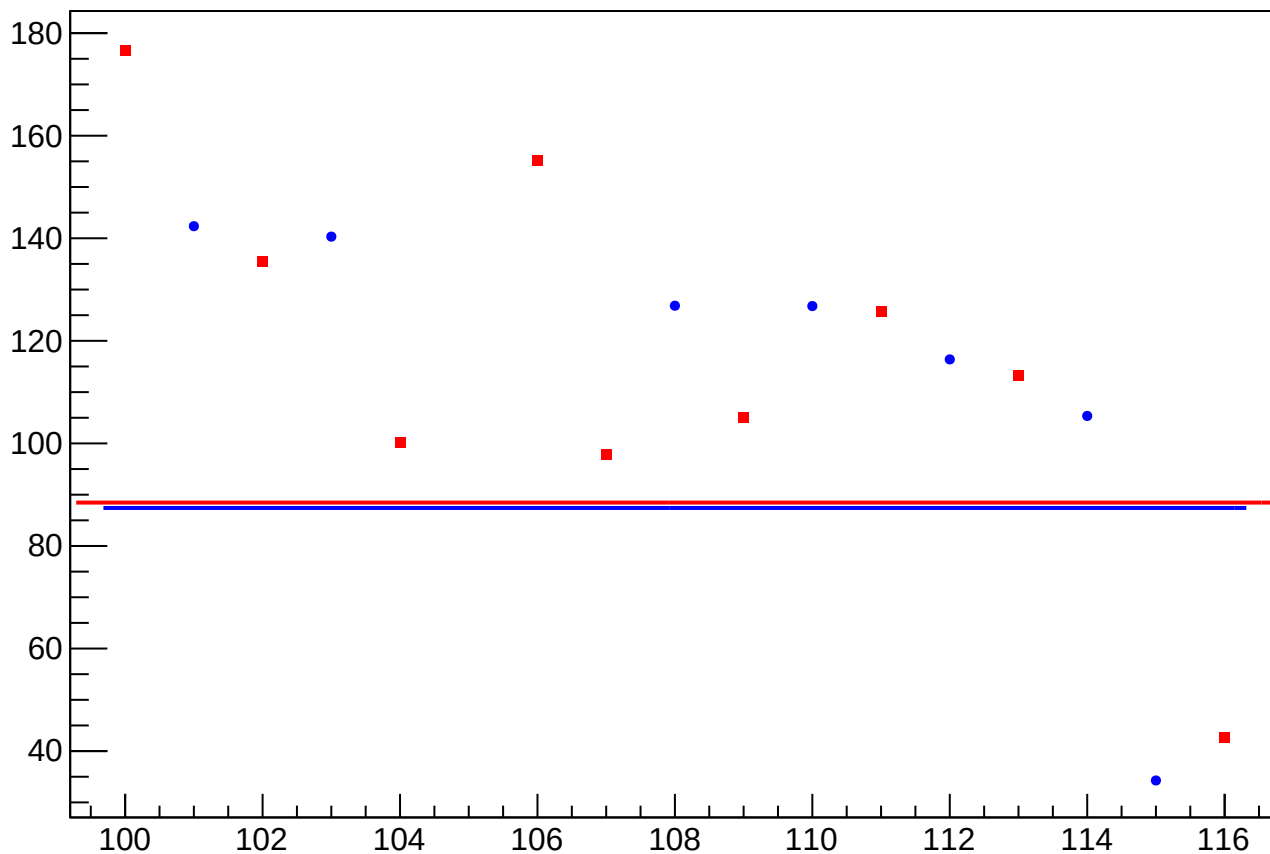
Right: 0.055 $\pm$ 0.040 χ^2 /NDF: 12.7/15

In: 0.049 $\pm$ 0.060 χ^2 /NDF:8.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.055 $\pm$ 0.040 χ^2 /NDF: 12.7/15

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.411+/-0.043 χ^2/NDF : 1253113.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.461+/-0.037 χ^2/NDF : 993174.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

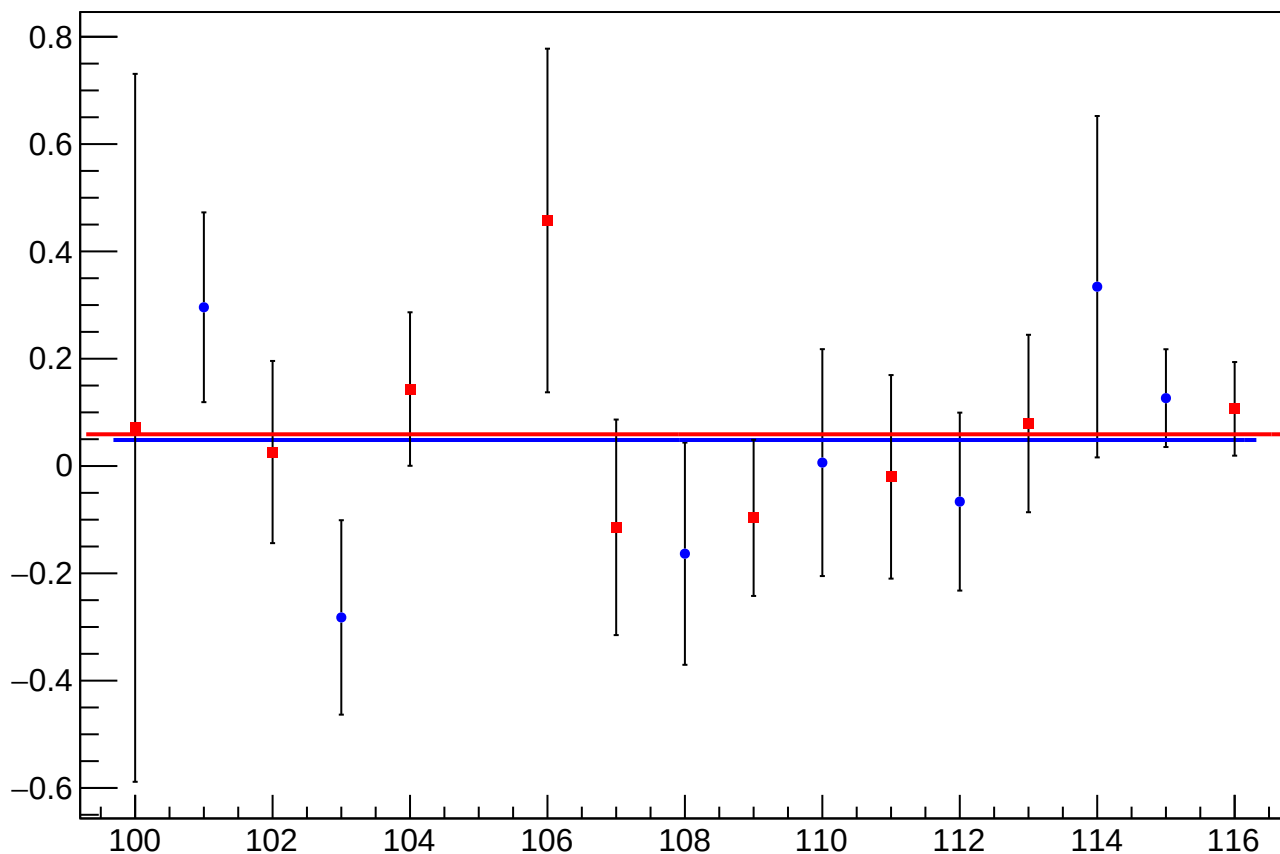
Right: 88.009+/-0.028 χ^2/NDF : 2246633.3/15

In: 87.411+/-0.043 χ^2/NDF : 1253113.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.009+/-0.028 χ^2/NDF : 2246633.3/15

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.060 χ^2 /NDF: 8.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.059 $\pm$ 0.052 χ^2 /NDF: 4.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

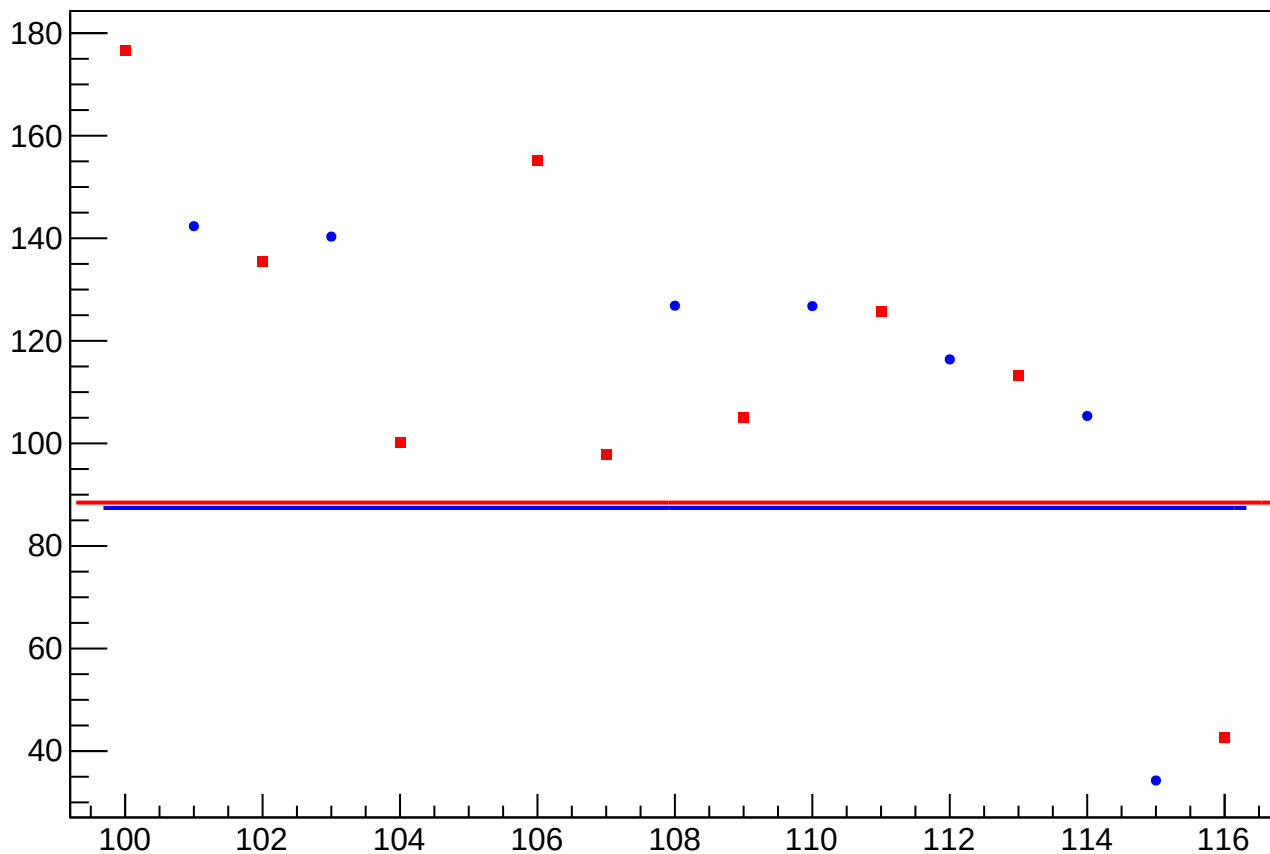
Right: 0.055 $\pm$ 0.040 χ^2 /NDF: 12.7/15

In: 0.049 $\pm$ 0.060 χ^2 /NDF:8.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.055 $\pm$ 0.040 χ^2 /NDF: 12.7/15

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.411+/-0.043 χ^2/NDF : 1253113.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.461+/-0.037 χ^2/NDF : 993174.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

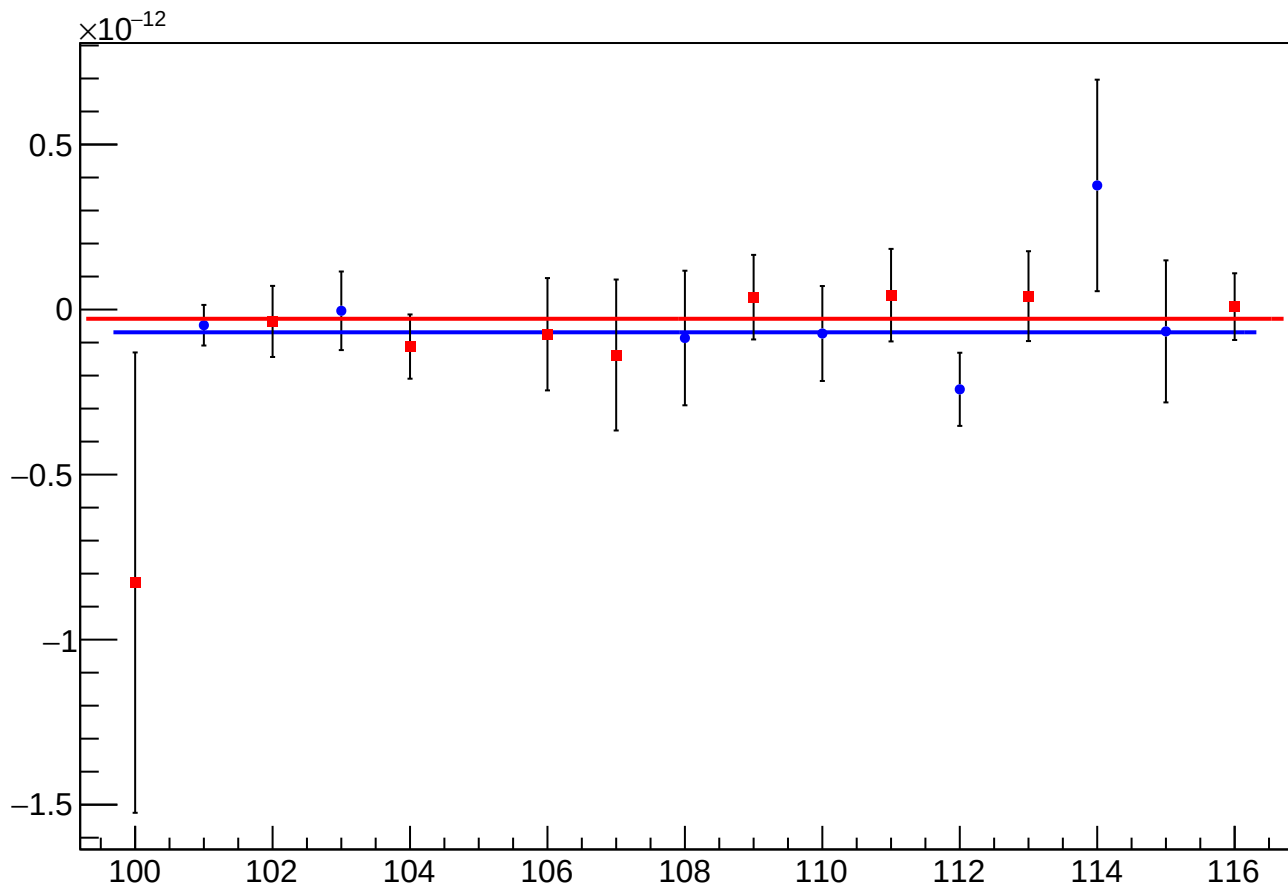
Right: 88.009+/-0.028 χ^2/NDF : 2246633.3/15

In: 87.411+/-0.043 χ^2/NDF : 1253113.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.009+/-0.028 χ^2/NDF : 2246633.3/15

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

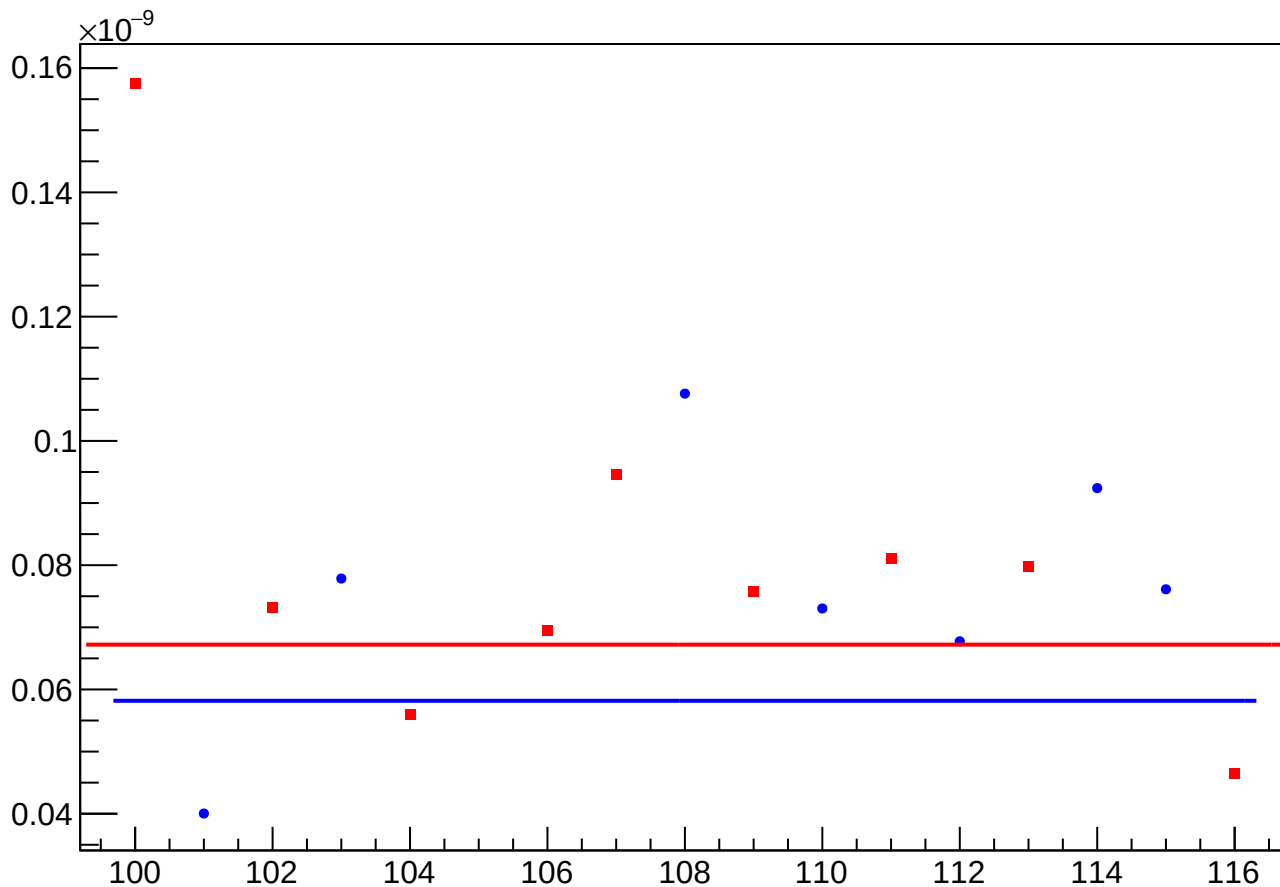
Right: -0.000+/-0.000 χ^2/NDF : 8.5/15

In: -0.000+/-0.000 χ^2/NDF : 4.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/15

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 419327.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 225065.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

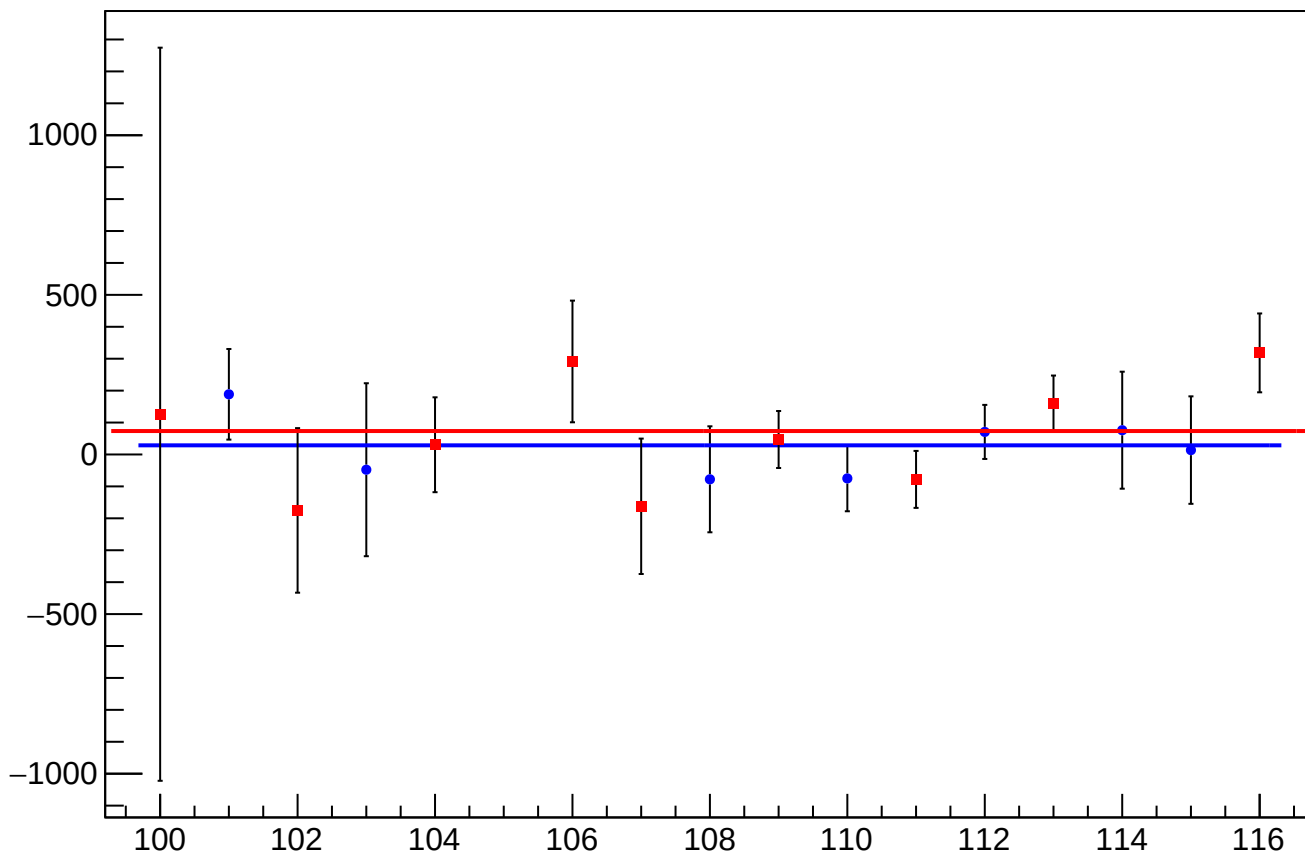
Right: 0.000+/-0.000 χ^2/NDF : 686508.2/15

In: 0.000+/-0.000 χ^2/NDF : 419327.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 686508.2/15

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 28.631+/-50.098 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.412+/-42.353 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

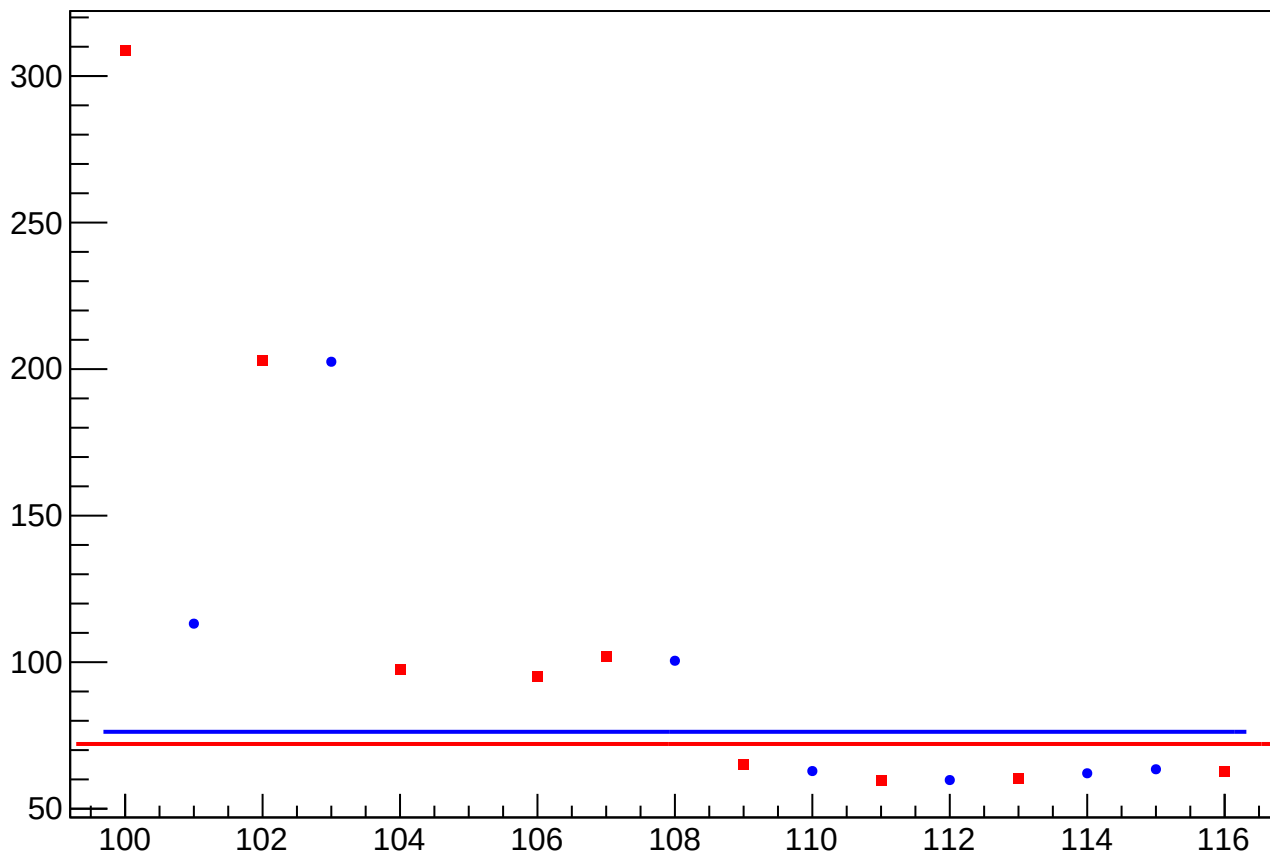
Right: 54.747+/-32.344 χ^2/NDF : 15.0/15

In: 28.631+/-50.098 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.747+/-32.344 χ^2/NDF : 15.0/15

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.244+/-0.035 χ^2/NDF : 745153.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.090+/-0.030 χ^2/NDF : 824469.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

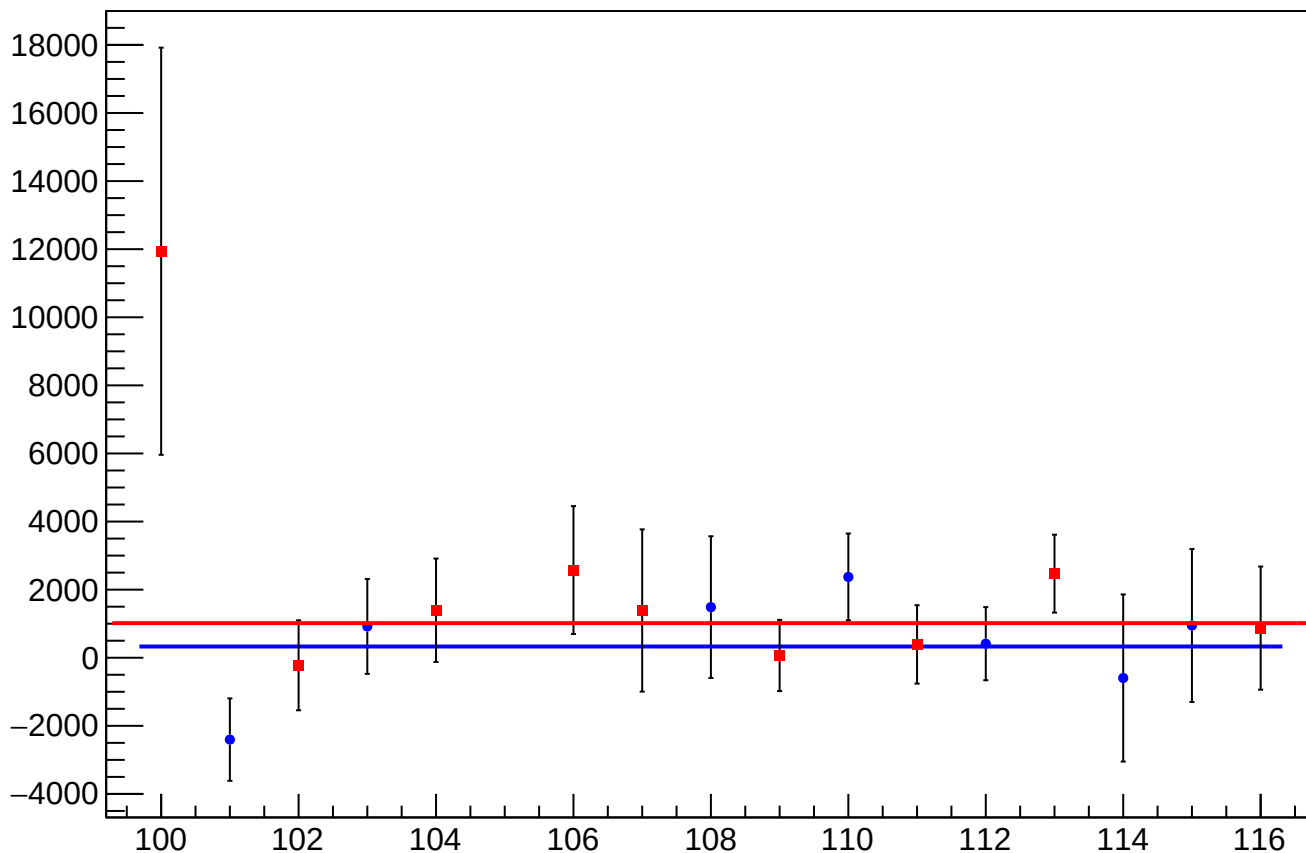
Right: 73.821+/-0.023 χ^2/NDF : 1577641.4/15

In: 76.244+/-0.035 χ^2/NDF : 745153.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.821+/-0.023 χ^2/NDF : 1577641.4/15

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 330.235+/-552.626 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1015.474+/-486.022 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

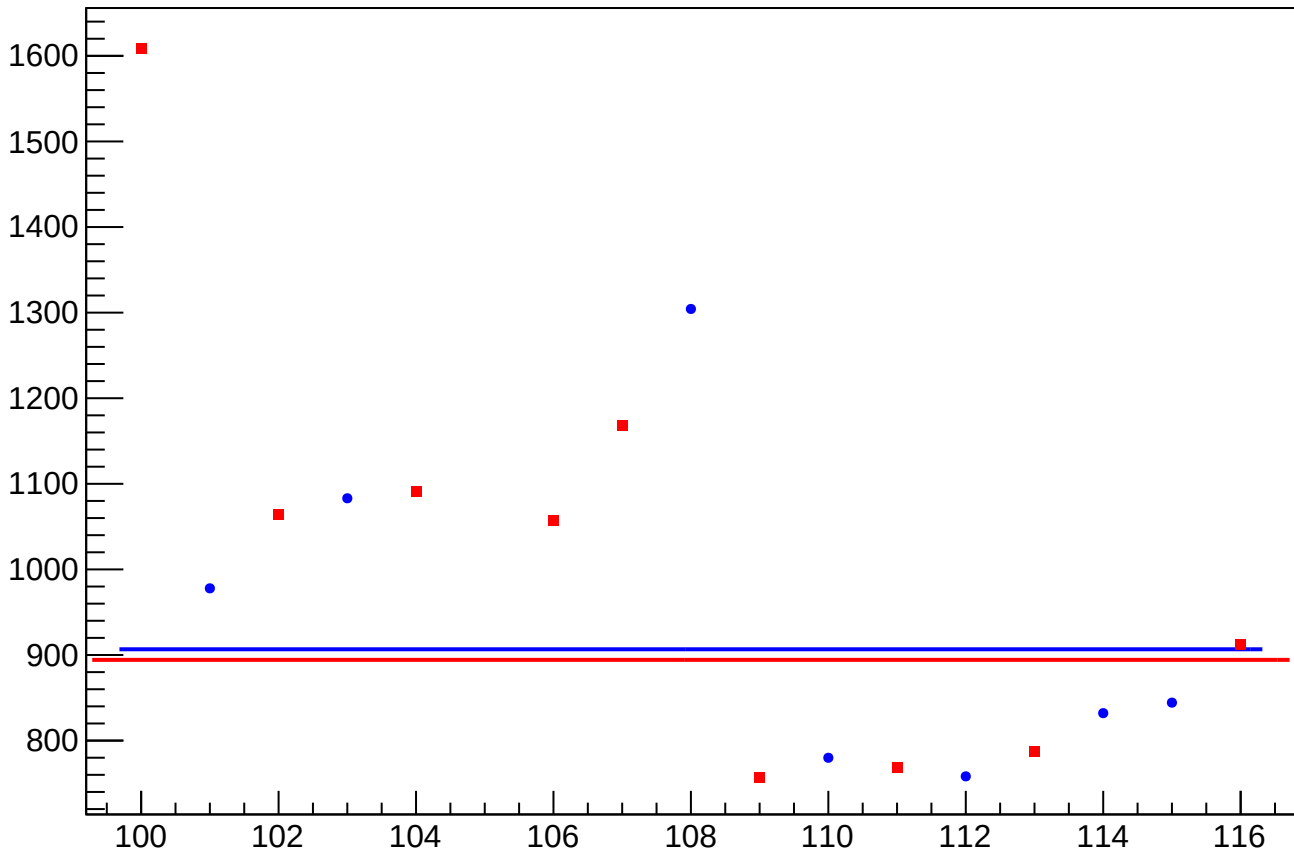
Right: 716.617+/-364.958 χ^2/NDF : 17.0/15

In: 330.235+/-552.626 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.617+/-364.958 χ^2/NDF : 17.0/15

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 906.696+/-0.391 χ^2/NDF : 173334.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.316+/-0.344 χ^2/NDF : 212673.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

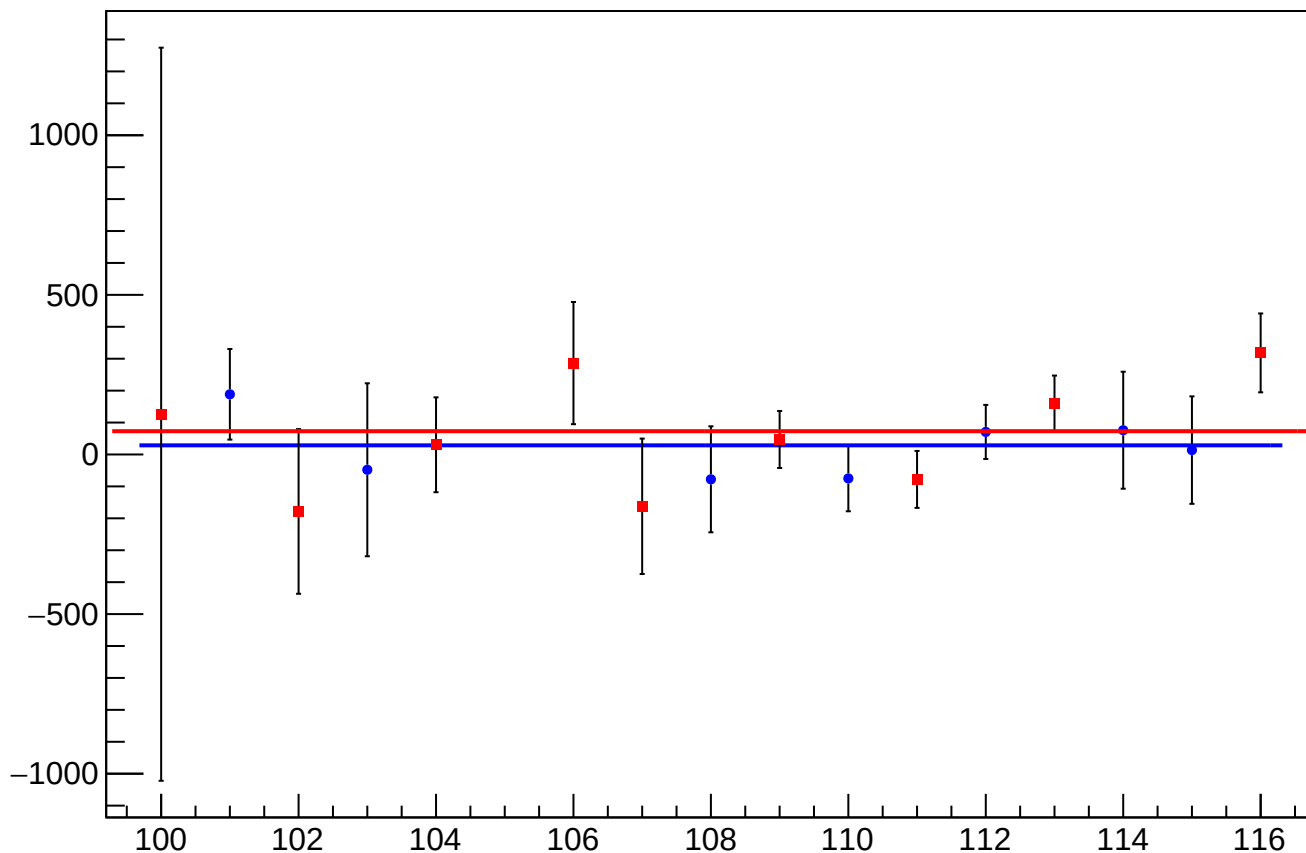
Right: 899.715+/-0.258 χ^2/NDF : 386573.8/15

In: 906.696+/-0.391 χ^2/NDF : 173334.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 899.715+/-0.258 χ^2/NDF : 386573.8/15

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 28.613+/-50.098 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.980+/-42.363 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

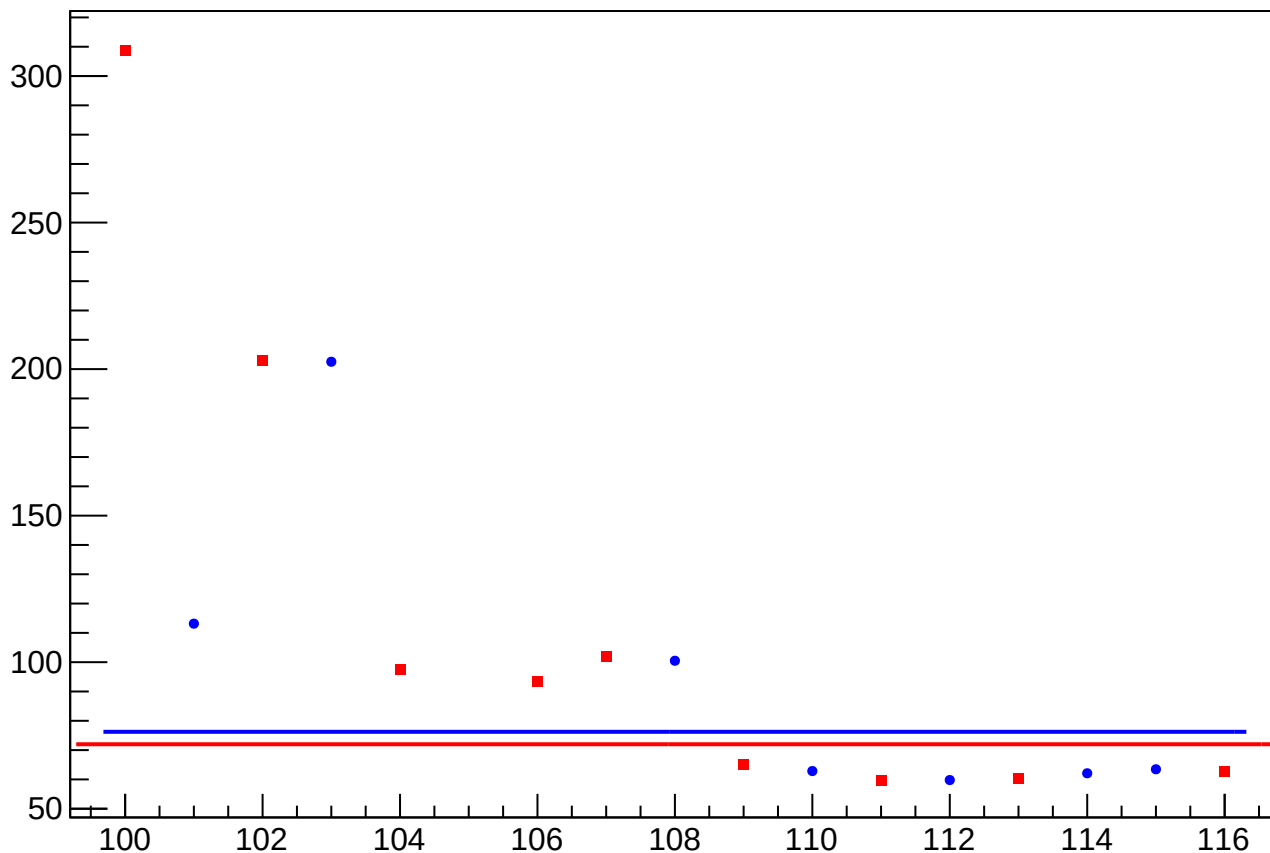
Right: 54.483+/-32.348 χ^2/NDF : 14.9/15

In: 28.613+/-50.098 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.483+/-32.348 χ^2/NDF : 14.9/15

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.244+/-0.035 χ^2/NDF : 745155.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.996+/-0.030 χ^2/NDF : 820320.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

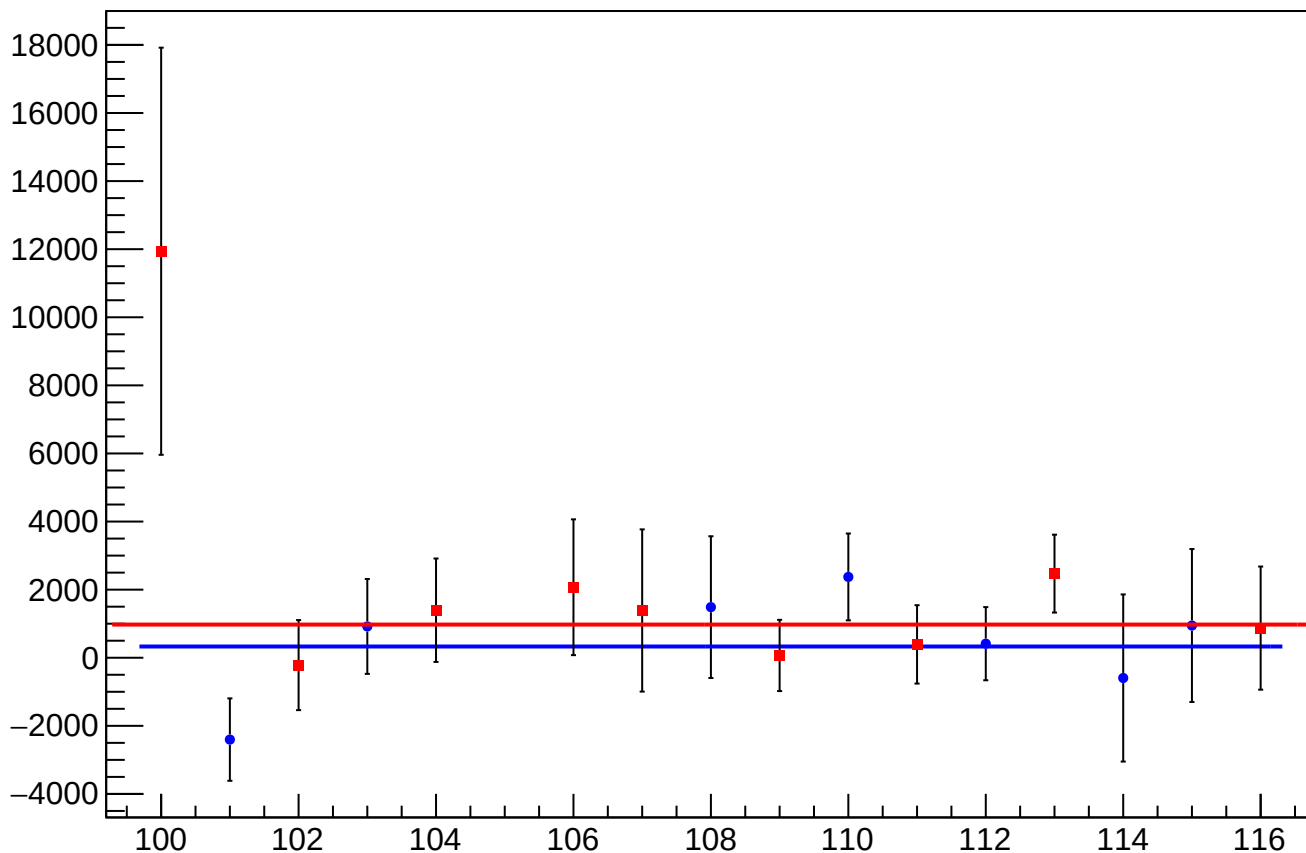
Right: 73.767+/-0.023 χ^2/NDF : 1573858.4/15

In: 76.244+/-0.035 χ^2/NDF : 745155.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.767+/-0.023 χ^2/NDF : 1573858.4/15

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 330.284+/-552.635 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.512+/-487.926 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

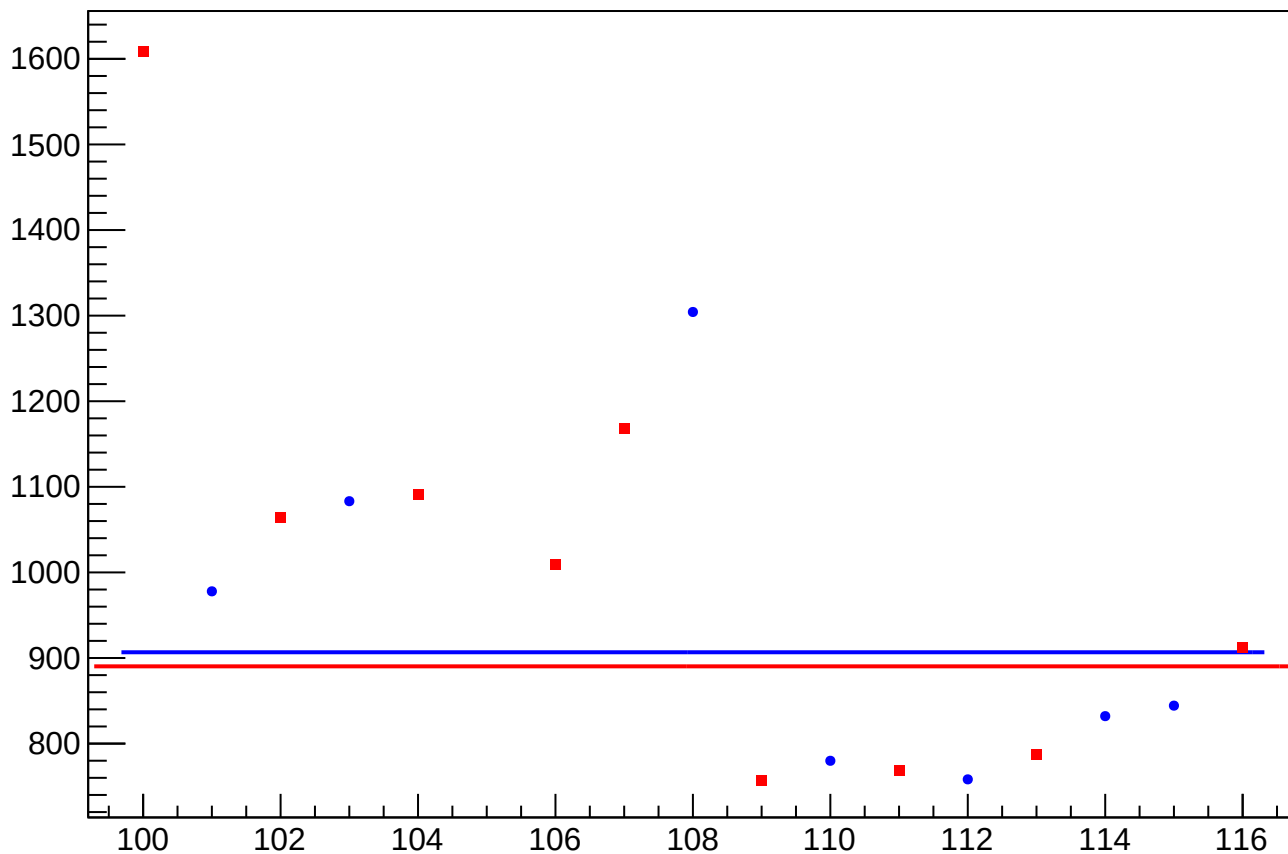
Right: 692.306+/-365.764 χ^2/NDF : 16.5/15

In: 330.284+/-552.635 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.306+/-365.764 χ^2/NDF : 16.5/15

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 906.708+/-0.391 χ^2/NDF : 173368.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 890.257+/-0.345 χ^2/NDF : 204348.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

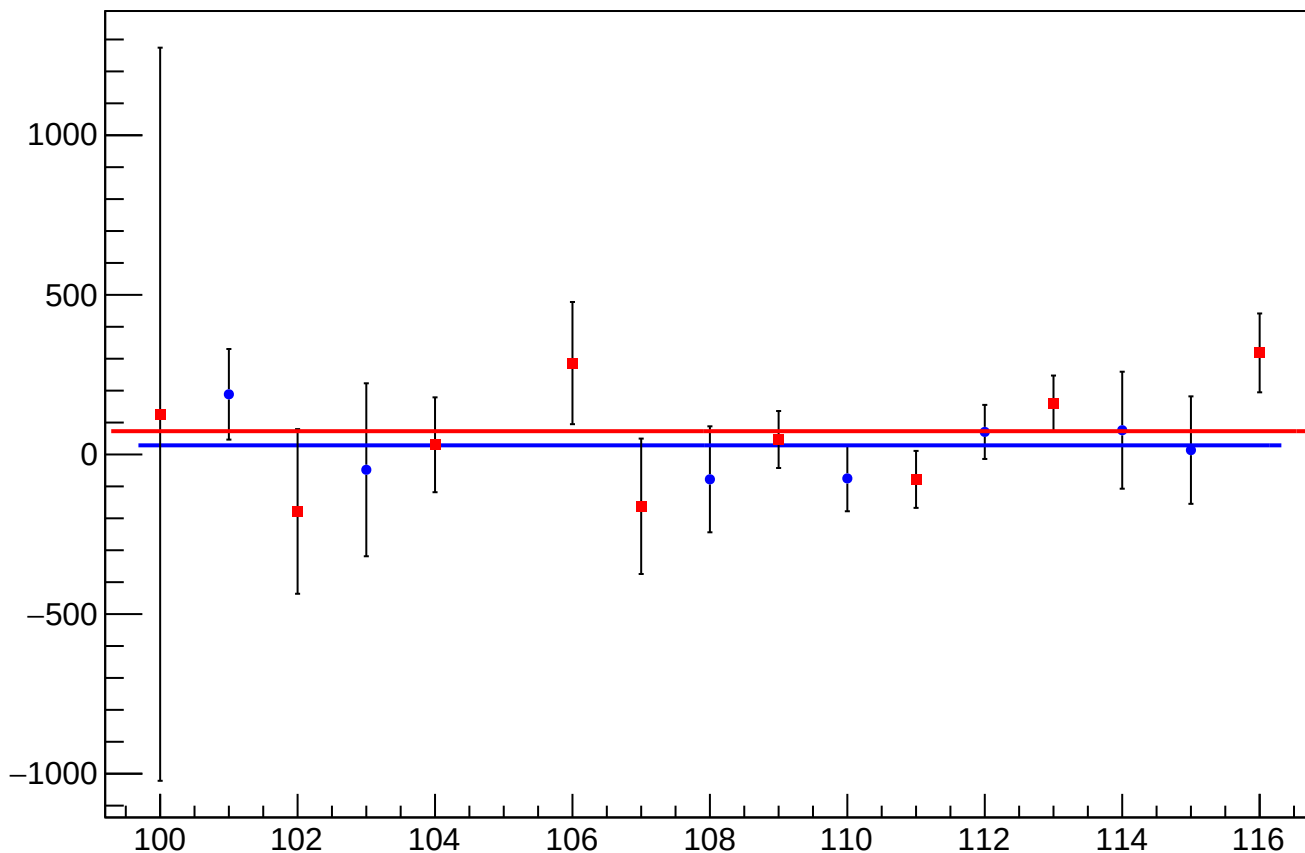
Right: 897.463+/-0.259 χ^2/NDF : 378713.0/15

In: 906.708+/-0.391 χ^2/NDF : 173368.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.463+/-0.259 χ^2/NDF : 378713.0/15

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 28.613+/-50.098 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.980+/-42.363 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

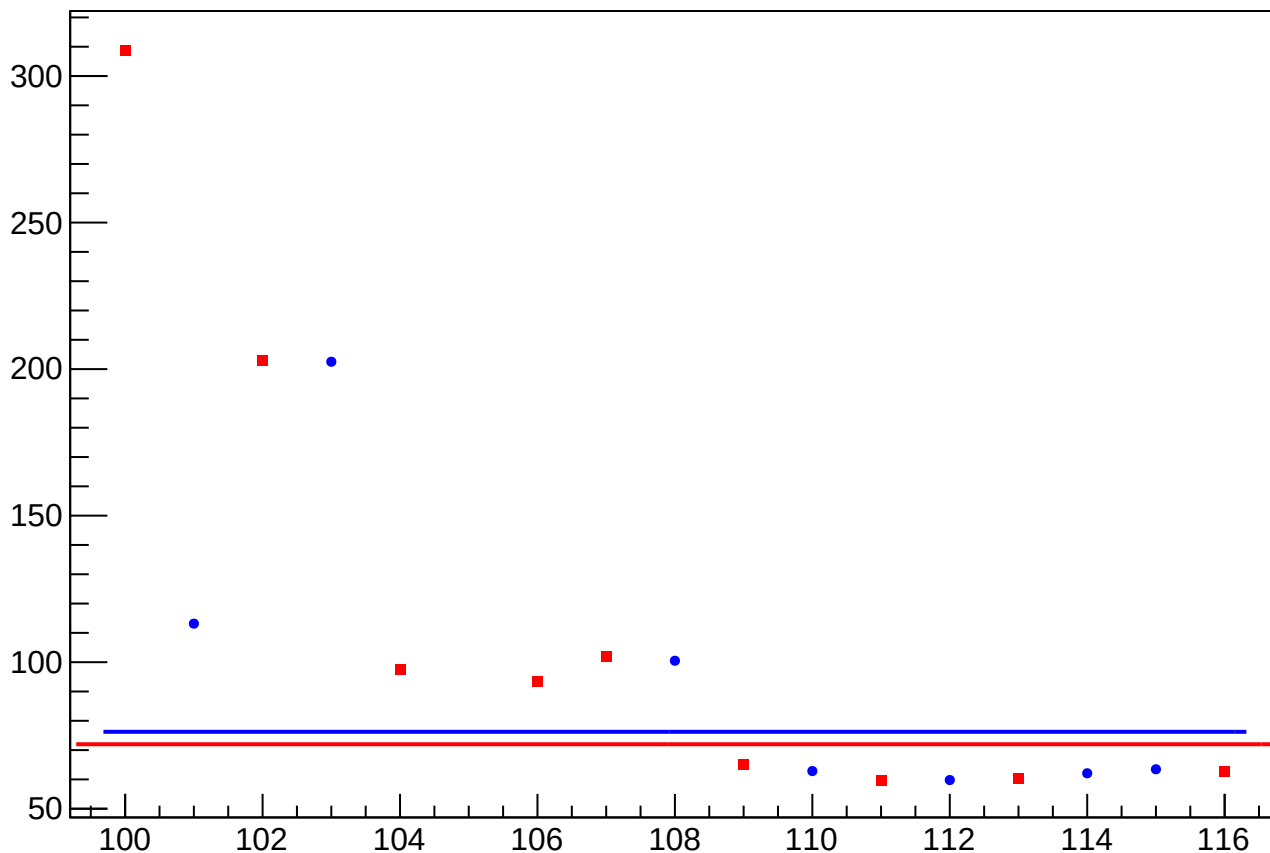
Right: 54.483+/-32.348 χ^2/NDF : 14.9/15

In: 28.613+/-50.098 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.483+/-32.348 χ^2/NDF : 14.9/15

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.244+/-0.035 χ^2/NDF : 745155.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.996+/-0.030 χ^2/NDF : 820320.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

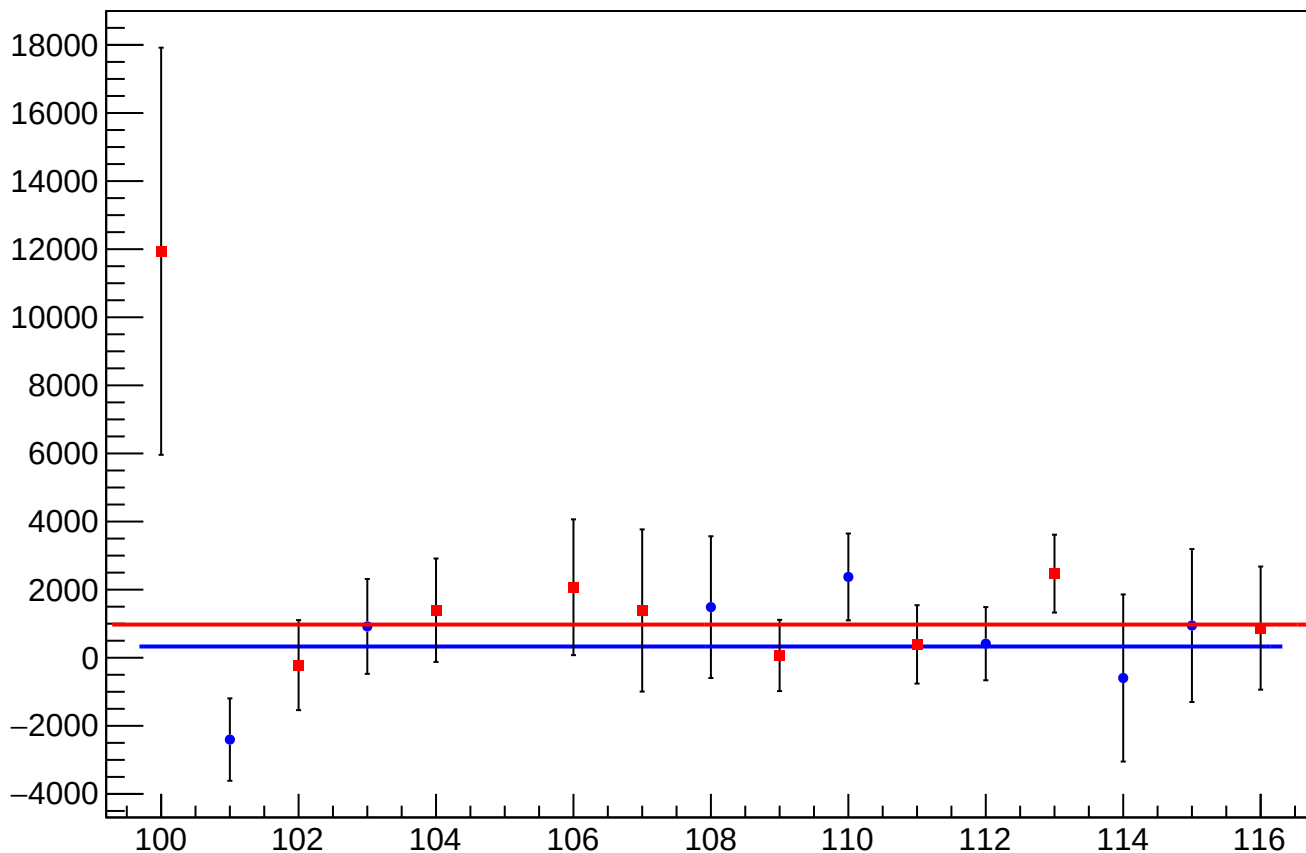
Right: 73.767+/-0.023 χ^2/NDF : 1573858.4/15

In: 76.244+/-0.035 χ^2/NDF : 745155.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.767+/-0.023 χ^2/NDF : 1573858.4/15

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 330.284+/-552.635 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.512+/-487.926 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

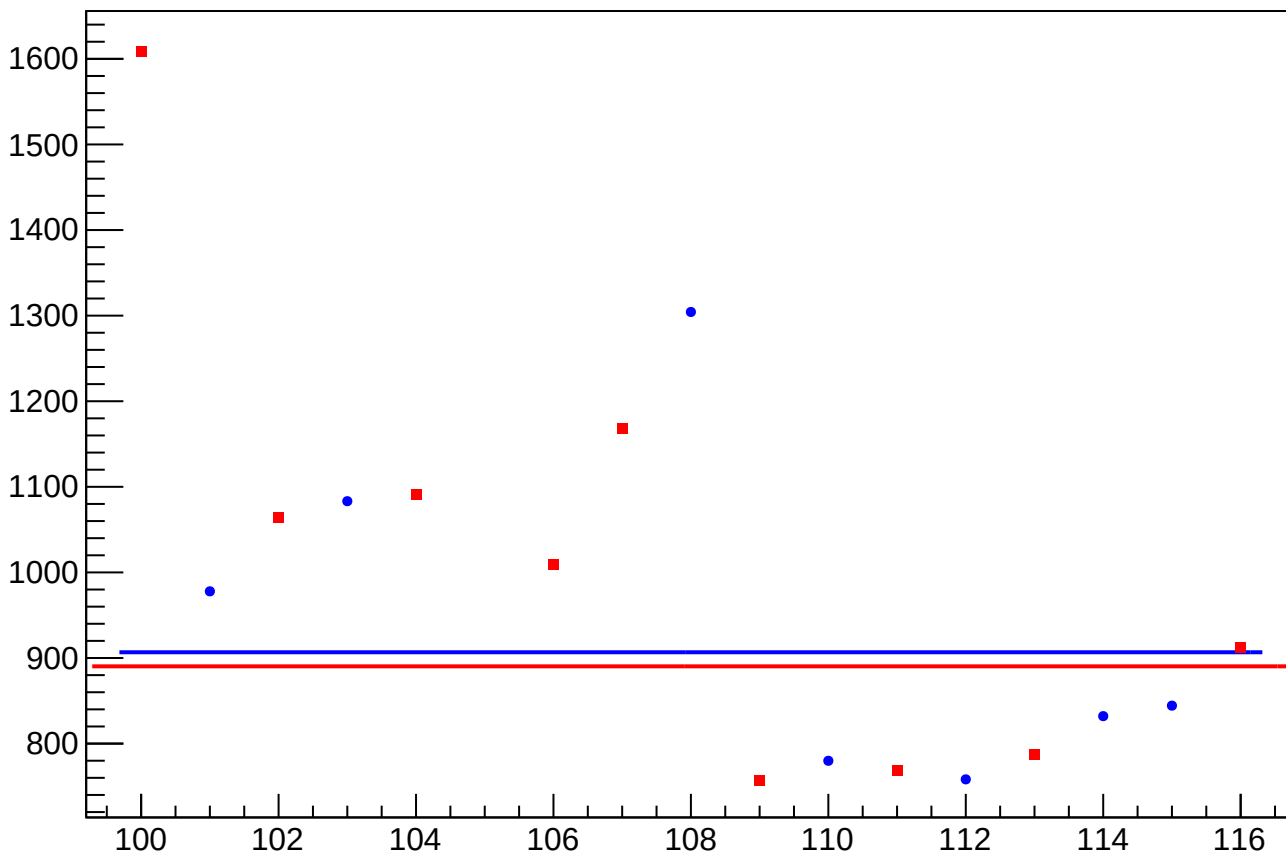
Right: 692.306+/-365.764 χ^2/NDF : 16.5/15

In: 330.284+/-552.635 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.306+/-365.764 χ^2/NDF : 16.5/15

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 906.708+/-0.391 χ^2/NDF : 173368.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 890.257+/-0.345 χ^2/NDF : 204348.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

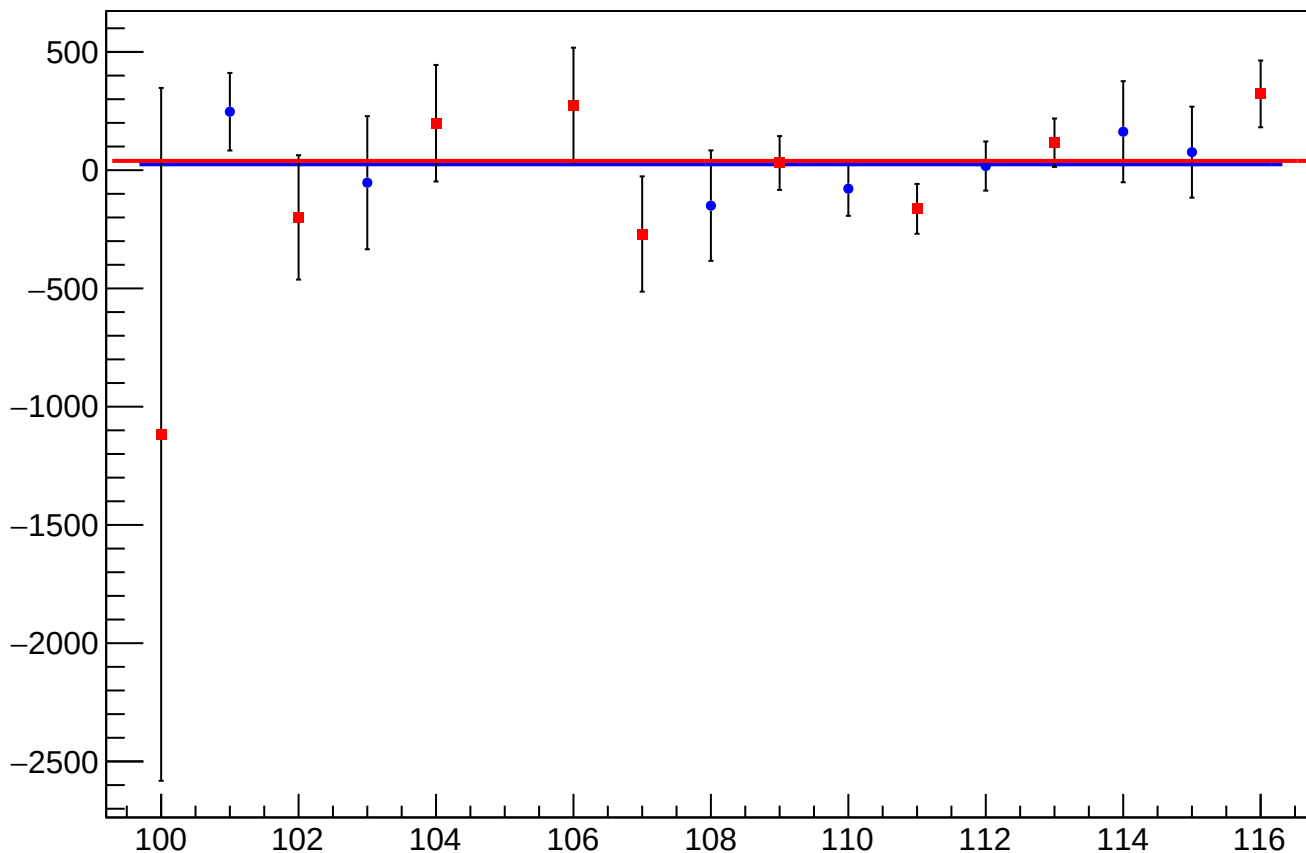
Right: 897.463+/-0.259 χ^2/NDF : 378713.0/15

In: 906.708+/-0.391 χ^2/NDF : 173368.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.463+/-0.259 χ^2/NDF : 378713.0/15

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 24.741+/-59.170 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.322+/-51.421 χ^2/NDF : 12.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

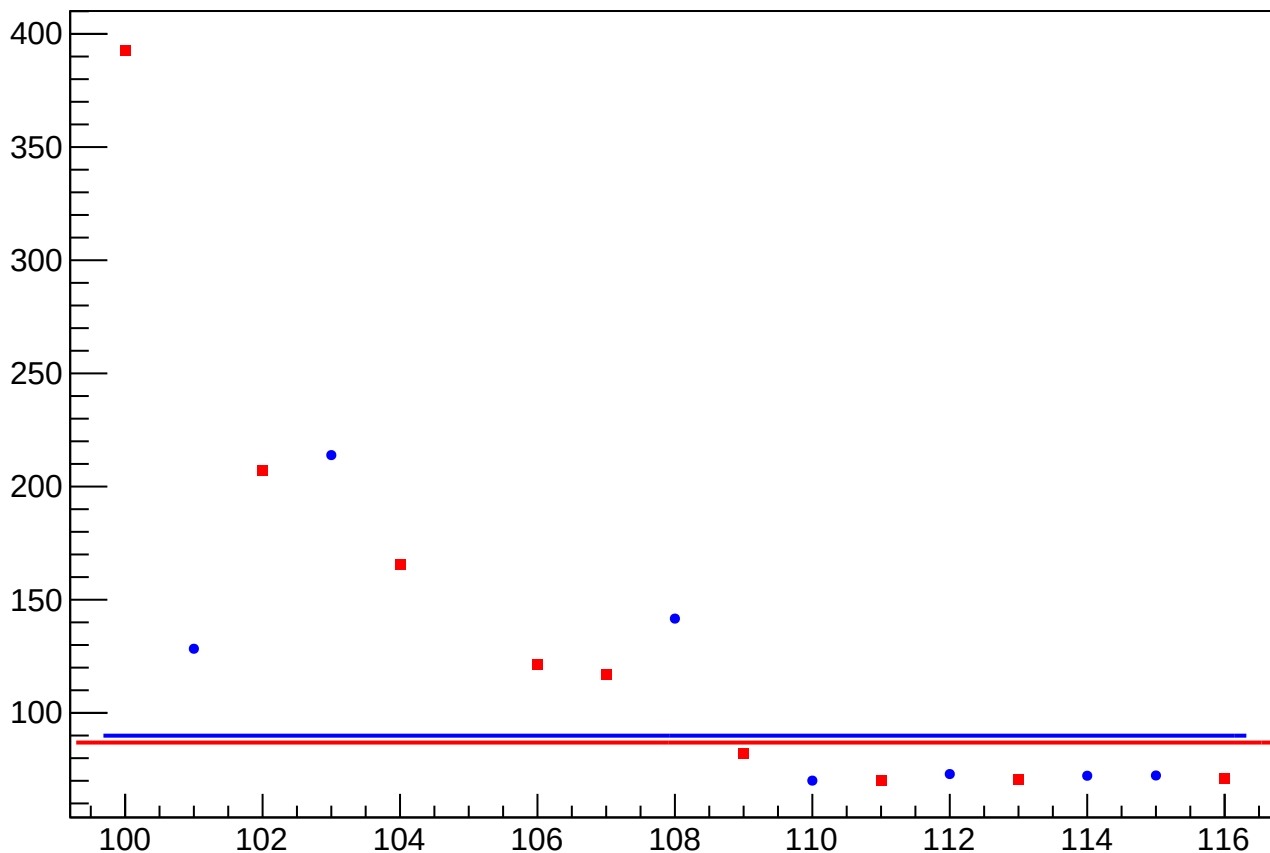
Right: 33.048+/-38.813 χ^2/NDF : 16.5/15

In: 24.741+/-59.170 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.048+/-38.813 χ^2/NDF : 16.5/15

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.940 $\pm$ 0.042 χ^2 /NDF: 739477.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.903 $\pm$ 0.036 χ^2 /NDF: 911310.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

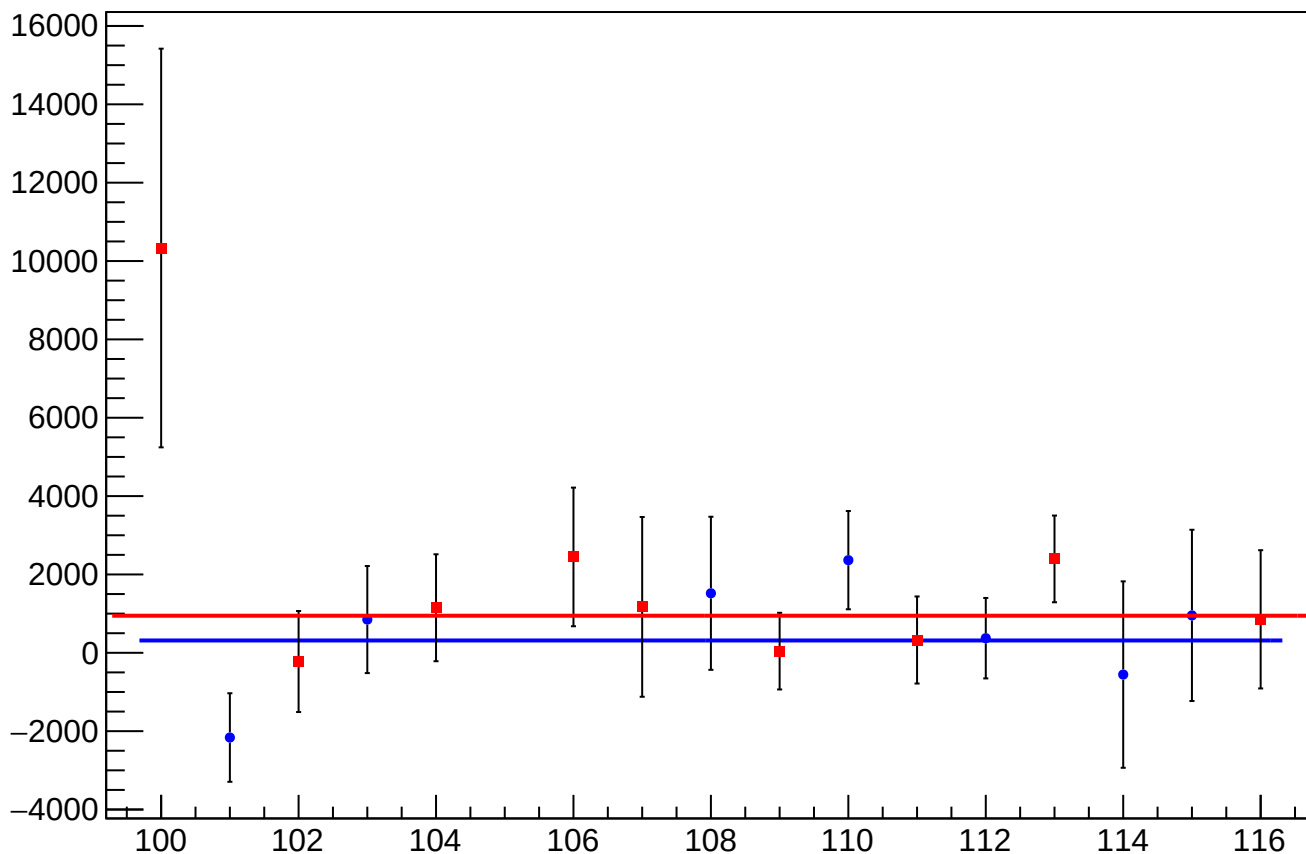
Right: 88.210 $\pm$ 0.027 χ^2 /NDF: 1653790.7/15

In: 89.940 $\pm$ 0.042 χ^2 /NDF:739477.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.210 $\pm$ 0.027 χ^2 /NDF: 1653790.7/15

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 314.907 $\pm$ 530.723 χ^2/NDF : 8.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 946.653 $\pm$ 462.377 χ^2/NDF : 7.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

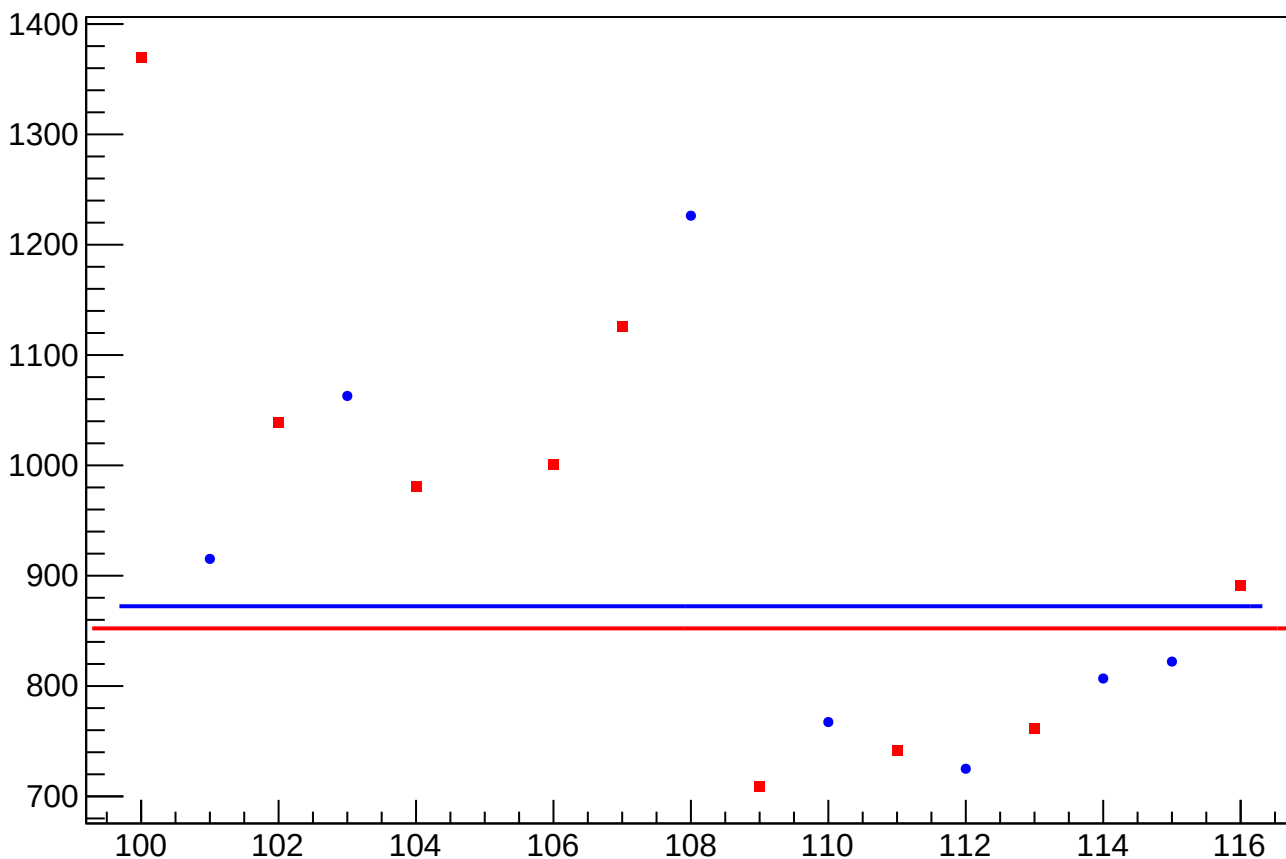
Right: 674.052 $\pm$ 348.626 χ^2/NDF : 16.9/15

In: 314.907 $\pm$ 530.723 χ^2/NDF :8.2/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 674.052 $\pm$ 348.626 χ^2/NDF : 16.9/15

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.326+/-0.375 χ^2/NDF : 165176.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 852.239+/-0.327 χ^2/NDF : 199214.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

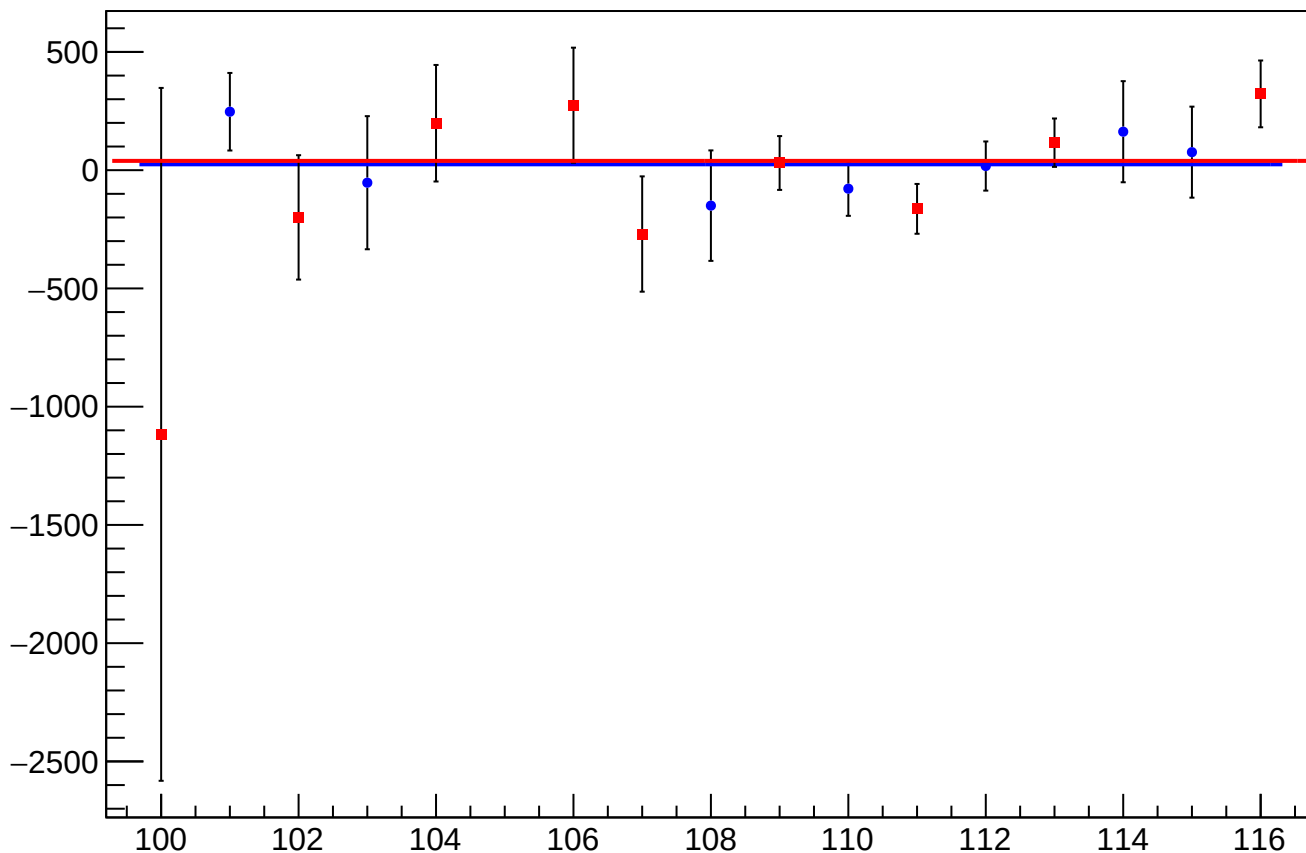
Right: 860.907+/-0.247 χ^2/NDF : 366020.0/15

In: 872.326+/-0.375 χ^2/NDF : 165176.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.907+/-0.247 χ^2/NDF : 366020.0/15

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 24.740 $\pm$ 59.171 χ^2 /NDF: 3.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.320 $\pm$ 51.422 χ^2 /NDF: 12.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

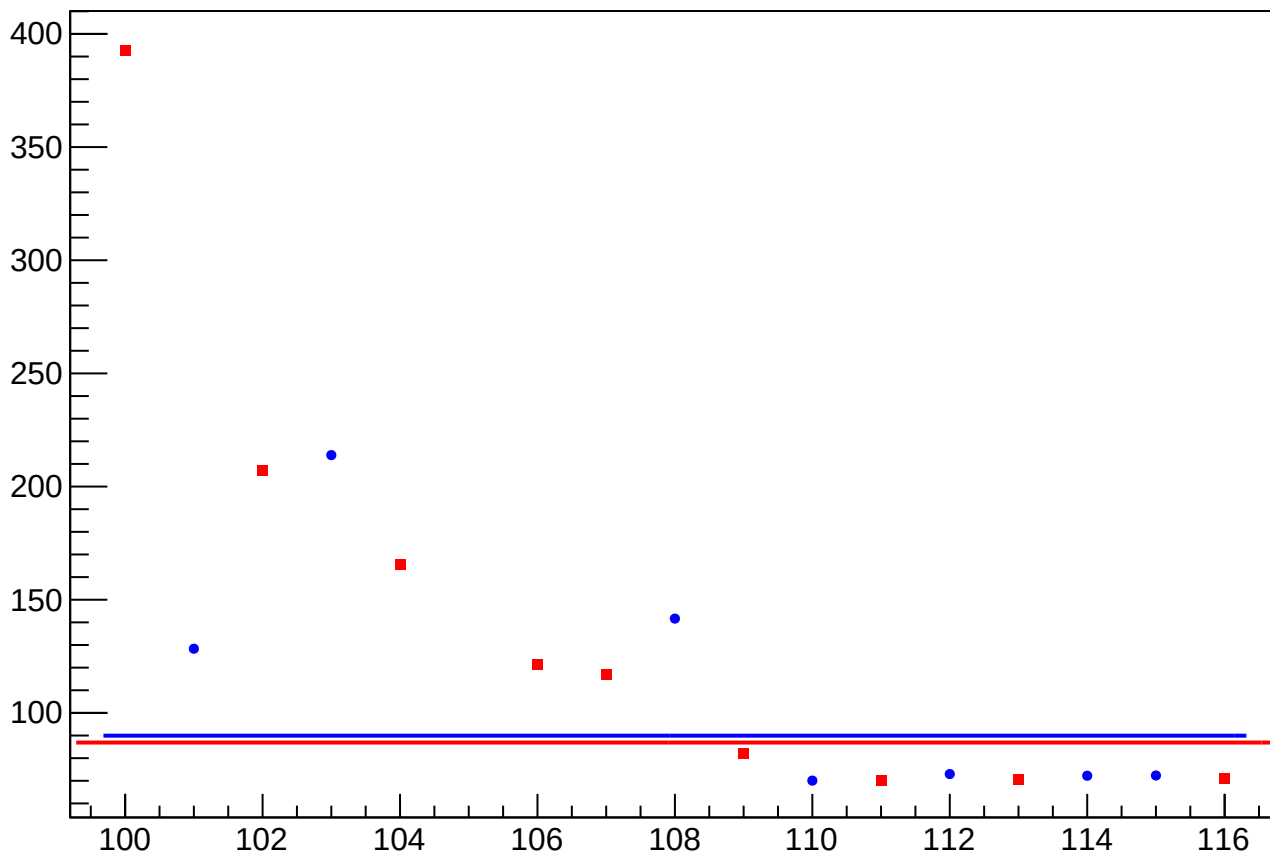
Right: 33.046 $\pm$ 38.813 χ^2 /NDF: 16.5/15

In: 24.740 $\pm$ 59.171 χ^2 /NDF:3.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.046 $\pm$ 38.813 χ^2 /NDF: 16.5/15

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.941 $\pm$ 0.042 χ^2 /NDF: 739469.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.904 $\pm$ 0.036 χ^2 /NDF: 911306.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

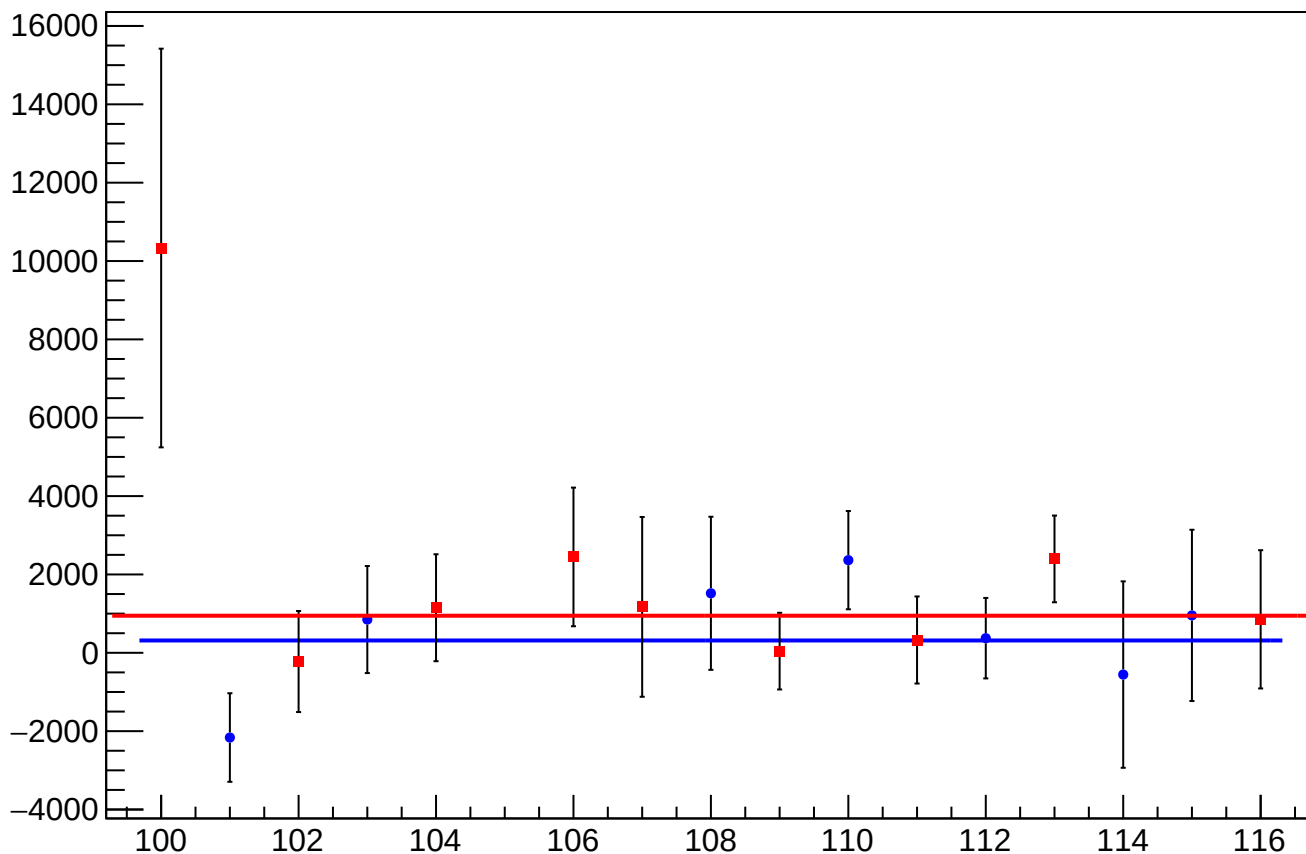
Right: 88.210 $\pm$ 0.027 χ^2 /NDF: 1653778.6/15

In: 89.941 $\pm$ 0.042 χ^2 /NDF:739469.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.210 $\pm$ 0.027 χ^2 /NDF: 1653778.6/15

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 314.906+/-530.721 χ^2/NDF : 8.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.651+/-462.376 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

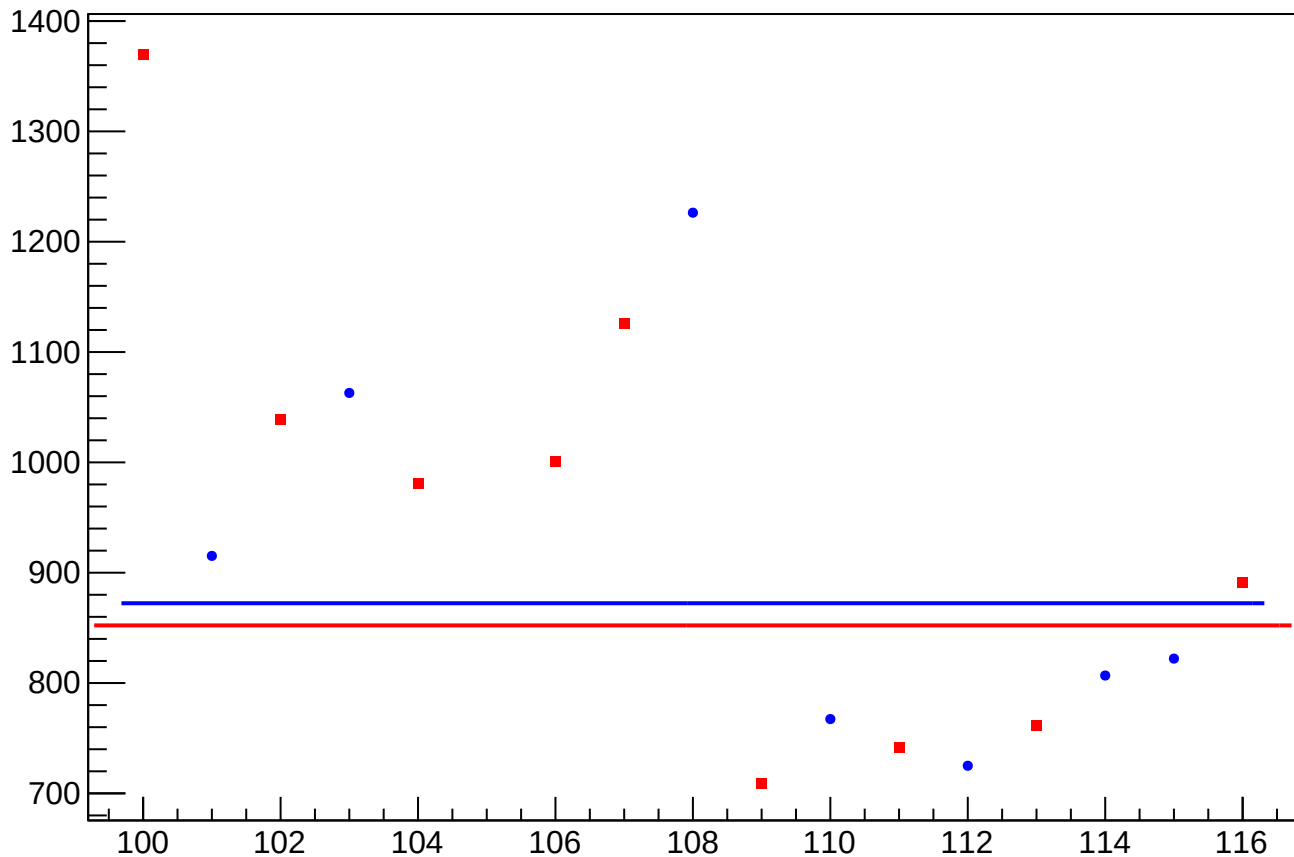
Right: 674.050+/-348.625 χ^2/NDF : 16.9/15

In: 314.906+/-530.721 χ^2/NDF : 8.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.050+/-348.625 χ^2/NDF : 16.9/15

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.324+/-0.375 χ^2/NDF : 165176.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 852.237+/-0.327 χ^2/NDF : 199213.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

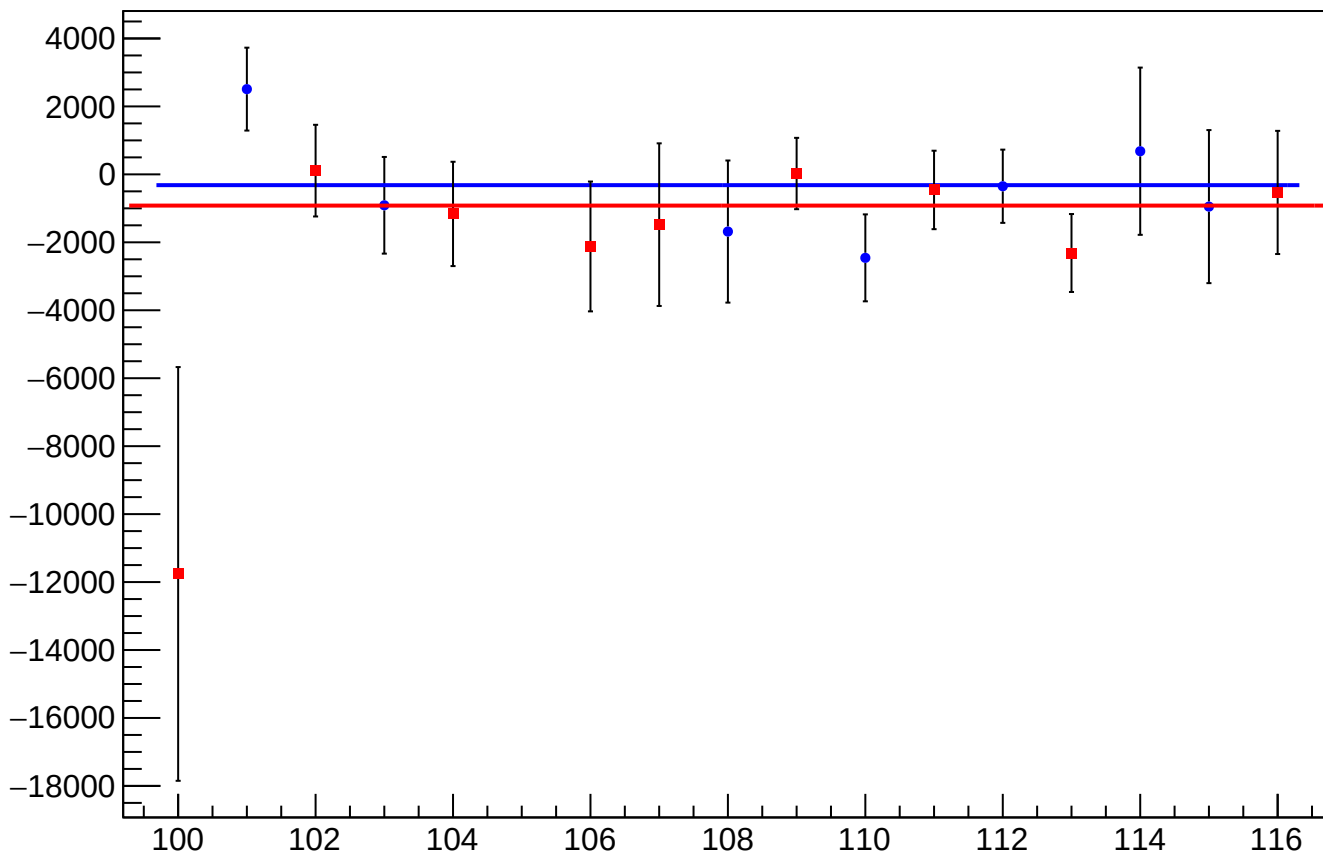
Right: 860.904+/-0.247 χ^2/NDF : 366018.5/15

In: 872.324+/-0.375 χ^2/NDF : 165176.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.904+/-0.247 χ^2/NDF : 366018.5/15

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -317.460+/-556.555 χ^2 /NDF: 9.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -919.019+/-489.625 χ^2 /NDF: 6.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

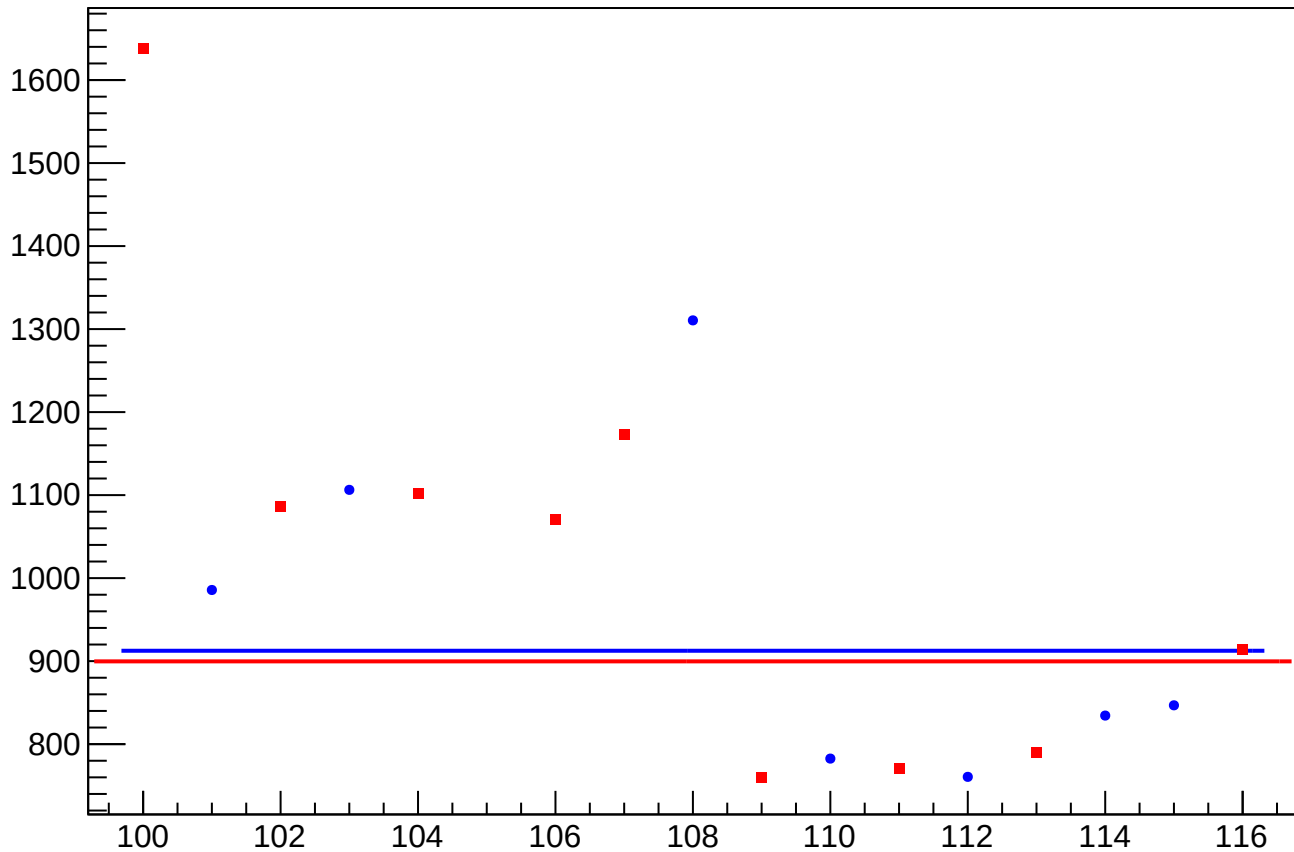
Right: -656.567+/-367.615 χ^2 /NDF: 16.4/15

In: -317.460+/-556.555 χ^2 /NDF:9.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -656.567+/-367.615 χ^2 /NDF: 16.4/15

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 912.496+/-0.394 χ^2/NDF : 180830.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 899.719+/-0.346 χ^2/NDF : 223495.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

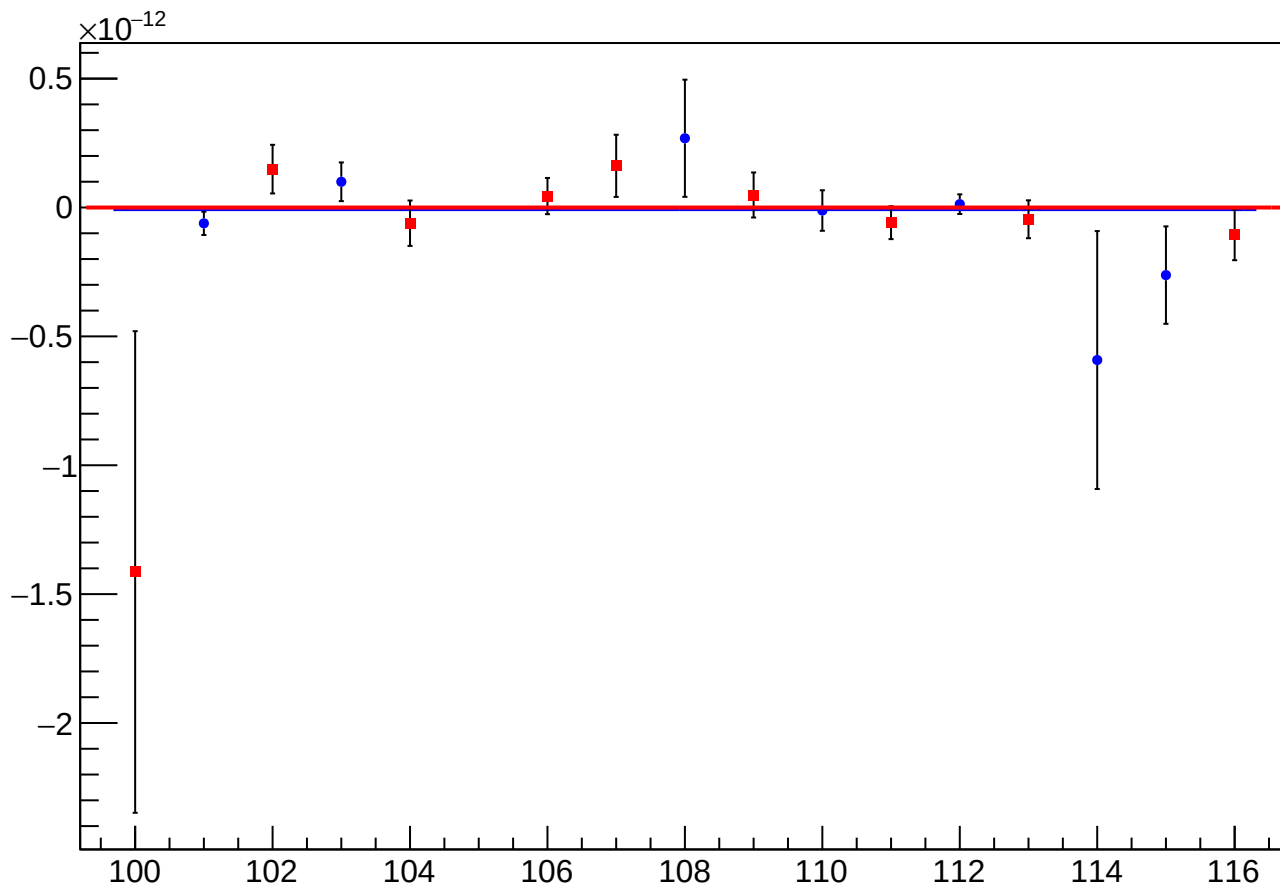
Right: 905.294+/-0.260 χ^2/NDF : 404920.9/15

In: 912.496+/-0.394 χ^2/NDF : 180830.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.294+/-0.260 χ^2/NDF : 404920.9/15

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

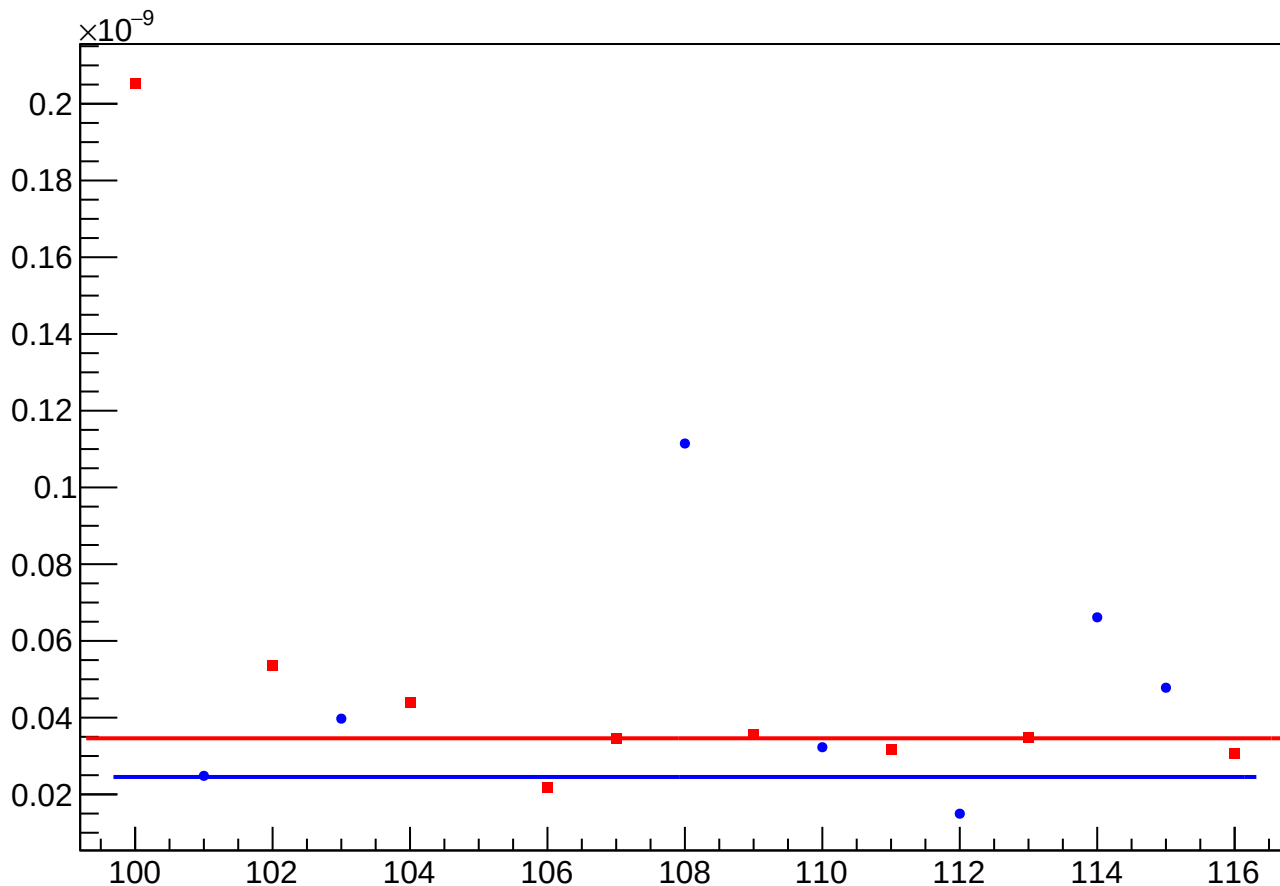
Right: -0.000+/-0.000 χ^2 /NDF: 18.6/15

In: -0.000+/-0.000 χ^2 /NDF:8.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.6/15

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 564312.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 244728.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

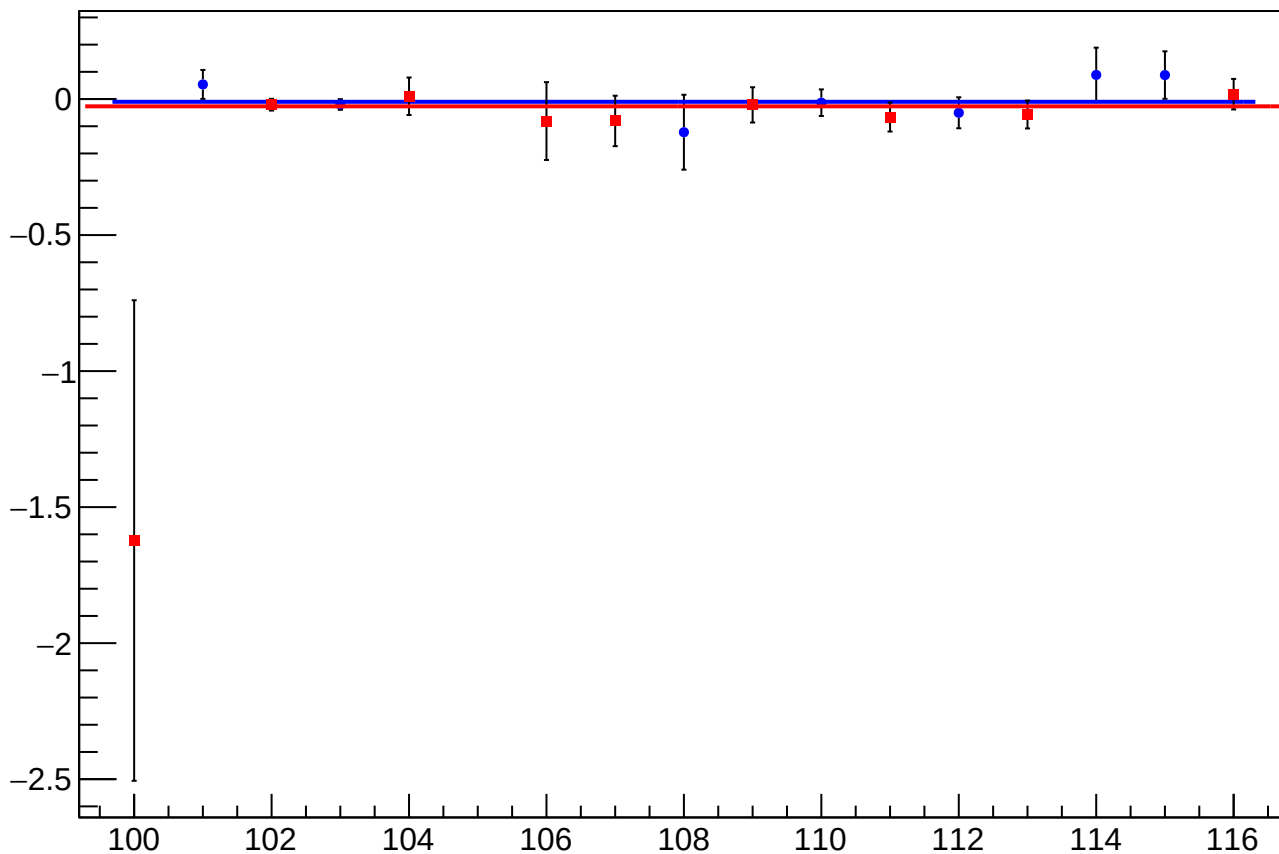
Right: 0.000+/-0.000 χ^2/NDF : 945853.8/15

In: 0.000+/-0.000 χ^2/NDF : 564312.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 945853.8/15

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.016 χ^2 /NDF: 5.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

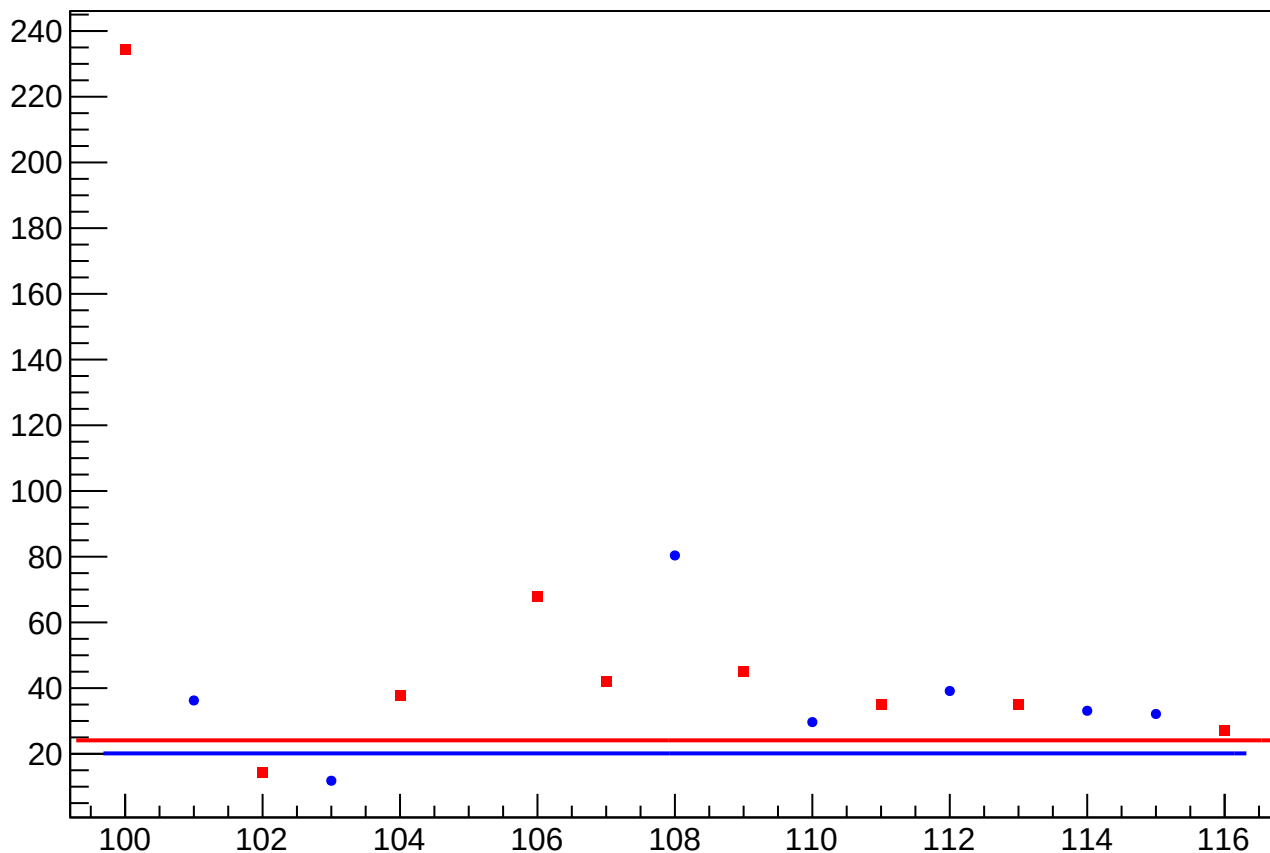
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 11.3/15

In: -0.010 $\pm$ 0.016 χ^2 /NDF:5.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.011 χ^2 /NDF: 11.3/15

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.132+/-0.011 χ^2/NDF : 1296345.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.100+/-0.011 χ^2/NDF : 1260205.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

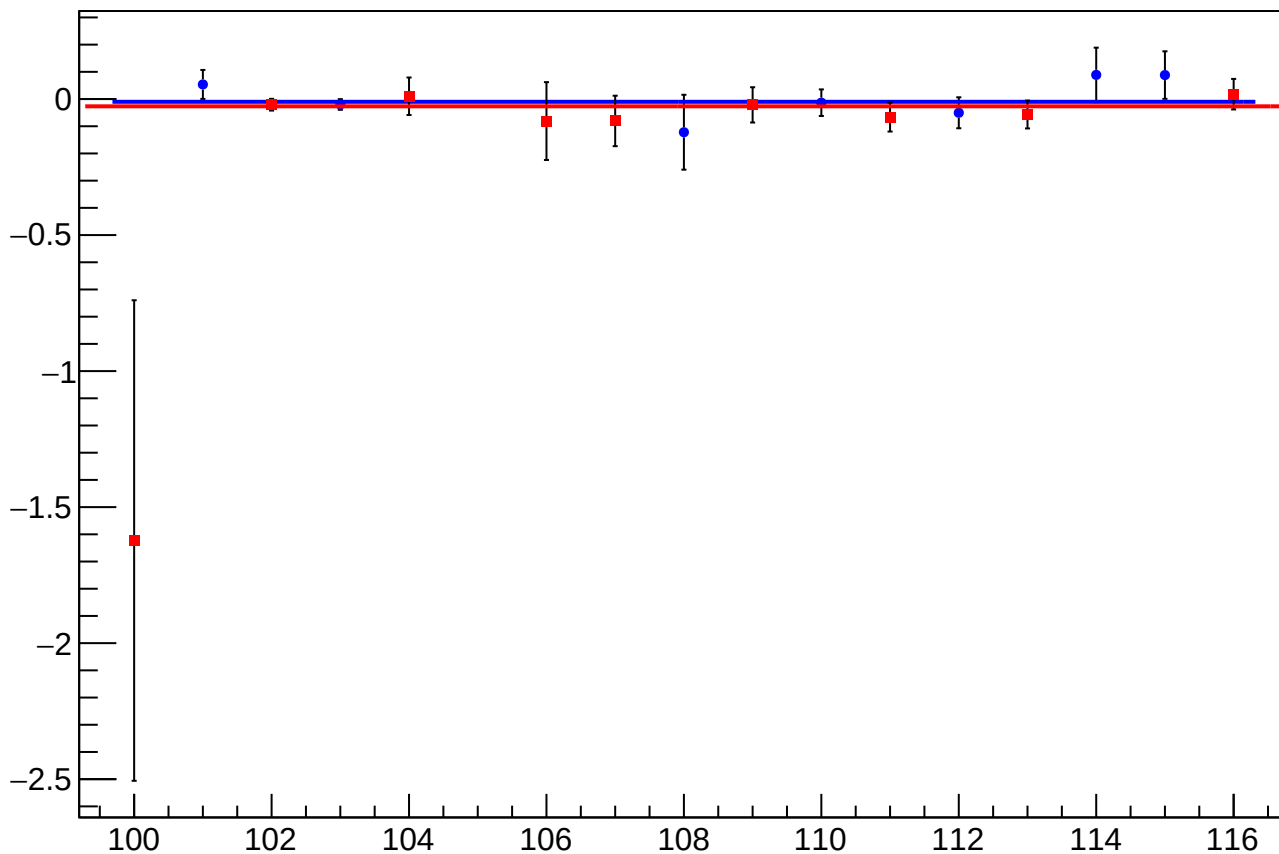
Right: 22.081+/-0.008 χ^2/NDF : 2617761.5/15

In: 20.132+/-0.011 χ^2/NDF :1296345.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.081+/-0.008 χ^2/NDF : 2617761.5/15

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.016 χ^2 /NDF: 5.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

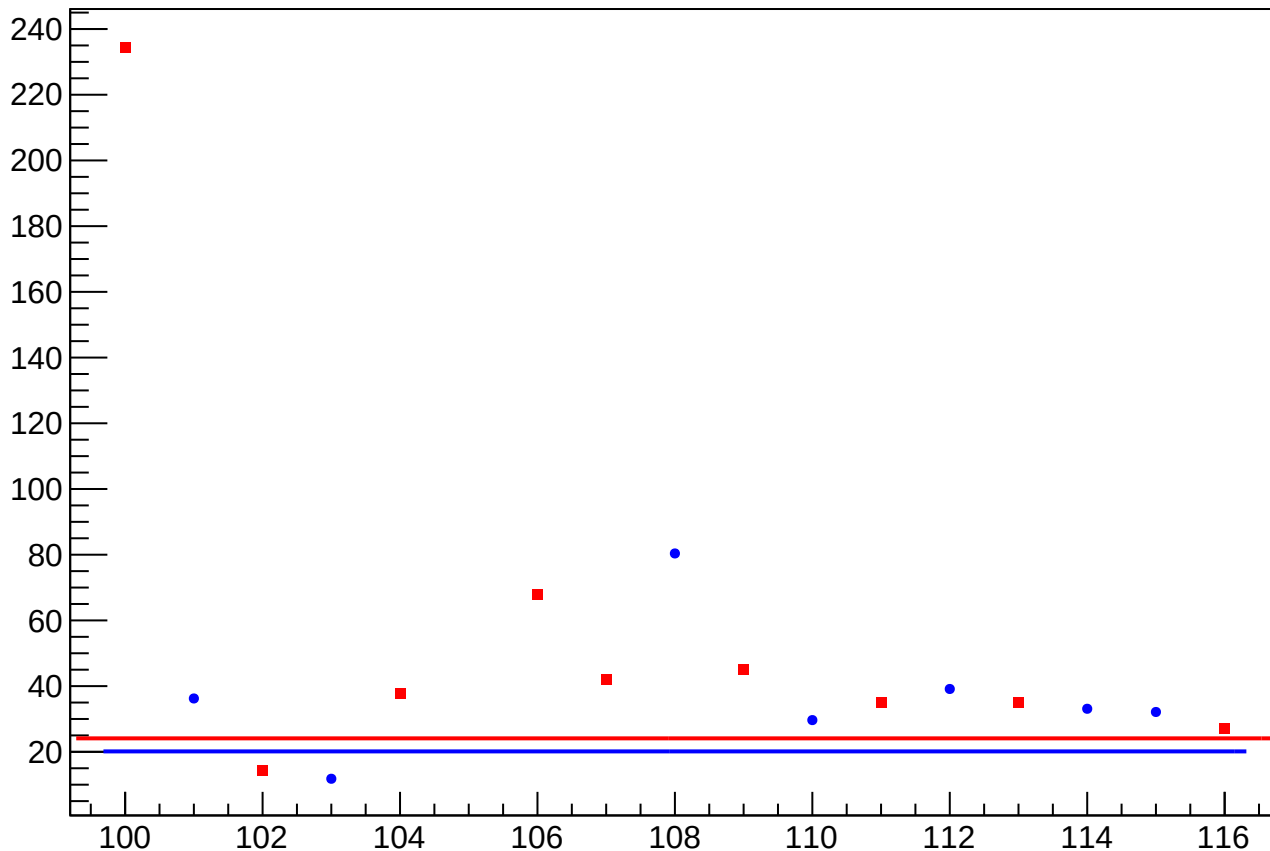
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 11.3/15

In: -0.010 $\pm$ 0.016 χ^2 /NDF:5.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.011 χ^2 /NDF: 11.3/15

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.132+/-0.011 χ^2/NDF : 1296345.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.100+/-0.011 χ^2/NDF : 1260205.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

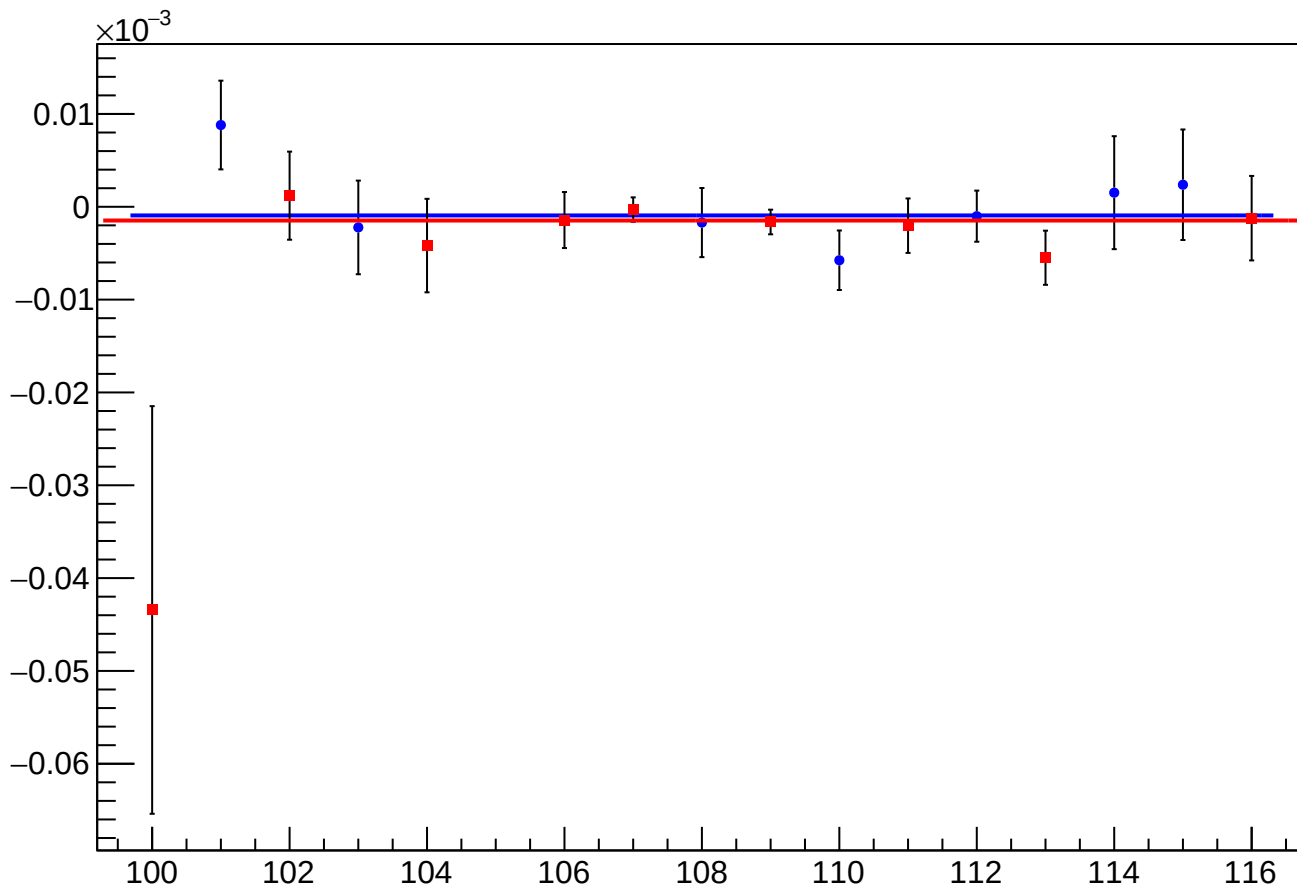
Right: 22.081+/-0.008 χ^2/NDF : 2617761.5/15

In: 20.132+/-0.011 χ^2/NDF : 1296345.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.081+/-0.008 χ^2/NDF : 2617761.5/15

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

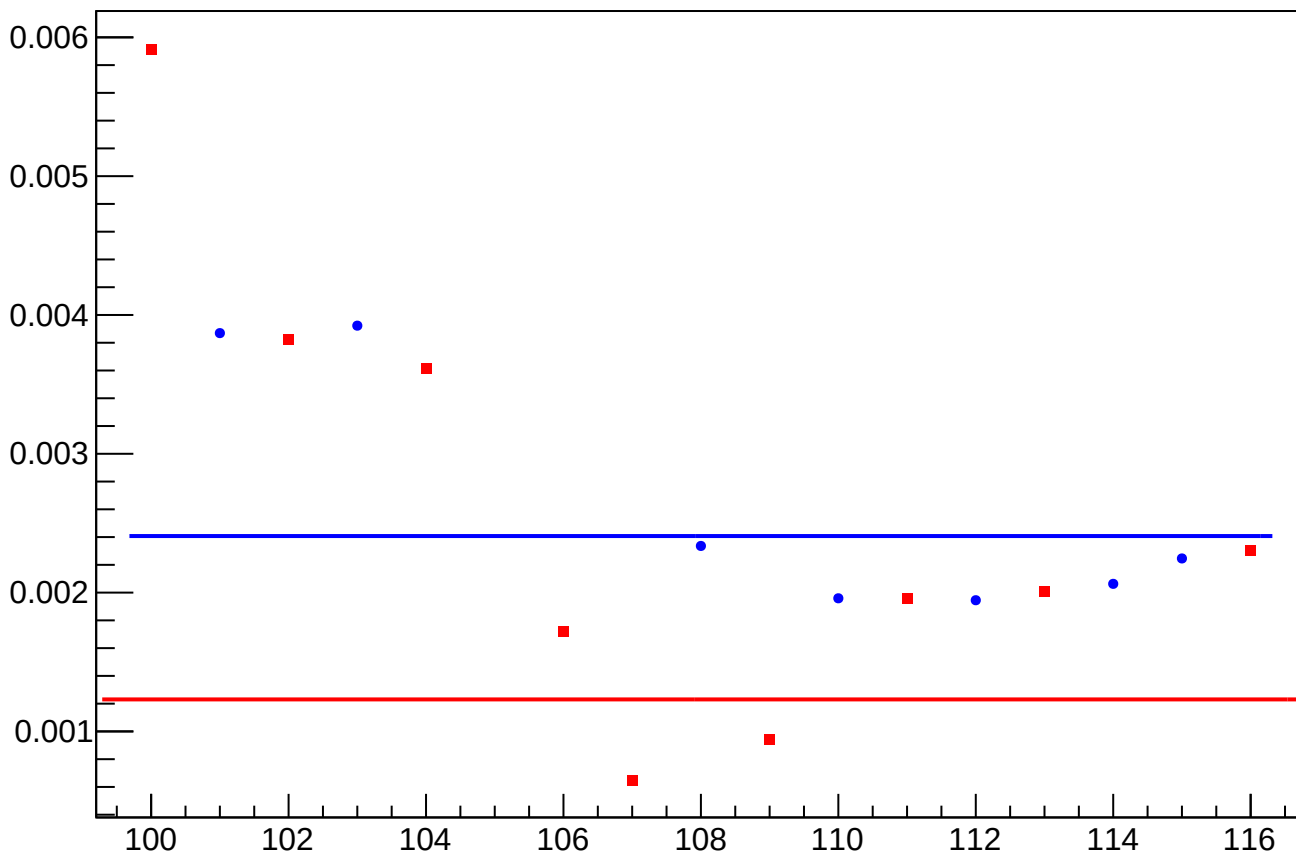
Right: -0.000+/-0.000 χ^2 /NDF: 14.1/15

In: -0.000+/-0.000 χ^2 /NDF:7.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.1/15

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 471913.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2055539.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

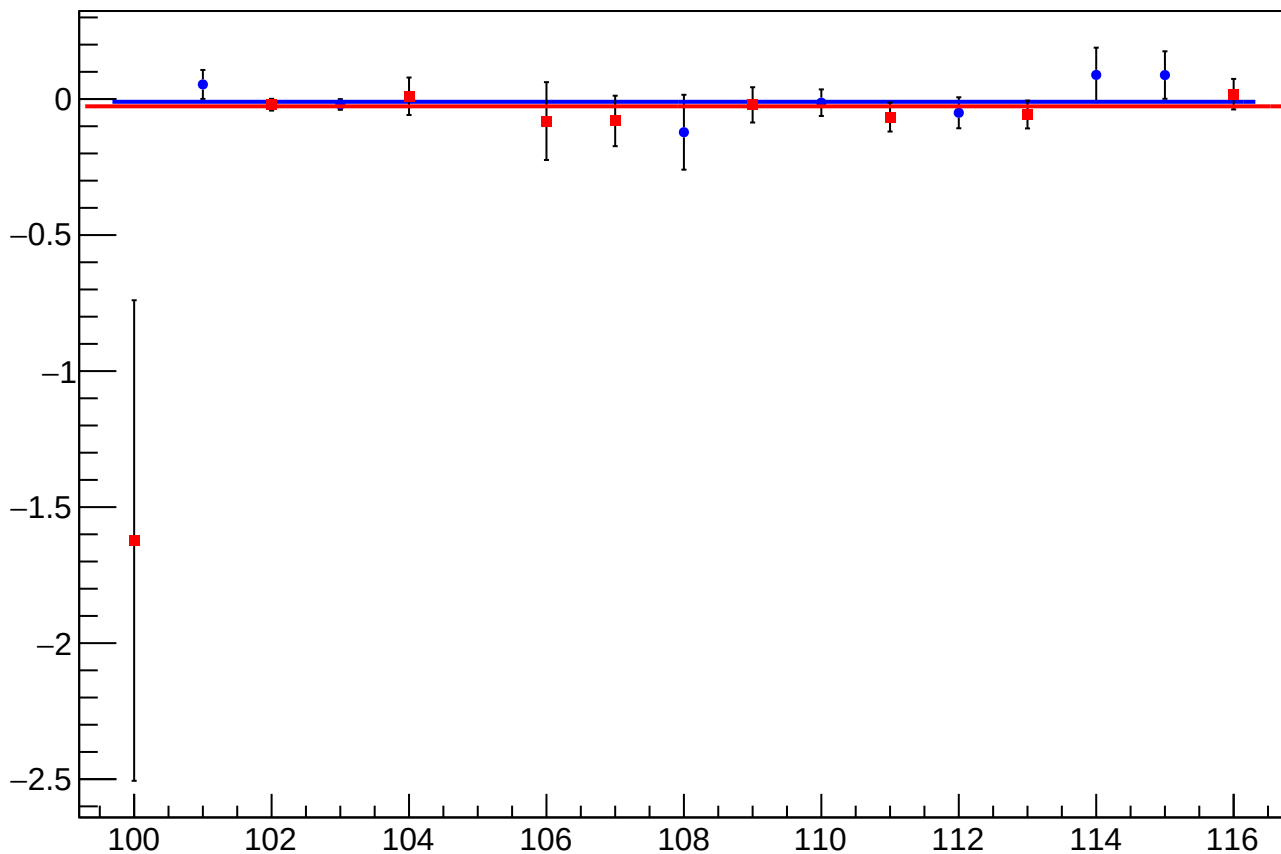
Right: 0.001+/-0.000 χ^2/NDF : 3485880.7/15

In: 0.002+/-0.000 χ^2/NDF : 471913.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3485880.7/15

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.016 χ^2/NDF : 5.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.016 χ^2/NDF : 5.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

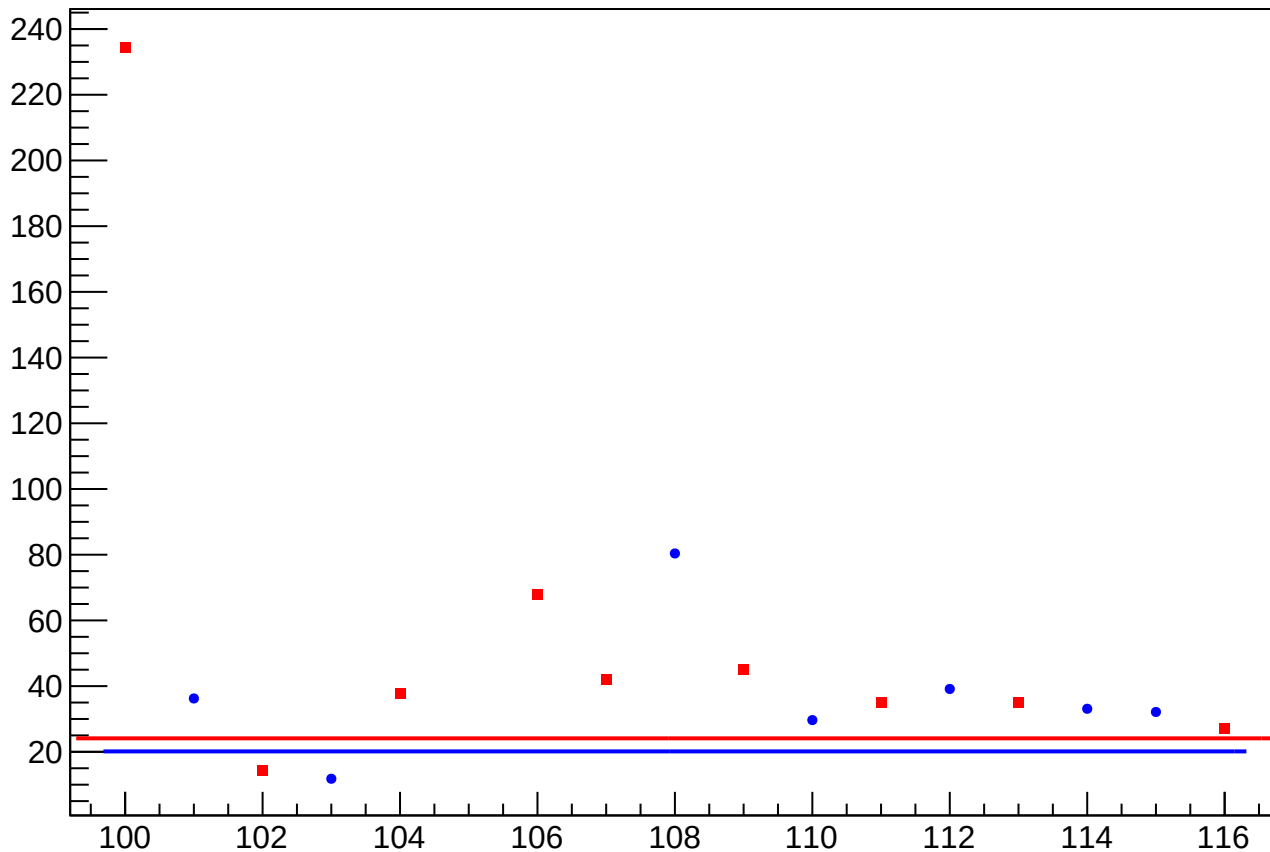
Right: -0.018 ± 0.011 χ^2/NDF : 11.3/15

In: -0.010 ± 0.016 χ^2/NDF : 5.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.011 χ^2/NDF : 11.3/15

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.131+/-0.011 χ^2/NDF : 1296538.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.104+/-0.011 χ^2/NDF : 1259895.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

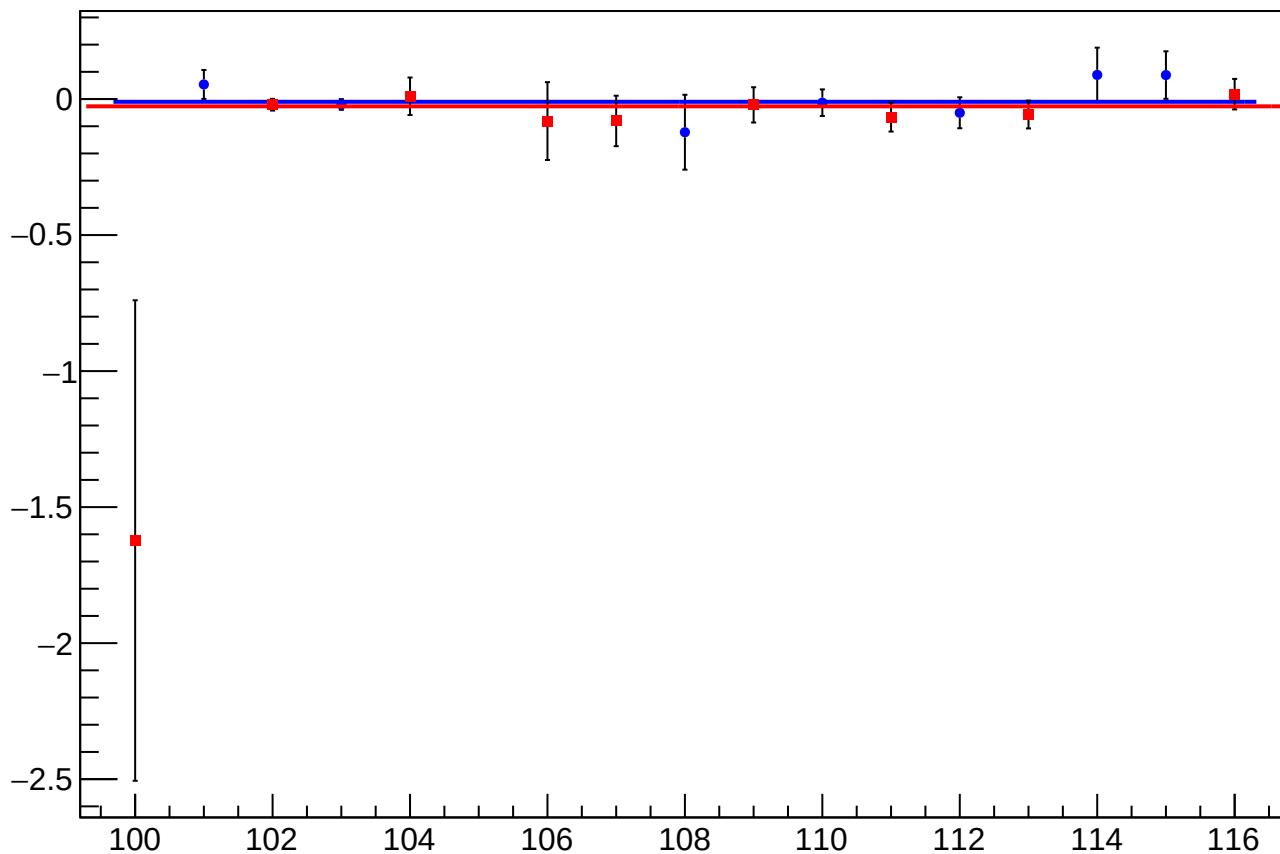
Right: 22.082+/-0.008 χ^2/NDF : 2617782.0/15

In: 20.131+/-0.011 χ^2/NDF : 1296538.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.082+/-0.008 χ^2/NDF : 2617782.0/15

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.016 χ^2 /NDF: 5.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

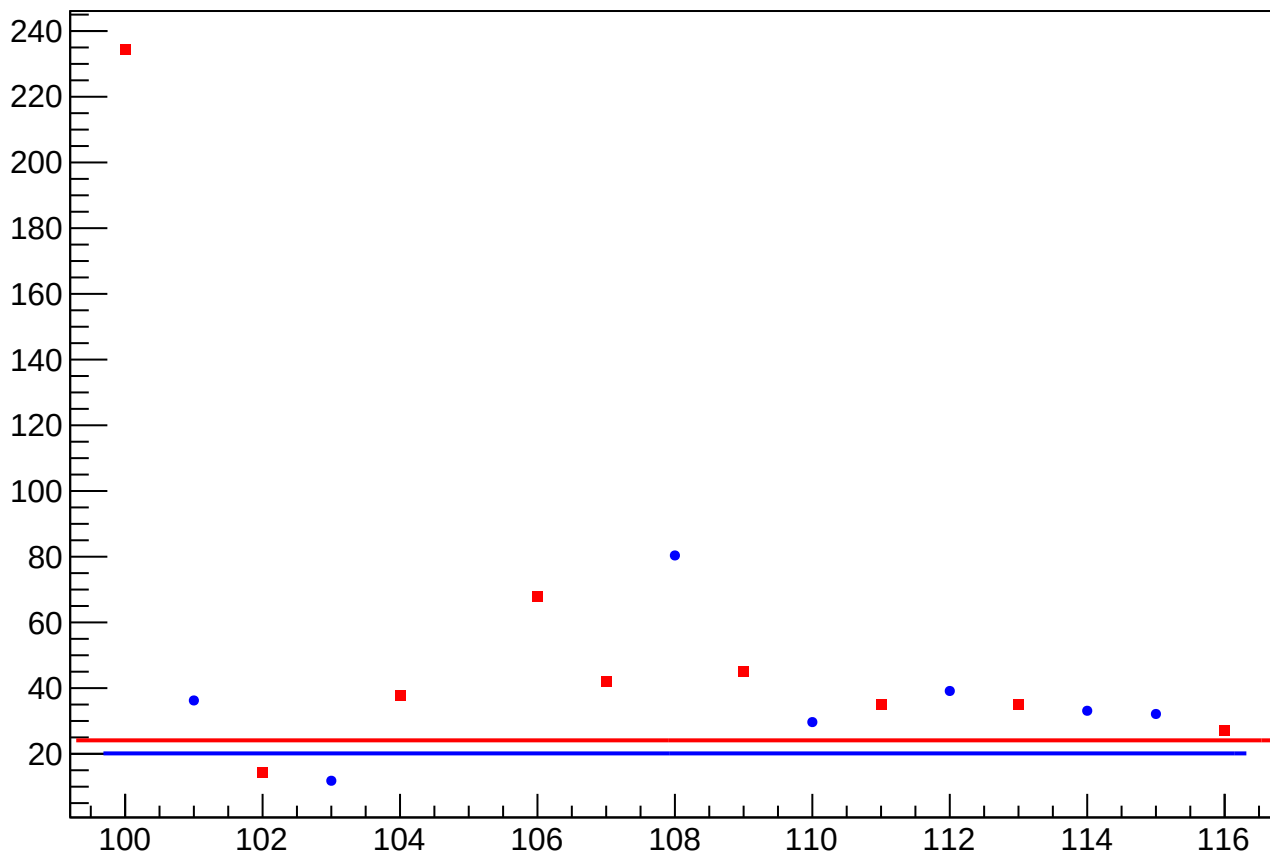
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 11.3/15

In: -0.010 $\pm$ 0.016 χ^2 /NDF:5.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.011 χ^2 /NDF: 11.3/15

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.131+/-0.011 χ^2/NDF : 1296538.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.104+/-0.011 χ^2/NDF : 1259895.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

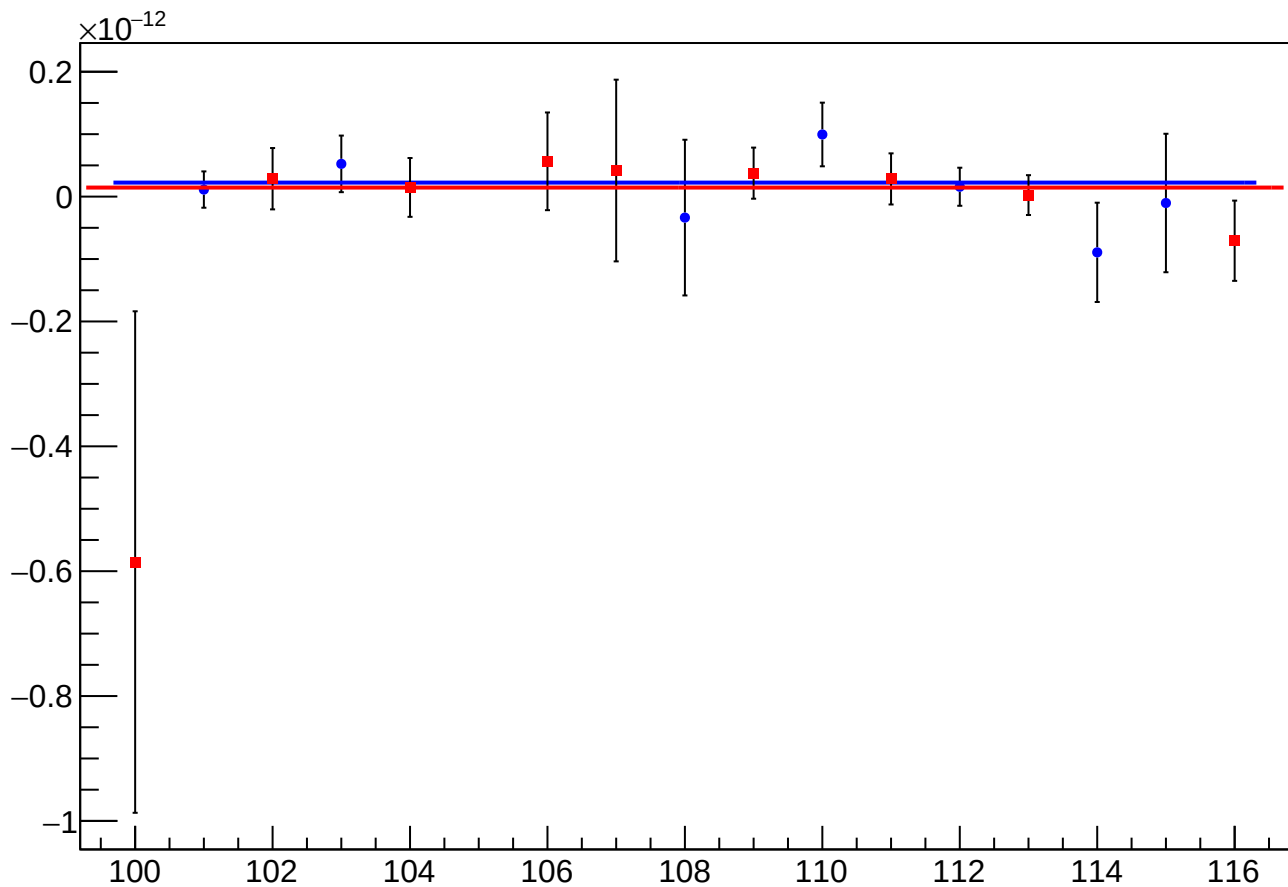
Right: 22.082+/-0.008 χ^2/NDF : 2617782.0/15

In: 20.131+/-0.011 χ^2/NDF :1296538.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.082+/-0.008 χ^2/NDF : 2617782.0/15

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

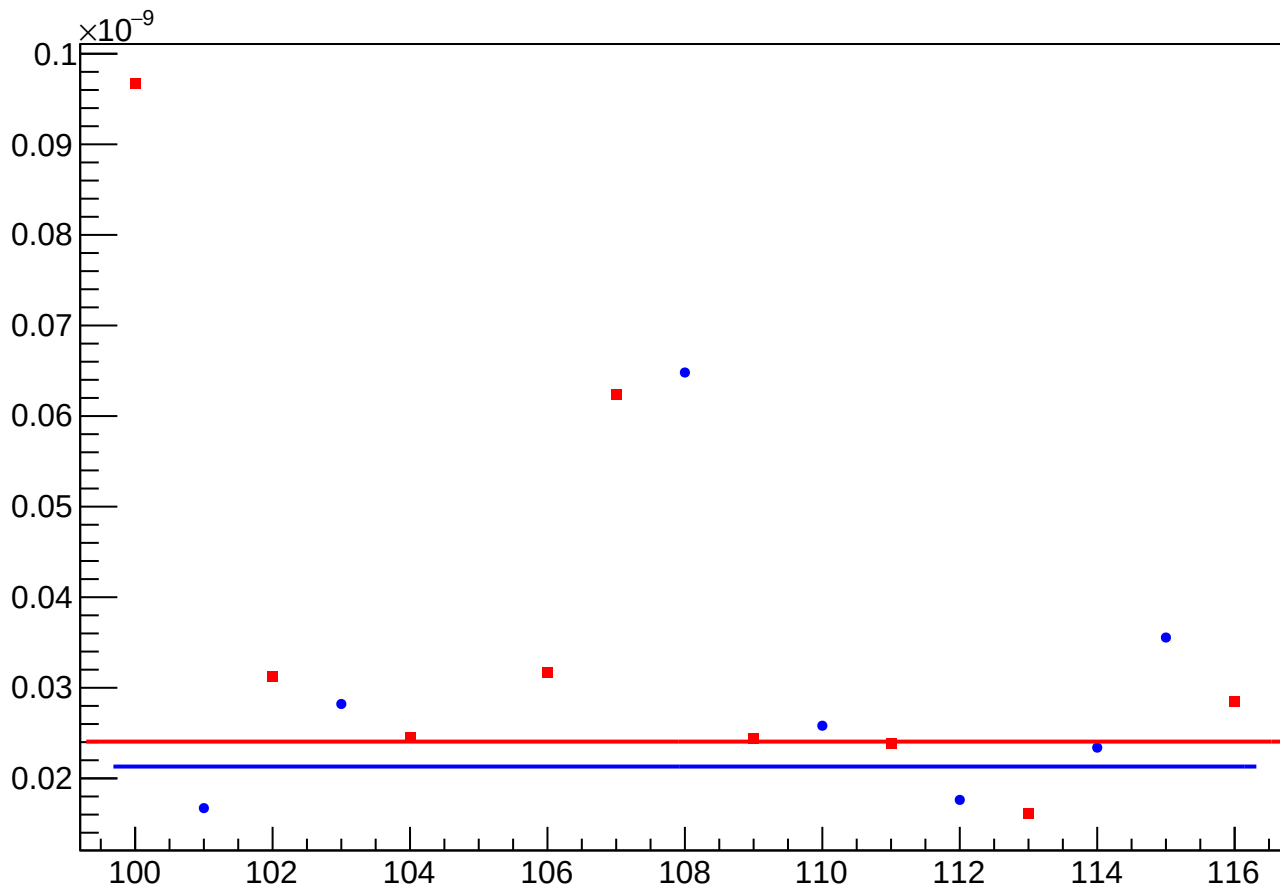
Right: 0.000+/-0.000 χ^2/NDF : 10.3/15

In: 0.000+/-0.000 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/15

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 418857.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 399872.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

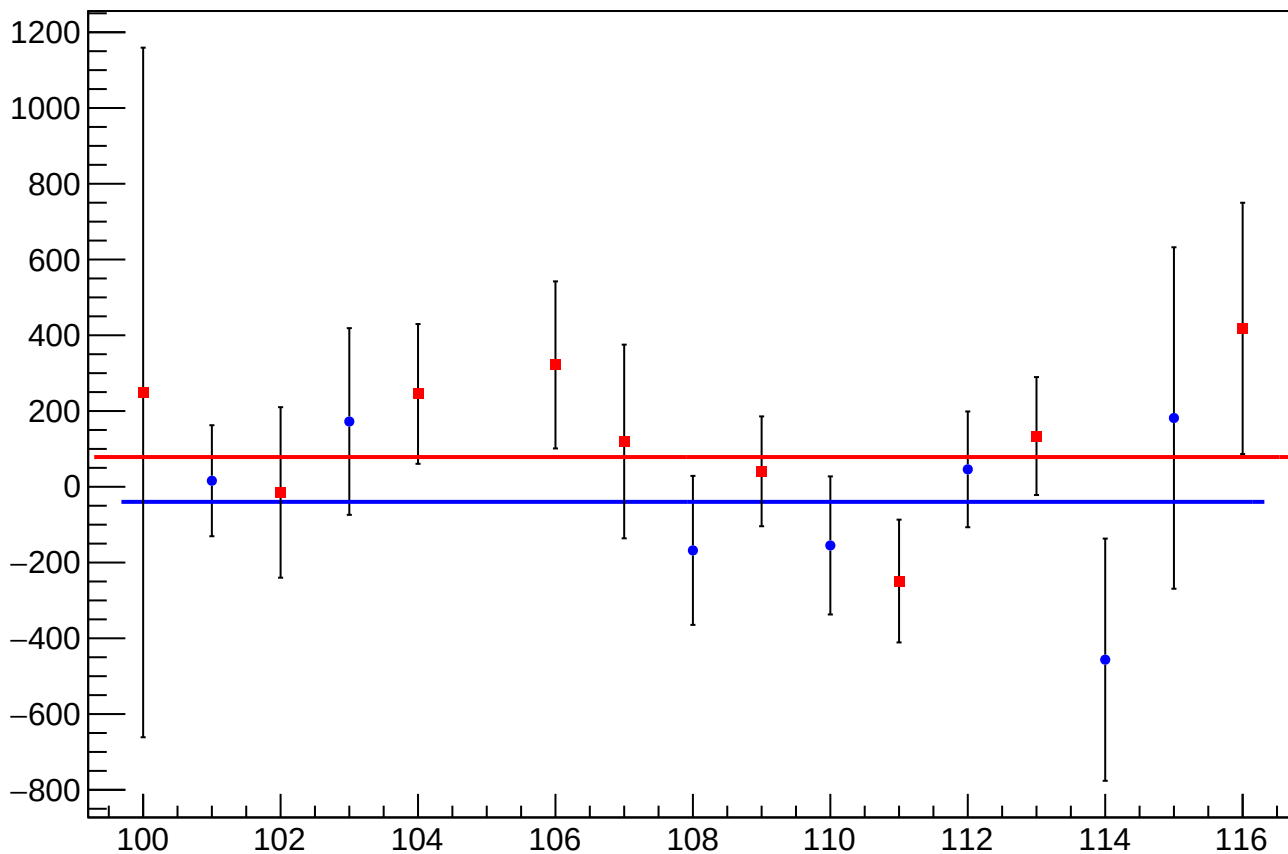
Right: 0.000+/-0.000 χ^2/NDF : 844986.0/15

In: 0.000+/-0.000 χ^2/NDF : 418857.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 844986.0/15

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -39.765 $\pm$ 75.270 χ^2 /NDF: 4.0/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 78.539 $\pm$ -67.086 χ^2 /NDF: 7.6/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

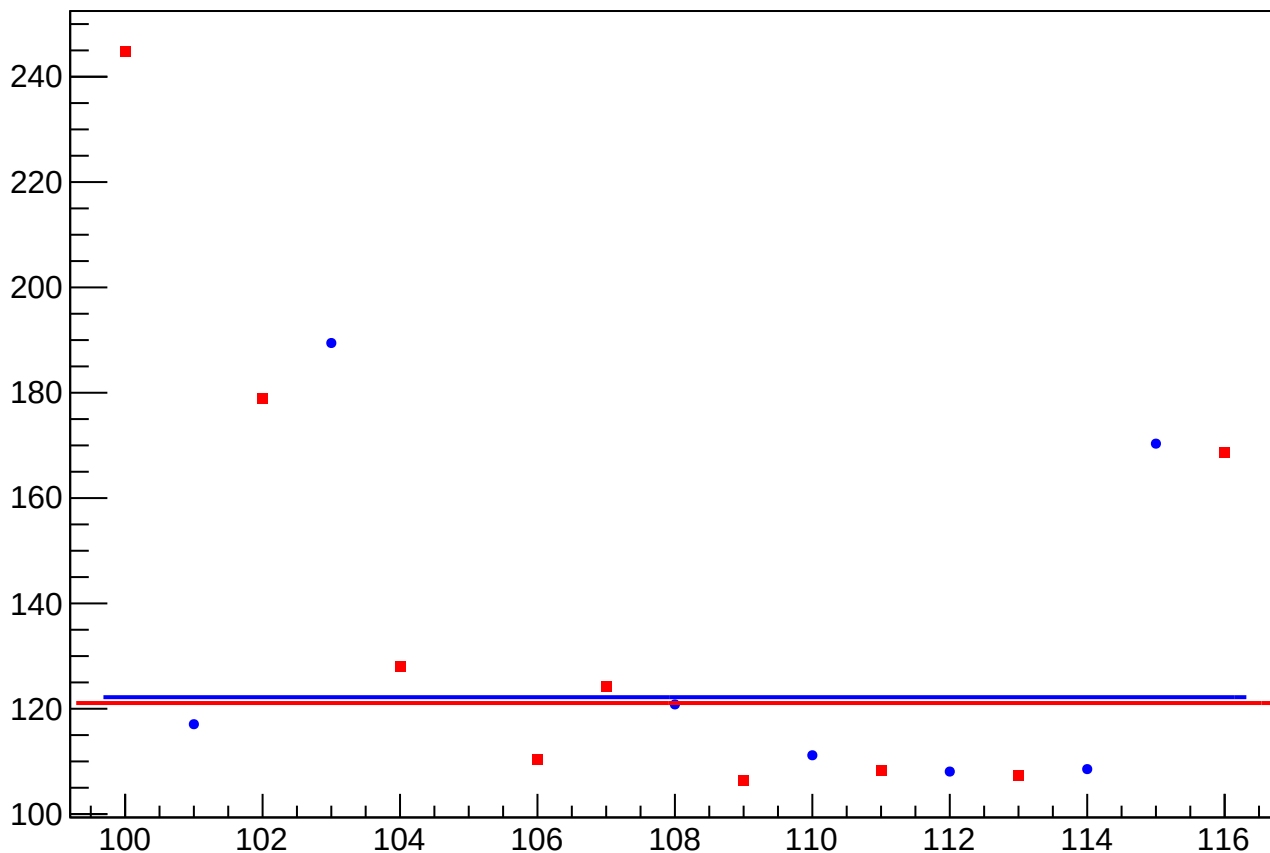
Right: 26.166 $\pm$ -50.082 χ^2 /NDF: 12.9/15

In: -39.765 $\pm$ -75.270 χ^2 /NDF:4.0/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 26.166 $\pm$ -50.082 χ^2 /NDF: 12.9/15

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 122.195+/-0.053 χ^2/NDF : 202323.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.087+/-0.047 χ^2/NDF : 266782.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

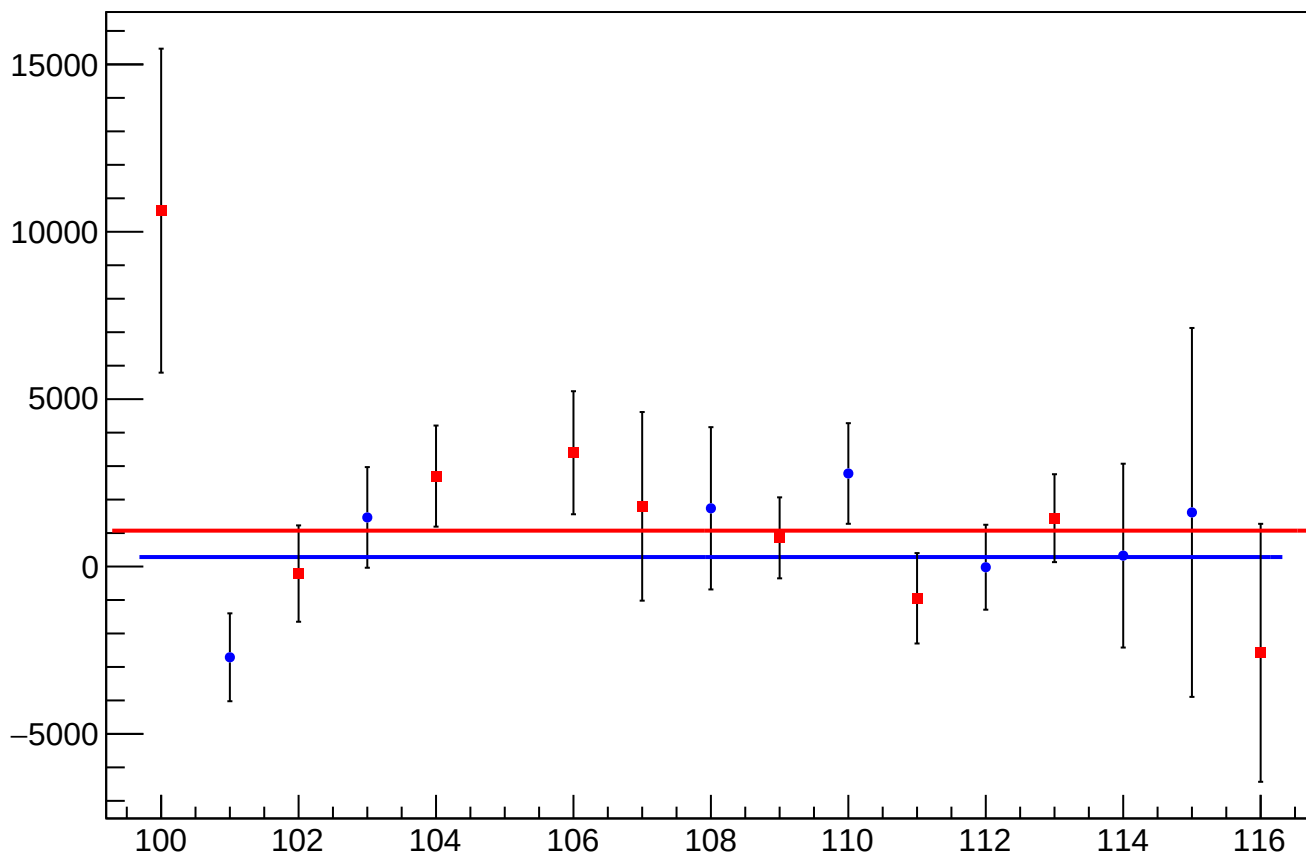
Right: 121.577+/-0.035 χ^2/NDF : 469347.7/15

In: 122.195+/-0.053 χ^2/NDF : 202323.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.577+/-0.035 χ^2/NDF : 469347.7/15

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 283.103 $\pm$ 642.433 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1071.854 $\pm$ 553.431 χ^2 /NDF: 10.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

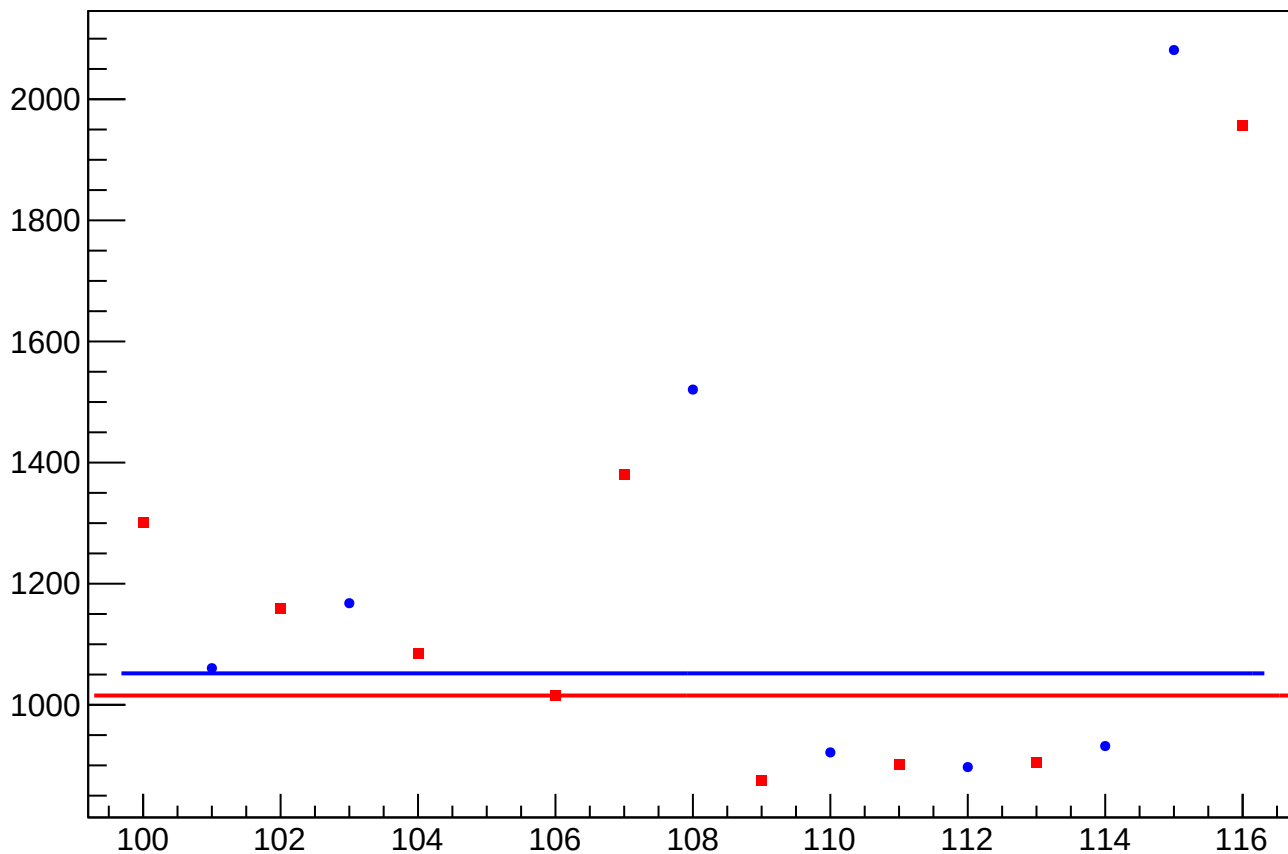
Right: 735.858 $\pm$ 419.300 χ^2 /NDF: 20.7/15

In: 283.103 $\pm$ 642.433 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 735.858 $\pm$ 419.300 χ^2 /NDF: 20.7/15

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1051.942+/-0.454 χ^2/NDF : 205170.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1015.357+/-0.391 χ^2/NDF : 239119.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

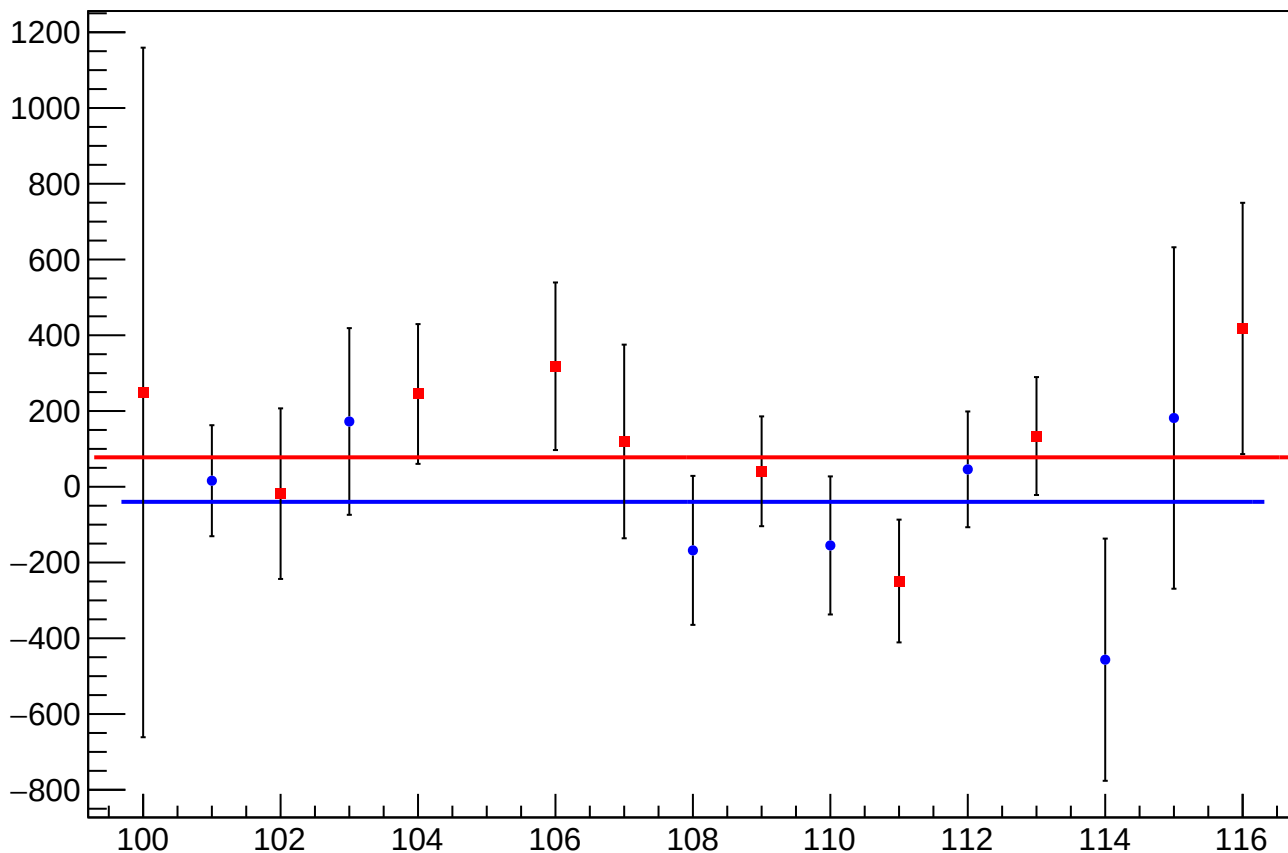
Right: 1030.942+/-0.296 χ^2/NDF : 448013.0/15

In: 1051.942+/-0.454 χ^2/NDF :205170.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1030.942+/-0.296 χ^2/NDF : 448013.0/15

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -39.786 $\pm$ 75.270 χ^2 /NDF: 4.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.766 $\pm$ 67.109 χ^2 /NDF: 7.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

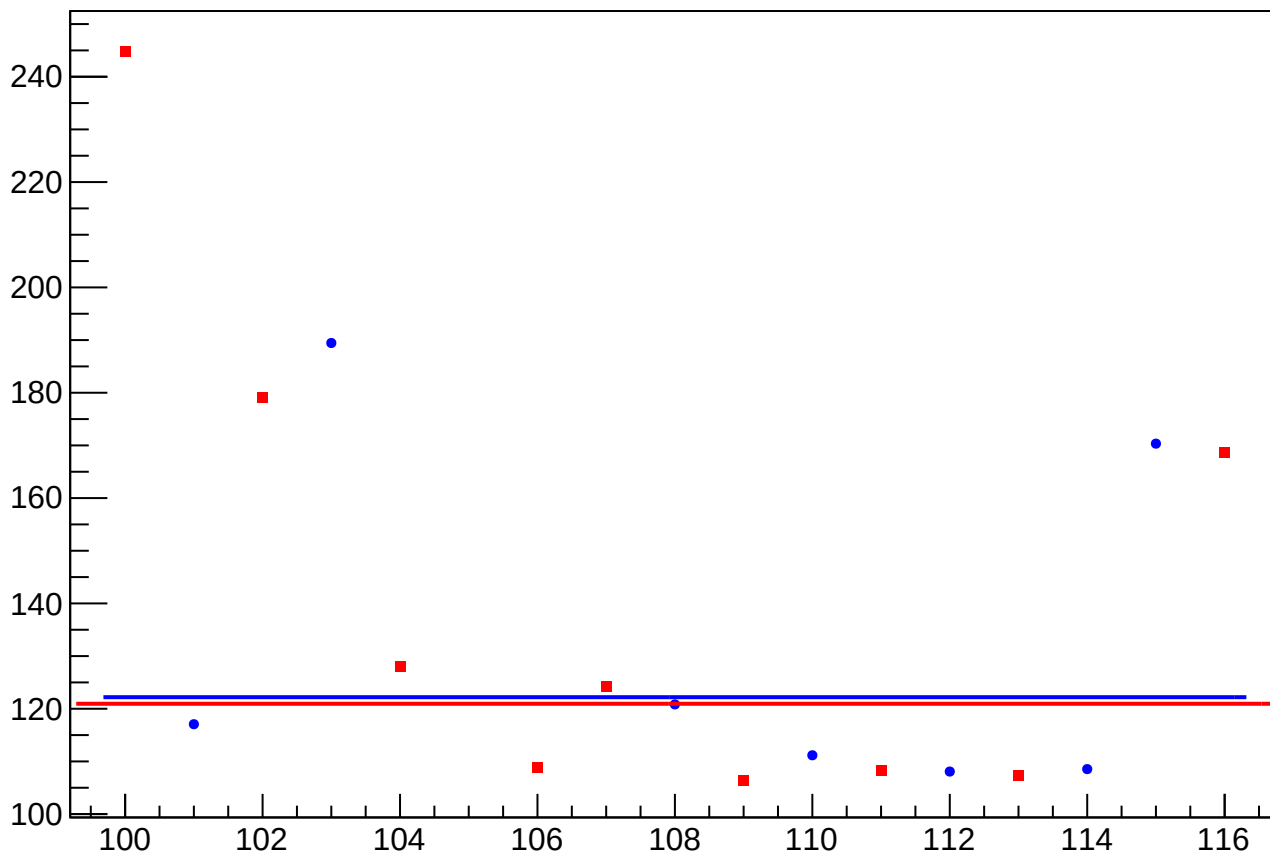
Right: 25.706 $\pm$ 50.091 χ^2 /NDF: 12.9/15

In: -39.786 $\pm$ 75.270 χ^2 /NDF:4.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.706 $\pm$ 50.091 χ^2 /NDF: 12.9/15

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 122.195+/-0.053 χ^2/NDF : 202327.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.948+/-0.047 χ^2/NDF : 268483.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

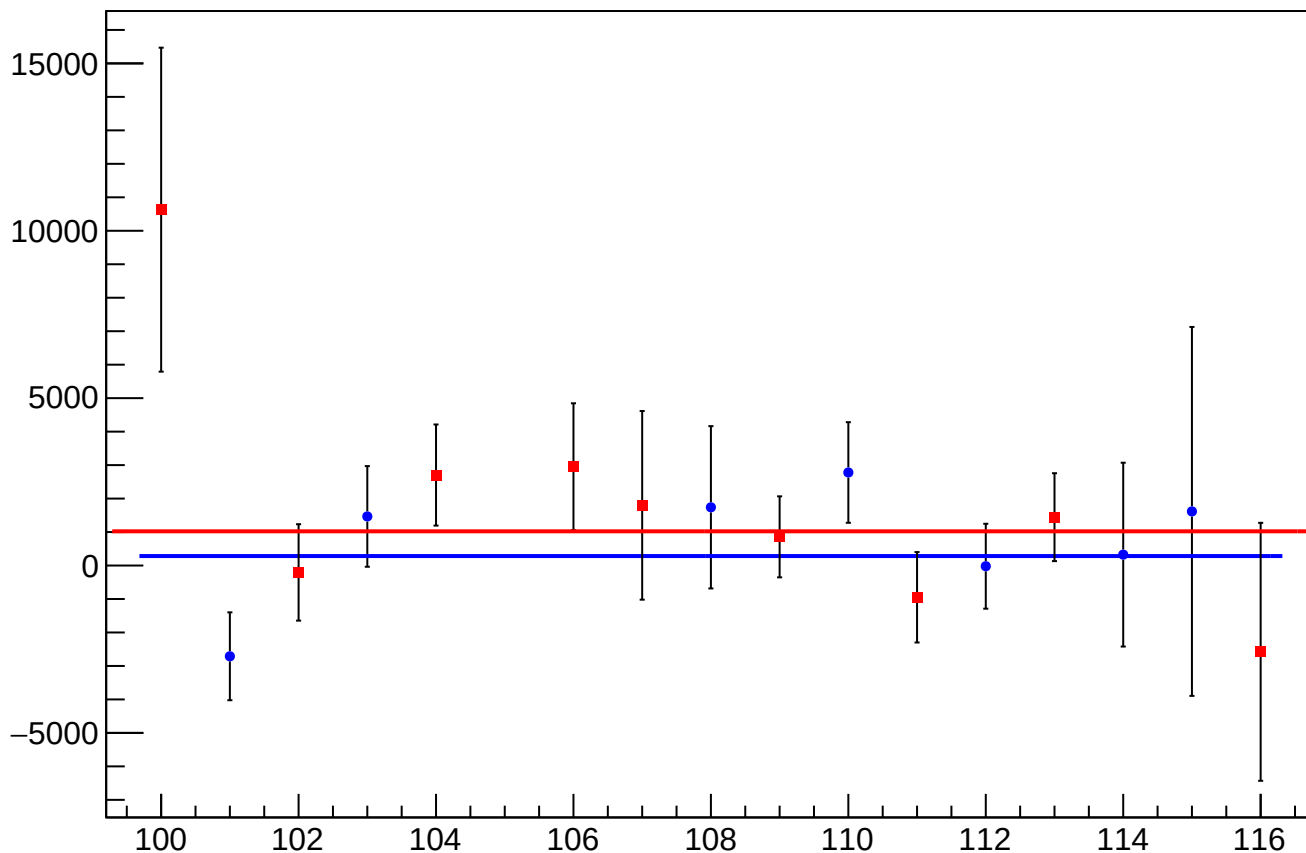
Right: 121.500+/-0.035 χ^2/NDF : 471116.1/15

In: 122.195+/-0.053 χ^2/NDF : 202327.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.500+/-0.035 χ^2/NDF : 471116.1/15

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 282.996 $\pm$ 642.443 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1022.202 $\pm$ 554.957 χ^2 /NDF: 10.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

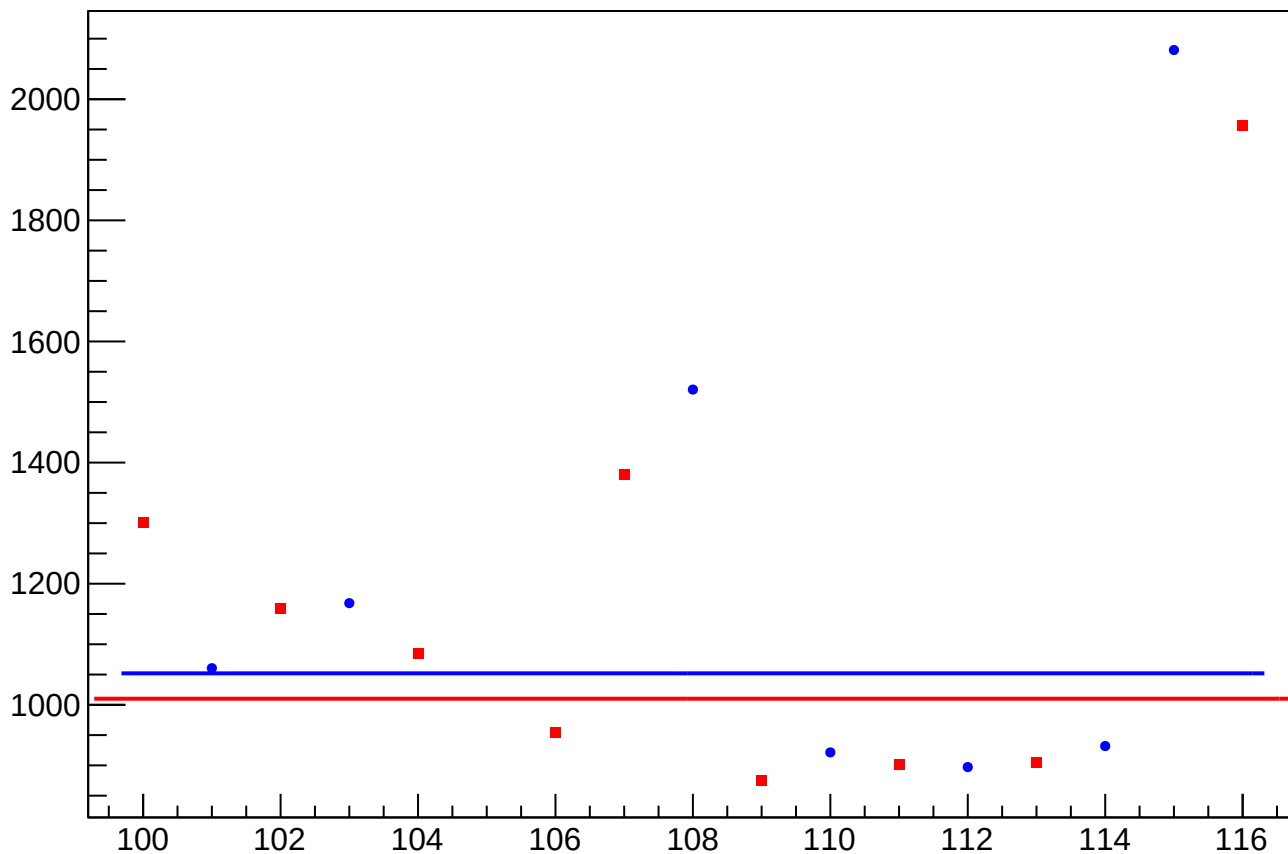
Right: 706.322 $\pm$ 419.965 χ^2 /NDF: 20.0/15

In: 282.996 $\pm$ 642.443 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 706.322 $\pm$ 419.965 χ^2 /NDF: 20.0/15

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1051.957+/-0.454 χ^2/NDF : 205189.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1010.113+/-0.392 χ^2/NDF : 241183.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

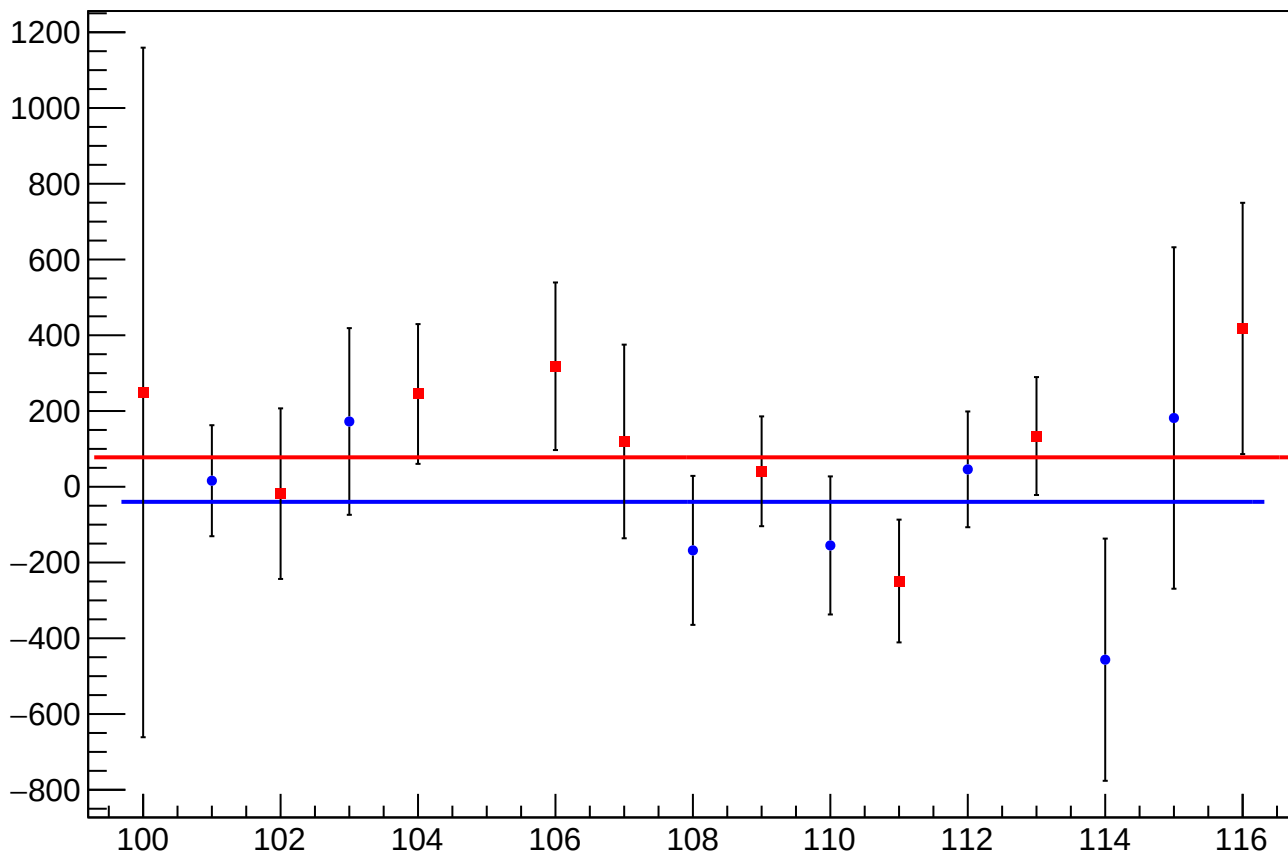
Right: 1027.994+/-0.297 χ^2/NDF : 451231.4/15

In: 1051.957+/-0.454 χ^2/NDF : 205189.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.994+/-0.297 χ^2/NDF : 451231.4/15

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -39.786 $\pm$ 75.270 χ^2 /NDF: 4.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.766 $\pm$ 67.109 χ^2 /NDF: 7.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

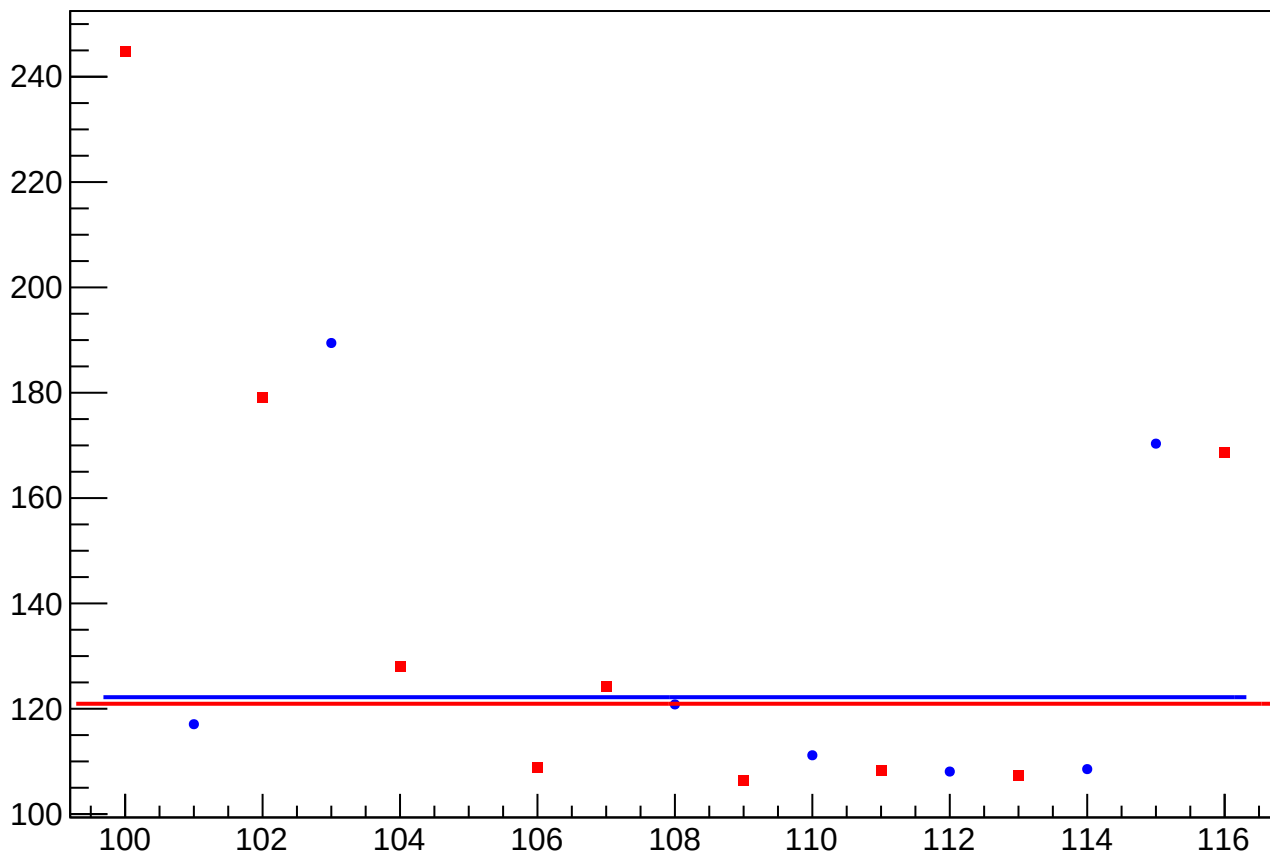
Right: 25.706 $\pm$ 50.091 χ^2 /NDF: 12.9/15

In: -39.786 $\pm$ 75.270 χ^2 /NDF:4.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.706 $\pm$ 50.091 χ^2 /NDF: 12.9/15

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 122.195+/-0.053 χ^2/NDF : 202327.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.948+/-0.047 χ^2/NDF : 268483.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

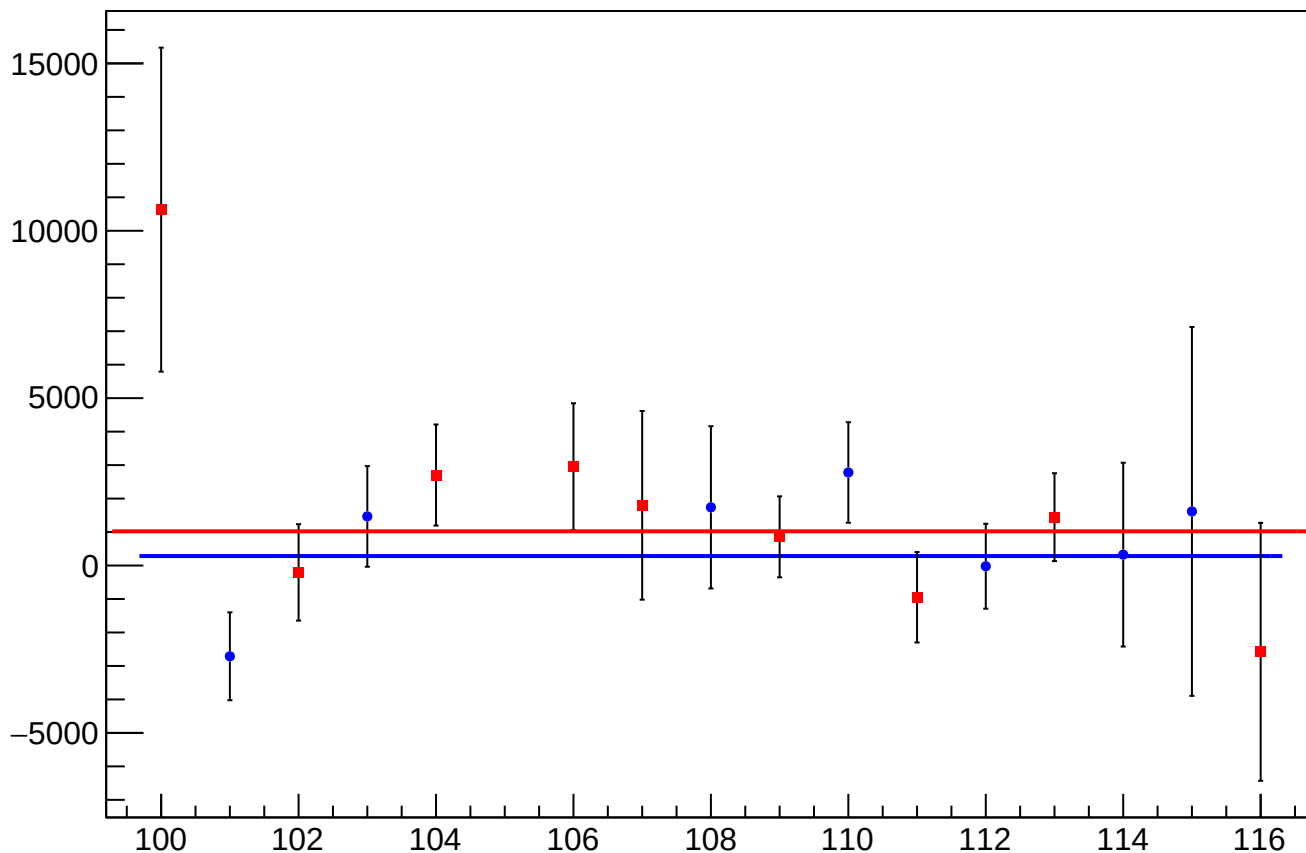
Right: 121.500+/-0.035 χ^2/NDF : 471116.1/15

In: 122.195+/-0.053 χ^2/NDF : 202327.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.500+/-0.035 χ^2/NDF : 471116.1/15

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 282.996 $\pm$ 642.443 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1022.202 $\pm$ 554.957 χ^2 /NDF: 10.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

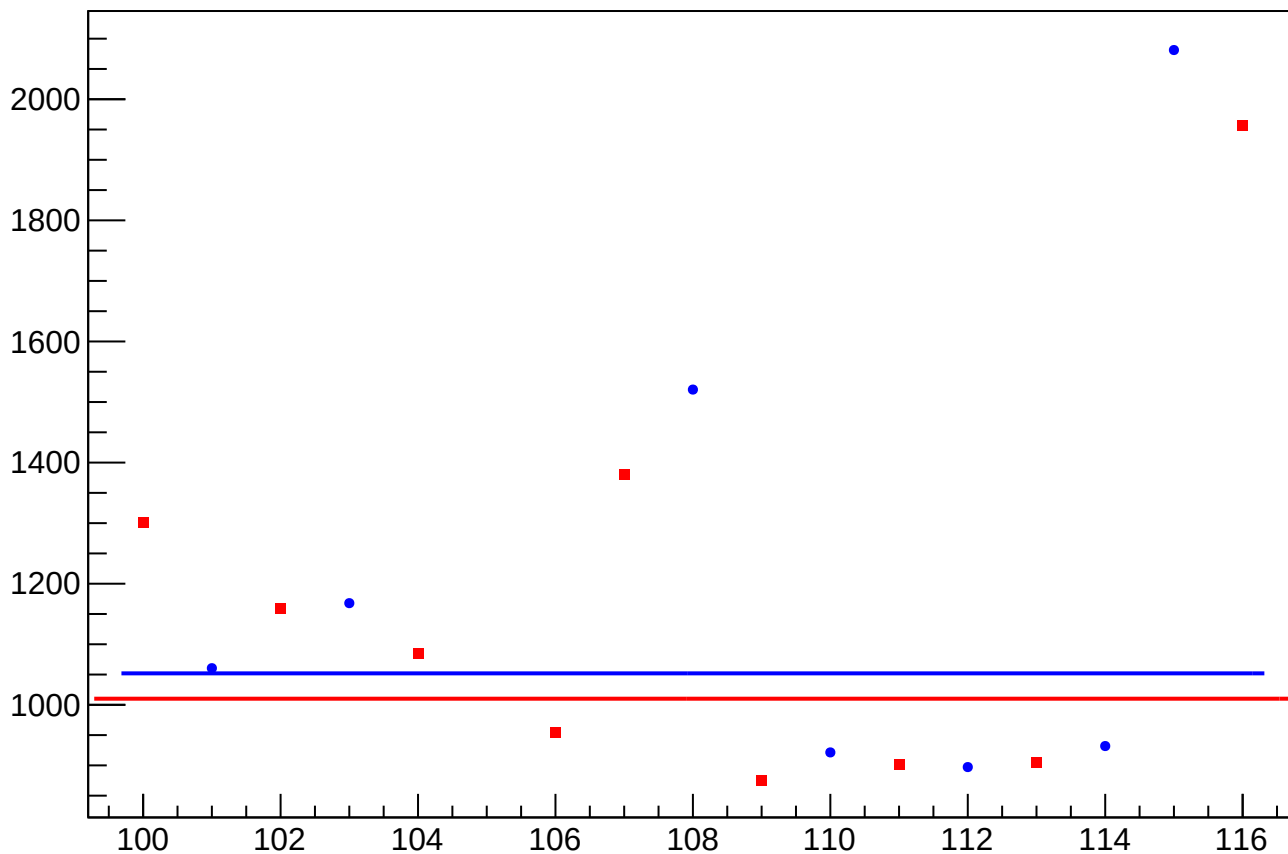
Right: 706.322 $\pm$ 419.965 χ^2 /NDF: 20.0/15

In: 282.996 $\pm$ 642.443 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 706.322 $\pm$ 419.965 χ^2 /NDF: 20.0/15

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1051.957+/-0.454 χ^2/NDF : 205189.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1010.113+/-0.392 χ^2/NDF : 241183.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

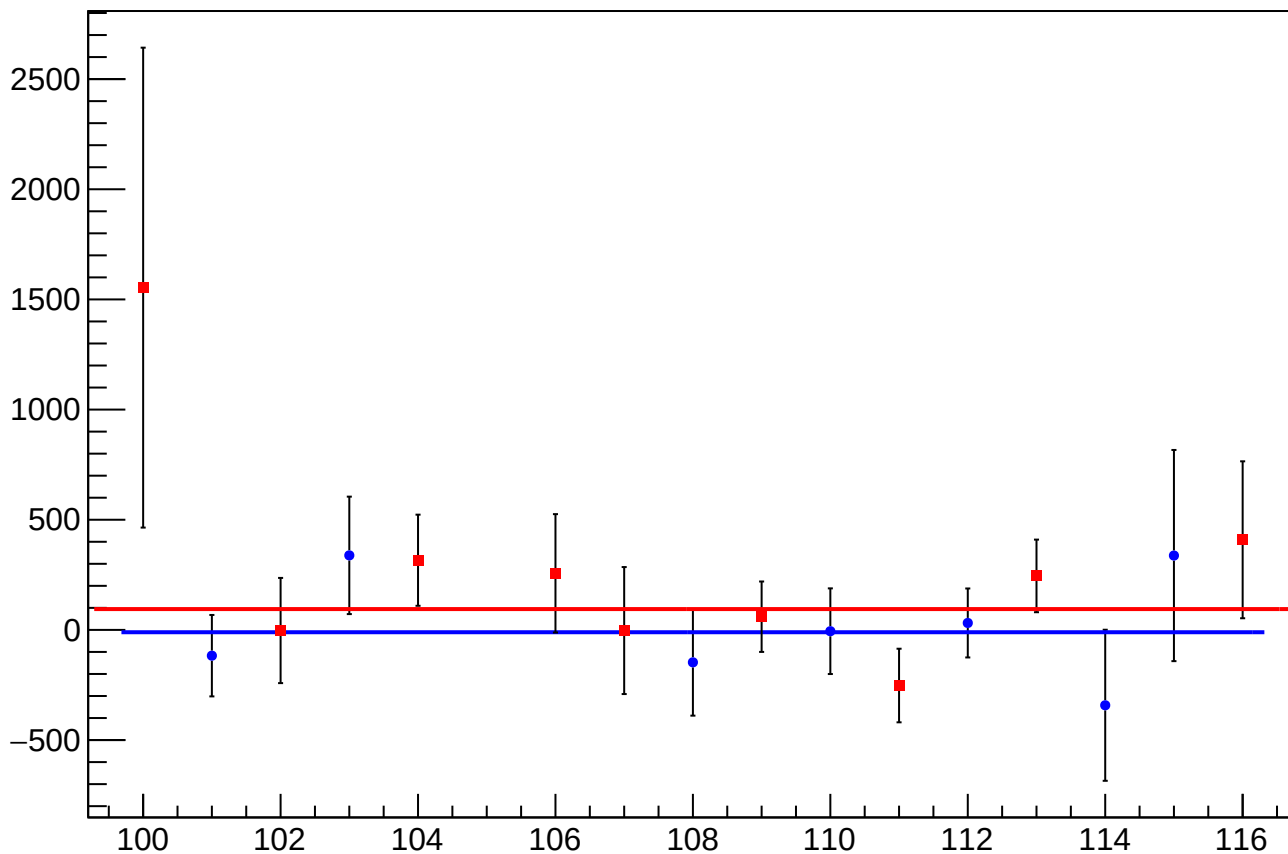
Right: 1027.994+/-0.297 χ^2/NDF : 451231.4/15

In: 1051.957+/-0.454 χ^2/NDF : 205189.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.994+/-0.297 χ^2/NDF : 451231.4/15

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -10.593+/-84.346 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.555+/-73.055 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

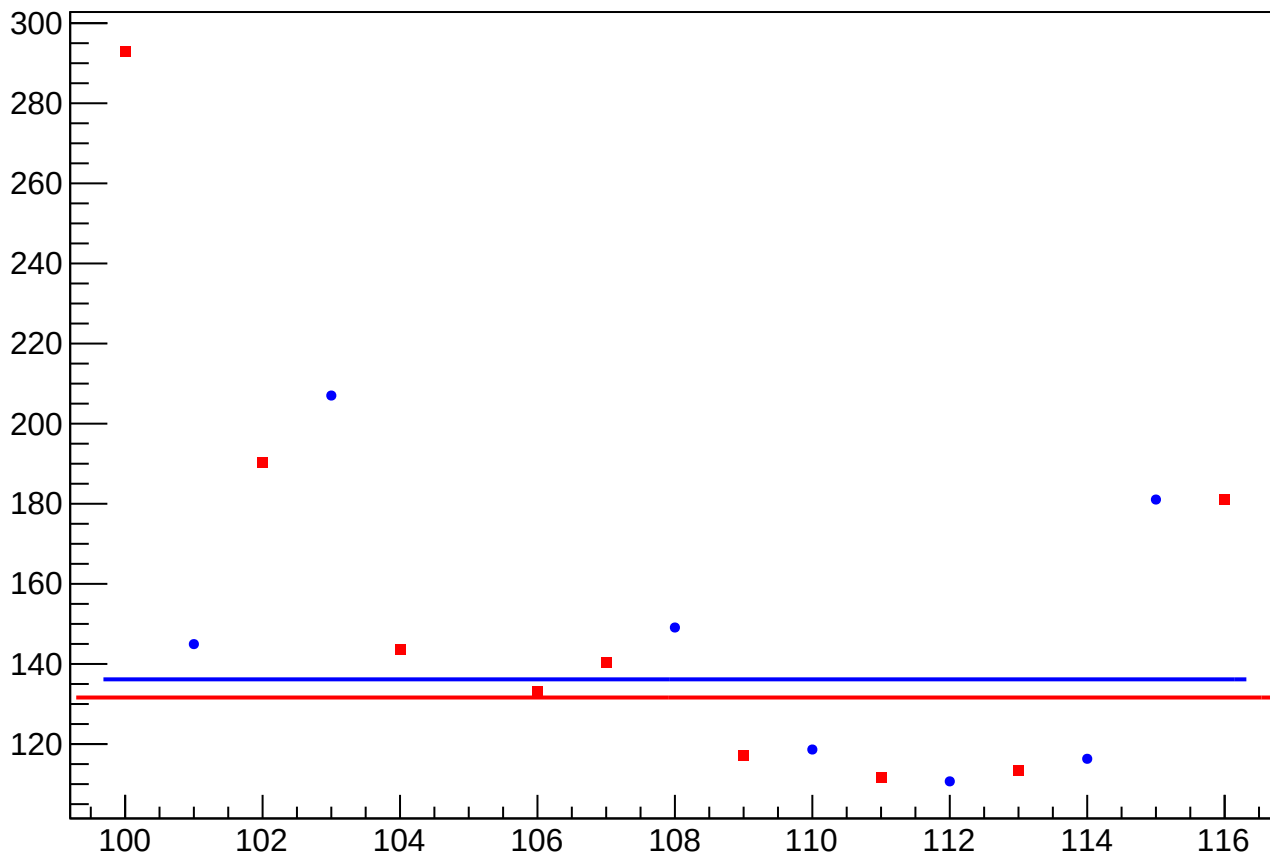
Right: 49.485+/-55.221 χ^2/NDF : 14.4/15

In: -10.593+/-84.346 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.485+/-55.221 χ^2/NDF : 14.4/15

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.158+/-0.060 χ^2/NDF : 245059.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.623+/-0.052 χ^2/NDF : 281536.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

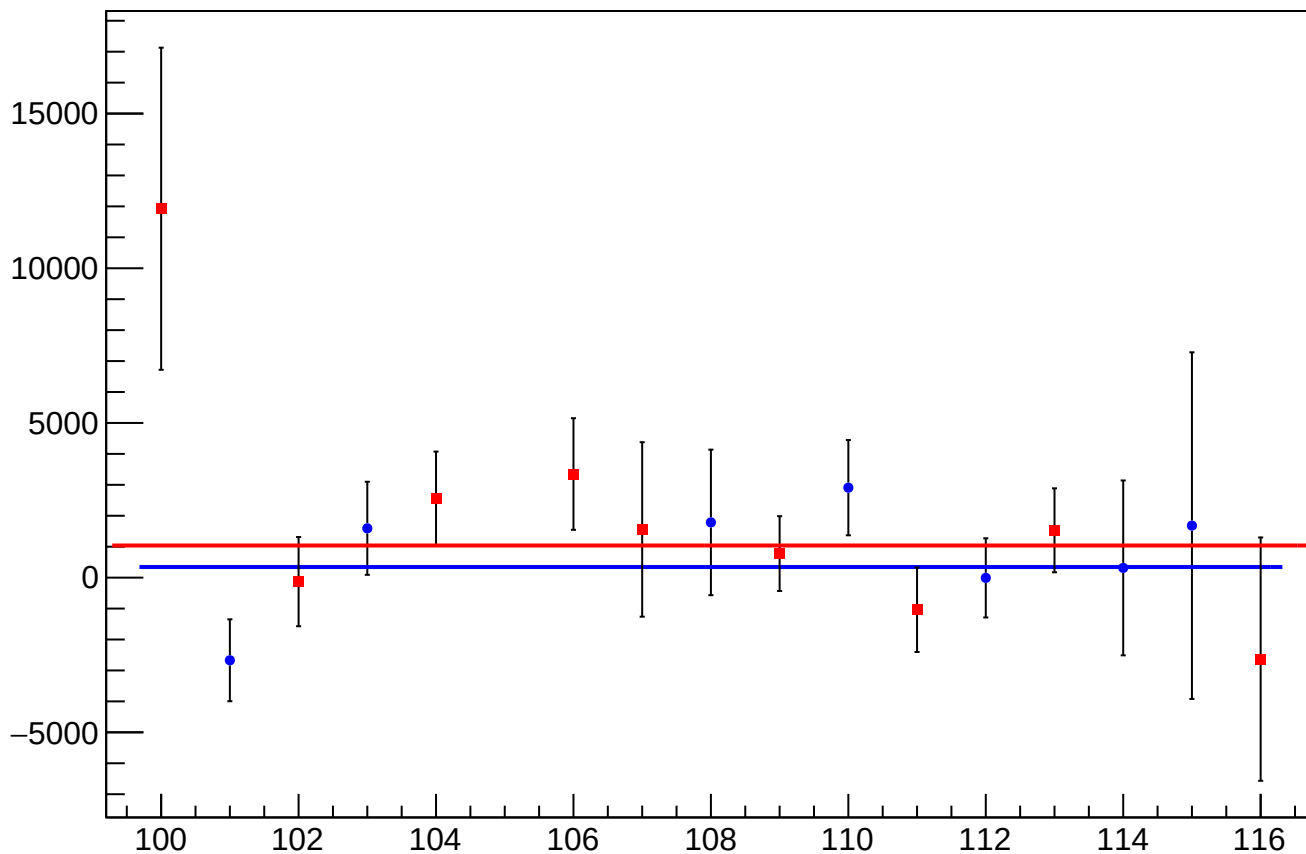
Right: 133.567+/-0.039 χ^2/NDF : 529899.5/15

In: 136.158+/-0.060 χ^2/NDF : 245059.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.567+/-0.039 χ^2/NDF : 529899.5/15

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 343.440 $\pm$ 647.717 χ^2 /NDF: 9.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1038.764 $\pm$ 558.306 χ^2 /NDF: 11.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

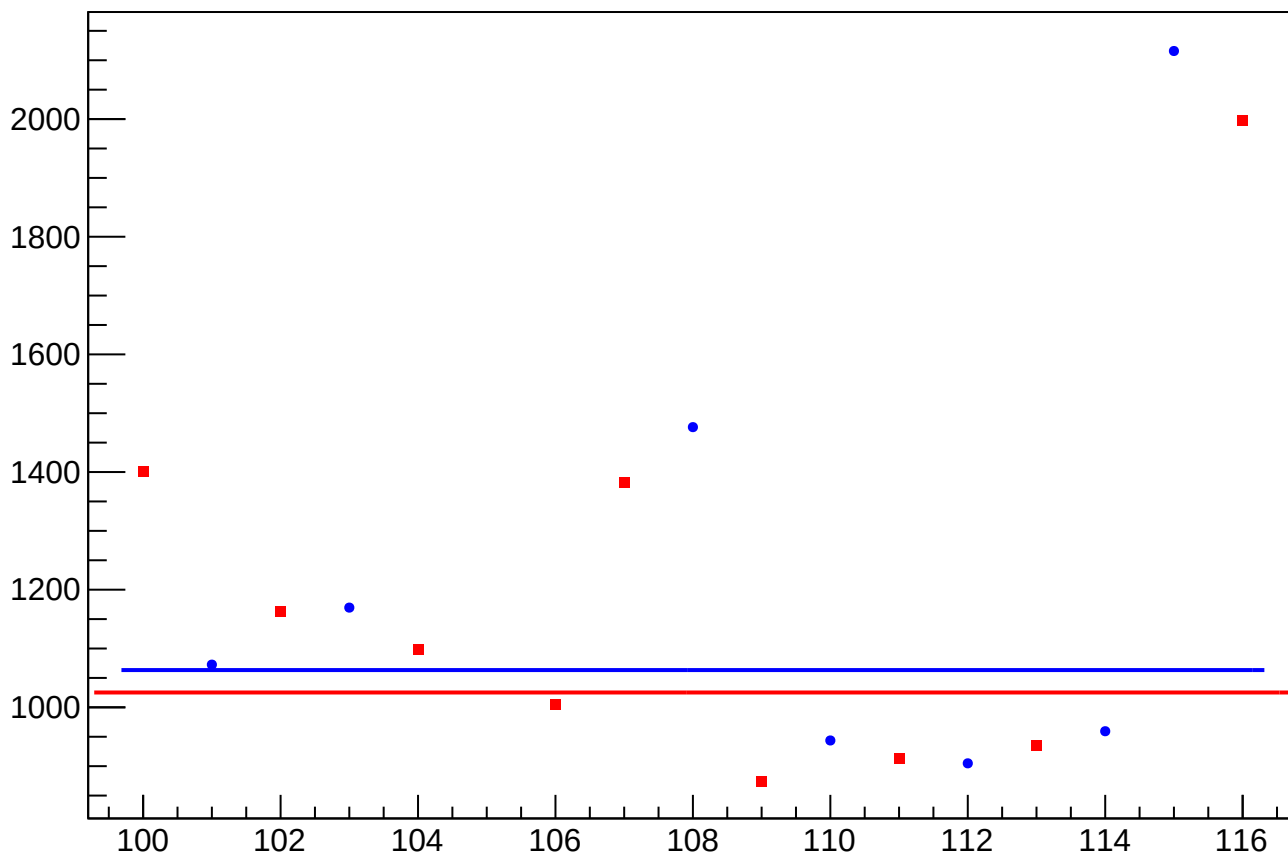
Right: 742.370 $\pm$ 422.889 χ^2 /NDF: 20.9/15

In: 343.440 $\pm$ 647.717 χ^2 /NDF:9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 742.370 $\pm$ 422.889 χ^2 /NDF: 20.9/15

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1063.357+/-0.458 χ^2/NDF : 187802.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.239+/-0.395 χ^2/NDF : 241325.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

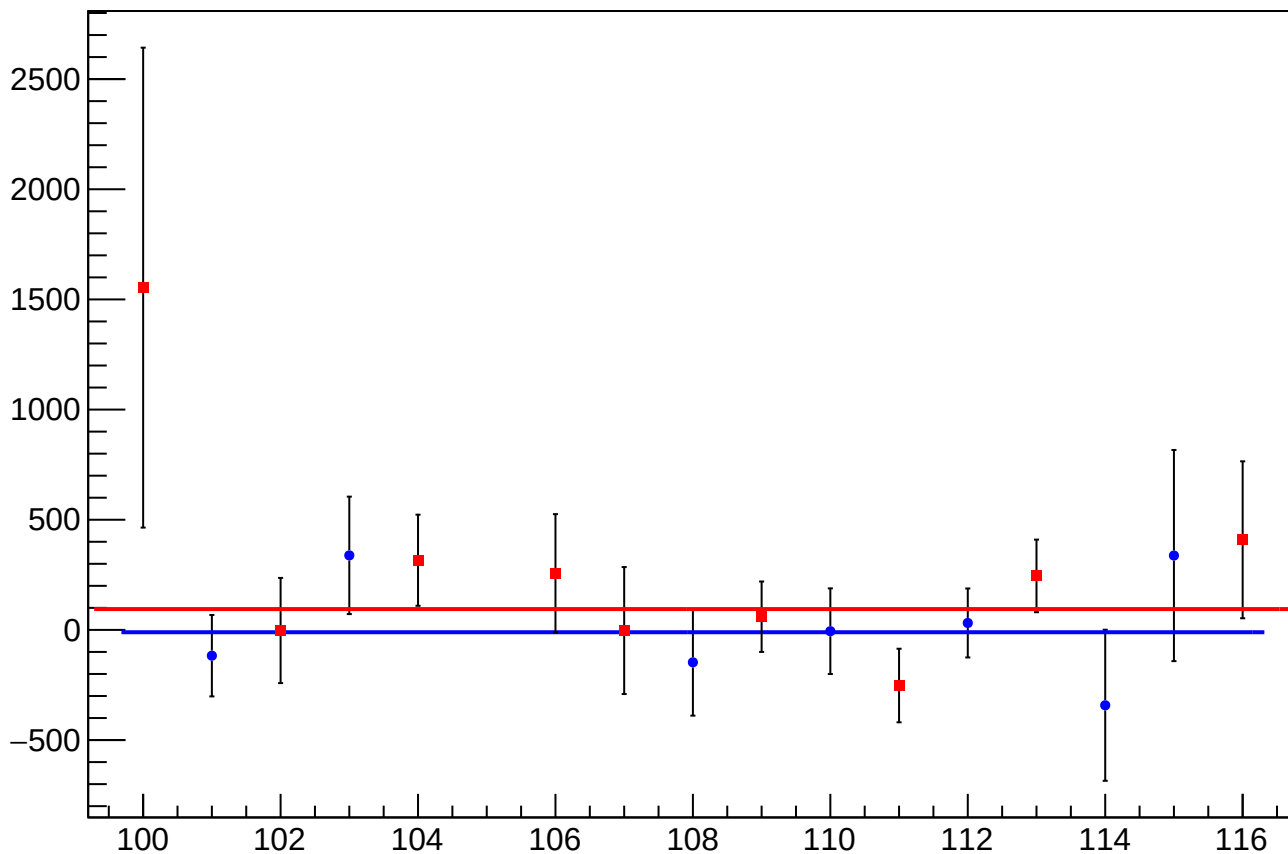
Right: 1041.488+/-0.299 χ^2/NDF : 433102.5/15

In: 1063.357+/-0.458 χ^2/NDF : 187802.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1041.488+/-0.299 χ^2/NDF : 433102.5/15

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -10.593+/-84.346 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.554+/-73.055 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

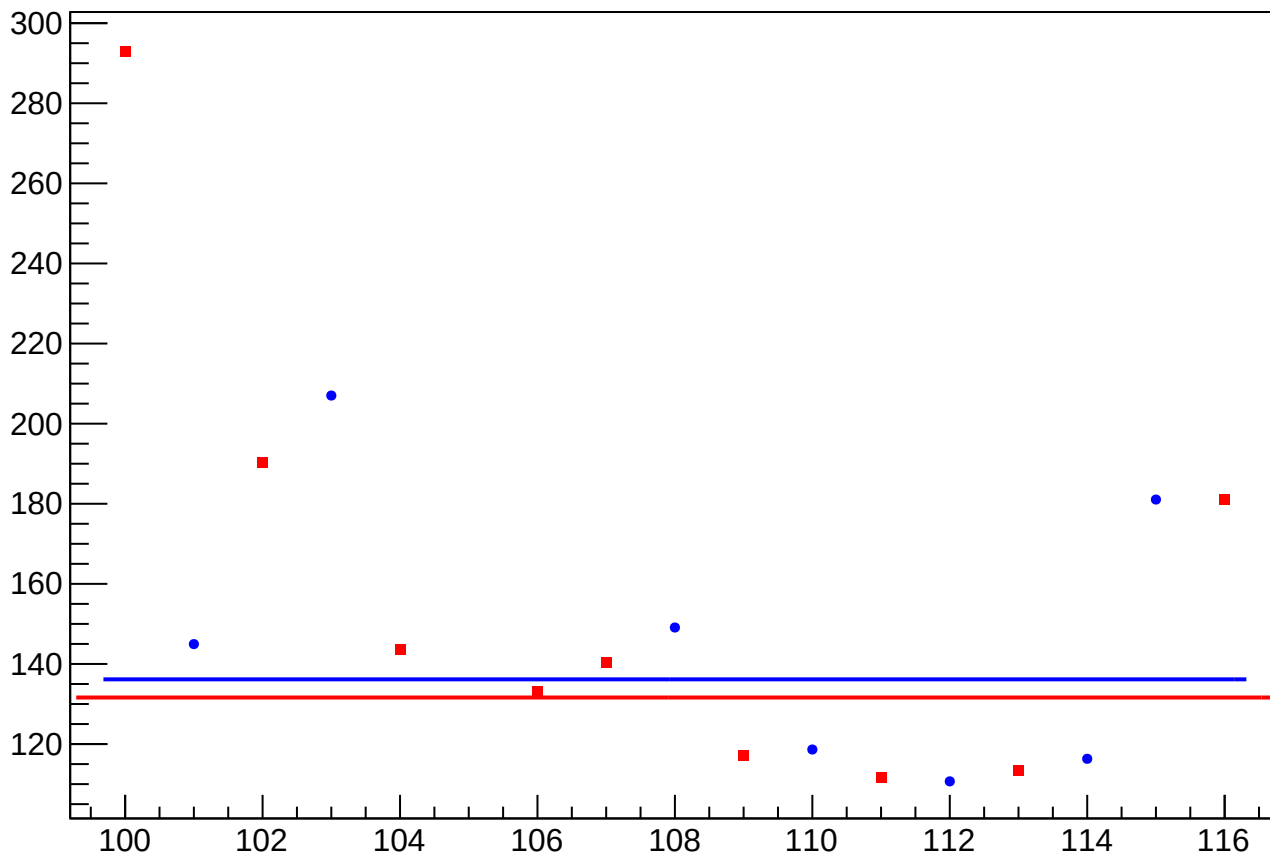
Right: 49.484+/-55.221 χ^2/NDF : 14.4/15

In: -10.593+/-84.346 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.484+/-55.221 χ^2/NDF : 14.4/15

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.158+/-0.060 χ^2/NDF : 245063.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.623+/-0.052 χ^2/NDF : 281539.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

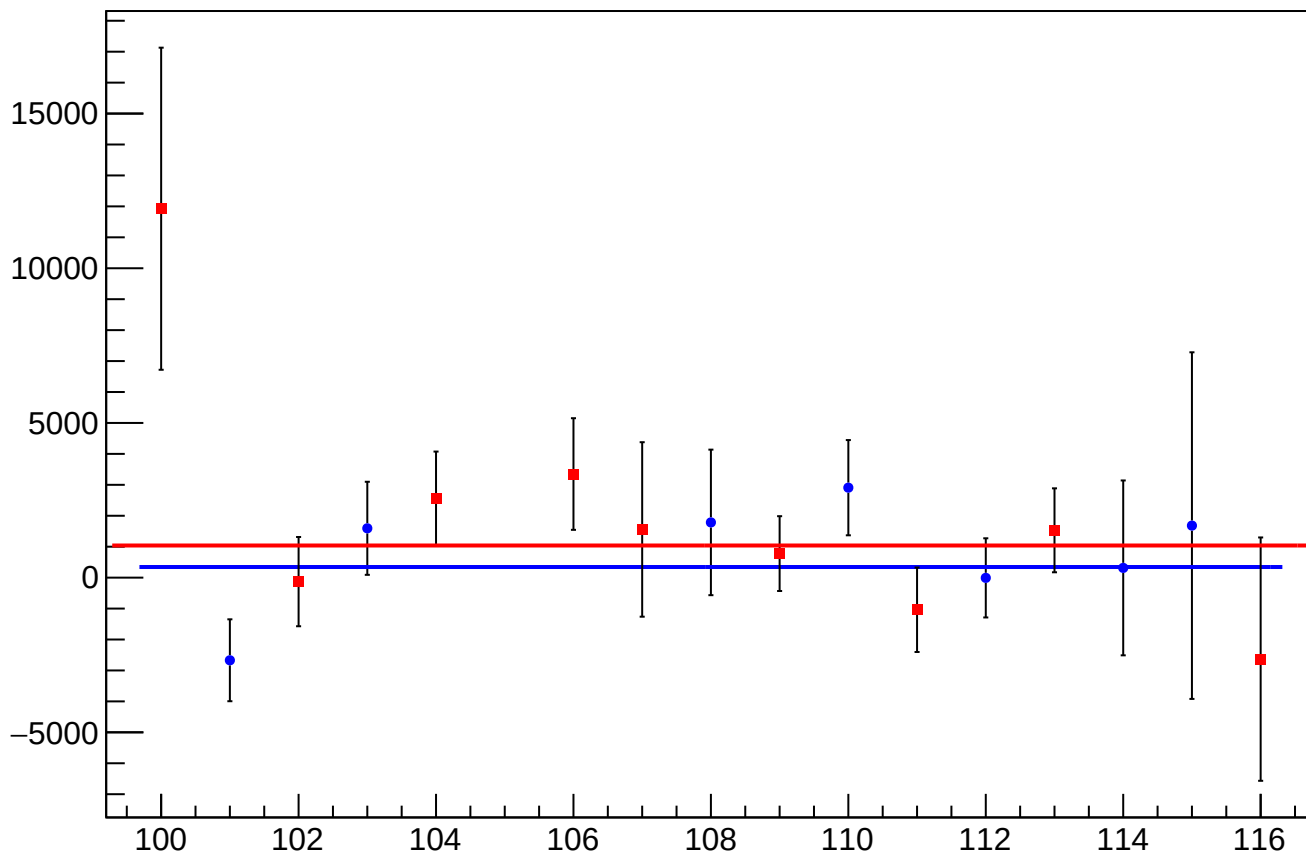
Right: 133.567+/-0.039 χ^2/NDF : 529906.7/15

In: 136.158+/-0.060 χ^2/NDF : 245063.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.567+/-0.039 χ^2/NDF : 529906.7/15

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 343.440 $\pm$ 647.716 χ^2 /NDF: 9.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1038.762 $\pm$ 558.305 χ^2 /NDF: 11.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

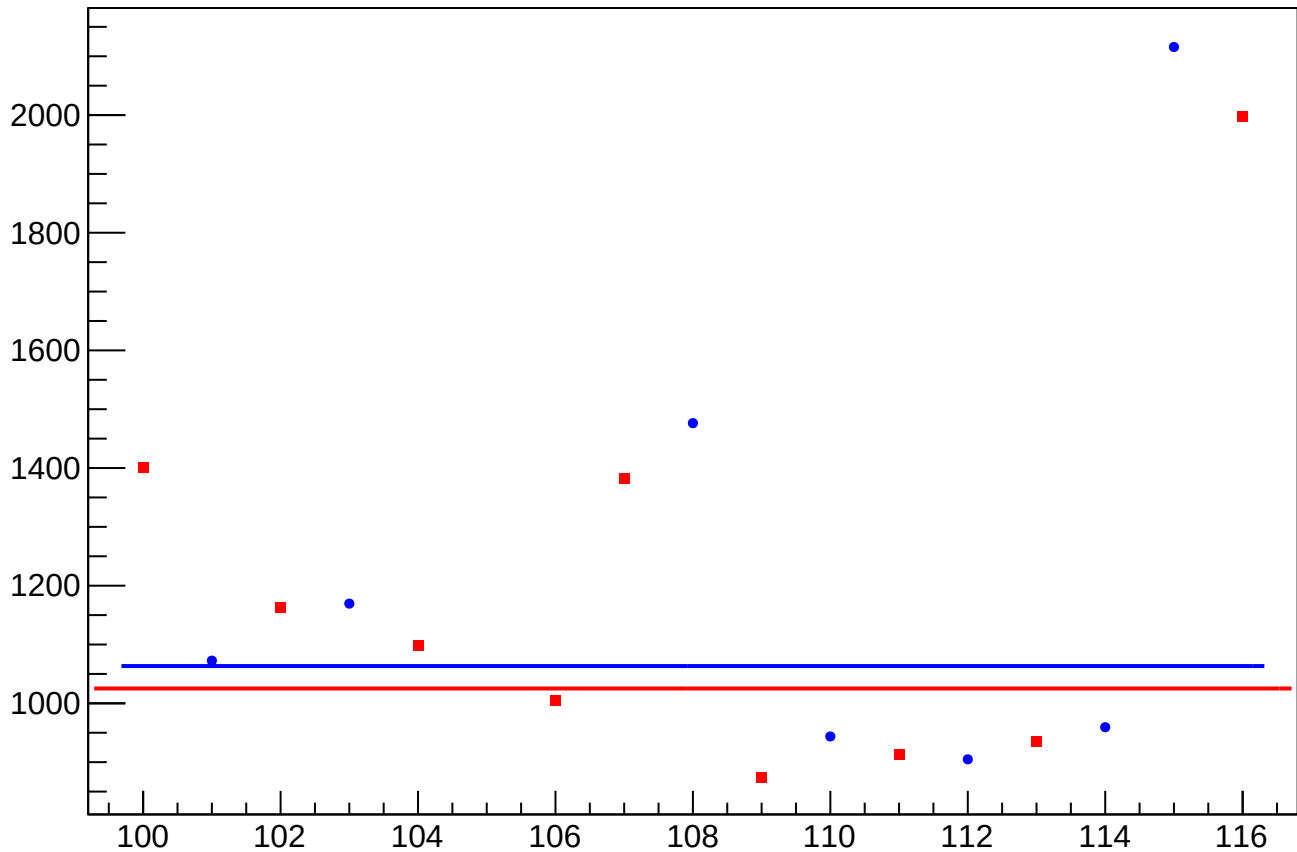
Right: 742.368 $\pm$ 422.889 χ^2 /NDF: 20.9/15

In: 343.440 $\pm$ 647.716 χ^2 /NDF:9.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 742.368 $\pm$ 422.889 χ^2 /NDF: 20.9/15

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1063.356+/-0.458 χ^2/NDF : 187803.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.238+/-0.395 χ^2/NDF : 241327.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

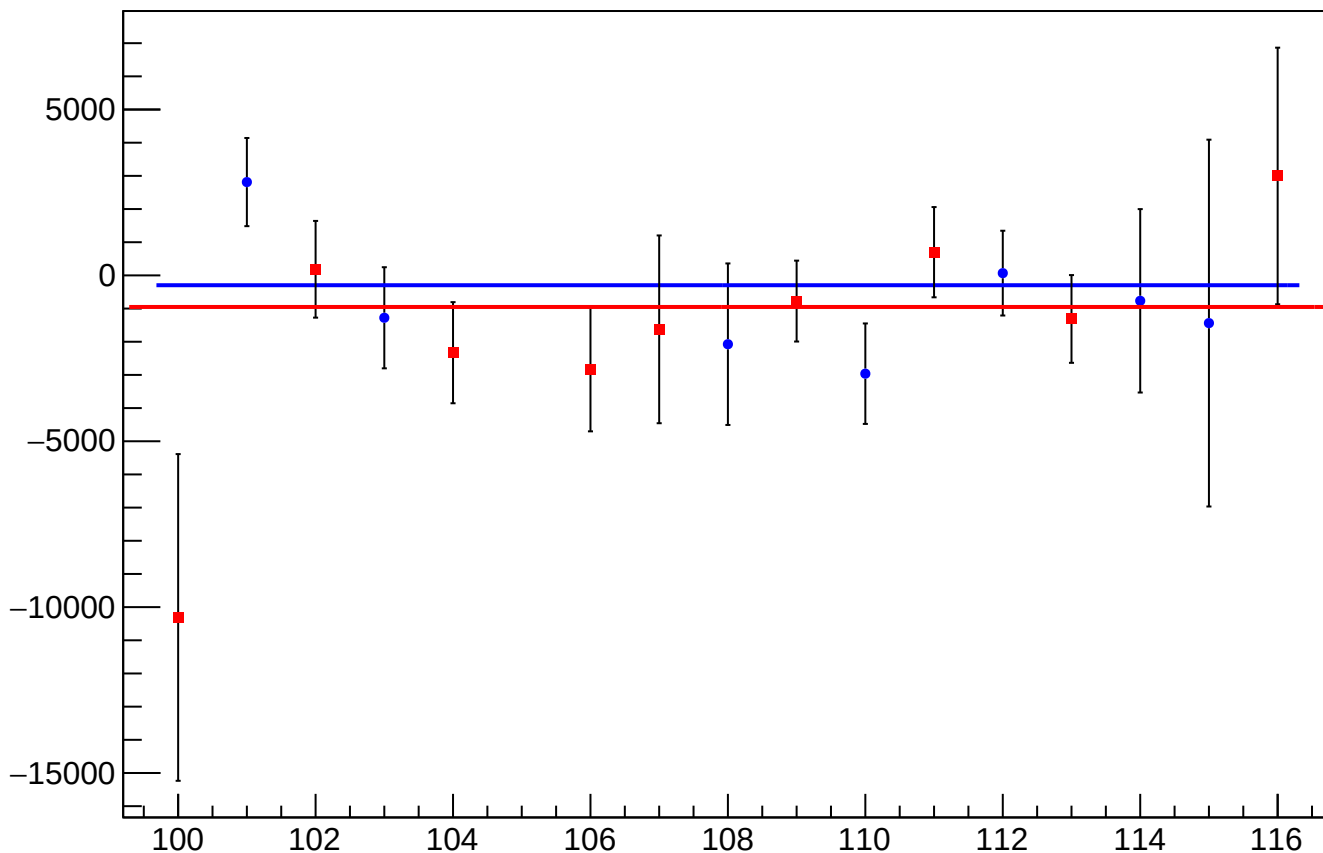
Right: 1041.487+/-0.299 χ^2/NDF : 433105.1/15

In: 1063.356+/-0.458 χ^2/NDF : 187803.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1041.487+/-0.299 χ^2/NDF : 433105.1/15

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -296.291+/-648.528 χ^2/NDF : 9.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -951.774+/-558.534 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

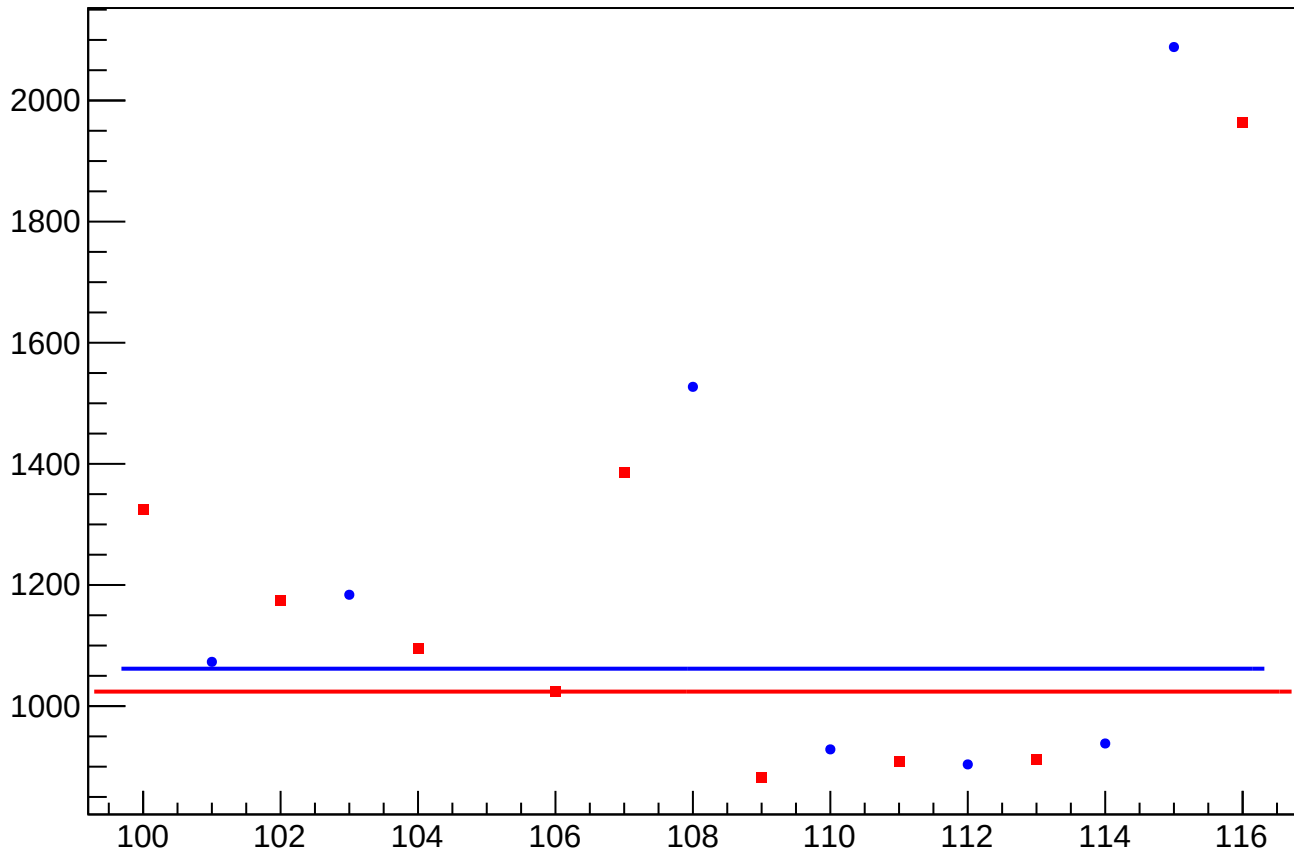
Right: -672.632+/-423.214 χ^2/NDF : 19.0/15

In: -296.291+/-648.528 χ^2/NDF :9.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -672.632+/-423.214 χ^2/NDF : 19.0/15

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1061.778+/-0.459 χ^2/NDF : 205078.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1023.951+/-0.395 χ^2/NDF : 239694.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

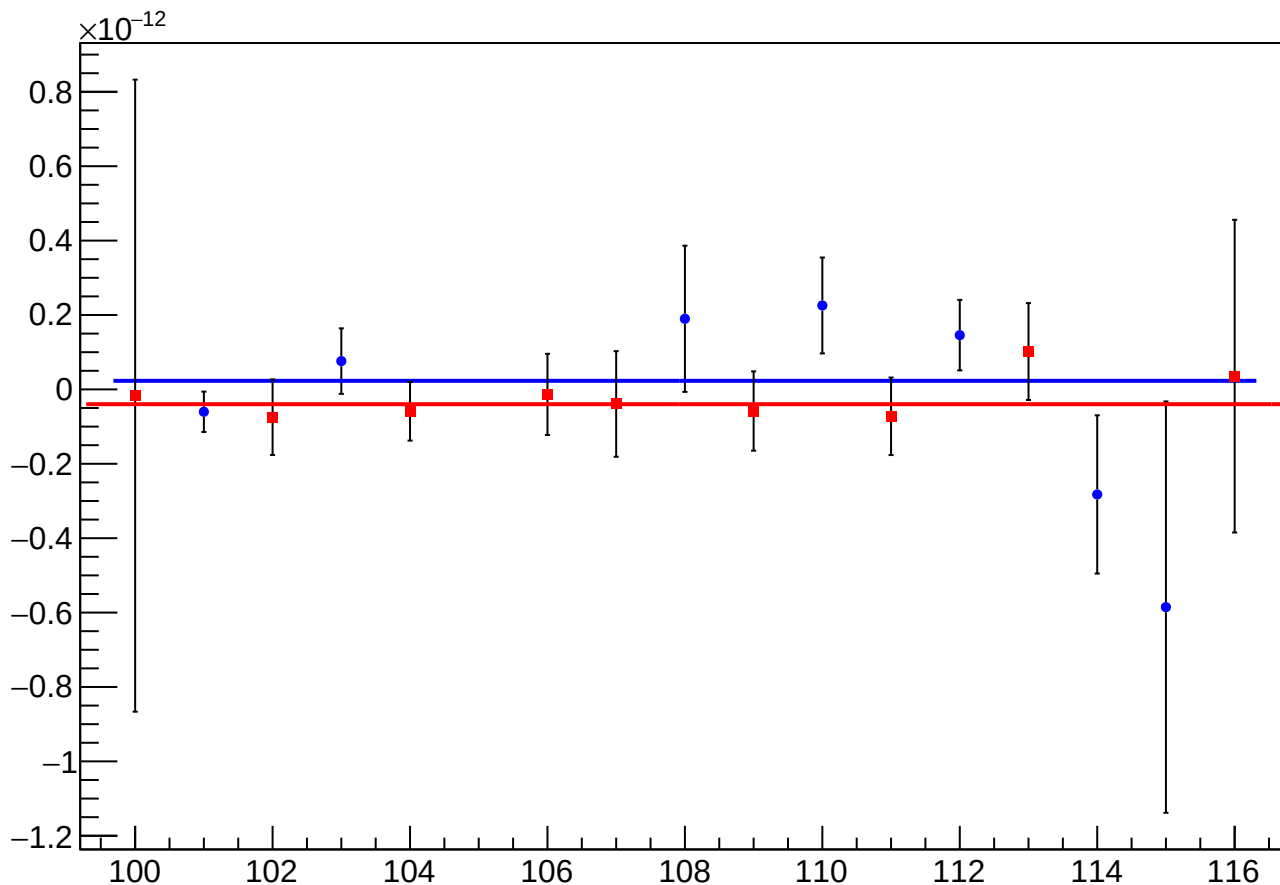
Right: 1040.060+/-0.299 χ^2/NDF : 448679.1/15

In: 1061.778+/-0.459 χ^2/NDF : 205078.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1040.060+/-0.299 χ^2/NDF : 448679.1/15

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

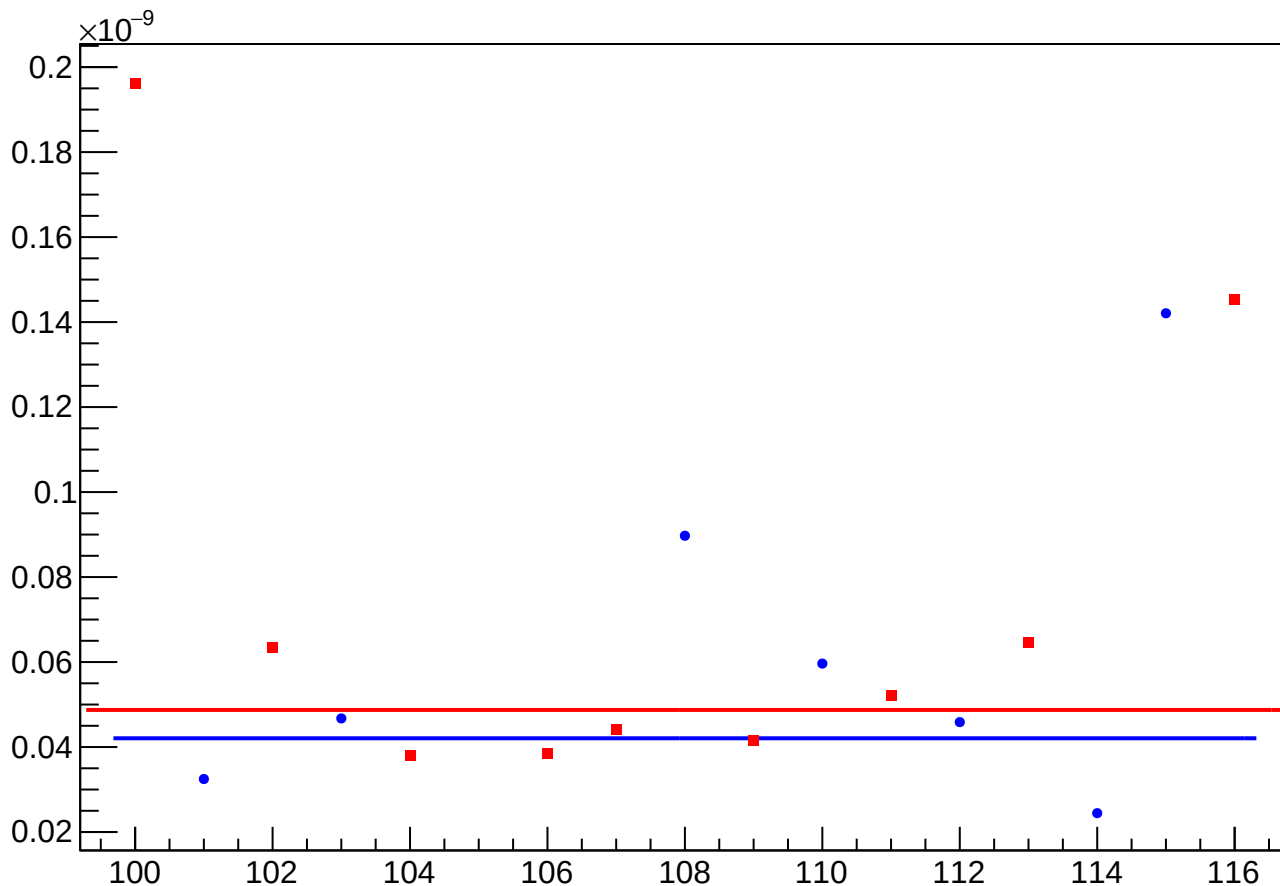
Right: -0.000+/-0.000 χ^2/NDF : 13.7/15

In: 0.000+/-0.000 χ^2/NDF : 10.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.7/15

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 305299.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 305430.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

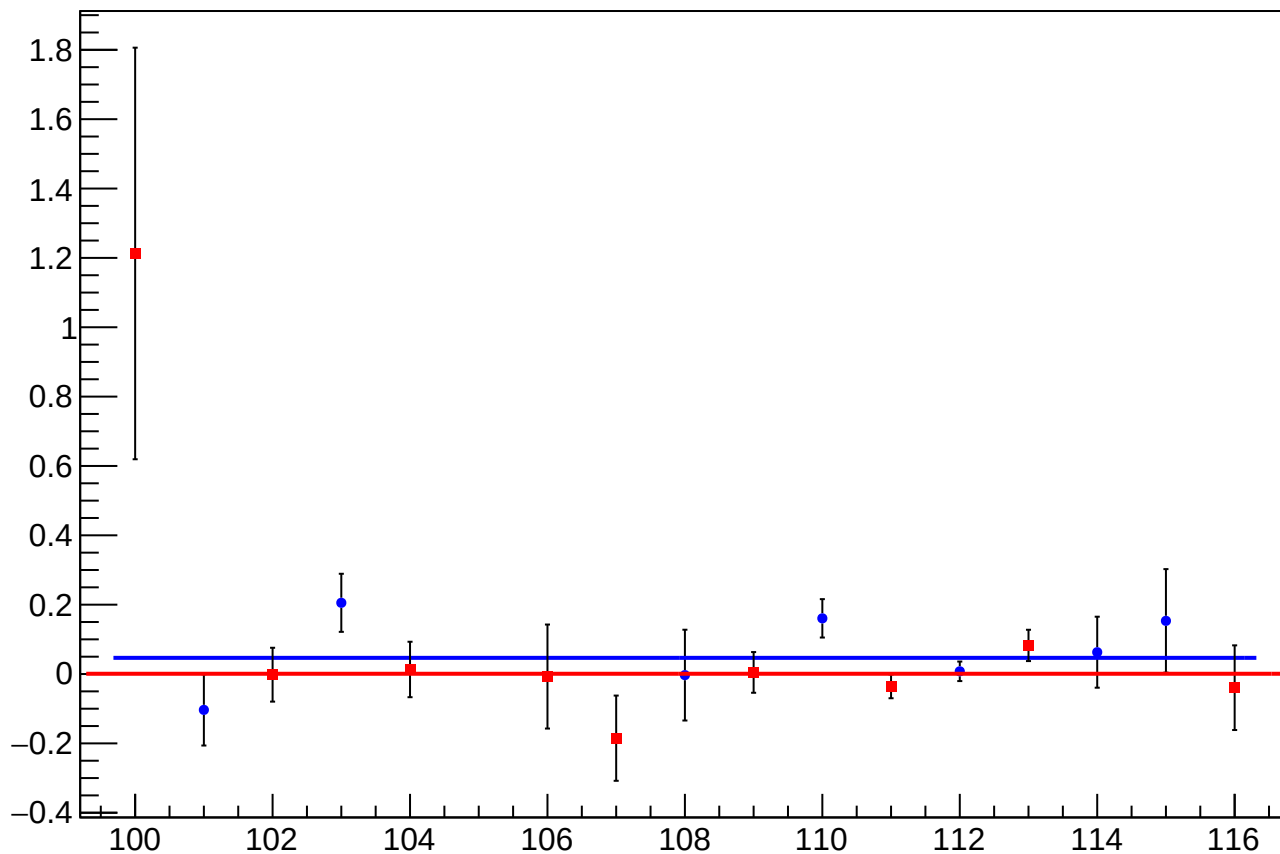
Right: 0.000+/-0.000 χ^2/NDF : 640230.3/15

In: 0.000+/-0.000 χ^2/NDF : 305299.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 640230.3/15

asym_sam_48_avg_dit_vs_slug_Sign_Corrected



Right In: 0.047 $\pm$ 0.022 χ^2 /NDF: 12.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.022 χ^2 /NDF: 11.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

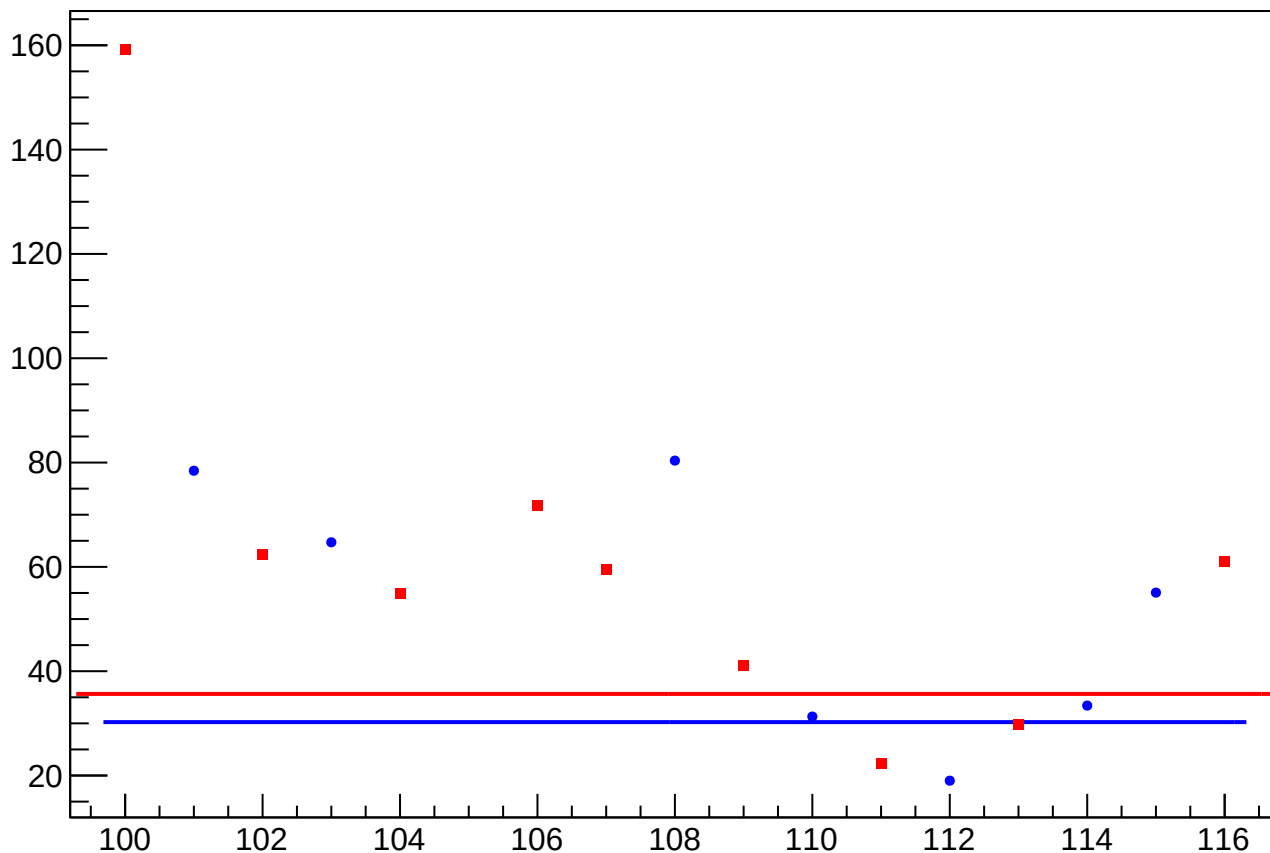
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 25.7/15

In: 0.047 $\pm$ 0.022 χ^2 /NDF:12.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 25.7/15

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.240+/-0.016 χ^2/NDF : 1448816.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.644+/-0.015 χ^2/NDF : 1072262.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

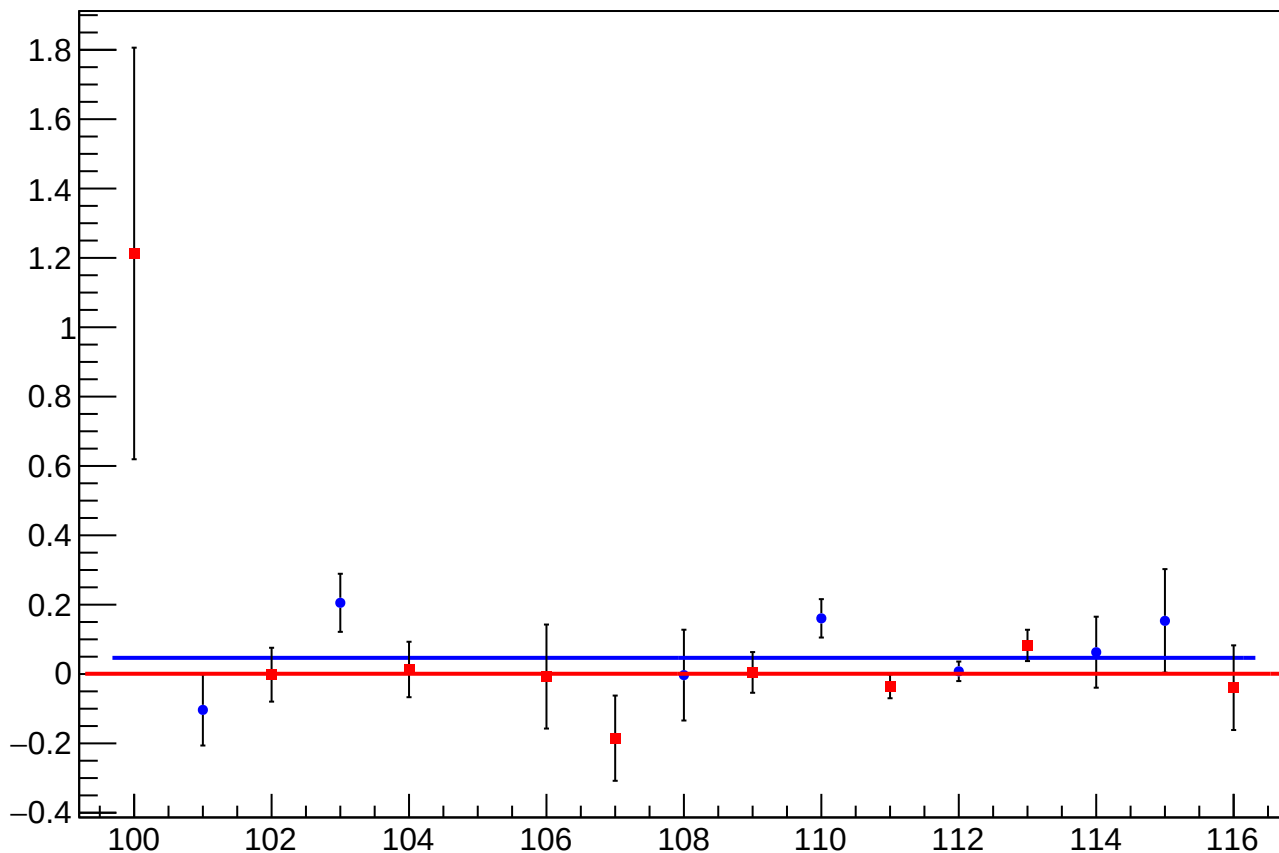
Right: 33.013+/-0.011 χ^2/NDF : 2581726.1/15

In: 30.240+/-0.016 χ^2/NDF : 1448816.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.013+/-0.011 χ^2/NDF : 2581726.1/15

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.022 χ^2/NDF : 12.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.022 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

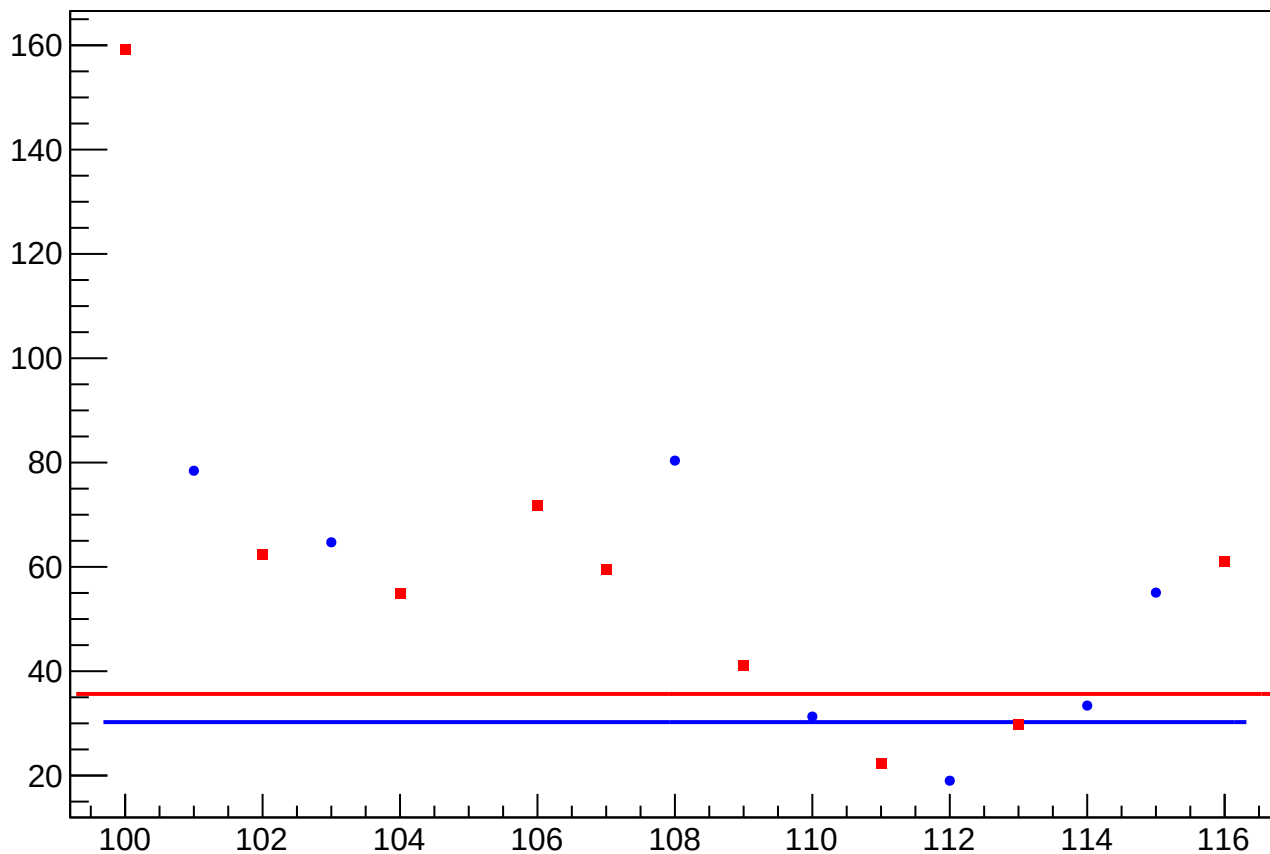
Right: 0.023+/-0.016 χ^2/NDF : 25.7/15

In: 0.047+/-0.022 χ^2/NDF :12.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.016 χ^2/NDF : 25.7/15

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.240+/-0.016 χ^2/NDF : 1448816.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.644+/-0.015 χ^2/NDF : 1072262.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

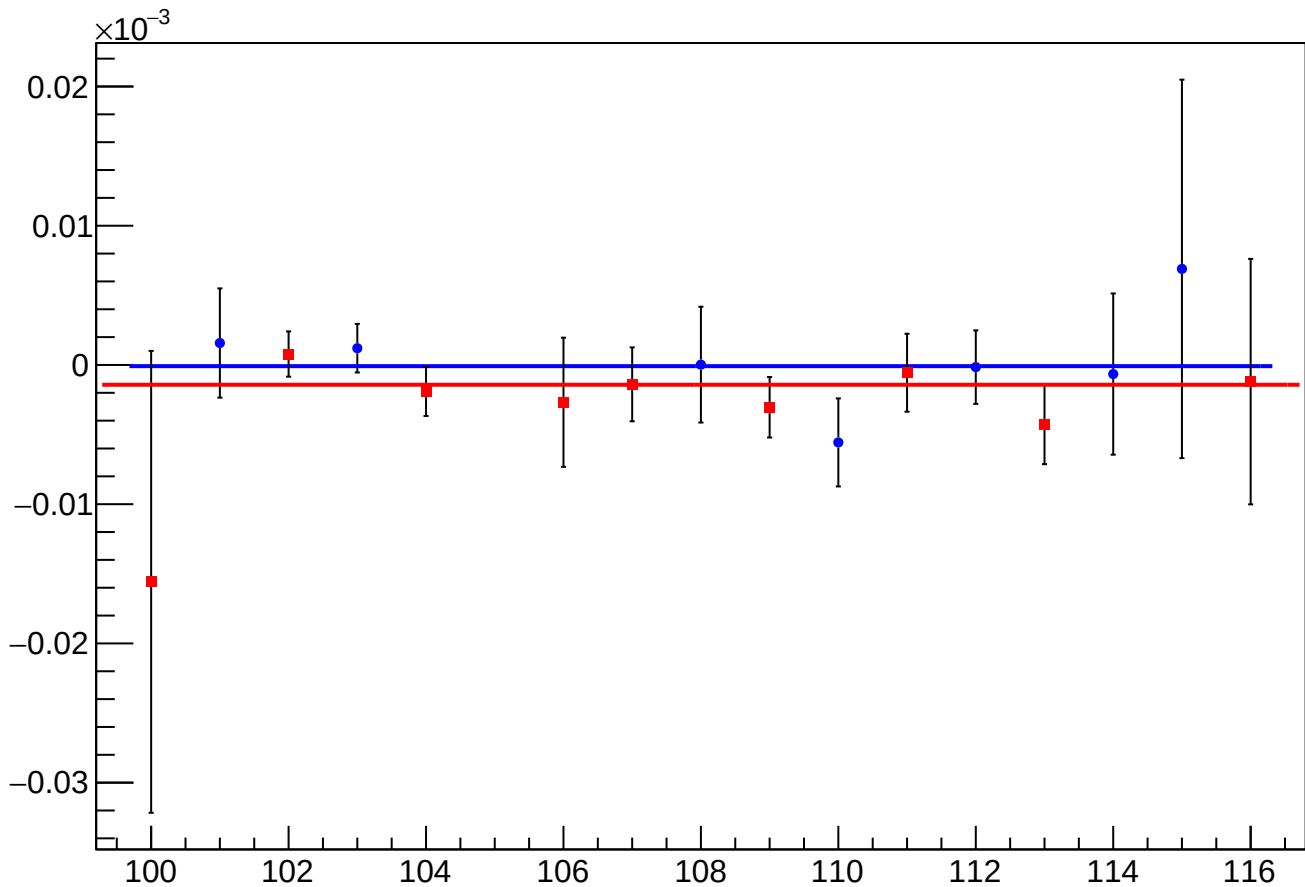
Right: 33.013+/-0.011 χ^2/NDF : 2581726.1/15

In: 30.240+/-0.016 χ^2/NDF : 1448816.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.013+/-0.011 χ^2/NDF : 2581726.1/15

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

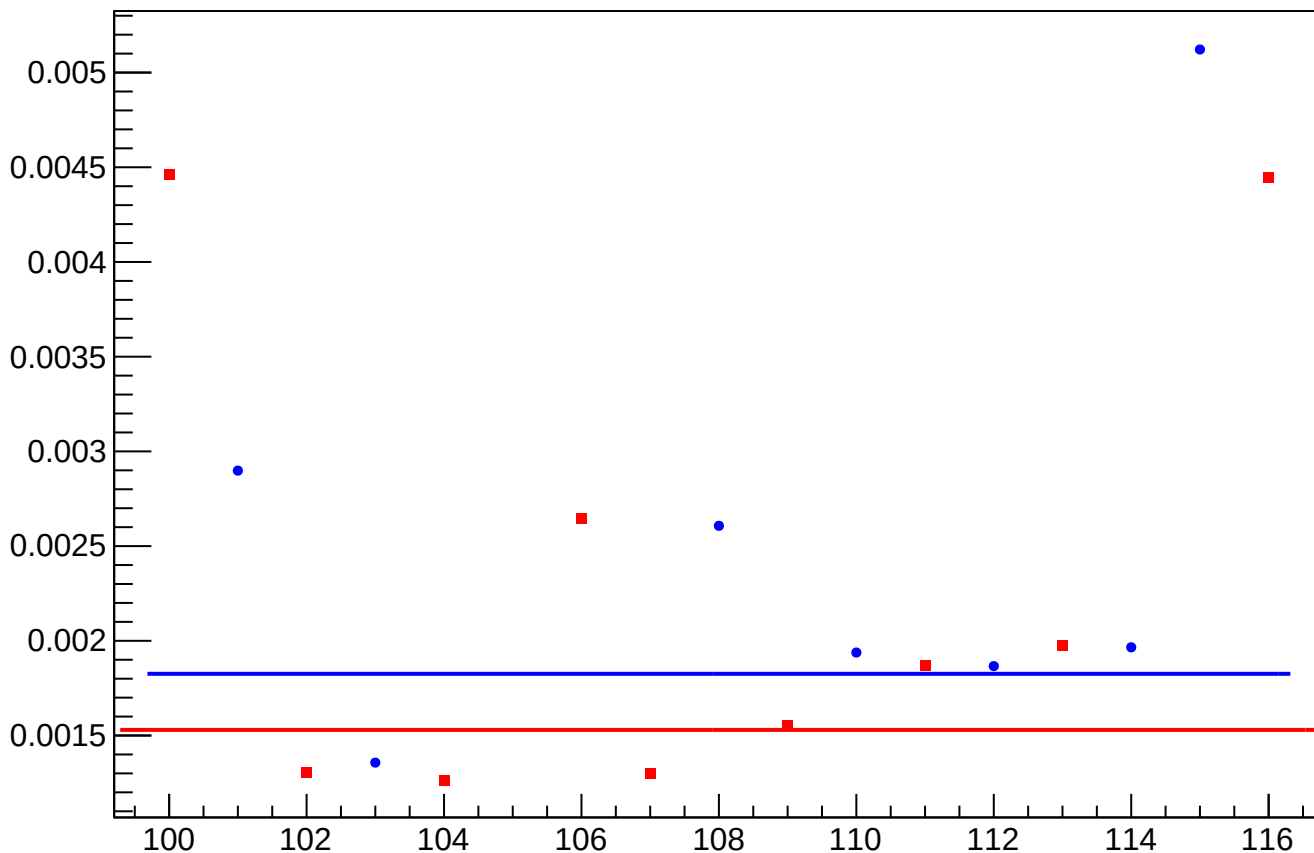
Right: -0.000+/-0.000 χ^2/NDF : 9.2/15

In: -0.000+/-0.000 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.2/15

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 486030.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 574454.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

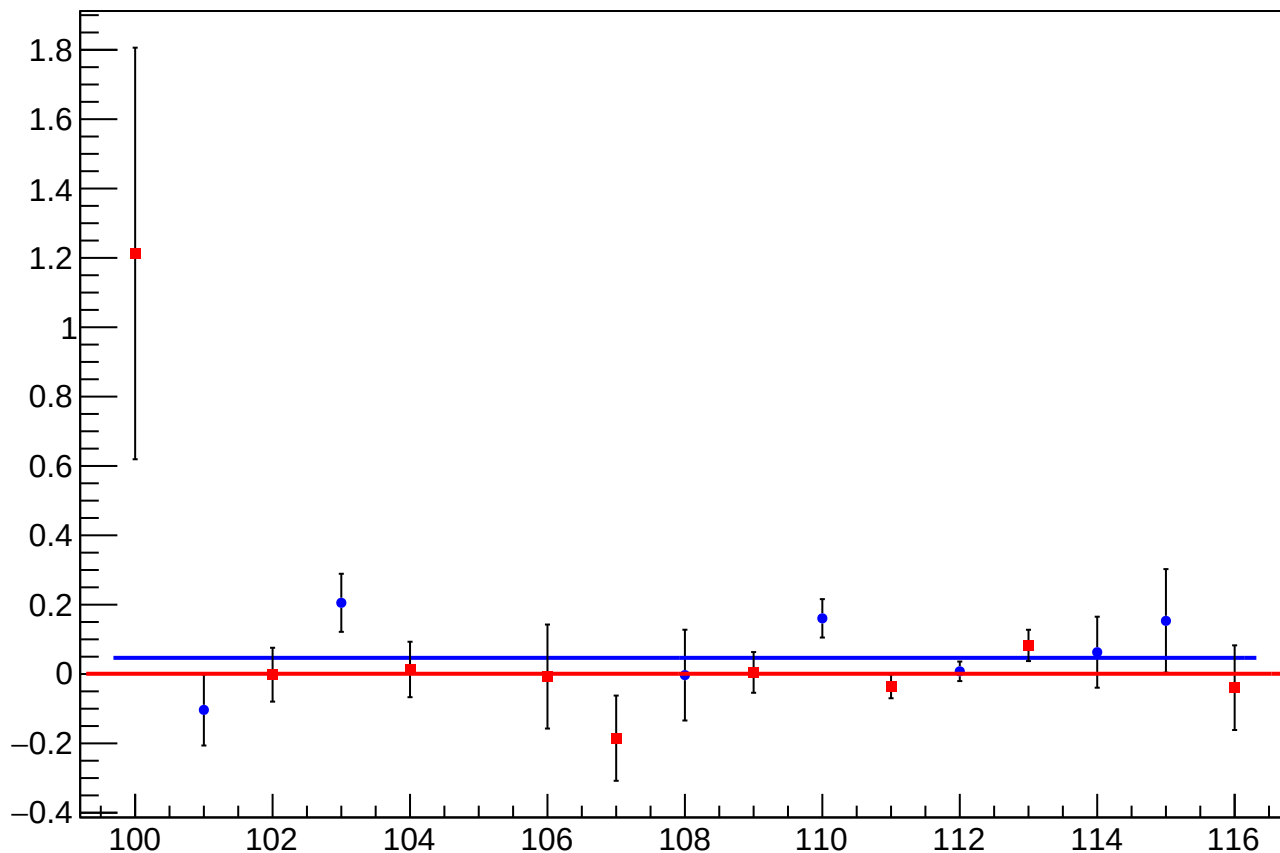
Right: 0.002+/-0.000 χ^2/NDF : 1143941.4/15

In: 0.002+/-0.000 χ^2/NDF : 486030.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1143941.4/15

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.022 χ^2/NDF : 12.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.022 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

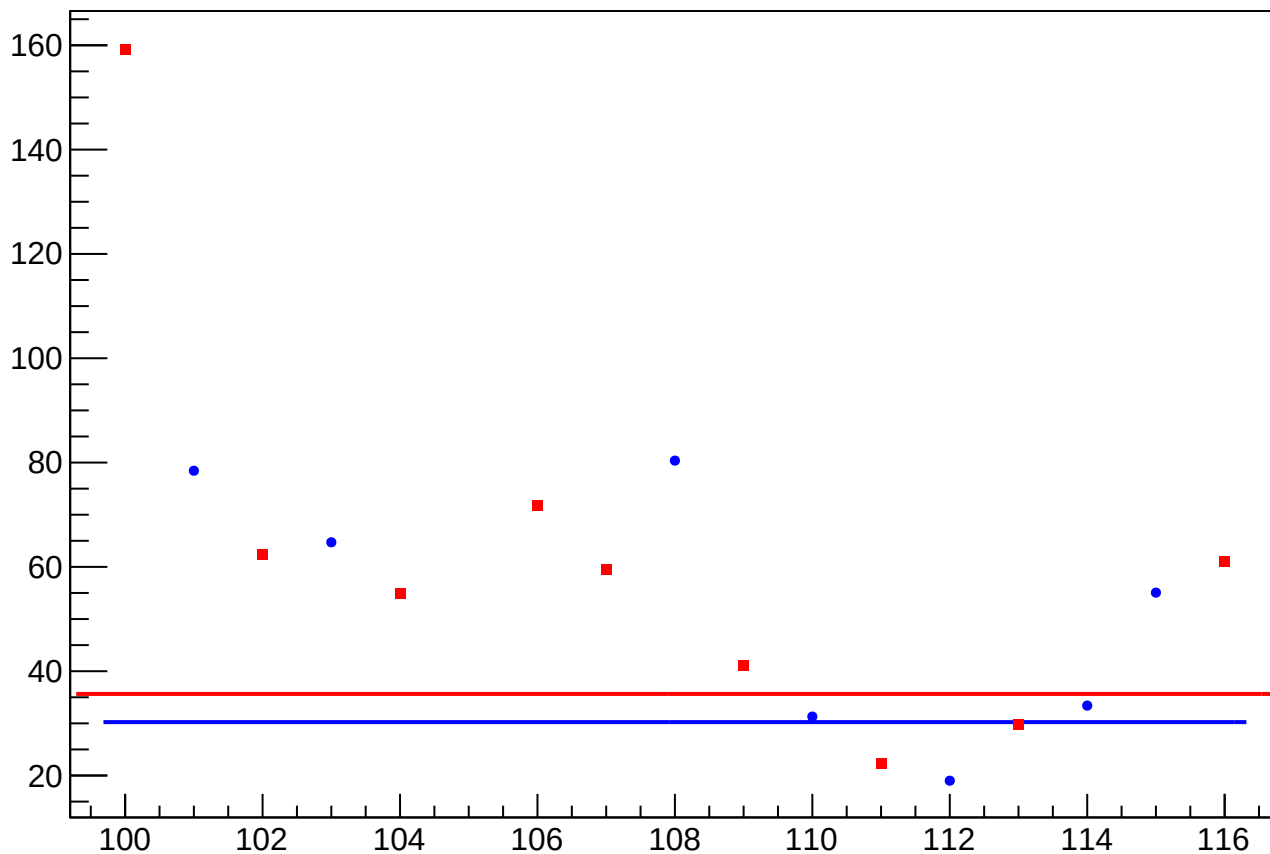
Right: 0.023+/-0.016 χ^2/NDF : 25.7/15

In: 0.047+/-0.022 χ^2/NDF :12.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.016 χ^2/NDF : 25.7/15

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.240+/-0.016 χ^2/NDF : 1448890.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.643+/-0.015 χ^2/NDF : 1072346.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

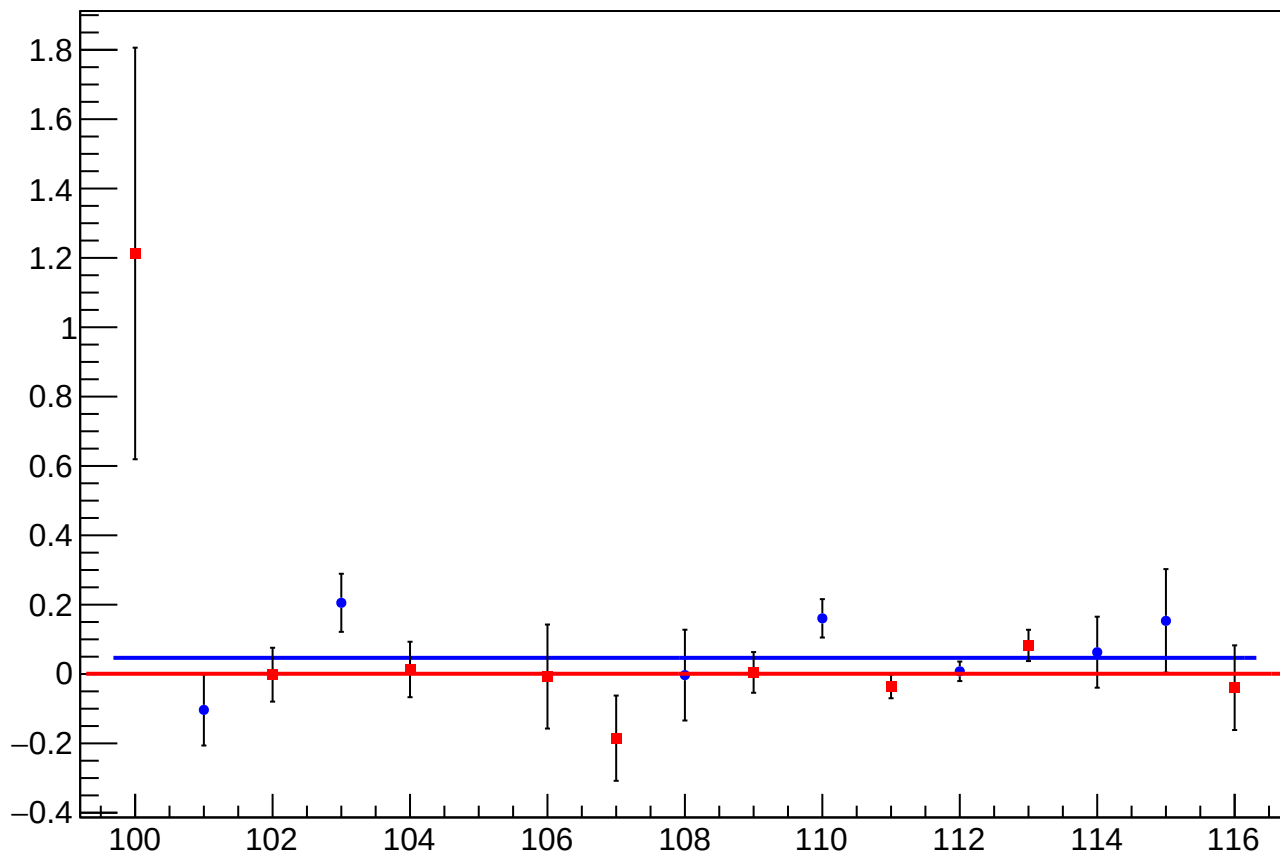
Right: 33.012+/-0.011 χ^2/NDF : 2581885.2/15

In: 30.240+/-0.016 χ^2/NDF : 1448890.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.012+/-0.011 χ^2/NDF : 2581885.2/15

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.022 χ^2/NDF : 12.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.022 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

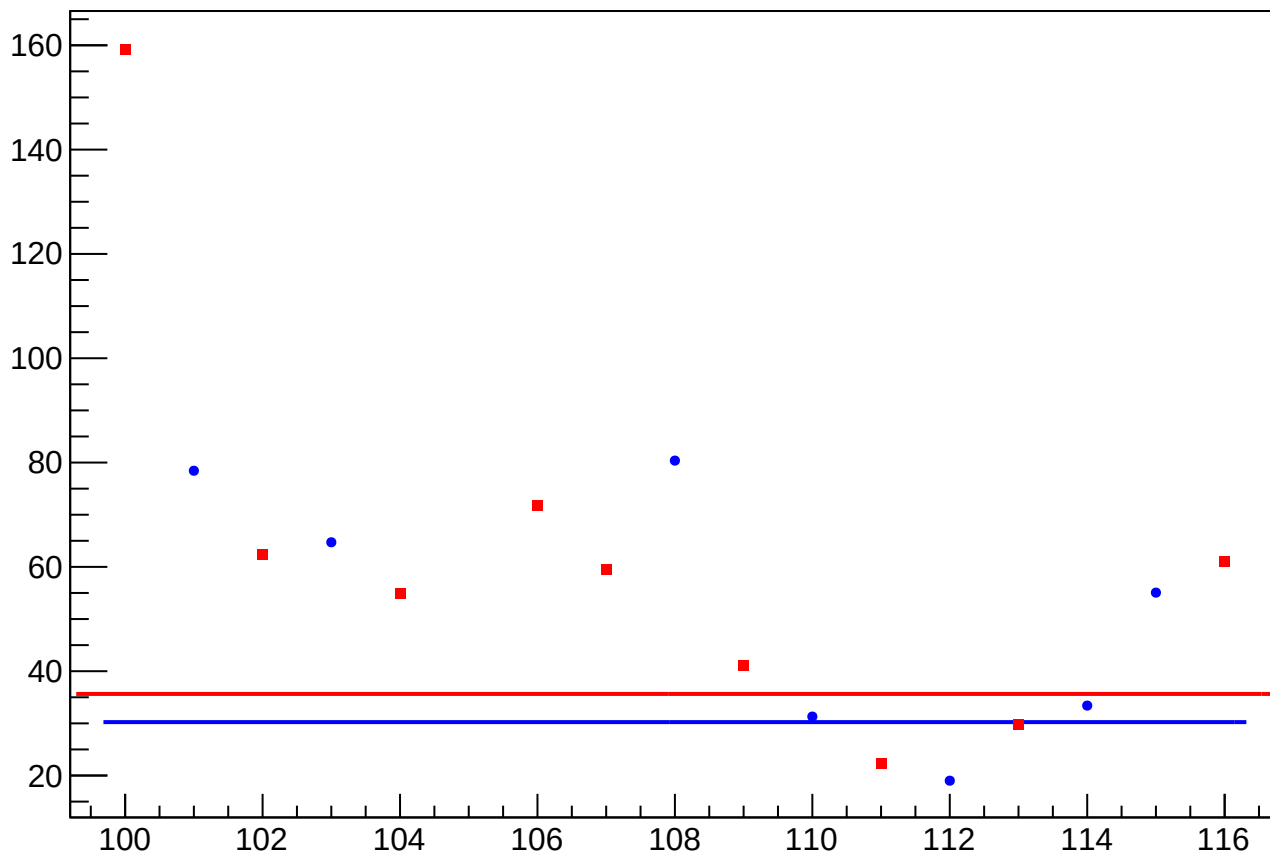
Right: 0.023+/-0.016 χ^2/NDF : 25.7/15

In: 0.047+/-0.022 χ^2/NDF : 12.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.016 χ^2/NDF : 25.7/15

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.240+/-0.016 χ^2/NDF : 1448890.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.643+/-0.015 χ^2/NDF : 1072346.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

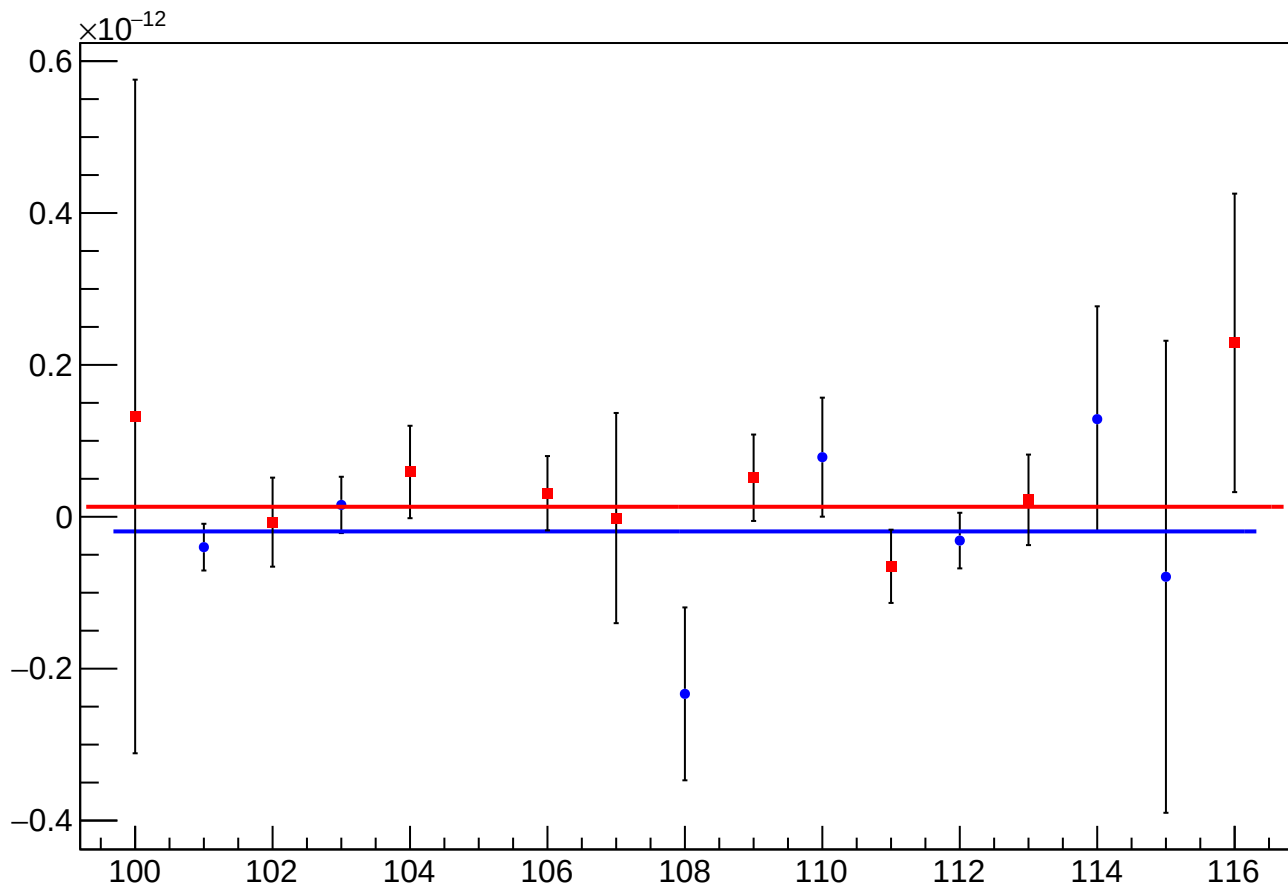
Right: 33.012+/-0.011 χ^2/NDF : 2581885.2/15

In: 30.240+/-0.016 χ^2/NDF : 1448890.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.012+/-0.011 χ^2/NDF : 2581885.2/15

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

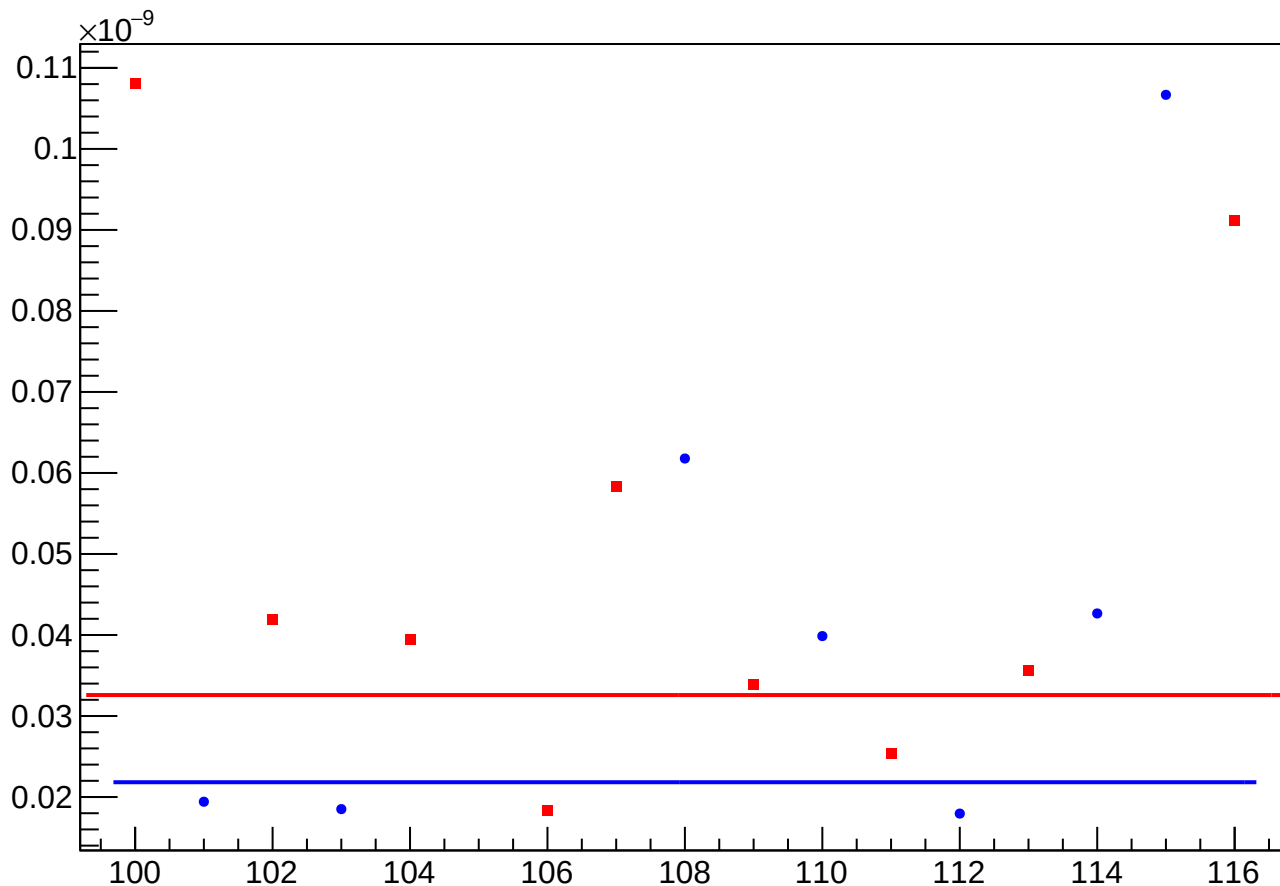
Right: -0.000+/-0.000 χ^2/NDF : 14.1/15

In: -0.000+/-0.000 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/15

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591479.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 601326.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

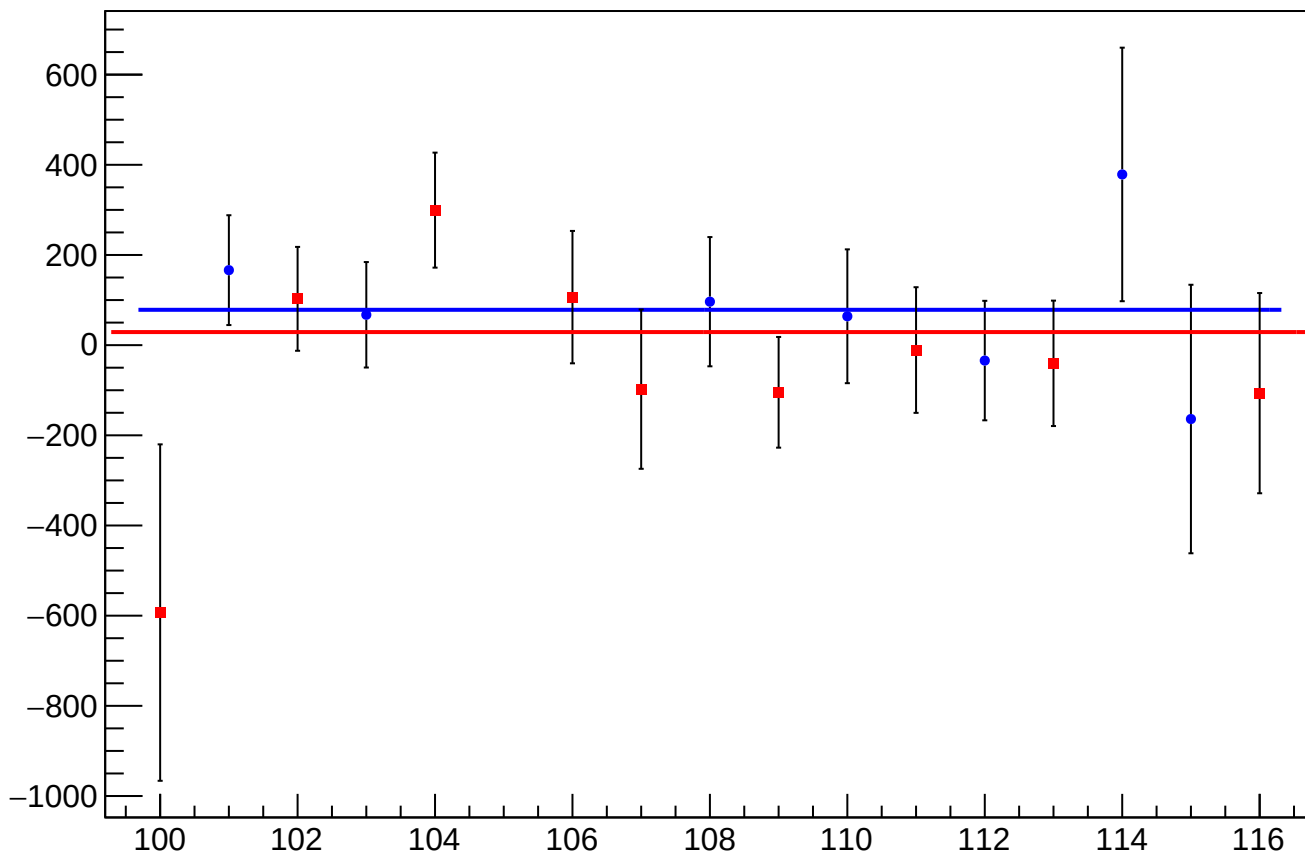
Right: 0.000+/-0.000 χ^2/NDF : 1470535.5/15

In: 0.000+/-0.000 χ^2/NDF : 591479.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1470535.5/15

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 78.396+/-56.302 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.014+/-49.251 χ^2/NDF : 10.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

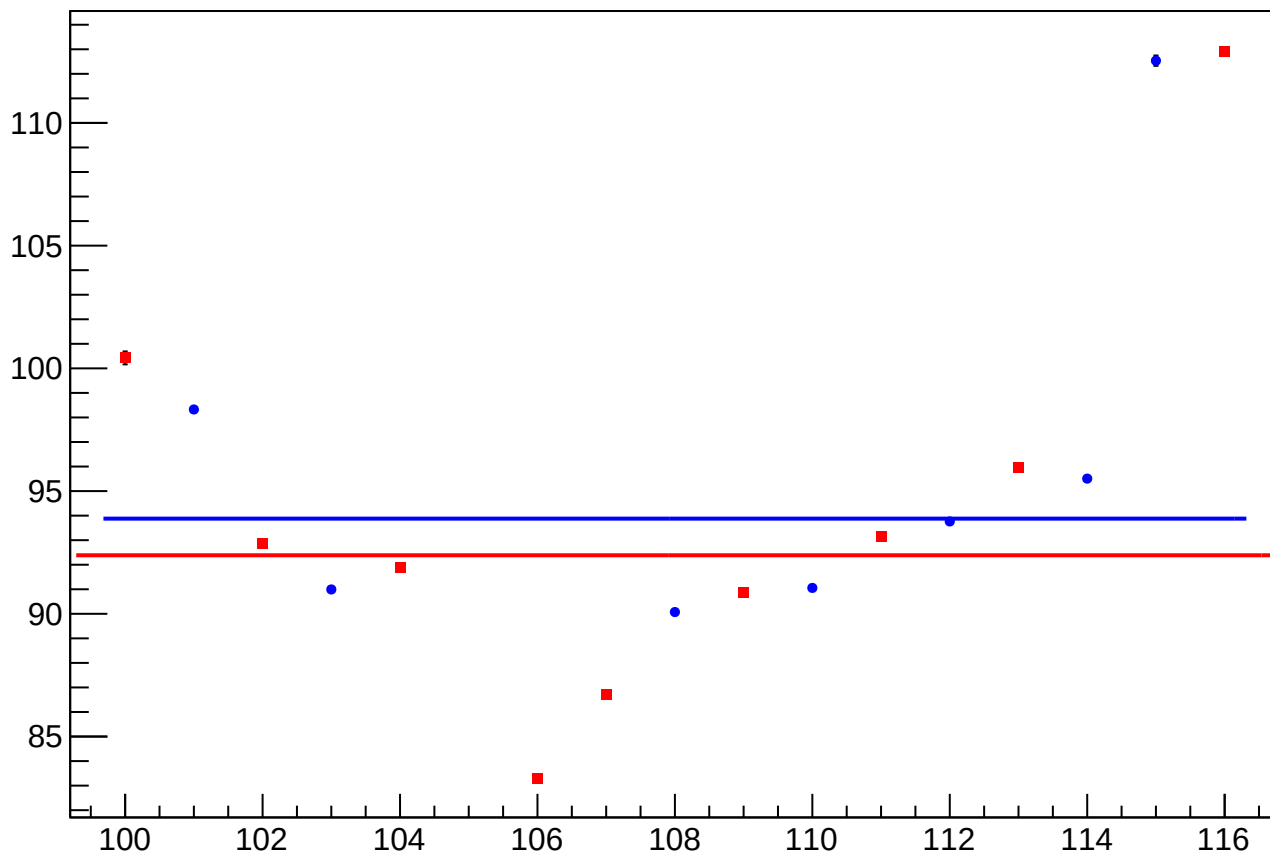
Right: 50.421+/-37.069 χ^2/NDF : 13.9/15

In: 78.396+/-56.302 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.421+/-37.069 χ^2/NDF : 13.9/15

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.878+/-0.040 χ^2/NDF : 13938.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.385+/-0.035 χ^2/NDF : 29474.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

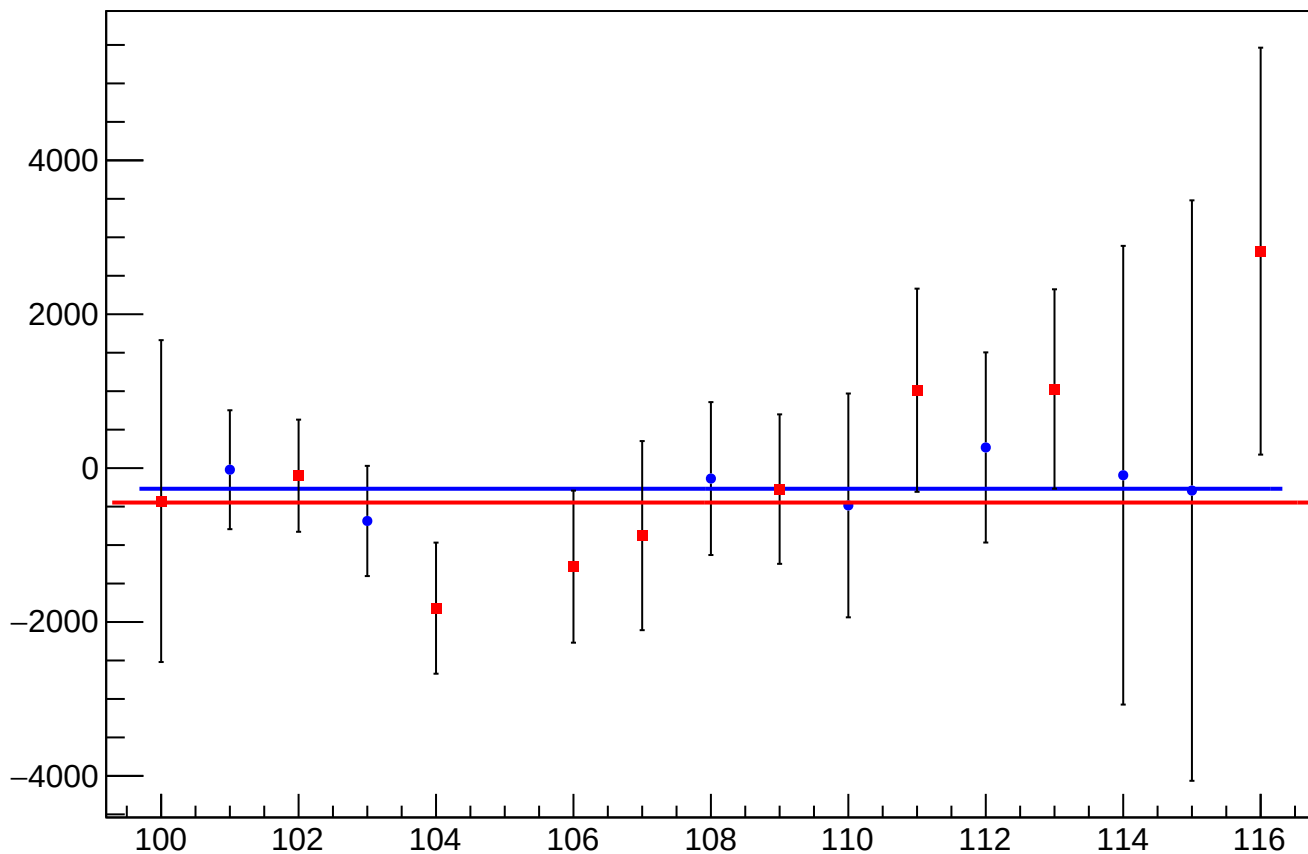
Right: 93.032+/-0.026 χ^2/NDF : 44209.6/15

In: 93.878+/-0.040 χ^2/NDF : 13938.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.032+/-0.026 χ^2/NDF : 44209.6/15

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -268.165+/-410.046 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -447.350+/-364.008 χ^2/NDF : 7.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

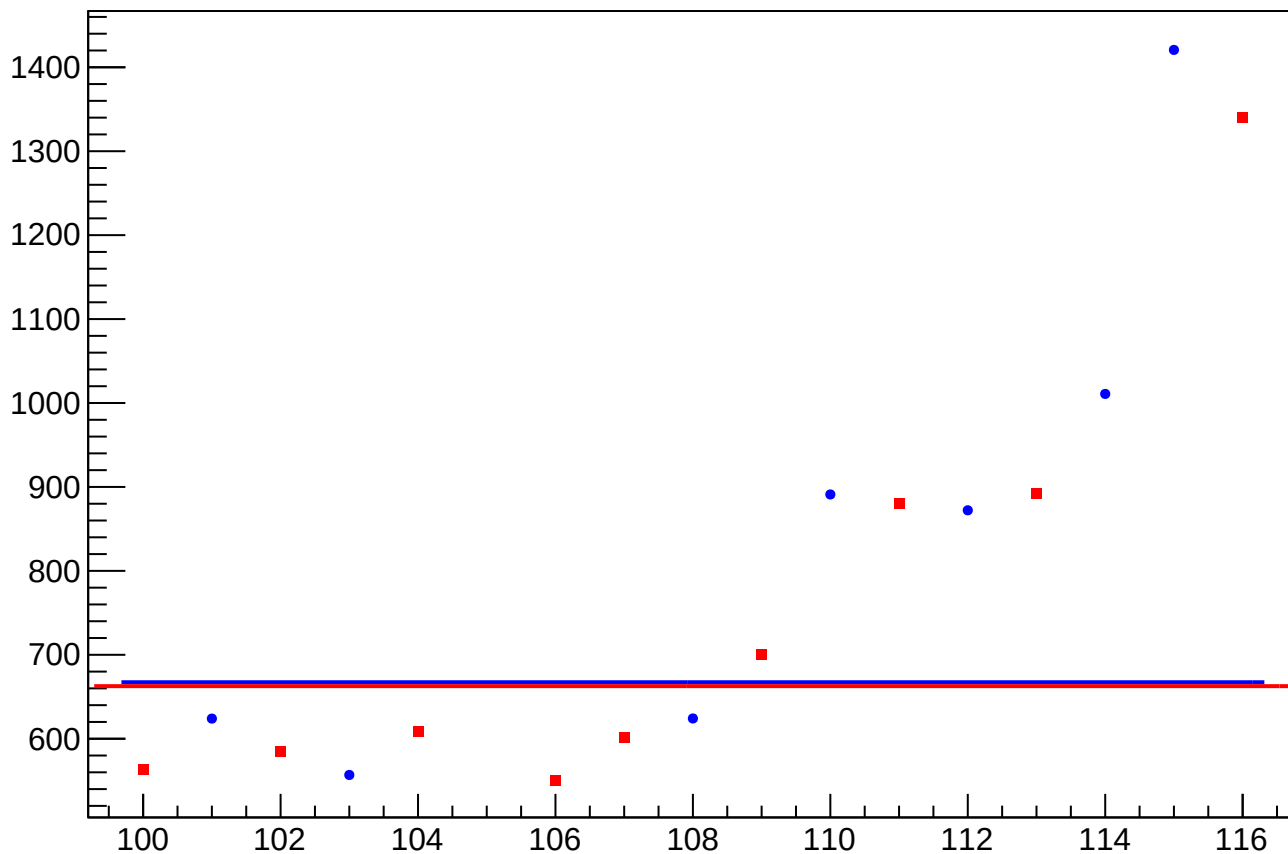
Right: -368.377+/-272.220 χ^2/NDF : 8.5/15

In: -268.165+/-410.046 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -368.377+/-272.220 χ^2/NDF : 8.5/15

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 667.296+/-0.290 χ^2/NDF : 266265.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.648+/-0.257 χ^2/NDF : 316753.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

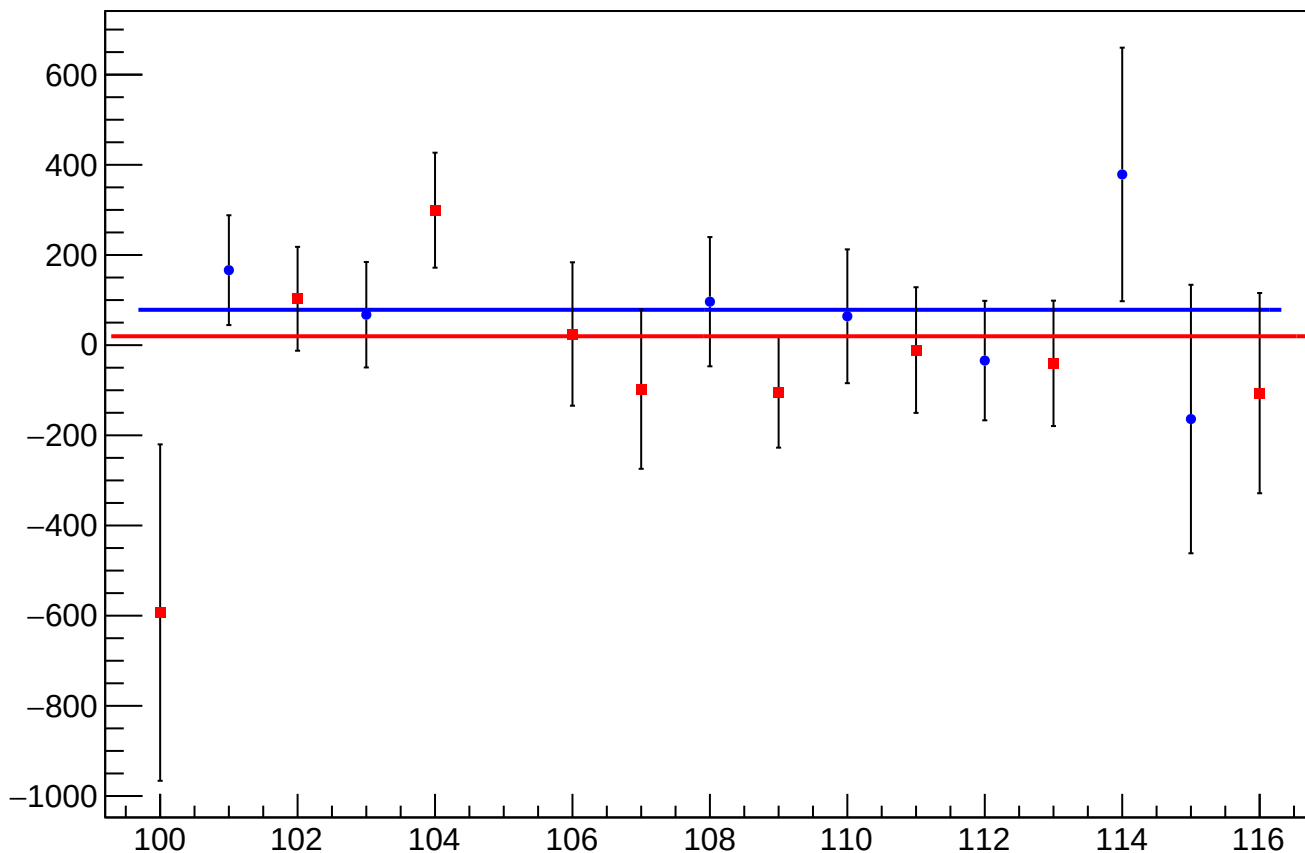
Right: 664.696+/-0.192 χ^2/NDF : 583162.0/15

In: 667.296+/-0.290 χ^2/NDF : 266265.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.696+/-0.192 χ^2/NDF : 583162.0/15

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 78.441 $\pm$ 56.302 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.750 $\pm$ 49.666 χ^2 /NDF: 10.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

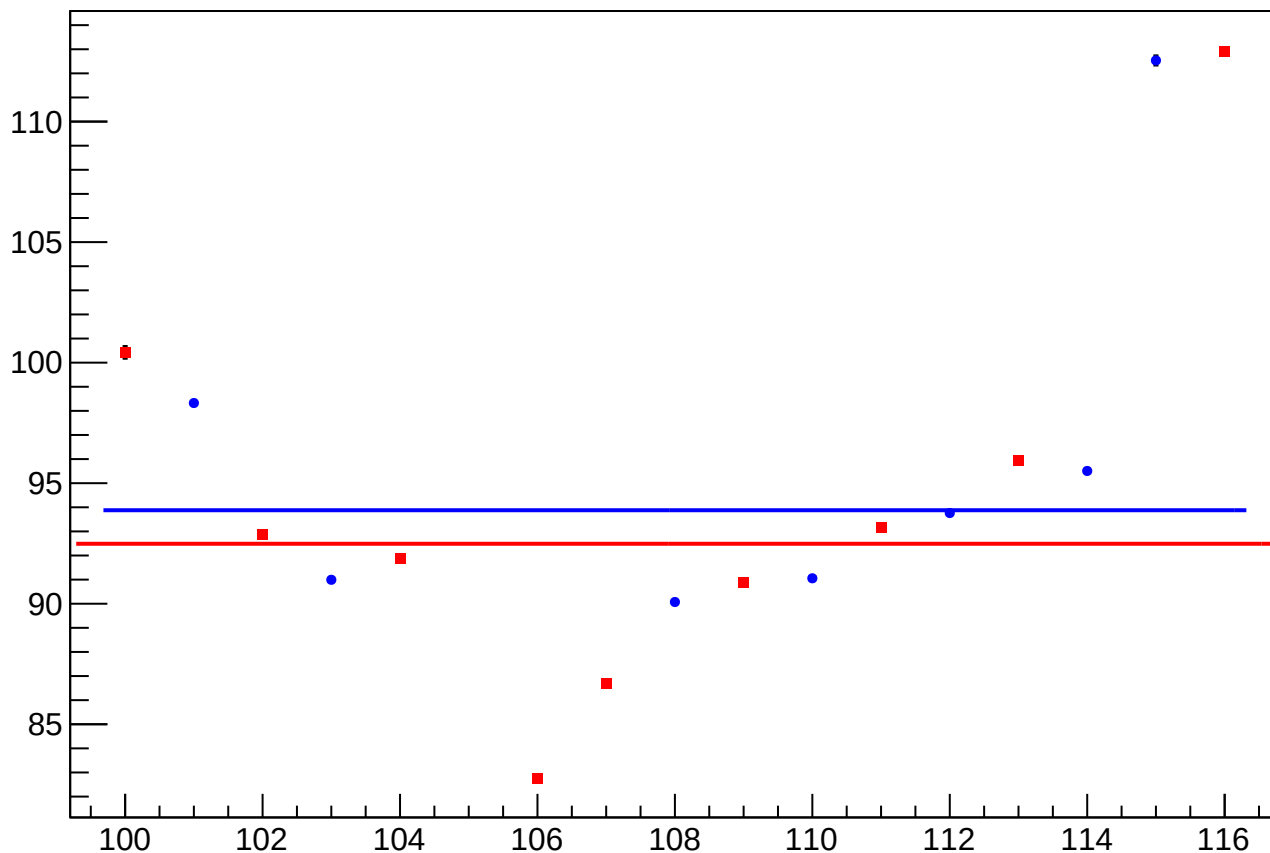
Right: 45.434 $\pm$ 37.245 χ^2 /NDF: 13.7/15

In: 78.441 $\pm$ 56.302 χ^2 /NDF: 3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.434 $\pm$ 37.245 χ^2 /NDF: 13.7/15

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.878+/-0.040 χ^2/NDF : 13938.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.487+/-0.035 χ^2/NDF : 29124.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

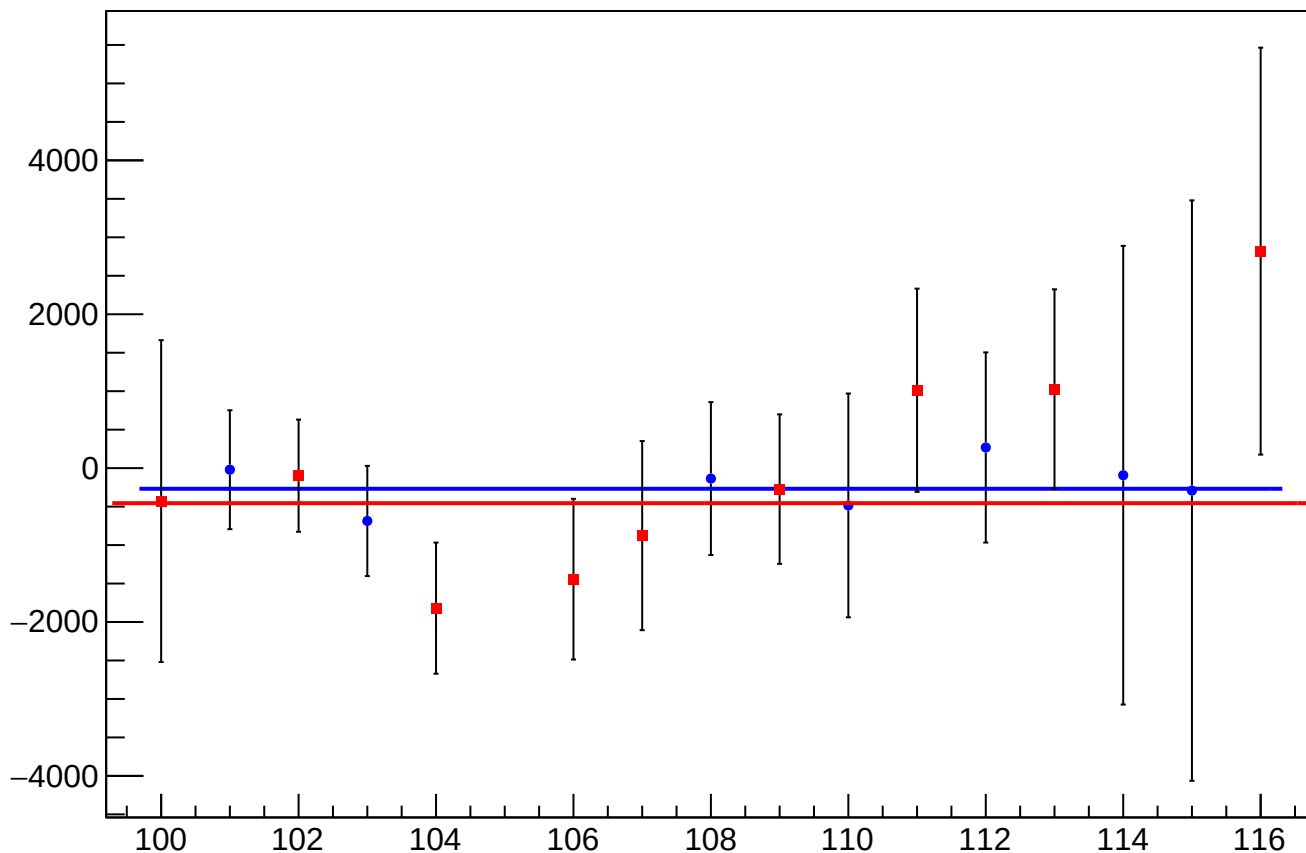
Right: 93.096+/-0.026 χ^2/NDF : 43749.8/15

In: 93.878+/-0.040 χ^2/NDF : 13938.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.096+/-0.026 χ^2/NDF : 43749.8/15

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -268.150+/-410.046 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.374+/-366.612 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

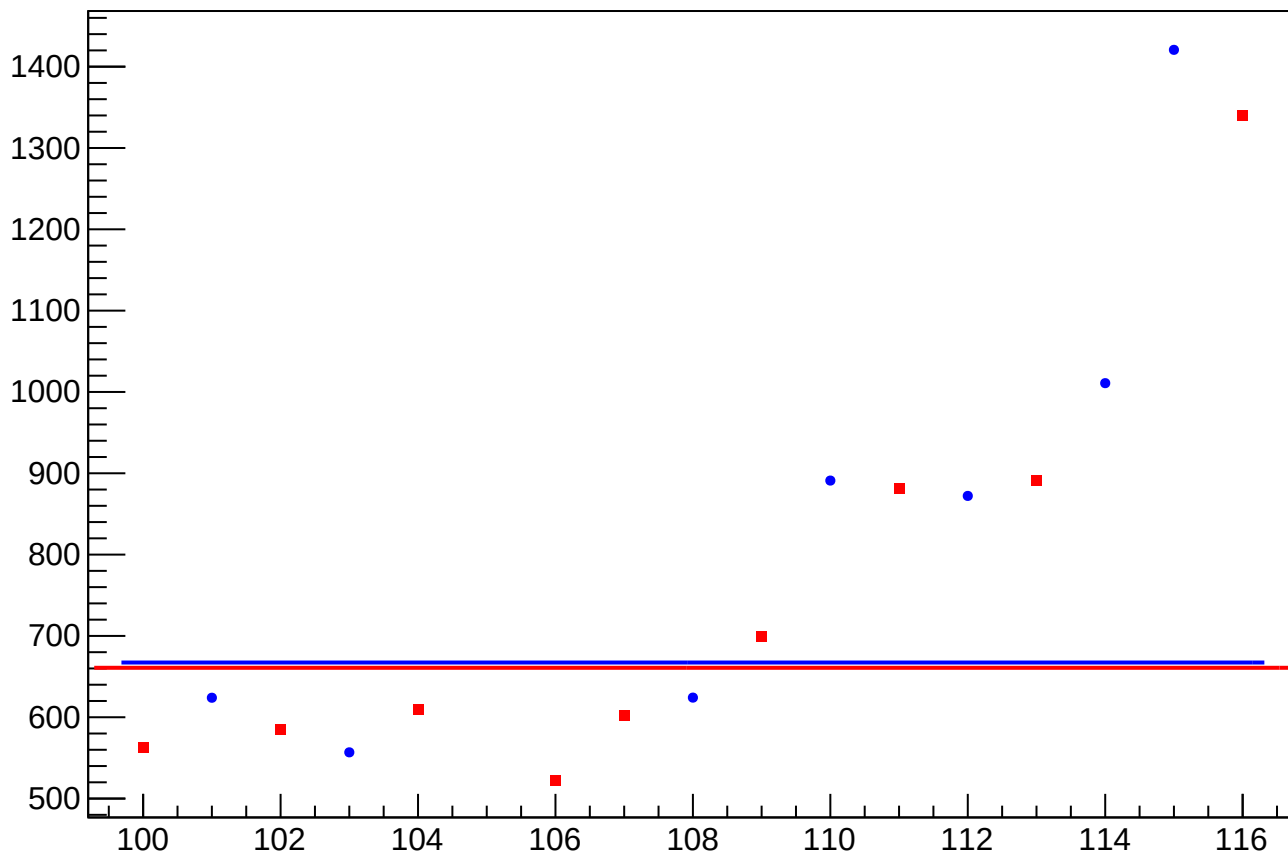
Right: -372.200+/-273.304 χ^2/NDF : 8.7/15

In: -268.150+/-410.046 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.200+/-273.304 χ^2/NDF : 8.7/15

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 667.295+/-0.290 χ^2/NDF : 266268.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 660.816+/-0.259 χ^2/NDF : 326945.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

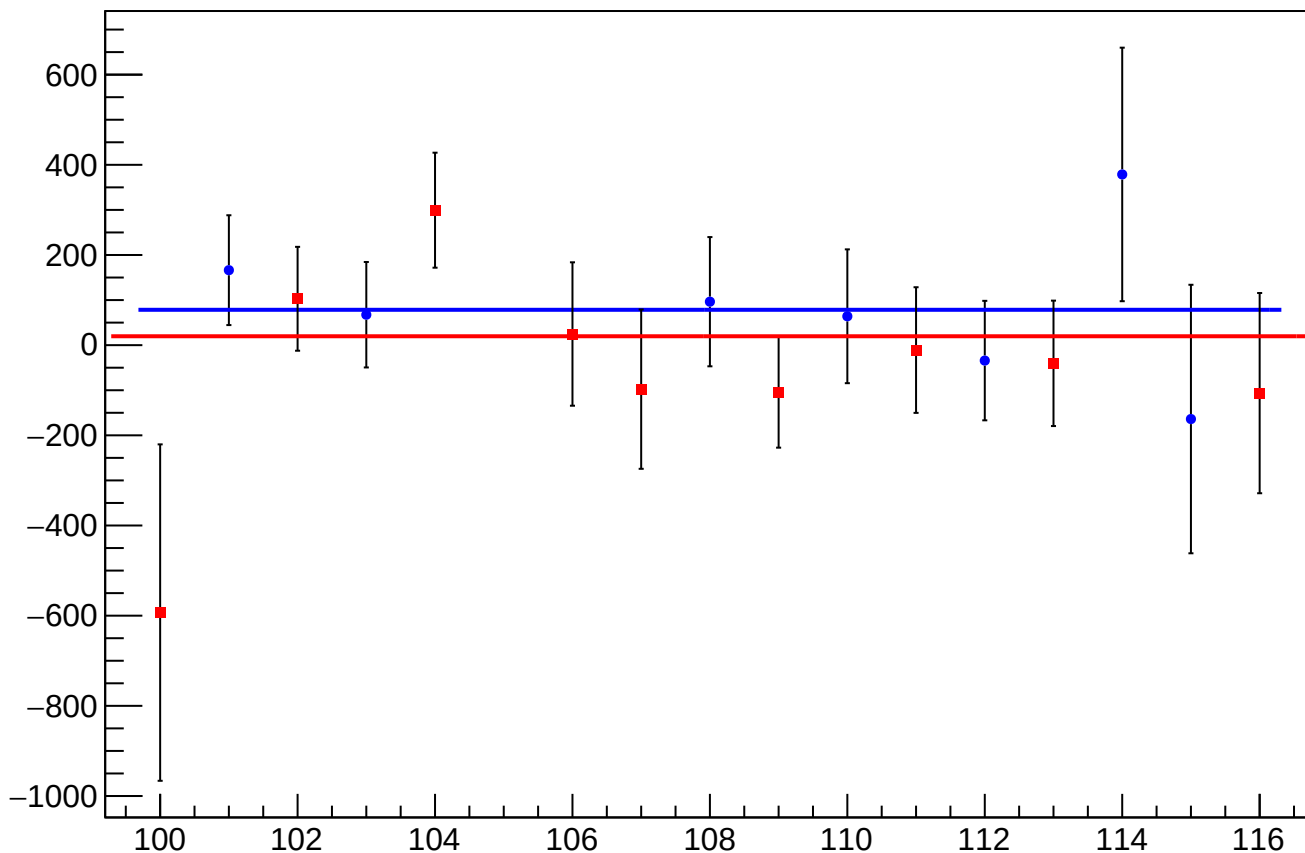
Right: 663.694+/-0.193 χ^2/NDF : 593491.1/15

In: 667.295+/-0.290 χ^2/NDF : 266268.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.694+/-0.193 χ^2/NDF : 593491.1/15

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 78.441+/-56.302 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.750+/-49.666 χ^2/NDF : 10.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

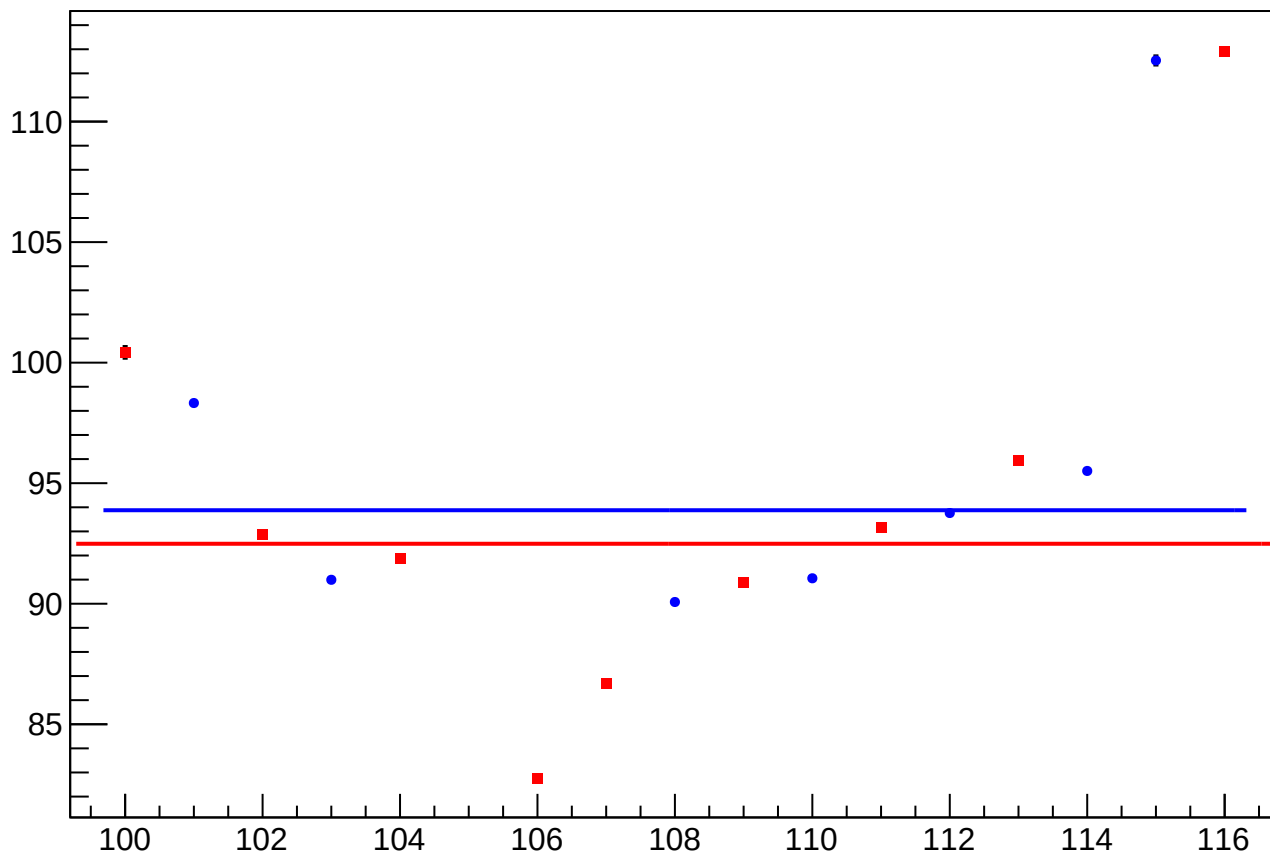
Right: 45.434+/-37.245 χ^2/NDF : 13.7/15

In: 78.441+/-56.302 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.434+/-37.245 χ^2/NDF : 13.7/15

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.878 $\pm$ 0.040 χ^2 /NDF: 13938.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.487 $\pm$ 0.035 χ^2 /NDF: 29124.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

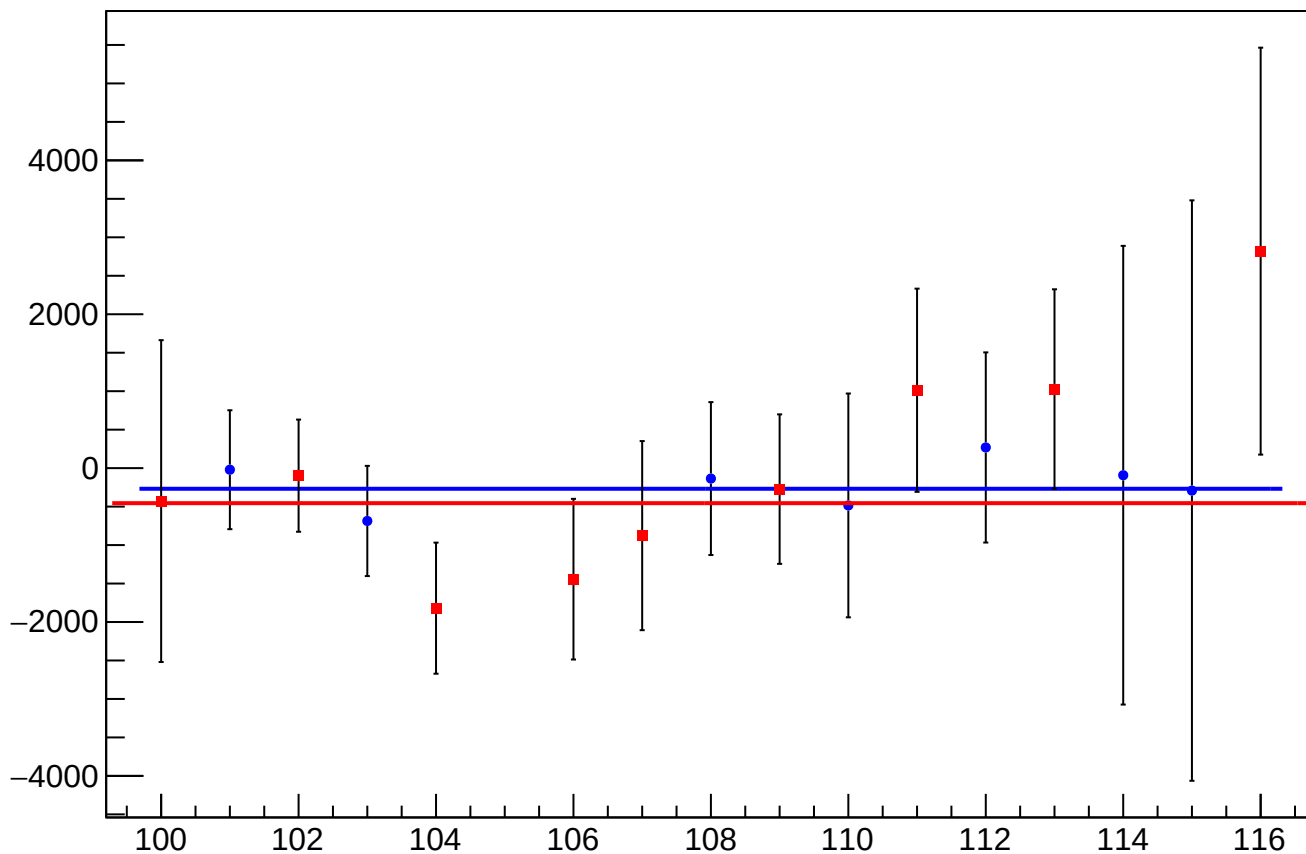
Right: 93.096 $\pm$ 0.026 χ^2 /NDF: 43749.8/15

In: 93.878 $\pm$ 0.040 χ^2 /NDF:13938.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.096 $\pm$ 0.026 χ^2 /NDF: 43749.8/15

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -268.150+/-410.046 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -455.374+/-366.612 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

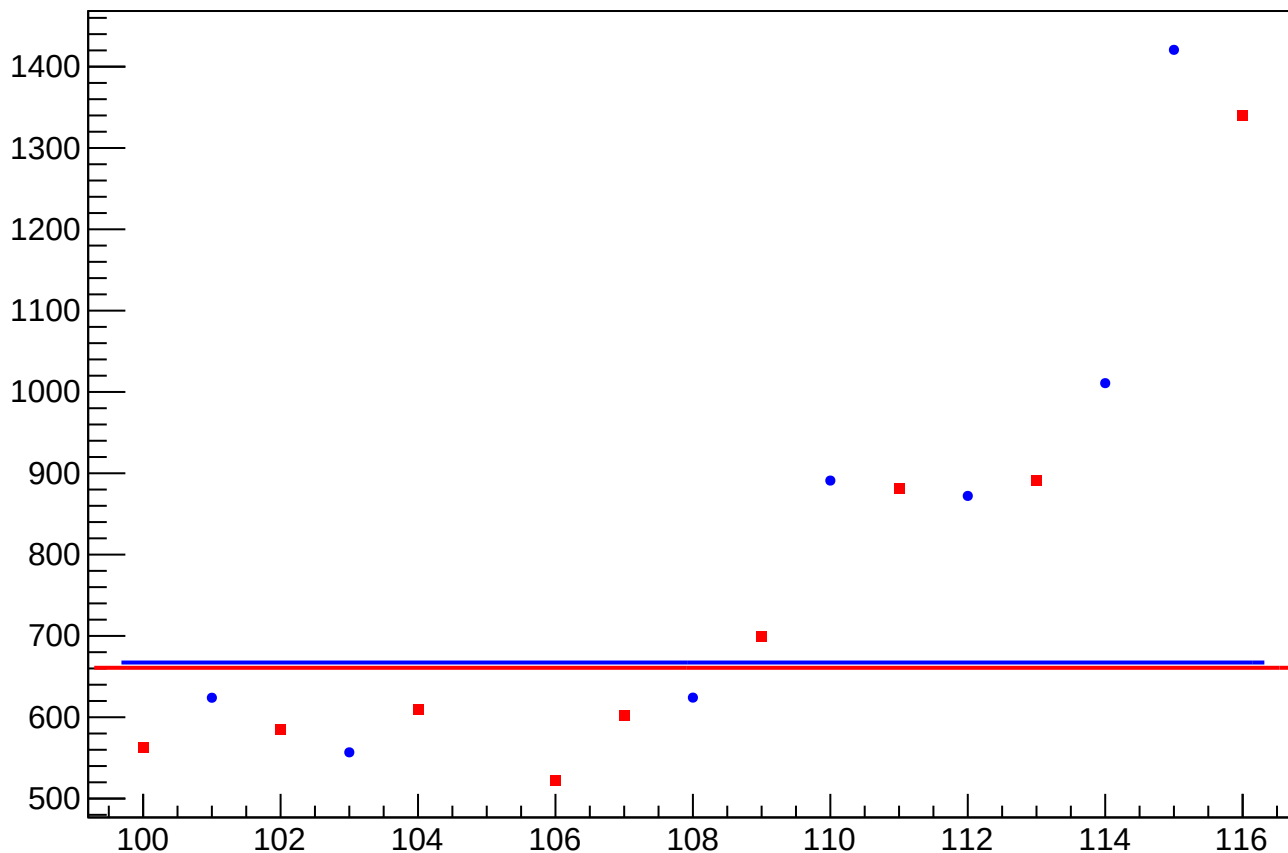
Right: -372.200+/-273.304 χ^2/NDF : 8.7/15

In: -268.150+/-410.046 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.200+/-273.304 χ^2/NDF : 8.7/15

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 667.295+/-0.290 χ^2/NDF : 266268.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 660.816+/-0.259 χ^2/NDF : 326945.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

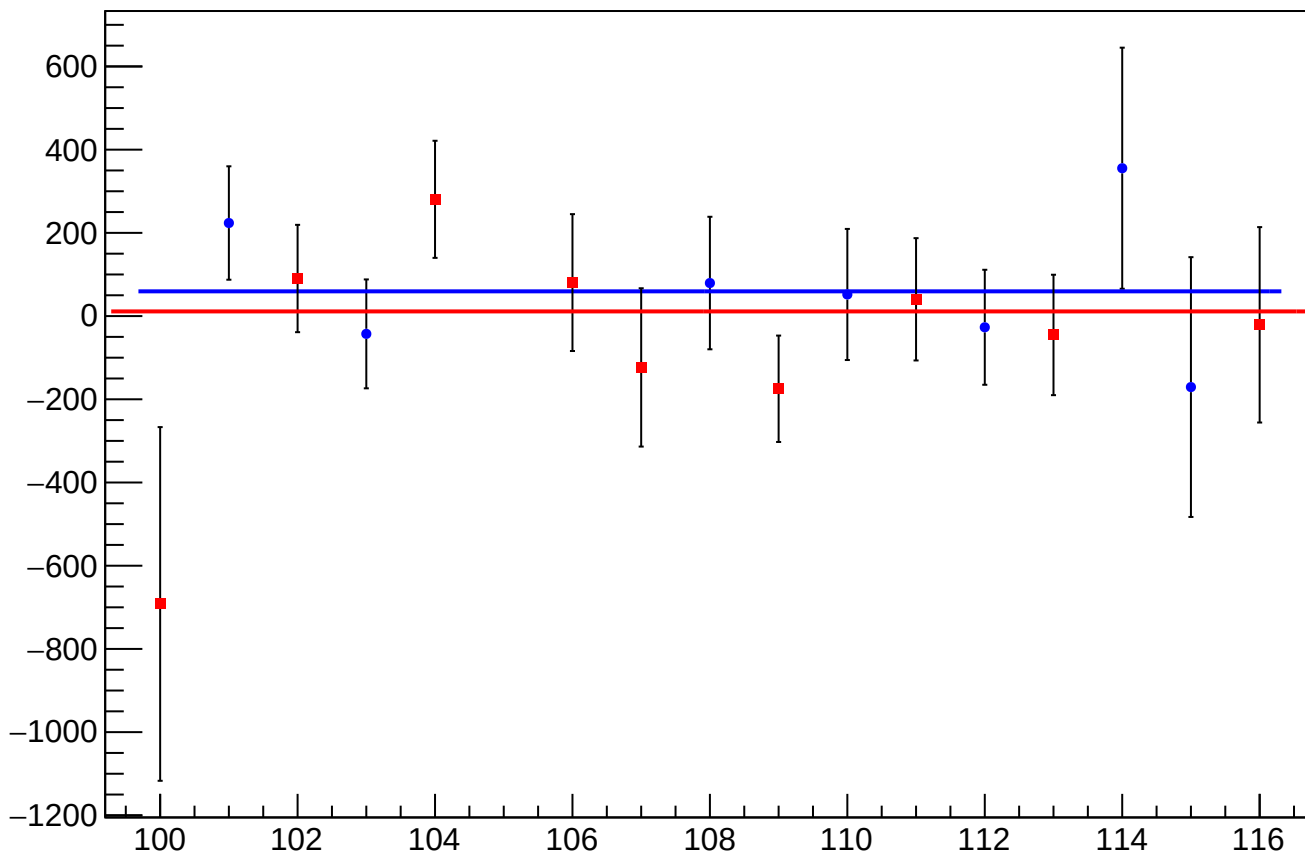
Right: 663.694+/-0.193 χ^2/NDF : 593491.1/15

In: 667.295+/-0.290 χ^2/NDF : 266268.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.694+/-0.193 χ^2/NDF : 593491.1/15

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 59.457+/-61.263 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.213+/-53.145 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

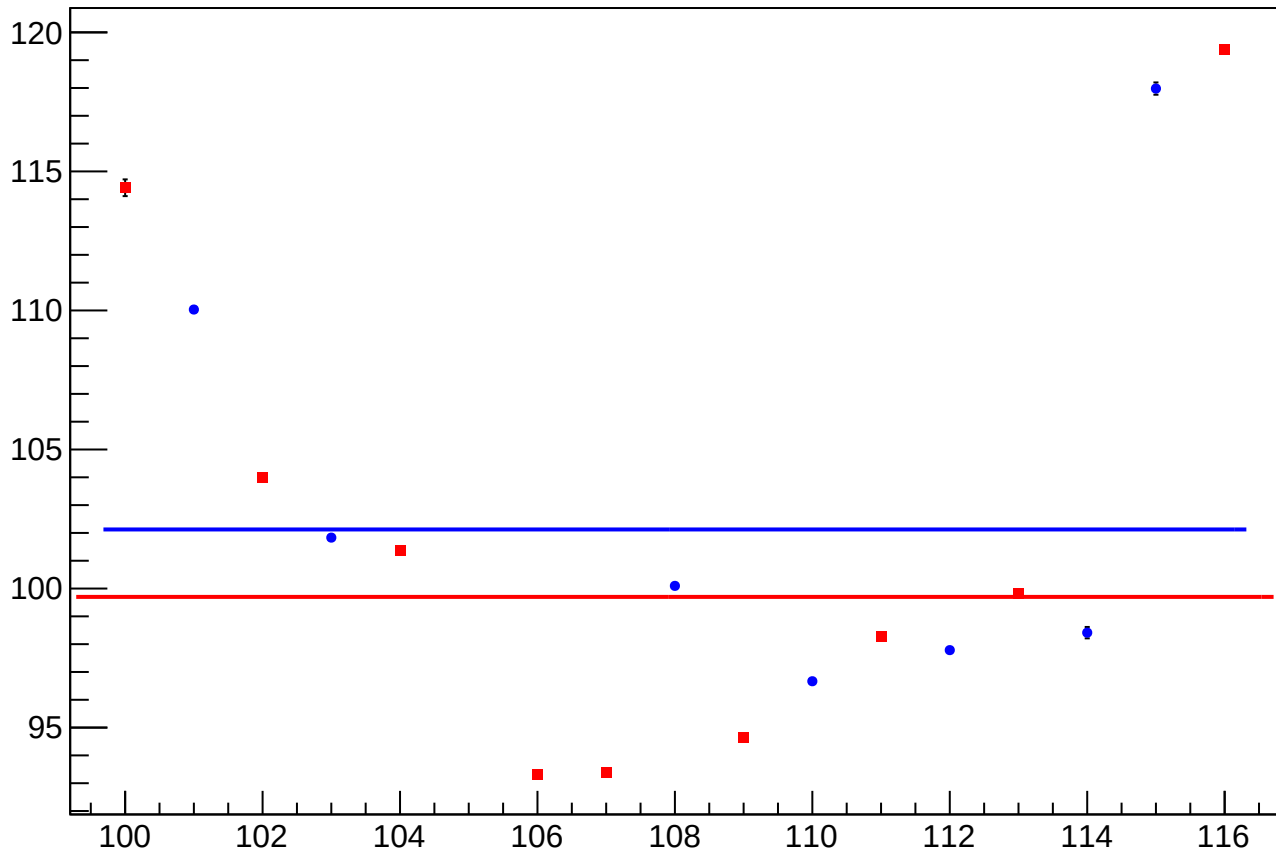
Right: 31.929+/-40.145 χ^2/NDF : 14.2/15

In: 59.457+/-61.263 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.929+/-40.145 χ^2/NDF : 14.2/15

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.125+/-0.043 χ^2/NDF : 16923.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.700+/-0.038 χ^2/NDF : 27481.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

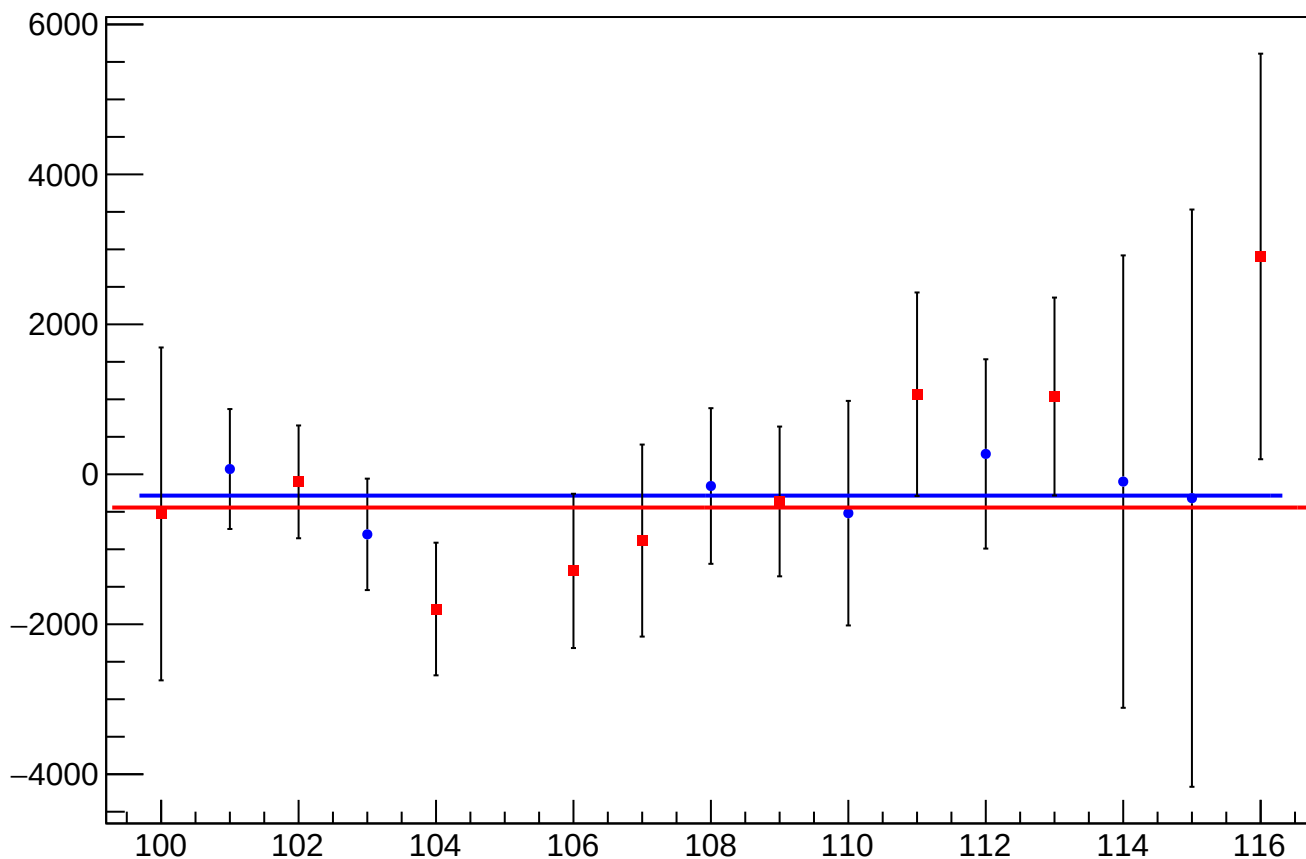
Right: 100.741+/-0.028 χ^2/NDF : 46193.6/15

In: 102.125+/-0.043 χ^2/NDF : 16923.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.741+/-0.028 χ^2/NDF : 46193.6/15

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -284.030+/-424.373 χ^2/NDF : 0.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -443.097+/-376.378 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

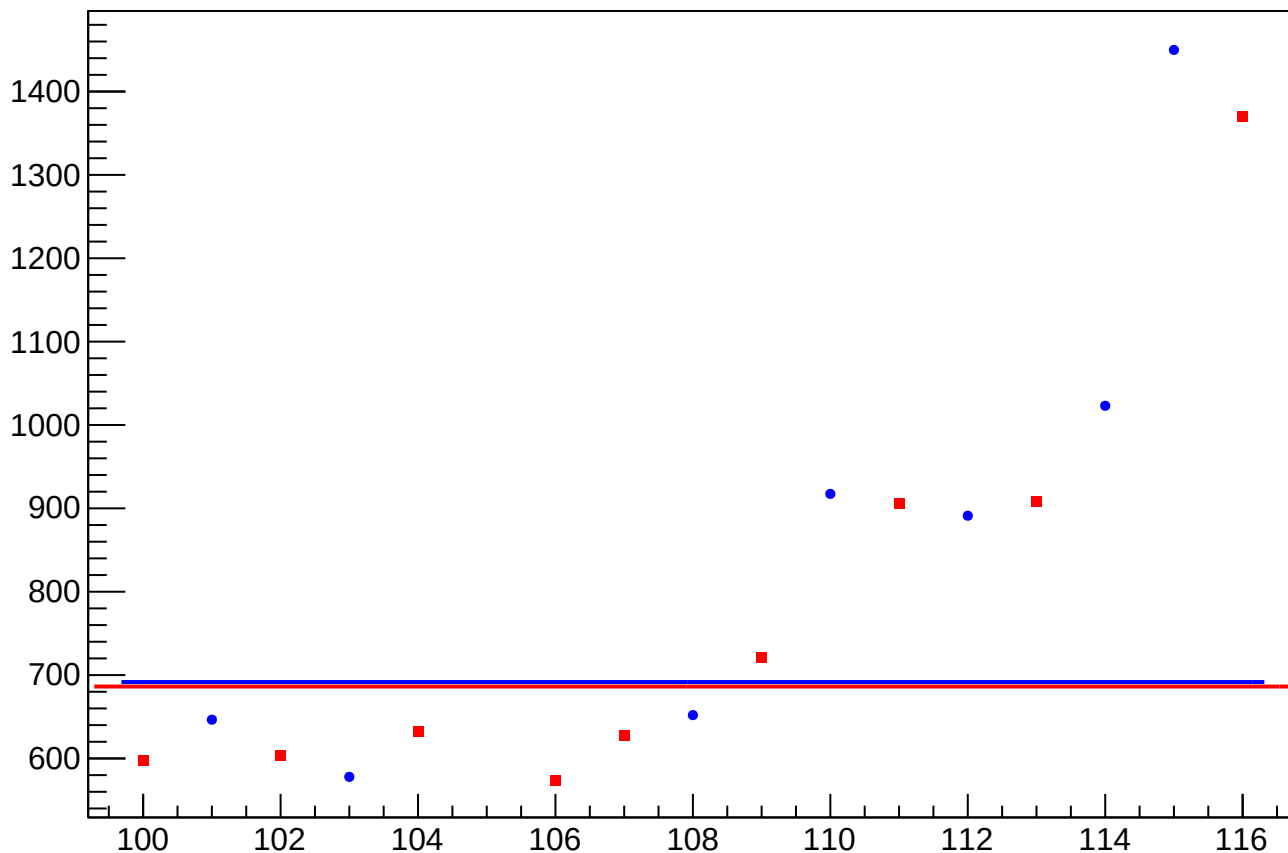
Right: -373.063+/-281.586 χ^2/NDF : 8.4/15

In: -284.030+/-424.373 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.063+/-281.586 χ^2/NDF : 8.4/15

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 691.657+/-0.300 χ^2/NDF : 253259.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.273+/-0.266 χ^2/NDF : 301490.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

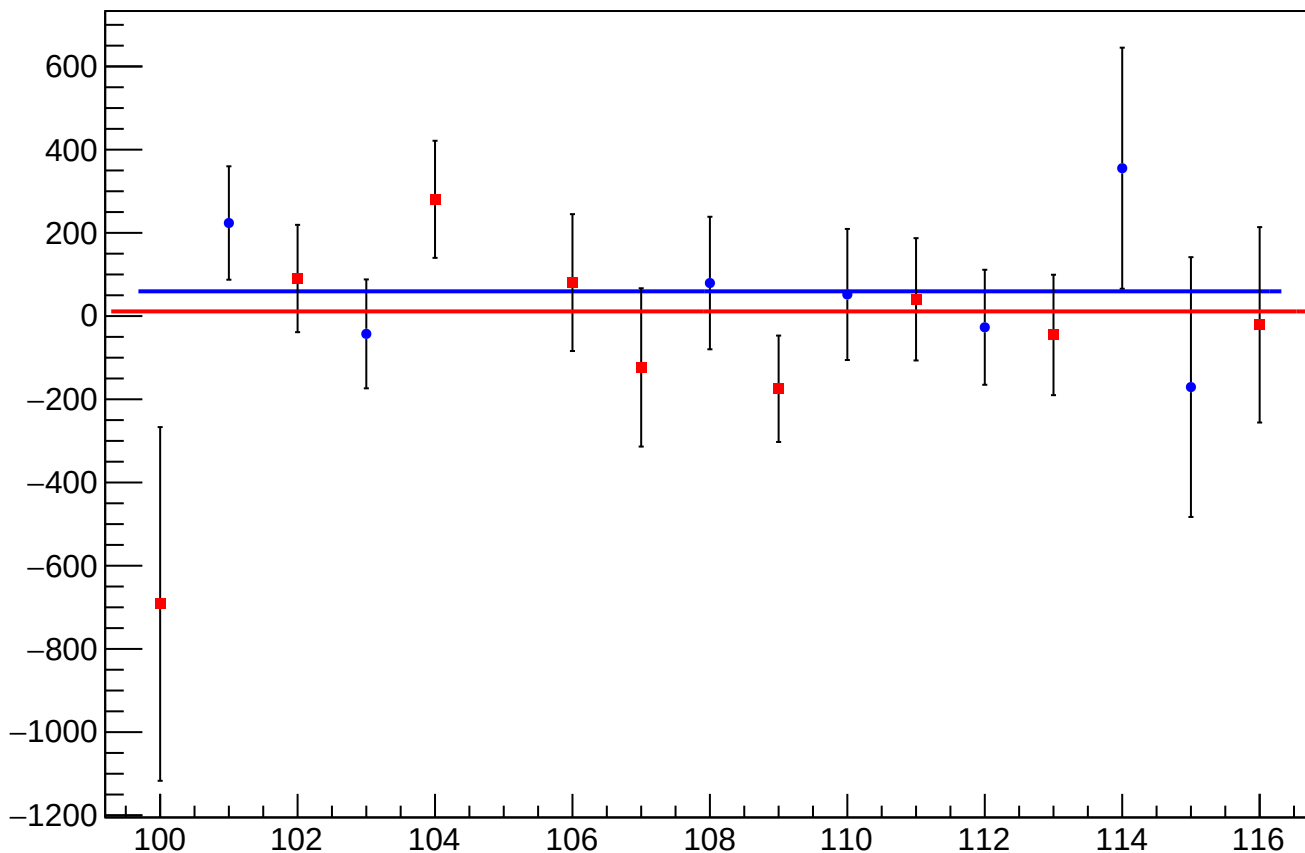
Right: 688.644+/-0.199 χ^2/NDF : 554929.2/15

In: 691.657+/-0.300 χ^2/NDF : 253259.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.644+/-0.199 χ^2/NDF : 554929.2/15

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 59.458+/-61.263 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.213+/-53.145 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

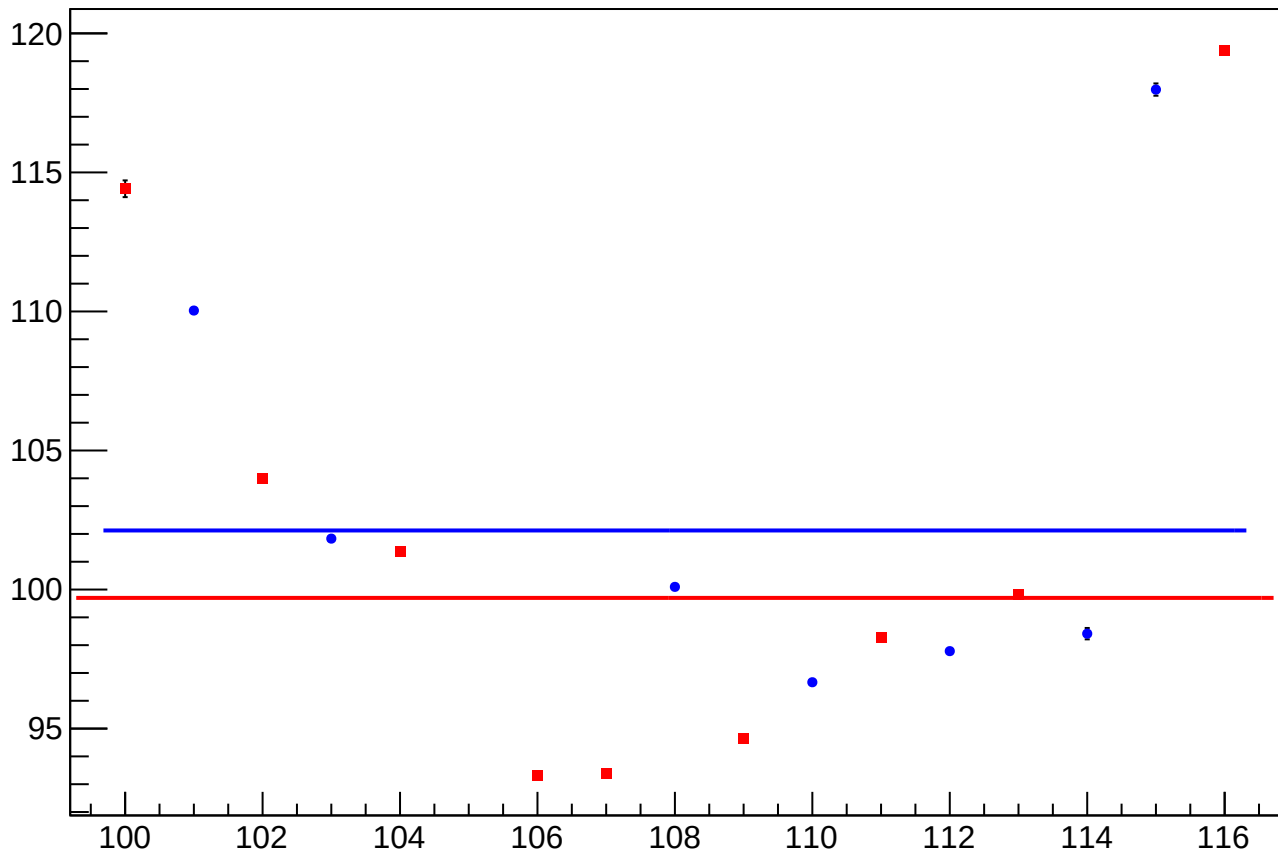
Right: 31.929+/-40.145 χ^2/NDF : 14.2/15

In: 59.458+/-61.263 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.929+/-40.145 χ^2/NDF : 14.2/15

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.124+/-0.043 χ^2/NDF : 16924.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.700+/-0.038 χ^2/NDF : 27482.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

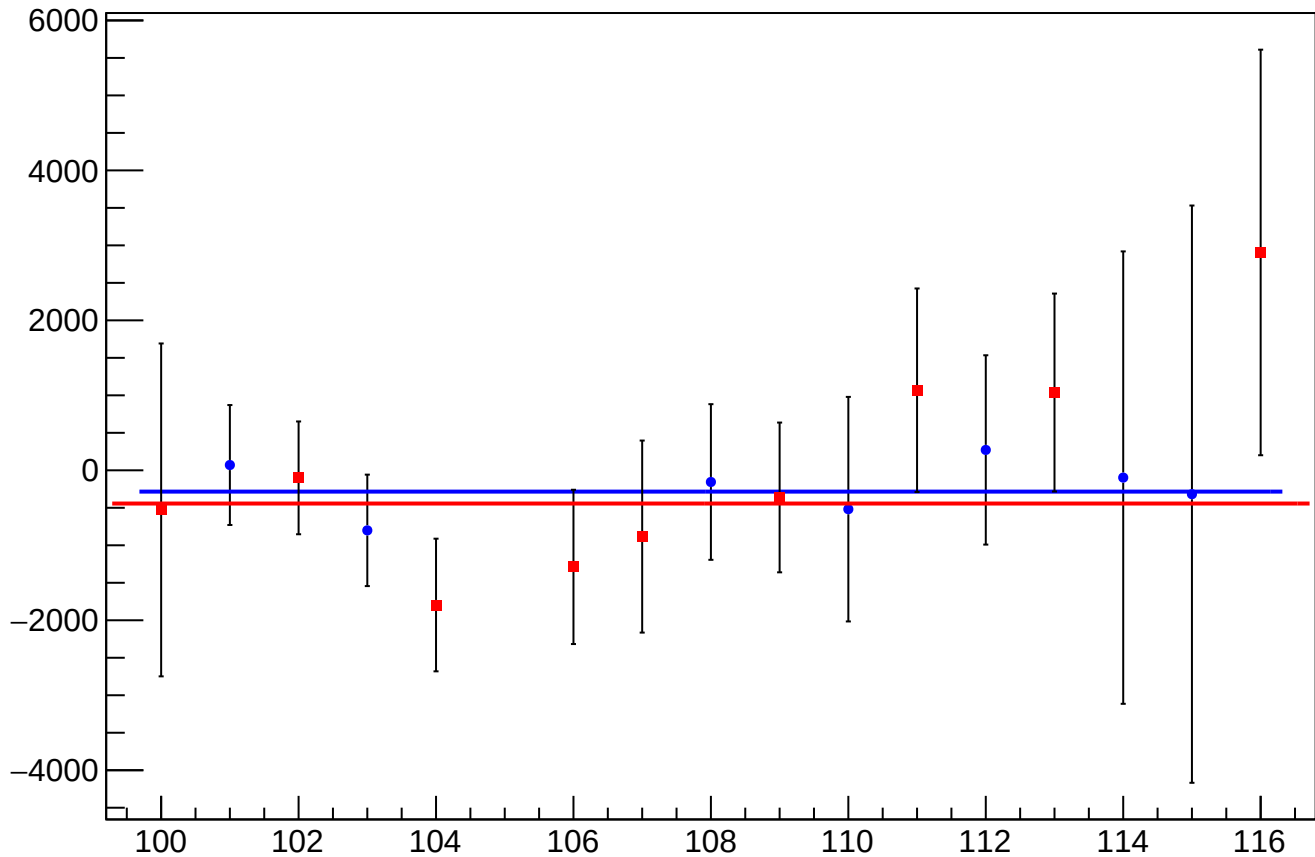
Right: 100.741+/-0.028 χ^2/NDF : 46194.1/15

In: 102.124+/-0.043 χ^2/NDF : 16924.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.741+/-0.028 χ^2/NDF : 46194.1/15

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -284.029+/-424.373 χ^2/NDF : 0.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -443.097+/-376.378 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

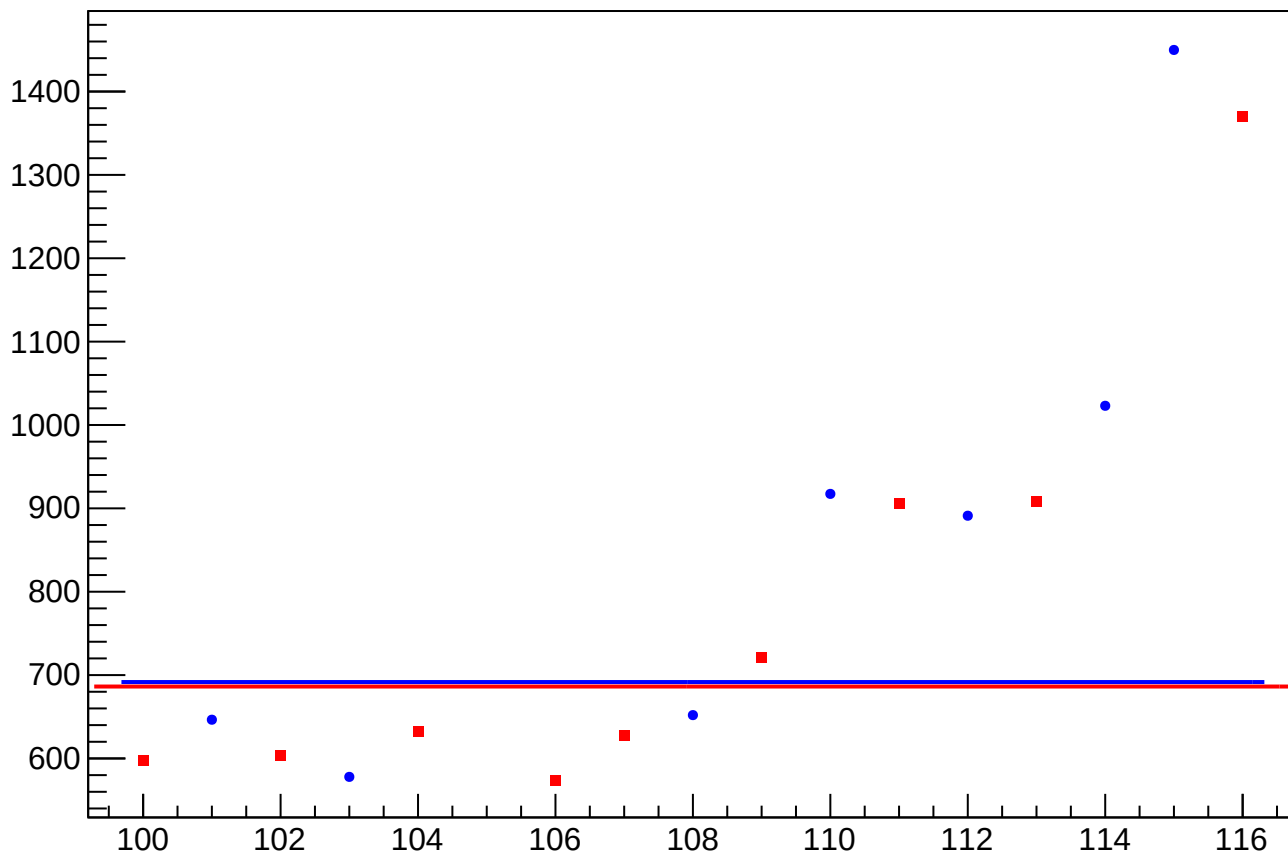
Right: -373.063+/-281.586 χ^2/NDF : 8.4/15

In: -284.029+/-424.373 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.063+/-281.586 χ^2/NDF : 8.4/15

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 691.656+/-0.300 χ^2/NDF : 253258.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.273+/-0.266 χ^2/NDF : 301489.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

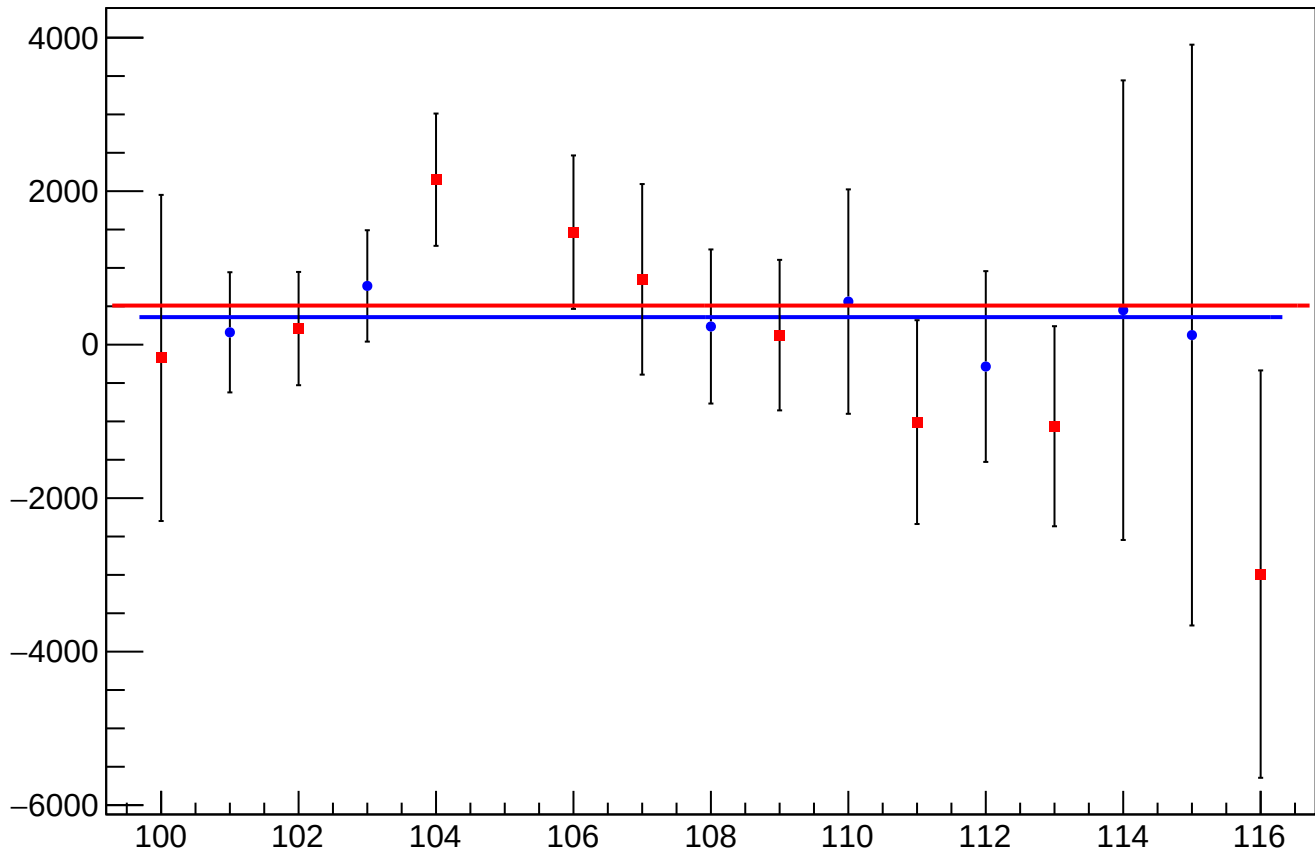
Right: 688.643+/-0.199 χ^2/NDF : 554929.1/15

In: 691.656+/-0.300 χ^2/NDF : 253258.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.643+/-0.199 χ^2/NDF : 554929.1/15

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 358.666+/-414.567 χ^2/NDF : 0.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.421+/-367.865 χ^2/NDF : 9.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

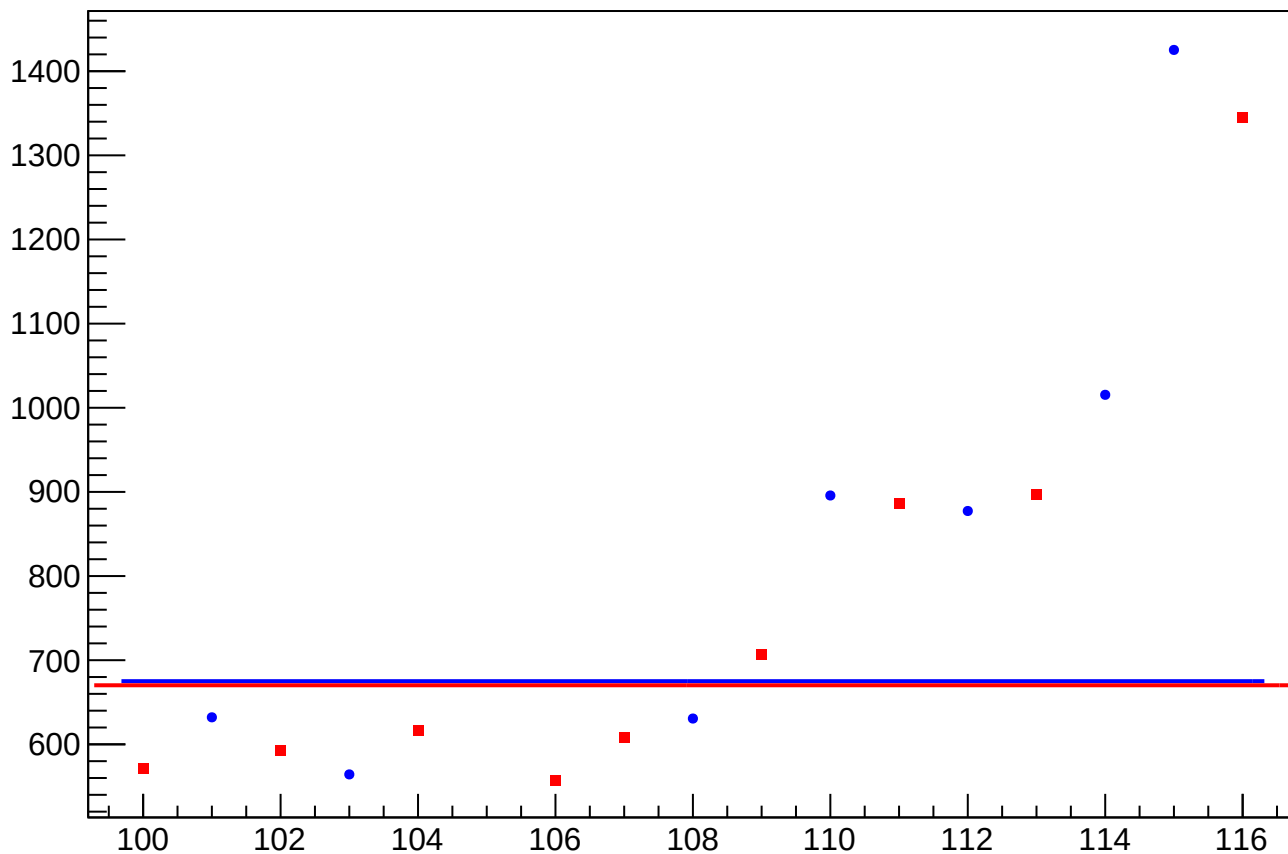
Right: 443.010+/-275.156 χ^2/NDF : 10.3/15

In: 358.666+/-414.567 χ^2/NDF : 0.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.010+/-275.156 χ^2/NDF : 10.3/15

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 675.069+/-0.293 χ^2/NDF : 259526.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.197+/-0.260 χ^2/NDF : 309835.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

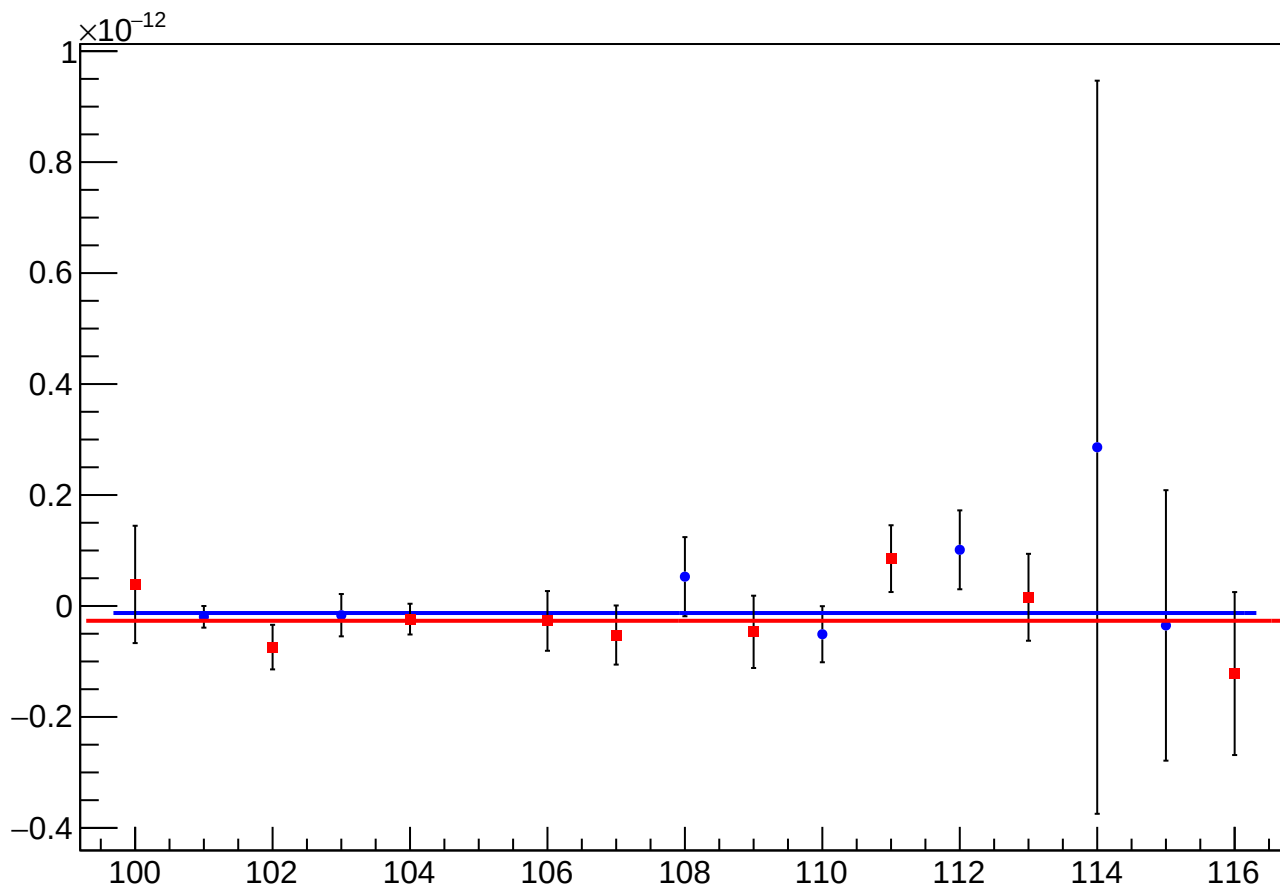
Right: 672.343+/-0.195 χ^2/NDF : 569516.7/15

In: 675.069+/-0.293 χ^2/NDF : 259526.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.343+/-0.195 χ^2/NDF : 569516.7/15

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

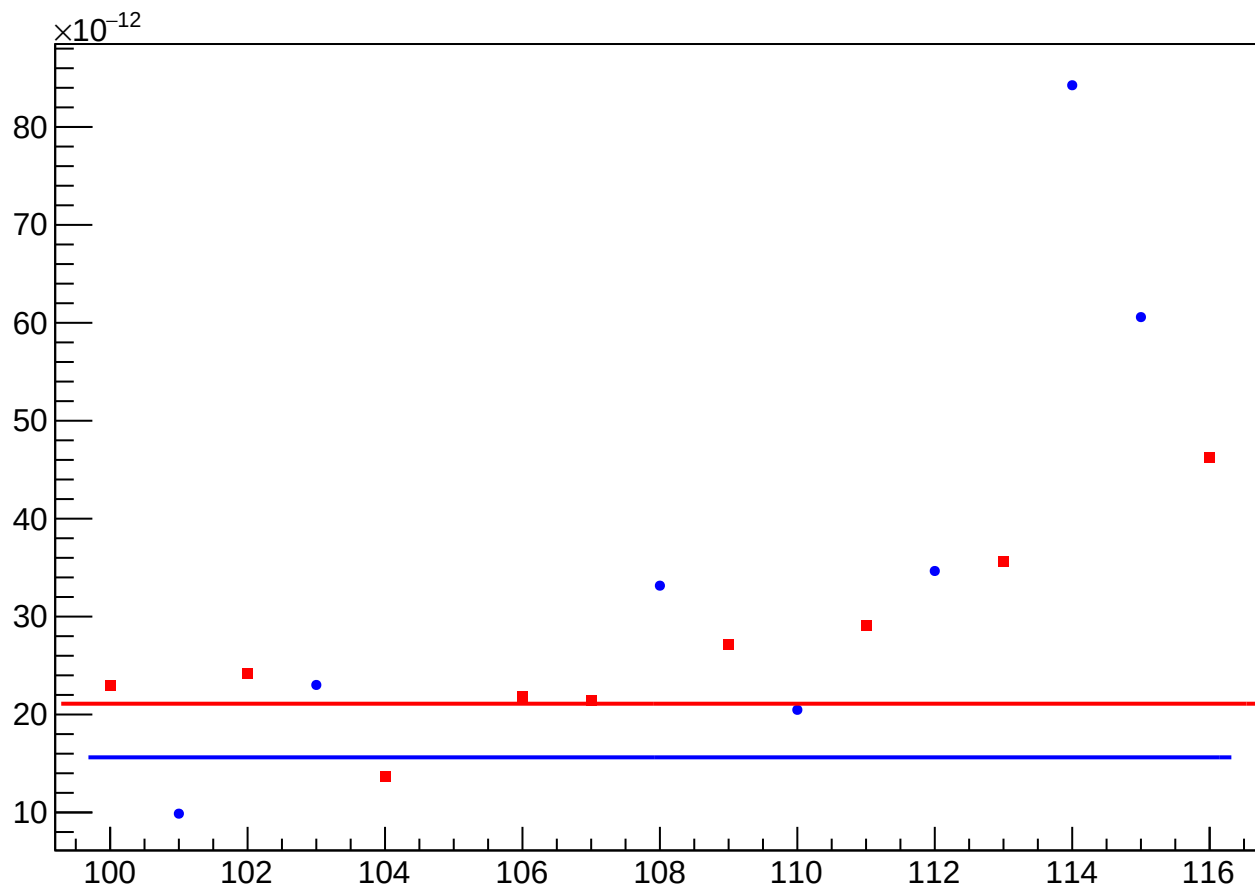
Right: -0.000+/-0.000 χ^2/NDF : 11.0/15

In: -0.000+/-0.000 χ^2/NDF :4.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.0/15

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 621091.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 335627.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

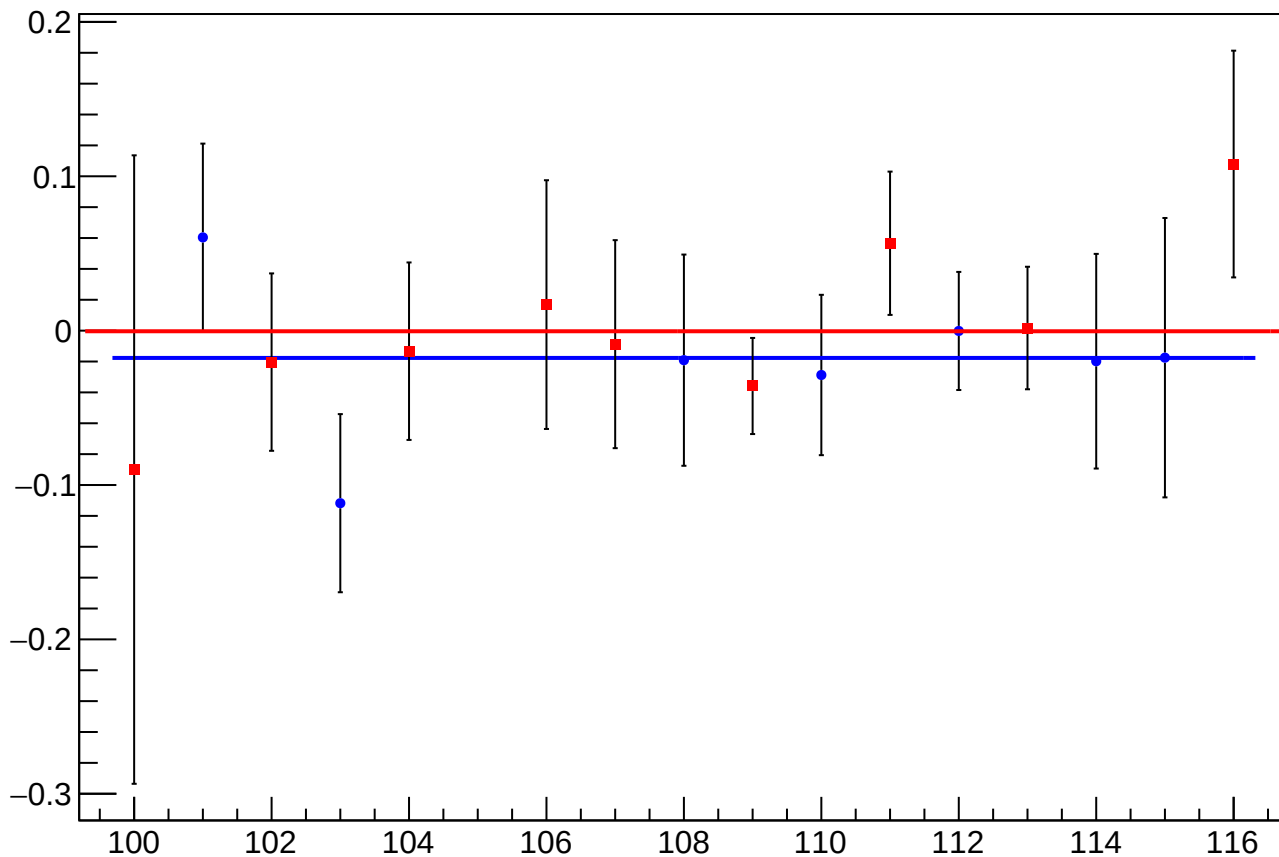
Right: 0.000+/-0.000 χ^2/NDF : 1068948.3/15

In: 0.000+/-0.000 χ^2/NDF : 621091.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1068948.3/15

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.021 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.017 χ^2 /NDF: 5.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

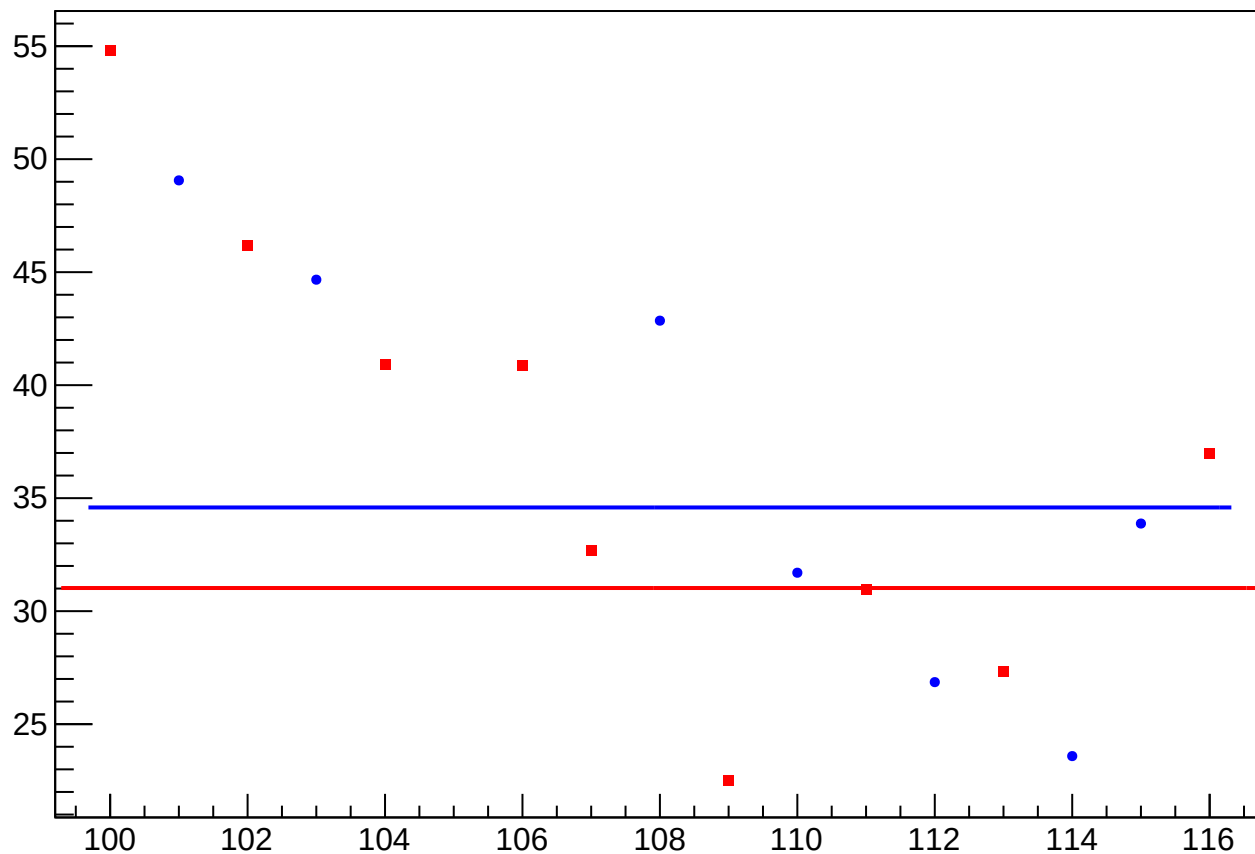
Right: -0.007 $\pm$ 0.013 χ^2 /NDF: 10.4/15

In: -0.018 $\pm$ 0.021 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 10.4/15

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.588+/-0.015 χ^2/NDF : 341754.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.024+/-0.012 χ^2/NDF : 436930.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

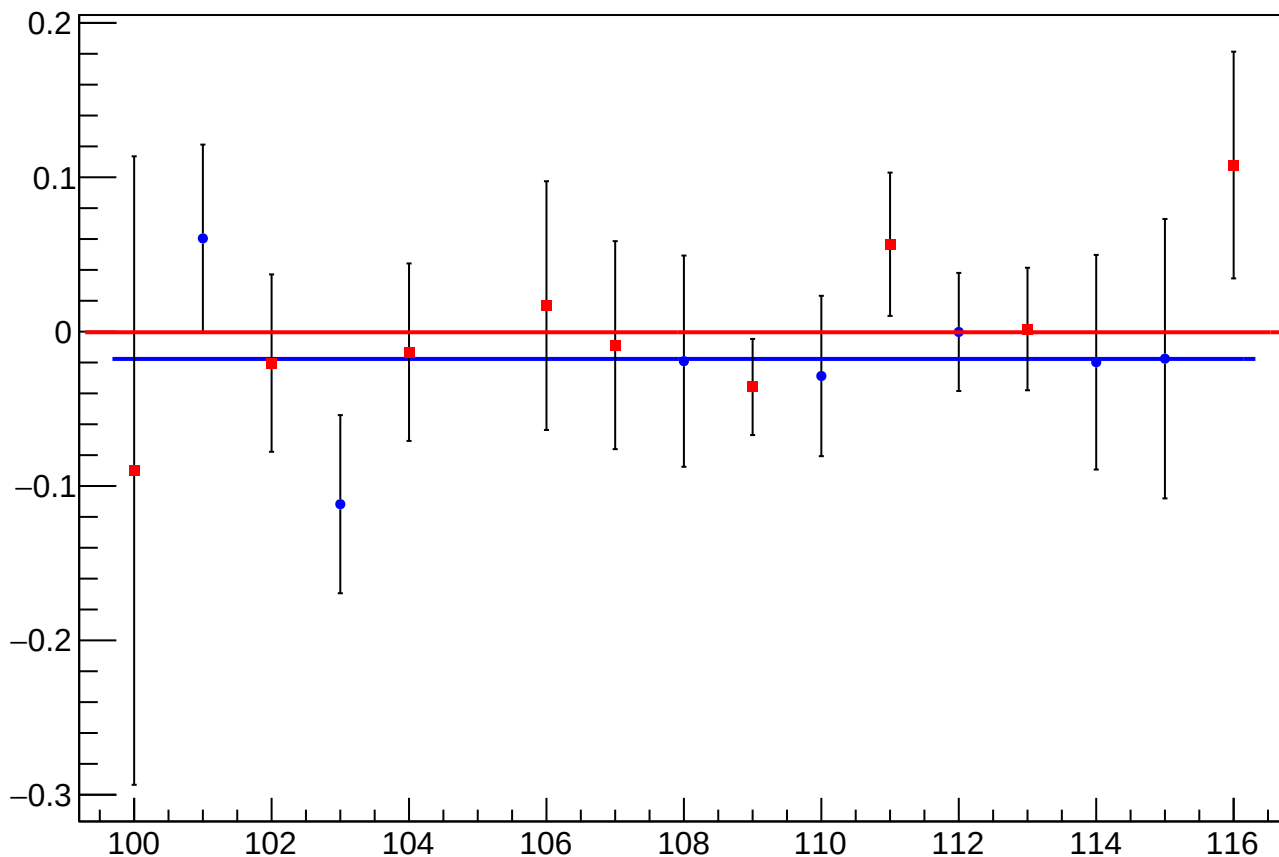
Right: 32.432+/-0.010 χ^2/NDF : 812012.4/15

In: 34.588+/-0.015 χ^2/NDF :341754.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.432+/-0.010 χ^2/NDF : 812012.4/15

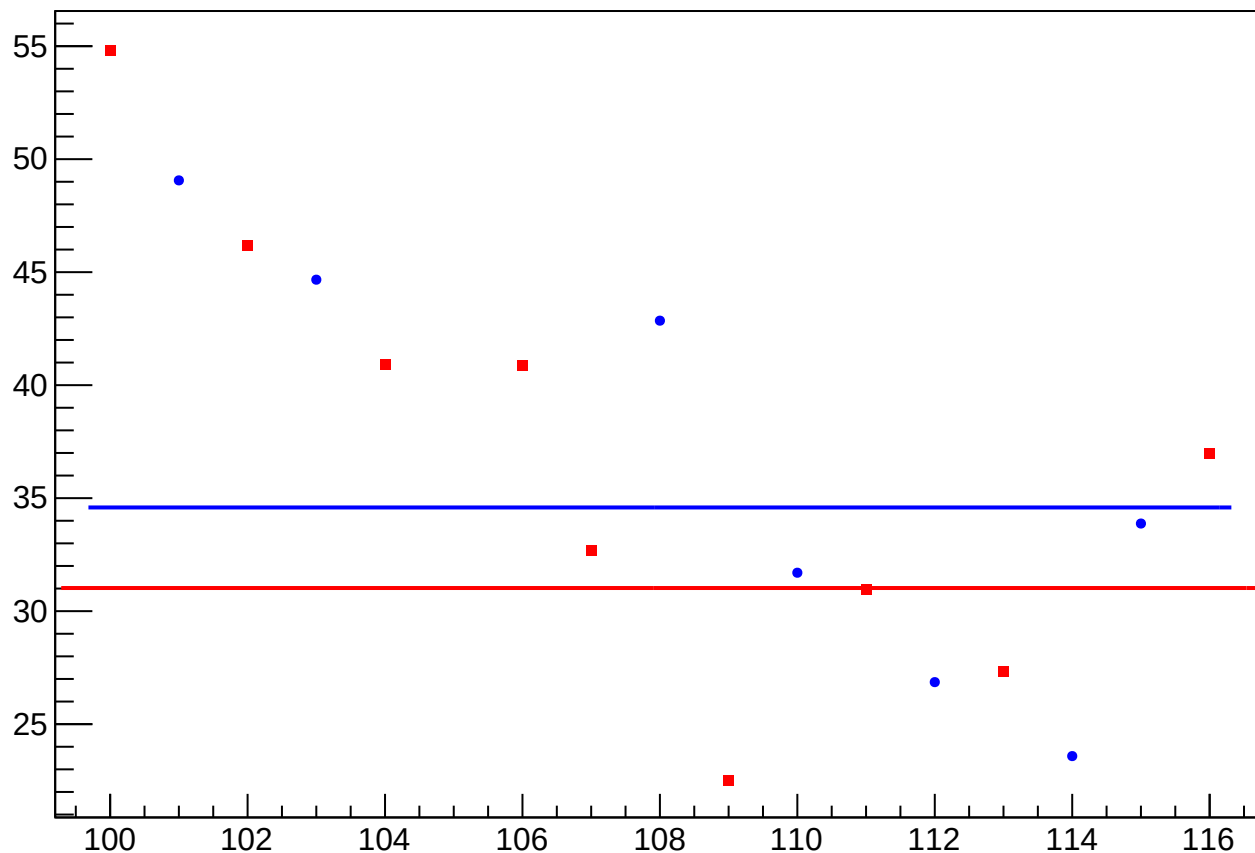
asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.021 χ^2/NDF : 4.6/6
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.000+/-0.017 χ^2/NDF : 5.4/8
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.007+/-0.013 χ^2/NDF : 10.4/15
 In: -0.018+/-0.021 χ^2/NDF :4.6/6
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.007+/-0.013 χ^2/NDF : 10.4/15

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.588+/-0.015 χ^2/NDF : 341754.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.024+/-0.012 χ^2/NDF : 436930.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

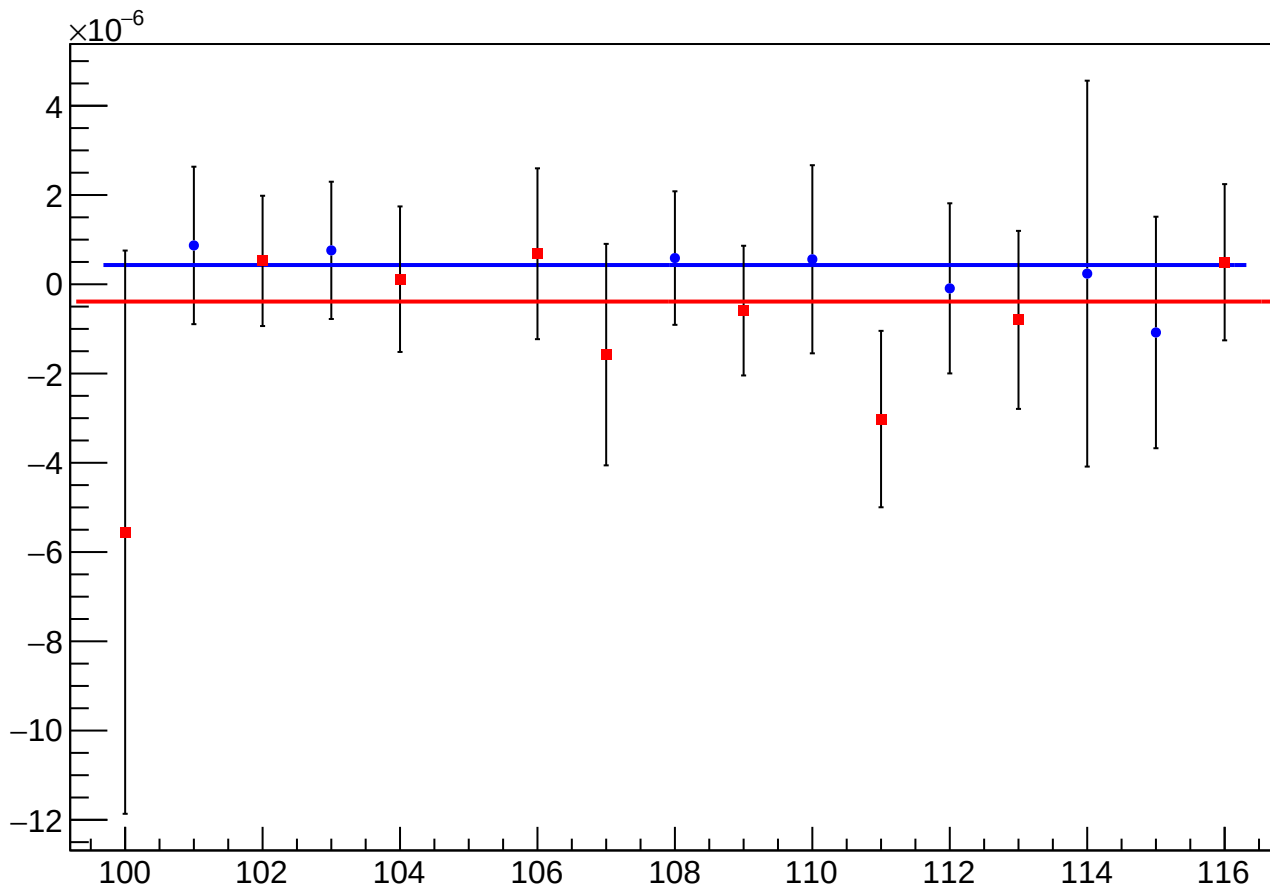
Right: 32.432+/-0.010 χ^2/NDF : 812012.4/15

In: 34.588+/-0.015 χ^2/NDF : 341754.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.432+/-0.010 χ^2/NDF : 812012.4/15

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

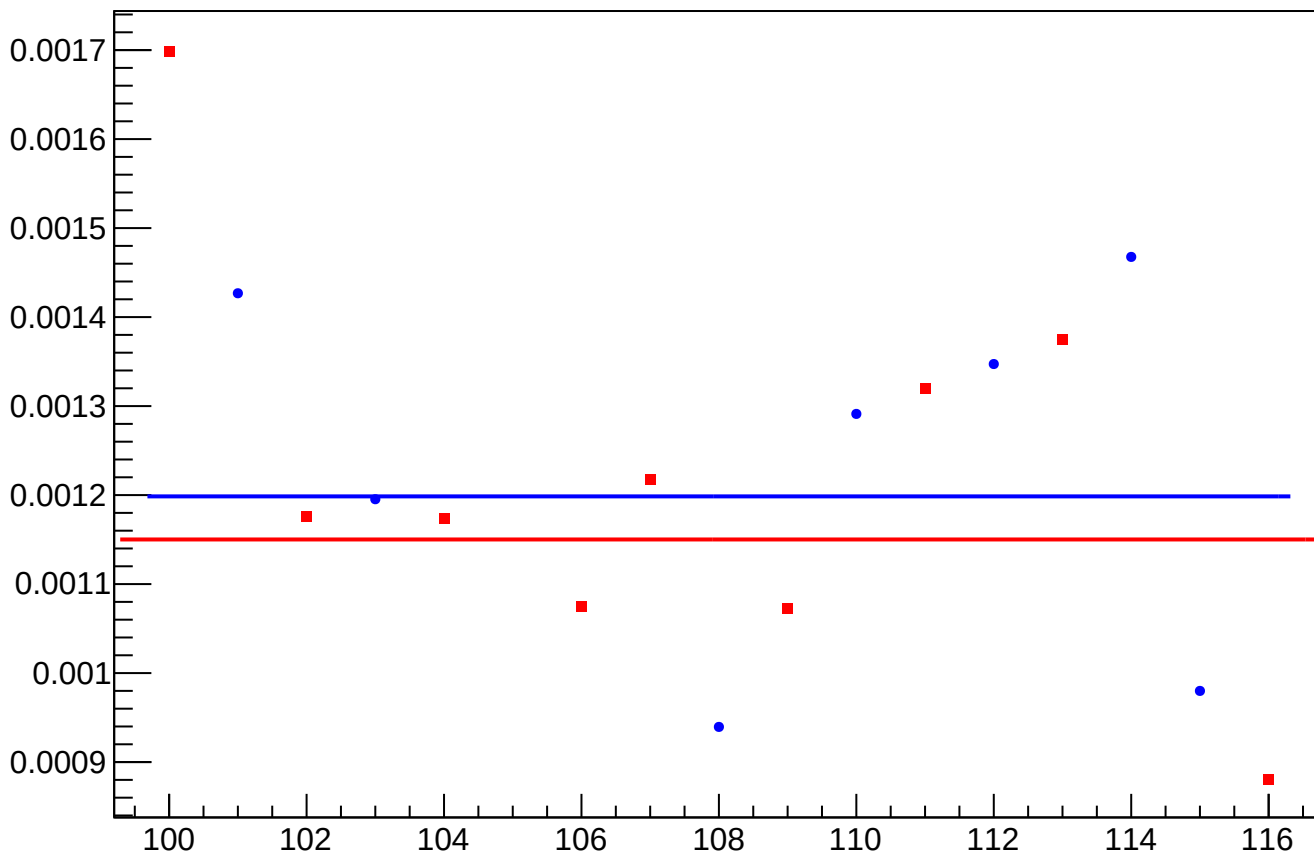
Right: -0.000+/-0.000 χ^2/NDF : 5.1/15

In: 0.000+/-0.000 χ^2/NDF : 0.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.1/15

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 131423.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 114074.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

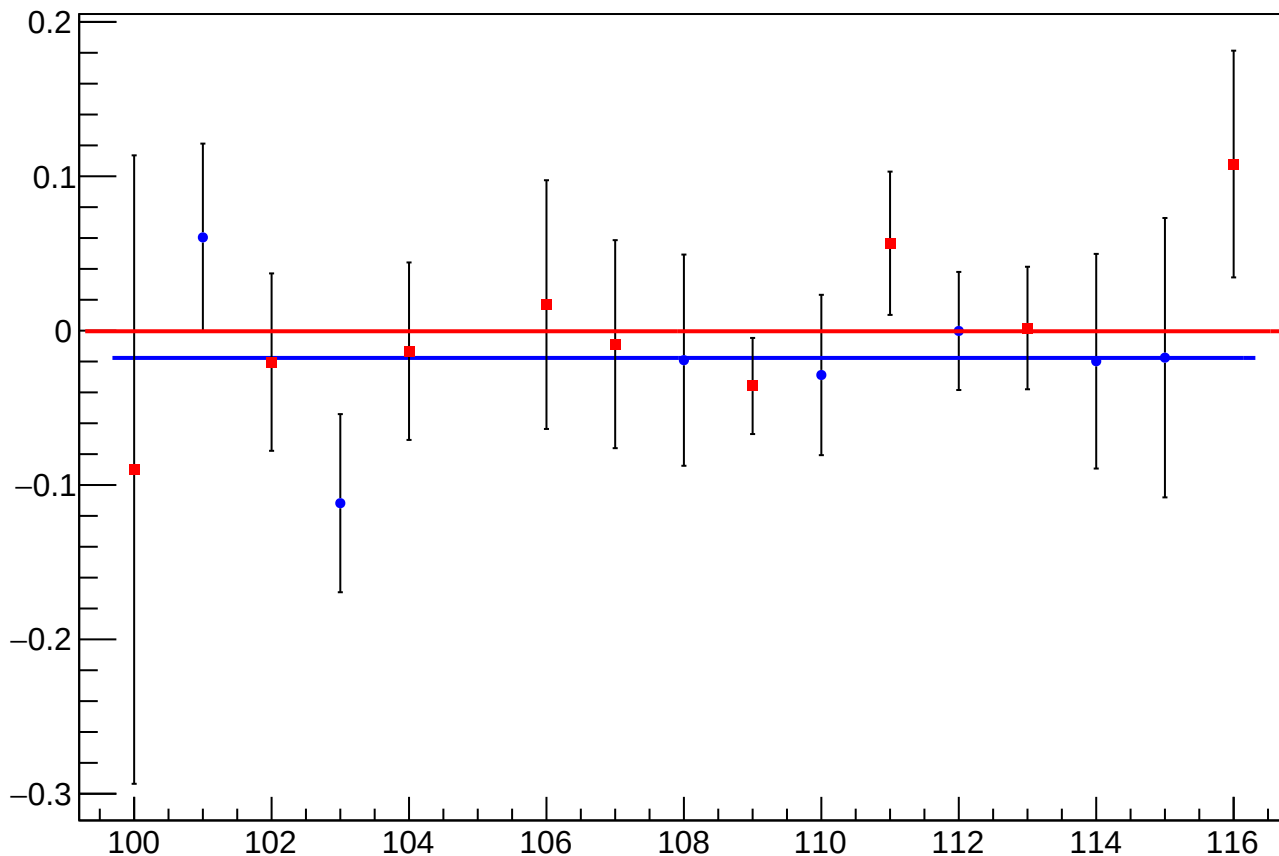
Right: 0.001+/-0.000 χ^2/NDF : 250644.9/15

In: 0.001+/-0.000 χ^2/NDF : 131423.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 250644.9/15

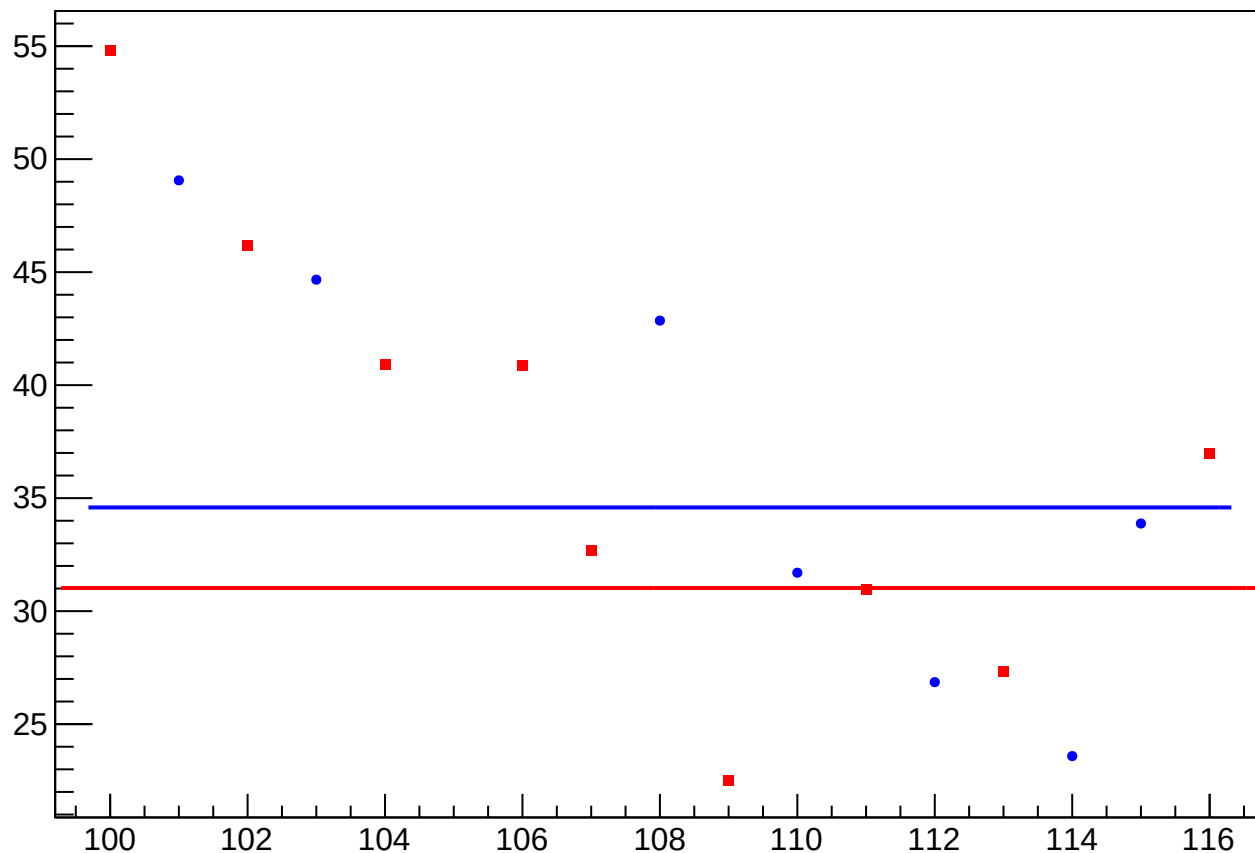
asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.021 χ^2 /NDF: 4.6/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.017 χ^2 /NDF: 5.4/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.007 $\pm$ 0.013 χ^2 /NDF: 10.4/15
 In: -0.018 $\pm$ 0.021 χ^2 /NDF:4.6/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.007 $\pm$ 0.013 χ^2 /NDF: 10.4/15

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.588+/-0.015 χ^2/NDF : 341775.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.023+/-0.012 χ^2/NDF : 436963.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

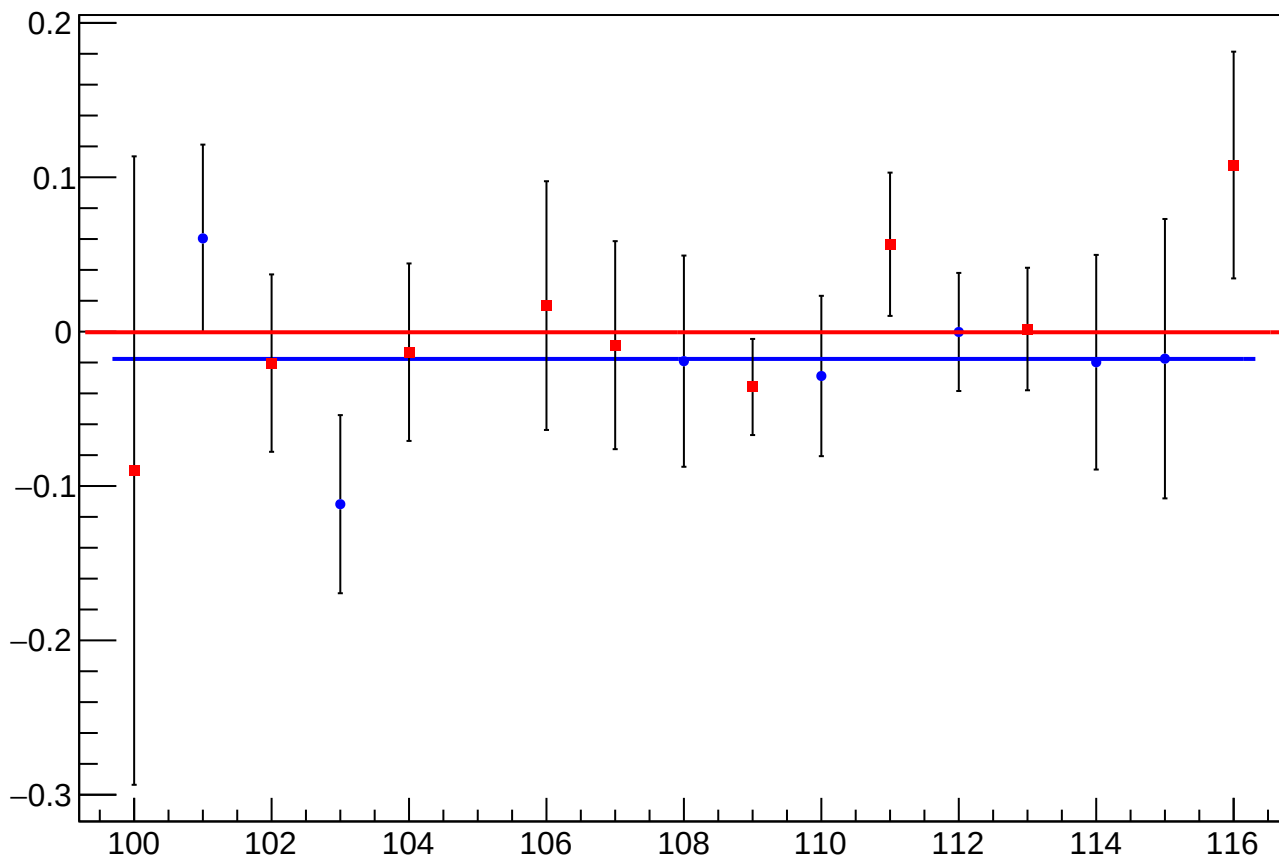
Right: 32.431+/-0.010 χ^2/NDF : 812067.8/15

In: 34.588+/-0.015 χ^2/NDF : 341775.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.431+/-0.010 χ^2/NDF : 812067.8/15

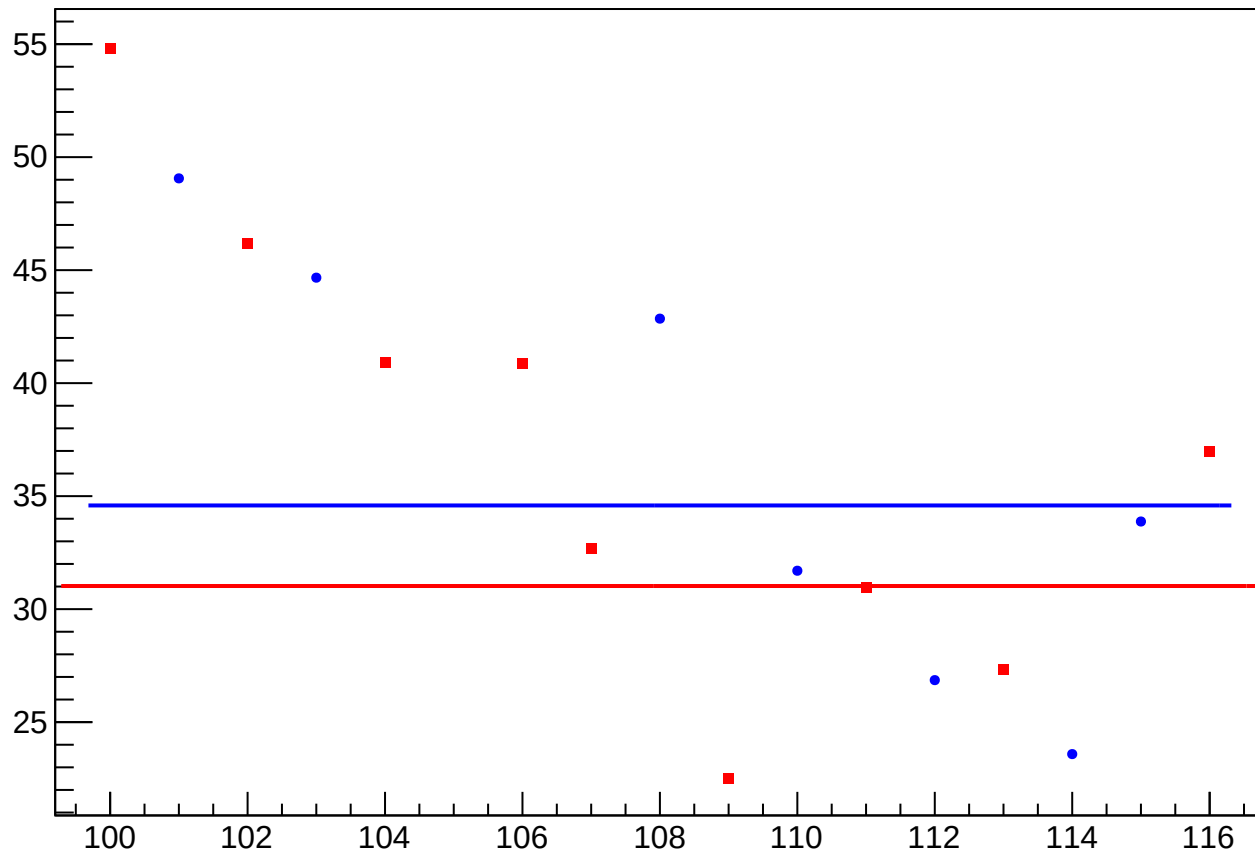
asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.021 χ^2 /NDF: 4.6/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.017 χ^2 /NDF: 5.4/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.007 $\pm$ 0.013 χ^2 /NDF: 10.4/15
 In: -0.018 $\pm$ 0.021 χ^2 /NDF:4.6/6
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.007 $\pm$ 0.013 χ^2 /NDF: 10.4/15

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.588+/-0.015 χ^2/NDF : 341775.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.023+/-0.012 χ^2/NDF : 436963.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

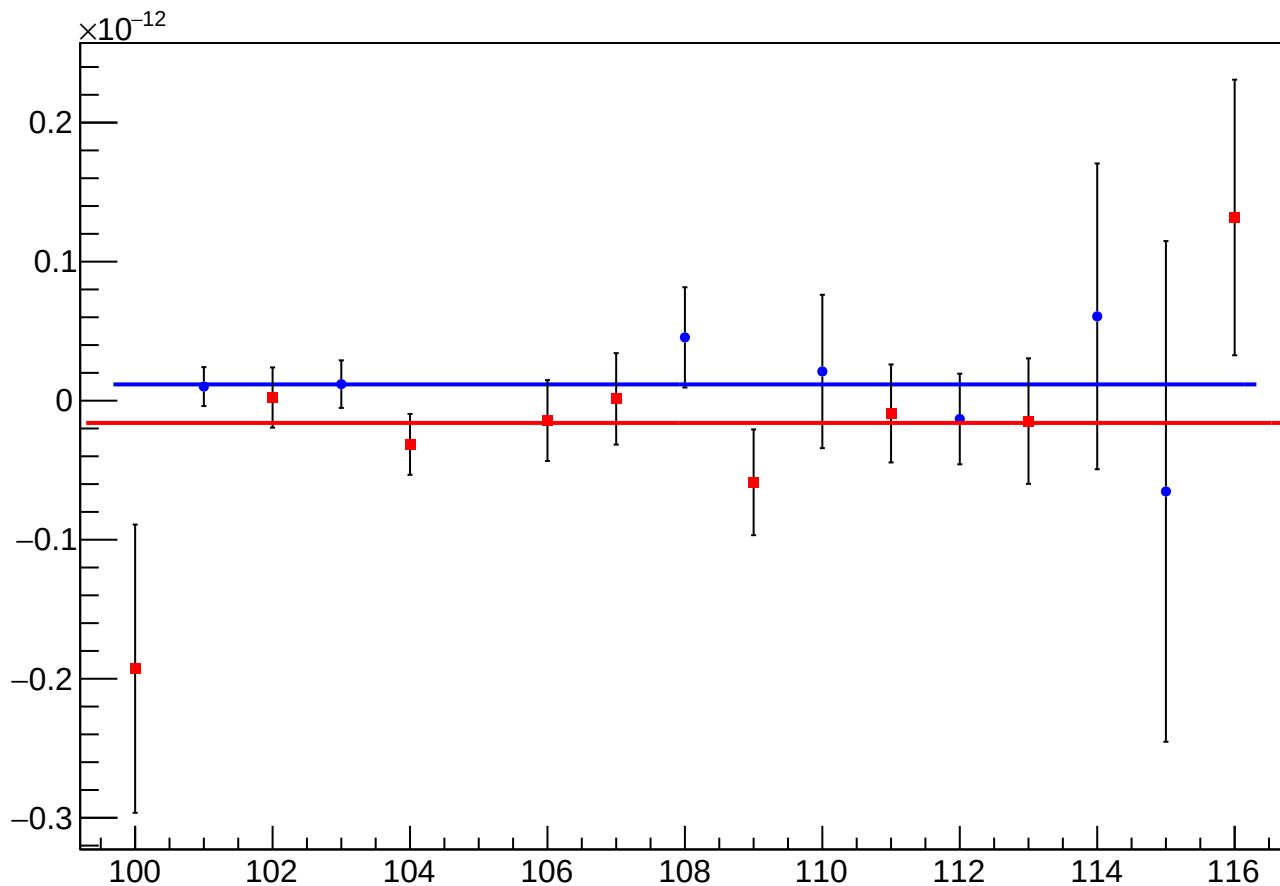
Right: 32.431+/-0.010 χ^2/NDF : 812067.8/15

In: 34.588+/-0.015 χ^2/NDF :341775.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.431+/-0.010 χ^2/NDF : 812067.8/15

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

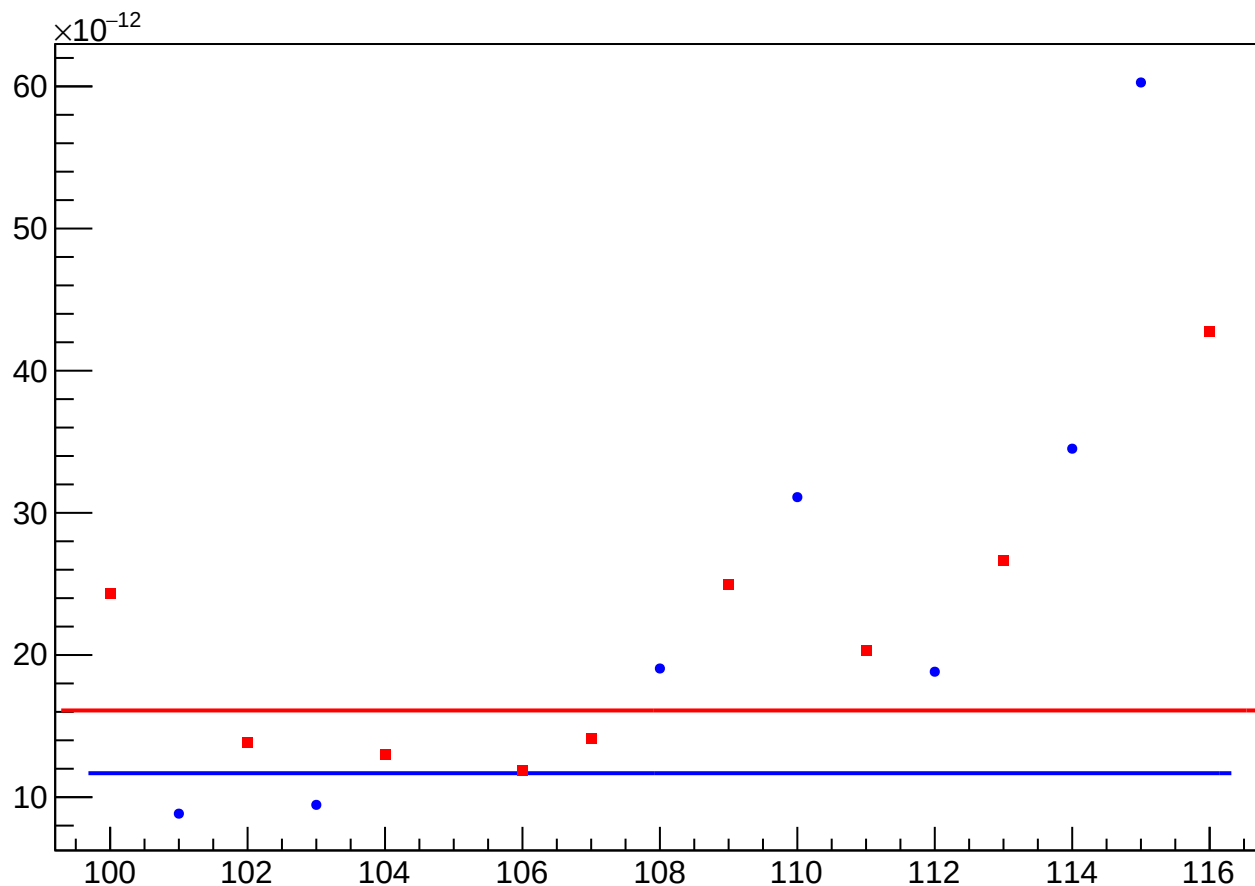
Right: -0.000+/-0.000 χ^2/NDF : 13.4/15

In: 0.000+/-0.000 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.4/15

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 775878.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 515993.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

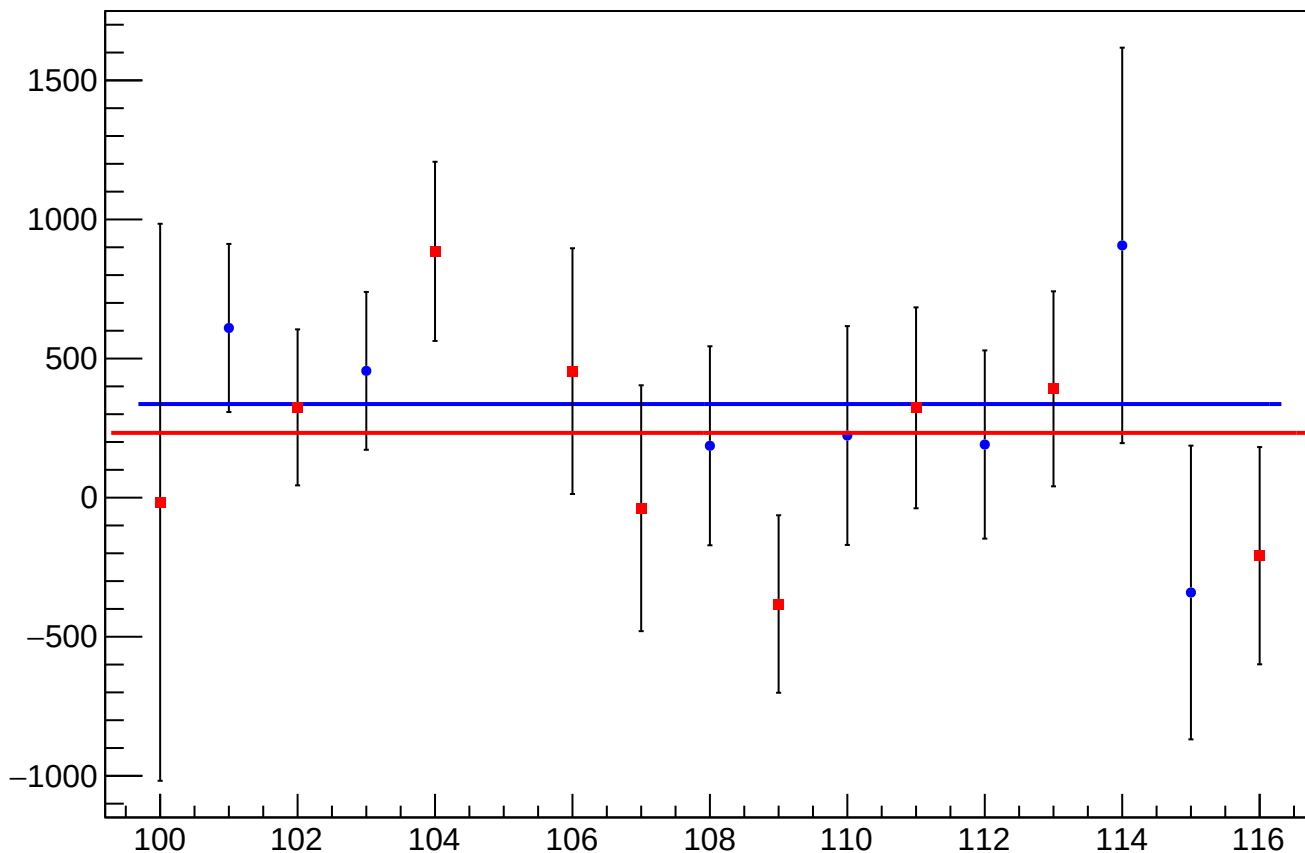
Right: 0.000+/-0.000 χ^2/NDF : 1476438.3/15

In: 0.000+/-0.000 χ^2/NDF : 775878.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1476438.3/15

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 336.473+/-138.726 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.862+/-123.278 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

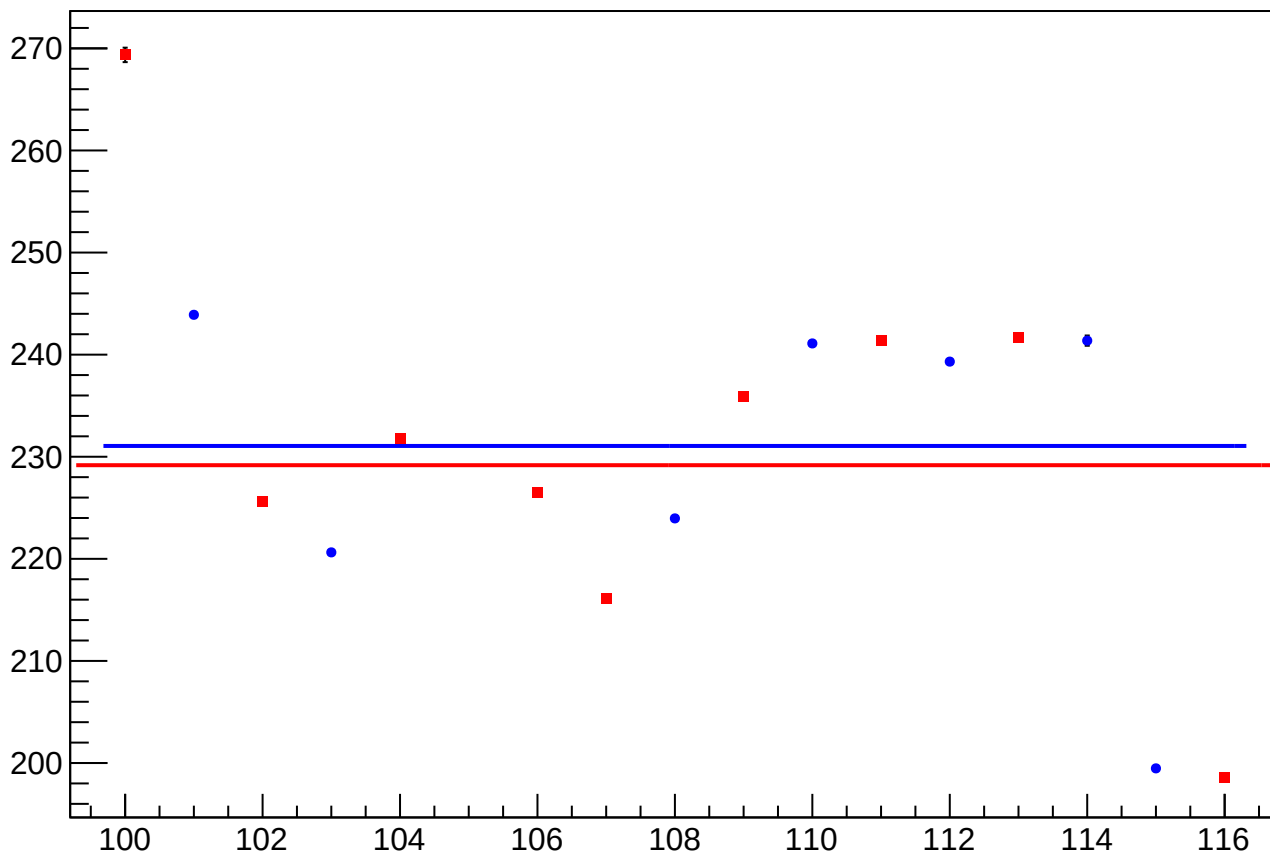
Right: 278.580+/-92.150 χ^2/NDF : 14.2/15

In: 336.473+/-138.726 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.580+/-92.150 χ^2/NDF : 14.2/15

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.057+/-0.098 χ^2/NDF : 17177.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.171+/-0.087 χ^2/NDF : 23519.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

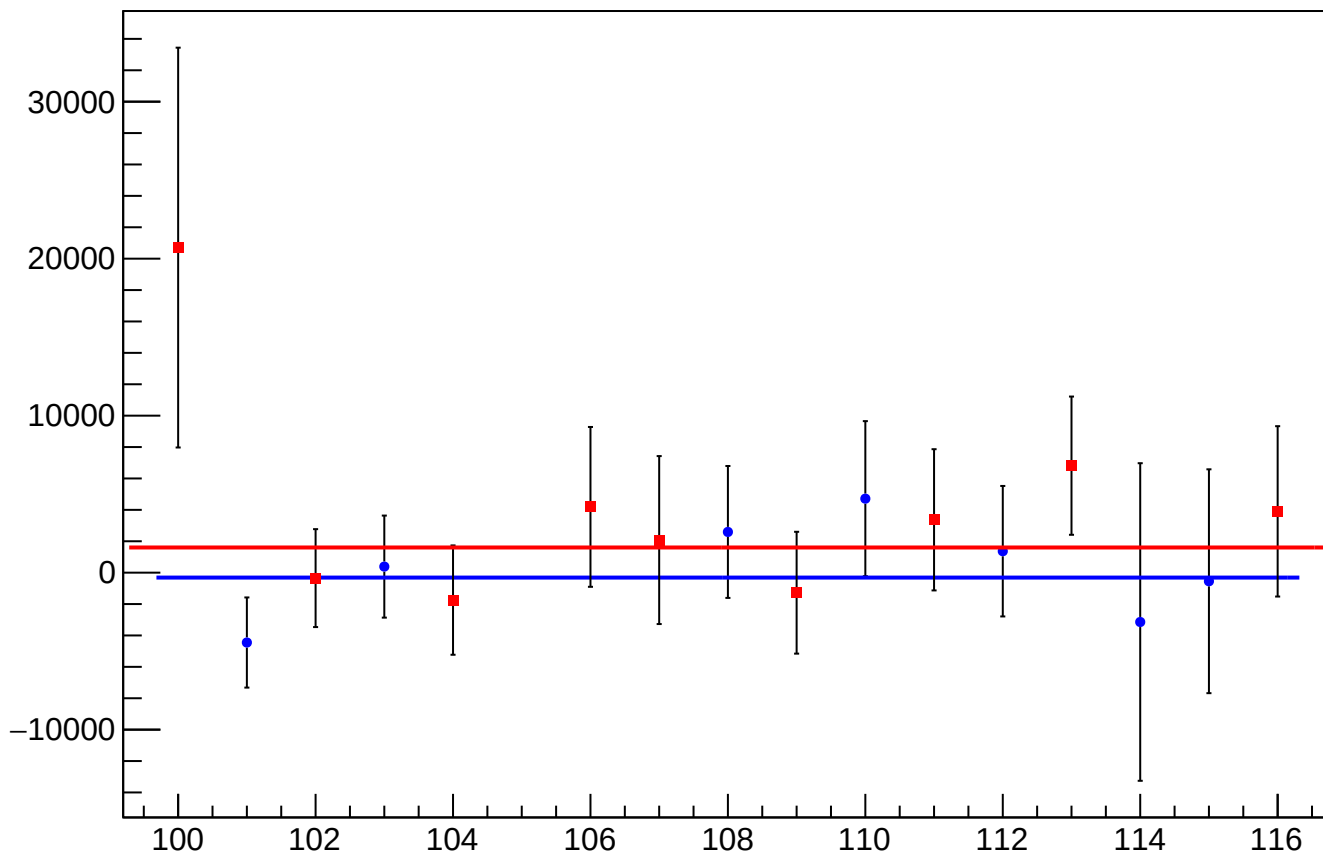
Right: 230.004+/-0.065 χ^2/NDF : 40902.6/15

In: 231.057+/-0.098 χ^2/NDF : 17177.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.004+/-0.065 χ^2/NDF : 40902.6/15

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -313.500+/-1579.278 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.172+/-1464.299 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

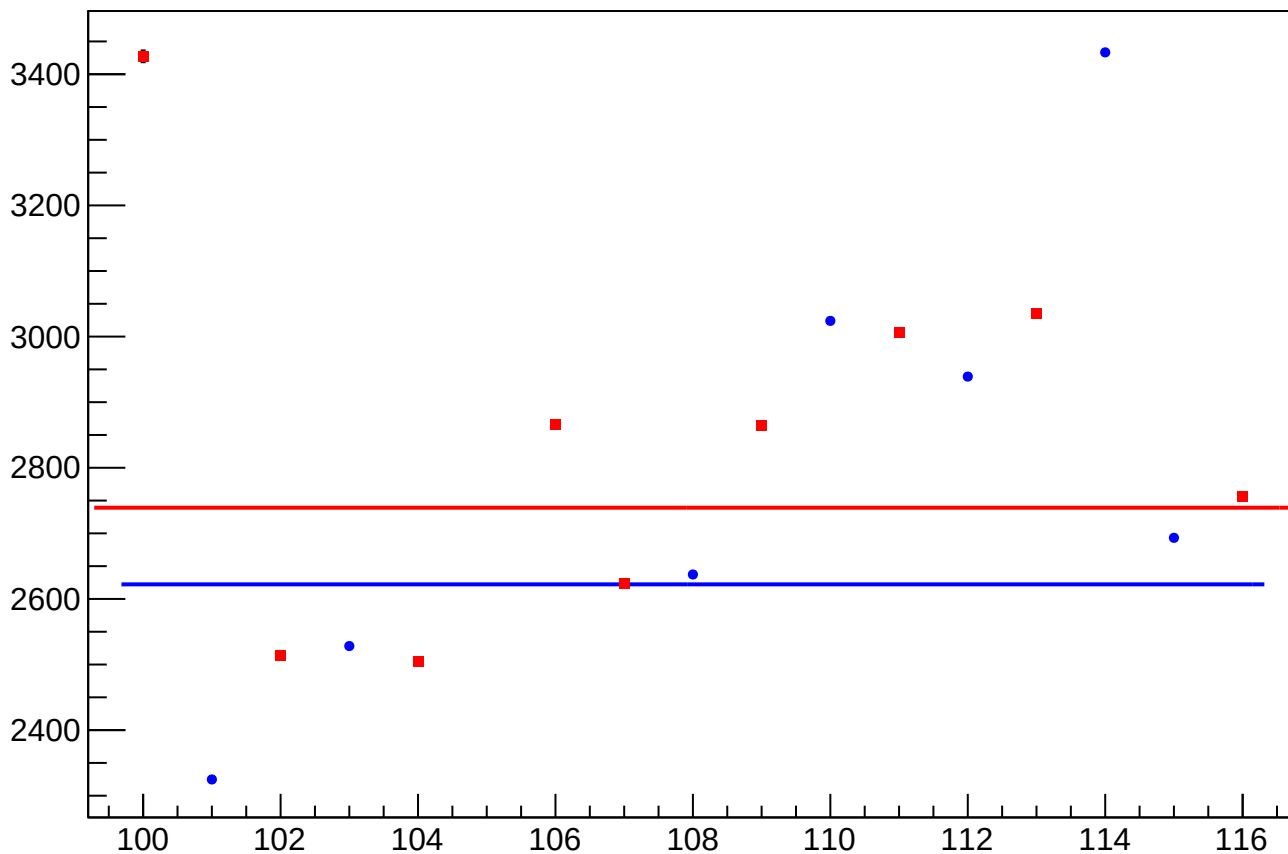
Right: 717.140+/-1073.765 χ^2/NDF : 10.8/15

In: -313.500+/-1579.278 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.140+/-1073.765 χ^2/NDF : 10.8/15

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2622.230+/-1.117 χ^2/NDF : 61076.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2739.120+/-1.035 χ^2/NDF : 45859.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

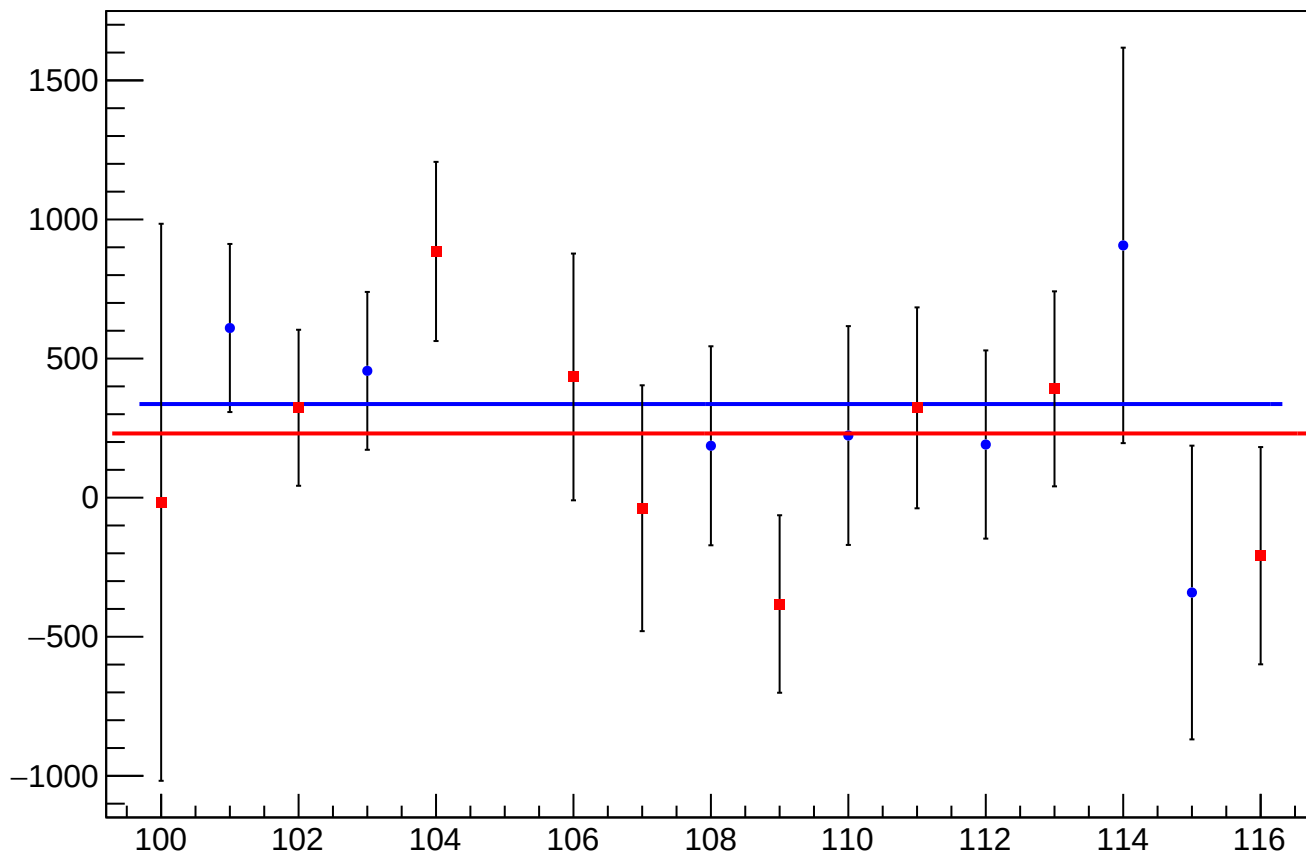
Right: 2685.084+/-0.759 χ^2/NDF : 112827.9/15

In: 2622.230+/-1.117 χ^2/NDF : 61076.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2685.084+/-0.759 χ^2/NDF : 112827.9/15

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 336.504 $\pm$ 138.726 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 230.790 $\pm$ 123.324 χ^2 /NDF: 10.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

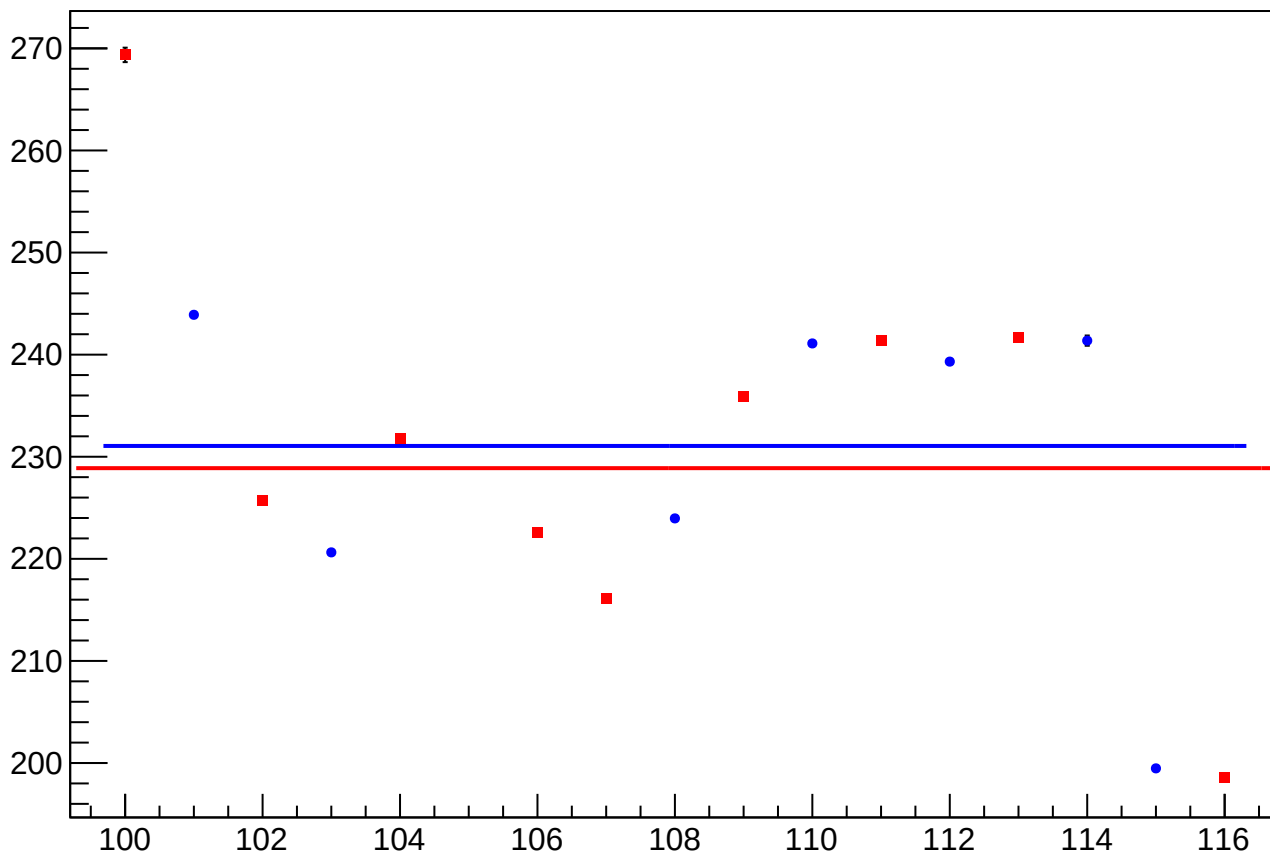
Right: 277.455 $\pm$ 92.170 χ^2 /NDF: 14.2/15

In: 336.504 $\pm$ 138.726 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 277.455 $\pm$ 92.170 χ^2 /NDF: 14.2/15

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.057 $\pm$ 0.098 χ^2 /NDF: 17176.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.882 $\pm$ 0.087 χ^2 /NDF: 23869.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

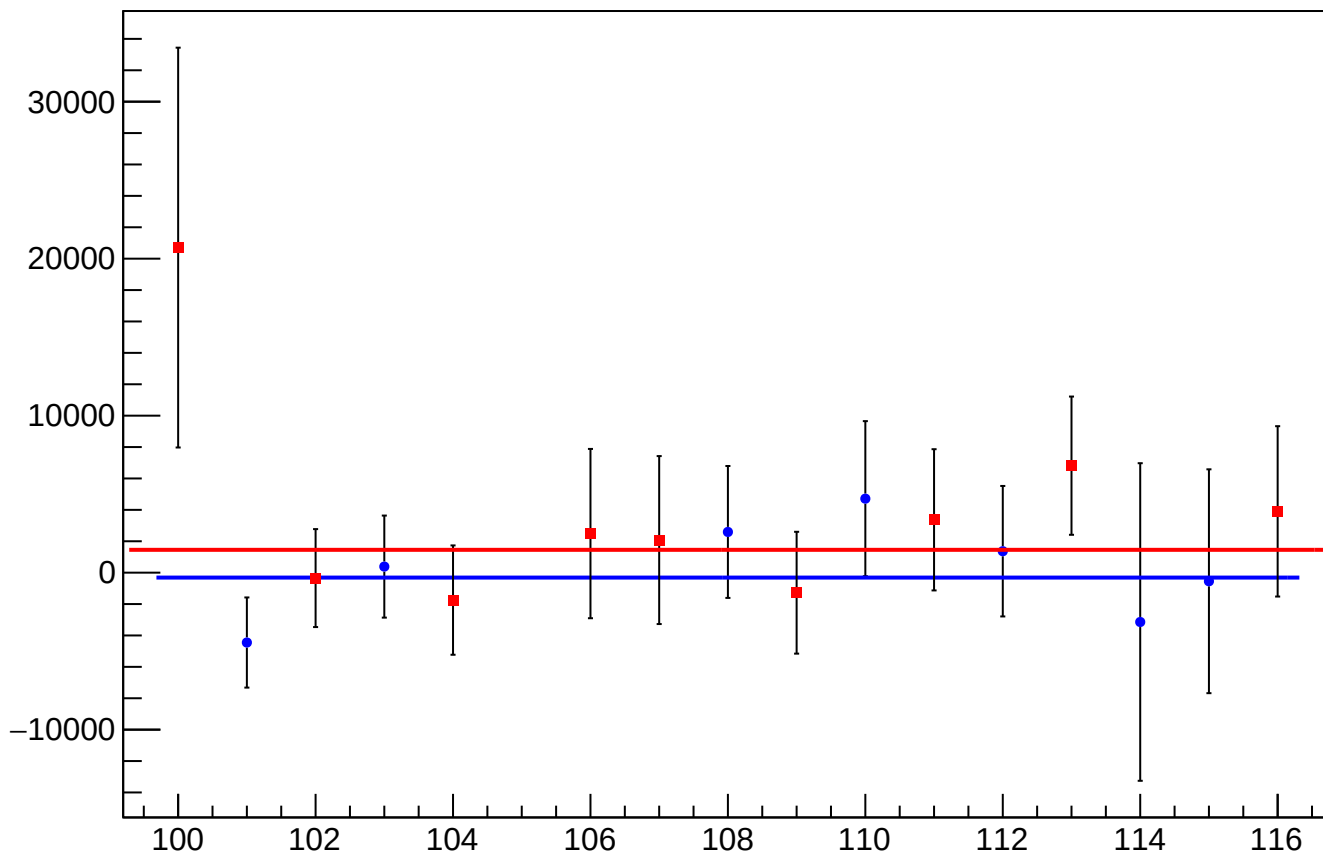
Right: 229.842 $\pm$ 0.065 χ^2 /NDF: 41321.3/15

In: 231.057 $\pm$ 0.098 χ^2 /NDF:17176.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 229.842 $\pm$ 0.065 χ^2 /NDF: 41321.3/15

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -313.322+/-1579.288 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1454.041+/-1471.046 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

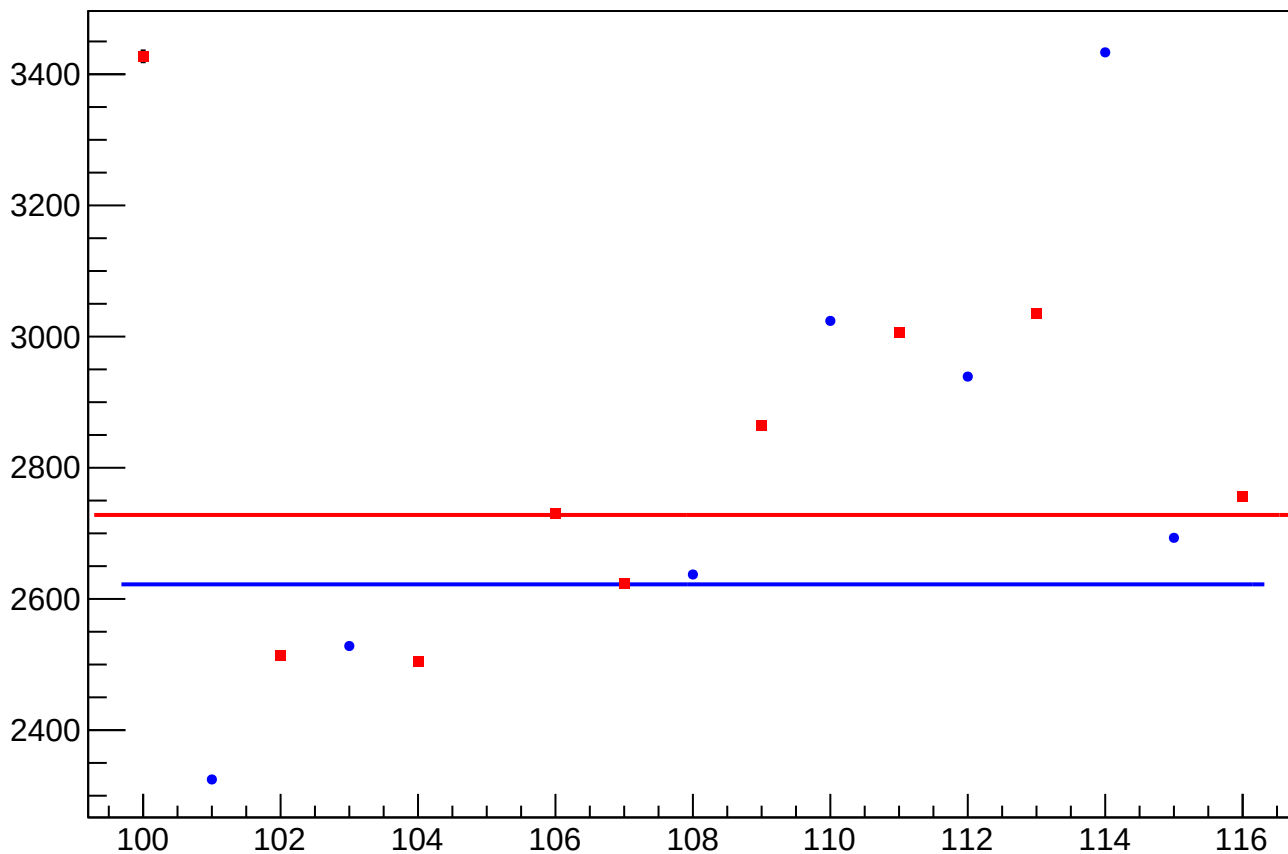
Right: 632.996+/-1076.420 χ^2/NDF : 10.4/15

In: -313.322+/-1579.288 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.996+/-1076.420 χ^2/NDF : 10.4/15

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2622.247+/-1.117 χ^2/NDF : 61074.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2728.057+/-1.040 χ^2/NDF : 44400.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

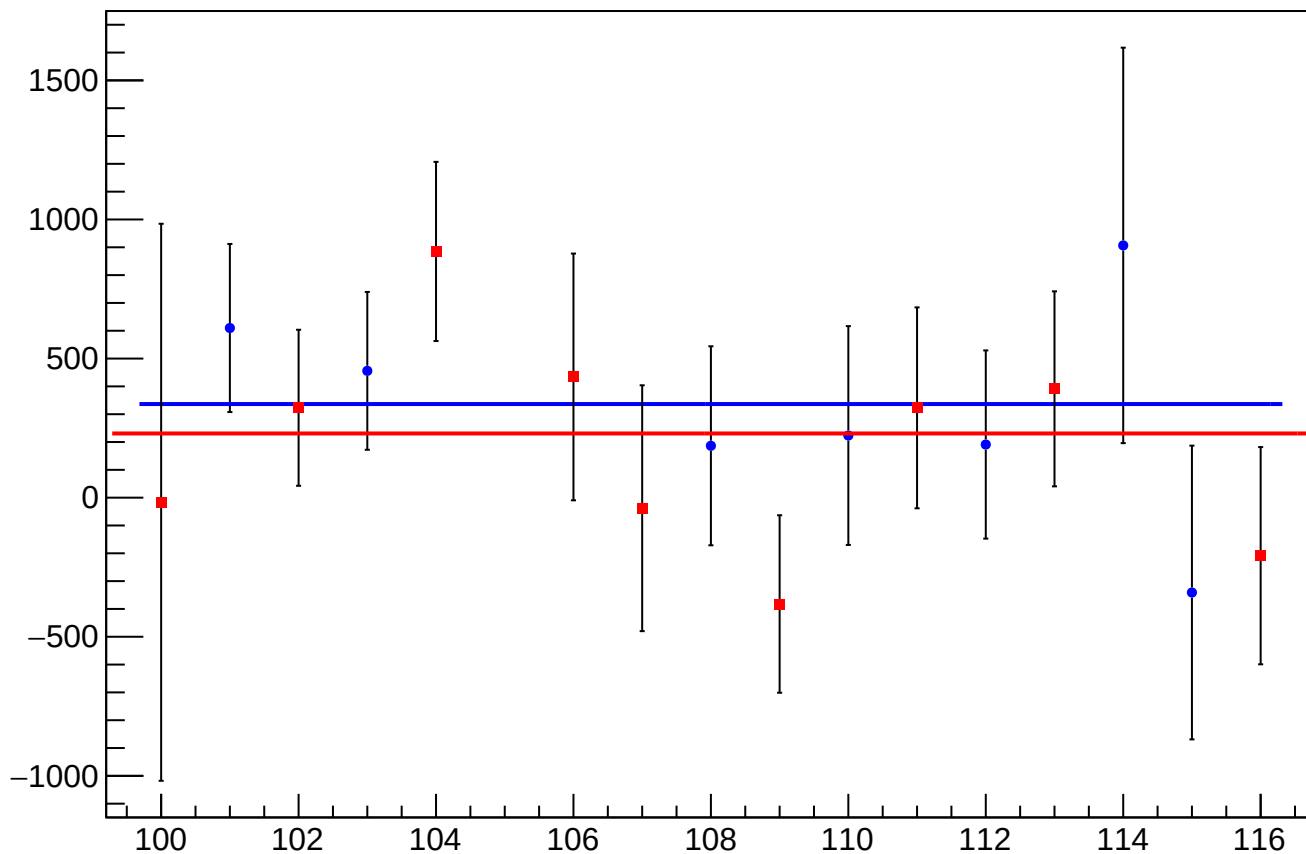
Right: 2678.902+/-0.761 χ^2/NDF : 110282.1/15

In: 2622.247+/-1.117 χ^2/NDF : 61074.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.902+/-0.761 χ^2/NDF : 110282.1/15

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 336.504 $\pm$ 138.726 χ^2 /NDF: 3.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 230.790 $\pm$ 123.324 χ^2 /NDF: 10.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

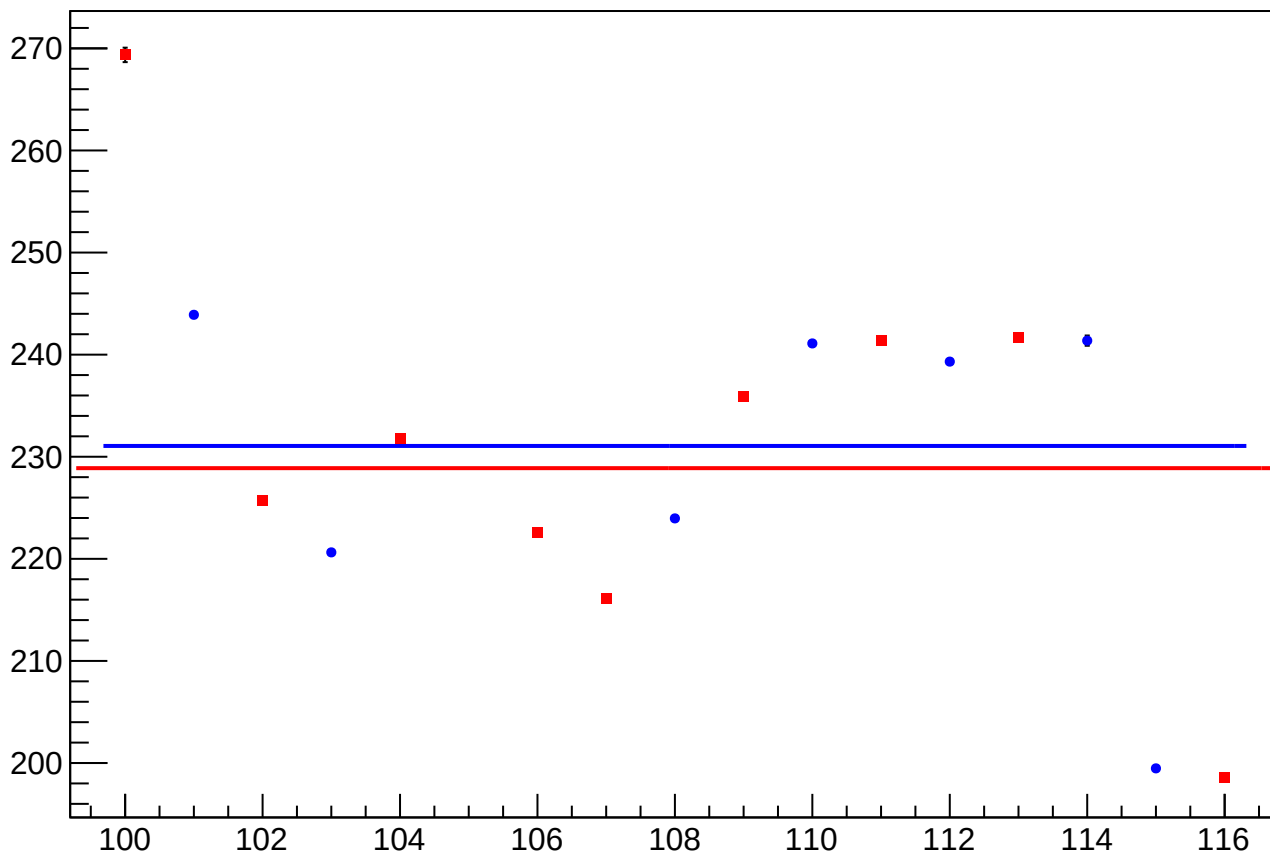
Right: 277.455 $\pm$ 92.170 χ^2 /NDF: 14.2/15

In: 336.504 $\pm$ 138.726 χ^2 /NDF:3.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 277.455 $\pm$ 92.170 χ^2 /NDF: 14.2/15

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.057+/-0.098 χ^2/NDF : 17176.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.882+/-0.087 χ^2/NDF : 23869.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

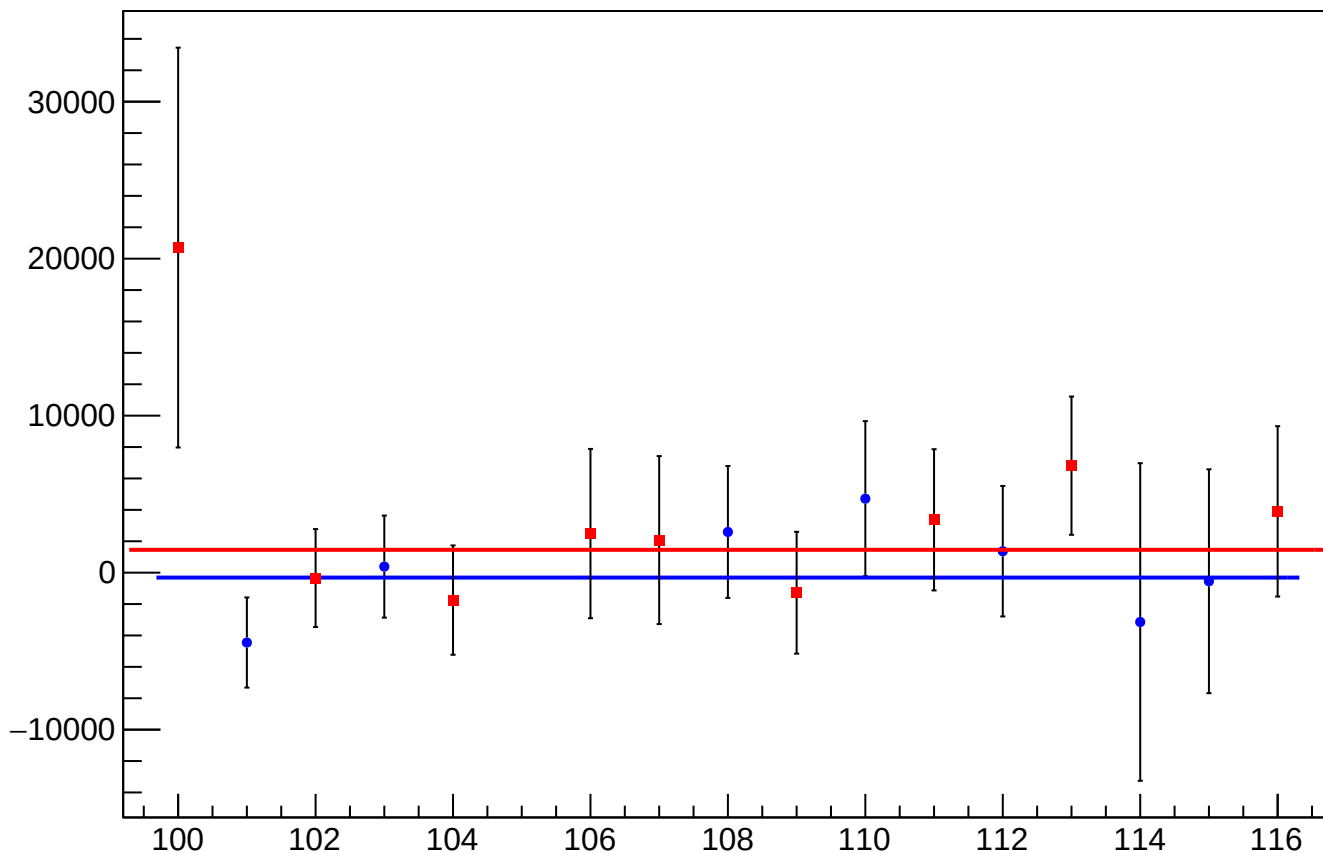
Right: 229.842+/-0.065 χ^2/NDF : 41321.3/15

In: 231.057+/-0.098 χ^2/NDF : 17176.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.842+/-0.065 χ^2/NDF : 41321.3/15

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -313.322+/-1579.288 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1454.041+/-1471.046 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

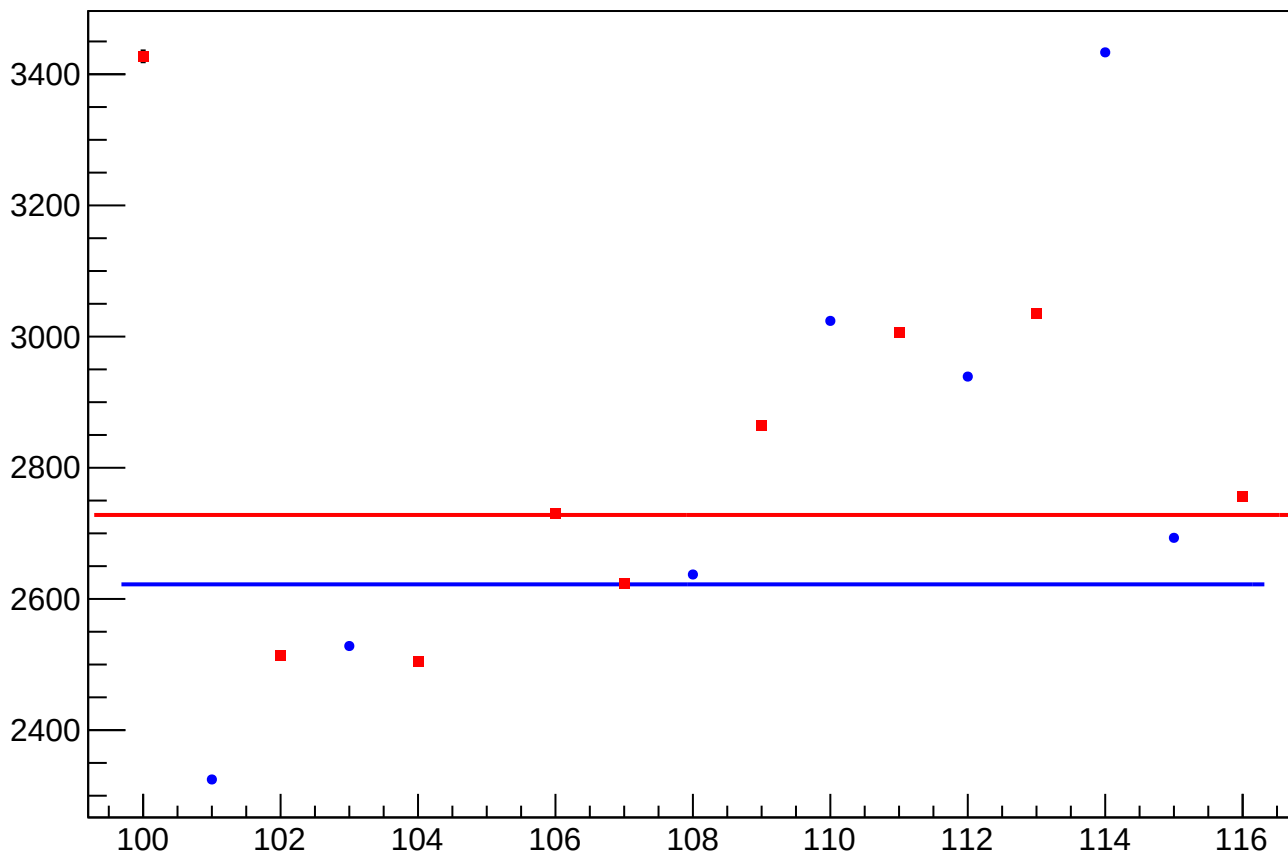
Right: 632.996+/-1076.420 χ^2/NDF : 10.4/15

In: -313.322+/-1579.288 χ^2/NDF :3.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 632.996+/-1076.420 χ^2/NDF : 10.4/15

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2622.247+/-1.117 χ^2/NDF : 61074.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2728.057+/-1.040 χ^2/NDF : 44400.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

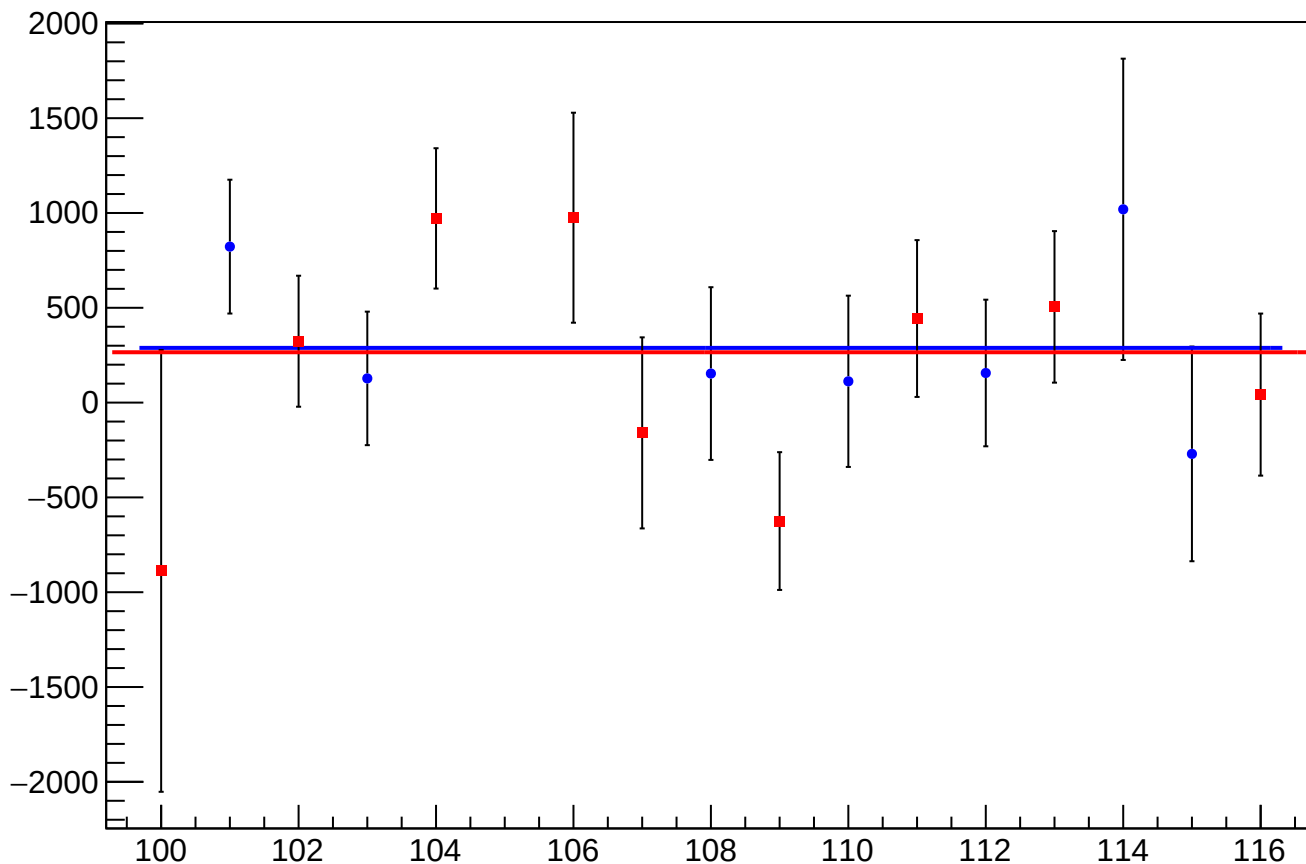
Right: 2678.902+/-0.761 χ^2/NDF : 110282.1/15

In: 2622.247+/-1.117 χ^2/NDF : 61074.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.902+/-0.761 χ^2/NDF : 110282.1/15

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 288.591+/-163.920 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.532+/-143.176 χ^2/NDF : 13.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

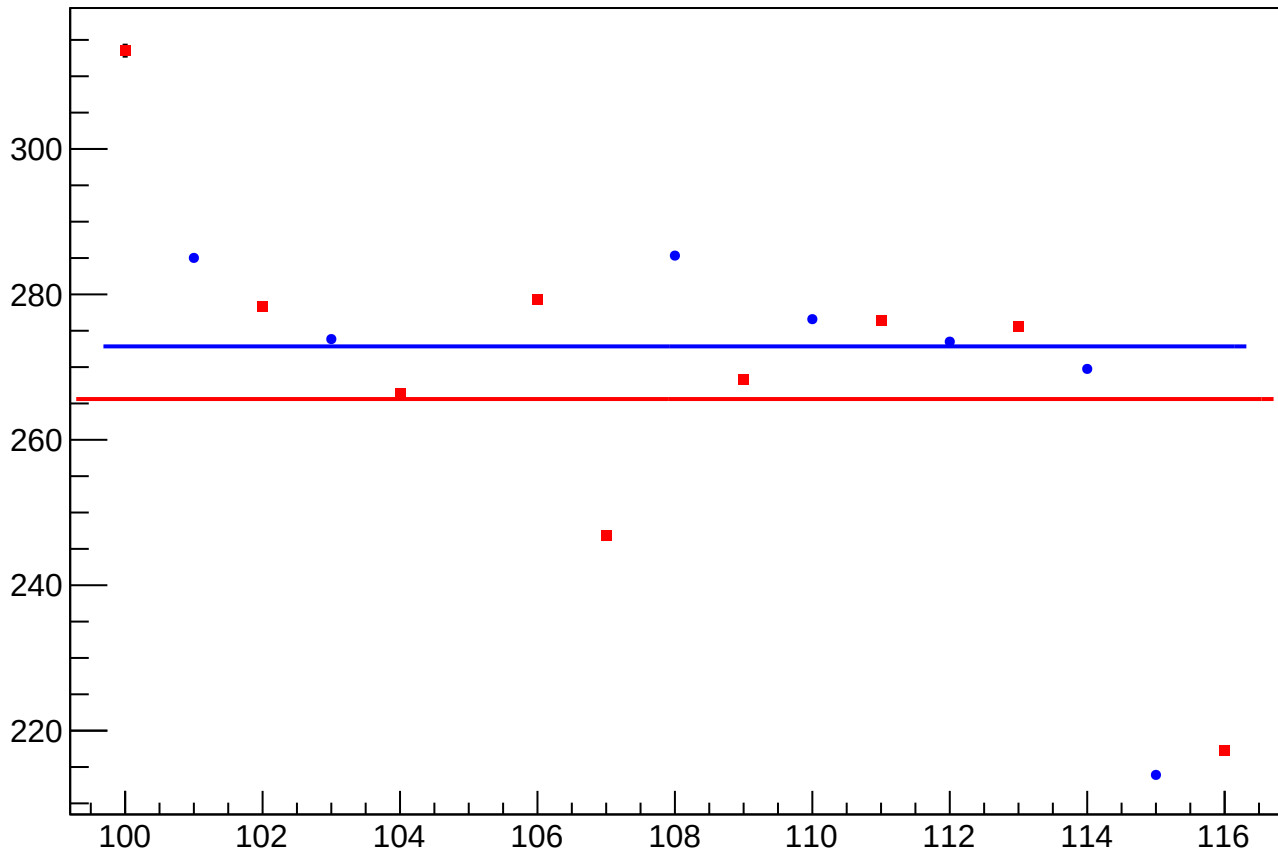
Right: 275.511+/-107.834 χ^2/NDF : 18.5/15

In: 288.591+/-163.920 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.511+/-107.834 χ^2/NDF : 18.5/15

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 272.849 $\pm$ 0.116 χ^2 /NDF: 25744.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 265.608 $\pm$ 0.101 χ^2 /NDF: 38379.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

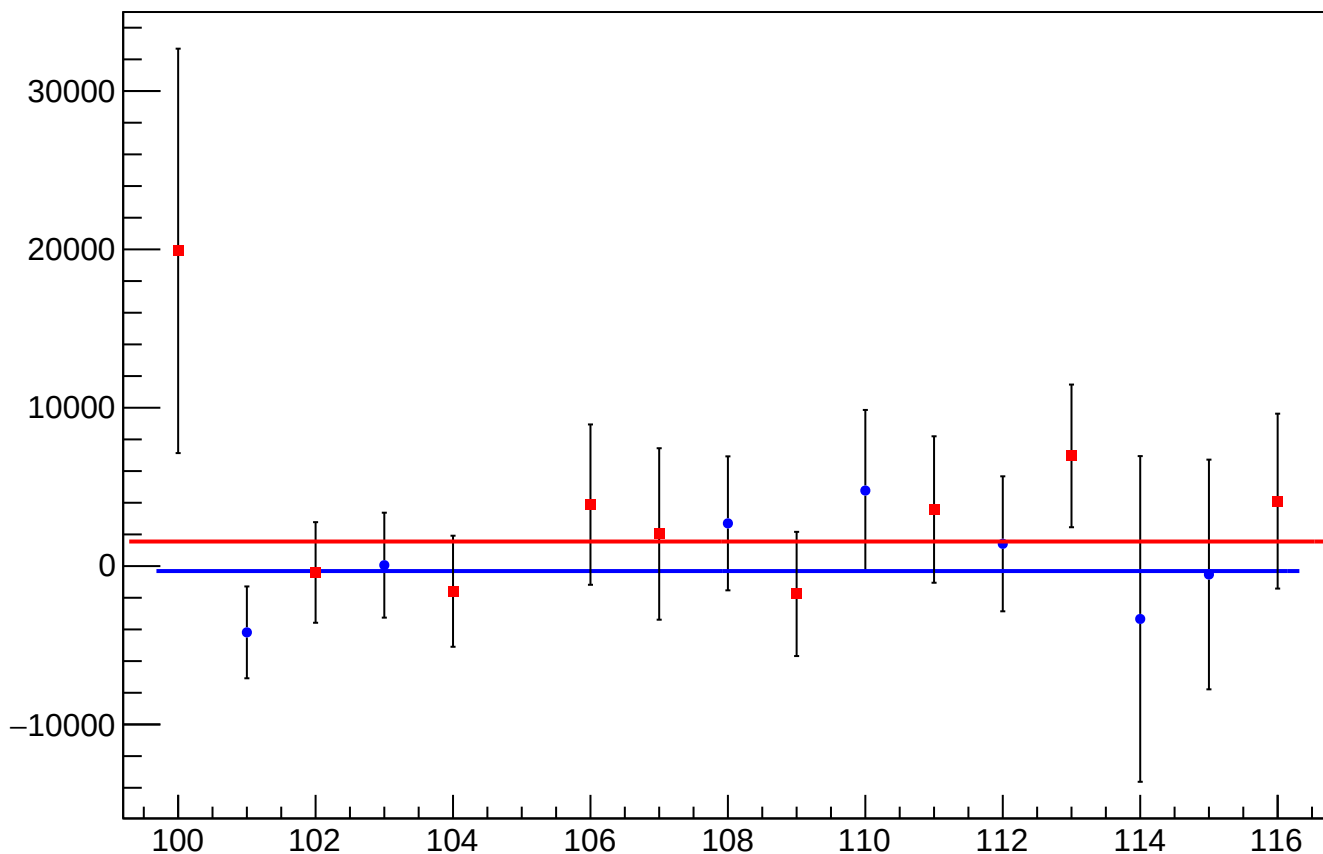
Right: 268.742 $\pm$ 0.076 χ^2 /NDF: 66337.6/15

In: 272.849 $\pm$ 0.116 χ^2 /NDF: 25744.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 268.742 $\pm$ 0.076 χ^2 /NDF: 66337.6/15

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -313.323+/-1605.468 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1551.821+/-1484.954 χ^2/NDF : 6.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

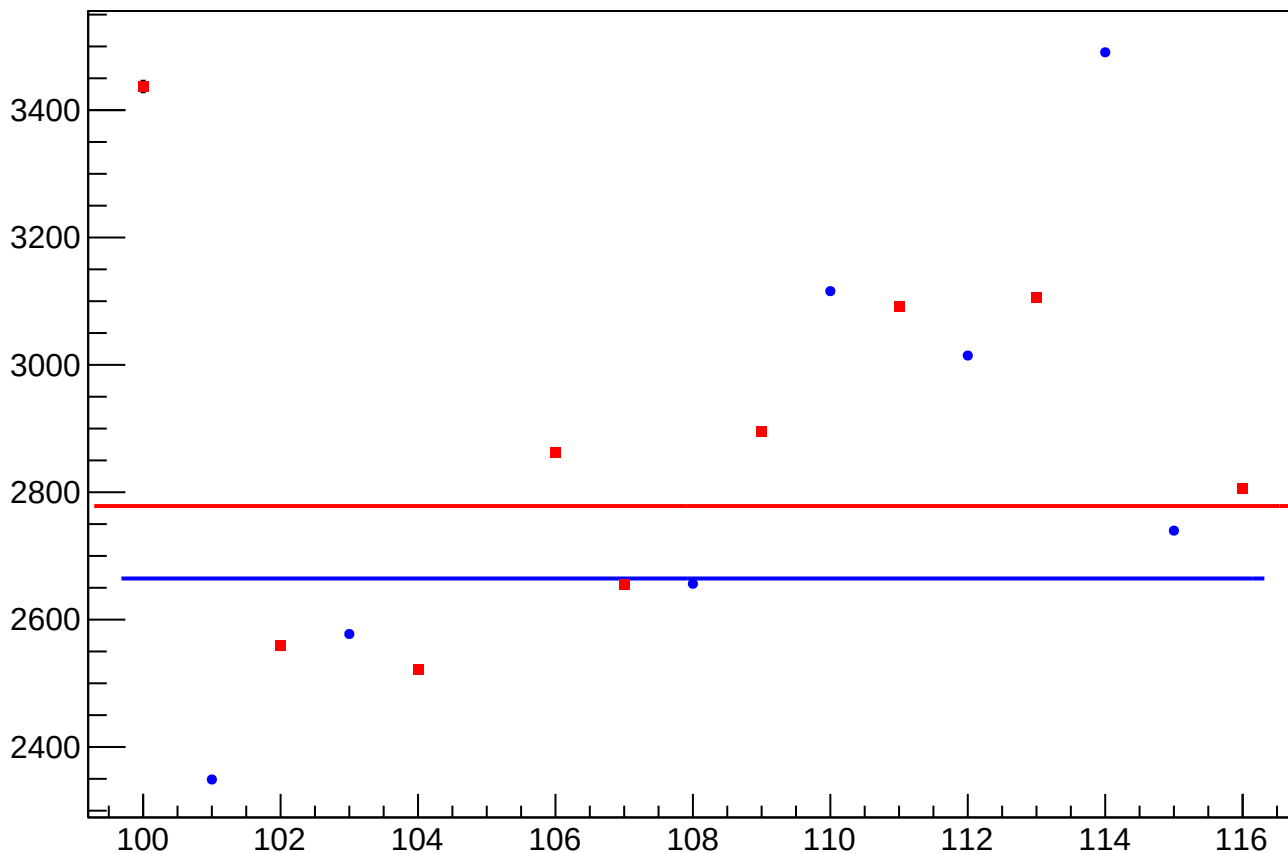
Right: 691.872+/-1090.139 χ^2/NDF : 10.3/15

In: -313.323+/-1605.468 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.872+/-1090.139 χ^2/NDF : 10.3/15

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2664.574+/-1.135 χ^2/NDF : 67416.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2778.314+/-1.050 χ^2/NDF : 48553.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

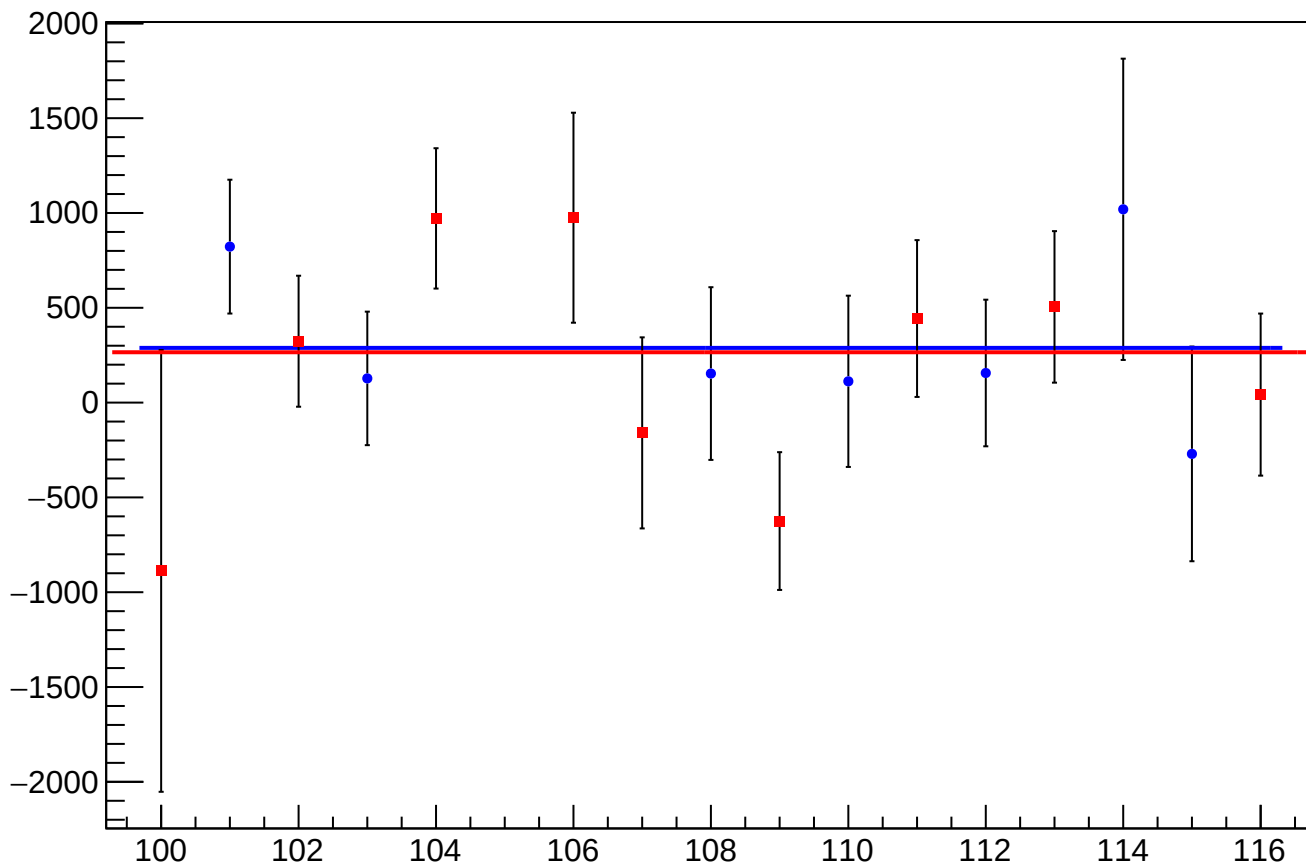
Right: 2725.873+/-0.771 χ^2/NDF : 121380.3/15

In: 2664.574+/-1.135 χ^2/NDF : 67416.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2725.873+/-0.771 χ^2/NDF : 121380.3/15

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 288.585 $\pm$ 163.919 χ^2 /NDF: 4.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 265.526 $\pm$ 143.176 χ^2 /NDF: 13.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

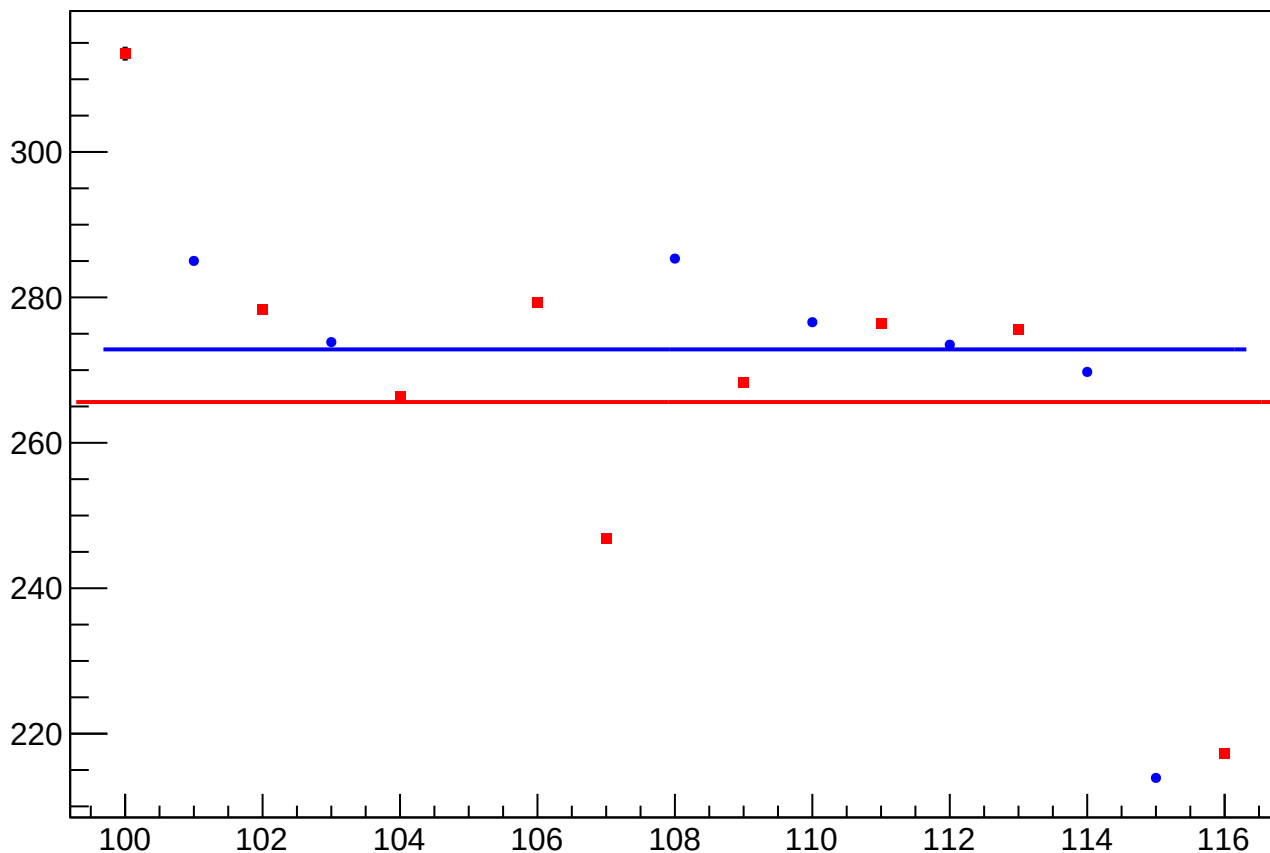
Right: 275.505 $\pm$ 107.833 χ^2 /NDF: 18.5/15

In: 288.585 $\pm$ 163.919 χ^2 /NDF:4.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 275.505 $\pm$ 107.833 χ^2 /NDF: 18.5/15

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 272.847 $\pm$ 0.116 χ^2 /NDF: 25743.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 265.607 $\pm$ 0.101 χ^2 /NDF: 38376.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

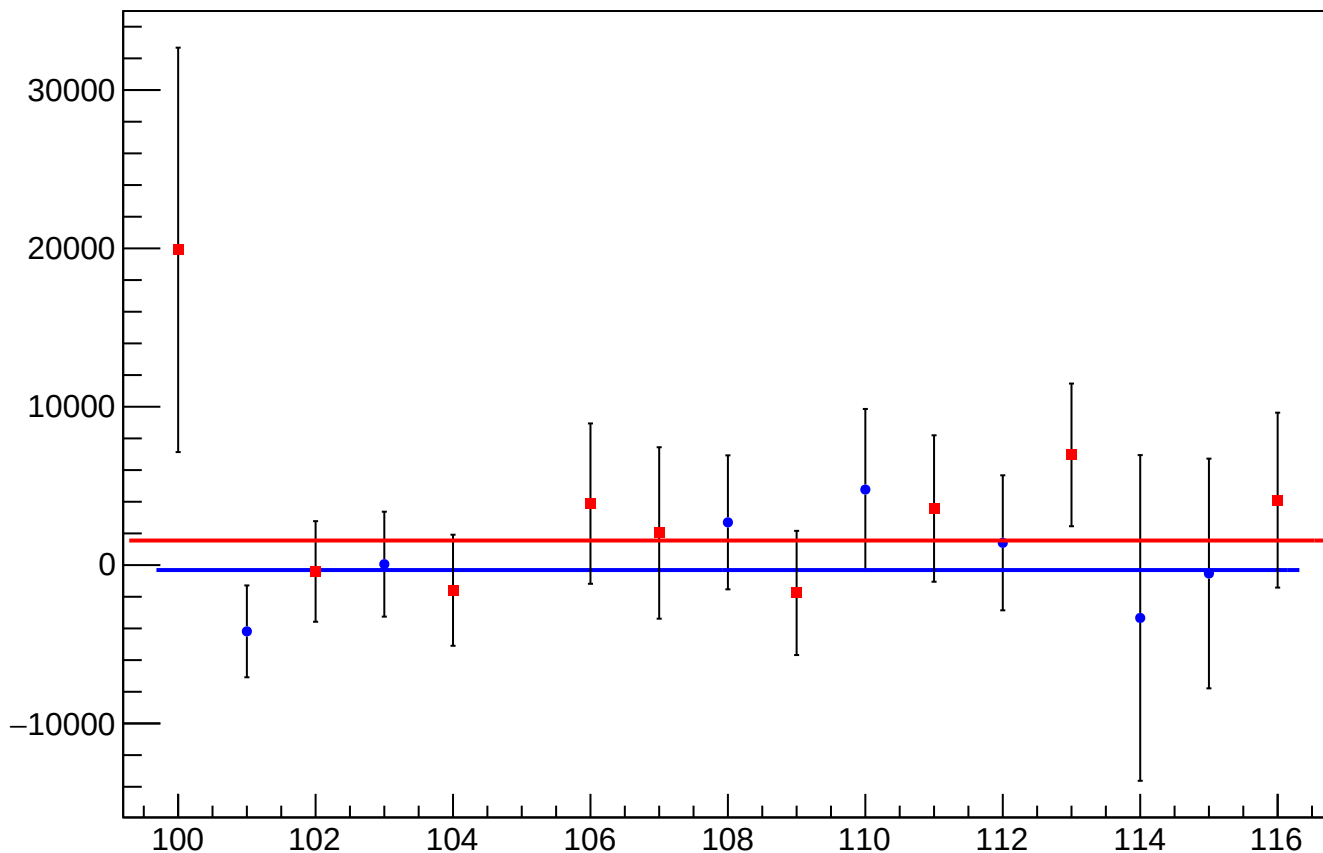
Right: 268.740 $\pm$ 0.076 χ^2 /NDF: 66332.9/15

In: 272.847 $\pm$ 0.116 χ^2 /NDF:25743.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 268.740 $\pm$ 0.076 χ^2 /NDF: 66332.9/15

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -313.323+/-1605.464 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1551.817+/-1484.949 χ^2/NDF : 6.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

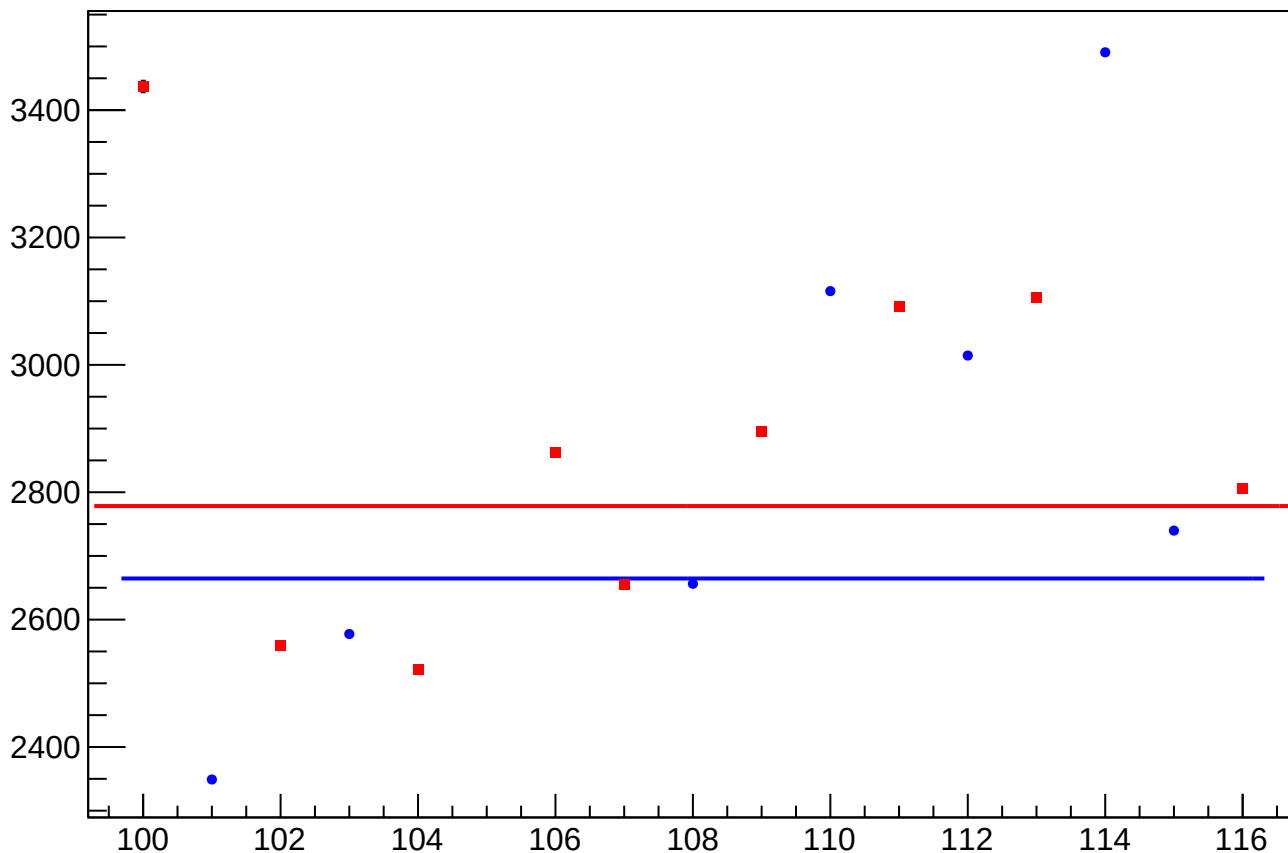
Right: 691.870+/-1090.136 χ^2/NDF : 10.3/15

In: -313.323+/-1605.464 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.870+/-1090.136 χ^2/NDF : 10.3/15

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2664.567+/-1.135 χ^2/NDF : 67415.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2778.307+/-1.050 χ^2/NDF : 48553.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

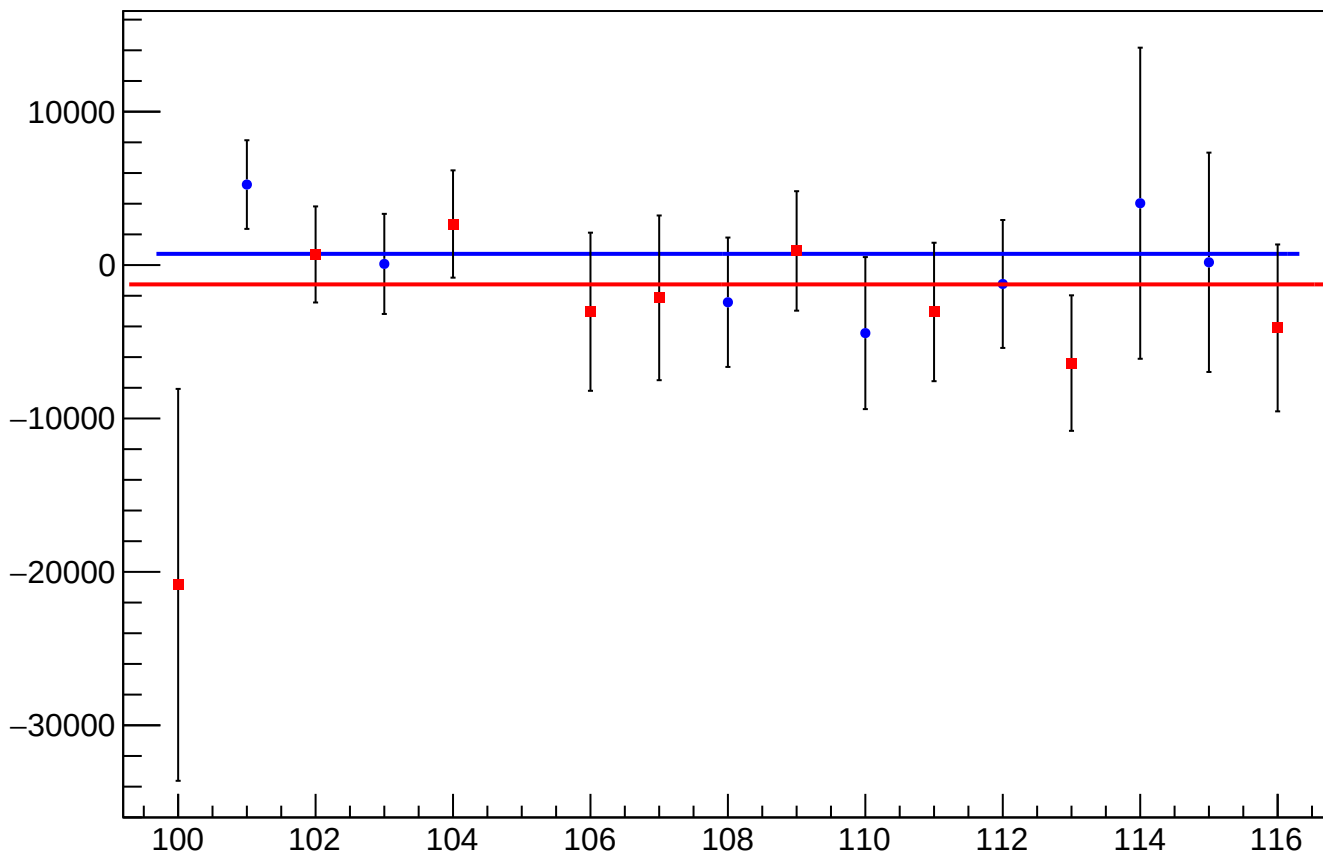
Right: 2725.866+/-0.771 χ^2/NDF : 121378.2/15

In: 2664.567+/-1.135 χ^2/NDF : 67415.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2725.866+/-0.771 χ^2/NDF : 121378.2/15

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 731.442+/-1586.190 χ^2 /NDF: 4.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1259.264+/-1470.719 χ^2 /NDF: 6.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

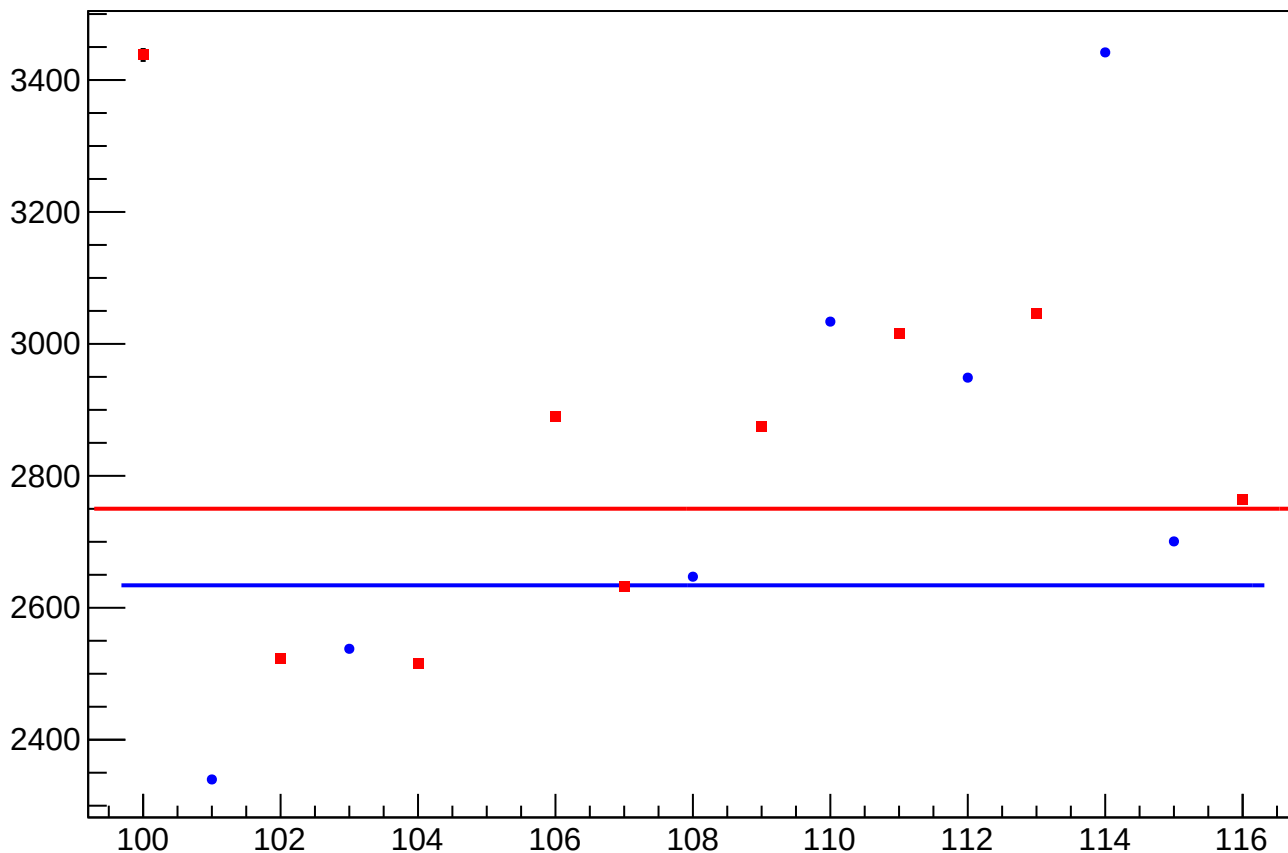
Right: -339.000+/-1078.469 χ^2 /NDF: 11.6/15

In: 731.442+/-1586.190 χ^2 /NDF:4.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -339.000+/-1078.469 χ^2 /NDF: 11.6/15

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2634.051+/-1.122 χ^2/NDF : 59777.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2750.167+/-1.040 χ^2/NDF : 45671.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

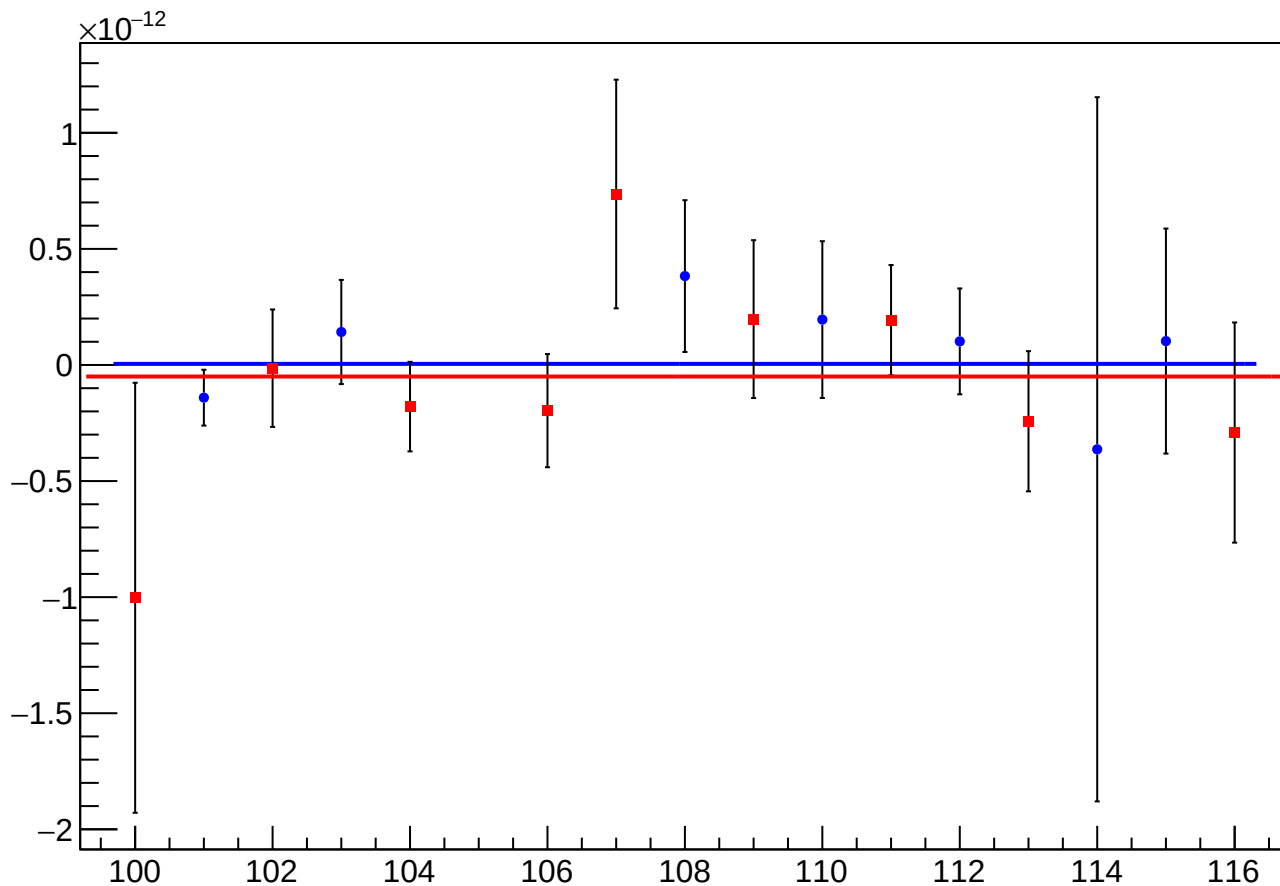
Right: 2696.489+/-0.763 χ^2/NDF : 111212.1/15

In: 2634.051+/-1.122 χ^2/NDF : 59777.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2696.489+/-0.763 χ^2/NDF : 111212.1/15

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 3.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 6.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

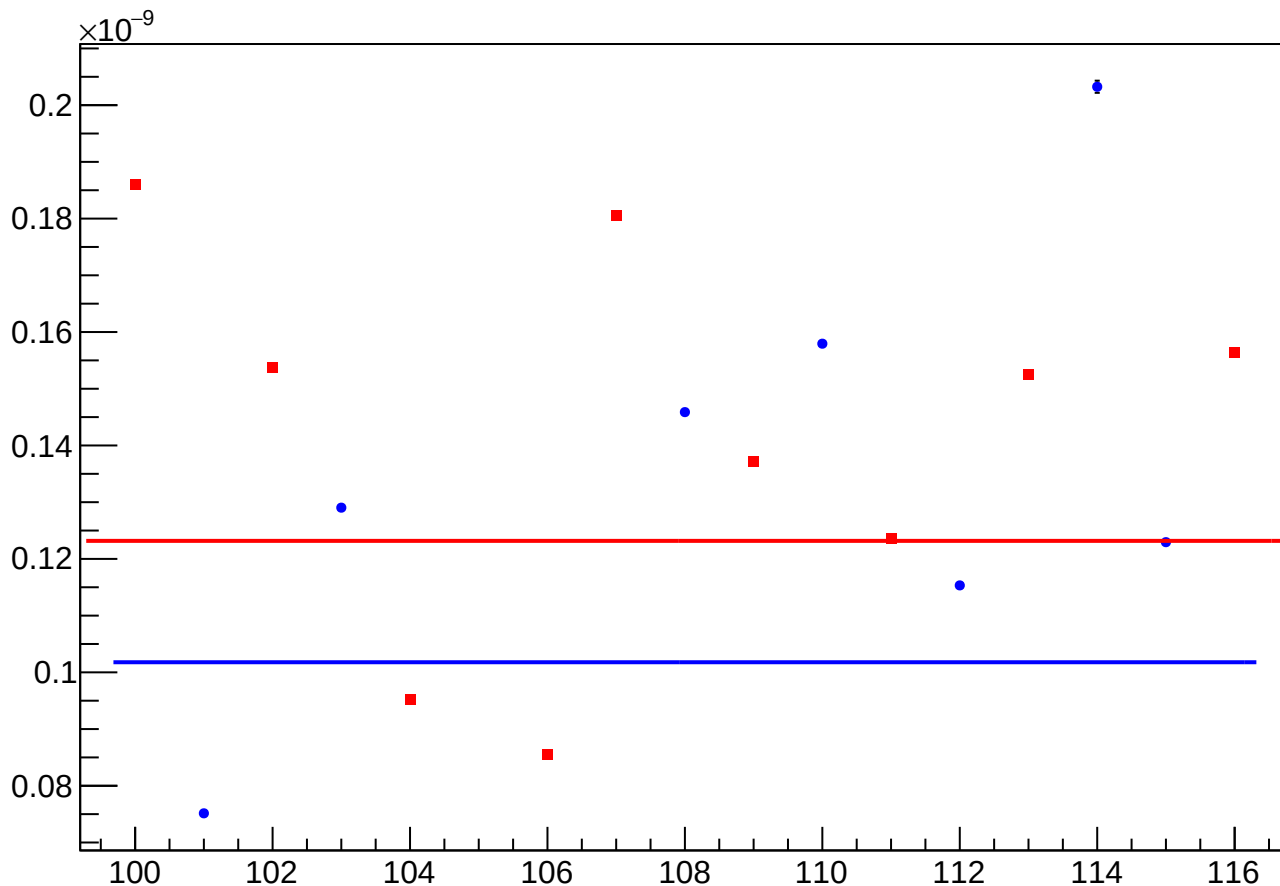
Right: -0.000 ± 0.000 χ^2/NDF : 10.6/15

In: 0.000 ± 0.000 χ^2/NDF : 3.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 10.6/15

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 239160.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 187446.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

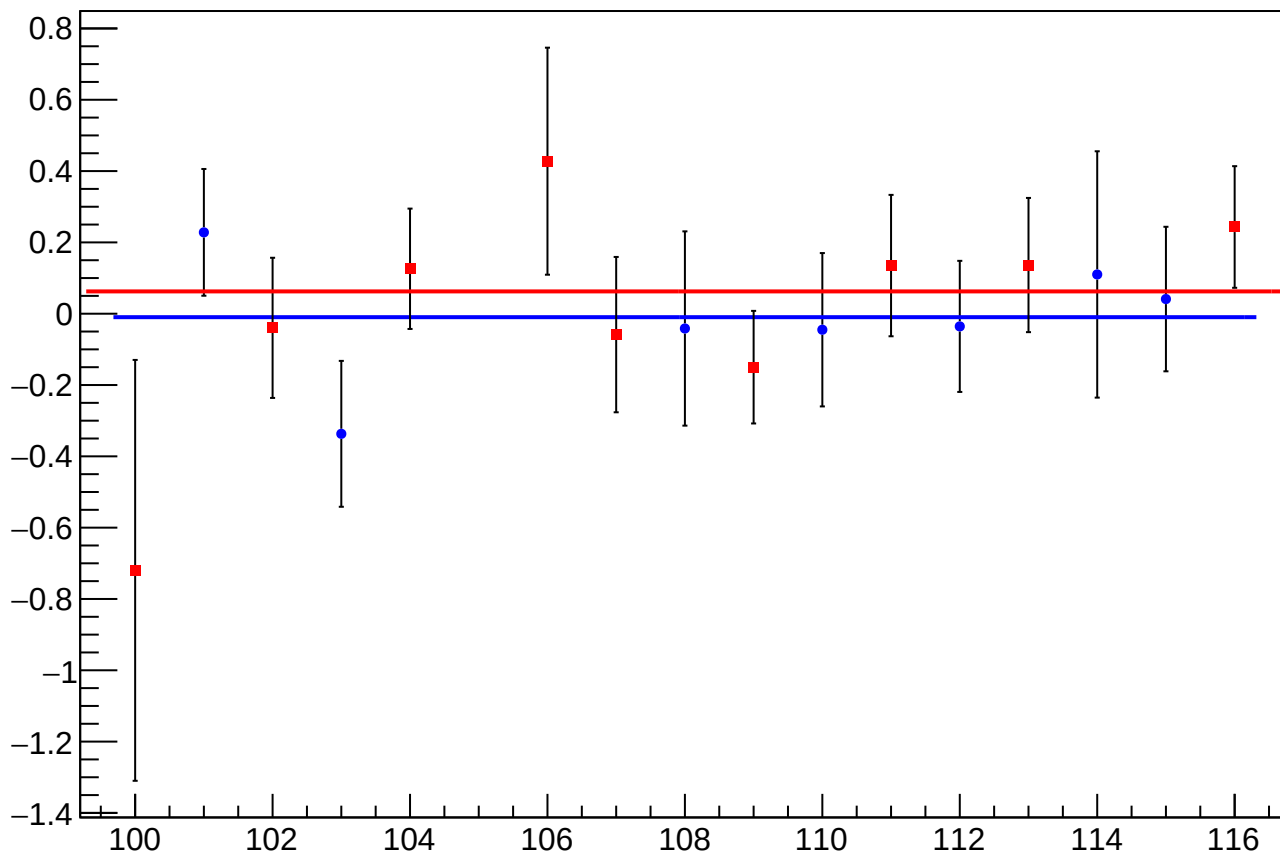
Right: 0.000+/-0.000 χ^2/NDF : 480413.5/15

In: 0.000+/-0.000 χ^2/NDF : 239160.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 480413.5/15

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 χ^2/NDF : 4.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.063 ± 0.067 χ^2/NDF : 7.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

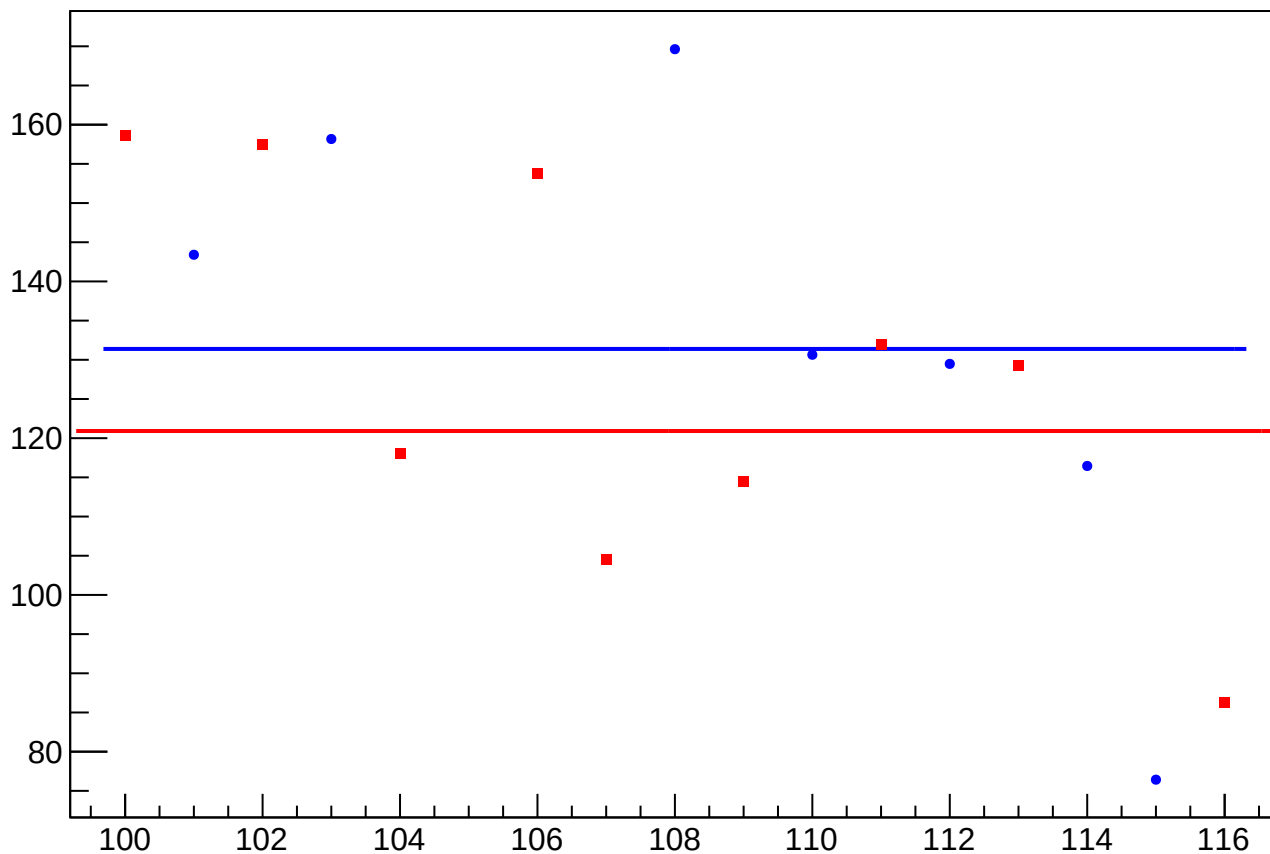
Right: 0.033 ± 0.052 χ^2/NDF : 12.1/15

In: -0.010 ± 0.081 χ^2/NDF : 4.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.052 χ^2/NDF : 12.1/15

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.386+/-0.057 χ^2/NDF : 233920.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.914+/-0.047 χ^2/NDF : 206574.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

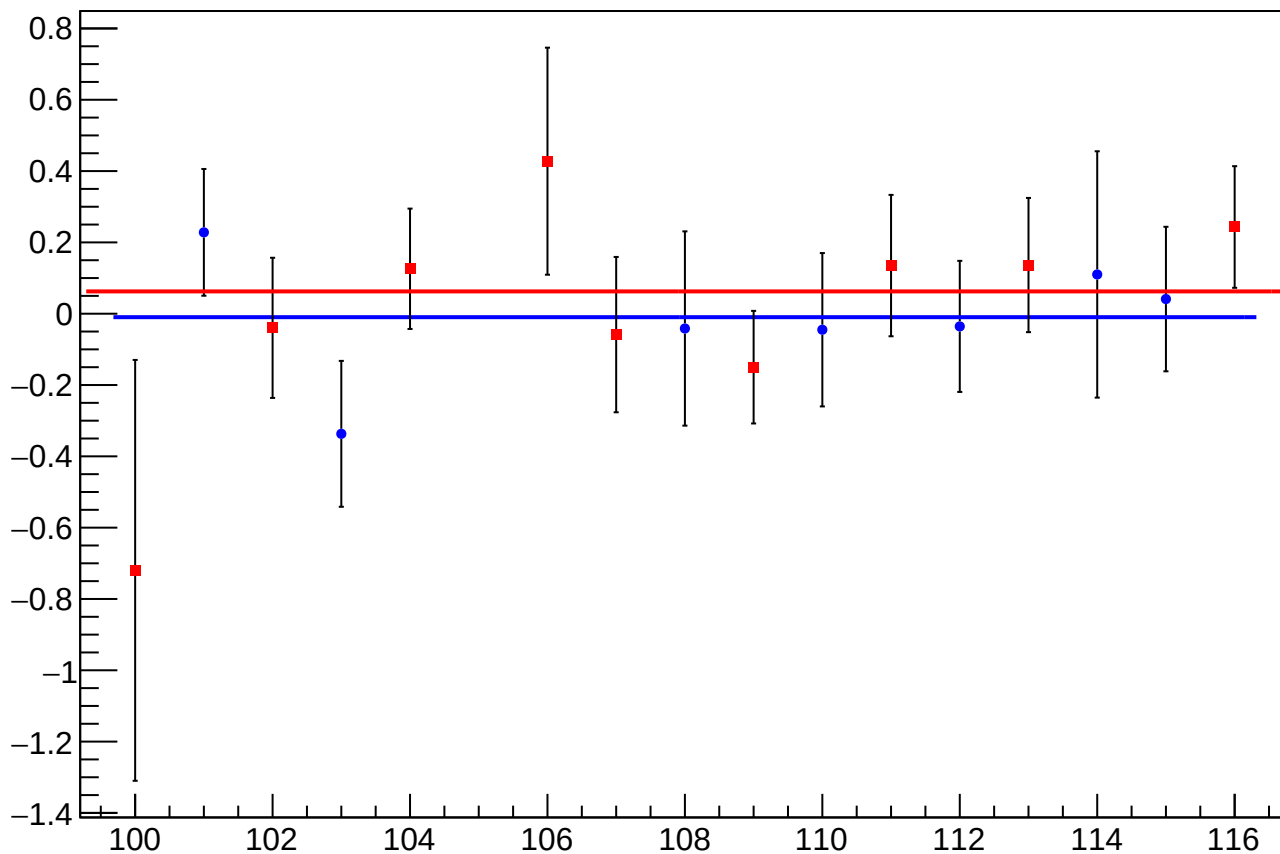
Right: 125.175+/-0.036 χ^2/NDF : 460395.7/15

In: 131.386+/-0.057 χ^2/NDF : 233920.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.175+/-0.036 χ^2/NDF : 460395.7/15

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.081 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.063 $\pm$ 0.067 χ^2 /NDF: 7.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

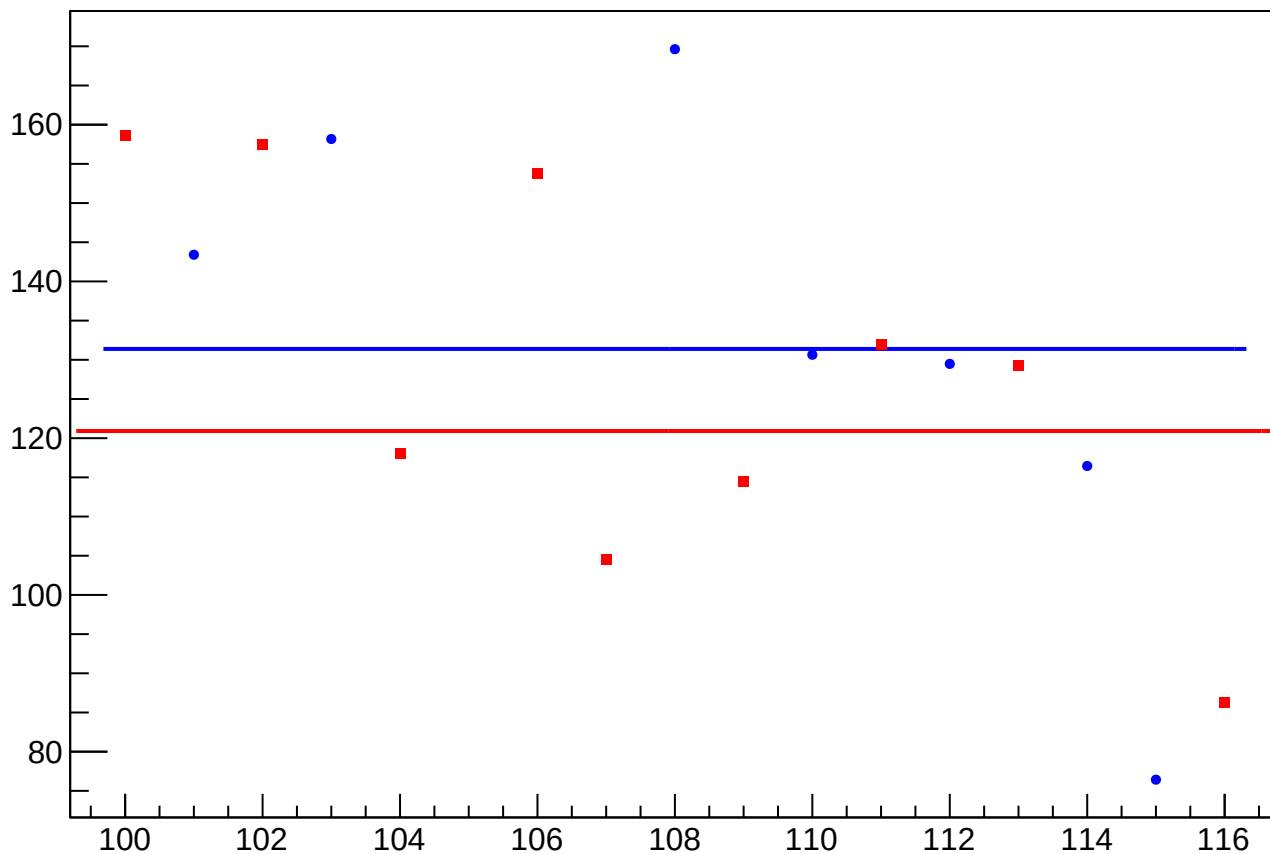
Right: 0.033 $\pm$ 0.052 χ^2 /NDF: 12.1/15

In: -0.010 $\pm$ 0.081 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.052 χ^2 /NDF: 12.1/15

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.386+/-0.057 χ^2/NDF : 233920.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.914+/-0.047 χ^2/NDF : 206574.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

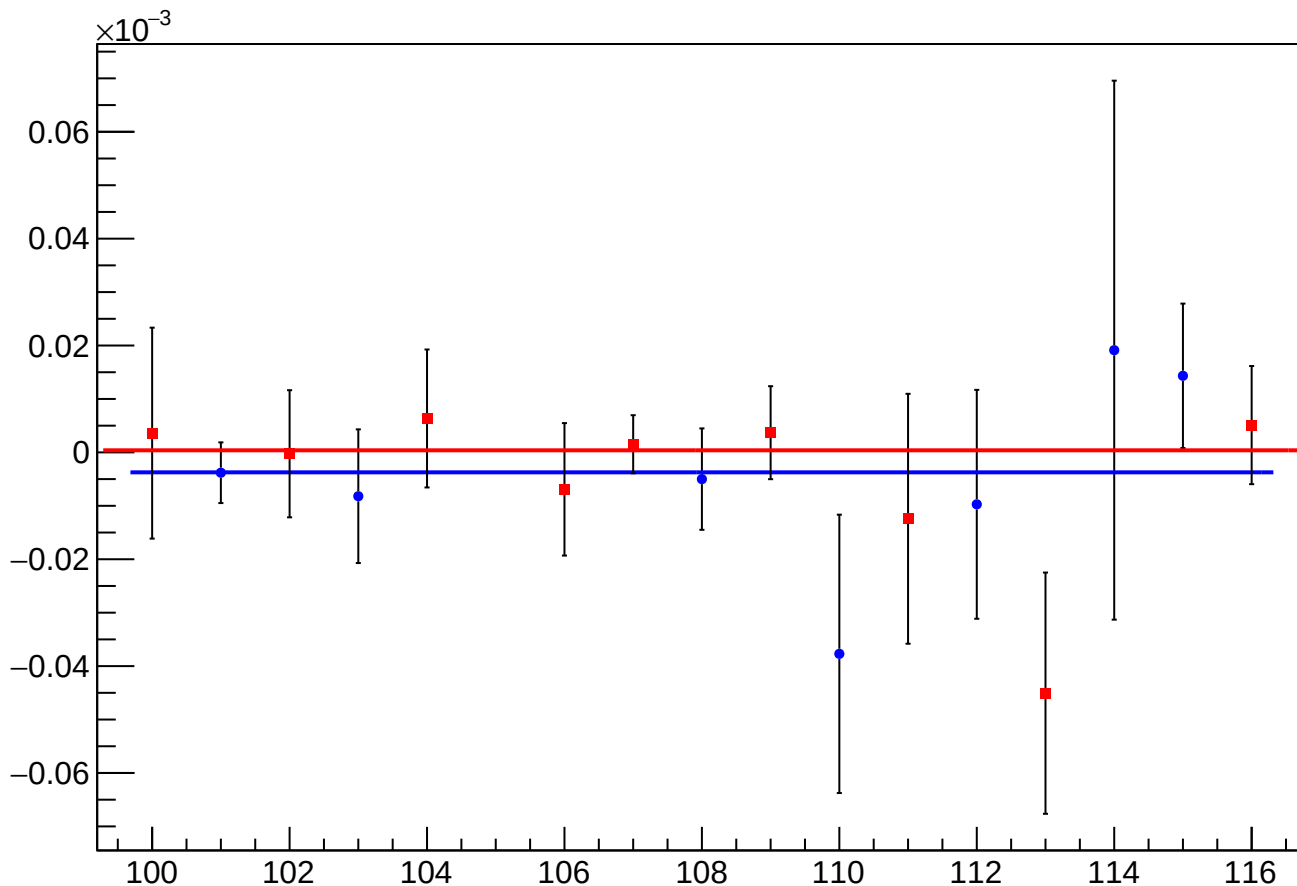
Right: 125.175+/-0.036 χ^2/NDF : 460395.7/15

In: 131.386+/-0.057 χ^2/NDF : 233920.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.175+/-0.036 χ^2/NDF : 460395.7/15

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

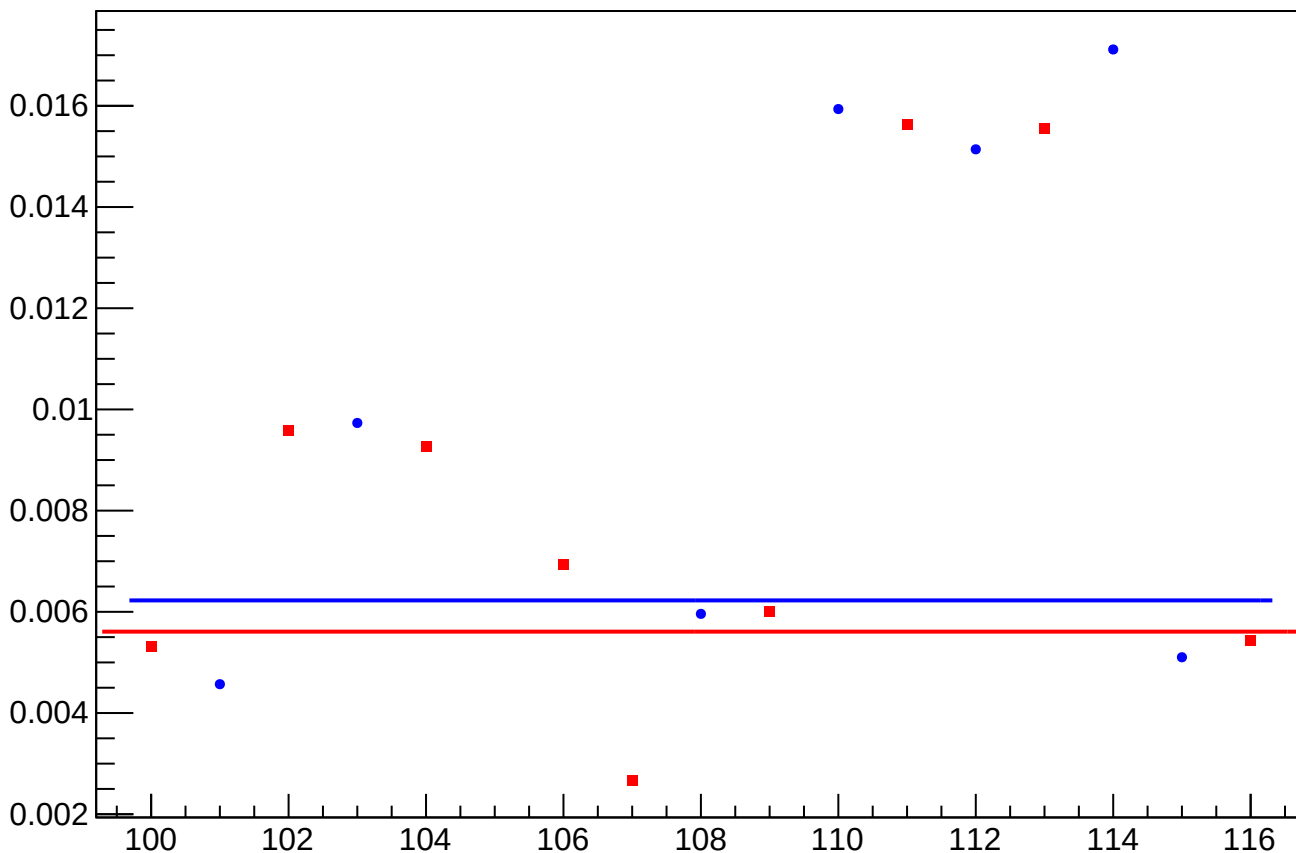
Right: -0.000+/-0.000 χ^2/NDF : 9.8/15

In: -0.000+/-0.000 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.8/15

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006 ± 0.000 χ^2/NDF : 1060118.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.000 χ^2/NDF : 1754411.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

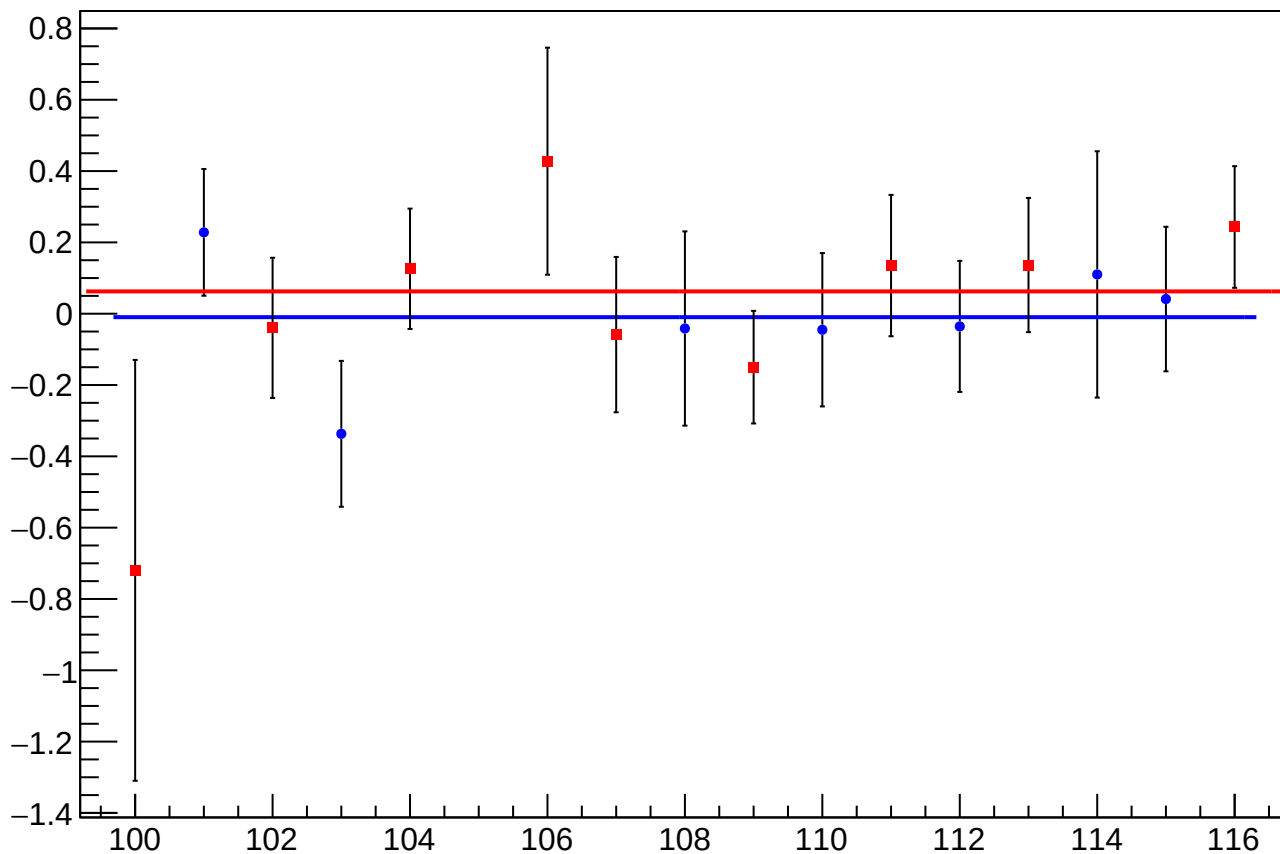
Right: 0.006 ± 0.000 χ^2/NDF : 2840315.3/15

In: 0.006 ± 0.000 χ^2/NDF : 1060118.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.000 χ^2/NDF : 2840315.3/15

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.081 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.063 $\pm$ 0.067 χ^2 /NDF: 7.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

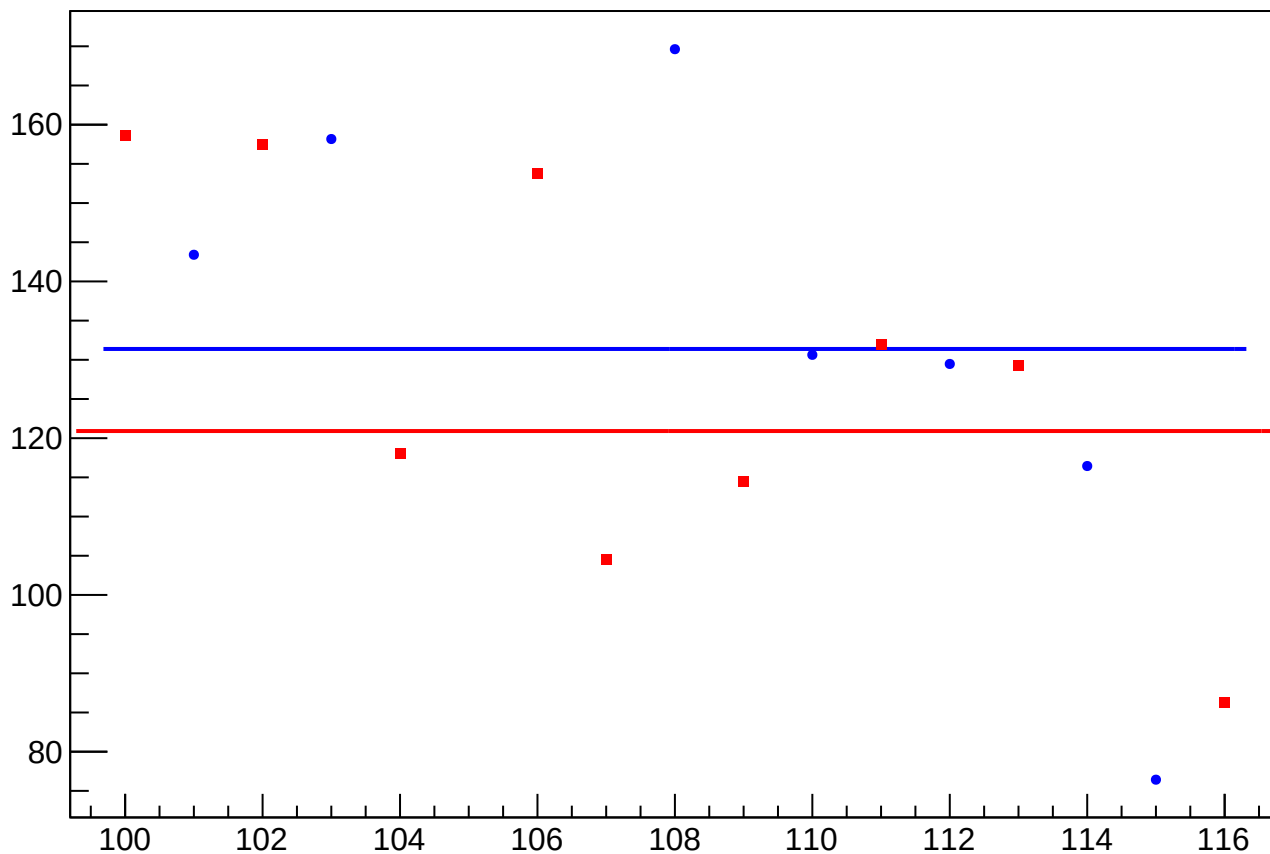
Right: 0.033 $\pm$ 0.052 χ^2 /NDF: 12.1/15

In: -0.010 $\pm$ 0.081 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.052 χ^2 /NDF: 12.1/15

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.383+/-0.057 χ^2/NDF : 233901.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.911+/-0.047 χ^2/NDF : 206554.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

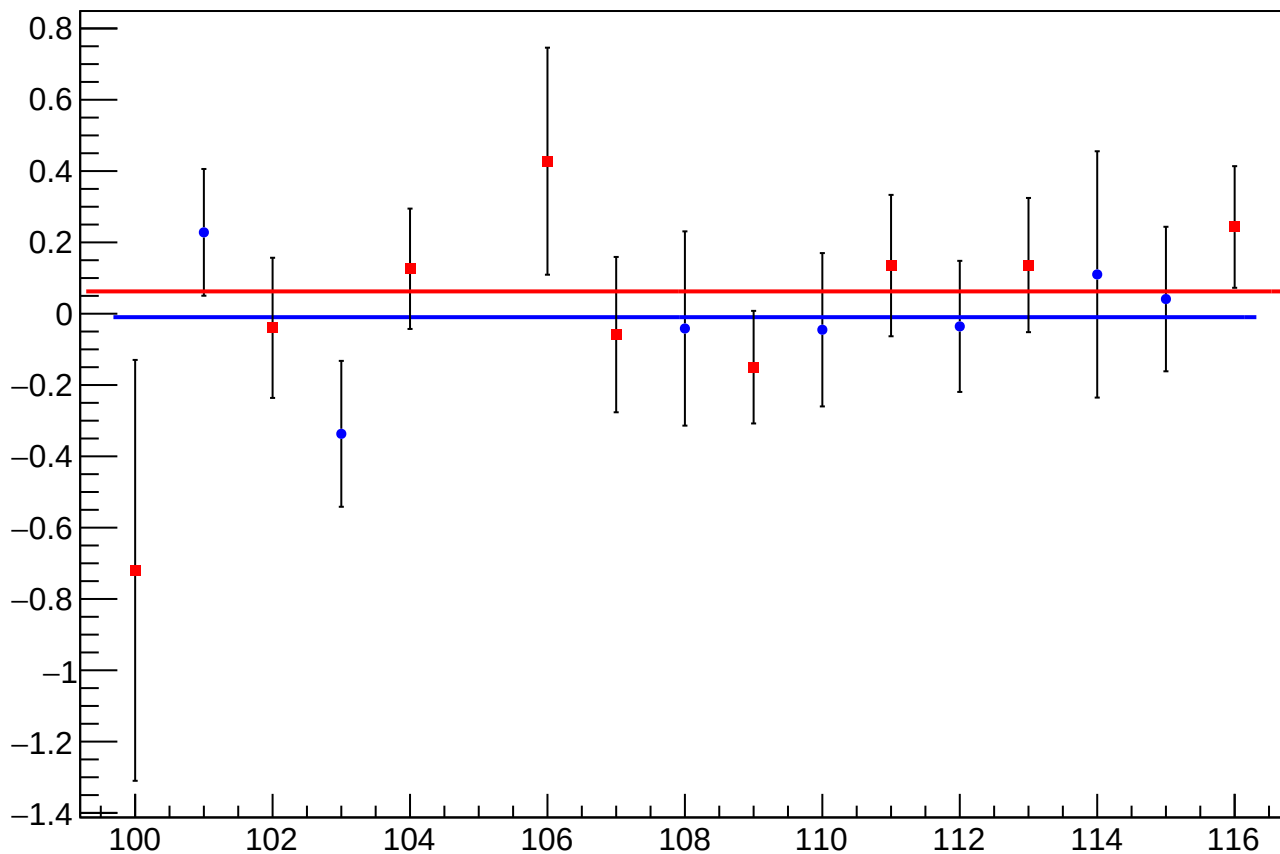
Right: 125.172+/-0.036 χ^2/NDF : 460355.8/15

In: 131.383+/-0.057 χ^2/NDF : 233901.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.172+/-0.036 χ^2/NDF : 460355.8/15

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.081 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.063 $\pm$ 0.067 χ^2 /NDF: 7.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

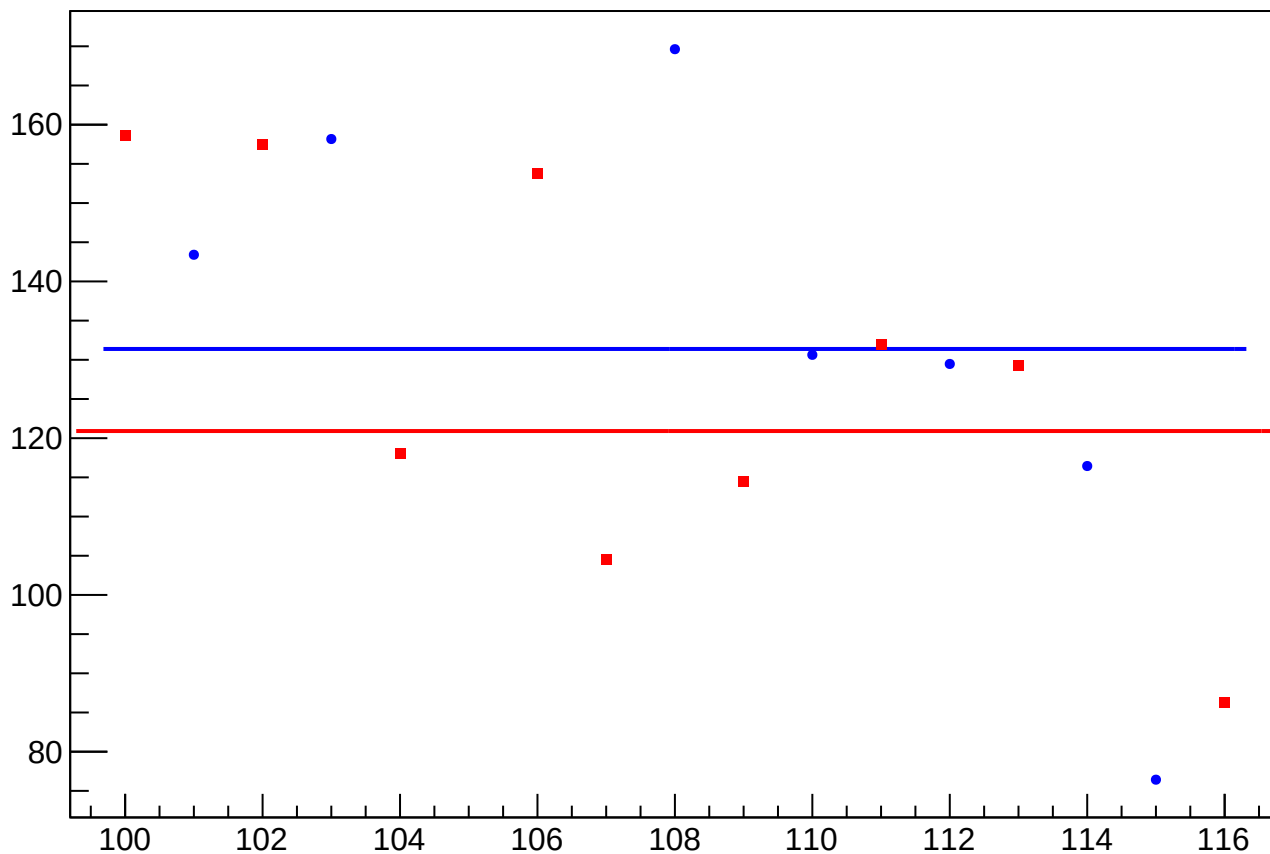
Right: 0.033 $\pm$ 0.052 χ^2 /NDF: 12.1/15

In: -0.010 $\pm$ 0.081 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.052 χ^2 /NDF: 12.1/15

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.383+/-0.057 χ^2/NDF : 233901.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.911+/-0.047 χ^2/NDF : 206554.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

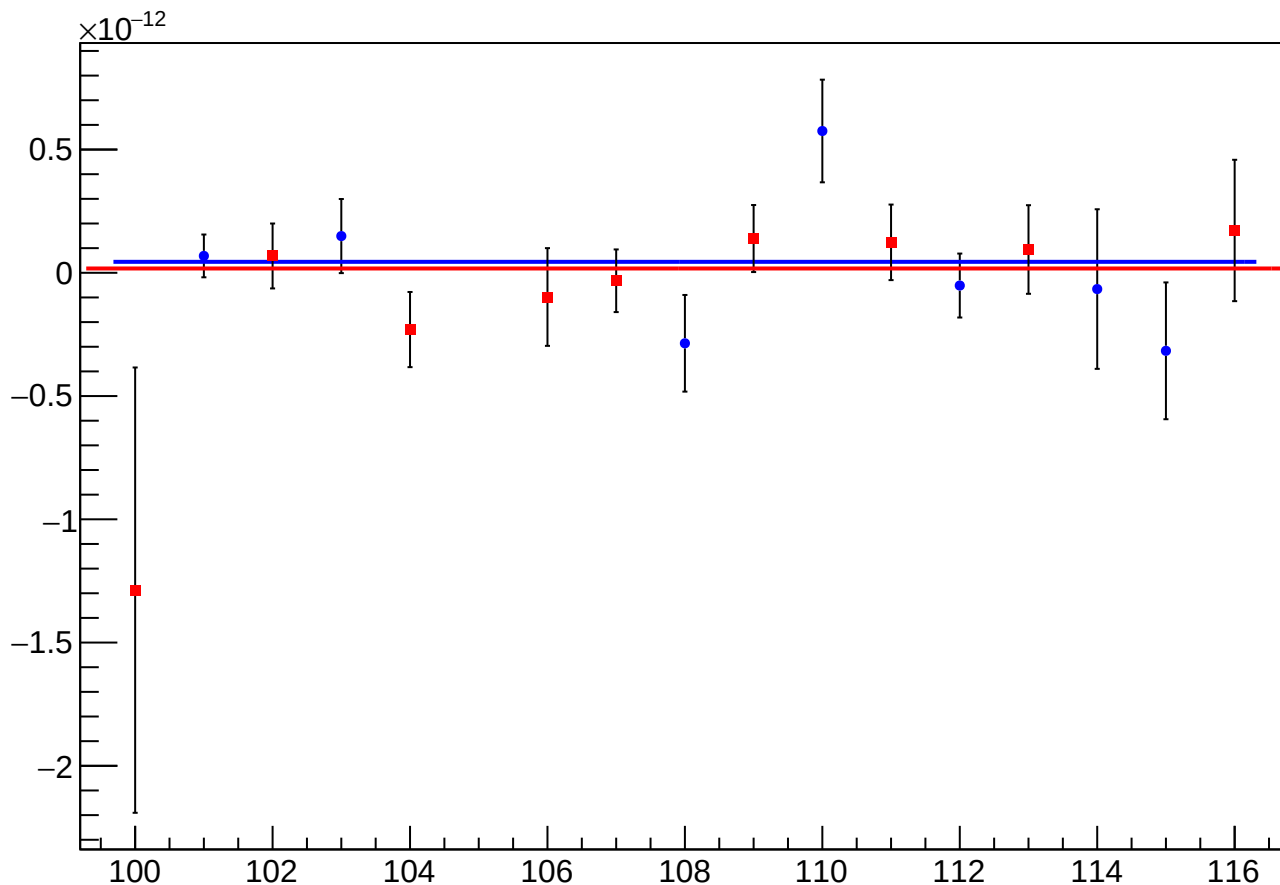
Right: 125.172+/-0.036 χ^2/NDF : 460355.8/15

In: 131.383+/-0.057 χ^2/NDF : 233901.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.172+/-0.036 χ^2/NDF : 460355.8/15

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

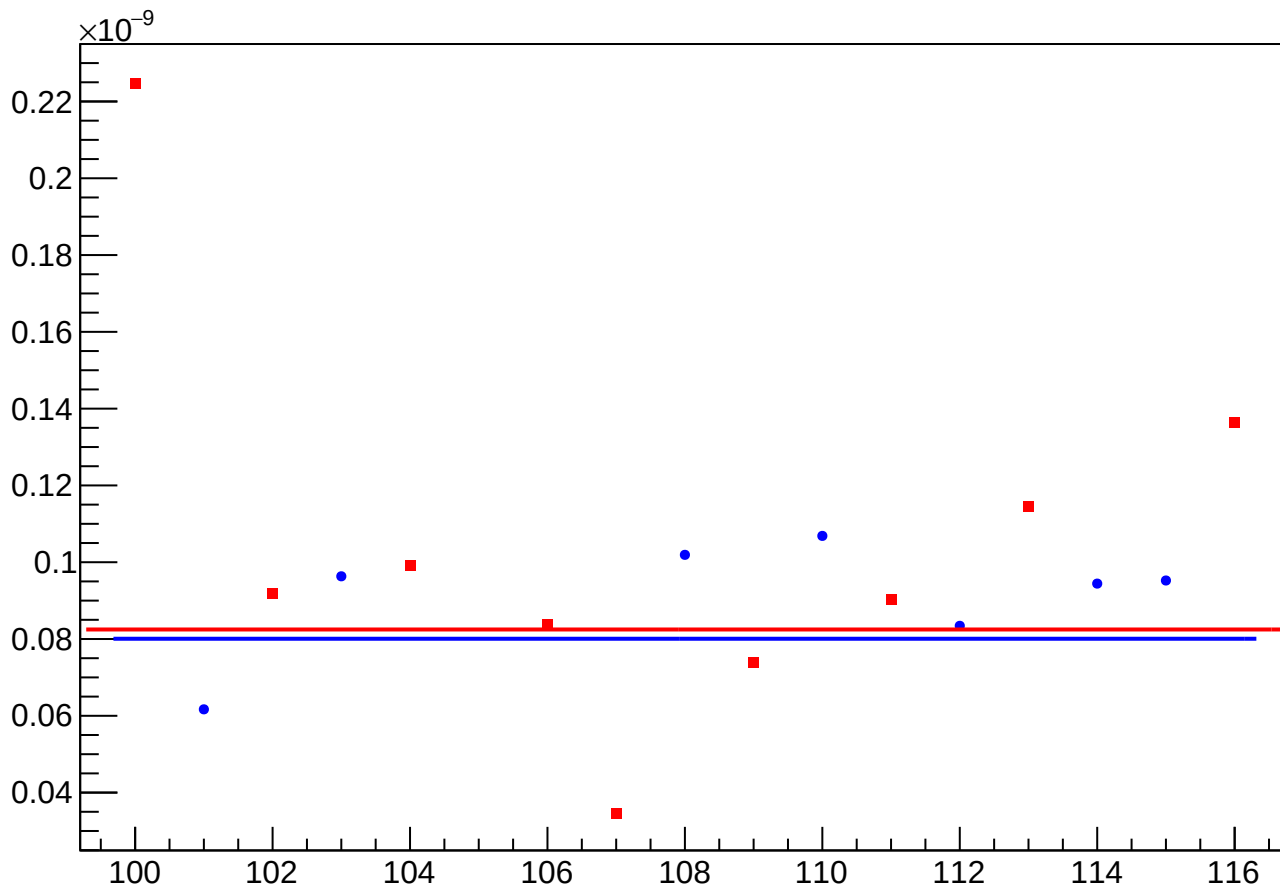
Right: 0.000+/-0.000 χ^2/NDF : 19.5/15

In: 0.000+/-0.000 χ^2/NDF : 12.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/15

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 182385.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 514823.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

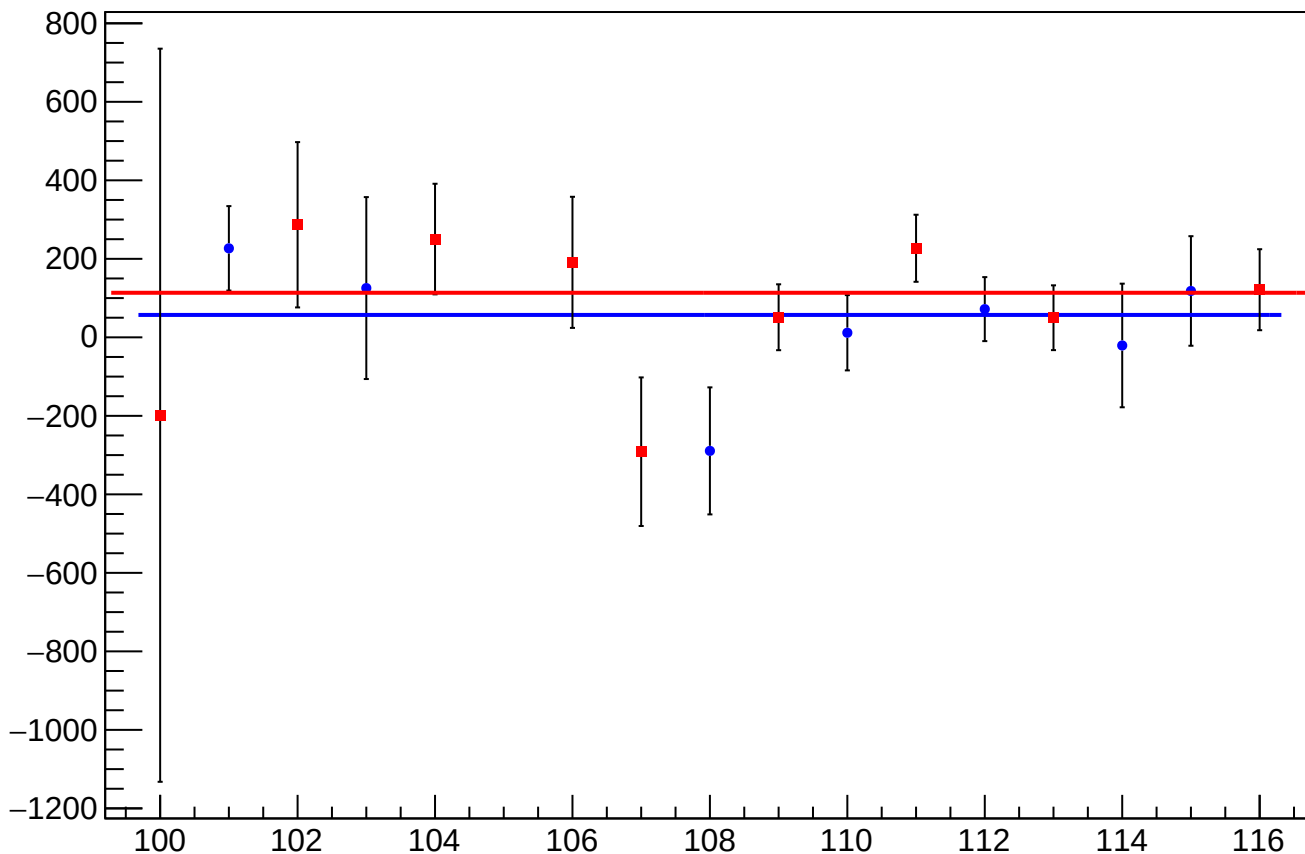
Right: 0.000+/-0.000 χ^2/NDF : 699062.4/15

In: 0.000+/-0.000 χ^2/NDF : 182385.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 699062.4/15

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 57.093+/-44.987 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.549+/-38.996 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

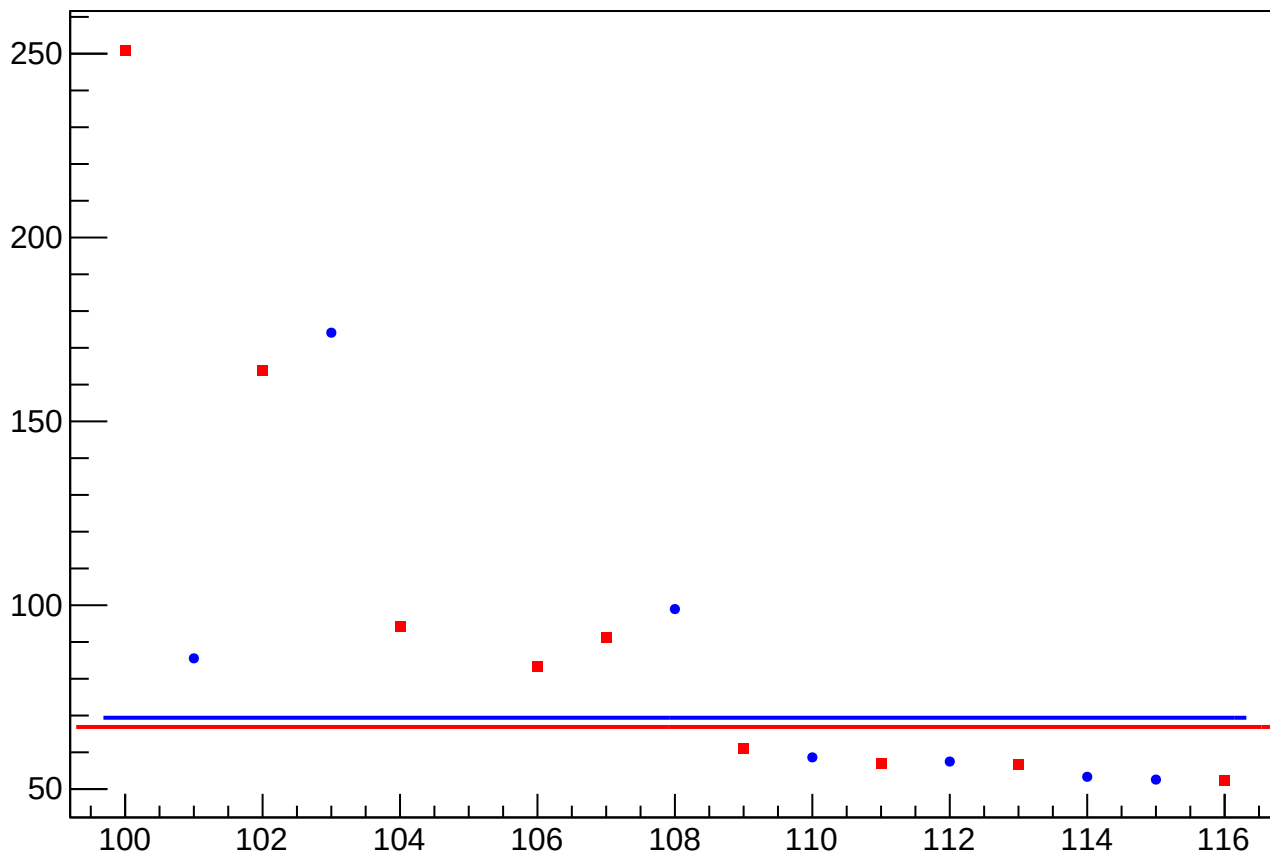
Right: 89.328+/-29.466 χ^2/NDF : 18.2/15

In: 57.093+/-44.987 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.328+/-29.466 χ^2/NDF : 18.2/15

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 69.400 $\pm$ 0.032 χ^2 /NDF: 638038.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.893 $\pm$ 0.028 χ^2 /NDF: 735851.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

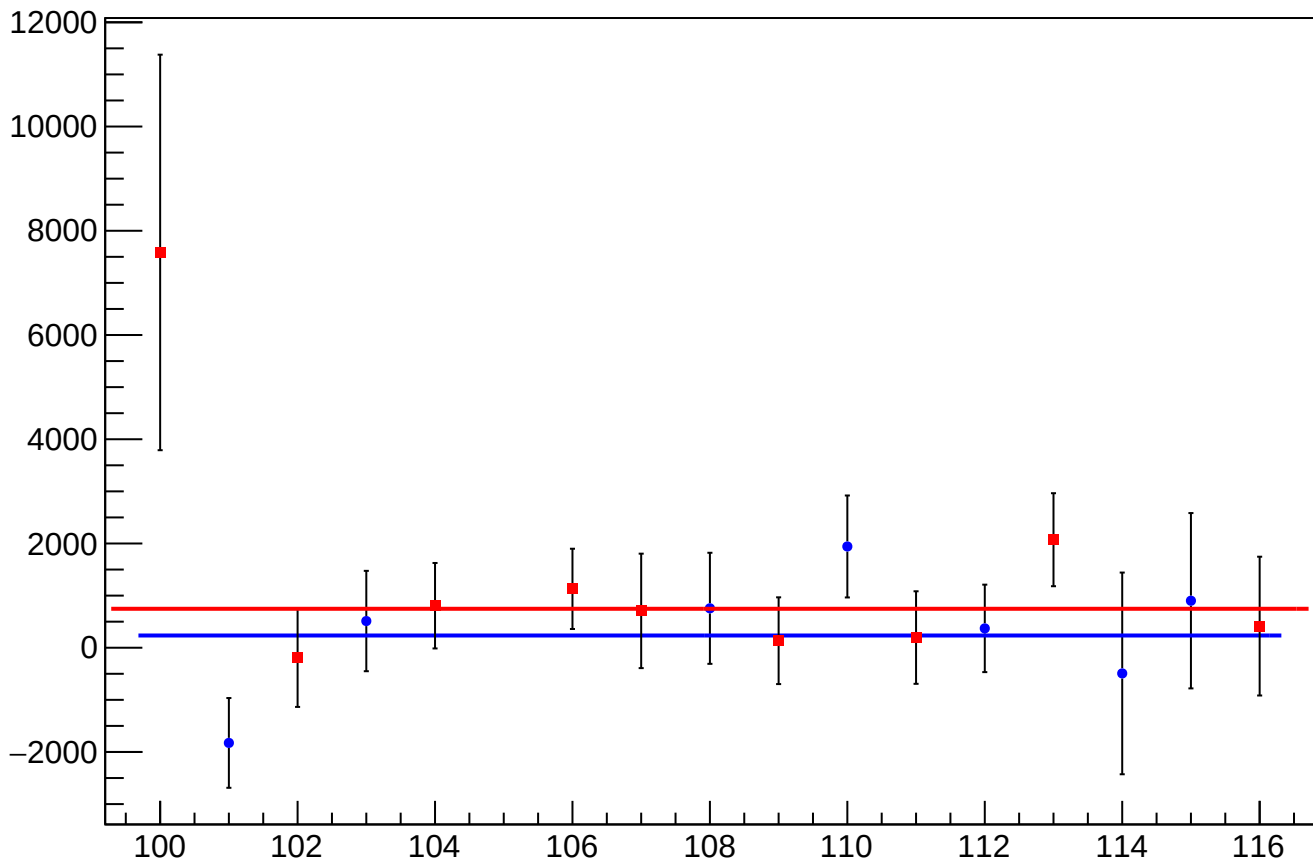
Right: 67.969 $\pm$ 0.021 χ^2 /NDF: 1377435.7/15

In: 69.400 $\pm$ 0.032 χ^2 /NDF: 638038.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.969 $\pm$ 0.021 χ^2 /NDF: 1377435.7/15

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 234.684 $\pm$ 395.478 χ^2 /NDF: 9.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 747.253 $\pm$ 320.470 χ^2 /NDF: 7.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

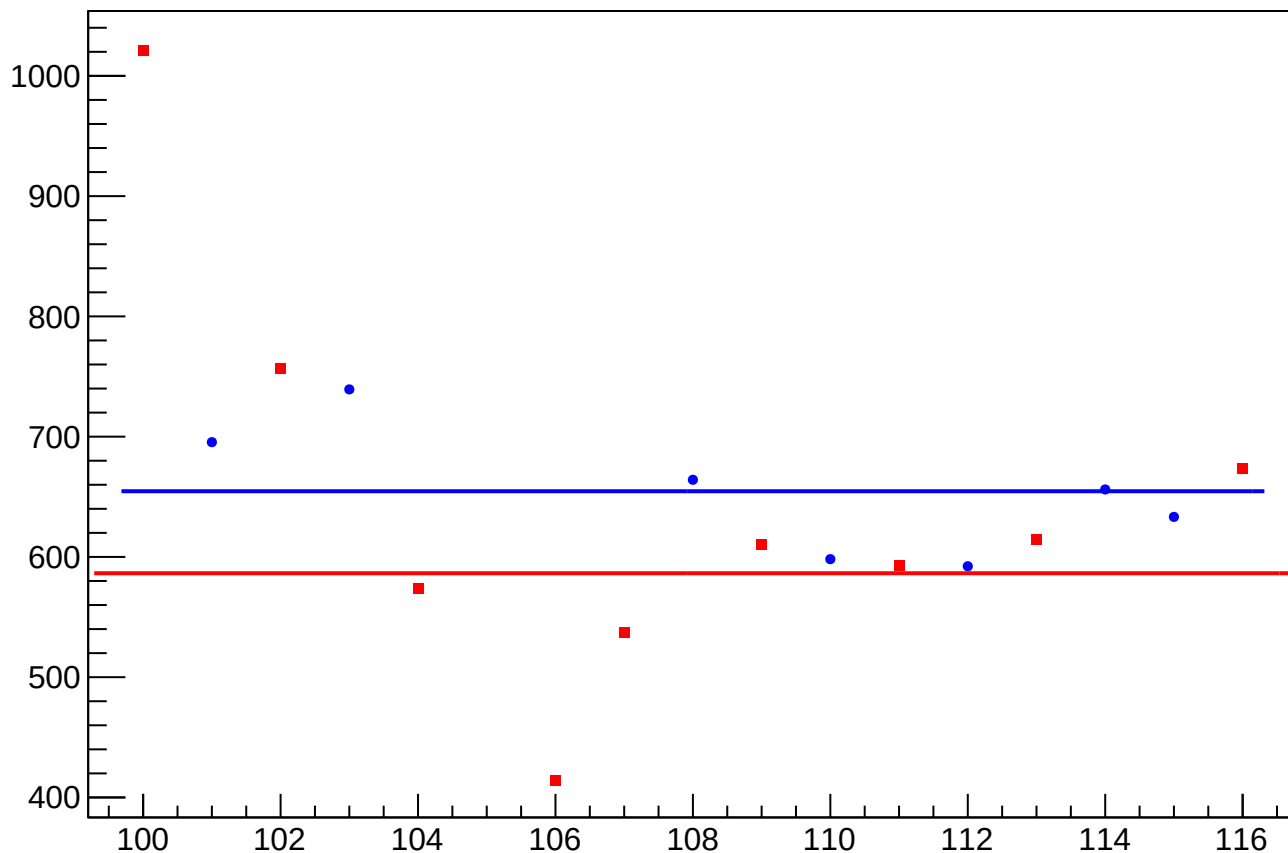
Right: 544.086 $\pm$ 248.985 χ^2 /NDF: 18.1/15

In: 234.684 $\pm$ 395.478 χ^2 /NDF: 9.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 544.086 $\pm$ 248.985 χ^2 /NDF: 18.1/15

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 654.622+/-0.280 χ^2/NDF : 38170.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.429+/-0.227 χ^2/NDF : 208497.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

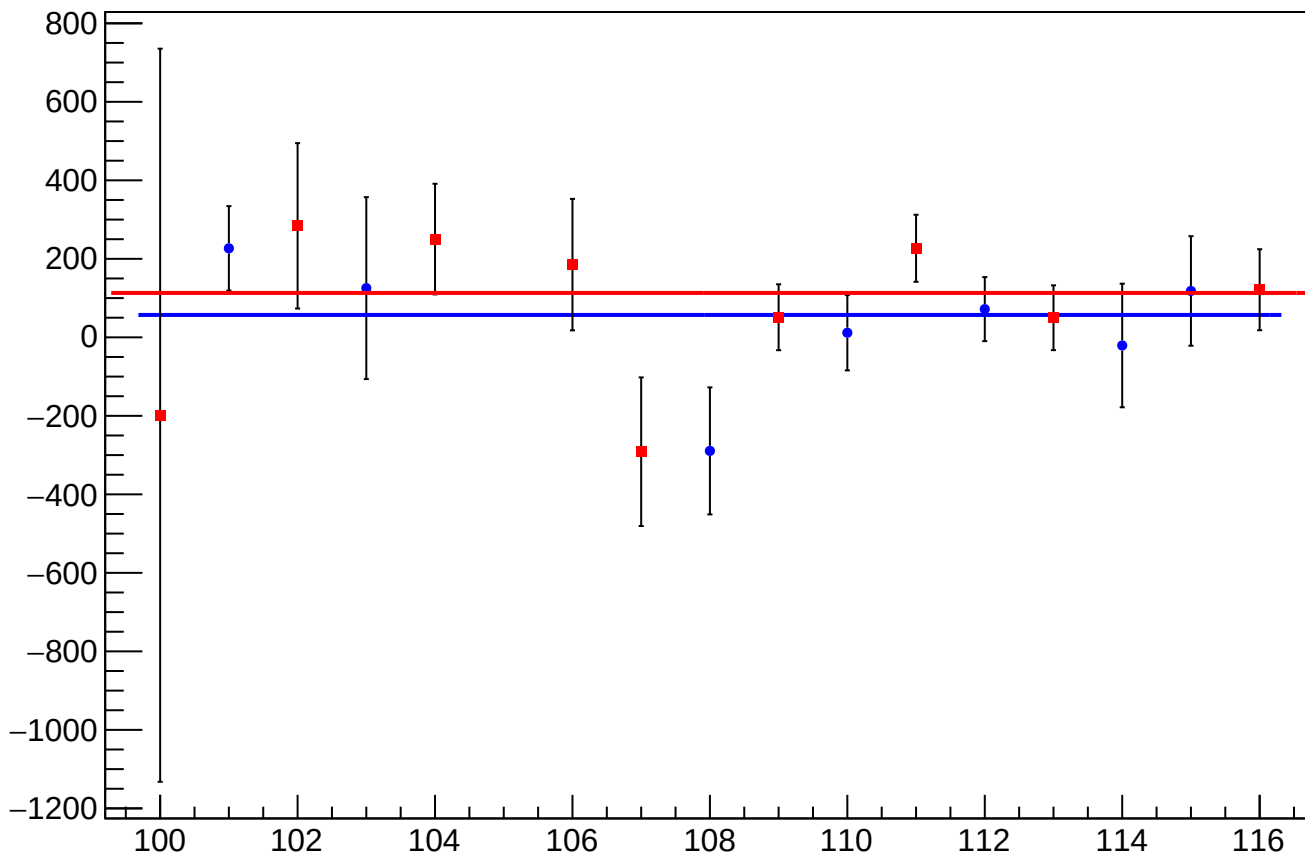
Right: 613.458+/-0.176 χ^2/NDF : 282562.7/15

In: 654.622+/-0.280 χ^2/NDF : 38170.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.458+/-0.176 χ^2/NDF : 282562.7/15

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 57.079+/-44.987 χ^2/NDF : 7.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.101+/-39.002 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

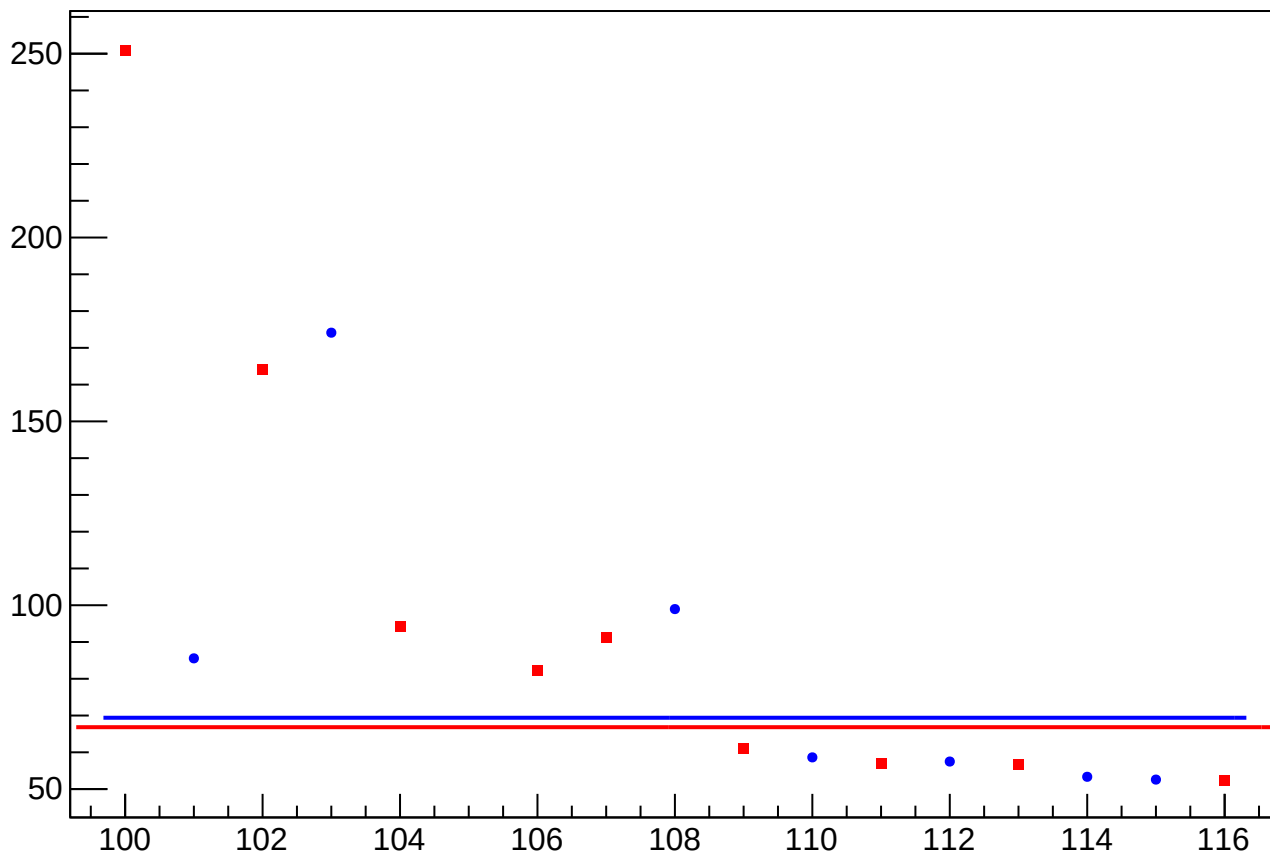
Right: 89.062+/-29.469 χ^2/NDF : 18.1/15

In: 57.079+/-44.987 χ^2/NDF : 7.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.062+/-29.469 χ^2/NDF : 18.1/15

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 69.400+/-0.032 χ^2/NDF : 638040.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.833+/-0.028 χ^2/NDF : 733613.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

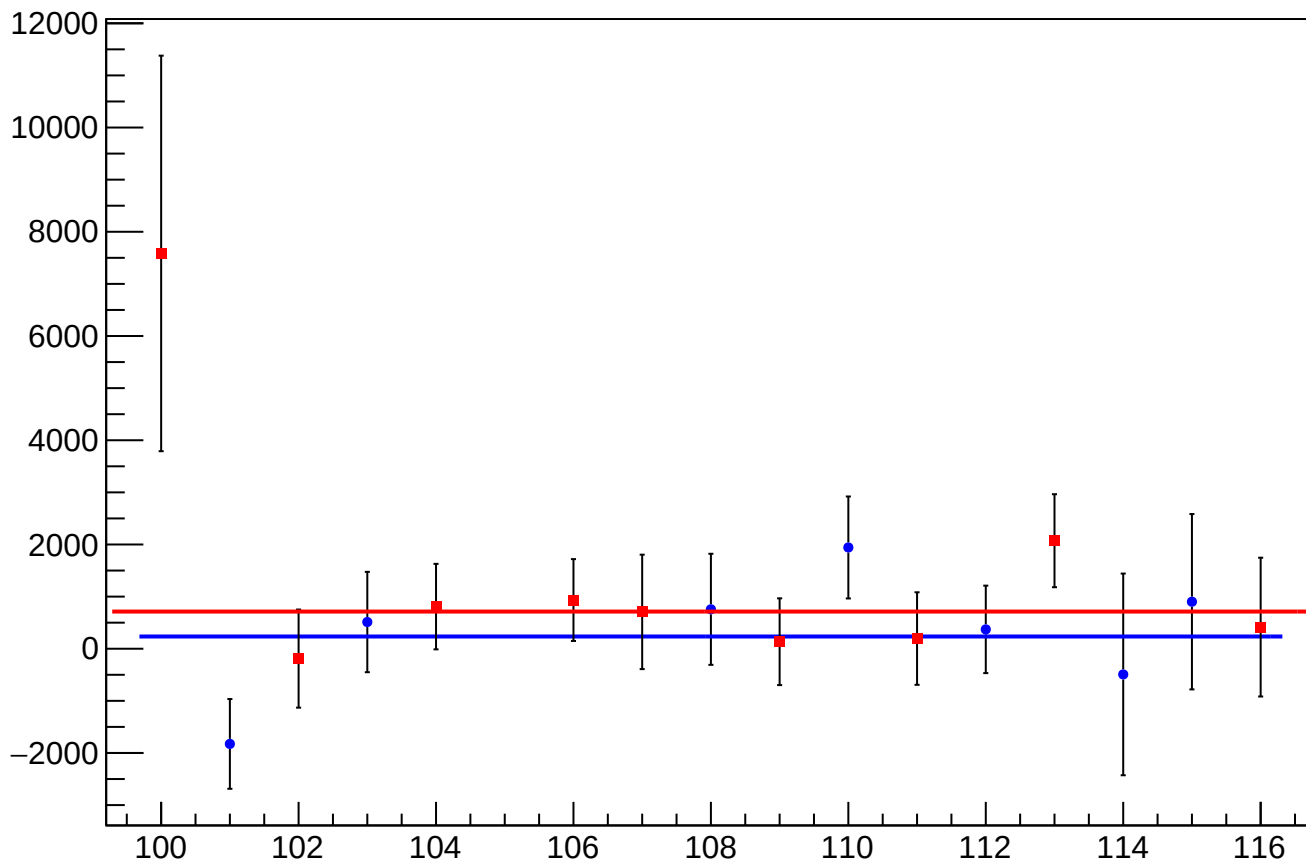
Right: 67.934+/-0.021 χ^2/NDF : 1375373.3/15

In: 69.400+/-0.032 χ^2/NDF : 638040.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.934+/-0.021 χ^2/NDF : 1375373.3/15

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 234.707 $\pm$ 395.485 χ^2 /NDF: 9.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 713.081 $\pm$ 321.600 χ^2 /NDF: 7.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

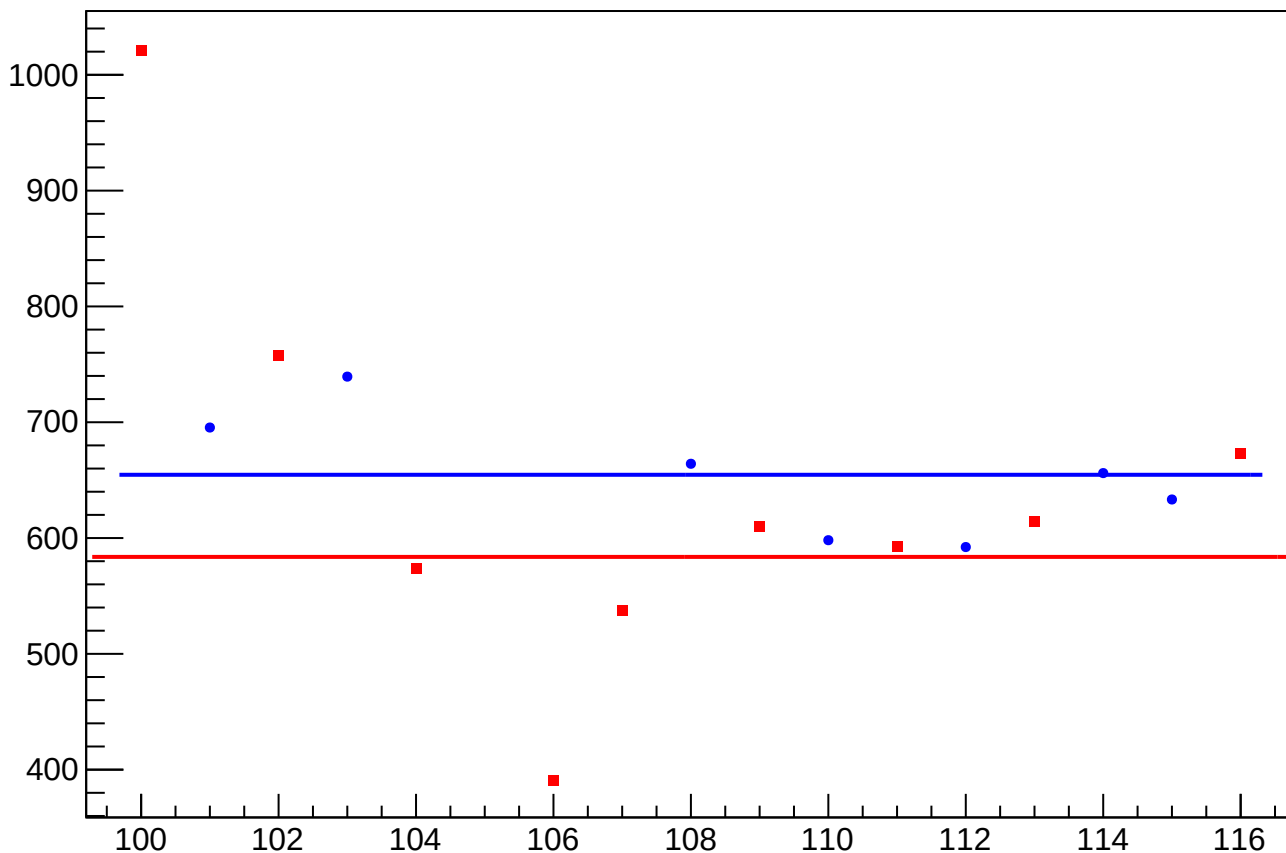
Right: 522.665 $\pm$ 249.515 χ^2 /NDF: 17.8/15

In: 234.707 $\pm$ 395.485 χ^2 /NDF:9.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 522.665 $\pm$ 249.515 χ^2 /NDF: 17.8/15

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 654.631+/-0.280 χ^2/NDF : 38195.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.720+/-0.227 χ^2/NDF : 232798.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

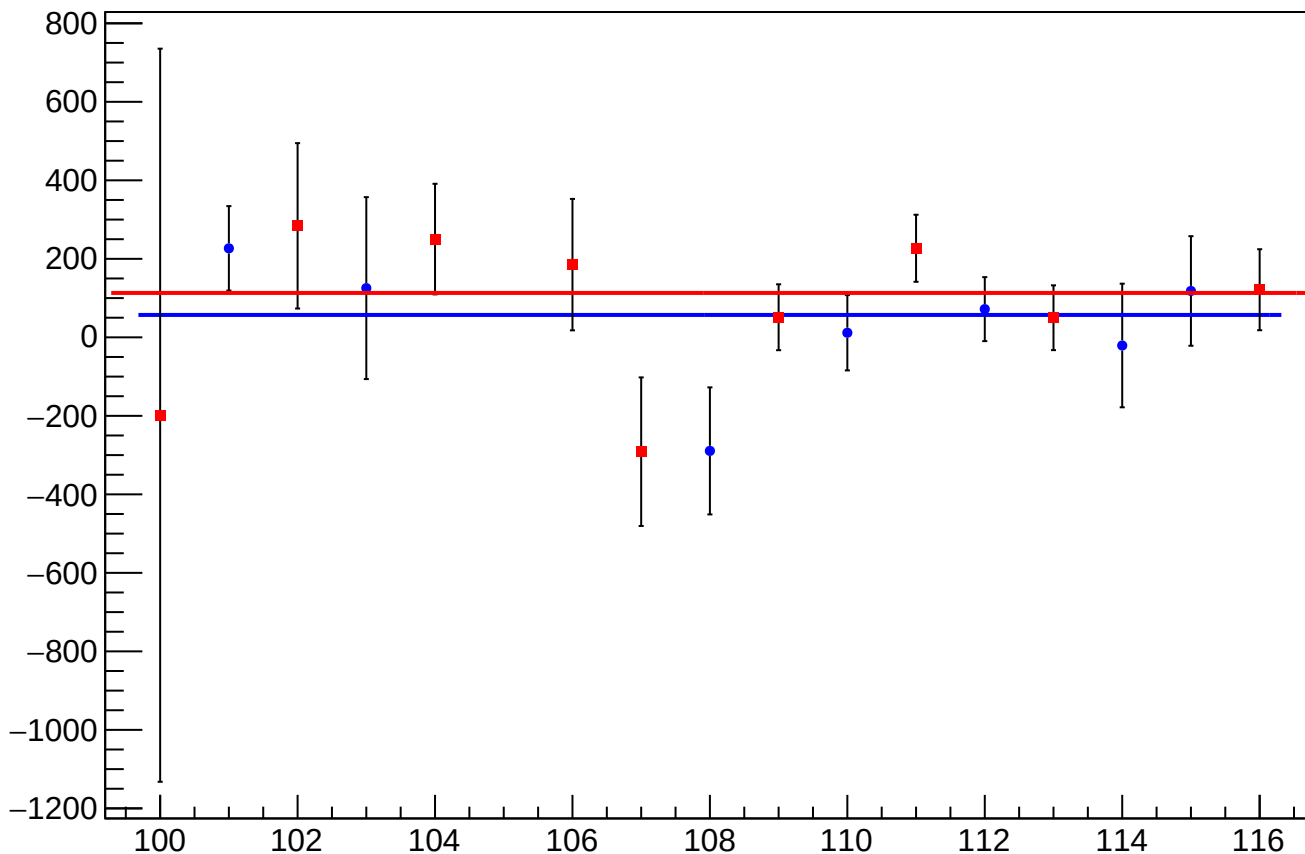
Right: 611.946+/-0.176 χ^2/NDF : 309699.3/15

In: 654.631+/-0.280 χ^2/NDF : 38195.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.946+/-0.176 χ^2/NDF : 309699.3/15

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 57.079+/-44.987 χ^2/NDF : 7.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.101+/-39.002 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

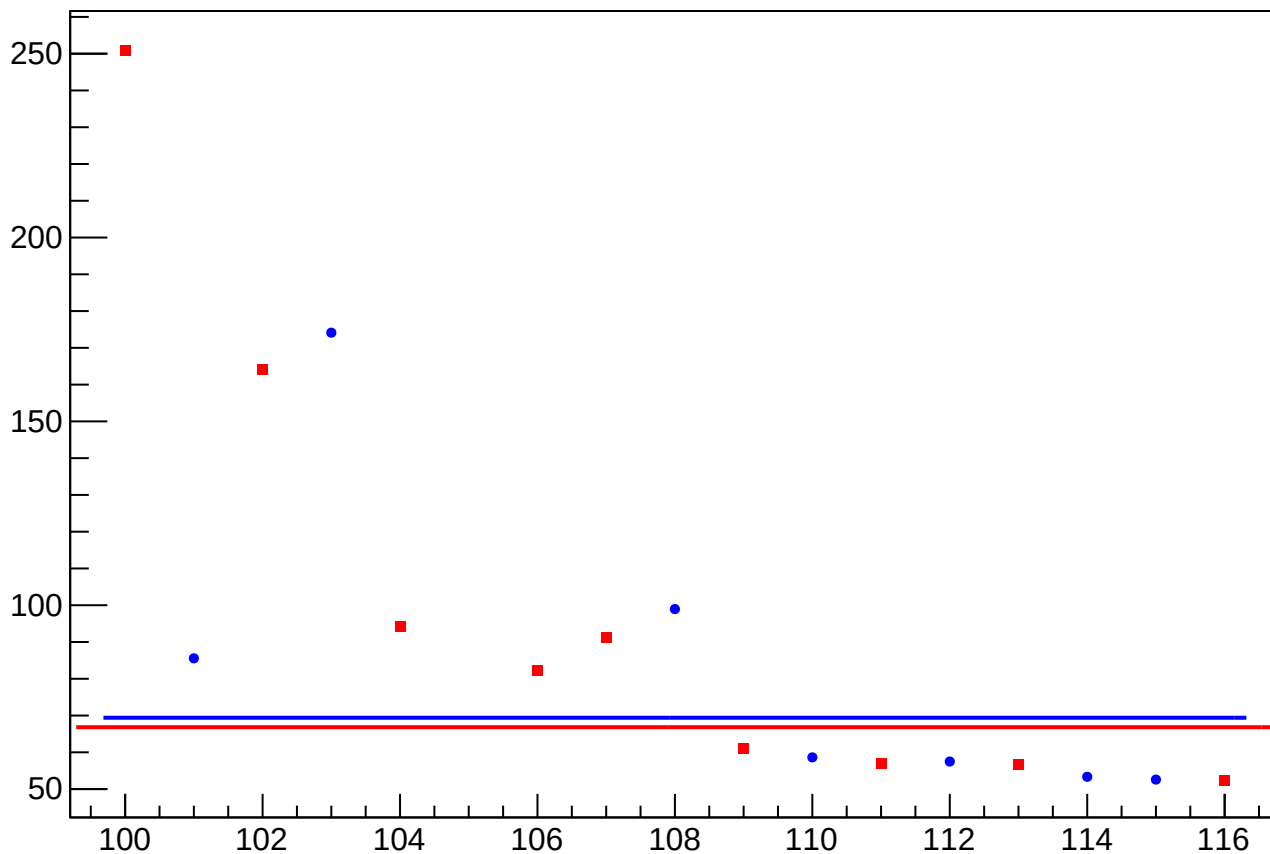
Right: 89.062+/-29.469 χ^2/NDF : 18.1/15

In: 57.079+/-44.987 χ^2/NDF : 7.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.062+/-29.469 χ^2/NDF : 18.1/15

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 69.400+/-0.032 χ^2/NDF : 638040.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.833+/-0.028 χ^2/NDF : 733613.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

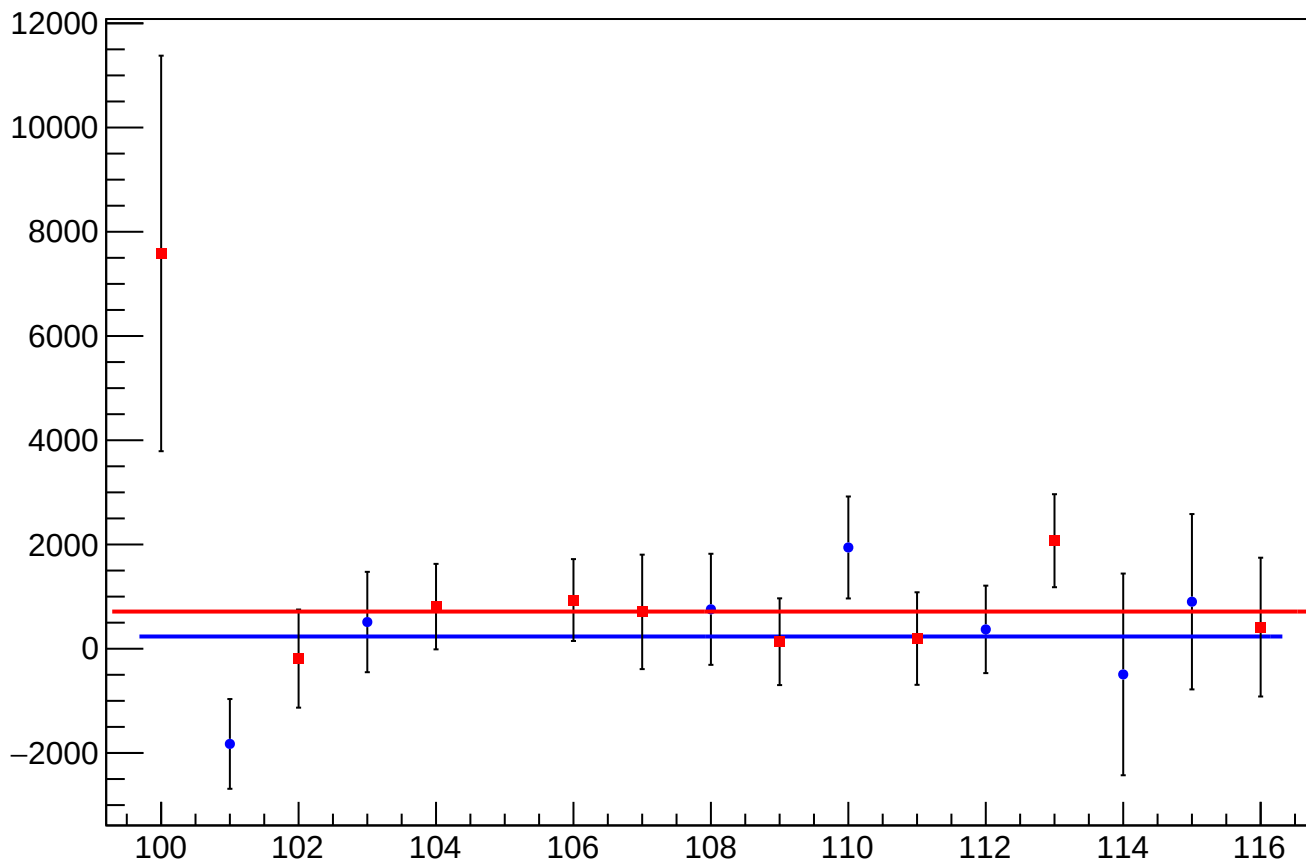
Right: 67.934+/-0.021 χ^2/NDF : 1375373.3/15

In: 69.400+/-0.032 χ^2/NDF : 638040.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.934+/-0.021 χ^2/NDF : 1375373.3/15

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 234.707+/-395.485 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.081+/-321.600 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

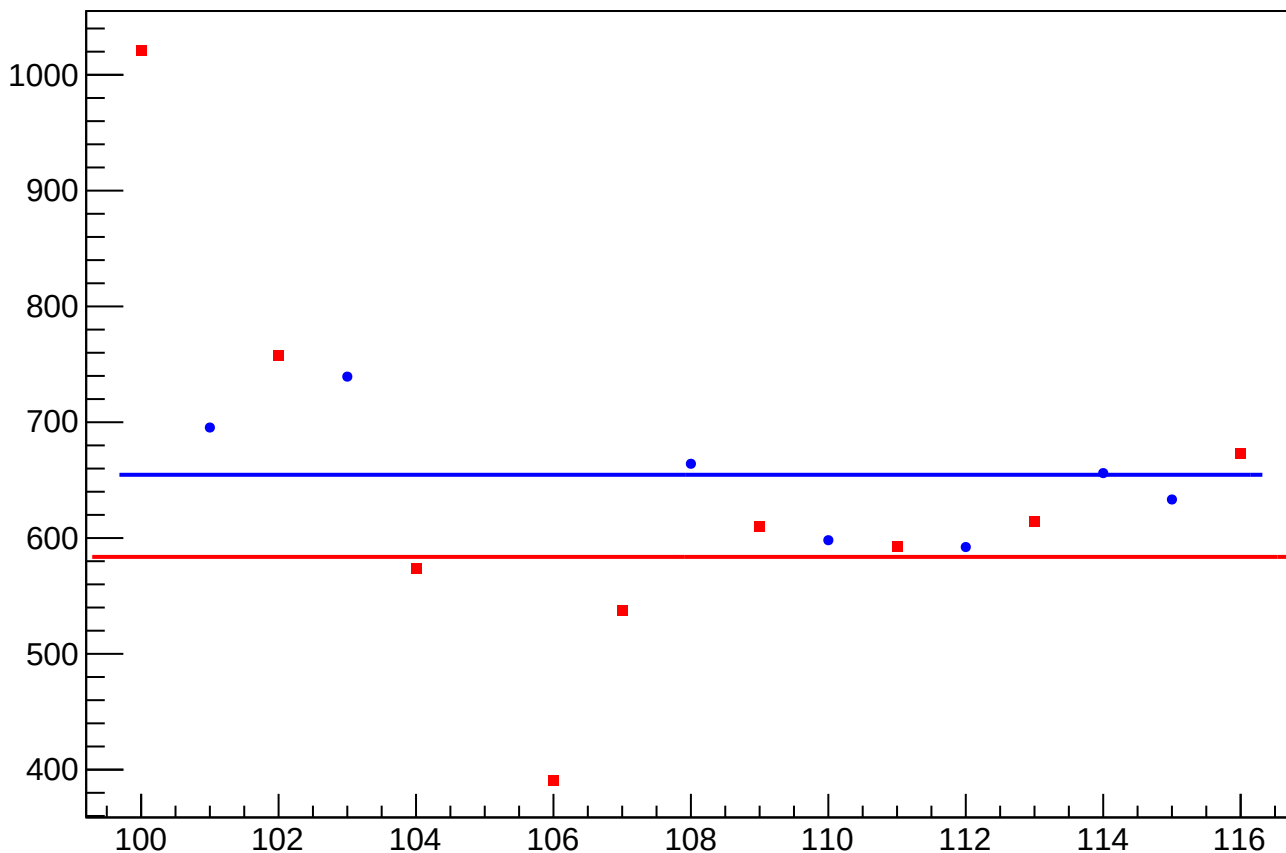
Right: 522.665+/-249.515 χ^2/NDF : 17.8/15

In: 234.707+/-395.485 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.665+/-249.515 χ^2/NDF : 17.8/15

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 654.631+/-0.280 χ^2/NDF : 38195.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.720+/-0.227 χ^2/NDF : 232798.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

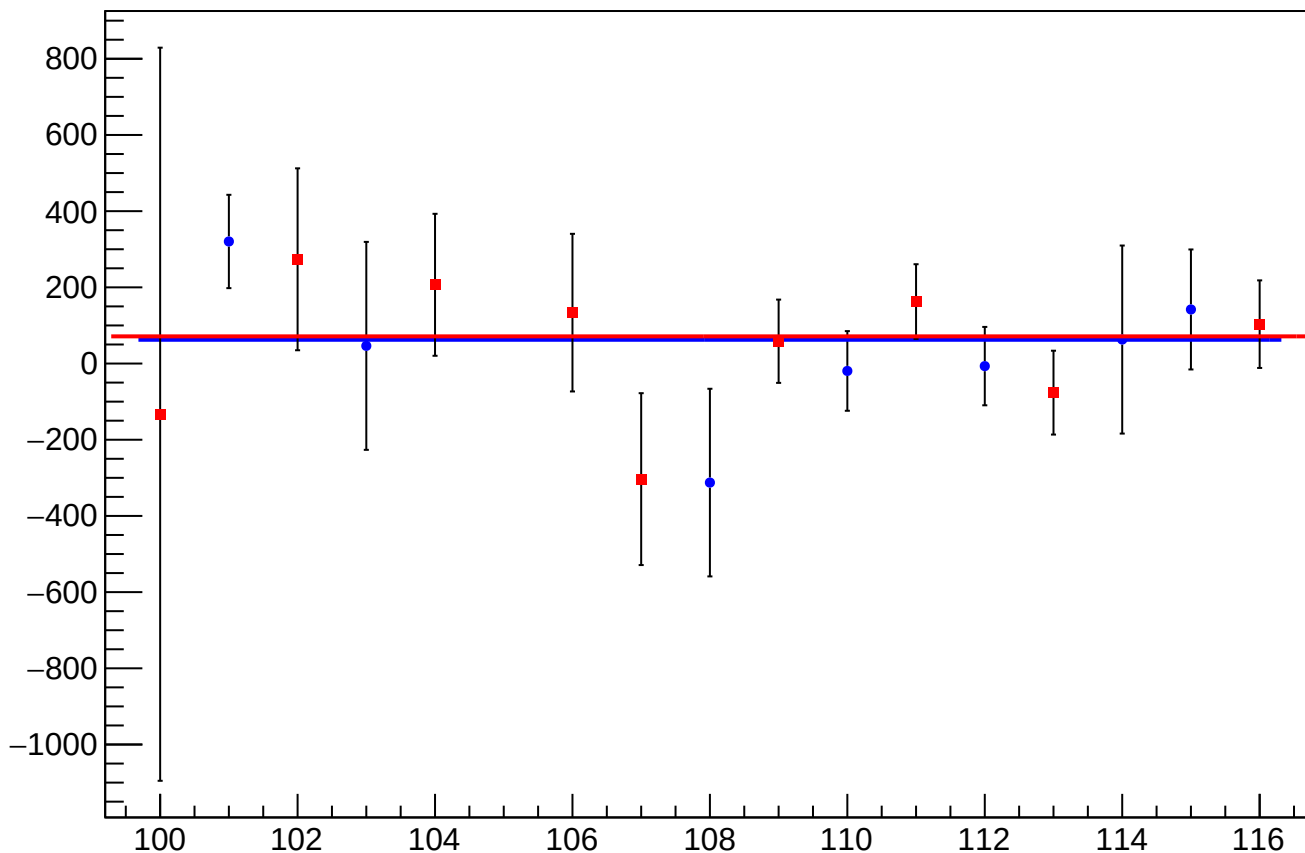
Right: 611.946+/-0.176 χ^2/NDF : 309699.3/15

In: 654.631+/-0.280 χ^2/NDF : 38195.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.946+/-0.176 χ^2/NDF : 309699.3/15

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 62.410+/-54.288 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.346+/-47.858 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

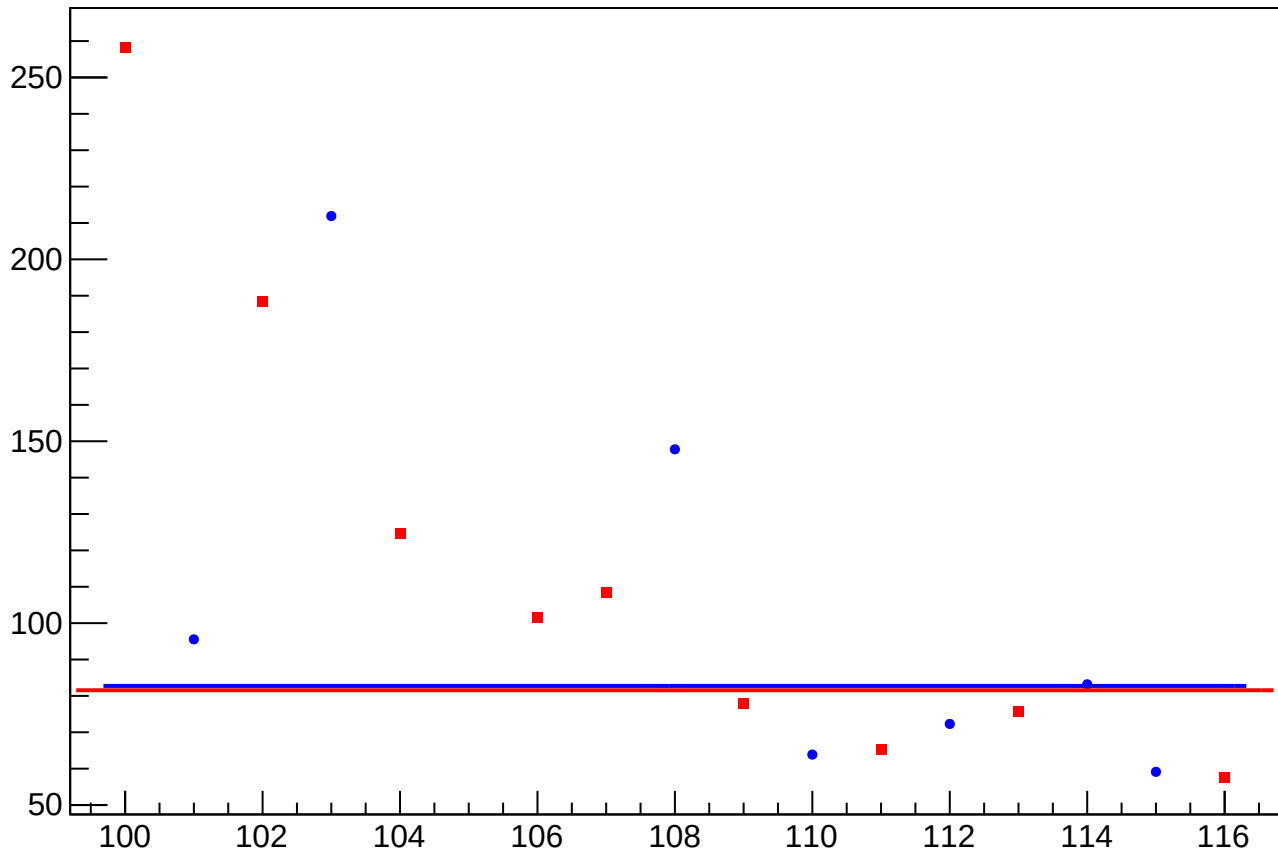
Right: 67.438+/-35.900 χ^2/NDF : 15.0/15

In: 62.410+/-54.288 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.438+/-35.900 χ^2/NDF : 15.0/15

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.744+/-0.038 χ^2/NDF : 740028.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.551+/-0.034 χ^2/NDF : 772903.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

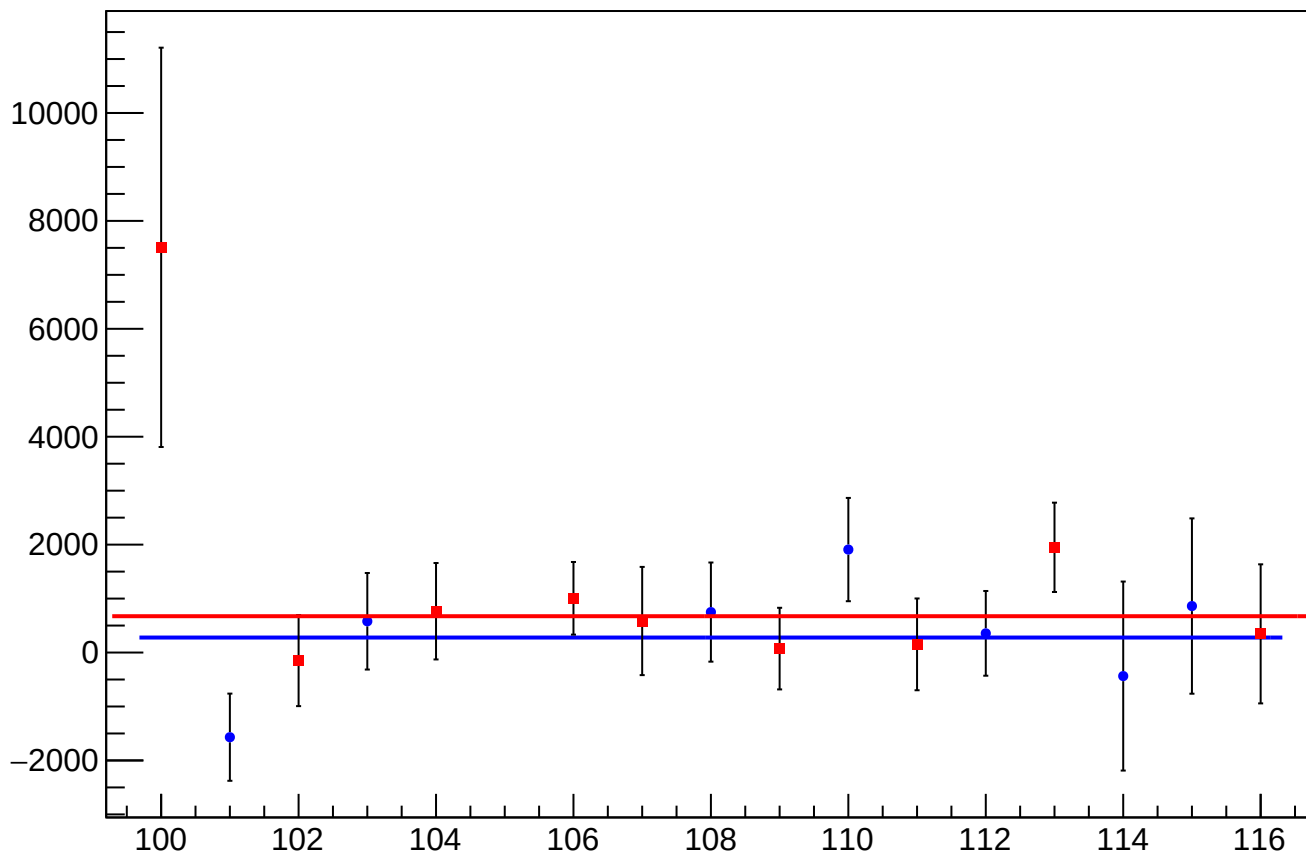
Right: 82.073+/-0.025 χ^2/NDF : 1513476.0/15

In: 82.744+/-0.038 χ^2/NDF : 740028.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.073+/-0.025 χ^2/NDF : 1513476.0/15

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.989+/-368.006 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 673.323+/-299.848 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

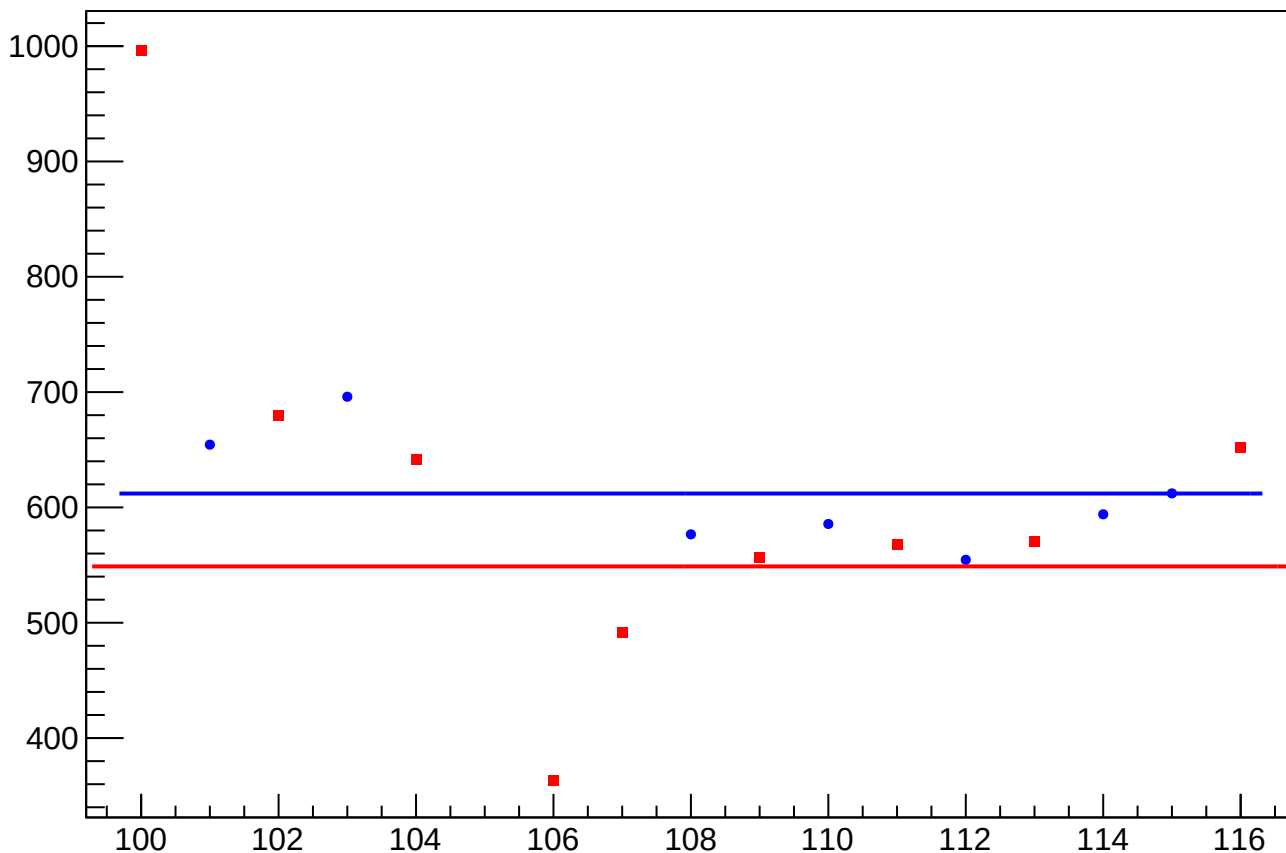
Right: 515.586+/-232.456 χ^2/NDF : 17.6/15

In: 277.989+/-368.006 χ^2/NDF :8.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 515.586+/-232.456 χ^2/NDF : 17.6/15

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.044+/-0.260 χ^2/NDF : 38517.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.855+/-0.212 χ^2/NDF : 272537.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

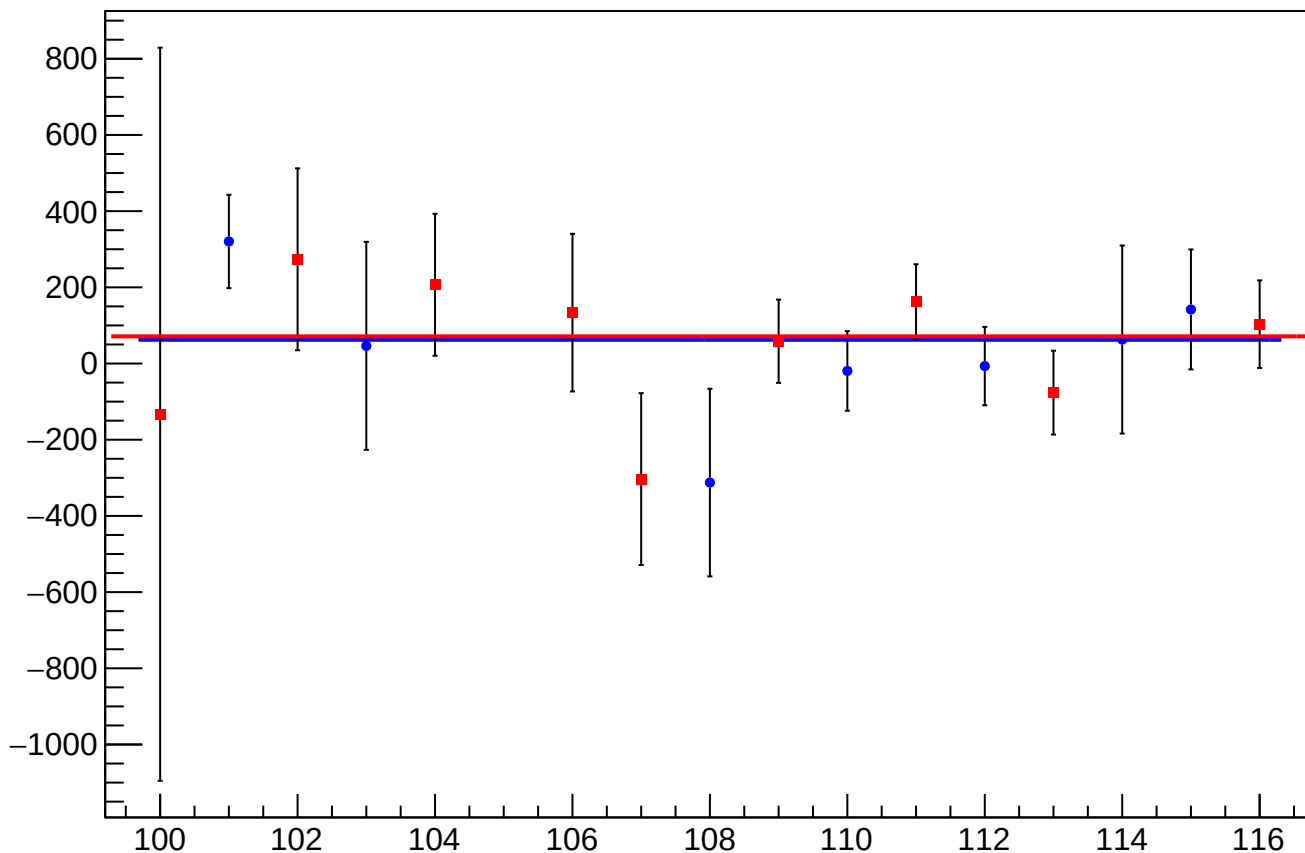
Right: 574.067+/-0.164 χ^2/NDF : 346493.8/15

In: 612.044+/-0.260 χ^2/NDF : 38517.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.067+/-0.164 χ^2/NDF : 346493.8/15

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 62.412+/-54.288 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.346+/-47.858 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

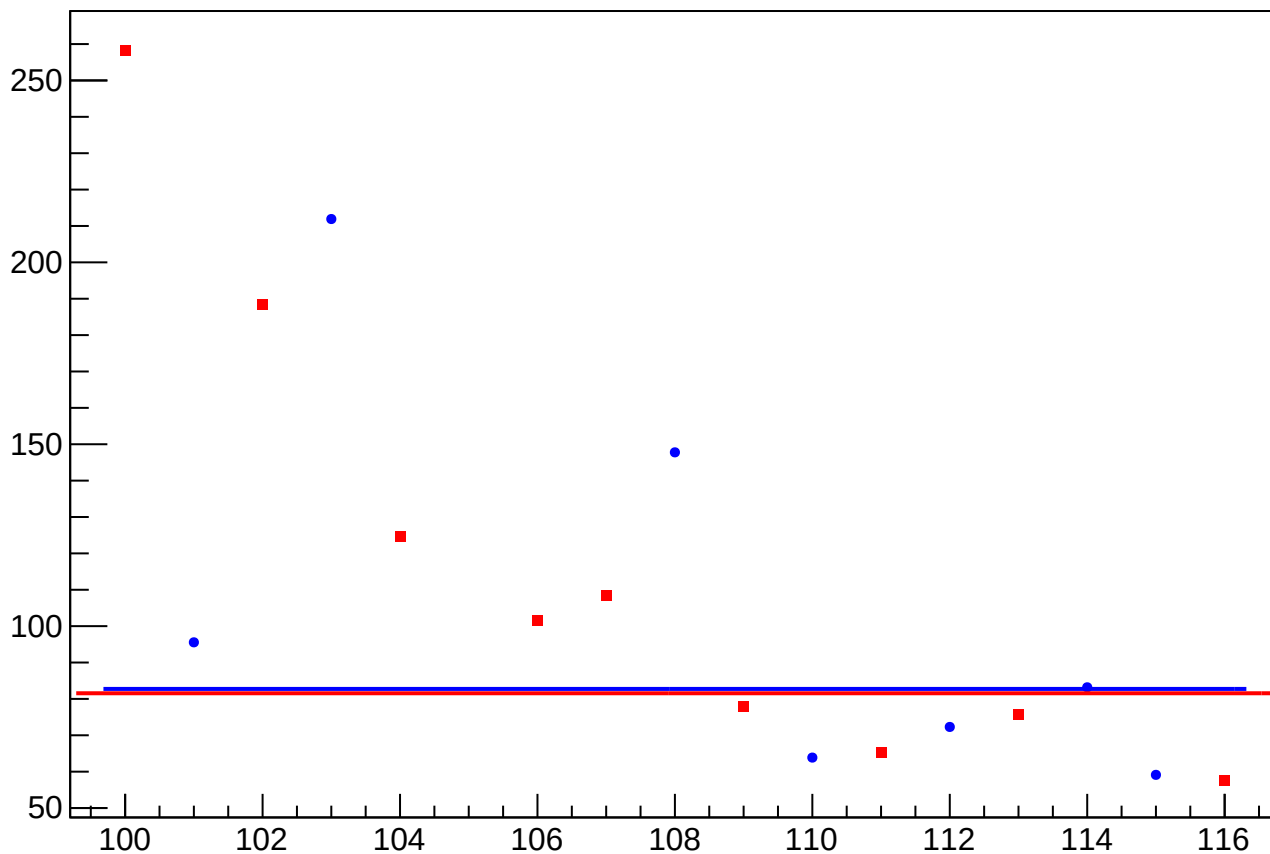
Right: 67.439+/-35.900 χ^2/NDF : 15.0/15

In: 62.412+/-54.288 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.439+/-35.900 χ^2/NDF : 15.0/15

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.744+/-0.038 χ^2/NDF : 740037.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.551+/-0.034 χ^2/NDF : 772904.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

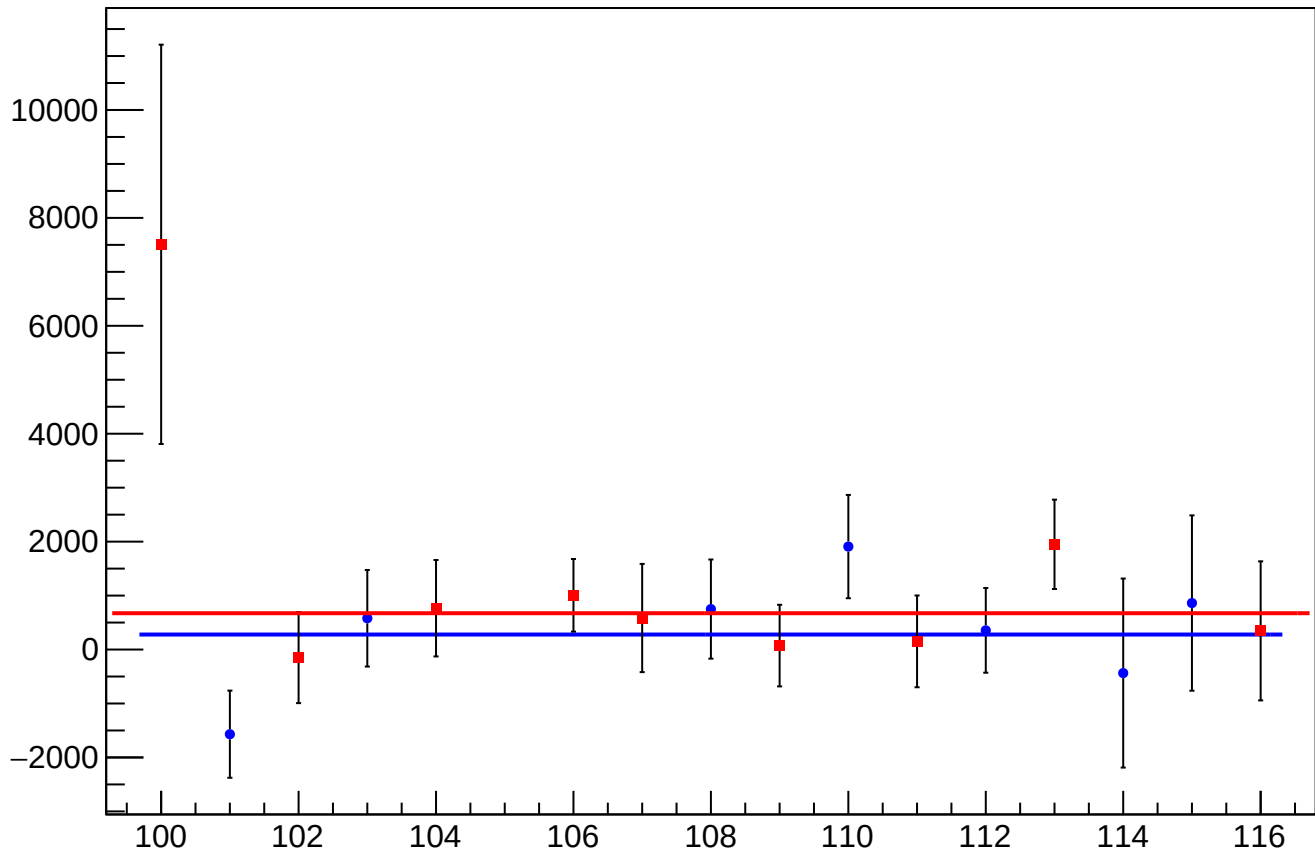
Right: 82.073+/-0.025 χ^2/NDF : 1513486.2/15

In: 82.744+/-0.038 χ^2/NDF : 740037.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.073+/-0.025 χ^2/NDF : 1513486.2/15

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.987+/-368.005 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 673.321+/-299.848 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

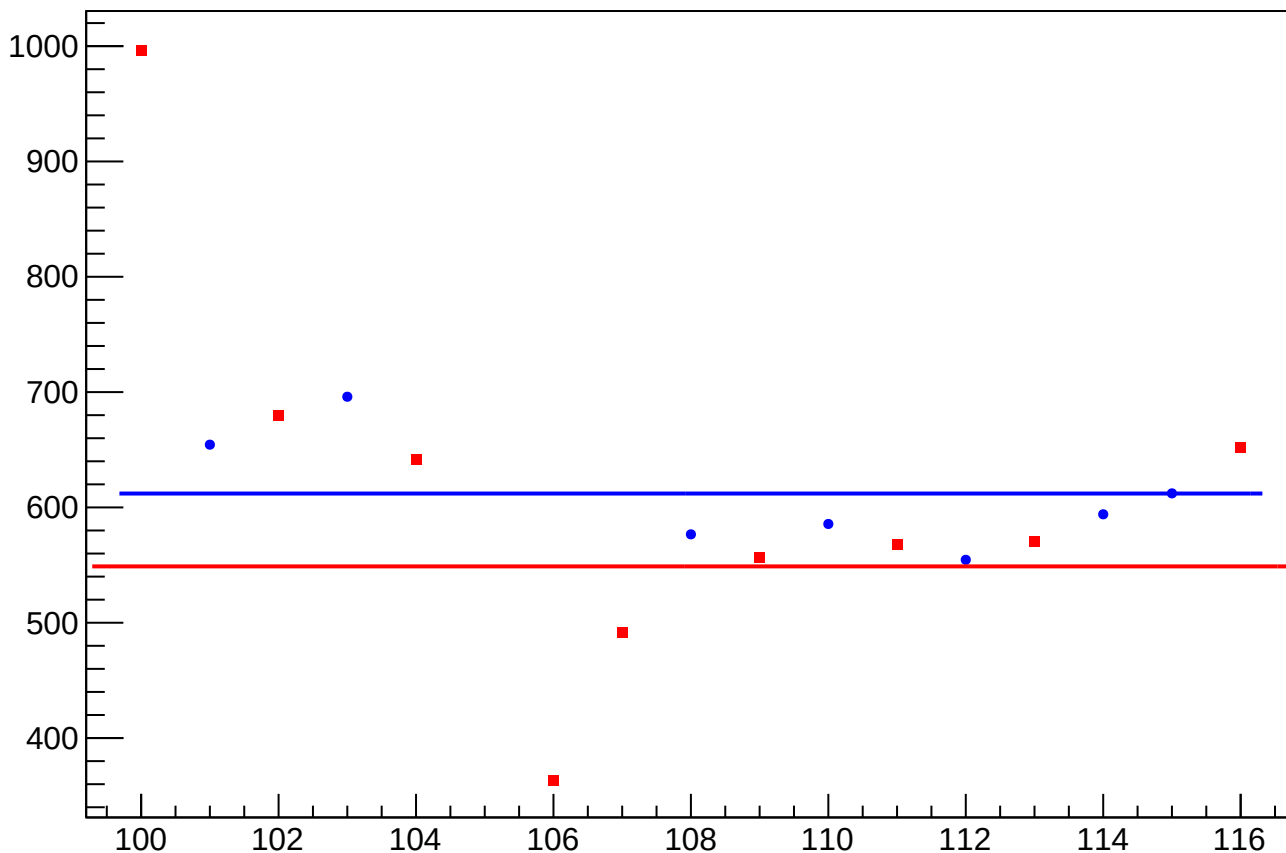
Right: 515.584+/-232.455 χ^2/NDF : 17.6/15

In: 277.987+/-368.005 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.584+/-232.455 χ^2/NDF : 17.6/15

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.043+/-0.260 χ^2/NDF : 38514.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.854+/-0.212 χ^2/NDF : 272535.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

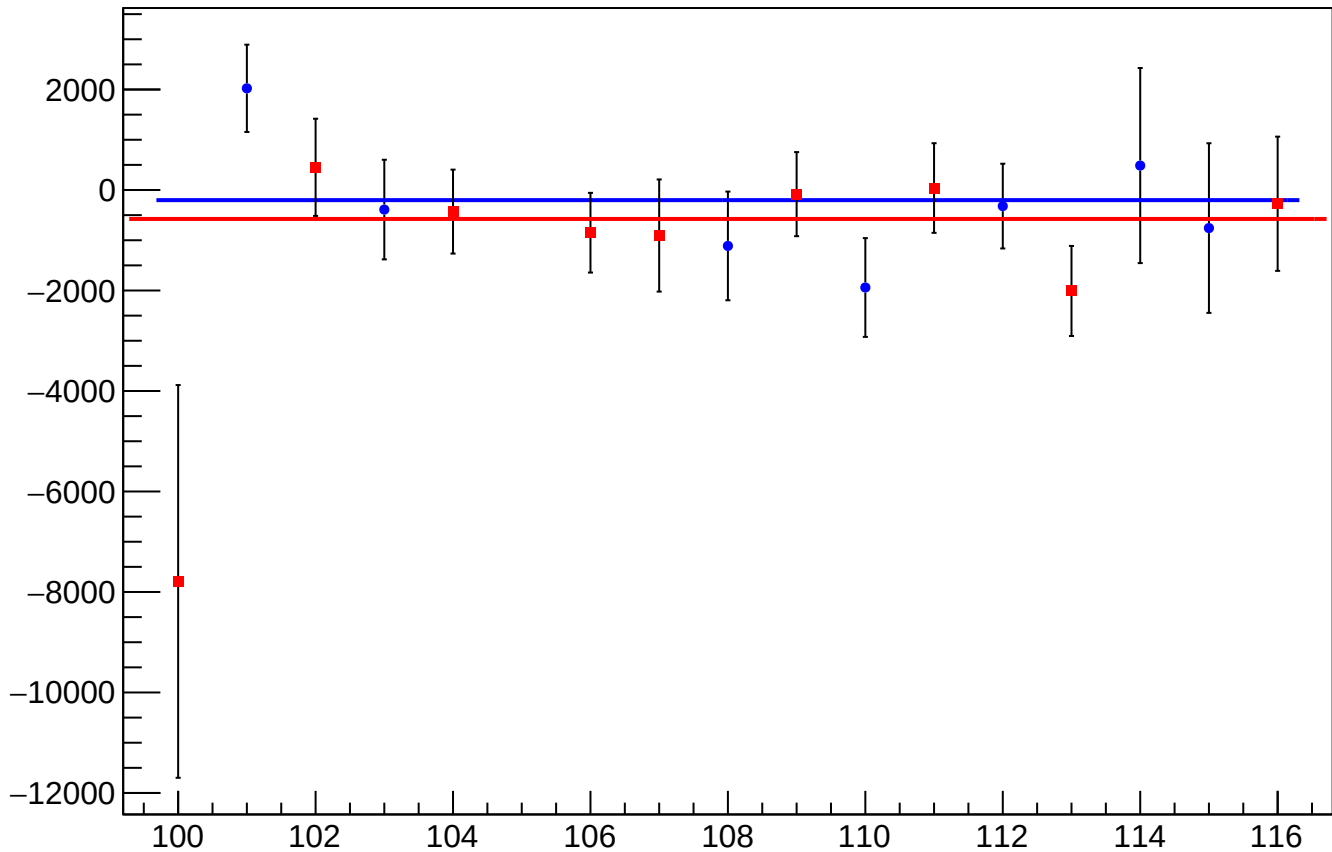
Right: 574.066+/-0.164 χ^2/NDF : 346489.5/15

In: 612.043+/-0.260 χ^2/NDF : 38514.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.066+/-0.164 χ^2/NDF : 346489.5/15

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -201.689+/-399.842 χ^2/NDF : 10.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -575.980+/-325.290 χ^2/NDF : 8.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

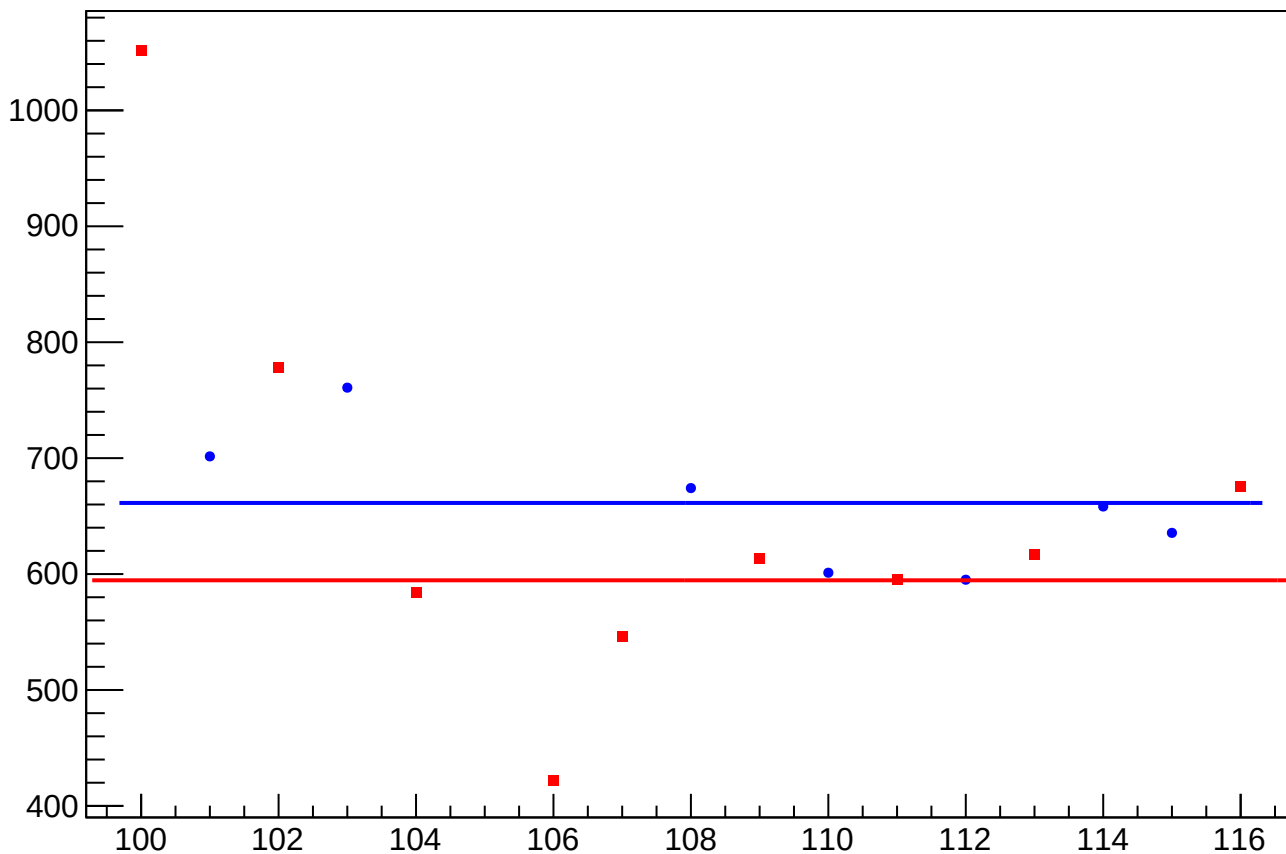
Right: -426.914+/-252.333 χ^2/NDF : 19.4/15

In: -201.689+/-399.842 χ^2/NDF : 10.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.914+/-252.333 χ^2/NDF : 19.4/15

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 661.354+/-0.283 χ^2/NDF : 44994.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 594.609+/-0.230 χ^2/NDF : 207476.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

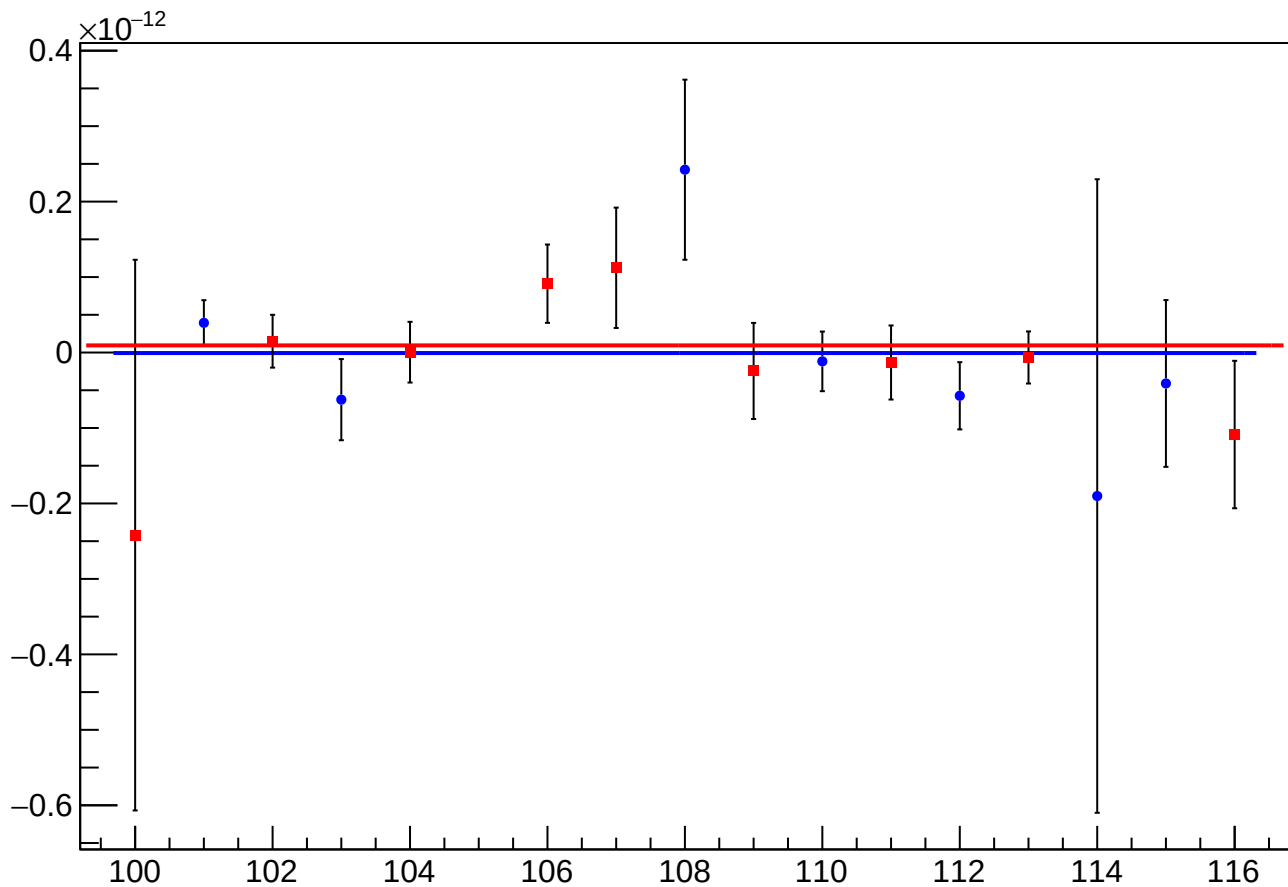
Right: 621.191+/-0.178 χ^2/NDF : 286005.5/15

In: 661.354+/-0.283 χ^2/NDF : 44994.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.191+/-0.178 χ^2/NDF : 286005.5/15

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

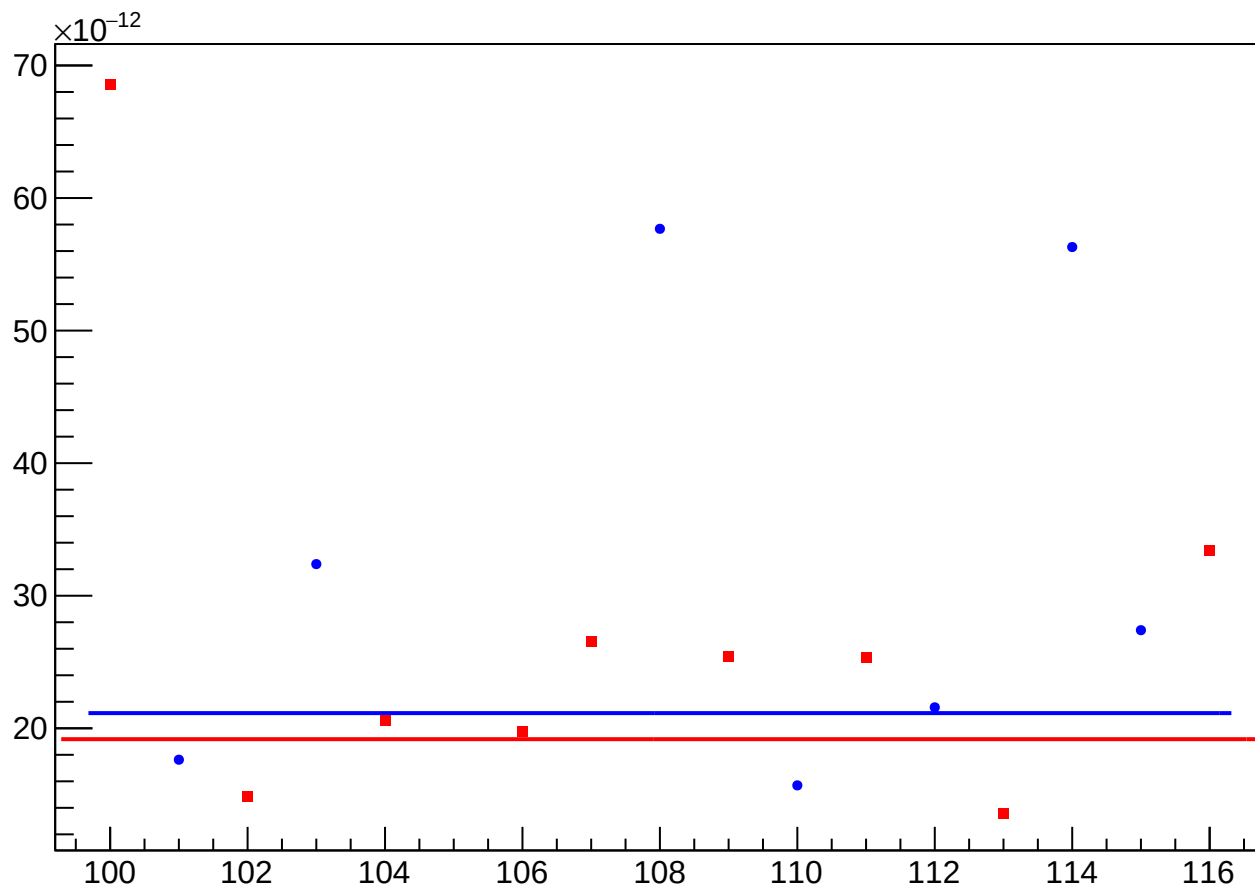
Right: 0.000+/-0.000 χ^2/NDF : 16.3/15

In: -0.000+/-0.000 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.3/15

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 360984.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 232950.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

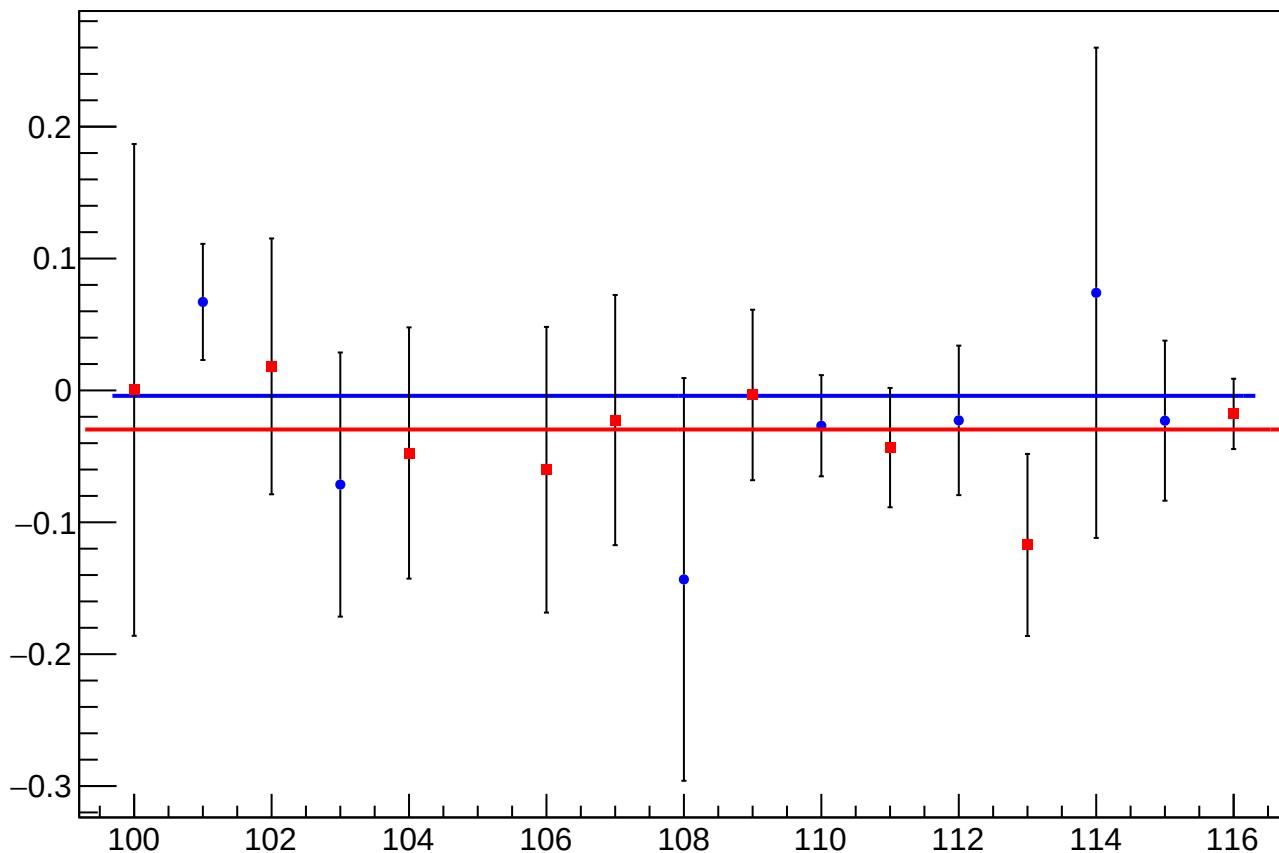
Right: 0.000+/-0.000 χ^2/NDF : 605961.7/15

In: 0.000+/-0.000 χ^2/NDF : 360984.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 605961.7/15

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.023 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.019 χ^2 /NDF: 2.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

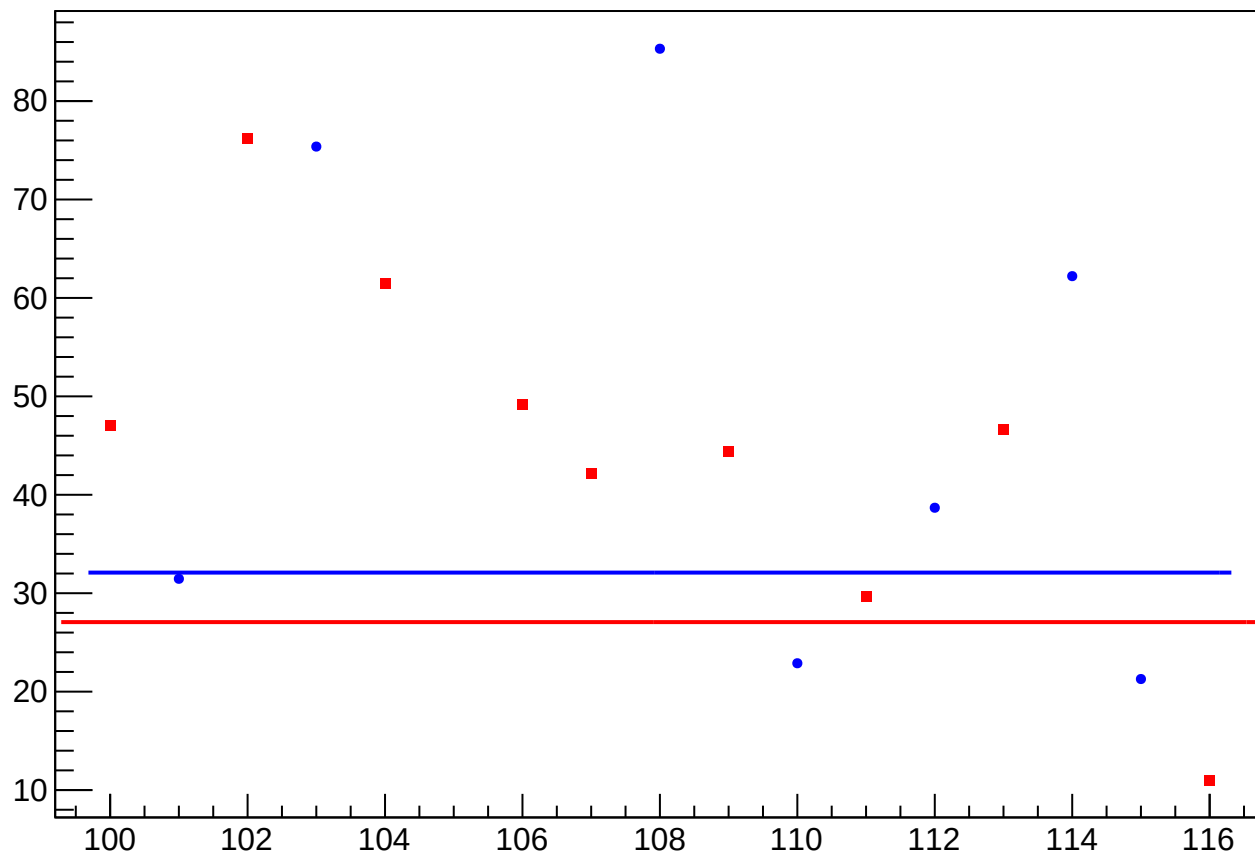
Right: -0.019 $\pm$ 0.015 χ^2 /NDF: 7.8/15

In: -0.004 $\pm$ 0.023 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.015 χ^2 /NDF: 7.8/15

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.095 $\pm$ 0.016 χ^2 /NDF: 875376.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.064 $\pm$ 0.013 χ^2 /NDF: 1970667.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

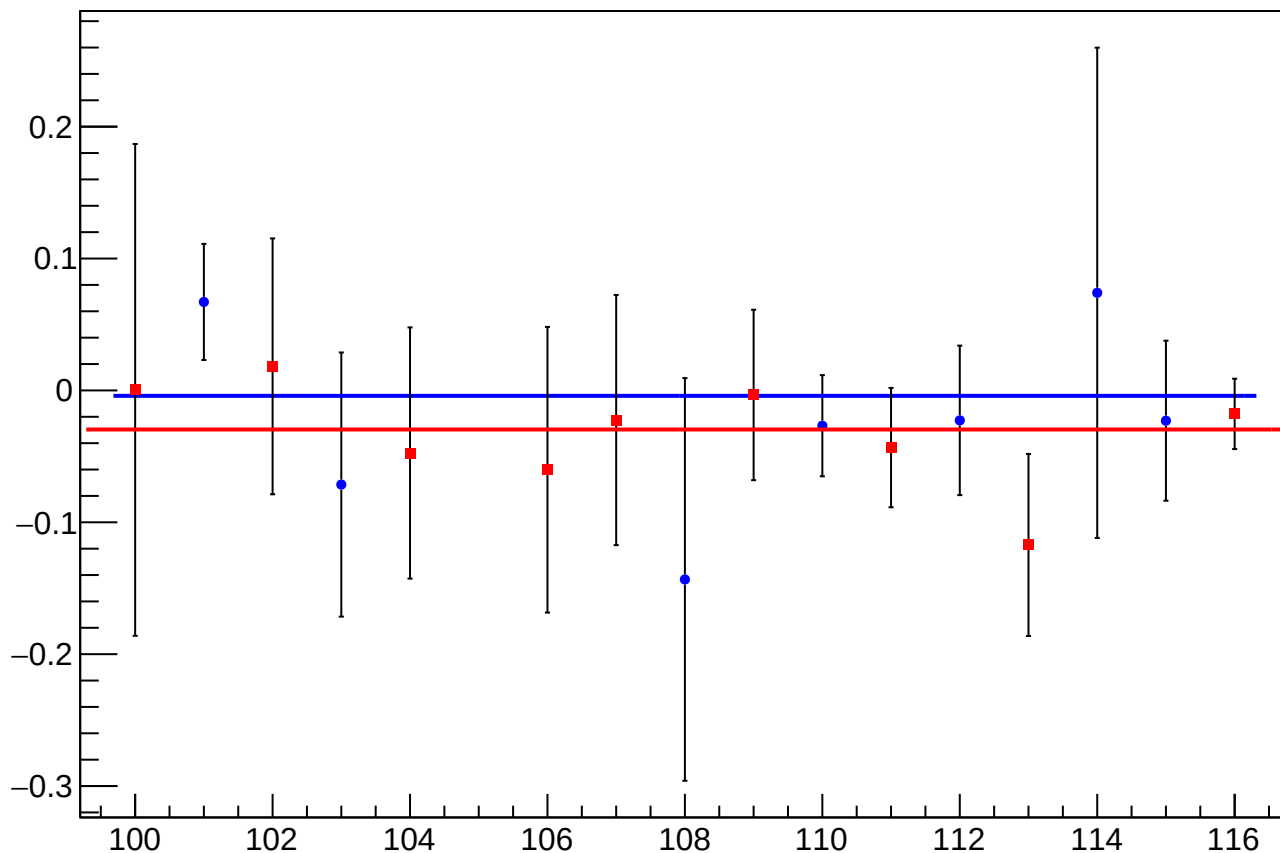
Right: 29.136 $\pm$ 0.010 χ^2 /NDF: 2904098.4/15

In: 32.095 $\pm$ 0.016 χ^2 /NDF:875376.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.136 $\pm$ 0.010 χ^2 /NDF: 2904098.4/15

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.023 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.019 χ^2 /NDF: 2.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

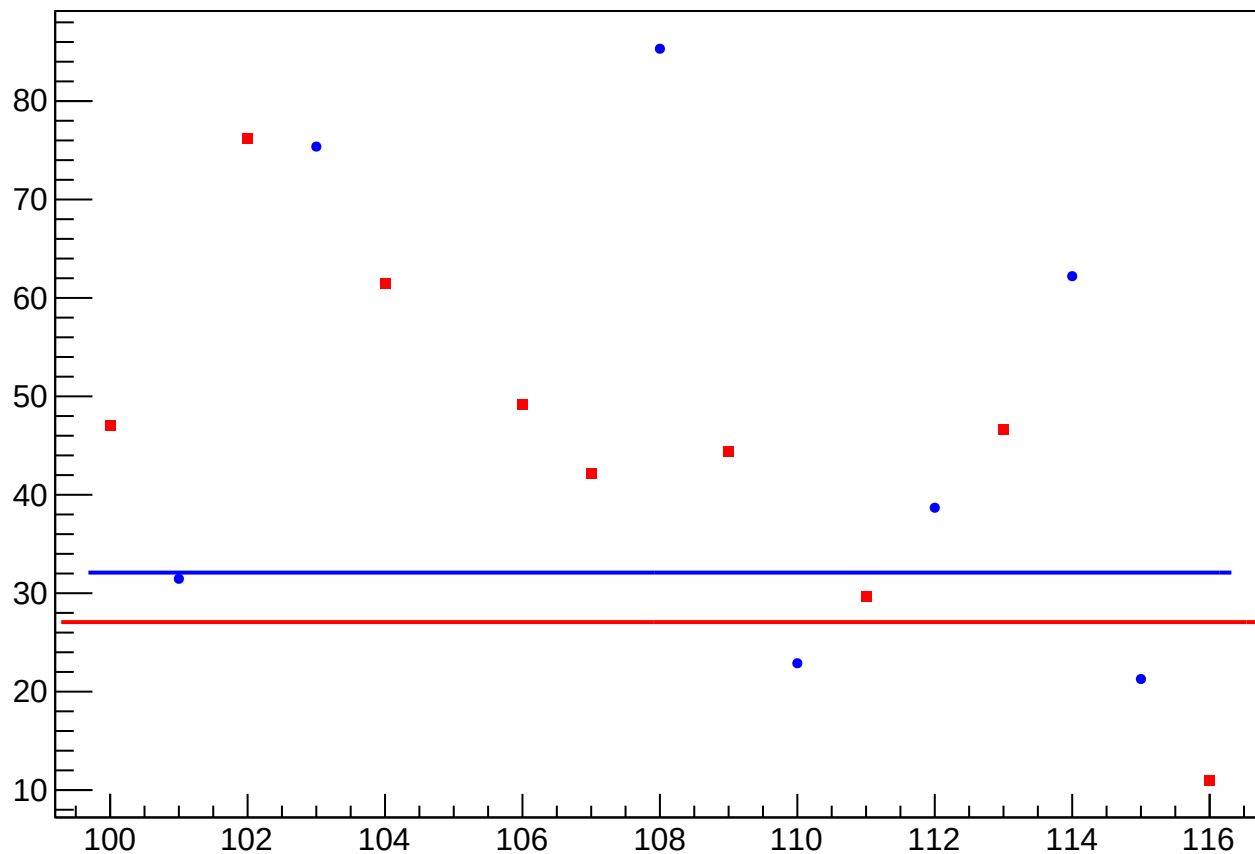
Right: -0.019 $\pm$ 0.015 χ^2 /NDF: 7.8/15

In: -0.004 $\pm$ 0.023 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.015 χ^2 /NDF: 7.8/15

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.095+/-0.016 χ^2/NDF : 875376.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.064+/-0.013 χ^2/NDF : 1970667.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

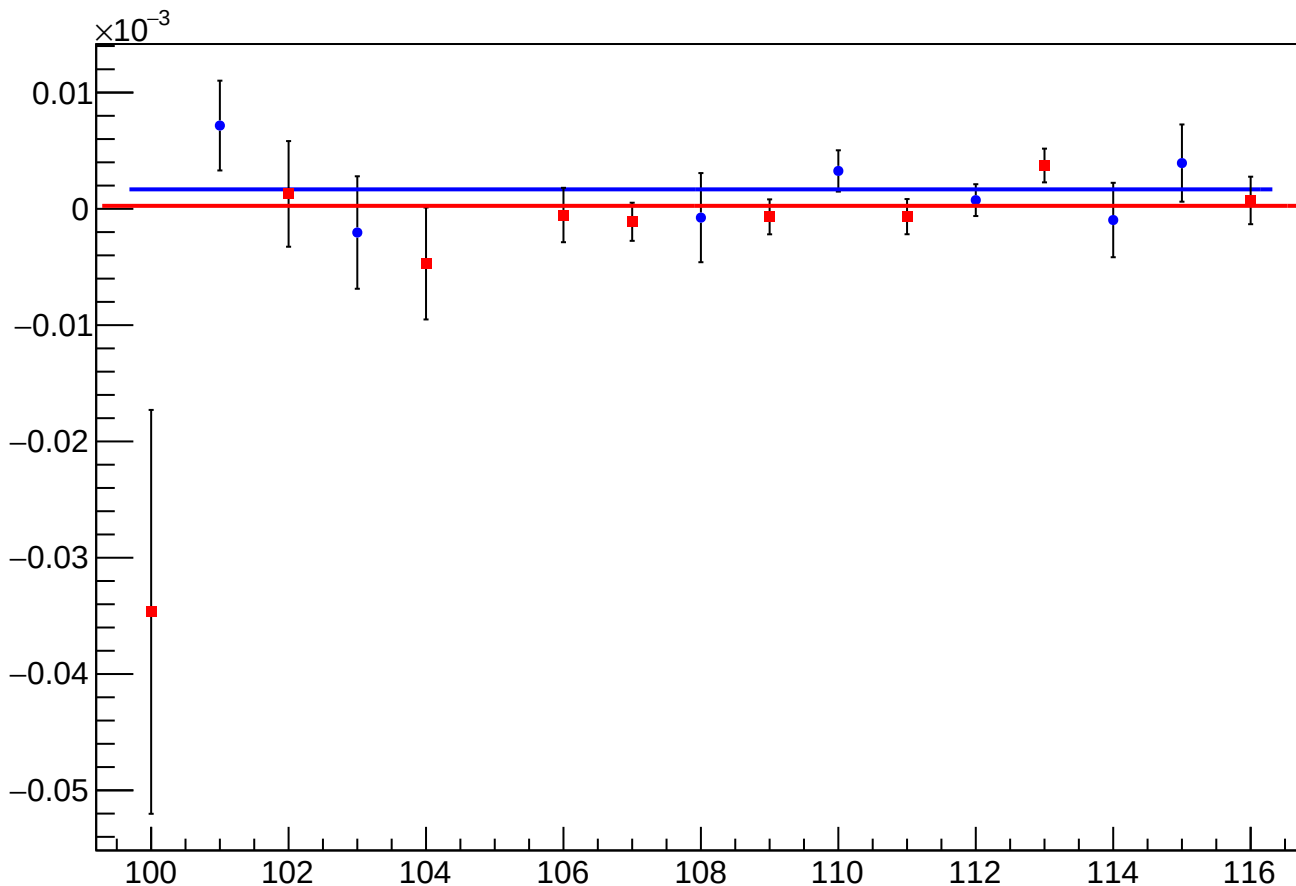
Right: 29.136+/-0.010 χ^2/NDF : 2904098.4/15

In: 32.095+/-0.016 χ^2/NDF : 875376.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.136+/-0.010 χ^2/NDF : 2904098.4/15

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

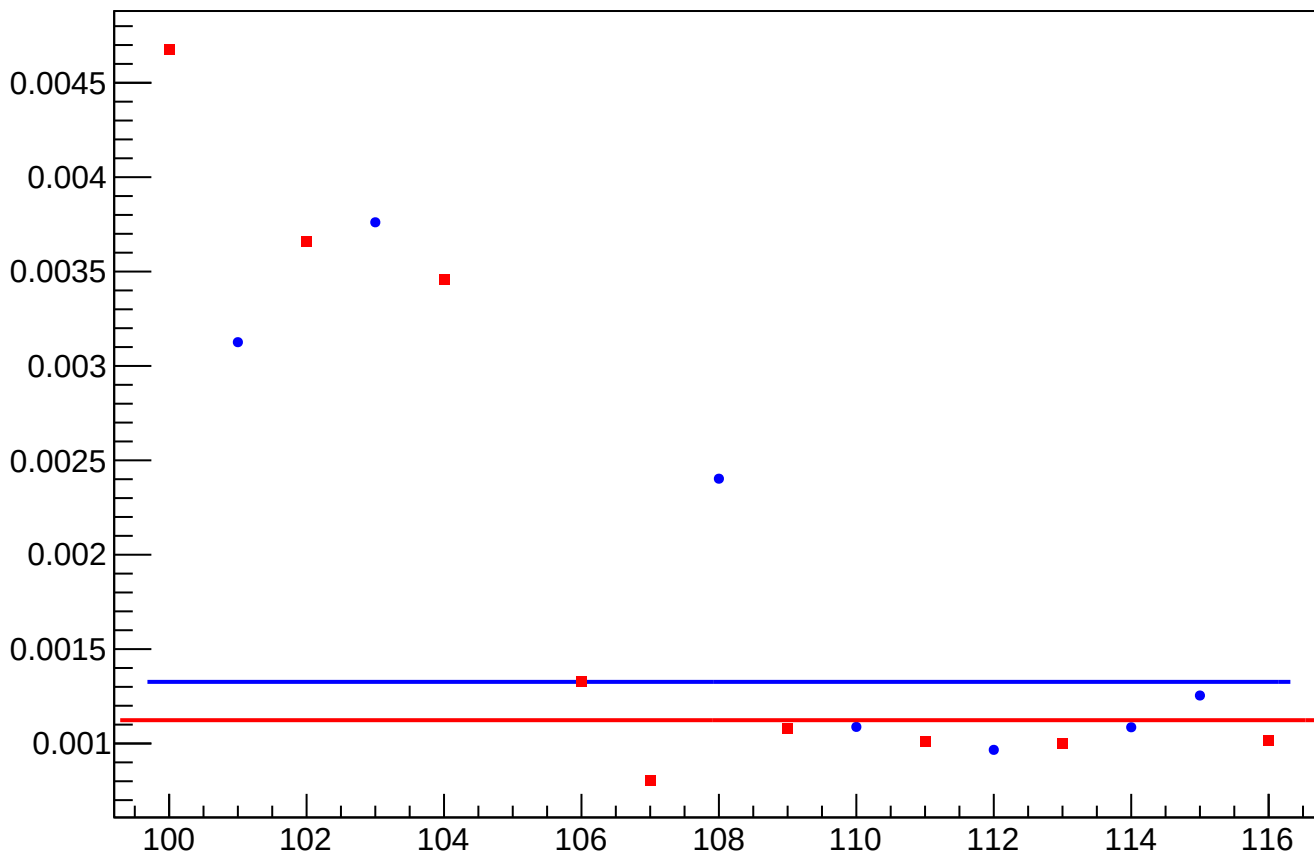
Right: 0.000+/-0.000 χ^2/NDF : 19.5/15

In: 0.000+/-0.000 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/15

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1286181.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1301579.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

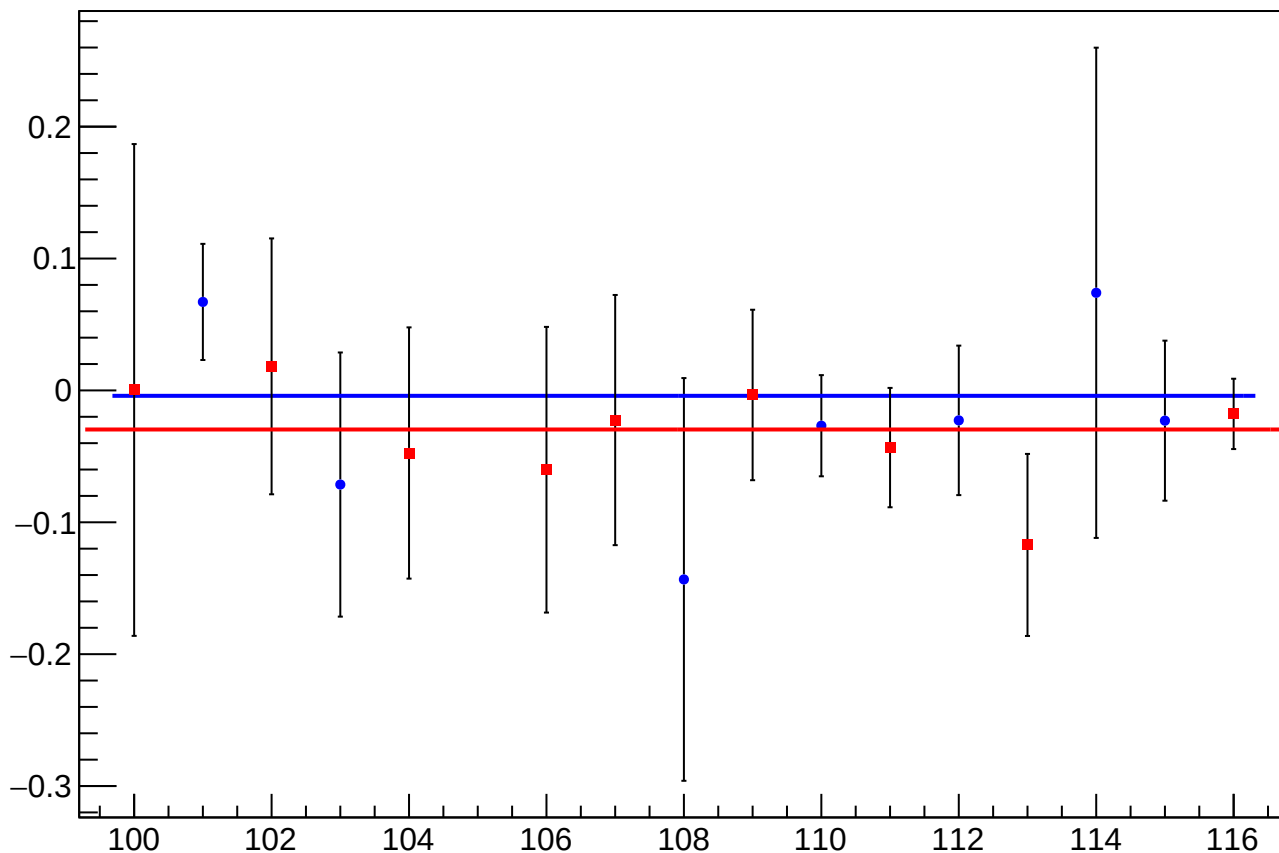
Right: 0.001+/-0.000 χ^2/NDF : 2652844.8/15

In: 0.001+/-0.000 χ^2/NDF : 1286181.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2652844.8/15

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.023 χ^2/NDF : 4.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.019 χ^2/NDF : 2.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

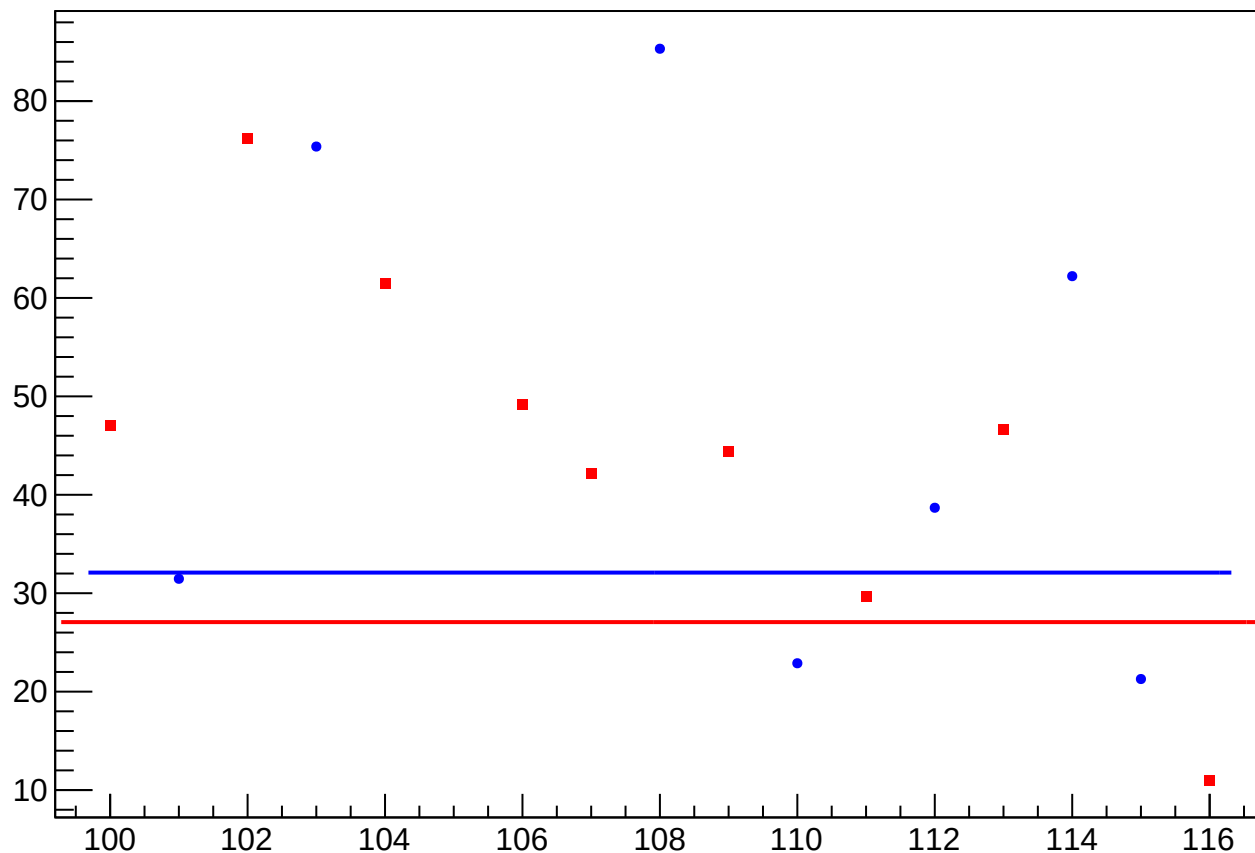
Right: -0.019 ± 0.015 χ^2/NDF : 7.8/15

In: -0.004 ± 0.023 χ^2/NDF : 4.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.015 χ^2/NDF : 7.8/15

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.095+/-0.016 χ^2/NDF : 875394.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.064+/-0.013 χ^2/NDF : 1970664.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

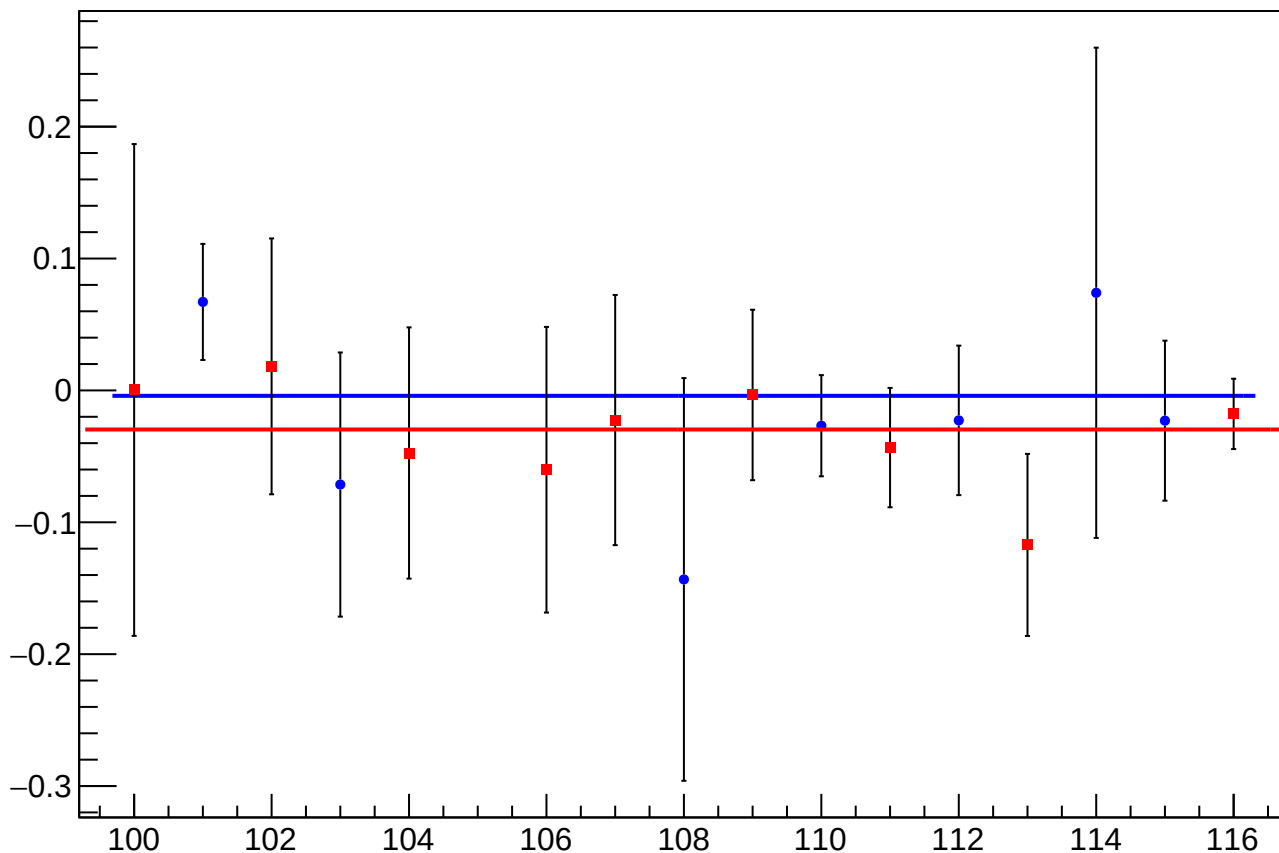
Right: 29.136+/-0.010 χ^2/NDF : 2904121.3/15

In: 32.095+/-0.016 χ^2/NDF : 875394.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.136+/-0.010 χ^2/NDF : 2904121.3/15

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.023 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.019 χ^2 /NDF: 2.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

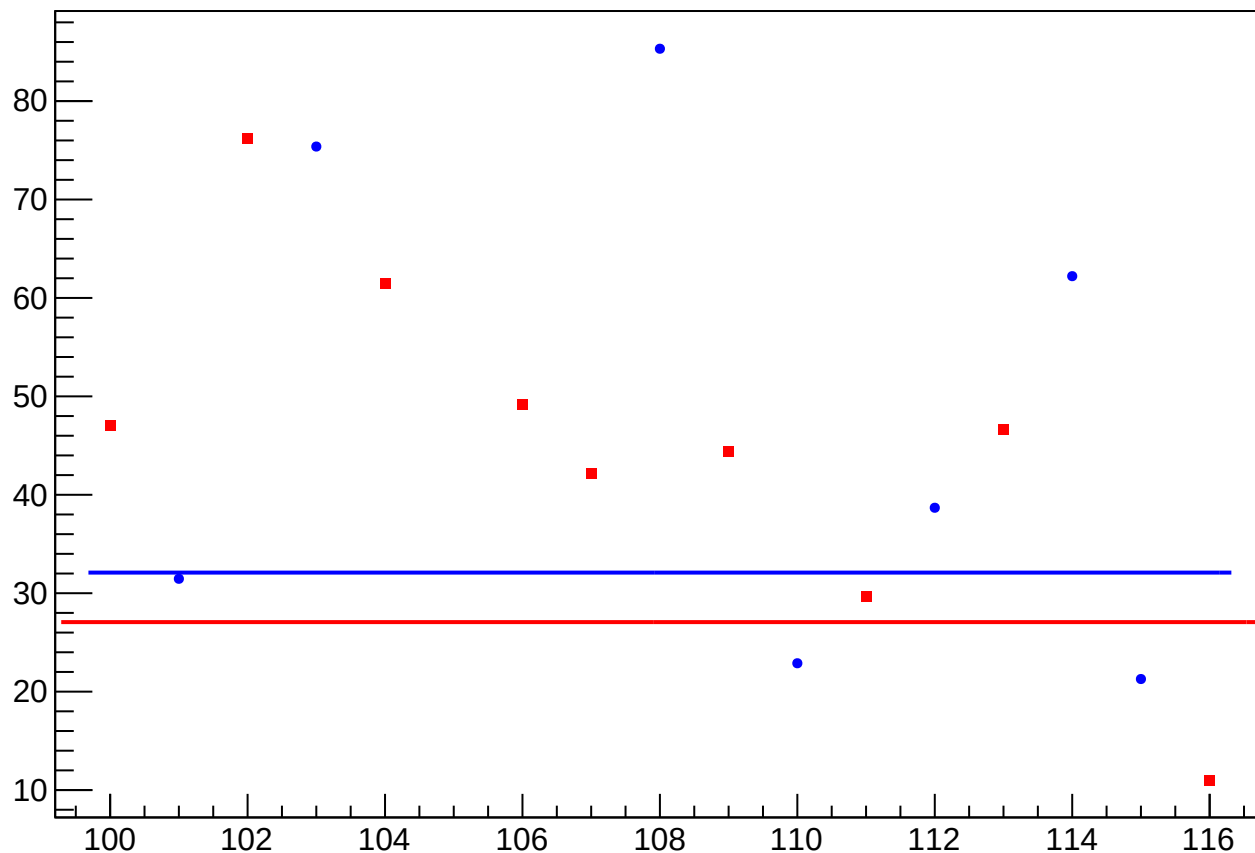
Right: -0.019 $\pm$ 0.015 χ^2 /NDF: 7.8/15

In: -0.004 $\pm$ 0.023 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.015 χ^2 /NDF: 7.8/15

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.095 $\pm$ 0.016 χ^2 /NDF: 875394.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.064 $\pm$ 0.013 χ^2 /NDF: 1970664.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

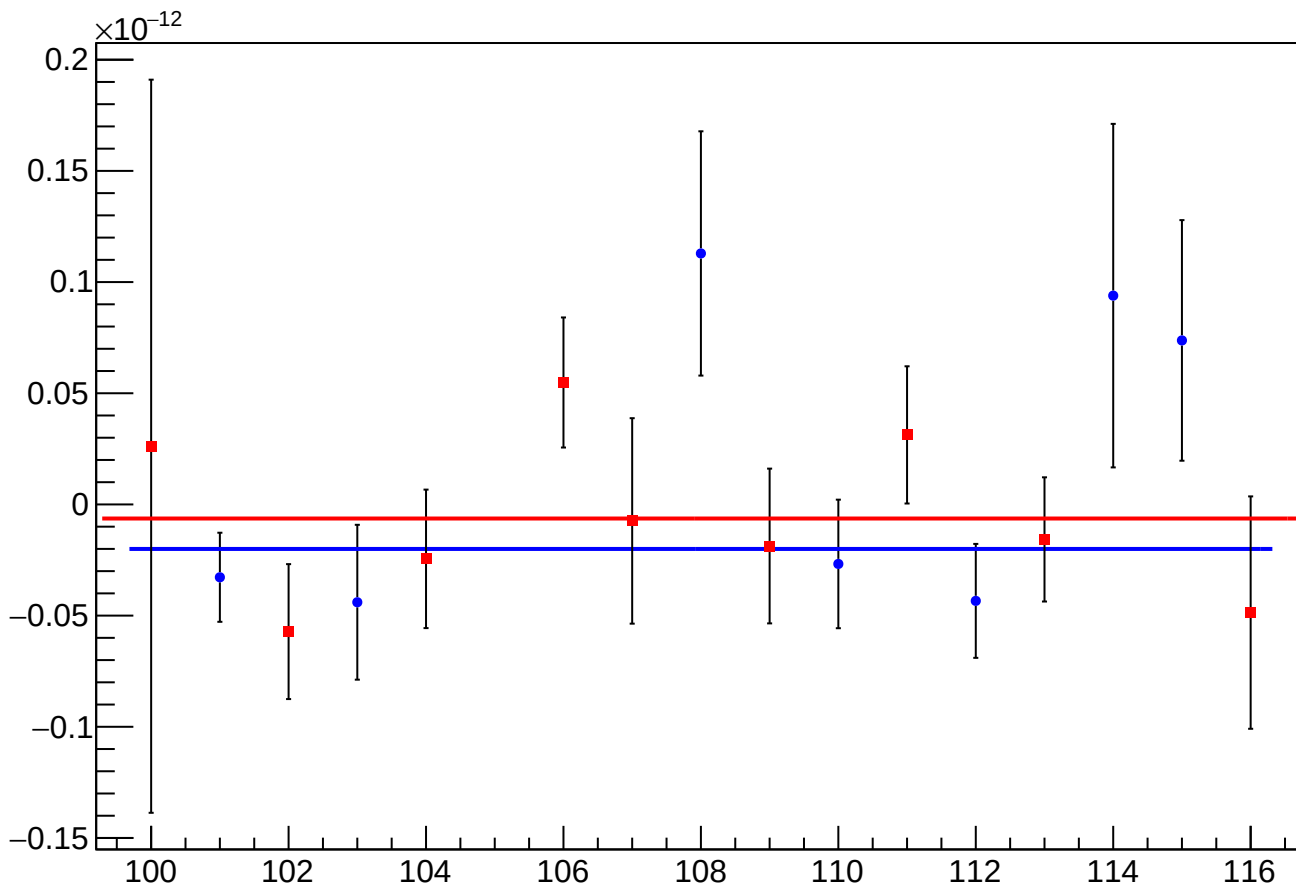
Right: 29.136 $\pm$ 0.010 χ^2 /NDF: 2904121.3/15

In: 32.095 $\pm$ 0.016 χ^2 /NDF:875394.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.136 $\pm$ 0.010 χ^2 /NDF: 2904121.3/15

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

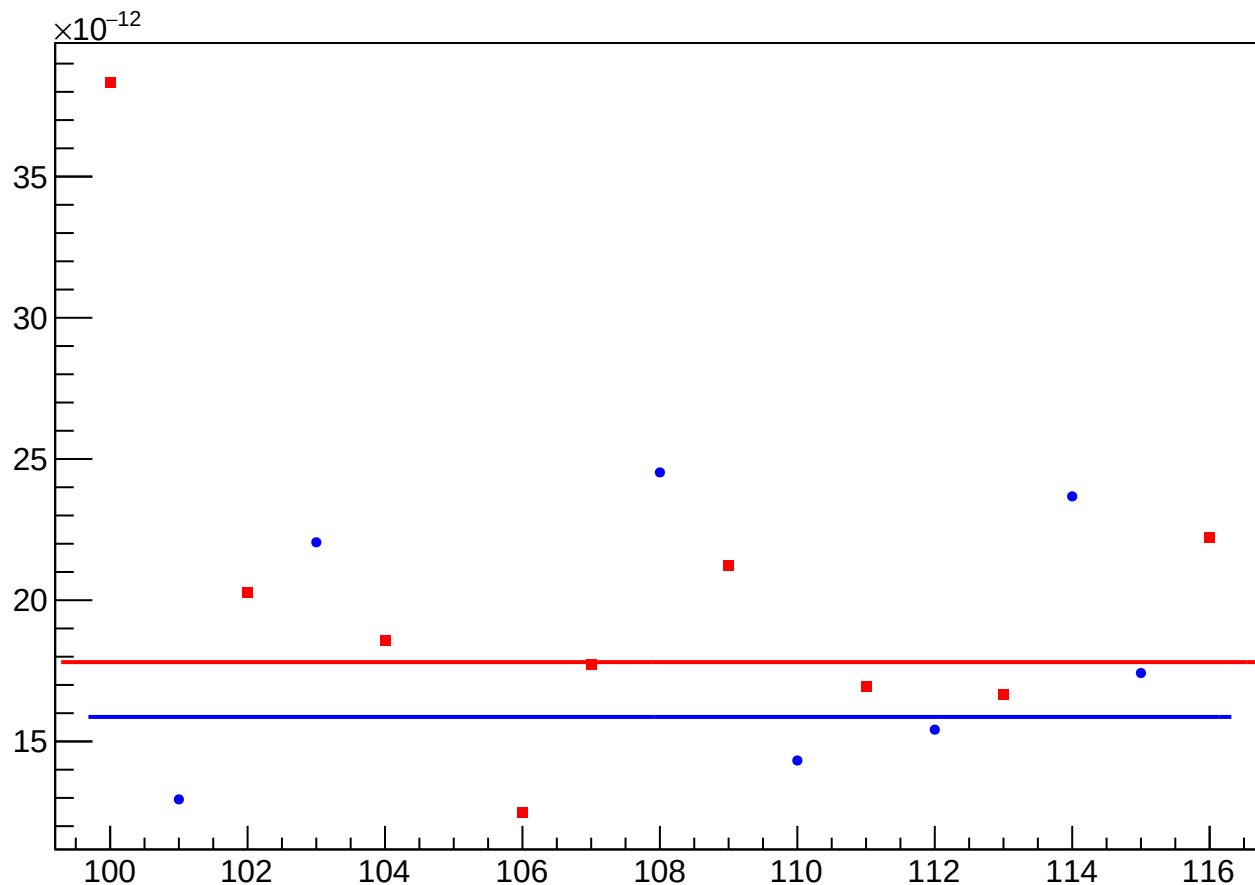
Right: -0.000+/-0.000 χ^2/NDF : 23.4/15

In: -0.000+/-0.000 χ^2/NDF : 12.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.4/15

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 183632.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 149995.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

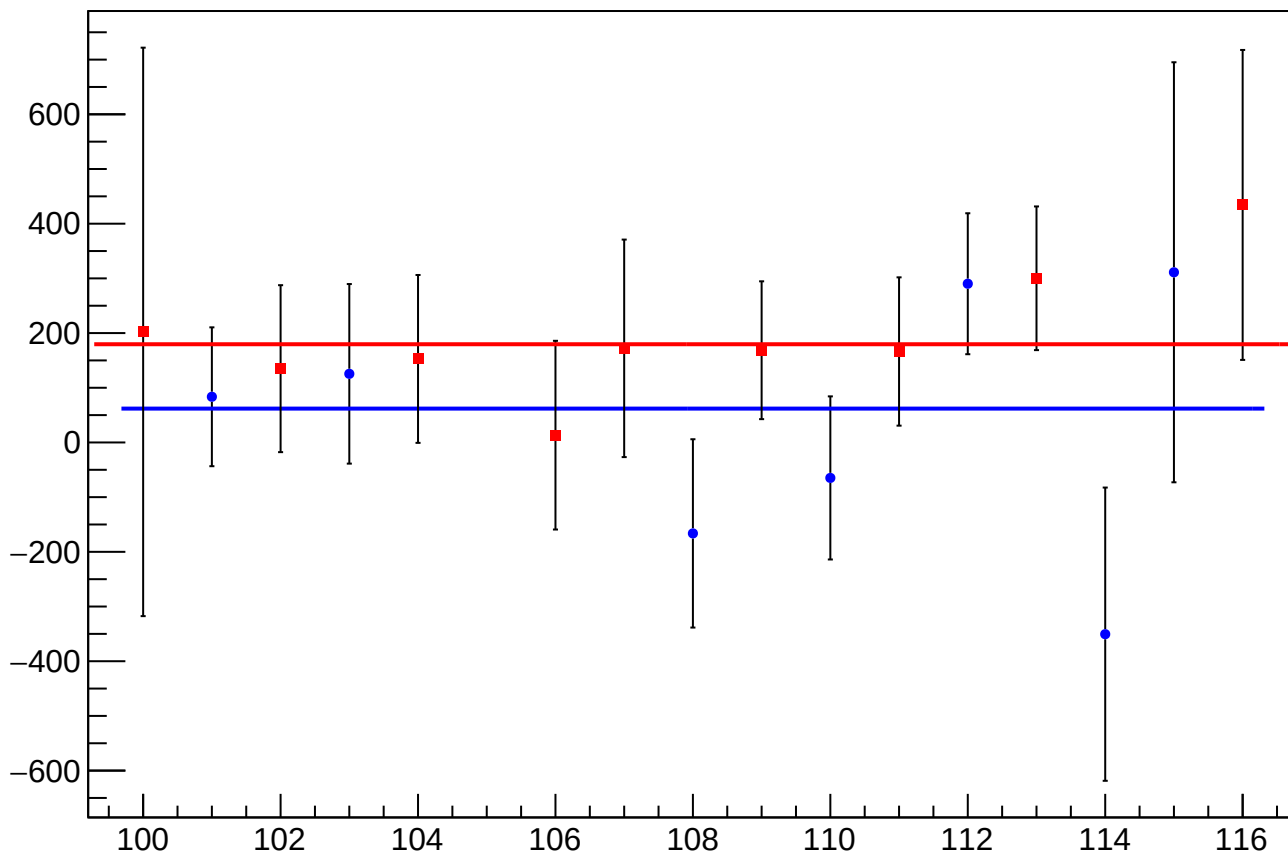
Right: 0.000+/-0.000 χ^2/NDF : 360335.7/15

In: 0.000+/-0.000 χ^2/NDF : 183632.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 360335.7/15

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 61.907+/-62.164 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.591+/-54.575 χ^2/NDF : 2.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

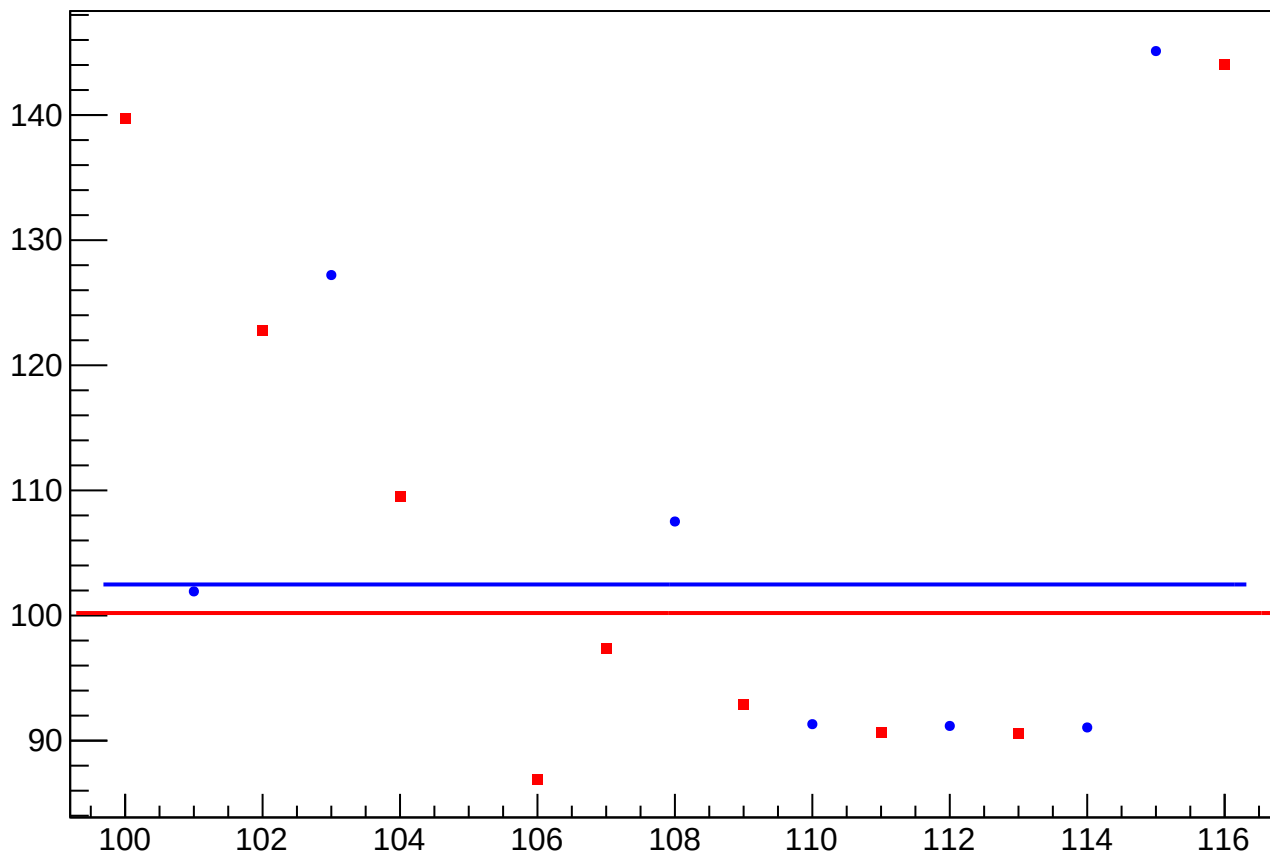
Right: 128.367+/-41.013 χ^2/NDF : 13.3/15

In: 61.907+/-62.164 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.367+/-41.013 χ^2/NDF : 13.3/15

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 102.482+/-0.044 χ^2/NDF : 102013.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.199+/-0.039 χ^2/NDF : 150055.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

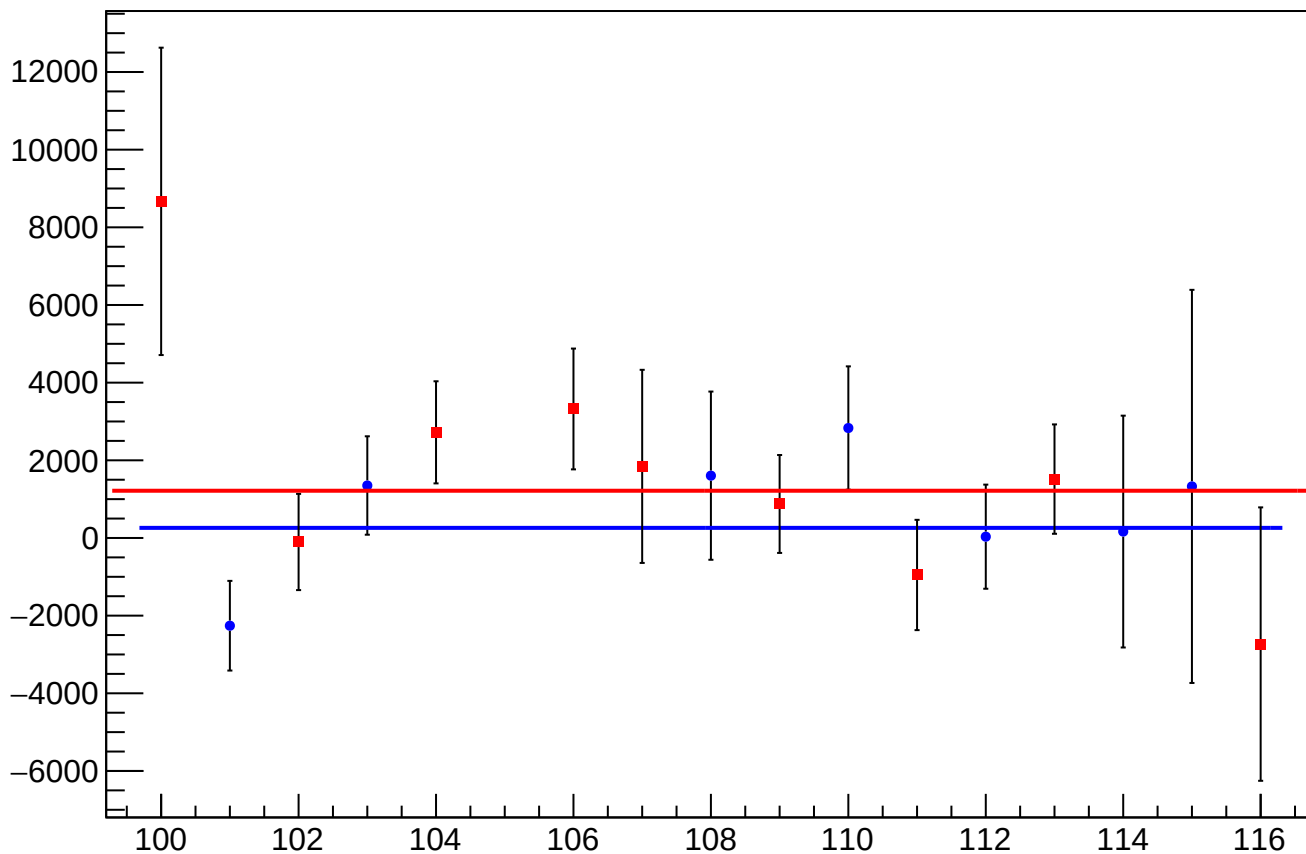
Right: 101.193+/-0.029 χ^2/NDF : 253592.5/15

In: 102.482+/-0.044 χ^2/NDF : 102013.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.193+/-0.029 χ^2/NDF : 253592.5/15

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 260.402 $\pm$ 609.707 χ^2 /NDF: 8.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1216.392 $\pm$ 528.616 χ^2 /NDF: 11.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

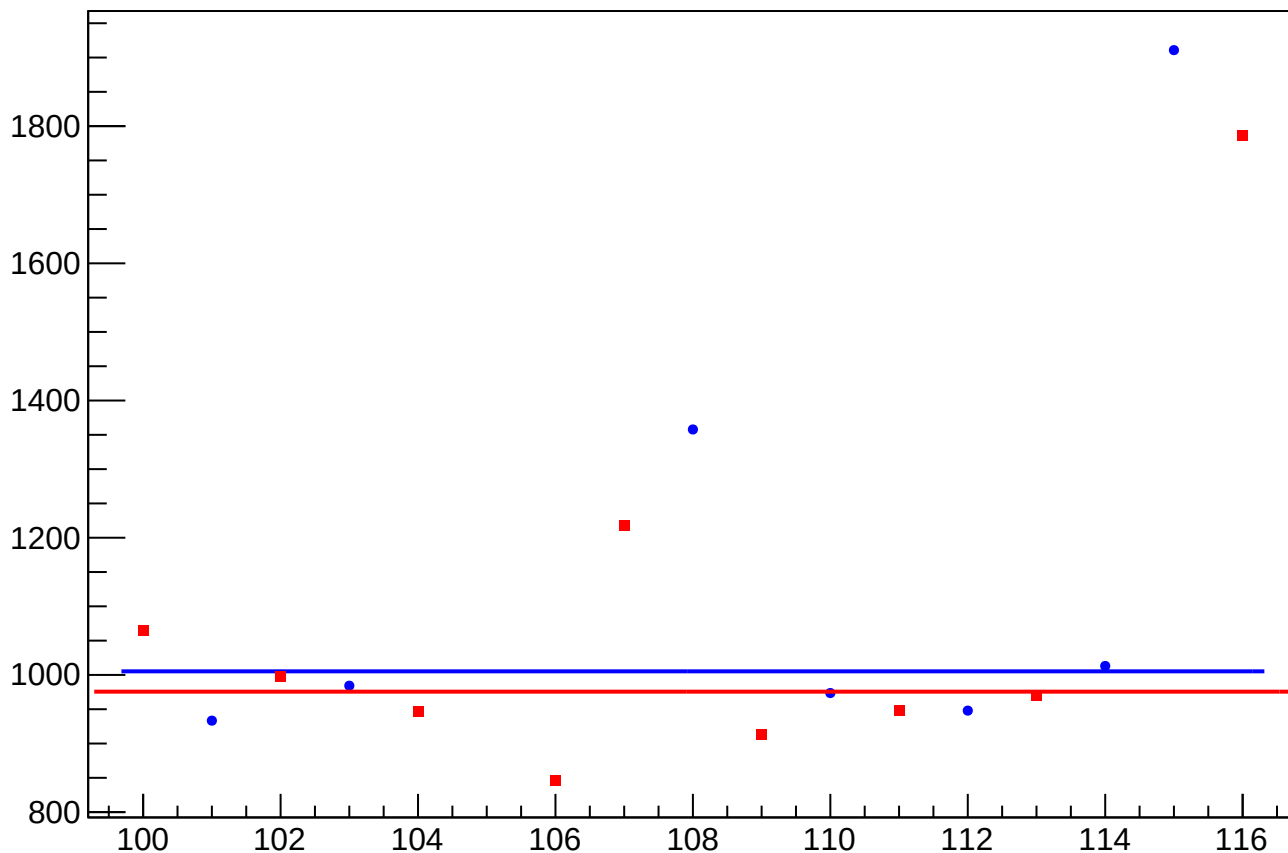
Right: 806.155 $\pm$ 399.403 χ^2 /NDF: 21.6/15

In: 260.402 $\pm$ 609.707 χ^2 /NDF:8.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 806.155 $\pm$ 399.403 χ^2 /NDF: 21.6/15

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1005.246+/-0.431 χ^2/NDF : 129775.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 975.611+/-0.374 χ^2/NDF : 147169.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

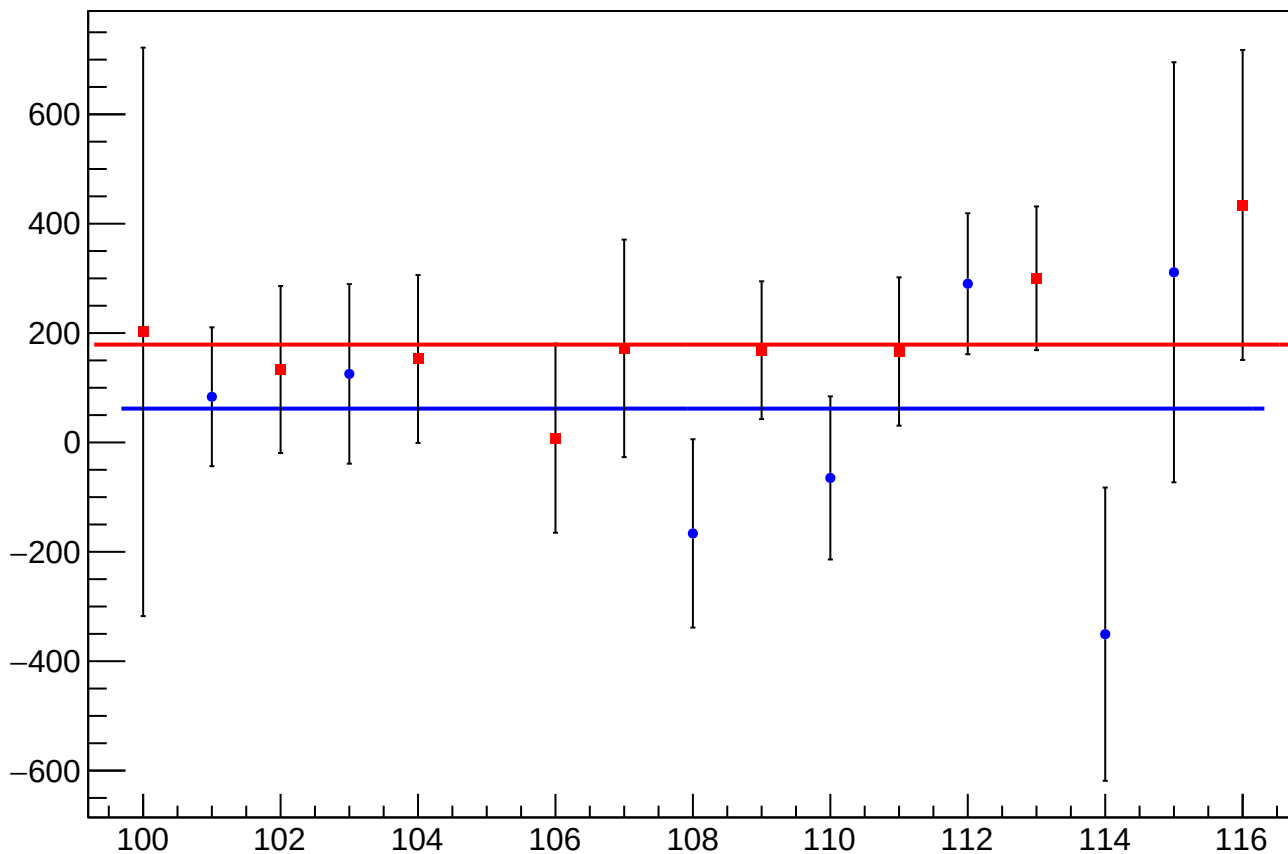
Right: 988.328+/-0.282 χ^2/NDF : 279642.6/15

In: 1005.246+/-0.431 χ^2/NDF : 129775.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.328+/-0.282 χ^2/NDF : 279642.6/15

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 61.881+/-62.164 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.881+/-54.588 χ^2/NDF : 2.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

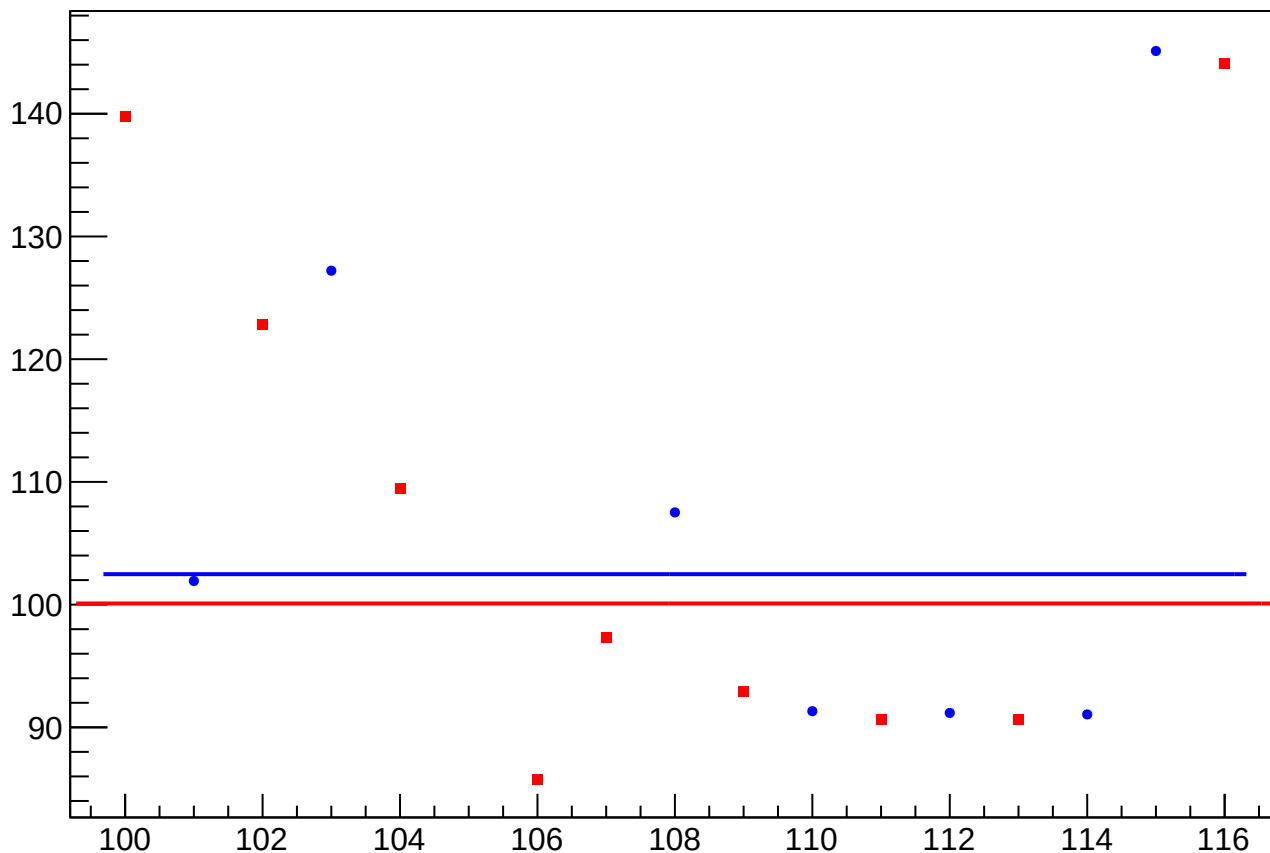
Right: 127.941+/-41.018 χ^2/NDF : 13.4/15

In: 61.881+/-62.164 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.941+/-41.018 χ^2/NDF : 13.4/15

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 102.482 $\pm$ 0.044 χ^2 /NDF: 102015.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.094 $\pm$ 0.039 χ^2 /NDF: 152276.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

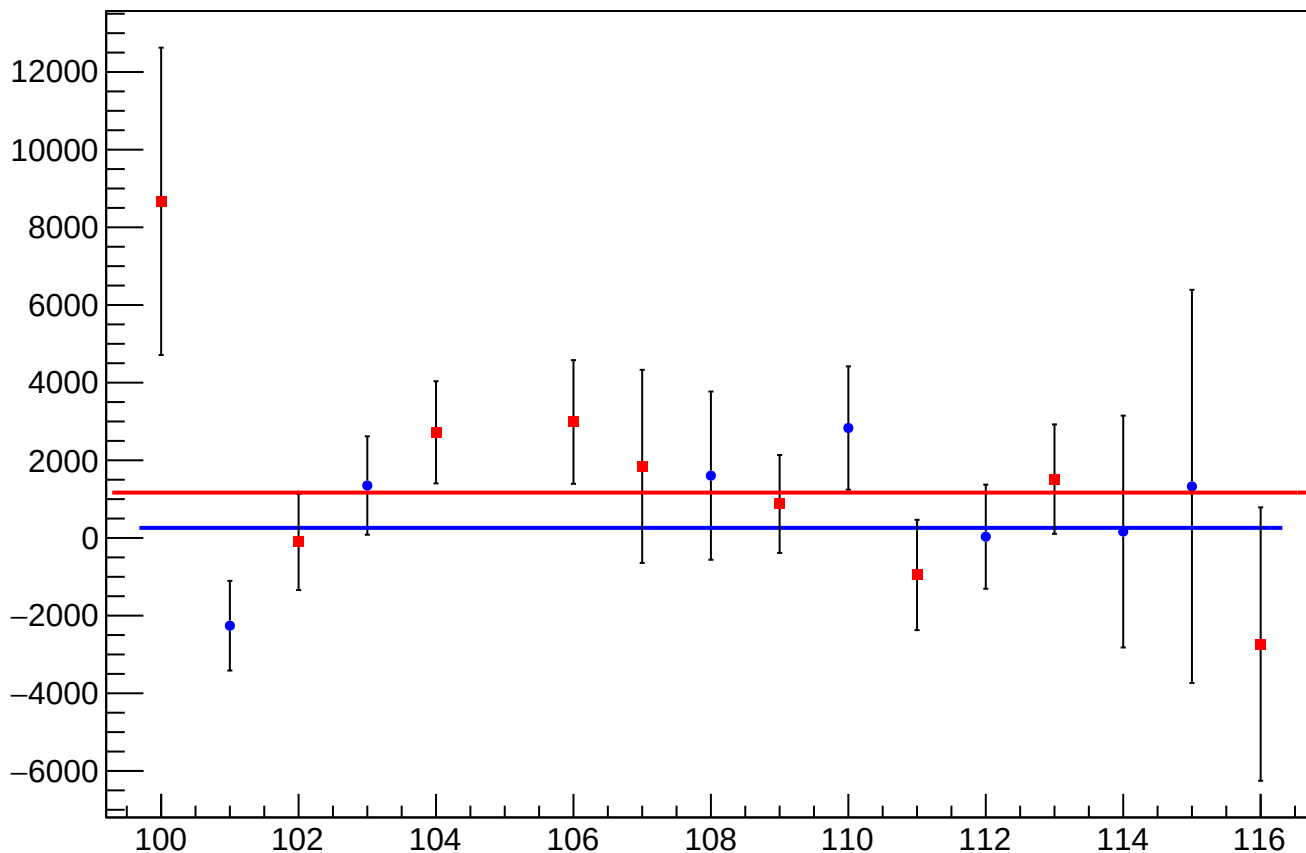
Right: 101.134 $\pm$ 0.029 χ^2 /NDF: 255958.8/15

In: 102.482 $\pm$ 0.044 χ^2 /NDF: 102015.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.134 $\pm$ 0.029 χ^2 /NDF: 255958.8/15

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 260.229+/-609.715 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1168.832+/-530.053 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

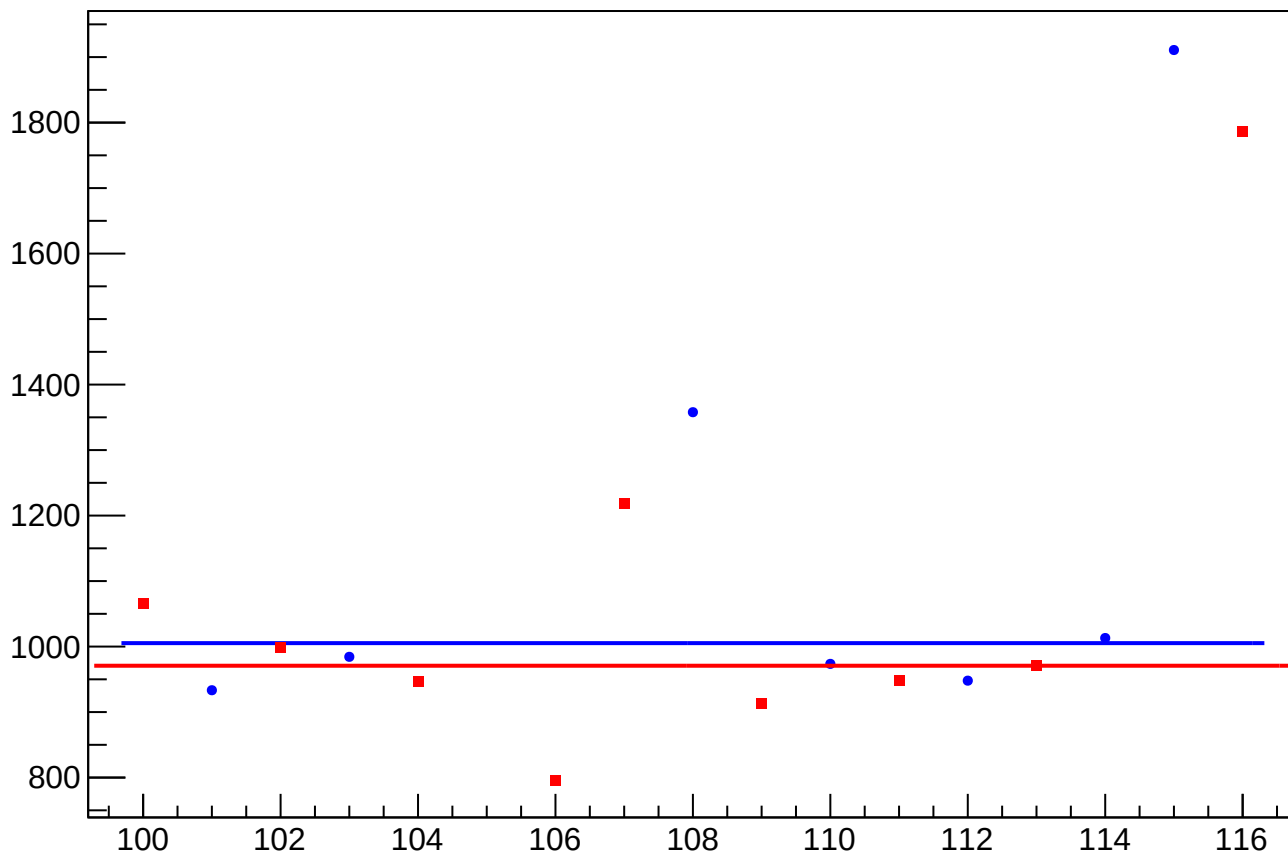
Right: 777.727+/-400.024 χ^2/NDF : 20.8/15

In: 260.229+/-609.715 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.727+/-400.024 χ^2/NDF : 20.8/15

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.261+/-0.431 χ^2/NDF : 129771.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.754+/-0.375 χ^2/NDF : 158680.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

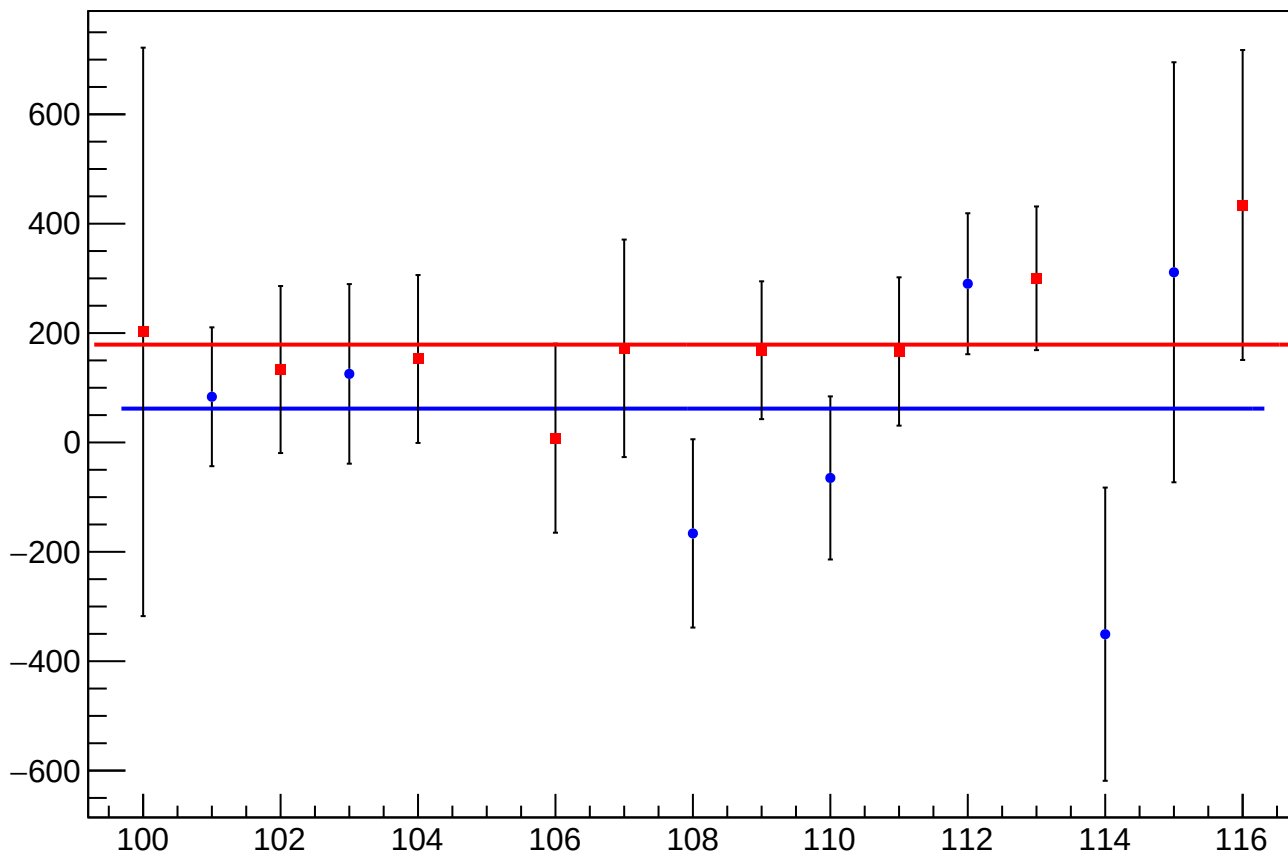
Right: 985.607+/-0.283 χ^2/NDF : 292100.4/15

In: 1005.261+/-0.431 χ^2/NDF : 129771.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.607+/-0.283 χ^2/NDF : 292100.4/15

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 61.881+/-62.164 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.881+/-54.588 χ^2/NDF : 2.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

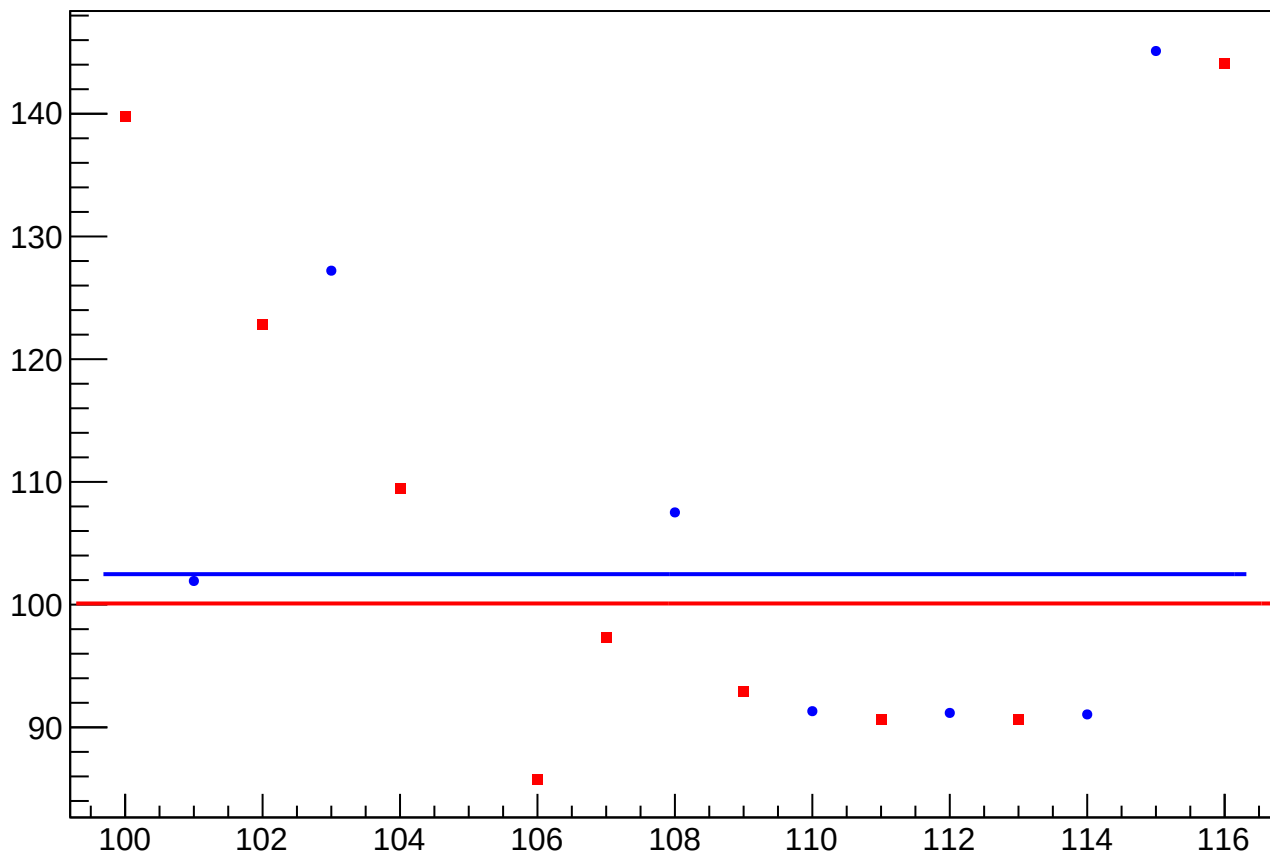
Right: 127.941+/-41.018 χ^2/NDF : 13.4/15

In: 61.881+/-62.164 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.941+/-41.018 χ^2/NDF : 13.4/15

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 102.482+/-0.044 χ^2/NDF : 102015.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.094+/-0.039 χ^2/NDF : 152276.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

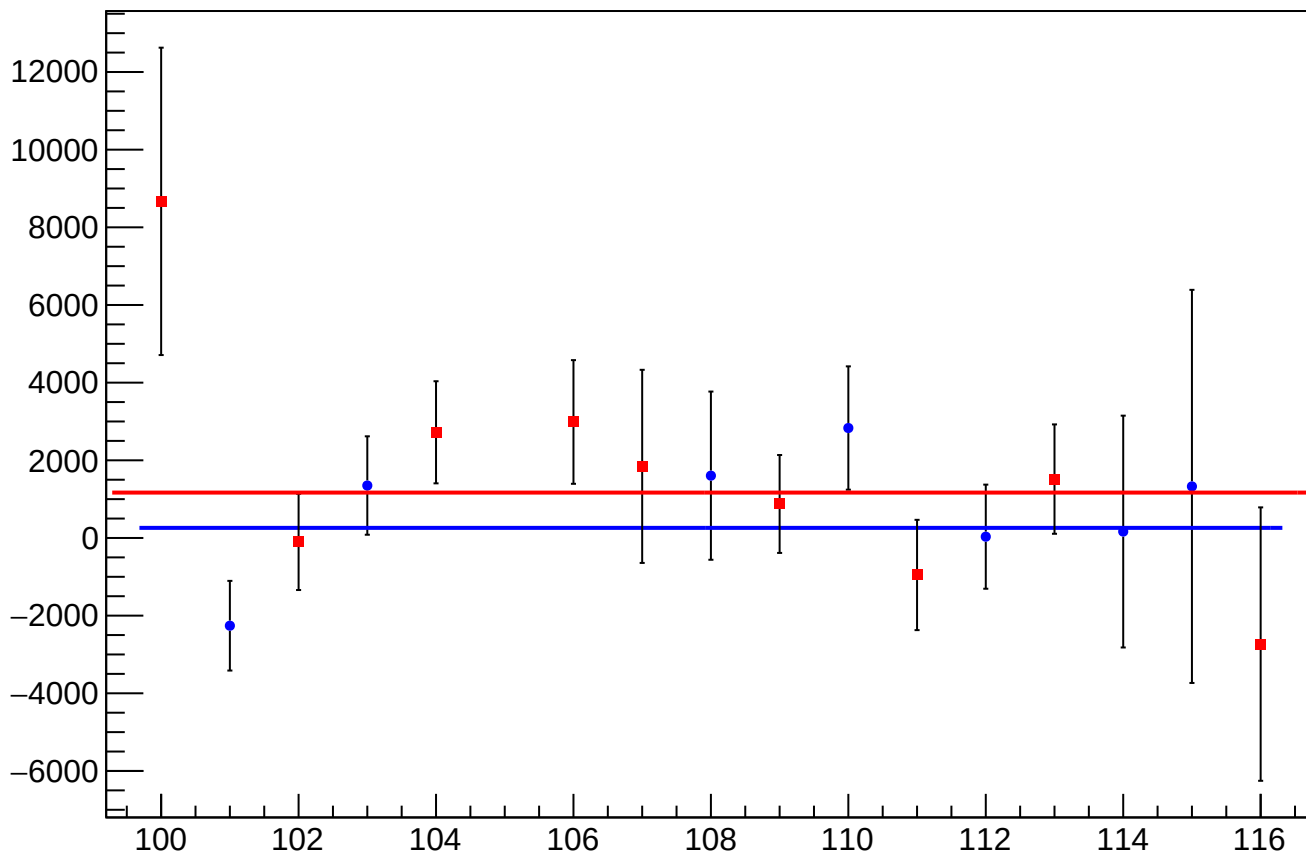
Right: 101.134+/-0.029 χ^2/NDF : 255958.8/15

In: 102.482+/-0.044 χ^2/NDF : 102015.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.134+/-0.029 χ^2/NDF : 255958.8/15

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 260.229+/-609.715 χ^2/NDF : 8.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1168.832+/-530.053 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

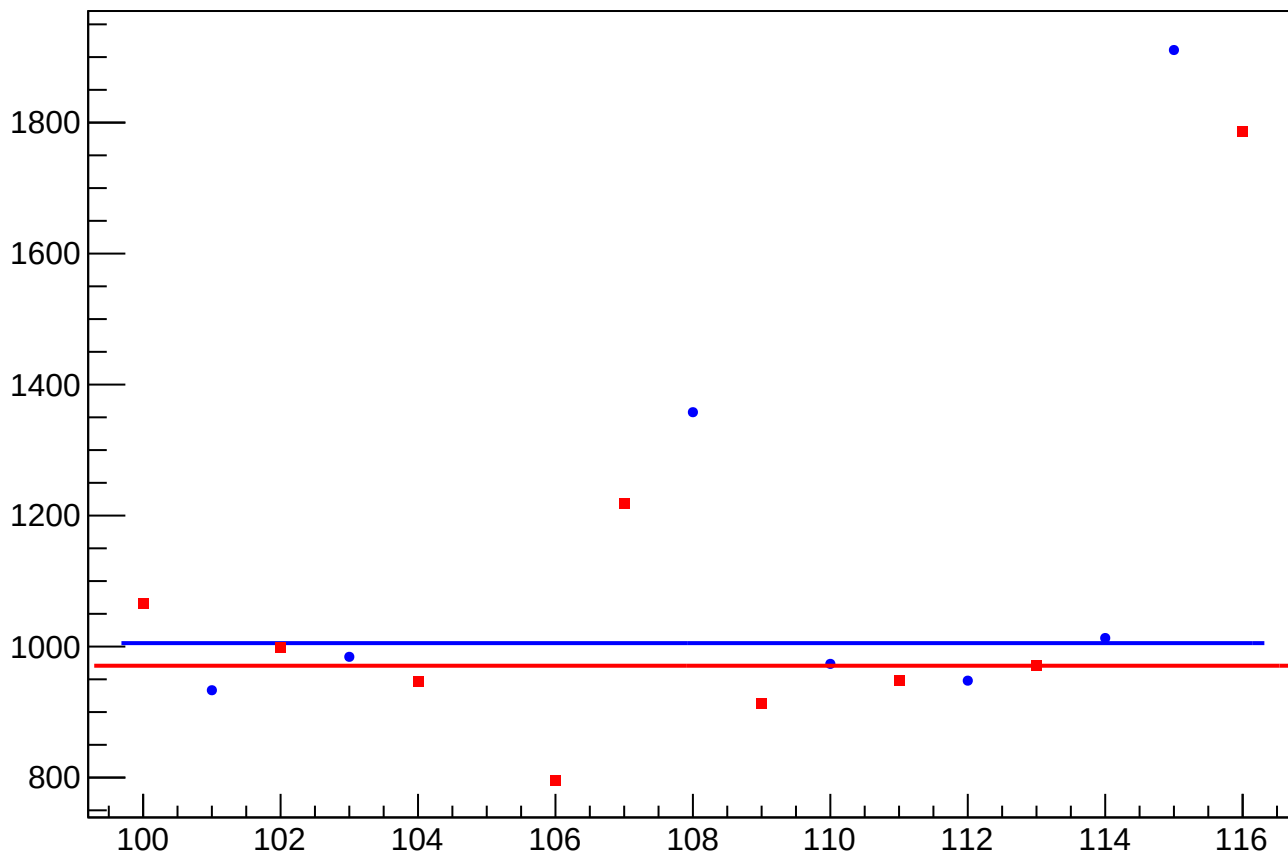
Right: 777.727+/-400.024 χ^2/NDF : 20.8/15

In: 260.229+/-609.715 χ^2/NDF : 8.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.727+/-400.024 χ^2/NDF : 20.8/15

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.261+/-0.431 χ^2/NDF : 129771.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.754+/-0.375 χ^2/NDF : 158680.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

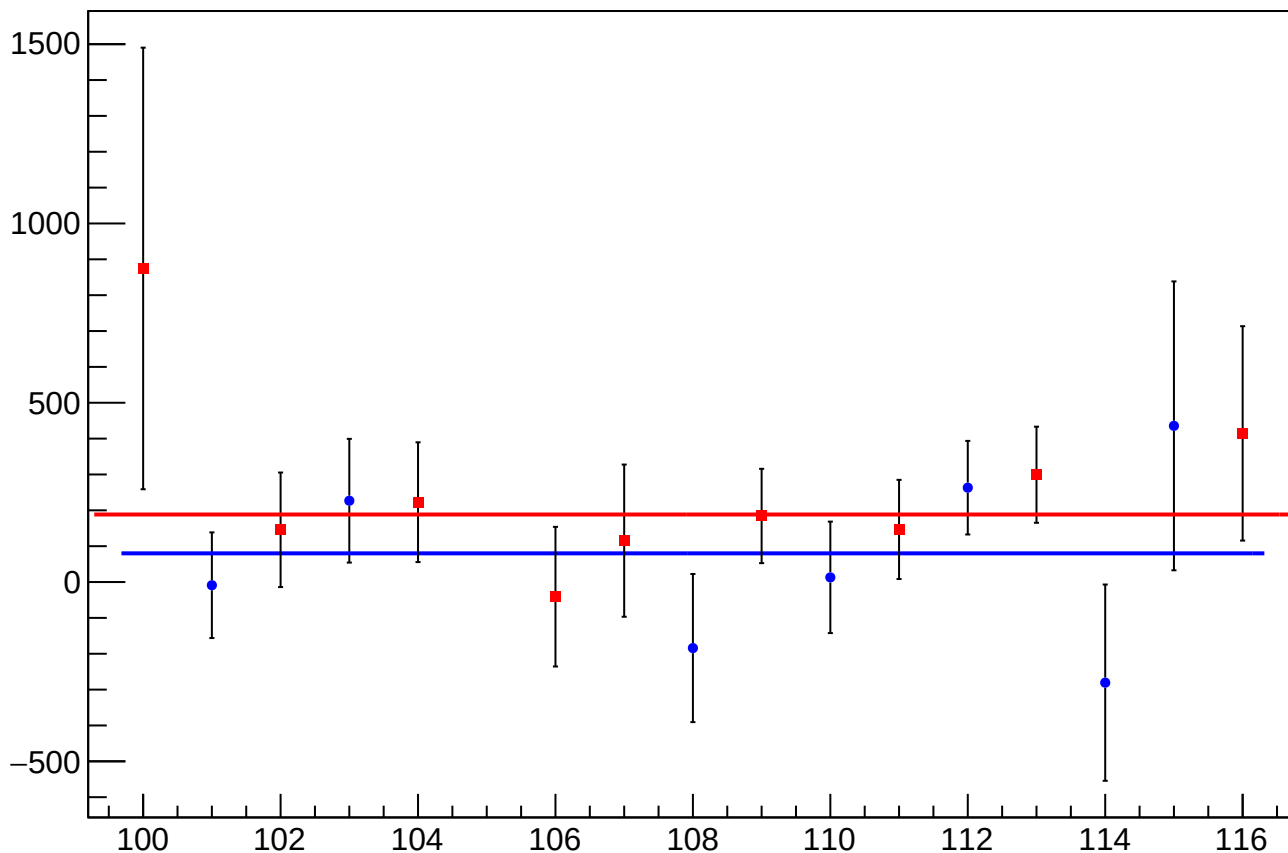
Right: 985.607+/-0.283 χ^2/NDF : 292100.4/15

In: 1005.261+/-0.431 χ^2/NDF : 129771.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.607+/-0.283 χ^2/NDF : 292100.4/15

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 80.018+/-67.003 χ^2/NDF : 7.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.326+/-57.424 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

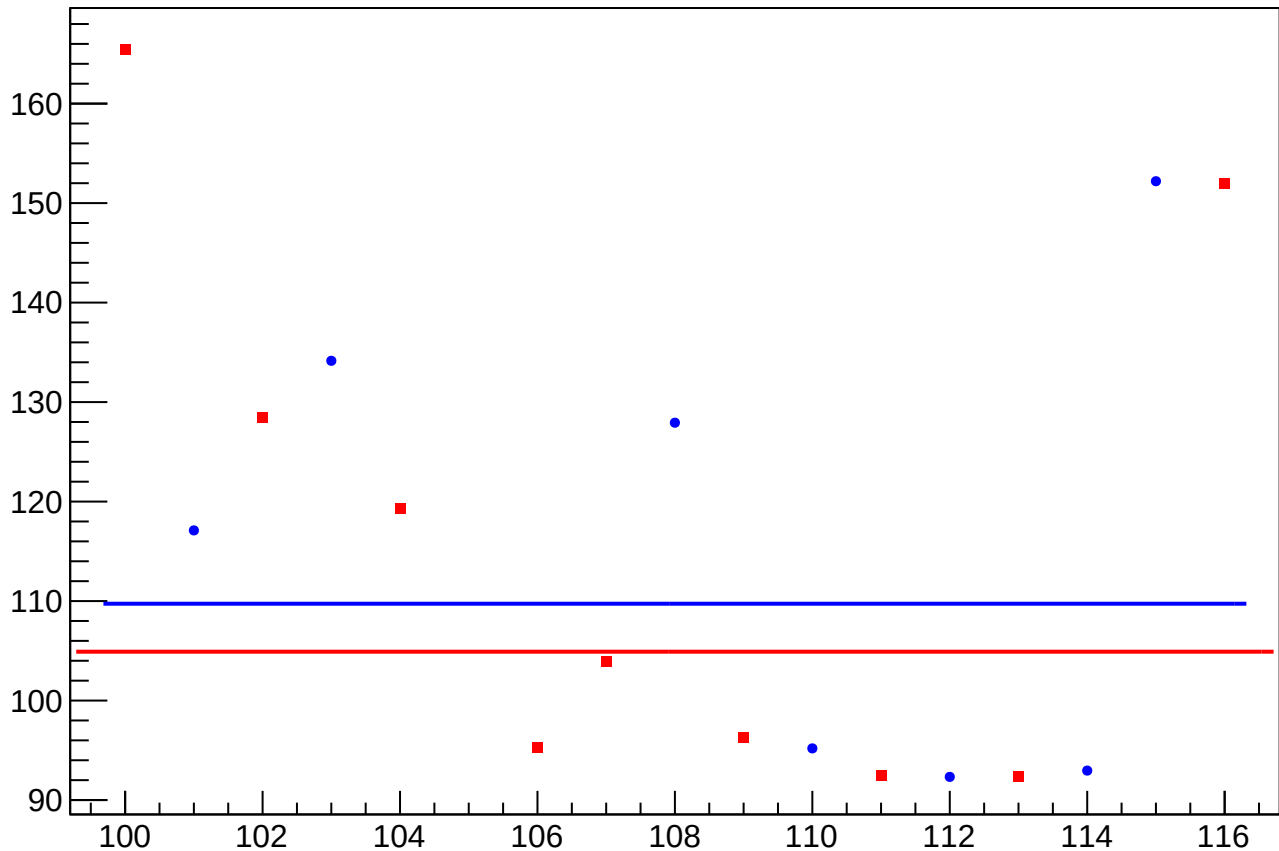
Right: 142.462+/-43.602 χ^2/NDF : 13.1/15

In: 80.018+/-67.003 χ^2/NDF : 7.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.462+/-43.602 χ^2/NDF : 13.1/15

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.734+/-0.047 χ^2/NDF : 143394.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.913+/-0.041 χ^2/NDF : 174393.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

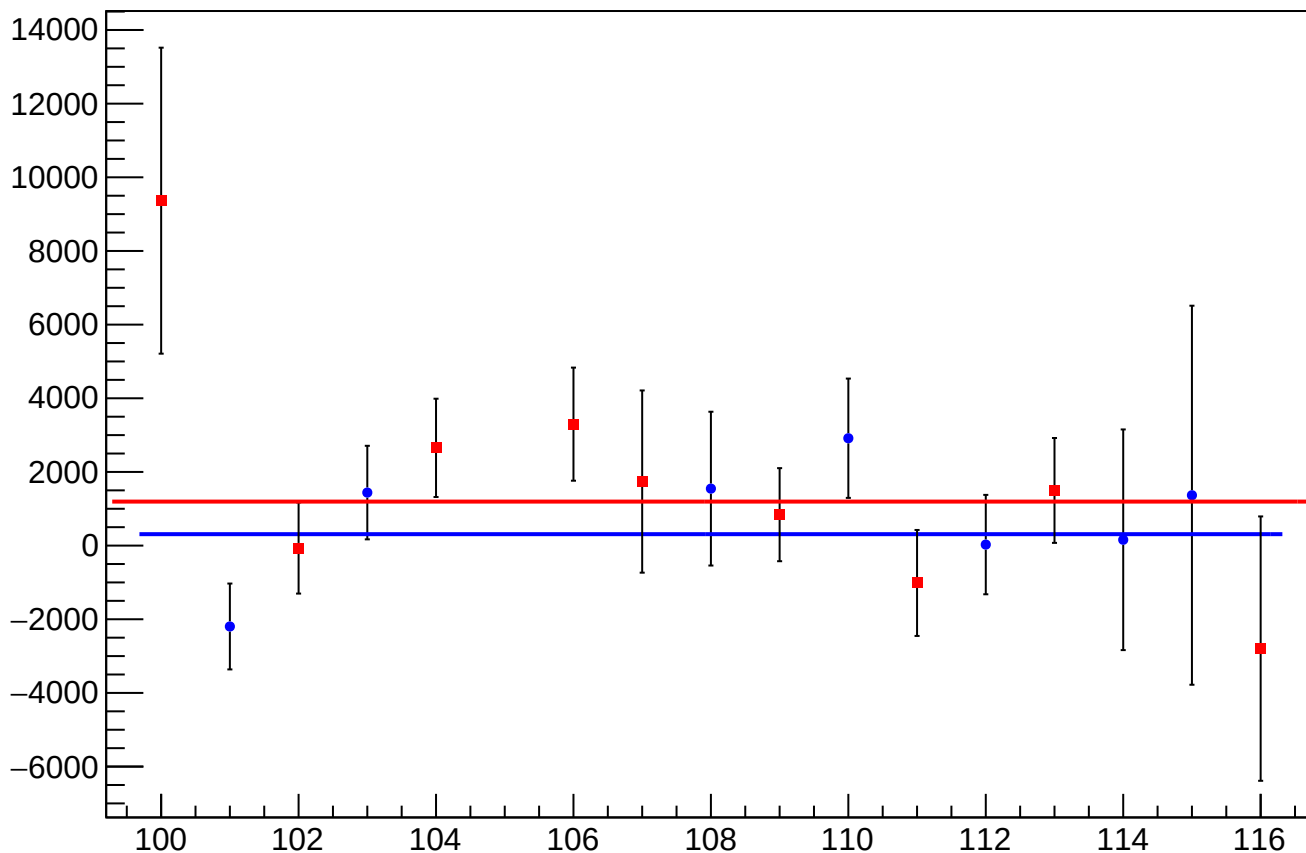
Right: 106.954+/-0.031 χ^2/NDF : 323758.5/15

In: 109.734+/-0.047 χ^2/NDF : 143394.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.954+/-0.031 χ^2/NDF : 323758.5/15

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.382+/-612.592 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1195.021+/-531.481 χ^2/NDF : 11.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

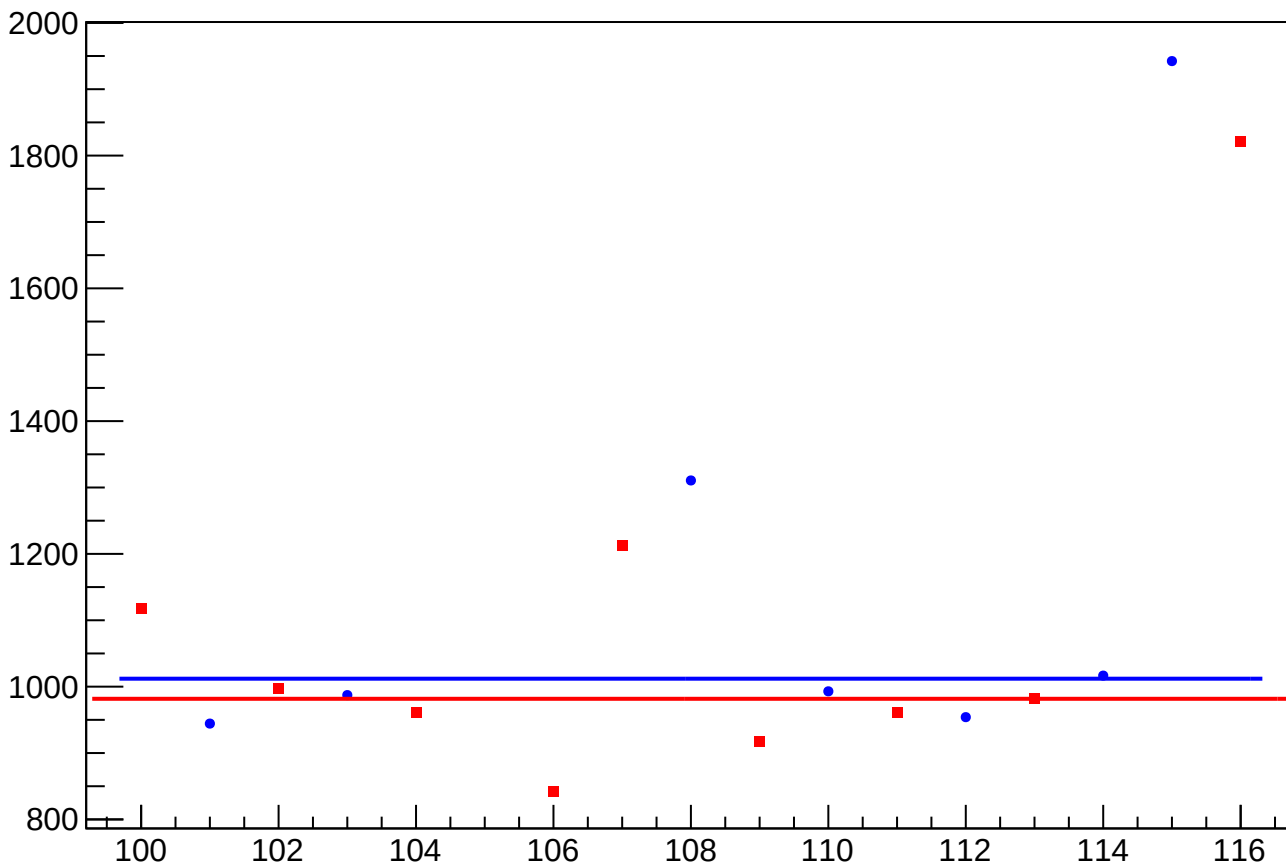
Right: 815.106+/-401.450 χ^2/NDF : 21.4/15

In: 310.382+/-612.592 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.106+/-401.450 χ^2/NDF : 21.4/15

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1011.985+/-0.433 χ^2/NDF : 117742.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 981.709+/-0.376 χ^2/NDF : 151990.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

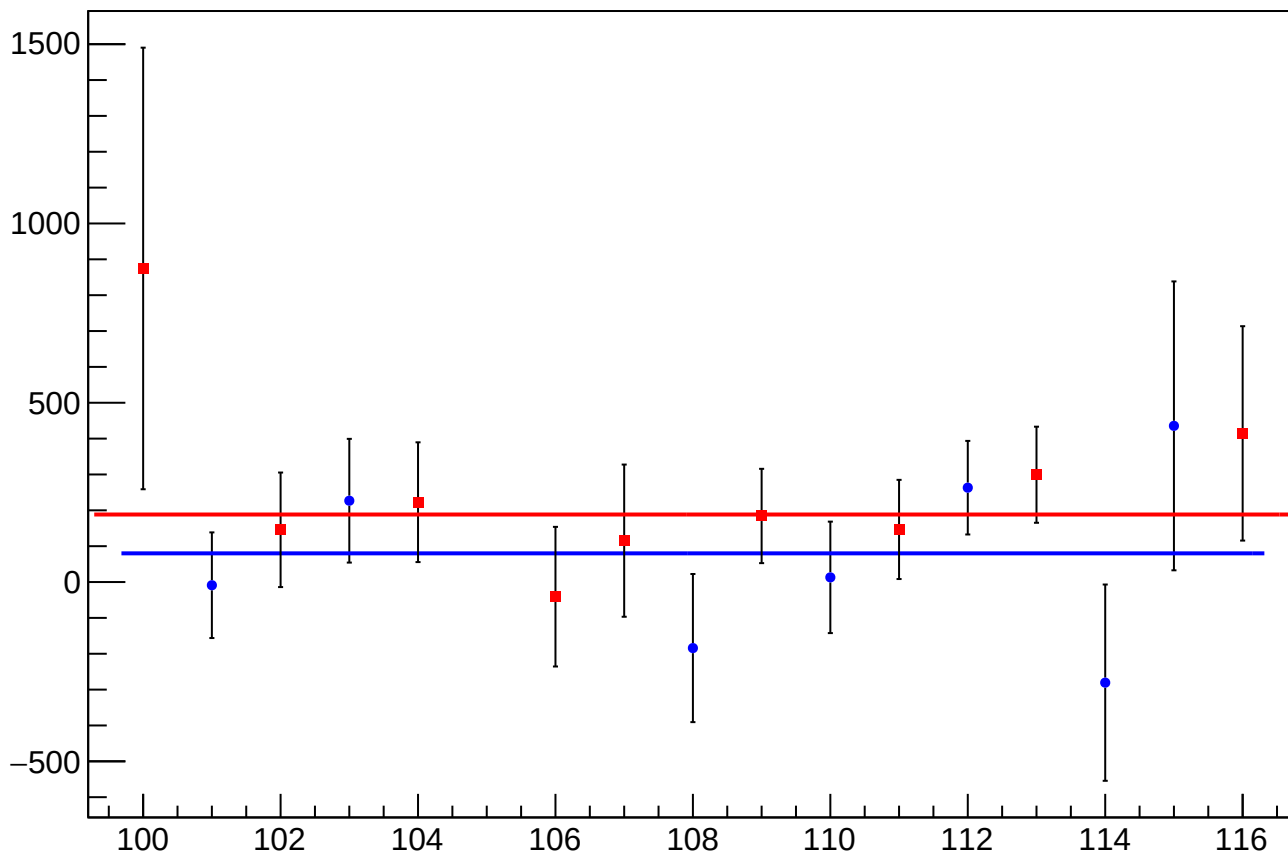
Right: 994.711+/-0.284 χ^2/NDF : 272520.1/15

In: 1011.985+/-0.433 χ^2/NDF :117742.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 994.711+/-0.284 χ^2/NDF : 272520.1/15

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 80.018+/-67.003 χ^2/NDF : 7.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.326+/-57.424 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

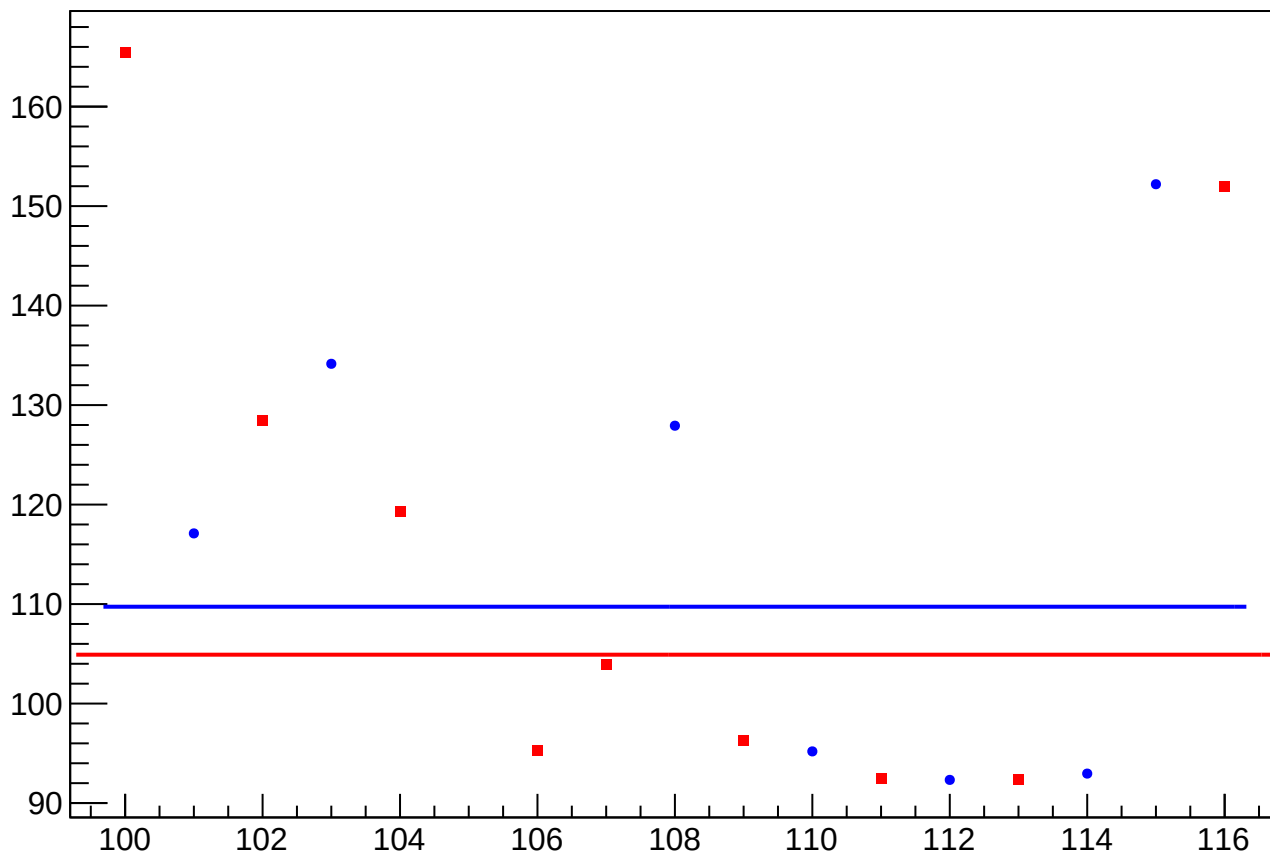
Right: 142.461+/-43.602 χ^2/NDF : 13.1/15

In: 80.018+/-67.003 χ^2/NDF : 7.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.461+/-43.602 χ^2/NDF : 13.1/15

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.734+/-0.047 χ^2/NDF : 143398.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 104.913+/-0.041 χ^2/NDF : 174395.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

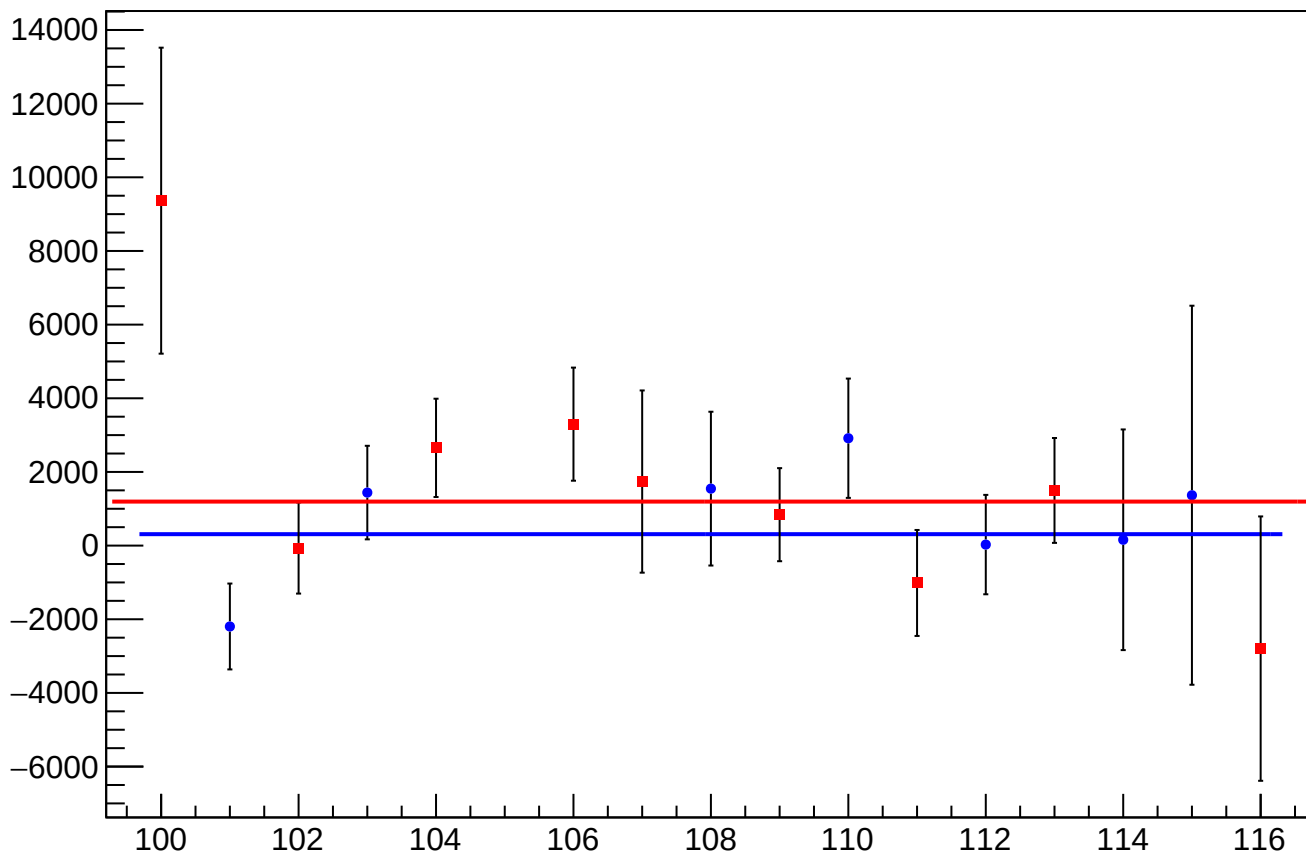
Right: 106.954+/-0.031 χ^2/NDF : 323764.2/15

In: 109.734+/-0.047 χ^2/NDF :143398.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 106.954+/-0.031 χ^2/NDF : 323764.2/15

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.383+/-612.592 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1195.020+/-531.481 χ^2/NDF : 11.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

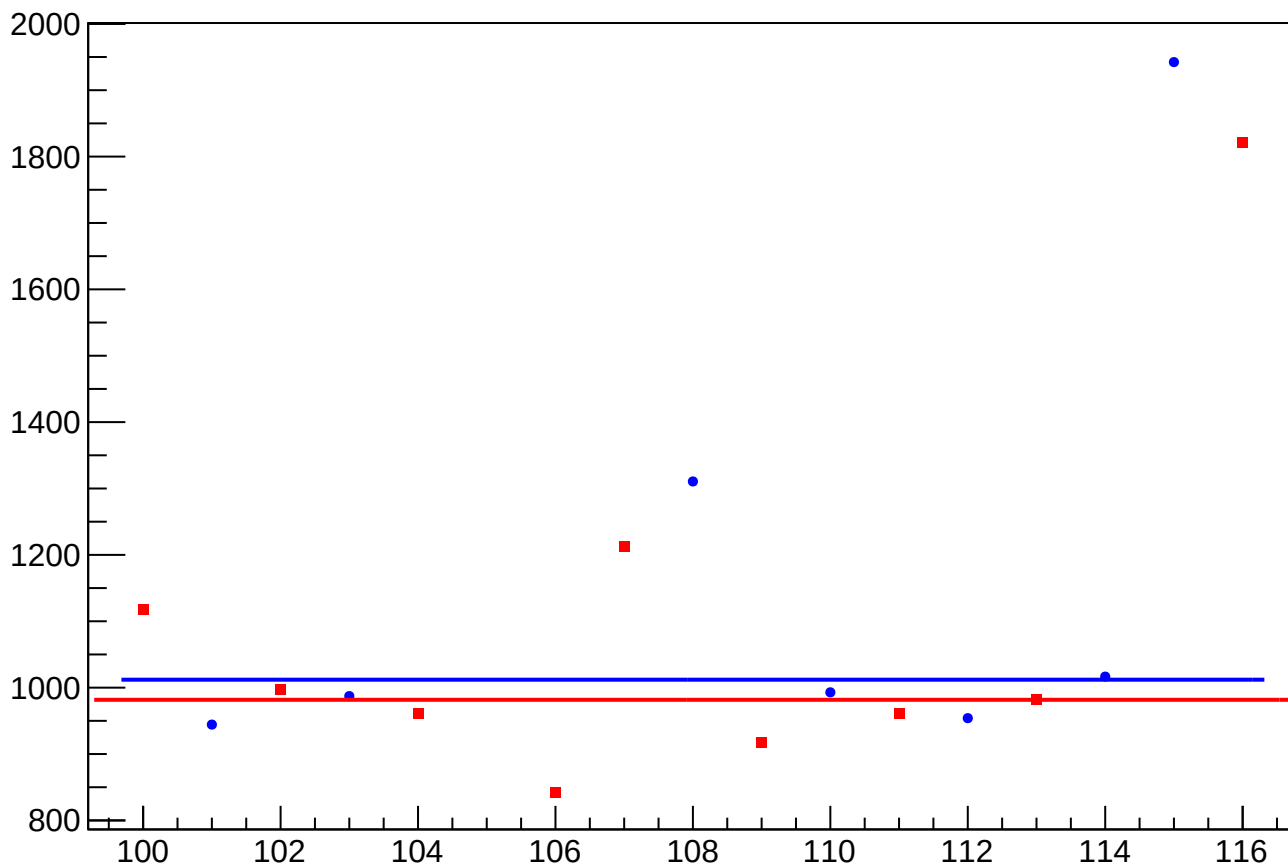
Right: 815.106+/-401.450 χ^2/NDF : 21.4/15

In: 310.383+/-612.592 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.106+/-401.450 χ^2/NDF : 21.4/15

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1011.985+/-0.433 χ^2/NDF : 117742.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 981.709+/-0.376 χ^2/NDF : 151991.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

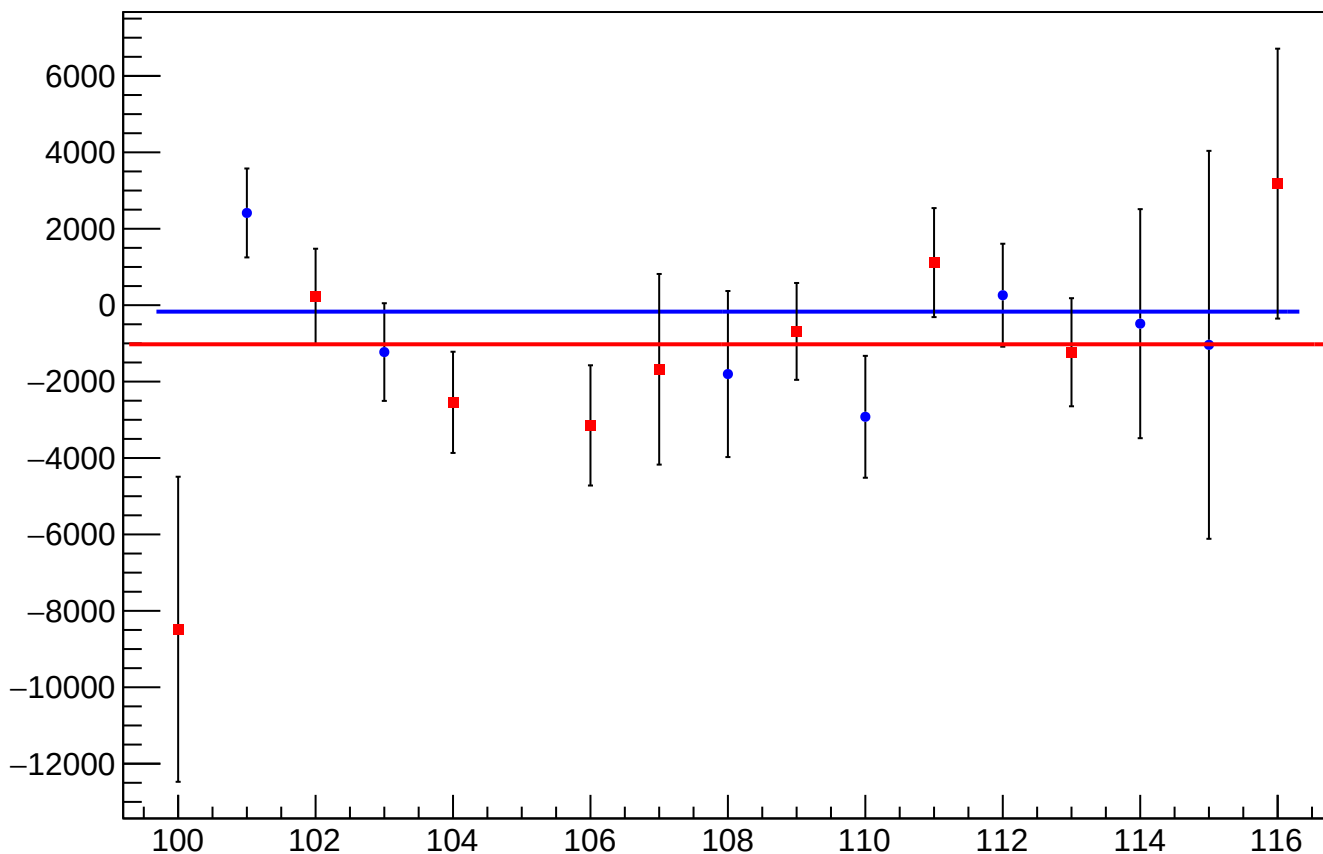
Right: 994.711+/-0.284 χ^2/NDF : 272520.6/15

In: 1011.985+/-0.433 χ^2/NDF : 117742.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 994.711+/-0.284 χ^2/NDF : 272520.6/15

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -169.057+/-613.489 χ^2/NDF : 9.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1023.676+/-532.024 χ^2/NDF : 11.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

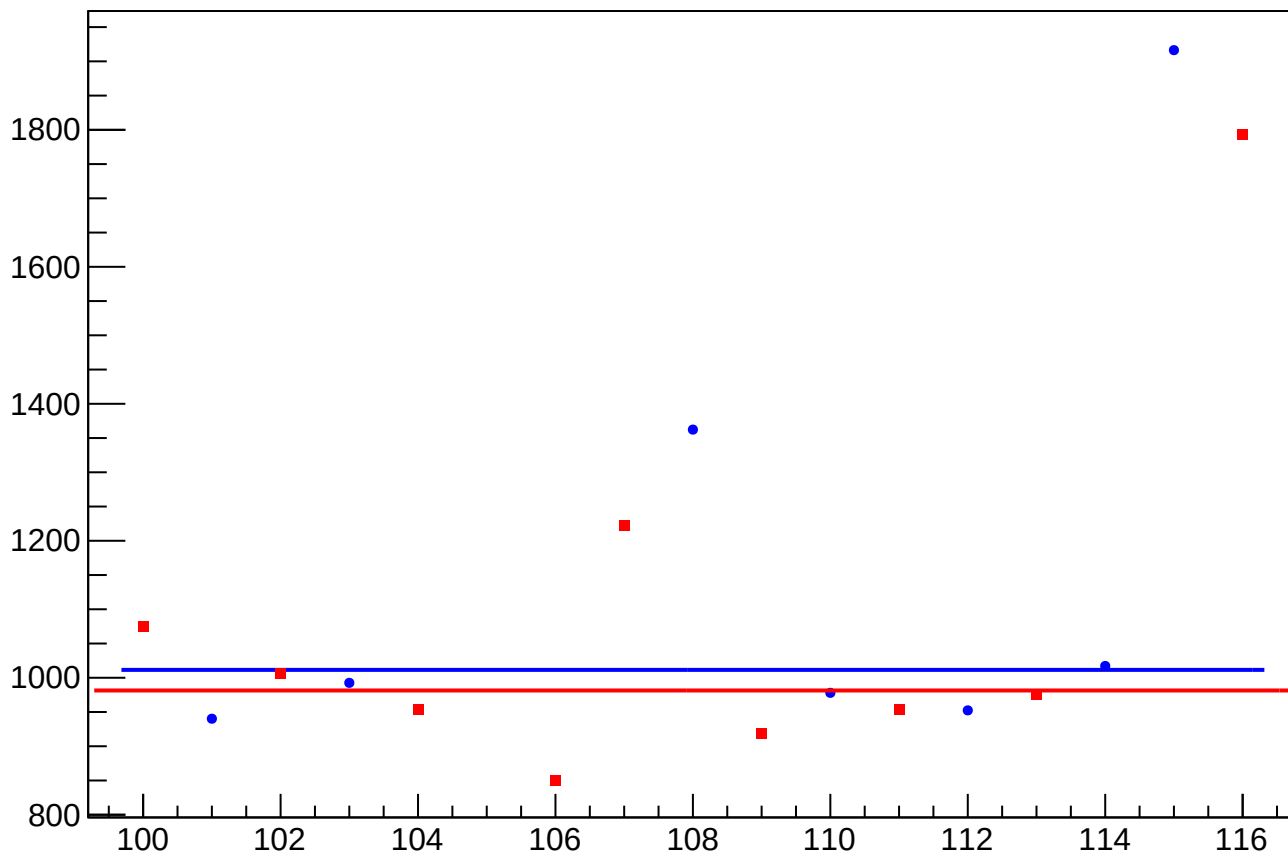
Right: -656.838+/-401.937 χ^2/NDF : 21.9/15

In: -169.057+/-613.489 χ^2/NDF : 9.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -656.838+/-401.937 χ^2/NDF : 21.9/15

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1011.519+/-0.434 χ^2/NDF : 128362.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 981.424+/-0.376 χ^2/NDF : 146408.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

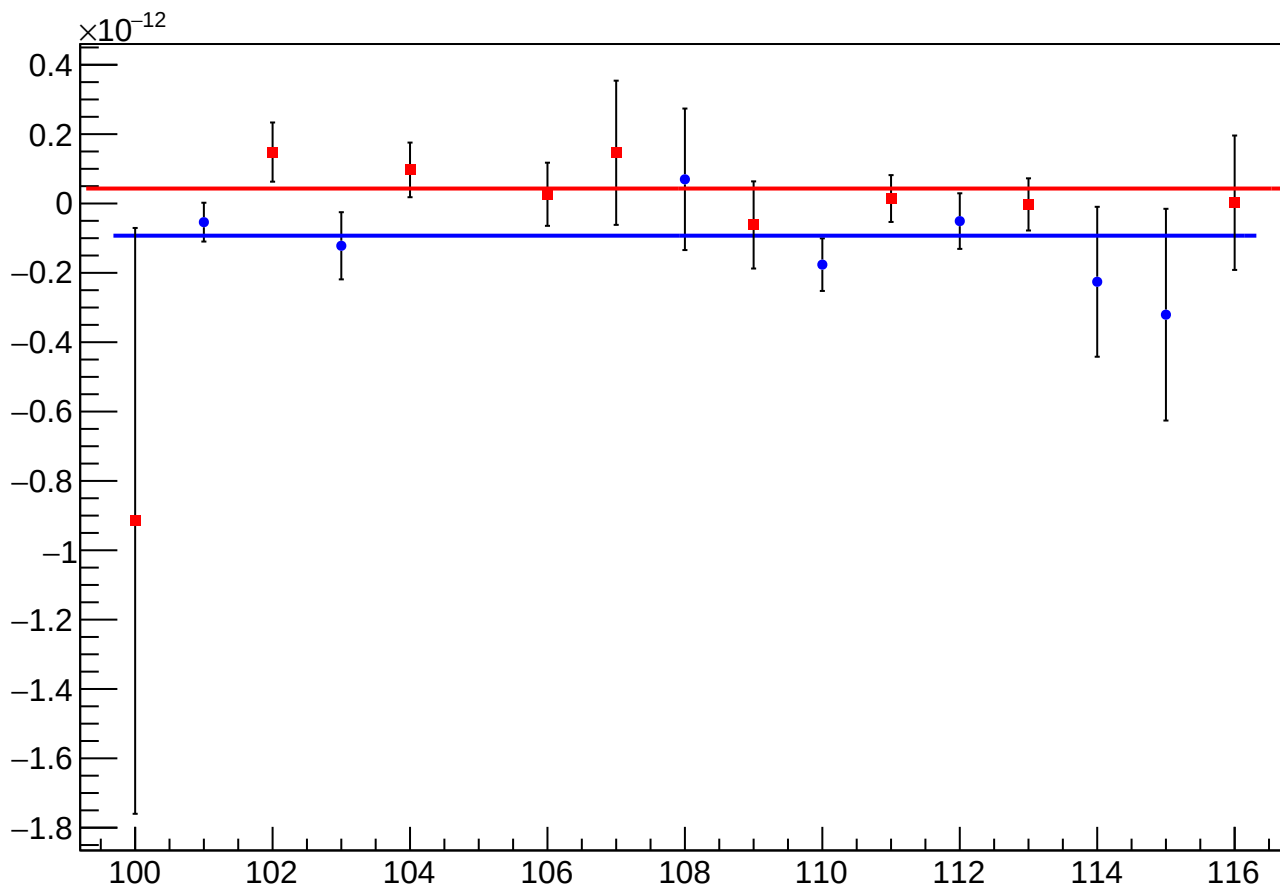
Right: 994.342+/-0.284 χ^2/NDF : 277517.3/15

In: 1011.519+/-0.434 χ^2/NDF : 128362.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 994.342+/-0.284 χ^2/NDF : 277517.3/15

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

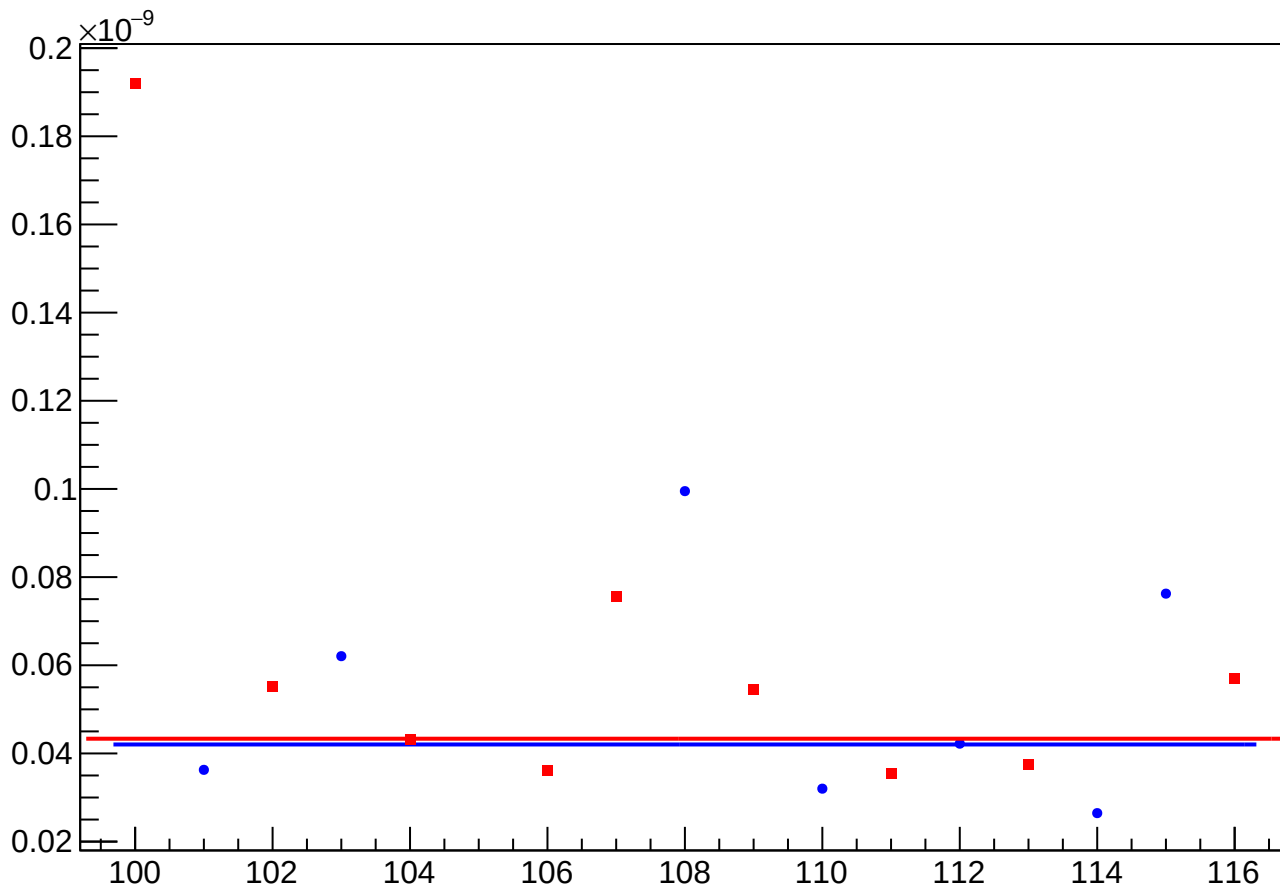
Right: -0.000+/-0.000 χ^2/NDF : 16.5/15

In: -0.000+/-0.000 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/15

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 335810.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226427.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

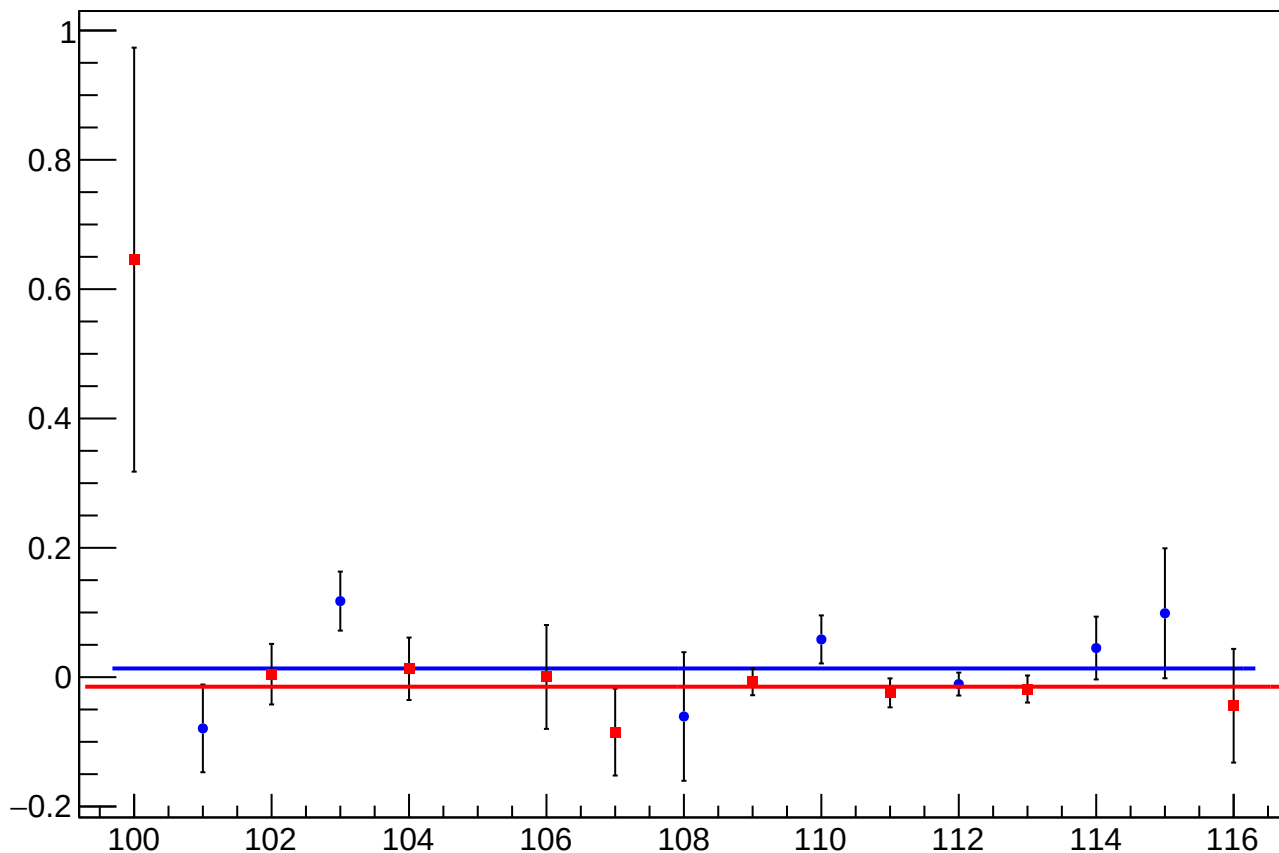
Right: 0.000+/-0.000 χ^2/NDF : 563719.2/15

In: 0.000+/-0.000 χ^2/NDF : 335810.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 563719.2/15

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.014 χ^2/NDF : 12.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.011 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

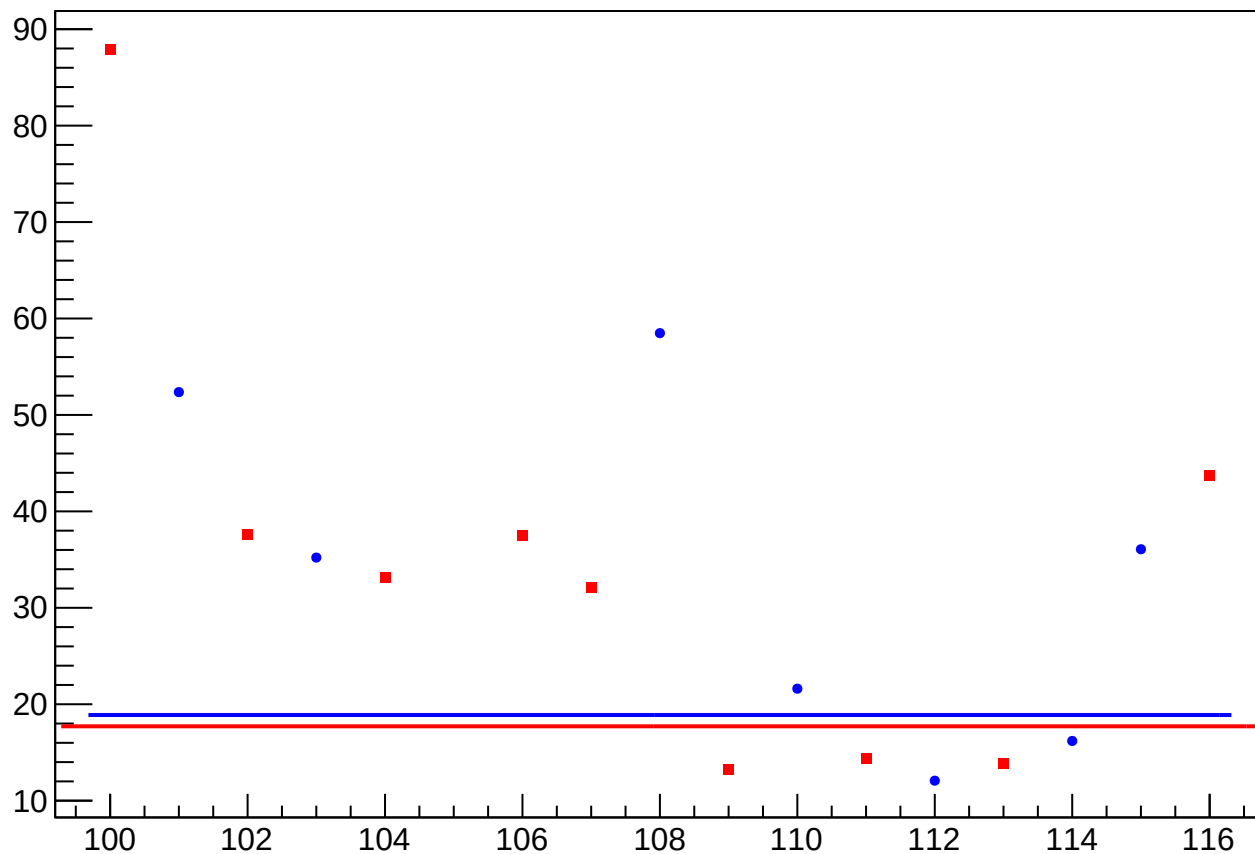
Right: -0.004+/-0.009 χ^2/NDF : 20.7/15

In: 0.013+/-0.014 χ^2/NDF : 12.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.009 χ^2/NDF : 20.7/15

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.886 $\pm$ 0.010 χ^2 /NDF: 1431581.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.712 $\pm$ 0.008 χ^2 /NDF: 1253061.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

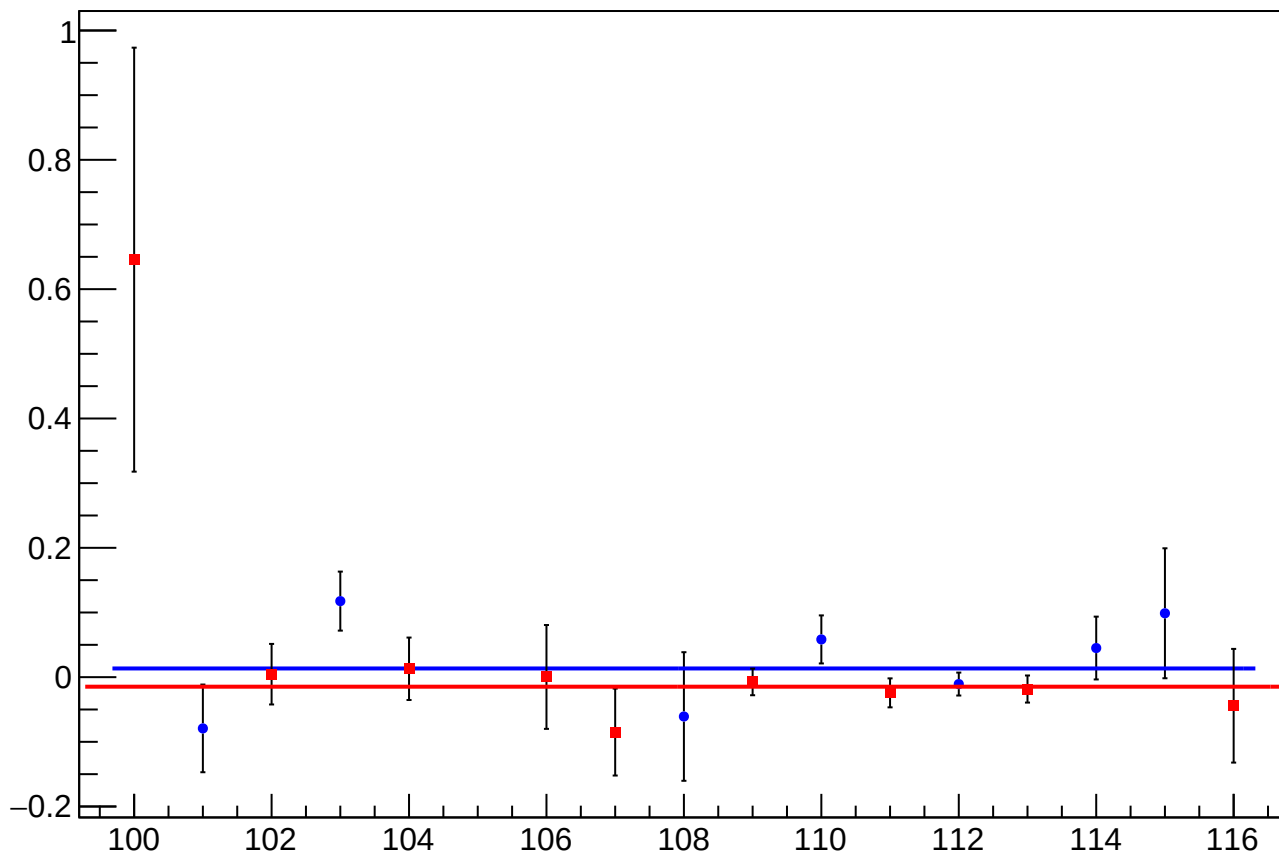
Right: 18.175 $\pm$ 0.006 χ^2 /NDF: 2693373.1/15

In: 18.886 $\pm$ 0.010 χ^2 /NDF:1431581.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.175 $\pm$ 0.006 χ^2 /NDF: 2693373.1/15

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 12.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.011 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

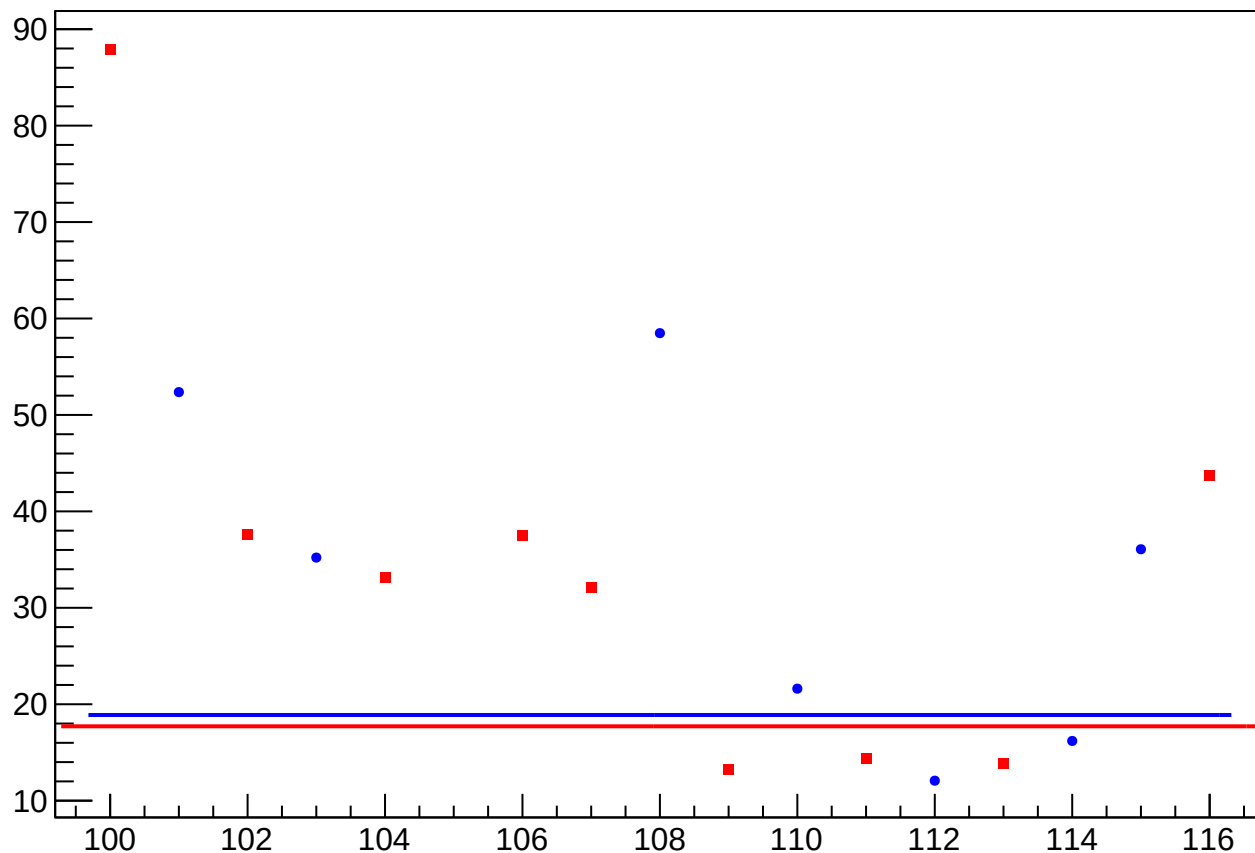
Right: -0.004 $\pm$ 0.009 χ^2 /NDF: 20.7/15

In: 0.013 $\pm$ 0.014 χ^2 /NDF:12.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 20.7/15

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.886+/-0.010 χ^2/NDF : 1431581.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.712+/-0.008 χ^2/NDF : 1253061.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

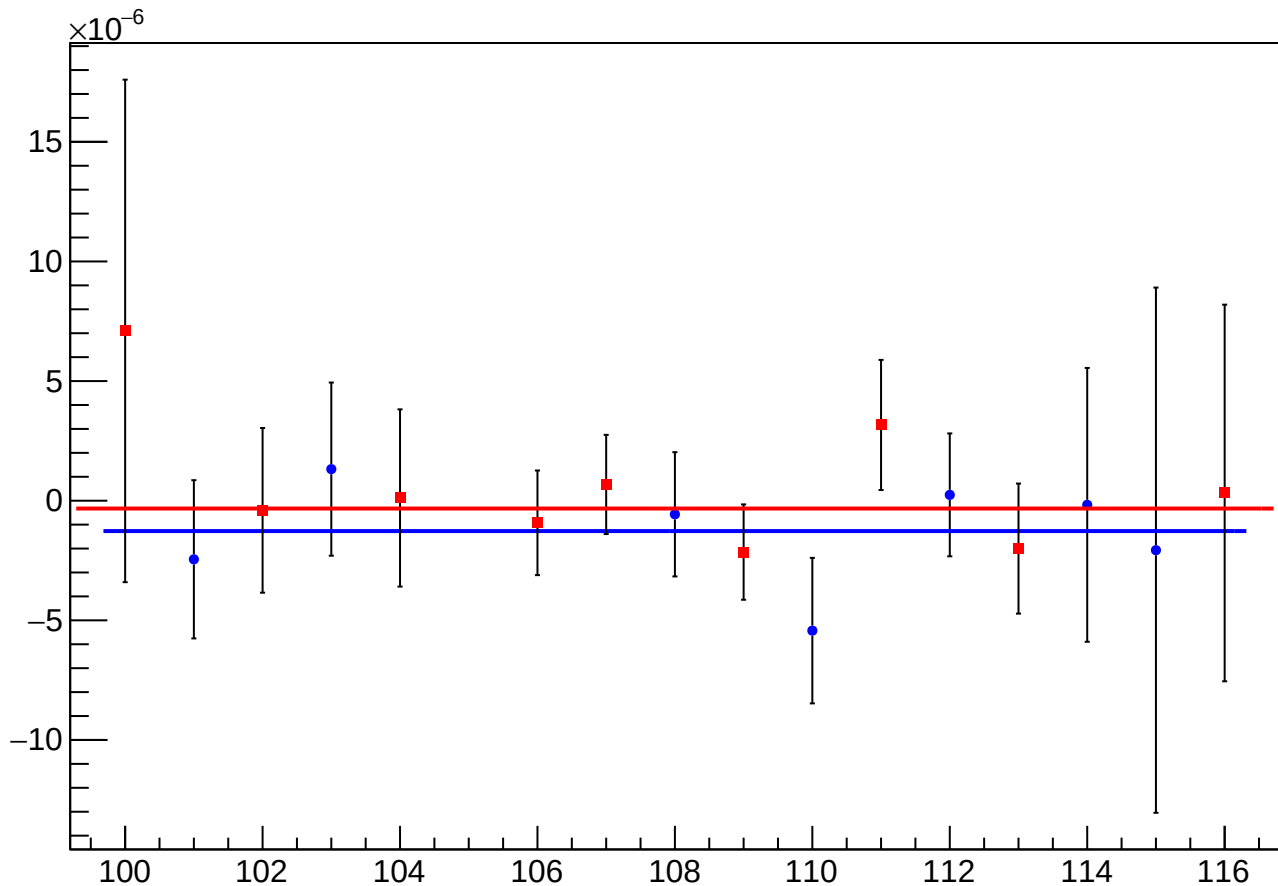
Right: 18.175+/-0.006 χ^2/NDF : 2693373.1/15

In: 18.886+/-0.010 χ^2/NDF : 1431581.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.175+/-0.006 χ^2/NDF : 2693373.1/15

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

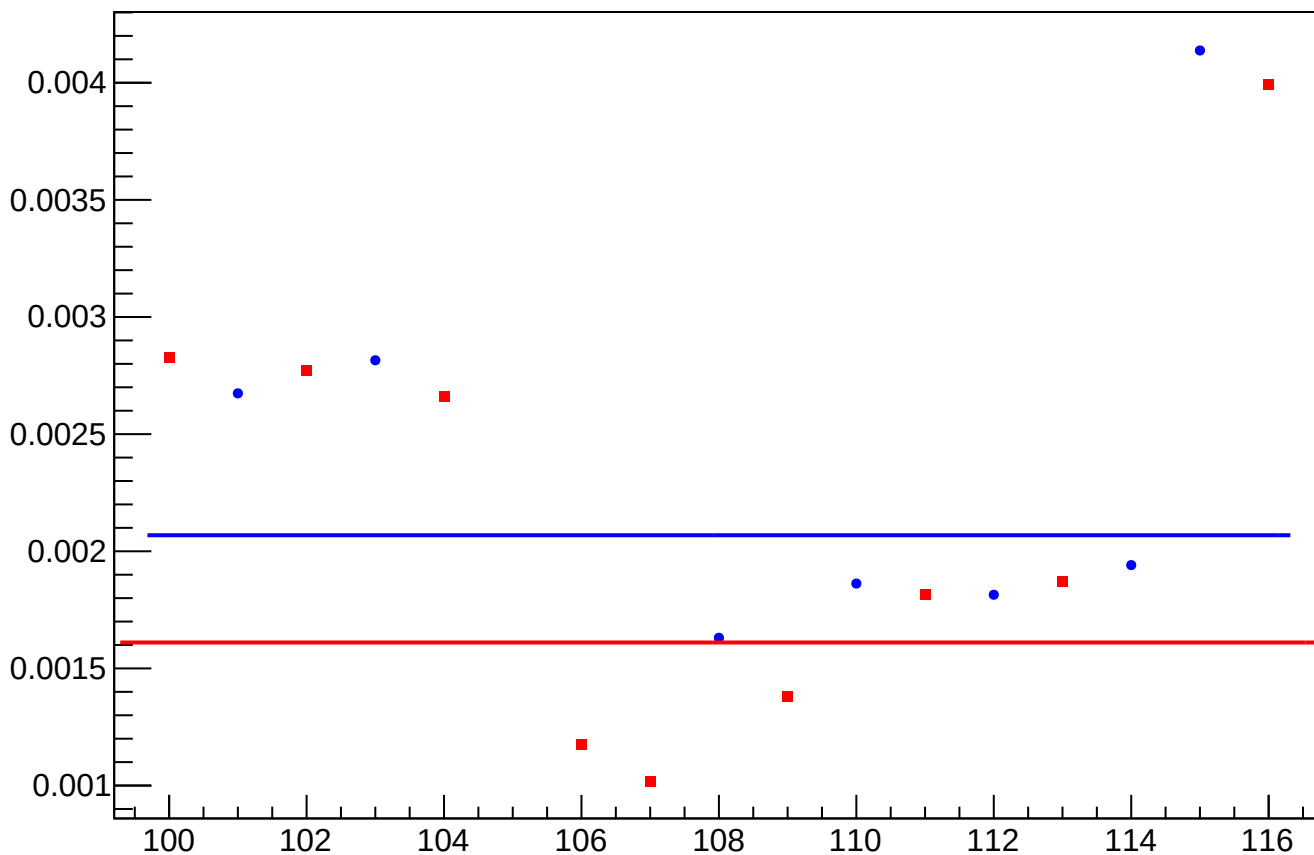
Right: -0.000+/-0.000 χ^2/NDF : 7.0/15

In: -0.000+/-0.000 χ^2/NDF : 3.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/15

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 309923.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 898959.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

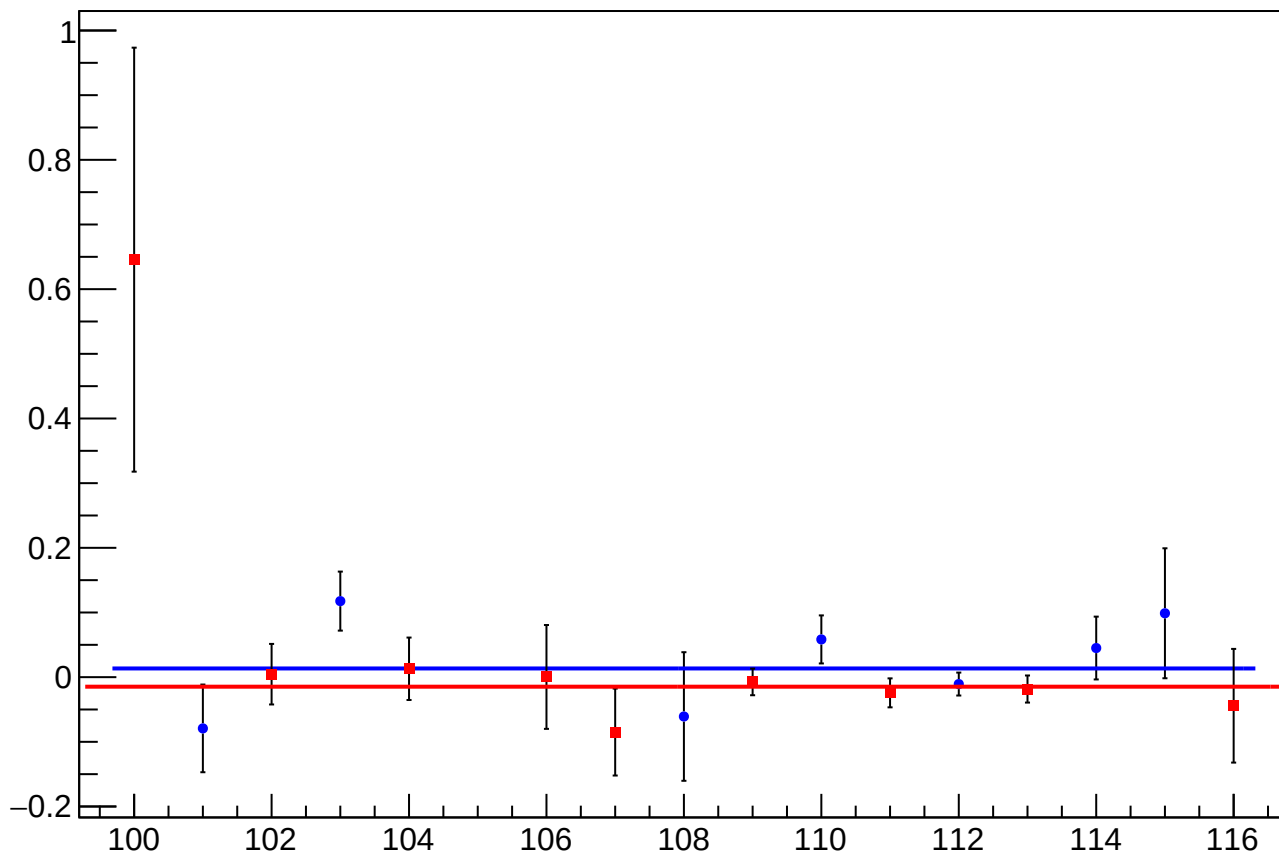
Right: 0.002+/-0.000 χ^2/NDF : 1376628.3/15

In: 0.002+/-0.000 χ^2/NDF : 309923.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1376628.3/15

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.014 χ^2/NDF : 12.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.011 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

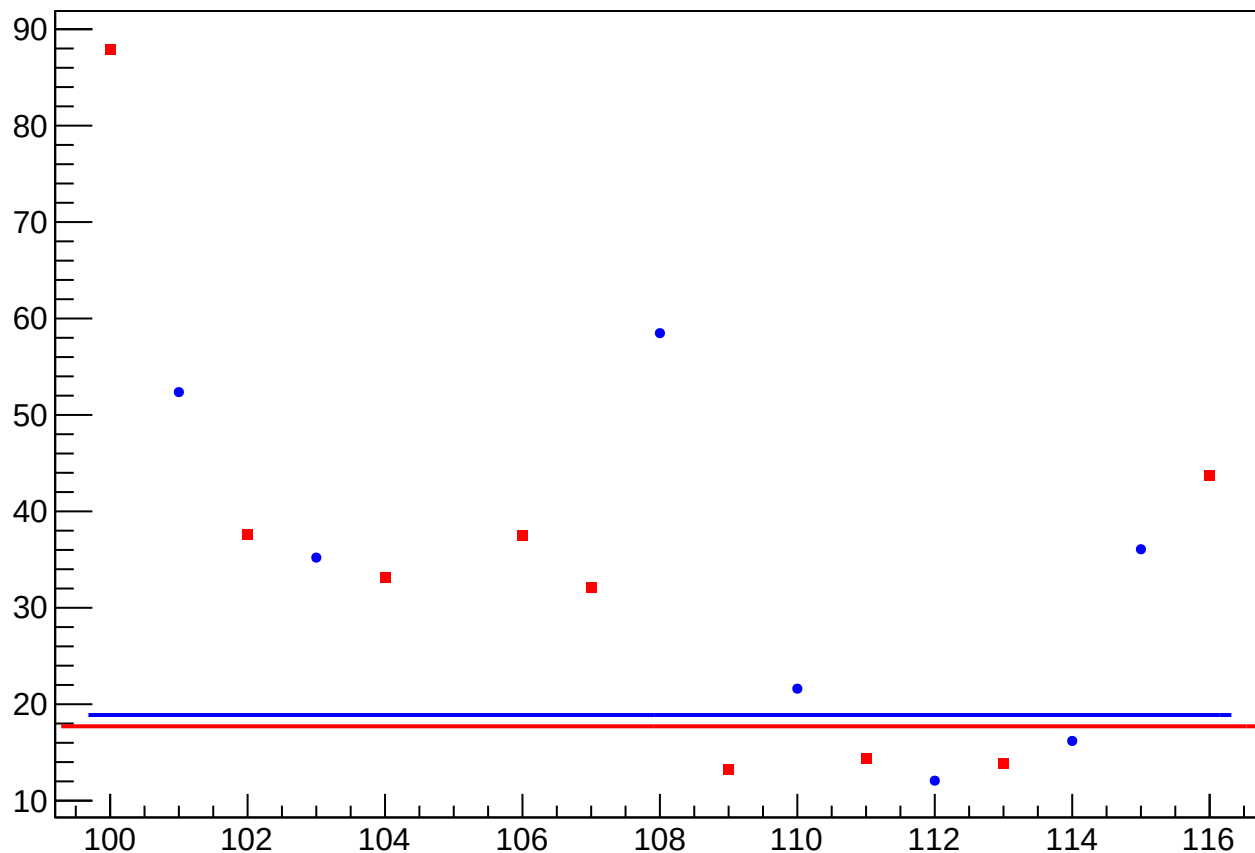
Right: -0.004+/-0.009 χ^2/NDF : 20.7/15

In: 0.013+/-0.014 χ^2/NDF : 12.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.009 χ^2/NDF : 20.7/15

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.884+/-0.010 χ^2/NDF : 1431727.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.711+/-0.008 χ^2/NDF : 1253063.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

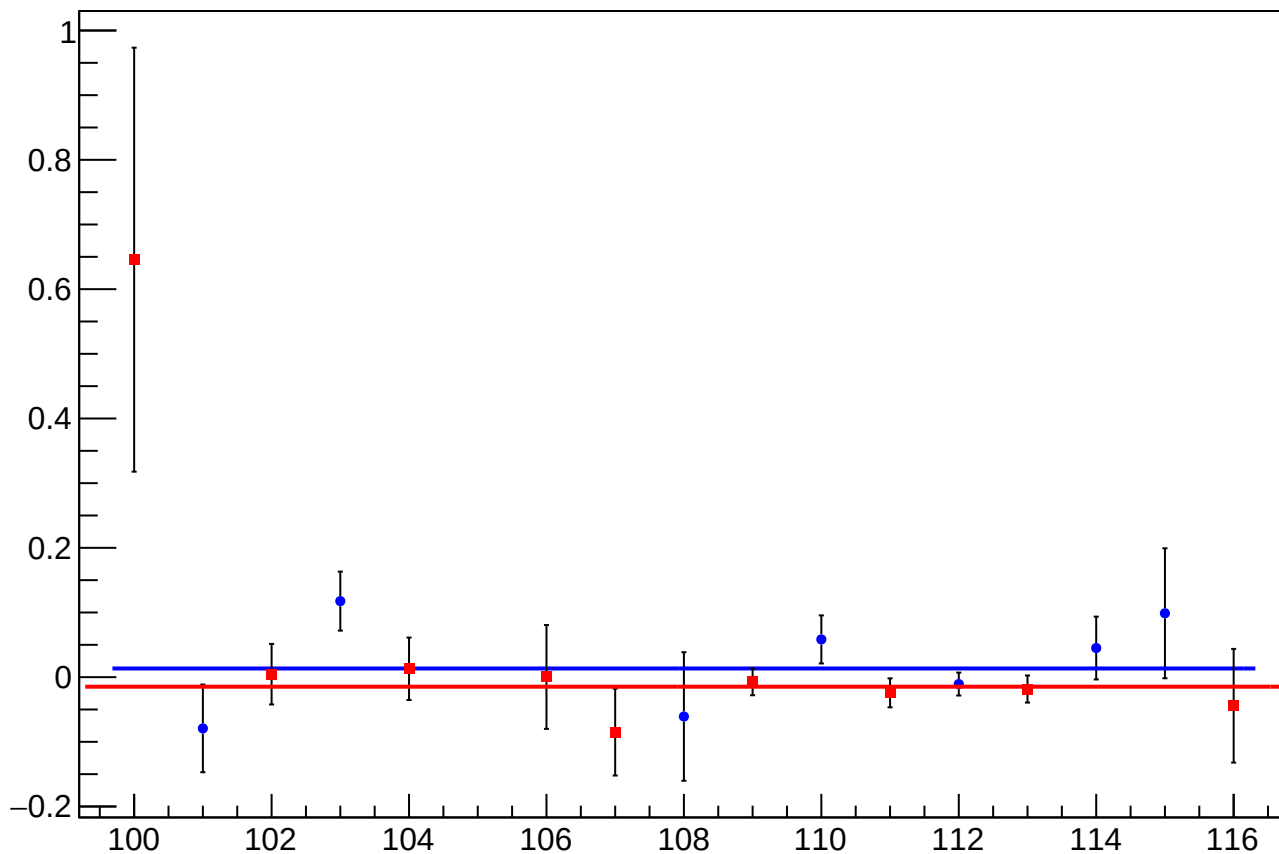
Right: 18.174+/-0.006 χ^2/NDF : 2693505.3/15

In: 18.884+/-0.010 χ^2/NDF : 1431727.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.174+/-0.006 χ^2/NDF : 2693505.3/15

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 12.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.011 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

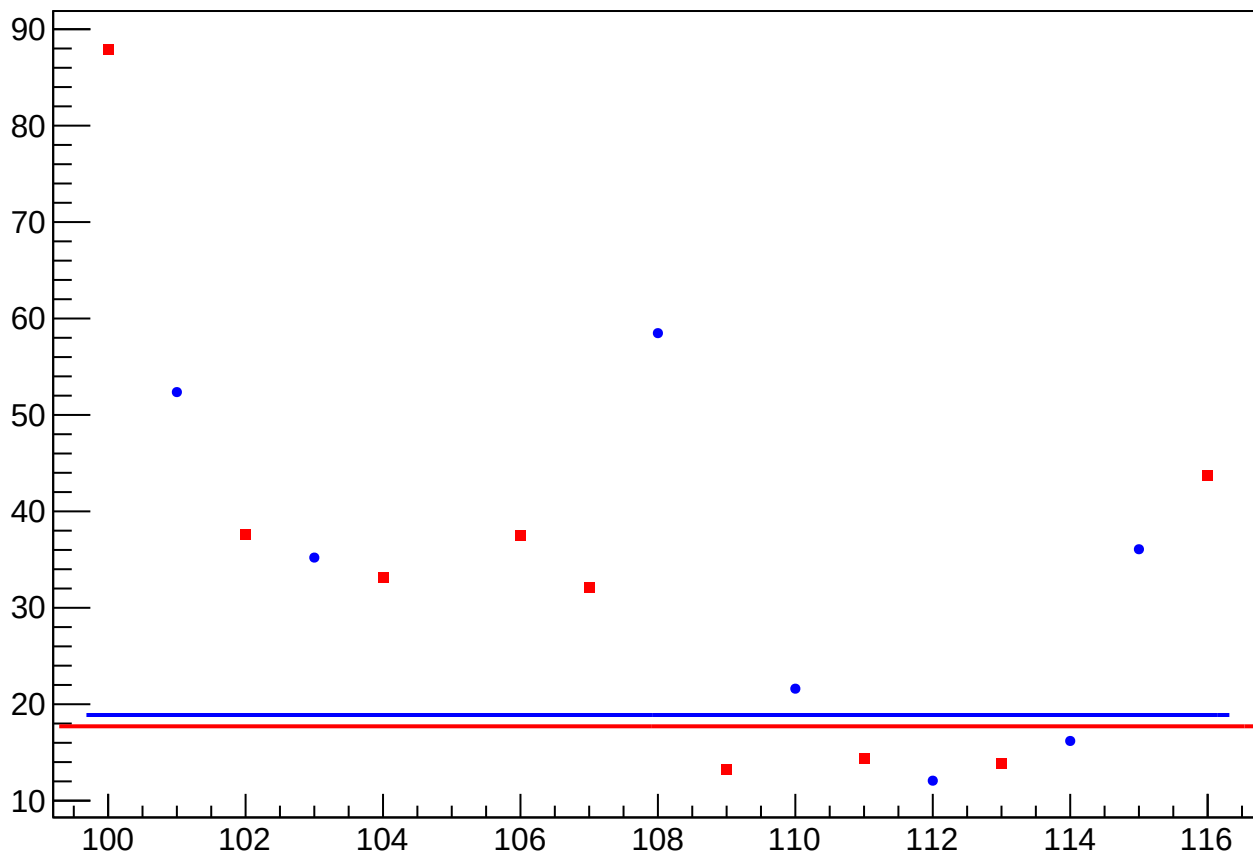
Right: -0.004 $\pm$ 0.009 χ^2 /NDF: 20.7/15

In: 0.013 $\pm$ 0.014 χ^2 /NDF:12.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 20.7/15

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.884+/-0.010 χ^2/NDF : 1431727.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.711+/-0.008 χ^2/NDF : 1253063.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

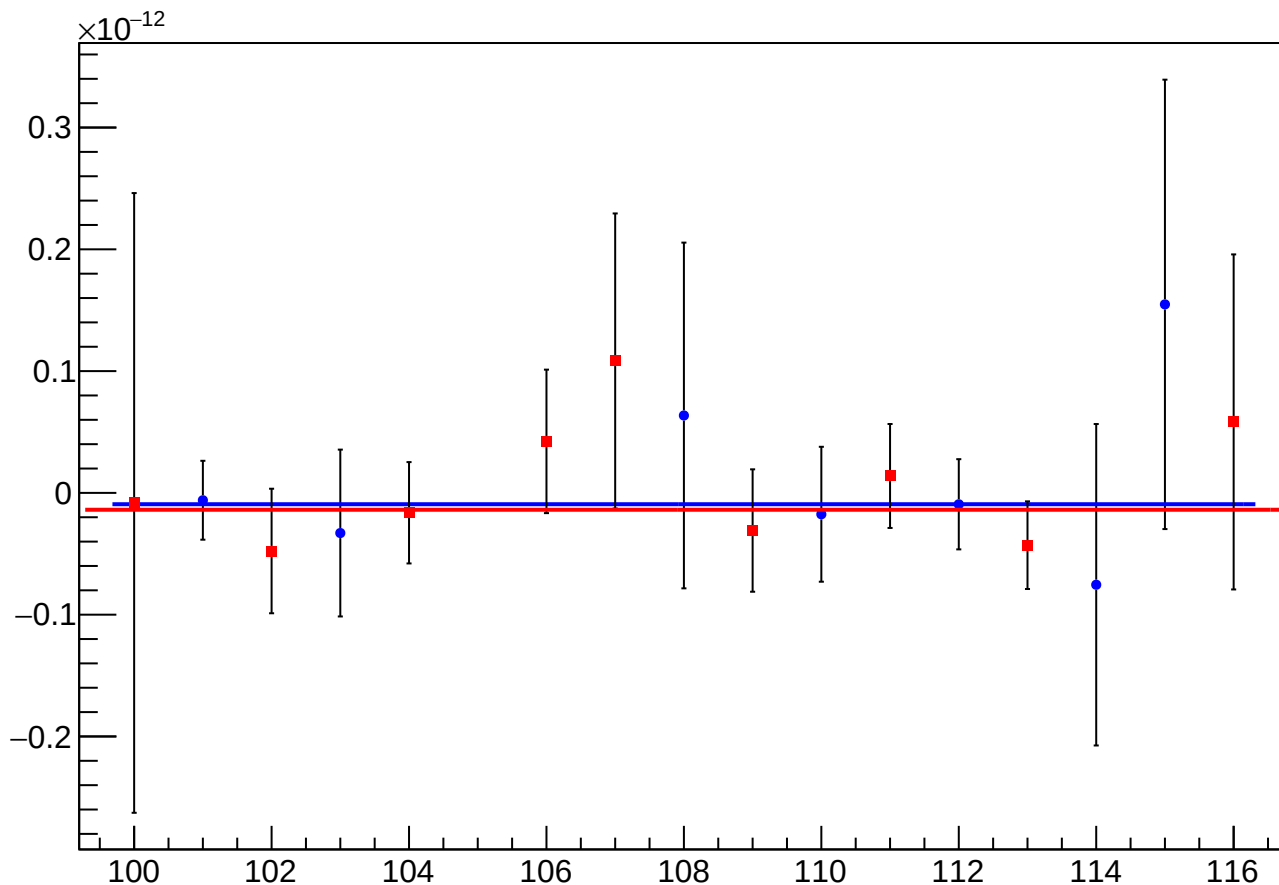
Right: 18.174+/-0.006 χ^2/NDF : 2693505.3/15

In: 18.884+/-0.010 χ^2/NDF : 1431727.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.174+/-0.006 χ^2/NDF : 2693505.3/15

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

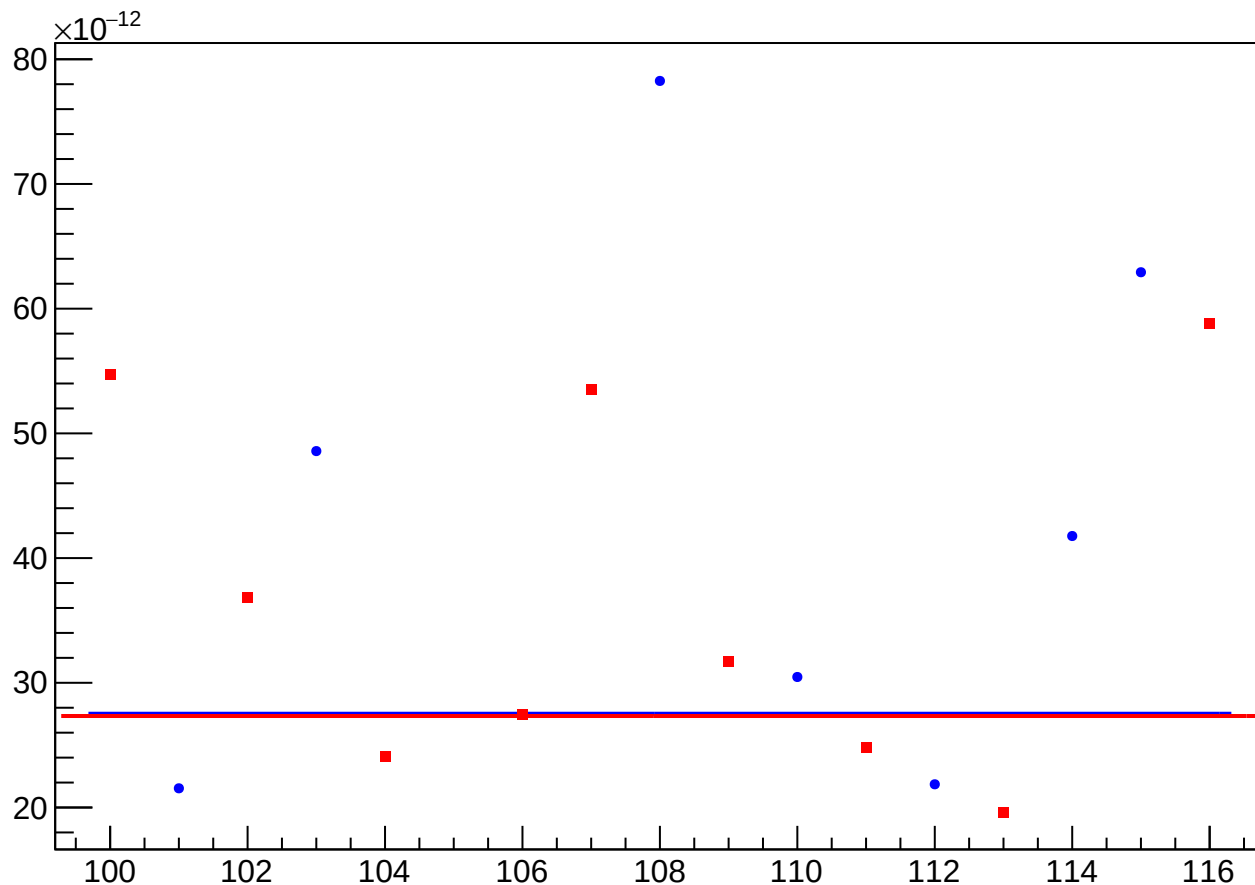
Right: -0.000+/-0.000 χ^2/NDF : 5.3/15

In: -0.000+/-0.000 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.3/15

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 662127.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 417248.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

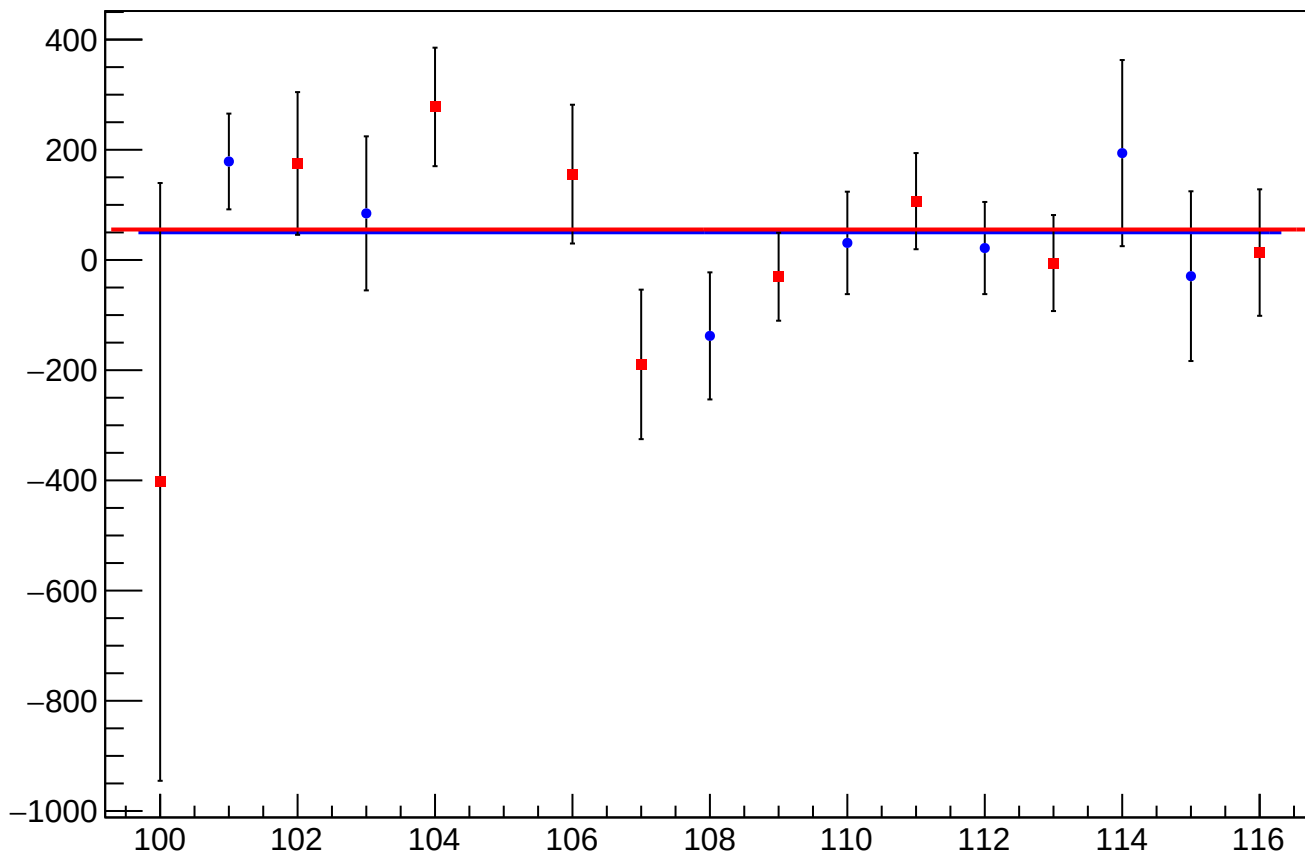
Right: 0.000+/-0.000 χ^2/NDF : 1079463.9/15

In: 0.000+/-0.000 χ^2/NDF : 662127.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1079463.9/15

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 50.270+/-41.004 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.316+/-36.213 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

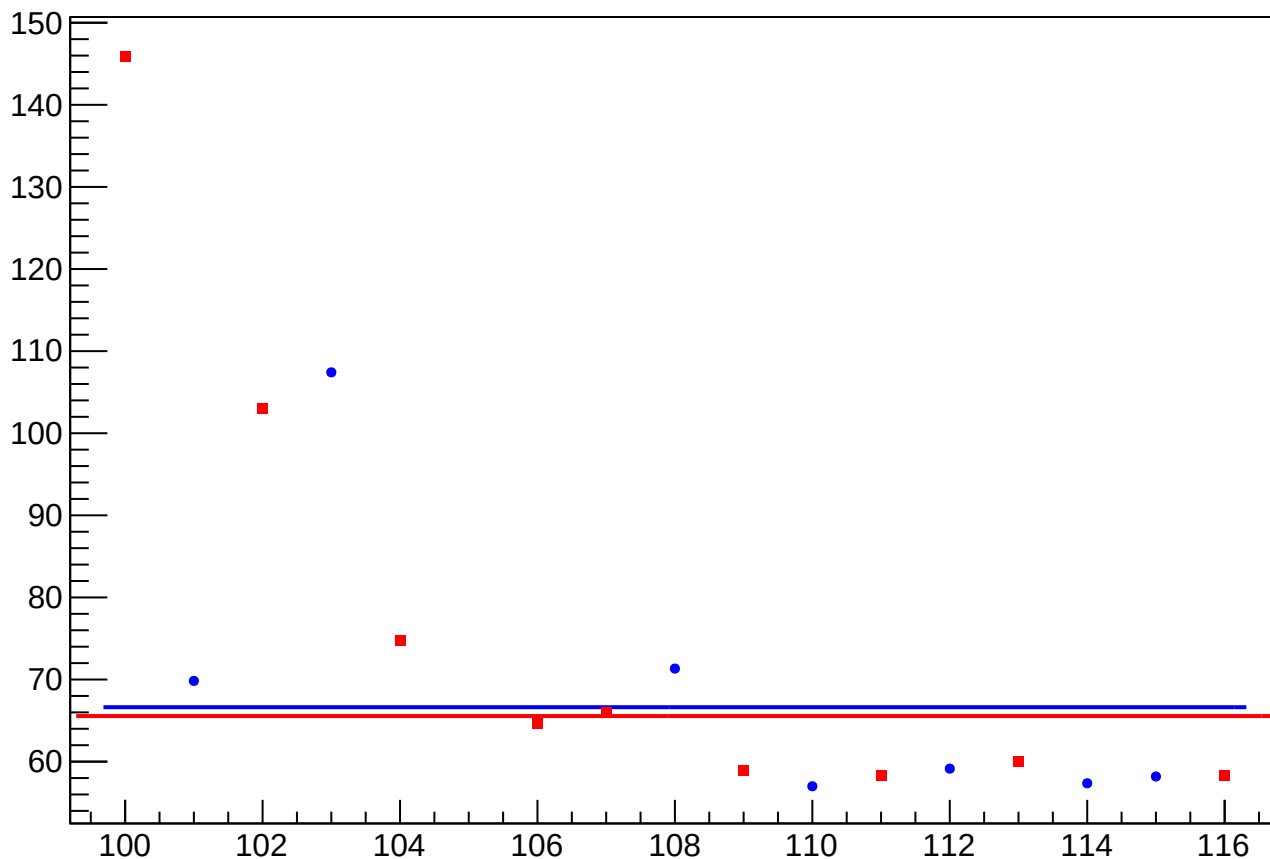
Right: 53.105+/-27.143 χ^2/NDF : 17.9/15

In: 50.270+/-41.004 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.105+/-27.143 χ^2/NDF : 17.9/15

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.630 $\pm$ 0.029 χ^2 /NDF: 225816.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.551 $\pm$ 0.026 χ^2 /NDF: 269879.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

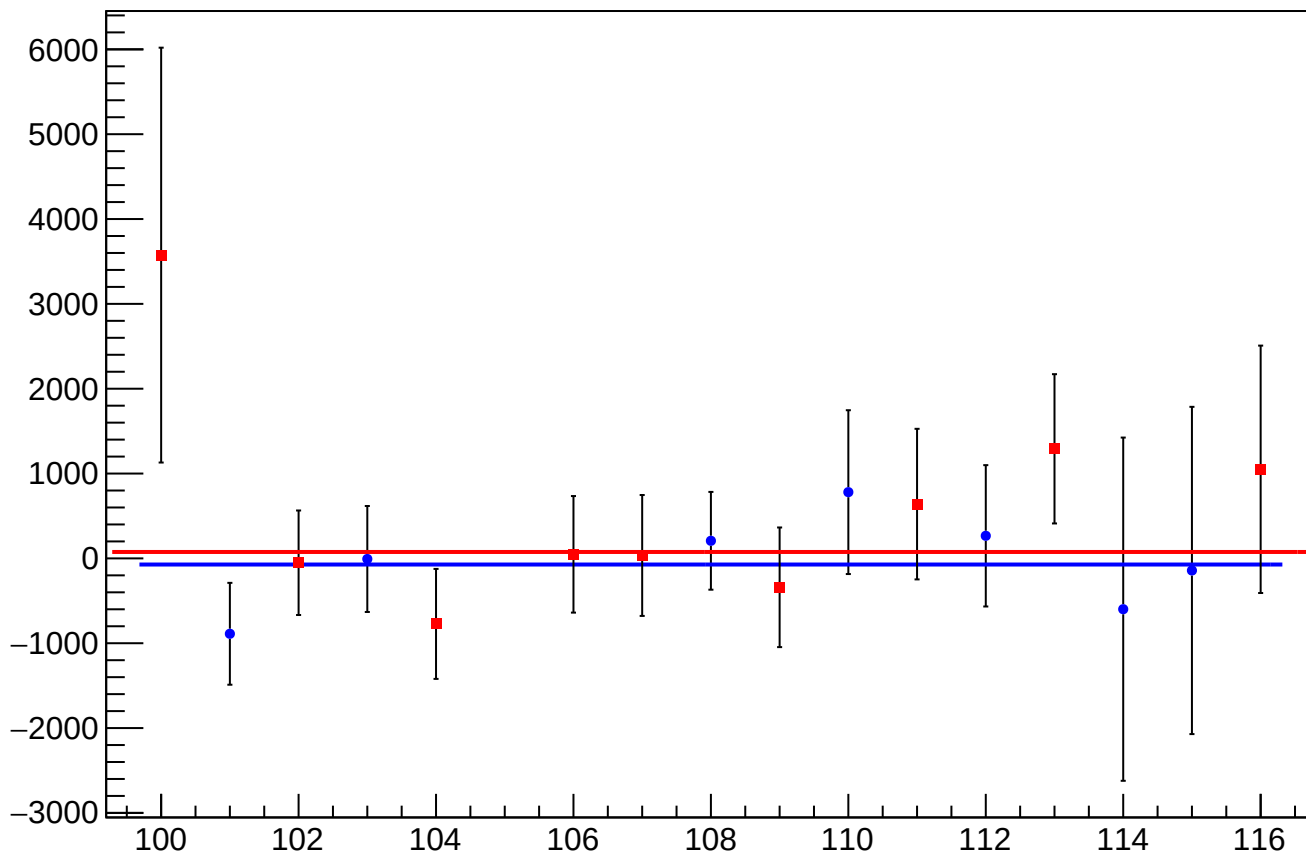
Right: 66.024 $\pm$ 0.019 χ^2 /NDF: 496474.0/15

In: 66.630 $\pm$ 0.029 χ^2 /NDF:225816.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.024 $\pm$ 0.019 χ^2 /NDF: 496474.0/15

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -72.333+/-296.493 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.636+/-264.307 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

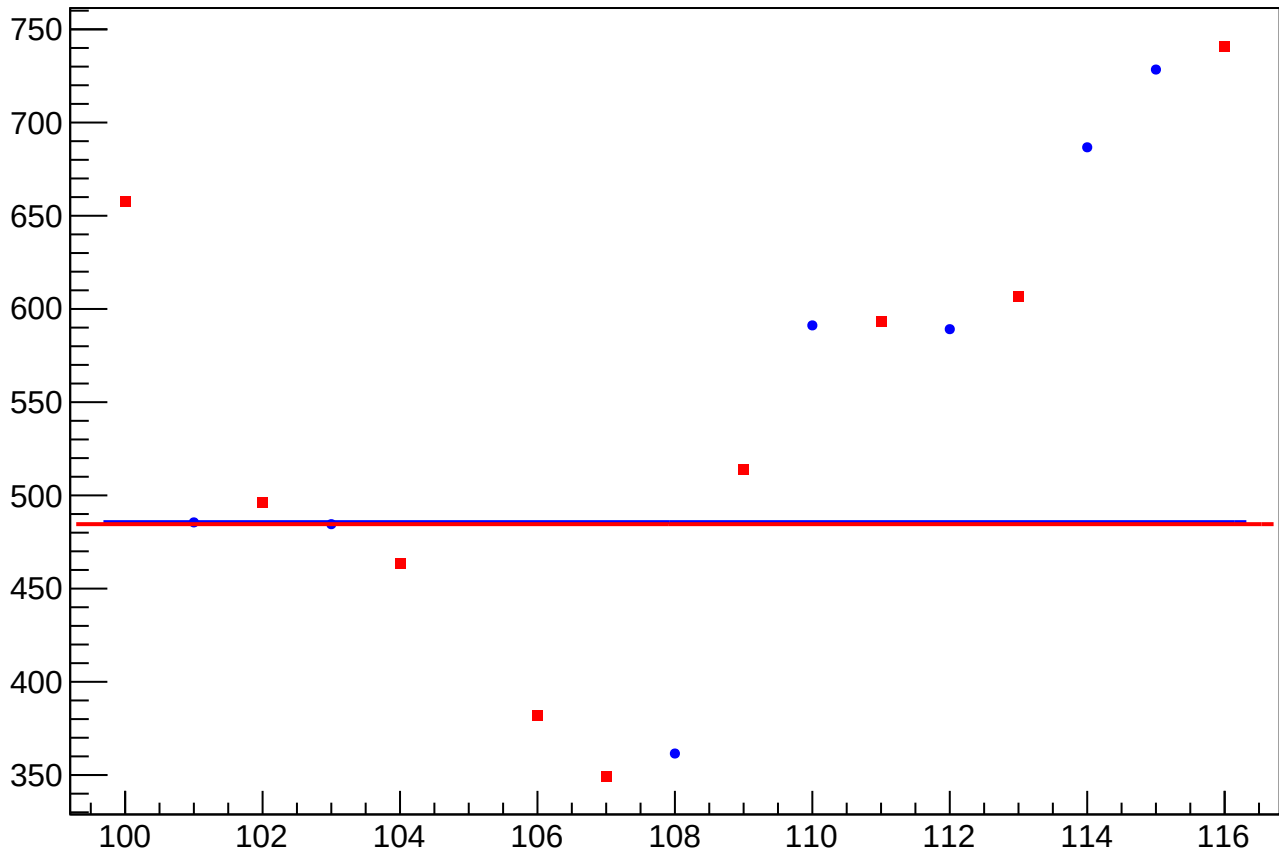
Right: 10.116+/-197.295 χ^2/NDF : 10.2/15

In: -72.333+/-296.493 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.116+/-197.295 χ^2/NDF : 10.2/15

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 485.642 $\pm$ 0.210 χ^2 /NDF: 199011.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 484.571 $\pm$ 0.187 χ^2 /NDF: 263592.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

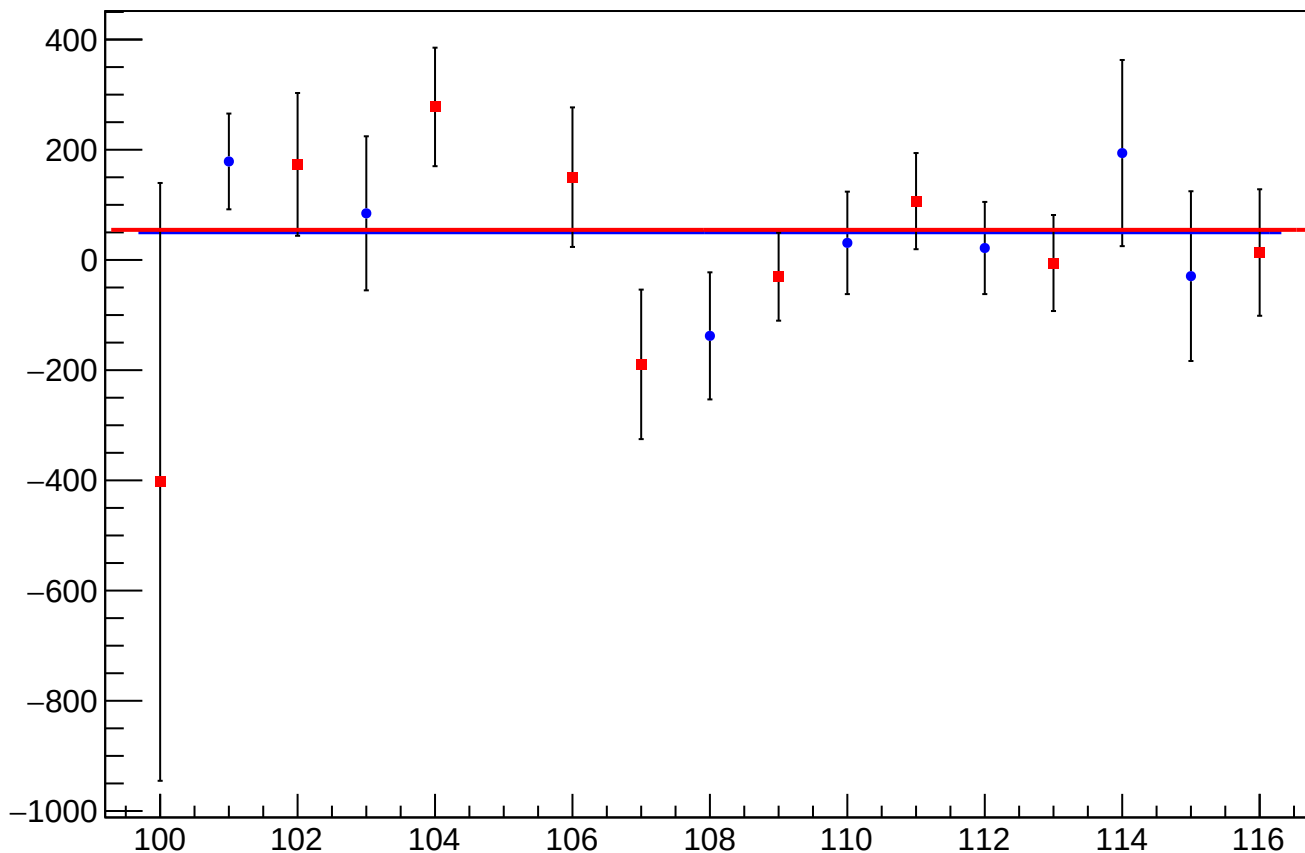
Right: 485.045 $\pm$ 0.140 χ^2 /NDF: 462618.8/15

In: 485.642 $\pm$ 0.210 χ^2 /NDF:199011.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 485.045 $\pm$ 0.140 χ^2 /NDF: 462618.8/15

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 50.270+/-41.005 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.617+/-36.230 χ^2/NDF : 11.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

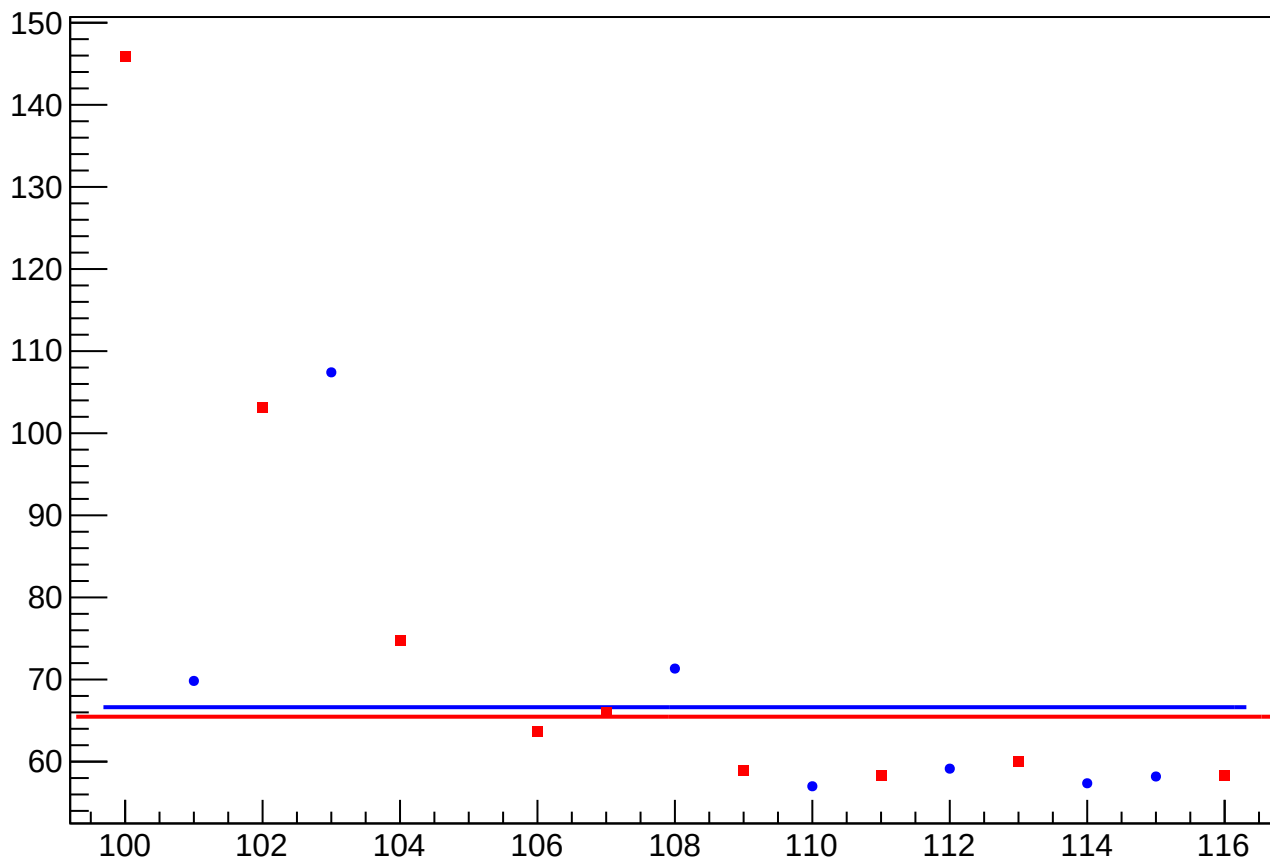
Right: 52.711+/-27.150 χ^2/NDF : 17.8/15

In: 50.270+/-41.005 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.711+/-27.150 χ^2/NDF : 17.8/15

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.630 $\pm$ 0.029 χ^2 /NDF: 225818.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.472 $\pm$ 0.026 χ^2 /NDF: 270444.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

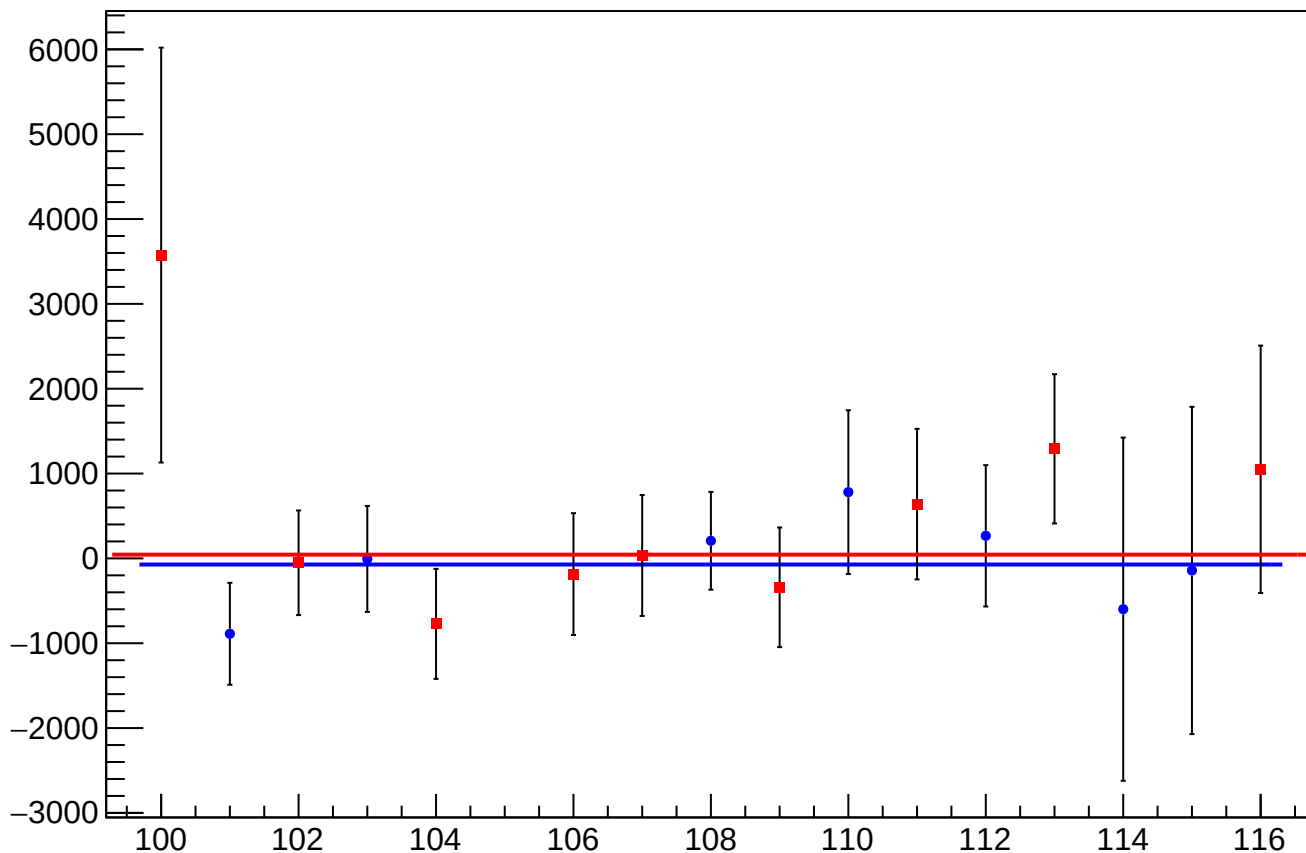
Right: 65.980 $\pm$ 0.019 χ^2 /NDF: 497159.0/15

In: 66.630 $\pm$ 0.029 χ^2 /NDF: 225818.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.980 $\pm$ 0.019 χ^2 /NDF: 497159.0/15

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -72.222 $\pm$ 296.497 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.069 $\pm$ 266.015 χ^2 /NDF: 7.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

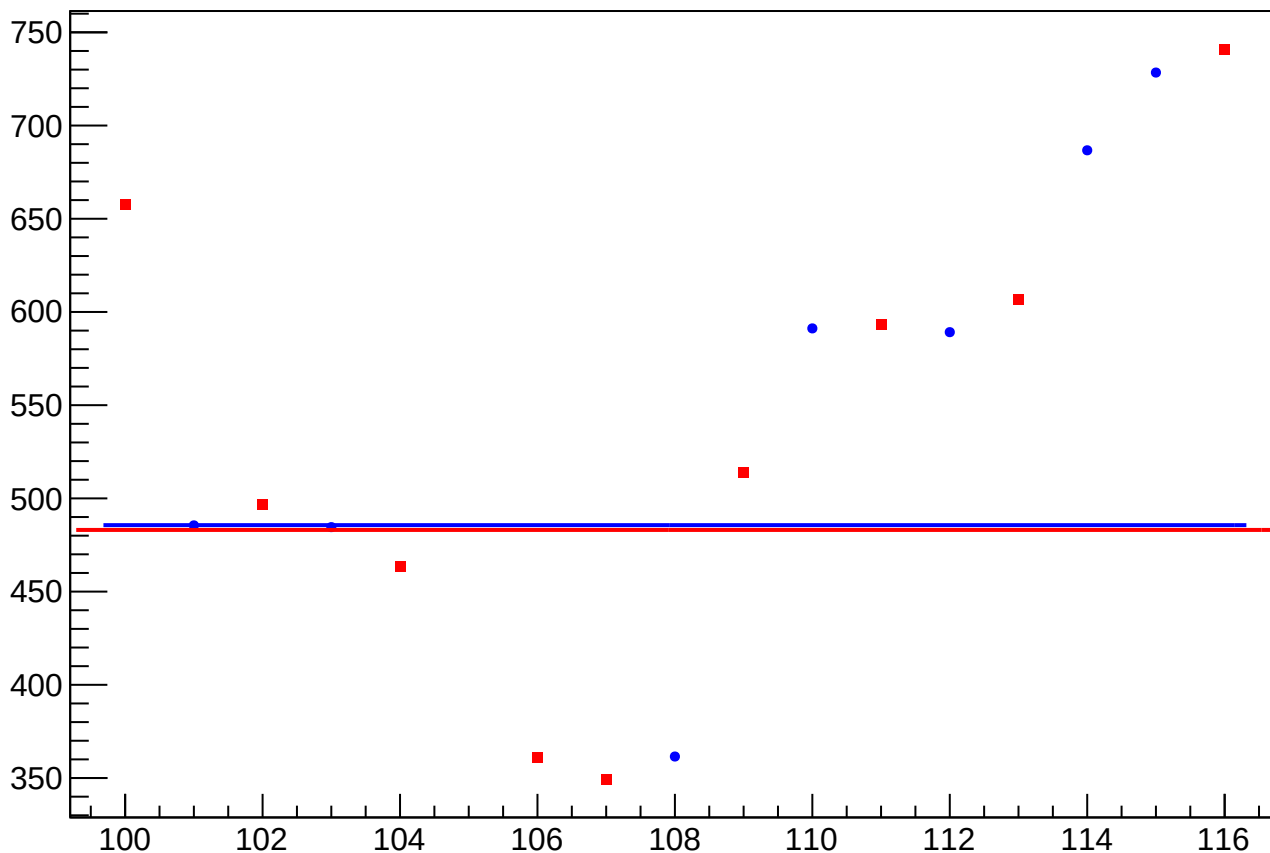
Right: -7.793 $\pm$ 198.004 χ^2 /NDF: 10.2/15

In: -72.222 $\pm$ 296.497 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.793 $\pm$ 198.004 χ^2 /NDF: 10.2/15

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.649 $\pm$ 0.210 χ^2 /NDF: 199011.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 483.079 $\pm$ 0.188 χ^2 /NDF: 278220.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

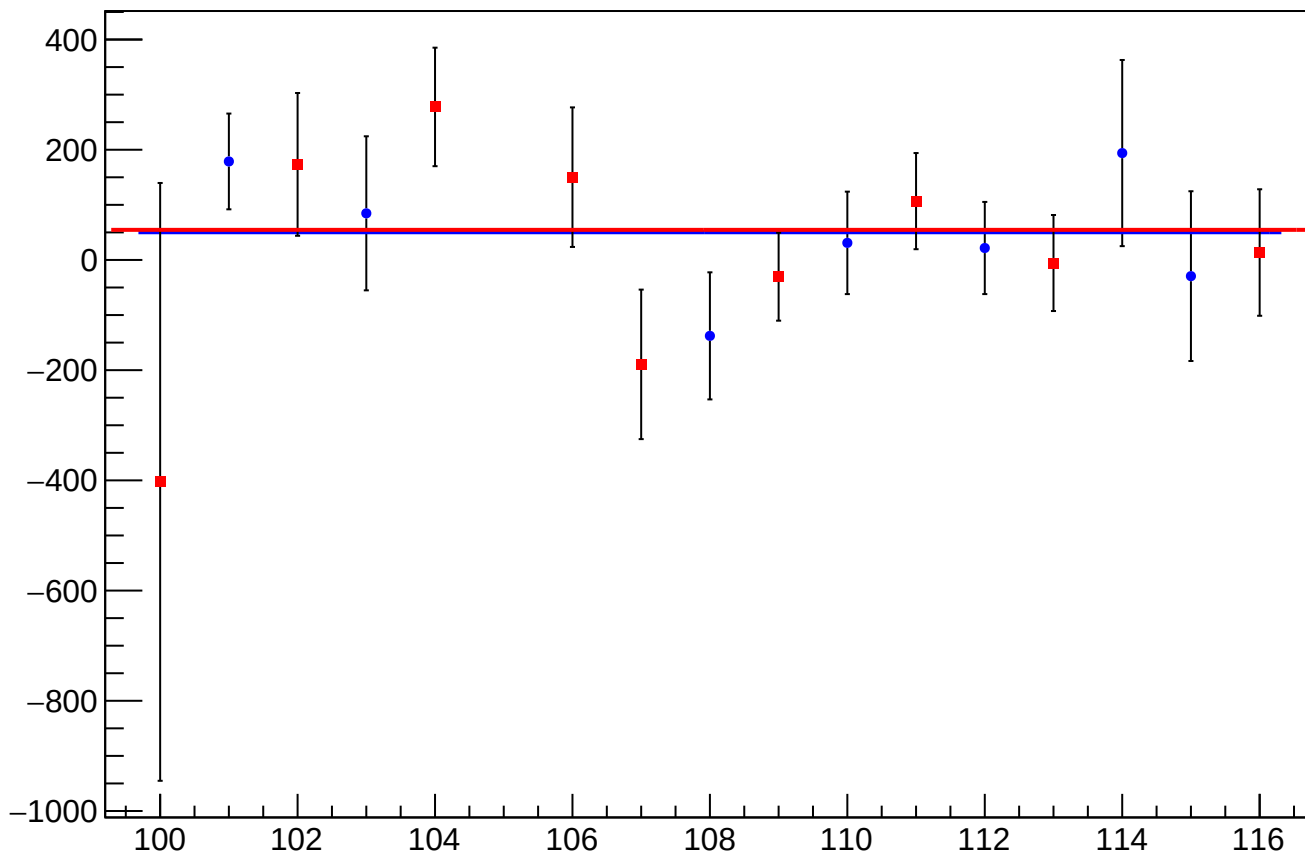
Right: 484.226 $\pm$ 0.140 χ^2 /NDF: 477314.9/15

In: 485.649 $\pm$ 0.210 χ^2 /NDF:199011.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 484.226 $\pm$ 0.140 χ^2 /NDF: 477314.9/15

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 50.270+/-41.005 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.617+/-36.230 χ^2/NDF : 11.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

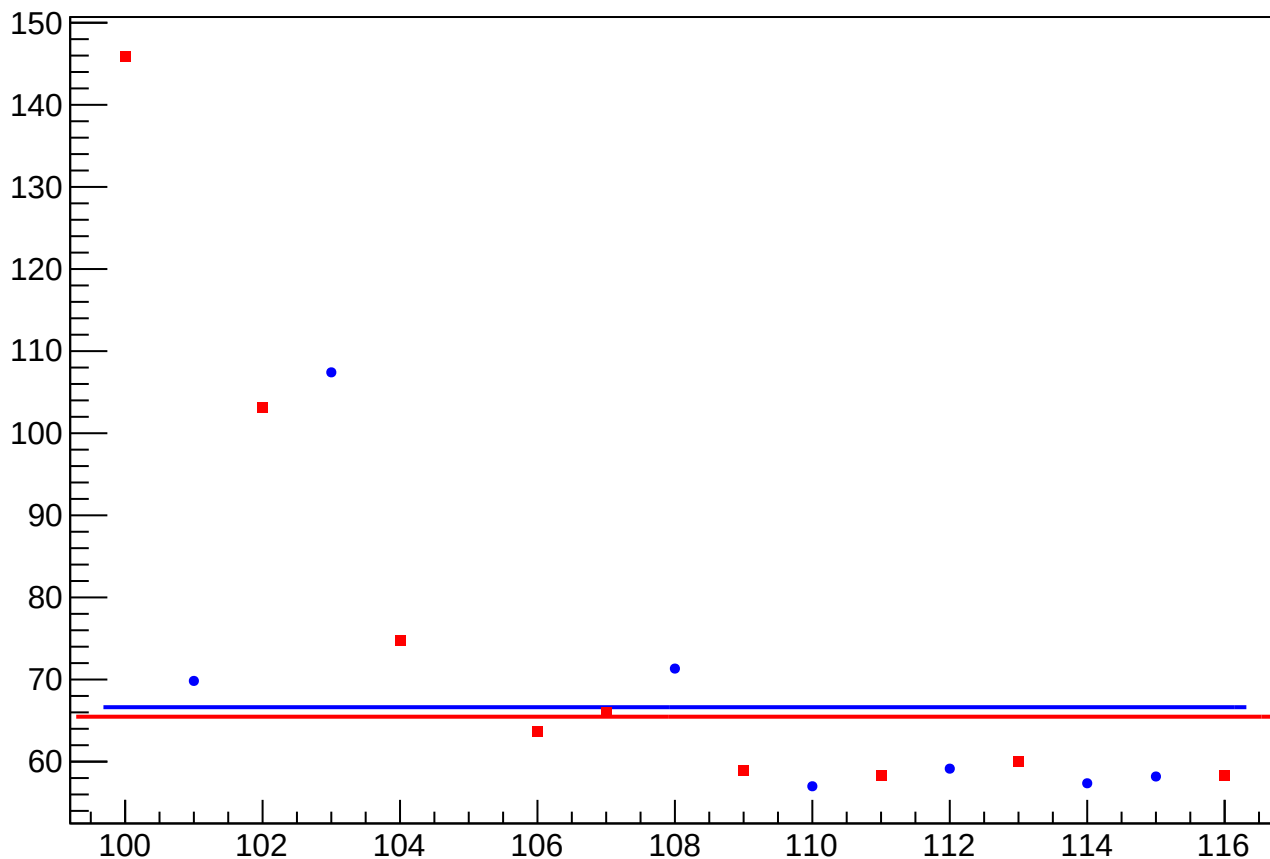
Right: 52.711+/-27.150 χ^2/NDF : 17.8/15

In: 50.270+/-41.005 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.711+/-27.150 χ^2/NDF : 17.8/15

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.630+/-0.029 χ^2/NDF : 225818.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.472+/-0.026 χ^2/NDF : 270444.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

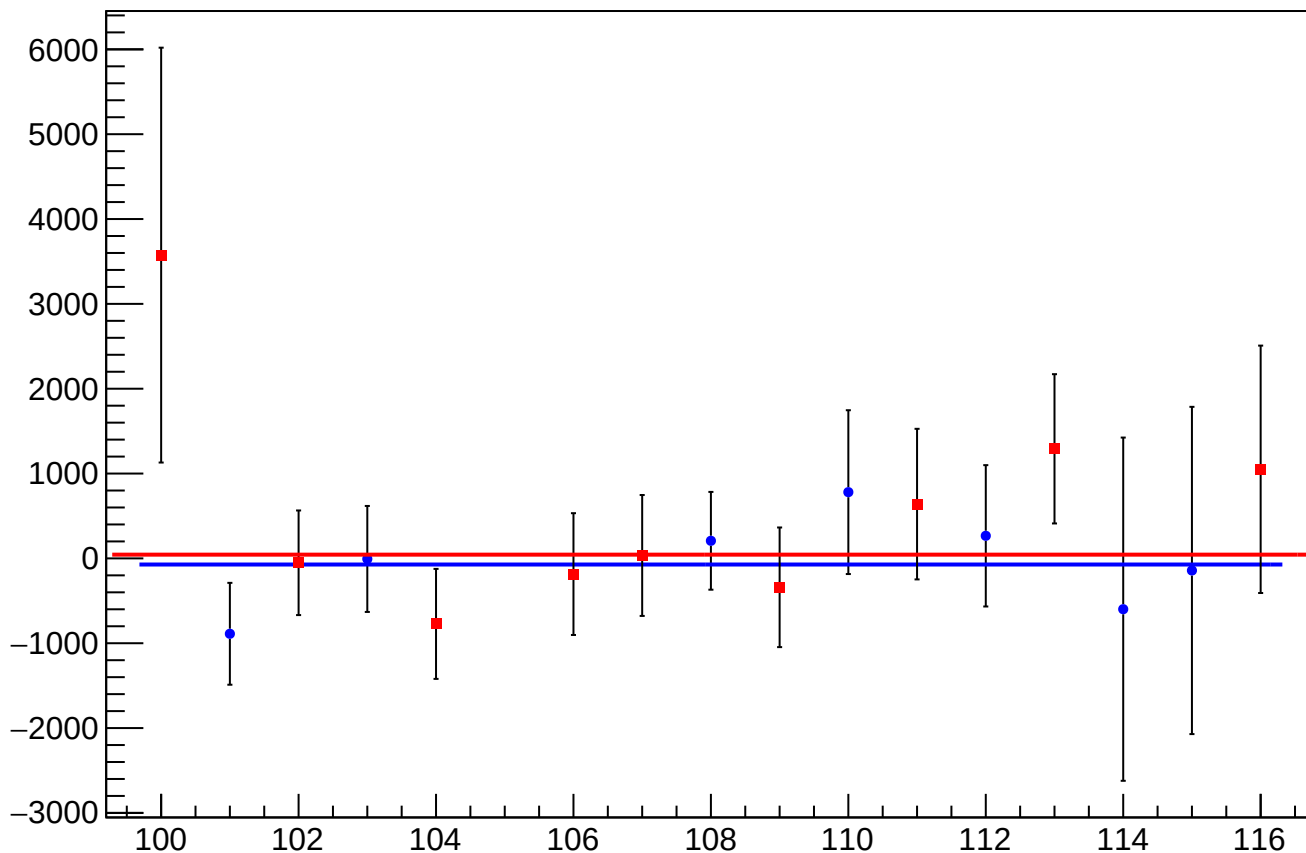
Right: 65.980+/-0.019 χ^2/NDF : 497159.0/15

In: 66.630+/-0.029 χ^2/NDF : 225818.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.980+/-0.019 χ^2/NDF : 497159.0/15

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -72.222 $\pm$ 296.497 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.069 $\pm$ 266.015 χ^2 /NDF: 7.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

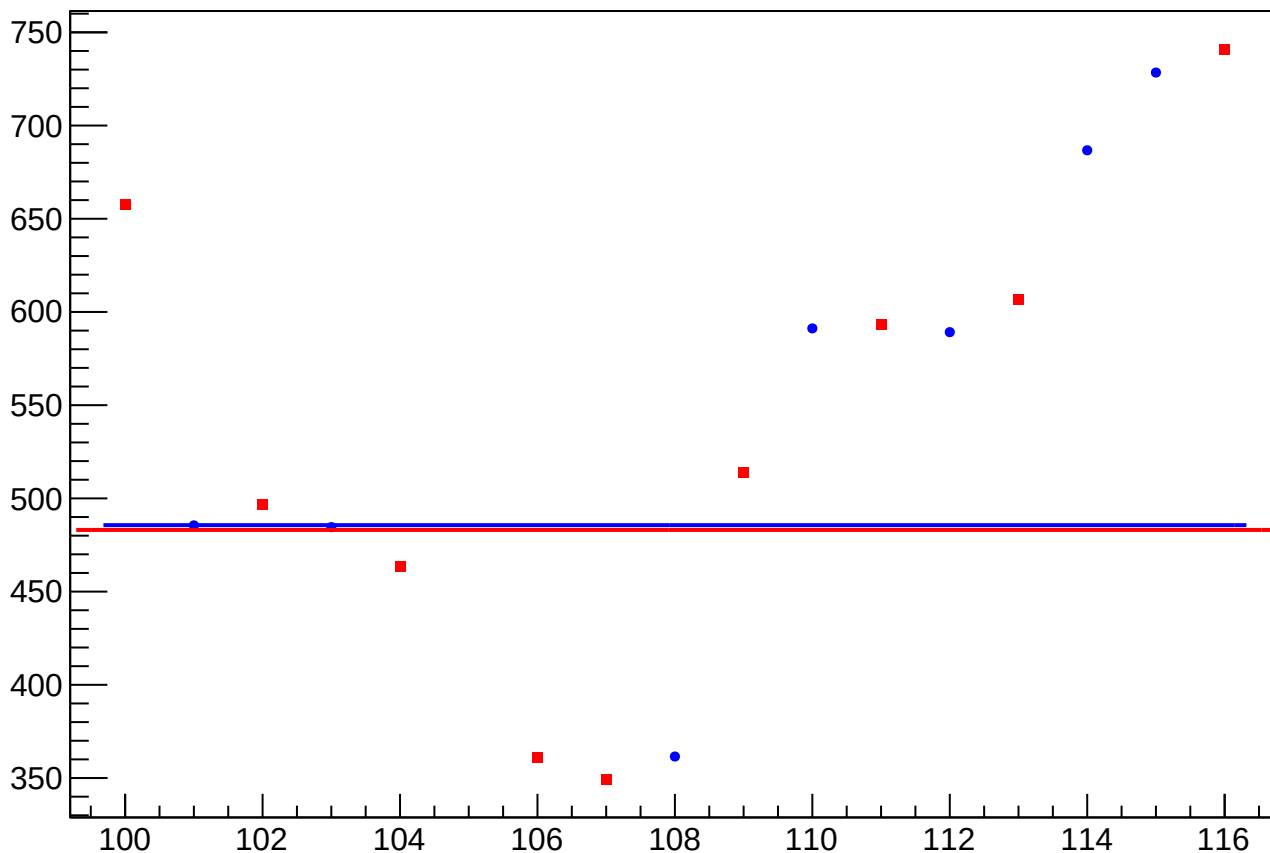
Right: -7.793 $\pm$ 198.004 χ^2 /NDF: 10.2/15

In: -72.222 $\pm$ 296.497 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.793 $\pm$ 198.004 χ^2 /NDF: 10.2/15

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.649+/-0.210 χ^2/NDF : 199011.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 483.079+/-0.188 χ^2/NDF : 278220.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

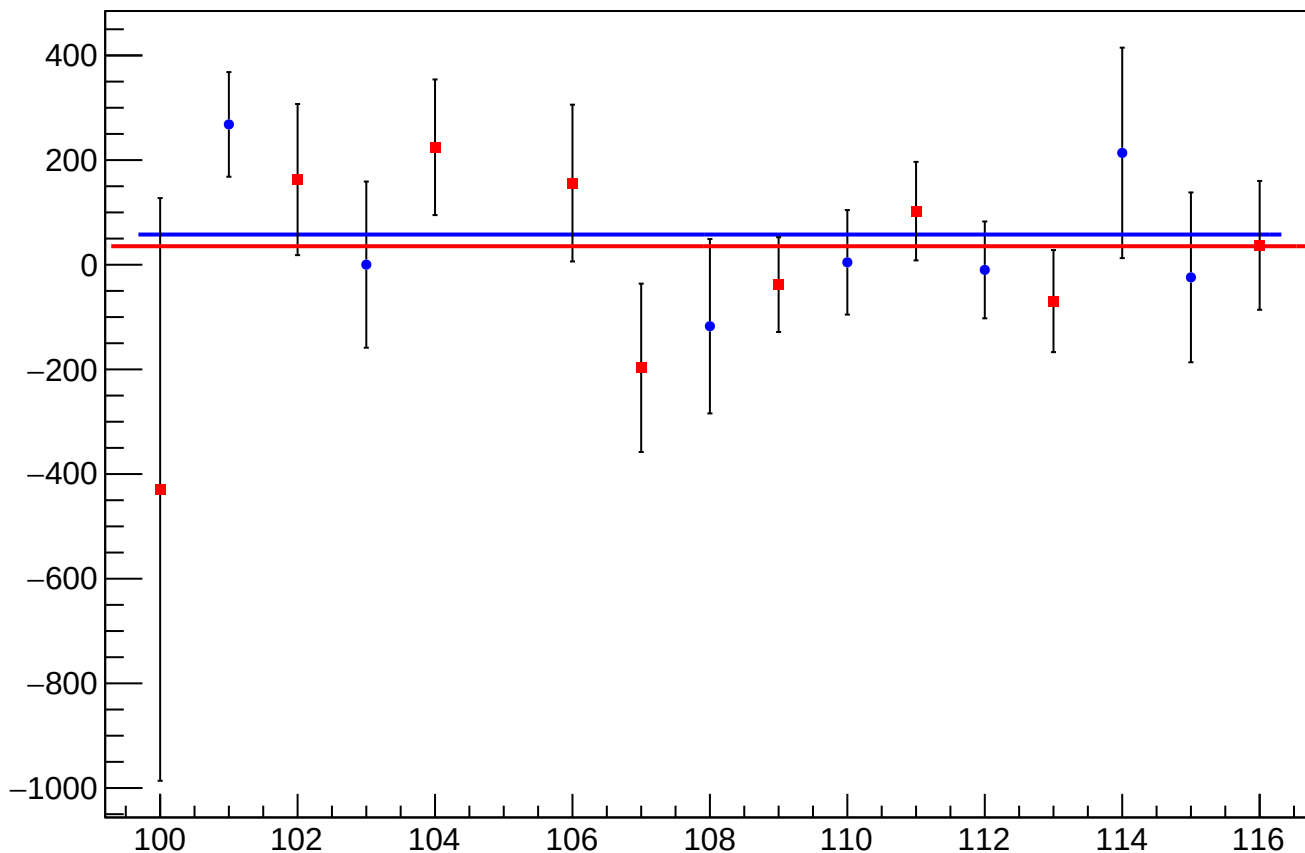
Right: 484.226+/-0.140 χ^2/NDF : 477314.9/15

In: 485.649+/-0.210 χ^2/NDF : 199011.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.226+/-0.140 χ^2/NDF : 477314.9/15

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 57.727+/-46.864 χ^2/NDF : 7.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.377+/-40.836 χ^2/NDF : 8.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

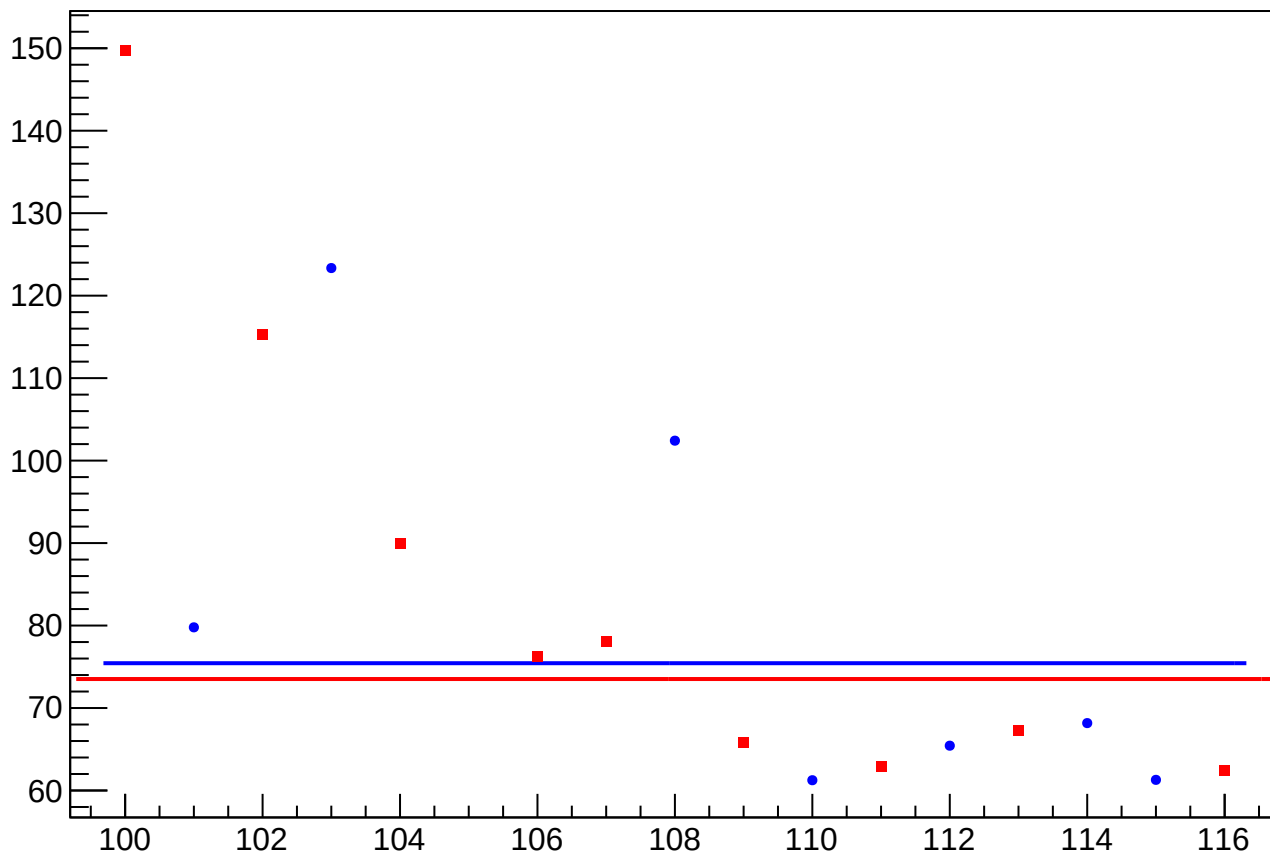
Right: 45.023+/-30.788 χ^2/NDF : 16.1/15

In: 57.727+/-46.864 χ^2/NDF : 7.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.023+/-30.788 χ^2/NDF : 16.1/15

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 75.434+/-0.033 χ^2/NDF : 319784.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.516+/-0.029 χ^2/NDF : 303273.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

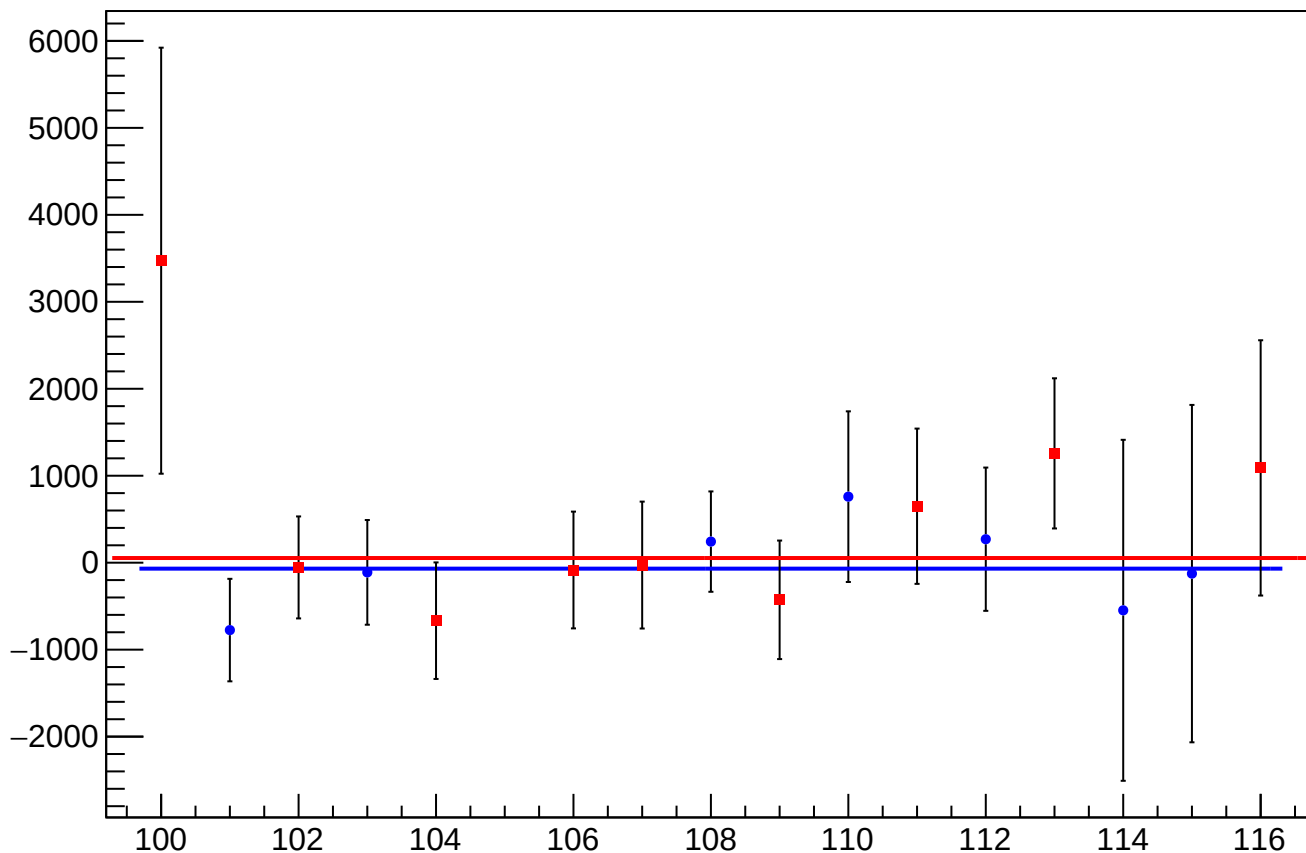
Right: 74.344+/-0.022 χ^2/NDF : 624962.6/15

In: 75.434+/-0.033 χ^2/NDF : 319784.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.344+/-0.022 χ^2/NDF : 624962.6/15

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -68.410 $\pm$ 292.595 χ^2 /NDF: 2.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.699 $\pm$ 261.598 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

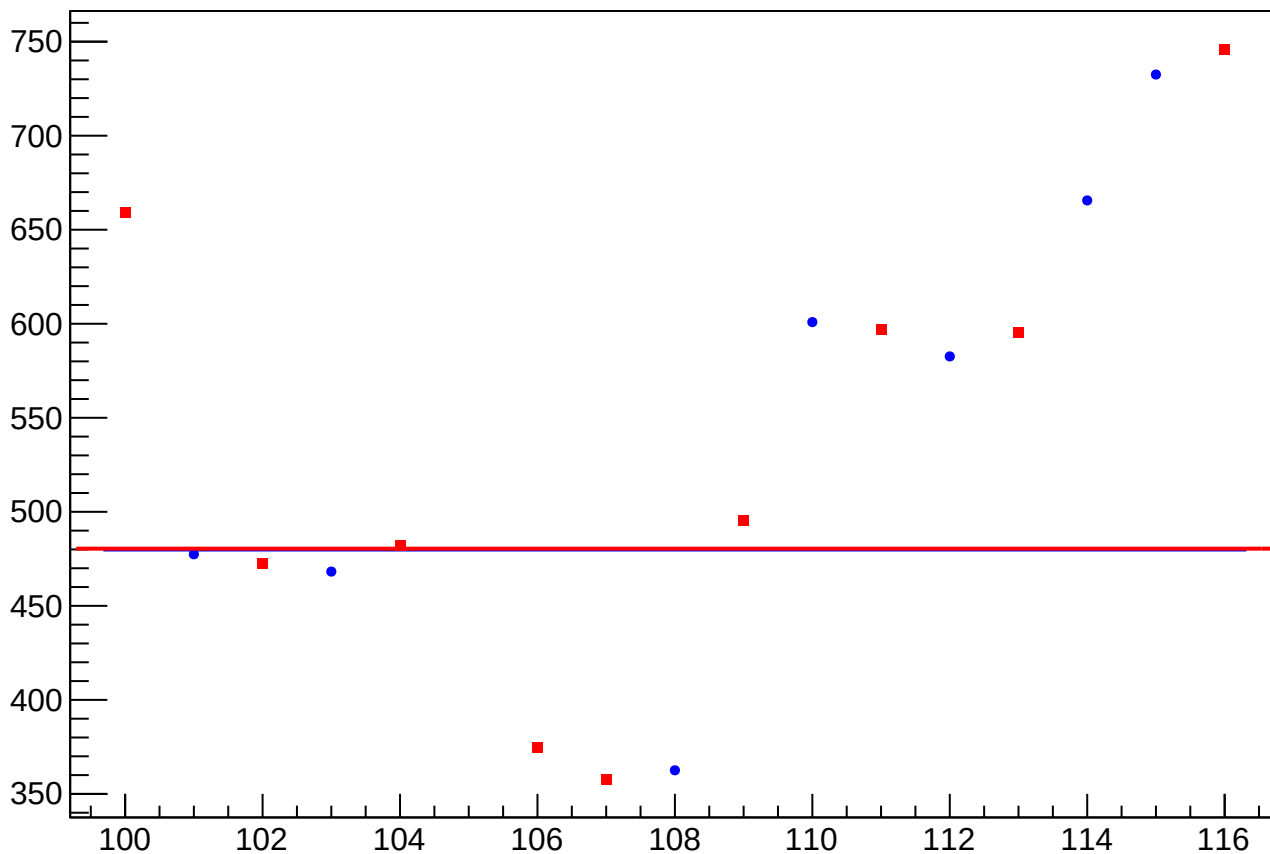
Right: -0.547 $\pm$ 195.019 χ^2 /NDF: 9.3/15

In: -68.410 $\pm$ 292.595 χ^2 /NDF:2.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.547 $\pm$ 195.019 χ^2 /NDF: 9.3/15

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 479.964+/-0.207 χ^2/NDF : 196877.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.416+/-0.185 χ^2/NDF : 253387.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

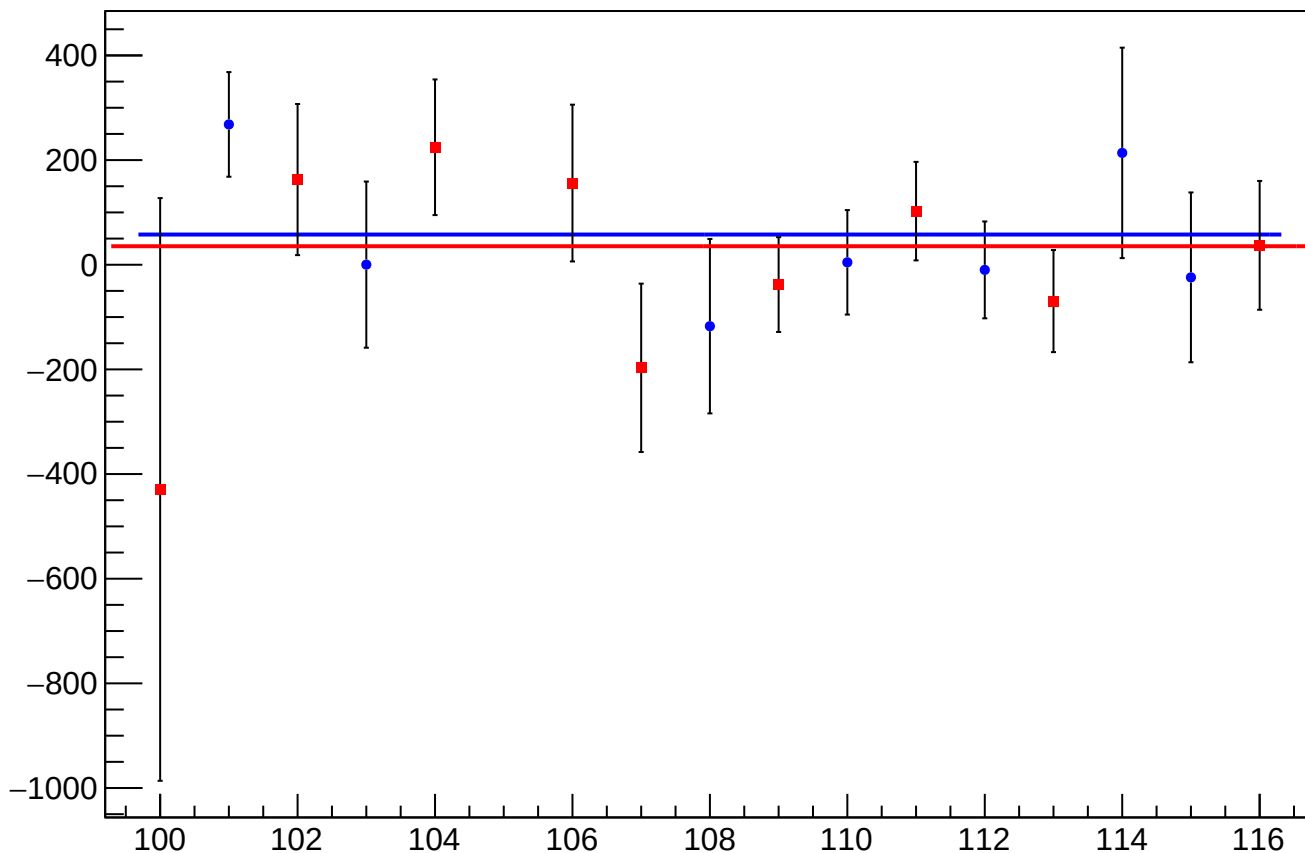
Right: 480.215+/-0.138 χ^2/NDF : 450267.6/15

In: 479.964+/-0.207 χ^2/NDF : 196877.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.215+/-0.138 χ^2/NDF : 450267.6/15

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 57.729 $\pm$ 46.864 χ^2 /NDF: 7.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.376 $\pm$ 40.836 χ^2 /NDF: 8.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

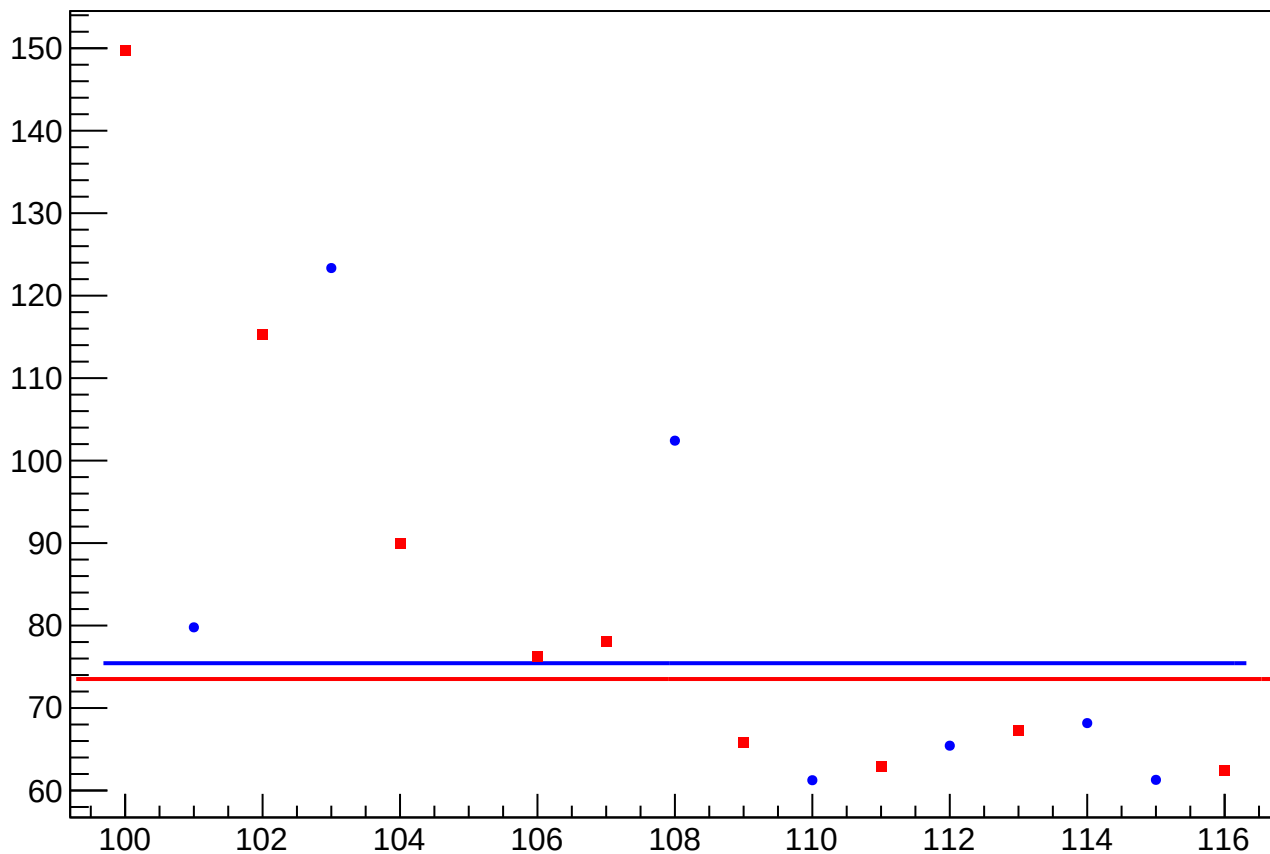
Right: 45.024 $\pm$ 30.788 χ^2 /NDF: 16.1/15

In: 57.729 $\pm$ 46.864 χ^2 /NDF: 7.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.024 $\pm$ 30.788 χ^2 /NDF: 16.1/15

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 75.434+/-0.033 χ^2/NDF : 319790.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.516+/-0.029 χ^2/NDF : 303274.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

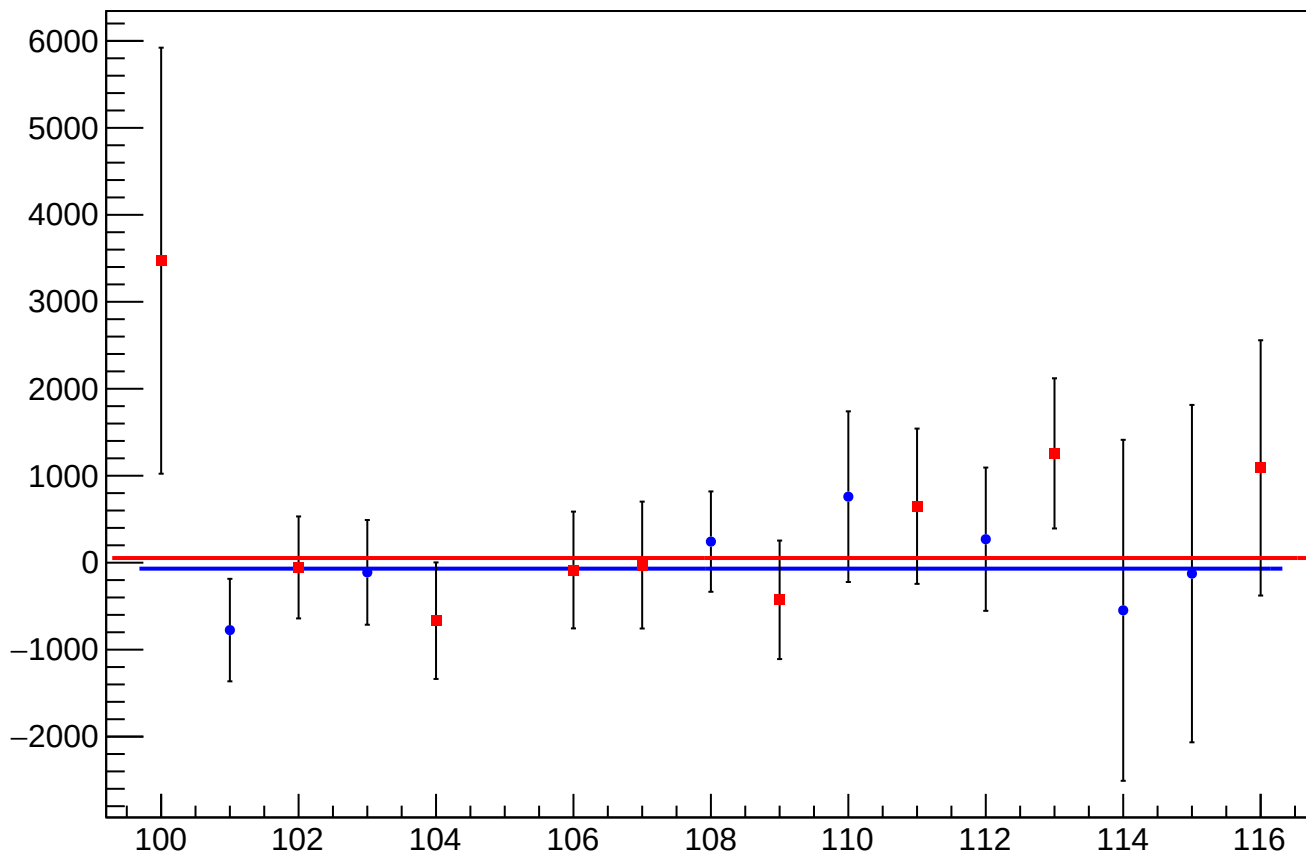
Right: 74.344+/-0.022 χ^2/NDF : 624969.3/15

In: 75.434+/-0.033 χ^2/NDF : 319790.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.344+/-0.022 χ^2/NDF : 624969.3/15

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -68.410 $\pm$ 292.595 χ^2 /NDF: 2.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.698 $\pm$ 261.597 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

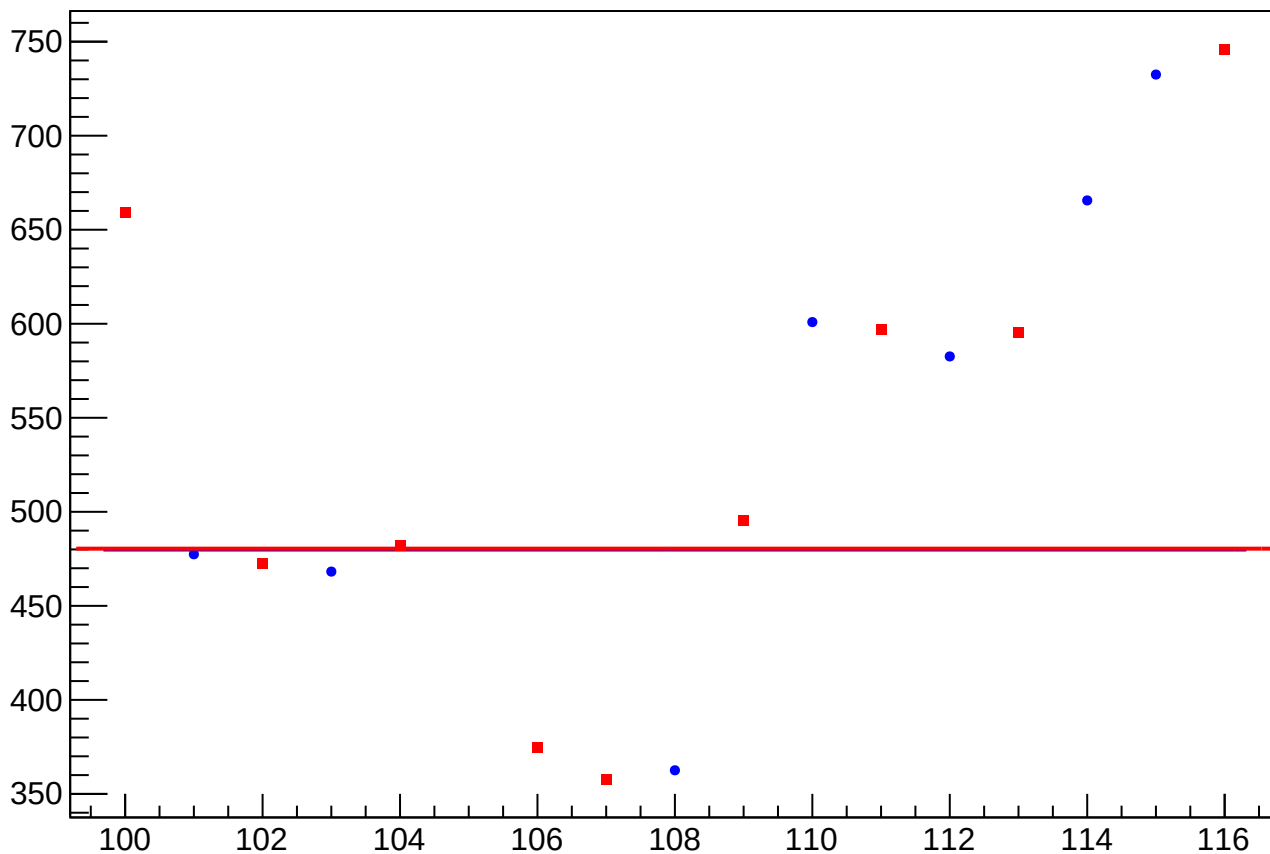
Right: -0.548 $\pm$ 195.019 χ^2 /NDF: 9.3/15

In: -68.410 $\pm$ 292.595 χ^2 /NDF:2.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.548 $\pm$ 195.019 χ^2 /NDF: 9.3/15

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 479.963+/-0.207 χ^2/NDF : 196878.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.416+/-0.185 χ^2/NDF : 253387.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

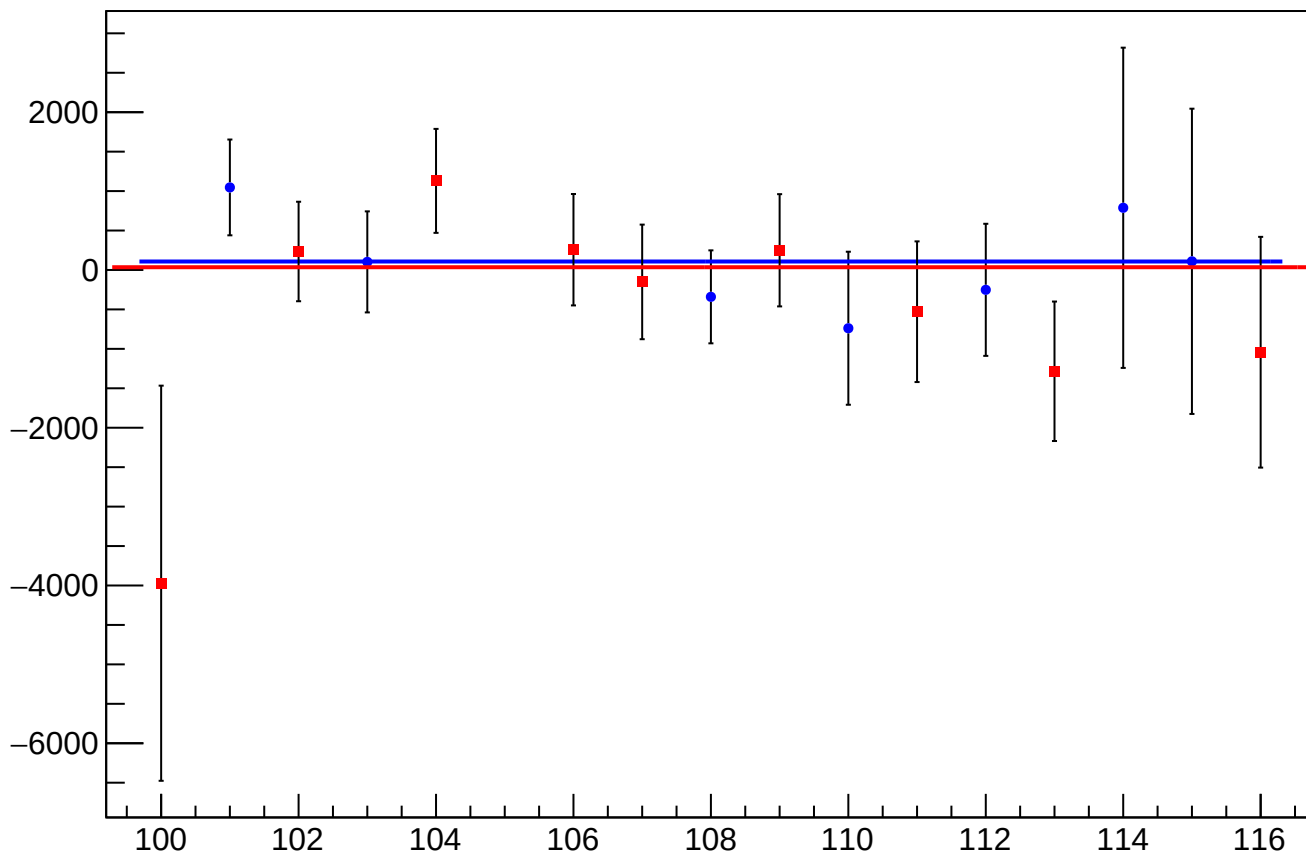
Right: 480.214+/-0.138 χ^2/NDF : 450268.6/15

In: 479.963+/-0.207 χ^2/NDF : 196878.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.214+/-0.138 χ^2/NDF : 450268.6/15

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 107.304 $\pm$ 301.128 χ^2 /NDF: 4.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.753 $\pm$ 268.643 χ^2 /NDF: 8.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

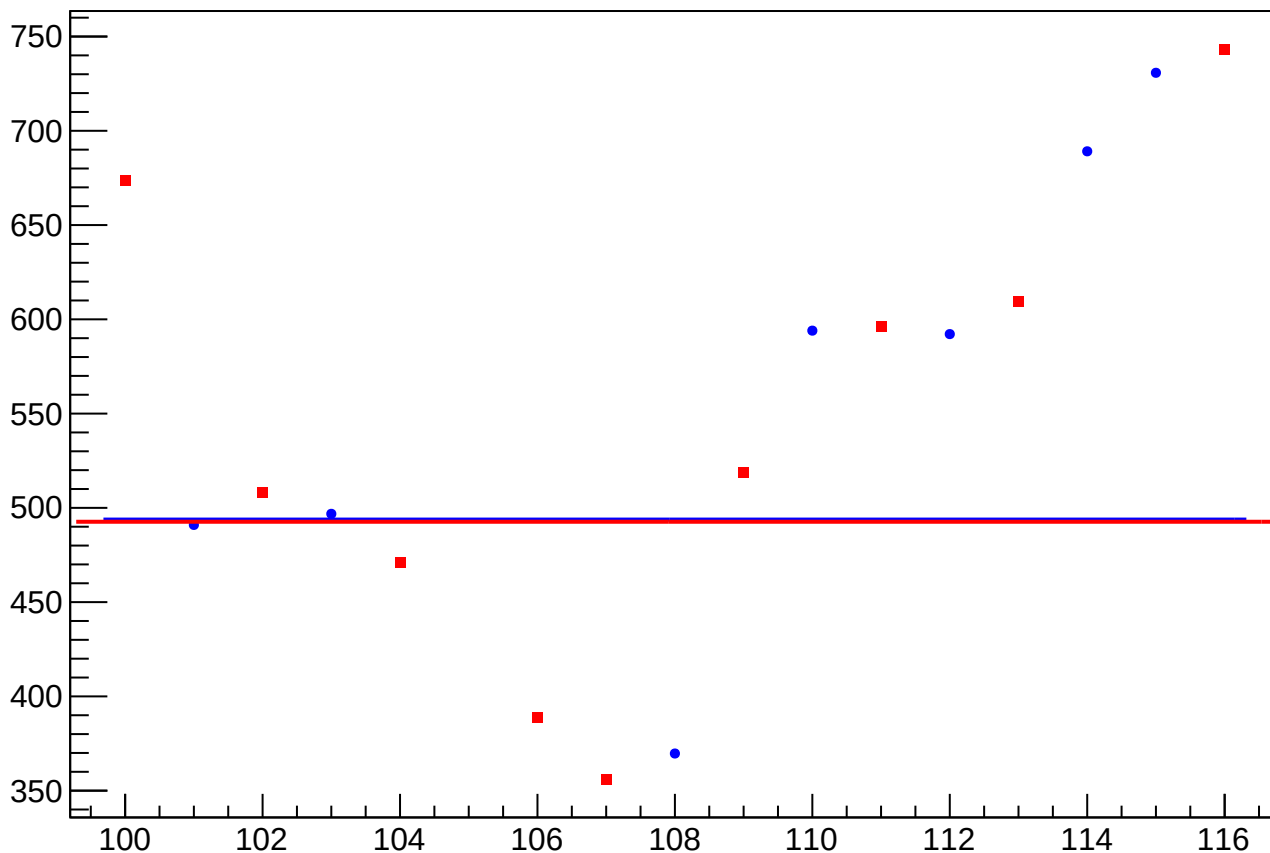
Right: 66.906 $\pm$ 200.464 χ^2 /NDF: 12.9/15

In: 107.304 $\pm$ 301.128 χ^2 /NDF:4.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.906 $\pm$ 200.464 χ^2 /NDF: 12.9/15

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 493.790+/-0.213 χ^2/NDF : 186236.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.632+/-0.190 χ^2/NDF : 251294.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

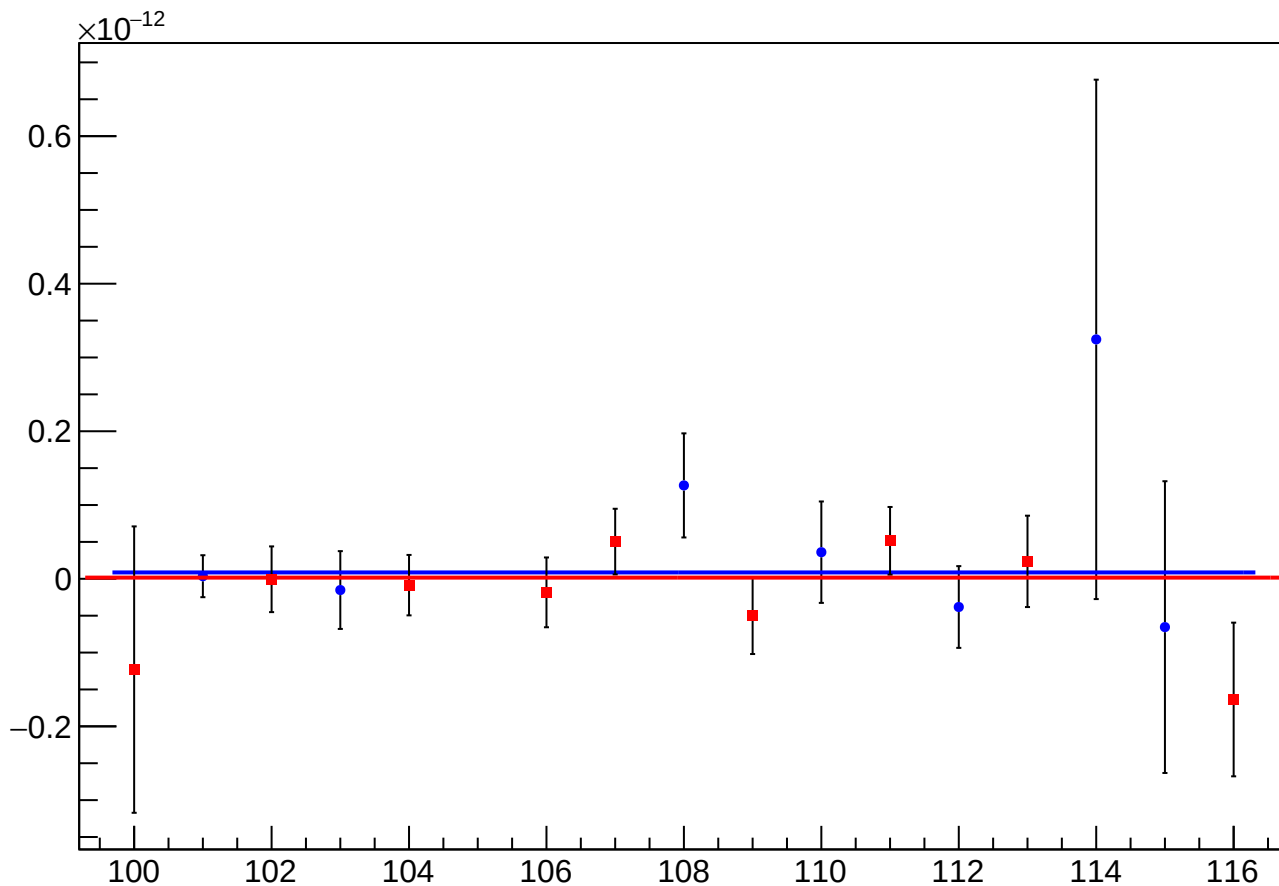
Right: 493.145+/-0.142 χ^2/NDF : 437547.1/15

In: 493.790+/-0.213 χ^2/NDF : 186236.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.145+/-0.142 χ^2/NDF : 437547.1/15

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

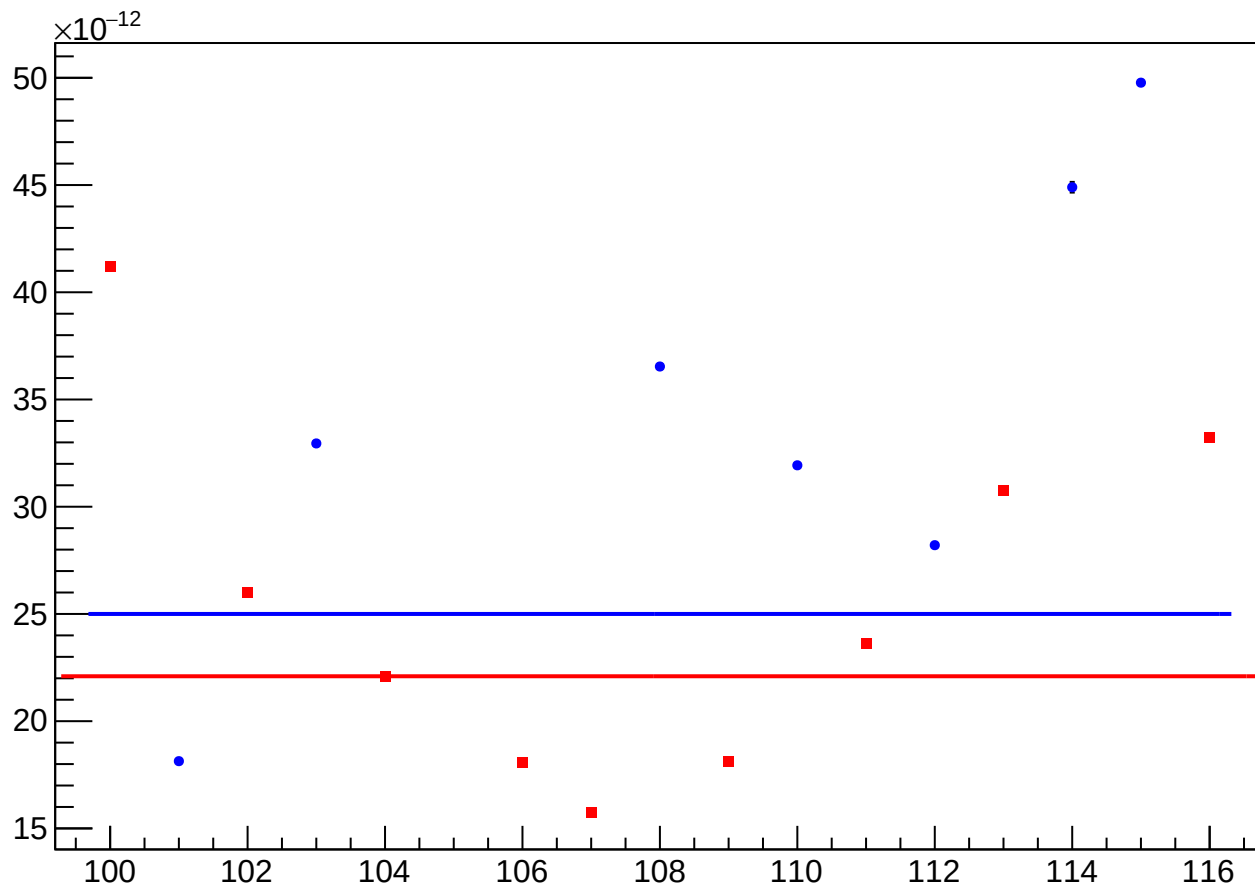
Right: 0.000+/-0.000 χ^2/NDF : 11.6/15

In: 0.000+/-0.000 χ^2/NDF : 4.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.6/15

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 280270.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 166070.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

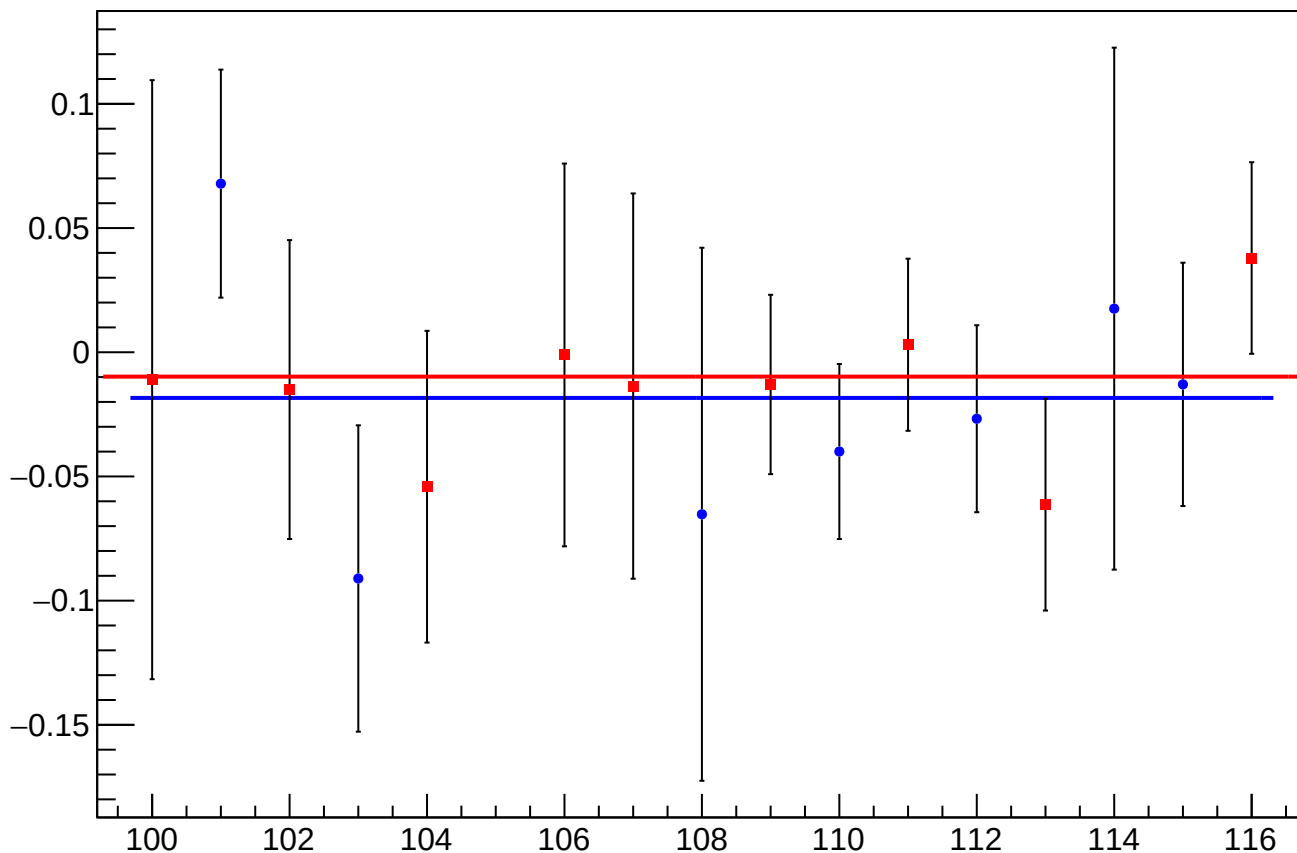
Right: 0.000+/-0.000 χ^2/NDF : 469552.7/15

In: 0.000+/-0.000 χ^2/NDF : 280270.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 469552.7/15

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.019 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.016 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

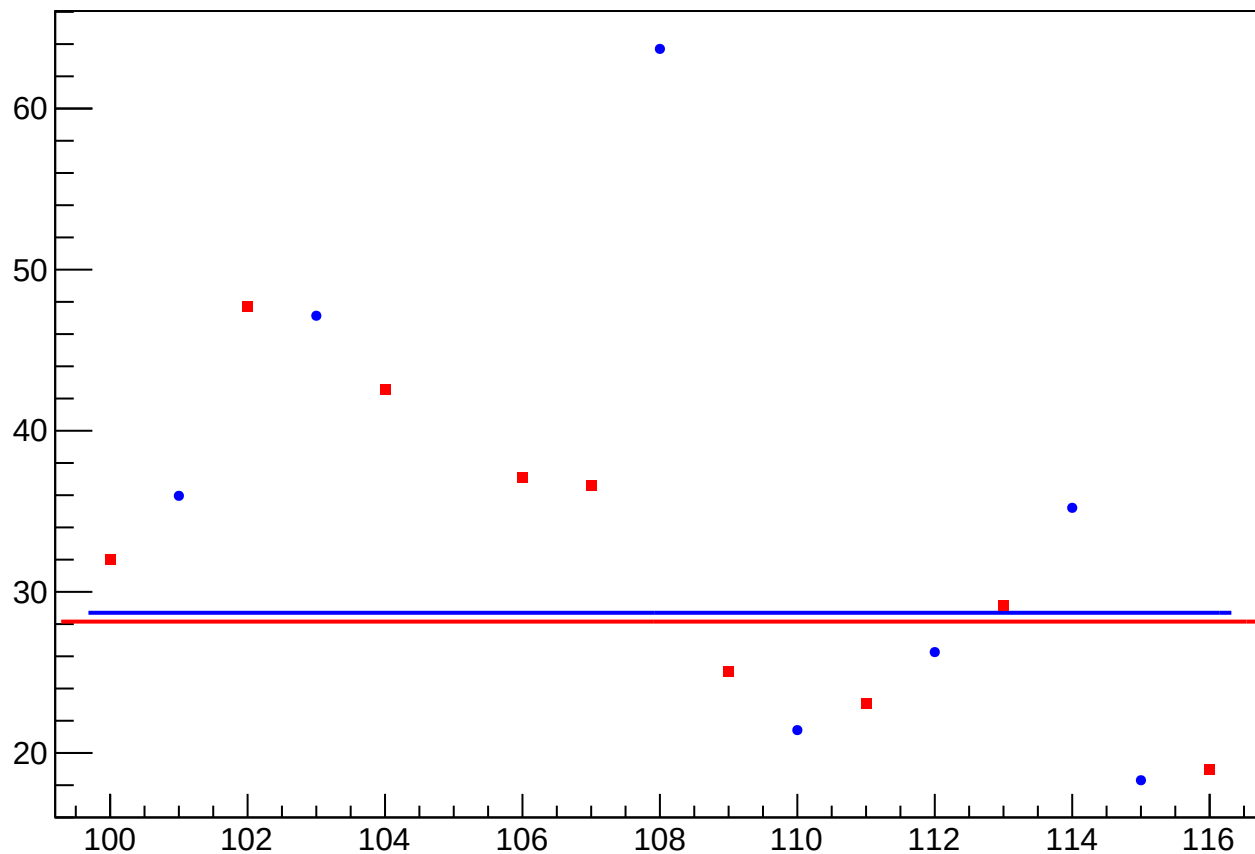
Right: -0.014+/-0.012 χ^2/NDF : 9.5/15

In: -0.018+/-0.019 χ^2/NDF :5.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.012 χ^2/NDF : 9.5/15

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.702 $\pm$ 0.013 χ^2 /NDF: 633266.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.154 $\pm$ 0.012 χ^2 /NDF: 542870.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

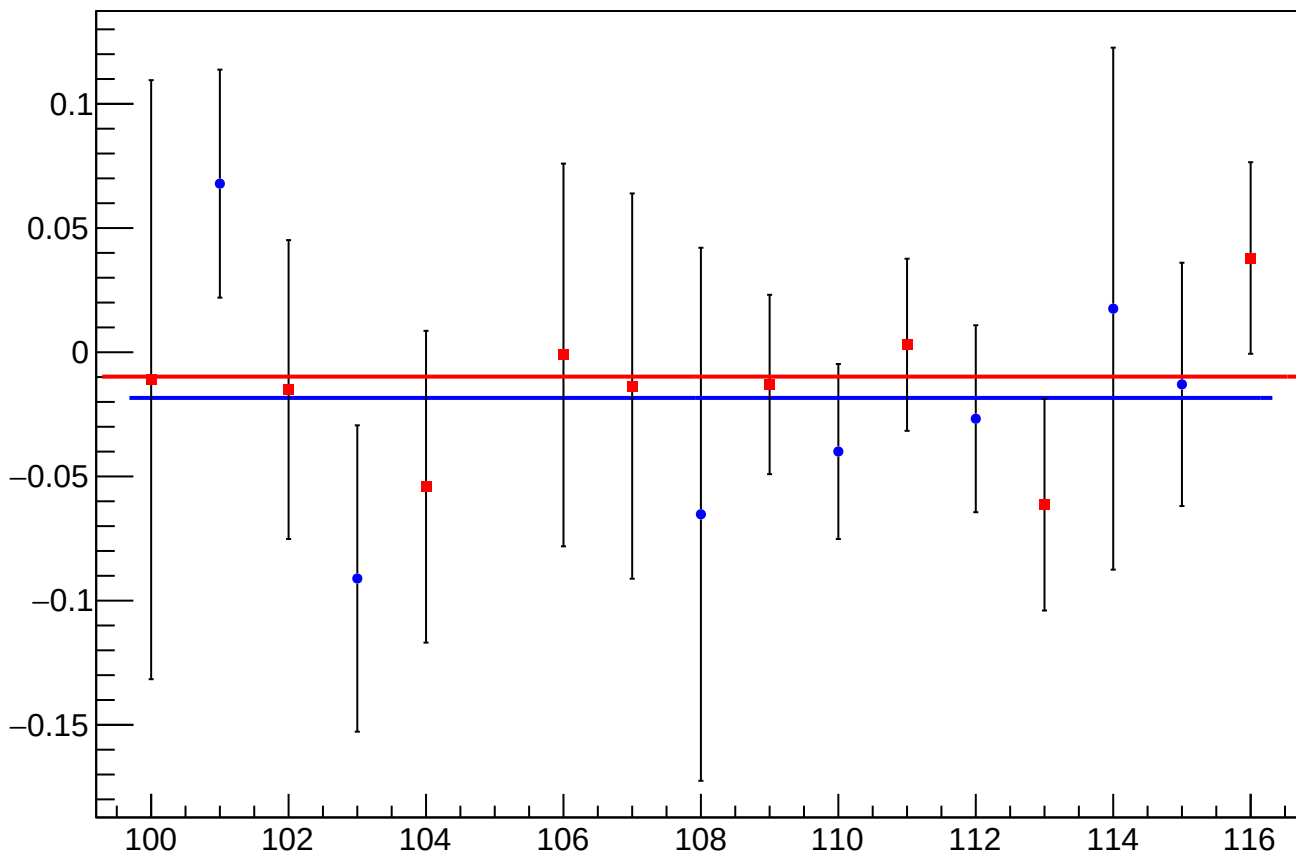
Right: 28.390 $\pm$ 0.009 χ^2 /NDF: 1177109.5/15

In: 28.702 $\pm$ 0.013 χ^2 /NDF: 633266.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.390 $\pm$ 0.009 χ^2 /NDF: 1177109.5/15

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.019 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.016 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

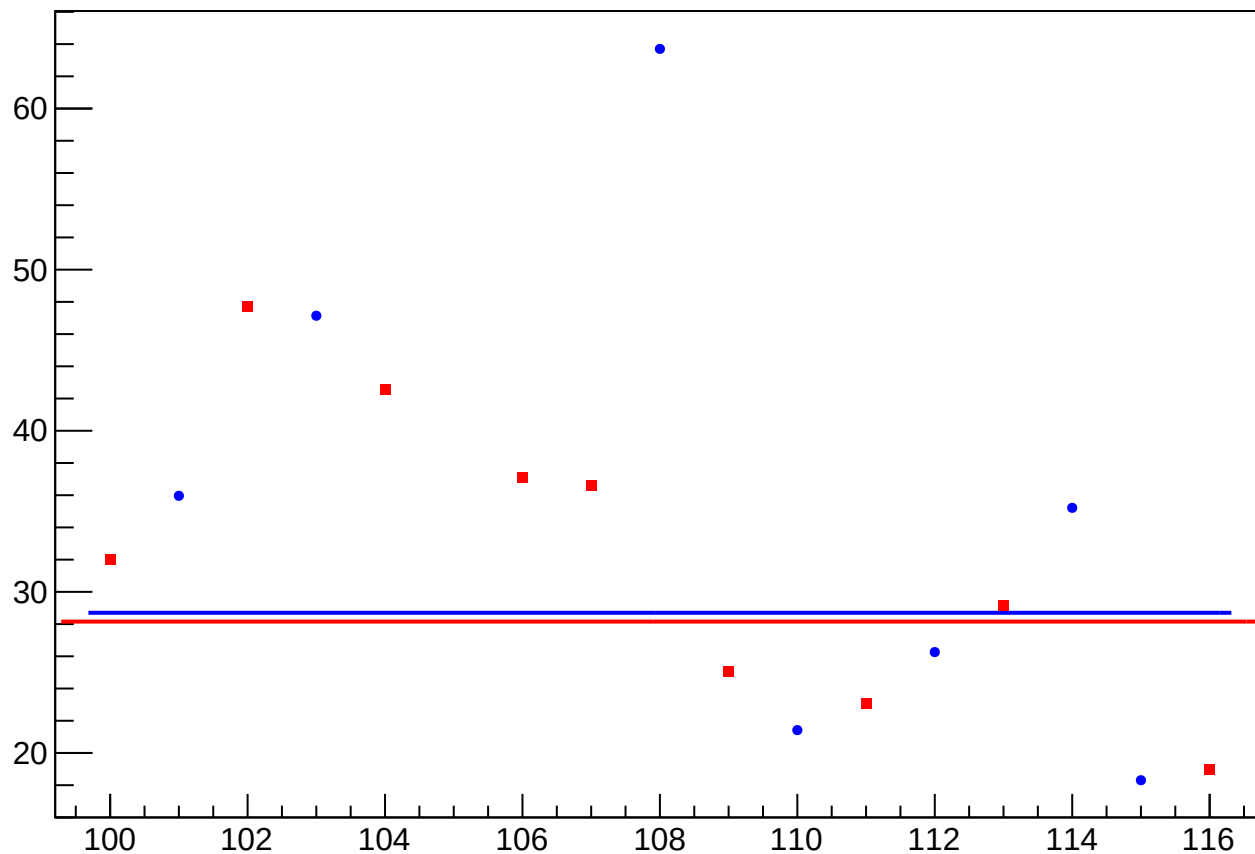
Right: -0.014+/-0.012 χ^2/NDF : 9.5/15

In: -0.018+/-0.019 χ^2/NDF :5.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.012 χ^2/NDF : 9.5/15

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.702 $\pm$ 0.013 χ^2 /NDF: 633266.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.154 $\pm$ 0.012 χ^2 /NDF: 542870.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

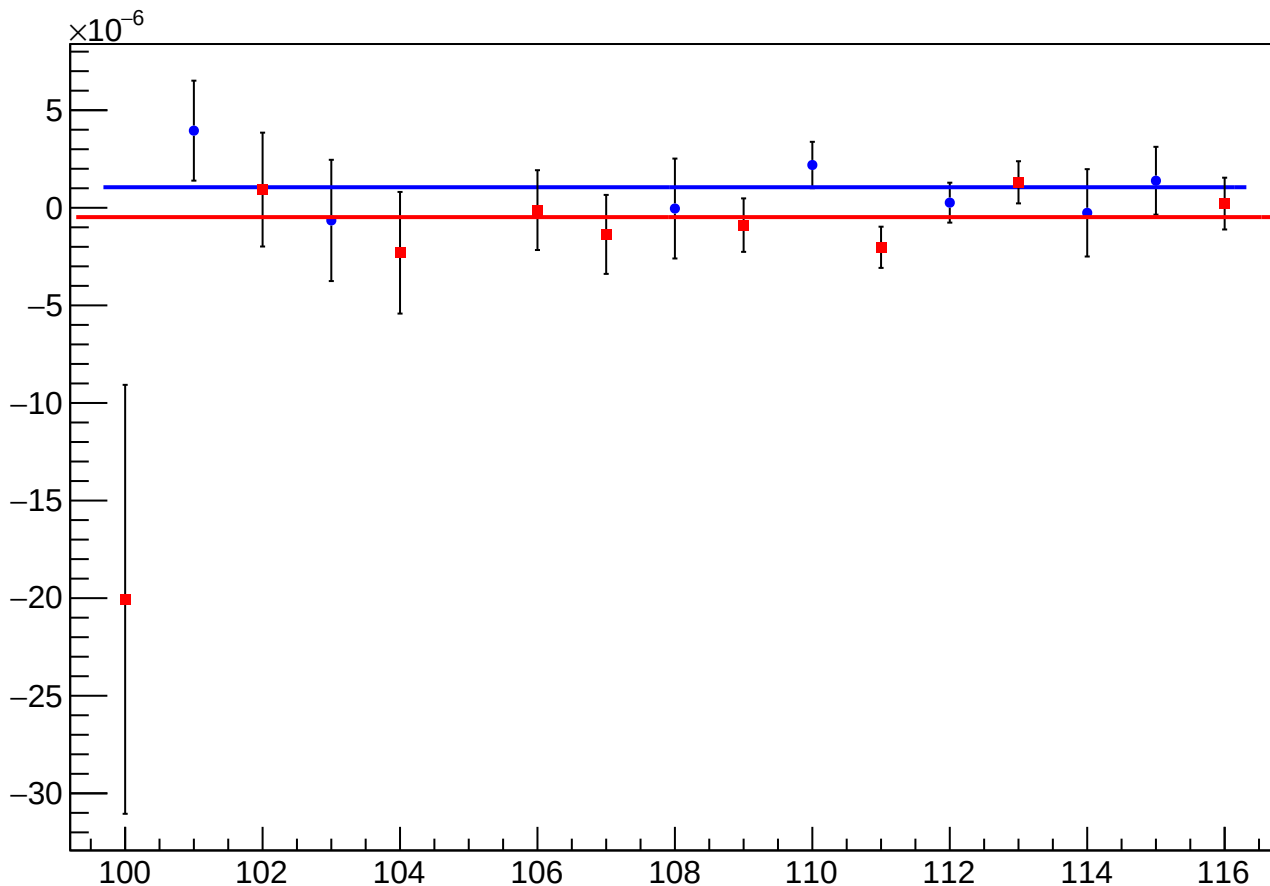
Right: 28.390 $\pm$ 0.009 χ^2 /NDF: 1177109.5/15

In: 28.702 $\pm$ 0.013 χ^2 /NDF:633266.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.390 $\pm$ 0.009 χ^2 /NDF: 1177109.5/15

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

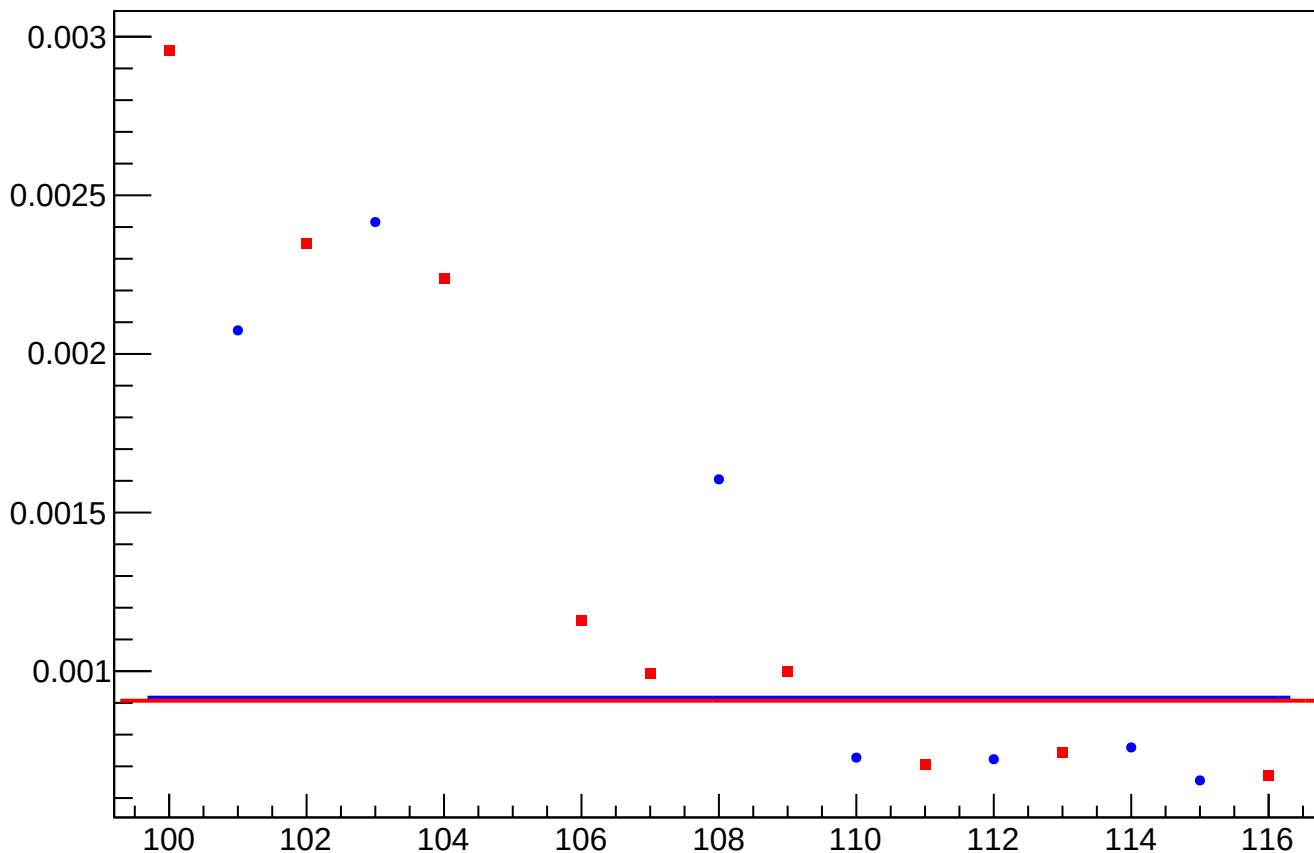
Right: 0.000+/-0.000 χ^2/NDF : 16.4/15

In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/15

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1196914.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1148310.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

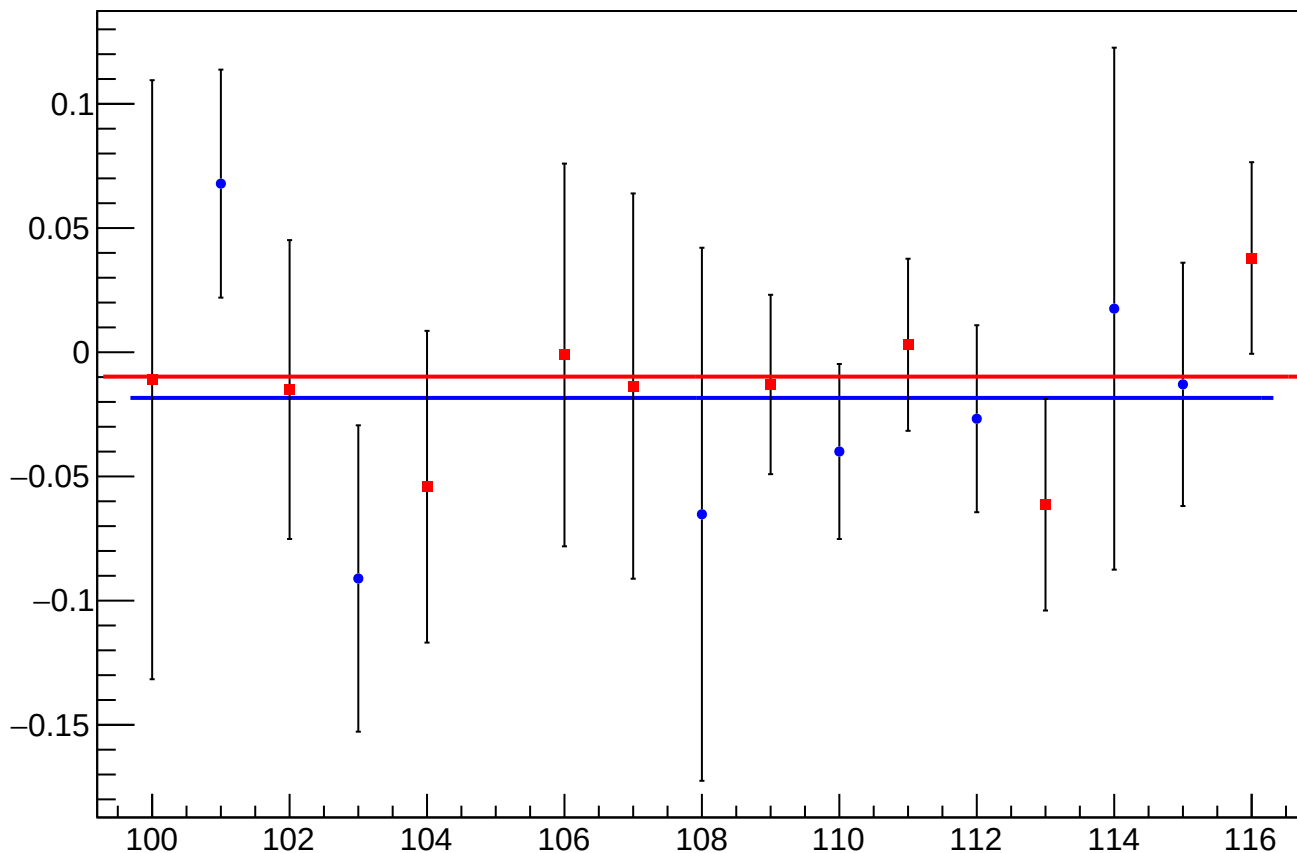
Right: 0.001+/-0.000 χ^2/NDF : 2345496.7/15

In: 0.001+/-0.000 χ^2/NDF : 1196914.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2345496.7/15

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.019 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.016 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

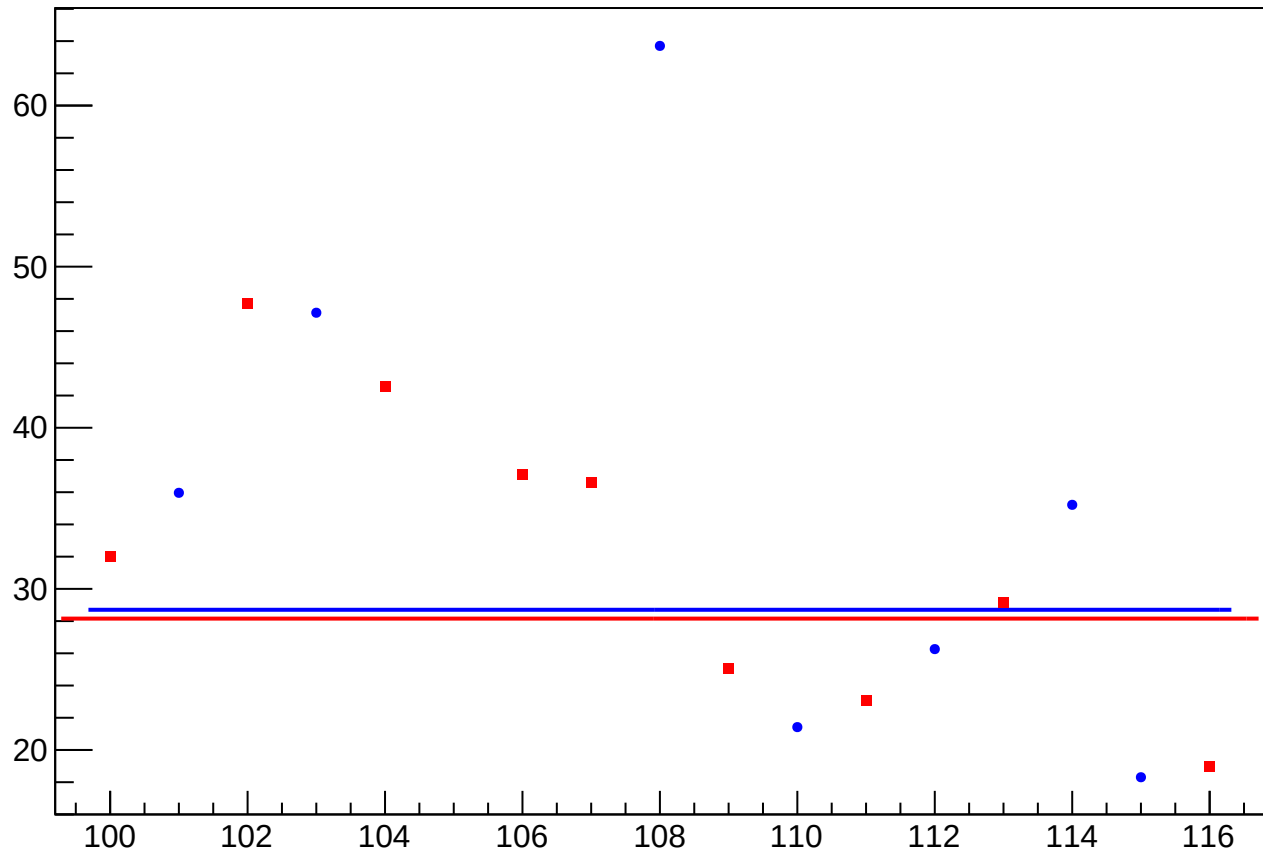
Right: -0.014+/-0.012 χ^2/NDF : 9.5/15

In: -0.018+/-0.019 χ^2/NDF :5.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.012 χ^2/NDF : 9.5/15

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.702 $\pm$ 0.013 χ^2 /NDF: 633289.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.154 $\pm$ 0.012 χ^2 /NDF: 542874.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

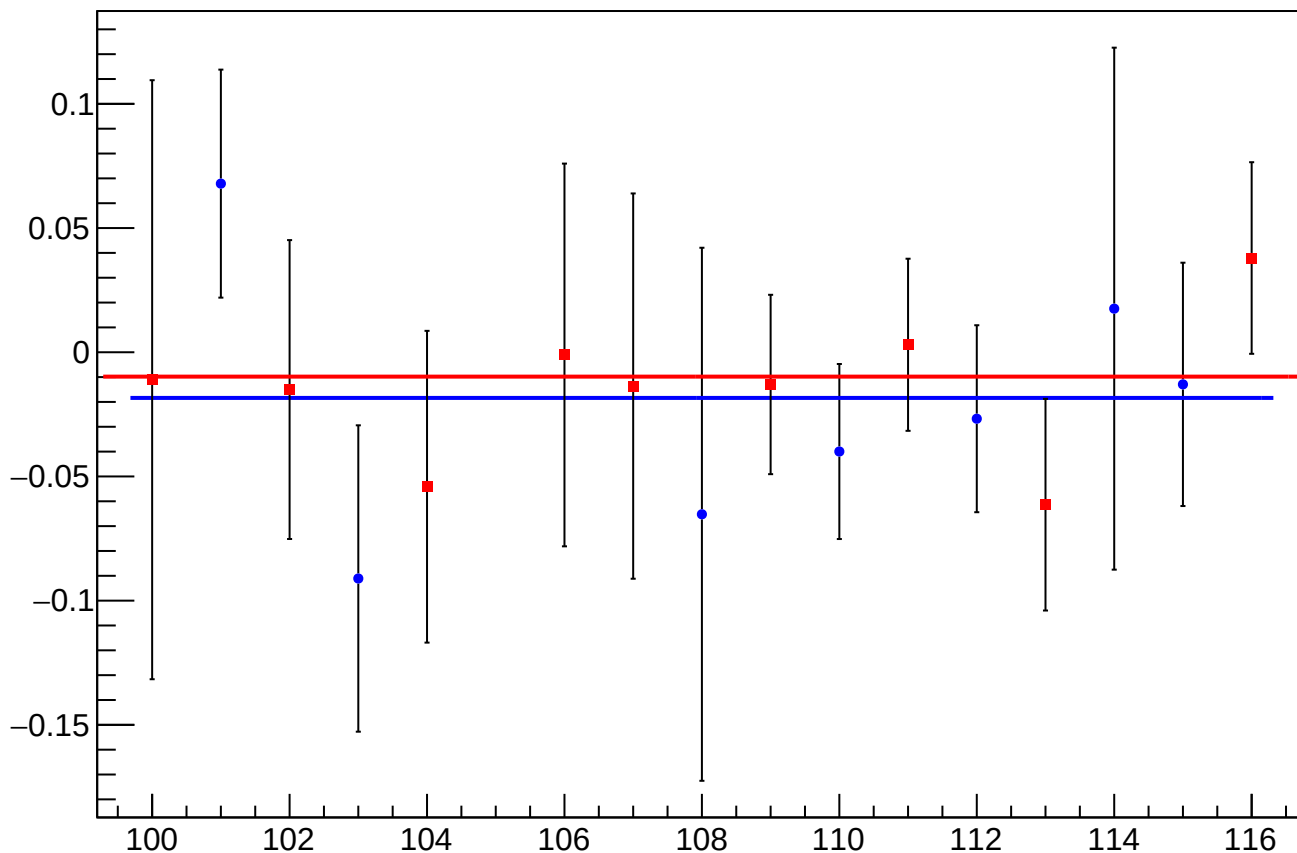
Right: 28.391 $\pm$ 0.009 χ^2 /NDF: 1177136.3/15

In: 28.702 $\pm$ 0.013 χ^2 /NDF:633289.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.391 $\pm$ 0.009 χ^2 /NDF: 1177136.3/15

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.019 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.016 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

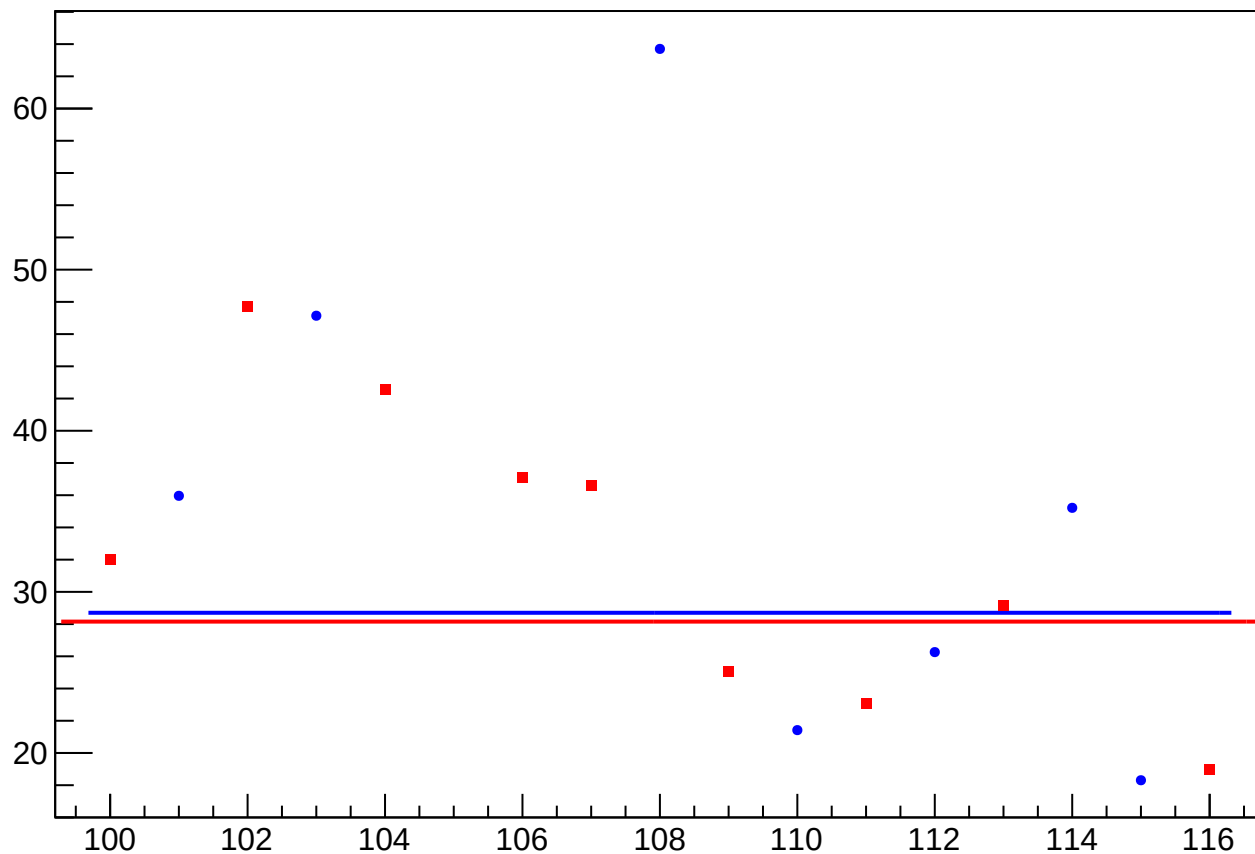
Right: -0.014+/-0.012 χ^2/NDF : 9.5/15

In: -0.018+/-0.019 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.012 χ^2/NDF : 9.5/15

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.702+/-0.013 χ^2/NDF : 633289.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.154+/-0.012 χ^2/NDF : 542874.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

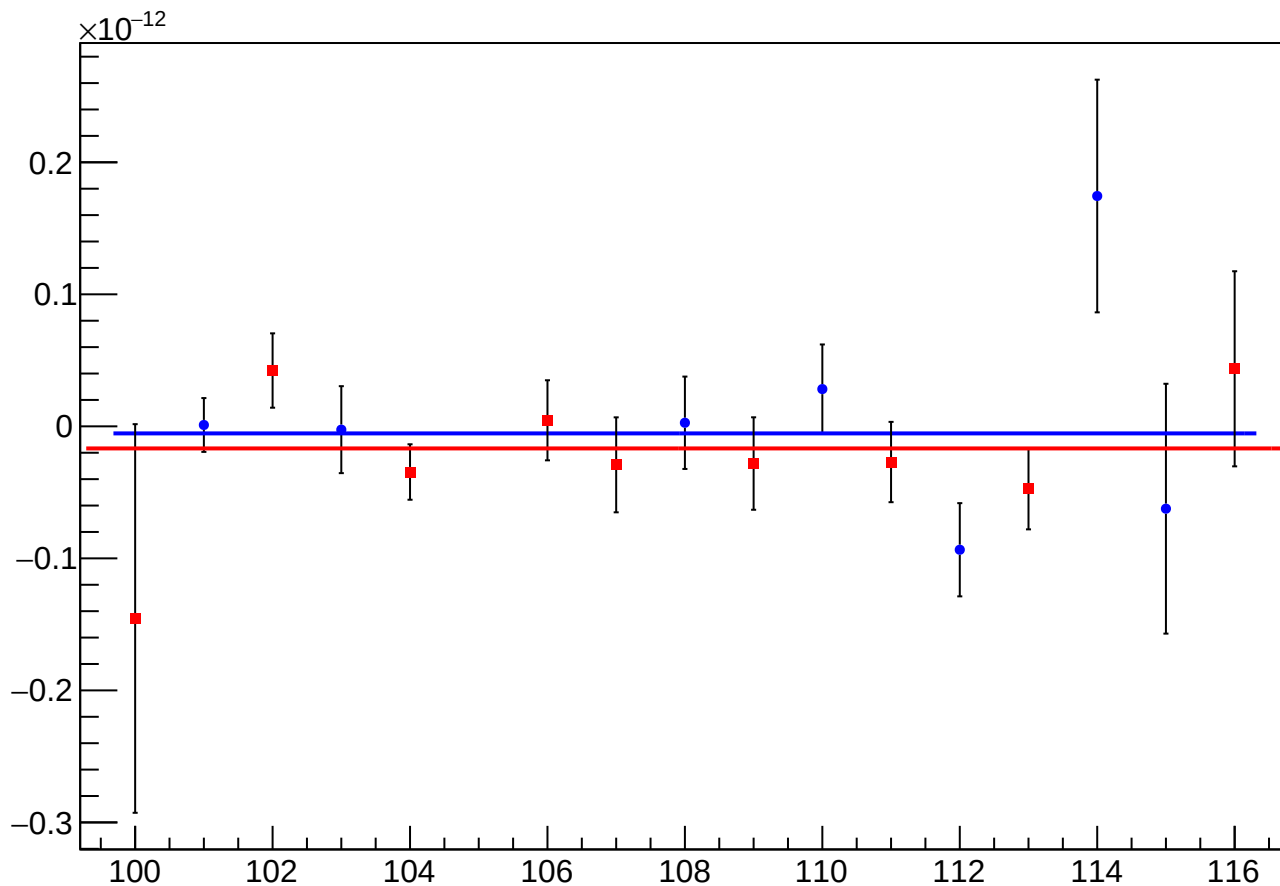
Right: 28.391+/-0.009 χ^2/NDF : 1177136.3/15

In: 28.702+/-0.013 χ^2/NDF : 633289.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.391+/-0.009 χ^2/NDF : 1177136.3/15

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

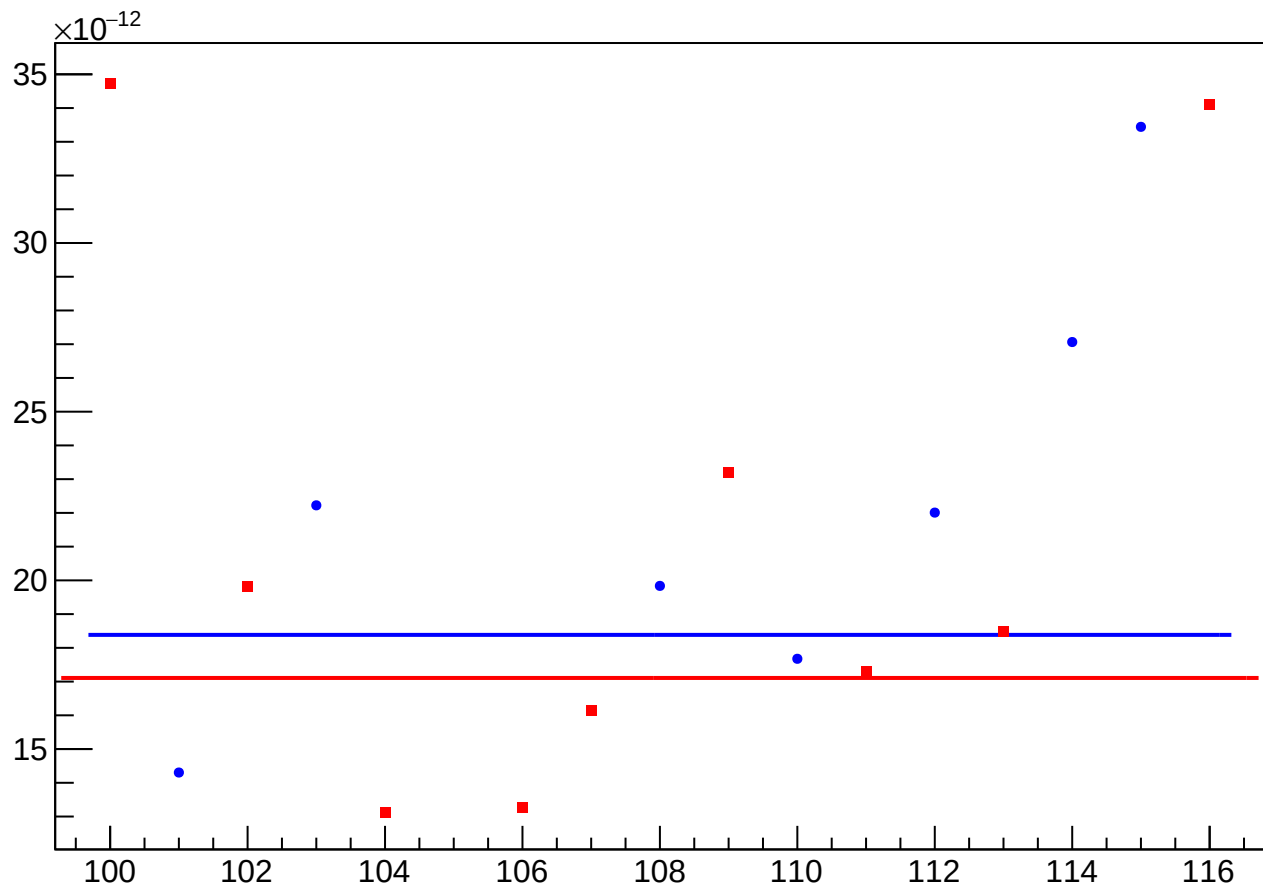
Right: -0.000+/-0.000 χ^2/NDF : 20.7/15

In: -0.000+/-0.000 χ^2/NDF : 11.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.7/15

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 202742.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 322722.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

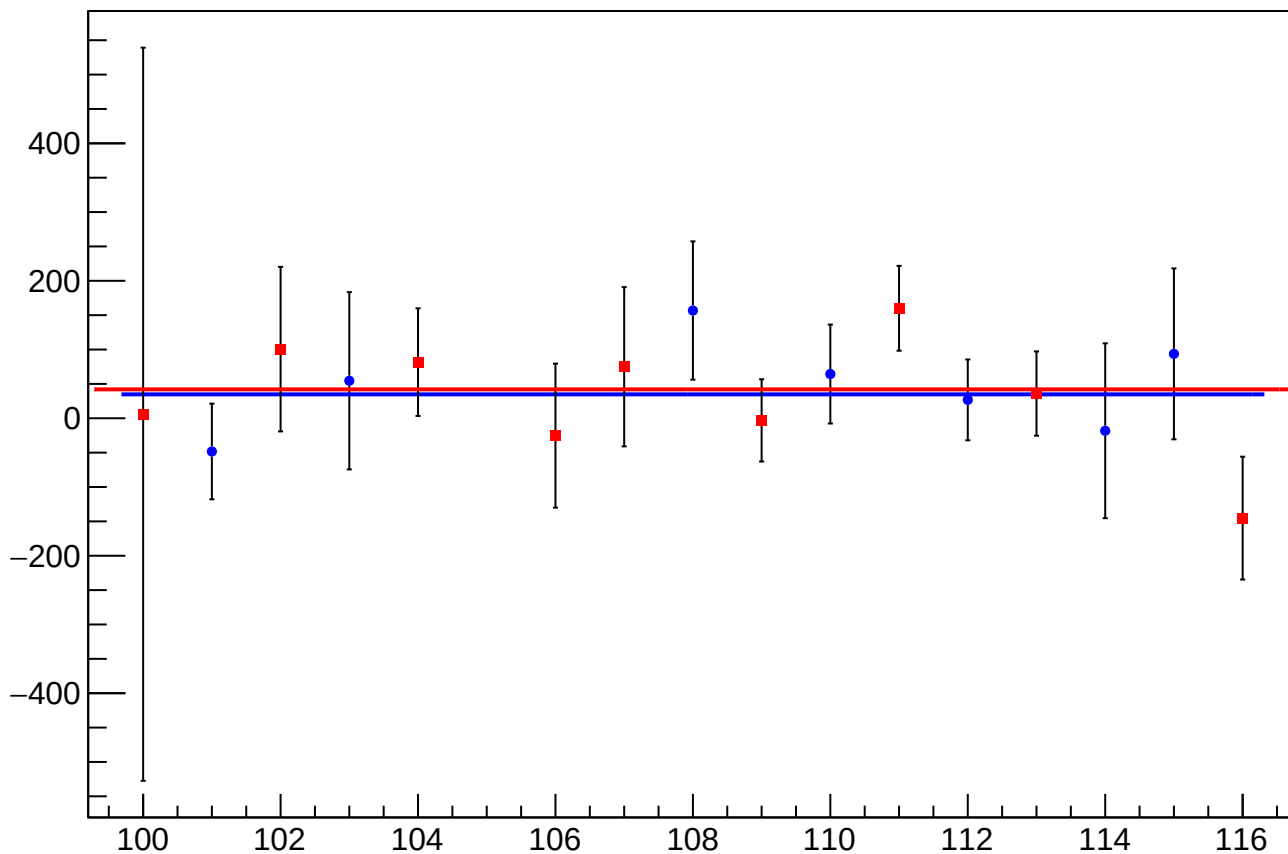
Right: 0.000+/-0.000 χ^2/NDF : 537041.0/15

In: 0.000+/-0.000 χ^2/NDF : 202742.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 537041.0/15

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 34.791 $\pm$ 32.042 χ^2 /NDF: 3.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.070 $\pm$ 27.367 χ^2 /NDF: 9.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

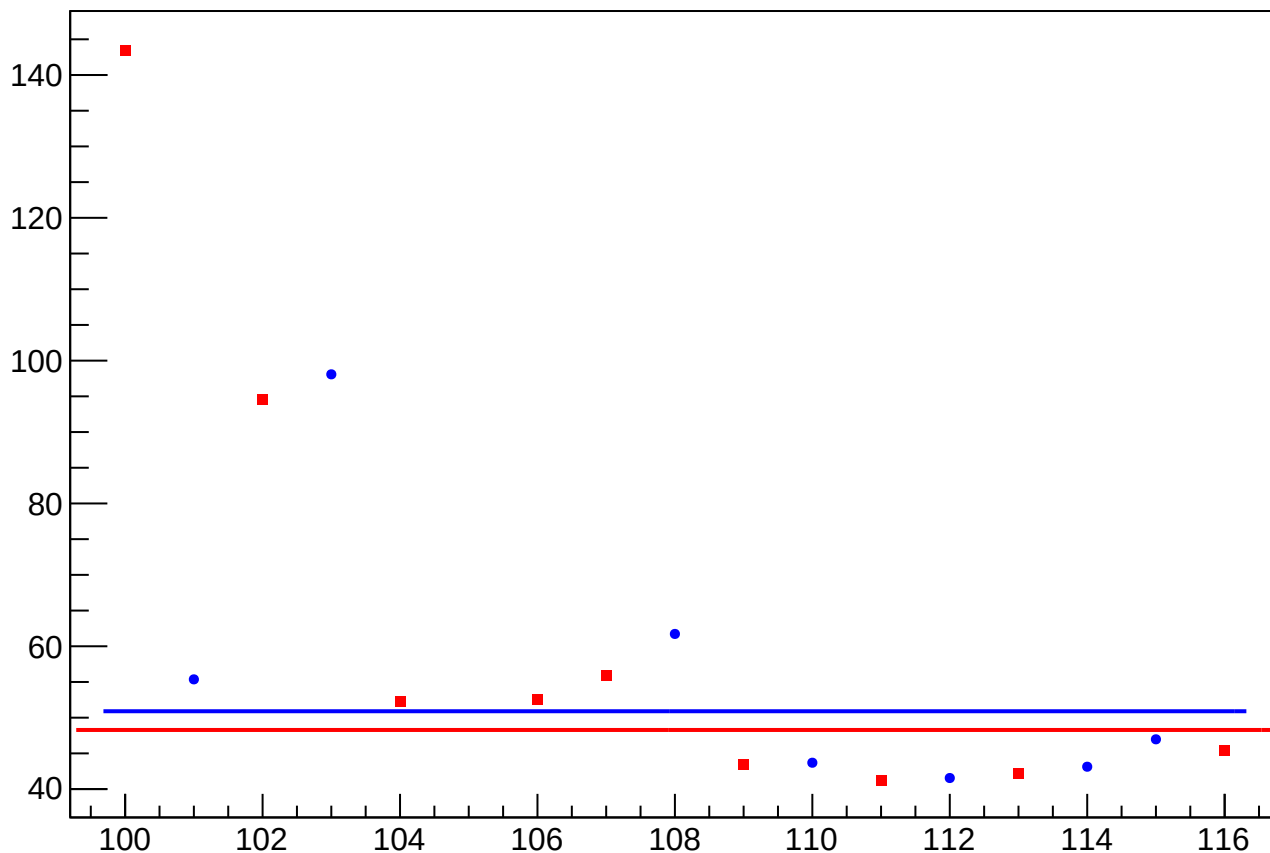
Right: 39.000 $\pm$ 20.810 χ^2 /NDF: 13.2/15

In: 34.791 $\pm$ 32.042 χ^2 /NDF:3.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.000 $\pm$ 20.810 χ^2 /NDF: 13.2/15

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.902 $\pm$ 0.023 χ^2 /NDF: 379154.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.279 $\pm$ 0.019 χ^2 /NDF: 440457.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

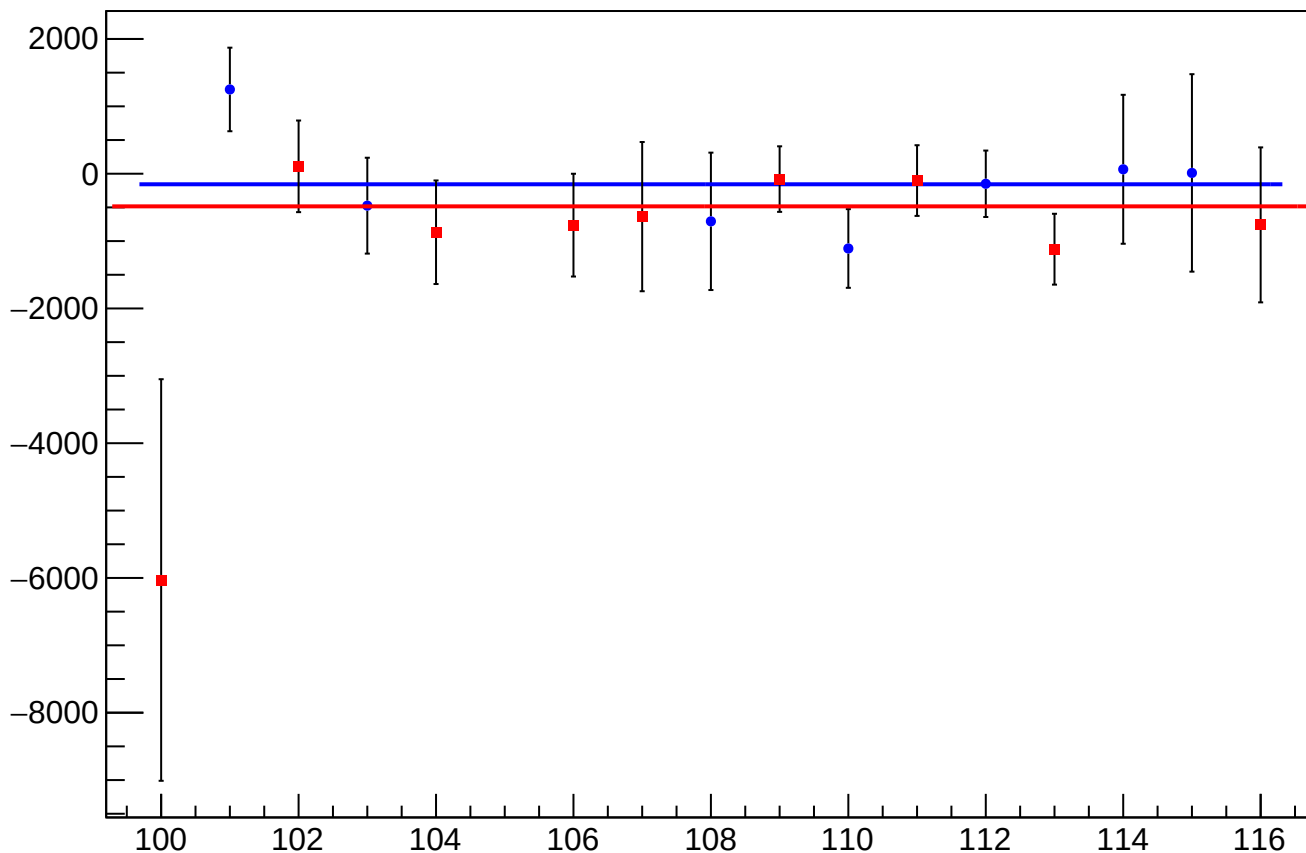
Right: 49.385 $\pm$ 0.015 χ^2 /NDF: 827361.5/15

In: 50.902 $\pm$ 0.023 χ^2 /NDF: 379154.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.385 $\pm$ 0.015 χ^2 /NDF: 827361.5/15

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -156.821+/-268.537 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -484.490+/-231.037 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

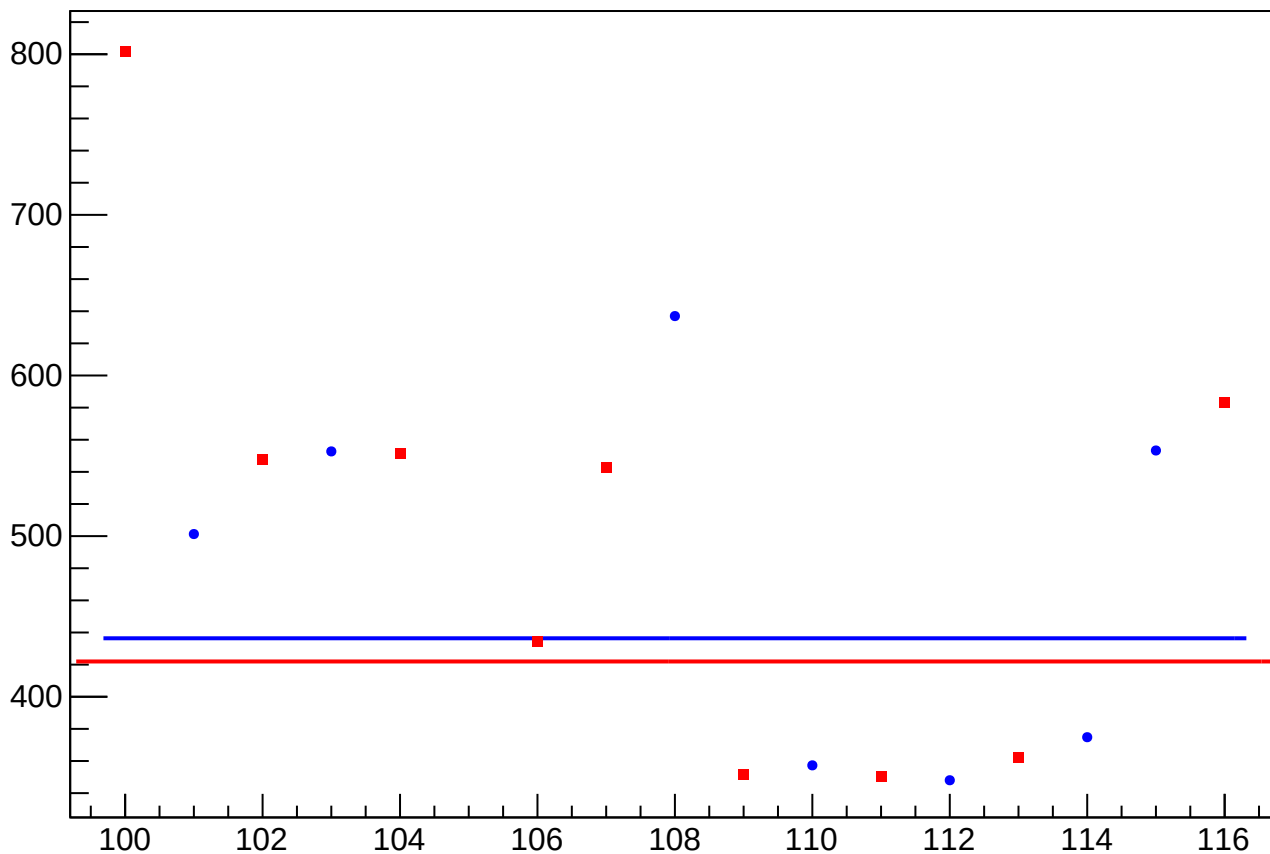
Right: -345.113+/-175.138 χ^2/NDF : 16.6/15

In: -156.821+/-268.537 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.113+/-175.138 χ^2/NDF : 16.6/15

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 436.401+/-0.190 χ^2/NDF : 272665.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.965+/-0.163 χ^2/NDF : 326819.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

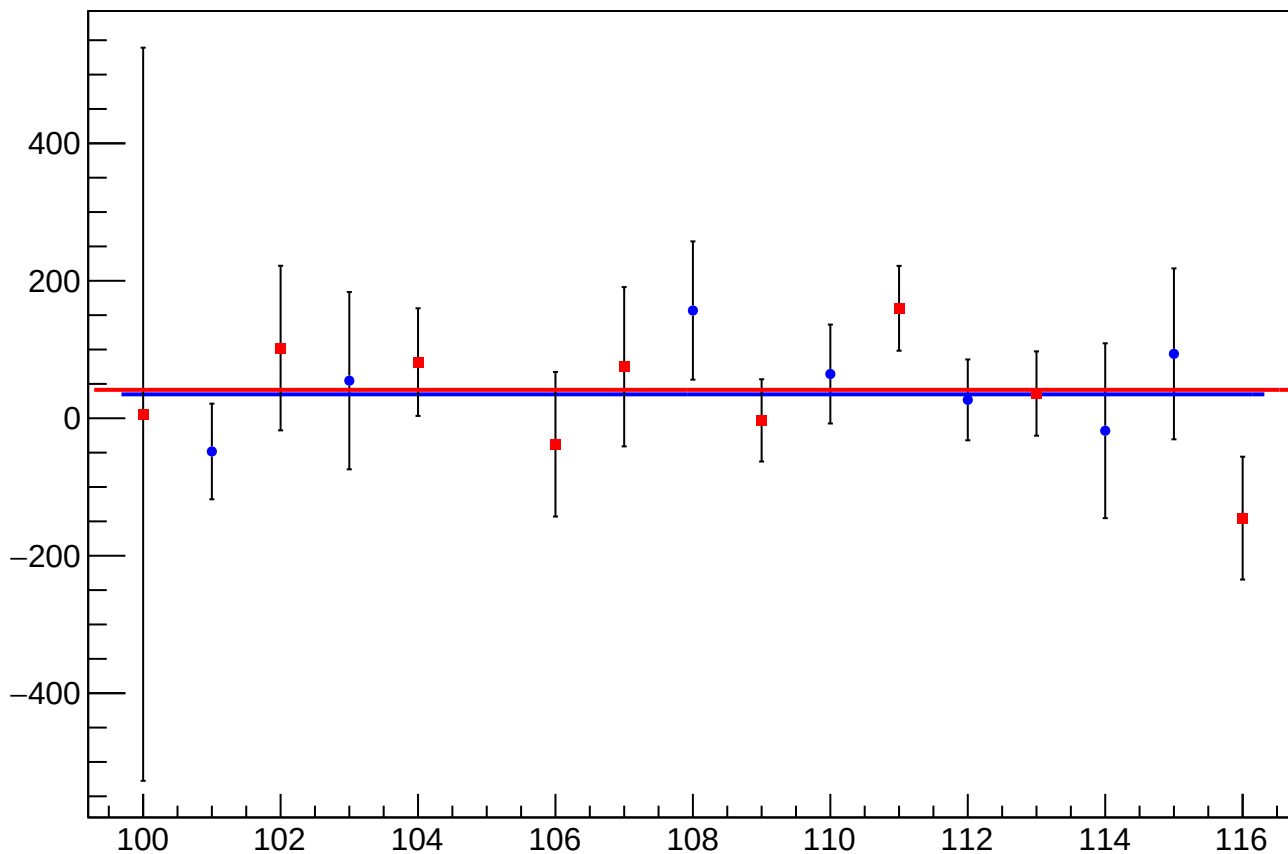
Right: 428.106+/-0.124 χ^2/NDF : 602806.4/15

In: 436.401+/-0.190 χ^2/NDF : 272665.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.106+/-0.124 χ^2/NDF : 602806.4/15

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 34.808+/-32.042 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.347+/-27.376 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

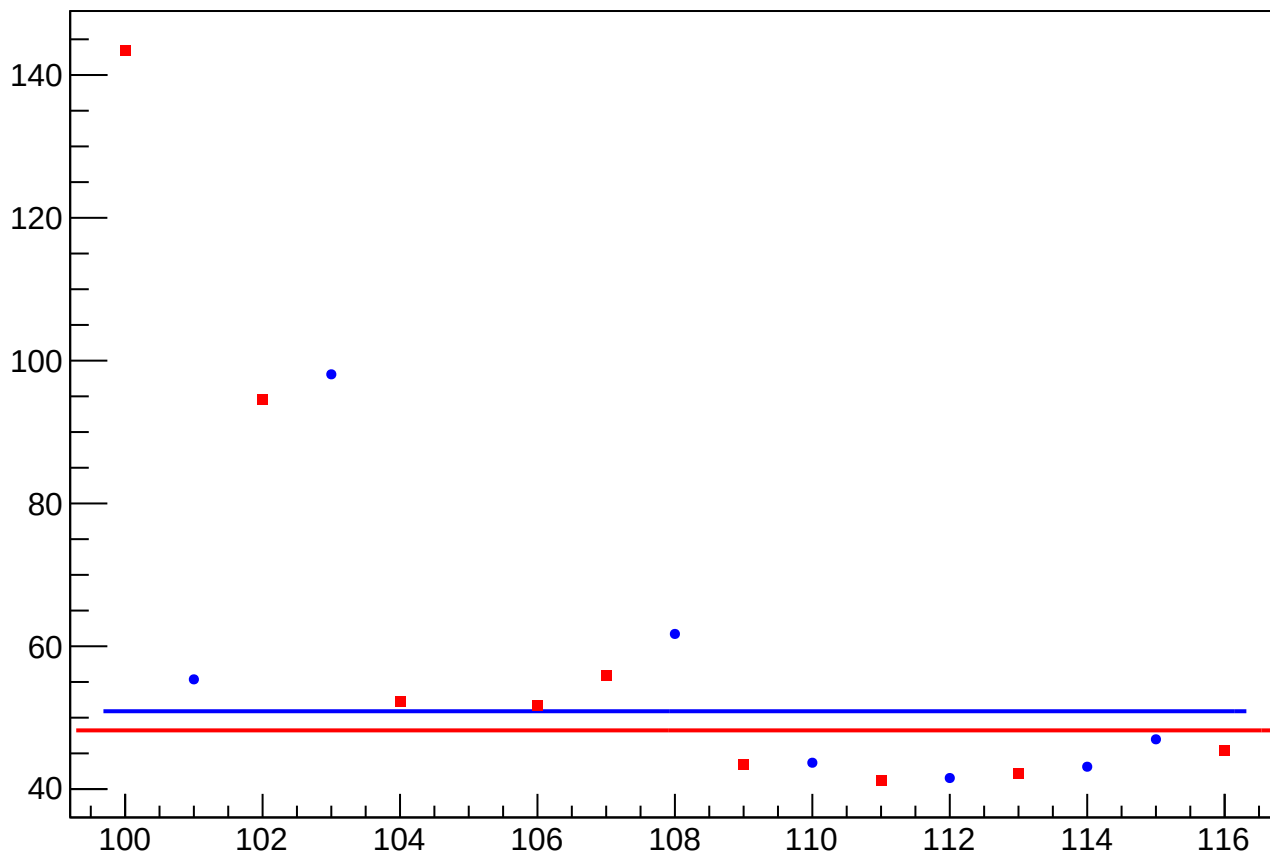
Right: 38.588+/-20.814 χ^2/NDF : 13.3/15

In: 34.808+/-32.042 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.588+/-20.814 χ^2/NDF : 13.3/15

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.902 $\pm$ 0.023 χ^2 /NDF: 379157.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.221 $\pm$ 0.019 χ^2 /NDF: 439527.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

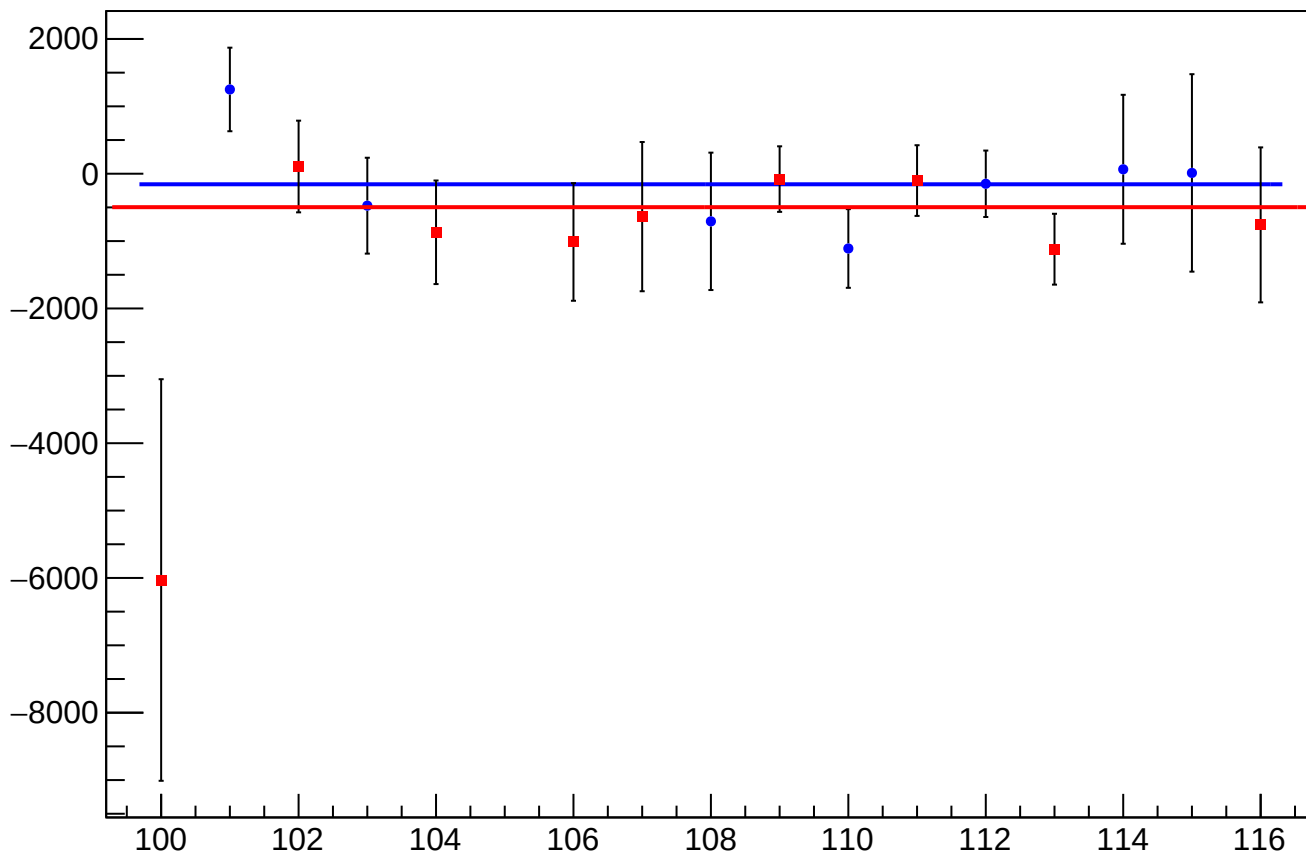
Right: 49.352 $\pm$ 0.015 χ^2 /NDF: 826778.3/15

In: 50.902 $\pm$ 0.023 χ^2 /NDF:379157.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.352 $\pm$ 0.015 χ^2 /NDF: 826778.3/15

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -156.820+/-268.540 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -496.628+/-233.606 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

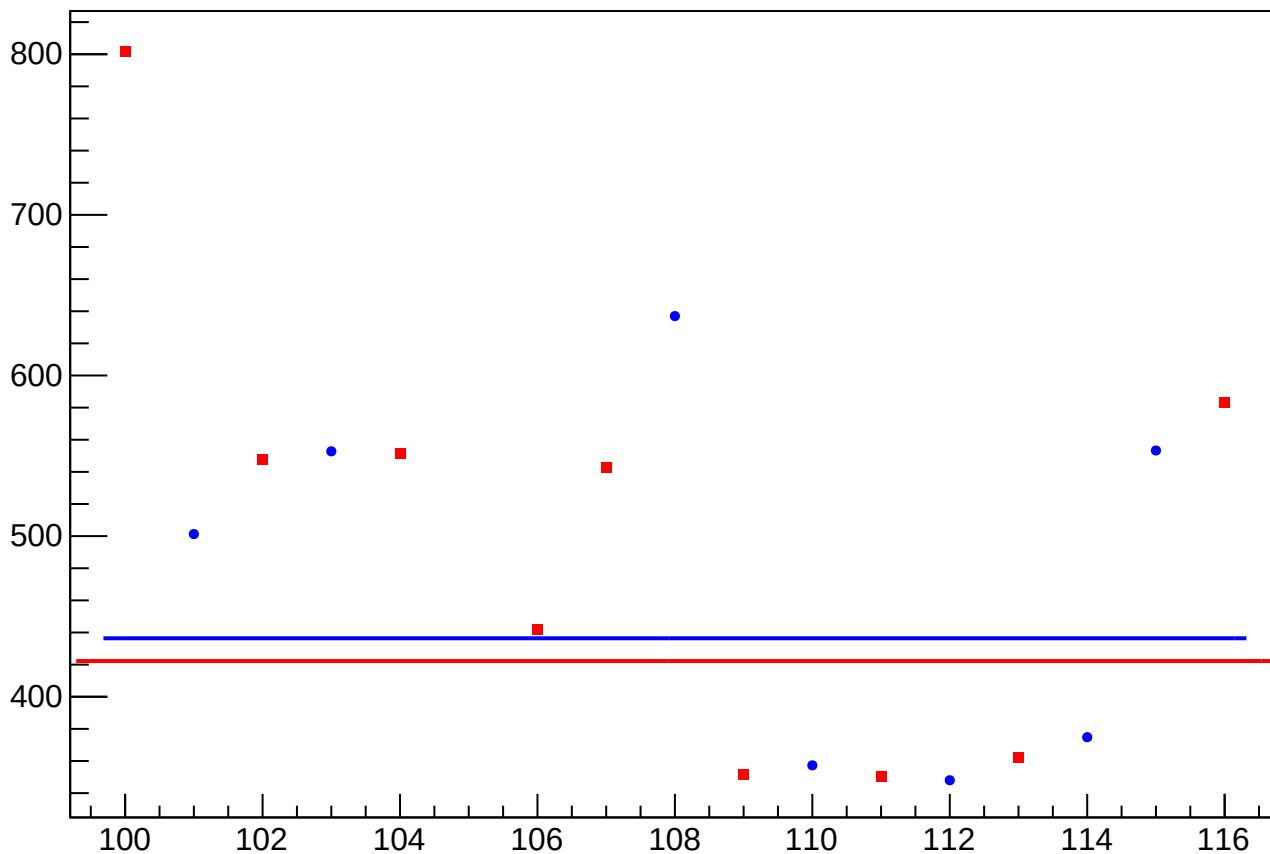
Right: -350.251+/-176.250 χ^2/NDF : 16.9/15

In: -156.820+/-268.540 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.251+/-176.250 χ^2/NDF : 16.9/15

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 436.405+/-0.190 χ^2/NDF : 272705.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.243+/-0.165 χ^2/NDF : 327636.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

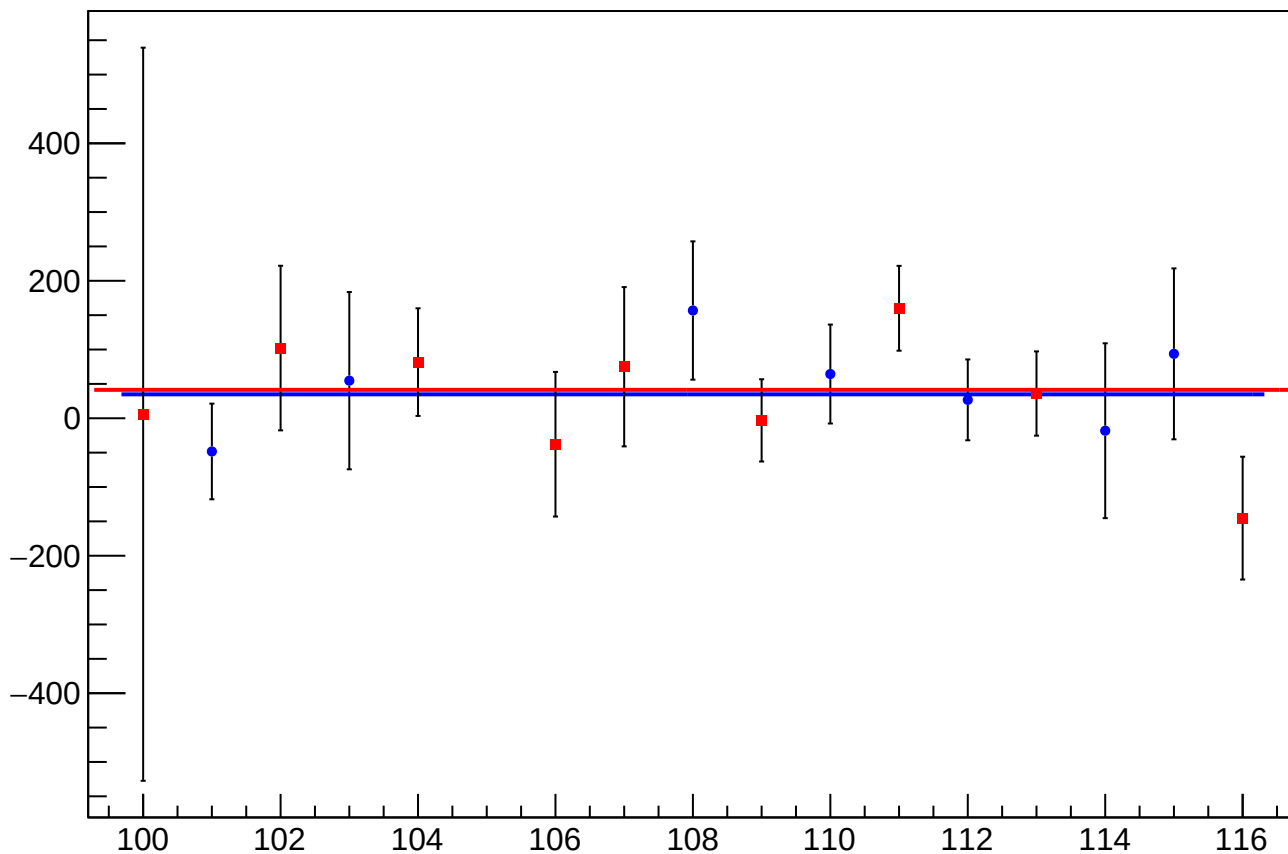
Right: 428.344+/-0.125 χ^2/NDF : 603508.1/15

In: 436.405+/-0.190 χ^2/NDF : 272705.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.344+/-0.125 χ^2/NDF : 603508.1/15

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 34.808+/-32.042 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.347+/-27.376 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

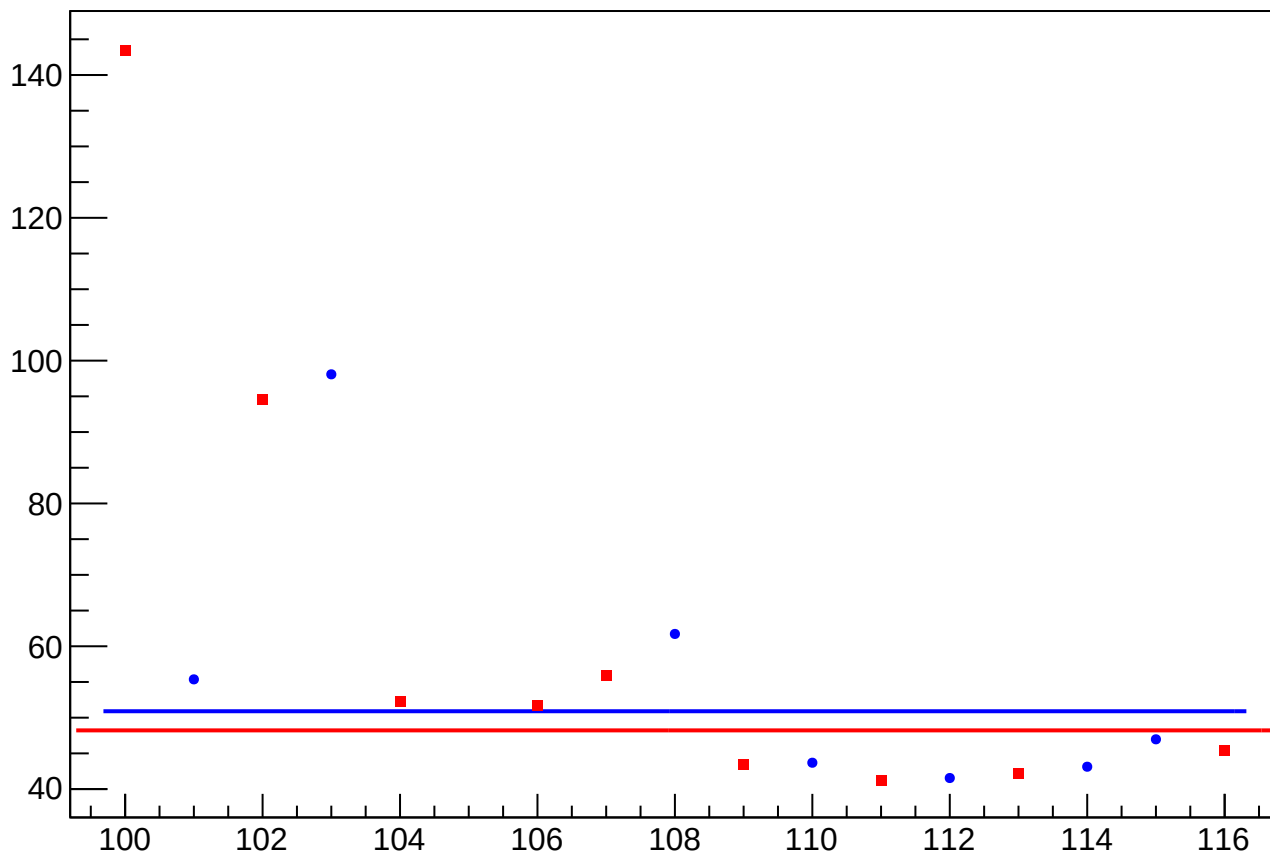
Right: 38.588+/-20.814 χ^2/NDF : 13.3/15

In: 34.808+/-32.042 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.588+/-20.814 χ^2/NDF : 13.3/15

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.902 $\pm$ 0.023 χ^2 /NDF: 379157.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.221 $\pm$ 0.019 χ^2 /NDF: 439527.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

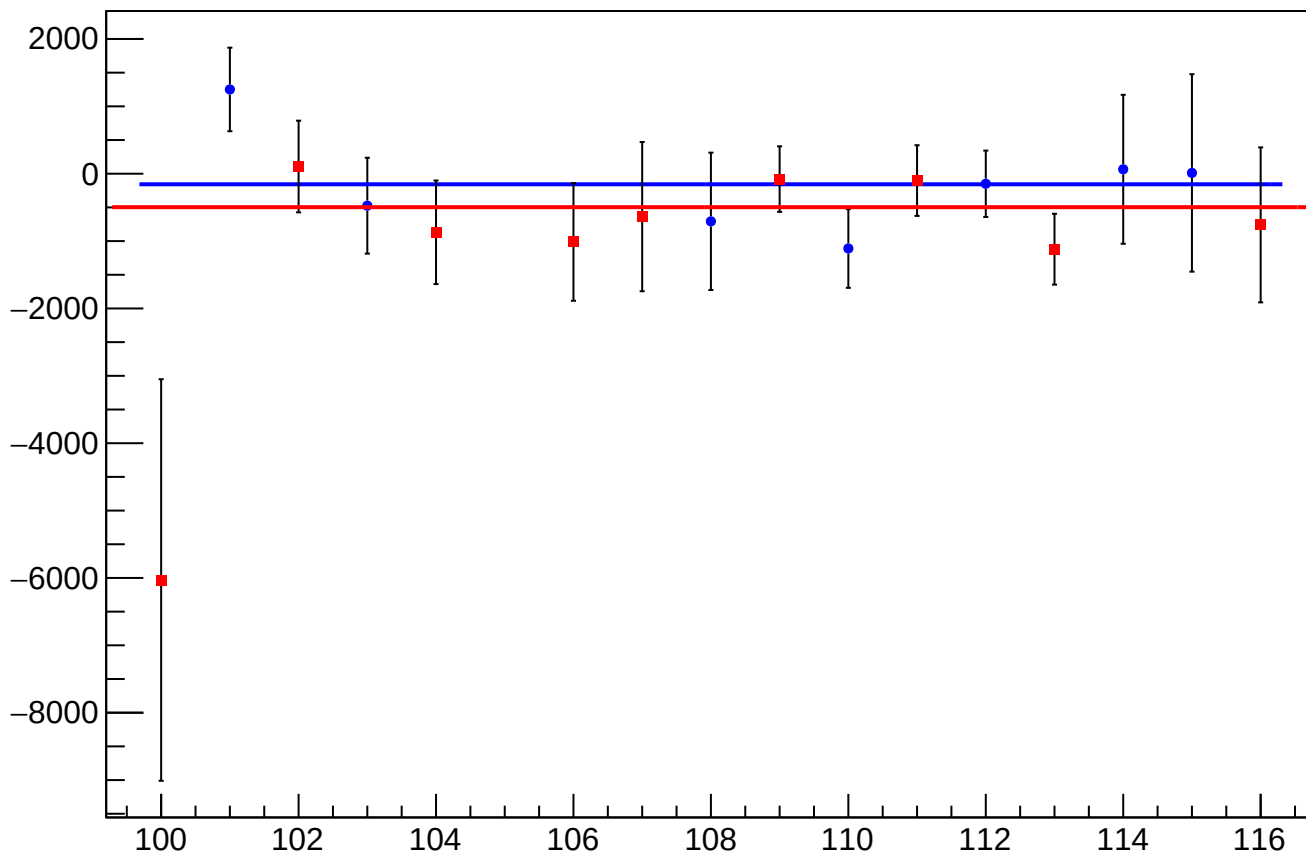
Right: 49.352 $\pm$ 0.015 χ^2 /NDF: 826778.3/15

In: 50.902 $\pm$ 0.023 χ^2 /NDF:379157.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.352 $\pm$ 0.015 χ^2 /NDF: 826778.3/15

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -156.820+/-268.540 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -496.628+/-233.606 χ^2/NDF : 7.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

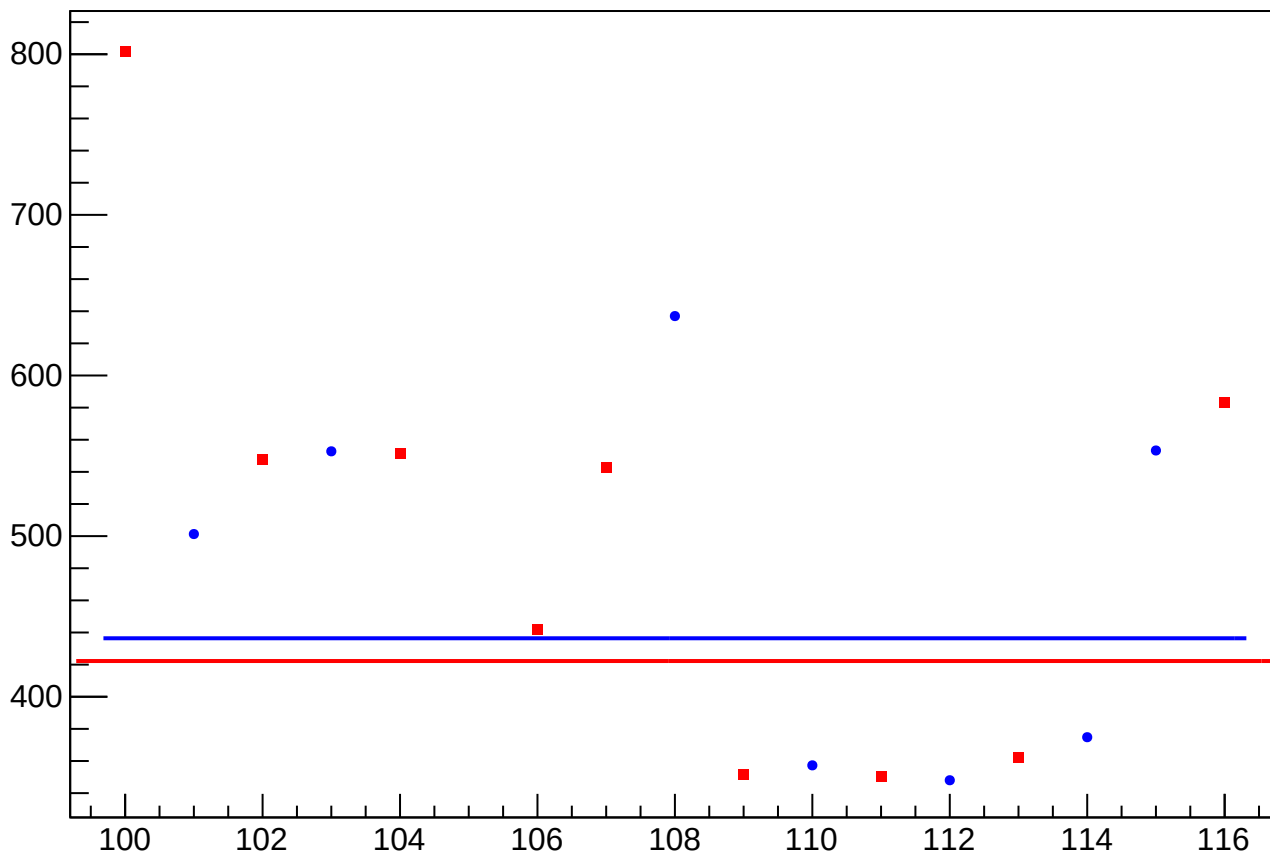
Right: -350.251+/-176.250 χ^2/NDF : 16.9/15

In: -156.820+/-268.540 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.251+/-176.250 χ^2/NDF : 16.9/15

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 436.405+/-0.190 χ^2/NDF : 272705.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.243+/-0.165 χ^2/NDF : 327636.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

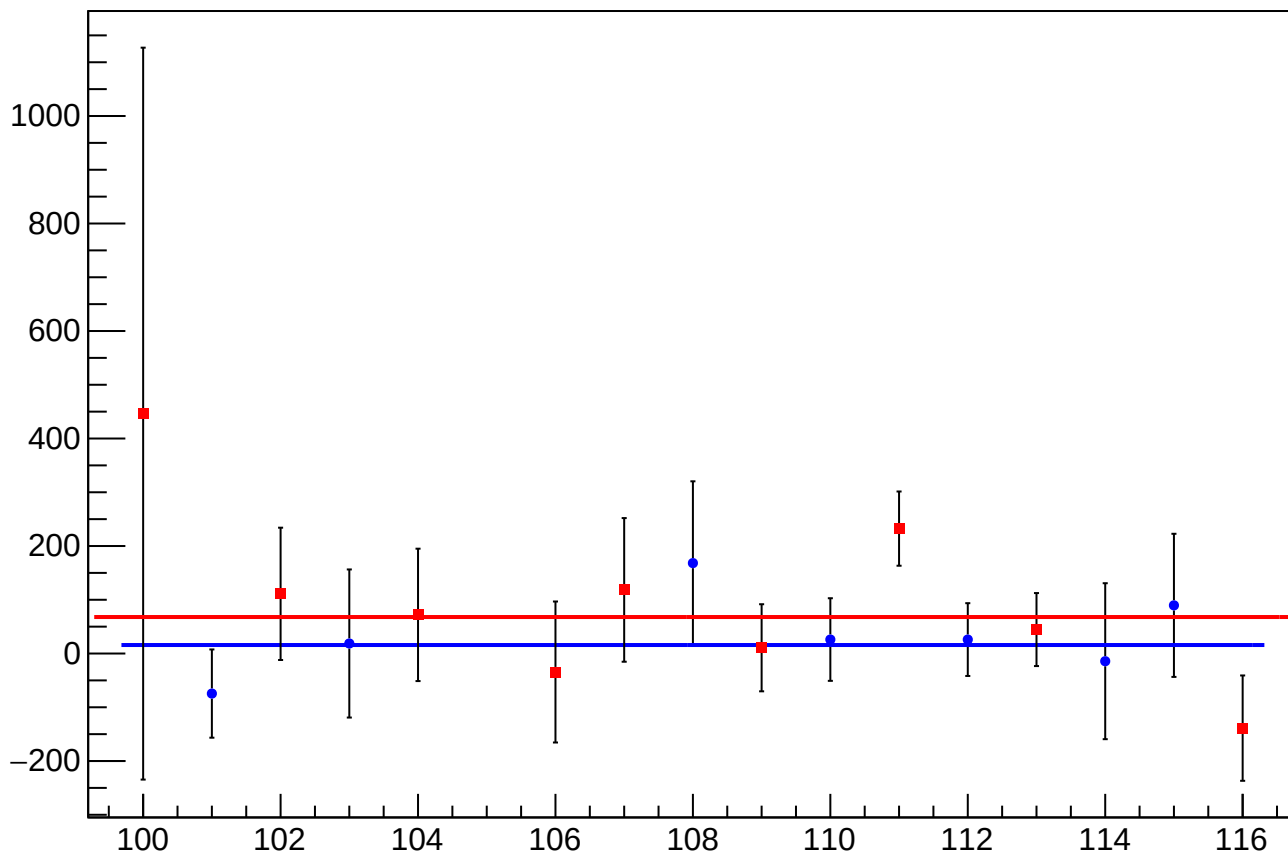
Right: 428.344+/-0.125 χ^2/NDF : 603508.1/15

In: 436.405+/-0.190 χ^2/NDF : 272705.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.344+/-0.125 χ^2/NDF : 603508.1/15

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 15.814 $\pm$ 36.869 χ^2 /NDF: 2.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.897 $\pm$ 32.767 χ^2 /NDF: 11.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

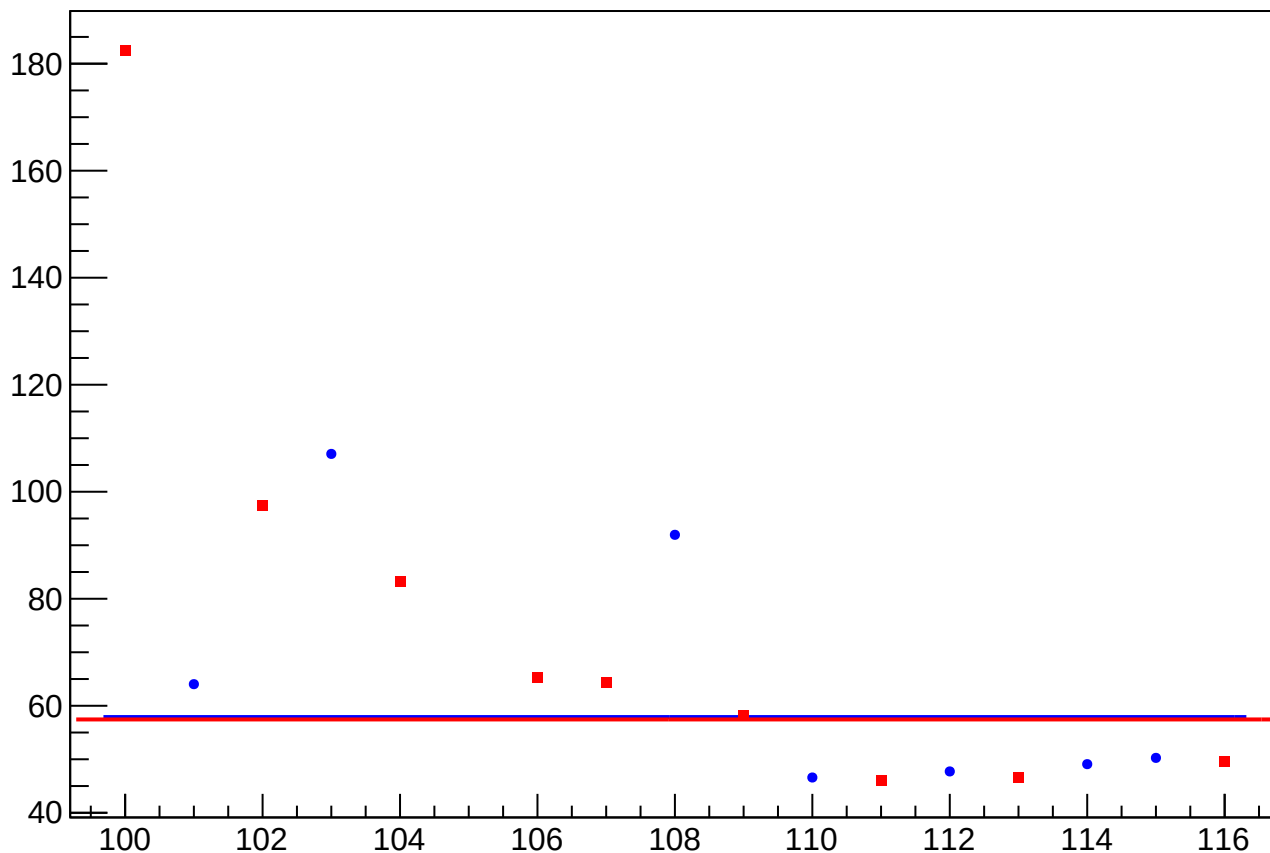
Right: 44.913 $\pm$ 24.492 χ^2 /NDF: 15.6/15

In: 15.814 $\pm$ 36.869 χ^2 /NDF: 2.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.913 $\pm$ 24.492 χ^2 /NDF: 15.6/15

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.889+/-0.026 χ^2/NDF : 468537.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.444+/-0.023 χ^2/NDF : 496194.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

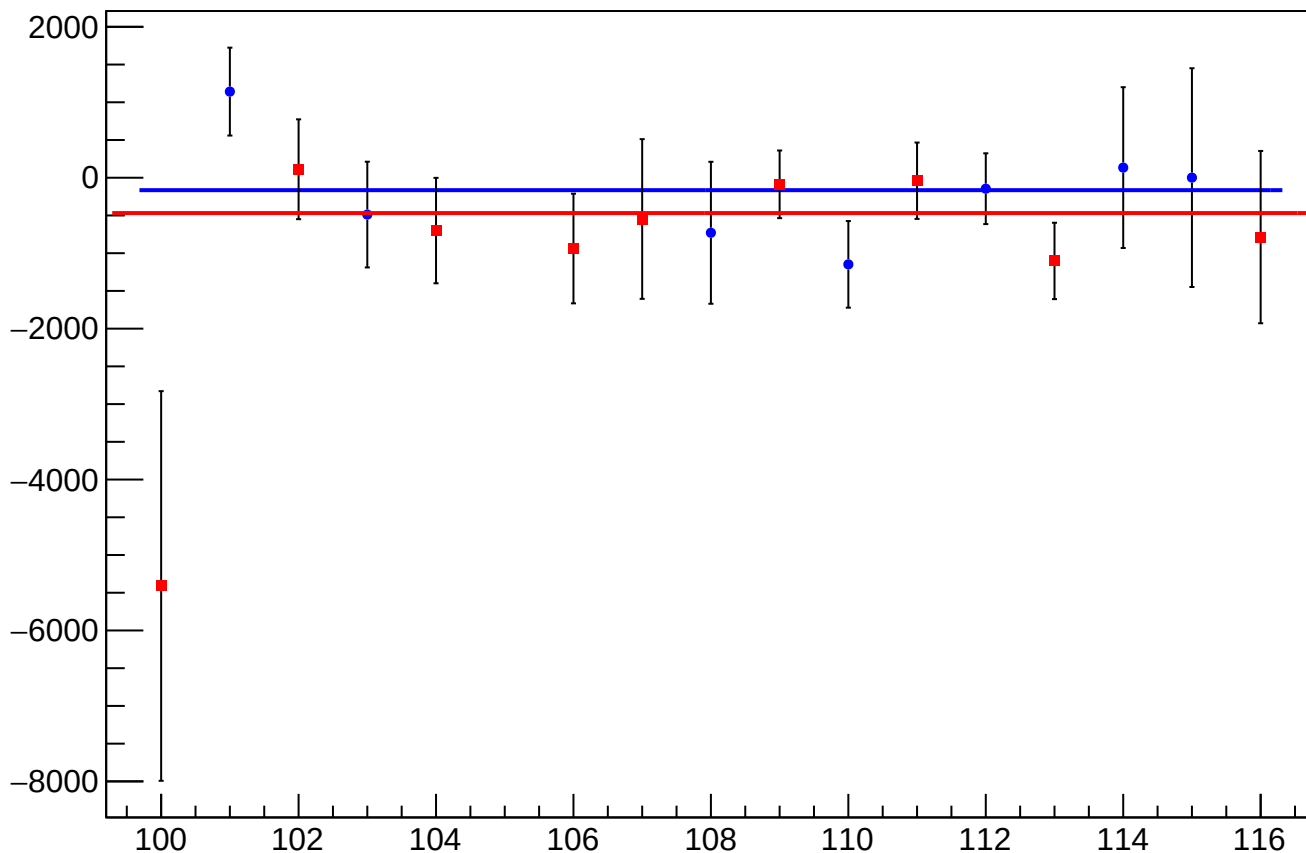
Right: 57.640+/-0.017 χ^2/NDF : 964894.3/15

In: 57.889+/-0.026 χ^2/NDF : 468537.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.640+/-0.017 χ^2/NDF : 964894.3/15

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.714 $\pm$ 257.754 χ^2 /NDF: 8.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -468.292 $\pm$ 219.131 χ^2 /NDF: 8.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

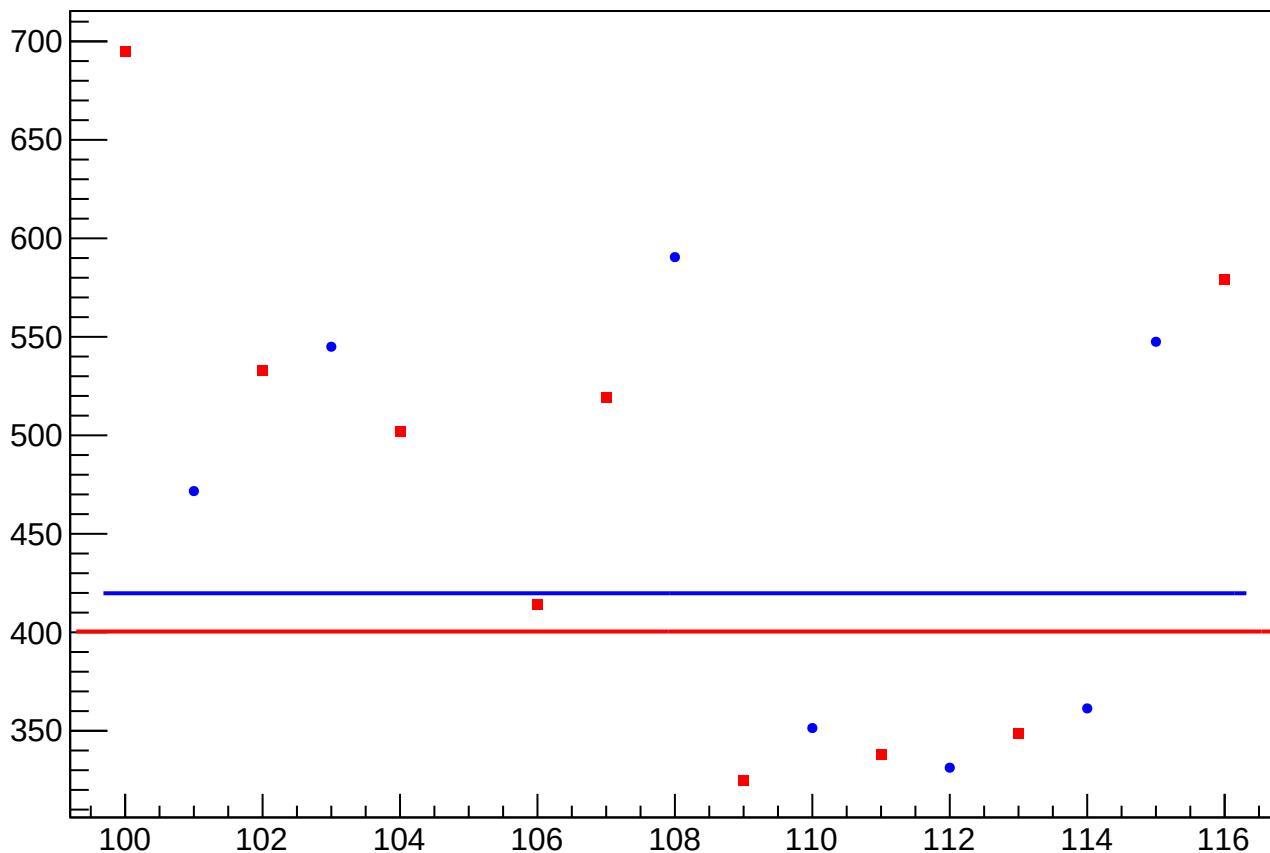
Right: -340.930 $\pm$ 166.952 χ^2 /NDF: 17.5/15

In: -164.714 $\pm$ 257.754 χ^2 /NDF:8.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -340.930 $\pm$ 166.952 χ^2 /NDF: 17.5/15

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 419.825+/-0.182 χ^2/NDF : 266719.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.414+/-0.155 χ^2/NDF : 331667.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

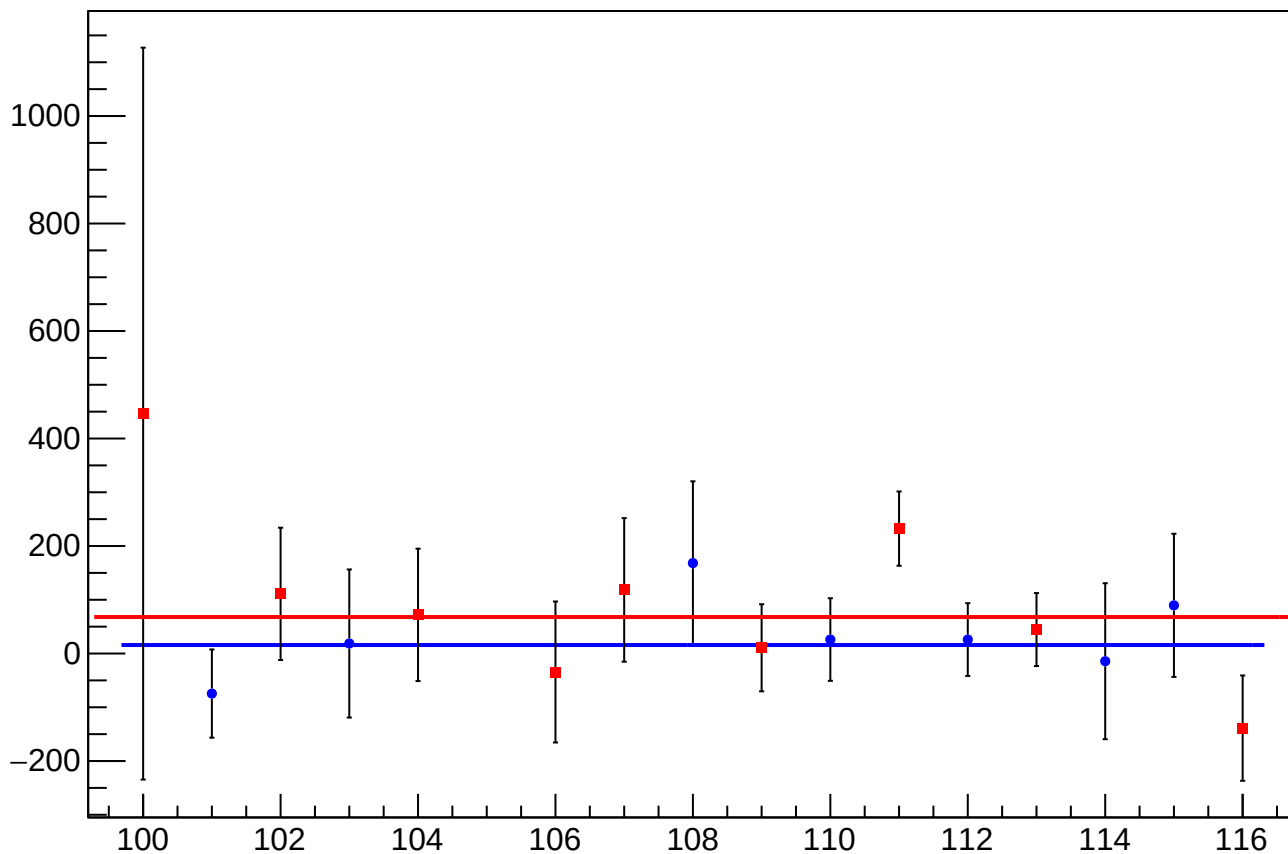
Right: 408.557+/-0.118 χ^2/NDF : 604971.7/15

In: 419.825+/-0.182 χ^2/NDF : 266719.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.557+/-0.118 χ^2/NDF : 604971.7/15

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 15.814+/-36.870 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.898+/-32.768 χ^2/NDF : 11.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

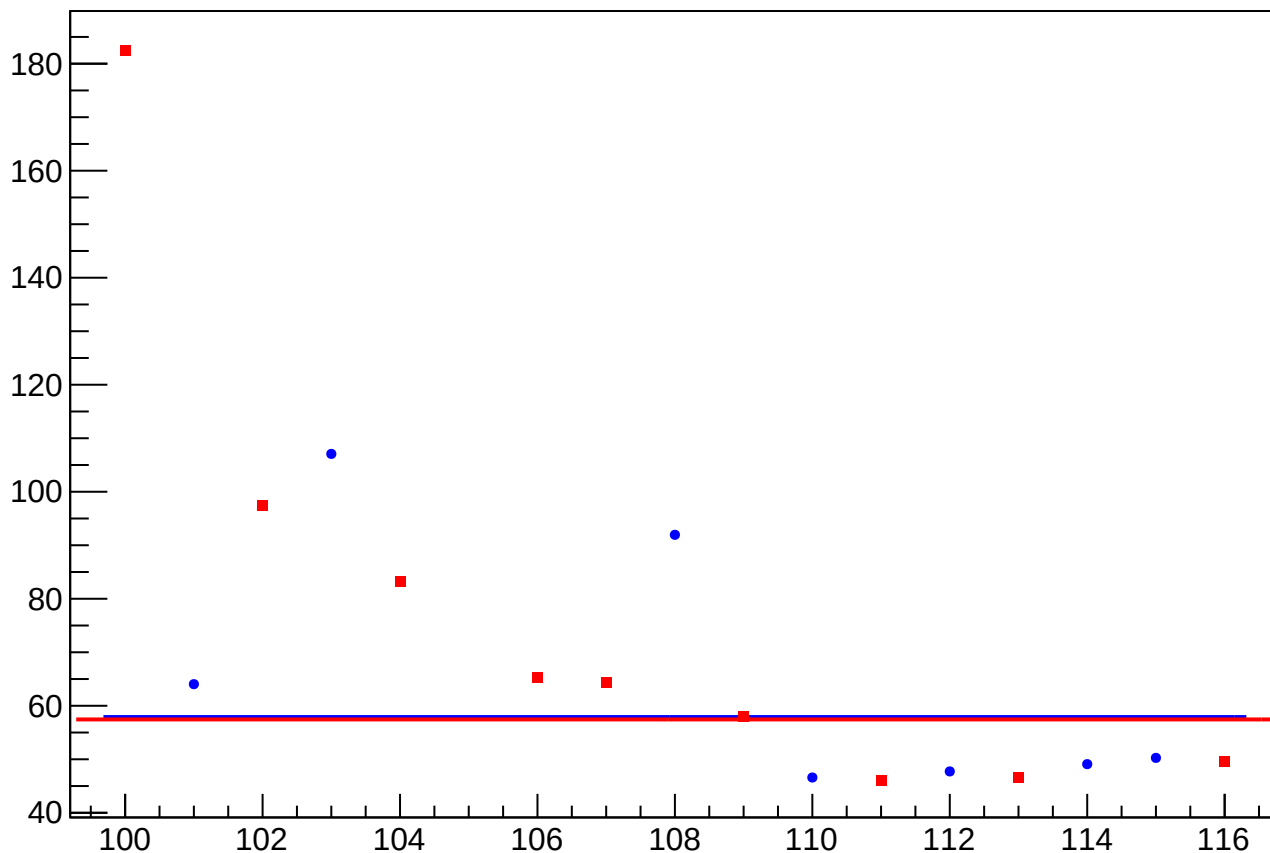
Right: 44.913+/-24.493 χ^2/NDF : 15.6/15

In: 15.814+/-36.870 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.913+/-24.493 χ^2/NDF : 15.6/15

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.889+/-0.026 χ^2/NDF : 468534.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.445+/-0.023 χ^2/NDF : 496192.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

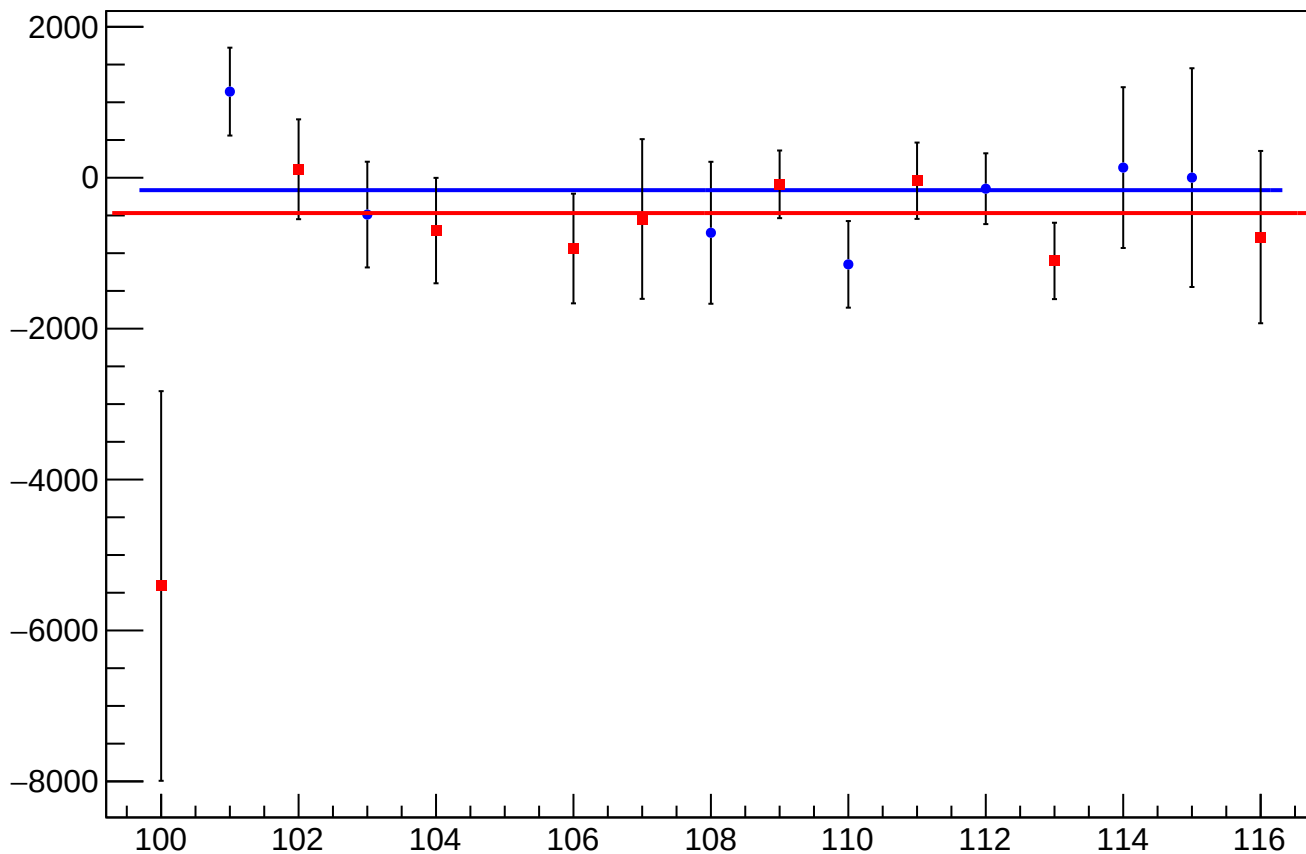
Right: 57.641+/-0.017 χ^2/NDF : 964888.5/15

In: 57.889+/-0.026 χ^2/NDF : 468534.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.641+/-0.017 χ^2/NDF : 964888.5/15

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.714 $\pm$ 257.754 χ^2 /NDF: 8.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -468.291 $\pm$ 219.130 χ^2 /NDF: 8.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

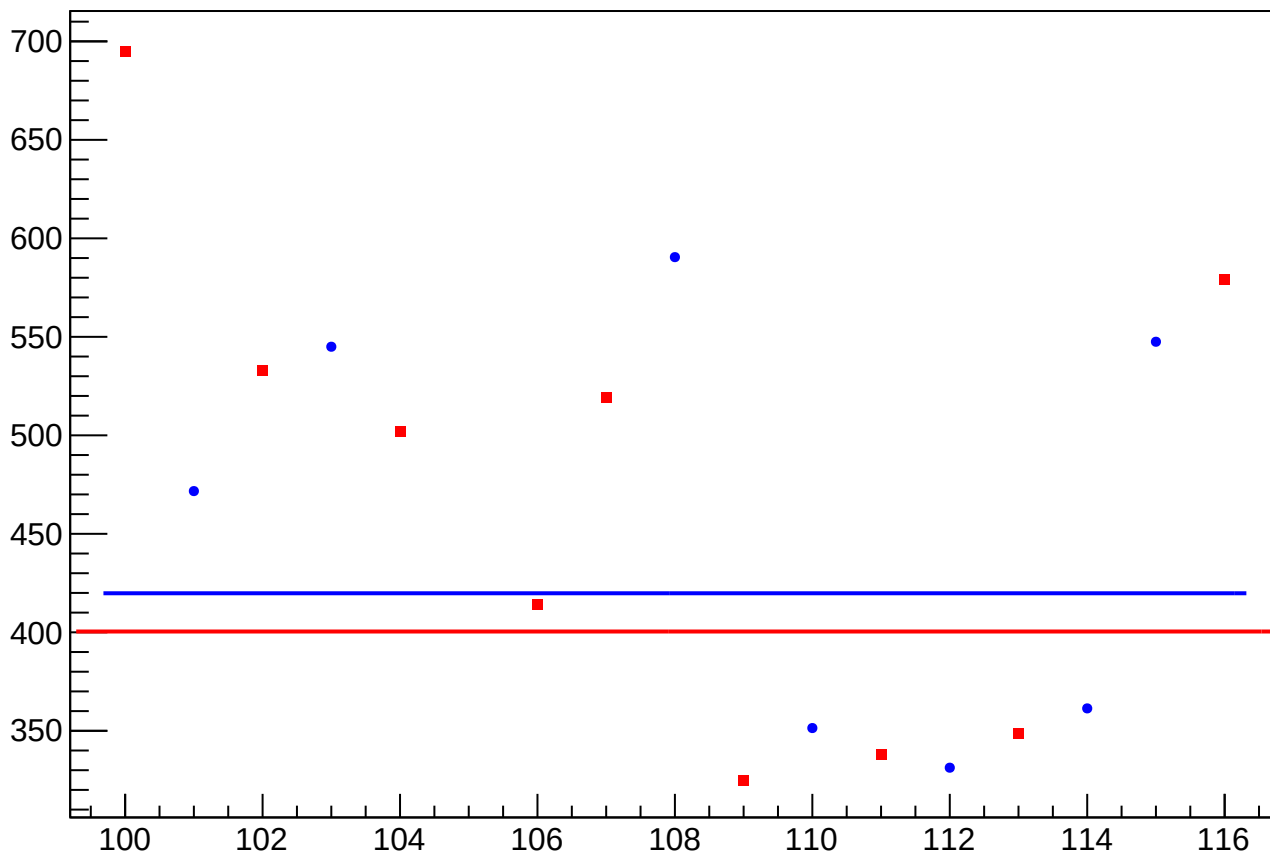
Right: -340.929 $\pm$ 166.951 χ^2 /NDF: 17.5/15

In: -164.714 $\pm$ 257.754 χ^2 /NDF:8.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -340.929 $\pm$ 166.951 χ^2 /NDF: 17.5/15

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 419.824+/-0.182 χ^2/NDF : 266719.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.413+/-0.155 χ^2/NDF : 331666.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

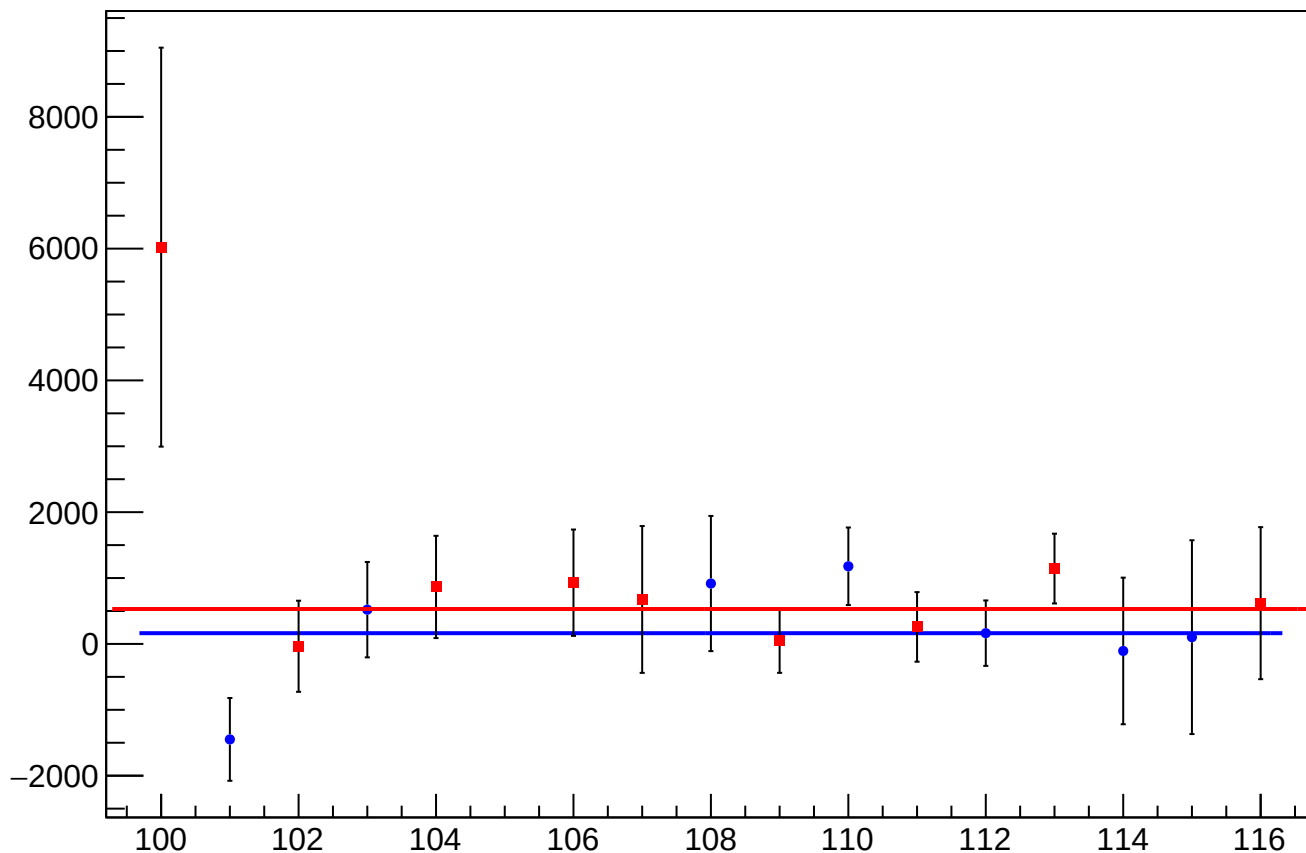
Right: 408.556+/-0.118 χ^2/NDF : 604969.1/15

In: 419.824+/-0.182 χ^2/NDF : 266719.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.556+/-0.118 χ^2/NDF : 604969.1/15

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 163.061+/-271.154 χ^2/NDF : 10.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.075+/-234.055 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

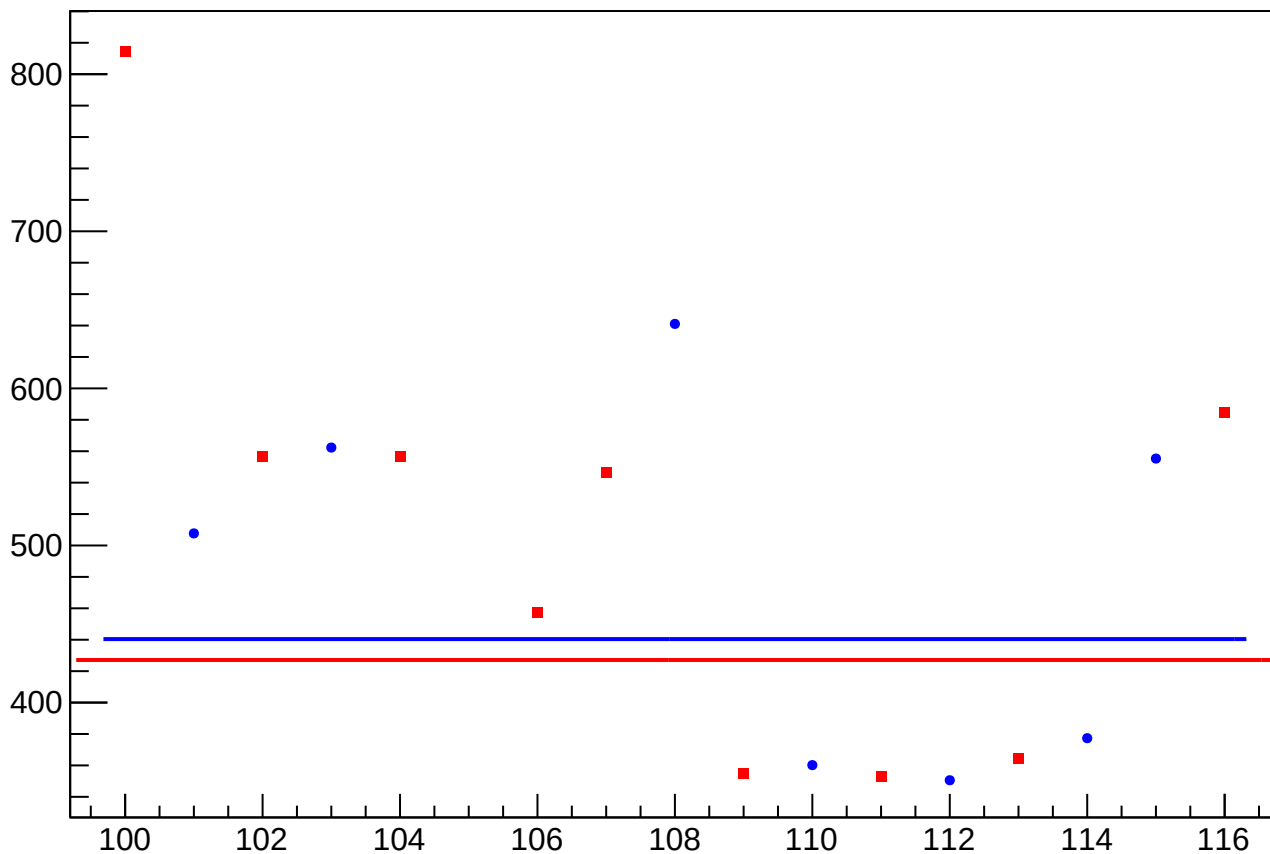
Right: 373.374+/-177.178 χ^2/NDF : 18.4/15

In: 163.061+/-271.154 χ^2/NDF : 10.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.374+/-177.178 χ^2/NDF : 18.4/15

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 440.407+/-0.192 χ^2/NDF : 277382.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.108+/-0.166 χ^2/NDF : 333285.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

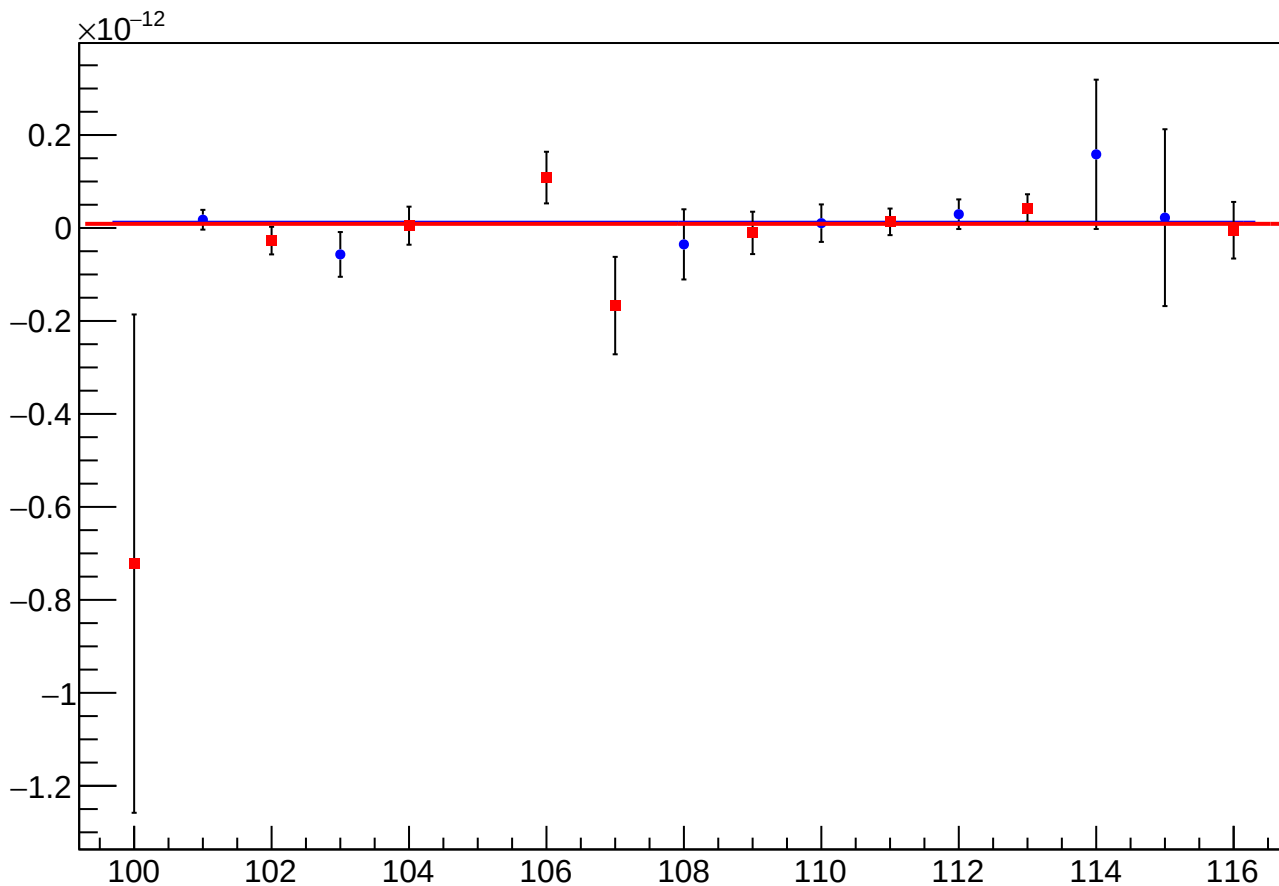
Right: 432.787+/-0.125 χ^2/NDF : 613425.4/15

In: 440.407+/-0.192 χ^2/NDF : 277382.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.787+/-0.125 χ^2/NDF : 613425.4/15

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

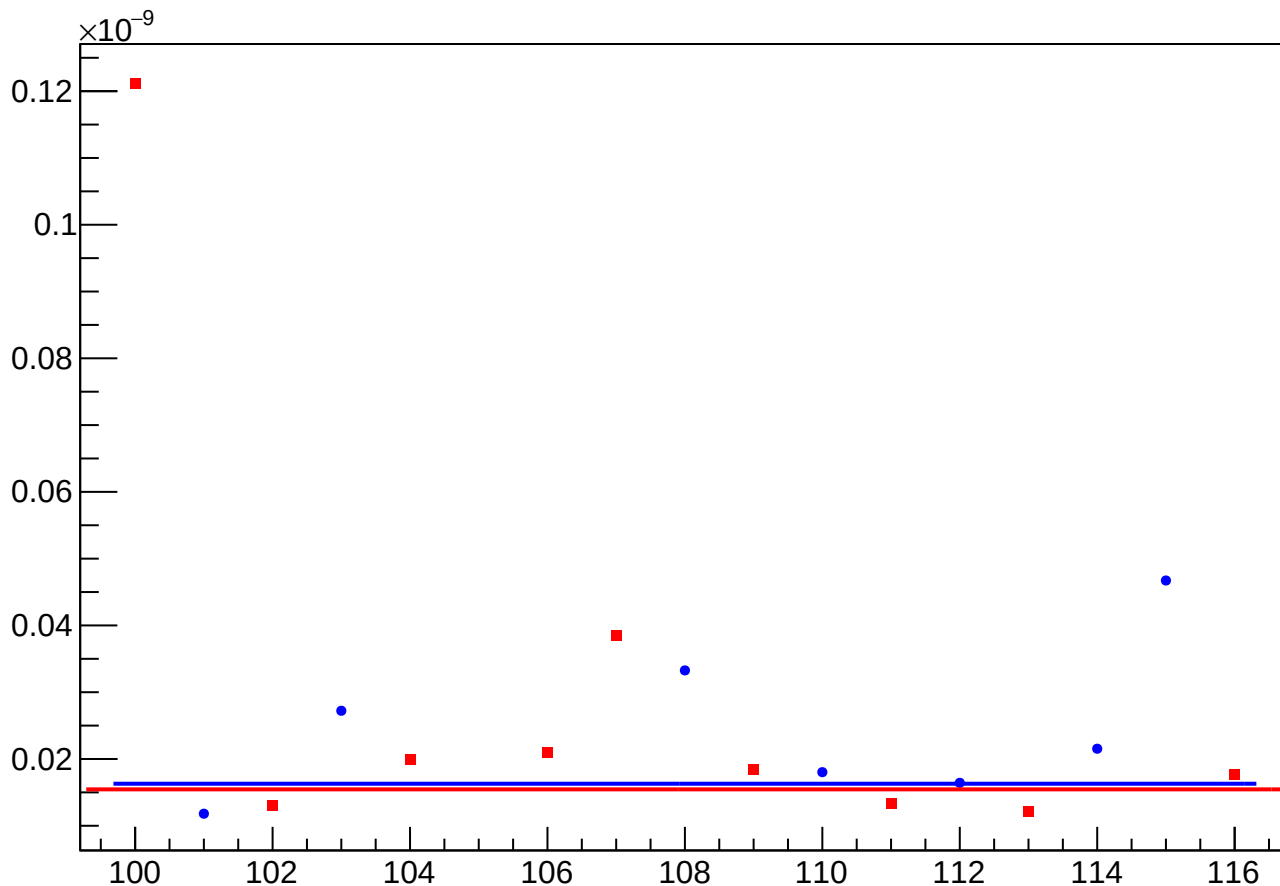
Right: 0.000+/-0.000 χ^2/NDF : 14.5/15

In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/15

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350363.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 275339.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

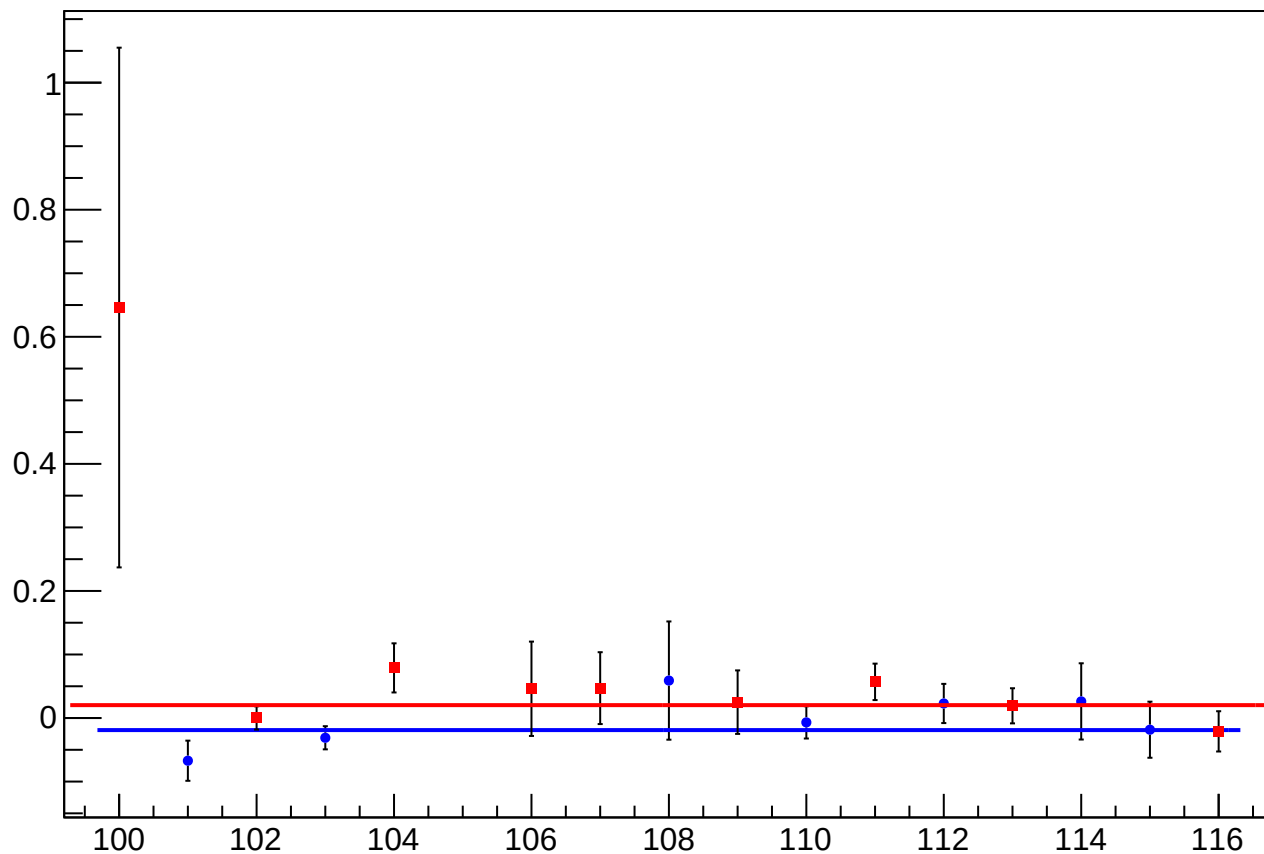
Right: 0.000+/-0.000 χ^2/NDF : 629154.3/15

In: 0.000+/-0.000 χ^2/NDF : 350363.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 629154.3/15

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.012 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.011 χ^2/NDF : 9.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

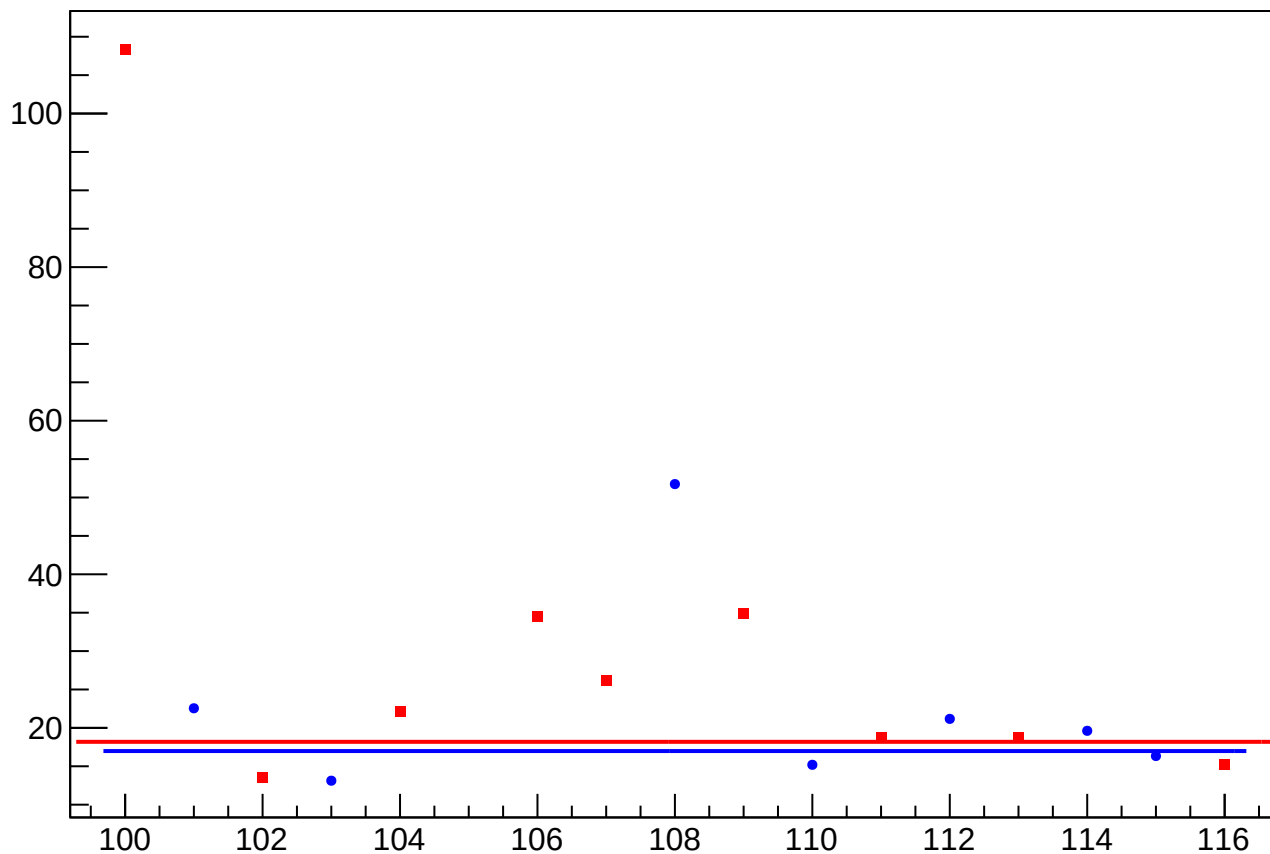
Right: 0.001+/-0.008 χ^2/NDF : 21.6/15

In: -0.019+/-0.012 χ^2/NDF :6.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.008 χ^2/NDF : 21.6/15

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.983+/-0.008 χ^2/NDF : 482312.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.185+/-0.008 χ^2/NDF : 620408.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

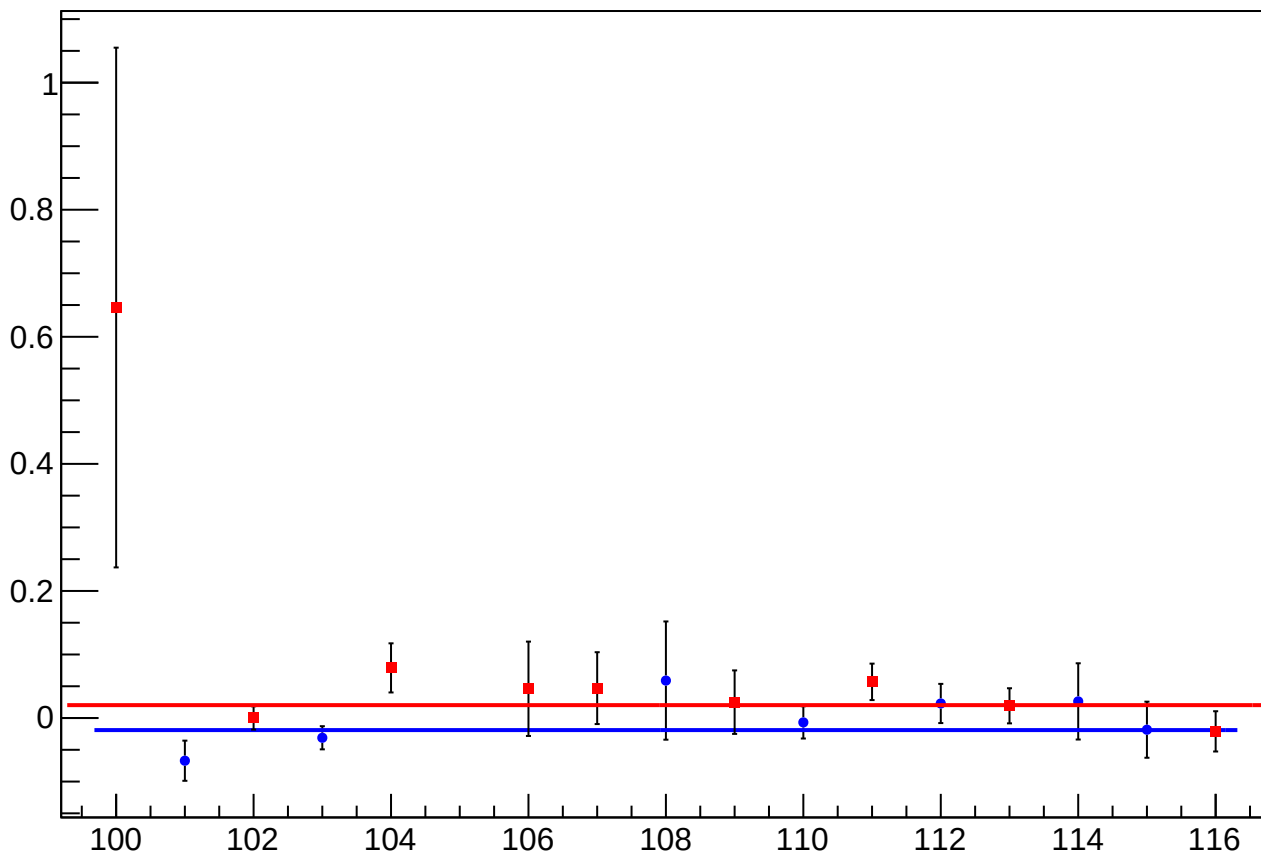
Right: 17.605+/-0.006 χ^2/NDF : 1113972.7/15

In: 16.983+/-0.008 χ^2/NDF : 482312.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.605+/-0.006 χ^2/NDF : 1113972.7/15

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.012 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.011 χ^2/NDF : 9.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

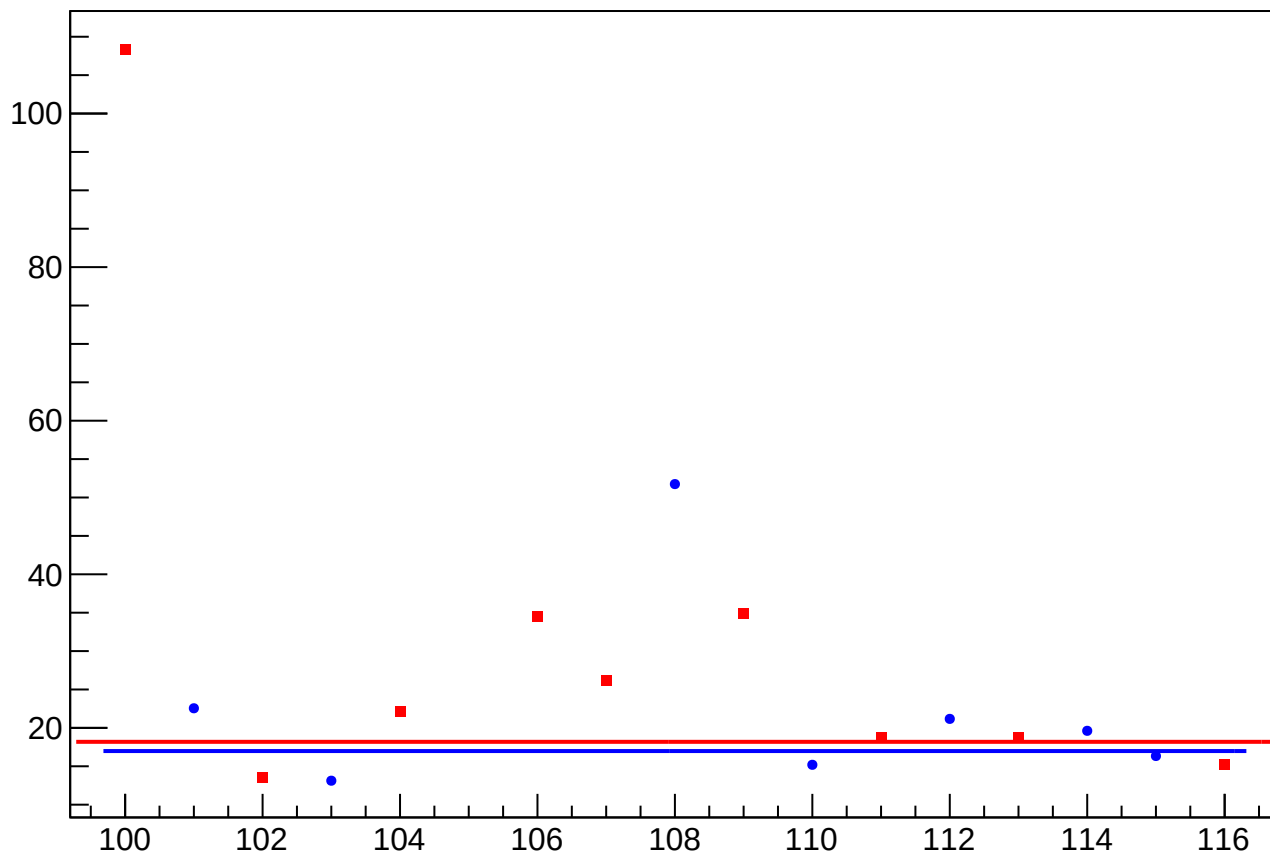
Right: 0.001+/-0.008 χ^2/NDF : 21.6/15

In: -0.019+/-0.012 χ^2/NDF :6.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.008 χ^2/NDF : 21.6/15

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.983+/-0.008 χ^2/NDF : 482312.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.185+/-0.008 χ^2/NDF : 620408.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

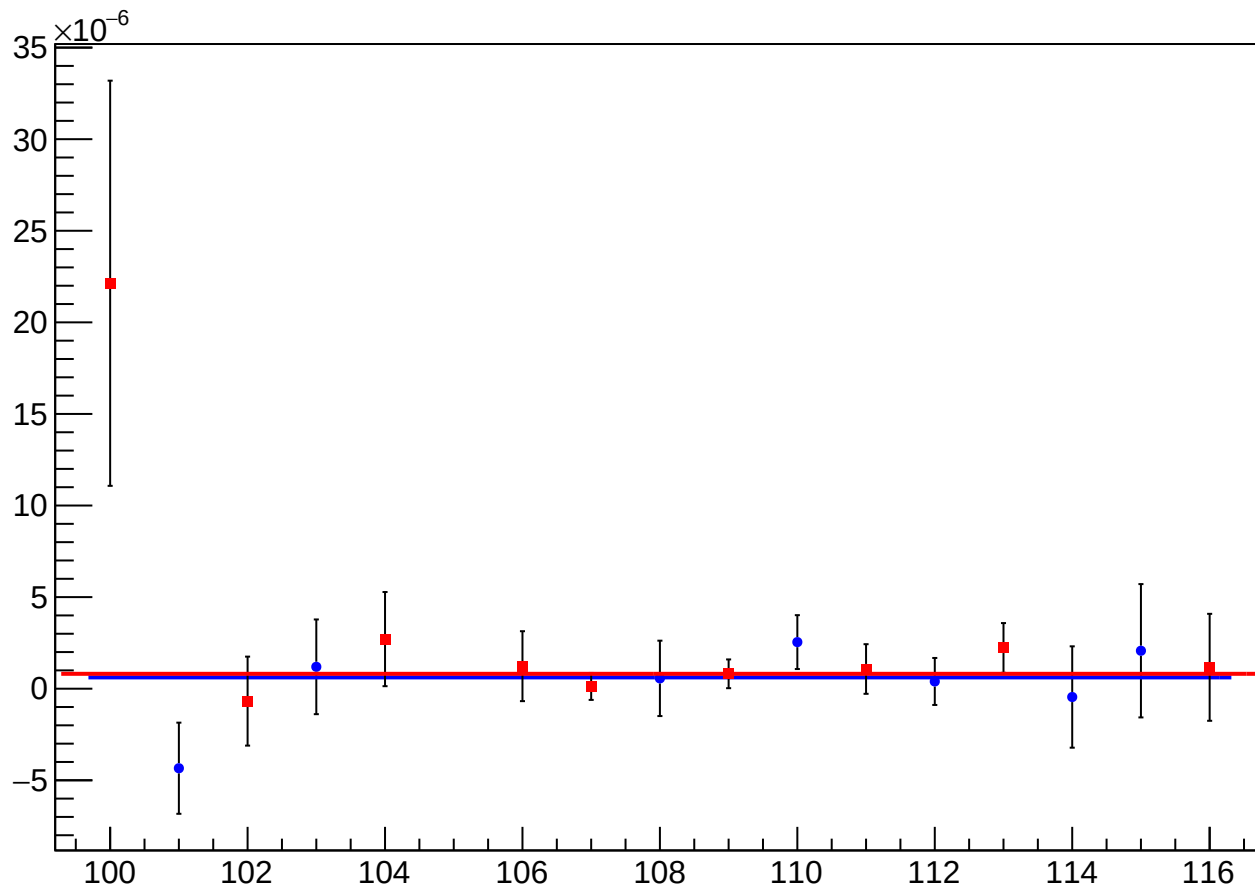
Right: 17.605+/-0.006 χ^2/NDF : 1113972.7/15

In: 16.983+/-0.008 χ^2/NDF : 482312.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.605+/-0.006 χ^2/NDF : 1113972.7/15

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

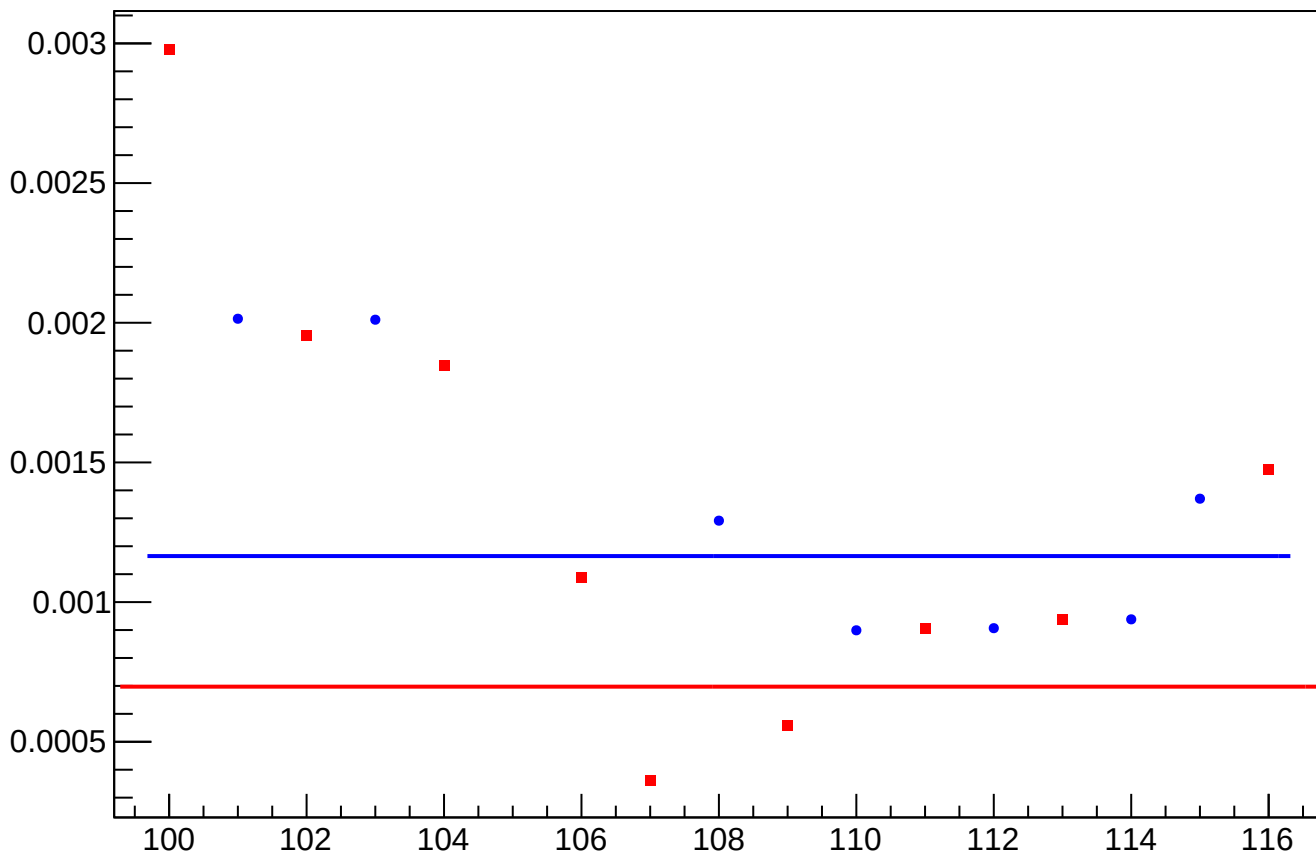
Right: 0.000+/-0.000 χ^2/NDF : 12.8/15

In: 0.000+/-0.000 χ^2/NDF : 6.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.8/15

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 621001.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1837560.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

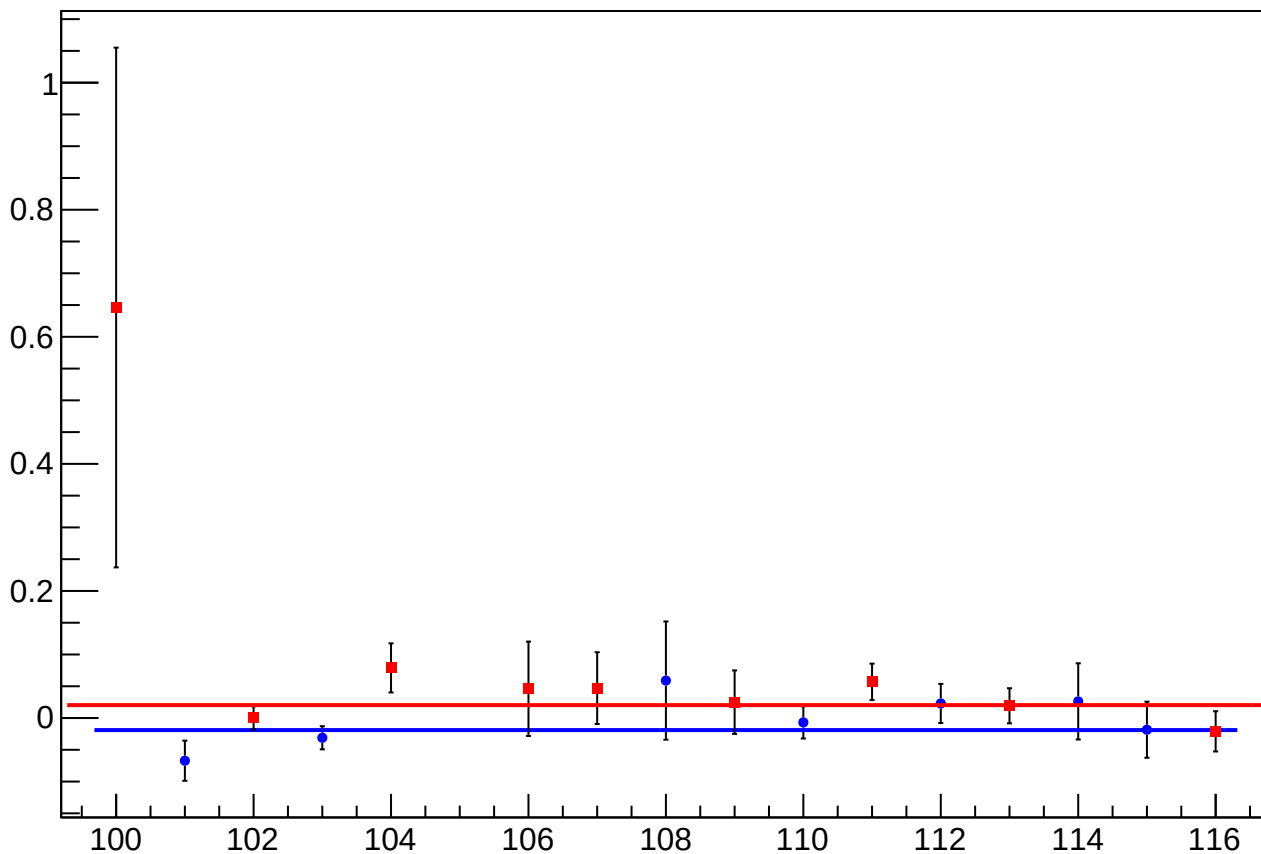
Right: 0.001+/-0.000 χ^2/NDF : 3050920.5/15

In: 0.001+/-0.000 χ^2/NDF : 621001.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3050920.5/15

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.011 χ^2 /NDF: 9.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

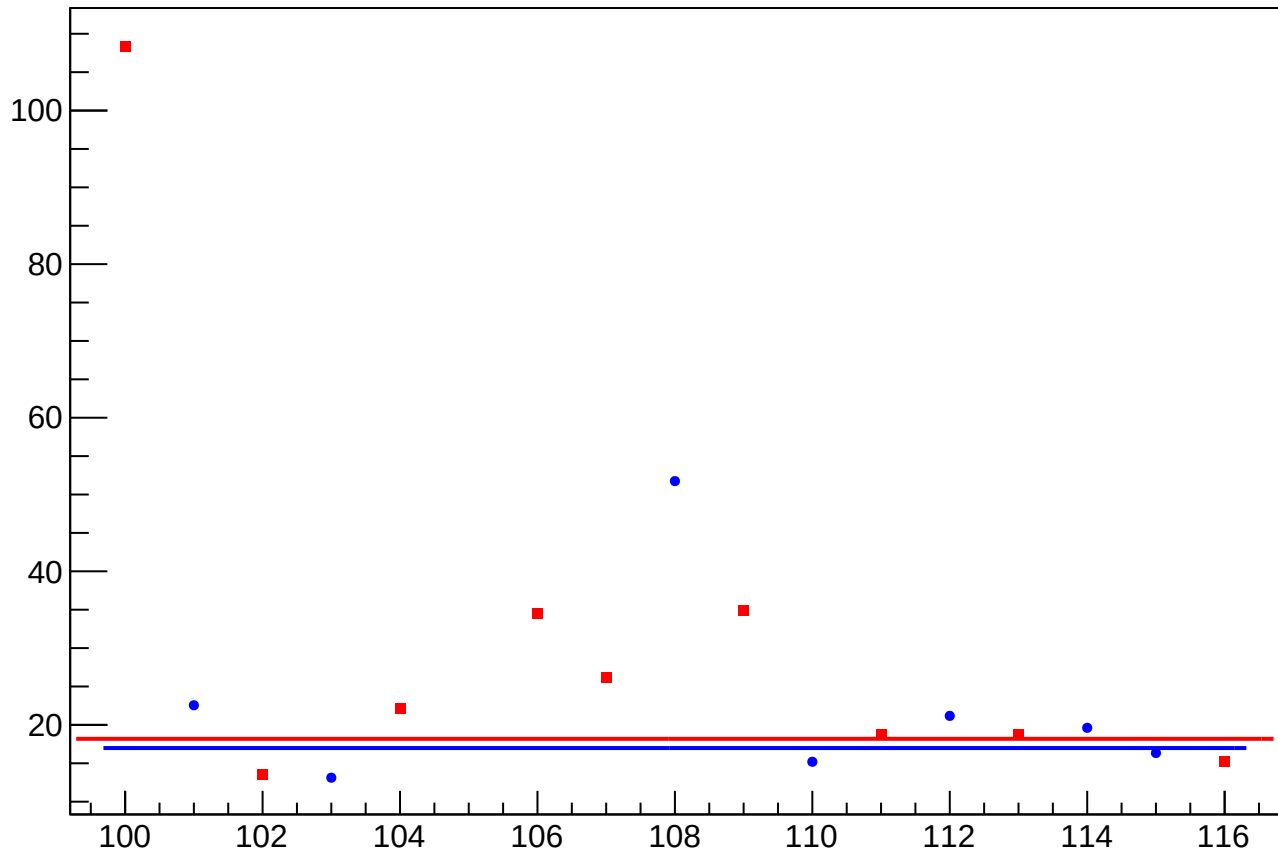
Right: 0.001 $\pm$ 0.008 χ^2 /NDF: 21.6/15

In: -0.019 $\pm$ 0.012 χ^2 /NDF:6.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.008 χ^2 /NDF: 21.6/15

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.983+/-0.008 χ^2/NDF : 482302.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.186+/-0.008 χ^2/NDF : 620323.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

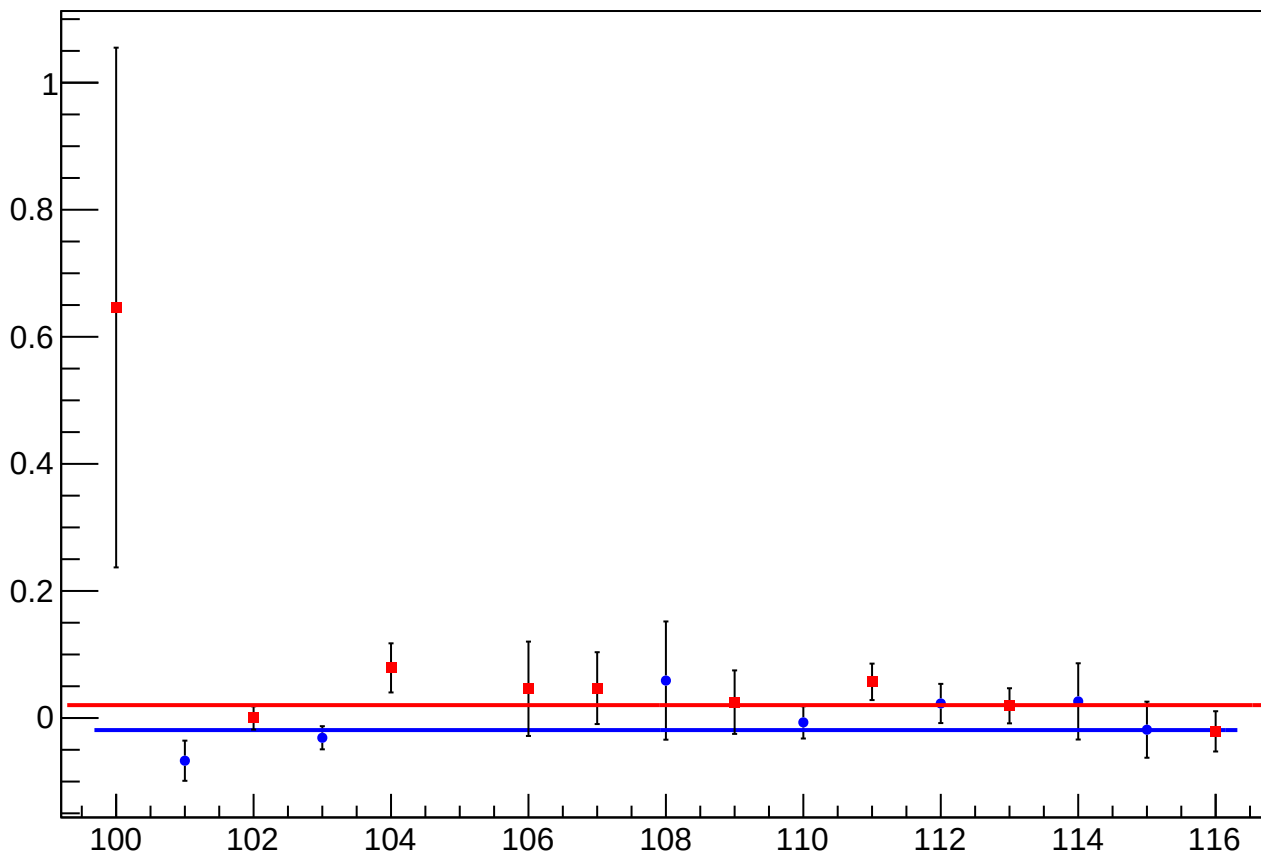
Right: 17.606+/-0.006 χ^2/NDF : 1113882.5/15

In: 16.983+/-0.008 χ^2/NDF : 482302.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.606+/-0.006 χ^2/NDF : 1113882.5/15

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 : 6.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.011 χ^2/NDF : 9.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

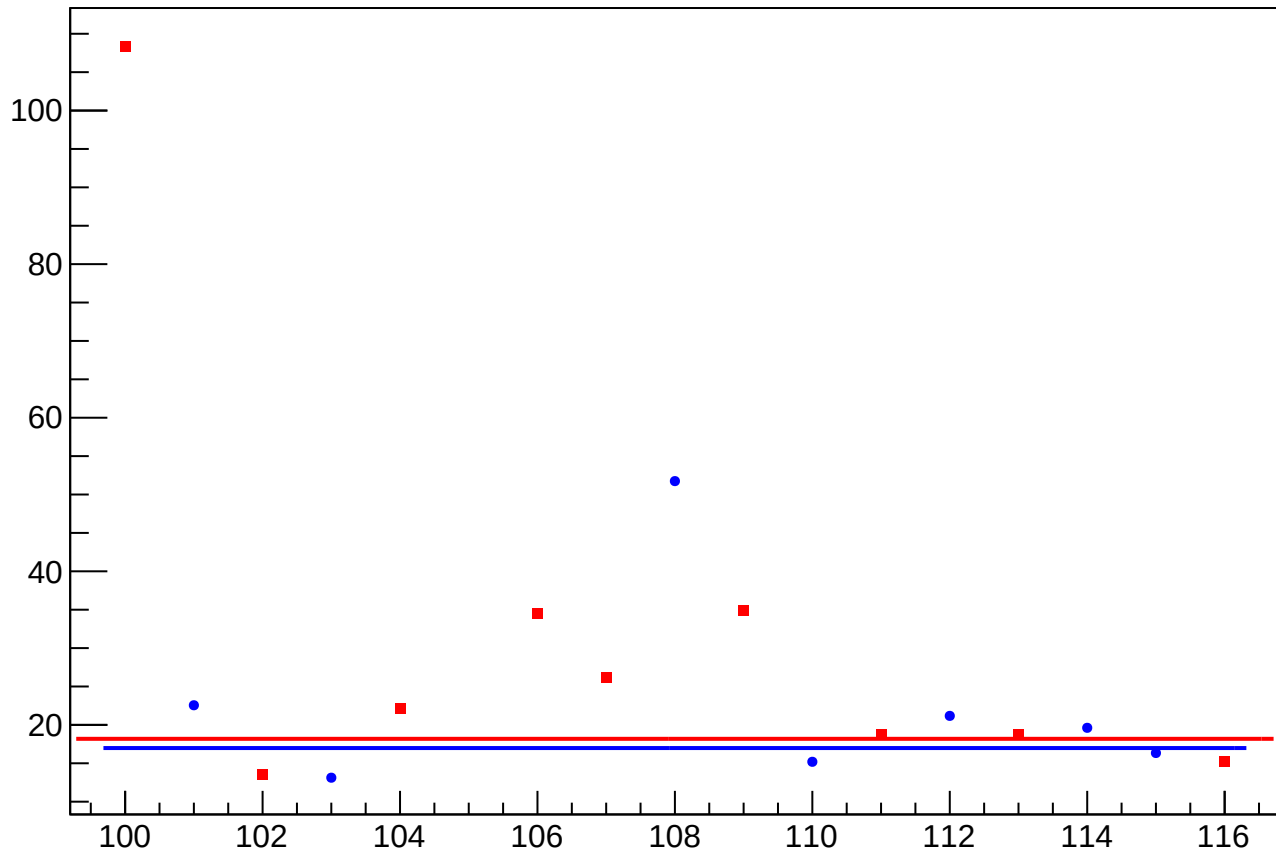
Right: 0.001+/-0.008 χ^2/NDF : 21.6/15

In: -0.019+/-0.012 χ^2/NDF :6.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.008 χ^2/NDF : 21.6/15

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.983+/-0.008 χ^2/NDF : 482302.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.186+/-0.008 χ^2/NDF : 620323.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

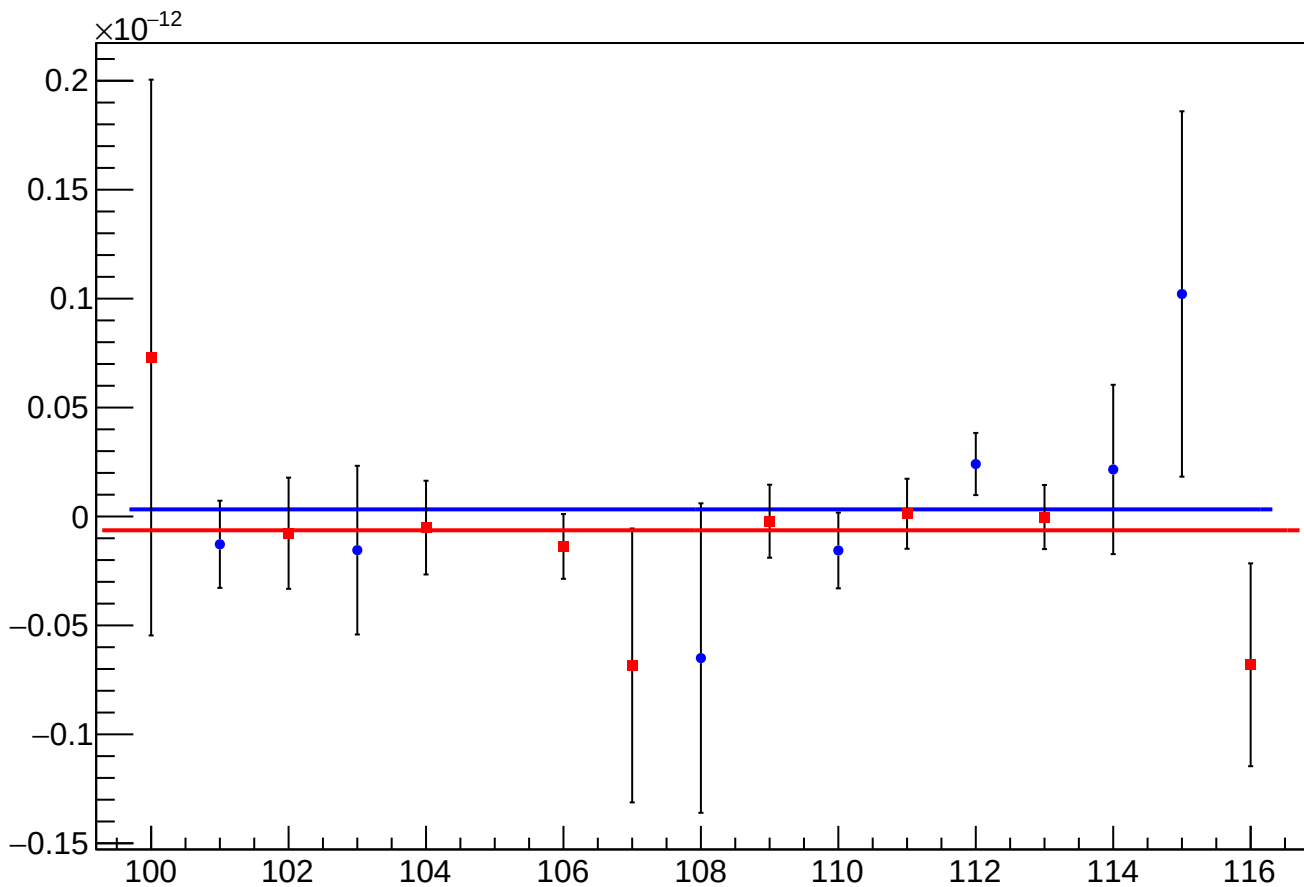
Right: 17.606+/-0.006 χ^2/NDF : 1113882.5/15

In: 16.983+/-0.008 χ^2/NDF : 482302.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.606+/-0.006 χ^2/NDF : 1113882.5/15

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

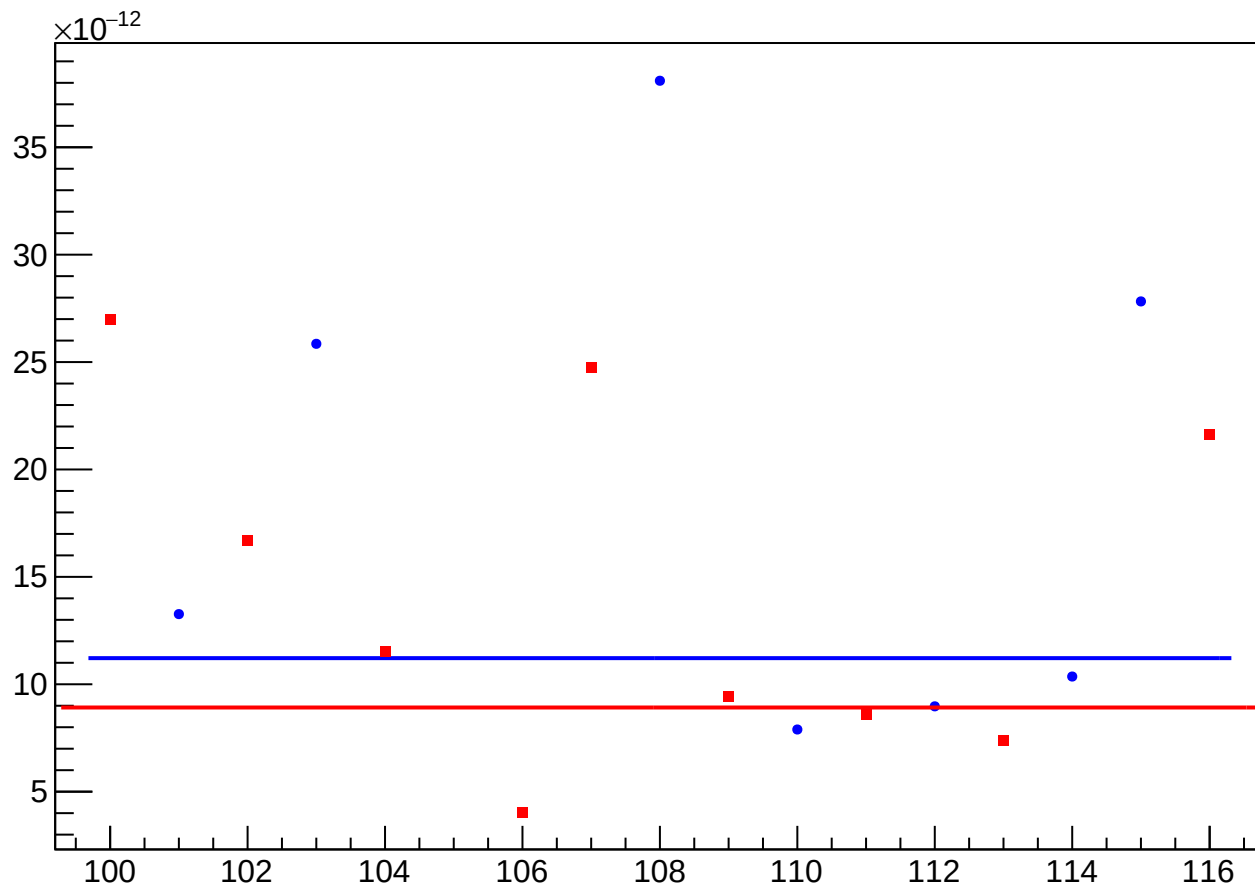
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/15

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/15

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 795170.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 772490.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

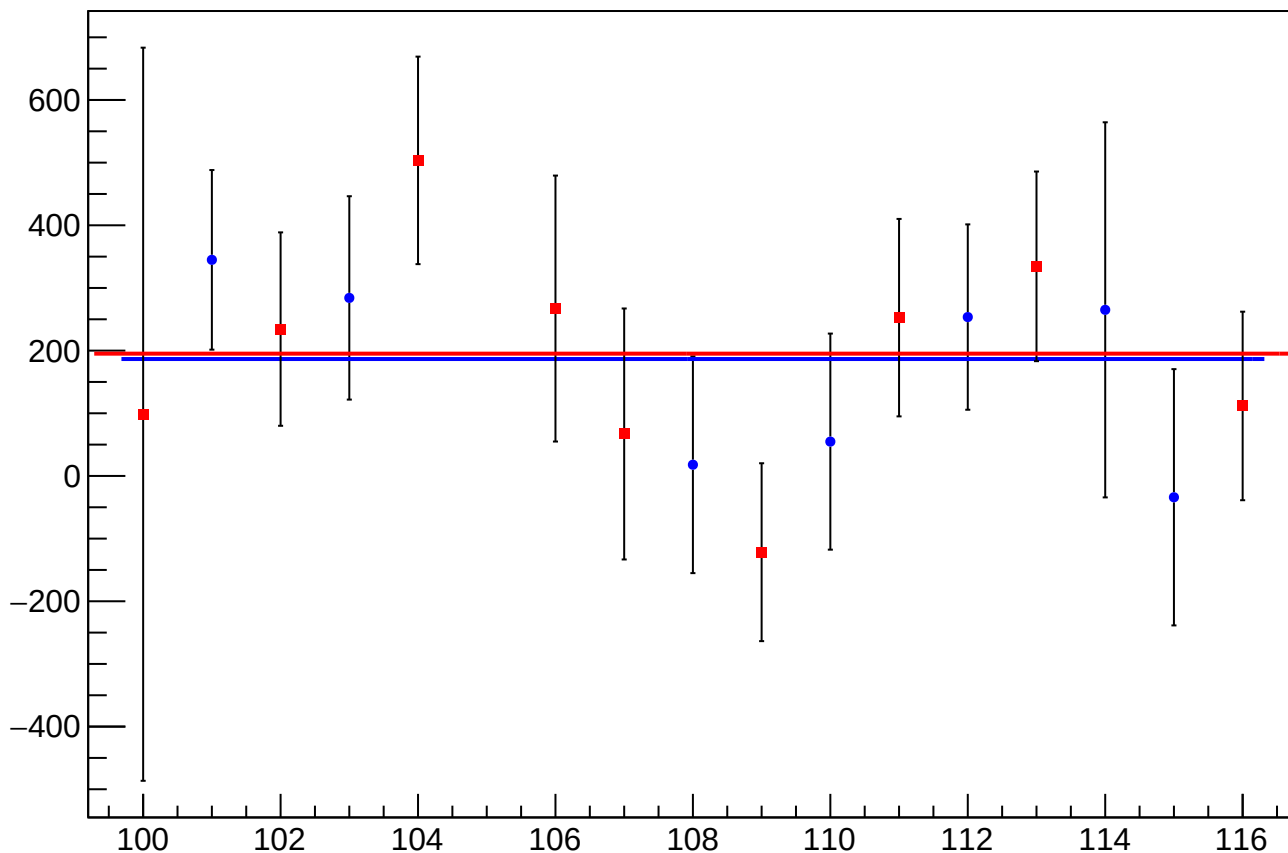
Right: 0.000+/-0.000 χ^2/NDF : 1650017.7/15

In: 0.000+/-0.000 χ^2/NDF : 795170.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1650017.7/15

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 186.584 $\pm$ 65.303 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 195.160 $\pm$ 57.139 χ^2 /NDF: 10.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

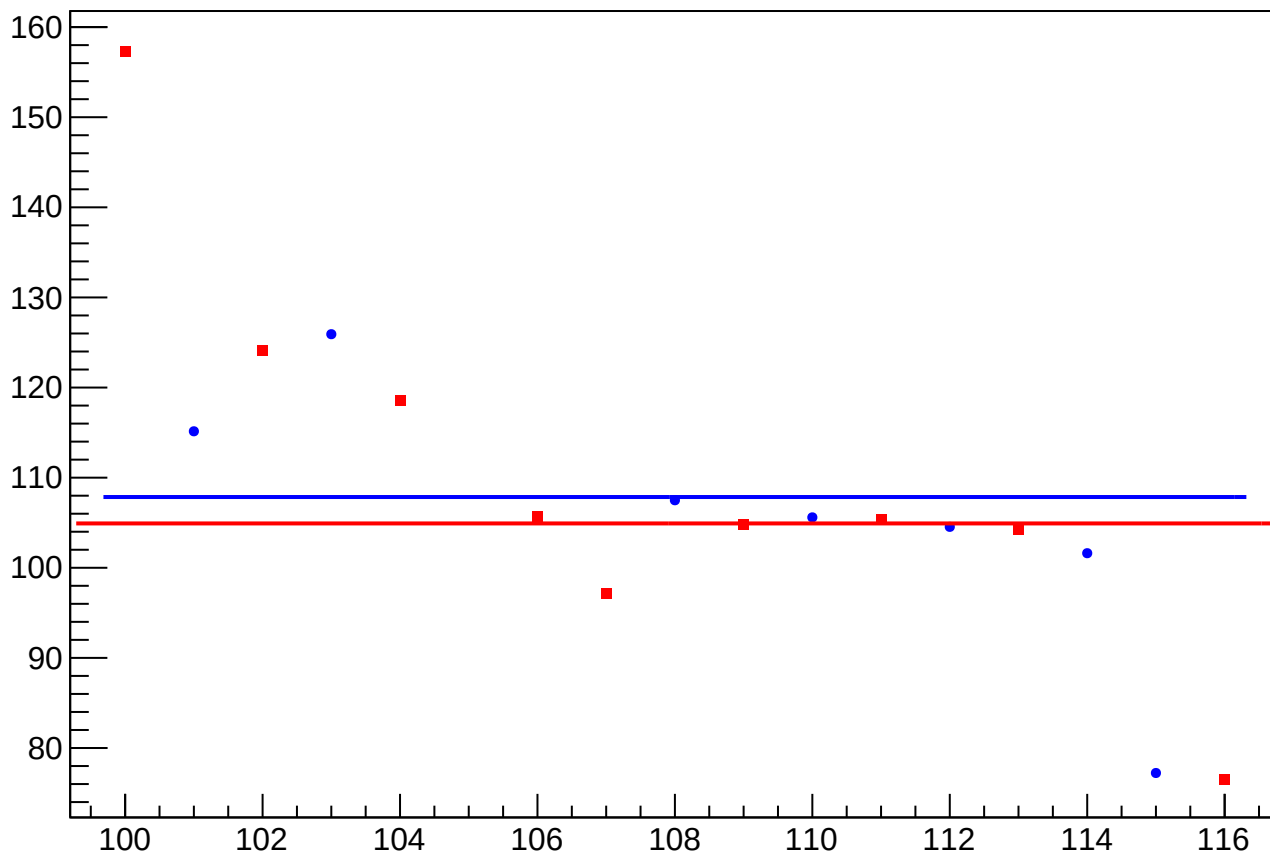
Right: 191.441 $\pm$ 43.002 χ^2 /NDF: 14.9/15

In: 186.584 $\pm$ 65.303 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.441 $\pm$ 43.002 χ^2 /NDF: 14.9/15

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.853+/-0.046 χ^2/NDF : 77052.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.921+/-0.040 χ^2/NDF : 135041.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

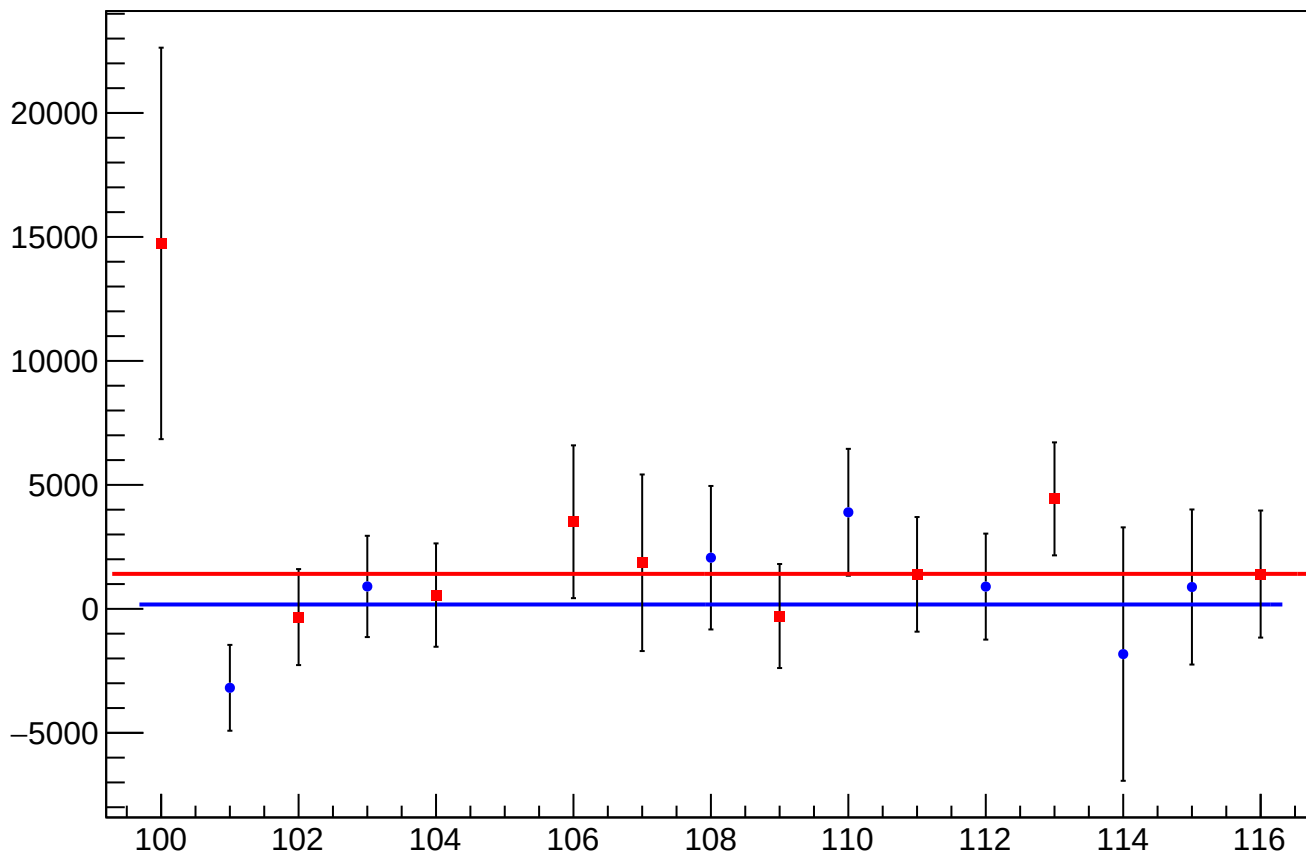
Right: 106.192+/-0.030 χ^2/NDF : 214376.7/15

In: 107.853+/-0.046 χ^2/NDF : 77052.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.192+/-0.030 χ^2/NDF : 214376.7/15

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 176.645+/-910.961 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.348+/-828.571 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

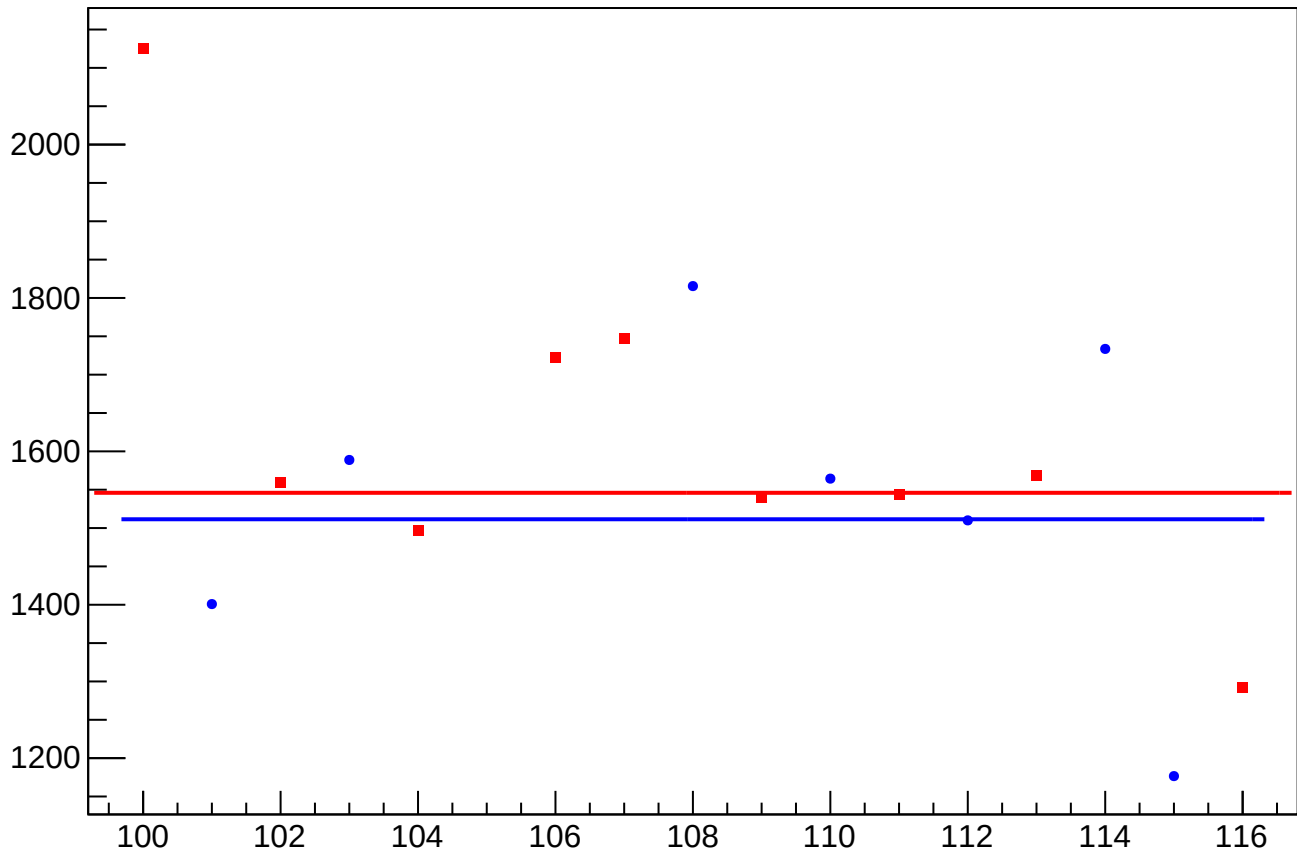
Right: 852.345+/-612.951 χ^2/NDF : 14.5/15

In: 176.645+/-910.961 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.345+/-612.951 χ^2/NDF : 14.5/15

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1511.456+/-0.644 χ^2/NDF : 60674.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1545.966+/-0.586 χ^2/NDF : 44729.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

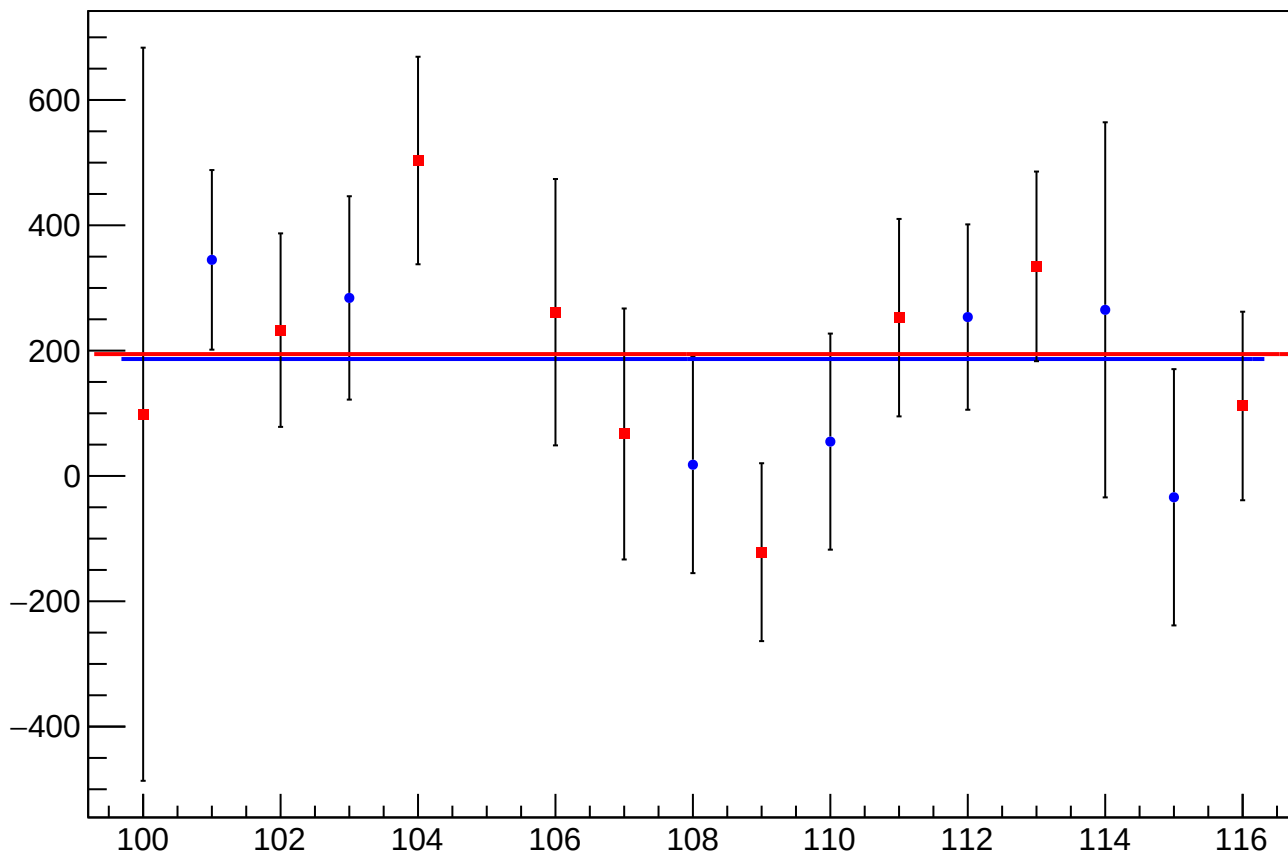
Right: 1530.342+/-0.433 χ^2/NDF : 106974.4/15

In: 1511.456+/-0.644 χ^2/NDF : 60674.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.342+/-0.433 χ^2/NDF : 106974.4/15

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 186.583 $\pm$ 65.303 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 194.469 $\pm$ 57.149 χ^2 /NDF: 10.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

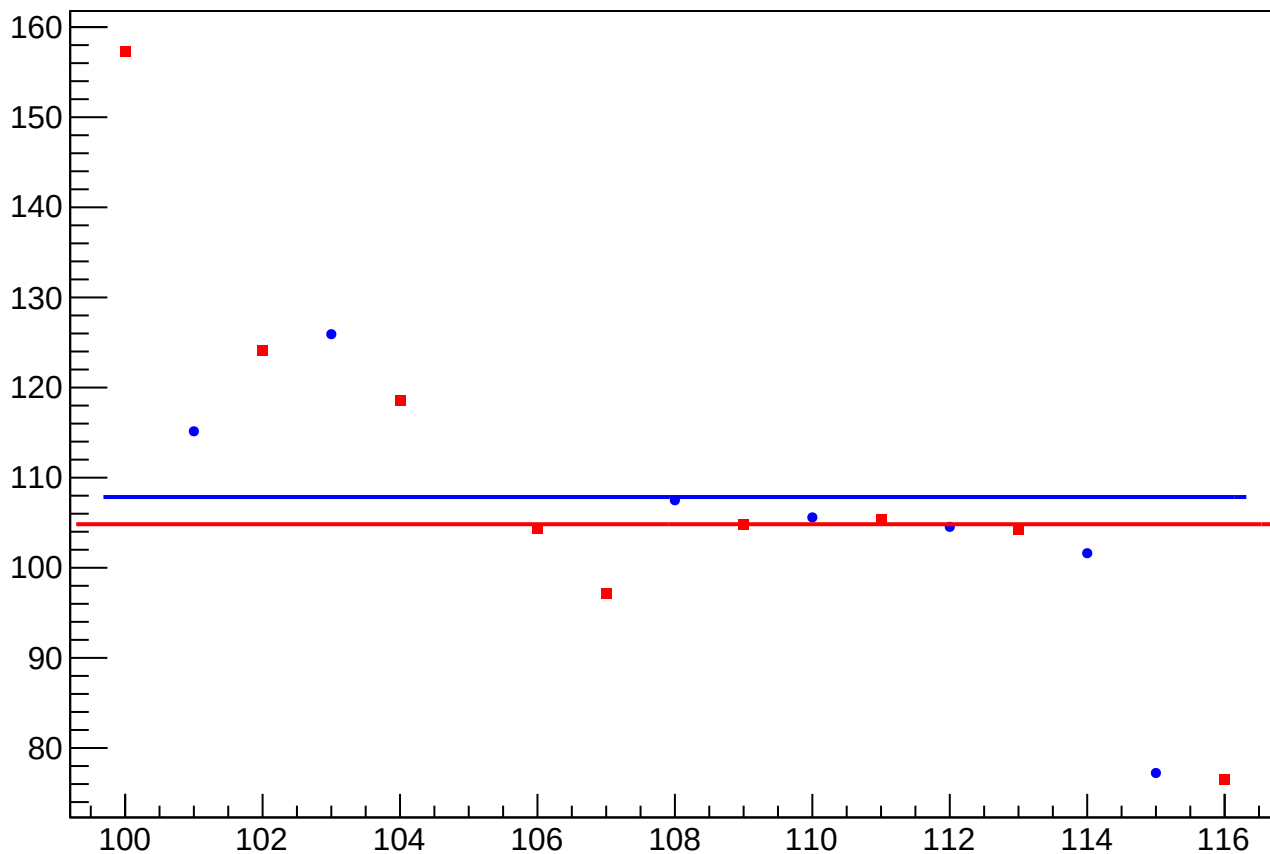
Right: 191.049 $\pm$ 43.006 χ^2 /NDF: 14.9/15

In: 186.583 $\pm$ 65.303 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.049 $\pm$ 43.006 χ^2 /NDF: 14.9/15

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.853+/-0.046 χ^2/NDF : 77053.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.834+/-0.040 χ^2/NDF : 135183.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

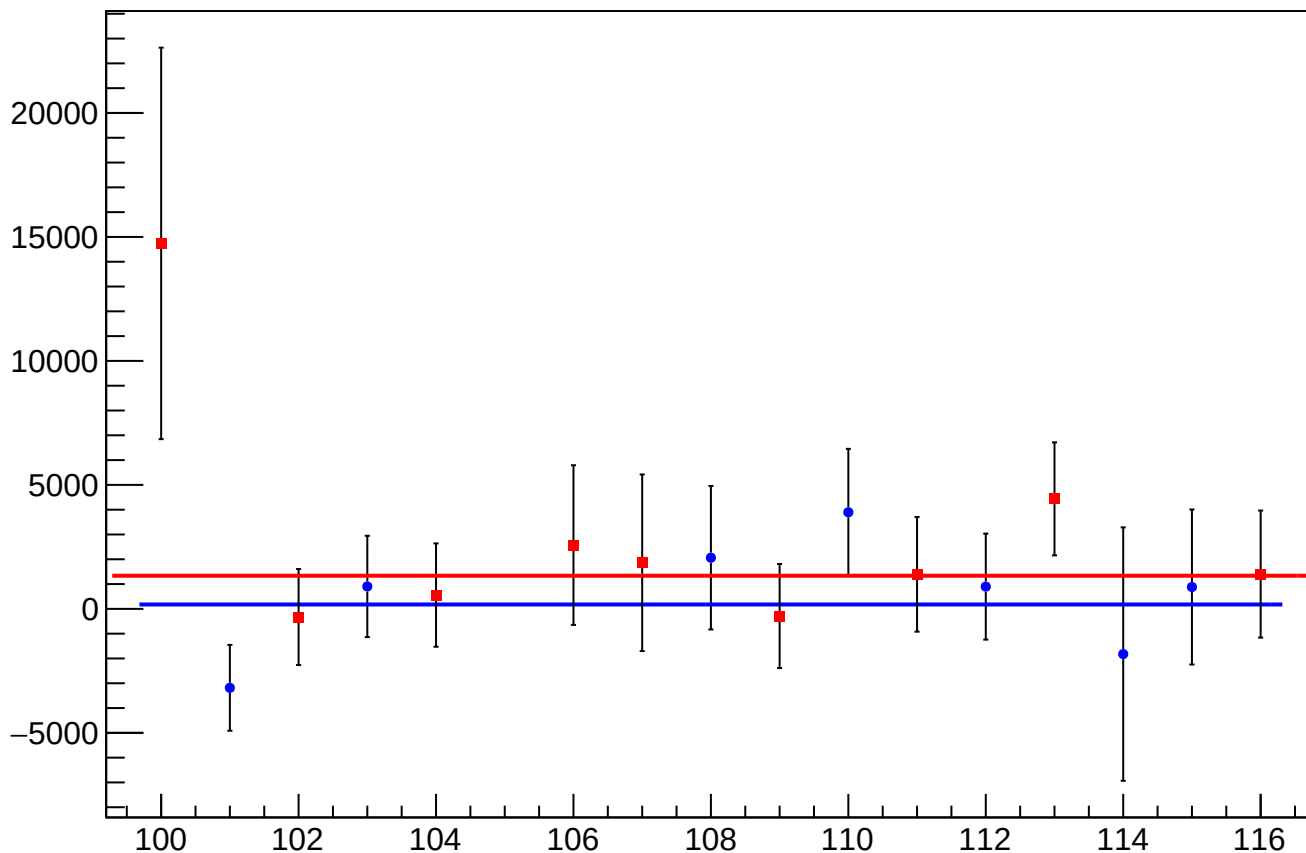
Right: 106.143+/-0.030 χ^2/NDF : 214657.9/15

In: 107.853+/-0.046 χ^2/NDF : 77053.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.143+/-0.030 χ^2/NDF : 214657.9/15

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.739+/-910.968 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.735+/-831.165 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

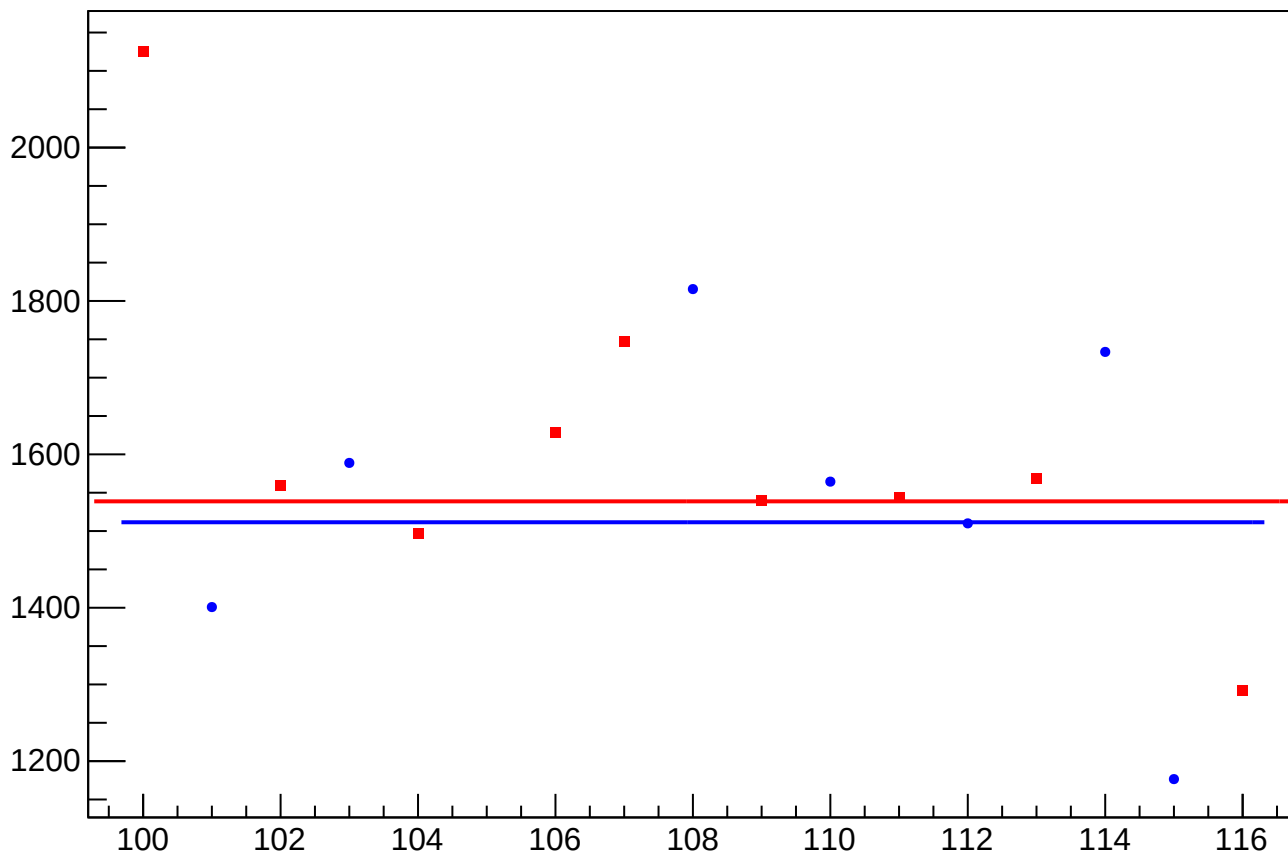
Right: 809.762+/-614.001 χ^2/NDF : 14.0/15

In: 176.739+/-910.968 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.762+/-614.001 χ^2/NDF : 14.0/15

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1511.467+/-0.644 χ^2/NDF : 60678.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1538.735+/-0.588 χ^2/NDF : 39340.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

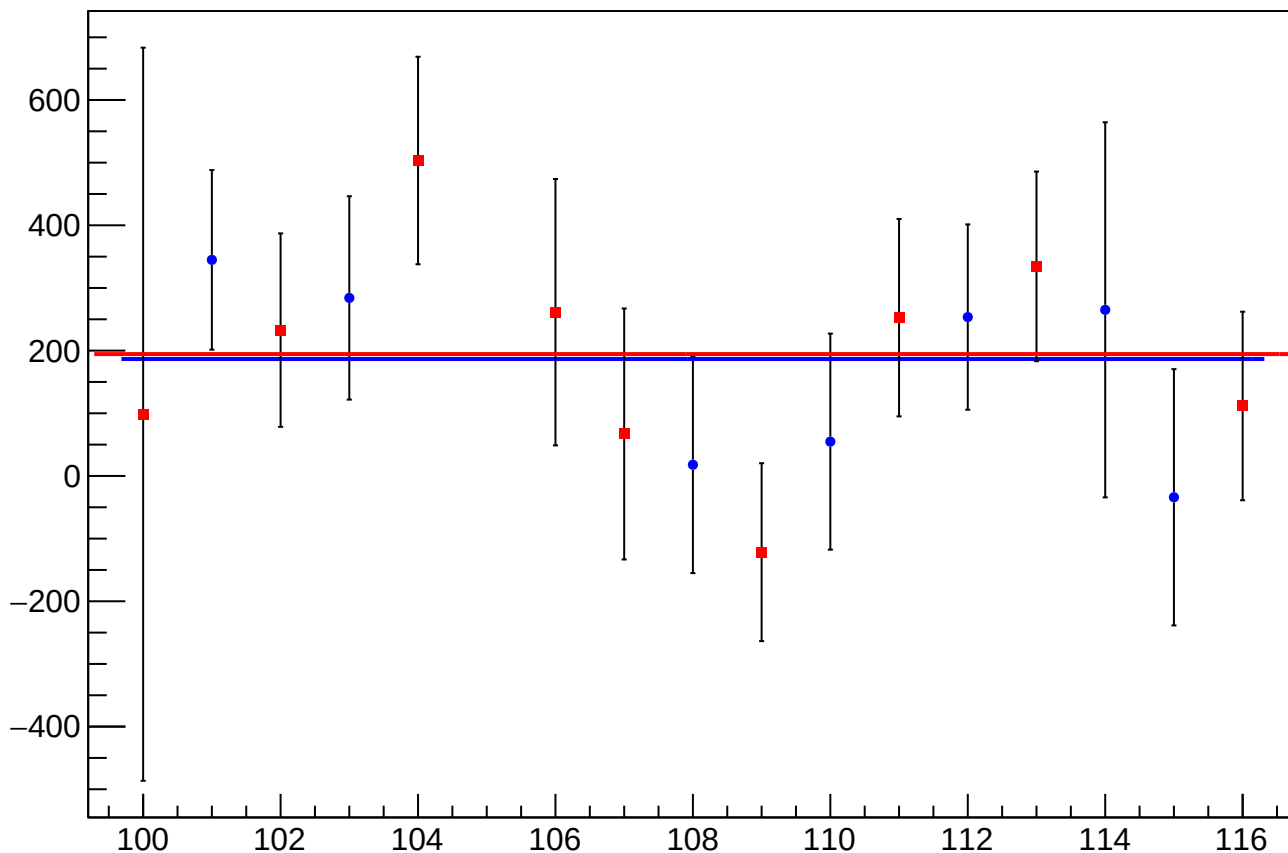
Right: 1526.348+/-0.434 χ^2/NDF : 100997.4/15

In: 1511.467+/-0.644 χ^2/NDF : 60678.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.348+/-0.434 χ^2/NDF : 100997.4/15

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 186.583 $\pm$ 65.303 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 194.469 $\pm$ 57.149 χ^2 /NDF: 10.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

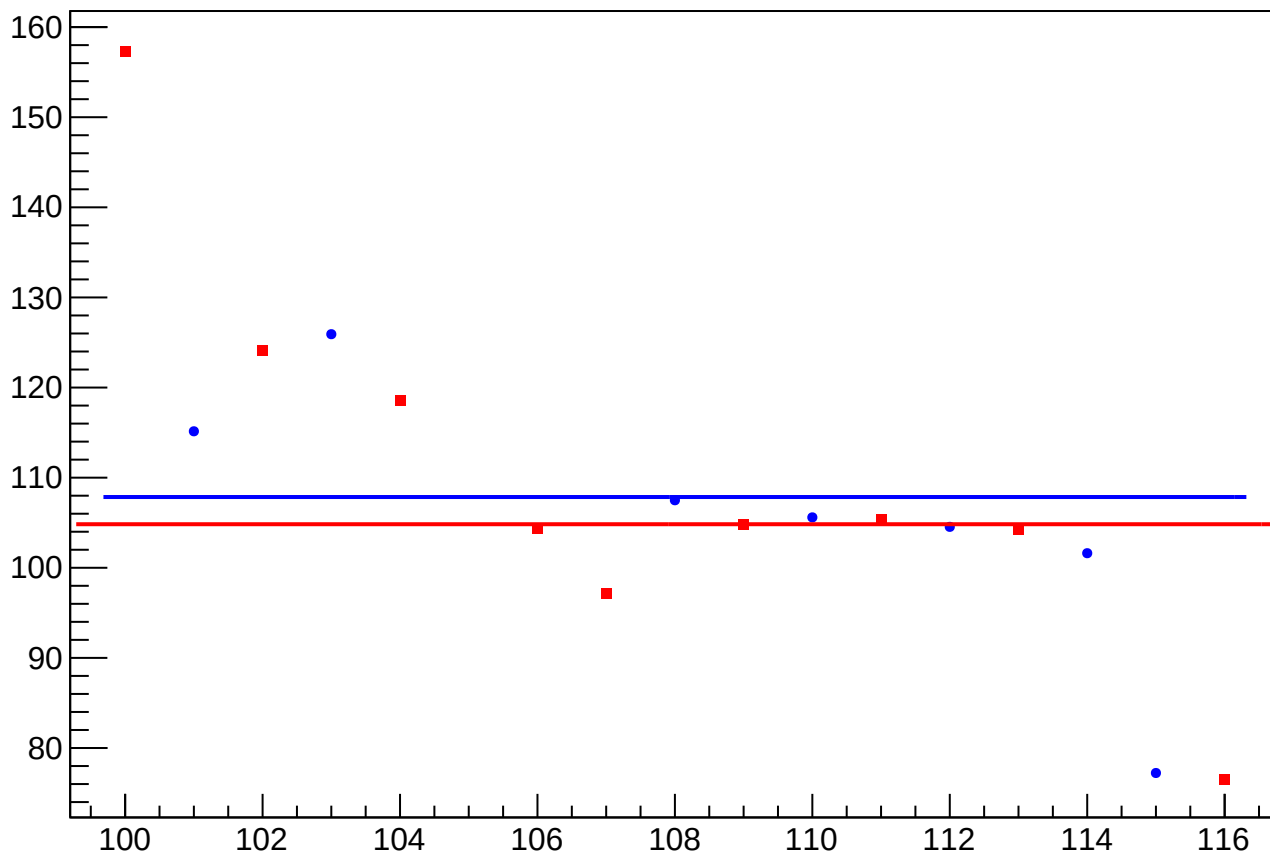
Right: 191.049 $\pm$ 43.006 χ^2 /NDF: 14.9/15

In: 186.583 $\pm$ 65.303 χ^2 /NDF: 4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 191.049 $\pm$ 43.006 χ^2 /NDF: 14.9/15

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.853+/-0.046 χ^2/NDF : 77053.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.834+/-0.040 χ^2/NDF : 135183.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

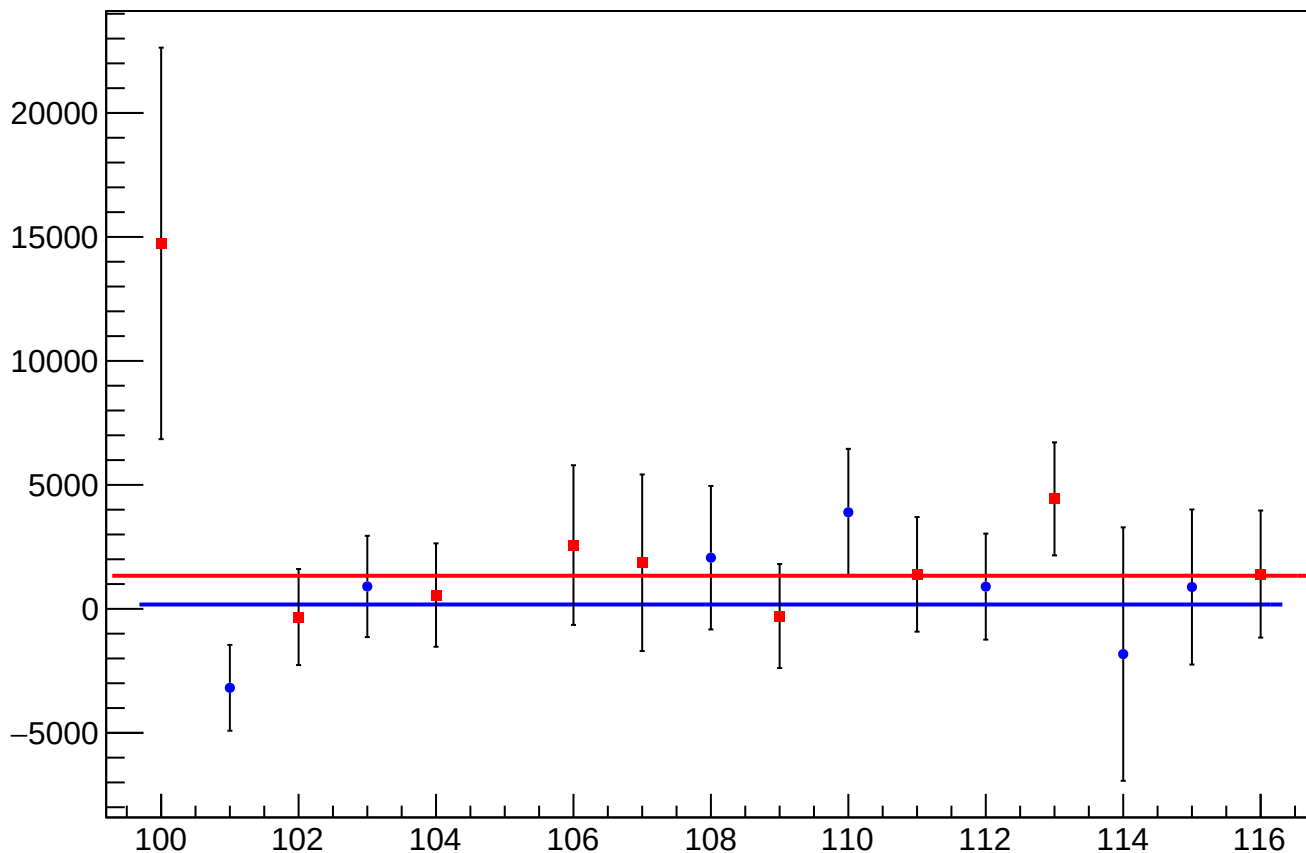
Right: 106.143+/-0.030 χ^2/NDF : 214657.9/15

In: 107.853+/-0.046 χ^2/NDF : 77053.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.143+/-0.030 χ^2/NDF : 214657.9/15

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.739+/-910.968 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.735+/-831.165 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

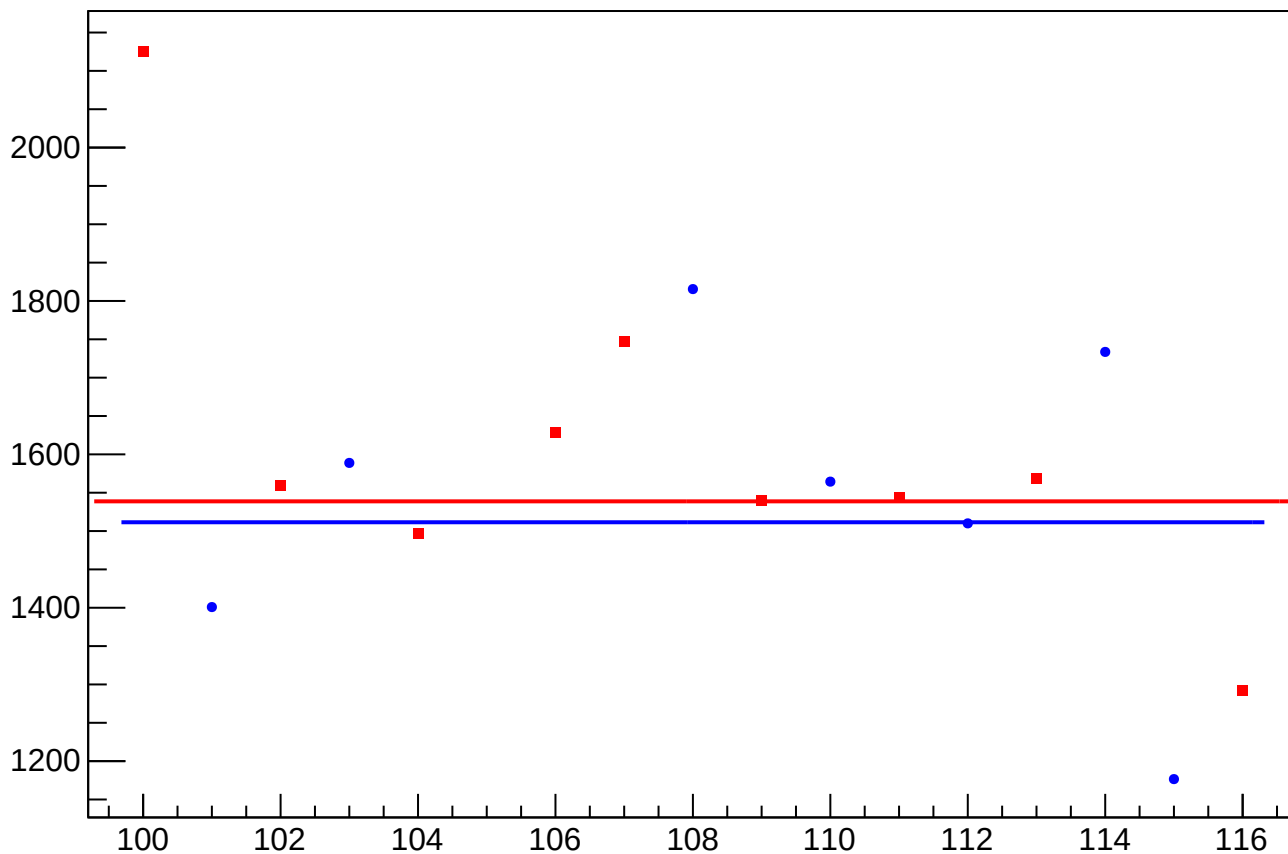
Right: 809.762+/-614.001 χ^2/NDF : 14.0/15

In: 176.739+/-910.968 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.762+/-614.001 χ^2/NDF : 14.0/15

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1511.467+/-0.644 χ^2/NDF : 60678.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1538.735+/-0.588 χ^2/NDF : 39340.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

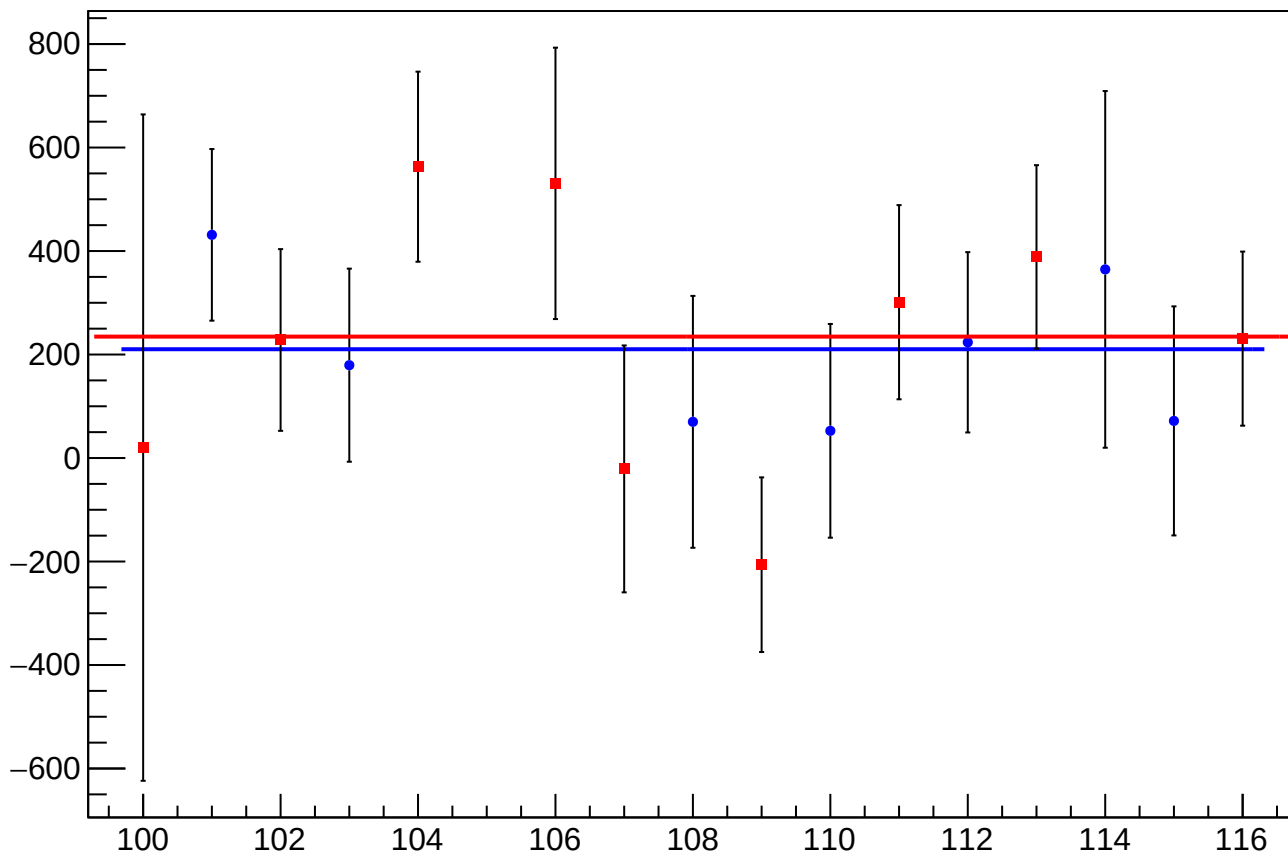
Right: 1526.348+/-0.434 χ^2/NDF : 100997.4/15

In: 1511.467+/-0.644 χ^2/NDF : 60678.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.348+/-0.434 χ^2/NDF : 100997.4/15

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 210.228 $\pm$ 77.338 χ^2 /NDF: 3.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.628 $\pm$ 66.328 χ^2 /NDF: 13.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

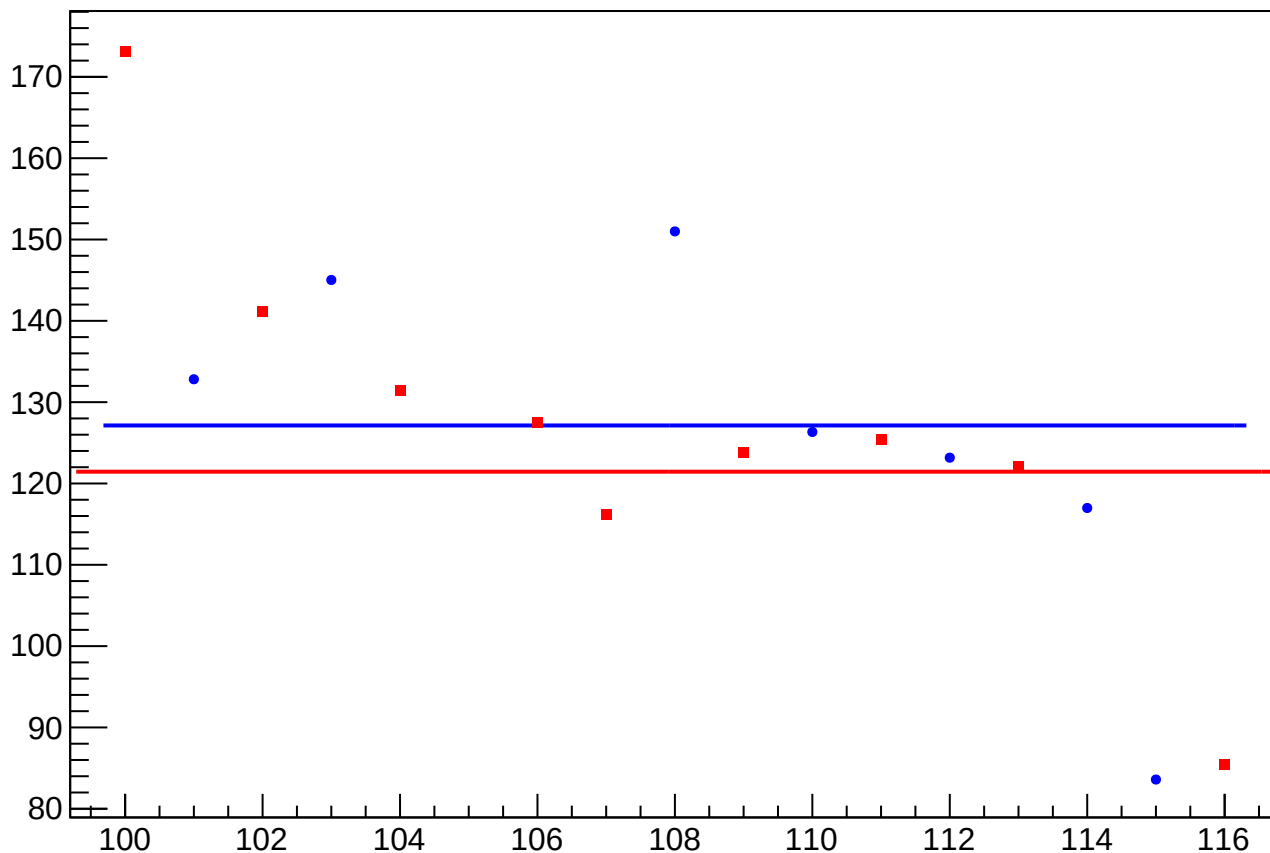
Right: 224.287 $\pm$ 50.348 χ^2 /NDF: 16.8/15

In: 210.228 $\pm$ 77.338 χ^2 /NDF:3.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.287 $\pm$ 50.348 χ^2 /NDF: 16.8/15

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 127.135 $\pm$ 0.055 χ^2 /NDF: 120163.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 121.450 $\pm$ 0.047 χ^2 /NDF: 138802.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

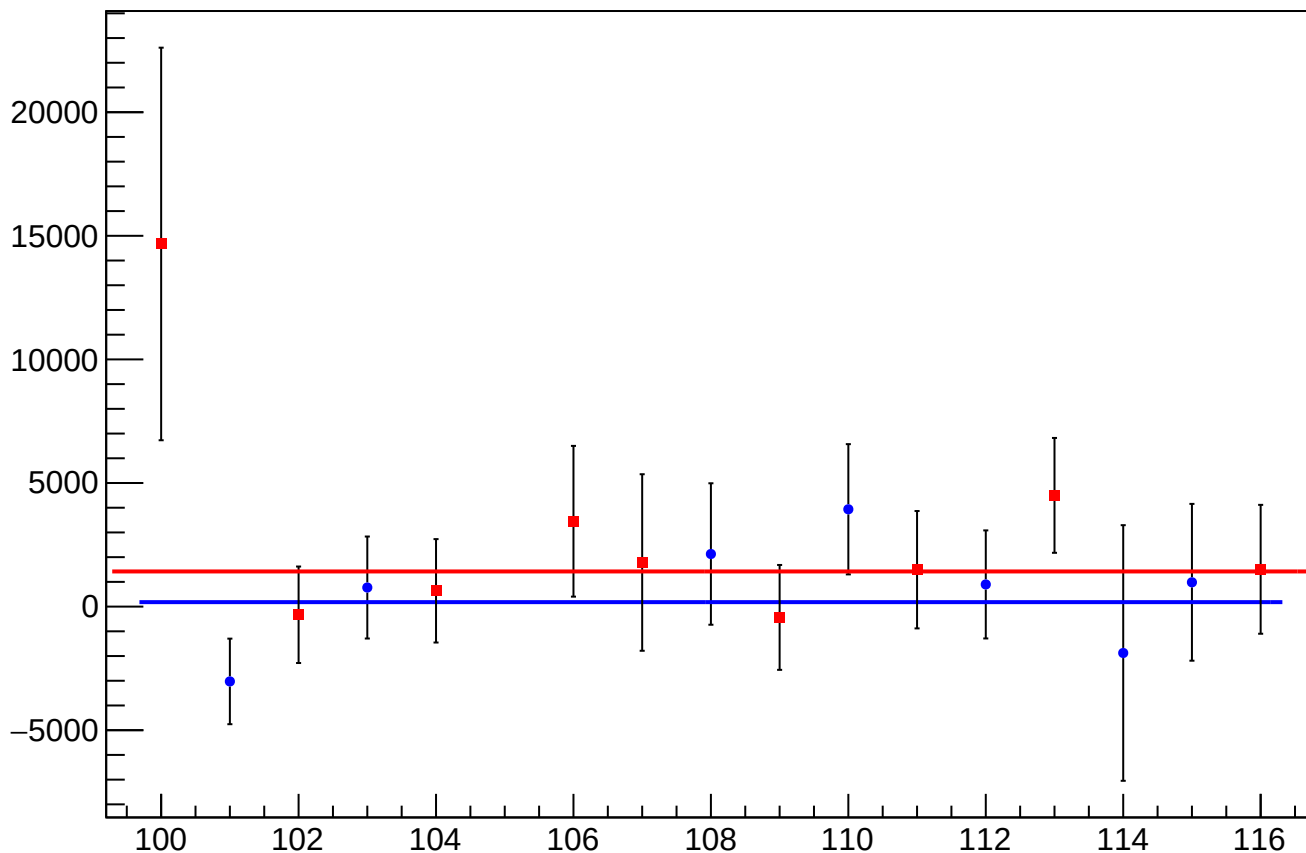
Right: 123.859 $\pm$ 0.036 χ^2 /NDF: 265193.0/15

In: 127.135 $\pm$ 0.055 χ^2 /NDF: 120163.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.859 $\pm$ 0.036 χ^2 /NDF: 265193.0/15

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 180.412+/-920.143 χ^2/NDF : 6.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1421.983+/-837.754 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

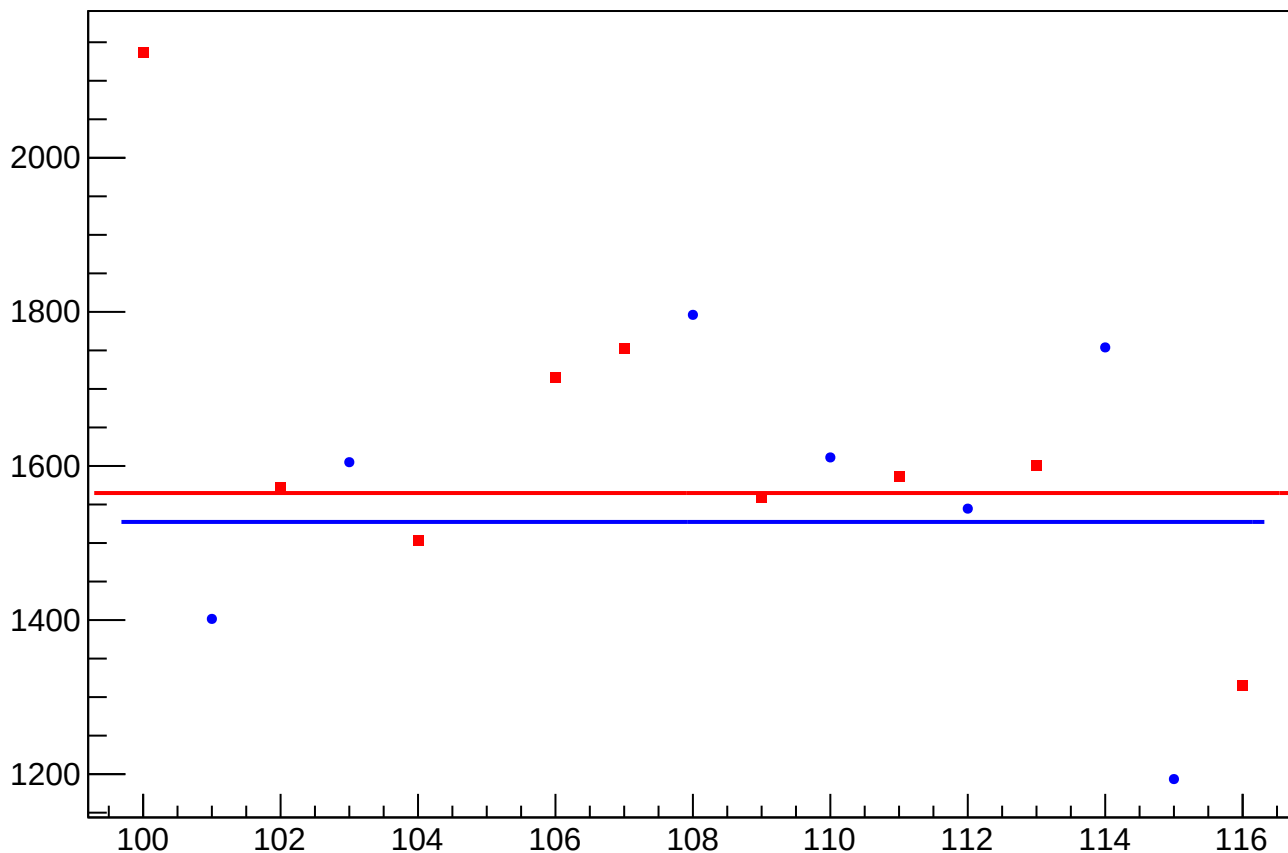
Right: 859.260+/-619.465 χ^2/NDF : 14.0/15

In: 180.412+/-920.143 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.260+/-619.465 χ^2/NDF : 14.0/15

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1527.371+/-0.651 χ^2/NDF : 59182.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.881+/-0.592 χ^2/NDF : 41529.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

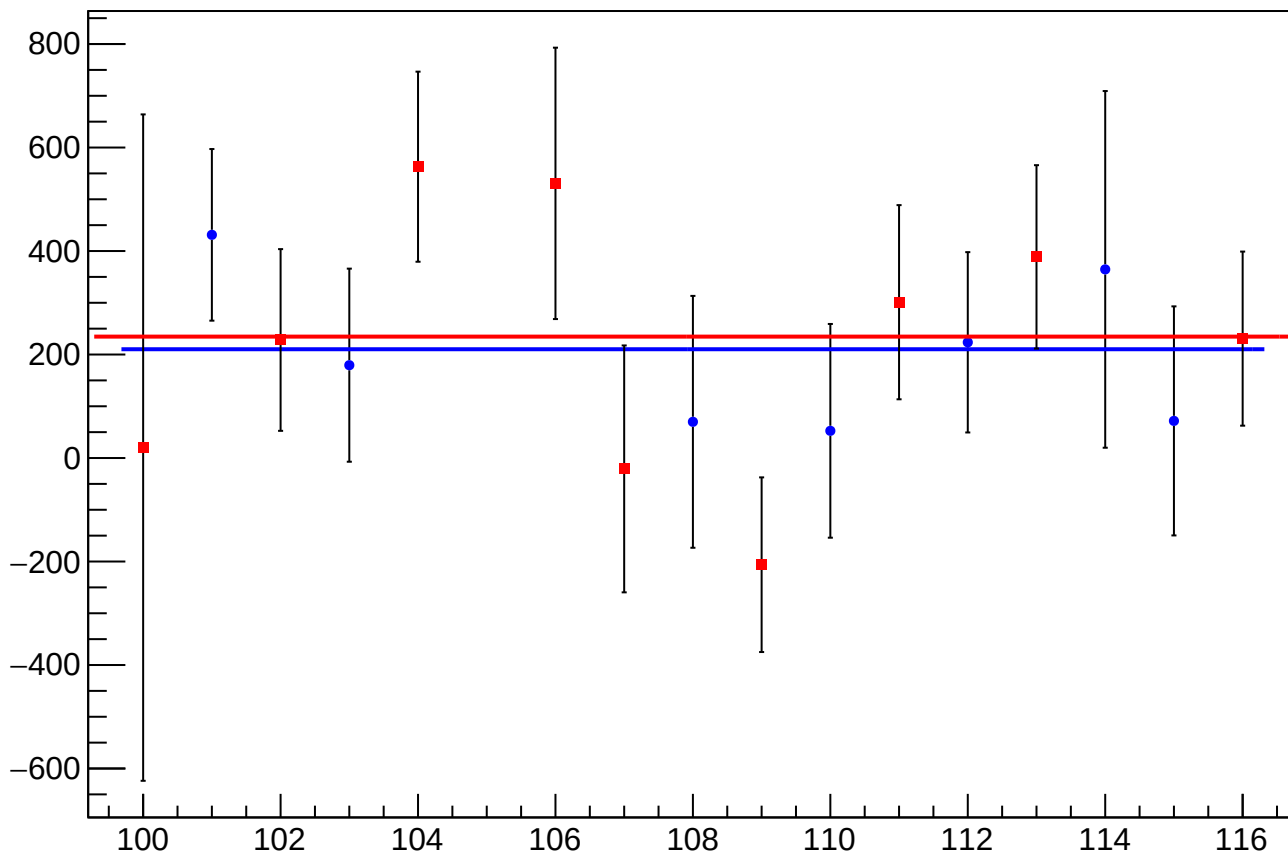
Right: 1547.880+/-0.438 χ^2/NDF : 102528.8/15

In: 1527.371+/-0.651 χ^2/NDF : 59182.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.880+/-0.438 χ^2/NDF : 102528.8/15

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 210.223+/-77.337 χ^2/NDF : 3.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.624+/-66.328 χ^2/NDF : 13.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

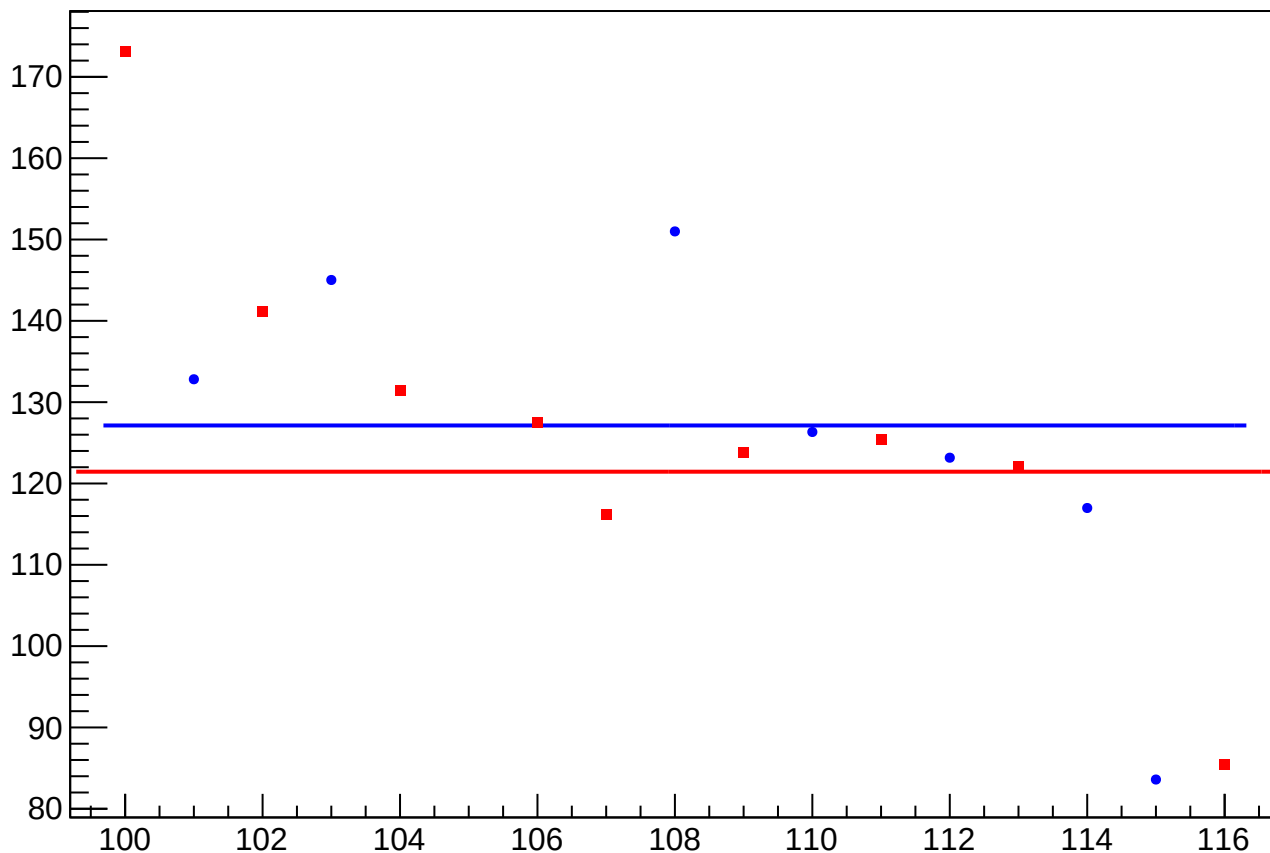
Right: 224.283+/-50.347 χ^2/NDF : 16.8/15

In: 210.223+/-77.337 χ^2/NDF : 3.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.283+/-50.347 χ^2/NDF : 16.8/15

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 127.134+/-0.055 χ^2/NDF : 120164.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.449+/-0.047 χ^2/NDF : 138799.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

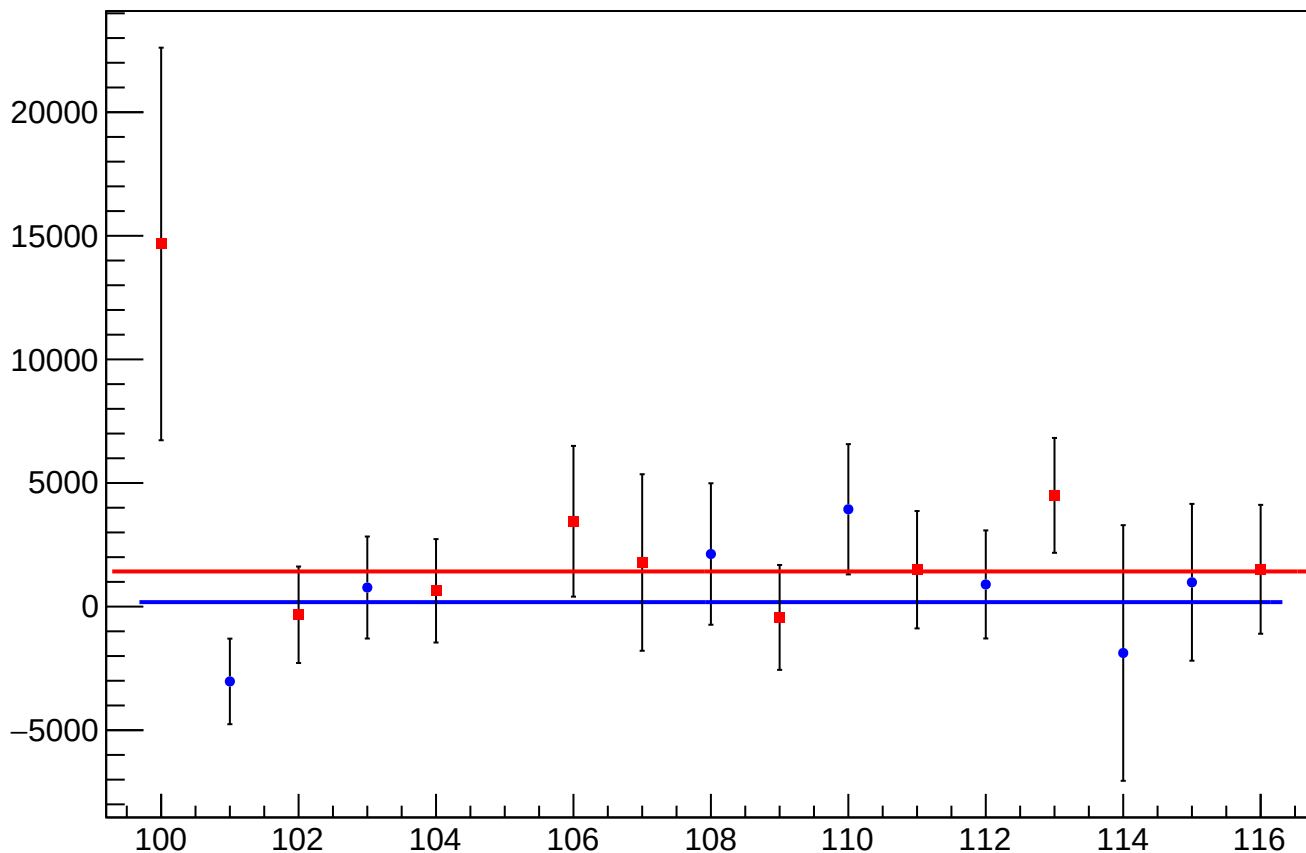
Right: 123.859+/-0.036 χ^2/NDF : 265189.6/15

In: 127.134+/-0.055 χ^2/NDF : 120164.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.859+/-0.036 χ^2/NDF : 265189.6/15

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 180.413+/-920.140 χ^2/NDF : 6.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1421.981+/-837.752 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

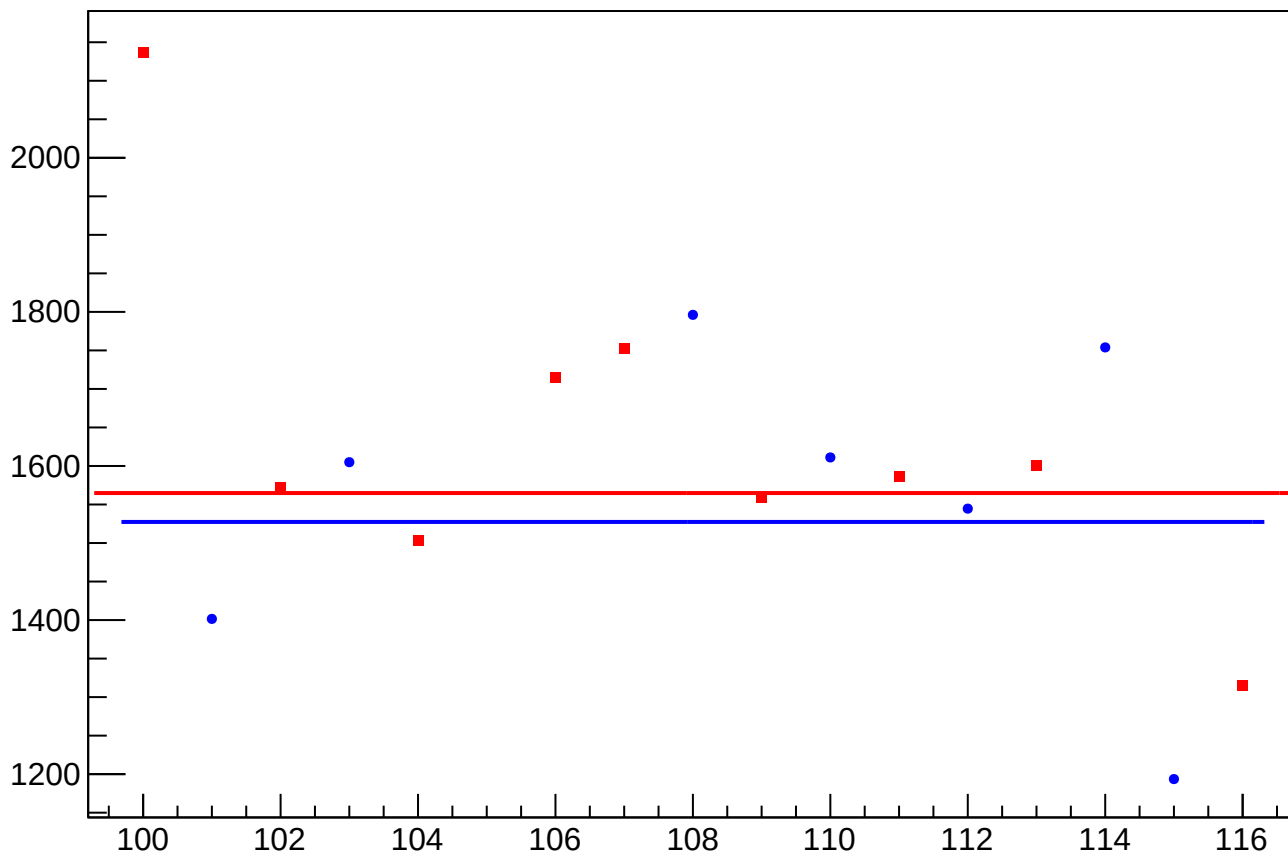
Right: 859.259+/-619.464 χ^2/NDF : 14.0/15

In: 180.413+/-920.140 χ^2/NDF : 6.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.259+/-619.464 χ^2/NDF : 14.0/15

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1527.368+/-0.651 χ^2/NDF : 59181.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.878+/-0.592 χ^2/NDF : 41529.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

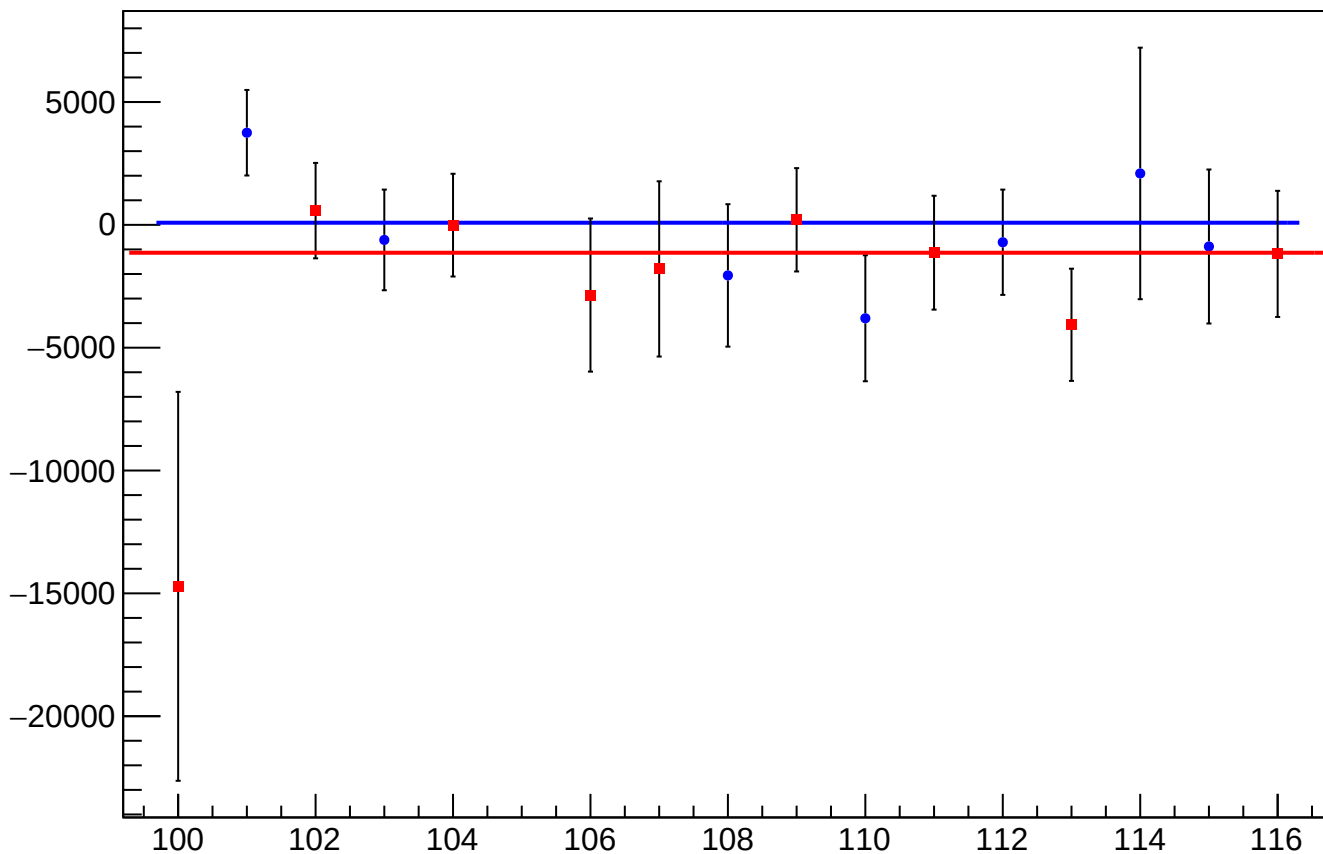
Right: 1547.877+/-0.438 χ^2/NDF : 102527.4/15

In: 1527.368+/-0.651 χ^2/NDF : 59181.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.877+/-0.438 χ^2/NDF : 102527.4/15

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 86.596+/-914.083 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1135.259+/-831.234 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

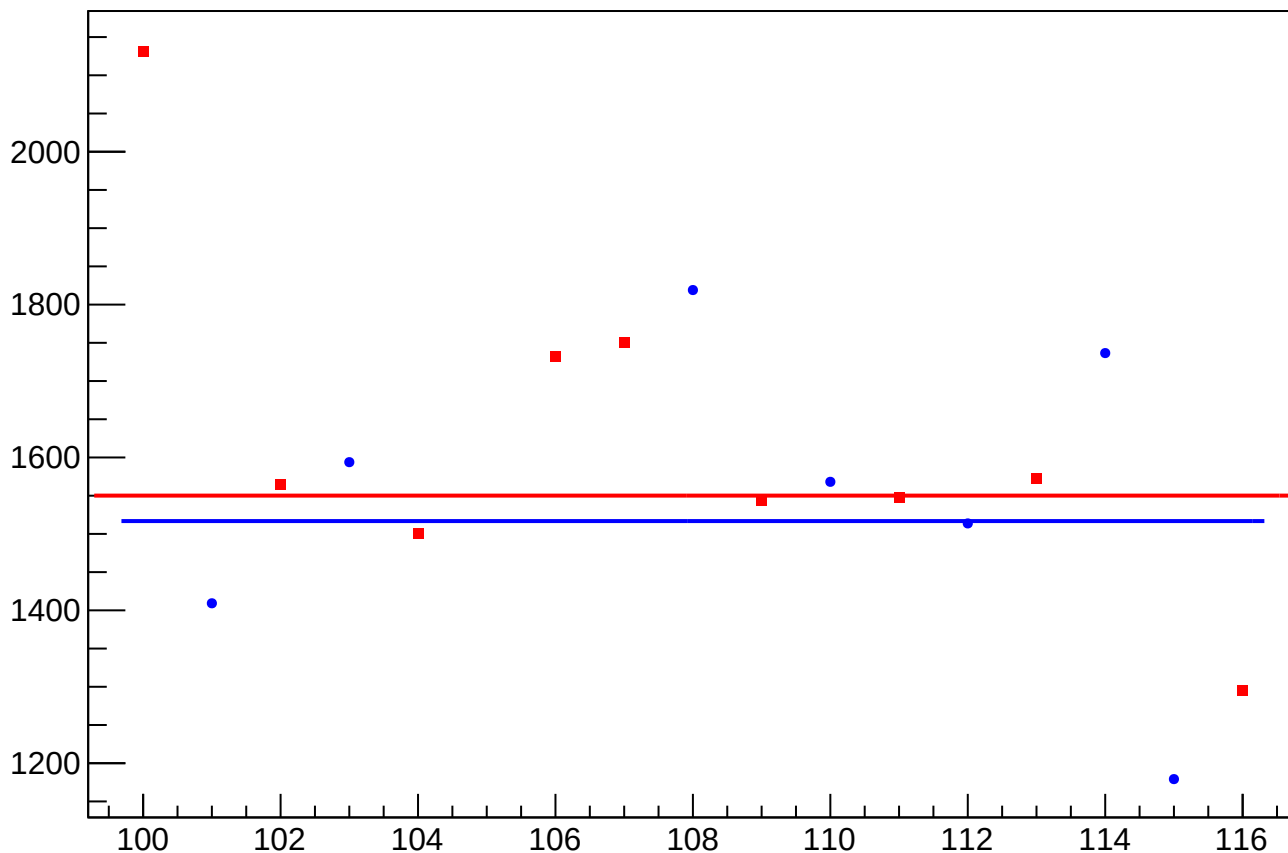
Right: -582.202+/-614.980 χ^2/NDF : 15.2/15

In: 86.596+/-914.083 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -582.202+/-614.980 χ^2/NDF : 15.2/15

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1516.793+/-0.646 χ^2/NDF : 59890.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.107+/-0.588 χ^2/NDF : 45048.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

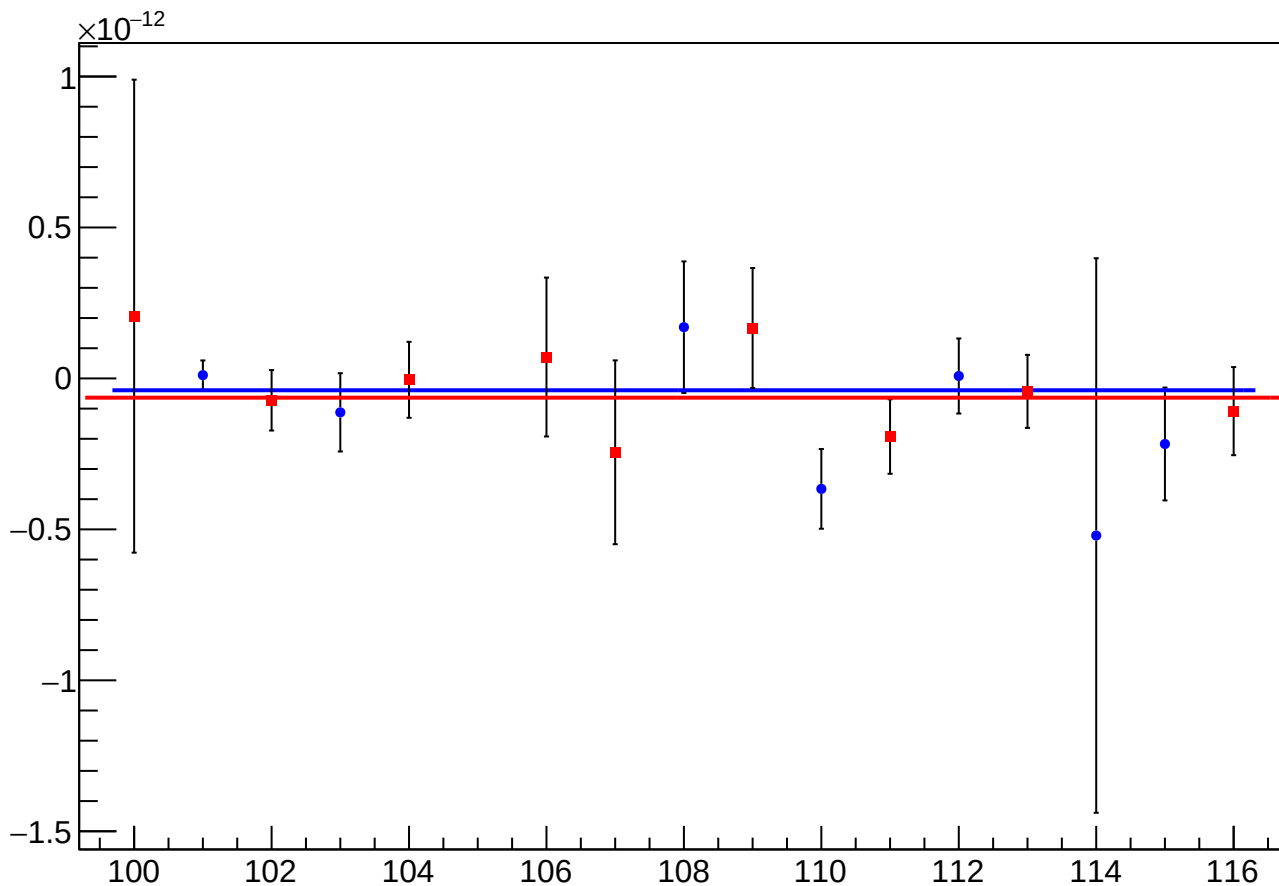
Right: 1535.028+/-0.435 χ^2/NDF : 106392.2/15

In: 1516.793+/-0.646 χ^2/NDF : 59890.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.028+/-0.435 χ^2/NDF : 106392.2/15

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

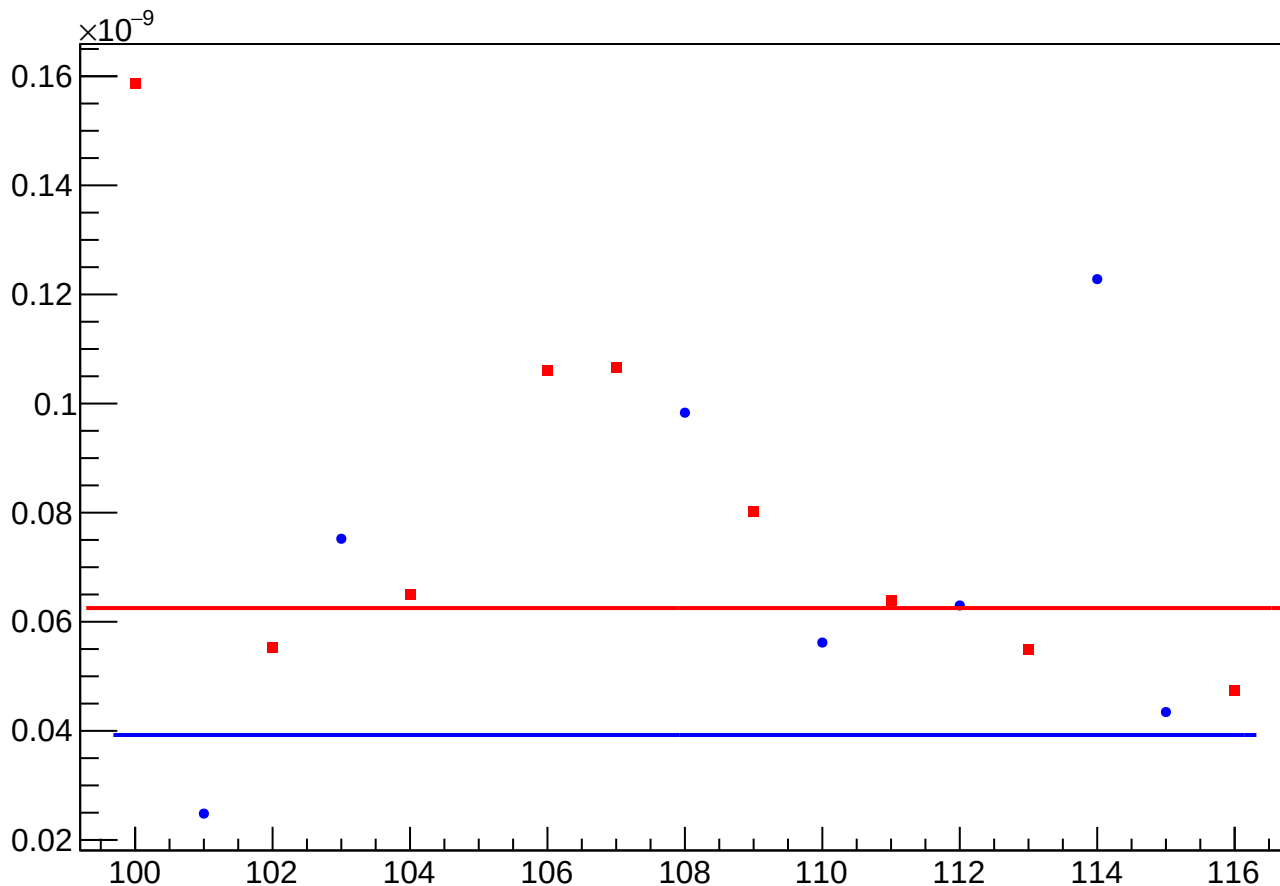
Right: -0.000+/-0.000 χ^2 /NDF: 13.4/15

In: -0.000+/-0.000 χ^2 /NDF:9.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.4/15

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 600737.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 183164.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

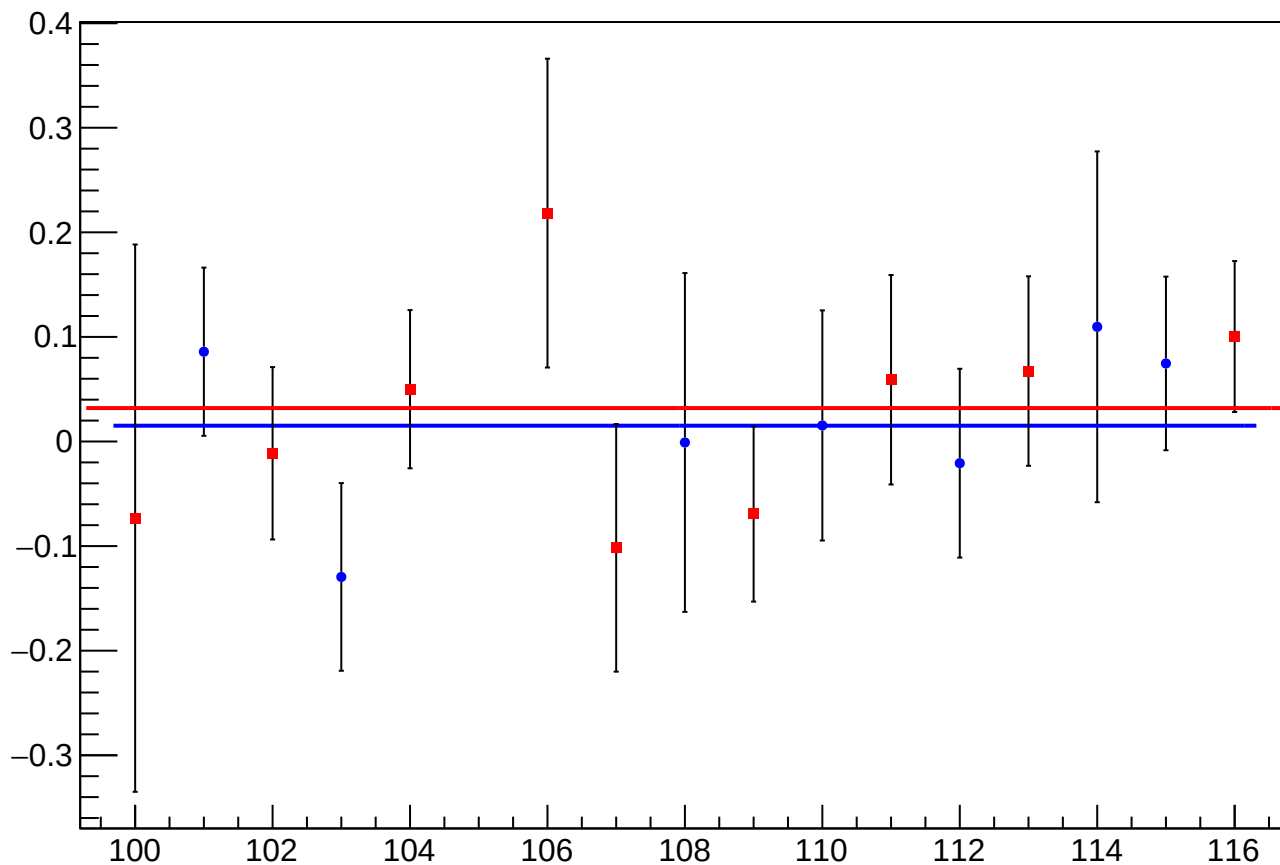
Right: 0.000+/-0.000 χ^2/NDF : 1051410.8/15

In: 0.000+/-0.000 χ^2/NDF : 600737.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1051410.8/15

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.038 χ^2 /NDF: 4.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.032 $\pm$ 0.031 χ^2 /NDF: 5.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

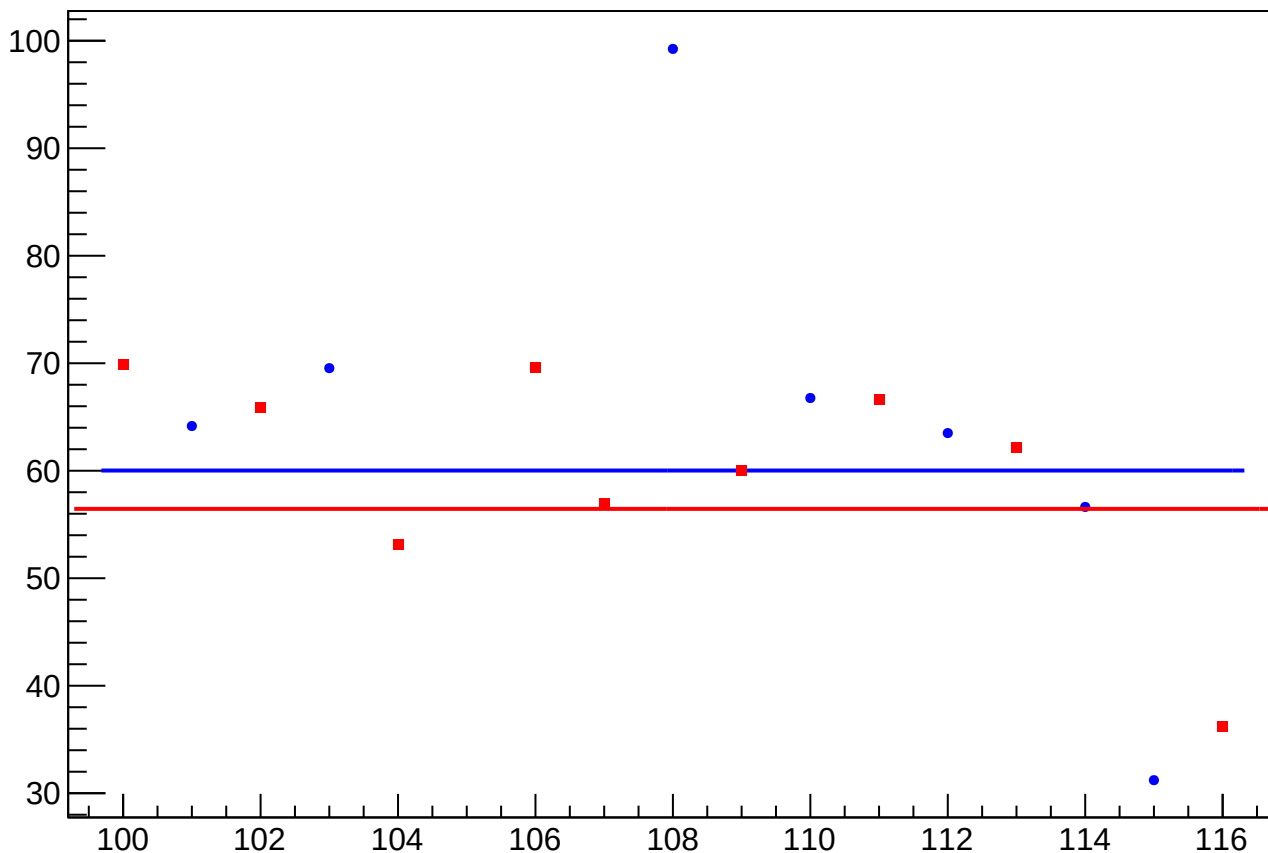
Right: 0.025 $\pm$ 0.024 χ^2 /NDF: 10.4/15

In: 0.015 $\pm$ 0.038 χ^2 /NDF:4.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.024 χ^2 /NDF: 10.4/15

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.019+/-0.027 χ^2/NDF : 397414.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.452+/-0.022 χ^2/NDF : 240530.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

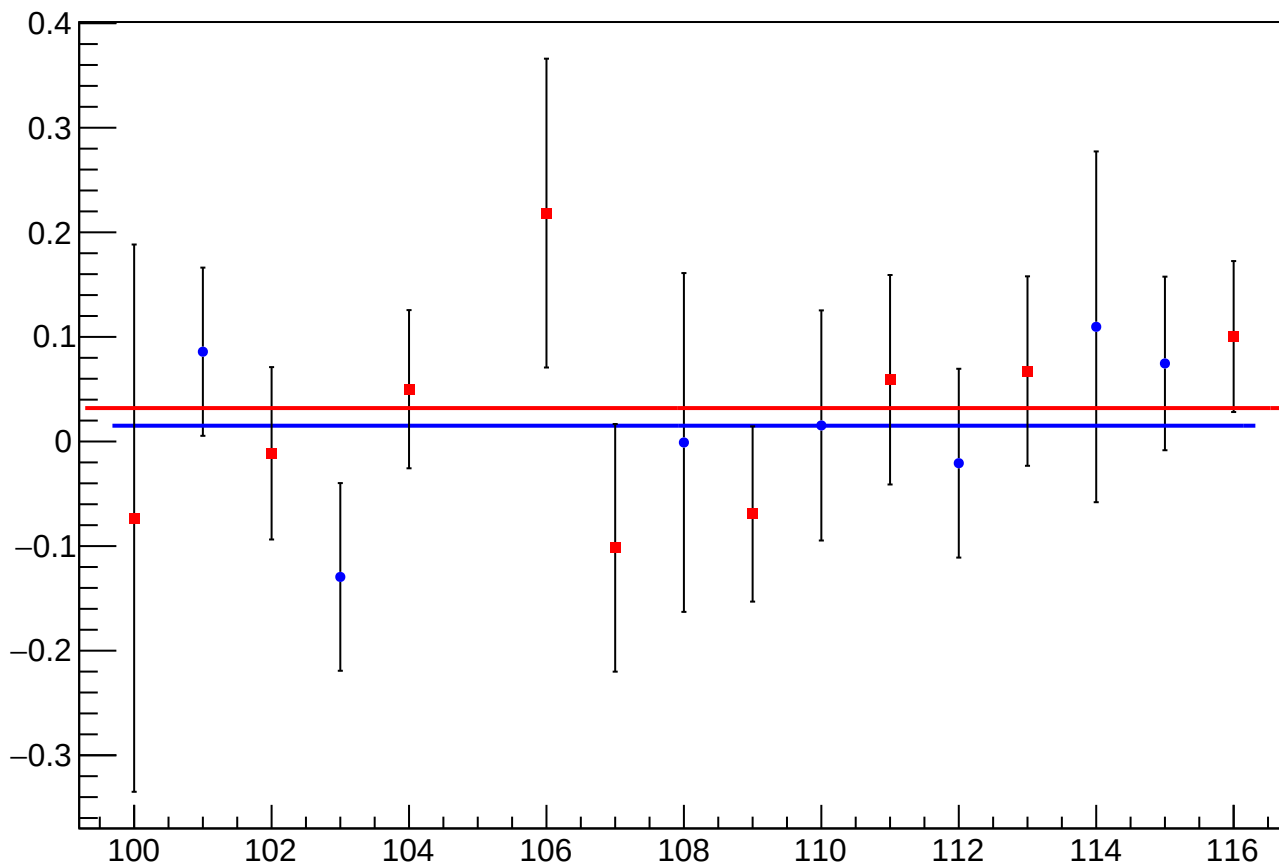
Right: 57.916+/-0.017 χ^2/NDF : 648495.5/15

In: 60.019+/-0.027 χ^2/NDF : 397414.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.916+/-0.017 χ^2/NDF : 648495.5/15

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.038 χ^2 /NDF: 4.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.032 $\pm$ 0.031 χ^2 /NDF: 5.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

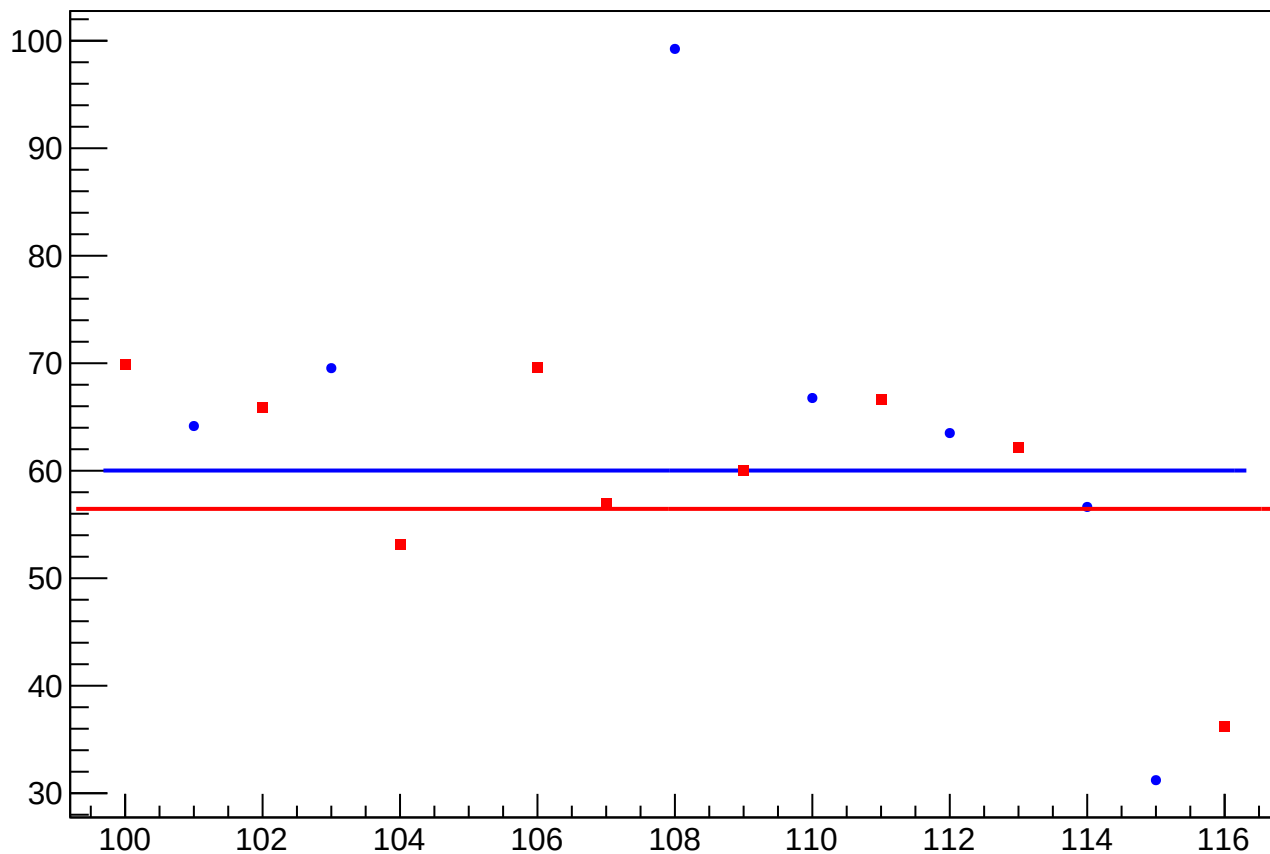
Right: 0.025 $\pm$ 0.024 χ^2 /NDF: 10.4/15

In: 0.015 $\pm$ 0.038 χ^2 /NDF:4.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.024 χ^2 /NDF: 10.4/15

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.019+/-0.027 χ^2/NDF : 397414.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.452+/-0.022 χ^2/NDF : 240530.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

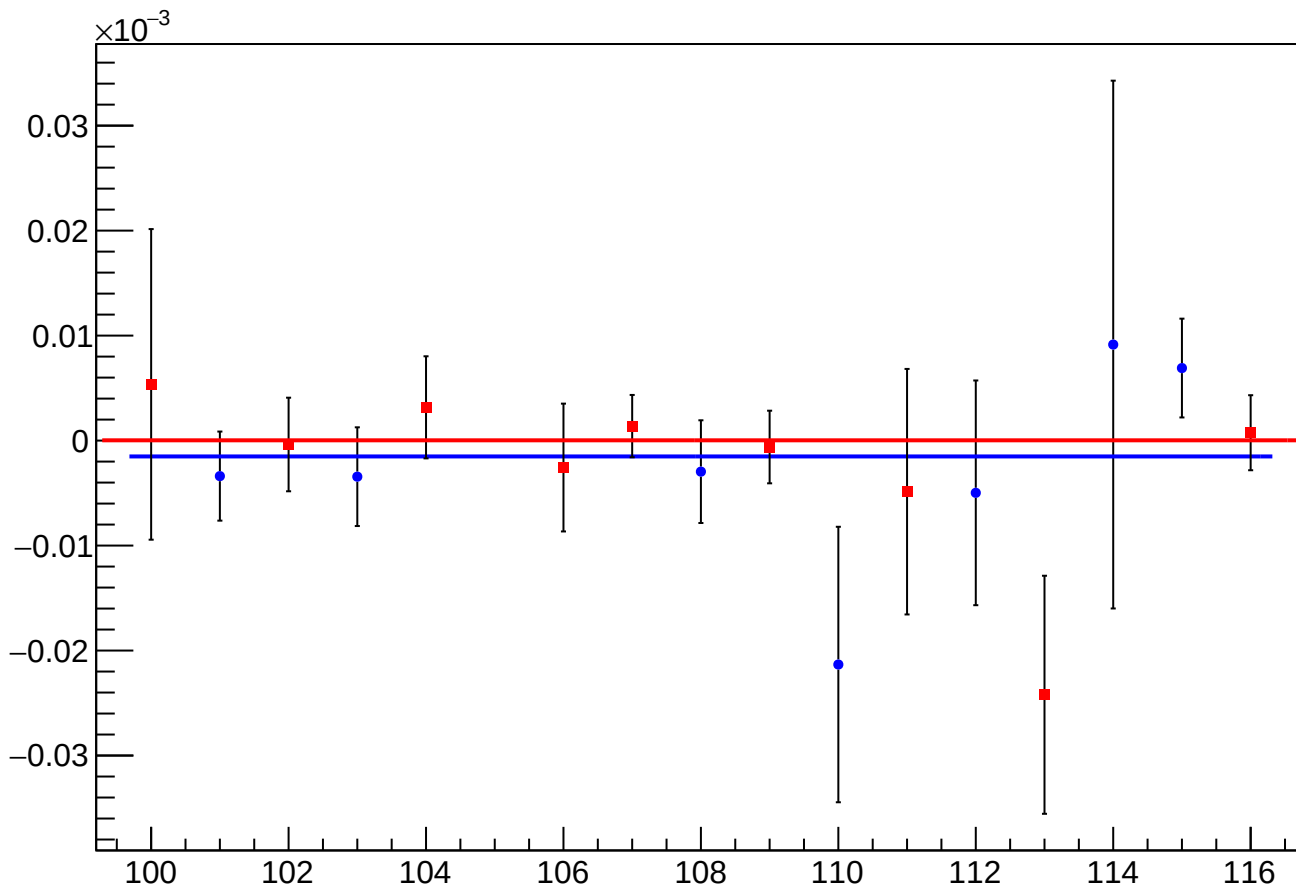
Right: 57.916+/-0.017 χ^2/NDF : 648495.5/15

In: 60.019+/-0.027 χ^2/NDF : 397414.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.916+/-0.017 χ^2/NDF : 648495.5/15

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

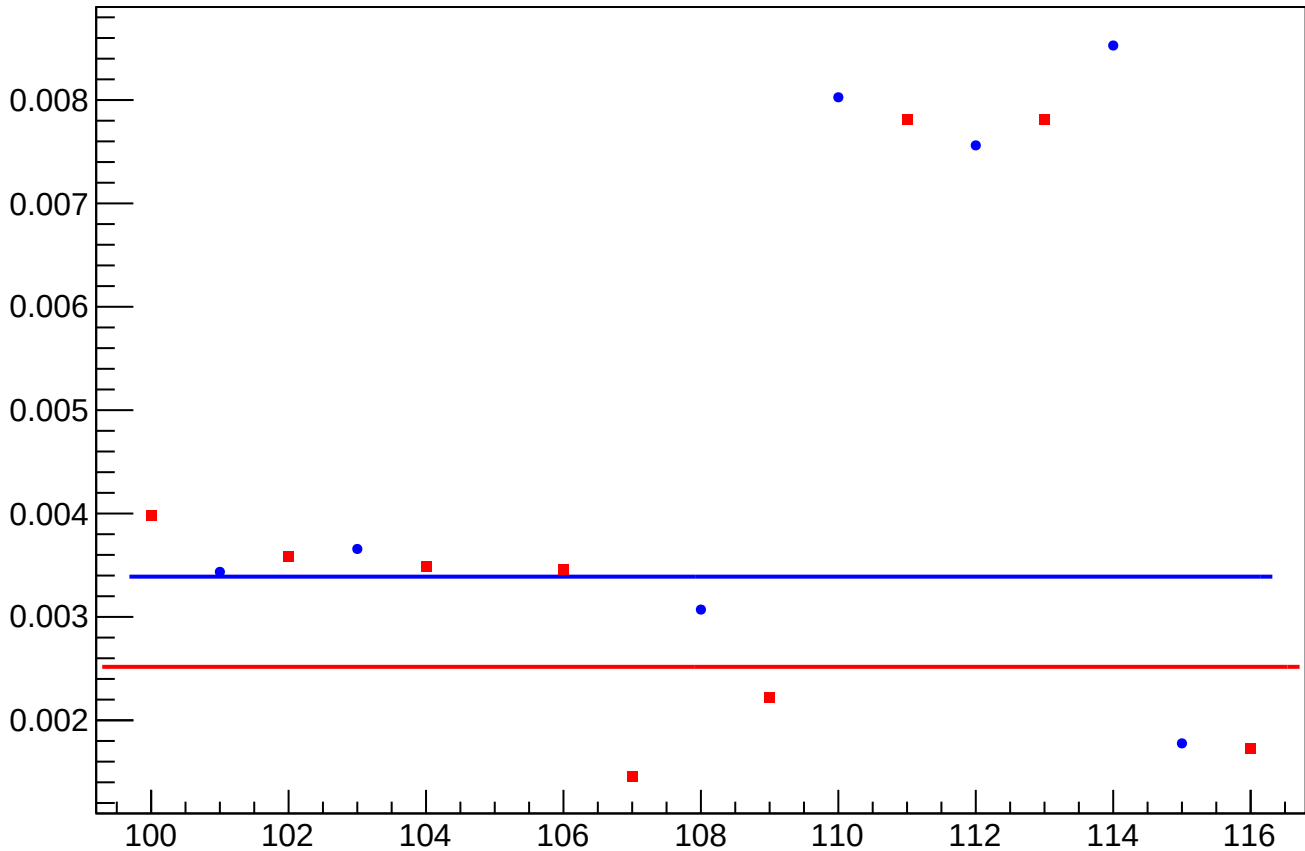
Right: -0.000+/-0.000 χ^2/NDF : 12.3/15

In: -0.000+/-0.000 χ^2/NDF : 6.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/15

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 887474.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1476949.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

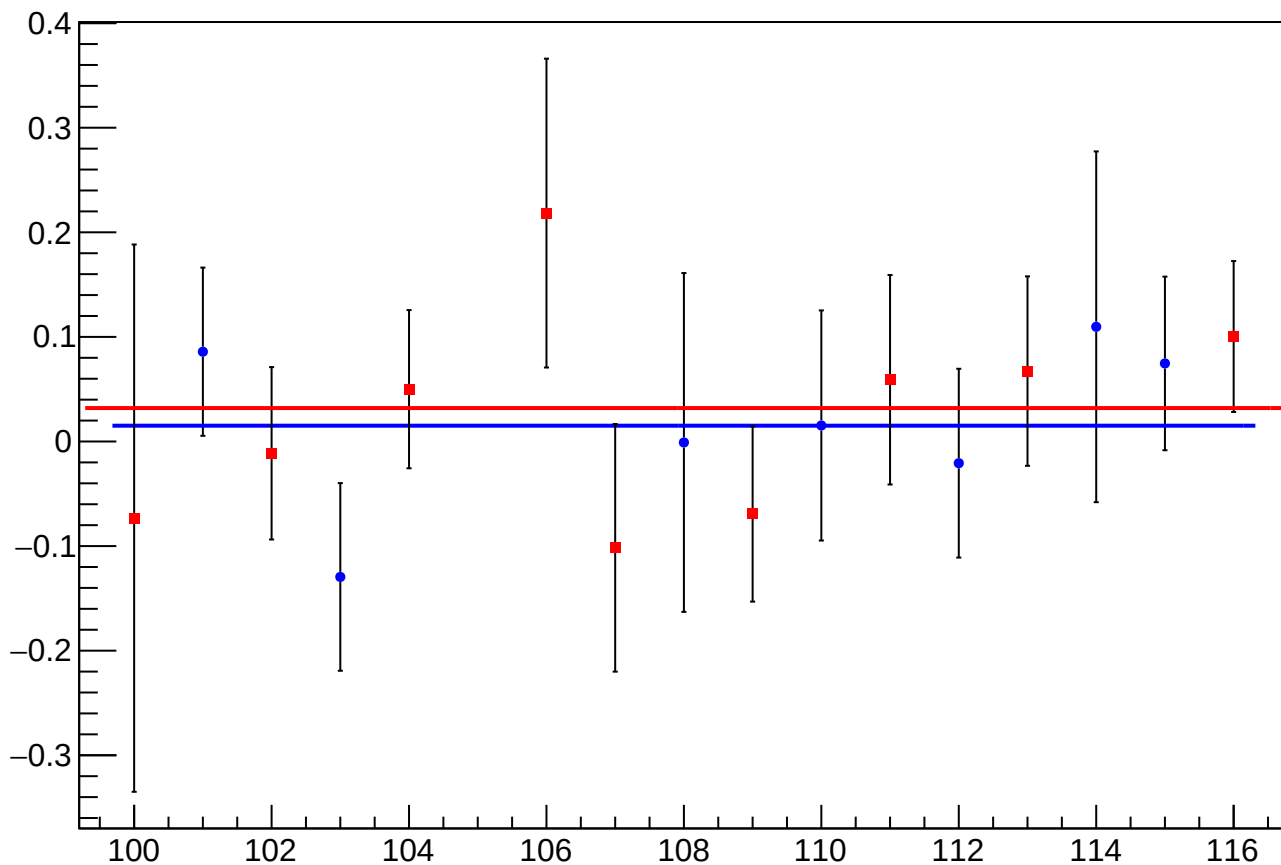
Right: 0.003+/-0.000 χ^2/NDF : 2572483.6/15

In: 0.003+/-0.000 χ^2/NDF :887474.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2572483.6/15

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.038 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.031 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

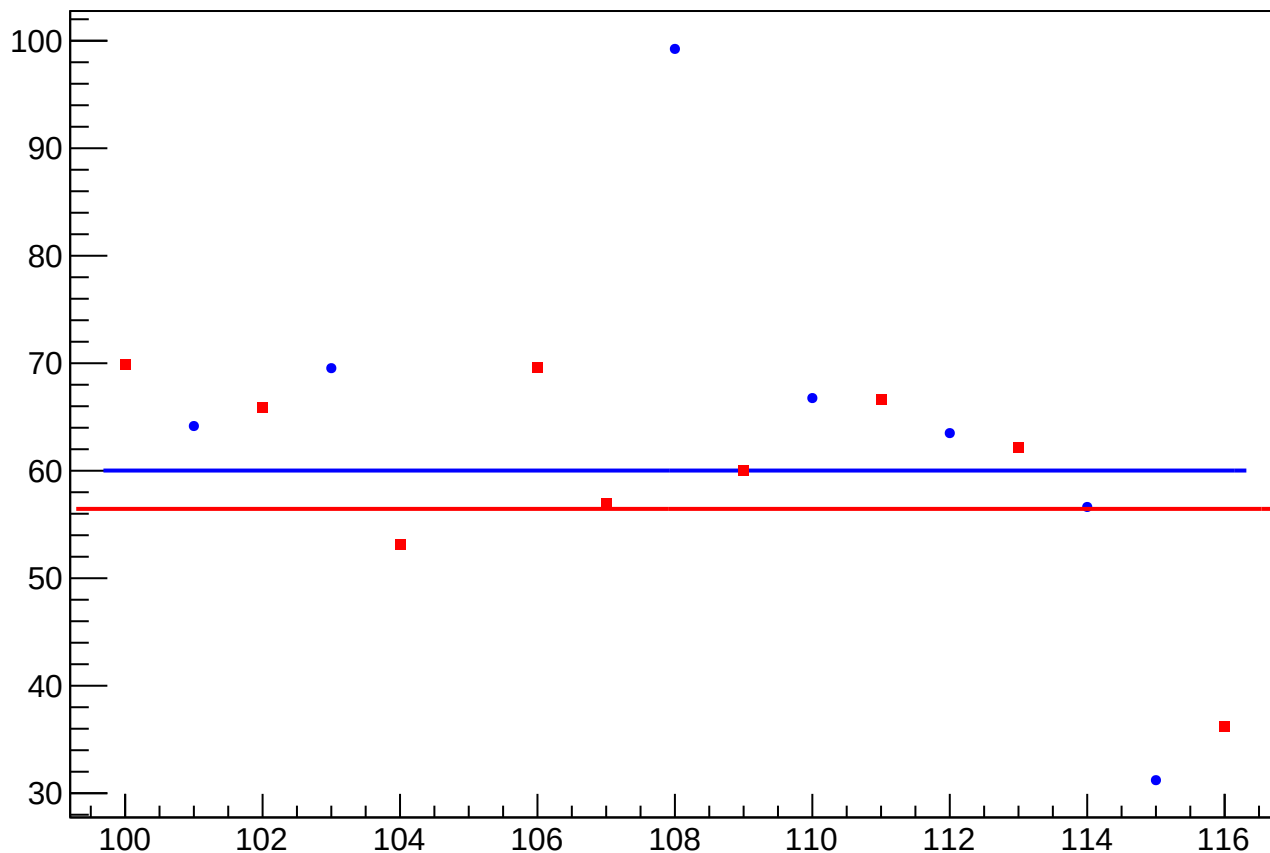
Right: 0.025+/-0.024 χ^2/NDF : 10.4/15

In: 0.015+/-0.038 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.024 χ^2/NDF : 10.4/15

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.018+/-0.027 χ^2/NDF : 397392.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.451+/-0.022 χ^2/NDF : 240490.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

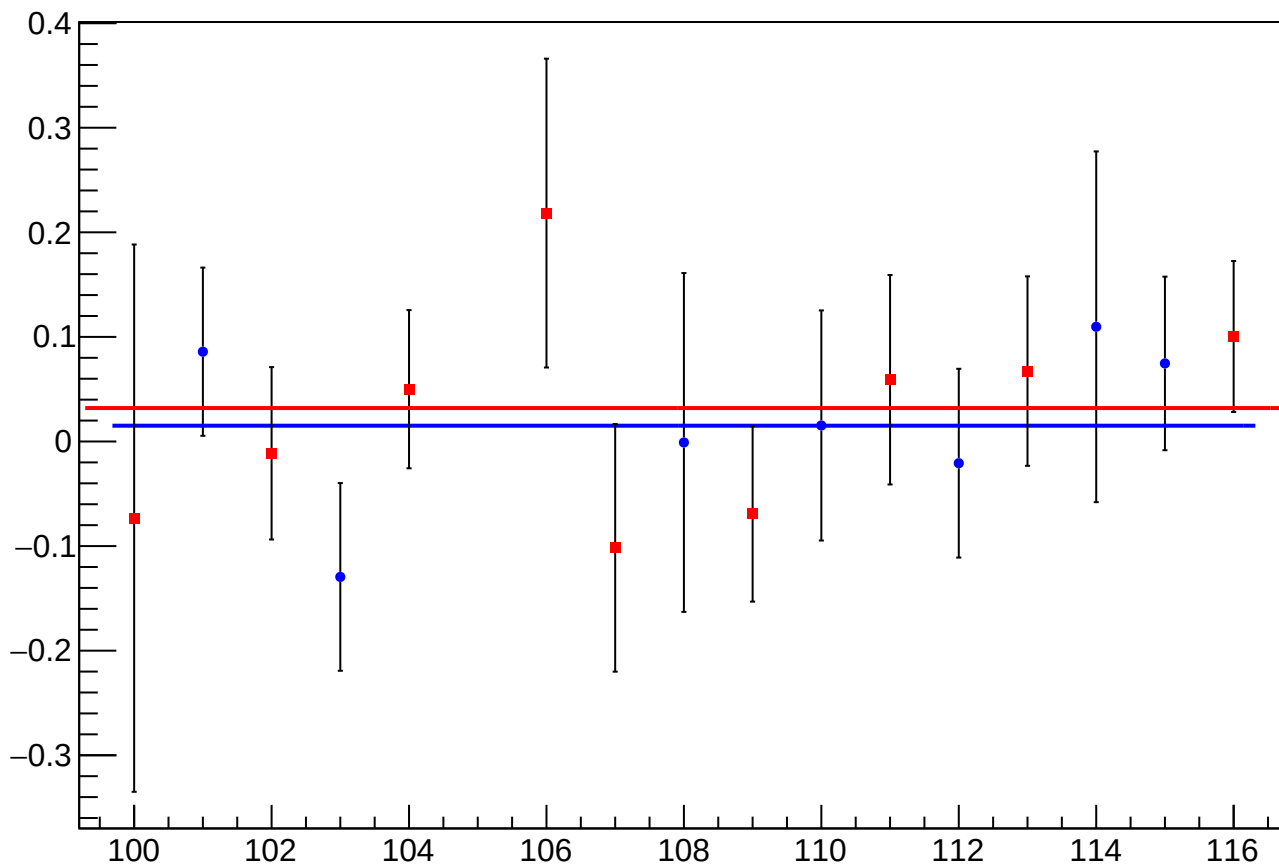
Right: 57.915+/-0.017 χ^2/NDF : 648431.8/15

In: 60.018+/-0.027 χ^2/NDF : 397392.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.915+/-0.017 χ^2/NDF : 648431.8/15

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.038 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.031 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

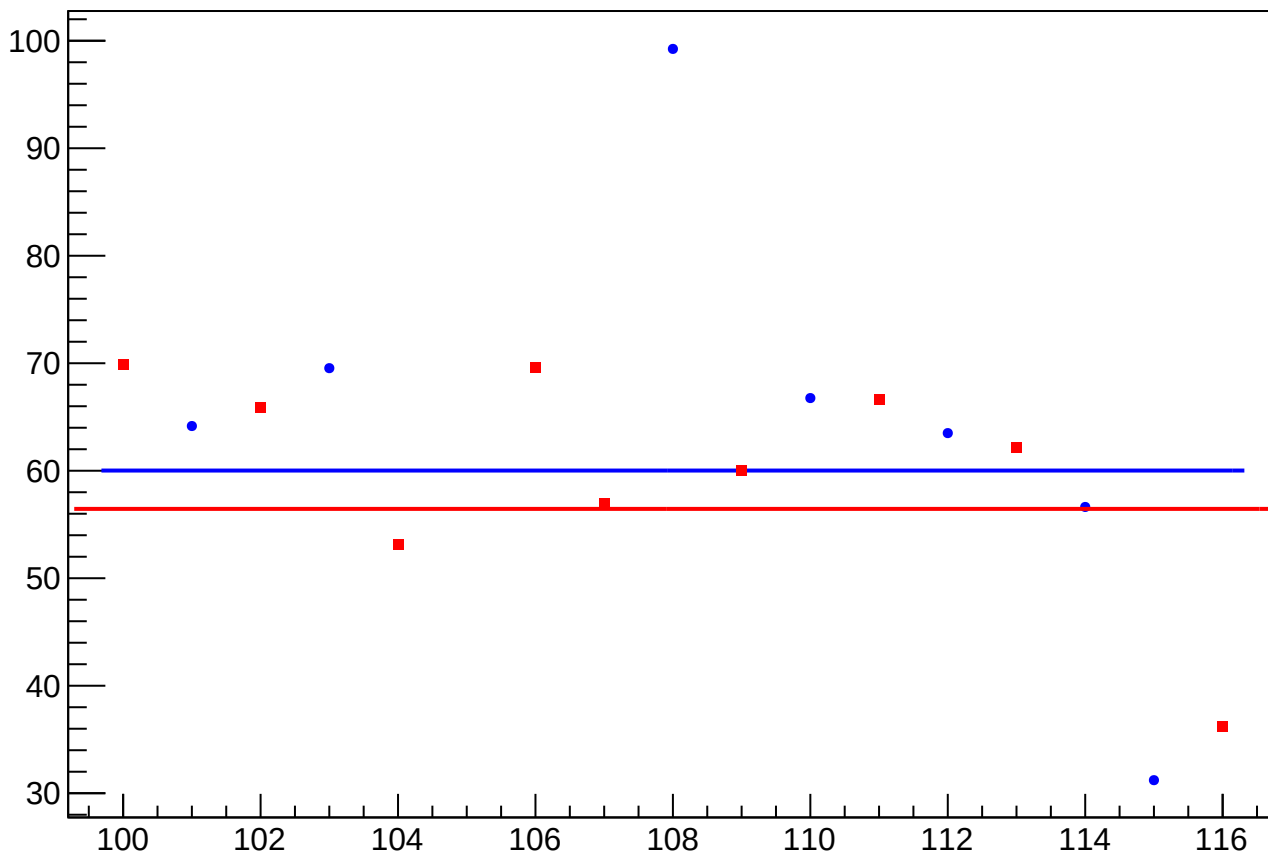
Right: 0.025+/-0.024 χ^2/NDF : 10.4/15

In: 0.015+/-0.038 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.024 χ^2/NDF : 10.4/15

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.018+/-0.027 χ^2/NDF : 397392.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.451+/-0.022 χ^2/NDF : 240490.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

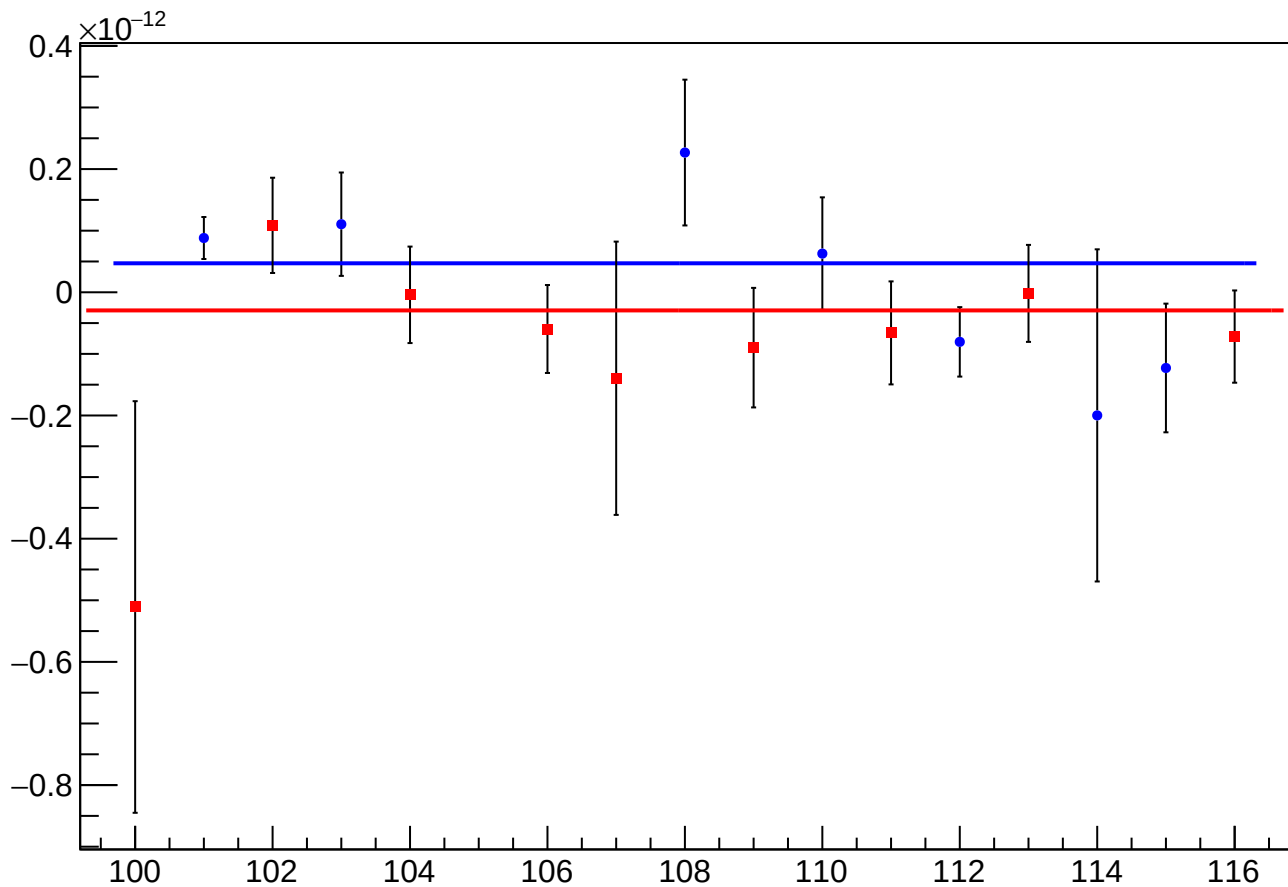
Right: 57.915+/-0.017 χ^2/NDF : 648431.8/15

In: 60.018+/-0.027 χ^2/NDF : 397392.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.915+/-0.017 χ^2/NDF : 648431.8/15

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

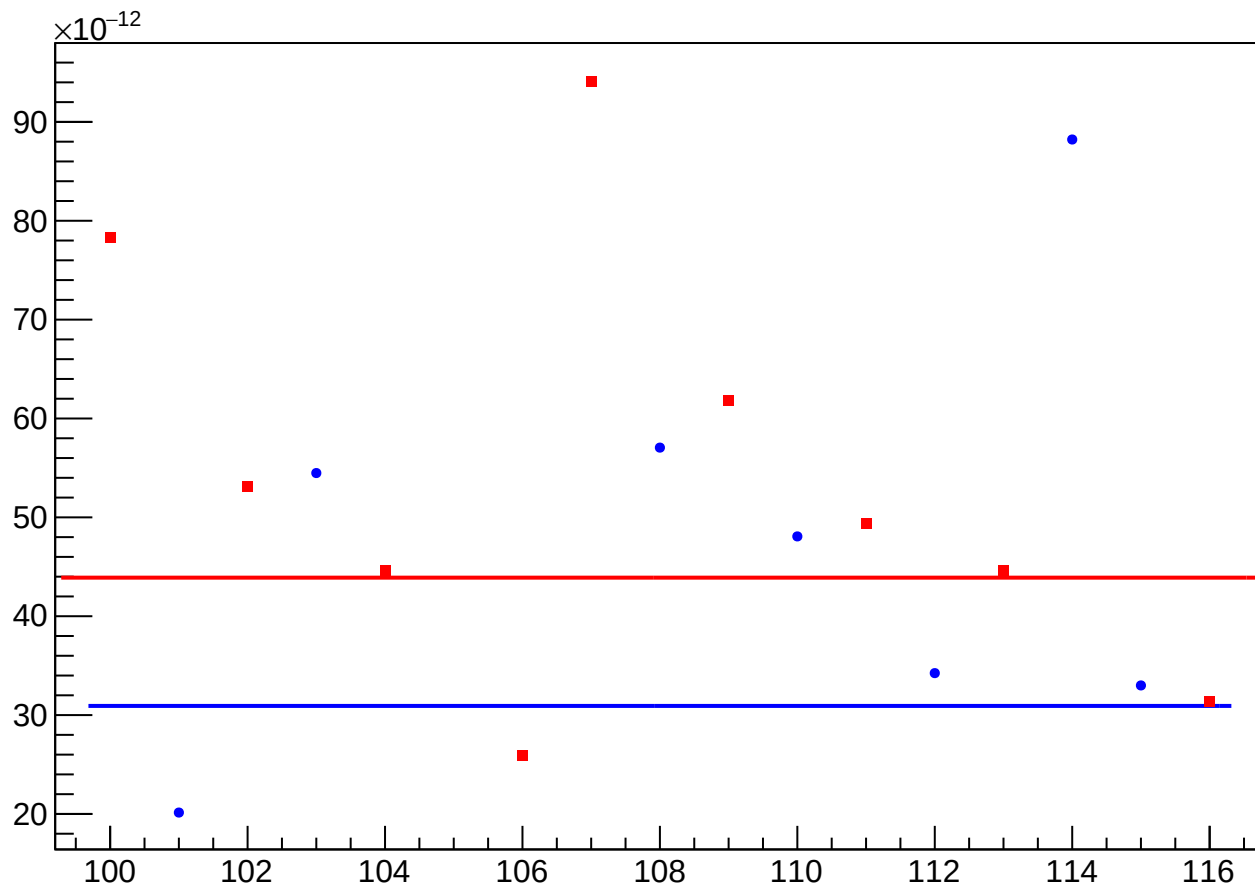
Right: 0.000+/-0.000 χ^2/NDF : 23.7/15

In: 0.000+/-0.000 χ^2/NDF : 13.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/15

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 623960.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 412670.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

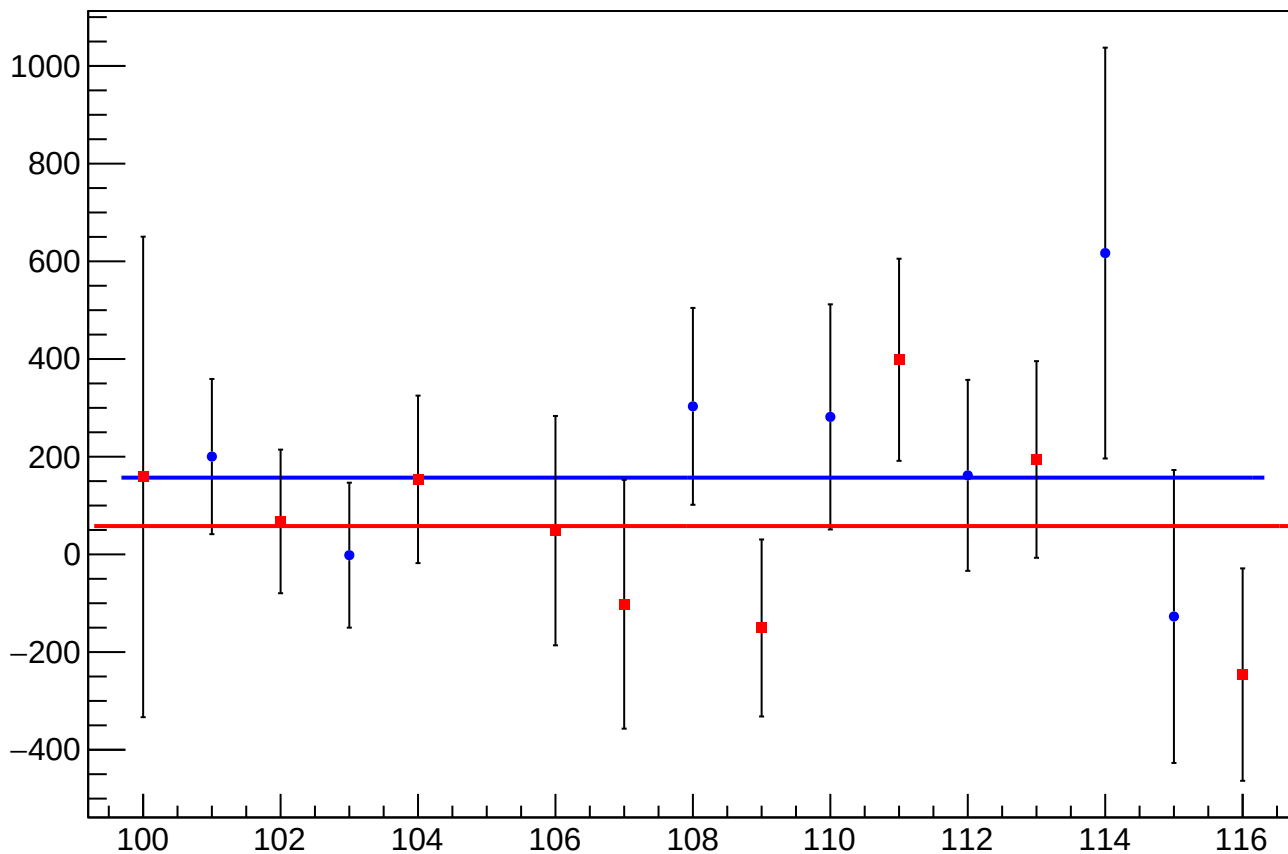
Right: 0.000+/-0.000 χ^2/NDF : 1262135.7/15

In: 0.000+/-0.000 χ^2/NDF : 623960.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1262135.7/15

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 157.133+/-76.376 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.992+/-67.789 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

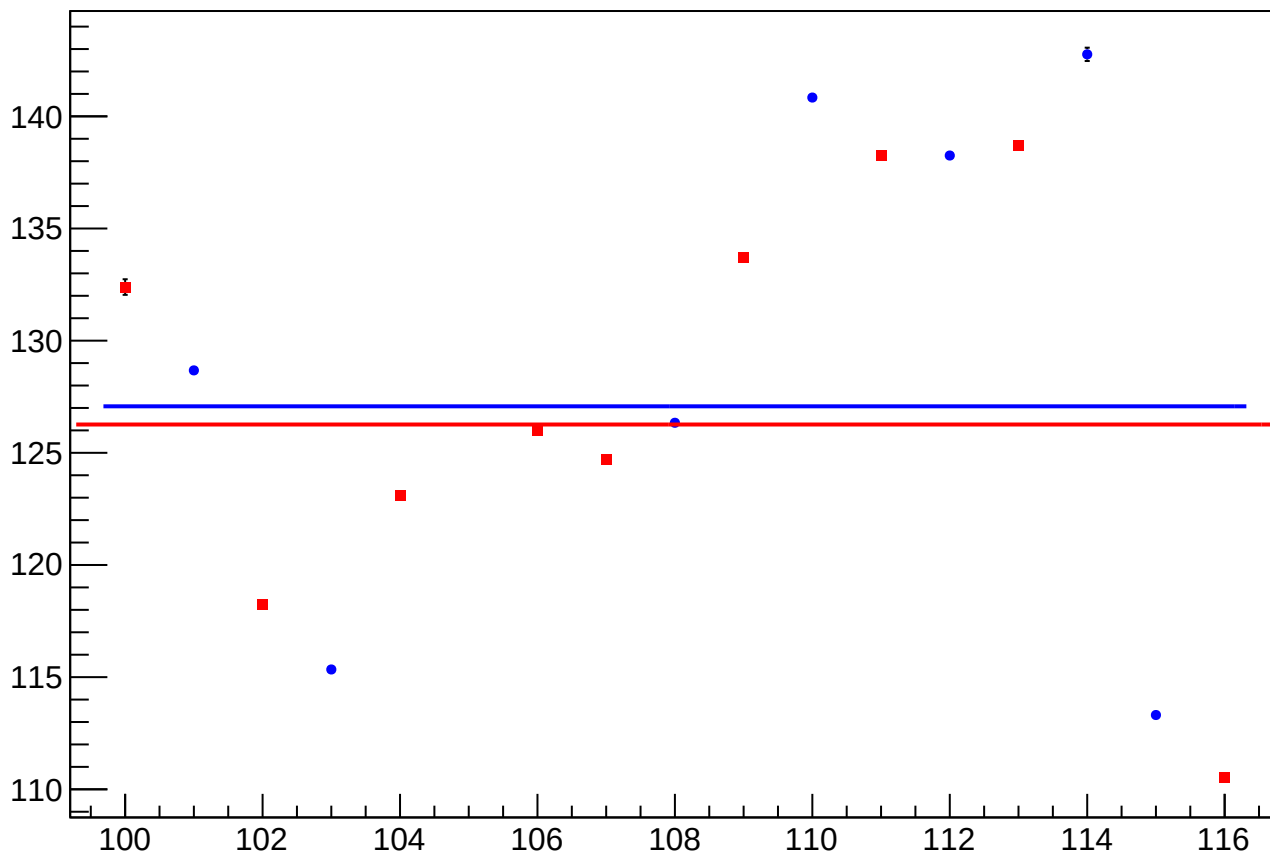
Right: 101.678+/-50.699 χ^2/NDF : 12.3/15

In: 157.133+/-76.376 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.678+/-50.699 χ^2/NDF : 12.3/15

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 127.073+/-0.054 χ^2/NDF : 33400.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.262+/-0.048 χ^2/NDF : 35259.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

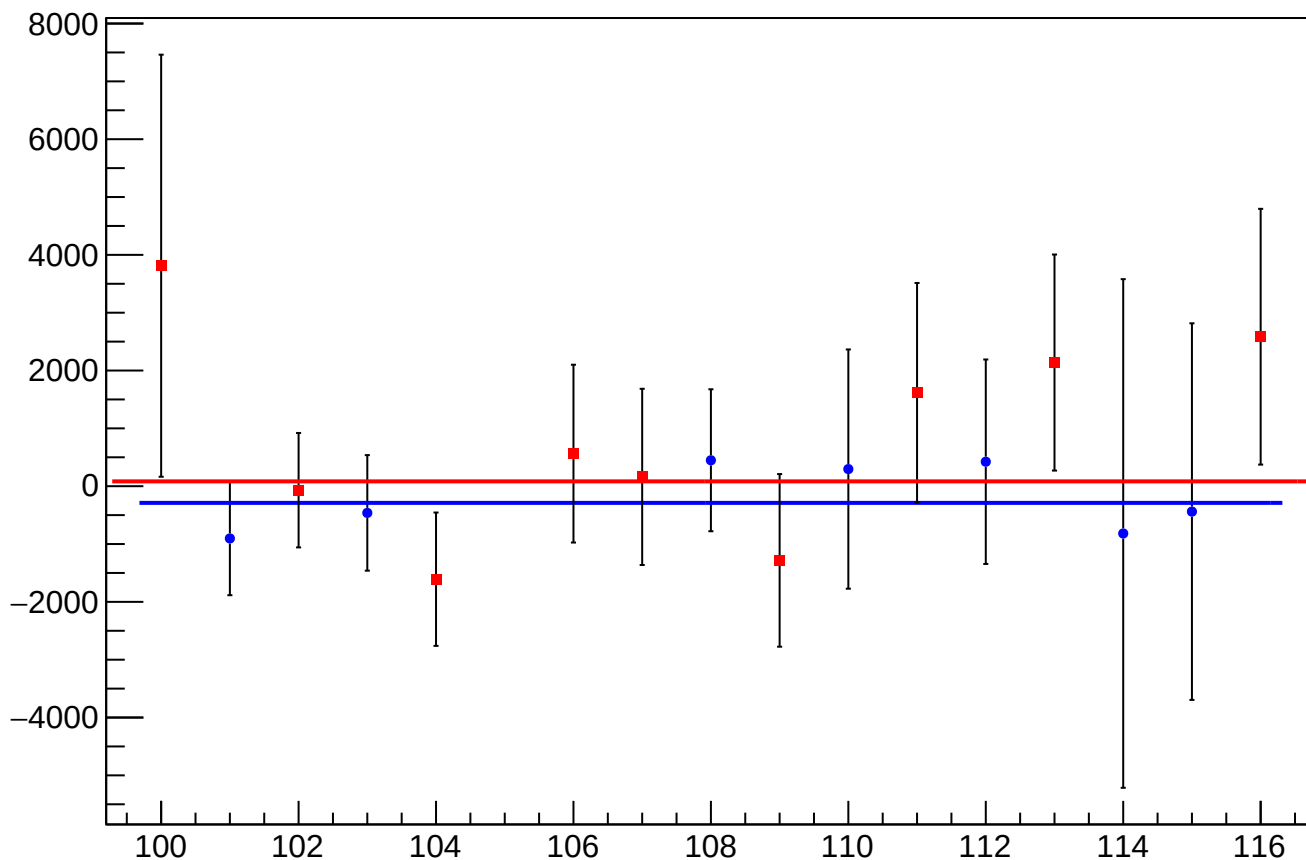
Right: 126.620+/-0.036 χ^2/NDF : 68786.2/15

In: 127.073+/-0.054 χ^2/NDF :33400.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.620+/-0.036 χ^2/NDF : 68786.2/15

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -288.226+/-542.063 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.587+/-505.042 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

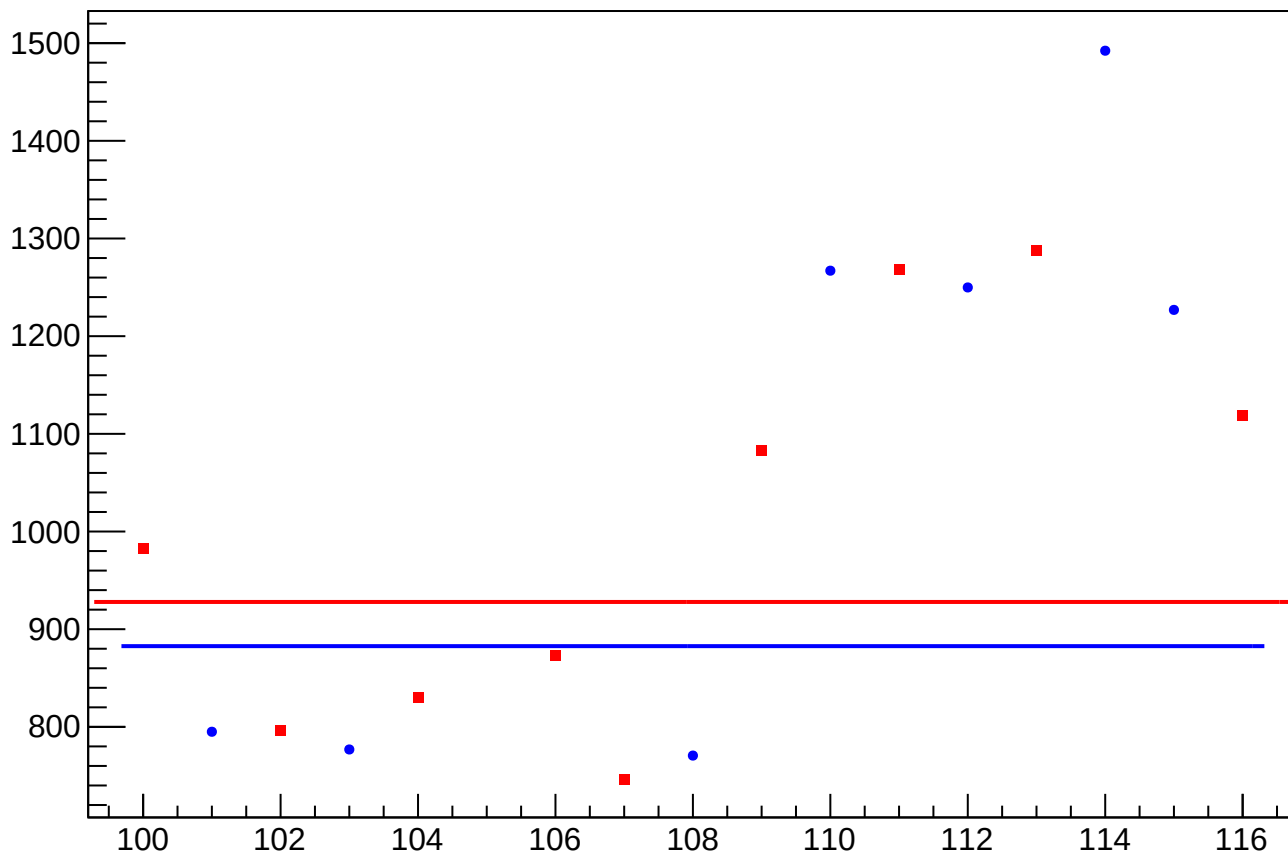
Right: -89.190+/-369.514 χ^2/NDF : 8.6/15

In: -288.226+/-542.063 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.190+/-369.514 χ^2/NDF : 8.6/15

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 882.653+/-0.383 χ^2/NDF : 271201.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.889+/-0.357 χ^2/NDF : 256423.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

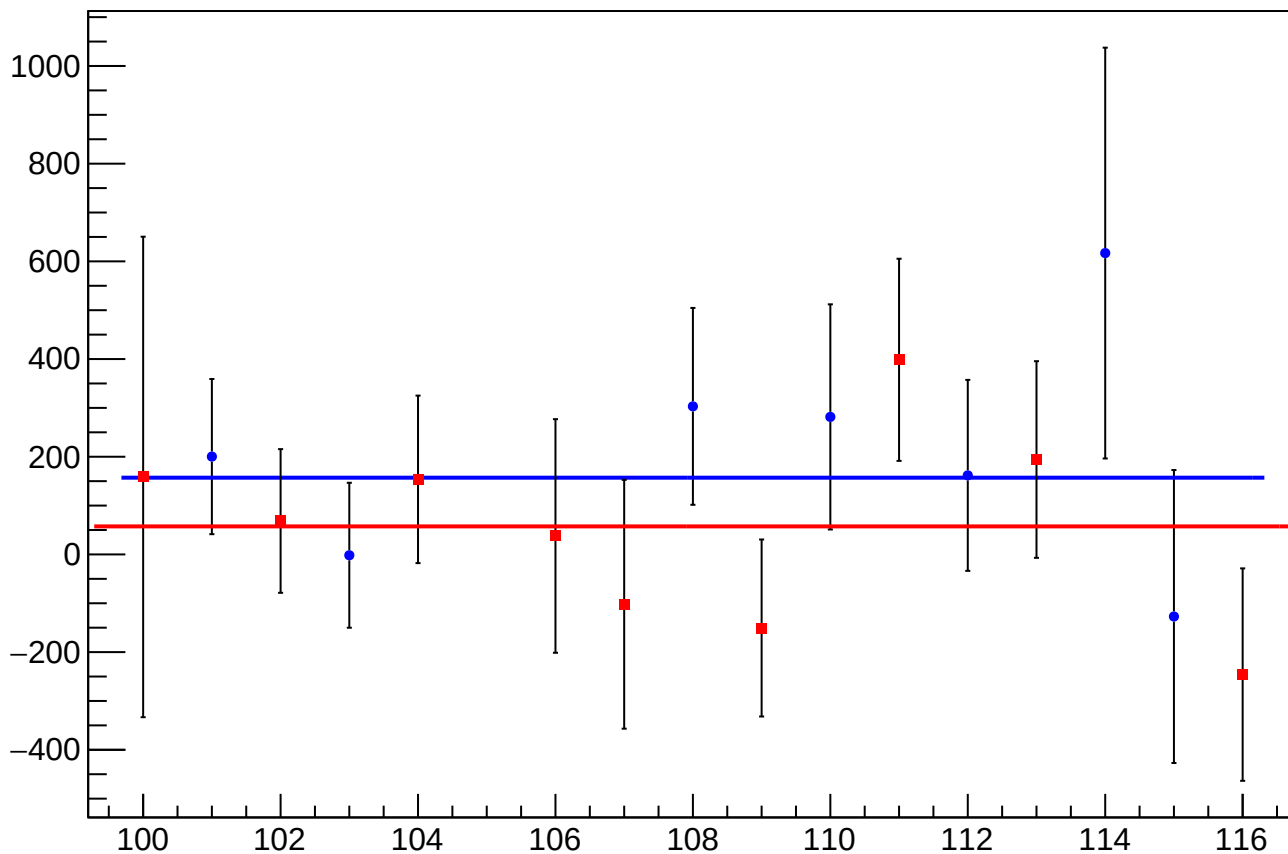
Right: 906.868+/-0.261 χ^2/NDF : 535080.8/15

In: 882.653+/-0.383 χ^2/NDF : 271201.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.868+/-0.261 χ^2/NDF : 535080.8/15

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 157.115 $\pm$ 76.376 χ^2 /NDF: 4.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.386 $\pm$ 67.896 χ^2 /NDF: 7.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

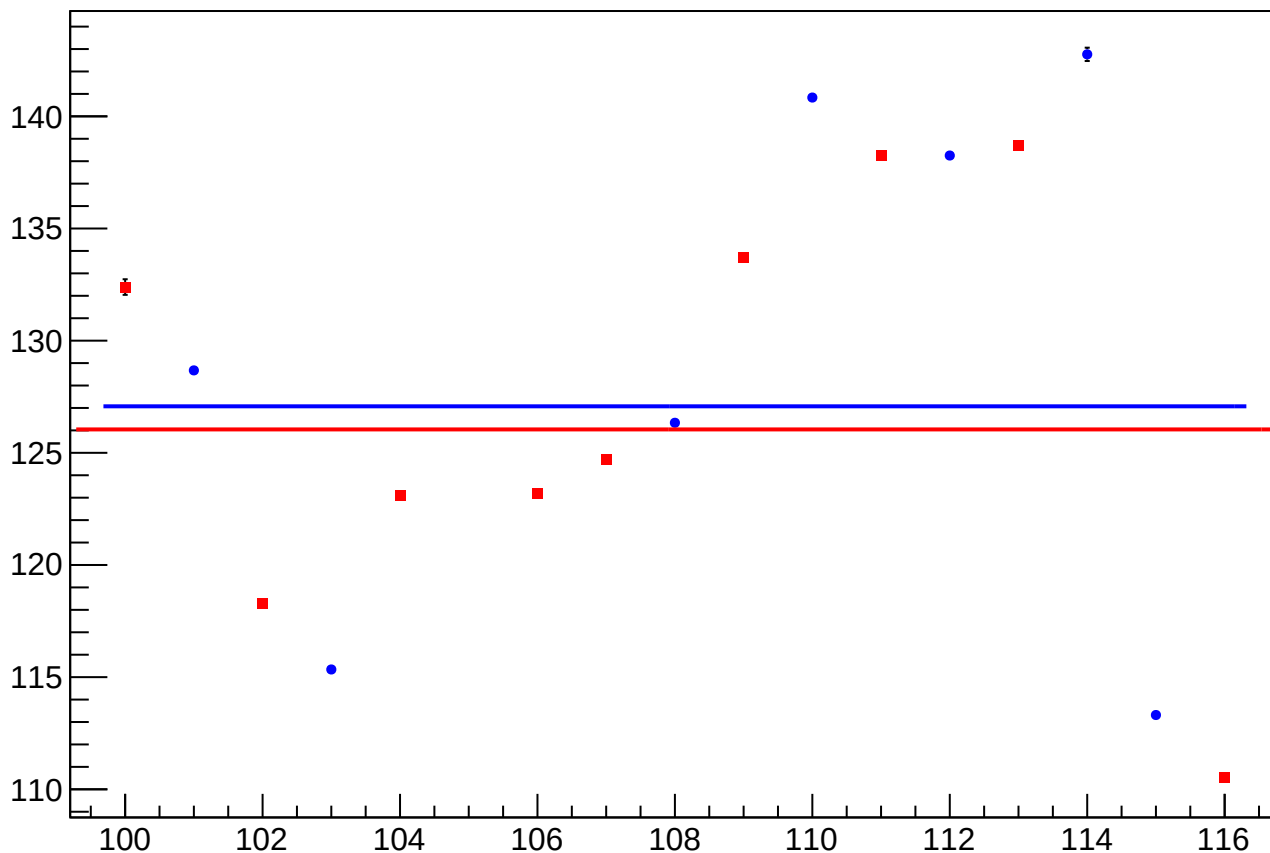
Right: 101.409 $\pm$ 50.744 χ^2 /NDF: 12.3/15

In: 157.115 $\pm$ 76.376 χ^2 /NDF:4.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.409 $\pm$ 50.744 χ^2 /NDF: 12.3/15

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 127.073+/-0.054 χ^2/NDF : 33400.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.043+/-0.048 χ^2/NDF : 35509.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

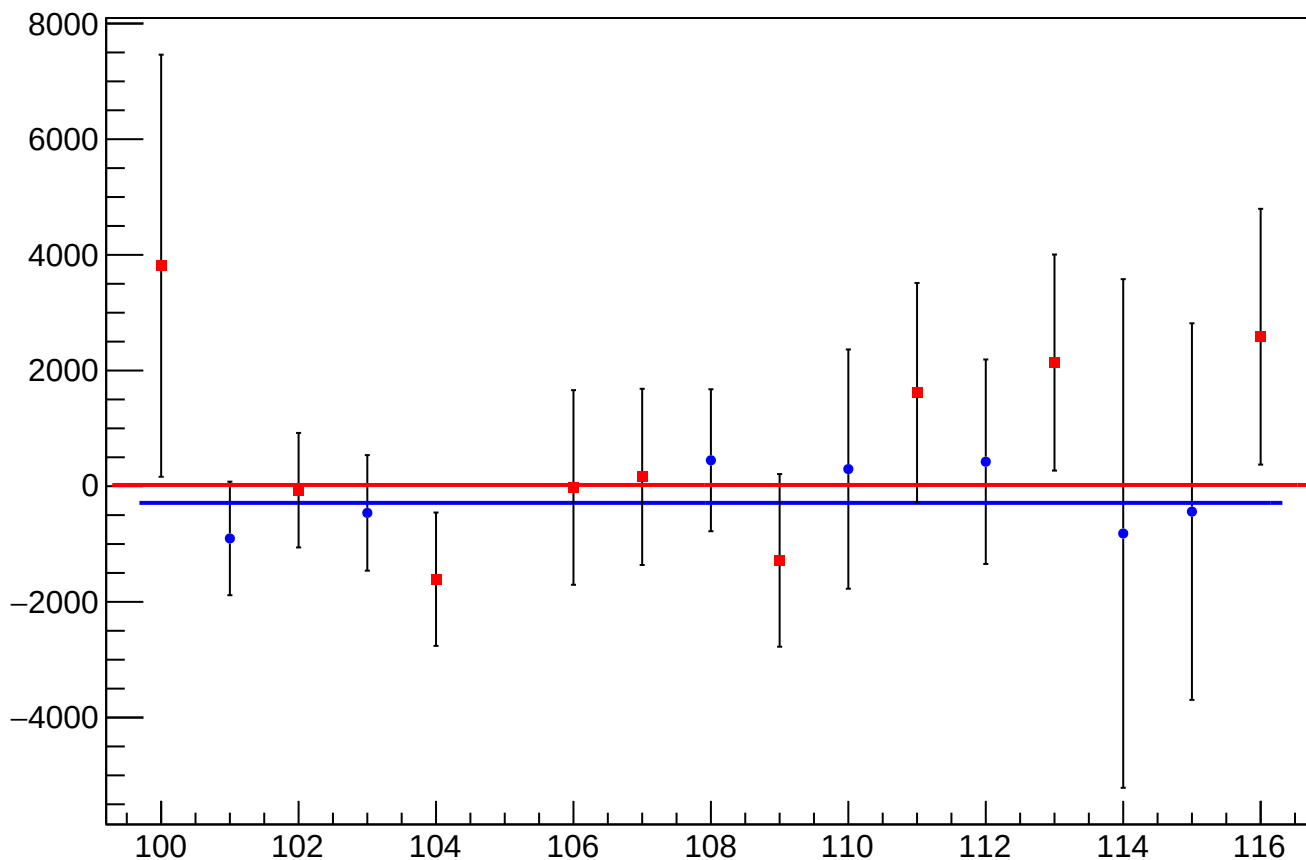
Right: 126.498+/-0.036 χ^2/NDF : 69113.0/15

In: 127.073+/-0.054 χ^2/NDF : 33400.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.498+/-0.036 χ^2/NDF : 69113.0/15

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -288.159+/-542.068 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.346+/-509.690 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

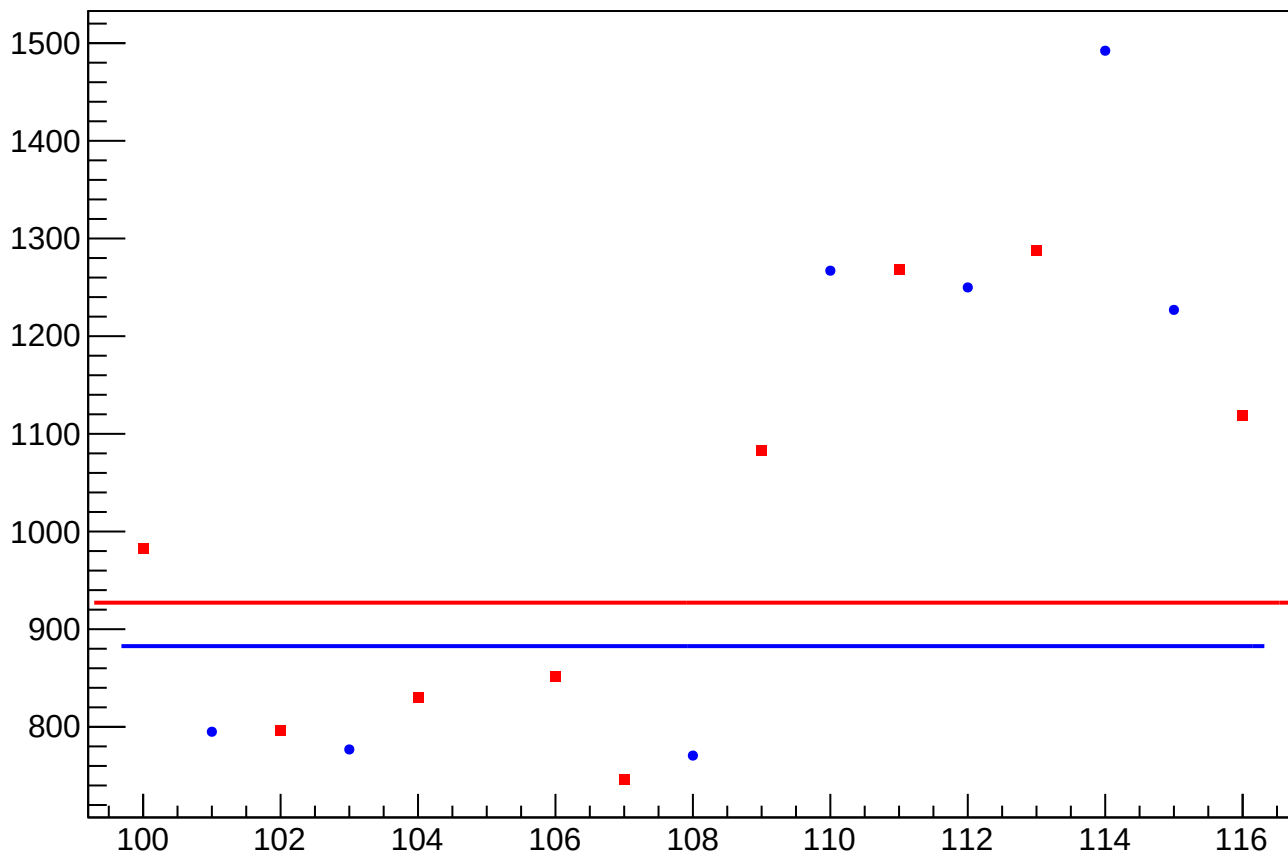
Right: -123.888+/-371.324 χ^2/NDF : 8.4/15

In: -288.159+/-542.068 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.888+/-371.324 χ^2/NDF : 8.4/15

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 882.661+/-0.383 χ^2/NDF : 271191.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.152+/-0.360 χ^2/NDF : 257615.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

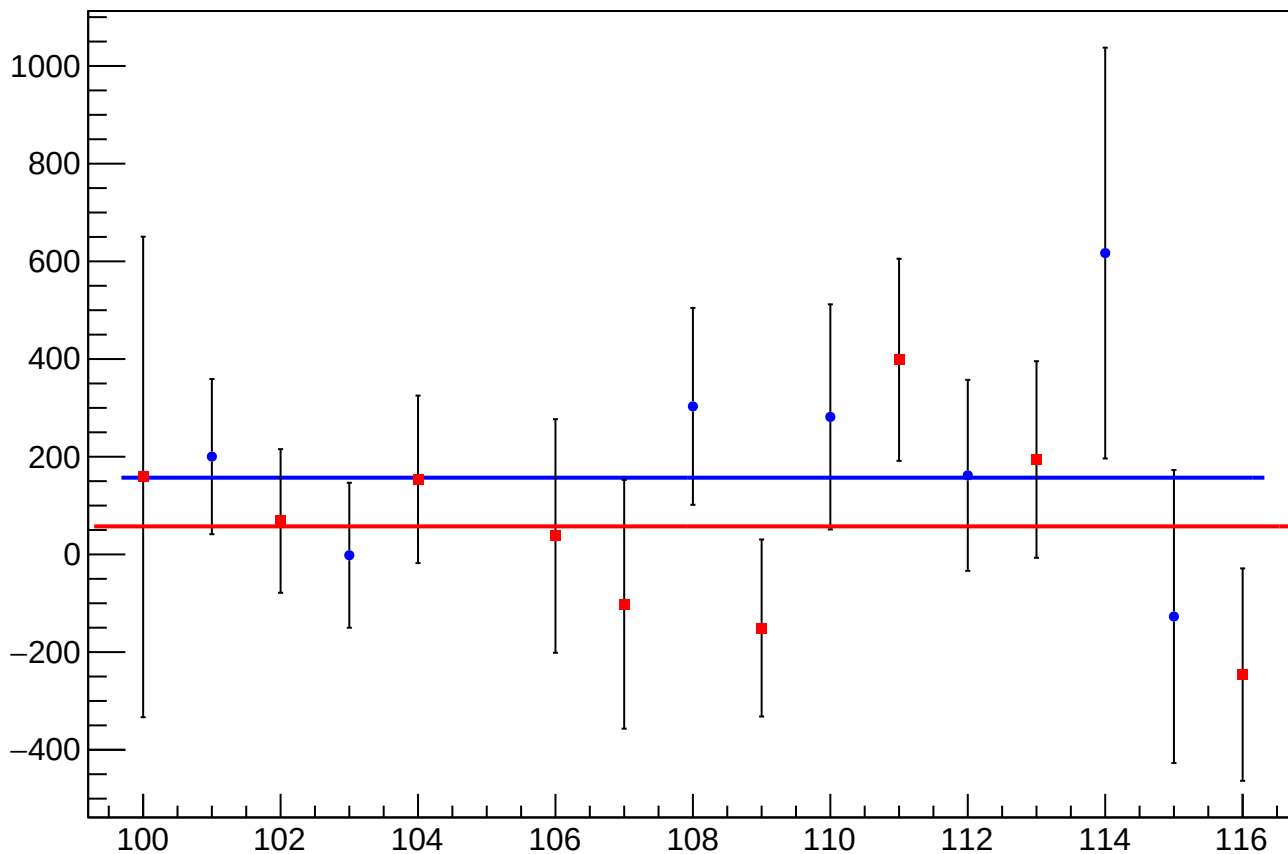
Right: 906.275+/-0.263 χ^2/NDF : 535958.3/15

In: 882.661+/-0.383 χ^2/NDF : 271191.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.275+/-0.263 χ^2/NDF : 535958.3/15

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 157.115+/-76.376 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.386+/-67.896 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

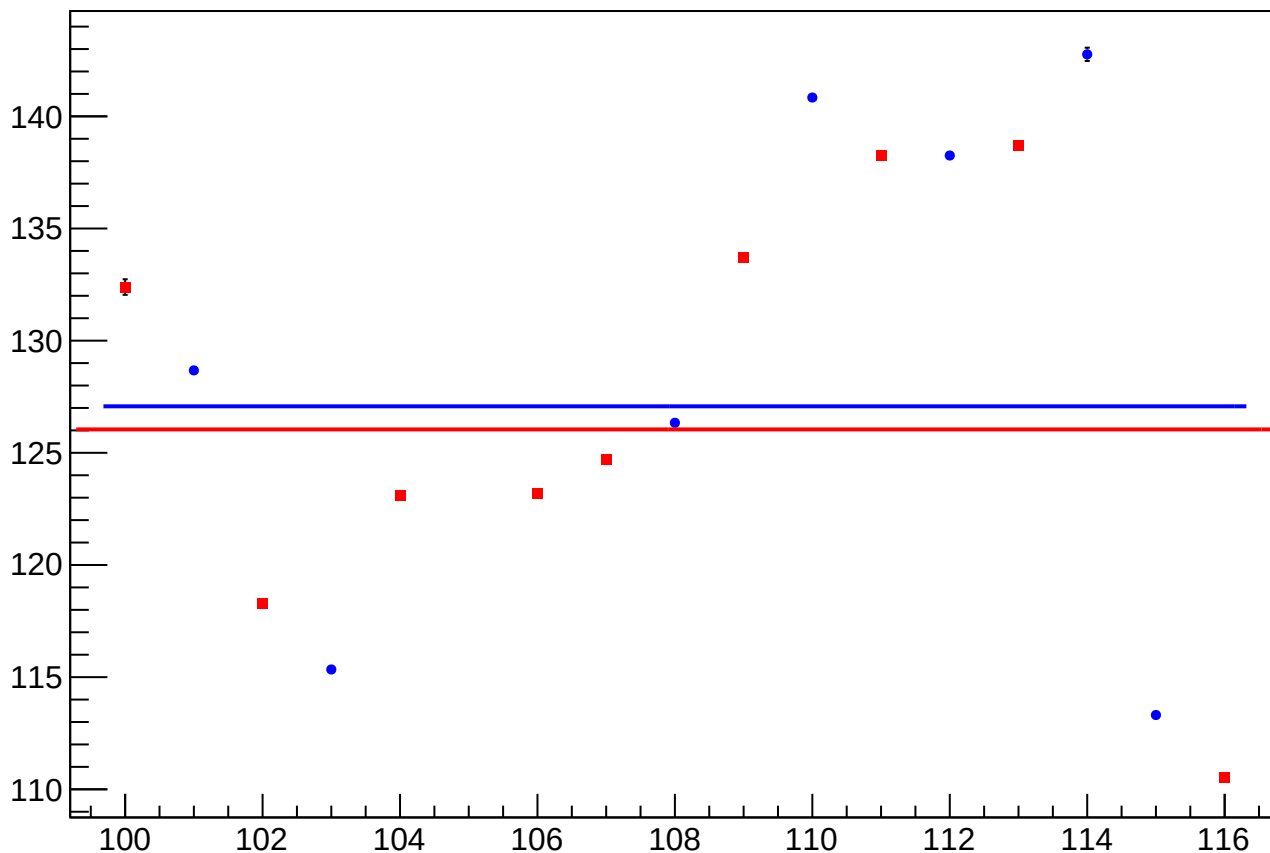
Right: 101.409+/-50.744 χ^2/NDF : 12.3/15

In: 157.115+/-76.376 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.409+/-50.744 χ^2/NDF : 12.3/15

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 127.073+/-0.054 χ^2/NDF : 33400.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.043+/-0.048 χ^2/NDF : 35509.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

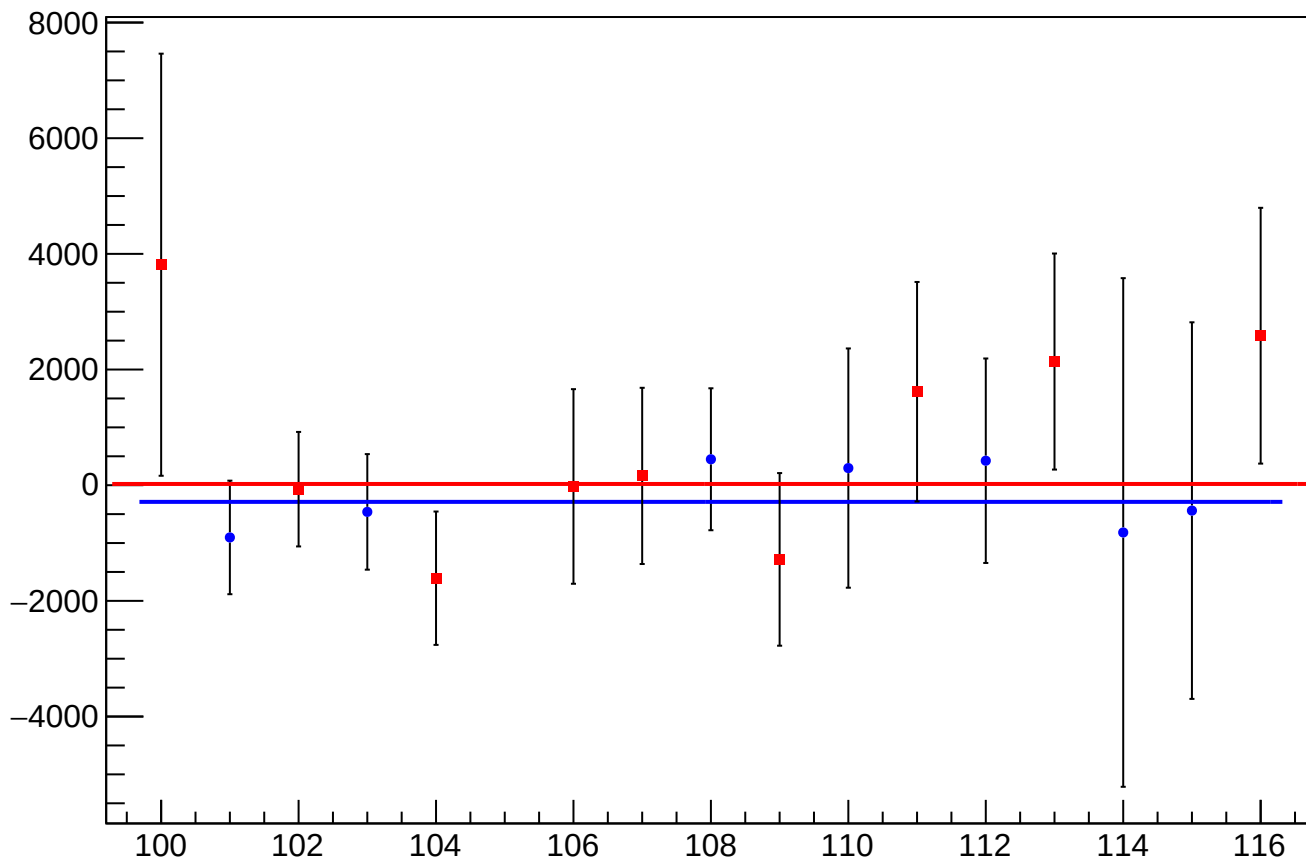
Right: 126.498+/-0.036 χ^2/NDF : 69113.0/15

In: 127.073+/-0.054 χ^2/NDF : 33400.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.498+/-0.036 χ^2/NDF : 69113.0/15

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -288.159+/-542.068 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.346+/-509.690 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

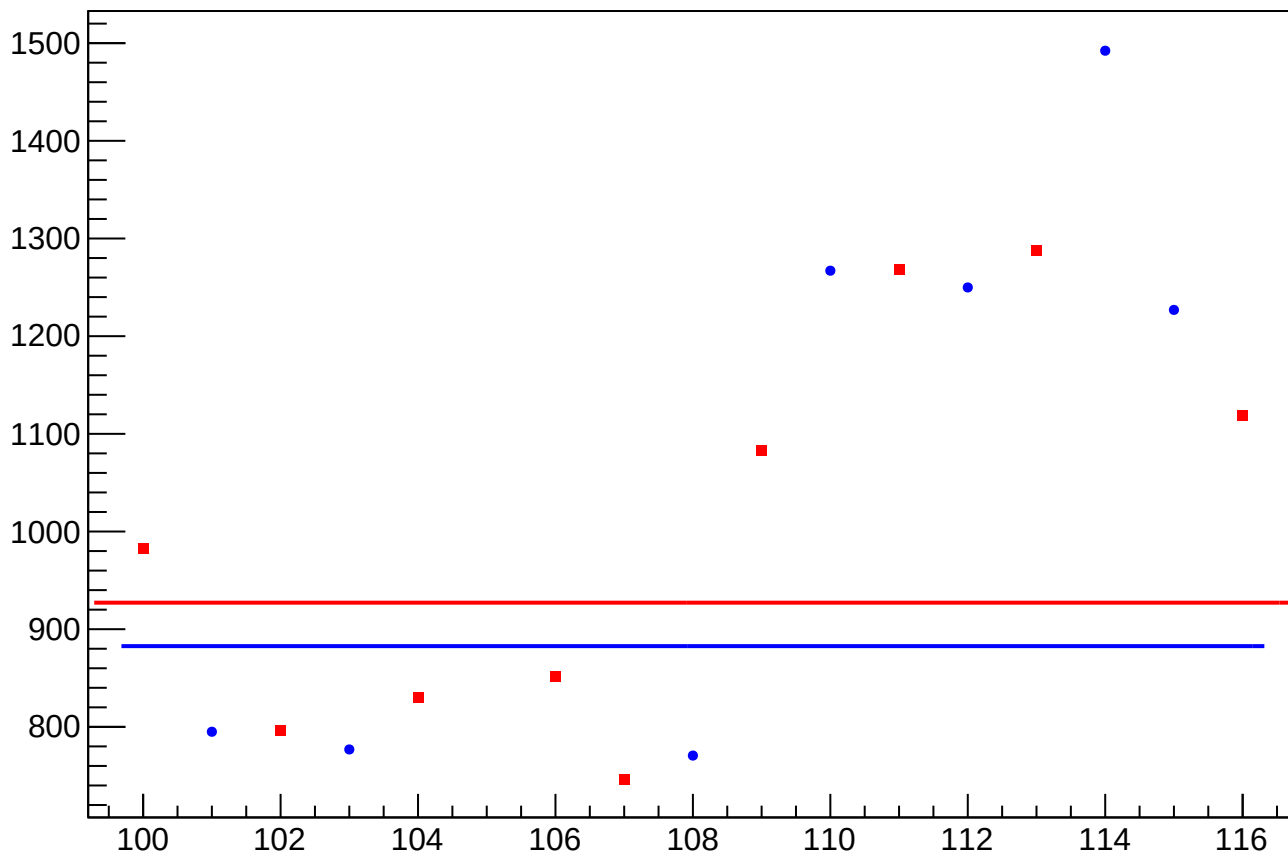
Right: -123.888+/-371.324 χ^2/NDF : 8.4/15

In: -288.159+/-542.068 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.888+/-371.324 χ^2/NDF : 8.4/15

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 882.661+/-0.383 χ^2/NDF : 271191.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.152+/-0.360 χ^2/NDF : 257615.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

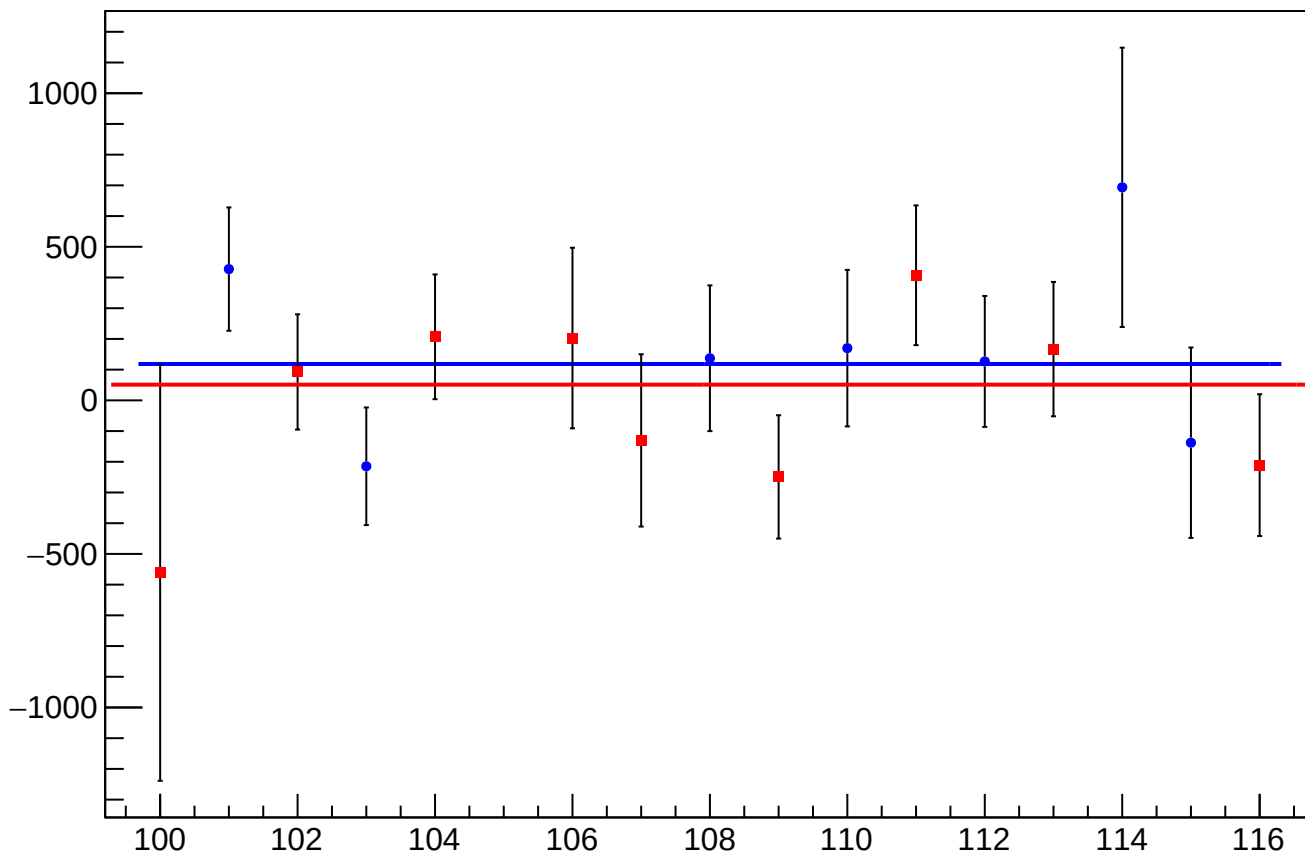
Right: 906.275+/-0.263 χ^2/NDF : 535958.3/15

In: 882.661+/-0.383 χ^2/NDF : 271191.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.275+/-0.263 χ^2/NDF : 535958.3/15

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 118.403 $\pm$ 90.356 χ^2 /NDF: 7.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.107 $\pm$ 78.361 χ^2 /NDF: 8.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

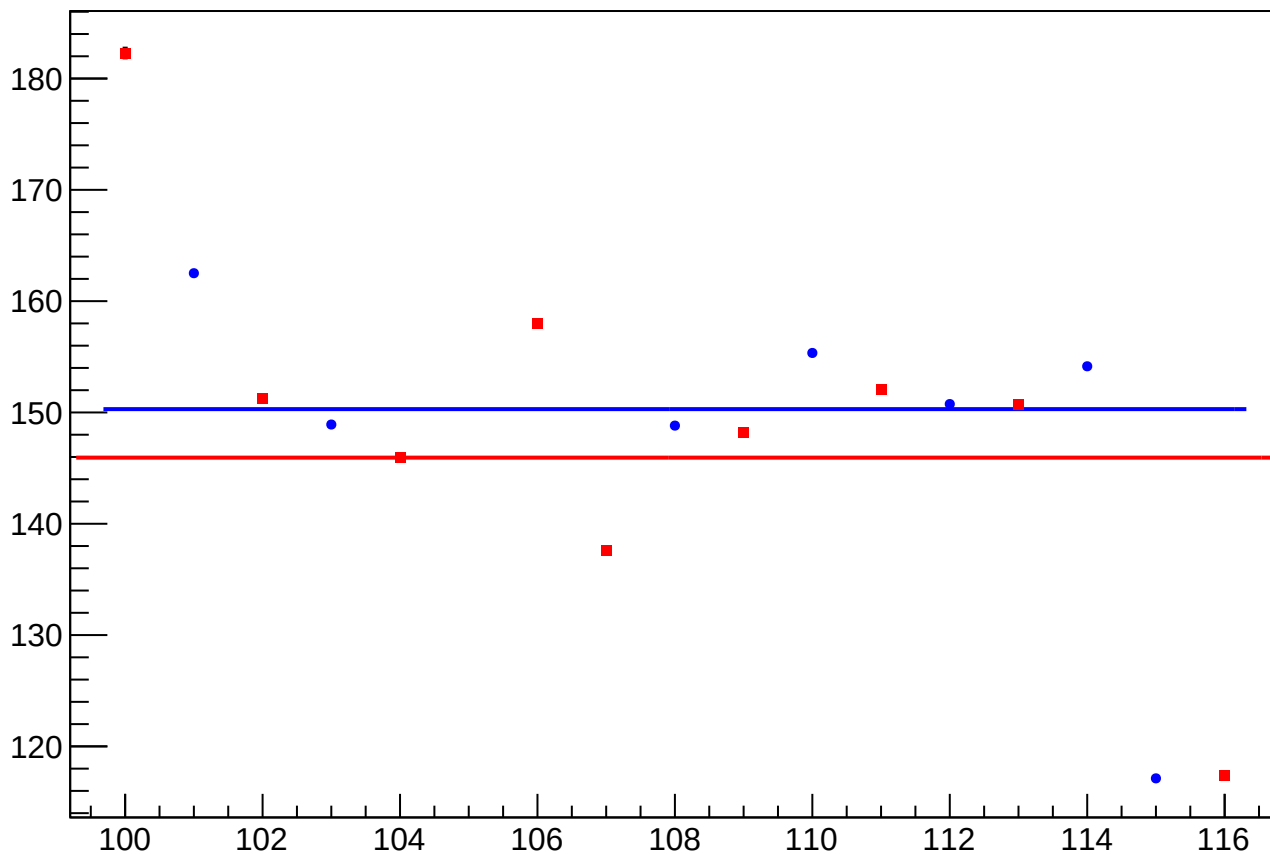
Right: 79.995 $\pm$ 59.200 χ^2 /NDF: 16.4/15

In: 118.403 $\pm$ 90.356 χ^2 /NDF: 7.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.995 $\pm$ 59.200 χ^2 /NDF: 16.4/15

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 150.299 $\pm$ 0.064 χ^2 /NDF: 31411.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.942 $\pm$ 0.055 χ^2 /NDF: 45822.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

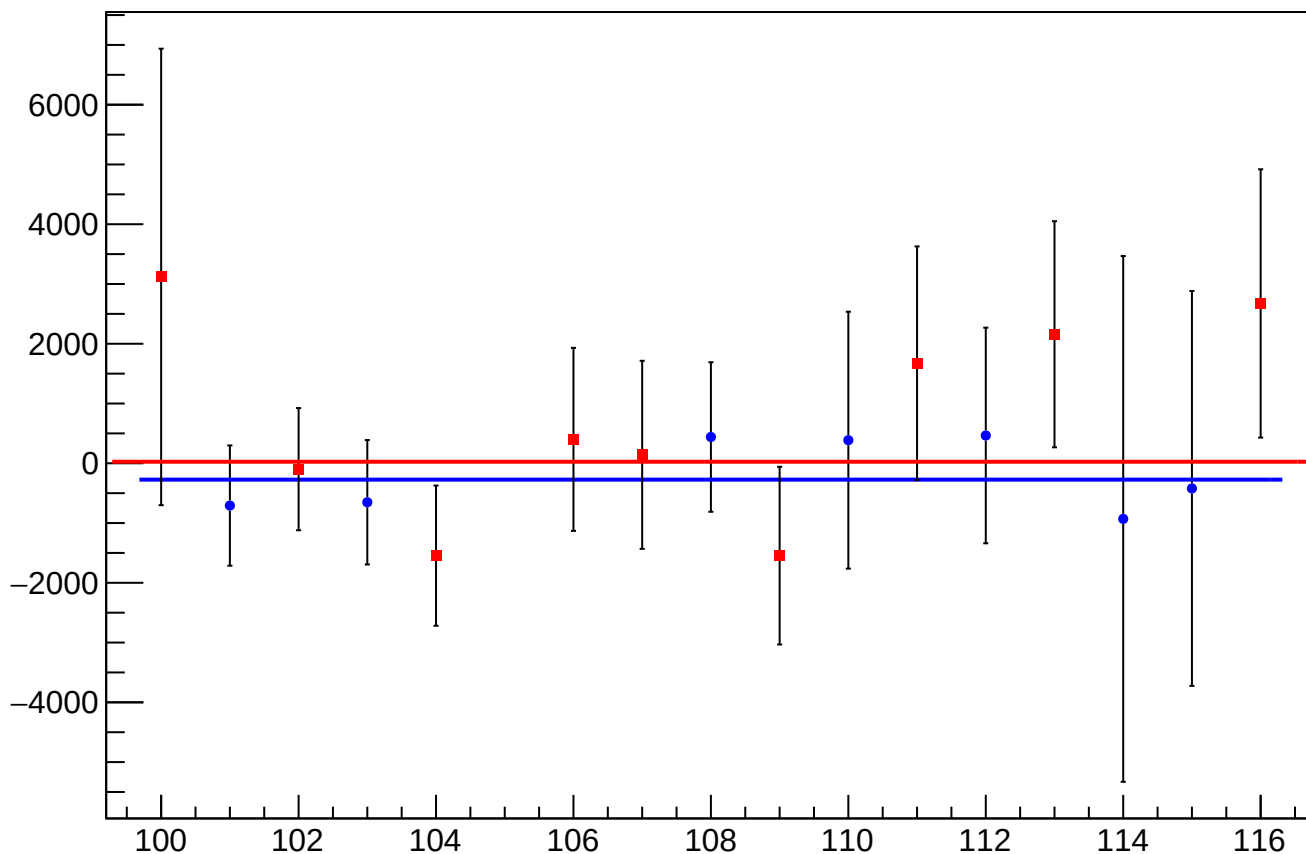
Right: 147.812 $\pm$ 0.042 χ^2 /NDF: 79888.4/15

In: 150.299 $\pm$ 0.064 χ^2 /NDF:31411.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.812 $\pm$ 0.042 χ^2 /NDF: 79888.4/15

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -273.659+/-557.562 χ^2/NDF : 0.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.841+/-514.792 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

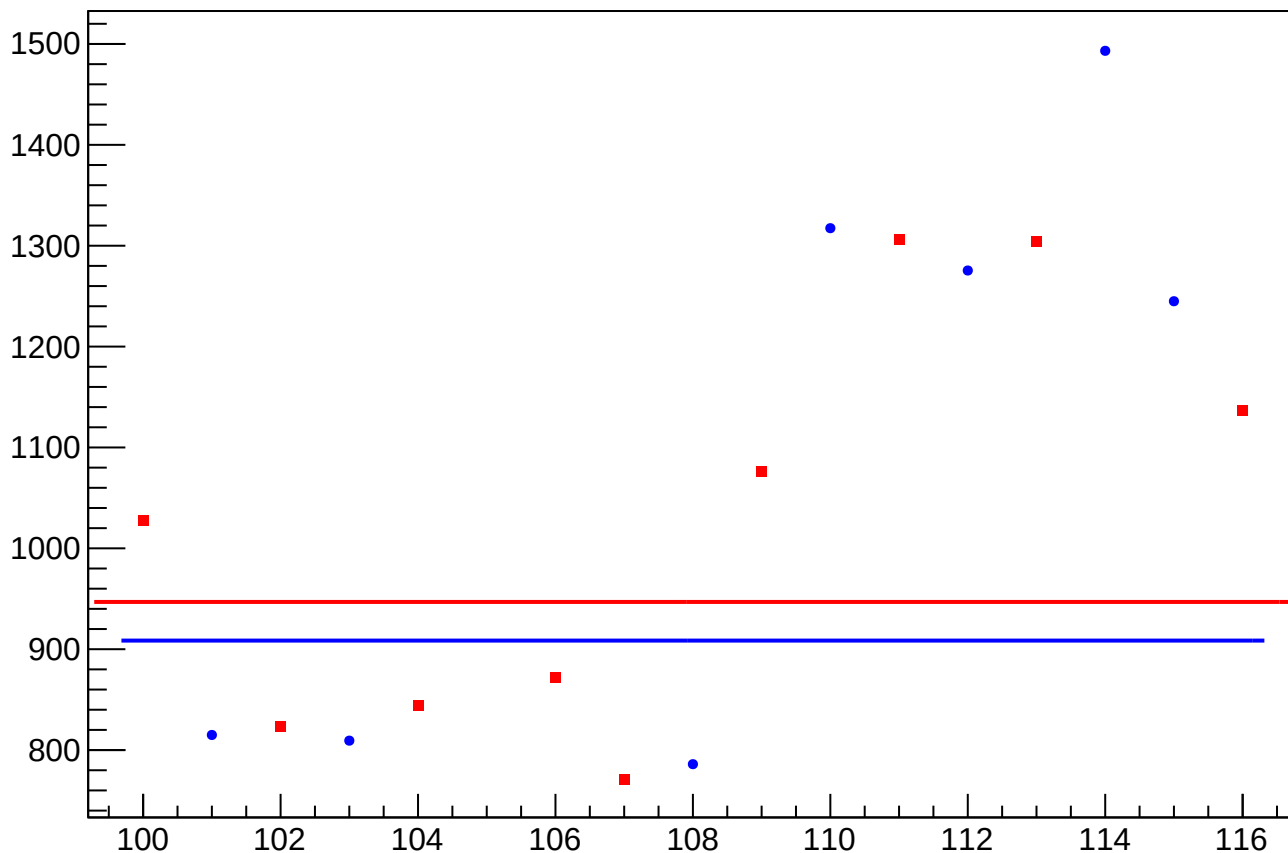
Right: -111.983+/-378.231 χ^2/NDF : 8.1/15

In: -273.659+/-557.562 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.983+/-378.231 χ^2/NDF : 8.1/15

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 908.544+/-0.394 χ^2/NDF : 265770.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.858+/-0.364 χ^2/NDF : 243382.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

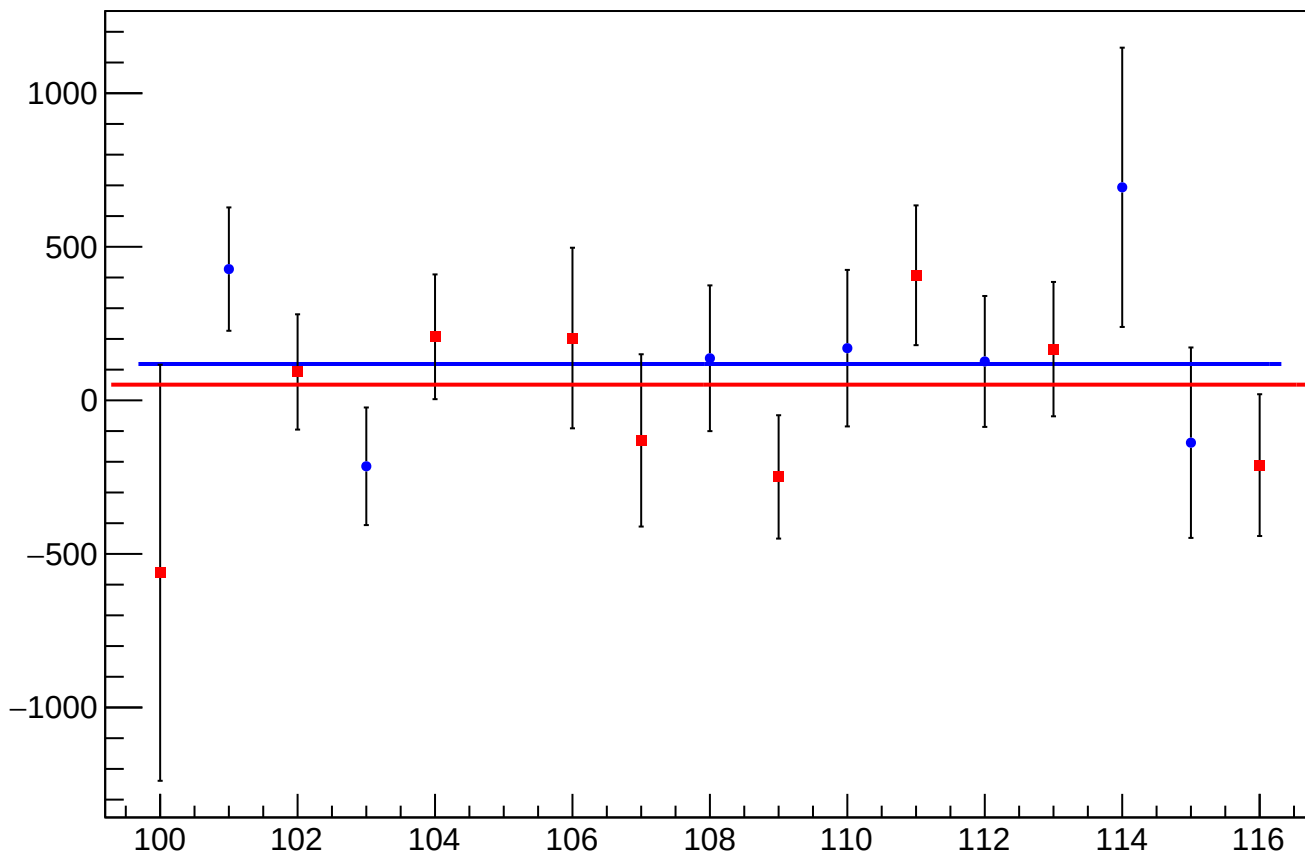
Right: 929.227+/-0.267 χ^2/NDF : 514251.3/15

In: 908.544+/-0.394 χ^2/NDF : 265770.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.227+/-0.267 χ^2/NDF : 514251.3/15

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 118.399 $\pm$ 90.355 χ^2 /NDF: 7.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.108 $\pm$ 78.361 χ^2 /NDF: 8.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

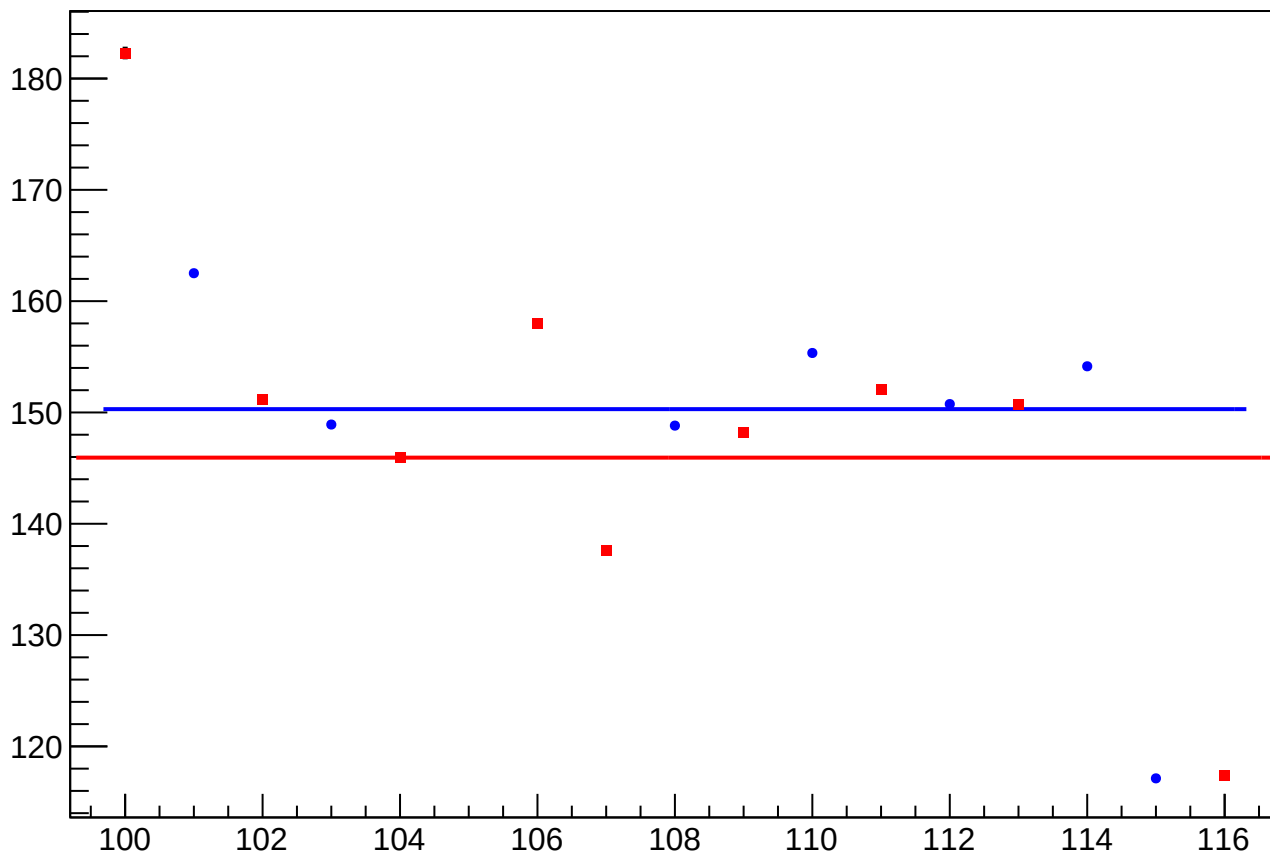
Right: 79.994 $\pm$ 59.199 χ^2 /NDF: 16.4/15

In: 118.399 $\pm$ 90.355 χ^2 /NDF: 7.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.994 $\pm$ 59.199 χ^2 /NDF: 16.4/15

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 150.298 $\pm$ 0.064 χ^2 /NDF: 31409.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.941 $\pm$ 0.055 χ^2 /NDF: 45819.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

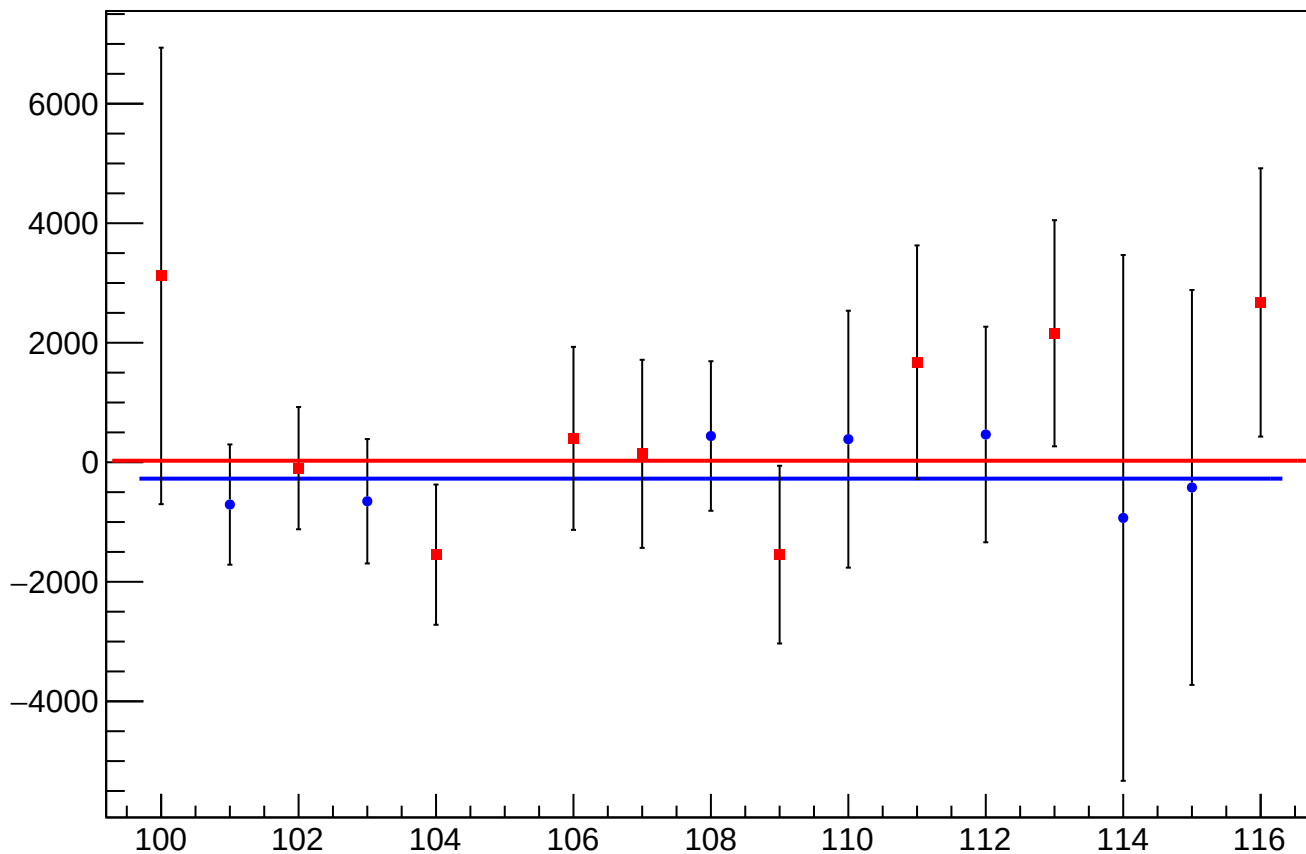
Right: 147.812 $\pm$ 0.042 χ^2 /NDF: 79883.2/15

In: 150.298 $\pm$ 0.064 χ^2 /NDF:31409.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.812 $\pm$ 0.042 χ^2 /NDF: 79883.2/15

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -273.662 $\pm$ 557.561 χ^2 /NDF: 0.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.840 $\pm$ 514.791 χ^2 /NDF: 7.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

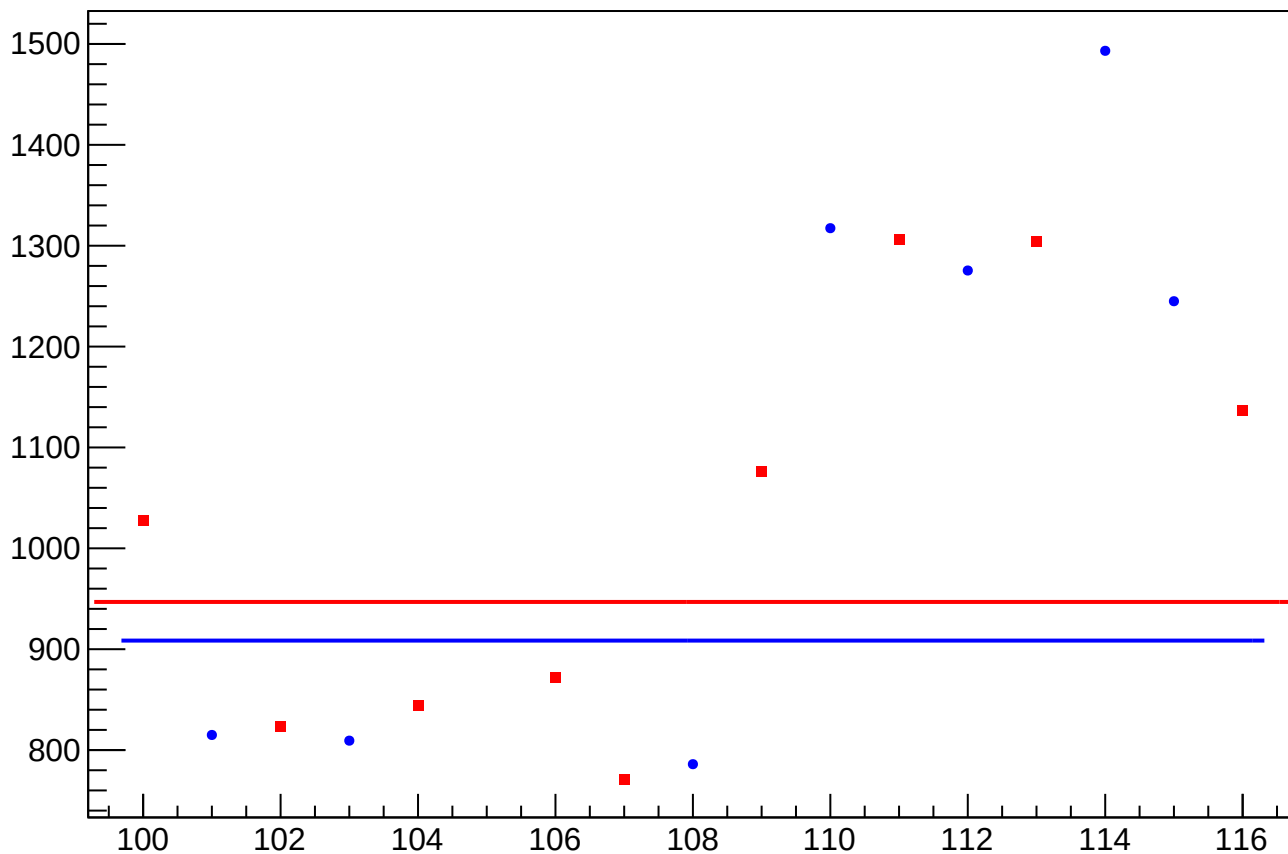
Right: -111.985 $\pm$ 378.230 χ^2 /NDF: 8.1/15

In: -273.662 $\pm$ 557.561 χ^2 /NDF:0.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -111.985 $\pm$ 378.230 χ^2 /NDF: 8.1/15

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 908.542+/-0.394 χ^2/NDF : 265768.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.855+/-0.364 χ^2/NDF : 243381.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

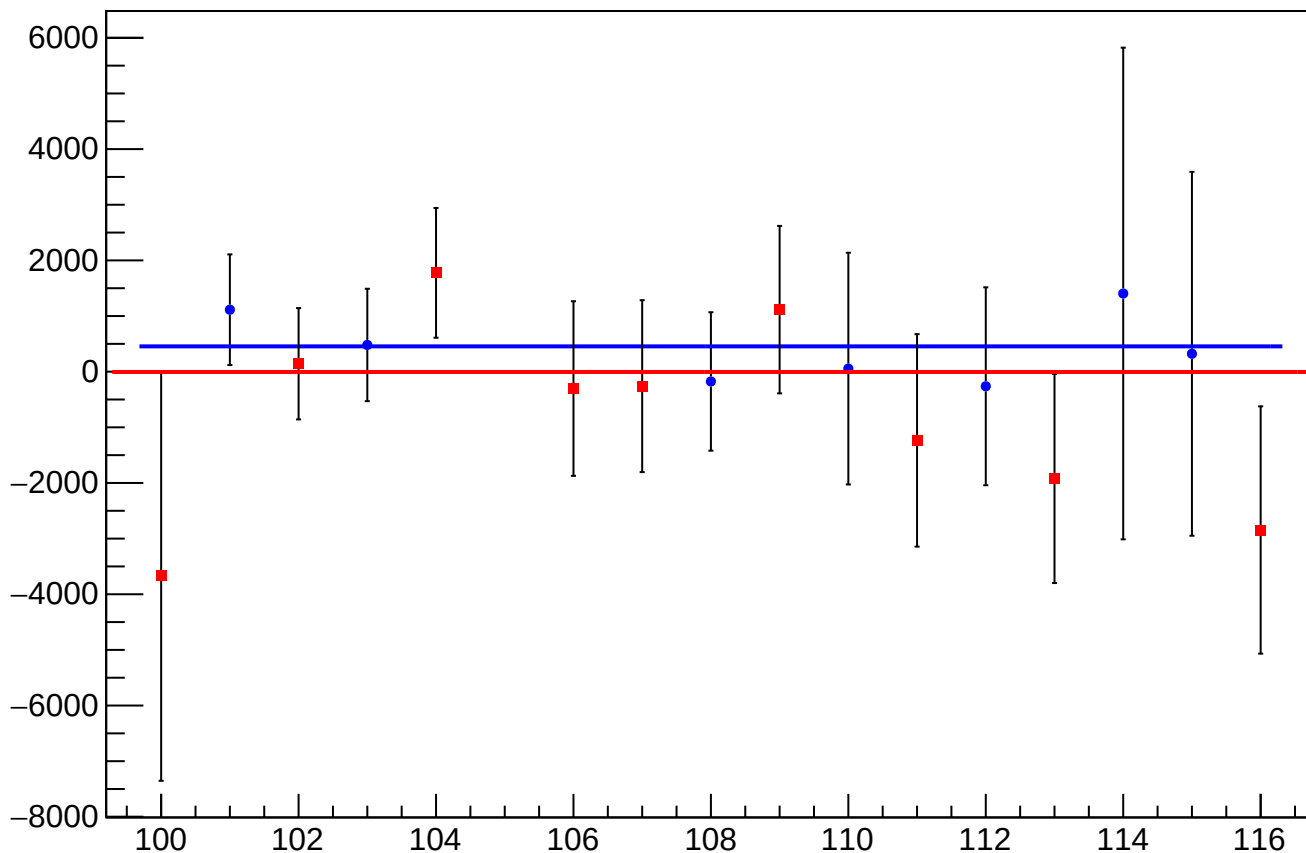
Right: 929.224+/-0.267 χ^2/NDF : 514248.5/15

In: 908.542+/-0.394 χ^2/NDF : 265768.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.224+/-0.267 χ^2/NDF : 514248.5/15

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 455.003+/-548.110 χ^2/NDF : 0.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.298+/-510.609 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

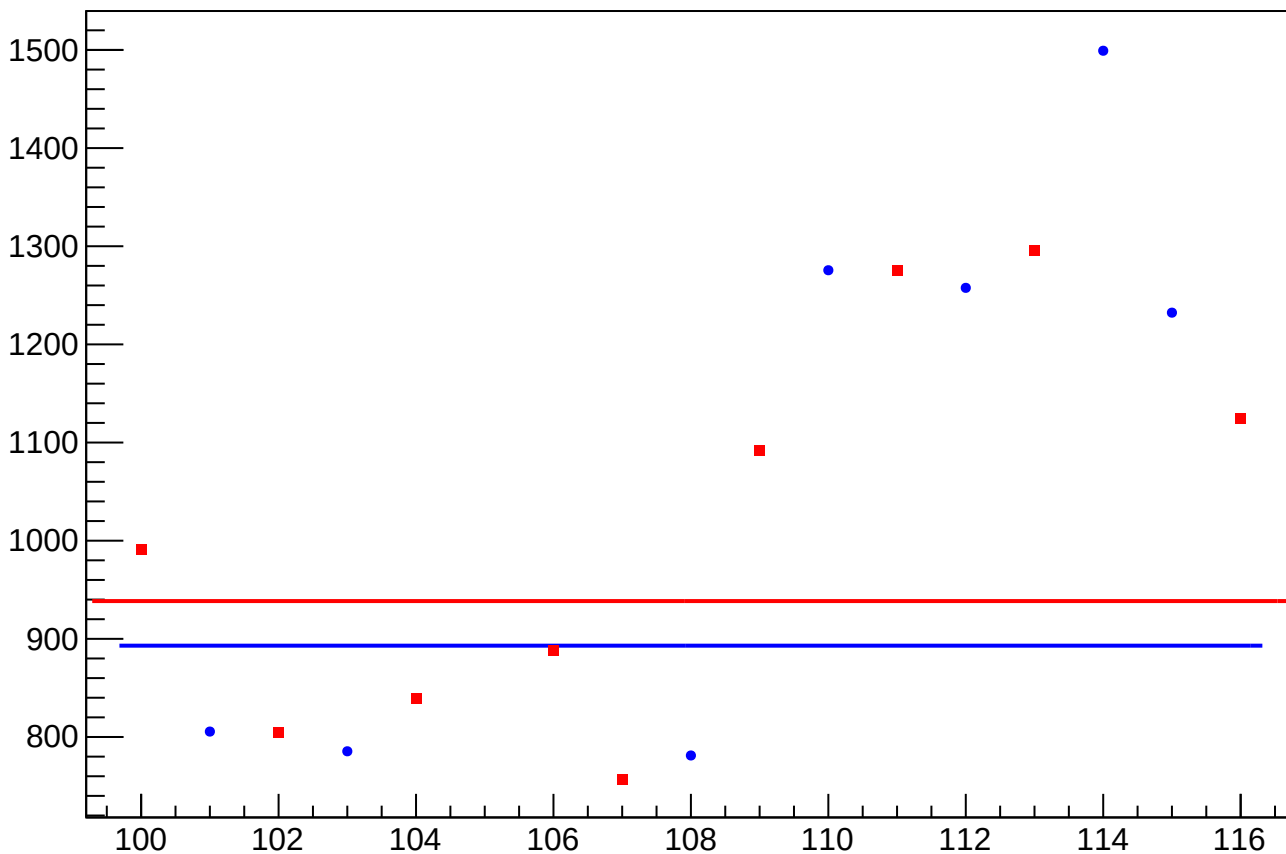
Right: 208.569+/-373.610 χ^2/NDF : 8.4/15

In: 455.003+/-548.110 χ^2/NDF : 0.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.569+/-373.610 χ^2/NDF : 8.4/15

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 893.047+/-0.388 χ^2/NDF : 265044.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.487+/-0.361 χ^2/NDF : 249763.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

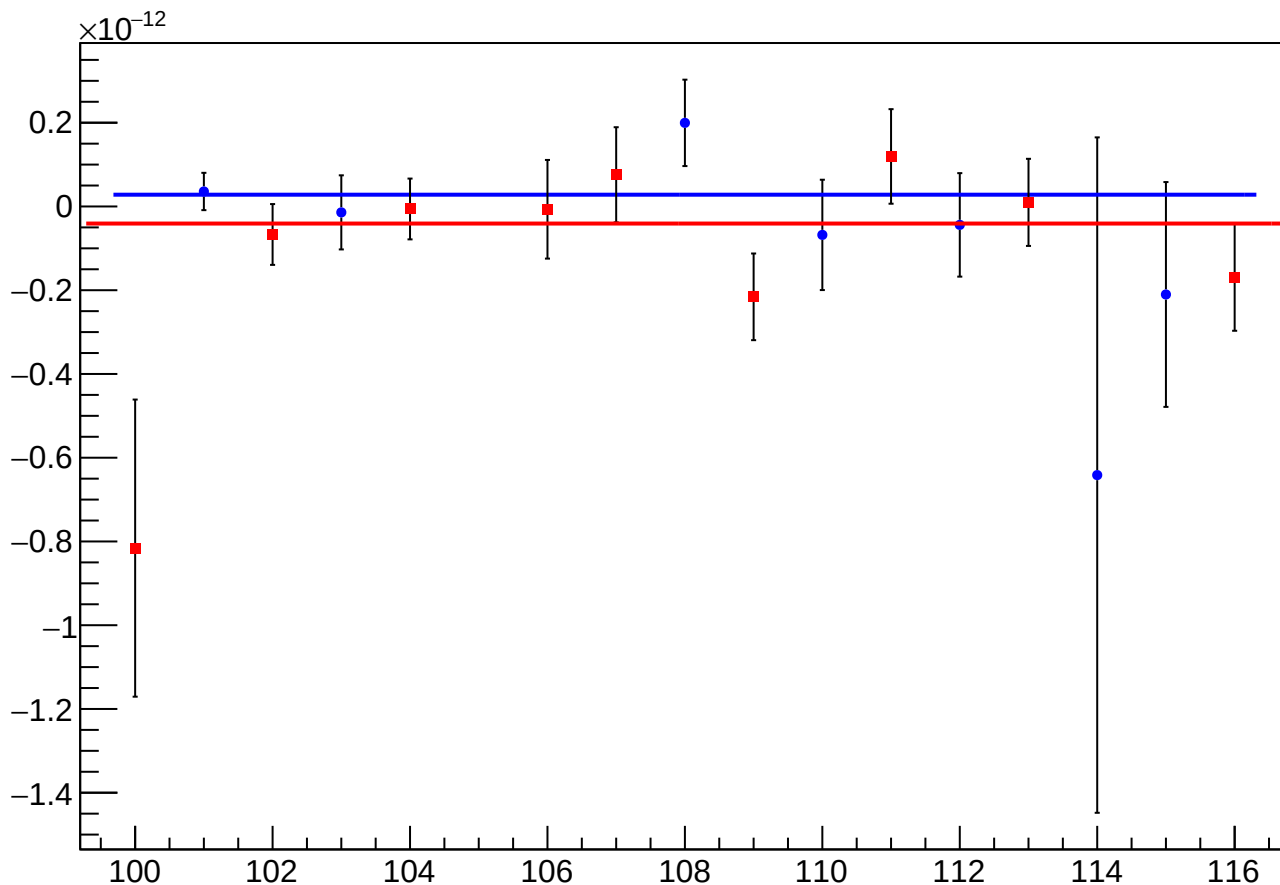
Right: 917.374+/-0.264 χ^2/NDF : 522167.4/15

In: 893.047+/-0.388 χ^2/NDF : 265044.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 917.374+/-0.264 χ^2/NDF : 522167.4/15

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

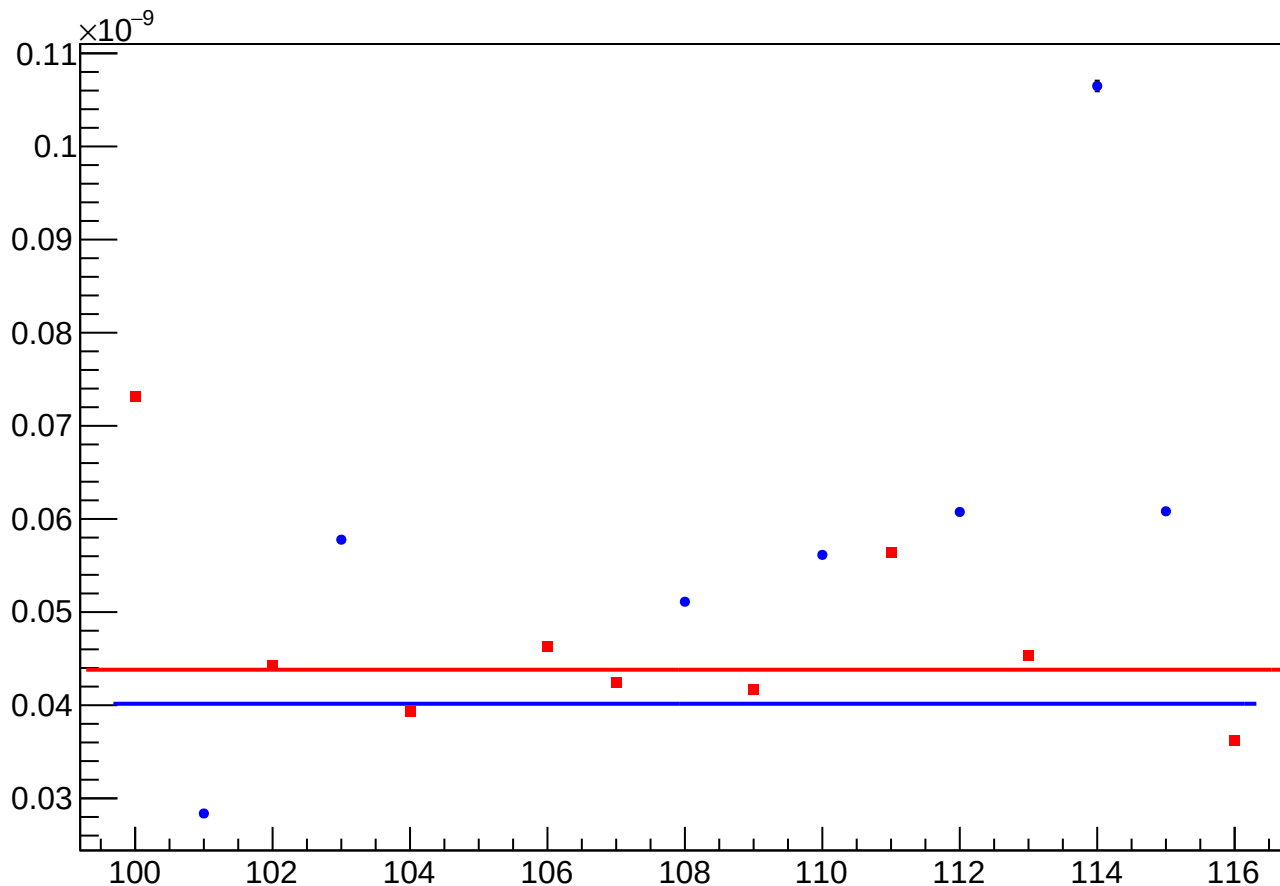
Right: -0.000+/-0.000 χ^2/NDF : 19.8/15

In: 0.000+/-0.000 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/15

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352205.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 55689.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

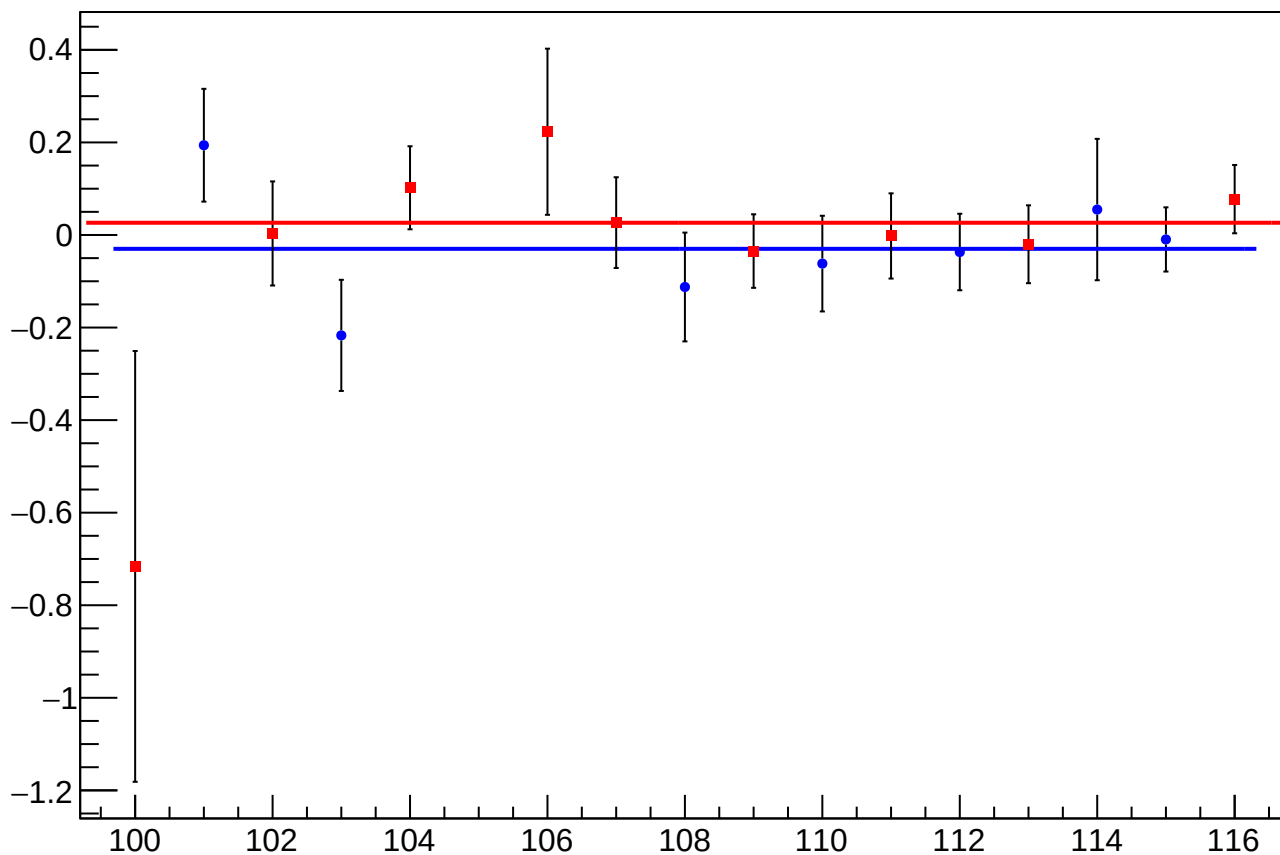
Right: 0.000+/-0.000 χ^2/NDF : 419429.4/15

In: 0.000+/-0.000 χ^2/NDF : 352205.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 419429.4/15

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.038 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.033 χ^2/NDF : 6.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

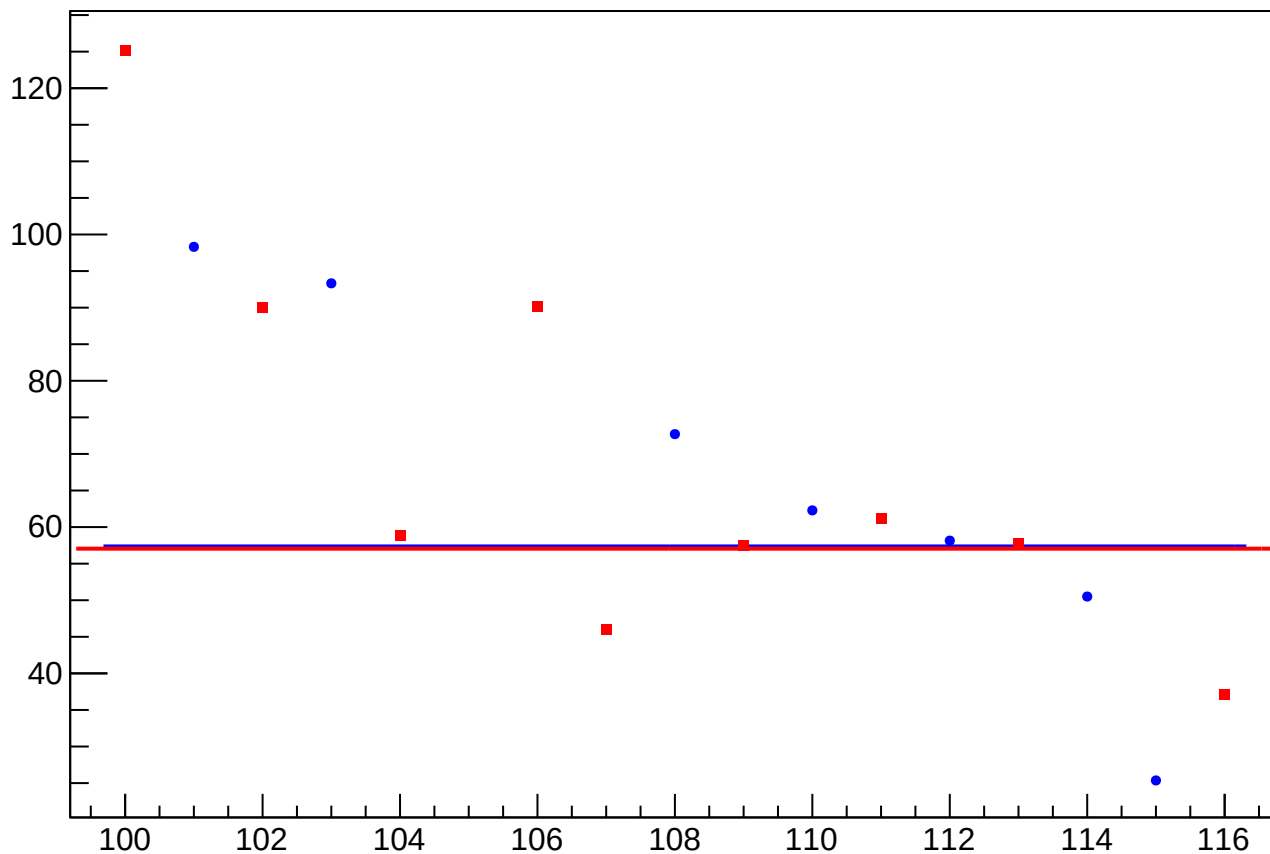
Right: 0.002+/-0.025 χ^2/NDF : 14.0/15

In: -0.030+/-0.038 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.025 χ^2/NDF : 14.0/15

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.352+/-0.027 χ^2/NDF : 873775.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.049+/-0.023 χ^2/NDF : 459500.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

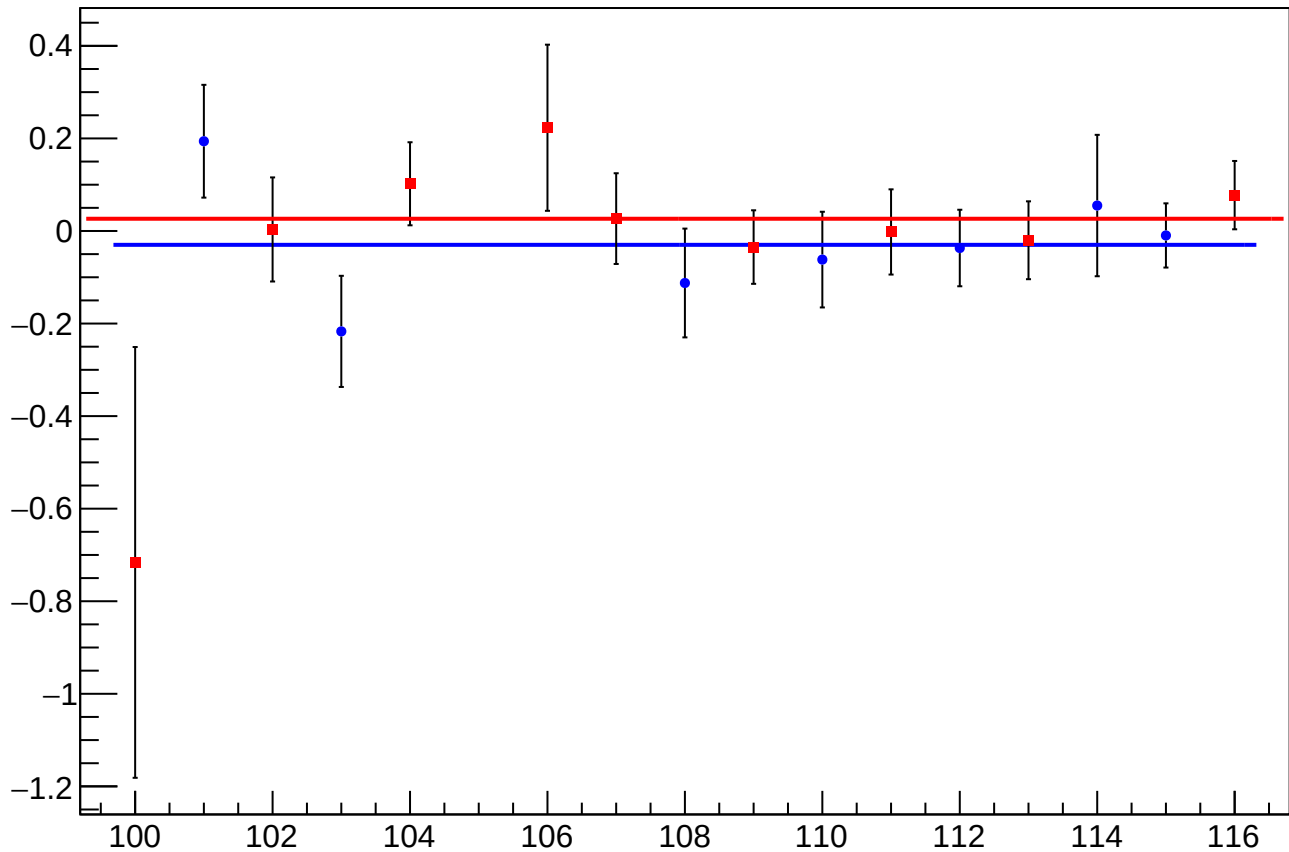
Right: 57.178+/-0.017 χ^2/NDF : 1333349.8/15

In: 57.352+/-0.027 χ^2/NDF : 873775.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.178+/-0.017 χ^2/NDF : 1333349.8/15

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.038 χ^2 /NDF: 6.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.026+/-0.033 χ^2 /NDF: 6.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

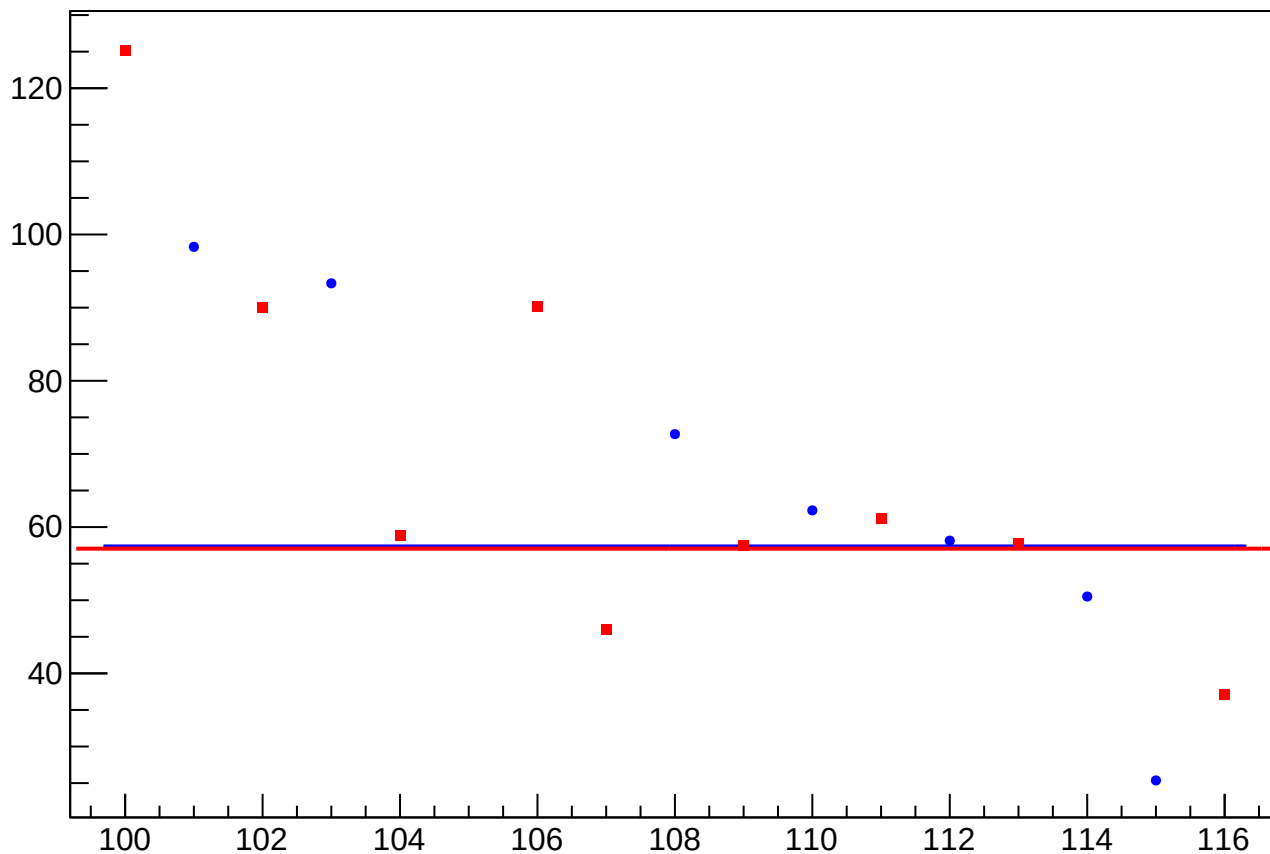
Right: 0.002+/-0.025 χ^2 /NDF: 14.0/15

In: -0.030+/-0.038 χ^2 /NDF:6.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.025 χ^2 /NDF: 14.0/15

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.352 $\pm$ 0.027 χ^2 /NDF: 873775.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.049 $\pm$ 0.023 χ^2 /NDF: 459500.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

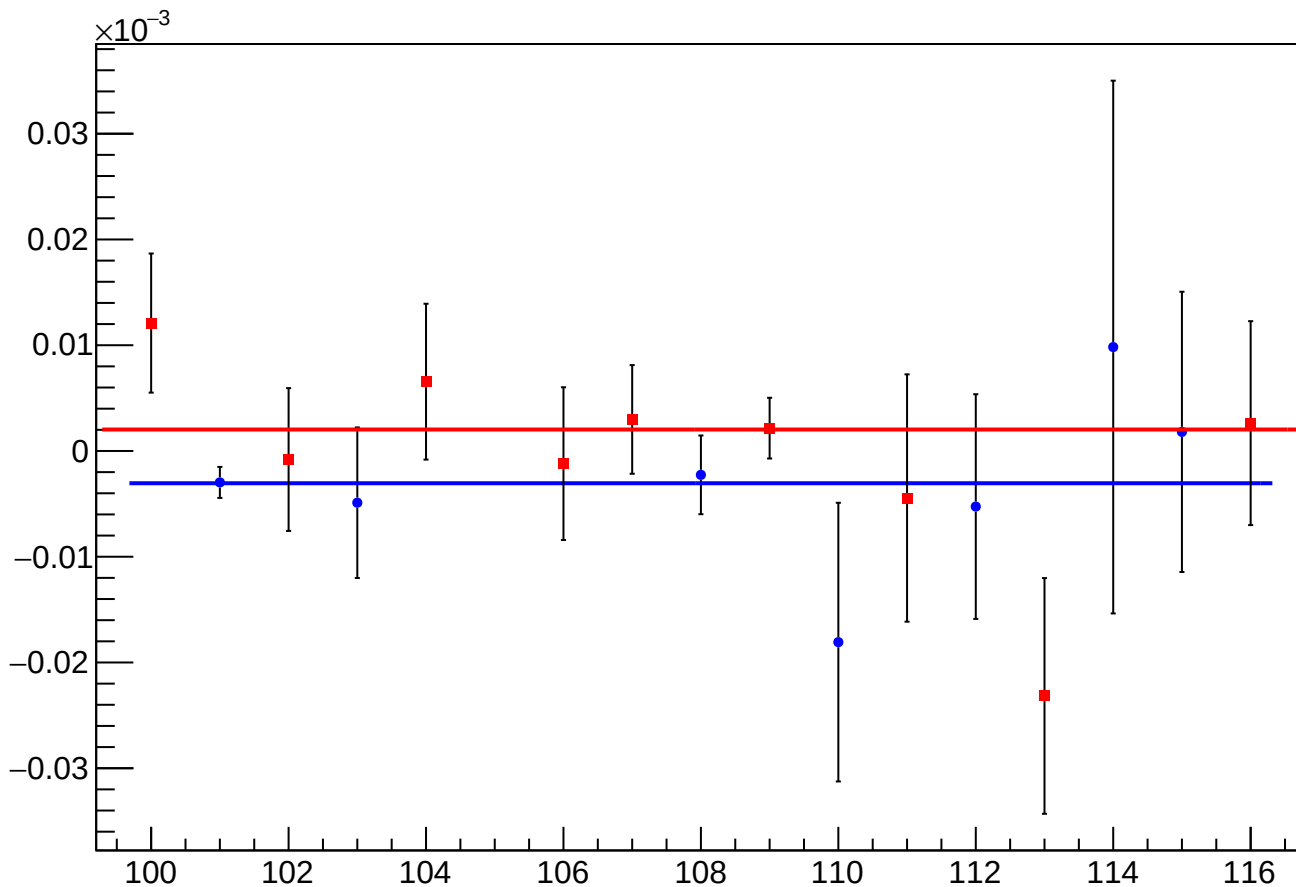
Right: 57.178 $\pm$ 0.017 χ^2 /NDF: 1333349.8/15

In: 57.352 $\pm$ 0.027 χ^2 /NDF: 873775.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.178 $\pm$ 0.017 χ^2 /NDF: 1333349.8/15

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

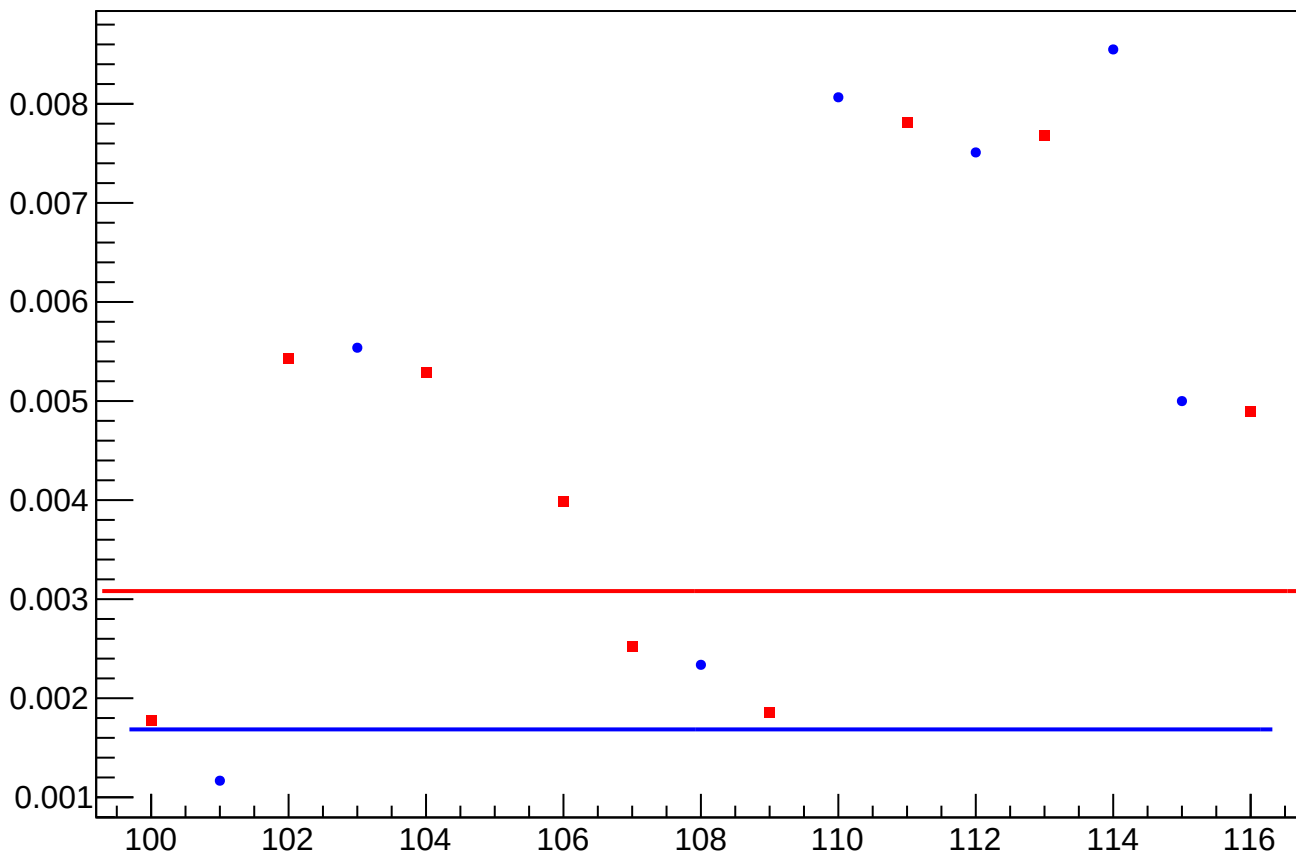
Right: -0.000+/-0.000 χ^2 /NDF: 15.1/15

In: -0.000+/-0.000 χ^2 /NDF:1.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.1/15

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2240983.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1663375.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

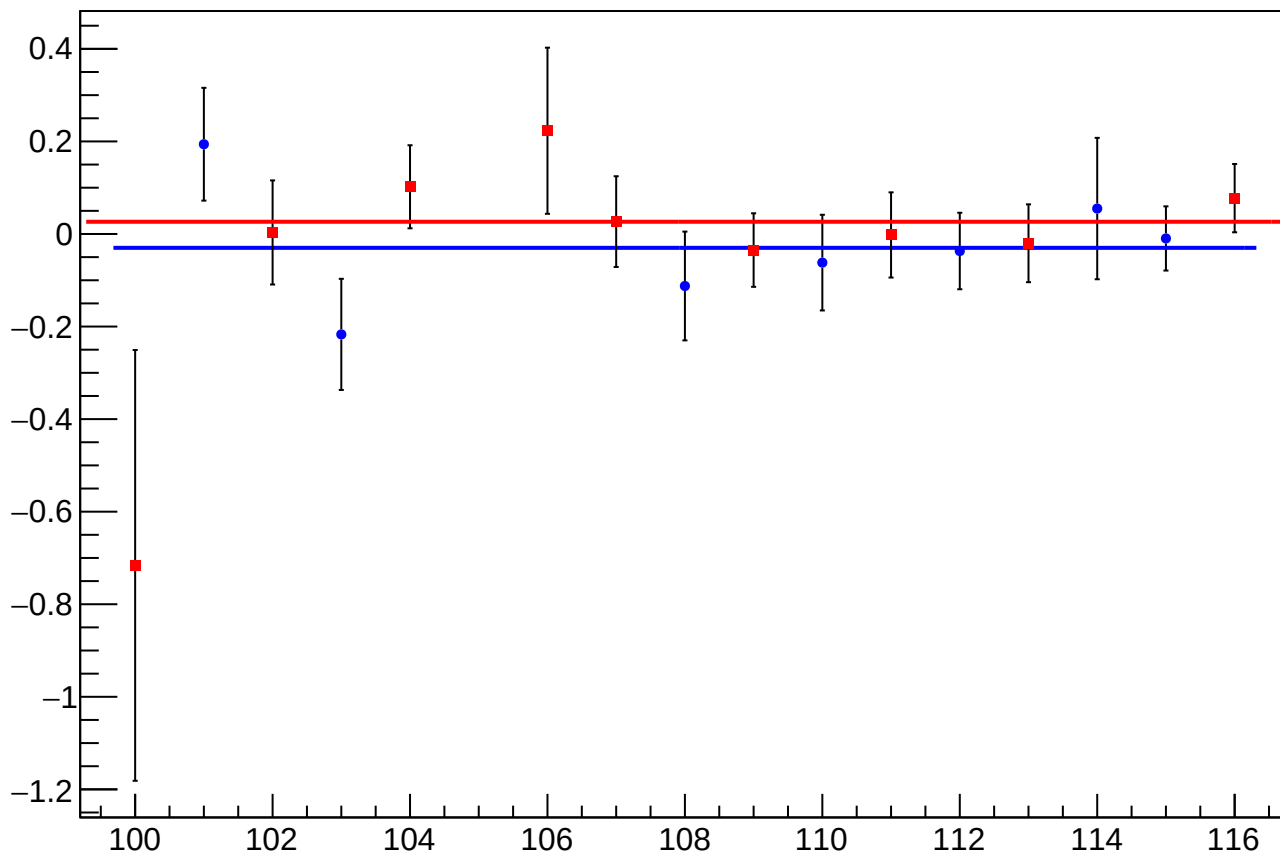
Right: 0.002+/-0.000 χ^2/NDF : 4618756.1/15

In: 0.002+/-0.000 χ^2/NDF :2240983.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4618756.1/15

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.038 χ^2 /NDF: 6.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.026 $\pm$ 0.033 χ^2 /NDF: 6.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

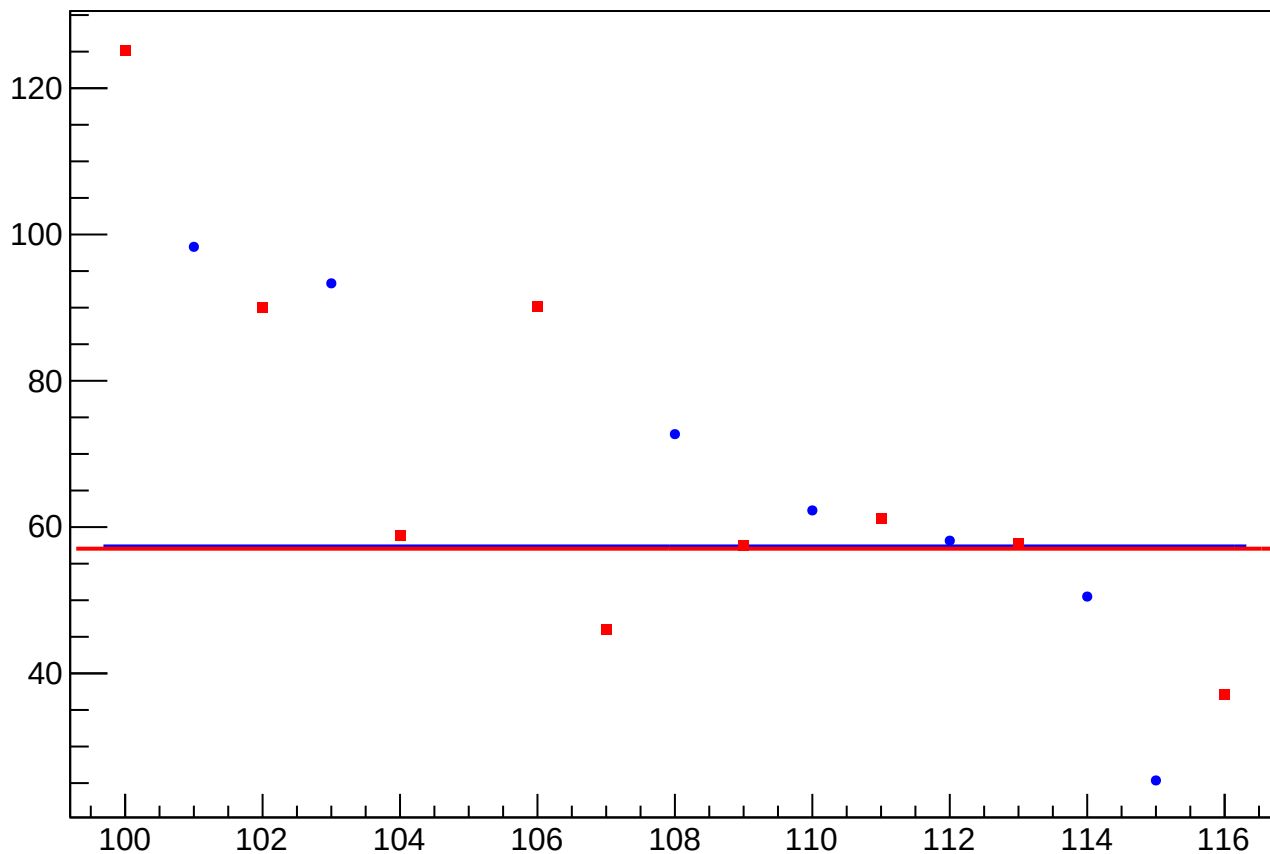
Right: 0.002 $\pm$ 0.025 χ^2 /NDF: 14.0/15

In: -0.030 $\pm$ 0.038 χ^2 /NDF:6.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.025 χ^2 /NDF: 14.0/15

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.353+/-0.027 χ^2/NDF : 873661.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.049+/-0.023 χ^2/NDF : 459439.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

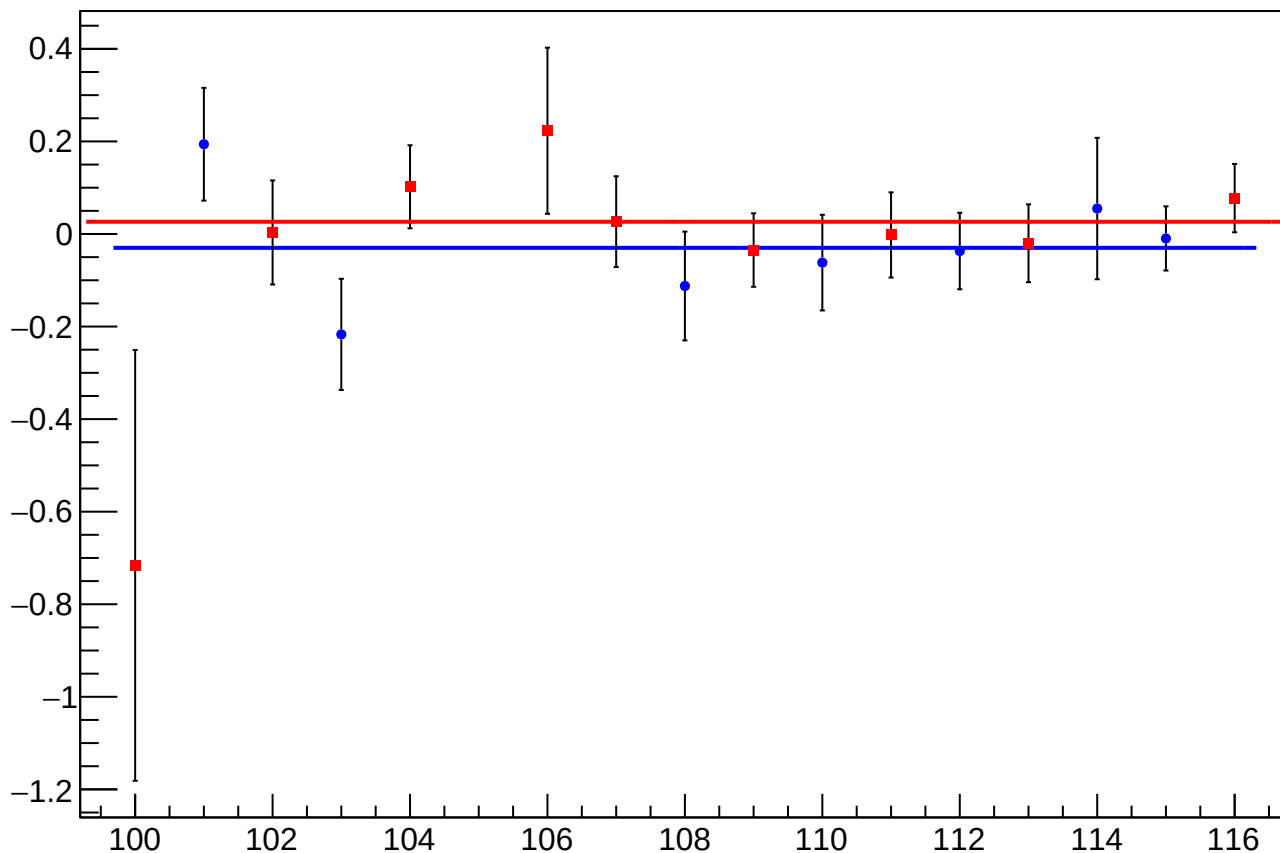
Right: 57.178+/-0.017 χ^2/NDF : 1333175.1/15

In: 57.353+/-0.027 χ^2/NDF : 873661.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.178+/-0.017 χ^2/NDF : 1333175.1/15

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.038 χ^2 /NDF: 6.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.026+/-0.033 χ^2 /NDF: 6.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

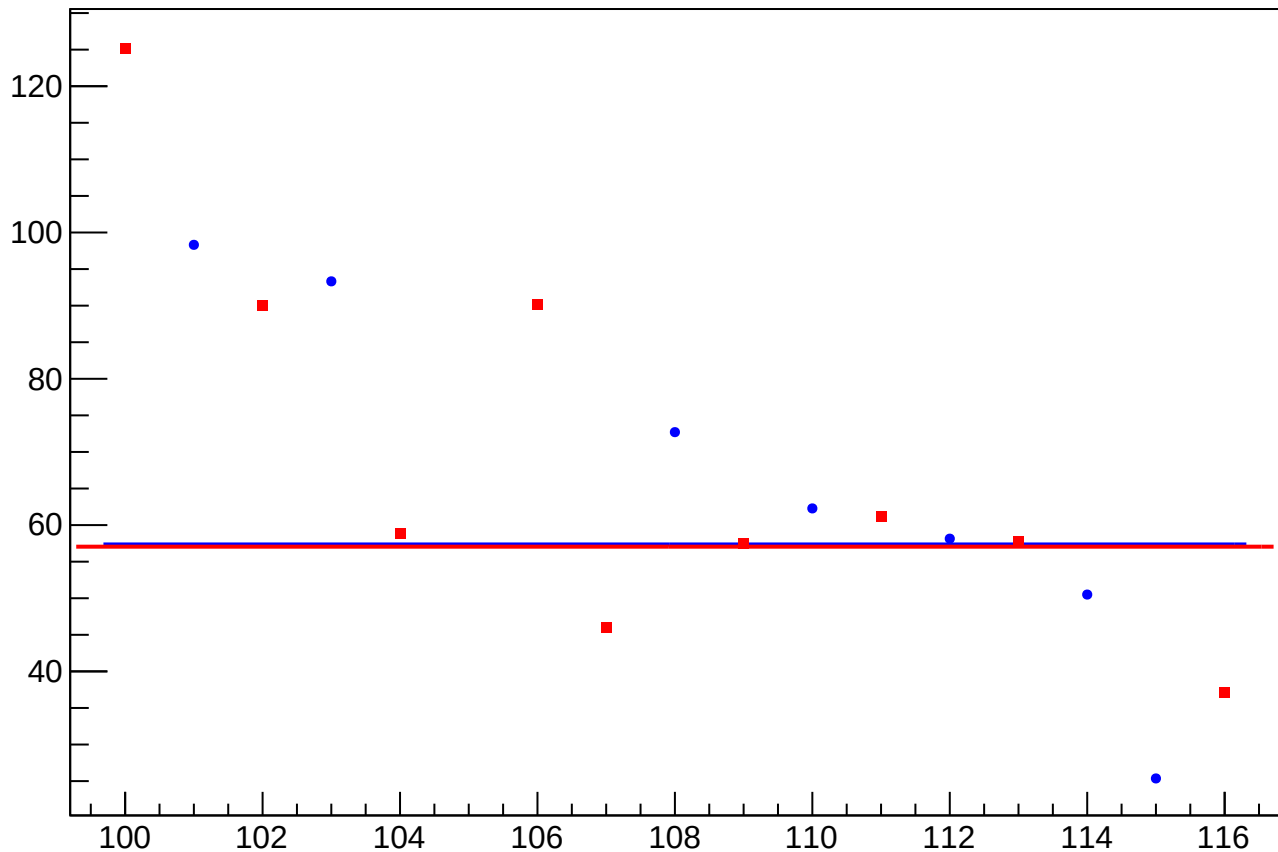
Right: 0.002+/-0.025 χ^2 /NDF: 14.0/15

In: -0.030+/-0.038 χ^2 /NDF:6.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.025 χ^2 /NDF: 14.0/15

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.353+/-0.027 χ^2/NDF : 873661.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.049+/-0.023 χ^2/NDF : 459439.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

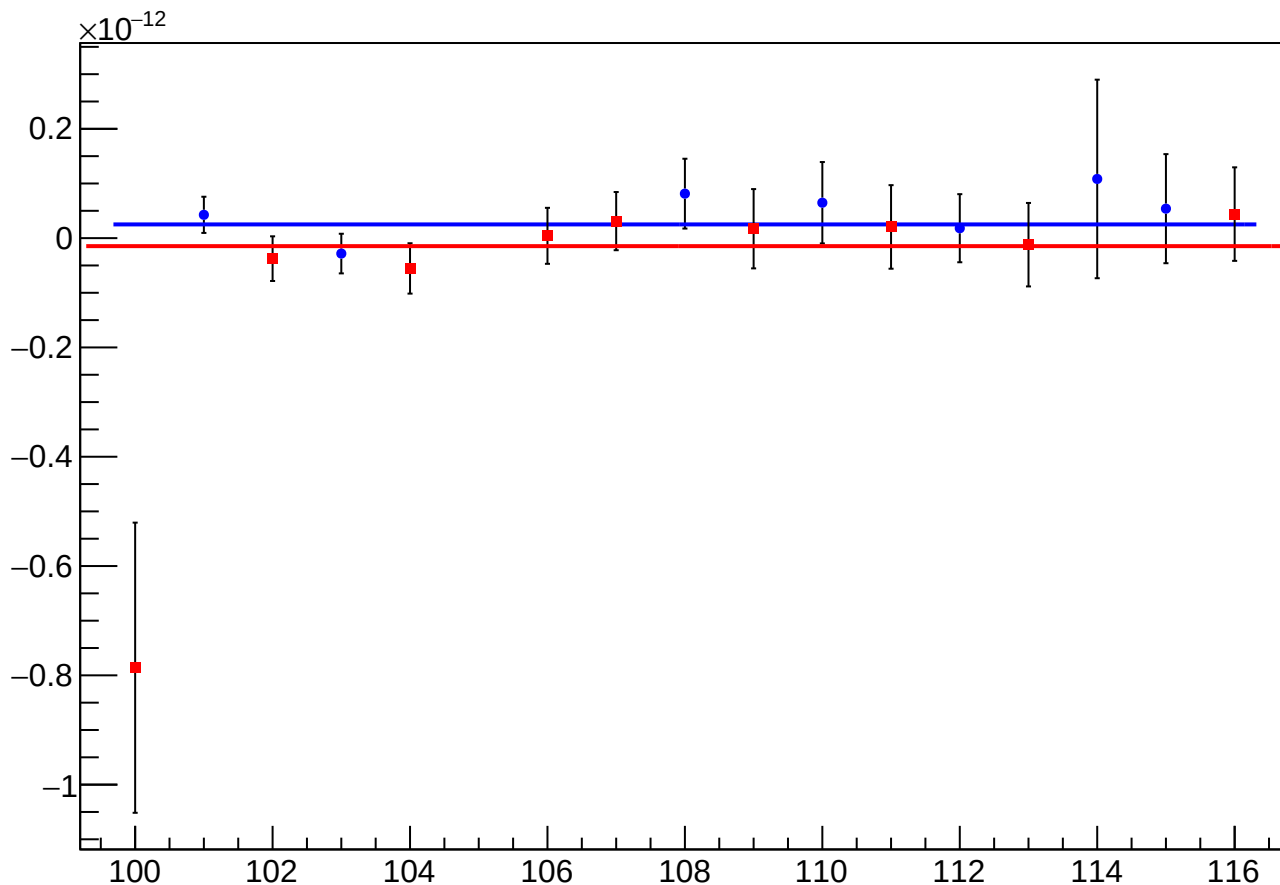
Right: 57.178+/-0.017 χ^2/NDF : 1333175.1/15

In: 57.353+/-0.027 χ^2/NDF : 873661.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.178+/-0.017 χ^2/NDF : 1333175.1/15

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

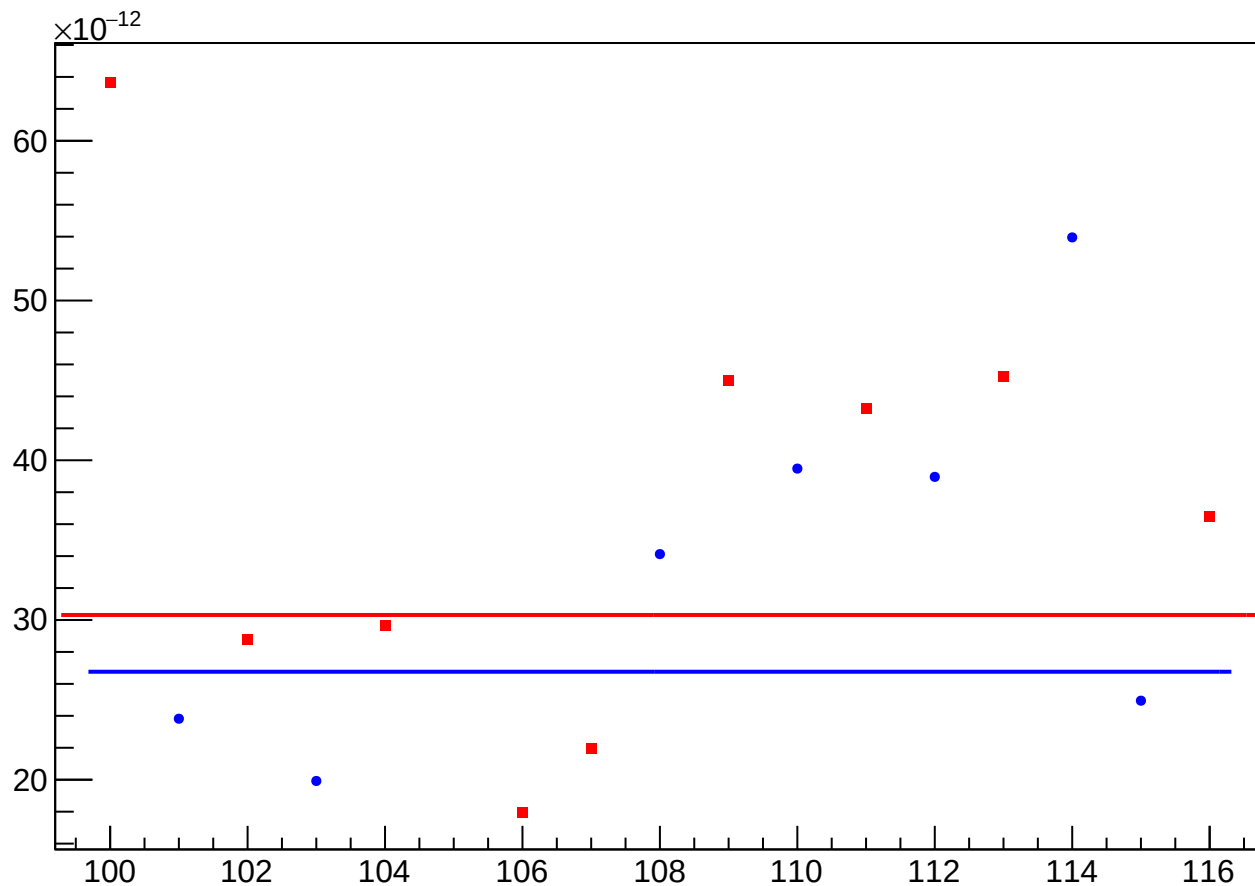
Right: 0.000+/-0.000 χ^2/NDF : 17.1/15

In: 0.000+/-0.000 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/15

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 294014.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 425667.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

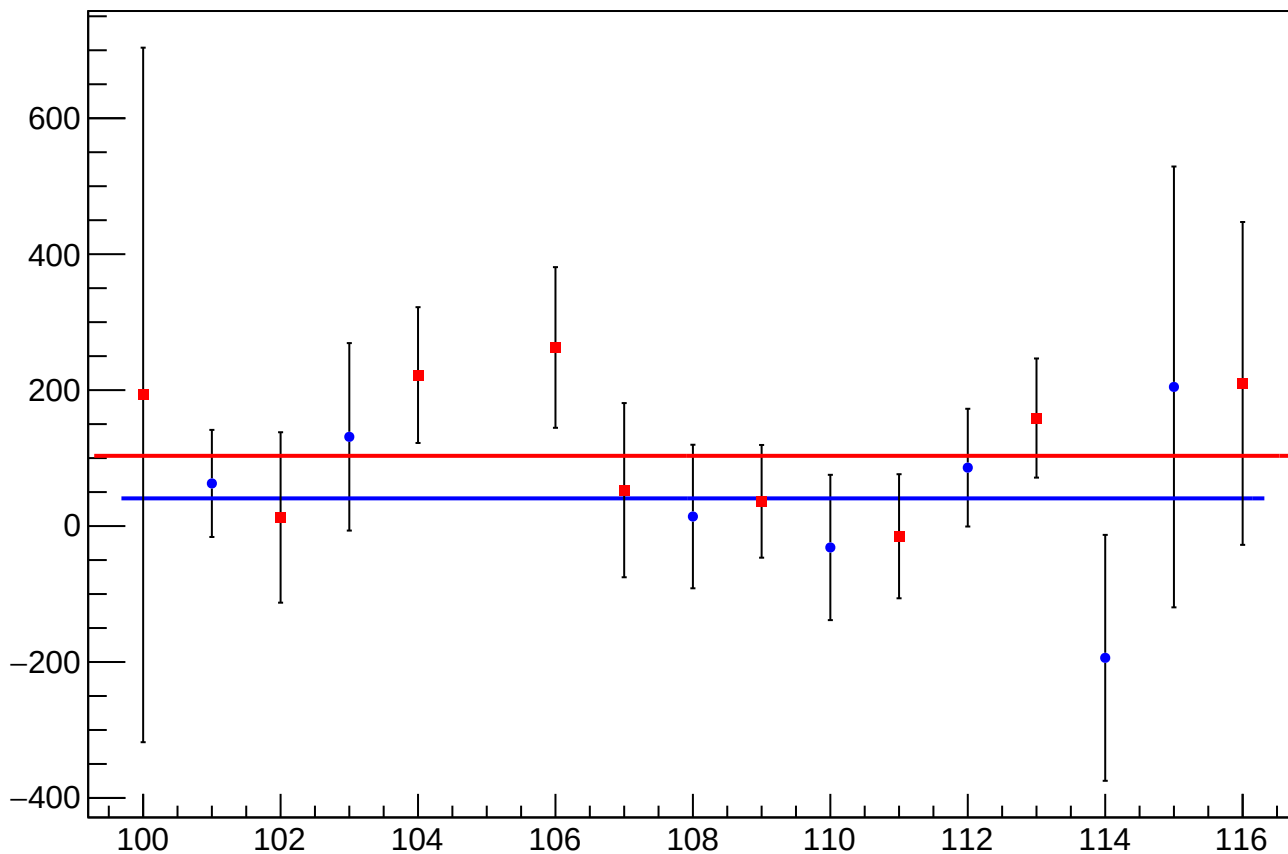
Right: 0.000+/-0.000 χ^2/NDF : 751081.8/15

In: 0.000+/-0.000 χ^2/NDF : 294014.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 751081.8/15

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 40.739+/-42.095 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.329+/-37.436 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

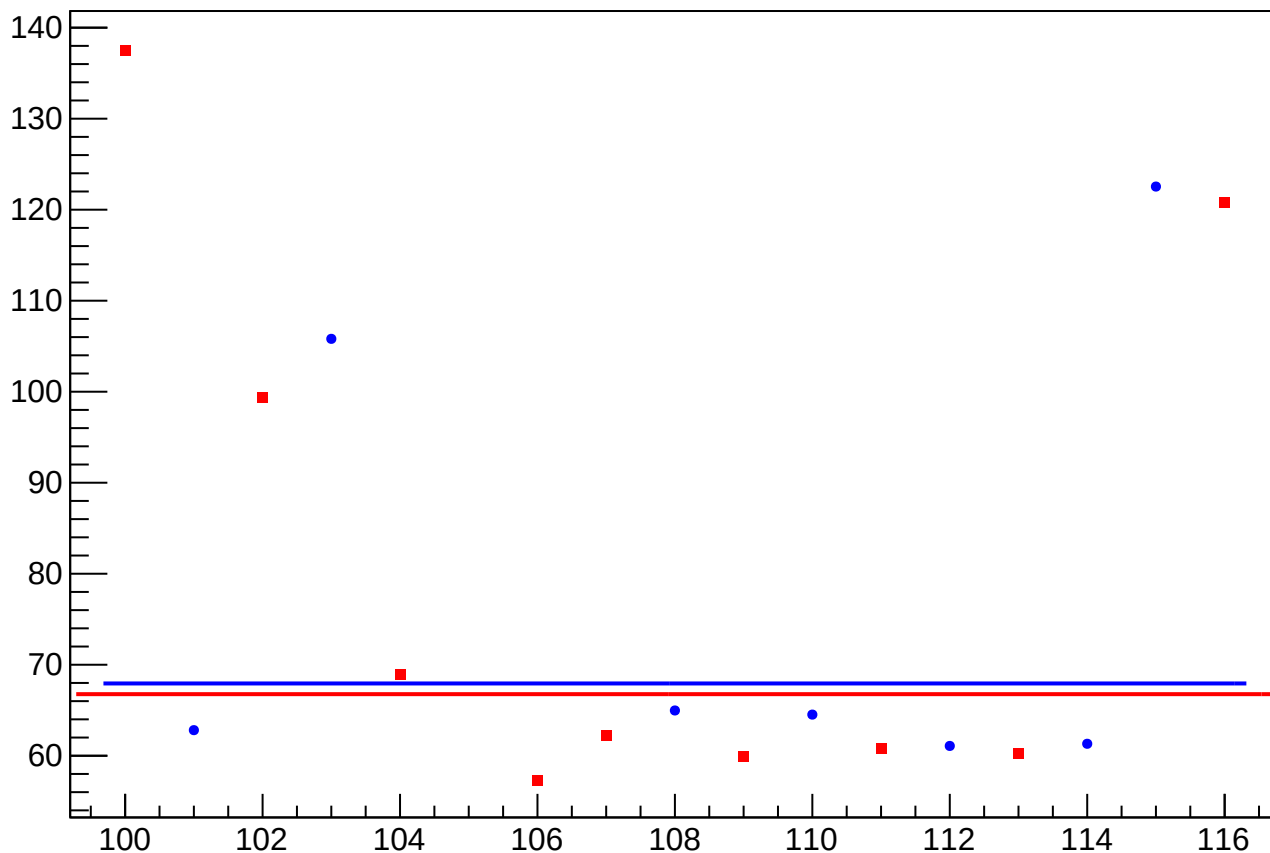
Right: 75.688+/-27.974 χ^2/NDF : 11.4/15

In: 40.739+/-42.095 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.688+/-27.974 χ^2/NDF : 11.4/15

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.943+/-0.030 χ^2/NDF : 234836.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 66.768+/-0.026 χ^2/NDF : 325848.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

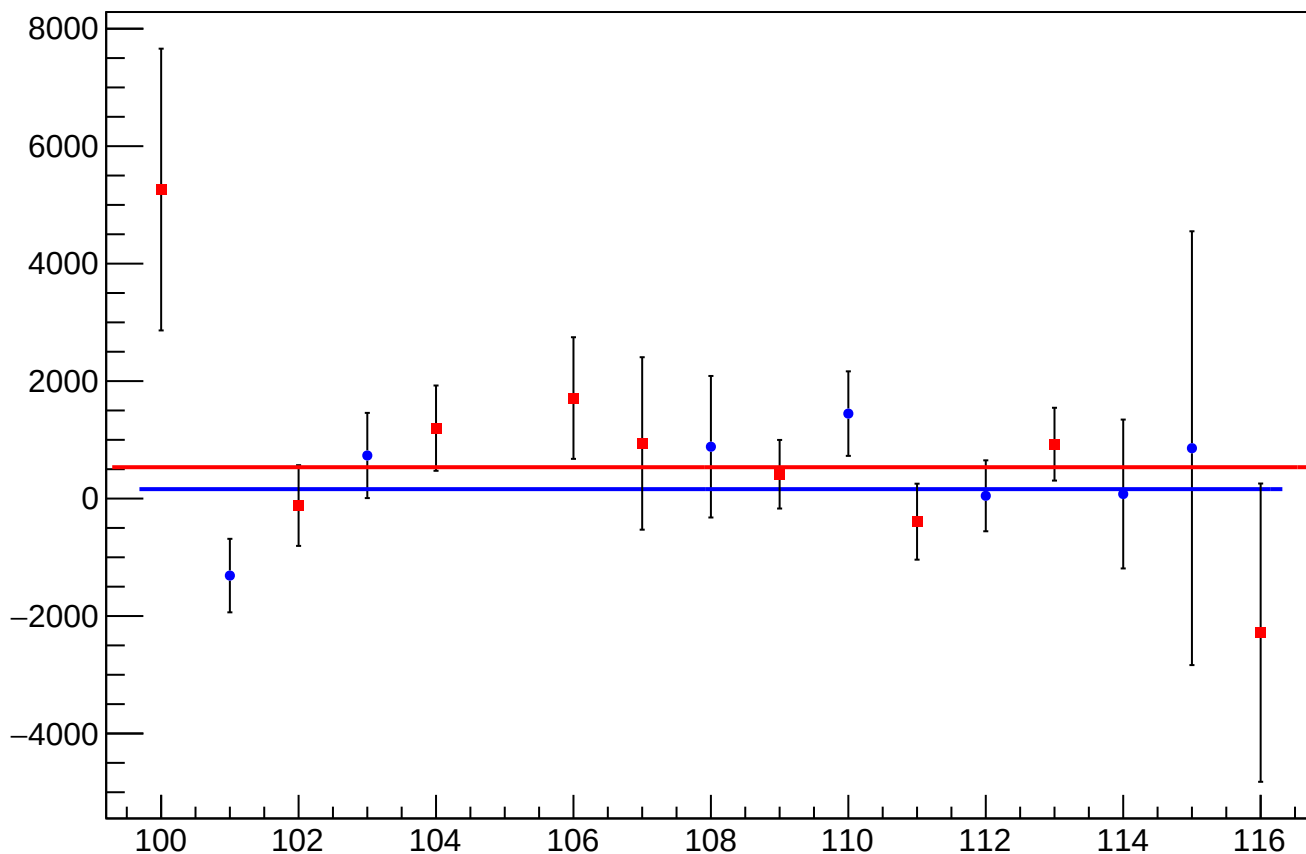
Right: 67.287+/-0.020 χ^2/NDF : 561555.5/15

In: 67.943+/-0.030 χ^2/NDF :234836.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.287+/-0.020 χ^2/NDF : 561555.5/15

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 160.556 $\pm$ 308.452 χ^2 /NDF: 9.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 534.039 $\pm$ 270.494 χ^2 /NDF: 10.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

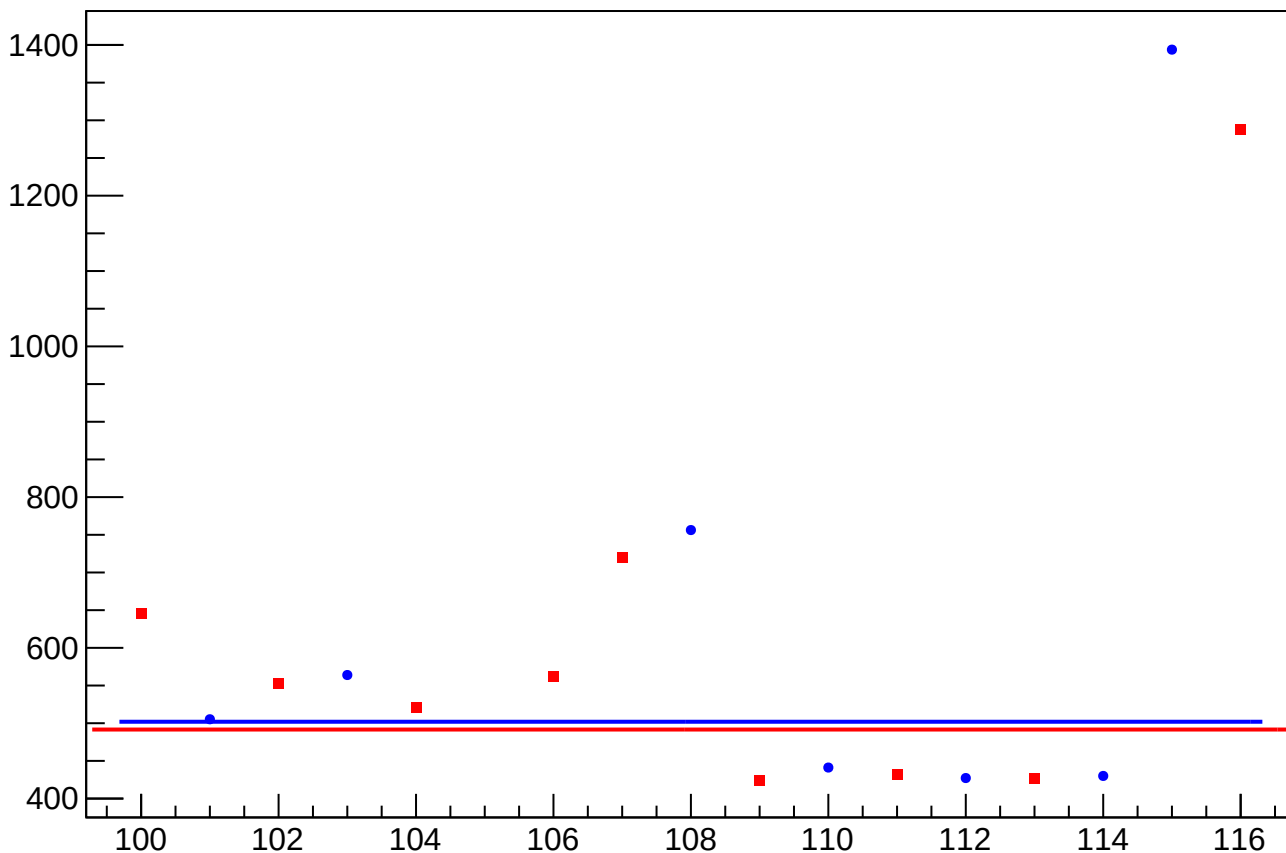
Right: 371.680 $\pm$ 203.372 χ^2 /NDF: 21.3/15

In: 160.556 $\pm$ 308.452 χ^2 /NDF:9.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 371.680 $\pm$ 203.372 χ^2 /NDF: 21.3/15

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 501.947+/-0.218 χ^2/NDF : 271724.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.612+/-0.191 χ^2/NDF : 346942.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

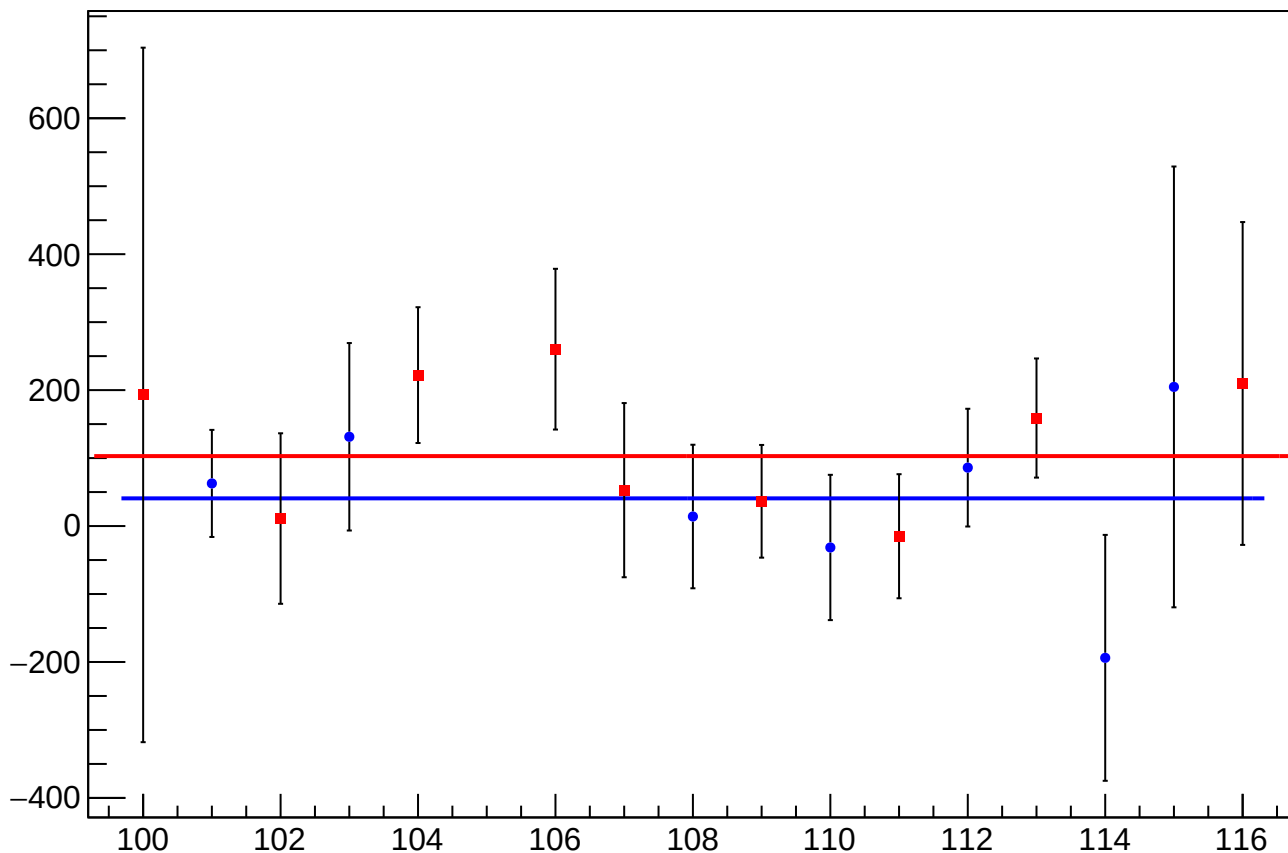
Right: 496.105+/-0.144 χ^2/NDF : 619936.6/15

In: 501.947+/-0.218 χ^2/NDF : 271724.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.105+/-0.144 χ^2/NDF : 619936.6/15

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 40.735+/-42.095 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.917+/-37.439 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

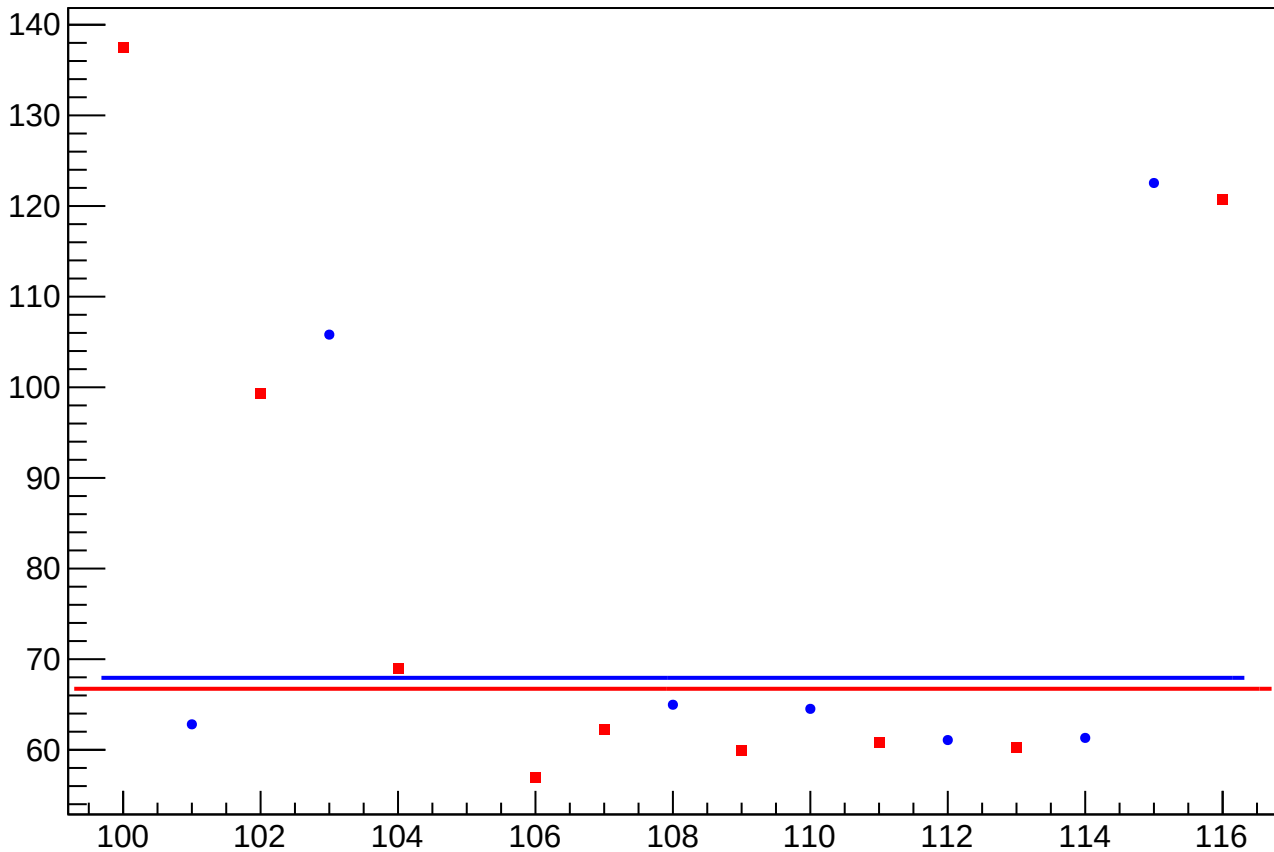
Right: 75.453+/-27.975 χ^2/NDF : 11.3/15

In: 40.735+/-42.095 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.453+/-27.975 χ^2/NDF : 11.3/15

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.943+/-0.030 χ^2/NDF : 234839.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.736+/-0.026 χ^2/NDF : 326989.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

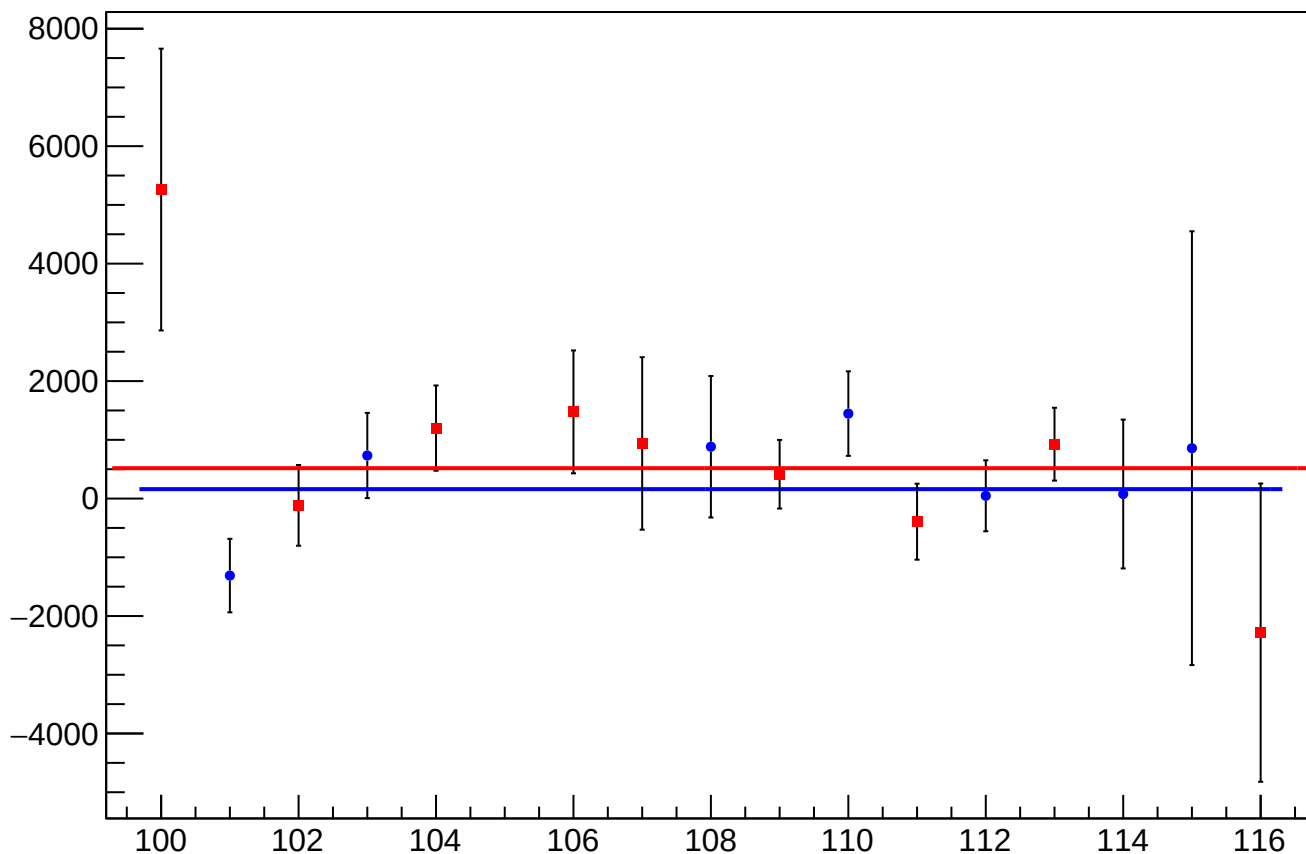
Right: 67.269+/-0.020 χ^2/NDF : 562746.9/15

In: 67.943+/-0.030 χ^2/NDF : 234839.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.269+/-0.020 χ^2/NDF : 562746.9/15

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 160.519+/-308.458 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.337+/-270.710 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

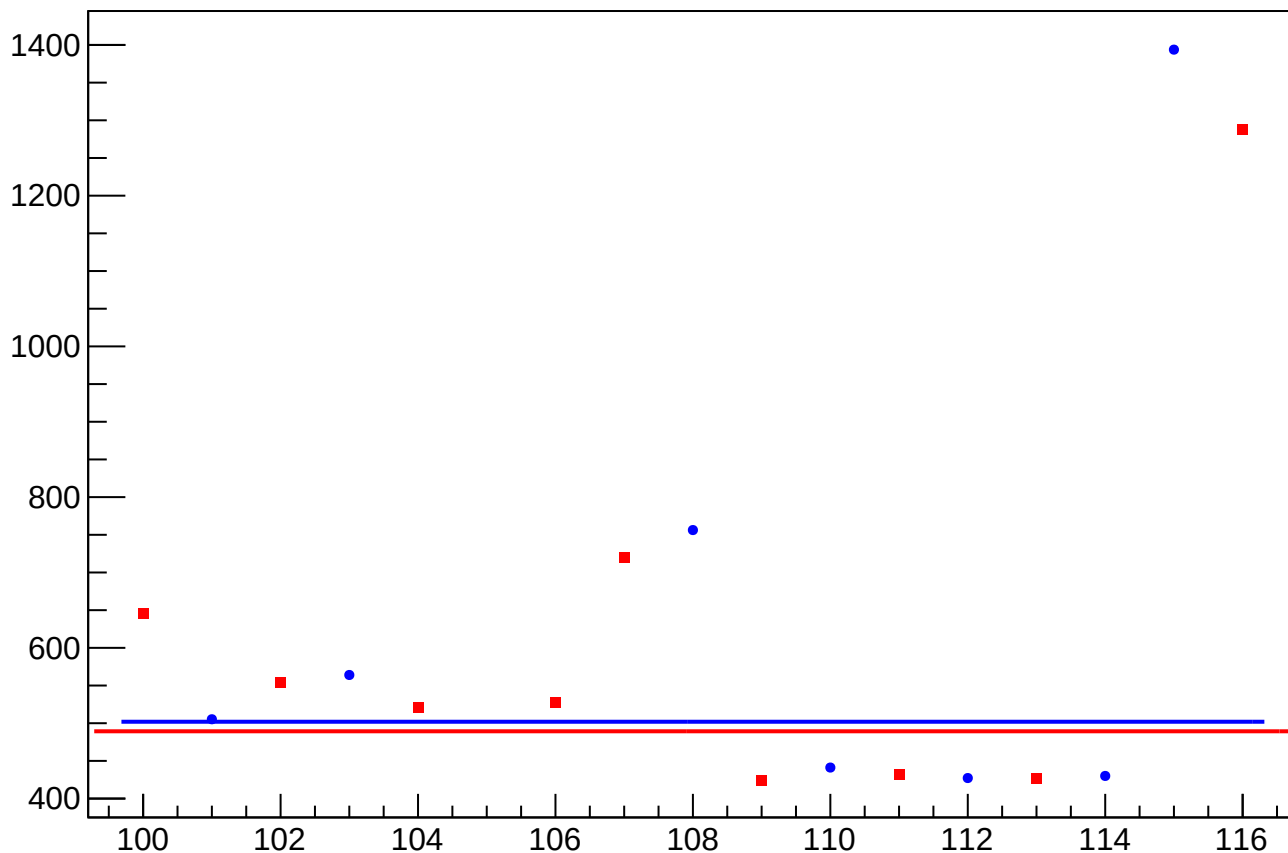
Right: 362.086+/-203.465 χ^2/NDF : 20.8/15

In: 160.519+/-308.458 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.086+/-203.465 χ^2/NDF : 20.8/15

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.955+/-0.218 χ^2/NDF : 271747.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.275+/-0.191 χ^2/NDF : 340189.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

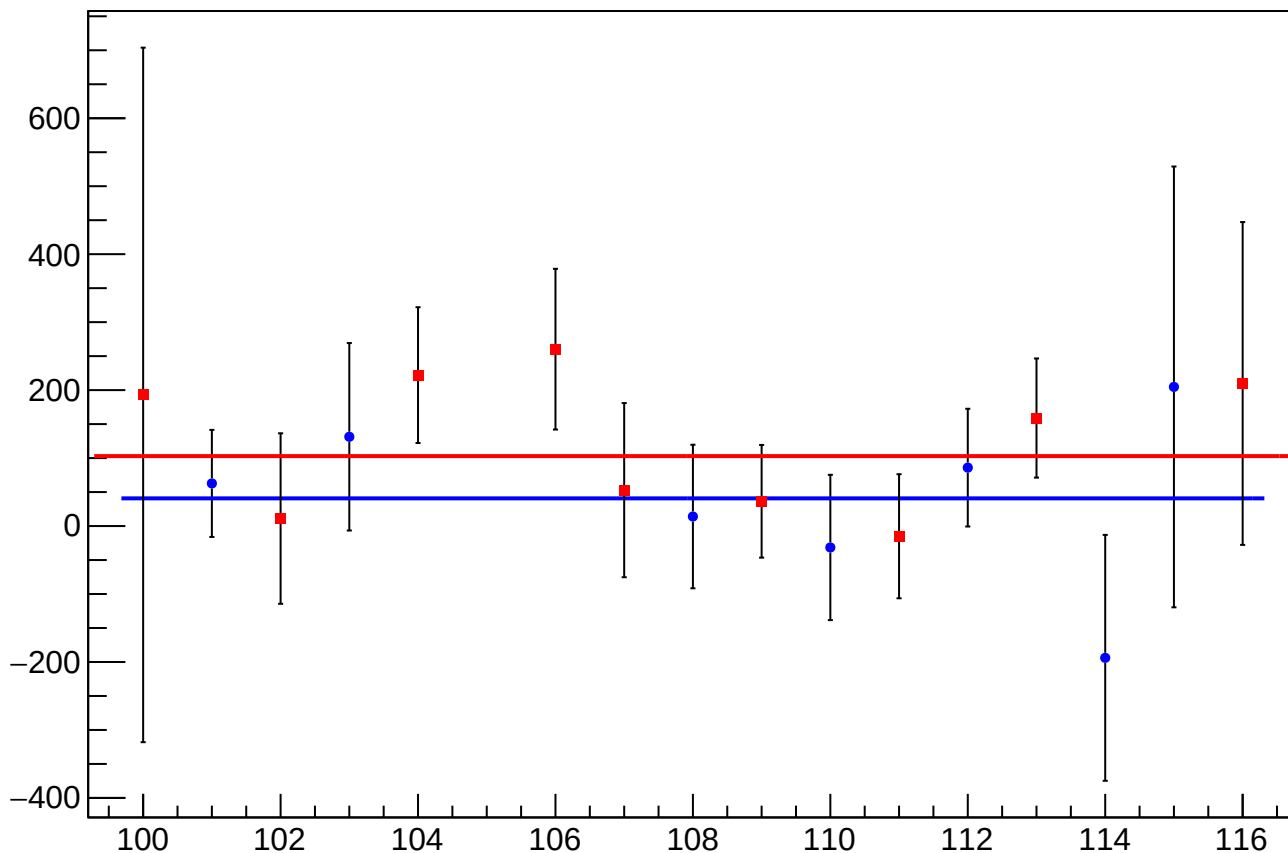
Right: 494.792+/-0.144 χ^2/NDF : 613846.2/15

In: 501.955+/-0.218 χ^2/NDF : 271747.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.792+/-0.144 χ^2/NDF : 613846.2/15

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 40.735+/-42.095 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.917+/-37.439 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

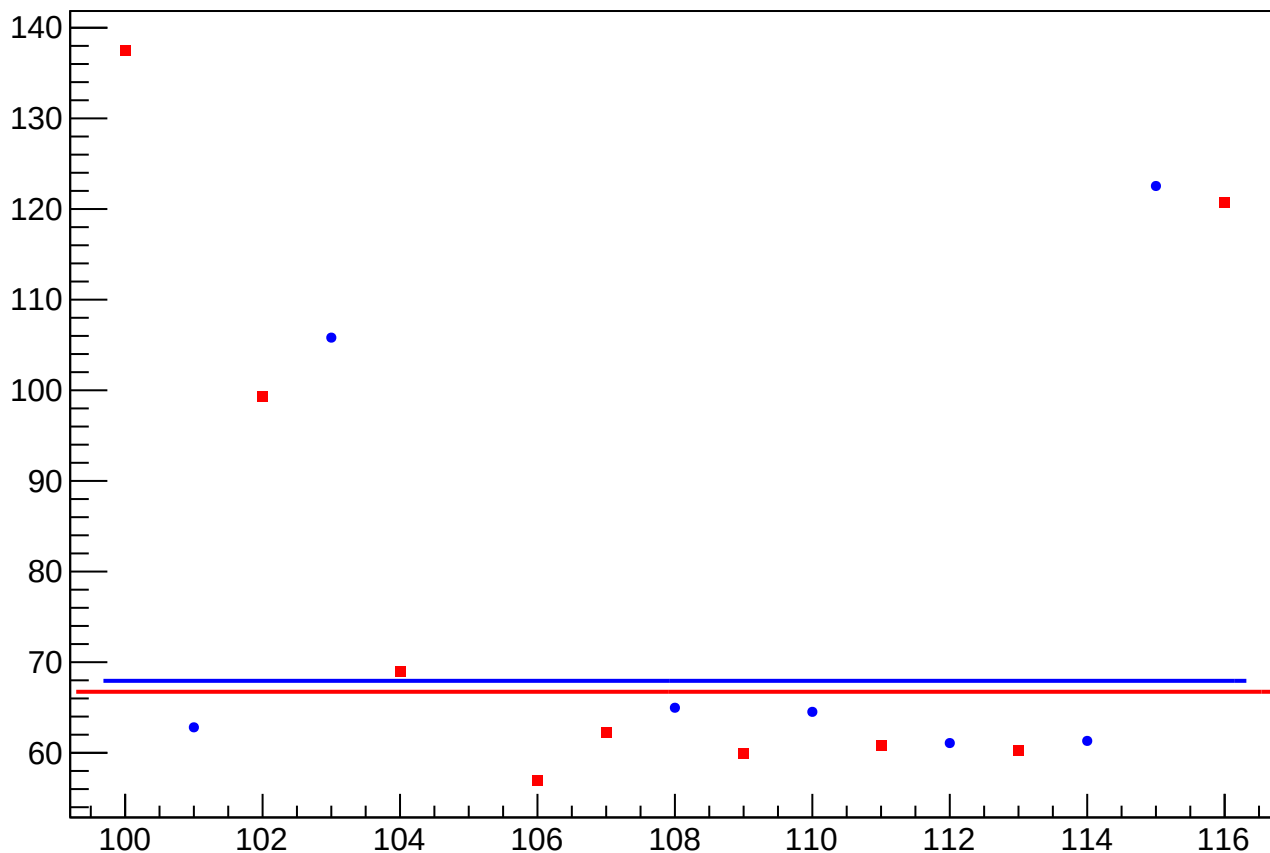
Right: 75.453+/-27.975 χ^2/NDF : 11.3/15

In: 40.735+/-42.095 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.453+/-27.975 χ^2/NDF : 11.3/15

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.943+/-0.030 χ^2/NDF : 234839.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.736+/-0.026 χ^2/NDF : 326989.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

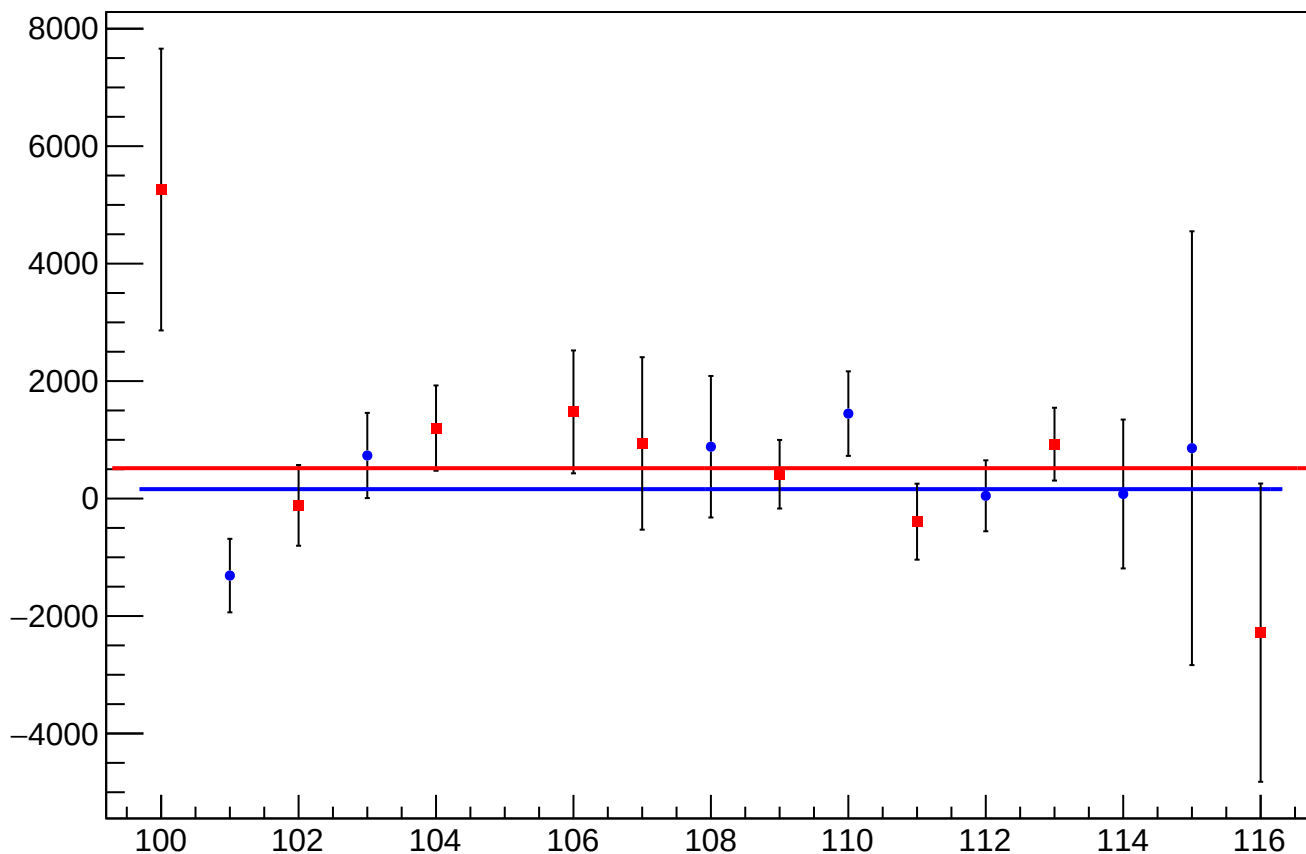
Right: 67.269+/-0.020 χ^2/NDF : 562746.9/15

In: 67.943+/-0.030 χ^2/NDF : 234839.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.269+/-0.020 χ^2/NDF : 562746.9/15

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 160.519+/-308.458 χ^2/NDF : 9.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.337+/-270.710 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

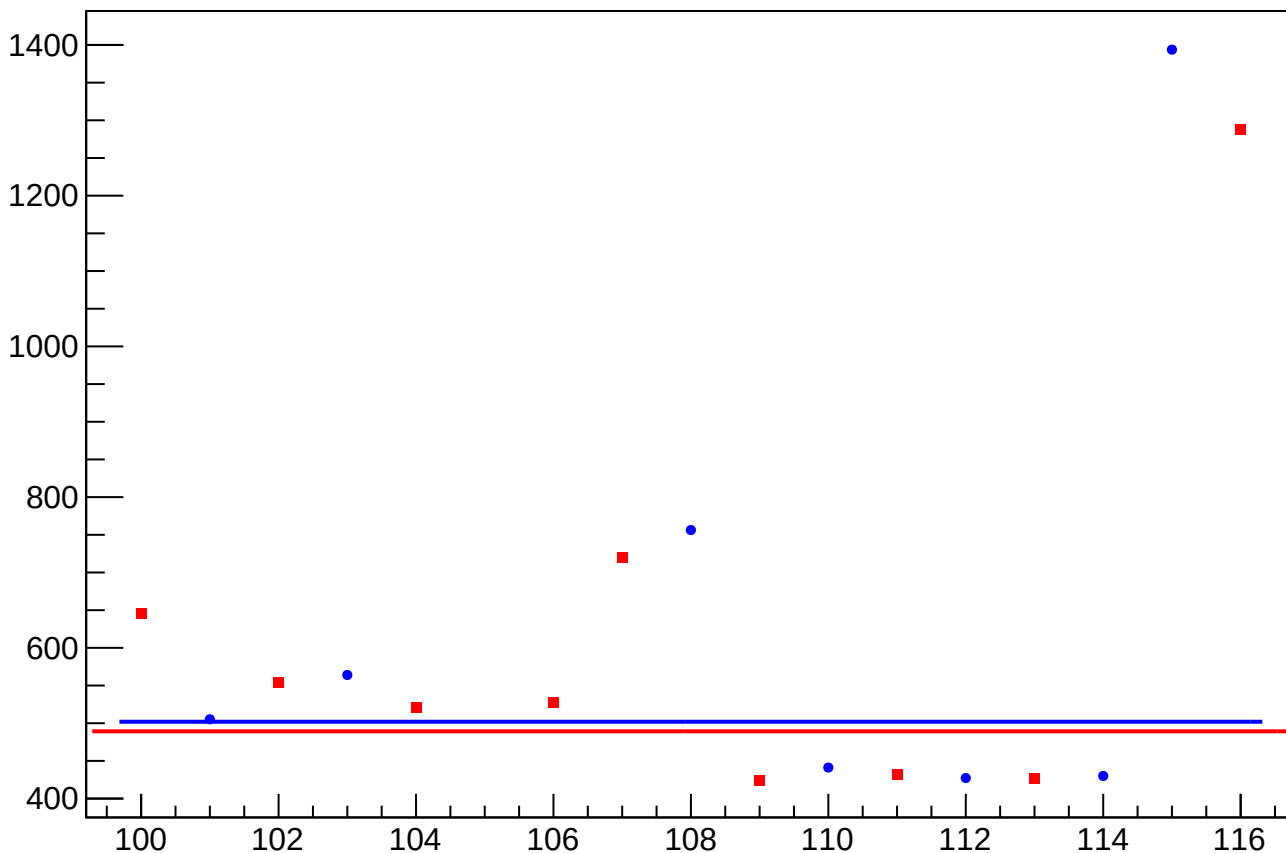
Right: 362.086+/-203.465 χ^2/NDF : 20.8/15

In: 160.519+/-308.458 χ^2/NDF : 9.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.086+/-203.465 χ^2/NDF : 20.8/15

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.955+/-0.218 χ^2/NDF : 271747.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.275+/-0.191 χ^2/NDF : 340189.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

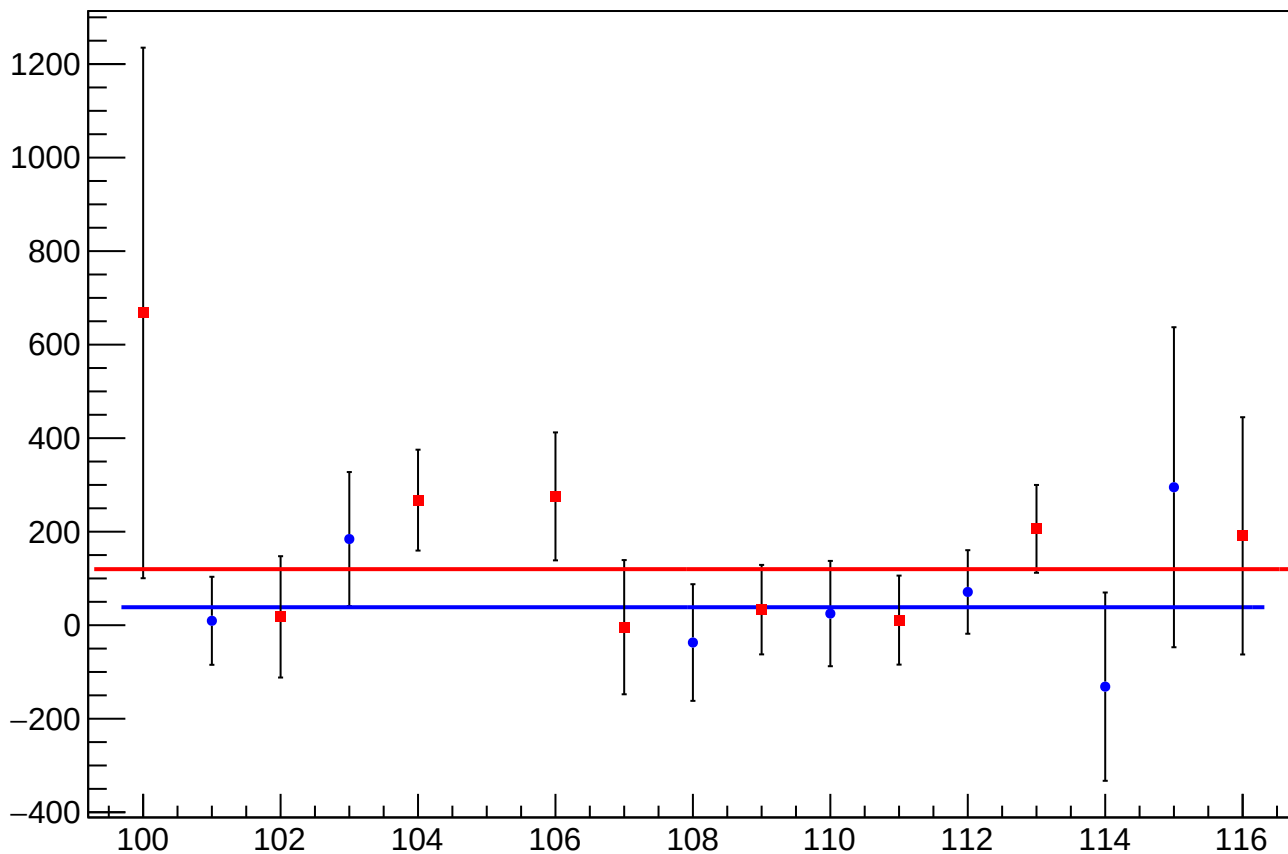
Right: 494.792+/-0.144 χ^2/NDF : 613846.2/15

In: 501.955+/-0.218 χ^2/NDF : 271747.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.792+/-0.144 χ^2/NDF : 613846.2/15

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 38.447+/-46.462 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.869+/-40.859 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

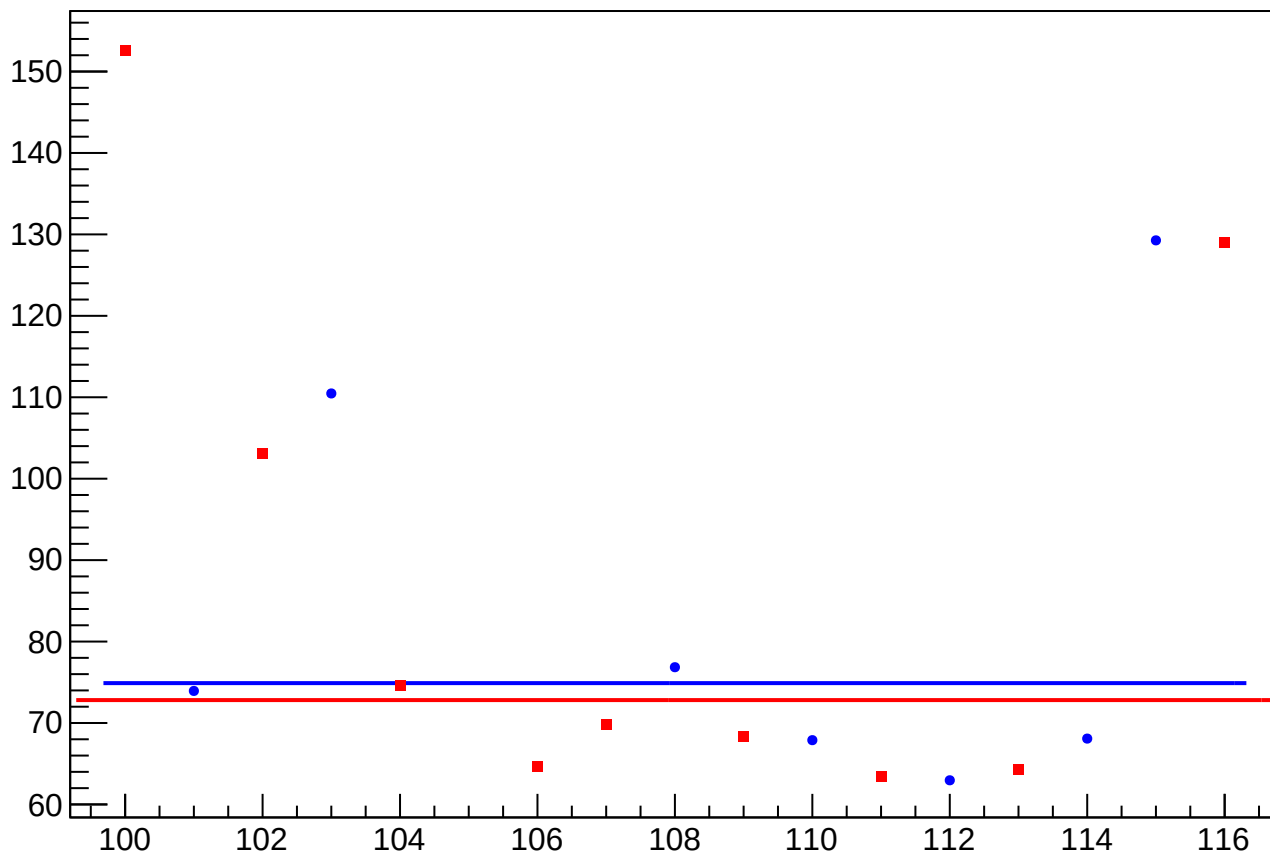
Right: 84.361+/-30.683 χ^2/NDF : 13.2/15

In: 38.447+/-46.462 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.361+/-30.683 χ^2/NDF : 13.2/15

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.897 $\pm$ 0.033 χ^2 /NDF: 220192.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.813 $\pm$ 0.029 χ^2 /NDF: 294783.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

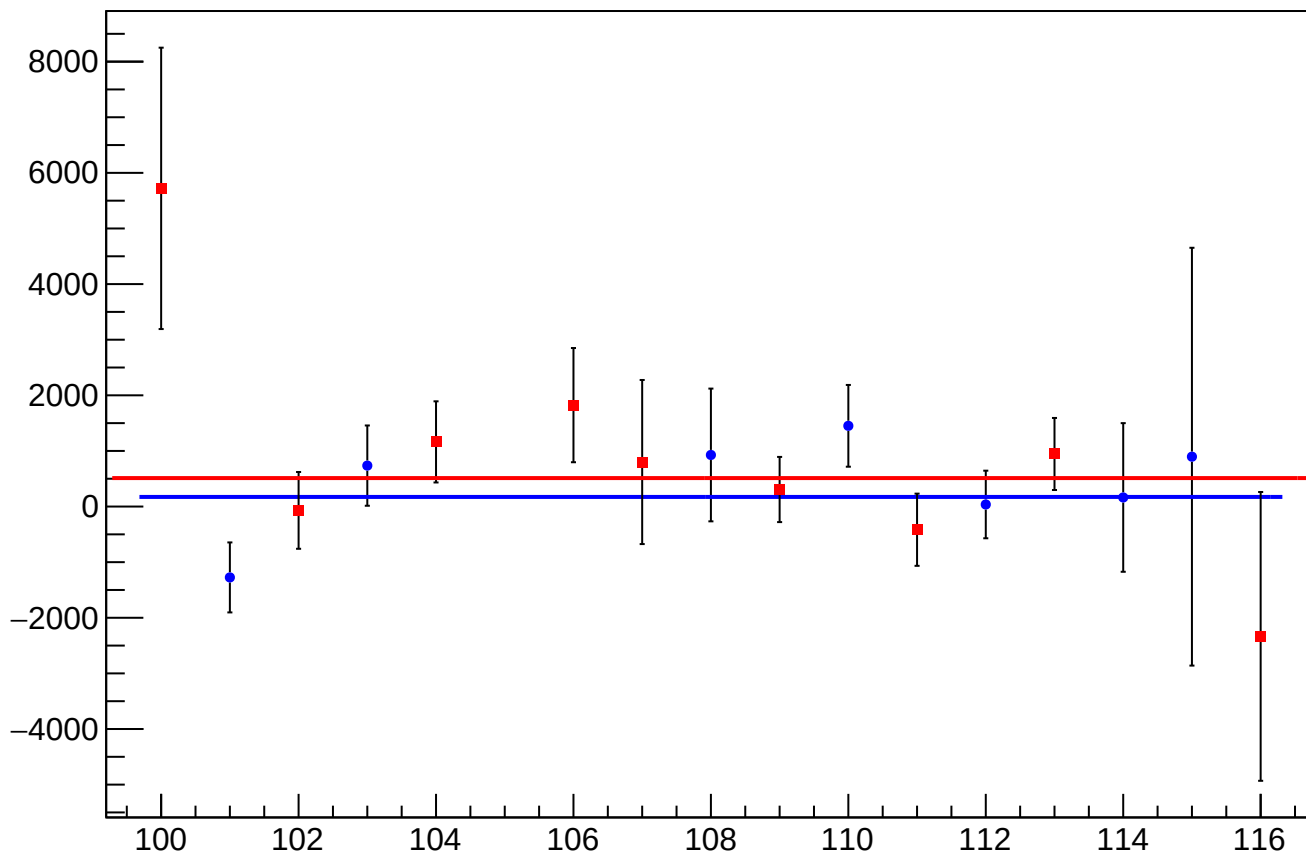
Right: 73.722 $\pm$ 0.022 χ^2 /NDF: 517244.2/15

In: 74.897 $\pm$ 0.033 χ^2 /NDF: 220192.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.722 $\pm$ 0.022 χ^2 /NDF: 517244.2/15

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 172.931+/-311.048 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.939+/-273.607 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

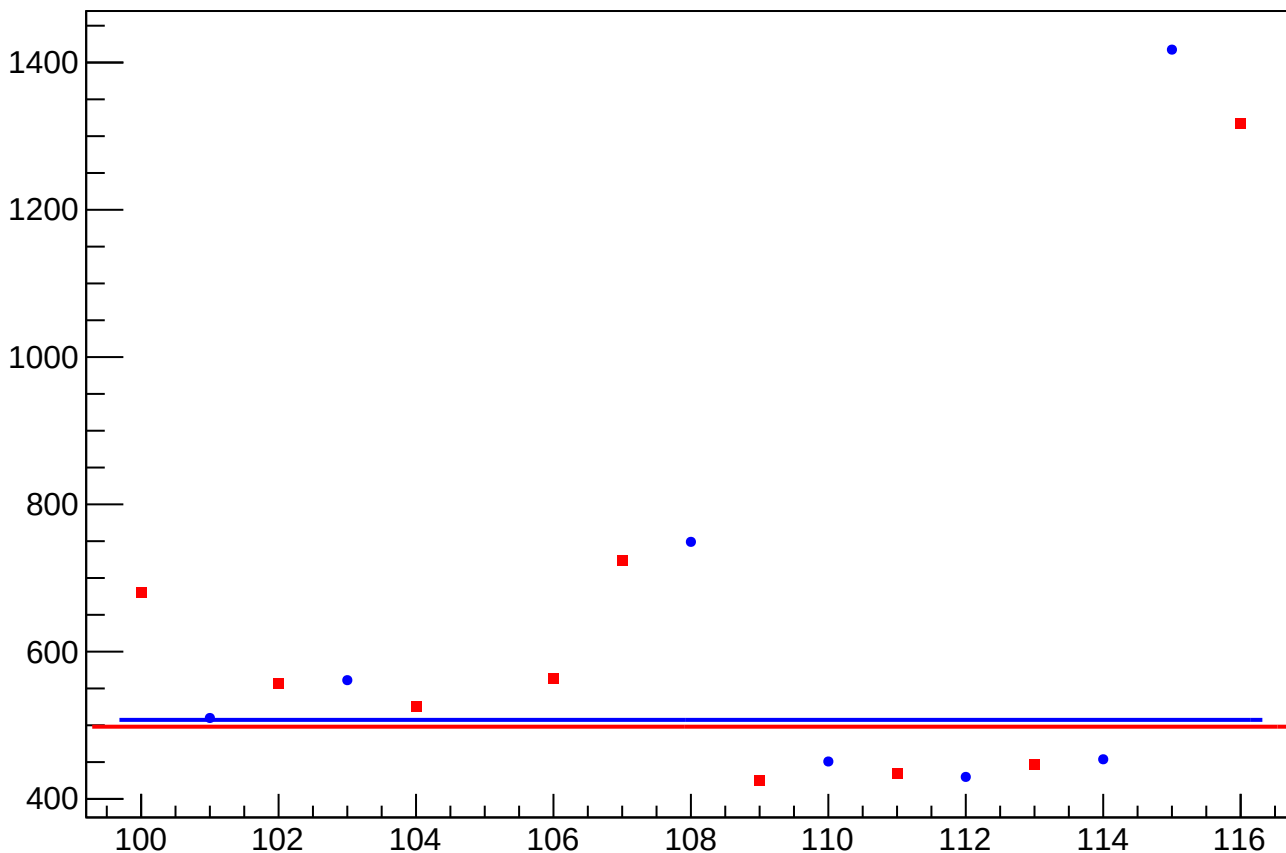
Right: 364.056+/-205.438 χ^2/NDF : 21.3/15

In: 172.931+/-311.048 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.056+/-205.438 χ^2/NDF : 21.3/15

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 507.341+/-0.220 χ^2/NDF : 258199.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.080+/-0.193 χ^2/NDF : 344197.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

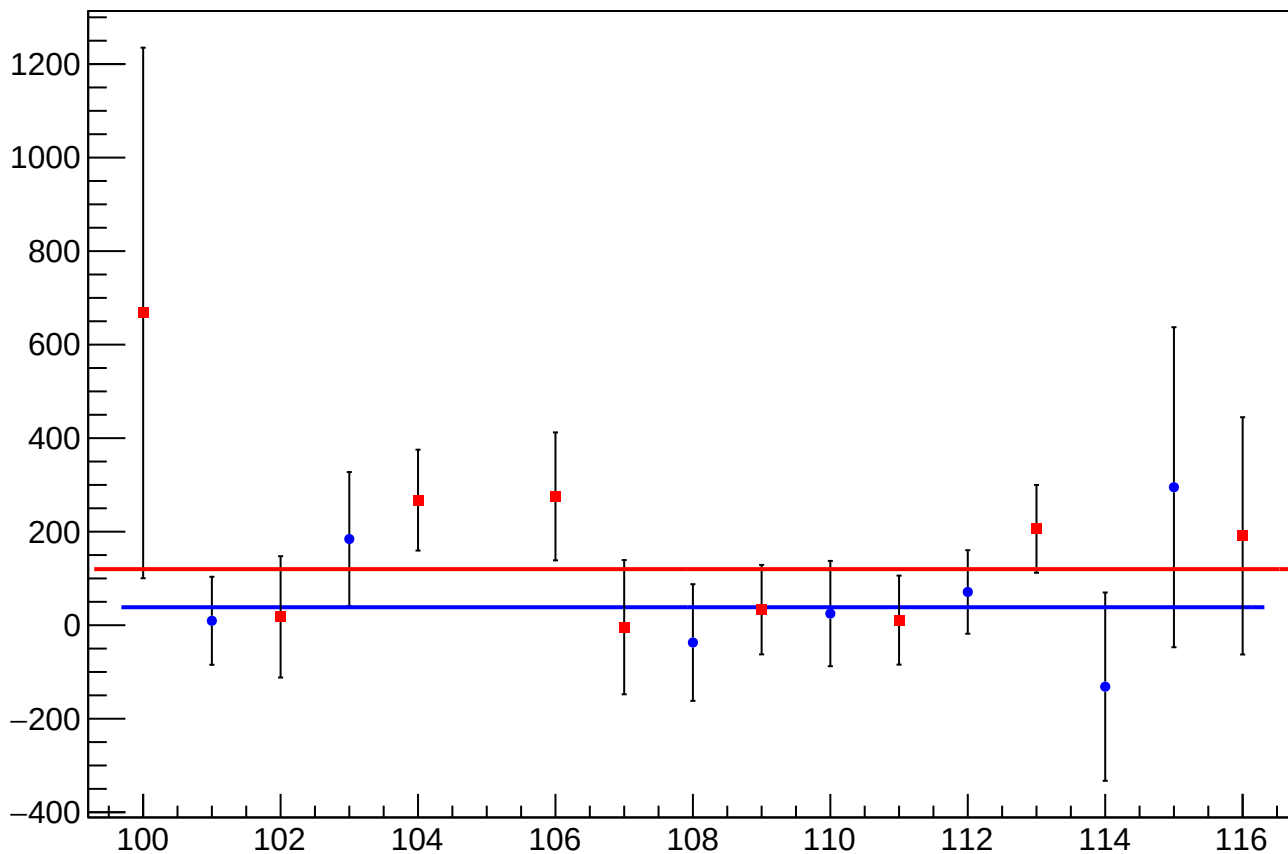
Right: 502.120+/-0.145 χ^2/NDF : 603396.4/15

In: 507.341+/-0.220 χ^2/NDF : 258199.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.120+/-0.145 χ^2/NDF : 603396.4/15

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 38.447+/-46.462 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.869+/-40.859 χ^2/NDF : 8.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

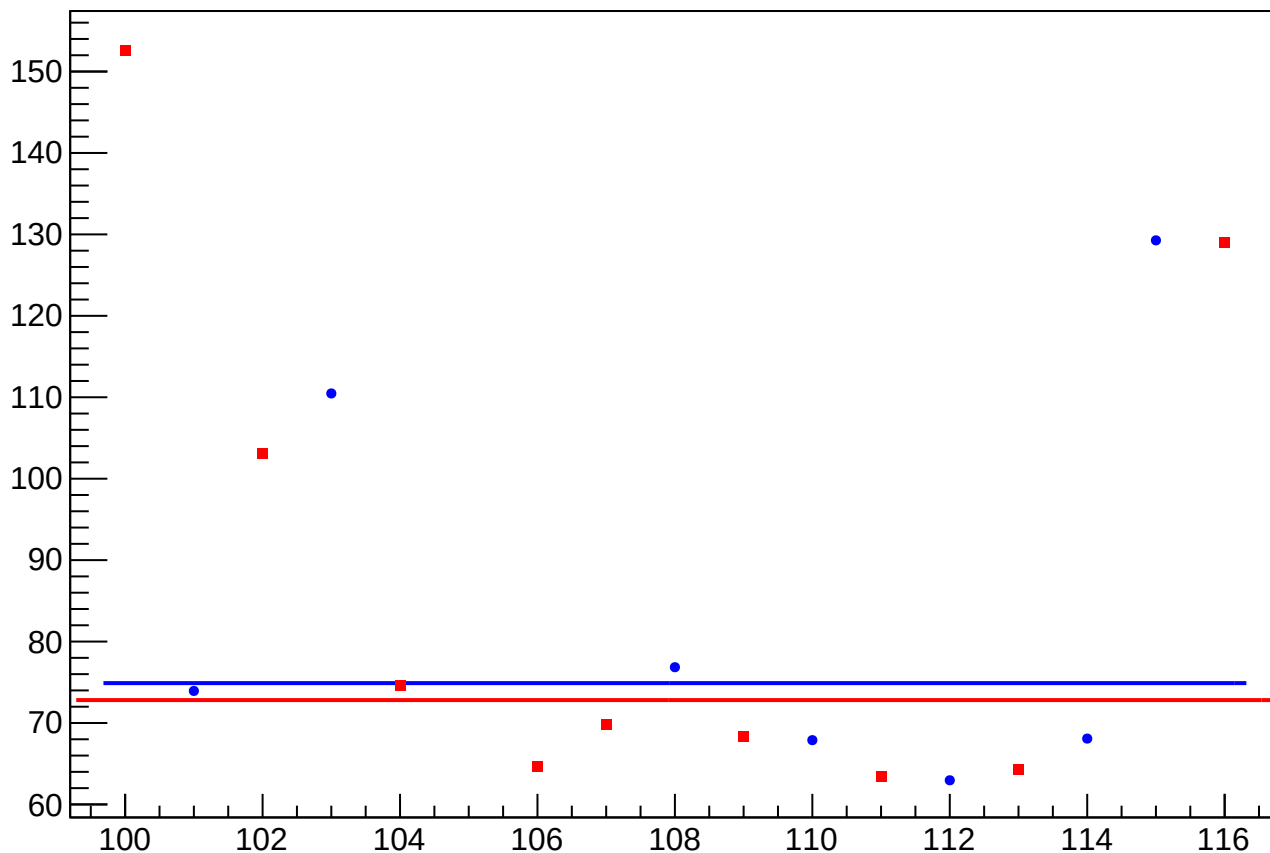
Right: 84.361+/-30.683 χ^2/NDF : 13.2/15

In: 38.447+/-46.462 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.361+/-30.683 χ^2/NDF : 13.2/15

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.897+/-0.033 χ^2/NDF : 220194.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.813+/-0.029 χ^2/NDF : 294785.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

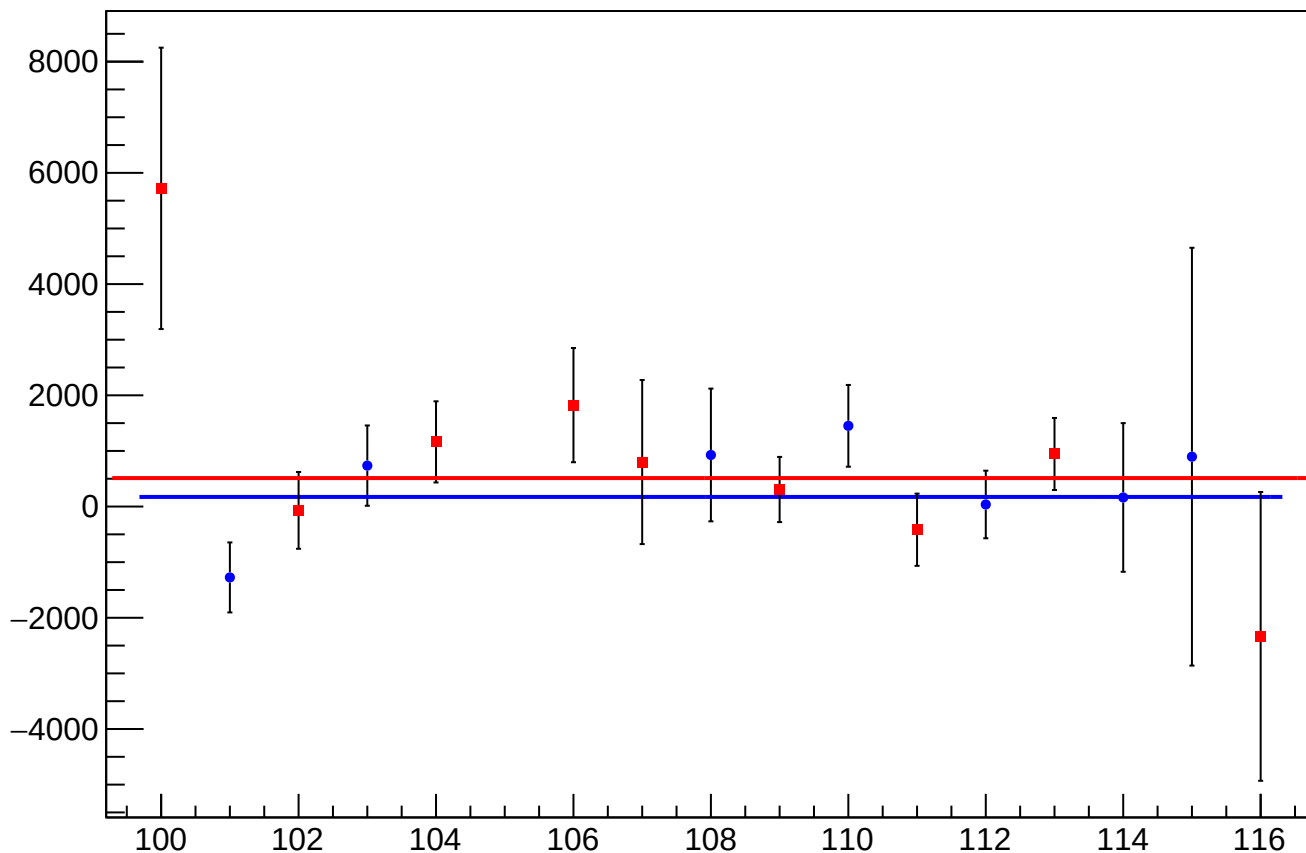
Right: 73.722+/-0.022 χ^2/NDF : 517248.2/15

In: 74.897+/-0.033 χ^2/NDF : 220194.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.722+/-0.022 χ^2/NDF : 517248.2/15

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 172.931+/-311.047 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.938+/-273.606 χ^2/NDF : 11.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

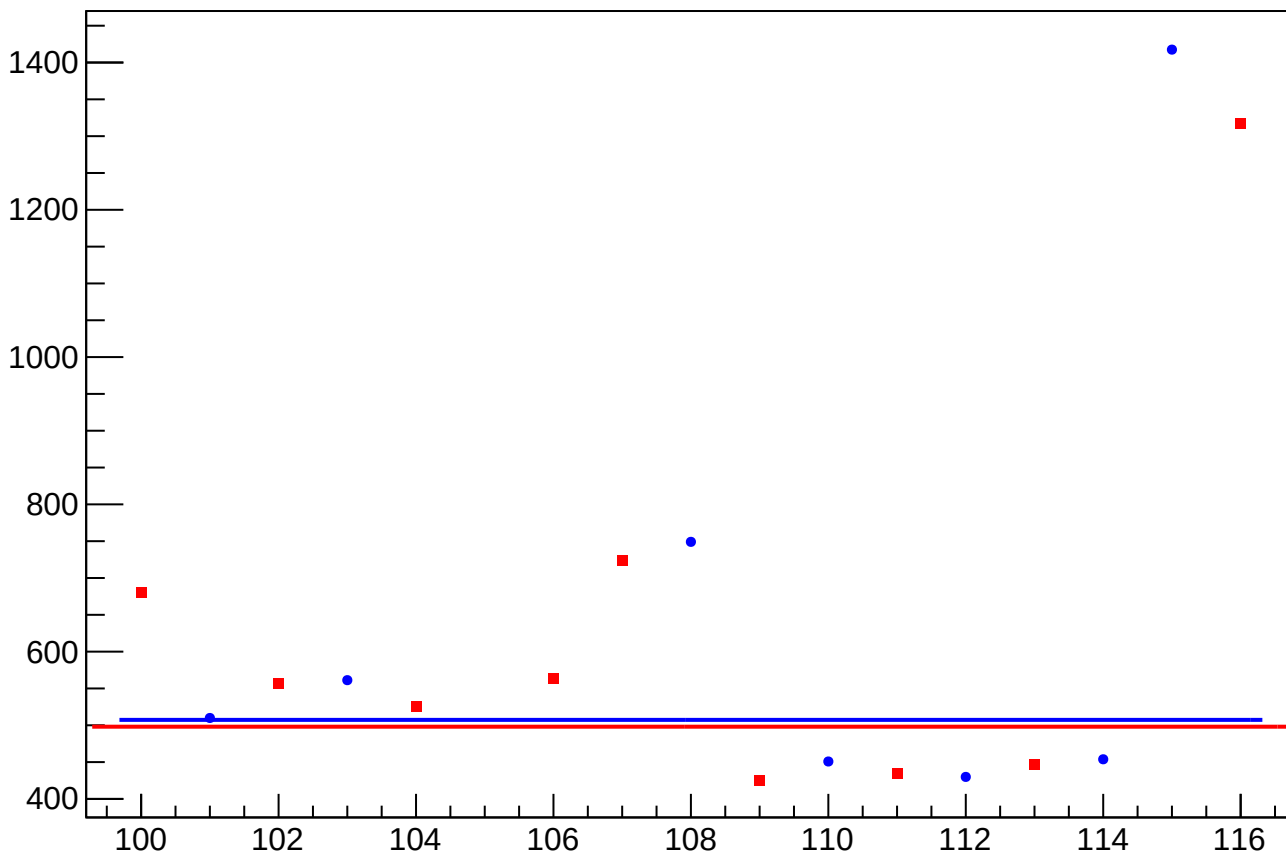
Right: 364.056+/-205.438 χ^2/NDF : 21.3/15

In: 172.931+/-311.047 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.056+/-205.438 χ^2/NDF : 21.3/15

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 507.340+/-0.220 χ^2/NDF : 258200.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.080+/-0.193 χ^2/NDF : 344199.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

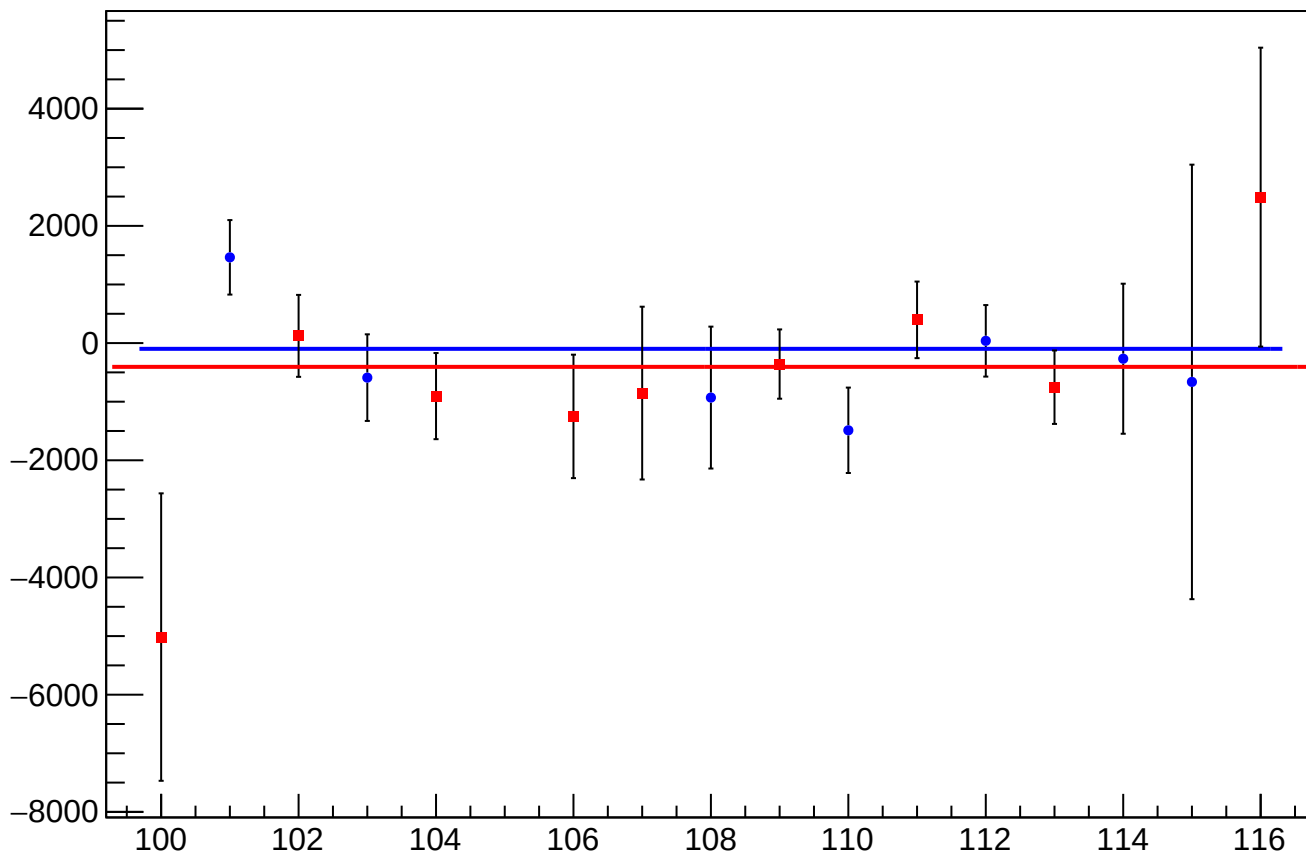
Right: 502.119+/-0.145 χ^2/NDF : 603399.4/15

In: 507.340+/-0.220 χ^2/NDF : 258200.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.119+/-0.145 χ^2/NDF : 603399.4/15

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -98.108+/-312.537 χ^2/NDF : 10.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -405.680+/-273.922 χ^2/NDF : 8.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

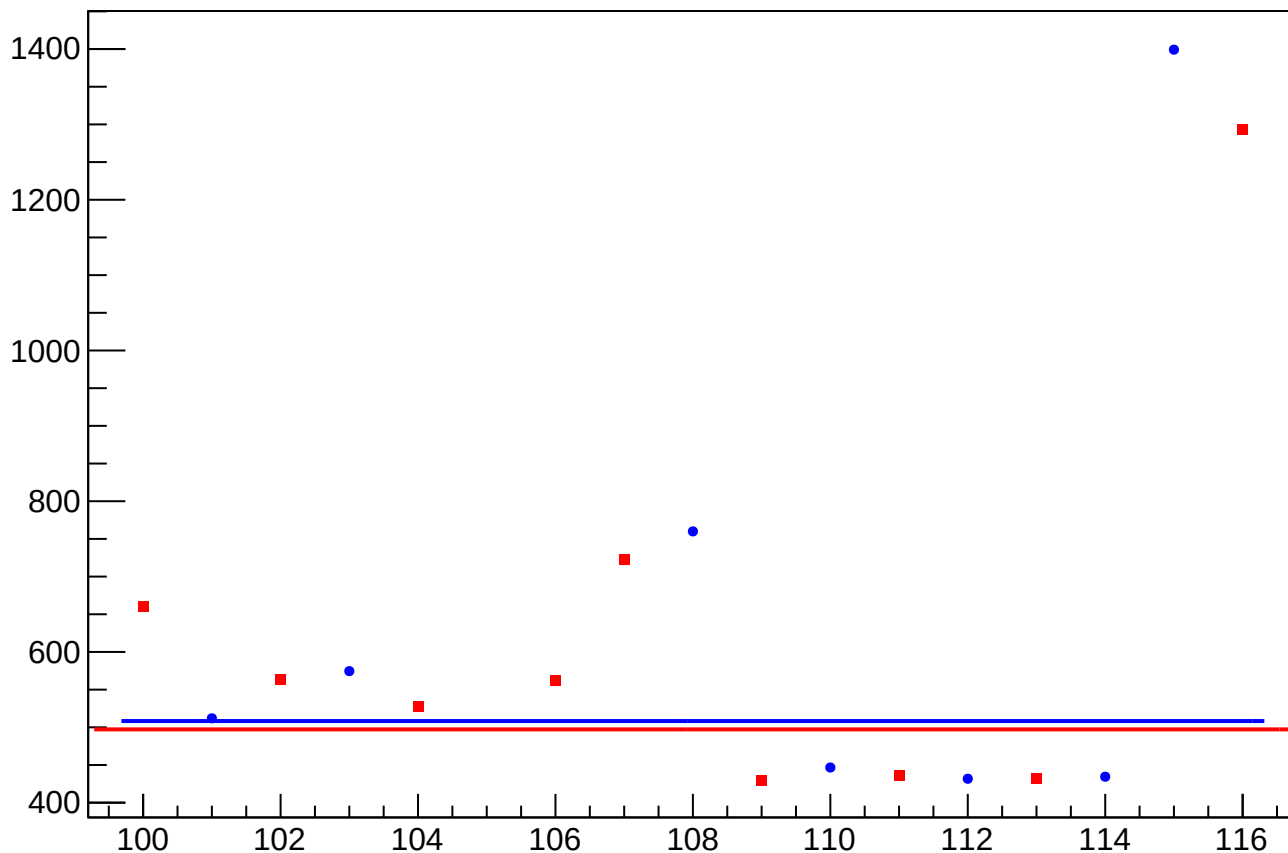
Right: -272.059+/-205.999 χ^2/NDF : 19.6/15

In: -98.108+/-312.537 χ^2/NDF : 10.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.059+/-205.999 χ^2/NDF : 19.6/15

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 508.318+/-0.221 χ^2/NDF : 270506.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.263+/-0.194 χ^2/NDF : 344525.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

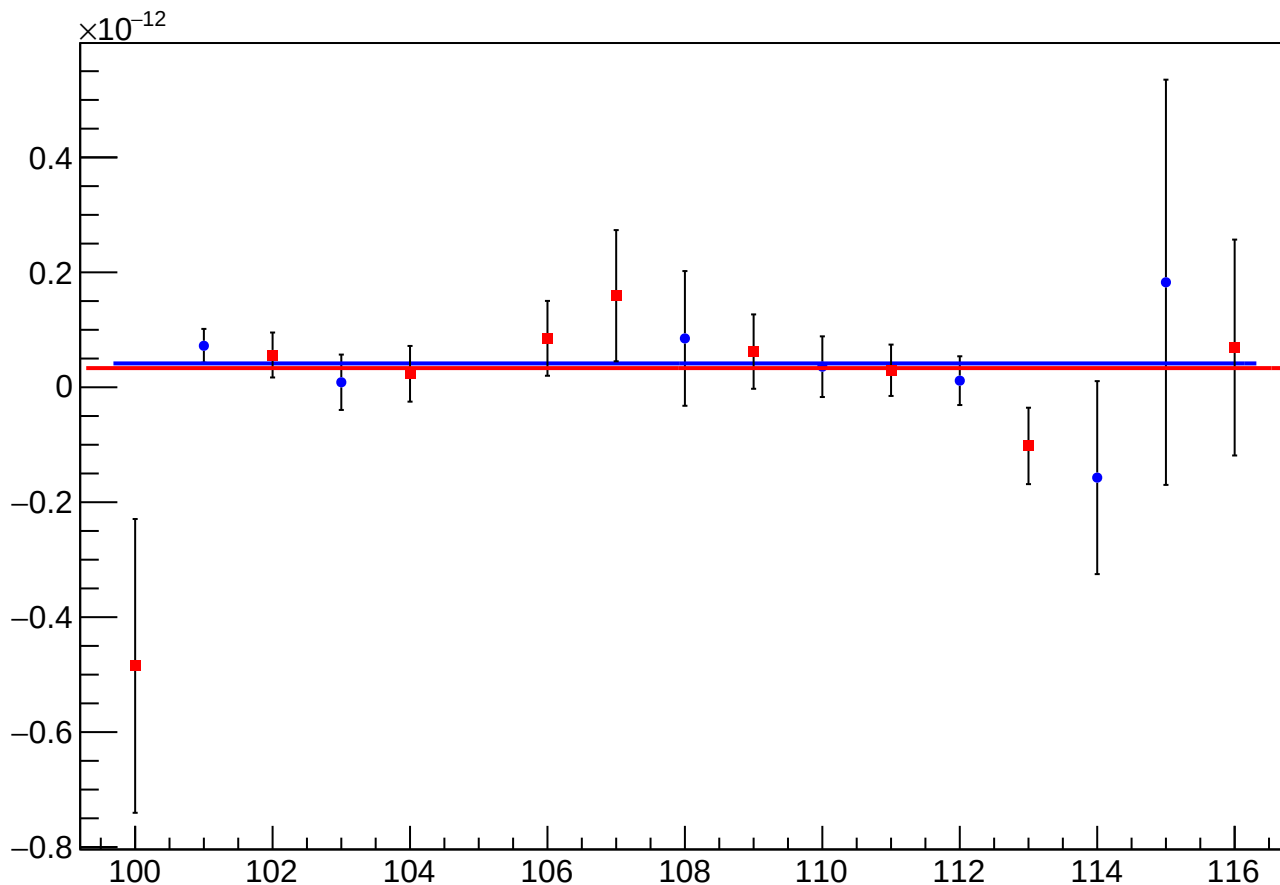
Right: 502.066+/-0.146 χ^2/NDF : 616446.9/15

In: 508.318+/-0.221 χ^2/NDF : 270506.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.066+/-0.146 χ^2/NDF : 616446.9/15

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

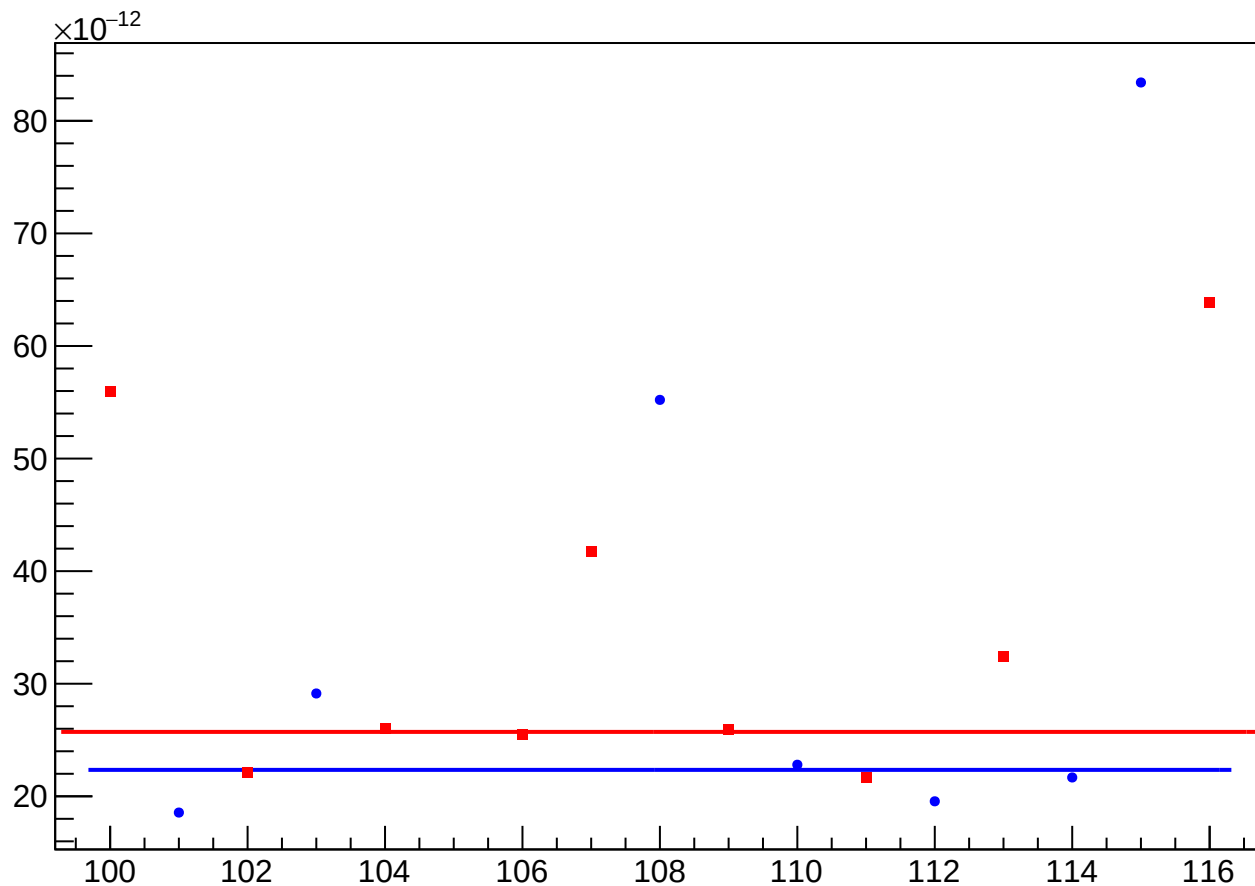
Right: 0.000+/-0.000 χ^2/NDF : 14.6/15

In: 0.000+/-0.000 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.6/15

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 299148.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 204262.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

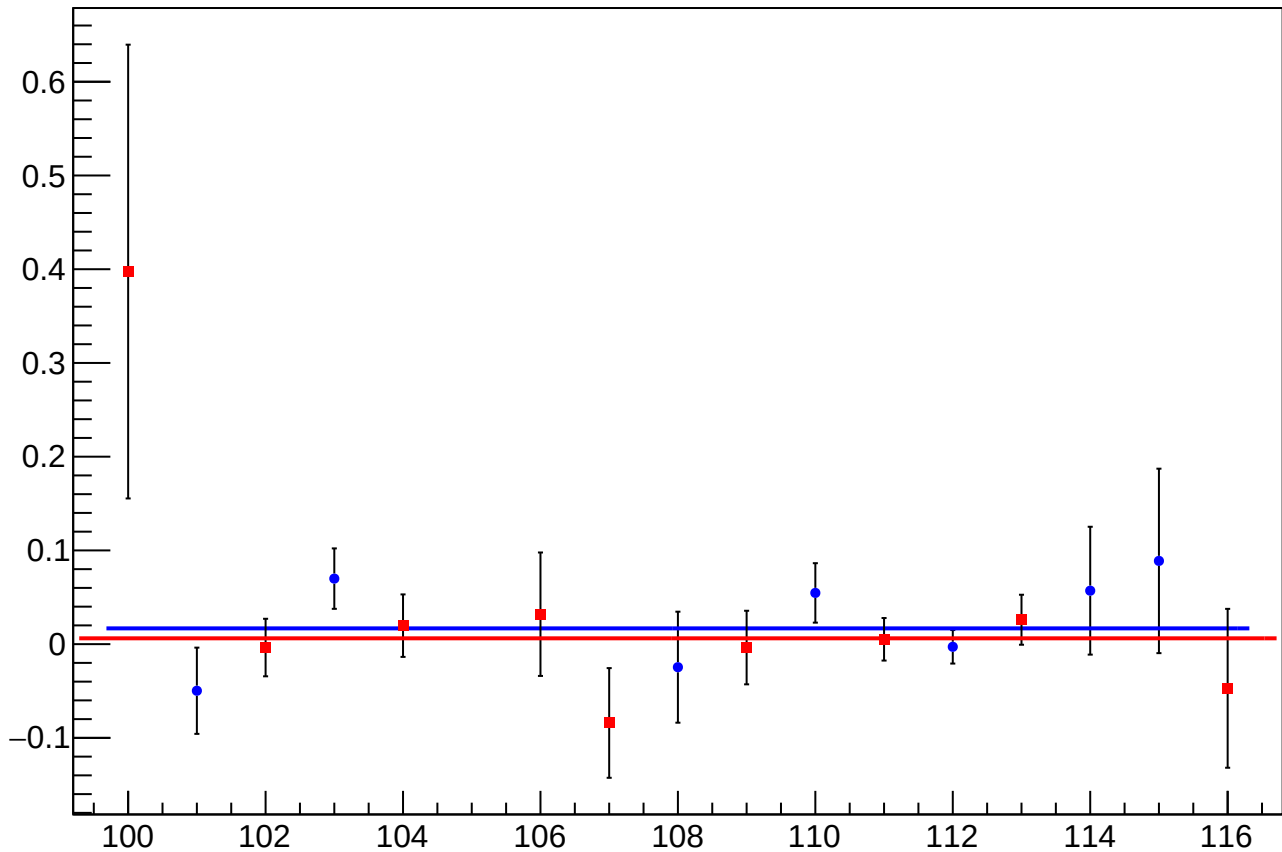
Right: 0.000+/-0.000 χ^2/NDF : 531937.5/15

In: 0.000+/-0.000 χ^2/NDF : 299148.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 531937.5/15

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

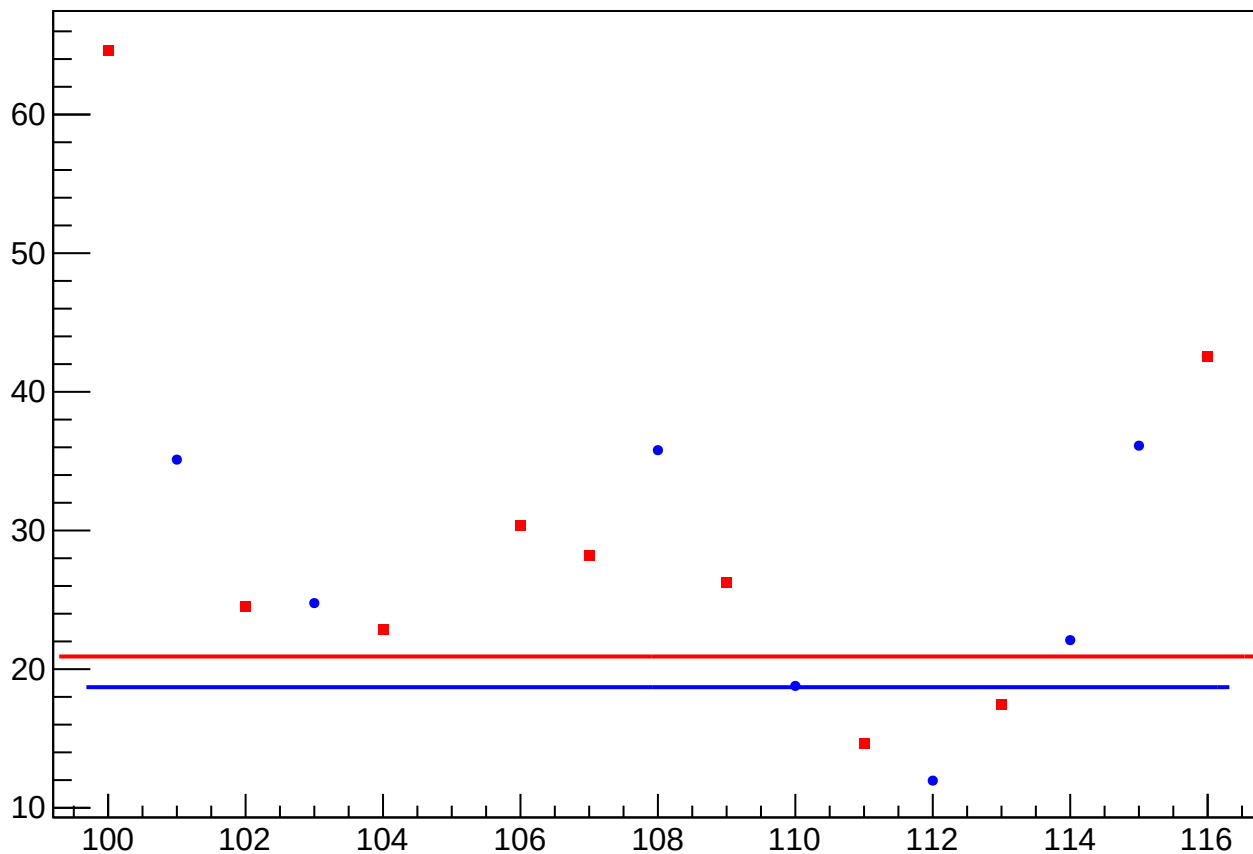
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 15.6/15

In: 0.017 $\pm$ 0.013 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 15.6/15

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.700+/-0.009 χ^2/NDF : 843686.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.915+/-0.009 χ^2/NDF : 527426.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

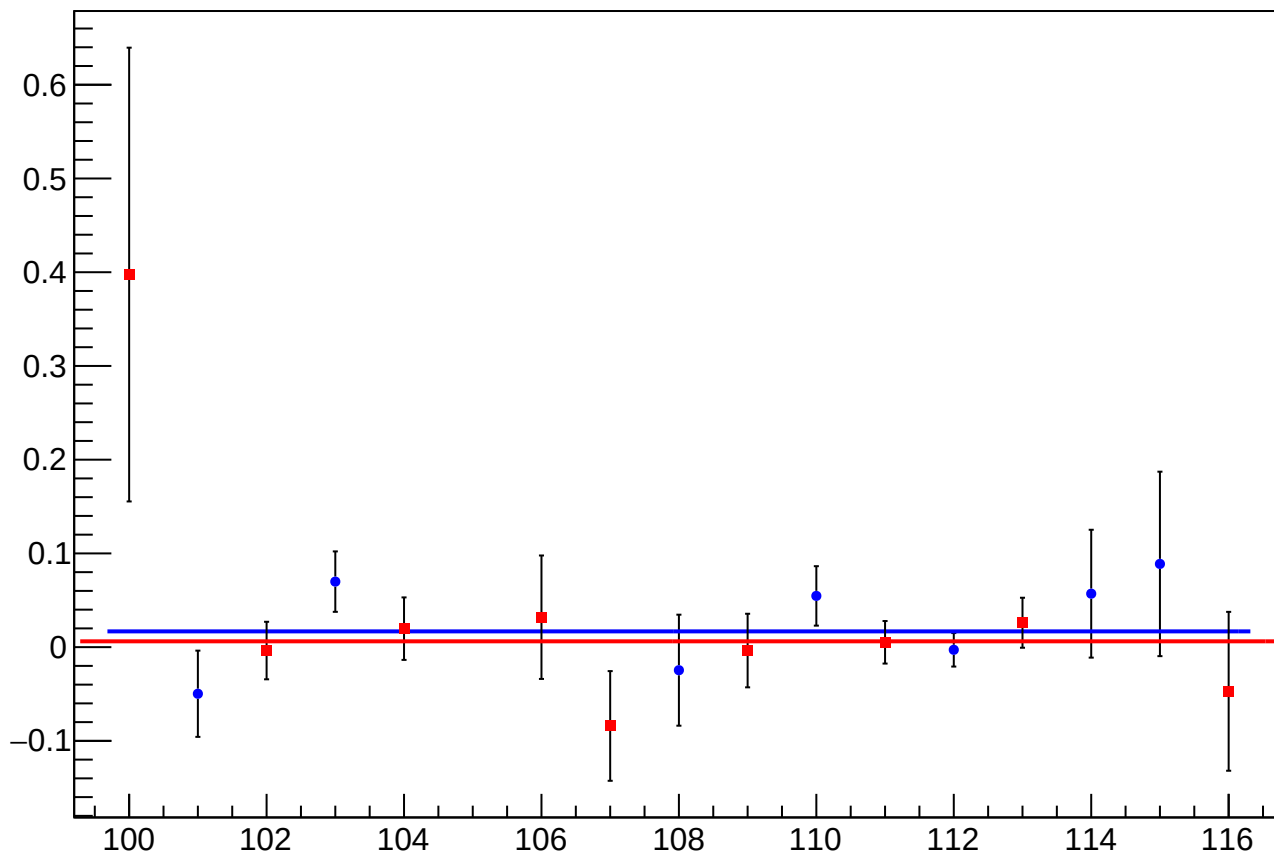
Right: 19.849+/-0.006 χ^2/NDF : 1402456.3/15

In: 18.700+/-0.009 χ^2/NDF : 843686.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.849+/-0.006 χ^2/NDF : 1402456.3/15

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.012 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

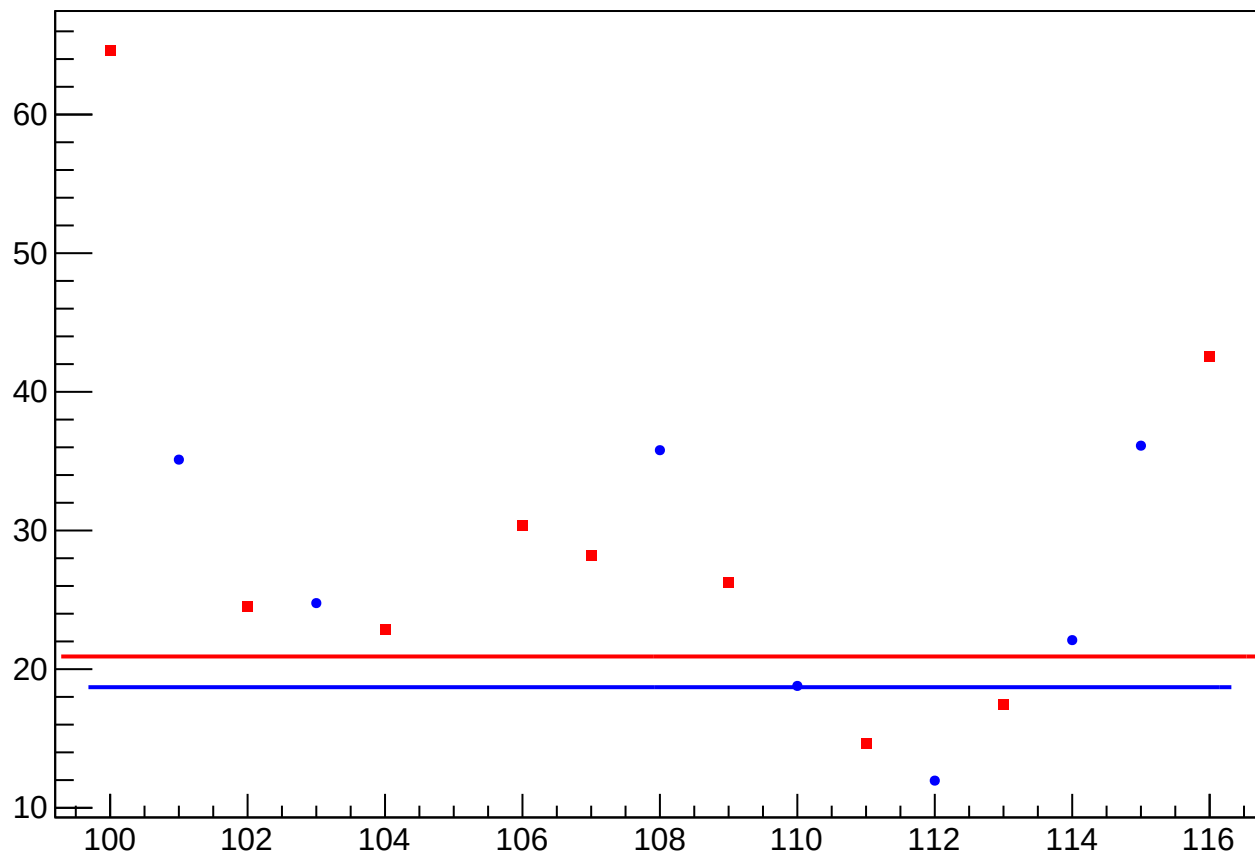
Right: 0.011+/-0.009 χ^2/NDF : 15.6/15

In: 0.017+/-0.013 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.009 χ^2/NDF : 15.6/15

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.700+/-0.009 χ^2/NDF : 843686.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.915+/-0.009 χ^2/NDF : 527426.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

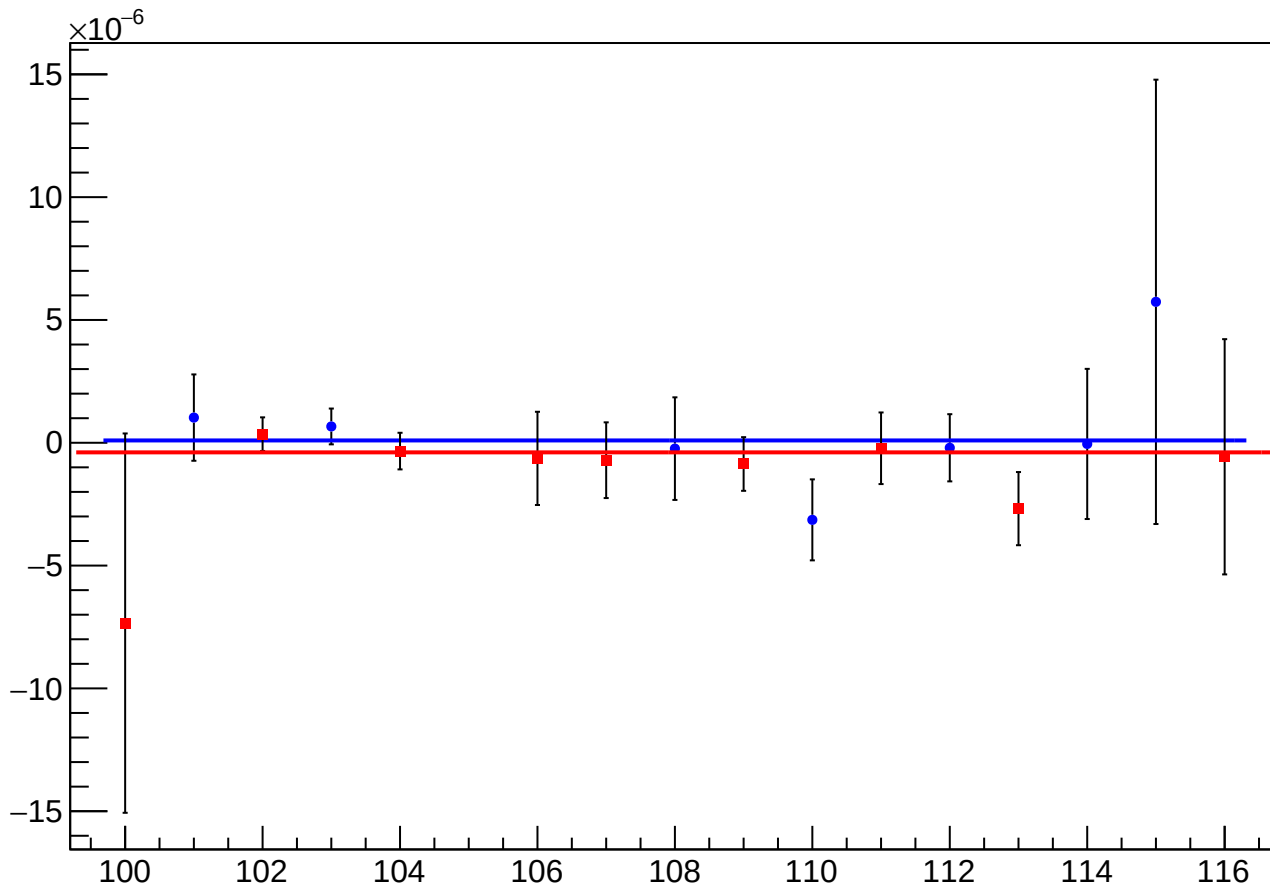
Right: 19.849+/-0.006 χ^2/NDF : 1402456.3/15

In: 18.700+/-0.009 χ^2/NDF : 843686.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.849+/-0.006 χ^2/NDF : 1402456.3/15

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

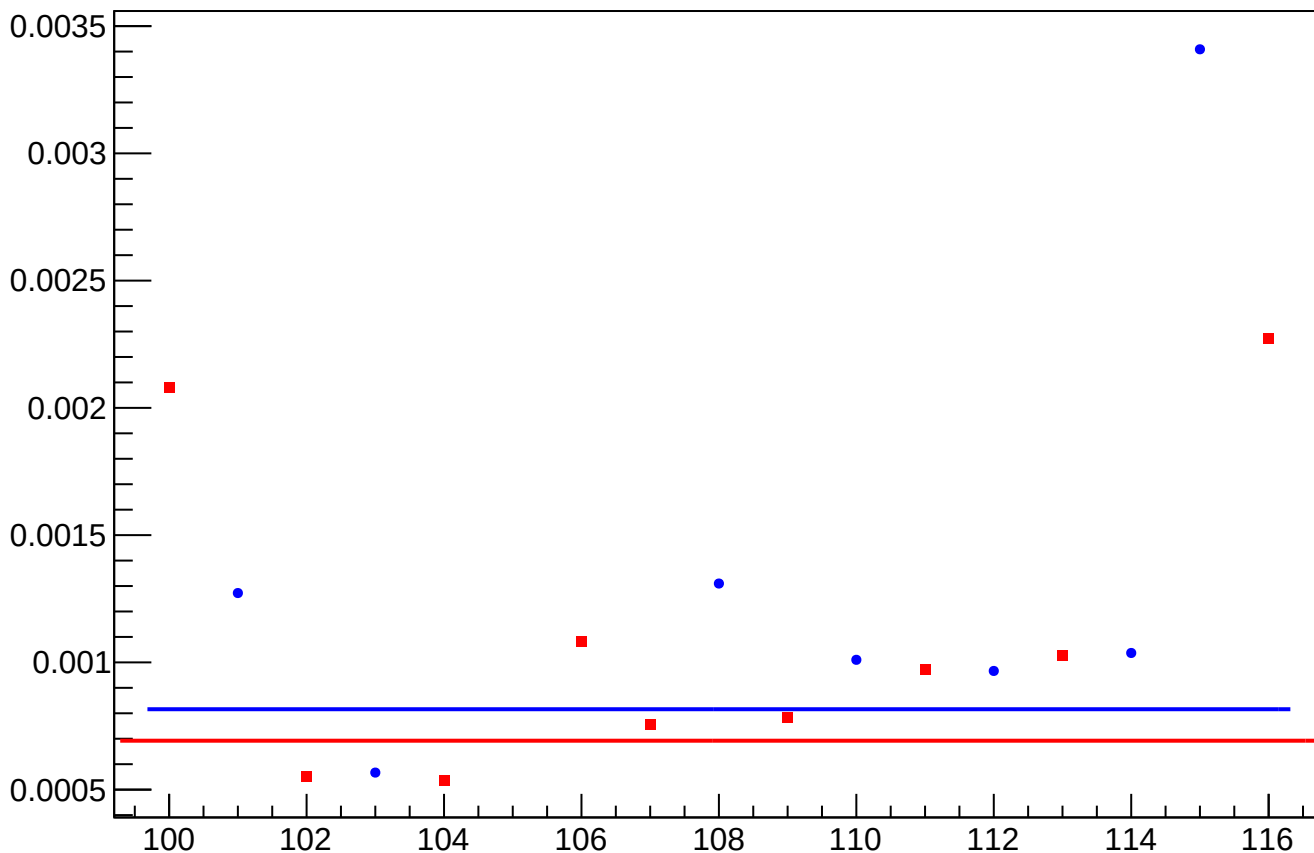
Right: -0.000+/-0.000 χ^2/NDF : 10.3/15

In: 0.000+/-0.000 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/15

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 706611.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 733299.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

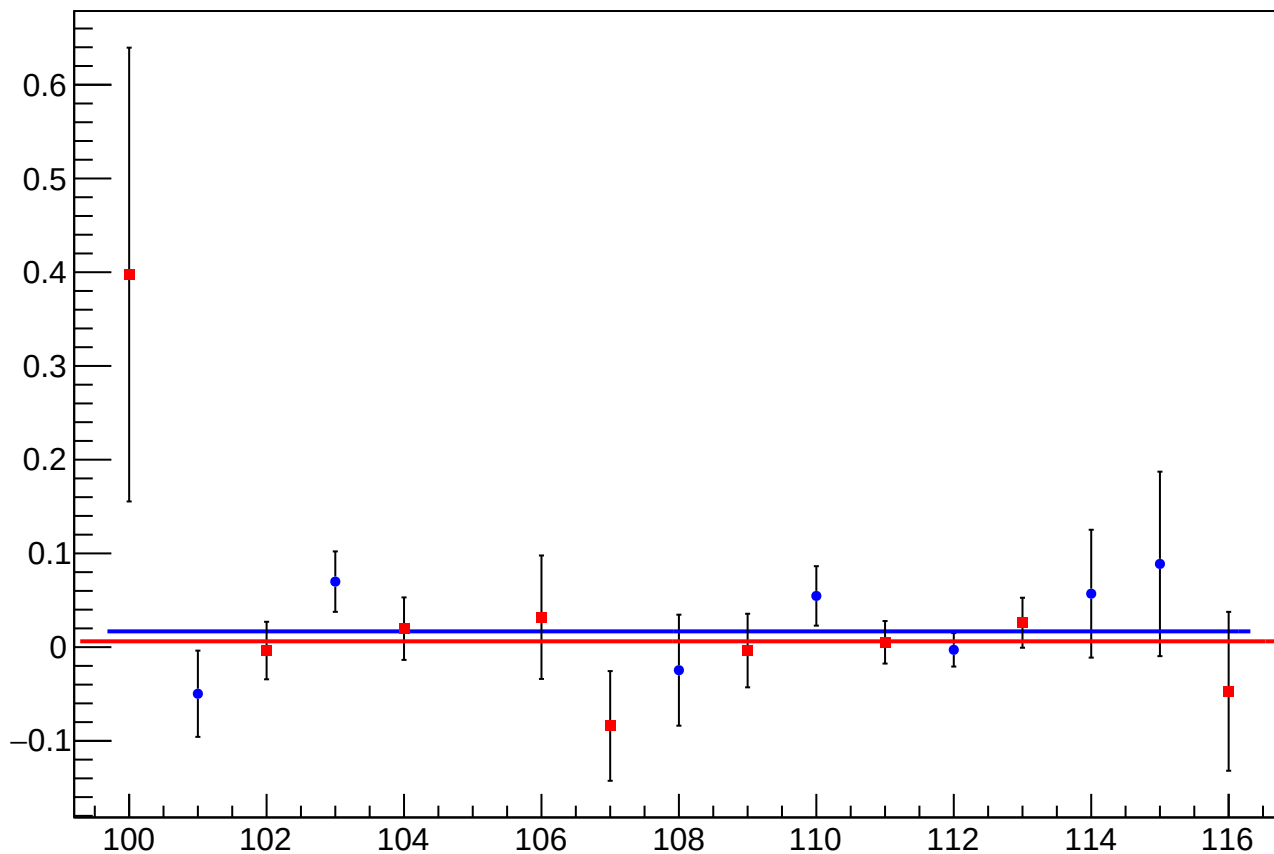
Right: 0.001+/-0.000 χ^2/NDF : 1508751.2/15

In: 0.001+/-0.000 χ^2/NDF : 706611.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1508751.2/15

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

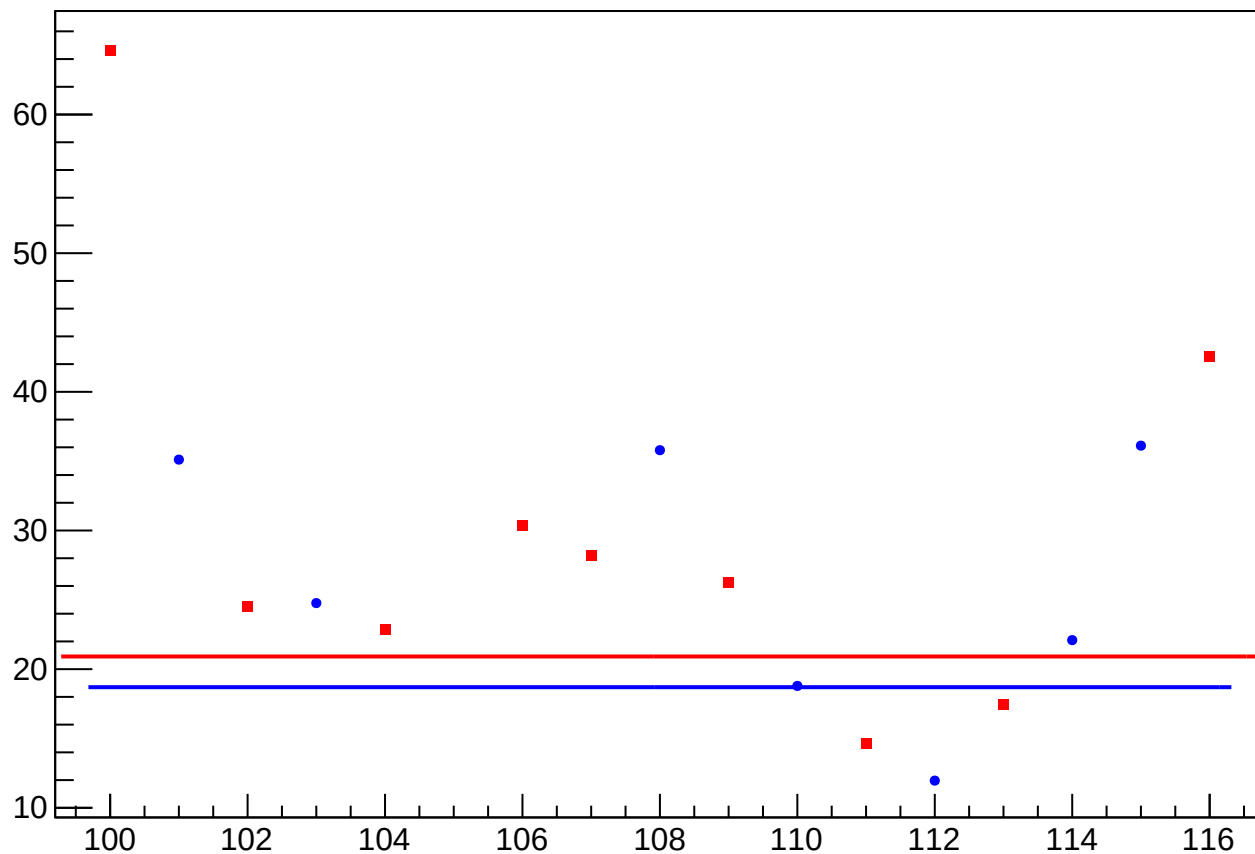
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 15.6/15

In: 0.017 $\pm$ 0.013 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 15.6/15

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.700+/-0.009 χ^2/NDF : 843762.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.914+/-0.009 χ^2/NDF : 527496.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

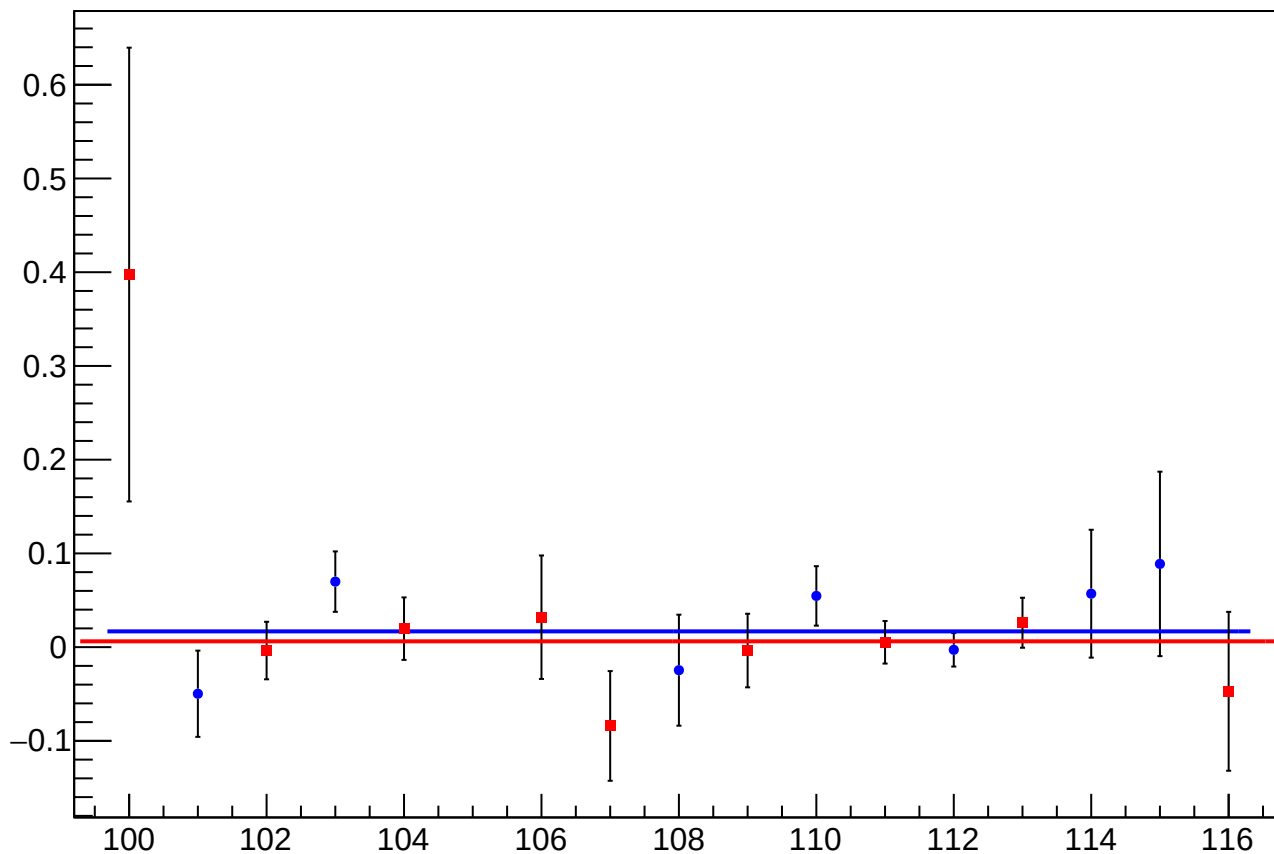
Right: 19.848+/-0.006 χ^2/NDF : 1402607.7/15

In: 18.700+/-0.009 χ^2/NDF : 843762.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.848+/-0.006 χ^2/NDF : 1402607.7/15

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

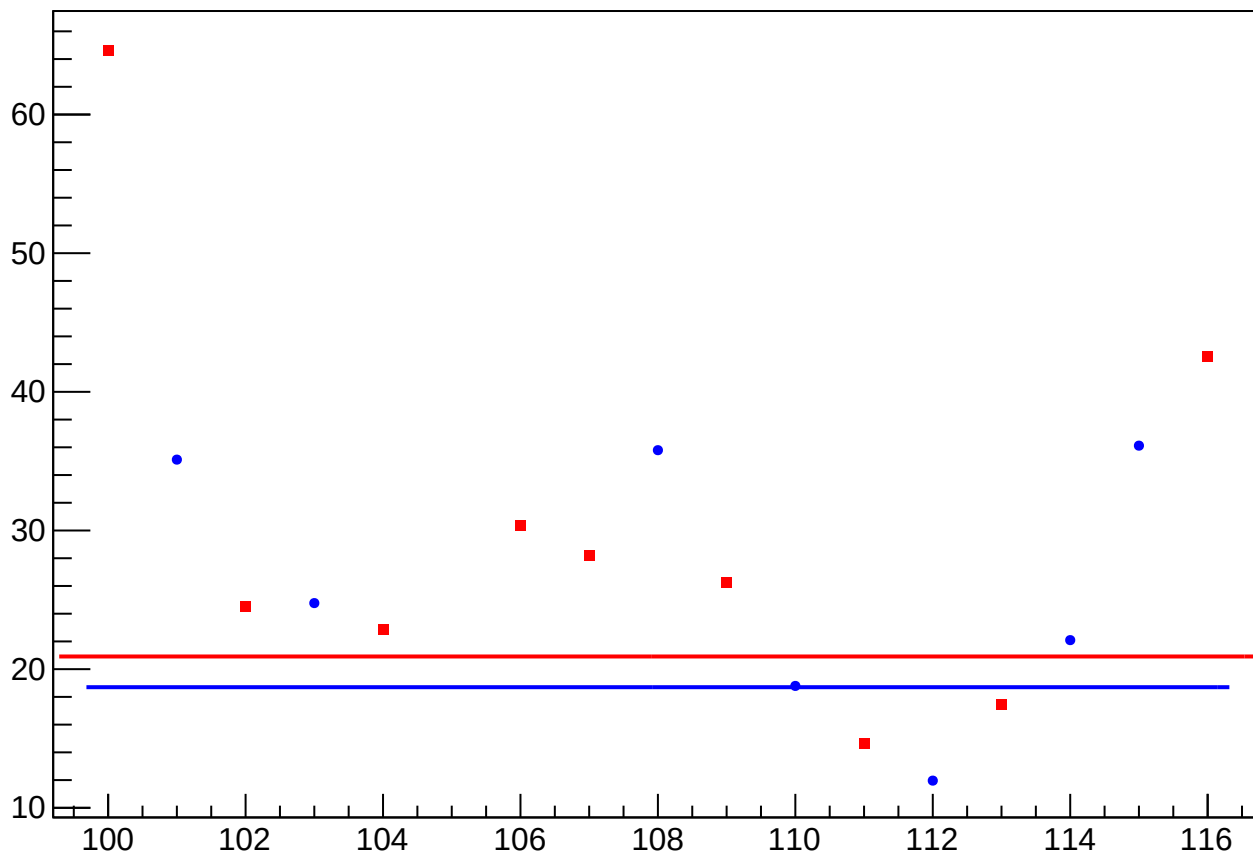
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 15.6/15

In: 0.017 $\pm$ 0.013 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 15.6/15

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.700+/-0.009 χ^2/NDF : 843762.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.914+/-0.009 χ^2/NDF : 527496.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

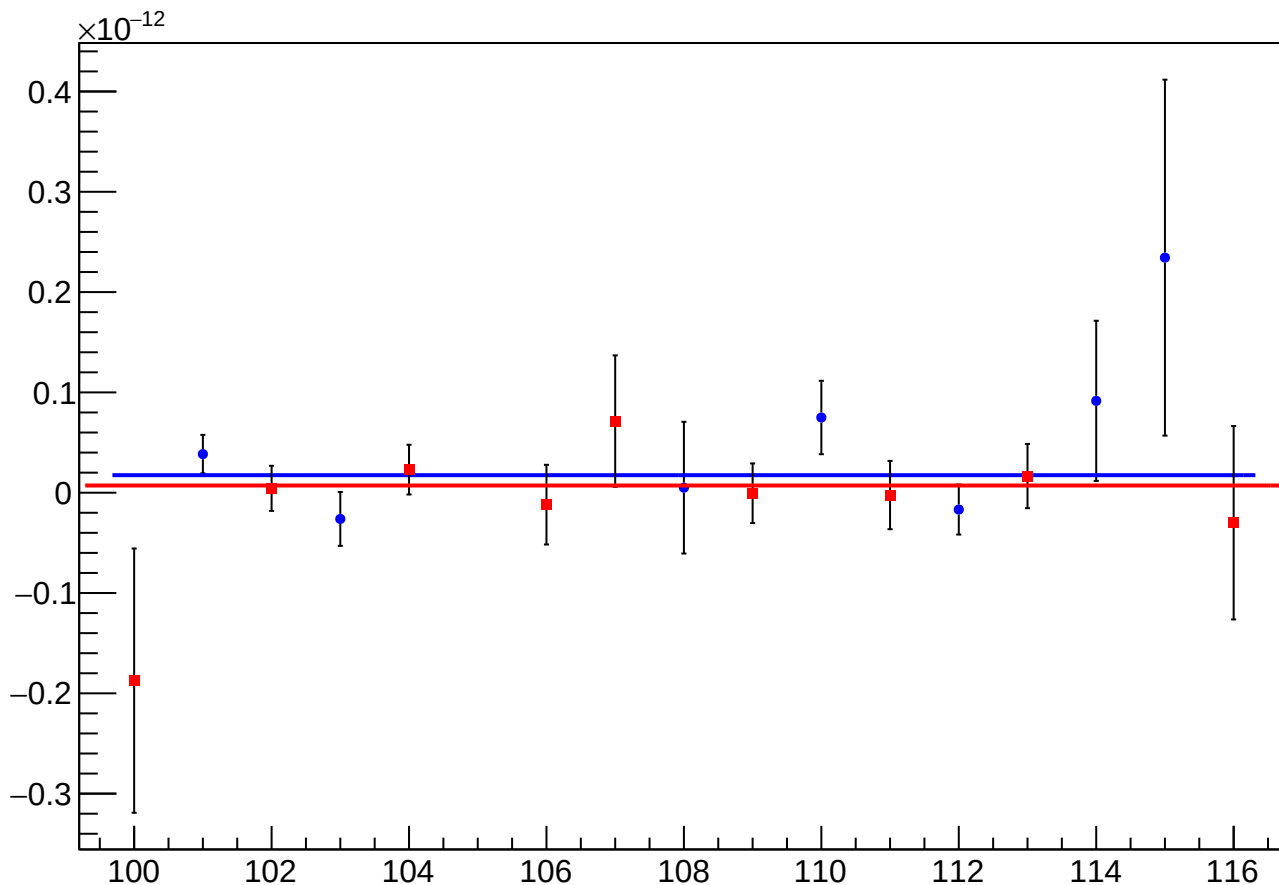
Right: 19.848+/-0.006 χ^2/NDF : 1402607.7/15

In: 18.700+/-0.009 χ^2/NDF : 843762.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.848+/-0.006 χ^2/NDF : 1402607.7/15

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

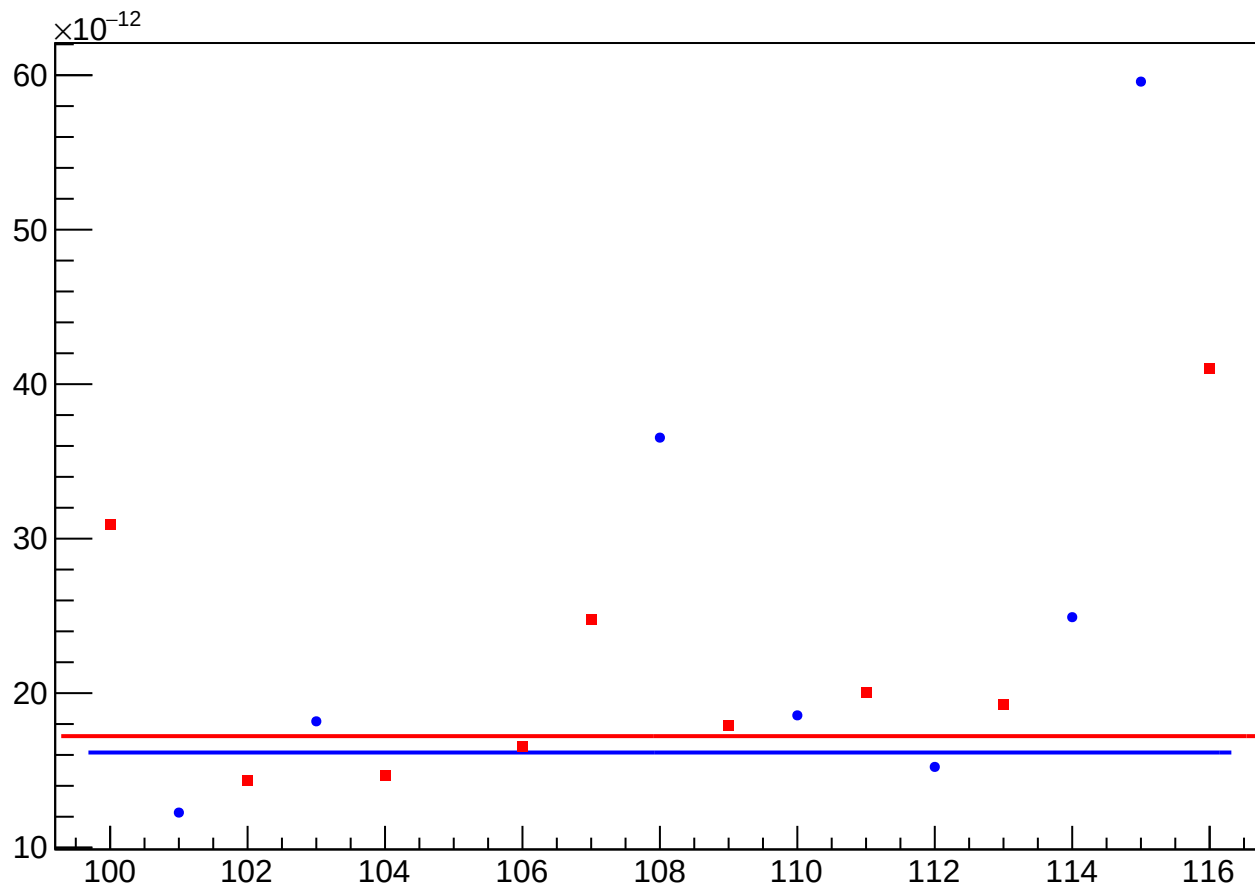
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/15

In: 0.000 $\pm$ 0.000 χ^2 /NDF:10.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/15

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 441564.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 249228.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

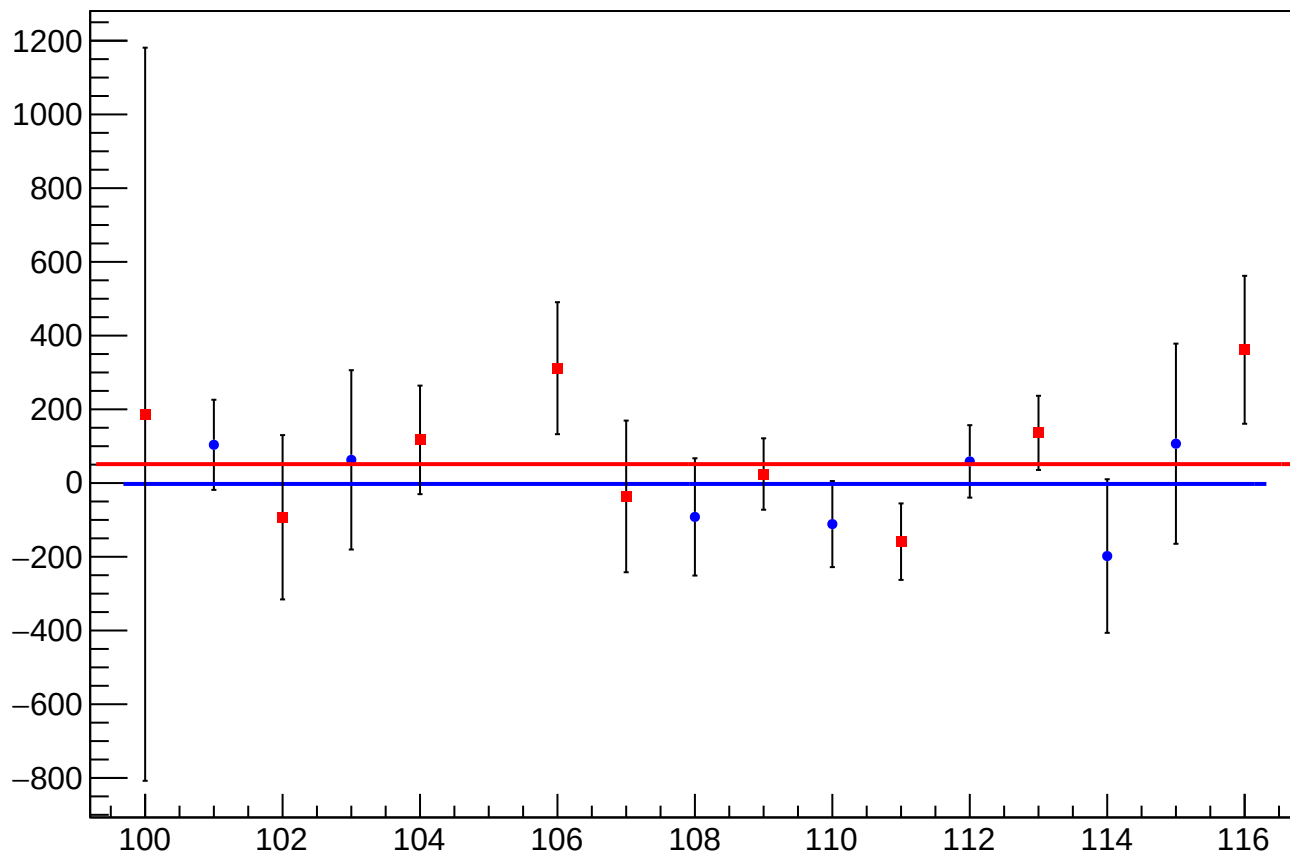
Right: 0.000+/-0.000 χ^2/NDF : 698909.6/15

In: 0.000+/-0.000 χ^2/NDF : 441564.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 698909.6/15

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -2.400+/-54.480 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.373+/-47.389 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

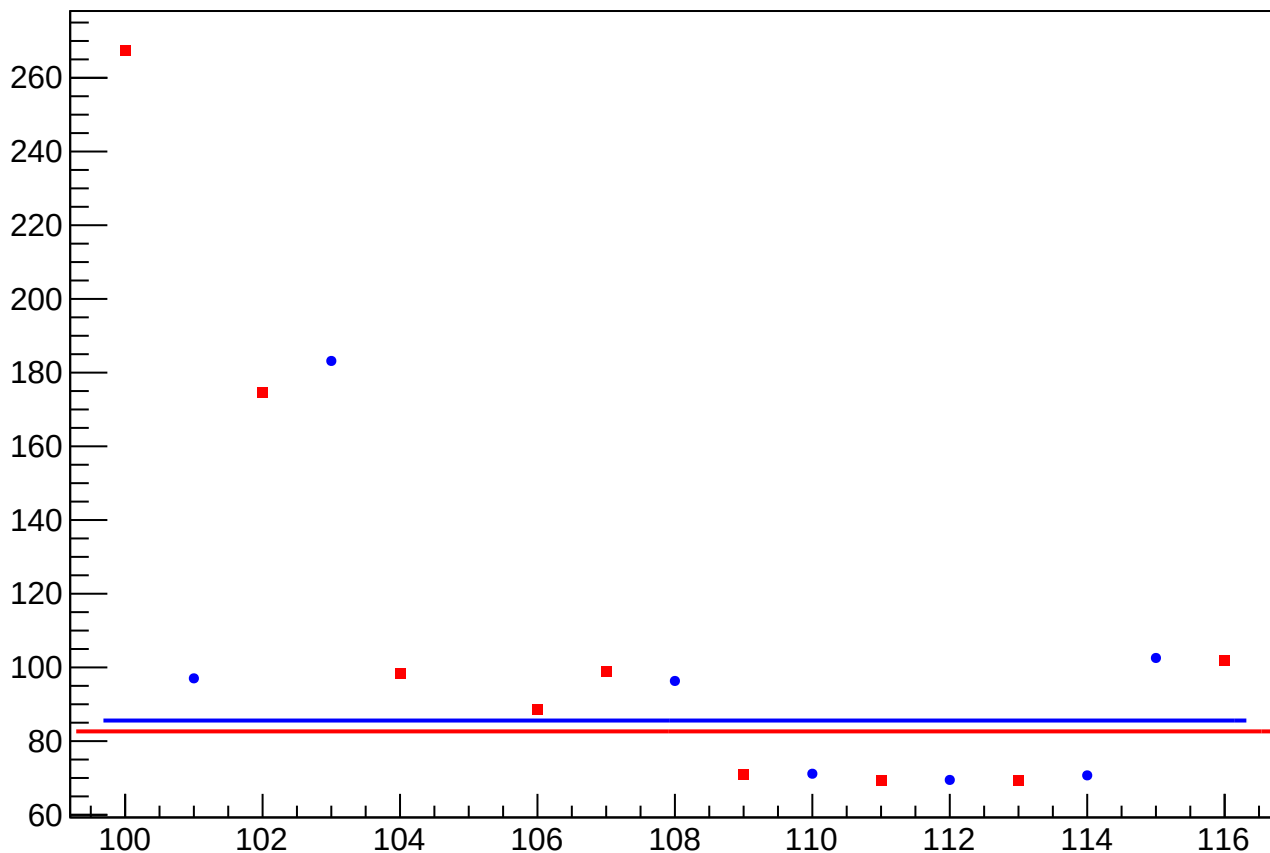
Right: 28.211+/-35.755 χ^2/NDF : 14.2/15

In: -2.400+/-54.480 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.211+/-35.755 χ^2/NDF : 14.2/15

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.588+/-0.039 χ^2/NDF : 451018.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.641+/-0.034 χ^2/NDF : 563476.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

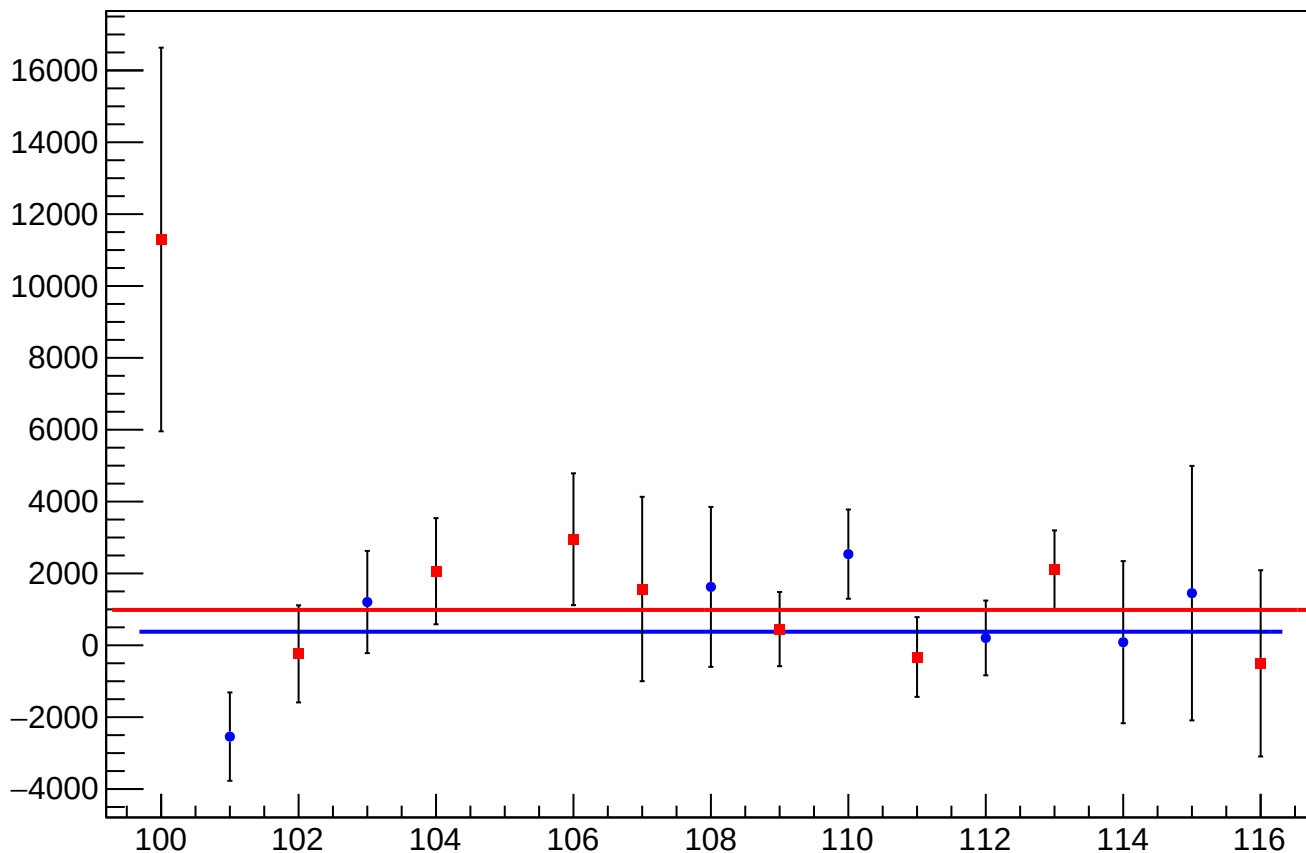
Right: 83.911+/-0.025 χ^2/NDF : 1017826.0/15

In: 85.588+/-0.039 χ^2/NDF : 451018.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.911+/-0.025 χ^2/NDF : 1017826.0/15

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 377.847 $\pm$ 558.415 χ^2 /NDF: 9.4/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 984.791 $\pm$ 486.762 χ^2 /NDF: 9.3/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

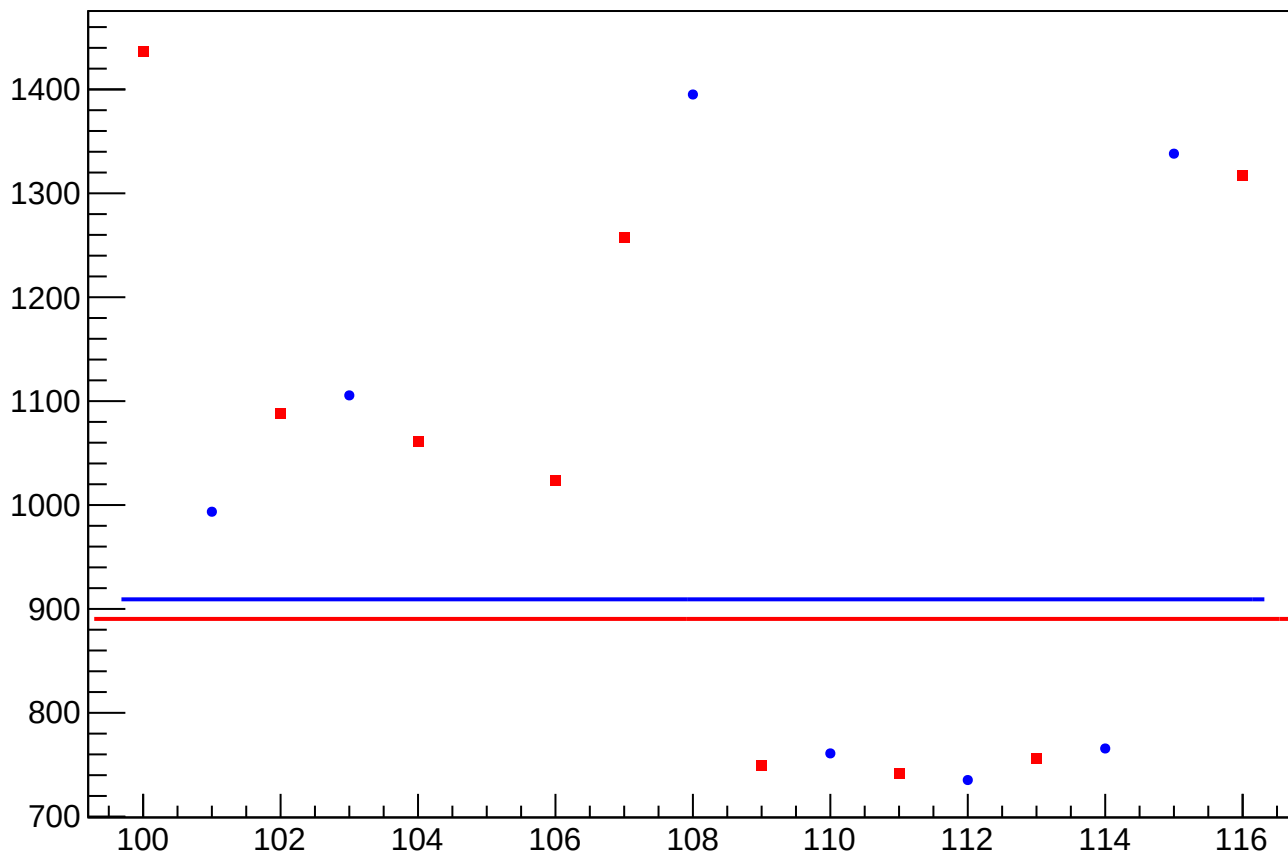
Right: 722.734 $\pm$ 366.928 χ^2 /NDF: 19.4/15

In: 377.847 $\pm$ 558.415 χ^2 /NDF:9.4/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 722.734 $\pm$ 366.928 χ^2 /NDF: 19.4/15

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 909.236+/-0.395 χ^2/NDF : 264736.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 890.394+/-0.344 χ^2/NDF : 299463.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

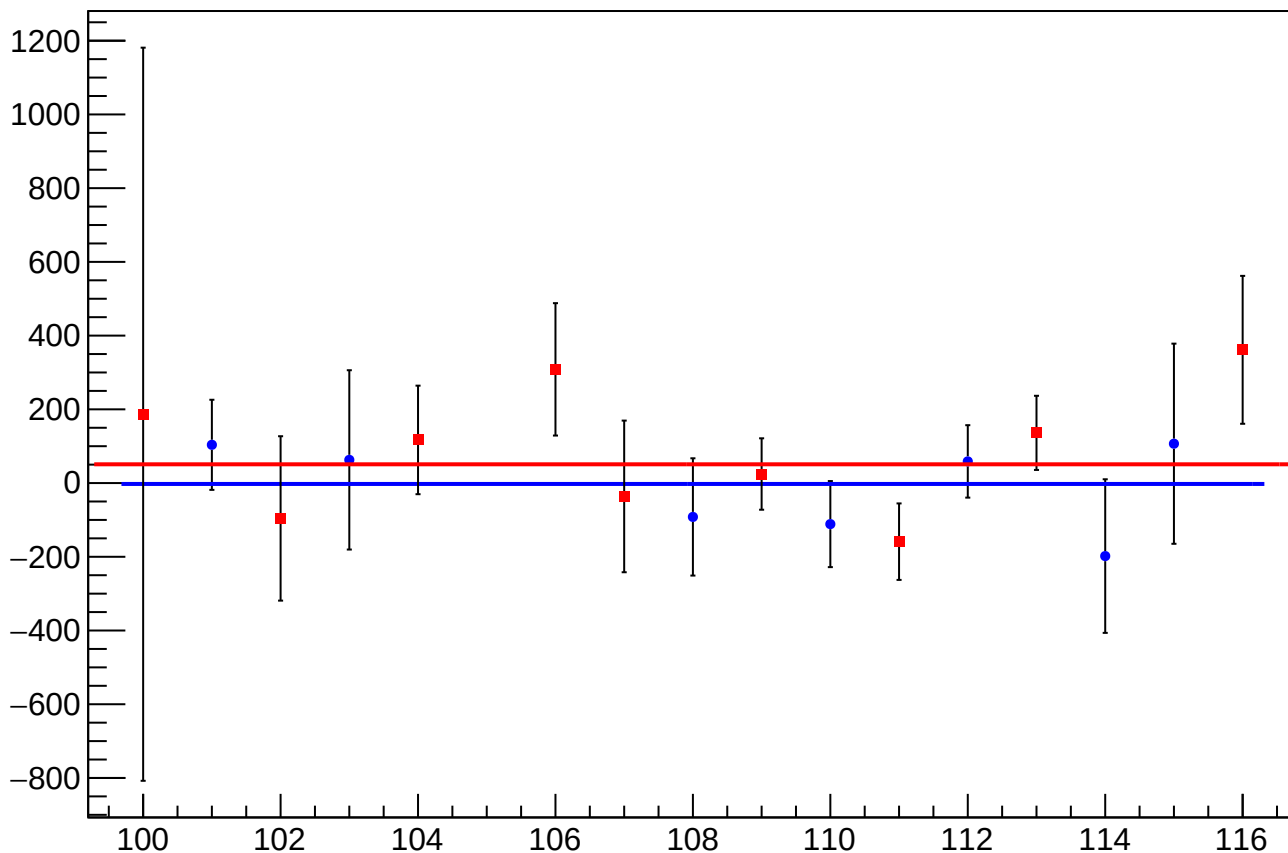
Right: 898.529+/-0.259 χ^2/NDF : 565494.0/15

In: 909.236+/-0.395 χ^2/NDF : 264736.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.529+/-0.259 χ^2/NDF : 565494.0/15

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -2.424+/-54.480 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.897+/-47.400 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

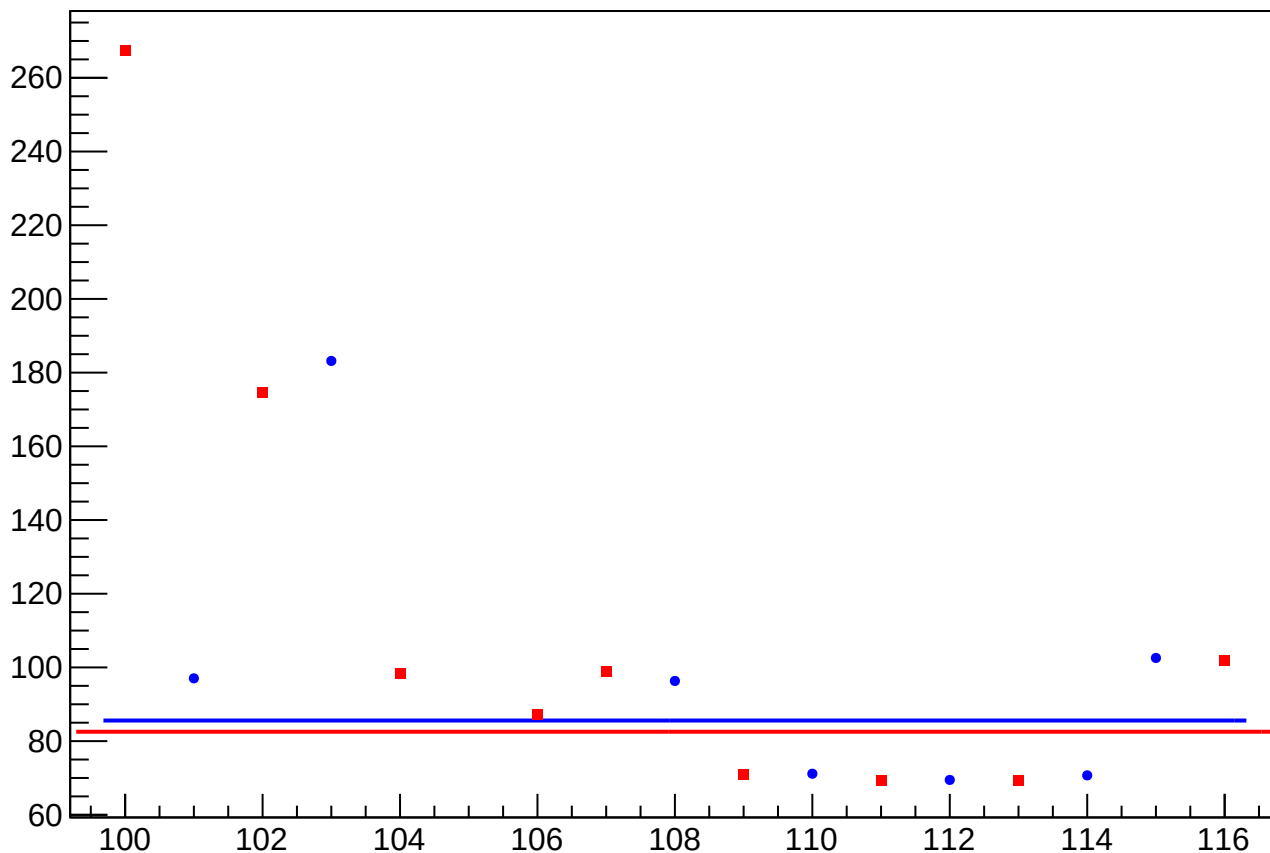
Right: 27.924+/-35.760 χ^2/NDF : 14.2/15

In: -2.424+/-54.480 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.924+/-35.760 χ^2/NDF : 14.2/15

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.588+/-0.039 χ^2/NDF : 451021.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.547+/-0.034 χ^2/NDF : 562827.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

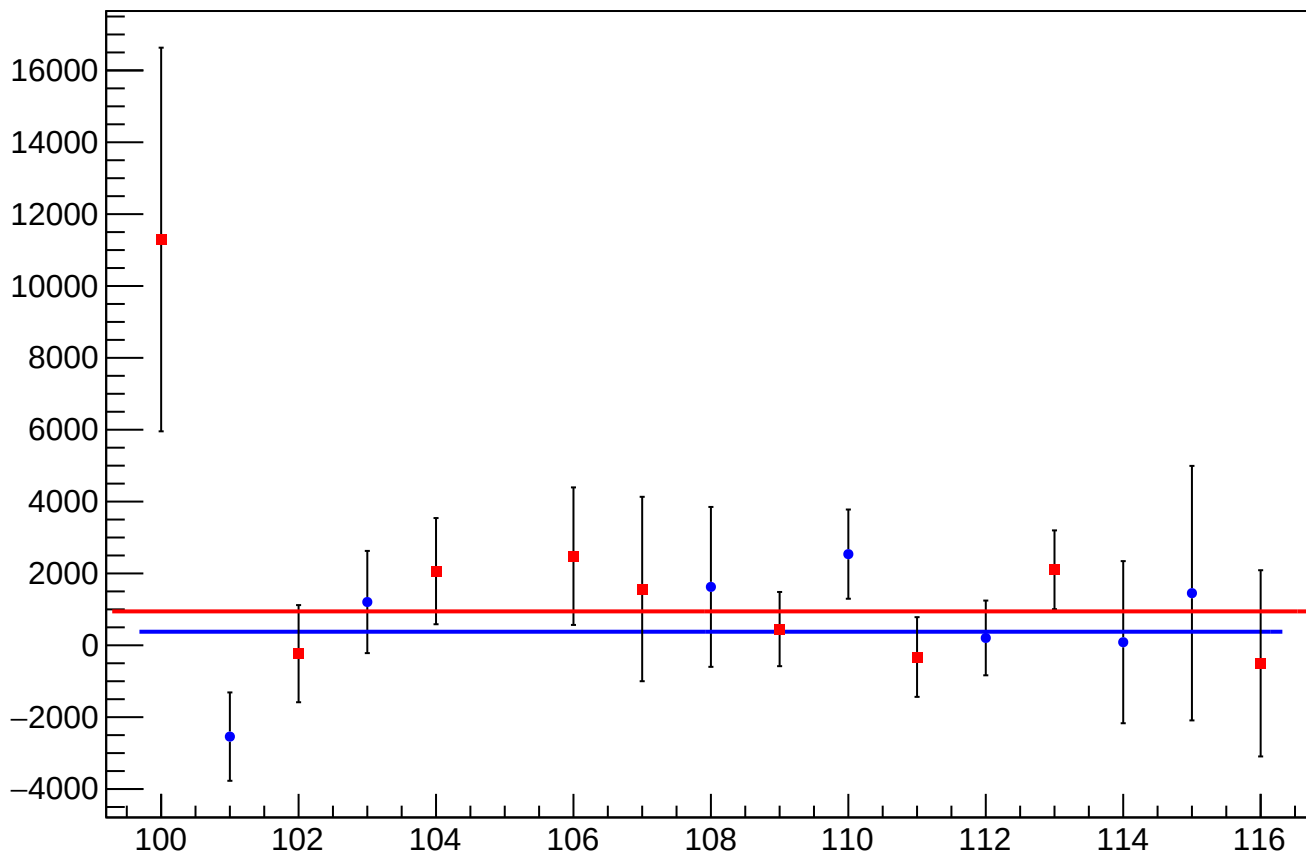
Right: 83.857+/-0.025 χ^2/NDF : 1017396.4/15

In: 85.588+/-0.039 χ^2/NDF : 451021.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.857+/-0.025 χ^2/NDF : 1017396.4/15

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 377.824+/-558.423 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.840+/-488.212 χ^2/NDF : 8.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

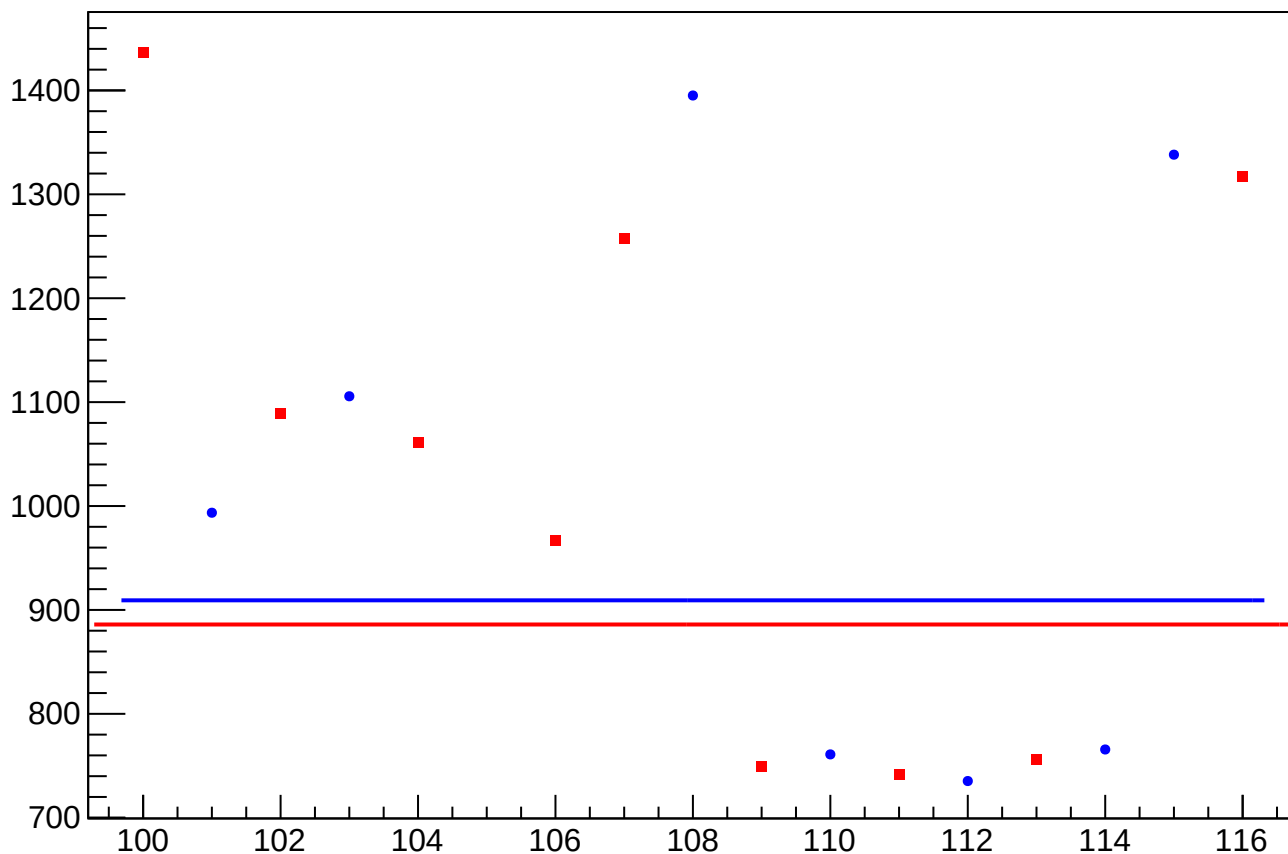
Right: 698.632+/-367.550 χ^2/NDF : 18.8/15

In: 377.824+/-558.423 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.632+/-367.550 χ^2/NDF : 18.8/15

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 909.247+/-0.395 χ^2/NDF : 264771.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.985+/-0.345 χ^2/NDF : 292185.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

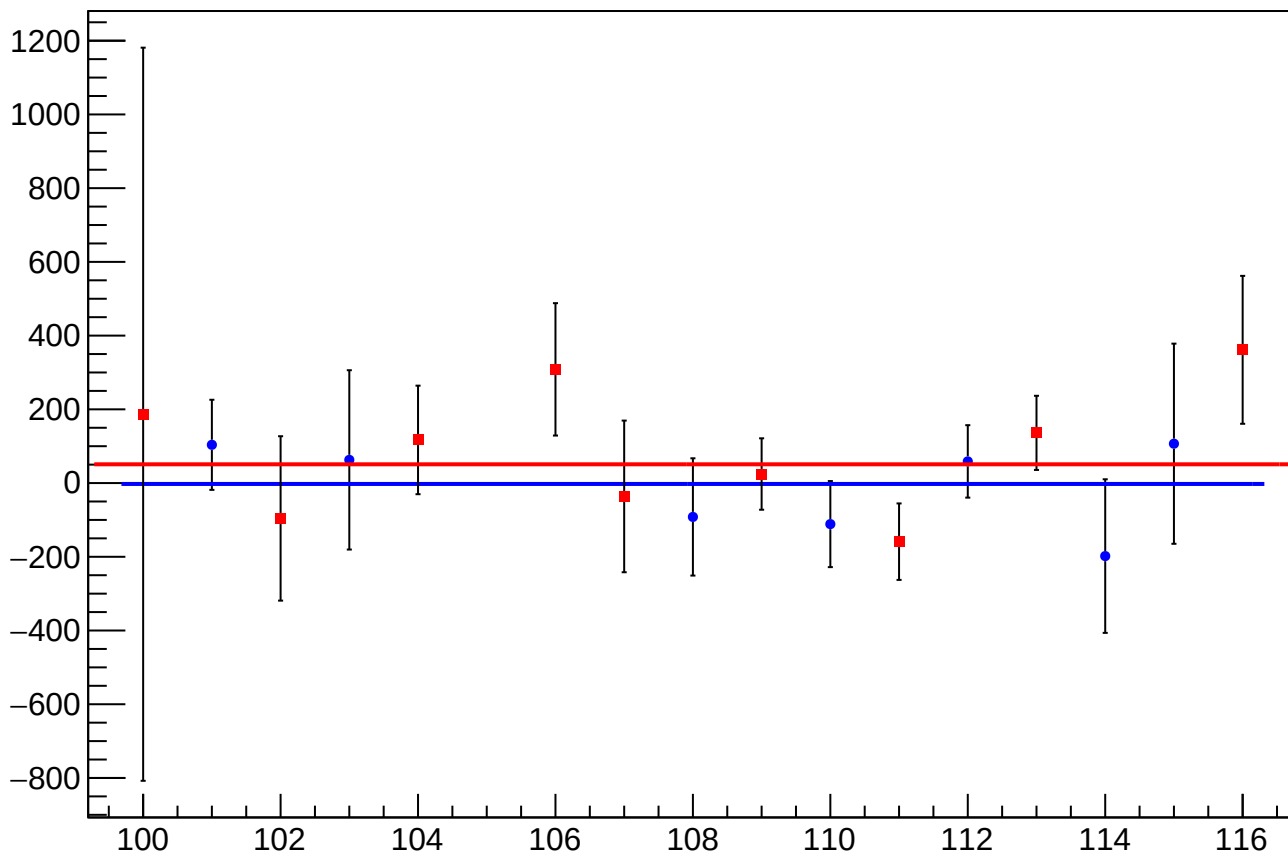
Right: 896.062+/-0.260 χ^2/NDF : 558924.1/15

In: 909.247+/-0.395 χ^2/NDF : 264771.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 896.062+/-0.260 χ^2/NDF : 558924.1/15

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -2.424+/-54.480 χ^2/NDF : 3.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.897+/-47.400 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

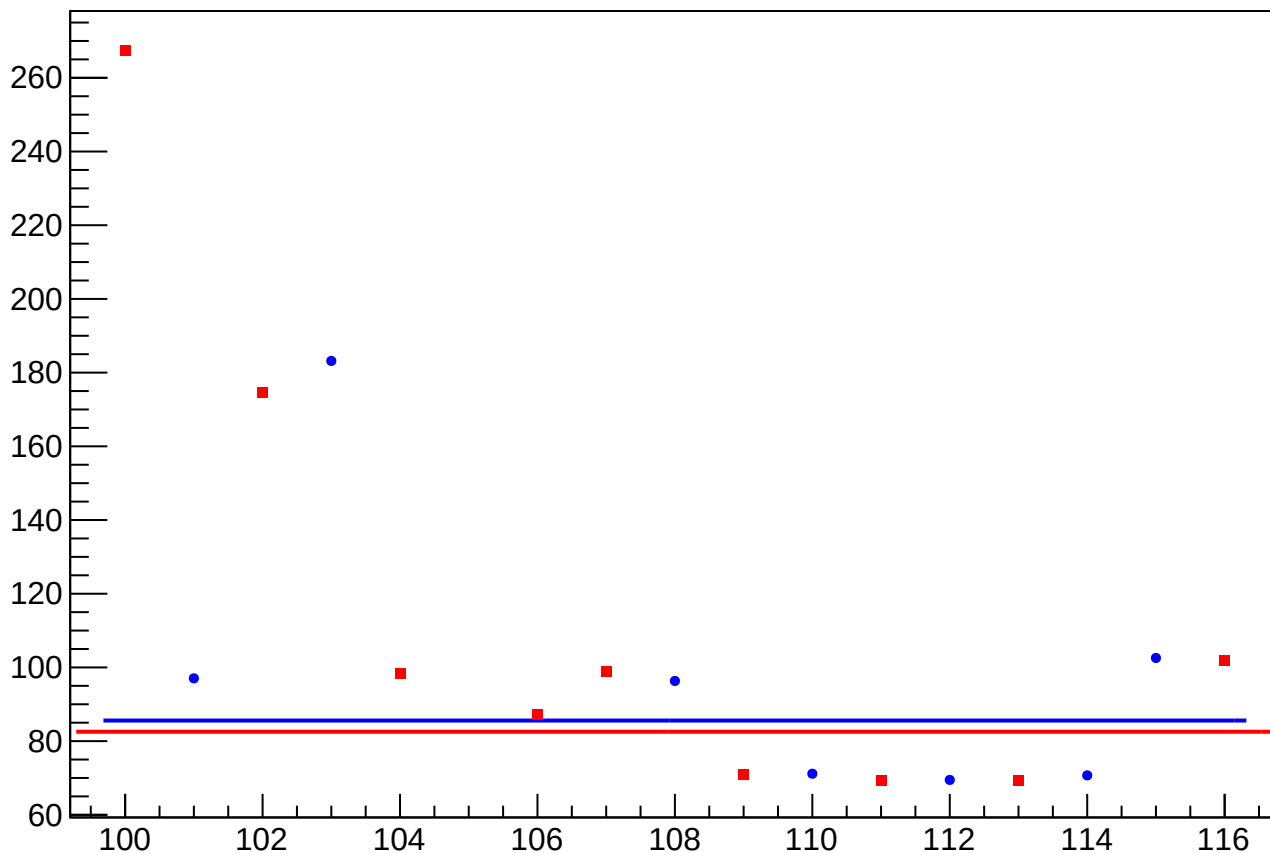
Right: 27.924+/-35.760 χ^2/NDF : 14.2/15

In: -2.424+/-54.480 χ^2/NDF : 3.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.924+/-35.760 χ^2/NDF : 14.2/15

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.588+/-0.039 χ^2/NDF : 451021.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.547+/-0.034 χ^2/NDF : 562827.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

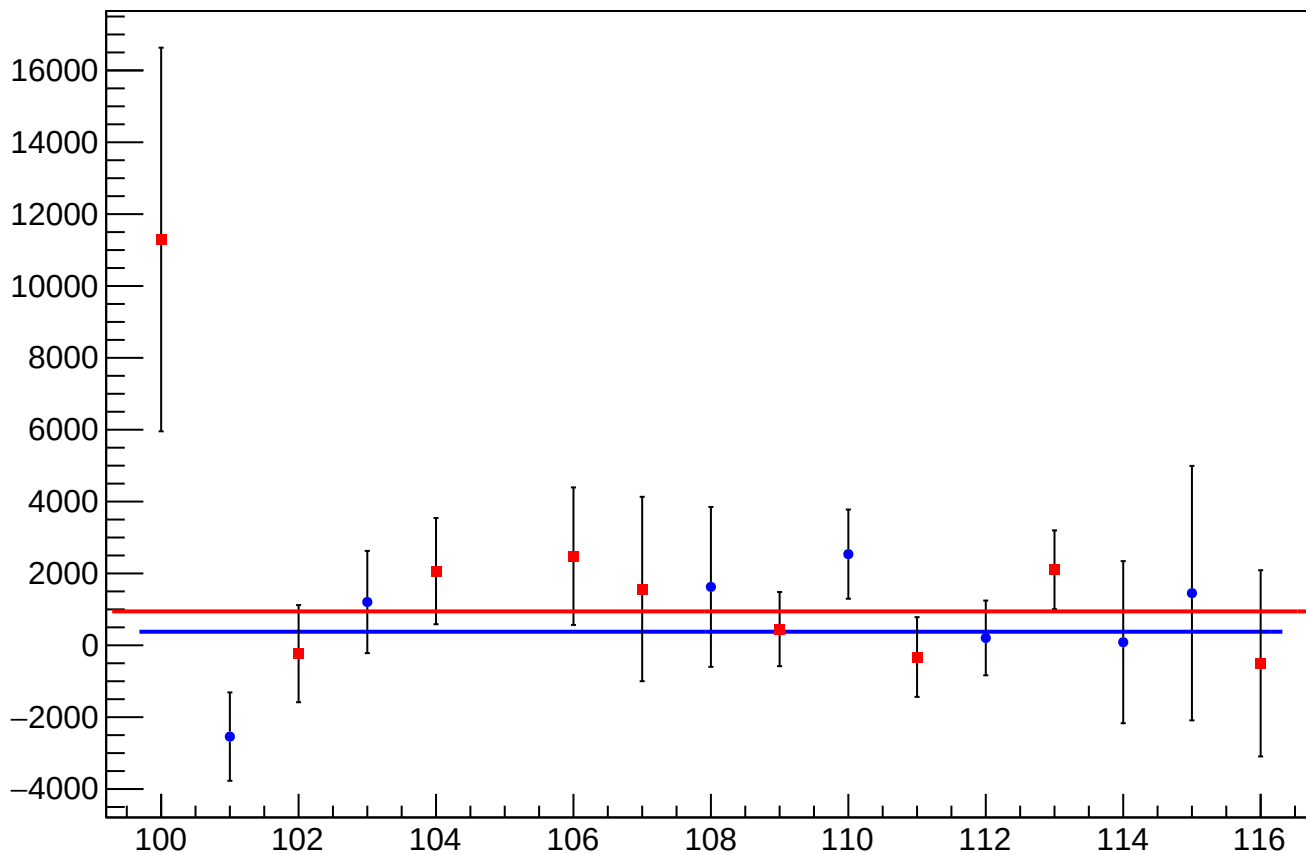
Right: 83.857+/-0.025 χ^2/NDF : 1017396.4/15

In: 85.588+/-0.039 χ^2/NDF : 451021.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.857+/-0.025 χ^2/NDF : 1017396.4/15

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 377.824+/-558.423 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.840+/-488.212 χ^2/NDF : 8.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

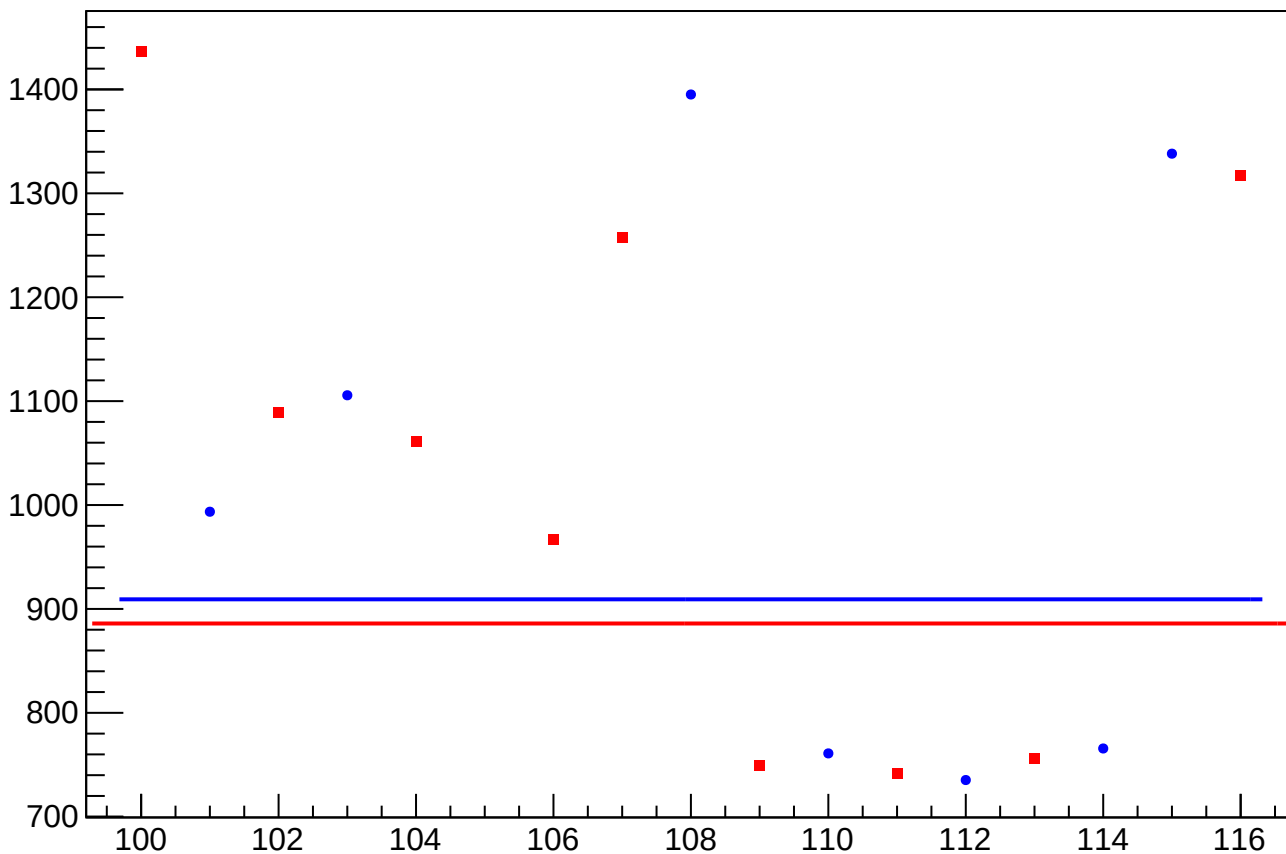
Right: 698.632+/-367.550 χ^2/NDF : 18.8/15

In: 377.824+/-558.423 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.632+/-367.550 χ^2/NDF : 18.8/15

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 909.247+/-0.395 χ^2/NDF : 264771.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.985+/-0.345 χ^2/NDF : 292185.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

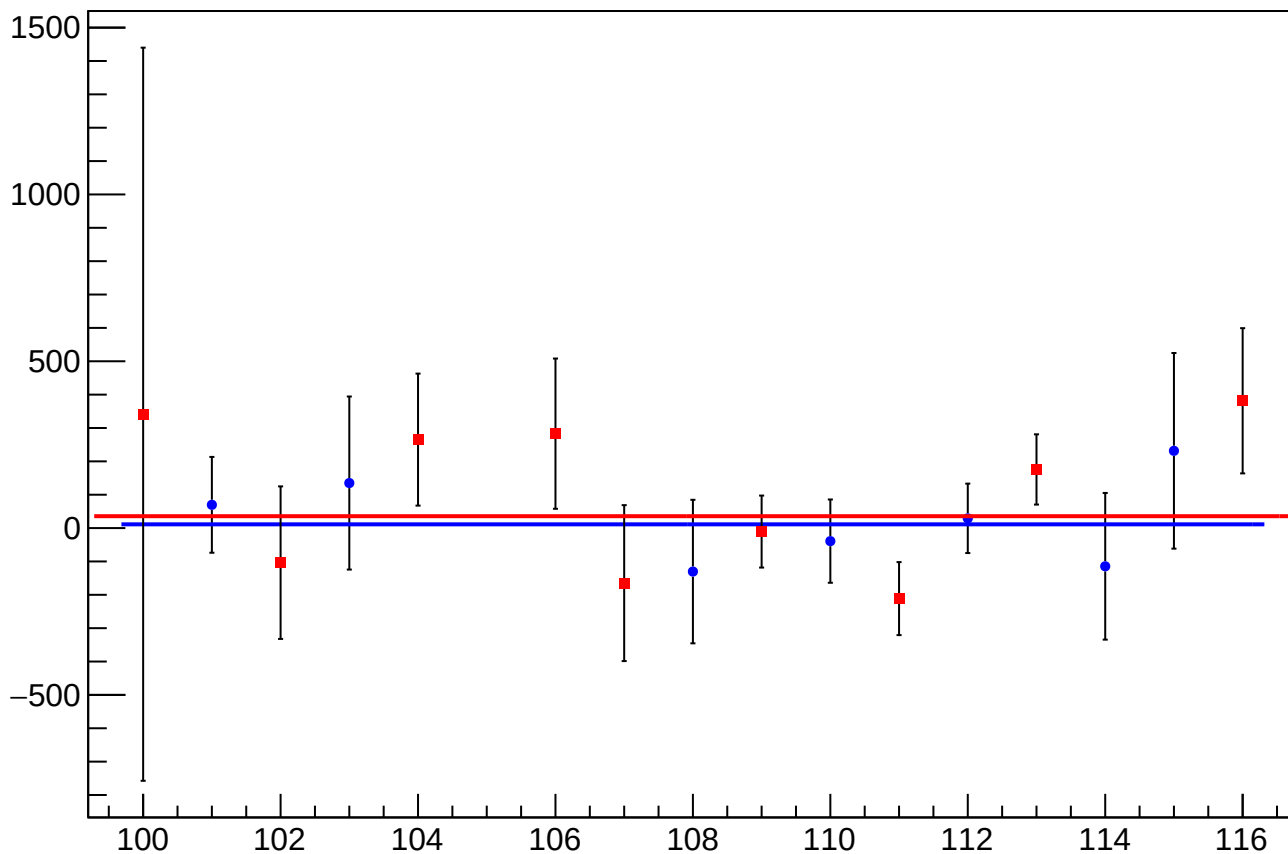
Right: 896.062+/-0.260 χ^2/NDF : 558924.1/15

In: 909.247+/-0.395 χ^2/NDF : 264771.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 896.062+/-0.260 χ^2/NDF : 558924.1/15

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 11.238+/-60.423 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.641+/-52.392 χ^2/NDF : 13.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

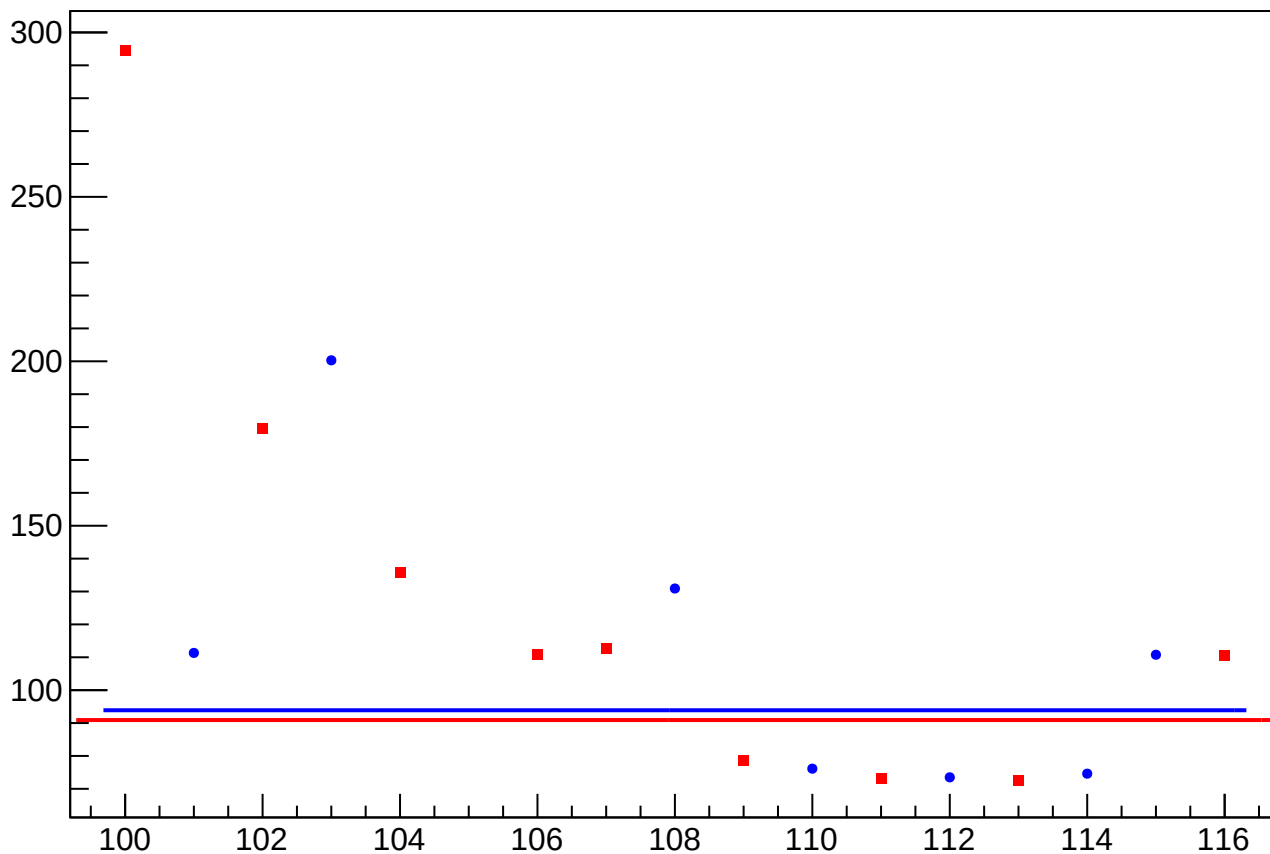
Right: 25.168+/-39.584 χ^2/NDF : 15.3/15

In: 11.238+/-60.423 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.168+/-39.584 χ^2/NDF : 15.3/15

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 93.893 $\pm$ 0.043 χ^2 /NDF: 564816.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.913 $\pm$ 0.037 χ^2 /NDF: 662856.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

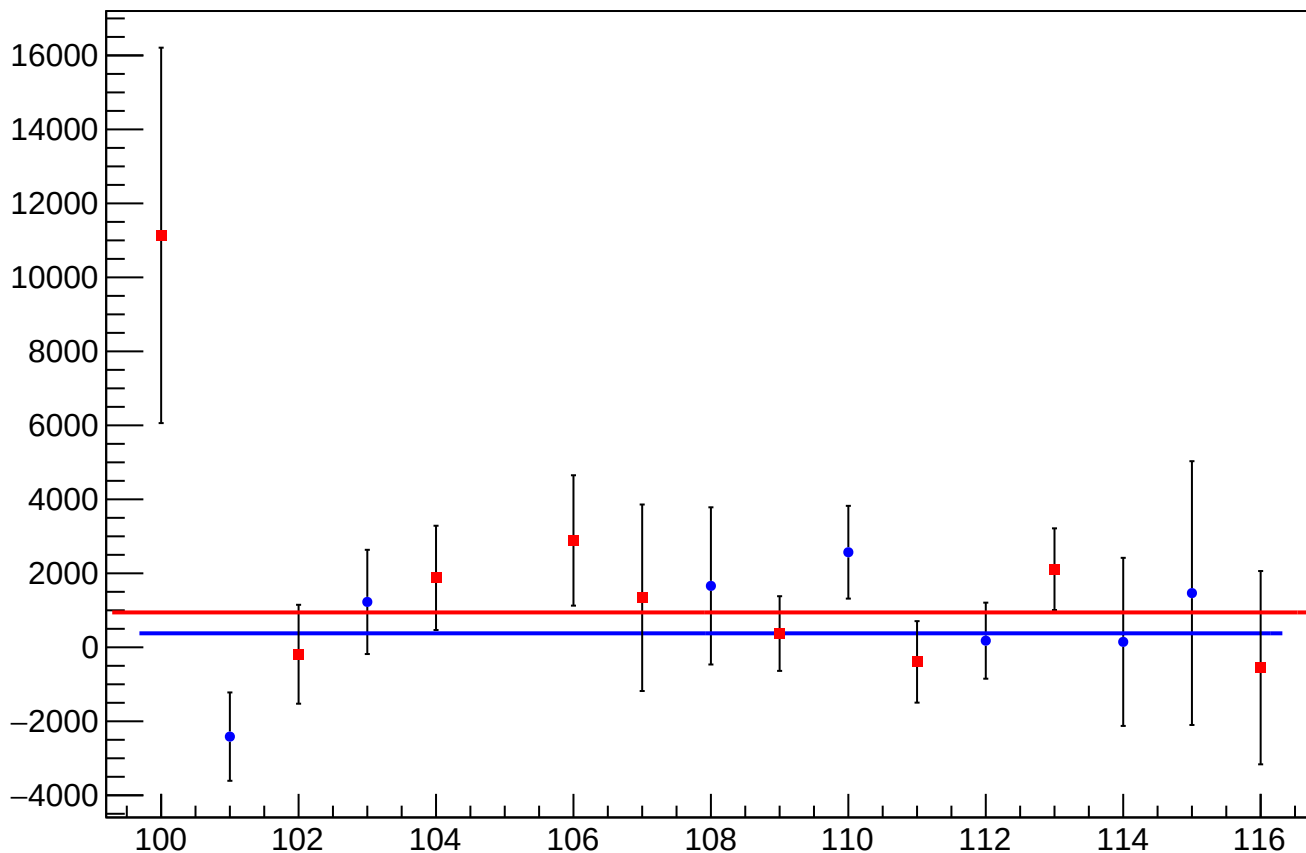
Right: 92.192 $\pm$ 0.028 χ^2 /NDF: 1230451.0/15

In: 93.893 $\pm$ 0.043 χ^2 /NDF:564816.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.192 $\pm$ 0.028 χ^2 /NDF: 1230451.0/15

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 378.277+/-552.044 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.037+/-479.231 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

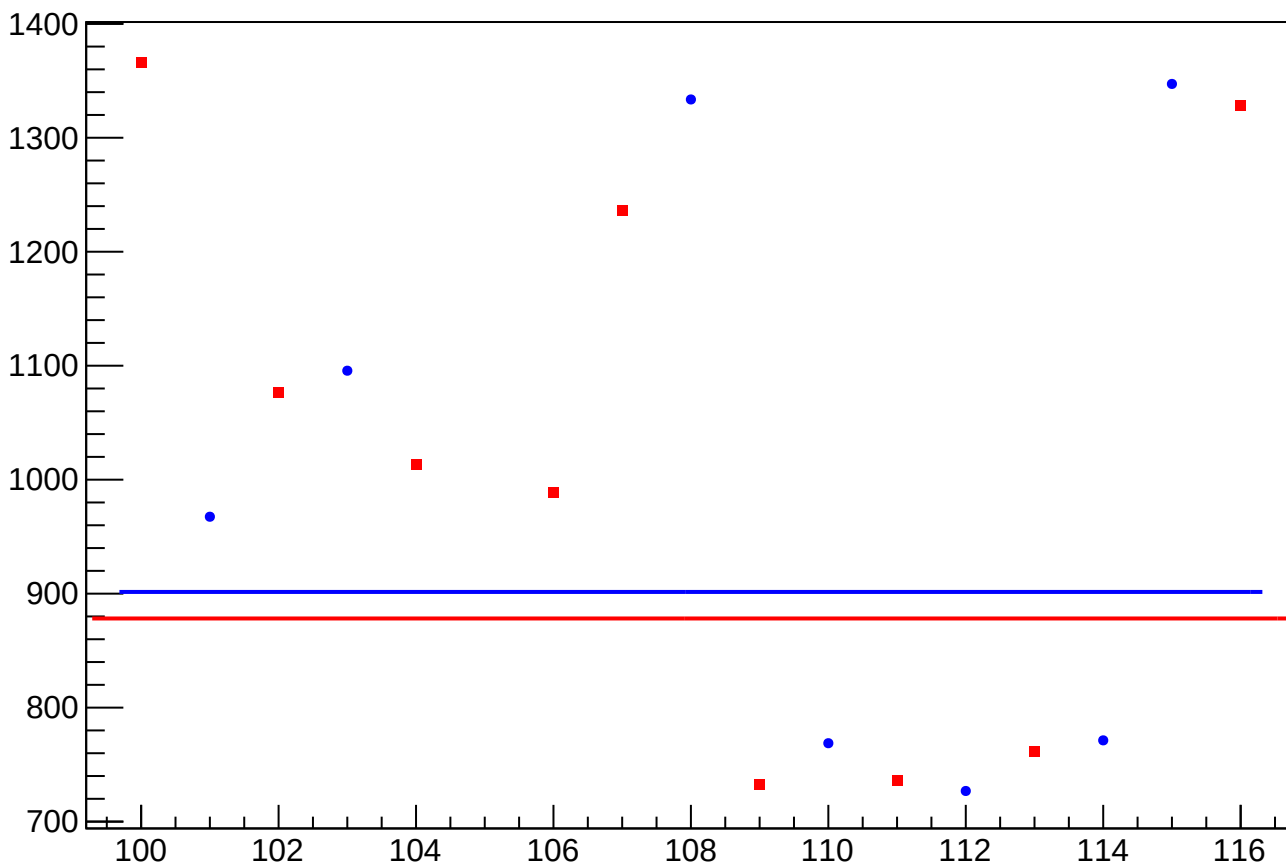
Right: 700.334+/-361.892 χ^2/NDF : 19.7/15

In: 378.277+/-552.044 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.334+/-361.892 χ^2/NDF : 19.7/15

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.504 $\pm$ 0.390 χ^2 /NDF: 244741.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 878.220 $\pm$ 0.339 χ^2 /NDF: 285552.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

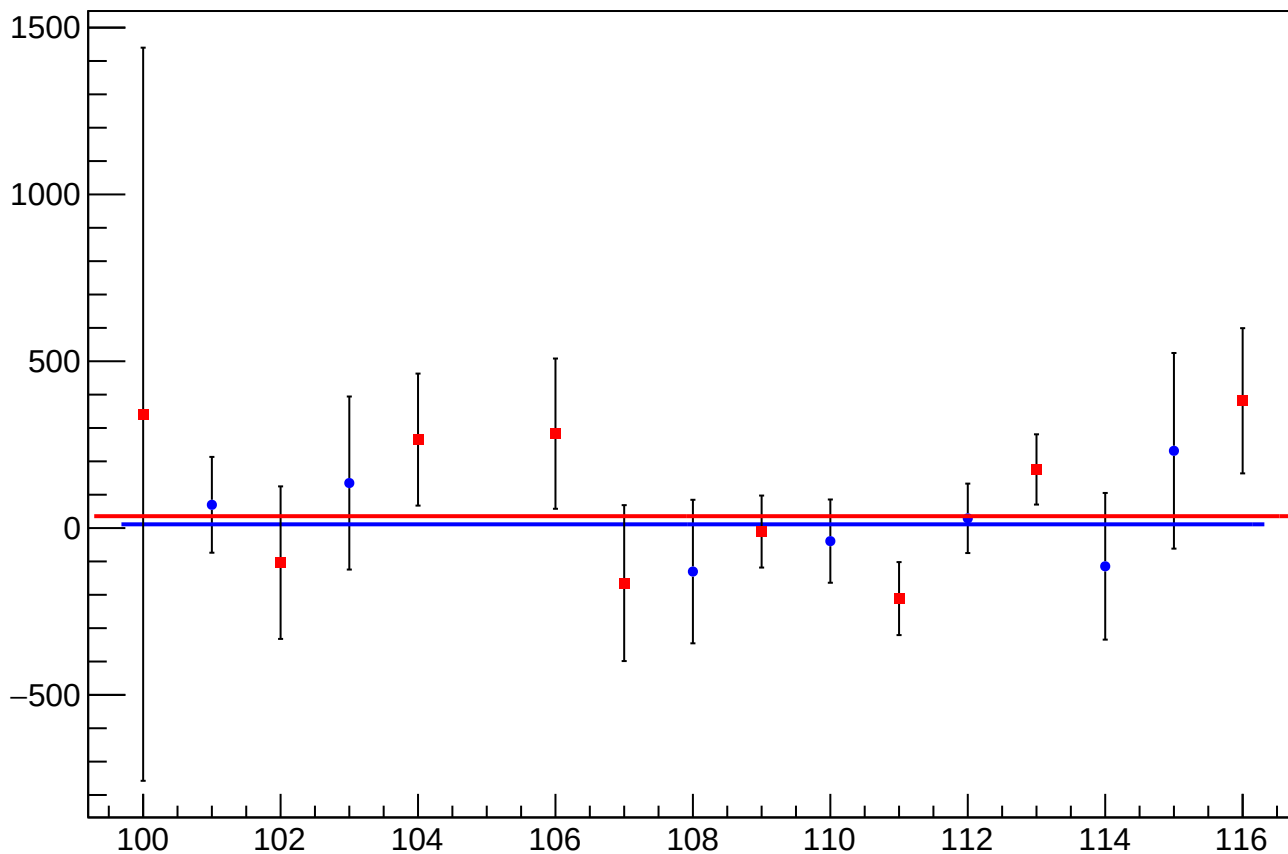
Right: 888.226 $\pm$ 0.256 χ^2 /NDF: 532322.5/15

In: 901.504 $\pm$ 0.390 χ^2 /NDF:244741.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 888.226 $\pm$ 0.256 χ^2 /NDF: 532322.5/15

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 11.237 $\pm$ 60.423 χ^2 /NDF: 1.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.638 $\pm$ 52.392 χ^2 /NDF: 13.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

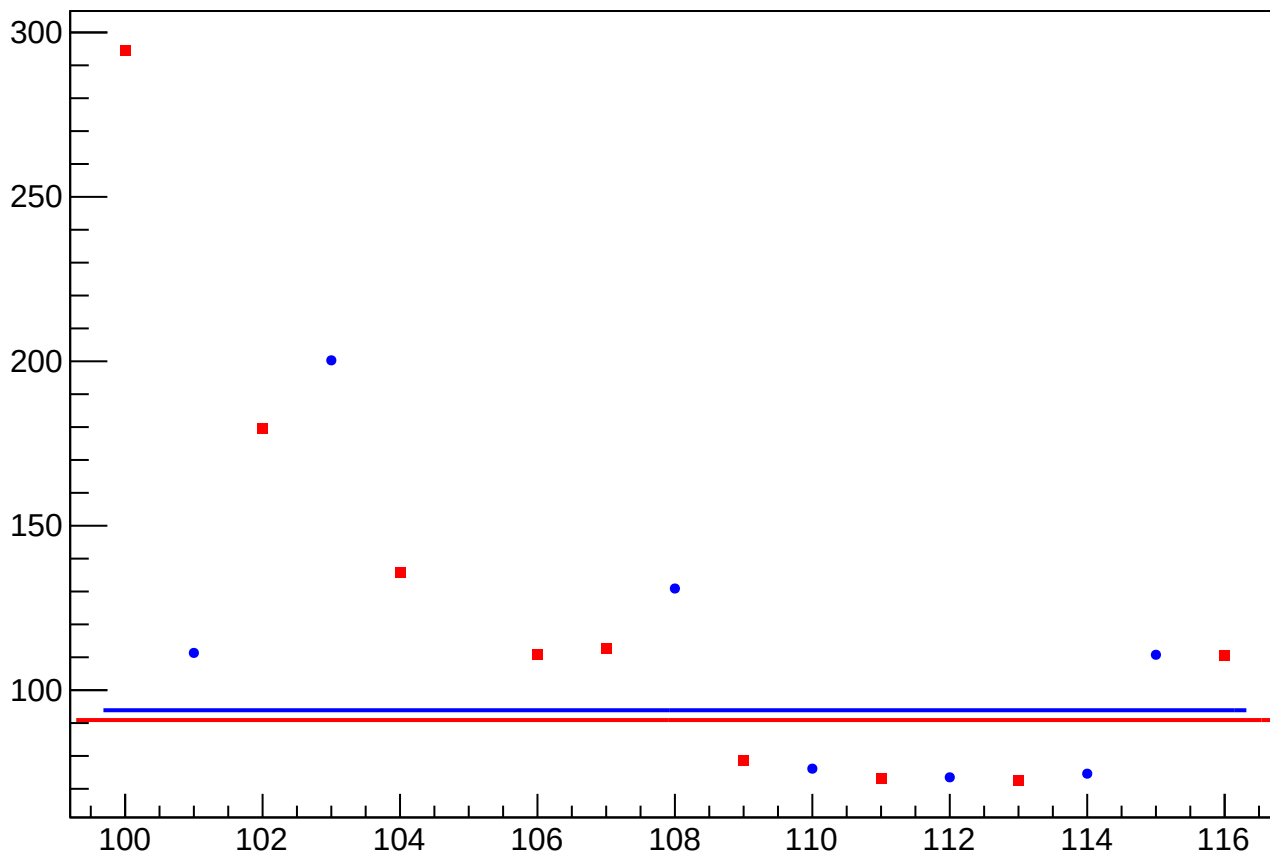
Right: 25.166 $\pm$ 39.584 χ^2 /NDF: 15.3/15

In: 11.237 $\pm$ 60.423 χ^2 /NDF:1.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.166 $\pm$ 39.584 χ^2 /NDF: 15.3/15

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 93.894+/-0.043 χ^2/NDF : 564819.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.913+/-0.037 χ^2/NDF : 662858.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

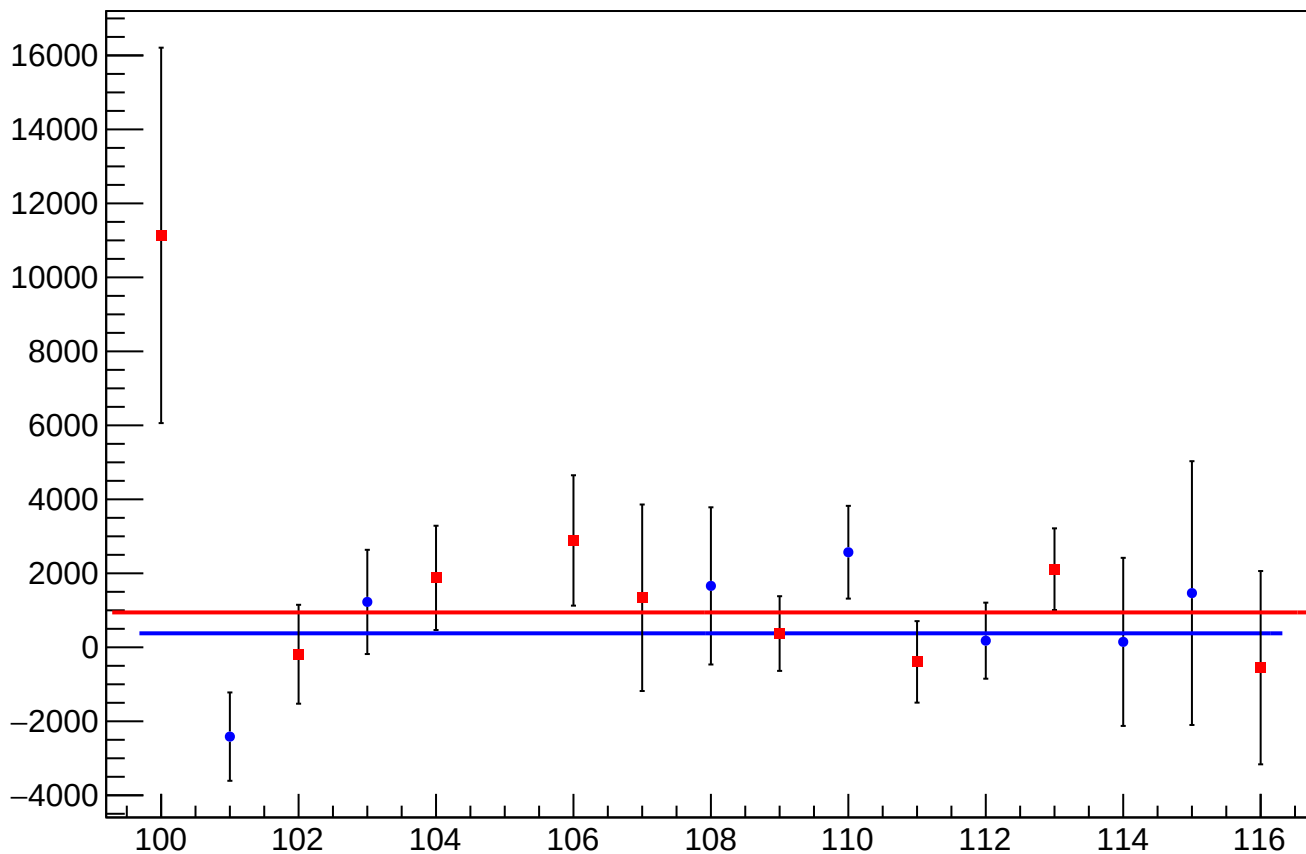
Right: 92.192+/-0.028 χ^2/NDF : 1230456.3/15

In: 93.894+/-0.043 χ^2/NDF : 564819.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.192+/-0.028 χ^2/NDF : 1230456.3/15

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 378.276+/-552.043 χ^2/NDF : 9.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.035+/-479.231 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

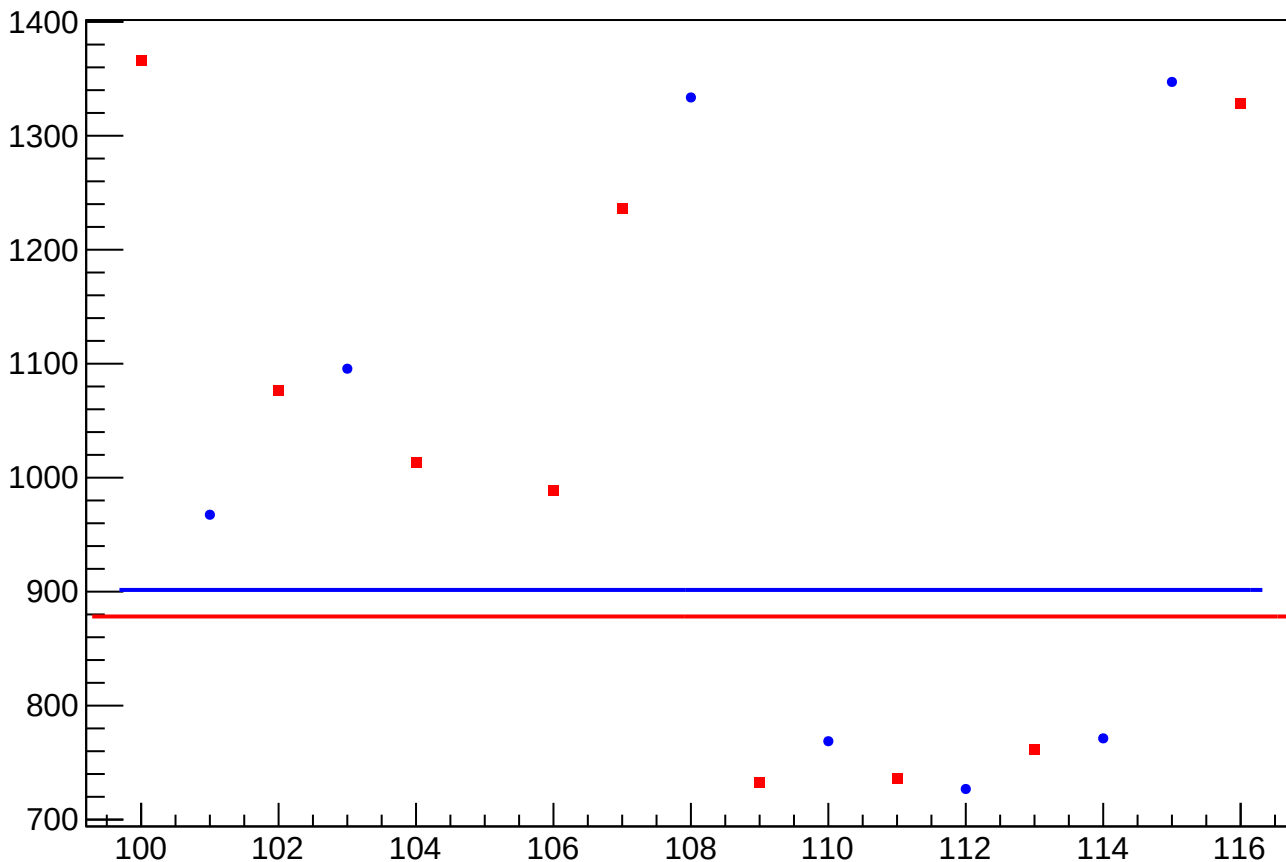
Right: 700.332+/-361.892 χ^2/NDF : 19.7/15

In: 378.276+/-552.043 χ^2/NDF : 9.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.332+/-361.892 χ^2/NDF : 19.7/15

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.502 $\pm$ 0.390 χ^2 /NDF: 244742.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 878.218 $\pm$ 0.339 χ^2 /NDF: 285552.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

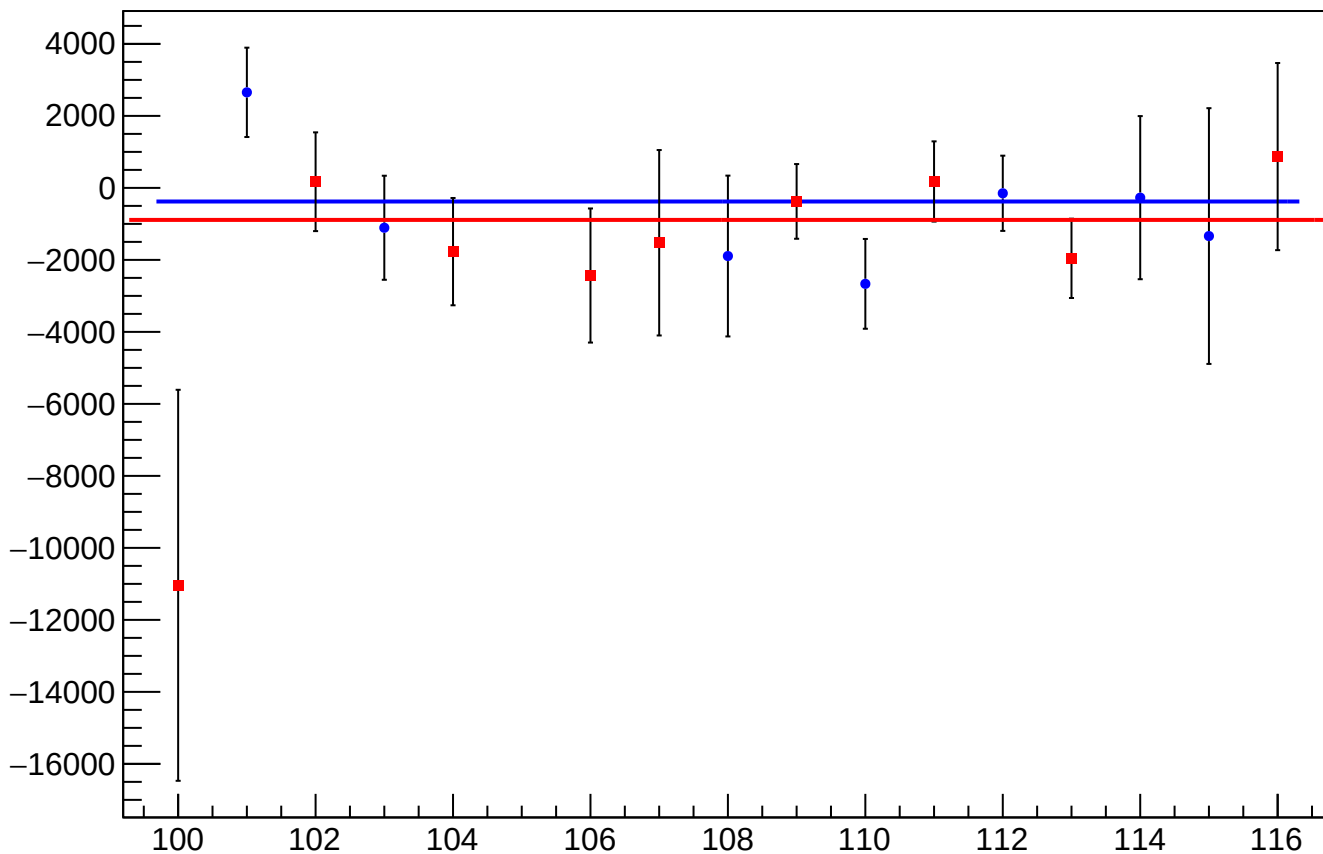
Right: 888.224 $\pm$ 0.256 χ^2 /NDF: 532324.1/15

In: 901.502 $\pm$ 0.390 χ^2 /NDF:244742.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 888.224 $\pm$ 0.256 χ^2 /NDF: 532324.1/15

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -378.111+/-562.410 χ^2 /NDF: 10.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -889.467+/-490.216 χ^2 /NDF: 7.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

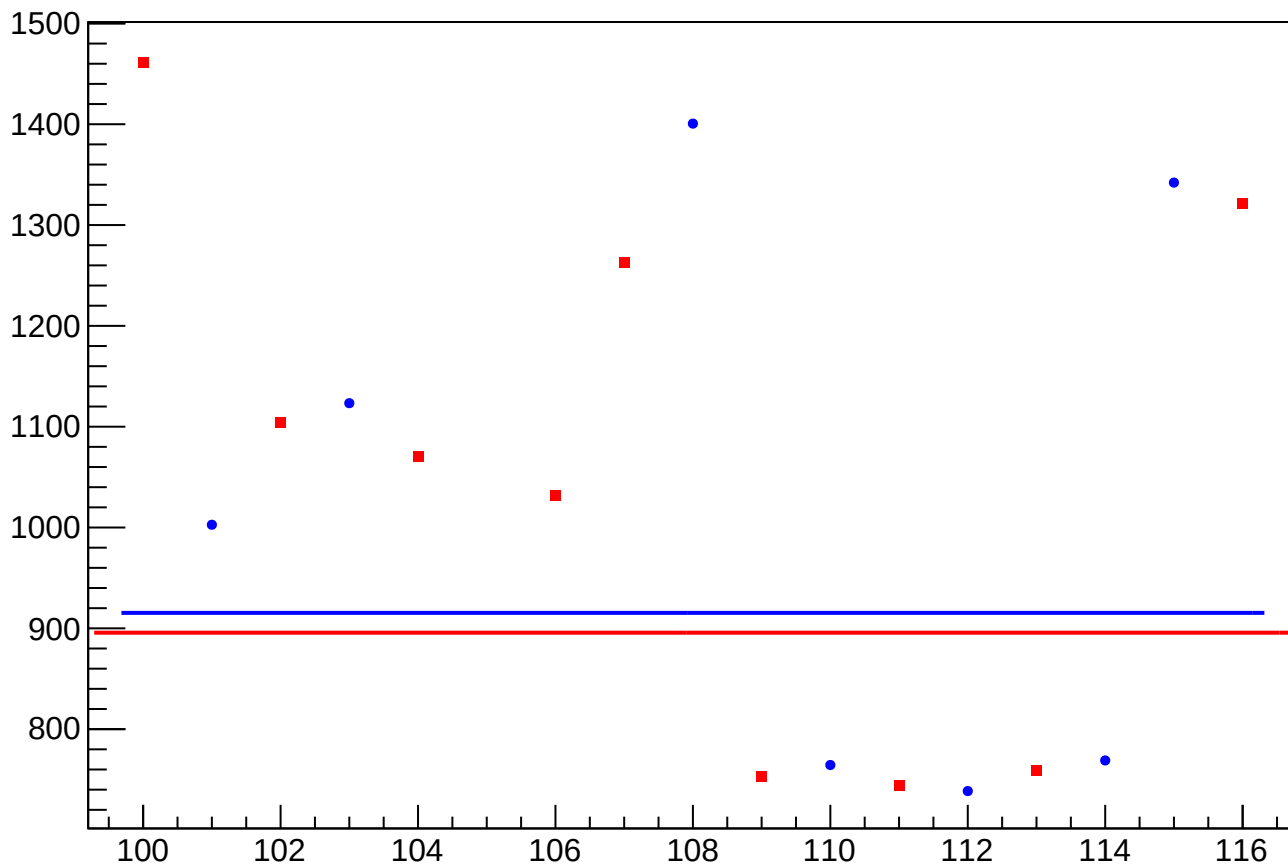
Right: -668.696+/-369.541 χ^2 /NDF: 18.4/15

In: -378.111+/-562.410 χ^2 /NDF:10.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -668.696+/-369.541 χ^2 /NDF: 18.4/15

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 915.345+/-0.398 χ^2/NDF : 269432.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 895.686+/-0.347 χ^2/NDF : 305323.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

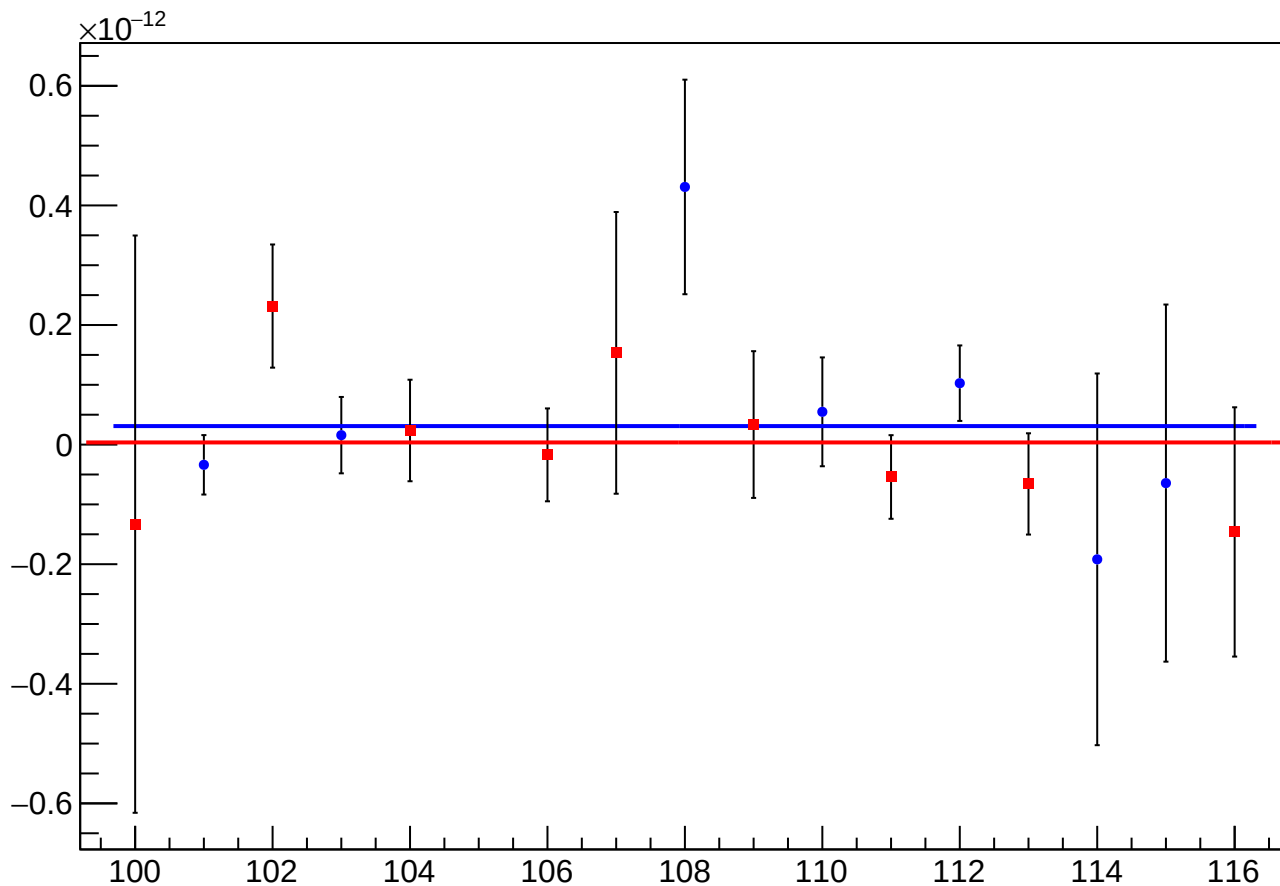
Right: 904.173+/-0.261 χ^2/NDF : 576145.1/15

In: 915.345+/-0.398 χ^2/NDF : 269432.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.173+/-0.261 χ^2/NDF : 576145.1/15

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

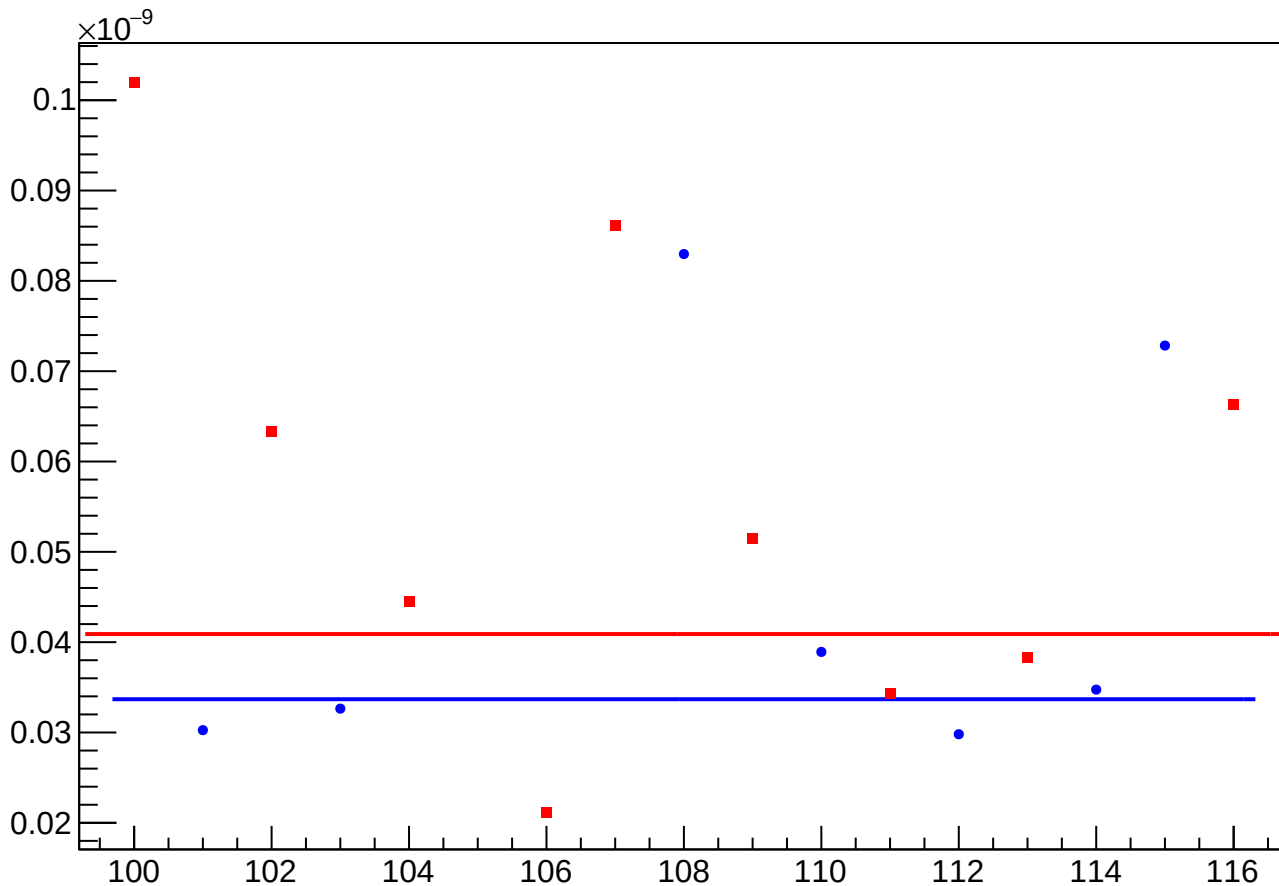
Right: 0.000+/-0.000 χ^2/NDF : 16.5/15

In: 0.000+/-0.000 χ^2/NDF : 8.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/15

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 209527.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 397055.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

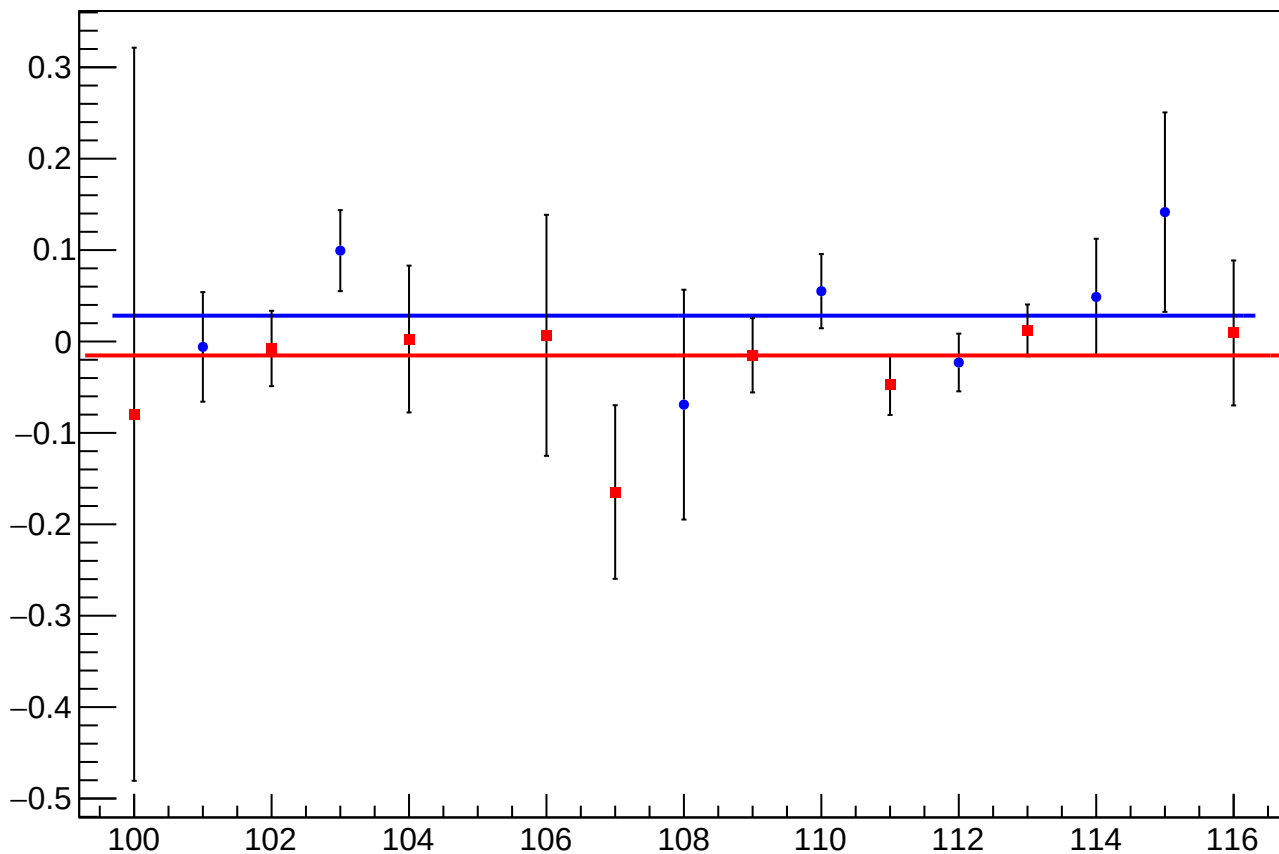
Right: 0.000+/-0.000 χ^2/NDF : 656121.4/15

In: 0.000+/-0.000 χ^2/NDF : 209527.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 656121.4/15

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.019 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.016 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

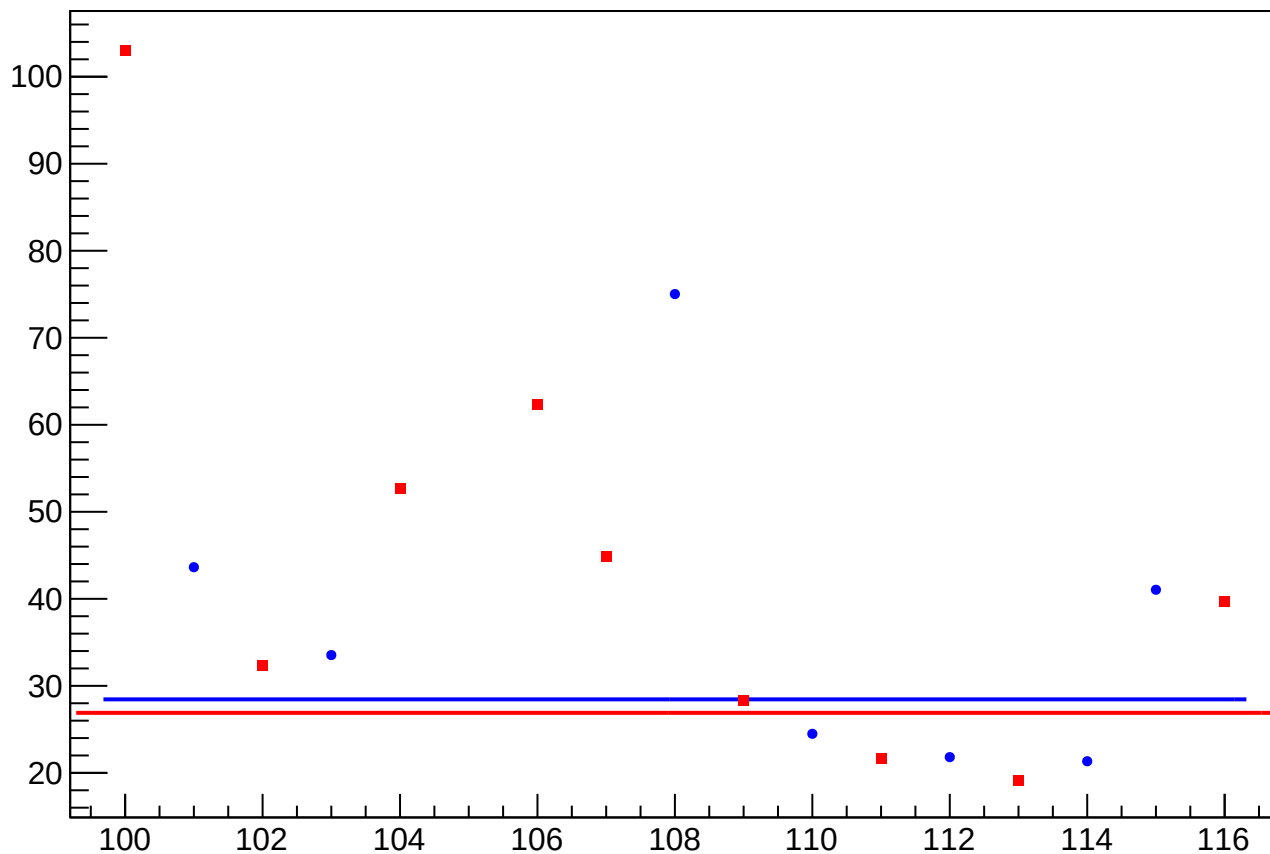
Right: 0.003+/-0.012 χ^2/NDF : 15.4/15

In: 0.028+/-0.019 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 15.4/15

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.448+/-0.013 χ^2/NDF : 588525.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.898+/-0.011 χ^2/NDF : 785961.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

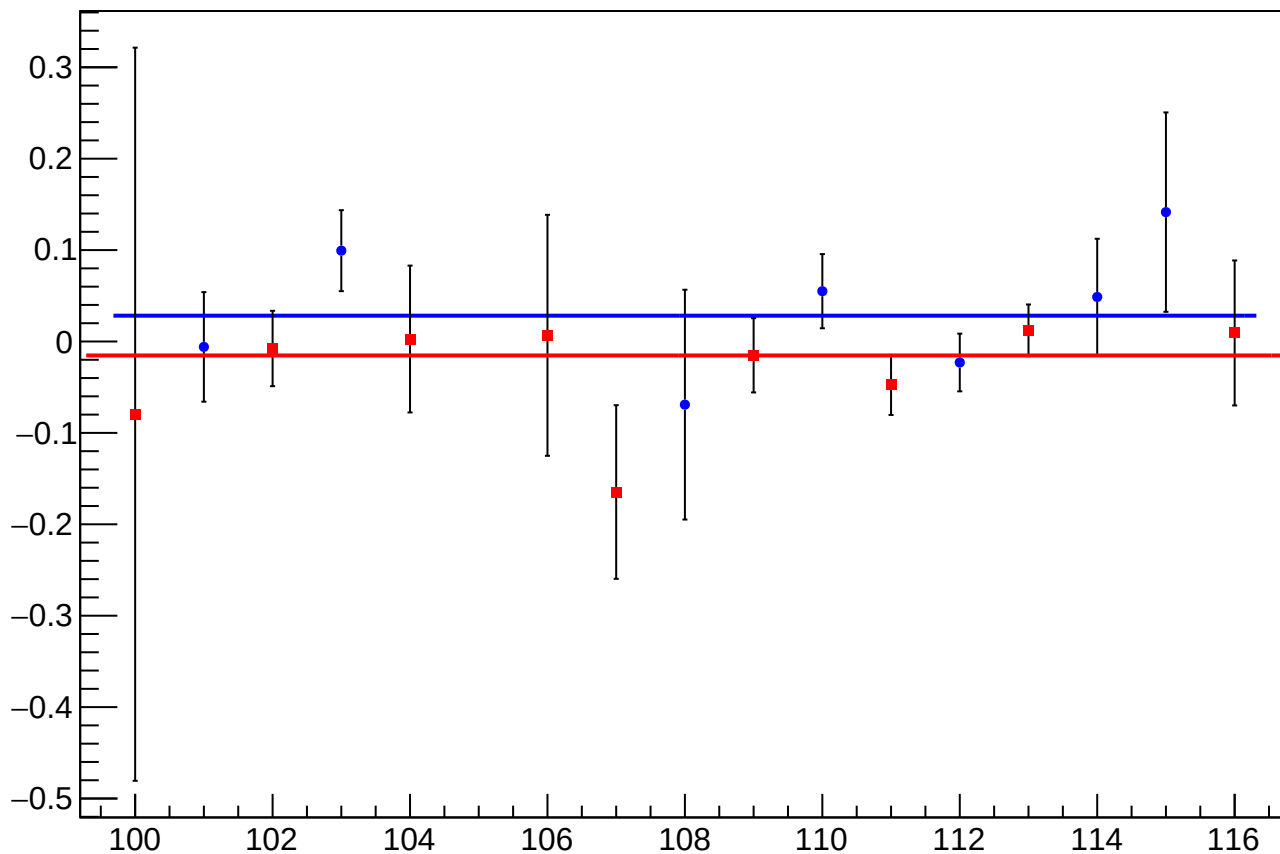
Right: 27.549+/-0.009 χ^2/NDF : 1382269.1/15

In: 28.448+/-0.013 χ^2/NDF : 588525.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.549+/-0.009 χ^2/NDF : 1382269.1/15

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.019 χ^2/NDF : 7.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 $\pm$ 0.016 χ^2/NDF : 4.6/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

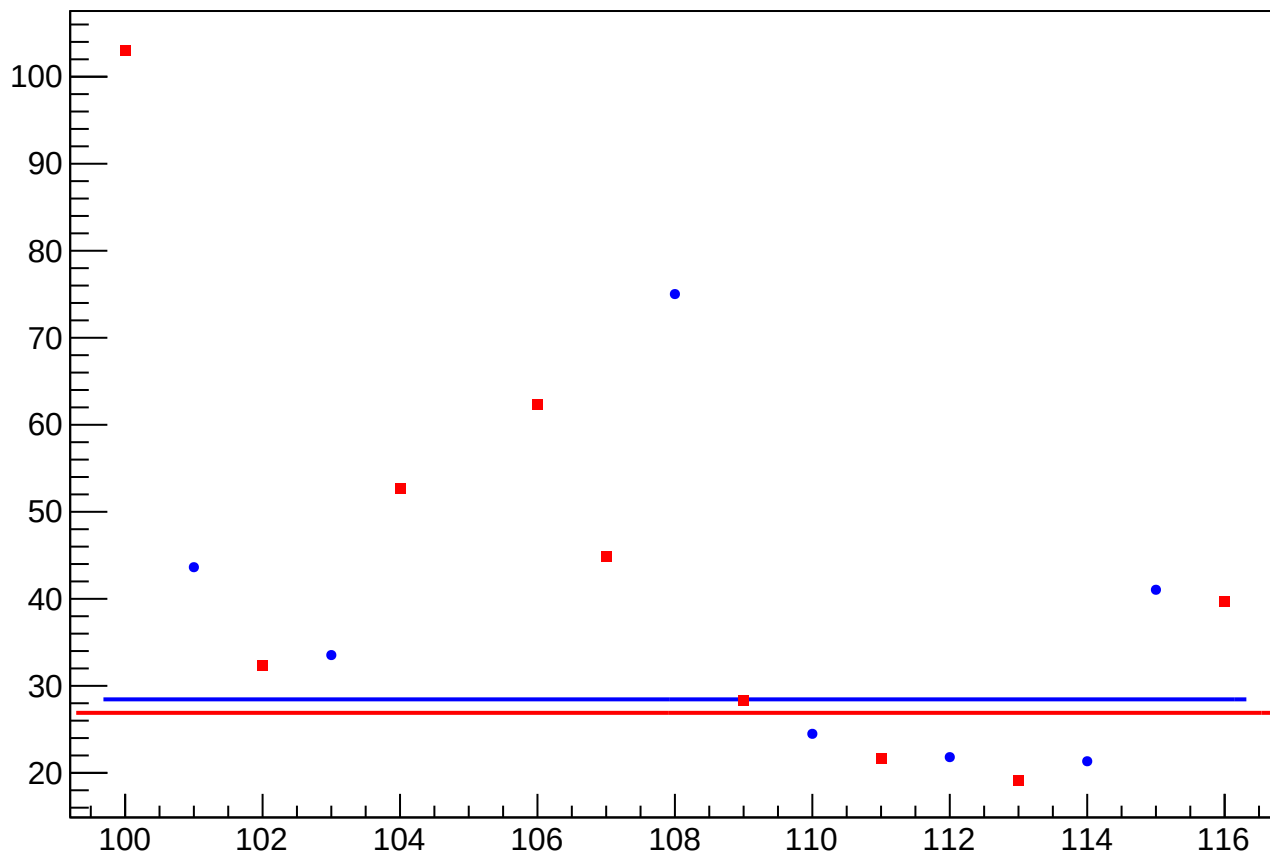
Right: 0.003 $\pm$ 0.012 χ^2/NDF : 15.4/15

In: 0.028 $\pm$ 0.019 χ^2/NDF : 7.8/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.003 $\pm$ 0.012 χ^2/NDF : 15.4/15

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.448+/-0.013 χ^2/NDF : 588525.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.898+/-0.011 χ^2/NDF : 785961.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

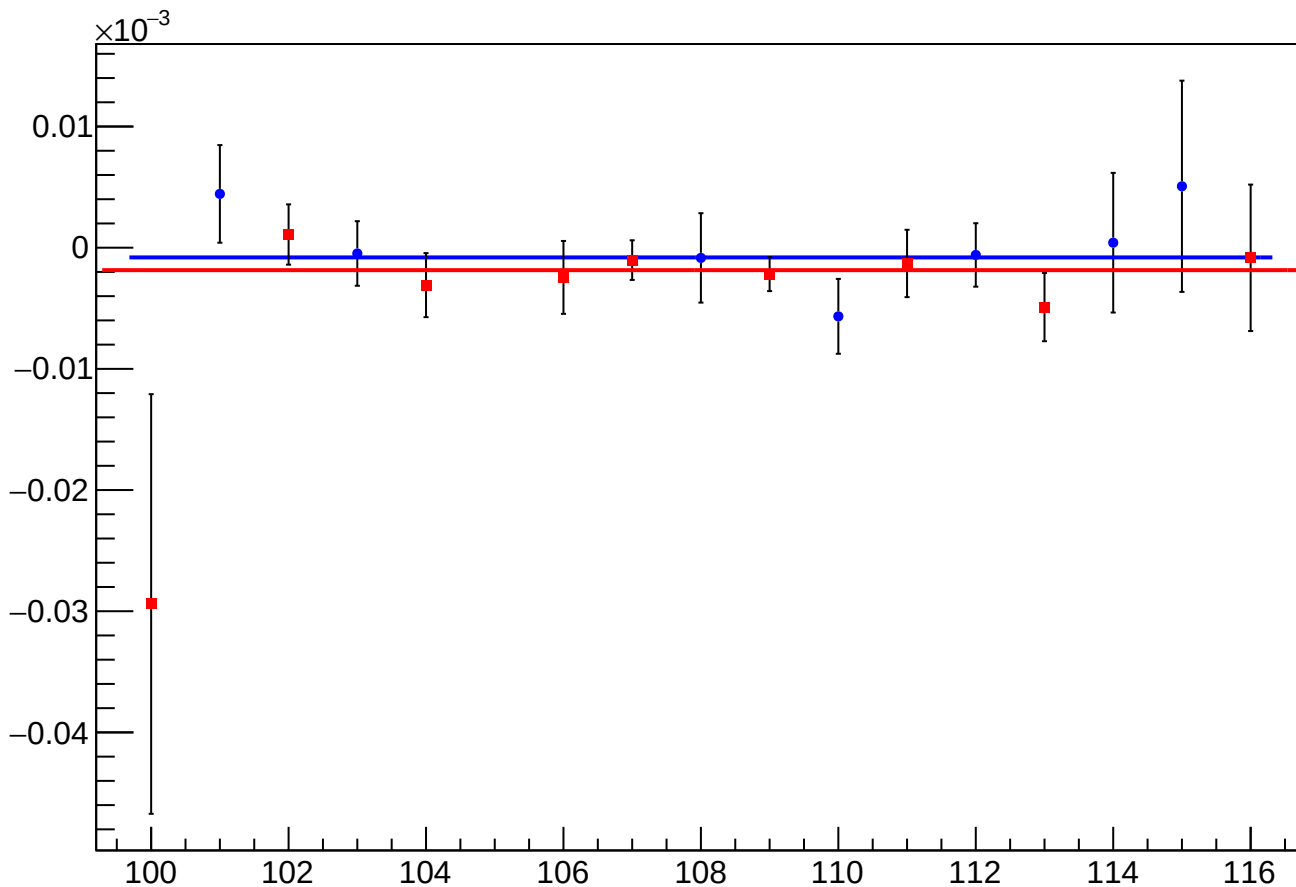
Right: 27.549+/-0.009 χ^2/NDF : 1382269.1/15

In: 28.448+/-0.013 χ^2/NDF : 588525.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.549+/-0.009 χ^2/NDF : 1382269.1/15

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

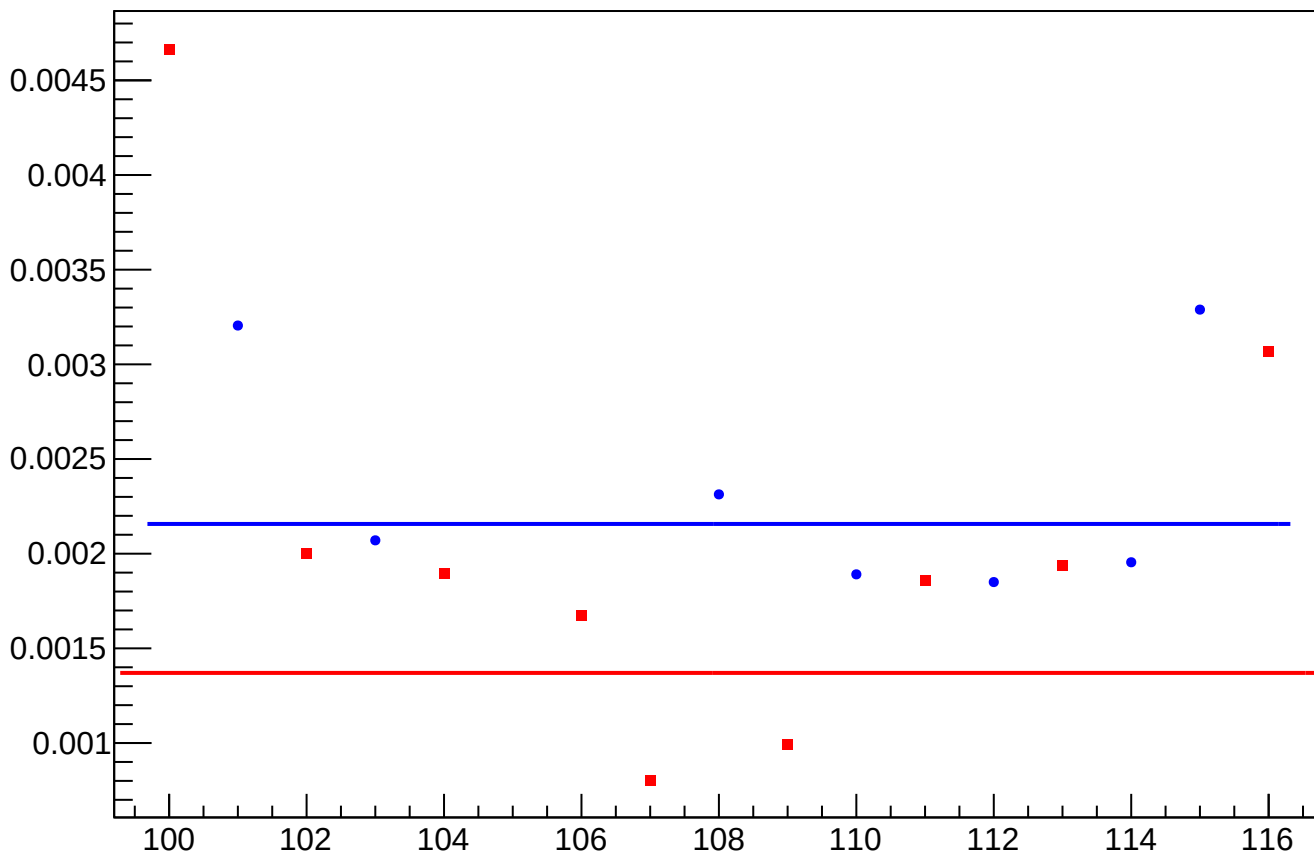
Right: -0.000+/-0.000 χ^2/NDF : 10.9/15

In: -0.000+/-0.000 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/15

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 219579.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 987876.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

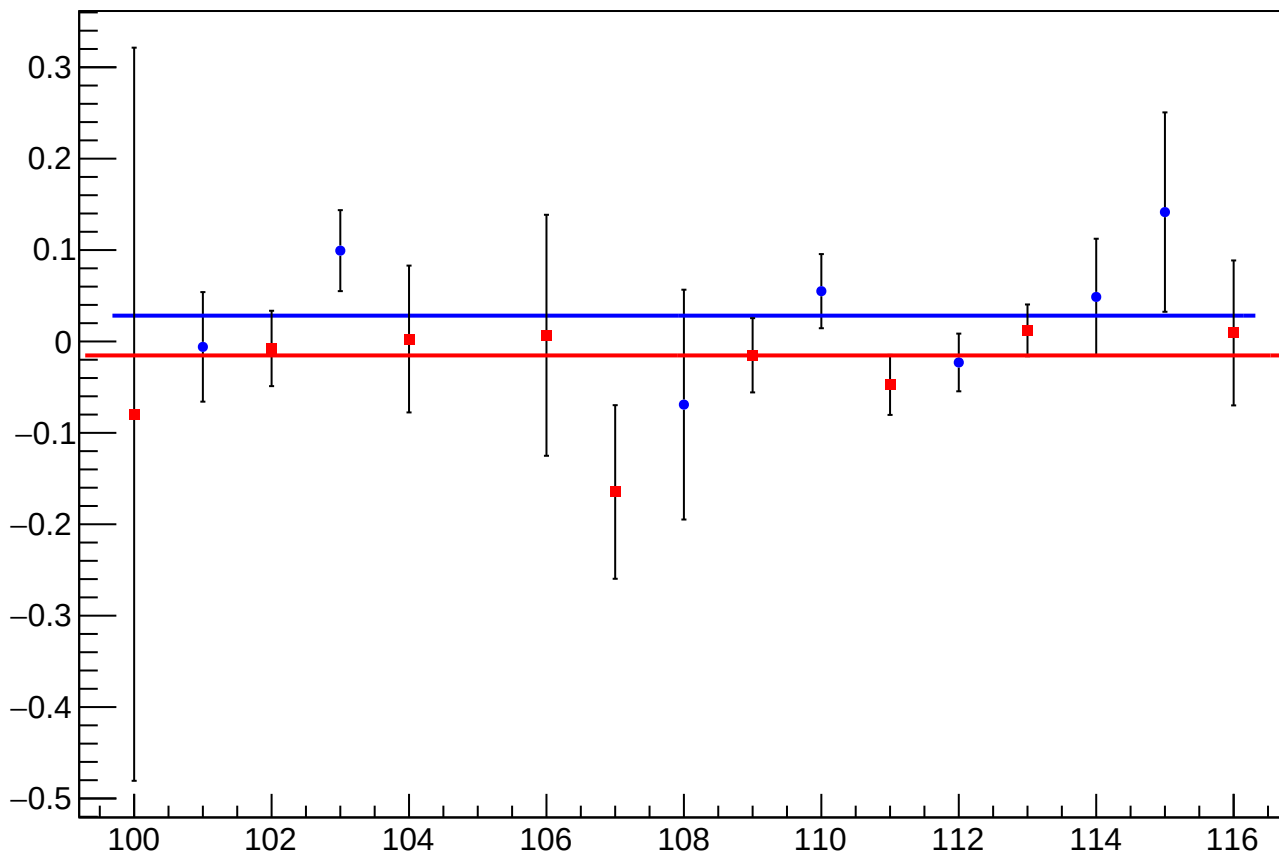
Right: 0.002+/-0.000 χ^2/NDF : 1726228.7/15

In: 0.002+/-0.000 χ^2/NDF :219579.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1726228.7/15

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.019 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.016 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

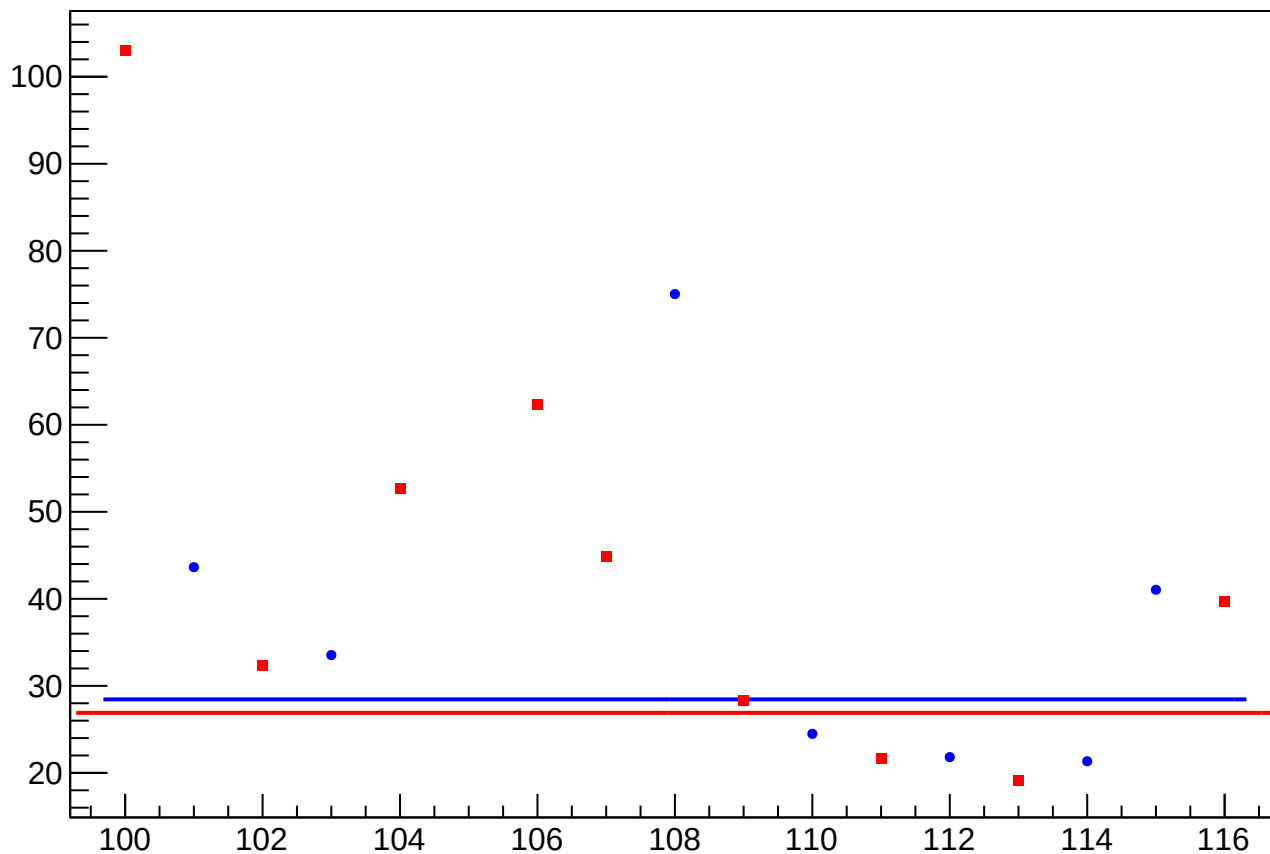
Right: 0.003+/-0.012 χ^2/NDF : 15.4/15

In: 0.028+/-0.019 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 15.4/15

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.448+/-0.013 χ^2/NDF : 588537.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.899+/-0.011 χ^2/NDF : 785965.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

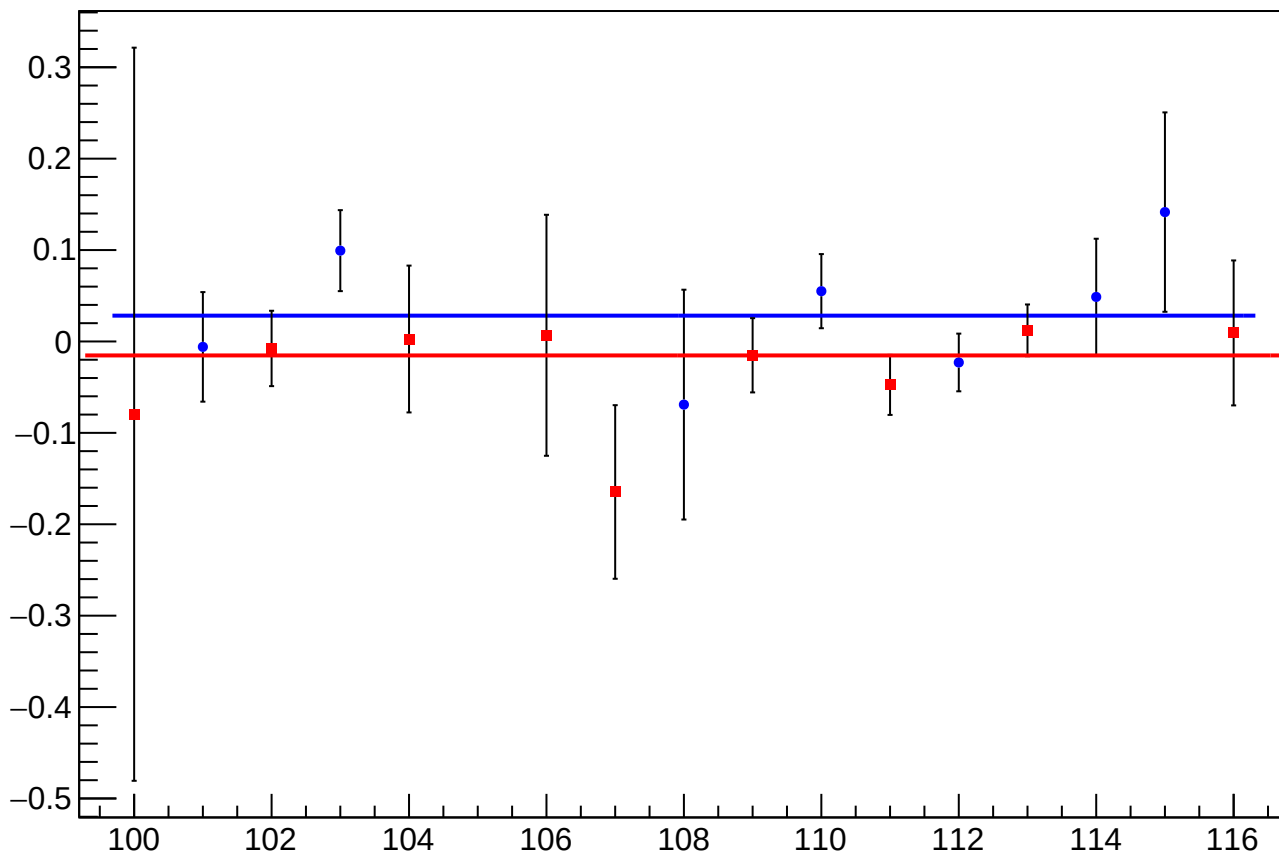
Right: 27.549+/-0.009 χ^2/NDF : 1382285.9/15

In: 28.448+/-0.013 χ^2/NDF : 588537.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.549+/-0.009 χ^2/NDF : 1382285.9/15

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.019 χ^2/NDF : 7.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.016 χ^2/NDF : 4.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

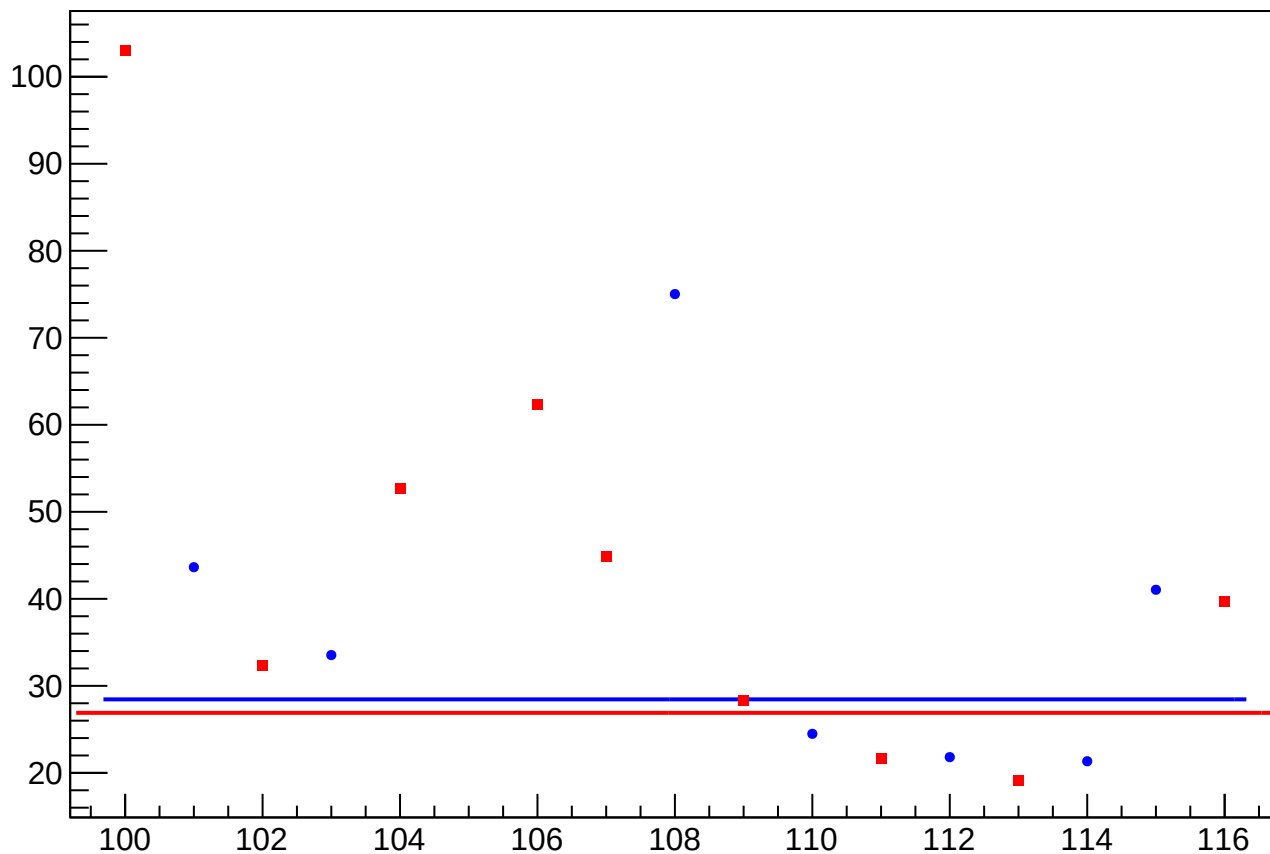
Right: 0.003+/-0.012 χ^2/NDF : 15.4/15

In: 0.028+/-0.019 χ^2/NDF : 7.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.012 χ^2/NDF : 15.4/15

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.448+/-0.013 χ^2/NDF : 588537.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.899+/-0.011 χ^2/NDF : 785965.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

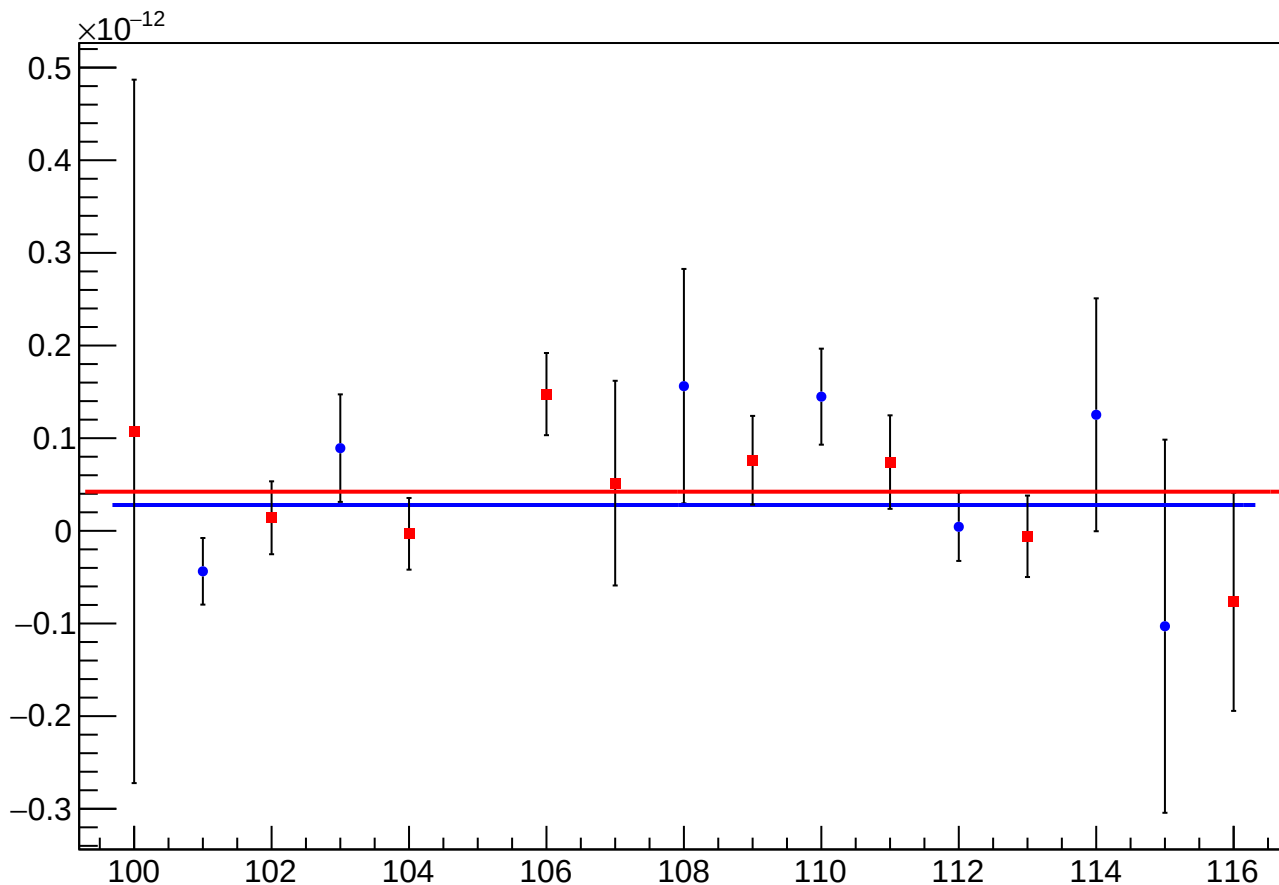
Right: 27.549+/-0.009 χ^2/NDF : 1382285.9/15

In: 28.448+/-0.013 χ^2/NDF : 588537.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.549+/-0.009 χ^2/NDF : 1382285.9/15

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

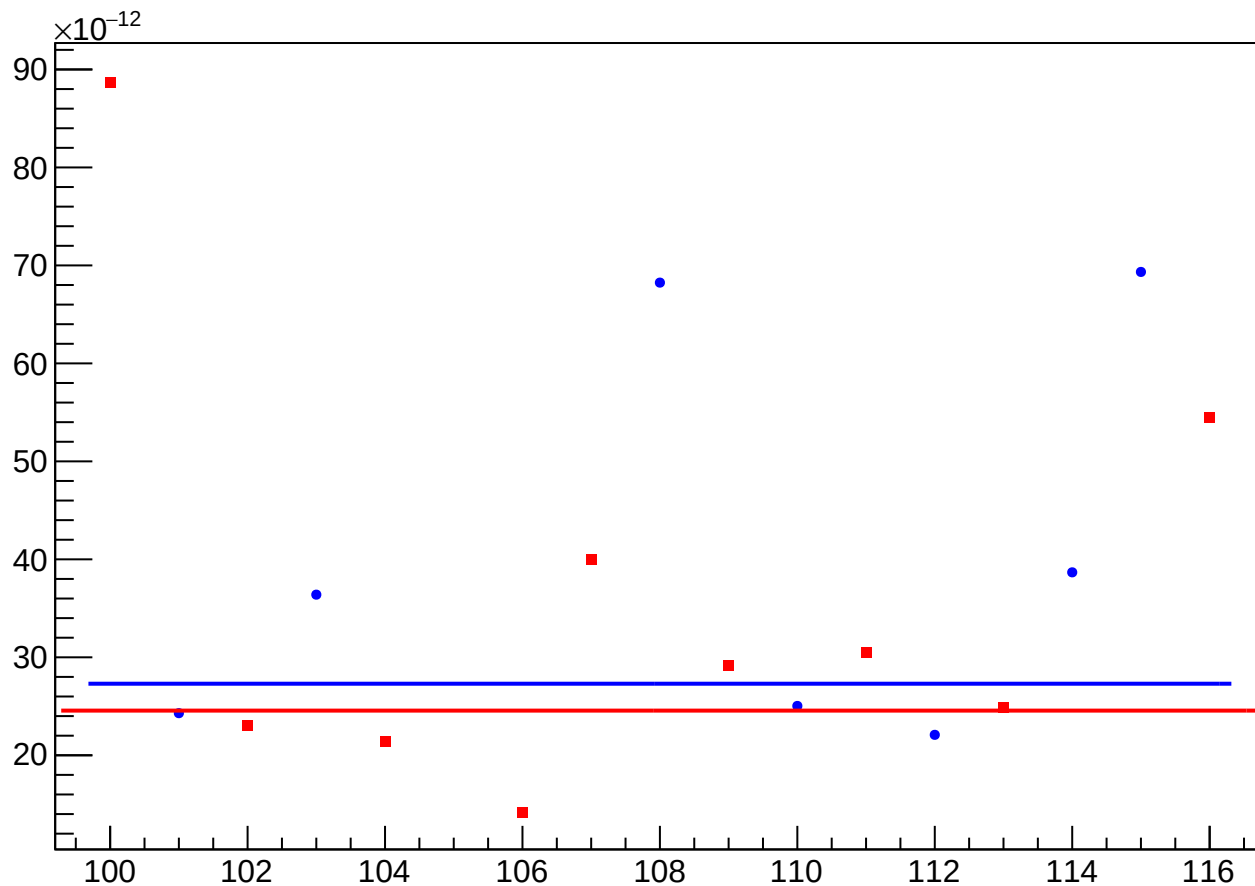
Right: 0.000+/-0.000 χ^2/NDF : 23.6/15

In: 0.000+/-0.000 χ^2/NDF : 12.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/15

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 419945.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 398481.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

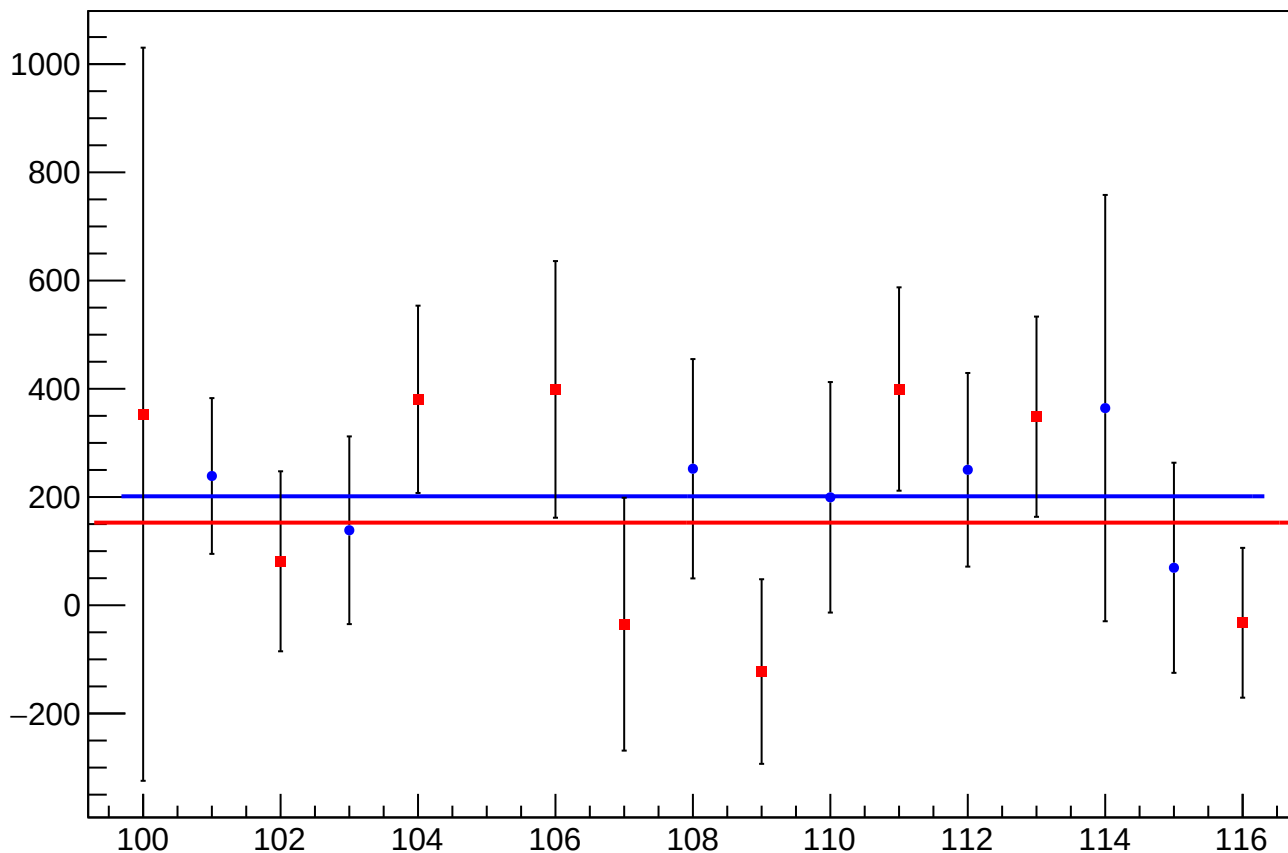
Right: 0.000+/-0.000 χ^2/NDF : 839074.0/15

In: 0.000+/-0.000 χ^2/NDF : 419945.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 839074.0/15

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 201.341+/-72.146 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.686+/-63.005 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

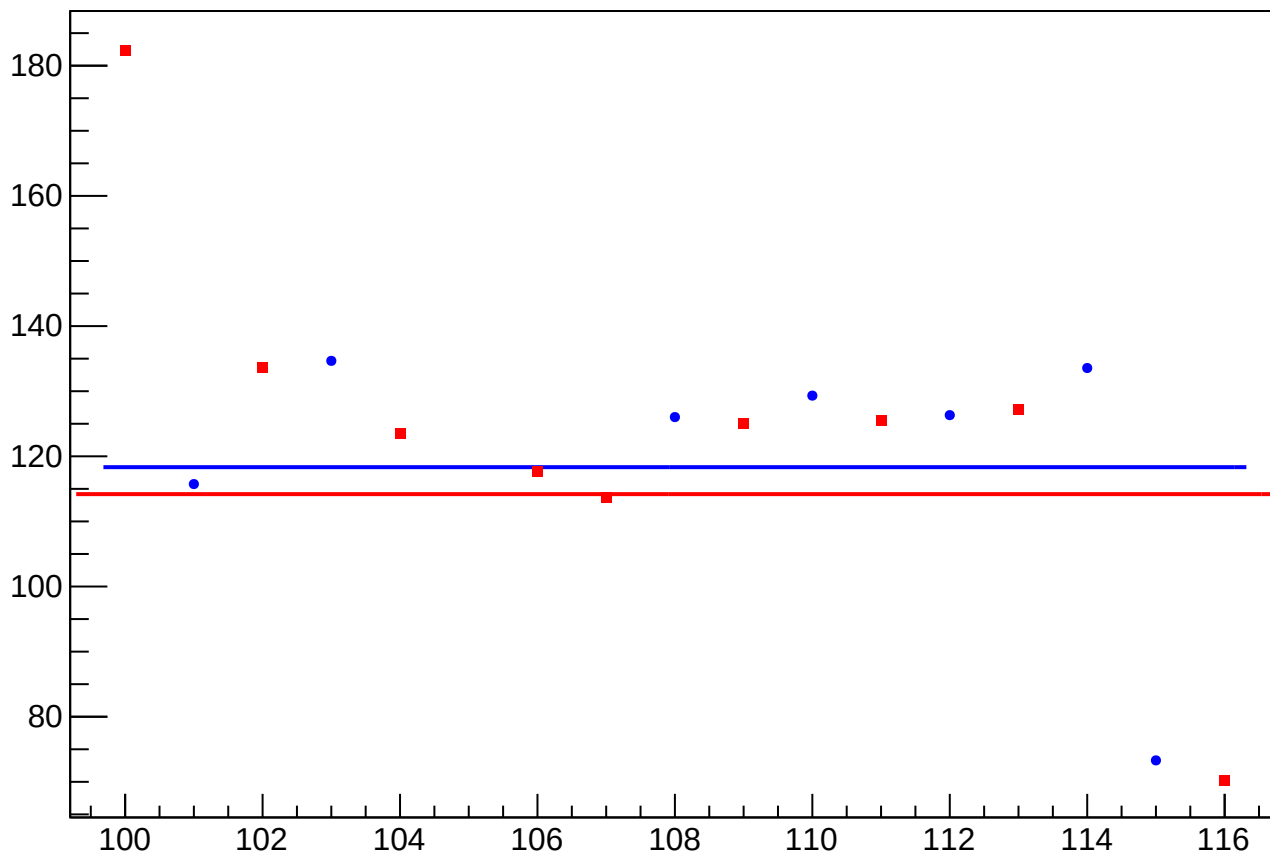
Right: 173.738+/-47.456 χ^2/NDF : 12.2/15

In: 201.341+/-72.146 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.738+/-47.456 χ^2/NDF : 12.2/15

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 118.334 $\pm$ 0.051 χ^2 /NDF: 141190.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.191 $\pm$ 0.045 χ^2 /NDF: 280724.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

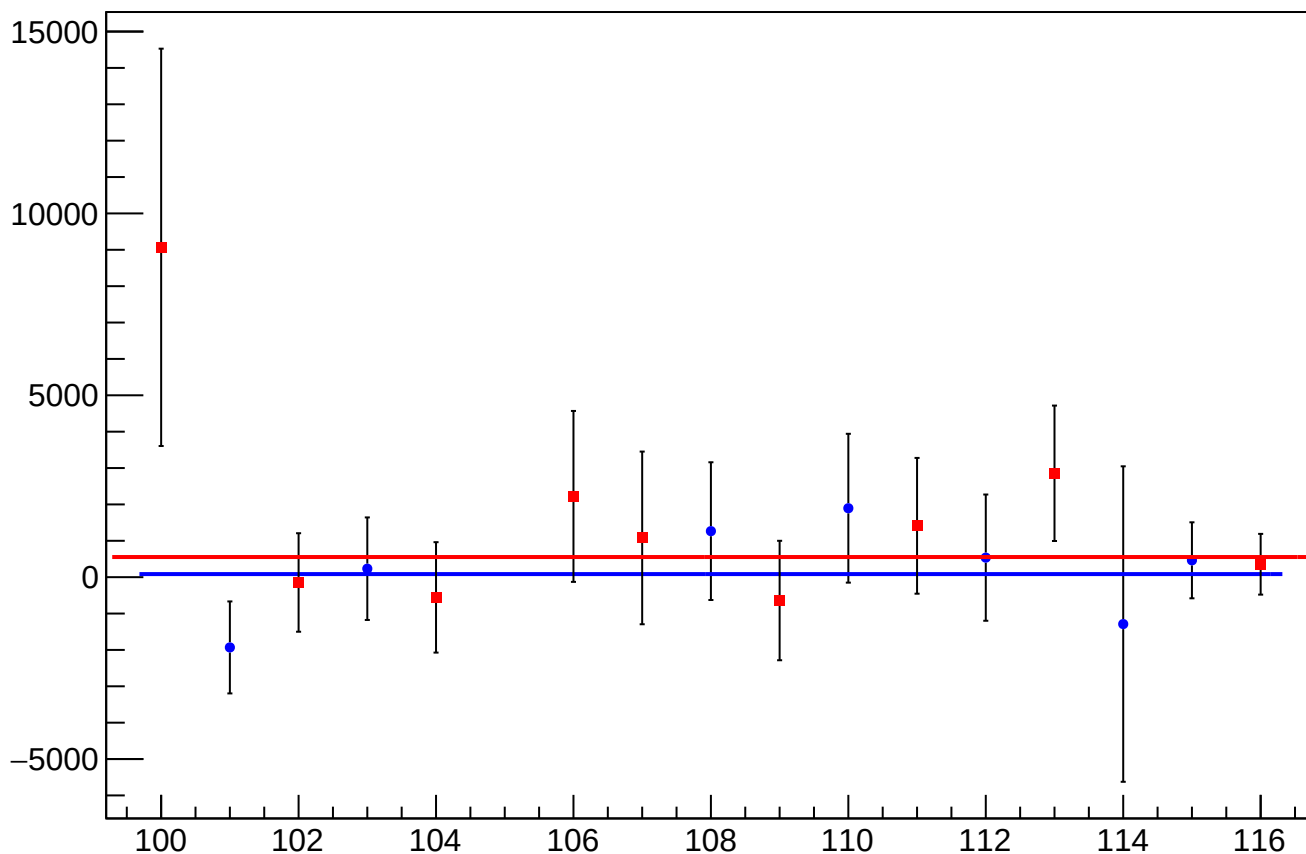
Right: 115.984 $\pm$ 0.034 χ^2 /NDF: 425656.8/15

In: 118.334 $\pm$ 0.051 χ^2 /NDF:141190.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.984 $\pm$ 0.034 χ^2 /NDF: 425656.8/15

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 84.734+/-582.376 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.717+/-516.234 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

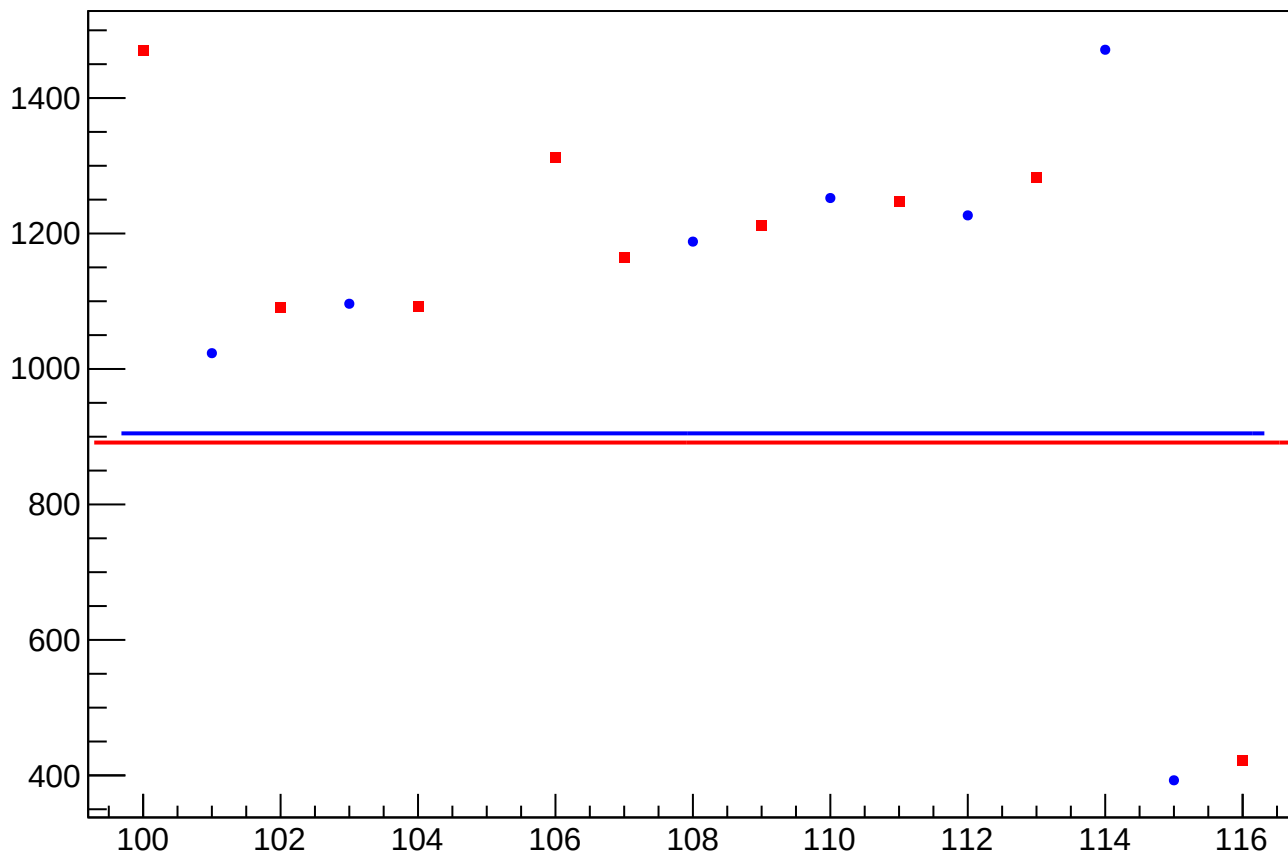
Right: 347.359+/-386.310 χ^2/NDF : 10.5/15

In: 84.734+/-582.376 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.359+/-386.310 χ^2/NDF : 10.5/15

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 904.937+/-0.412 χ^2/NDF : 740516.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.384+/-0.365 χ^2/NDF : 1061969.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

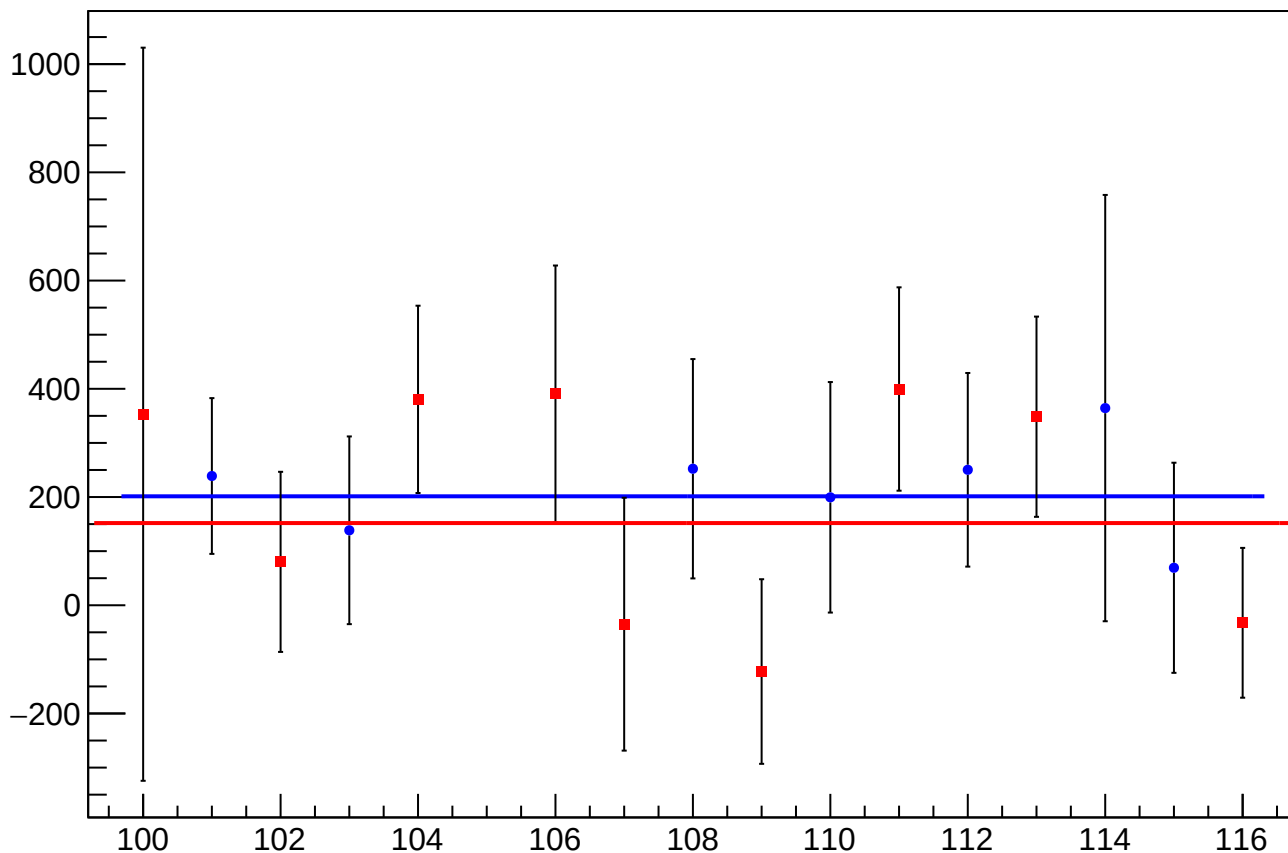
Right: 897.347+/-0.273 χ^2/NDF : 1803092.8/15

In: 904.937+/-0.412 χ^2/NDF : 740516.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.347+/-0.273 χ^2/NDF : 1803092.8/15

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 201.336+/-72.146 χ^2/NDF : 1.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.895+/-63.016 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

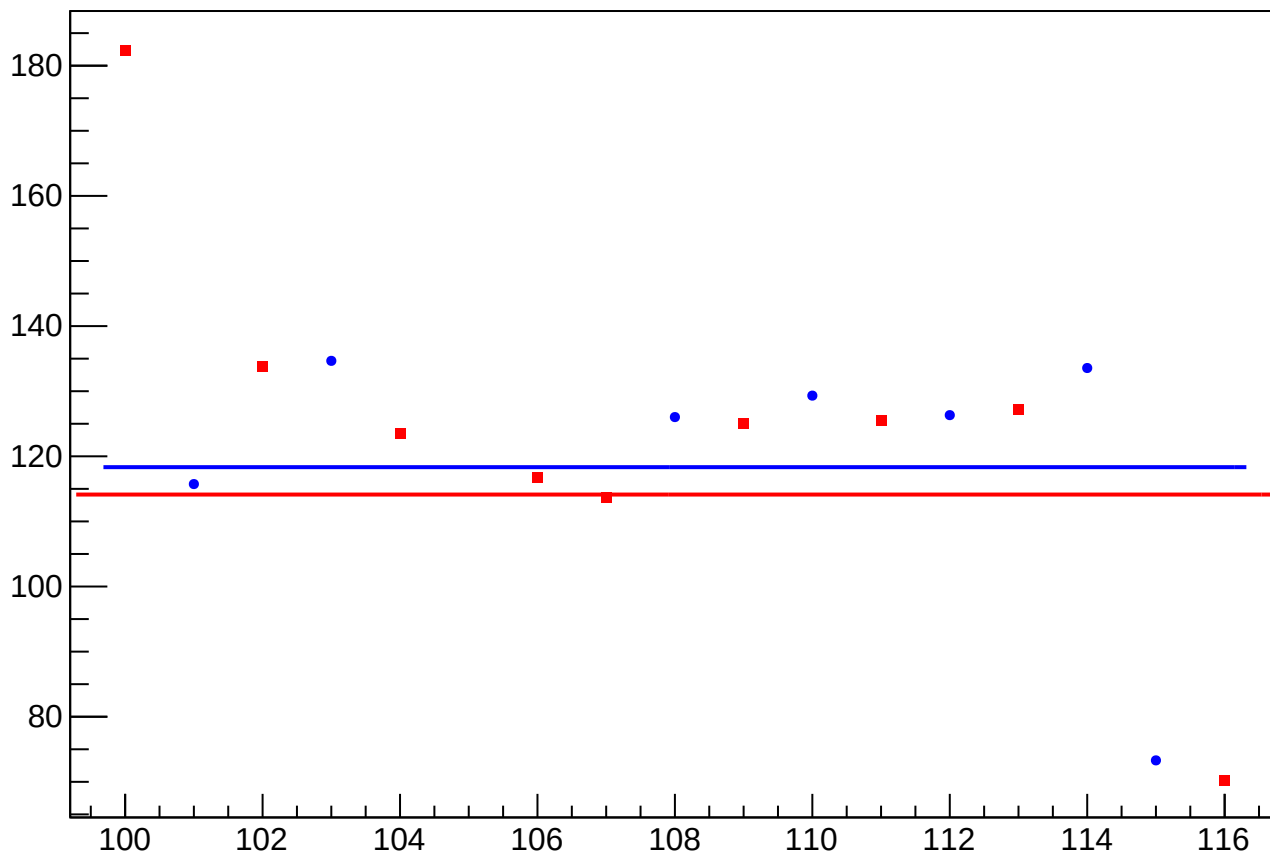
Right: 173.291+/-47.460 χ^2/NDF : 12.1/15

In: 201.336+/-72.146 χ^2/NDF : 1.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.291+/-47.460 χ^2/NDF : 12.1/15

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 118.334 $\pm$ 0.051 χ^2 /NDF: 141191.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.127 $\pm$ 0.045 χ^2 /NDF: 280678.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

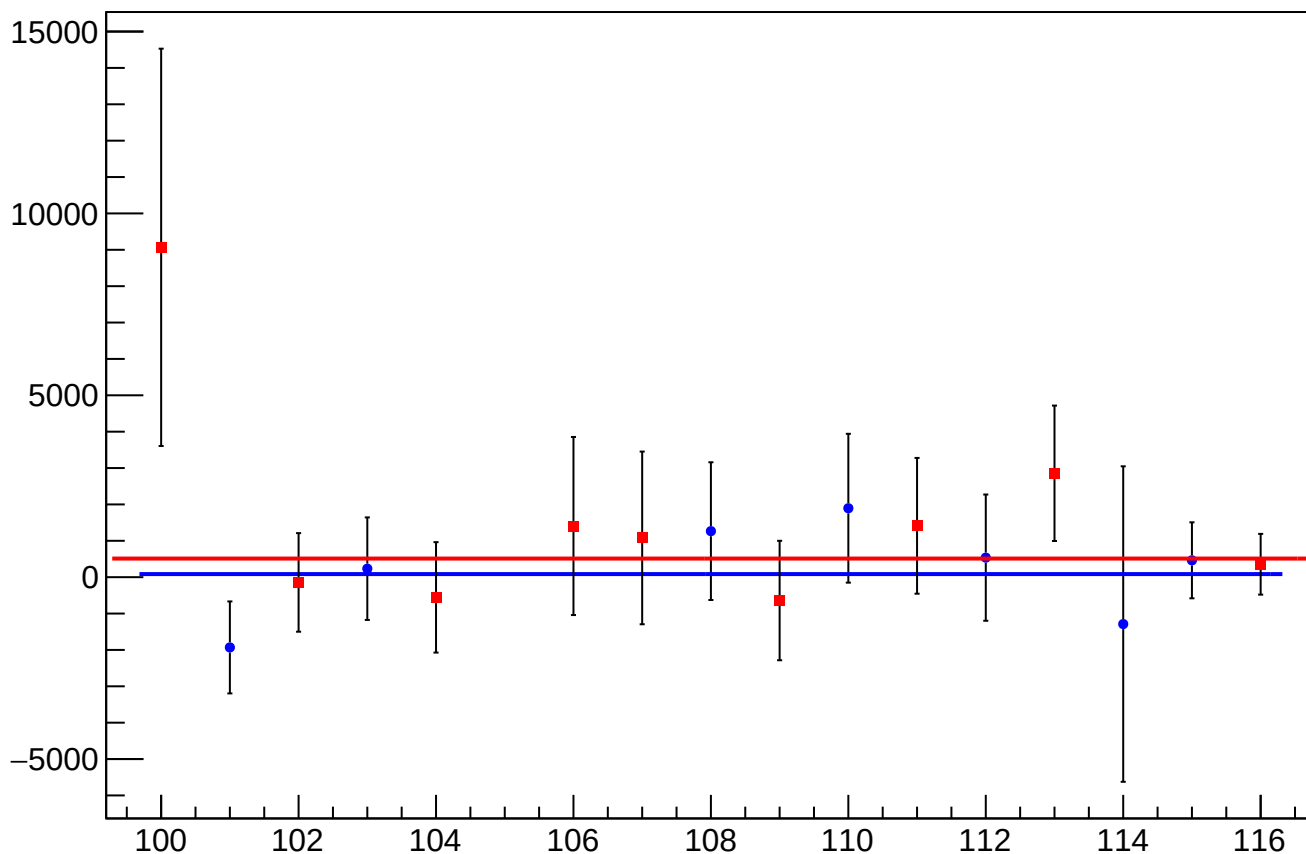
Right: 115.948 $\pm$ 0.034 χ^2 /NDF: 425728.7/15

In: 118.334 $\pm$ 0.051 χ^2 /NDF: 141191.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.948 $\pm$ 0.034 χ^2 /NDF: 425728.7/15

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 84.858+/-582.381 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.526+/-517.270 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

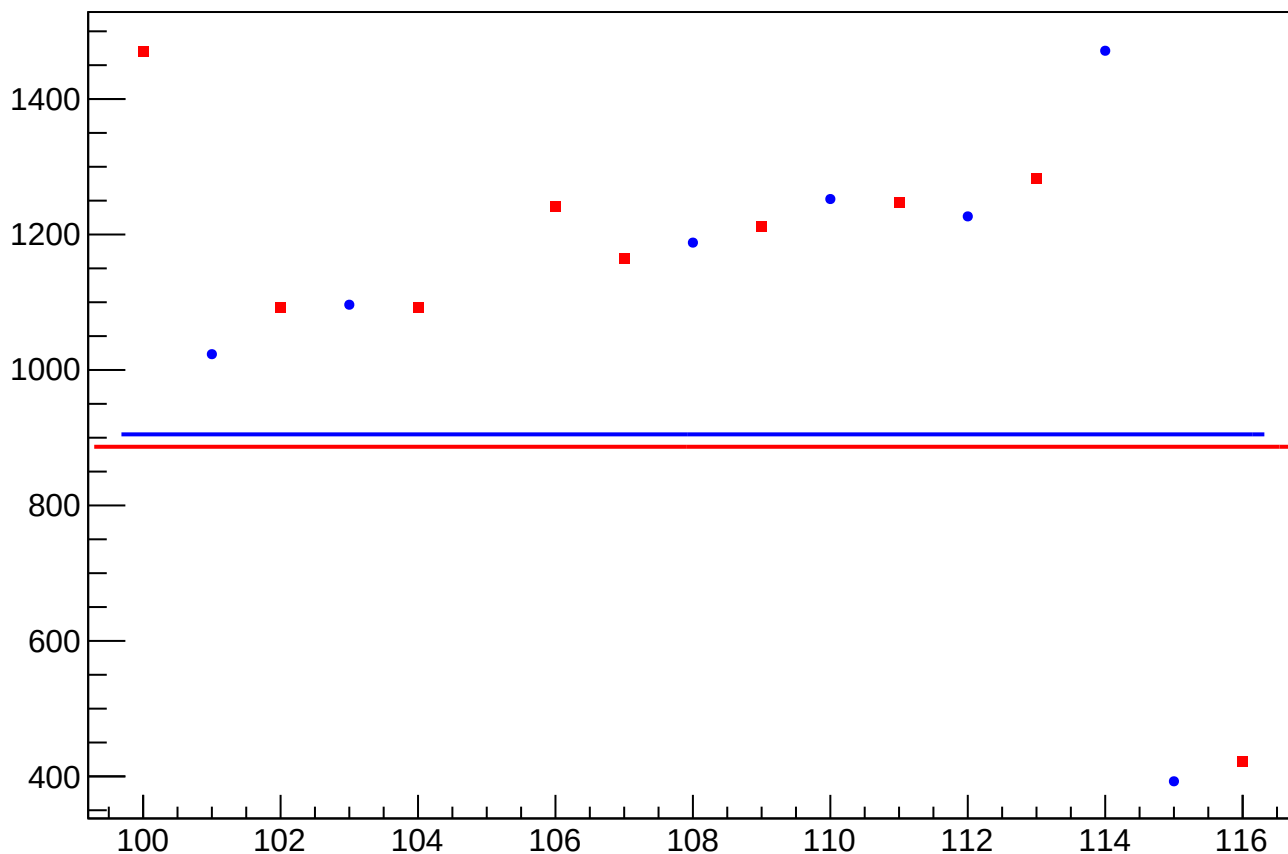
Right: 323.367+/-386.745 χ^2/NDF : 10.0/15

In: 84.858+/-582.381 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.367+/-386.745 χ^2/NDF : 10.0/15

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.941+/-0.412 χ^2/NDF : 740547.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.635+/-0.366 χ^2/NDF : 1038491.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

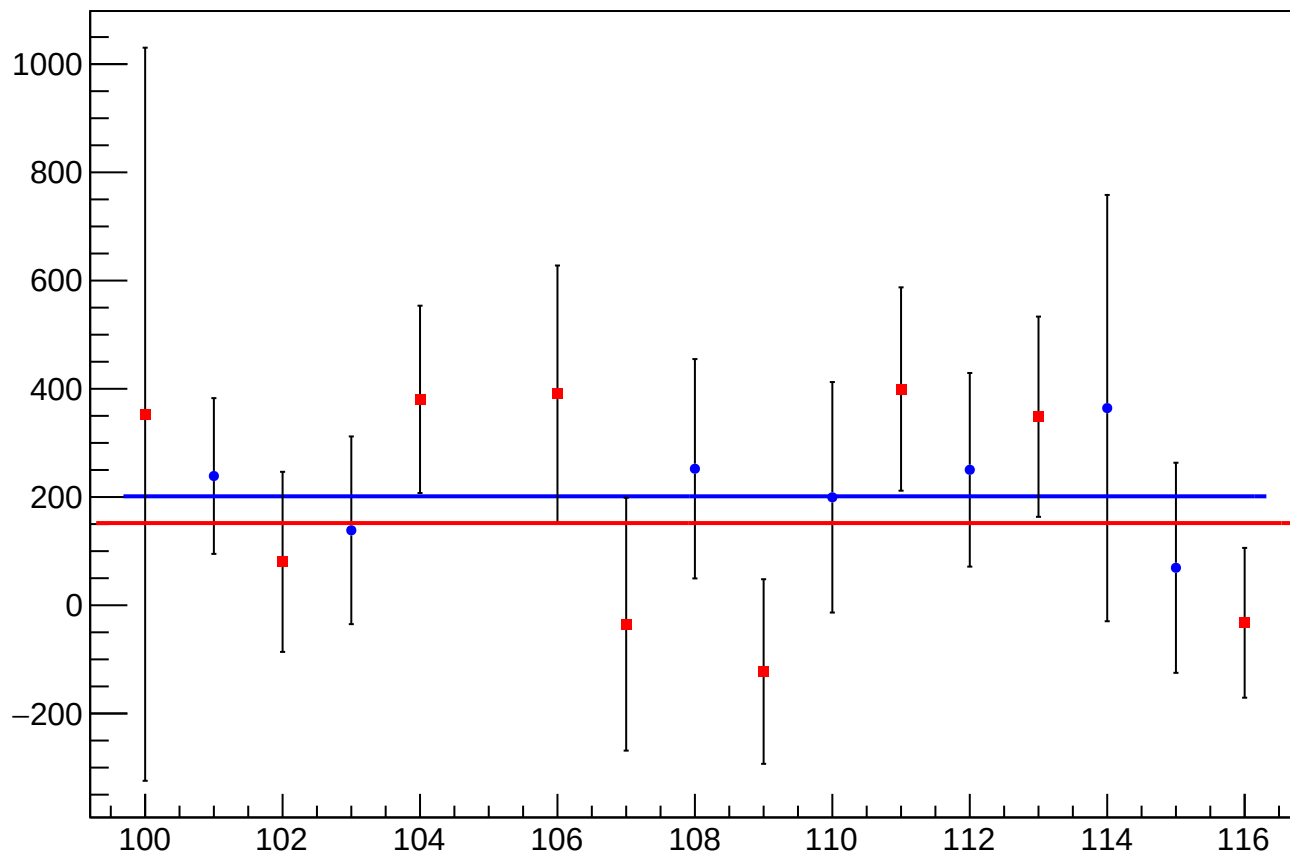
Right: 894.707+/-0.273 χ^2/NDF : 1780144.1/15

In: 904.941+/-0.412 χ^2/NDF : 740547.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.707+/-0.273 χ^2/NDF : 1780144.1/15

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 201.336 $\pm$ 72.146 χ^2/NDF : 1.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 151.895 $\pm$ 63.016 χ^2/NDF : 10.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

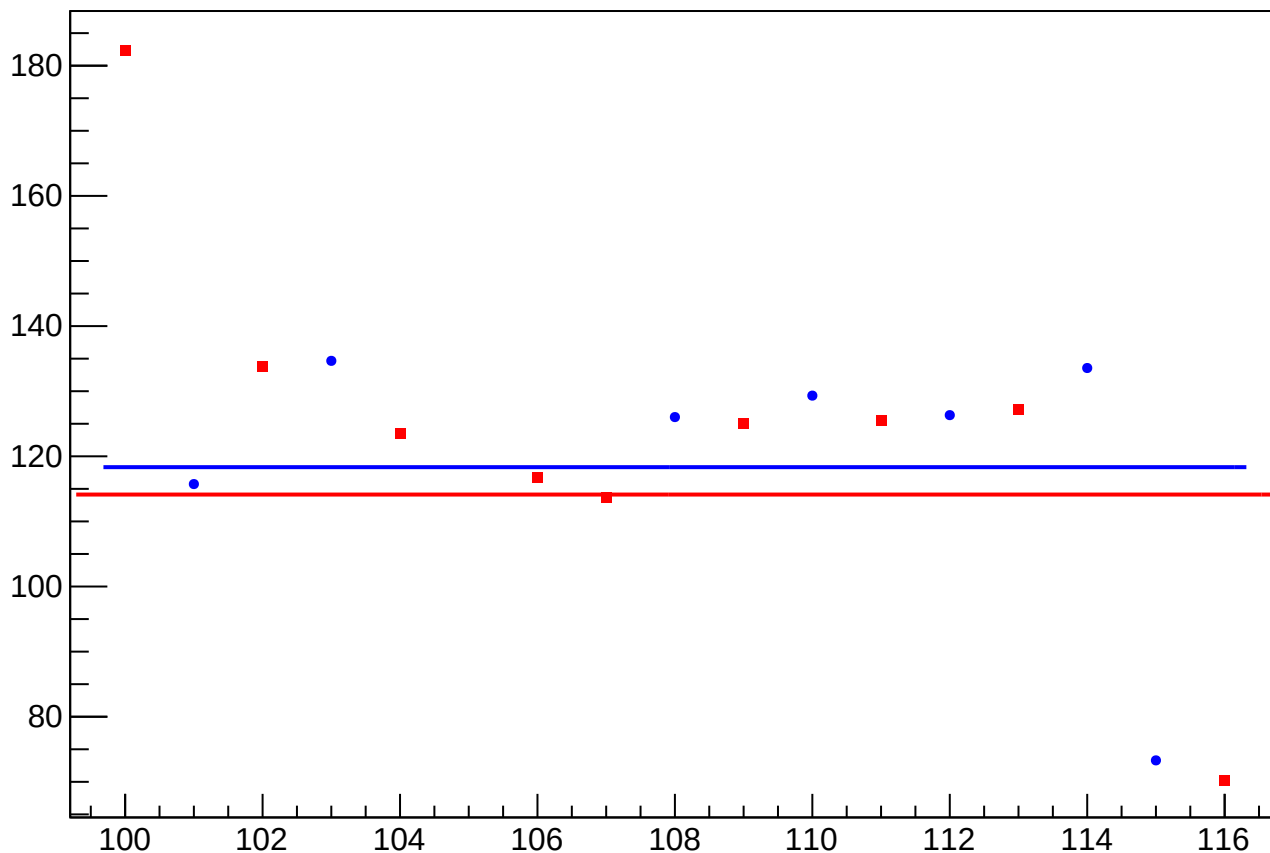
Right: 173.291 $\pm$ 47.460 χ^2/NDF : 12.1/15

In: 201.336 $\pm$ 72.146 χ^2/NDF : 1.0/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 173.291 $\pm$ 47.460 χ^2/NDF : 12.1/15

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 118.334 $\pm$ 0.051 χ^2 /NDF: 141191.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.127 $\pm$ 0.045 χ^2 /NDF: 280678.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

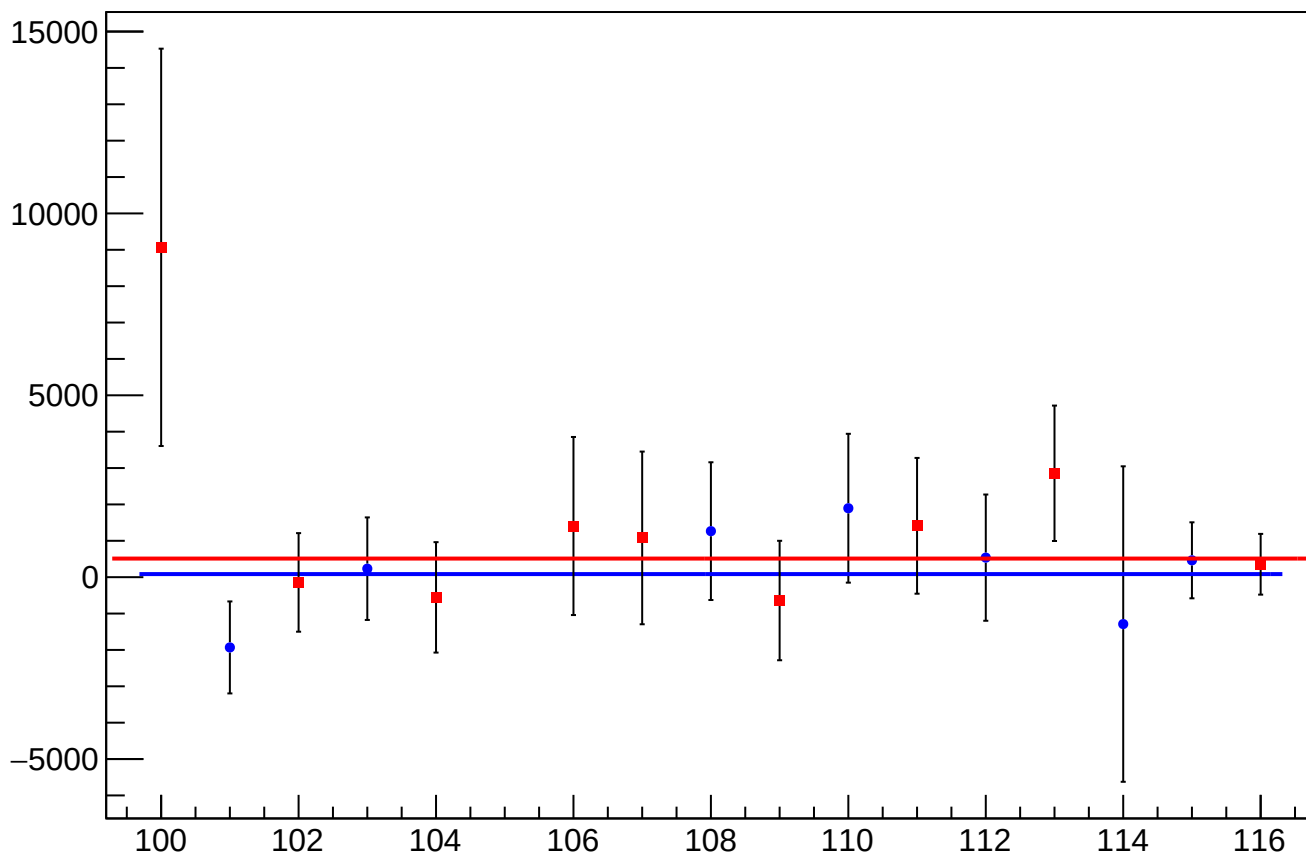
Right: 115.948 $\pm$ 0.034 χ^2 /NDF: 425728.7/15

In: 118.334 $\pm$ 0.051 χ^2 /NDF:141191.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.948 $\pm$ 0.034 χ^2 /NDF: 425728.7/15

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 84.858+/-582.381 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.526+/-517.270 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

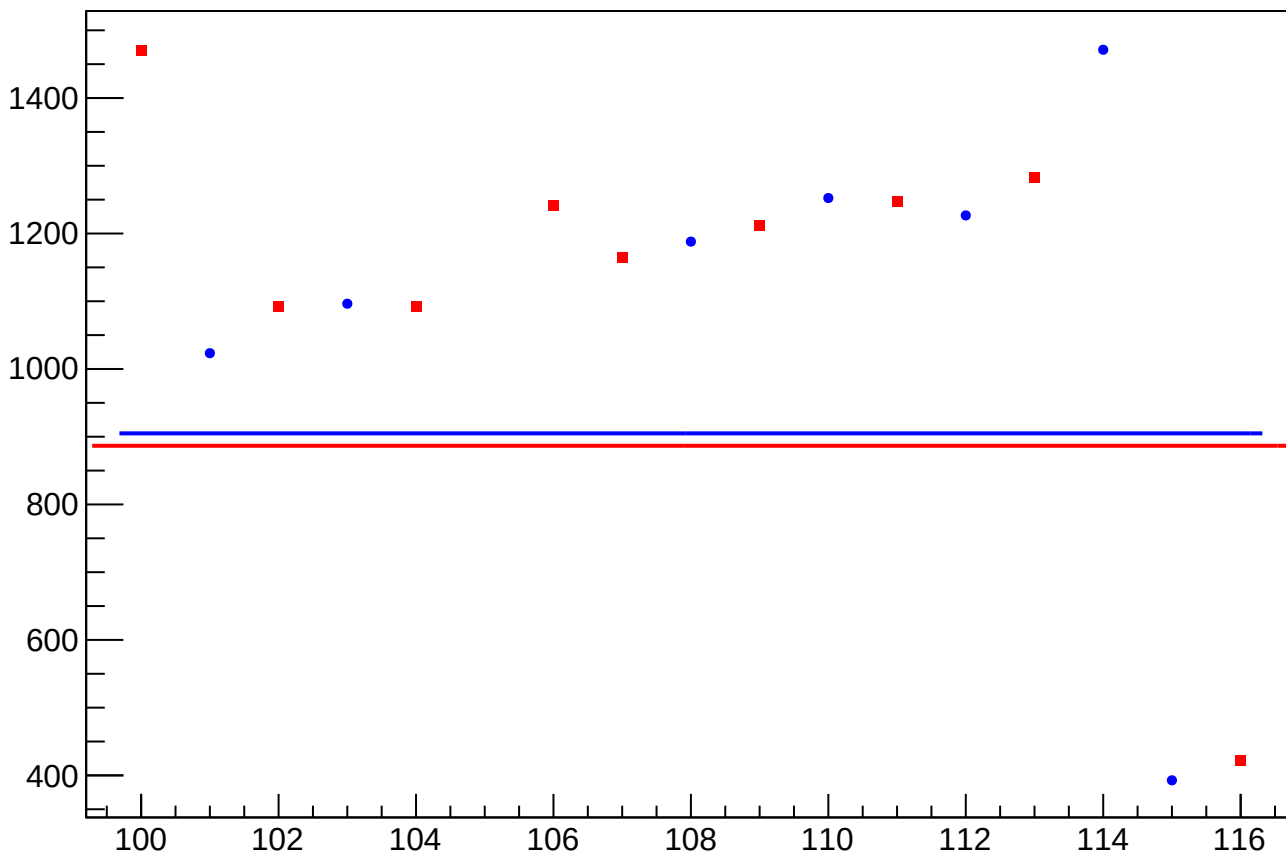
Right: 323.367+/-386.745 χ^2/NDF : 10.0/15

In: 84.858+/-582.381 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.367+/-386.745 χ^2/NDF : 10.0/15

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.941+/-0.412 χ^2/NDF : 740547.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.635+/-0.366 χ^2/NDF : 1038491.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

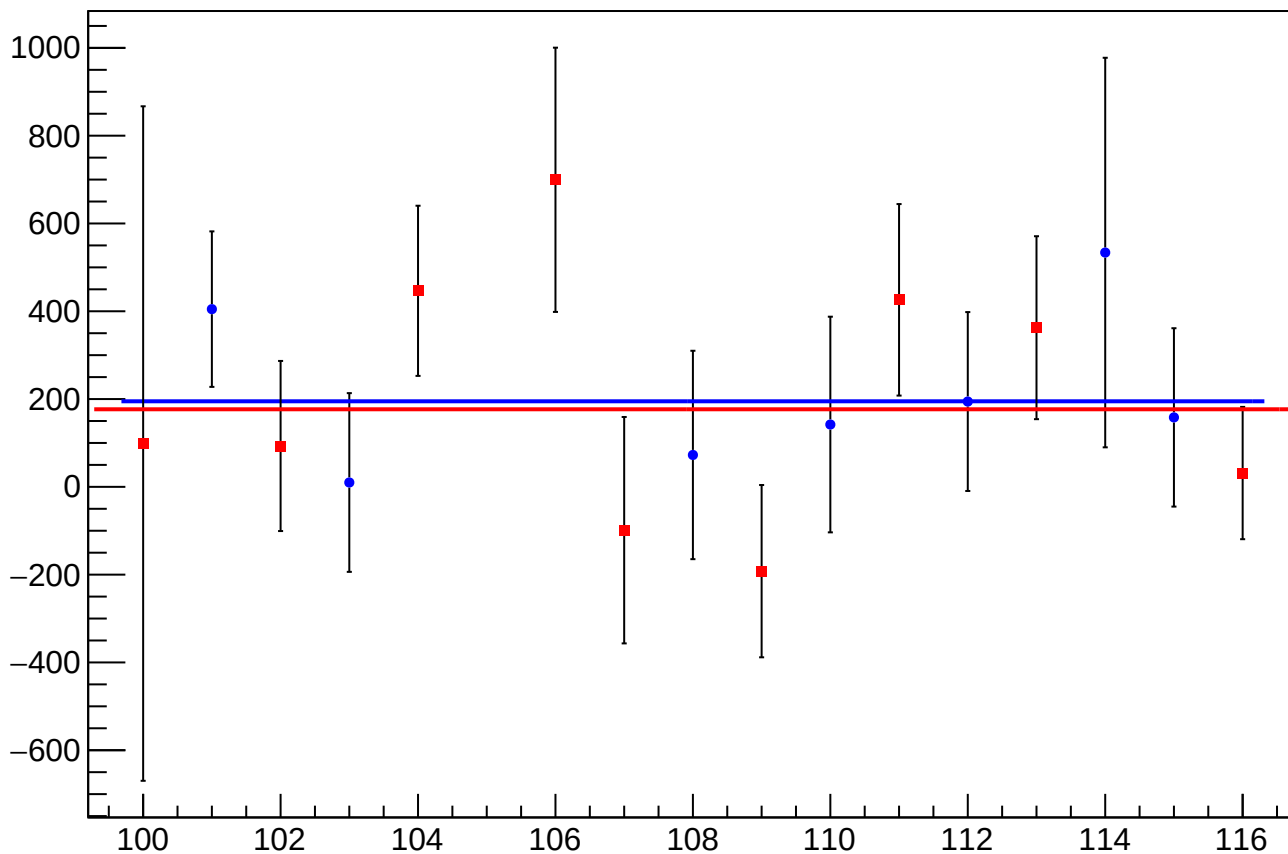
Right: 894.707+/-0.273 χ^2/NDF : 1780144.1/15

In: 904.941+/-0.412 χ^2/NDF : 740547.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.707+/-0.273 χ^2/NDF : 1780144.1/15

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 194.912 $\pm$ 83.418 χ^2 /NDF: 3.2/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 176.707 $\pm$ -71.600 χ^2 /NDF: 12.9/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

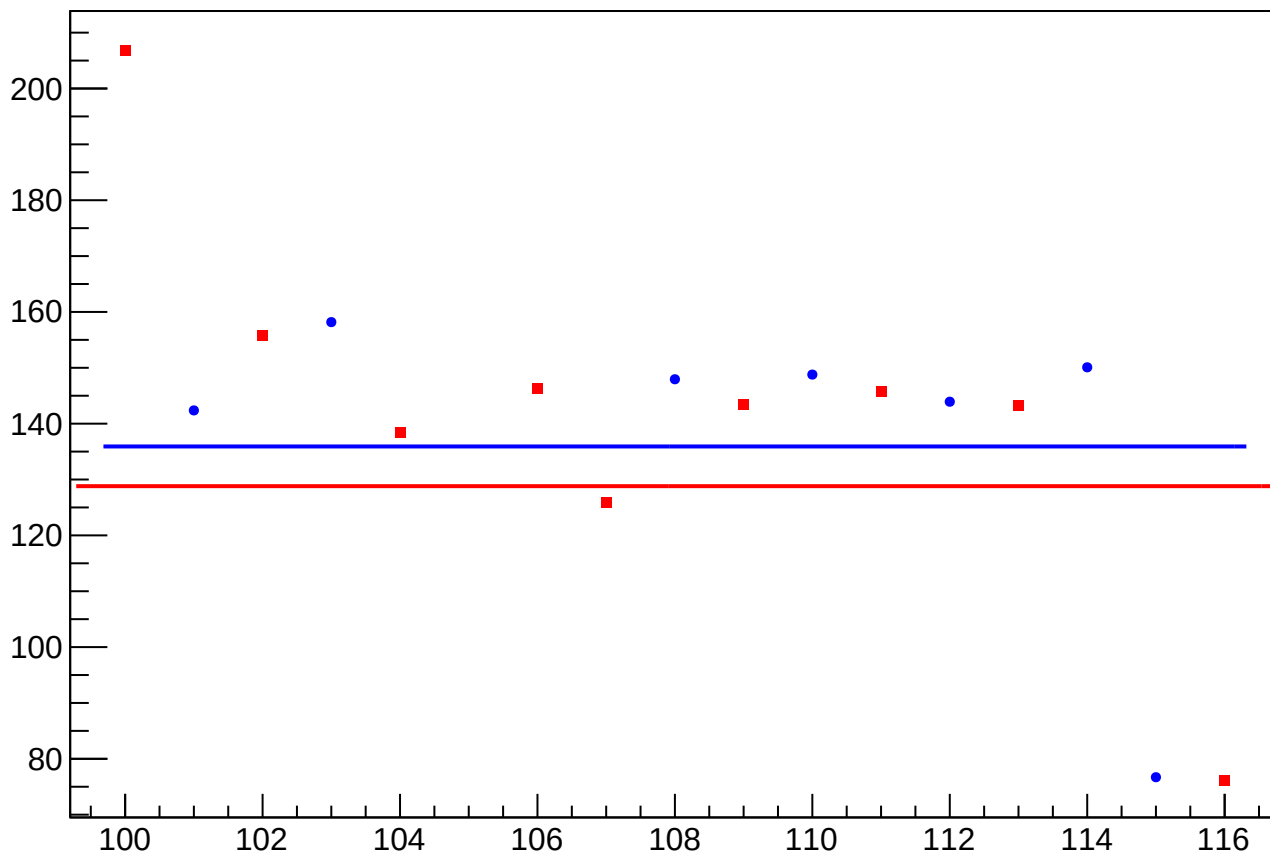
Right: 184.430 $\pm$ -54.331 χ^2 /NDF: 16.0/15

In: 194.912 $\pm$ -83.418 χ^2 /NDF:3.2/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 184.430 $\pm$ -54.331 χ^2 /NDF: 16.0/15

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 135.918 $\pm$ 0.059 χ^2 /NDF: 212194.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.809 $\pm$ 0.051 χ^2 /NDF: 347668.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

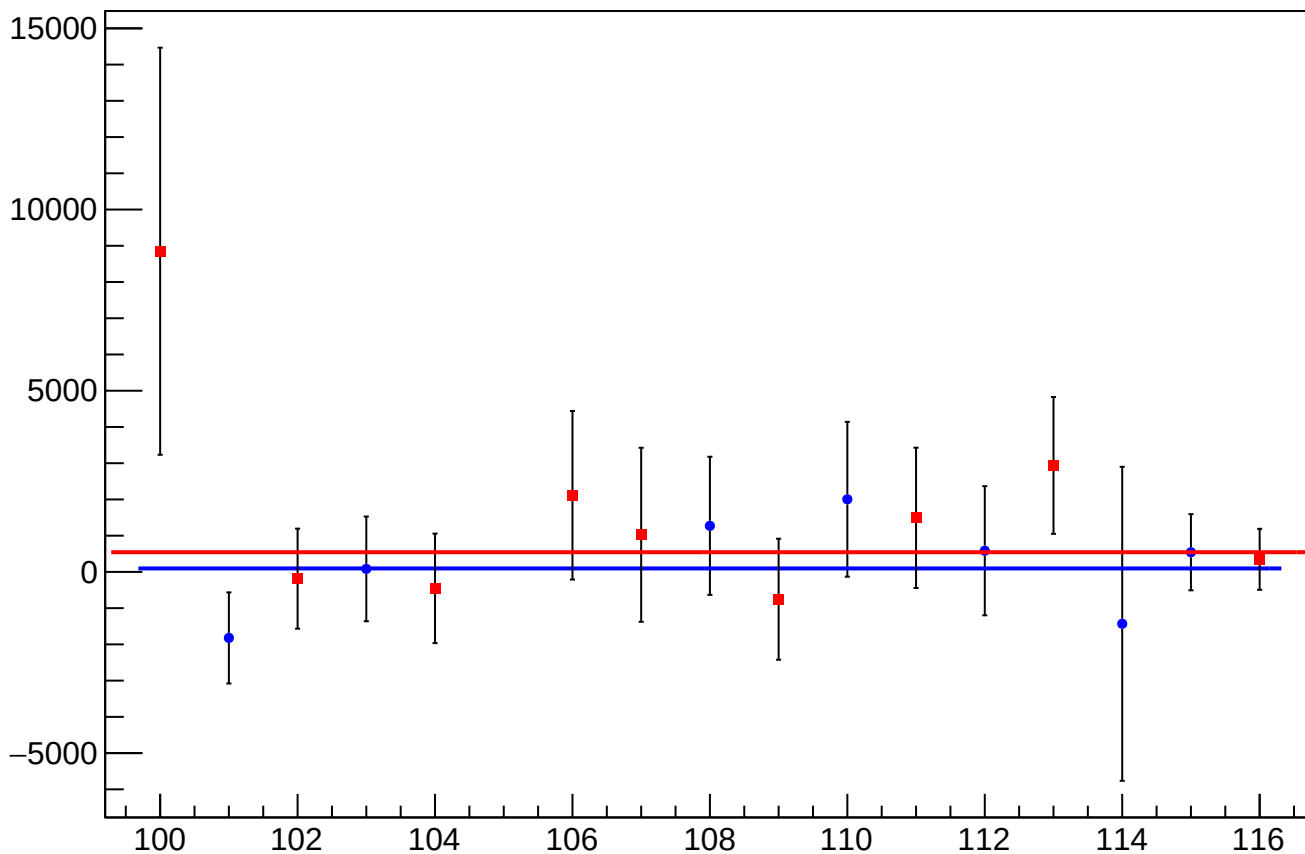
Right: 131.825 $\pm$ 0.038 χ^2 /NDF: 568226.3/15

In: 135.918 $\pm$ 0.059 χ^2 /NDF: 212194.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.825 $\pm$ 0.038 χ^2 /NDF: 568226.3/15

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.919+/-589.298 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.712+/-521.986 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

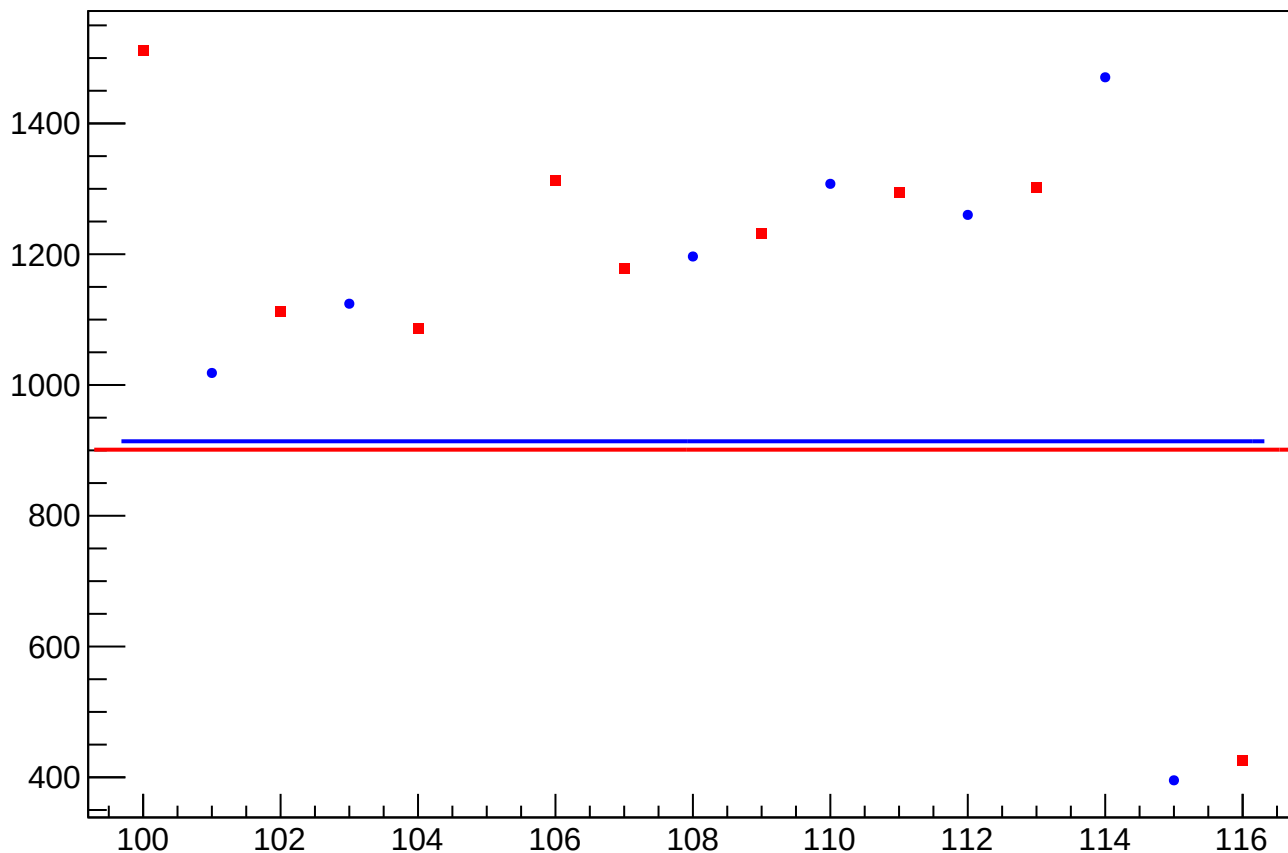
Right: 346.840+/-390.741 χ^2/NDF : 10.1/15

In: 95.919+/-589.298 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.840+/-390.741 χ^2/NDF : 10.1/15

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 913.906+/-0.417 χ^2/NDF : 763654.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 901.061+/-0.369 χ^2/NDF : 1080709.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

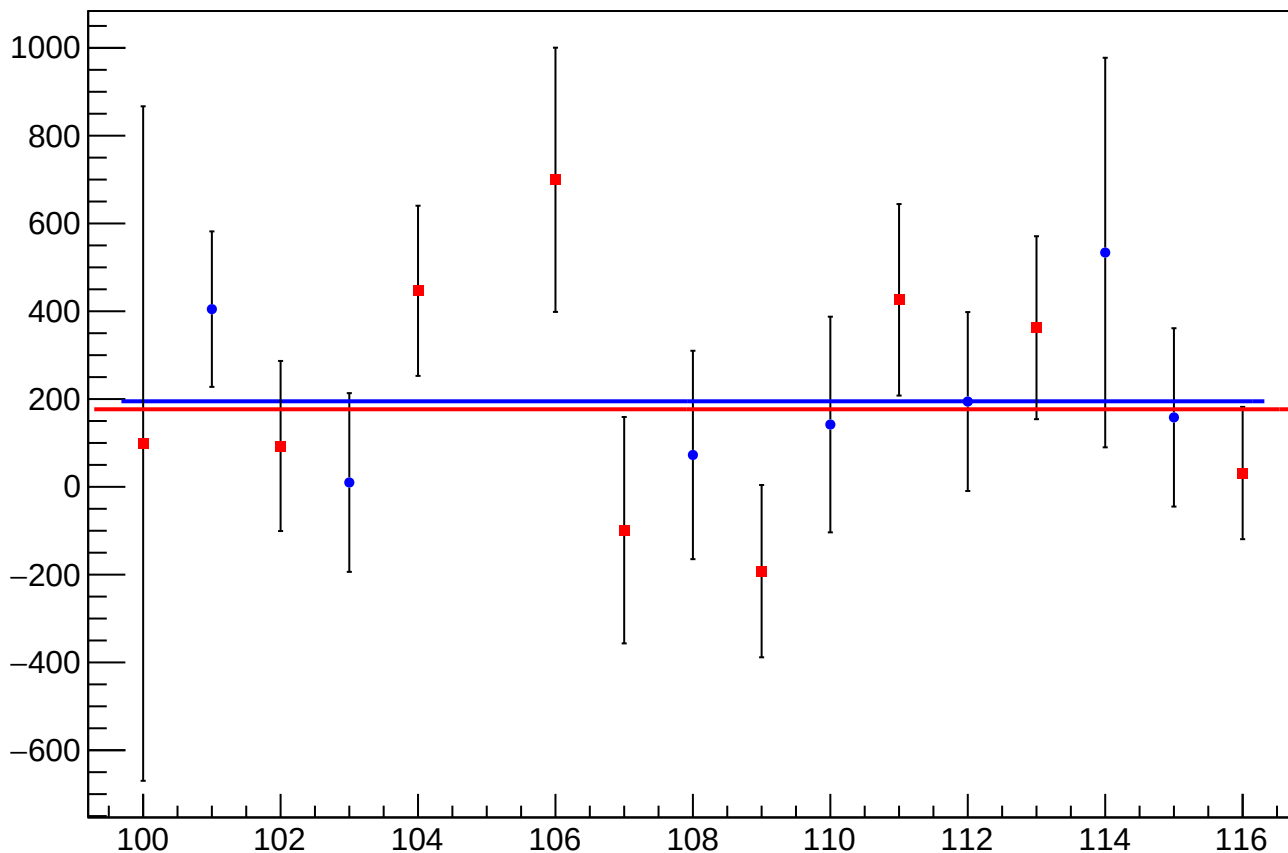
Right: 906.708+/-0.276 χ^2/NDF : 1844896.7/15

In: 913.906+/-0.417 χ^2/NDF : 763654.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.708+/-0.276 χ^2/NDF : 1844896.7/15

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 194.910+/-83.418 χ^2/NDF : 3.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.708+/-71.599 χ^2/NDF : 12.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

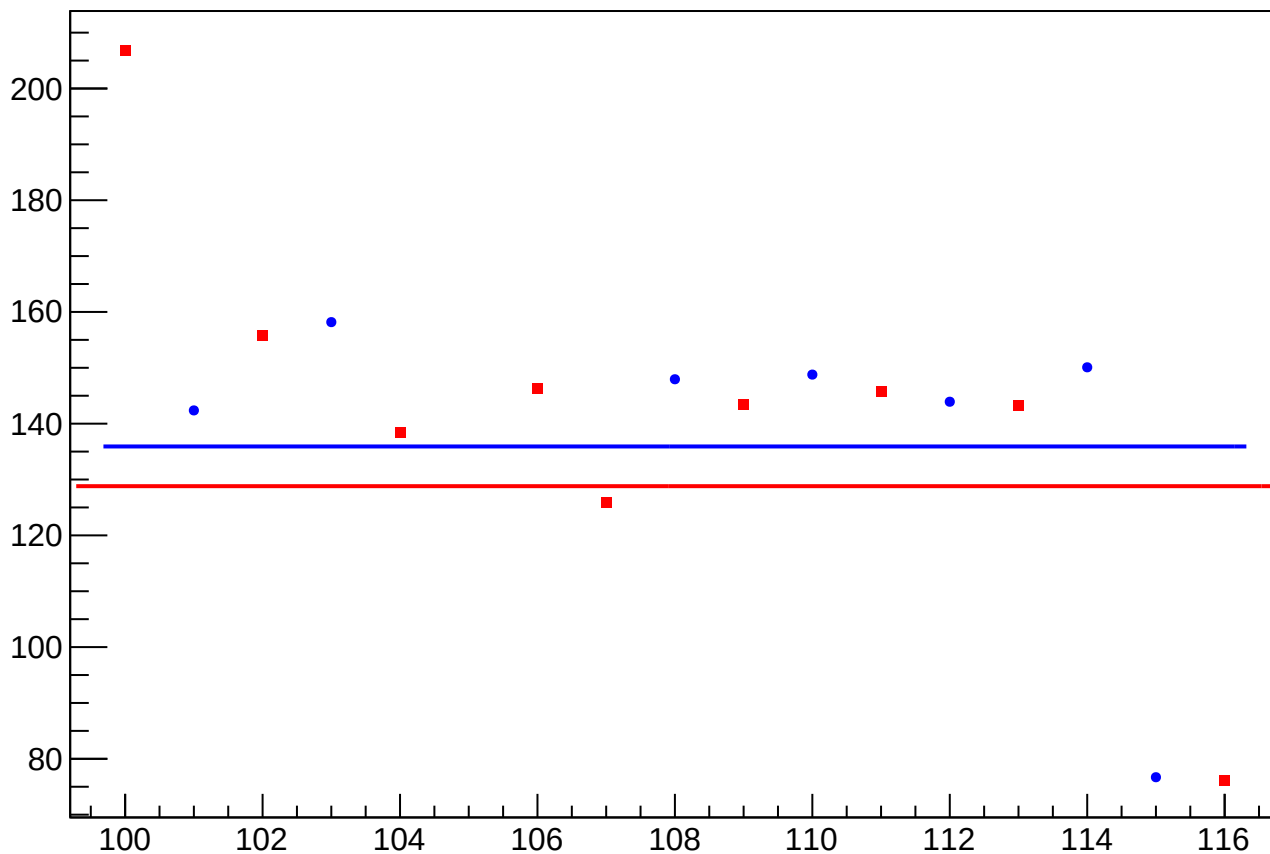
Right: 184.429+/-54.331 χ^2/NDF : 16.0/15

In: 194.910+/-83.418 χ^2/NDF : 3.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.429+/-54.331 χ^2/NDF : 16.0/15

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 135.918+/-0.059 χ^2/NDF : 212188.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.809+/-0.051 χ^2/NDF : 347653.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

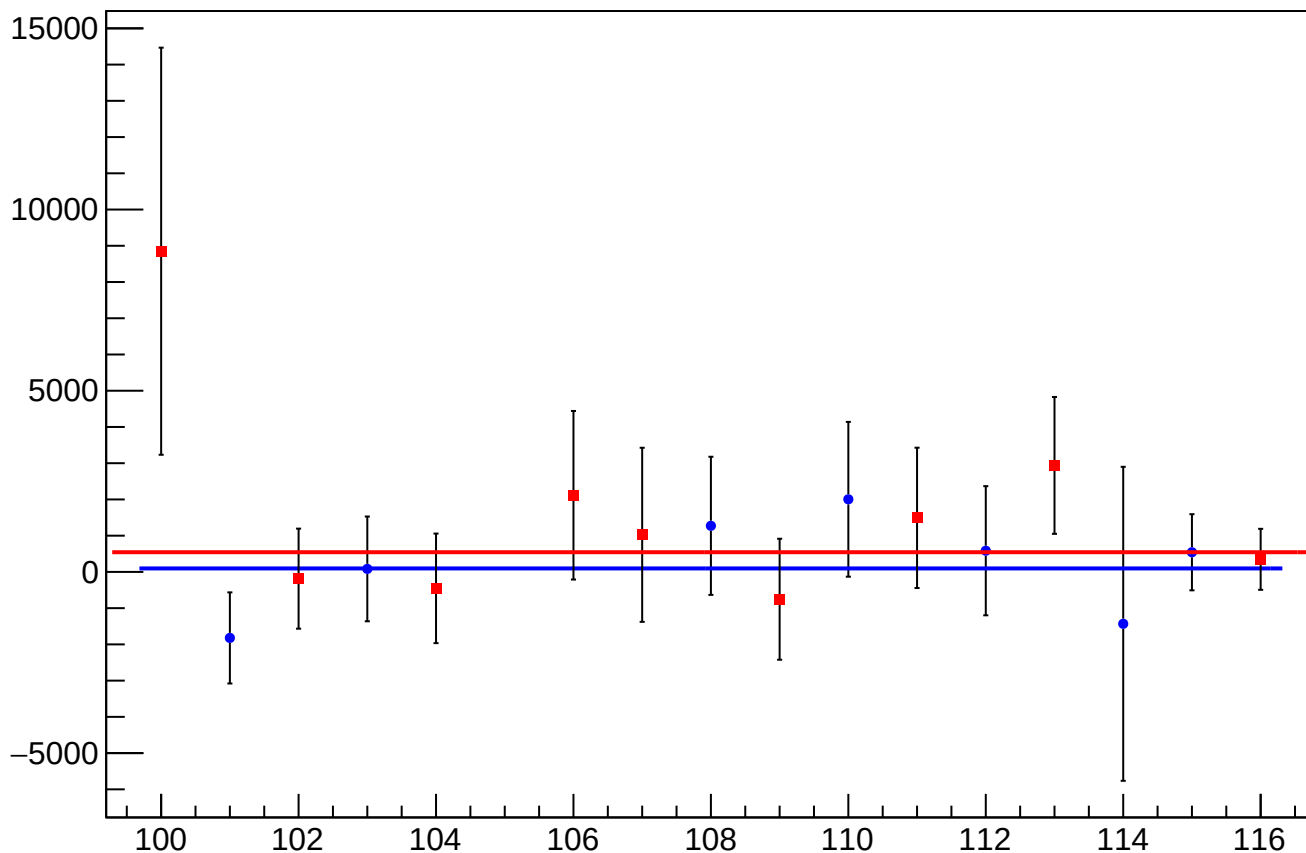
Right: 131.825+/-0.038 χ^2/NDF : 568204.6/15

In: 135.918+/-0.059 χ^2/NDF : 212188.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.825+/-0.038 χ^2/NDF : 568204.6/15

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.920+/-589.298 χ^2/NDF : 3.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.711+/-521.985 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

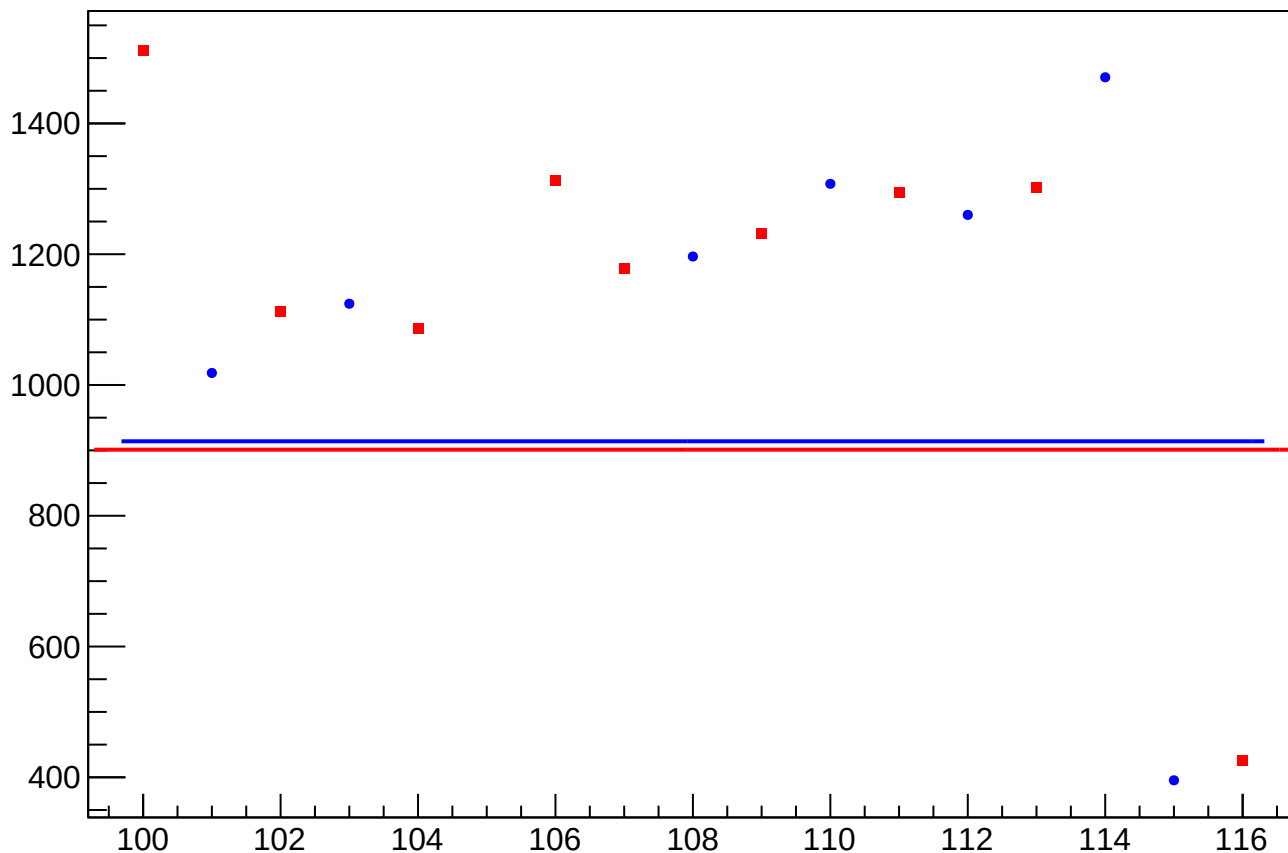
Right: 346.840+/-390.740 χ^2/NDF : 10.1/15

In: 95.920+/-589.298 χ^2/NDF : 3.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.840+/-390.740 χ^2/NDF : 10.1/15

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 913.907+/-0.417 χ^2/NDF : 763639.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 901.062+/-0.369 χ^2/NDF : 1080693.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

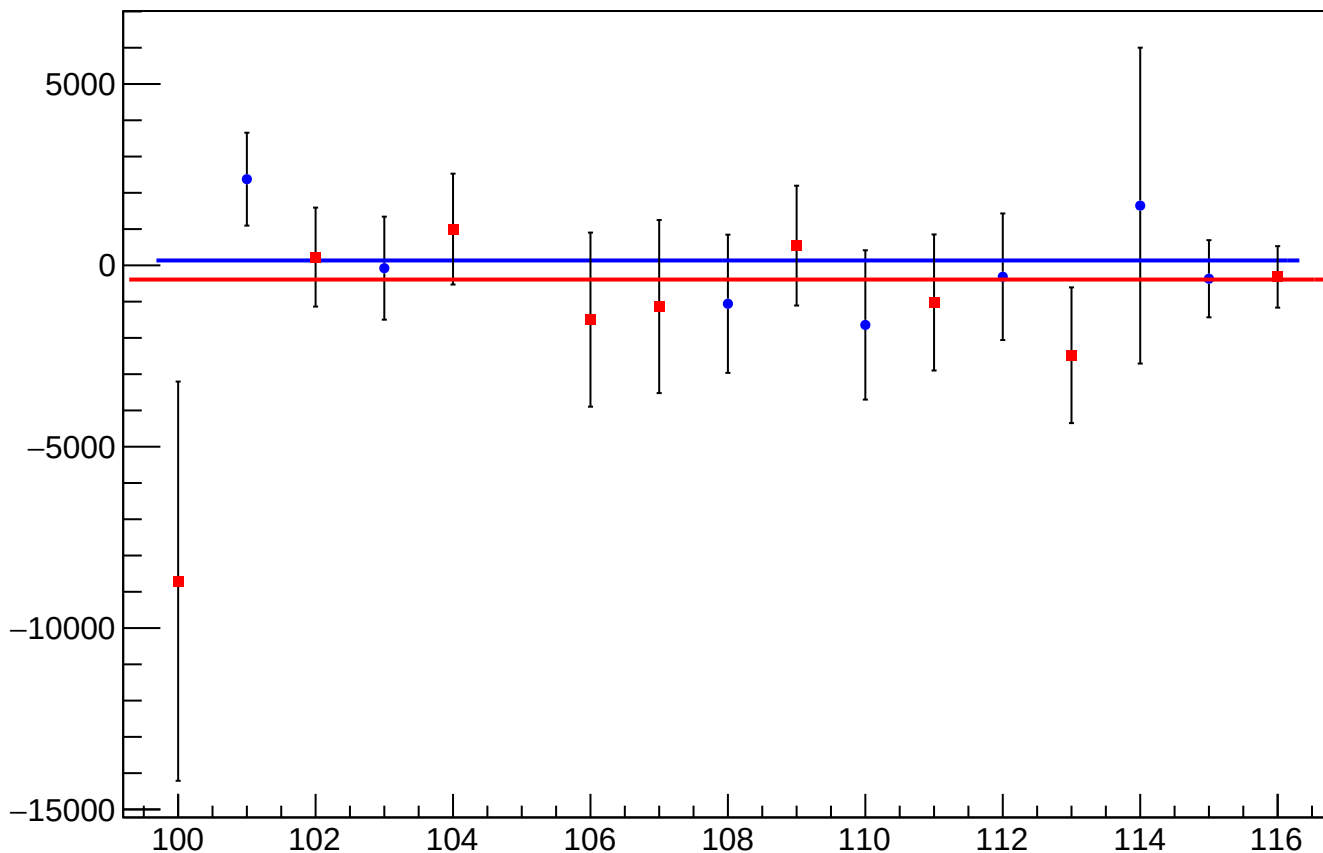
Right: 906.709+/-0.276 χ^2/NDF : 1844864.7/15

In: 913.907+/-0.417 χ^2/NDF : 763639.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.709+/-0.276 χ^2/NDF : 1844864.7/15

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 135.011 $\pm$ 589.015 χ^2 /NDF: 4.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -391.140 $\pm$ 521.527 χ^2 /NDF: 5.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

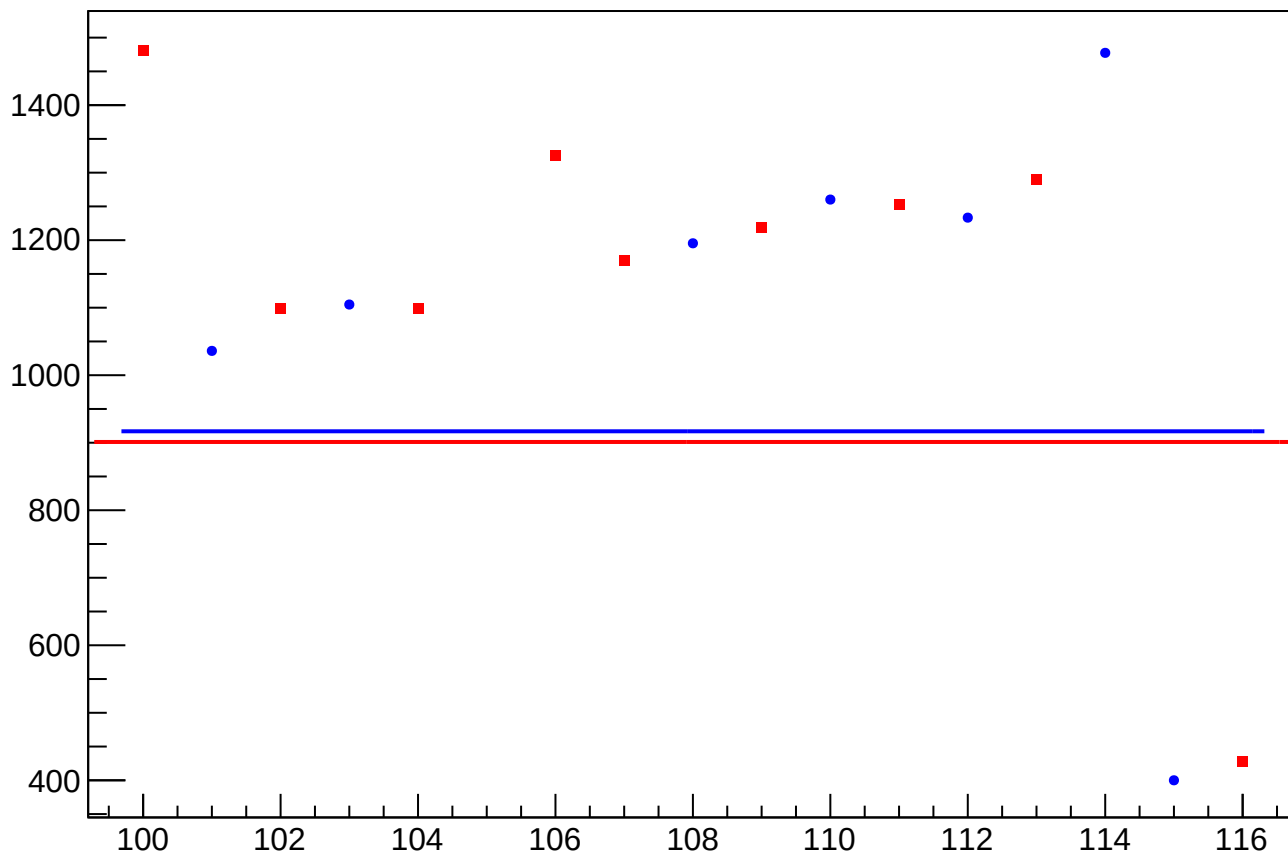
Right: -159.921 $\pm$ 390.465 χ^2 /NDF: 10.4/15

In: 135.011 $\pm$ 589.015 χ^2 /NDF:4.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -159.921 $\pm$ 390.465 χ^2 /NDF: 10.4/15

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 916.930+/-0.416 χ^2/NDF : 721916.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 901.117+/-0.369 χ^2/NDF : 1039990.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

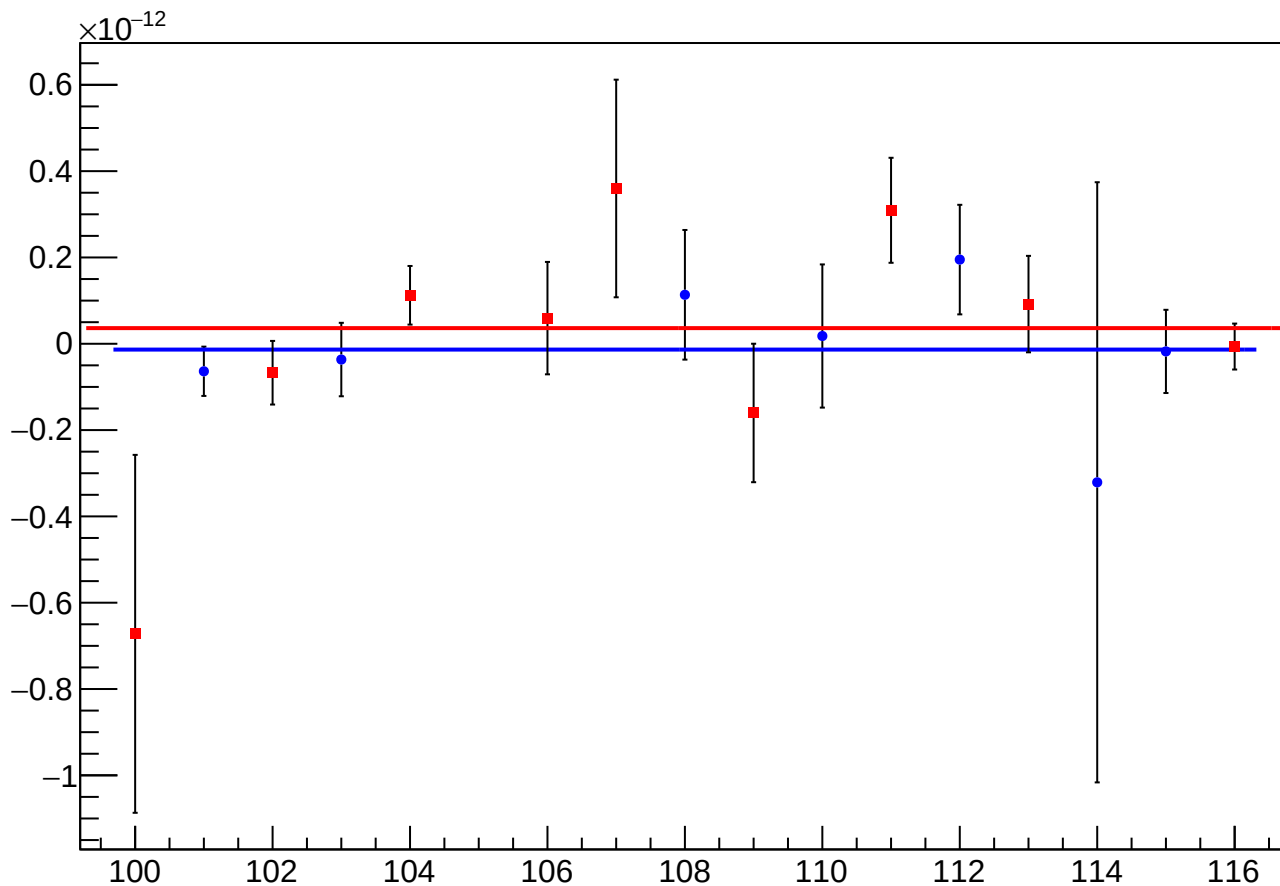
Right: 908.066+/-0.276 χ^2/NDF : 1762715.2/15

In: 916.930+/-0.416 χ^2/NDF : 721916.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.066+/-0.276 χ^2/NDF : 1762715.2/15

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

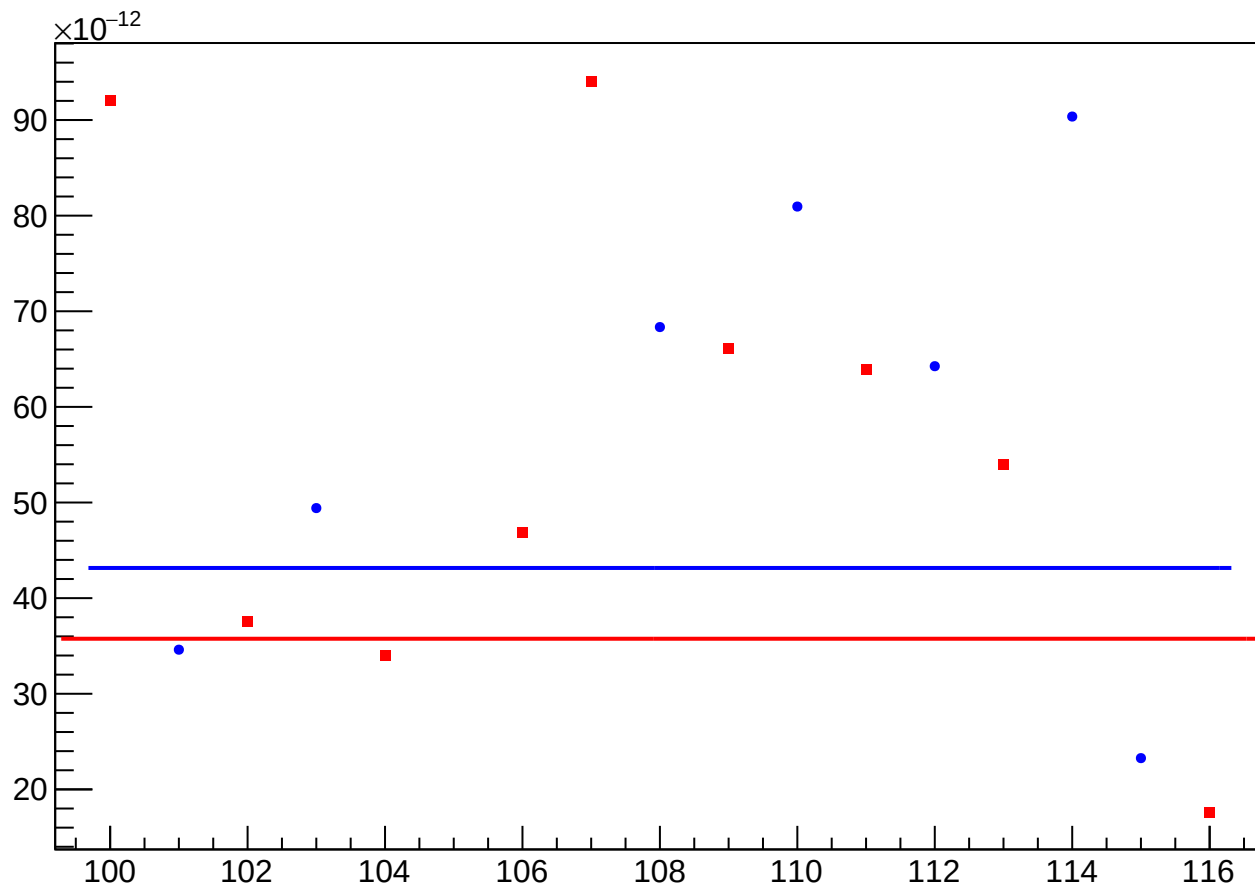
Right: 0.000+/-0.000 χ^2/NDF : 20.8/15

In: -0.000+/-0.000 χ^2/NDF :4.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/15

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 365331.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 626375.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

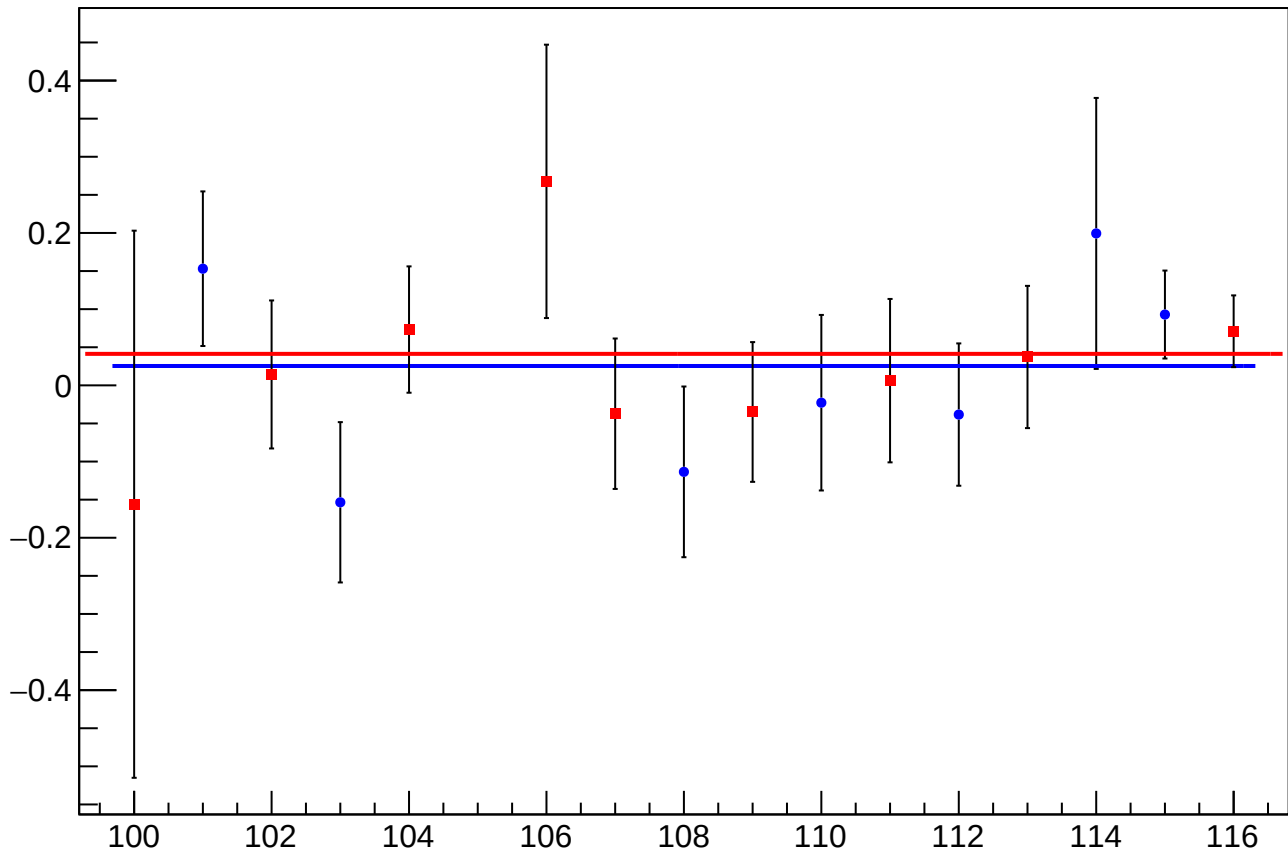
Right: 0.000+/-0.000 χ^2/NDF : 1037105.5/15

In: 0.000+/-0.000 χ^2/NDF : 365331.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1037105.5/15

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.029 χ^2/NDF : 4.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

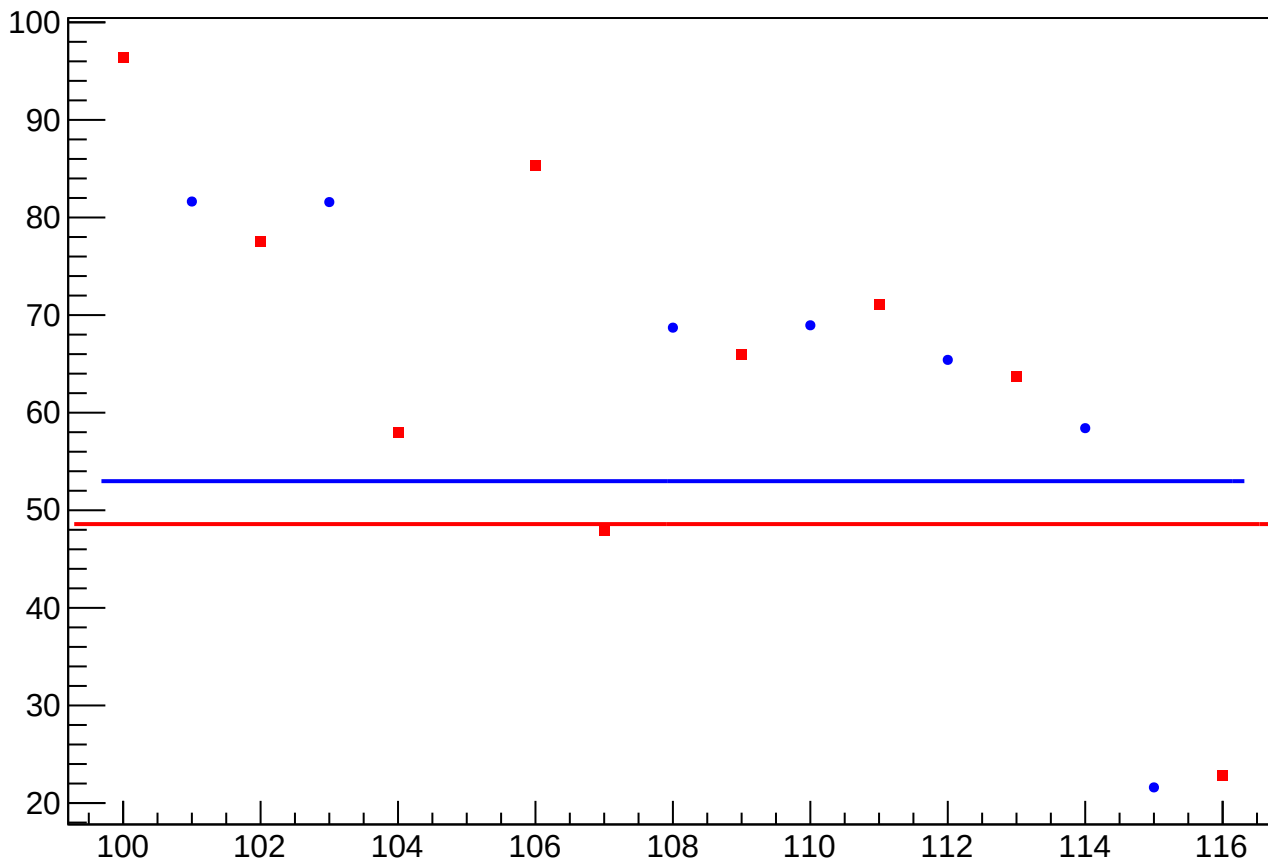
Right: 0.035+/-0.023 χ^2/NDF : 13.1/15

In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.023 χ^2/NDF : 13.1/15

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.983 $\pm$ 0.025 χ^2 /NDF: 1013813.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.584 $\pm$ 0.021 χ^2 /NDF: 1135394.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

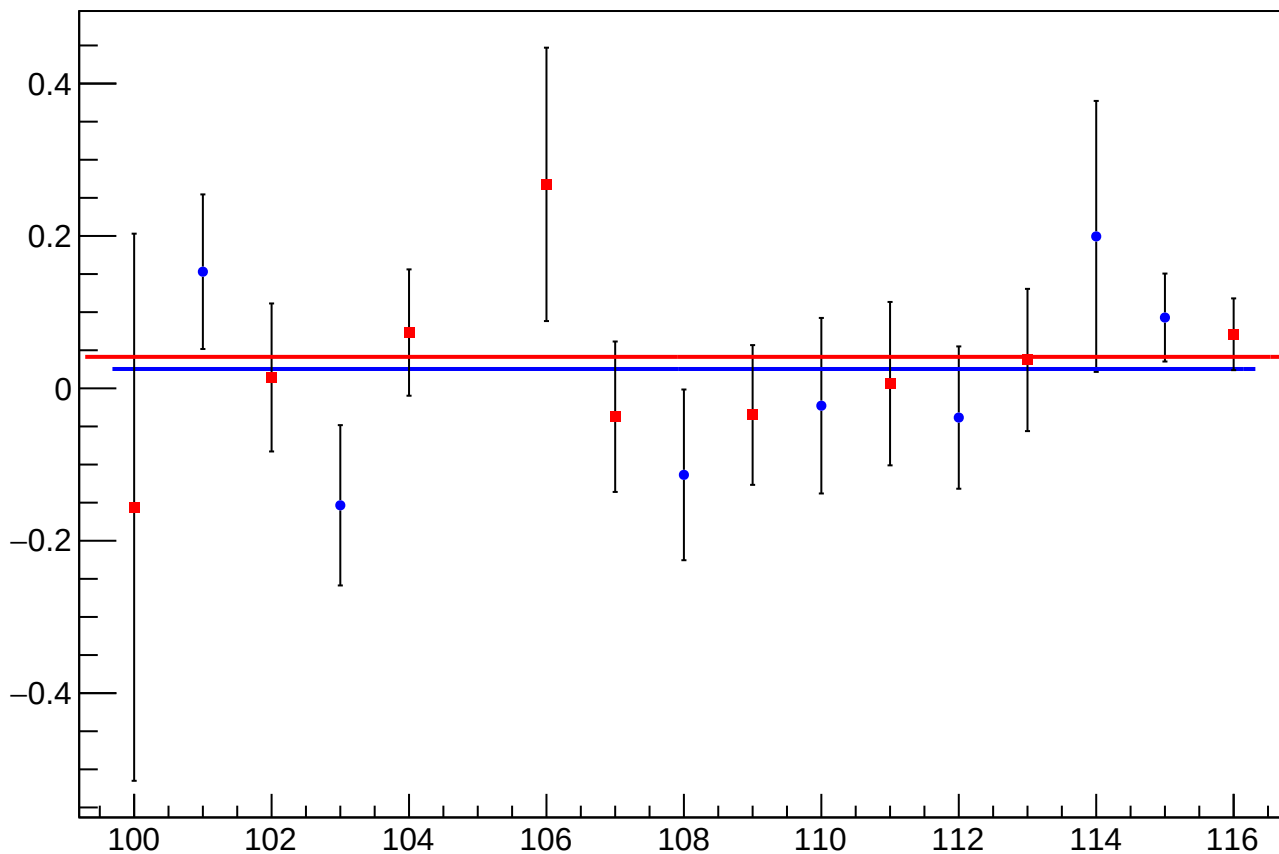
Right: 50.361 $\pm$ 0.016 χ^2 /NDF: 2167416.0/15

In: 52.983 $\pm$ 0.025 χ^2 /NDF:1013813.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.361 $\pm$ 0.016 χ^2 /NDF: 2167416.0/15

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.029 χ^2/NDF : 4.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

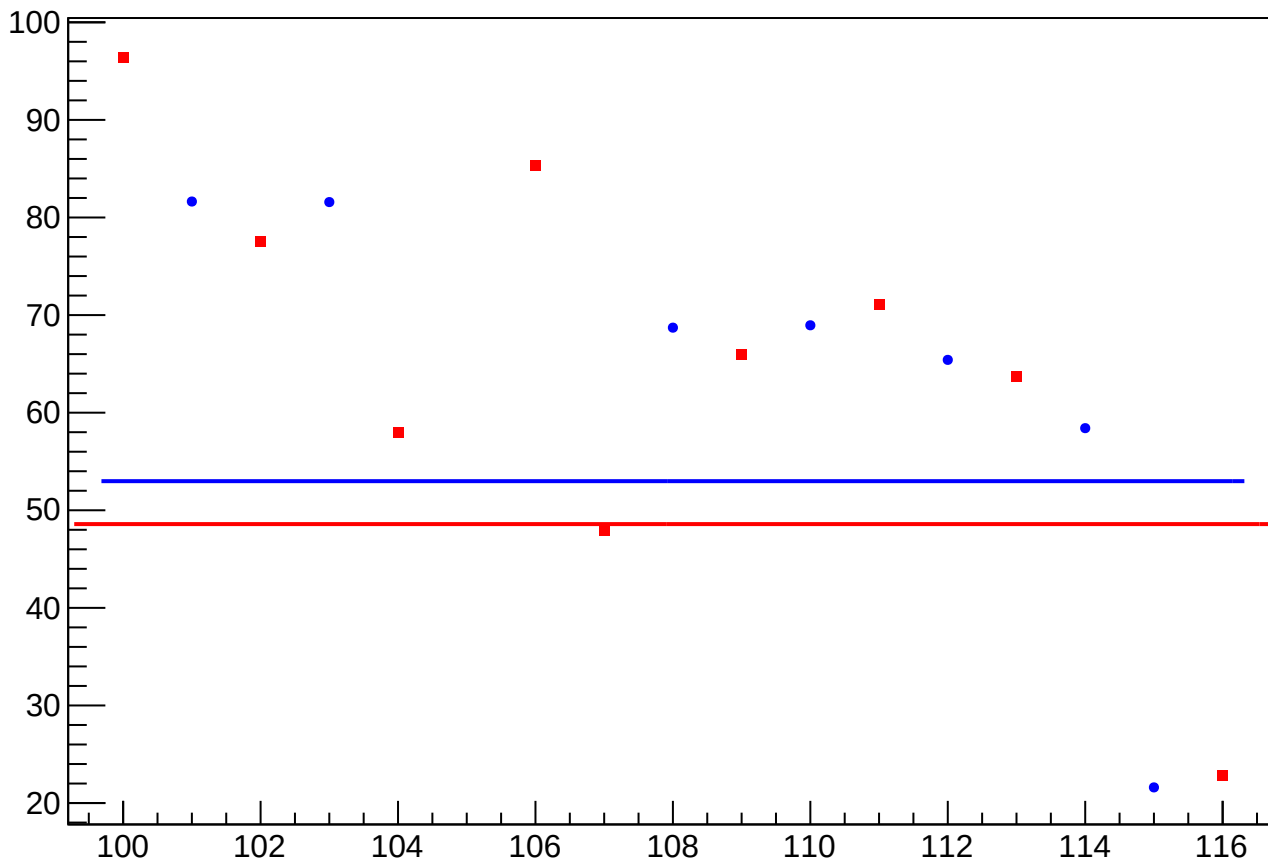
Right: 0.035+/-0.023 χ^2/NDF : 13.1/15

In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.023 χ^2/NDF : 13.1/15

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.983+/-0.025 χ^2/NDF : 1013813.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.584+/-0.021 χ^2/NDF : 1135394.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

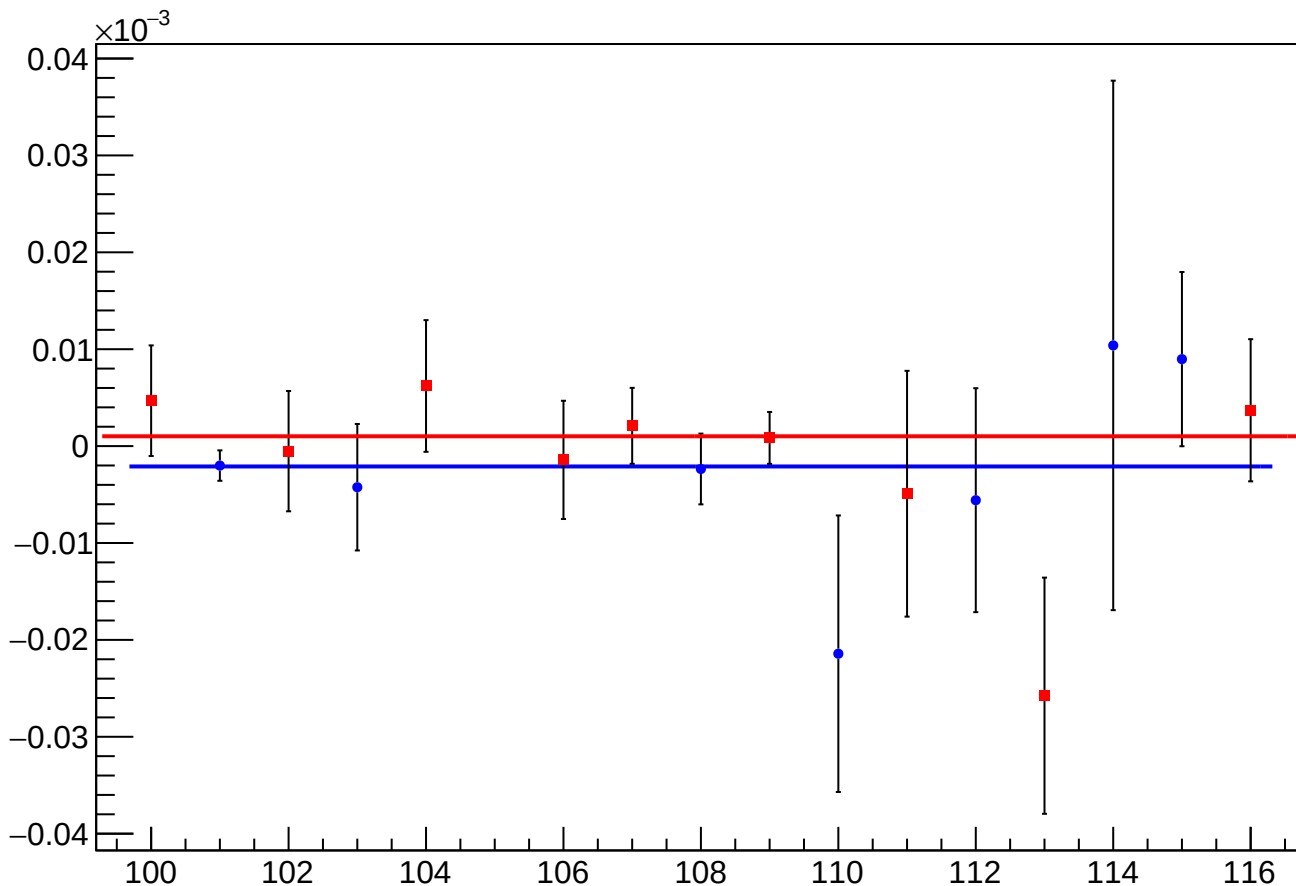
Right: 50.361+/-0.016 χ^2/NDF : 2167416.0/15

In: 52.983+/-0.025 χ^2/NDF : 1013813.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.361+/-0.016 χ^2/NDF : 2167416.0/15

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

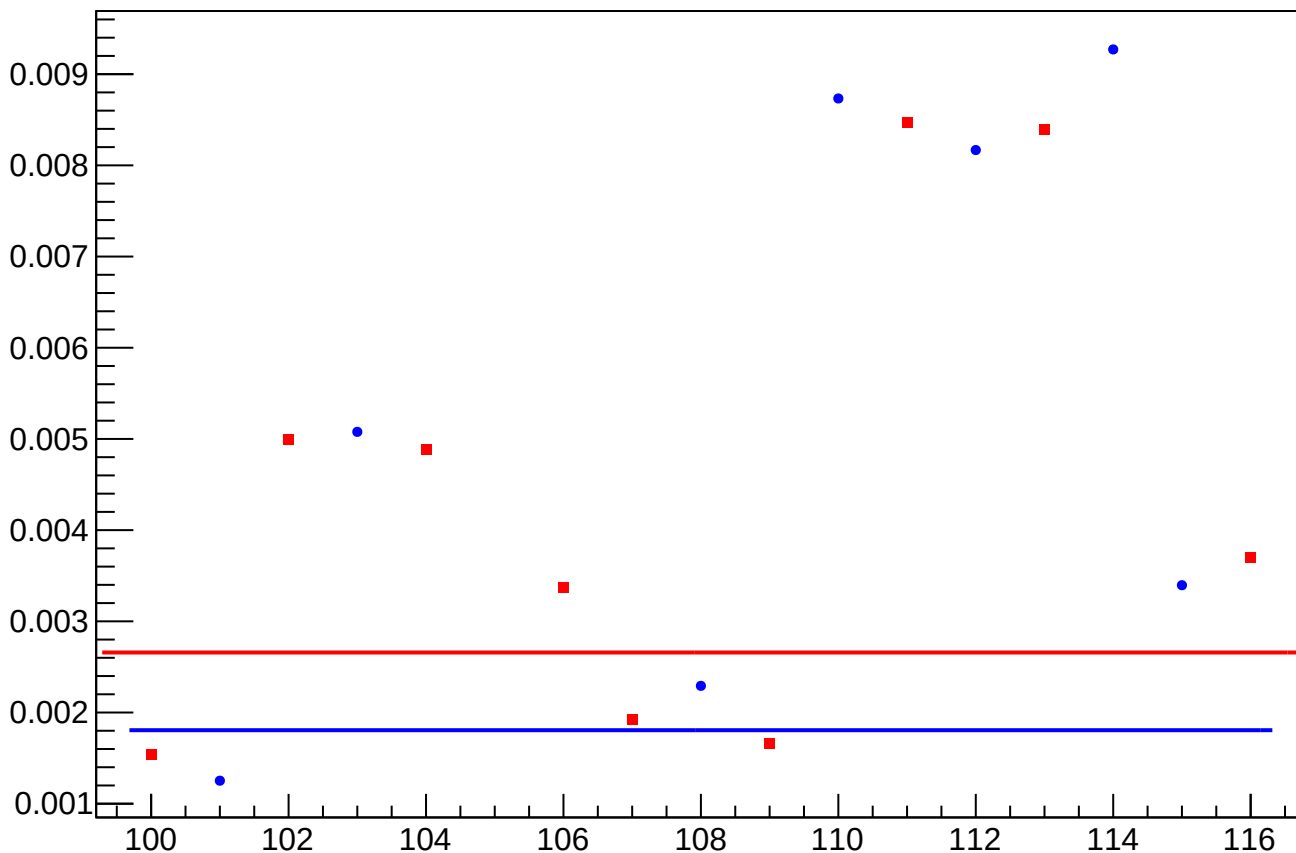
Right: -0.000+/-0.000 χ^2/NDF : 12.3/15

In: -0.000+/-0.000 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/15

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2075845.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1857364.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

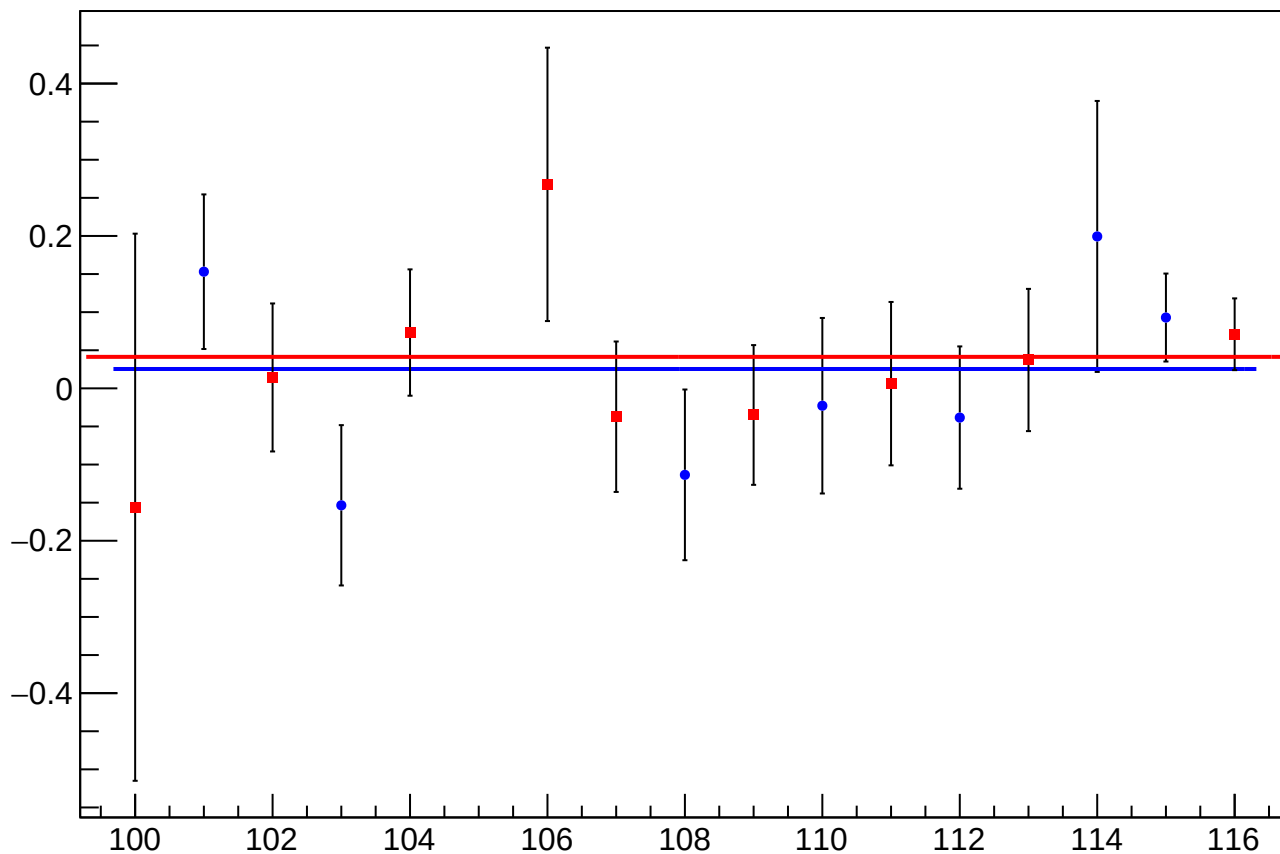
Right: 0.002+/-0.000 χ^2/NDF : 4234779.8/15

In: 0.002+/-0.000 χ^2/NDF : 2075845.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4234779.8/15

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.029 χ^2/NDF : 4.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

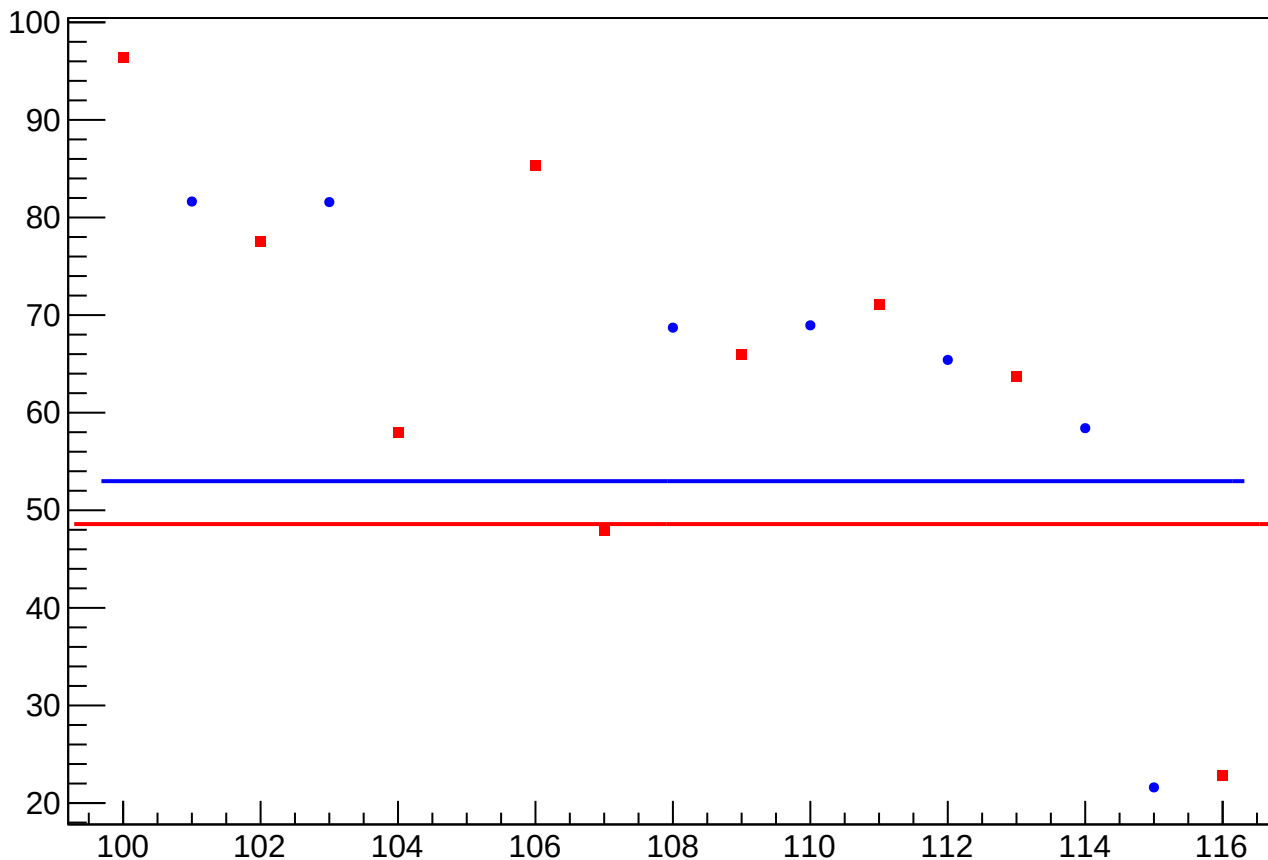
Right: 0.035+/-0.023 χ^2/NDF : 13.1/15

In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.023 χ^2/NDF : 13.1/15

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.984+/-0.025 χ^2/NDF : 1013722.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.585+/-0.021 χ^2/NDF : 1135243.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

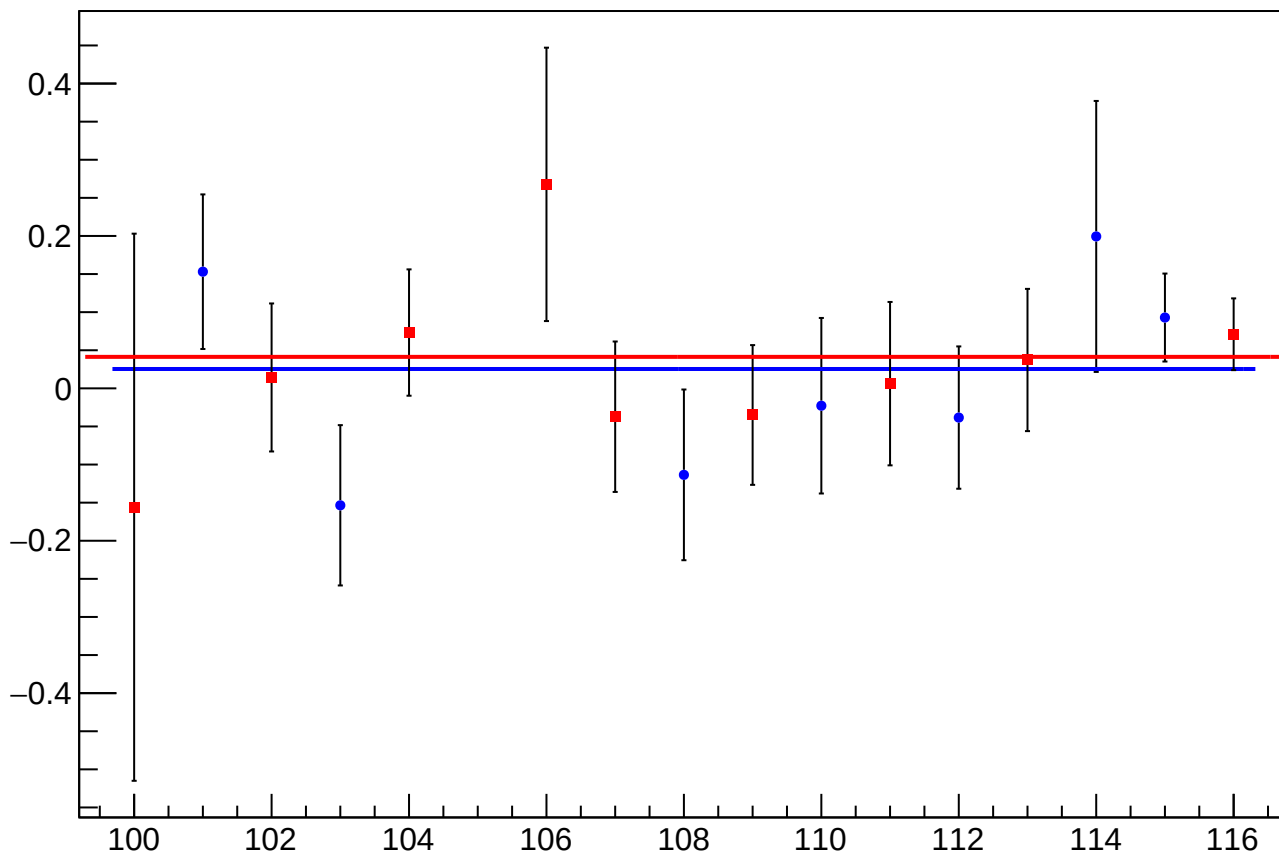
Right: 50.361+/-0.016 χ^2/NDF : 2167168.3/15

In: 52.984+/-0.025 χ^2/NDF : 1013722.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.361+/-0.016 χ^2/NDF : 2167168.3/15

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.029 χ^2/NDF : 4.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

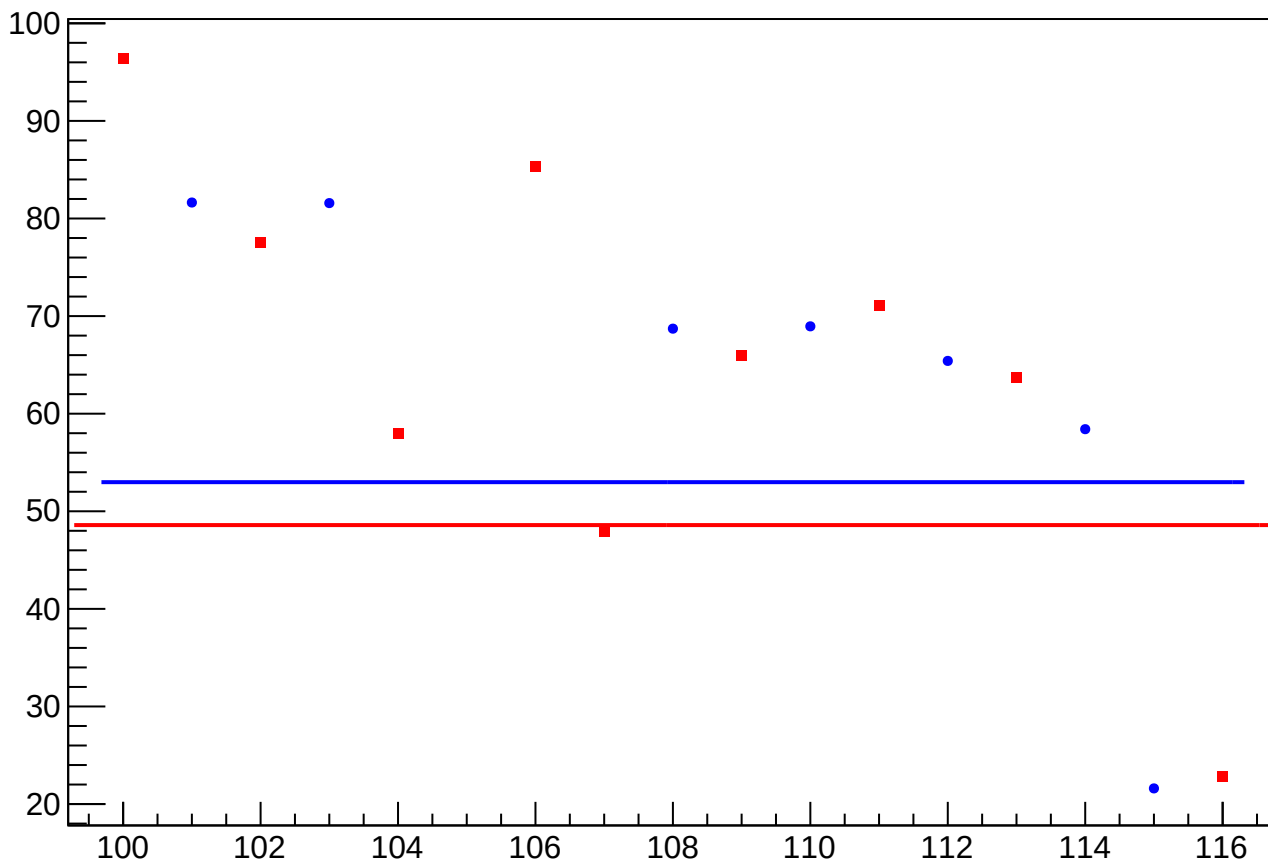
Right: 0.035+/-0.023 χ^2/NDF : 13.1/15

In: 0.025+/-0.036 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.023 χ^2/NDF : 13.1/15

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.984 $\pm$ 0.025 χ^2 /NDF: 1013722.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.585 $\pm$ 0.021 χ^2 /NDF: 1135243.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

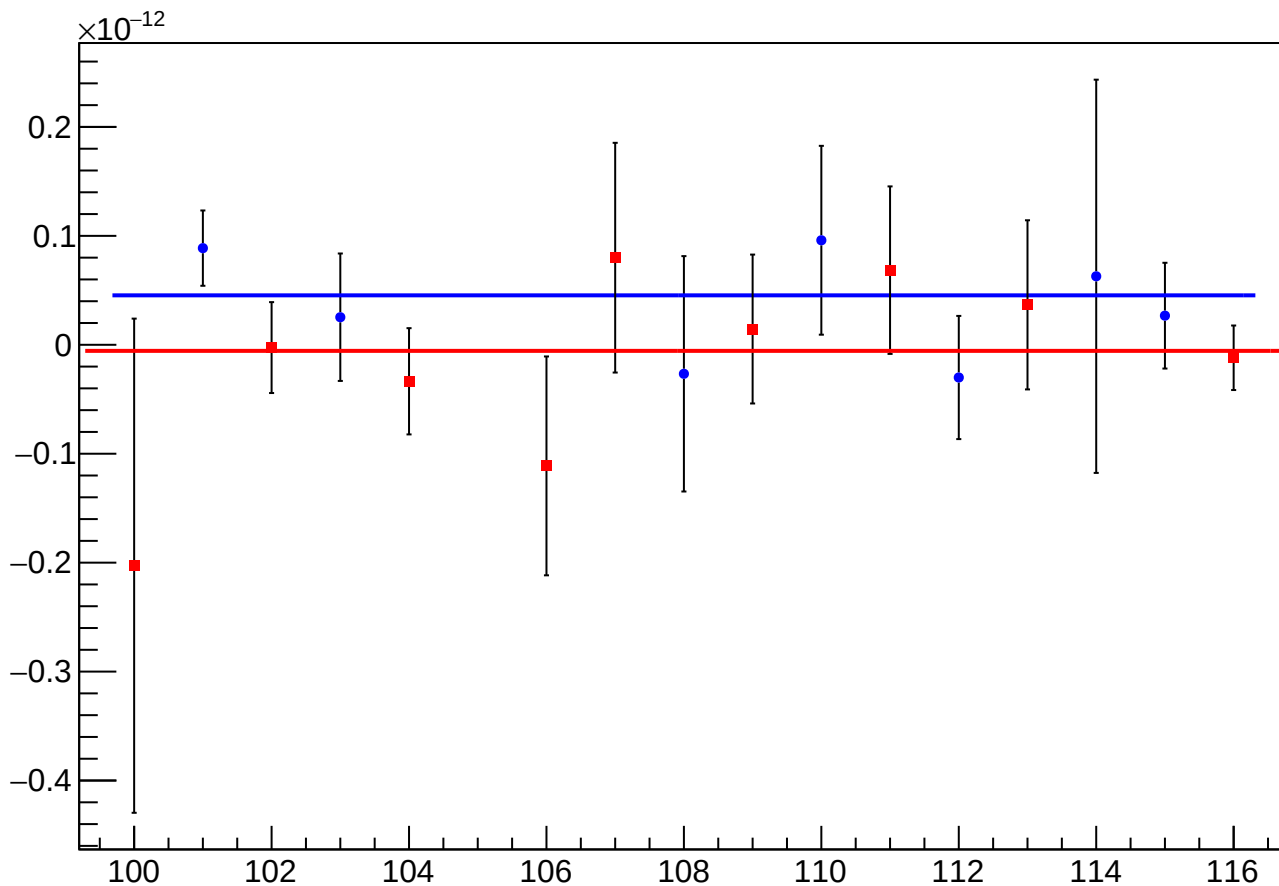
Right: 50.361 $\pm$ 0.016 χ^2 /NDF: 2167168.3/15

In: 52.984 $\pm$ 0.025 χ^2 /NDF:1013722.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.361 $\pm$ 0.016 χ^2 /NDF: 2167168.3/15

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

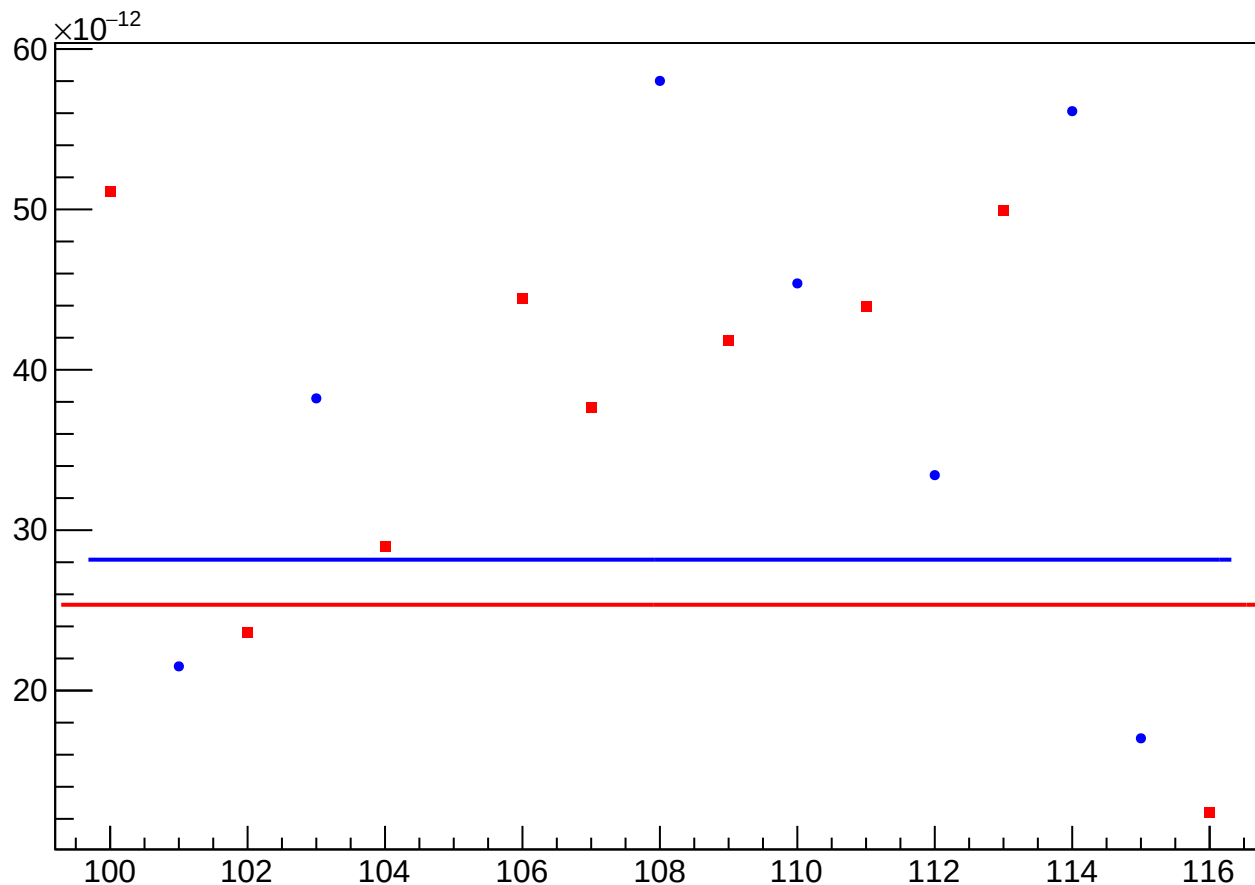
Right: 0.000+/-0.000 χ^2/NDF : 11.8/15

In: 0.000+/-0.000 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.8/15

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 535589.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 956112.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

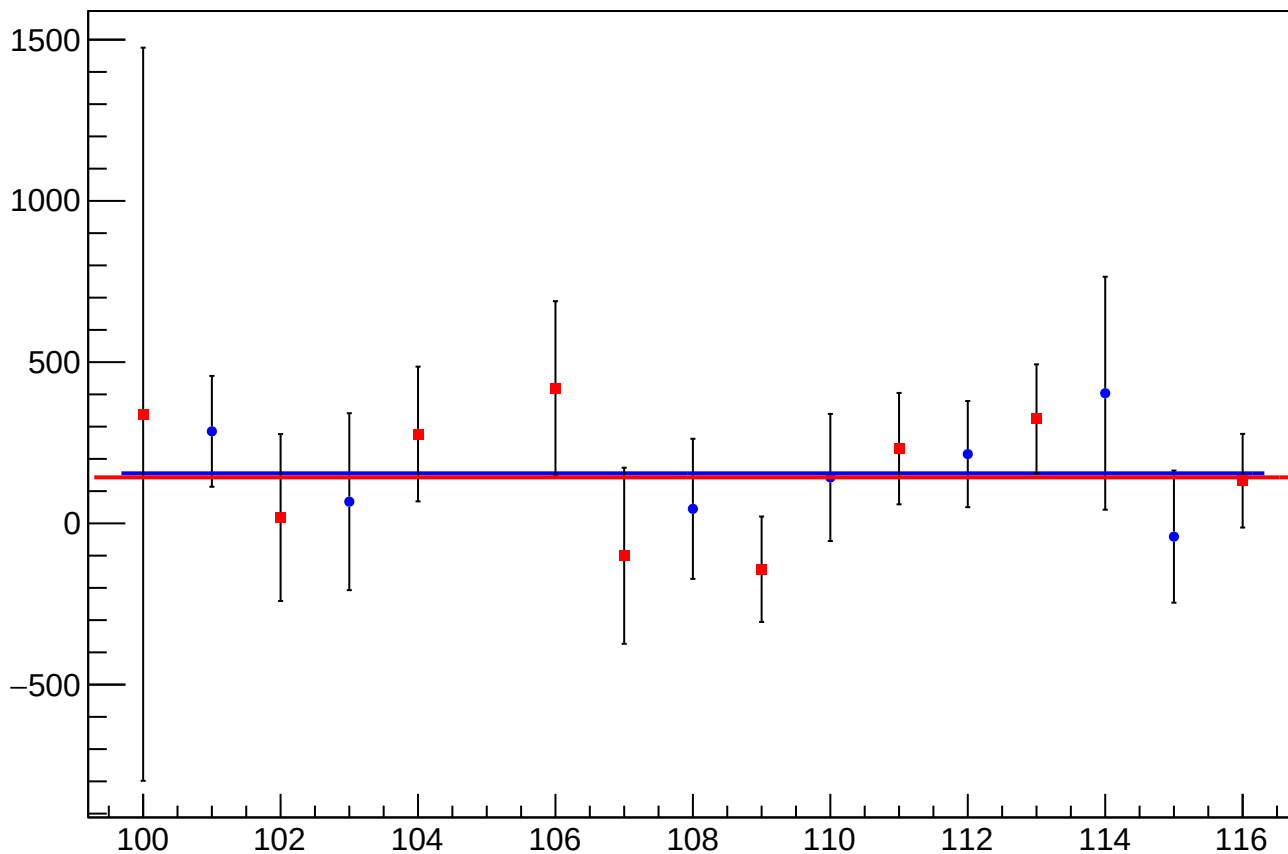
Right: 0.000+/-0.000 χ^2/NDF : 1511016.7/15

In: 0.000+/-0.000 χ^2/NDF : 535589.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1511016.7/15

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 155.199+/-78.469 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.735+/-67.587 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

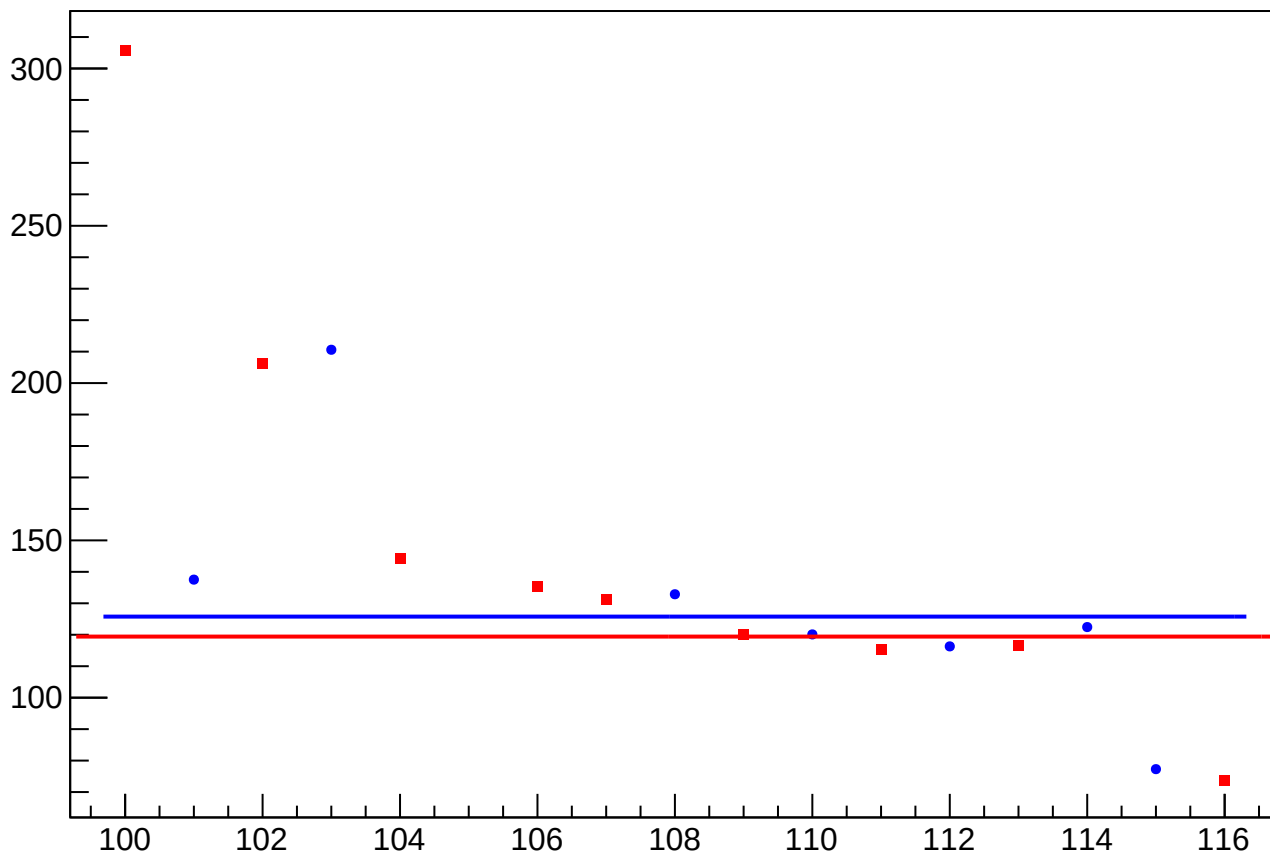
Right: 148.043+/-51.210 χ^2/NDF : 9.4/15

In: 155.199+/-78.469 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.043+/-51.210 χ^2/NDF : 9.4/15

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 125.771+/-0.055 χ^2/NDF : 323162.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.419+/-0.048 χ^2/NDF : 517451.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

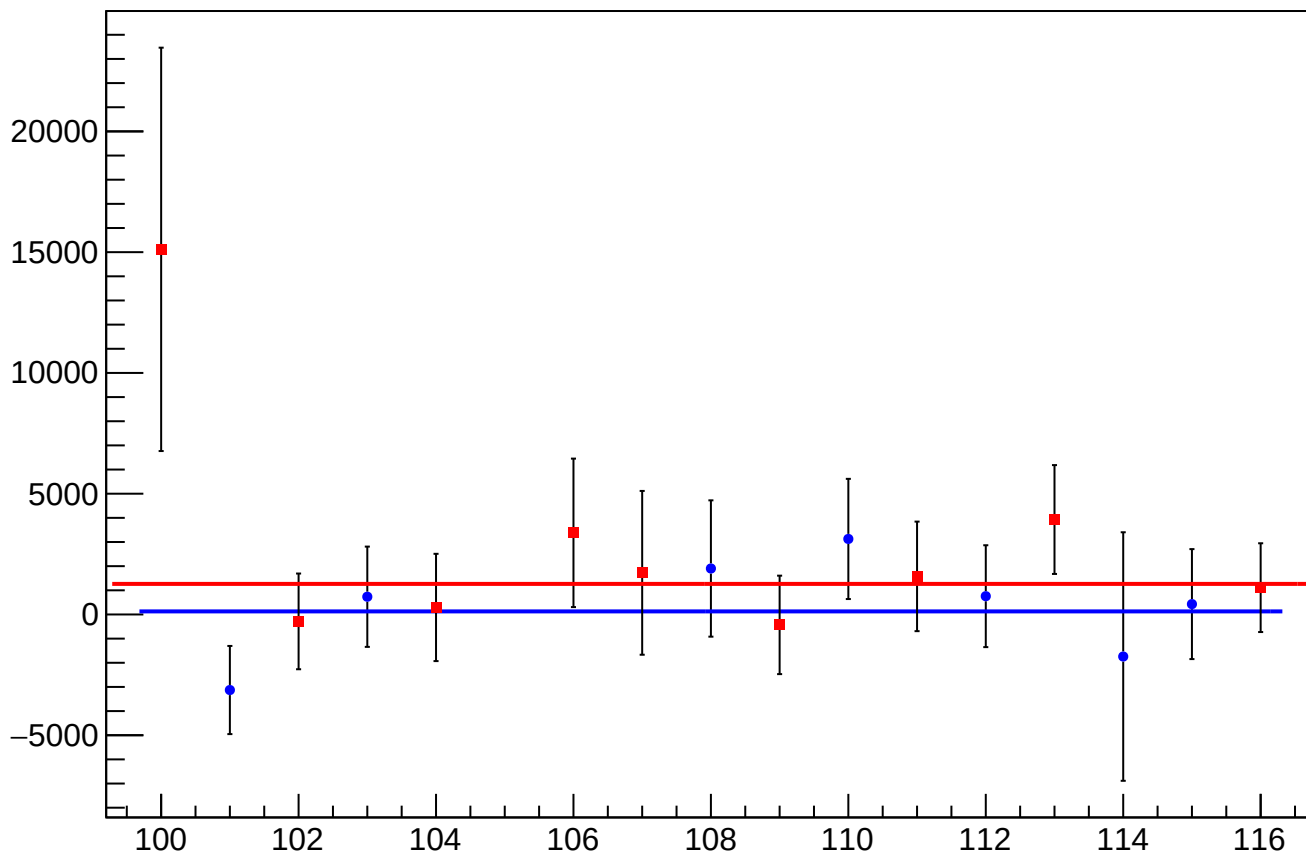
Right: 122.125+/-0.036 χ^2/NDF : 848137.0/15

In: 125.771+/-0.055 χ^2/NDF : 323162.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.125+/-0.036 χ^2/NDF : 848137.0/15

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 127.206 $\pm$ 885.585 χ^2 /NDF: 5.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1265.553 $\pm$ 792.322 χ^2 /NDF: 6.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

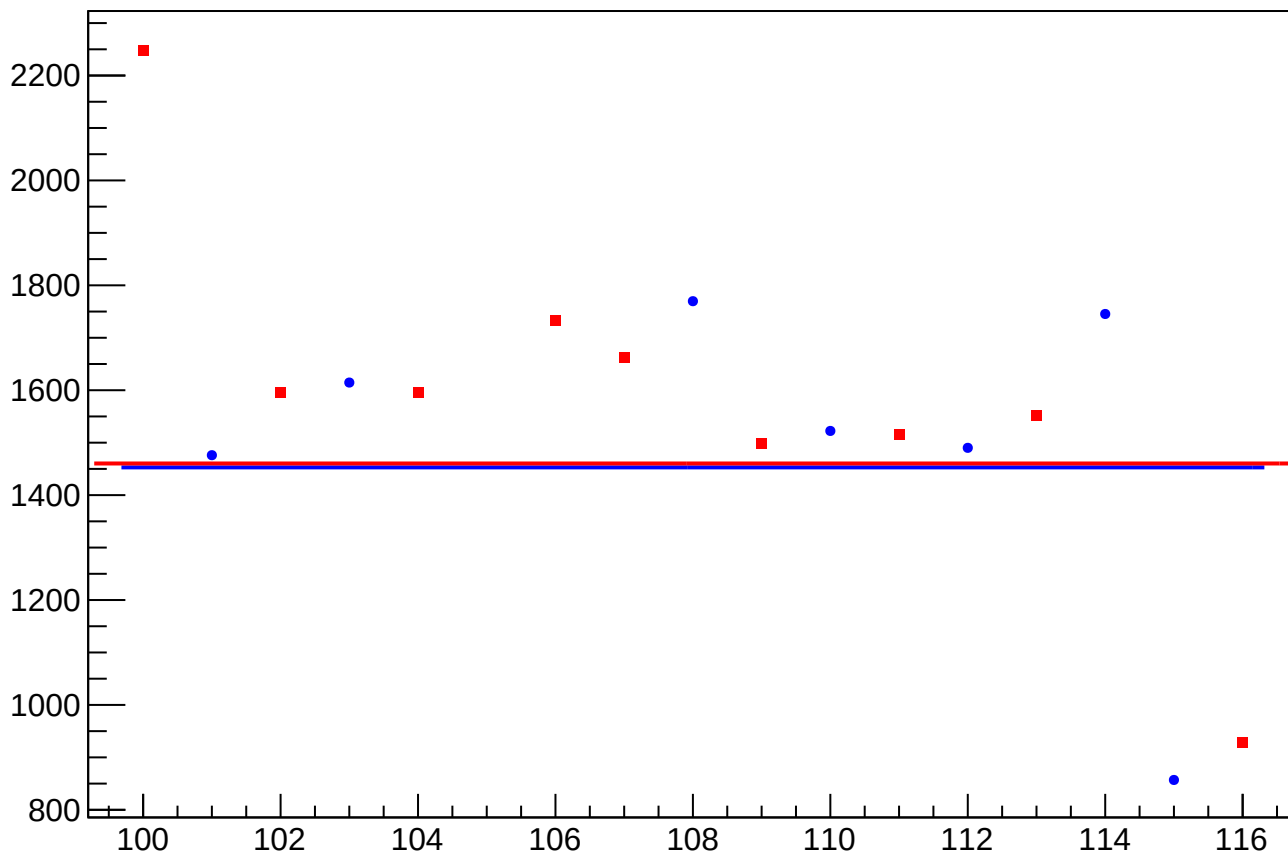
Right: 759.457 $\pm$ 590.485 χ^2 /NDF: 12.4/15

In: 127.206 $\pm$ 885.585 χ^2 /NDF:5.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 759.457 $\pm$ 590.485 χ^2 /NDF: 12.4/15

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1452.878+/-0.626 χ^2/NDF : 183381.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1460.329+/-0.560 χ^2/NDF : 230603.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

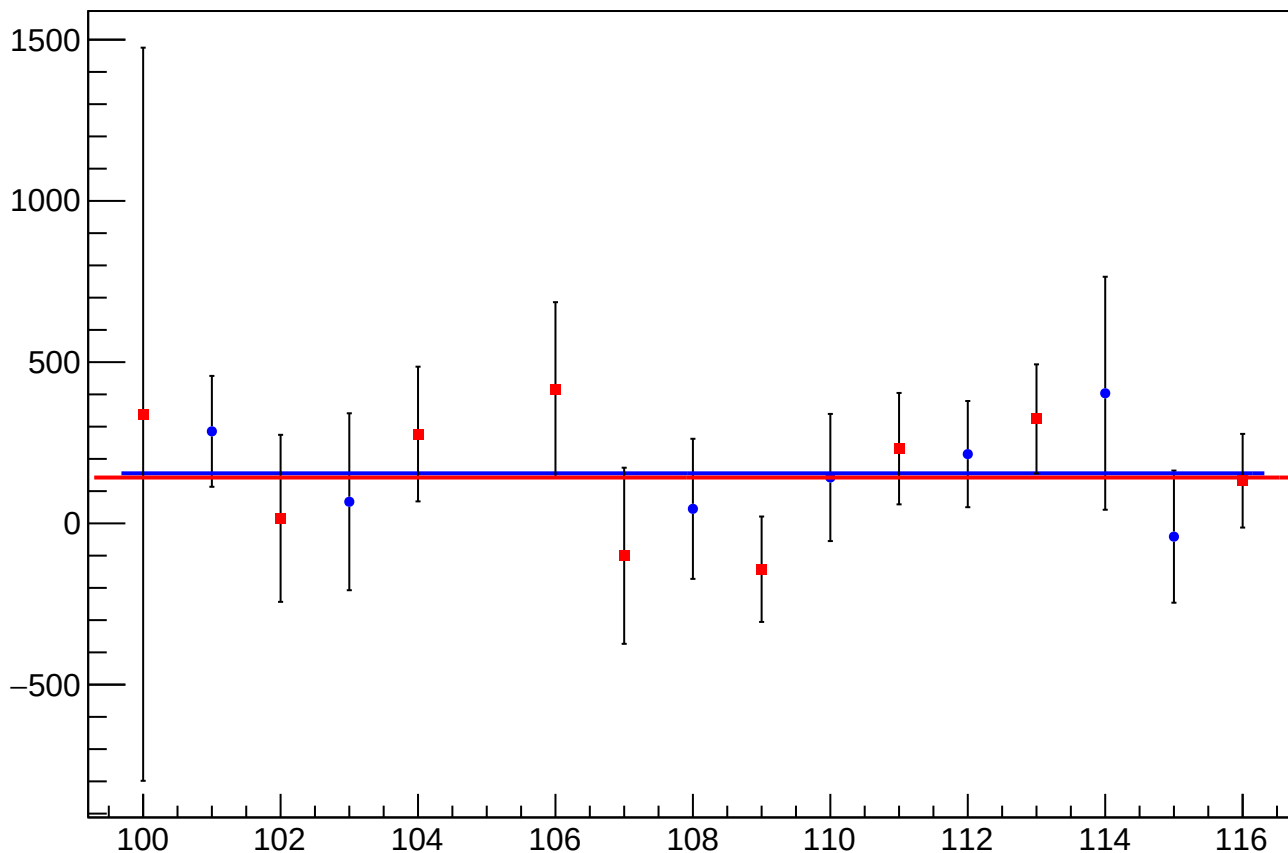
Right: 1457.017+/-0.418 χ^2/NDF : 414063.5/15

In: 1452.878+/-0.626 χ^2/NDF : 183381.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.017+/-0.418 χ^2/NDF : 414063.5/15

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 155.184+/-78.469 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.215+/-67.603 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

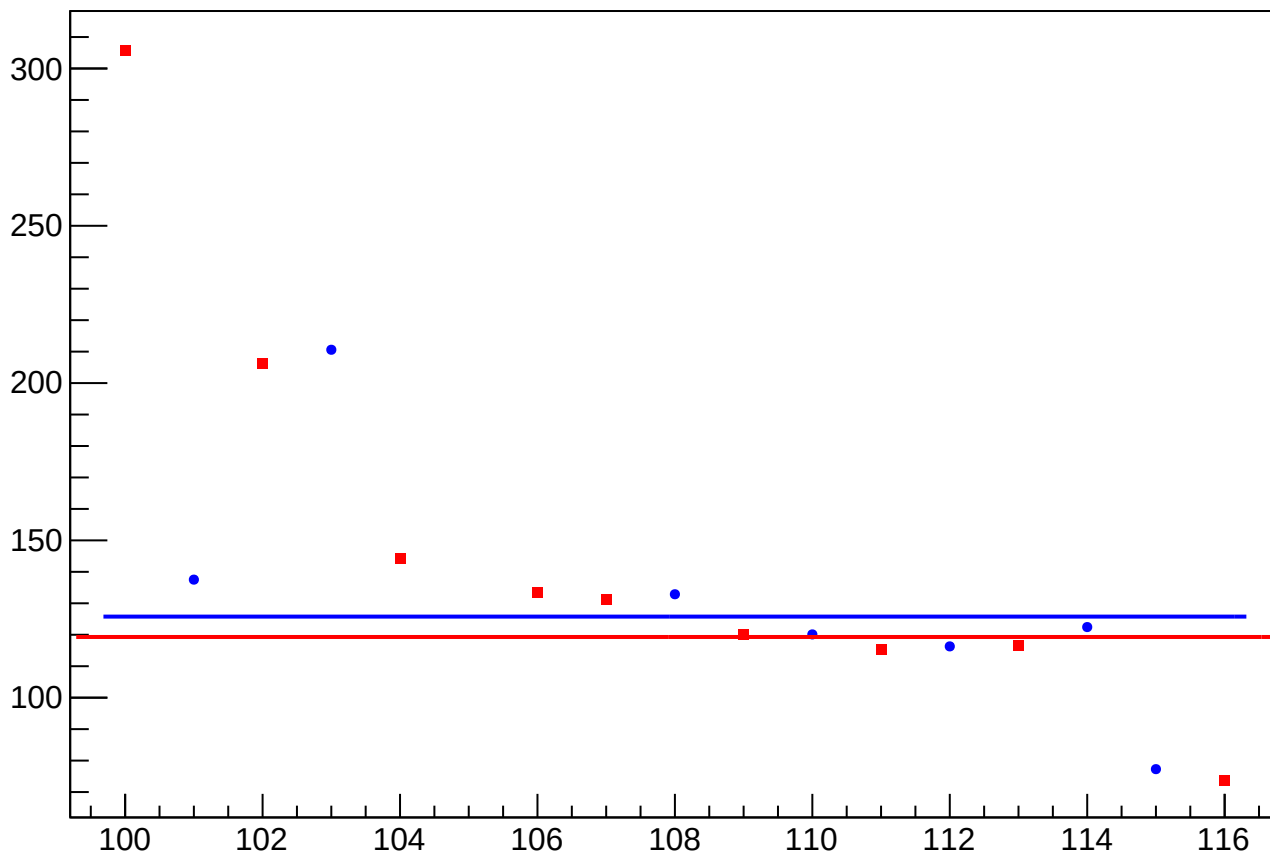
Right: 147.740+/-51.217 χ^2/NDF : 9.4/15

In: 155.184+/-78.469 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.740+/-51.217 χ^2/NDF : 9.4/15

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 125.771+/-0.055 χ^2/NDF : 323165.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.293+/-0.048 χ^2/NDF : 516153.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

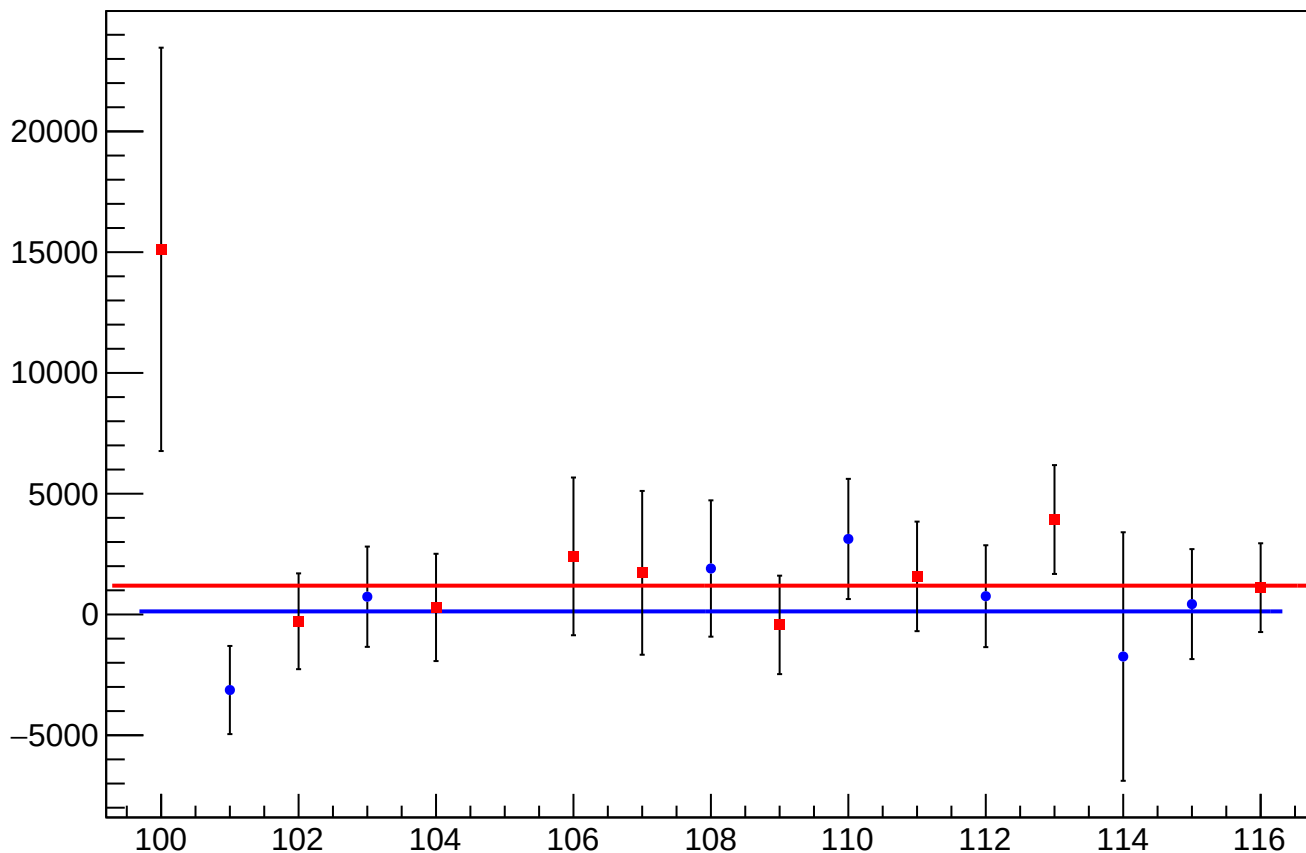
Right: 122.053+/-0.036 χ^2/NDF : 847141.6/15

In: 125.771+/-0.055 χ^2/NDF : 323165.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.053+/-0.036 χ^2/NDF : 847141.6/15

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 127.368+/-885.596 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.988+/-795.428 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

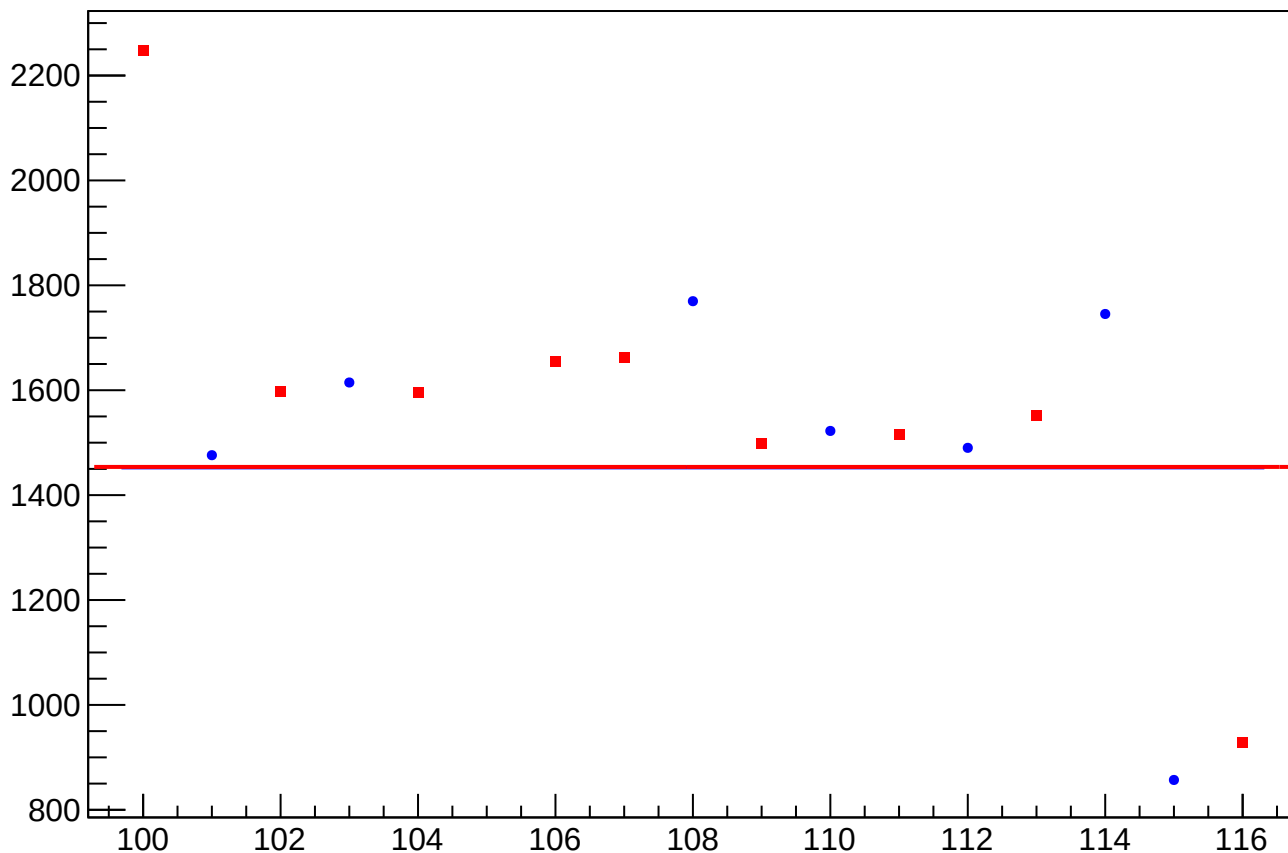
Right: 717.172+/-591.771 χ^2/NDF : 12.0/15

In: 127.368+/-885.596 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.172+/-591.771 χ^2/NDF : 12.0/15

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1452.893+/-0.626 χ^2/NDF : 183397.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.771+/-0.562 χ^2/NDF : 221971.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

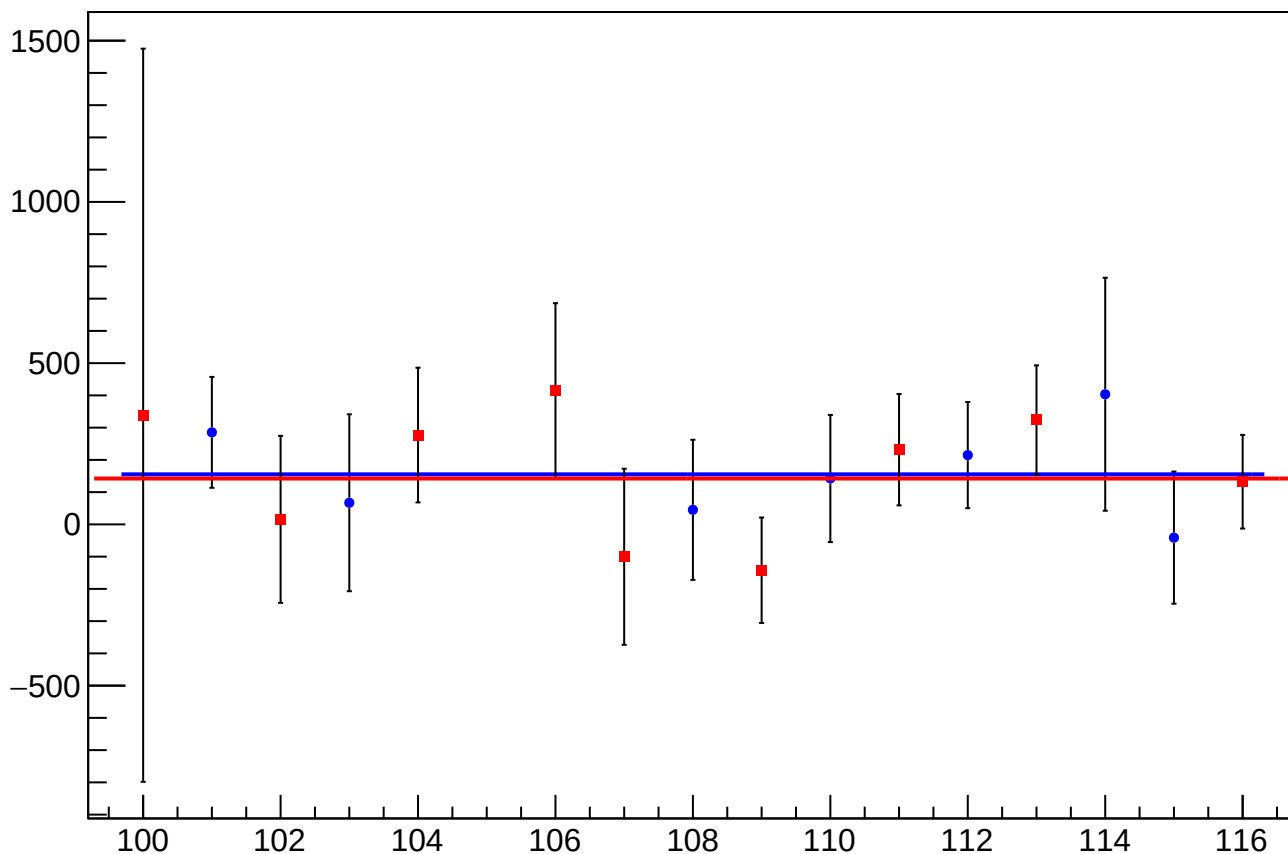
Right: 1453.379+/-0.418 χ^2/NDF : 405369.3/15

In: 1452.893+/-0.626 χ^2/NDF : 183397.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.379+/-0.418 χ^2/NDF : 405369.3/15

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 155.184+/-78.469 χ^2/NDF : 2.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.215+/-67.603 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

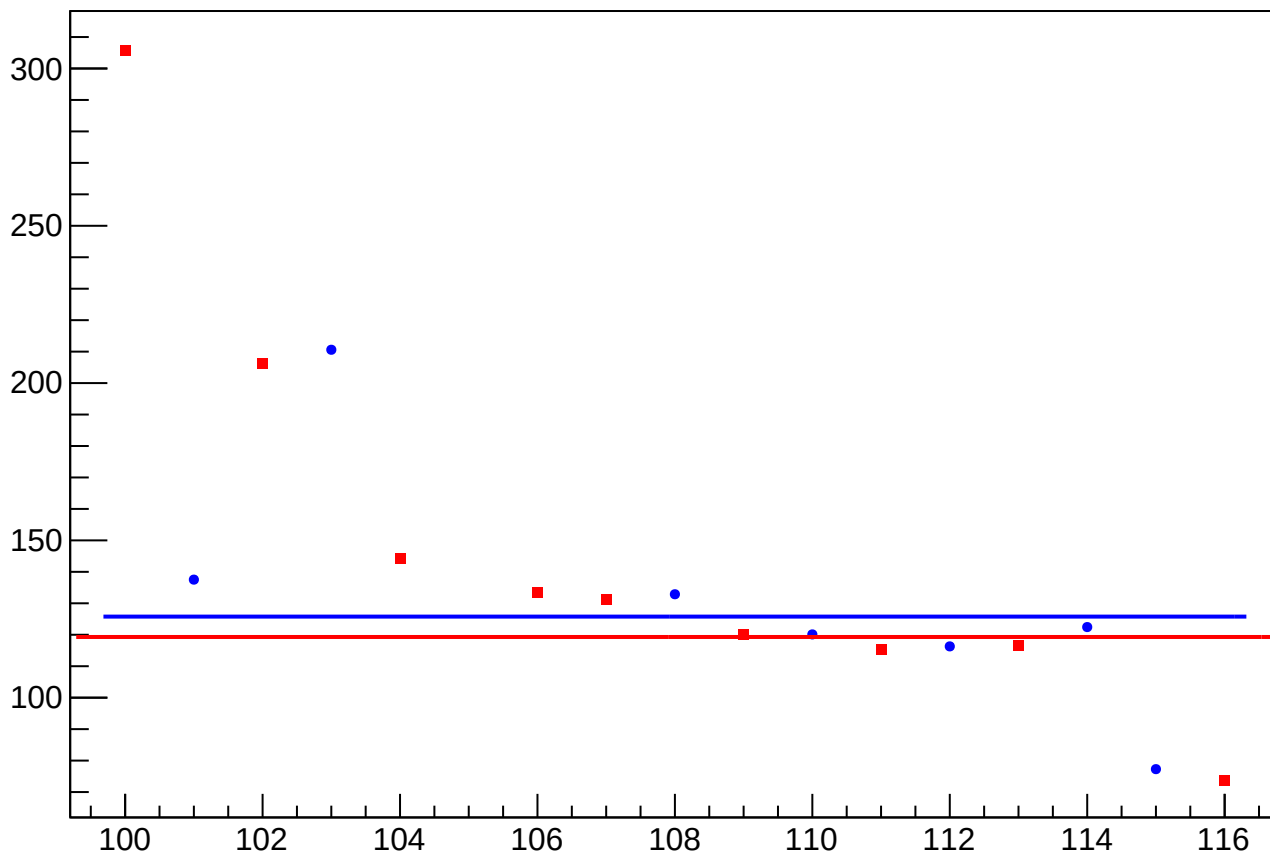
Right: 147.740+/-51.217 χ^2/NDF : 9.4/15

In: 155.184+/-78.469 χ^2/NDF : 2.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.740+/-51.217 χ^2/NDF : 9.4/15

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 125.771+/-0.055 χ^2/NDF : 323165.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.293+/-0.048 χ^2/NDF : 516153.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

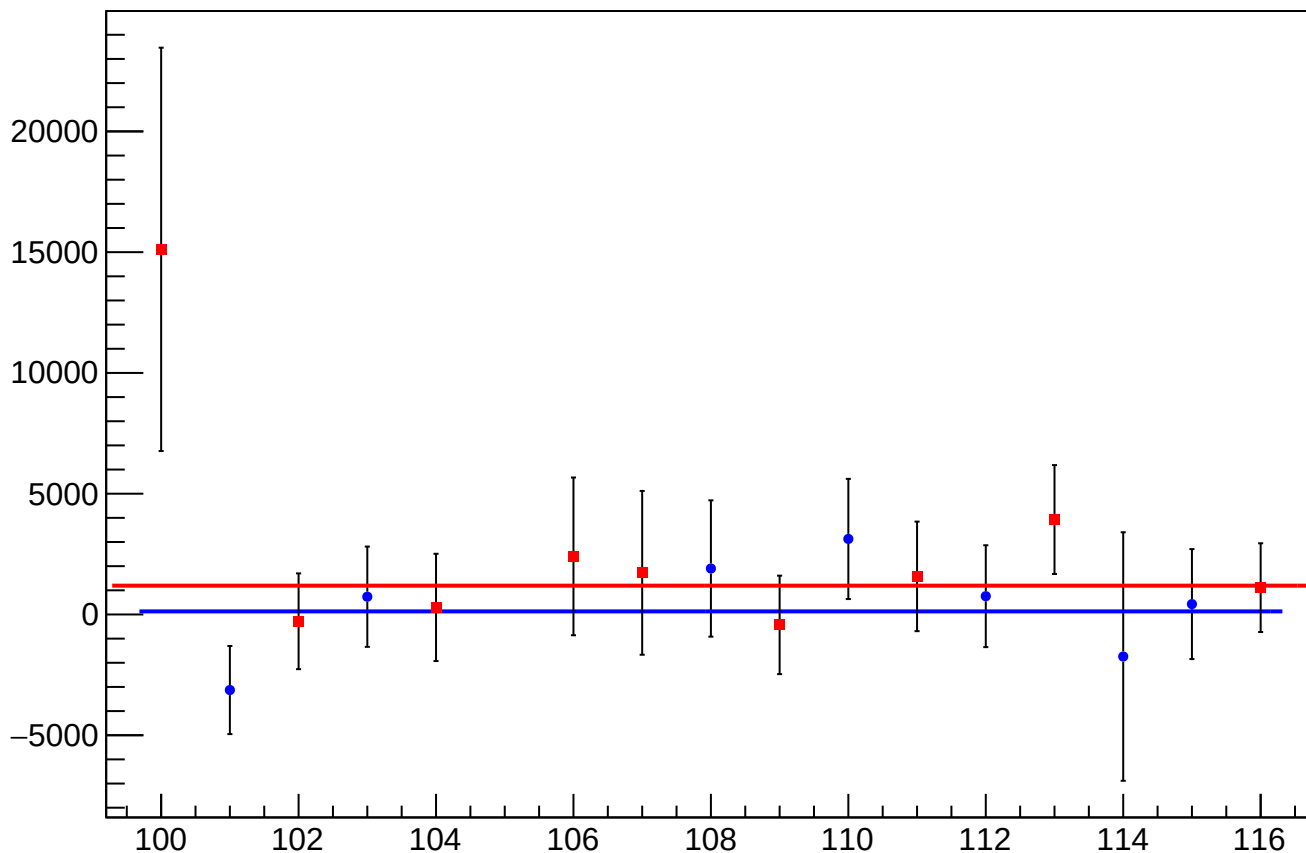
Right: 122.053+/-0.036 χ^2/NDF : 847141.6/15

In: 125.771+/-0.055 χ^2/NDF : 323165.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.053+/-0.036 χ^2/NDF : 847141.6/15

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 127.368+/-885.596 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.988+/-795.428 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

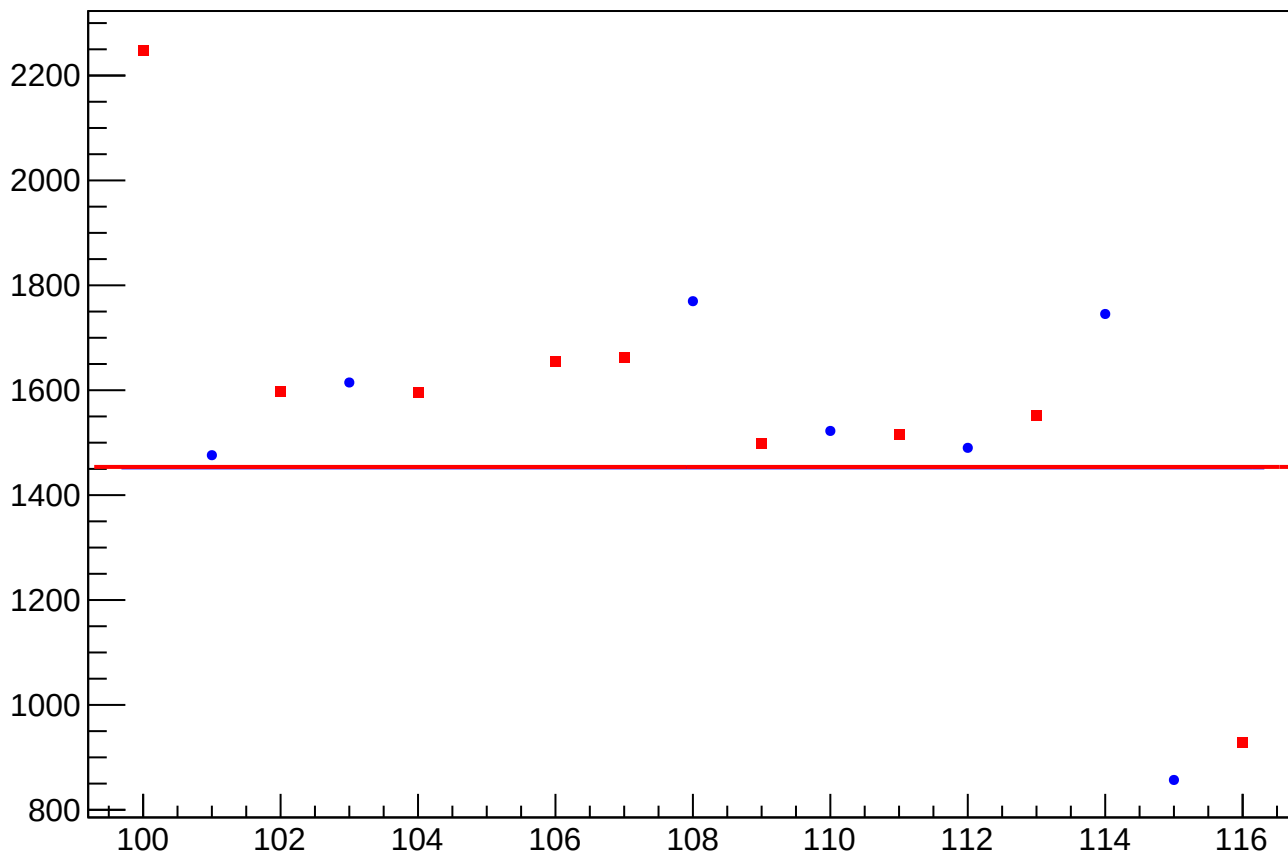
Right: 717.172+/-591.771 χ^2/NDF : 12.0/15

In: 127.368+/-885.596 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.172+/-591.771 χ^2/NDF : 12.0/15

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1452.893+/-0.626 χ^2/NDF : 183397.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.771+/-0.562 χ^2/NDF : 221971.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

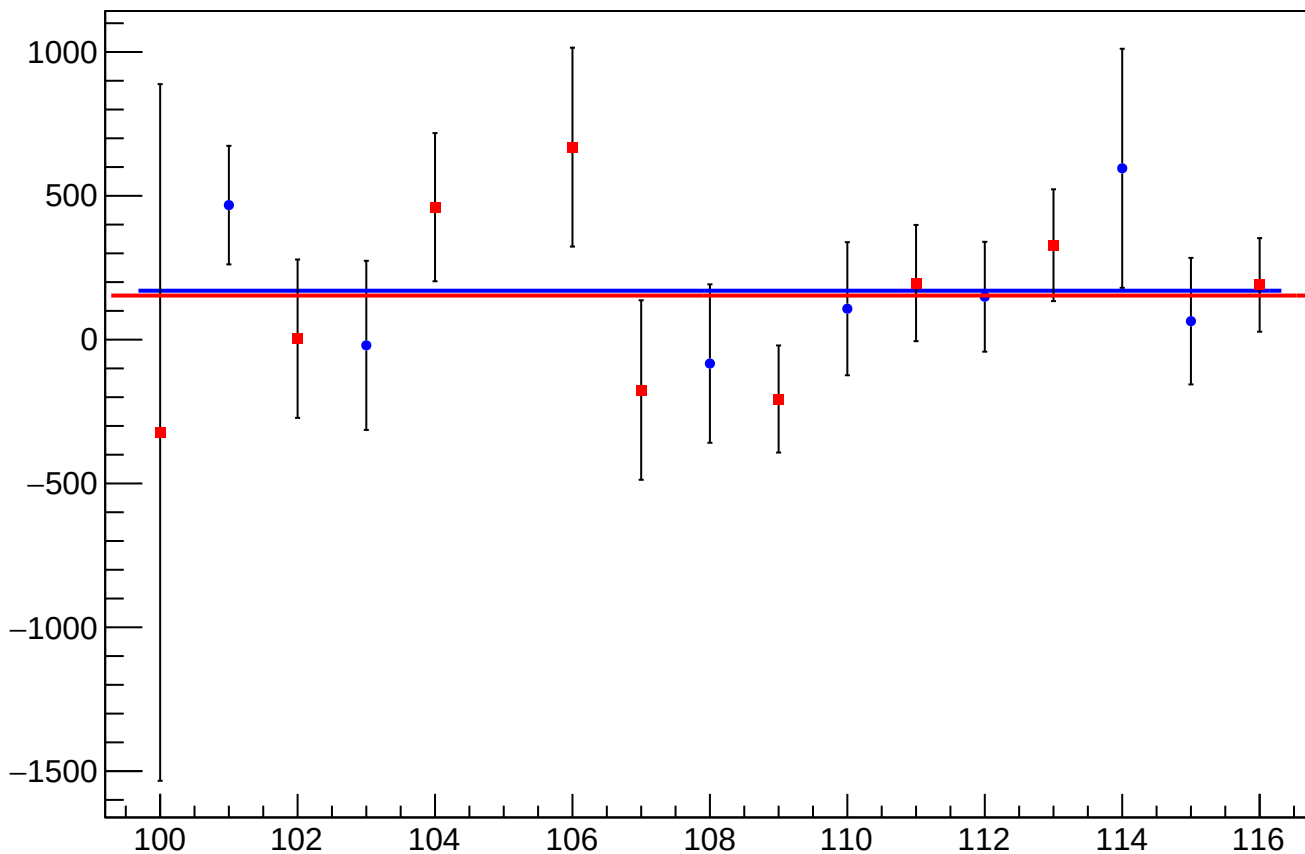
Right: 1453.379+/-0.418 χ^2/NDF : 405369.3/15

In: 1452.893+/-0.626 χ^2/NDF : 183397.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.379+/-0.418 χ^2/NDF : 405369.3/15

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 170.127+/-90.953 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.239+/-77.806 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

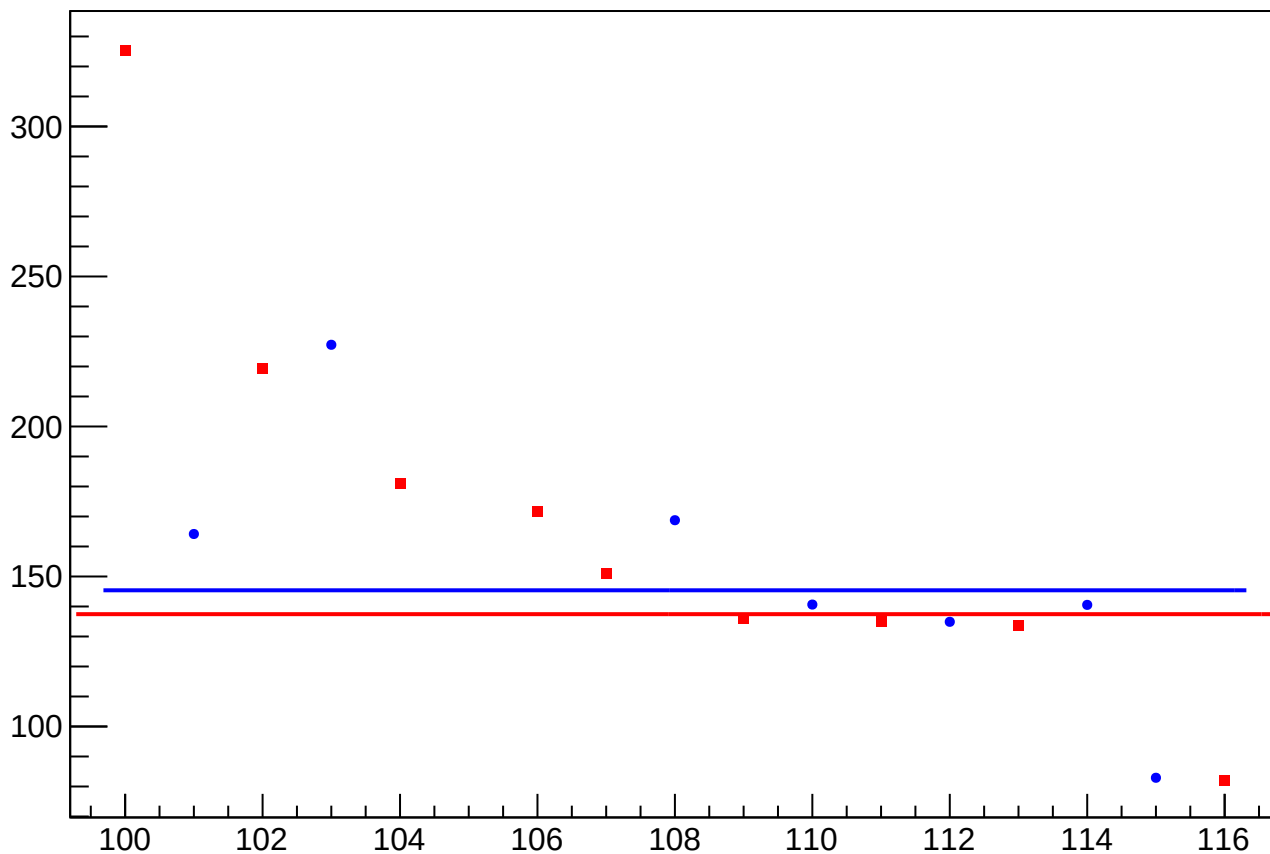
Right: 160.375+/-59.124 χ^2/NDF : 14.6/15

In: 170.127+/-90.953 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.375+/-59.124 χ^2/NDF : 14.6/15

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 145.398+/-0.064 χ^2/NDF : 354626.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.444+/-0.055 χ^2/NDF : 539152.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

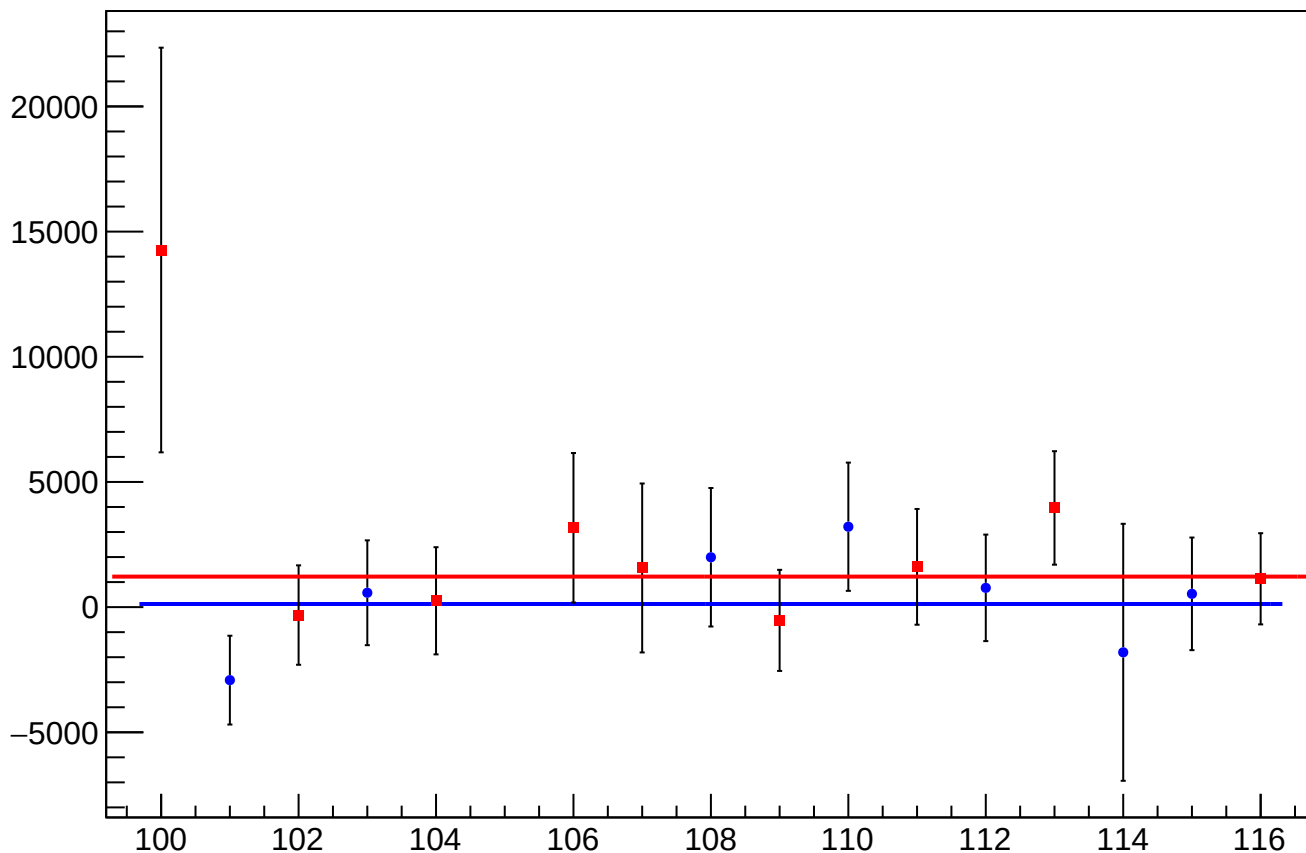
Right: 140.805+/-0.042 χ^2/NDF : 902610.6/15

In: 145.398+/-0.064 χ^2/NDF : 354626.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.805+/-0.042 χ^2/NDF : 902610.6/15

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 124.711+/-881.972 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1218.932+/-786.709 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

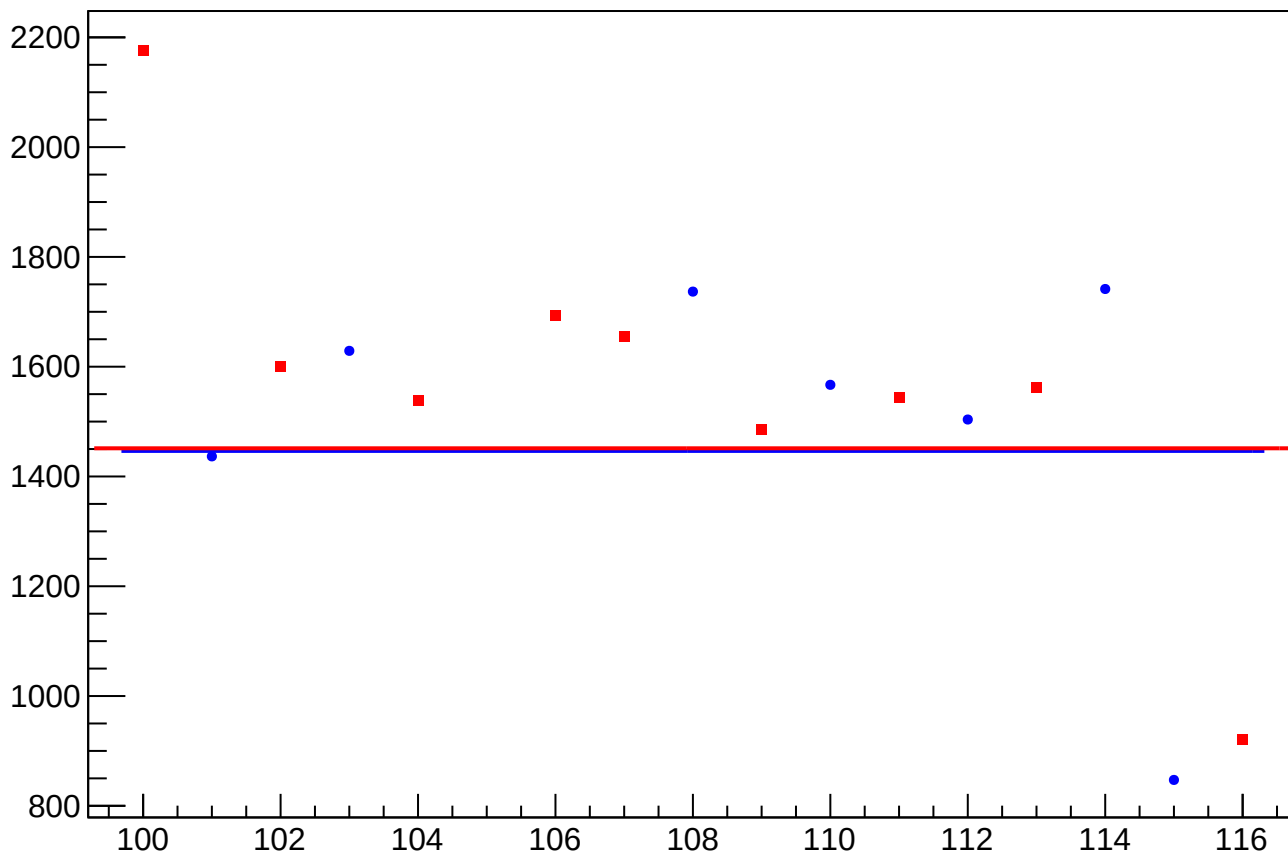
Right: 734.086+/-587.089 χ^2/NDF : 12.1/15

In: 124.711+/-881.972 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.086+/-587.089 χ^2/NDF : 12.1/15

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1446.592+/-0.624 χ^2/NDF : 191766.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.324+/-0.556 χ^2/NDF : 229445.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

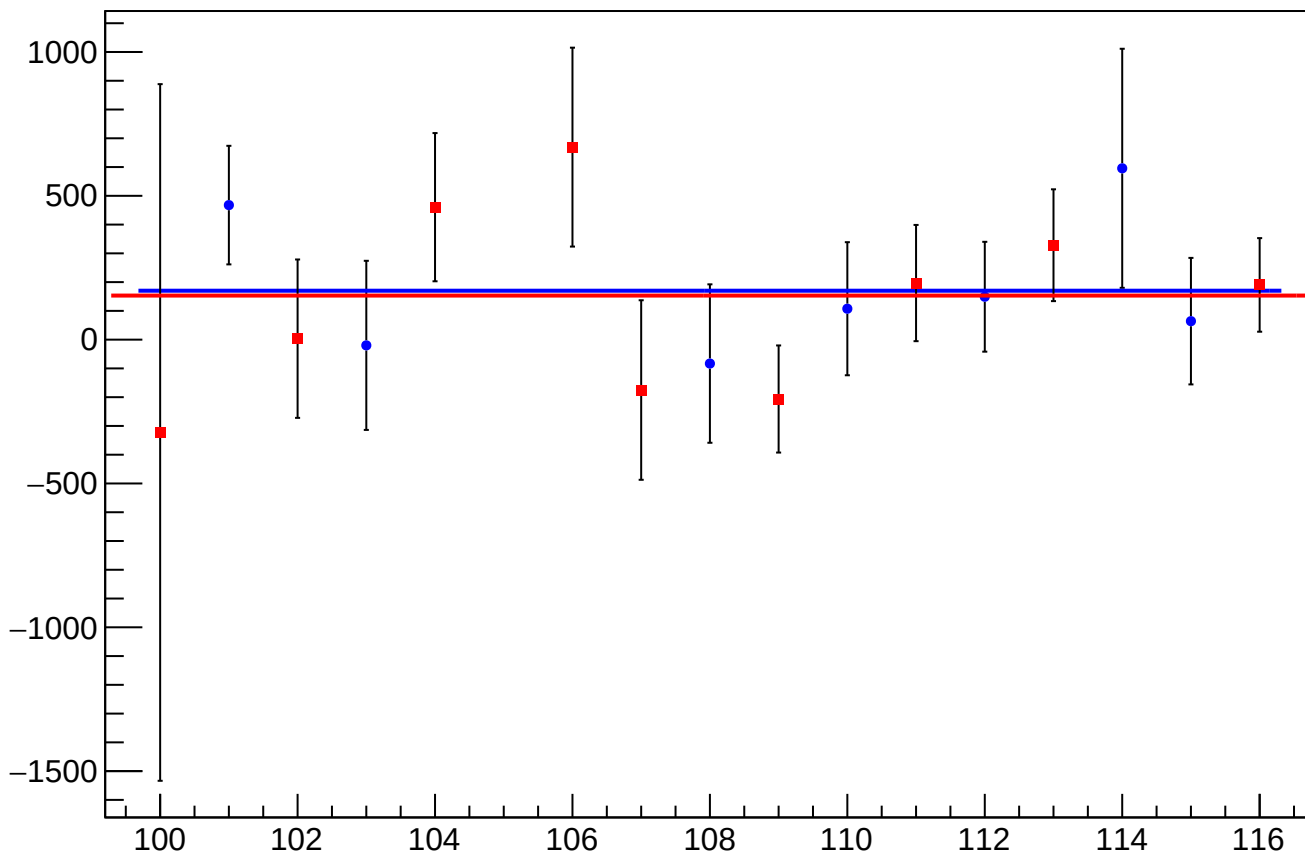
Right: 1449.227+/-0.415 χ^2/NDF : 421244.1/15

In: 1446.592+/-0.624 χ^2/NDF : 191766.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.227+/-0.415 χ^2/NDF : 421244.1/15

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 170.123+/-90.953 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.236+/-77.806 χ^2/NDF : 9.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

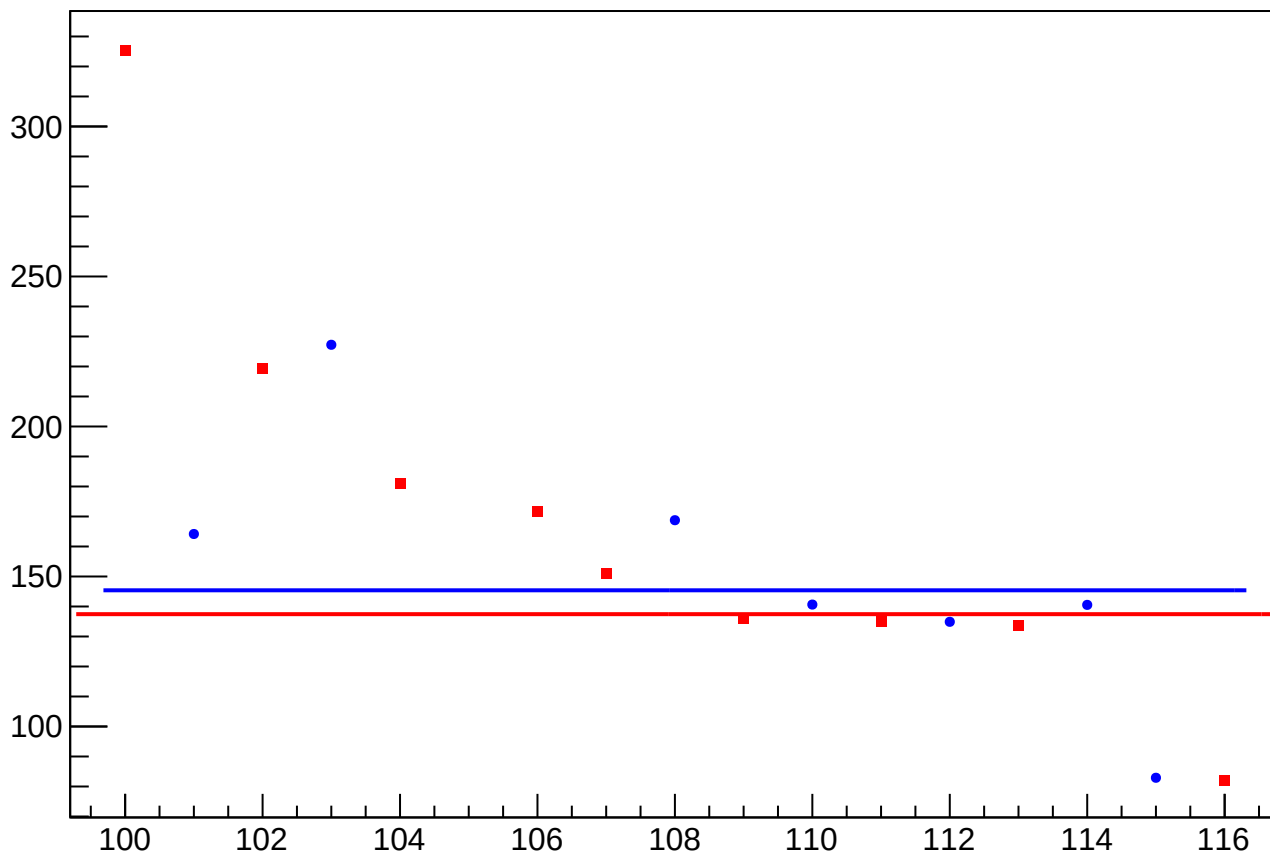
Right: 160.372+/-59.124 χ^2/NDF : 14.6/15

In: 170.123+/-90.953 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.372+/-59.124 χ^2/NDF : 14.6/15

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 145.398+/-0.064 χ^2/NDF : 354628.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.444+/-0.055 χ^2/NDF : 539151.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

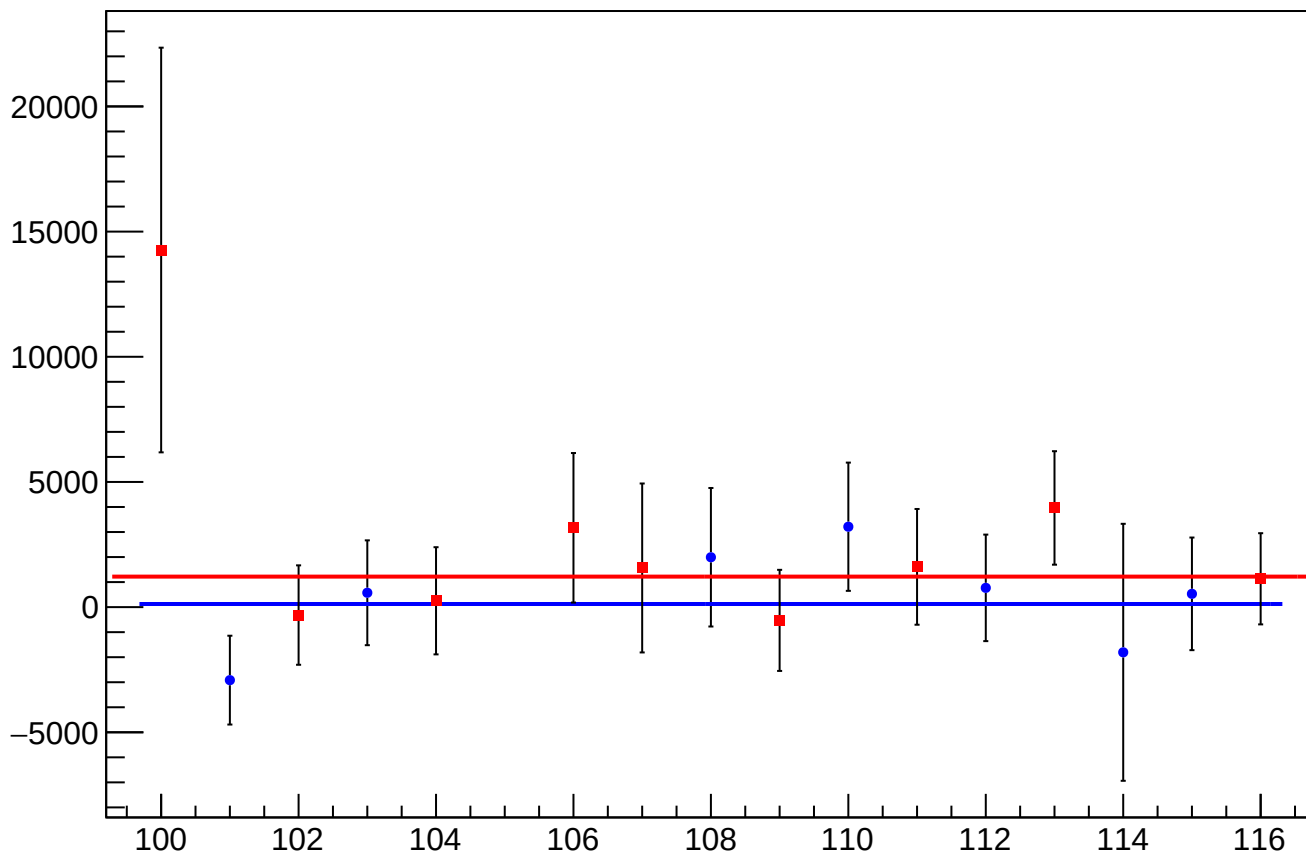
Right: 140.805+/-0.042 χ^2/NDF : 902610.6/15

In: 145.398+/-0.064 χ^2/NDF : 354628.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.805+/-0.042 χ^2/NDF : 902610.6/15

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 124.712+/-881.970 χ^2/NDF : 5.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1218.930+/-786.707 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

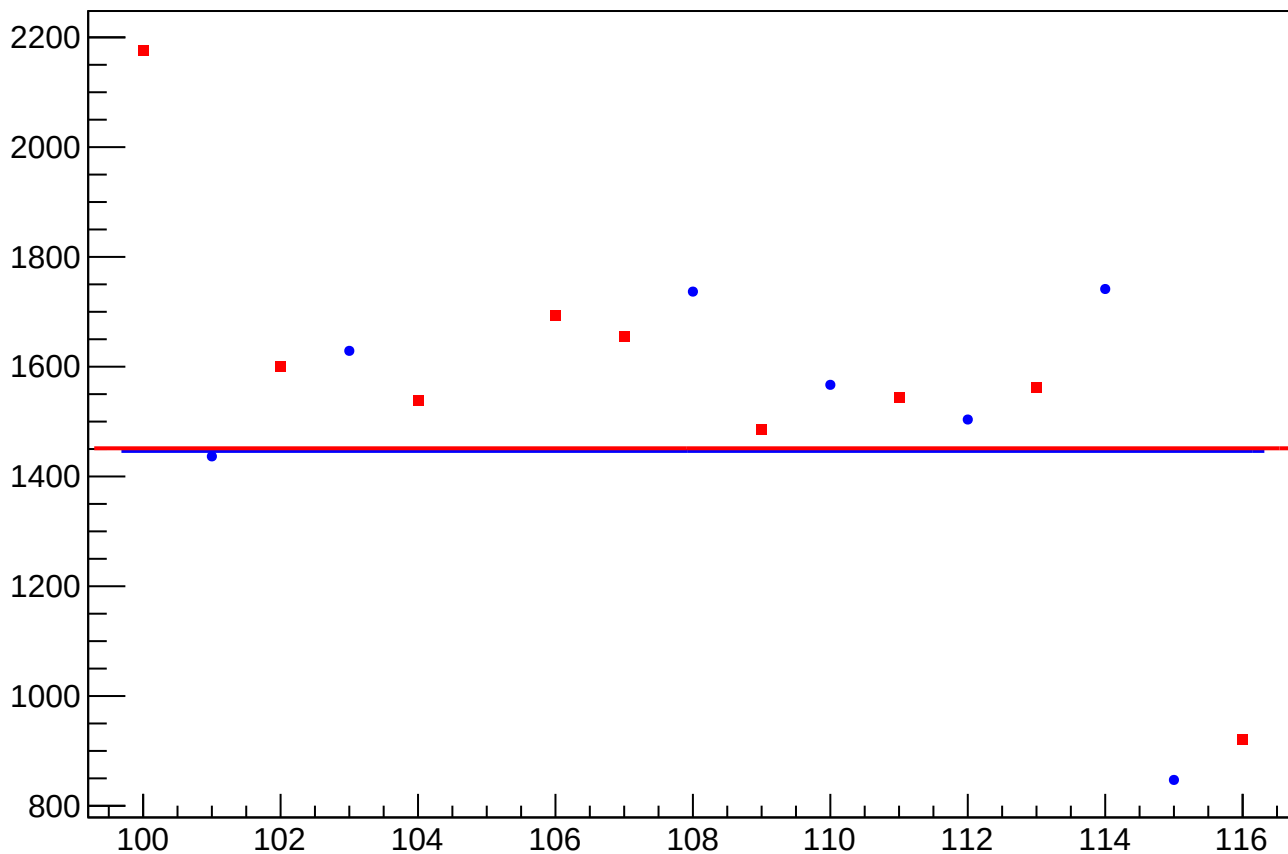
Right: 734.085+/-587.088 χ^2/NDF : 12.1/15

In: 124.712+/-881.970 χ^2/NDF : 5.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.085+/-587.088 χ^2/NDF : 12.1/15

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1446.588+/-0.624 χ^2/NDF : 191763.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.321+/-0.556 χ^2/NDF : 229441.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

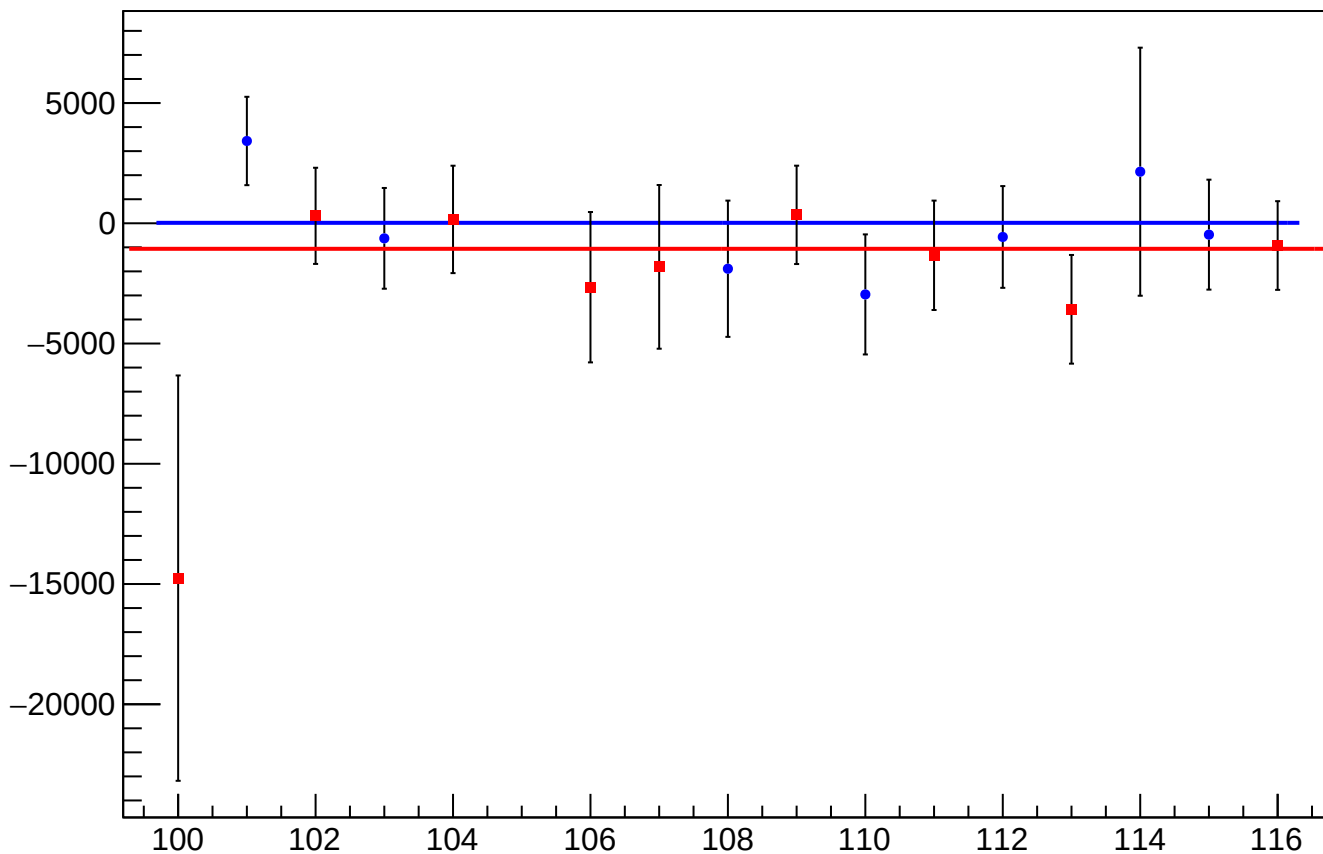
Right: 1449.224+/-0.415 χ^2/NDF : 421236.9/15

In: 1446.588+/-0.624 χ^2/NDF : 191763.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.224+/-0.415 χ^2/NDF : 421236.9/15

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 18.989+/-890.293 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1061.492+/-796.615 χ^2/NDF : 5.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

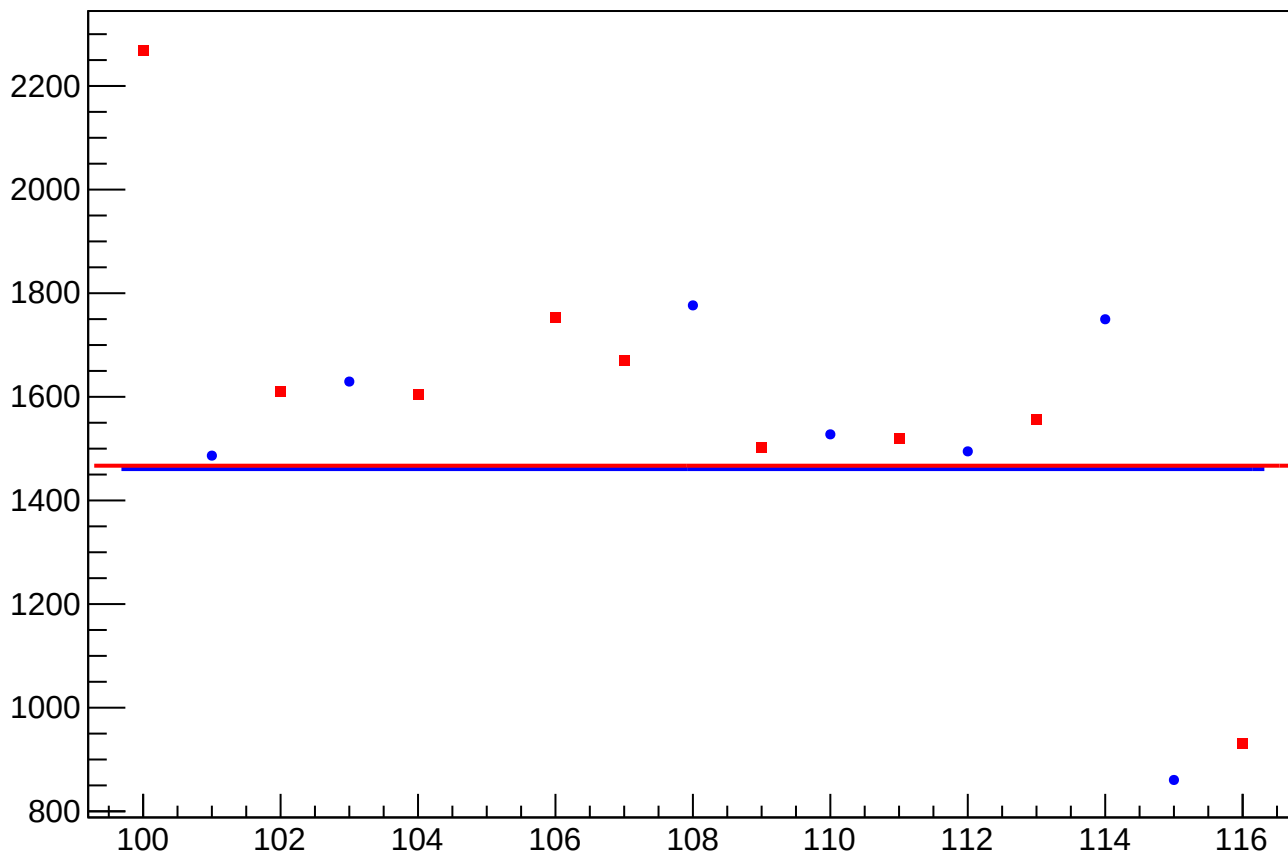
Right: -581.068+/-593.658 χ^2/NDF : 12.0/15

In: 18.989+/-890.293 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.068+/-593.658 χ^2/NDF : 12.0/15

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1460.553+/-0.630 χ^2/NDF : 184335.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1467.079+/-0.563 χ^2/NDF : 233611.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

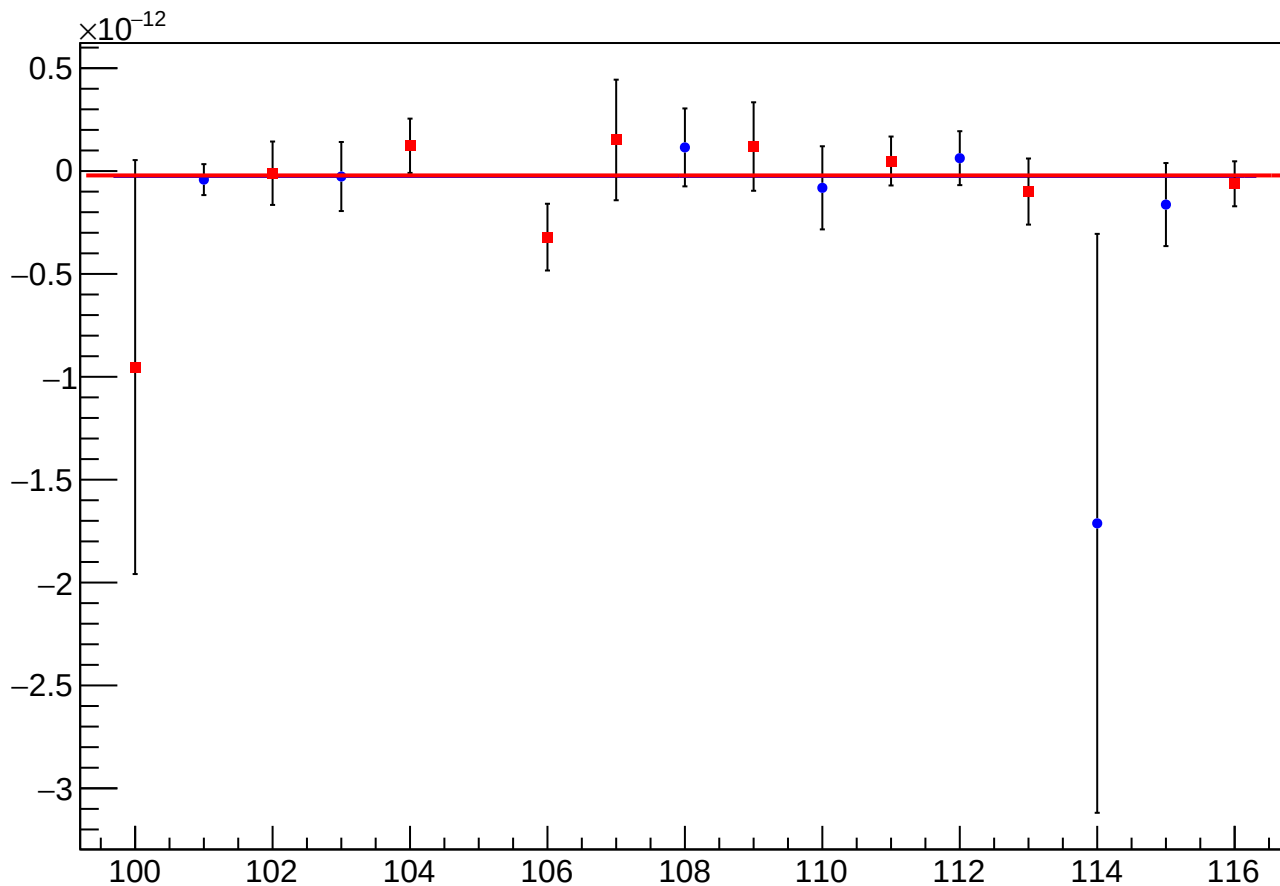
Right: 1464.177+/-0.420 χ^2/NDF : 418006.8/15

In: 1460.553+/-0.630 χ^2/NDF : 184335.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.177+/-0.420 χ^2/NDF : 418006.8/15

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

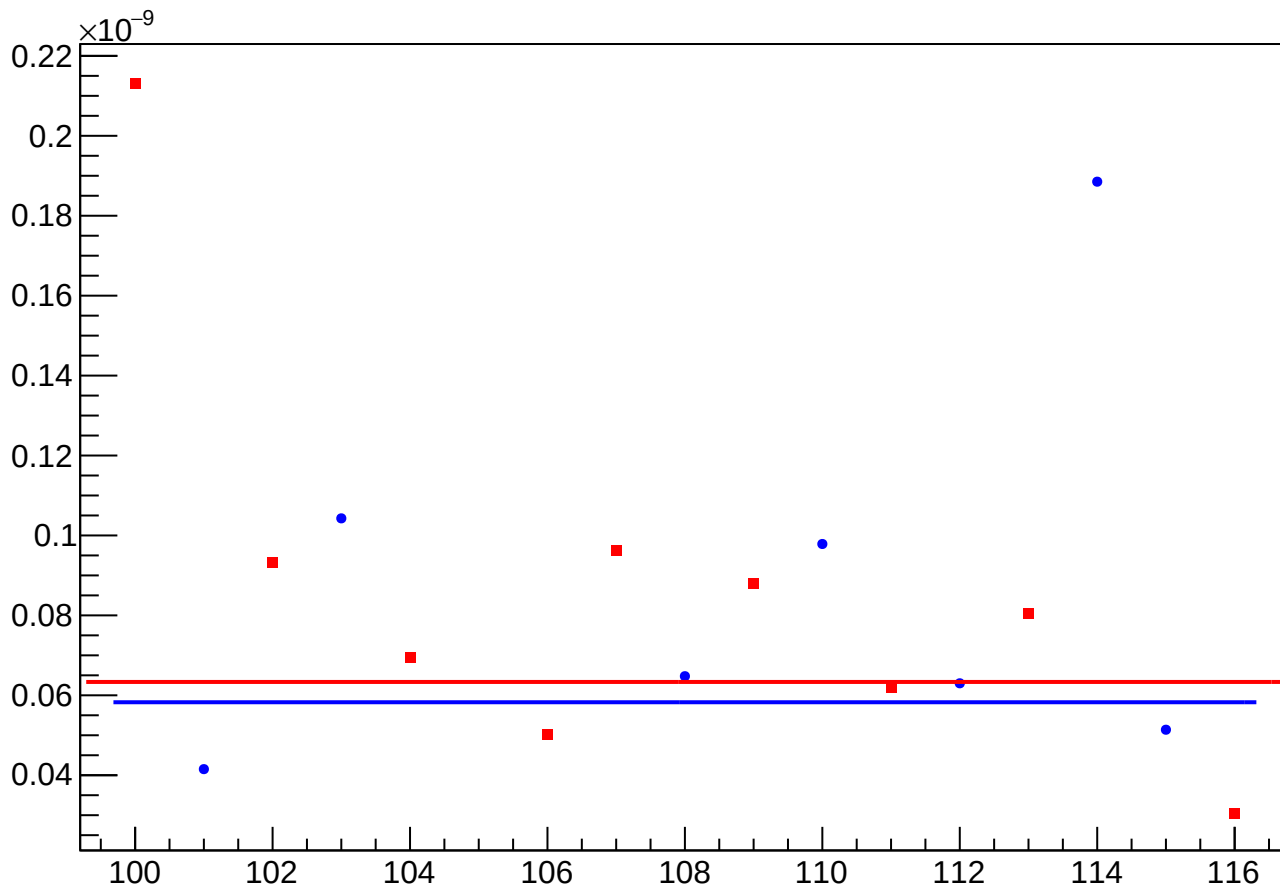
Right: -0.000+/-0.000 χ^2/NDF : 10.0/15

In: -0.000+/-0.000 χ^2/NDF :3.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/15

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350708.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 392571.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

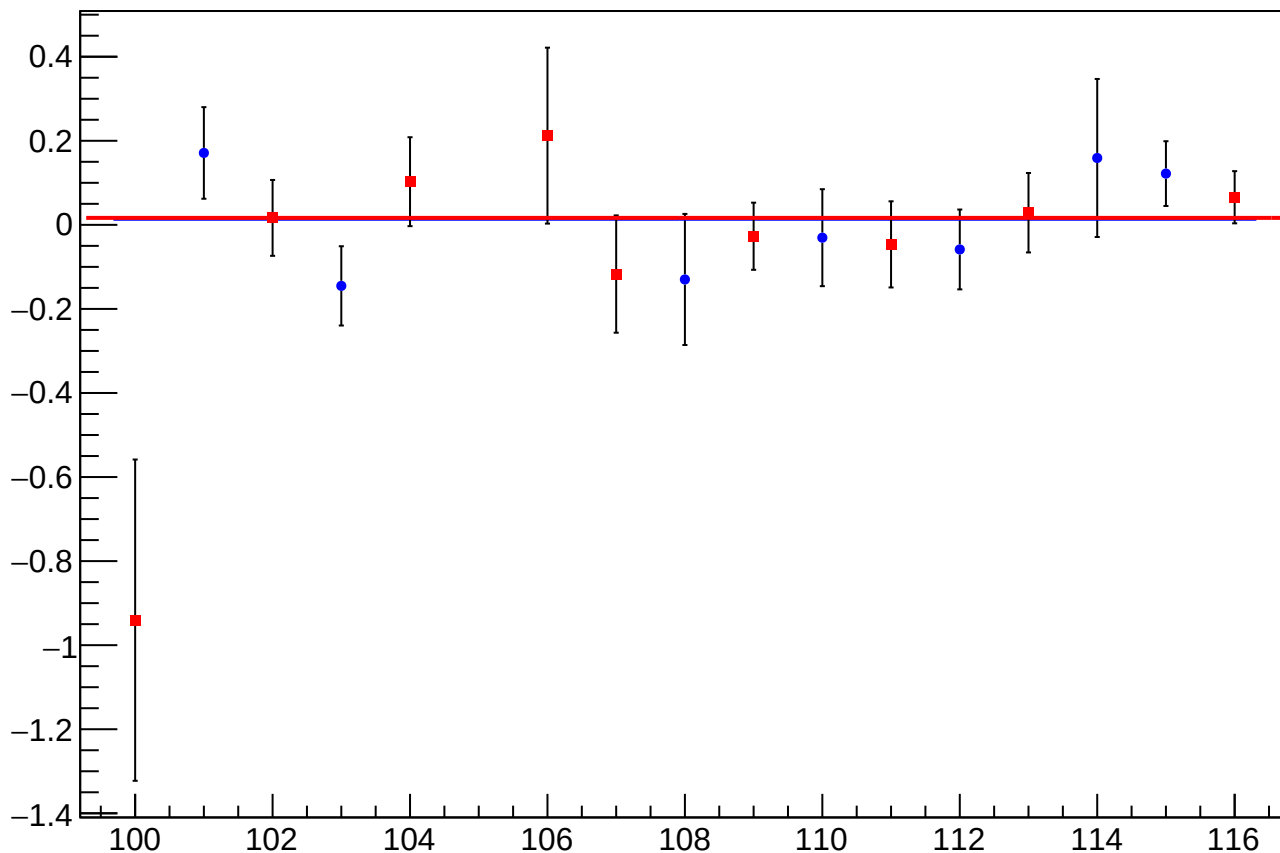
Right: 0.000+/-0.000 χ^2/NDF : 752477.0/15

In: 0.000+/-0.000 χ^2/NDF : 350708.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 752477.0/15

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.033 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

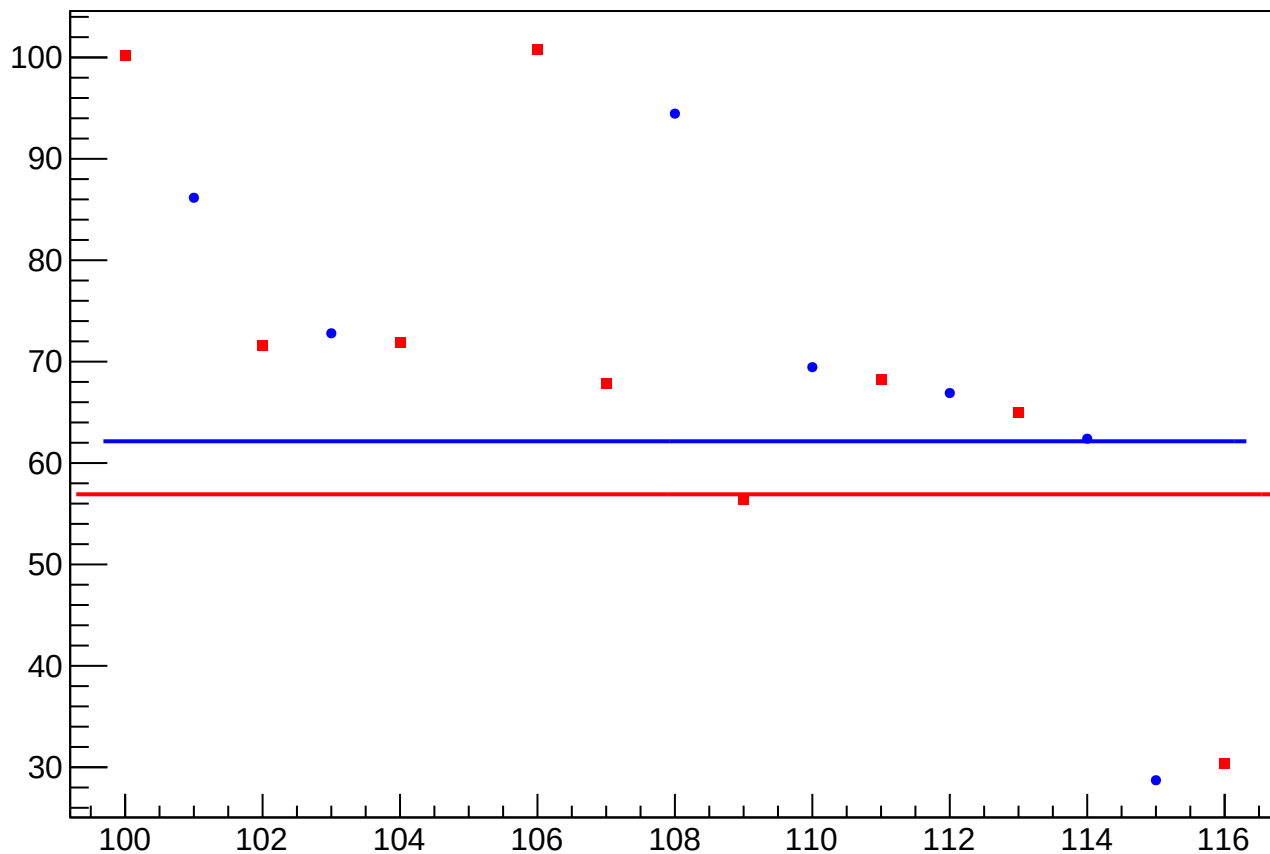
Right: 0.016+/-0.026 χ^2/NDF : 19.1/15

In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.026 χ^2/NDF : 19.1/15

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.145+/-0.028 χ^2/NDF : 598334.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.919+/-0.023 χ^2/NDF : 623428.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

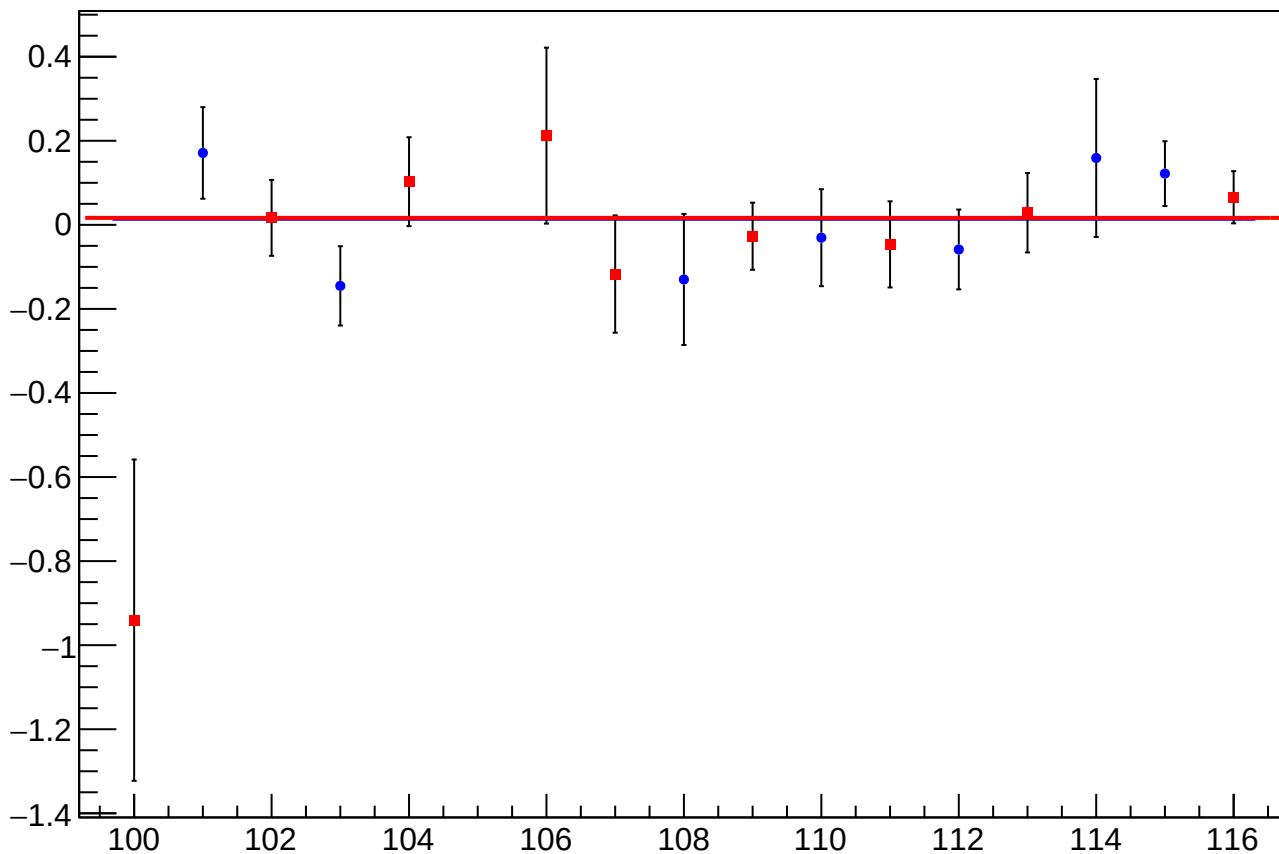
Right: 59.029+/-0.018 χ^2/NDF : 1241978.7/15

In: 62.145+/-0.028 χ^2/NDF : 598334.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.029+/-0.018 χ^2/NDF : 1241978.7/15

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.033 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

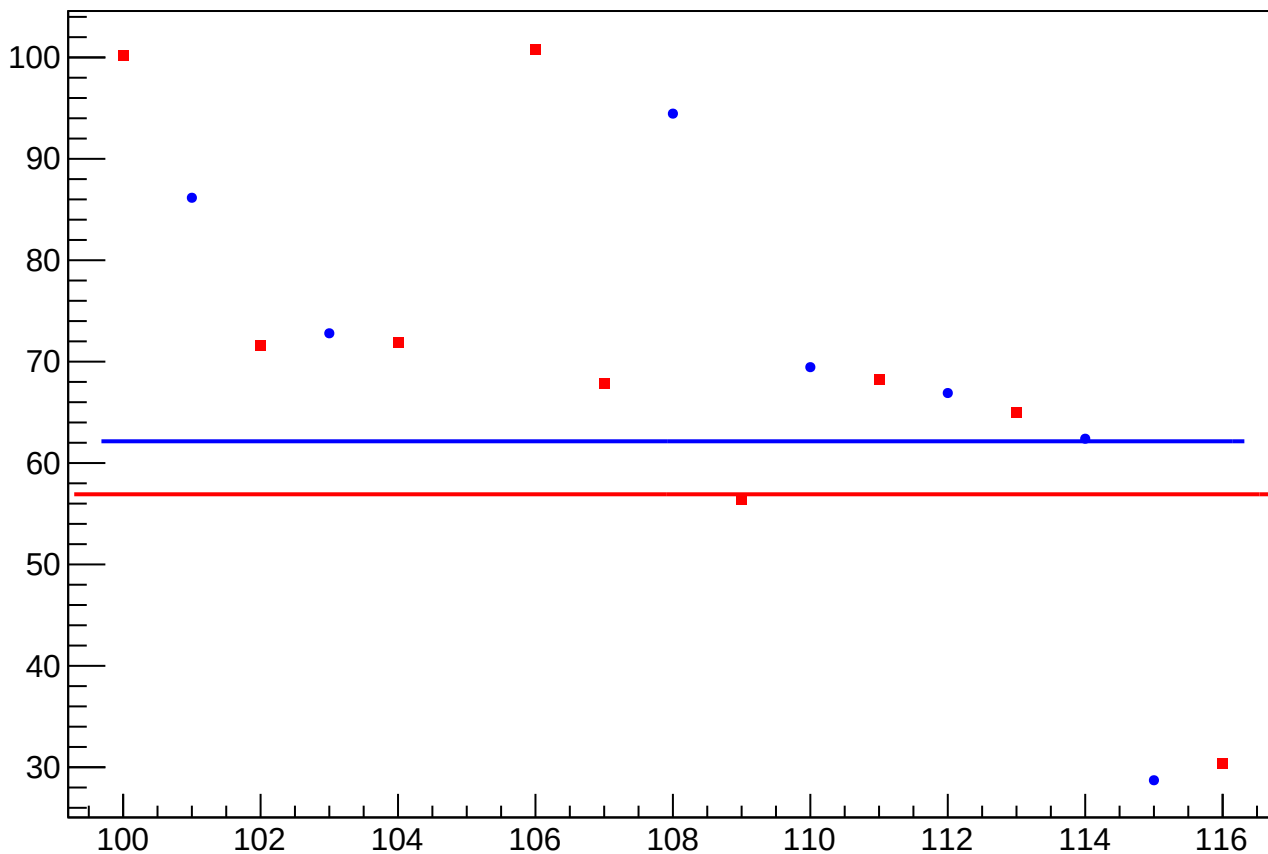
Right: 0.016+/-0.026 χ^2/NDF : 19.1/15

In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.026 χ^2/NDF : 19.1/15

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.145+/-0.028 χ^2/NDF : 598334.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.919+/-0.023 χ^2/NDF : 623428.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

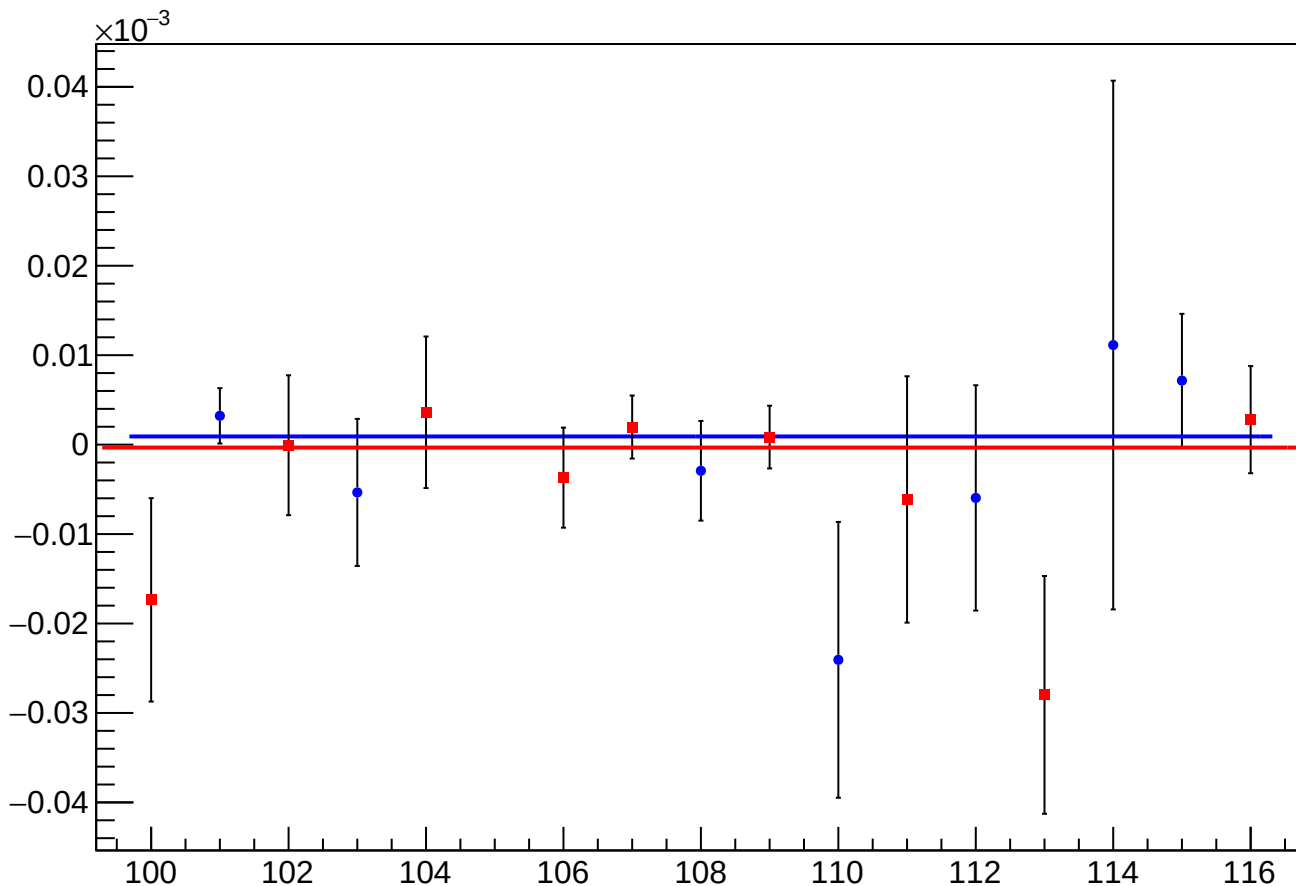
Right: 59.029+/-0.018 χ^2/NDF : 1241978.7/15

In: 62.145+/-0.028 χ^2/NDF : 598334.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.029+/-0.018 χ^2/NDF : 1241978.7/15

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

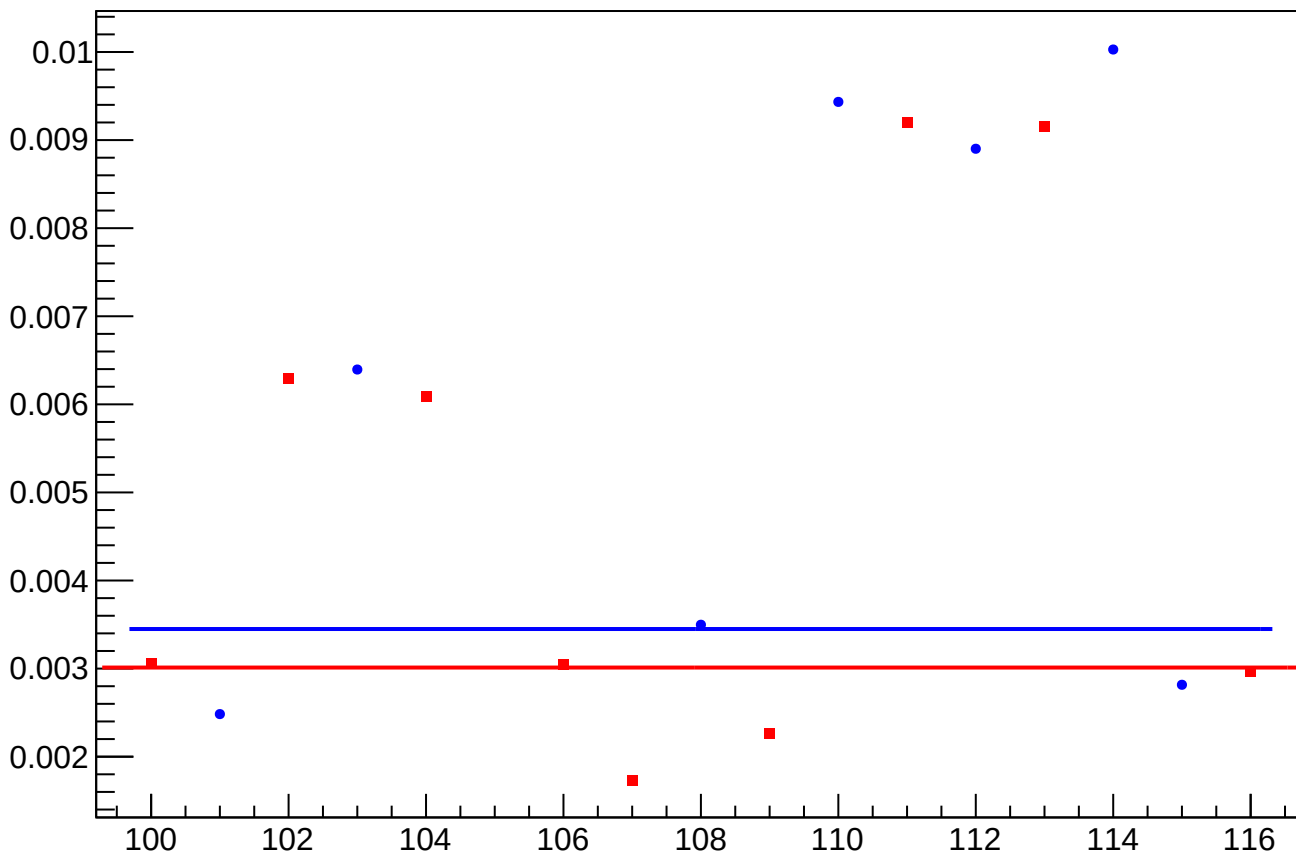
Right: 0.000+/-0.000 χ^2/NDF : 13.7/15

In: 0.000+/-0.000 χ^2/NDF : 5.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.7/15

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1241202.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1803714.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

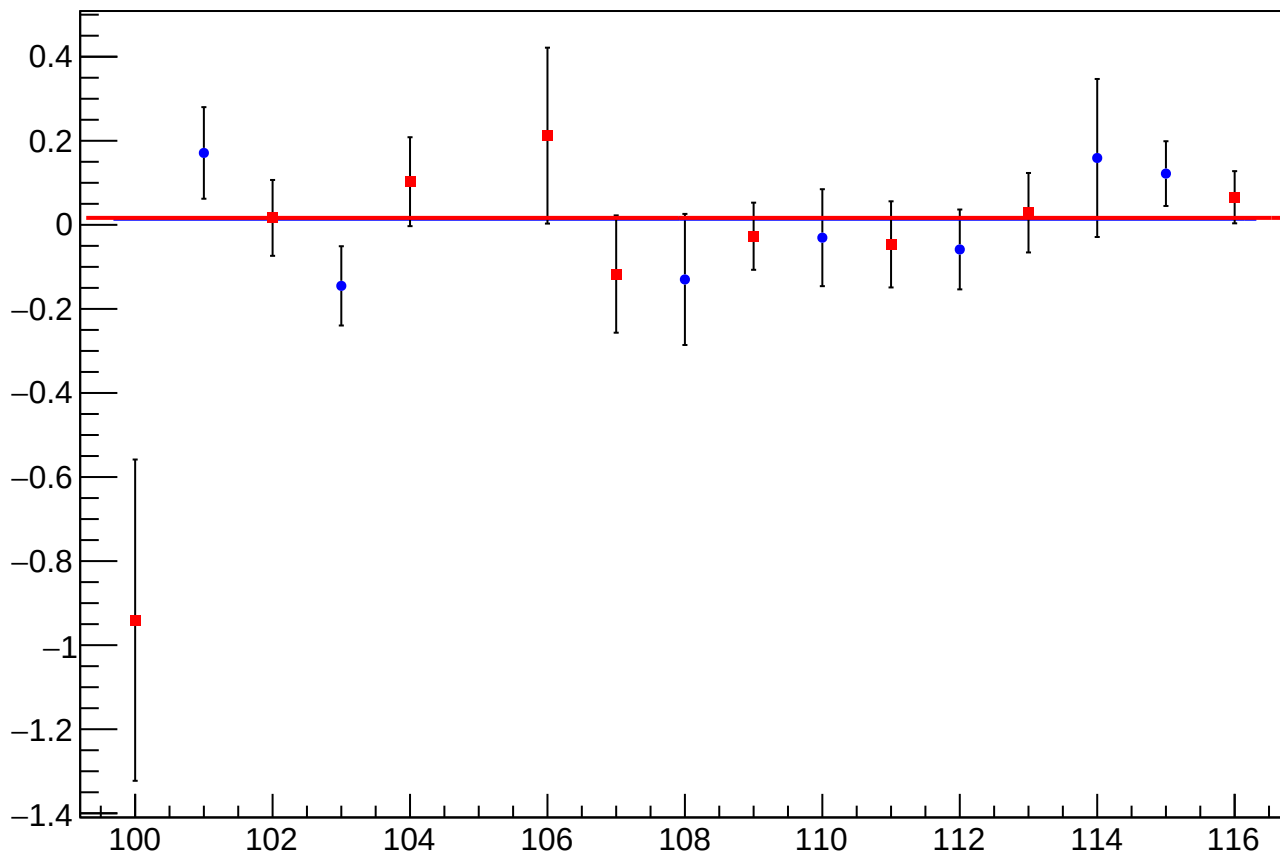
Right: 0.003+/-0.000 χ^2/NDF : 3086436.6/15

In: 0.003+/-0.000 χ^2/NDF :1241202.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3086436.6/15

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.033 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

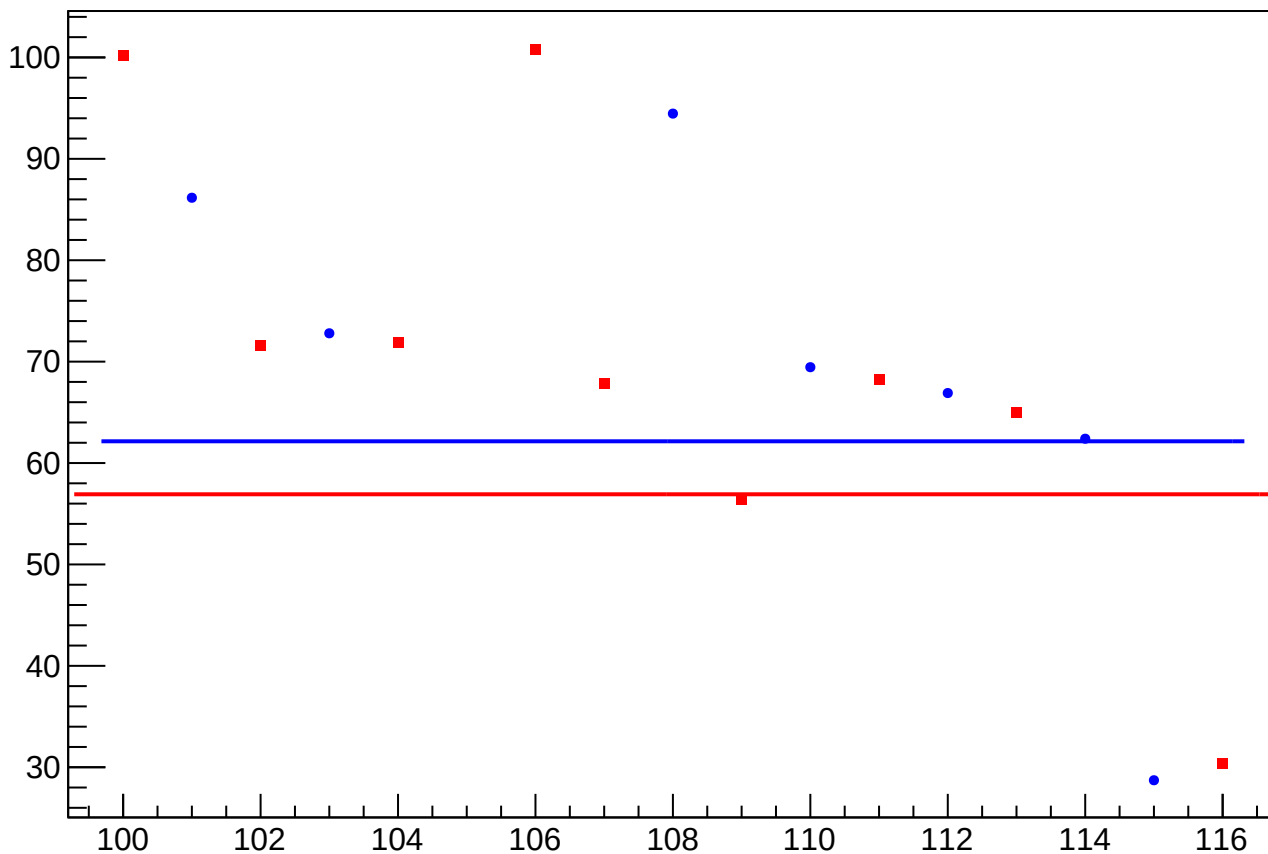
Right: 0.016+/-0.026 χ^2/NDF : 19.1/15

In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.026 χ^2/NDF : 19.1/15

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.145+/-0.028 χ^2/NDF : 598320.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.919+/-0.023 χ^2/NDF : 623401.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

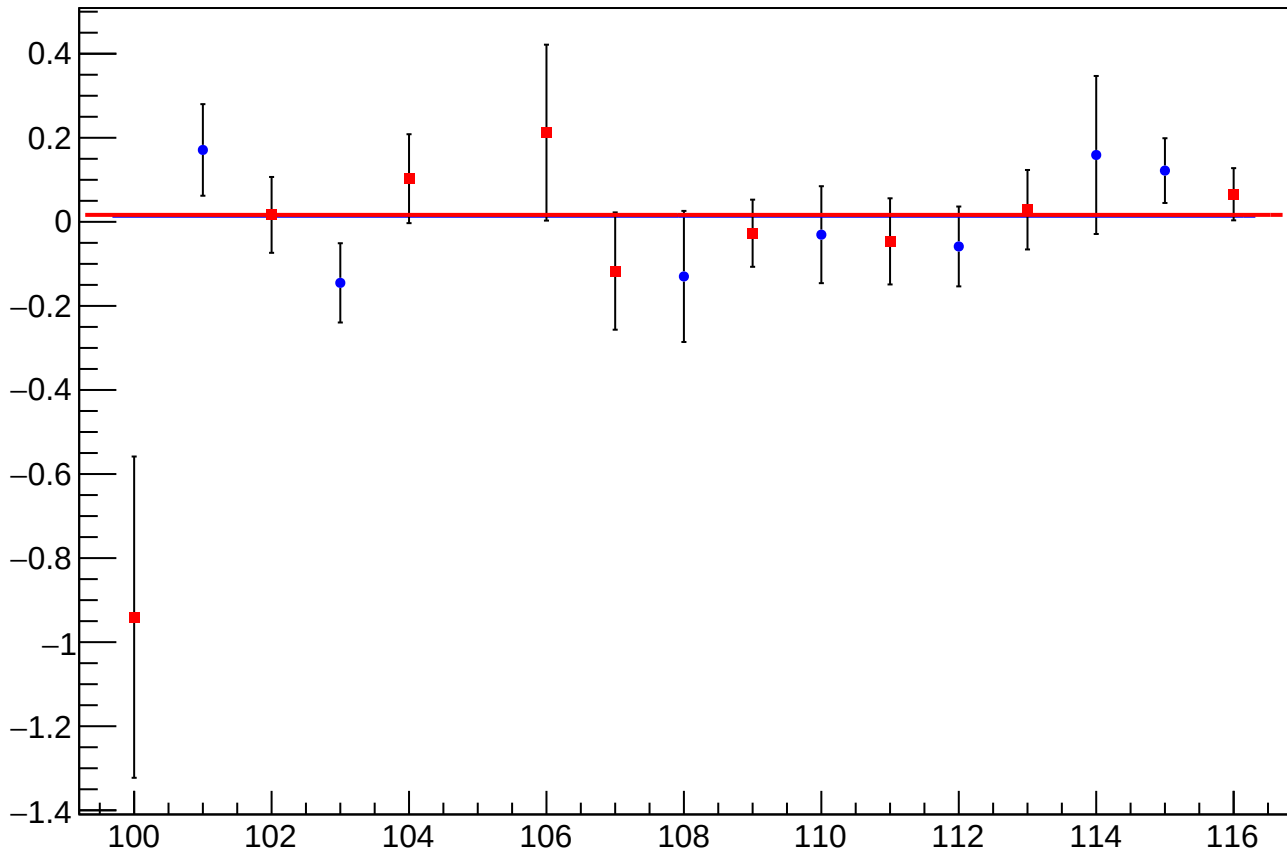
Right: 59.029+/-0.018 χ^2/NDF : 1241934.4/15

In: 62.145+/-0.028 χ^2/NDF : 598320.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.029+/-0.018 χ^2/NDF : 1241934.4/15

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.033 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

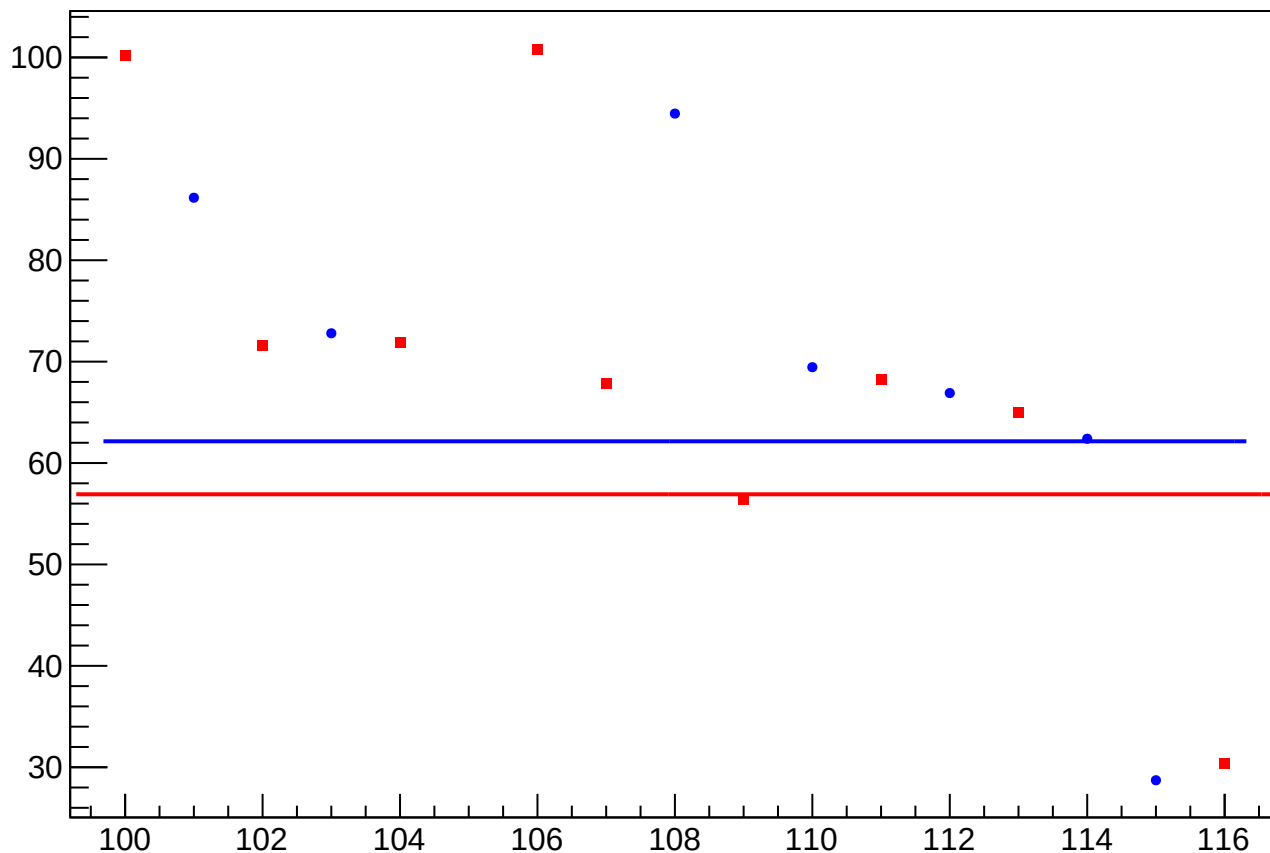
Right: 0.016+/-0.026 χ^2/NDF : 19.1/15

In: 0.015+/-0.040 χ^2/NDF : 9.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.026 χ^2/NDF : 19.1/15

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.145+/-0.028 χ^2/NDF : 598320.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.919+/-0.023 χ^2/NDF : 623401.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

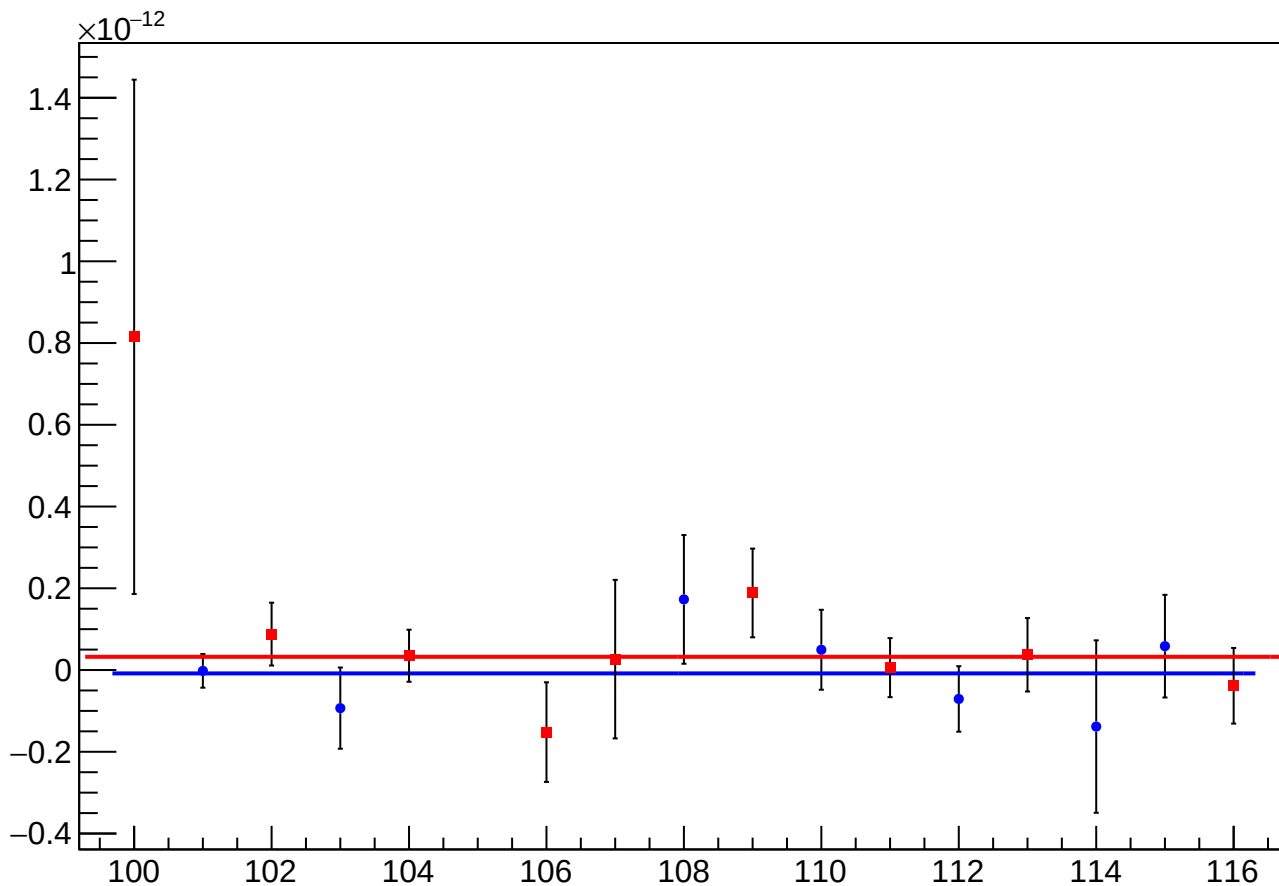
Right: 59.029+/-0.018 χ^2/NDF : 1241934.4/15

In: 62.145+/-0.028 χ^2/NDF : 598320.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.029+/-0.018 χ^2/NDF : 1241934.4/15

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

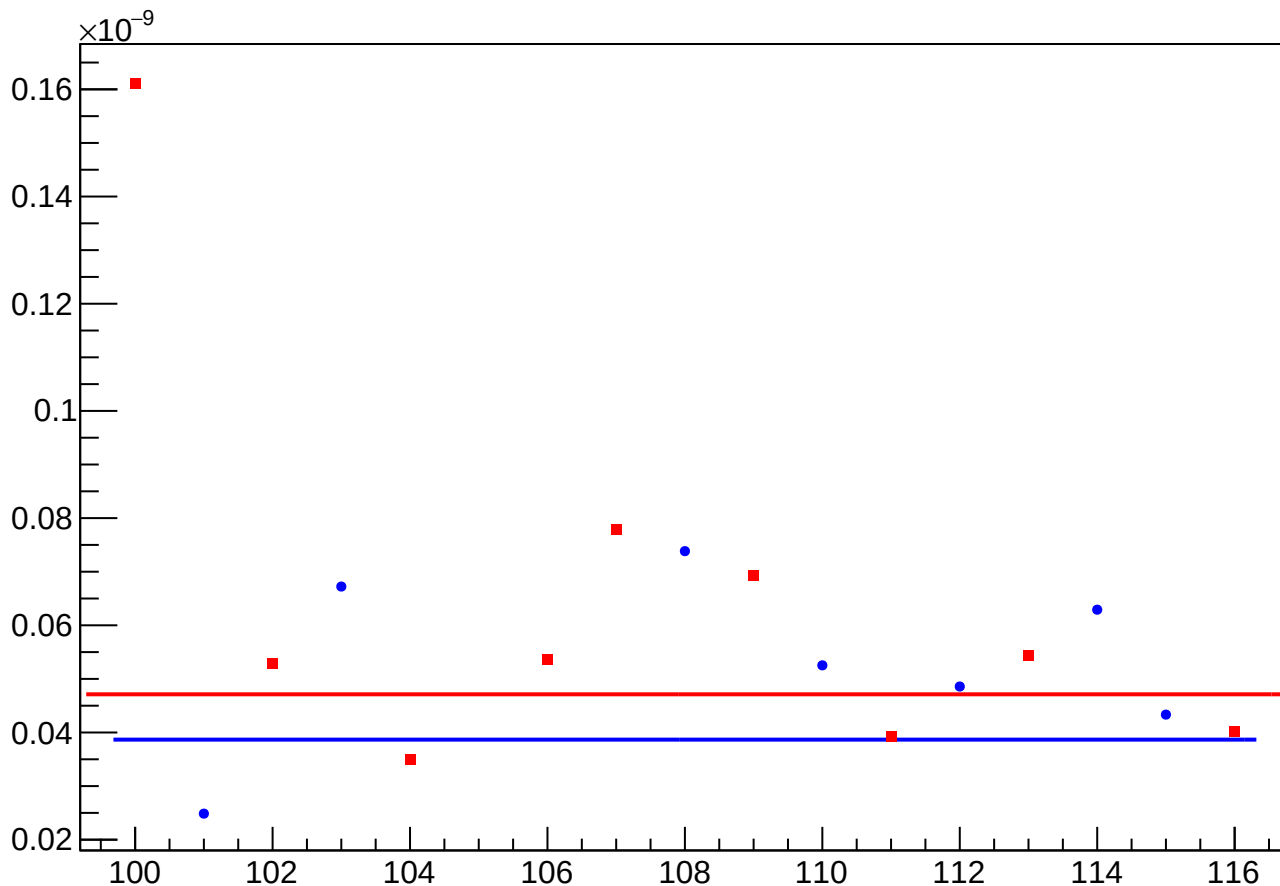
Right: 0.000+/-0.000 χ^2/NDF : 11.7/15

In: -0.000+/-0.000 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.7/15

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 590016.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 337311.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

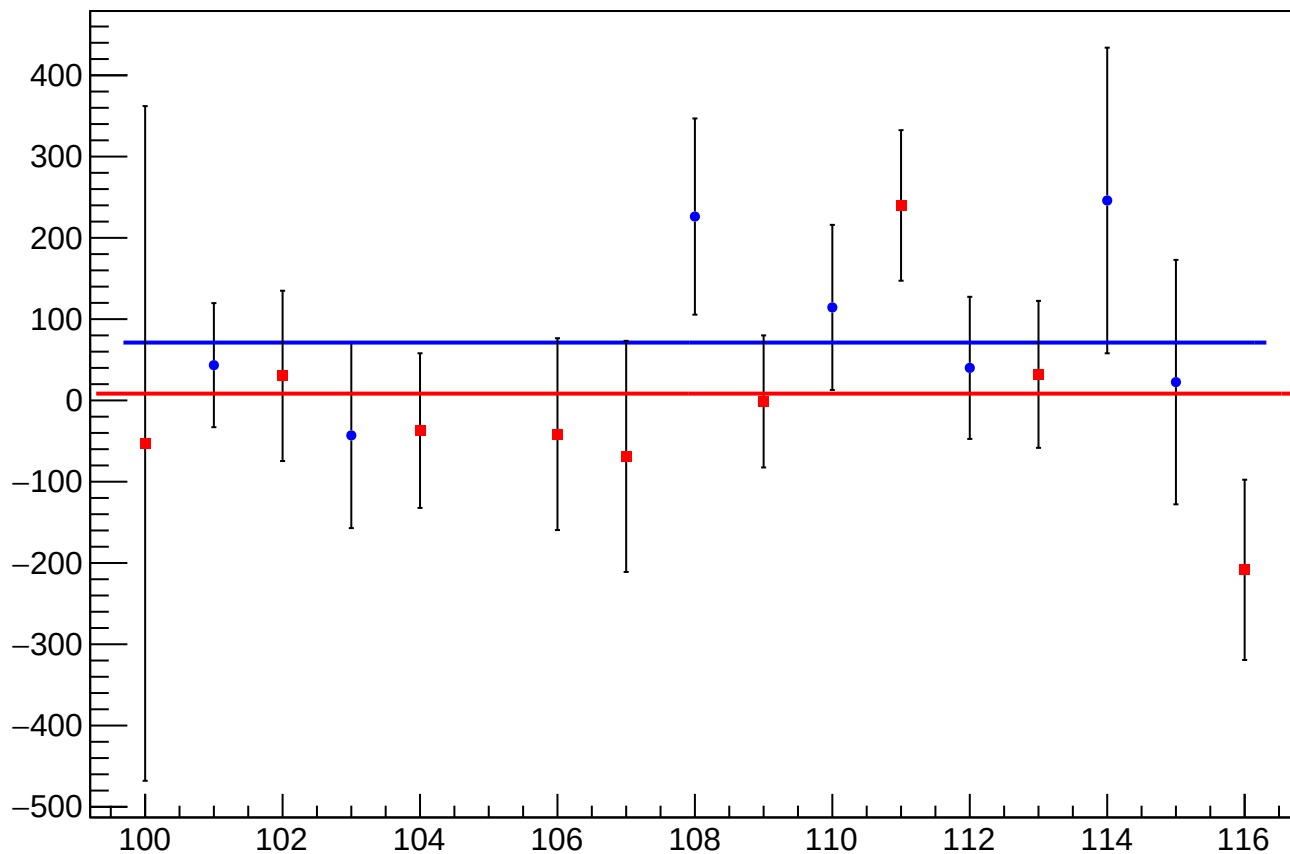
Right: 0.000+/-0.000 χ^2/NDF : 1002652.9/15

In: 0.000+/-0.000 χ^2/NDF : 590016.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1002652.9/15

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 71.176+/-40.243 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.361+/-35.345 χ^2/NDF : 10.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

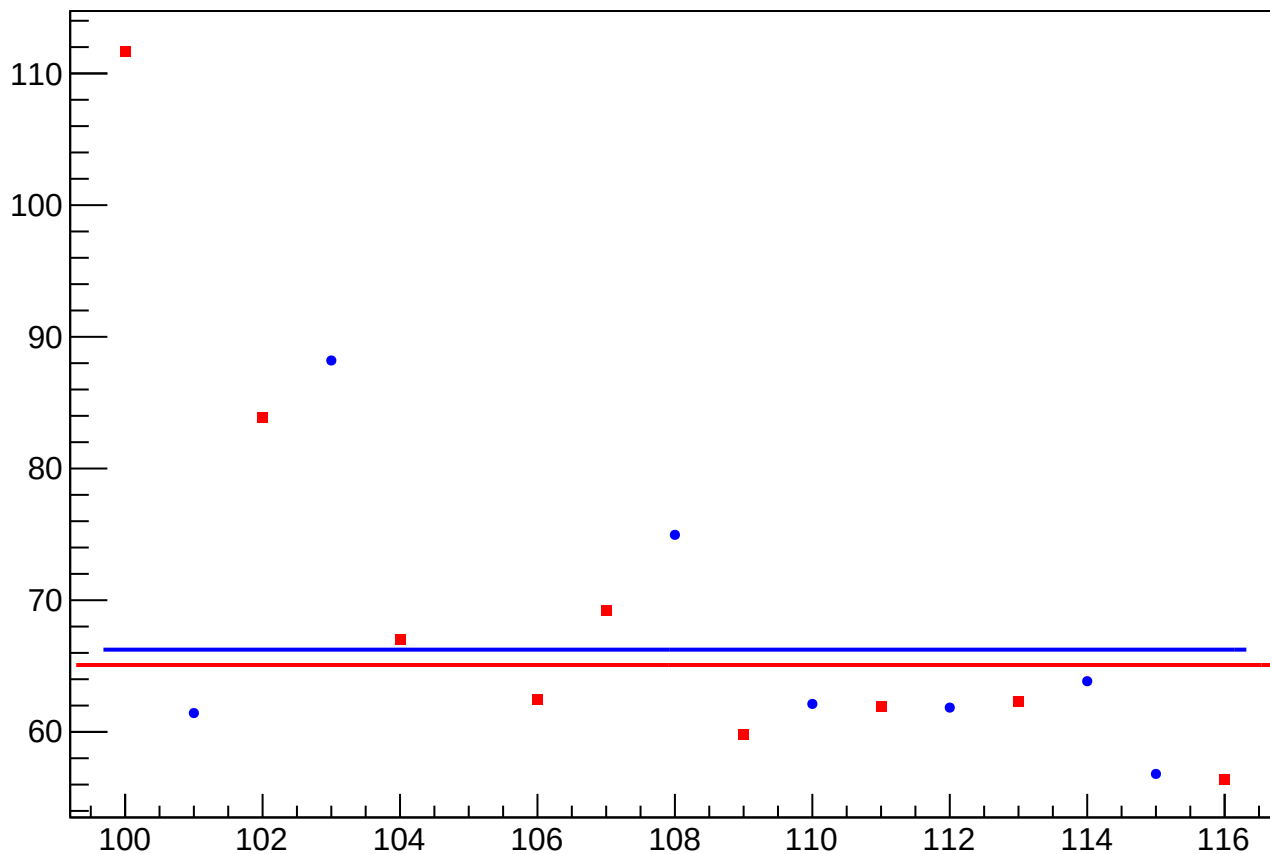
Right: 35.715+/-26.557 χ^2/NDF : 16.4/15

In: 71.176+/-40.243 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.715+/-26.557 χ^2/NDF : 16.4/15

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 66.246+/-0.028 χ^2/NDF : 109103.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.080+/-0.025 χ^2/NDF : 117871.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

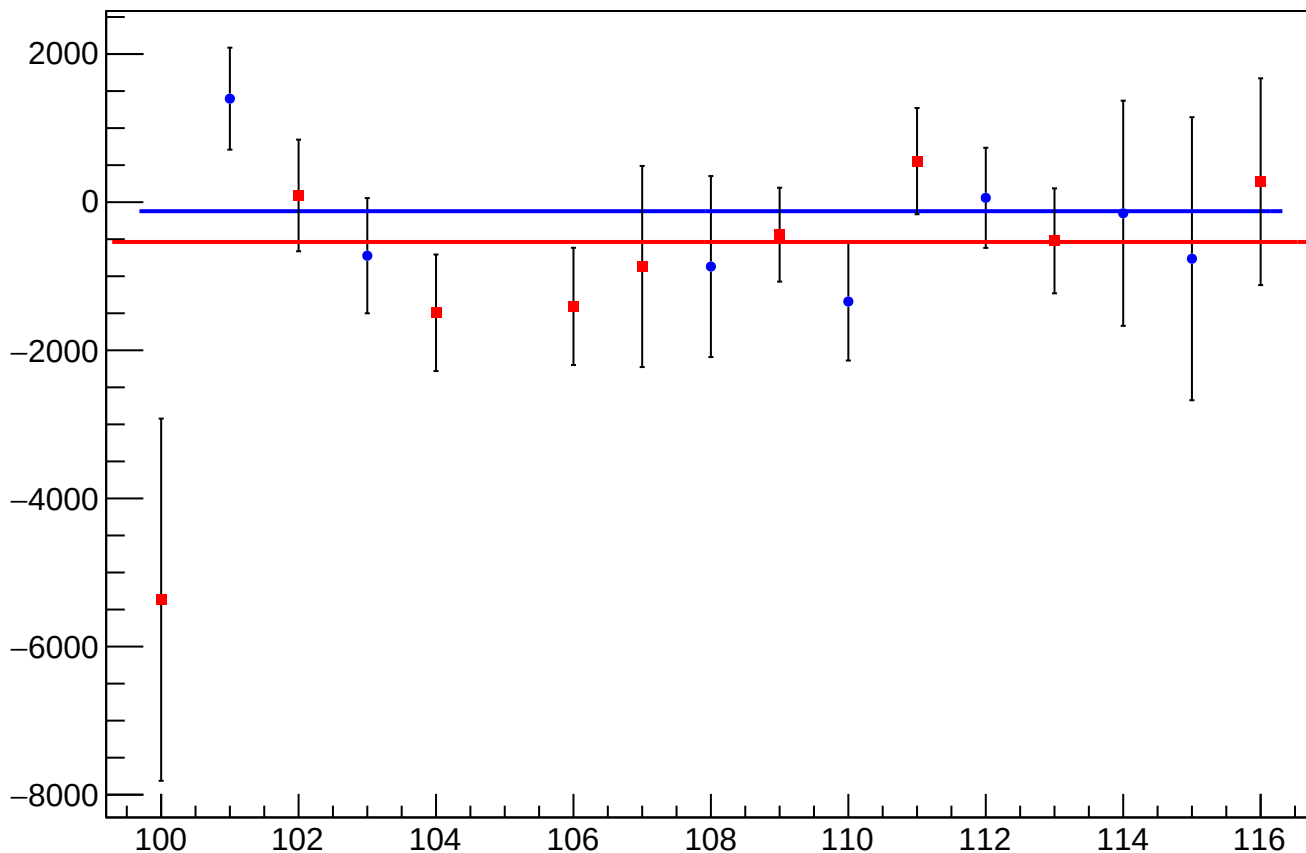
Right: 65.588+/-0.019 χ^2/NDF : 227923.3/15

In: 66.246+/-0.028 χ^2/NDF : 109103.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.588+/-0.019 χ^2/NDF : 227923.3/15

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -121.627+/-335.195 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -537.156+/-281.500 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

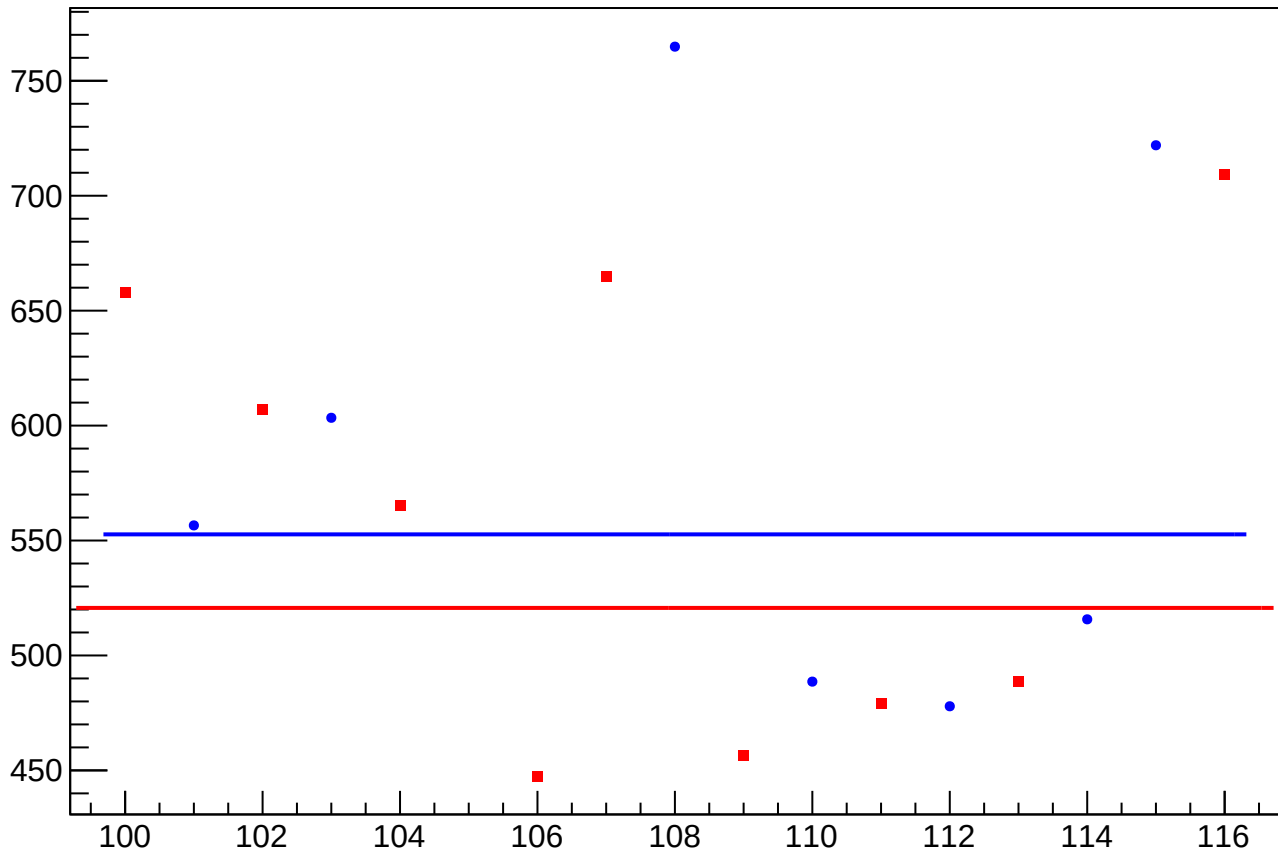
Right: -365.299+/-215.566 χ^2/NDF : 19.3/15

In: -121.627+/-335.195 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.299+/-215.566 χ^2/NDF : 19.3/15

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.681+/-0.237 χ^2/NDF : 123136.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.685+/-0.199 χ^2/NDF : 146744.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

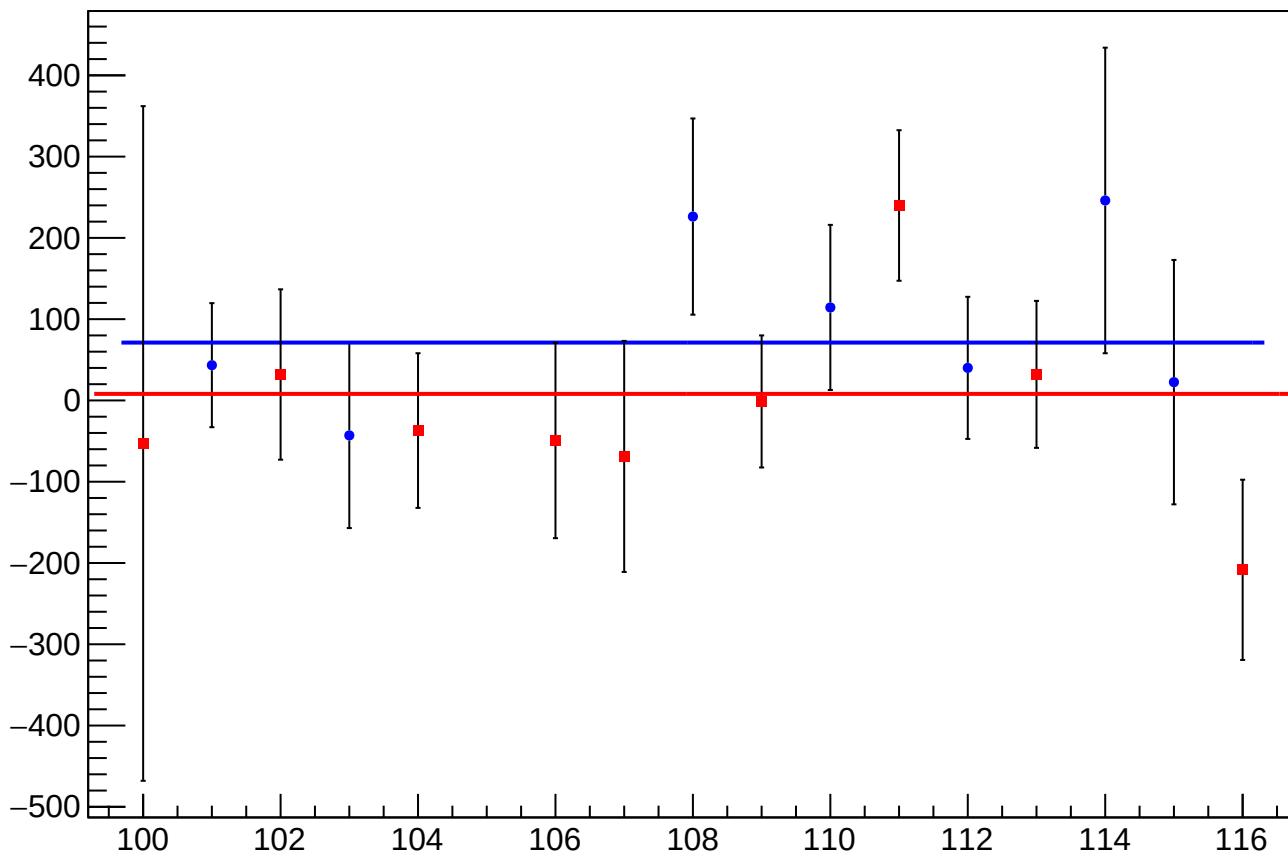
Right: 533.918+/-0.152 χ^2/NDF : 280567.0/15

In: 552.681+/-0.237 χ^2/NDF : 123136.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.918+/-0.152 χ^2/NDF : 280567.0/15

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 71.193+/-40.243 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.060+/-35.405 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

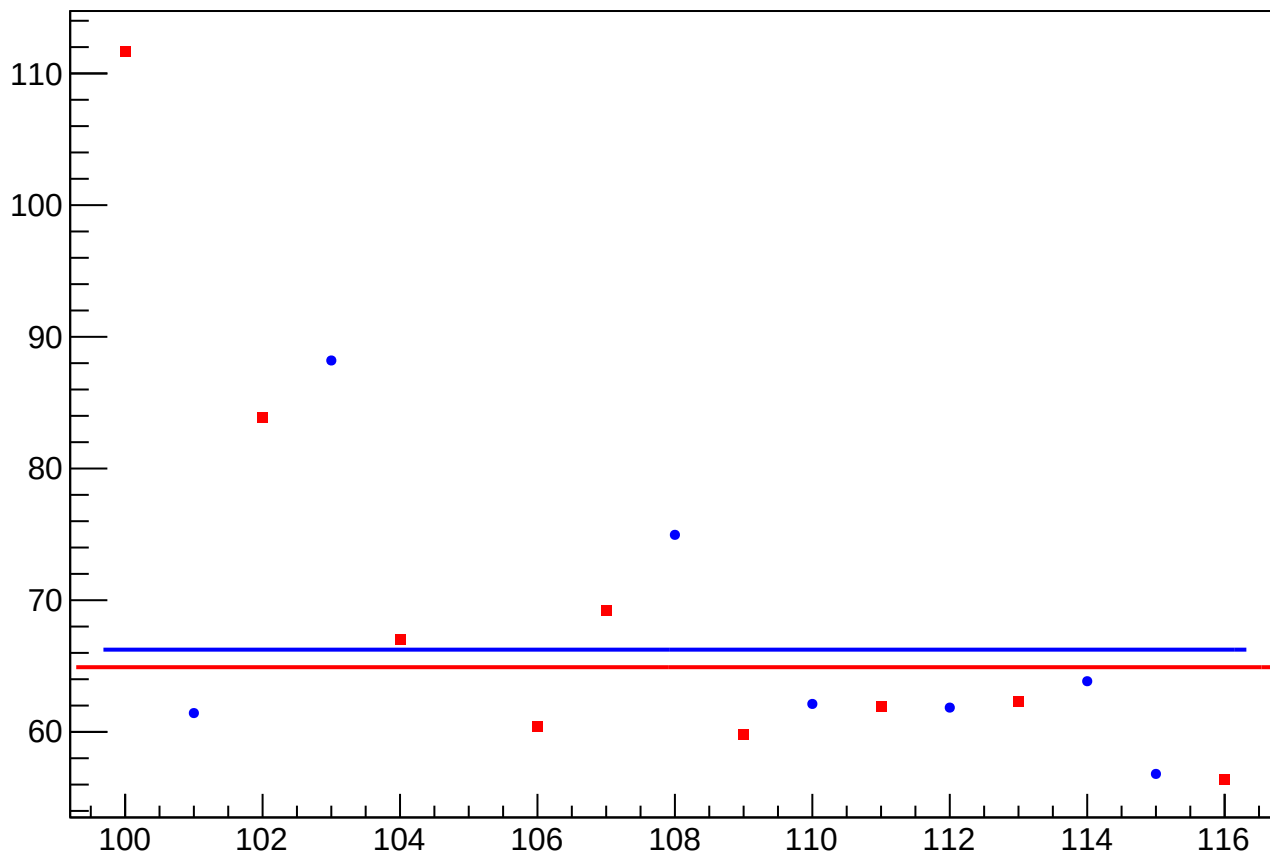
Right: 35.605+/-26.582 χ^2/NDF : 16.4/15

In: 71.193+/-40.243 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.605+/-26.582 χ^2/NDF : 16.4/15

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 66.246+/-0.028 χ^2/NDF : 109107.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.914+/-0.025 χ^2/NDF : 120041.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

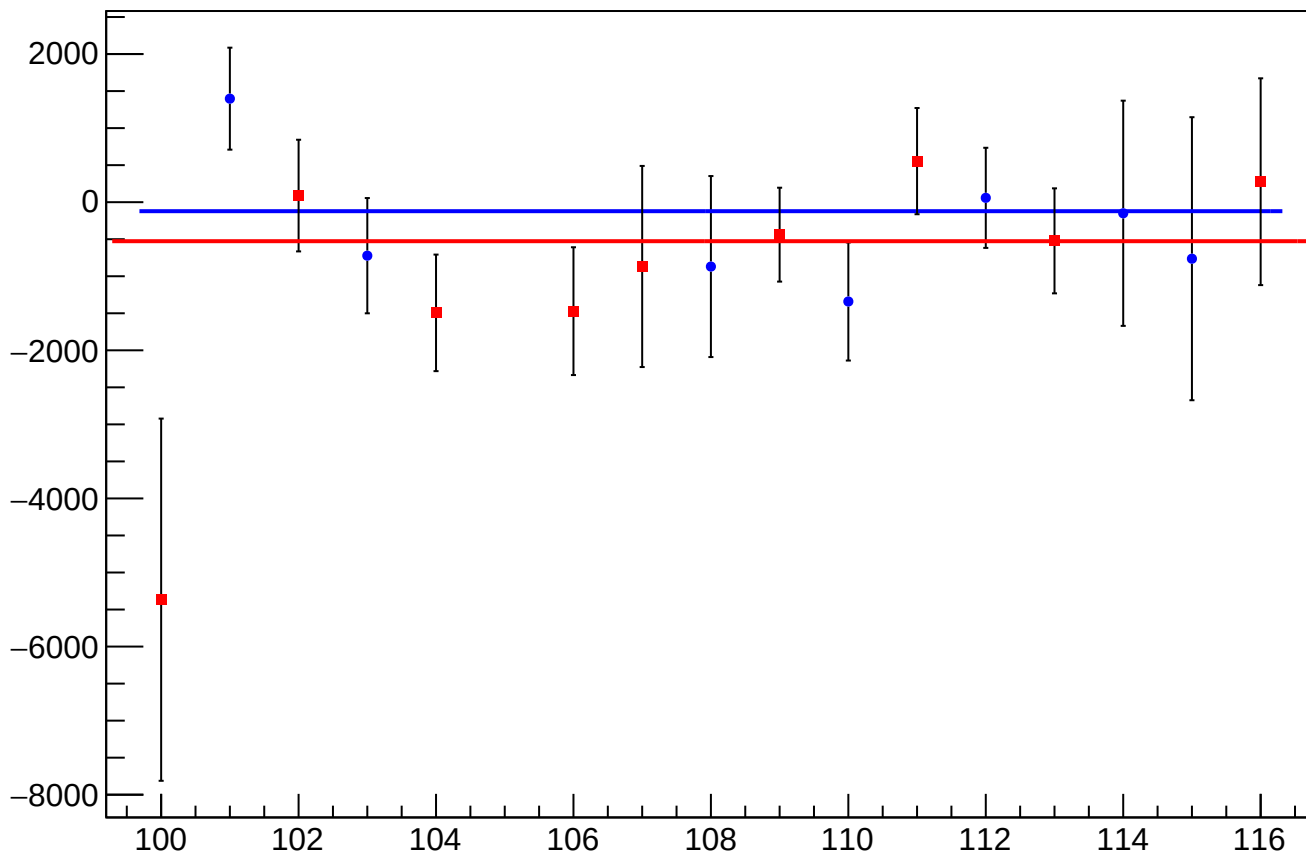
Right: 65.495+/-0.019 χ^2/NDF : 230383.6/15

In: 66.246+/-0.028 χ^2/NDF : 109107.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.495+/-0.019 χ^2/NDF : 230383.6/15

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -121.559+/-335.200 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -526.717+/-284.389 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

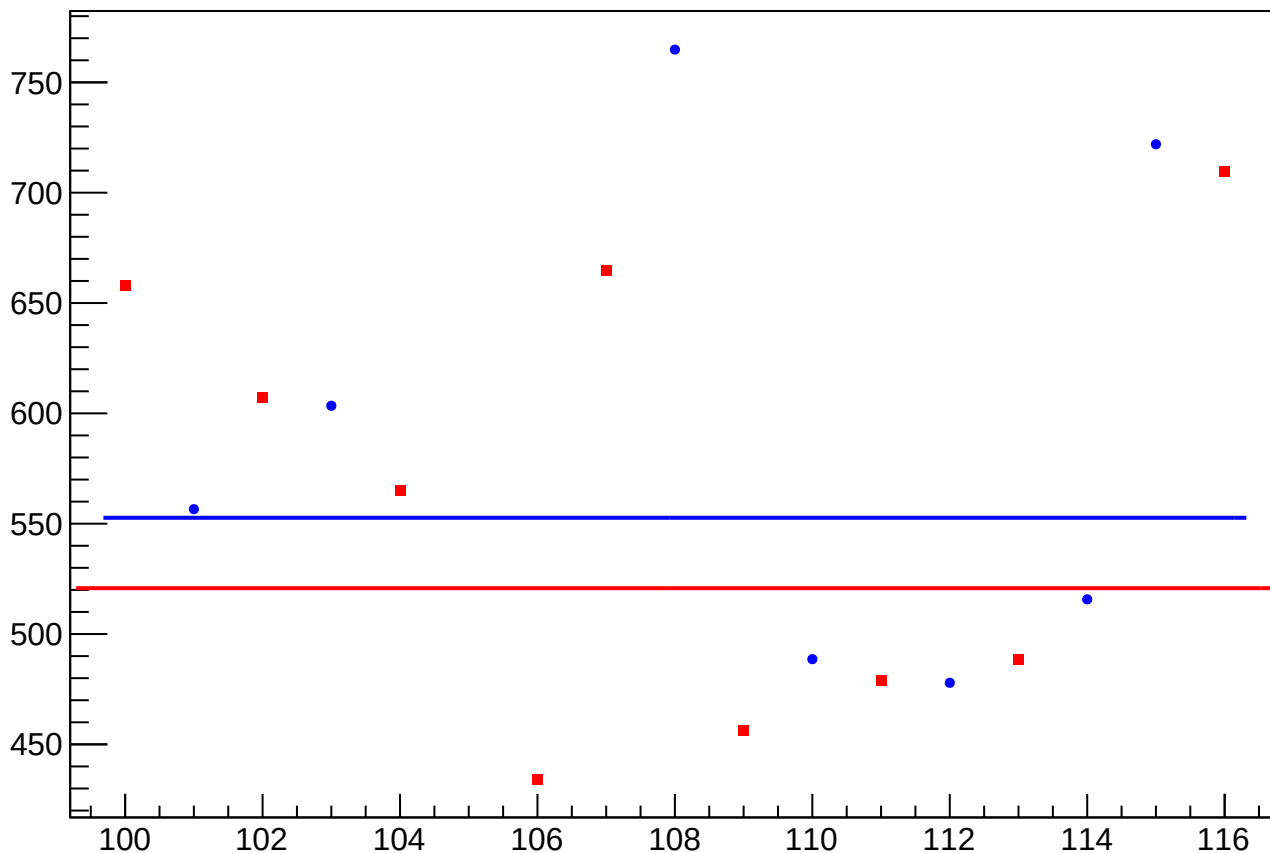
Right: -357.142+/-216.856 χ^2/NDF : 19.2/15

In: -121.559+/-335.200 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.142+/-216.856 χ^2/NDF : 19.2/15

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.688+/-0.237 χ^2/NDF : 123150.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.779+/-0.201 χ^2/NDF : 149849.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

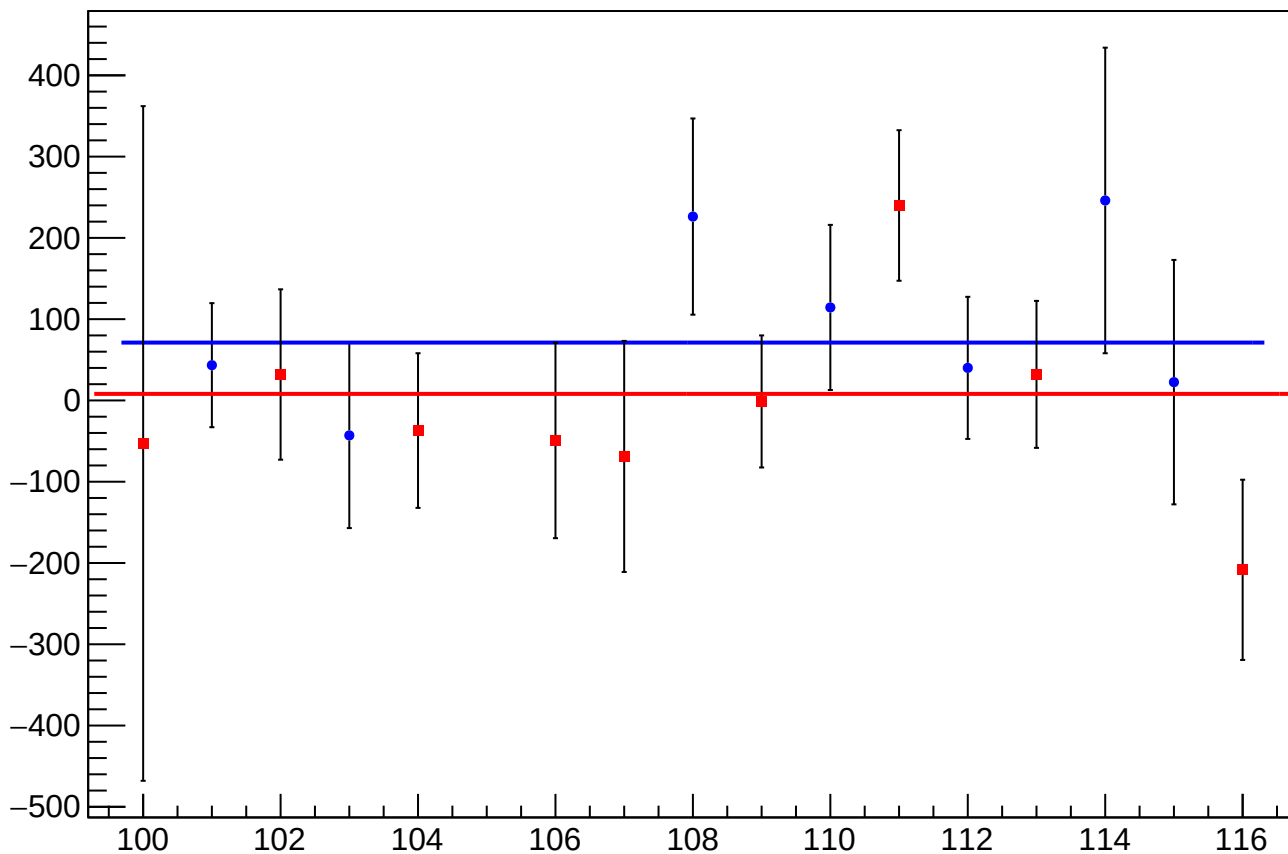
Right: 534.134+/-0.153 χ^2/NDF : 283538.9/15

In: 552.688+/-0.237 χ^2/NDF : 123150.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.134+/-0.153 χ^2/NDF : 283538.9/15

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 71.193+/-40.243 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.060+/-35.405 χ^2/NDF : 11.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

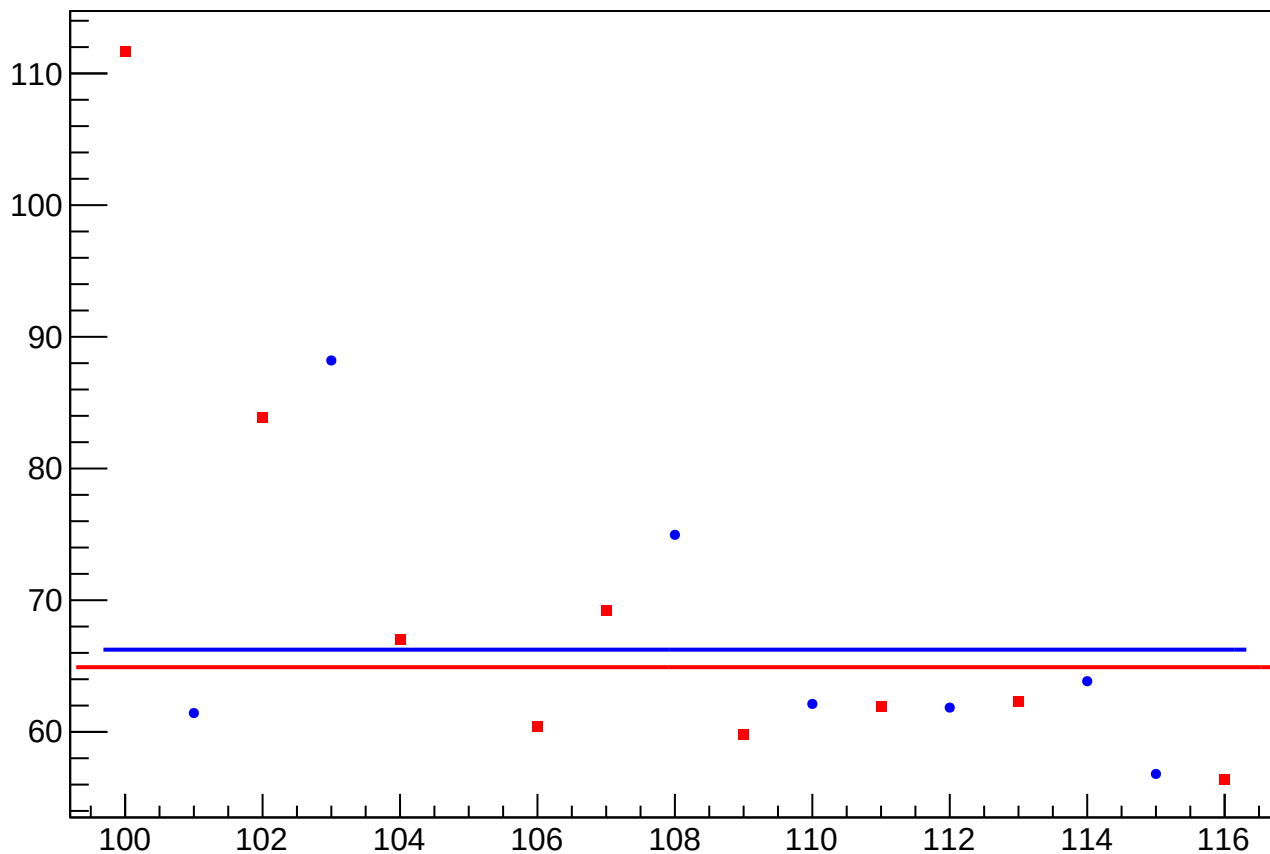
Right: 35.605+/-26.582 χ^2/NDF : 16.4/15

In: 71.193+/-40.243 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.605+/-26.582 χ^2/NDF : 16.4/15

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 66.246+/-0.028 χ^2/NDF : 109107.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.914+/-0.025 χ^2/NDF : 120041.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

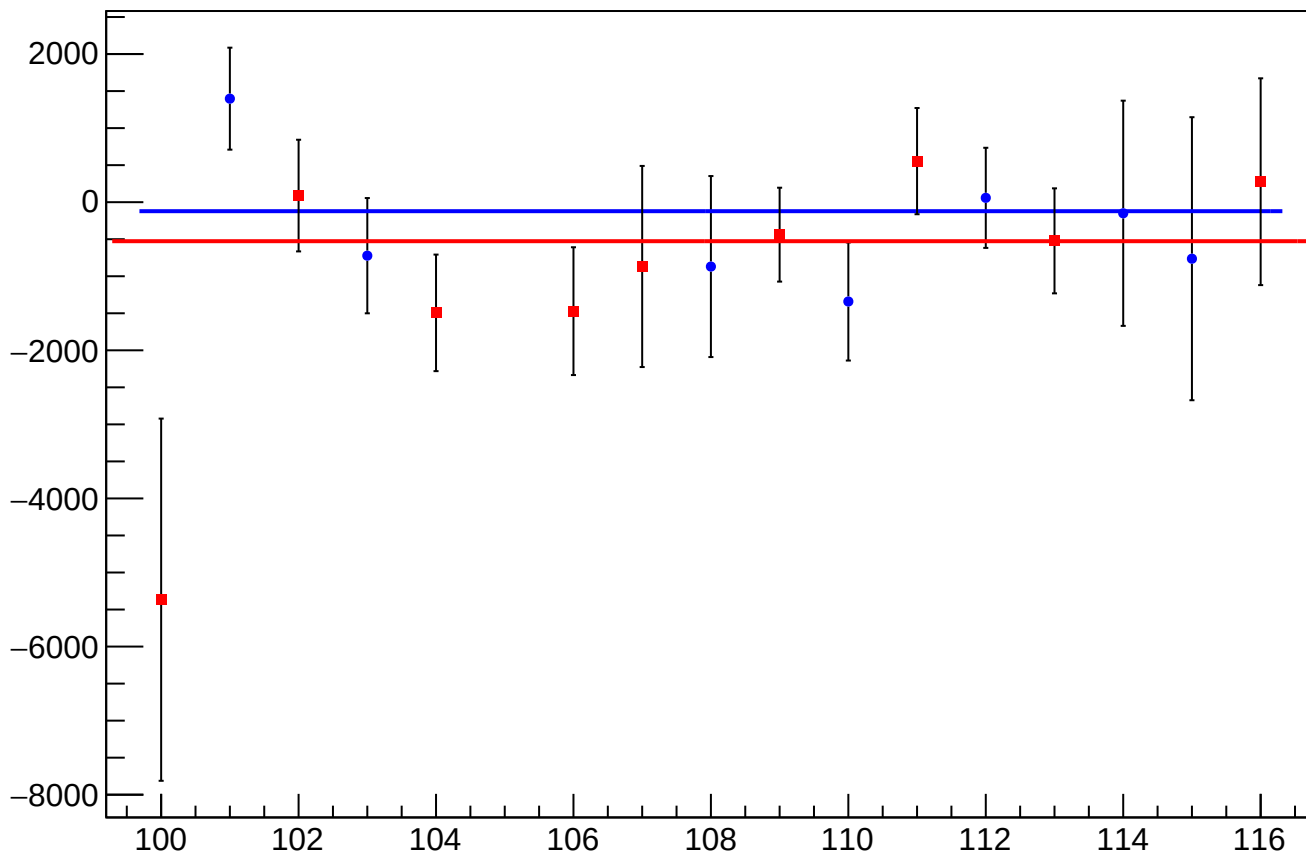
Right: 65.495+/-0.019 χ^2/NDF : 230383.6/15

In: 66.246+/-0.028 χ^2/NDF : 109107.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.495+/-0.019 χ^2/NDF : 230383.6/15

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -121.559+/-335.200 χ^2/NDF : 8.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -526.717+/-284.389 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

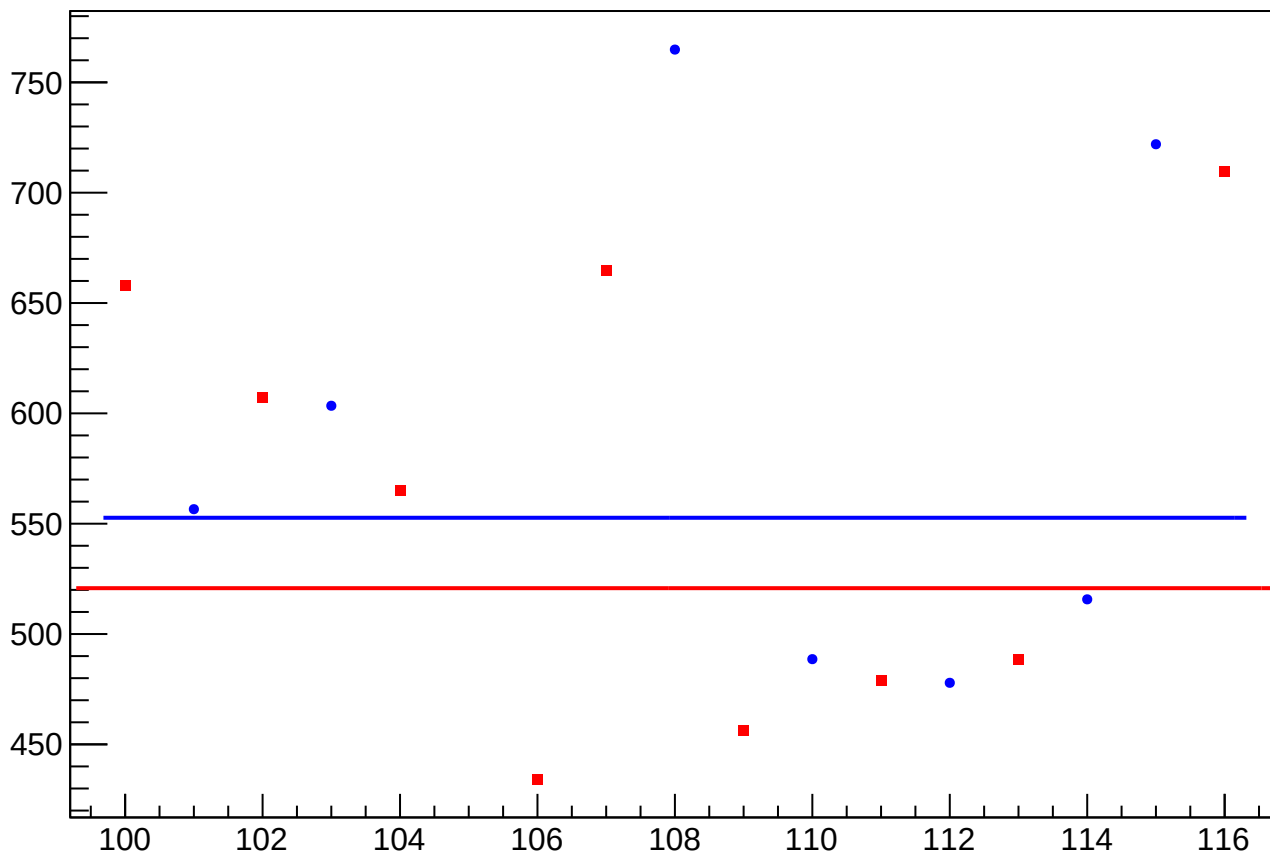
Right: -357.142+/-216.856 χ^2/NDF : 19.2/15

In: -121.559+/-335.200 χ^2/NDF : 8.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.142+/-216.856 χ^2/NDF : 19.2/15

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.688+/-0.237 χ^2/NDF : 123150.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.779+/-0.201 χ^2/NDF : 149849.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

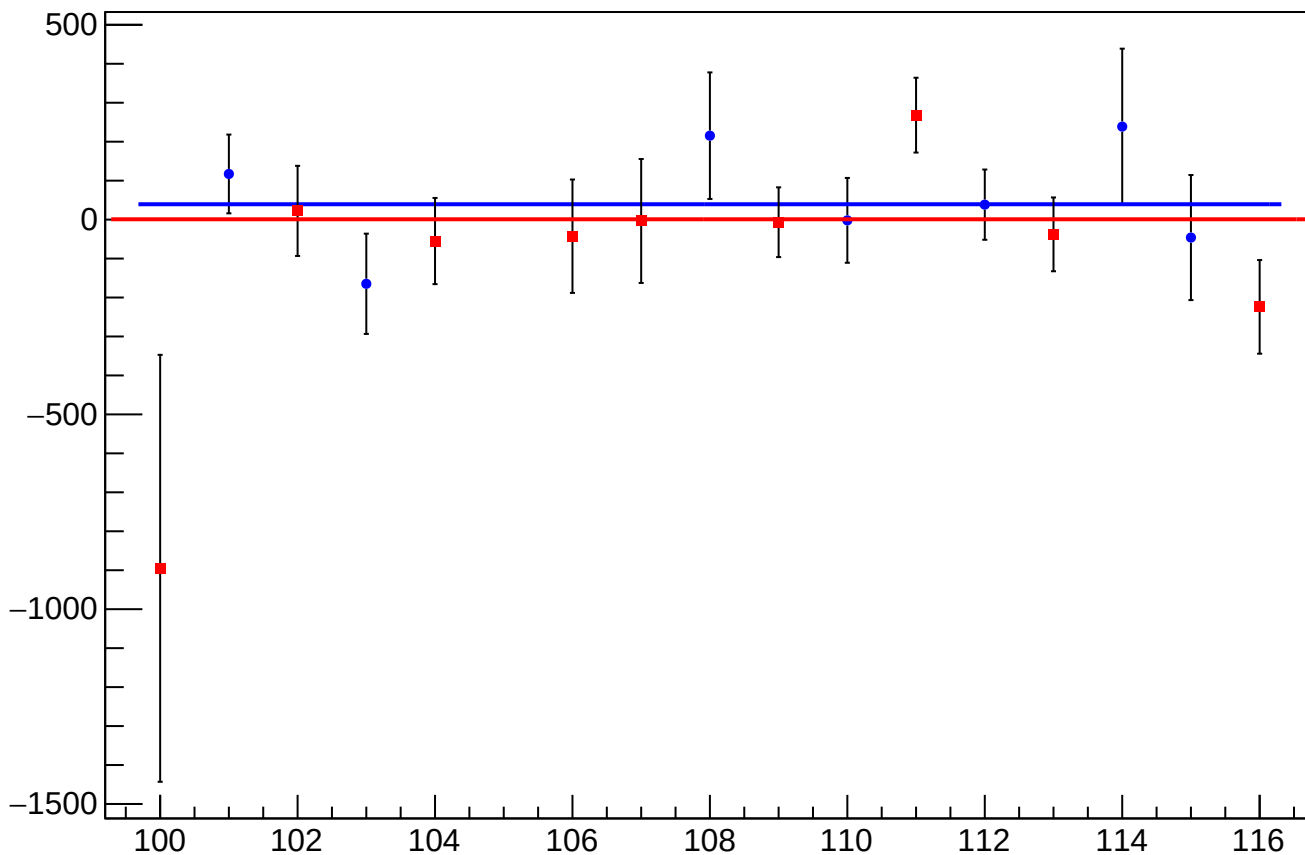
Right: 534.134+/-0.153 χ^2/NDF : 283538.9/15

In: 552.688+/-0.237 χ^2/NDF : 123150.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.134+/-0.153 χ^2/NDF : 283538.9/15

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 39.415+/-46.257 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.849+/-38.910 χ^2/NDF : 14.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

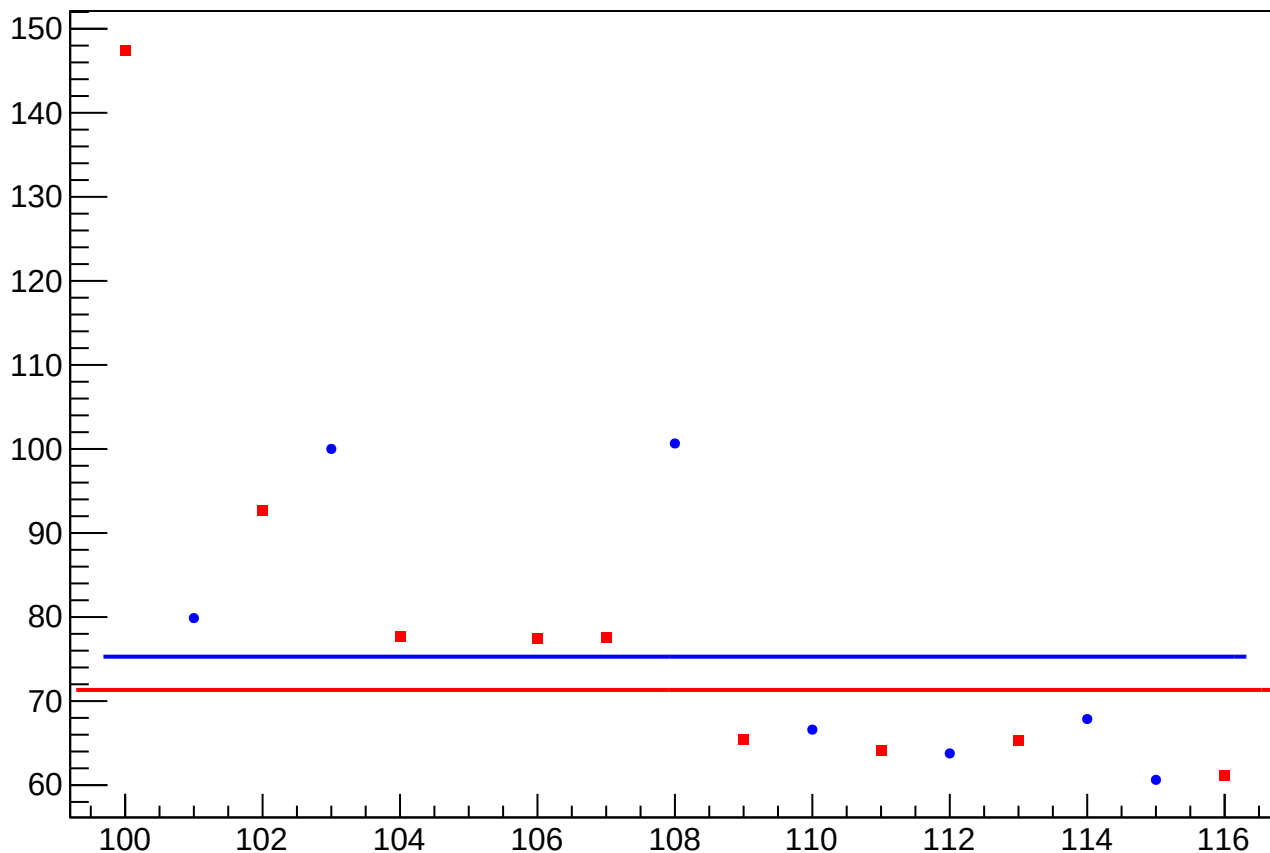
Right: 16.830+/-29.777 χ^2/NDF : 20.6/15

In: 39.415+/-46.257 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.830+/-29.777 χ^2/NDF : 20.6/15

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 75.286 $\pm$ 0.033 χ^2 /NDF: 191480.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.329 $\pm$ 0.028 χ^2 /NDF: 162427.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

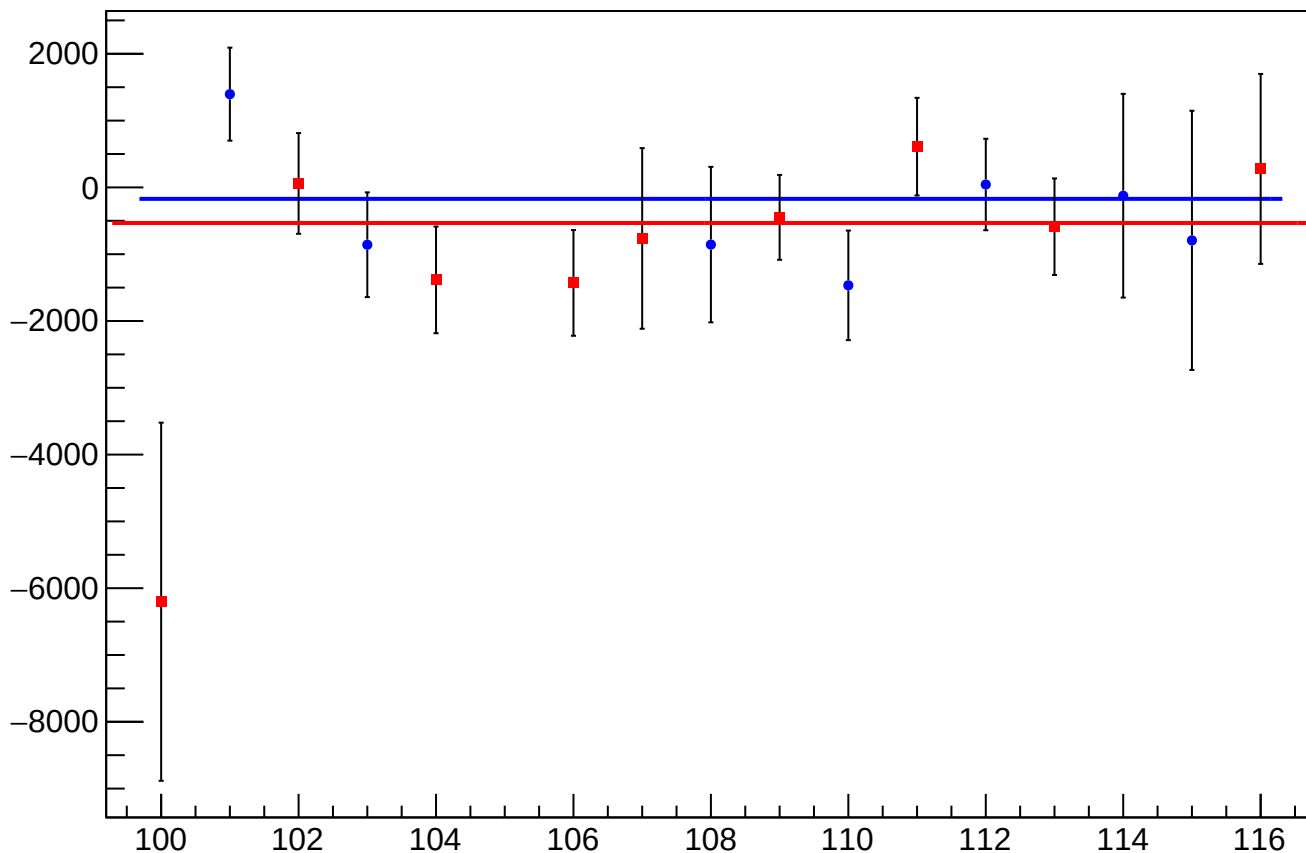
Right: 72.969 $\pm$ 0.021 χ^2 /NDF: 362477.9/15

In: 75.286 $\pm$ 0.033 χ^2 /NDF:191480.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.969 $\pm$ 0.021 χ^2 /NDF: 362477.9/15

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -171.267+/-338.132 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -532.574+/-284.320 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

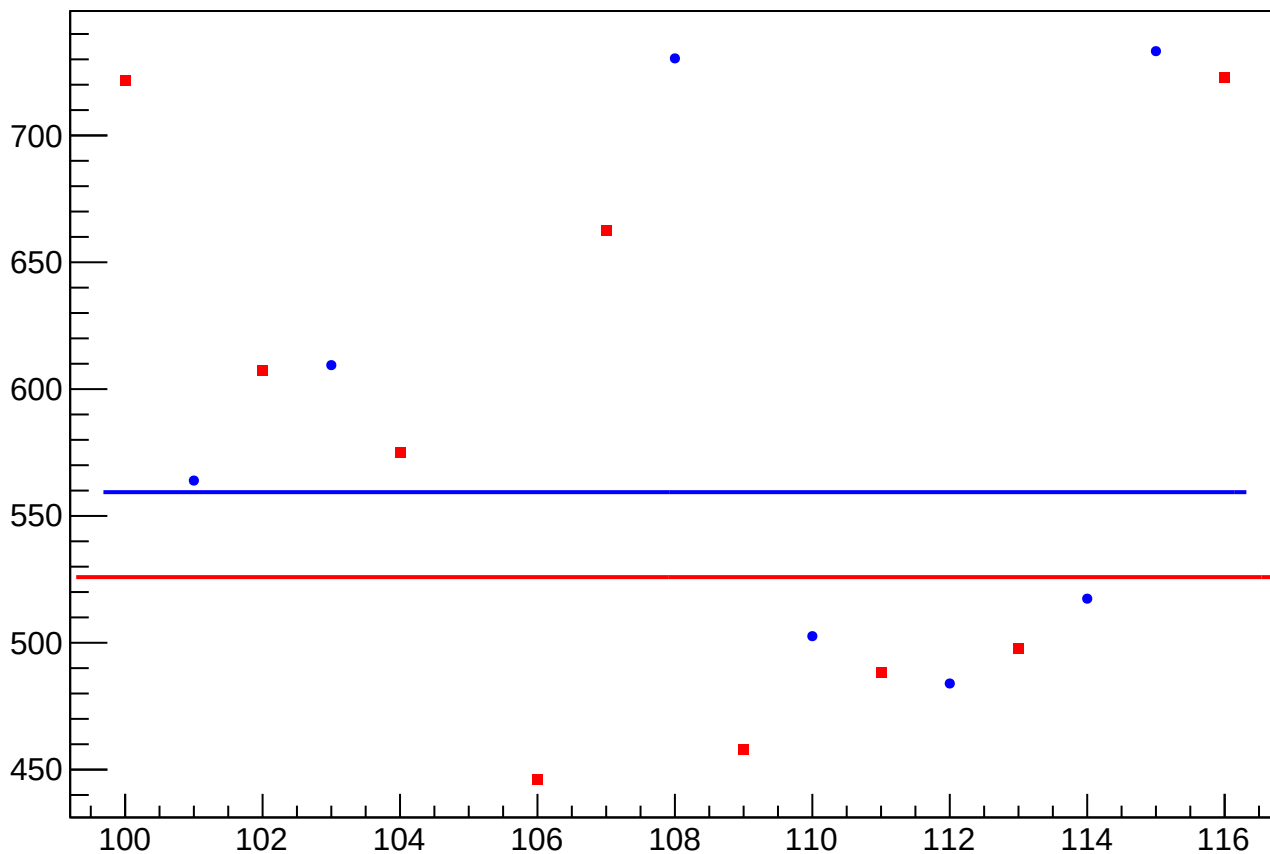
Right: -382.924+/-217.614 χ^2/NDF : 19.9/15

In: -171.267+/-338.132 χ^2/NDF :8.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -382.924+/-217.614 χ^2/NDF : 19.9/15

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 559.376+/-0.239 χ^2/NDF : 102873.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.885+/-0.201 χ^2/NDF : 151828.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

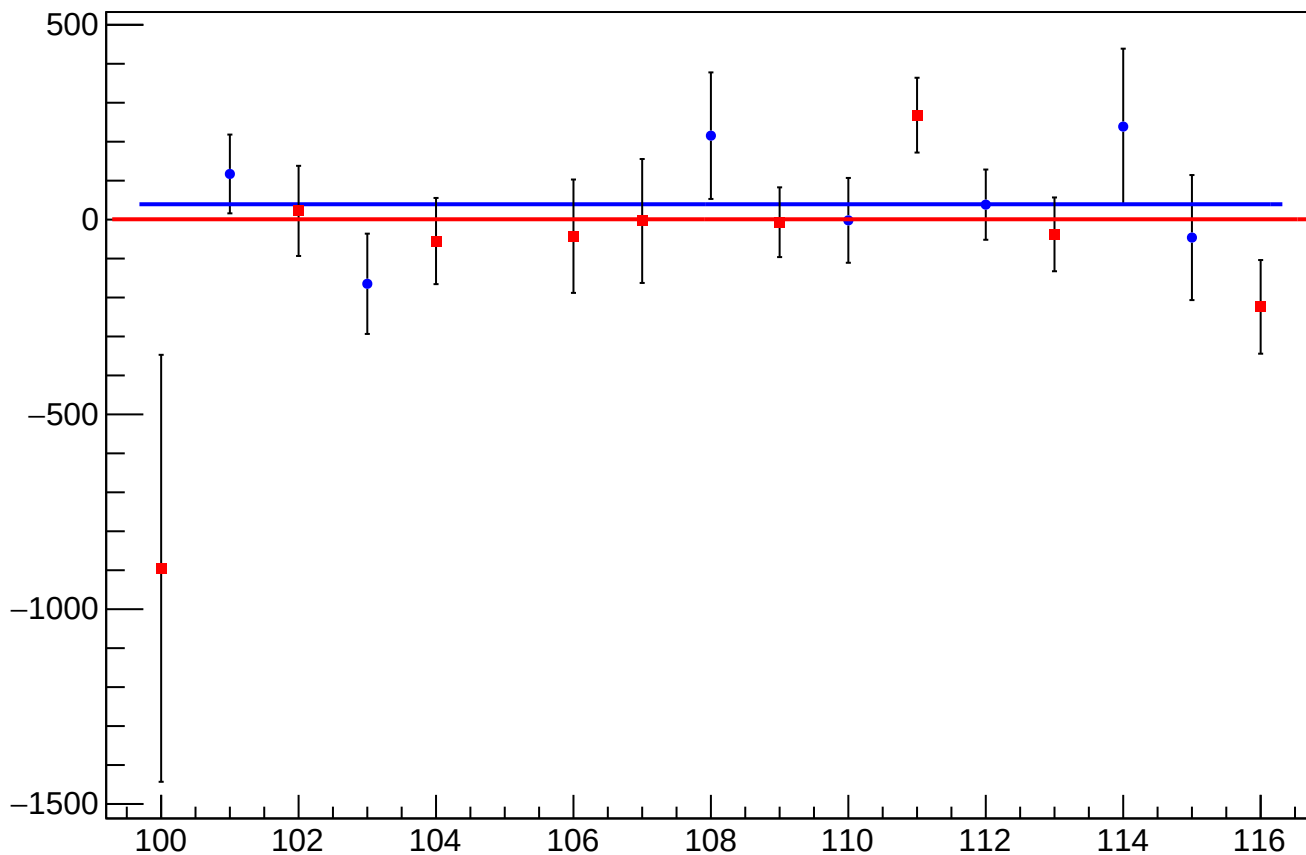
Right: 539.756+/-0.154 χ^2/NDF : 266195.7/15

In: 559.376+/-0.239 χ^2/NDF : 102873.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.756+/-0.154 χ^2/NDF : 266195.7/15

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 39.414 $\pm$ 46.257 χ^2 /NDF: 5.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.850 $\pm$ 38.910 χ^2 /NDF: 14.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

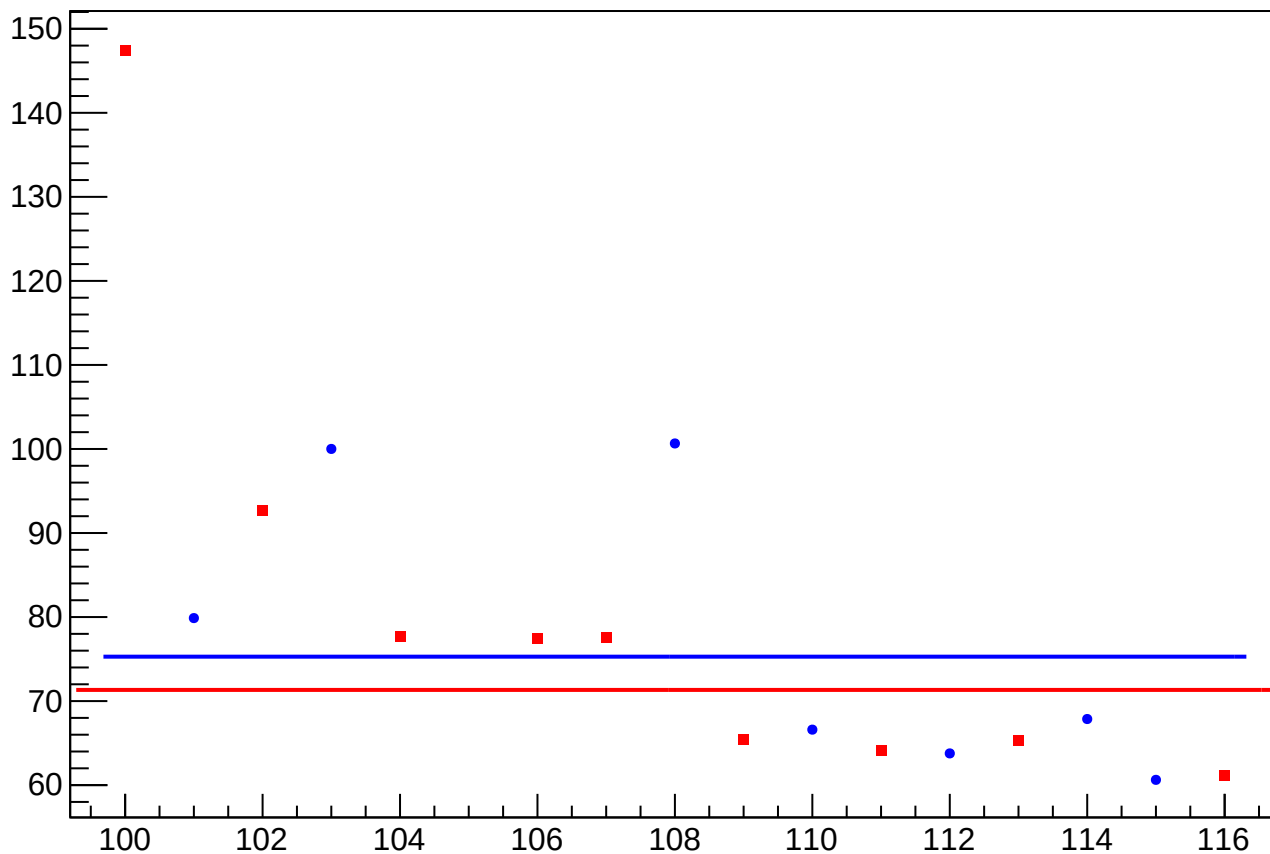
Right: 16.831 $\pm$ 29.777 χ^2 /NDF: 20.6/15

In: 39.414 $\pm$ 46.257 χ^2 /NDF:5.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.831 $\pm$ 29.777 χ^2 /NDF: 20.6/15

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 75.286+/-0.033 χ^2/NDF : 191483.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.329+/-0.028 χ^2/NDF : 162428.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

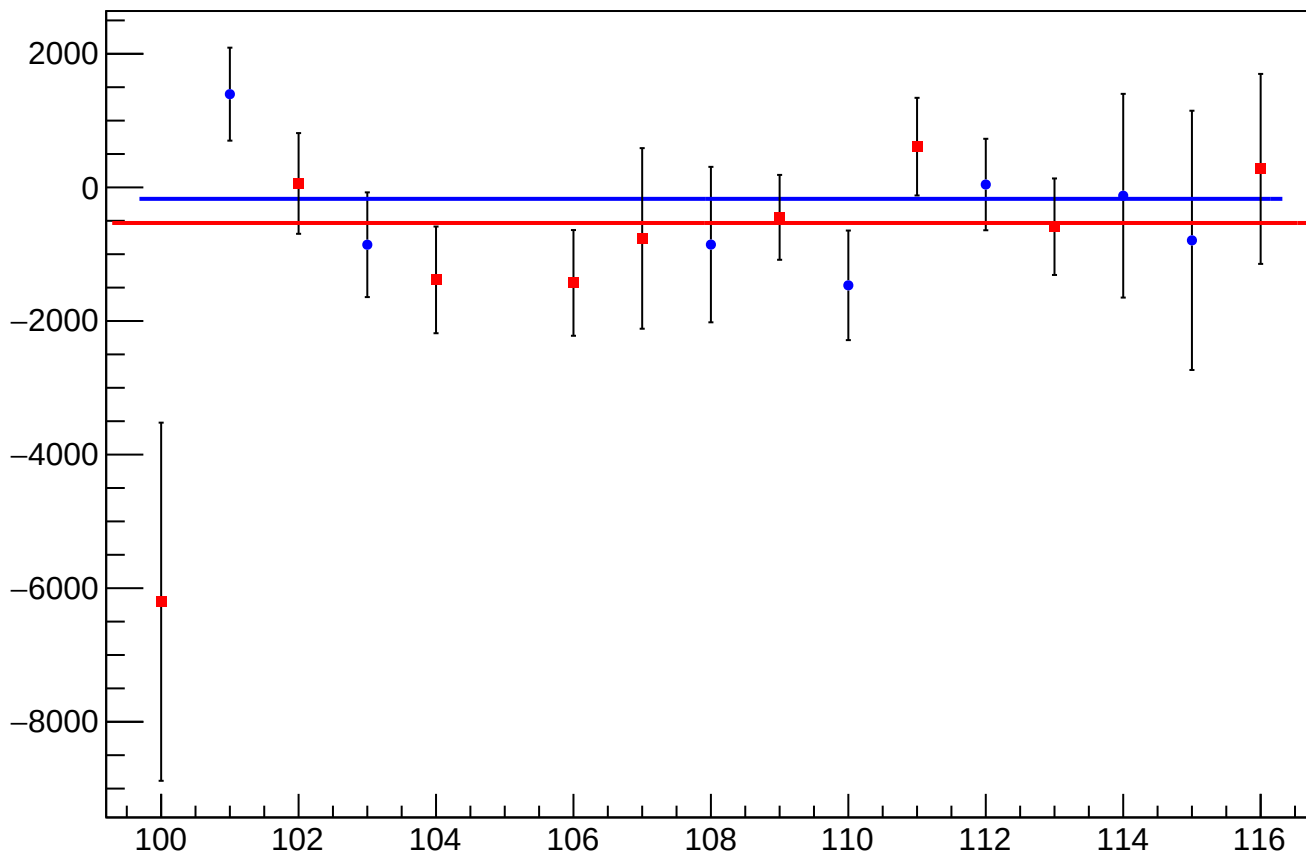
Right: 72.969+/-0.021 χ^2/NDF : 362481.8/15

In: 75.286+/-0.033 χ^2/NDF : 191483.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.969+/-0.021 χ^2/NDF : 362481.8/15

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -171.267+/-338.132 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -532.573+/-284.320 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

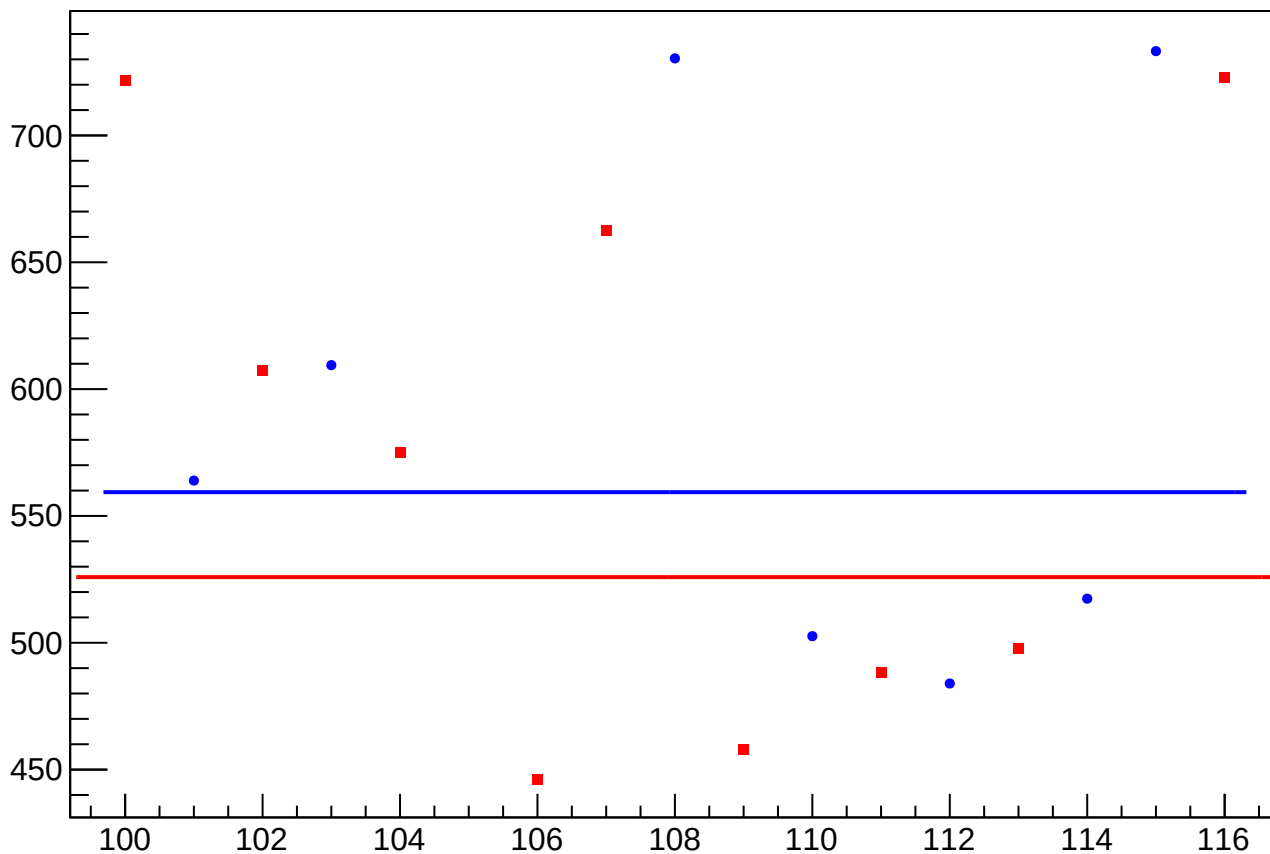
Right: -382.923+/-217.614 χ^2/NDF : 19.9/15

In: -171.267+/-338.132 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.923+/-217.614 χ^2/NDF : 19.9/15

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 559.375+/-0.239 χ^2/NDF : 102874.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.884+/-0.201 χ^2/NDF : 151829.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

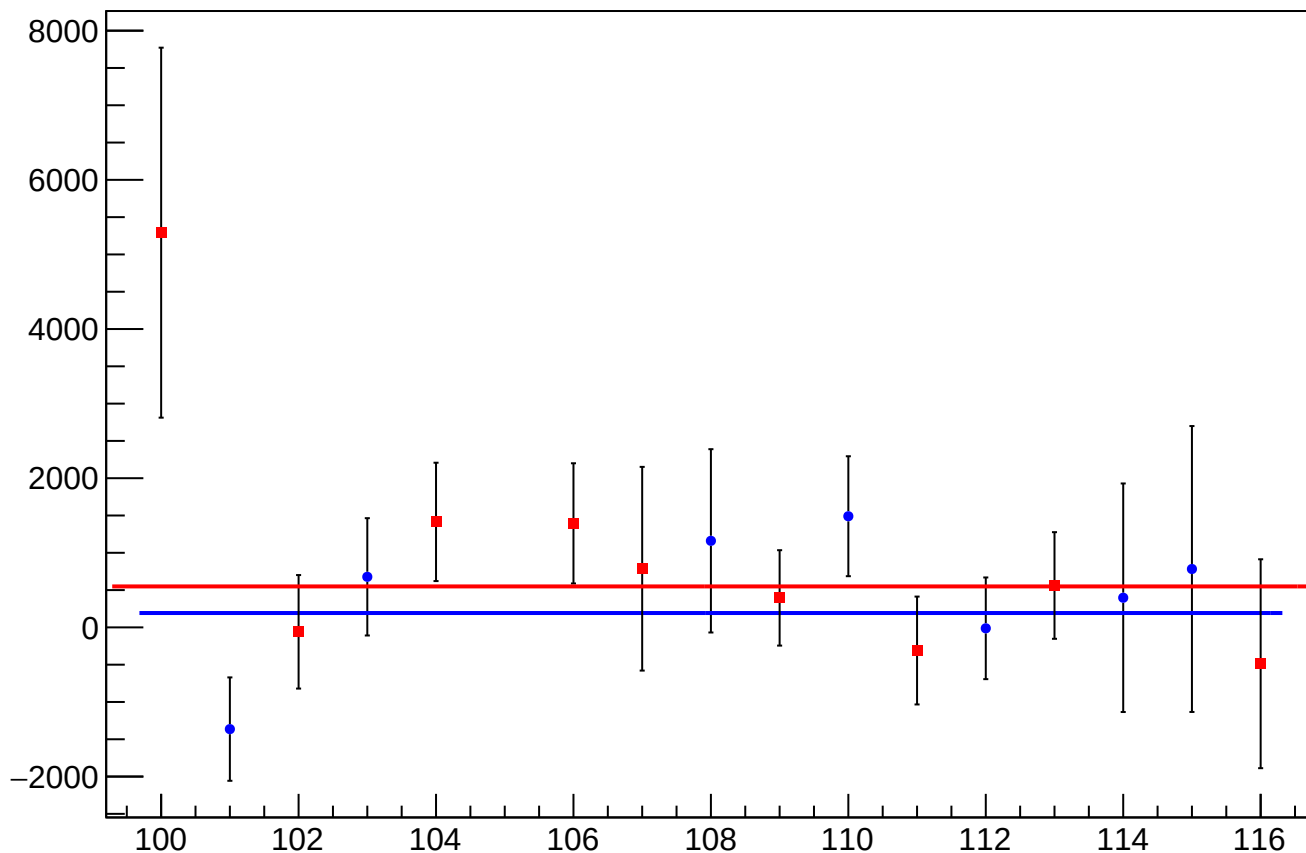
Right: 539.756+/-0.154 χ^2/NDF : 266197.6/15

In: 559.375+/-0.239 χ^2/NDF : 102874.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.756+/-0.154 χ^2/NDF : 266197.6/15

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 192.567+/-337.899 χ^2/NDF : 8.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.179+/-284.219 χ^2/NDF : 8.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

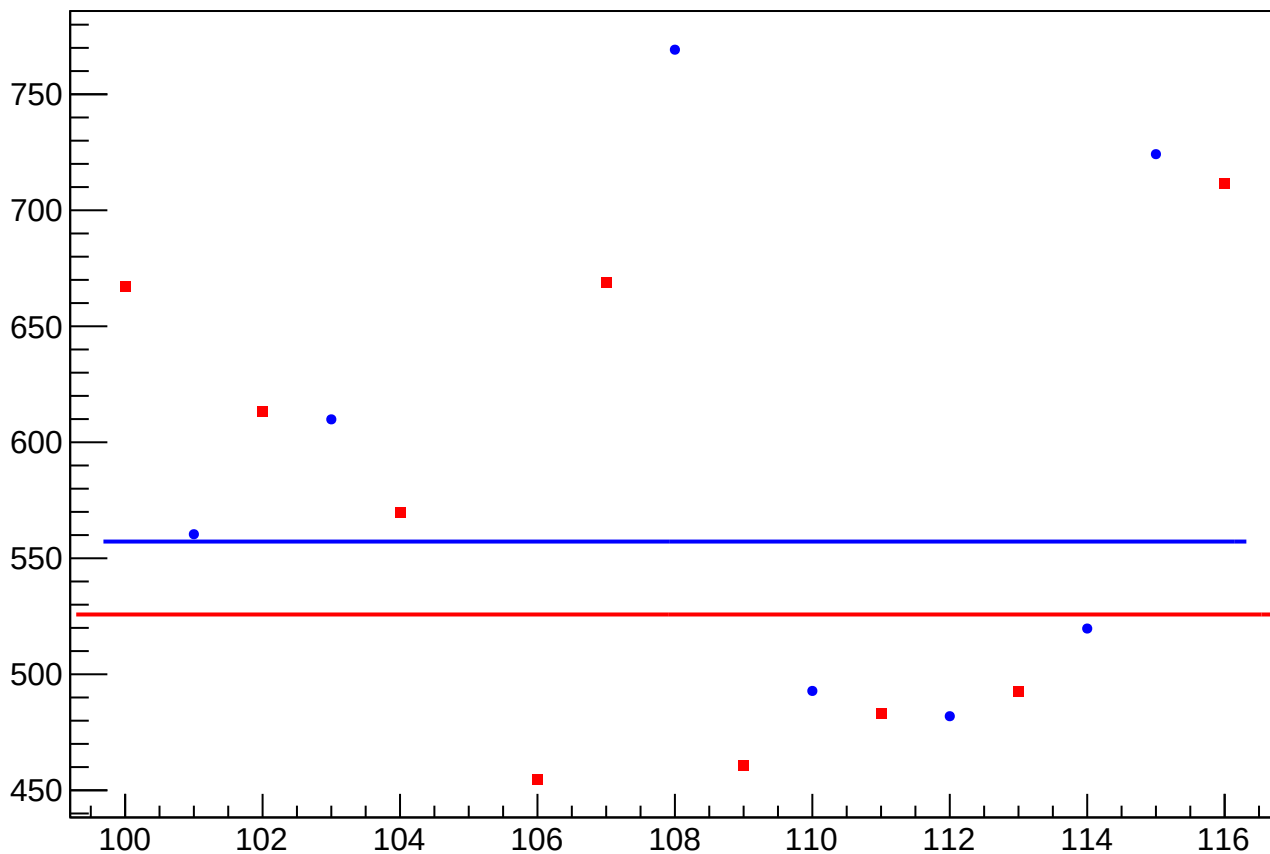
Right: 401.416+/-217.506 χ^2/NDF : 18.1/15

In: 192.567+/-337.899 χ^2/NDF : 8.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.416+/-217.506 χ^2/NDF : 18.1/15

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 557.212 $\pm$ 0.239 χ^2 /NDF: 122144.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 525.775 $\pm$ 0.201 χ^2 /NDF: 143767.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

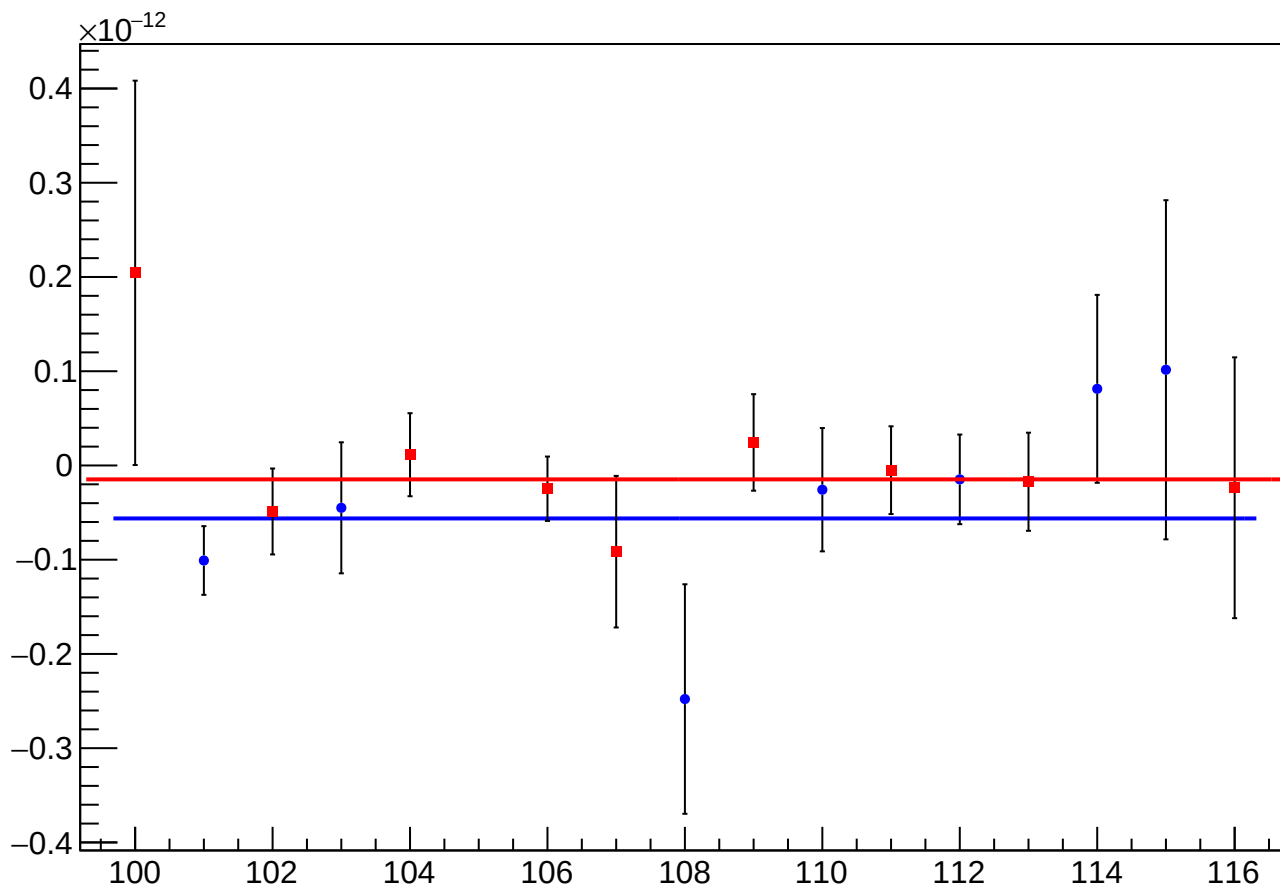
Right: 538.801 $\pm$ 0.154 χ^2 /NDF: 276050.9/15

In: 557.212 $\pm$ 0.239 χ^2 /NDF:122144.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 538.801 $\pm$ 0.154 χ^2 /NDF: 276050.9/15

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

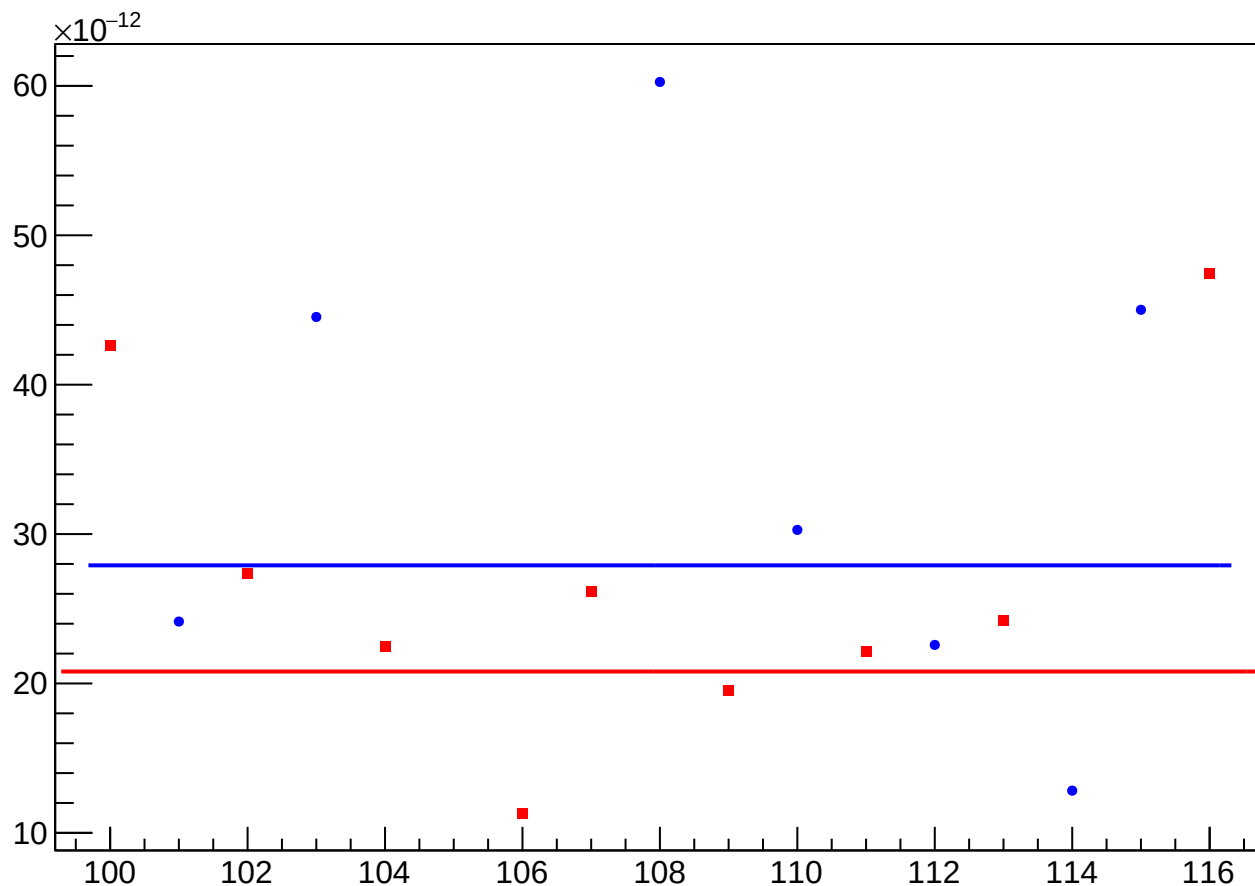
Right: -0.000+/-0.000 χ^2/NDF : 13.4/15

In: -0.000+/-0.000 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.4/15

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 368468.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 316635.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

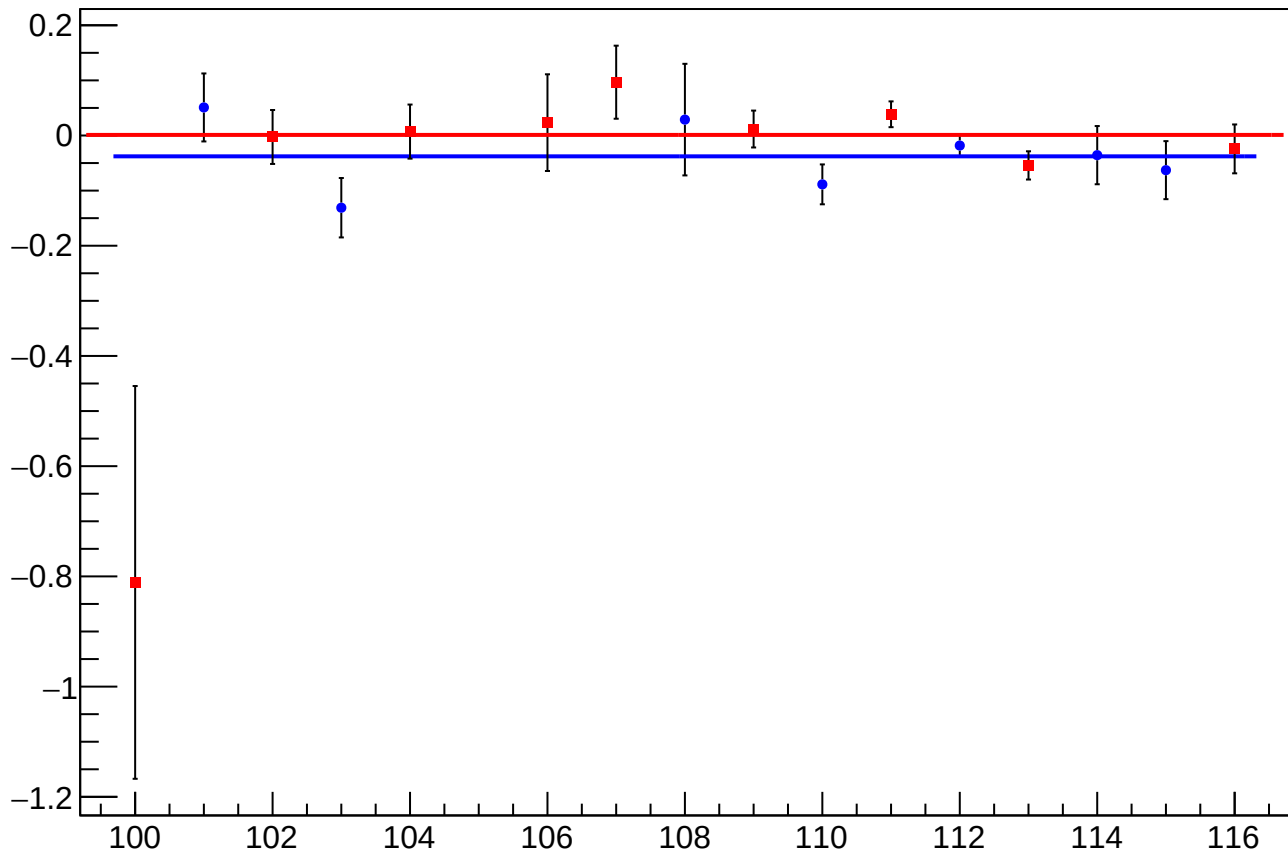
Right: 0.000+/-0.000 χ^2/NDF : 804133.5/15

In: 0.000+/-0.000 χ^2/NDF : 368468.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 804133.5/15

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.015 χ^2 /NDF: 8.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.013 χ^2 /NDF: 15.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

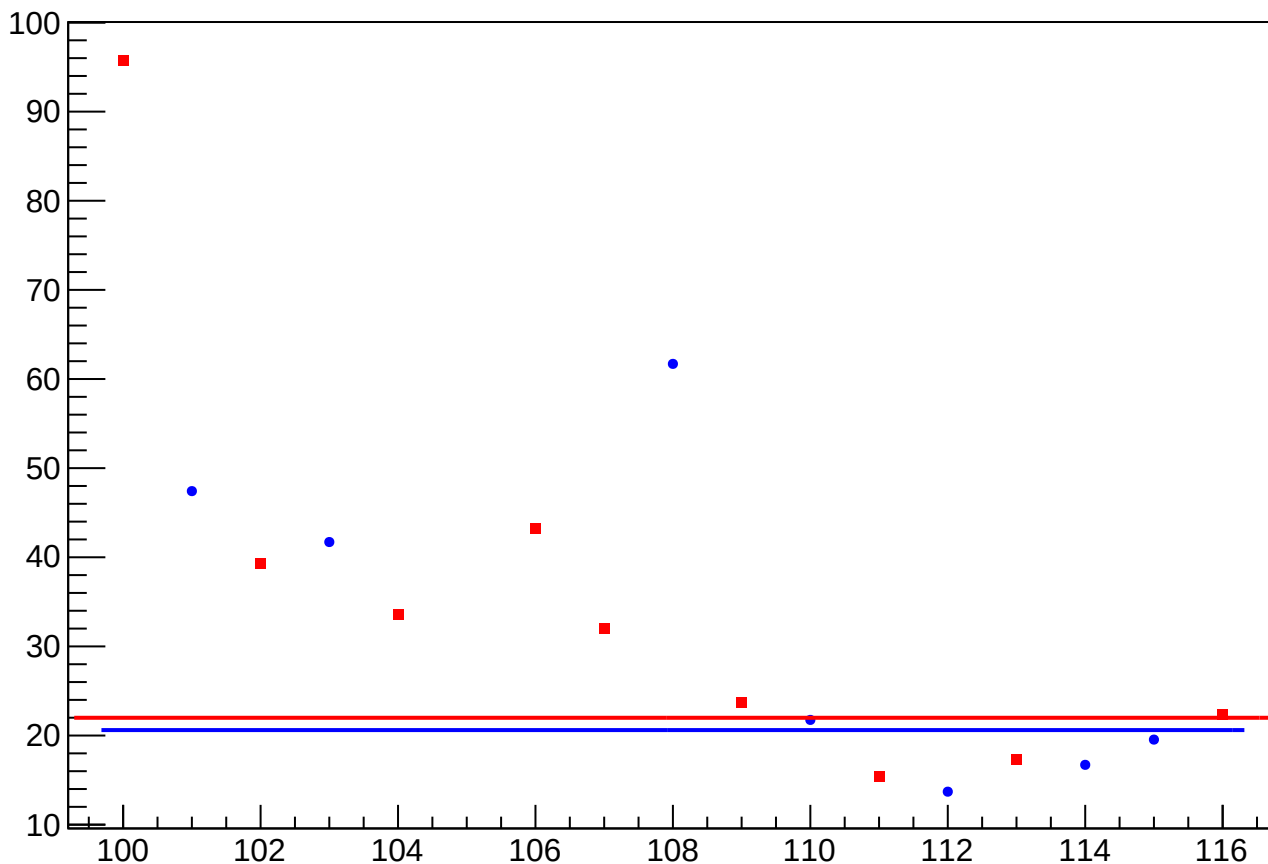
Right: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

In: -0.038 $\pm$ 0.015 χ^2 /NDF:8.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.612 $\pm$ 0.010 χ^2 /NDF: 1267954.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.993 $\pm$ 0.009 χ^2 /NDF: 841502.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

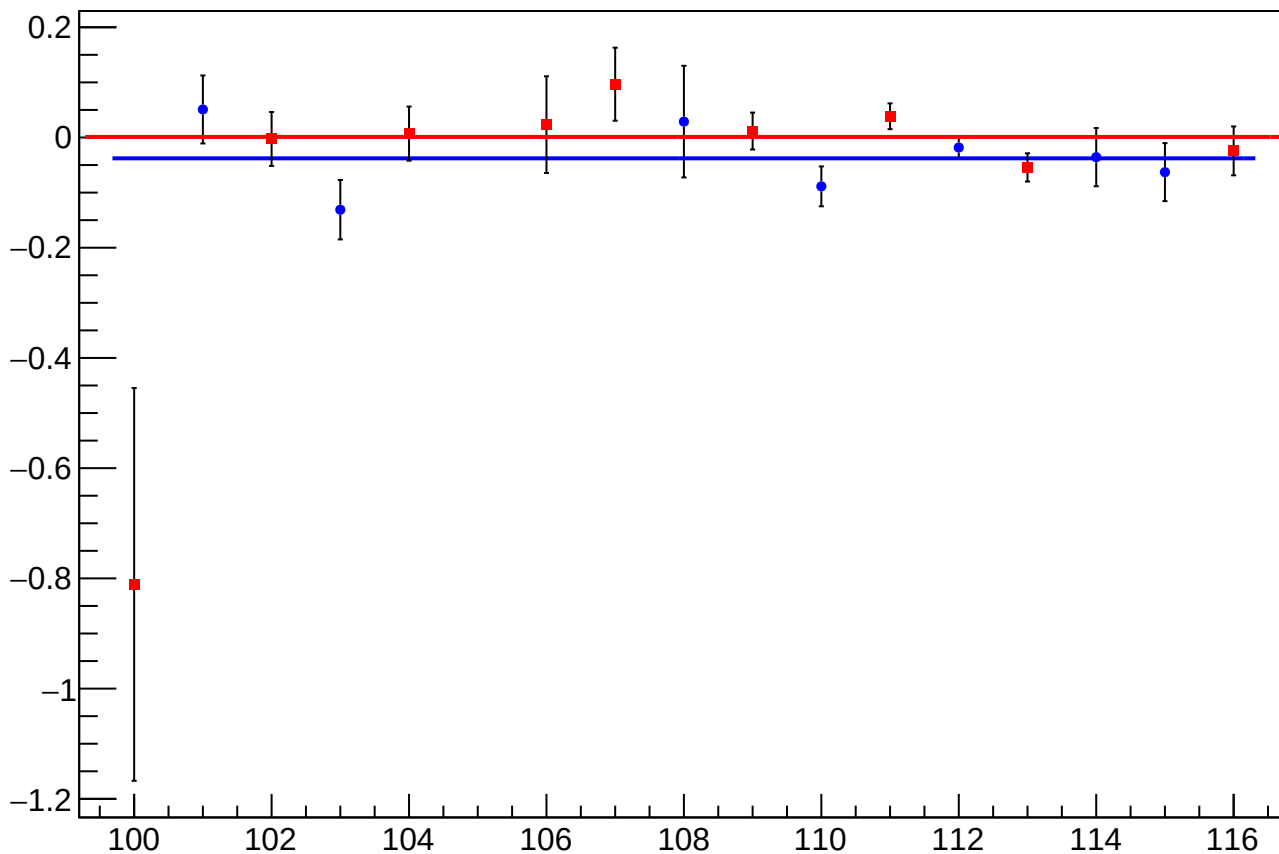
Right: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119480.8/15

In: 20.612 $\pm$ 0.010 χ^2 /NDF: 1267954.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119480.8/15

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.015 χ^2 /NDF: 8.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.013 χ^2 /NDF: 15.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

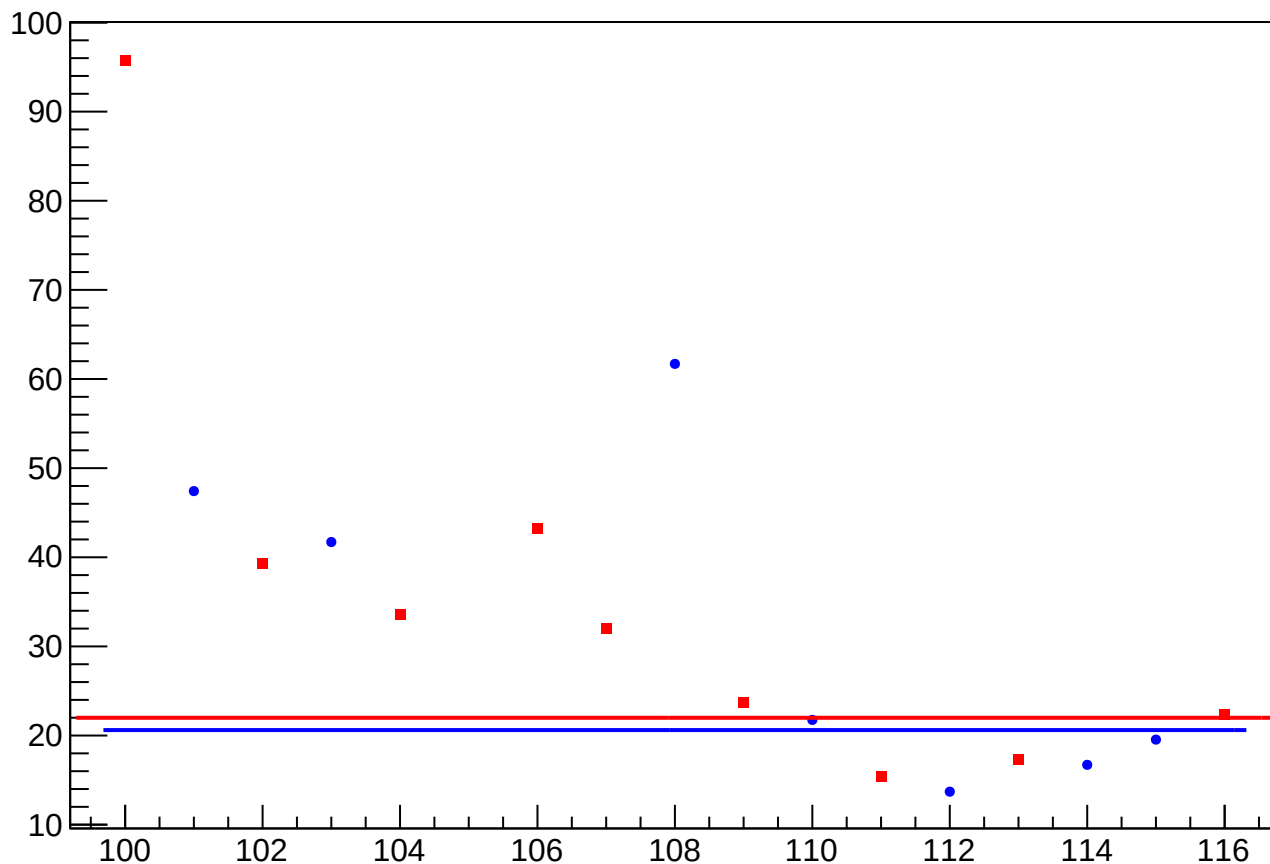
Right: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

In: -0.038 $\pm$ 0.015 χ^2 /NDF:8.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.612 $\pm$ 0.010 χ^2 /NDF: 1267954.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.993 $\pm$ 0.009 χ^2 /NDF: 841502.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

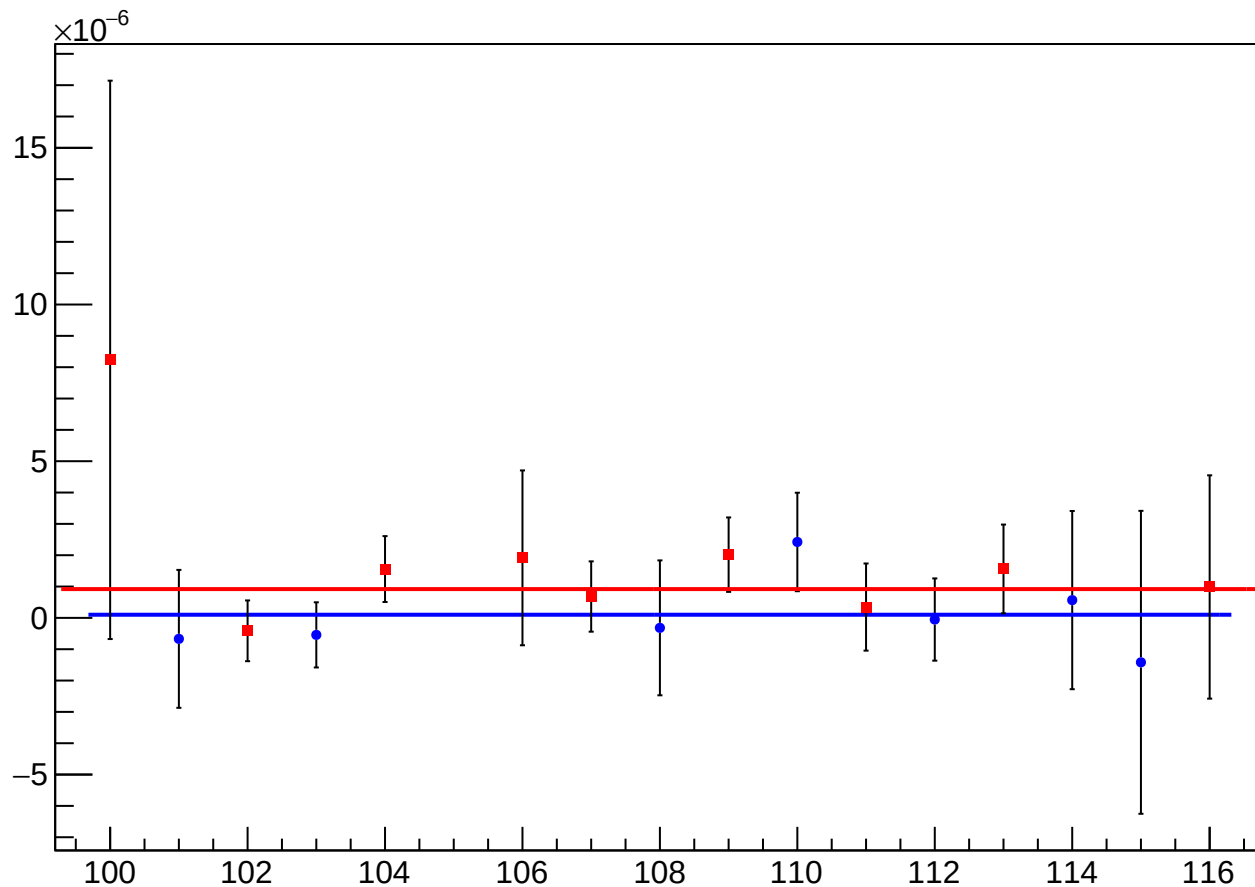
Right: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119480.8/15

In: 20.612 $\pm$ 0.010 χ^2 /NDF: 1267954.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119480.8/15

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

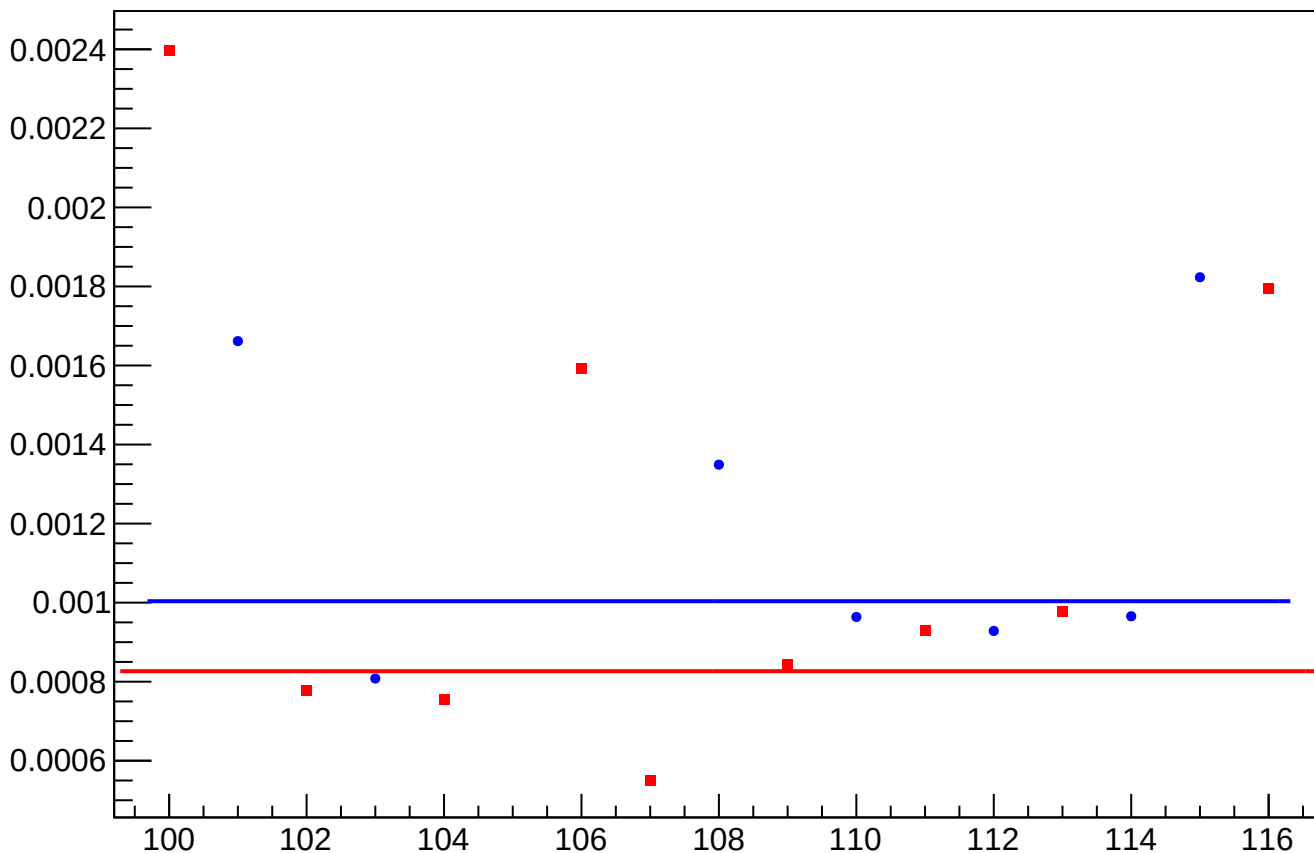
Right: 0.000+/-0.000 χ^2/NDF : 8.3/15

In: 0.000+/-0.000 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/15

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 366903.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 529978.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

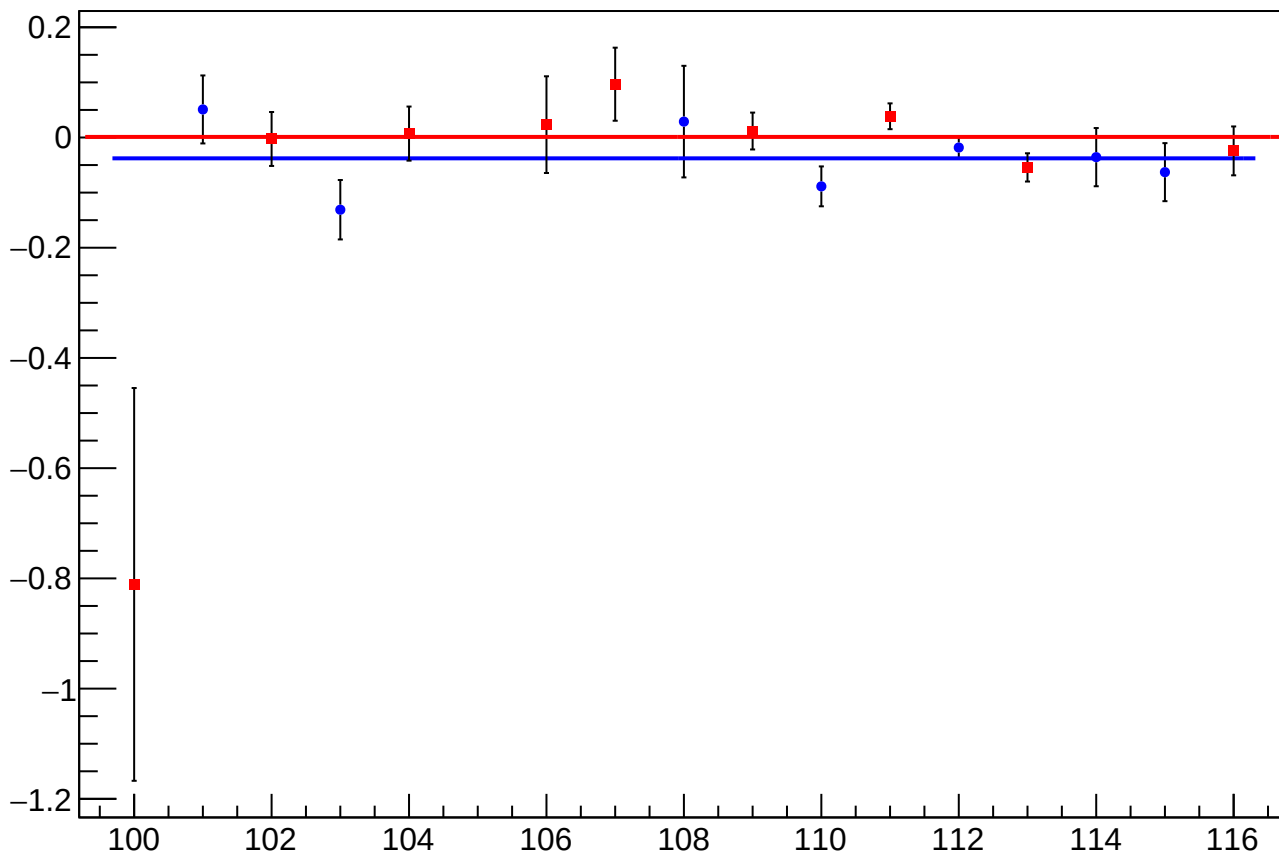
Right: 0.001+/-0.000 χ^2/NDF : 999307.3/15

In: 0.001+/-0.000 χ^2/NDF : 366903.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 999307.3/15

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.015 χ^2 /NDF: 8.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.013 χ^2 /NDF: 15.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

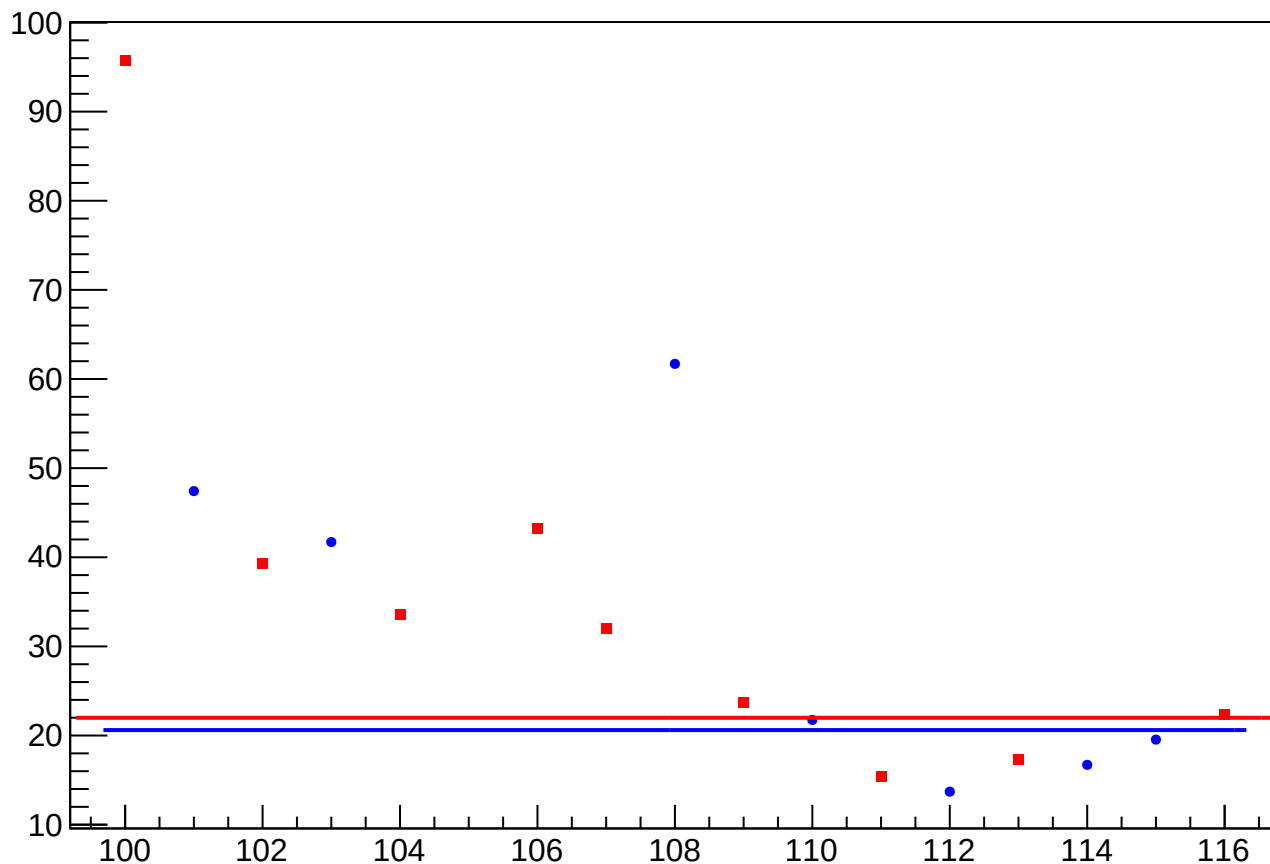
Right: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

In: -0.038 $\pm$ 0.015 χ^2 /NDF:8.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.612 $\pm$ 0.010 χ^2 /NDF: 1267988.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.993 $\pm$ 0.009 χ^2 /NDF: 841551.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

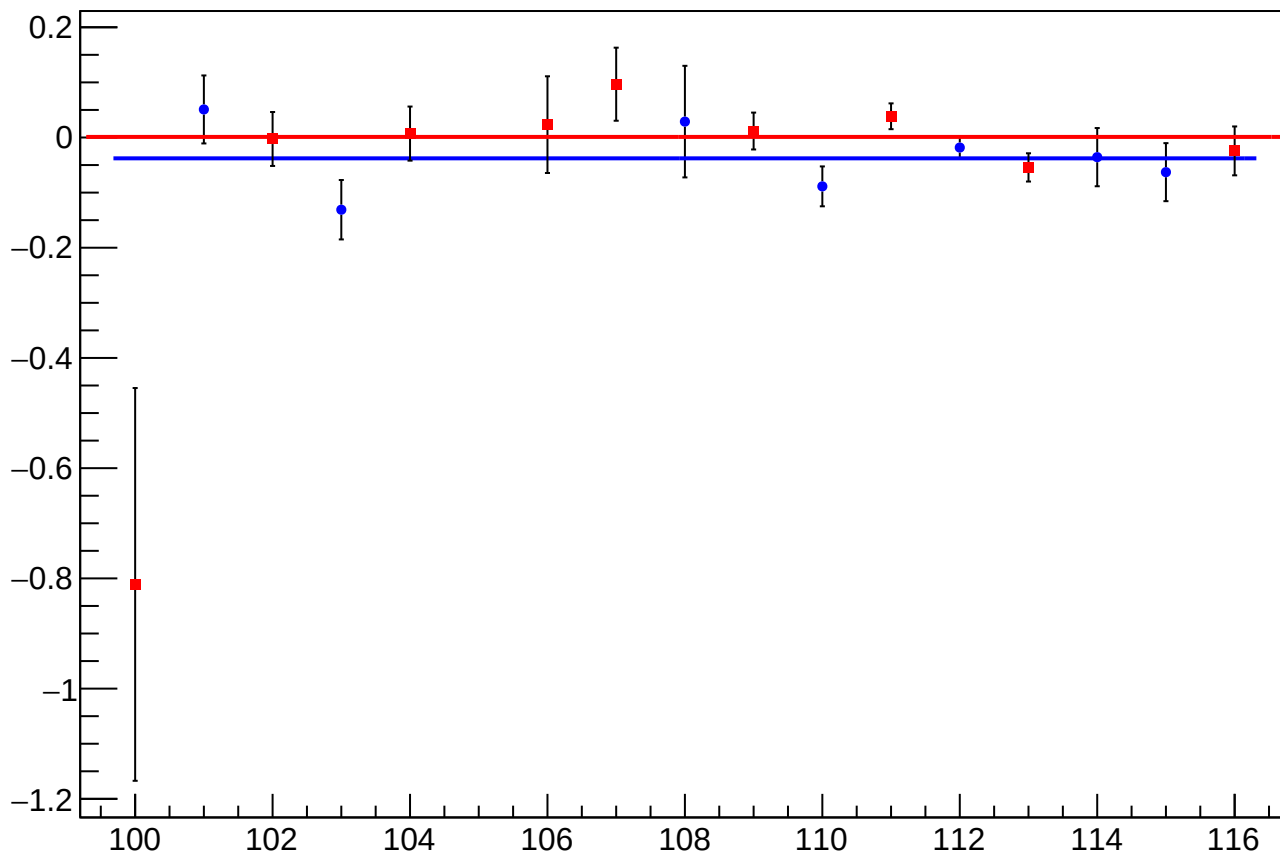
Right: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119563.1/15

In: 20.612 $\pm$ 0.010 χ^2 /NDF:1267988.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119563.1/15

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.015 χ^2 /NDF: 8.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.013 χ^2 /NDF: 15.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

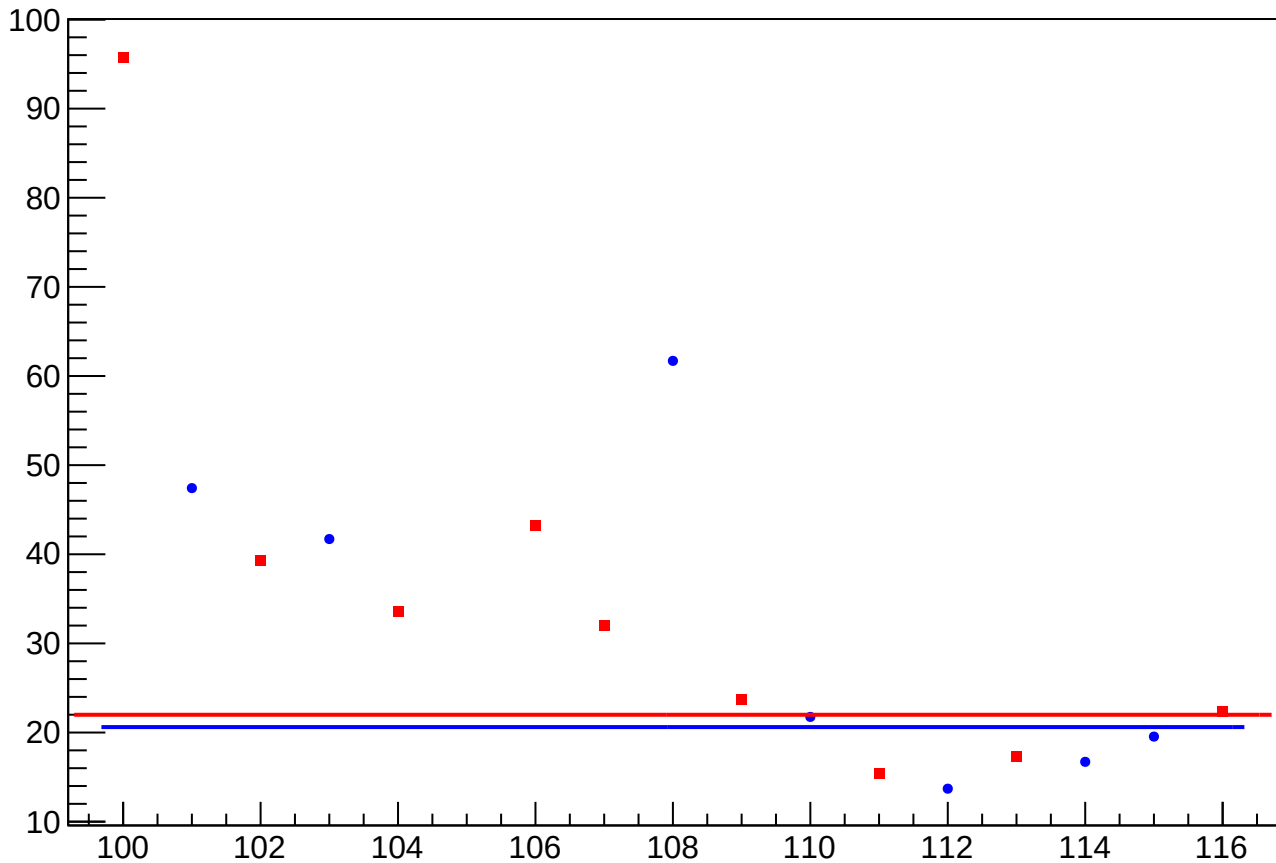
Right: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

In: -0.038 $\pm$ 0.015 χ^2 /NDF:8.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 27.6/15

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.612 $\pm$ 0.010 χ^2 /NDF: 1267988.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.993 $\pm$ 0.009 χ^2 /NDF: 841551.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

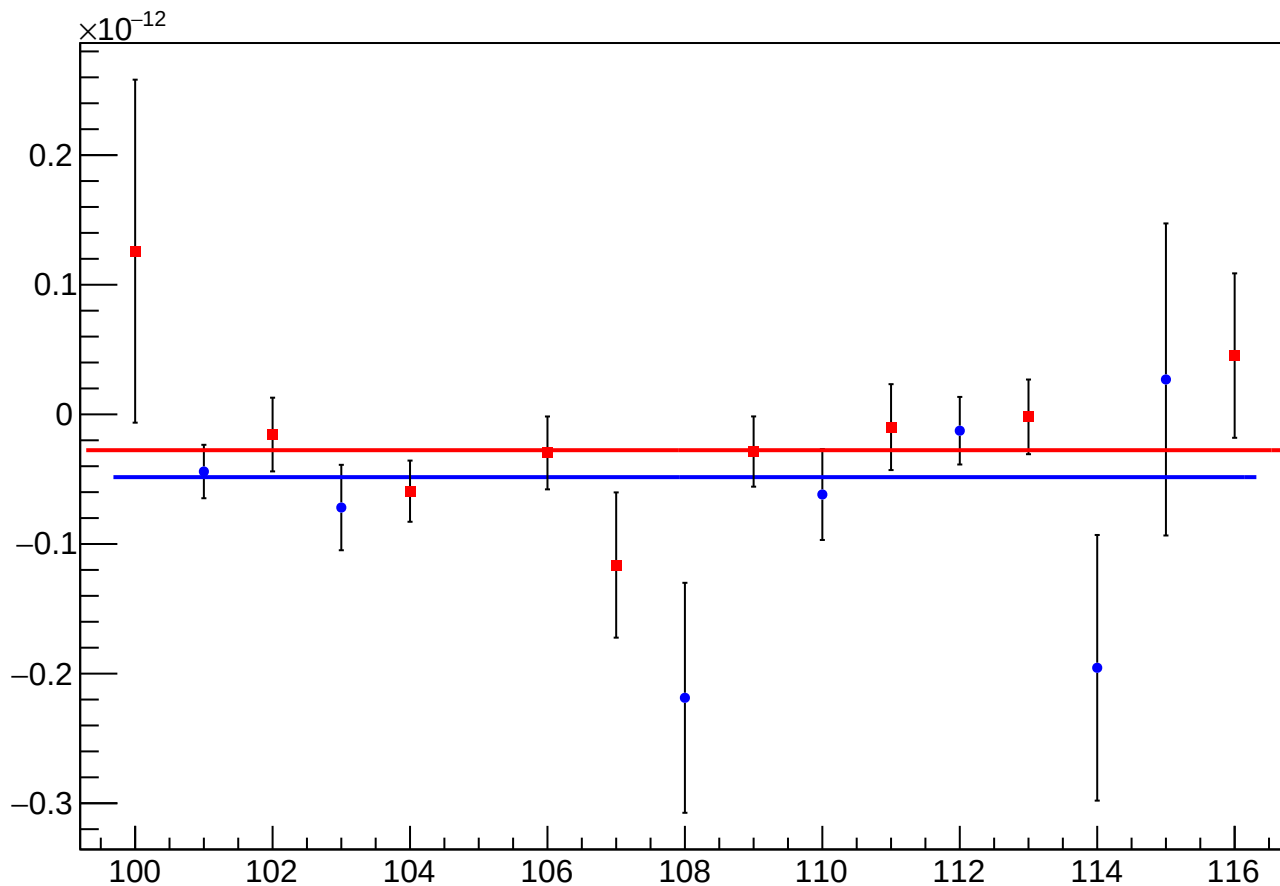
Right: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119563.1/15

In: 20.612 $\pm$ 0.010 χ^2 /NDF:1267988.0/6

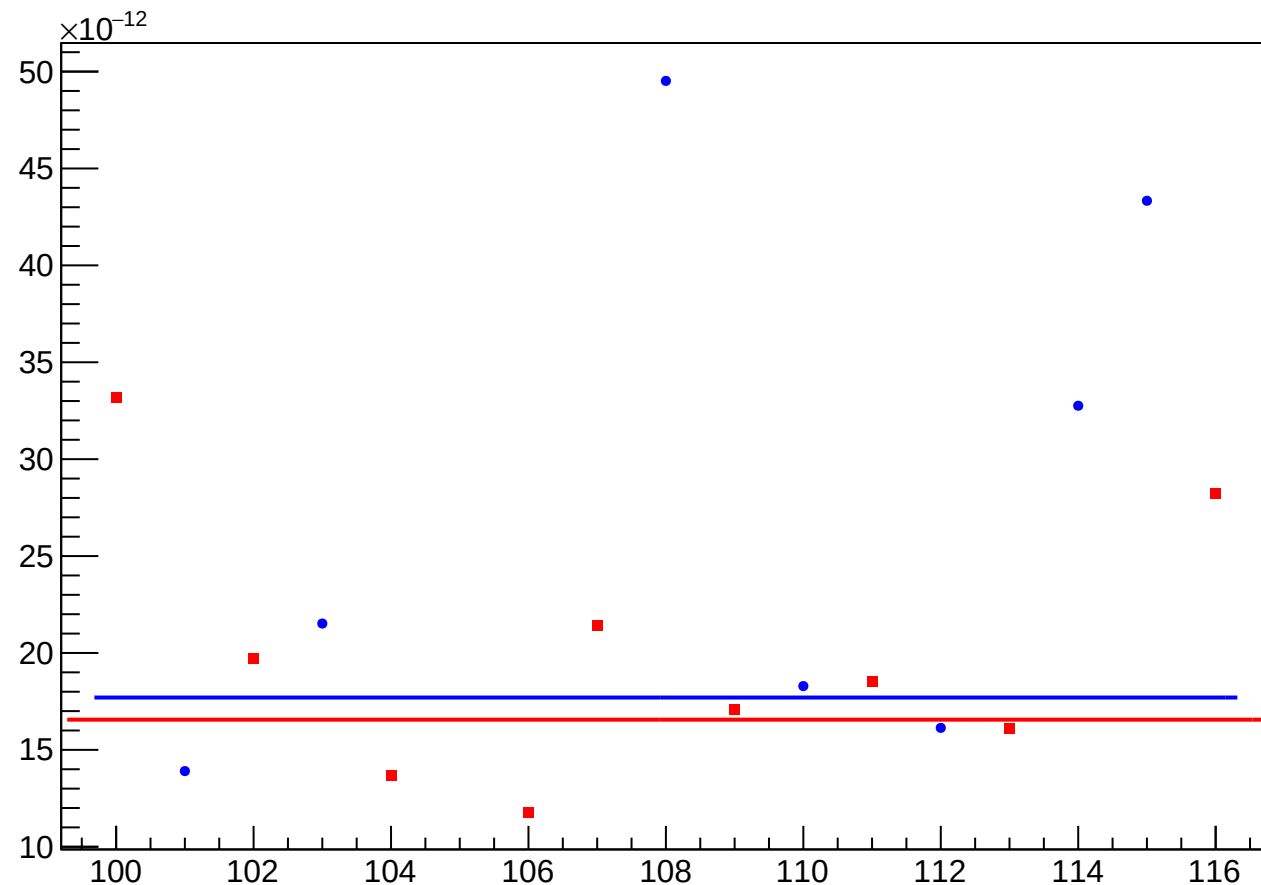
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.383 $\pm$ 0.007 χ^2 /NDF: 2119563.1/15

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 493713.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 234285.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

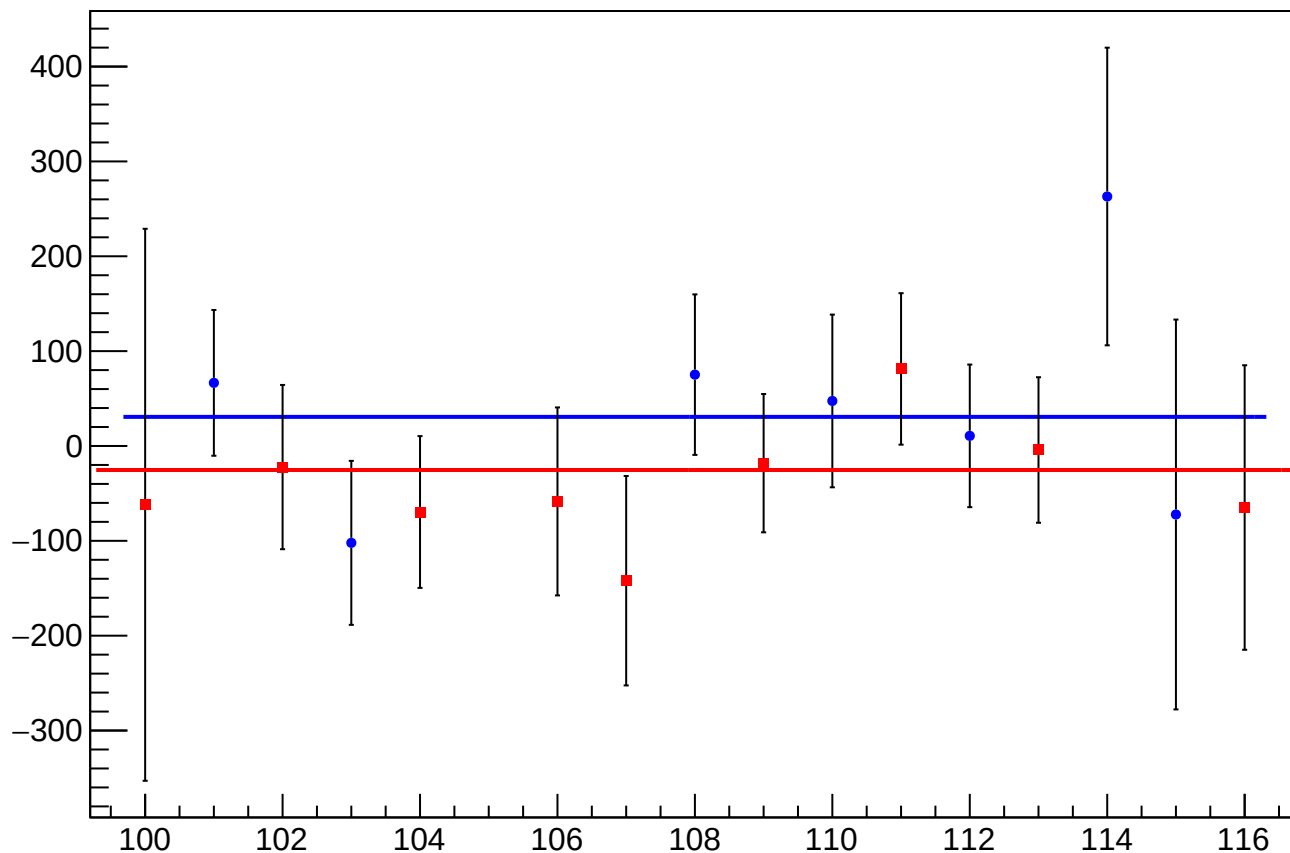
Right: 0.000+/-0.000 χ^2/NDF : 736992.8/15

In: 0.000+/-0.000 χ^2/NDF : 493713.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 736992.8/15

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 30.689+/-35.252 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.320+/-30.941 χ^2/NDF : 3.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

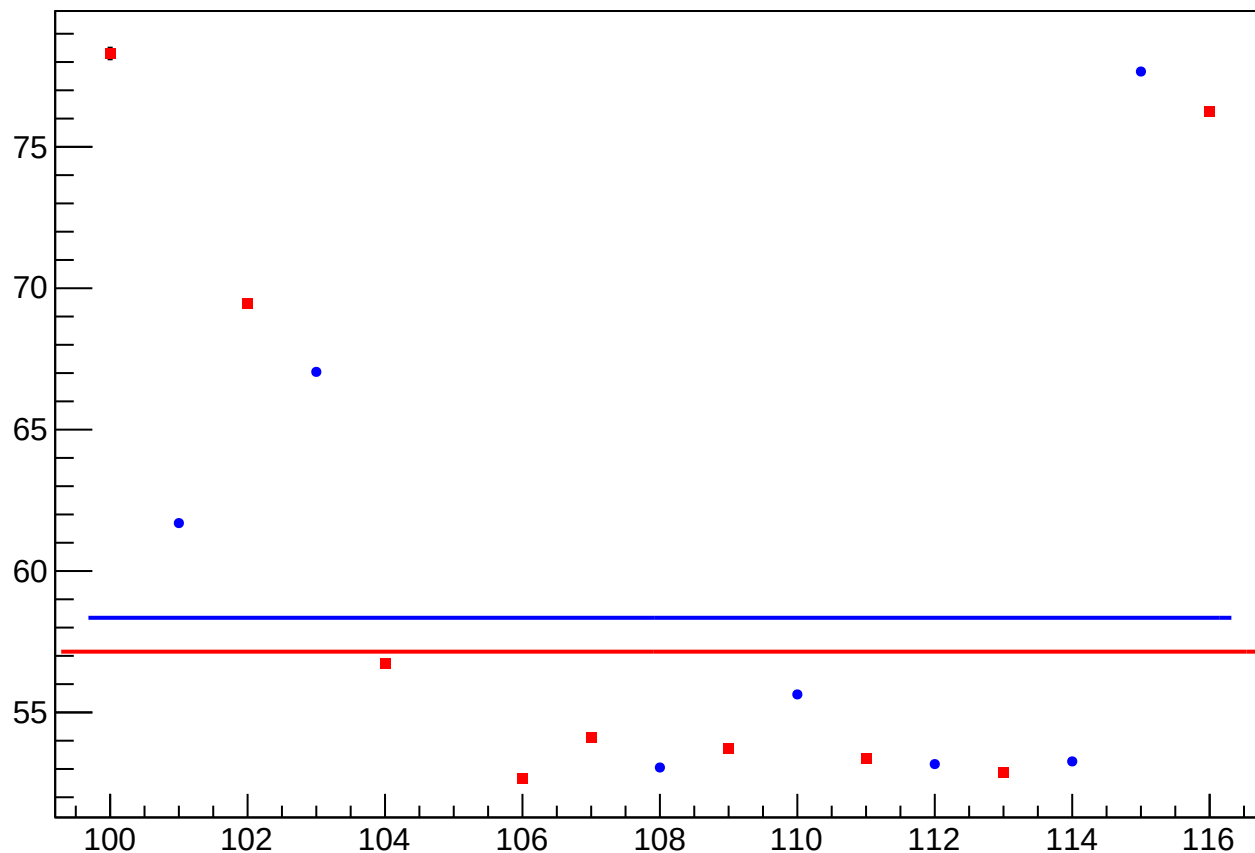
Right: -0.948+/-23.254 χ^2/NDF : 10.3/15

In: 30.689+/-35.252 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.948+/-23.254 χ^2/NDF : 10.3/15

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.346+/-0.025 χ^2/NDF : 62877.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.149+/-0.022 χ^2/NDF : 104175.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

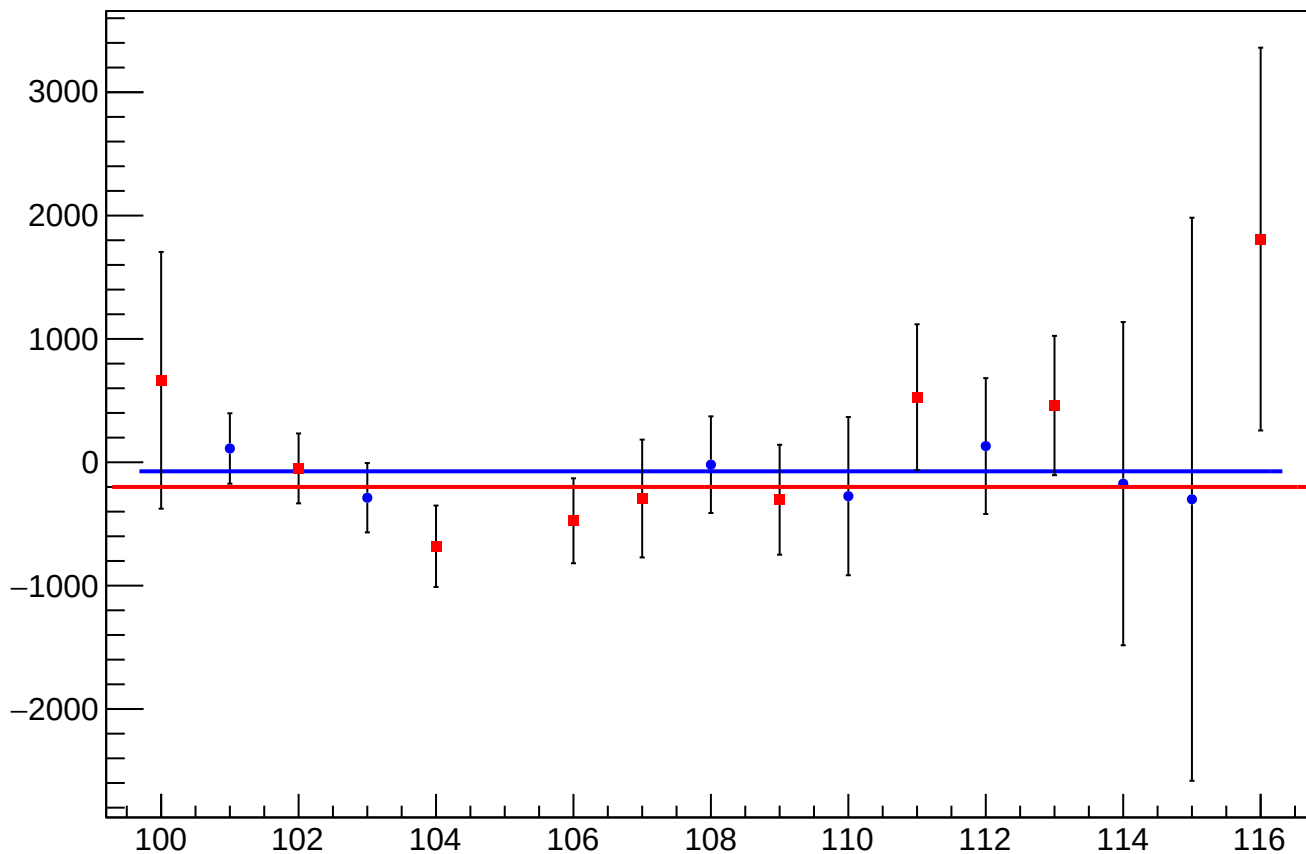
Right: 57.670+/-0.016 χ^2/NDF : 168357.4/15

In: 58.346+/-0.025 χ^2/NDF : 62877.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.670+/-0.016 χ^2/NDF : 168357.4/15

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -73.200 $\pm$ 162.317 χ^2 /NDF: 1.3/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -199.930 $\pm$ -146.138 χ^2 /NDF: 8.4/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

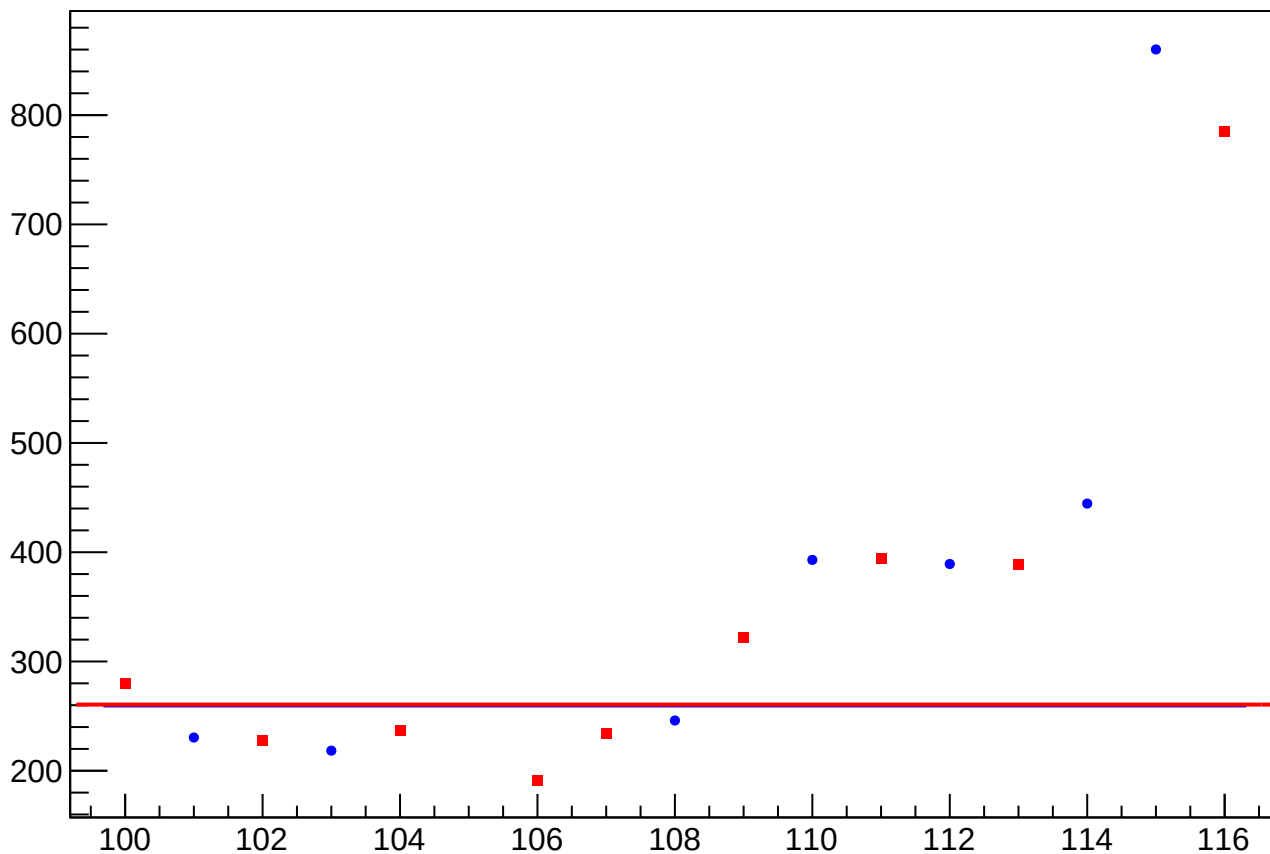
Right: -143.194 $\pm$ -108.606 χ^2 /NDF: 10.0/15

In: -73.200 $\pm$ -162.317 χ^2 /NDF:1.3/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -143.194 $\pm$ -108.606 χ^2 /NDF: 10.0/15

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 259.758+/-0.115 χ^2/NDF : 441868.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.553+/-0.103 χ^2/NDF : 596968.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

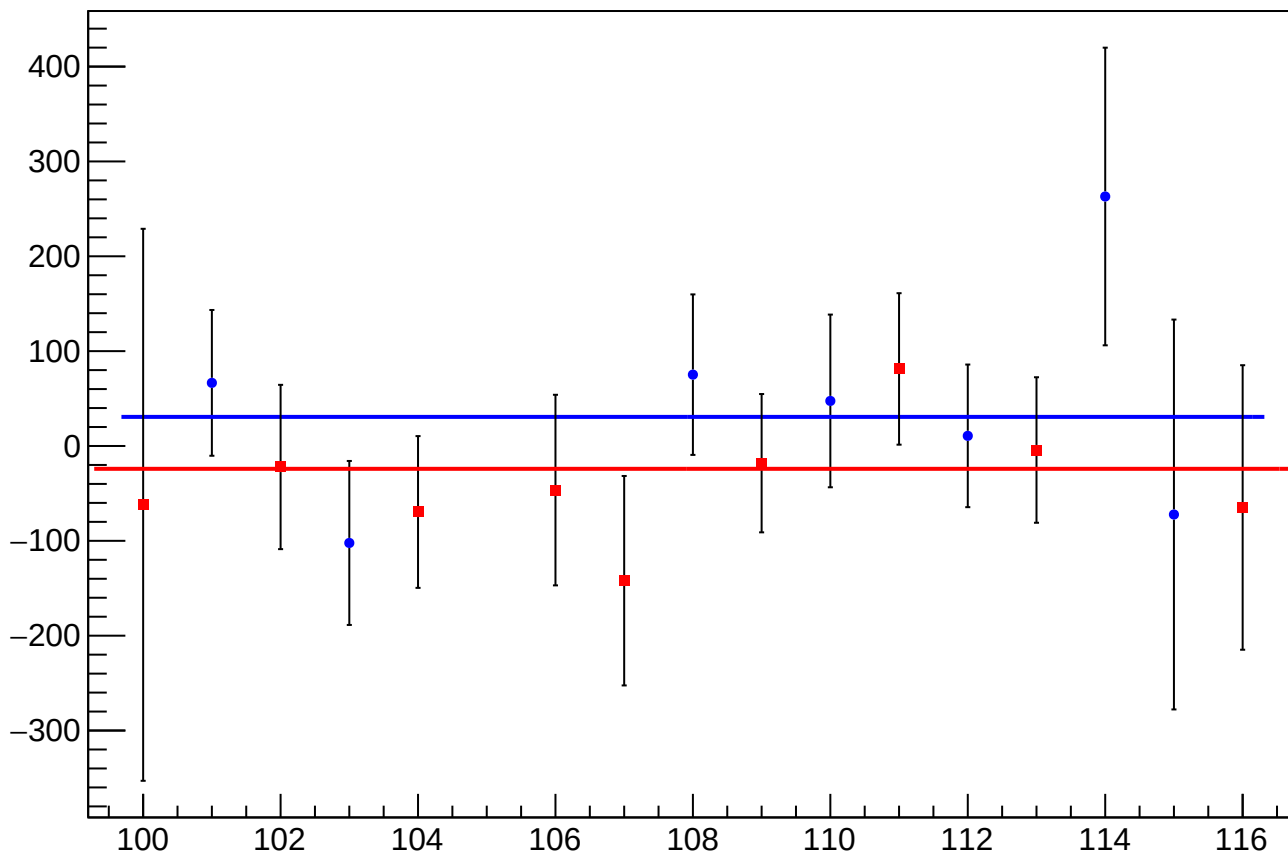
Right: 260.197+/-0.077 χ^2/NDF : 1038862.7/15

In: 259.758+/-0.115 χ^2/NDF : 441868.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.197+/-0.077 χ^2/NDF : 1038862.7/15

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 30.677+/-35.252 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.079+/-30.983 χ^2/NDF : 3.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

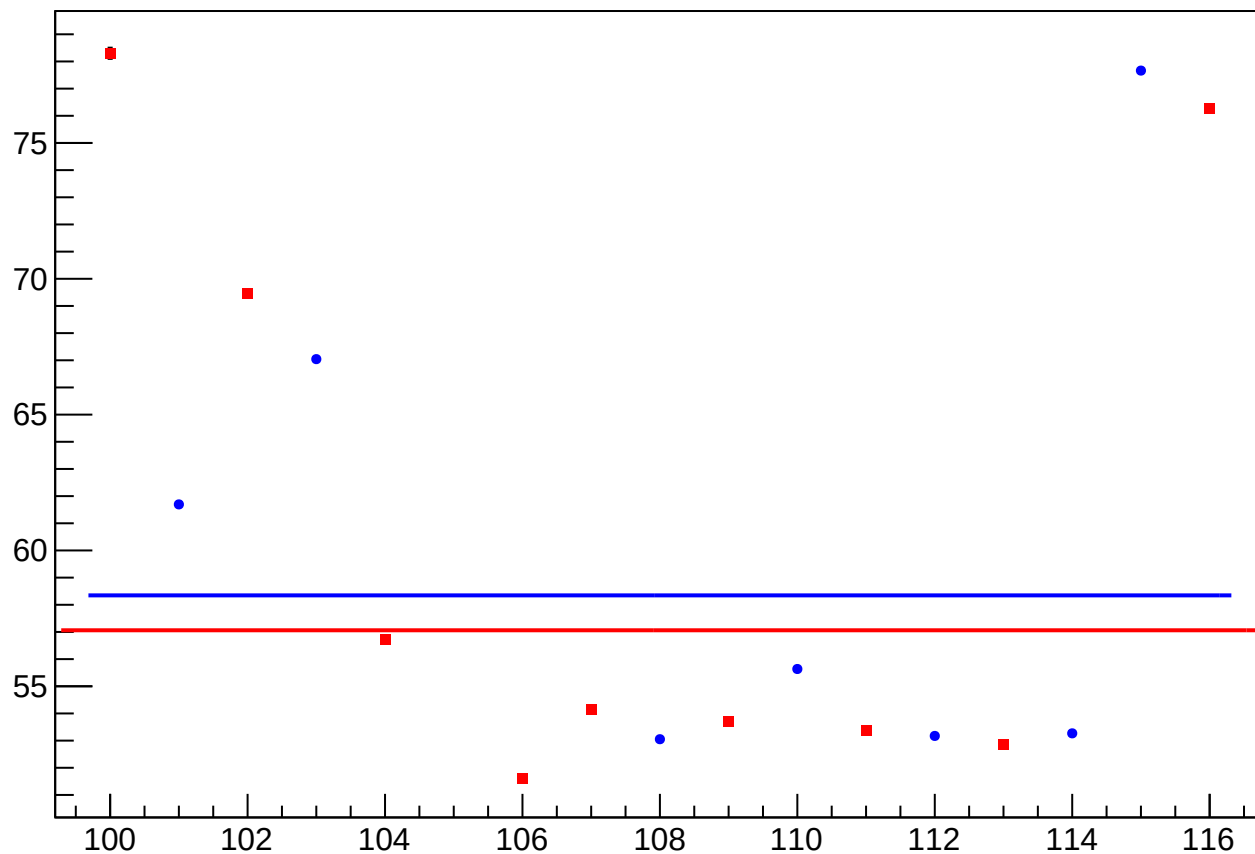
Right: -0.215+/-23.272 χ^2/NDF : 10.2/15

In: 30.677+/-35.252 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.215+/-23.272 χ^2/NDF : 10.2/15

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.346+/-0.025 χ^2/NDF : 62877.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.061+/-0.022 χ^2/NDF : 106257.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

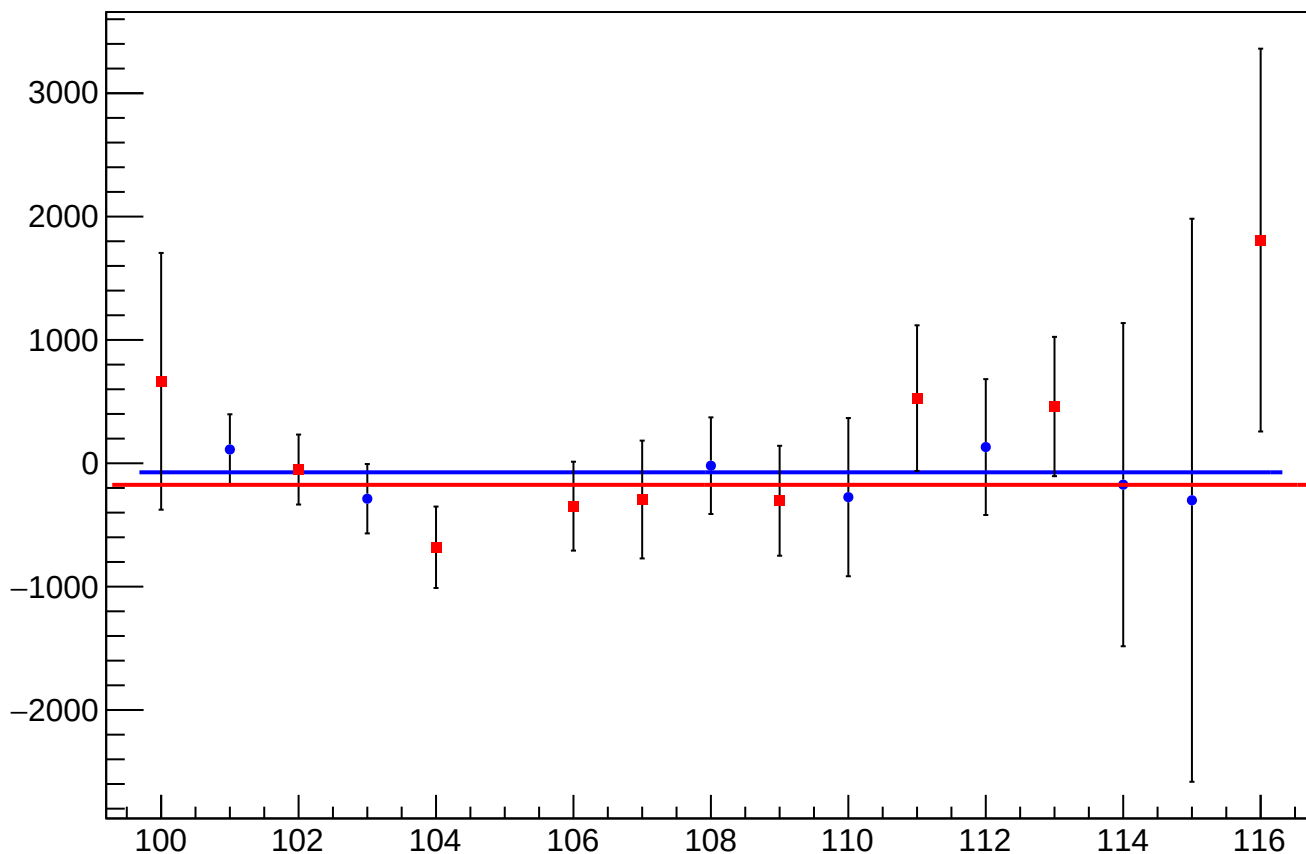
Right: 57.621+/-0.016 χ^2/NDF : 170634.9/15

In: 58.346+/-0.025 χ^2/NDF : 62877.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.621+/-0.016 χ^2/NDF : 170634.9/15

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.173+/-162.319 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.778+/-147.322 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

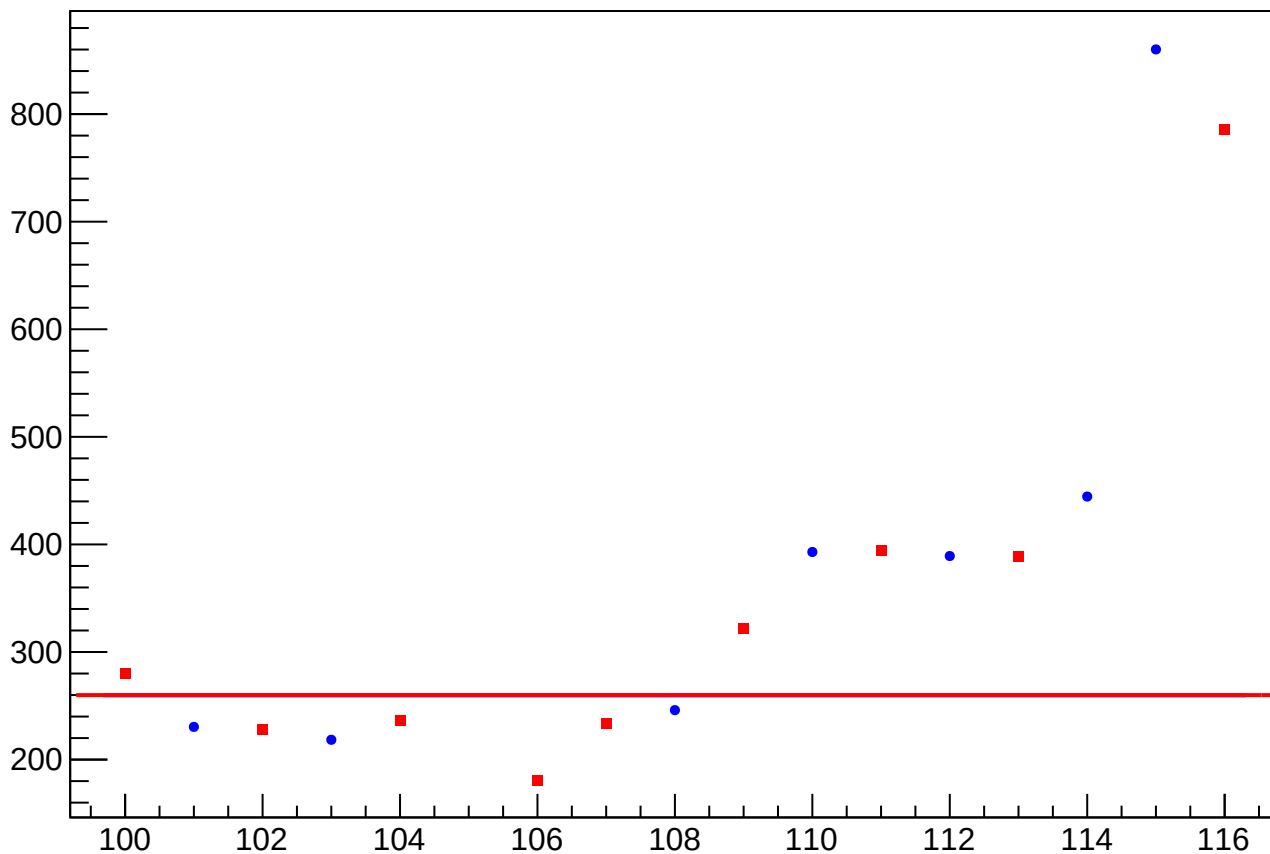
Right: -128.884+/-109.090 χ^2/NDF : 9.4/15

In: -73.173+/-162.319 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.884+/-109.090 χ^2/NDF : 9.4/15

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 259.761+/-0.115 χ^2/NDF : 441851.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.957+/-0.104 χ^2/NDF : 613768.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

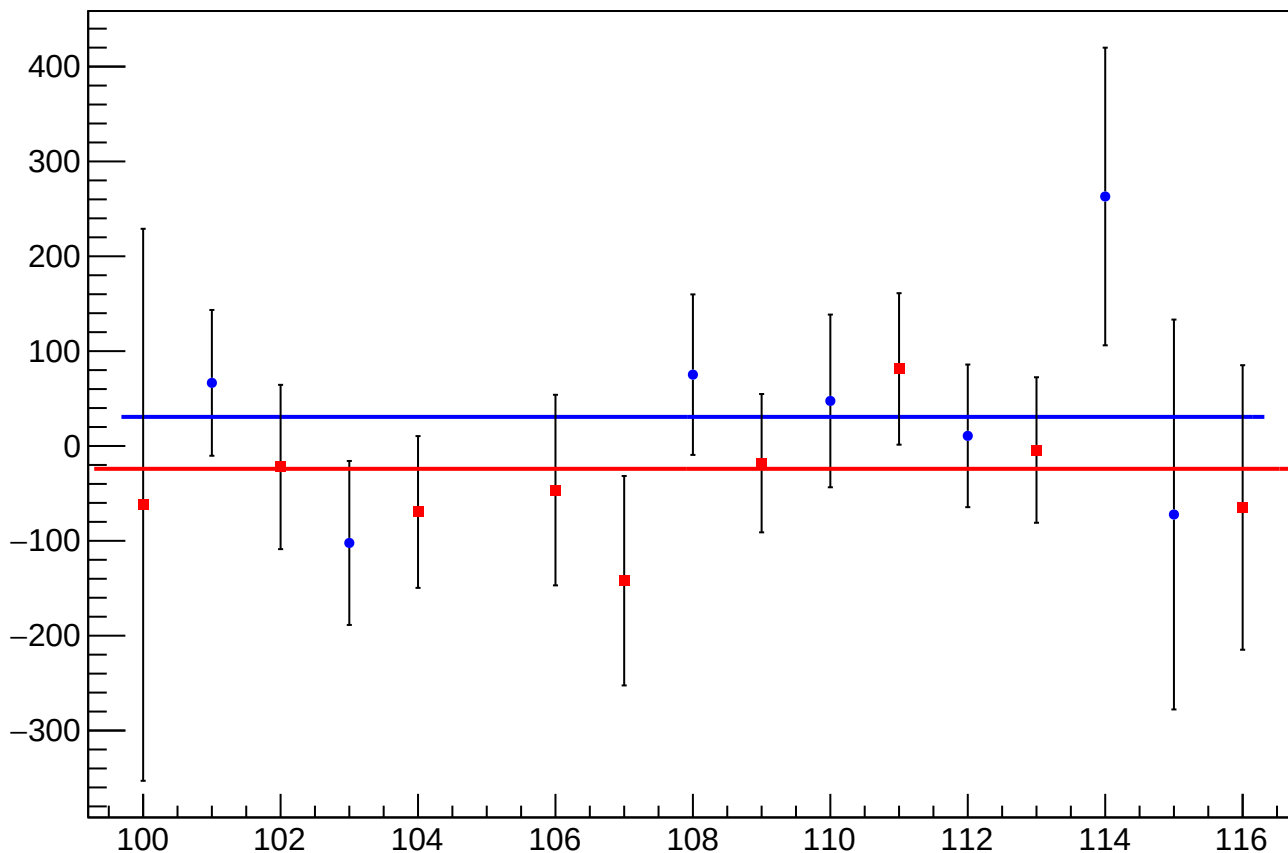
Right: 259.869+/-0.077 χ^2/NDF : 1055621.4/15

In: 259.761+/-0.115 χ^2/NDF : 441851.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.869+/-0.077 χ^2/NDF : 1055621.4/15

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 30.677+/-35.252 χ^2/NDF : 5.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.079+/-30.983 χ^2/NDF : 3.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

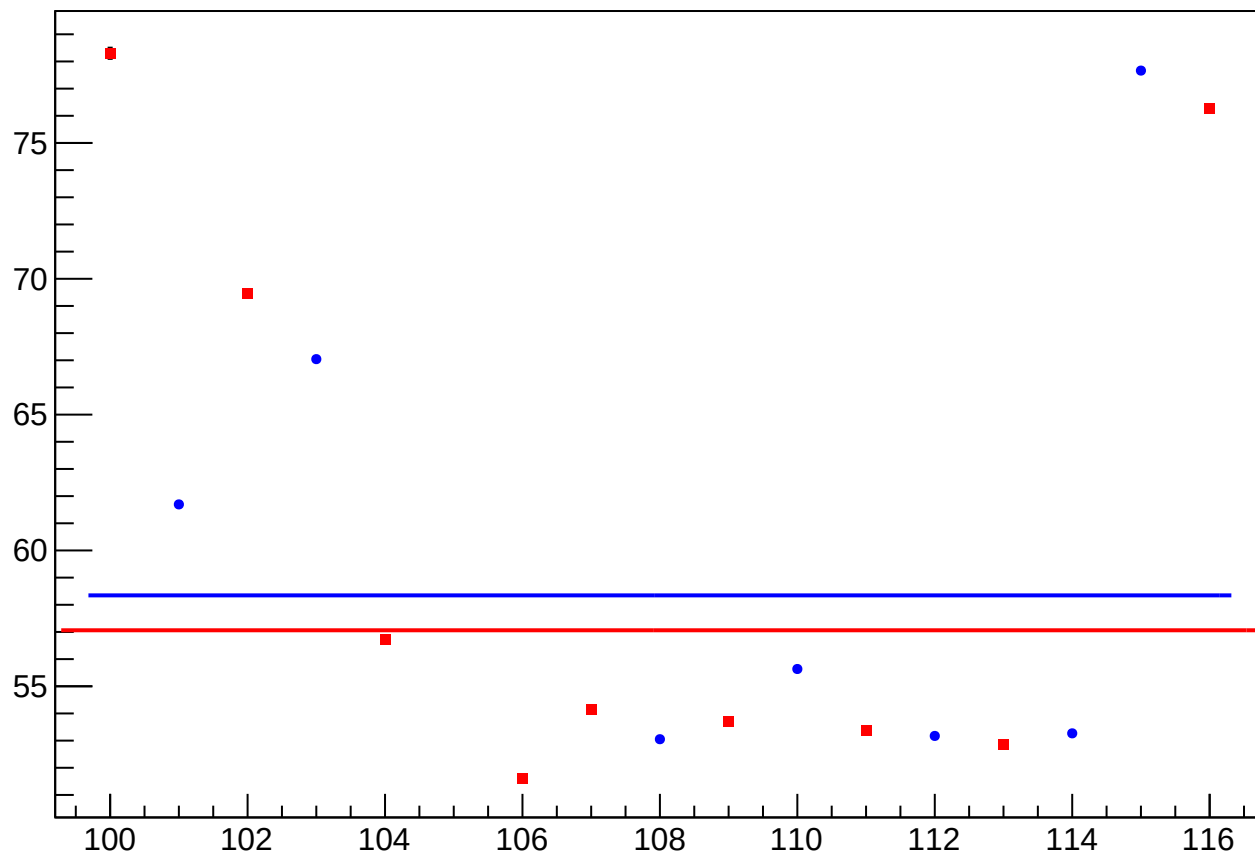
Right: -0.215+/-23.272 χ^2/NDF : 10.2/15

In: 30.677+/-35.252 χ^2/NDF : 5.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.215+/-23.272 χ^2/NDF : 10.2/15

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.346+/-0.025 χ^2/NDF : 62877.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.061+/-0.022 χ^2/NDF : 106257.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

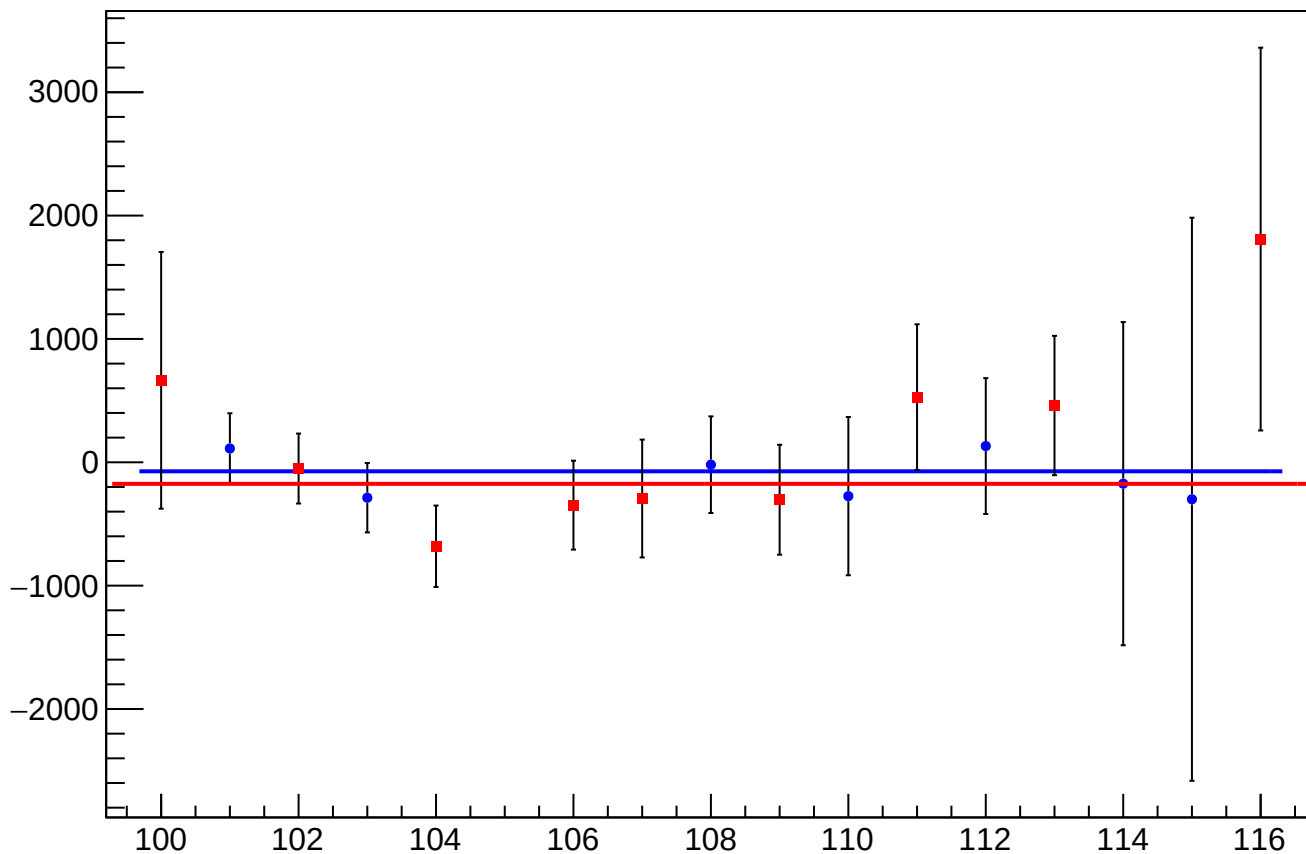
Right: 57.621+/-0.016 χ^2/NDF : 170634.9/15

In: 58.346+/-0.025 χ^2/NDF : 62877.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.621+/-0.016 χ^2/NDF : 170634.9/15

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.173+/-162.319 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.778+/-147.322 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

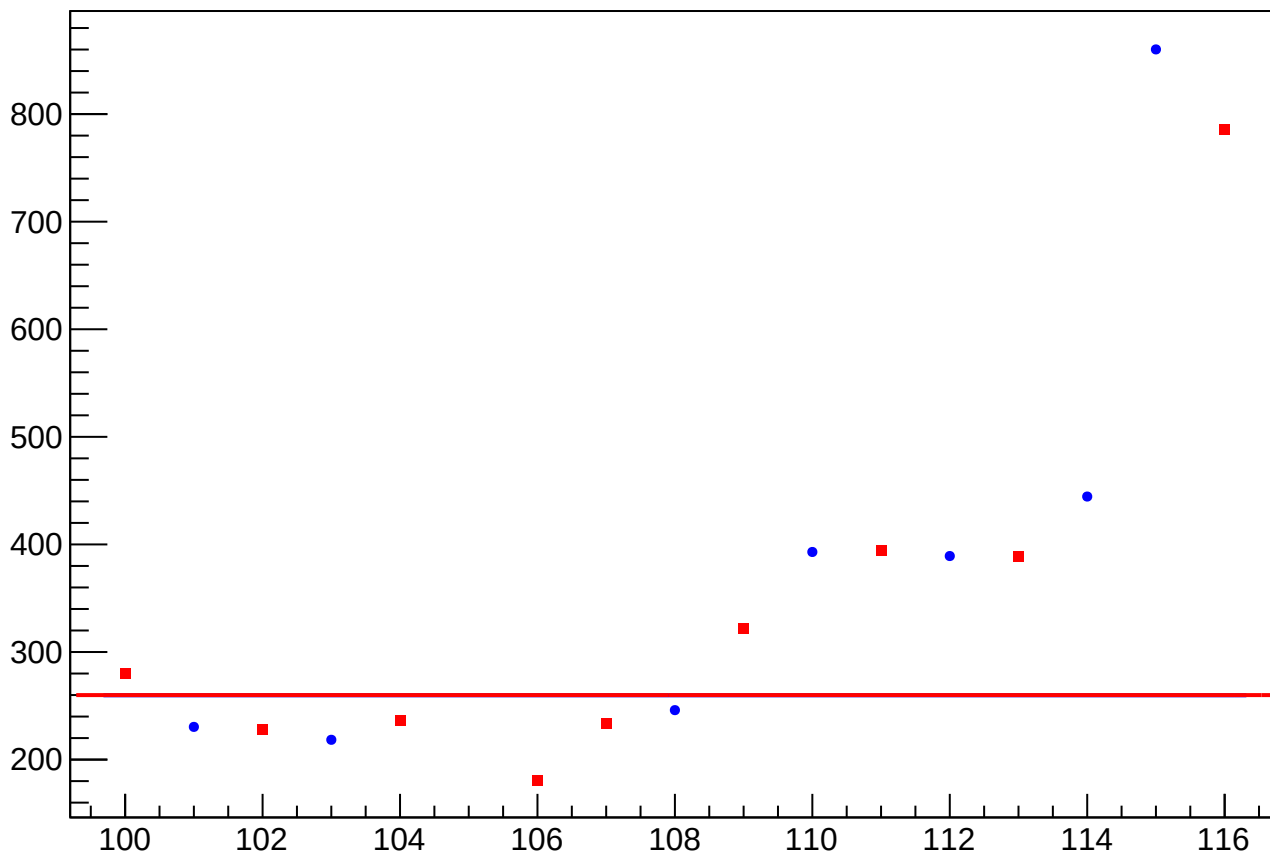
Right: -128.884+/-109.090 χ^2/NDF : 9.4/15

In: -73.173+/-162.319 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.884+/-109.090 χ^2/NDF : 9.4/15

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 259.761+/-0.115 χ^2/NDF : 441851.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.957+/-0.104 χ^2/NDF : 613768.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

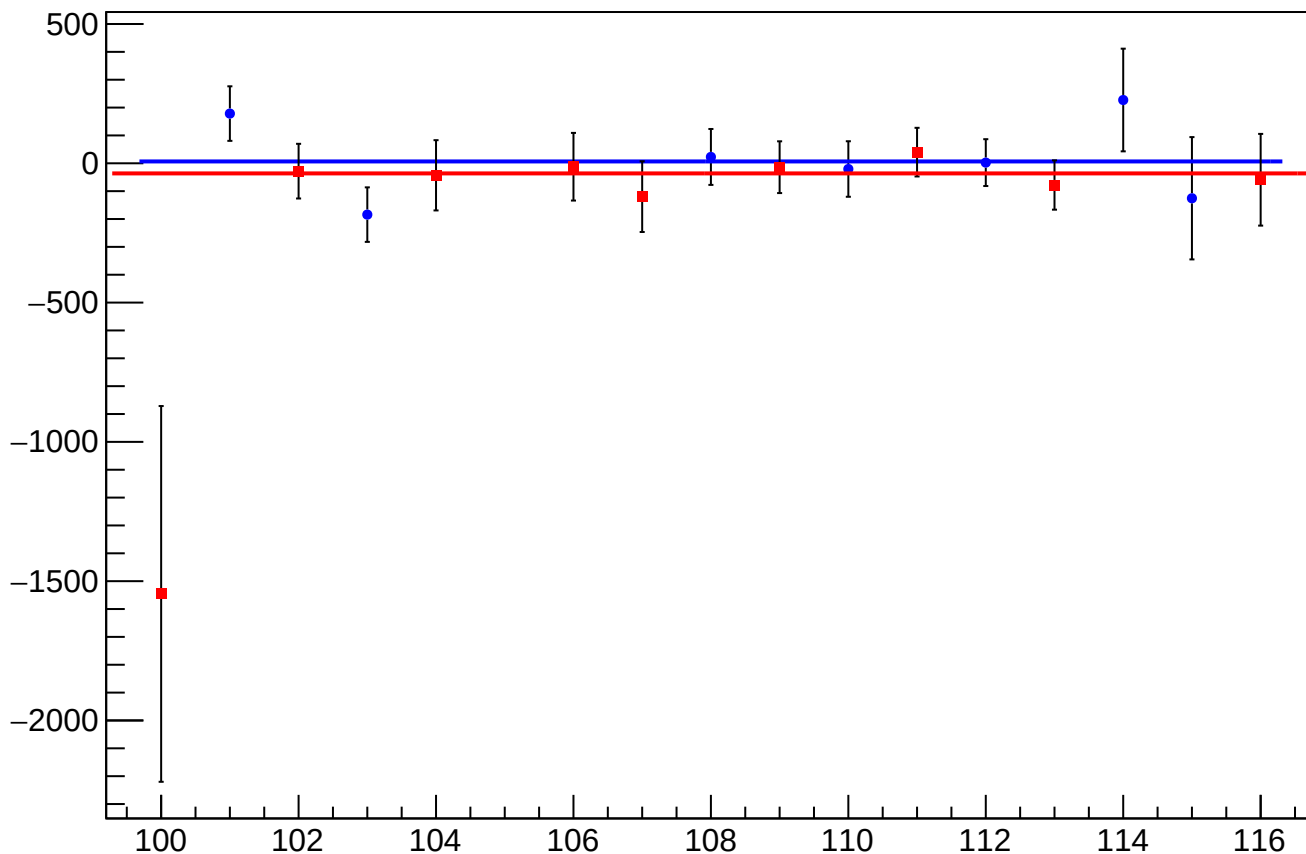
Right: 259.869+/-0.077 χ^2/NDF : 1055621.4/15

In: 259.761+/-0.115 χ^2/NDF : 441851.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.869+/-0.077 χ^2/NDF : 1055621.4/15

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 6.672 $\pm$ 40.809 χ^2 /NDF: 8.8/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -36.305 $\pm$ -37.519 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

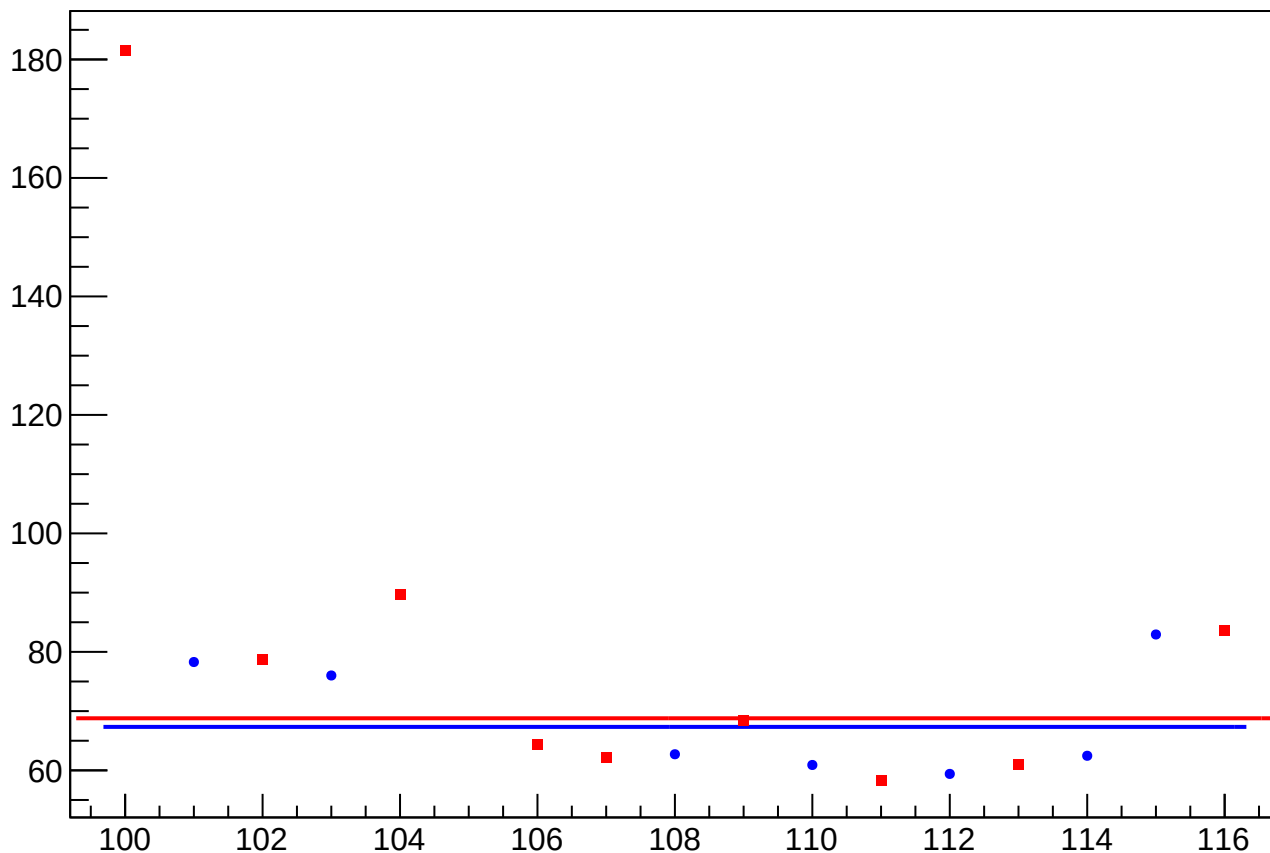
Right: -16.619 $\pm$ -27.620 χ^2 /NDF: 15.9/15

In: 6.672 $\pm$ -40.809 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -16.619 $\pm$ -27.620 χ^2 /NDF: 15.9/15

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 67.337 $\pm$ 0.029 χ^2 /NDF: 82627.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.791 $\pm$ 0.027 χ^2 /NDF: 200057.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

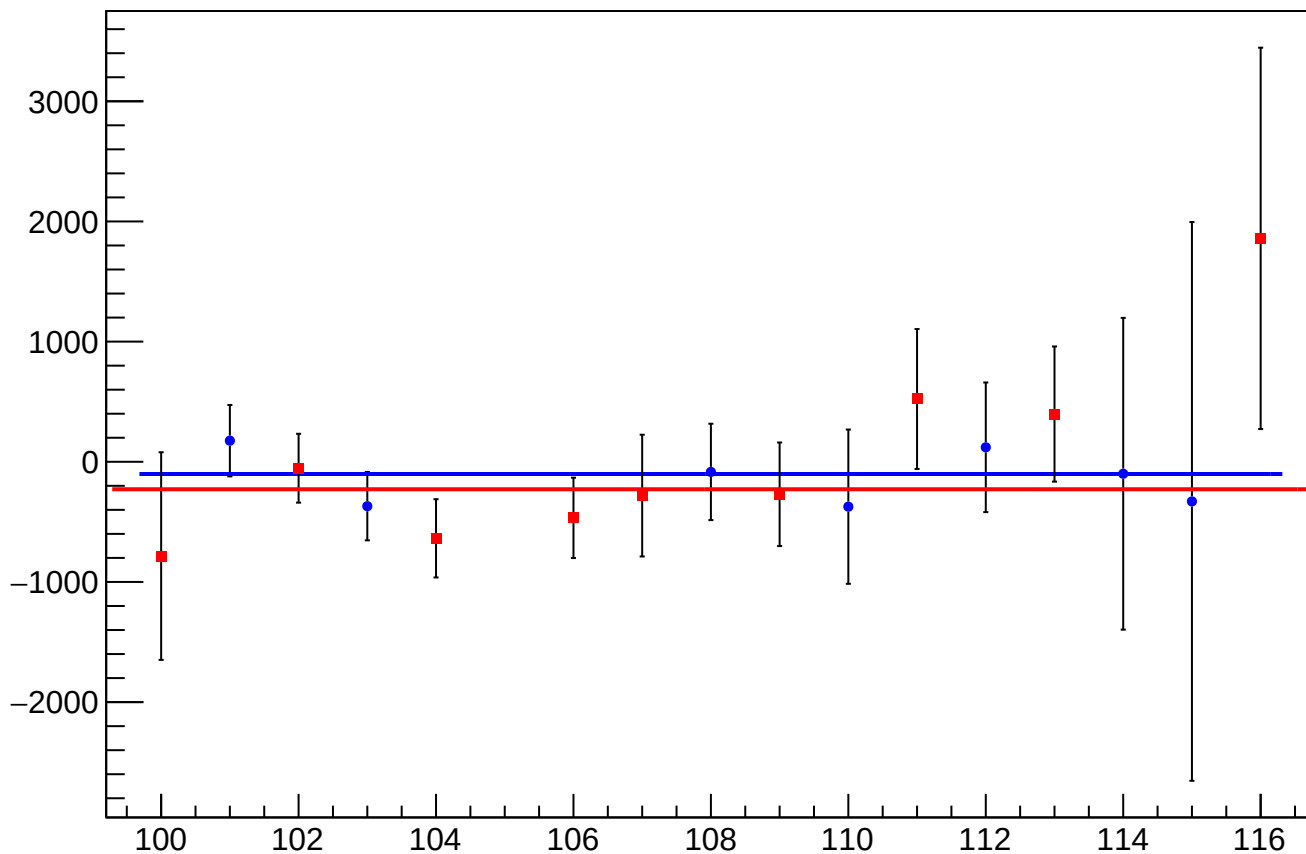
Right: 68.125 $\pm$ 0.020 χ^2 /NDF: 284060.9/15

In: 67.337 $\pm$ 0.029 χ^2 /NDF:82627.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.125 $\pm$ 0.020 χ^2 /NDF: 284060.9/15

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -101.645+/-165.398 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.586+/-144.810 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

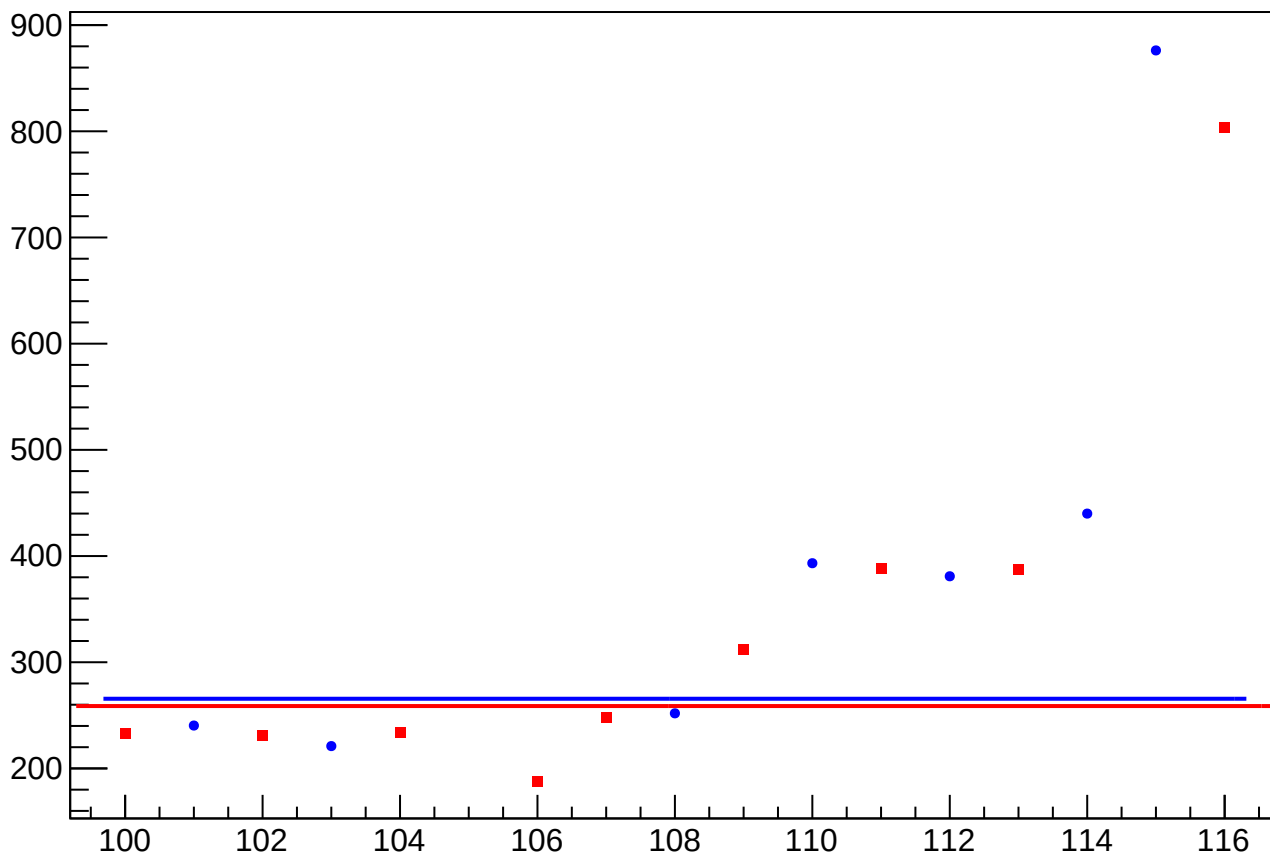
Right: -173.504+/-108.952 χ^2/NDF : 10.0/15

In: -101.645+/-165.398 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.504+/-108.952 χ^2/NDF : 10.0/15

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 265.626+/-0.117 χ^2/NDF : 410513.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.745+/-0.102 χ^2/NDF : 594492.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

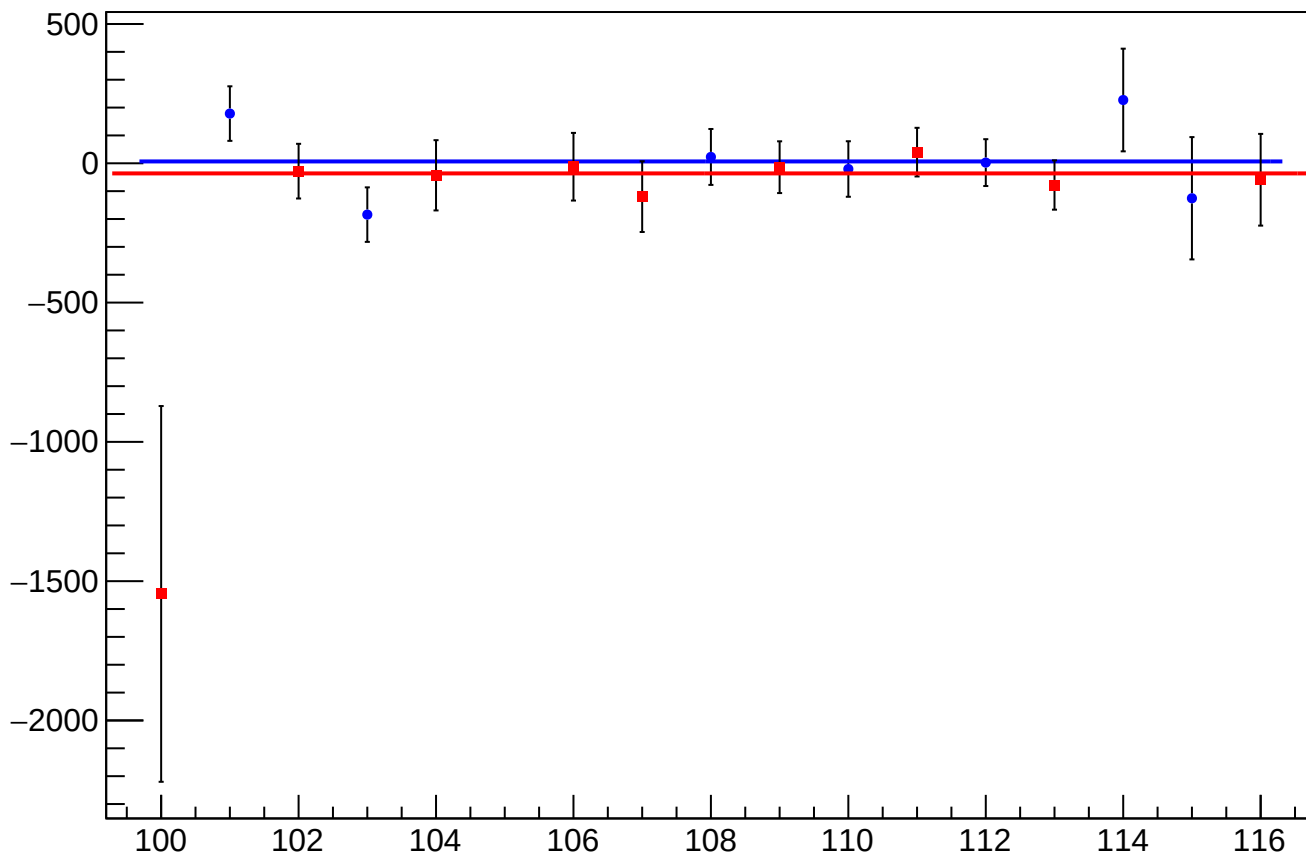
Right: 261.731+/-0.077 χ^2/NDF : 1006964.9/15

In: 265.626+/-0.117 χ^2/NDF : 410513.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.731+/-0.077 χ^2/NDF : 1006964.9/15

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 6.672 $\pm$ 40.809 χ^2 /NDF: 8.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.305 $\pm$ 37.519 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

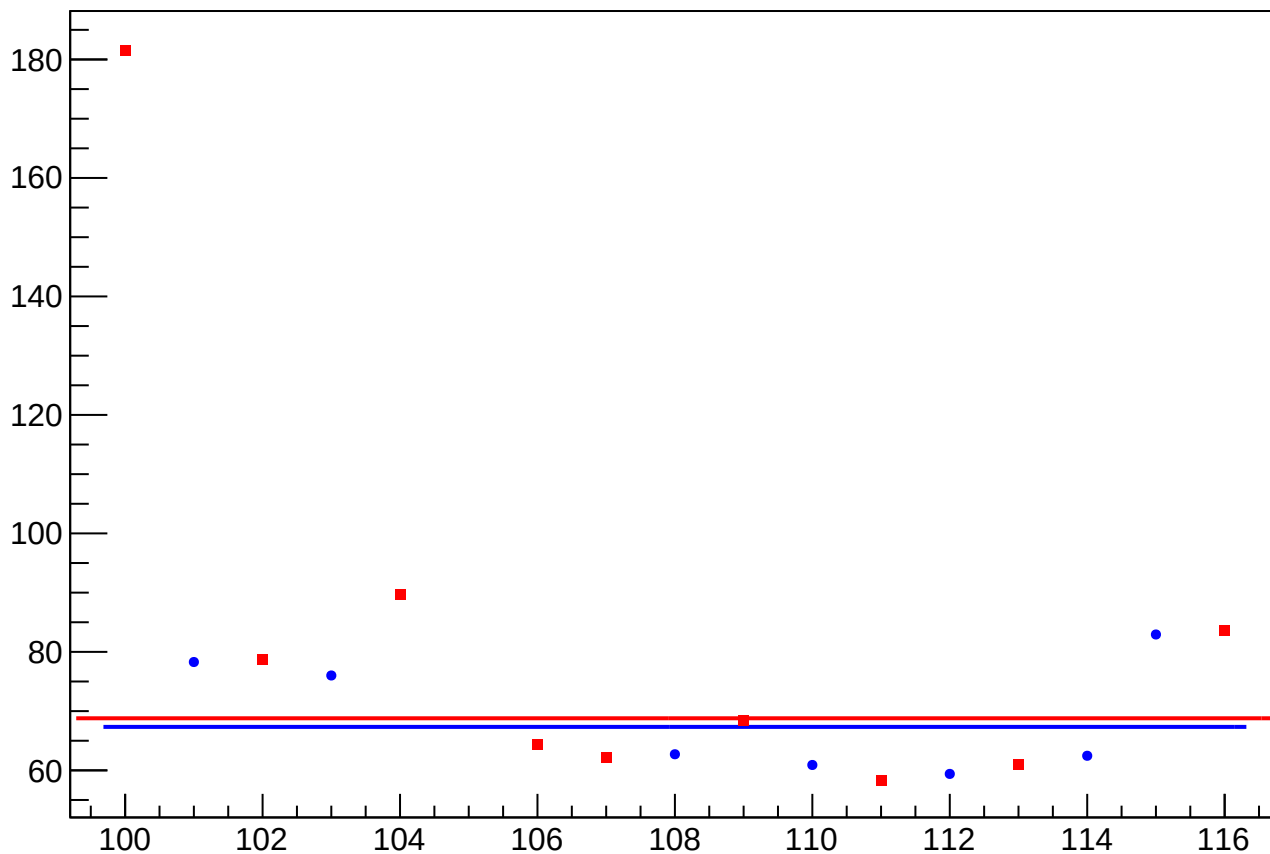
Right: -16.619 $\pm$ 27.620 χ^2 /NDF: 15.9/15

In: 6.672 $\pm$ 40.809 χ^2 /NDF:8.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.619 $\pm$ 27.620 χ^2 /NDF: 15.9/15

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 67.338+/-0.029 χ^2/NDF : 82630.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.791+/-0.027 χ^2/NDF : 200063.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

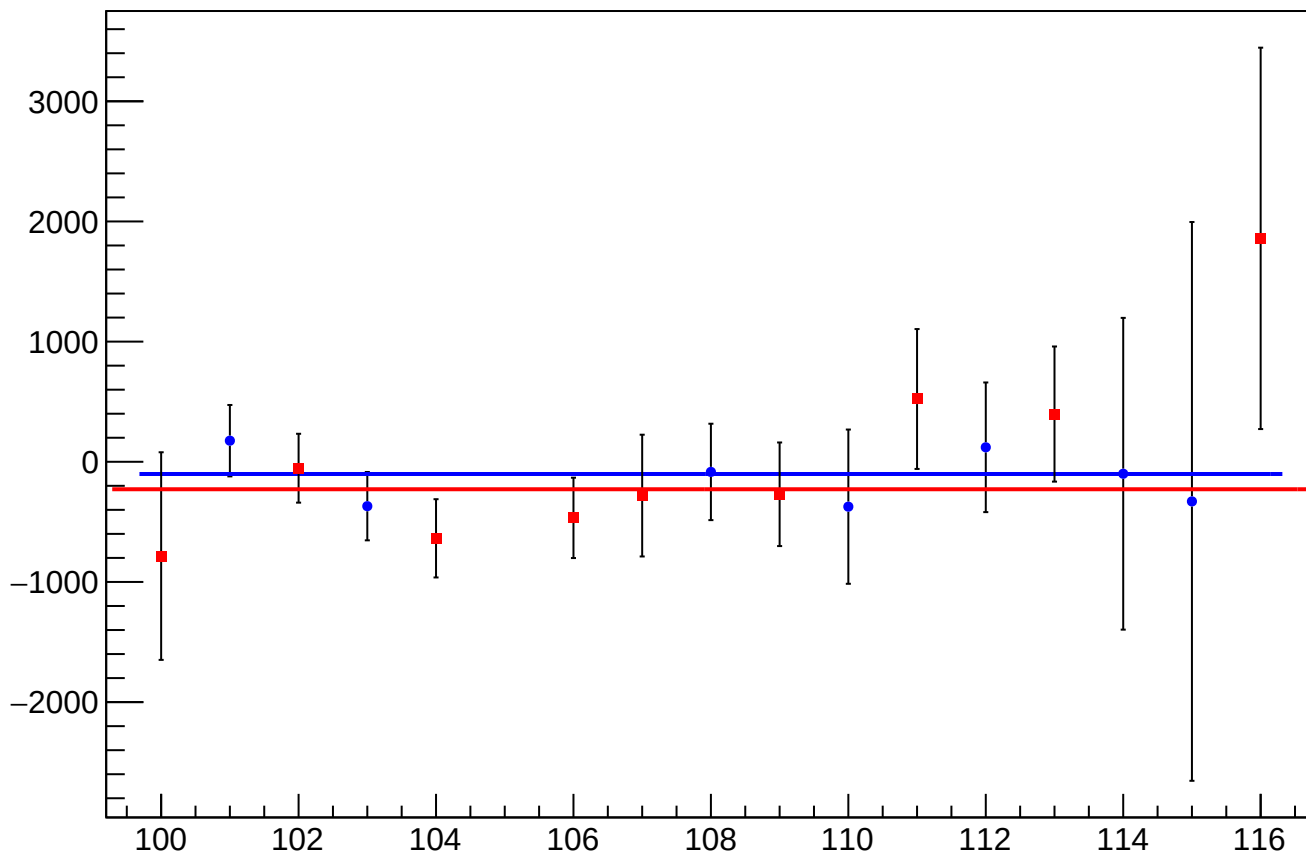
Right: 68.125+/-0.020 χ^2/NDF : 284069.1/15

In: 67.338+/-0.029 χ^2/NDF : 82630.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.125+/-0.020 χ^2/NDF : 284069.1/15

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -101.646+/-165.398 χ^2/NDF : 2.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.586+/-144.810 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

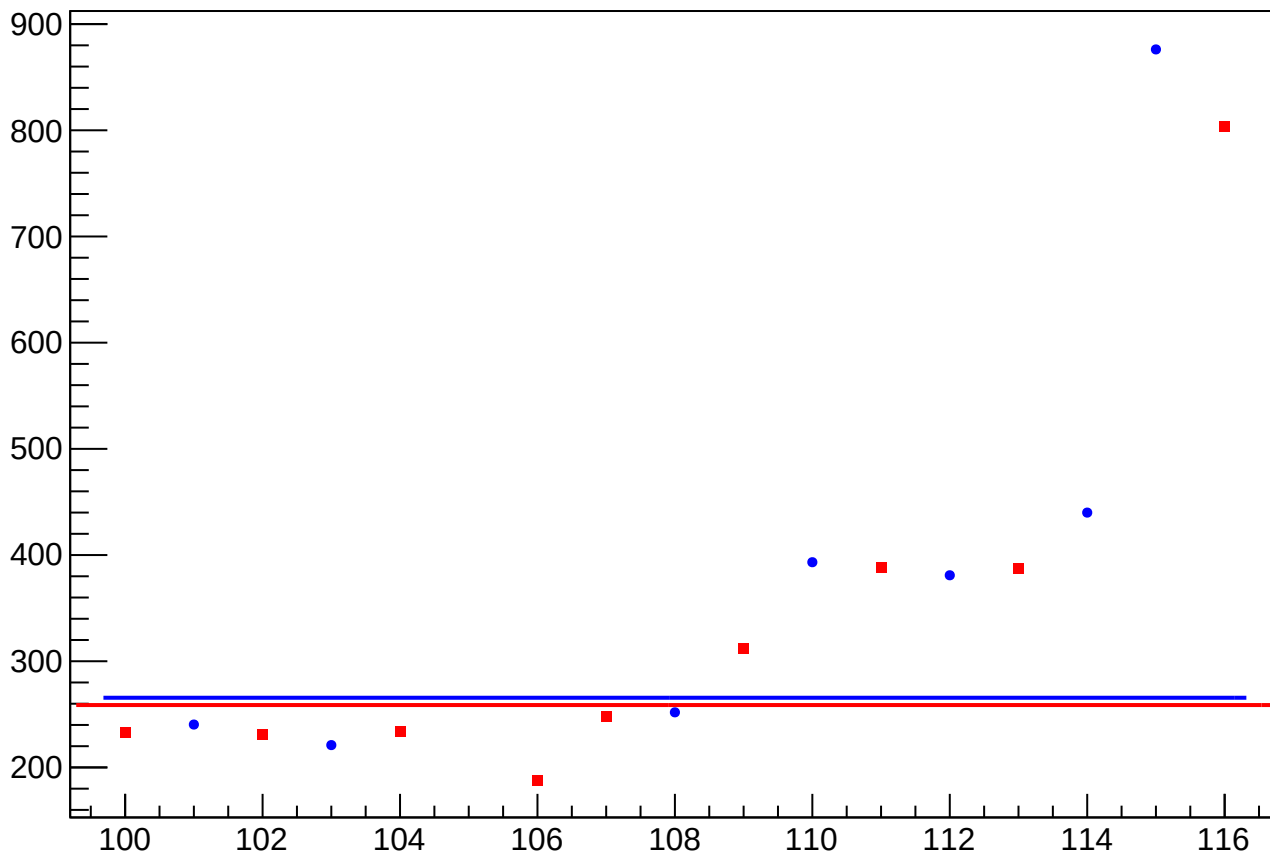
Right: -173.504+/-108.952 χ^2/NDF : 10.0/15

In: -101.646+/-165.398 χ^2/NDF : 2.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.504+/-108.952 χ^2/NDF : 10.0/15

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 265.626+/-0.117 χ^2/NDF : 410511.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.745+/-0.102 χ^2/NDF : 594489.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

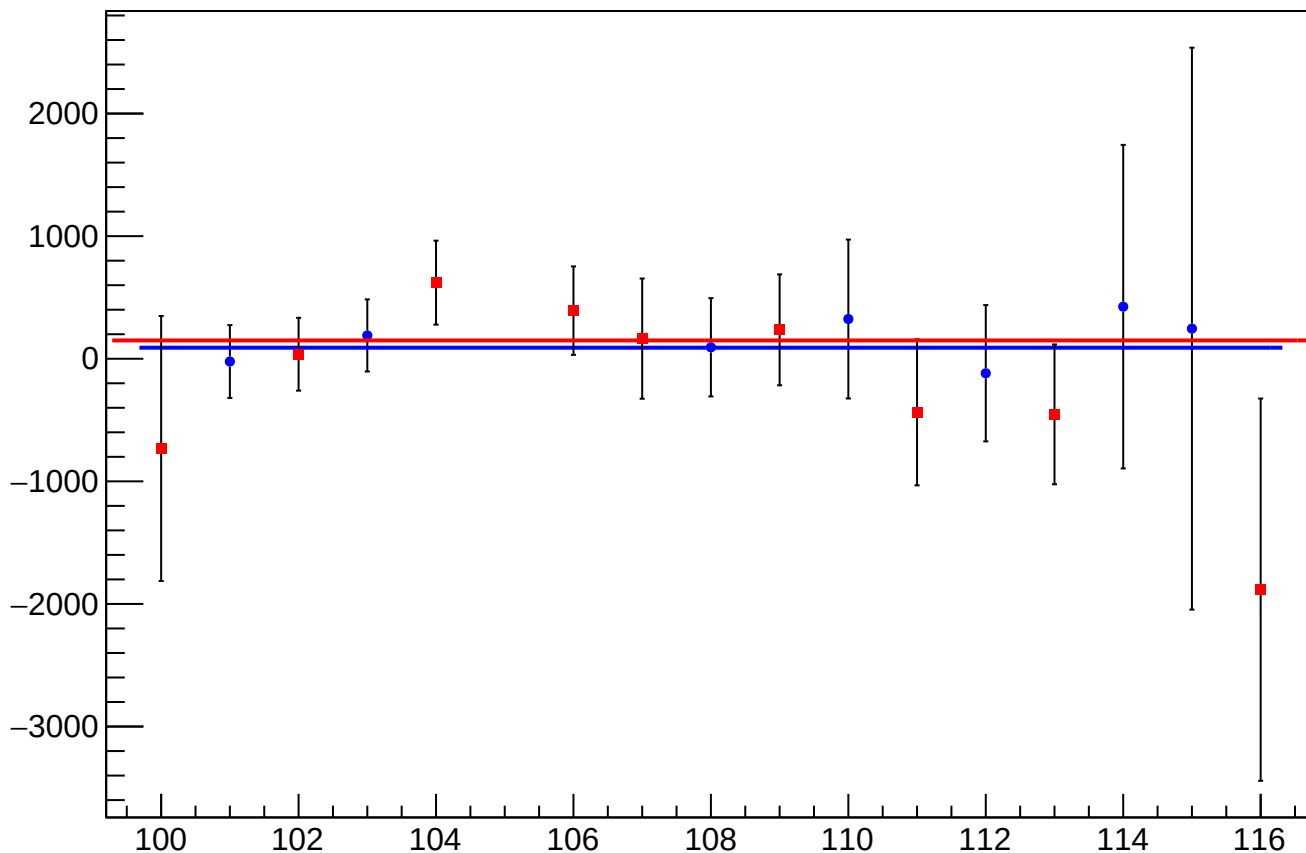
Right: 261.731+/-0.077 χ^2/NDF : 1006961.0/15

In: 265.626+/-0.117 χ^2/NDF : 410511.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.731+/-0.077 χ^2/NDF : 1006961.0/15

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 90.202+/-167.900 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.380+/-151.191 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

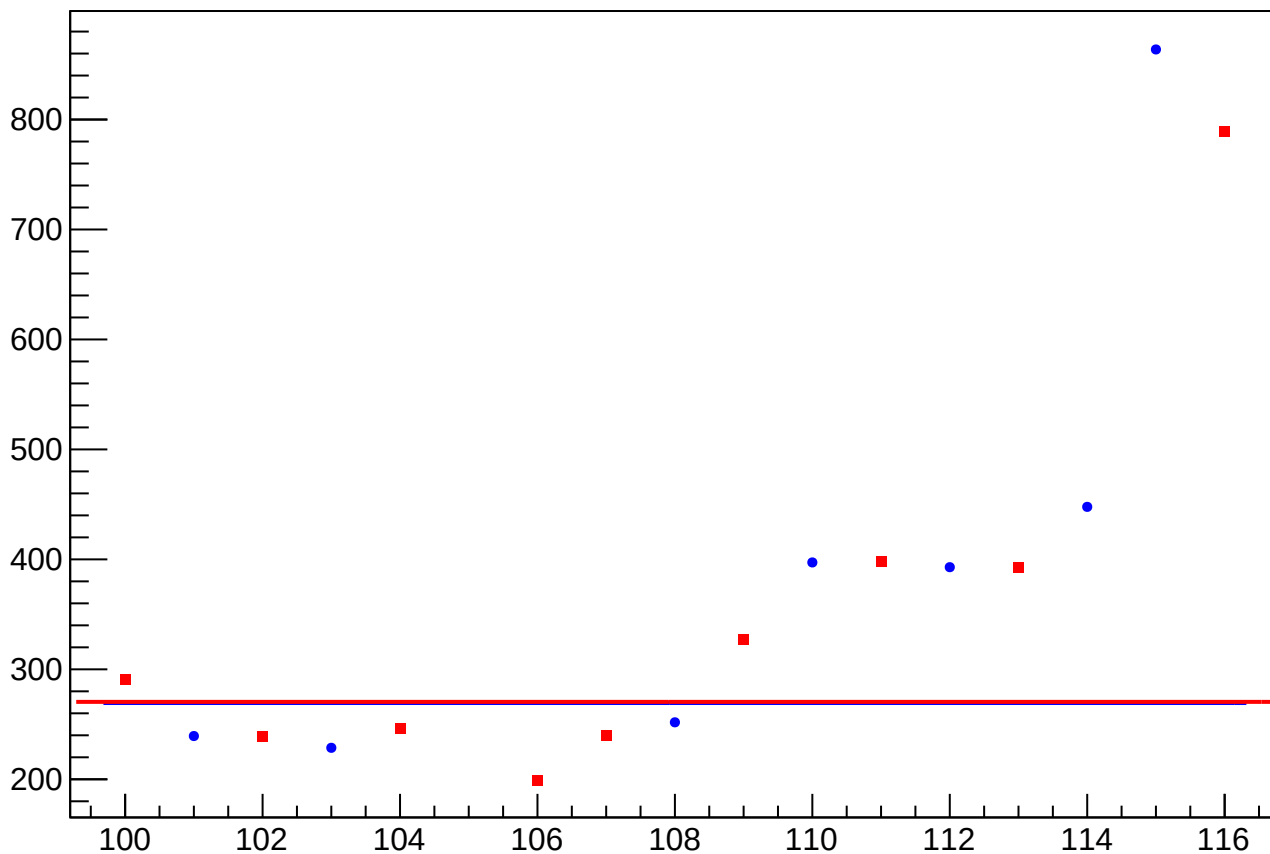
Right: 122.881+/-112.353 χ^2/NDF : 7.6/15

In: 90.202+/-167.900 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.881+/-112.353 χ^2/NDF : 7.6/15

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 269.365+/-0.119 χ^2/NDF : 410170.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.407+/-0.107 χ^2/NDF : 555276.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

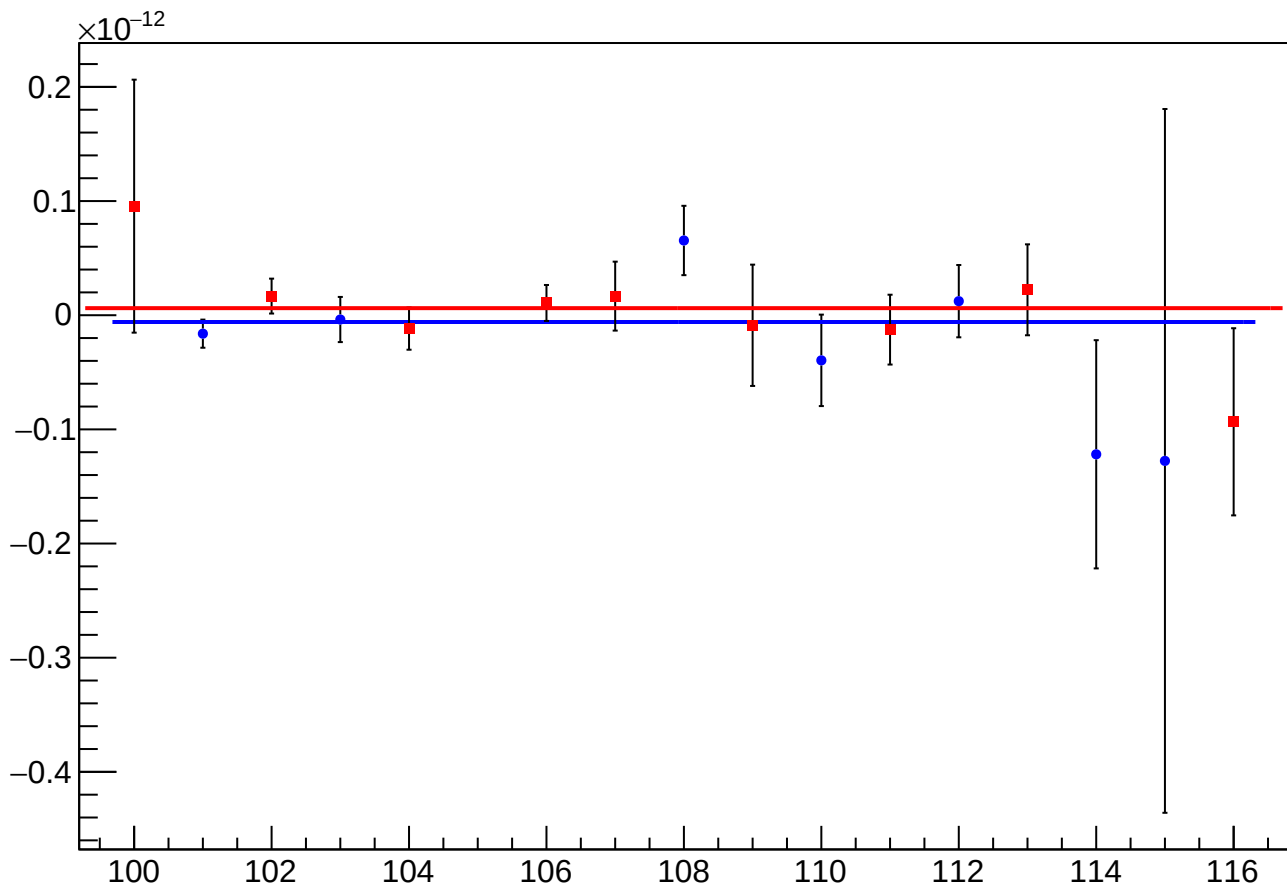
Right: 269.941+/-0.079 χ^2/NDF : 965489.2/15

In: 269.365+/-0.119 χ^2/NDF : 410170.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.941+/-0.079 χ^2/NDF : 965489.2/15

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

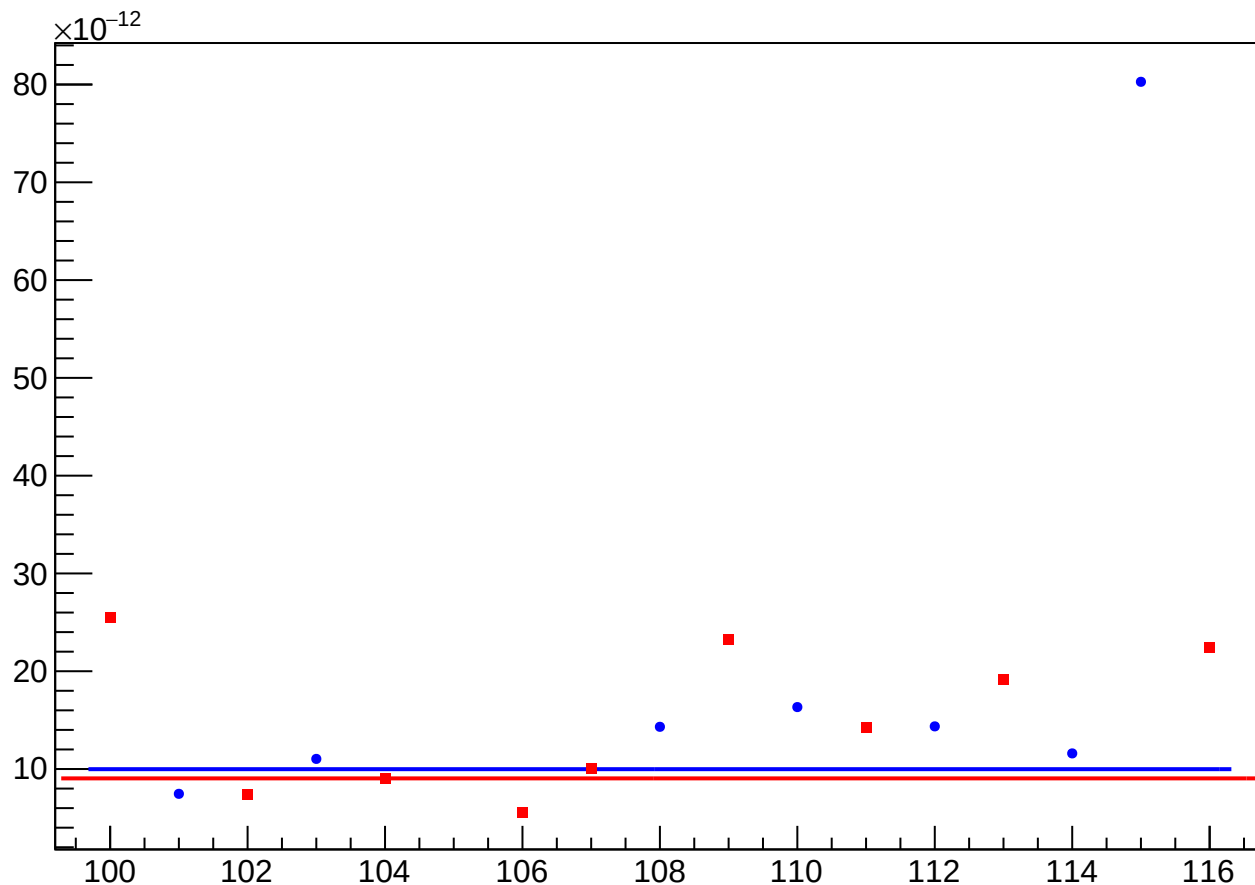
Right: 0.000+/-0.000 χ^2/NDF : 14.1/15

In: -0.000+/-0.000 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/15

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 323080.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 552628.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

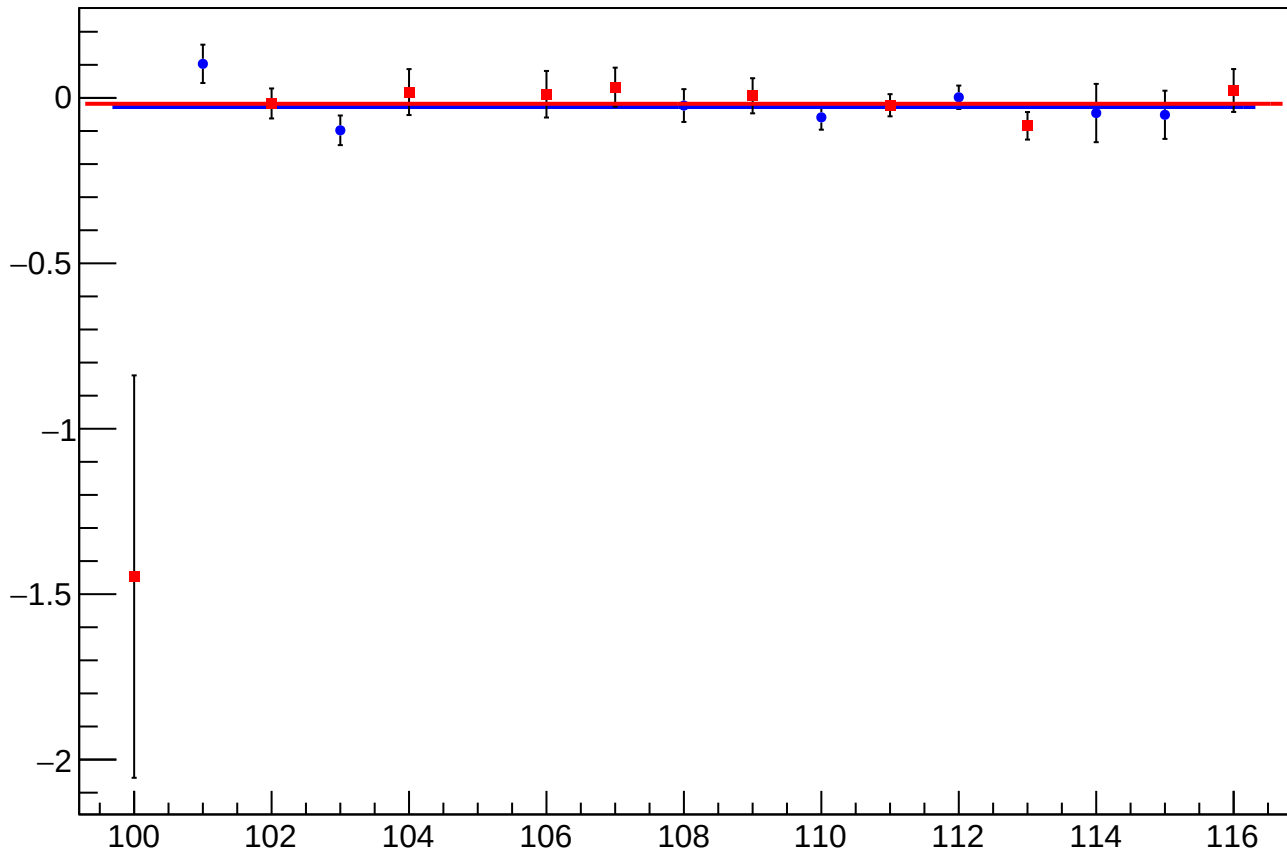
Right: 0.000+/-0.000 χ^2/NDF : 887395.7/15

In: 0.000+/-0.000 χ^2/NDF : 323080.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 887395.7/15

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.018 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

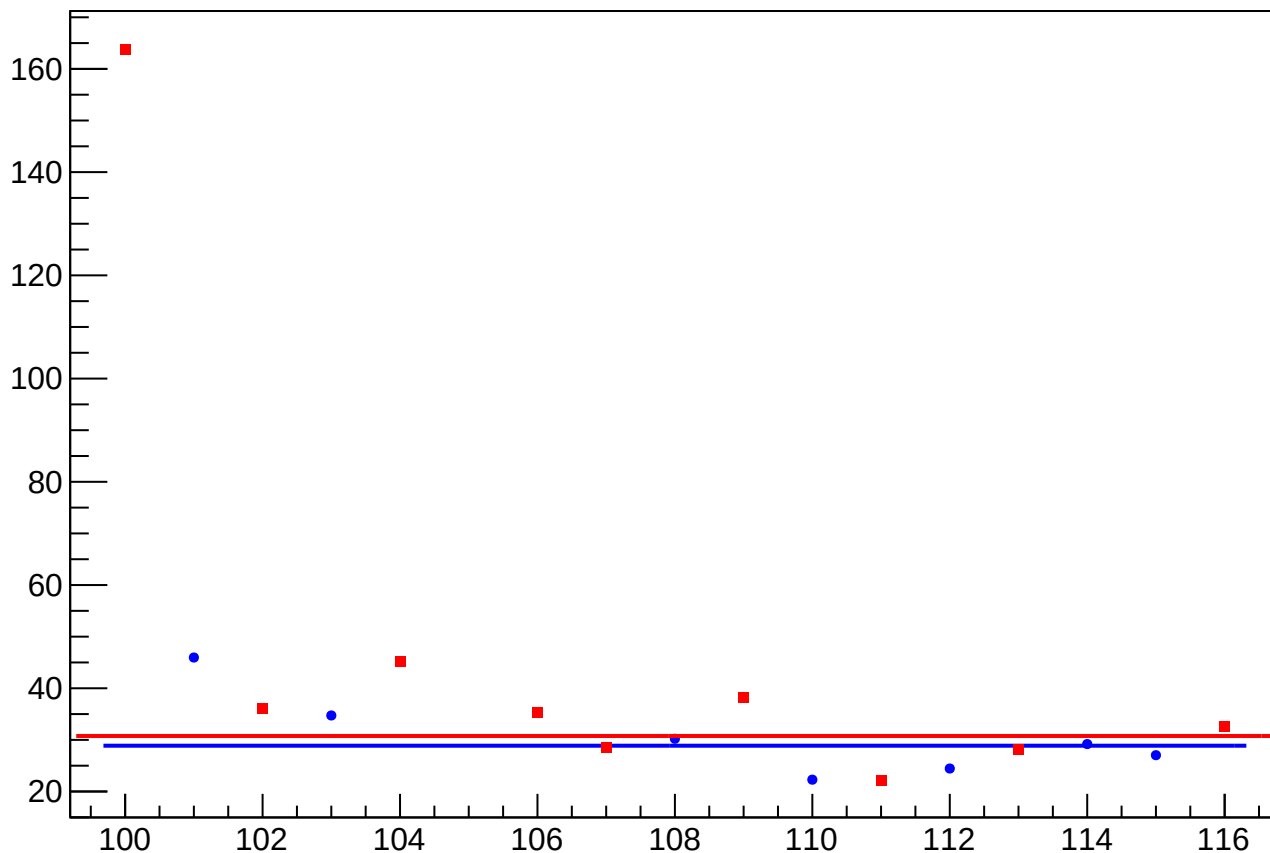
Right: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

In: -0.027 $\pm$ 0.018 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

asym_sam_37_48_dd_dit_vs_slug, Sign Corrected



Right In: 28.871+/-0.013 χ^2/NDF : 304100.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.756+/-0.012 χ^2/NDF : 403077.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

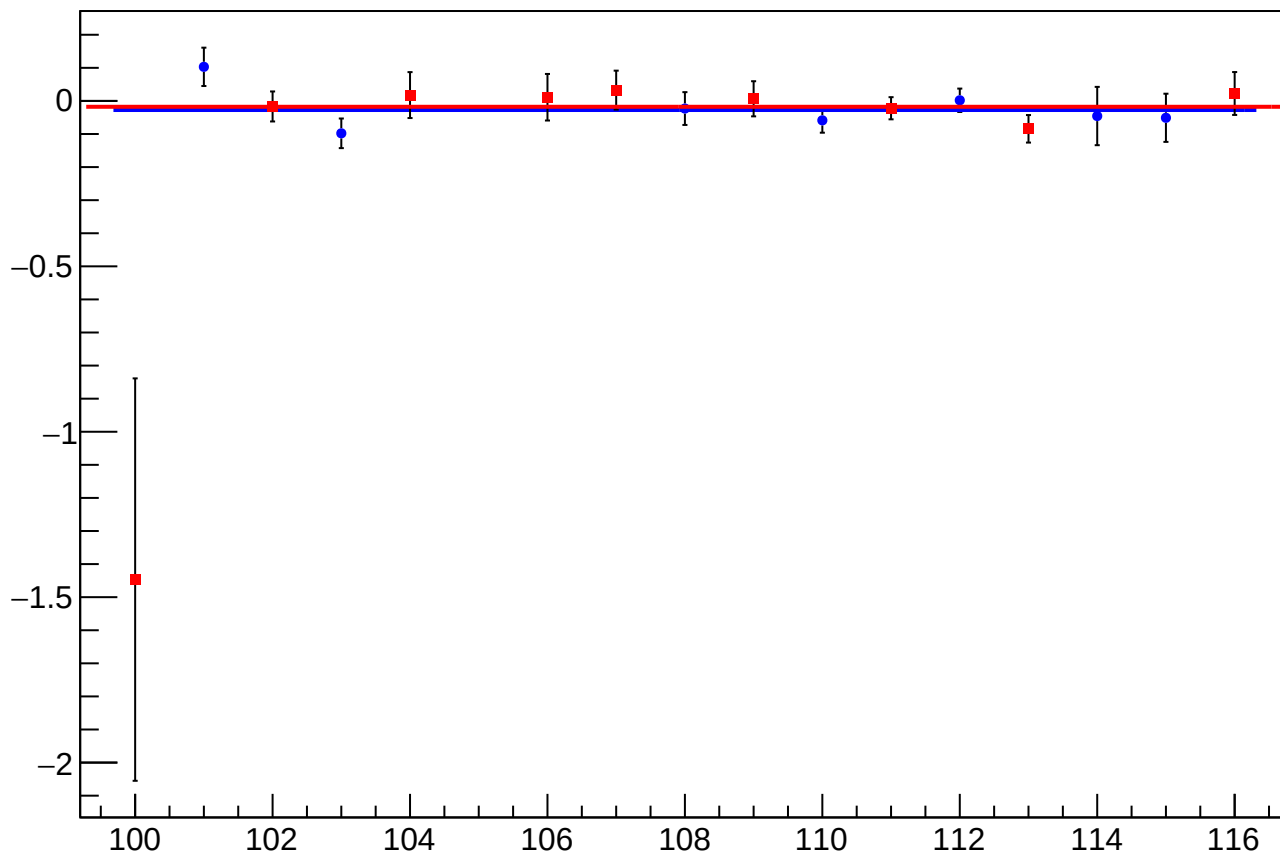
Right: 29.845+/-0.009 χ^2/NDF : 718336.0/15

In: 28.871+/-0.013 χ^2/NDF : 304100.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.845+/-0.009 χ^2/NDF : 718336.0/15

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.018 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

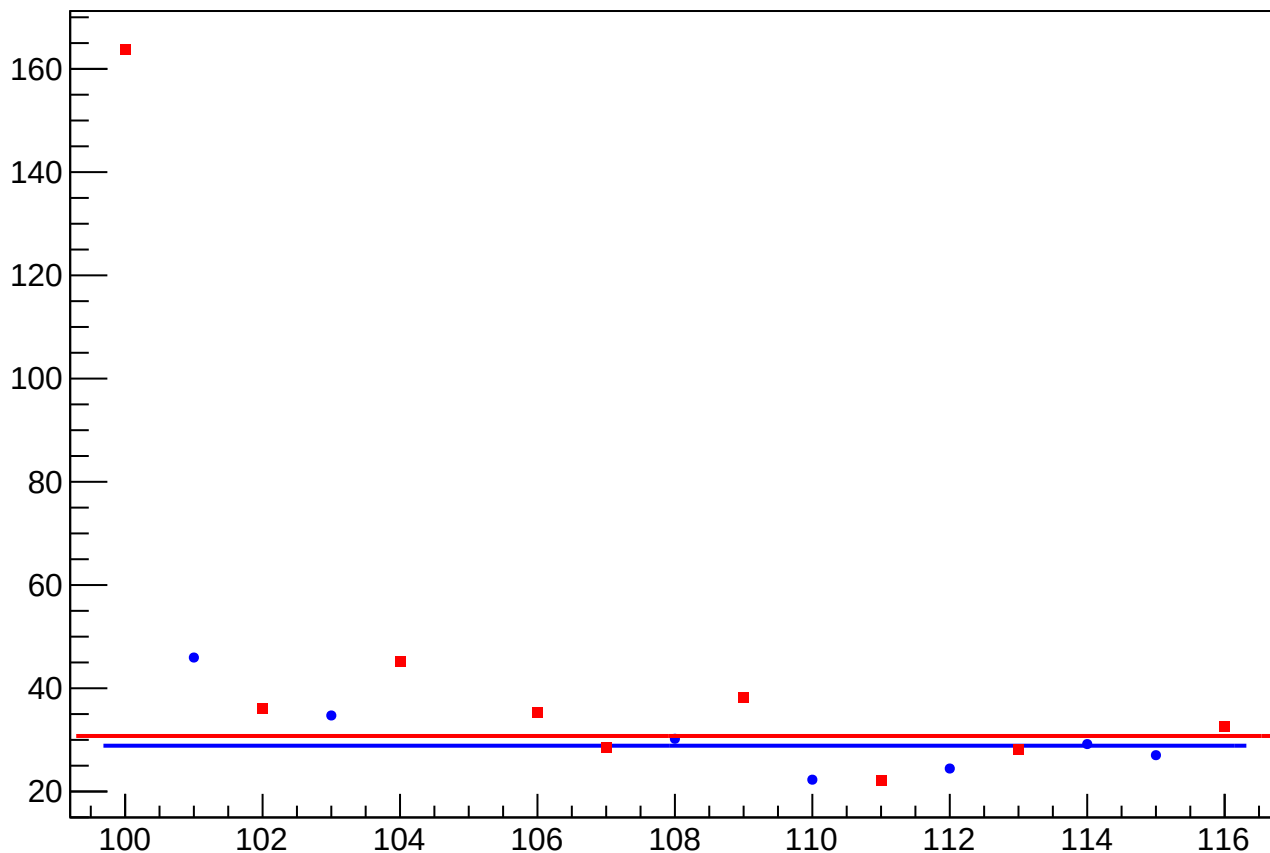
Right: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

In: -0.027 $\pm$ 0.018 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.871 $\pm$ 0.013 χ^2/NDF : 304100.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 30.756 $\pm$ 0.012 χ^2/NDF : 403077.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

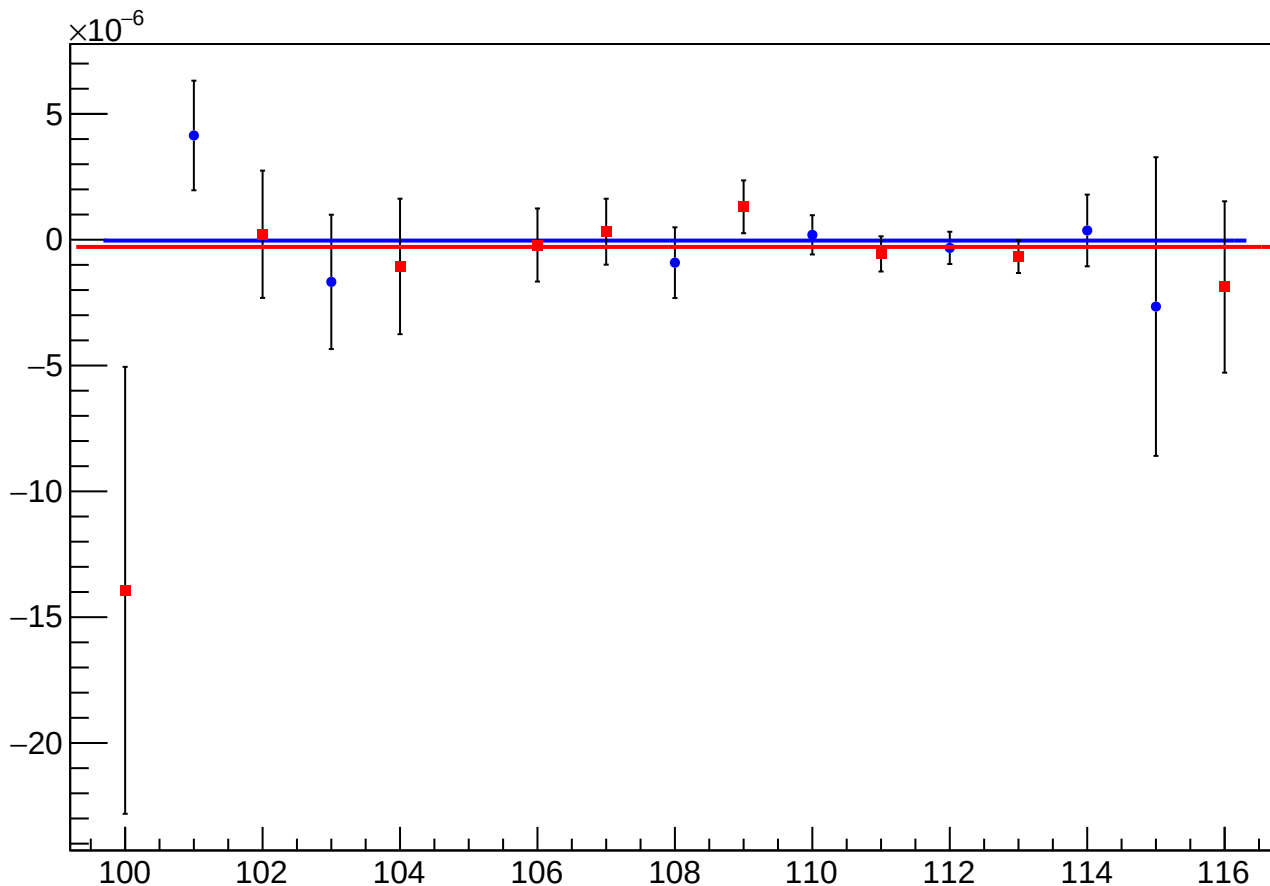
Right: 29.845 $\pm$ 0.009 χ^2/NDF : 718336.0/15

In: 28.871 $\pm$ 0.013 χ^2/NDF : 304100.0/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 29.845 $\pm$ 0.009 χ^2/NDF : 718336.0/15

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

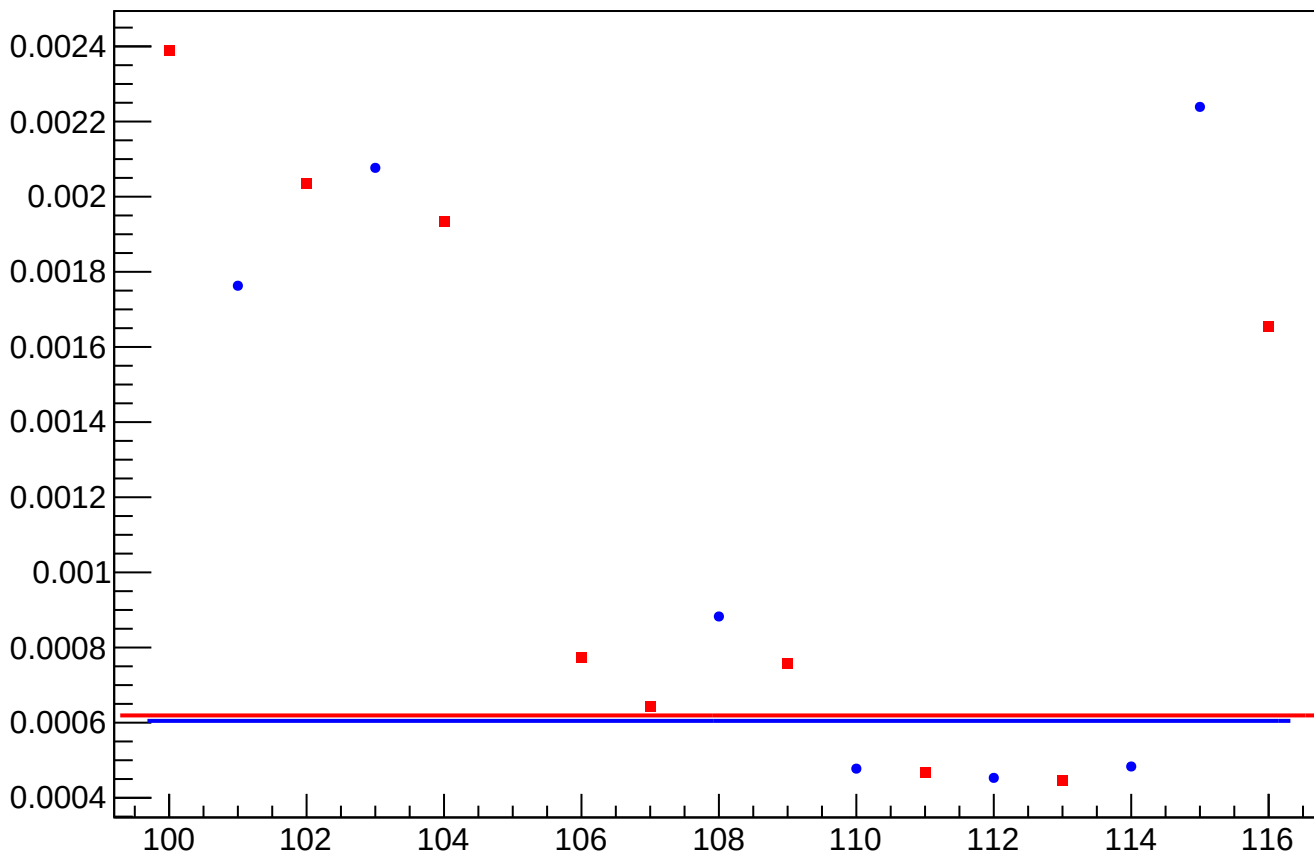
Right: -0.000+/-0.000 χ^2 /NDF: 11.0/15

In: -0.000+/-0.000 χ^2 /NDF:5.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.0/15

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1583287.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1665561.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

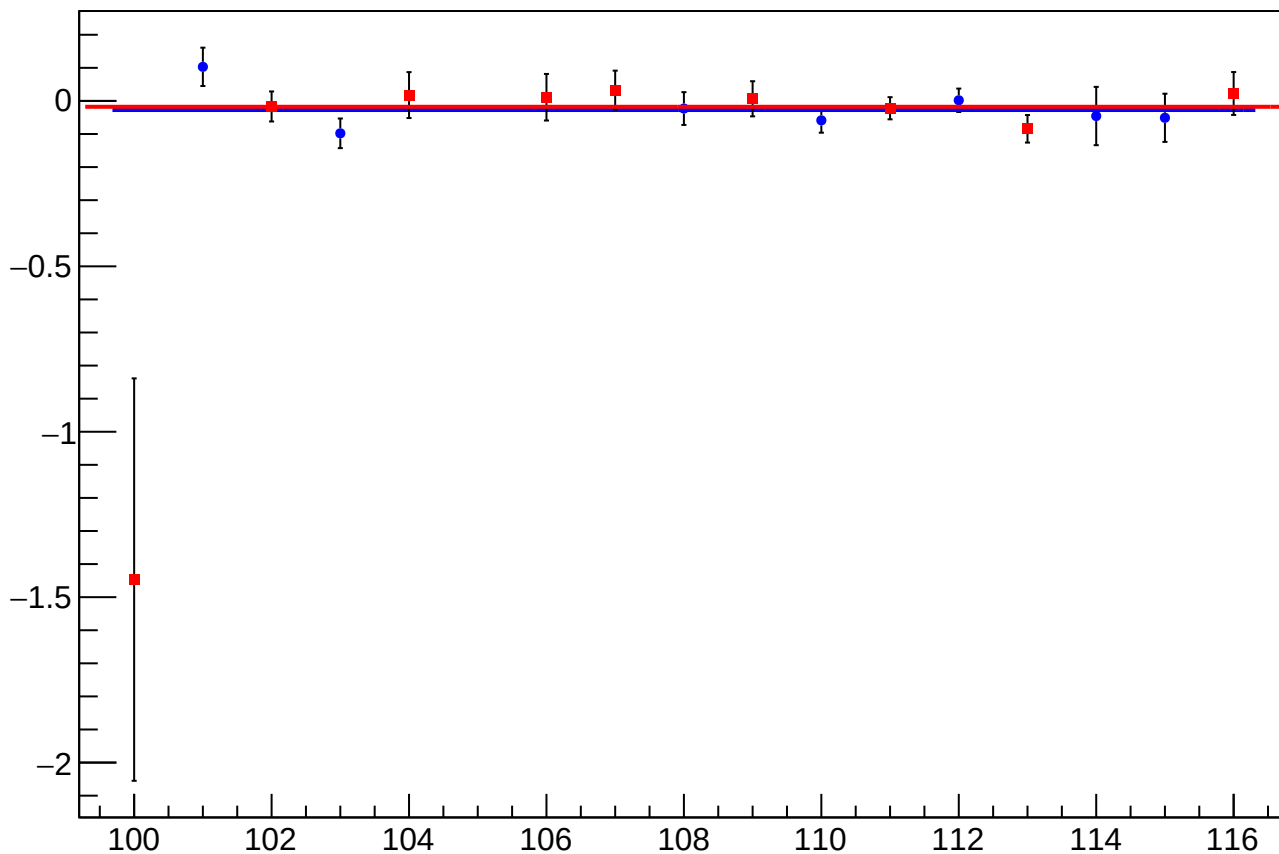
Right: 0.001+/-0.000 χ^2/NDF : 3250117.0/15

In: 0.001+/-0.000 χ^2/NDF :1583287.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3250117.0/15

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.018 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

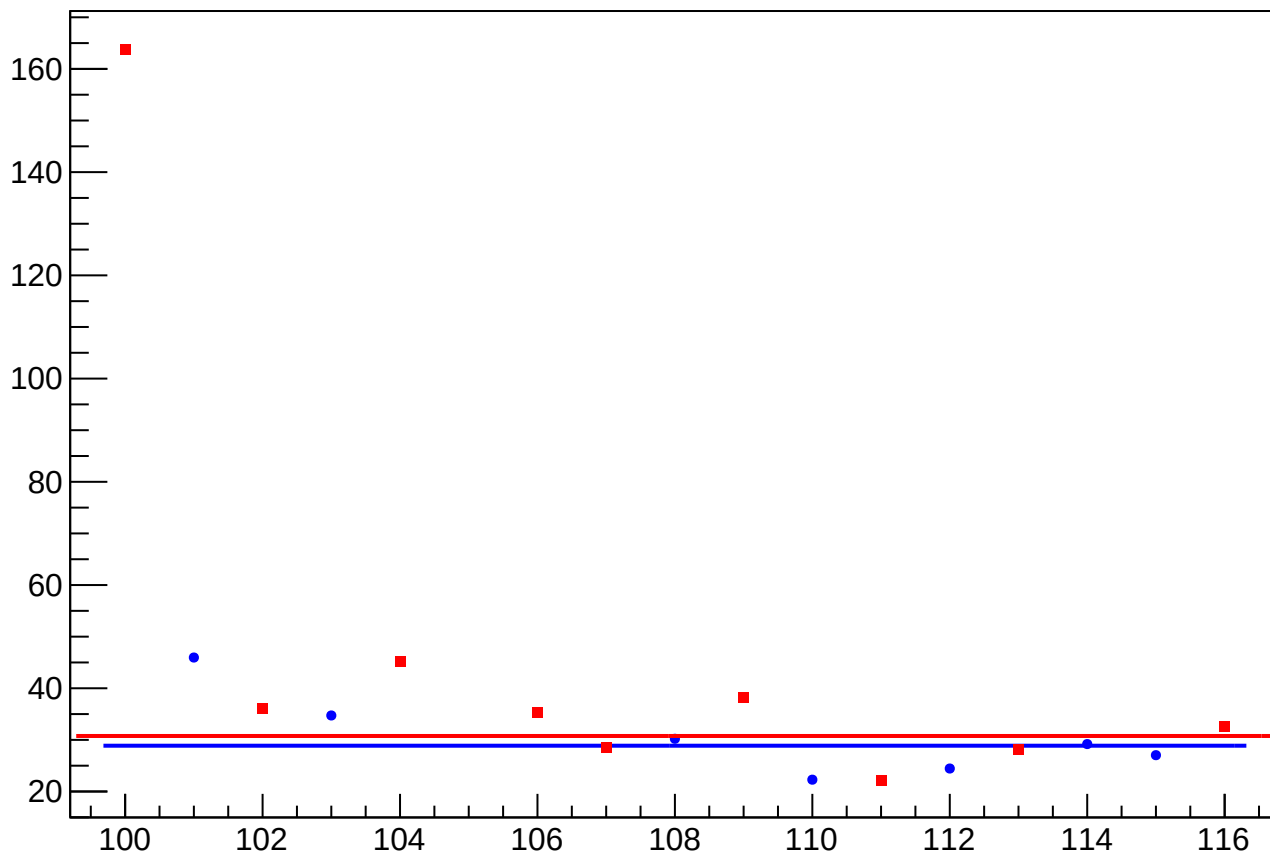
Right: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

In: -0.027 $\pm$ 0.018 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.871+/-0.013 χ^2/NDF : 304113.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.756+/-0.012 χ^2/NDF : 403091.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

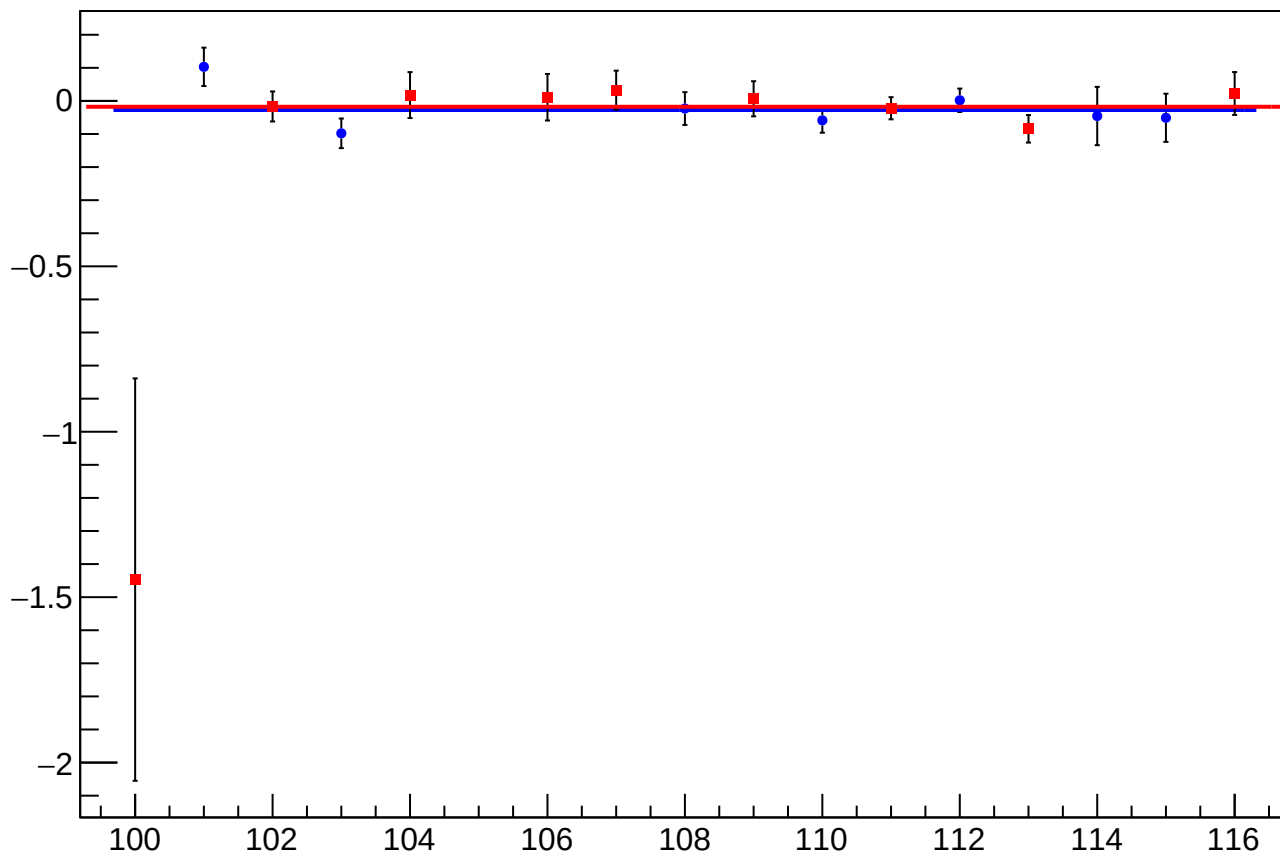
Right: 29.845+/-0.009 χ^2/NDF : 718363.4/15

In: 28.871+/-0.013 χ^2/NDF : 304113.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.845+/-0.009 χ^2/NDF : 718363.4/15

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.018 χ^2 /NDF: 9.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

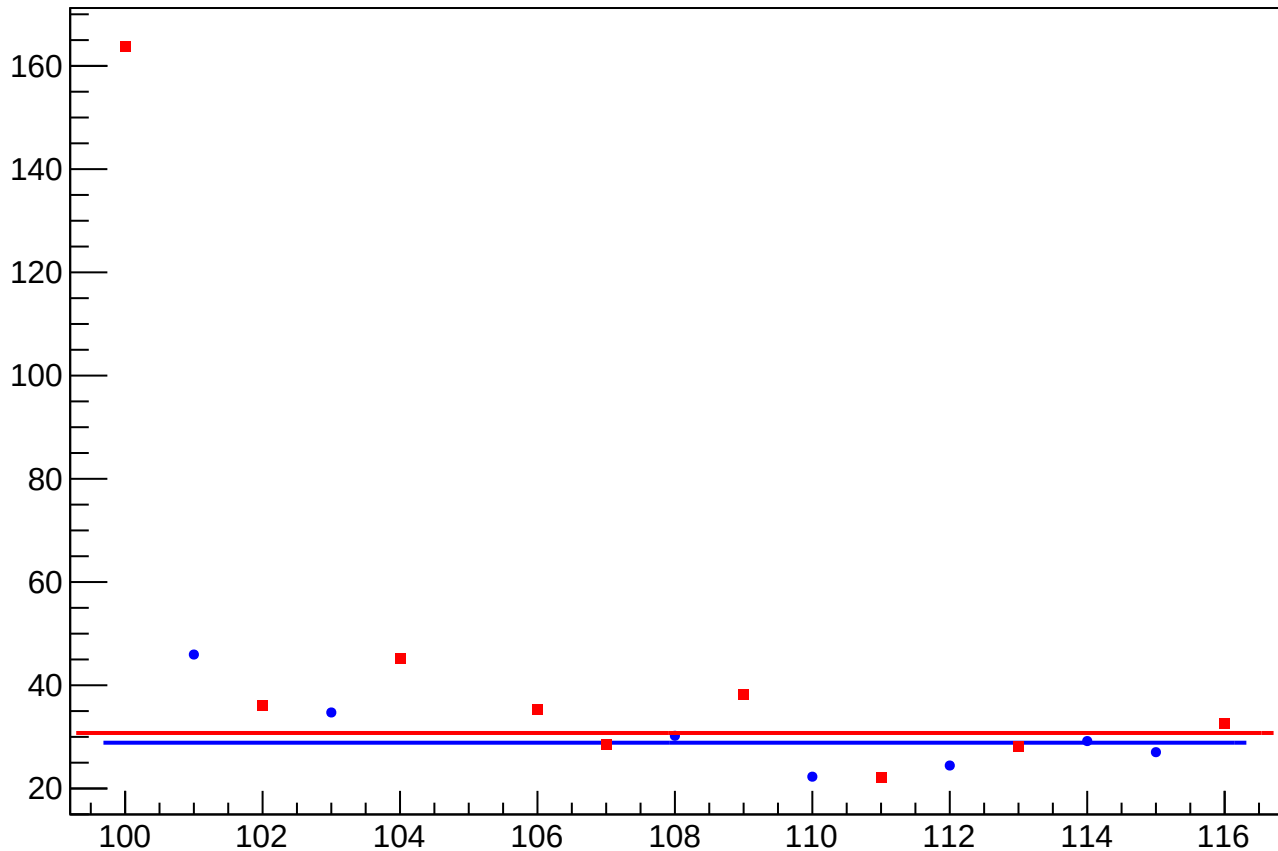
Right: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

In: -0.027 $\pm$ 0.018 χ^2 /NDF:9.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 19.1/15

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.871+/-0.013 χ^2/NDF : 304113.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.756+/-0.012 χ^2/NDF : 403091.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

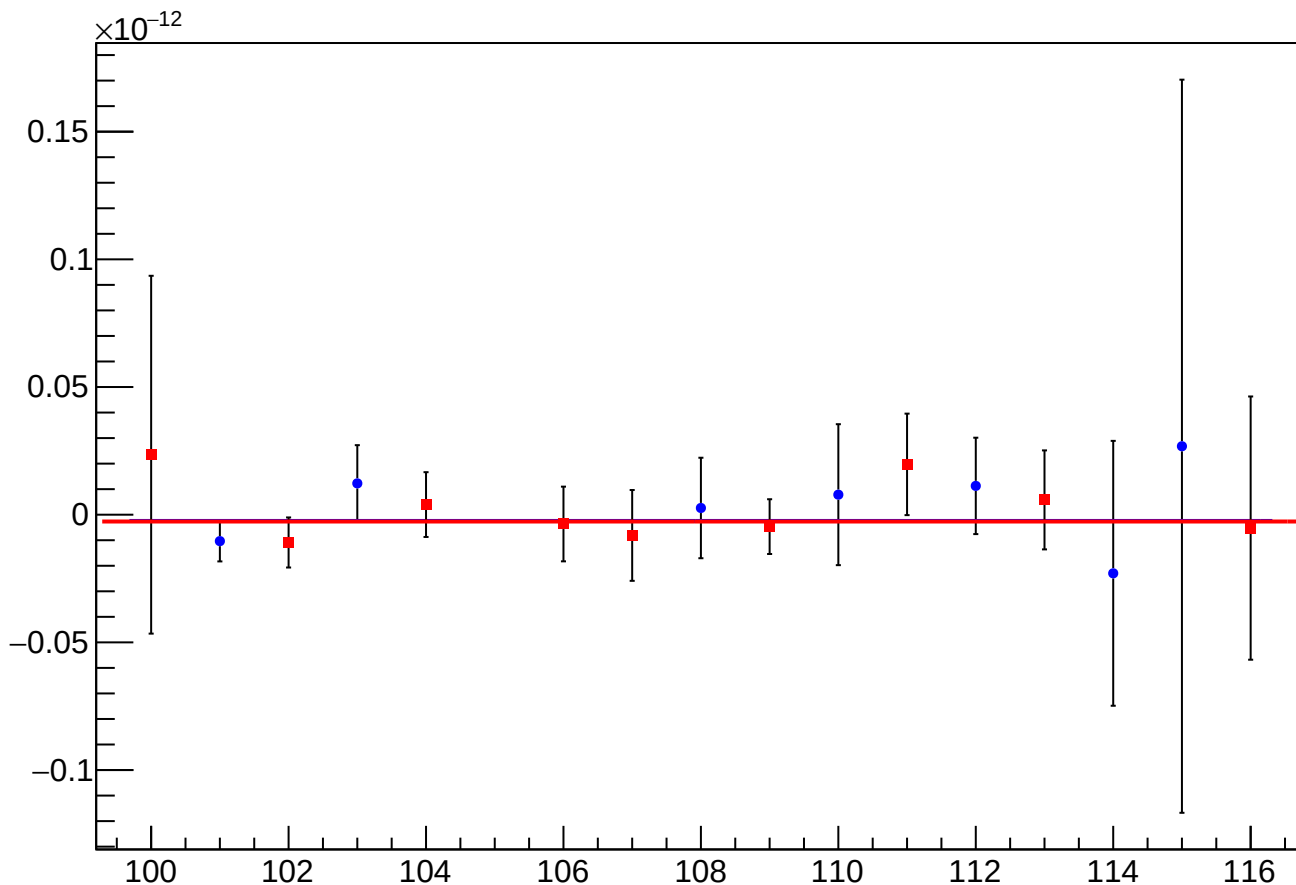
Right: 29.845+/-0.009 χ^2/NDF : 718363.4/15

In: 28.871+/-0.013 χ^2/NDF : 304113.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.845+/-0.009 χ^2/NDF : 718363.4/15

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

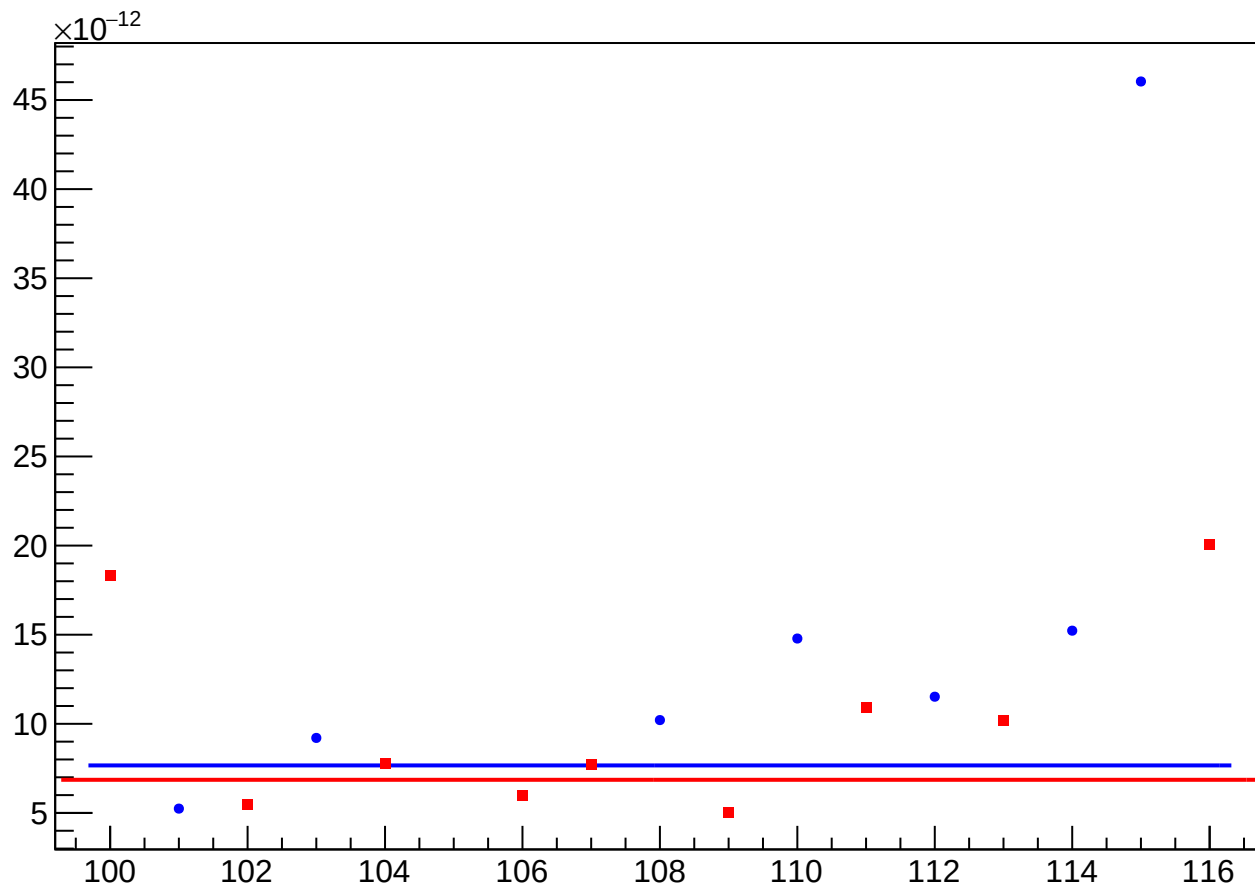
Right: -0.000+/-0.000 χ^2 /NDF: 5.6/15

In: -0.000+/-0.000 χ^2 /NDF:2.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.6/15

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 642362.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 448071.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

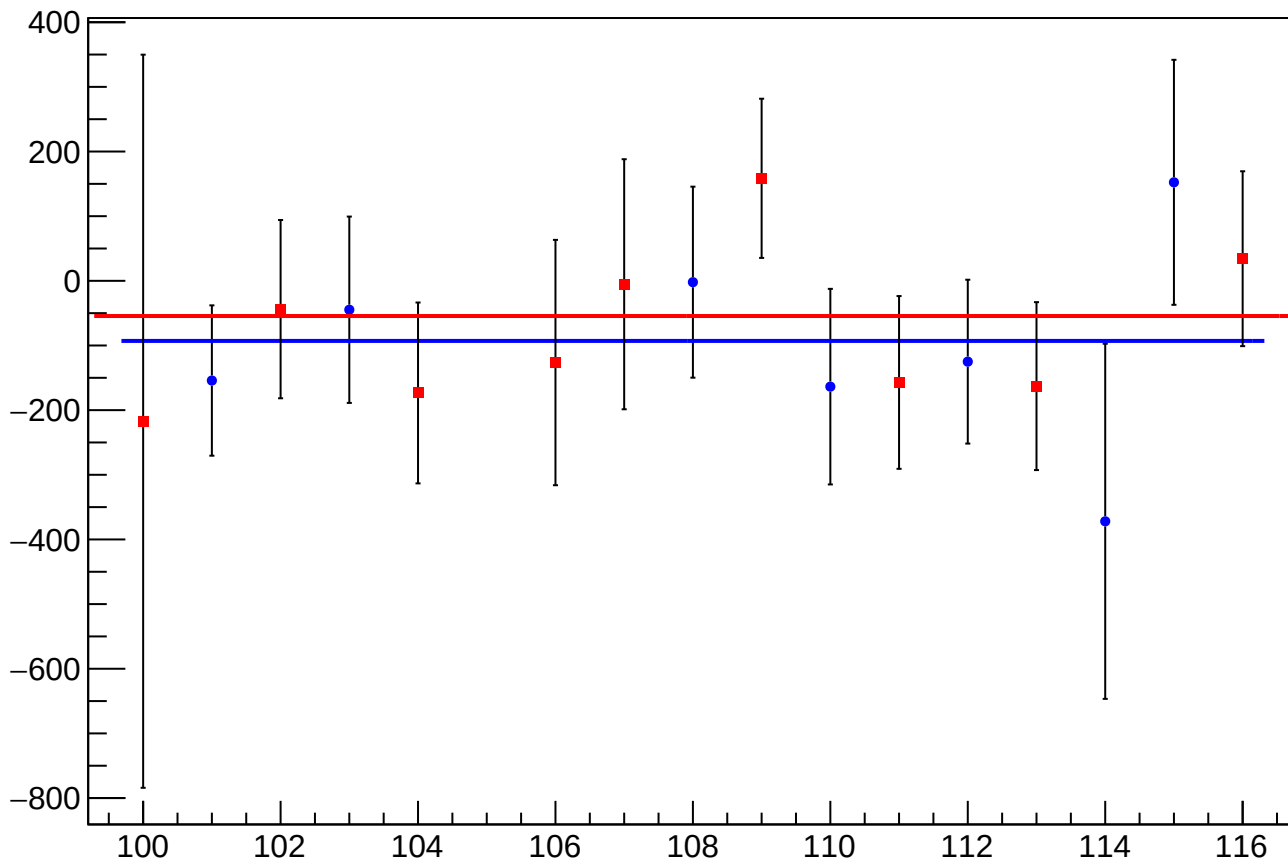
Right: 0.000+/-0.000 χ^2/NDF : 1111352.1/15

In: 0.000+/-0.000 χ^2/NDF : 642362.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1111352.1/15

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -92.933+/-56.337 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.412+/-50.169 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

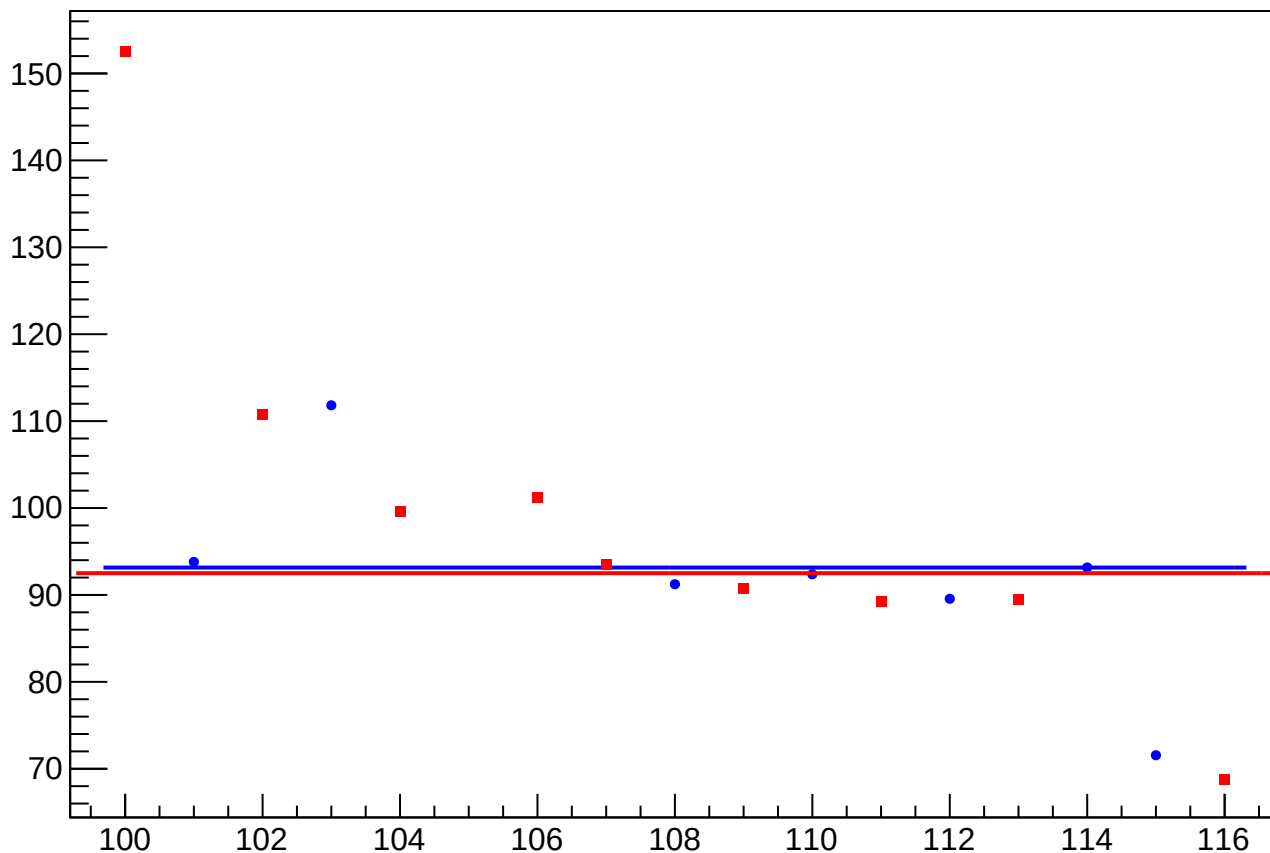
Right: -71.449+/-37.467 χ^2/NDF : 9.8/15

In: -92.933+/-56.337 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.449+/-37.467 χ^2/NDF : 9.8/15

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.151+/-0.040 χ^2/NDF : 61607.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.504+/-0.035 χ^2/NDF : 131386.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

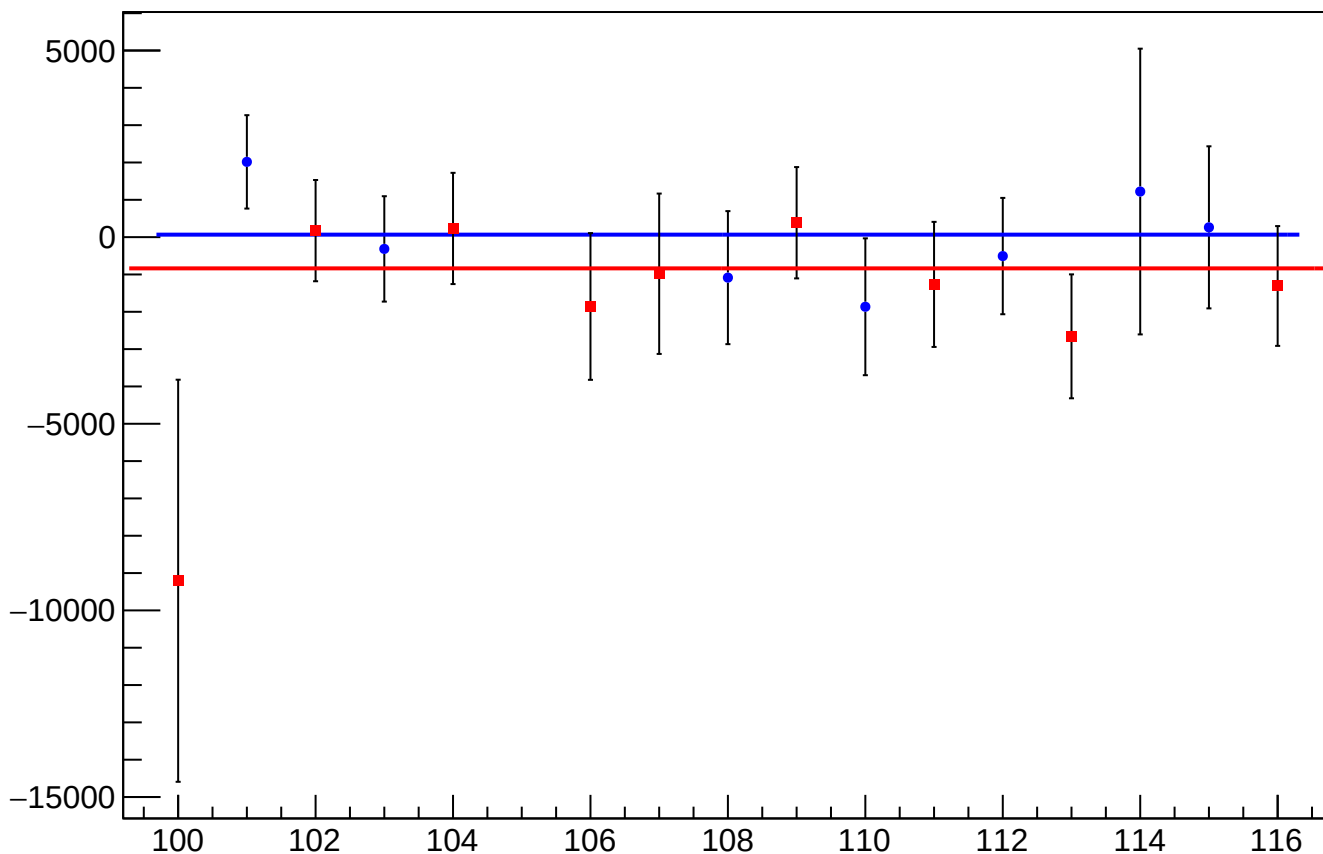
Right: 92.790+/-0.026 χ^2/NDF : 193140.8/15

In: 93.151+/-0.040 χ^2/NDF : 61607.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.790+/-0.026 χ^2/NDF : 193140.8/15

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 66.823+/-639.539 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -836.640+/-571.552 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

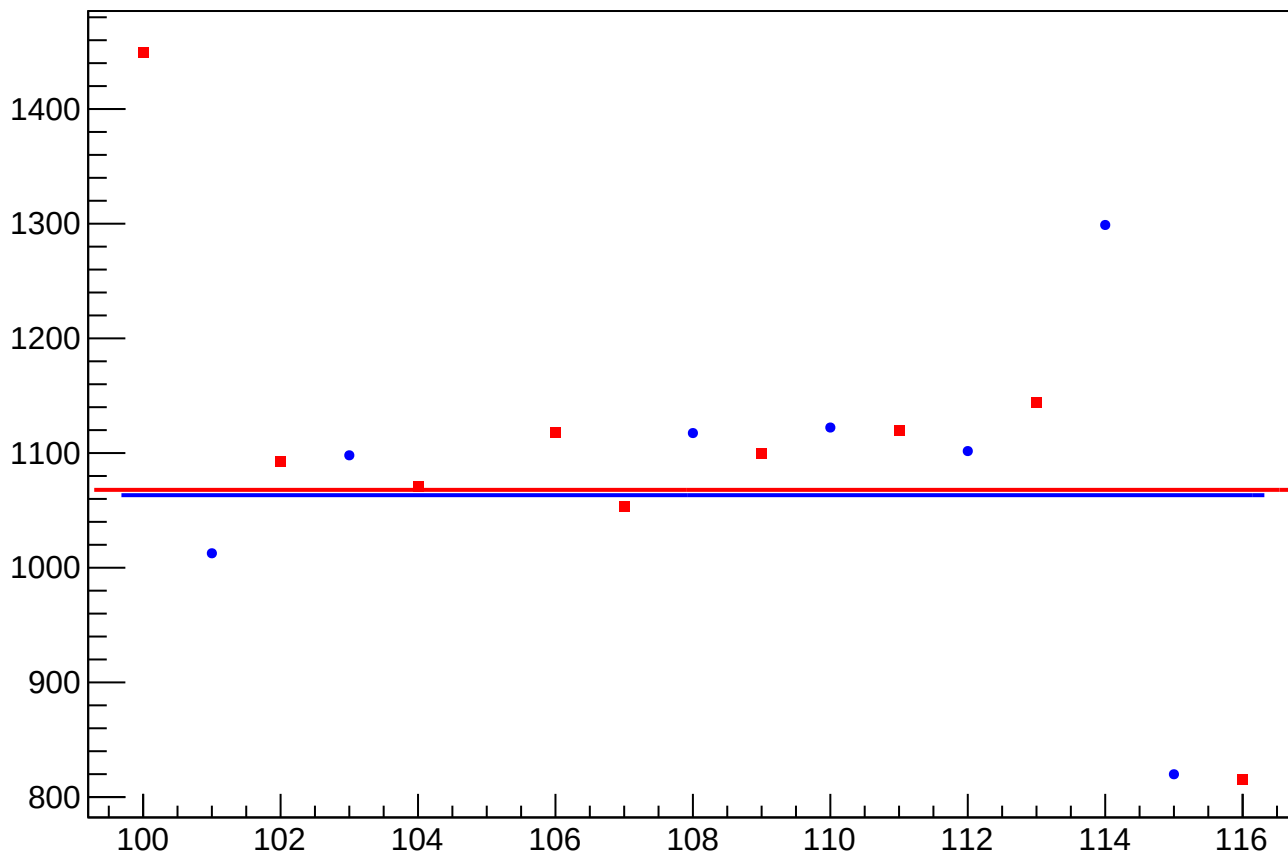
Right: -435.467+/-426.165 χ^2/NDF : 11.2/15

In: 66.823+/-639.539 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.467+/-426.165 χ^2/NDF : 11.2/15

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1063.262+/-0.452 χ^2/NDF : 42335.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.901+/-0.404 χ^2/NDF : 68690.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

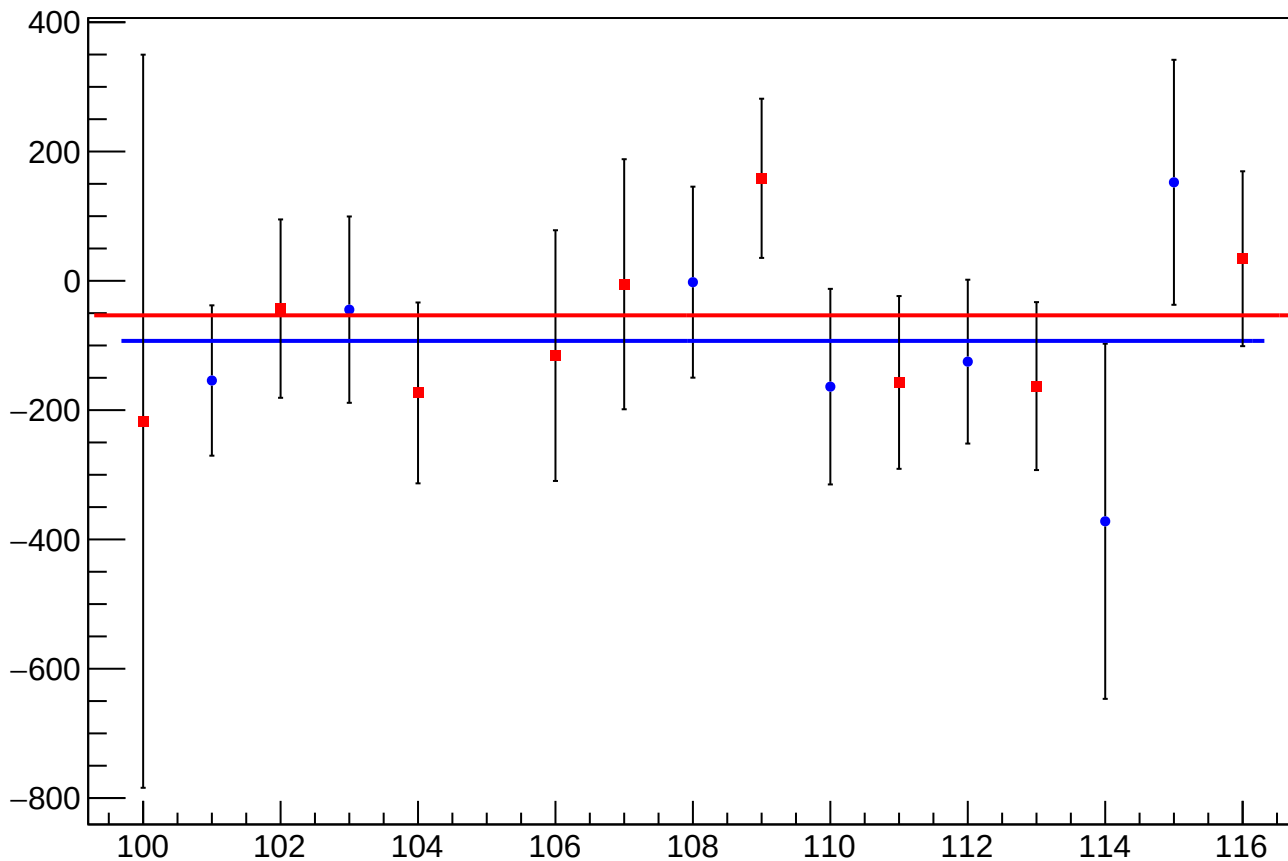
Right: 1065.841+/-0.301 χ^2/NDF : 111084.3/15

In: 1063.262+/-0.452 χ^2/NDF : 42335.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.841+/-0.301 χ^2/NDF : 111084.3/15

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -92.914 $\pm$ 56.338 χ^2 /NDF: 3.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -53.371 $\pm$ 50.248 χ^2 /NDF: 5.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

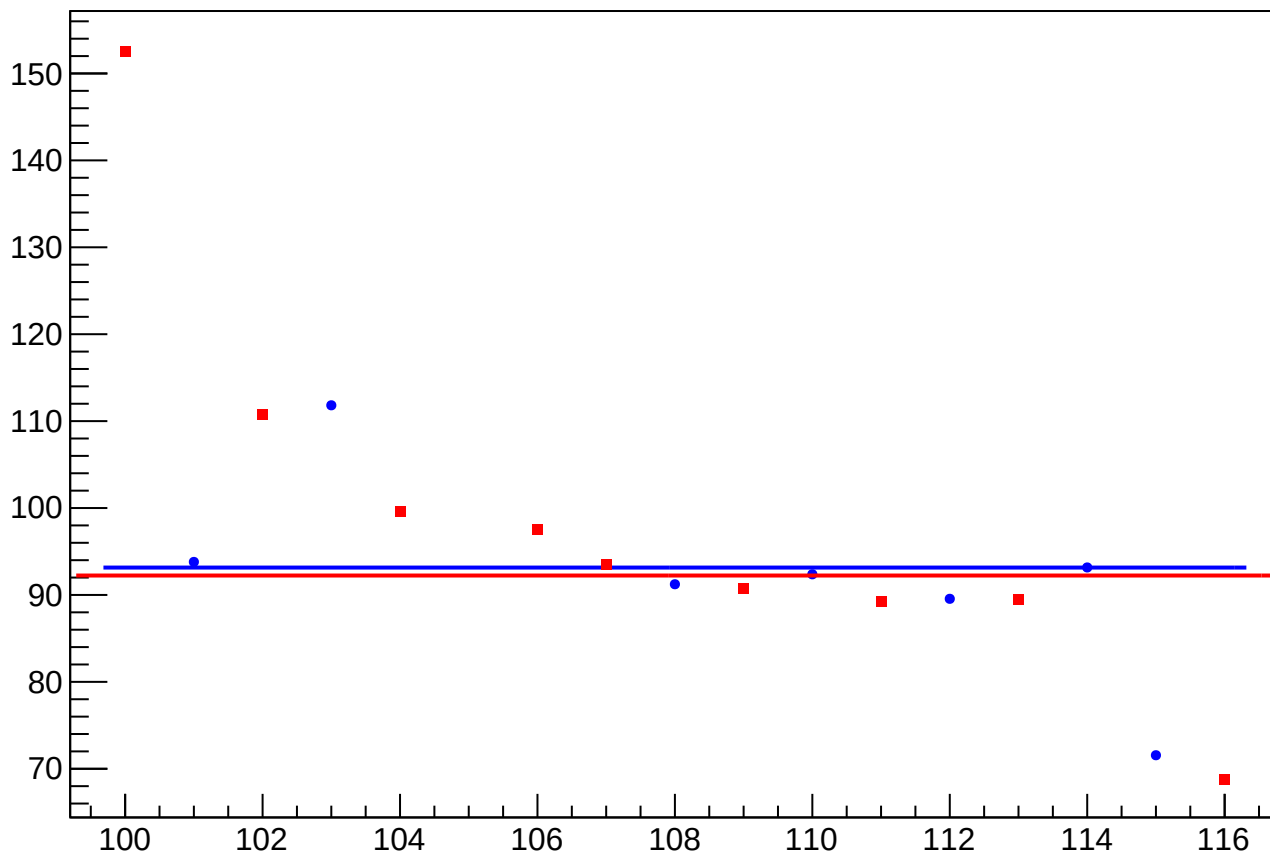
Right: -70.890 $\pm$ 37.499 χ^2 /NDF: 9.7/15

In: -92.914 $\pm$ 56.338 χ^2 /NDF:3.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.890 $\pm$ 37.499 χ^2 /NDF: 9.7/15

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.151+/-0.040 χ^2/NDF : 61609.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.236+/-0.036 χ^2/NDF : 128645.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

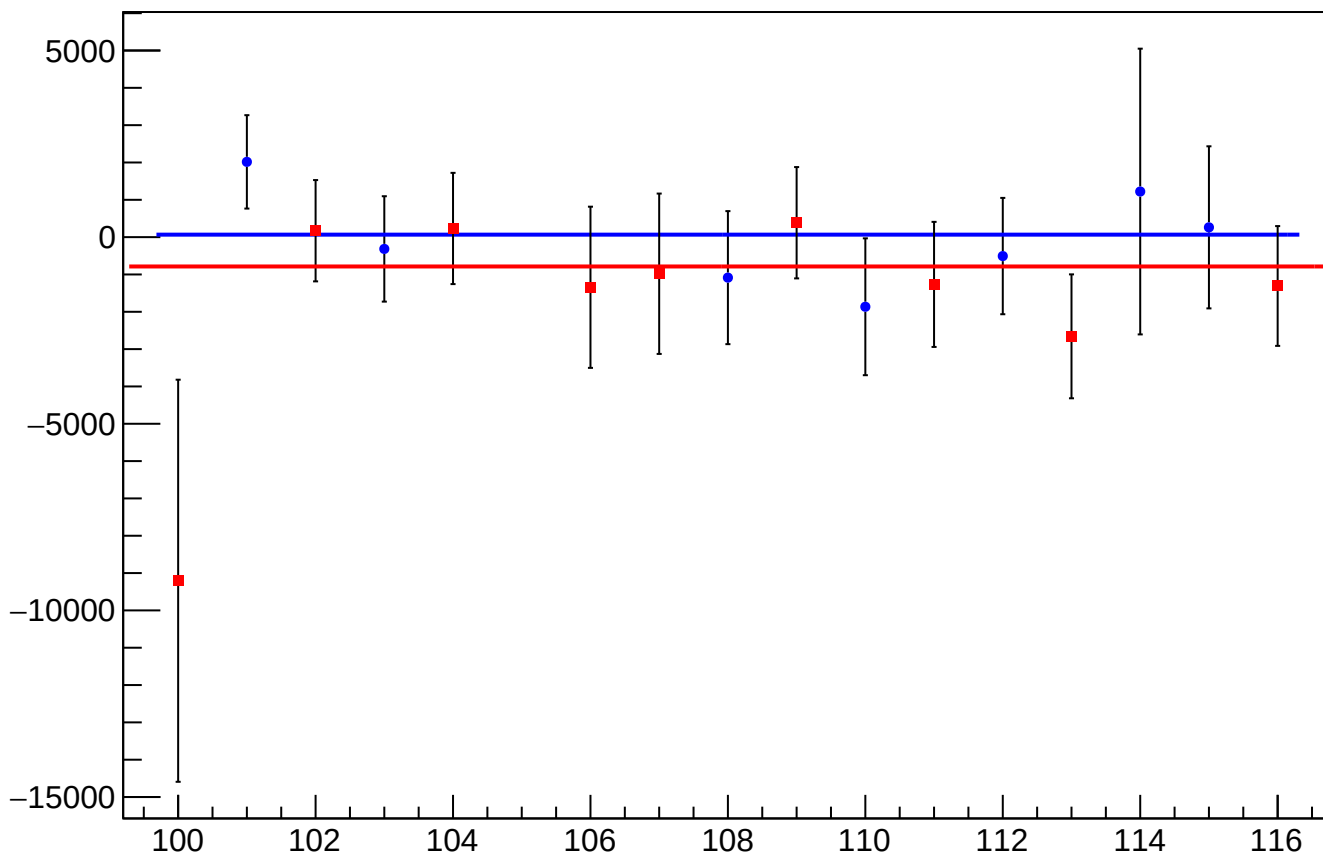
Right: 92.641+/-0.027 χ^2/NDF : 190548.3/15

In: 93.151+/-0.040 χ^2/NDF : 61609.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.641+/-0.027 χ^2/NDF : 190548.3/15

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 66.724+/-639.546 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -785.839+/-575.804 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

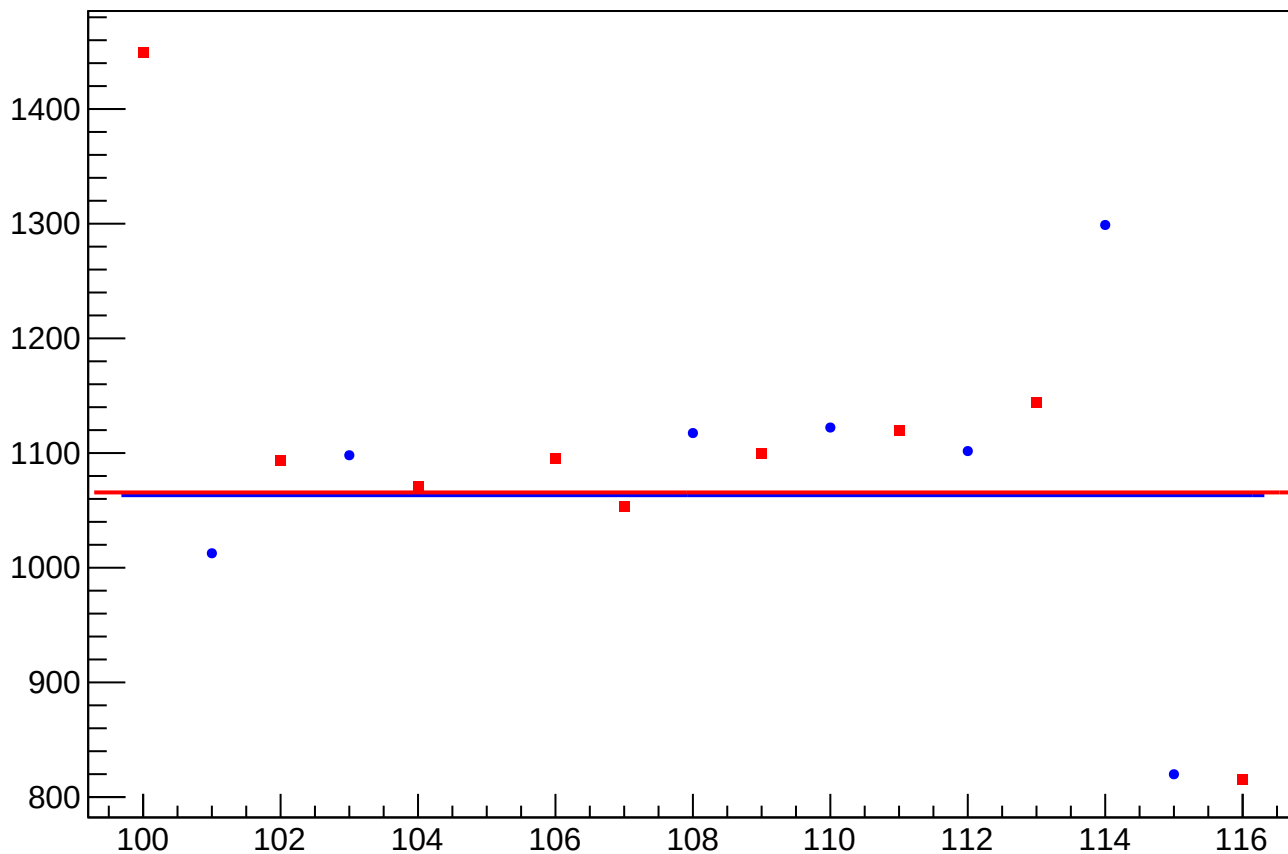
Right: -404.150+/-427.921 χ^2/NDF : 10.8/15

In: 66.724+/-639.546 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.150+/-427.921 χ^2/NDF : 10.8/15

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1063.273+/-0.452 χ^2/NDF : 42338.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1065.659+/-0.407 χ^2/NDF : 67723.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

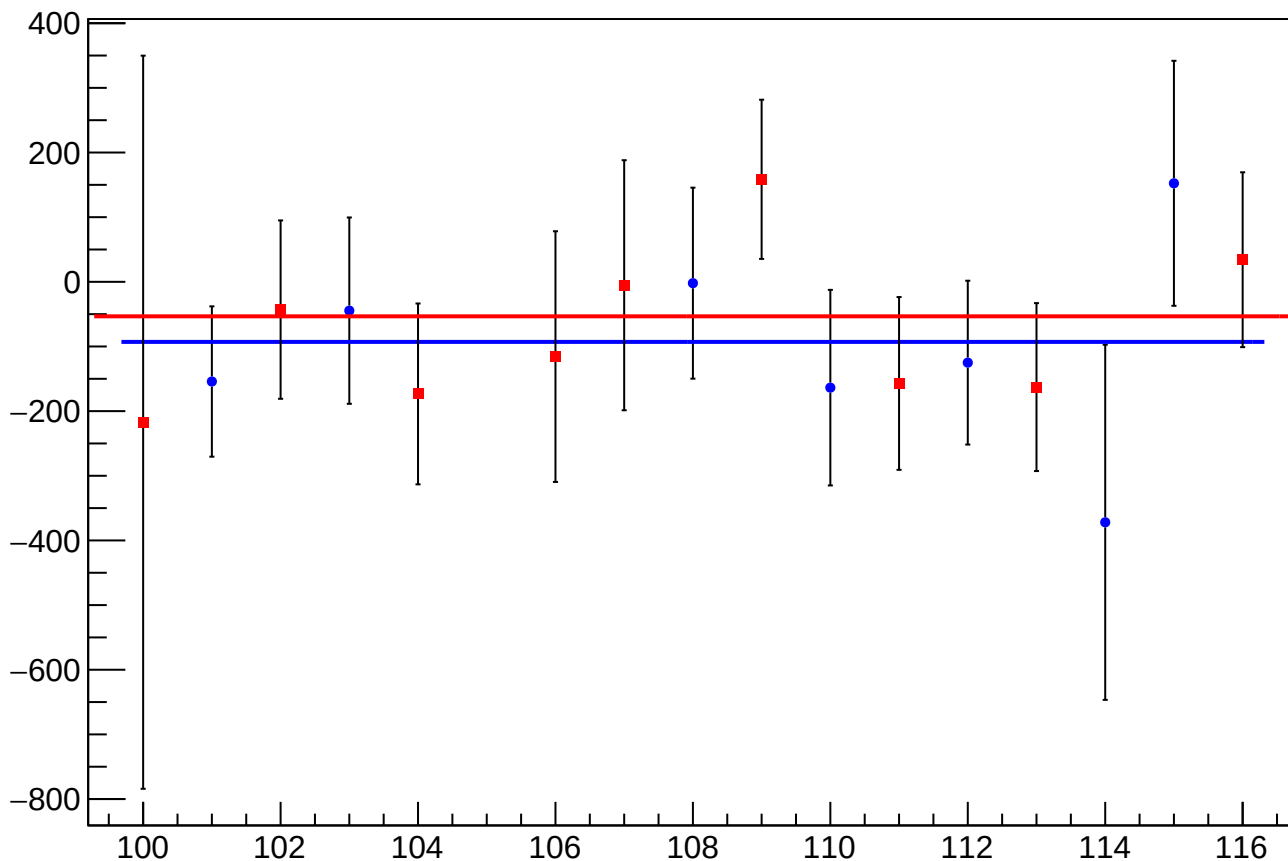
Right: 1064.590+/-0.303 χ^2/NDF : 110077.2/15

In: 1063.273+/-0.452 χ^2/NDF : 42338.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.590+/-0.303 χ^2/NDF : 110077.2/15

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -92.914+/-56.338 χ^2/NDF : 3.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.371+/-50.248 χ^2/NDF : 5.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

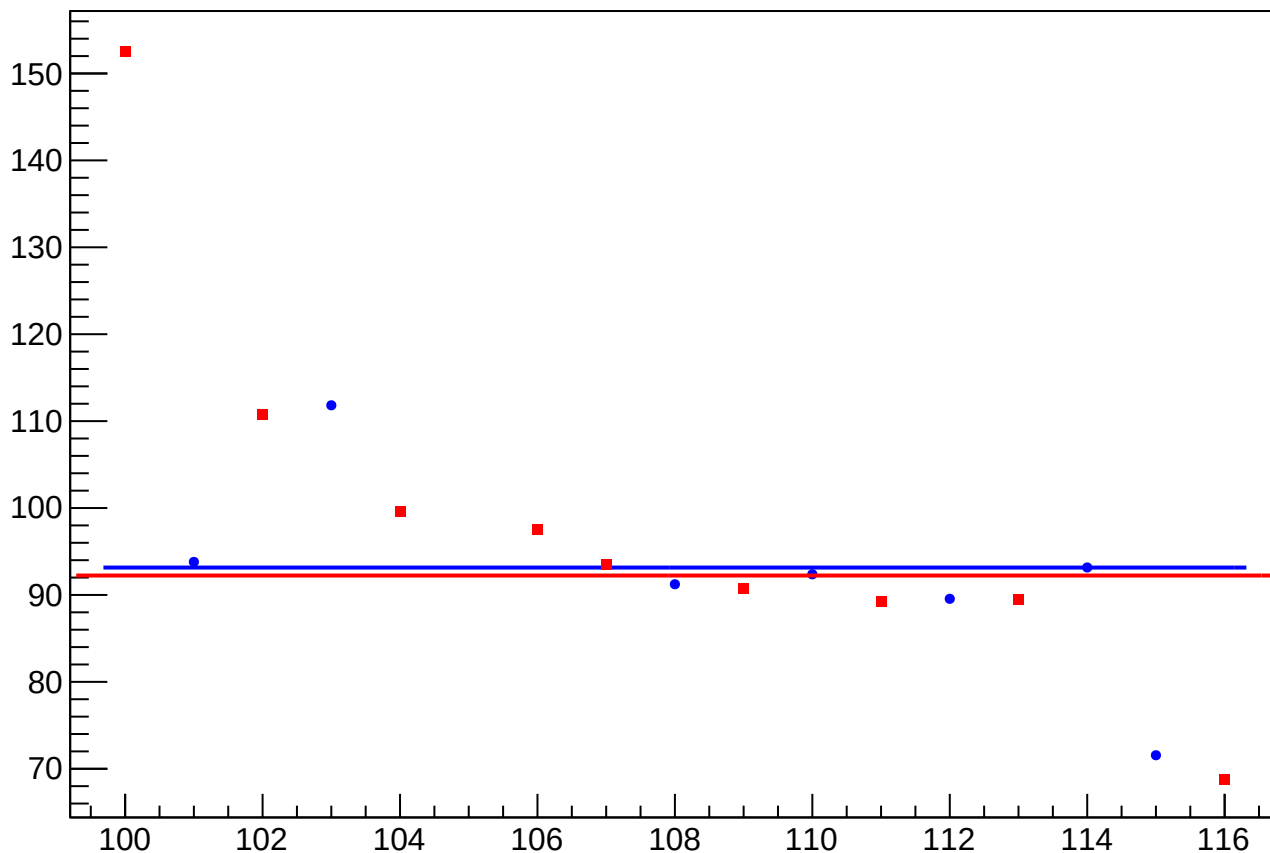
Right: -70.890+/-37.499 χ^2/NDF : 9.7/15

In: -92.914+/-56.338 χ^2/NDF : 3.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.890+/-37.499 χ^2/NDF : 9.7/15

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.151+/-0.040 χ^2/NDF : 61609.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.236+/-0.036 χ^2/NDF : 128645.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

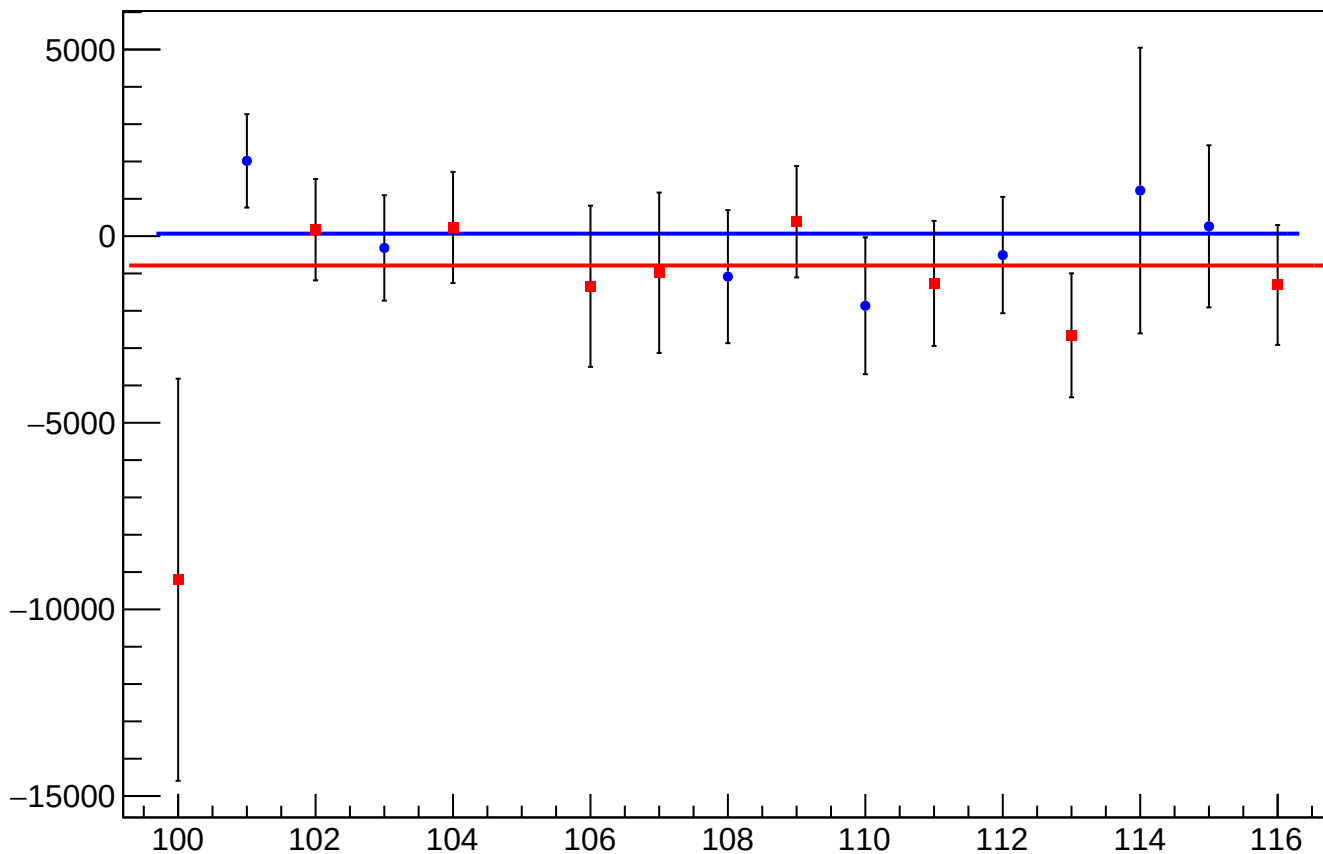
Right: 92.641+/-0.027 χ^2/NDF : 190548.3/15

In: 93.151+/-0.040 χ^2/NDF : 61609.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.641+/-0.027 χ^2/NDF : 190548.3/15

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 66.724+/-639.546 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -785.839+/-575.804 χ^2/NDF : 5.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

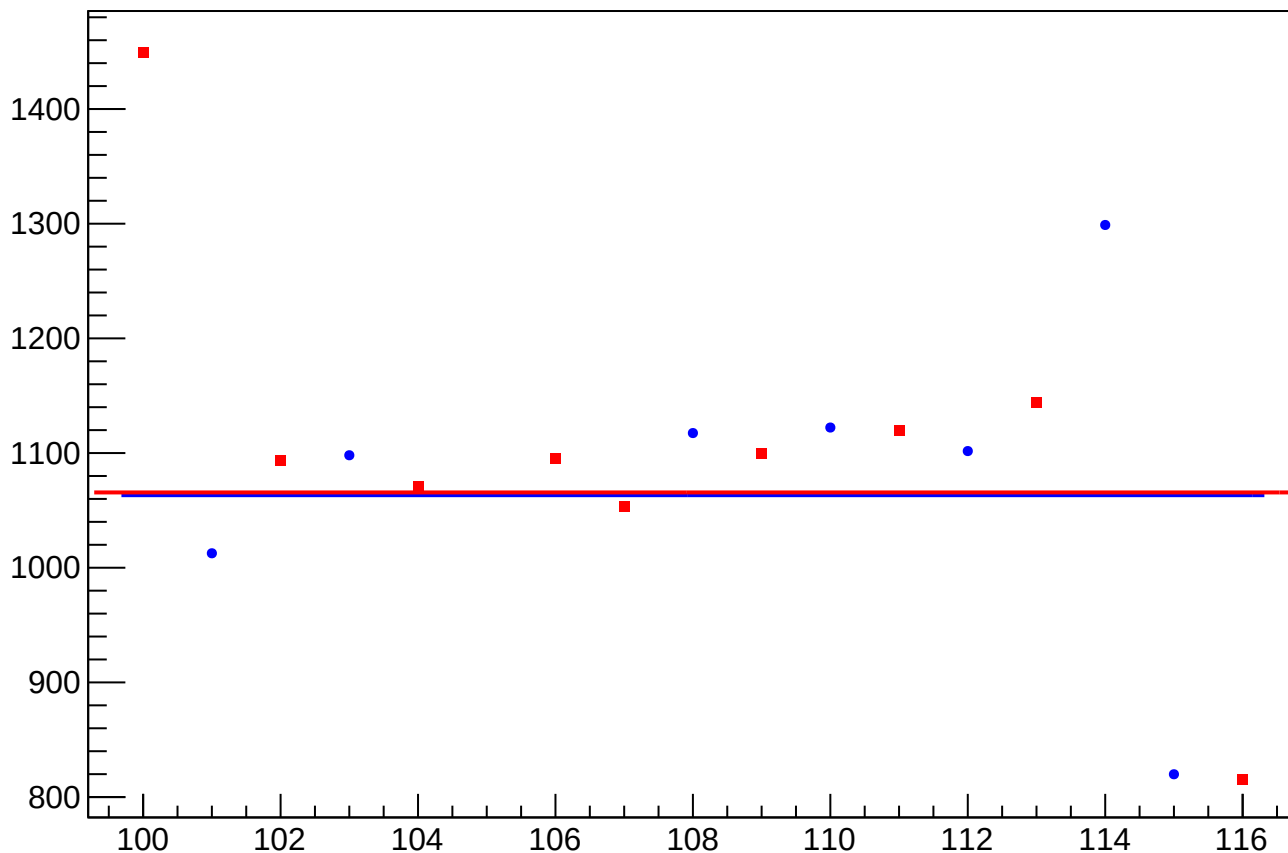
Right: -404.150+/-427.921 χ^2/NDF : 10.8/15

In: 66.724+/-639.546 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.150+/-427.921 χ^2/NDF : 10.8/15

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1063.273+/-0.452 χ^2/NDF : 42338.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1065.659+/-0.407 χ^2/NDF : 67723.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

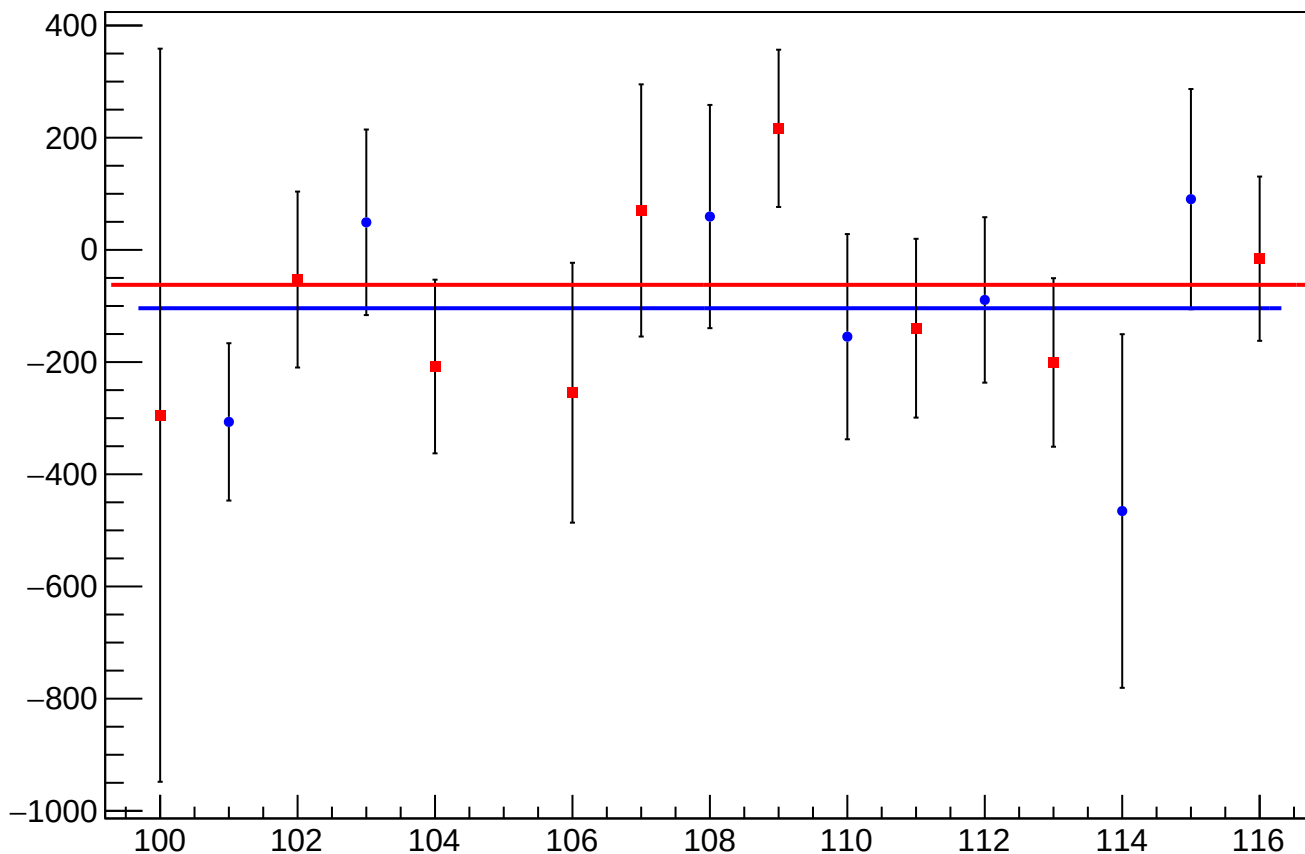
Right: 1064.590+/-0.303 χ^2/NDF : 110077.2/15

In: 1063.273+/-0.452 χ^2/NDF : 42338.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.590+/-0.303 χ^2/NDF : 110077.2/15

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -104.005 ± 66.737 χ^2/NDF : 6.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.315 ± 57.315 χ^2/NDF : 7.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

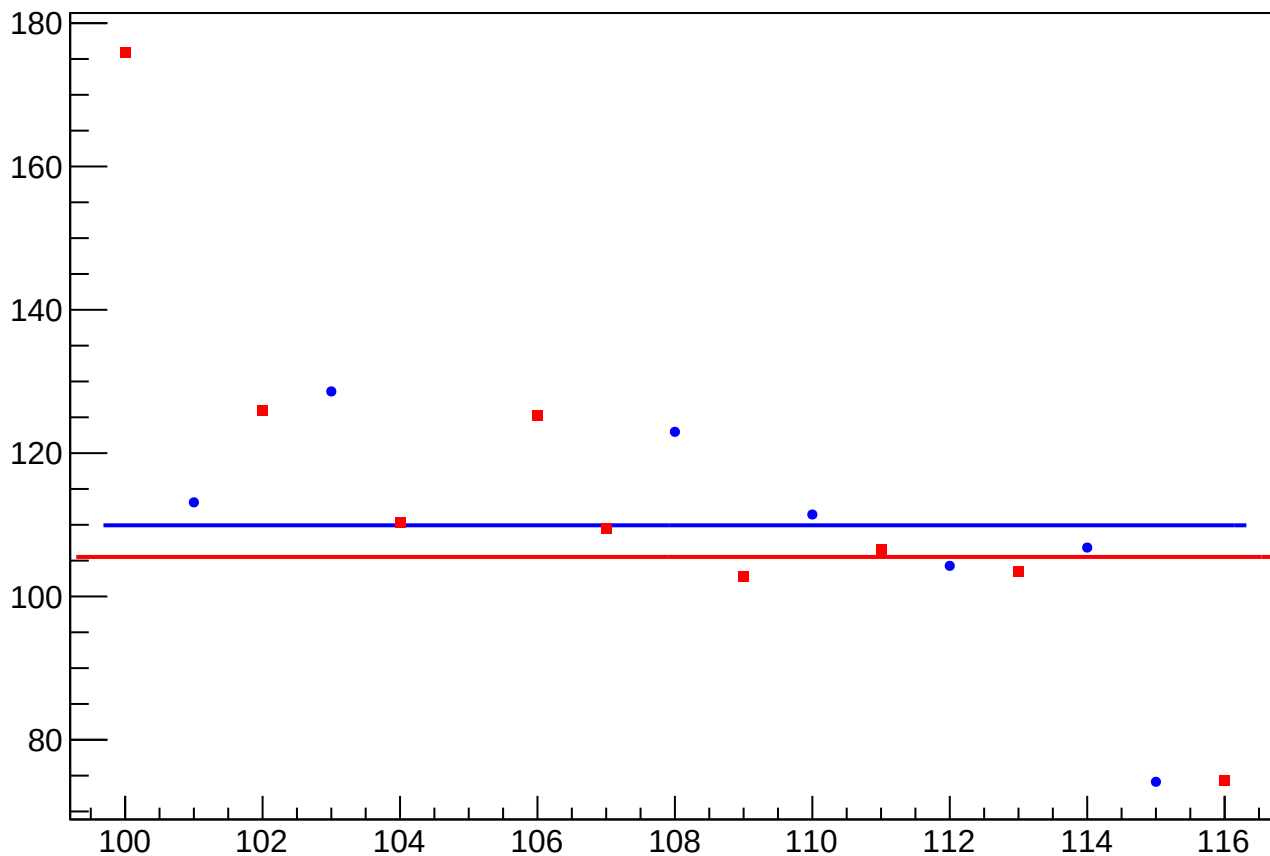
Right: -80.012 ± 43.481 χ^2/NDF : 13.4/15

In: -104.005 ± 66.737 χ^2/NDF : 6.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.012 ± 43.481 χ^2/NDF : 13.4/15

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 109.930 $\pm$ 0.047 χ^2 /NDF: 104916.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.515 $\pm$ 0.041 χ^2 /NDF: 165763.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

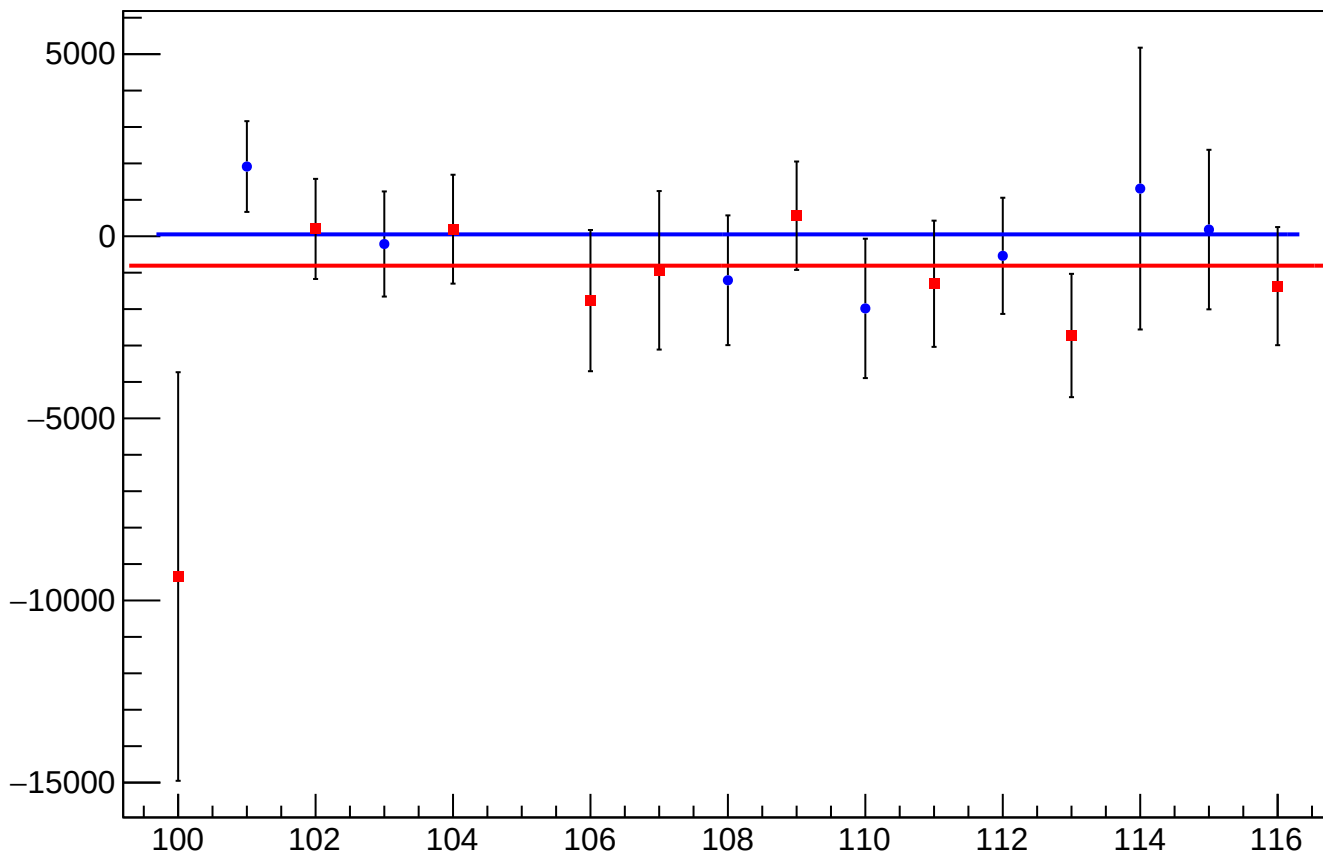
Right: 107.389 $\pm$ 0.031 χ^2 /NDF: 275716.5/15

In: 109.930 $\pm$ 0.047 χ^2 /NDF:104916.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.389 $\pm$ 0.031 χ^2 /NDF: 275716.5/15

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 51.779+/-648.084 χ^2/NDF : 4.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -807.466+/-577.379 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

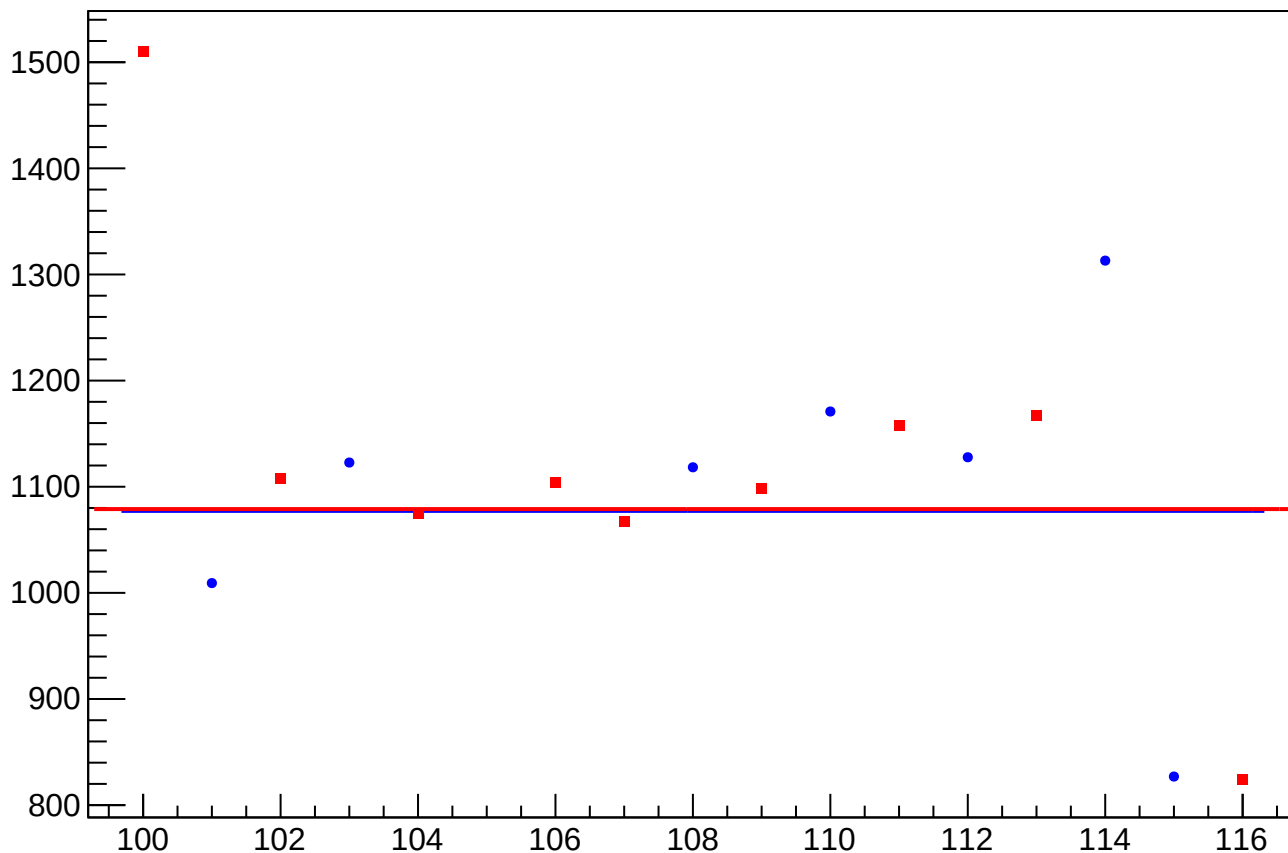
Right: -427.254+/-431.108 χ^2/NDF : 11.0/15

In: 51.779+/-648.084 χ^2/NDF : 4.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.254+/-431.108 χ^2/NDF : 11.0/15

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.250+/-0.458 χ^2/NDF : 49375.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1078.952+/-0.408 χ^2/NDF : 72395.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

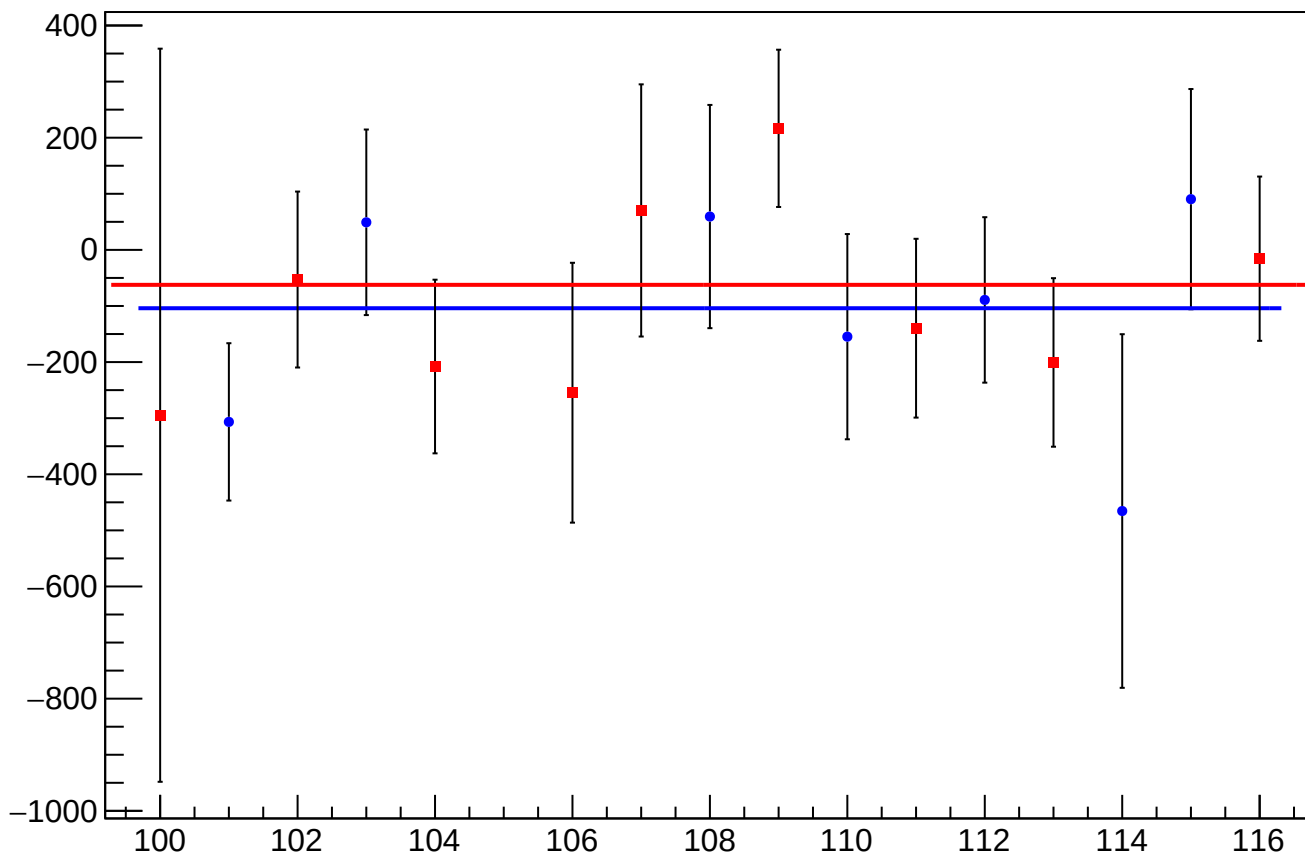
Right: 1078.199+/-0.305 χ^2/NDF : 121778.5/15

In: 1077.250+/-0.458 χ^2/NDF : 49375.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.199+/-0.305 χ^2/NDF : 121778.5/15

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -104.003 ± 66.736 χ^2/NDF : 6.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.314 ± 57.315 χ^2/NDF : 7.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

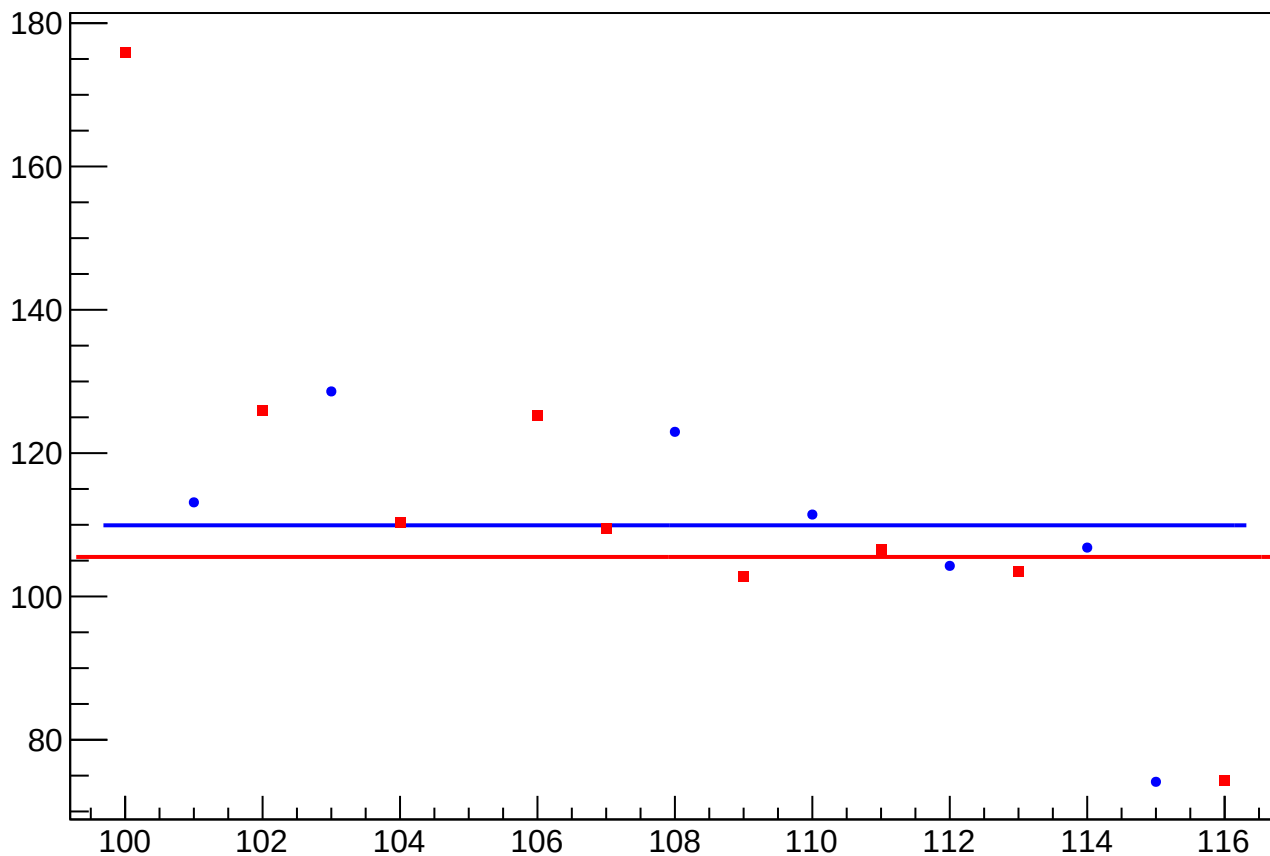
Right: -80.010 ± 43.481 χ^2/NDF : 13.4/15

In: -104.003 ± 66.736 χ^2/NDF : 6.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.010 ± 43.481 χ^2/NDF : 13.4/15

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 109.929+/-0.047 χ^2/NDF : 104914.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.515+/-0.041 χ^2/NDF : 165755.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

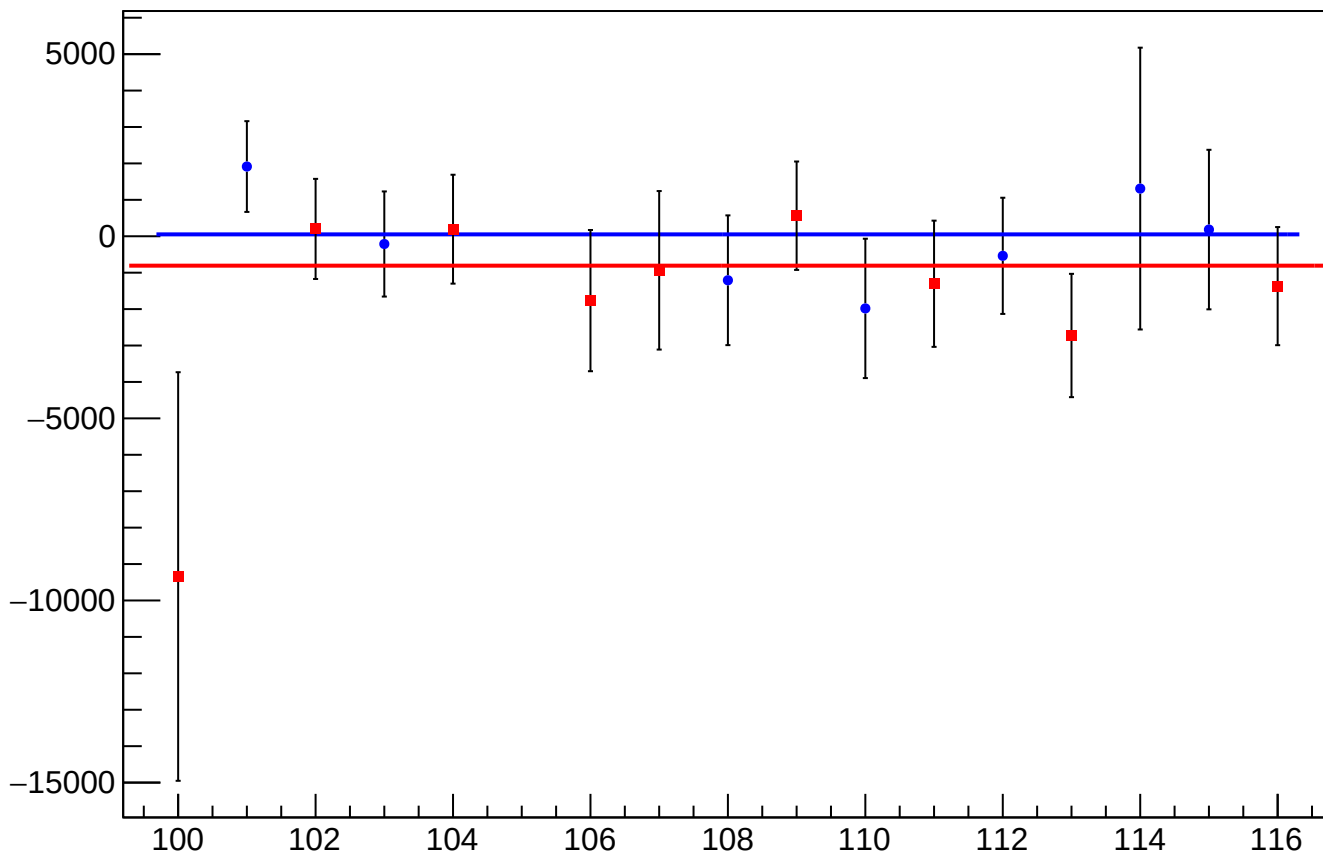
Right: 107.389+/-0.031 χ^2/NDF : 275704.6/15

In: 109.929+/-0.047 χ^2/NDF : 104914.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.389+/-0.031 χ^2/NDF : 275704.6/15

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 51.779+/-648.082 χ^2 /NDF: 4.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -807.465+/-577.378 χ^2 /NDF: 5.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

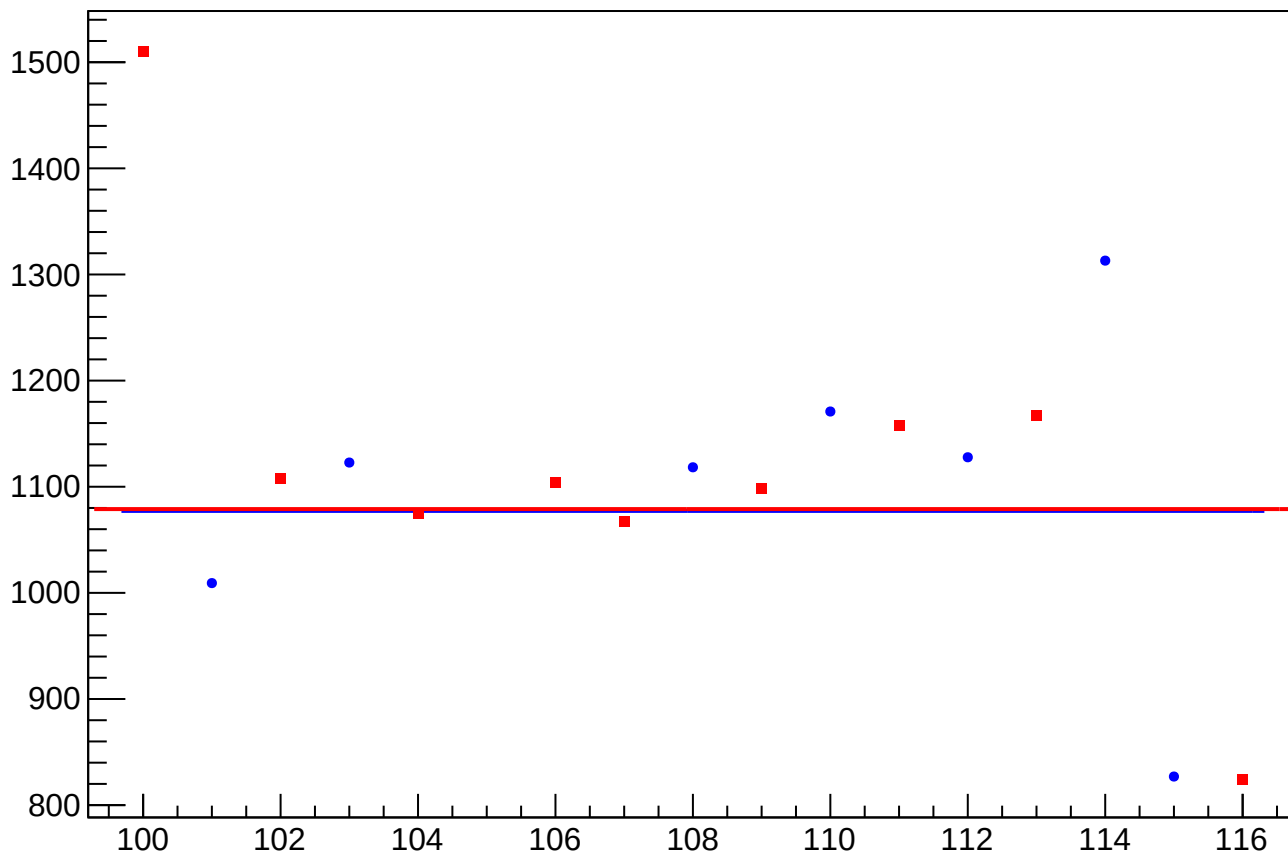
Right: -427.254+/-431.106 χ^2 /NDF: 11.0/15

In: 51.779+/-648.082 χ^2 /NDF:4.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -427.254+/-431.106 χ^2 /NDF: 11.0/15

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.248+/-0.458 χ^2/NDF : 49372.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1078.949+/-0.408 χ^2/NDF : 72392.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

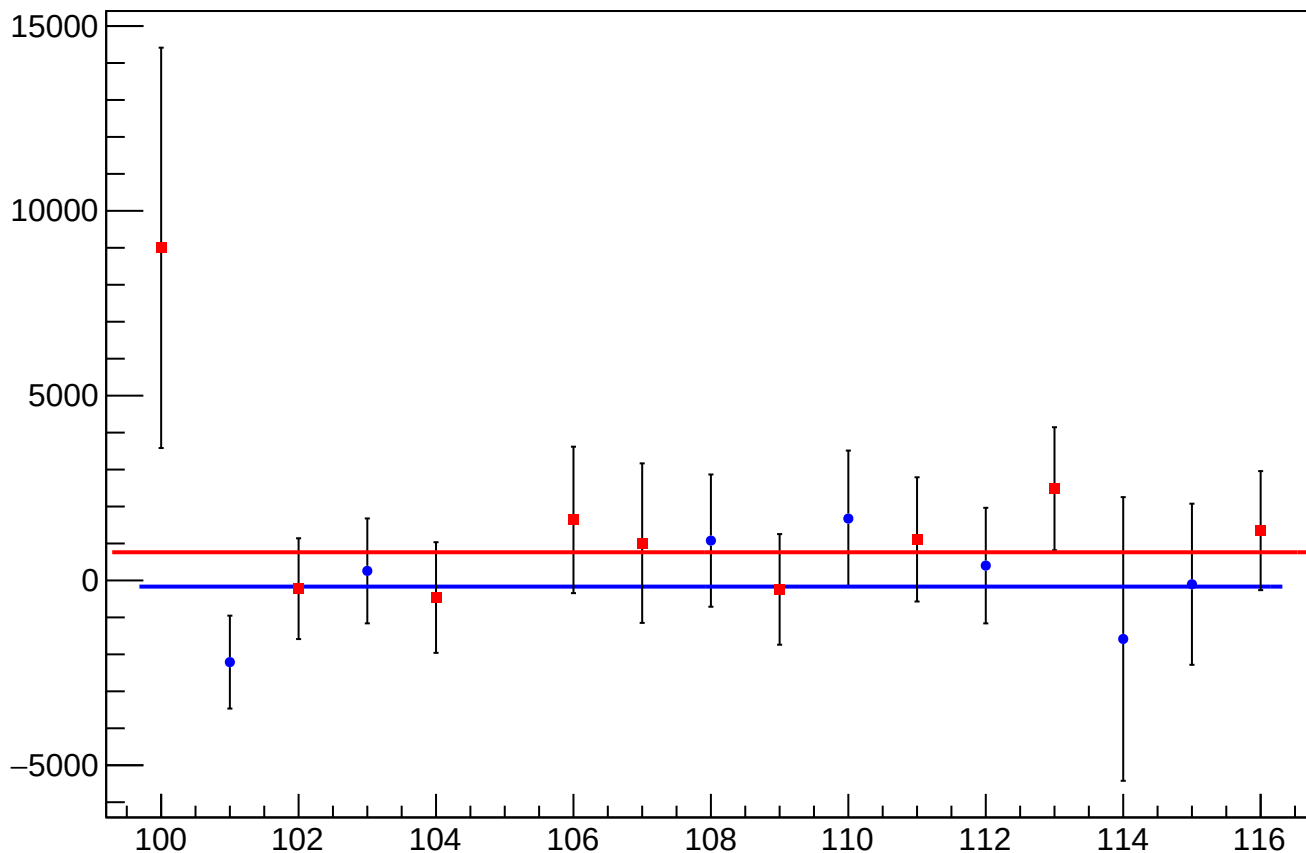
Right: 1078.196+/-0.305 χ^2/NDF : 121772.4/15

In: 1077.248+/-0.458 χ^2/NDF : 49372.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.196+/-0.305 χ^2/NDF : 121772.4/15

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -166.603+/-642.220 χ^2 /NDF: 4.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 762.540+/-574.067 χ^2 /NDF: 5.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

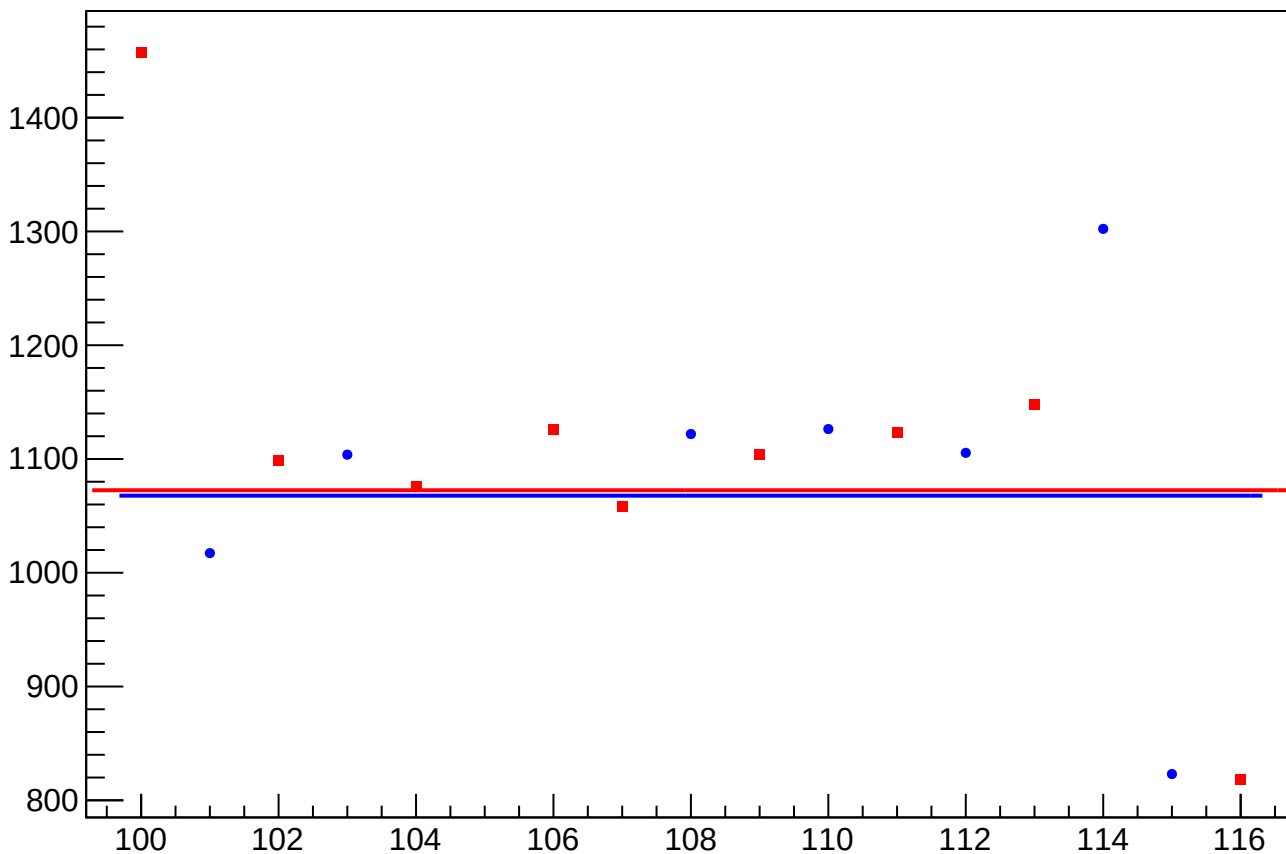
Right: 349.869+/-428.001 χ^2 /NDF: 11.1/15

In: -166.603+/-642.220 χ^2 /NDF:4.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 349.869+/-428.001 χ^2 /NDF: 11.1/15

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1067.744+/-0.454 χ^2/NDF : 42213.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1072.519+/-0.406 χ^2/NDF : 69022.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

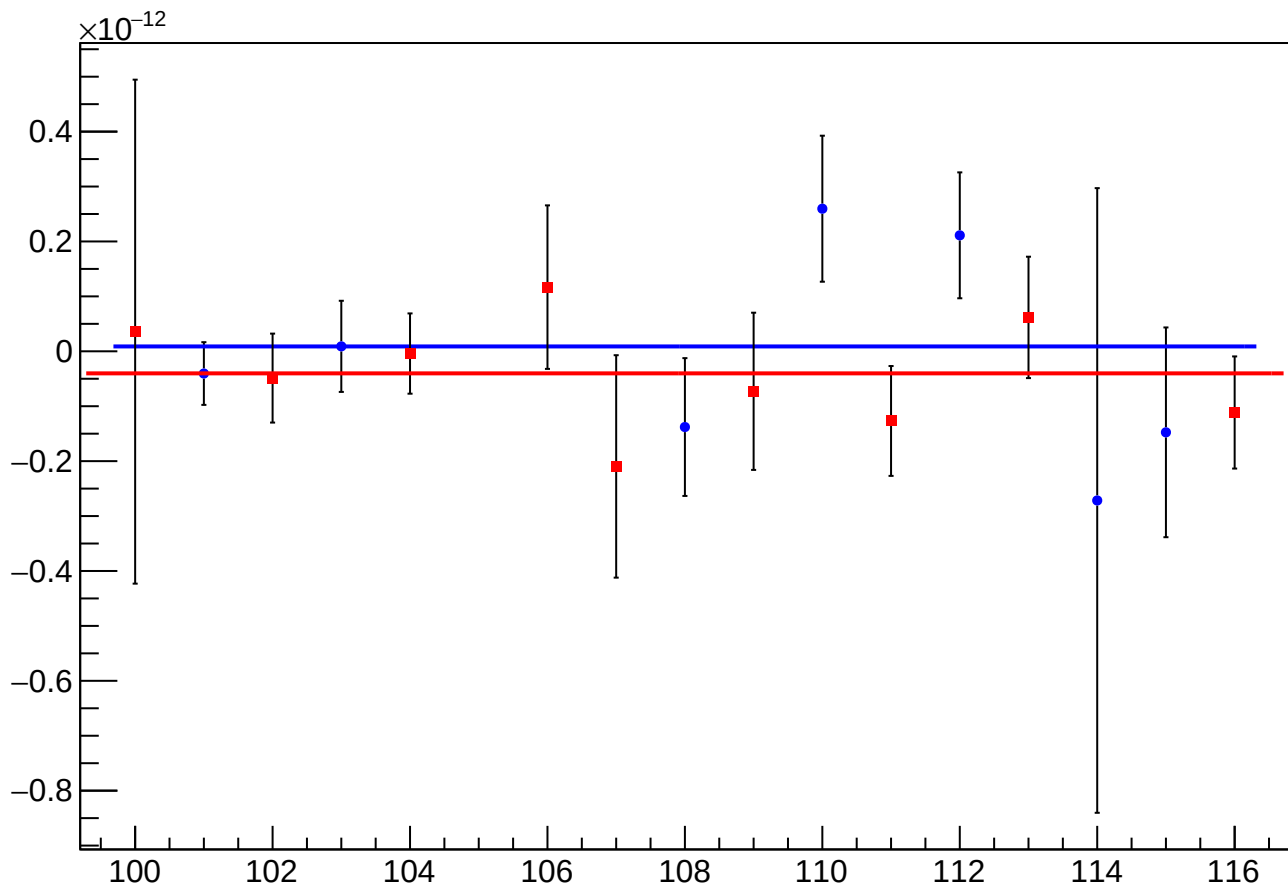
Right: 1070.398+/-0.303 χ^2/NDF : 111297.7/15

In: 1067.744+/-0.454 χ^2/NDF : 42213.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.398+/-0.303 χ^2/NDF : 111297.7/15

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

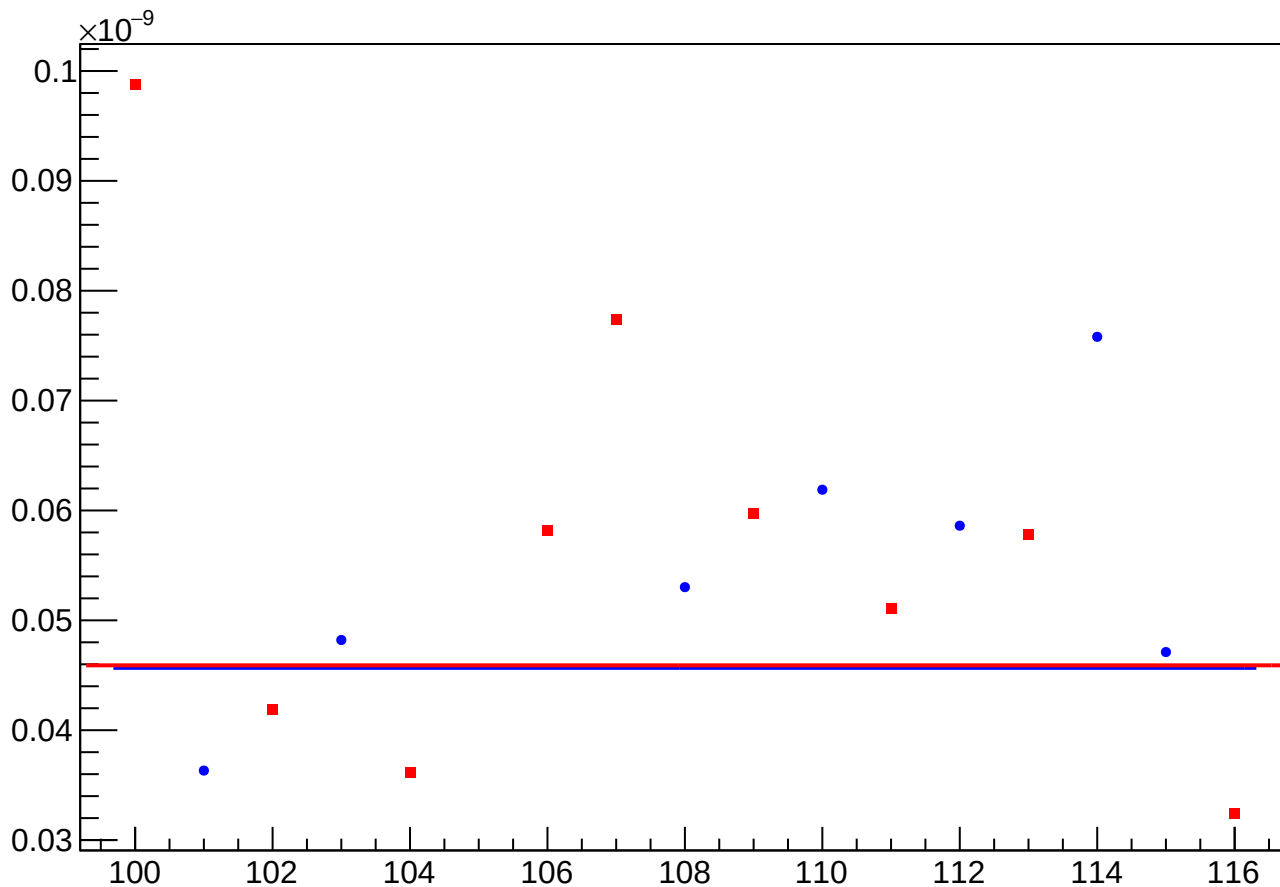
Right: -0.000+/-0.000 χ^2/NDF : 14.8/15

In: 0.000+/-0.000 χ^2/NDF : 9.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/15

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 123332.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 210885.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

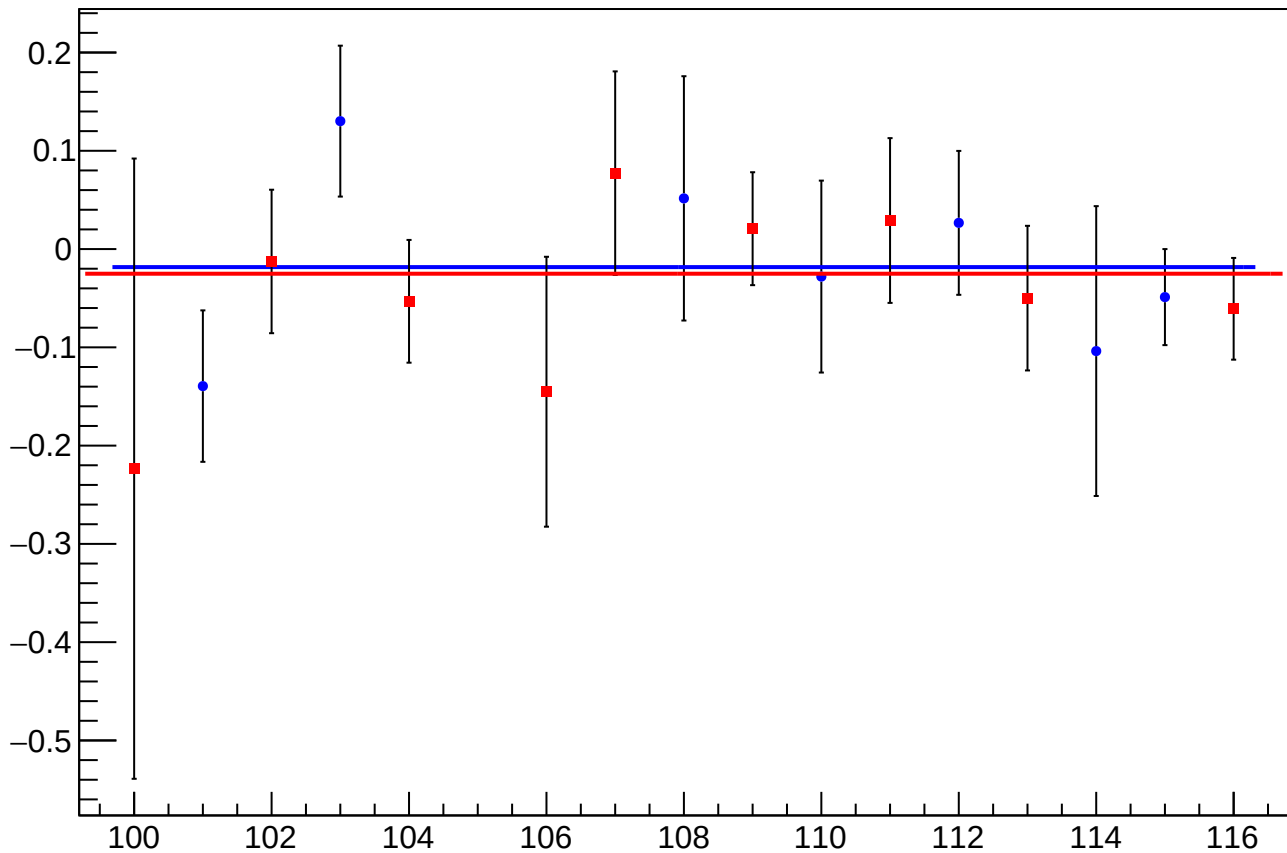
Right: 0.000+/-0.000 χ^2/NDF : 334253.6/15

In: 0.000+/-0.000 χ^2/NDF : 123332.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 334253.6/15

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.029 χ^2/NDF : 7.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.025 χ^2/NDF : 4.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

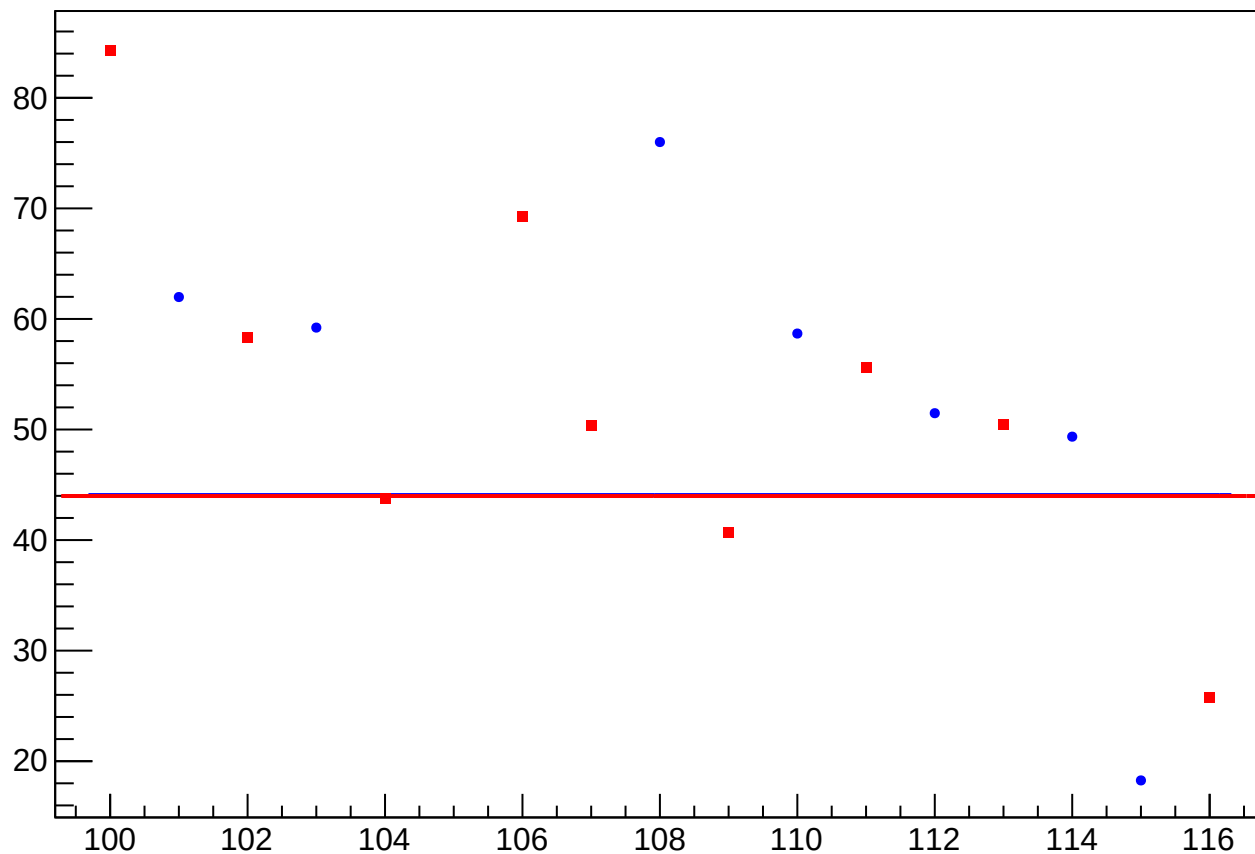
Right: -0.022 ± 0.019 χ^2/NDF : 11.7/15

In: -0.018 ± 0.029 χ^2/NDF : 7.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.019 χ^2/NDF : 11.7/15

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.070+/-0.021 χ^2/NDF : 943738.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.986+/-0.018 χ^2/NDF : 493450.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

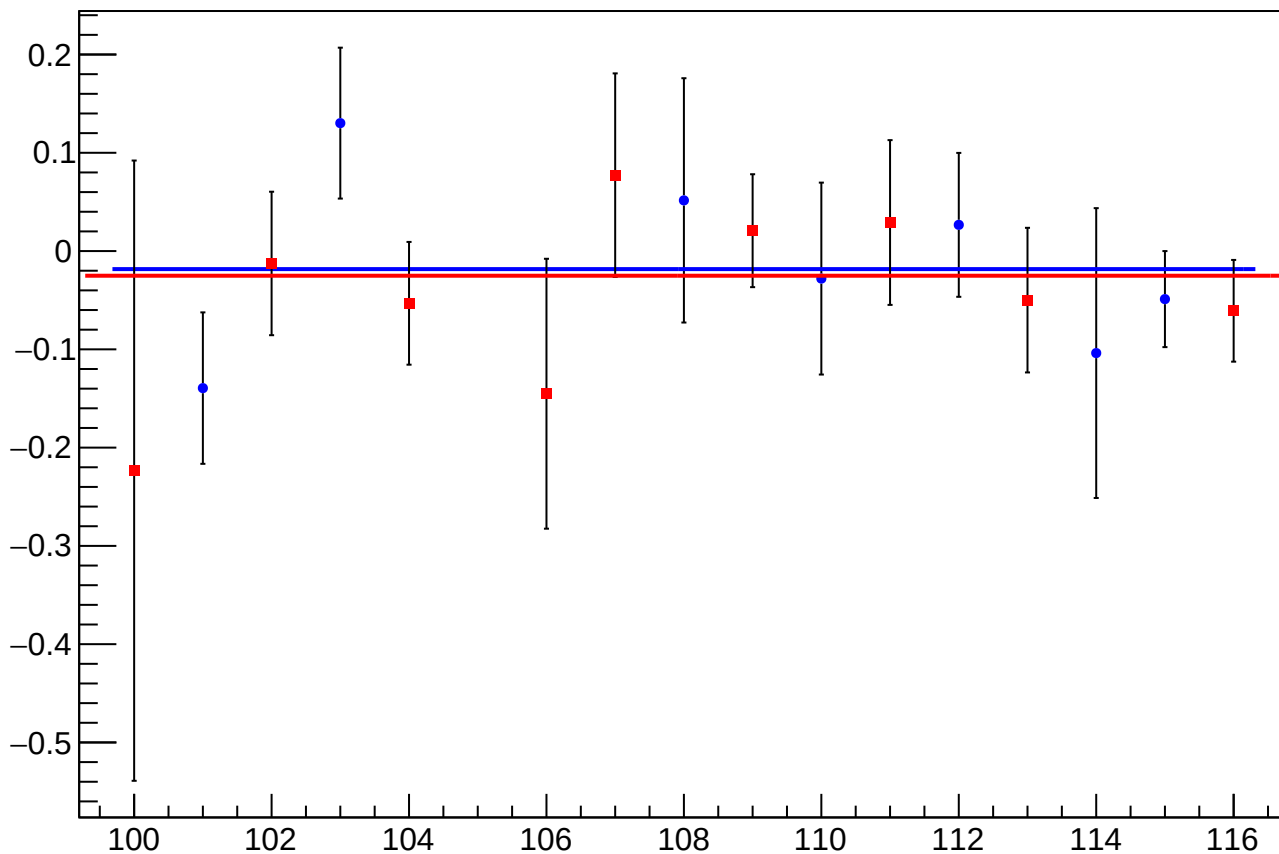
Right: 44.021+/-0.013 χ^2/NDF : 1437198.3/15

In: 44.070+/-0.021 χ^2/NDF :943738.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.021+/-0.013 χ^2/NDF : 1437198.3/15

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.029 χ^2/NDF : 7.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.025 χ^2/NDF : 4.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

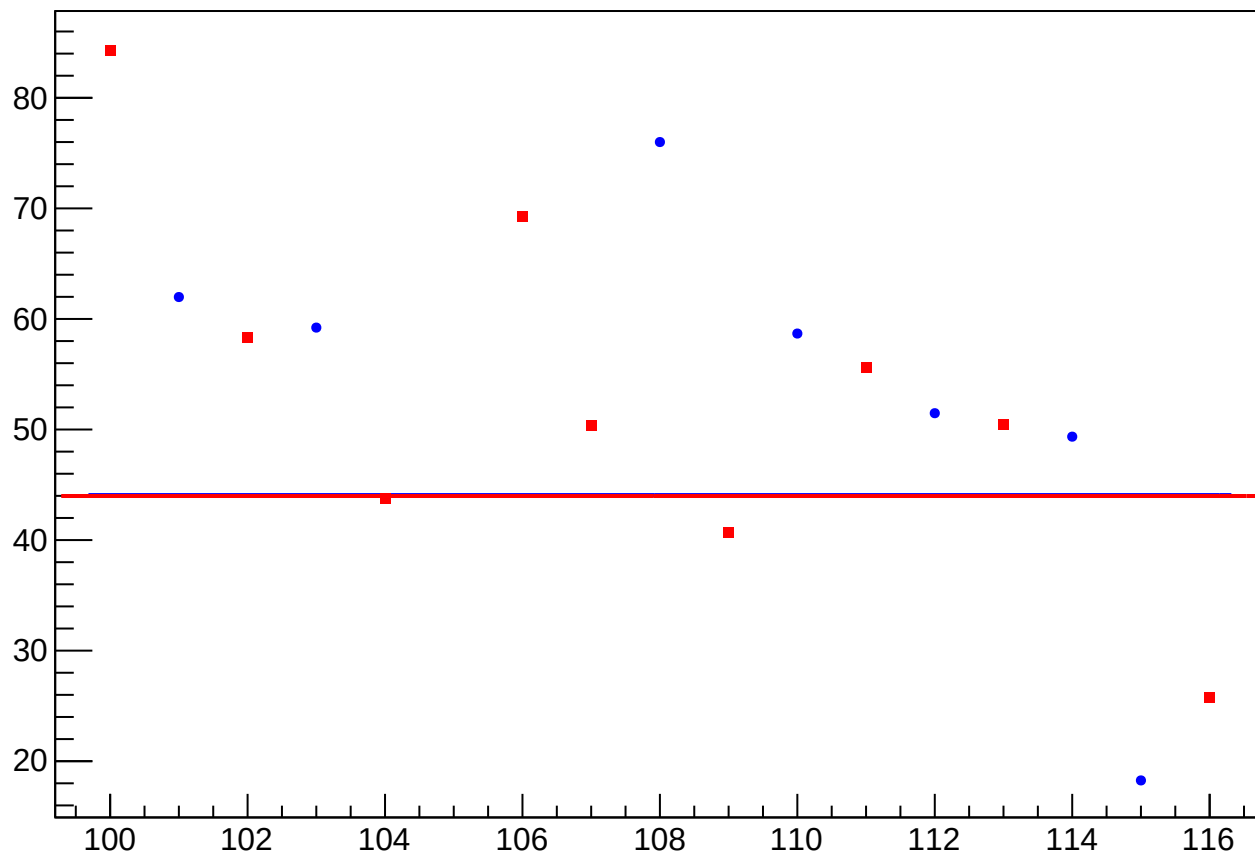
Right: -0.022 ± 0.019 χ^2/NDF : 11.7/15

In: -0.018 ± 0.029 χ^2/NDF : 7.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.019 χ^2/NDF : 11.7/15

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.070 $\pm$ 0.021 χ^2 /NDF: 943738.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.986 $\pm$ 0.018 χ^2 /NDF: 493450.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

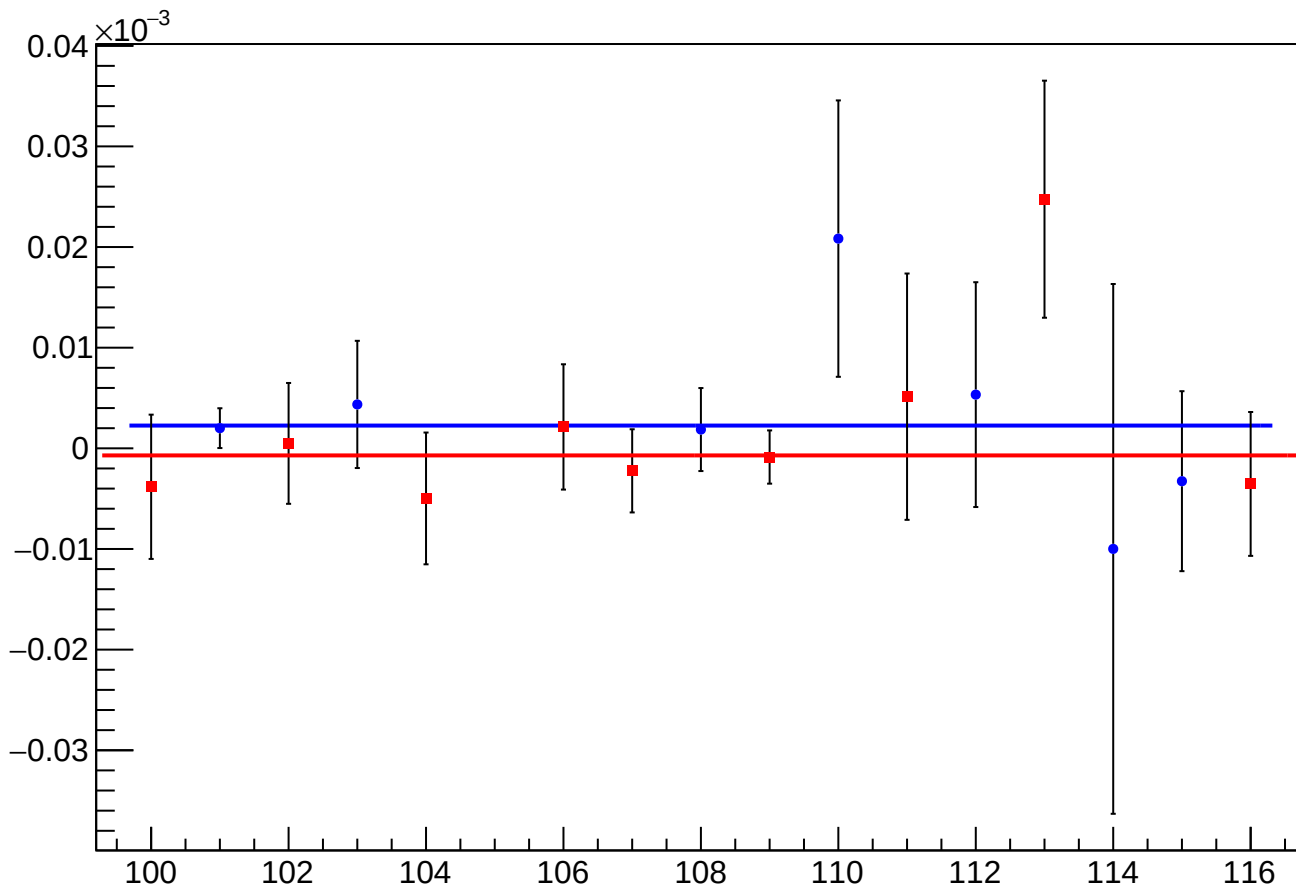
Right: 44.021 $\pm$ 0.013 χ^2 /NDF: 1437198.3/15

In: 44.070 $\pm$ 0.021 χ^2 /NDF:943738.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.021 $\pm$ 0.013 χ^2 /NDF: 1437198.3/15

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

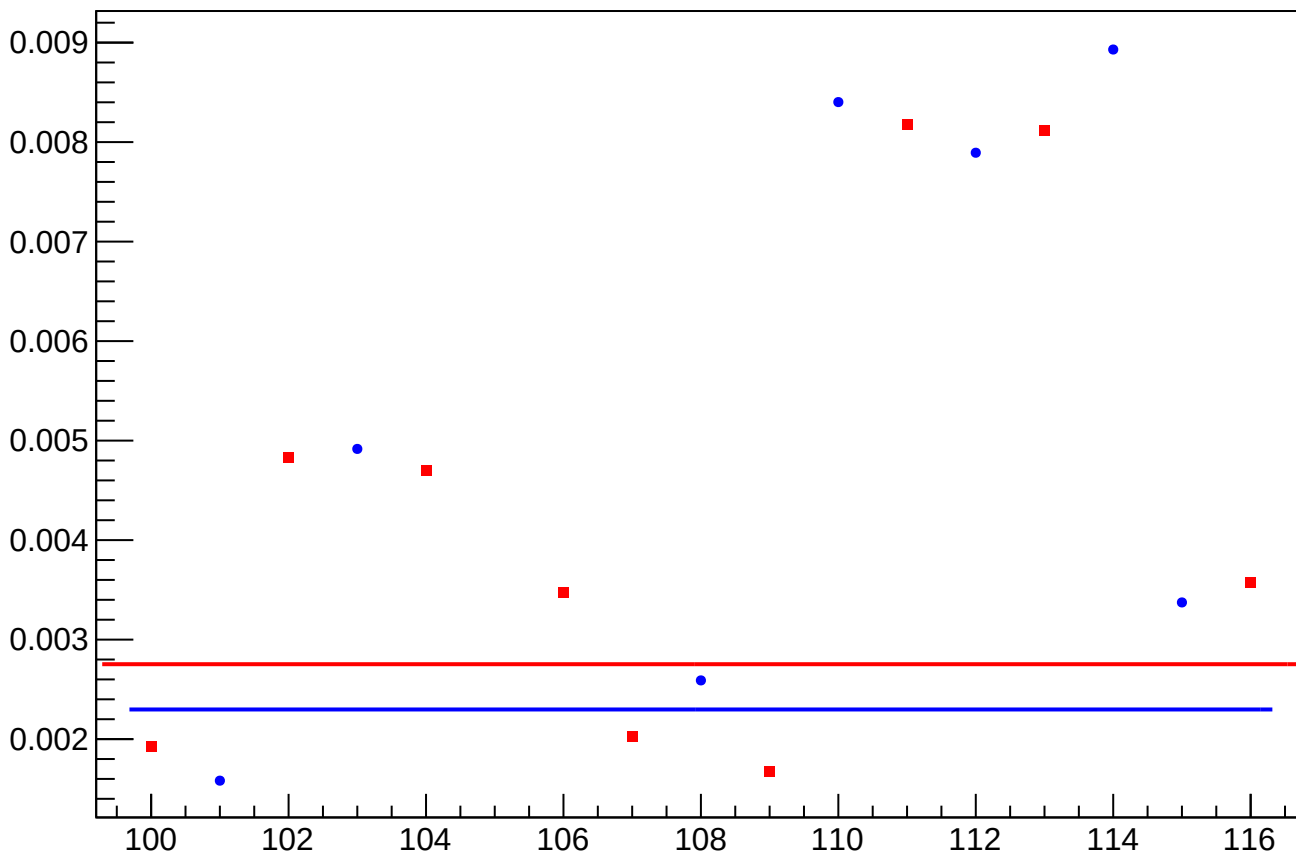
Right: 0.000+/-0.000 χ^2/NDF : 10.2/15

In: 0.000+/-0.000 χ^2/NDF : 2.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.2/15

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1668512.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1699162.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

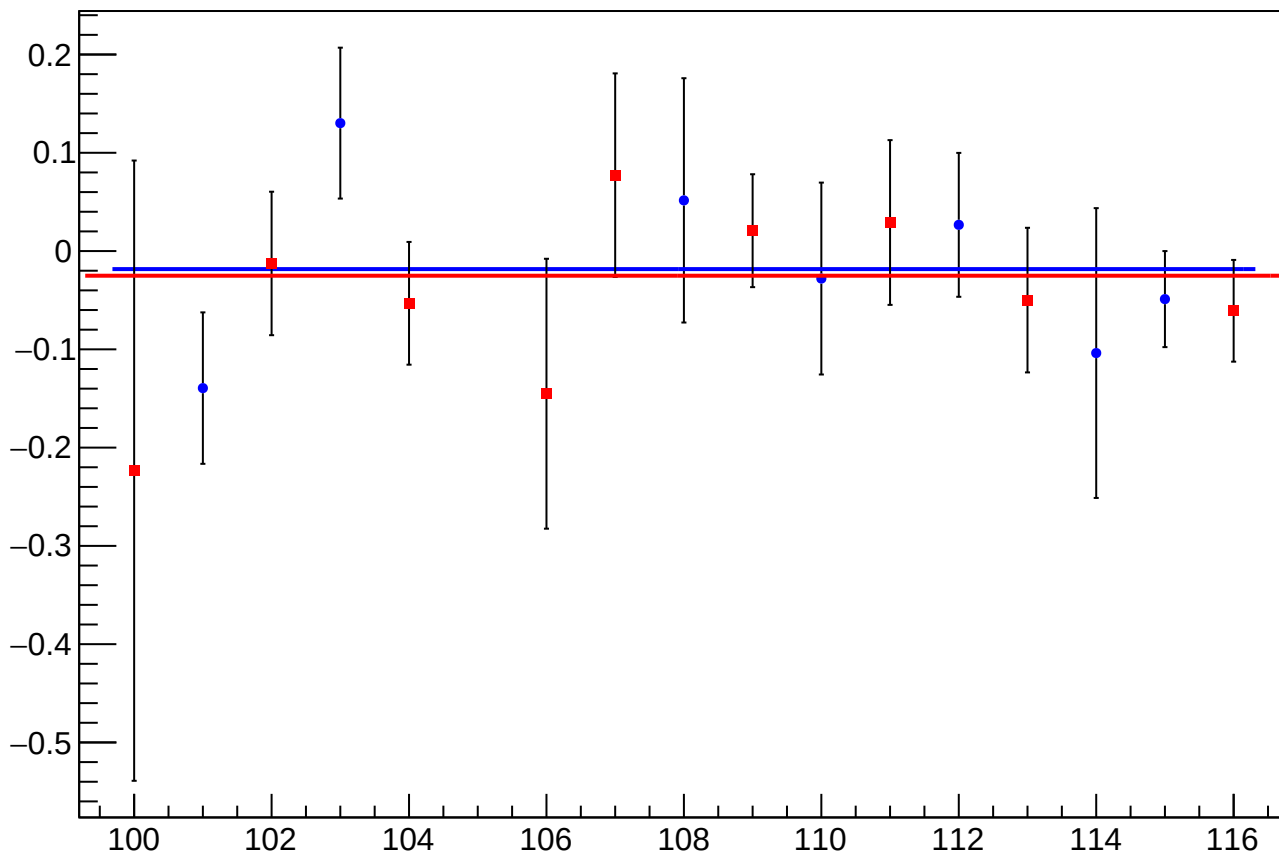
Right: 0.003+/-0.000 χ^2/NDF : 3439786.6/15

In: 0.002+/-0.000 χ^2/NDF : 1668512.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3439786.6/15

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.029 χ^2 /NDF: 7.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.025 χ^2 /NDF: 4.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

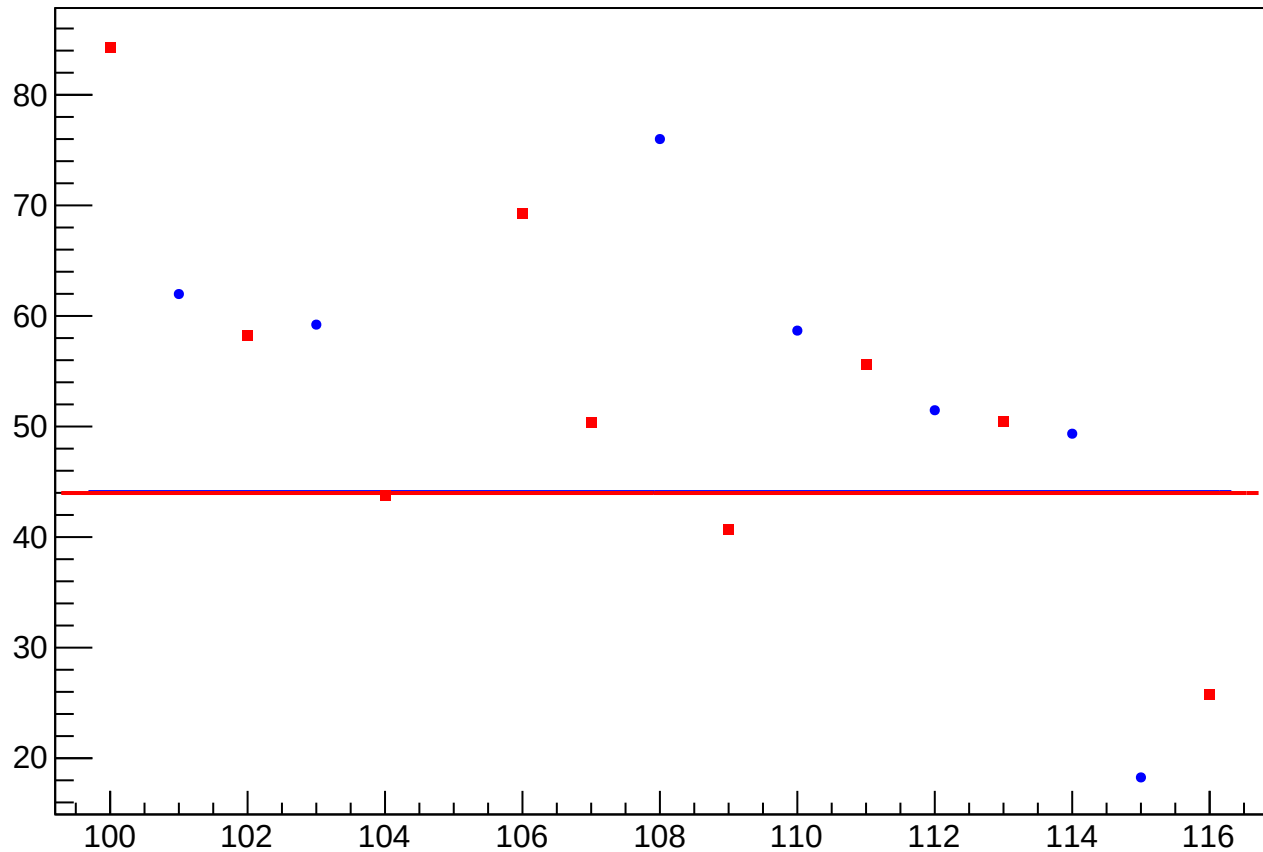
Right: -0.022 $\pm$ 0.019 χ^2 /NDF: 11.7/15

In: -0.018 $\pm$ 0.029 χ^2 /NDF:7.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.019 χ^2 /NDF: 11.7/15

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.070 $\pm$ 0.021 χ^2 /NDF: 943562.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.986 $\pm$ 0.018 χ^2 /NDF: 493329.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

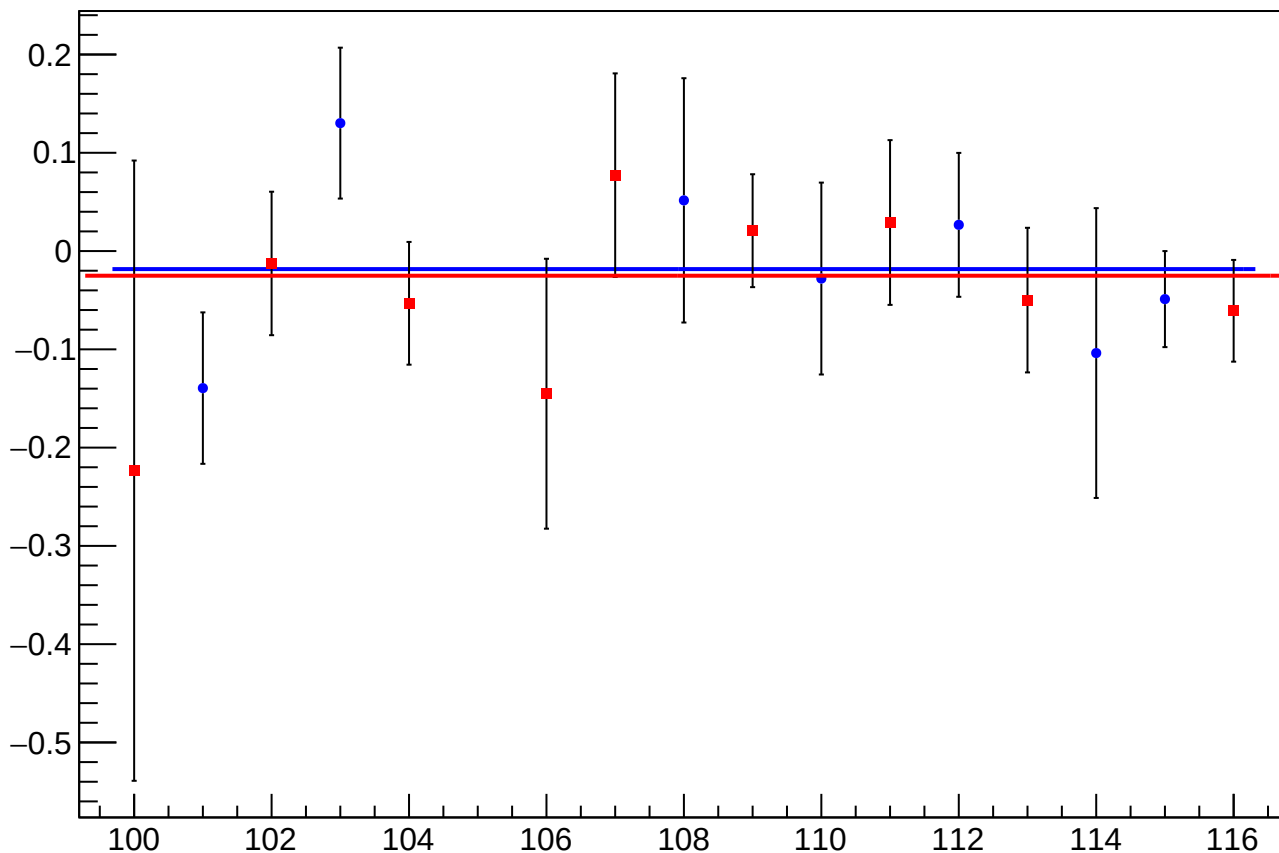
Right: 44.022 $\pm$ 0.013 χ^2 /NDF: 1436901.9/15

In: 44.070 $\pm$ 0.021 χ^2 /NDF:943562.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.022 $\pm$ 0.013 χ^2 /NDF: 1436901.9/15

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.029 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.025 χ^2/NDF : 4.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

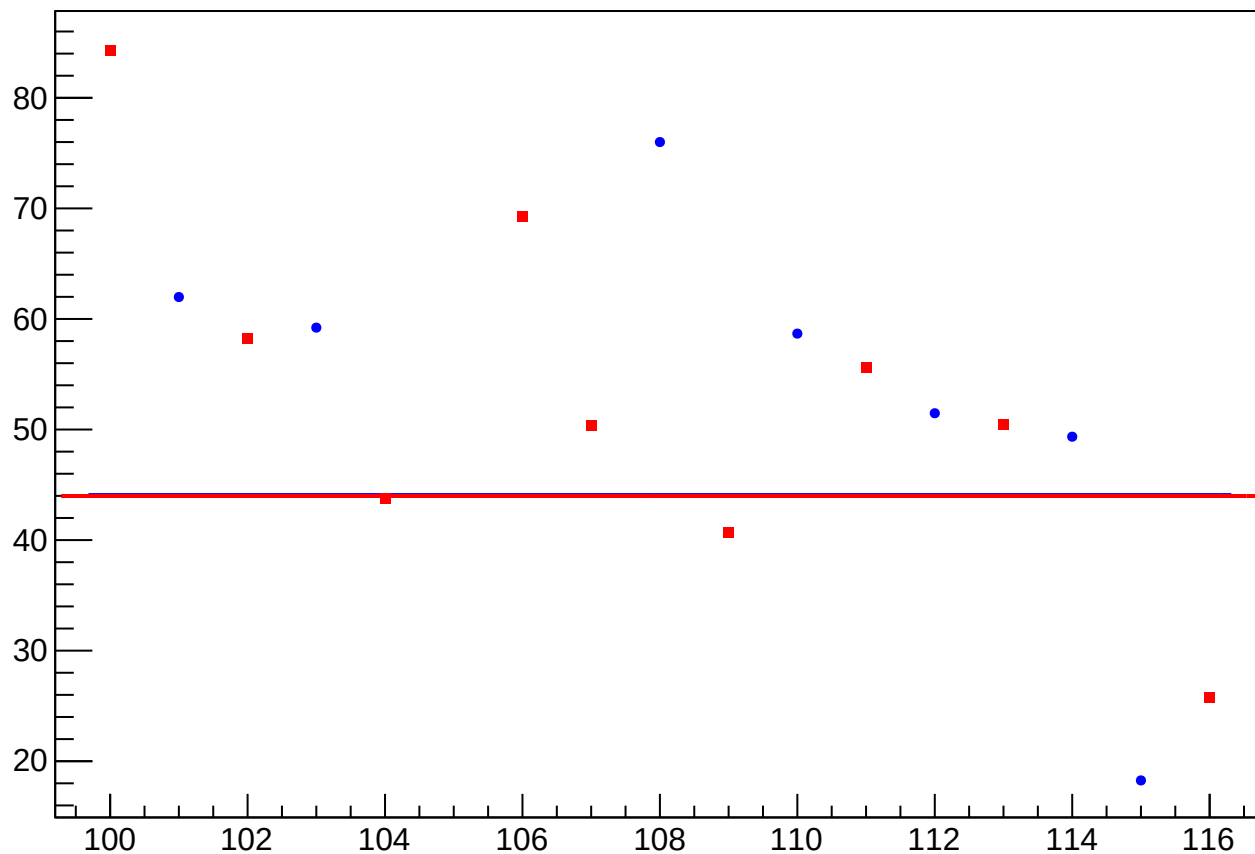
Right: -0.022+/-0.019 χ^2/NDF : 11.7/15

In: -0.018+/-0.029 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.019 χ^2/NDF : 11.7/15

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.070 $\pm$ 0.021 χ^2 /NDF: 943562.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.986 $\pm$ 0.018 χ^2 /NDF: 493329.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

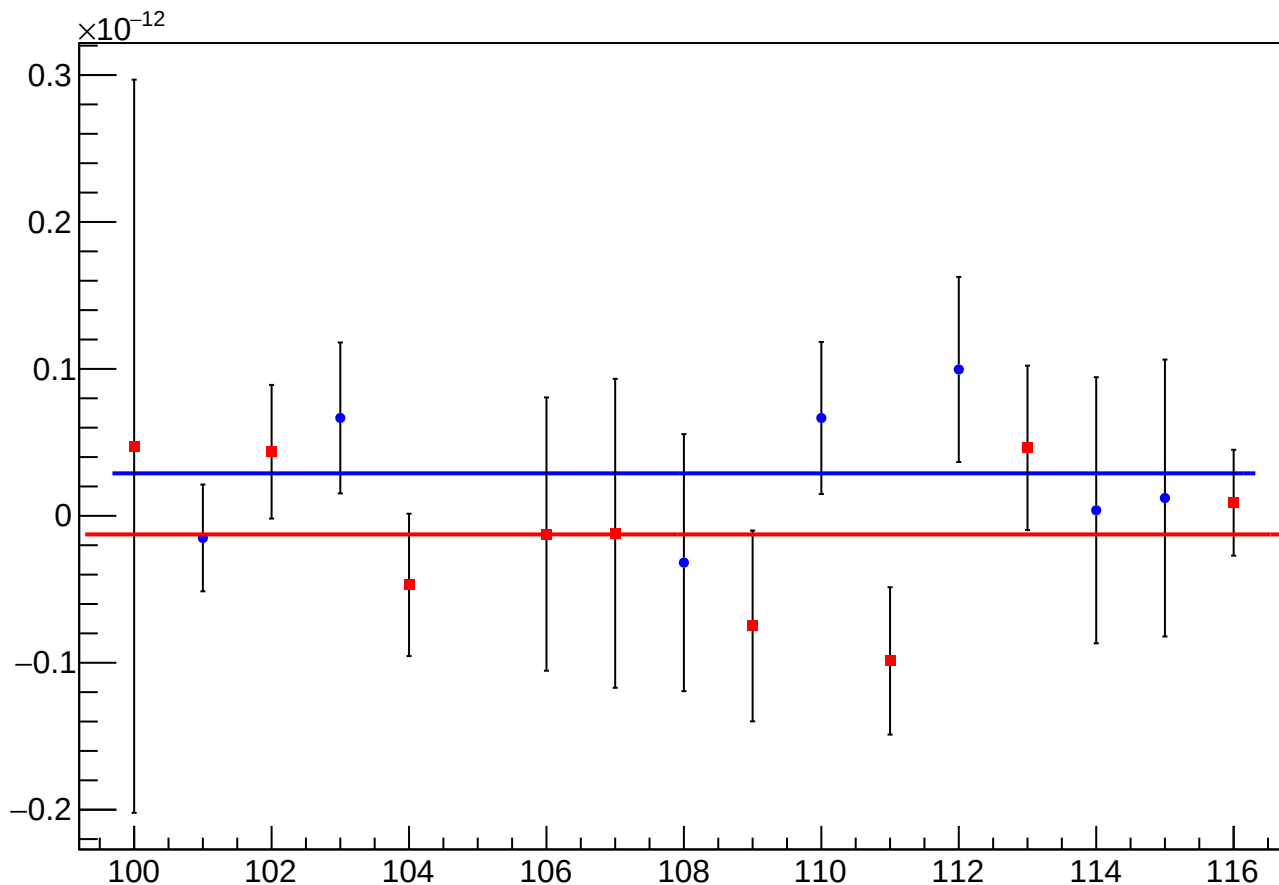
Right: 44.022 $\pm$ 0.013 χ^2 /NDF: 1436901.9/15

In: 44.070 $\pm$ 0.021 χ^2 /NDF:943562.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.022 $\pm$ 0.013 χ^2 /NDF: 1436901.9/15

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

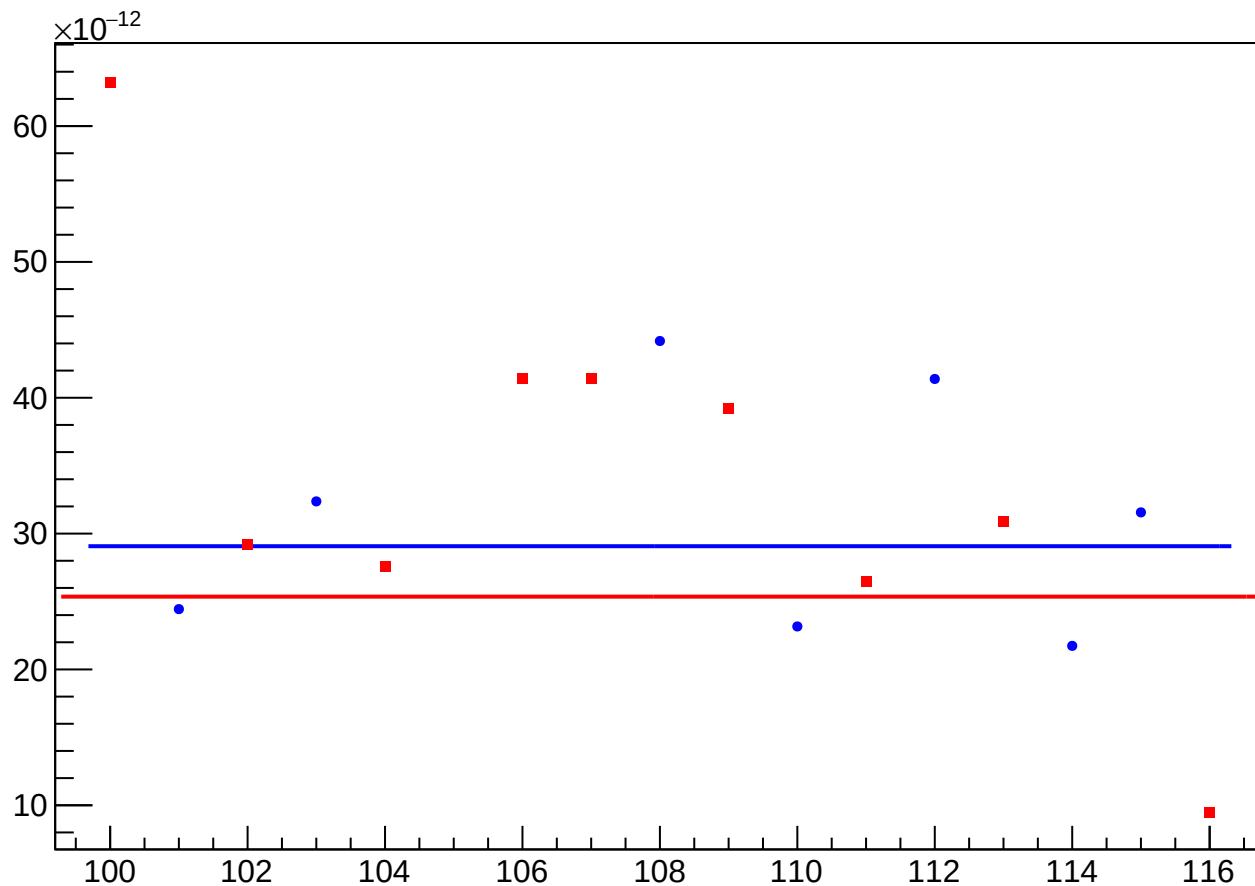
Right: 0.000+/-0.000 χ^2/NDF : 13.9/15

In: 0.000+/-0.000 χ^2/NDF : 4.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/15

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 217423.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 671940.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

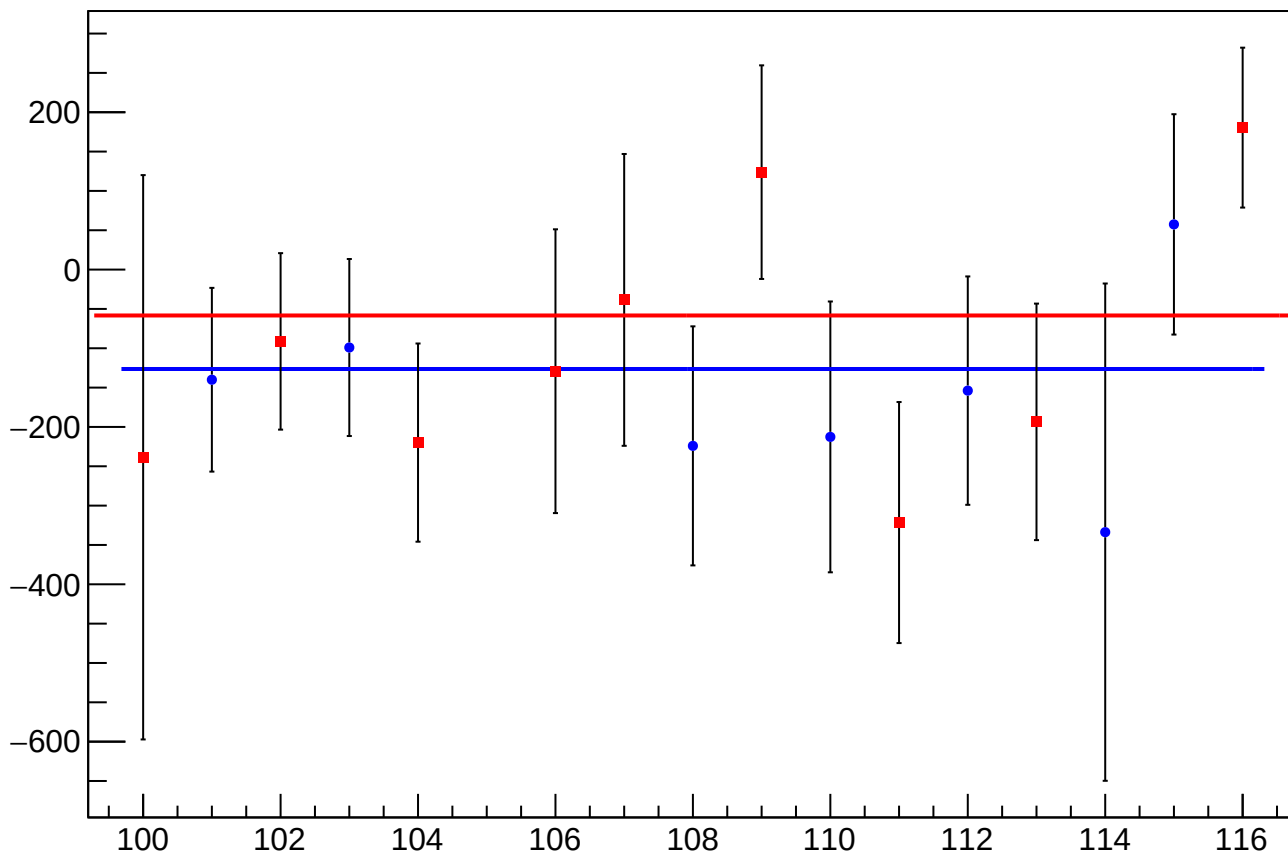
Right: 0.000+/-0.000 χ^2/NDF : 922986.4/15

In: 0.000+/-0.000 χ^2/NDF : 217423.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 922986.4/15

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -126.354+/-54.400 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.330+/-47.241 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

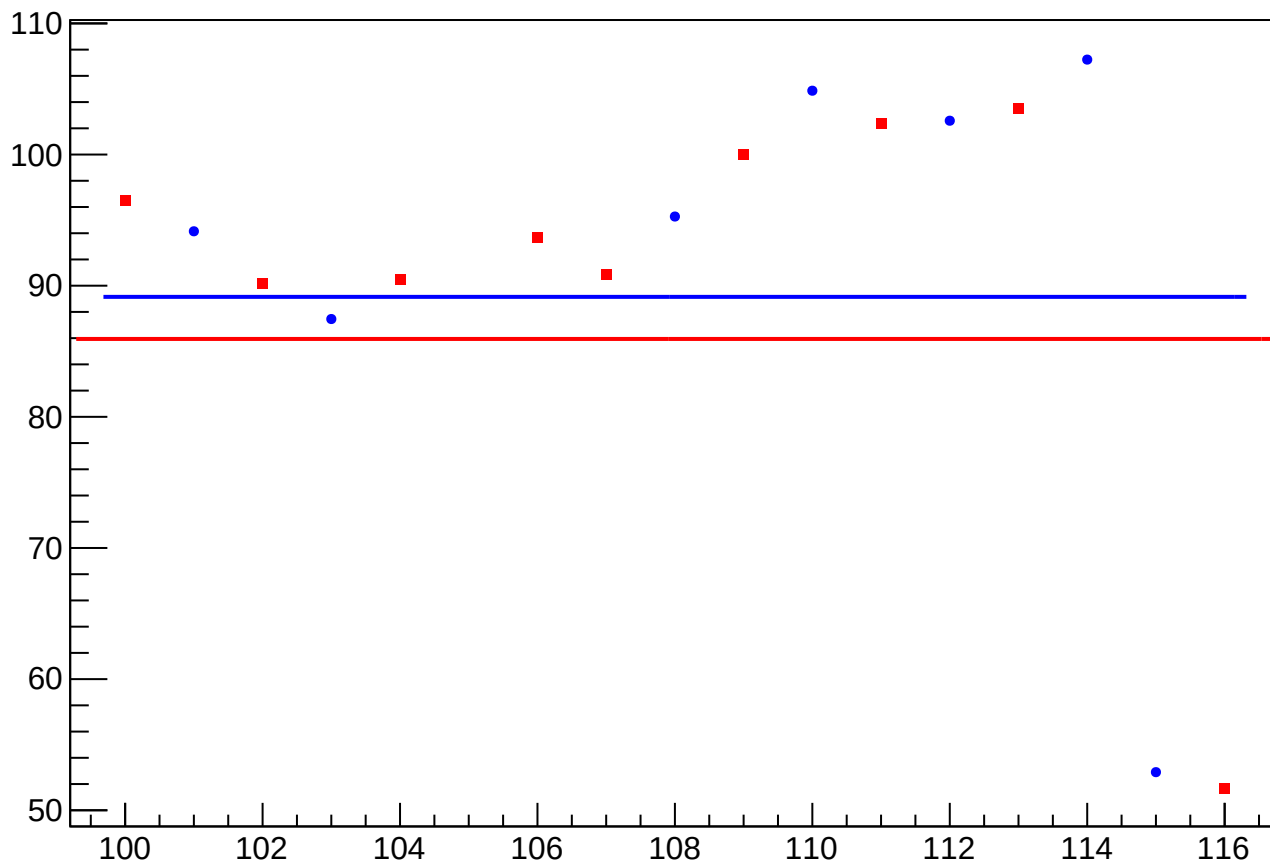
Right: -87.574+/-35.669 χ^2/NDF : 17.1/15

In: -126.354+/-54.400 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.574+/-35.669 χ^2/NDF : 17.1/15

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 89.148 $\pm$ 0.038 χ^2 /NDF: 181685.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.939 $\pm$ 0.033 χ^2 /NDF: 311782.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

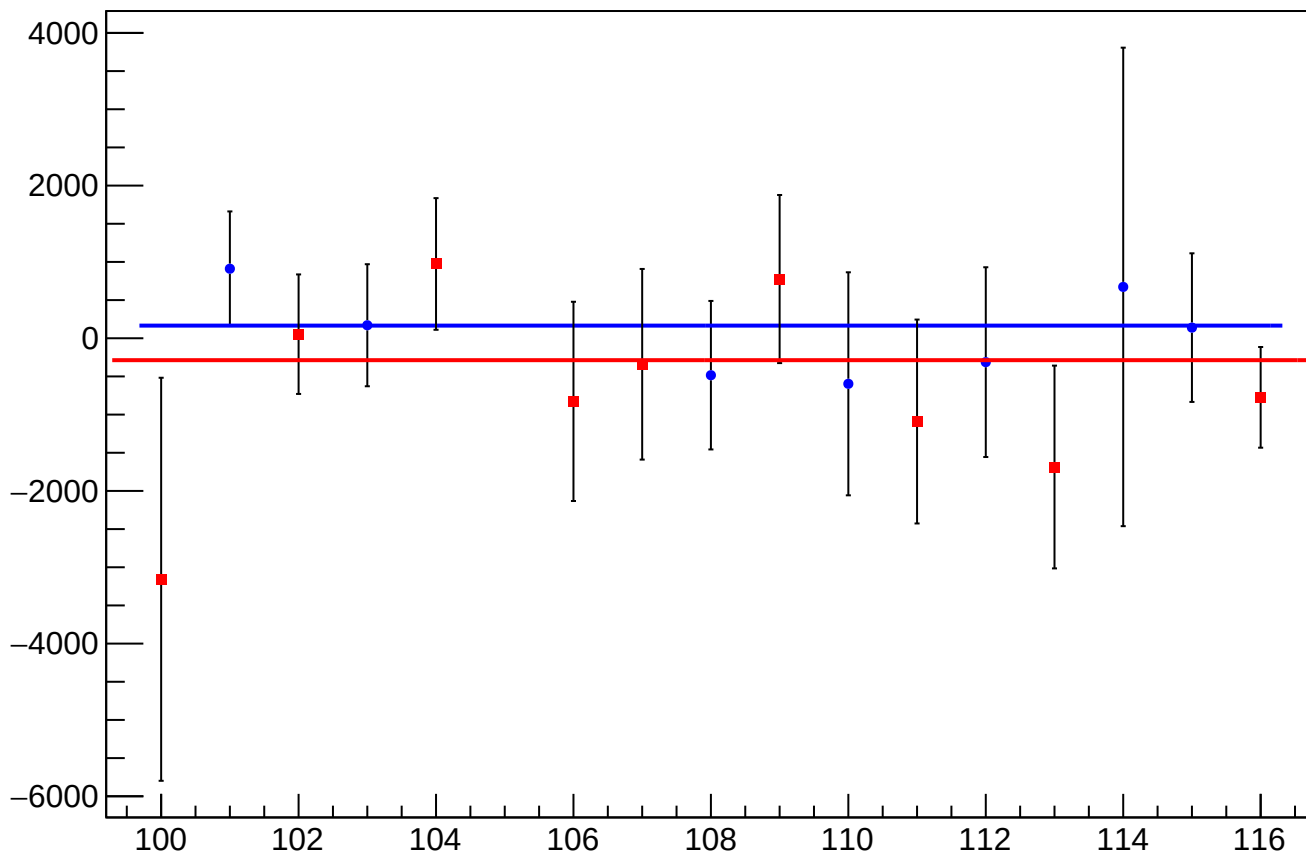
Right: 87.319 $\pm$ 0.025 χ^2 /NDF: 497435.3/15

In: 89.148 $\pm$ 0.038 χ^2 /NDF: 181685.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.319 $\pm$ 0.025 χ^2 /NDF: 497435.3/15

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 165.759+/-387.227 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.062+/-341.025 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

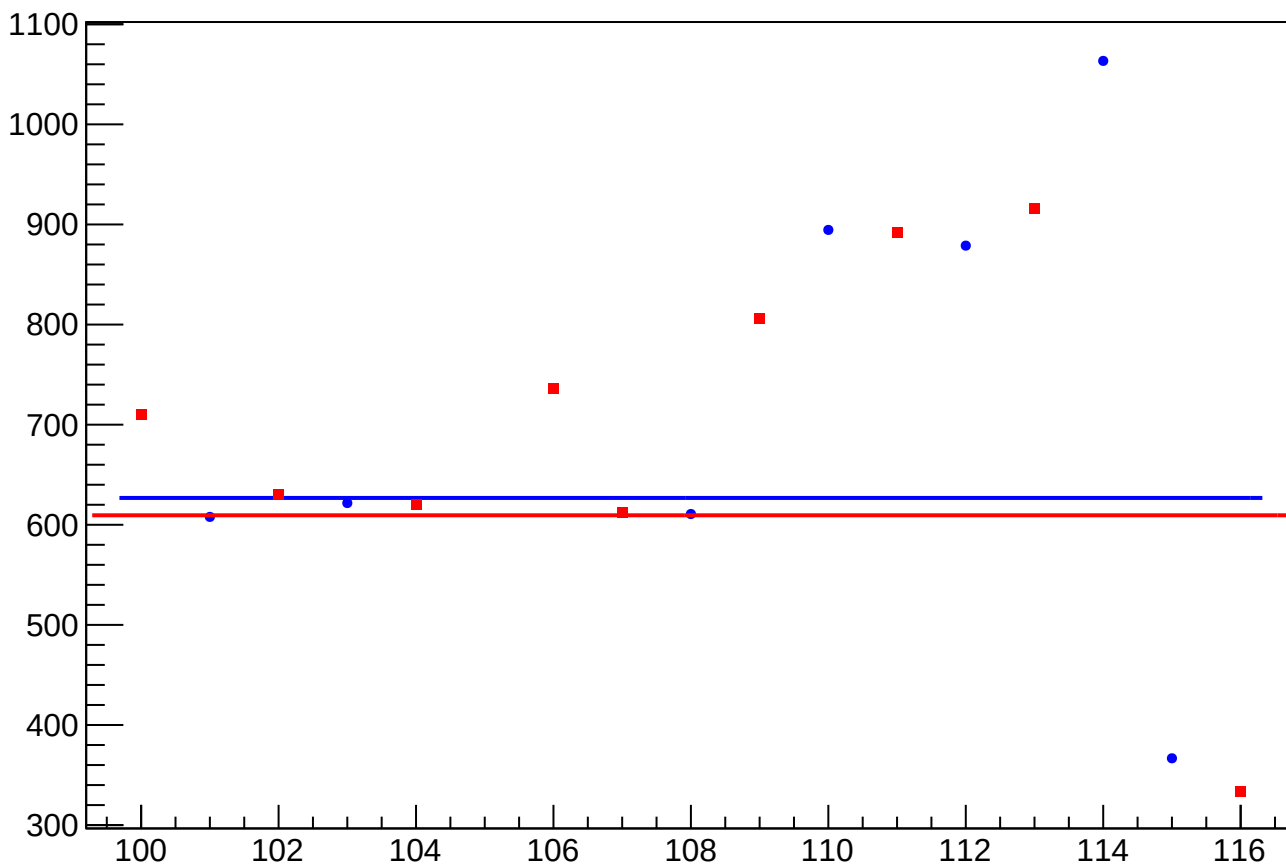
Right: -89.264+/-255.925 χ^2/NDF : 9.3/15

In: 165.759+/-387.227 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.264+/-255.925 χ^2/NDF : 9.3/15

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 626.820+/-0.274 χ^2/NDF : 332879.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.479+/-0.241 χ^2/NDF : 633005.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

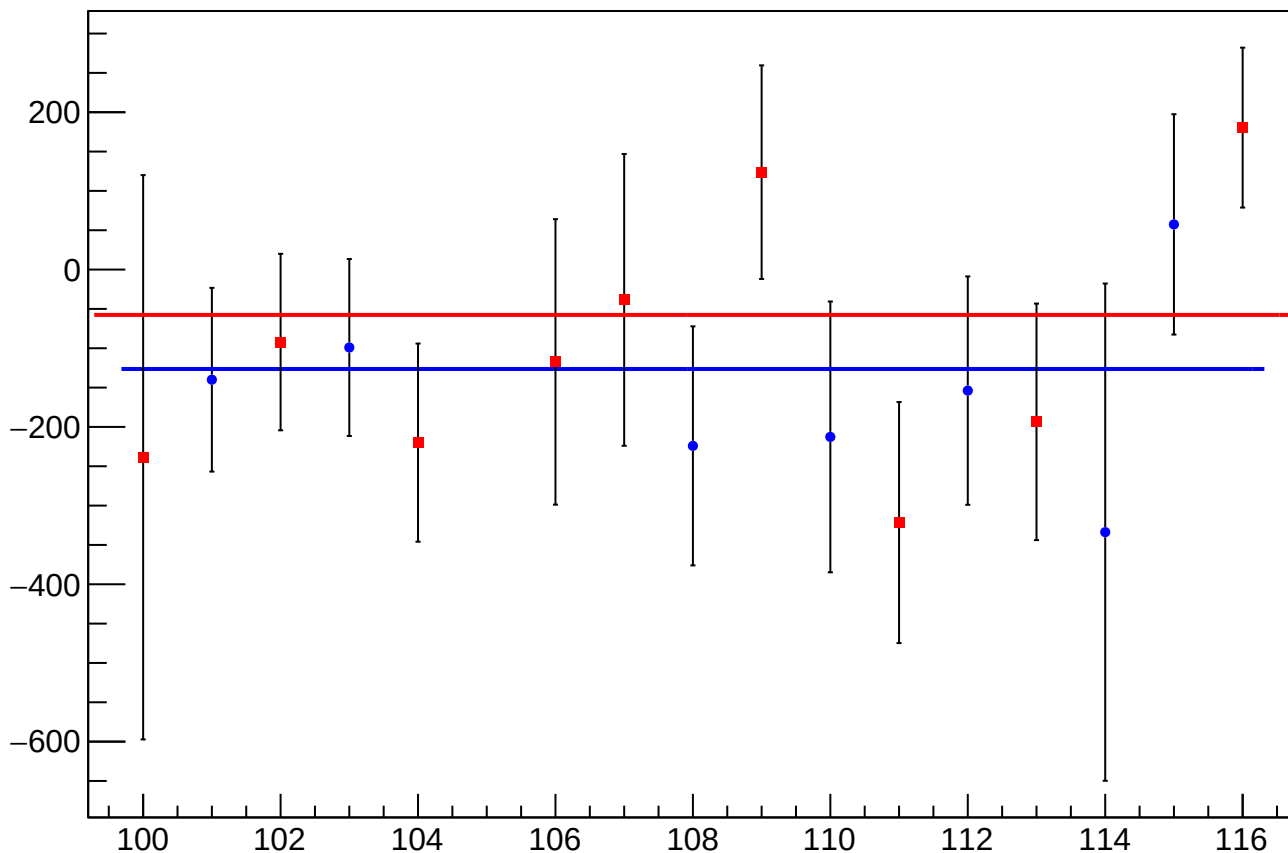
Right: 617.054+/-0.181 χ^2/NDF : 968143.4/15

In: 626.820+/-0.274 χ^2/NDF : 332879.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.054+/-0.181 χ^2/NDF : 968143.4/15

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -126.362 $\pm$ 54.400 χ^2 /NDF: 2.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.639 $\pm$ 47.262 χ^2 /NDF: 13.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

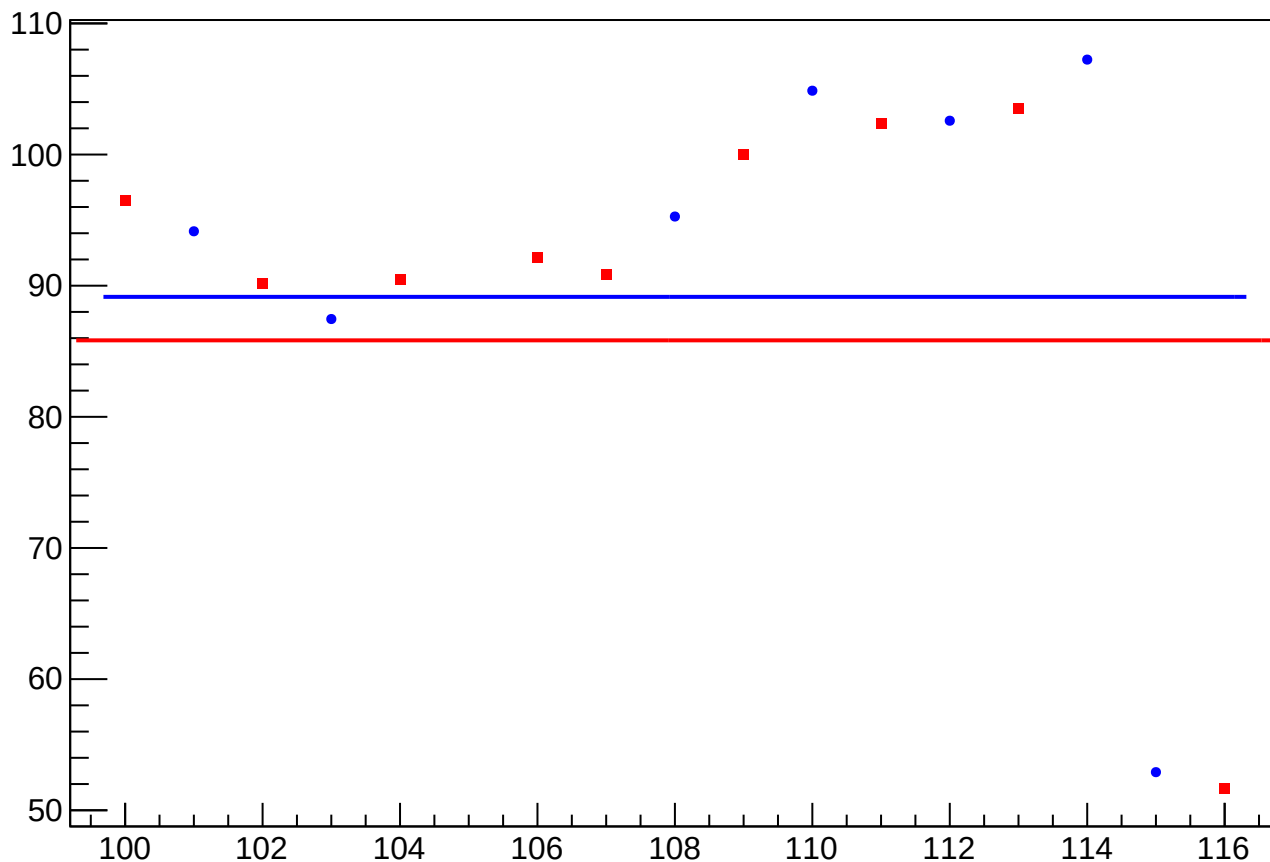
Right: -87.199 $\pm$ 35.678 χ^2 /NDF: 17.0/15

In: -126.362 $\pm$ 54.400 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -87.199 $\pm$ 35.678 χ^2 /NDF: 17.0/15

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 89.148 $\pm$ 0.038 χ^2 /NDF: 181685.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.832 $\pm$ 0.033 χ^2 /NDF: 310461.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

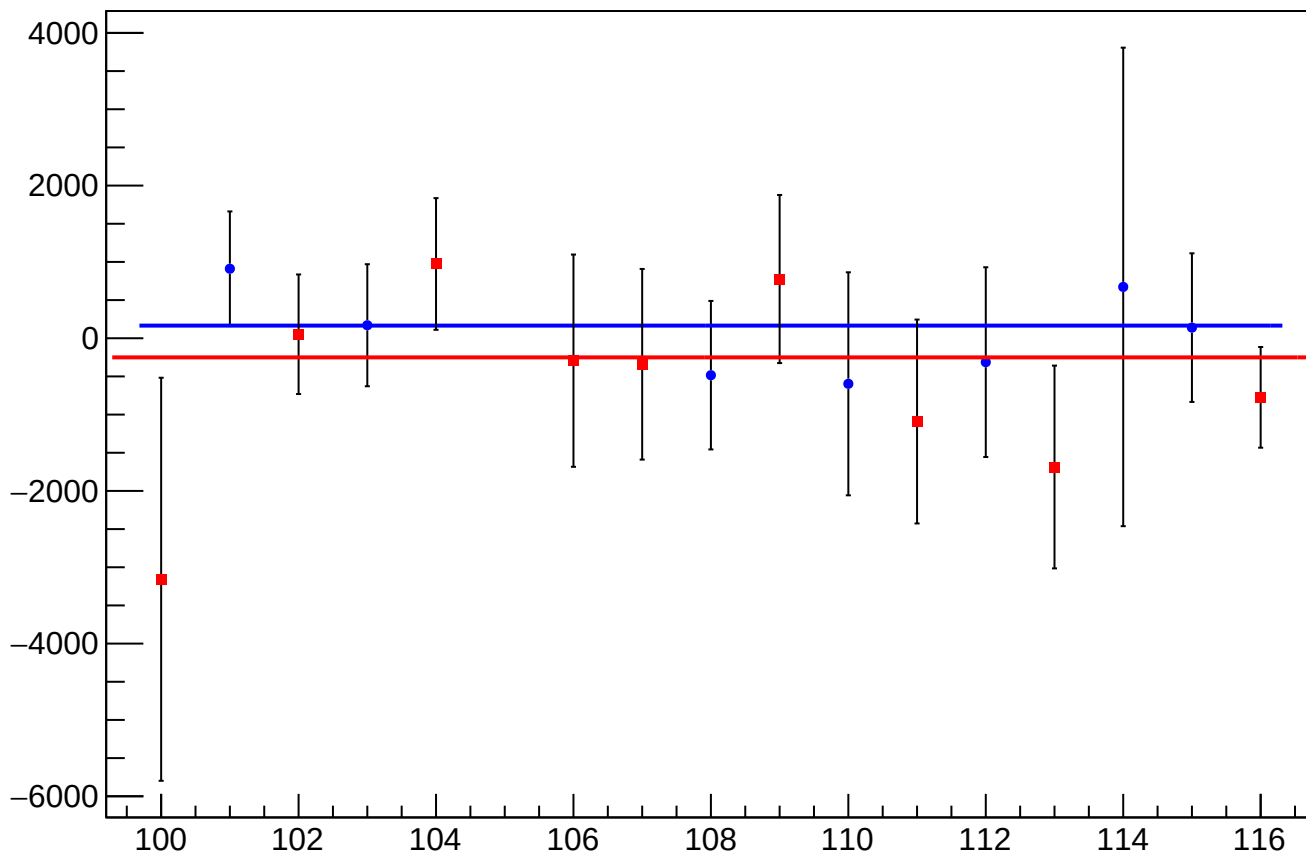
Right: 87.258 $\pm$ 0.025 χ^2 /NDF: 496382.3/15

In: 89.148 $\pm$ 0.038 χ^2 /NDF: 181685.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.258 $\pm$ 0.025 χ^2 /NDF: 496382.3/15

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 165.723+/-387.229 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.539+/-342.446 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

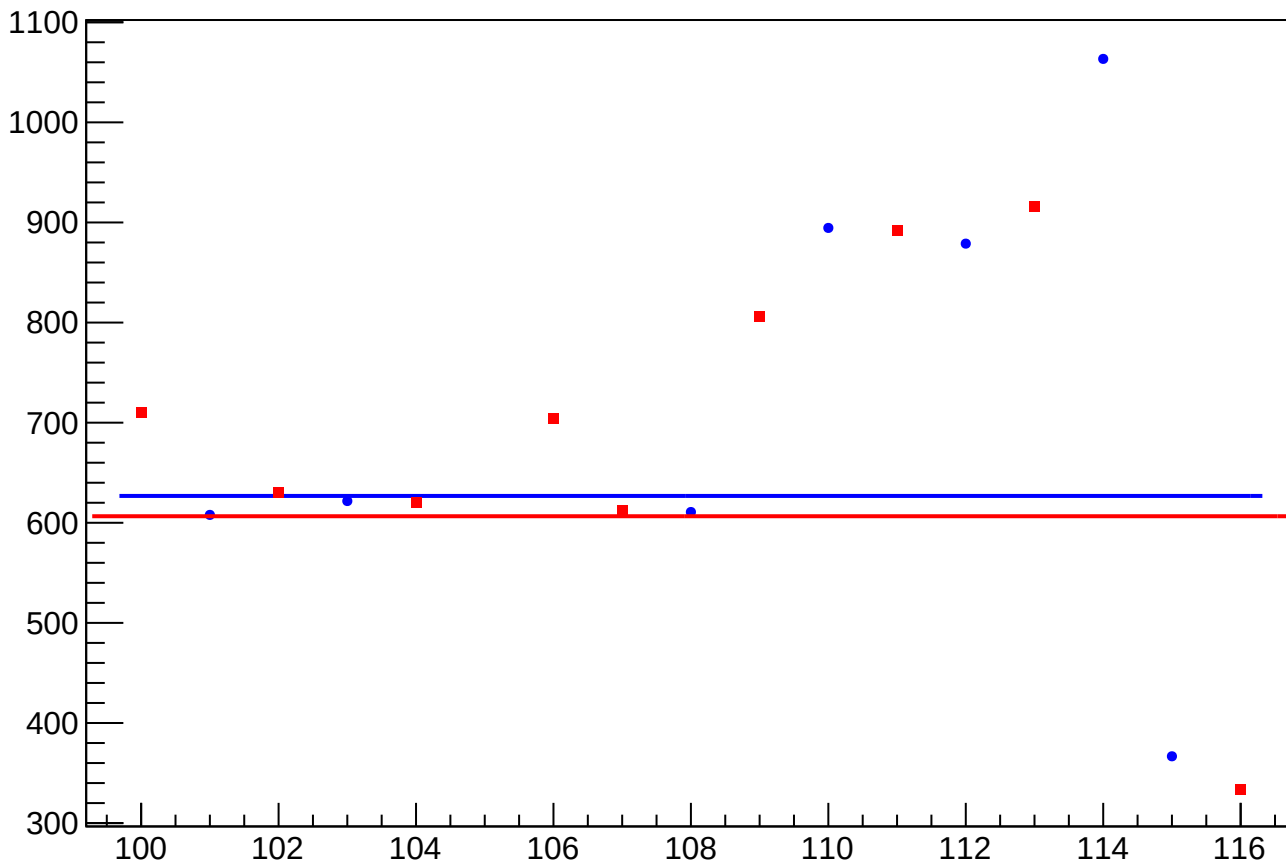
Right: -67.860+/-256.525 χ^2/NDF : 9.0/15

In: 165.723+/-387.229 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.860+/-256.525 χ^2/NDF : 9.0/15

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 626.823+/-0.274 χ^2/NDF : 332878.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.542+/-0.242 χ^2/NDF : 623287.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

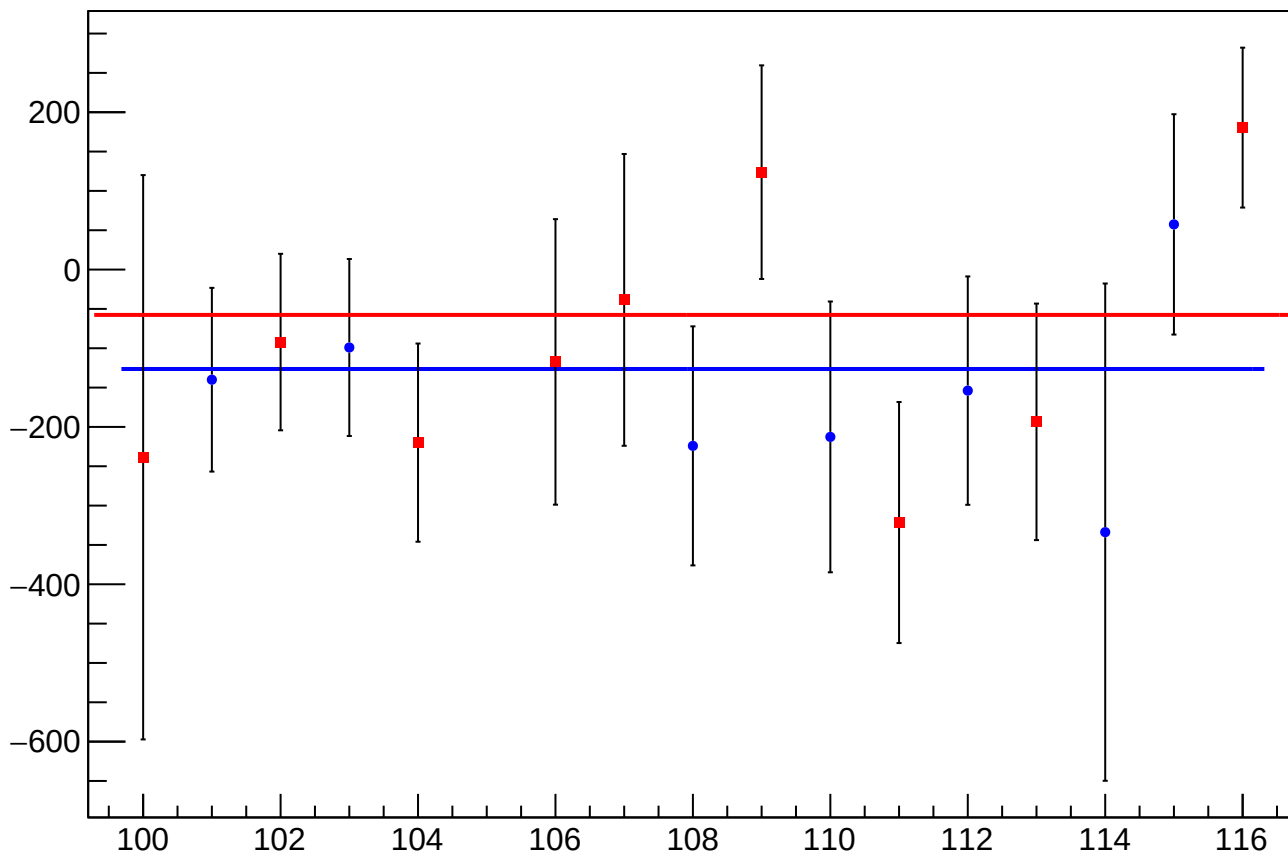
Right: 615.442+/-0.181 χ^2/NDF : 959245.2/15

In: 626.823+/-0.274 χ^2/NDF : 332878.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.442+/-0.181 χ^2/NDF : 959245.2/15

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -126.362+/-54.400 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -57.639+/-47.262 χ^2/NDF : 13.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

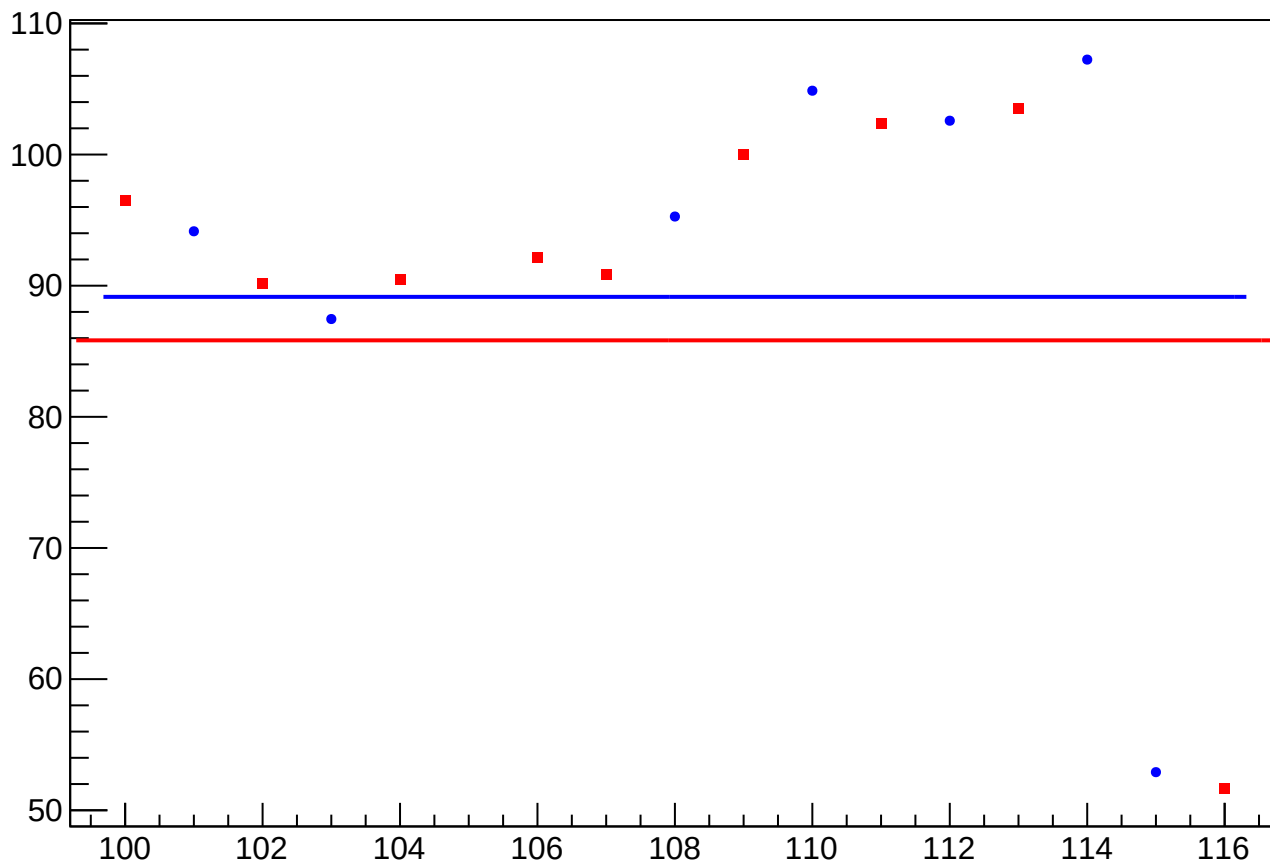
Right: -87.199+/-35.678 χ^2/NDF : 17.0/15

In: -126.362+/-54.400 χ^2/NDF :2.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -87.199+/-35.678 χ^2/NDF : 17.0/15

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 89.148 $\pm$ 0.038 χ^2 /NDF: 181685.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.832 $\pm$ 0.033 χ^2 /NDF: 310461.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

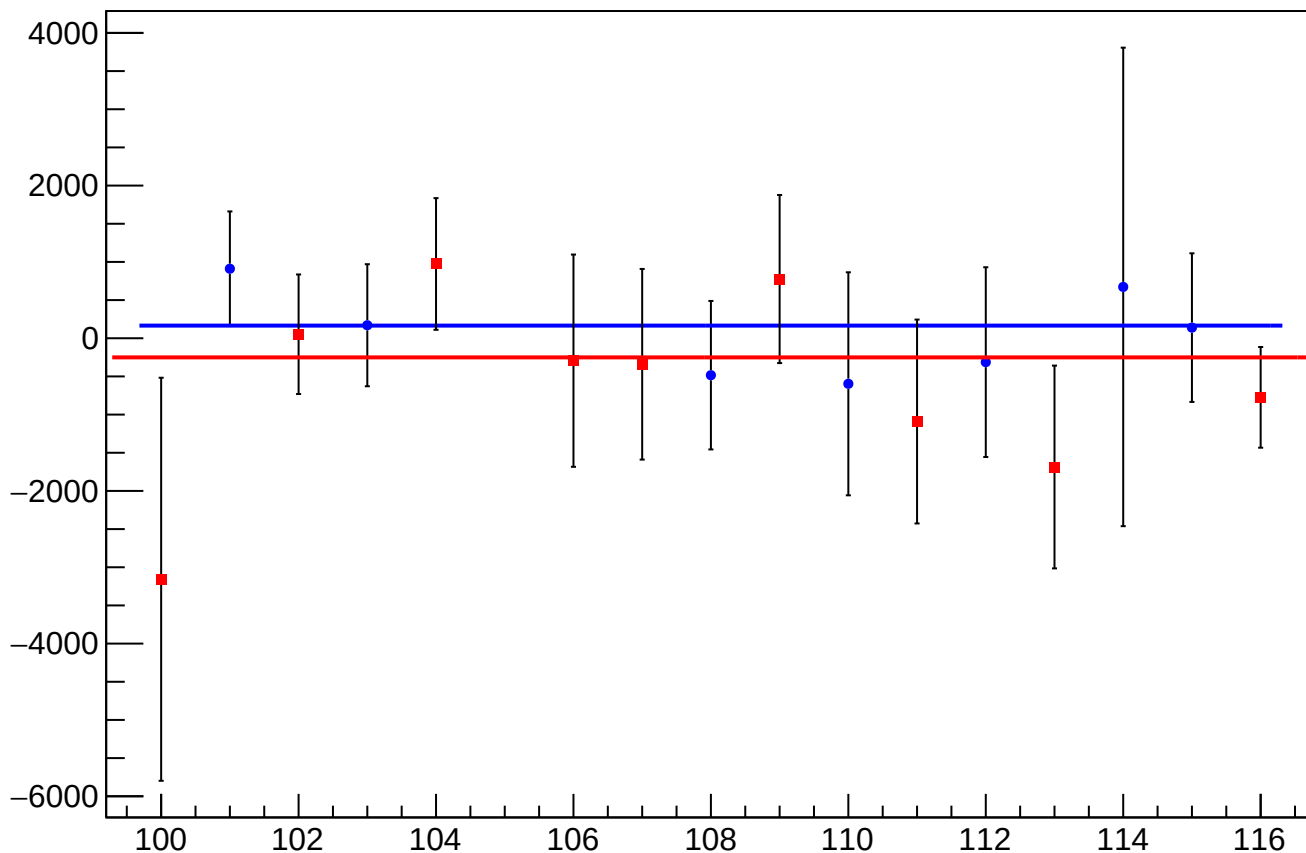
Right: 87.258 $\pm$ 0.025 χ^2 /NDF: 496382.3/15

In: 89.148 $\pm$ 0.038 χ^2 /NDF: 181685.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.258 $\pm$ 0.025 χ^2 /NDF: 496382.3/15

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 165.723+/-387.229 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.539+/-342.446 χ^2/NDF : 6.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

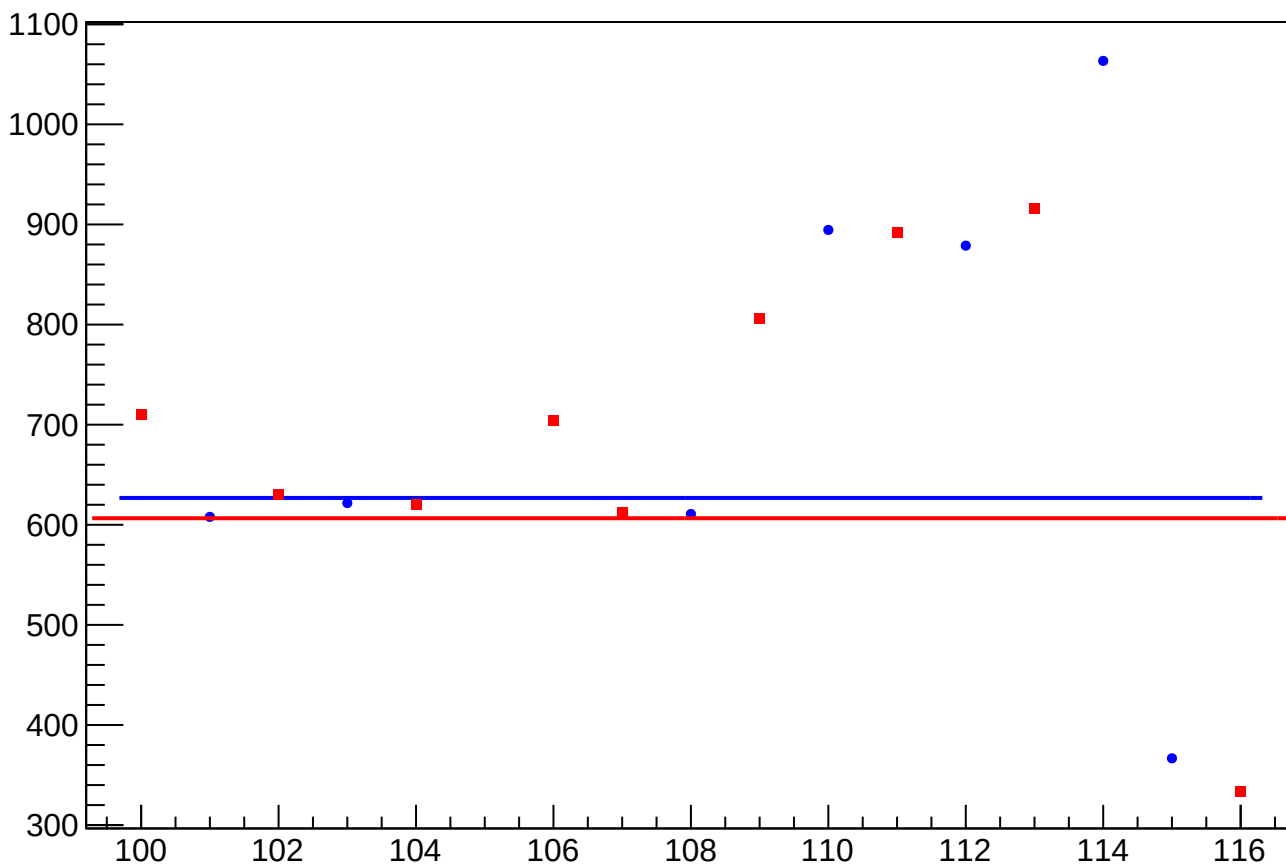
Right: -67.860+/-256.525 χ^2/NDF : 9.0/15

In: 165.723+/-387.229 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.860+/-256.525 χ^2/NDF : 9.0/15

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 626.823+/-0.274 χ^2/NDF : 332878.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.542+/-0.242 χ^2/NDF : 623287.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

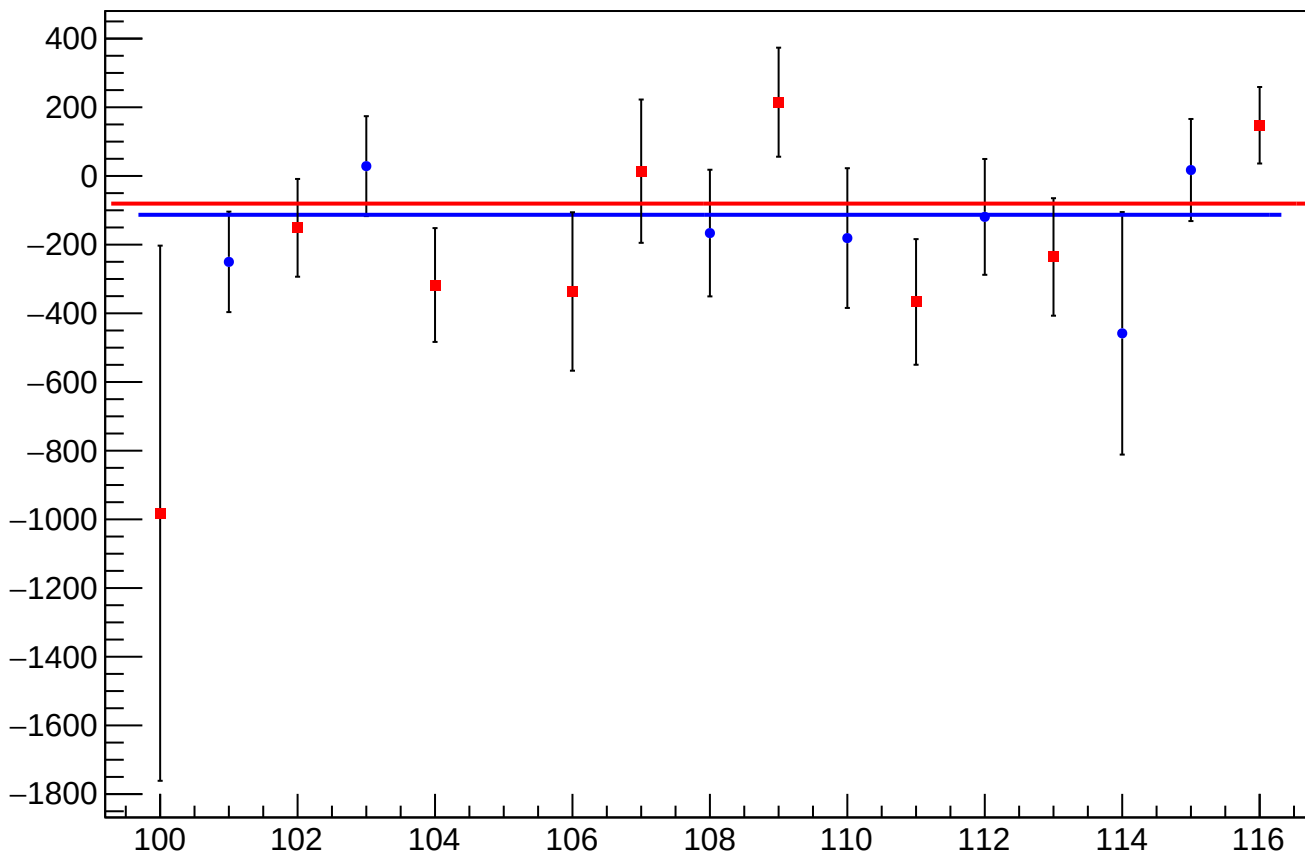
Right: 615.442+/-0.181 χ^2/NDF : 959245.2/15

In: 626.823+/-0.274 χ^2/NDF : 332878.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.442+/-0.181 χ^2/NDF : 959245.2/15

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -113.089+/-65.091 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.513+/-56.481 χ^2/NDF : 16.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

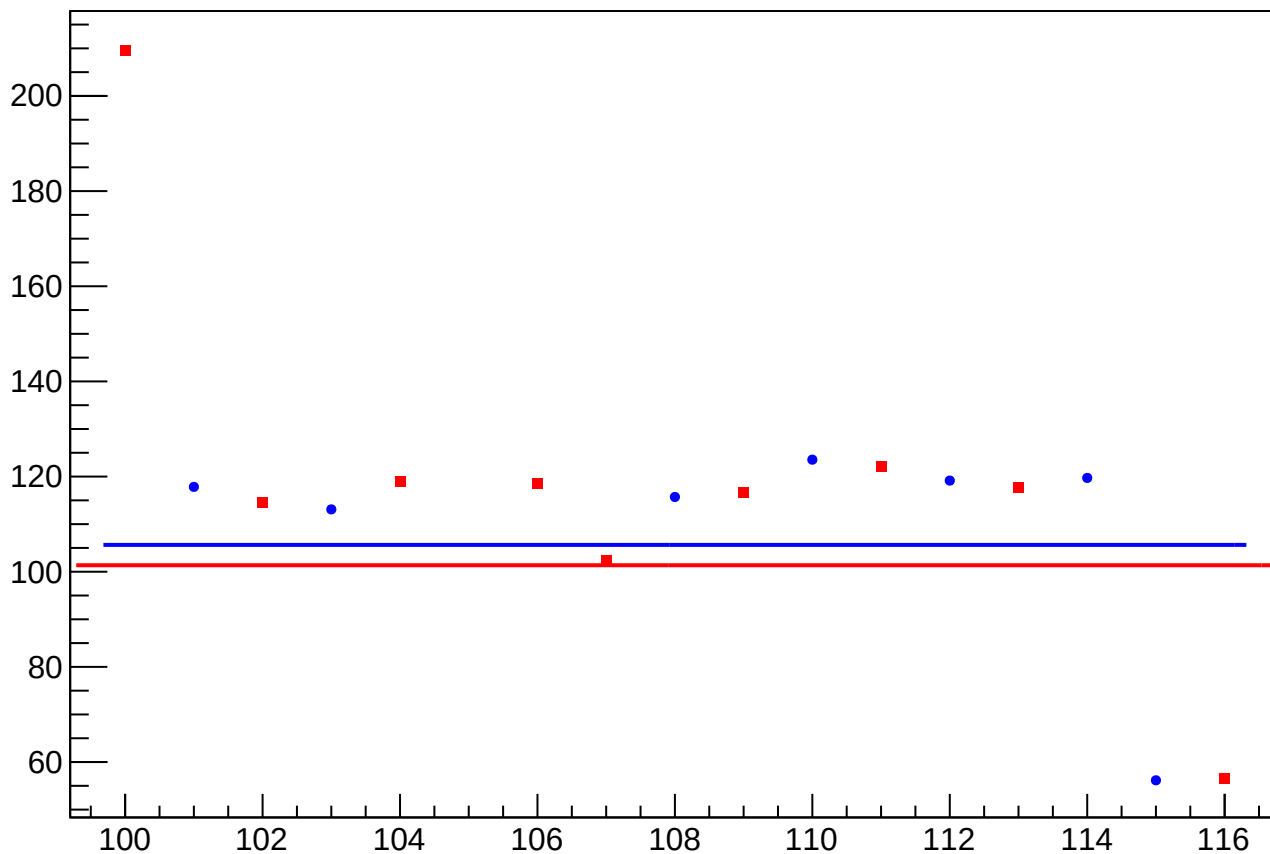
Right: -94.506+/-42.660 χ^2/NDF : 19.9/15

In: -113.089+/-65.091 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.506+/-42.660 χ^2/NDF : 19.9/15

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 105.643+/-0.046 χ^2/NDF : 278253.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.360+/-0.040 χ^2/NDF : 476069.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

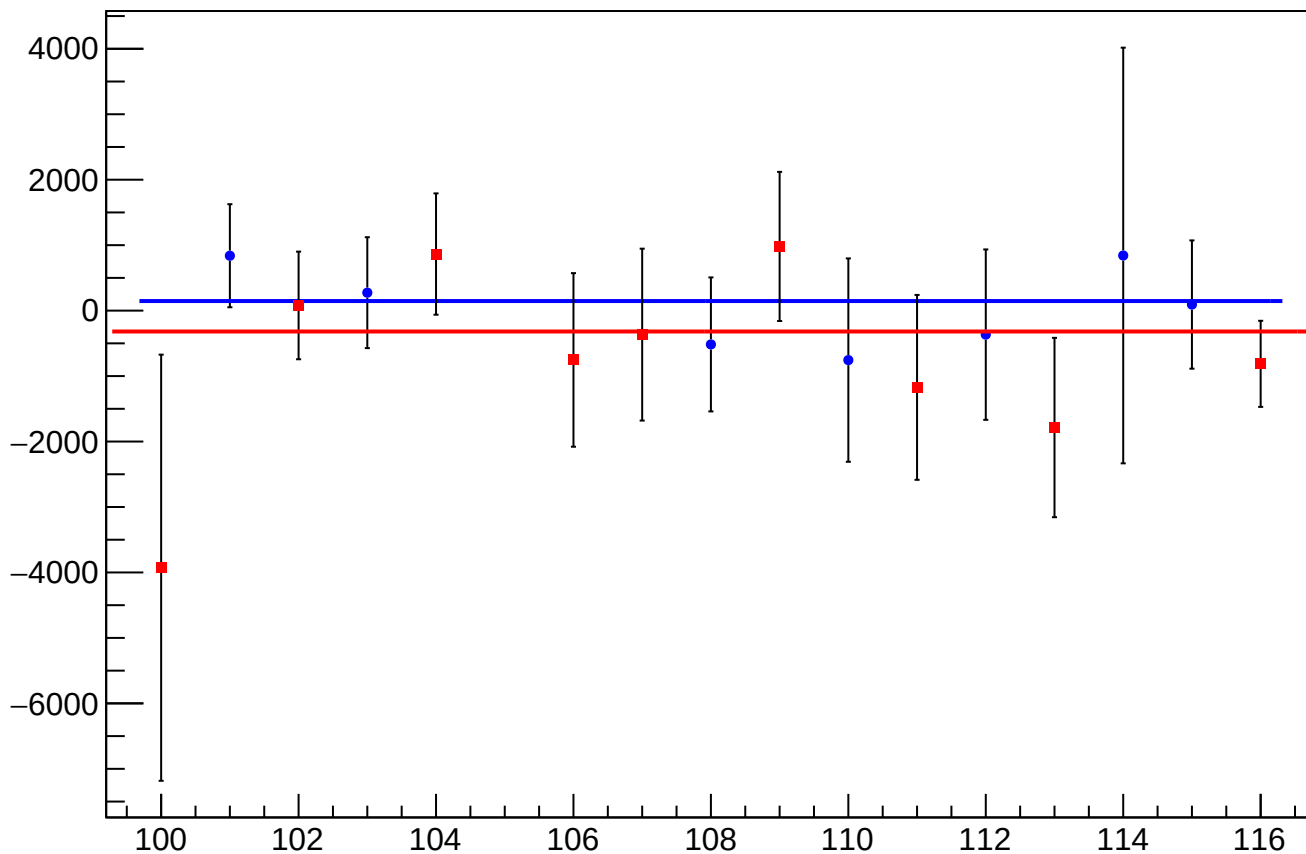
Right: 103.200+/-0.030 χ^2/NDF : 759265.4/15

In: 105.643+/-0.046 χ^2/NDF : 278253.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.200+/-0.030 χ^2/NDF : 759265.4/15

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 146.212 $\pm$ 404.638 χ^2 /NDF: 1.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -318.931 $\pm$ 353.454 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

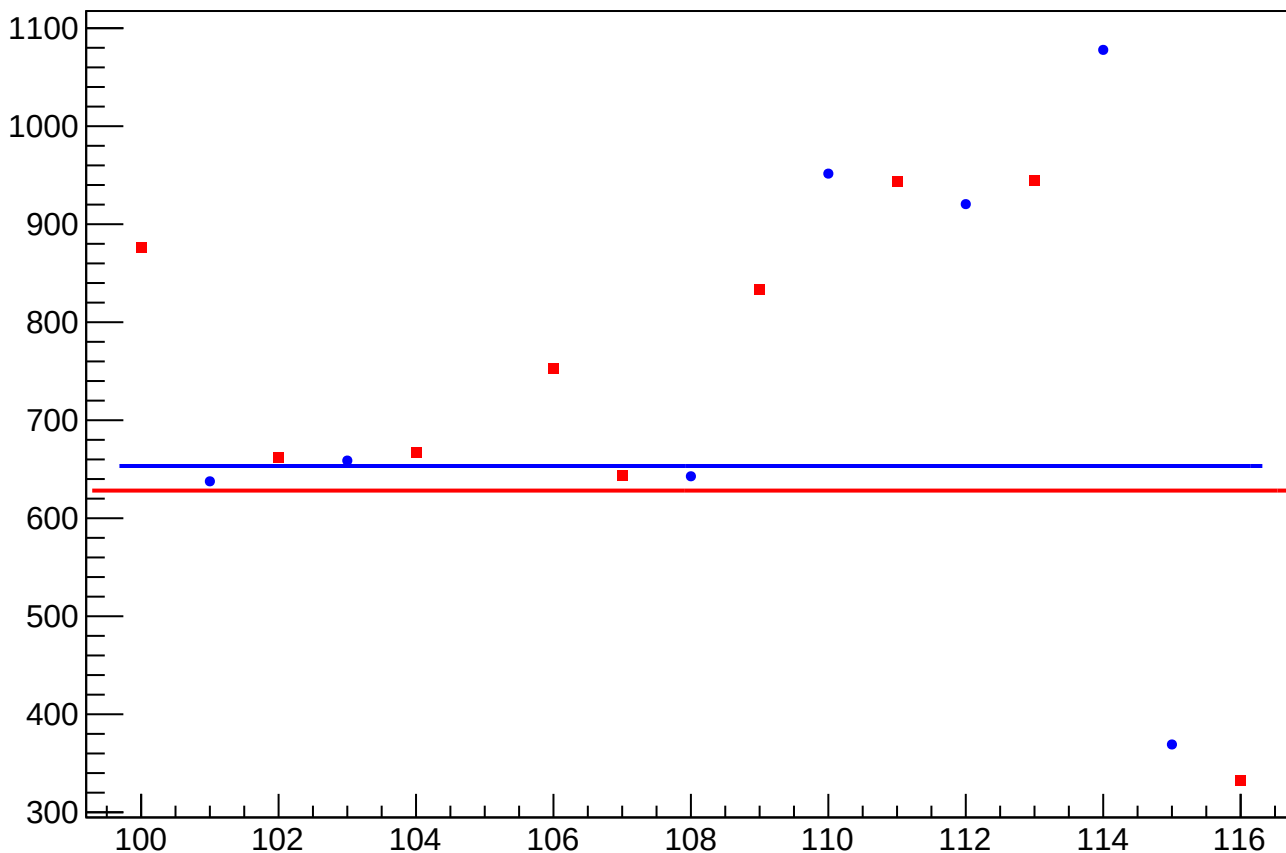
Right: -117.622 $\pm$ 266.198 χ^2 /NDF: 9.1/15

In: 146.212 $\pm$ 404.638 χ^2 /NDF:1.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -117.622 $\pm$ 266.198 χ^2 /NDF: 9.1/15

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 653.309 $\pm$ 0.286 χ^2 /NDF: 363064.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 628.222 $\pm$ 0.250 χ^2 /NDF: 711934.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

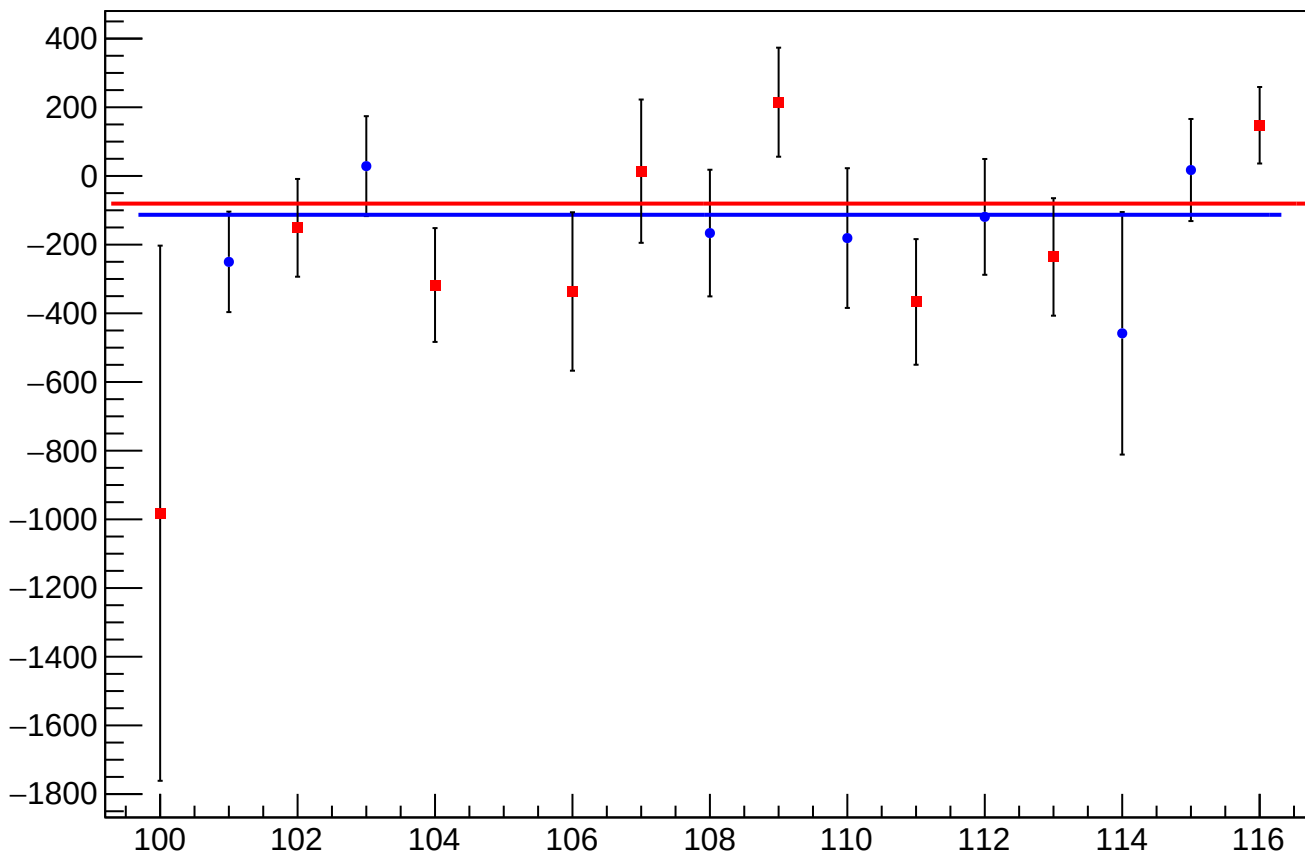
Right: 639.080 $\pm$ 0.188 χ^2 /NDF: 1079358.8/15

In: 653.309 $\pm$ 0.286 χ^2 /NDF:363064.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 639.080 $\pm$ 0.188 χ^2 /NDF: 1079358.8/15

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -113.087+/-65.091 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.516+/-56.481 χ^2/NDF : 16.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

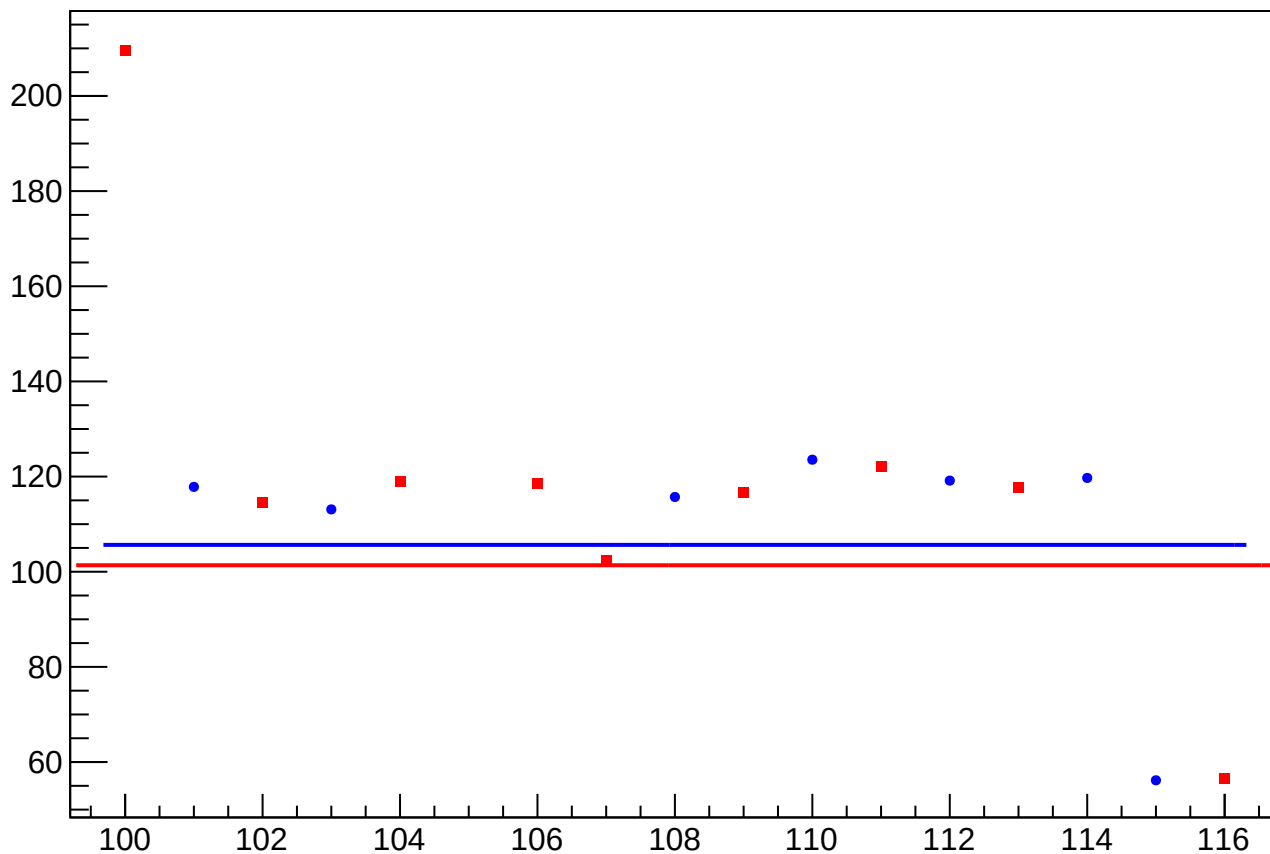
Right: -94.506+/-42.660 χ^2/NDF : 19.9/15

In: -113.087+/-65.091 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.506+/-42.660 χ^2/NDF : 19.9/15

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 105.643 $\pm$ 0.046 χ^2 /NDF: 278226.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.360 $\pm$ 0.040 χ^2 /NDF: 476028.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

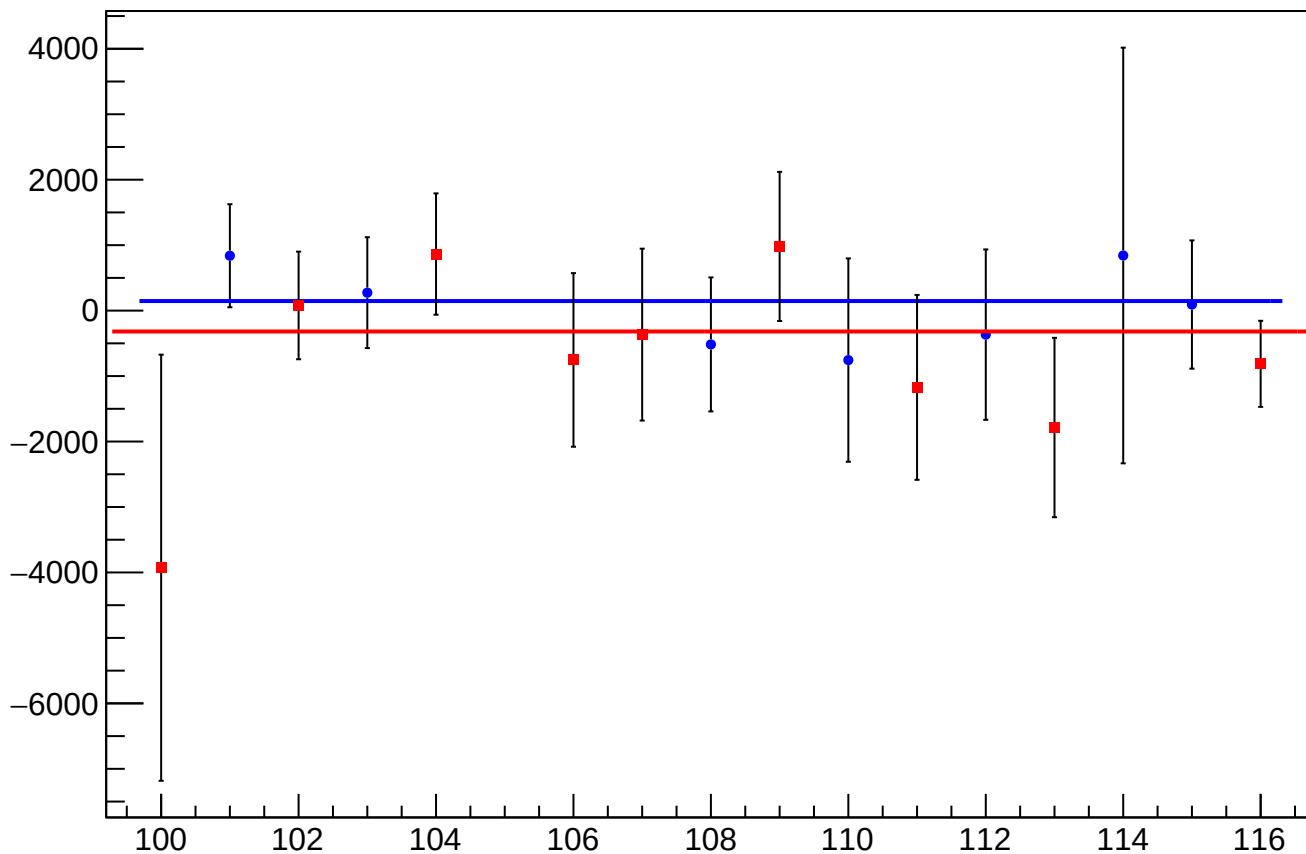
Right: 103.200 $\pm$ 0.030 χ^2 /NDF: 759197.0/15

In: 105.643 $\pm$ 0.046 χ^2 /NDF: 278226.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.200 $\pm$ 0.030 χ^2 /NDF: 759197.0/15

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 146.213+/-404.638 χ^2/NDF : 1.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -318.932+/-353.454 χ^2/NDF : 6.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

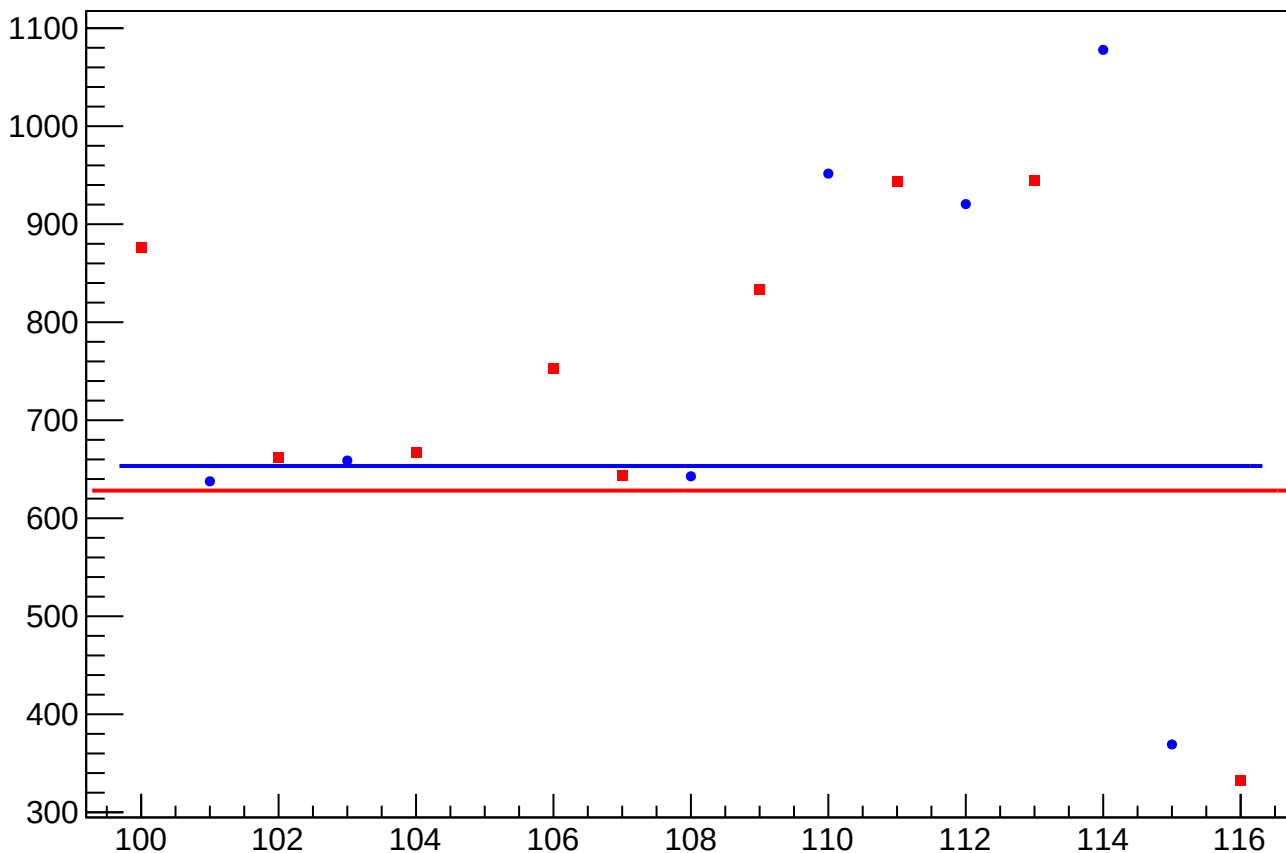
Right: -117.622+/-266.198 χ^2/NDF : 9.1/15

In: 146.213+/-404.638 χ^2/NDF : 1.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.622+/-266.198 χ^2/NDF : 9.1/15

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 653.309+/-0.286 χ^2/NDF : 363053.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 628.223+/-0.250 χ^2/NDF : 711918.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

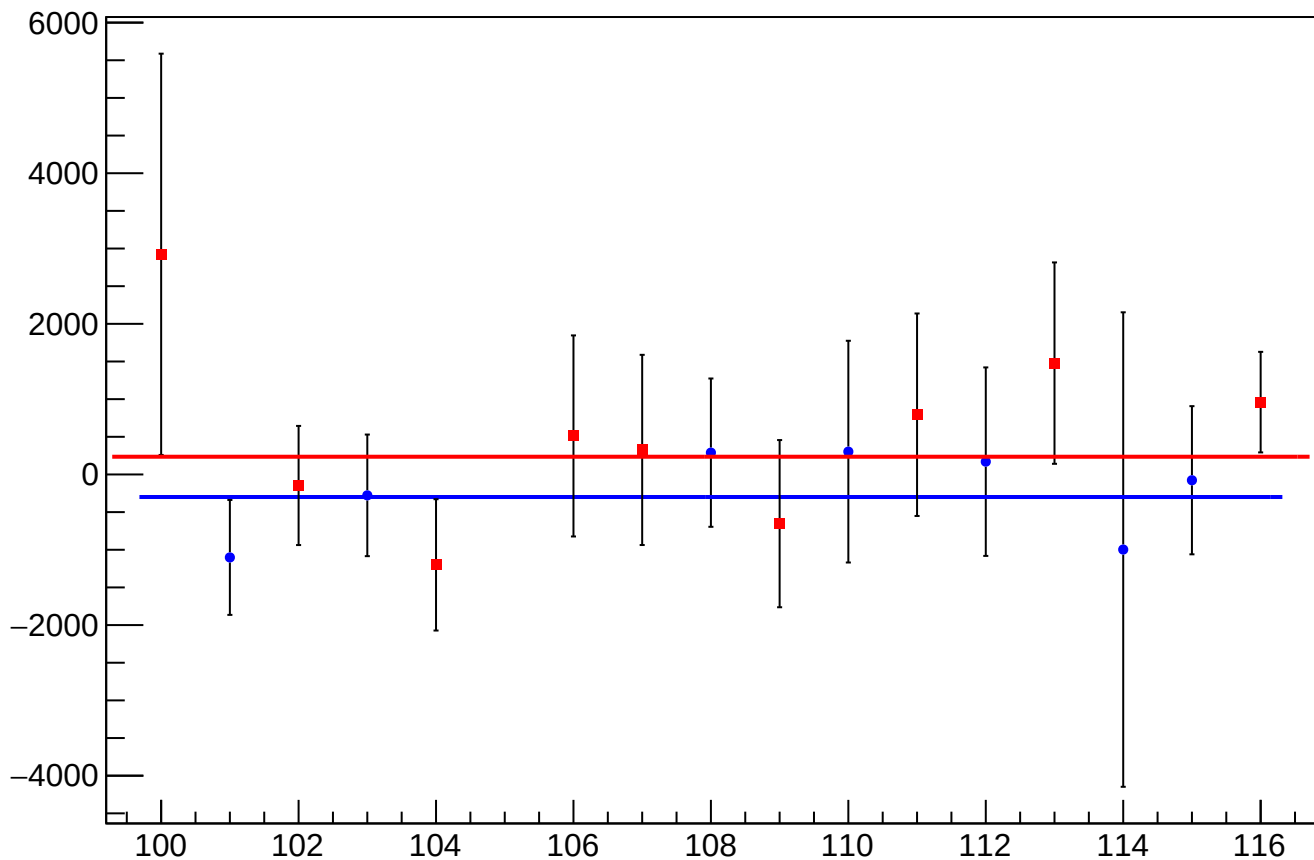
Right: 639.080+/-0.188 χ^2/NDF : 1079332.4/15

In: 653.309+/-0.286 χ^2/NDF : 363053.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.080+/-0.188 χ^2/NDF : 1079332.4/15

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -299.373+/-391.711 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.457+/-344.819 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

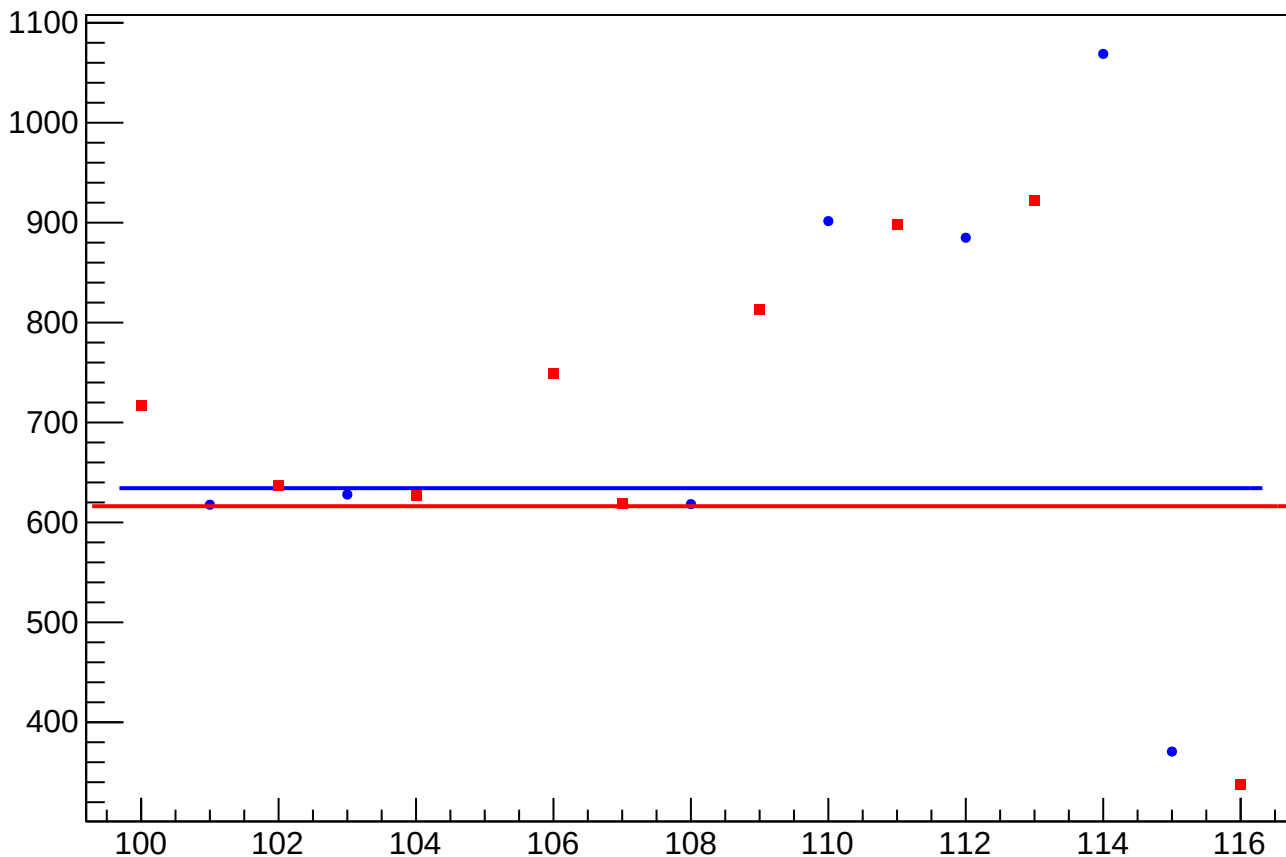
Right: 1.956+/-258.823 χ^2/NDF : 9.8/15

In: -299.373+/-391.711 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.956+/-258.823 χ^2/NDF : 9.8/15

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 634.284+/-0.277 χ^2/NDF : 329397.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.208+/-0.244 χ^2/NDF : 627102.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

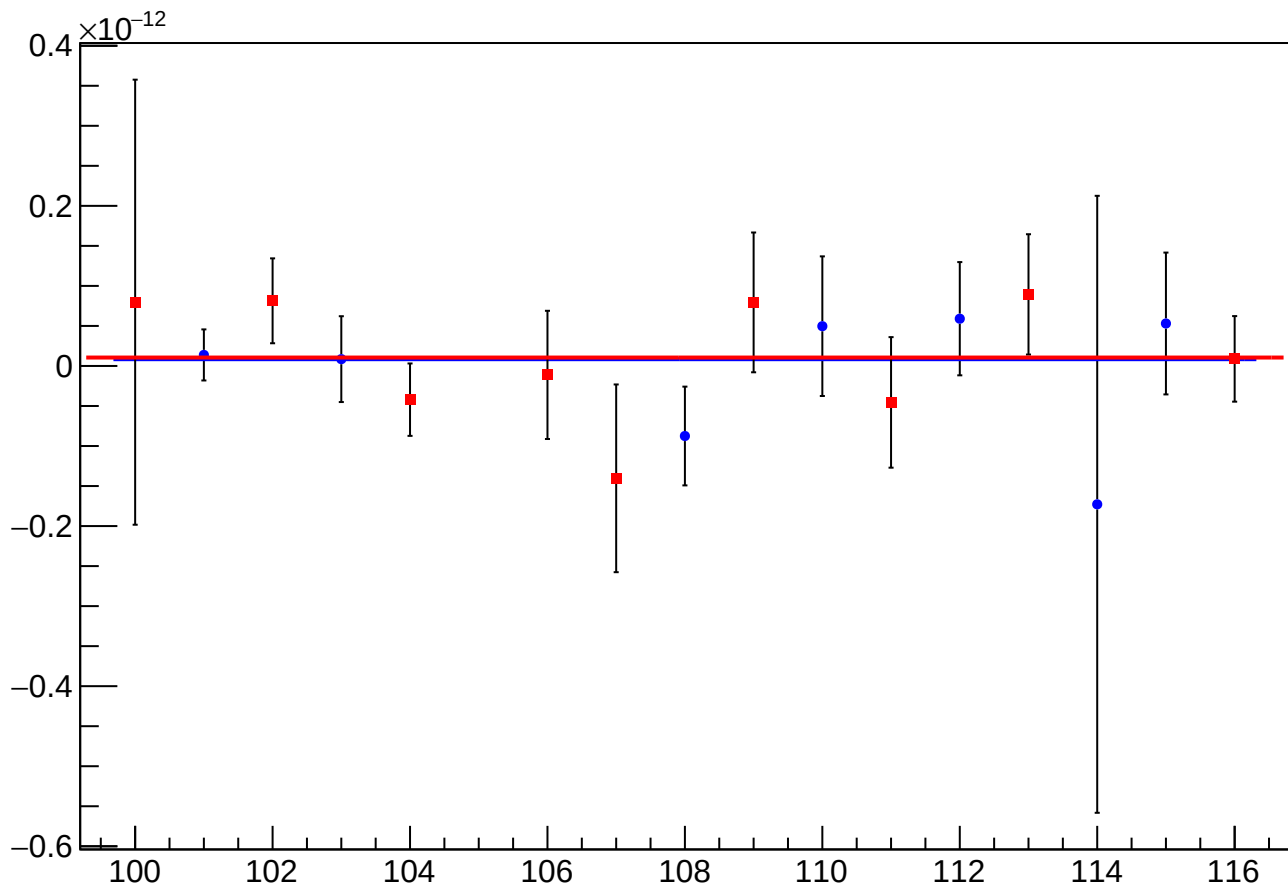
Right: 624.100+/-0.183 χ^2/NDF : 958899.2/15

In: 634.284+/-0.277 χ^2/NDF : 329397.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.100+/-0.183 χ^2/NDF : 958899.2/15

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

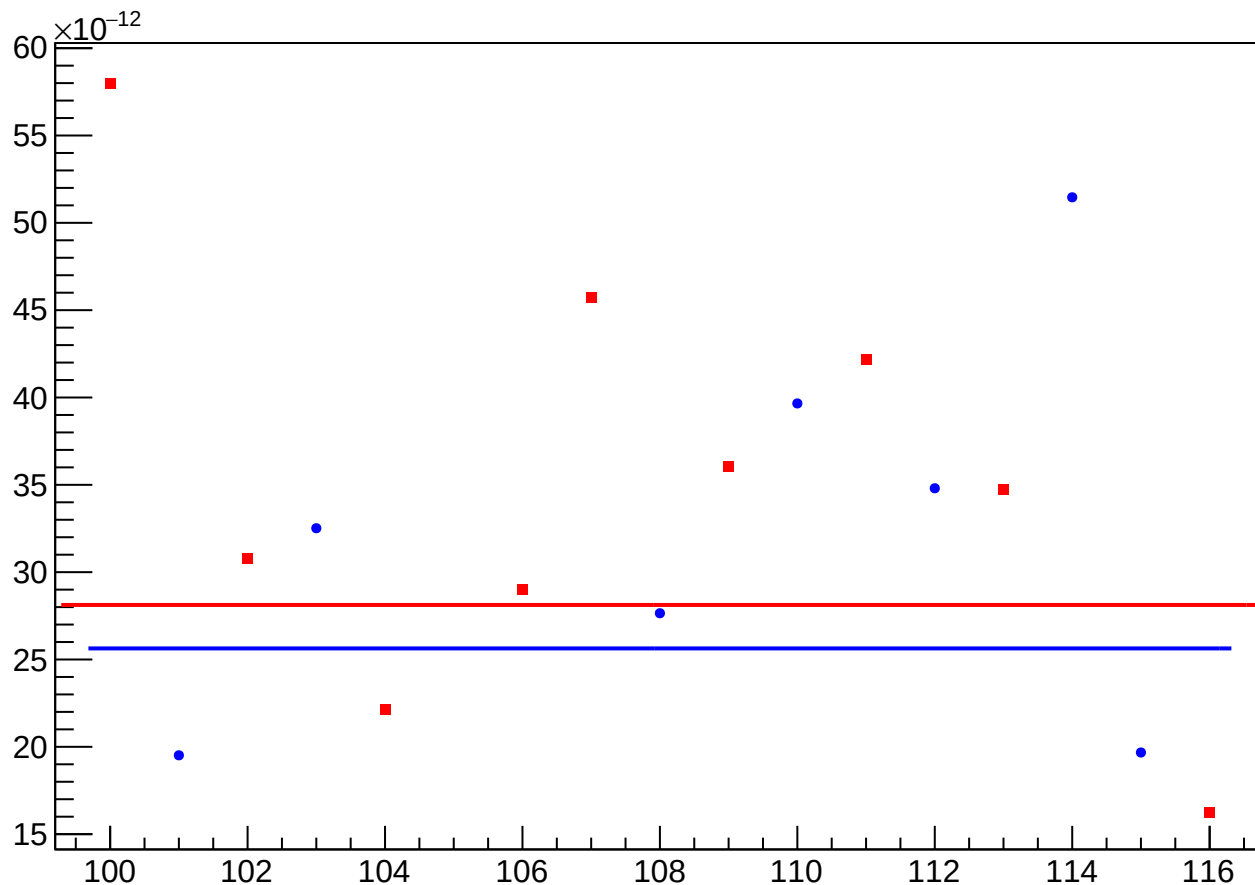
Right: 0.000+/-0.000 χ^2/NDF : 10.8/15

In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.8/15

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 212074.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 298533.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

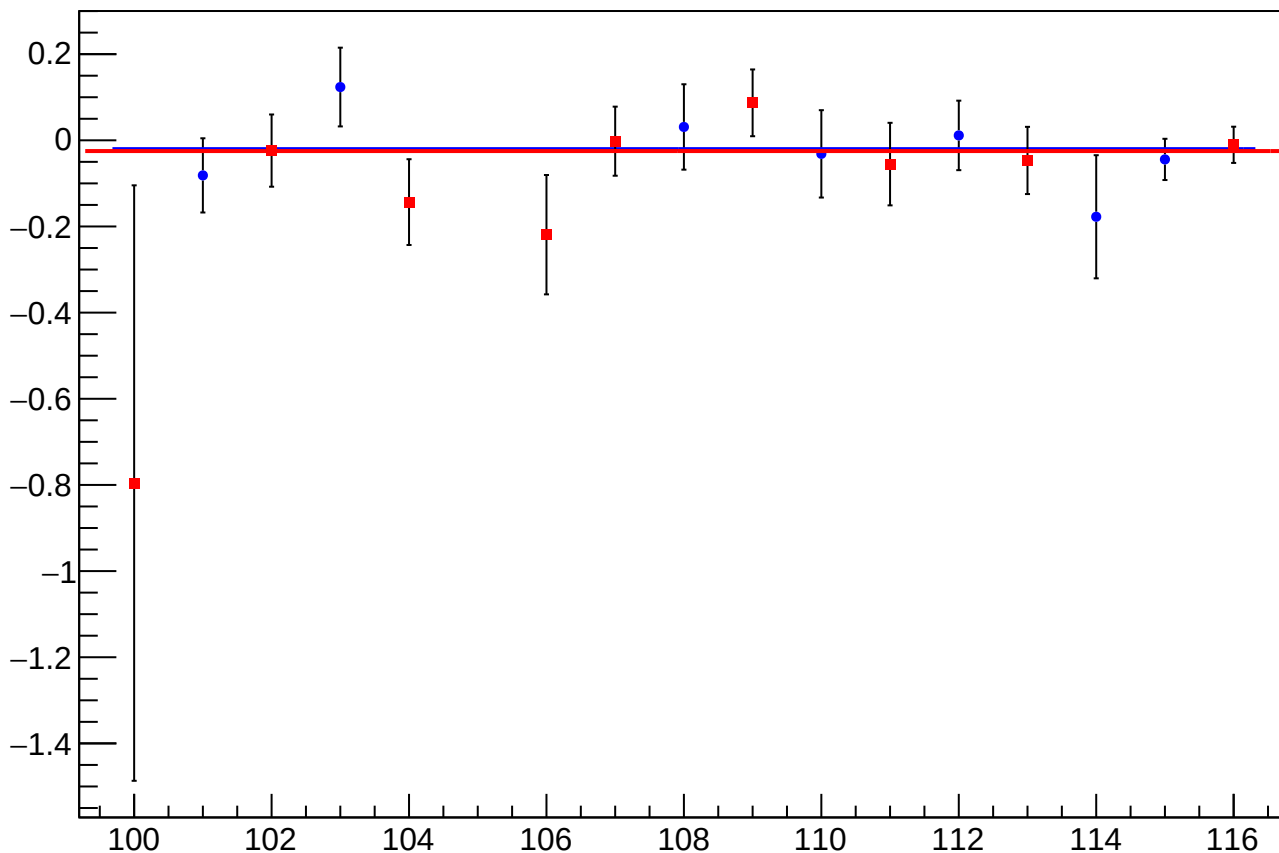
Right: 0.000+/-0.000 χ^2/NDF : 522828.1/15

In: 0.000+/-0.000 χ^2/NDF : 212074.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 522828.1/15

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.030 χ^2/NDF : 4.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.026 χ^2/NDF : 7.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

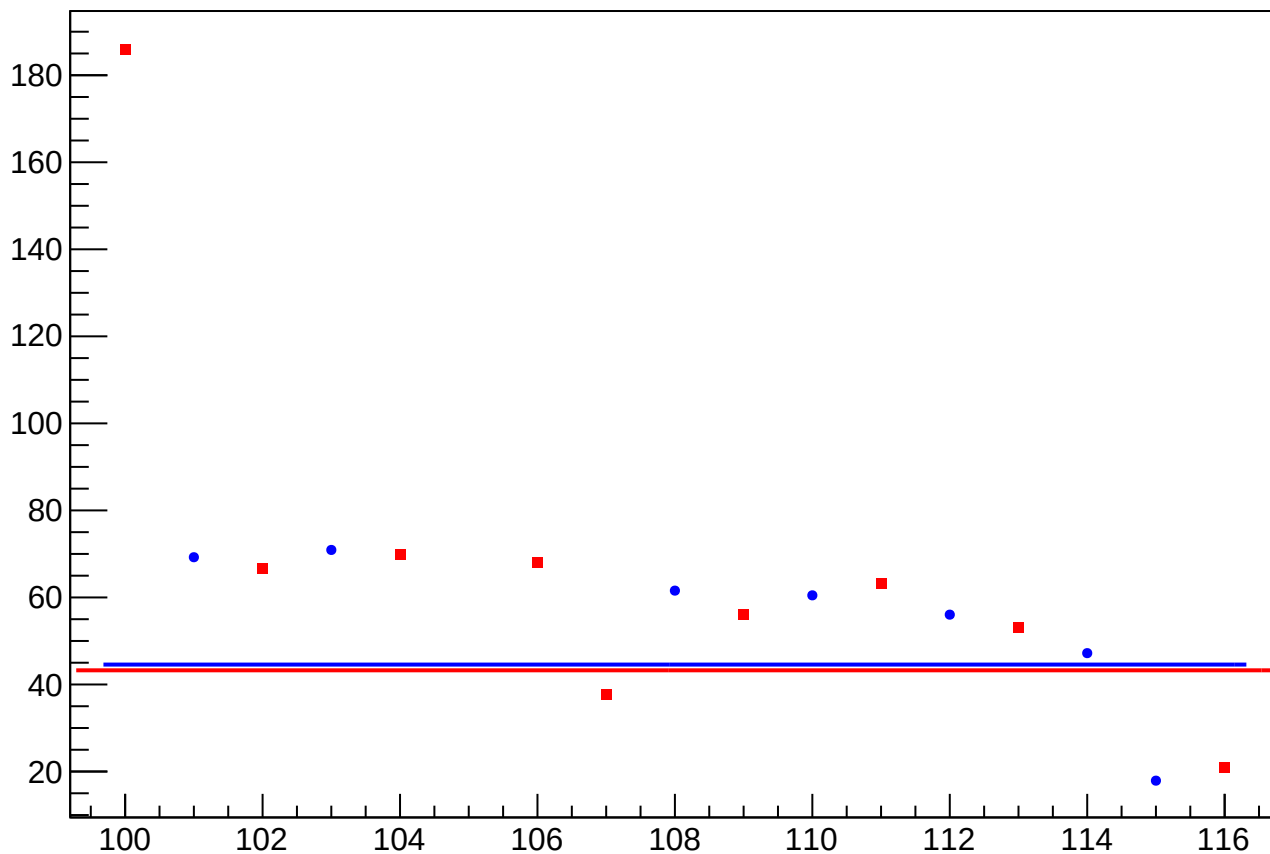
Right: -0.023 ± 0.020 χ^2/NDF : 12.0/15

In: -0.020 ± 0.030 χ^2/NDF : 4.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.020 χ^2/NDF : 12.0/15

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.574+/-0.021 χ^2/NDF : 1100626.3/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.255+/-0.019 χ^2/NDF : 1198826.3/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

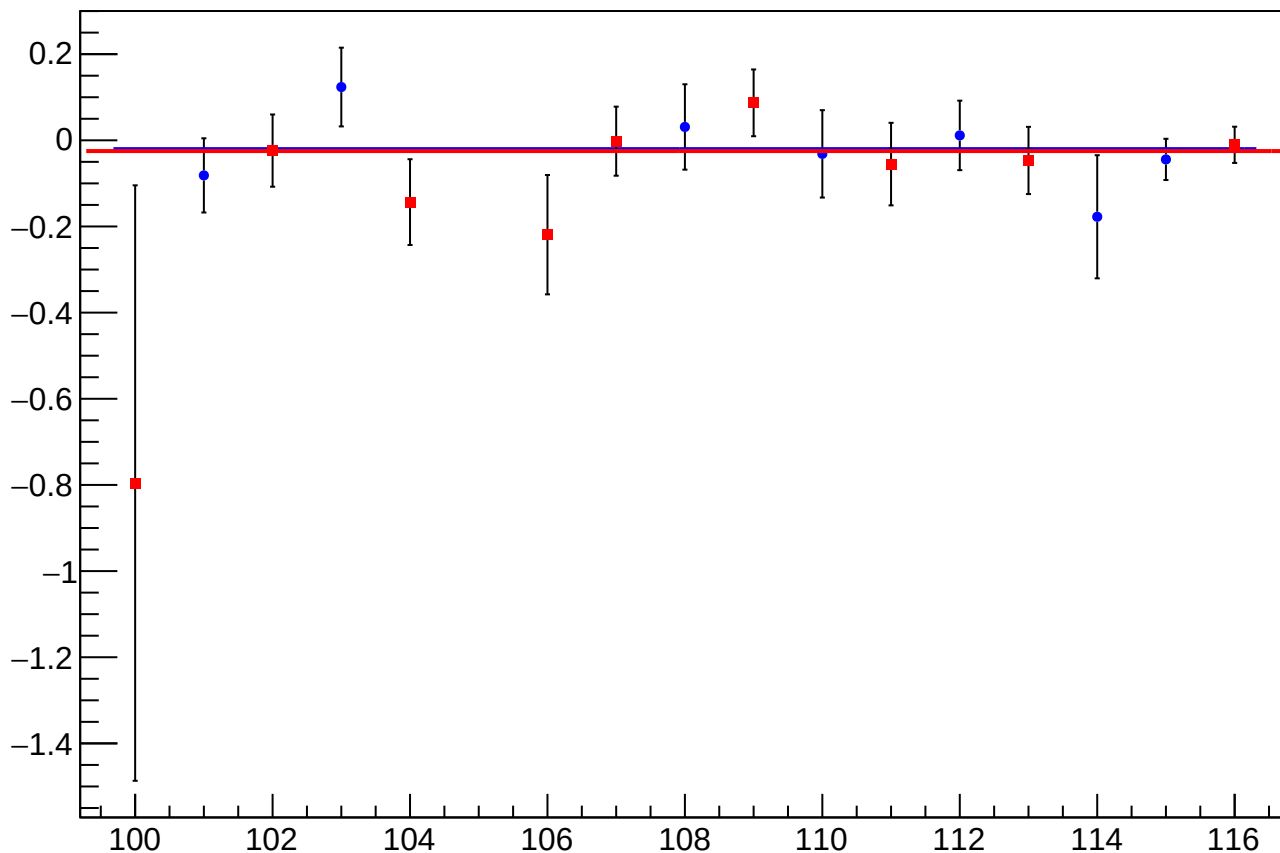
Right: 43.820+/-0.014 χ^2/NDF : 2301625.0/15

In: 44.574+/-0.021 χ^2/NDF :1100626.3/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.820+/-0.014 χ^2/NDF : 2301625.0/15

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.030 χ^2/NDF : 4.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.026 χ^2/NDF : 7.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

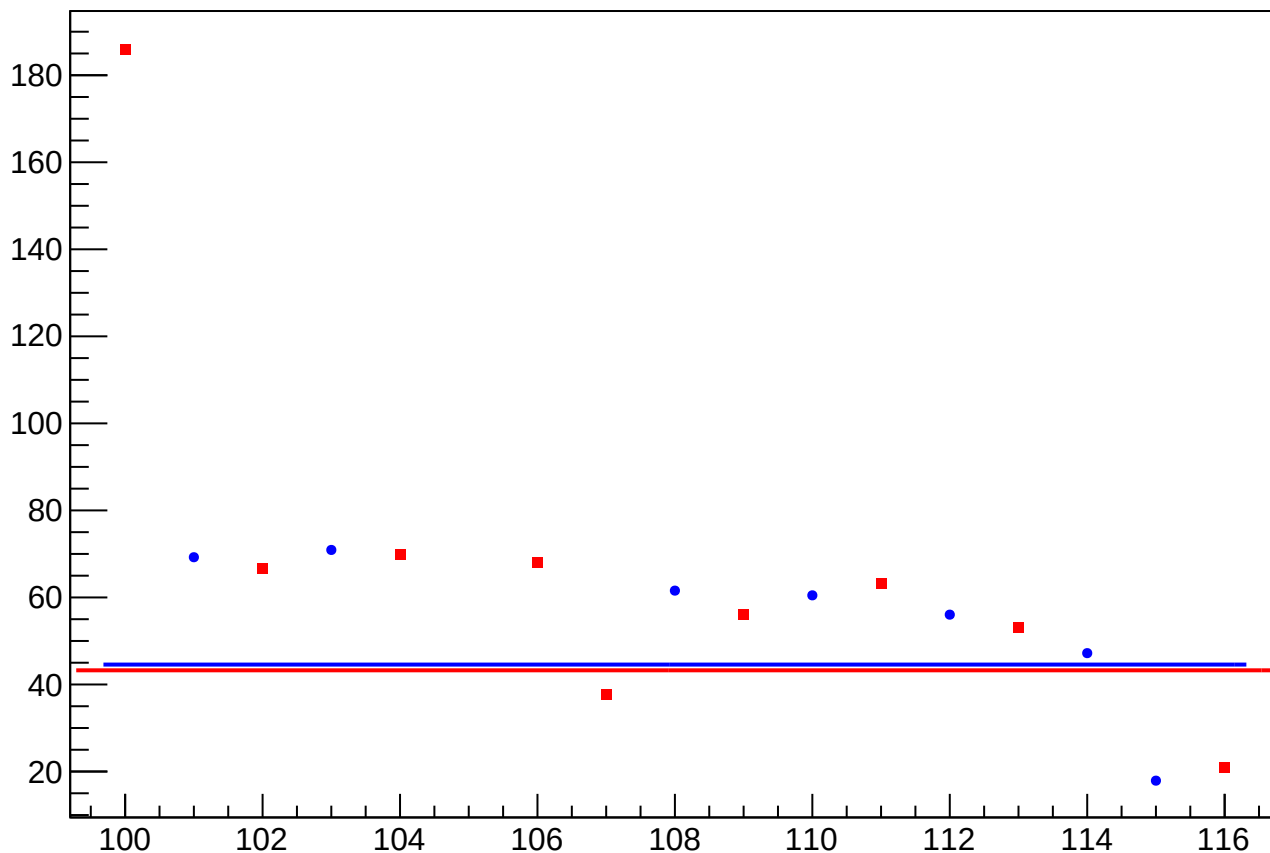
Right: -0.023 ± 0.020 χ^2/NDF : 12.0/15

In: -0.020 ± 0.030 χ^2/NDF : 4.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.020 χ^2/NDF : 12.0/15

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.574 $\pm$ 0.021 χ^2 /NDF: 1100626.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.255 $\pm$ 0.019 χ^2 /NDF: 1198826.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

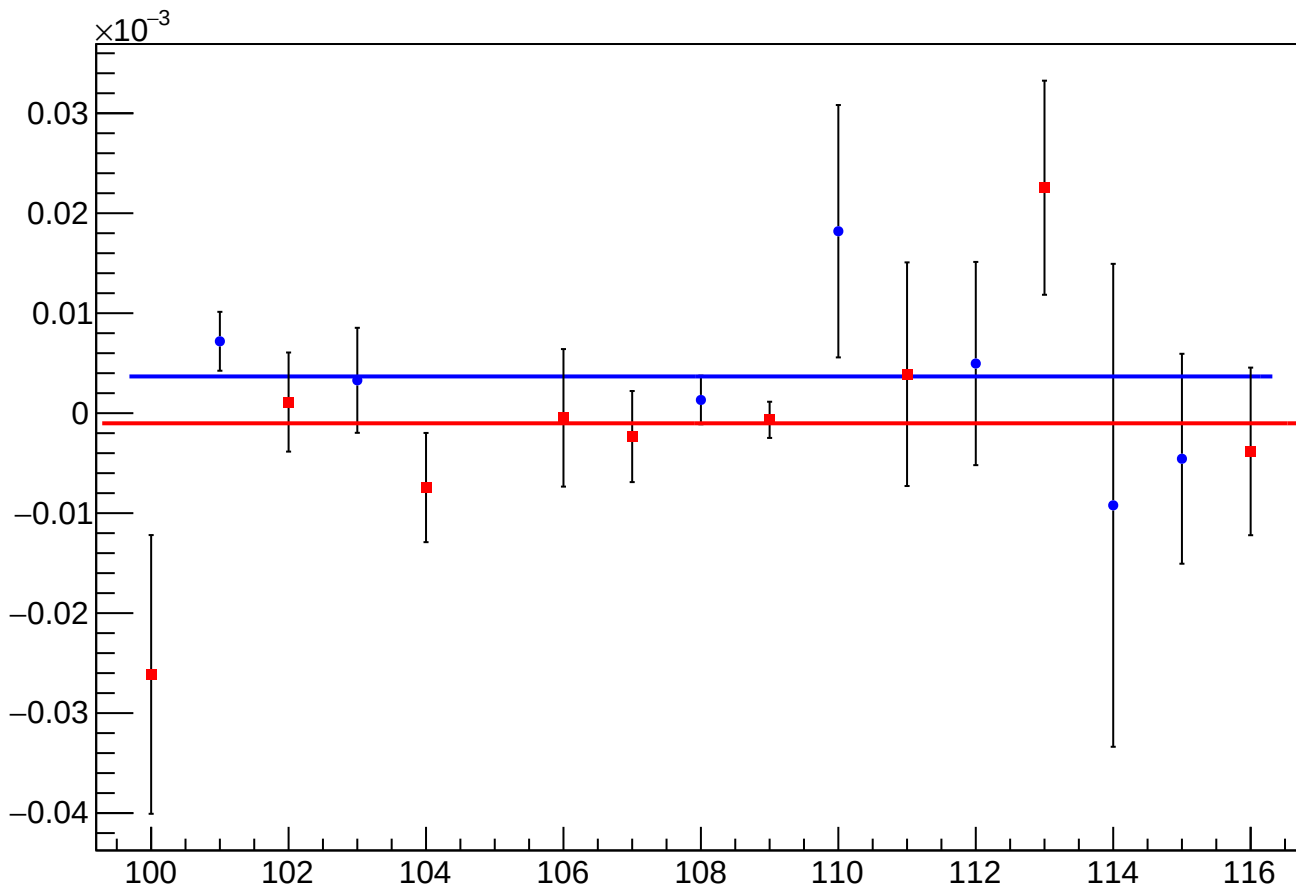
Right: 43.820 $\pm$ 0.014 χ^2 /NDF: 2301625.0/15

In: 44.574 $\pm$ 0.021 χ^2 /NDF:1100626.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.820 $\pm$ 0.014 χ^2 /NDF: 2301625.0/15

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

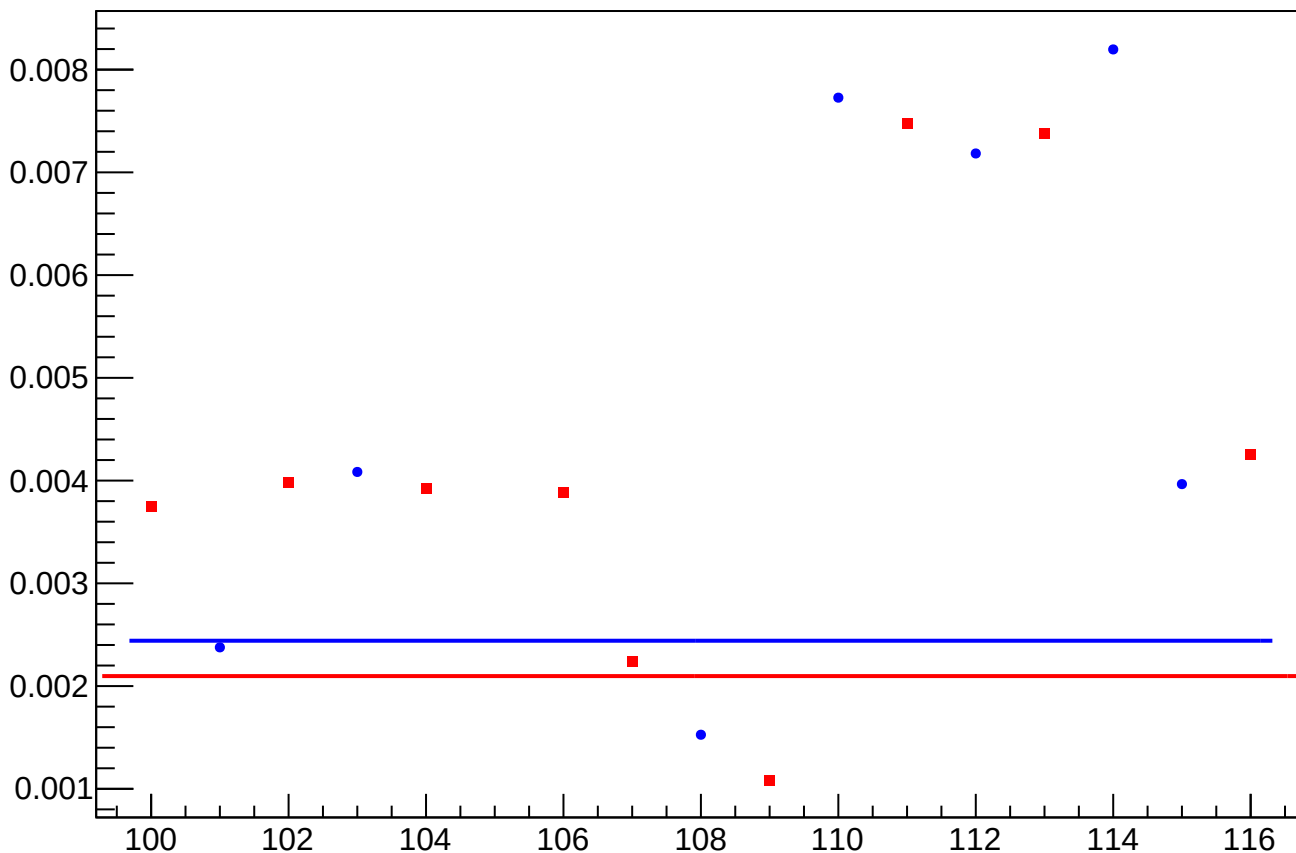
Right: 0.000+/-0.000 χ^2/NDF : 19.1/15

In: 0.000+/-0.000 χ^2/NDF : 4.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.1/15

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1422060.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2392896.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

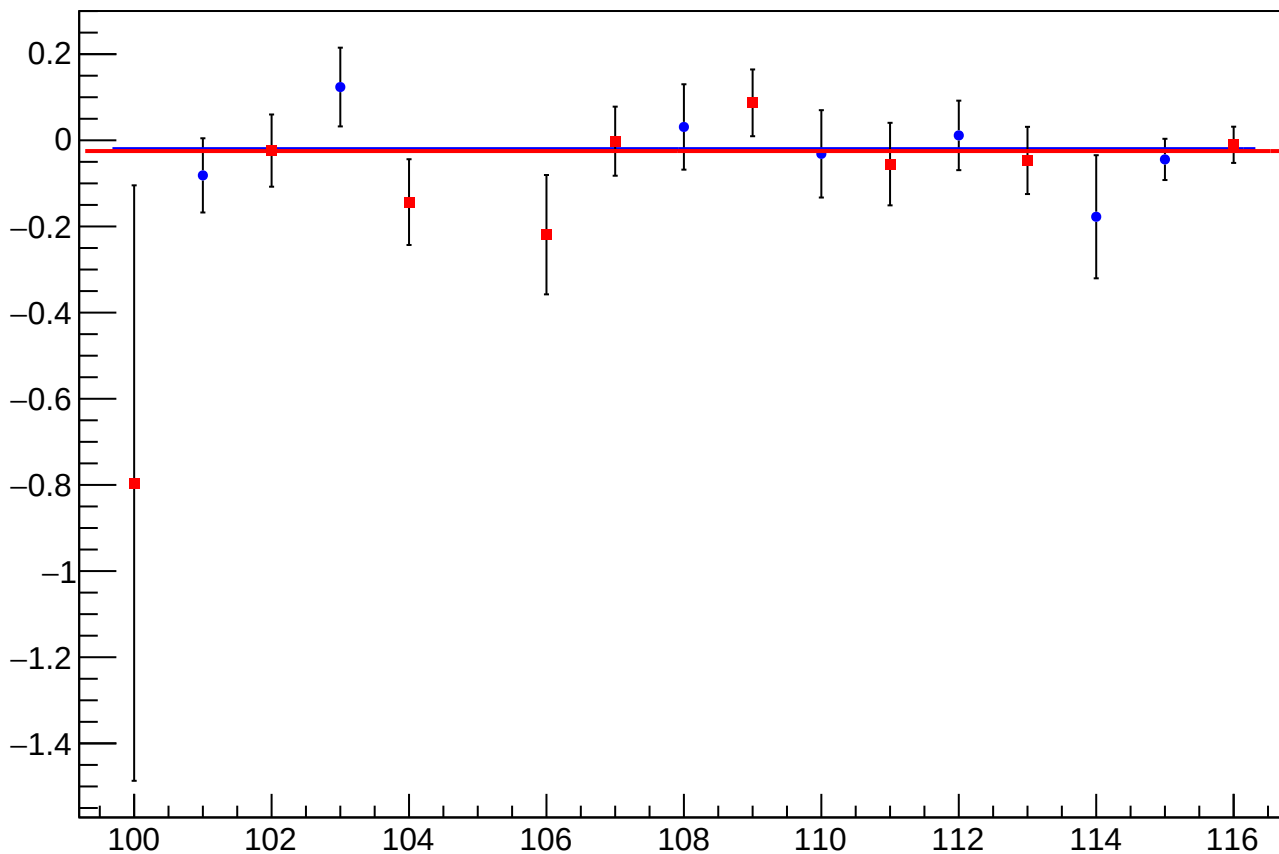
Right: 0.002+/-0.000 χ^2/NDF : 3862914.0/15

In: 0.002+/-0.000 χ^2/NDF : 1422060.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3862914.0/15

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.030 χ^2/NDF : 4.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.026 χ^2/NDF : 7.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

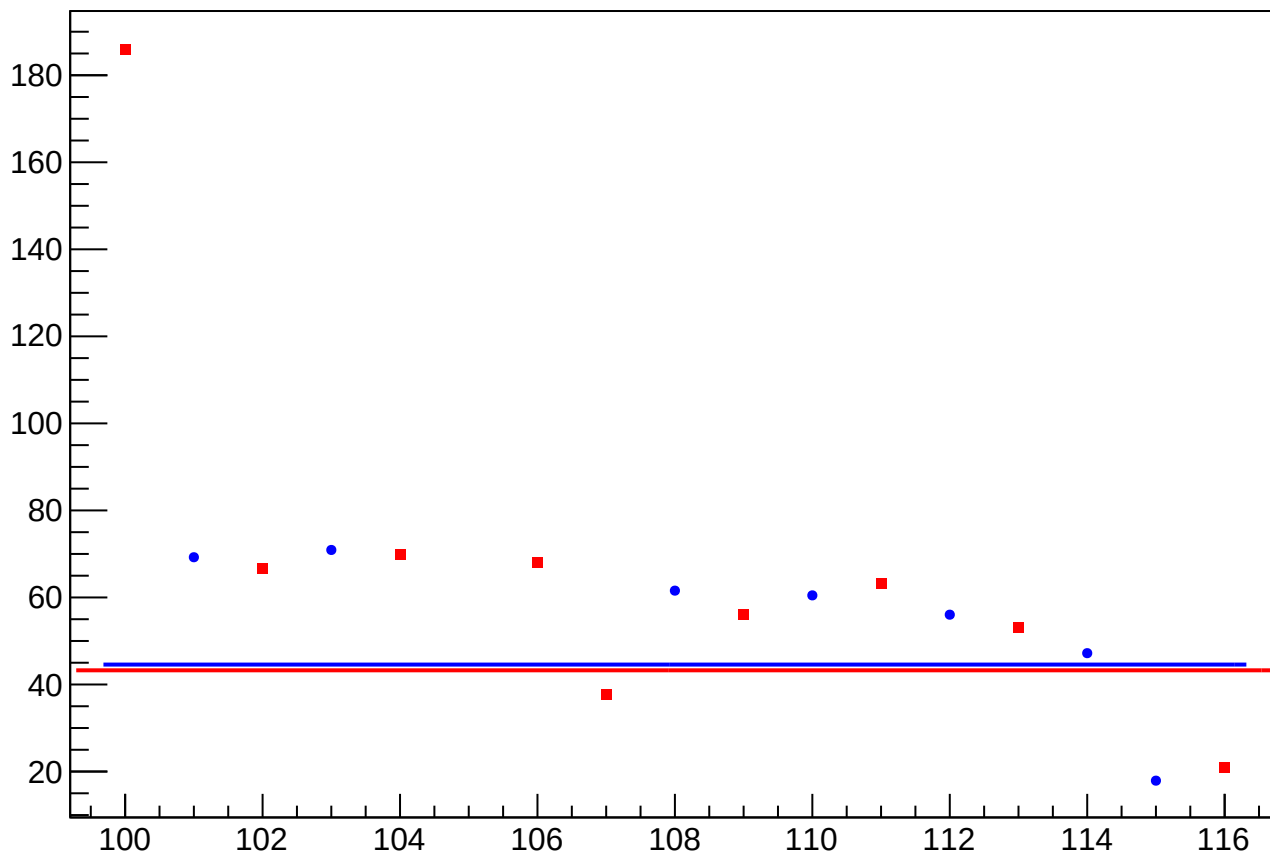
Right: -0.023 ± 0.020 χ^2/NDF : 12.0/15

In: -0.020 ± 0.030 χ^2/NDF : 4.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.020 χ^2/NDF : 12.0/15

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.577 $\pm$ 0.021 χ^2 /NDF: 1100254.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.258 $\pm$ 0.019 χ^2 /NDF: 1198481.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

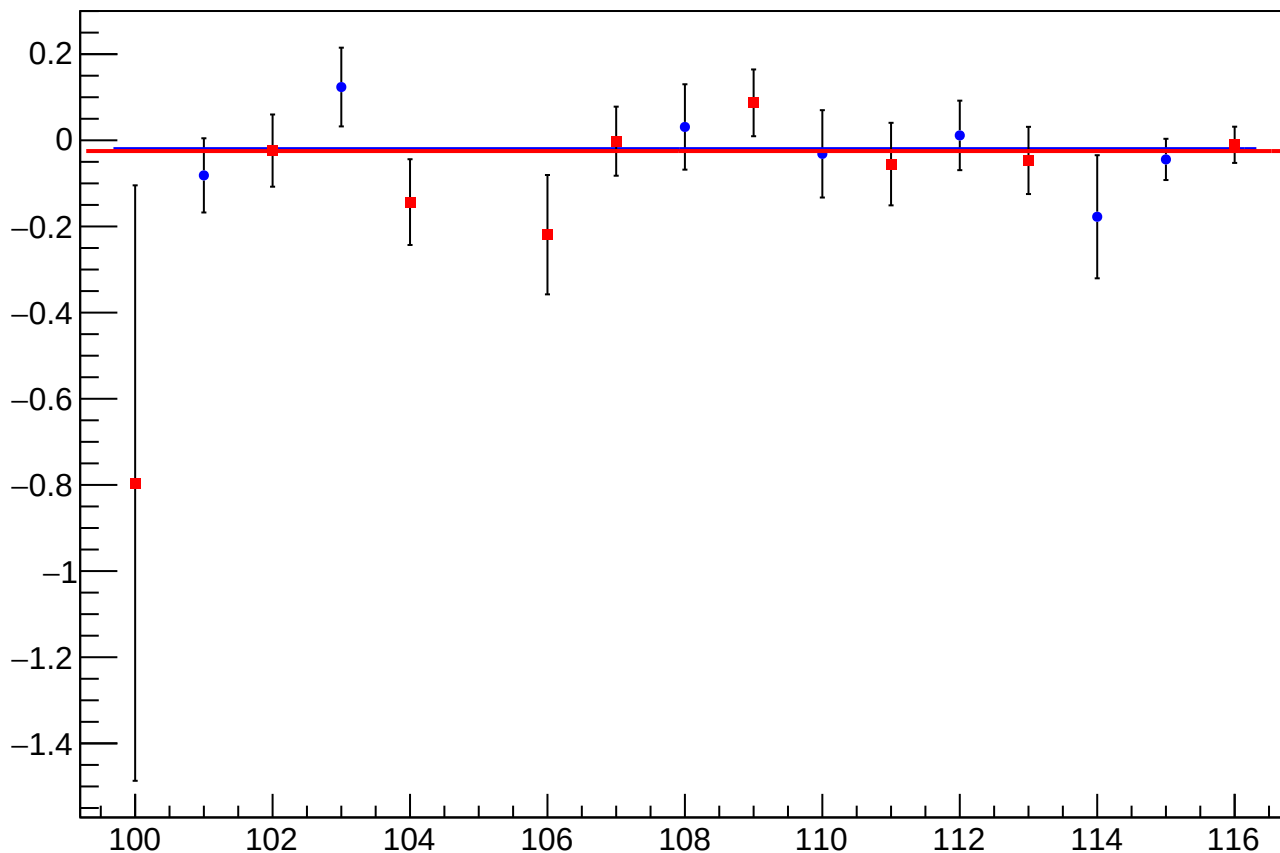
Right: 43.823 $\pm$ 0.014 χ^2 /NDF: 2300910.2/15

In: 44.577 $\pm$ 0.021 χ^2 /NDF:1100254.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.823 $\pm$ 0.014 χ^2 /NDF: 2300910.2/15

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.030 χ^2/NDF : 4.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.025+/-0.026 χ^2/NDF : 7.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

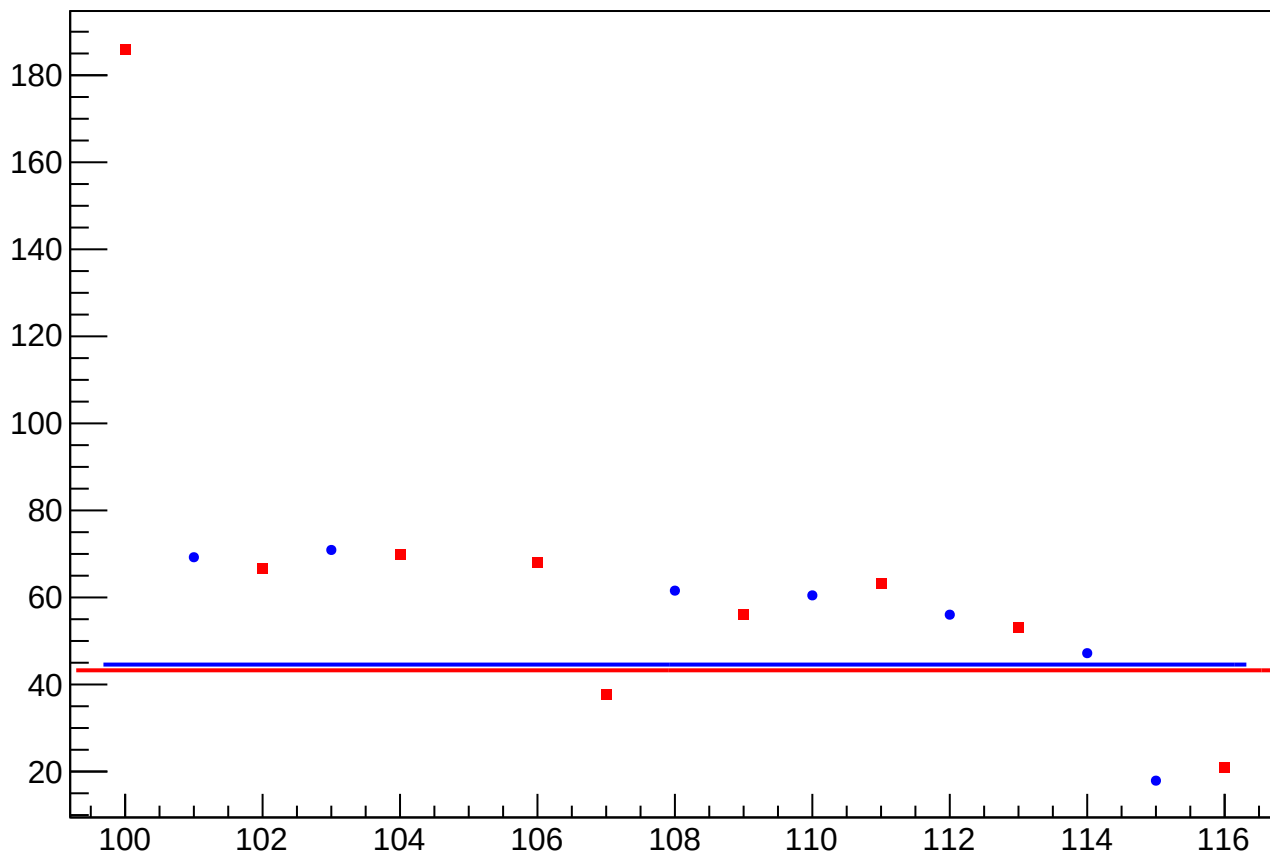
Right: -0.023+/-0.020 χ^2/NDF : 12.0/15

In: -0.020+/-0.030 χ^2/NDF :4.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.023+/-0.020 χ^2/NDF : 12.0/15

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.577+/-0.021 χ^2/NDF : 1100254.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.258+/-0.019 χ^2/NDF : 1198481.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

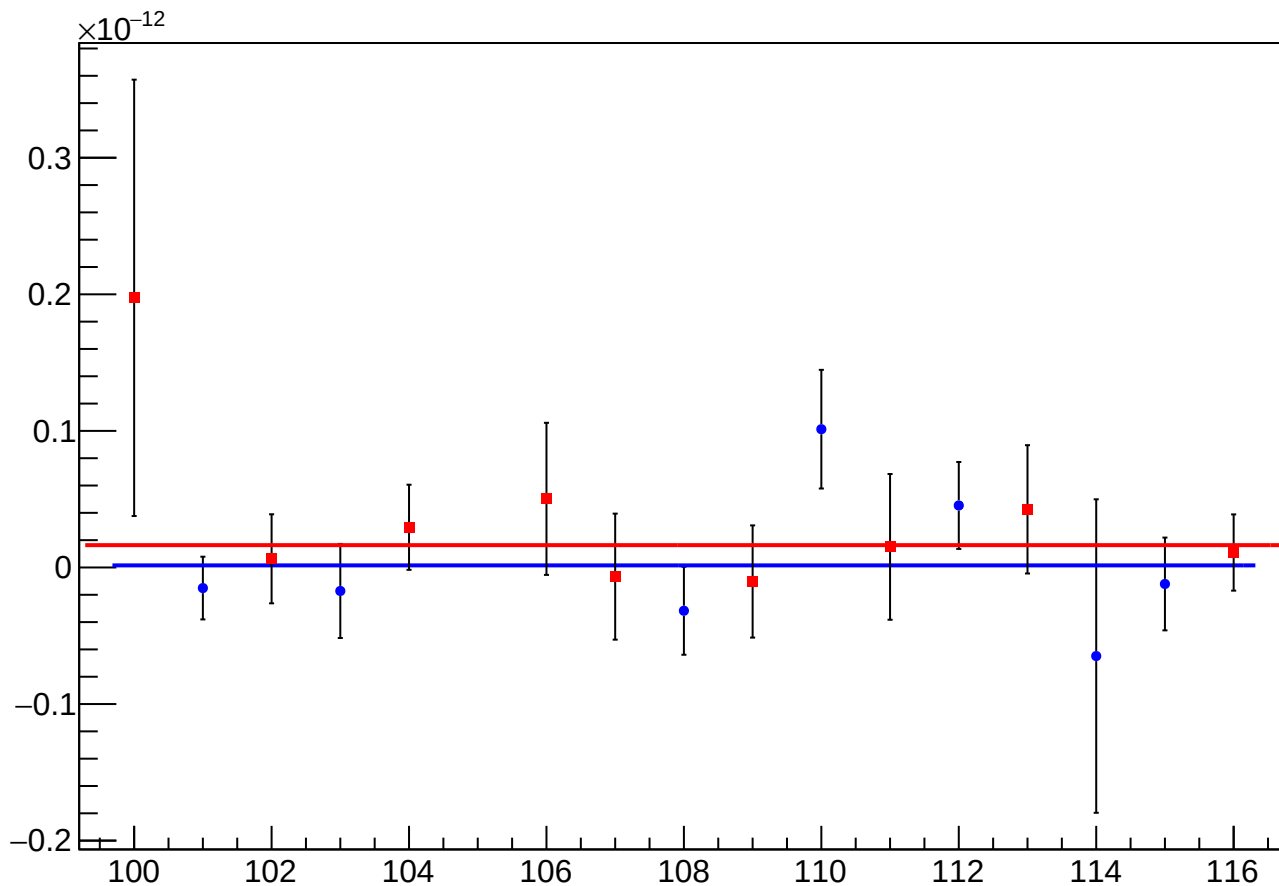
Right: 43.823+/-0.014 χ^2/NDF : 2300910.2/15

In: 44.577+/-0.021 χ^2/NDF : 1100254.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.823+/-0.014 χ^2/NDF : 2300910.2/15

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

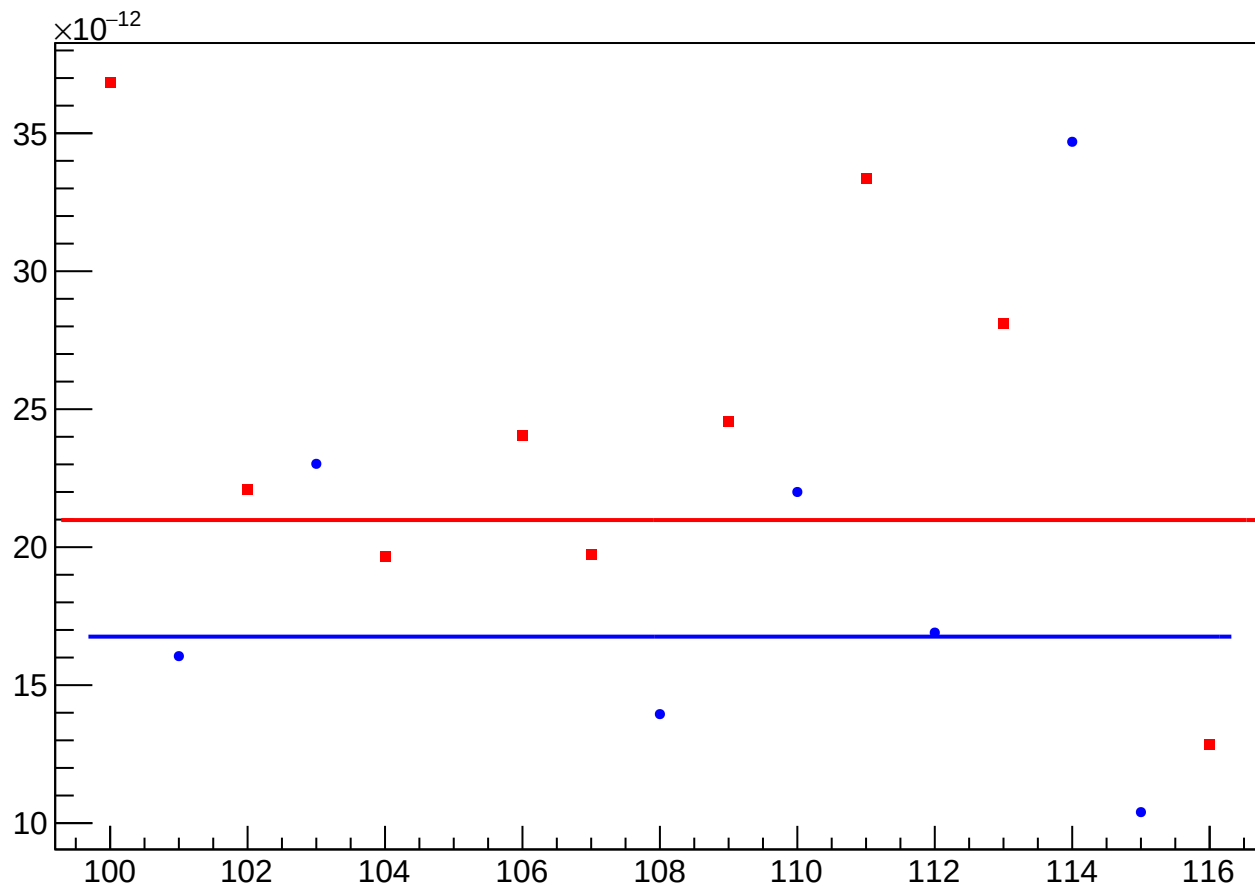
Right: 0.000+/-0.000 χ^2/NDF : 13.1/15

In: 0.000+/-0.000 χ^2/NDF : 9.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/15

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 231345.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 371609.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

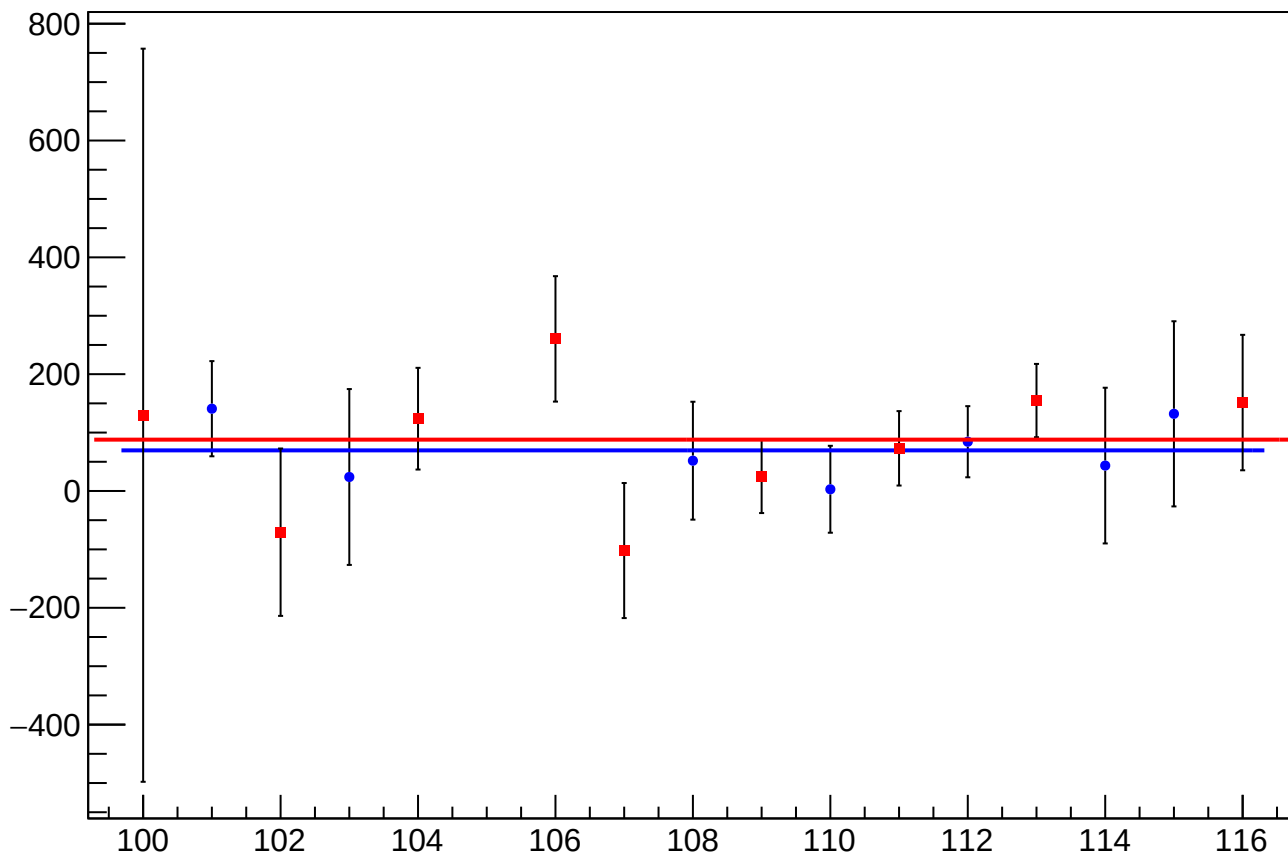
Right: 0.000+/-0.000 χ^2/NDF : 706528.8/15

In: 0.000+/-0.000 χ^2/NDF : 231345.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 706528.8/15

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 69.517+/-34.518 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.900+/-29.204 χ^2/NDF : 9.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

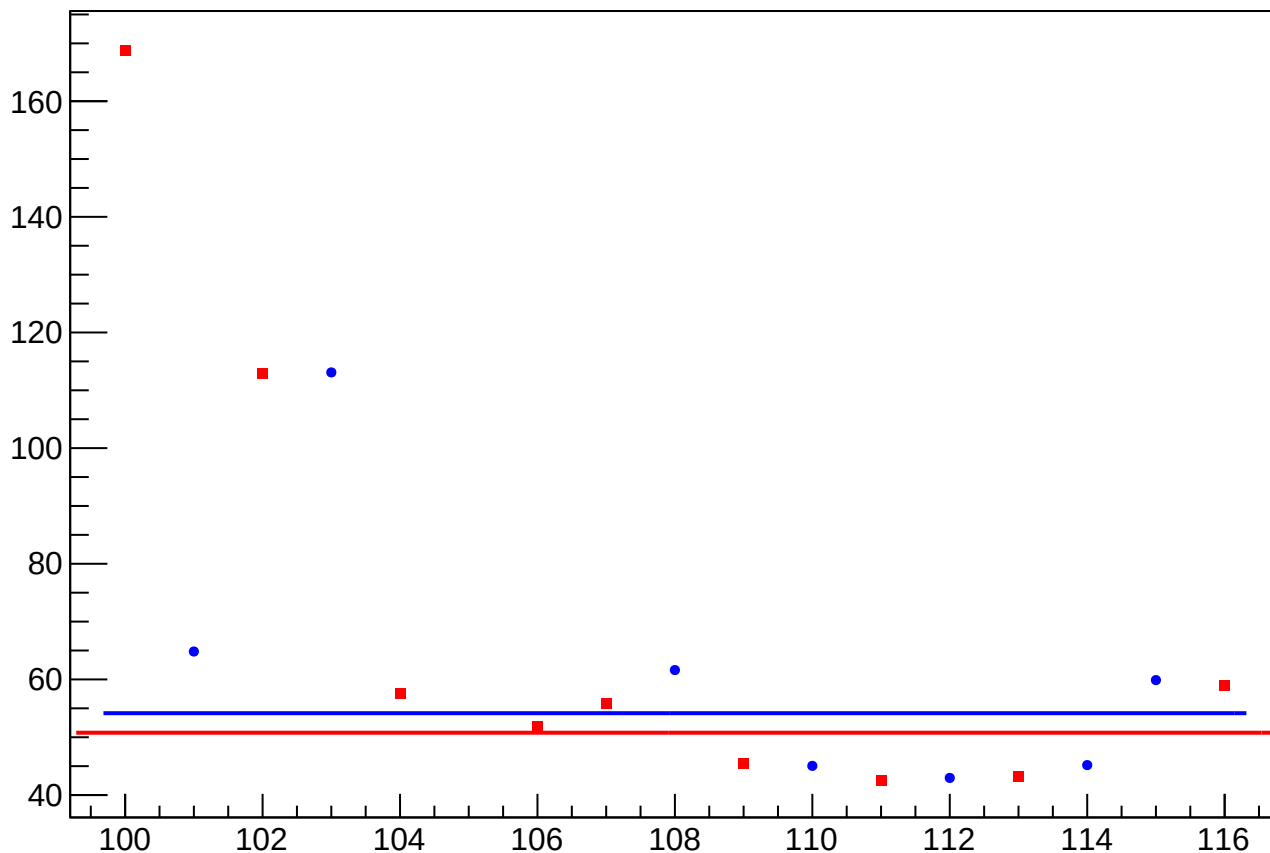
Right: 80.231+/-22.295 χ^2/NDF : 11.3/15

In: 69.517+/-34.518 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.231+/-22.295 χ^2/NDF : 11.3/15

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.158+/-0.024 χ^2/NDF : 460929.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.782+/-0.021 χ^2/NDF : 550694.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

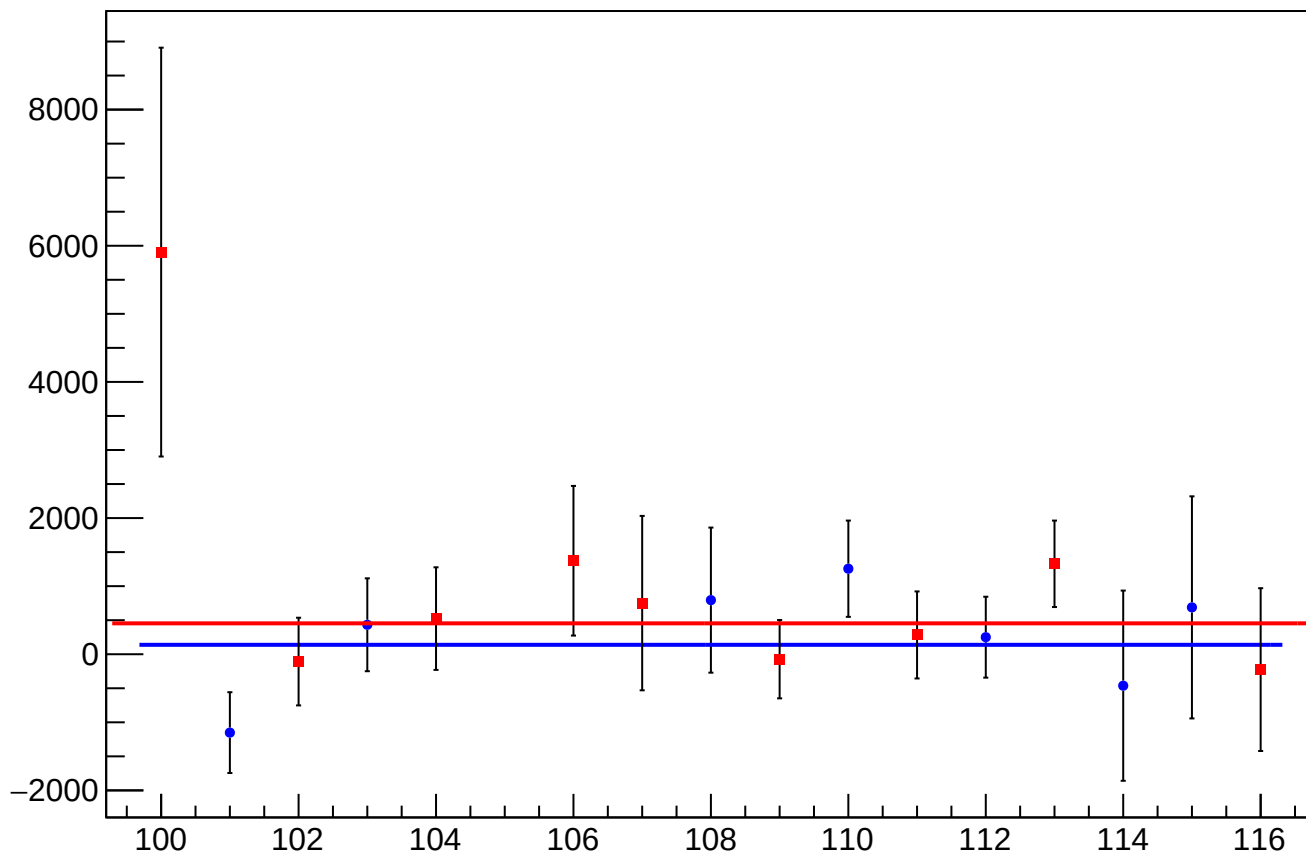
Right: 52.190+/-0.016 χ^2/NDF : 1022768.4/15

In: 54.158+/-0.024 χ^2/NDF : 460929.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.190+/-0.016 χ^2/NDF : 1022768.4/15

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 138.386+/-293.752 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.893+/-263.814 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

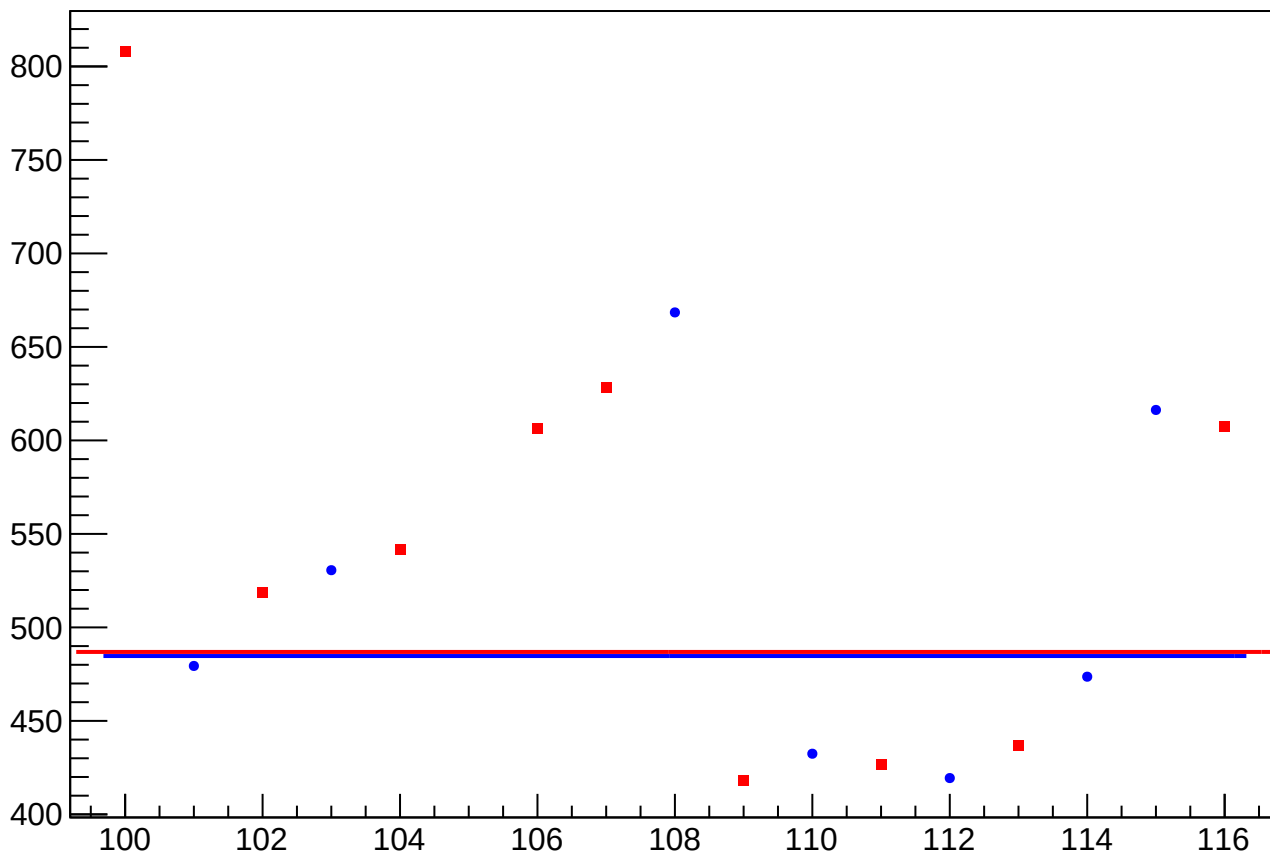
Right: 313.032+/-196.279 χ^2/NDF : 16.7/15

In: 138.386+/-293.752 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.032+/-196.279 χ^2/NDF : 16.7/15

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 484.682+/-0.208 χ^2/NDF : 116884.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.877+/-0.187 χ^2/NDF : 165074.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

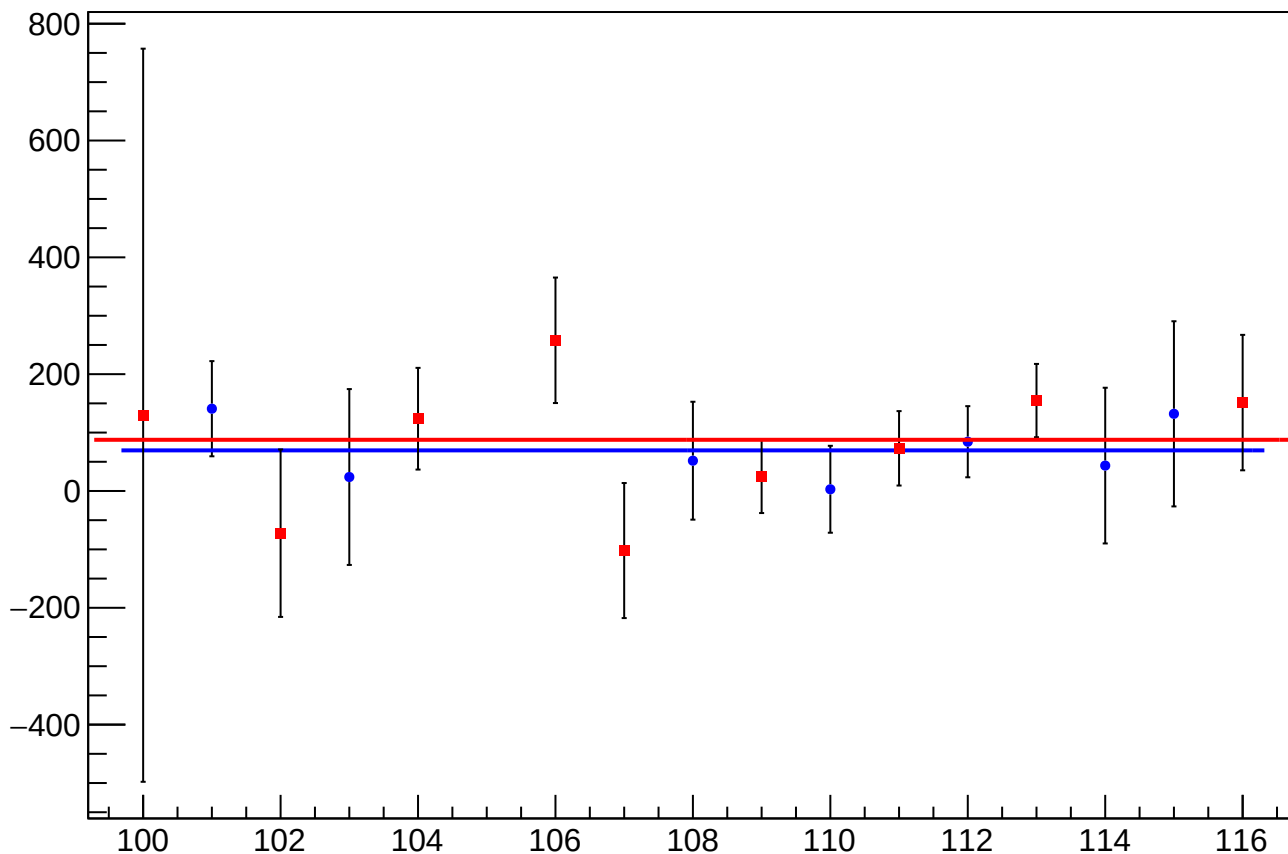
Right: 485.897+/-0.139 χ^2/NDF : 282021.1/15

In: 484.682+/-0.208 χ^2/NDF : 116884.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.897+/-0.139 χ^2/NDF : 282021.1/15

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 69.511+/-34.518 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.641+/-29.206 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

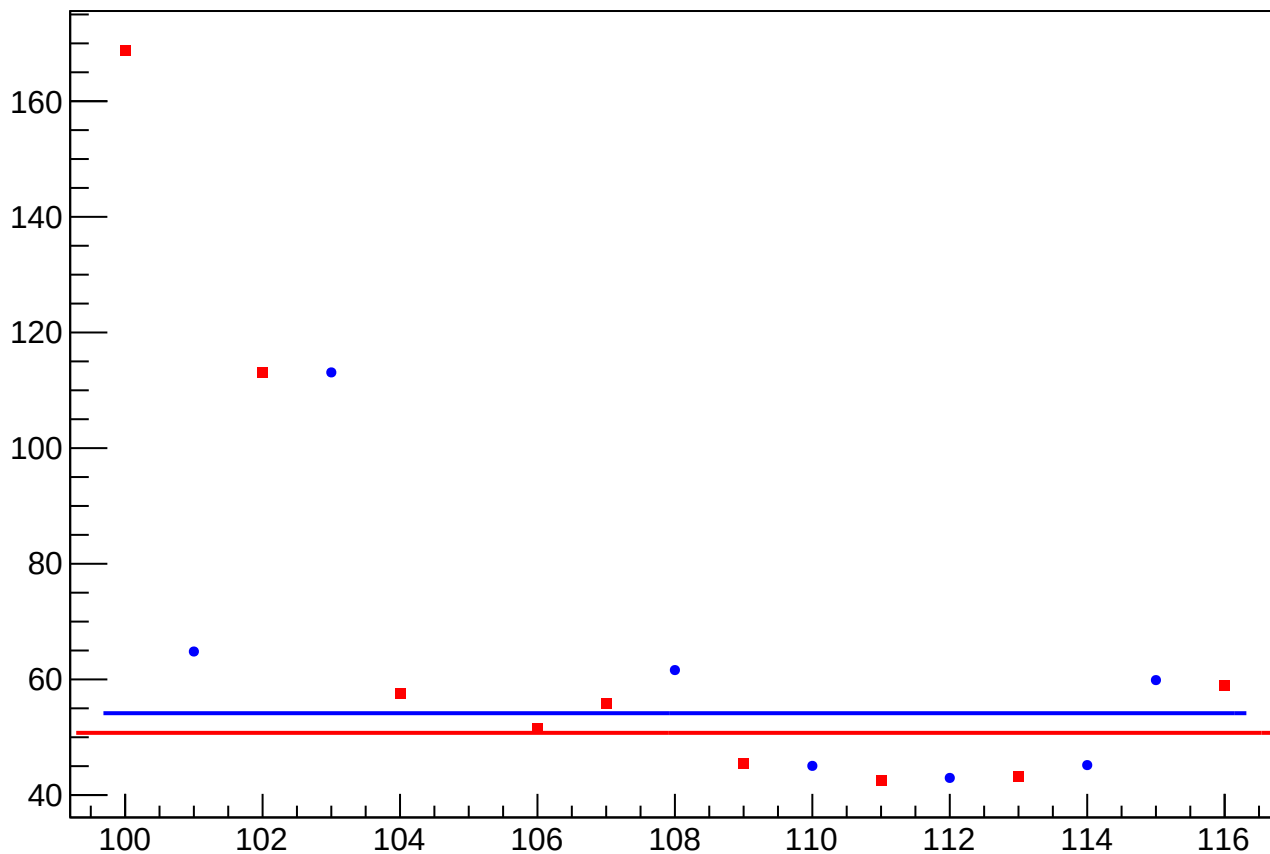
Right: 80.077+/-22.296 χ^2/NDF : 11.2/15

In: 69.511+/-34.518 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.077+/-22.296 χ^2/NDF : 11.2/15

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.158+/-0.024 χ^2/NDF : 460931.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 50.759+/-0.021 χ^2/NDF : 550831.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

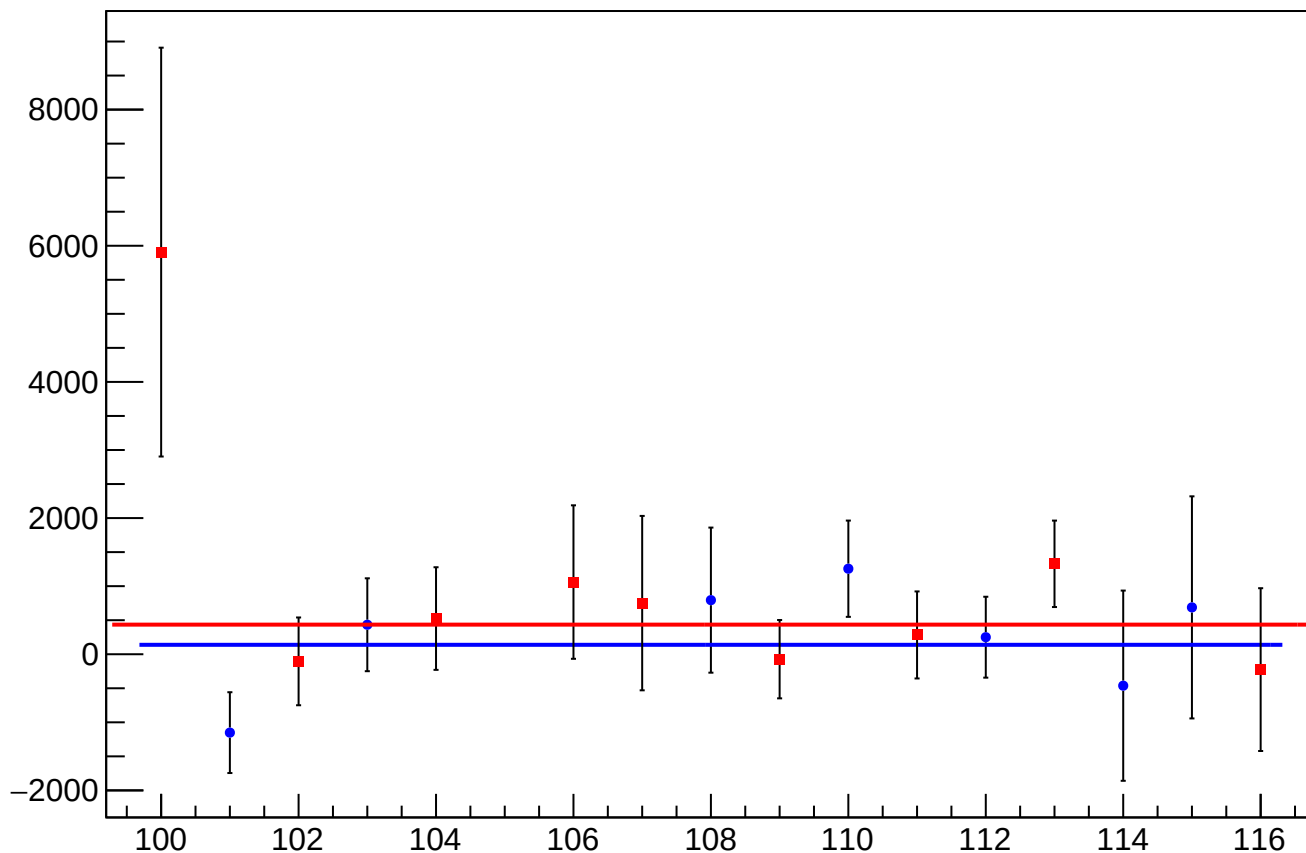
Right: 52.177+/-0.016 χ^2/NDF : 1023058.7/15

In: 54.158+/-0.024 χ^2/NDF :460931.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.177+/-0.016 χ^2/NDF : 1023058.7/15

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.442+/-293.758 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.846+/-264.233 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

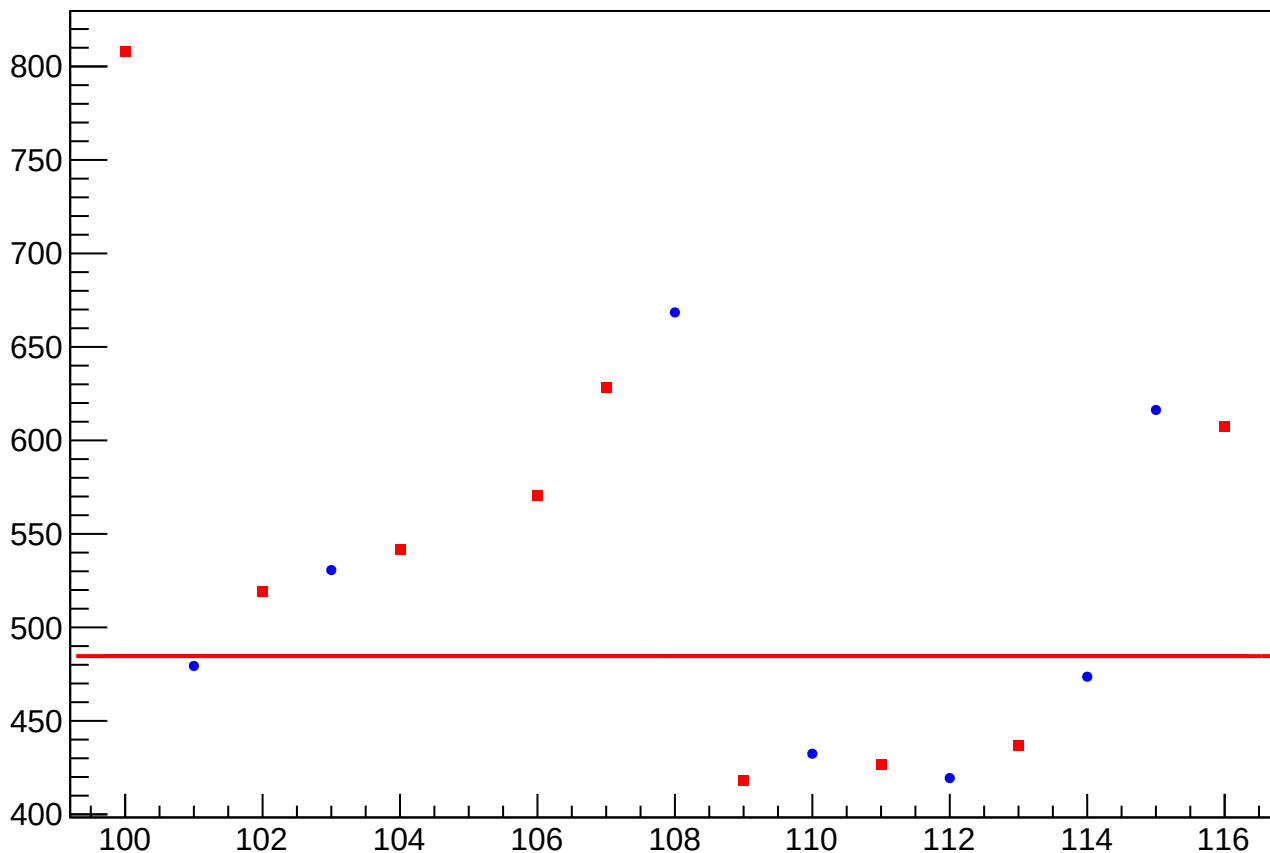
Right: 302.284+/-196.453 χ^2/NDF : 16.2/15

In: 138.442+/-293.758 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.284+/-196.453 χ^2/NDF : 16.2/15

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 484.691+/-0.208 χ^2/NDF : 116904.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.660+/-0.187 χ^2/NDF : 152577.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

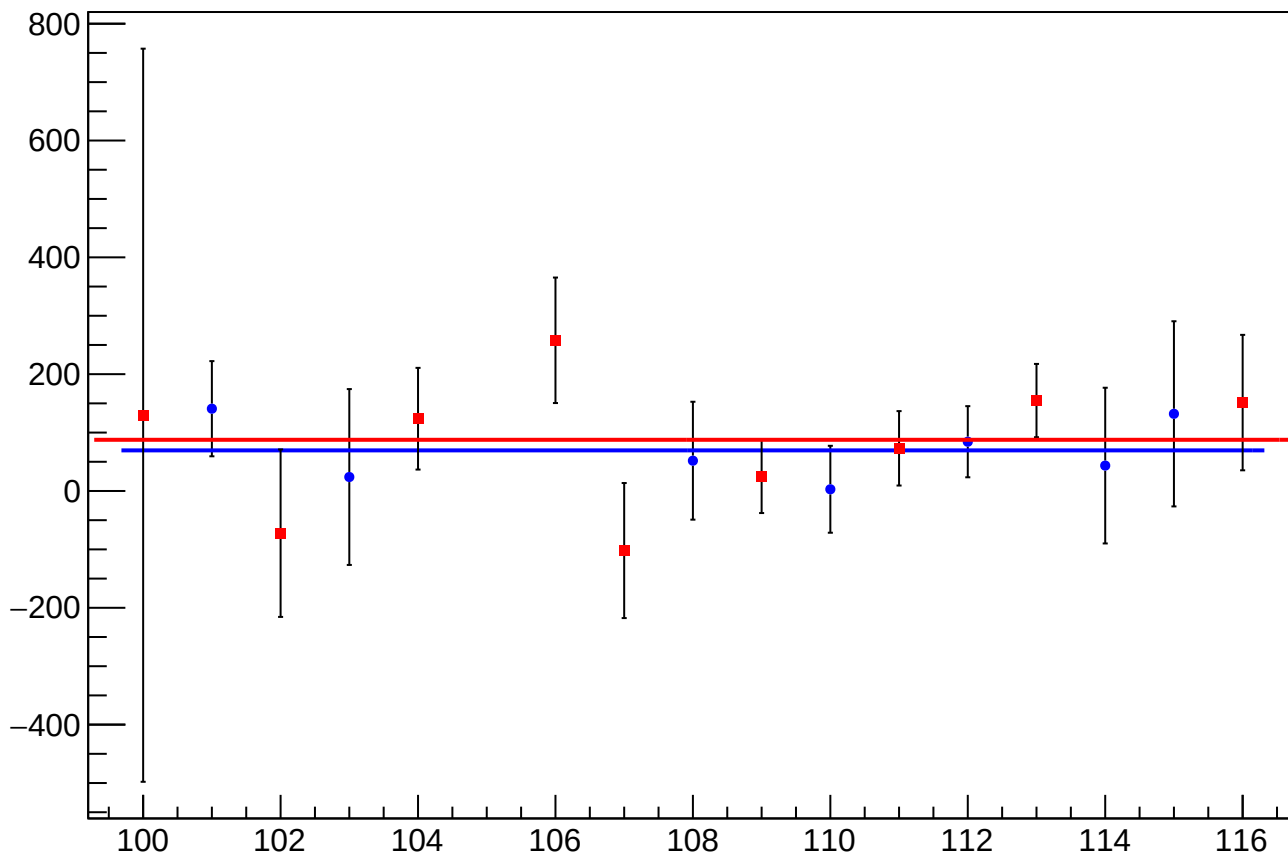
Right: 484.674+/-0.139 χ^2/NDF : 269482.7/15

In: 484.691+/-0.208 χ^2/NDF : 116904.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.674+/-0.139 χ^2/NDF : 269482.7/15

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 69.511+/-34.518 χ^2/NDF : 1.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.641+/-29.206 χ^2/NDF : 9.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

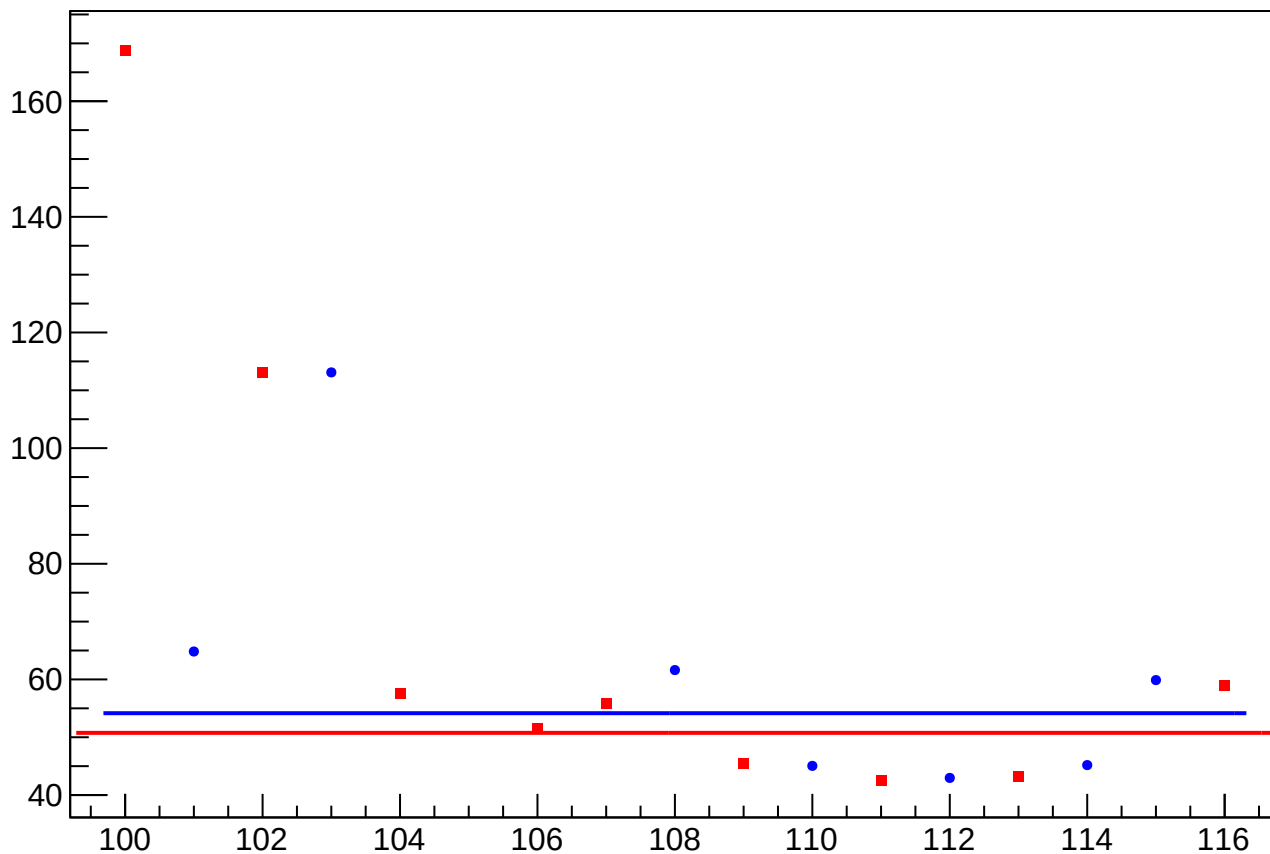
Right: 80.077+/-22.296 χ^2/NDF : 11.2/15

In: 69.511+/-34.518 χ^2/NDF : 1.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.077+/-22.296 χ^2/NDF : 11.2/15

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.158 $\pm$ 0.024 χ^2 /NDF: 460931.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.759 $\pm$ 0.021 χ^2 /NDF: 550831.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

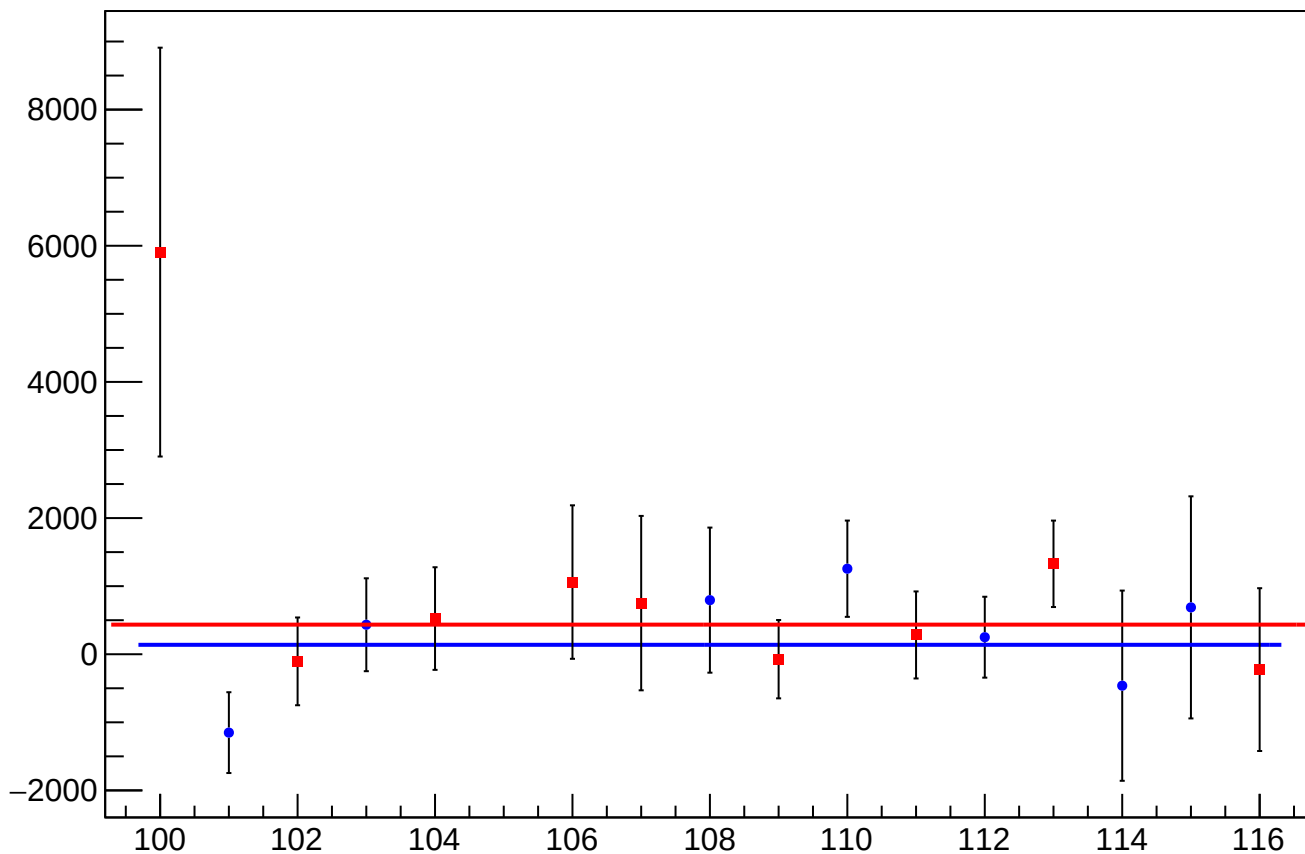
Right: 52.177 $\pm$ 0.016 χ^2 /NDF: 1023058.7/15

In: 54.158 $\pm$ 0.024 χ^2 /NDF:460931.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.177 $\pm$ 0.016 χ^2 /NDF: 1023058.7/15

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.442+/-293.758 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.846+/-264.233 χ^2/NDF : 7.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

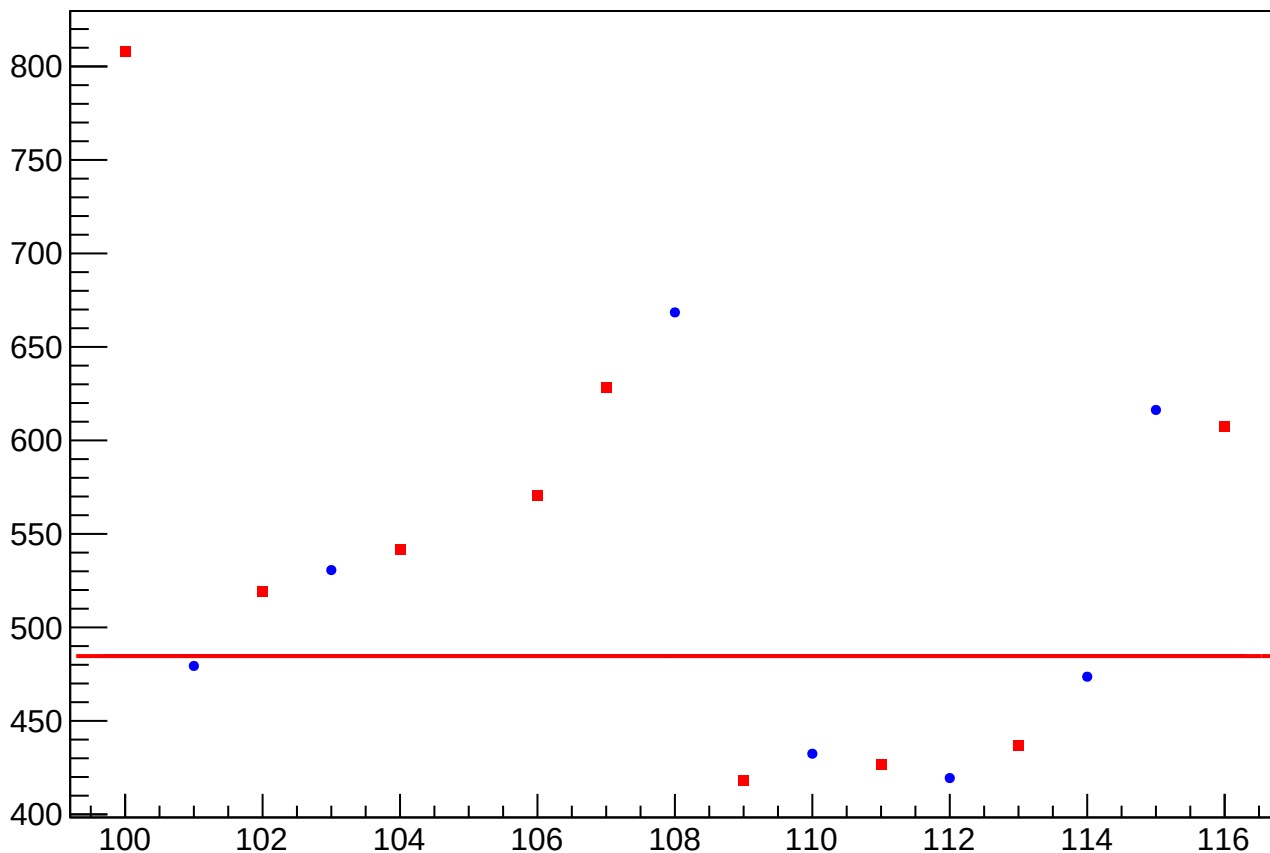
Right: 302.284+/-196.453 χ^2/NDF : 16.2/15

In: 138.442+/-293.758 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.284+/-196.453 χ^2/NDF : 16.2/15

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 484.691+/-0.208 χ^2/NDF : 116904.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.660+/-0.187 χ^2/NDF : 152577.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

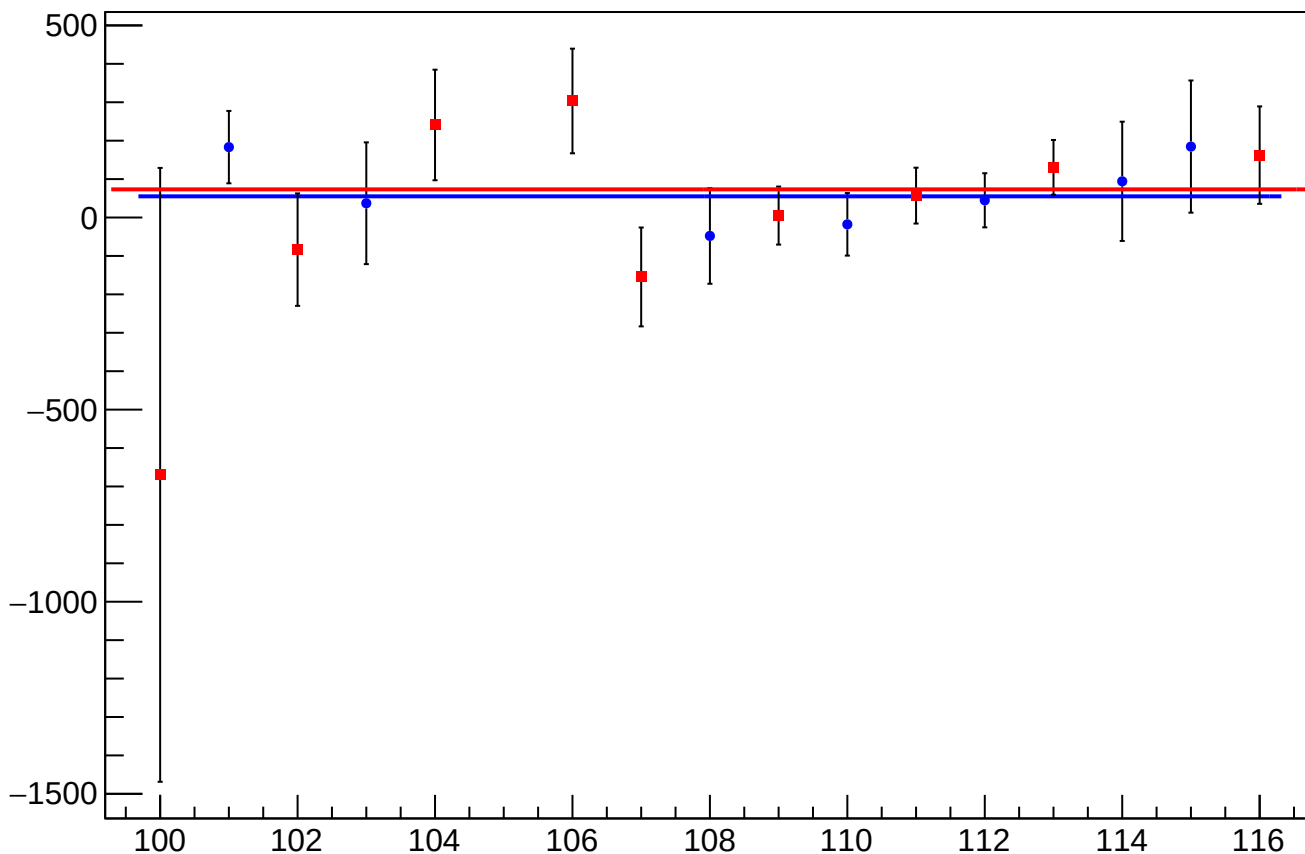
Right: 484.674+/-0.139 χ^2/NDF : 269482.7/15

In: 484.691+/-0.208 χ^2/NDF : 116904.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.674+/-0.139 χ^2/NDF : 269482.7/15

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 55.141+/-39.380 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.284+/-34.613 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

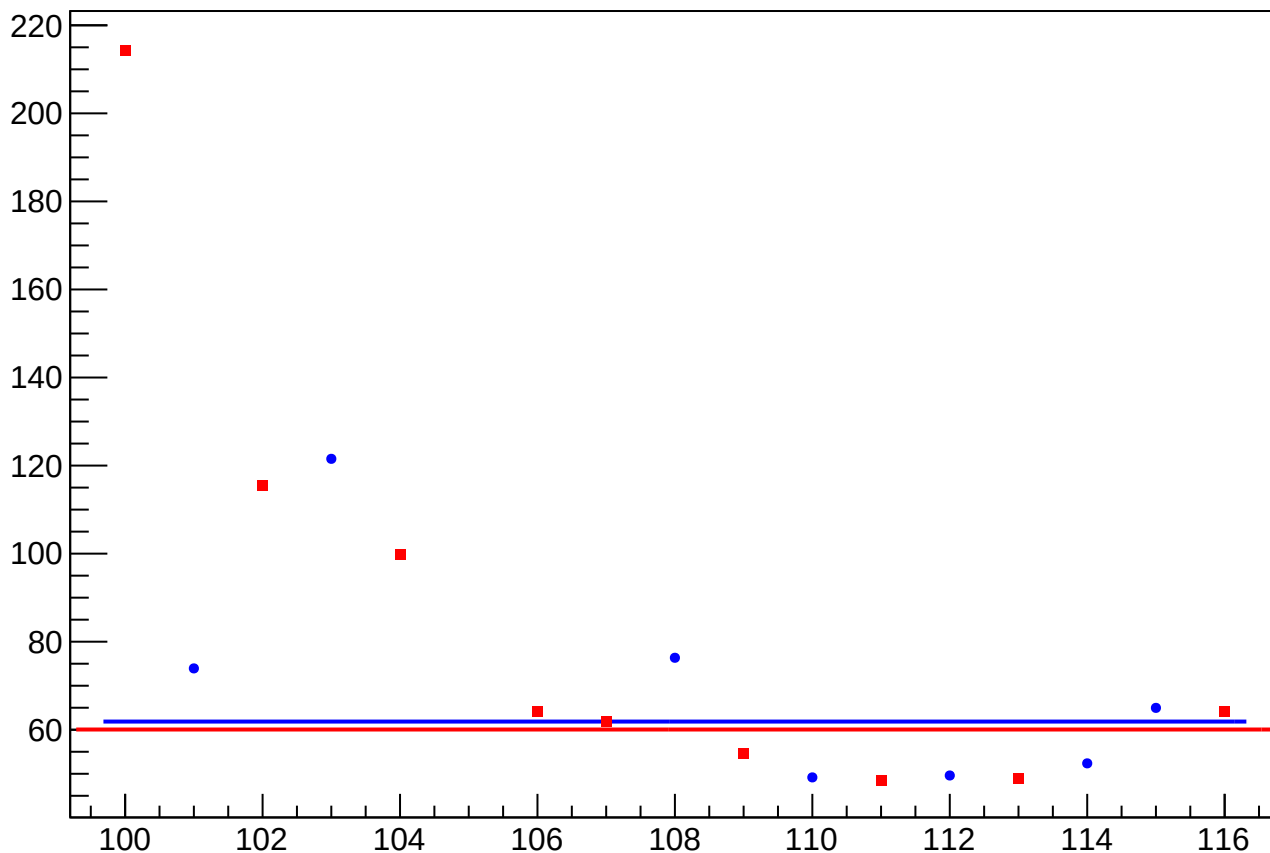
Right: 65.376+/-25.998 χ^2/NDF : 15.5/15

In: 55.141+/-39.380 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.376+/-25.998 χ^2/NDF : 15.5/15

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.859+/-0.028 χ^2/NDF : 460769.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.054+/-0.024 χ^2/NDF : 629370.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

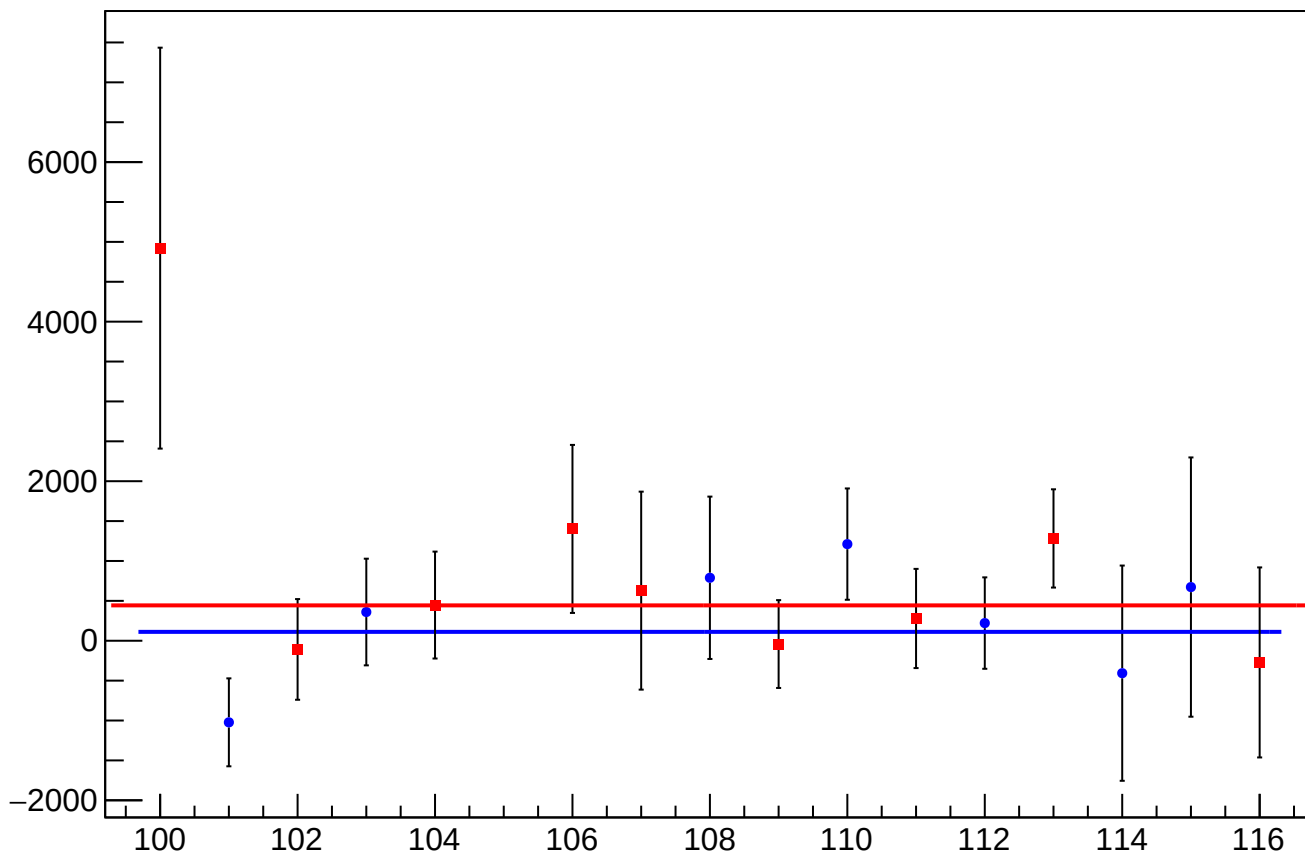
Right: 60.841+/-0.018 χ^2/NDF : 1092511.0/15

In: 61.859+/-0.028 χ^2/NDF : 460769.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.841+/-0.018 χ^2/NDF : 1092511.0/15

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 111.410+/-282.601 χ^2/NDF : 7.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.329+/-252.573 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

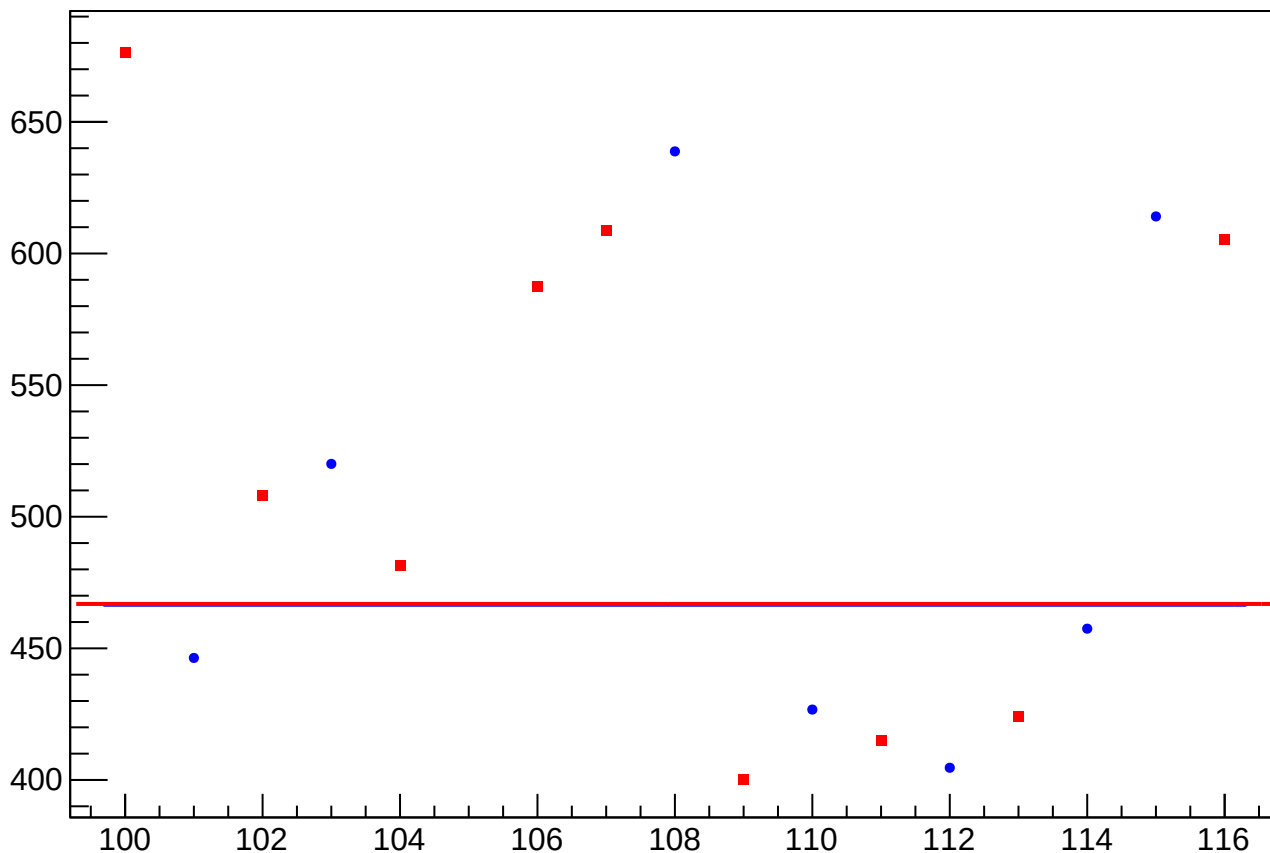
Right: 295.935+/-188.321 χ^2/NDF : 16.2/15

In: 111.410+/-282.601 χ^2/NDF : 7.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.935+/-188.321 χ^2/NDF : 16.2/15

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 466.570+/-0.200 χ^2/NDF : 119222.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.871+/-0.179 χ^2/NDF : 155840.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

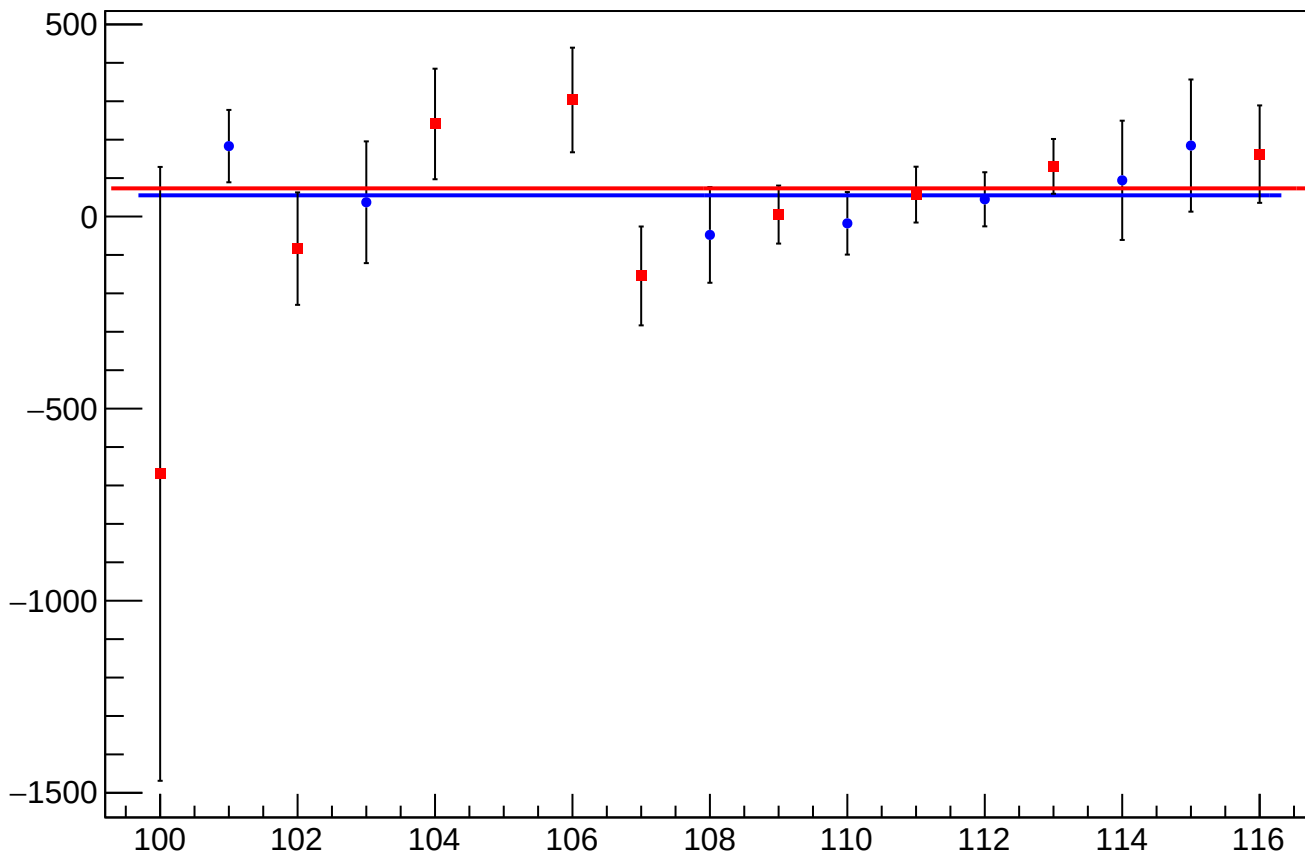
Right: 466.737+/-0.133 χ^2/NDF : 275064.7/15

In: 466.570+/-0.200 χ^2/NDF : 119222.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.737+/-0.133 χ^2/NDF : 275064.7/15

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 55.140+/-39.380 χ^2/NDF : 4.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.283+/-34.614 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

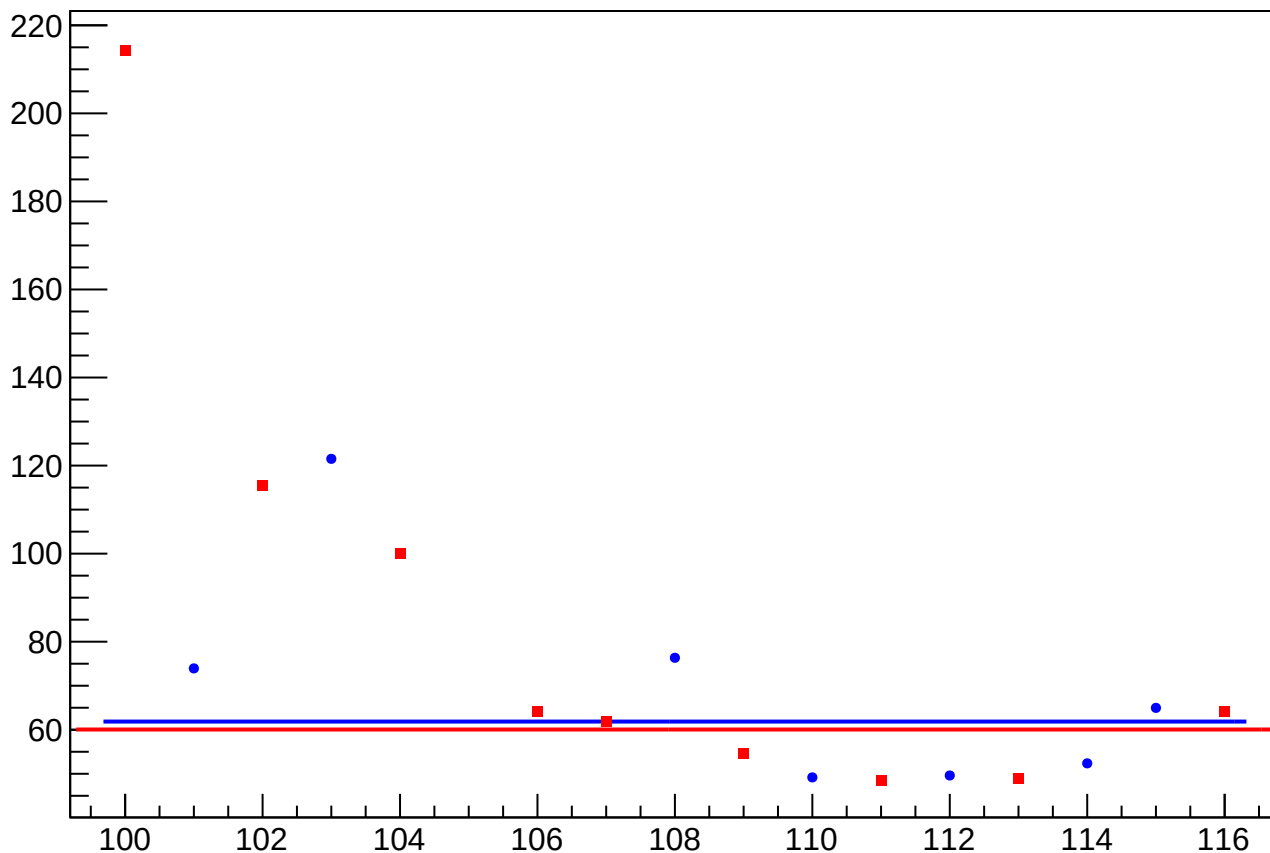
Right: 65.376+/-25.998 χ^2/NDF : 15.5/15

In: 55.140+/-39.380 χ^2/NDF : 4.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.376+/-25.998 χ^2/NDF : 15.5/15

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.860 $\pm$ 0.028 χ^2 /NDF: 460770.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.055 $\pm$ 0.024 χ^2 /NDF: 629372.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

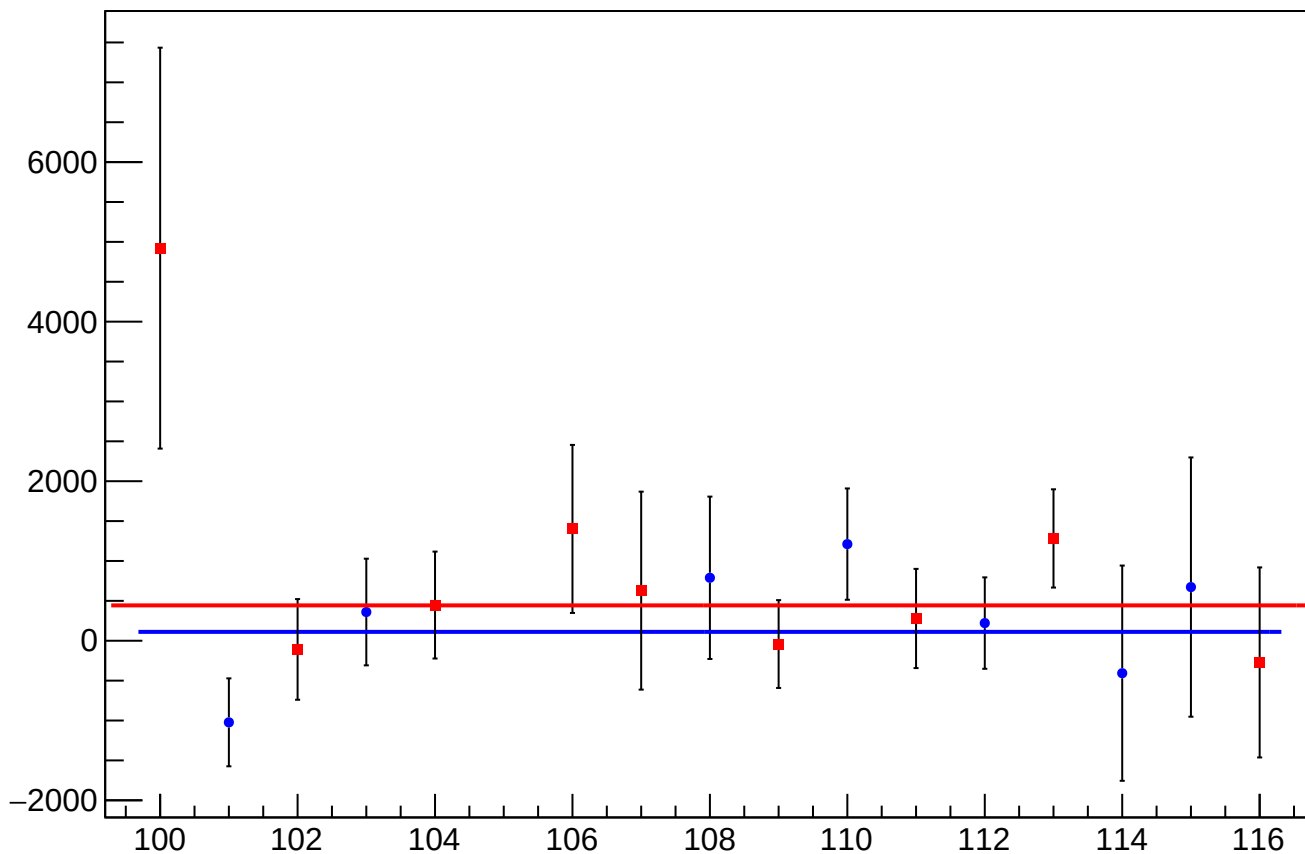
Right: 60.841 $\pm$ 0.018 χ^2 /NDF: 1092512.6/15

In: 61.860 $\pm$ 0.028 χ^2 /NDF:460770.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.841 $\pm$ 0.018 χ^2 /NDF: 1092512.6/15

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 111.410 $\pm$ 282.601 χ^2 /NDF: 7.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 443.328 $\pm$ 252.572 χ^2 /NDF: 7.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

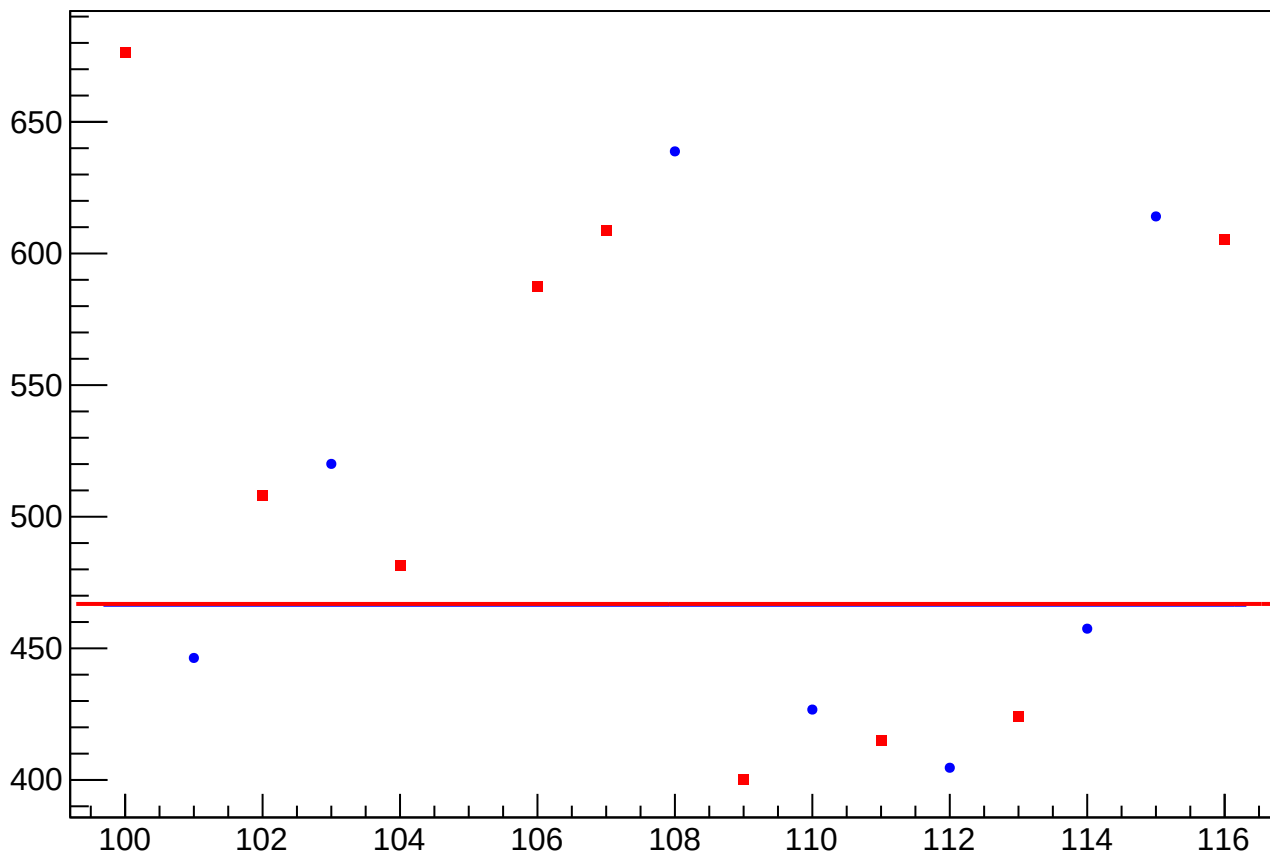
Right: 295.934 $\pm$ 188.320 χ^2 /NDF: 16.2/15

In: 111.410 $\pm$ 282.601 χ^2 /NDF:7.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 295.934 $\pm$ 188.320 χ^2 /NDF: 16.2/15

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 466.568+/-0.200 χ^2/NDF : 119223.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.870+/-0.179 χ^2/NDF : 155841.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

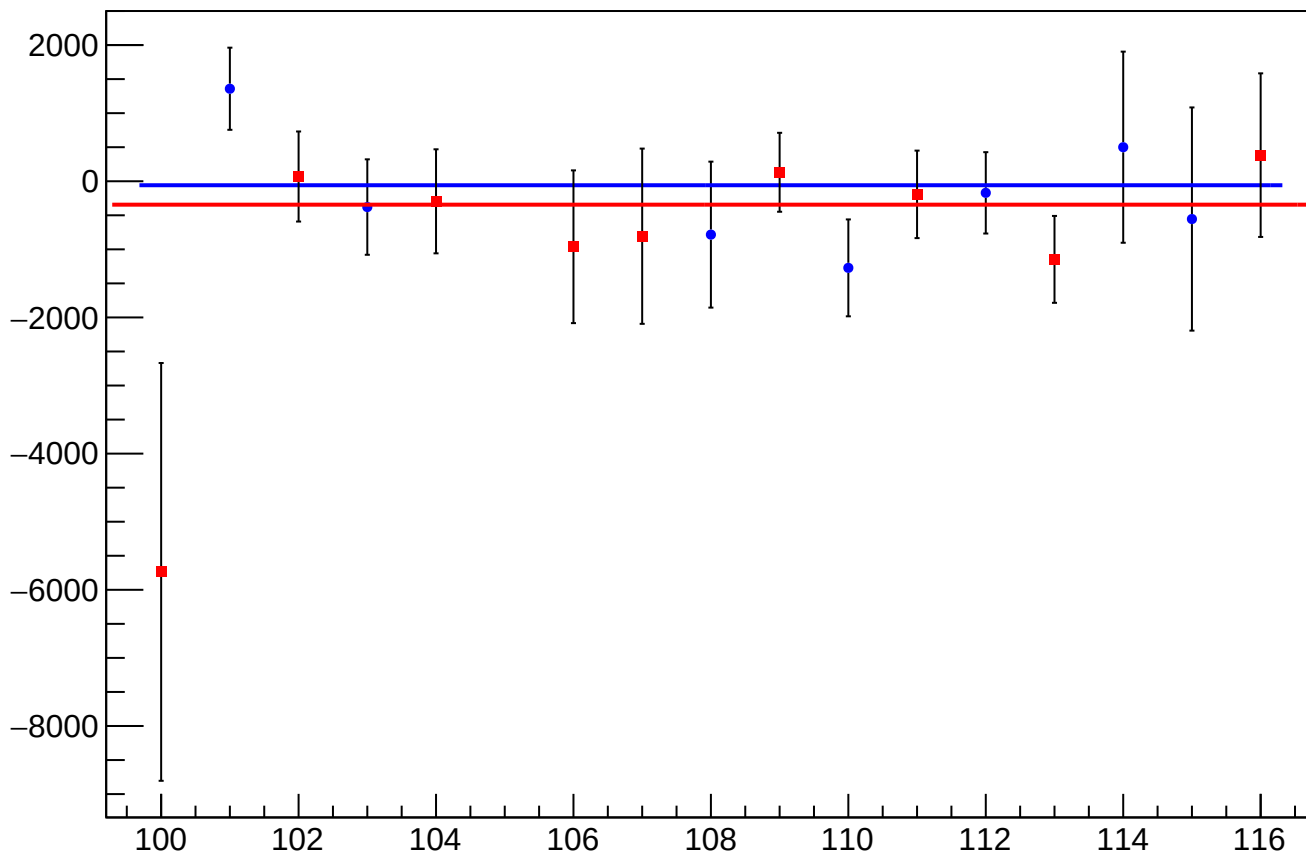
Right: 466.736+/-0.133 χ^2/NDF : 275065.7/15

In: 466.568+/-0.200 χ^2/NDF : 119223.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.736+/-0.133 χ^2/NDF : 275065.7/15

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -58.496 $\pm$ 297.331 χ^2 /NDF: 9.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -343.982 $\pm$ 266.767 χ^2 /NDF: 6.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

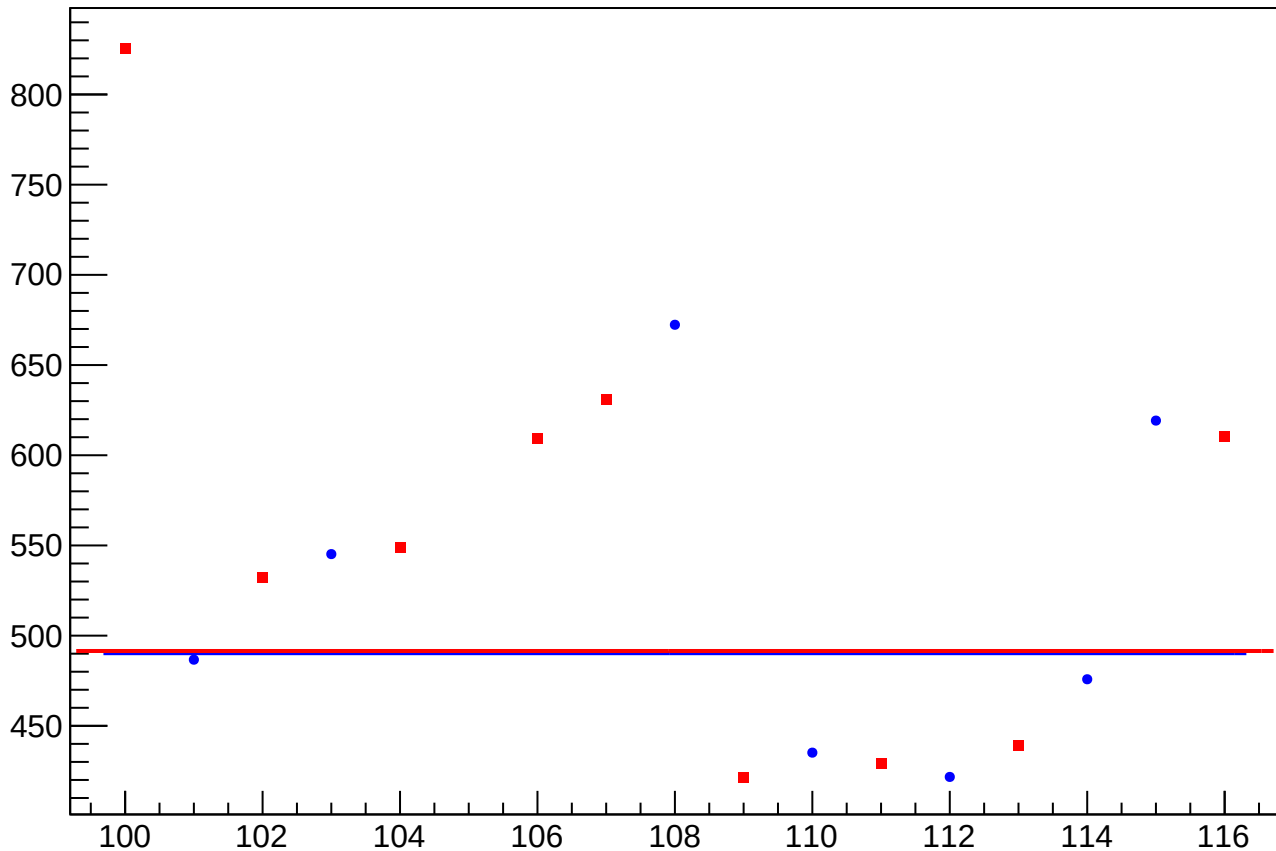
Right: -216.662 $\pm$ 198.562 χ^2 /NDF: 16.5/15

In: -58.496 $\pm$ 297.331 χ^2 /NDF:9.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -216.662 $\pm$ 198.562 χ^2 /NDF: 16.5/15

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 490.273+/-0.210 χ^2/NDF : 121020.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.492+/-0.189 χ^2/NDF : 169399.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

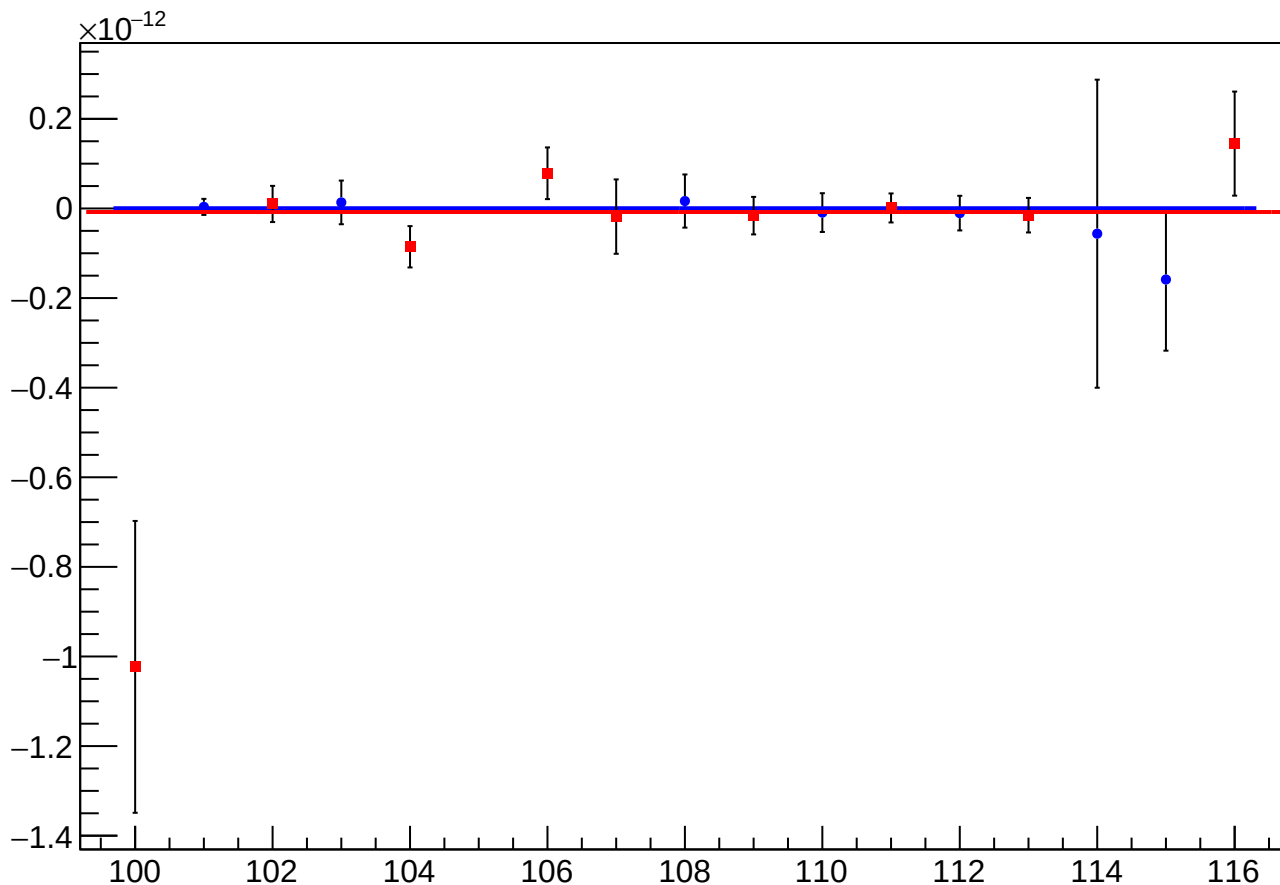
Right: 490.949+/-0.140 χ^2/NDF : 290438.4/15

In: 490.273+/-0.210 χ^2/NDF : 121020.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.949+/-0.140 χ^2/NDF : 290438.4/15

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

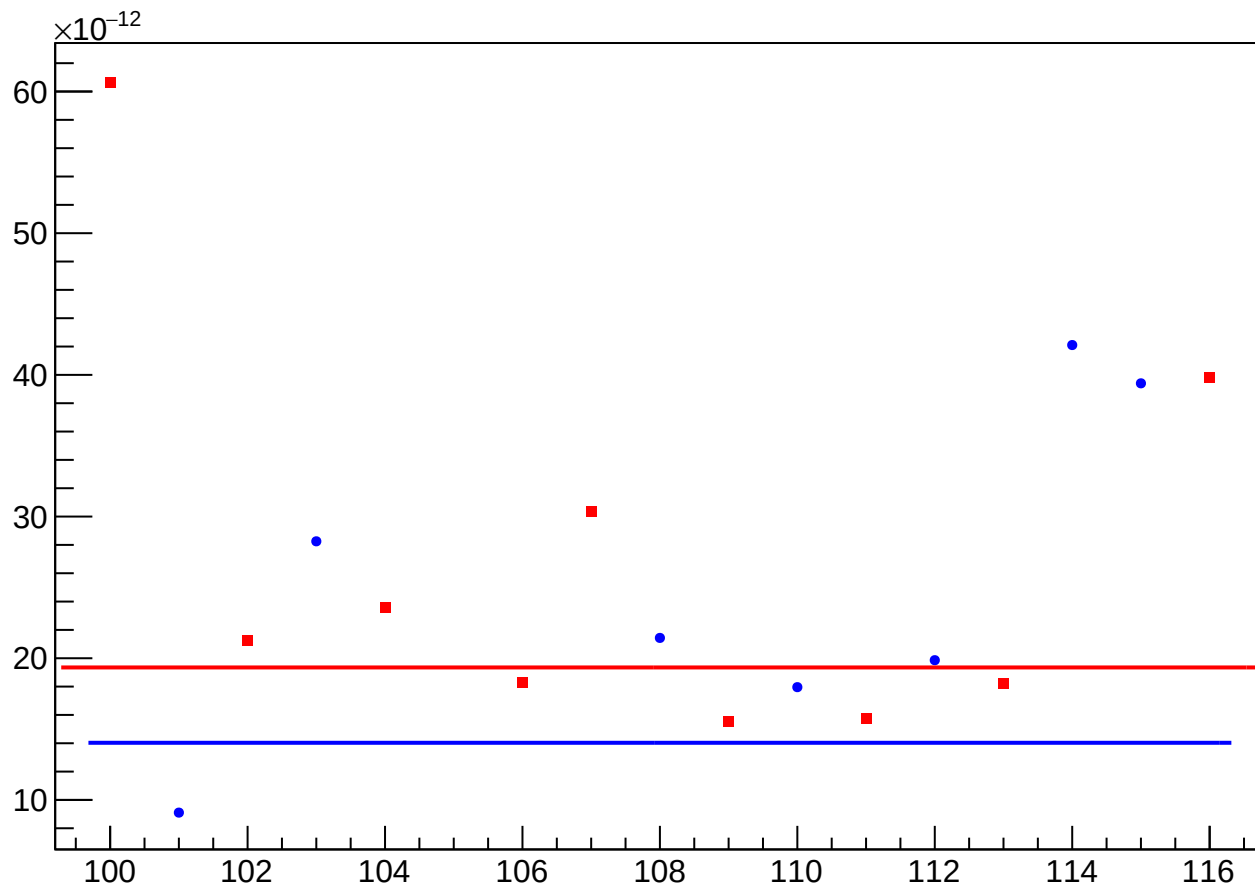
Right: -0.000+/-0.000 χ^2/NDF : 18.4/15

In: 0.000+/-0.000 χ^2/NDF : 1.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.4/15

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 478947.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 194499.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

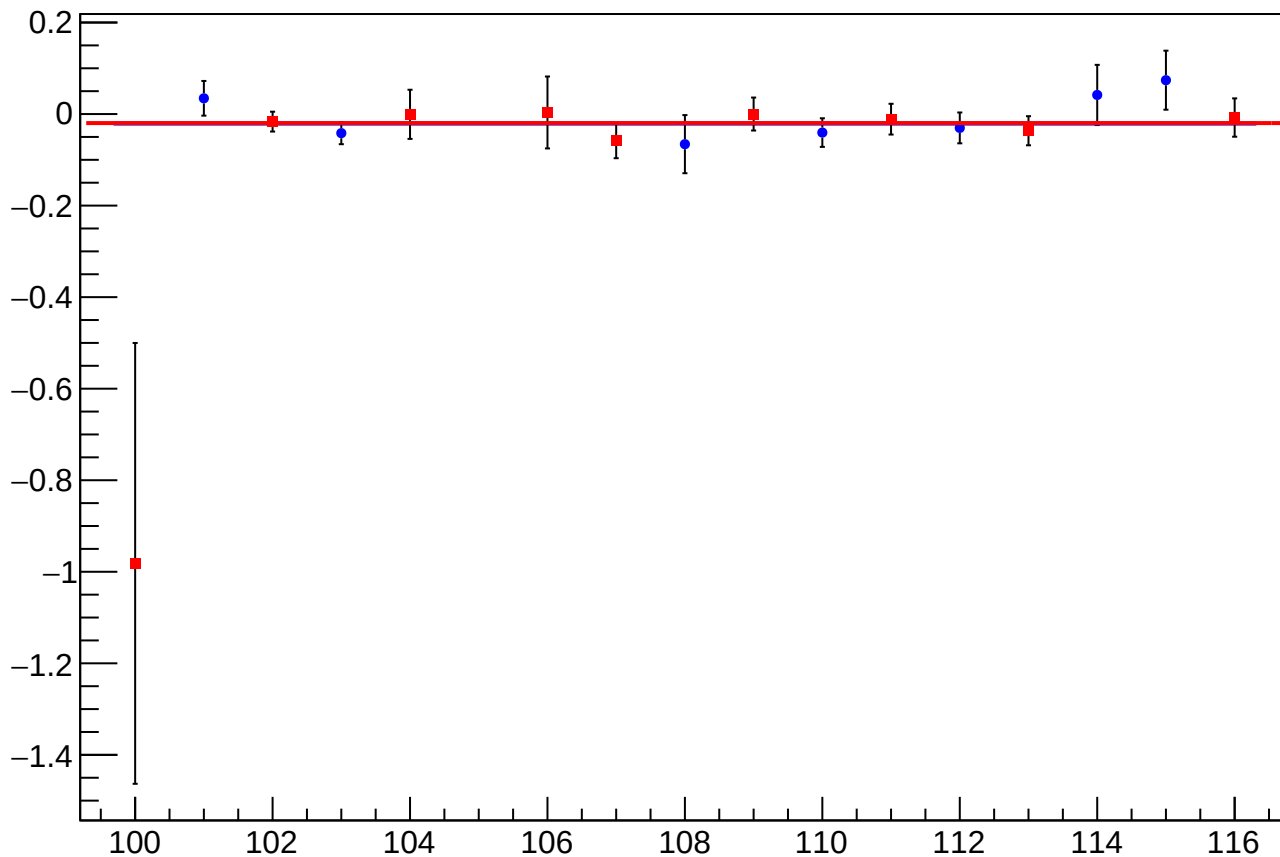
Right: 0.000+/-0.000 χ^2/NDF : 796377.3/15

In: 0.000+/-0.000 χ^2/NDF : 478947.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 796377.3/15

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.014 χ^2 /NDF: 6.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 6.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

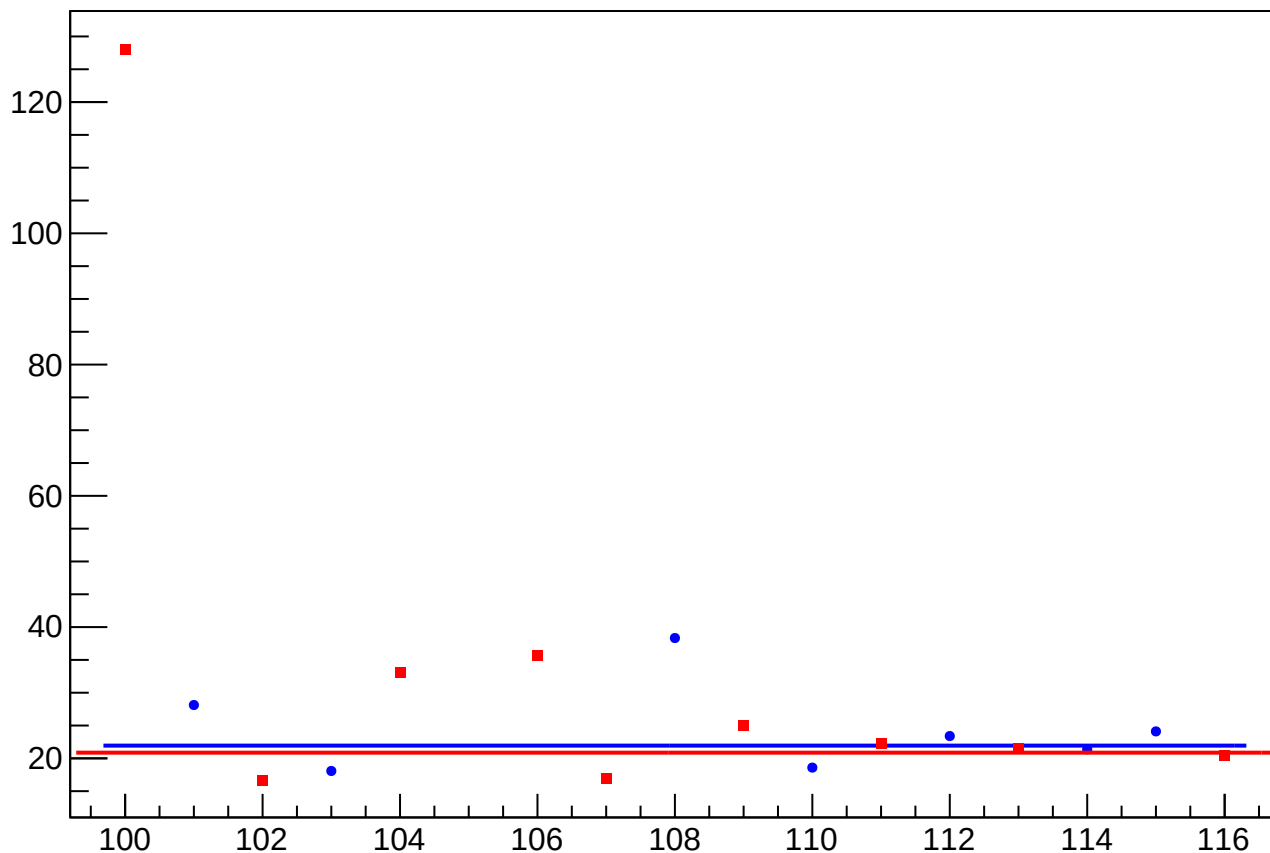
Right: -0.020 $\pm$ 0.009 χ^2 /NDF: 12.9/15

In: -0.021 $\pm$ 0.014 χ^2 /NDF:6.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.009 χ^2 /NDF: 12.9/15

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.940 $\pm$ 0.010 χ^2 /NDF: 266766.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.869 $\pm$ 0.009 χ^2 /NDF: 403717.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

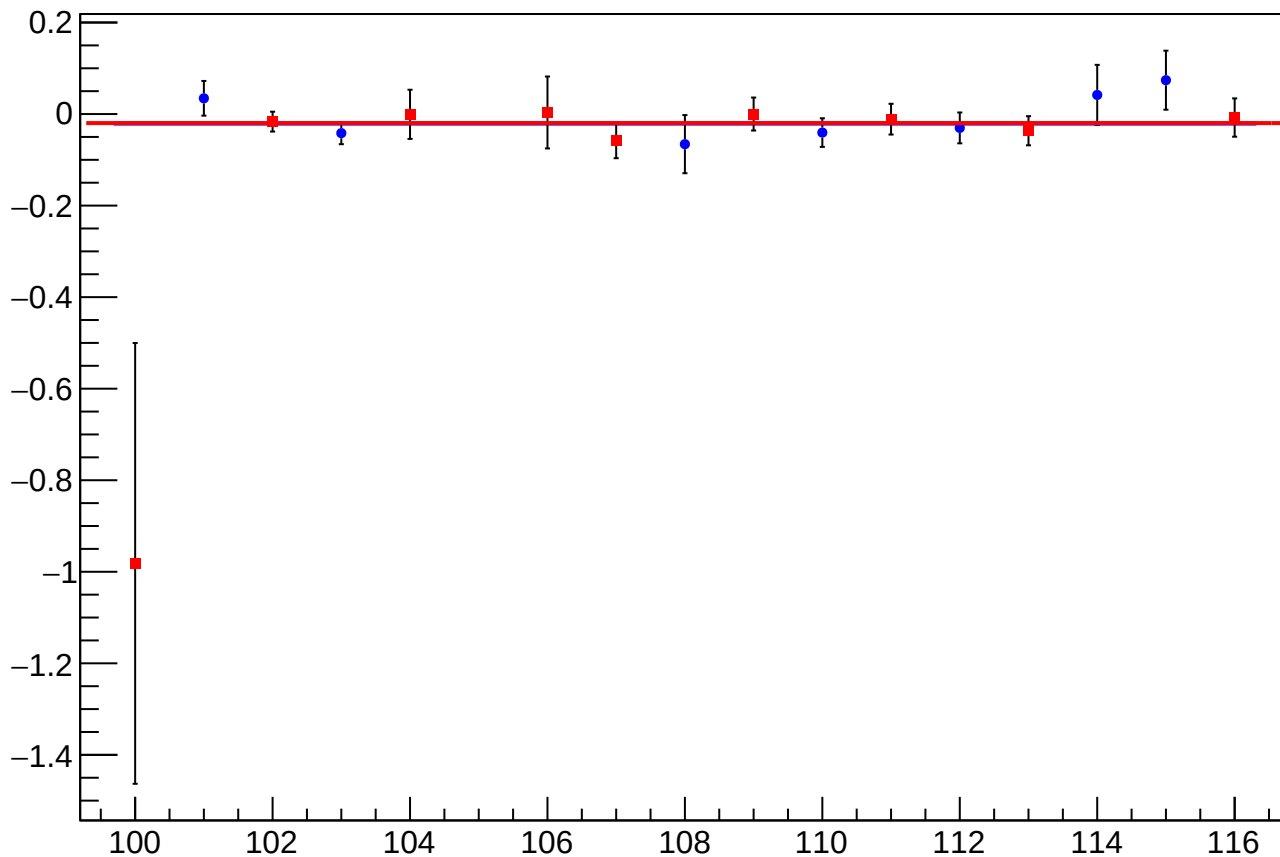
Right: 21.335 $\pm$ 0.007 χ^2 /NDF: 677007.3/15

In: 21.940 $\pm$ 0.010 χ^2 /NDF: 266766.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.335 $\pm$ 0.007 χ^2 /NDF: 677007.3/15

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.014 χ^2 /NDF: 6.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 6.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

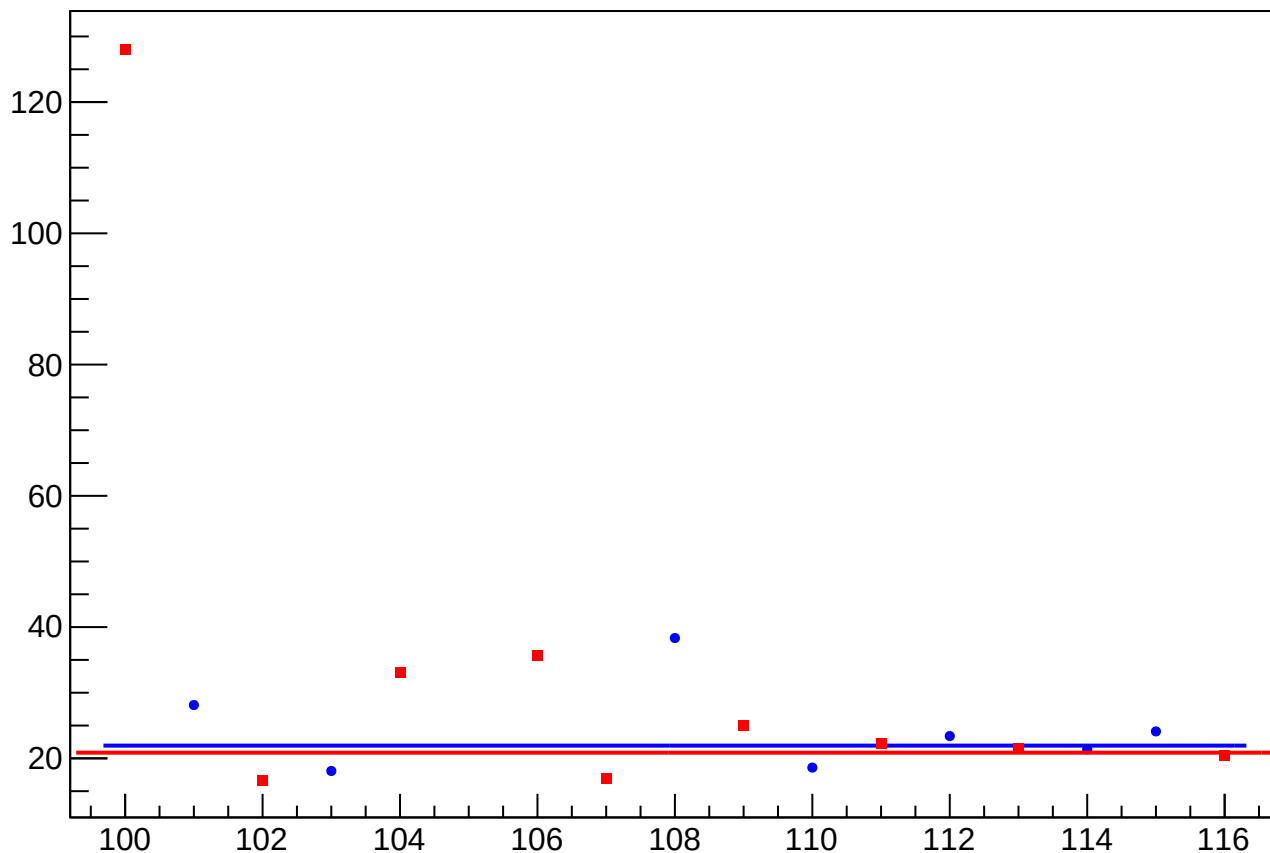
Right: -0.020 $\pm$ 0.009 χ^2 /NDF: 12.9/15

In: -0.021 $\pm$ 0.014 χ^2 /NDF:6.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.009 χ^2 /NDF: 12.9/15

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.940 $\pm$ 0.010 χ^2 /NDF: 266766.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.869 $\pm$ 0.009 χ^2 /NDF: 403717.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

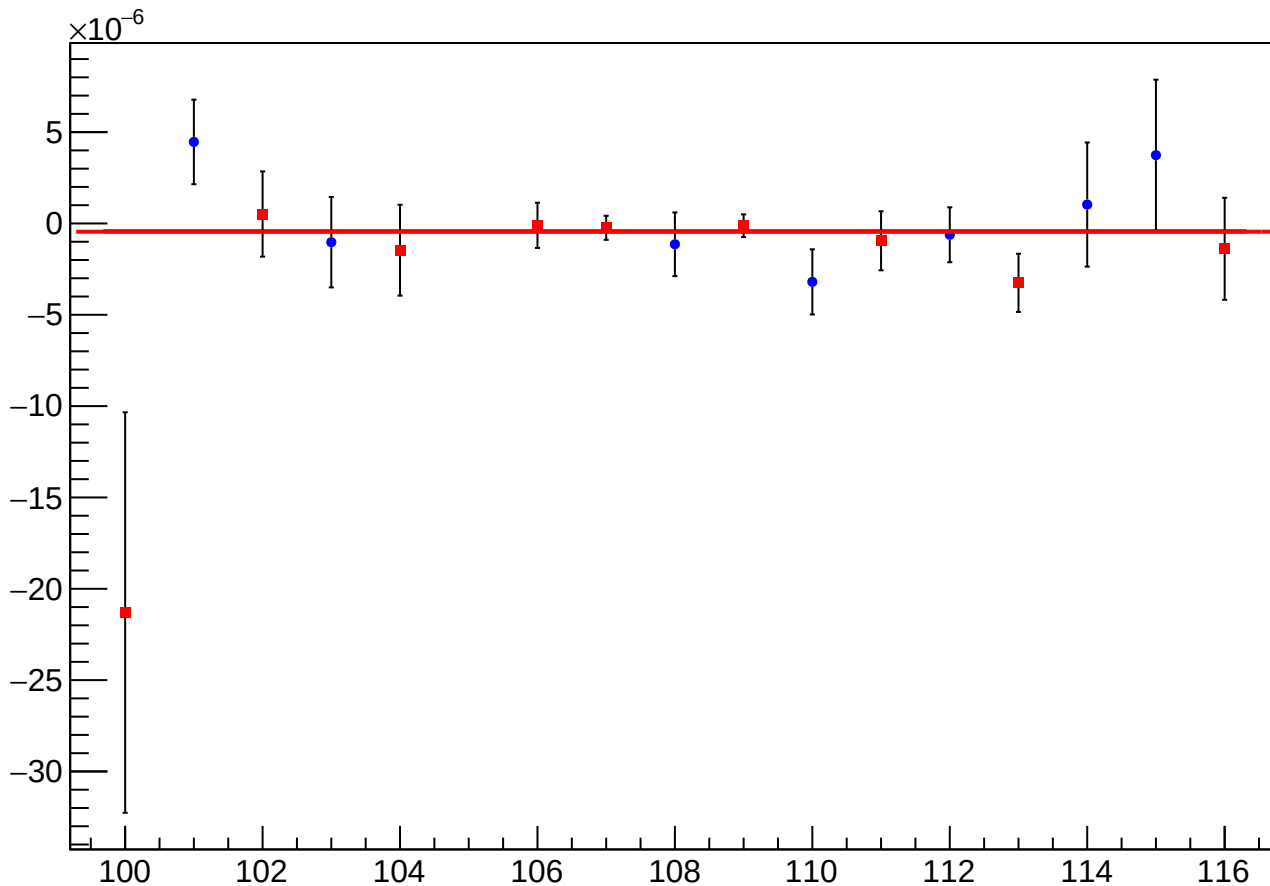
Right: 21.335 $\pm$ 0.007 χ^2 /NDF: 677007.3/15

In: 21.940 $\pm$ 0.010 χ^2 /NDF: 266766.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.335 $\pm$ 0.007 χ^2 /NDF: 677007.3/15

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

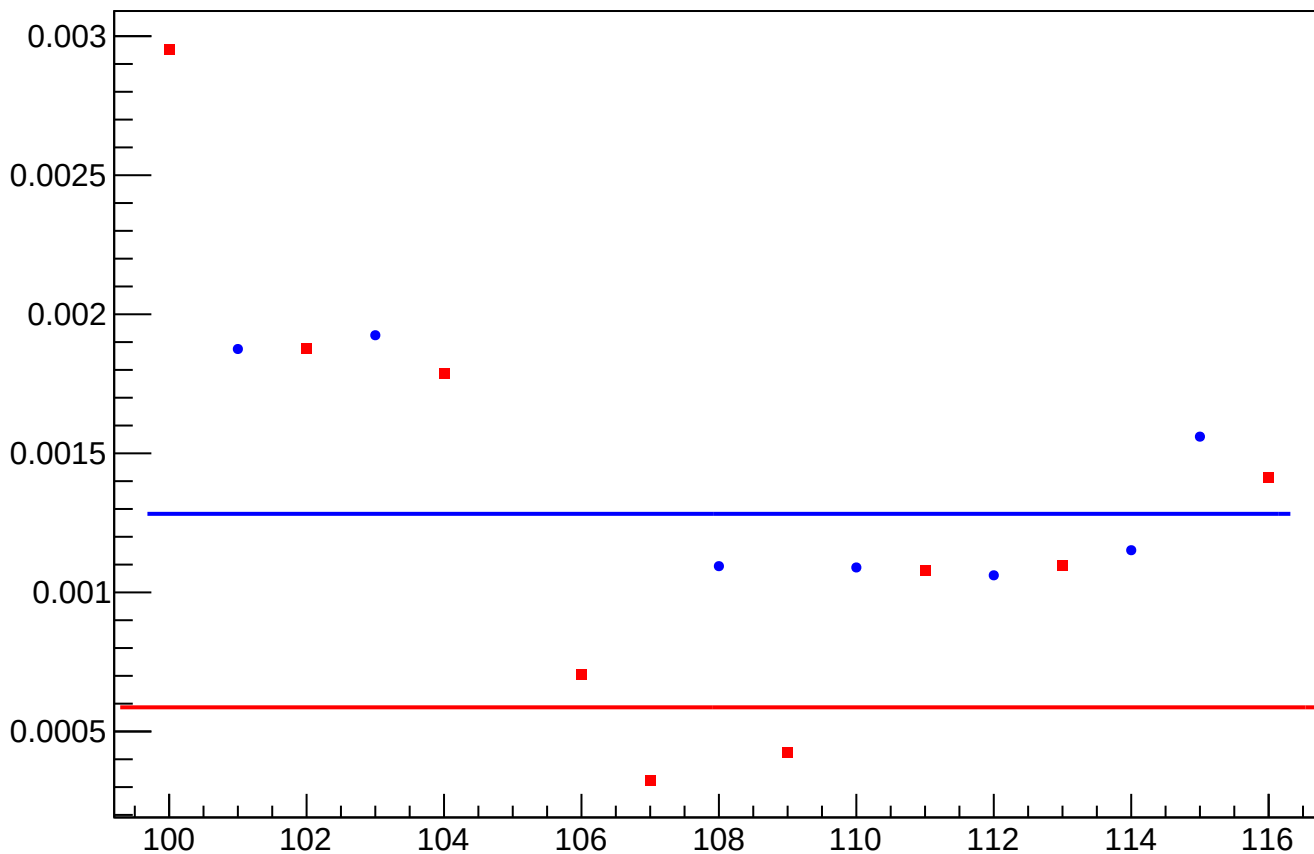
Right: -0.000+/-0.000 χ^2 /NDF: 16.0/15

In: -0.000+/-0.000 χ^2 /NDF:8.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.0/15

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 367676.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2210593.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

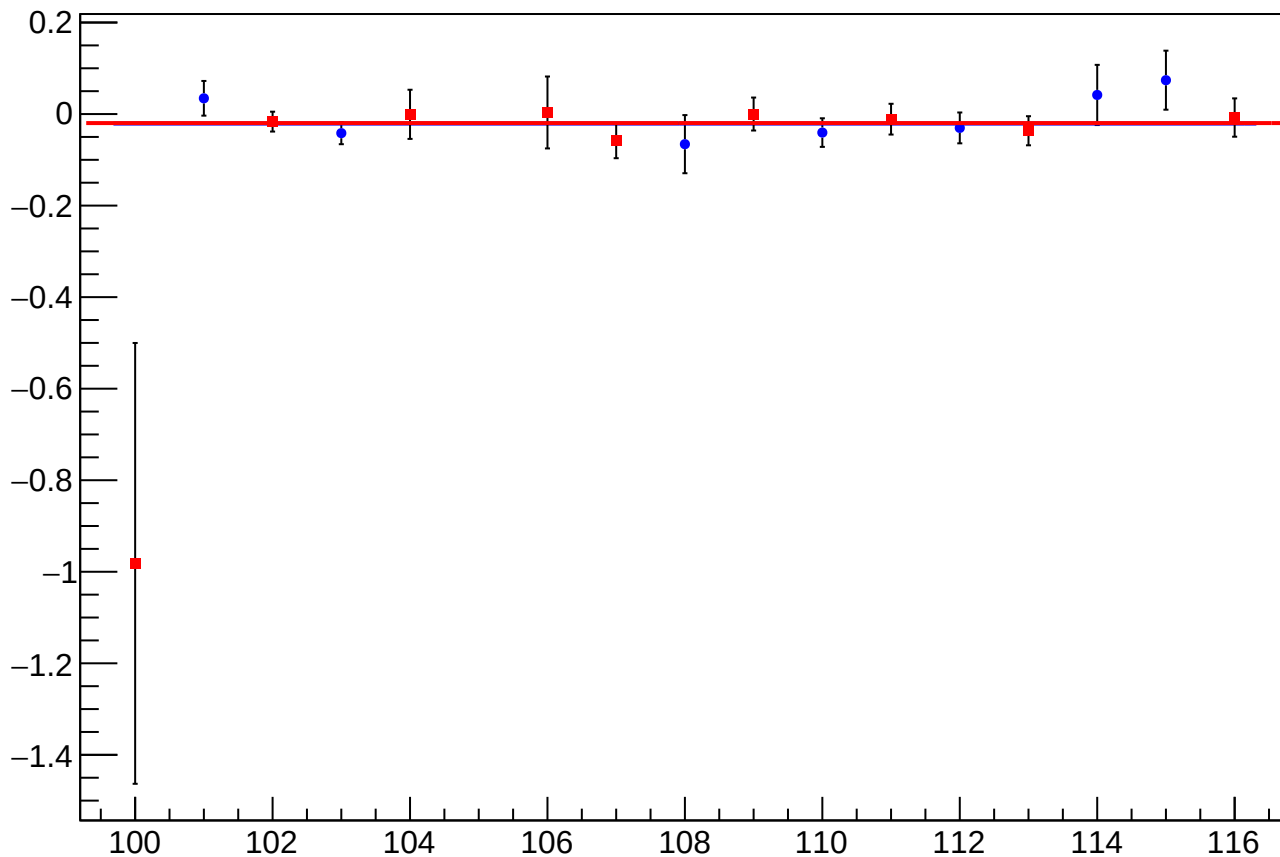
Right: 0.001+/-0.000 χ^2/NDF : 3820137.4/15

In: 0.001+/-0.000 χ^2/NDF :367676.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3820137.4/15

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.014 χ^2 /NDF: 6.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 6.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

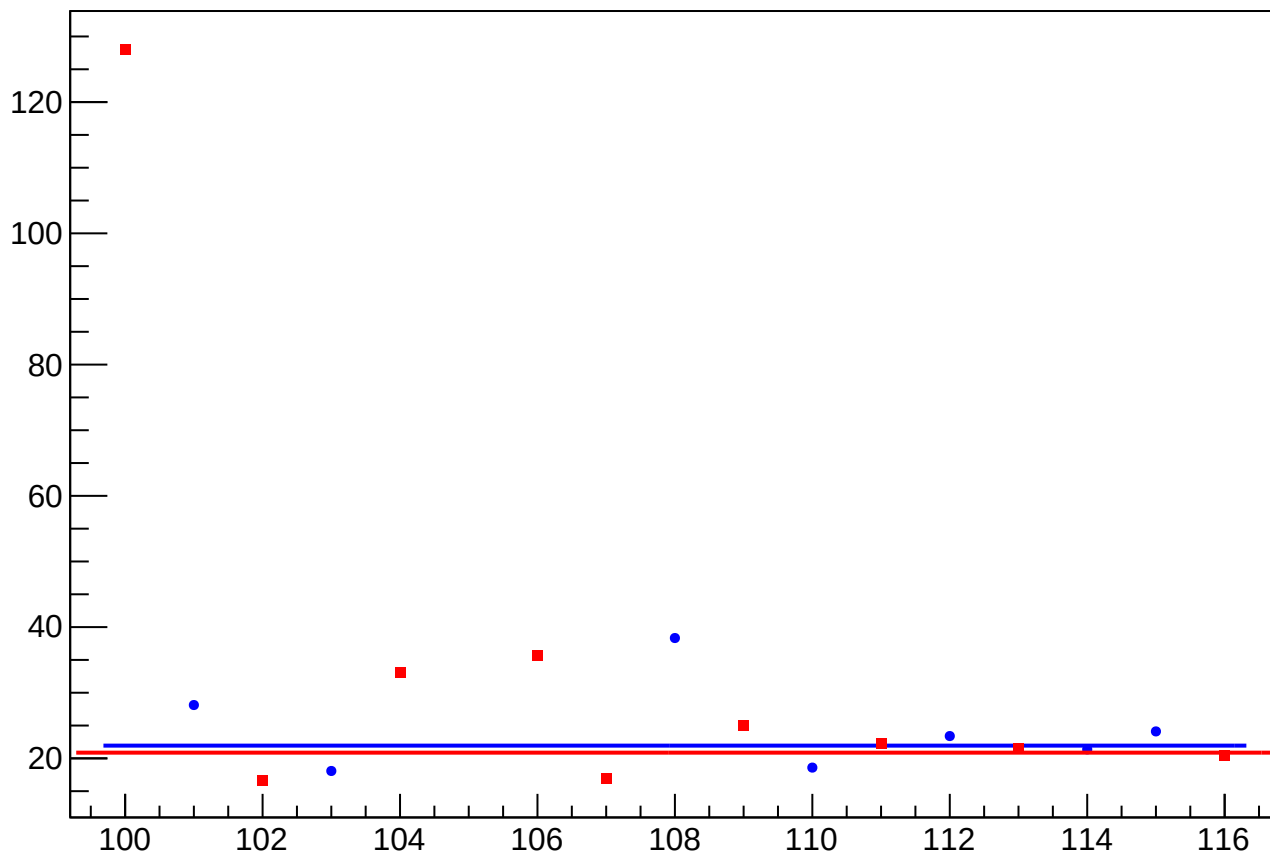
Right: -0.020 $\pm$ 0.009 χ^2 /NDF: 12.9/15

In: -0.021 $\pm$ 0.014 χ^2 /NDF:6.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.009 χ^2 /NDF: 12.9/15

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.941+/-0.010 χ^2/NDF : 266770.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.870+/-0.009 χ^2/NDF : 403721.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

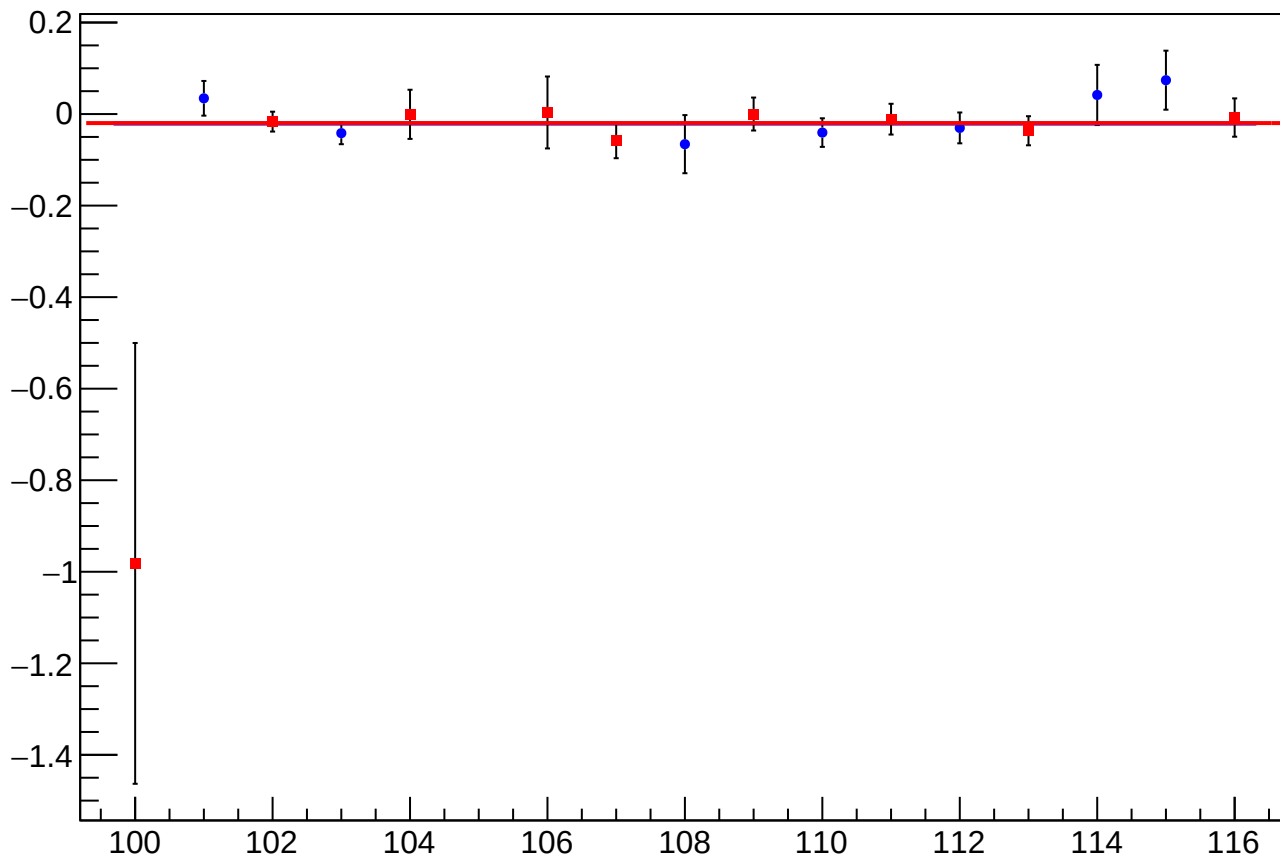
Right: 21.336+/-0.007 χ^2/NDF : 677014.8/15

In: 21.941+/-0.010 χ^2/NDF : 266770.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.336+/-0.007 χ^2/NDF : 677014.8/15

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.014 χ^2/NDF : 6.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.012 χ^2/NDF : 6.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

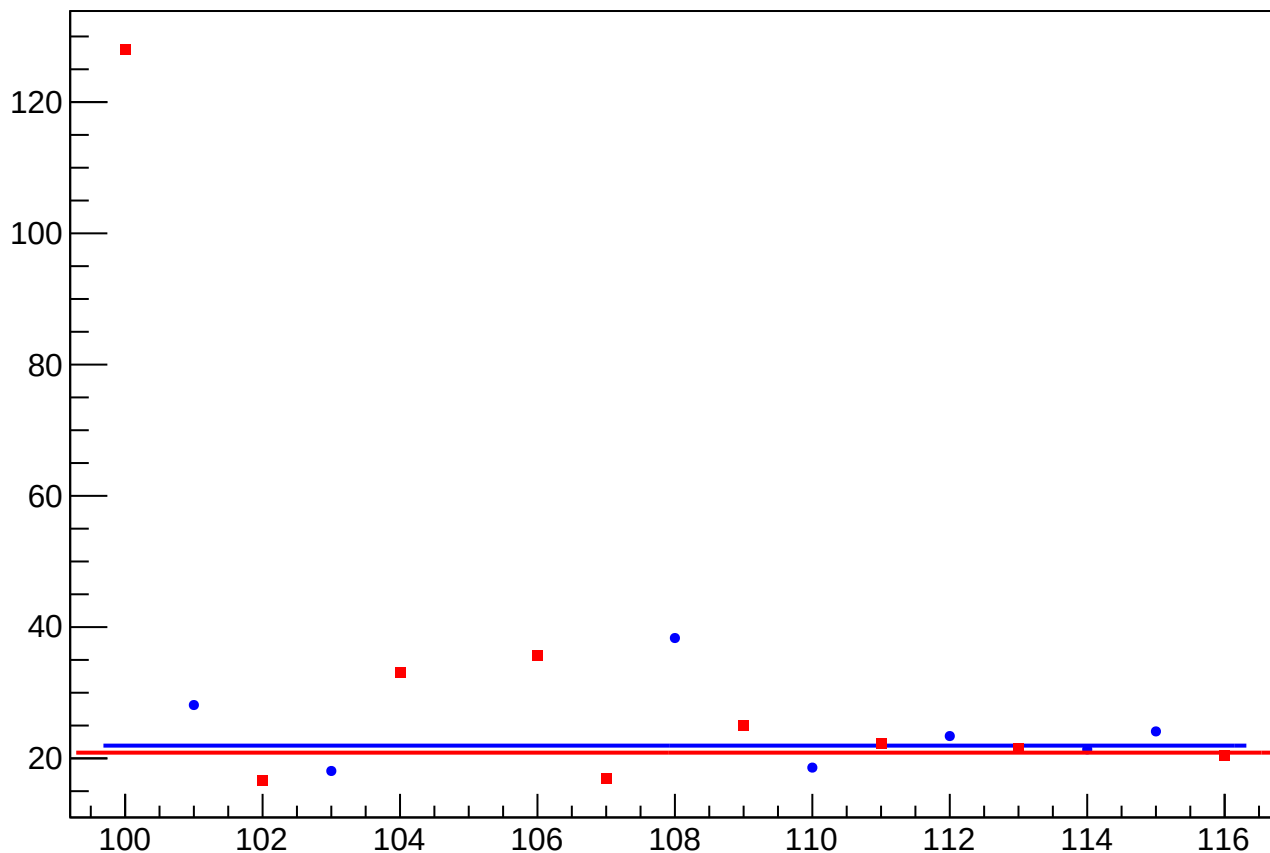
Right: -0.020 ± 0.009 χ^2/NDF : 12.9/15

In: -0.021 ± 0.014 χ^2/NDF : 6.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.009 χ^2/NDF : 12.9/15

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.941+/-0.010 χ^2/NDF : 266770.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.870+/-0.009 χ^2/NDF : 403721.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

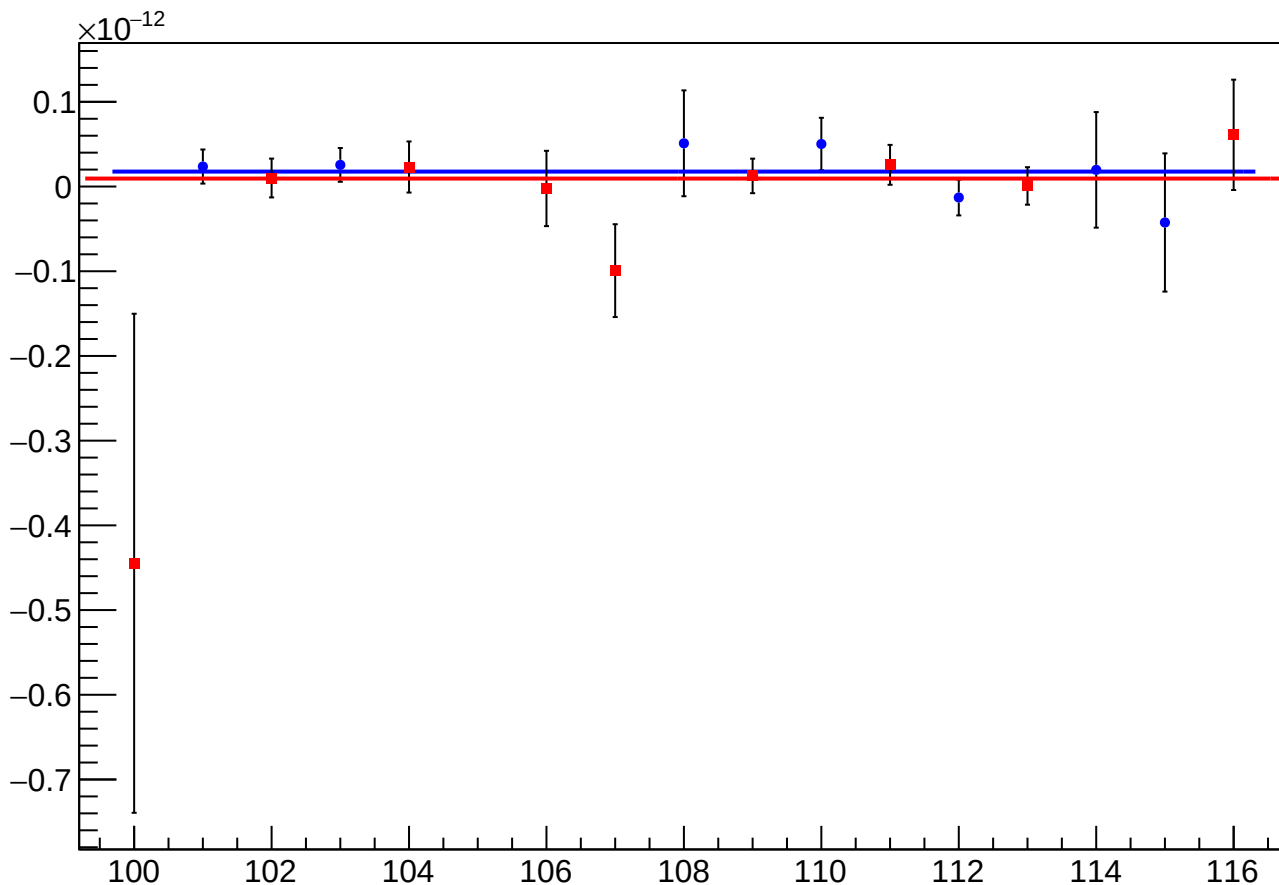
Right: 21.336+/-0.007 χ^2/NDF : 677014.8/15

In: 21.941+/-0.010 χ^2/NDF : 266770.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.336+/-0.007 χ^2/NDF : 677014.8/15

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

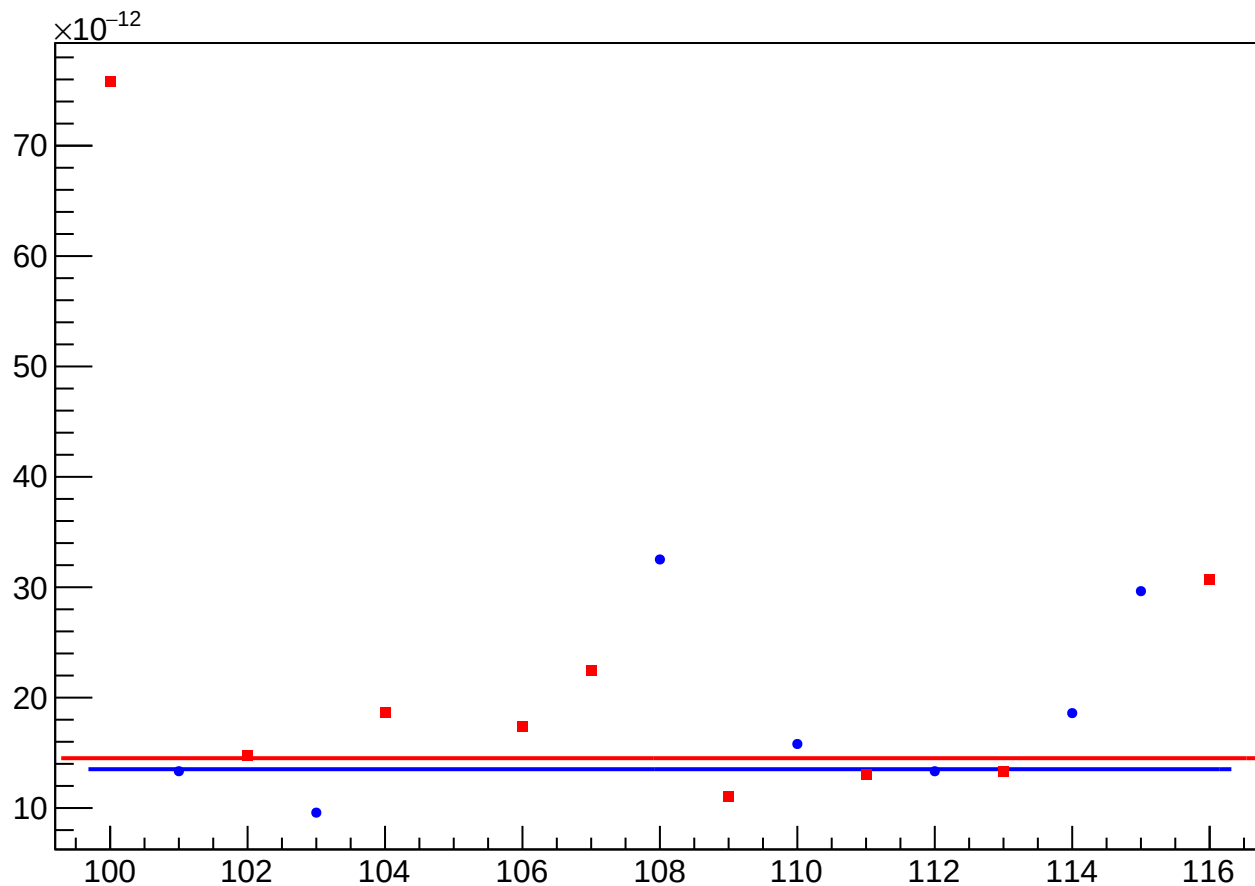
Right: 0.000+/-0.000 χ^2/NDF : 12.5/15

In: 0.000+/-0.000 χ^2/NDF : 4.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.5/15

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 363366.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 369205.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

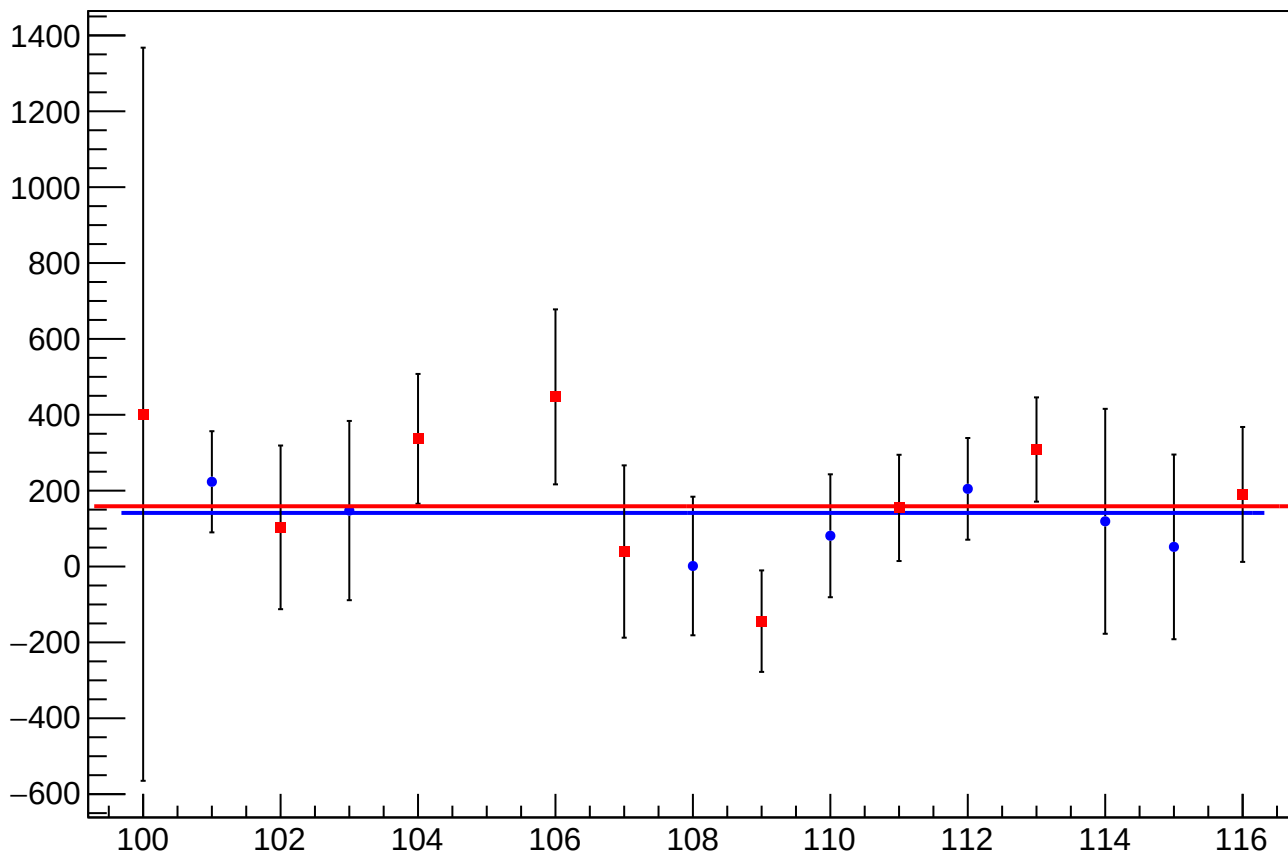
Right: 0.000+/-0.000 χ^2/NDF : 742079.5/15

In: 0.000+/-0.000 χ^2/NDF : 363366.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 742079.5/15

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 141.342+/-66.499 χ^2/NDF : 1.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.860+/-59.091 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

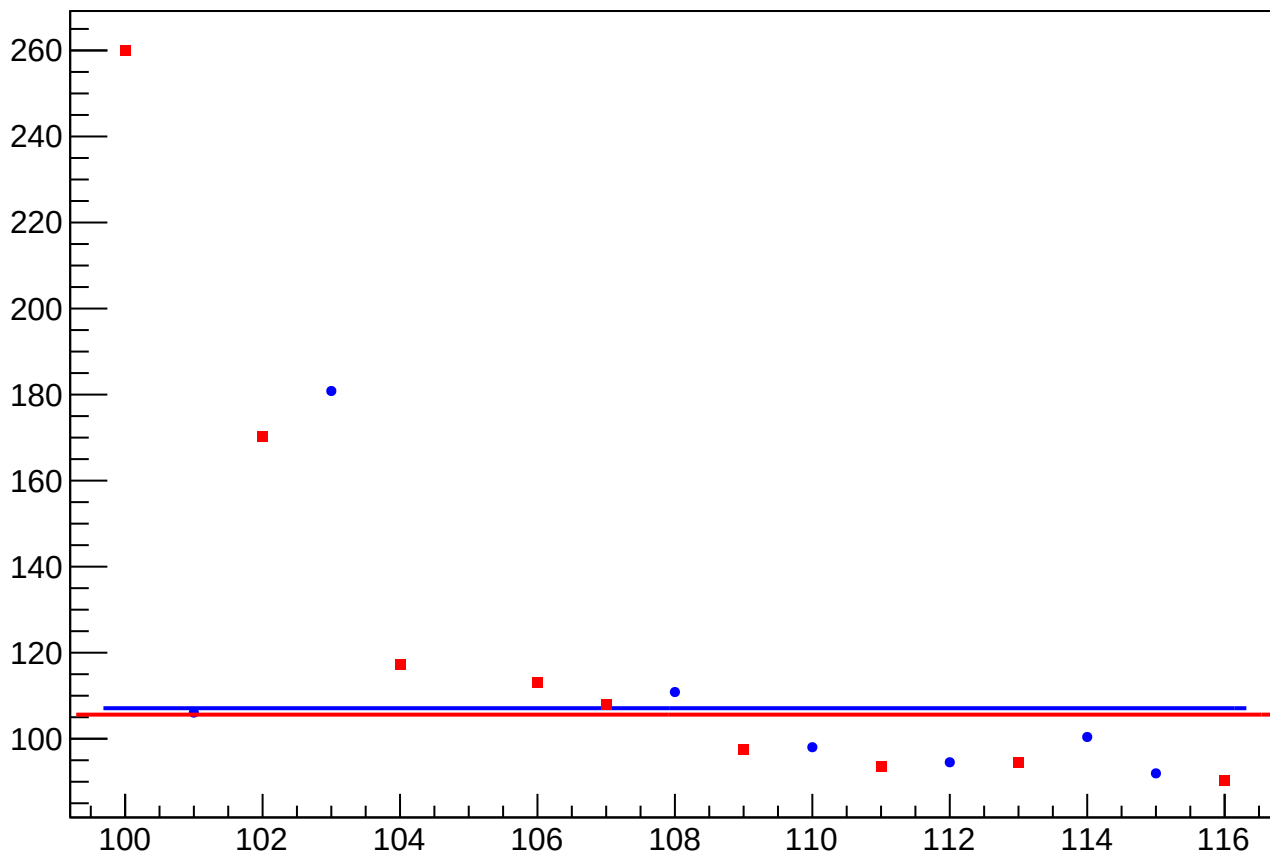
Right: 151.131+/-44.172 χ^2/NDF : 10.9/15

In: 141.342+/-66.499 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.131+/-44.172 χ^2/NDF : 10.9/15

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.097 $\pm$ 0.047 χ^2 /NDF: 228421.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.605 $\pm$ 0.042 χ^2 /NDF: 293149.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

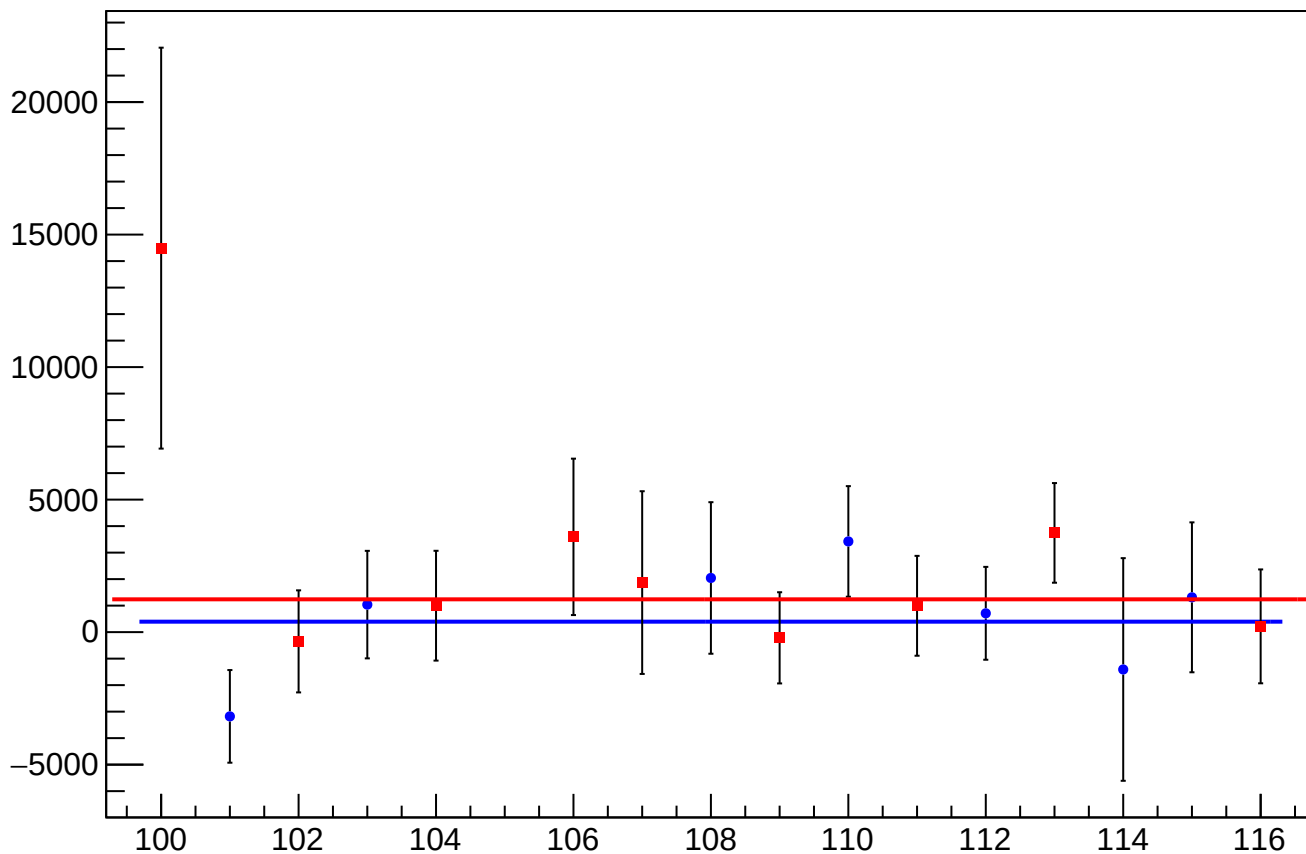
Right: 106.263 $\pm$ 0.031 χ^2 /NDF: 522132.9/15

In: 107.097 $\pm$ 0.047 χ^2 /NDF:228421.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.263 $\pm$ 0.031 χ^2 /NDF: 522132.9/15

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 394.344+/-836.310 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1237.553+/-737.566 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

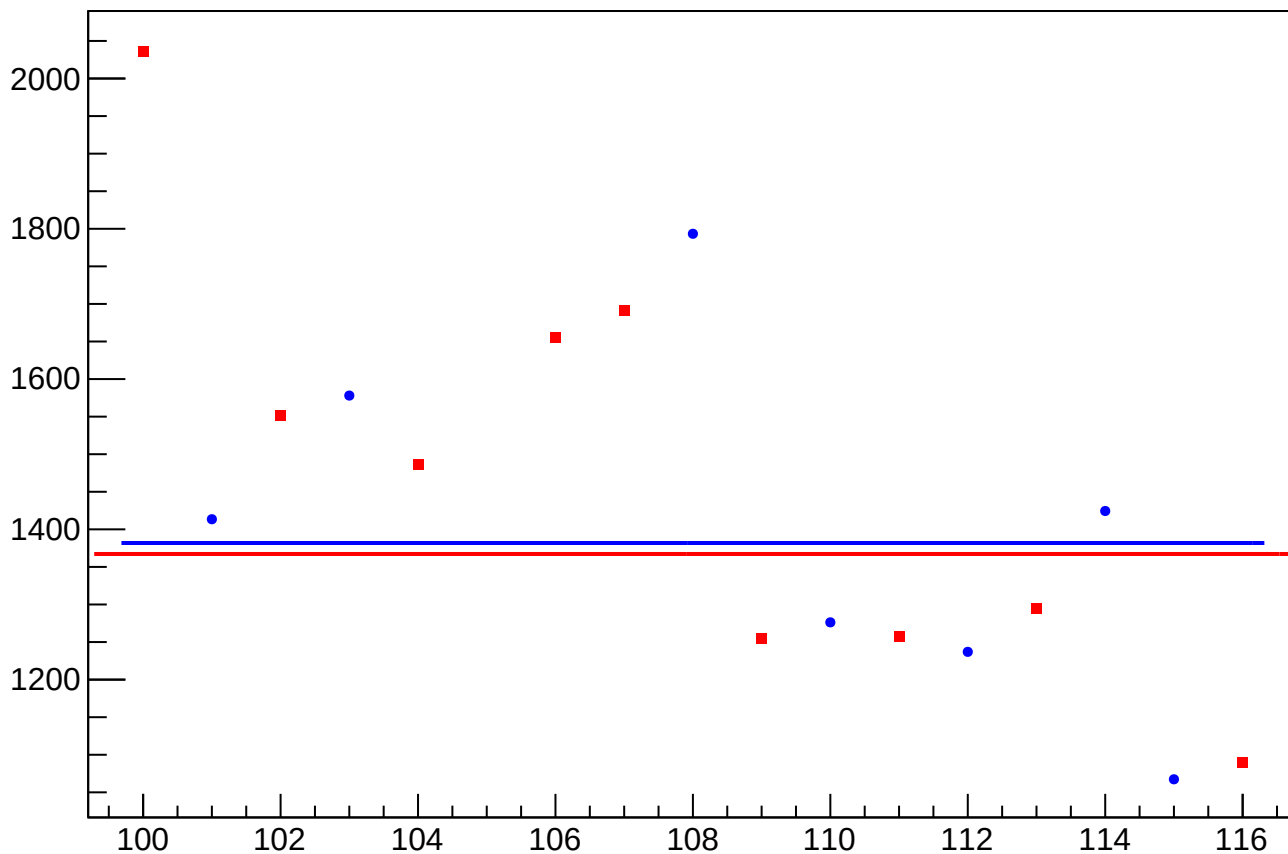
Right: 868.643+/-553.171 χ^2/NDF : 14.8/15

In: 394.344+/-836.310 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.643+/-553.171 χ^2/NDF : 14.8/15

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1381.835+/-0.591 χ^2/NDF : 104525.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.213+/-0.522 χ^2/NDF : 128695.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

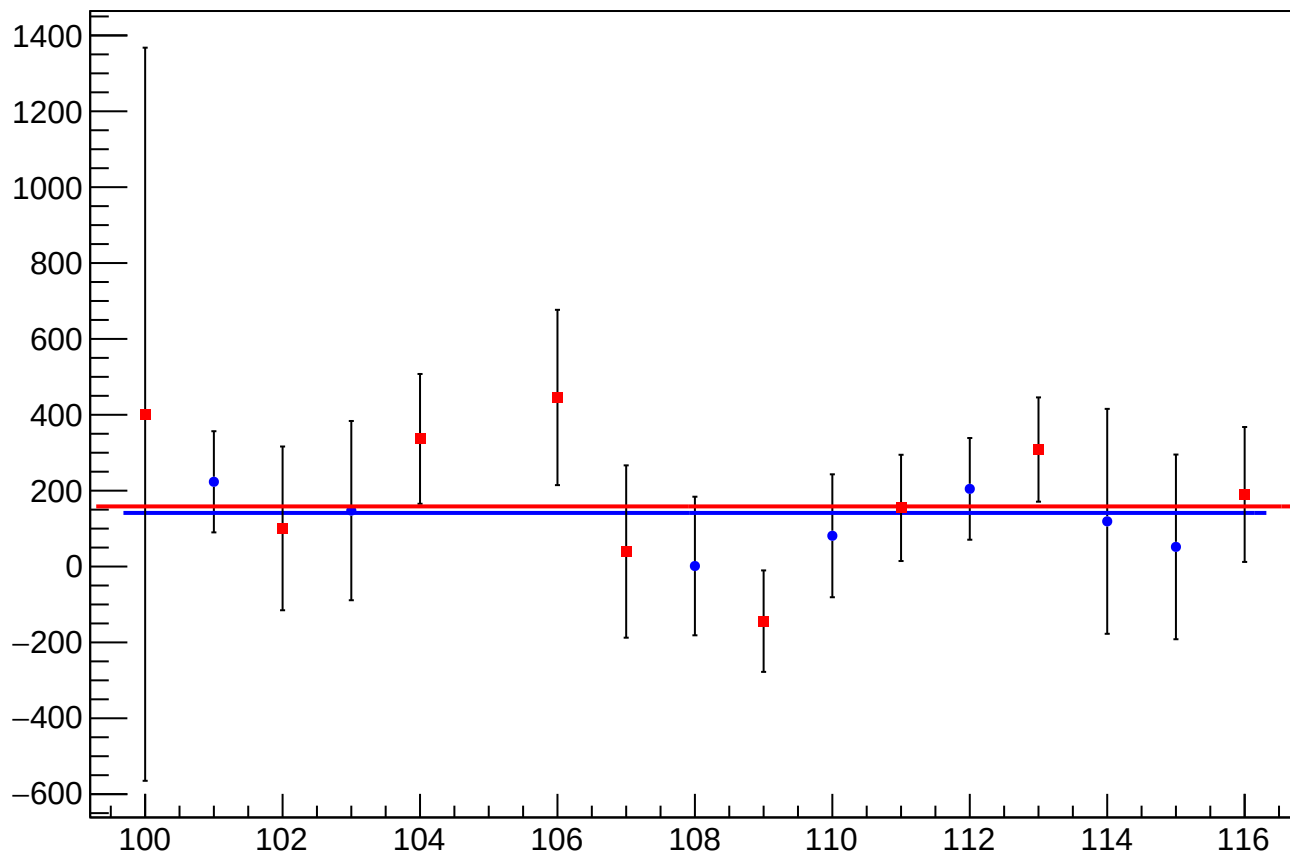
Right: 1373.610+/-0.391 χ^2/NDF : 233564.4/15

In: 1381.835+/-0.591 χ^2/NDF : 104525.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.610+/-0.391 χ^2/NDF : 233564.4/15

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 141.327+/-66.499 χ^2/NDF : 1.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.477+/-59.100 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

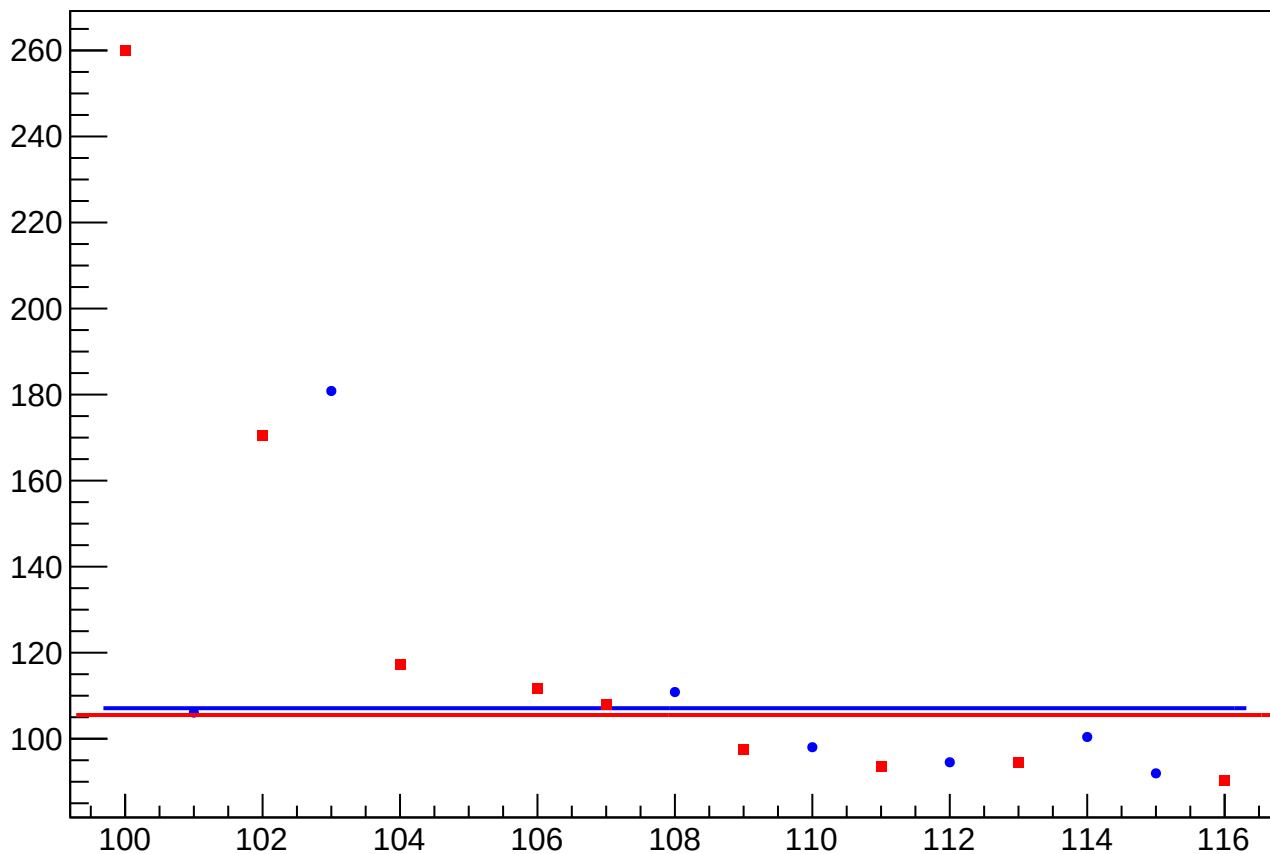
Right: 150.909+/-44.175 χ^2/NDF : 10.9/15

In: 141.327+/-66.499 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.909+/-44.175 χ^2/NDF : 10.9/15

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.097 $\pm$ 0.047 χ^2 /NDF: 228425.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.518 $\pm$ 0.042 χ^2 /NDF: 292752.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

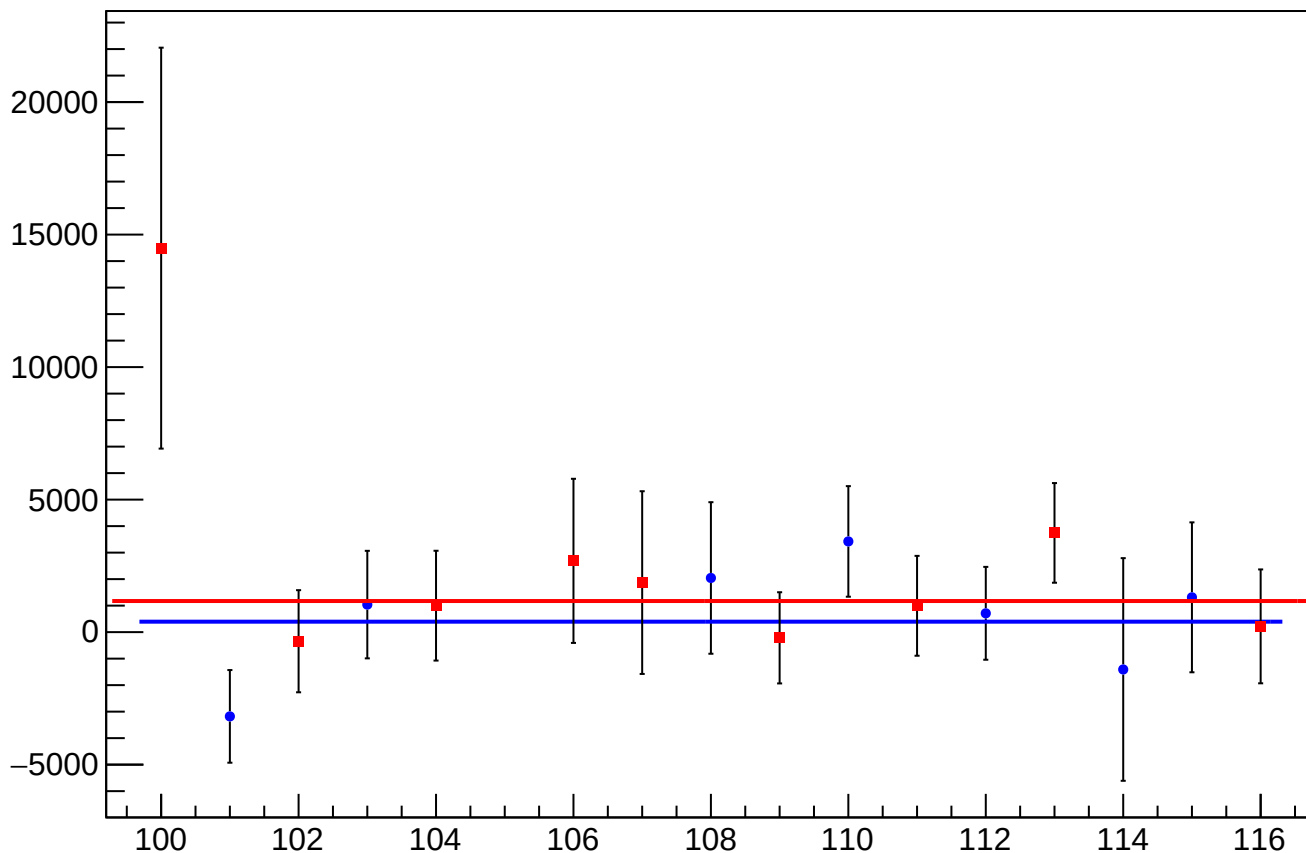
Right: 106.215 $\pm$ 0.031 χ^2 /NDF: 521807.7/15

In: 107.097 $\pm$ 0.047 χ^2 /NDF:228425.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.215 $\pm$ 0.031 χ^2 /NDF: 521807.7/15

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 394.470+/-836.320 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.571+/-739.761 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

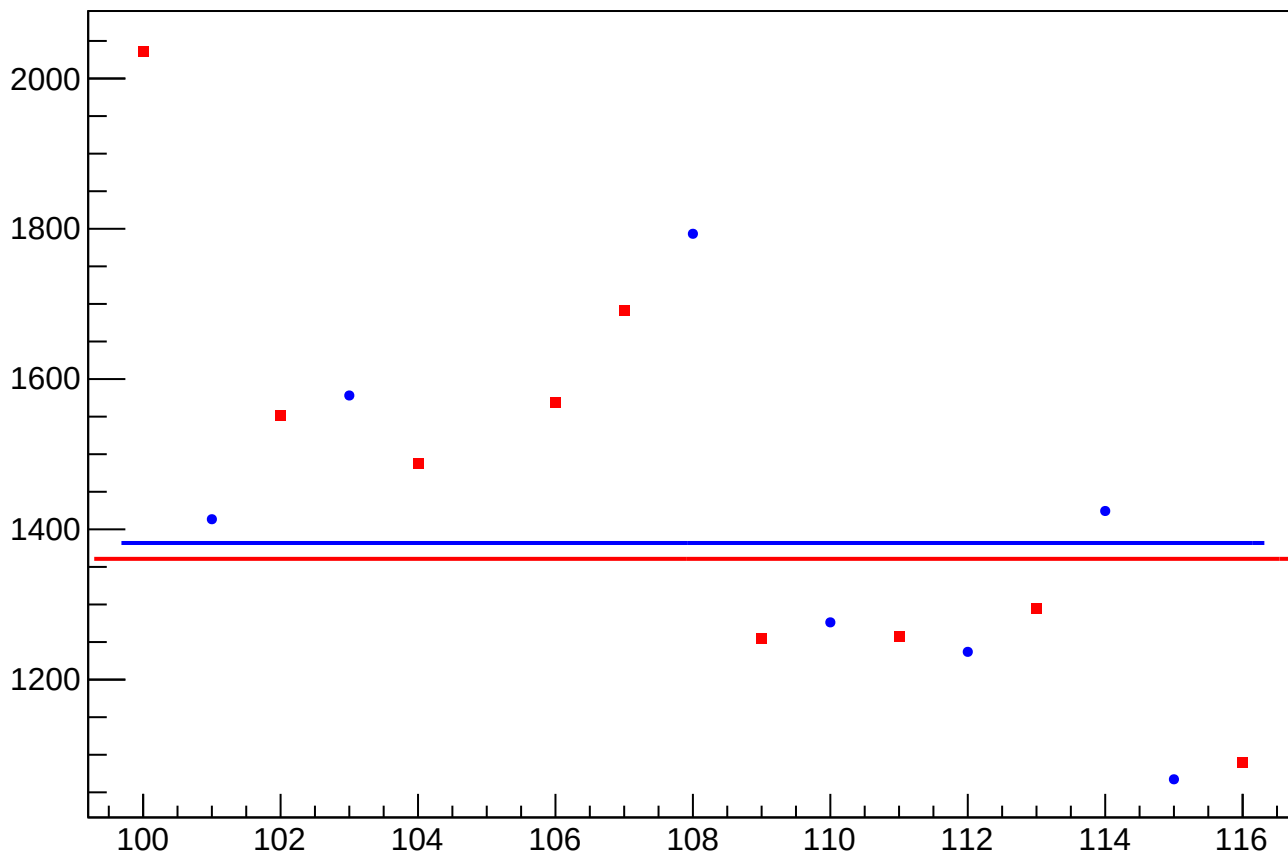
Right: 831.574+/-554.098 χ^2/NDF : 14.3/15

In: 394.470+/-836.320 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.574+/-554.098 χ^2/NDF : 14.3/15

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1381.848+/-0.591 χ^2/NDF : 104543.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.734+/-0.523 χ^2/NDF : 118153.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

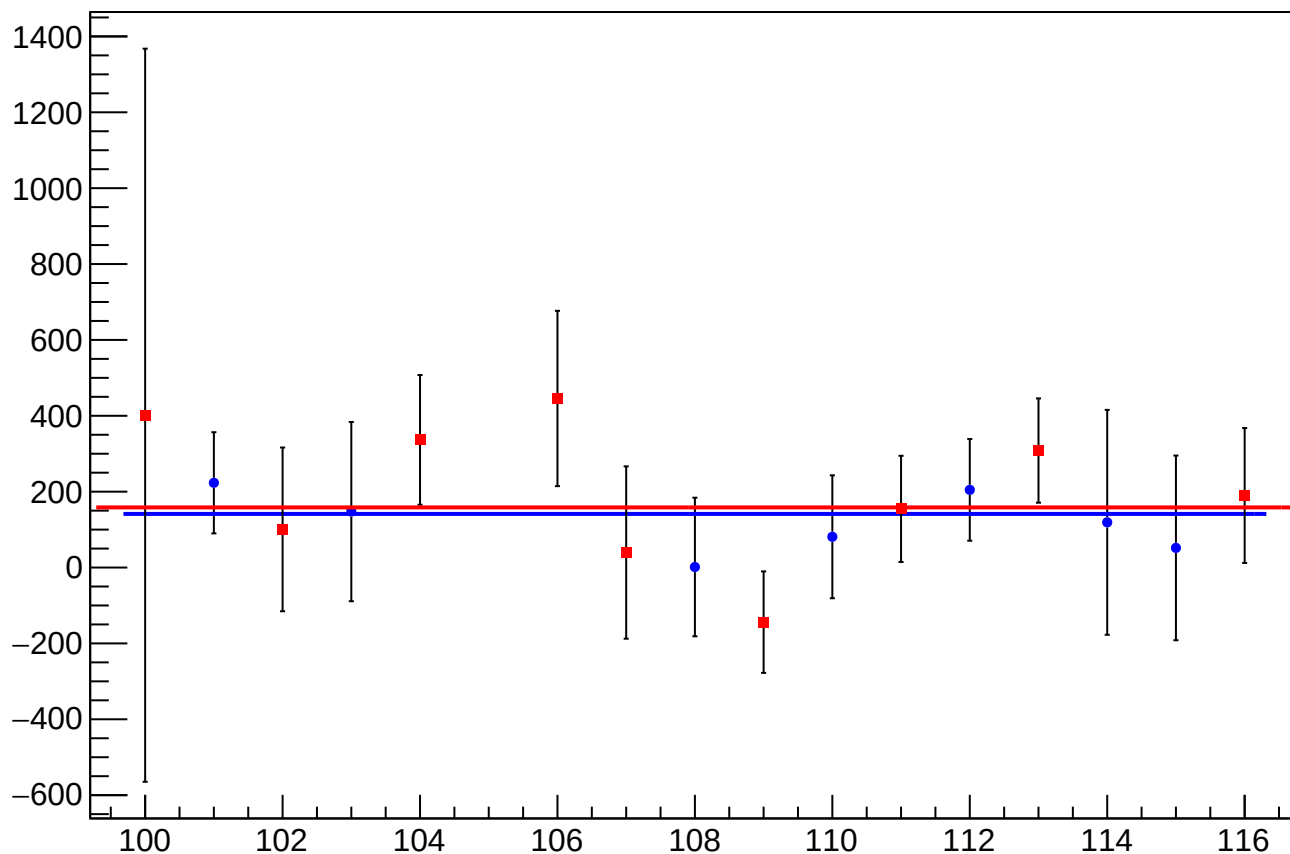
Right: 1370.002+/-0.392 χ^2/NDF : 223412.3/15

In: 1381.848+/-0.591 χ^2/NDF : 104543.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.002+/-0.392 χ^2/NDF : 223412.3/15

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 141.327+/-66.499 χ^2/NDF : 1.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.477+/-59.100 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

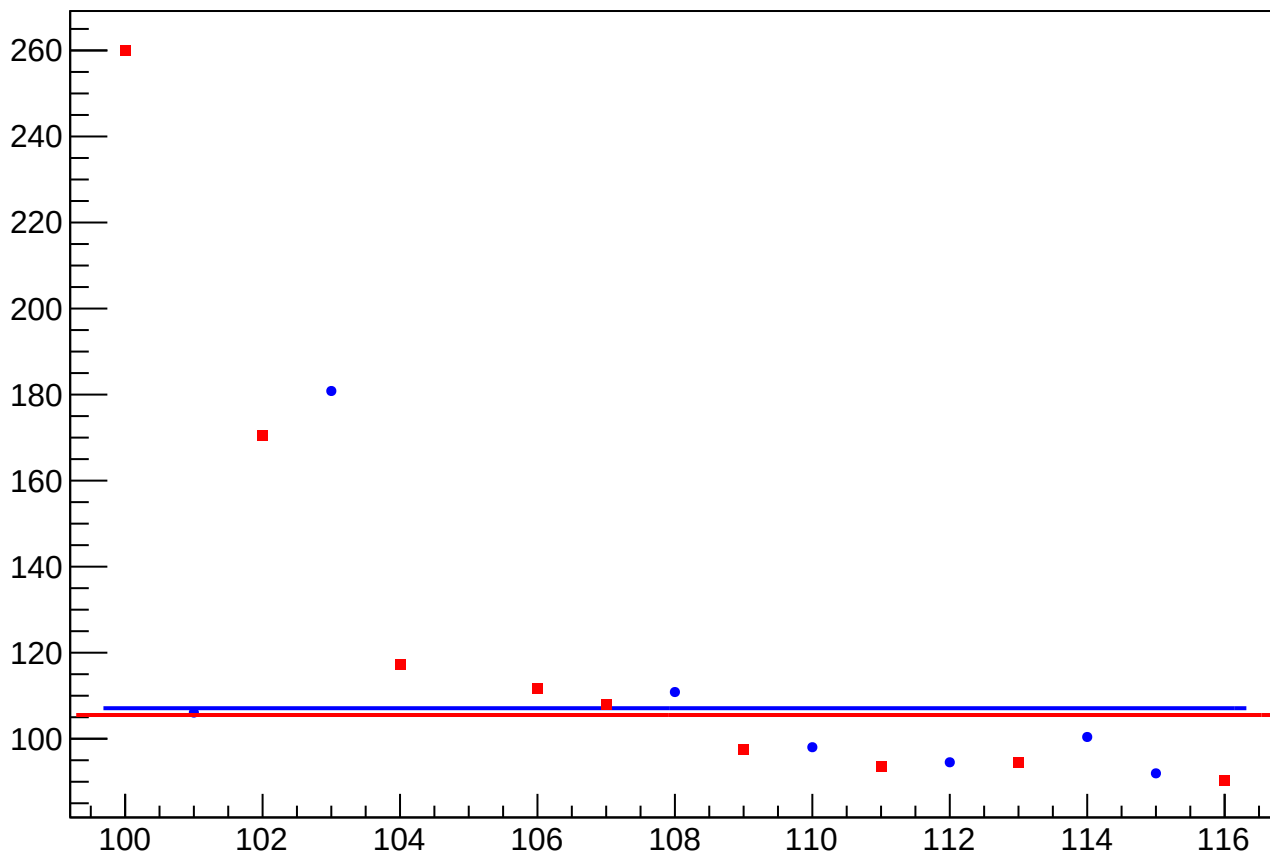
Right: 150.909+/-44.175 χ^2/NDF : 10.9/15

In: 141.327+/-66.499 χ^2/NDF : 1.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.909+/-44.175 χ^2/NDF : 10.9/15

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.097+/-0.047 χ^2/NDF : 228425.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.518+/-0.042 χ^2/NDF : 292752.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

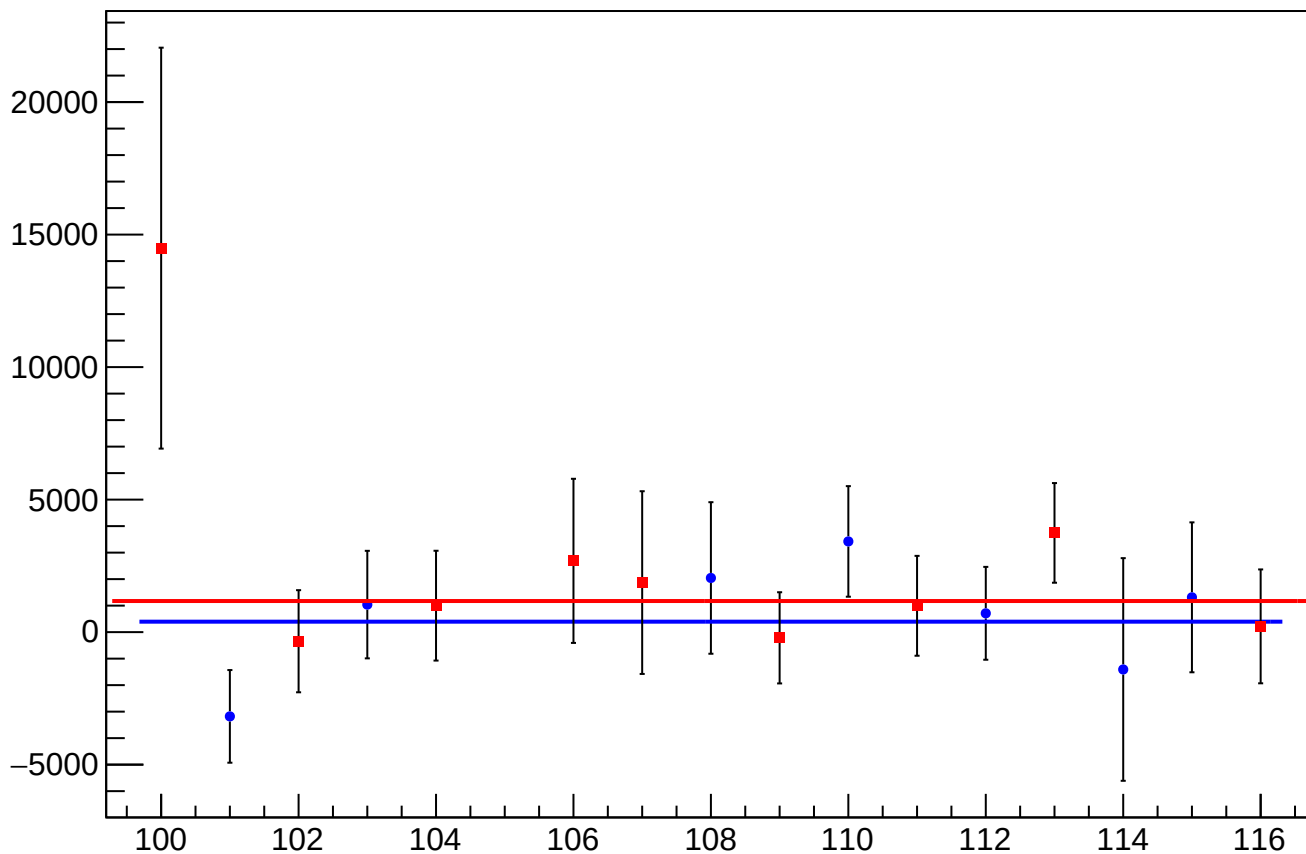
Right: 106.215+/-0.031 χ^2/NDF : 521807.7/15

In: 107.097+/-0.047 χ^2/NDF : 228425.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.215+/-0.031 χ^2/NDF : 521807.7/15

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 394.470+/-836.320 χ^2/NDF : 7.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.571+/-739.761 χ^2/NDF : 6.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

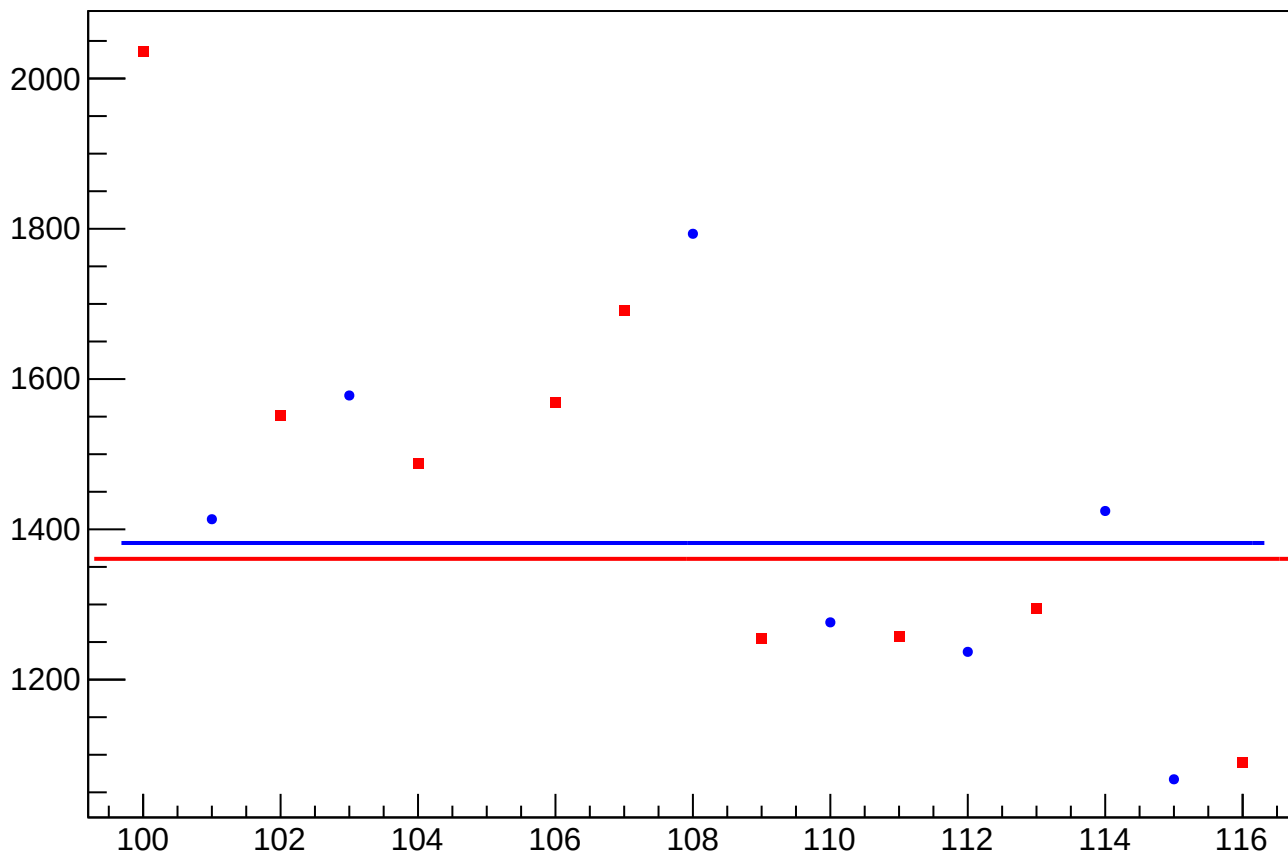
Right: 831.574+/-554.098 χ^2/NDF : 14.3/15

In: 394.470+/-836.320 χ^2/NDF : 7.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.574+/-554.098 χ^2/NDF : 14.3/15

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1381.848 $\pm$ 0.591 χ^2 /NDF: 104543.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1360.734 $\pm$ 0.523 χ^2 /NDF: 118153.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

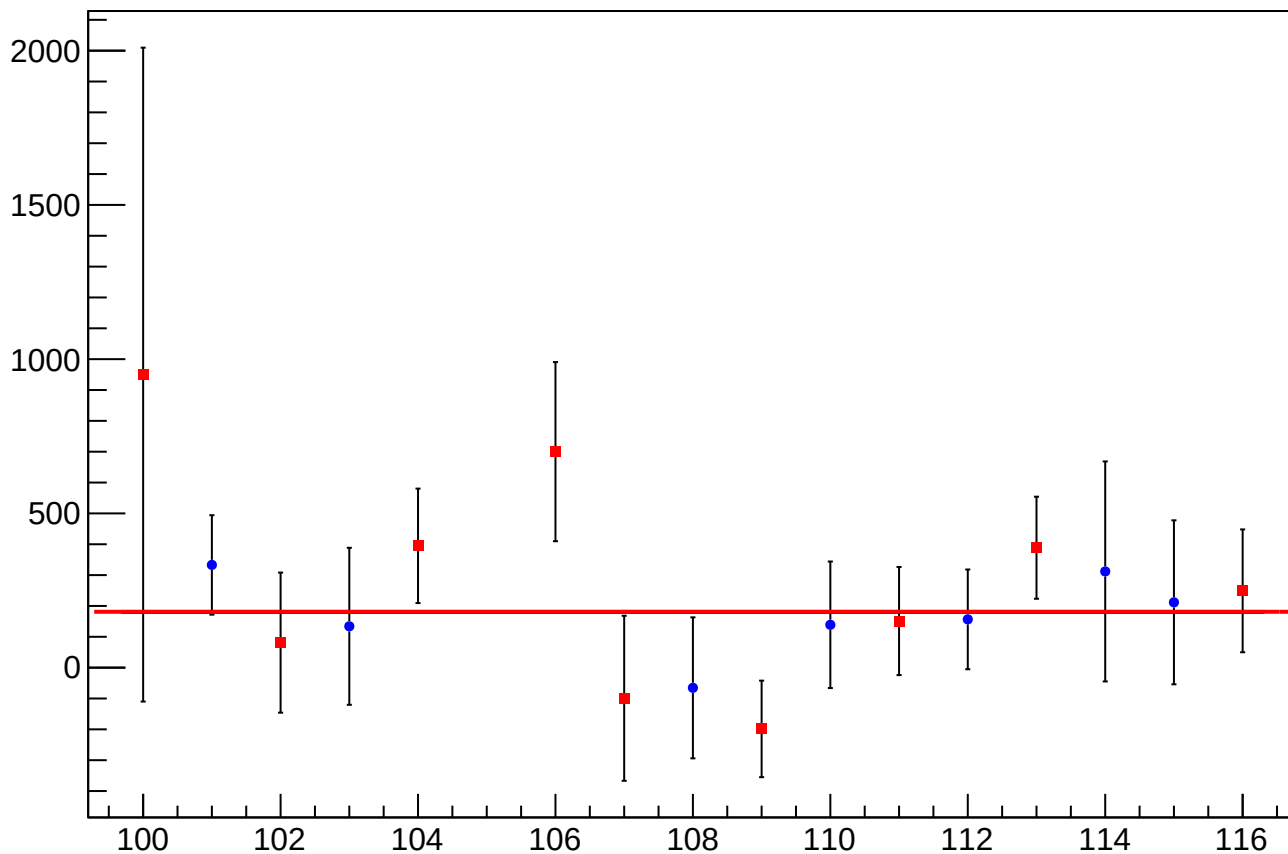
Right: 1370.002 $\pm$ 0.392 χ^2 /NDF: 223412.3/15

In: 1381.848 $\pm$ 0.591 χ^2 /NDF:104543.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1370.002 $\pm$ 0.392 χ^2 /NDF: 223412.3/15

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 180.563+/-79.776 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.143+/-68.948 χ^2/NDF : 14.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

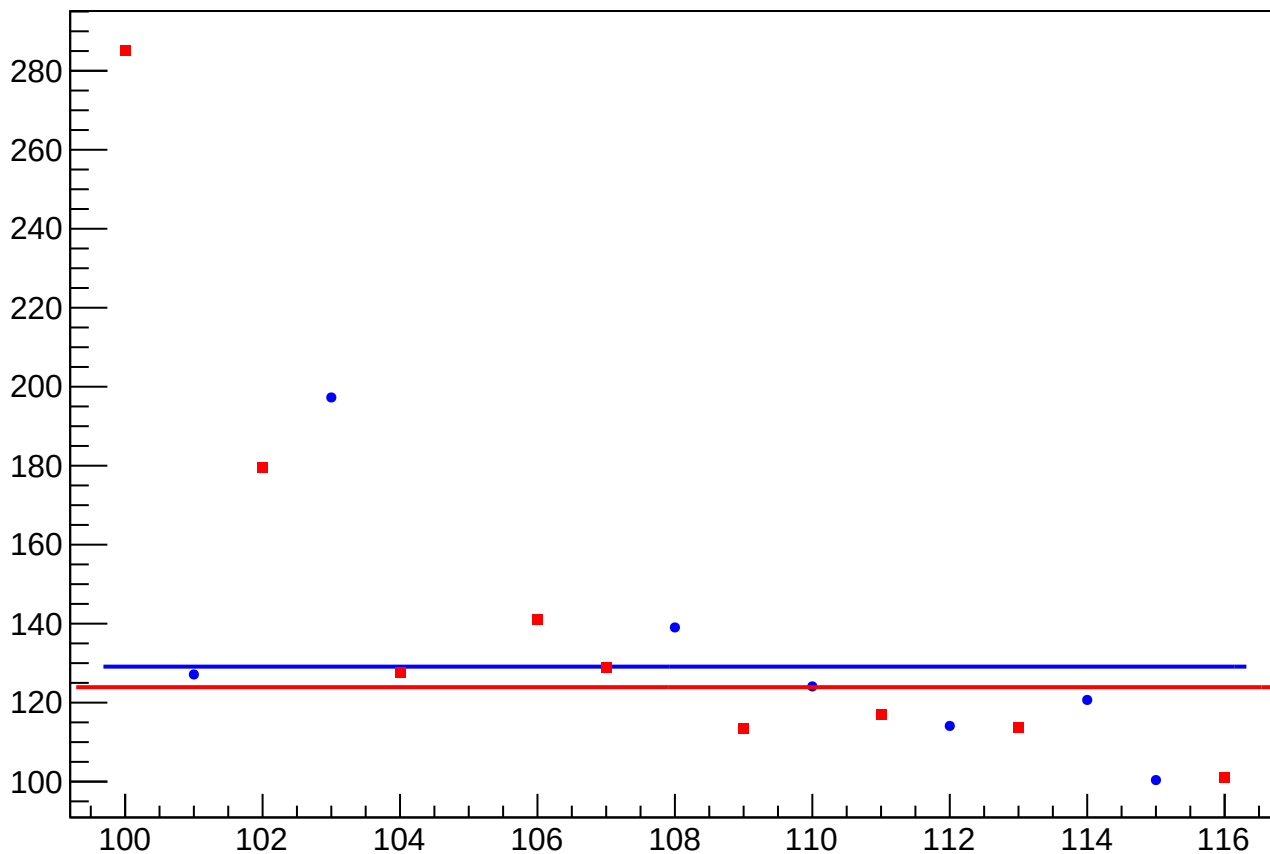
Right: 180.895+/-52.165 χ^2/NDF : 16.3/15

In: 180.563+/-79.776 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.895+/-52.165 χ^2/NDF : 16.3/15

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 129.115+/-0.056 χ^2/NDF : 190471.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.915+/-0.049 χ^2/NDF : 220889.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

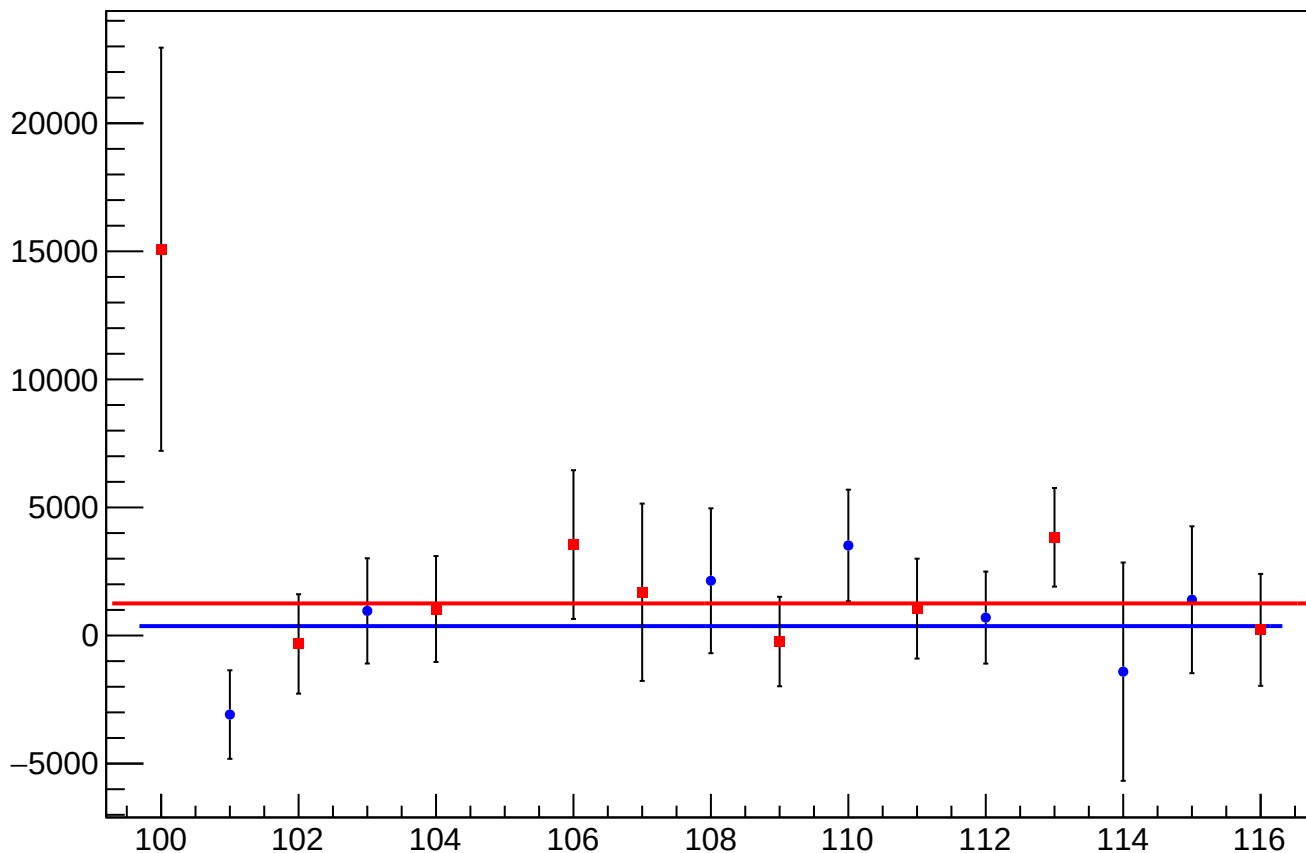
Right: 126.138+/-0.037 χ^2/NDF : 416225.3/15

In: 129.115+/-0.056 χ^2/NDF : 190471.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.138+/-0.037 χ^2/NDF : 416225.3/15

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 367.626 $\pm$ 847.009 χ^2 /NDF: 6.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1253.804 $\pm$ 747.977 χ^2 /NDF: 7.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

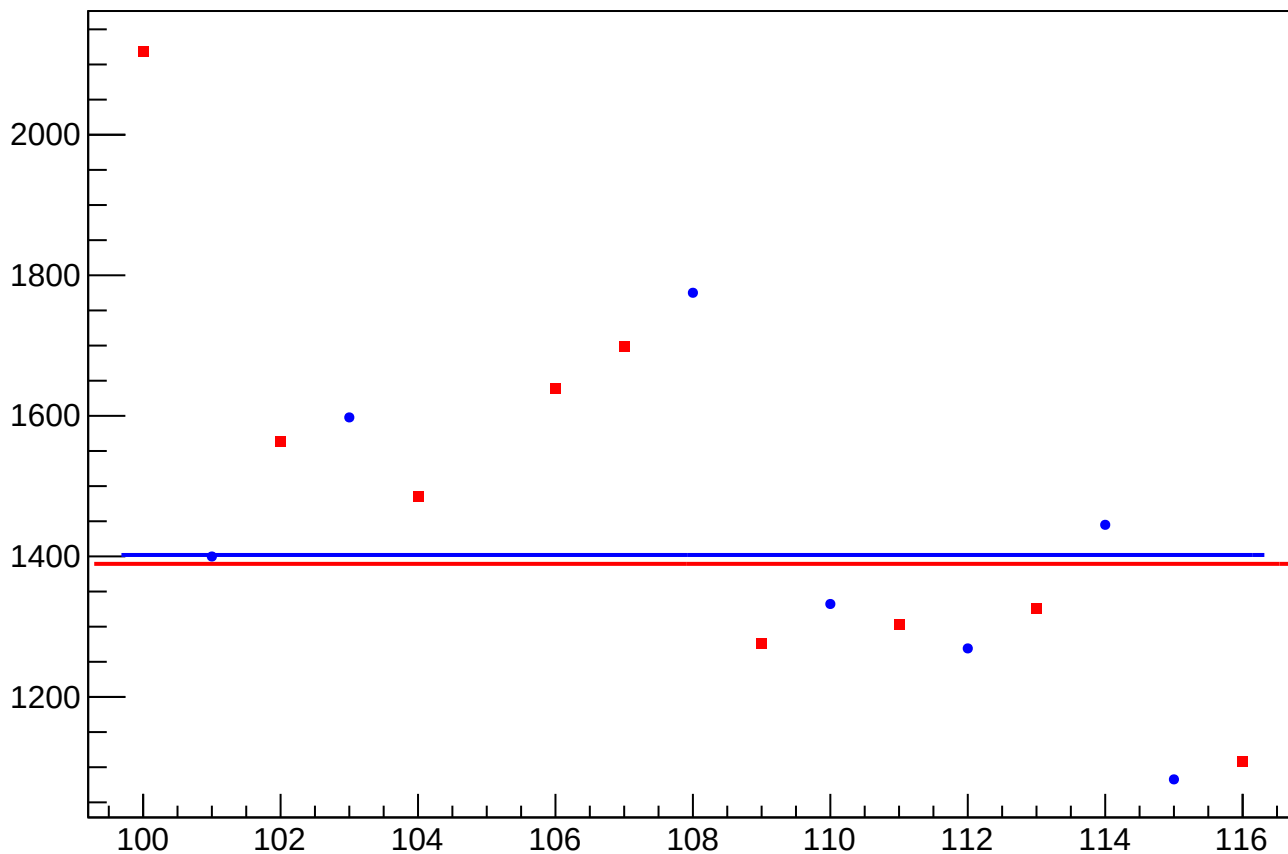
Right: 865.526 $\pm$ 560.659 χ^2 /NDF: 14.7/15

In: 367.626 $\pm$ 847.009 χ^2 /NDF: 6.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 865.526 $\pm$ 560.659 χ^2 /NDF: 14.7/15

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1402.030+/-0.599 χ^2/NDF : 90980.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.373+/-0.529 χ^2/NDF : 115698.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

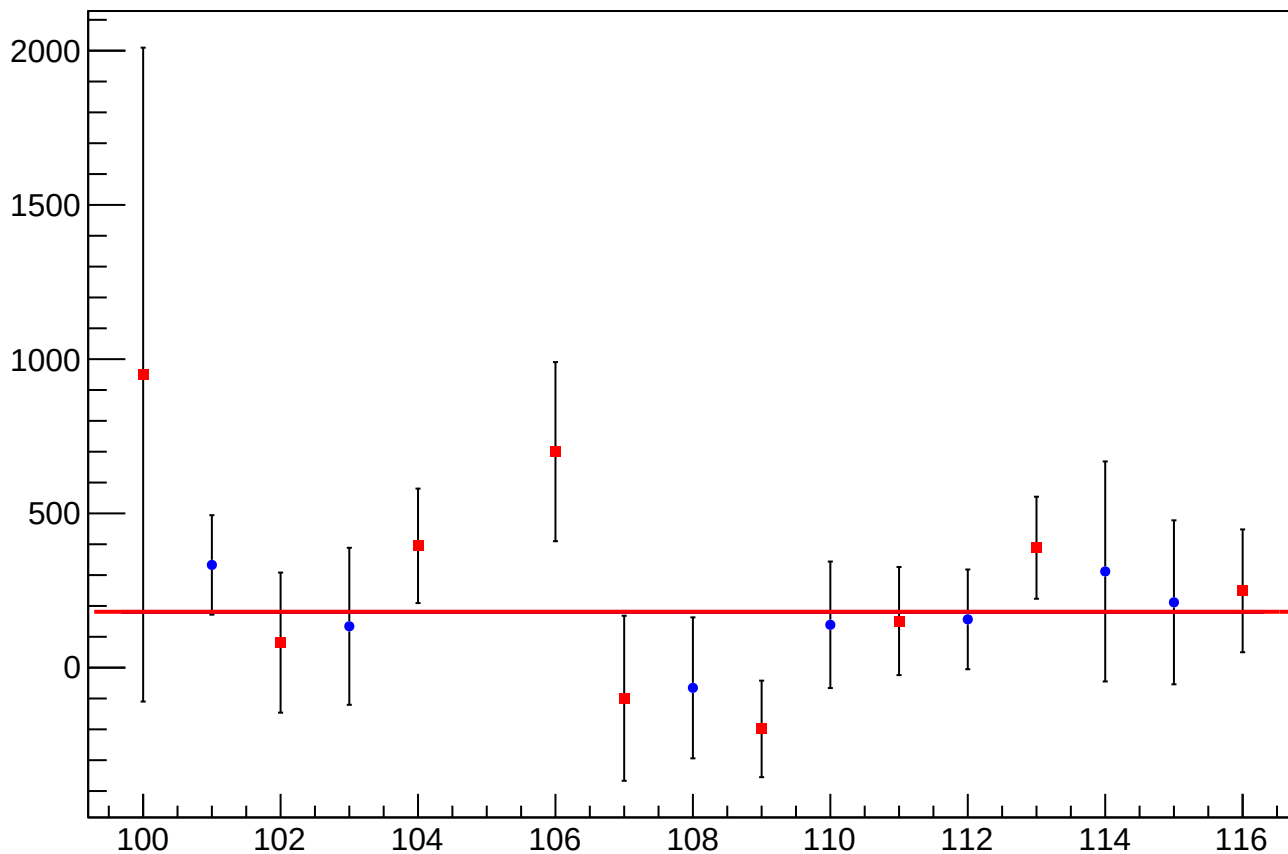
Right: 1394.919+/-0.396 χ^2/NDF : 206929.5/15

In: 1402.030+/-0.599 χ^2/NDF : 90980.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.919+/-0.396 χ^2/NDF : 206929.5/15

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 180.559+/-79.775 χ^2/NDF : 2.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.140+/-68.947 χ^2/NDF : 14.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

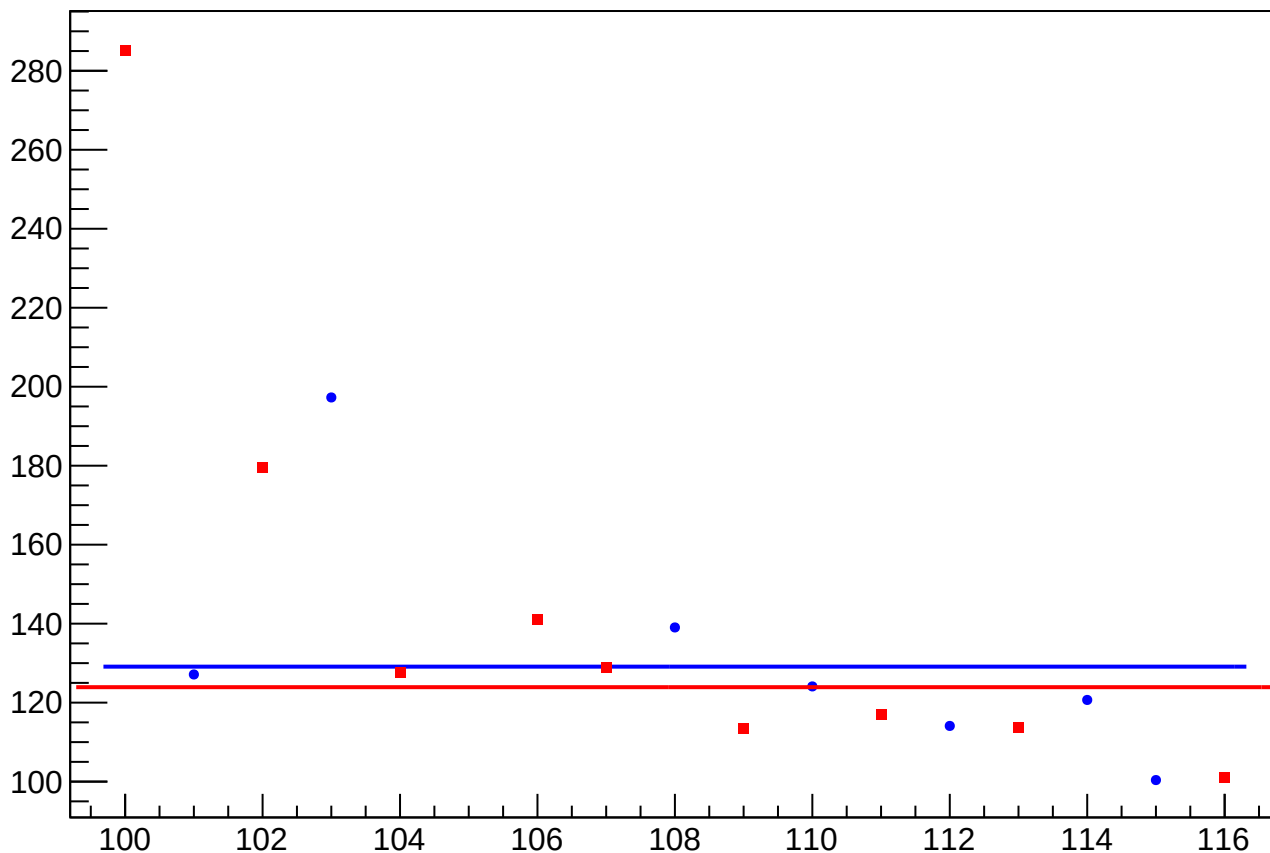
Right: 180.892+/-52.164 χ^2/NDF : 16.3/15

In: 180.559+/-79.775 χ^2/NDF : 2.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.892+/-52.164 χ^2/NDF : 16.3/15

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 129.113+/-0.056 χ^2/NDF : 190477.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.914+/-0.049 χ^2/NDF : 220893.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

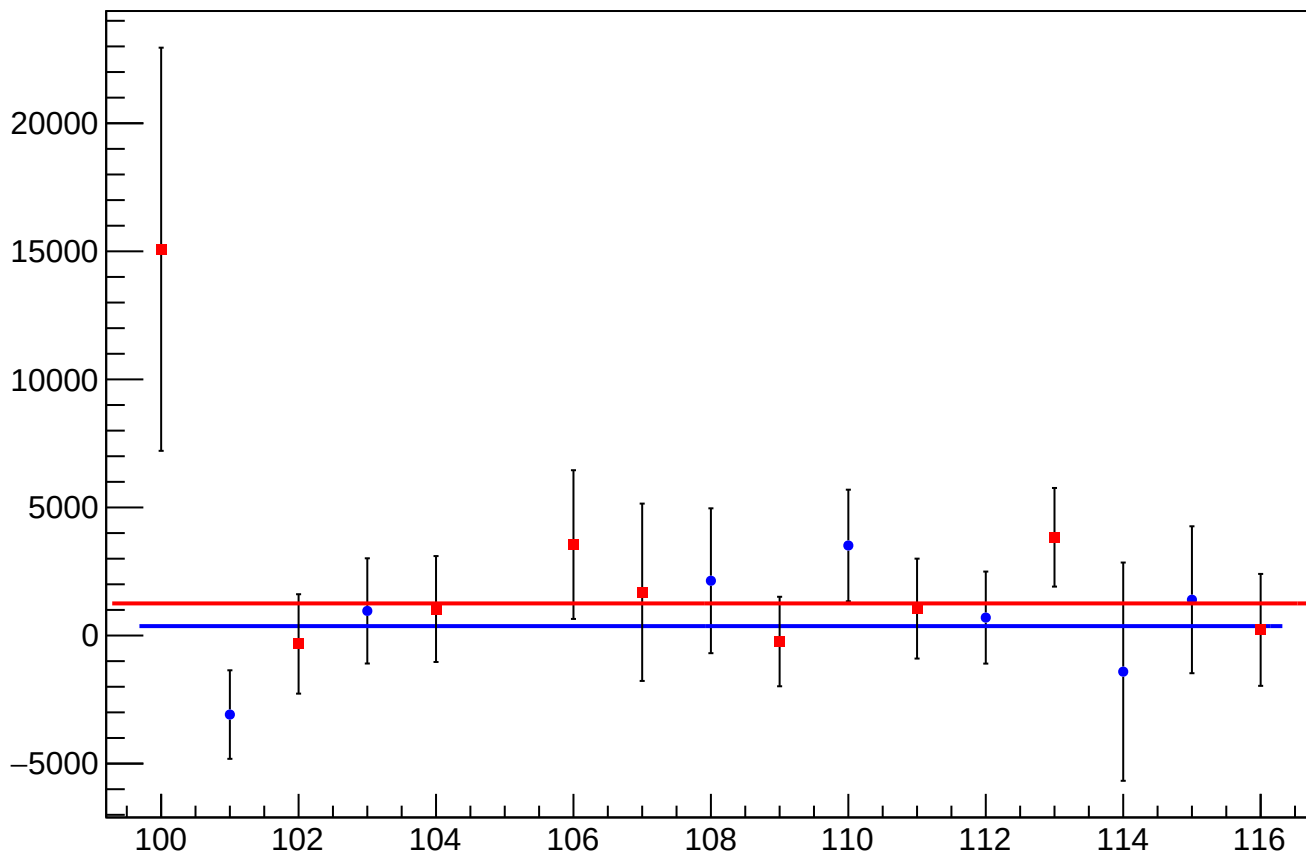
Right: 126.137+/-0.037 χ^2/NDF : 416235.4/15

In: 129.113+/-0.056 χ^2/NDF : 190477.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.137+/-0.037 χ^2/NDF : 416235.4/15

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 367.627 ± 847.006 χ^2/NDF : 6.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1253.802 ± 747.975 χ^2/NDF : 7.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

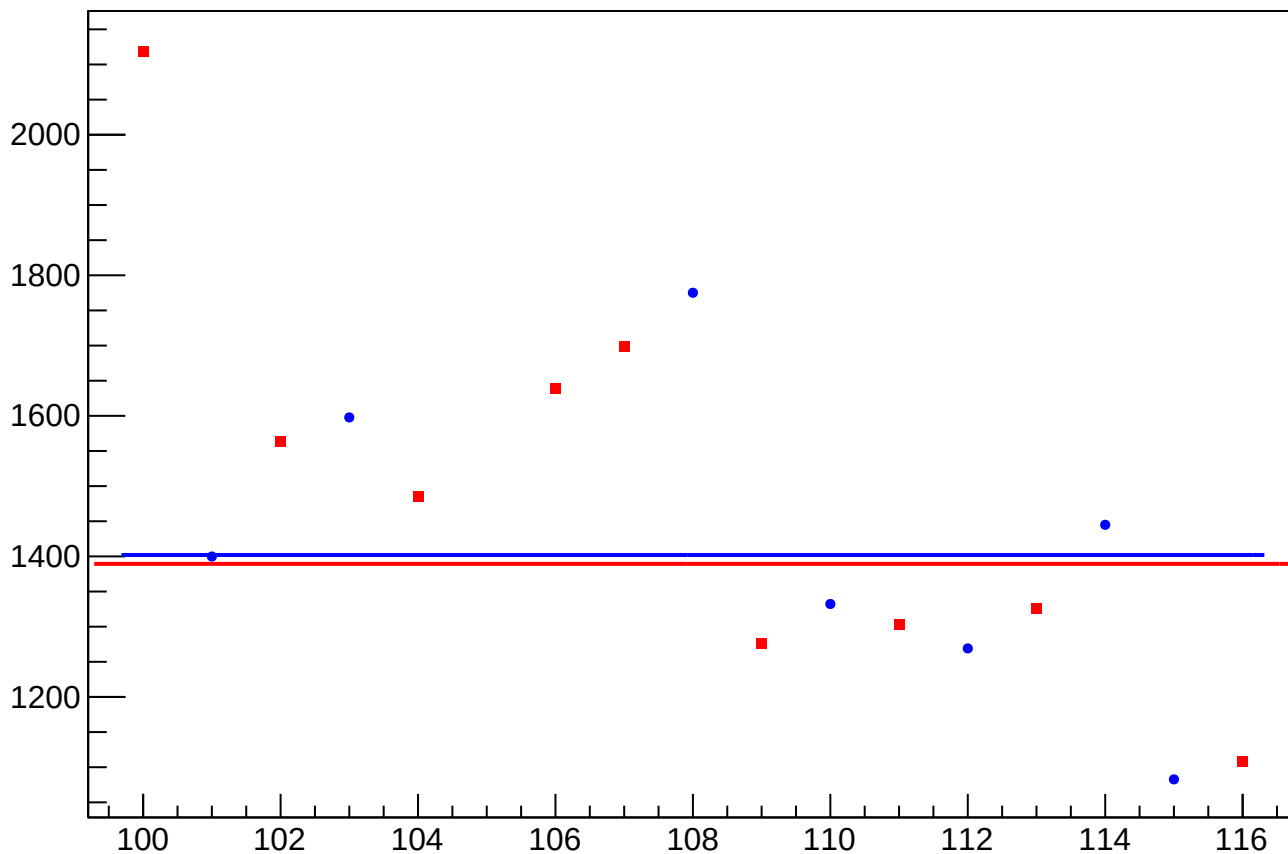
Right: 865.525 ± 560.657 χ^2/NDF : 14.7/15

In: 367.627 ± 847.006 χ^2/NDF : 6.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 865.525 ± 560.657 χ^2/NDF : 14.7/15

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1402.025+/-0.599 χ^2/NDF : 90980.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.368+/-0.529 χ^2/NDF : 115699.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

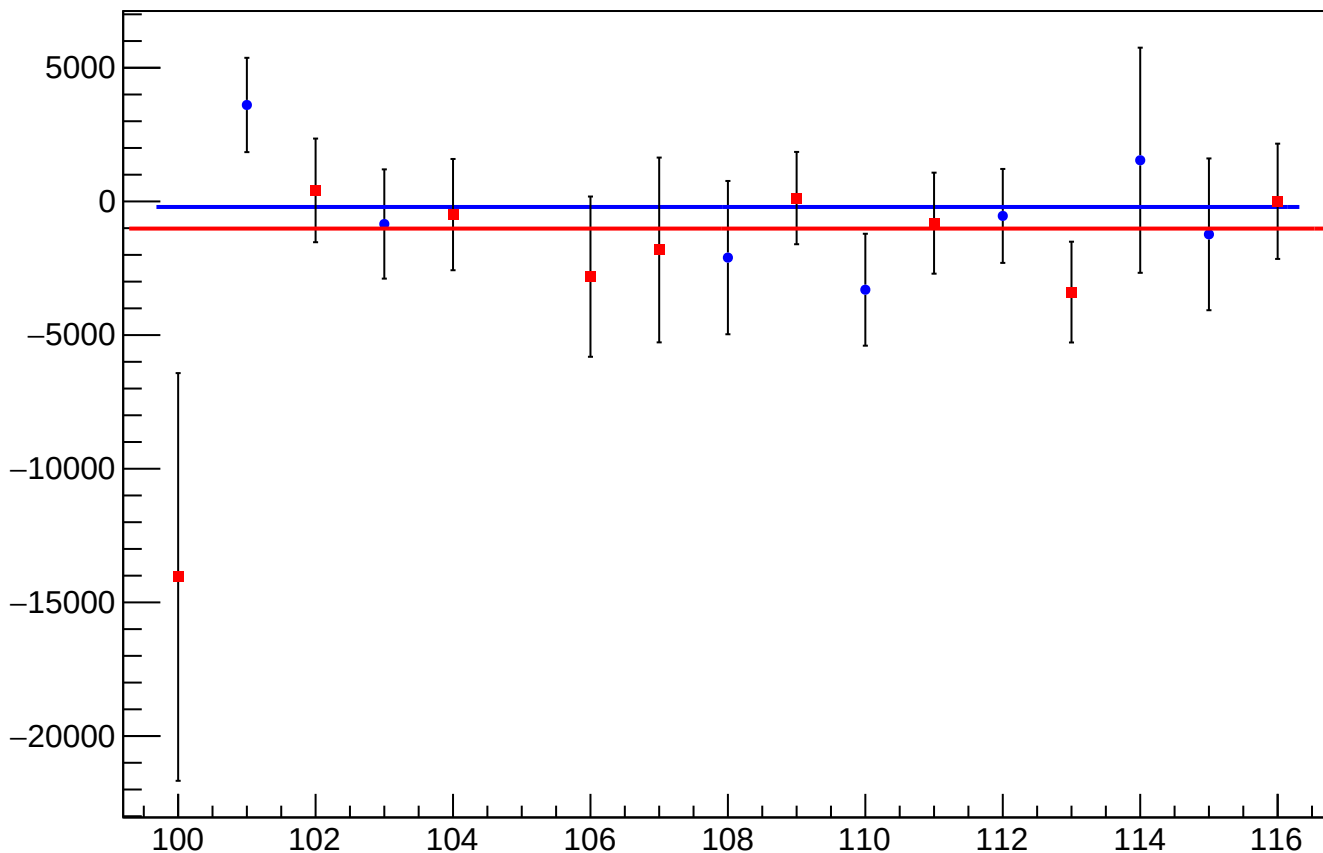
Right: 1394.914+/-0.396 χ^2/NDF : 206931.0/15

In: 1402.025+/-0.599 χ^2/NDF : 90980.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.914+/-0.396 χ^2/NDF : 206931.0/15

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -207.405+/-840.686 χ^2/NDF : 7.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1015.747+/-741.036 χ^2/NDF : 6.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

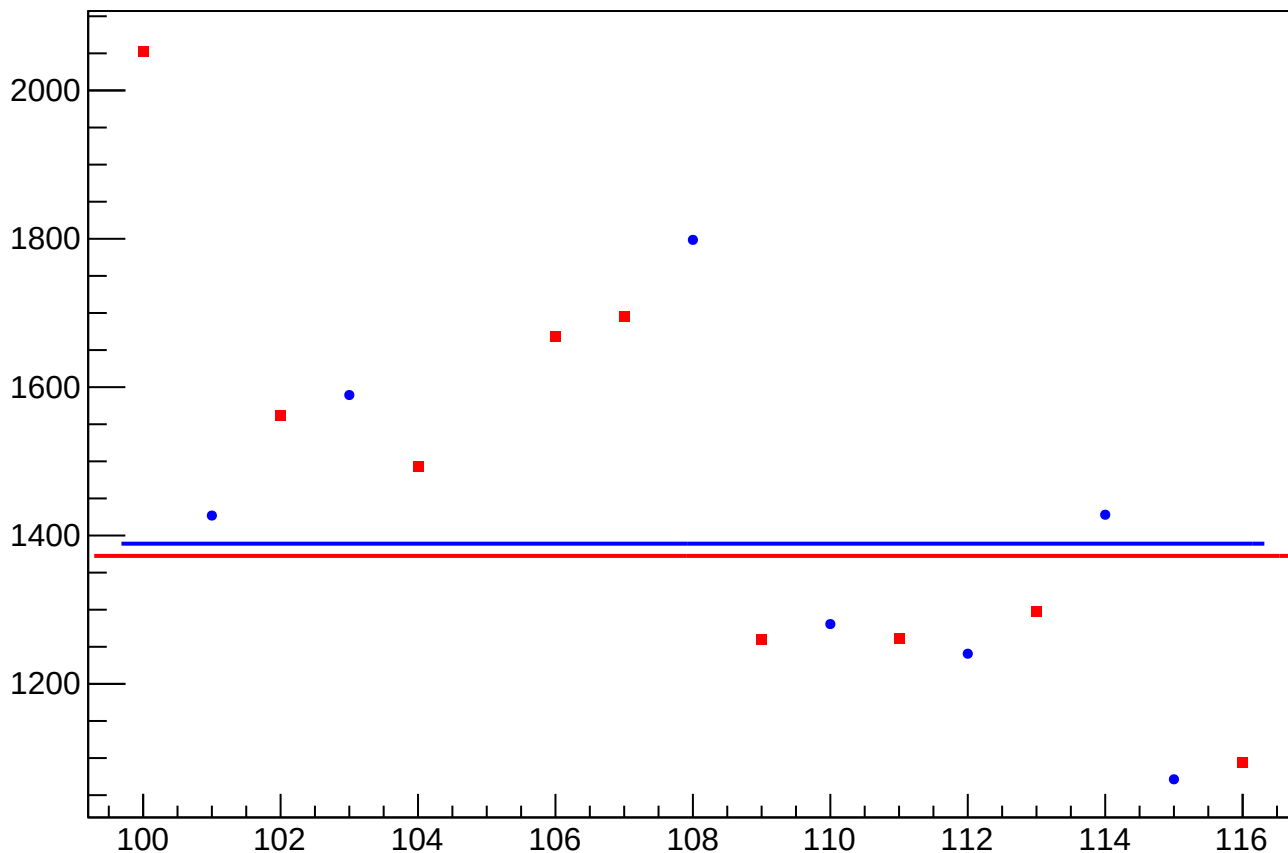
Right: -662.301+/-555.901 χ^2/NDF : 14.5/15

In: -207.405+/-840.686 χ^2/NDF : 7.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -662.301+/-555.901 χ^2/NDF : 14.5/15

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1389.014+/-0.594 χ^2/NDF : 105774.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.522+/-0.524 χ^2/NDF : 130570.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

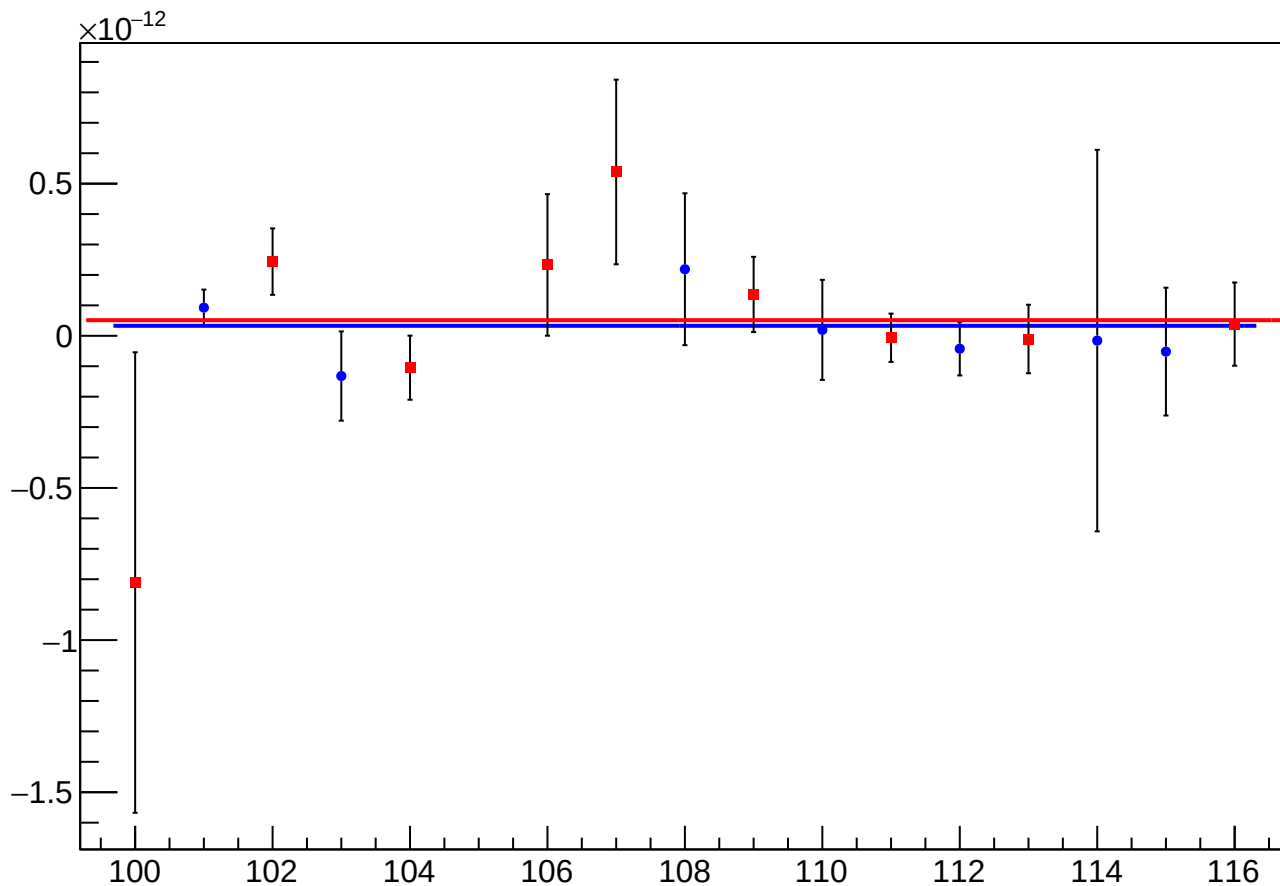
Right: 1379.733+/-0.393 χ^2/NDF : 236777.4/15

In: 1389.014+/-0.594 χ^2/NDF : 105774.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1379.733+/-0.393 χ^2/NDF : 236777.4/15

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

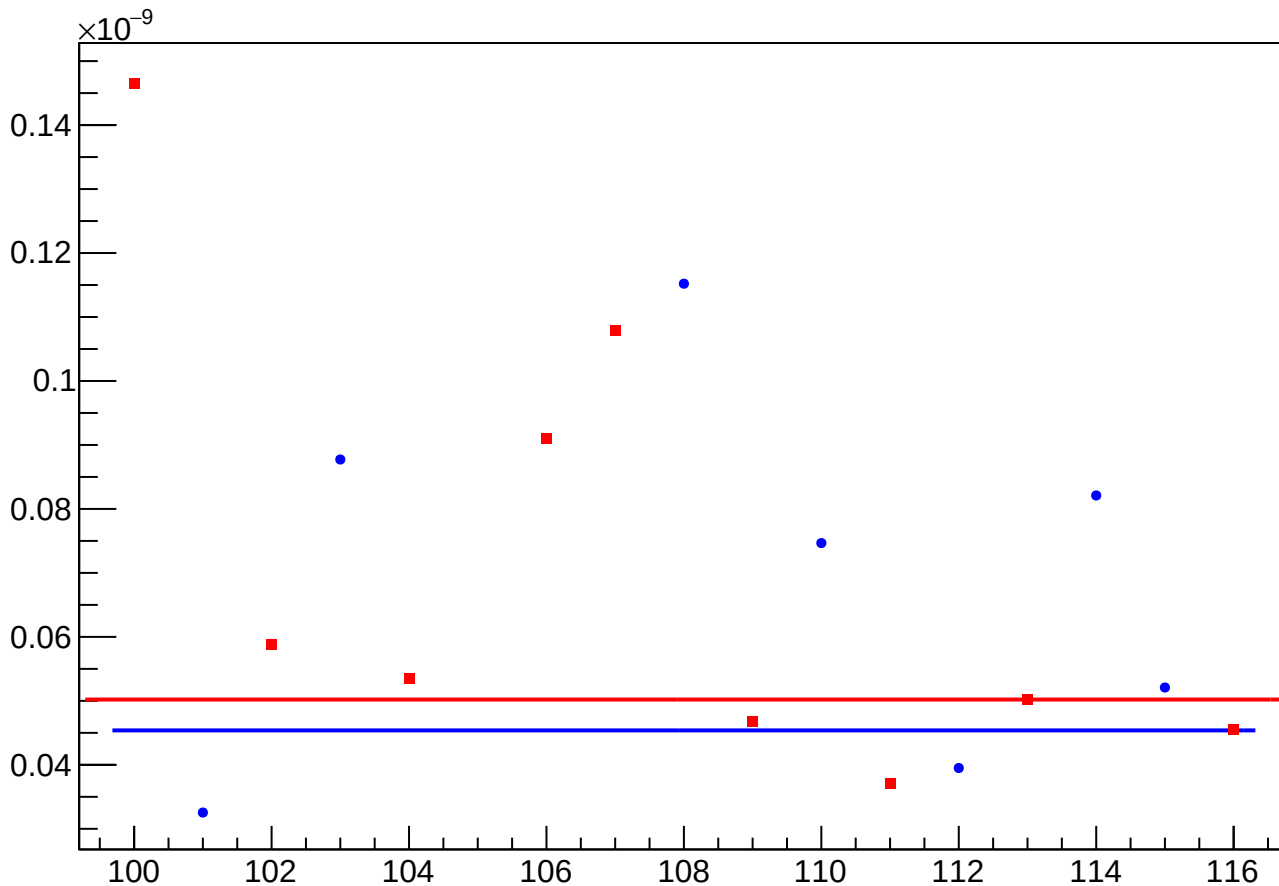
Right: 0.000+/-0.000 χ^2/NDF : 14.9/15

In: 0.000+/-0.000 χ^2/NDF : 3.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/15

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 498318.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 238738.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

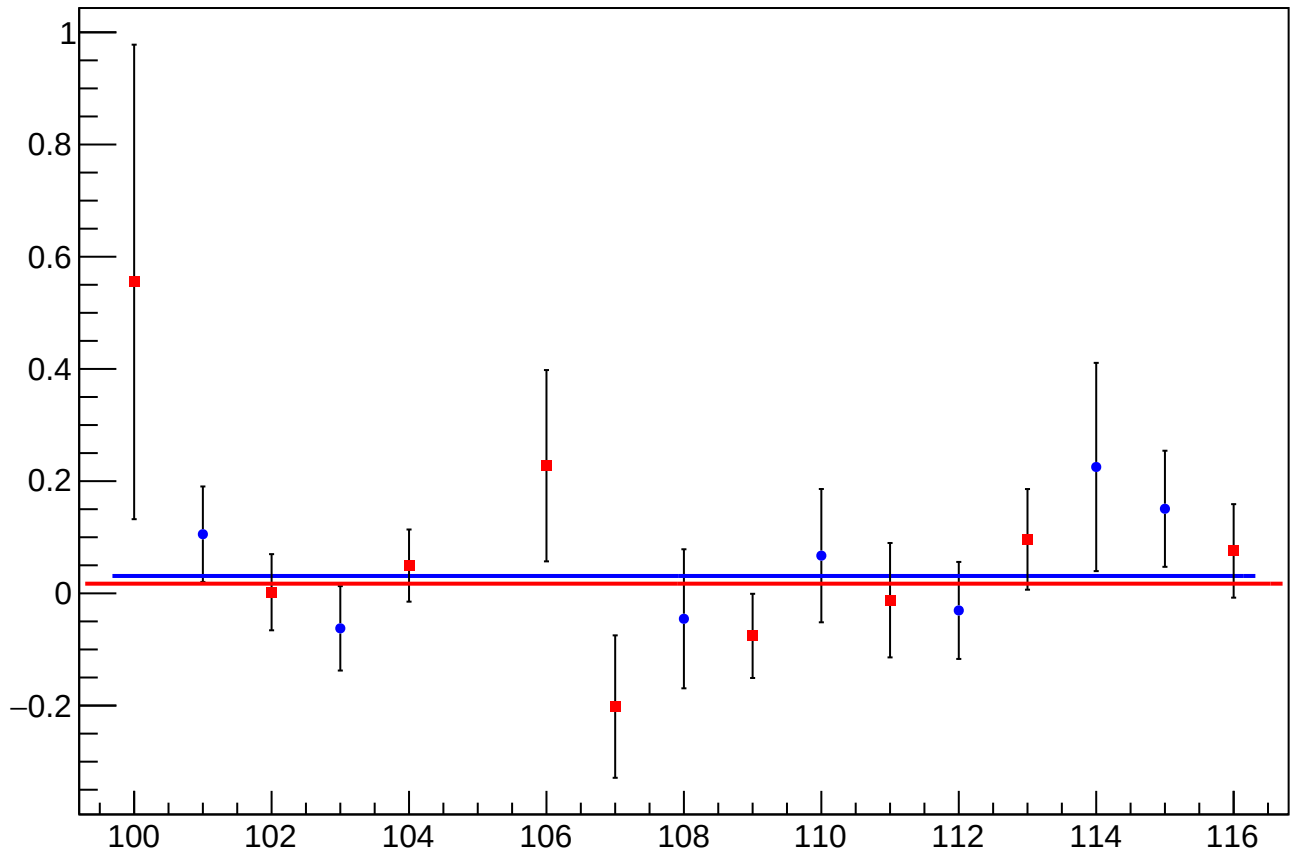
Right: 0.000+/-0.000 χ^2/NDF : 749847.1/15

In: 0.000+/-0.000 χ^2/NDF : 498318.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 749847.1/15

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.030 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

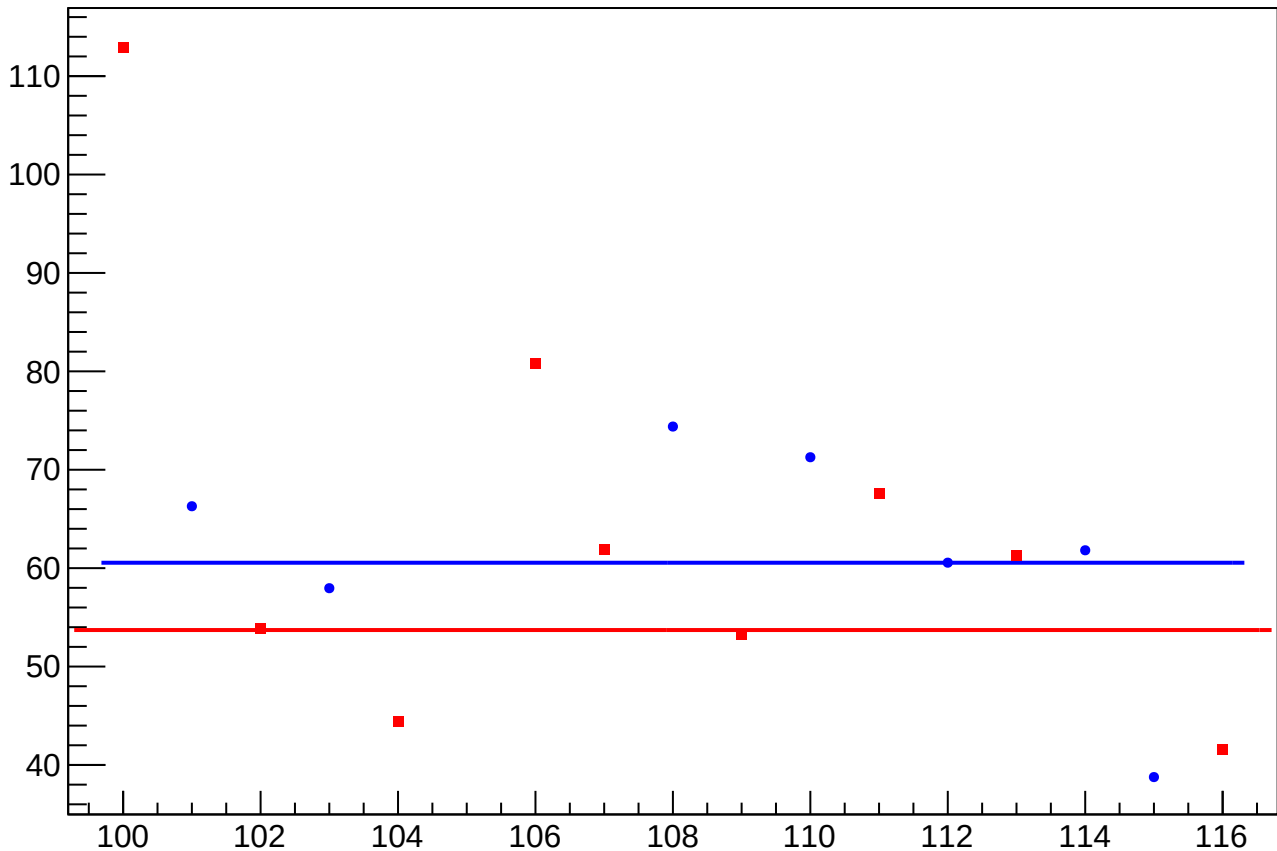
Right: 0.023+/-0.024 χ^2/NDF : 15.1/15

In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.024 χ^2/NDF : 15.1/15

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.551+/-0.027 χ^2/NDF : 141449.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.711+/-0.021 χ^2/NDF : 233322.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

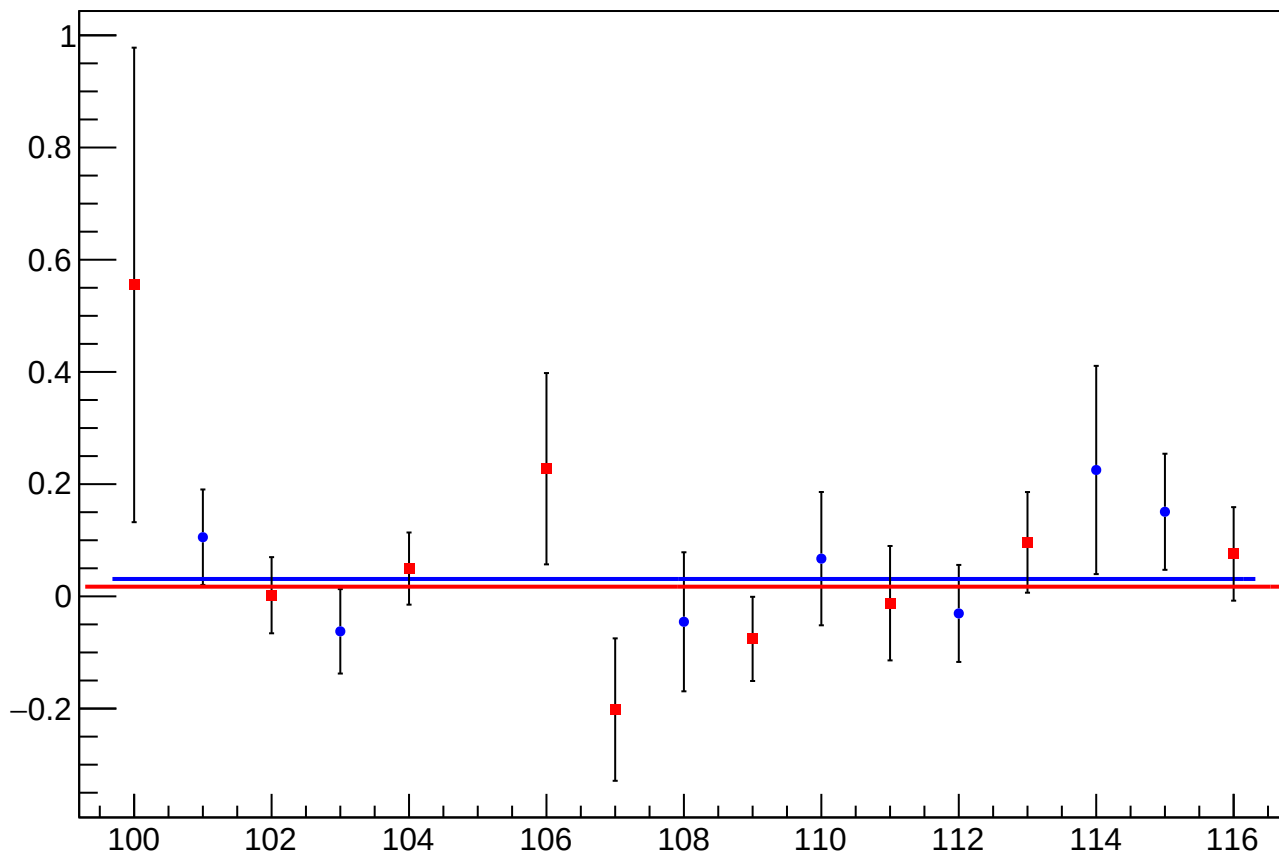
Right: 56.383+/-0.017 χ^2/NDF : 415084.8/15

In: 60.551+/-0.027 χ^2/NDF : 141449.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.383+/-0.017 χ^2/NDF : 415084.8/15

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.030 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

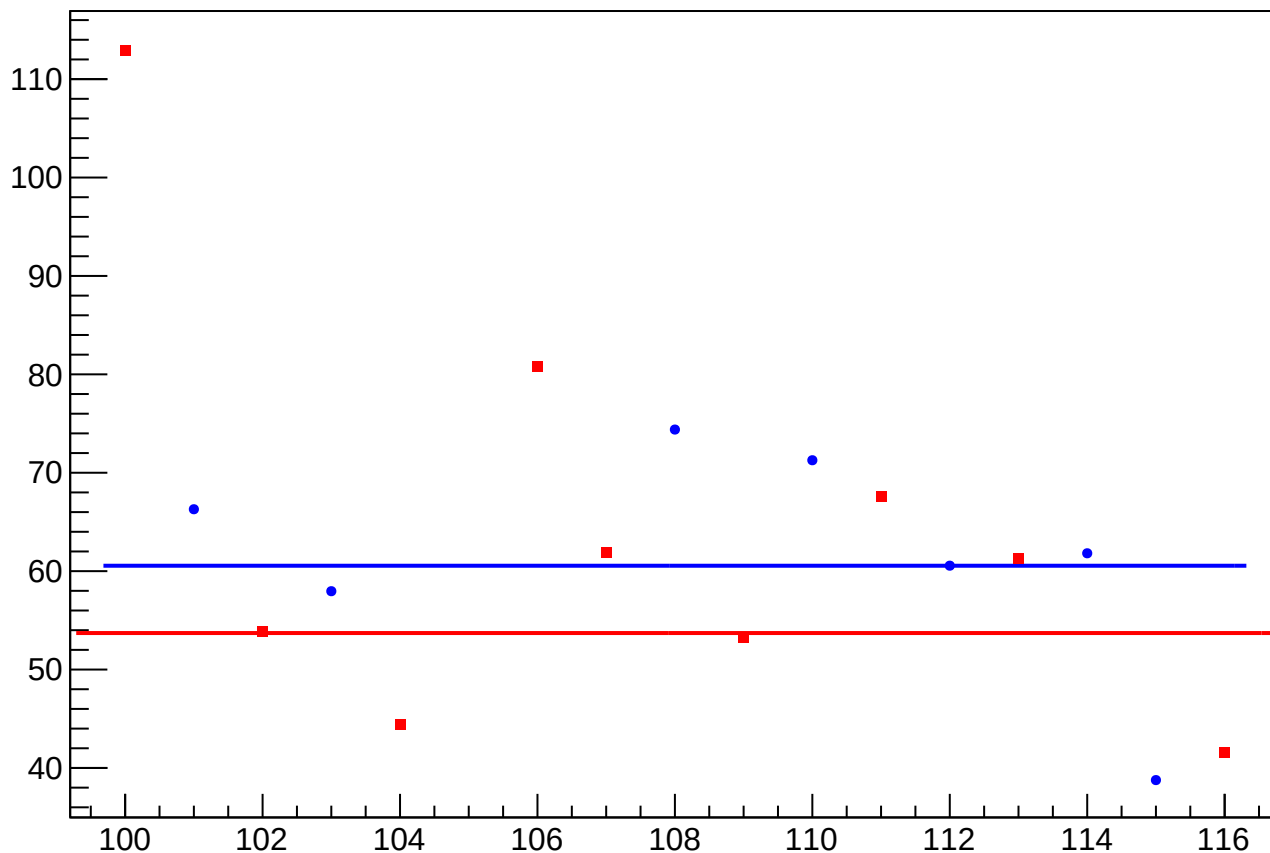
Right: 0.023+/-0.024 χ^2/NDF : 15.1/15

In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.024 χ^2/NDF : 15.1/15

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.551+/-0.027 χ^2/NDF : 141449.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.711+/-0.021 χ^2/NDF : 233322.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

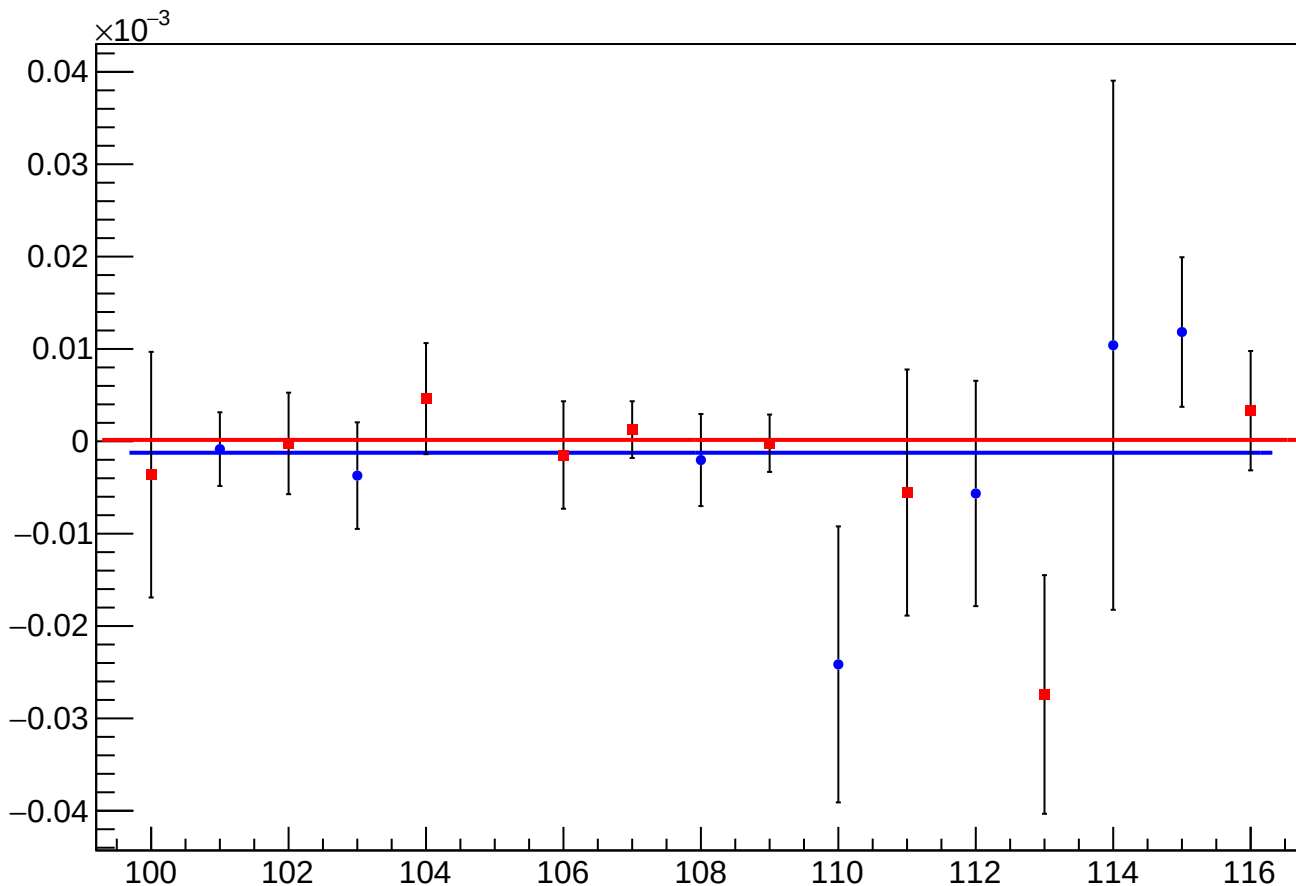
Right: 56.383+/-0.017 χ^2/NDF : 415084.8/15

In: 60.551+/-0.027 χ^2/NDF : 141449.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.383+/-0.017 χ^2/NDF : 415084.8/15

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

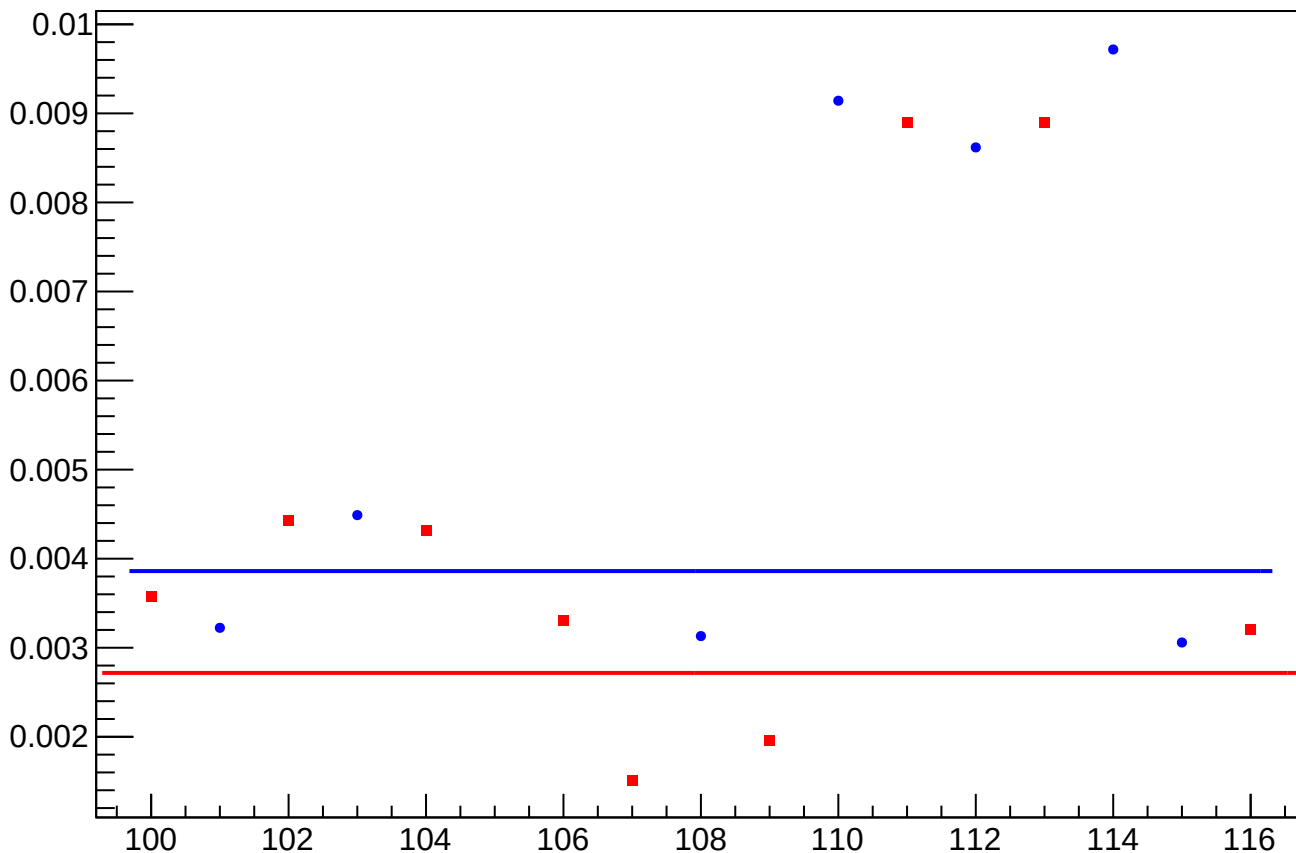
Right: -0.000+/-0.000 χ^2/NDF : 11.5/15

In: -0.000+/-0.000 χ^2/NDF : 5.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/15

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 774828.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1691864.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

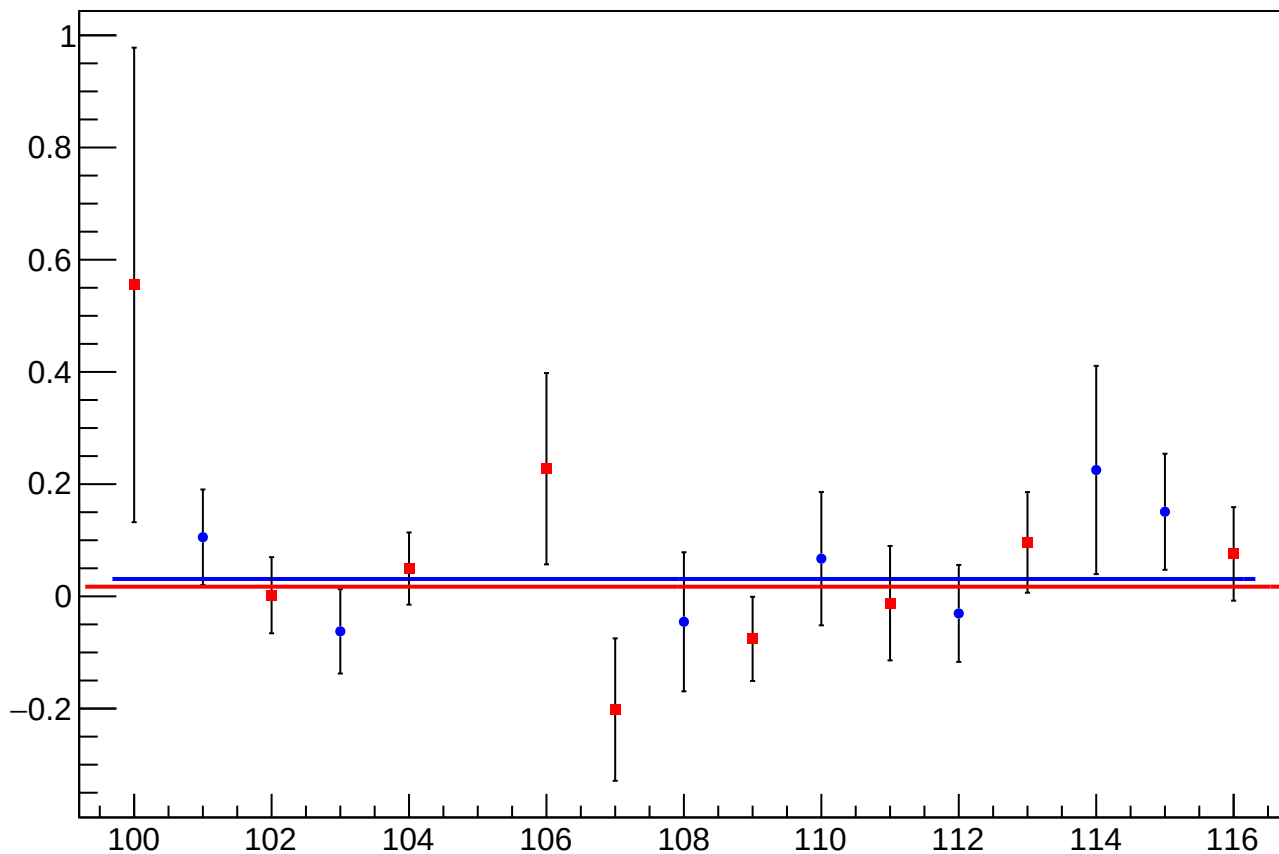
Right: 0.003+/-0.000 χ^2/NDF : 2752397.3/15

In: 0.004+/-0.000 χ^2/NDF : 774828.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2752397.3/15

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.030 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

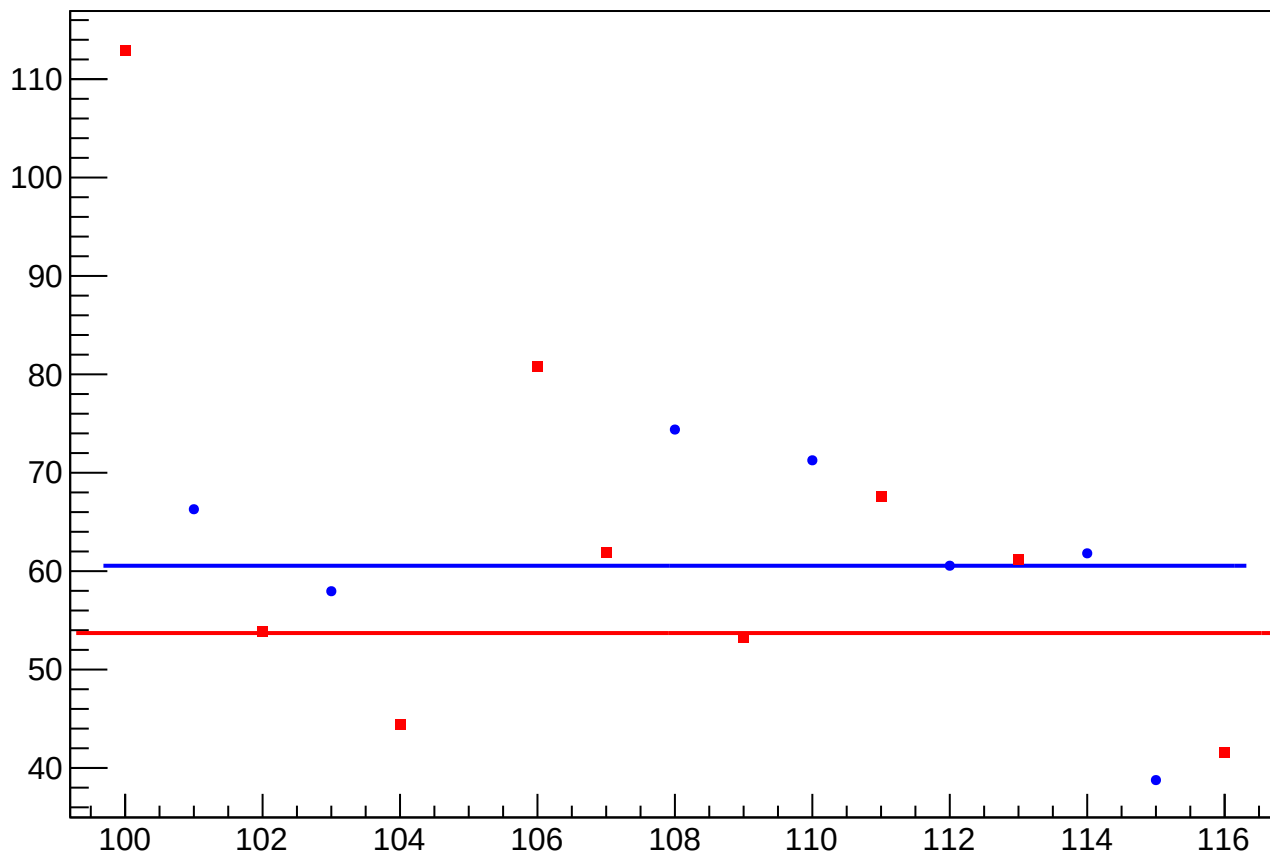
Right: 0.023+/-0.024 χ^2/NDF : 15.1/15

In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.024 χ^2/NDF : 15.1/15

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.549 $\pm$ 0.027 χ^2 /NDF: 141434.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.710 $\pm$ 0.021 χ^2 /NDF: 233272.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

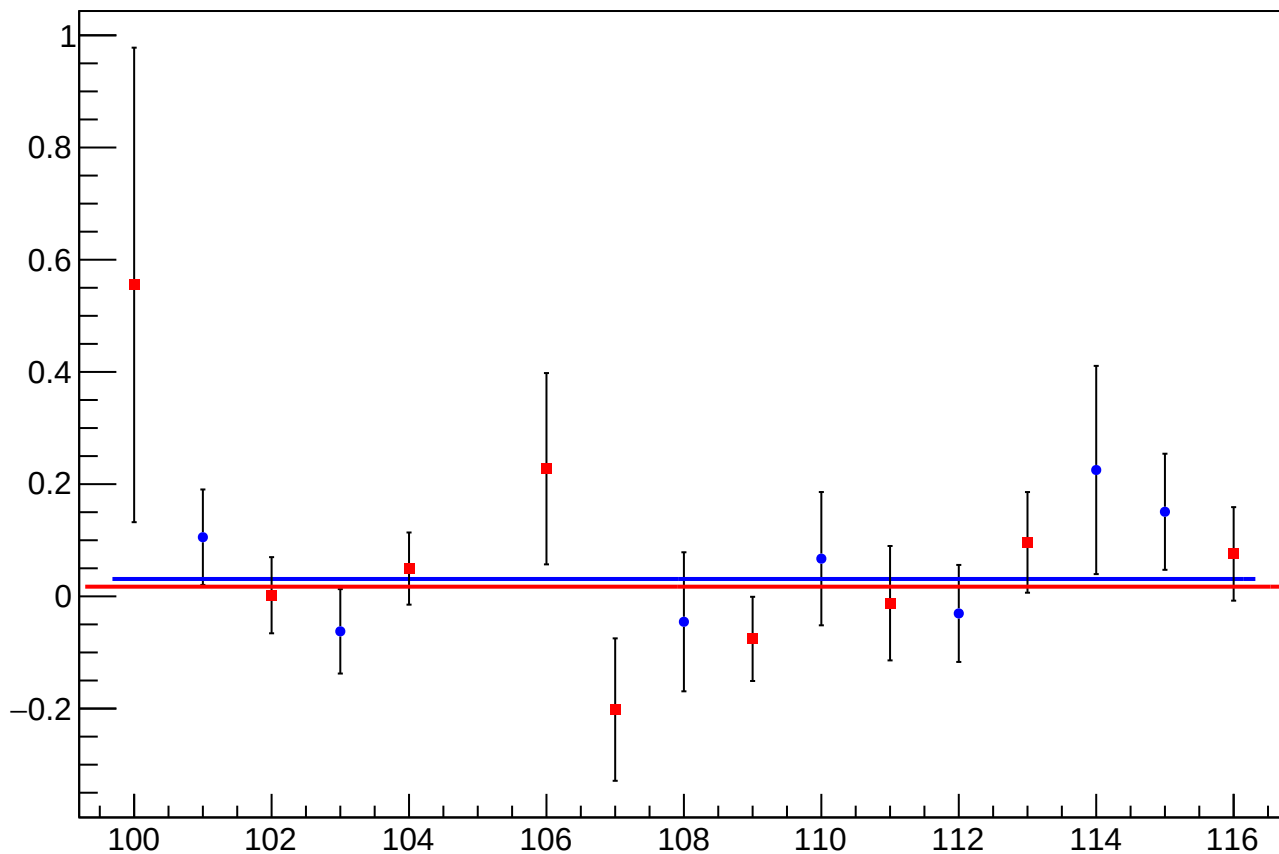
Right: 56.382 $\pm$ 0.017 χ^2 /NDF: 415014.6/15

In: 60.549 $\pm$ 0.027 χ^2 /NDF:141434.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.382 $\pm$ 0.017 χ^2 /NDF: 415014.6/15

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.030 χ^2/NDF : 9.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

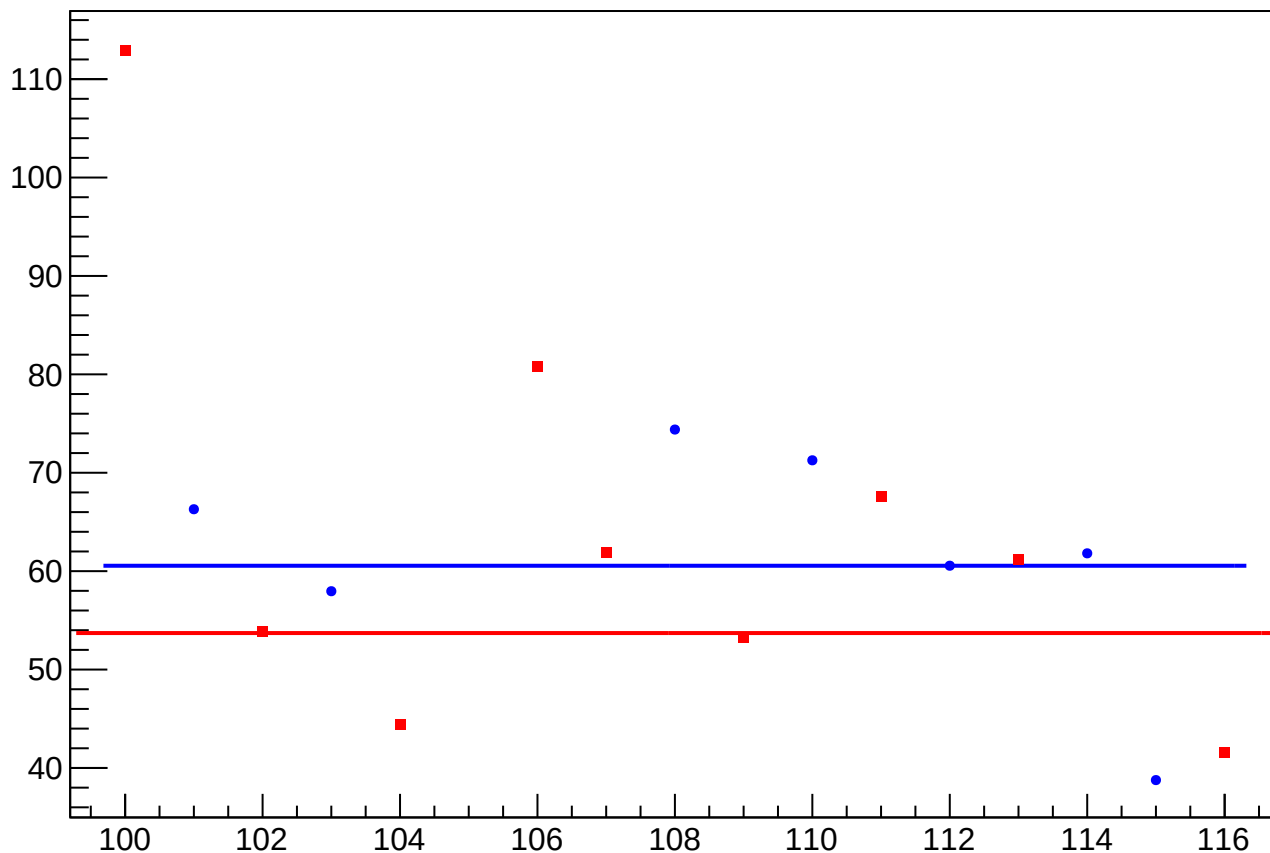
Right: 0.023+/-0.024 χ^2/NDF : 15.1/15

In: 0.031+/-0.038 χ^2/NDF : 5.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.024 χ^2/NDF : 15.1/15

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.549+/-0.027 χ^2/NDF : 141434.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.710+/-0.021 χ^2/NDF : 233272.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

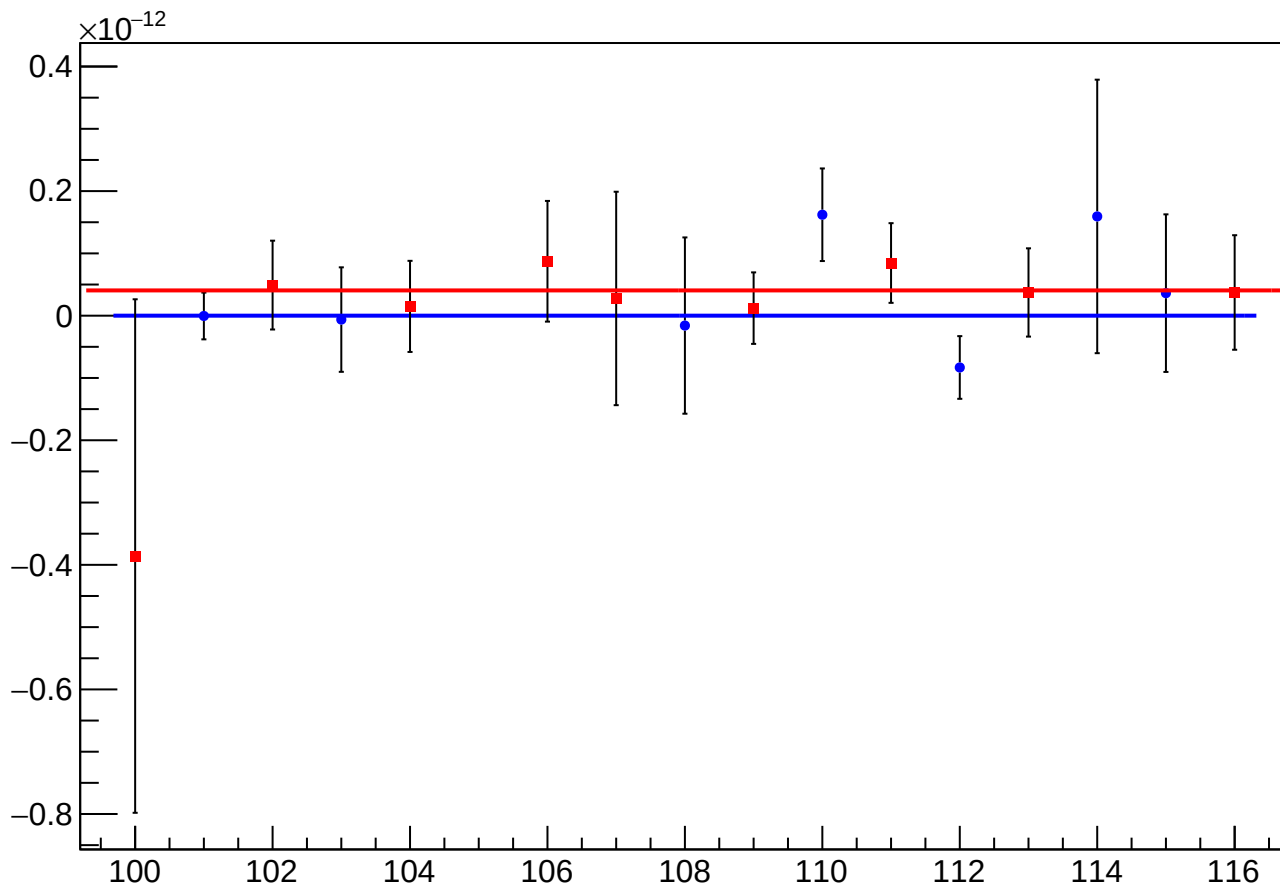
Right: 56.382+/-0.017 χ^2/NDF : 415014.6/15

In: 60.549+/-0.027 χ^2/NDF : 141434.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.382+/-0.017 χ^2/NDF : 415014.6/15

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

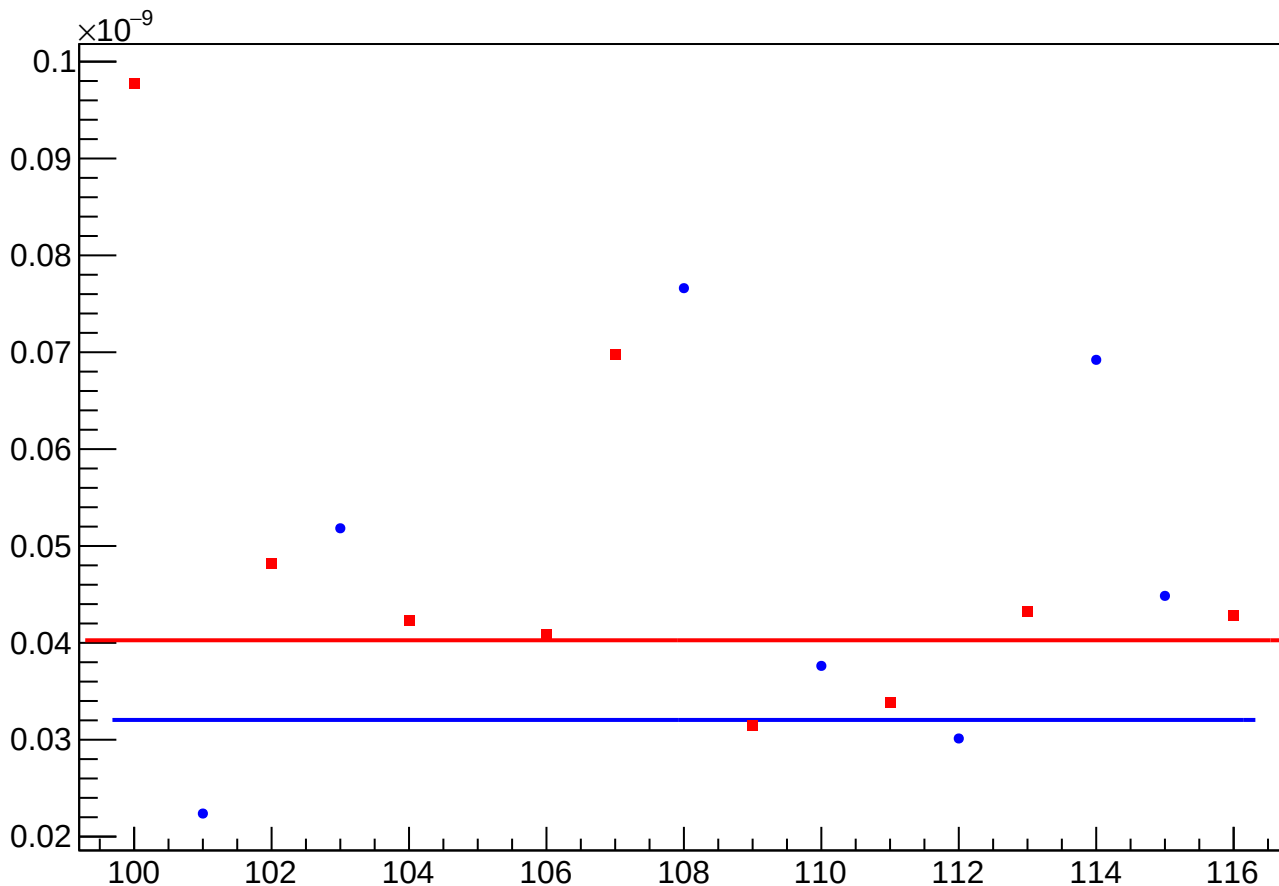
Right: 0.000+/-0.000 χ^2/NDF : 11.5/15

In: 0.000+/-0.000 χ^2/NDF : 8.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/15

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 534363.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 196588.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

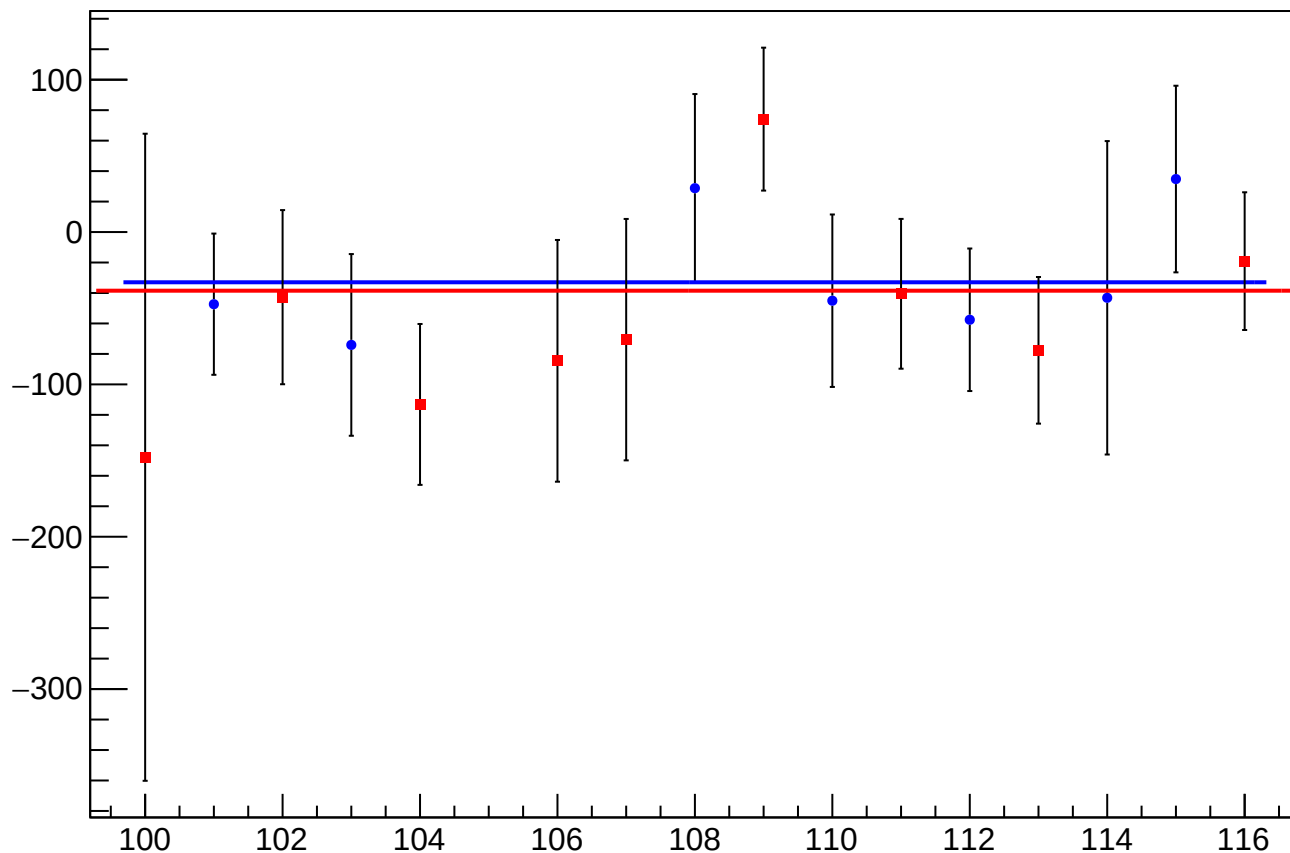
Right: 0.000+/-0.000 χ^2/NDF : 830630.0/15

In: 0.000+/-0.000 χ^2/NDF : 534363.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 830630.0/15

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -32.973 ± 21.622 χ^2/NDF : 3.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.496 ± 18.917 χ^2/NDF : 9.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

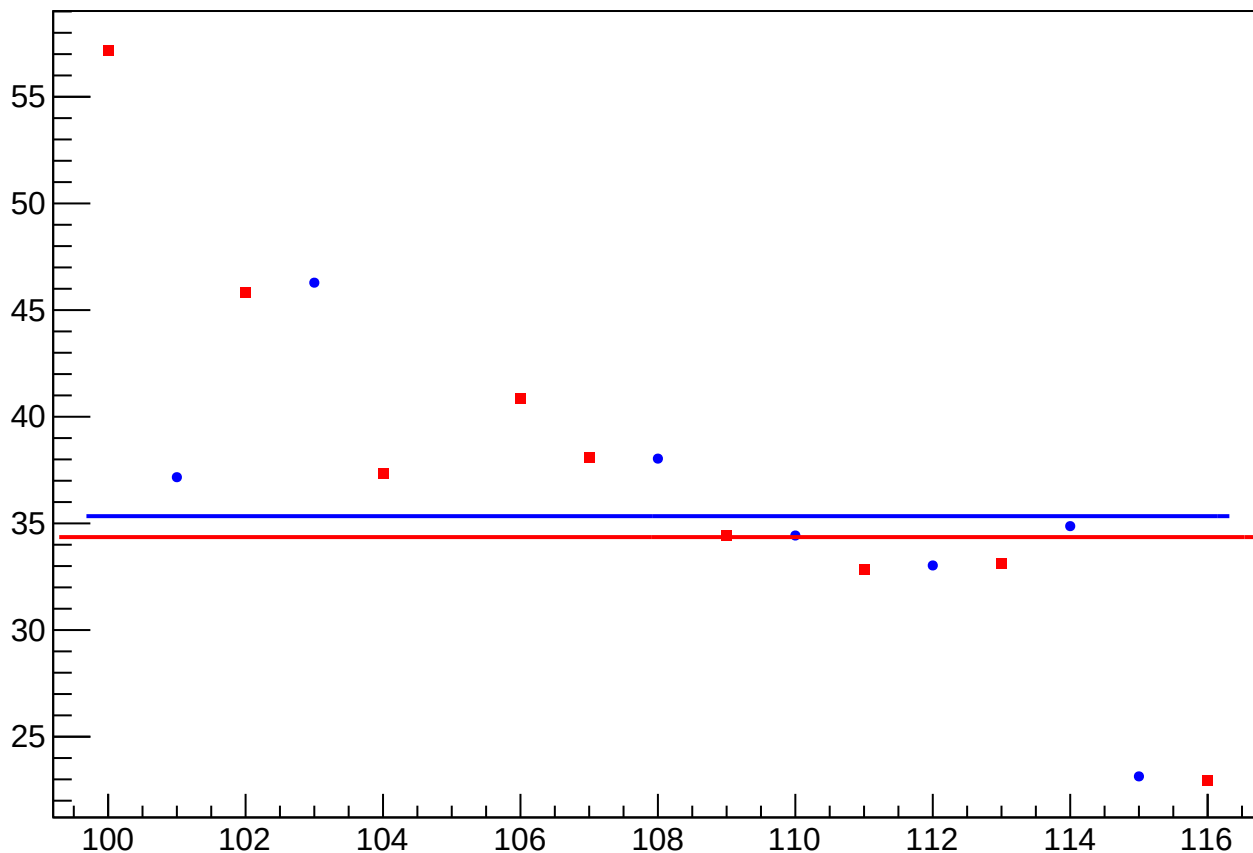
Right: -36.101 ± 14.237 χ^2/NDF : 12.5/15

In: -32.973 ± 21.622 χ^2/NDF : 3.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.101 ± 14.237 χ^2/NDF : 12.5/15

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 35.339+/-0.015 χ^2/NDF : 159084.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.358+/-0.013 χ^2/NDF : 258188.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

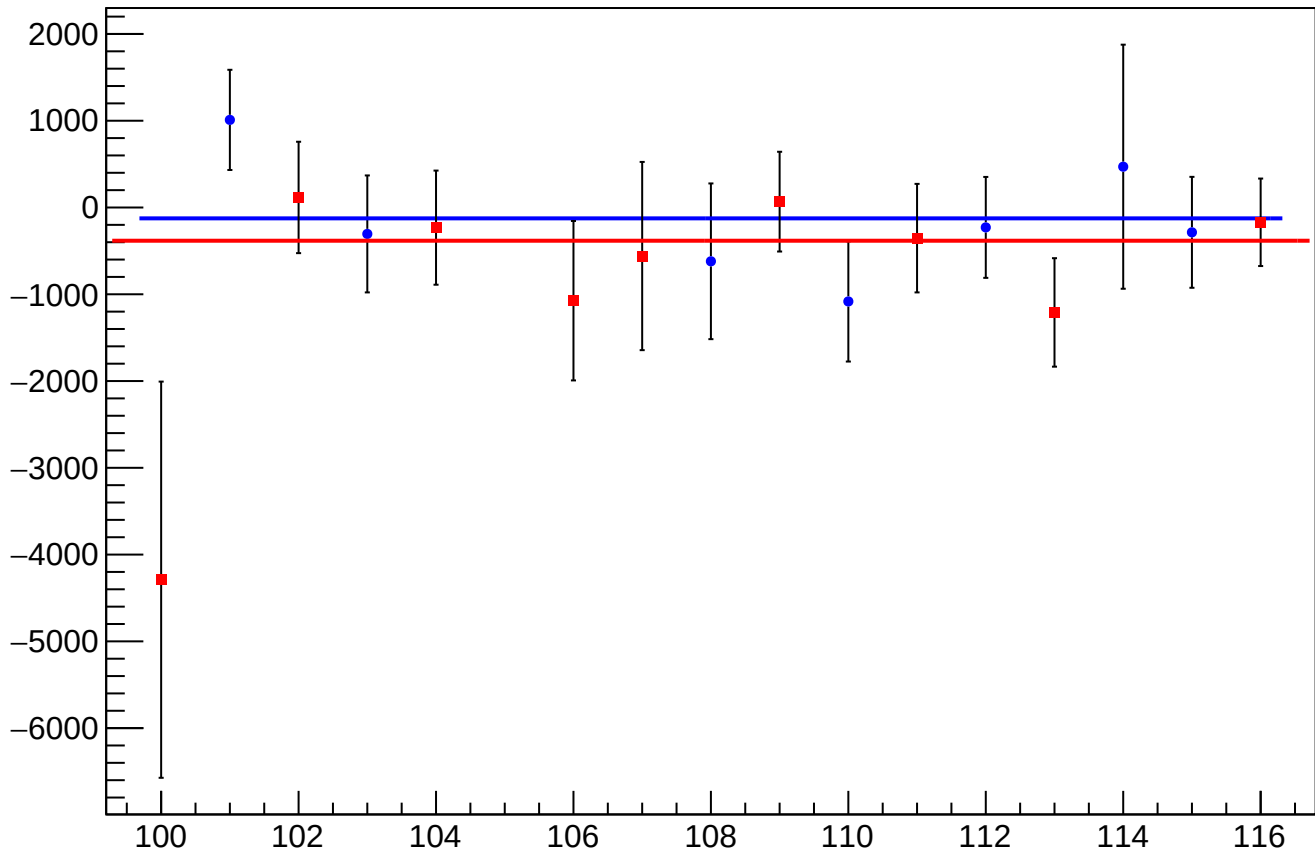
Right: 34.784+/-0.010 χ^2/NDF : 419605.2/15

In: 35.339+/-0.015 χ^2/NDF : 159084.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.784+/-0.010 χ^2/NDF : 419605.2/15

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -125.160 $\pm$ 263.174 χ^2 /NDF: 6.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -382.895 $\pm$ 229.152 χ^2 /NDF: 6.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

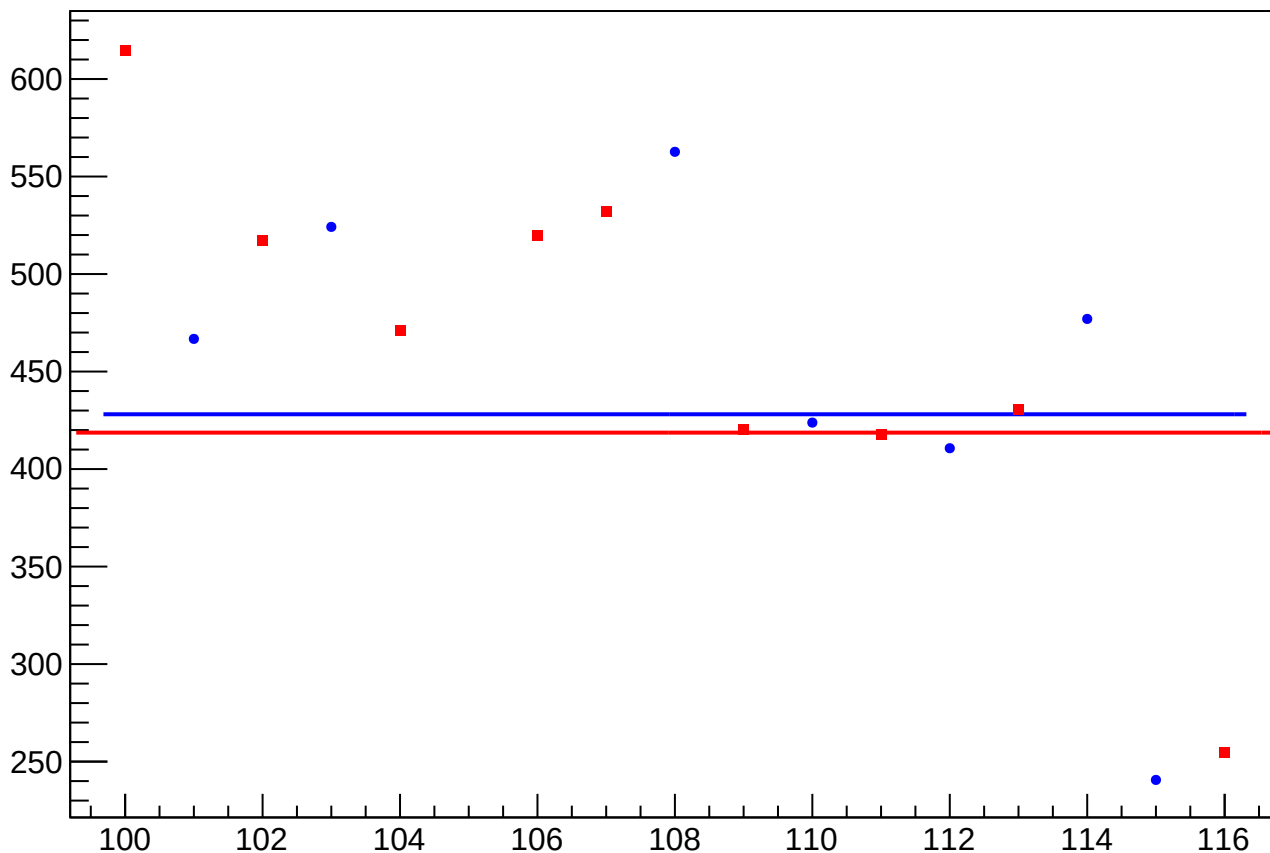
Right: -271.754 $\pm$ 172.820 χ^2 /NDF: 13.7/15

In: -125.160 $\pm$ 263.174 χ^2 /NDF:6.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -271.754 $\pm$ 172.820 χ^2 /NDF: 13.7/15

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 428.098+/-0.186 χ^2/NDF : 271002.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.680+/-0.162 χ^2/NDF : 332388.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

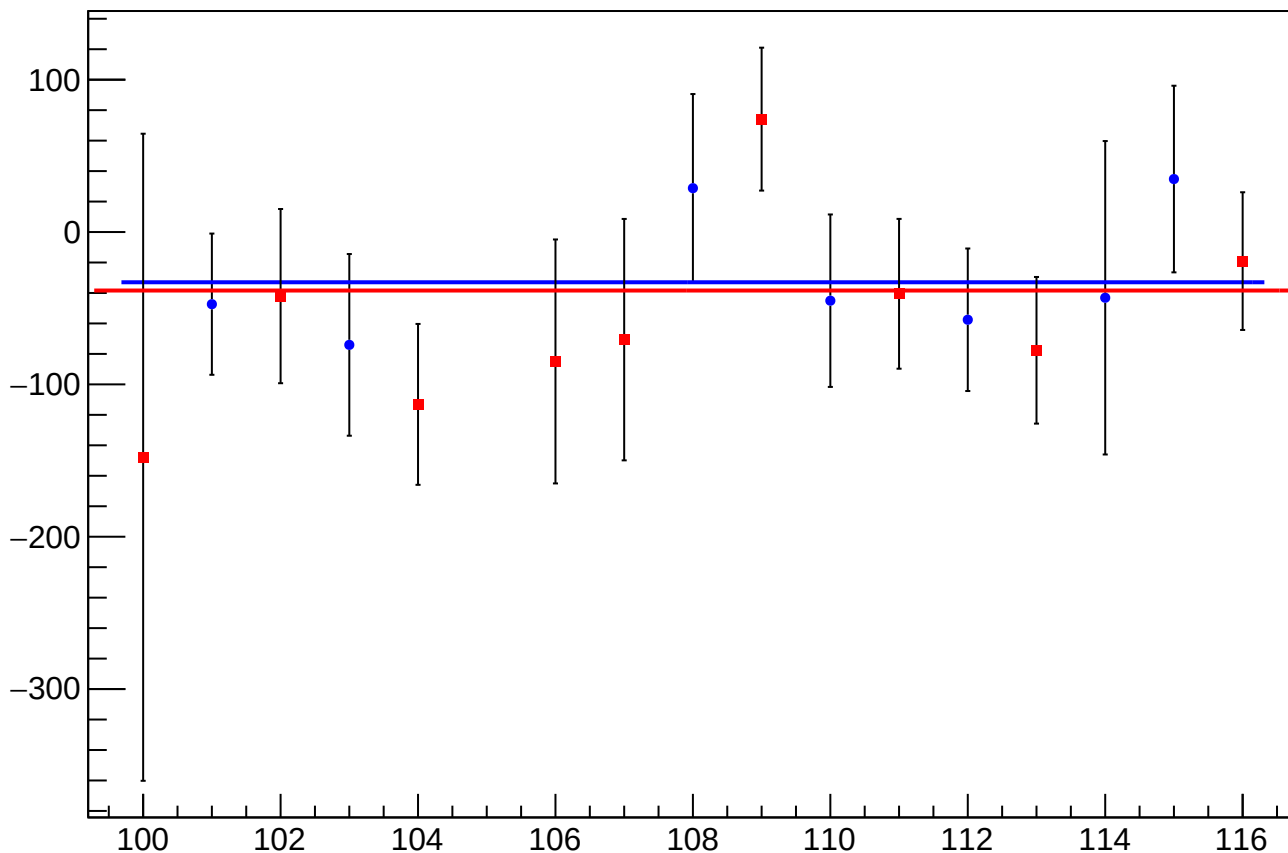
Right: 422.741+/-0.122 χ^2/NDF : 604848.1/15

In: 428.098+/-0.186 χ^2/NDF : 271002.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.741+/-0.122 χ^2/NDF : 604848.1/15

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -32.969 $\pm$ 21.622 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.390 $\pm$ 18.928 χ^2 /NDF: 9.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

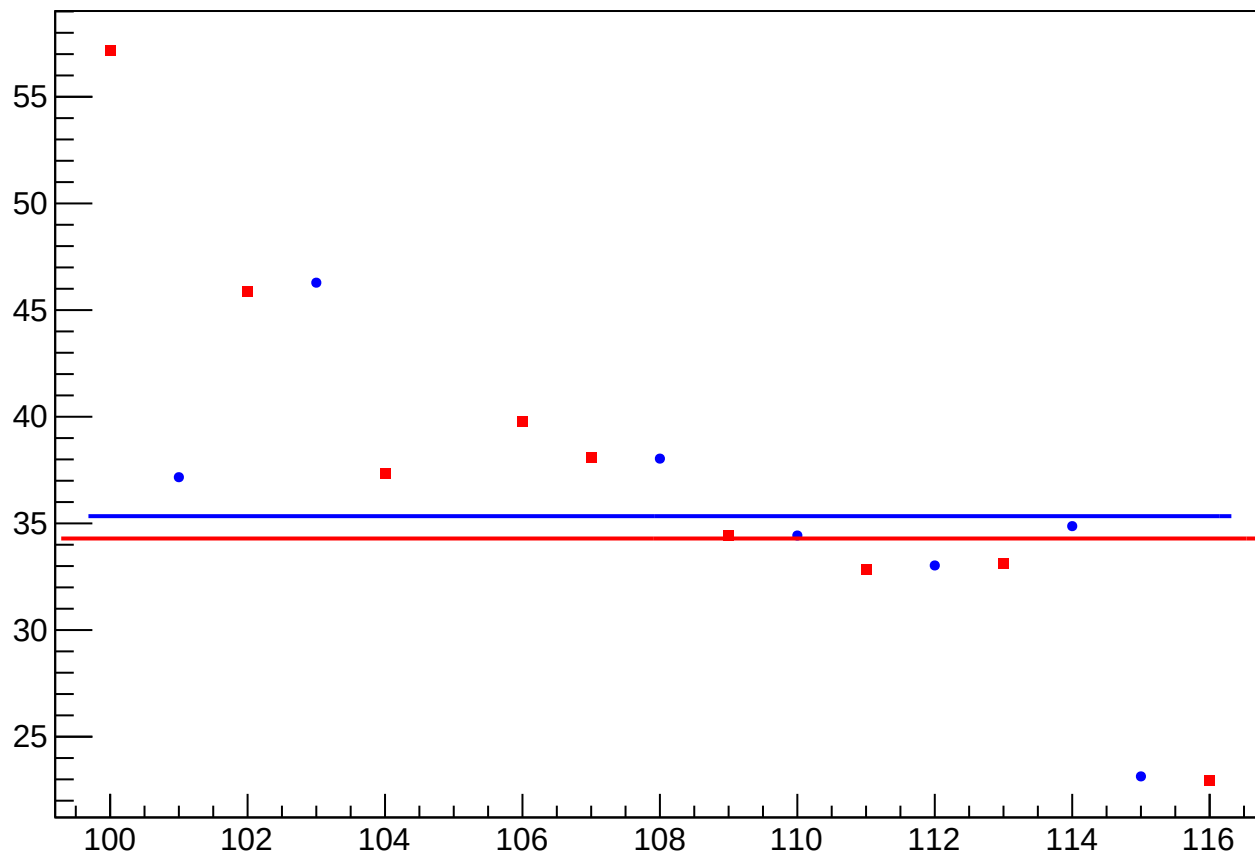
Right: -36.039 $\pm$ 14.242 χ^2 /NDF: 12.5/15

In: -32.969 $\pm$ 21.622 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.039 $\pm$ 14.242 χ^2 /NDF: 12.5/15

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 35.339+/-0.015 χ^2/NDF : 159086.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.292+/-0.013 χ^2/NDF : 254094.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

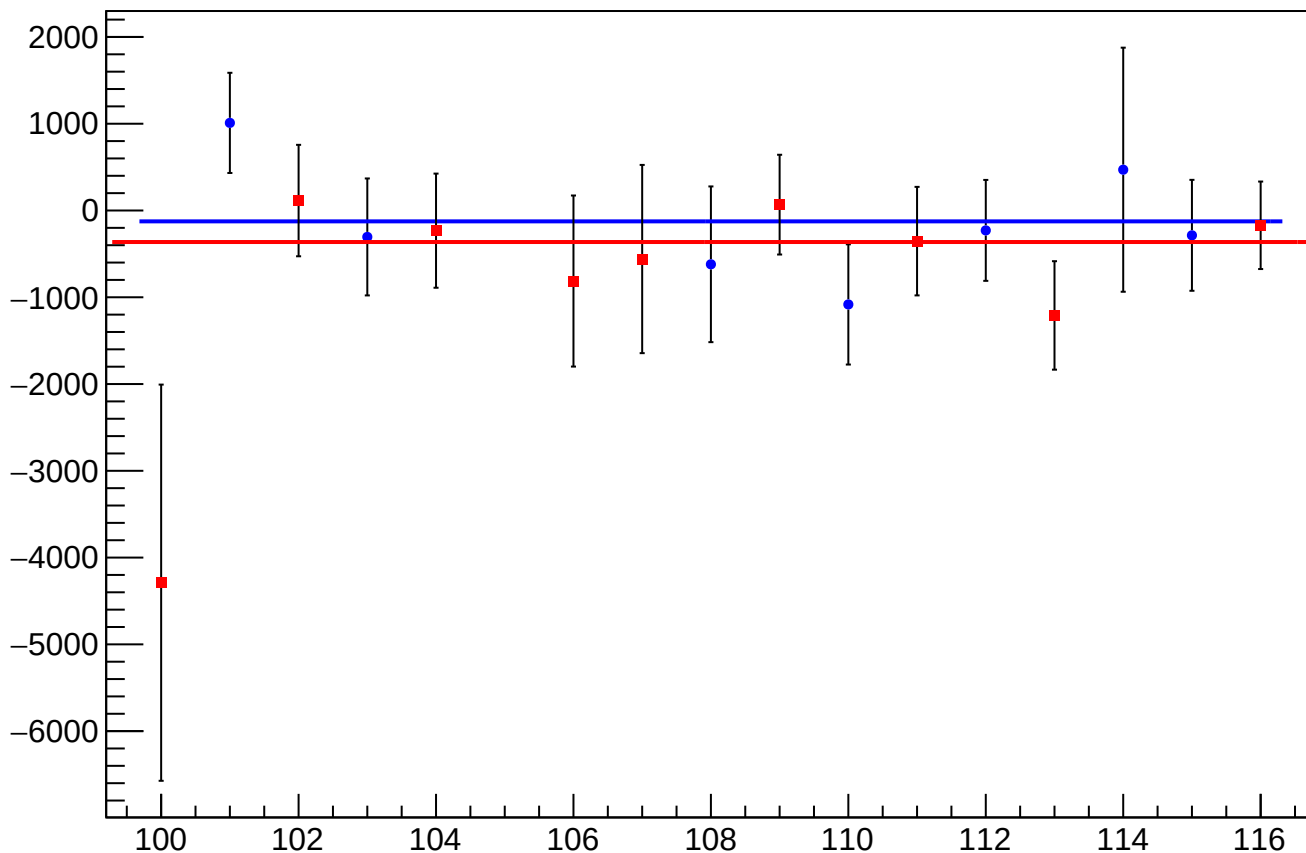
Right: 34.746+/-0.010 χ^2/NDF : 415839.0/15

In: 35.339+/-0.015 χ^2/NDF : 159086.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.746+/-0.010 χ^2/NDF : 415839.0/15

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -125.193+/-263.176 χ^2/NDF : 6.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -363.212+/-230.110 χ^2/NDF : 6.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

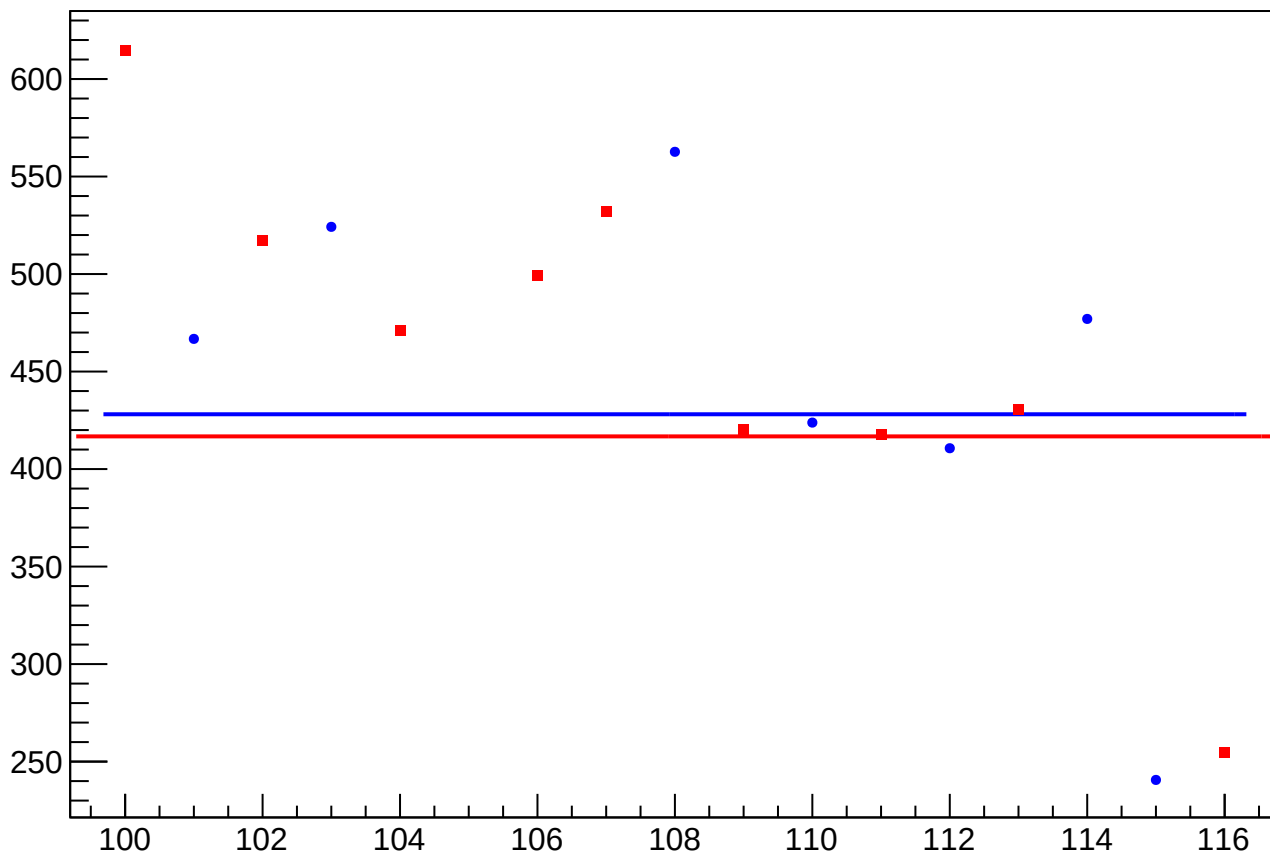
Right: -260.086+/-173.231 χ^2/NDF : 13.2/15

In: -125.193+/-263.176 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.086+/-173.231 χ^2/NDF : 13.2/15

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 428.099+/-0.186 χ^2/NDF : 271024.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.756+/-0.163 χ^2/NDF : 321623.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

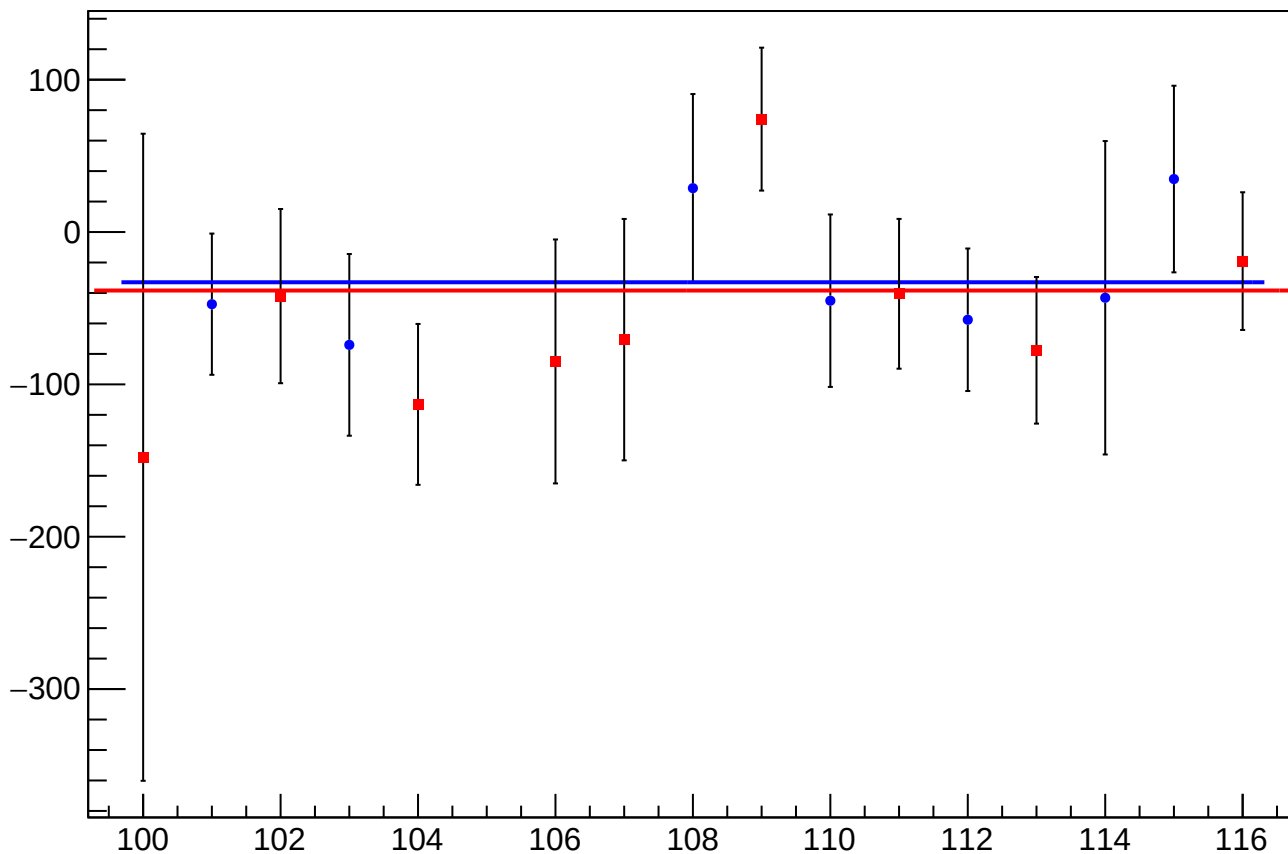
Right: 421.671+/-0.122 χ^2/NDF : 594753.7/15

In: 428.099+/-0.186 χ^2/NDF : 271024.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.671+/-0.122 χ^2/NDF : 594753.7/15

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -32.969+/-21.622 χ^2/NDF : 3.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.390+/-18.928 χ^2/NDF : 9.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

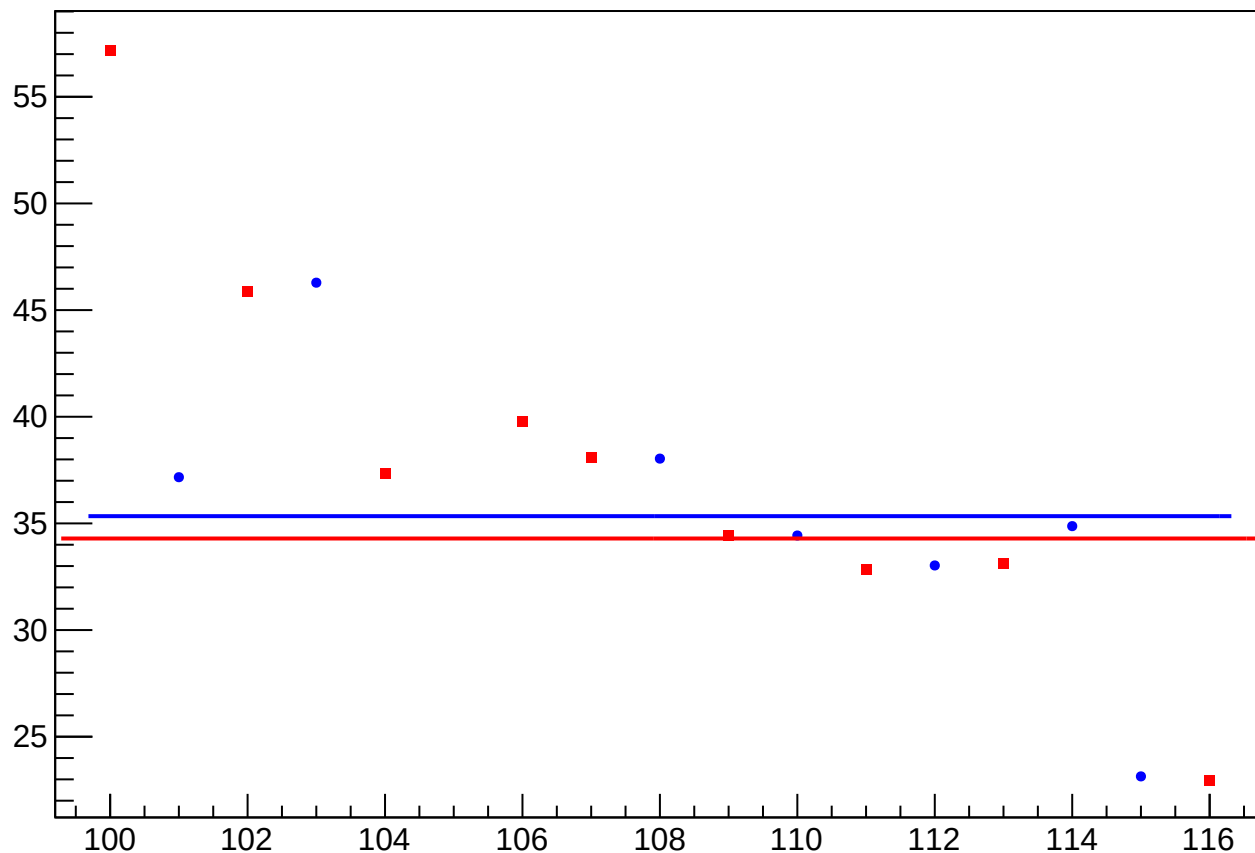
Right: -36.039+/-14.242 χ^2/NDF : 12.5/15

In: -32.969+/-21.622 χ^2/NDF : 3.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.039+/-14.242 χ^2/NDF : 12.5/15

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 35.339+/-0.015 χ^2/NDF : 159086.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.292+/-0.013 χ^2/NDF : 254094.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

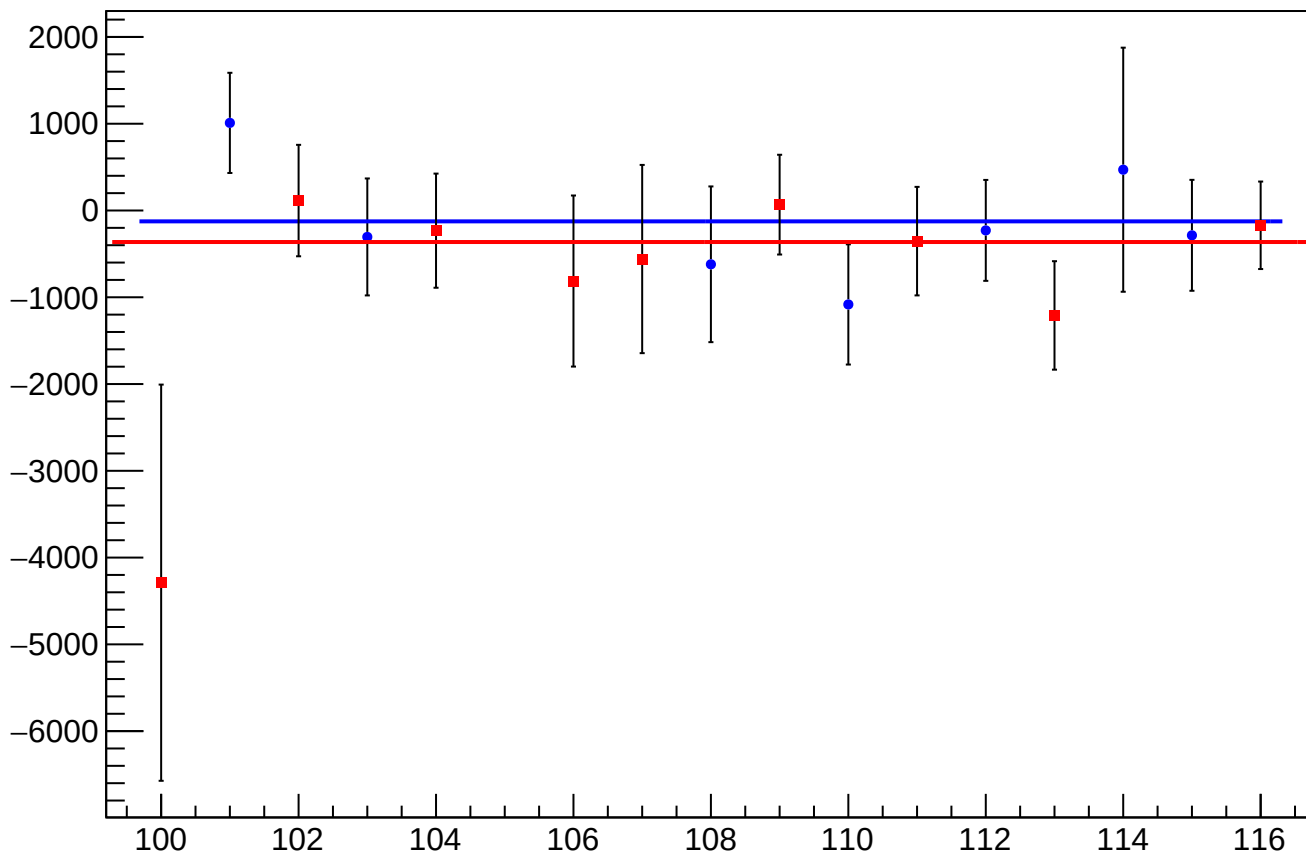
Right: 34.746+/-0.010 χ^2/NDF : 415839.0/15

In: 35.339+/-0.015 χ^2/NDF : 159086.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.746+/-0.010 χ^2/NDF : 415839.0/15

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -125.193+/-263.176 χ^2/NDF : 6.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -363.212+/-230.110 χ^2/NDF : 6.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

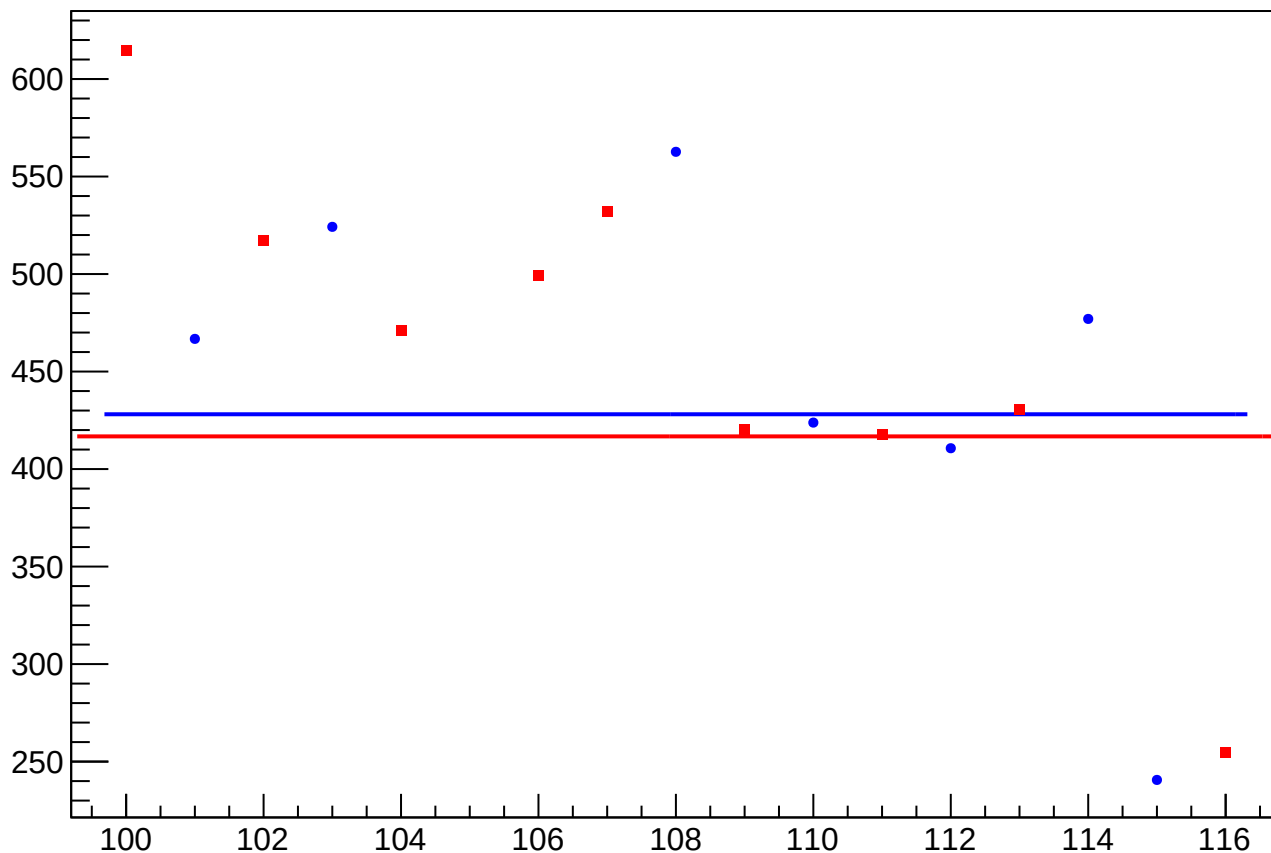
Right: -260.086+/-173.231 χ^2/NDF : 13.2/15

In: -125.193+/-263.176 χ^2/NDF : 6.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.086+/-173.231 χ^2/NDF : 13.2/15

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 428.099+/-0.186 χ^2/NDF : 271024.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.756+/-0.163 χ^2/NDF : 321623.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

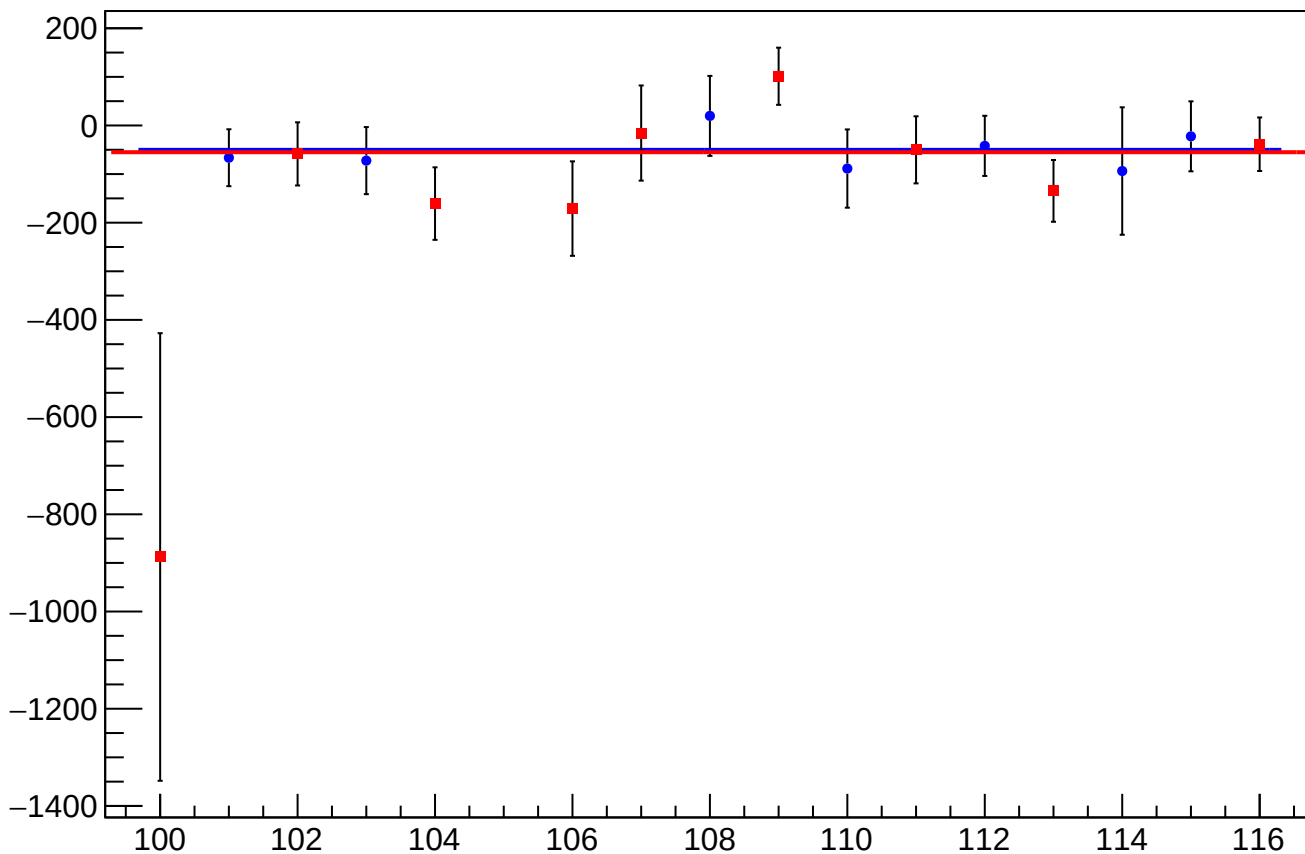
Right: 421.671+/-0.122 χ^2/NDF : 594753.7/15

In: 428.099+/-0.186 χ^2/NDF : 271024.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.671+/-0.122 χ^2/NDF : 594753.7/15

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -50.176 $\pm$ 27.565 χ^2 /NDF: 1.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.006 $\pm$ 24.197 χ^2 /NDF: 15.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

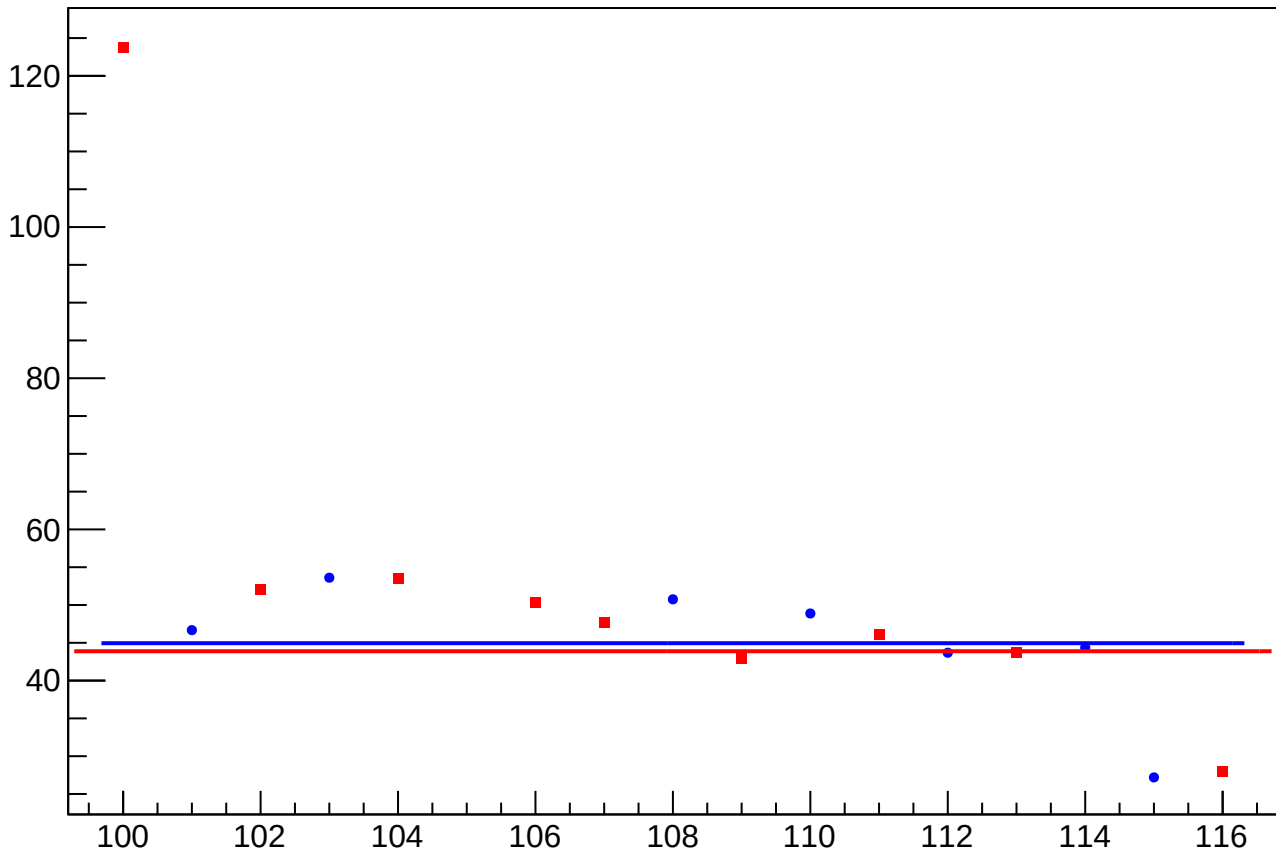
Right: -52.904 $\pm$ 18.185 χ^2 /NDF: 17.0/15

In: -50.176 $\pm$ 27.565 χ^2 /NDF:1.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -52.904 $\pm$ 18.185 χ^2 /NDF: 17.0/15

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 44.946 $\pm$ 0.019 χ^2 /NDF: 170555.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.882 $\pm$ 0.017 χ^2 /NDF: 306435.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

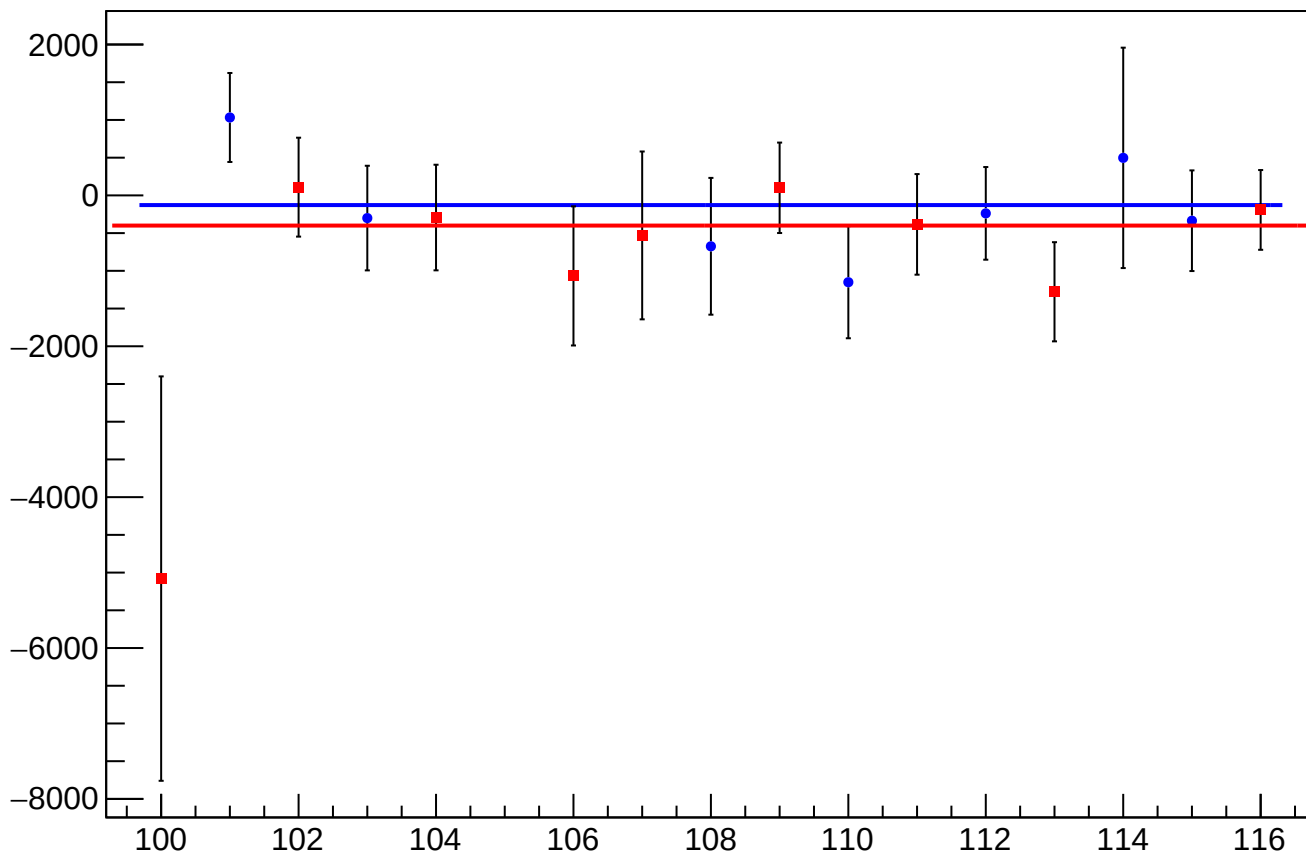
Right: 44.345 $\pm$ 0.013 χ^2 /NDF: 478672.6/15

In: 44.946 $\pm$ 0.019 χ^2 /NDF:170555.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.345 $\pm$ 0.013 χ^2 /NDF: 478672.6/15

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -128.395+/-273.709 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.061+/-239.611 χ^2/NDF : 6.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

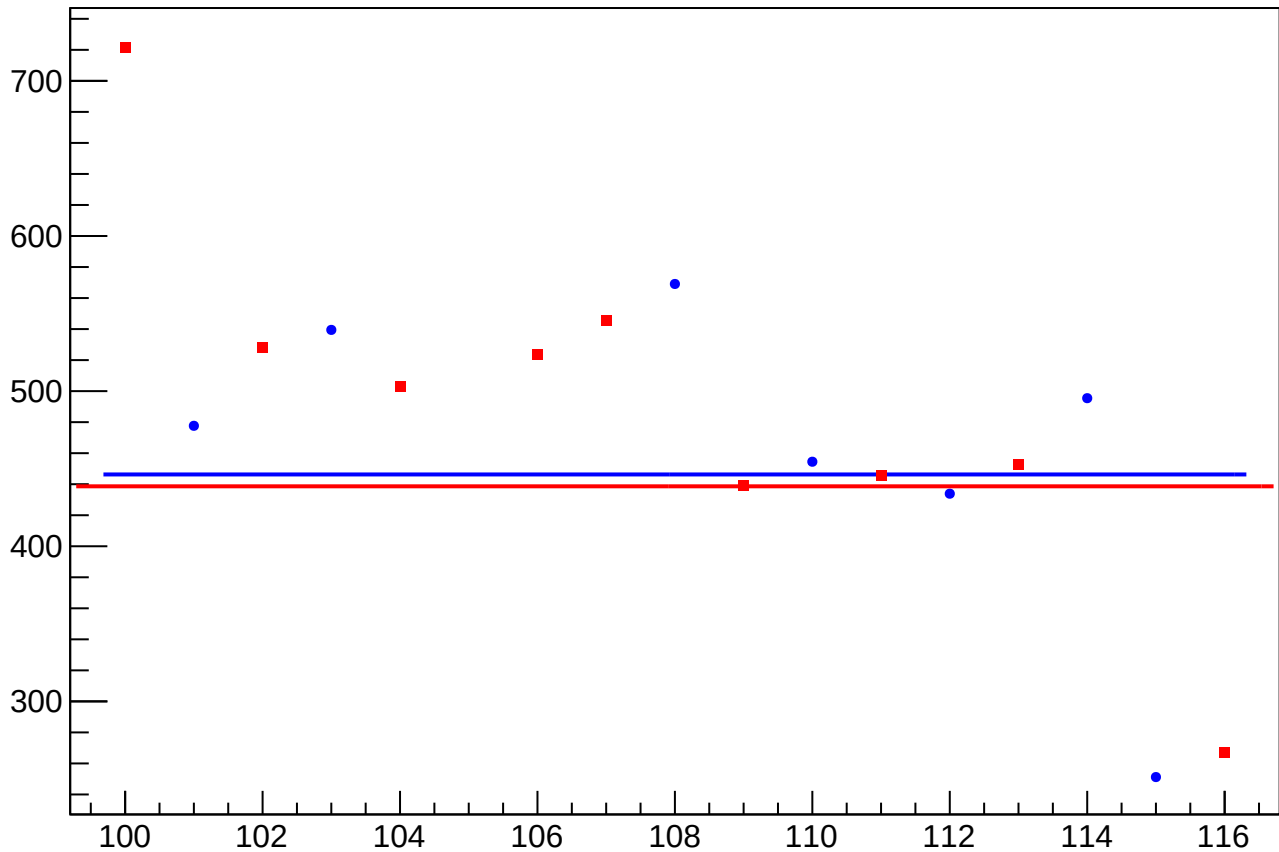
Right: -282.194+/-180.288 χ^2/NDF : 13.9/15

In: -128.395+/-273.709 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.194+/-180.288 χ^2/NDF : 13.9/15

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 446.288+/-0.194 χ^2/NDF : 252819.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.641+/-0.169 χ^2/NDF : 323086.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

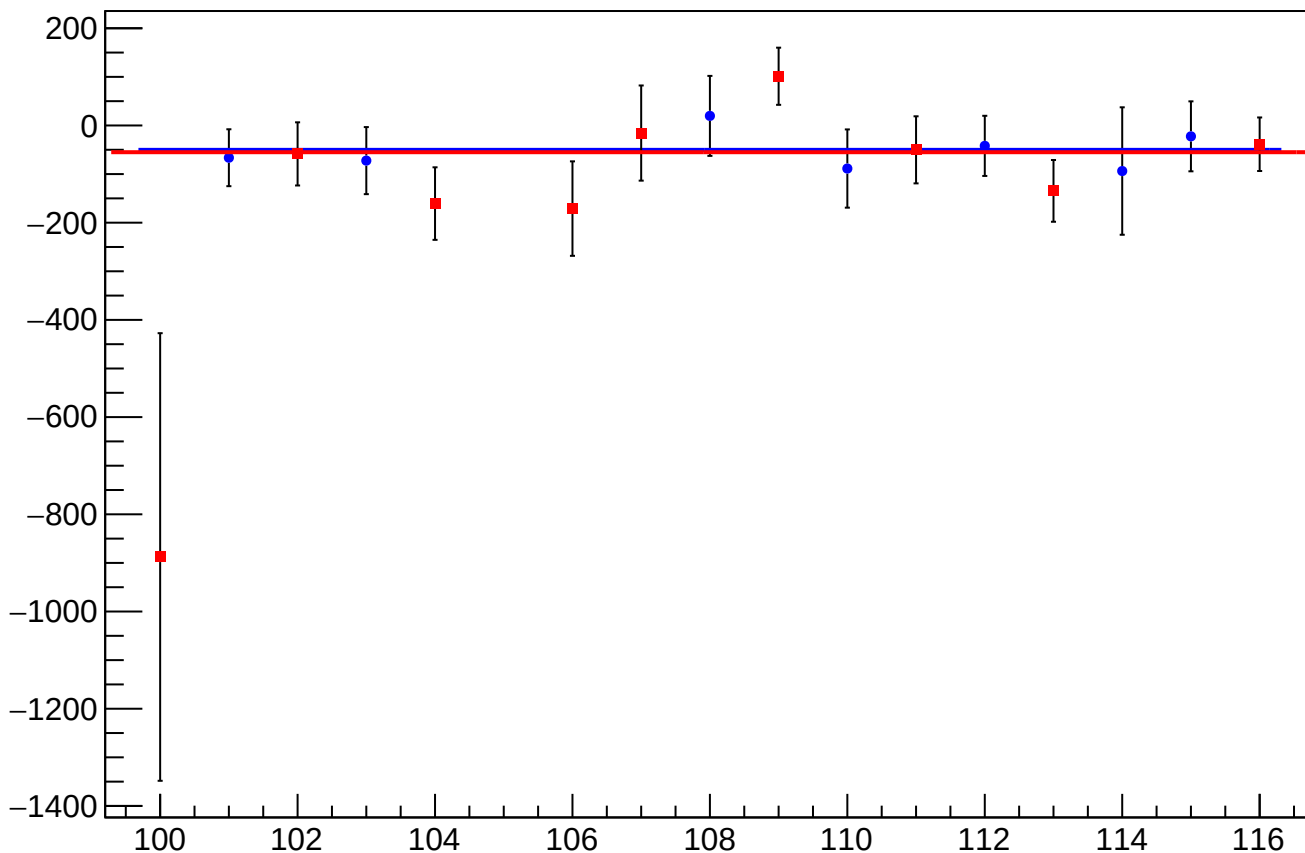
Right: 441.959+/-0.127 χ^2/NDF : 576789.8/15

In: 446.288+/-0.194 χ^2/NDF : 252819.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.959+/-0.127 χ^2/NDF : 576789.8/15

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -50.176+/-27.564 χ^2/NDF : 1.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.004+/-24.197 χ^2/NDF : 15.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

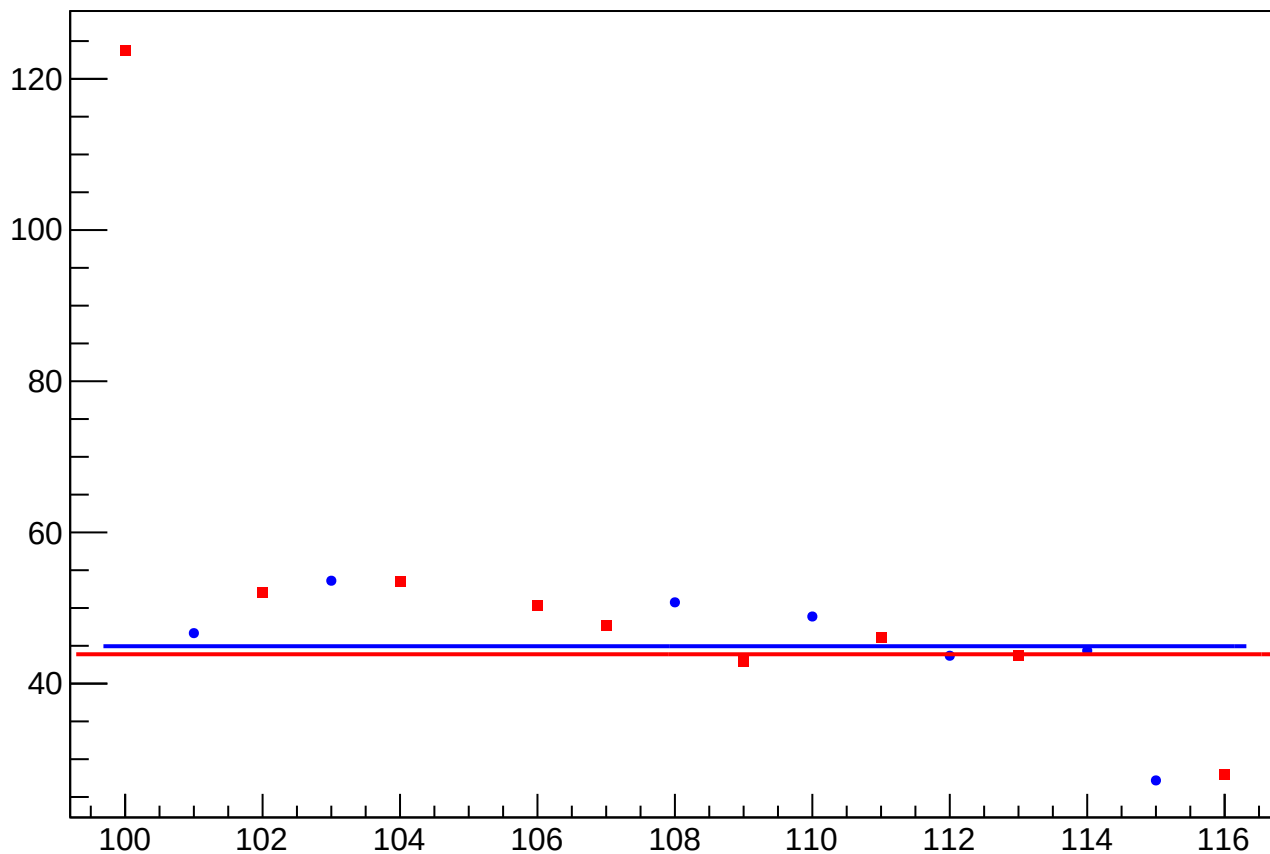
Right: -52.903+/-18.184 χ^2/NDF : 17.0/15

In: -50.176+/-27.564 χ^2/NDF : 1.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.903+/-18.184 χ^2/NDF : 17.0/15

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 44.945 $\pm$ 0.019 χ^2 /NDF: 170540.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.882 $\pm$ 0.017 χ^2 /NDF: 306410.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

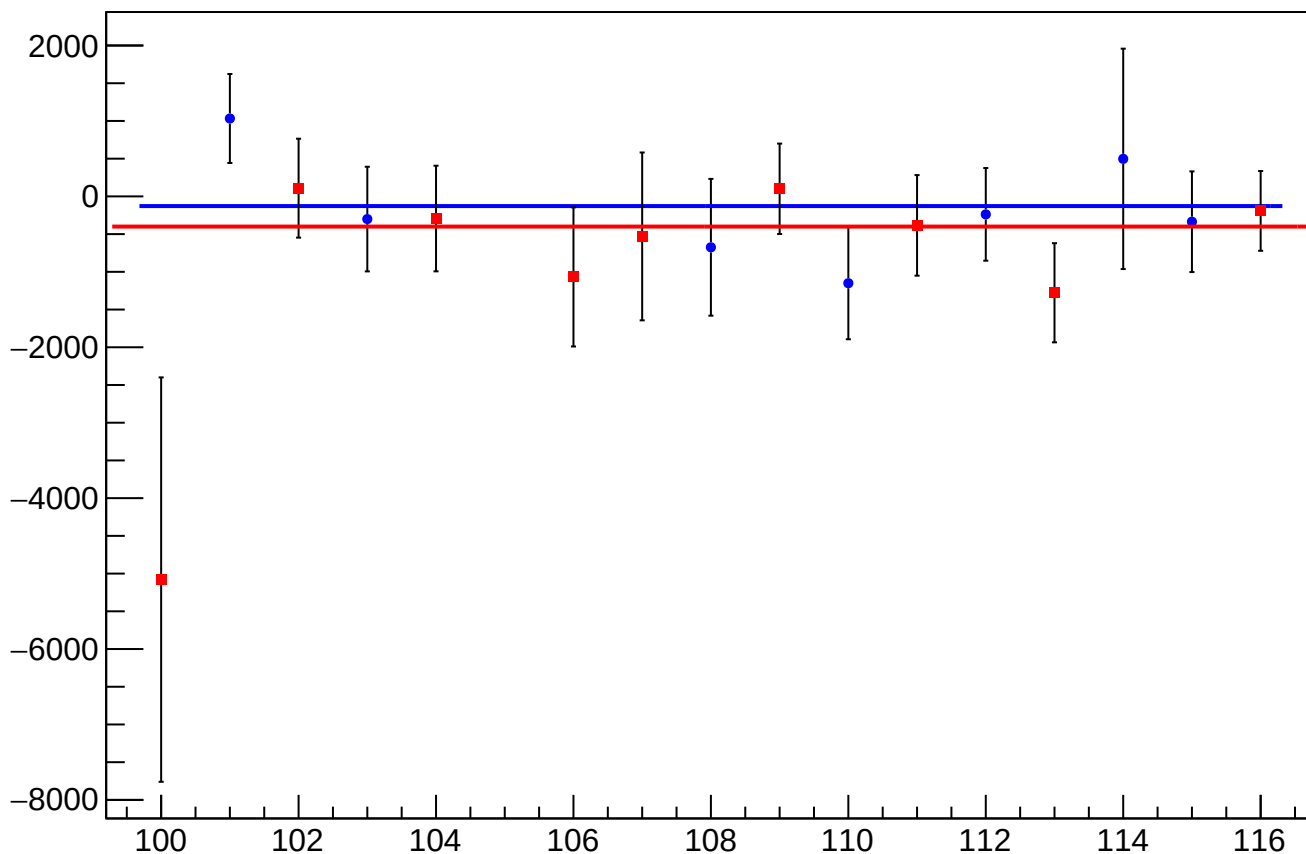
Right: 44.344 $\pm$ 0.013 χ^2 /NDF: 478632.0/15

In: 44.945 $\pm$ 0.019 χ^2 /NDF:170540.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.344 $\pm$ 0.013 χ^2 /NDF: 478632.0/15

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -128.396+/-273.708 χ^2 /NDF: 6.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -400.060+/-239.611 χ^2 /NDF: 6.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

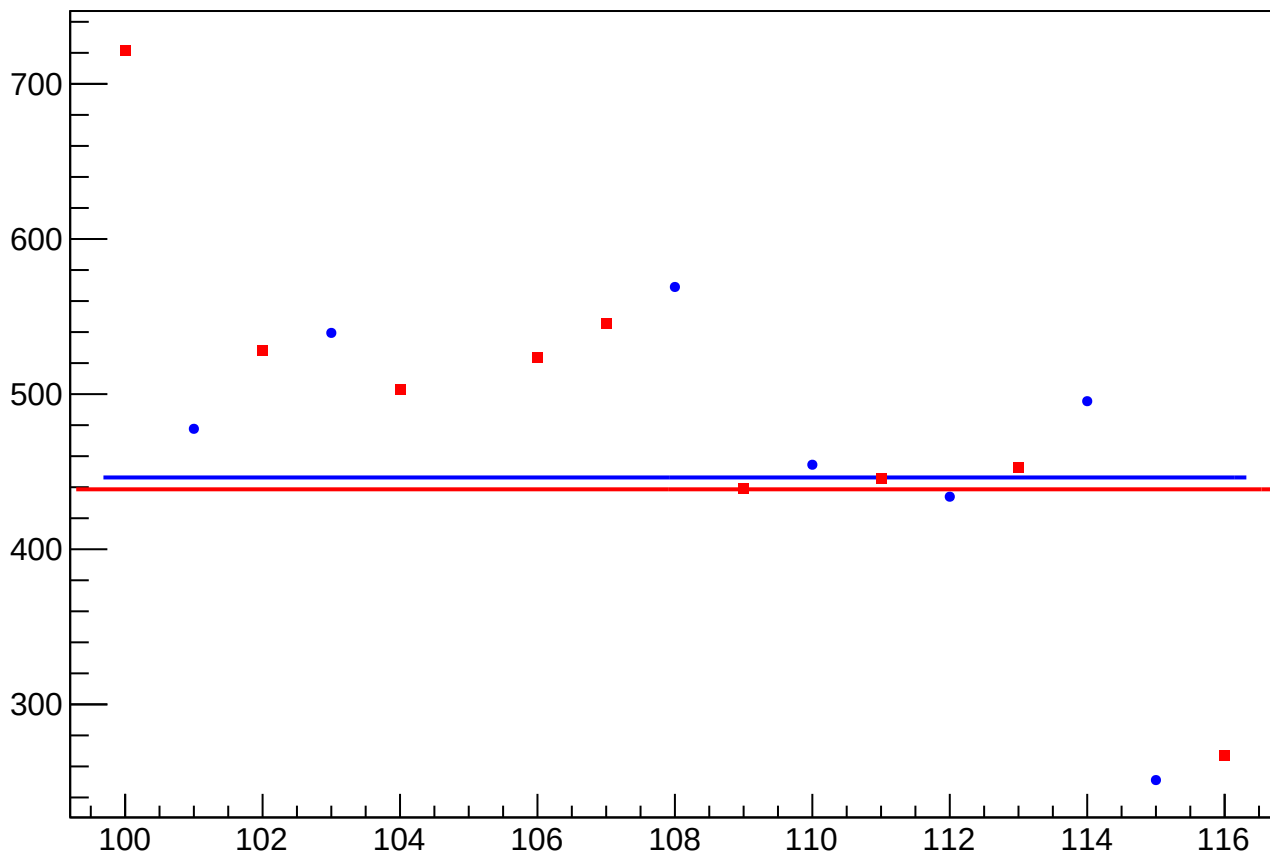
Right: -282.195+/-180.288 χ^2 /NDF: 13.9/15

In: -128.396+/-273.708 χ^2 /NDF:6.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -282.195+/-180.288 χ^2 /NDF: 13.9/15

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 446.287 $\pm$ 0.194 χ^2 /NDF: 252815.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 438.640 $\pm$ 0.169 χ^2 /NDF: 323082.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

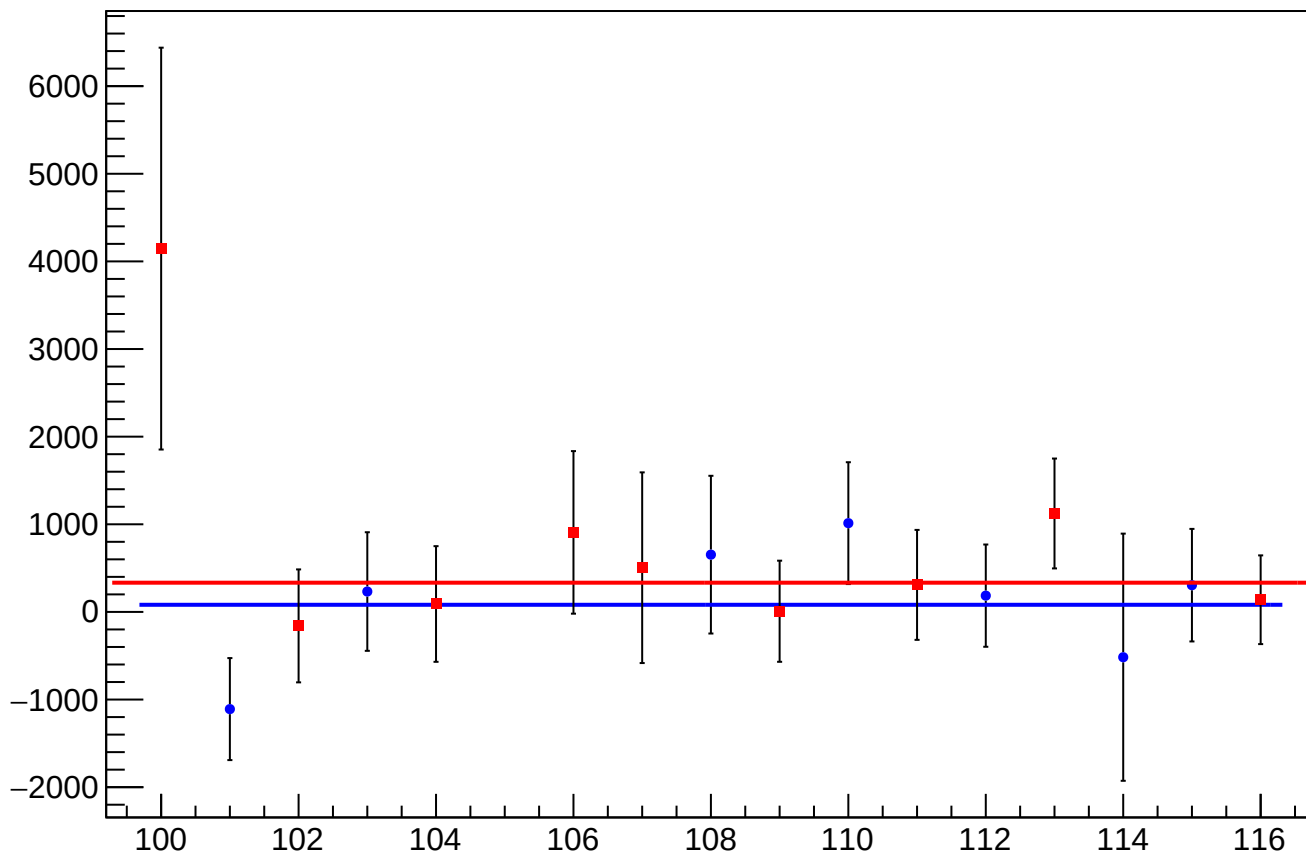
Right: 441.958 $\pm$ 0.127 χ^2 /NDF: 576781.6/15

In: 446.287 $\pm$ 0.194 χ^2 /NDF: 252815.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 441.958 $\pm$ 0.127 χ^2 /NDF: 576781.6/15

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 81.419+/-264.398 χ^2/NDF : 6.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.551+/-230.071 χ^2/NDF : 5.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

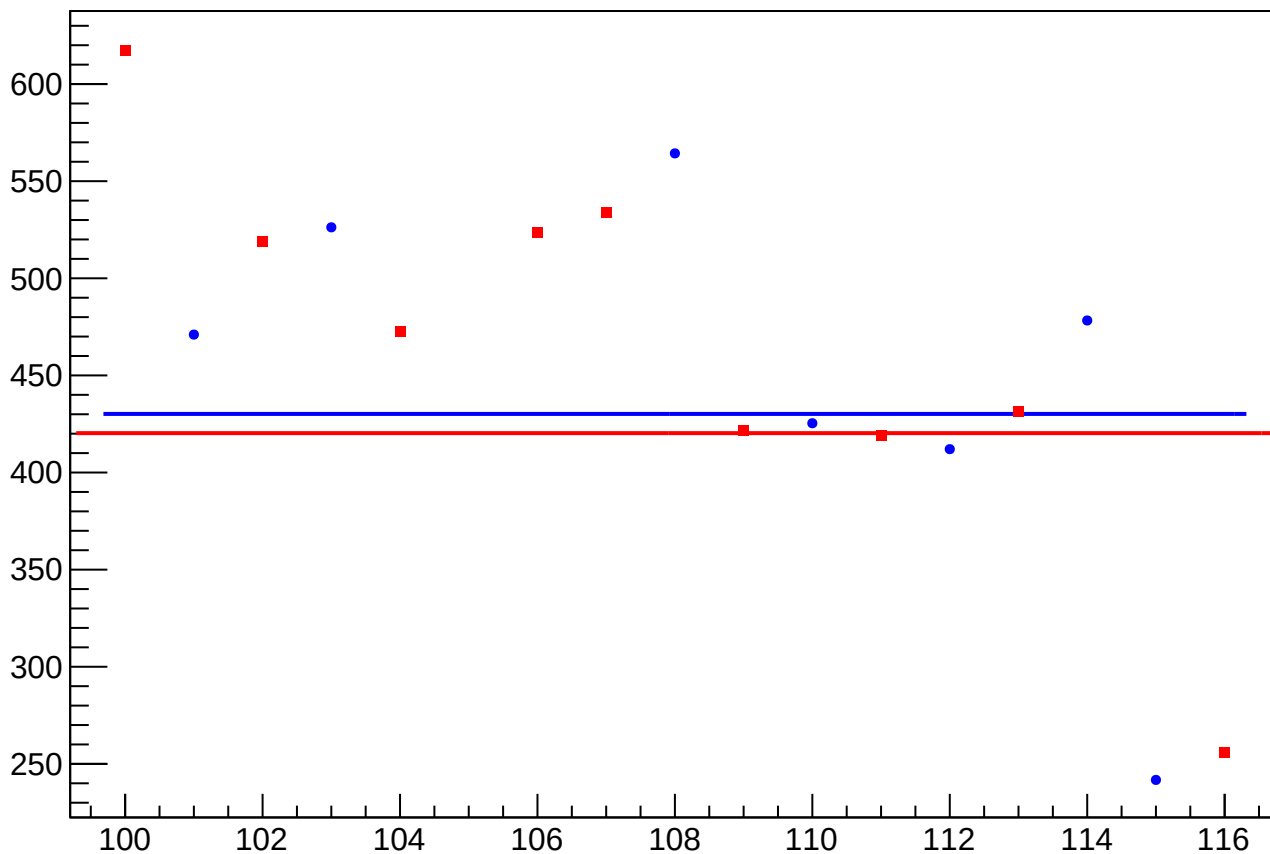
Right: 224.904+/-173.561 χ^2/NDF : 13.2/15

In: 81.419+/-264.398 χ^2/NDF : 6.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.904+/-173.561 χ^2/NDF : 13.2/15

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 430.173+/-0.187 χ^2/NDF : 271182.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.282+/-0.163 χ^2/NDF : 332540.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

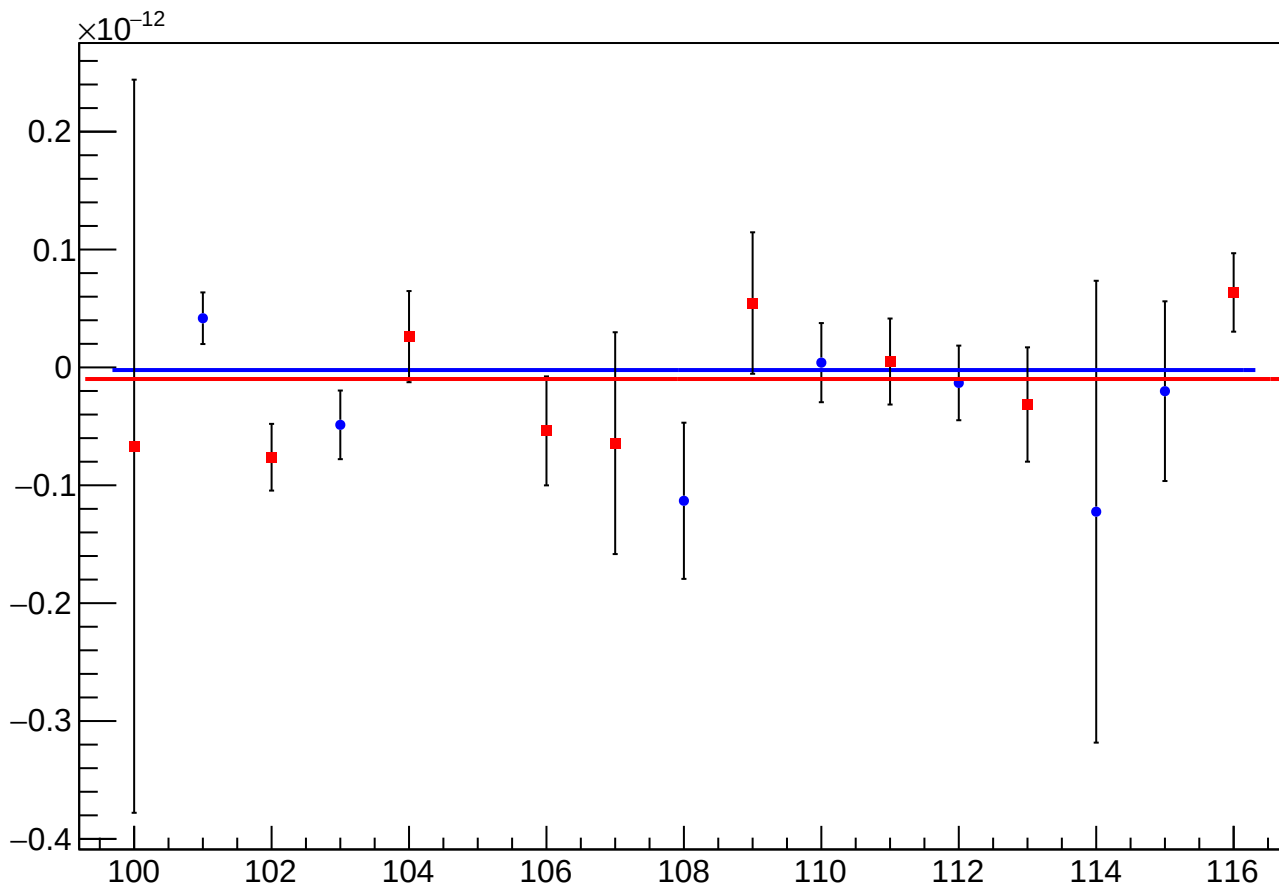
Right: 424.544+/-0.123 χ^2/NDF : 605314.9/15

In: 430.173+/-0.187 χ^2/NDF : 271182.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.544+/-0.123 χ^2/NDF : 605314.9/15

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

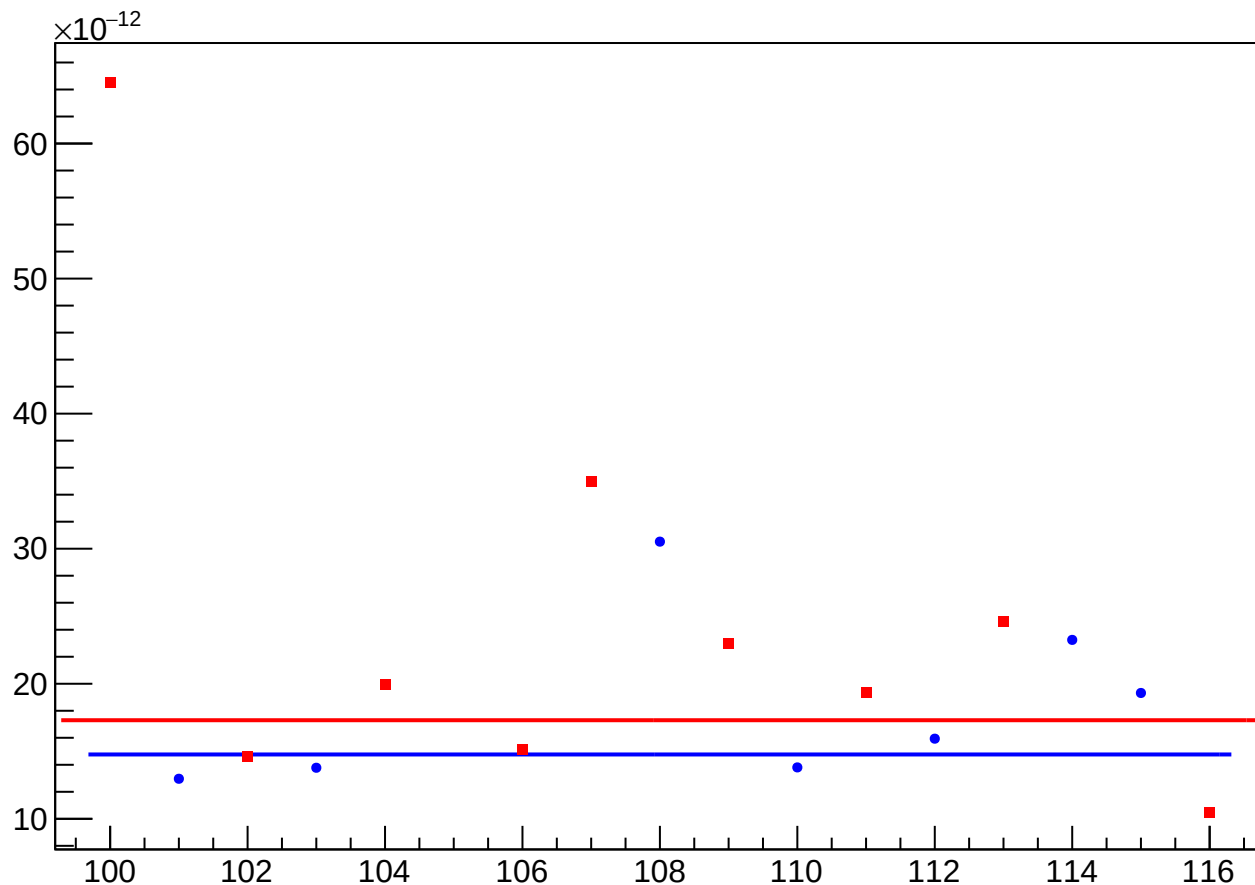
Right: -0.000+/-0.000 χ^2/NDF : 24.1/15

In: -0.000+/-0.000 χ^2/NDF : 10.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.1/15

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 144192.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 302481.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

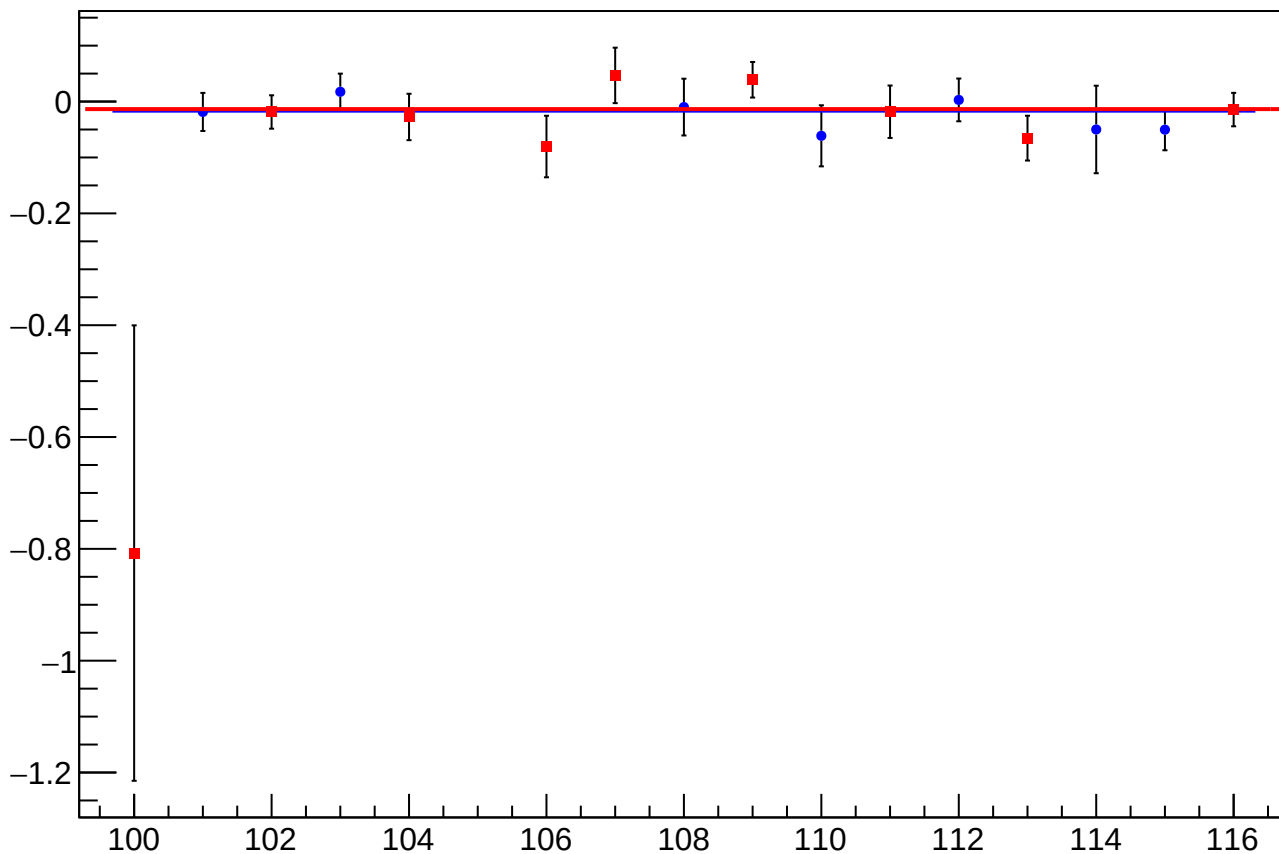
Right: 0.000+/-0.000 χ^2/NDF : 480083.1/15

In: 0.000+/-0.000 χ^2/NDF : 144192.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 480083.1/15

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

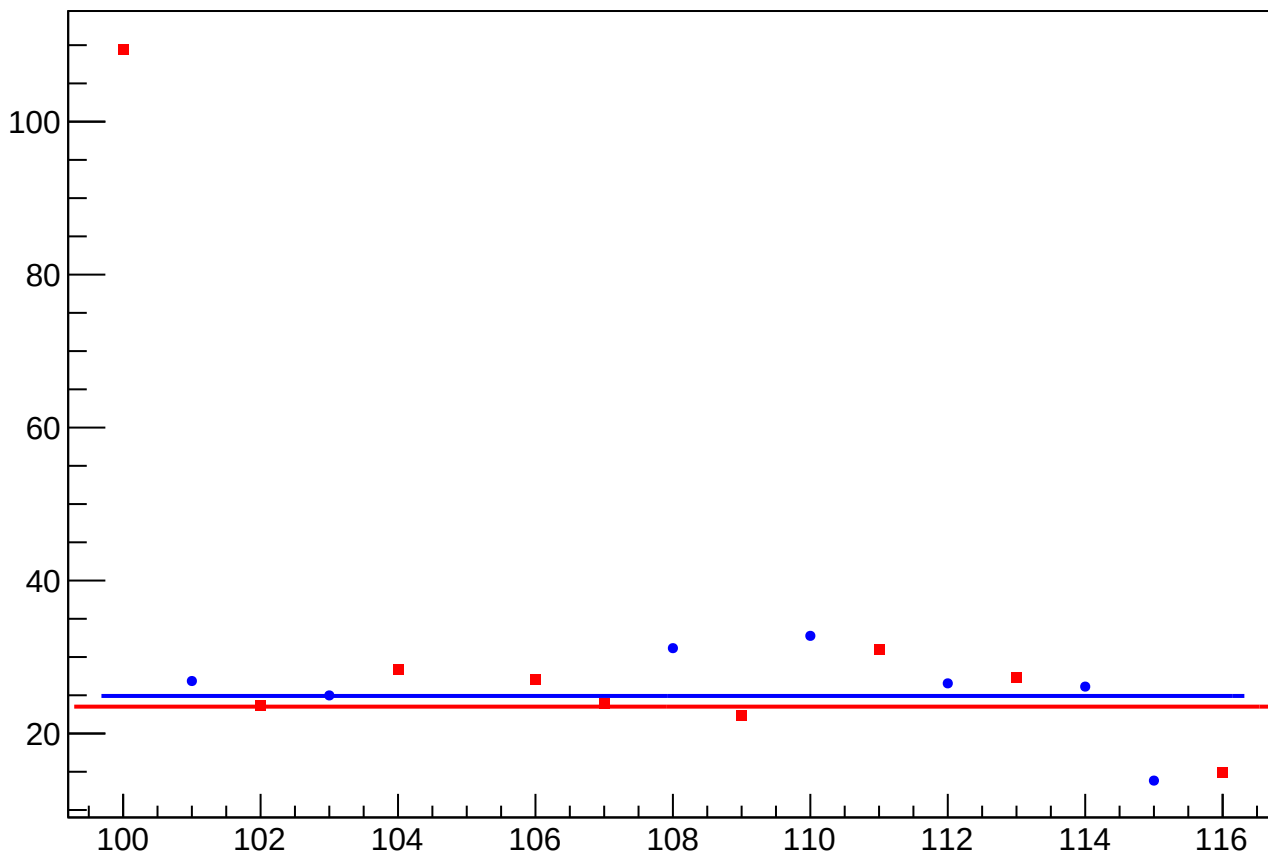
Right: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

In: -0.016 $\pm$ 0.016 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.912 $\pm$ 0.011 χ^2 /NDF: 262529.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.514 $\pm$ 0.009 χ^2 /NDF: 359431.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

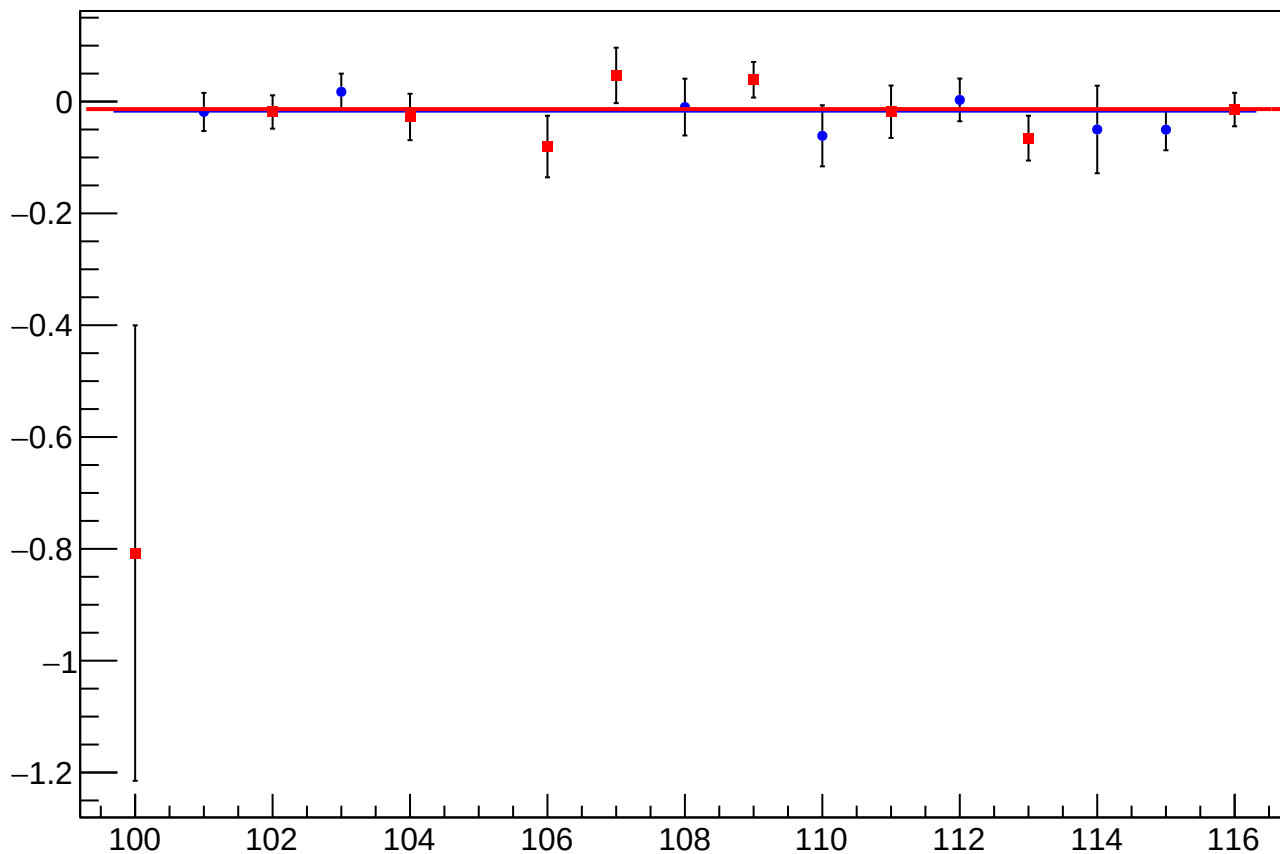
Right: 24.105 $\pm$ 0.007 χ^2 /NDF: 631243.0/15

In: 24.912 $\pm$ 0.011 χ^2 /NDF:262529.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.105 $\pm$ 0.007 χ^2 /NDF: 631243.0/15

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

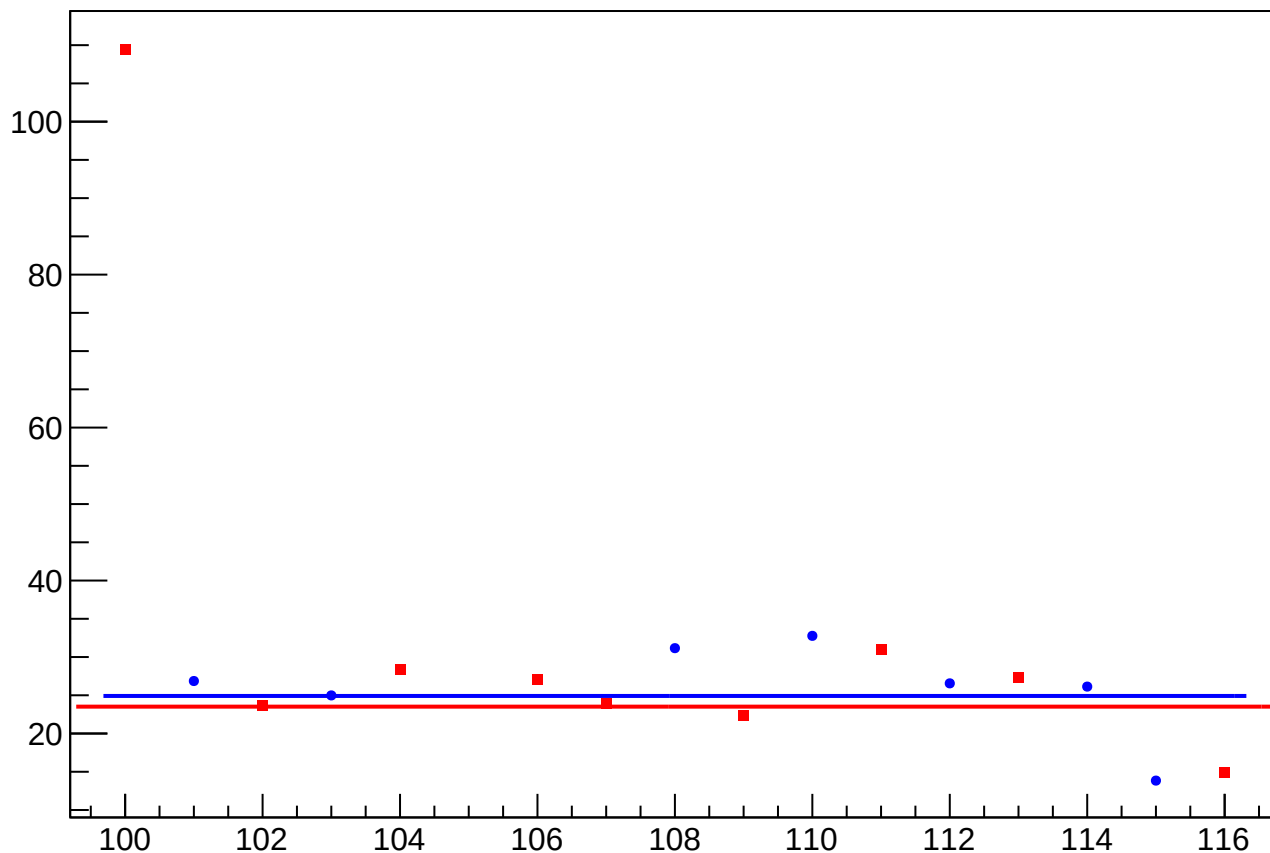
Right: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

In: -0.016 $\pm$ 0.016 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.912 $\pm$ 0.011 χ^2 /NDF: 262529.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.514 $\pm$ 0.009 χ^2 /NDF: 359431.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

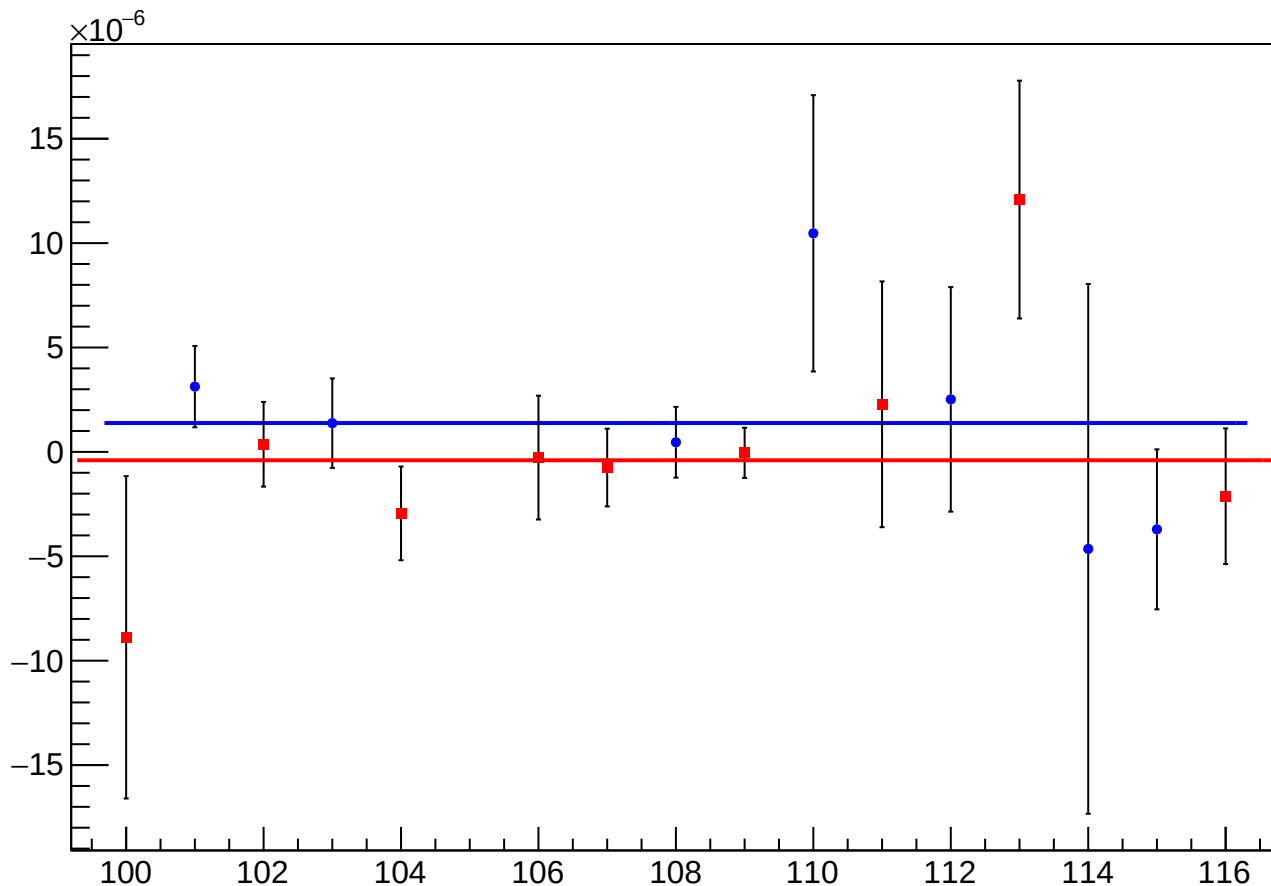
Right: 24.105 $\pm$ 0.007 χ^2 /NDF: 631243.0/15

In: 24.912 $\pm$ 0.011 χ^2 /NDF:262529.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.105 $\pm$ 0.007 χ^2 /NDF: 631243.0/15

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

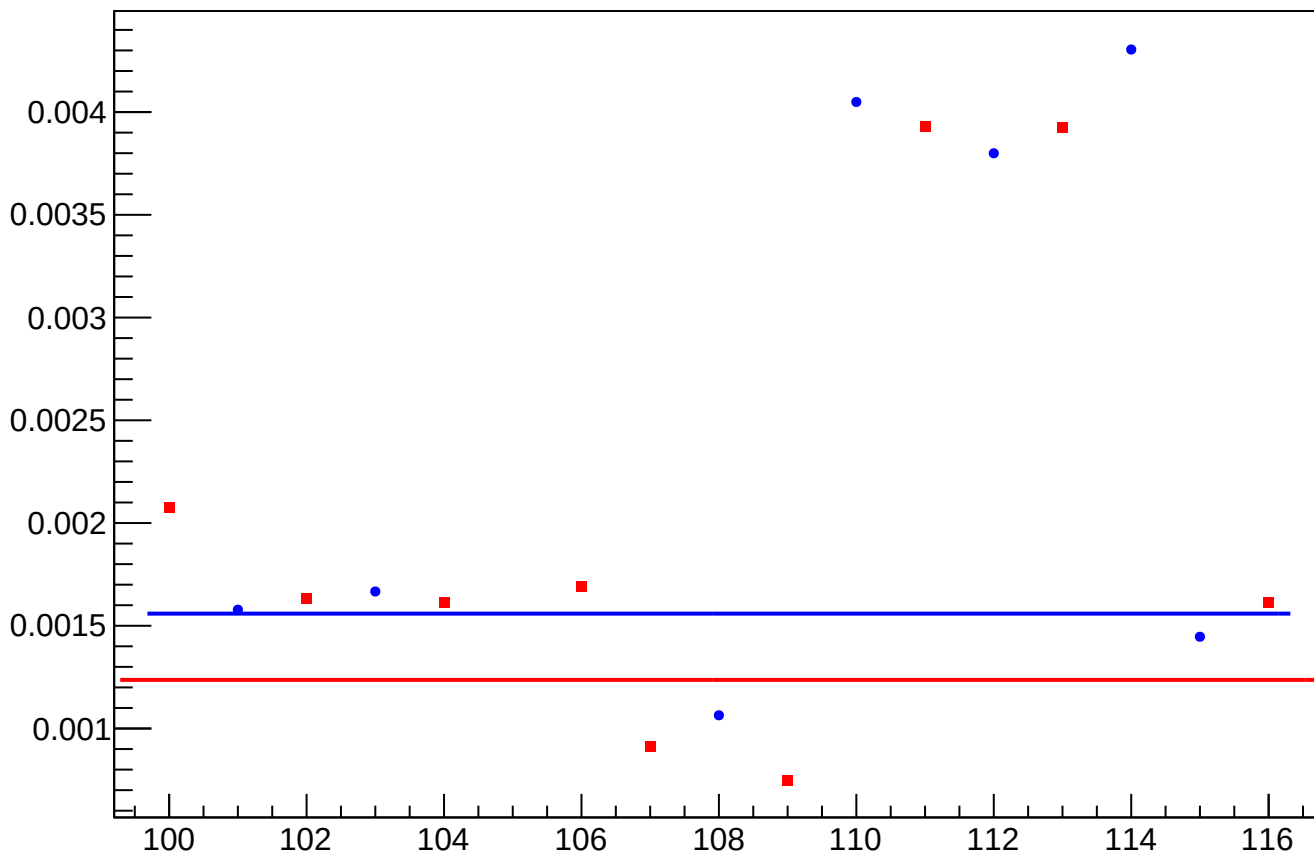
Right: 0.000+/-0.000 χ^2/NDF : 15.0/15

In: 0.000+/-0.000 χ^2/NDF : 5.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/15

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 901396.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1486383.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

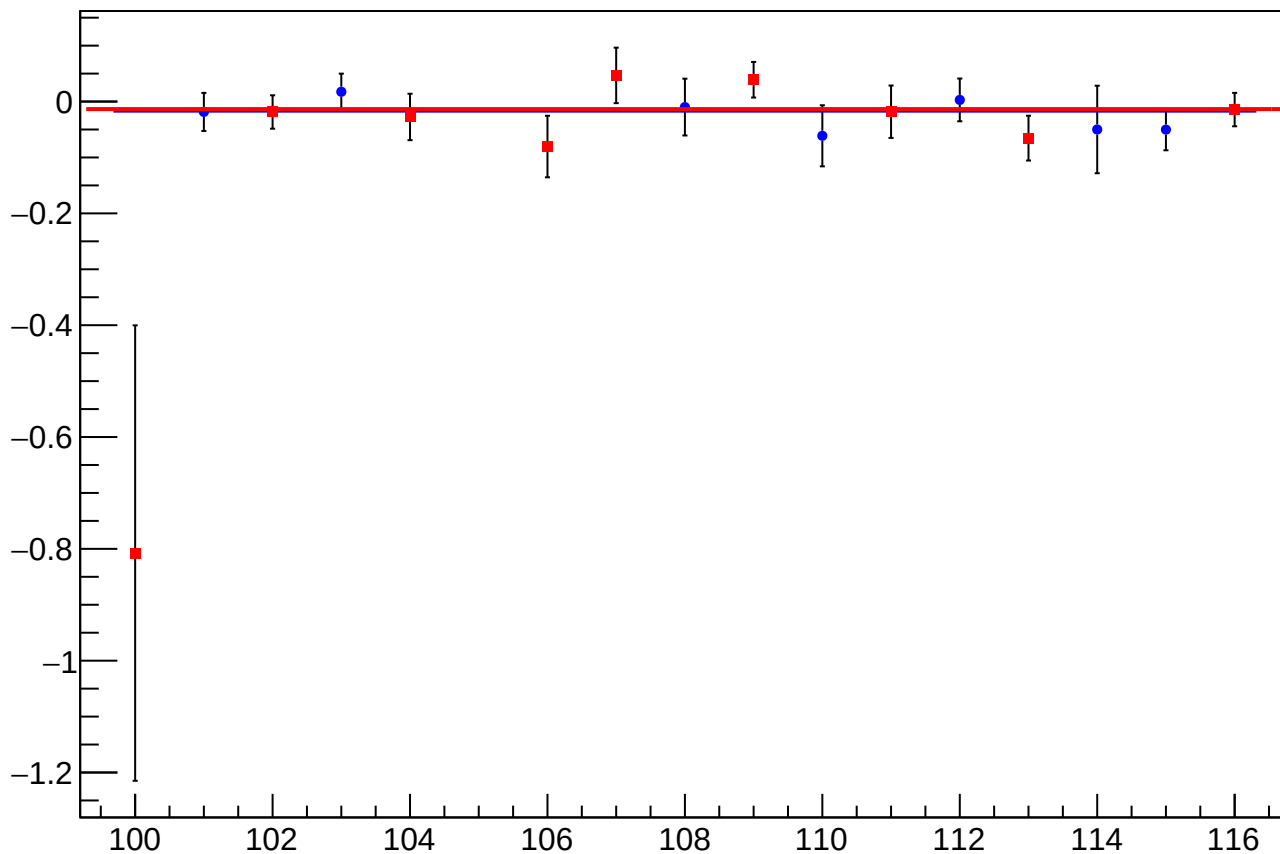
Right: 0.001+/-0.000 χ^2/NDF : 2515608.4/15

In: 0.002+/-0.000 χ^2/NDF : 901396.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2515608.4/15

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

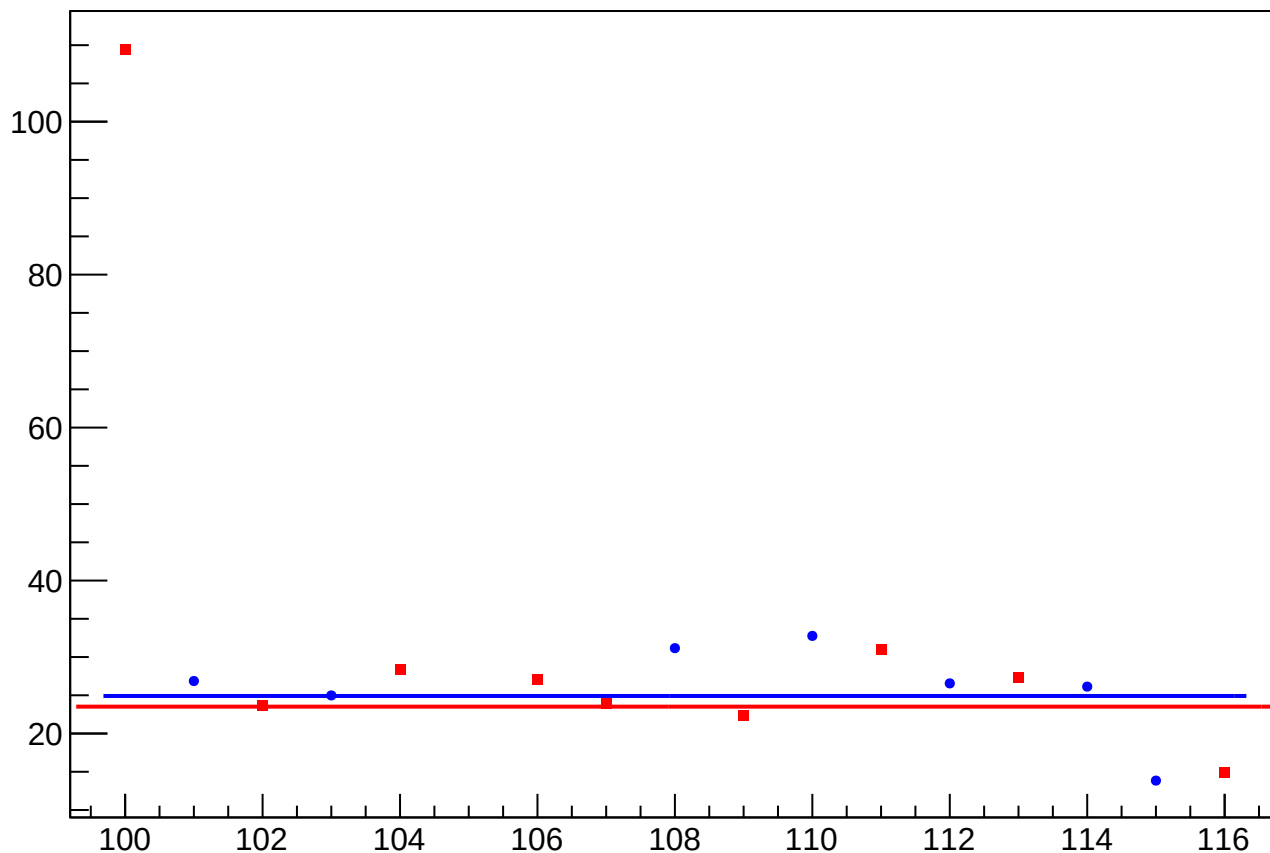
Right: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

In: -0.016 $\pm$ 0.016 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.911+/-0.011 χ^2/NDF : 262434.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.514+/-0.009 χ^2/NDF : 359332.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

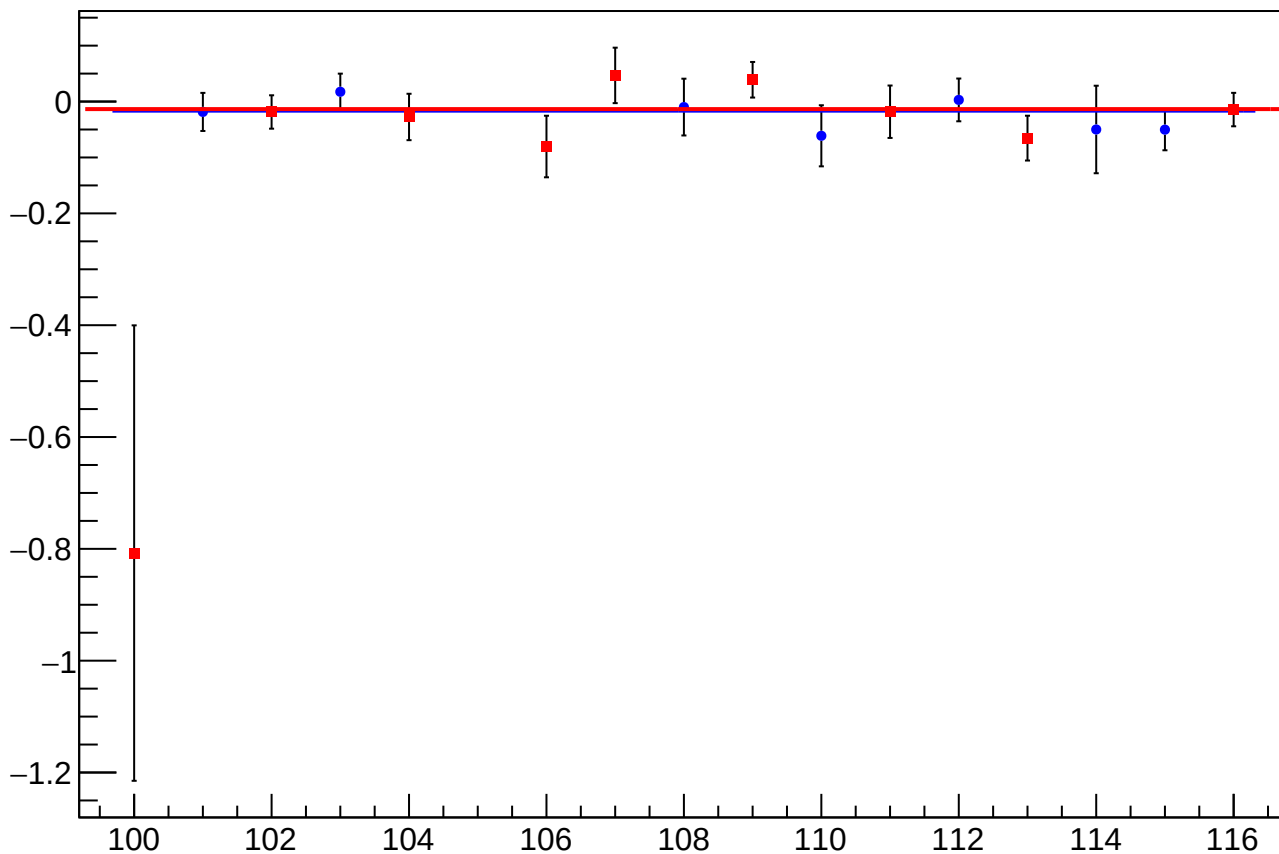
Right: 24.104+/-0.007 χ^2/NDF : 631051.7/15

In: 24.911+/-0.011 χ^2/NDF : 262434.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.104+/-0.007 χ^2/NDF : 631051.7/15

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 3.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

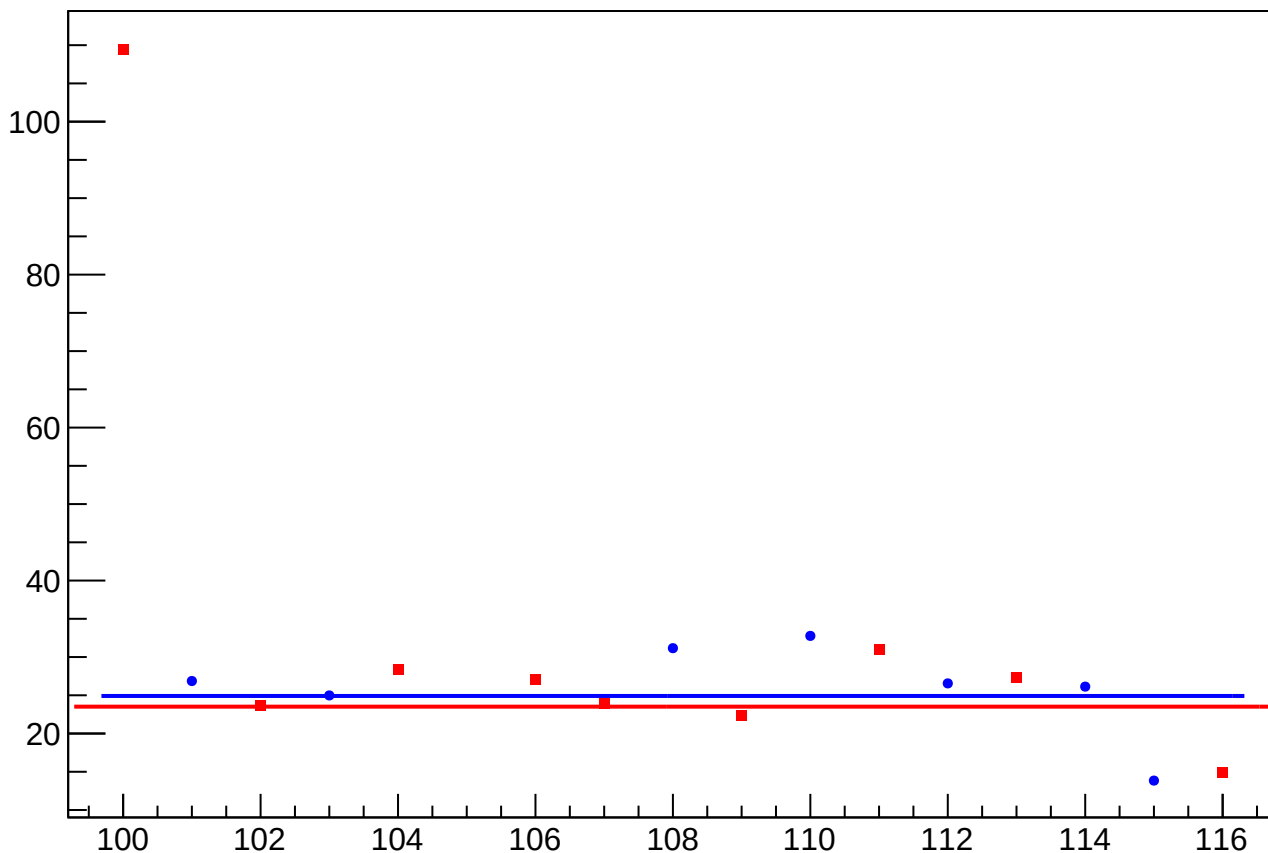
Right: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

In: -0.016 $\pm$ 0.016 χ^2 /NDF:3.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.010 χ^2 /NDF: 14.4/15

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.911+/-0.011 χ^2/NDF : 262434.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.514+/-0.009 χ^2/NDF : 359332.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

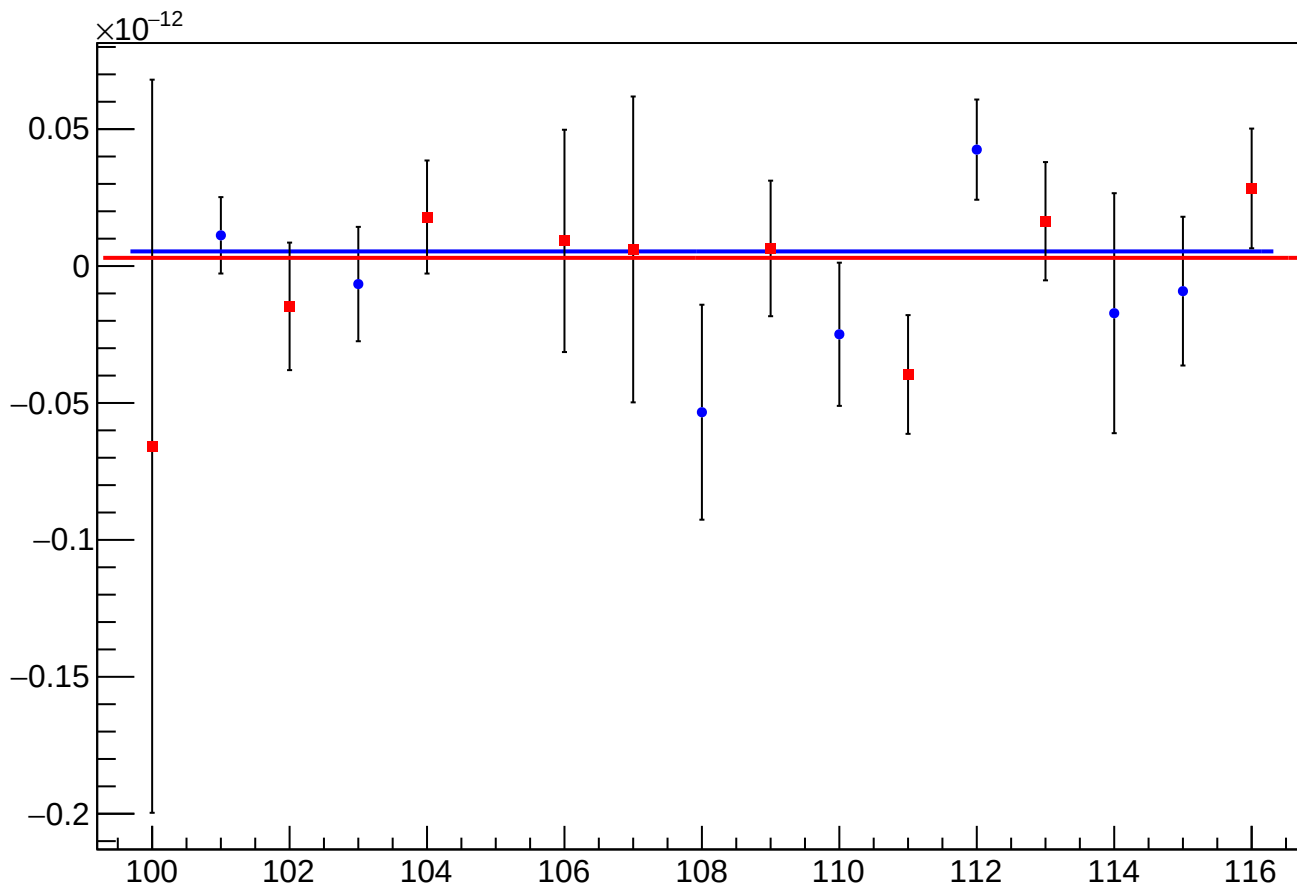
Right: 24.104+/-0.007 χ^2/NDF : 631051.7/15

In: 24.911+/-0.011 χ^2/NDF : 262434.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.104+/-0.007 χ^2/NDF : 631051.7/15

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

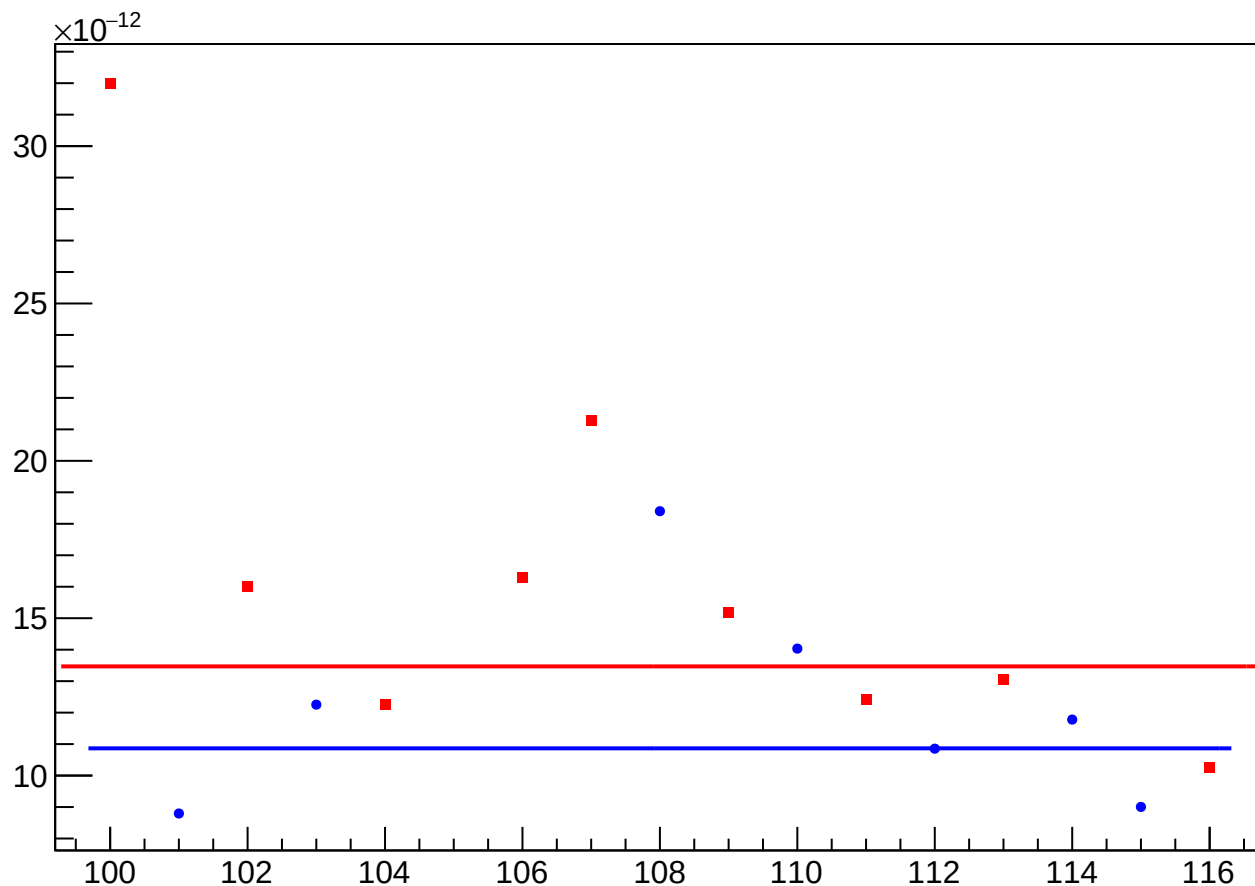
Right: 0.000+/-0.000 χ^2/NDF : 15.8/15

In: 0.000+/-0.000 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/15

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 166239.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175973.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

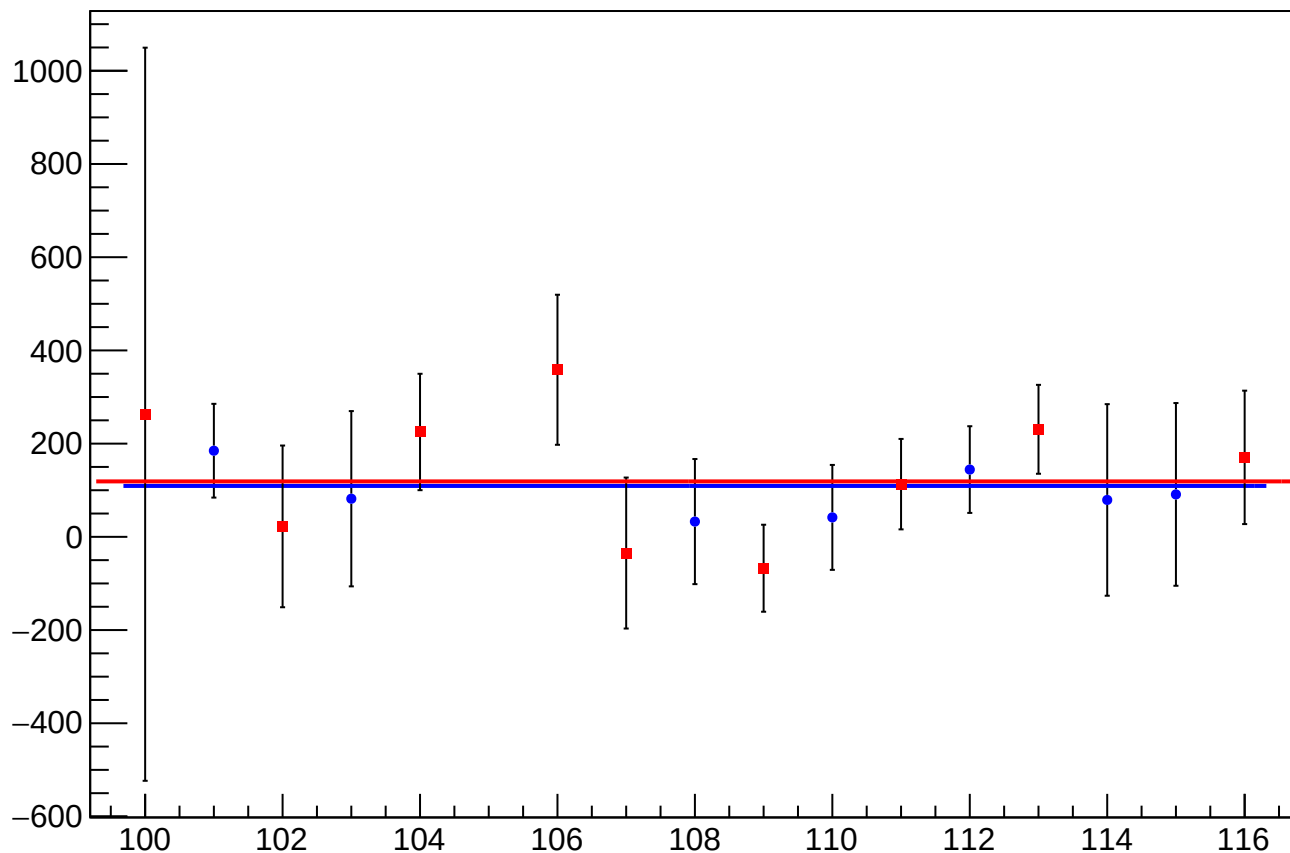
Right: 0.000+/-0.000 χ^2/NDF : 435539.5/15

In: 0.000+/-0.000 χ^2/NDF : 166239.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 435539.5/15

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 109.228+/-48.400 χ^2/NDF : 1.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.968+/-42.432 χ^2/NDF : 9.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

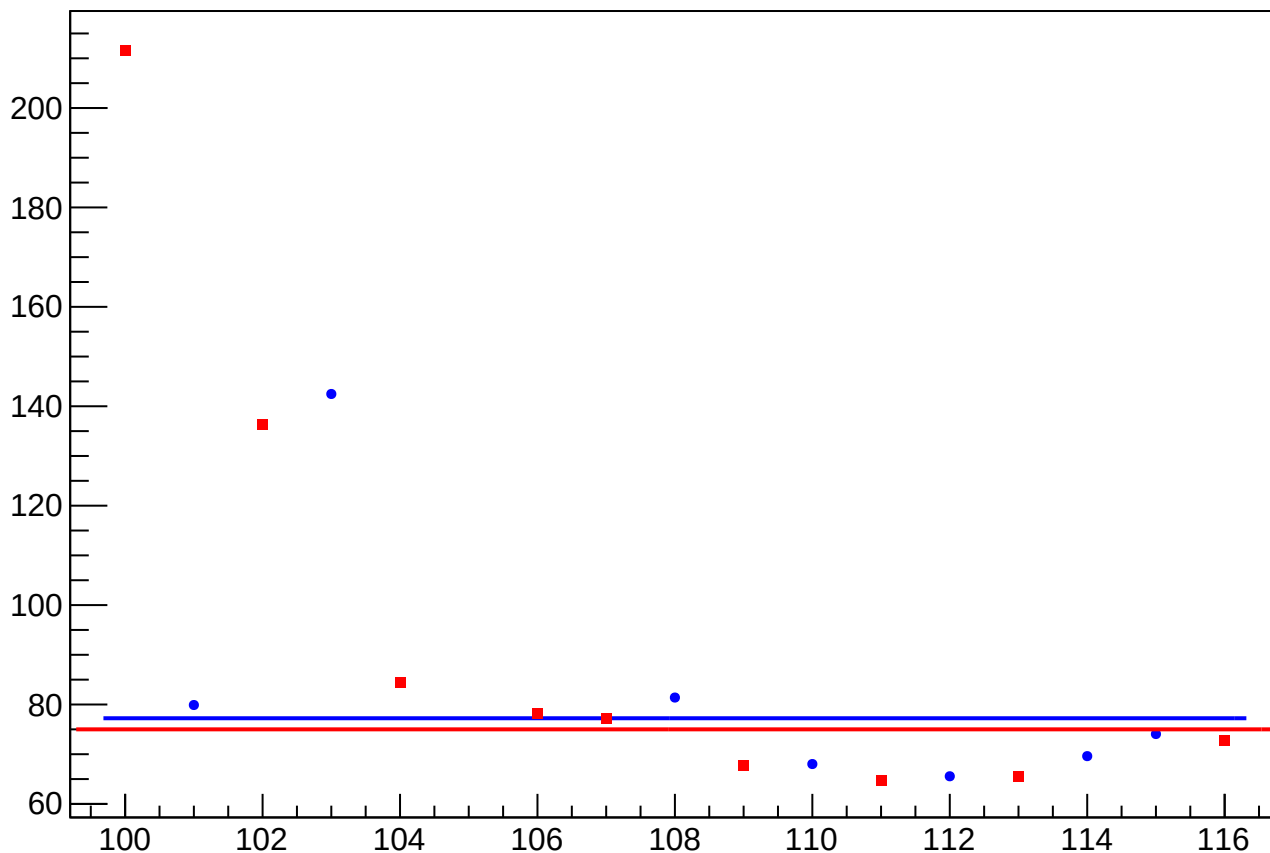
Right: 114.735+/-31.907 χ^2/NDF : 11.1/15

In: 109.228+/-48.400 χ^2/NDF : 1.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.735+/-31.907 χ^2/NDF : 11.1/15

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.235+/-0.034 χ^2/NDF : 292216.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.002+/-0.030 χ^2/NDF : 377900.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

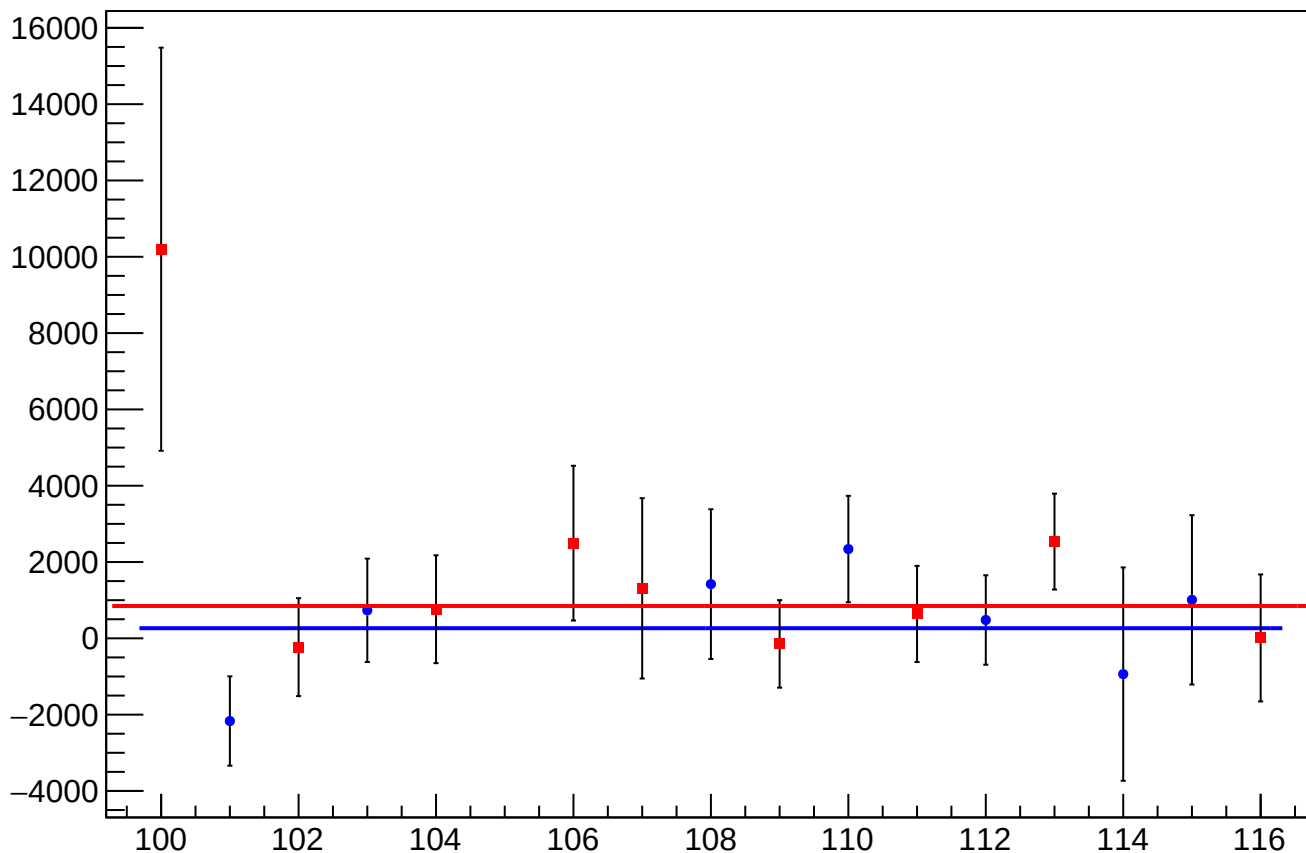
Right: 75.972+/-0.023 χ^2/NDF : 672525.6/15

In: 77.235+/-0.034 χ^2/NDF : 292216.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.972+/-0.023 χ^2/NDF : 672525.6/15

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 265.472+/-567.328 χ^2/NDF : 7.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.326+/-503.169 χ^2/NDF : 7.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

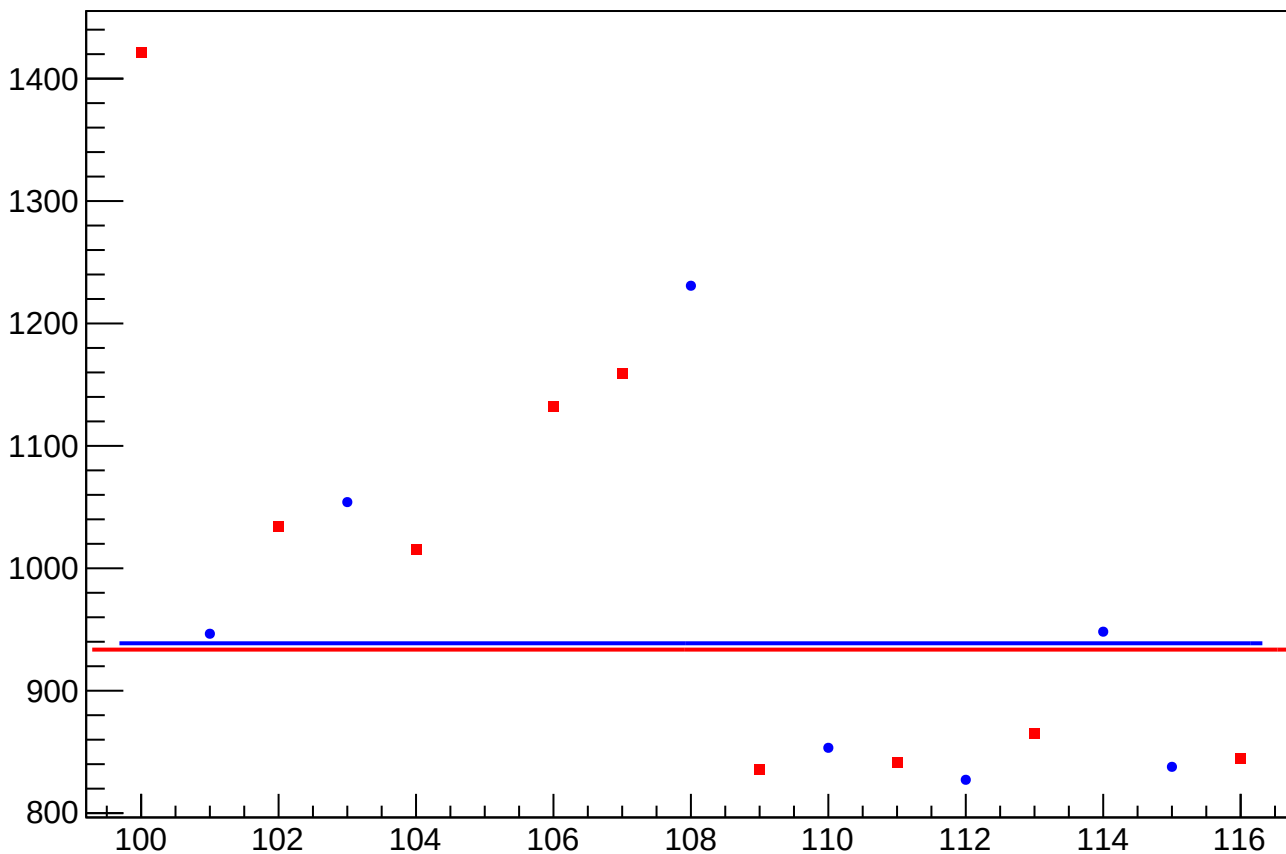
Right: 591.707+/-376.443 χ^2/NDF : 15.3/15

In: 265.472+/-567.328 χ^2/NDF : 7.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.707+/-376.443 χ^2/NDF : 15.3/15

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 938.745+/-0.401 χ^2/NDF : 88650.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 933.579+/-0.356 χ^2/NDF : 110360.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

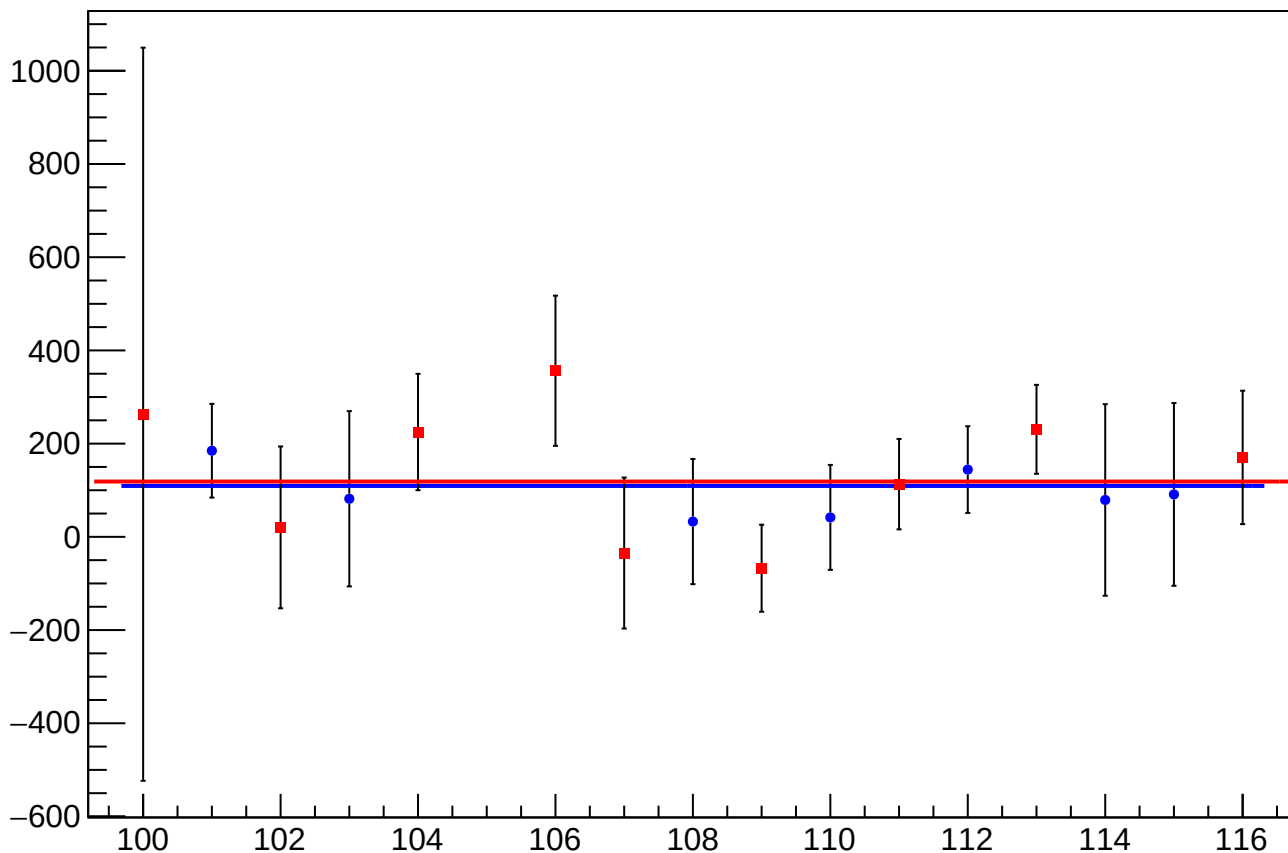
Right: 935.854+/-0.266 χ^2/NDF : 199103.6/15

In: 938.745+/-0.401 χ^2/NDF : 88650.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.854+/-0.266 χ^2/NDF : 199103.6/15

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 109.217 $\pm$ 48.401 χ^2 /NDF: 1.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.659 $\pm$ 42.436 χ^2 /NDF: 9.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

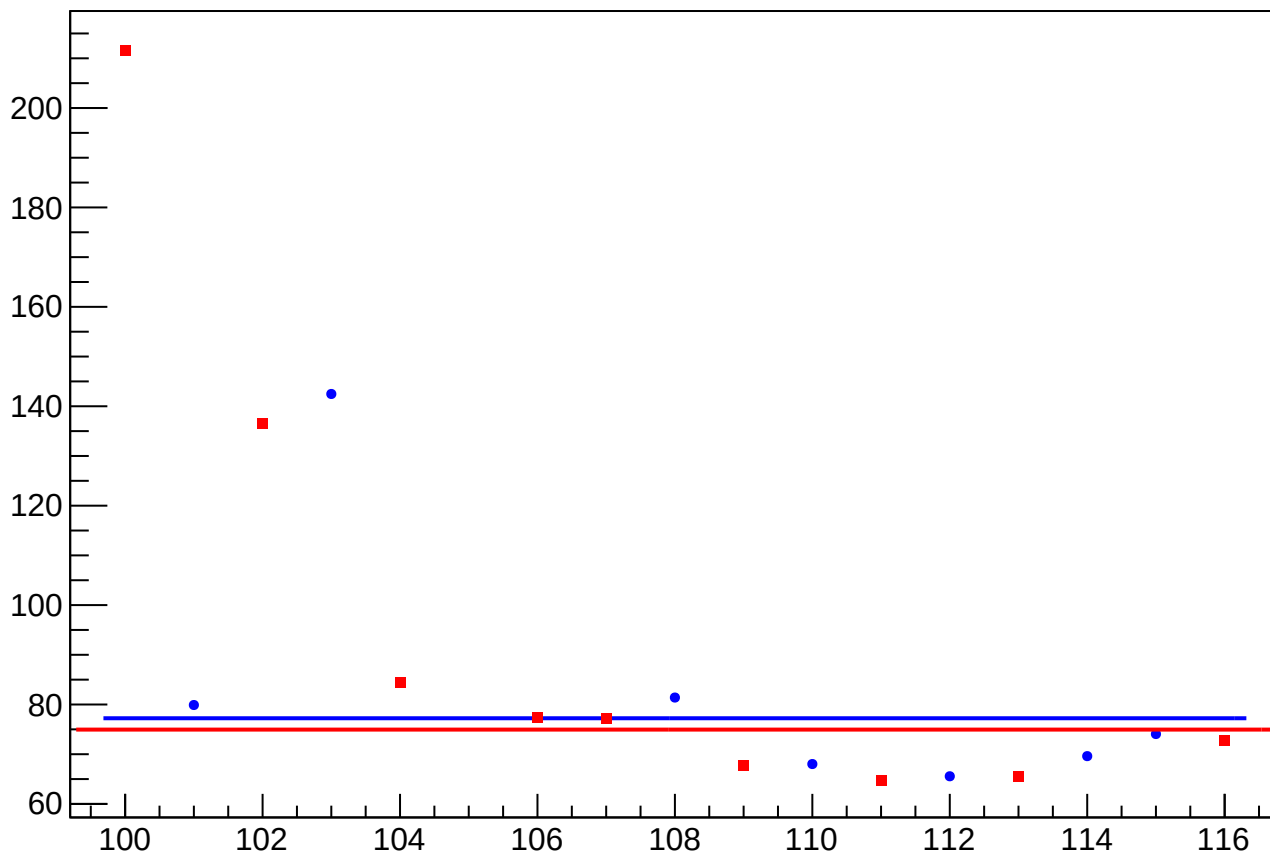
Right: 114.556 $\pm$ 31.909 χ^2 /NDF: 11.1/15

In: 109.217 $\pm$ 48.401 χ^2 /NDF:1.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.556 $\pm$ 31.909 χ^2 /NDF: 11.1/15

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.235+/-0.034 χ^2/NDF : 292220.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.953+/-0.030 χ^2/NDF : 377873.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

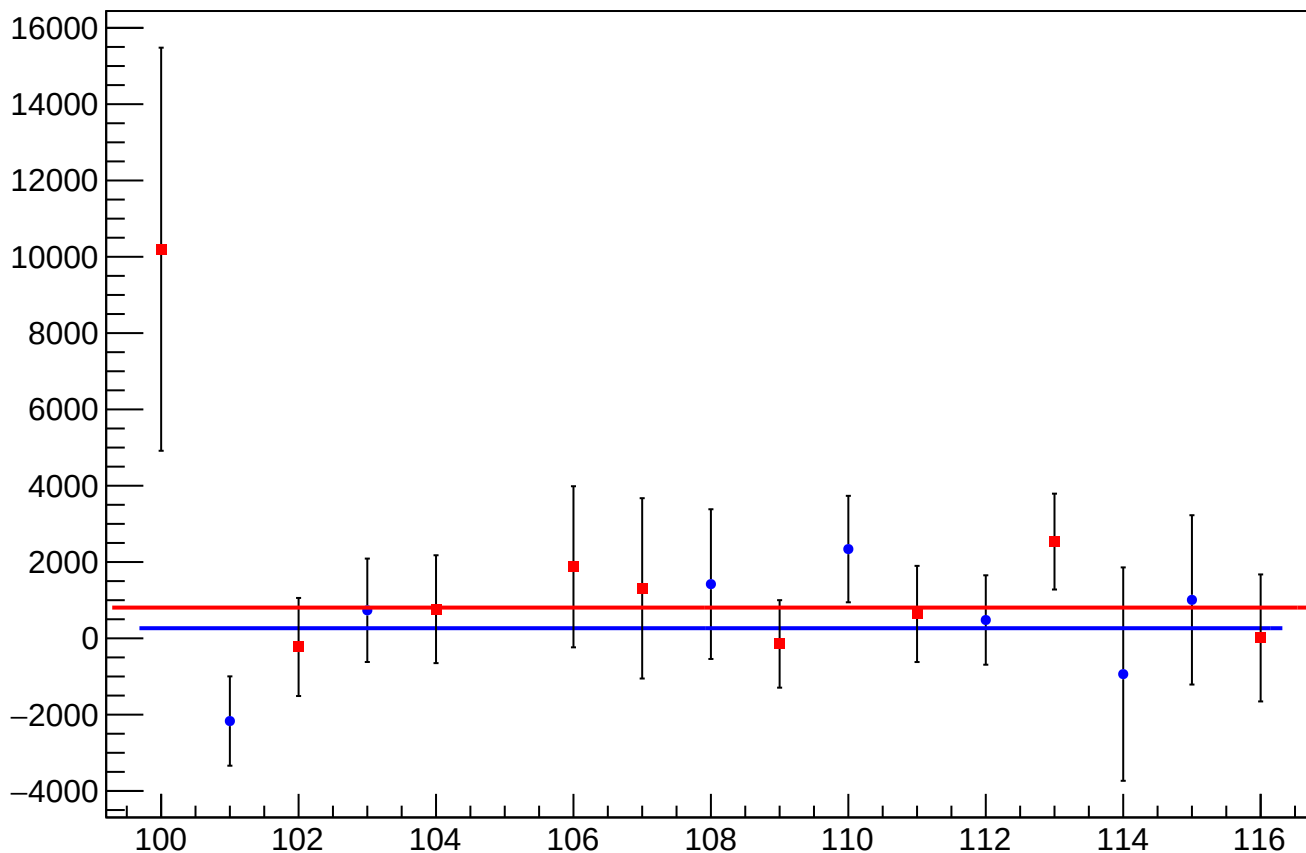
Right: 75.945+/-0.023 χ^2/NDF : 672606.9/15

In: 77.235+/-0.034 χ^2/NDF : 292220.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.945+/-0.023 χ^2/NDF : 672606.9/15

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 265.564+/-567.336 χ^2/NDF : 7.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.080+/-504.433 χ^2/NDF : 6.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

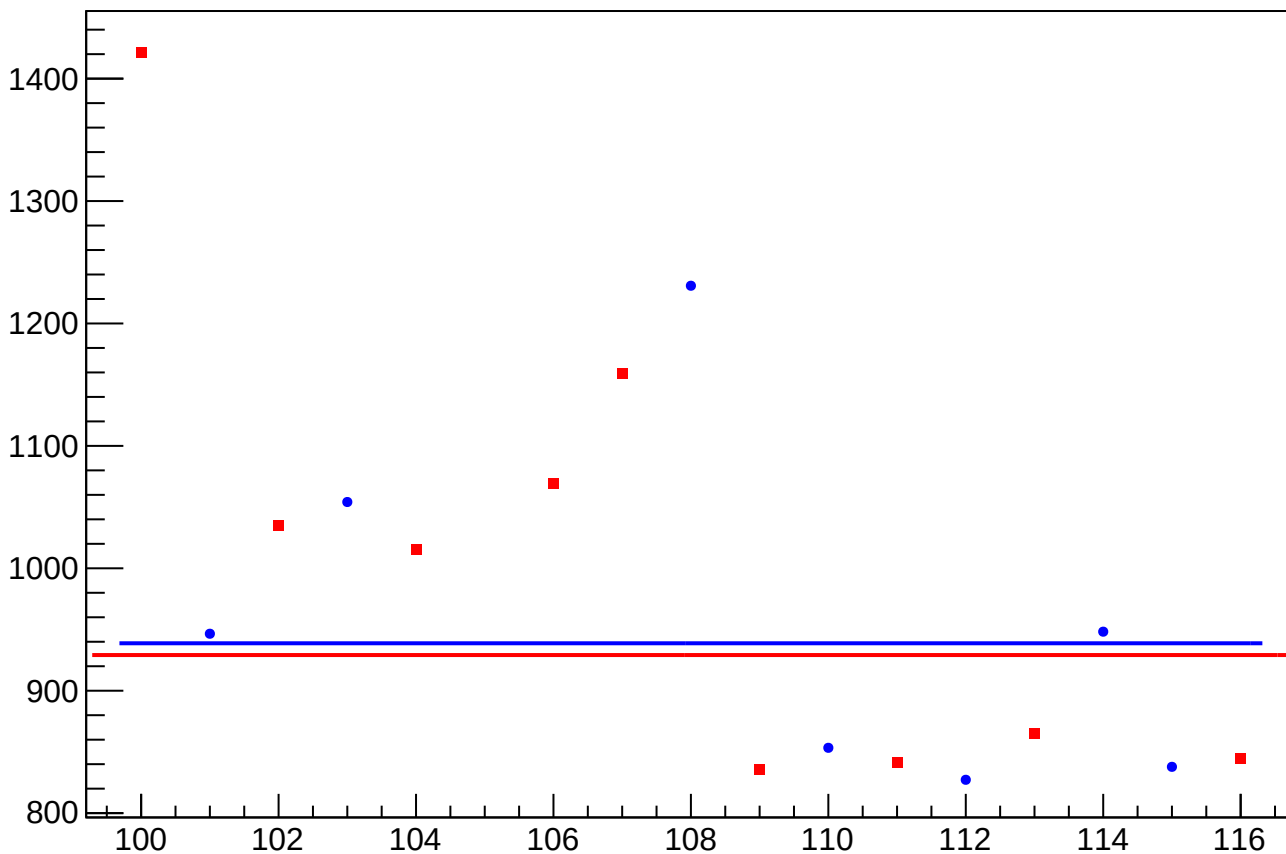
Right: 567.436+/-376.974 χ^2/NDF : 14.8/15

In: 265.564+/-567.336 χ^2/NDF : 7.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.436+/-376.974 χ^2/NDF : 14.8/15

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 938.756+/-0.401 χ^2/NDF : 88668.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 929.142+/-0.357 χ^2/NDF : 99485.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

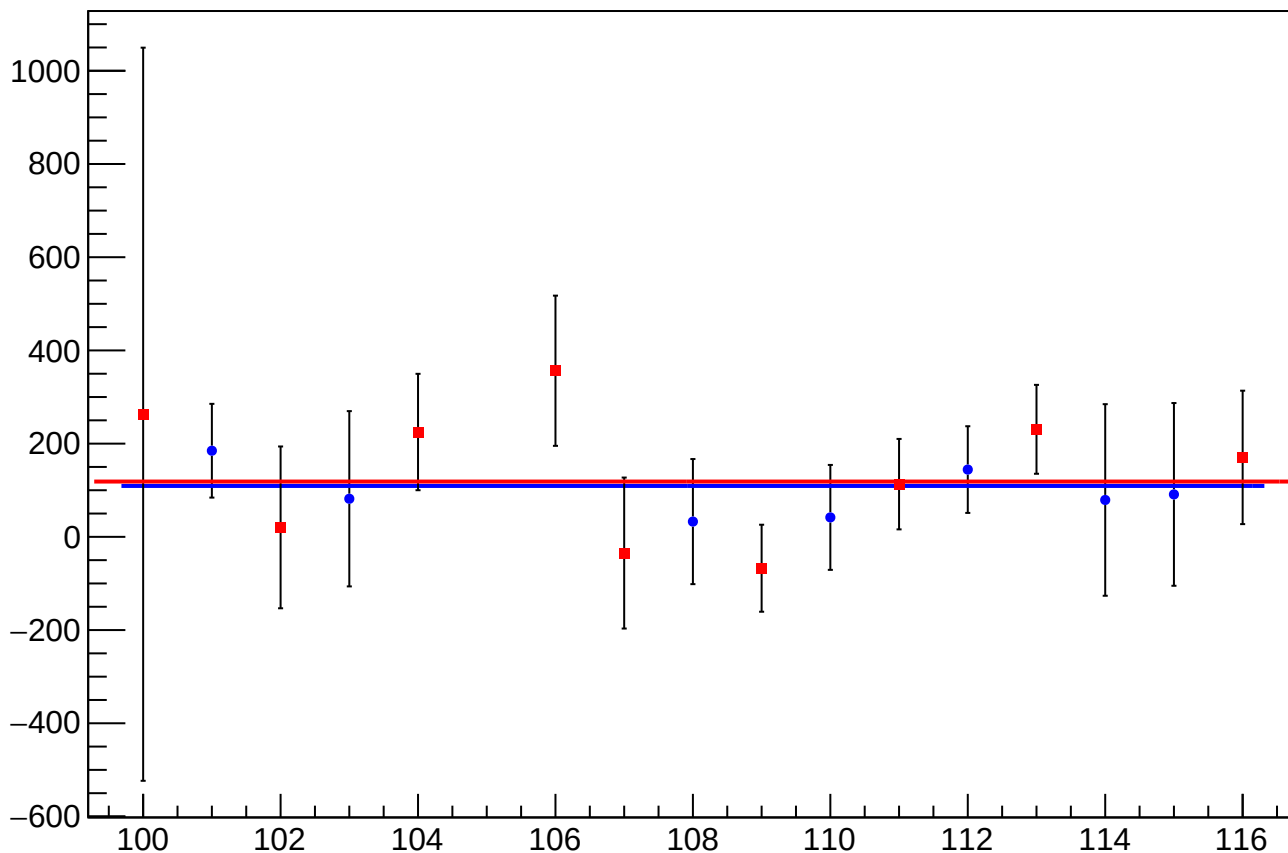
Right: 933.387+/-0.267 χ^2/NDF : 188474.8/15

In: 938.756+/-0.401 χ^2/NDF : 88668.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.387+/-0.267 χ^2/NDF : 188474.8/15

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 109.217+/-48.401 χ^2/NDF : 1.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.659+/-42.436 χ^2/NDF : 9.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

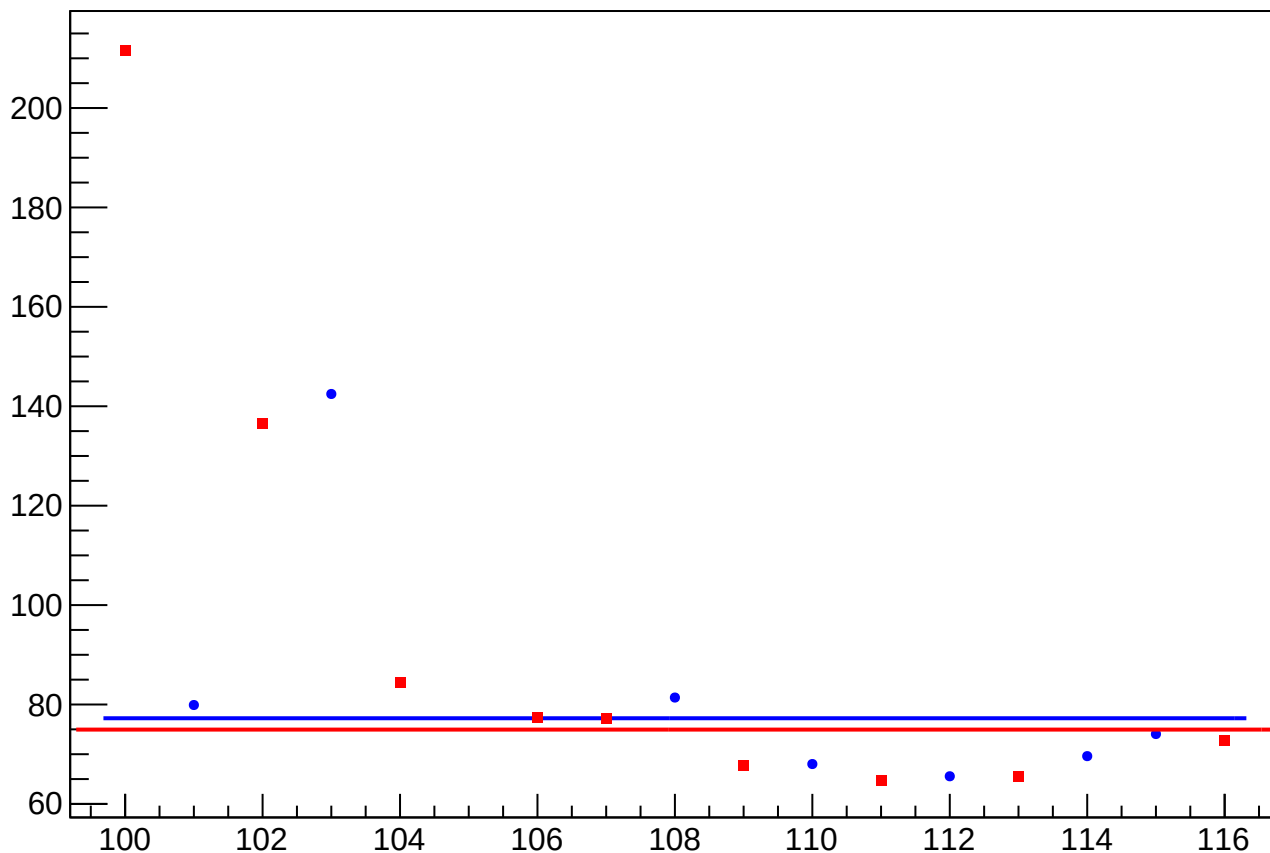
Right: 114.556+/-31.909 χ^2/NDF : 11.1/15

In: 109.217+/-48.401 χ^2/NDF : 1.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.556+/-31.909 χ^2/NDF : 11.1/15

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.235+/-0.034 χ^2/NDF : 292220.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.953+/-0.030 χ^2/NDF : 377873.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

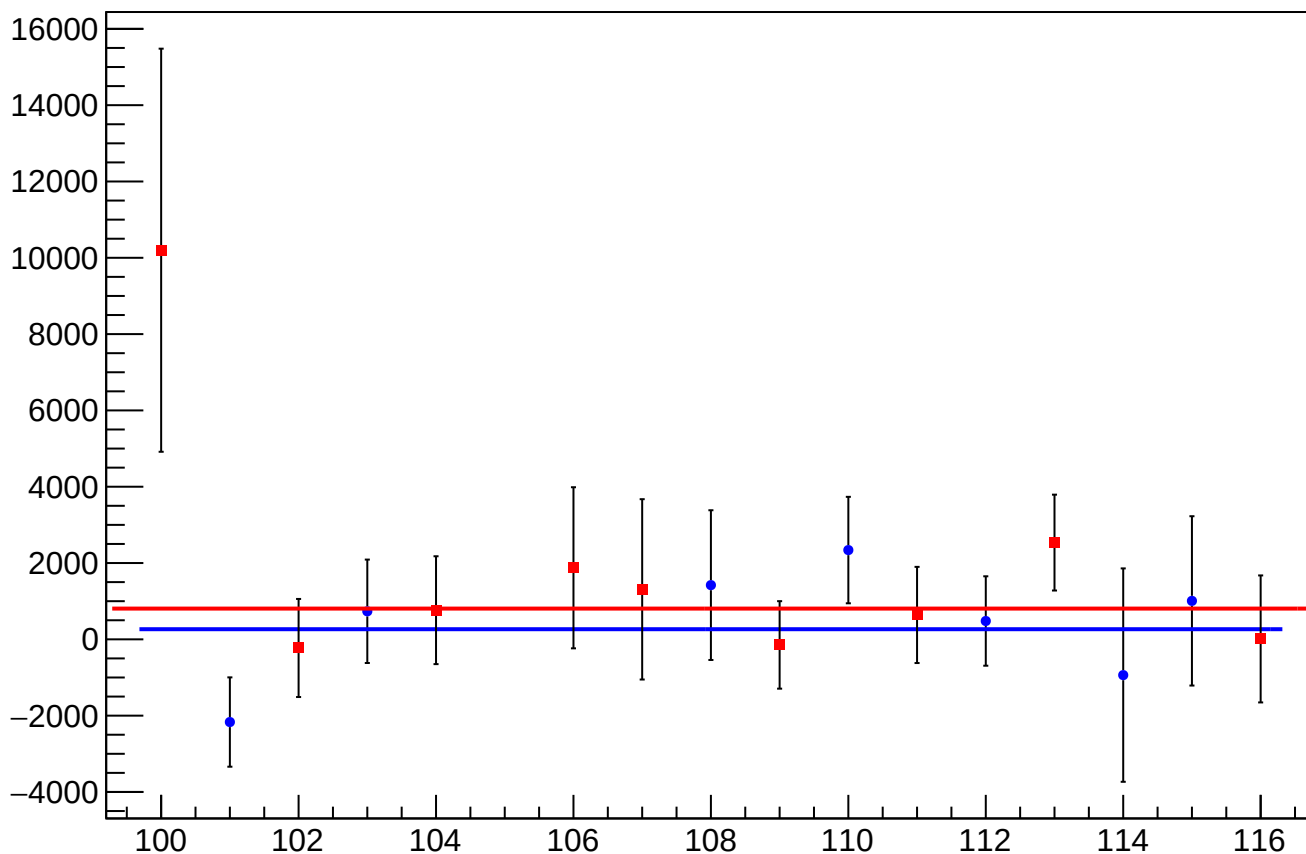
Right: 75.945+/-0.023 χ^2/NDF : 672606.9/15

In: 77.235+/-0.034 χ^2/NDF : 292220.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.945+/-0.023 χ^2/NDF : 672606.9/15

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 265.564 $\pm$ 567.336 χ^2 /NDF: 7.3/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 806.080 $\pm$ 504.433 χ^2 /NDF: 6.9/8

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

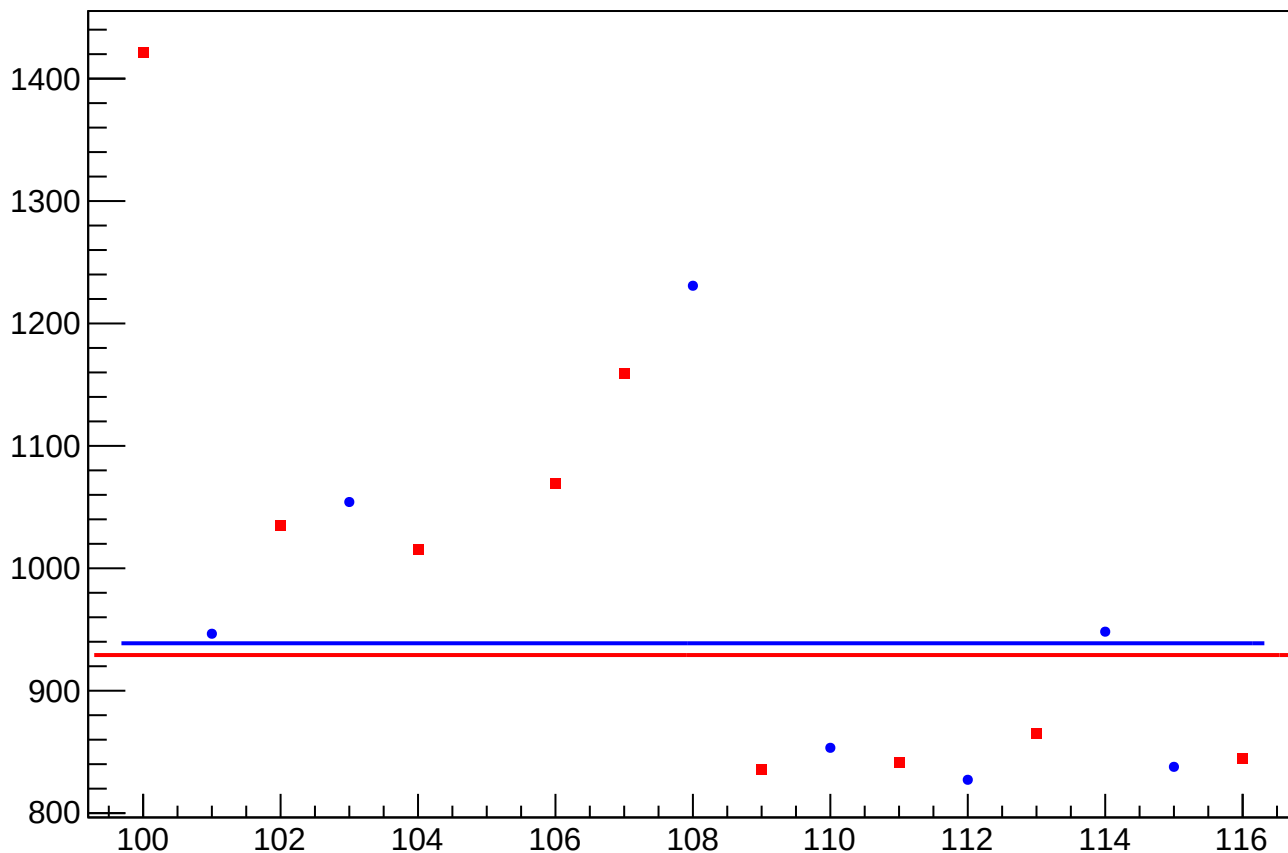
Right: 567.436 $\pm$ 376.974 χ^2 /NDF: 14.8/15

In: 265.564 $\pm$ 567.336 χ^2 /NDF:7.3/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 567.436 $\pm$ 376.974 χ^2 /NDF: 14.8/15

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 938.756+/-0.401 χ^2/NDF : 88668.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 929.142+/-0.357 χ^2/NDF : 99485.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

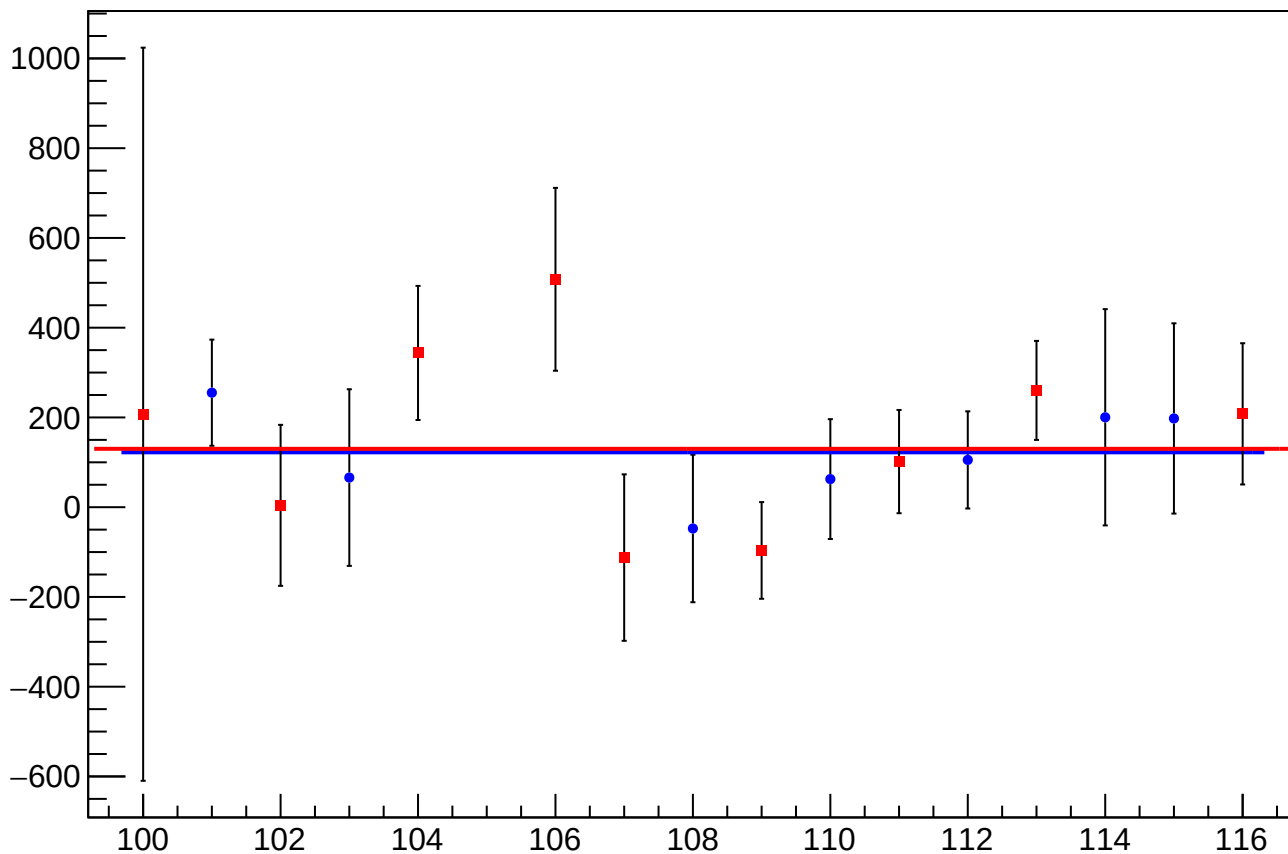
Right: 933.387+/-0.267 χ^2/NDF : 188474.8/15

In: 938.756+/-0.401 χ^2/NDF : 88668.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.387+/-0.267 χ^2/NDF : 188474.8/15

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 122.262 $\pm$ 56.323 χ^2 /NDF: 2.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.097 $\pm$ 49.101 χ^2 /NDF: 13.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

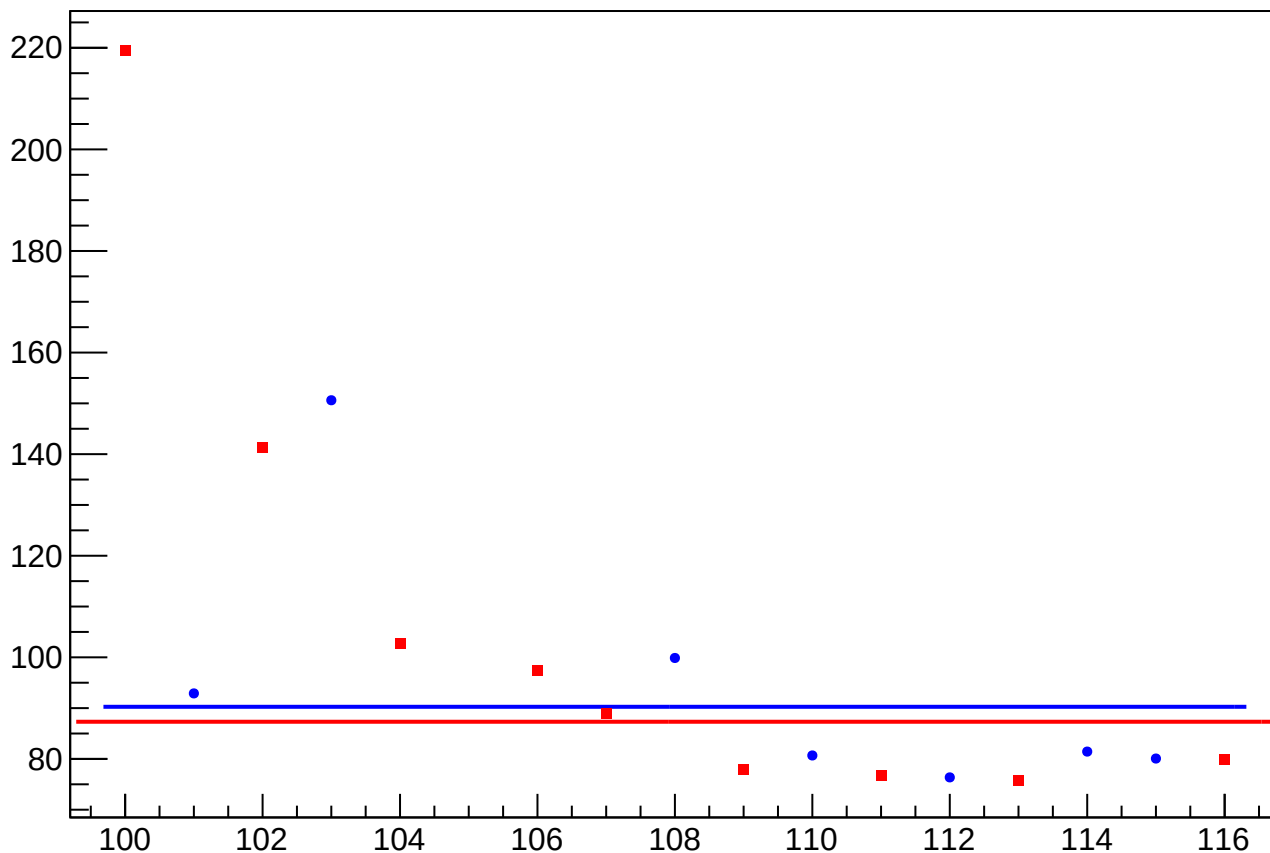
Right: 126.714 $\pm$ 37.011 χ^2 /NDF: 16.7/15

In: 122.262 $\pm$ 56.323 χ^2 /NDF:2.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.714 $\pm$ 37.011 χ^2 /NDF: 16.7/15

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 90.261+/-0.040 χ^2/NDF : 246463.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 87.318+/-0.035 χ^2/NDF : 318269.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

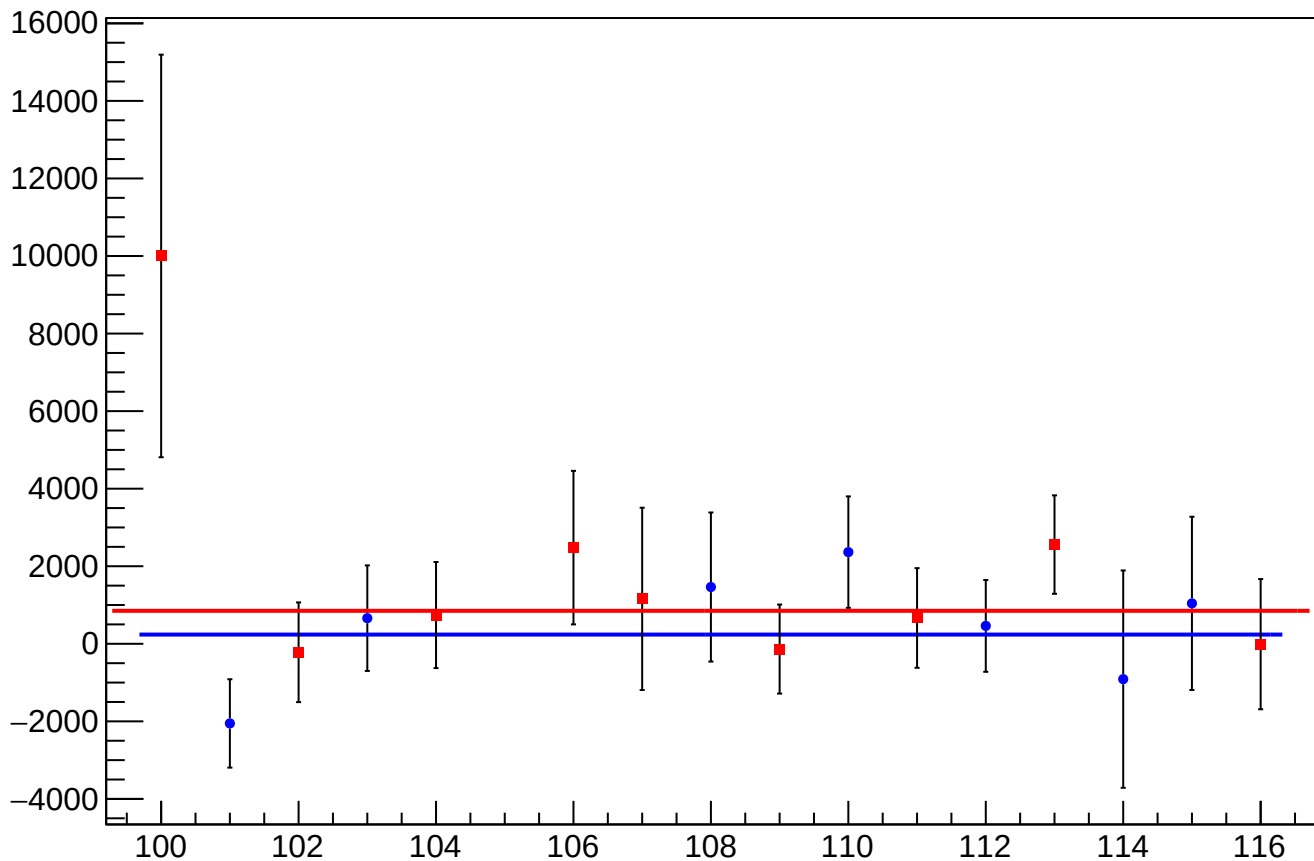
Right: 88.589+/-0.026 χ^2/NDF : 567836.7/15

In: 90.261+/-0.040 χ^2/NDF :246463.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 88.589+/-0.026 χ^2/NDF : 567836.7/15

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 237.708+/-567.324 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.607+/-502.990 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

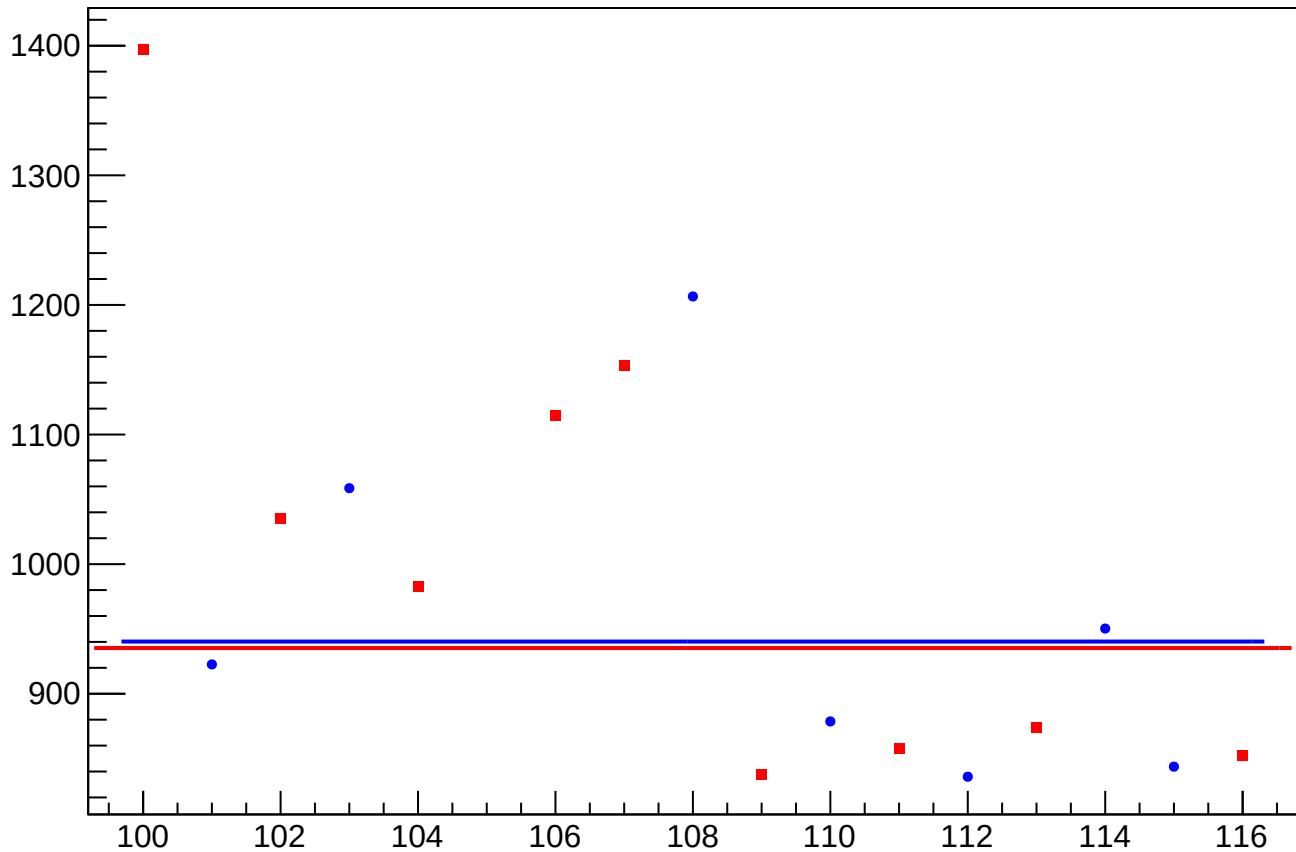
Right: 580.865+/-376.367 χ^2/NDF : 15.1/15

In: 237.708+/-567.324 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.865+/-376.367 χ^2/NDF : 15.1/15

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 940.284+/-0.401 χ^2/NDF : 76949.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.288+/-0.356 χ^2/NDF : 95113.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

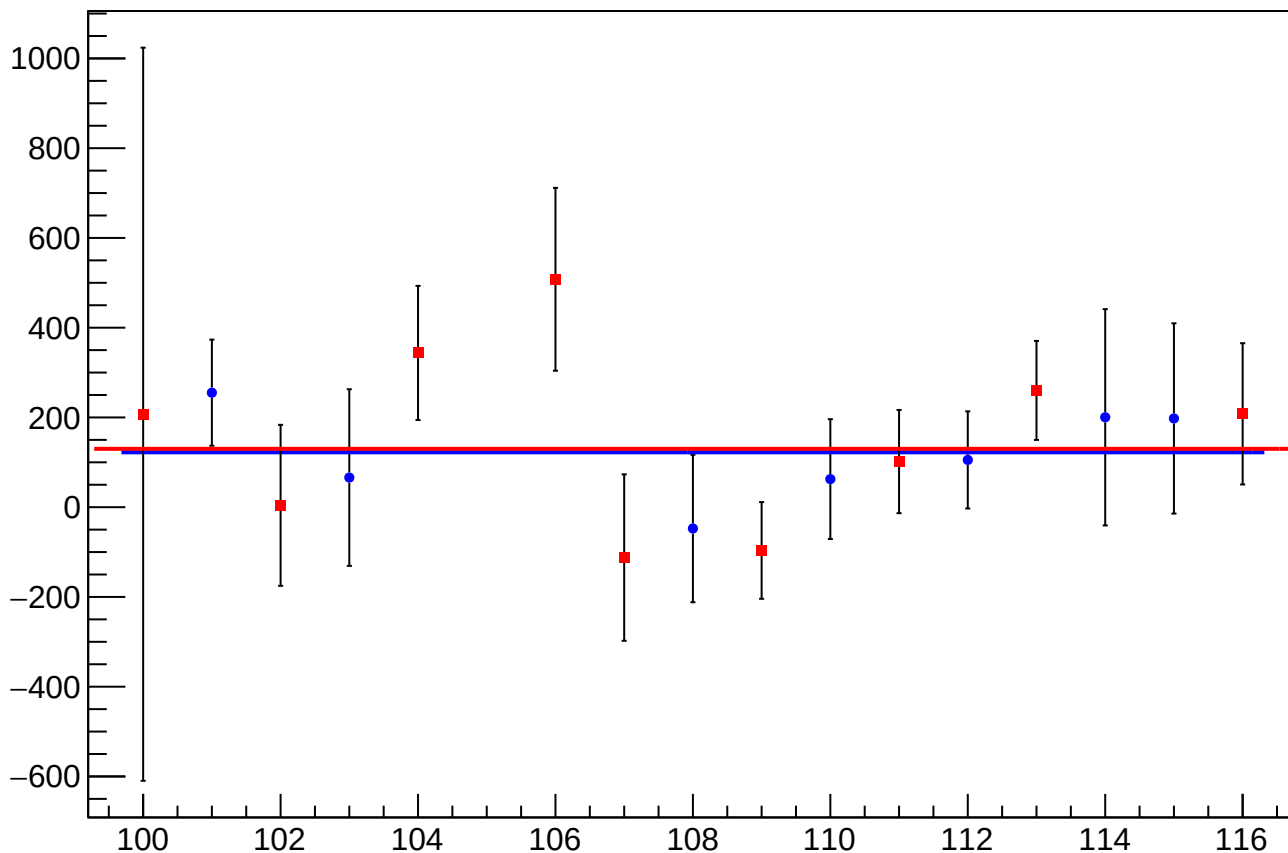
Right: 937.487+/-0.266 χ^2/NDF : 172149.8/15

In: 940.284+/-0.401 χ^2/NDF : 76949.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.487+/-0.266 χ^2/NDF : 172149.8/15

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 122.259+/-56.323 χ^2/NDF : 2.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.094+/-49.100 χ^2/NDF : 13.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

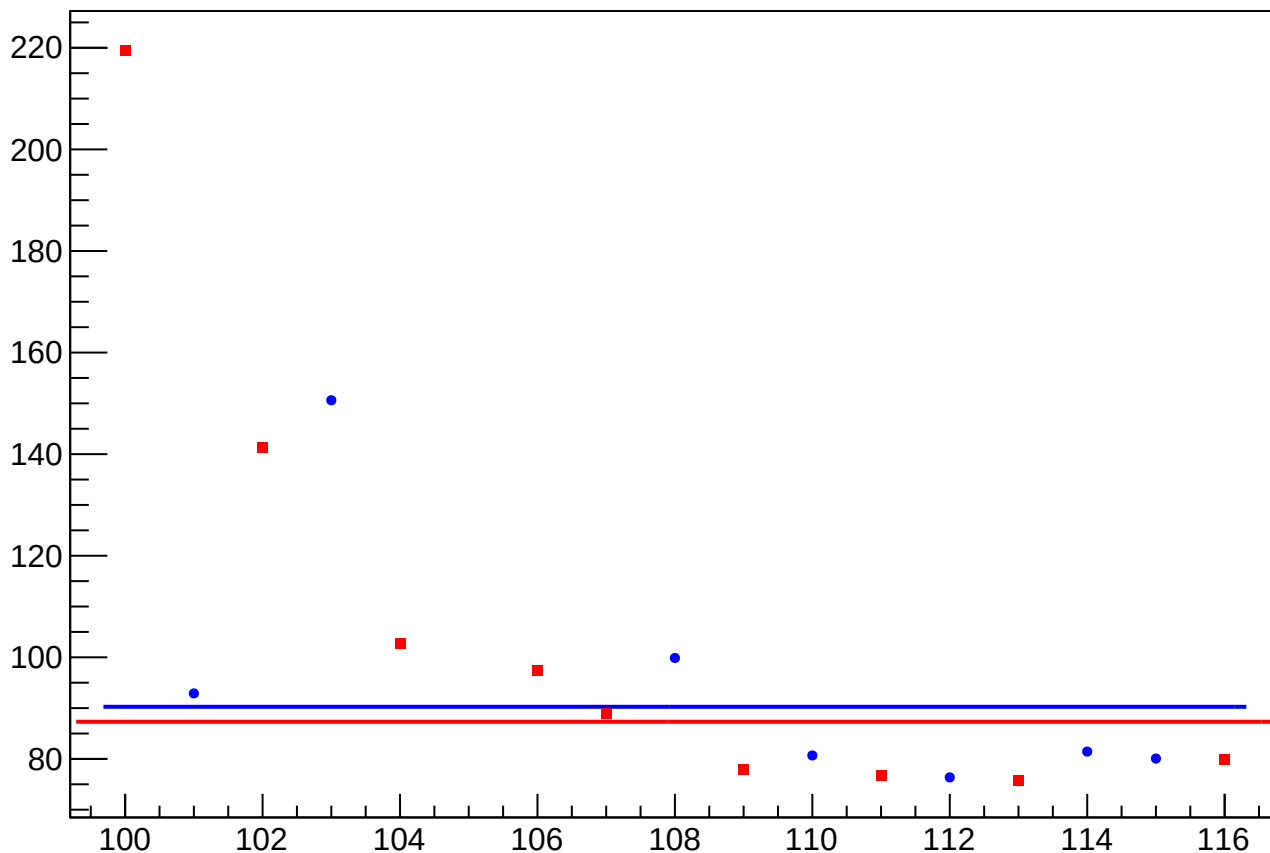
Right: 126.711+/-37.011 χ^2/NDF : 16.7/15

In: 122.259+/-56.323 χ^2/NDF : 2.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.711+/-37.011 χ^2/NDF : 16.7/15

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 90.261+/-0.040 χ^2/NDF : 246469.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.318+/-0.035 χ^2/NDF : 318278.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

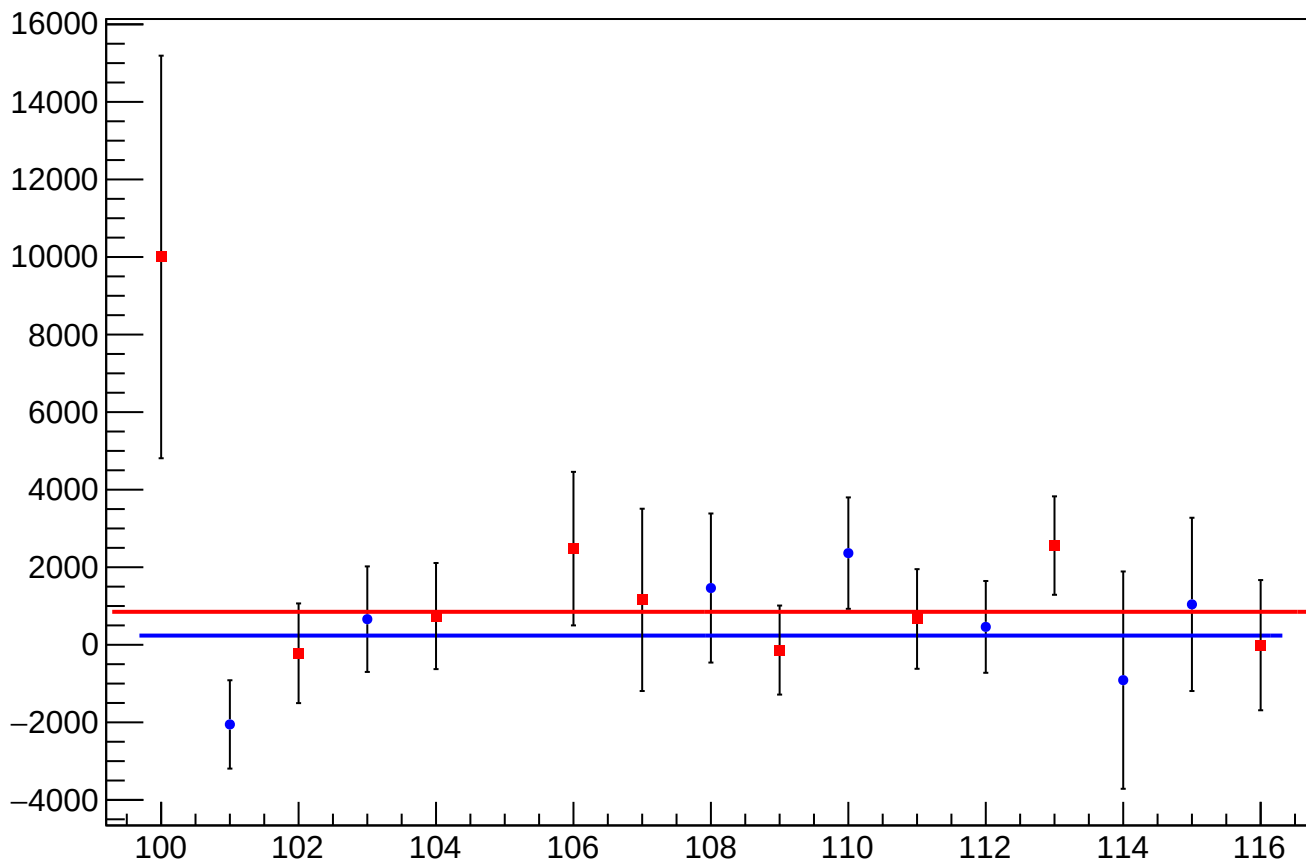
Right: 88.589+/-0.026 χ^2/NDF : 567852.0/15

In: 90.261+/-0.040 χ^2/NDF : 246469.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.589+/-0.026 χ^2/NDF : 567852.0/15

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 237.708+/-567.323 χ^2/NDF : 7.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.605+/-502.988 χ^2/NDF : 7.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

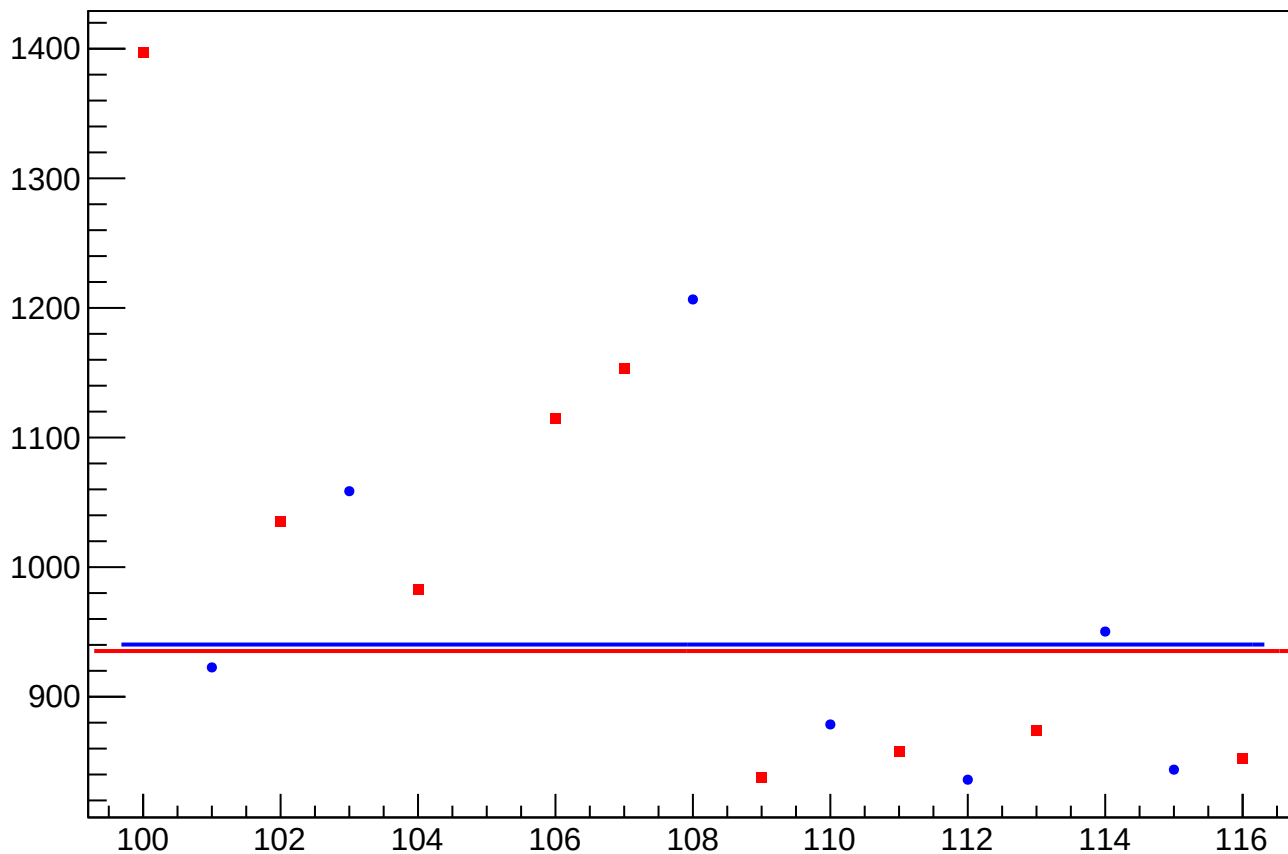
Right: 580.864+/-376.366 χ^2/NDF : 15.1/15

In: 237.708+/-567.323 χ^2/NDF : 7.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.864+/-376.366 χ^2/NDF : 15.1/15

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 940.281+/-0.401 χ^2/NDF : 76950.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 935.285+/-0.356 χ^2/NDF : 95115.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

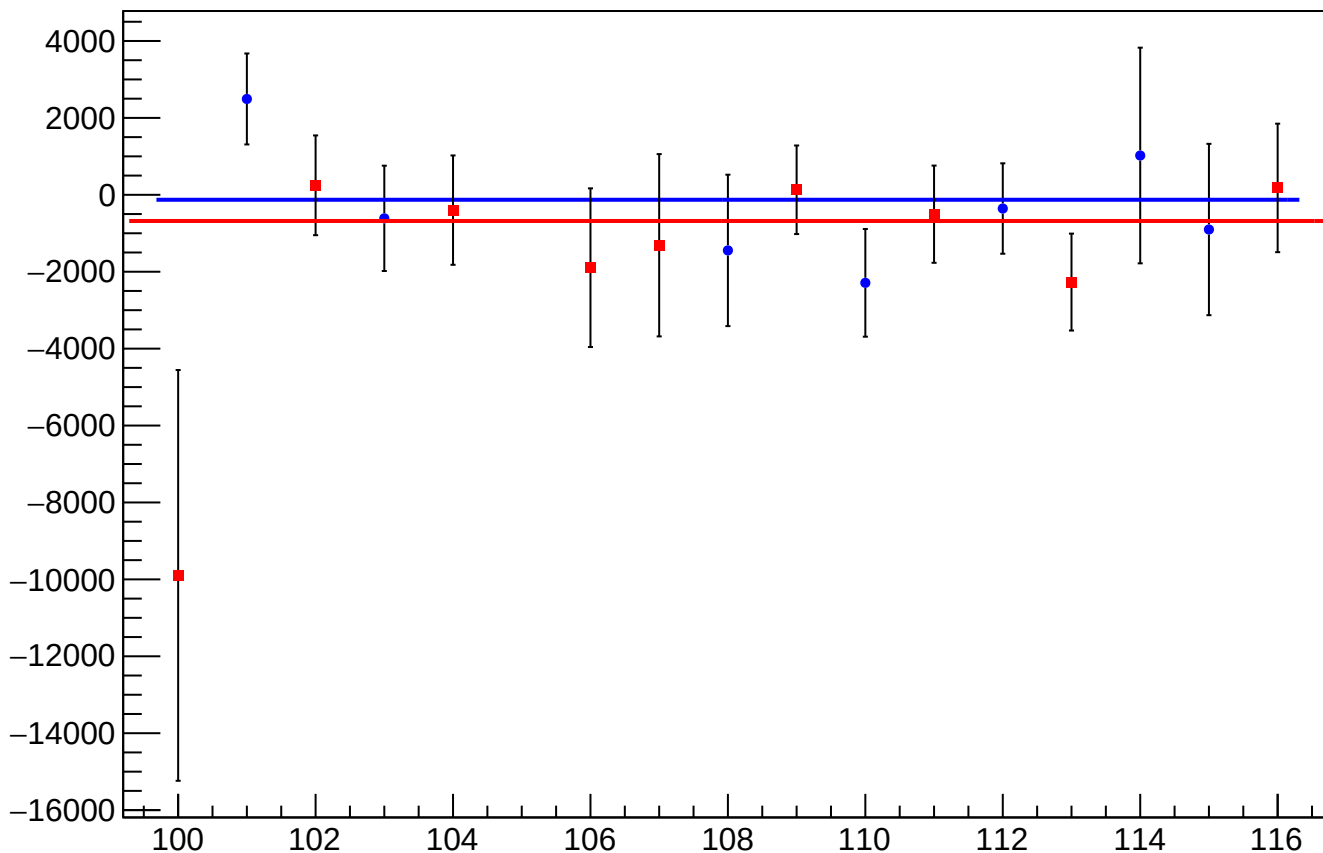
Right: 937.484+/-0.266 χ^2/NDF : 172152.3/15

In: 940.281+/-0.401 χ^2/NDF :76950.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 937.484+/-0.266 χ^2/NDF : 172152.3/15

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -128.536+/-570.890 χ^2 /NDF: 8.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -680.429+/-506.037 χ^2 /NDF: 6.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

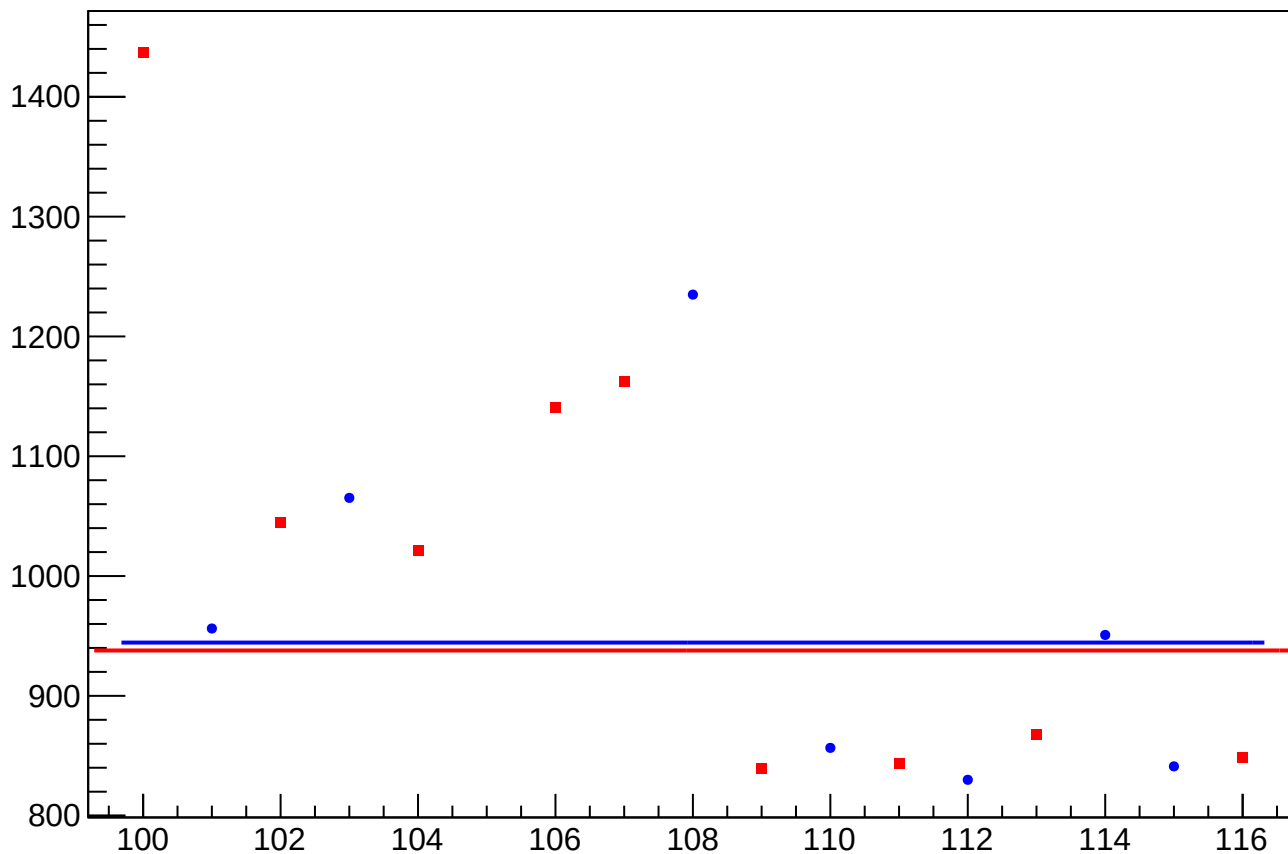
Right: -437.598+/-378.684 χ^2 /NDF: 15.0/15

In: -128.536+/-570.890 χ^2 /NDF:8.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -437.598+/-378.684 χ^2 /NDF: 15.0/15

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 944.475+/-0.404 χ^2/NDF : 90459.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.877+/-0.358 χ^2/NDF : 112794.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

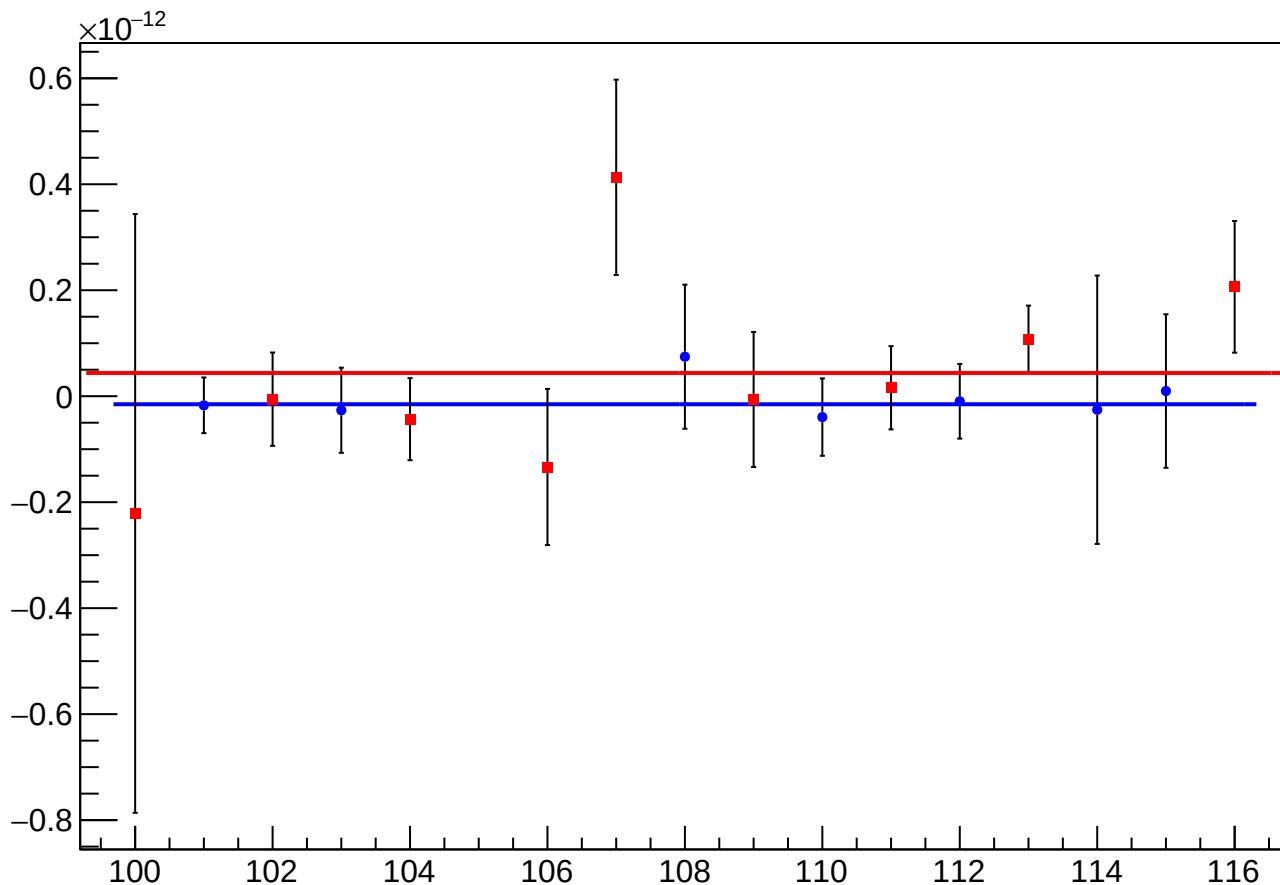
Right: 940.780+/-0.268 χ^2/NDF : 203403.2/15

In: 944.475+/-0.404 χ^2/NDF : 90459.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.780+/-0.268 χ^2/NDF : 203403.2/15

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

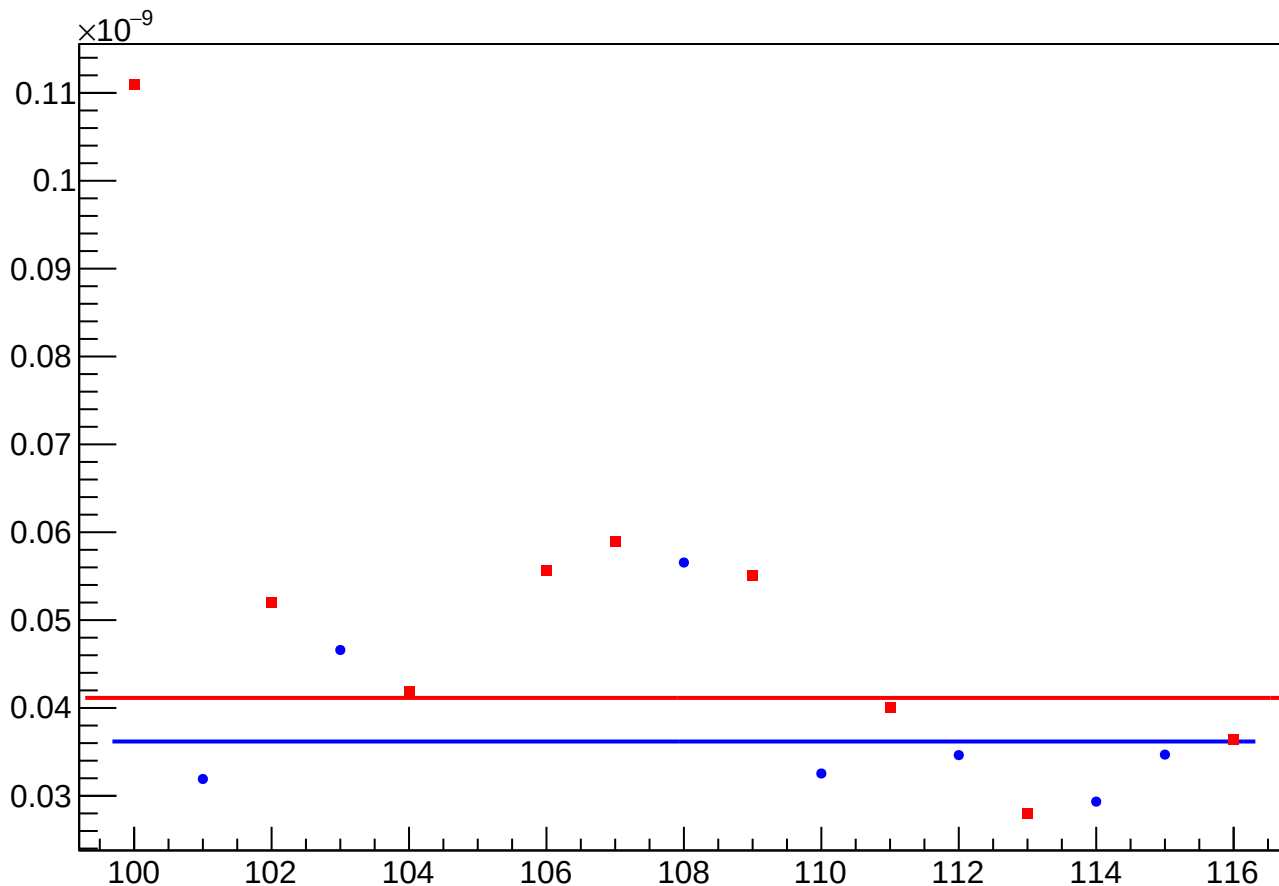
Right: 0.000+/-0.000 χ^2/NDF : 12.6/15

In: -0.000+/-0.000 χ^2/NDF : 0.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/15

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 99236.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 213387.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

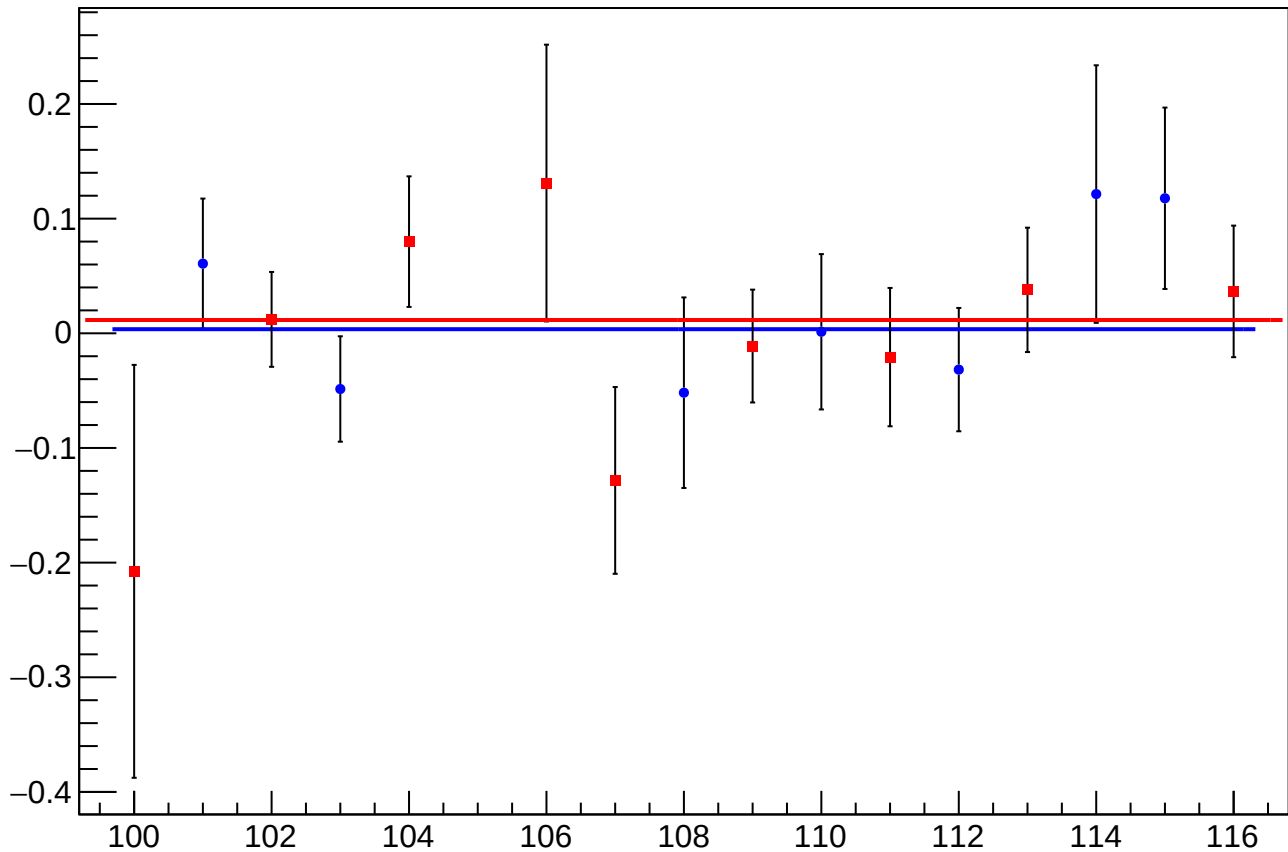
Right: 0.000+/-0.000 χ^2/NDF : 336391.3/15

In: 0.000+/-0.000 χ^2/NDF : 99236.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 336391.3/15

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.024 χ^2 /NDF: 6.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.020 χ^2 /NDF: 7.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

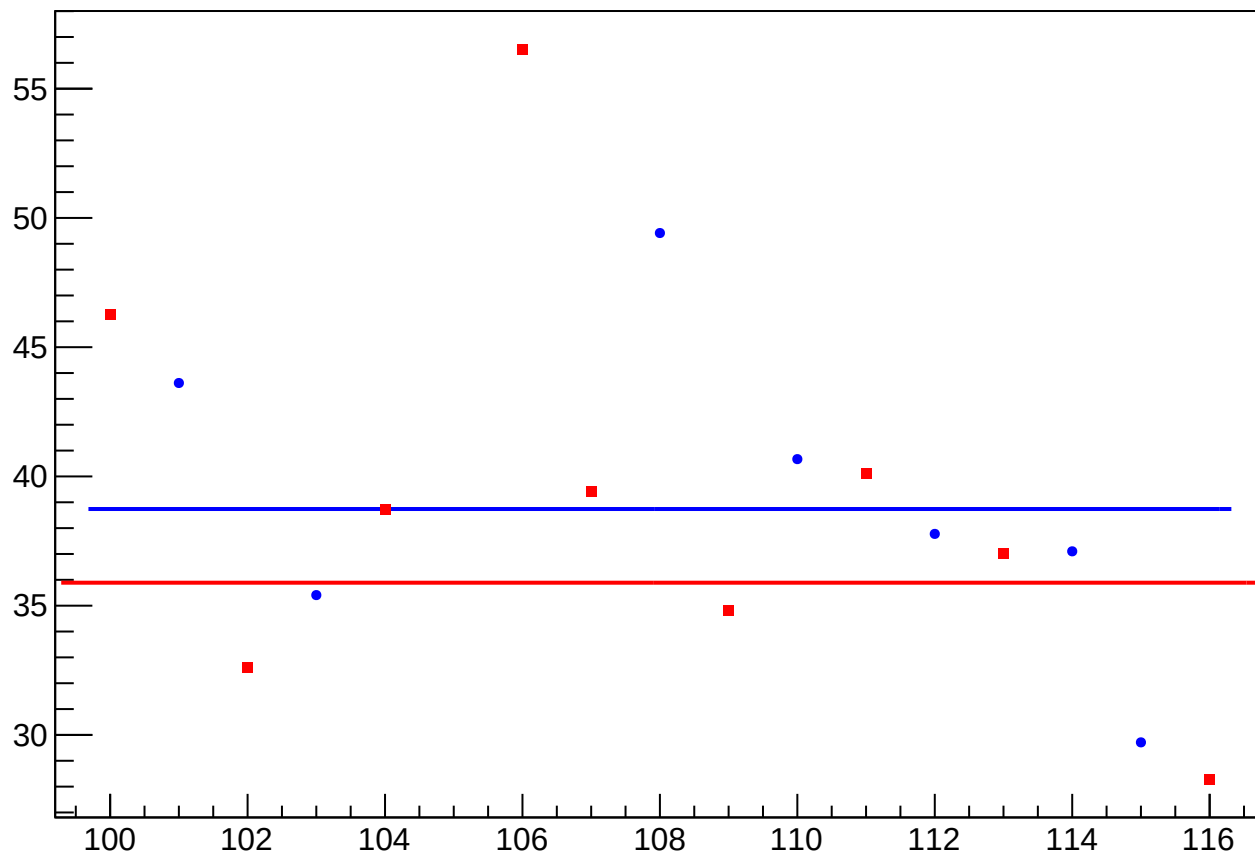
Right: 0.008 $\pm$ 0.015 χ^2 /NDF: 14.2/15

In: 0.004 $\pm$ 0.024 χ^2 /NDF:6.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.015 χ^2 /NDF: 14.2/15

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.740+/-0.017 χ^2/NDF : 87026.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.889+/-0.014 χ^2/NDF : 133328.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

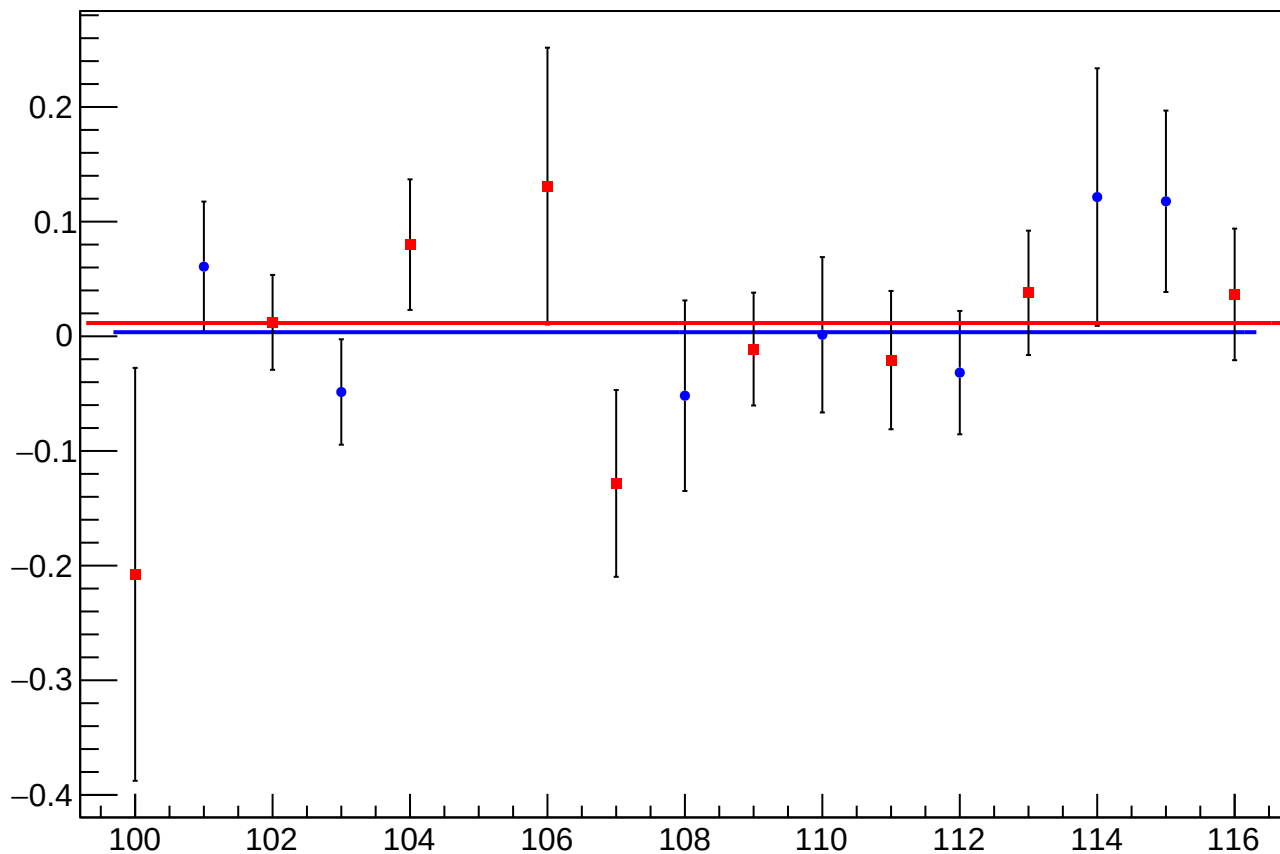
Right: 37.062+/-0.011 χ^2/NDF : 236911.5/15

In: 38.740+/-0.017 χ^2/NDF : 87026.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.062+/-0.011 χ^2/NDF : 236911.5/15

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.024 χ^2 /NDF: 6.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.020 χ^2 /NDF: 7.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

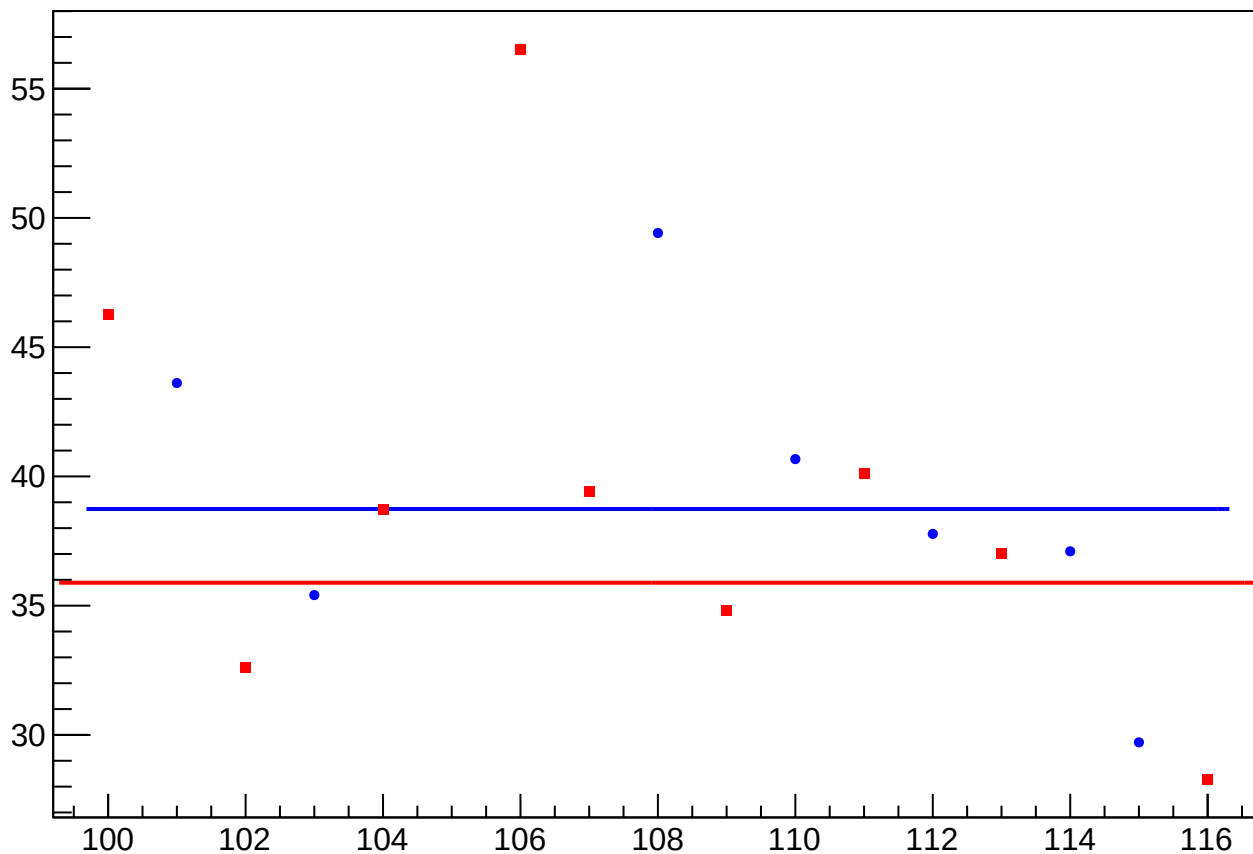
Right: 0.008 $\pm$ 0.015 χ^2 /NDF: 14.2/15

In: 0.004 $\pm$ 0.024 χ^2 /NDF:6.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.015 χ^2 /NDF: 14.2/15

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.740 $\pm$ 0.017 χ^2 /NDF: 87026.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.889 $\pm$ 0.014 χ^2 /NDF: 133328.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

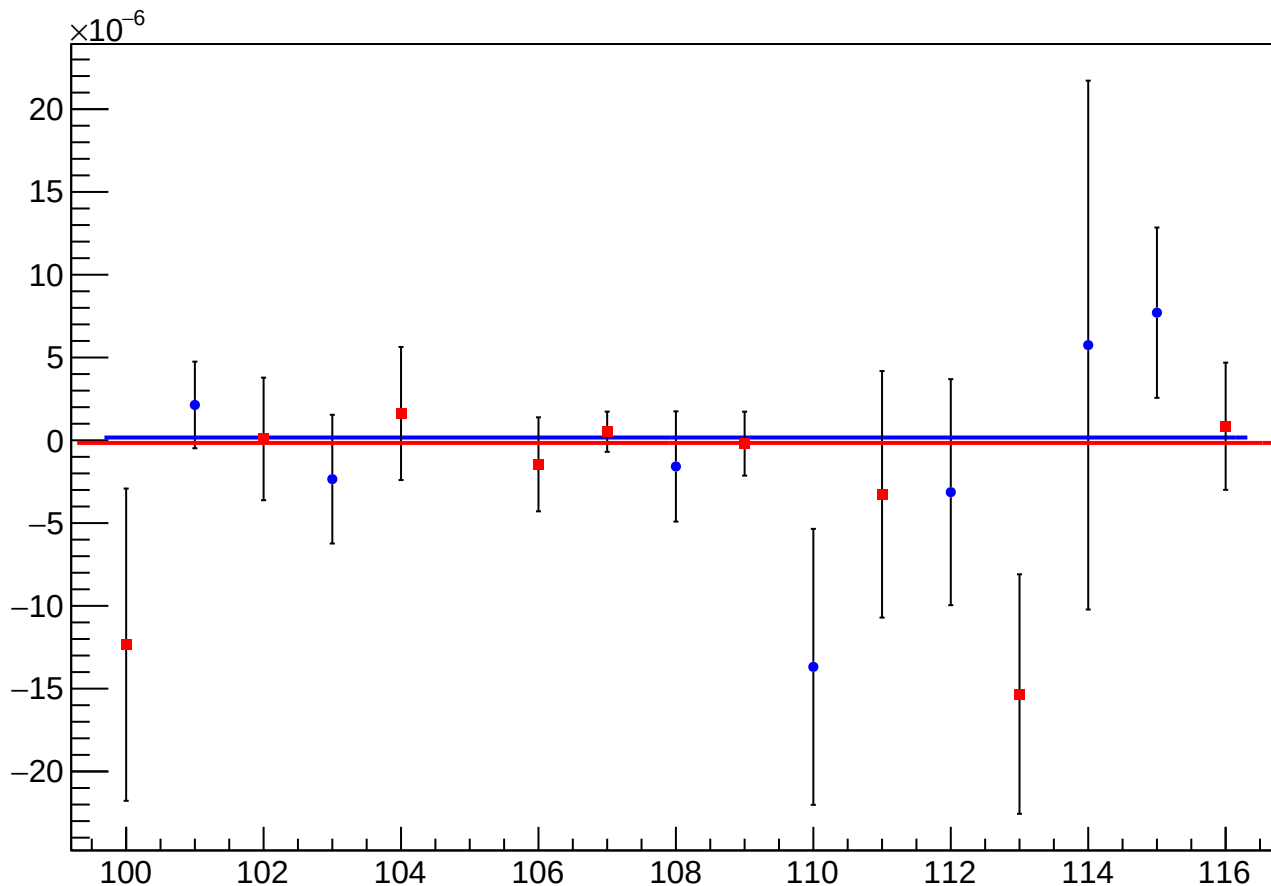
Right: 37.062 $\pm$ 0.011 χ^2 /NDF: 236911.5/15

In: 38.740 $\pm$ 0.017 χ^2 /NDF: 87026.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.062 $\pm$ 0.011 χ^2 /NDF: 236911.5/15

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

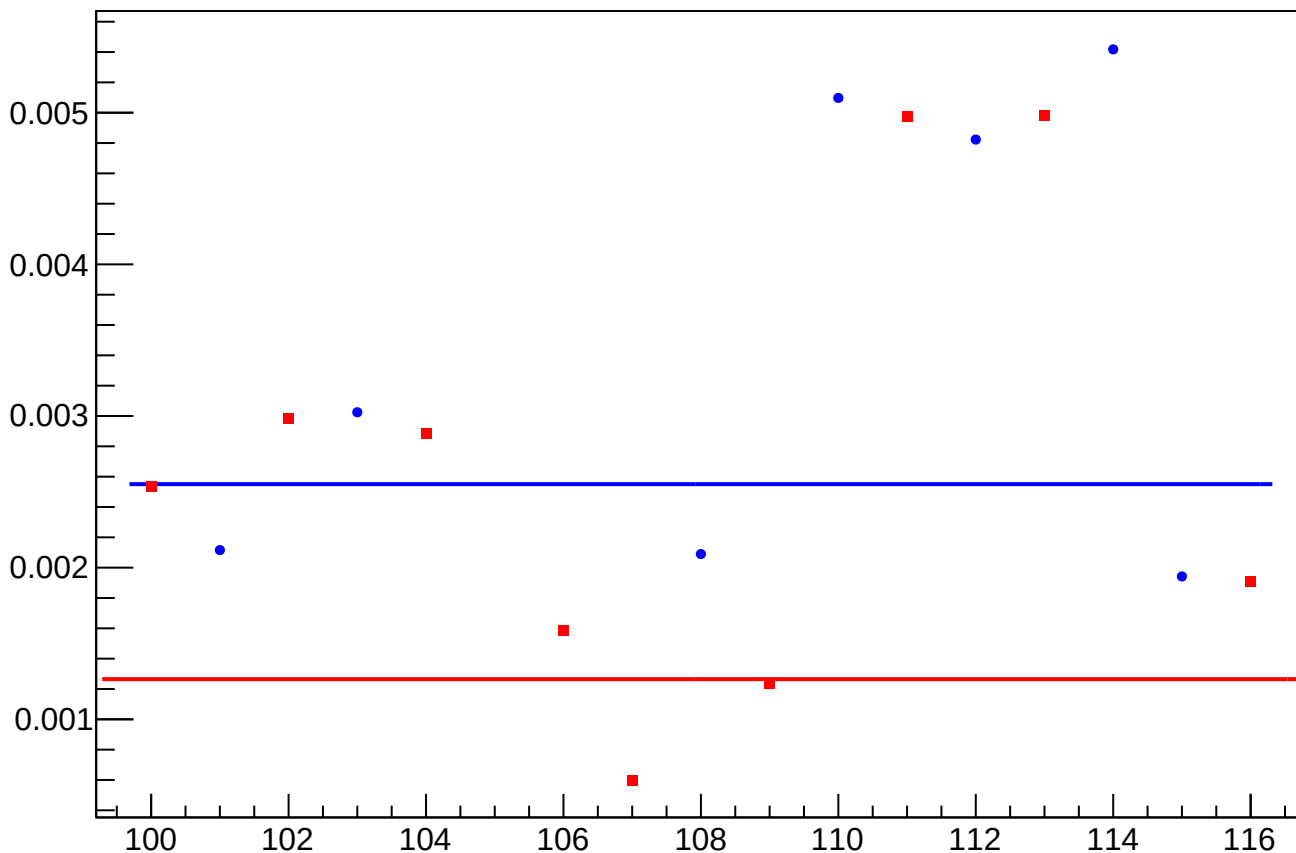
Right: -0.000+/-0.000 χ^2/NDF : 13.6/15

In: 0.000+/-0.000 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/15

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 624109.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2507970.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

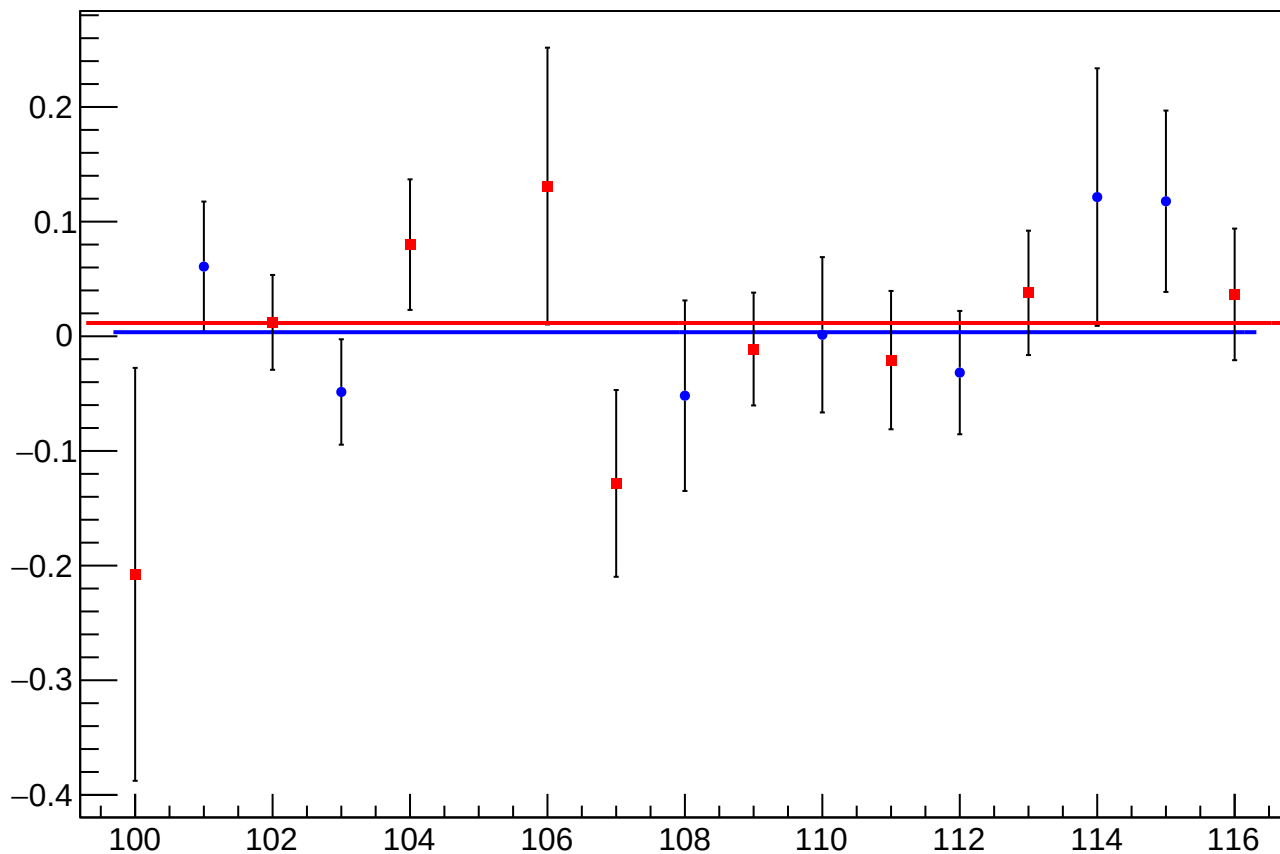
Right: 0.002+/-0.000 χ^2/NDF : 4107730.5/15

In: 0.003+/-0.000 χ^2/NDF :624109.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4107730.5/15

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.024 χ^2/NDF : 6.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.020 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

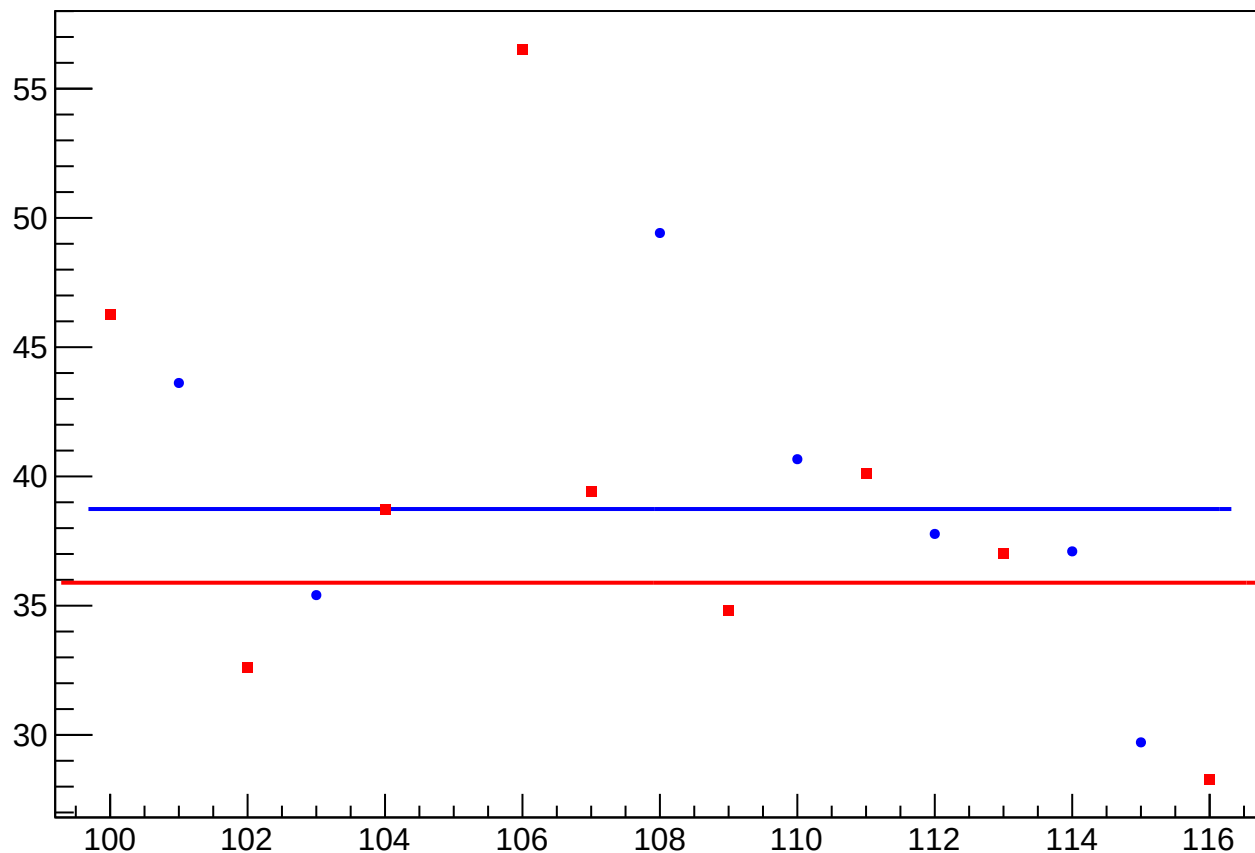
Right: 0.008+/-0.015 χ^2/NDF : 14.2/15

In: 0.004+/-0.024 χ^2/NDF :6.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.015 χ^2/NDF : 14.2/15

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.739+/-0.017 χ^2/NDF : 87034.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.888+/-0.014 χ^2/NDF : 133321.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

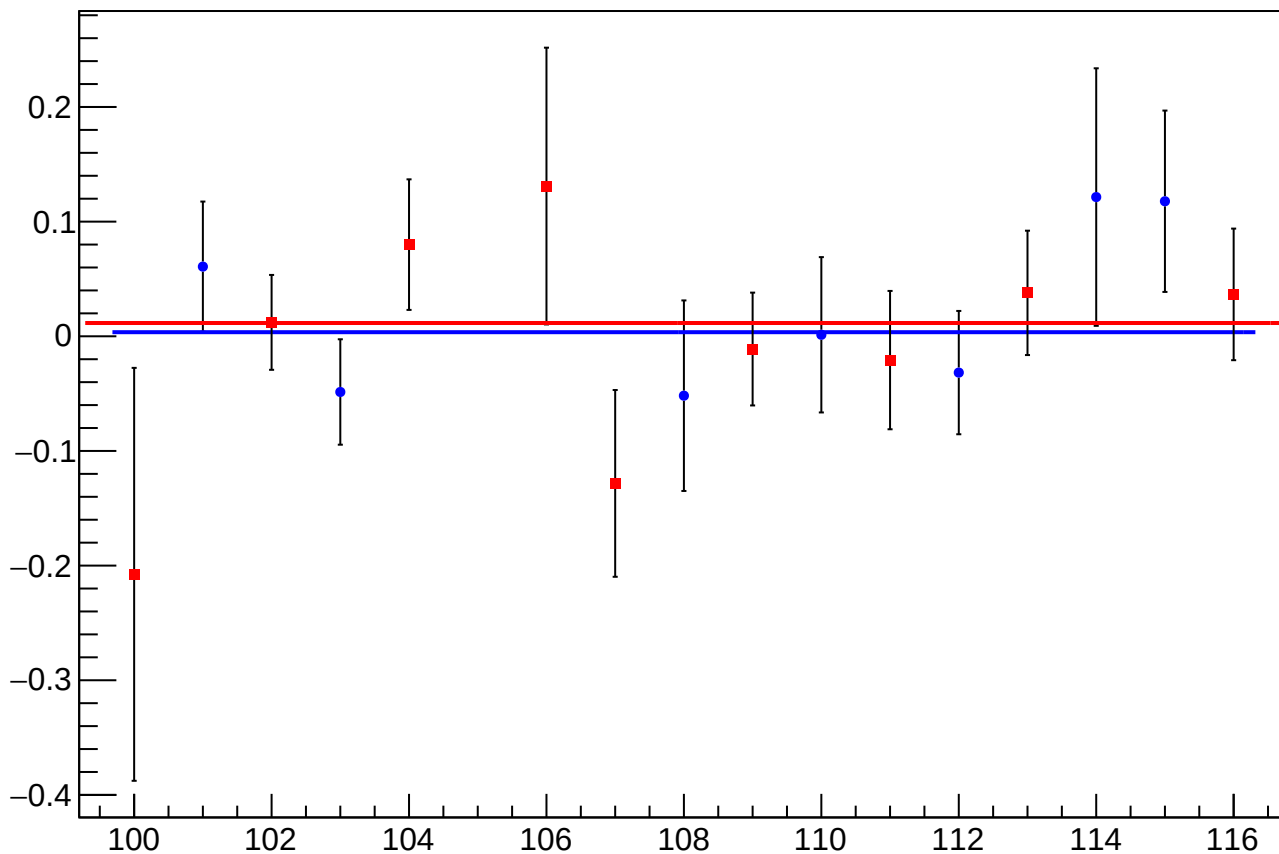
Right: 37.062+/-0.011 χ^2/NDF : 236911.9/15

In: 38.739+/-0.017 χ^2/NDF : 87034.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.062+/-0.011 χ^2/NDF : 236911.9/15

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.024 χ^2/NDF : 6.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.020 χ^2/NDF : 7.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

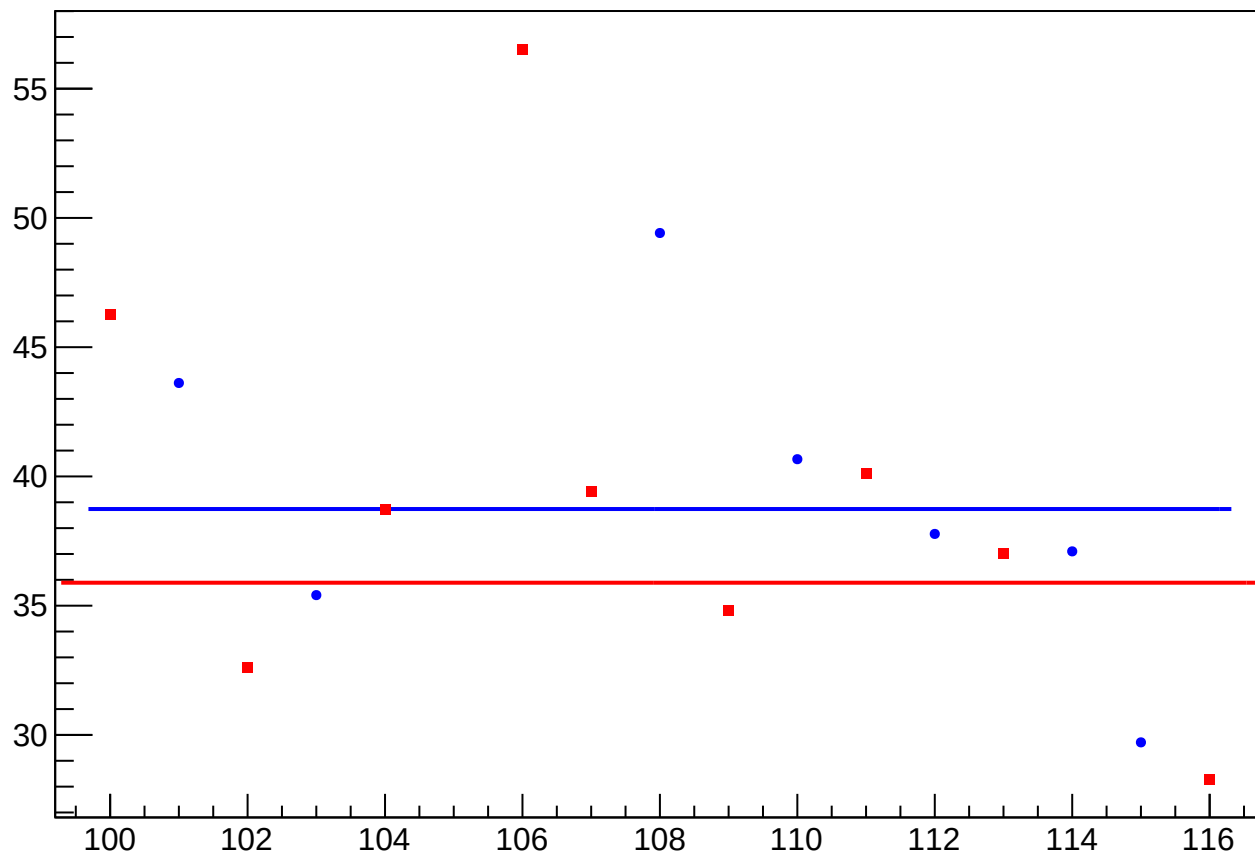
Right: 0.008+/-0.015 χ^2/NDF : 14.2/15

In: 0.004+/-0.024 χ^2/NDF :6.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.015 χ^2/NDF : 14.2/15

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.739+/-0.017 χ^2/NDF : 87034.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.888+/-0.014 χ^2/NDF : 133321.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

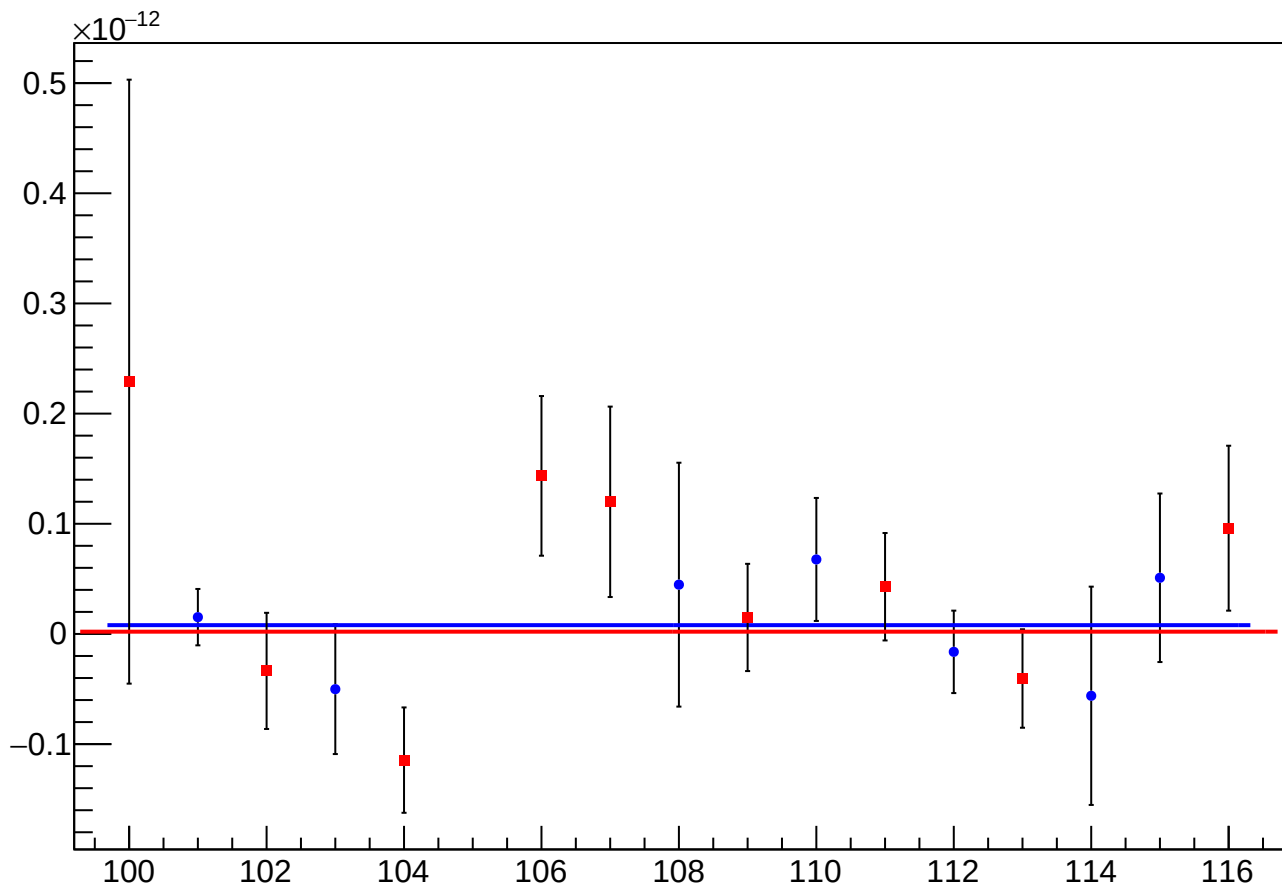
Right: 37.062+/-0.011 χ^2/NDF : 236911.9/15

In: 38.739+/-0.017 χ^2/NDF : 87034.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.062+/-0.011 χ^2/NDF : 236911.9/15

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

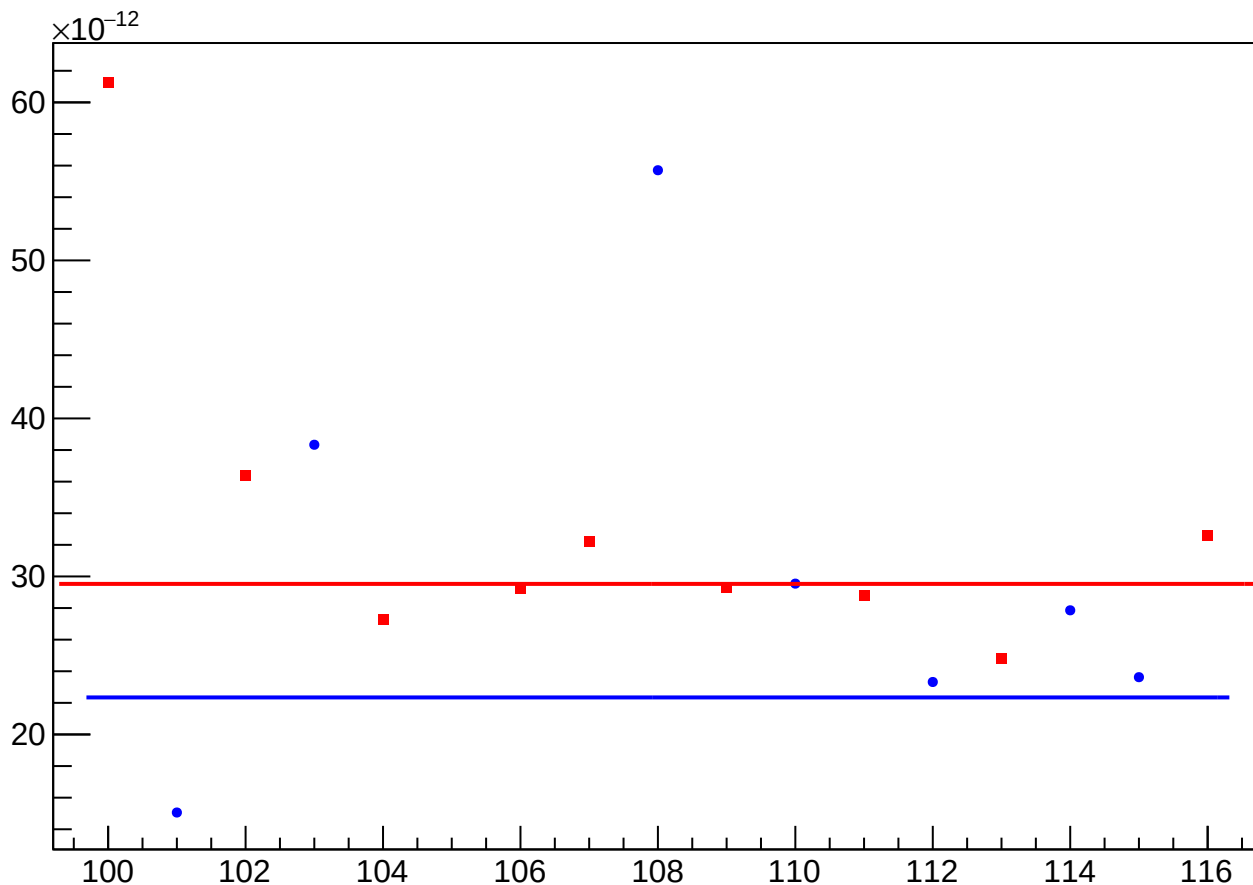
Right: 0.000+/-0.000 χ^2/NDF : 19.5/15

In: 0.000+/-0.000 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/15

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 532454.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 92838.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

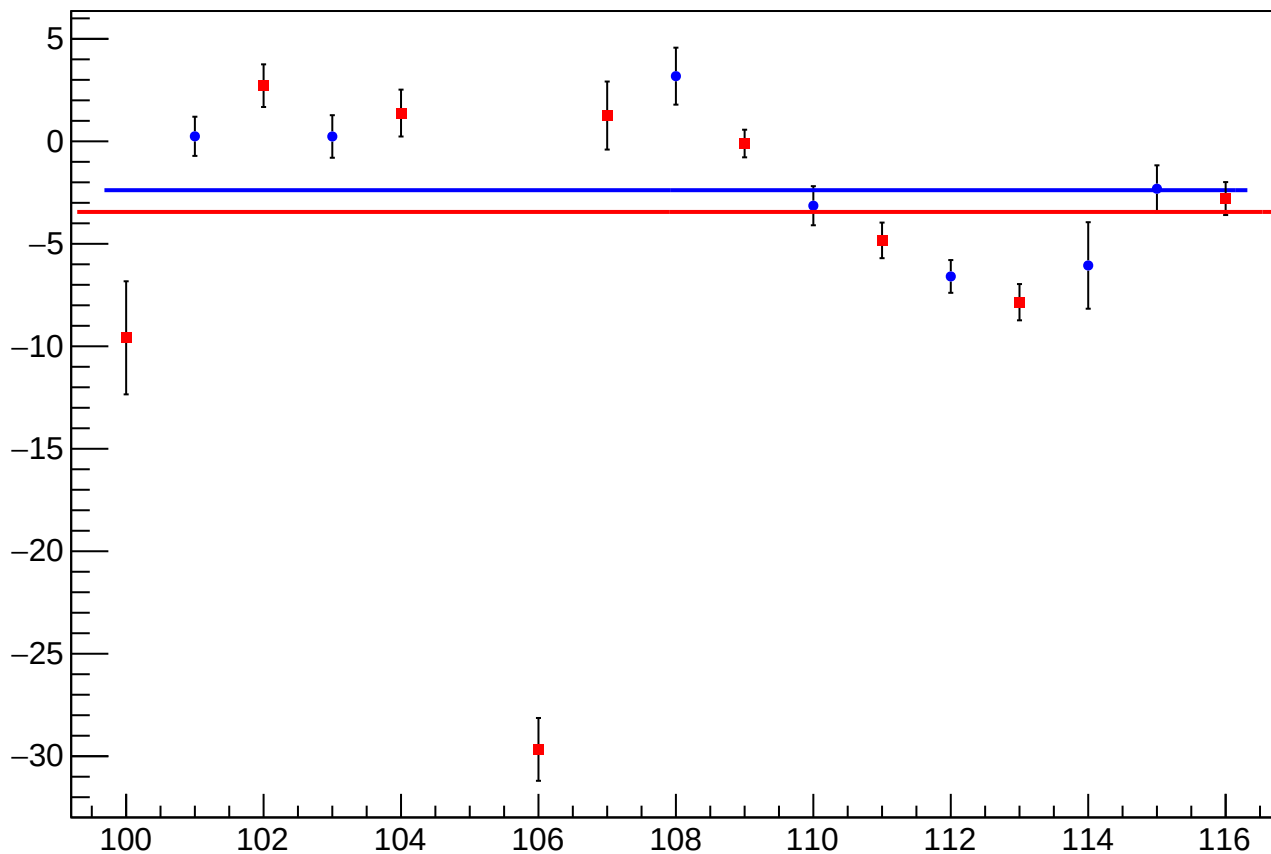
Right: 0.000+/-0.000 χ^2/NDF : 775259.2/15

In: 0.000+/-0.000 χ^2/NDF : 532454.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 775259.2/15

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.384 ± 0.402 χ^2/NDF : 61.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.444 ± 0.334 χ^2/NDF : 411.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

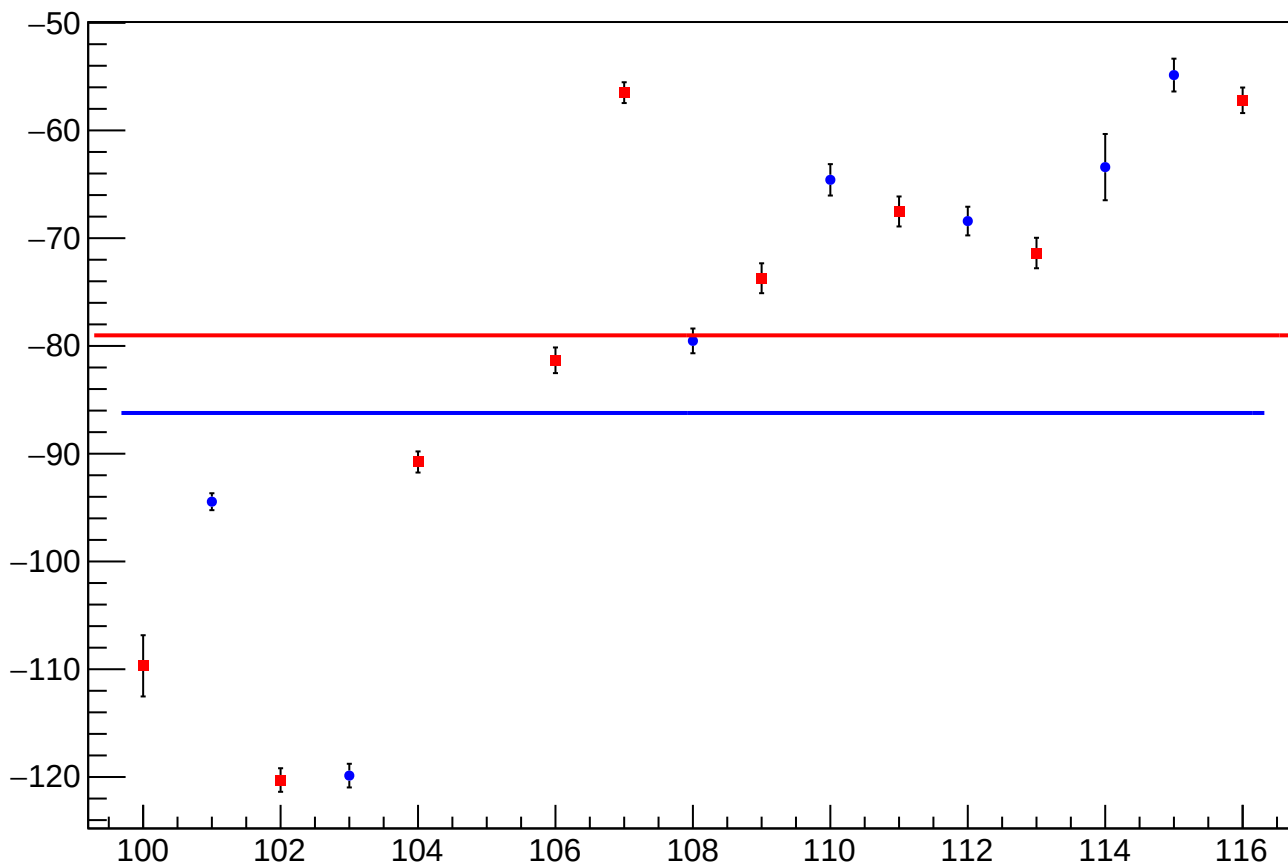
Right: -3.011 ± 0.257 χ^2/NDF : 476.6/15

In: -2.384 ± 0.402 χ^2/NDF : 61.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.011 ± 0.257 χ^2/NDF : 476.6/15

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -86.220+/-0.457 χ^2/NDF : 1962.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.017+/-0.407 χ^2/NDF : 2683.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

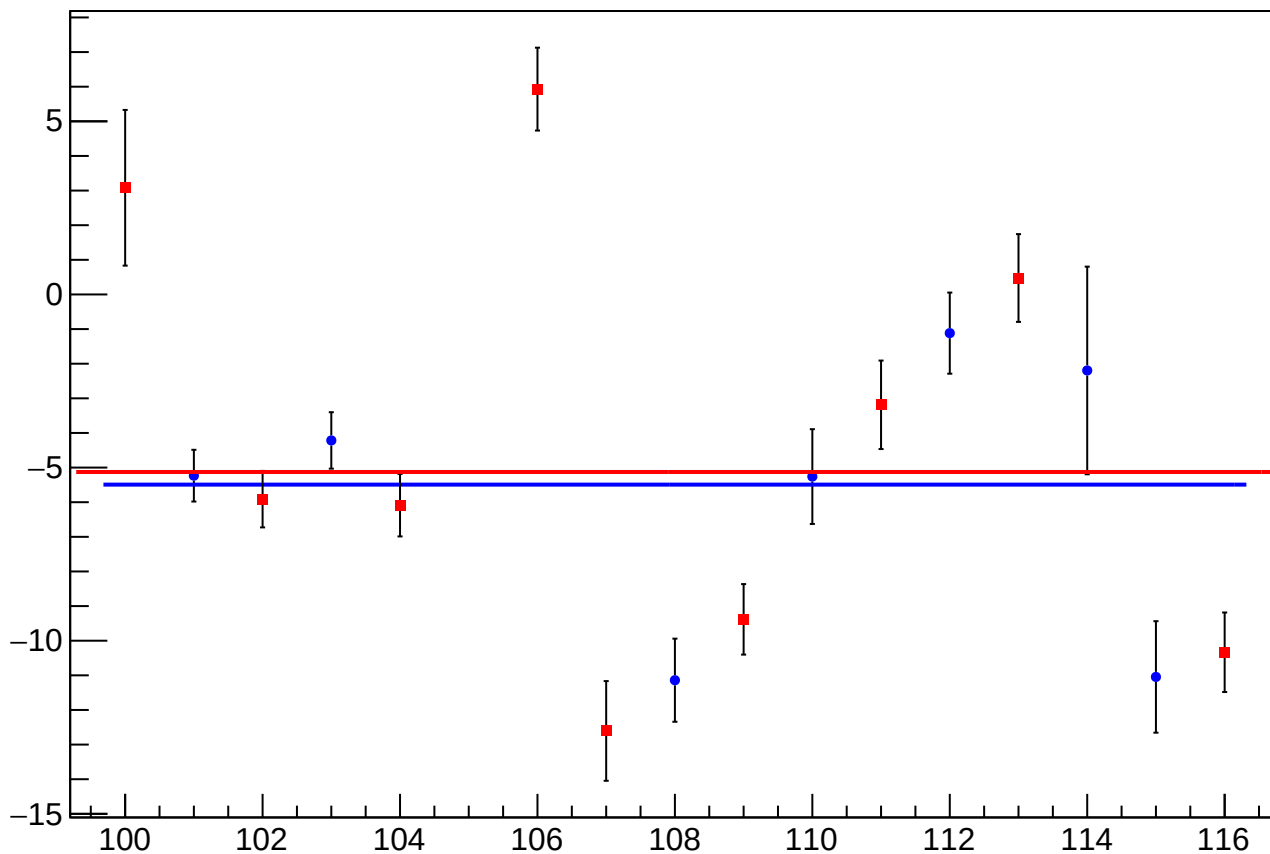
Right: -82.204+/-0.304 χ^2/NDF : 4783.9/15

In: -86.220+/-0.457 χ^2/NDF : 1962.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.204+/-0.304 χ^2/NDF : 4783.9/15

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.492+/-0.417 χ^2 /NDF: 51.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.127+/-0.376 χ^2 /NDF: 187.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

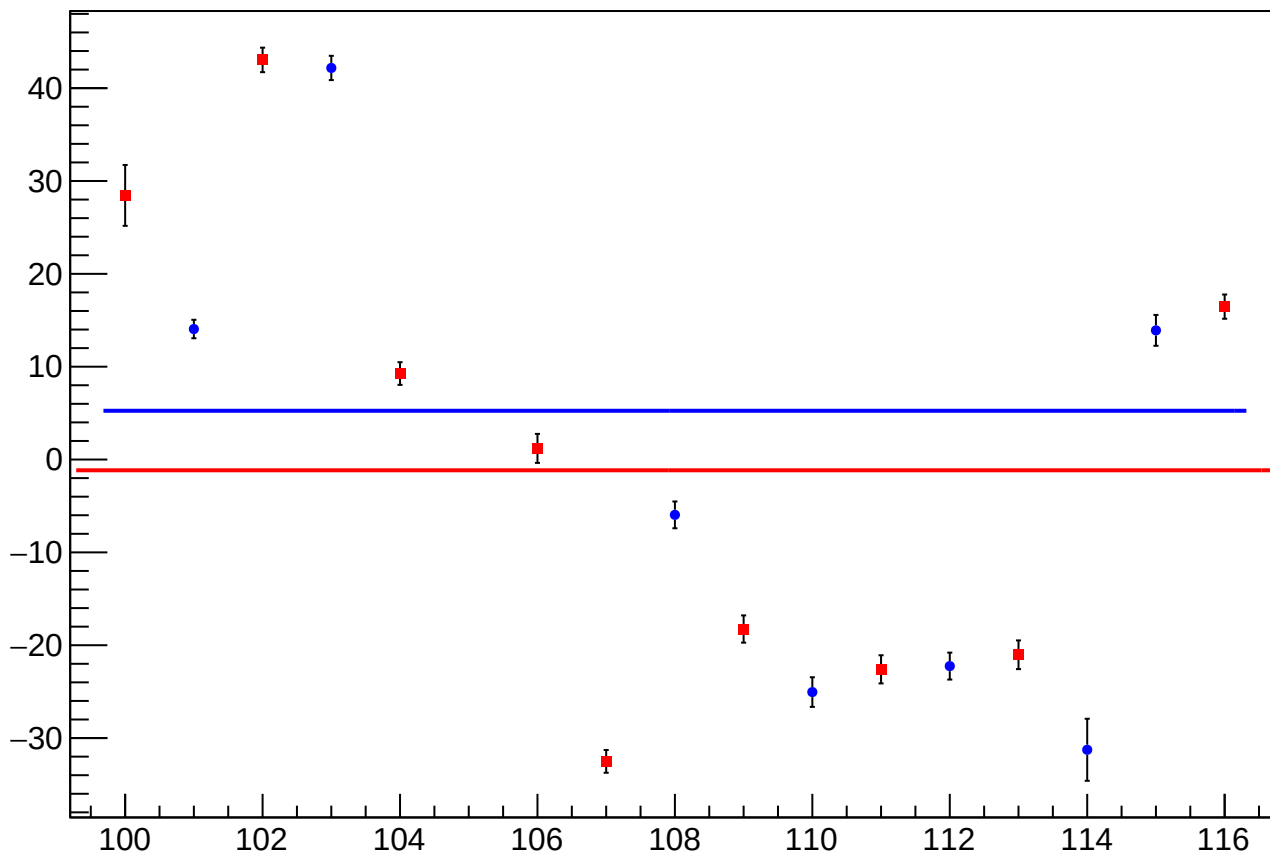
Right: -5.291+/-0.279 χ^2 /NDF: 239.8/15

In: -5.492+/-0.417 χ^2 /NDF:51.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.291+/-0.279 χ^2 /NDF: 239.8/15

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.252 $\pm$ 0.543 χ^2 /NDF: 1802.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.158 $\pm$ 0.481 χ^2 /NDF: 2616.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

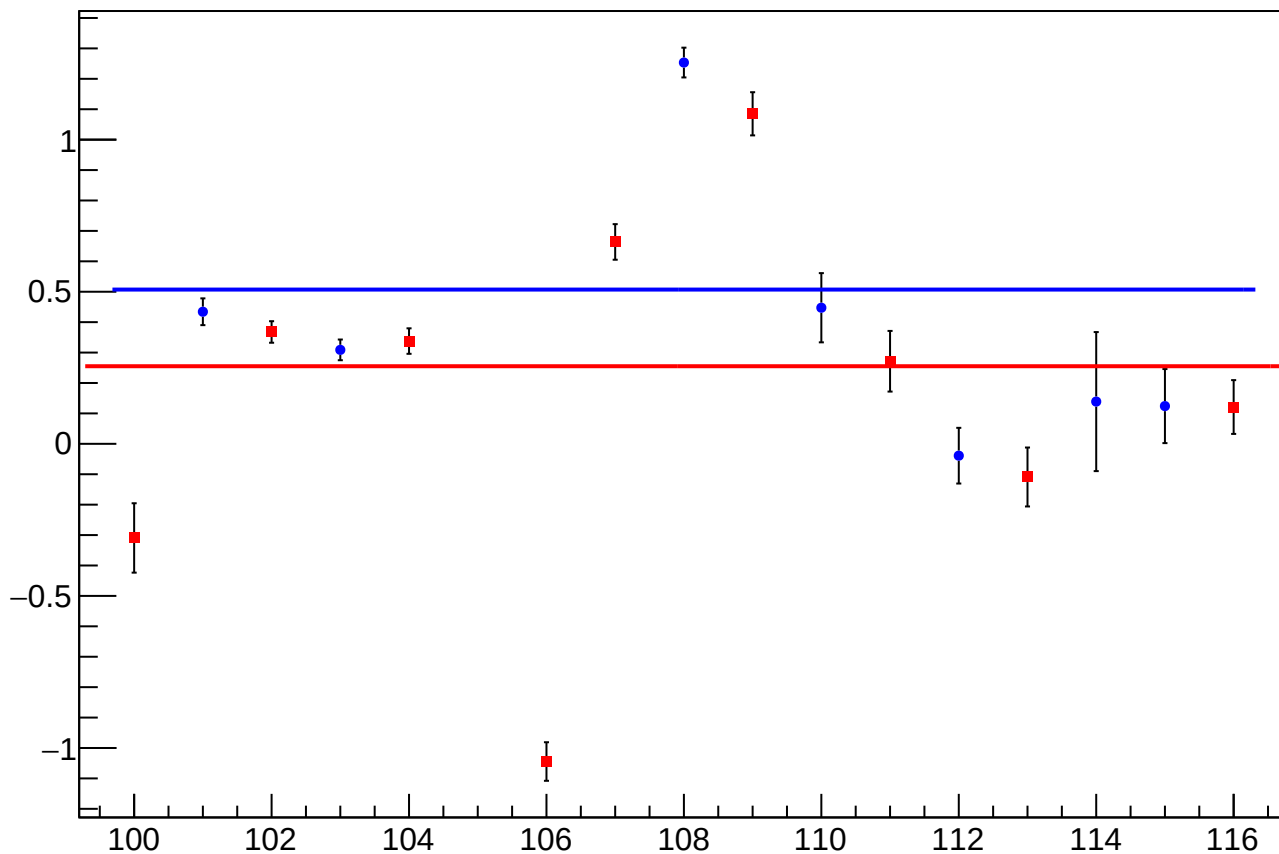
Right: 1.664 $\pm$ 0.360 χ^2 /NDF: 4496.8/15

In: 5.252 $\pm$ 0.543 χ^2 /NDF:1802.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.664 $\pm$ 0.360 χ^2 /NDF: 4496.8/15

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.507+/-0.022 χ^2/NDF : 317.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.255+/-0.020 χ^2/NDF : 660.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

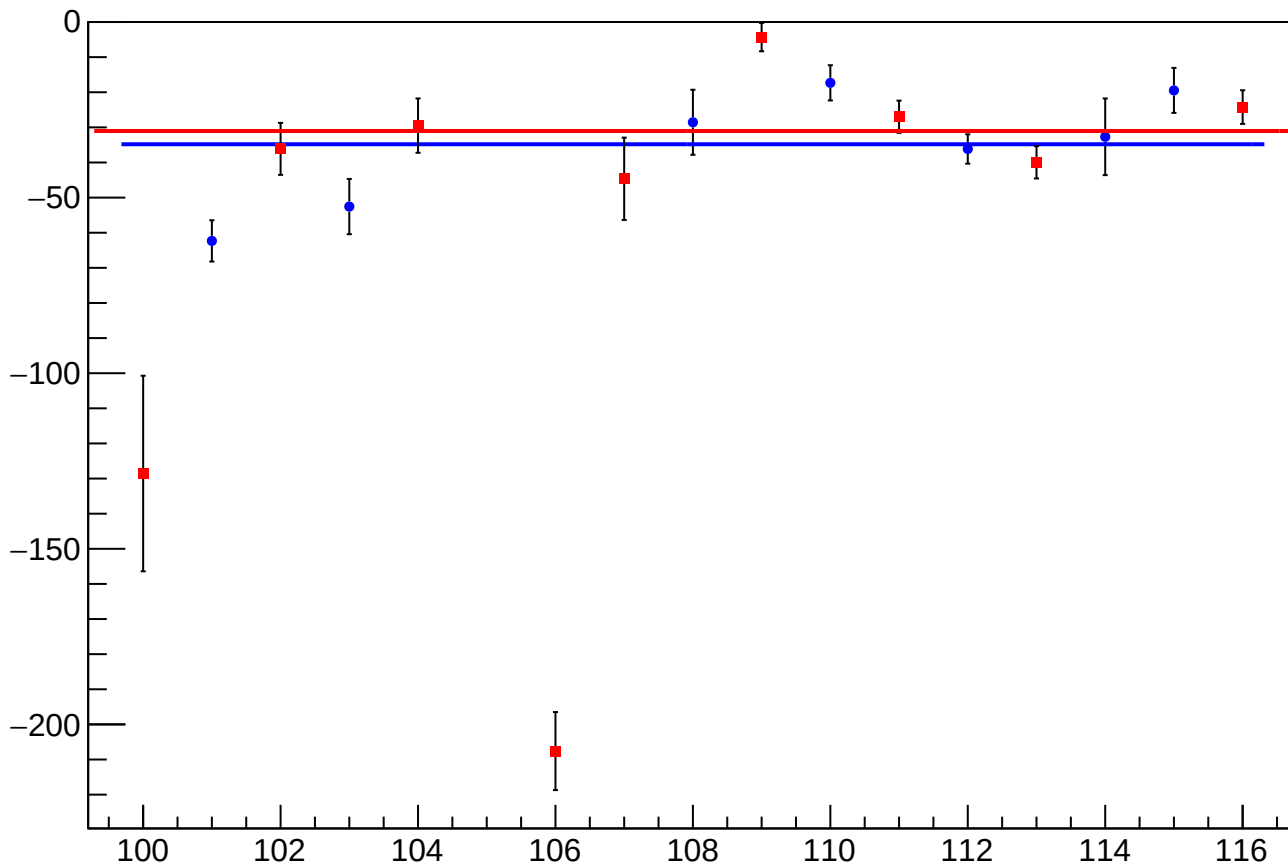
Right: 0.369+/-0.015 χ^2/NDF : 1050.8/15

In: 0.507+/-0.022 χ^2/NDF : 317.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.369+/-0.015 χ^2/NDF : 1050.8/15

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.809 ± 2.316 $\chi^2/\text{NDF}: 45.5/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.028 ± 1.993 $\chi^2/\text{NDF}: 317.3/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

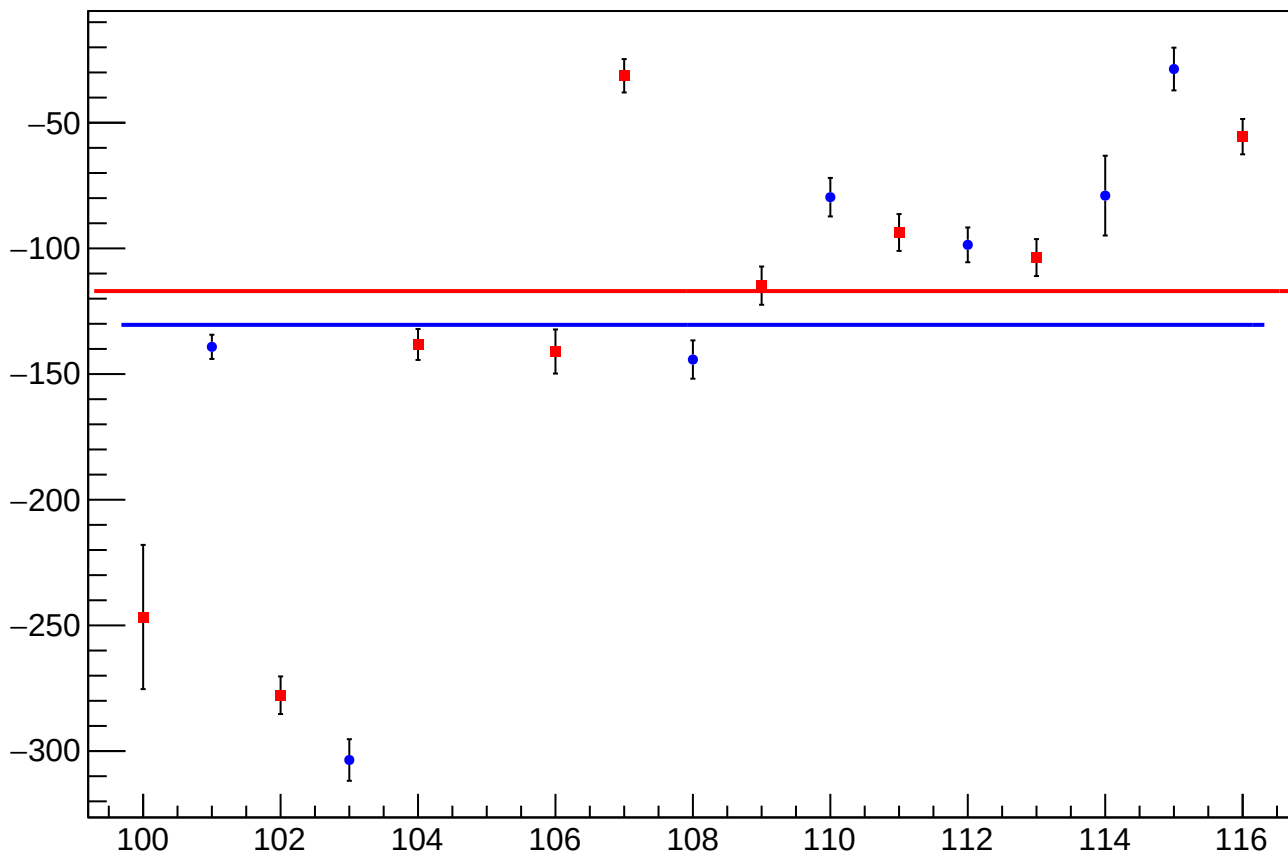
Right: -32.637 ± 1.511 $\chi^2/\text{NDF}: 364.4/15$

In: -34.809 ± 2.316 $\chi^2/\text{NDF}: 45.5/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -32.637 ± 1.511 $\chi^2/\text{NDF}: 364.4/15$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -130.420 ± 2.766 χ^2/NDF : 663.4/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.984 ± 2.535 χ^2/NDF : 757.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

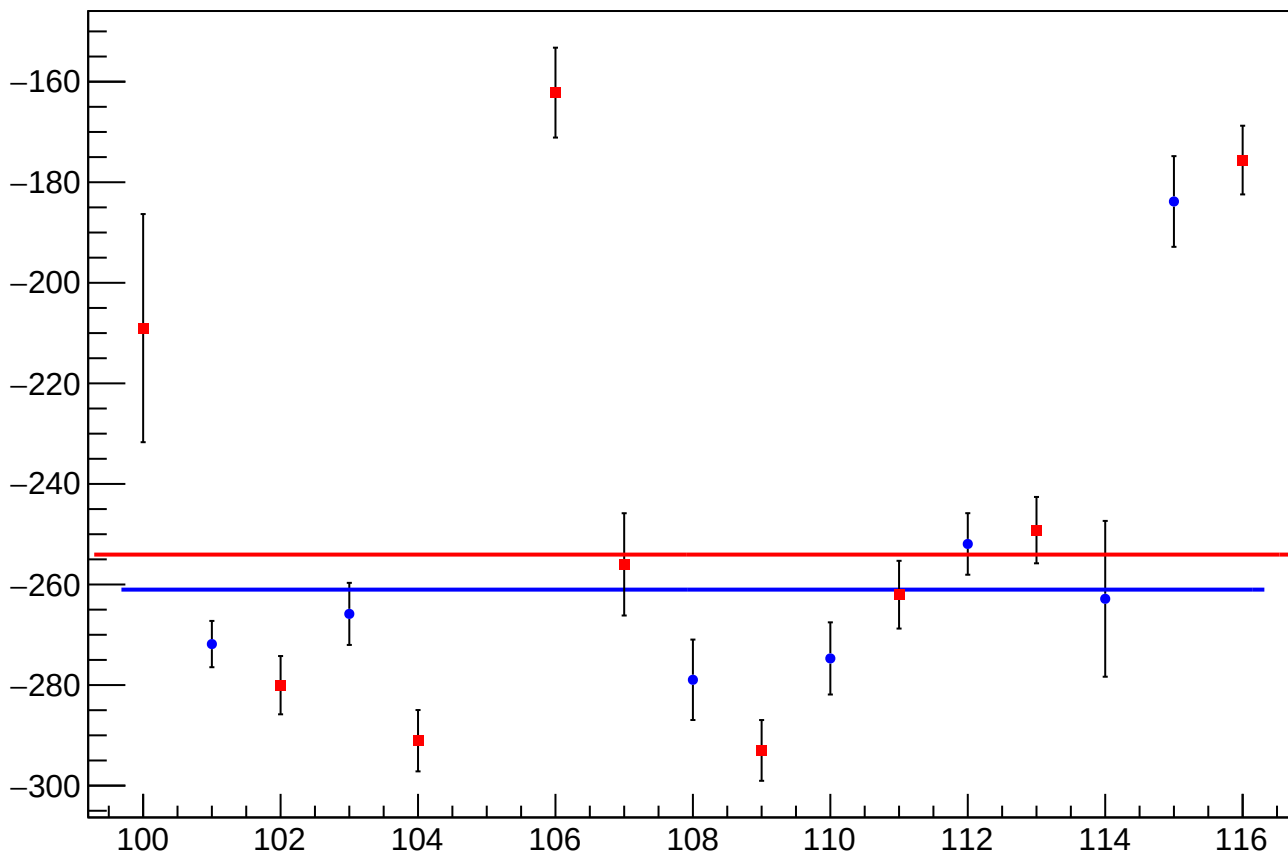
Right: -123.116 ± 1.869 χ^2/NDF : 1433.6/15

In: -130.420 ± 2.766 χ^2/NDF : 663.4/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -123.116 ± 1.869 χ^2/NDF : 1433.6/15

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -261.019+/-2.568 χ^2/NDF : 90.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.052+/-2.393 χ^2/NDF : 341.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

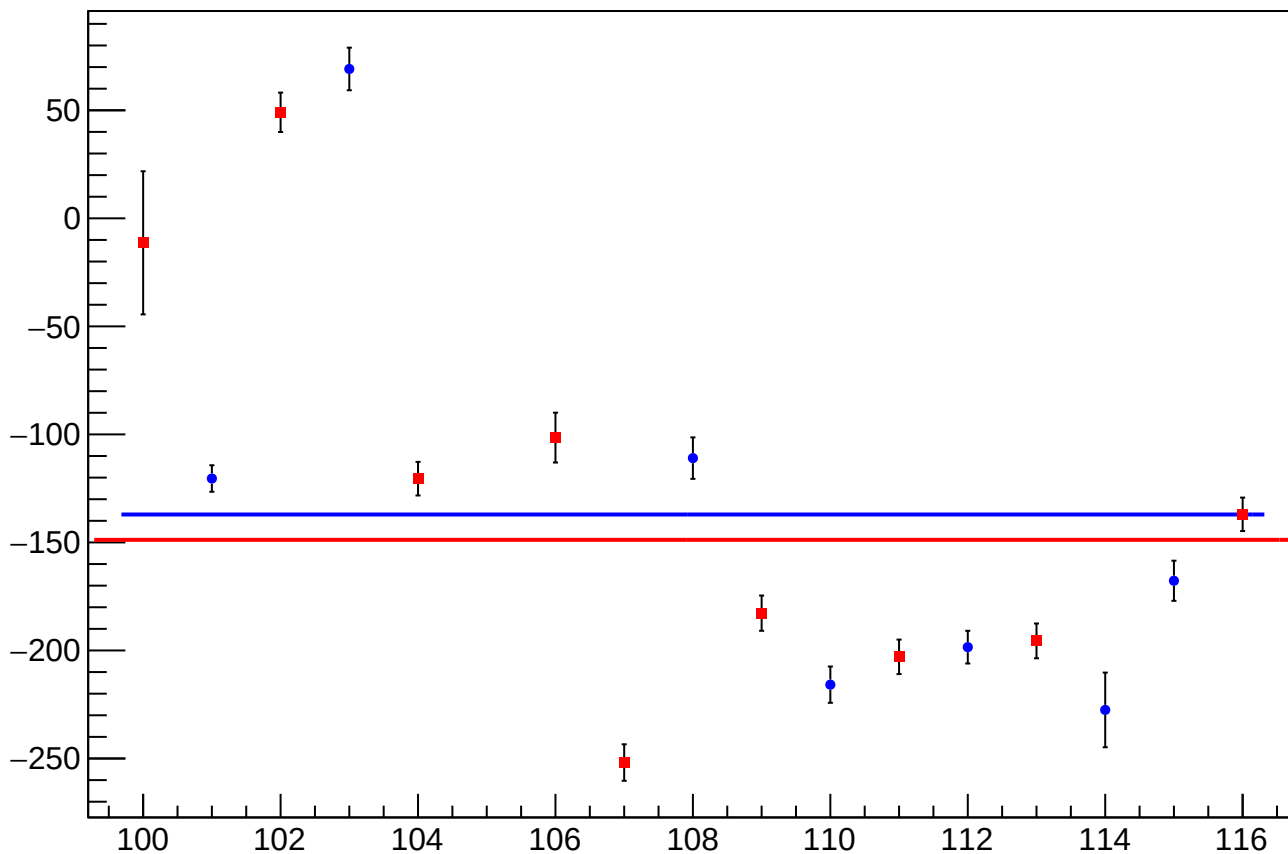
Right: -257.290+/-1.751 χ^2/NDF : 436.2/15

In: -261.019+/-2.568 χ^2/NDF : 90.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -257.290+/-1.751 χ^2/NDF : 436.2/15

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -137.075+/-3.256 χ^2 /NDF: 644.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -148.803+/-2.964 χ^2 /NDF: 766.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

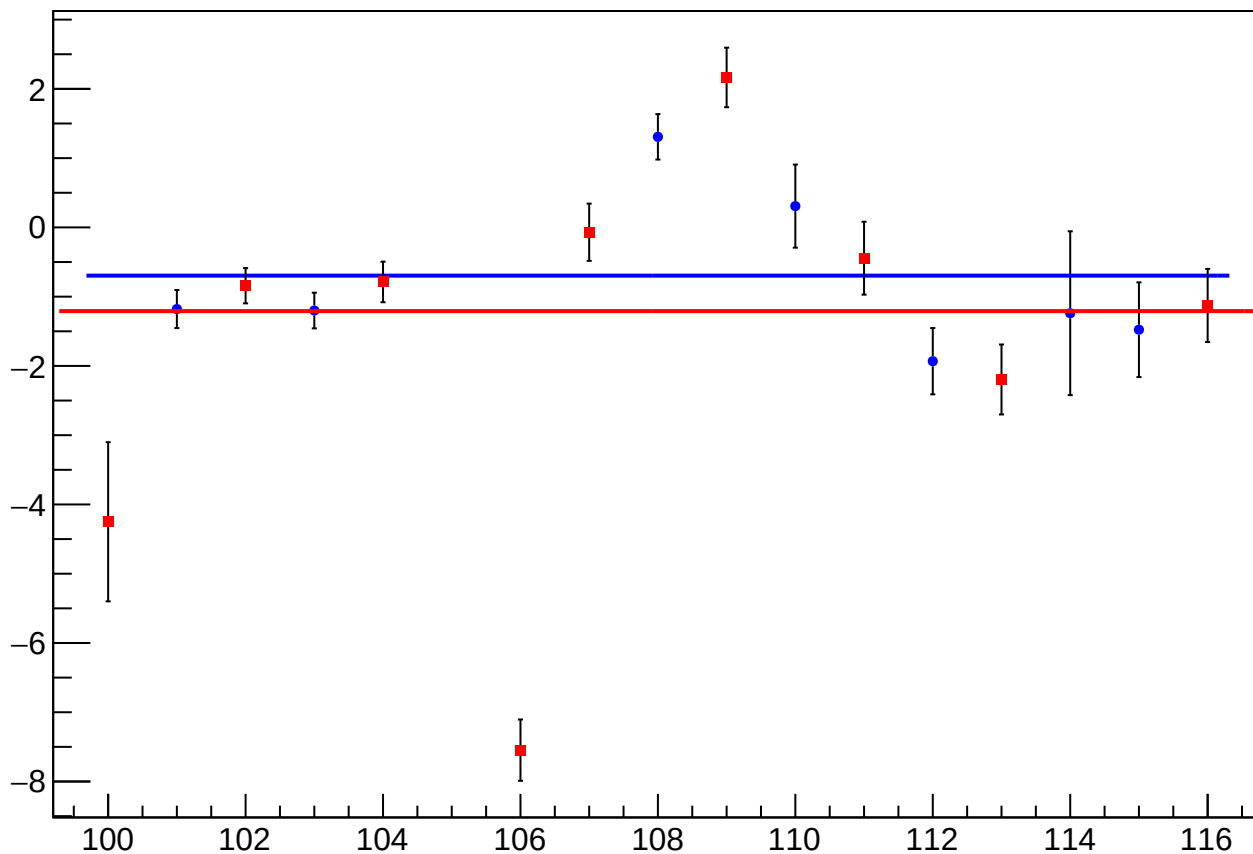
Right: -143.488+/-2.192 χ^2 /NDF: 1417.7/15

In: -137.075+/-3.256 χ^2 /NDF:644.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -143.488+/-2.192 χ^2 /NDF: 1417.7/15

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.697 ± 0.145 χ^2/NDF : 55.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.208 ± 0.134 χ^2/NDF : 291.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

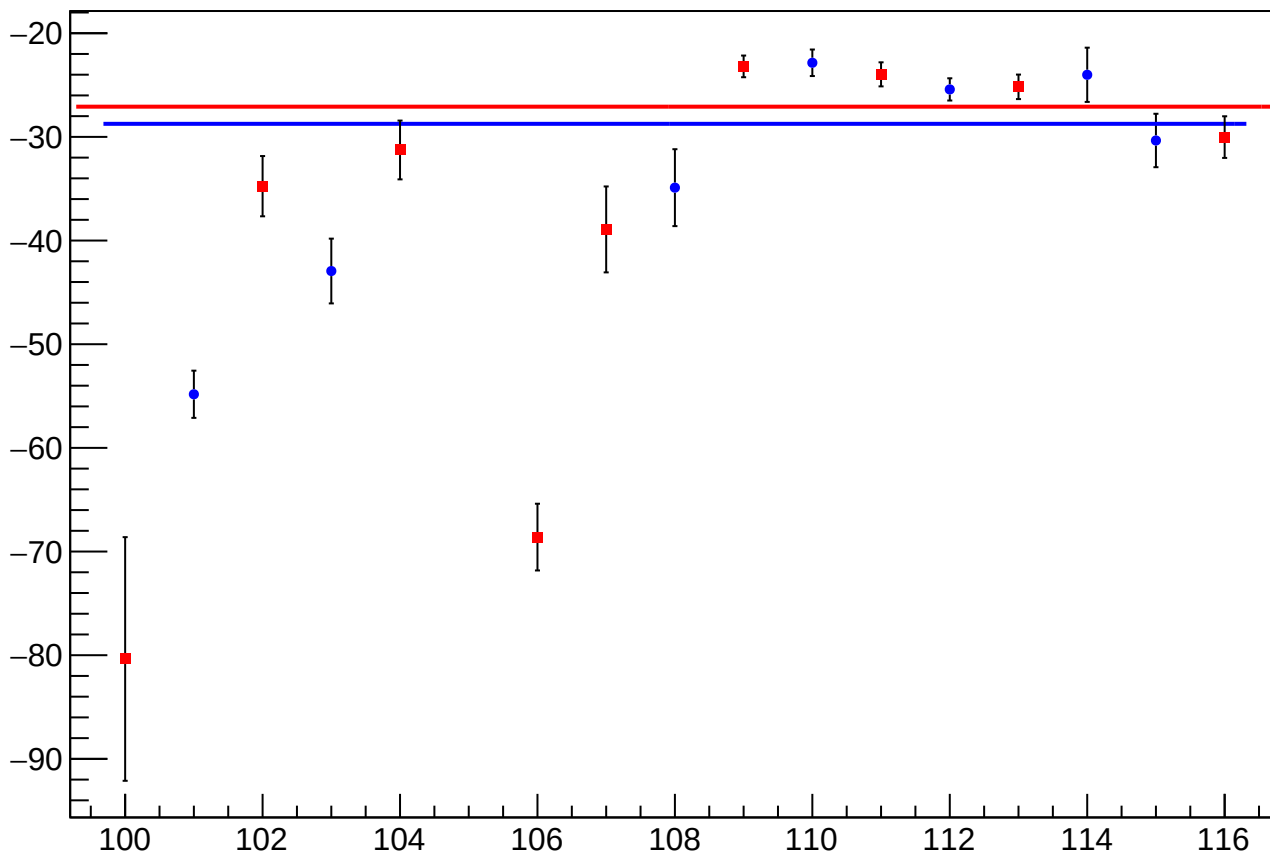
Right: -0.972 ± 0.099 χ^2/NDF : 353.2/15

In: -0.697 ± 0.145 χ^2/NDF : 55.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.972 ± 0.099 χ^2/NDF : 353.2/15

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.740 $\pm$ 0.683 χ^2 /NDF: 189.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.085 $\pm$ 0.575 χ^2 /NDF: 230.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

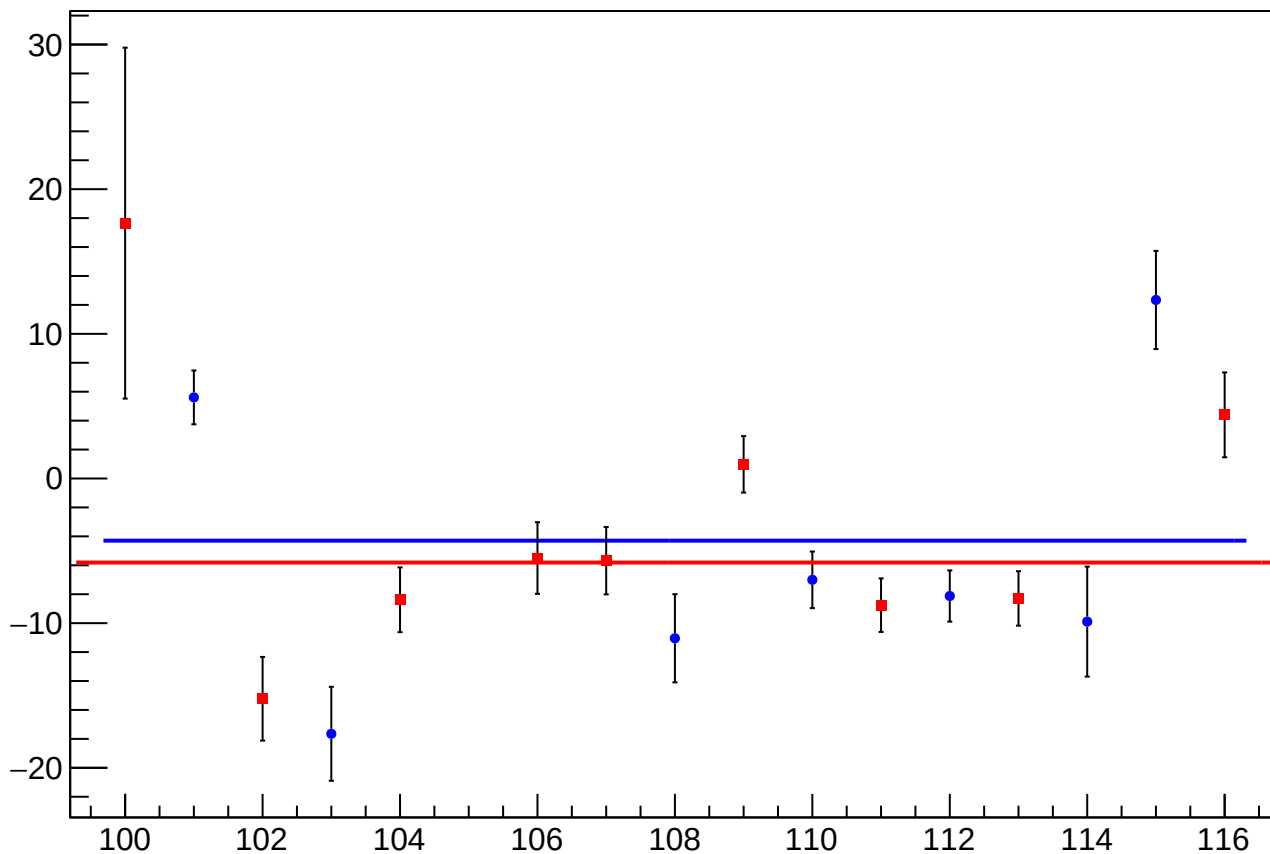
Right: -27.771 $\pm$ 0.440 χ^2 /NDF: 422.6/15

In: -28.740 $\pm$ 0.683 χ^2 /NDF:189.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.771 $\pm$ 0.440 χ^2 /NDF: 422.6/15

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.296+/-0.903 χ^2/NDF : 82.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.810+/-0.785 χ^2/NDF : 44.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

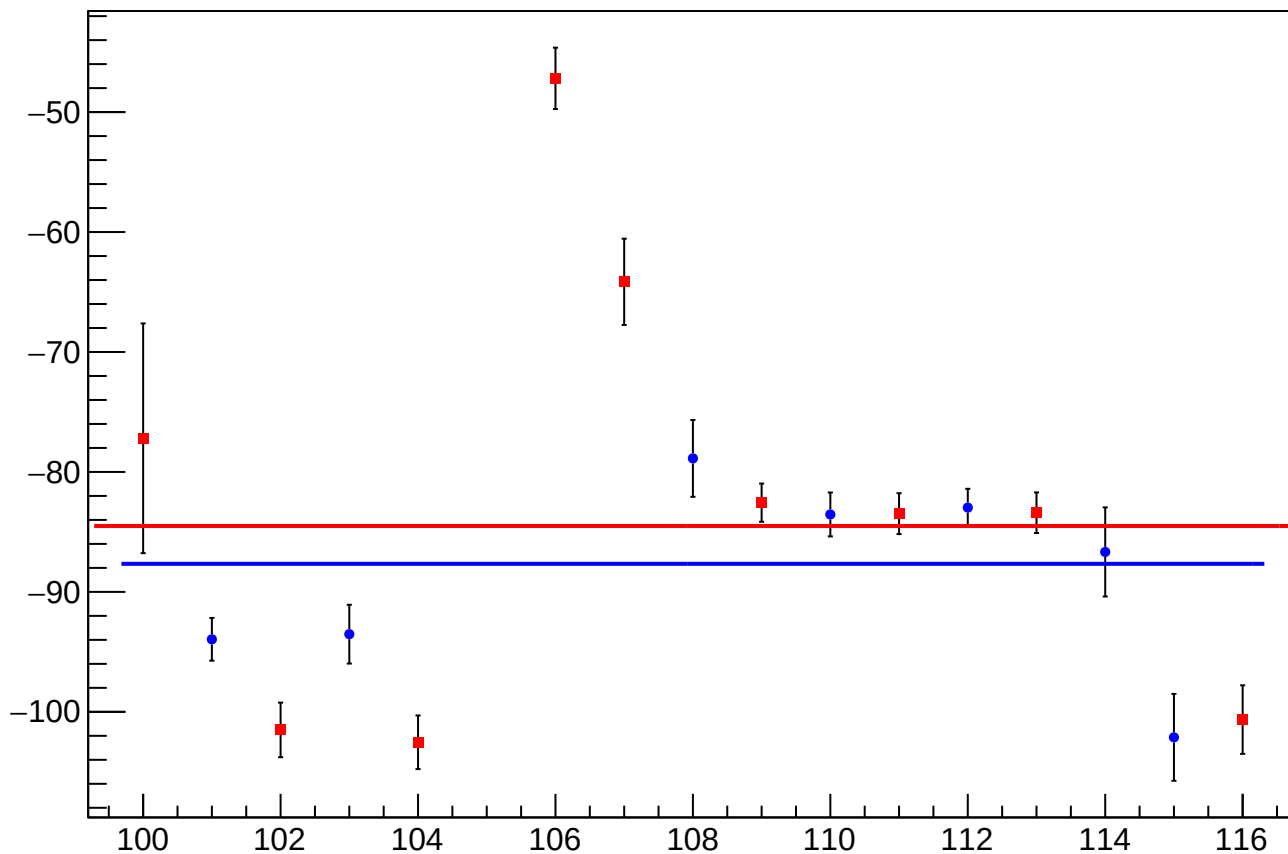
Right: -5.159+/-0.592 χ^2/NDF : 128.7/15

In: -4.296+/-0.903 χ^2/NDF : 82.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.159+/-0.592 χ^2/NDF : 128.7/15

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.660 $\pm$ 0.836 χ^2 /NDF: 55.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -84.505 $\pm$ 0.736 χ^2 /NDF: 400.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

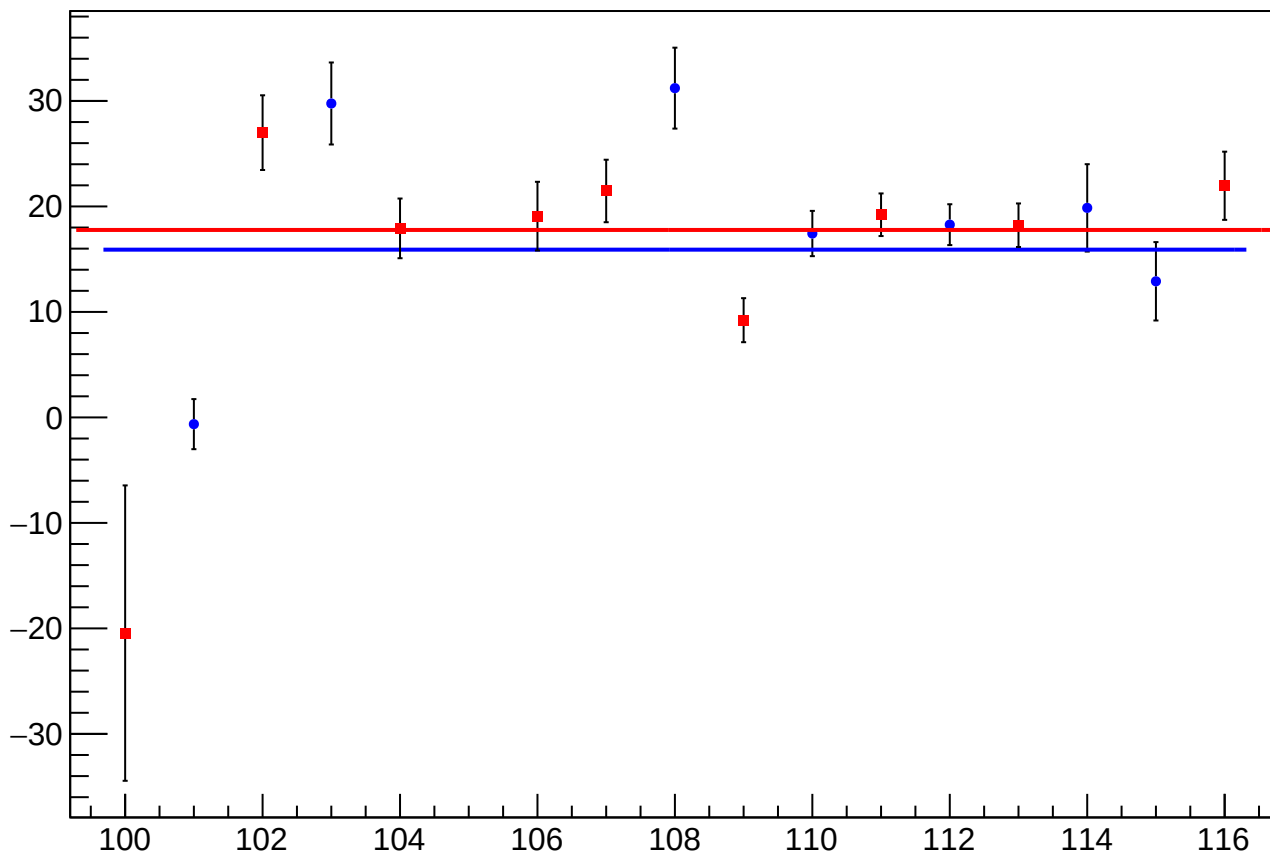
Right: -85.885 $\pm$ 0.552 χ^2 /NDF: 464.1/15

In: -87.660 $\pm$ 0.836 χ^2 /NDF:55.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.885 $\pm$ 0.552 χ^2 /NDF: 464.1/15

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.903+/-1.039 χ^2/NDF : 80.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.771+/-0.904 χ^2/NDF : 35.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

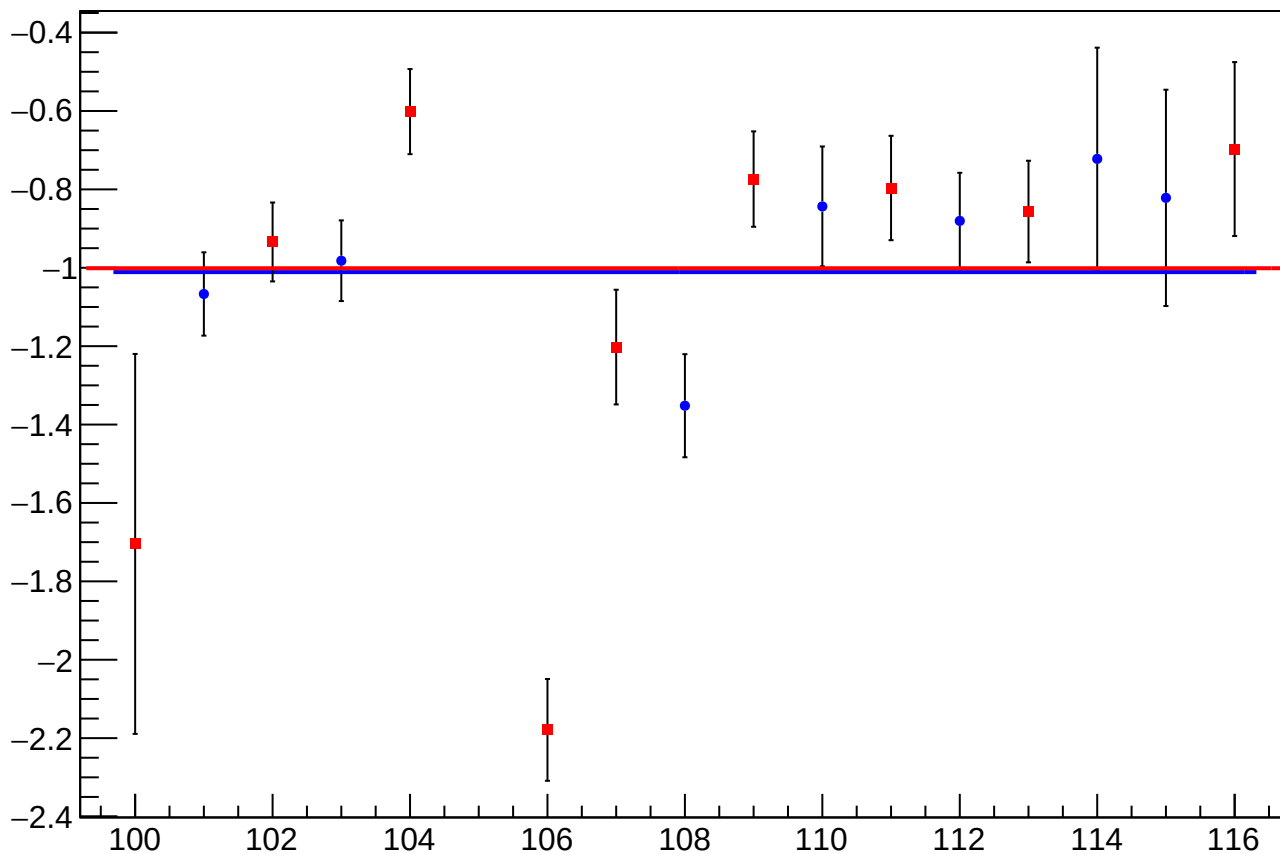
Right: 16.966+/-0.682 χ^2/NDF : 117.6/15

In: 15.903+/-1.039 χ^2/NDF : 80.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.966+/-0.682 χ^2/NDF : 117.6/15

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.011 $\pm$ 0.052 χ^2 /NDF: 10.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.001 $\pm$ 0.045 χ^2 /NDF: 109.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

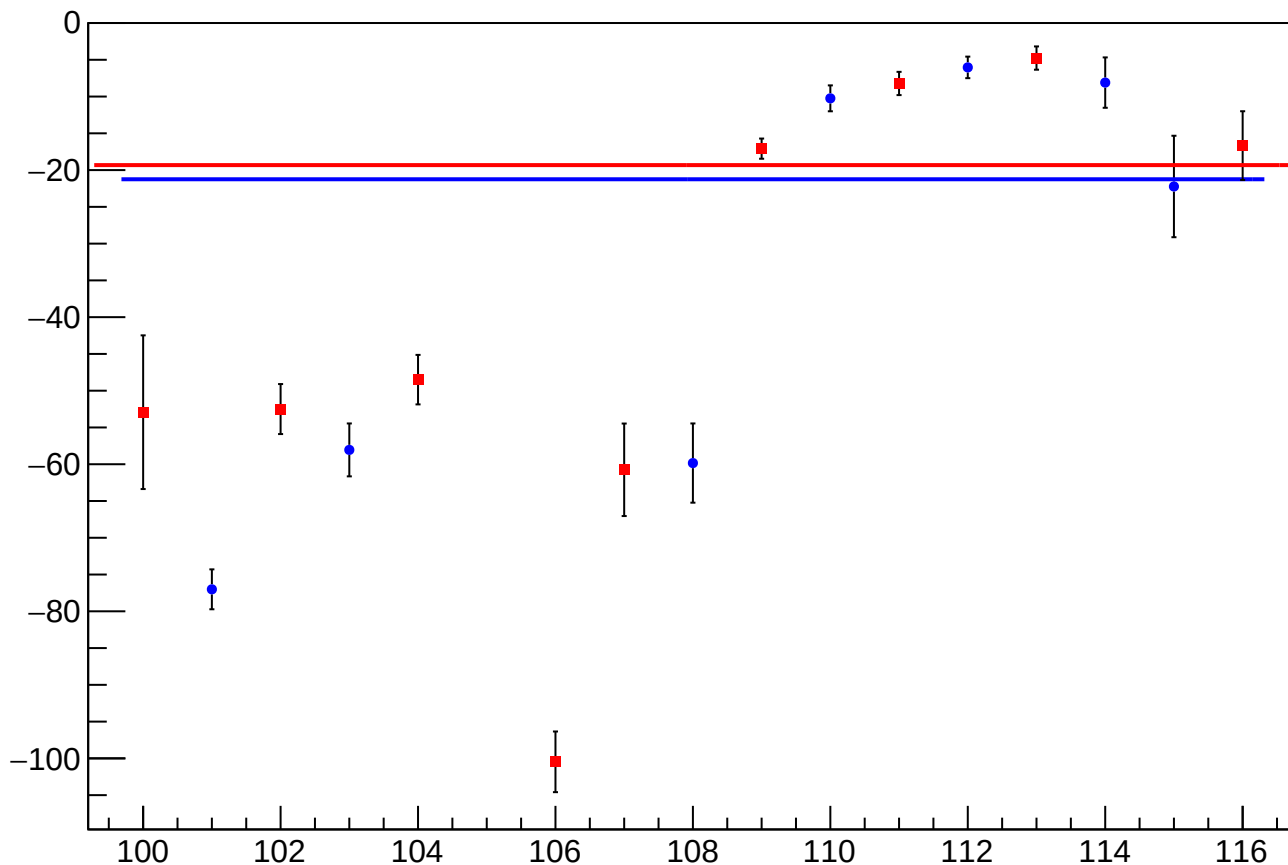
Right: -1.005 $\pm$ 0.034 χ^2 /NDF: 120.1/15

In: -1.011 $\pm$ 0.052 χ^2 /NDF:10.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.005 $\pm$ 0.034 χ^2 /NDF: 120.1/15

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.248+/-0.935 χ^2/NDF : 740.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -19.323+/-0.780 χ^2/NDF : 747.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

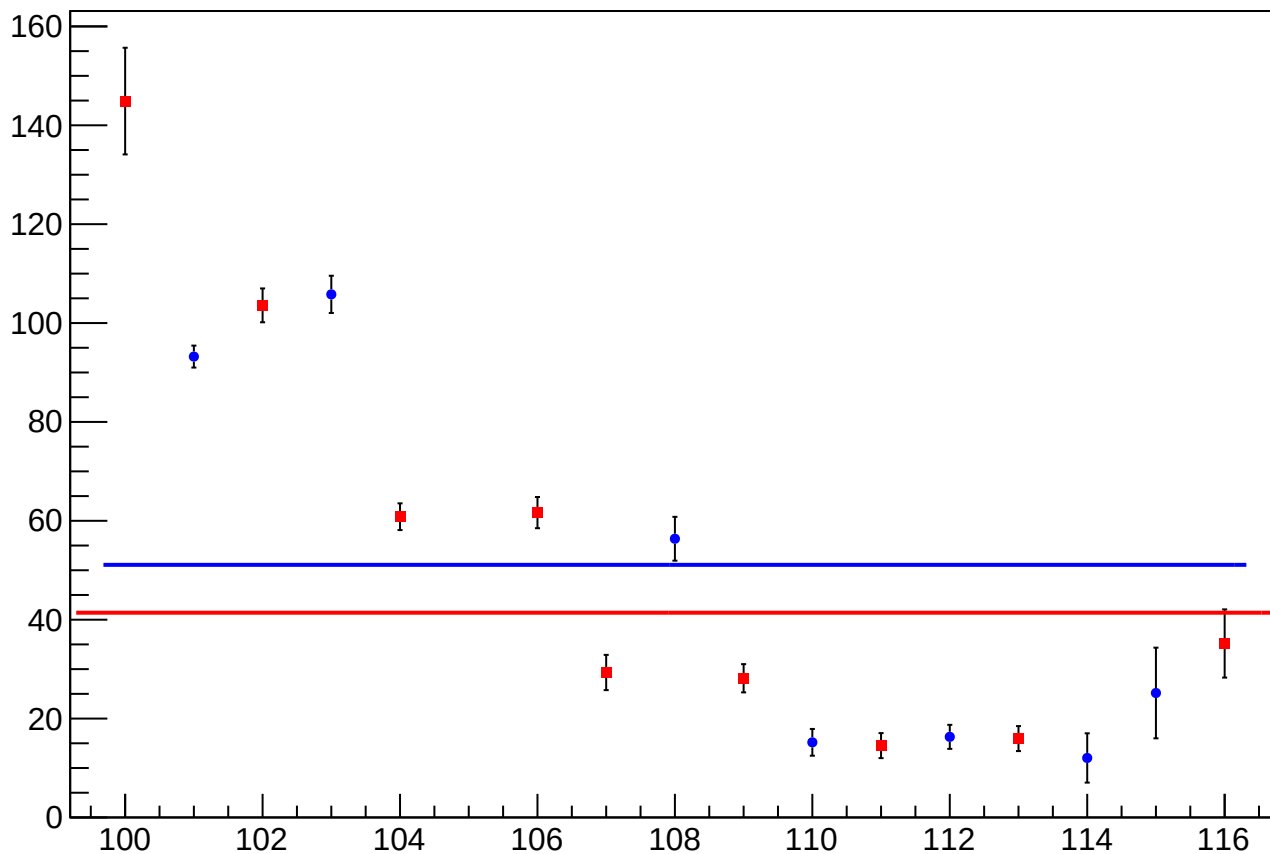
Right: -20.112+/-0.599 χ^2/NDF : 1490.3/15

In: -21.248+/-0.935 χ^2/NDF :740.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.112+/-0.599 χ^2/NDF : 1490.3/15

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 51.094 $\pm$ 1.210 χ^2 /NDF: 1023.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.414 $\pm$ 1.074 χ^2 /NDF: 763.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

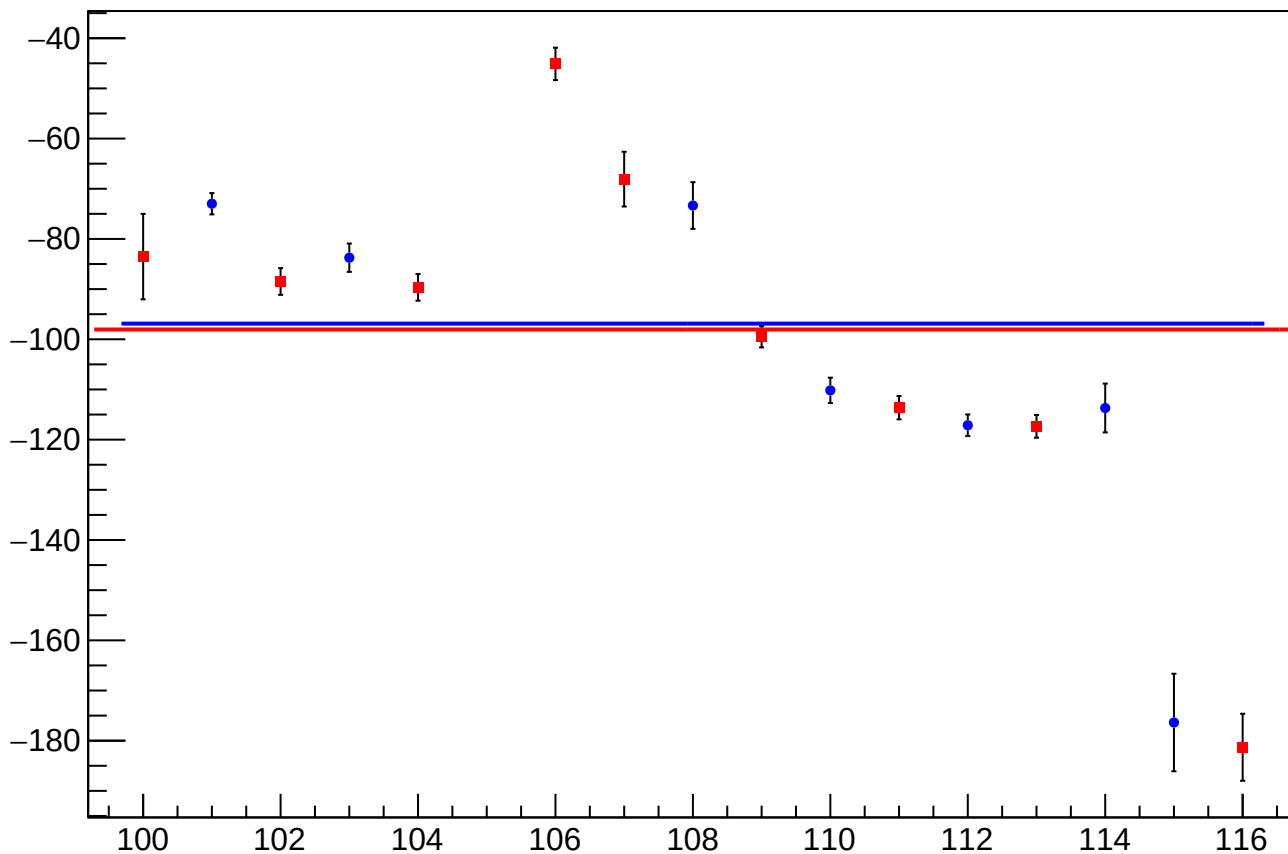
Right: 45.680 $\pm$ 0.804 χ^2 /NDF: 1822.3/15

In: 51.094 $\pm$ 1.210 χ^2 /NDF:1023.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.680 $\pm$ 0.804 χ^2 /NDF: 1822.3/15

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -96.880+/-1.104 χ^2/NDF : 369.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -98.048+/-0.976 χ^2/NDF : 597.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

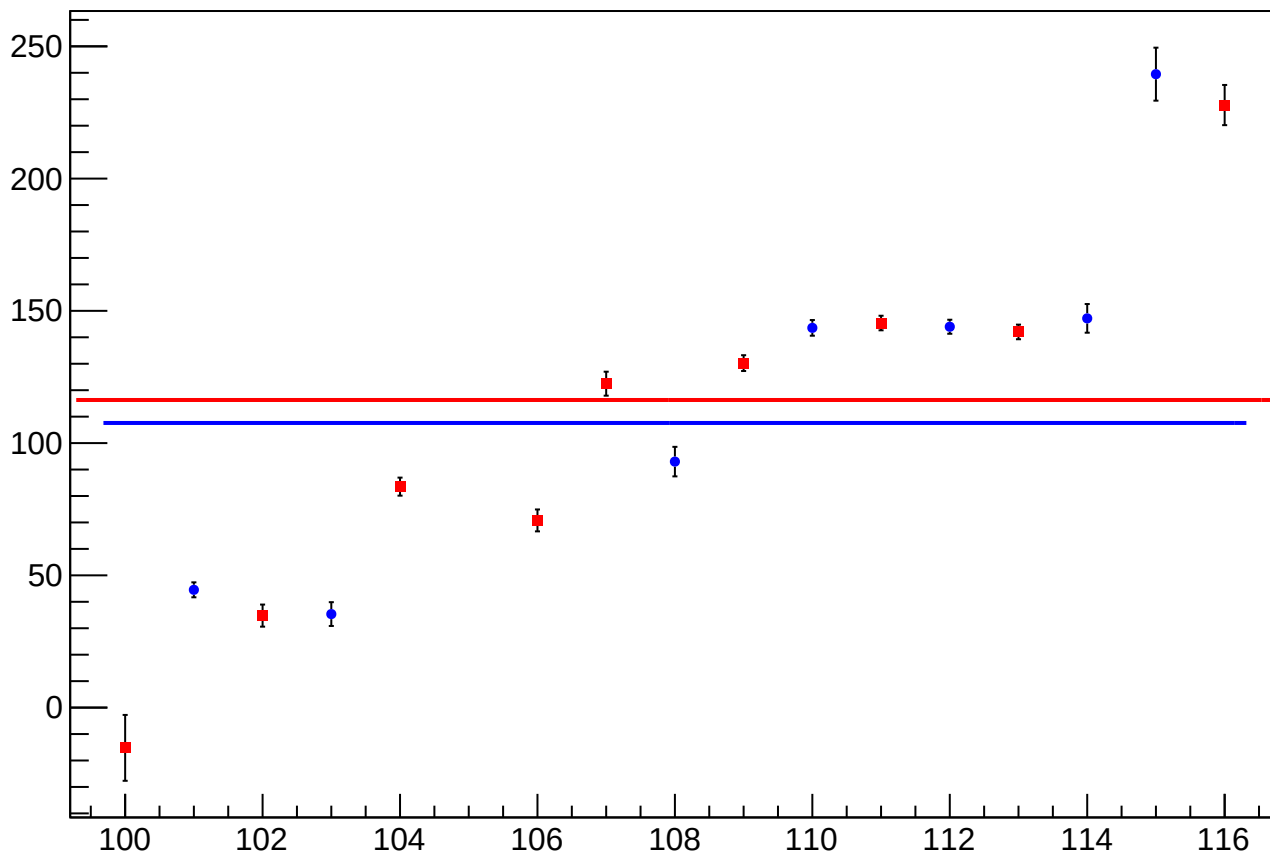
Right: -97.536+/-0.731 χ^2/NDF : 968.1/15

In: -96.880+/-1.104 χ^2/NDF :369.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -97.536+/-0.731 χ^2/NDF : 968.1/15

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.612 $\pm$ 1.405 χ^2 /NDF: 1324.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.297 $\pm$ 1.242 χ^2 /NDF: 1142.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

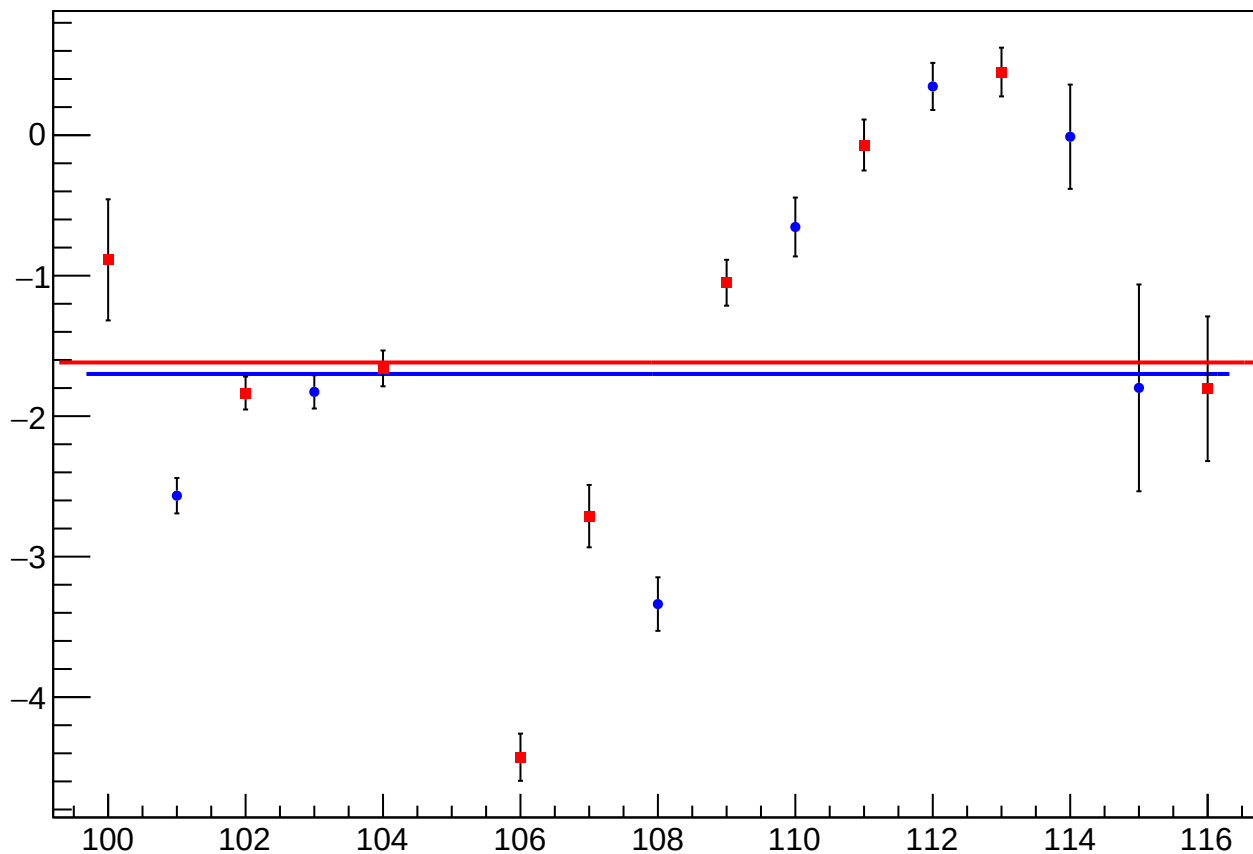
Right: 112.487 $\pm$ 0.930 χ^2 /NDF: 2489.0/15

In: 107.612 $\pm$ 1.405 χ^2 /NDF:1324.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.487 $\pm$ 0.930 χ^2 /NDF: 2489.0/15

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.700 ± 0.066 χ^2/NDF : 317.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.618 ± 0.058 χ^2/NDF : 537.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

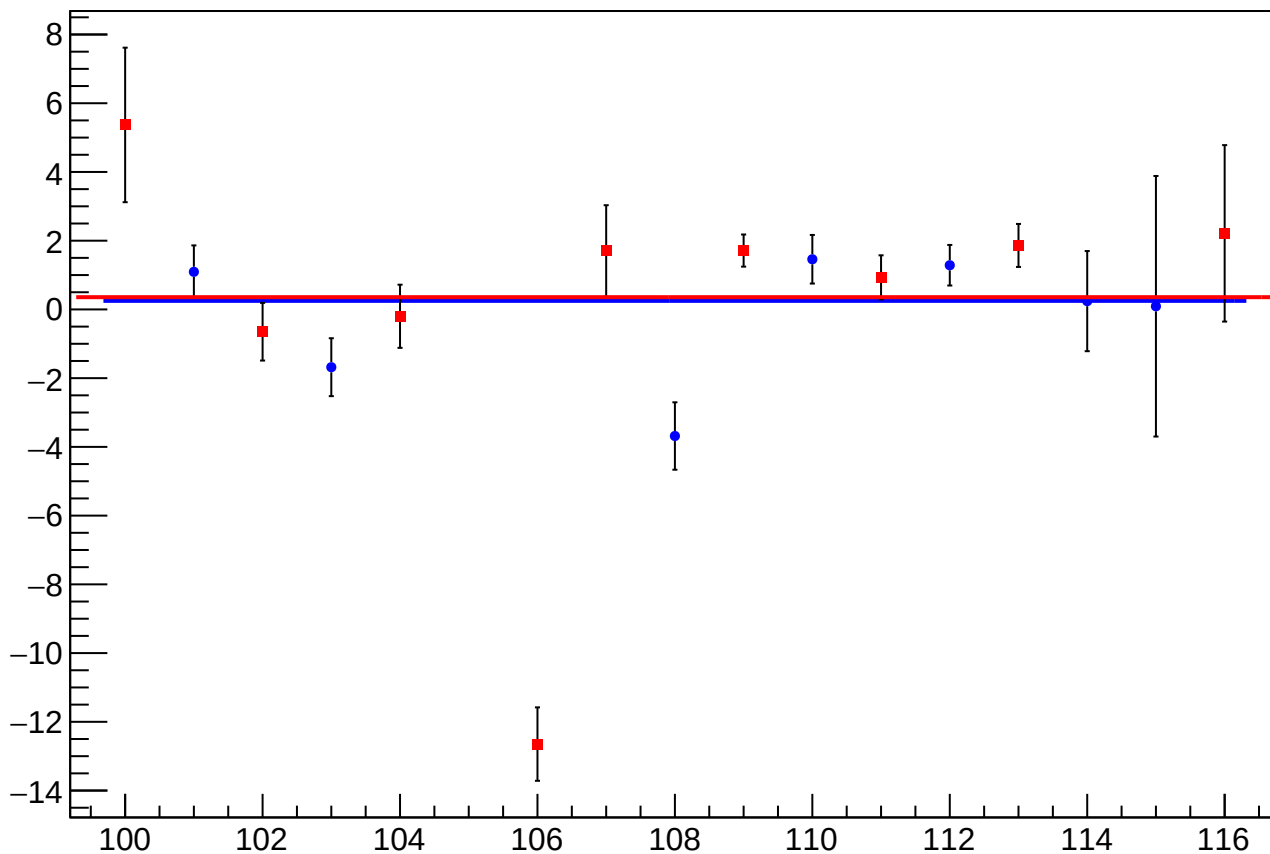
Right: -1.653 ± 0.043 χ^2/NDF : 855.6/15

In: -1.700 ± 0.066 χ^2/NDF : 317.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.653 ± 0.043 χ^2/NDF : 855.6/15

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.249+/-0.324 χ^2/NDF : 28.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.356+/-0.268 χ^2/NDF : 171.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

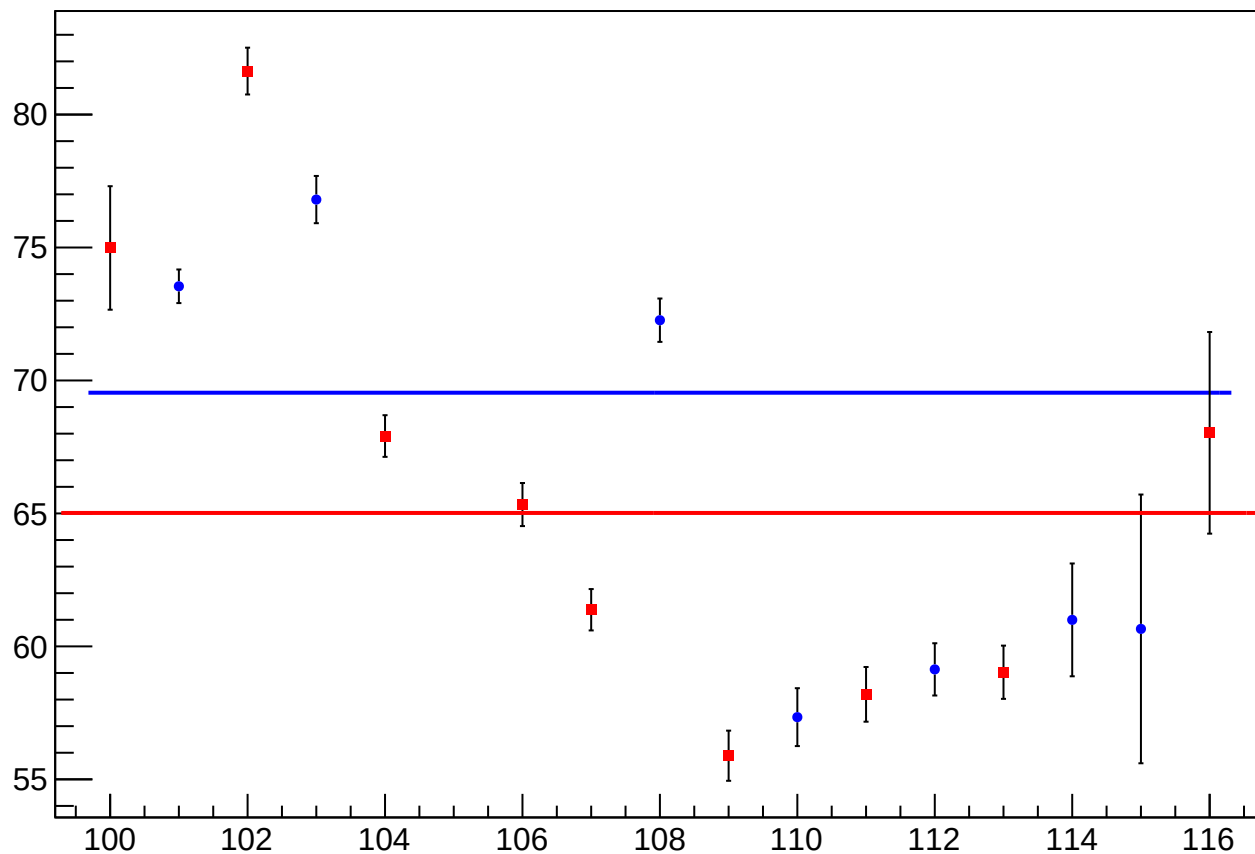
Right: 0.313+/-0.206 χ^2/NDF : 200.1/15

In: 0.249+/-0.324 χ^2/NDF : 28.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.313+/-0.206 χ^2/NDF : 200.1/15

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 69.540 $\pm$ 0.367 χ^2 /NDF: 375.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.018 $\pm$ 0.326 χ^2 /NDF: 584.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

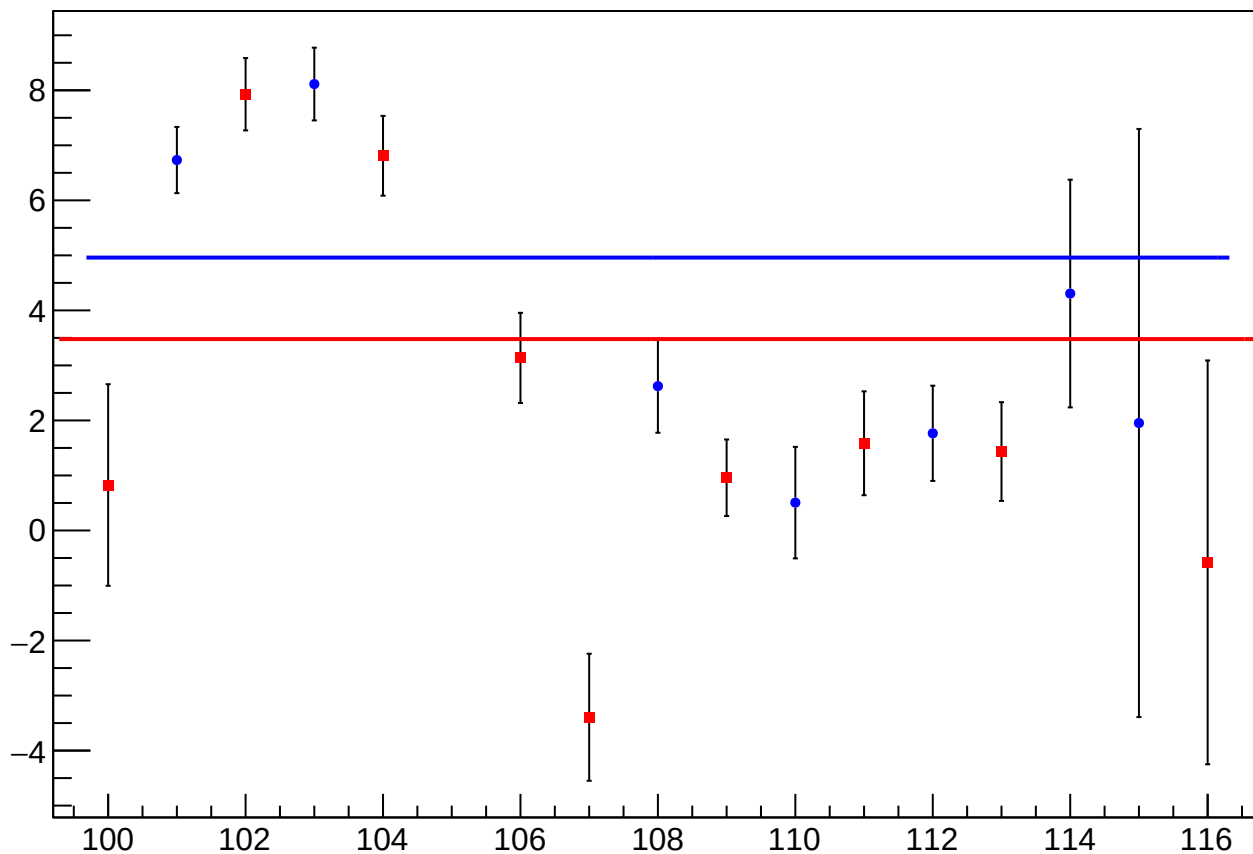
Right: 67.010 $\pm$ 0.244 χ^2 /NDF: 1044.7/15

In: 69.540 $\pm$ 0.367 χ^2 /NDF:375.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.010 $\pm$ 0.244 χ^2 /NDF: 1044.7/15

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.960+/-0.333 χ^2/NDF : 72.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.479+/-0.298 χ^2/NDF : 128.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

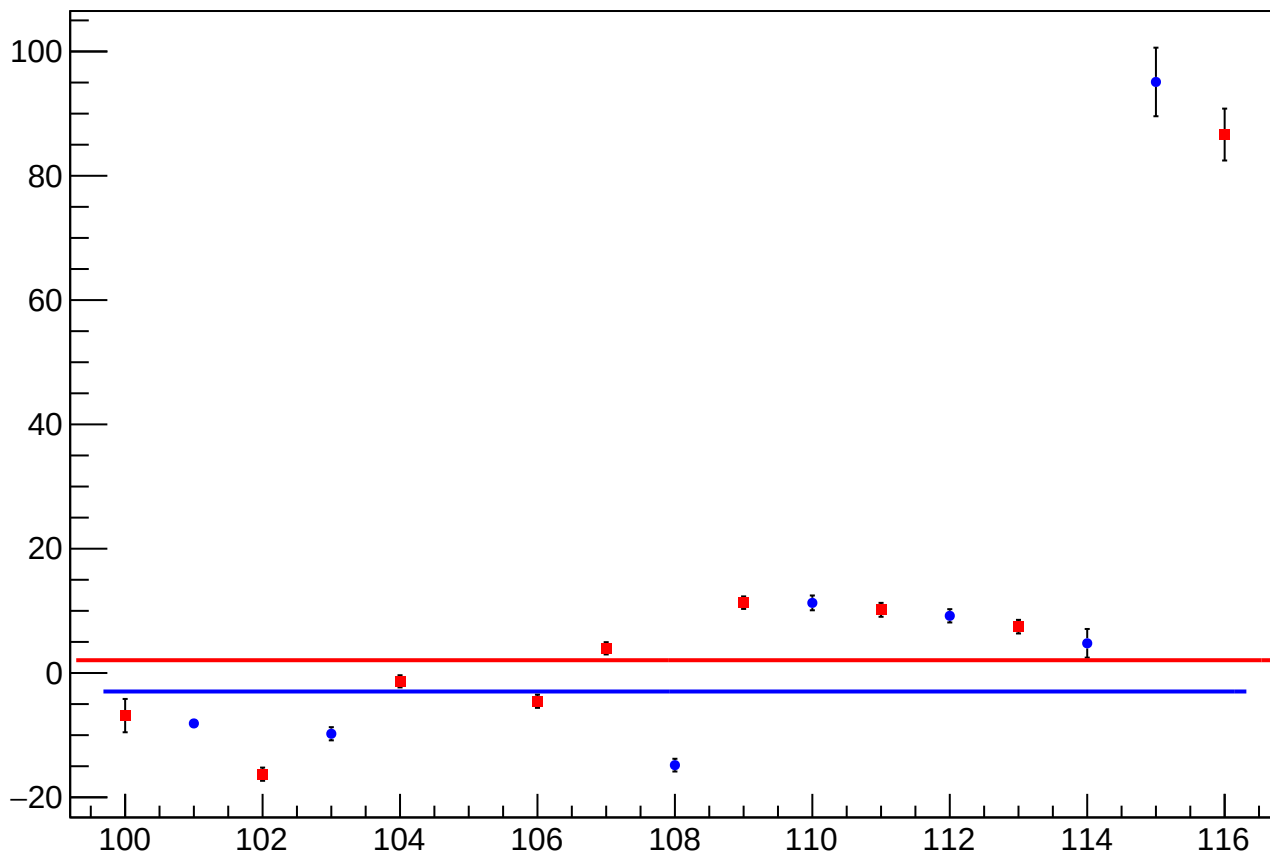
Right: 4.138+/-0.222 χ^2/NDF : 211.5/15

In: 4.960+/-0.333 χ^2/NDF : 72.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.138+/-0.222 χ^2/NDF : 211.5/15

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.975+/-0.439 χ^2/NDF : 815.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.057+/-0.388 χ^2/NDF : 935.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

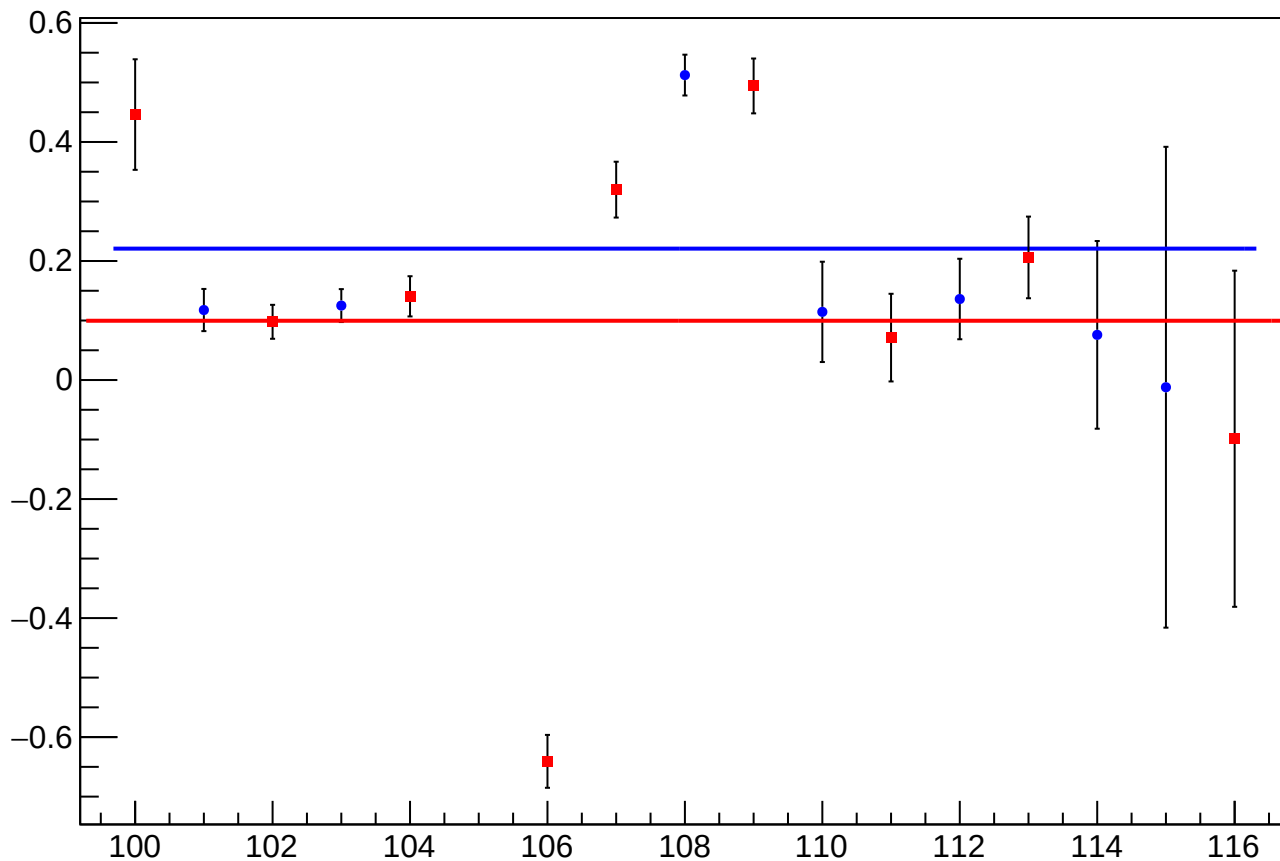
Right: -0.148+/-0.290 χ^2/NDF : 1824.7/15

In: -2.975+/-0.439 χ^2/NDF : 815.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.148+/-0.290 χ^2/NDF : 1824.7/15

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.221+/-0.017 χ^2/NDF : 97.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.100+/-0.016 χ^2/NDF : 391.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

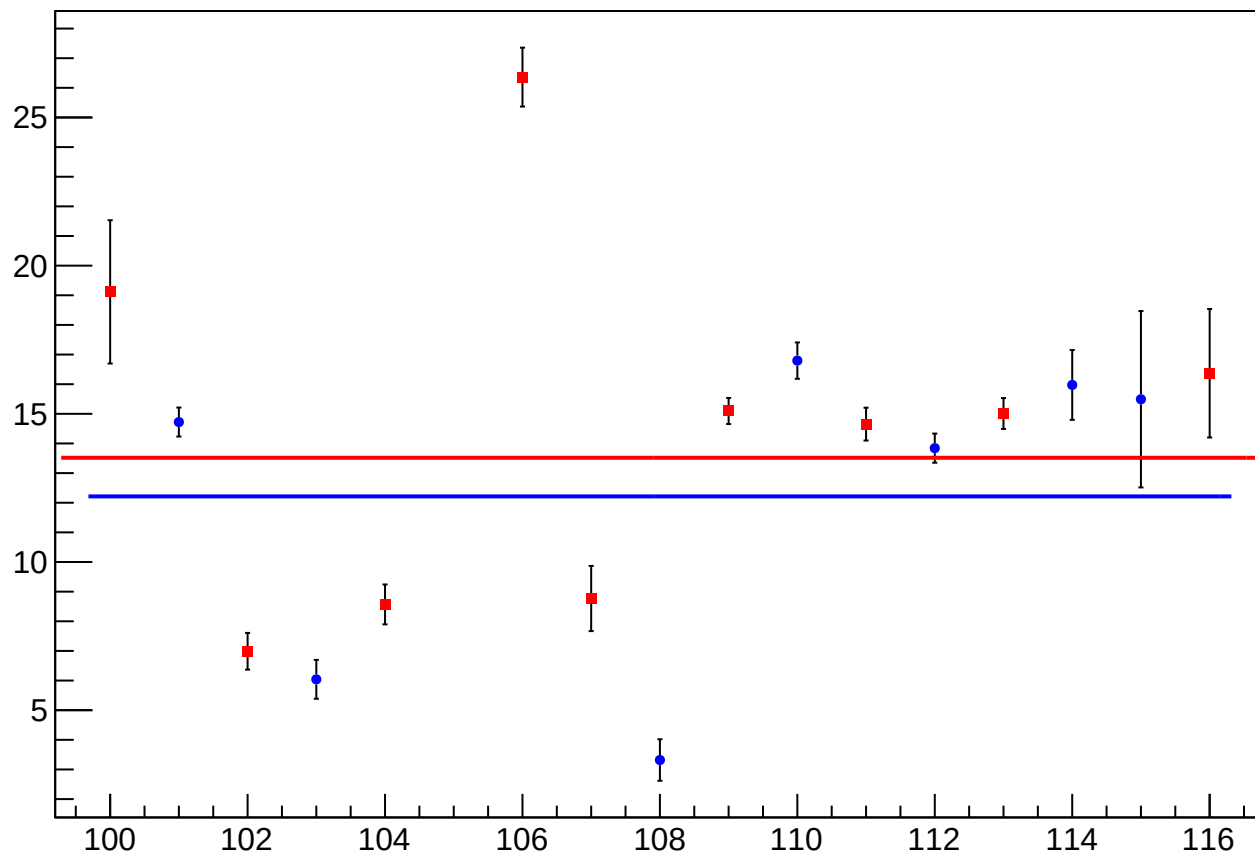
Right: 0.154+/-0.012 χ^2/NDF : 515.3/15

In: 0.221+/-0.017 χ^2/NDF : 97.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.154+/-0.012 χ^2/NDF : 515.3/15

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.214+/-0.249 χ^2/NDF : 354.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.517+/-0.229 χ^2/NDF : 383.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

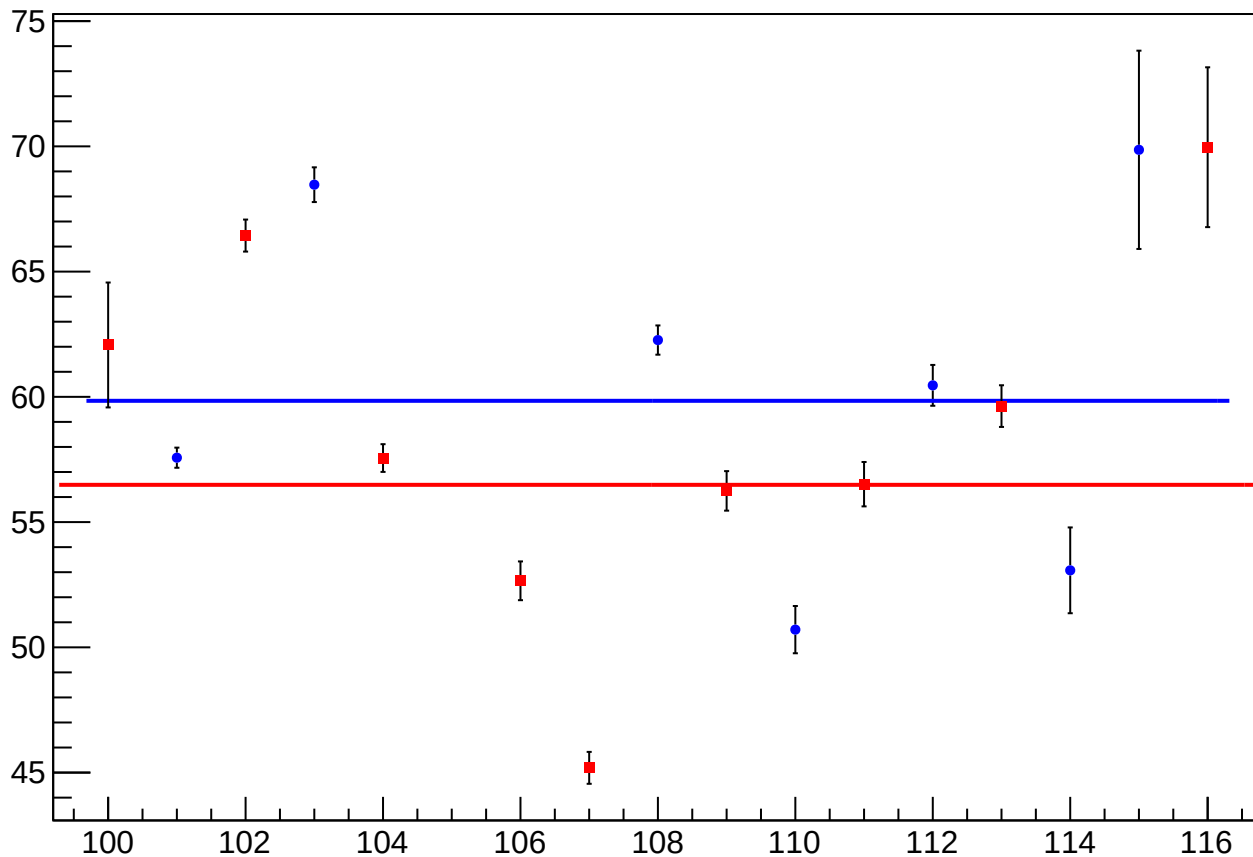
Right: 12.921+/-0.168 χ^2/NDF : 752.4/15

In: 12.214+/-0.249 χ^2/NDF : 354.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.921+/-0.168 χ^2/NDF : 752.4/15

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 59.842 $\pm$ 0.265 χ^2 /NDF: 320.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.487 $\pm$ 0.263 χ^2 /NDF: 622.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

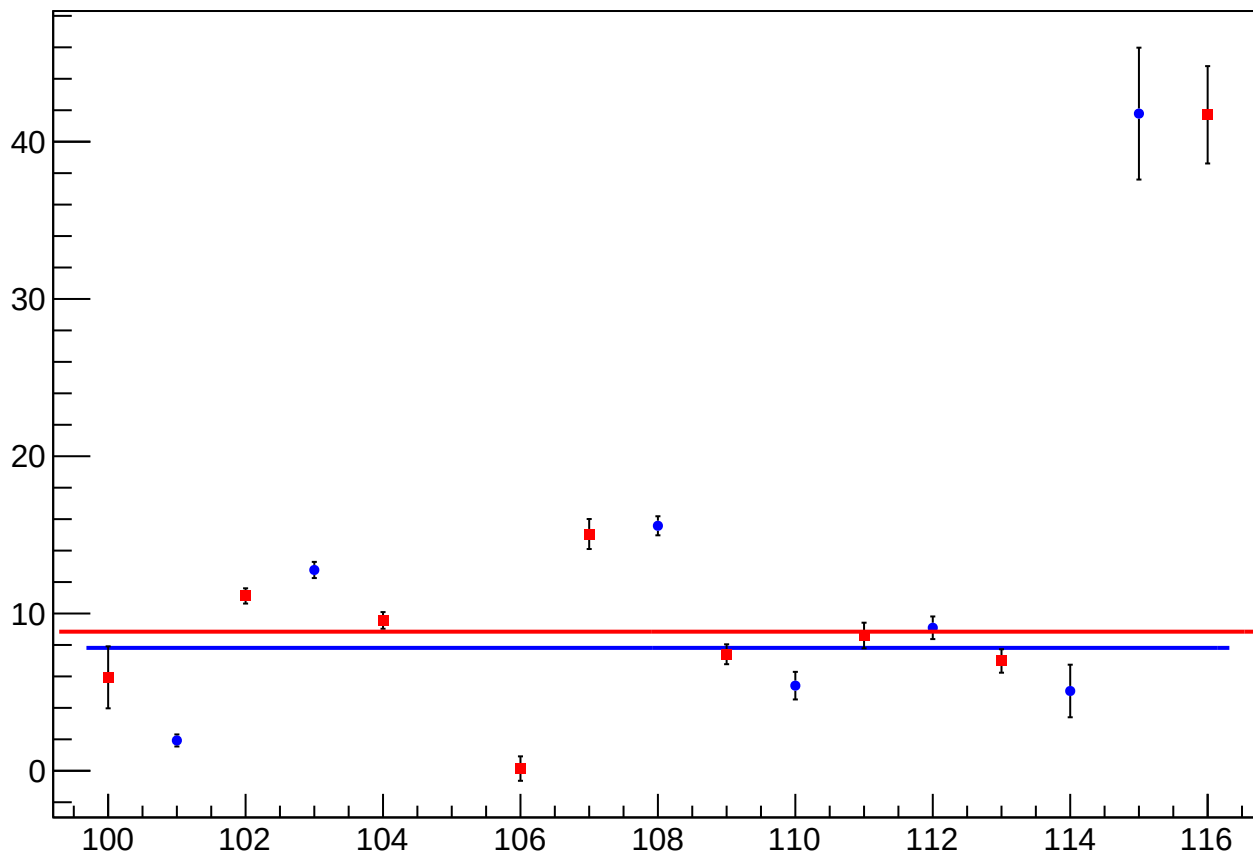
Right: 58.153 $\pm$ 0.187 χ^2 /NDF: 1023.6/15

In: 59.842 $\pm$ 0.265 χ^2 /NDF: 320.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.153 $\pm$ 0.187 χ^2 /NDF: 1023.6/15

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.815+/-0.243 χ^2/NDF : 572.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.845+/-0.245 χ^2/NDF : 318.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

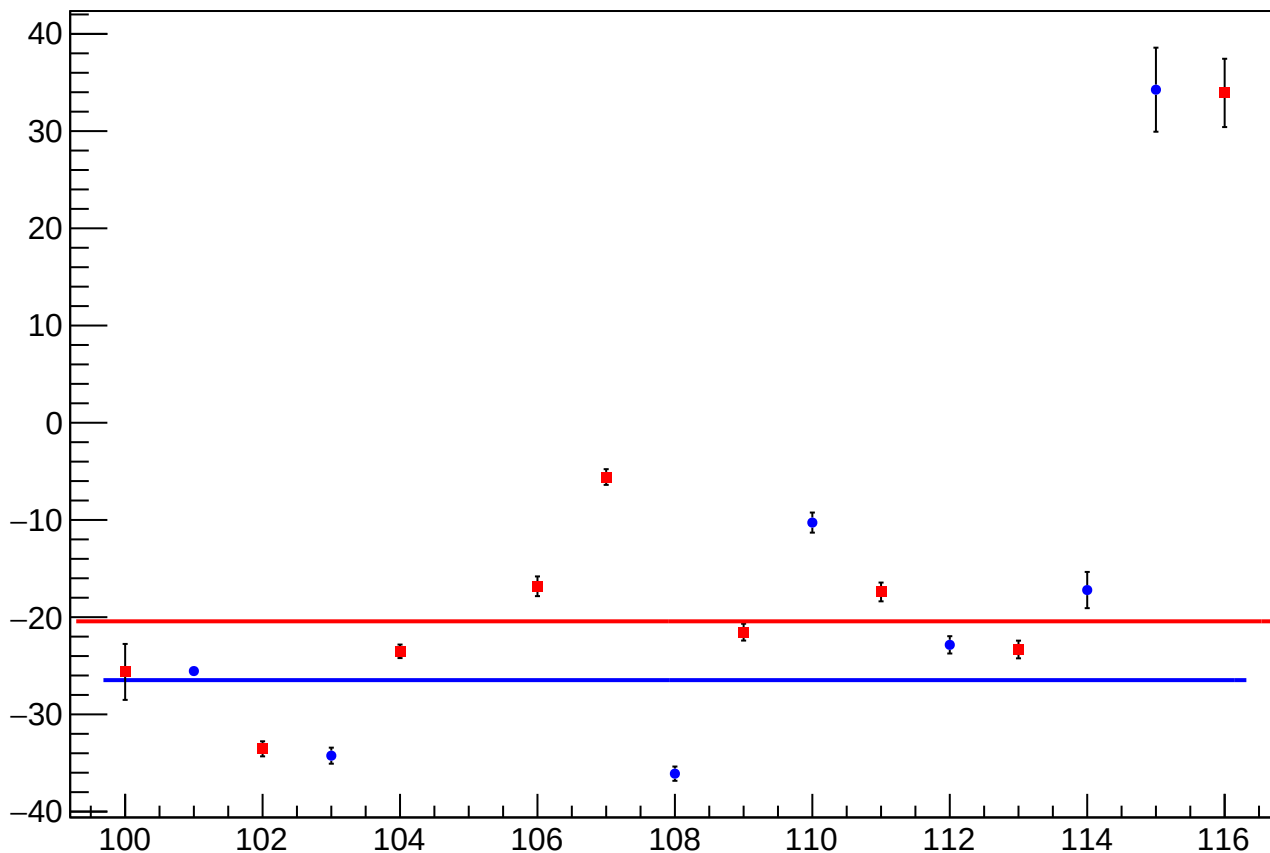
Right: 8.326+/-0.172 χ^2/NDF : 899.5/15

In: 7.815+/-0.243 χ^2/NDF : 572.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.326+/-0.172 χ^2/NDF : 899.5/15

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.477 ± 0.321 χ^2/NDF : 748.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.427 ± 0.315 χ^2/NDF : 920.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

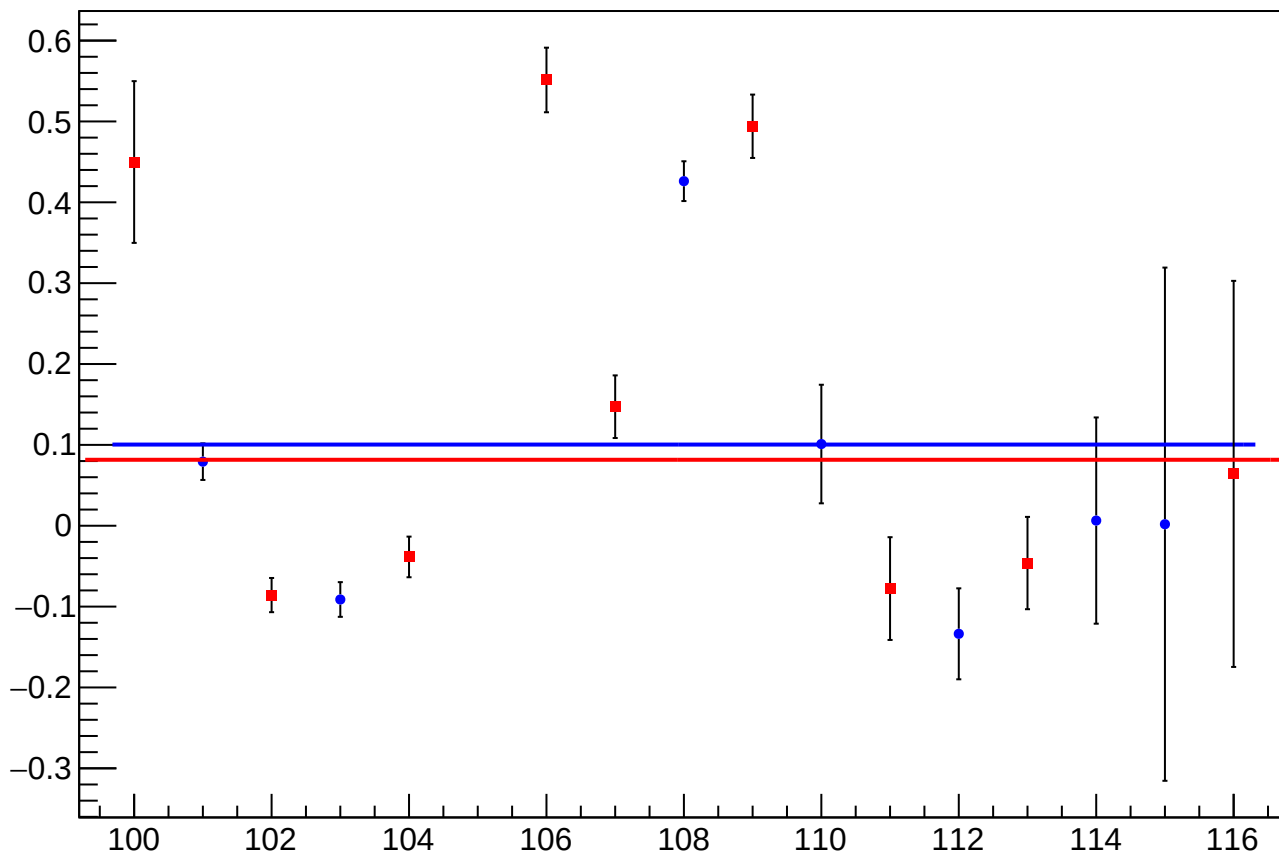
Right: -23.401 ± 0.225 χ^2/NDF : 1849.5/15

In: -26.477 ± 0.321 χ^2/NDF : 748.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.401 ± 0.225 χ^2/NDF : 1849.5/15

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.100+/-0.013 χ^2/NDF : 274.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.082+/-0.012 χ^2/NDF : 362.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

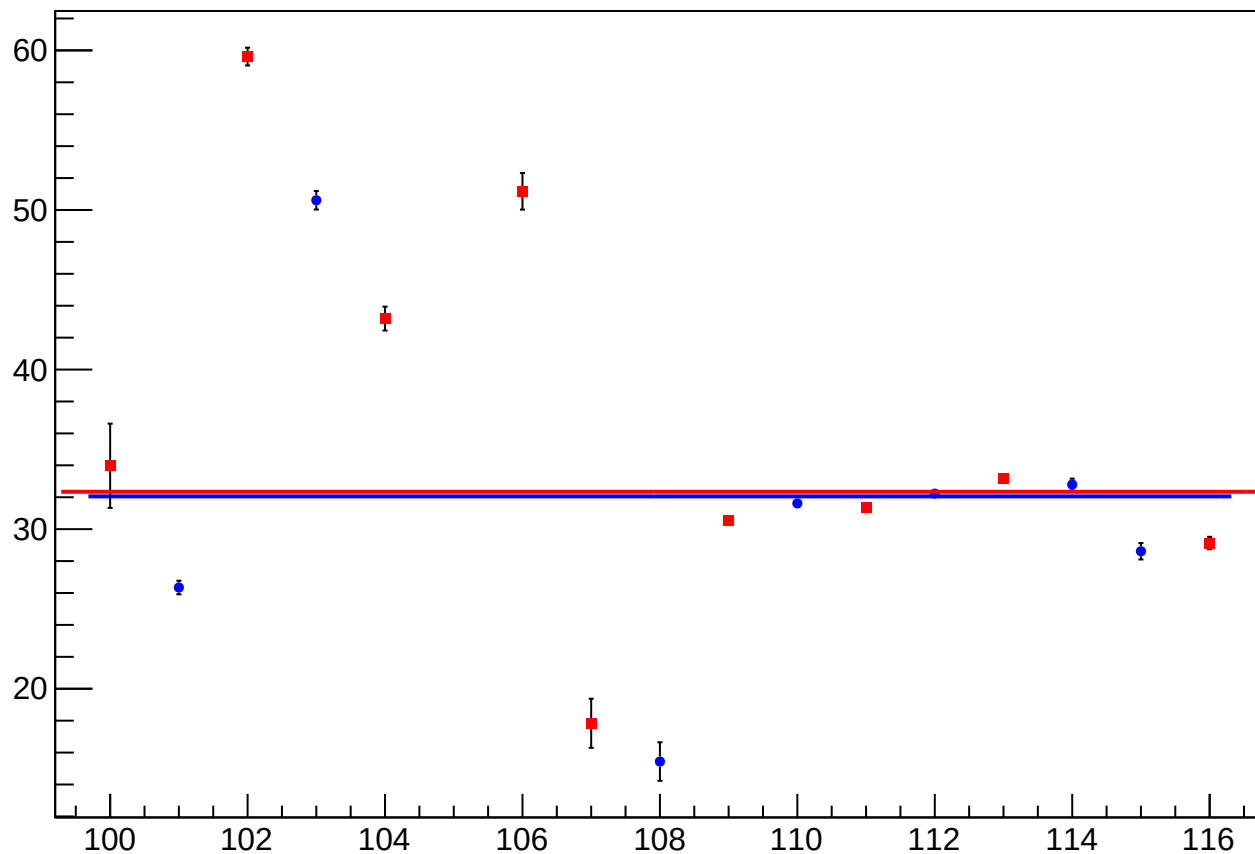
Right: 0.091+/-0.009 χ^2/NDF : 637.3/15

In: 0.100+/-0.013 χ^2/NDF : 274.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.009 χ^2/NDF : 637.3/15

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.054+/-0.109 χ^2/NDF : 1440.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.343+/-0.089 χ^2/NDF : 3241.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

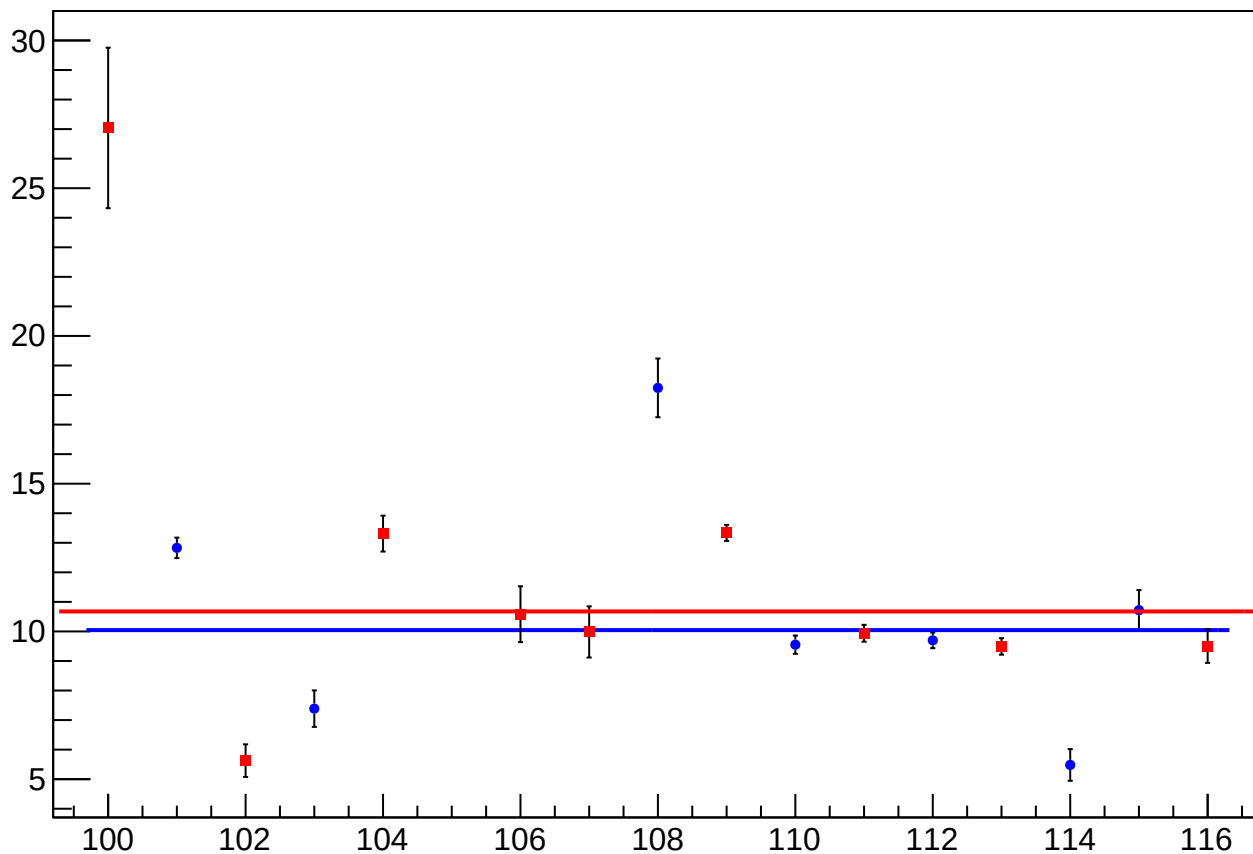
Right: 32.228+/-0.069 χ^2/NDF : 4685.9/15

In: 32.054+/-0.109 χ^2/NDF : 1440.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.228+/-0.069 χ^2/NDF : 4685.9/15

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.045 $\pm$ 0.154 χ^2 /NDF: 228.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.677 $\pm$ 0.141 χ^2 /NDF: 264.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

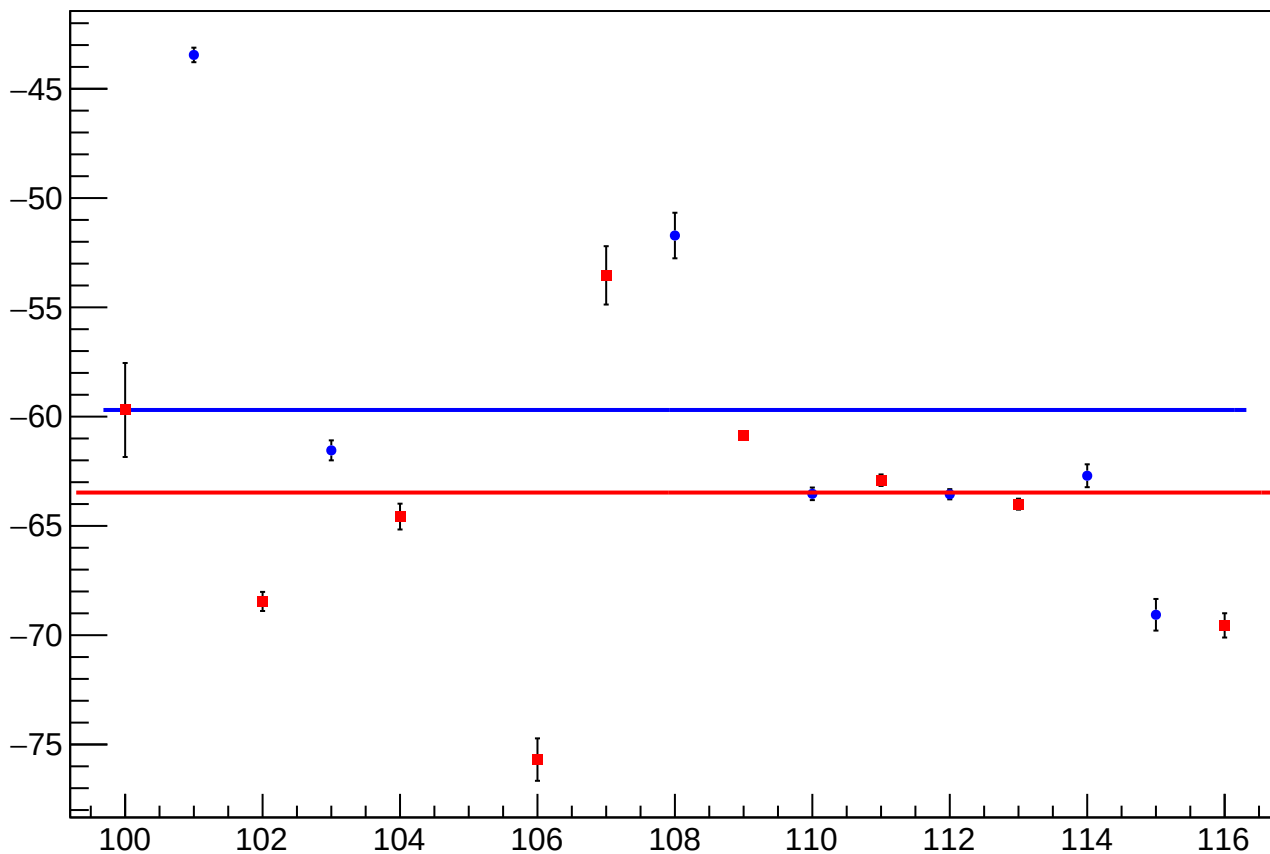
Right: 10.388 $\pm$ 0.104 χ^2 /NDF: 502.1/15

In: 10.045 $\pm$ 0.154 χ^2 /NDF:228.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.388 $\pm$ 0.104 χ^2 /NDF: 502.1/15

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.695 $\pm$ 0.141 χ^2 /NDF: 3110.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.474 $\pm$ 0.124 χ^2 /NDF: 625.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

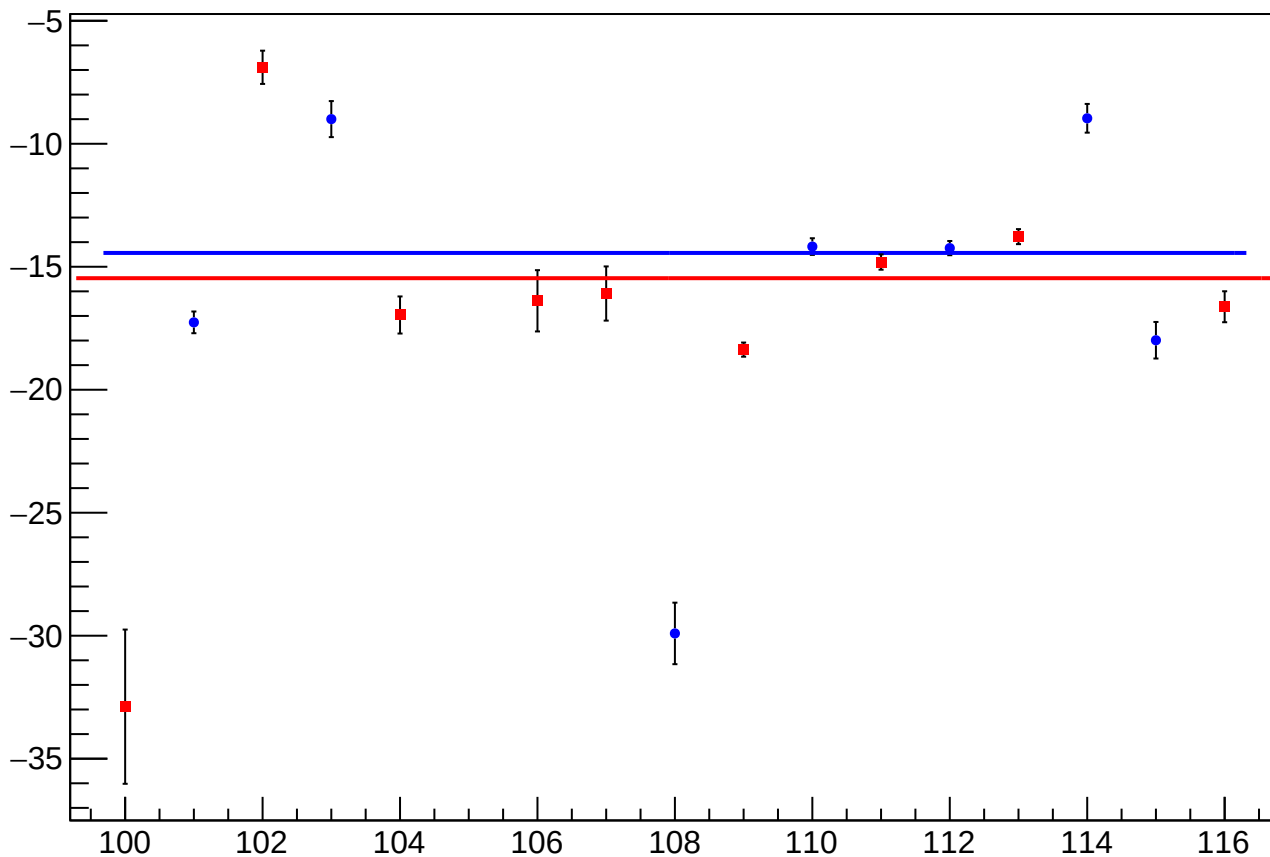
Right: -61.819 $\pm$ 0.093 χ^2 /NDF: 4141.9/15

In: -59.695 $\pm$ 0.141 χ^2 /NDF:3110.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.819 $\pm$ 0.093 χ^2 /NDF: 4141.9/15

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.438 ± 0.174 χ^2/NDF : 360.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.465 ± 0.156 χ^2/NDF : 337.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

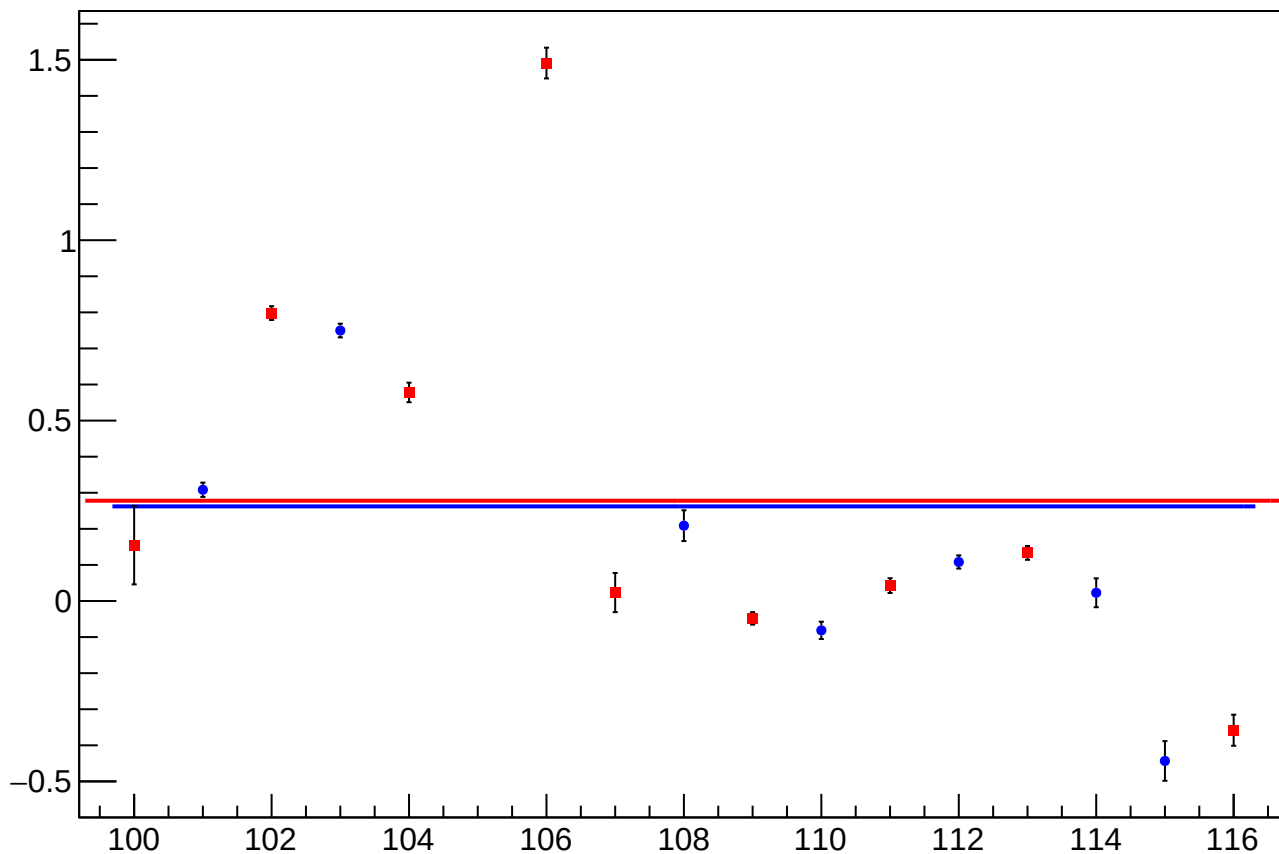
Right: -15.008 ± 0.116 χ^2/NDF : 717.4/15

In: -14.438 ± 0.174 χ^2/NDF : 360.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.008 ± 0.116 χ^2/NDF : 717.4/15

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.262+/-0.009 χ^2/NDF : 1141.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.278+/-0.008 χ^2/NDF : 2455.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

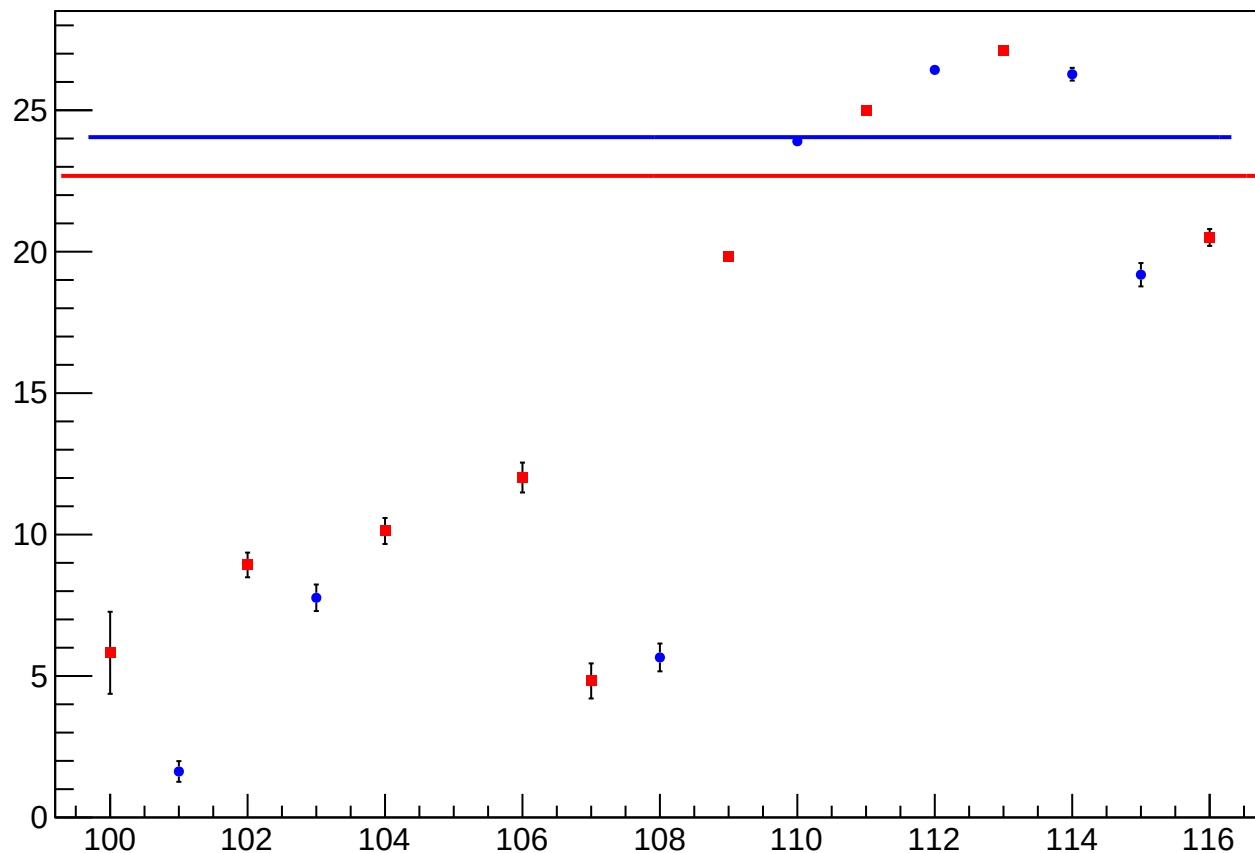
Right: 0.271+/-0.006 χ^2/NDF : 3598.7/15

In: 0.262+/-0.009 χ^2/NDF : 1141.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.271+/-0.006 χ^2/NDF : 3598.7/15

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.049 $\pm$ 0.062 χ^2 /NDF: 7356.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.680 $\pm$ 0.049 χ^2 /NDF: 7202.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

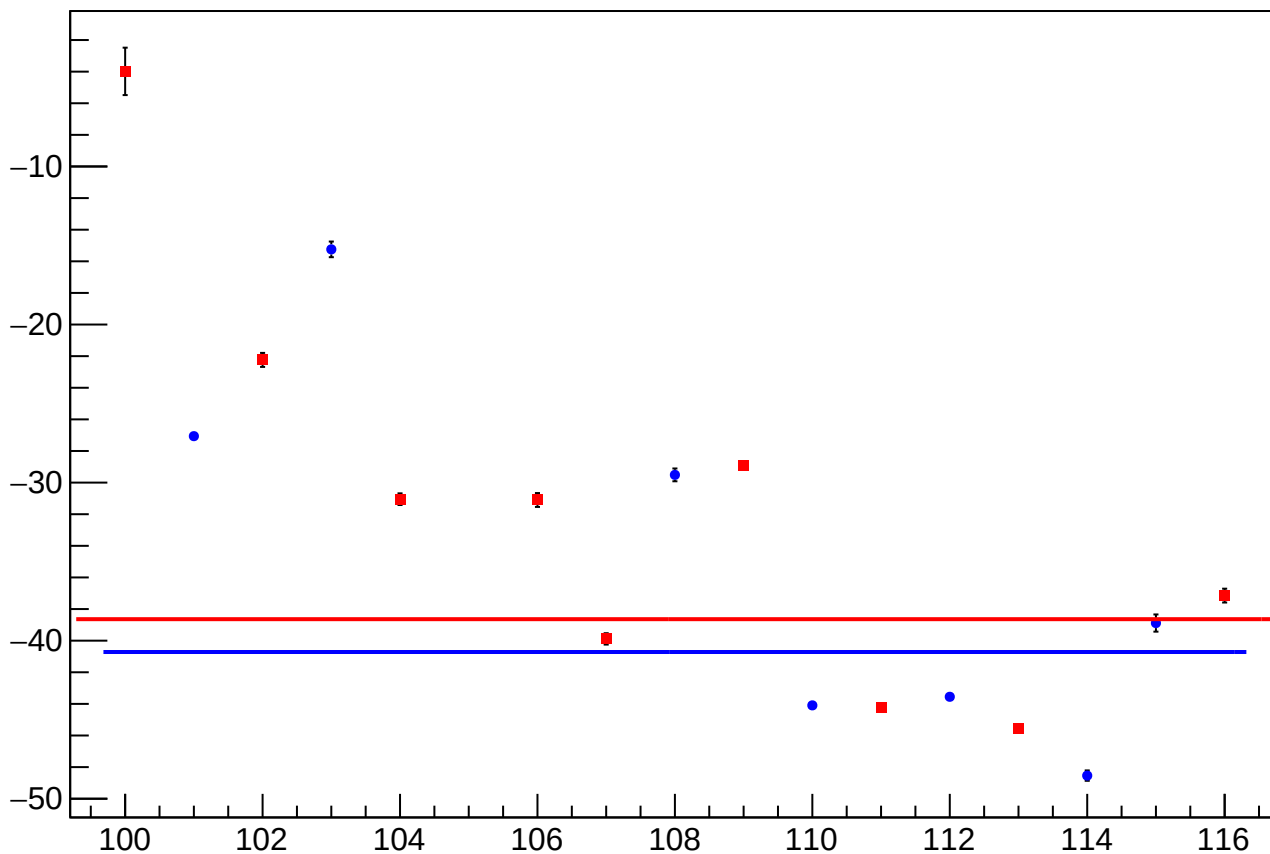
Right: 23.204 $\pm$ 0.038 χ^2 /NDF: 14863.1/15

In: 24.049 $\pm$ 0.062 χ^2 /NDF:7356.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.204 $\pm$ 0.038 χ^2 /NDF: 14863.1/15

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.717 ± 0.092 χ^2/NDF : 6907.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.640 ± 0.080 χ^2/NDF : 9410.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

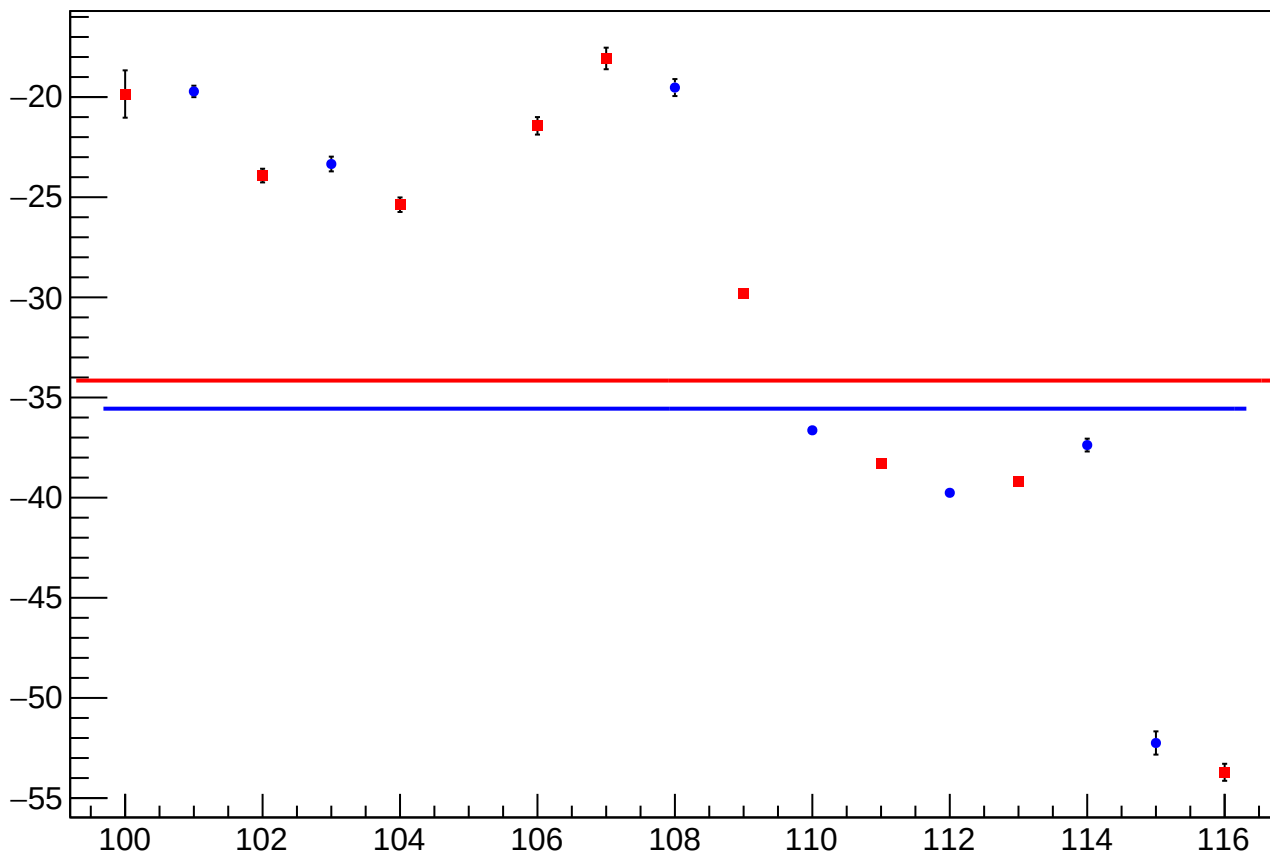
Right: -39.543 ± 0.060 χ^2/NDF : 16608.3/15

In: -40.717 ± 0.092 χ^2/NDF : 6907.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.543 ± 0.060 χ^2/NDF : 16608.3/15

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.558 ± 0.084 χ^2/NDF : 7597.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.154 ± 0.069 χ^2/NDF : 9062.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

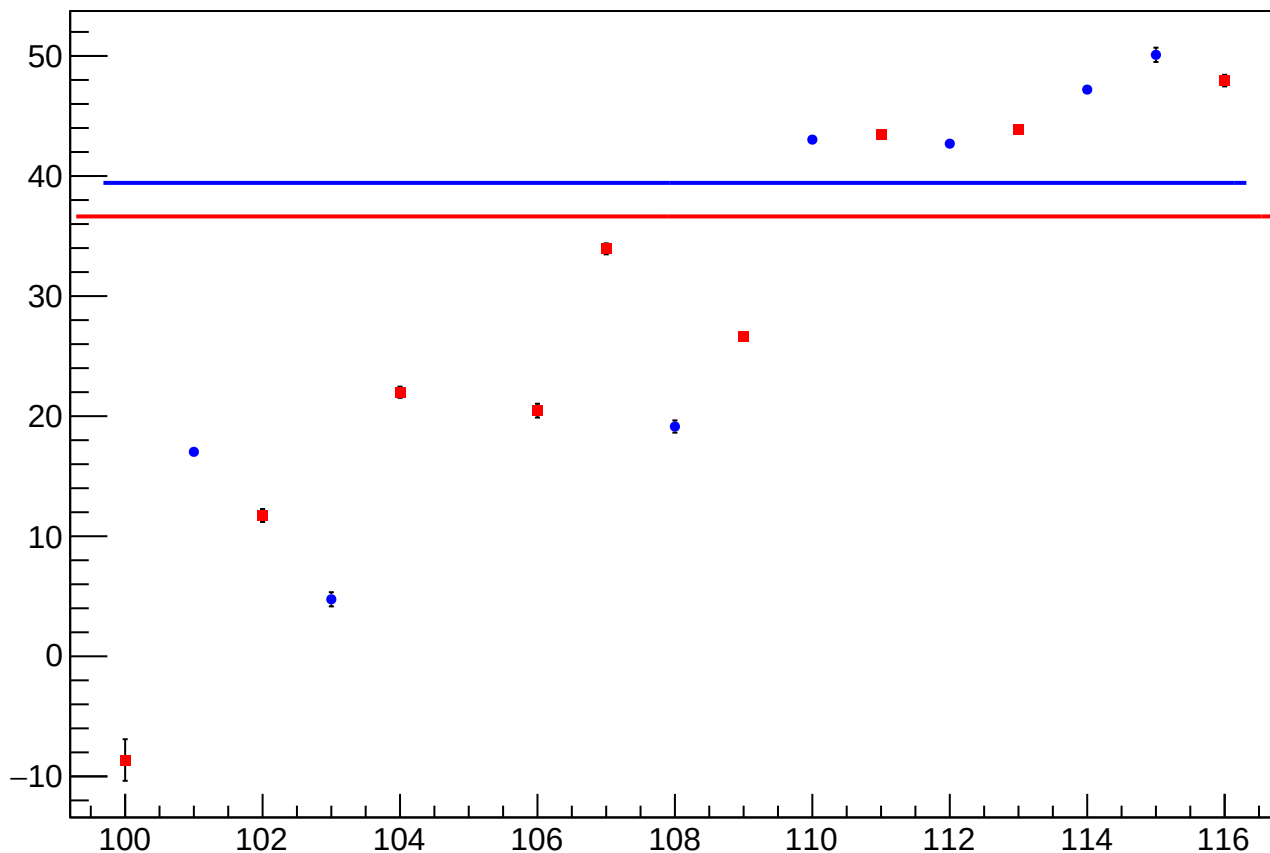
Right: -34.725 ± 0.053 χ^2/NDF : 16826.3/15

In: -35.558 ± 0.084 χ^2/NDF : 7597.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.725 ± 0.053 χ^2/NDF : 16826.3/15

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.429+/-0.102 χ^2/NDF : 10159.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.634+/-0.088 χ^2/NDF : 12189.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

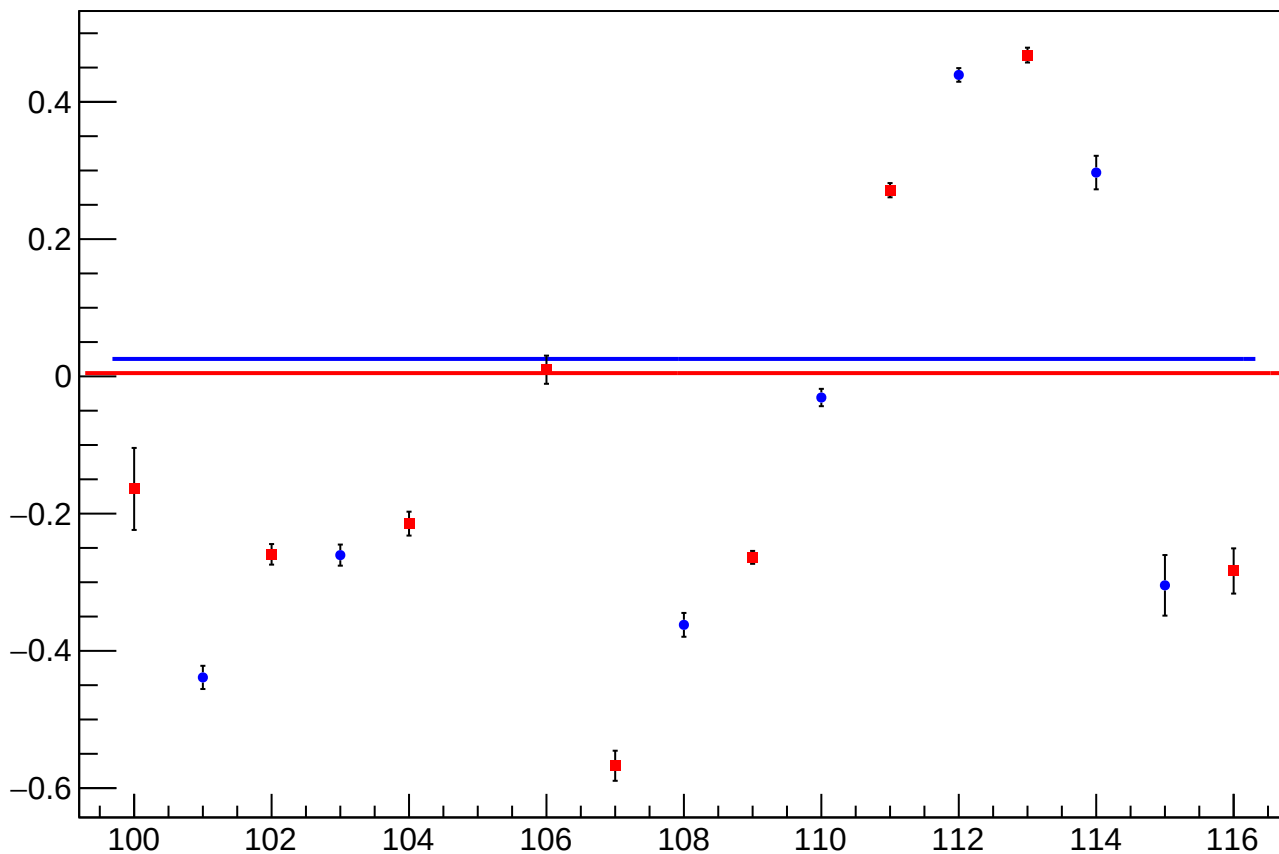
Right: 37.829+/-0.067 χ^2/NDF : 22775.6/15

In: 39.429+/-0.102 χ^2/NDF : 10159.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.829+/-0.067 χ^2/NDF : 22775.6/15

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.025+/-0.006 χ^2/NDF : 3526.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.005 χ^2/NDF : 4545.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

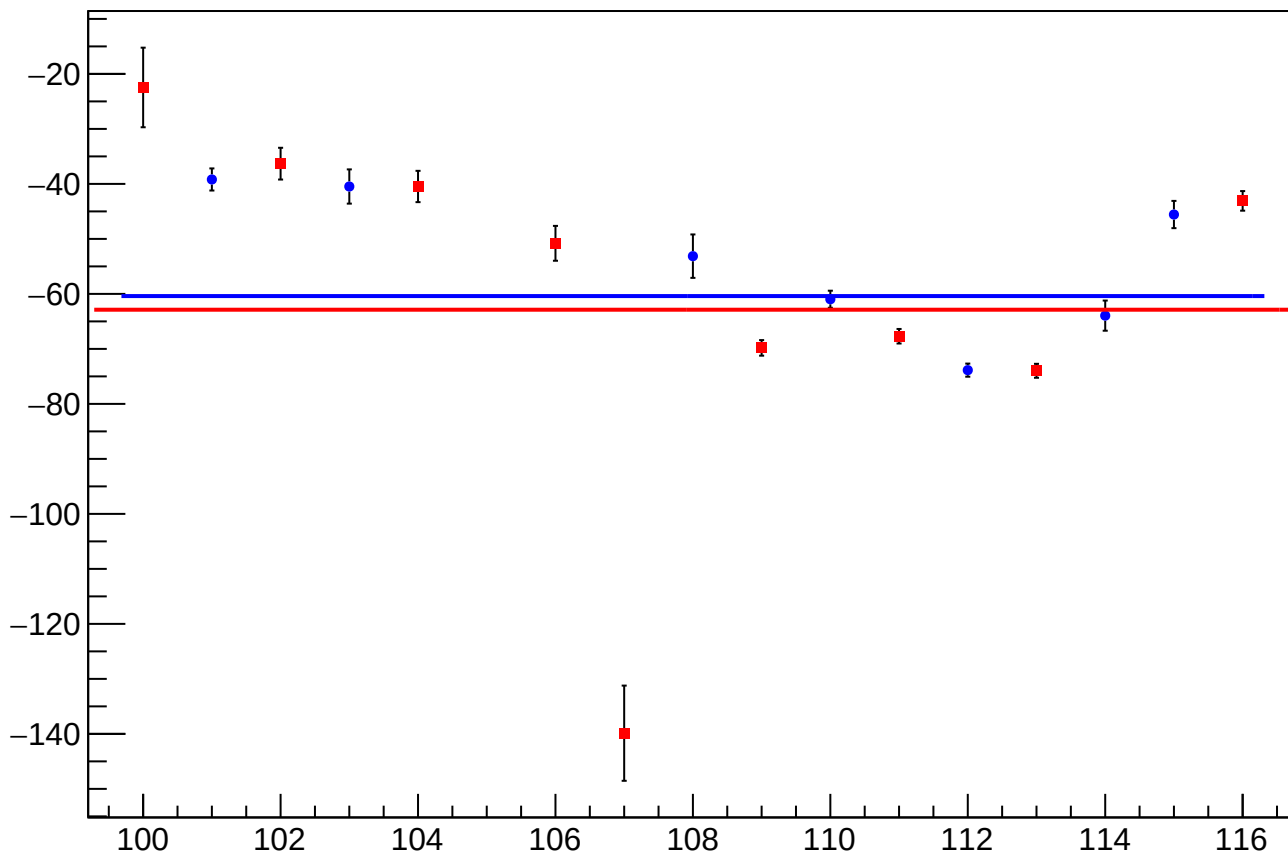
Right: 0.013+/-0.004 χ^2/NDF : 8079.0/15

In: 0.025+/-0.006 χ^2/NDF : 3526.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.004 χ^2/NDF : 8079.0/15

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.396+/-0.739 χ^2/NDF : 320.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.876+/-0.648 χ^2/NDF : 508.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

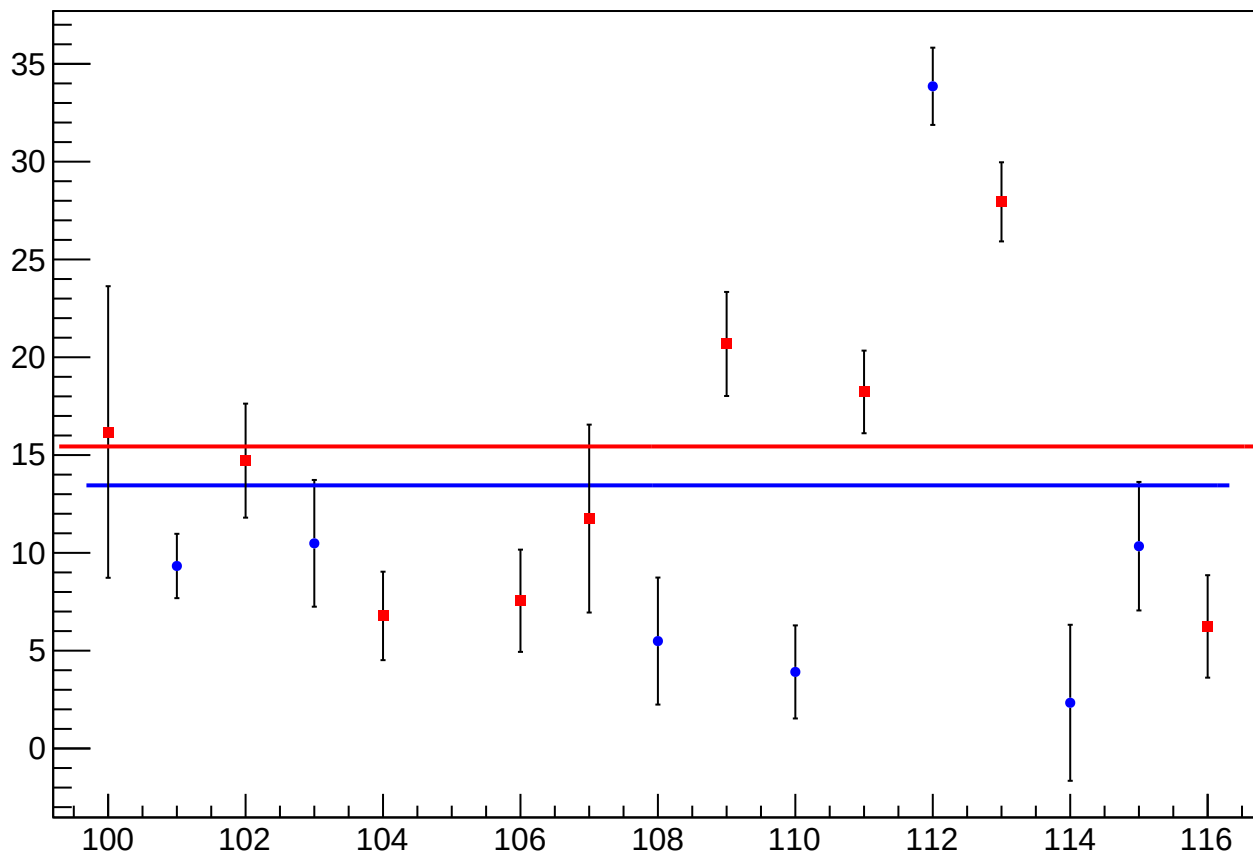
Right: -61.799+/-0.487 χ^2/NDF : 836.1/15

In: -60.396+/-0.739 χ^2/NDF : 320.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.799+/-0.487 χ^2/NDF : 836.1/15

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.451+/-0.933 χ^2/NDF : 144.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.440+/-0.885 χ^2/NDF : 80.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

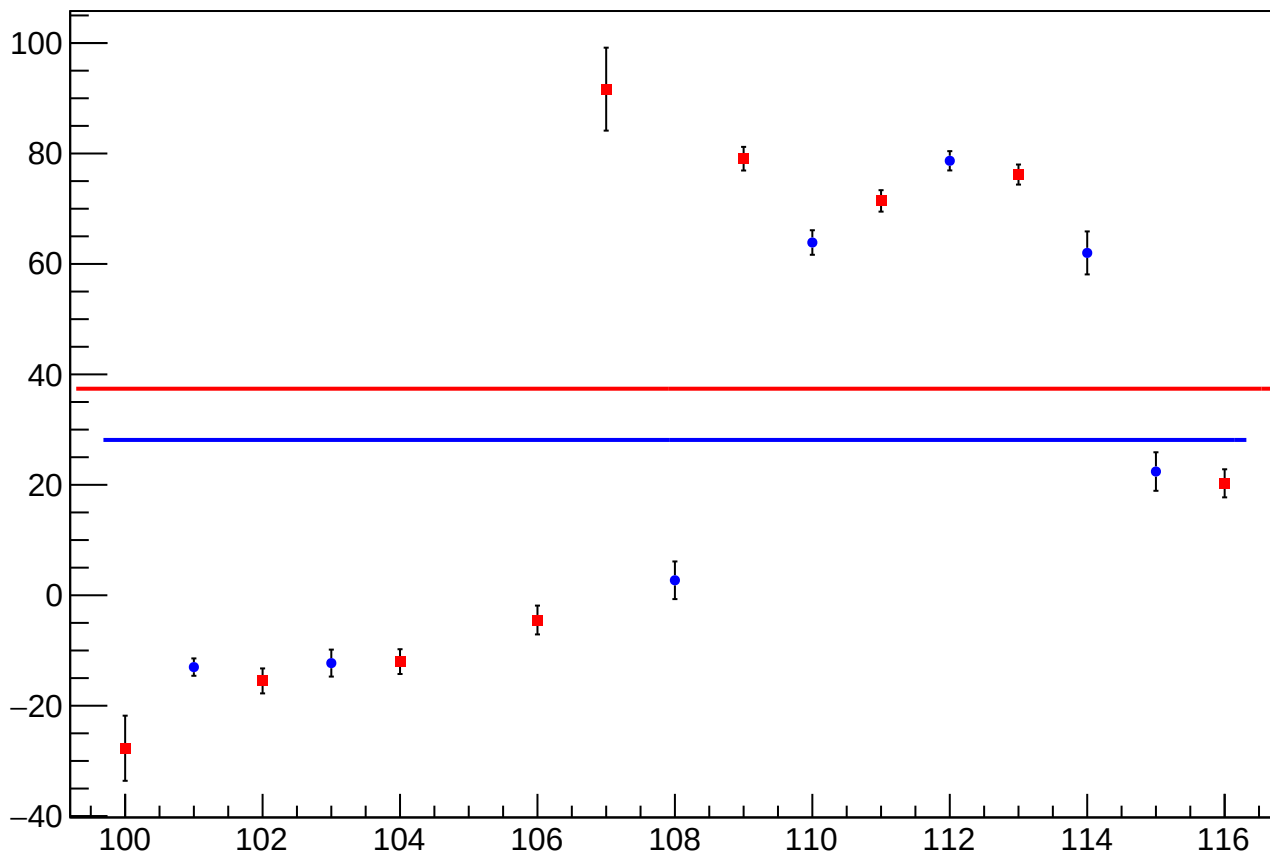
Right: 14.498+/-0.642 χ^2/NDF : 227.7/15

In: 13.451+/-0.933 χ^2/NDF : 144.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.498+/-0.642 χ^2/NDF : 227.7/15

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.129+/-0.865 χ^2/NDF : 2188.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.406+/-0.809 χ^2/NDF : 2650.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

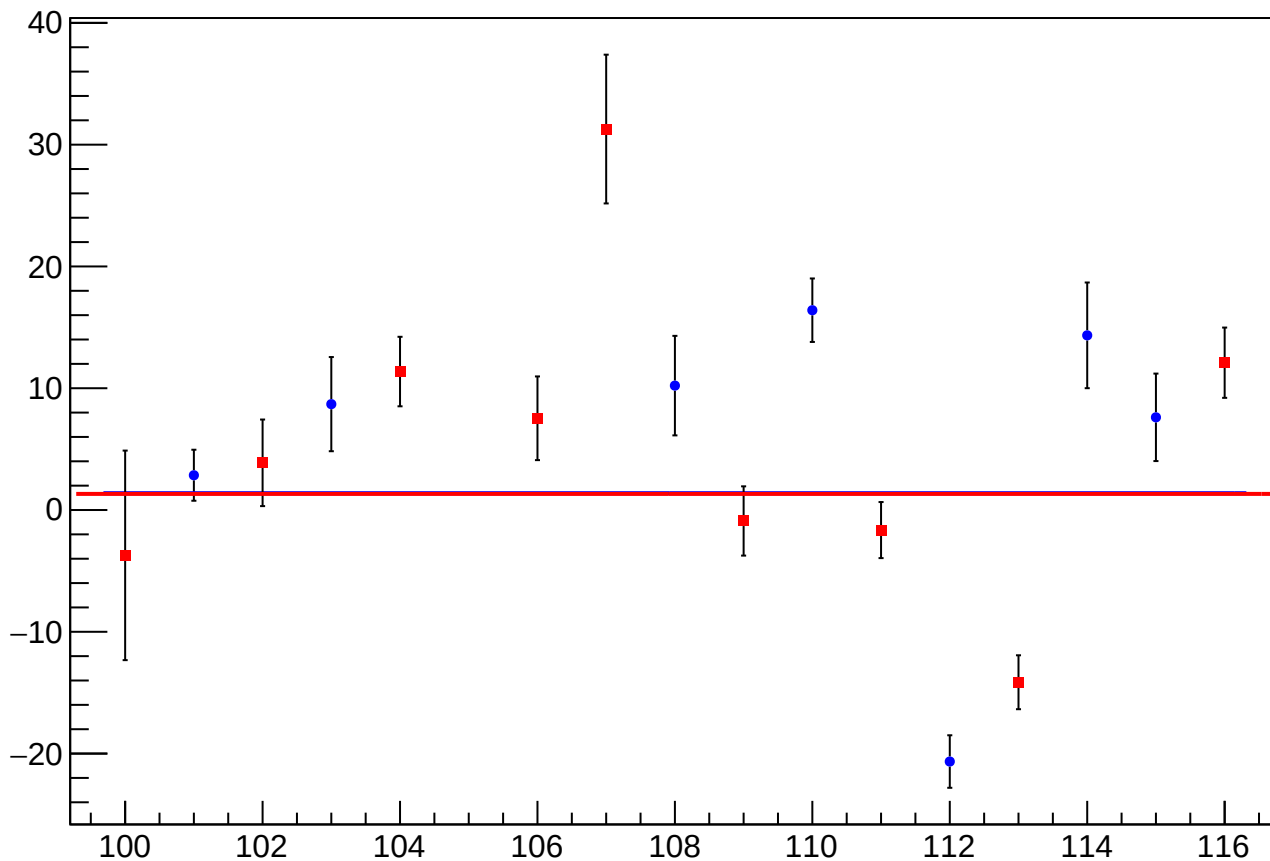
Right: 33.079+/-0.591 χ^2/NDF : 4900.4/15

In: 28.129+/-0.865 χ^2/NDF : 2188.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.079+/-0.591 χ^2/NDF : 4900.4/15

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.380+/-1.086 χ^2/NDF : 158.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.323+/-1.019 χ^2/NDF : 105.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

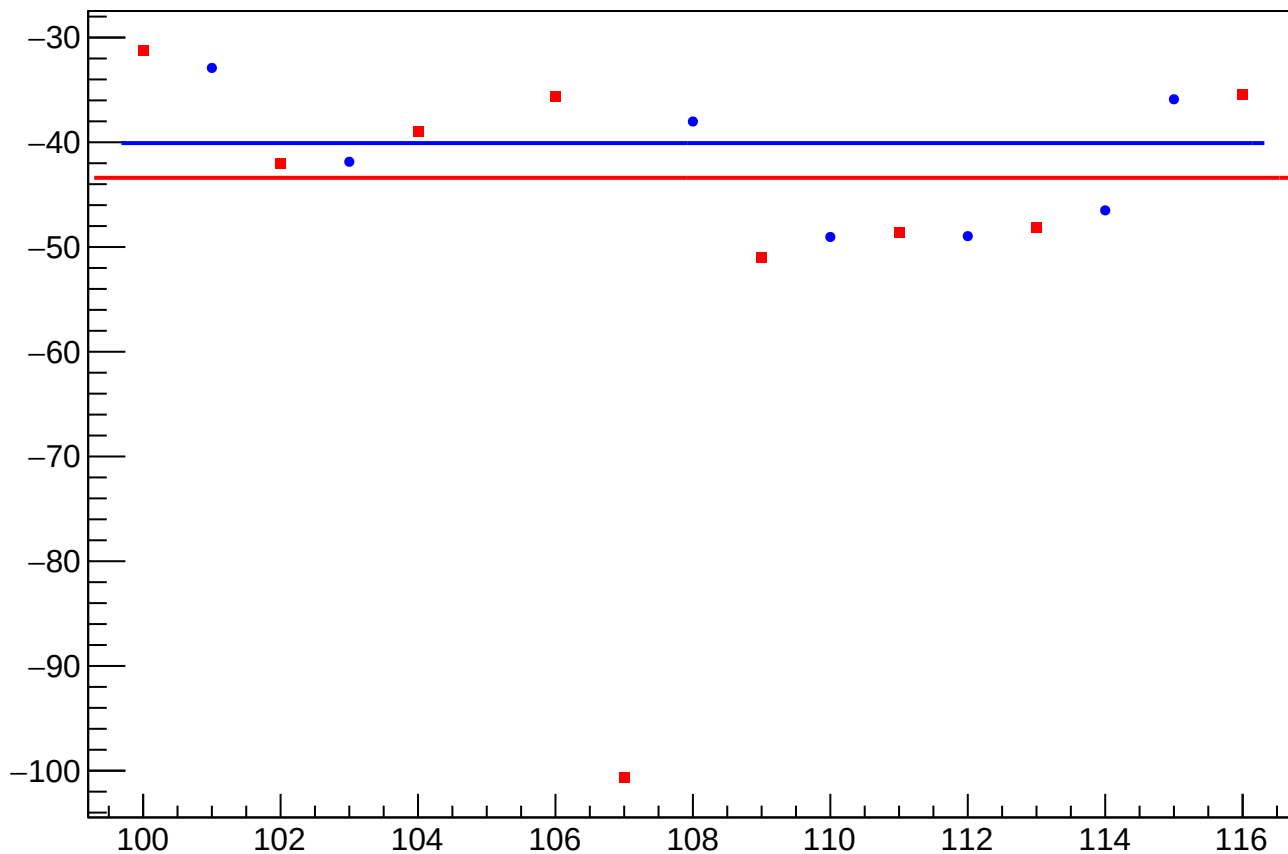
Right: 1.350+/-0.743 χ^2/NDF : 263.9/15

In: 1.380+/-1.086 χ^2/NDF : 158.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.350+/-0.743 χ^2/NDF : 263.9/15

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.078+/-0.052 χ^2/NDF : 13691.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -43.393+/-0.048 χ^2/NDF : 49117.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

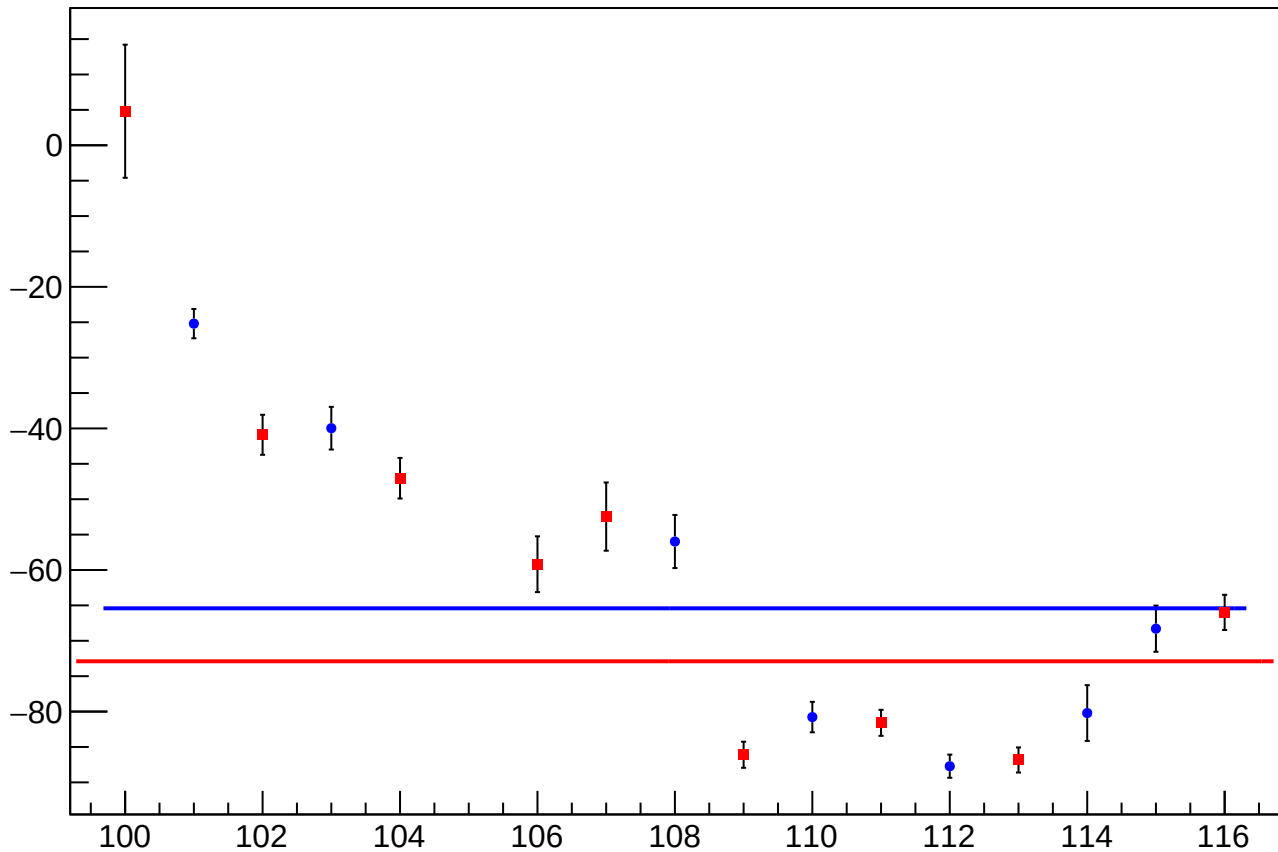
Right: -41.878+/-0.035 χ^2/NDF : 65011.3/15

In: -40.078+/-0.052 χ^2/NDF :13691.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.878+/-0.035 χ^2/NDF : 65011.3/15

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.413 $\pm$ 0.928 χ^2 /NDF: 706.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.894 $\pm$ 0.834 χ^2 /NDF: 451.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

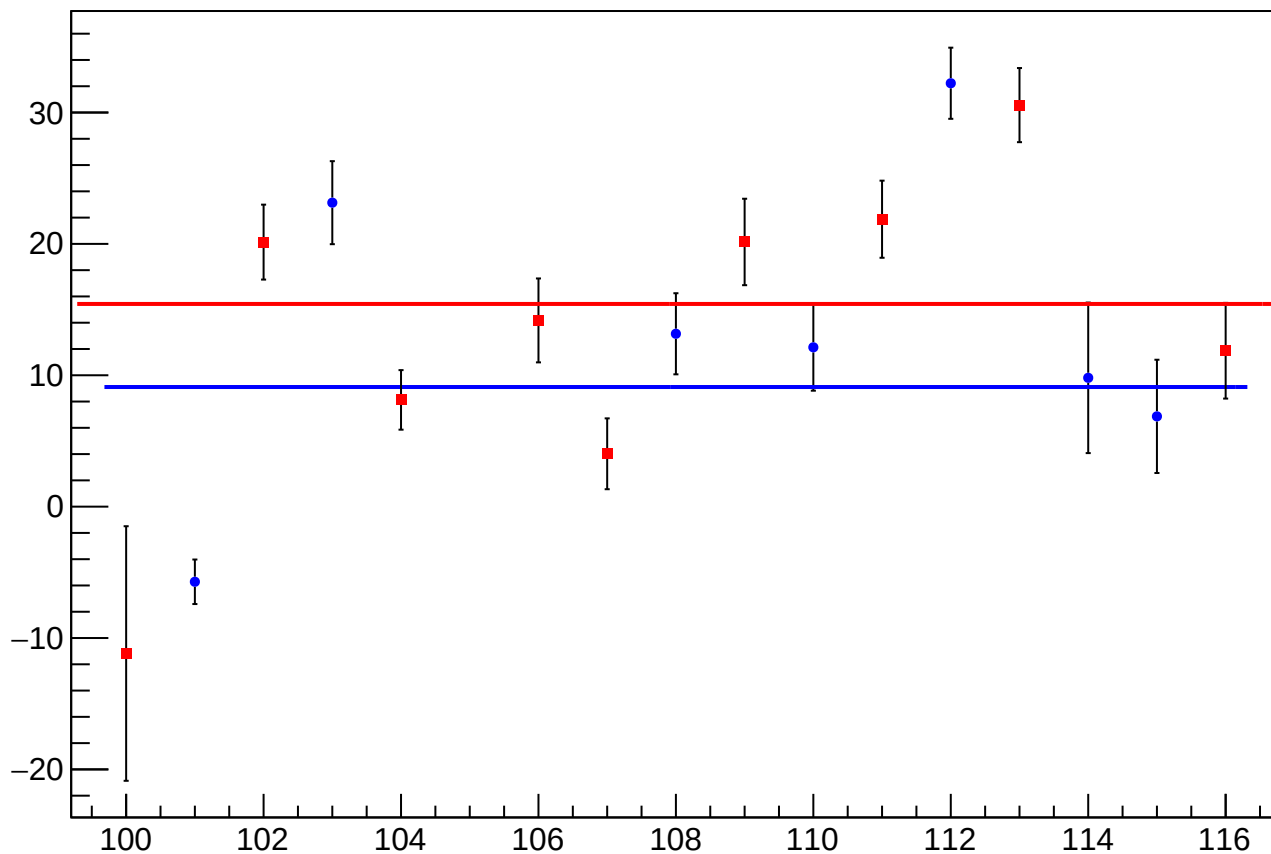
Right: -69.550 $\pm$ 0.620 χ^2 /NDF: 1193.8/15

In: -65.413 $\pm$ 0.928 χ^2 /NDF: 706.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.550 $\pm$ 0.620 χ^2 /NDF: 1193.8/15

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.106+/-1.075 χ^2/NDF : 172.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.429+/-1.014 χ^2/NDF : 75.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

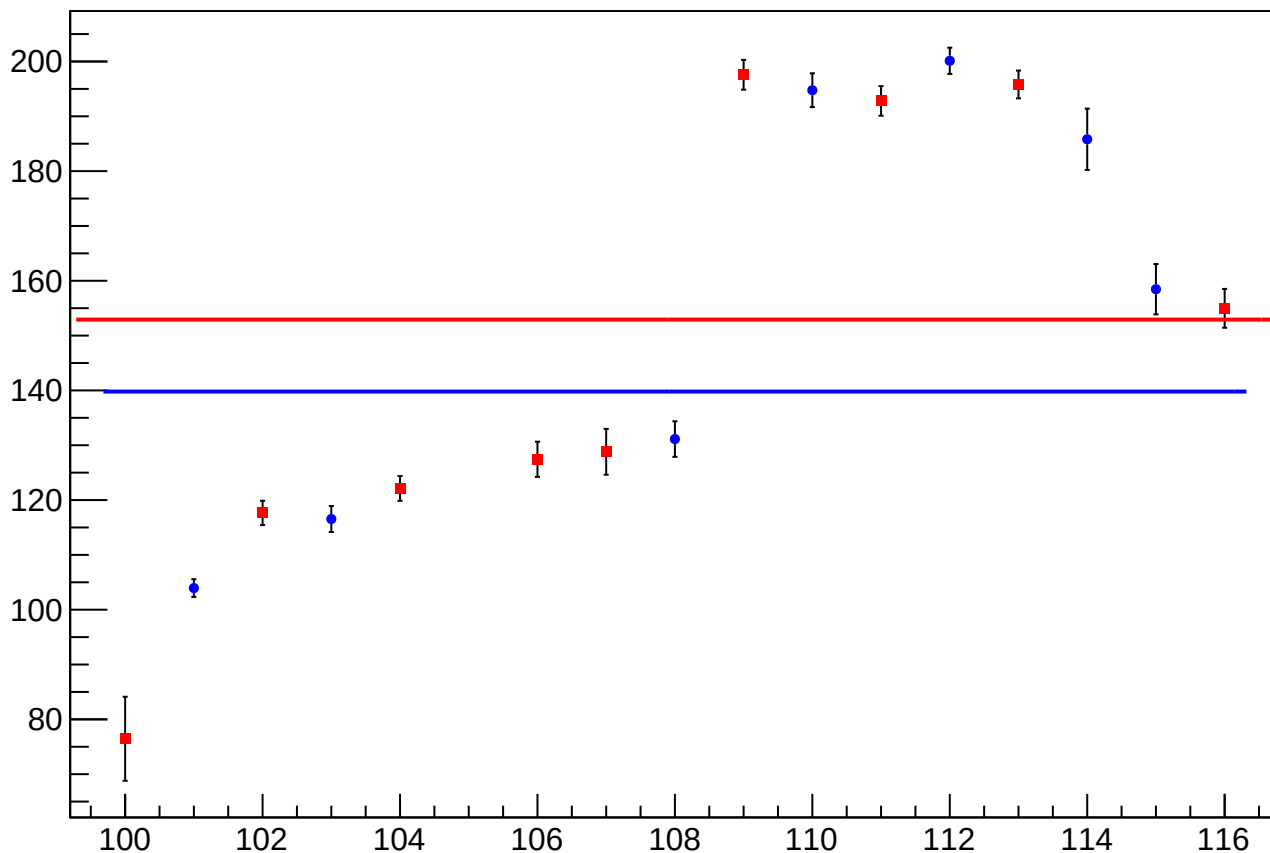
Right: 12.452+/-0.737 χ^2/NDF : 265.7/15

In: 9.106+/-1.075 χ^2/NDF : 172.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.452+/-0.737 χ^2/NDF : 265.7/15

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 139.794+/-0.993 χ^2/NDF : 1629.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.918+/-0.963 χ^2/NDF : 1409.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

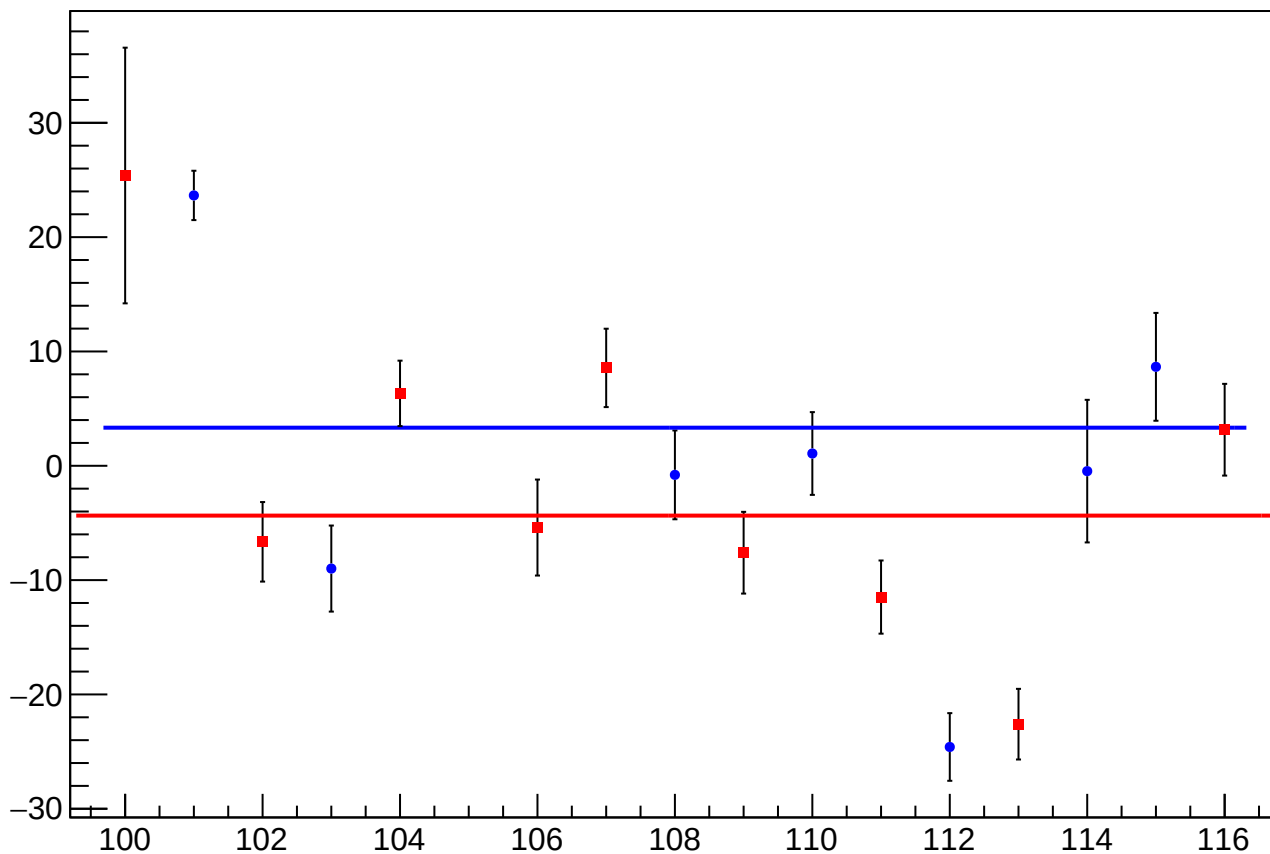
Right: 146.560+/-0.691 χ^2/NDF : 3128.7/15

In: 139.794+/-0.993 χ^2/NDF : 1629.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.560+/-0.691 χ^2/NDF : 3128.7/15

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.333+/-1.277 χ^2/NDF : 191.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.358+/-1.198 χ^2/NDF : 79.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

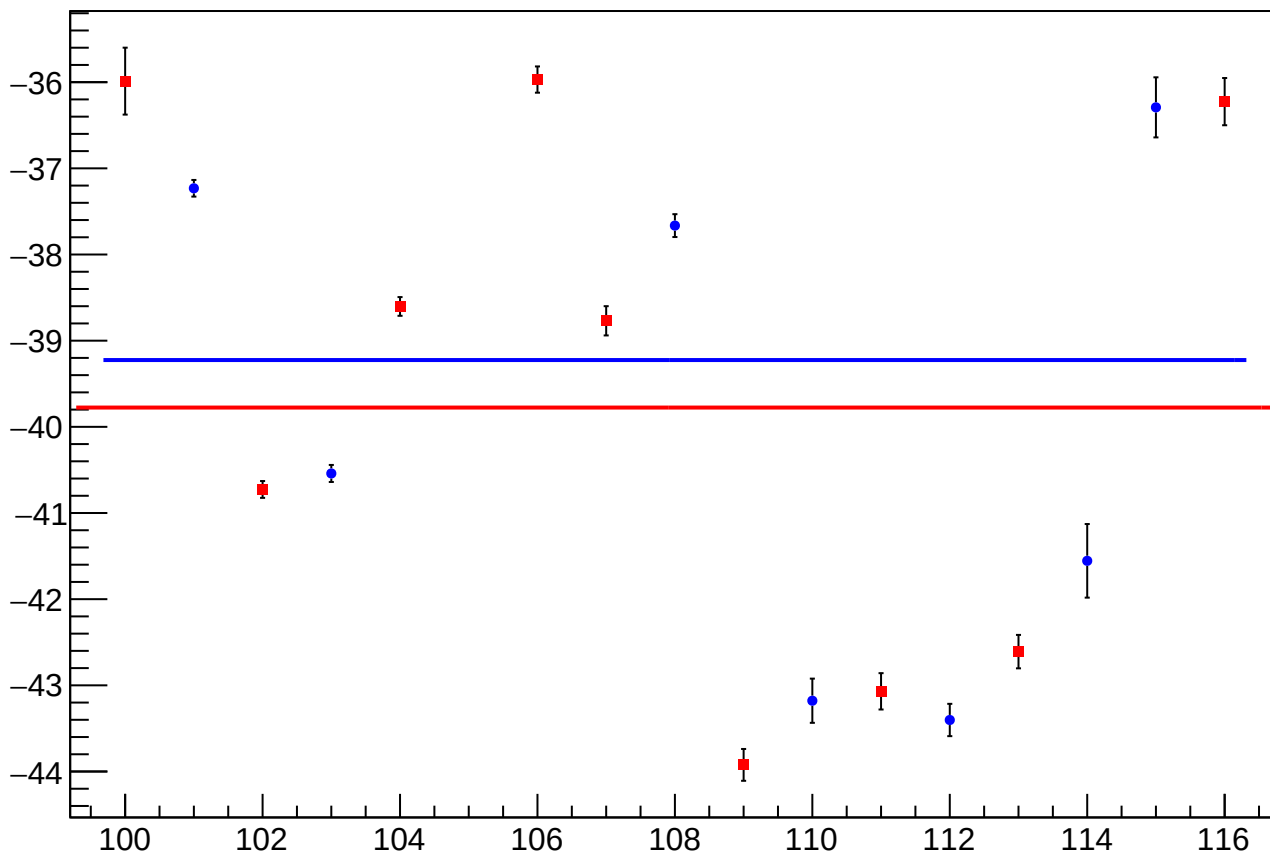
Right: -0.760+/-0.874 χ^2/NDF : 290.8/15

In: 3.333+/-1.277 χ^2/NDF : 191.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.760+/-0.874 χ^2/NDF : 290.8/15

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.225 ± 0.056 χ^2/NDF : 1576.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.776 ± 0.052 χ^2/NDF : 2095.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

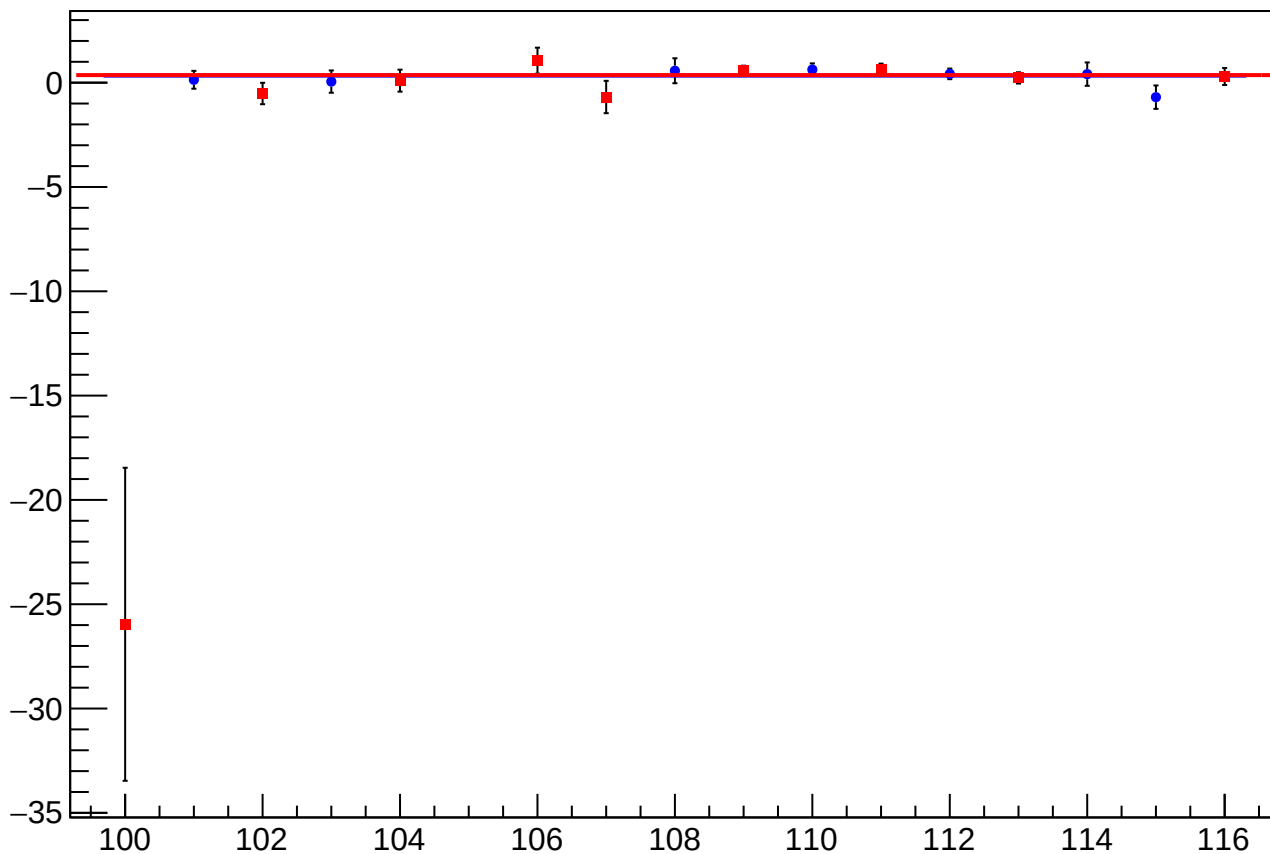
Right: -39.517 ± 0.038 χ^2/NDF : 3723.6/15

In: -39.225 ± 0.056 χ^2/NDF : 1576.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.517 ± 0.038 χ^2/NDF : 3723.6/15

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.339+/-0.149 χ^2/NDF : 5.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.362+/-0.128 χ^2/NDF : 20.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

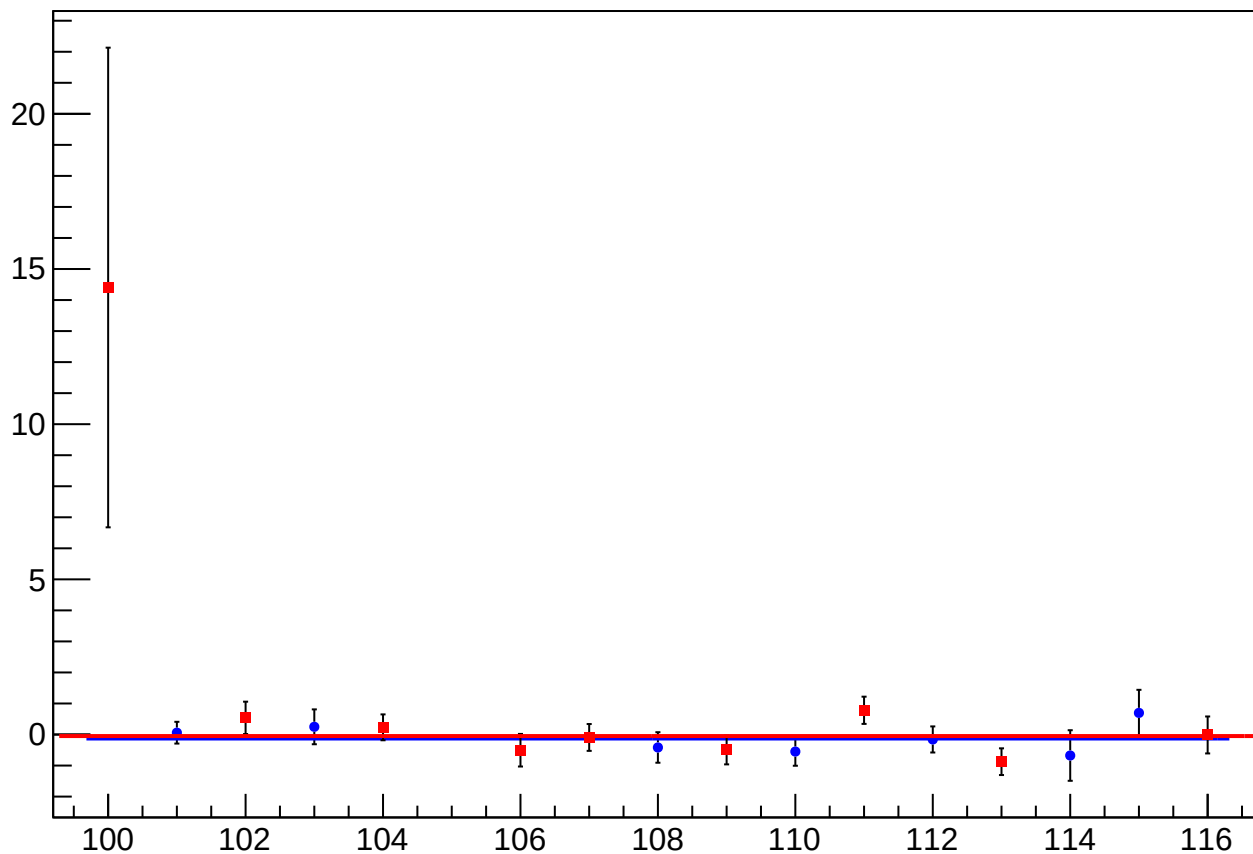
Right: 0.353+/-0.097 χ^2/NDF : 25.7/15

In: 0.339+/-0.149 χ^2/NDF : 5.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.353+/-0.097 χ^2/NDF : 25.7/15

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.128 ± 0.185 χ^2/NDF : 3.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.049 ± 0.166 χ^2/NDF : 14.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

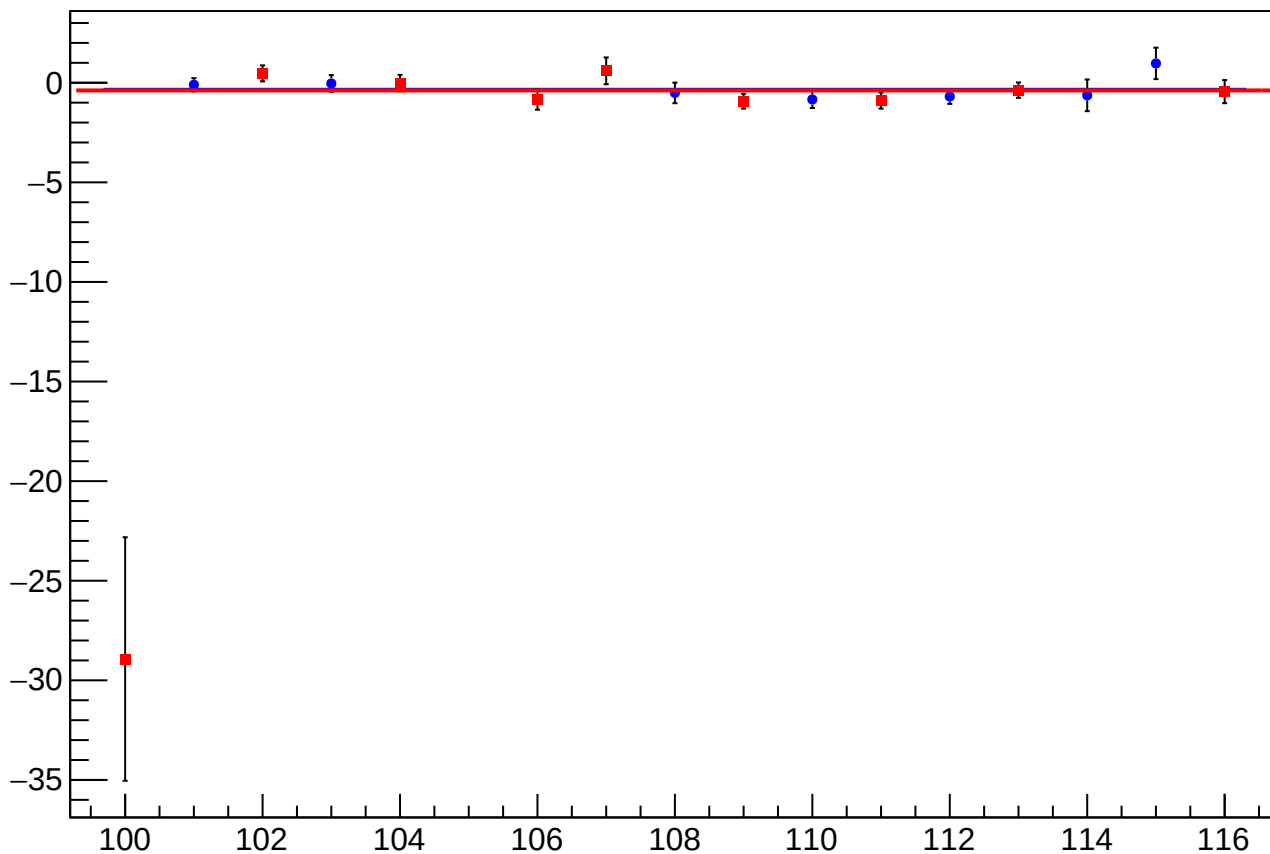
Right: -0.085 ± 0.123 χ^2/NDF : 17.9/15

In: -0.128 ± 0.185 χ^2/NDF : 3.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.085 ± 0.123 χ^2/NDF : 17.9/15

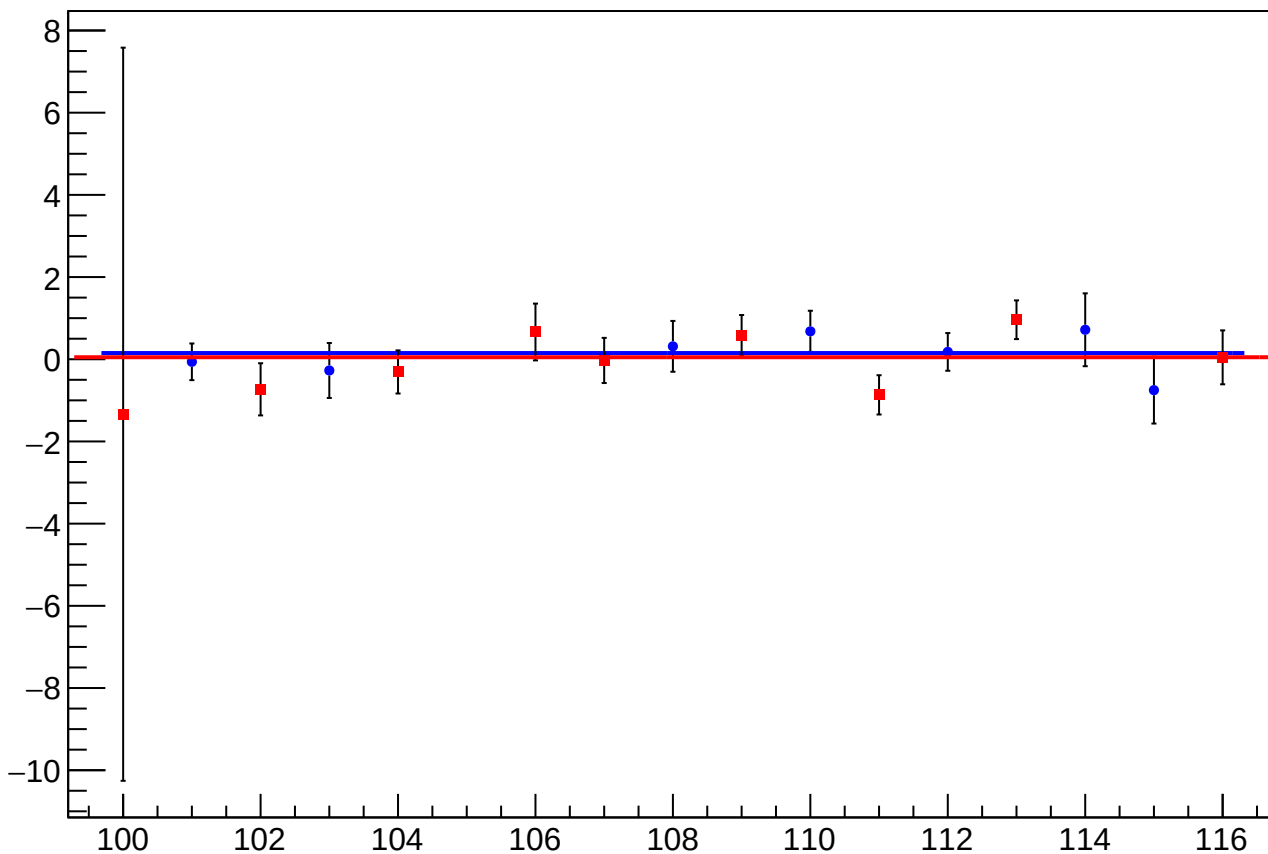
reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.354+/-0.171 χ^2/NDF : 6.3/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.385+/-0.156 χ^2/NDF : 33.7/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.371+/-0.115 χ^2/NDF : 40.0/15
 In: -0.354+/-0.171 χ^2/NDF : 6.3/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.371+/-0.115 χ^2/NDF : 40.0/15

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.151+/-0.216 χ^2/NDF : 3.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.193 χ^2/NDF : 11.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

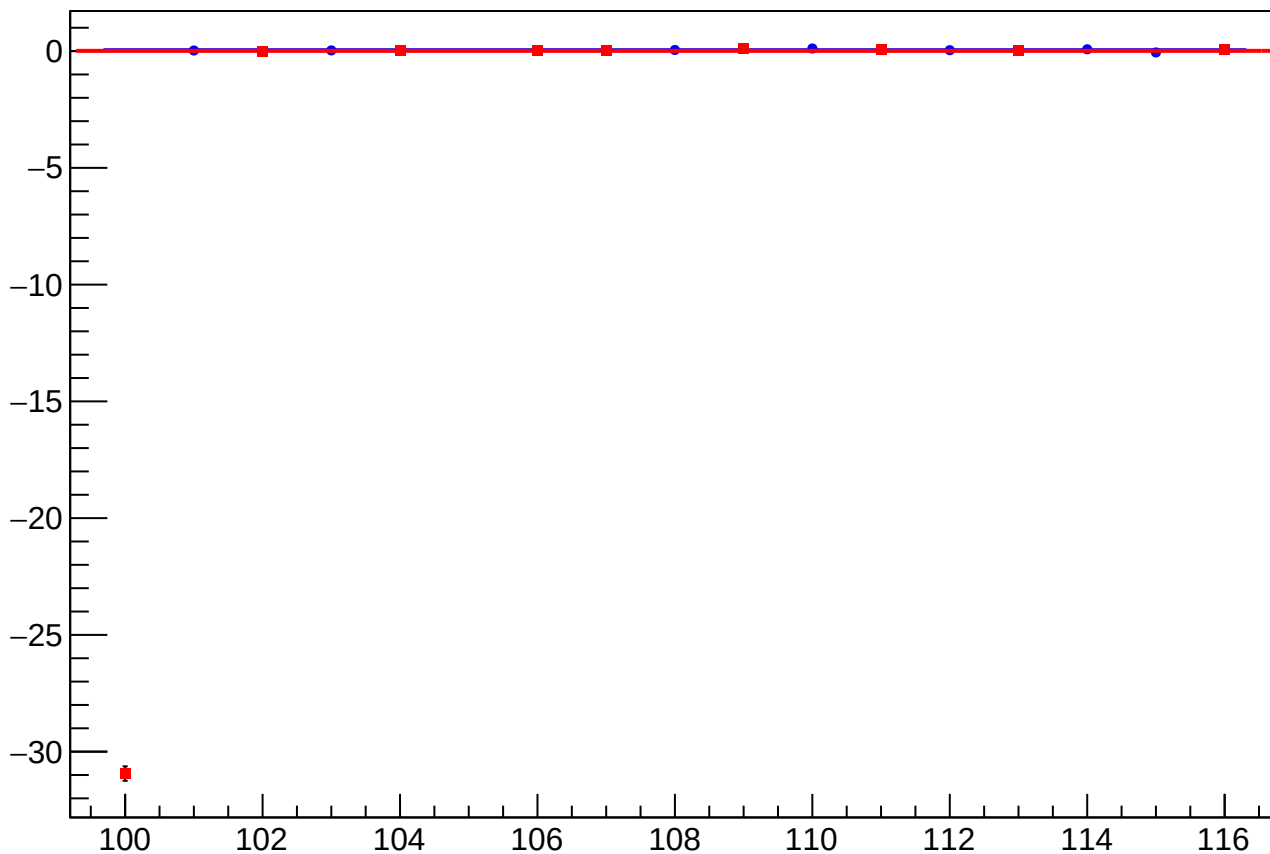
Right: 0.094+/-0.144 χ^2/NDF : 14.9/15

In: 0.151+/-0.216 χ^2/NDF : 3.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.094+/-0.144 χ^2/NDF : 14.9/15

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.039+/-0.010 χ^2/NDF : 8.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.009 χ^2/NDF : 10003.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

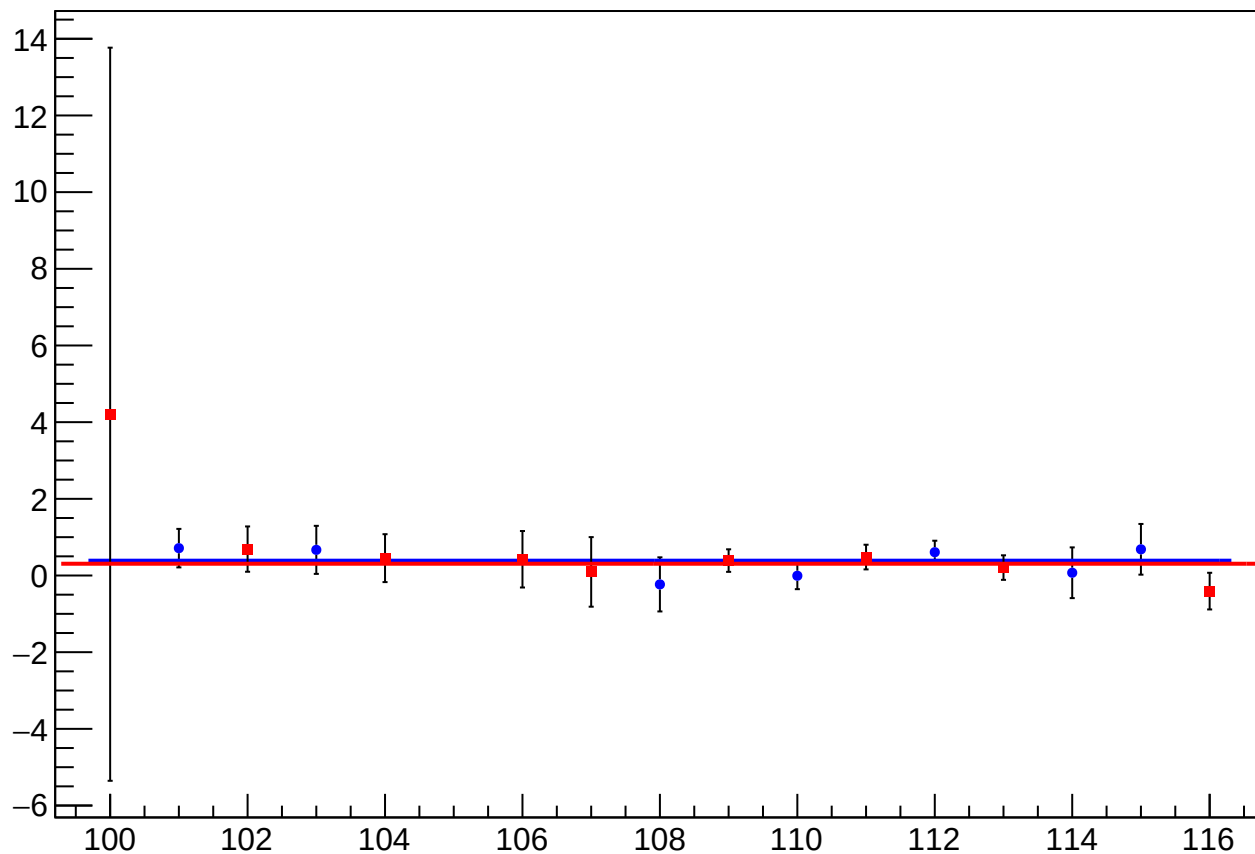
Right: 0.024+/-0.007 χ^2/NDF : 10015.6/15

In: 0.039+/-0.010 χ^2/NDF : 8.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.007 χ^2/NDF : 10015.6/15

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.386+/-0.175 χ^2/NDF : 3.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.307+/-0.151 χ^2/NDF : 3.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

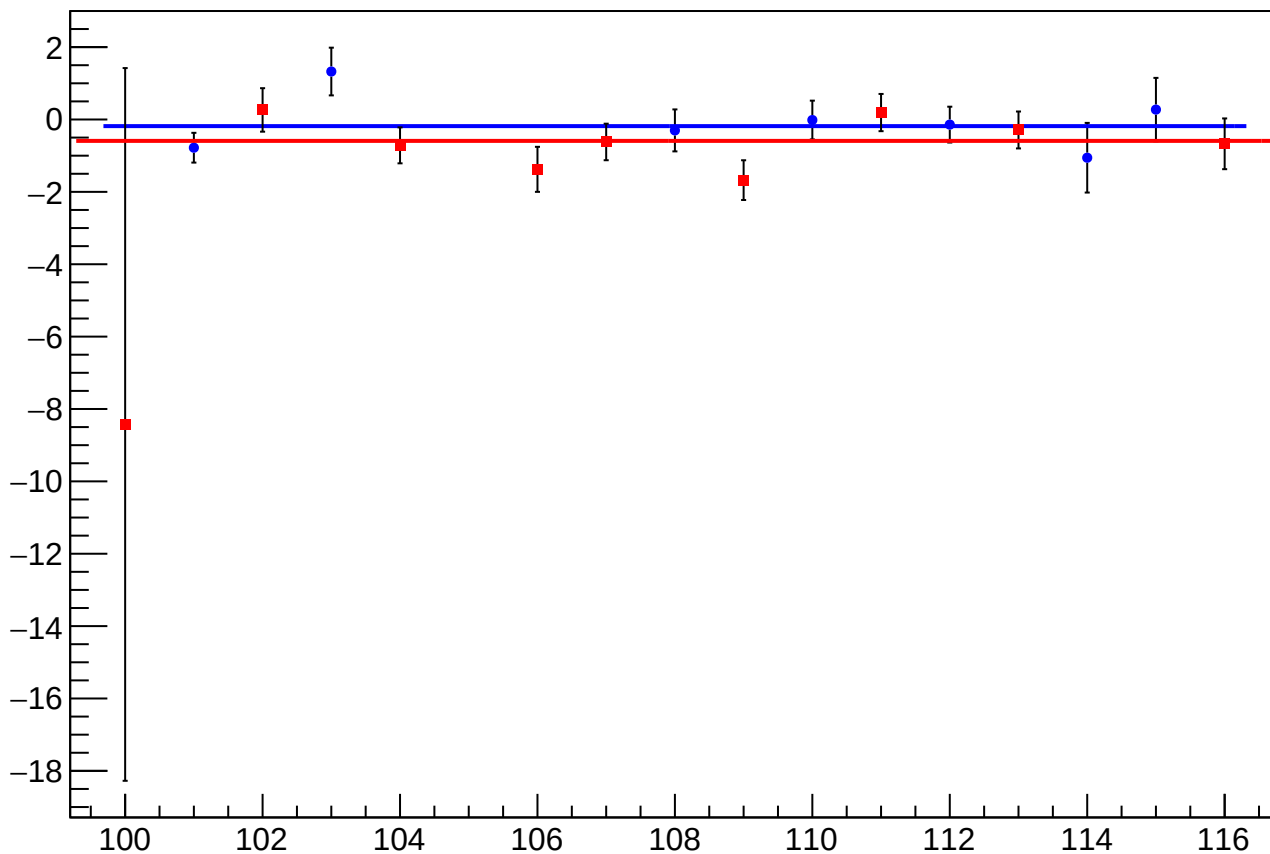
Right: 0.341+/-0.114 χ^2/NDF : 7.2/15

In: 0.386+/-0.175 χ^2/NDF : 3.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.341+/-0.114 χ^2/NDF : 7.2/15

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.183 ± 0.218 χ^2/NDF : 8.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.591 ± 0.195 χ^2/NDF : 10.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

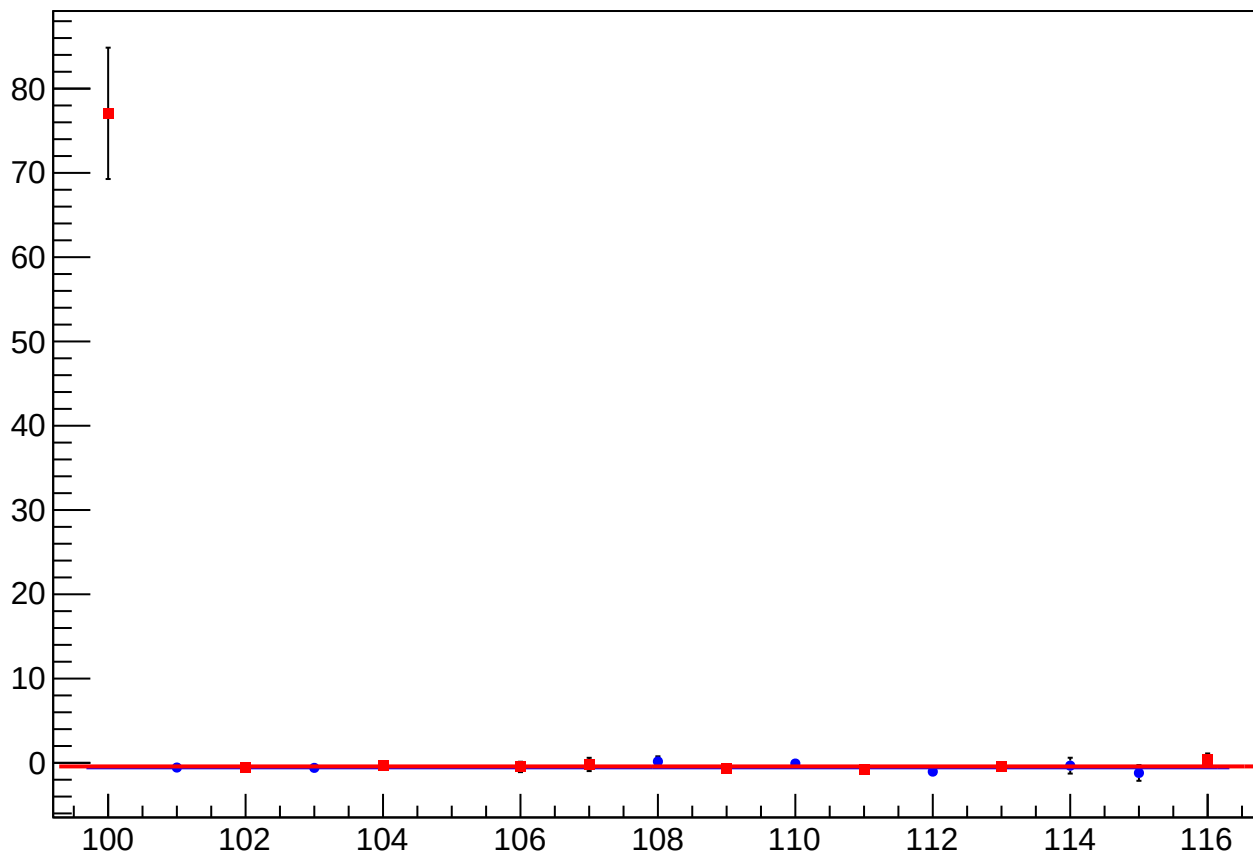
Right: -0.409 ± 0.145 χ^2/NDF : 21.4/15

In: -0.183 ± 0.218 χ^2/NDF : 8.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.409 ± 0.145 χ^2/NDF : 21.4/15

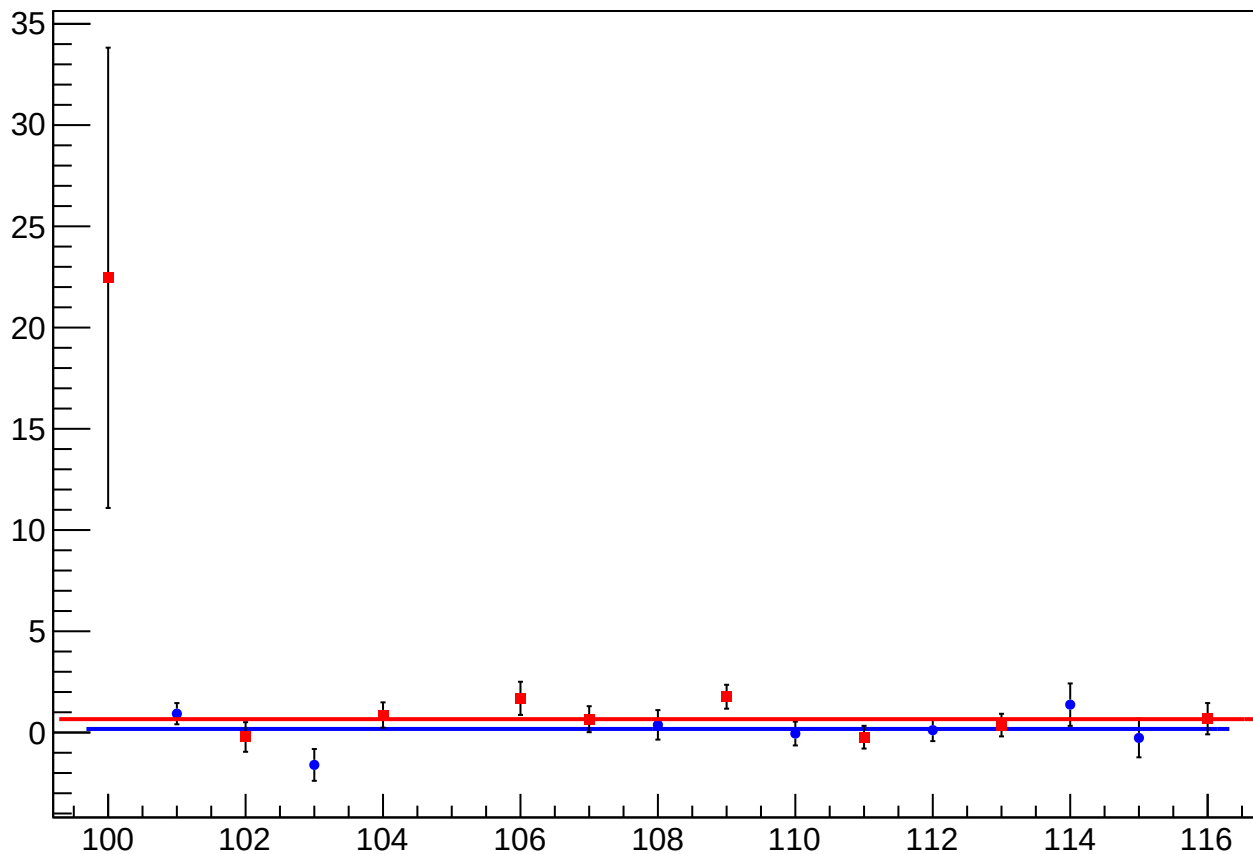
reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.529 ± 0.201 $\chi^2/\text{NDF}: 4.0/6$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.423 ± 0.184 $\chi^2/\text{NDF}: 101.7/8$
 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: -0.471 ± 0.136 $\chi^2/\text{NDF}: 105.9/15$
 In: -0.529 ± 0.201 $\chi^2/\text{NDF}: 4.0/6$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.471 ± 0.136 $\chi^2/\text{NDF}: 105.9/15$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.176+/-0.254 χ^2/NDF : 9.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.661+/-0.228 χ^2/NDF : 13.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

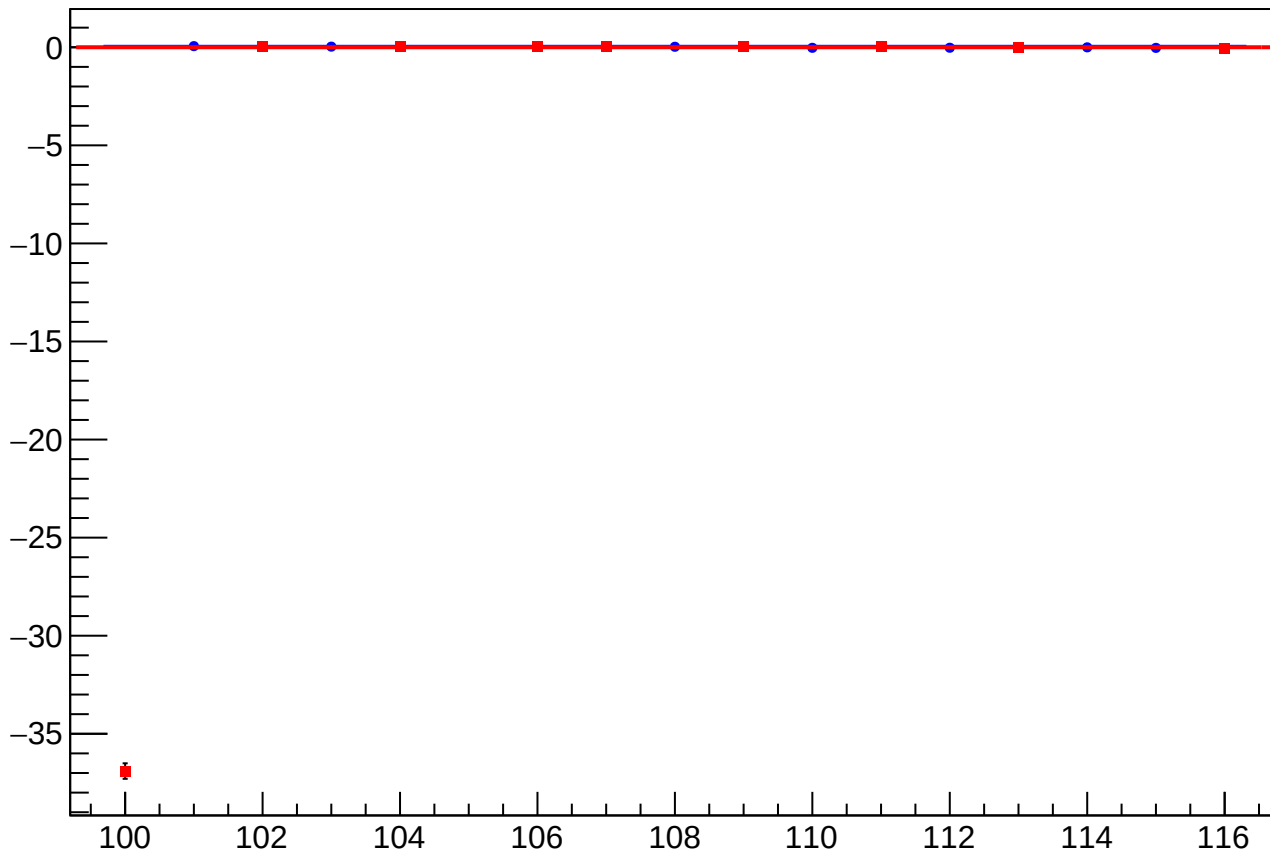
Right: 0.445+/-0.170 χ^2/NDF : 24.1/15

In: 0.176+/-0.254 χ^2/NDF : 9.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.445+/-0.170 χ^2/NDF : 24.1/15

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.024+/-0.011 χ^2/NDF : 6.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8744.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

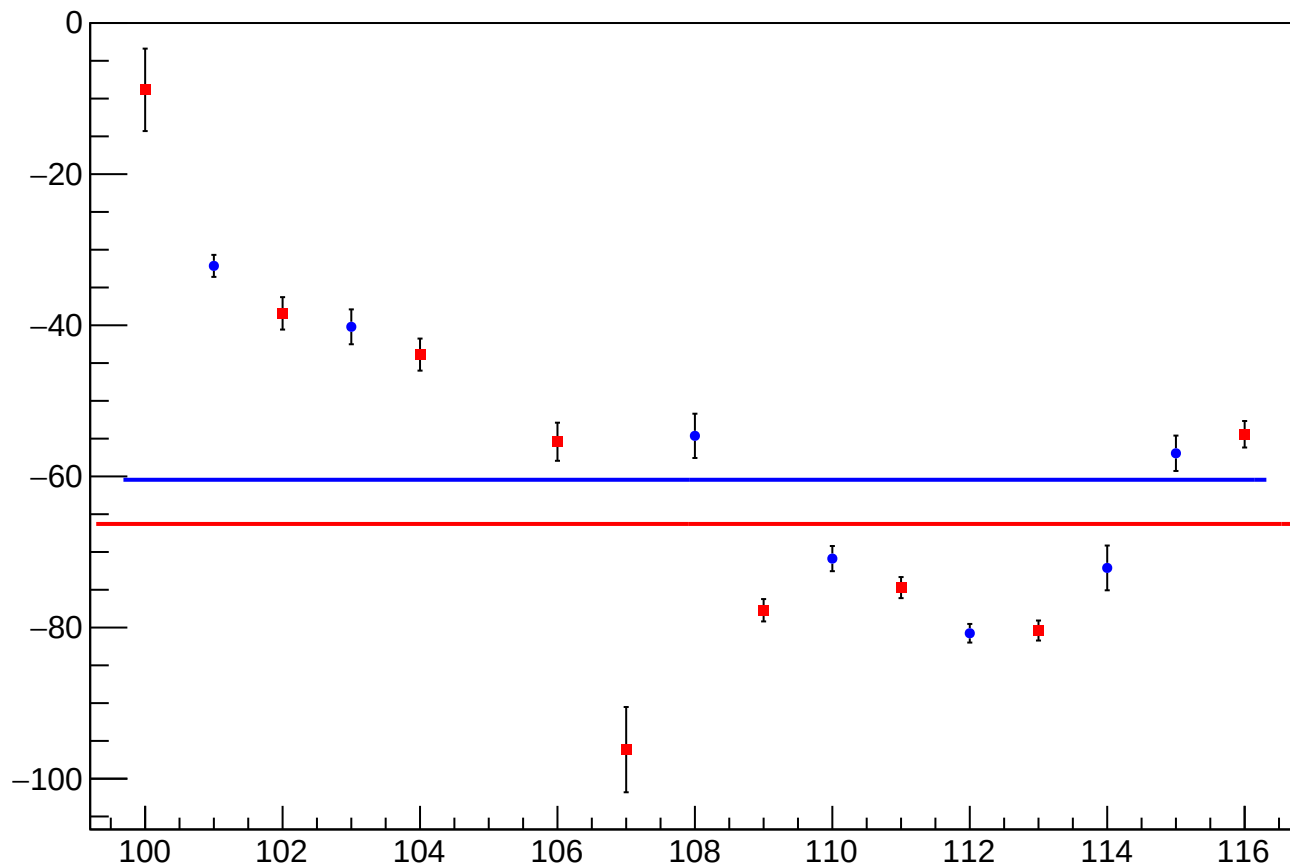
Right: 0.011+/-0.008 χ^2/NDF : 8752.8/15

In: 0.024+/-0.011 χ^2/NDF : 6.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.008 χ^2/NDF : 8752.8/15

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.444+/-0.692 χ^2/NDF : 787.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.289+/-0.629 χ^2/NDF : 693.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

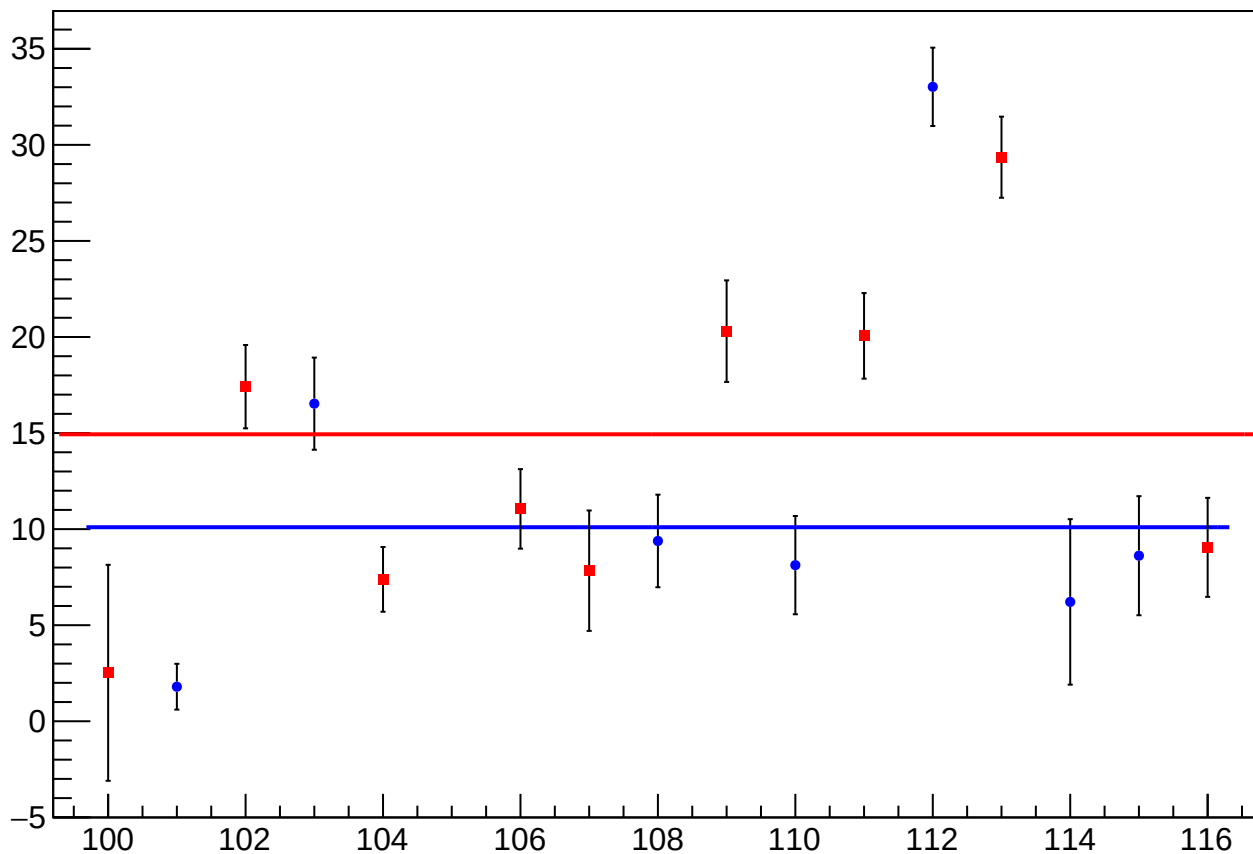
Right: -63.643+/-0.465 χ^2/NDF : 1519.4/15

In: -60.444+/-0.692 χ^2/NDF : 787.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.643+/-0.465 χ^2/NDF : 1519.4/15

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.099+/-0.790 χ^2/NDF : 183.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.935+/-0.778 χ^2/NDF : 96.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

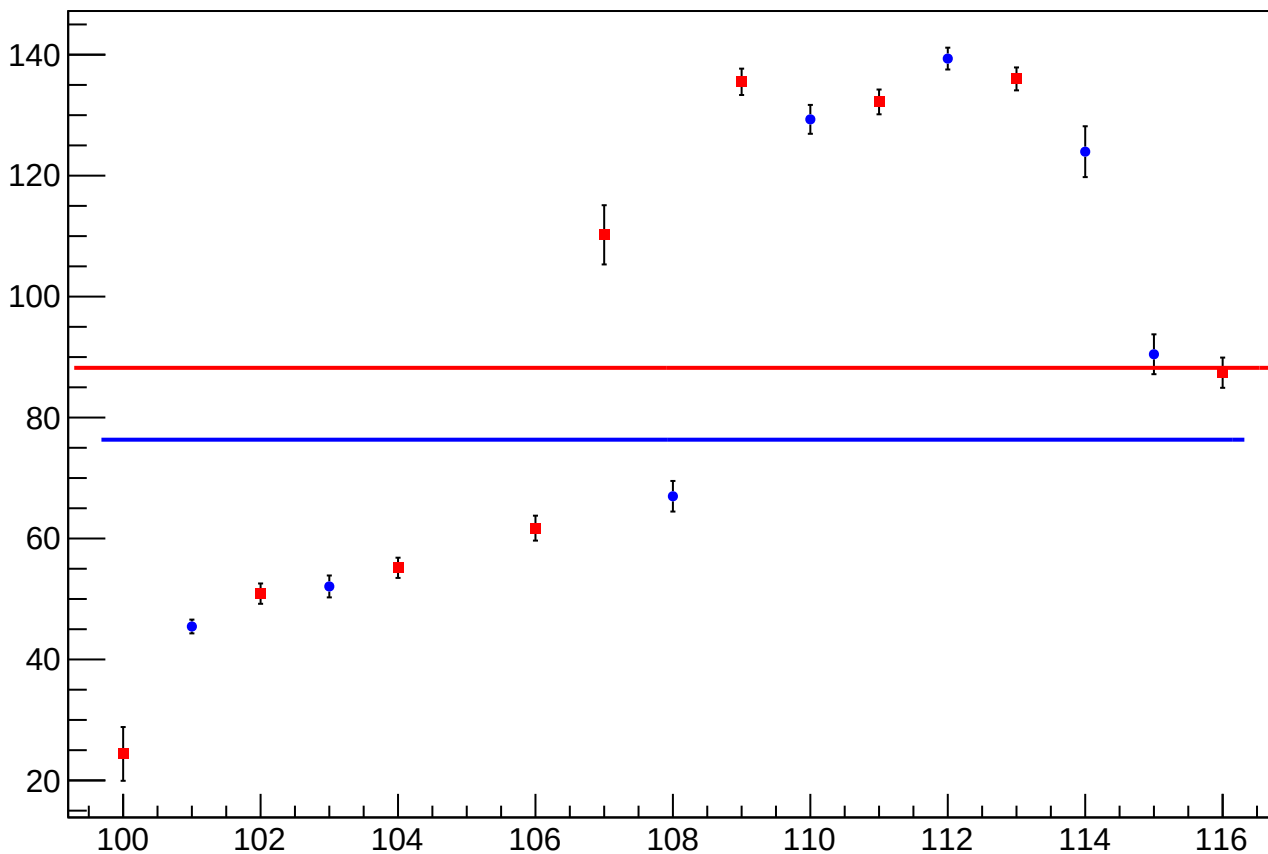
Right: 12.554+/-0.554 χ^2/NDF : 299.0/15

In: 10.099+/-0.790 χ^2/NDF : 183.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.554+/-0.554 χ^2/NDF : 299.0/15

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.339+/-0.733 χ^2/NDF : 2785.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.220+/-0.721 χ^2/NDF : 2842.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

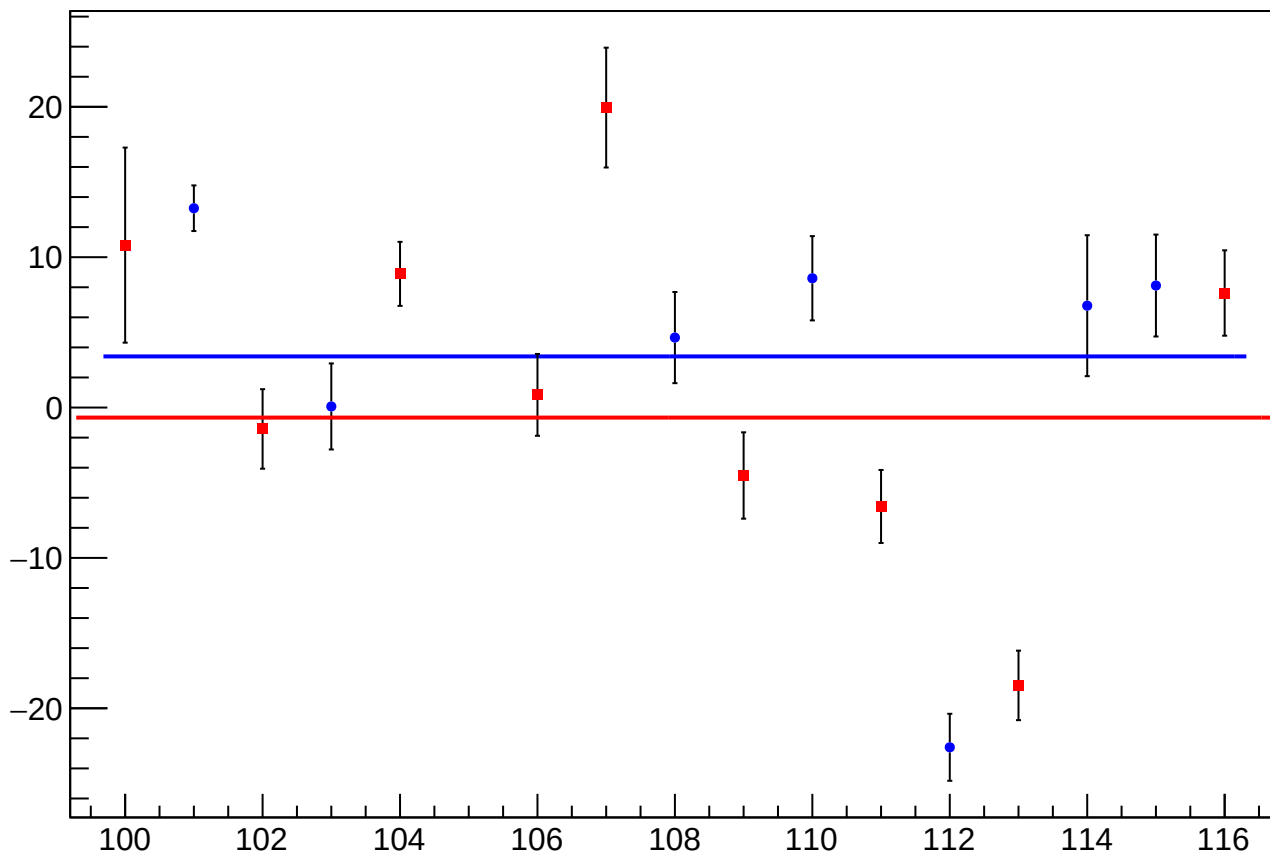
Right: 82.381+/-0.514 χ^2/NDF : 5761.9/15

In: 76.339+/-0.733 χ^2/NDF : 2785.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.381+/-0.514 χ^2/NDF : 5761.9/15

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.400+/-0.942 χ^2/NDF : 185.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.668+/-0.918 χ^2/NDF : 126.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

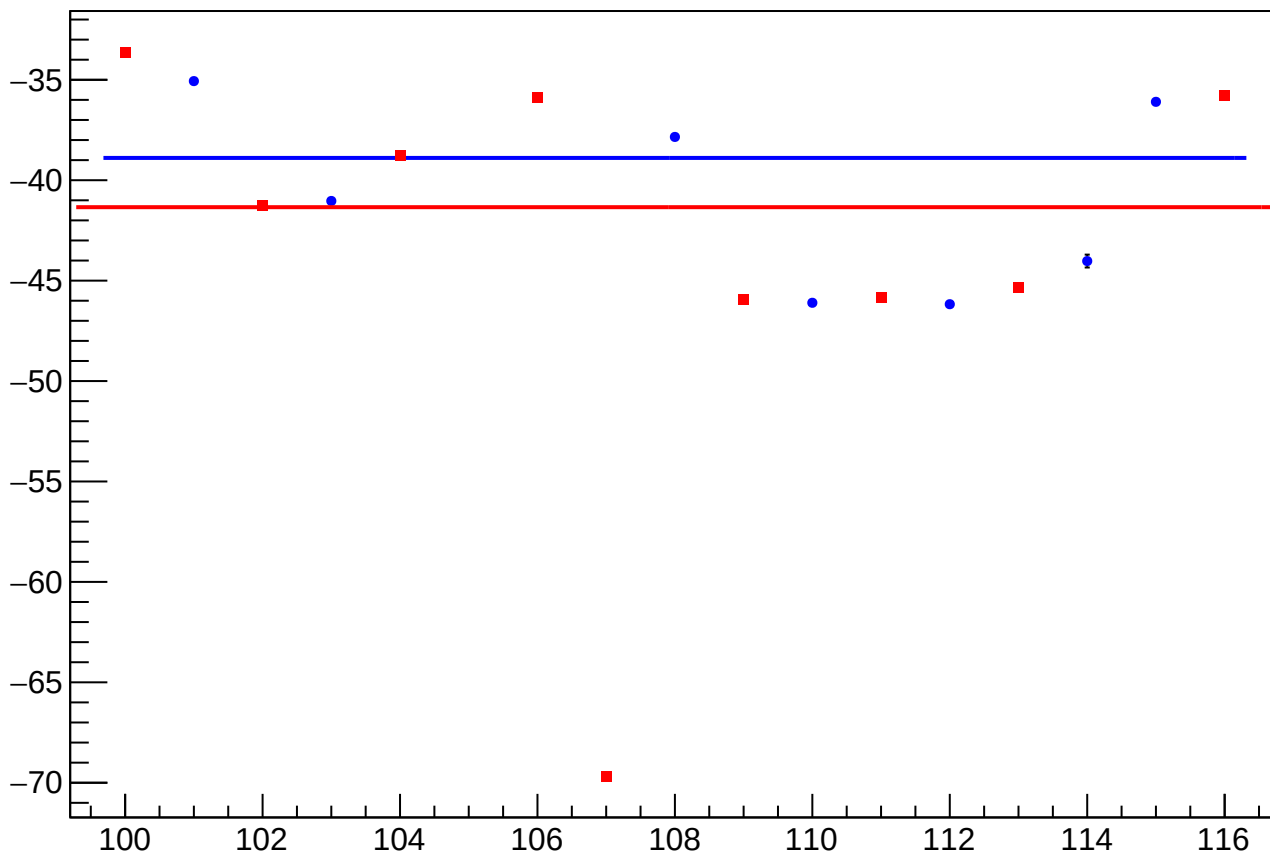
Right: 1.313+/-0.657 χ^2/NDF : 321.4/15

In: 3.400+/-0.942 χ^2/NDF : 185.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.313+/-0.657 χ^2/NDF : 321.4/15

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.890+/-0.041 χ^2/NDF : 8434.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.342+/-0.039 χ^2/NDF : 29002.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

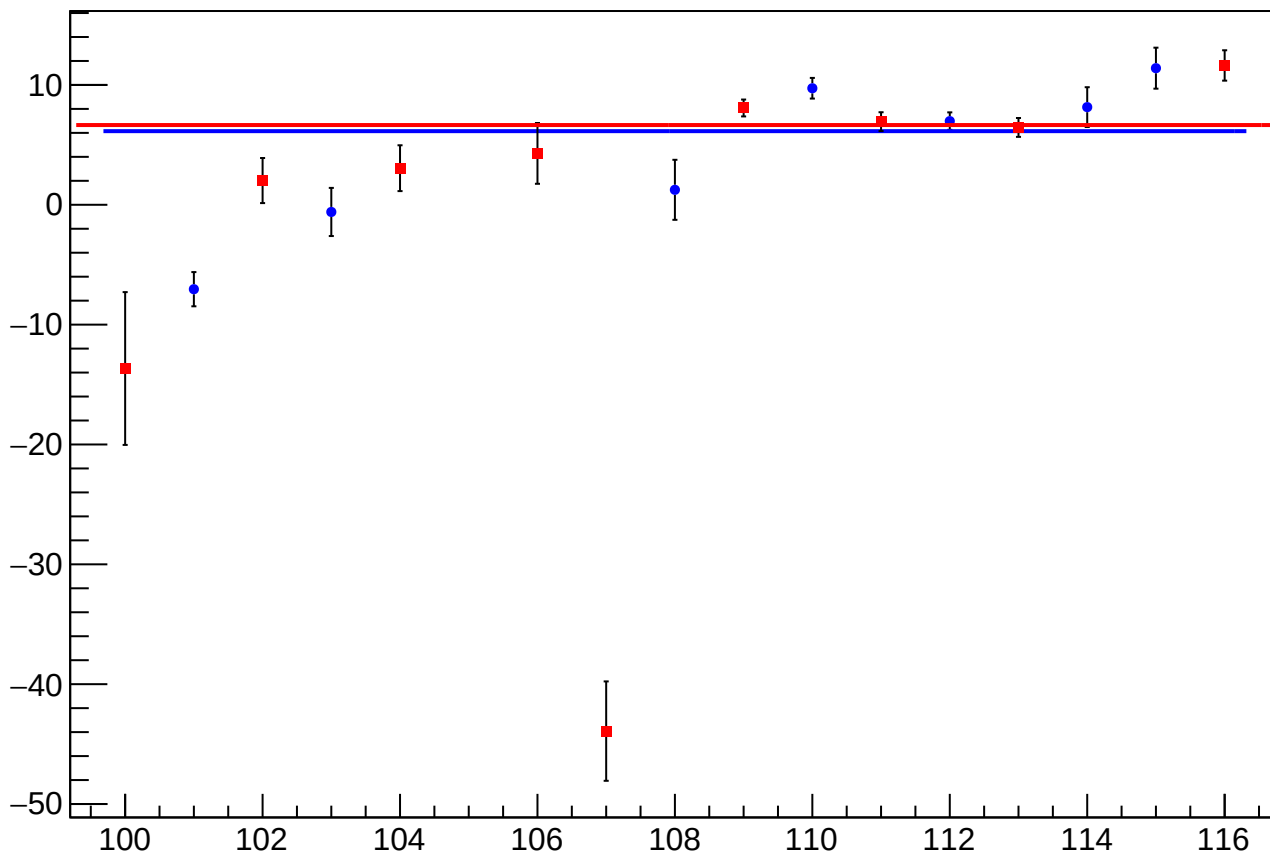
Right: -40.178+/-0.029 χ^2/NDF : 39283.8/15

In: -38.890+/-0.041 χ^2/NDF : 8434.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.178+/-0.029 χ^2/NDF : 39283.8/15

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.143+/-0.455 χ^2/NDF : 129.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.653+/-0.387 χ^2/NDF : 189.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

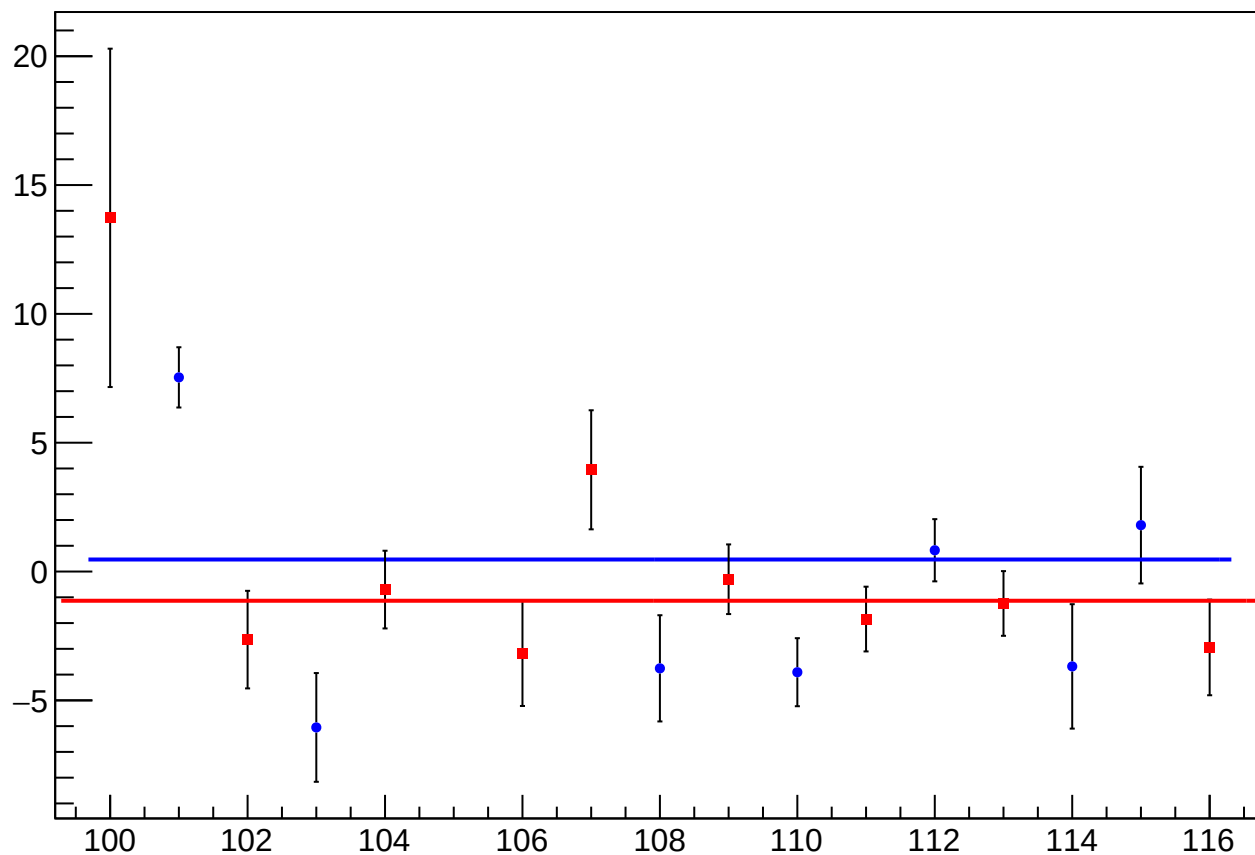
Right: 6.439+/-0.295 χ^2/NDF : 319.6/15

In: 6.143+/-0.455 χ^2/NDF : 129.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.439+/-0.295 χ^2/NDF : 319.6/15

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.467 $\pm$ 0.596 χ^2 /NDF: 64.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.134 $\pm$ 0.553 χ^2 /NDF: 13.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

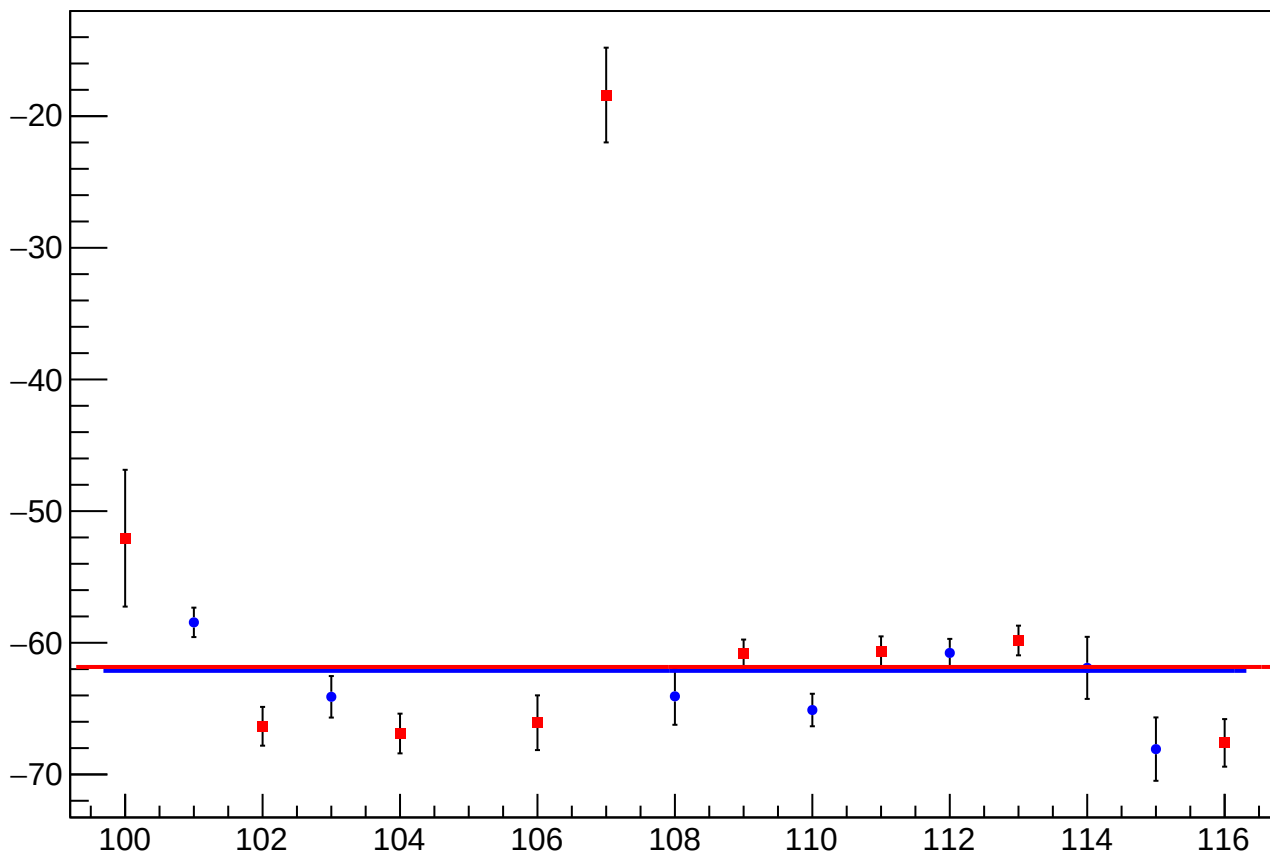
Right: -0.393 $\pm$ 0.405 χ^2 /NDF: 81.8/15

In: 0.467 $\pm$ 0.596 χ^2 /NDF:64.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.393 $\pm$ 0.405 χ^2 /NDF: 81.8/15

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.132 $\pm$ 0.550 χ^2 /NDF: 26.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -61.837 $\pm$ 0.503 χ^2 /NDF: 189.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

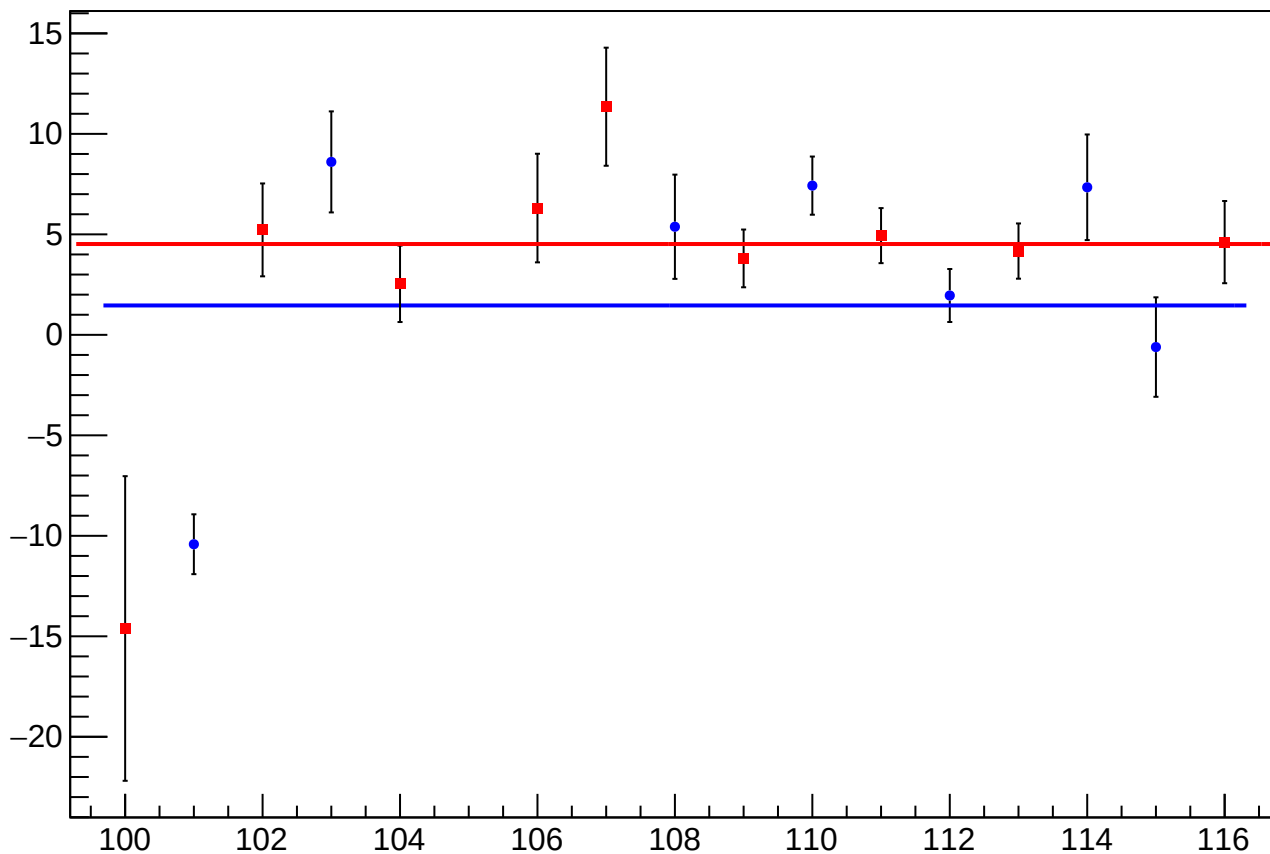
Right: -61.971 $\pm$ 0.371 χ^2 /NDF: 216.2/15

In: -62.132 $\pm$ 0.550 χ^2 /NDF: 26.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.971 $\pm$ 0.371 χ^2 /NDF: 216.2/15

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.462+/-0.687 χ^2/NDF : 96.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.519+/-0.630 χ^2/NDF : 13.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

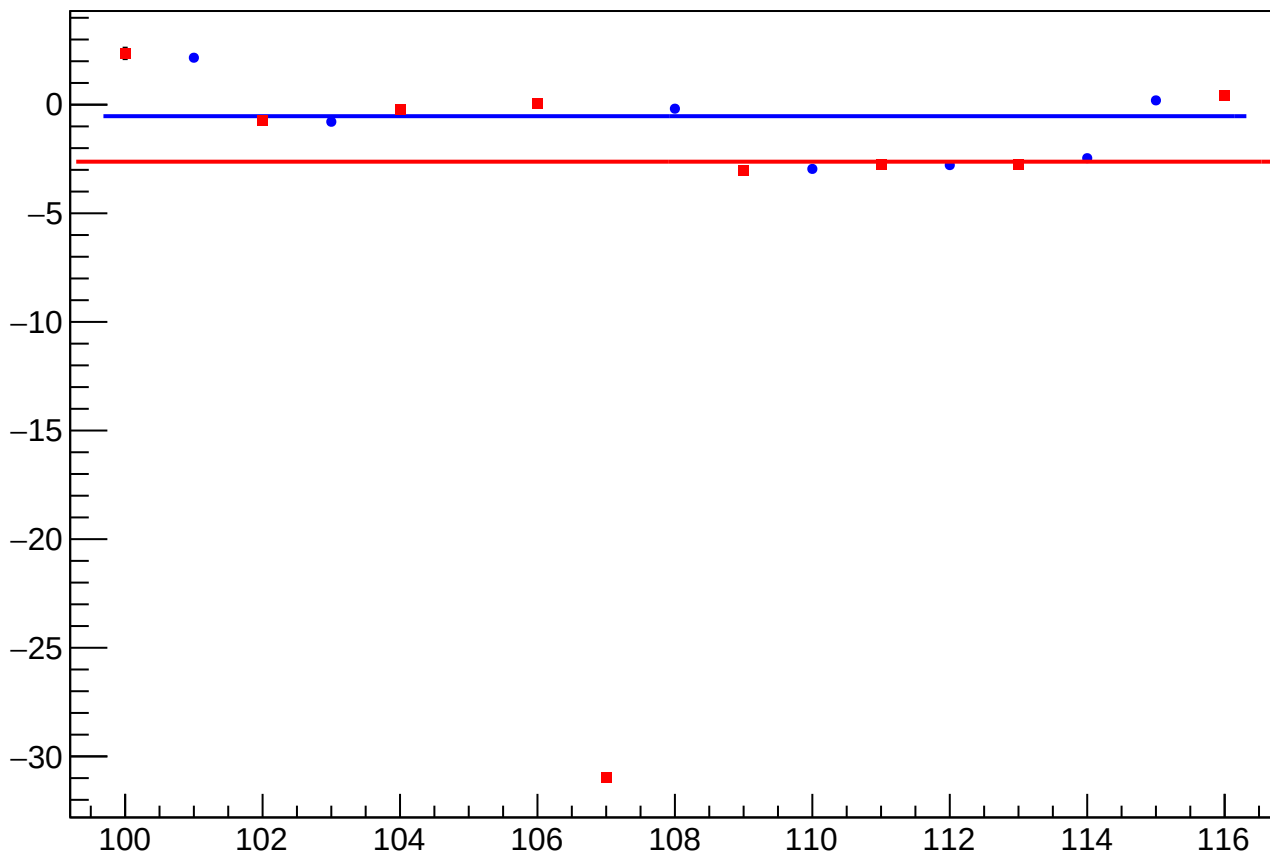
Right: 3.123+/-0.464 χ^2/NDF : 121.4/15

In: 1.462+/-0.687 χ^2/NDF : 96.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.123+/-0.464 χ^2/NDF : 121.4/15

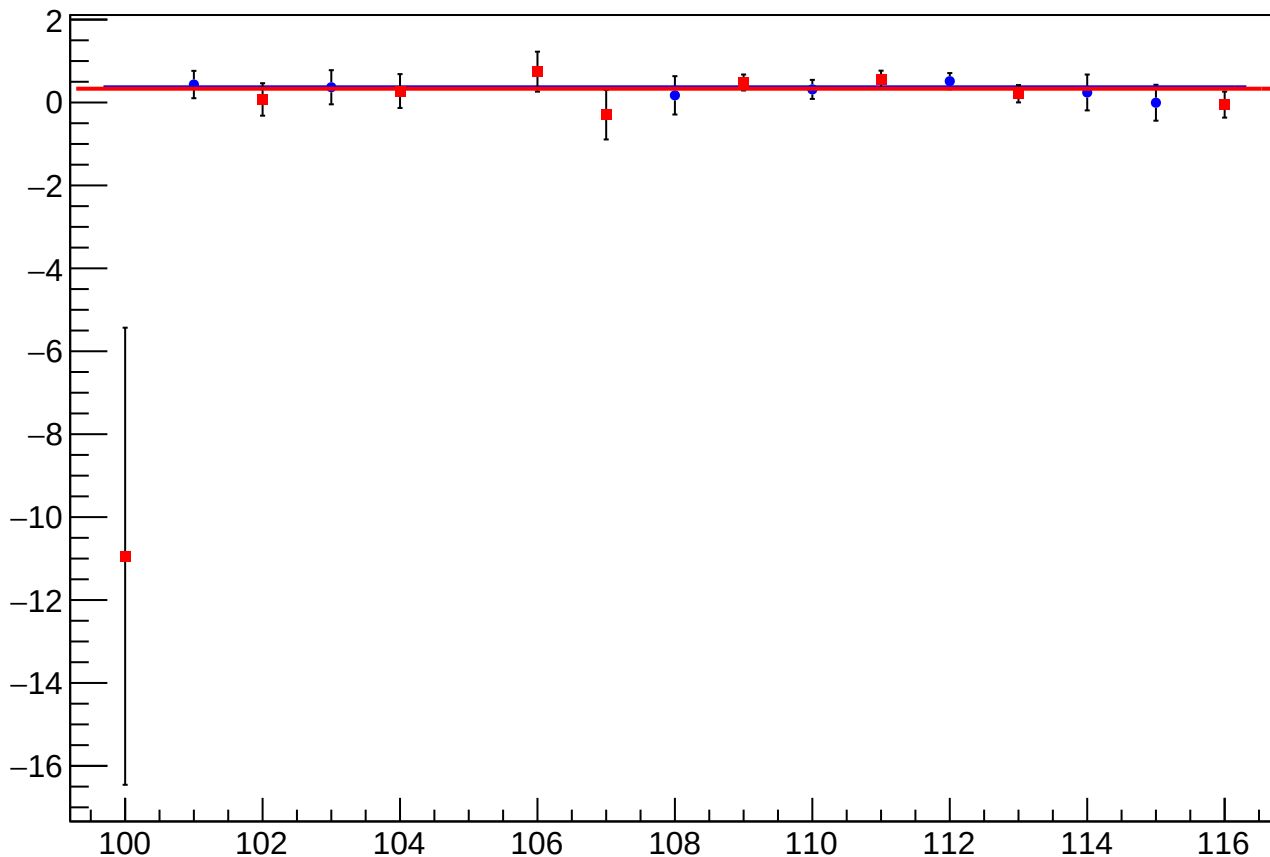
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.529 ± 0.034 $\chi^2/\text{NDF}: 3077.0/6$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -2.624 ± 0.031 $\chi^2/\text{NDF}: 41200.0/8$
 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: -1.669 ± 0.023 $\chi^2/\text{NDF}: 46384.5/15$
 In: -0.529 ± 0.034 $\chi^2/\text{NDF}: 3077.0/6$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -1.669 ± 0.023 $\chi^2/\text{NDF}: 46384.5/15$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.366+/-0.115 χ^2/NDF : 1.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.333+/-0.099 χ^2/NDF : 10.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

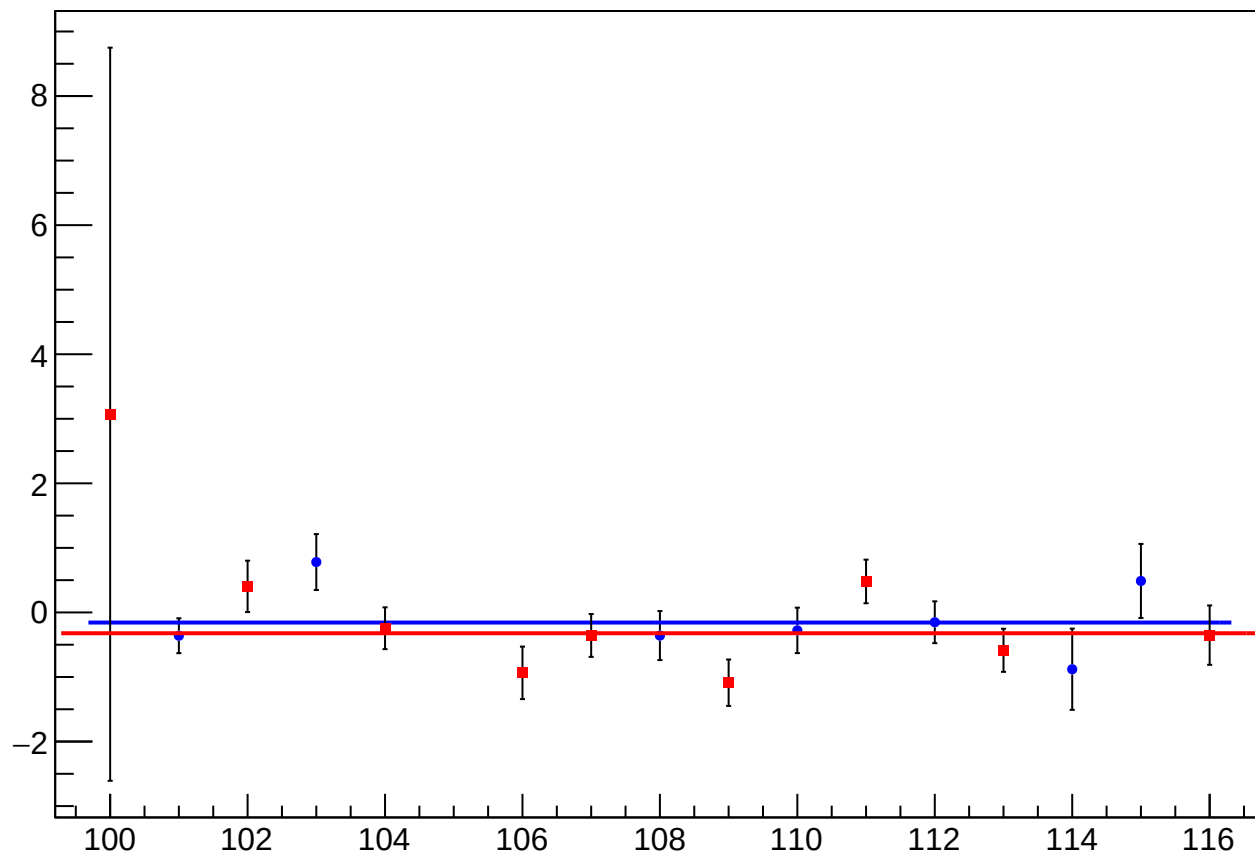
Right: 0.347+/-0.075 χ^2/NDF : 11.7/15

In: 0.366+/-0.115 χ^2/NDF : 1.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.347+/-0.075 χ^2/NDF : 11.7/15

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.157 $\pm$ 0.143 χ^2/NDF : 8.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.322 $\pm$ 0.128 χ^2/NDF : 16.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

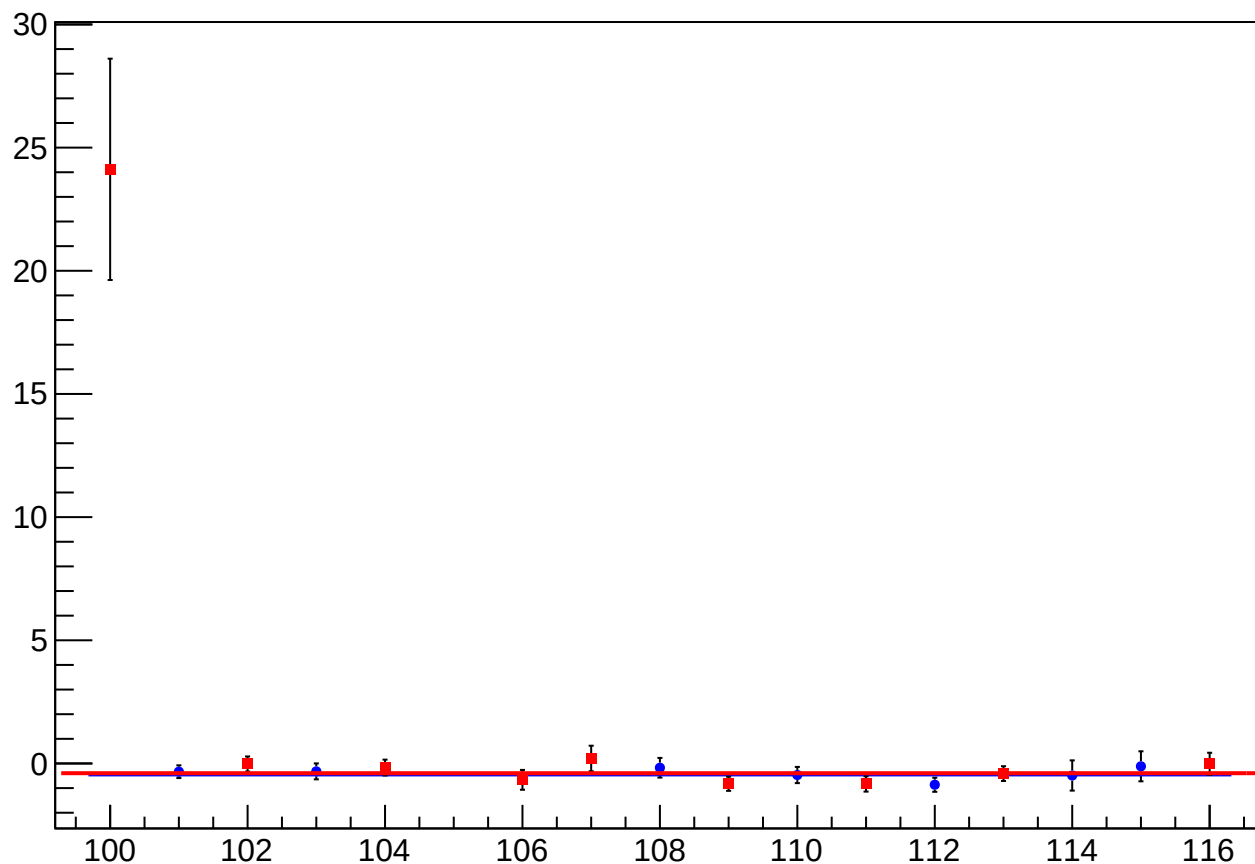
Right: -0.249 $\pm$ 0.095 χ^2/NDF : 25.8/15

In: -0.157 $\pm$ 0.143 χ^2/NDF : 8.2/6

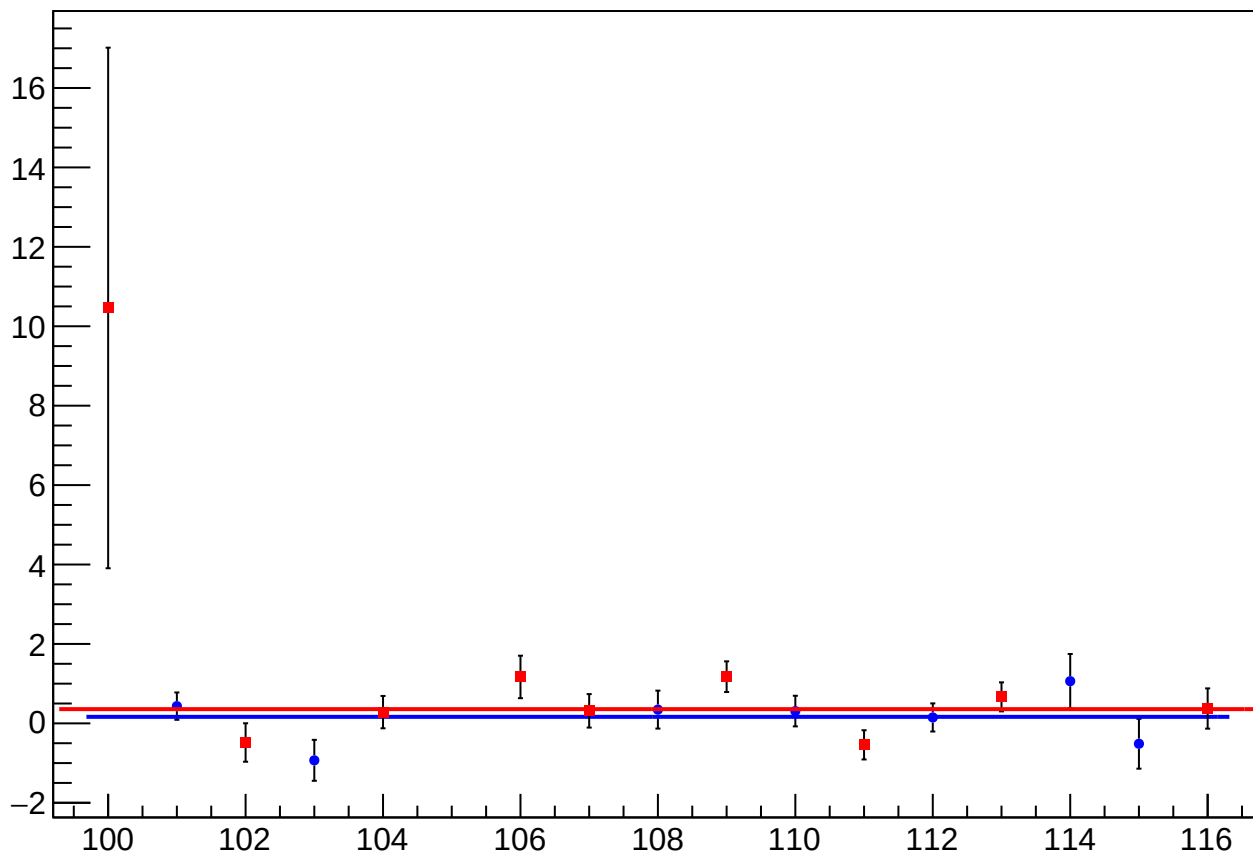
Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.249 $\pm$ 0.095 χ^2/NDF : 25.8/15

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.164+/-0.167 χ^2/NDF : 8.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.358+/-0.149 χ^2/NDF : 18.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

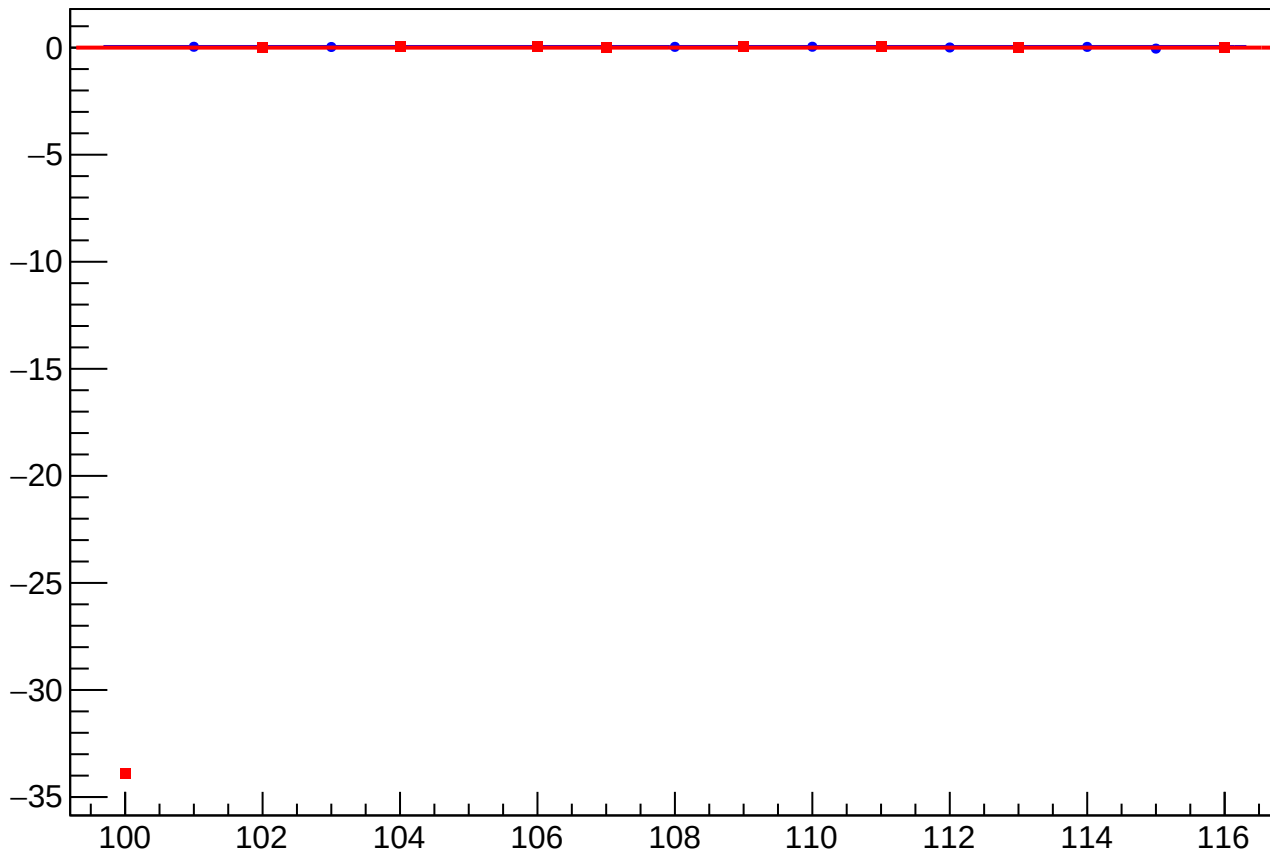
Right: 0.272+/-0.111 χ^2/NDF : 27.9/15

In: 0.164+/-0.167 χ^2/NDF : 8.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.272+/-0.111 χ^2/NDF : 27.9/15

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.031+/-0.007 χ^2/NDF : 4.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.007 χ^2/NDF : 22251.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

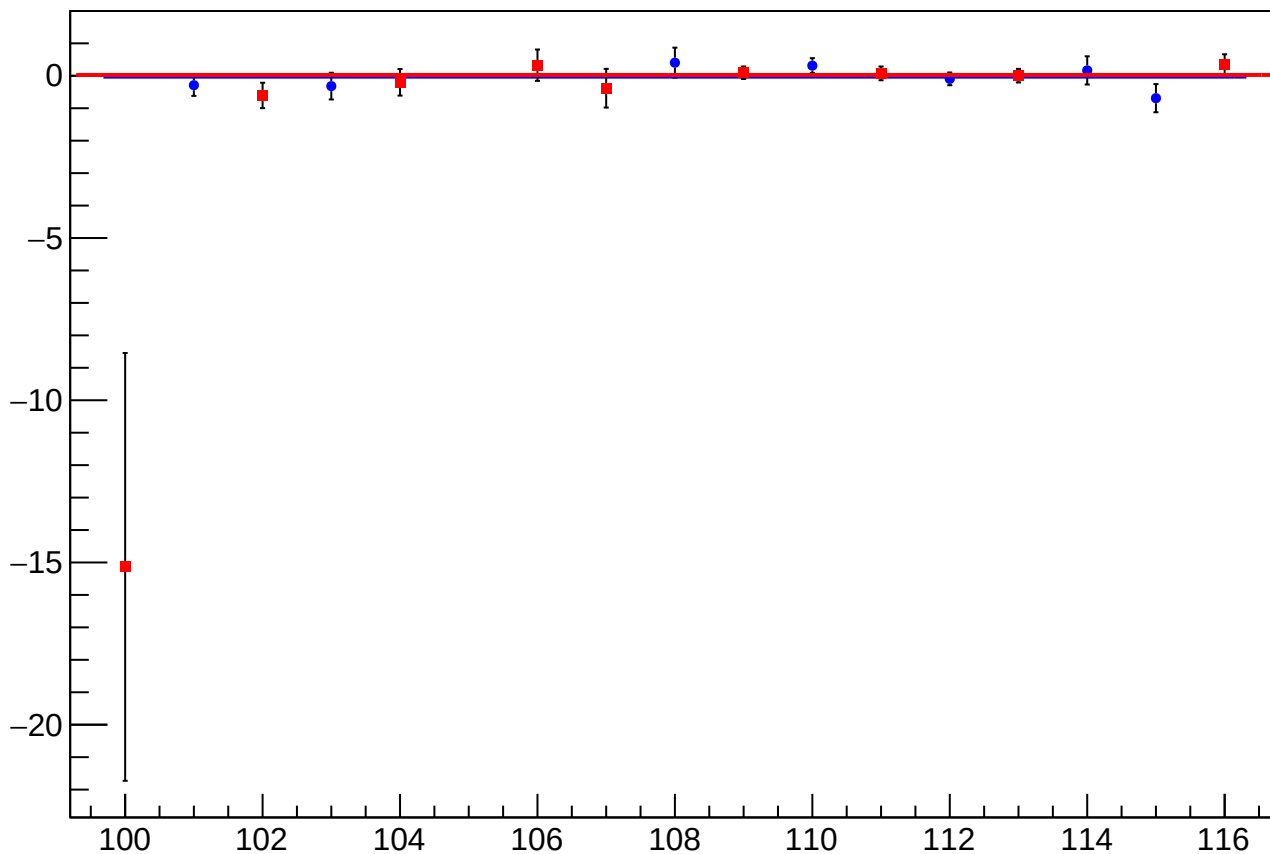
Right: 0.015+/-0.005 χ^2/NDF : 22264.6/15

In: 0.031+/-0.007 χ^2/NDF : 4.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.005 χ^2/NDF : 22264.6/15

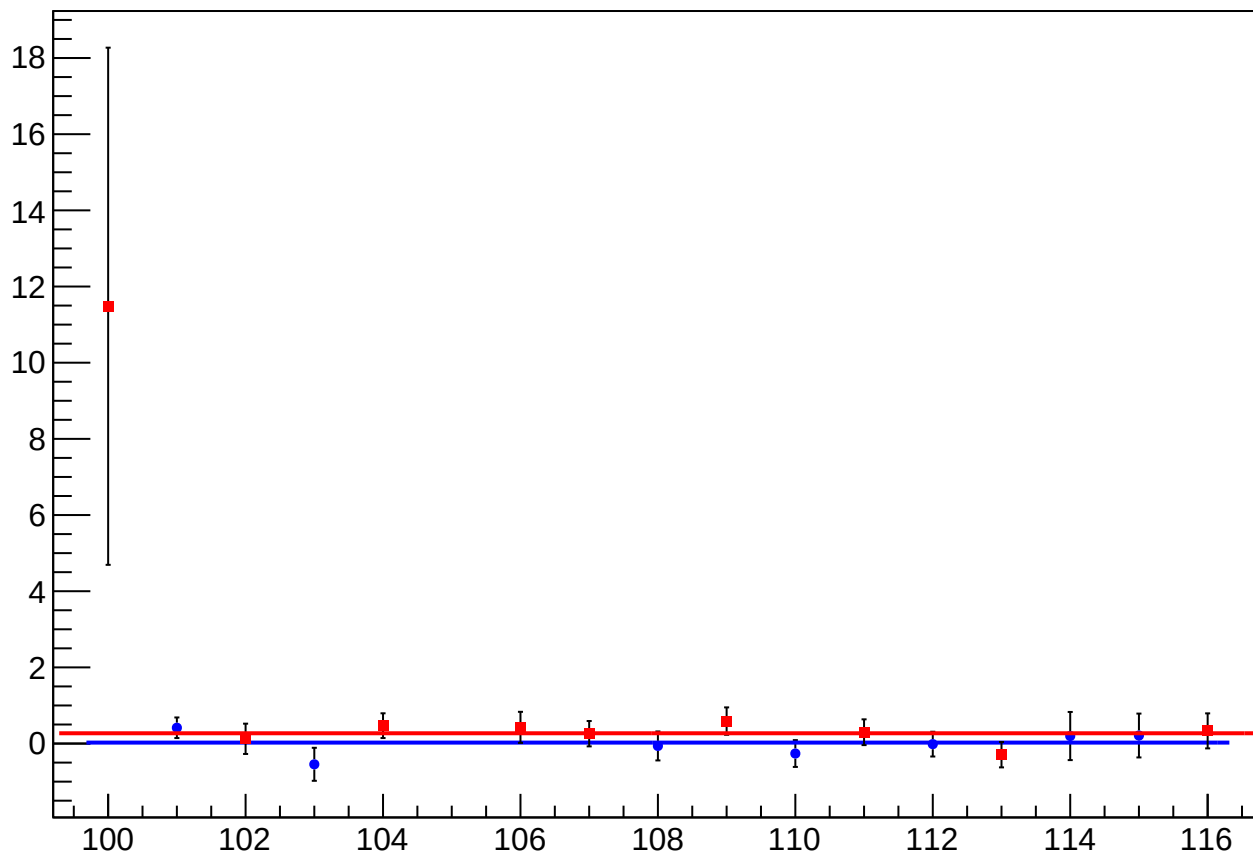
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.026+/-0.115 χ^2/NDF : 6.8/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.026+/-0.099 χ^2/NDF : 10.3/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.004+/-0.075 χ^2/NDF : 17.3/15
 In: -0.026+/-0.115 χ^2/NDF : 6.8/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.004+/-0.075 χ^2/NDF : 17.3/15

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.025+/-0.143 χ^2/NDF : 4.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.270+/-0.128 χ^2/NDF : 7.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

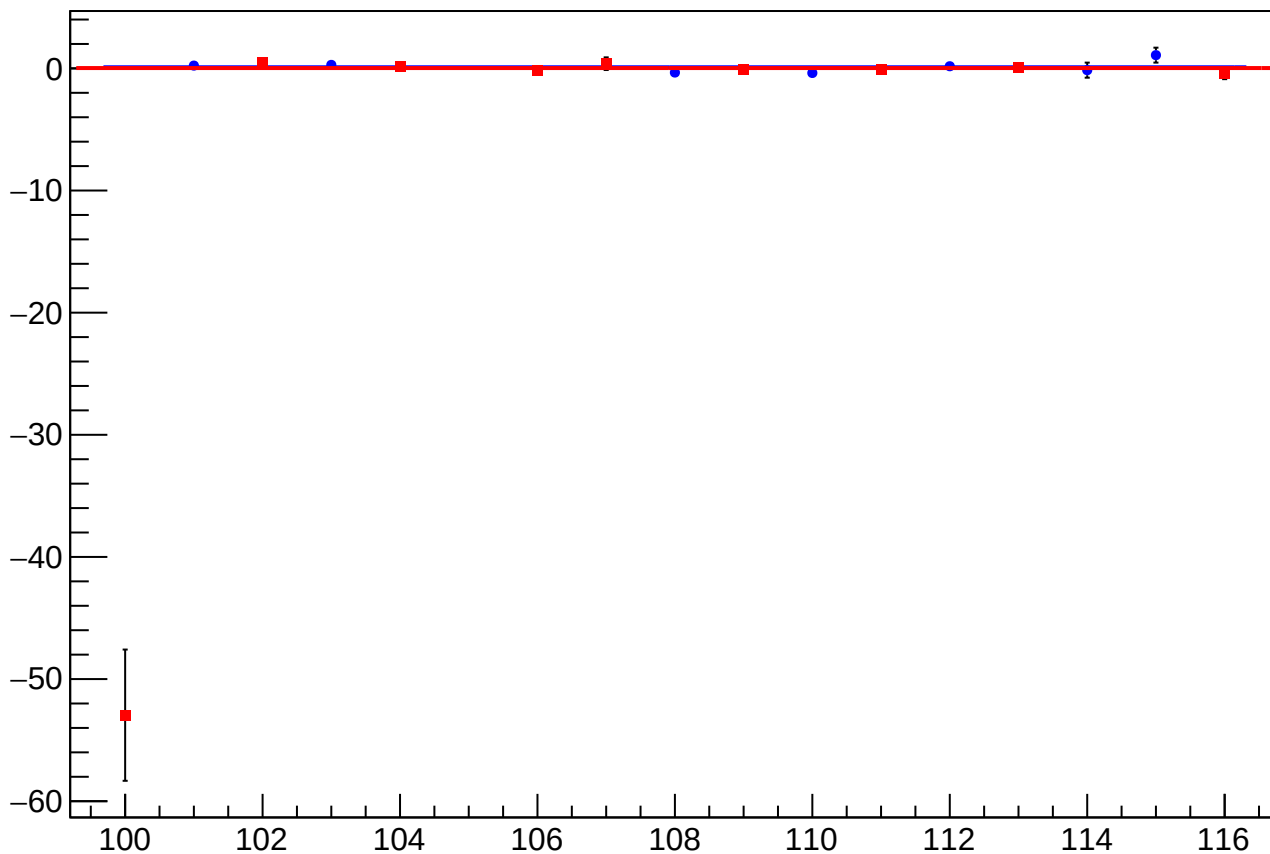
Right: 0.161+/-0.095 χ^2/NDF : 13.4/15

In: 0.025+/-0.143 χ^2/NDF : 4.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.161+/-0.095 χ^2/NDF : 13.4/15

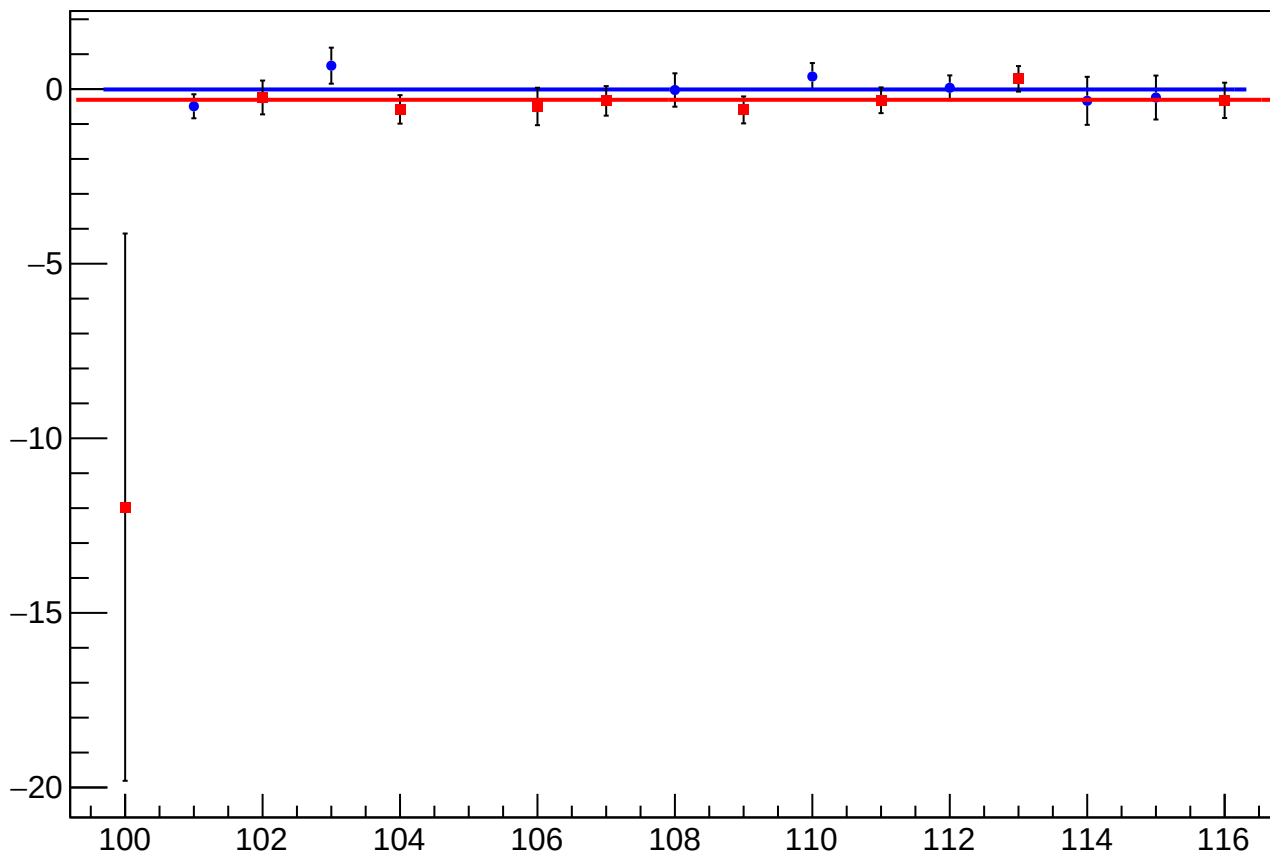
reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.091+/-0.132 χ^2/NDF : 6.7/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.028+/-0.121 χ^2/NDF : 101.9/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.057+/-0.089 χ^2/NDF : 108.8/15
 In: 0.091+/-0.132 χ^2/NDF : 6.7/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.057+/-0.089 χ^2/NDF : 108.8/15

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.167 χ^2 /NDF: 5.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.306 $\pm$ 0.149 χ^2 /NDF: 6.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

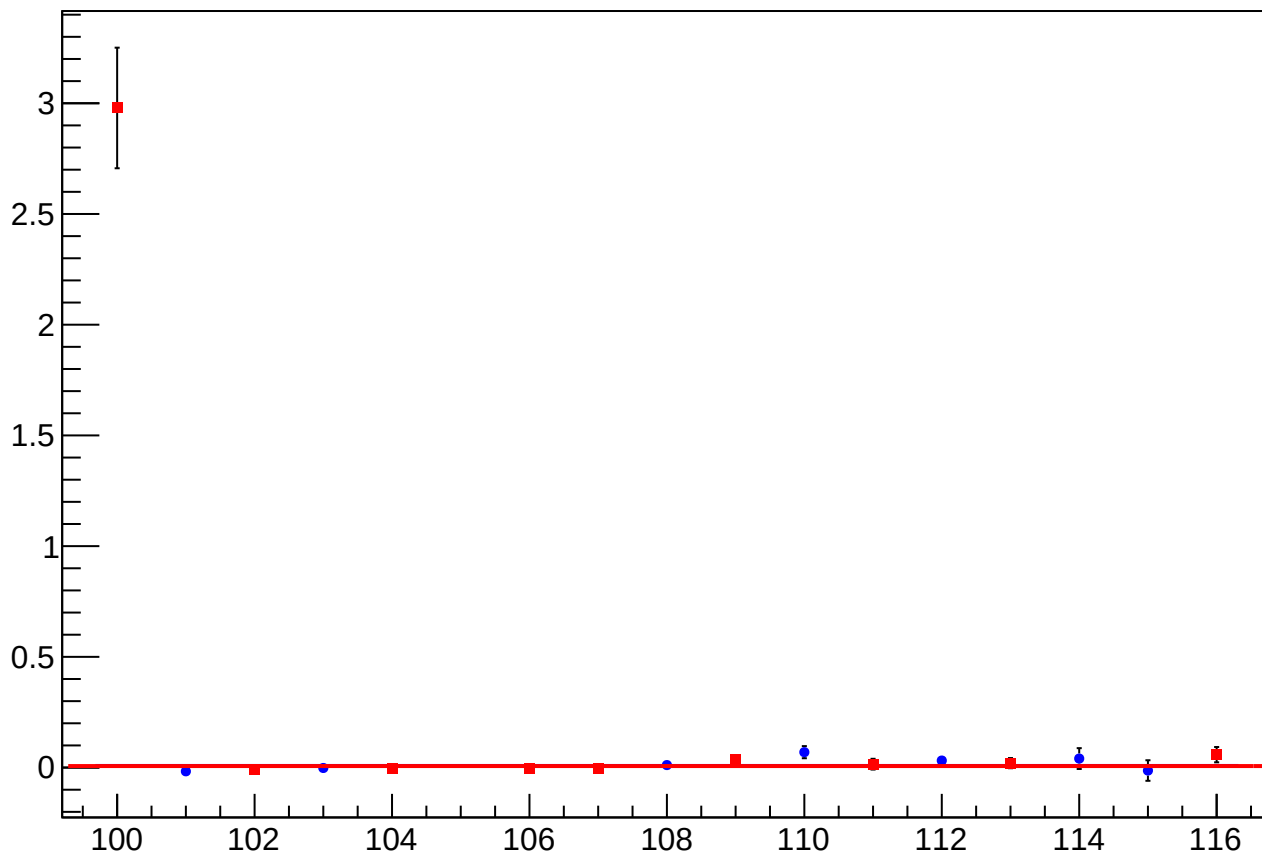
Right: -0.174 $\pm$ 0.111 χ^2 /NDF: 12.8/15

In: -0.010 $\pm$ 0.167 χ^2 /NDF:5.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.174 $\pm$ 0.111 χ^2 /NDF: 12.8/15

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.008 χ^2 /NDF: 10.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.007 χ^2 /NDF: 126.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

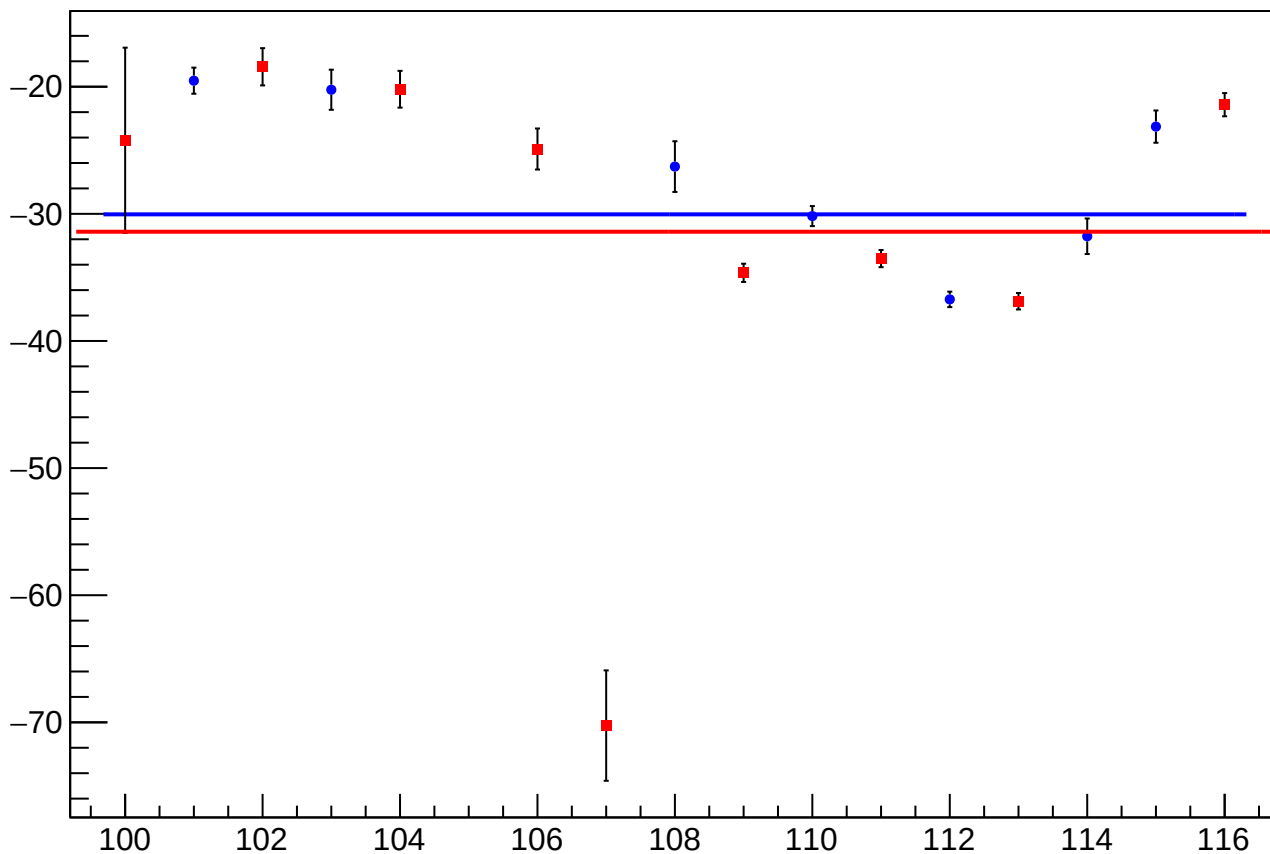
Right: 0.007 $\pm$ 0.005 χ^2 /NDF: 136.2/15

In: 0.007 $\pm$ 0.008 χ^2 /NDF:10.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.005 χ^2 /NDF: 136.2/15

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.040 $\pm$ 0.377 χ^2 /NDF: 298.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.406 $\pm$ 0.331 χ^2 /NDF: 457.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

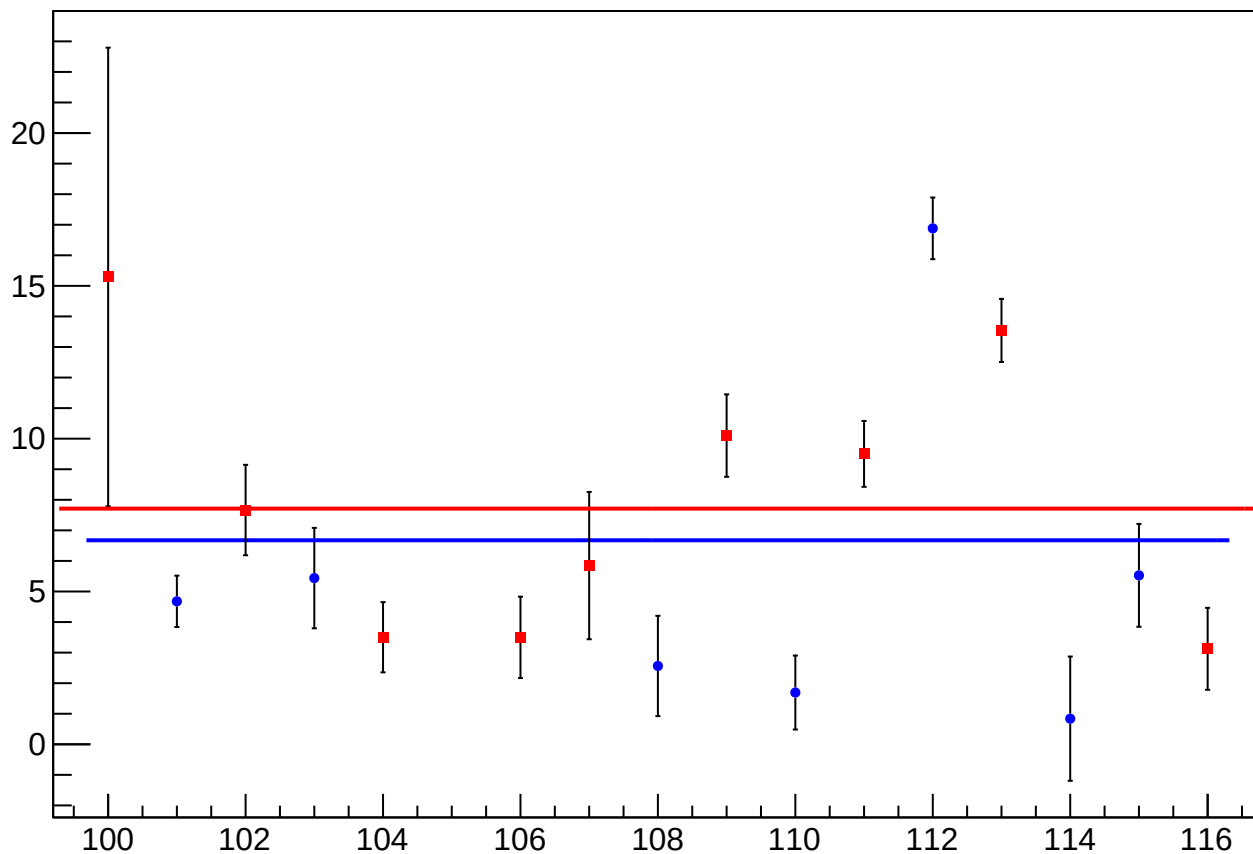
Right: -30.811 $\pm$ 0.249 χ^2 /NDF: 763.2/15

In: -30.040 $\pm$ 0.377 χ^2 /NDF:298.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.811 $\pm$ 0.249 χ^2 /NDF: 763.2/15

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.676+/-0.476 χ^2/NDF : 140.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.712+/-0.453 χ^2/NDF : 74.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

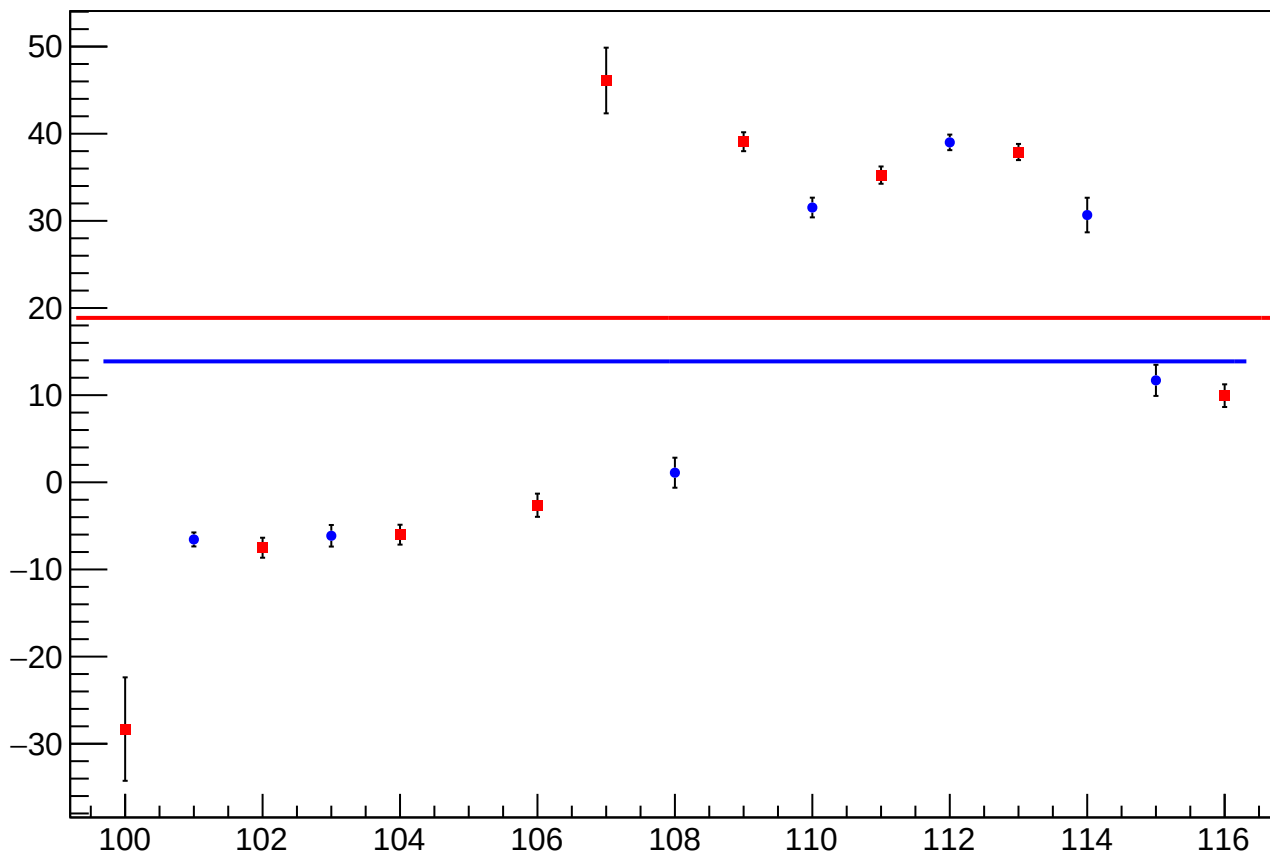
Right: 7.219+/-0.328 χ^2/NDF : 217.5/15

In: 6.676+/-0.476 χ^2/NDF : 140.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.219+/-0.328 χ^2/NDF : 217.5/15

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.876+/-0.441 χ^2/NDF : 2074.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.867+/-0.415 χ^2/NDF : 2468.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

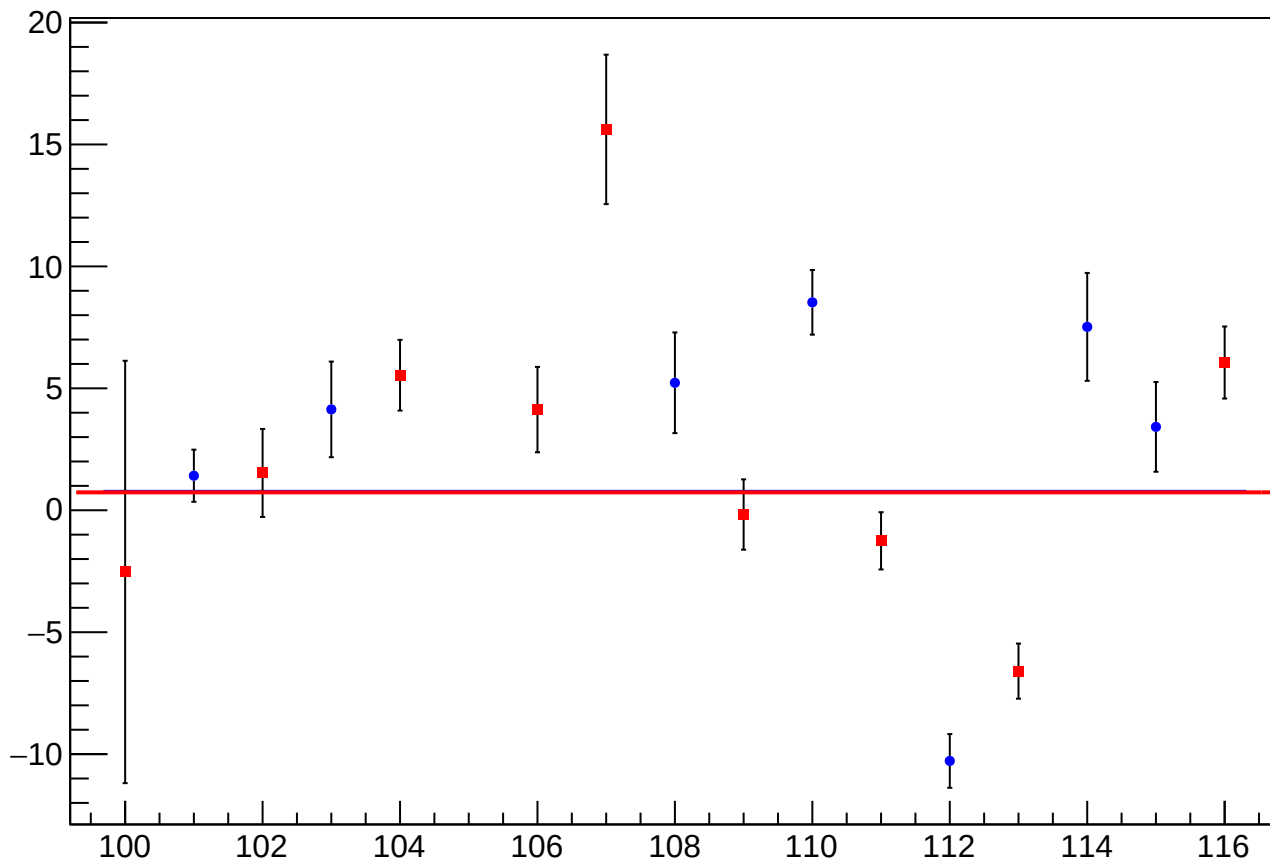
Right: 16.523+/-0.302 χ^2/NDF : 4610.6/15

In: 13.876+/-0.441 χ^2/NDF : 2074.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.523+/-0.302 χ^2/NDF : 4610.6/15

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.755+/-0.554 χ^2/NDF : 154.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.735+/-0.522 χ^2/NDF : 97.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

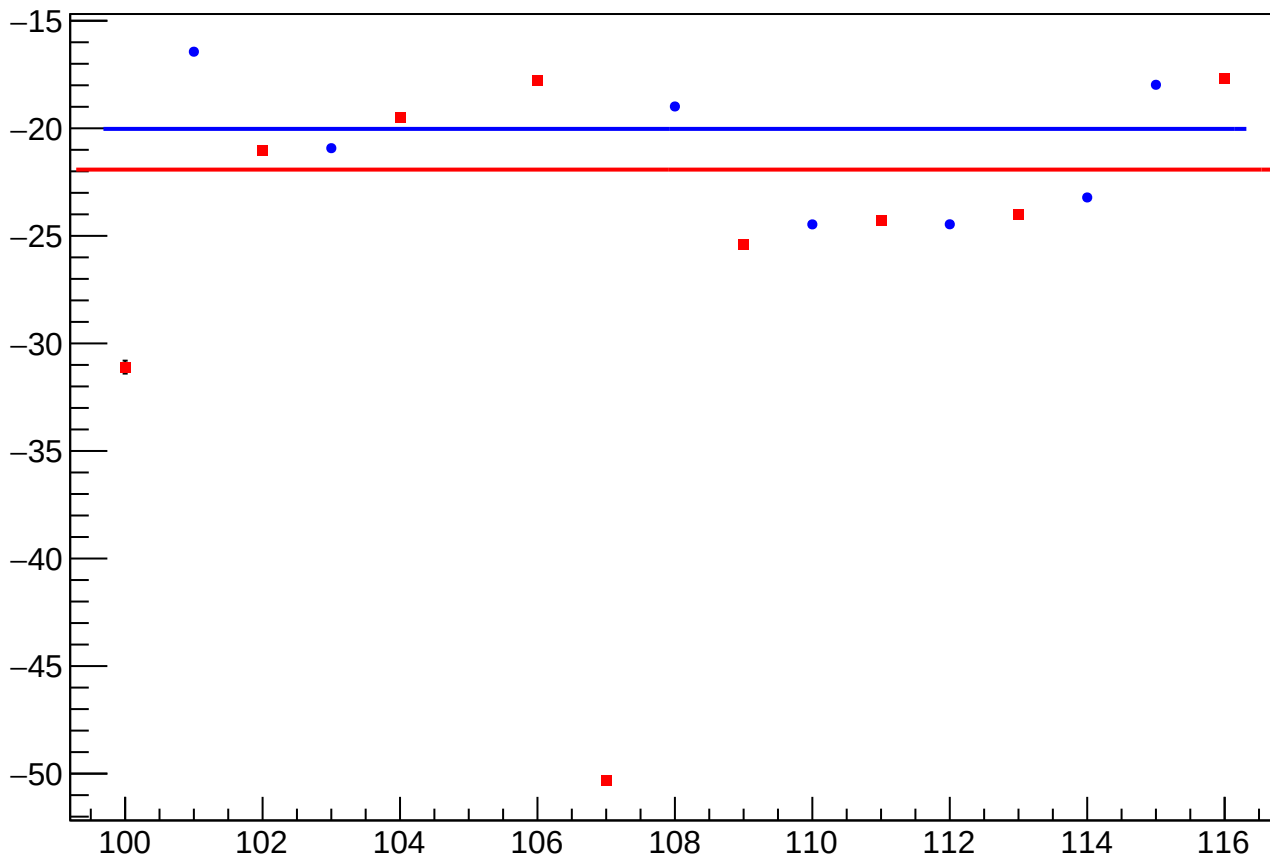
Right: 0.744+/-0.380 χ^2/NDF : 251.2/15

In: 0.755+/-0.554 χ^2/NDF : 154.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.744+/-0.380 χ^2/NDF : 251.2/15

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.027+/-0.026 χ^2/NDF : 13088.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.920+/-0.025 χ^2/NDF : 47635.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

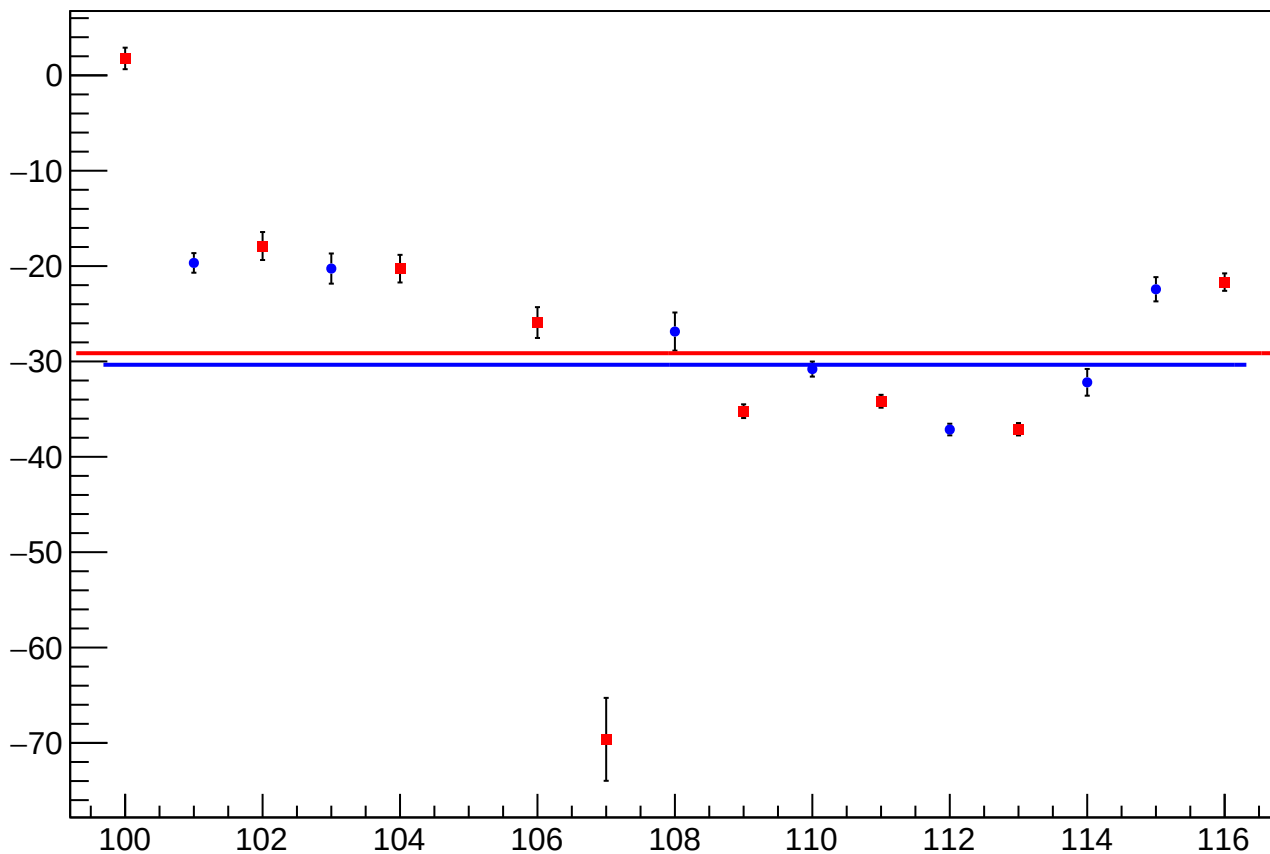
Right: -21.046+/-0.018 χ^2/NDF : 63472.9/15

In: -20.027+/-0.026 χ^2/NDF : 13088.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.046+/-0.018 χ^2/NDF : 63472.9/15

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.348 ± 0.378 χ^2/NDF : 316.4/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.135 ± 0.319 χ^2/NDF : 1281.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

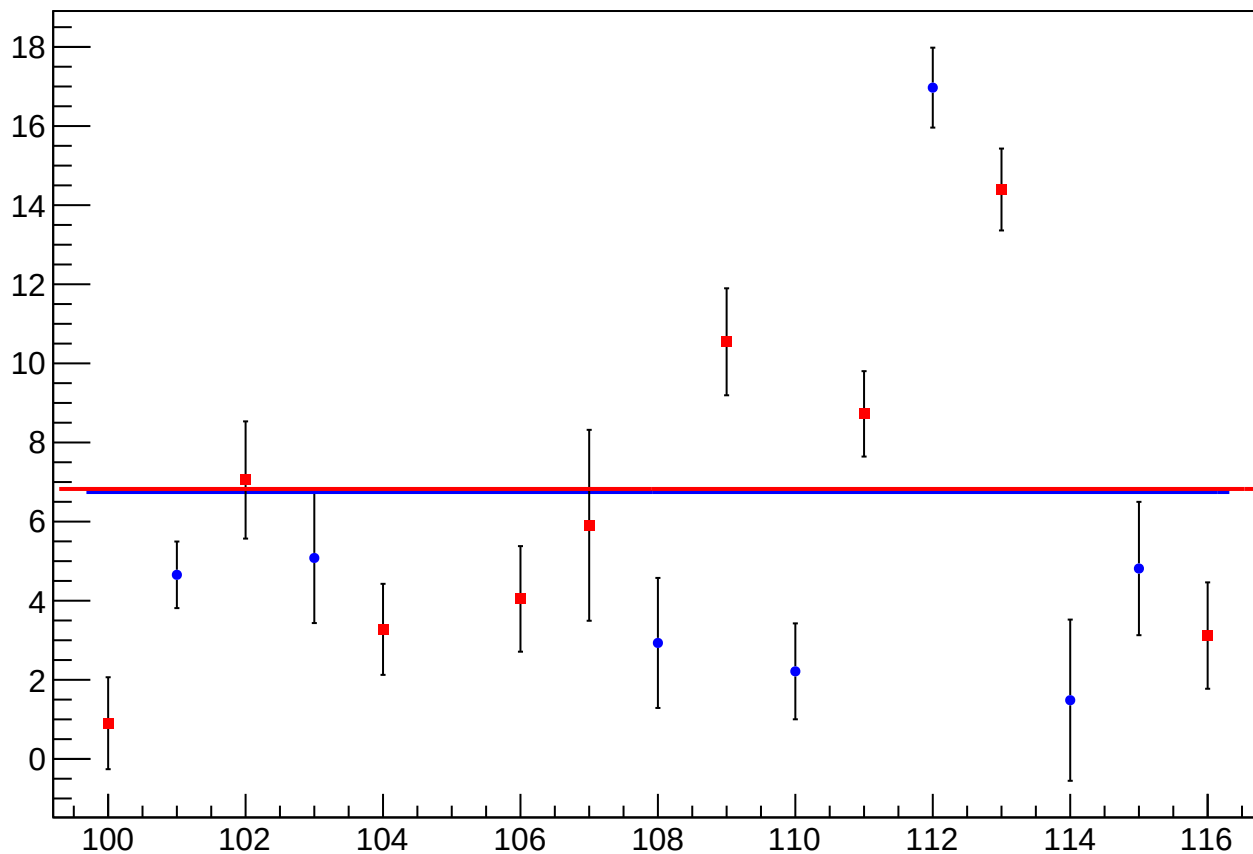
Right: -29.640 ± 0.243 χ^2/NDF : 1604.1/15

In: -30.348 ± 0.378 χ^2/NDF : 316.4/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.640 ± 0.243 χ^2/NDF : 1604.1/15

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.748+/-0.477 χ^2/NDF : 136.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.825+/-0.424 χ^2/NDF : 111.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

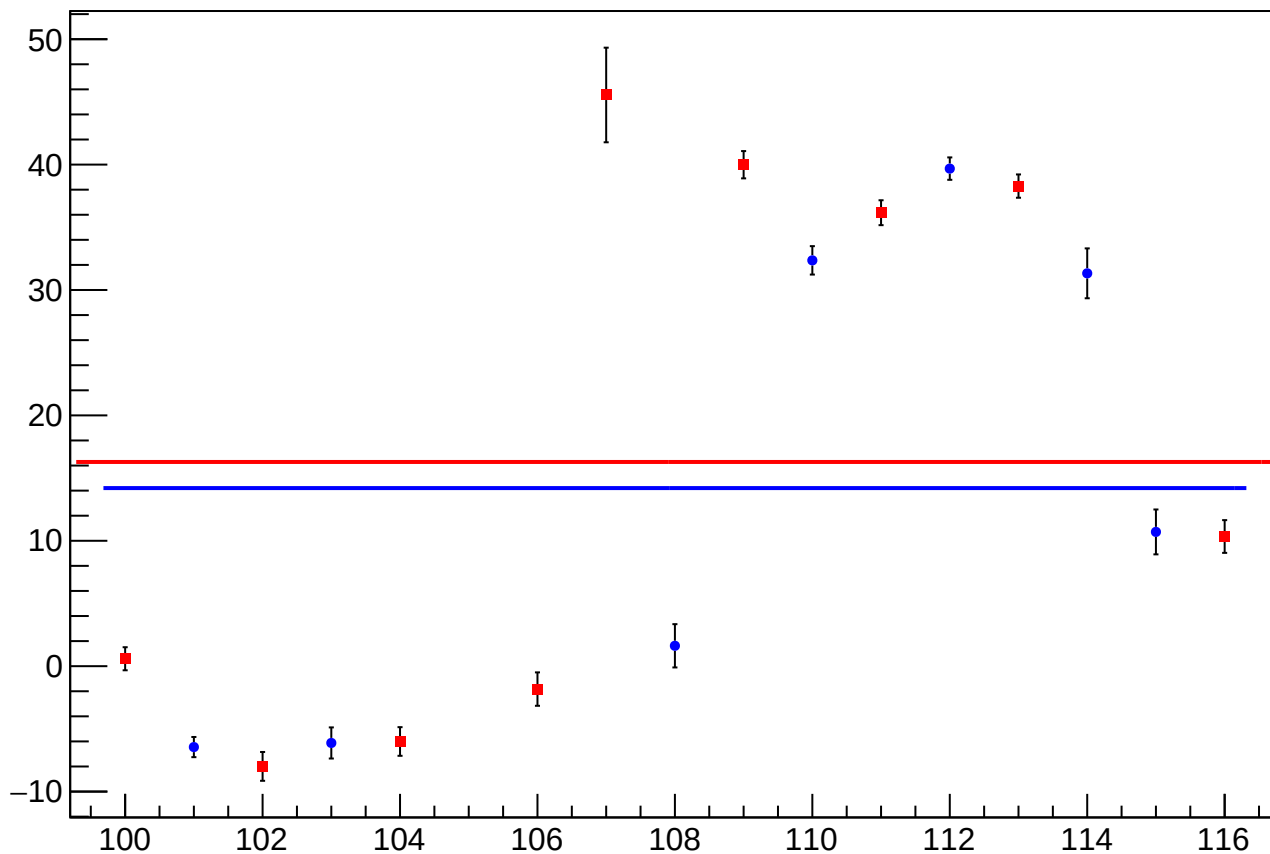
Right: 6.791+/-0.317 χ^2/NDF : 248.7/15

In: 6.748+/-0.477 χ^2/NDF : 136.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.791+/-0.317 χ^2/NDF : 248.7/15

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 14.203+/-0.442 χ^2 /NDF: 2128.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.286+/-0.380 χ^2 /NDF: 2819.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

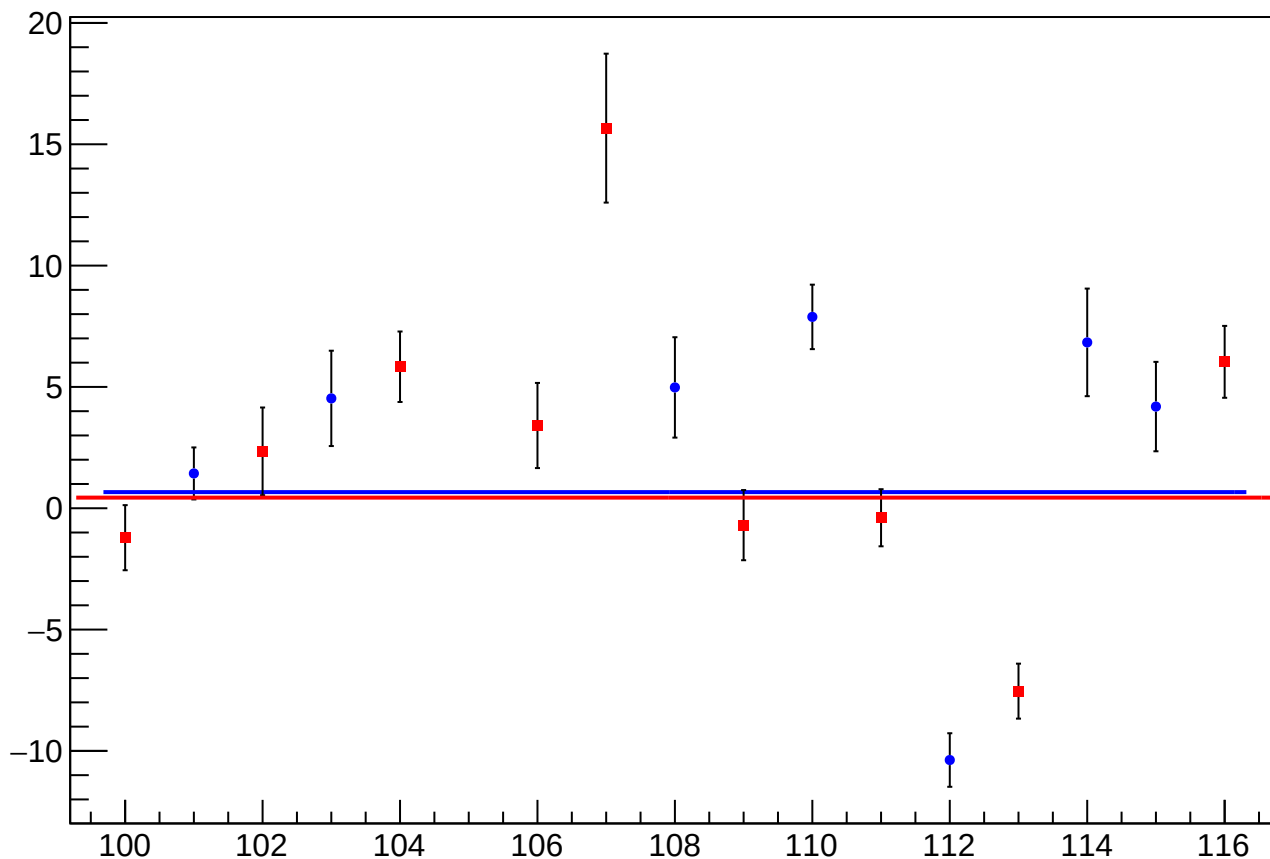
Right: 15.401+/-0.288 χ^2 /NDF: 4960.5/15

In: 14.203+/-0.442 χ^2 /NDF:2128.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.401+/-0.288 χ^2 /NDF: 4960.5/15

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.665+/-0.555 χ^2/NDF : 149.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.438+/-0.488 χ^2/NDF : 108.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

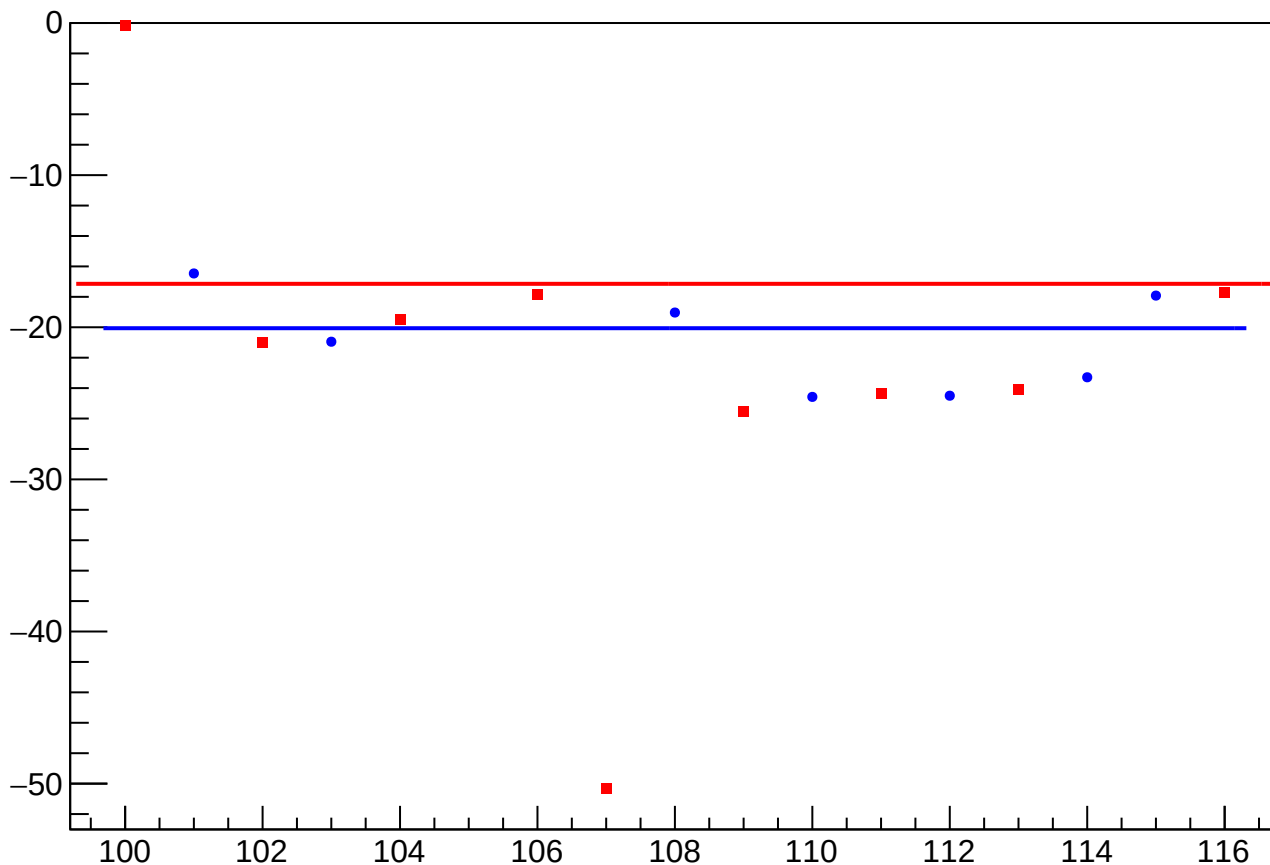
Right: 0.537+/-0.366 χ^2/NDF : 258.7/15

In: 0.665+/-0.555 χ^2/NDF : 149.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.537+/-0.366 χ^2/NDF : 258.7/15

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.062 $\pm$ 0.027 χ^2 /NDF: 13175.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.145 $\pm$ 0.022 χ^2 /NDF: 216644.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

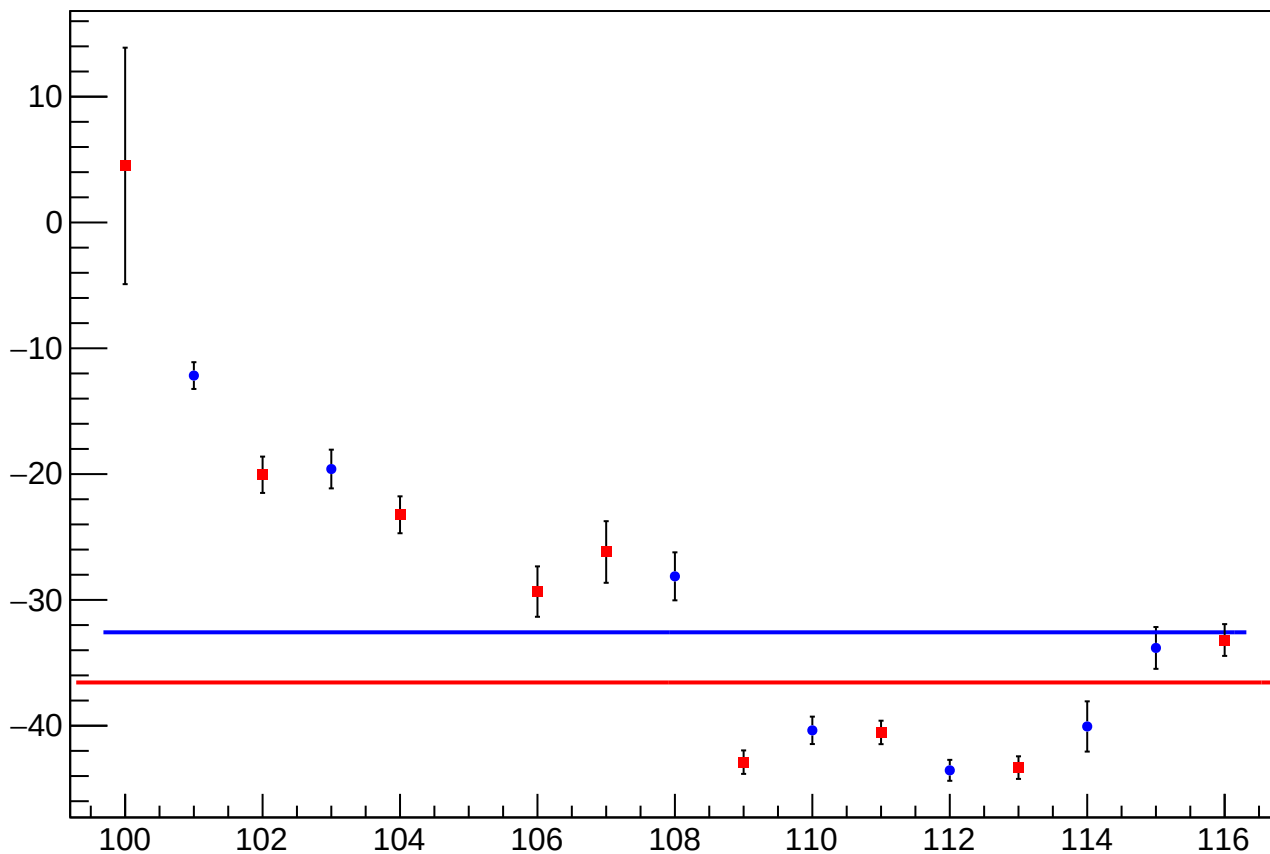
Right: -18.320 $\pm$ 0.017 χ^2 /NDF: 237042.0/15

In: -20.062 $\pm$ 0.027 χ^2 /NDF: 13175.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.320 $\pm$ 0.017 χ^2 /NDF: 237042.0/15

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: -34.779 ± 0.316 $\chi^2/\text{NDF}: 1114.9/15$

In: -32.575 ± 0.472 $\chi^2/\text{NDF}: 684.2/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.779 ± 0.316 $\chi^2/\text{NDF}: 1114.9/15$

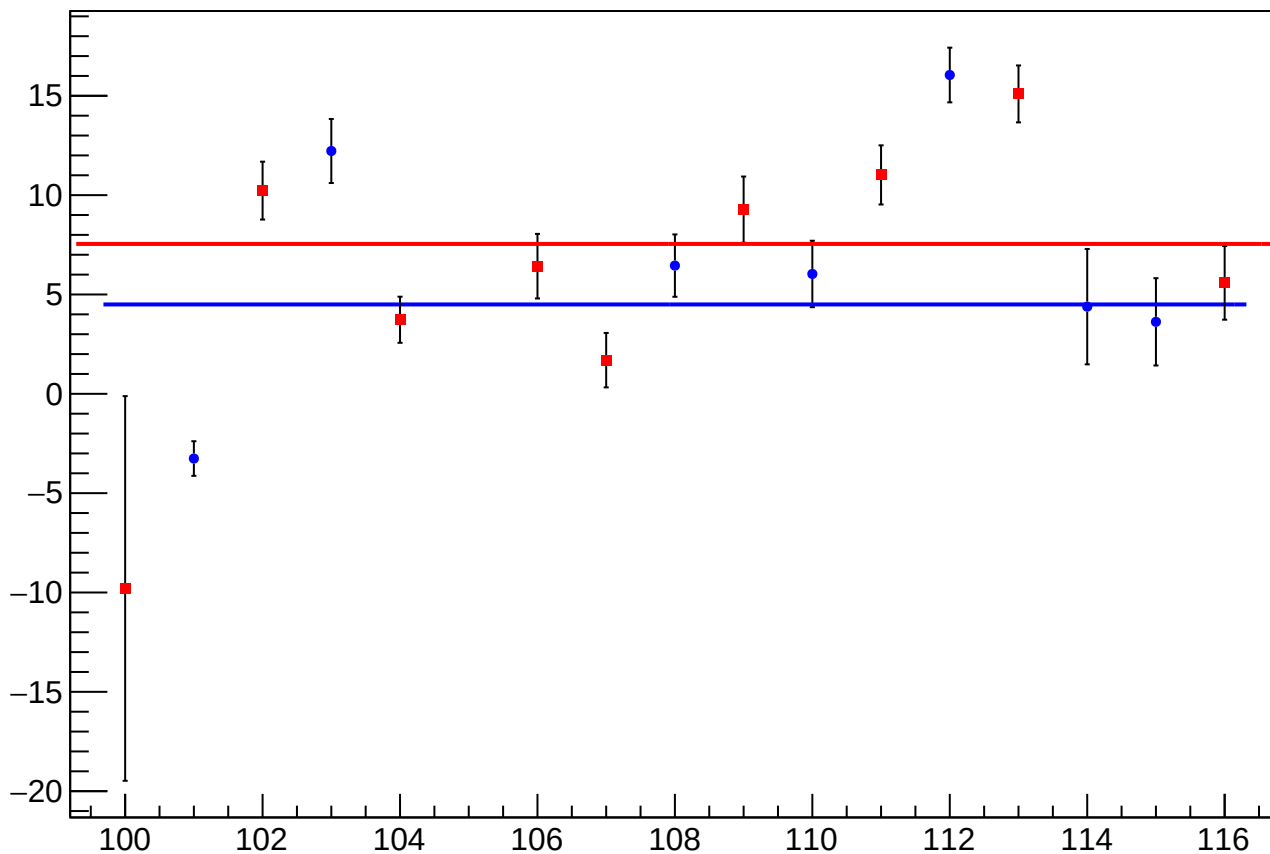
Right In: -32.575 ± 0.472 $\chi^2/\text{NDF}: 684.2/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.562 ± 0.425 $\chi^2/\text{NDF}: 391.4/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.498+/-0.549 χ^2/NDF : 175.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.545+/-0.518 χ^2/NDF : 71.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

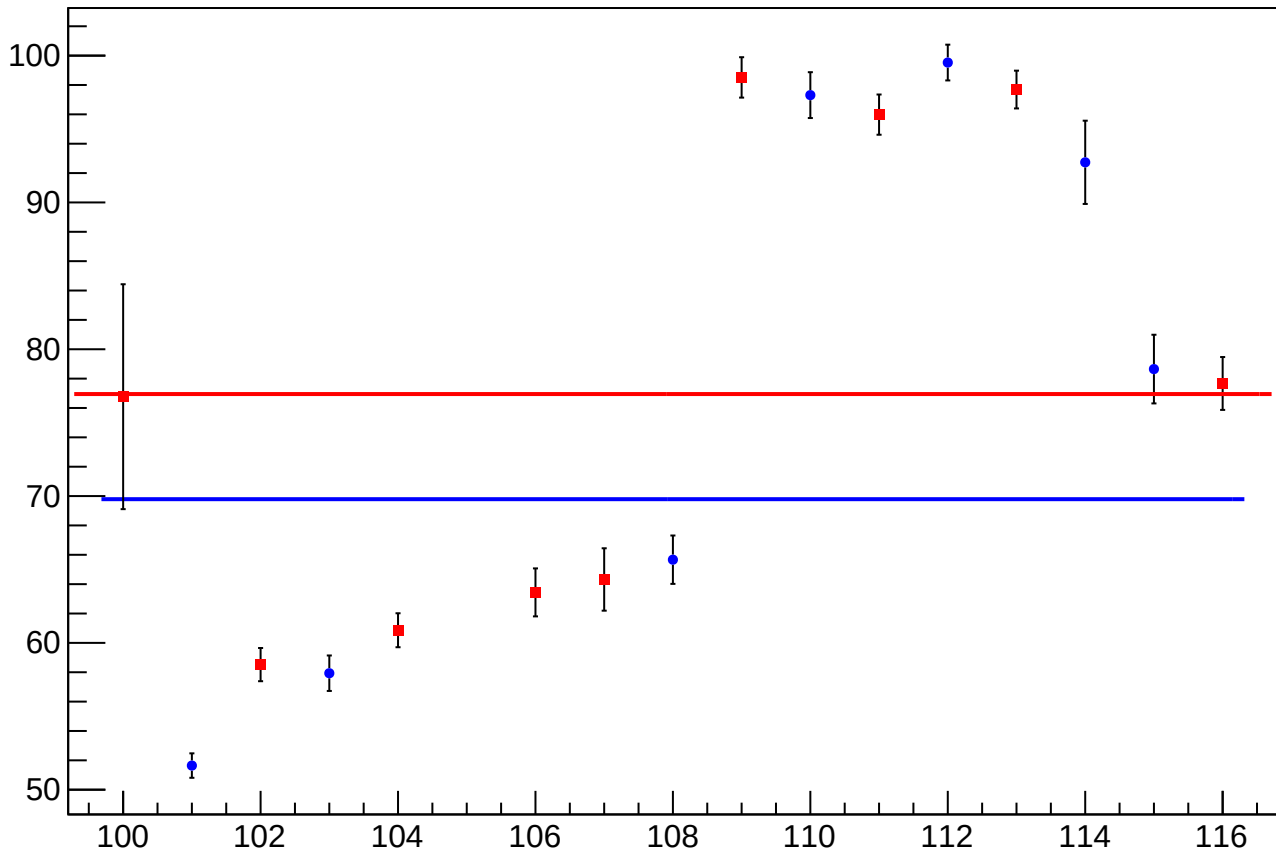
Right: 6.109+/-0.377 χ^2/NDF : 263.0/15

In: 4.498+/-0.549 χ^2/NDF : 175.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.109+/-0.377 χ^2/NDF : 263.0/15

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.788+/-0.507 χ^2/NDF : 1564.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.949+/-0.493 χ^2/NDF : 1261.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

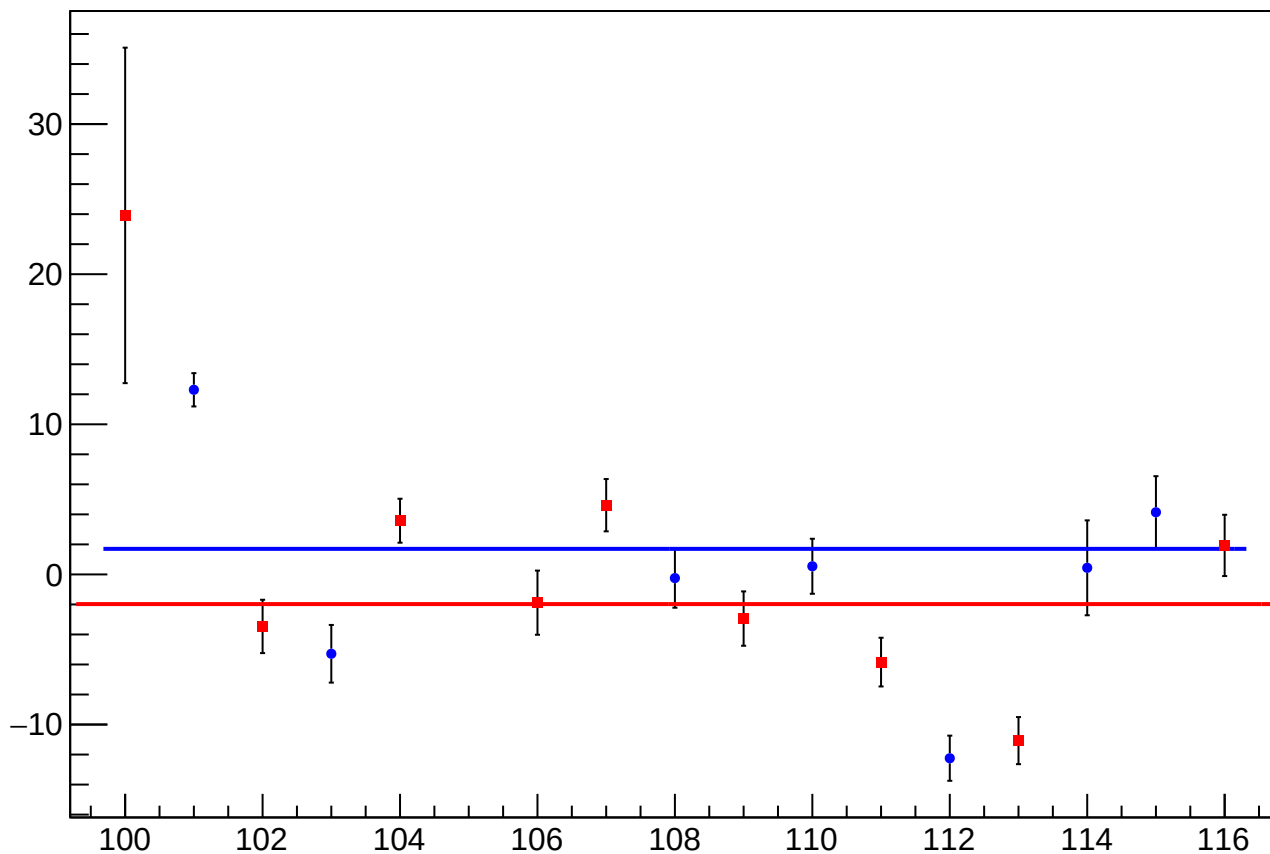
Right: 73.470+/-0.353 χ^2/NDF : 2928.1/15

In: 69.788+/-0.507 χ^2/NDF : 1564.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.470+/-0.353 χ^2/NDF : 2928.1/15

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.703+/-0.652 χ^2/NDF : 193.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.977+/-0.612 χ^2/NDF : 78.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

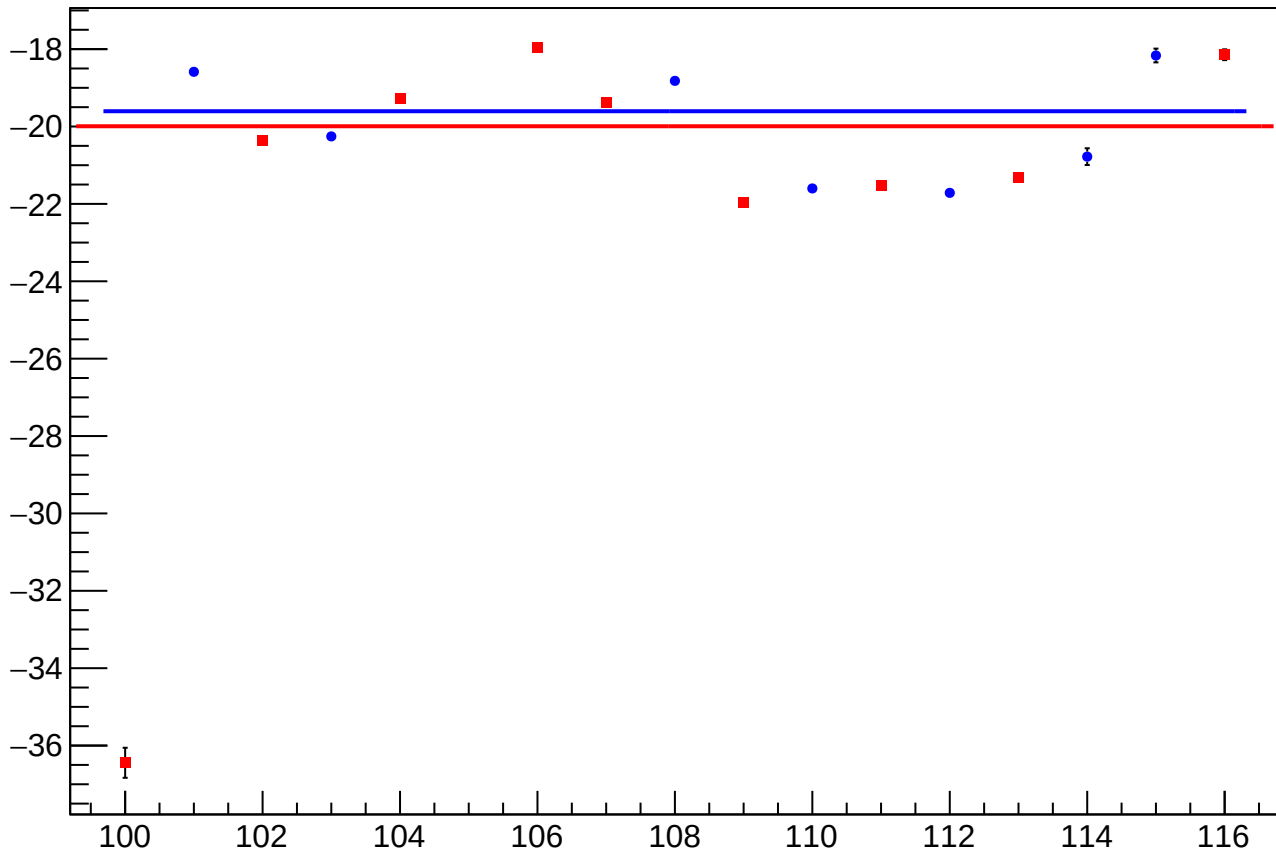
Right: -0.253+/-0.446 χ^2/NDF : 288.0/15

In: 1.703+/-0.652 χ^2/NDF : 193.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-0.446 χ^2/NDF : 288.0/15

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.605 $\pm$ 0.028 χ^2 /NDF: 1544.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.993 $\pm$ 0.027 χ^2 /NDF: 3752.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

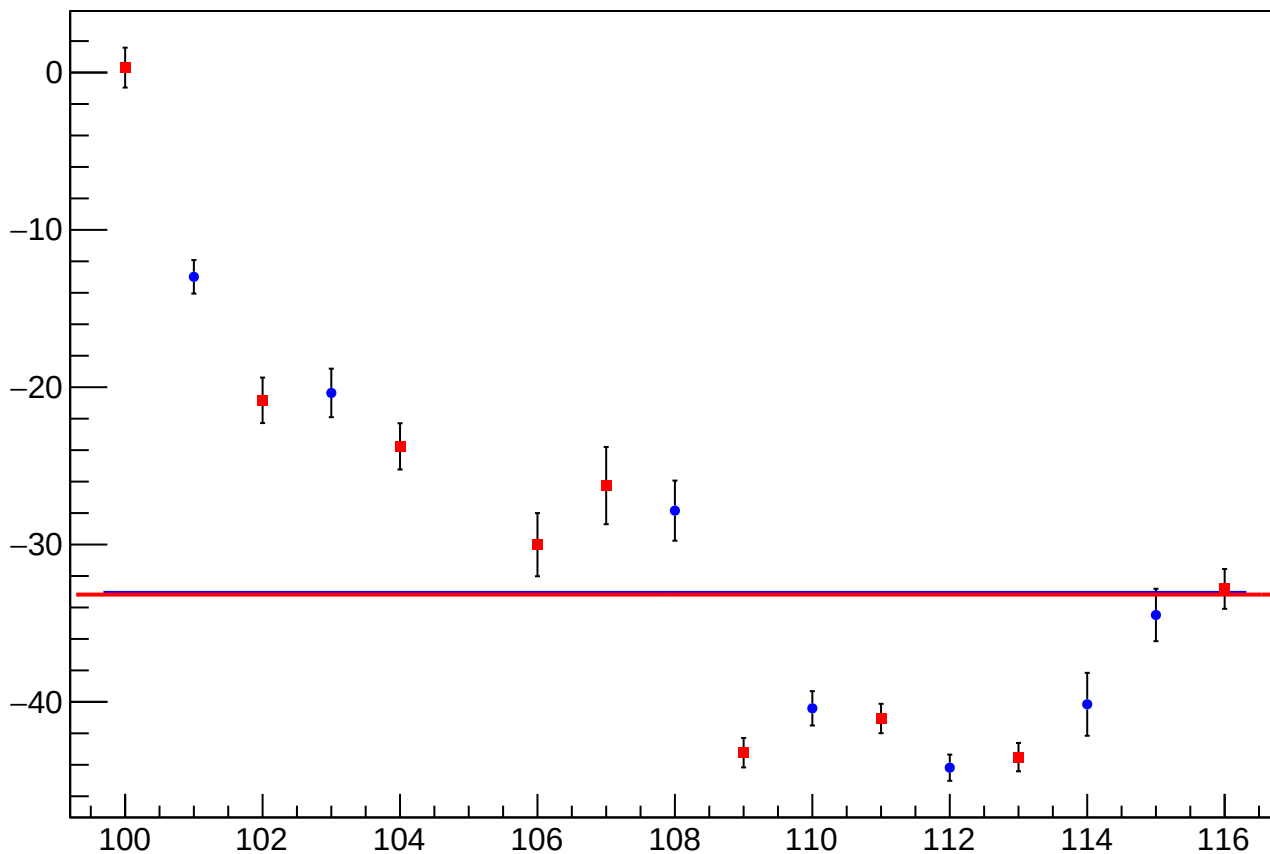
Right: -19.810 $\pm$ 0.019 χ^2 /NDF: 5396.1/15

In: -19.605 $\pm$ 0.028 χ^2 /NDF:1544.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.810 $\pm$ 0.019 χ^2 /NDF: 5396.1/15

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.074 $\pm$ 0.473 χ^2 /NDF: 667.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.181 $\pm$ 0.404 χ^2 /NDF: 1141.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

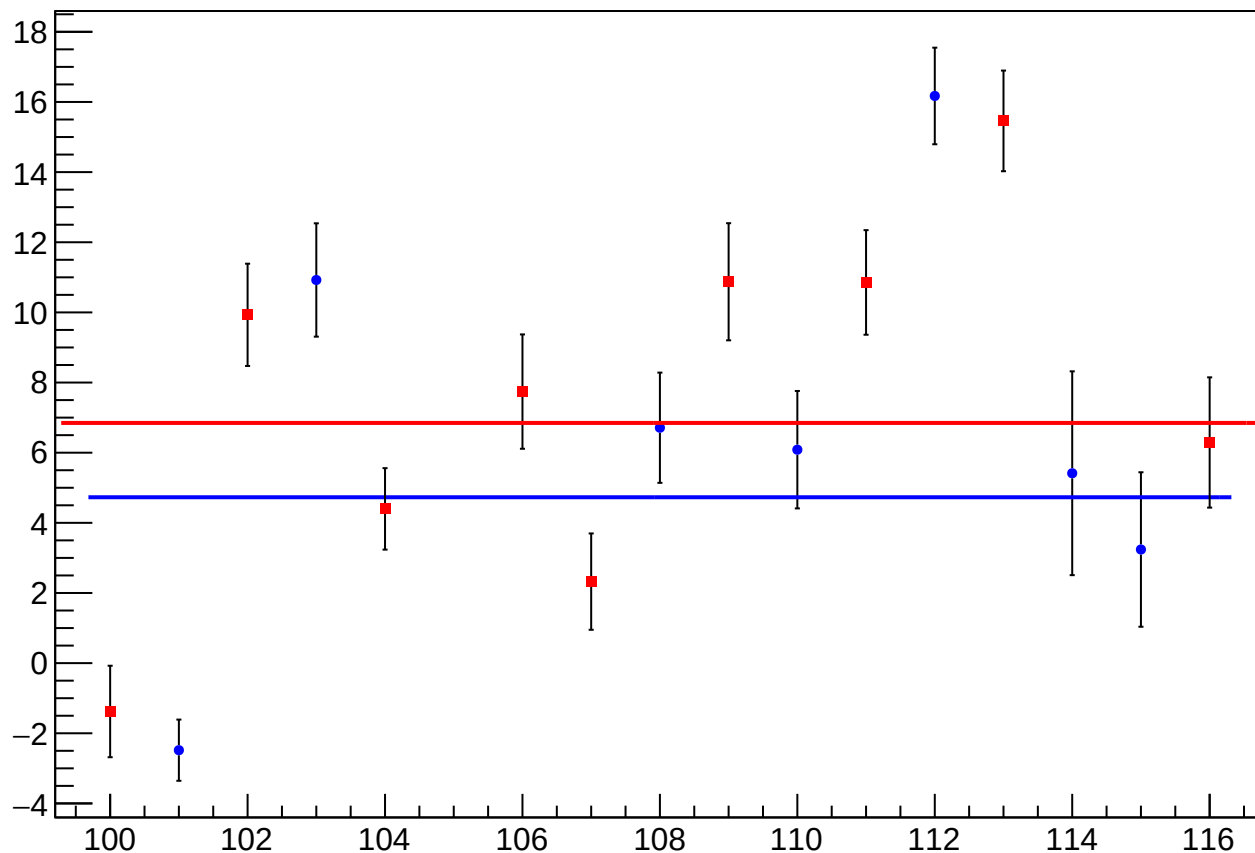
Right: -33.136 $\pm$ 0.307 χ^2 /NDF: 1808.4/15

In: -33.074 $\pm$ 0.473 χ^2 /NDF:667.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.136 $\pm$ 0.307 χ^2 /NDF: 1808.4/15

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.729+/-0.550 χ^2/NDF : 154.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.849+/-0.483 χ^2/NDF : 109.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

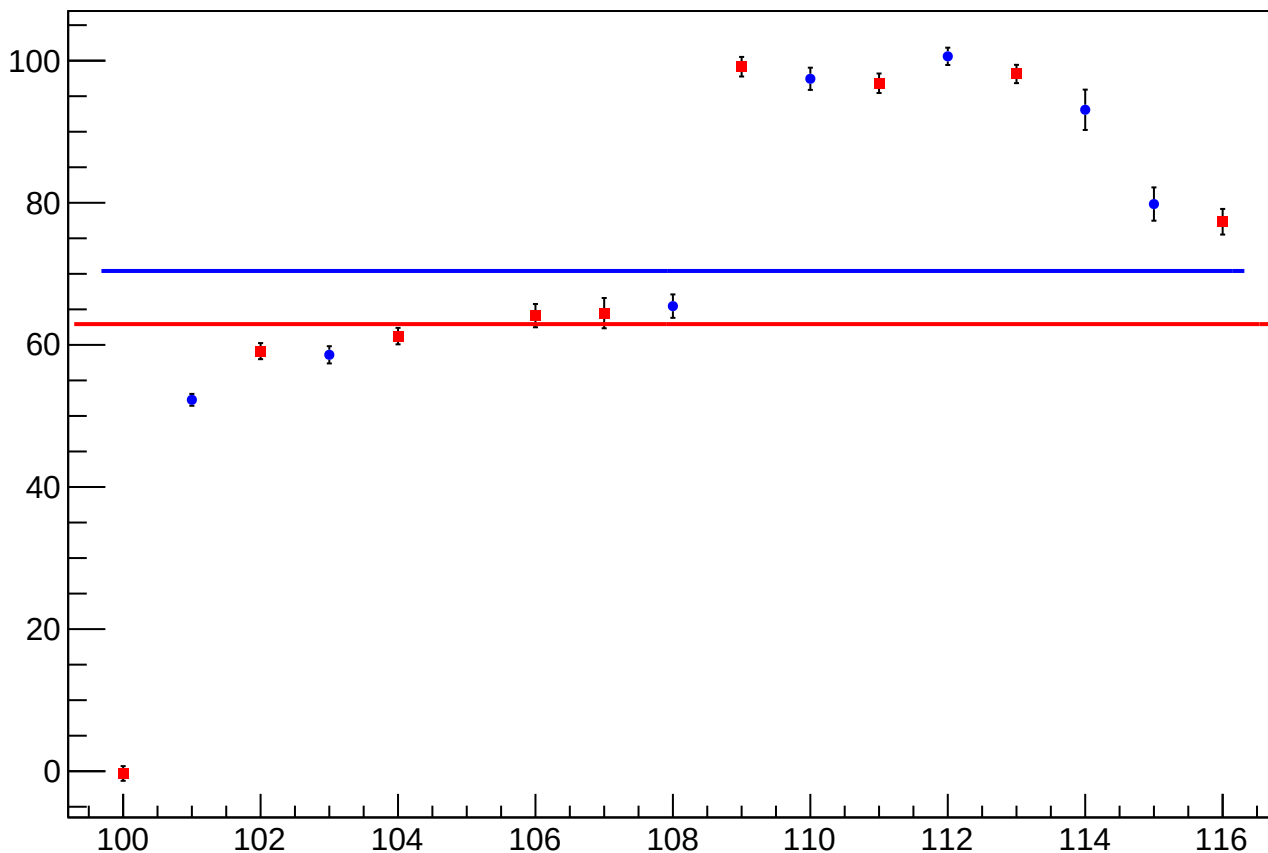
Right: 5.926+/-0.363 χ^2/NDF : 272.2/15

In: 4.729+/-0.550 χ^2/NDF : 154.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.926+/-0.363 χ^2/NDF : 272.2/15

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.405+/-0.508 χ^2/NDF : 1570.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.925+/-0.446 χ^2/NDF : 5871.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

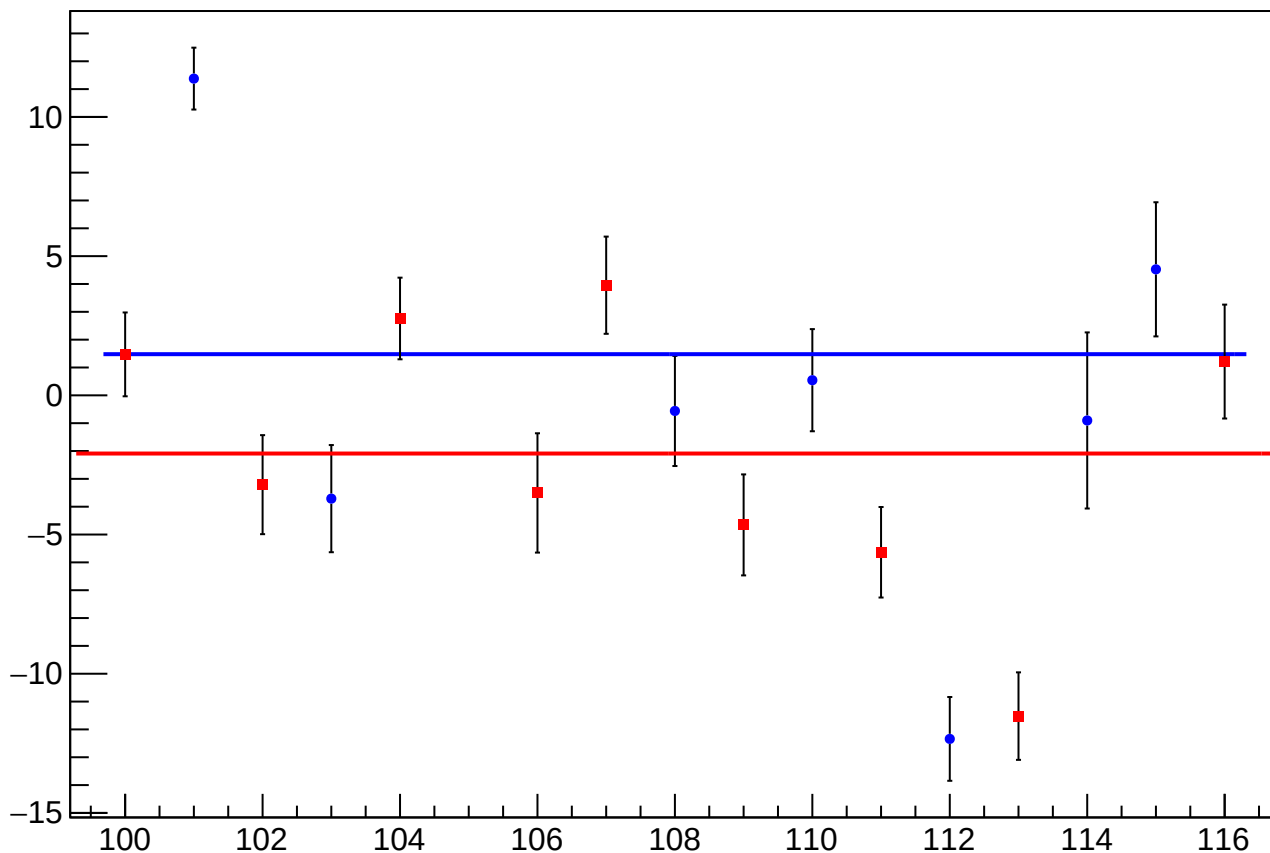
Right: 66.183+/-0.335 χ^2/NDF : 7564.5/15

In: 70.405+/-0.508 χ^2/NDF : 1570.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.183+/-0.335 χ^2/NDF : 7564.5/15

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.479+/-0.653 χ^2/NDF : 174.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.090+/-0.568 χ^2/NDF : 74.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

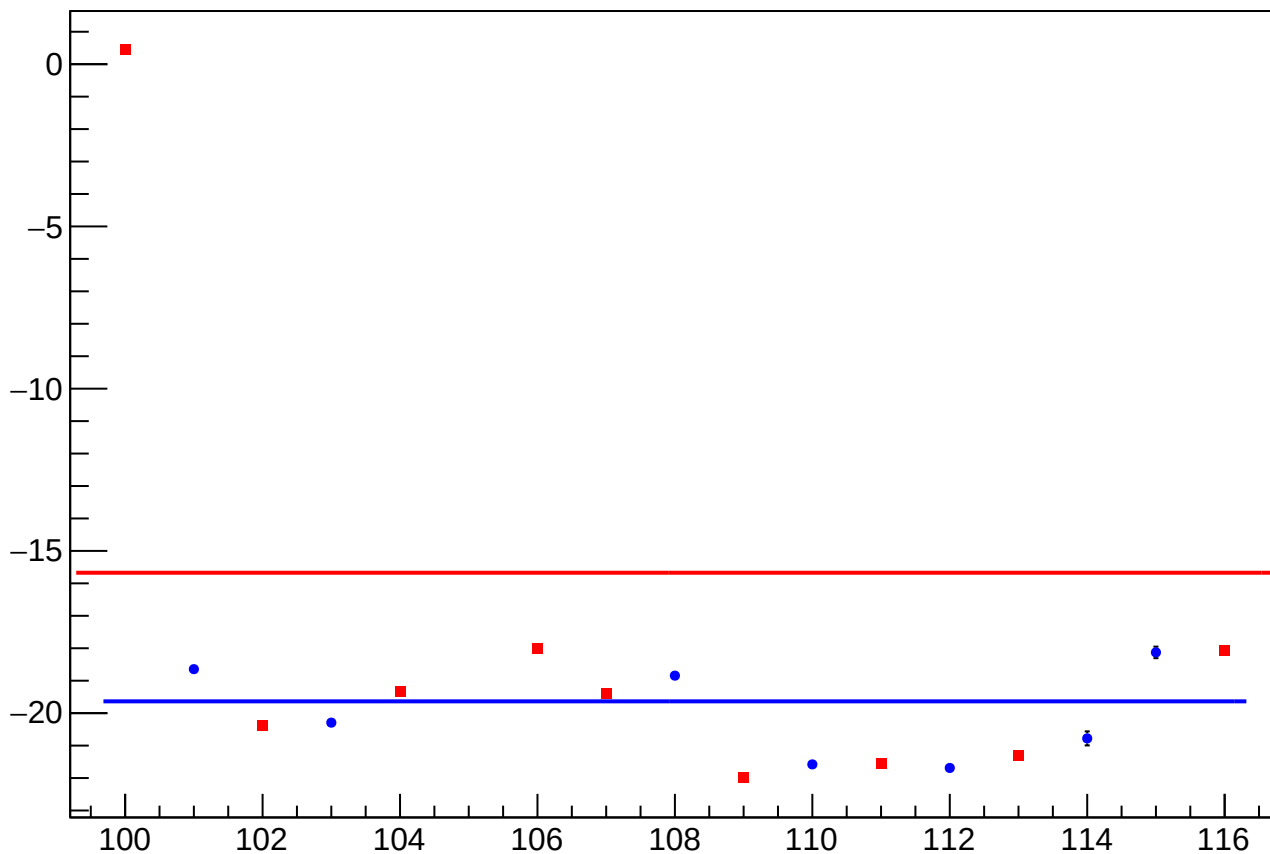
Right: -0.551+/-0.429 χ^2/NDF : 266.2/15

In: 1.479+/-0.653 χ^2/NDF : 174.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.551+/-0.429 χ^2/NDF : 266.2/15

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.636 $\pm$ 0.028 χ^2 /NDF: 1490.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.673 $\pm$ 0.024 χ^2 /NDF: 122096.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

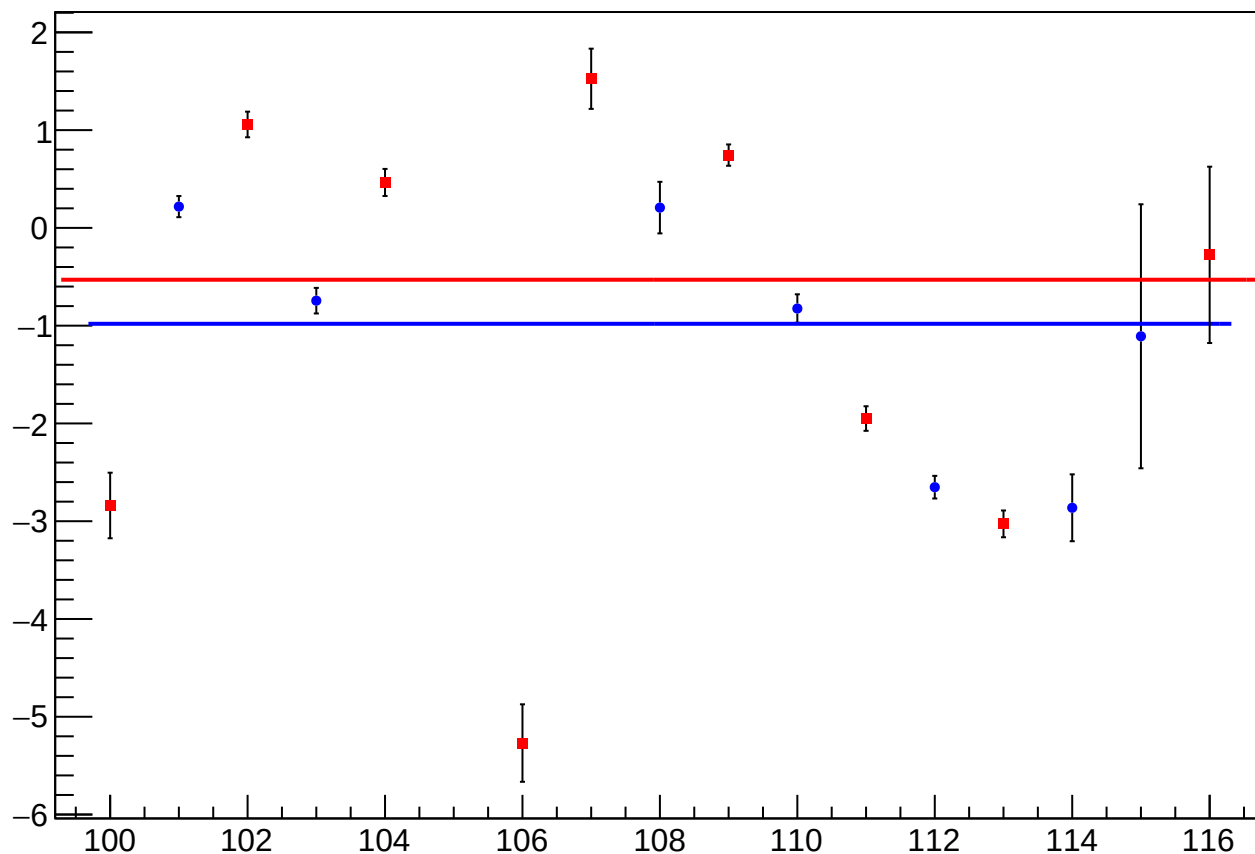
Right: -17.317 $\pm$ 0.018 χ^2 /NDF: 134958.2/15

In: -19.636 $\pm$ 0.028 χ^2 /NDF: 1490.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.317 $\pm$ 0.018 χ^2 /NDF: 134958.2/15

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.981 ± 0.059 χ^2/NDF : 386.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.530 ± 0.054 χ^2/NDF : 1029.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

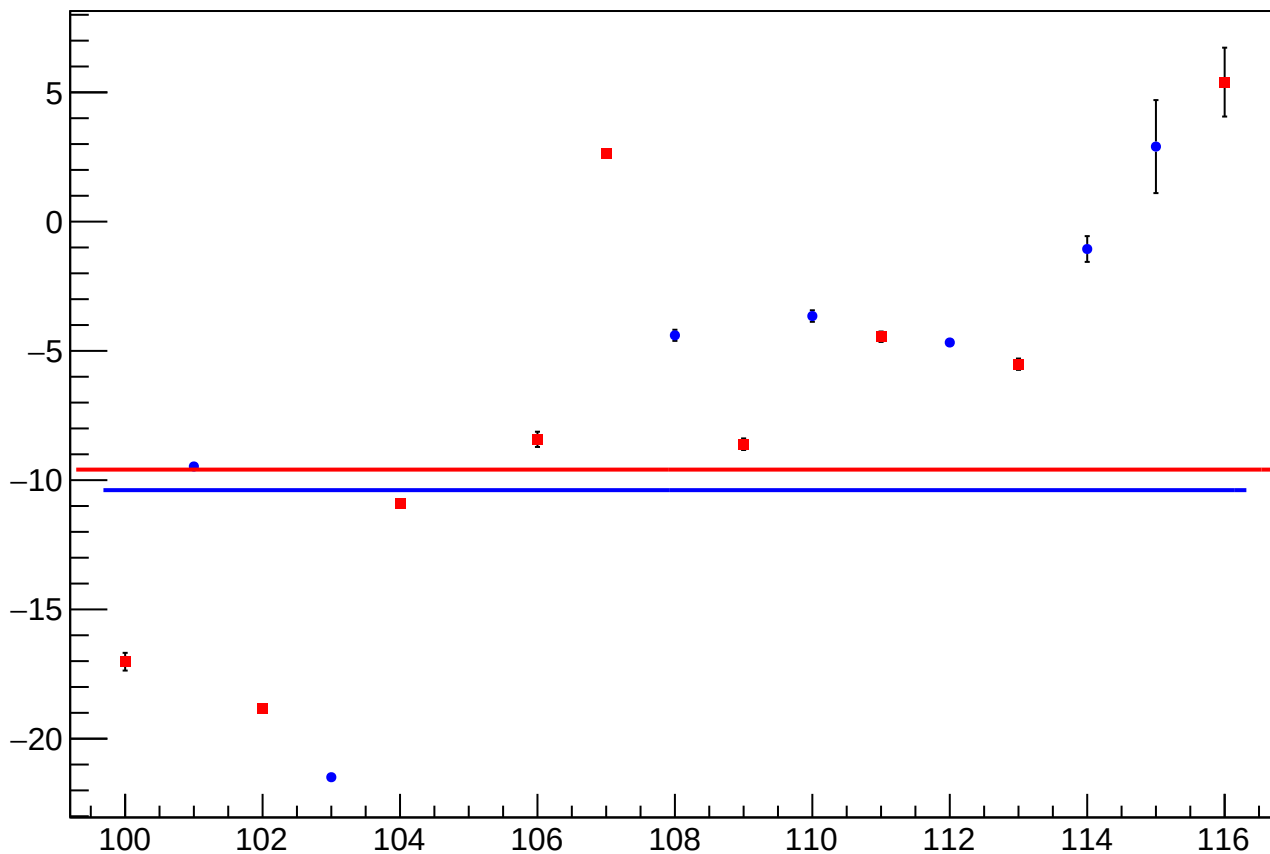
Right: -0.738 ± 0.040 χ^2/NDF : 1447.5/15

In: -0.981 ± 0.059 χ^2/NDF : 386.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.738 ± 0.040 χ^2/NDF : 1447.5/15

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.387 ± 0.063 $\chi^2/\text{NDF}: 9481.8/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.592 ± 0.064 $\chi^2/\text{NDF}: 11230.3/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

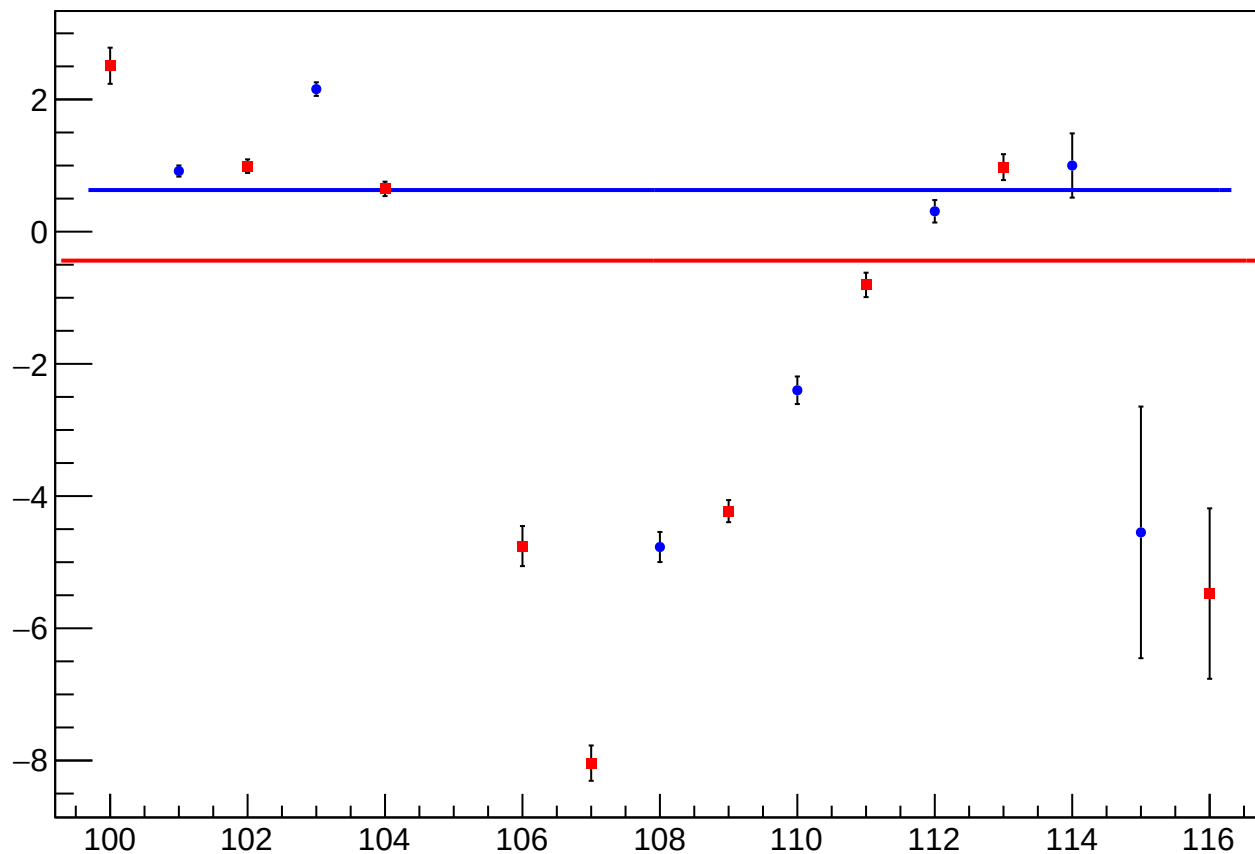
Right: -9.995 ± 0.045 $\chi^2/\text{NDF}: 20790.7/15$

In: -10.387 ± 0.063 $\chi^2/\text{NDF}: 9481.8/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.995 ± 0.045 $\chi^2/\text{NDF}: 20790.7/15$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.629+/-0.056 χ^2/NDF : 1017.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.438+/-0.057 χ^2/NDF : 2004.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

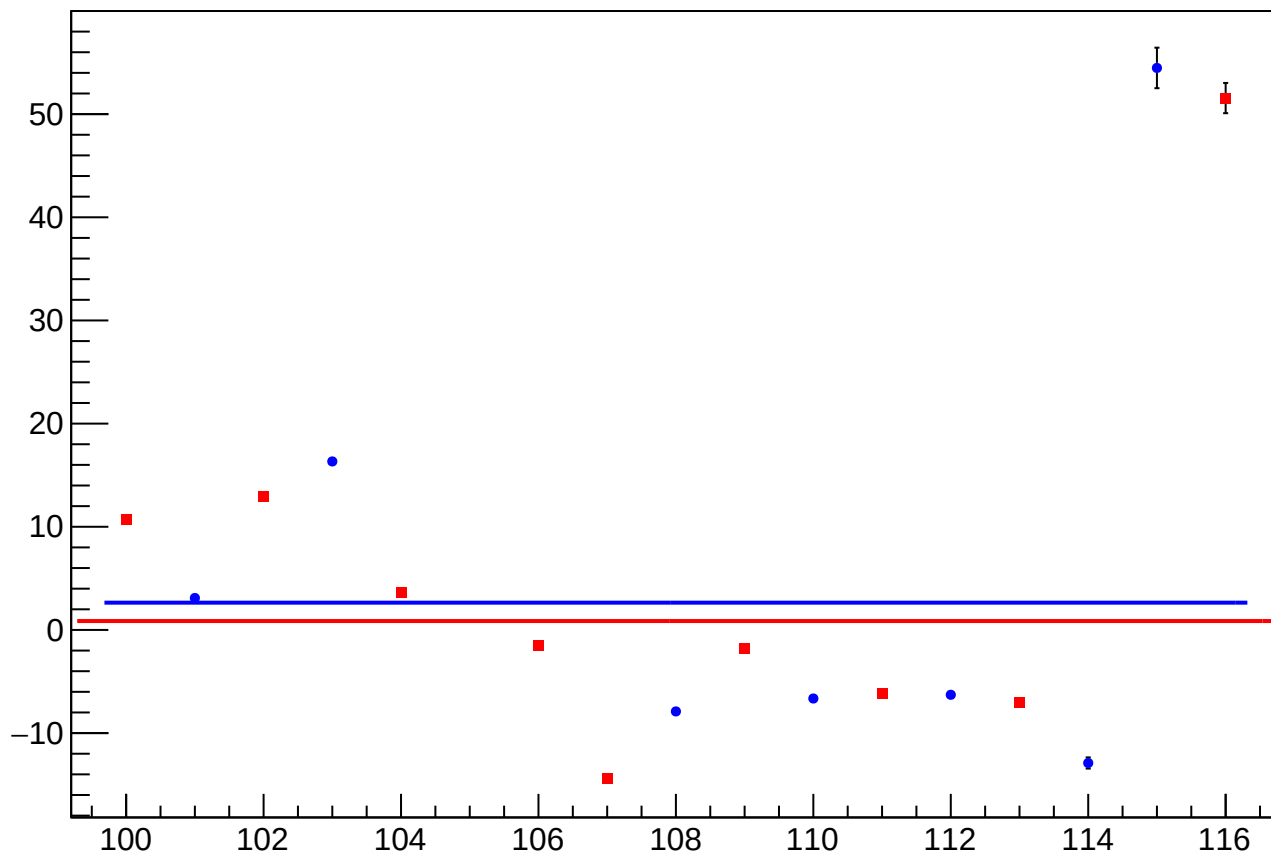
Right: 0.102+/-0.040 χ^2/NDF : 3198.8/15

In: 0.629+/-0.056 χ^2/NDF : 1017.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.102+/-0.040 χ^2/NDF : 3198.8/15

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.644+/-0.076 χ^2/NDF : 13205.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.863+/-0.076 χ^2/NDF : 14520.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

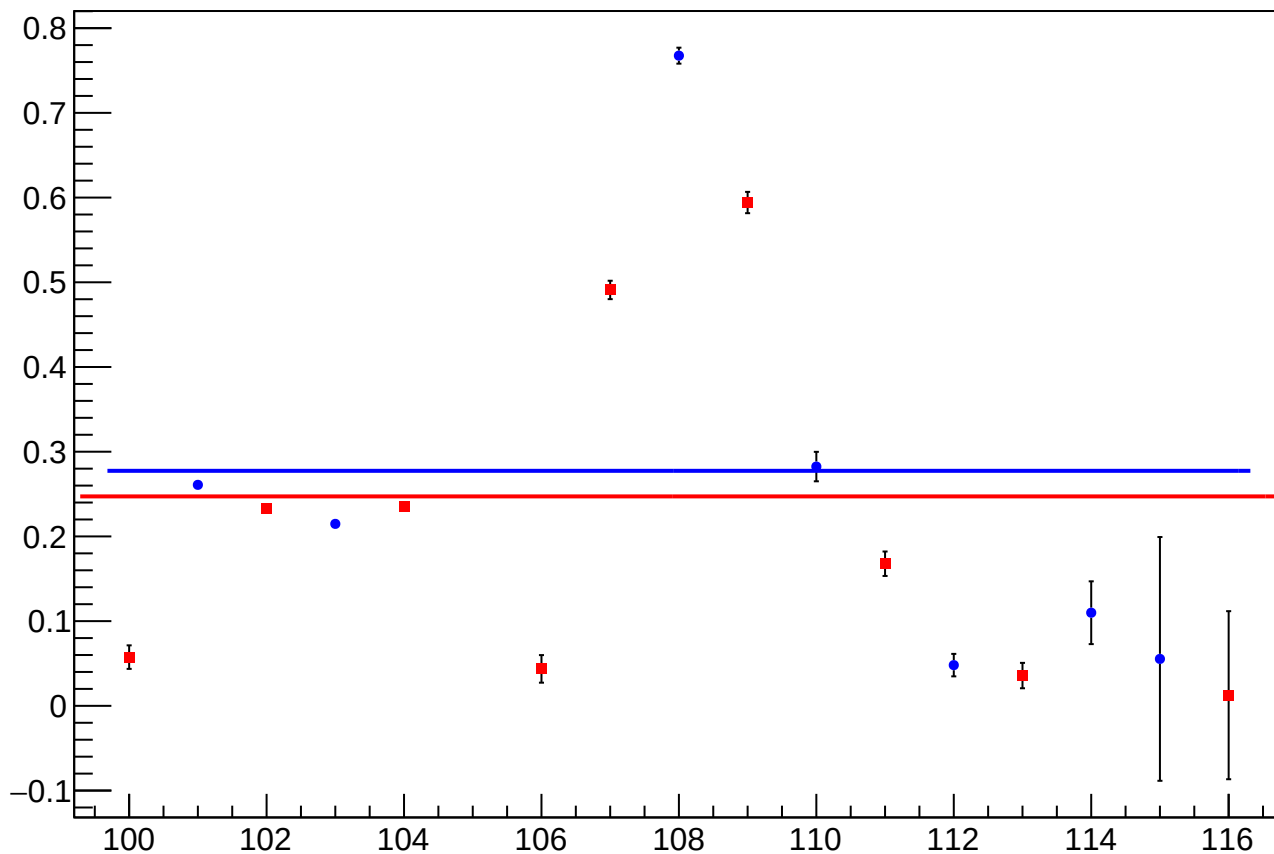
Right: 1.753+/-0.054 χ^2/NDF : 28001.0/15

In: 2.644+/-0.076 χ^2/NDF : 13205.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.753+/-0.054 χ^2/NDF : 28001.0/15

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.277+/-0.003 χ^2/NDF : 3248.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.247+/-0.003 χ^2/NDF : 1857.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

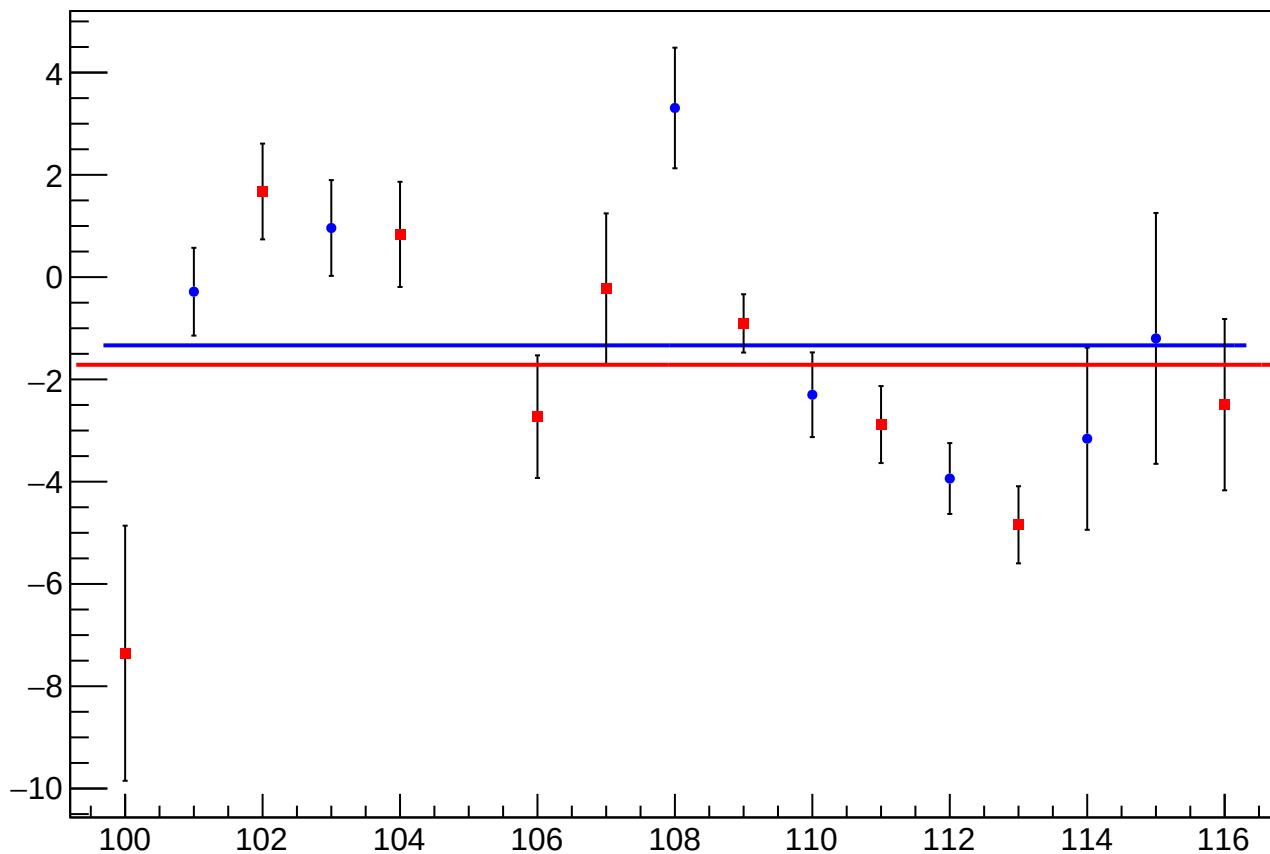
Right: 0.262+/-0.002 χ^2/NDF : 5160.5/15

In: 0.277+/-0.003 χ^2/NDF : 3248.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.262+/-0.002 χ^2/NDF : 5160.5/15

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.334 $\pm$ 0.372 χ^2 /NDF: 39.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.714 $\pm$ 0.311 χ^2 /NDF: 47.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

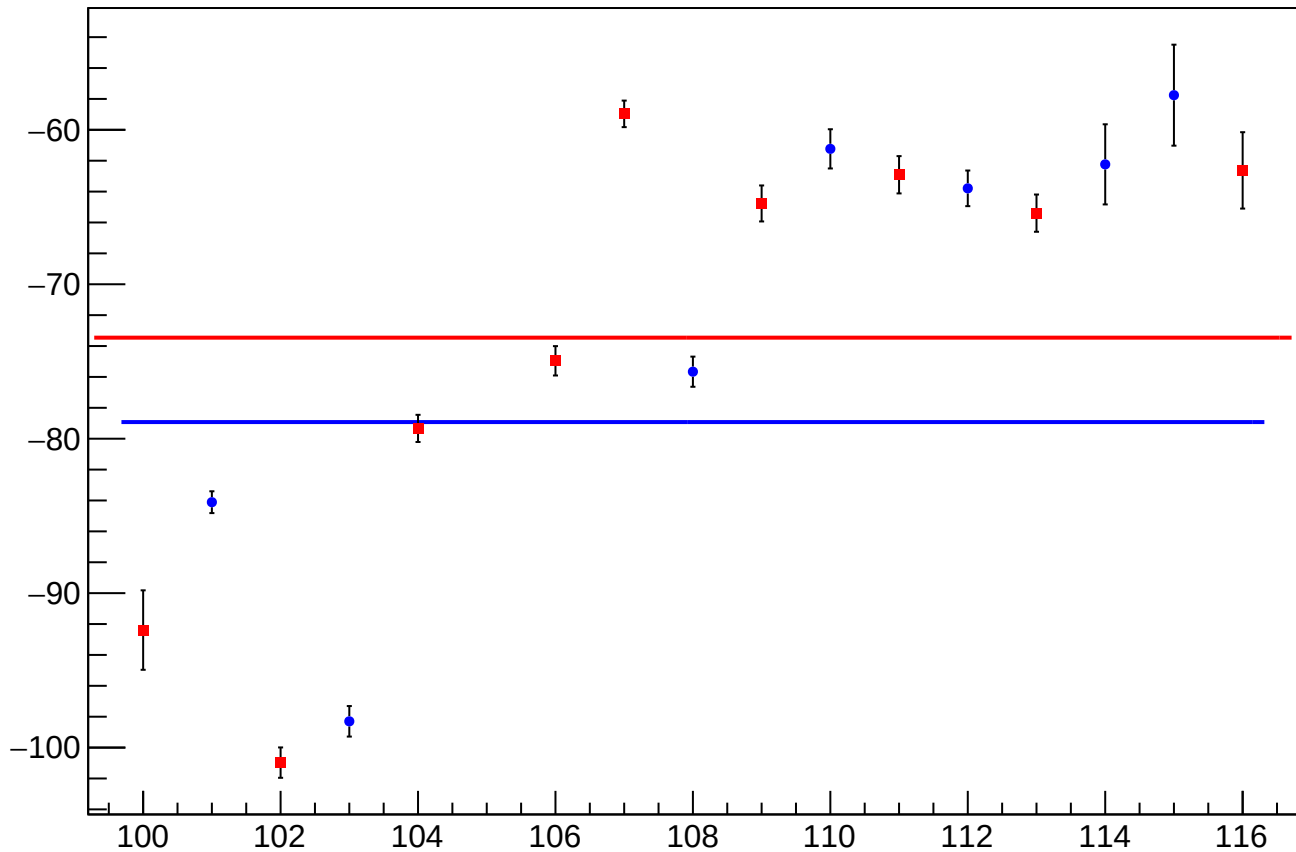
Right: -1.558 $\pm$ 0.238 χ^2 /NDF: 88.1/15

In: -1.334 $\pm$ 0.372 χ^2 /NDF:39.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.558 $\pm$ 0.238 χ^2 /NDF: 88.1/15

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -78.923+/-0.419 χ^2/NDF : 898.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.457+/-0.372 χ^2/NDF : 1364.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

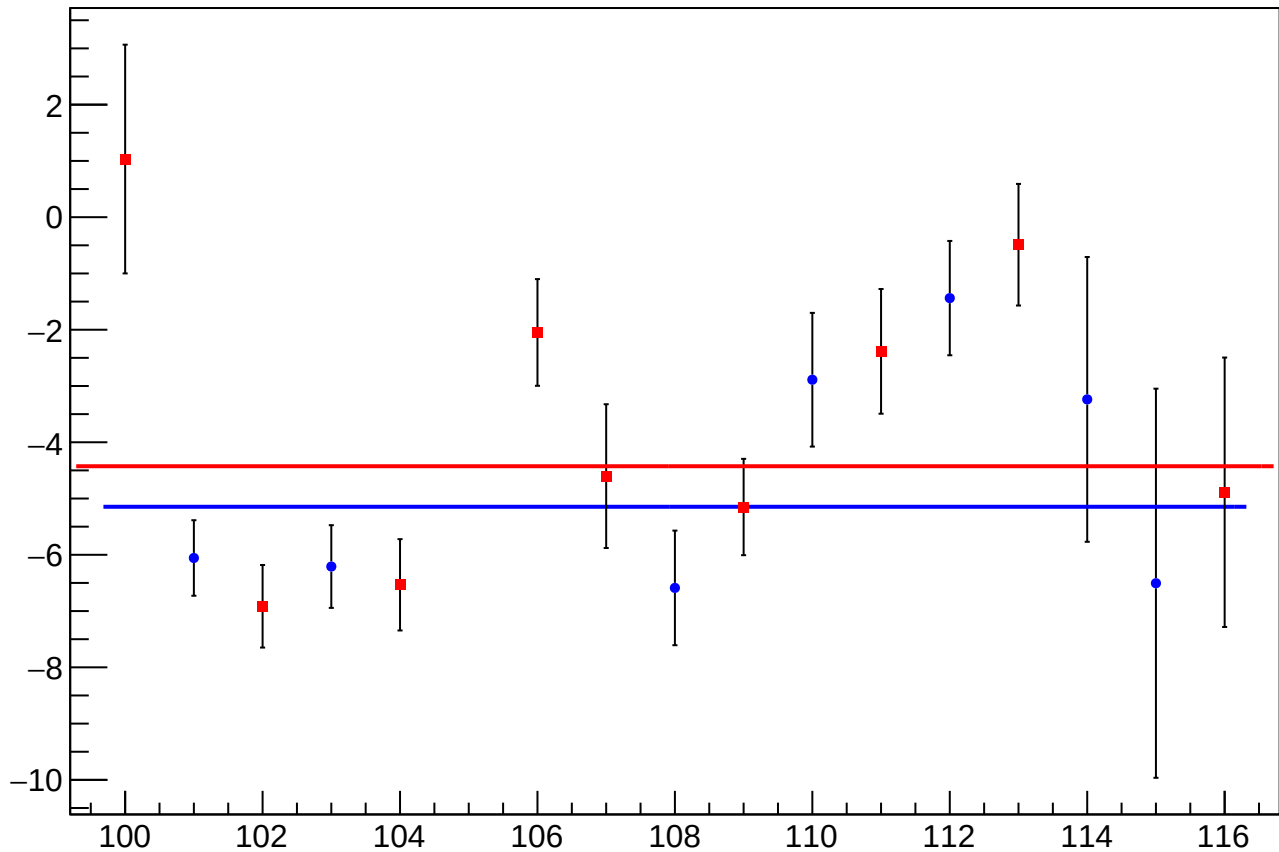
Right: -75.868+/-0.278 χ^2/NDF : 2358.6/15

In: -78.923+/-0.419 χ^2/NDF : 898.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.868+/-0.278 χ^2/NDF : 2358.6/15

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.146 ± 0.379 χ^2/NDF : 23.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.426 ± 0.342 χ^2/NDF : 49.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

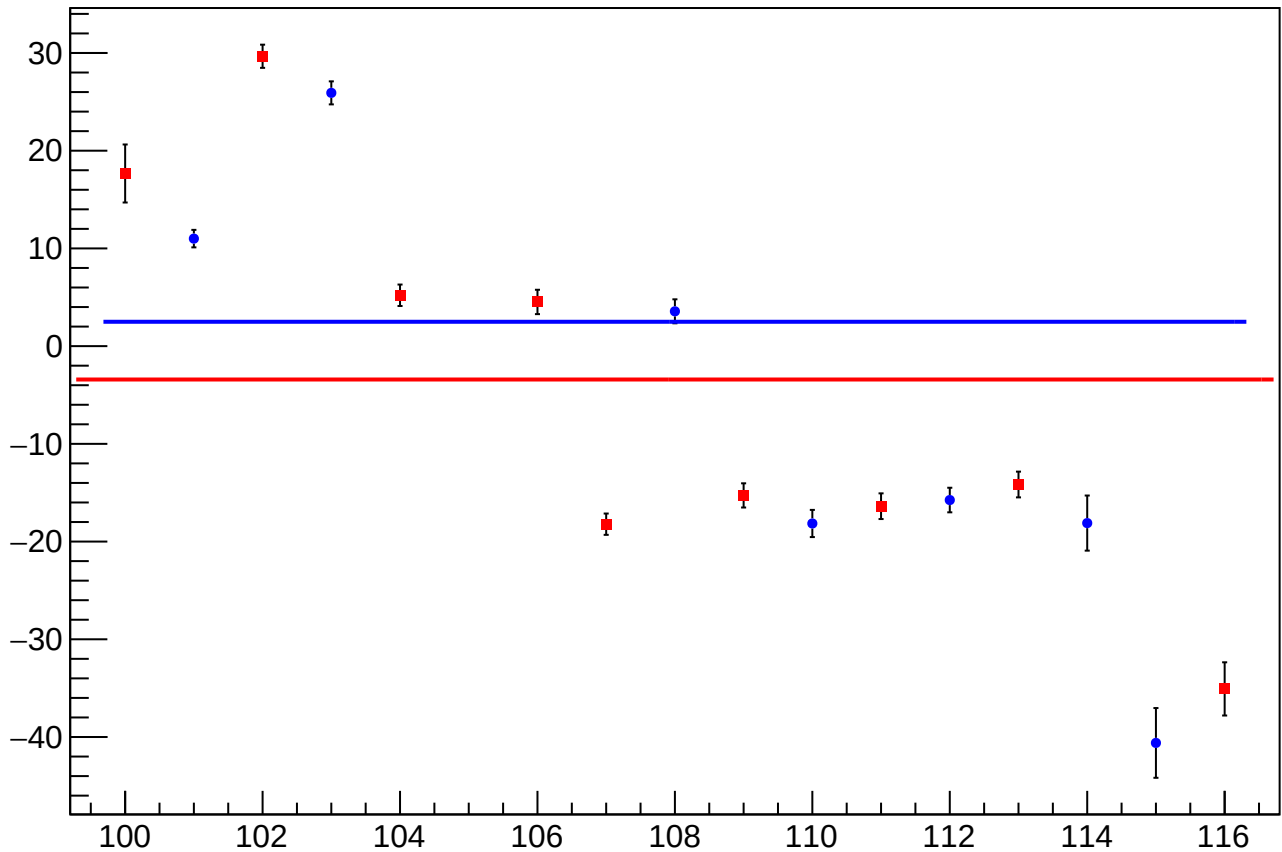
Right: -4.749 ± 0.254 χ^2/NDF : 74.8/15

In: -5.146 ± 0.379 χ^2/NDF : 23.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.749 ± 0.254 χ^2/NDF : 74.8/15

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.493+/-0.501 χ^2/NDF : 1115.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.415+/-0.444 χ^2/NDF : 1505.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

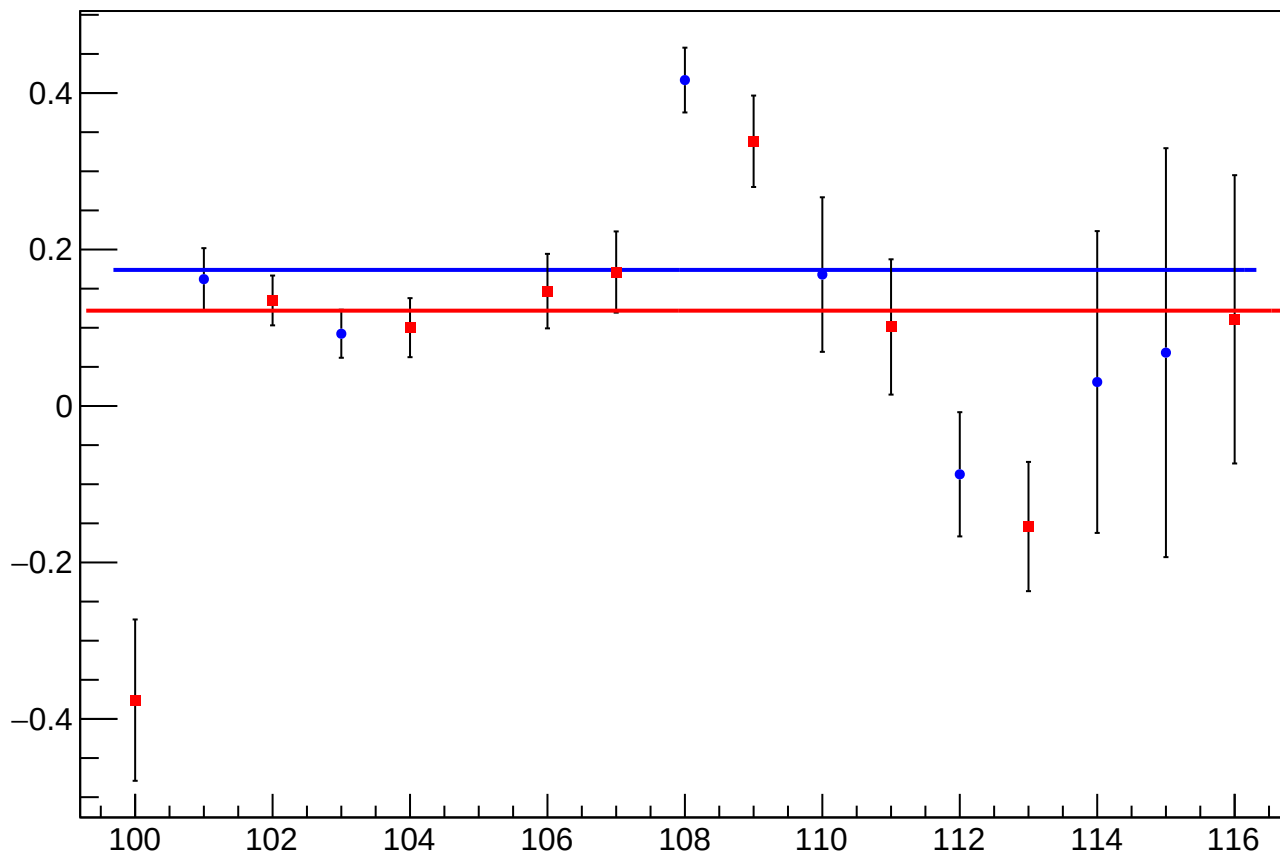
Right: -0.818+/-0.332 χ^2/NDF : 2699.0/15

In: 2.493+/-0.501 χ^2/NDF :1115.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.818+/-0.332 χ^2/NDF : 2699.0/15

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.174+/-0.020 χ^2/NDF : 53.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.122+/-0.018 χ^2/NDF : 49.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

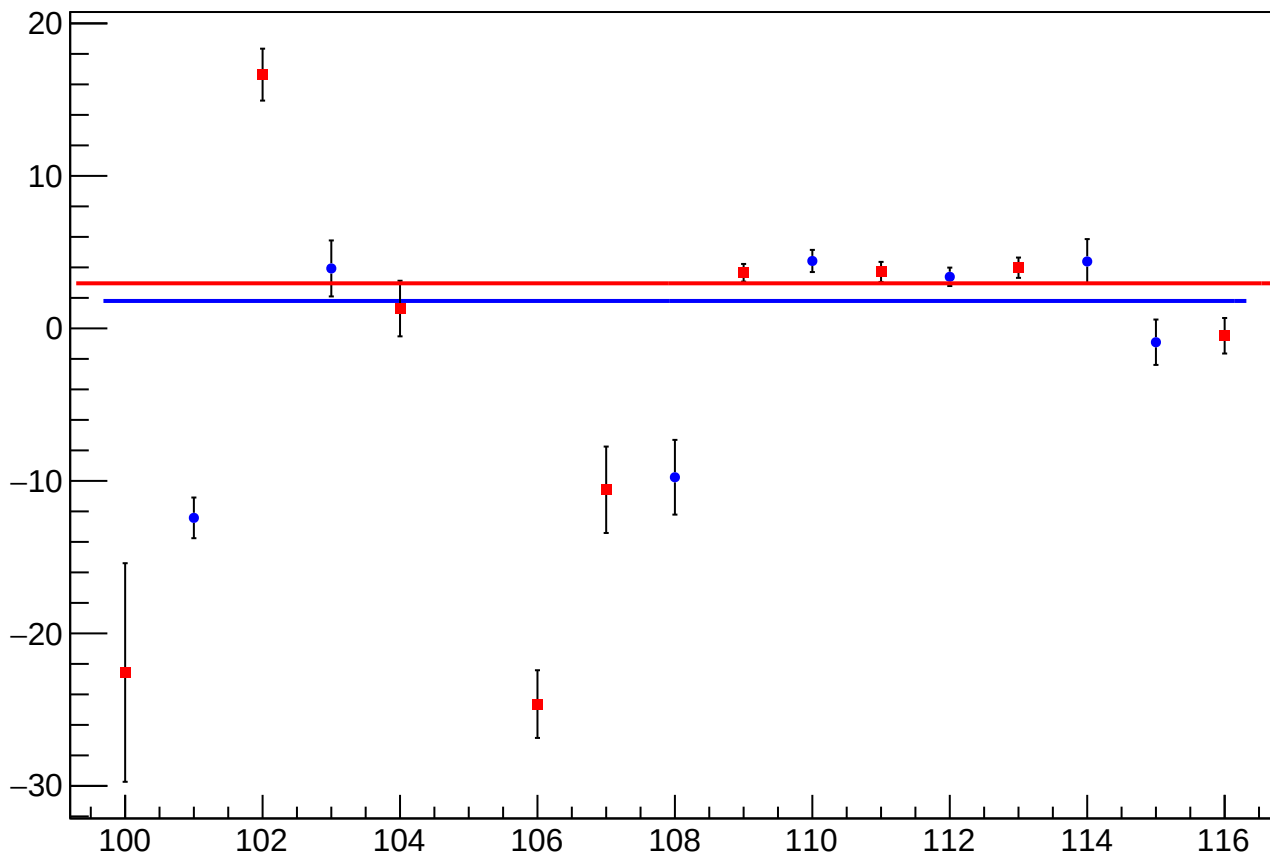
Right: 0.145+/-0.013 χ^2/NDF : 106.9/15

In: 0.174+/-0.020 χ^2/NDF : 53.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.145+/-0.013 χ^2/NDF : 106.9/15

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.799+/-0.390 χ^2/NDF : 163.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.956+/-0.328 χ^2/NDF : 269.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

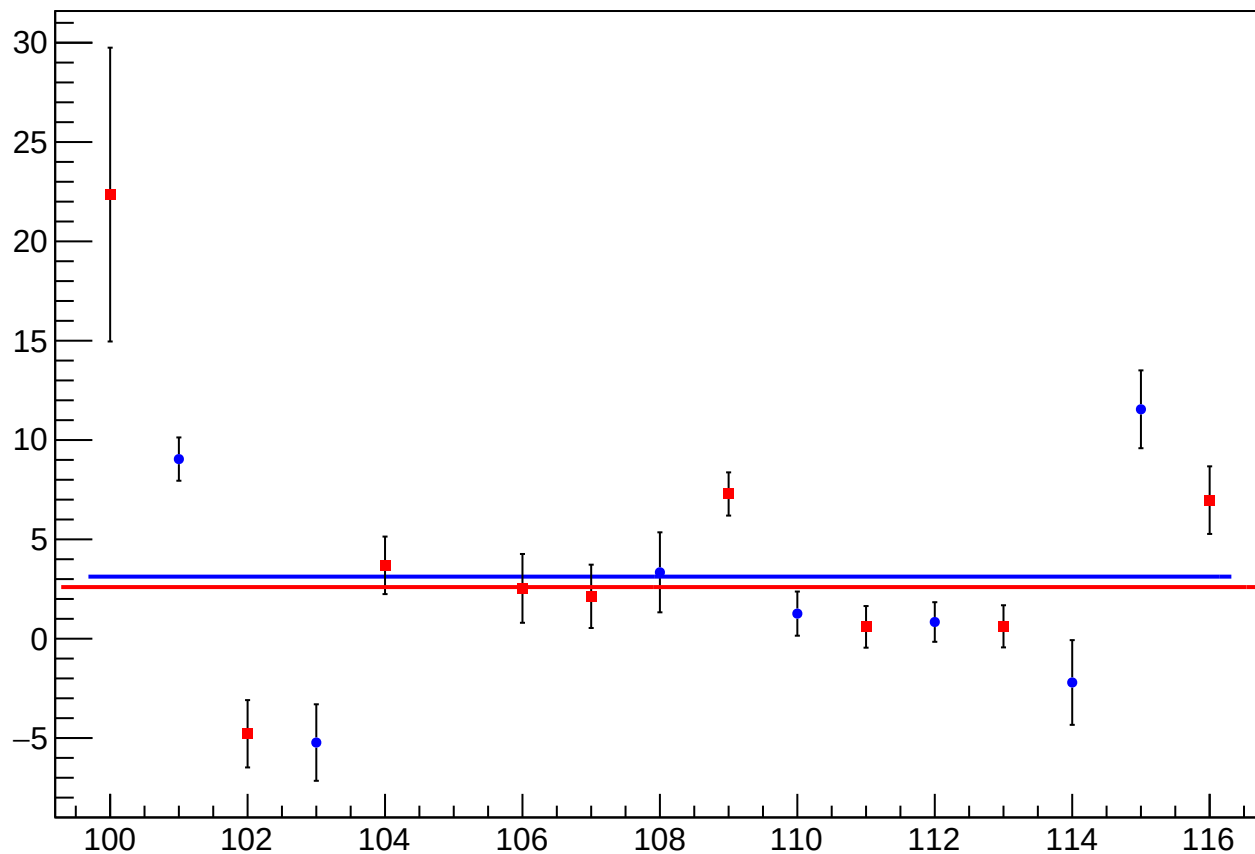
Right: 2.476+/-0.251 χ^2/NDF : 438.1/15

In: 1.799+/-0.390 χ^2/NDF : 163.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.476+/-0.251 χ^2/NDF : 438.1/15

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.124+/-0.523 χ^2/NDF : 81.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.598+/-0.468 χ^2/NDF : 59.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

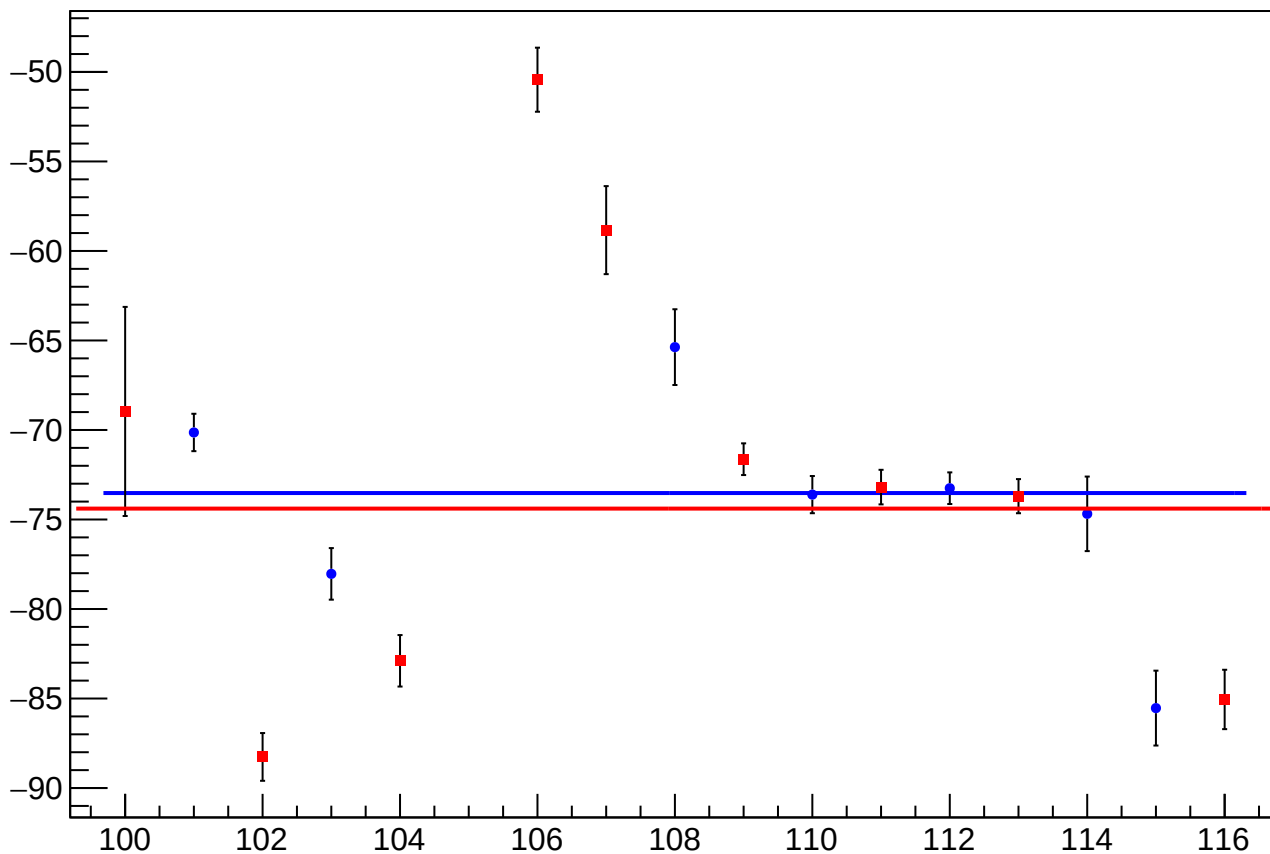
Right: 2.832+/-0.349 χ^2/NDF : 140.7/15

In: 3.124+/-0.523 χ^2/NDF : 81.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.832+/-0.349 χ^2/NDF : 140.7/15

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.522 $\pm$ 0.483 χ^2 /NDF: 68.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -74.391 $\pm$ 0.432 χ^2 /NDF: 416.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

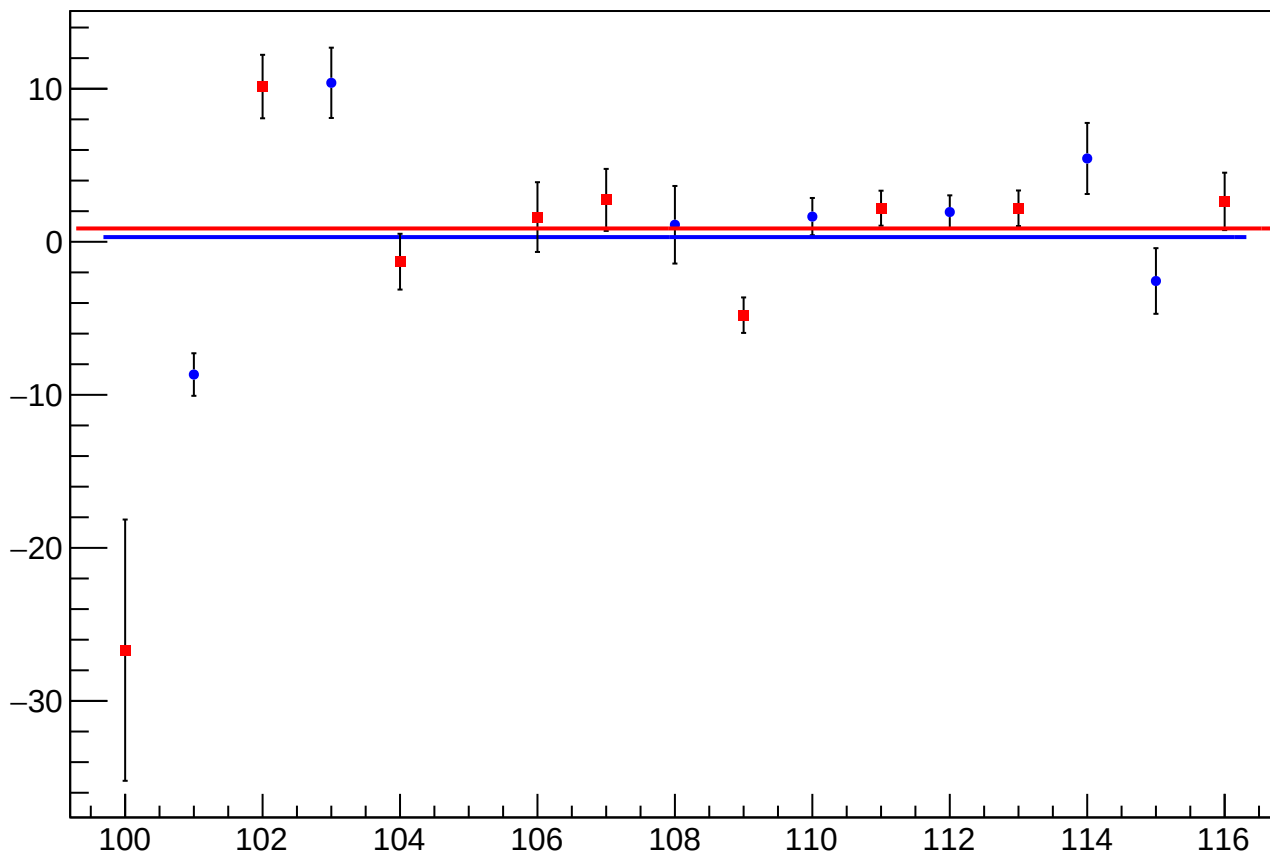
Right: -74.005 $\pm$ 0.322 χ^2 /NDF: 486.8/15

In: -73.522 $\pm$ 0.483 χ^2 /NDF: 68.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.005 $\pm$ 0.322 χ^2 /NDF: 486.8/15

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.600 χ^2/NDF : 71.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.871+/-0.533 χ^2/NDF : 60.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

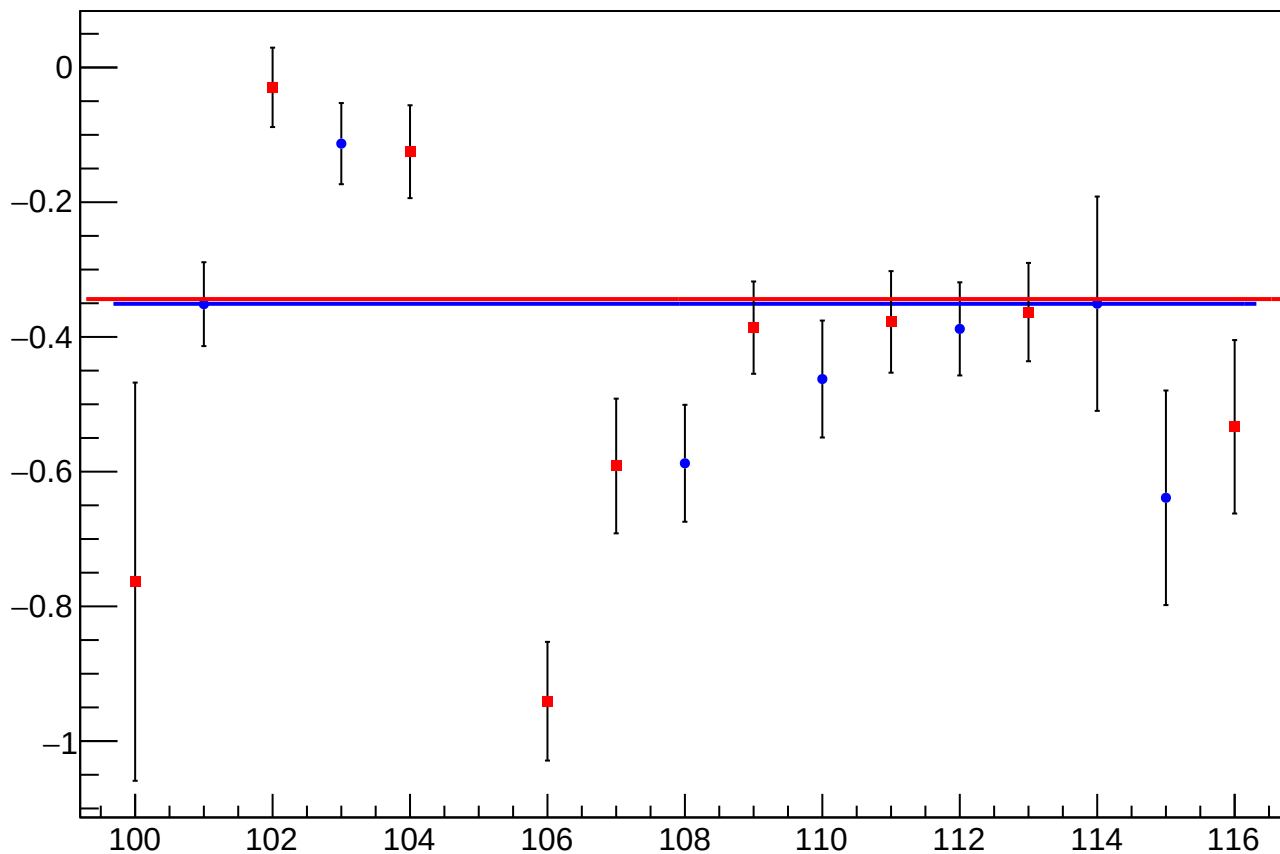
Right: 0.622+/-0.399 χ^2/NDF : 131.9/15

In: 0.307+/-0.600 χ^2/NDF : 71.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.622+/-0.399 χ^2/NDF : 131.9/15

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.351 $\pm$ 0.030 χ^2 /NDF: 28.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.344 $\pm$ 0.027 χ^2 /NDF: 95.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

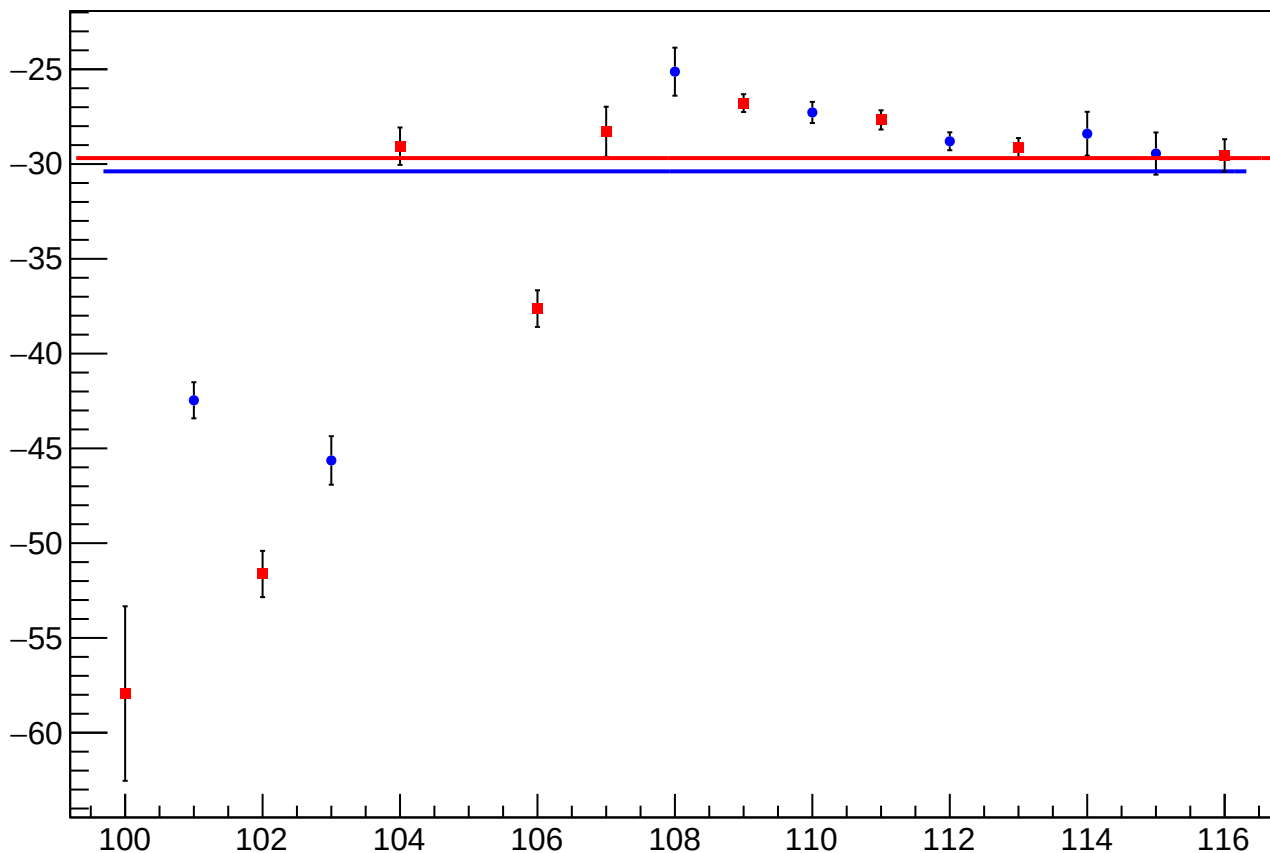
Right: -0.347 $\pm$ 0.020 χ^2 /NDF: 123.7/15

In: -0.351 $\pm$ 0.030 χ^2 /NDF:28.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.347 $\pm$ 0.020 χ^2 /NDF: 123.7/15

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.386+/-0.294 χ^2/NDF : 365.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.685+/-0.244 χ^2/NDF : 485.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

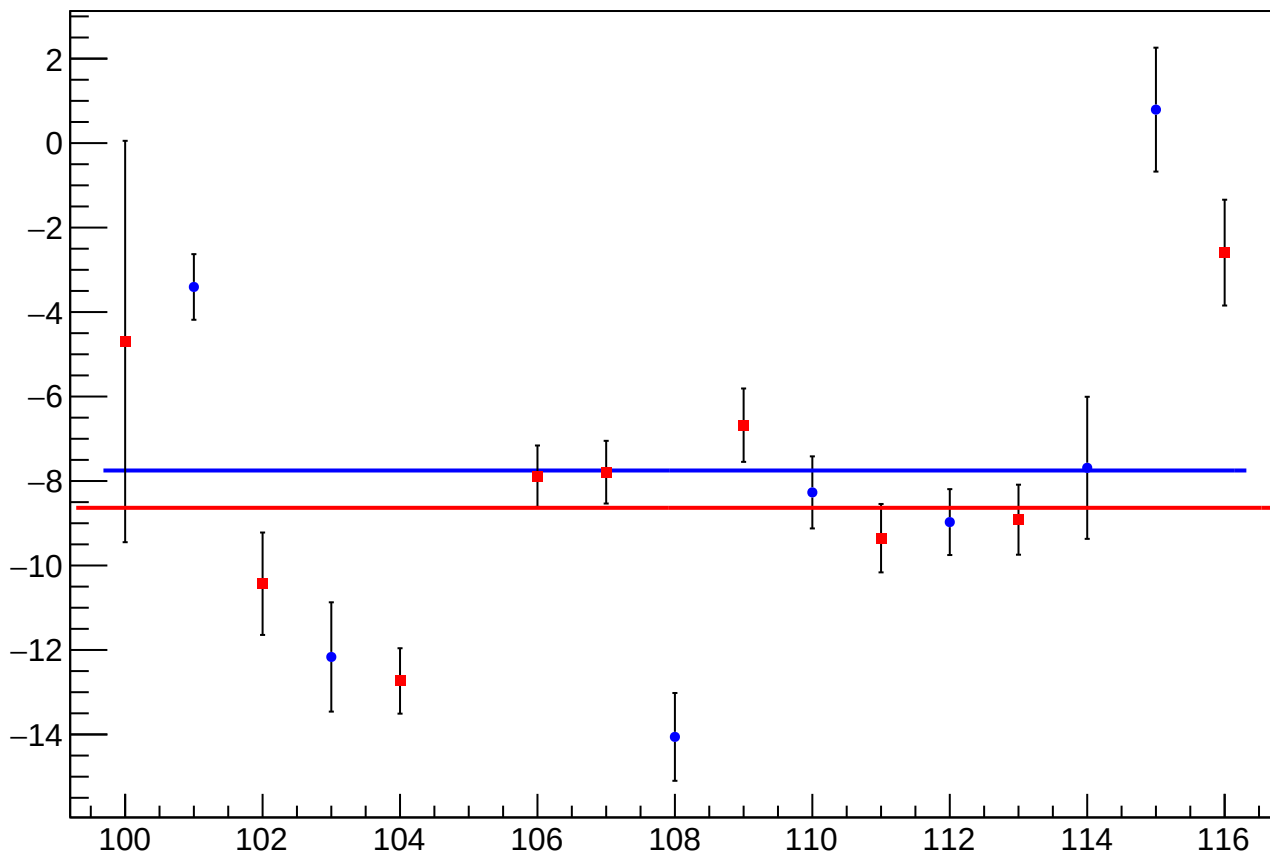
Right: -29.970+/-0.187 χ^2/NDF : 854.4/15

In: -30.386+/-0.294 χ^2/NDF : 365.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.970+/-0.187 χ^2/NDF : 854.4/15

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.751+/-0.378 χ^2/NDF : 116.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.635+/-0.301 χ^2/NDF : 62.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

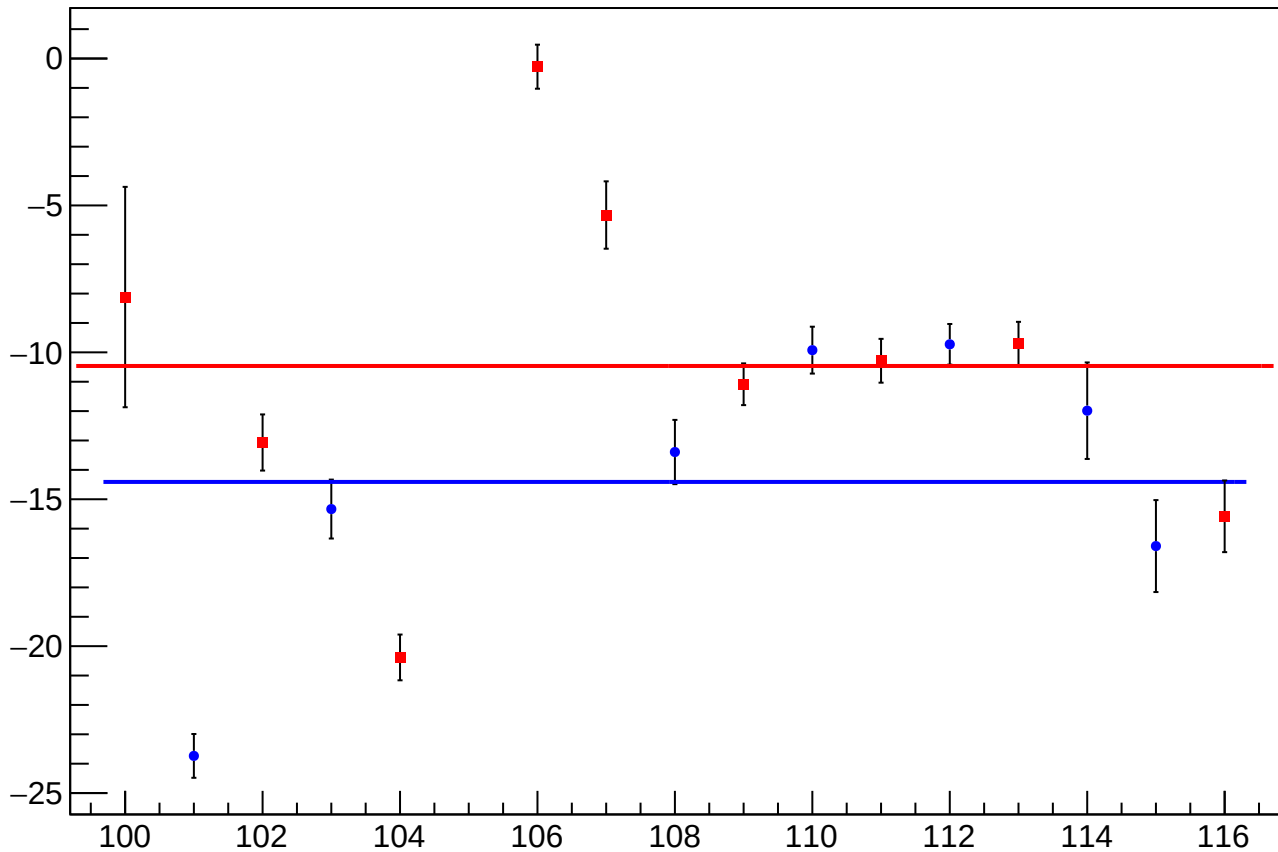
Right: -8.291+/-0.235 χ^2/NDF : 182.3/15

In: -7.751+/-0.378 χ^2/NDF : 116.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.291+/-0.235 χ^2/NDF : 182.3/15

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.410 ± 0.352 χ^2/NDF : 239.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.464 ± 0.293 χ^2/NDF : 394.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

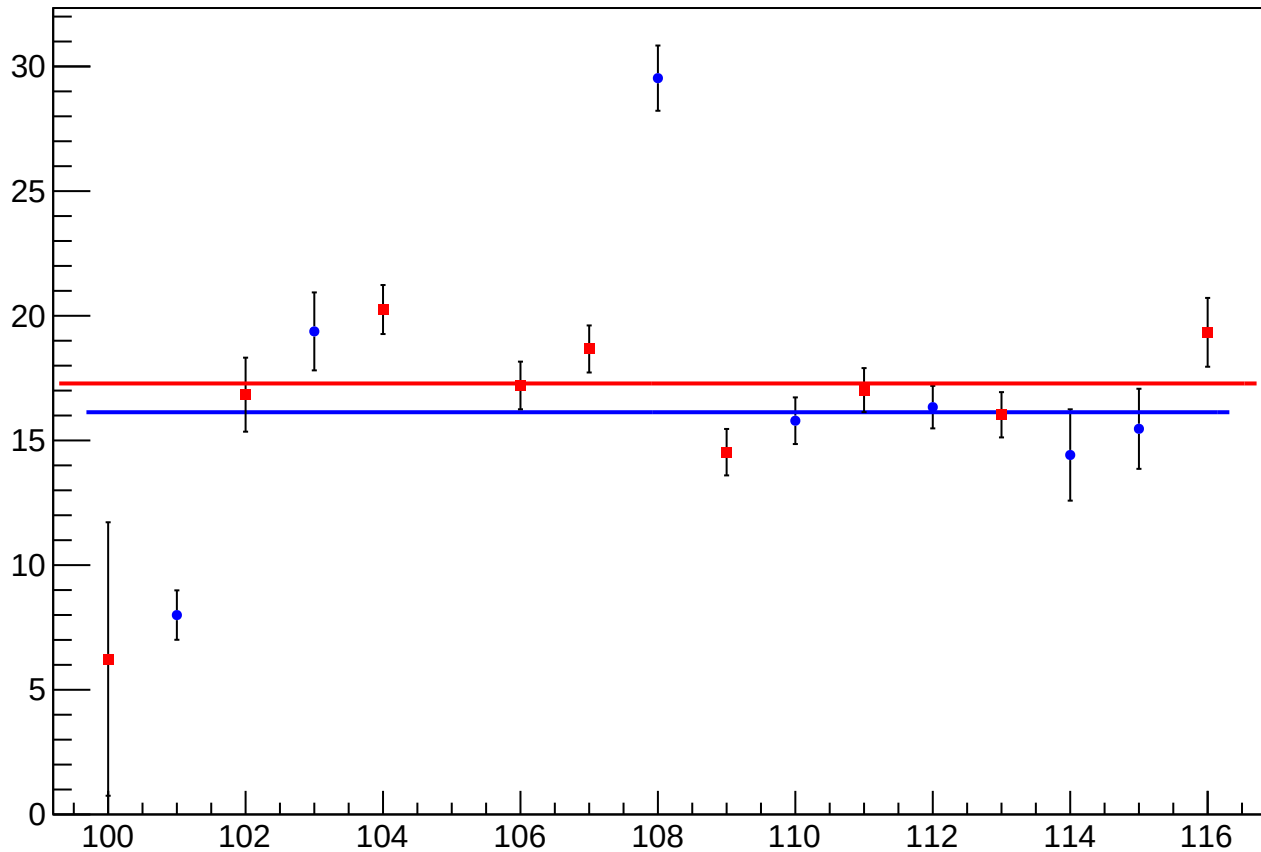
Right: -12.083 ± 0.225 χ^2/NDF : 708.3/15

In: -14.410 ± 0.352 χ^2/NDF : 239.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.083 ± 0.225 χ^2/NDF : 708.3/15

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.132+/-0.438 χ^2/NDF : 177.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.286+/-0.355 χ^2/NDF : 28.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

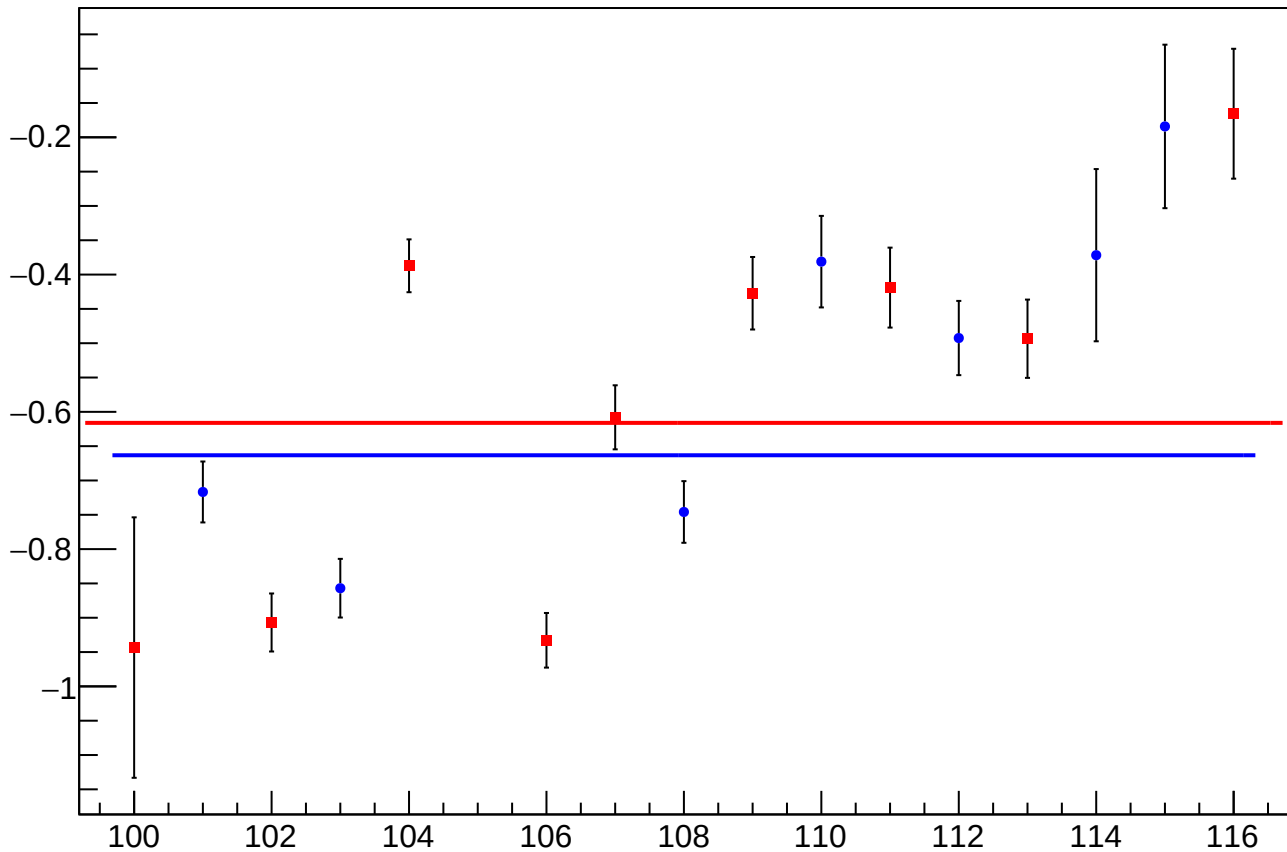
Right: 16.827+/-0.276 χ^2/NDF : 210.4/15

In: 16.132+/-0.438 χ^2/NDF : 177.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.827+/-0.276 χ^2/NDF : 210.4/15

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.663+/-0.021 χ^2/NDF : 74.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.616+/-0.017 χ^2/NDF : 200.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

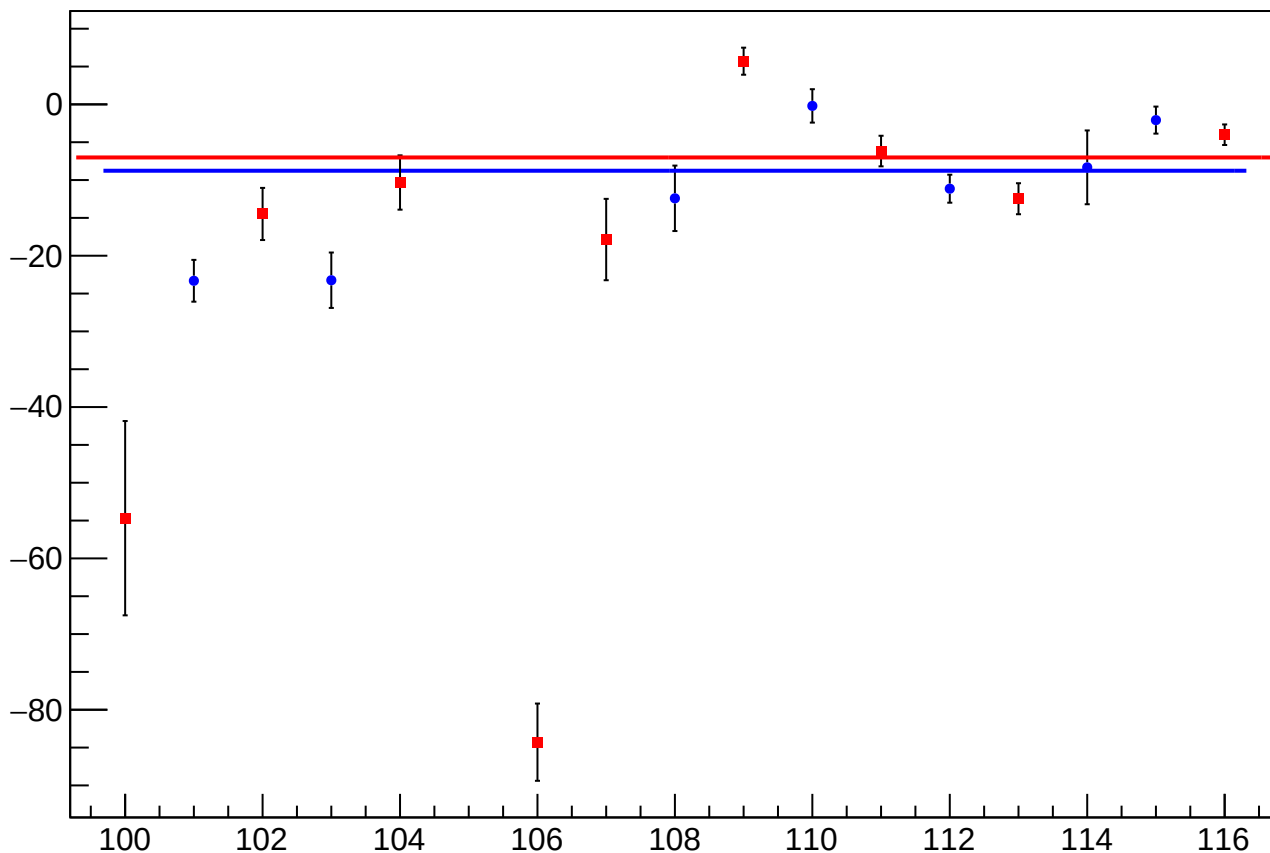
Right: -0.635+/-0.013 χ^2/NDF : 278.4/15

In: -0.663+/-0.021 χ^2/NDF : 74.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.635+/-0.013 χ^2/NDF : 278.4/15

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.769+/-0.948 χ^2/NDF : 74.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.014+/-0.796 χ^2/NDF : 315.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

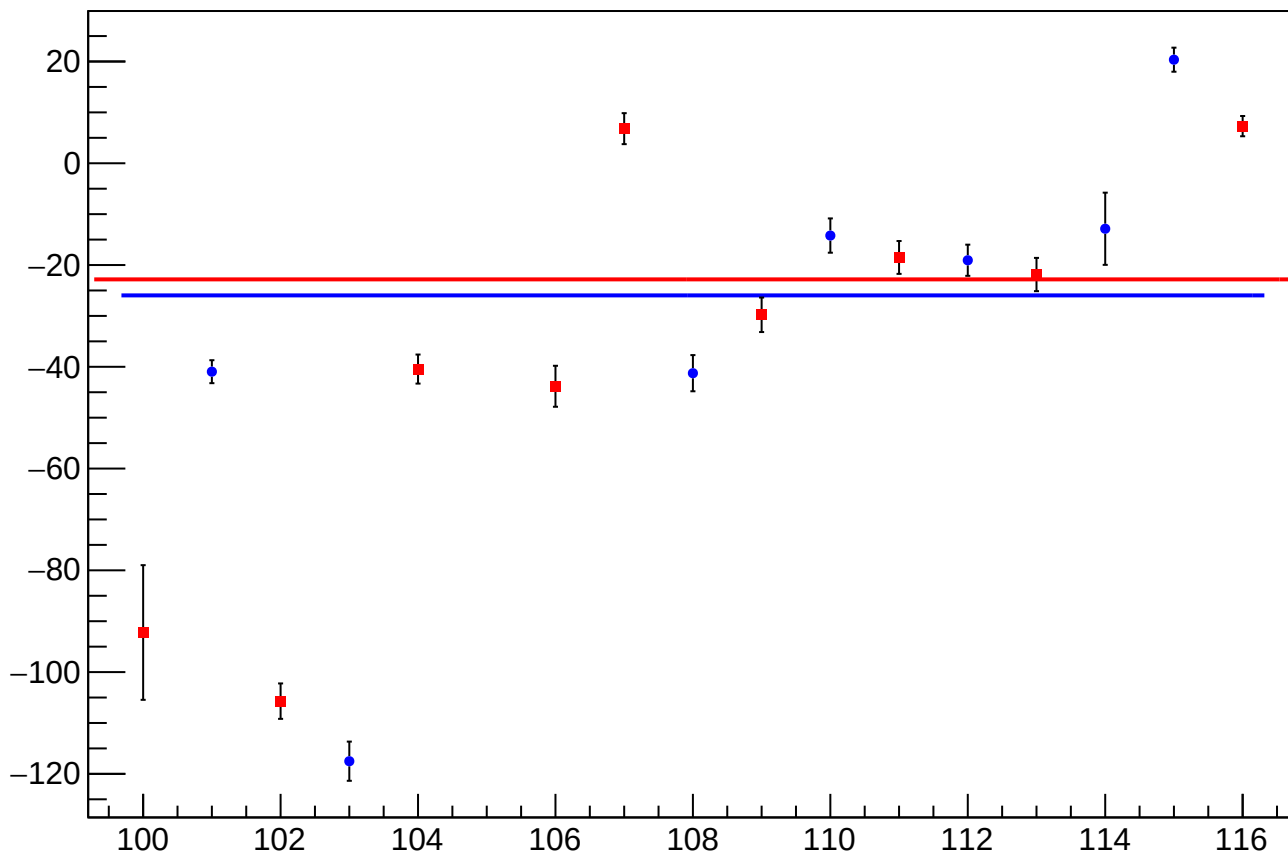
Right: -7.739+/-0.610 χ^2/NDF : 392.2/15

In: -8.769+/-0.948 χ^2/NDF : 74.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.739+/-0.610 χ^2/NDF : 392.2/15

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.967+/-1.165 χ^2/NDF : 1032.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.820+/-1.049 χ^2/NDF : 989.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

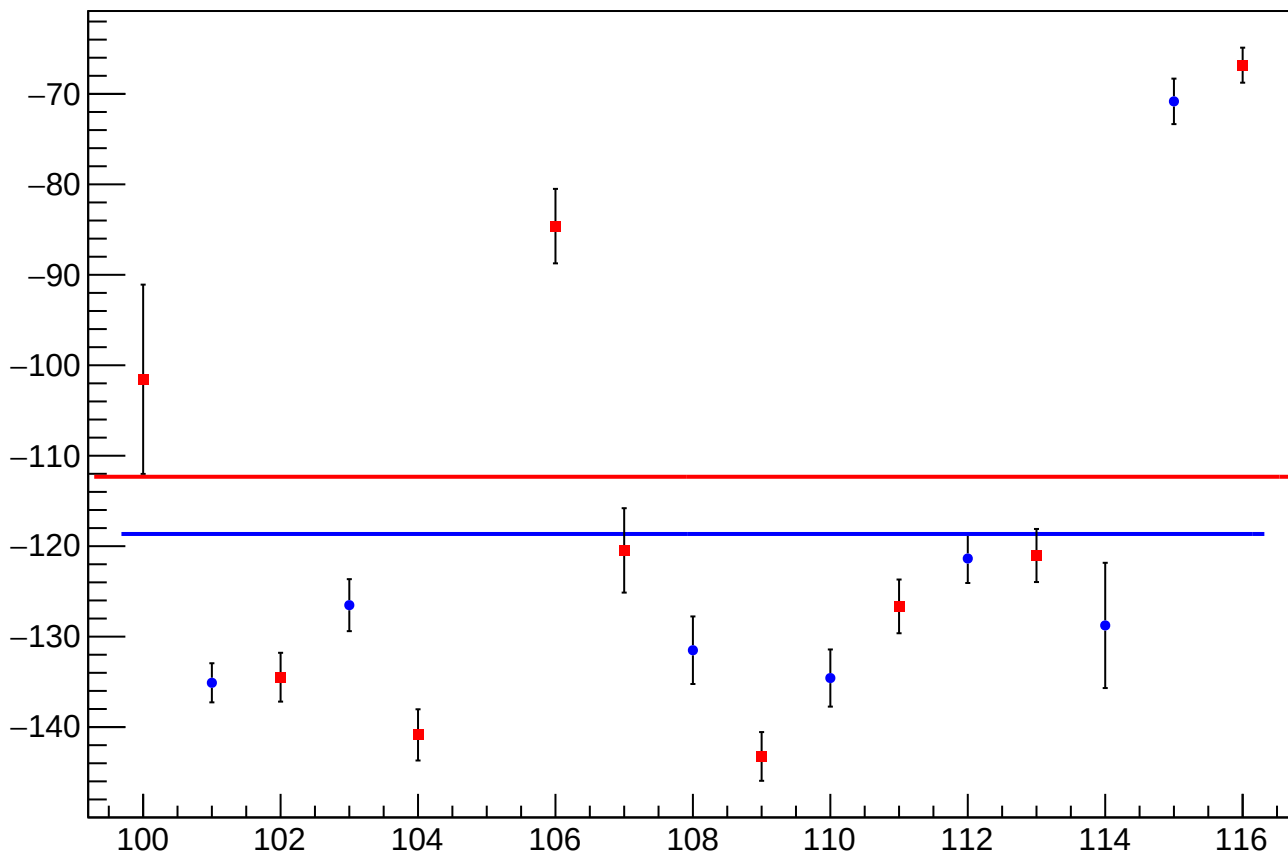
Right: -24.228+/-0.779 χ^2/NDF : 2026.1/15

In: -25.967+/-1.165 χ^2/NDF : 1032.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.228+/-0.779 χ^2/NDF : 2026.1/15

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.651+/-1.103 χ^2/NDF : 467.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -112.326+/-0.995 χ^2/NDF : 934.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

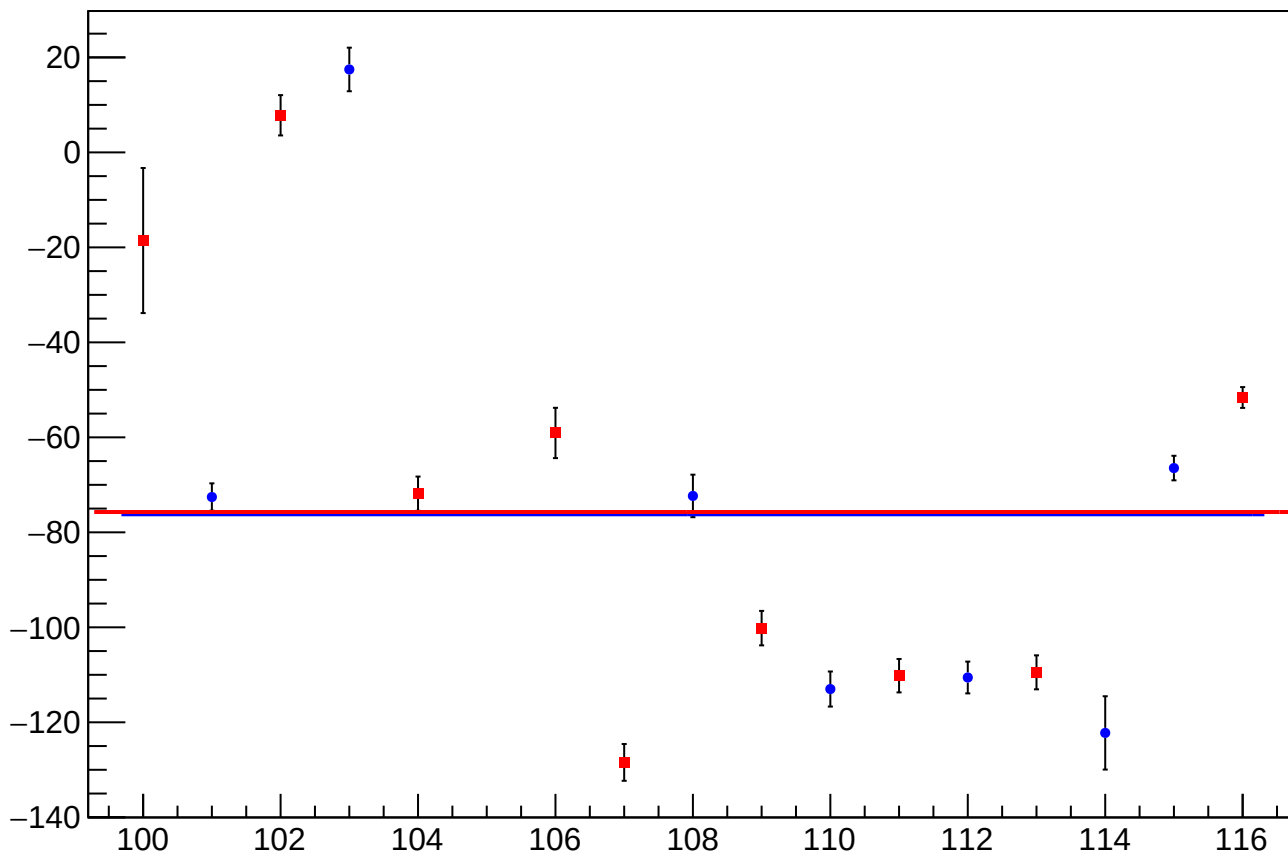
Right: -115.164+/-0.739 χ^2/NDF : 1420.7/15

In: -118.651+/-1.103 χ^2/NDF :467.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -115.164+/-0.739 χ^2/NDF : 1420.7/15

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -76.199+/-1.352 χ^2/NDF : 673.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.722+/-1.211 χ^2/NDF : 949.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

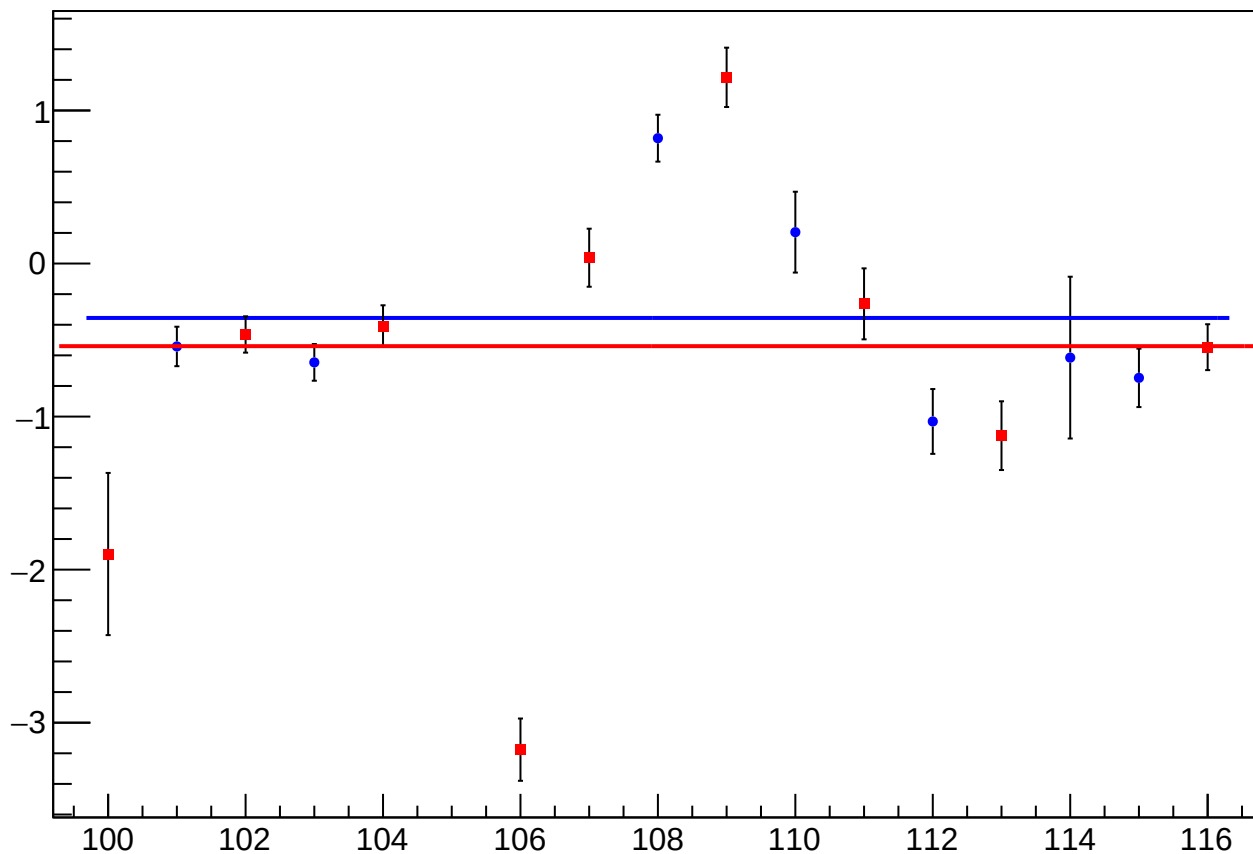
Right: -75.935+/-0.902 χ^2/NDF : 1622.7/15

In: -76.199+/-1.352 χ^2/NDF : 673.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.935+/-0.902 χ^2/NDF : 1622.7/15

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.356+/-0.065 χ^2/NDF : 85.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.540+/-0.059 χ^2/NDF : 275.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

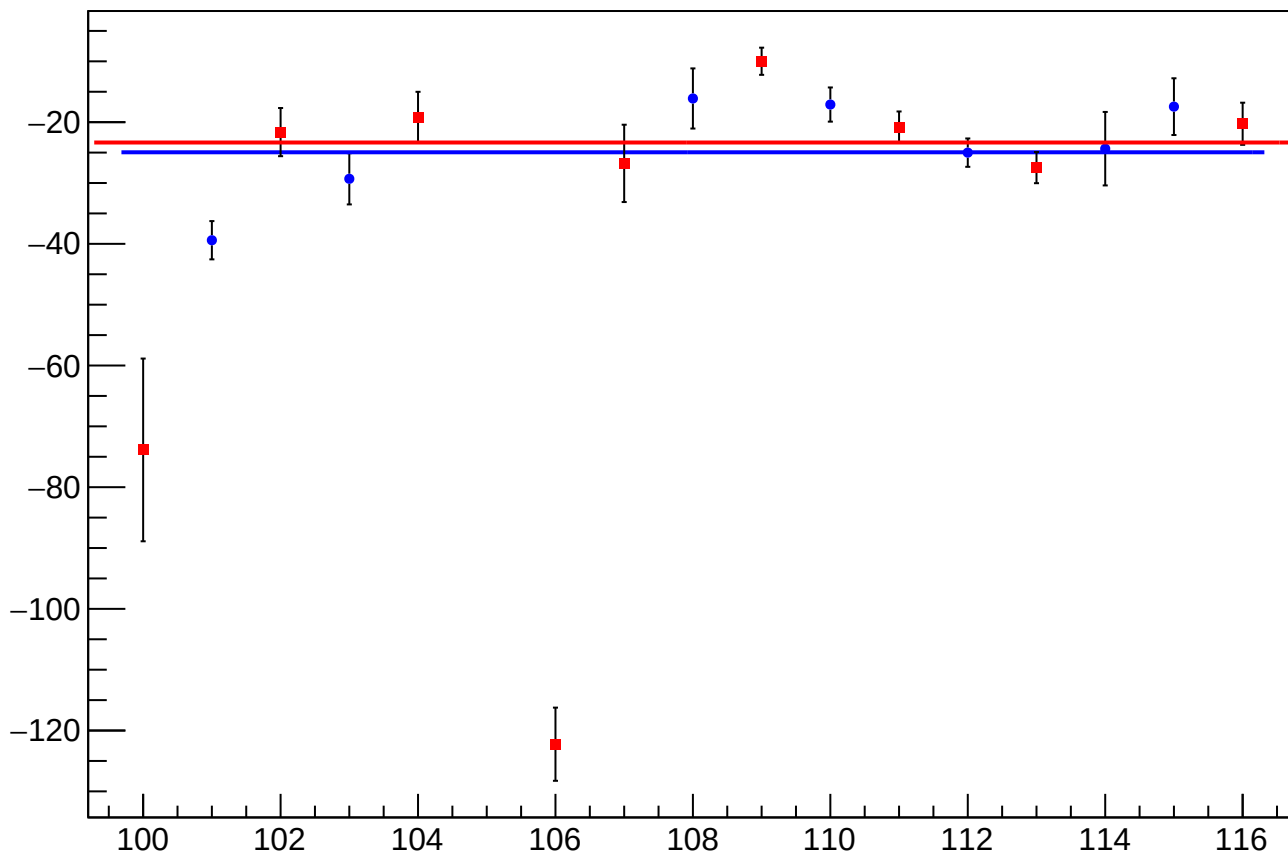
Right: -0.456+/-0.043 χ^2/NDF : 365.8/15

In: -0.356+/-0.065 χ^2/NDF : 85.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.456+/-0.043 χ^2/NDF : 365.8/15

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.950+/-1.310 χ^2/NDF : 35.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.343+/-1.142 χ^2/NDF : 323.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

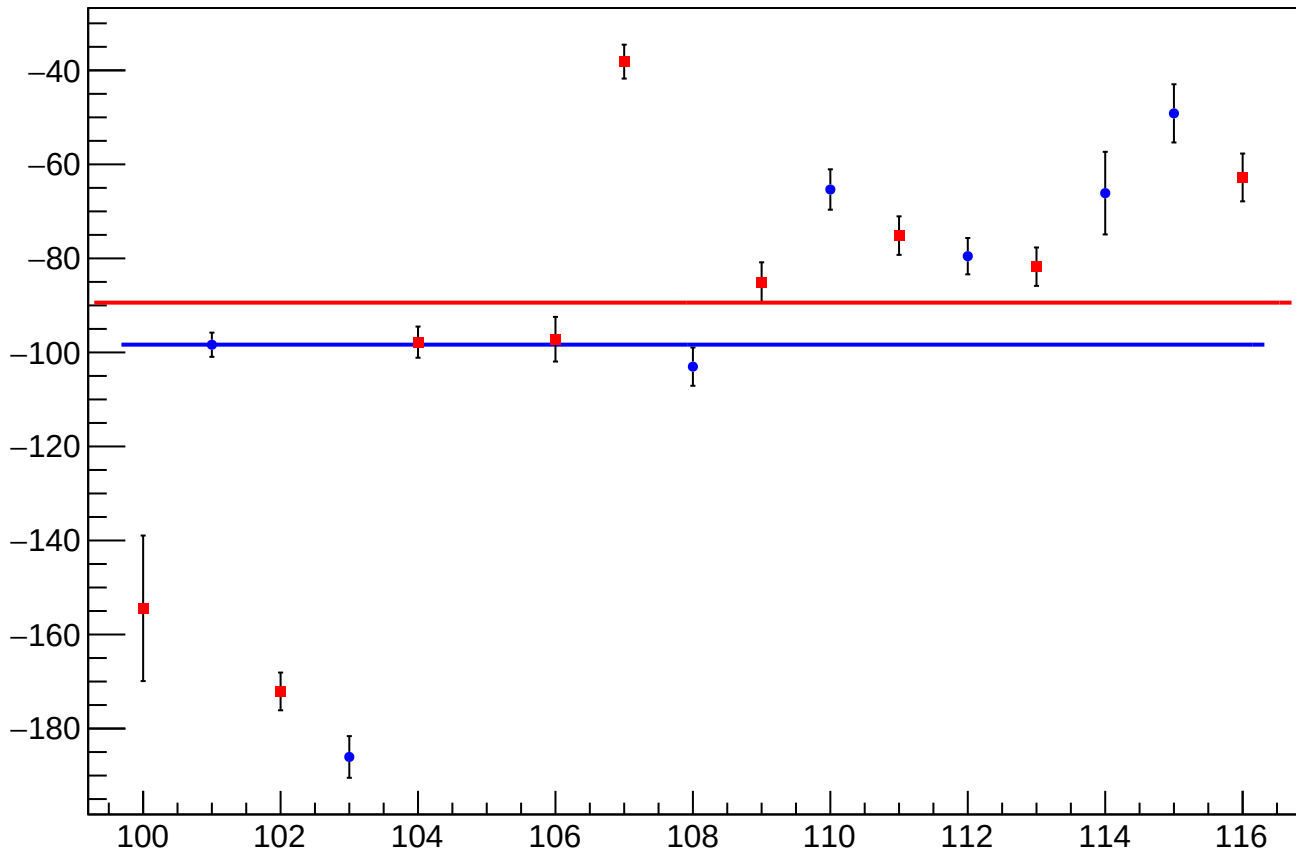
Right: -24.036+/-0.861 χ^2/NDF : 360.0/15

In: -24.950+/-1.310 χ^2/NDF : 35.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.036+/-0.861 χ^2/NDF : 360.0/15

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -98.341+/-1.538 χ^2/NDF : 552.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.407+/-1.424 χ^2/NDF : 697.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

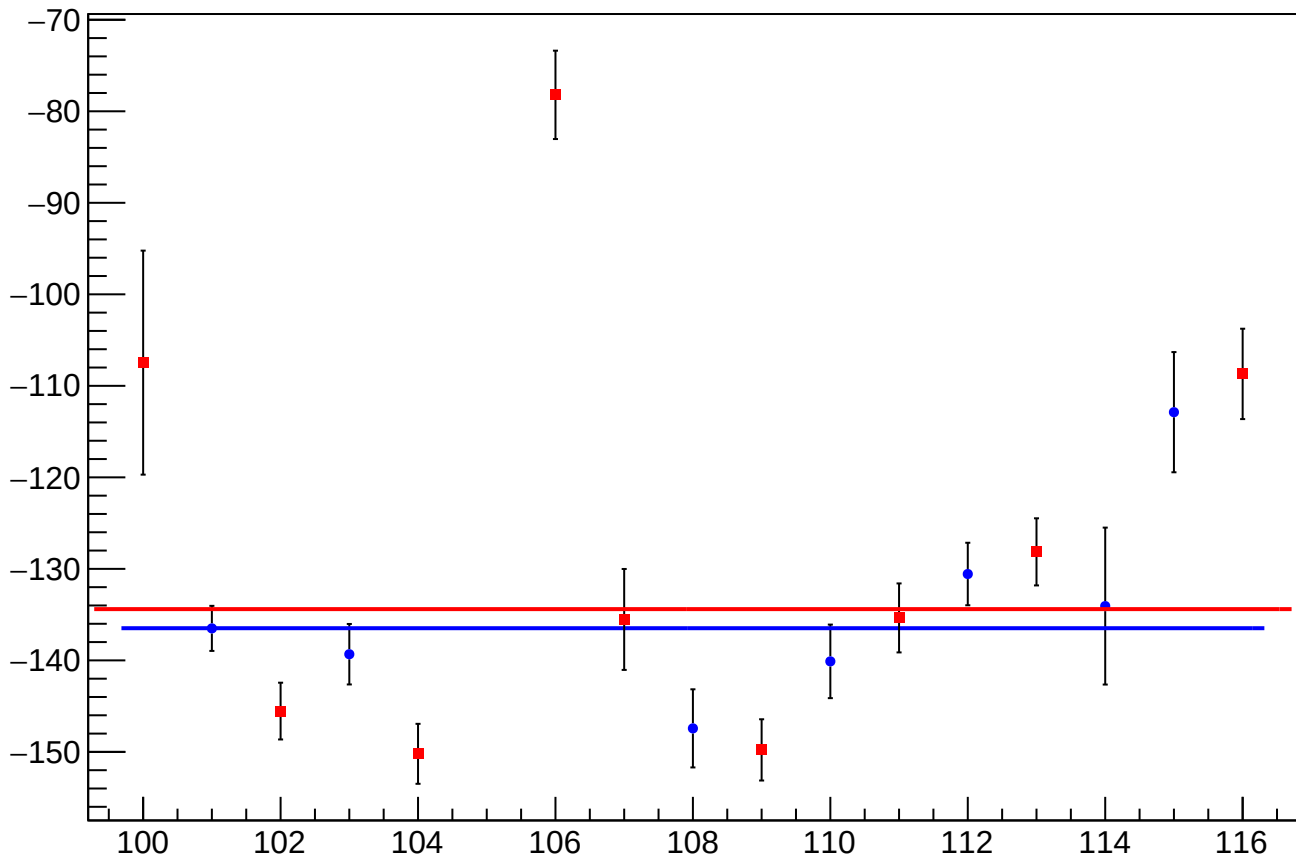
Right: -93.531+/-1.045 χ^2/NDF : 1267.9/15

In: -98.341+/-1.538 χ^2/NDF : 552.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.531+/-1.045 χ^2/NDF : 1267.9/15

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -136.484+/-1.420 χ^2/NDF : 24.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.398+/-1.343 χ^2/NDF : 227.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

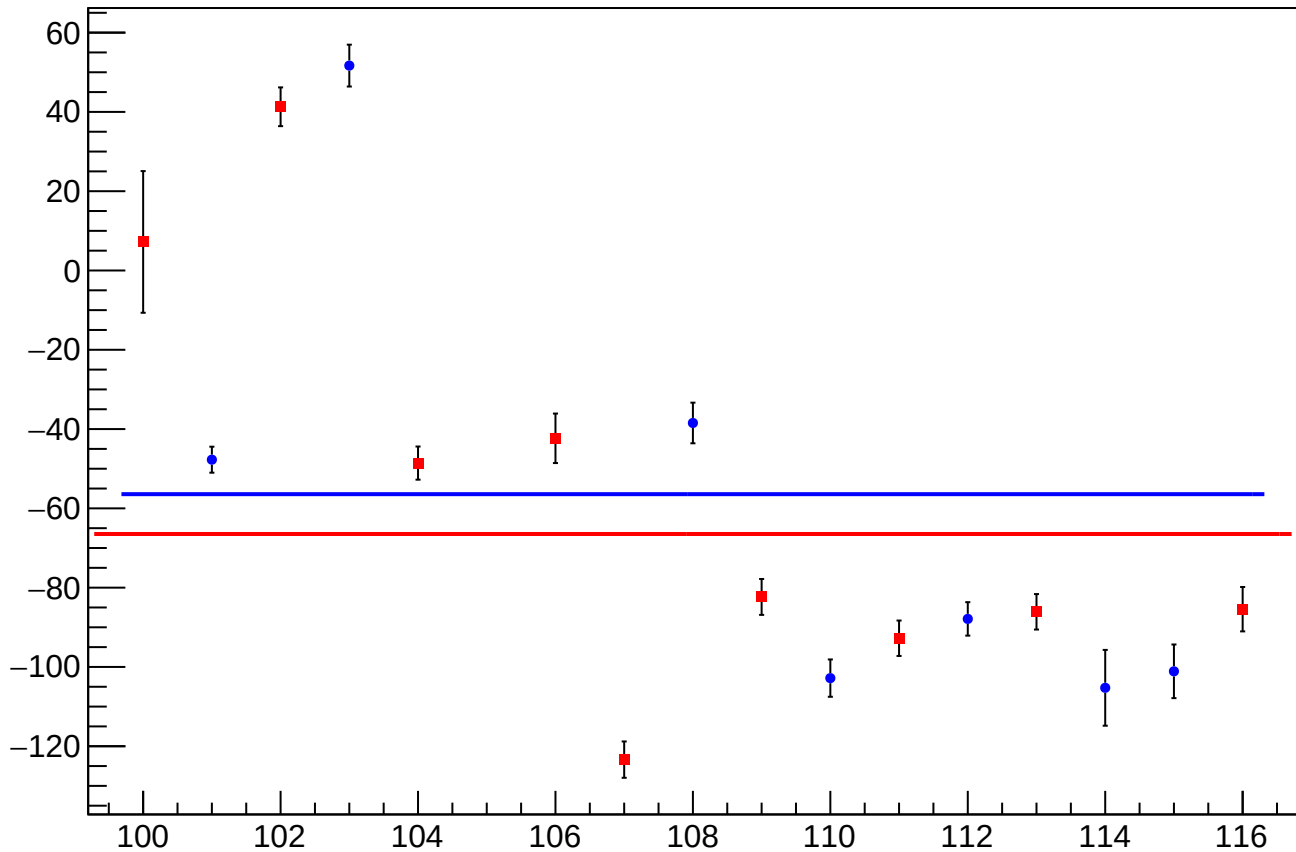
Right: -135.383+/-0.976 χ^2/NDF : 253.0/15

In: -136.484+/-1.420 χ^2/NDF : 24.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.383+/-0.976 χ^2/NDF : 253.0/15

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -56.421 $\pm$ 1.822 χ^2 /NDF: 661.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.467 $\pm$ 1.676 χ^2 /NDF: 768.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

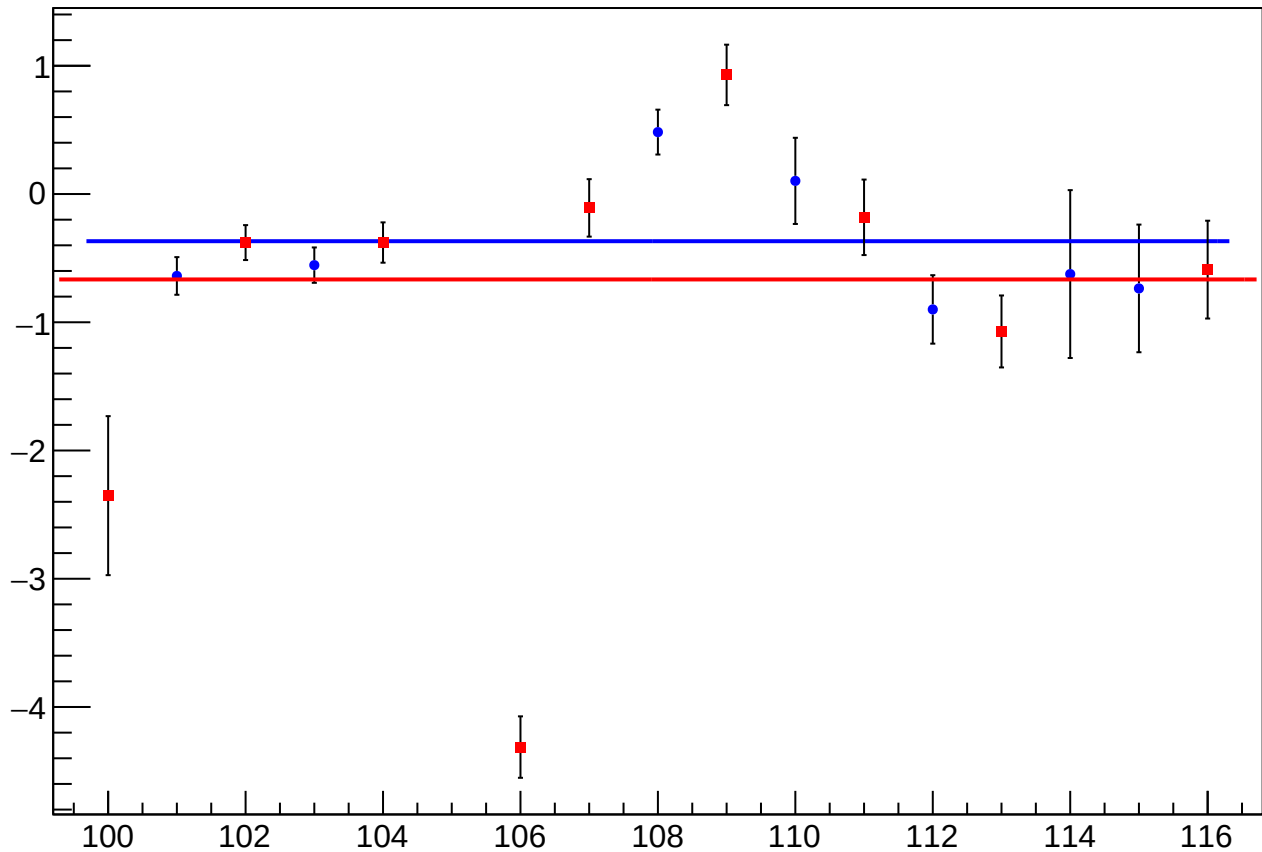
Right: -61.865 $\pm$ 1.233 χ^2 /NDF: 1445.6/15

In: -56.421 $\pm$ 1.822 χ^2 /NDF:661.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.865 $\pm$ 1.233 χ^2 /NDF: 1445.6/15

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.368 ± 0.079 χ^2/NDF : 35.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.666 ± 0.074 χ^2/NDF : 303.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

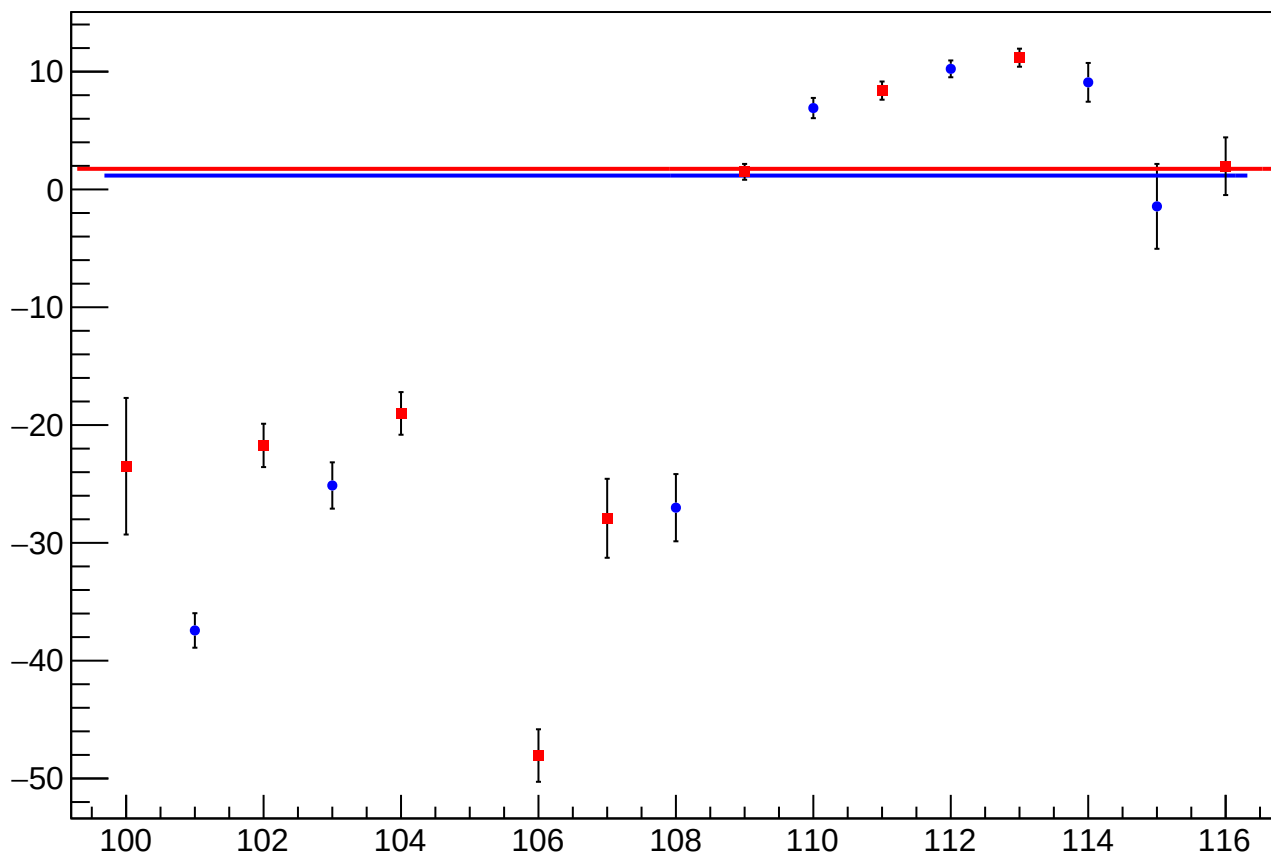
Right: -0.527 ± 0.054 χ^2/NDF : 346.8/15

In: -0.368 ± 0.079 χ^2/NDF : 35.5/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.527 ± 0.054 χ^2/NDF : 346.8/15

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.177+/-0.466 χ^2/NDF : 1200.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.750+/-0.387 χ^2/NDF : 1116.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

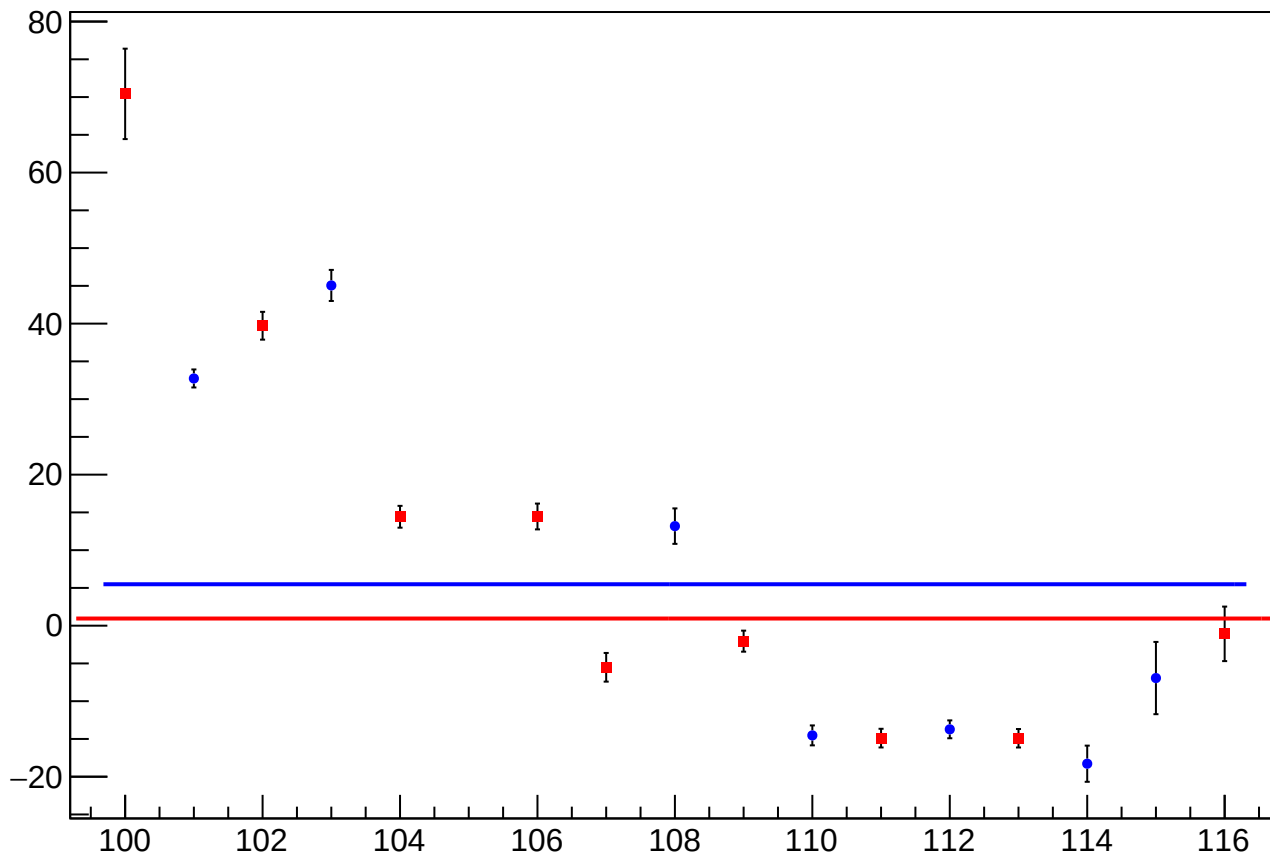
Right: 1.516+/-0.298 χ^2/NDF : 2318.2/15

In: 1.177+/-0.466 χ^2/NDF : 1200.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.516+/-0.298 χ^2/NDF : 2318.2/15

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.486+/-0.617 χ^2/NDF : 1500.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.947+/-0.547 χ^2/NDF : 1076.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

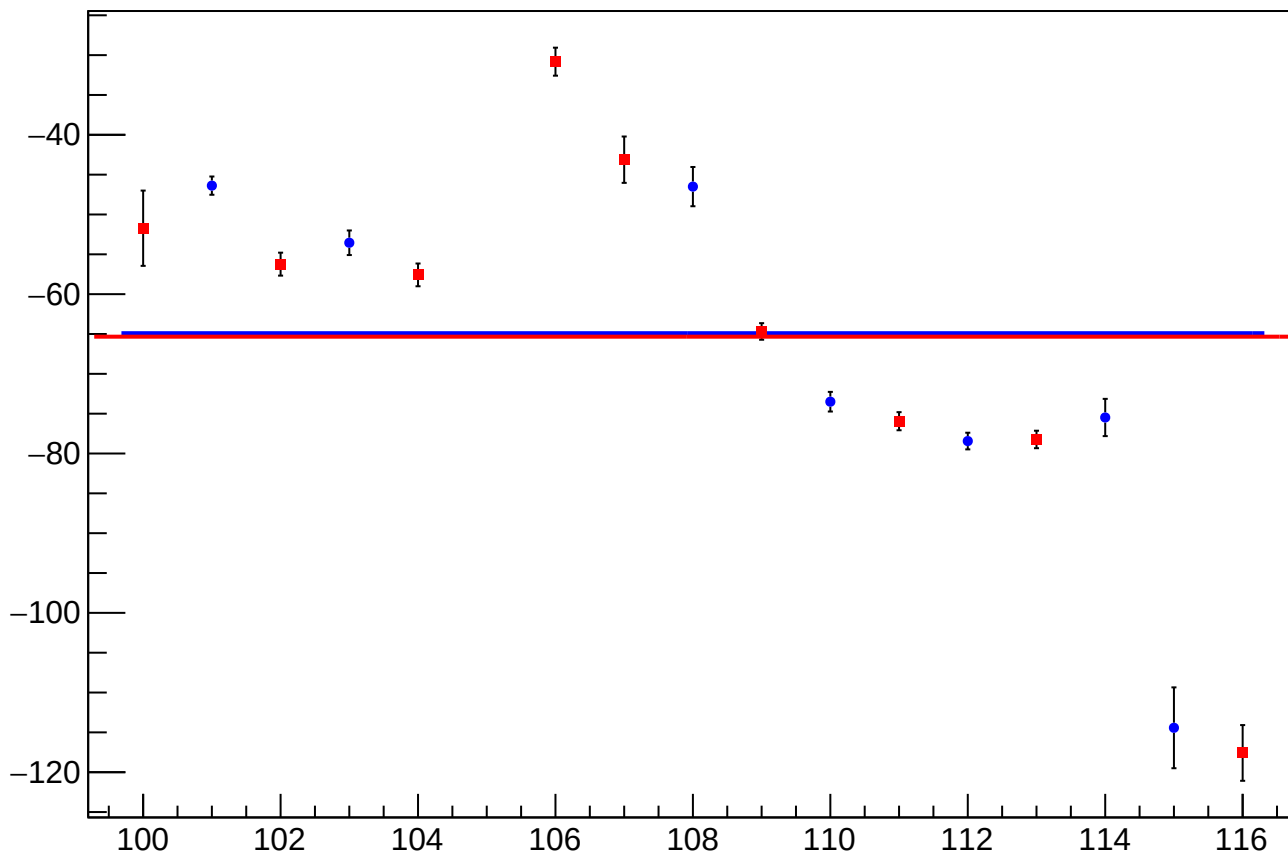
Right: 2.946+/-0.410 χ^2/NDF : 2607.2/15

In: 5.486+/-0.617 χ^2/NDF : 1500.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.946+/-0.410 χ^2/NDF : 2607.2/15

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.899+/-0.564 χ^2/NDF : 703.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.337+/-0.496 χ^2/NDF : 970.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

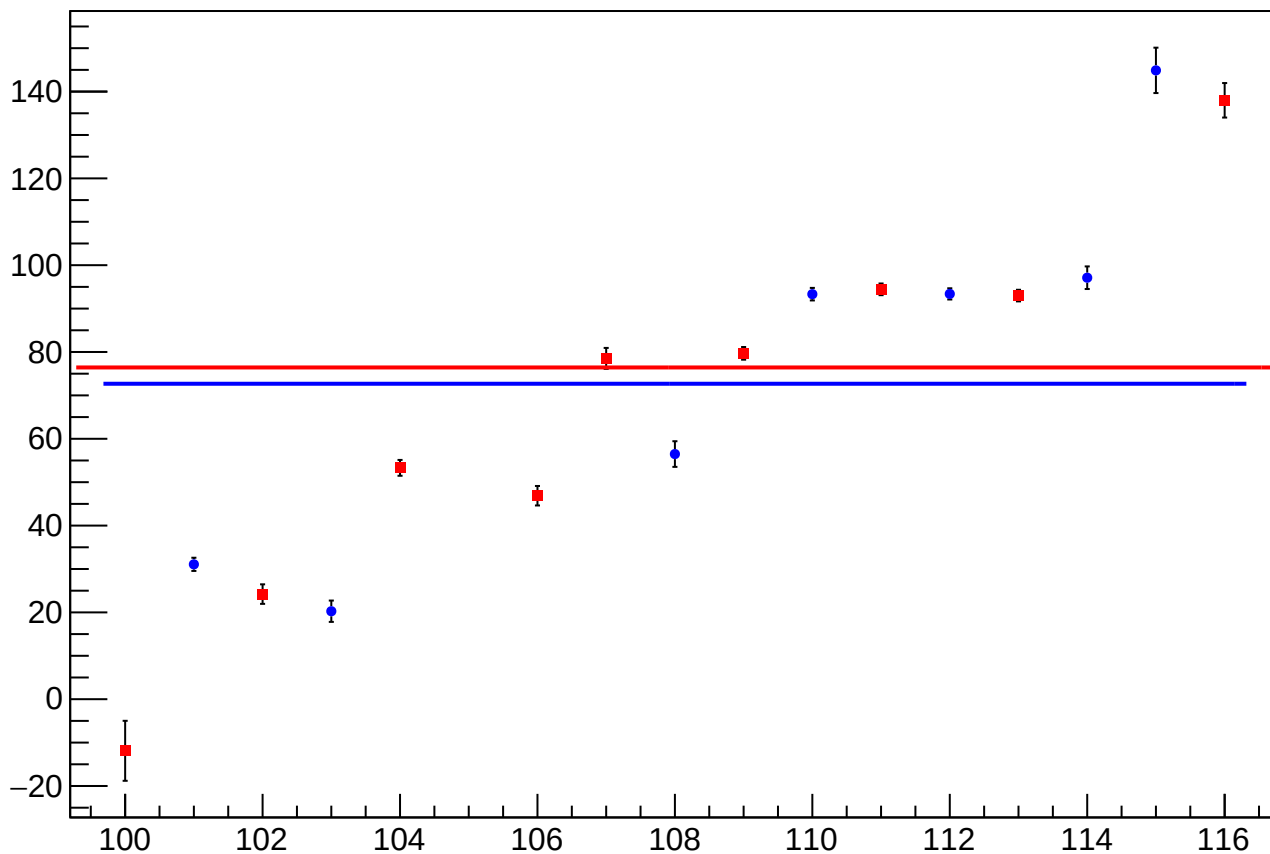
Right: -65.146+/-0.372 χ^2/NDF : 1674.5/15

In: -64.899+/-0.564 χ^2/NDF : 703.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.146+/-0.372 χ^2/NDF : 1674.5/15

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.681+/-0.712 χ^2 /NDF: 1972.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 76.435+/-0.628 χ^2 /NDF: 1613.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

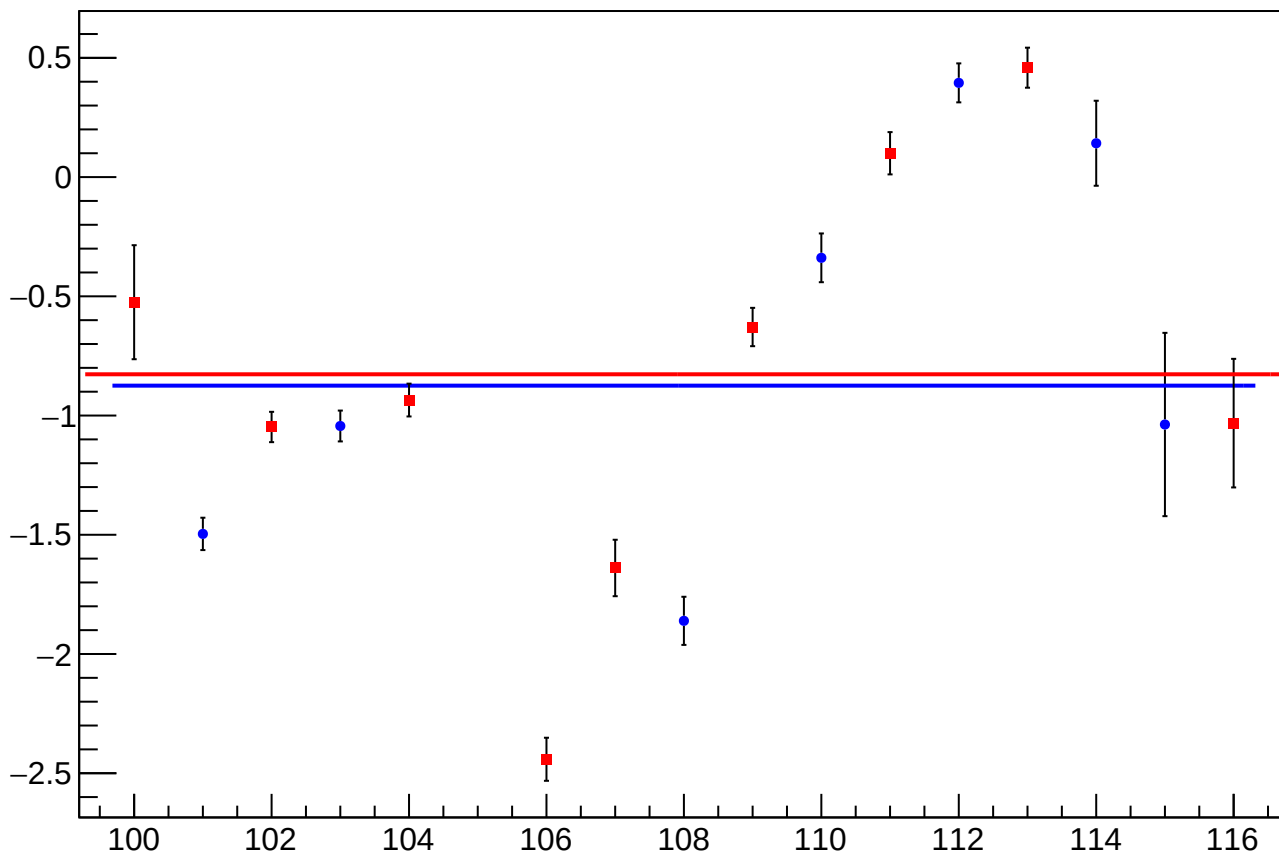
Right: 74.791+/-0.471 χ^2 /NDF: 3601.2/15

In: 72.681+/-0.712 χ^2 /NDF:1972.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 74.791+/-0.471 χ^2 /NDF: 3601.2/15

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.875+/-0.035 χ^2/NDF : 487.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.827+/-0.030 χ^2/NDF : 733.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

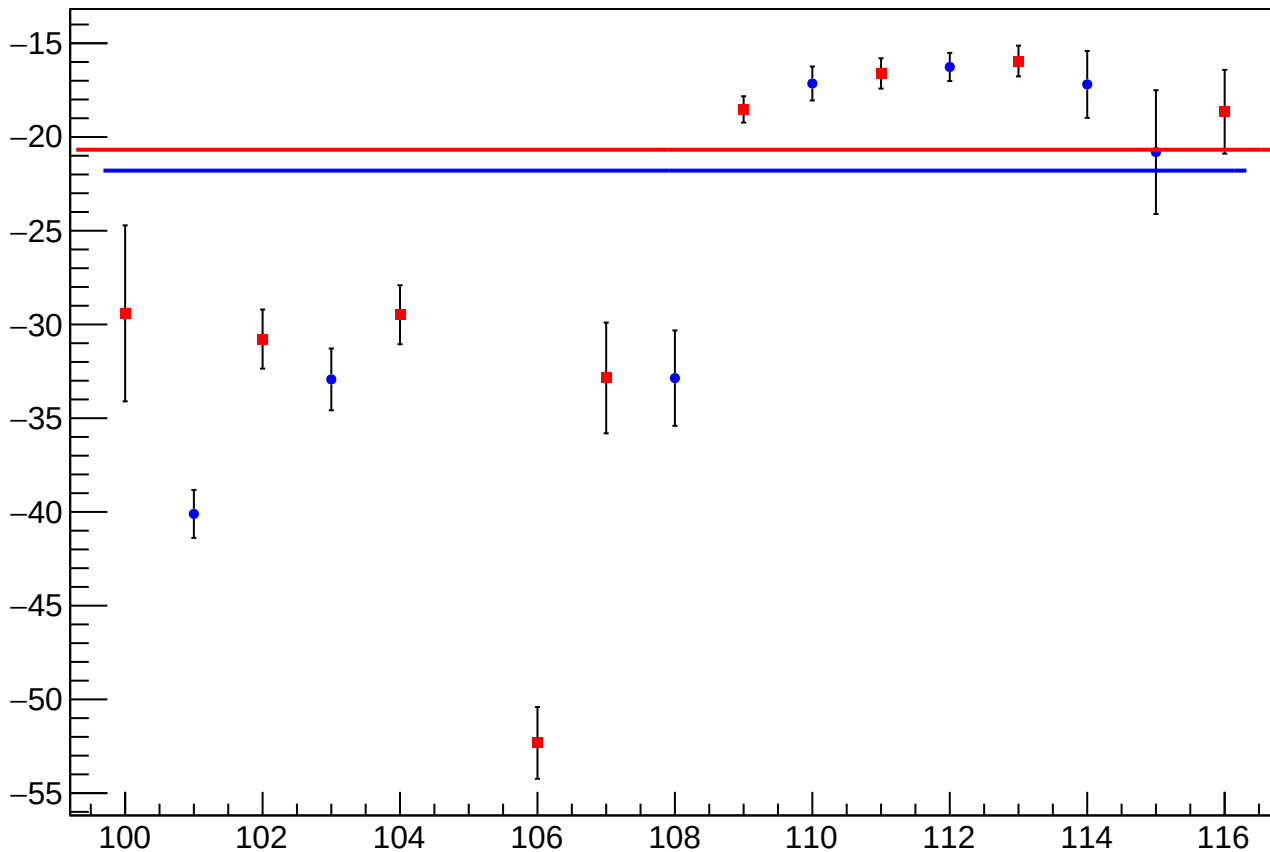
Right: -0.847+/-0.023 χ^2/NDF : 1222.3/15

In: -0.875+/-0.035 χ^2/NDF : 487.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.847+/-0.023 χ^2/NDF : 1222.3/15

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.793 $\pm$ 0.470 χ^2 /NDF: 356.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.679 $\pm$ 0.393 χ^2 /NDF: 434.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

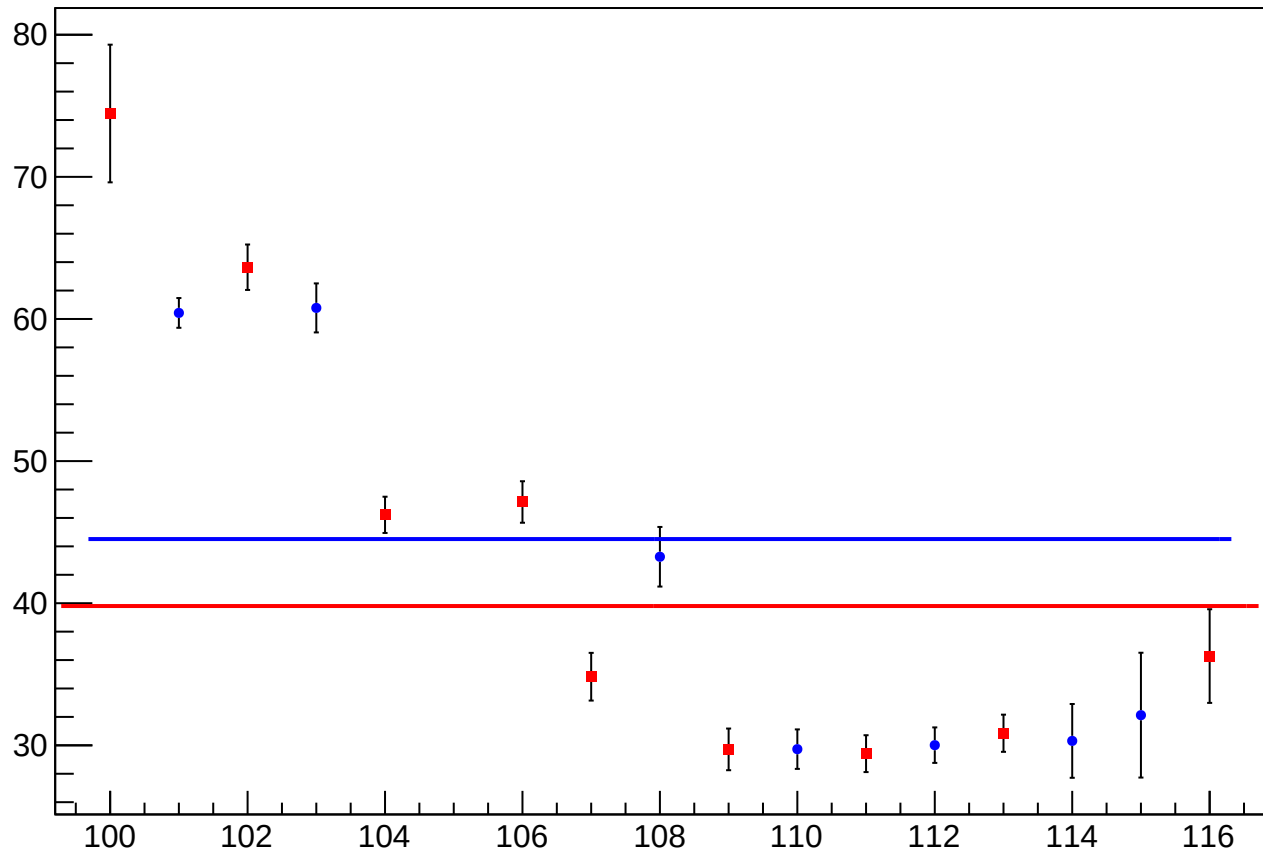
Right: -21.137 $\pm$ 0.301 χ^2 /NDF: 794.5/15

In: -21.793 $\pm$ 0.470 χ^2 /NDF:356.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.137 $\pm$ 0.301 χ^2 /NDF: 794.5/15

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 44.514+/-0.594 χ^2/NDF : 606.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.802+/-0.526 χ^2/NDF : 492.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

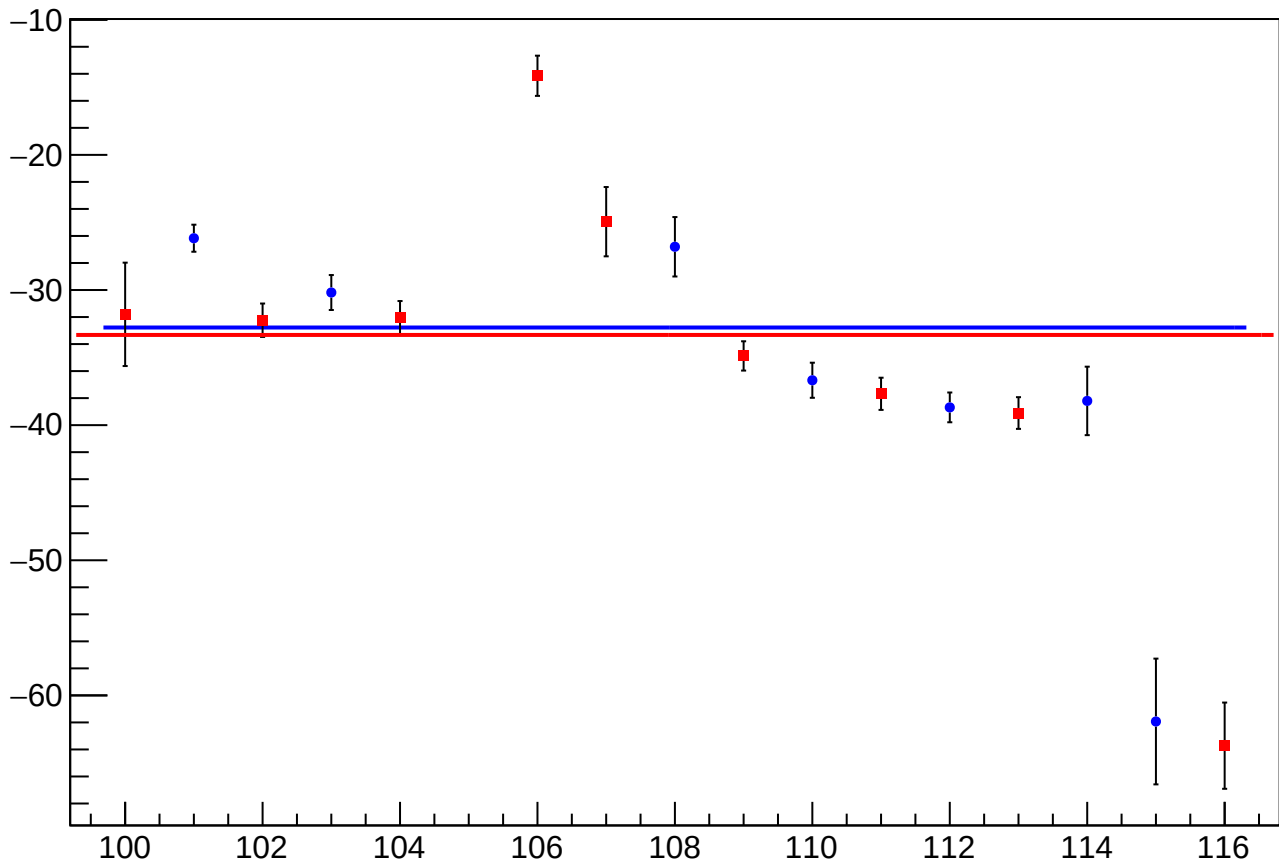
Right: 41.875+/-0.394 χ^2/NDF : 1134.0/15

In: 44.514+/-0.594 χ^2/NDF : 606.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.875+/-0.394 χ^2/NDF : 1134.0/15

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.775 $\pm$ 0.541 χ^2 /NDF: 136.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.325 $\pm$ 0.479 χ^2 /NDF: 309.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

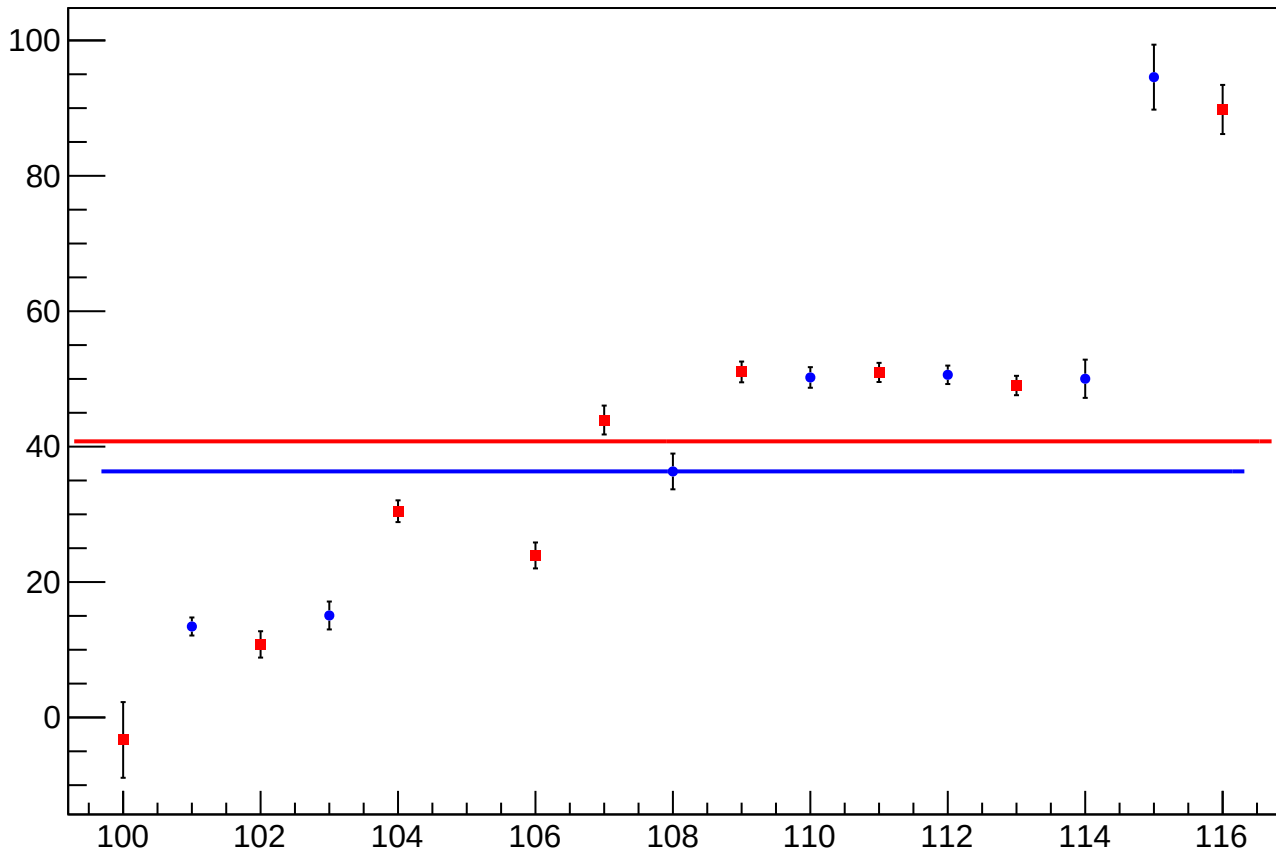
Right: -33.083 $\pm$ 0.359 χ^2 /NDF: 446.4/15

In: -32.775 $\pm$ 0.541 χ^2 /NDF:136.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.083 $\pm$ 0.359 χ^2 /NDF: 446.4/15

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.345+/-0.693 χ^2/NDF : 766.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.781+/-0.612 χ^2/NDF : 732.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

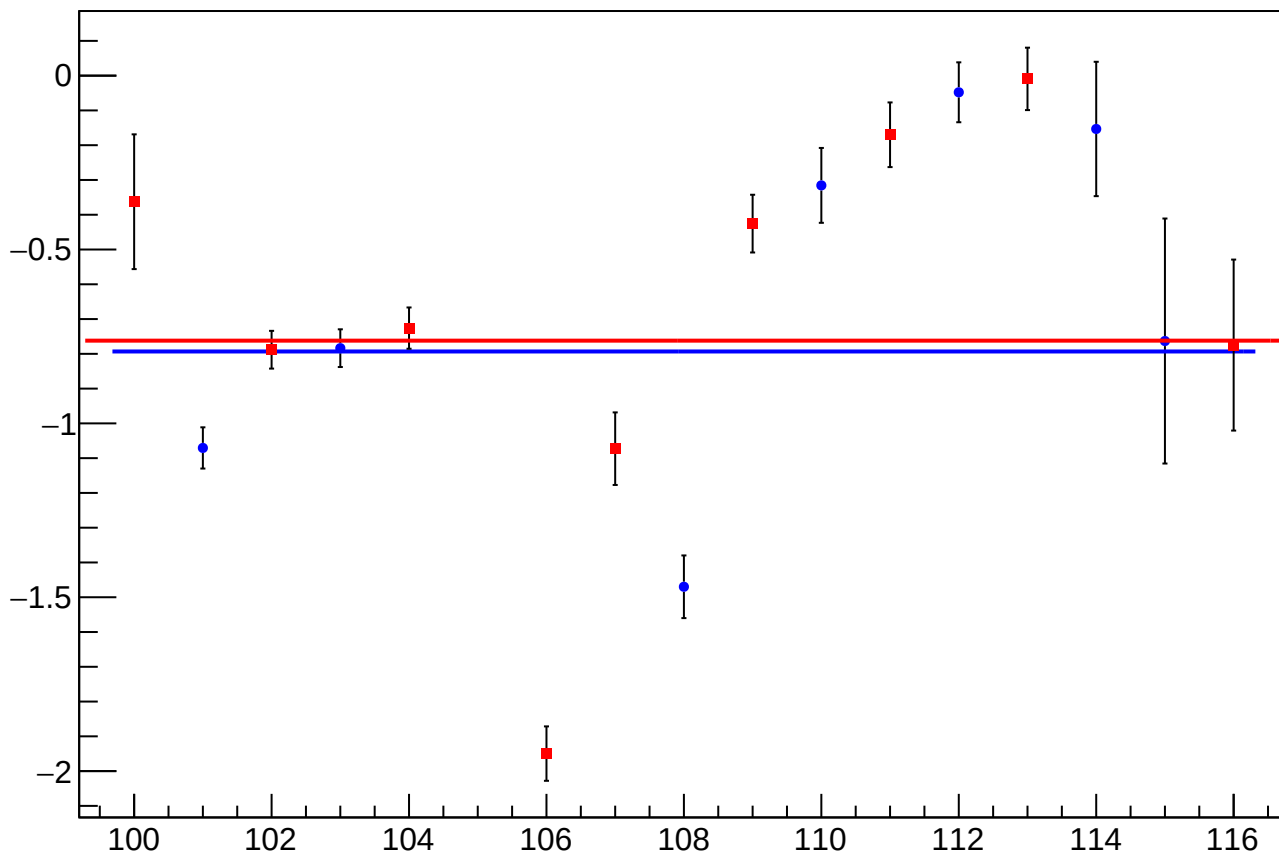
Right: 38.836+/-0.459 χ^2/NDF : 1521.7/15

In: 36.345+/-0.693 χ^2/NDF : 766.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.836+/-0.459 χ^2/NDF : 1521.7/15

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.793 ± 0.032 χ^2/NDF : 183.8/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.762 ± 0.028 χ^2/NDF : 371.5/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

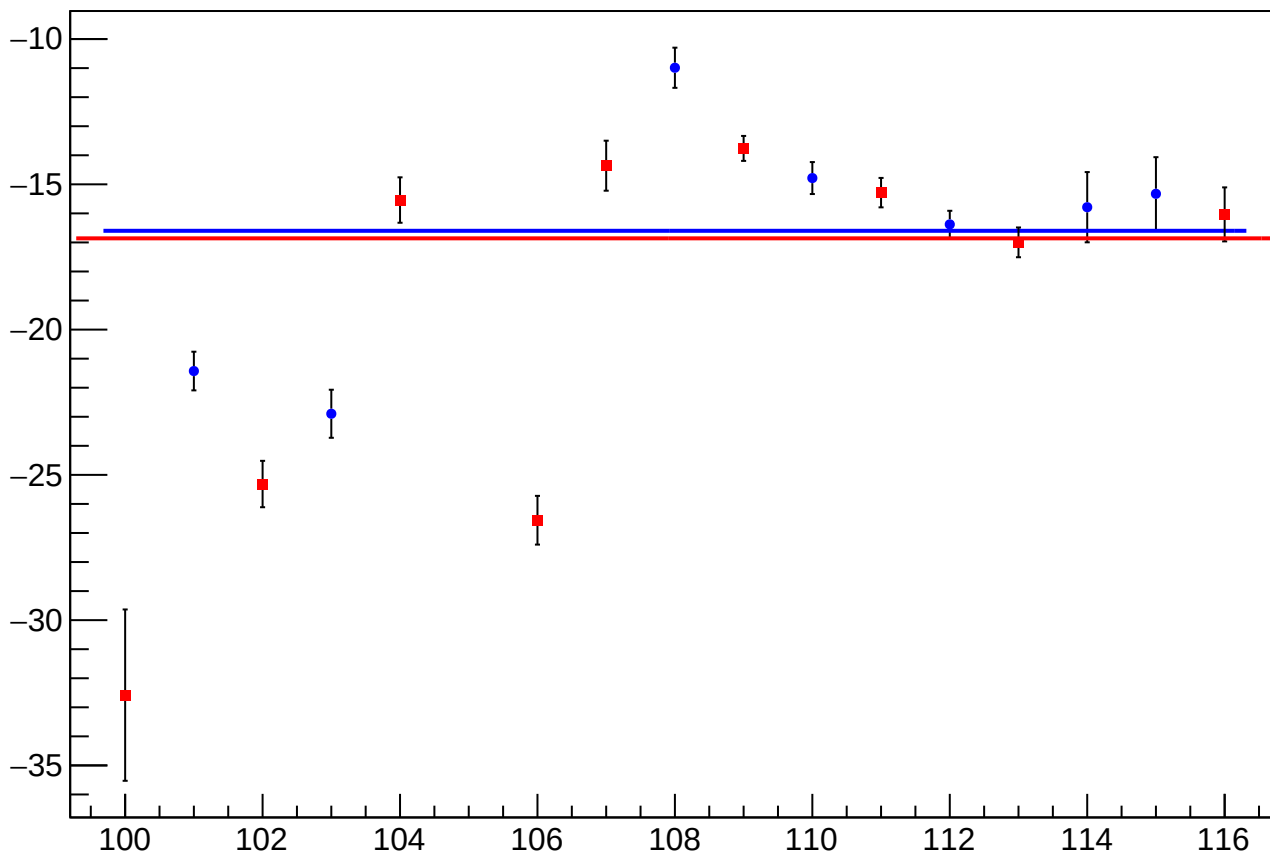
Right: -0.776 ± 0.021 χ^2/NDF : 555.9/15

In: -0.793 ± 0.032 χ^2/NDF : 183.8/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.776 ± 0.021 χ^2/NDF : 555.9/15

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.599 $\pm$ 0.258 χ^2 /NDF: 189.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.859 $\pm$ 0.222 χ^2 /NDF: 348.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

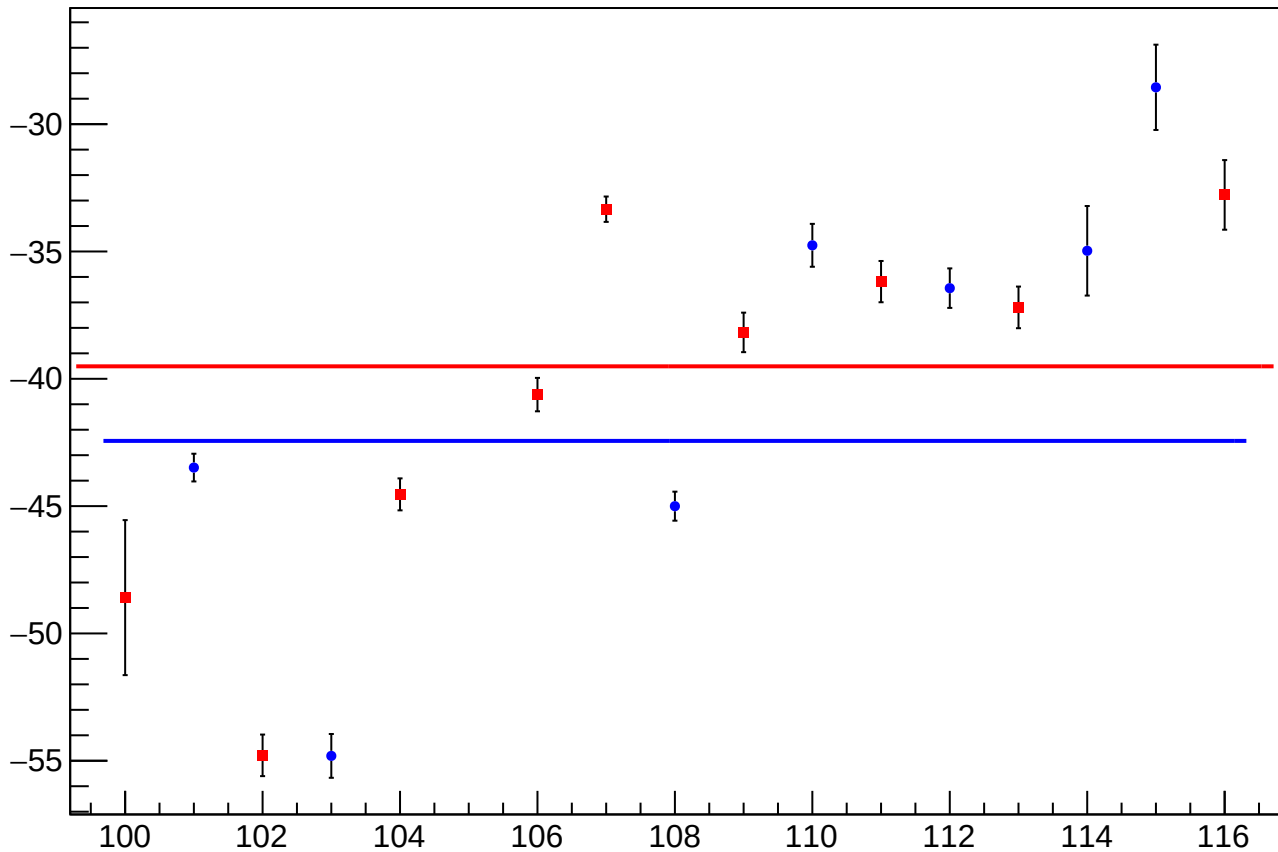
Right: -16.749 $\pm$ 0.168 χ^2 /NDF: 537.8/15

In: -16.599 $\pm$ 0.258 χ^2 /NDF: 189.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.749 $\pm$ 0.168 χ^2 /NDF: 537.8/15

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.439+/-0.294 χ^2/NDF : 460.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.510+/-0.252 χ^2/NDF : 631.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

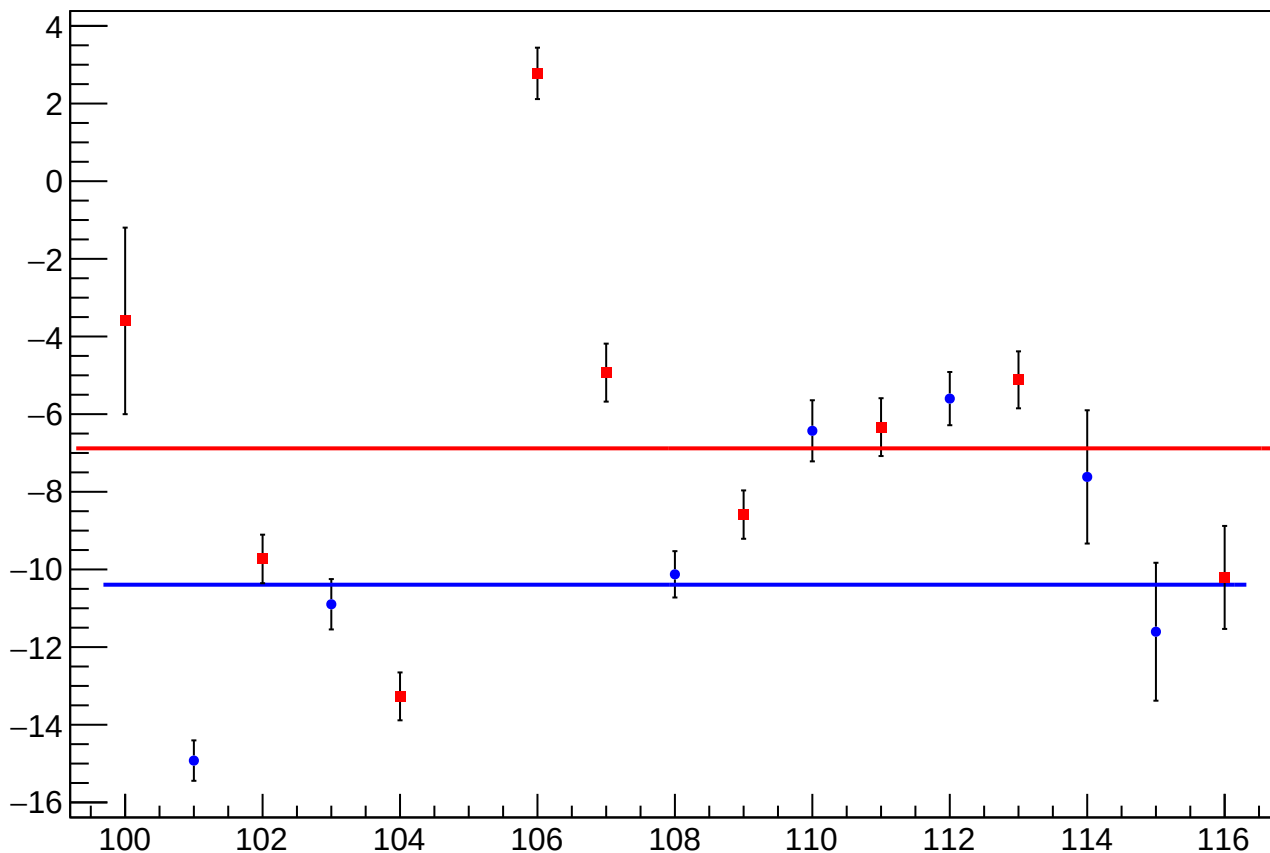
Right: -40.751+/-0.191 χ^2/NDF : 1149.3/15

In: -42.439+/-0.294 χ^2/NDF : 460.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.751+/-0.191 χ^2/NDF : 1149.3/15

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.393 ± 0.274 $\chi^2/\text{NDF}: 153.9/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.881 ± 0.248 $\chi^2/\text{NDF}: 369.7/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

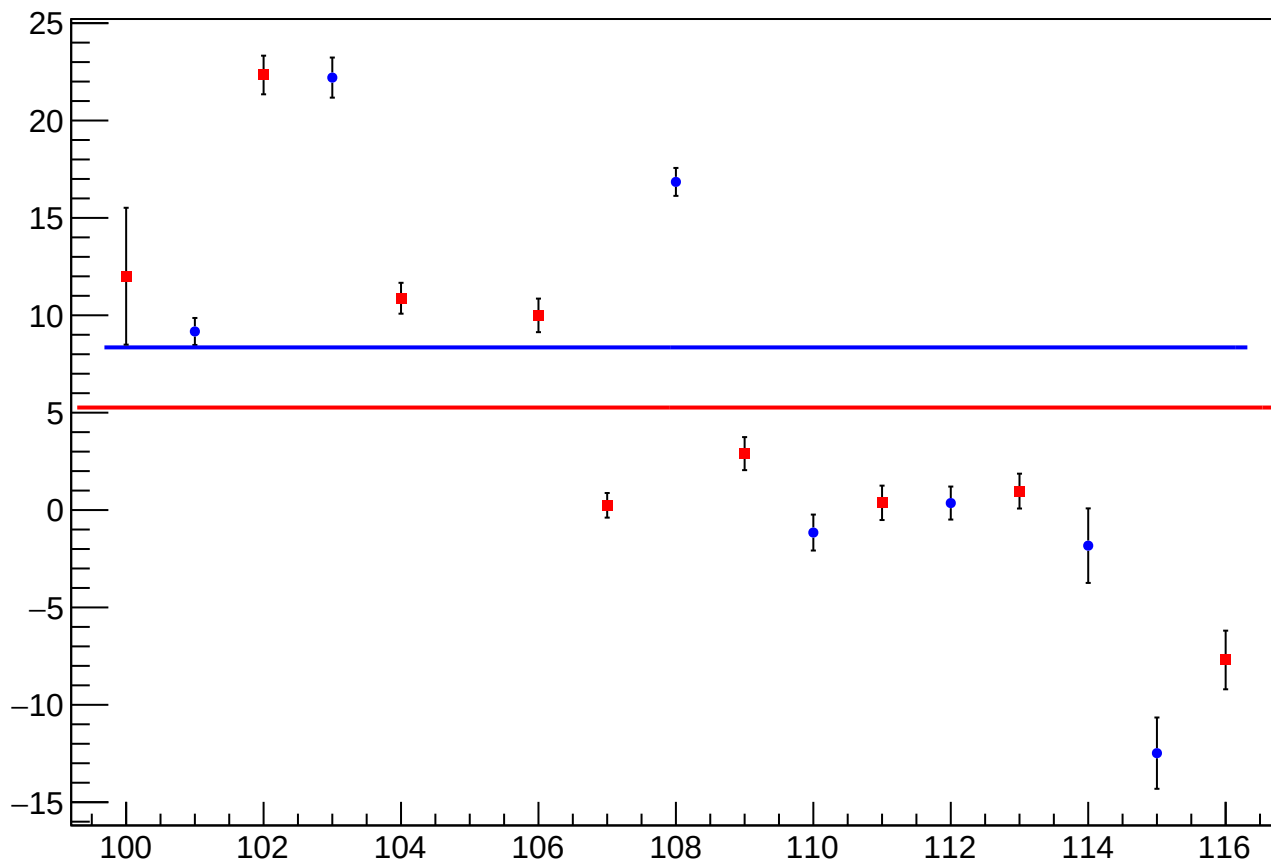
Right: -8.460 ± 0.184 $\chi^2/\text{NDF}: 613.7/15$

In: -10.393 ± 0.274 $\chi^2/\text{NDF}: 153.9/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.460 ± 0.184 $\chi^2/\text{NDF}: 613.7/15$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.352 $\pm$ 0.351 χ^2 /NDF: 675.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.264 $\pm$ 0.303 χ^2 /NDF: 578.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

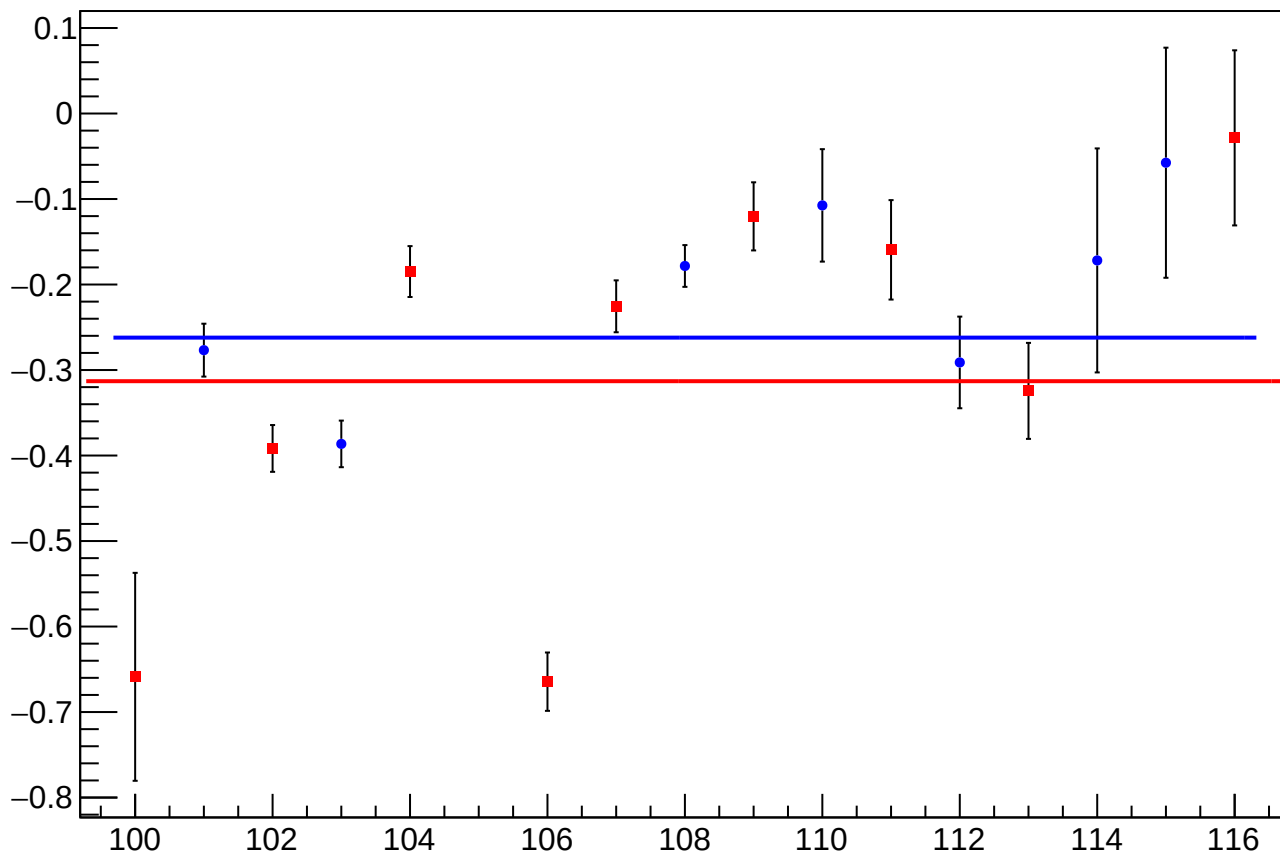
Right: 6.581 $\pm$ 0.229 χ^2 /NDF: 1299.0/15

In: 8.352 $\pm$ 0.351 χ^2 /NDF:675.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.581 $\pm$ 0.229 χ^2 /NDF: 1299.0/15

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.262+/-0.014 χ^2/NDF : 41.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.313+/-0.013 χ^2/NDF : 187.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

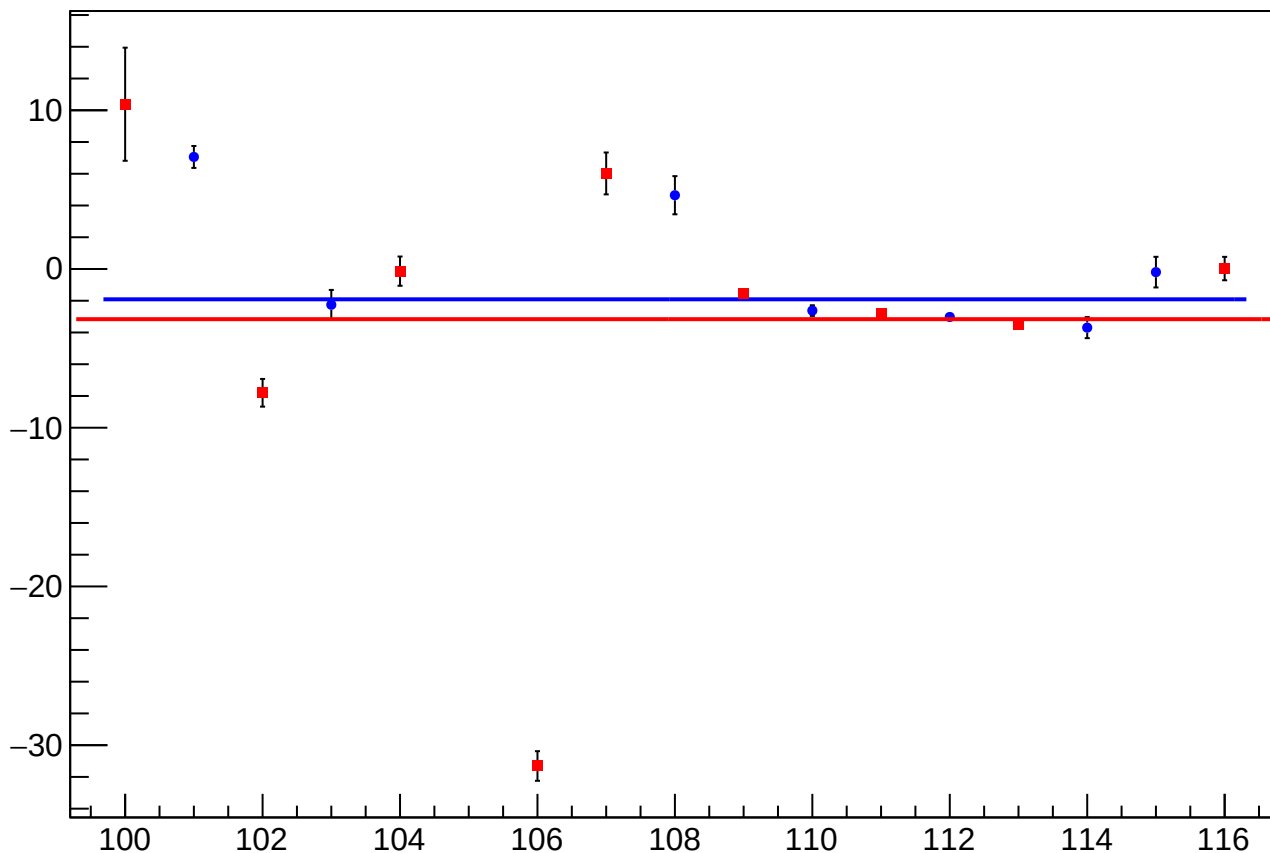
Right: -0.290+/-0.010 χ^2/NDF : 235.7/15

In: -0.262+/-0.014 χ^2/NDF : 41.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.290+/-0.010 χ^2/NDF : 235.7/15

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.910+/-0.185 χ^2/NDF : 229.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.162+/-0.155 χ^2/NDF : 1071.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

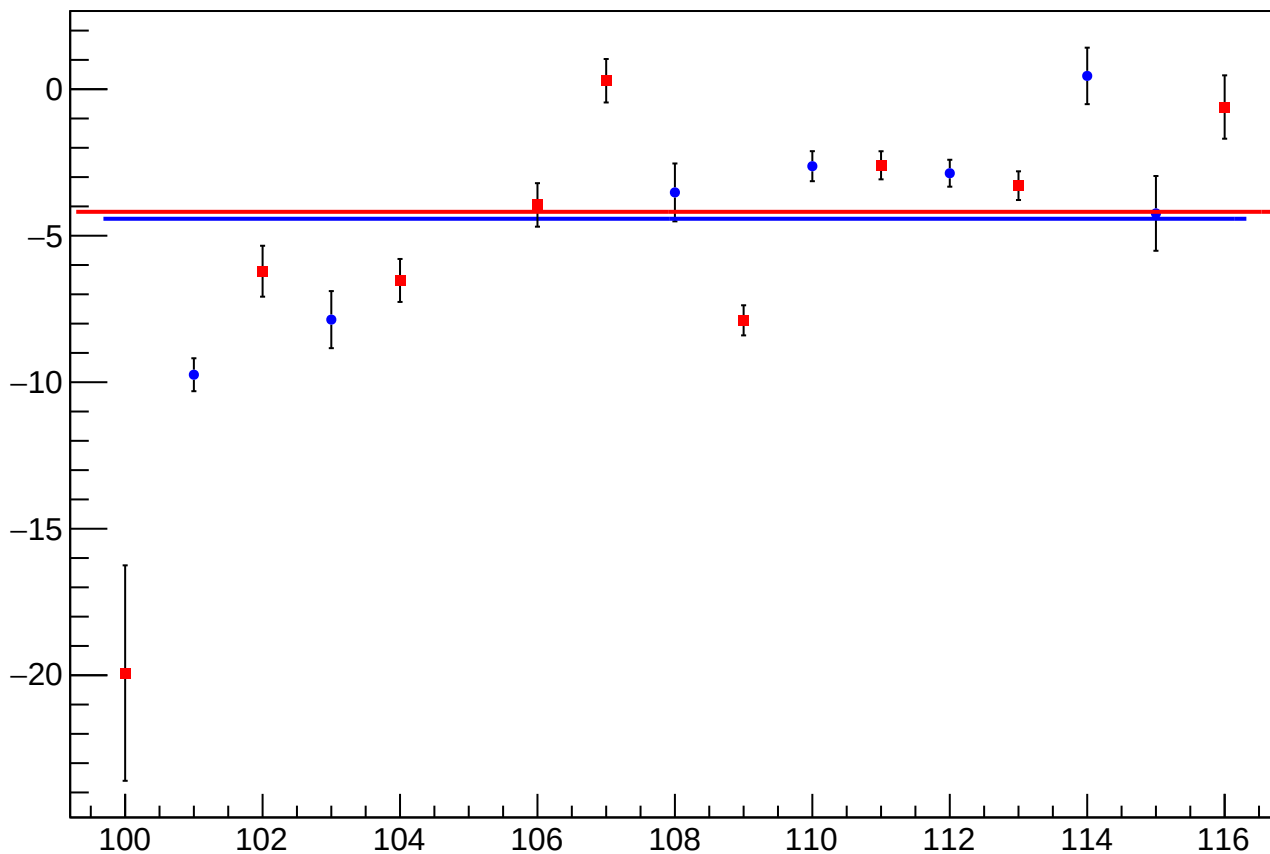
Right: -2.645+/-0.119 χ^2/NDF : 1327.1/15

In: -1.910+/-0.185 χ^2/NDF : 229.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.645+/-0.119 χ^2/NDF : 1327.1/15

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.422+/-0.254 χ^2/NDF : 152.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.185+/-0.223 χ^2/NDF : 147.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

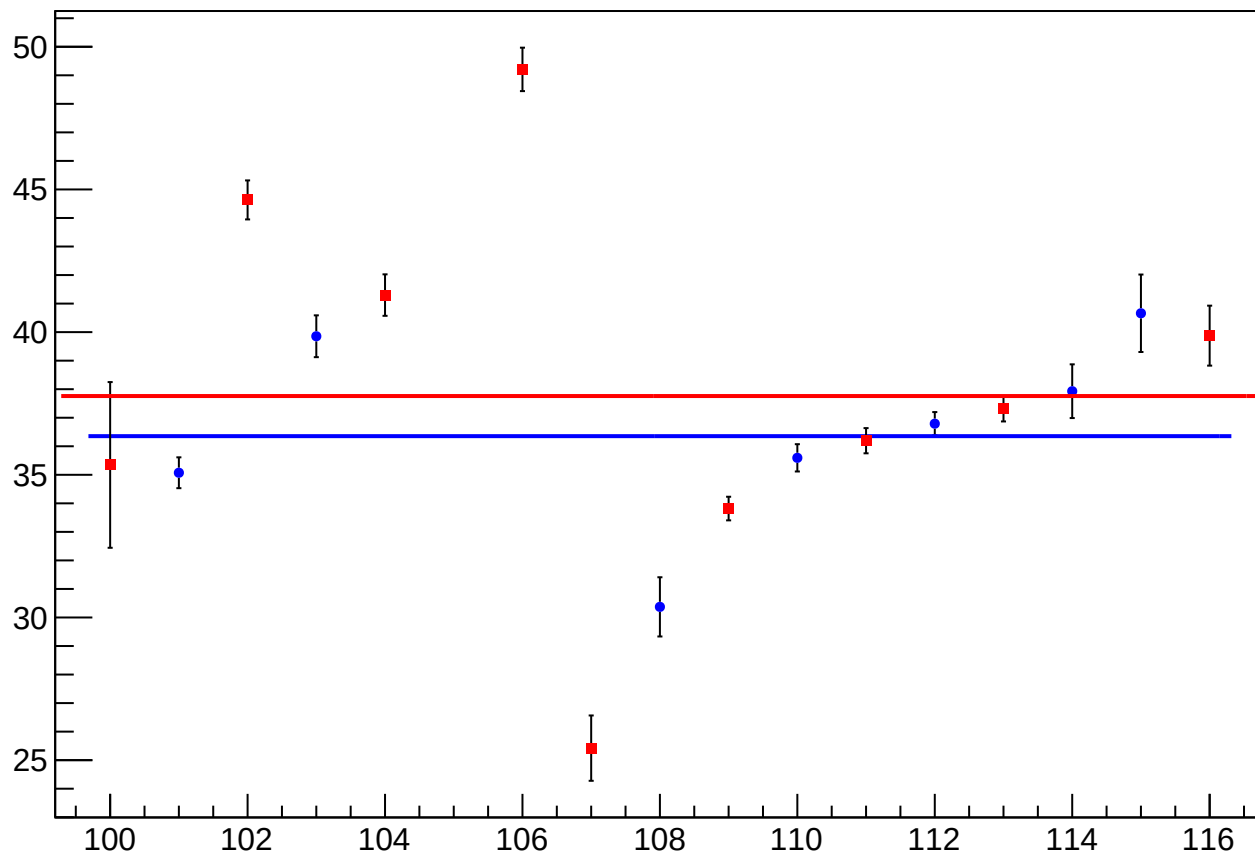
Right: -4.288+/-0.168 χ^2/NDF : 300.4/15

In: -4.422+/-0.254 χ^2/NDF : 152.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.288+/-0.168 χ^2/NDF : 300.4/15

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.355+/-0.234 χ^2/NDF : 78.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.760+/-0.206 χ^2/NDF : 576.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

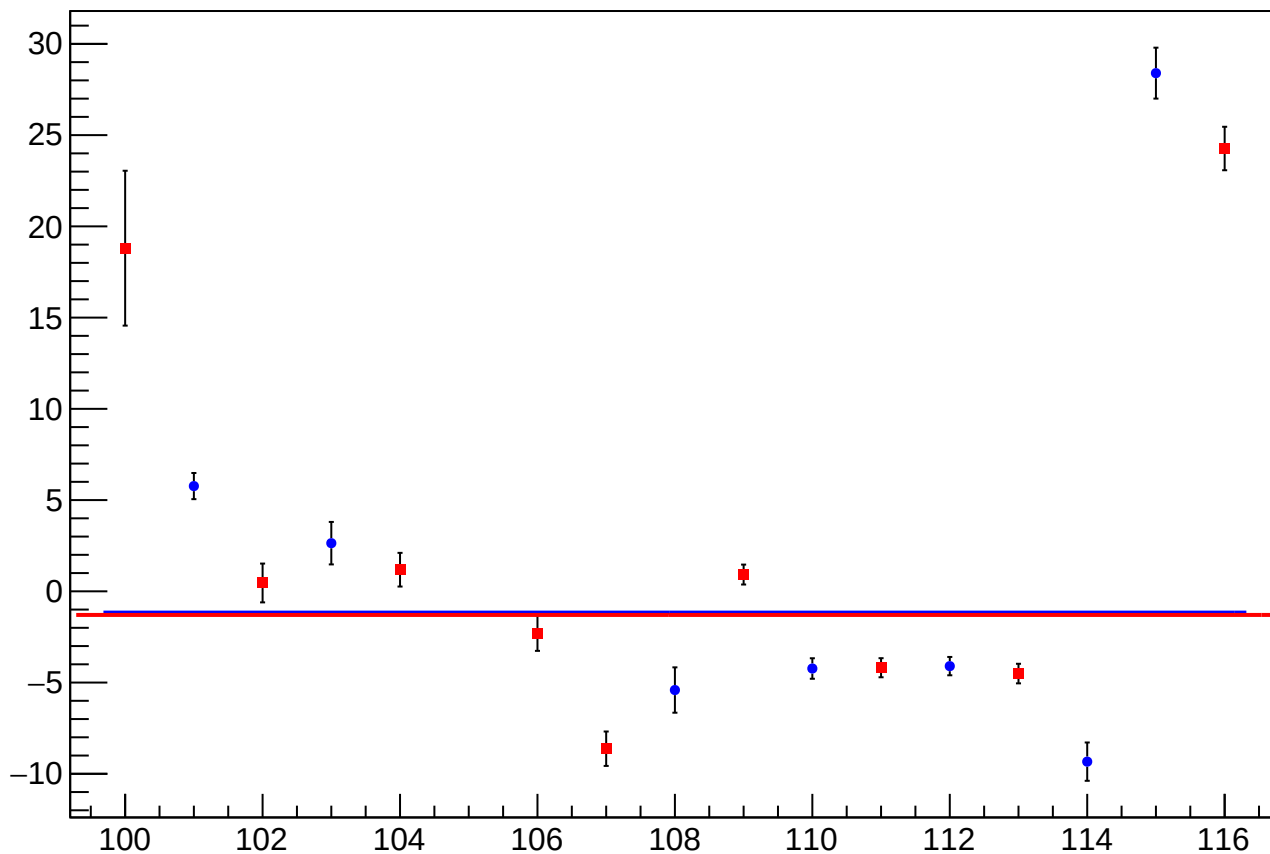
Right: 37.148+/-0.154 χ^2/NDF : 674.8/15

In: 36.355+/-0.234 χ^2/NDF : 78.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.148+/-0.154 χ^2/NDF : 674.8/15

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.167+/-0.290 χ^2/NDF : 689.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.294+/-0.254 χ^2/NDF : 637.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

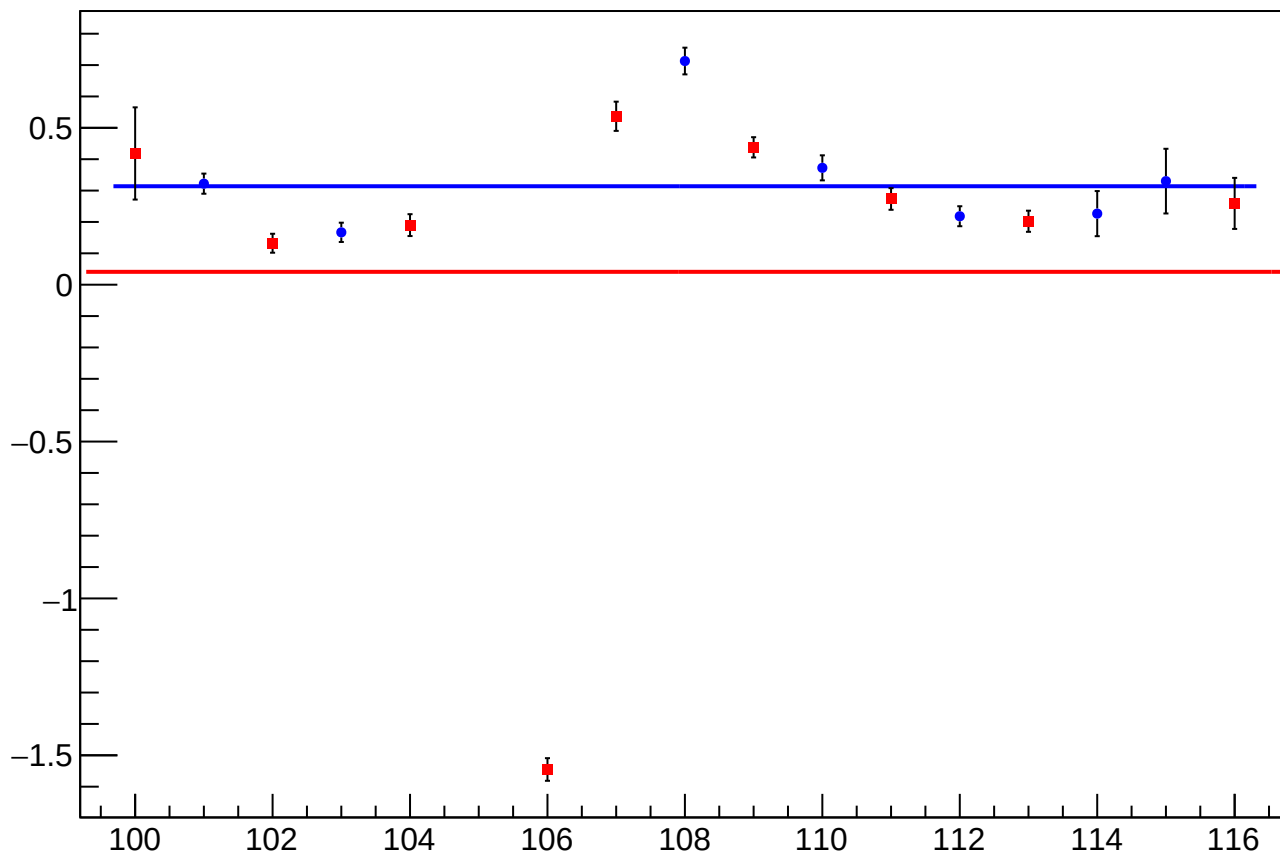
Right: -1.239+/-0.191 χ^2/NDF : 1326.4/15

In: -1.167+/-0.290 χ^2/NDF :689.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.239+/-0.191 χ^2/NDF : 1326.4/15

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.314 $\pm$ 0.015 χ^2 /NDF: 123.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.041 $\pm$ 0.013 χ^2 /NDF: 2307.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

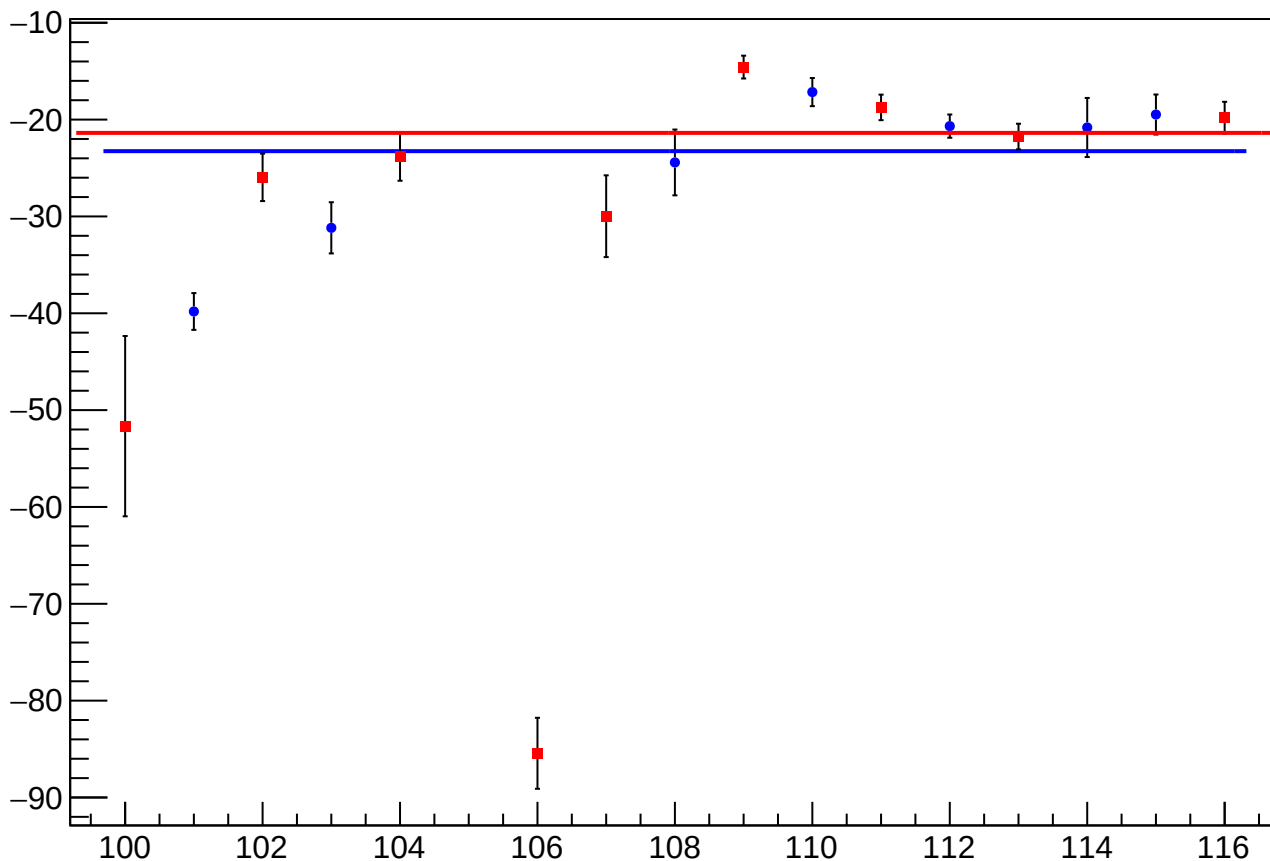
Right: 0.157 $\pm$ 0.010 χ^2 /NDF: 2622.6/15

In: 0.314 $\pm$ 0.015 χ^2 /NDF:123.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.157 $\pm$ 0.010 χ^2 /NDF: 2622.6/15

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.260 ± 0.704 $\chi^2/\text{NDF}: 111.4/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.373 ± 0.608 $\chi^2/\text{NDF}: 362.8/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

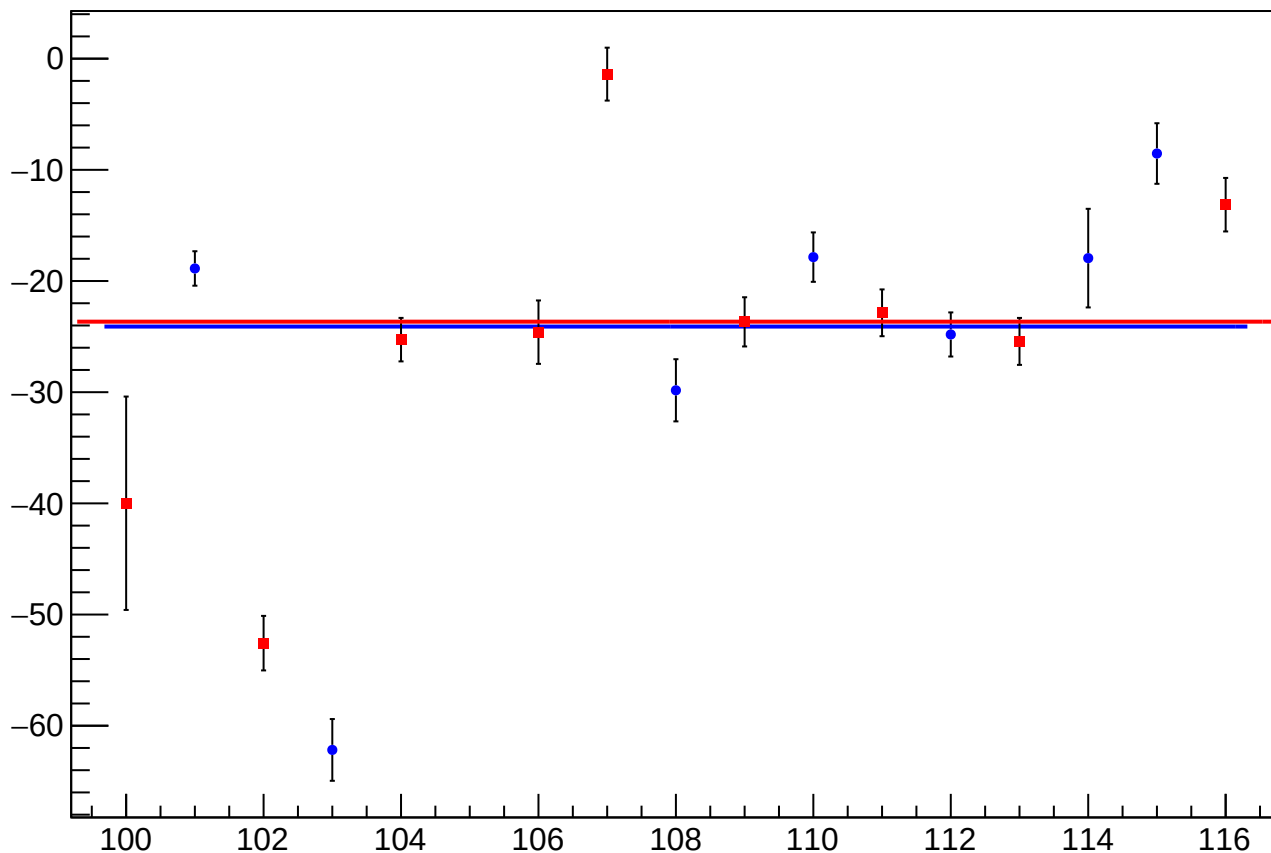
Right: -22.179 ± 0.460 $\chi^2/\text{NDF}: 478.2/15$

In: -23.260 ± 0.704 $\chi^2/\text{NDF}: 111.4/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.179 ± 0.460 $\chi^2/\text{NDF}: 478.2/15$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -24.097±/-0.872 χ^2/NDF : 246.1/6

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.656±/-0.799 χ^2/NDF : 250.1/8

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

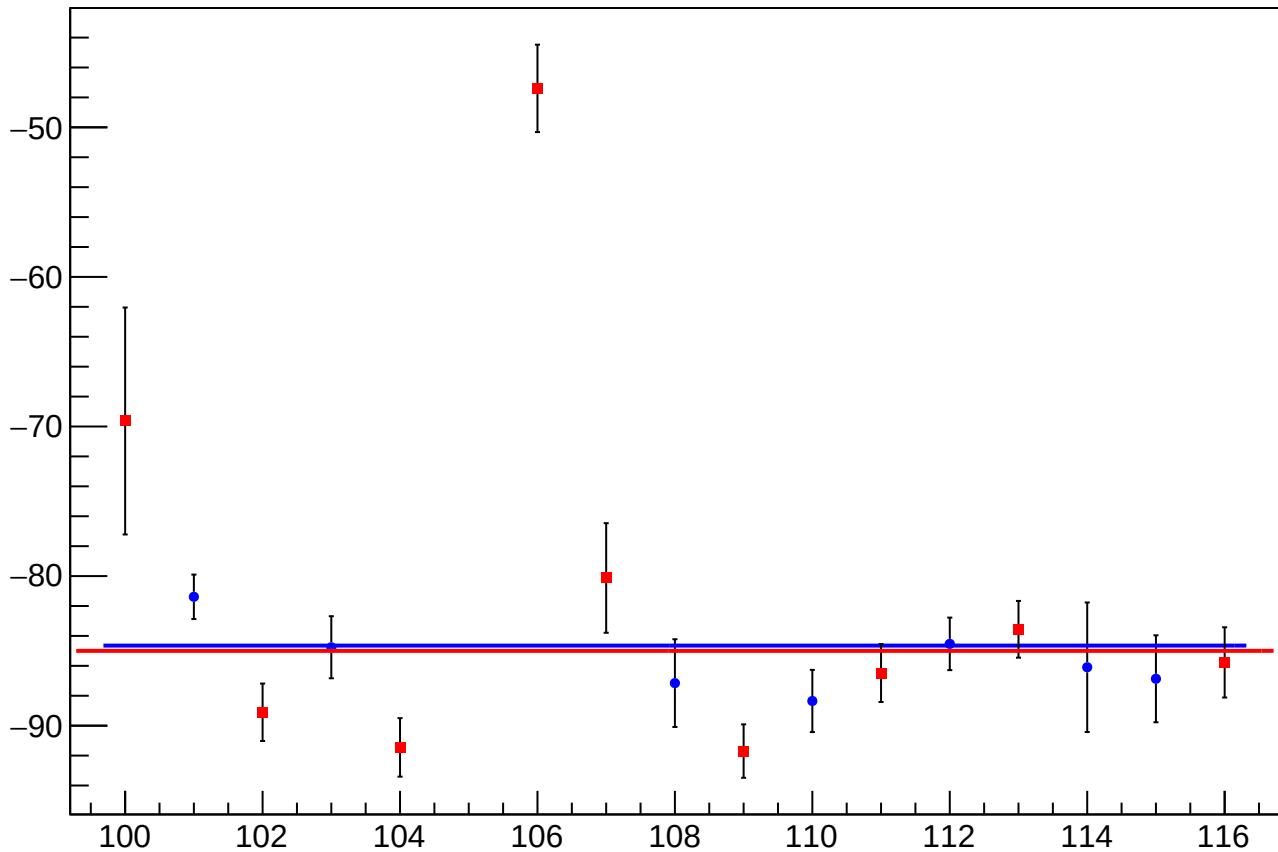
Right: -23.857±/-0.589 χ^2/NDF : 496.4/15

In: -24.097±/-0.872 χ^2/NDF : 246.1/6

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -23.857±/-0.589 χ^2/NDF : 496.4/15

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -84.646 $\pm$ 0.809 χ^2 /NDF: 9.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -84.998 $\pm$ 0.749 χ^2 /NDF: 202.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

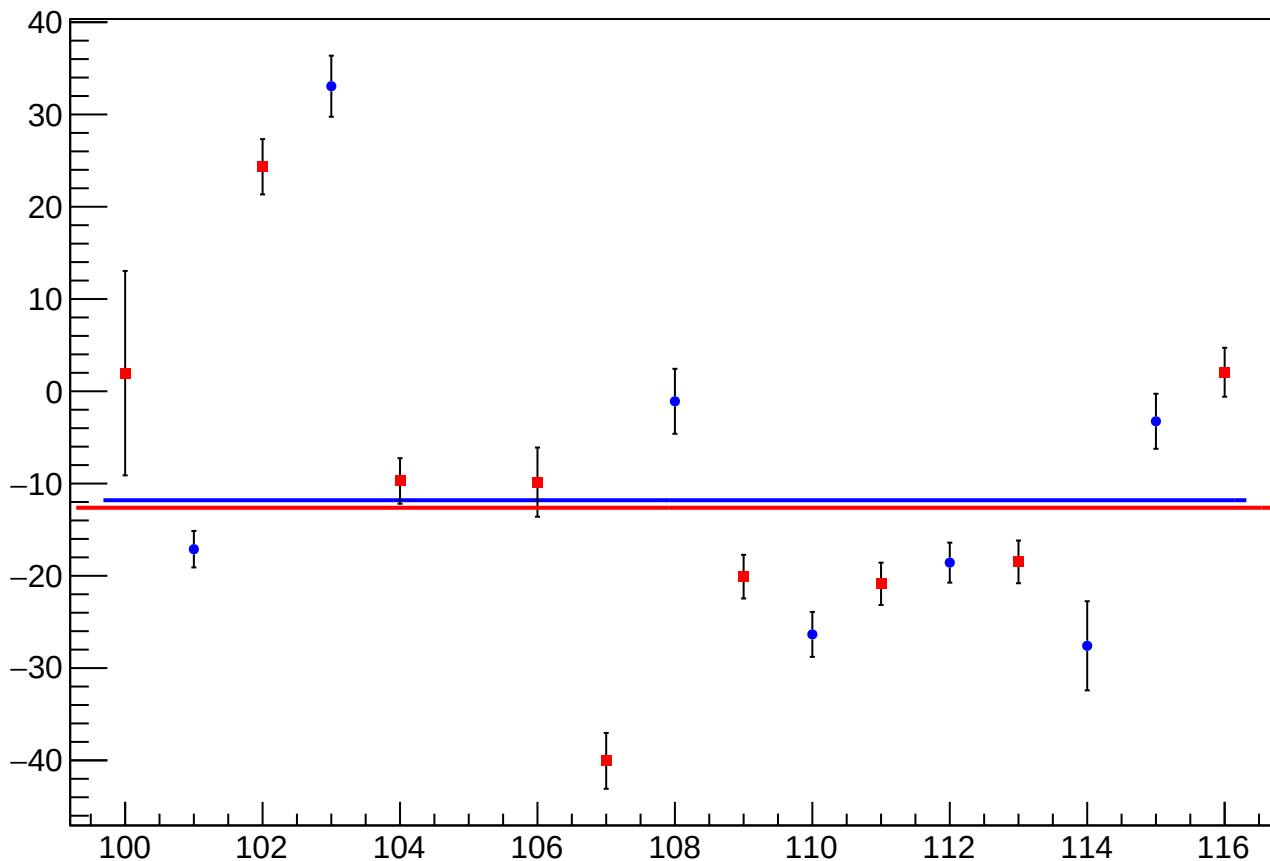
Right: -84.836 $\pm$ 0.550 χ^2 /NDF: 211.8/15

In: -84.646 $\pm$ 0.809 χ^2 /NDF: 9.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -84.836 $\pm$ 0.550 χ^2 /NDF: 211.8/15

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.809 $\pm$ 1.018 χ^2 /NDF: 264.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.624 $\pm$ 0.928 χ^2 /NDF: 297.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

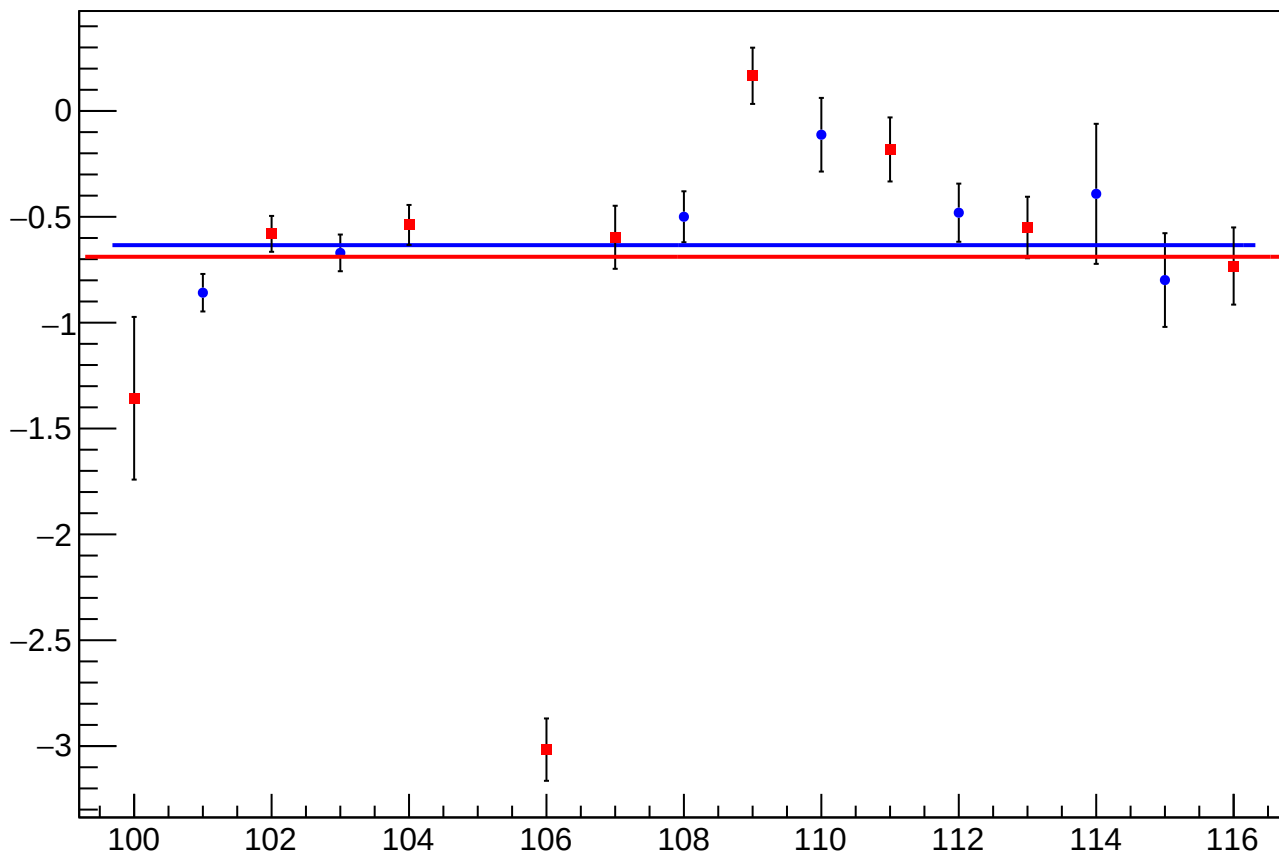
Right: -12.254 $\pm$ 0.686 χ^2 /NDF: 562.6/15

In: -11.809 $\pm$ 1.018 χ^2 /NDF:264.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.254 $\pm$ 0.686 χ^2 /NDF: 562.6/15

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.634 ± 0.047 χ^2/NDF : 19.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.689 ± 0.044 χ^2/NDF : 311.2/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

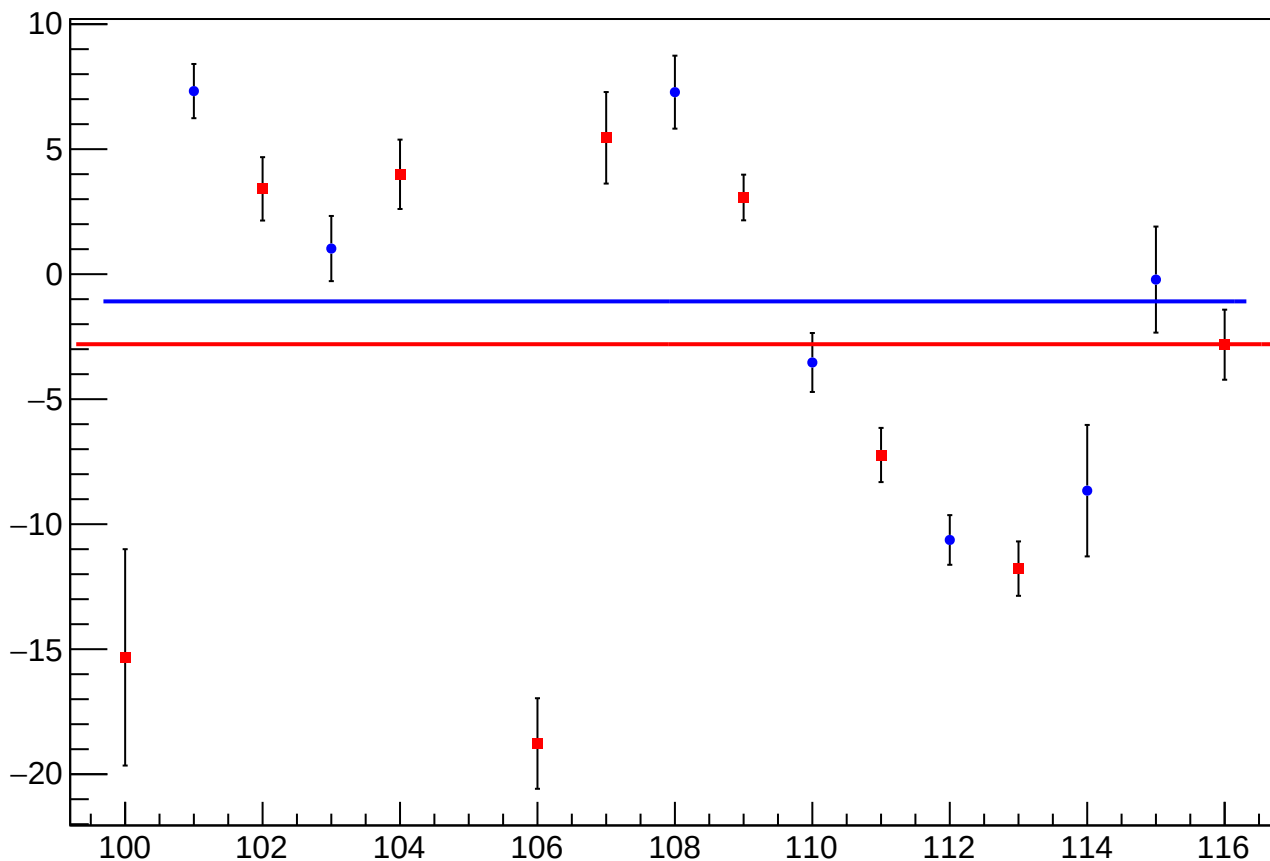
Right: -0.664 ± 0.032 χ^2/NDF : 331.1/15

In: -0.634 ± 0.047 χ^2/NDF : 19.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.664 ± 0.032 χ^2/NDF : 331.1/15

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.088+/-0.499 χ^2 /NDF: 200.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.801+/-0.438 χ^2 /NDF: 280.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

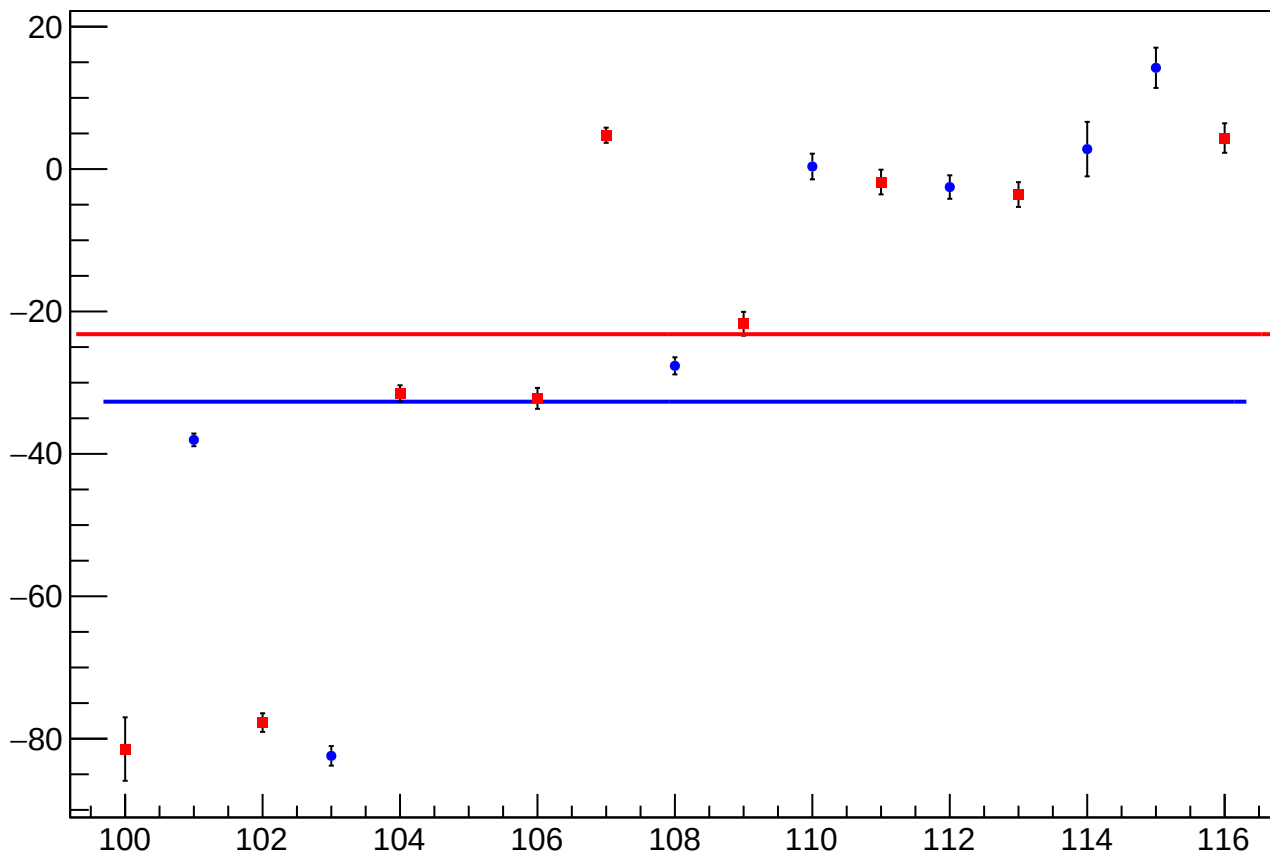
Right: -2.056+/-0.329 χ^2 /NDF: 487.9/15

In: -1.088+/-0.499 χ^2 /NDF:200.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.056+/-0.329 χ^2 /NDF: 487.9/15

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -32.670+/-0.546 χ^2/NDF : 2392.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.189+/-0.500 χ^2/NDF : 3147.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

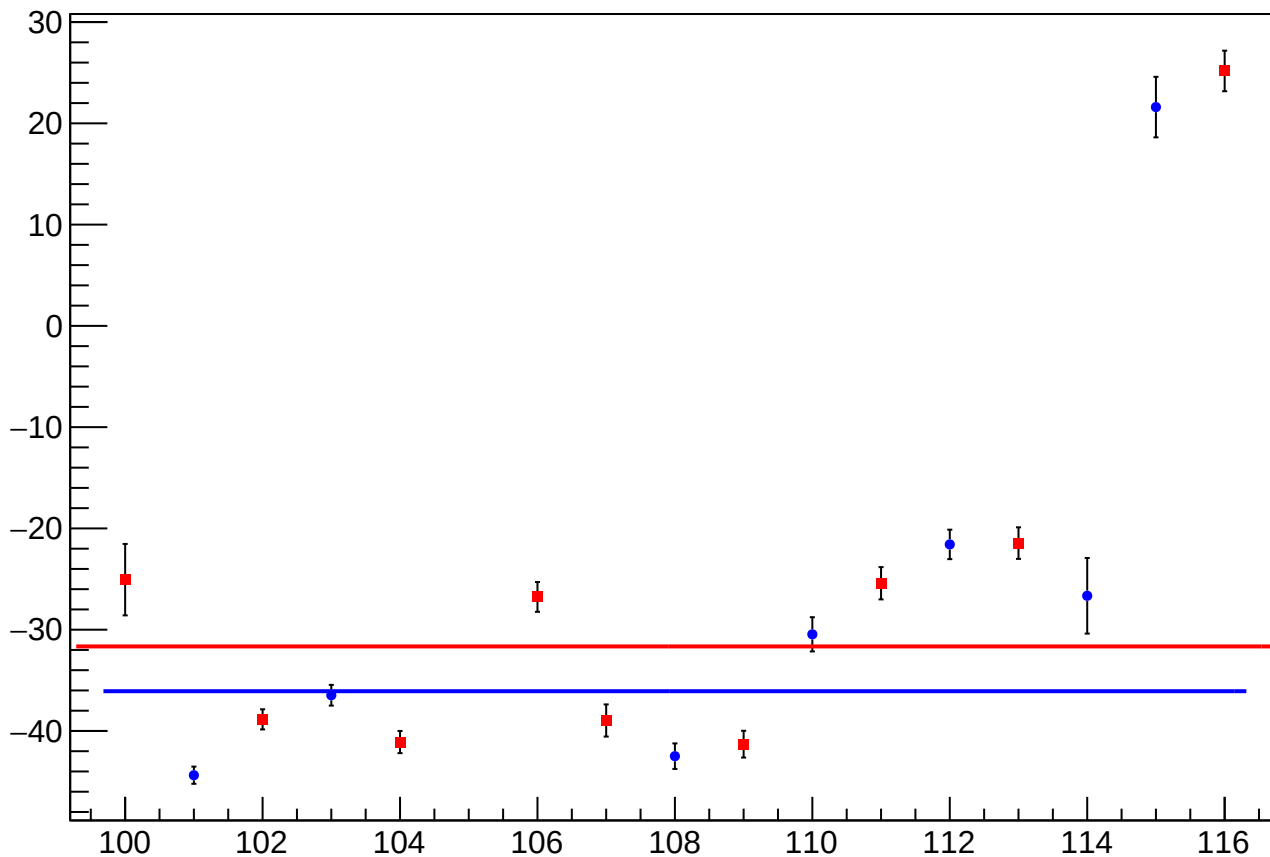
Right: -27.509+/-0.369 χ^2/NDF : 5704.3/15

In: -32.670+/-0.546 χ^2/NDF : 2392.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.509+/-0.369 χ^2/NDF : 5704.3/15

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.075 $\pm$ 0.501 χ^2 /NDF: 610.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.653 $\pm$ 0.476 χ^2 /NDF: 1078.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

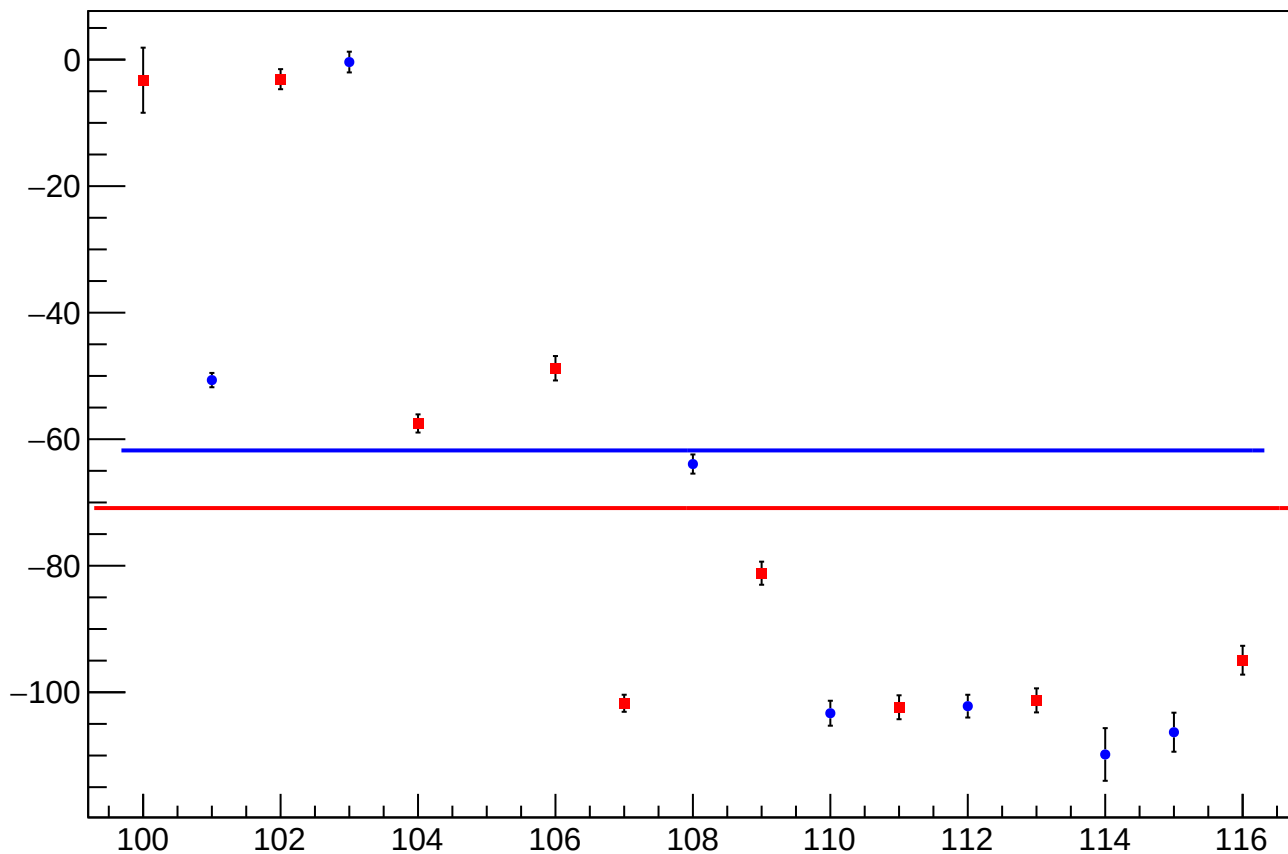
Right: -33.749 $\pm$ 0.345 χ^2 /NDF: 1730.4/15

In: -36.075 $\pm$ 0.501 χ^2 /NDF:610.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.749 $\pm$ 0.345 χ^2 /NDF: 1730.4/15

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.775+/-0.657 χ^2/NDF : 2791.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.886+/-0.599 χ^2/NDF : 3415.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

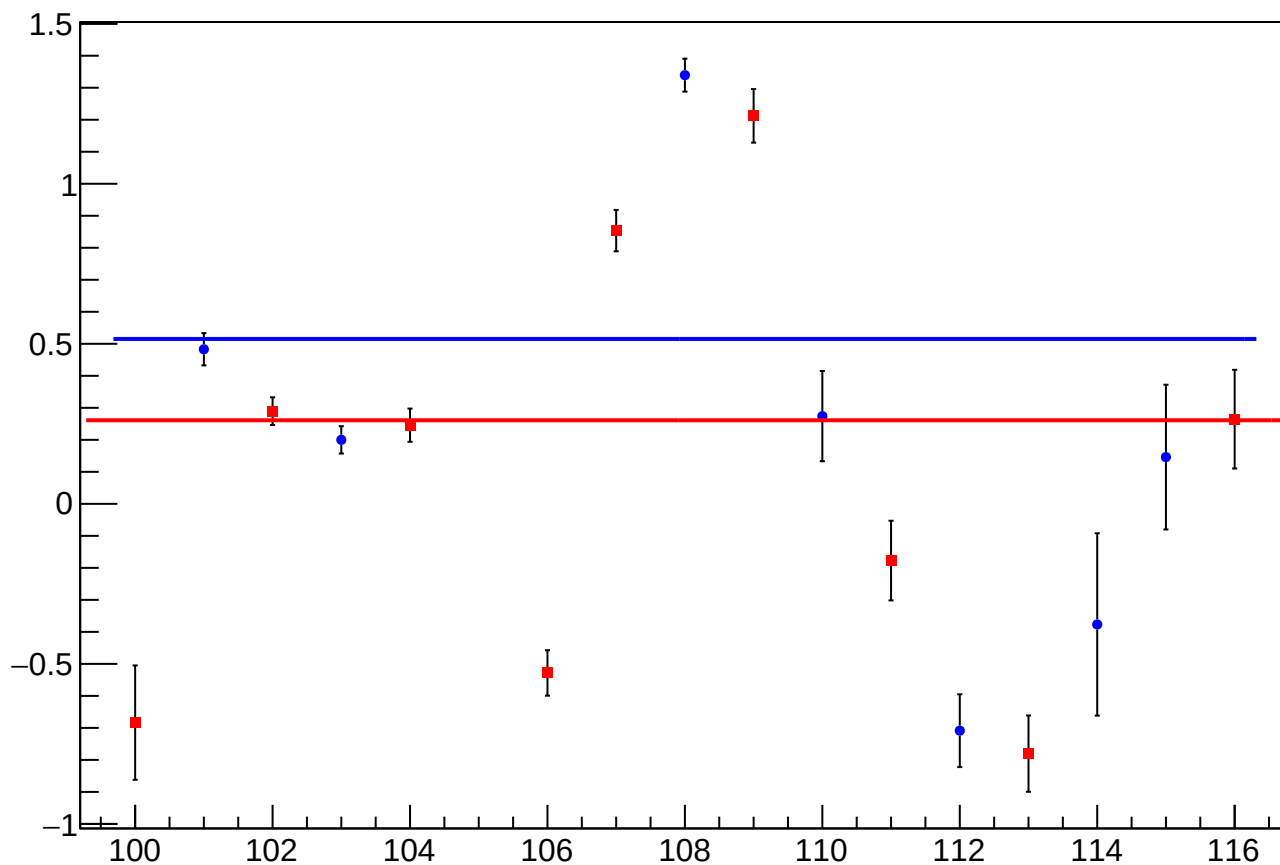
Right: -66.749+/-0.443 χ^2/NDF : 6312.6/15

In: -61.775+/-0.657 χ^2/NDF : 2791.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.749+/-0.443 χ^2/NDF : 6312.6/15

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.515 ± 0.026 χ^2/NDF : 442.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.261 ± 0.024 χ^2/NDF : 454.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

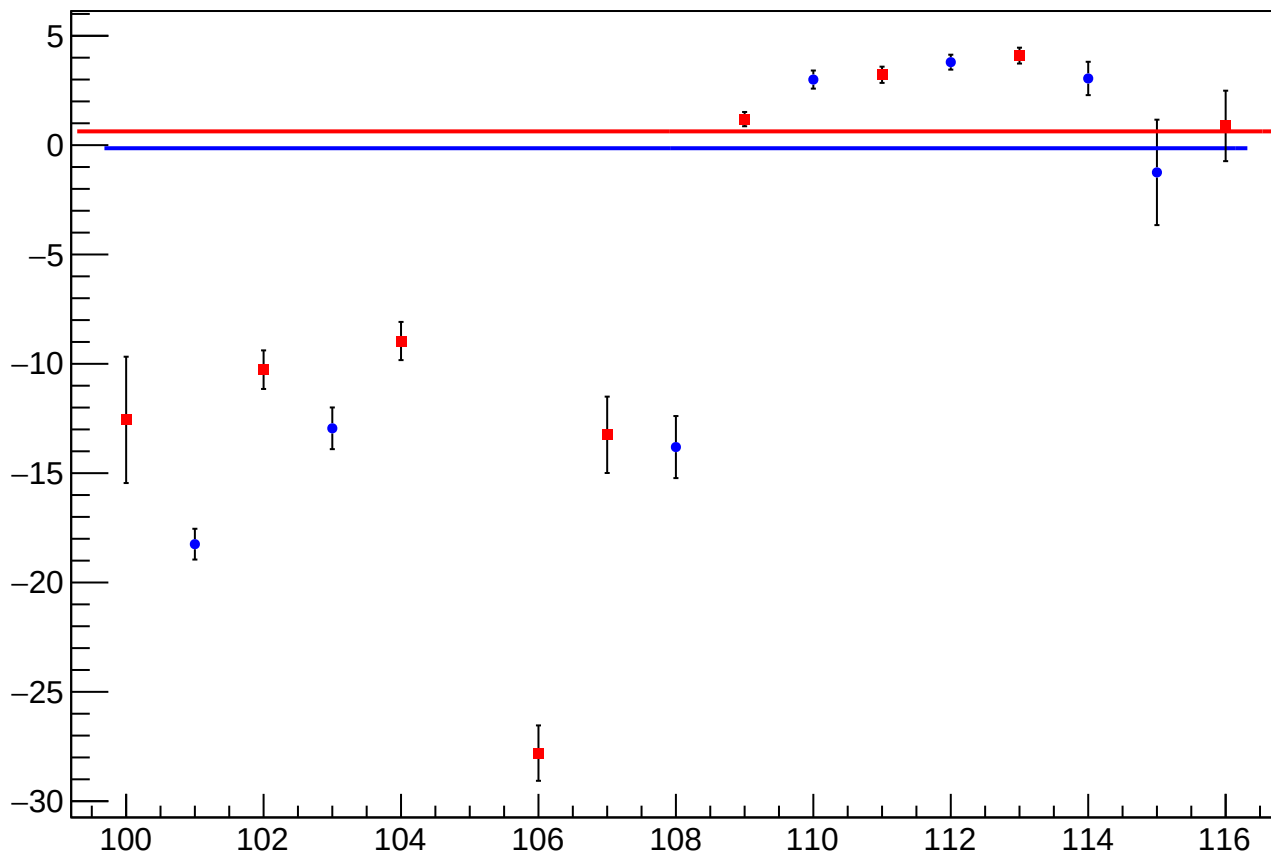
Right: 0.380 ± 0.018 χ^2/NDF : 947.2/15

In: 0.515 ± 0.026 χ^2/NDF : 442.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.380 ± 0.018 χ^2/NDF : 947.2/15

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.141+/-0.224 χ^2/NDF : 1143.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.630+/-0.188 χ^2/NDF : 1004.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

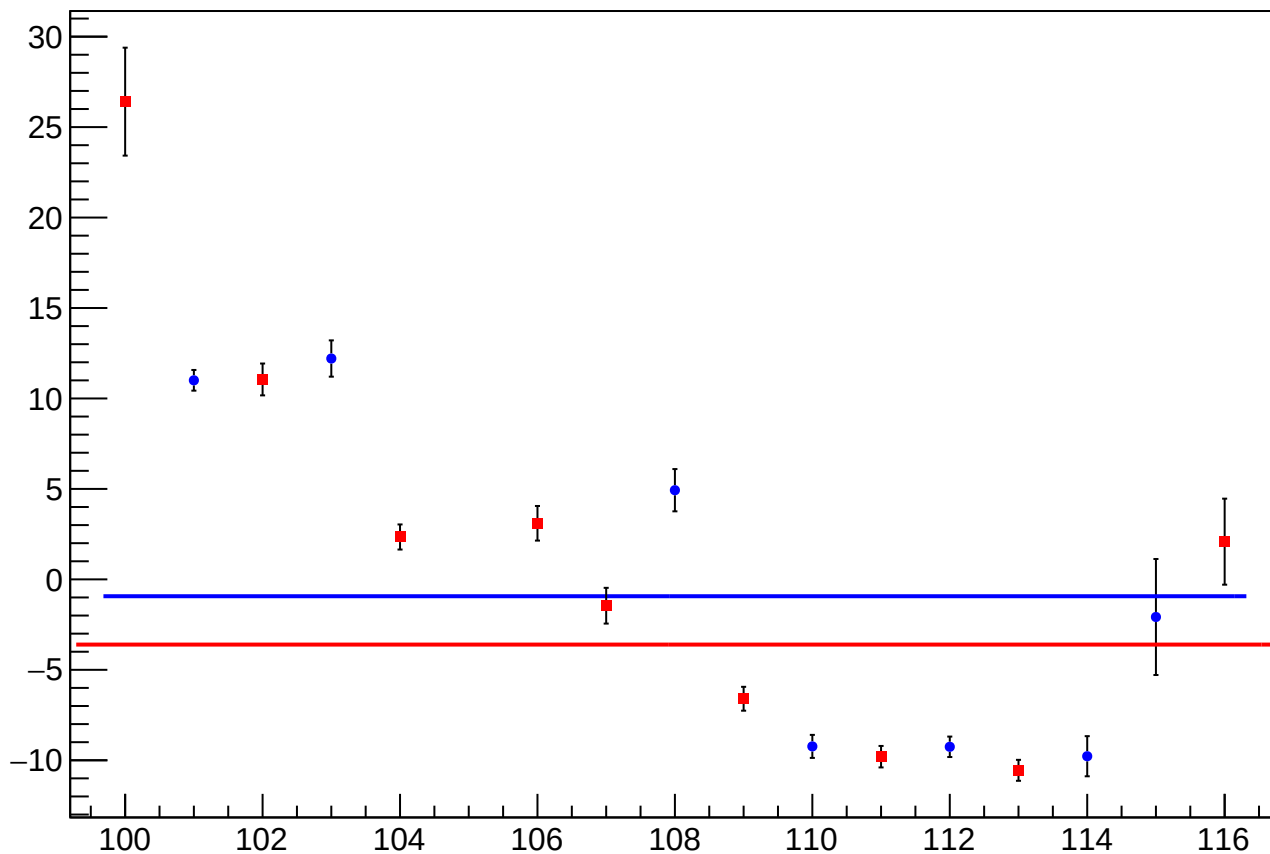
Right: 0.311+/-0.144 χ^2/NDF : 2154.5/15

In: -0.141+/-0.224 χ^2/NDF : 1143.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.311+/-0.144 χ^2/NDF : 2154.5/15

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.932+/-0.298 χ^2/NDF : 1083.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.605+/-0.268 χ^2/NDF : 784.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

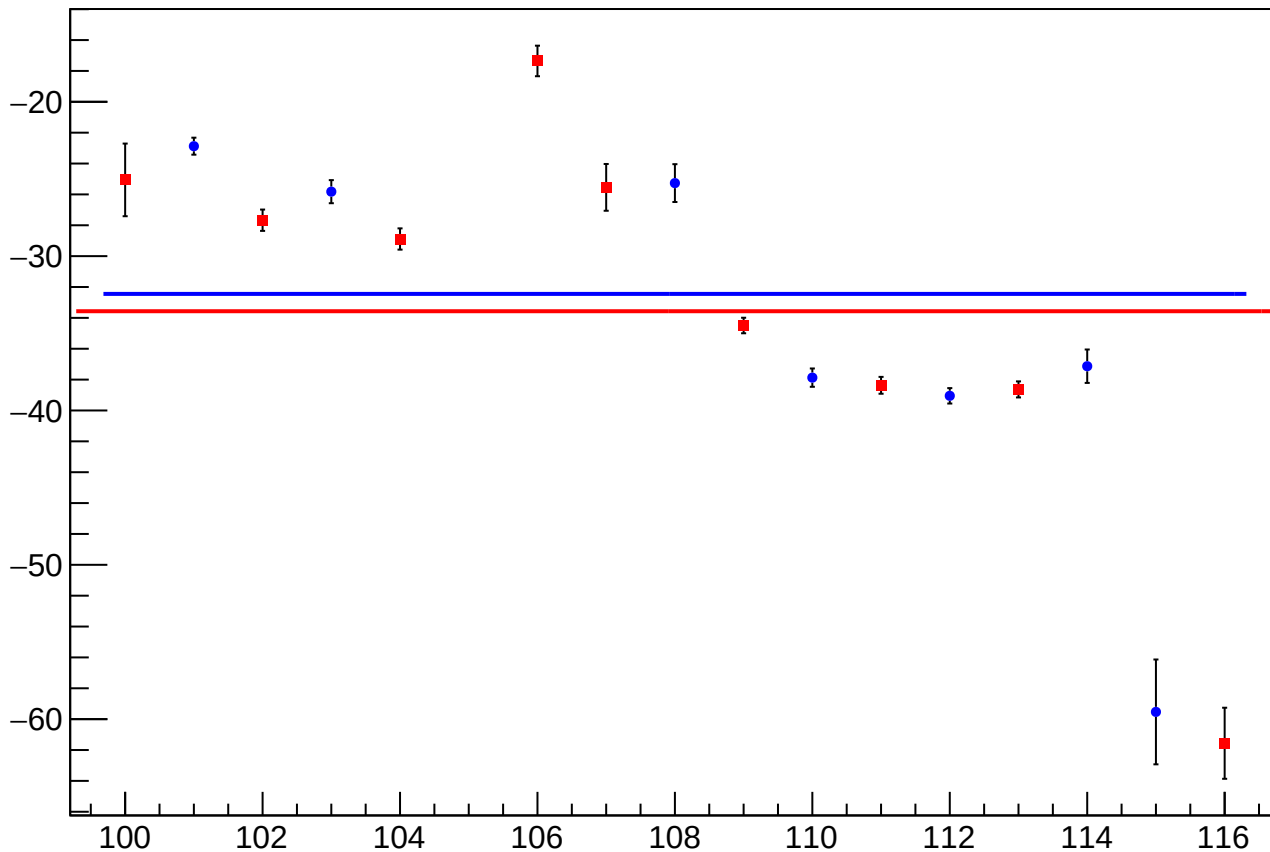
Right: -2.406+/-0.199 χ^2/NDF : 1912.7/15

In: -0.932+/-0.298 χ^2/NDF : 1083.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.406+/-0.199 χ^2/NDF : 1912.7/15

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.447 $\pm$ 0.272 χ^2 /NDF: 756.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.569 $\pm$ 0.242 χ^2 /NDF: 751.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

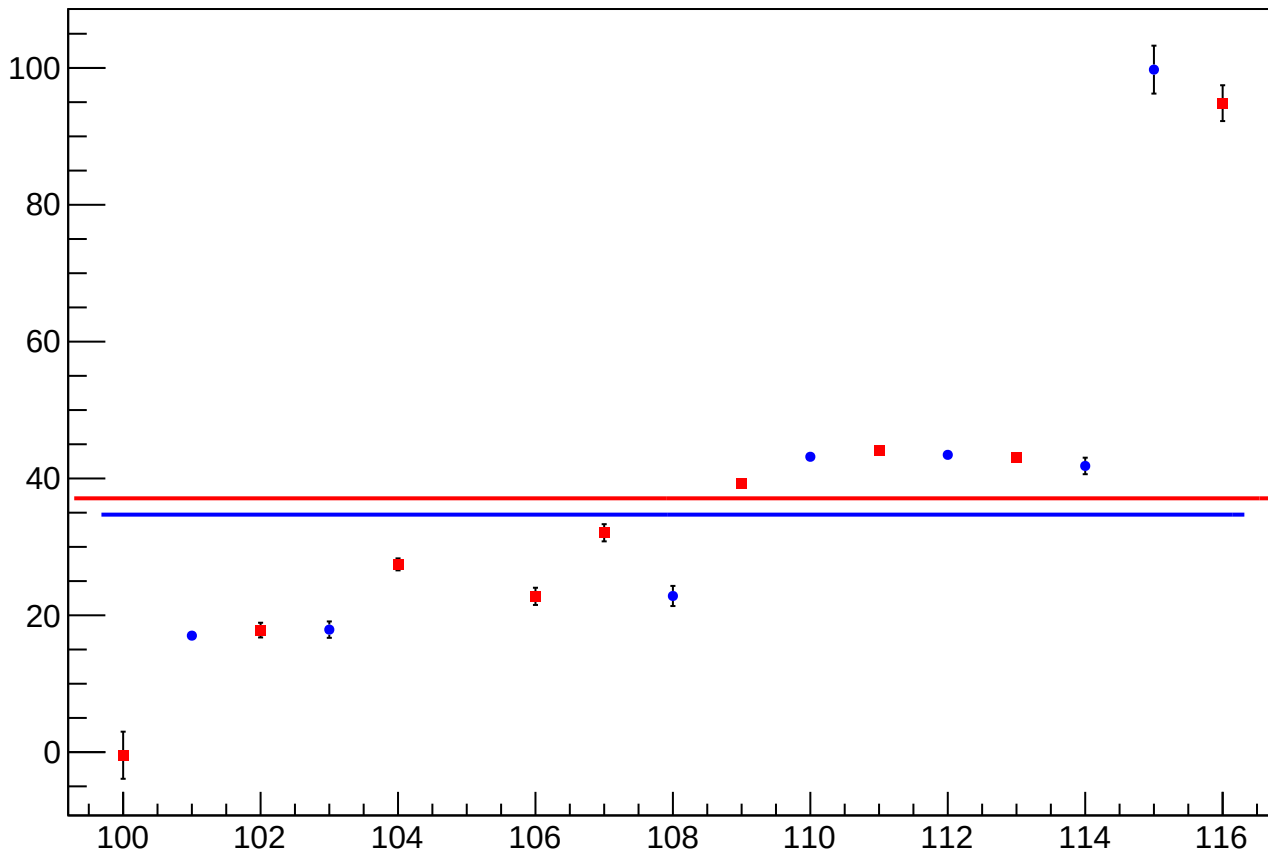
Right: -33.072 $\pm$ 0.181 χ^2 /NDF: 1517.5/15

In: -32.447 $\pm$ 0.272 χ^2 /NDF: 756.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.072 $\pm$ 0.181 χ^2 /NDF: 1517.5/15

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.714+/-0.343 χ^2/NDF : 1579.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.098+/-0.307 χ^2/NDF : 1409.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

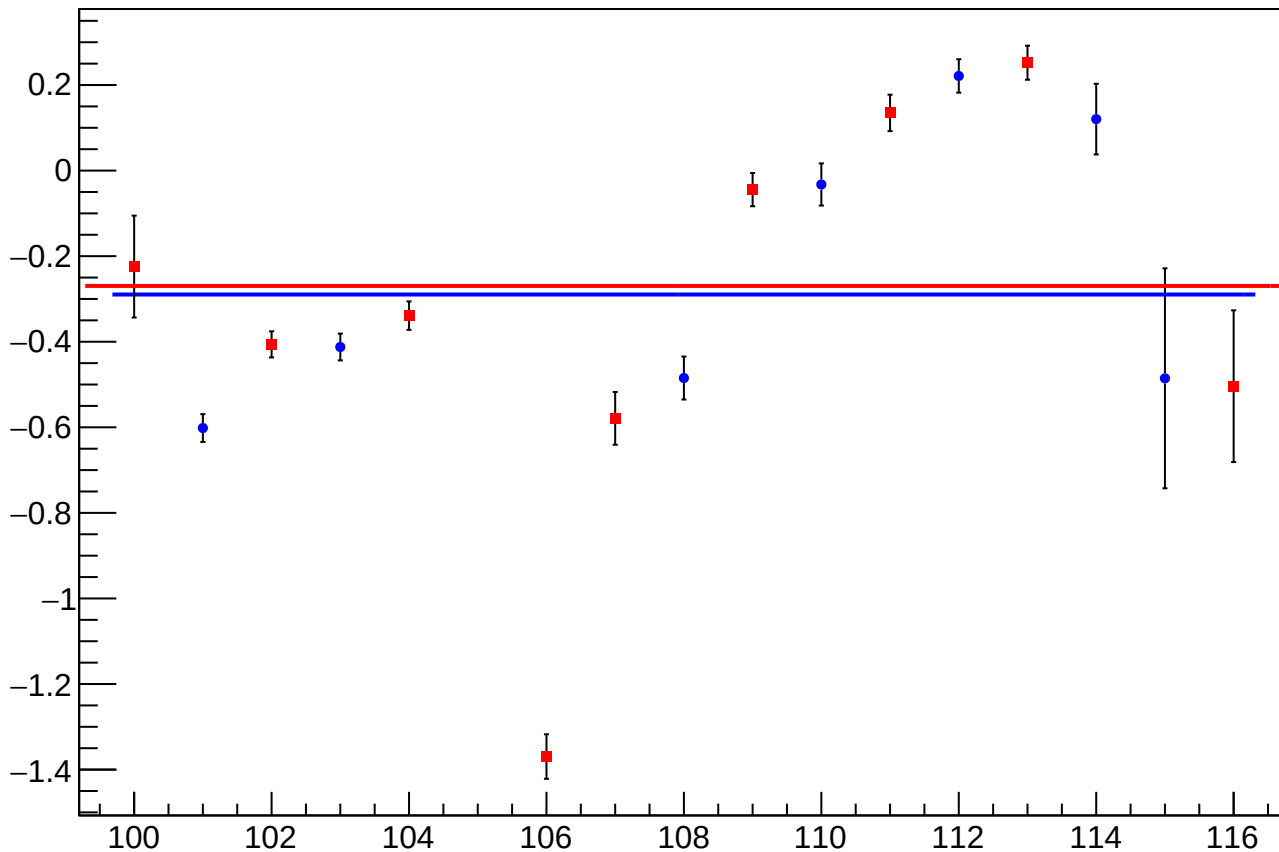
Right: 36.039+/-0.229 χ^2/NDF : 3015.3/15

In: 34.714+/-0.343 χ^2/NDF : 1579.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.039+/-0.229 χ^2/NDF : 3015.3/15

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.290 ± 0.017 χ^2/NDF : 346.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.270 ± 0.015 χ^2/NDF : 794.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

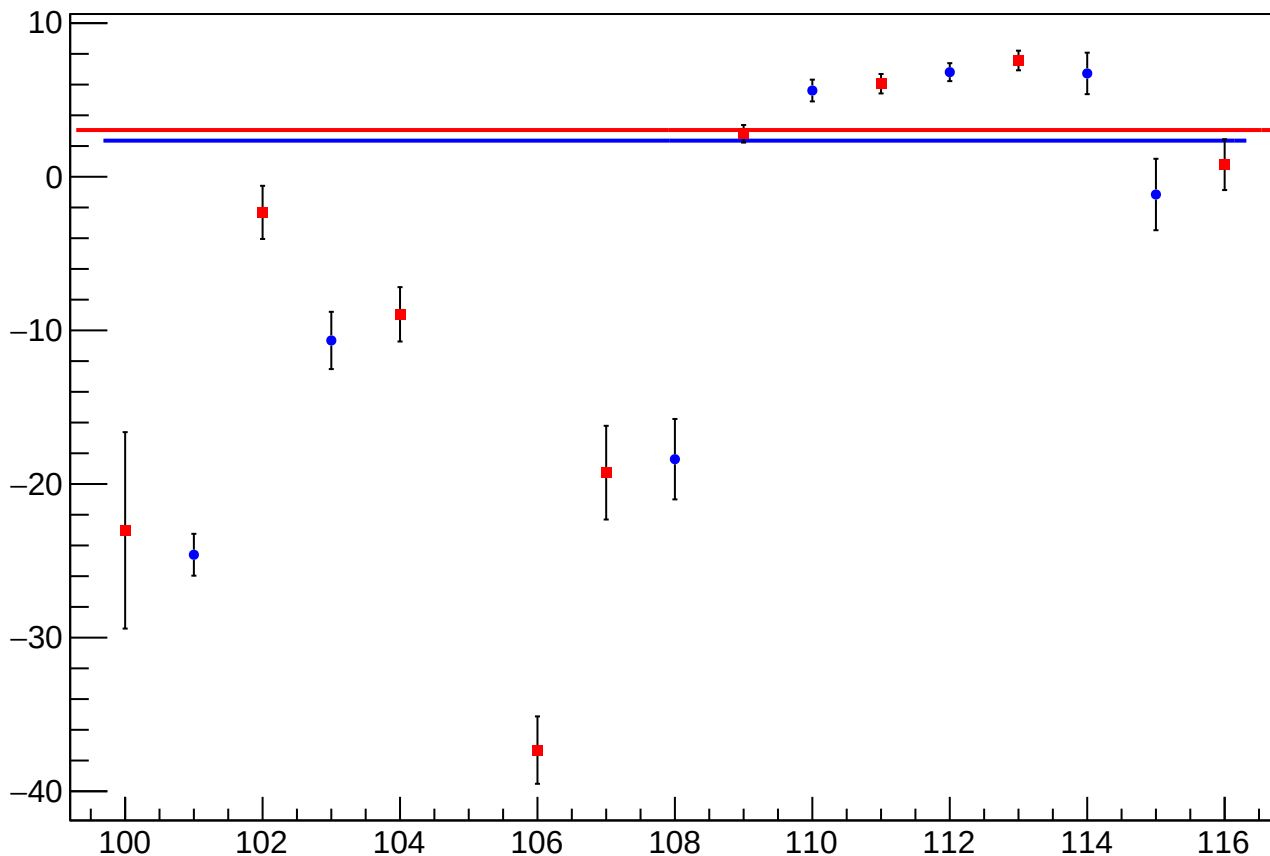
Right: -0.278 ± 0.011 χ^2/NDF : 1140.9/15

In: -0.290 ± 0.017 χ^2/NDF : 346.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.278 ± 0.011 χ^2/NDF : 1140.9/15

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.351+/-0.389 χ^2/NDF : 595.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.041+/-0.327 χ^2/NDF : 539.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

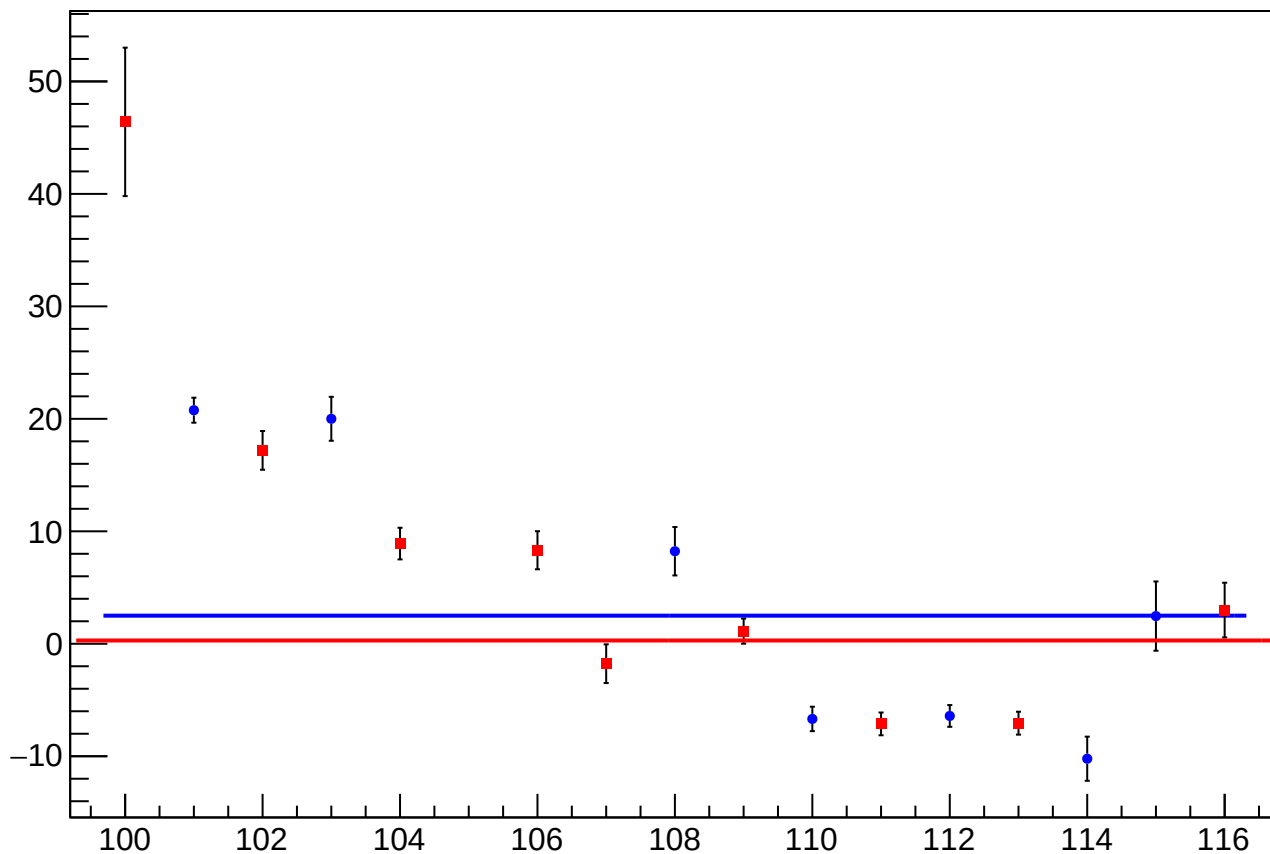
Right: 2.755+/-0.250 χ^2/NDF : 1135.8/15

In: 2.351+/-0.389 χ^2/NDF : 595.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.755+/-0.250 χ^2/NDF : 1135.8/15

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.499+/-0.529 χ^2/NDF : 556.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.292+/-0.473 χ^2/NDF : 314.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

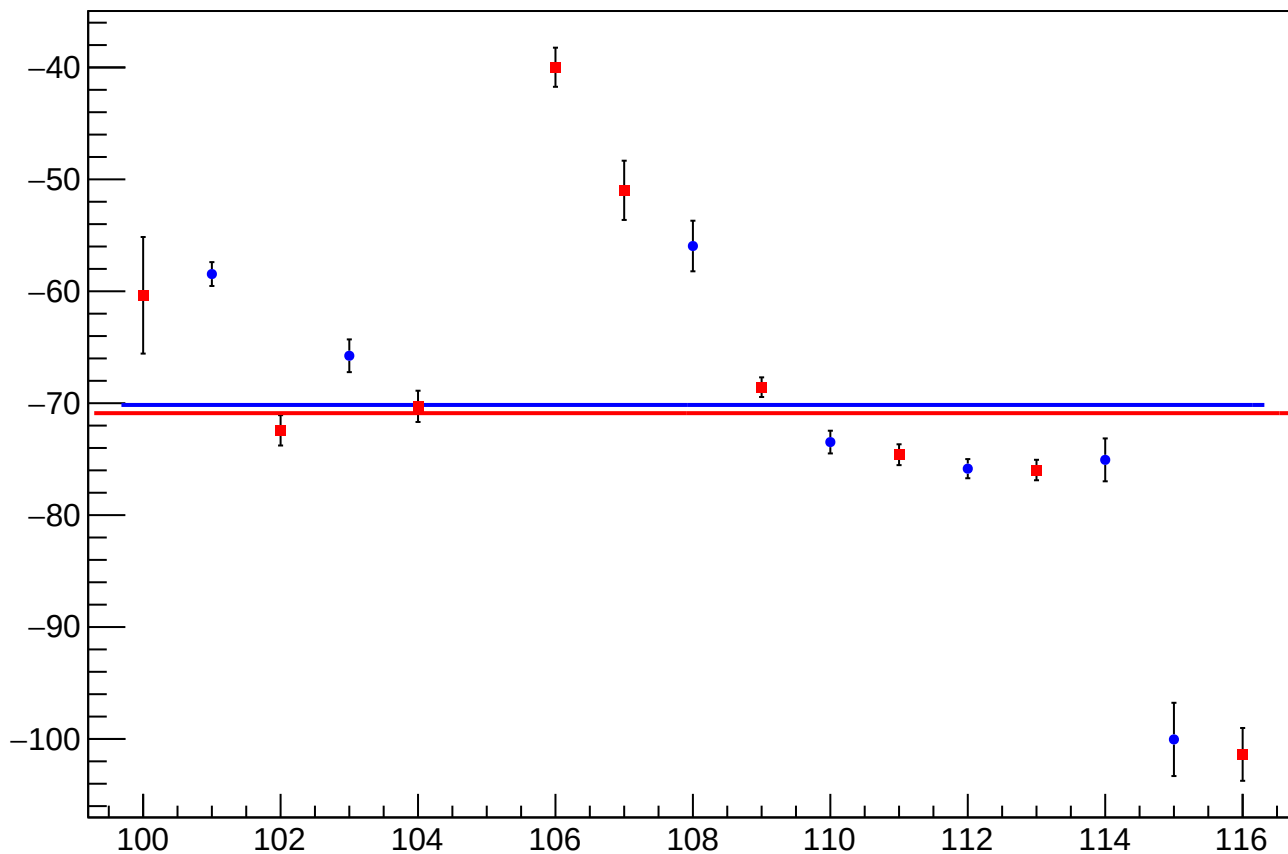
Right: 1.273+/-0.353 χ^2/NDF : 879.8/15

In: 2.499+/-0.529 χ^2/NDF : 556.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.273+/-0.353 χ^2/NDF : 879.8/15

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.155+/-0.485 χ^2/NDF : 313.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.890+/-0.431 χ^2/NDF : 595.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

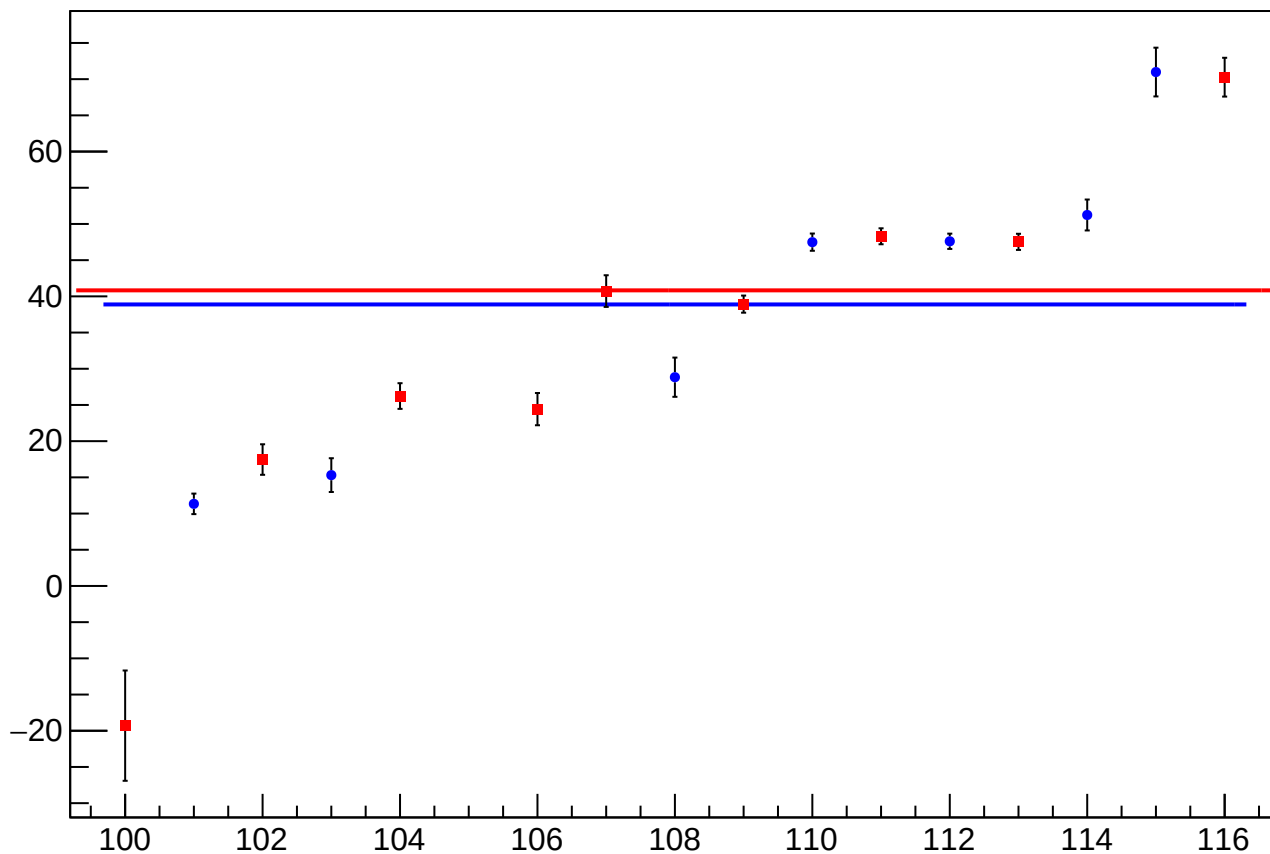
Right: -70.566+/-0.322 χ^2/NDF : 910.4/15

In: -70.155+/-0.485 χ^2/NDF : 313.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.566+/-0.322 χ^2/NDF : 910.4/15

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.883+/-0.606 χ^2/NDF : 738.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.829+/-0.538 χ^2/NDF : 512.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

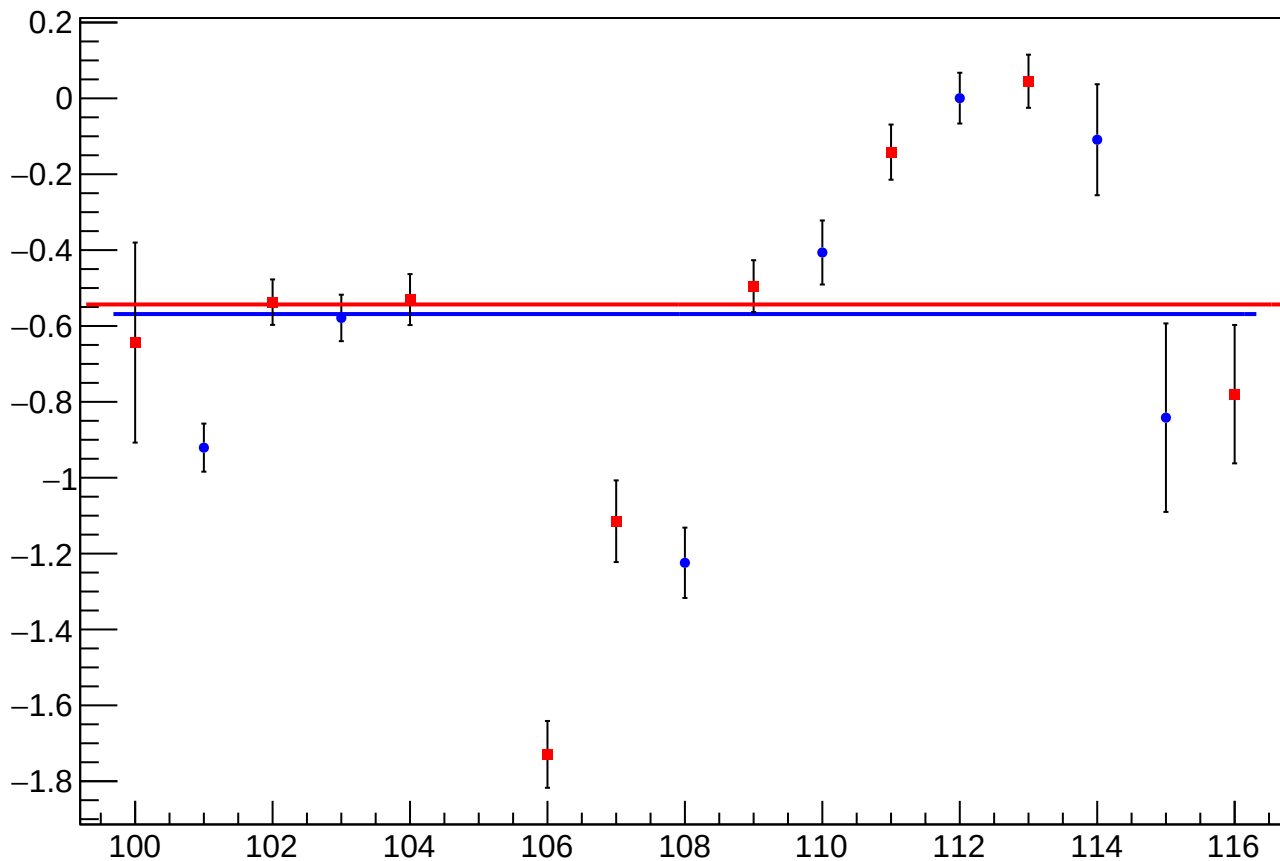
Right: 39.970+/-0.402 χ^2/NDF : 1256.5/15

In: 38.883+/-0.606 χ^2/NDF : 738.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.970+/-0.402 χ^2/NDF : 1256.5/15

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.569+/-0.031 χ^2/NDF : 168.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.543+/-0.027 χ^2/NDF : 312.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

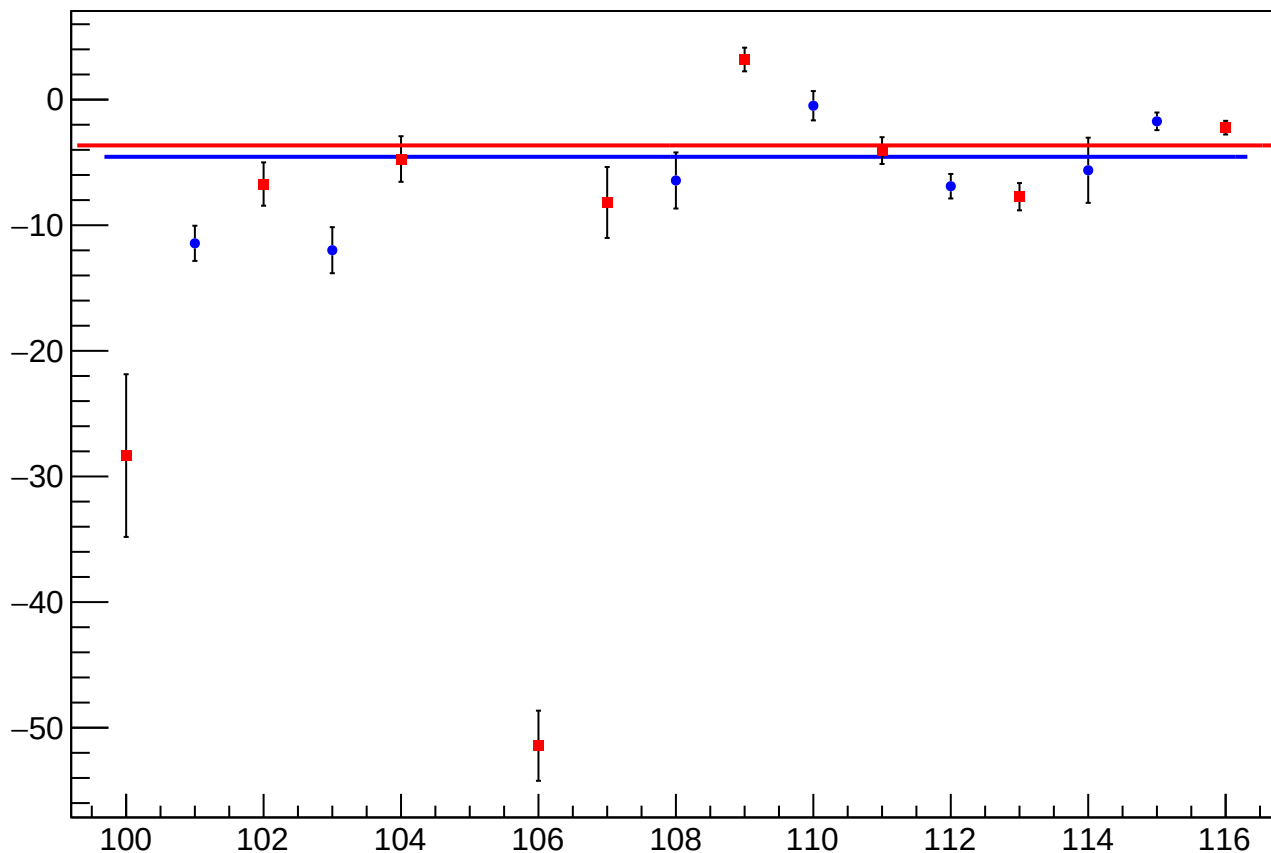
Right: -0.554+/-0.020 χ^2/NDF : 481.3/15

In: -0.569+/-0.031 χ^2/NDF : 168.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.554+/-0.020 χ^2/NDF : 481.3/15

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.553+/-0.449 χ^2/NDF : 75.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.646+/-0.374 χ^2/NDF : 387.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

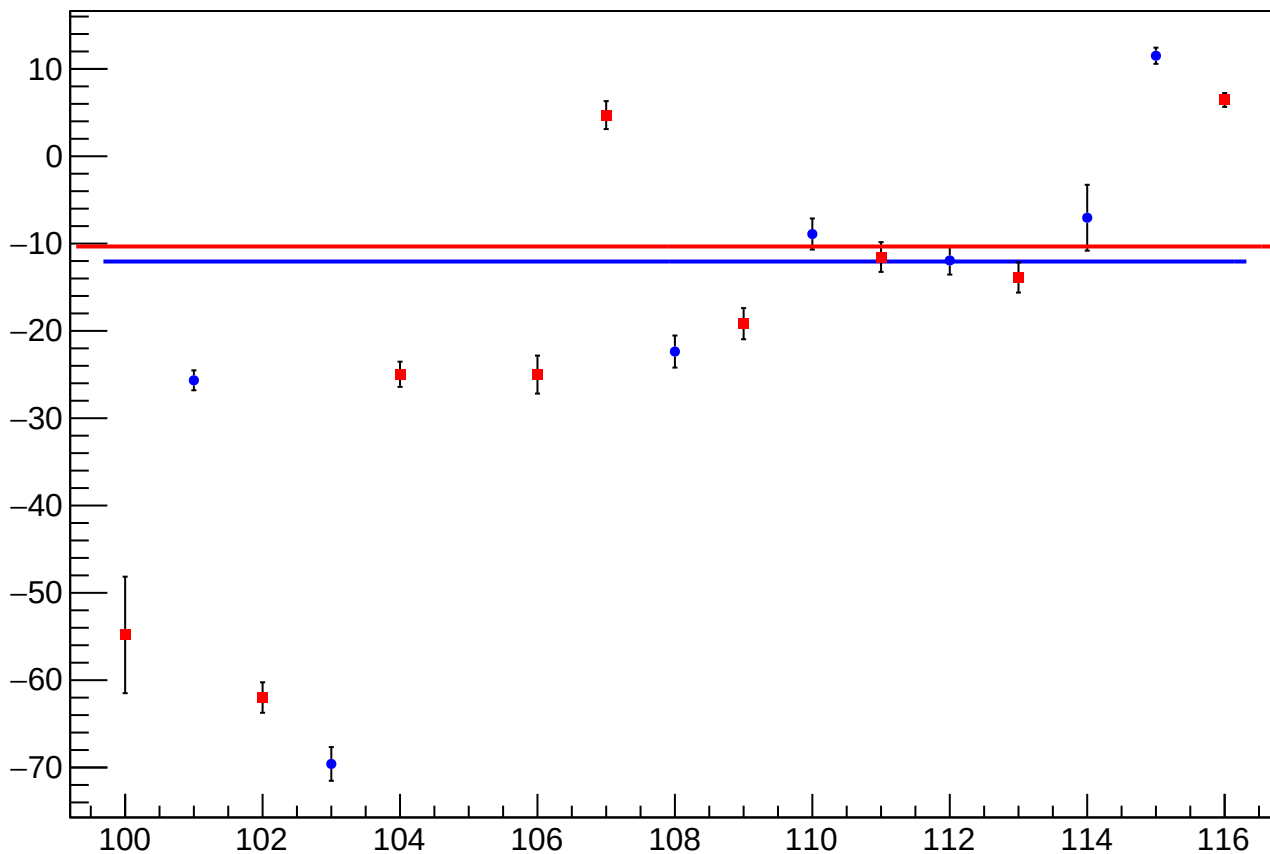
Right: -4.018+/-0.287 χ^2/NDF : 465.4/15

In: -4.553+/-0.449 χ^2/NDF : 75.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.018+/-0.287 χ^2/NDF : 465.4/15

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.055 $\pm$ 0.553 χ^2 /NDF: 1716.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.332 $\pm$ 0.500 χ^2 /NDF: 1631.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

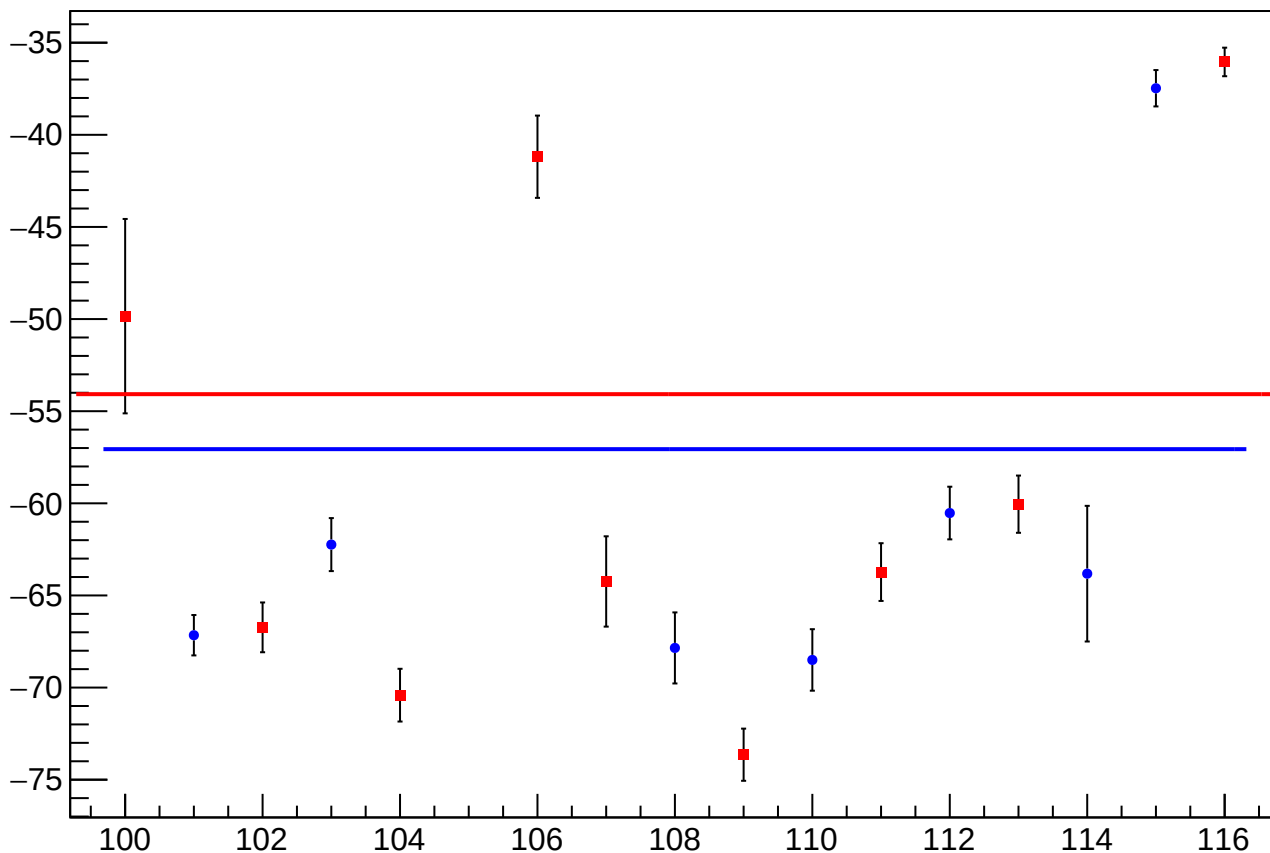
Right: -11.106 $\pm$ 0.371 χ^2 /NDF: 3353.8/15

In: -12.055 $\pm$ 0.553 χ^2 /NDF:1716.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.106 $\pm$ 0.371 χ^2 /NDF: 3353.8/15

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -57.060 $\pm$ 0.532 χ^2 /NDF: 579.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -54.076 $\pm$ 0.475 χ^2 /NDF: 1054.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

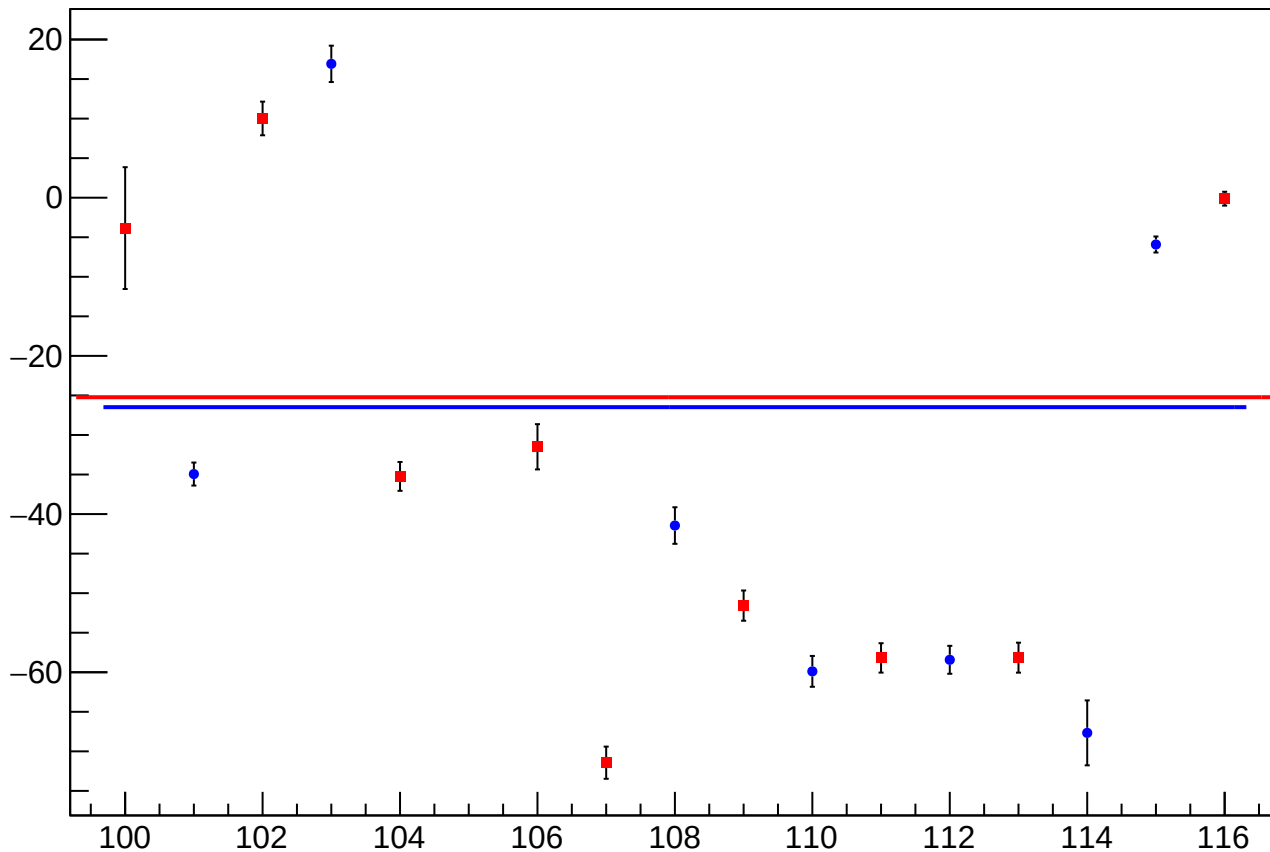
Right: -55.401 $\pm$ 0.354 χ^2 /NDF: 1651.4/15

In: -57.060 $\pm$ 0.532 χ^2 /NDF:579.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.401 $\pm$ 0.354 χ^2 /NDF: 1651.4/15

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.482 $\pm$ 0.637 χ^2 /NDF: 1566.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.227 $\pm$ 0.573 χ^2 /NDF: 2461.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

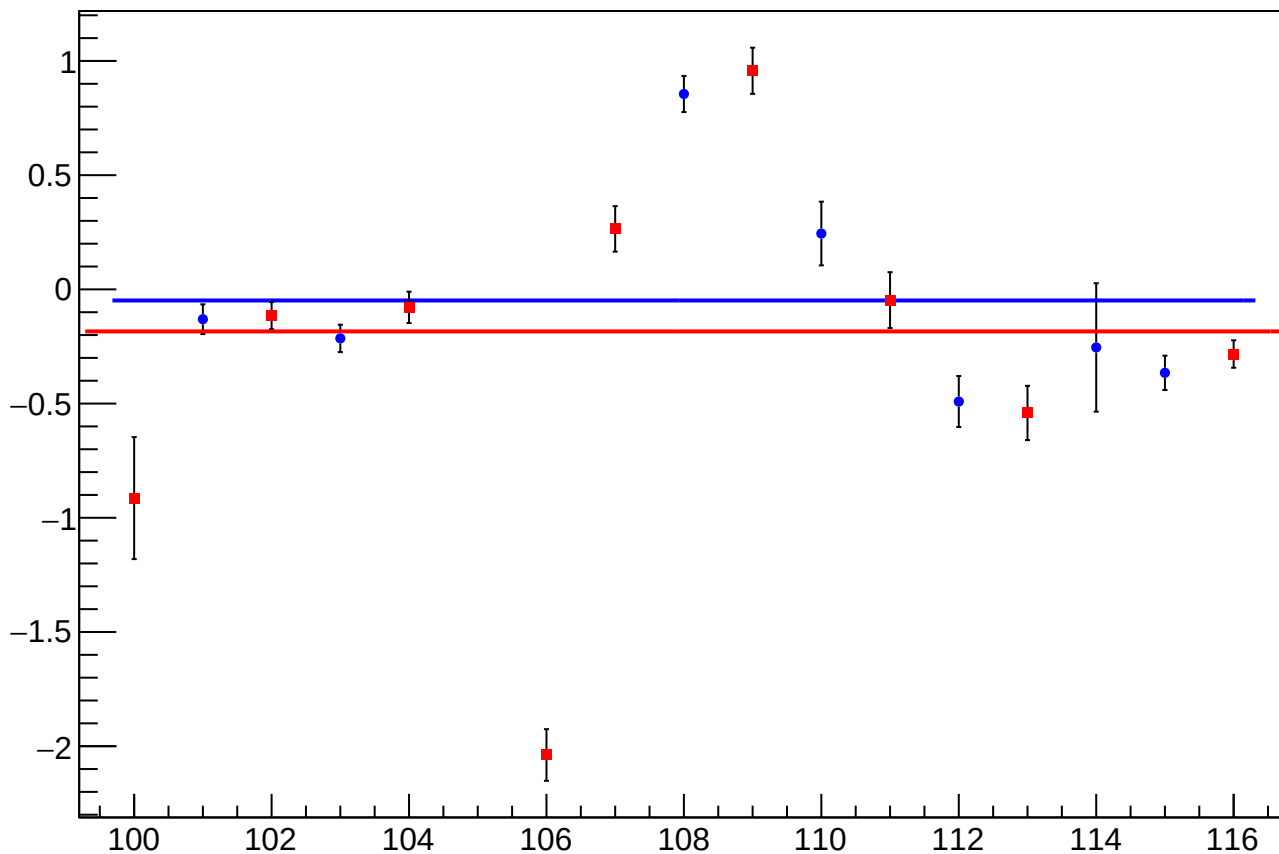
Right: -25.788 $\pm$ 0.426 χ^2 /NDF: 4030.4/15

In: -26.482 $\pm$ 0.637 χ^2 /NDF:1566.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.788 $\pm$ 0.426 χ^2 /NDF: 4030.4/15

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.049+/-0.032 χ^2 /NDF: 178.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.184+/-0.029 χ^2 /NDF: 440.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

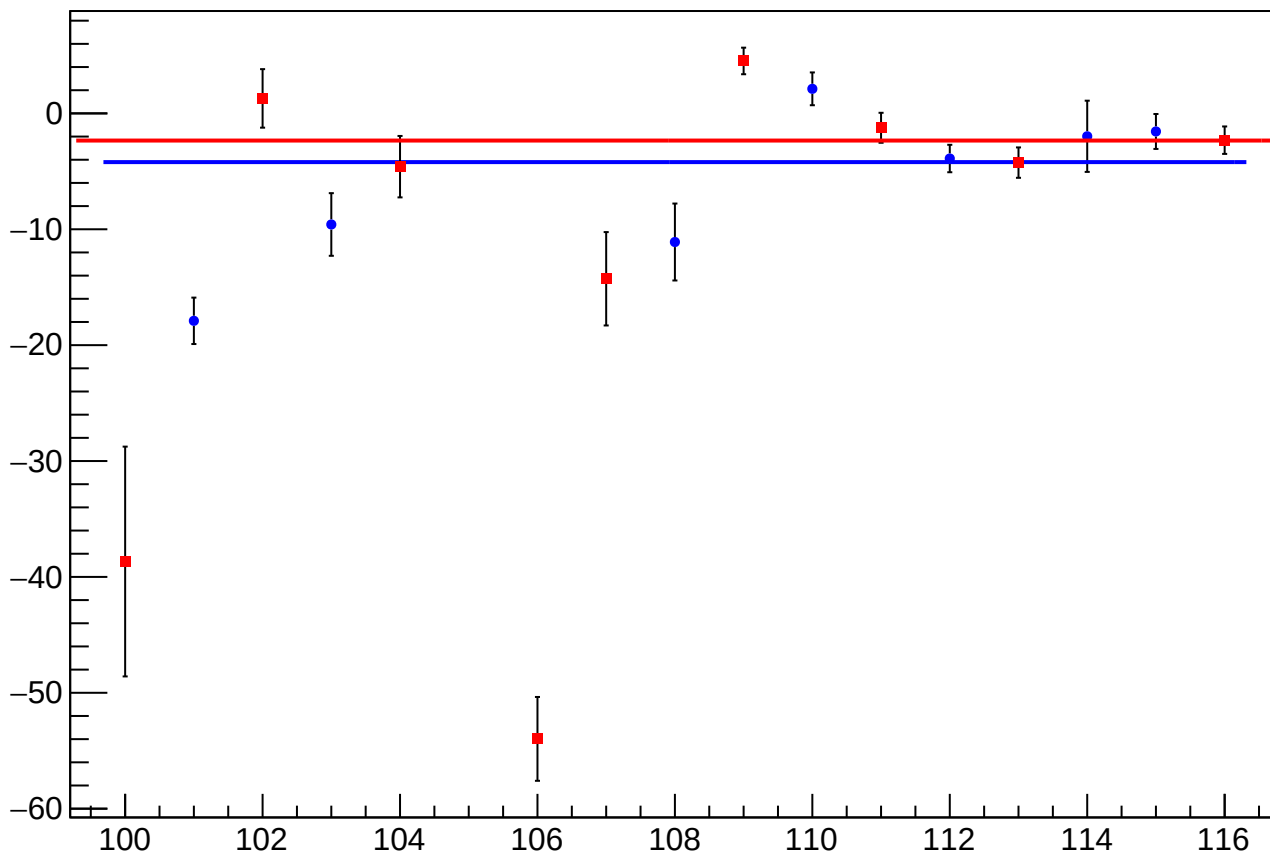
Right: -0.123+/-0.021 χ^2 /NDF: 629.1/15

In: -0.049+/-0.032 χ^2 /NDF:178.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.123+/-0.021 χ^2 /NDF: 629.1/15

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.204 $\pm$ 0.669 χ^2 /NDF: 78.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.344 $\pm$ 0.568 χ^2 /NDF: 267.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

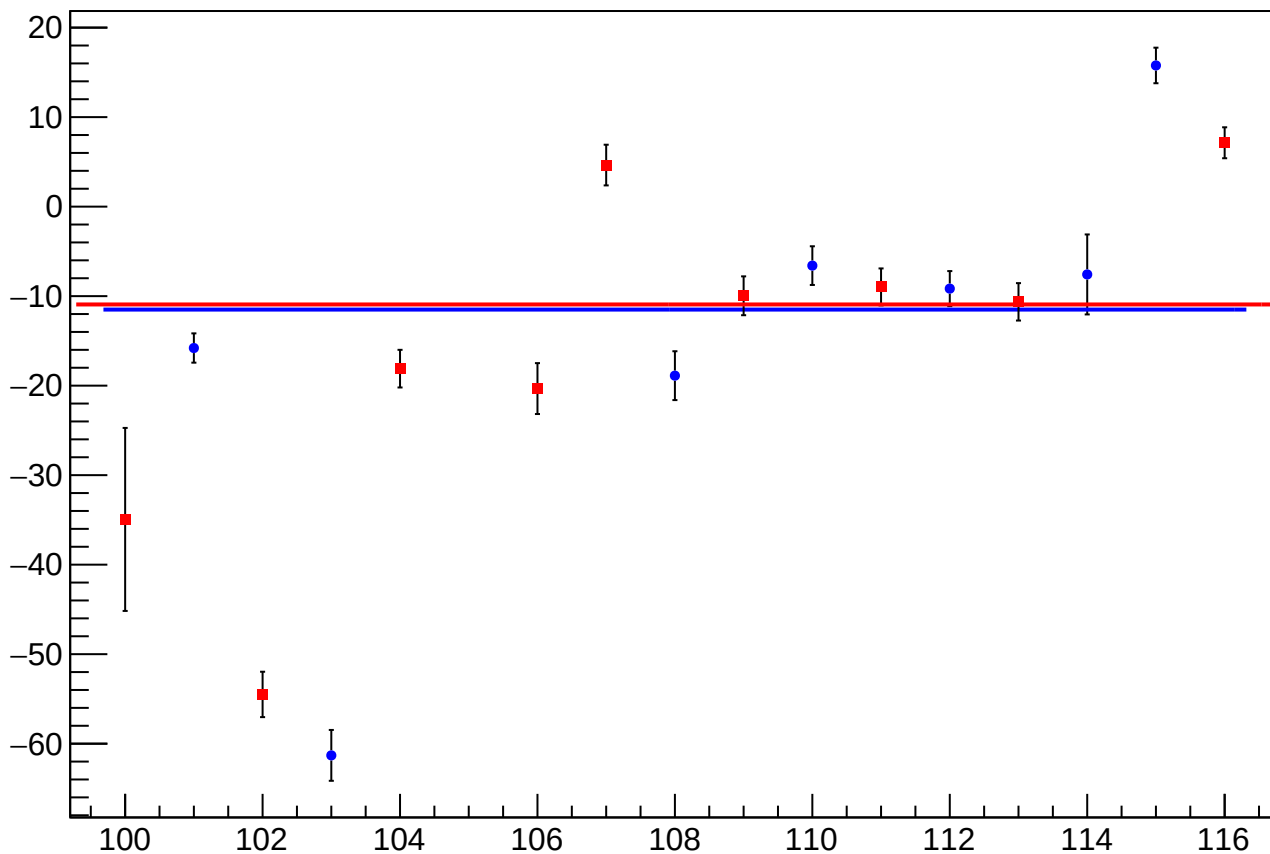
Right: -3.123 $\pm$ 0.433 χ^2 /NDF: 350.7/15

In: -4.204 $\pm$ 0.669 χ^2 /NDF:78.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.123 $\pm$ 0.433 χ^2 /NDF: 350.7/15

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.502 $\pm$ 0.842 χ^2 /NDF: 517.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.930 $\pm$ 0.763 χ^2 /NDF: 480.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

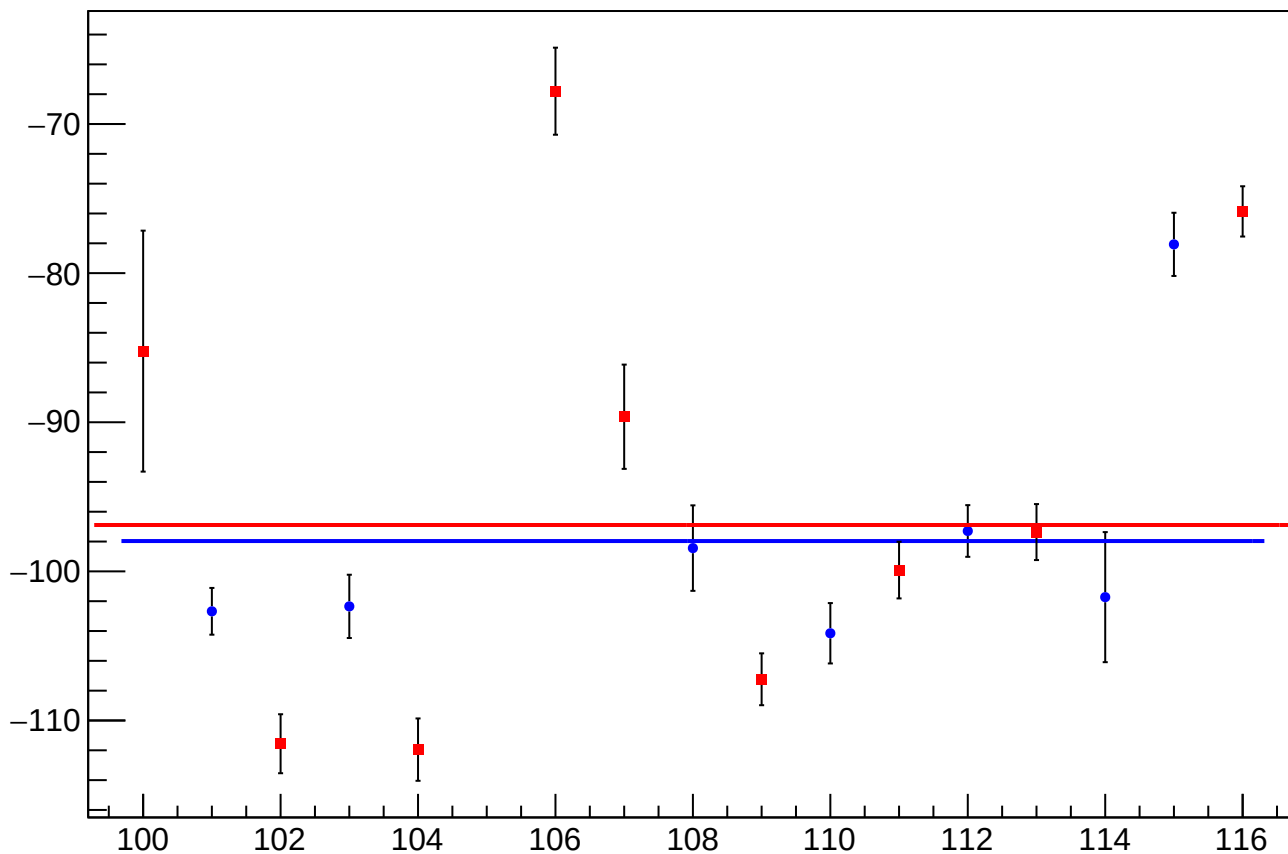
Right: -11.188 $\pm$ 0.565 χ^2 /NDF: 998.1/15

In: -11.502 $\pm$ 0.842 χ^2 /NDF:517.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.188 $\pm$ 0.565 χ^2 /NDF: 998.1/15

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -97.967 $\pm$ 0.790 χ^2 /NDF: 111.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -96.890 $\pm$ 0.718 χ^2 /NDF: 406.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

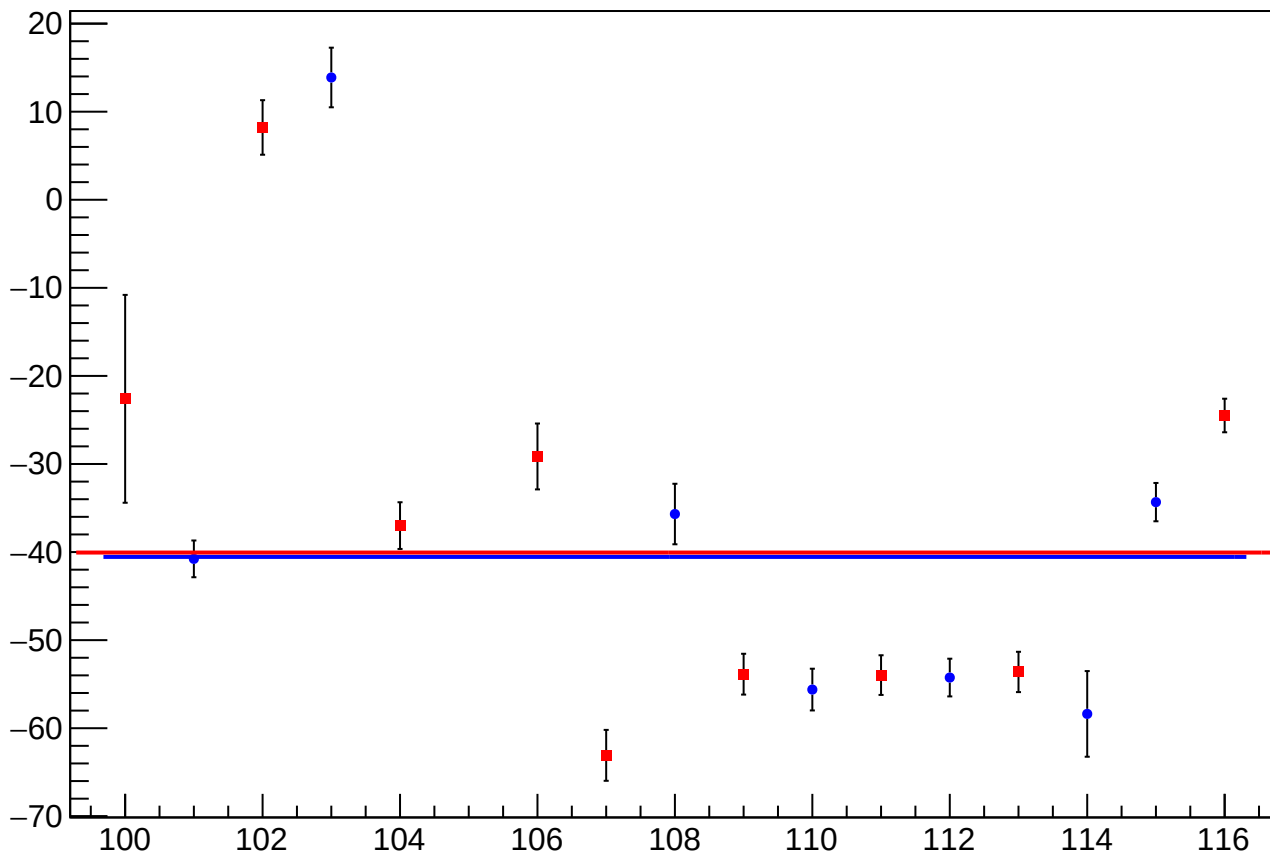
Right: -97.377 $\pm$ 0.531 χ^2 /NDF: 519.0/15

In: -97.967 $\pm$ 0.790 χ^2 /NDF:111.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -97.377 $\pm$ 0.531 χ^2 /NDF: 519.0/15

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -40.550+/-0.975 χ^2/NDF : 363.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.055+/-0.879 χ^2/NDF : 493.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

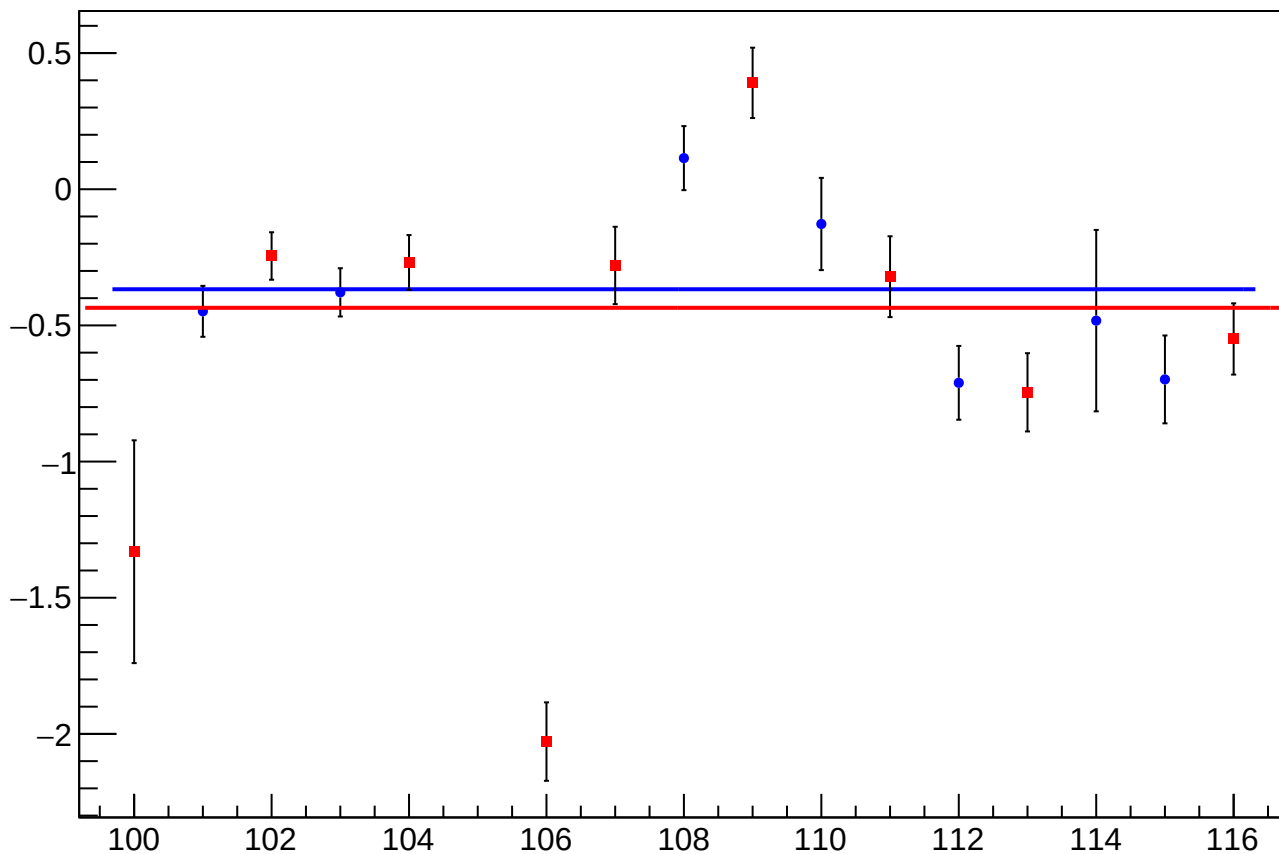
Right: -40.277+/-0.653 χ^2/NDF : 857.6/15

In: -40.550+/-0.975 χ^2/NDF : 363.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.277+/-0.653 χ^2/NDF : 857.6/15

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.367 ± 0.047 χ^2/NDF : 30.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.435 ± 0.043 χ^2/NDF : 182.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

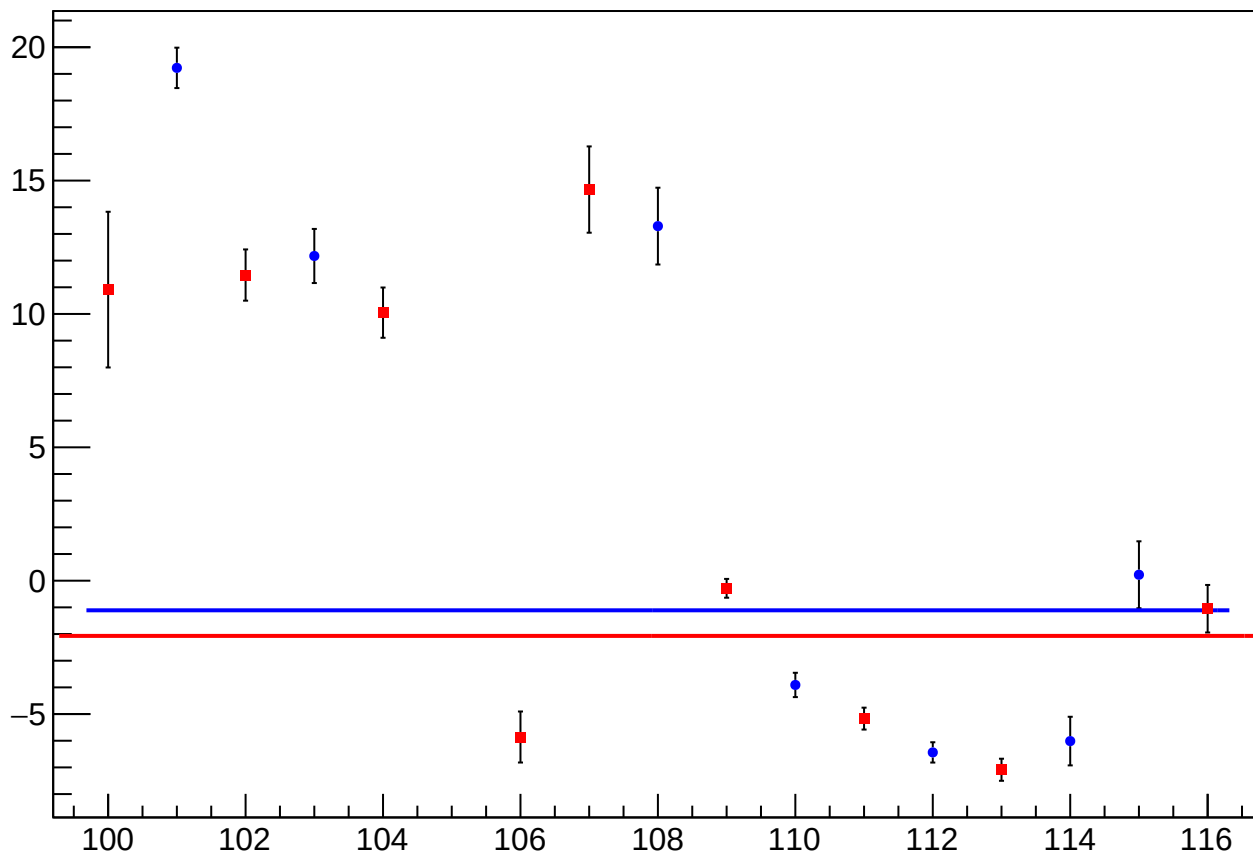
Right: -0.405 ± 0.032 χ^2/NDF : 214.2/15

In: -0.367 ± 0.047 χ^2/NDF : 30.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.405 ± 0.032 χ^2/NDF : 214.2/15

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.110 ± 0.244 χ^2/NDF : 1256.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.070 ± 0.200 χ^2/NDF : 737.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

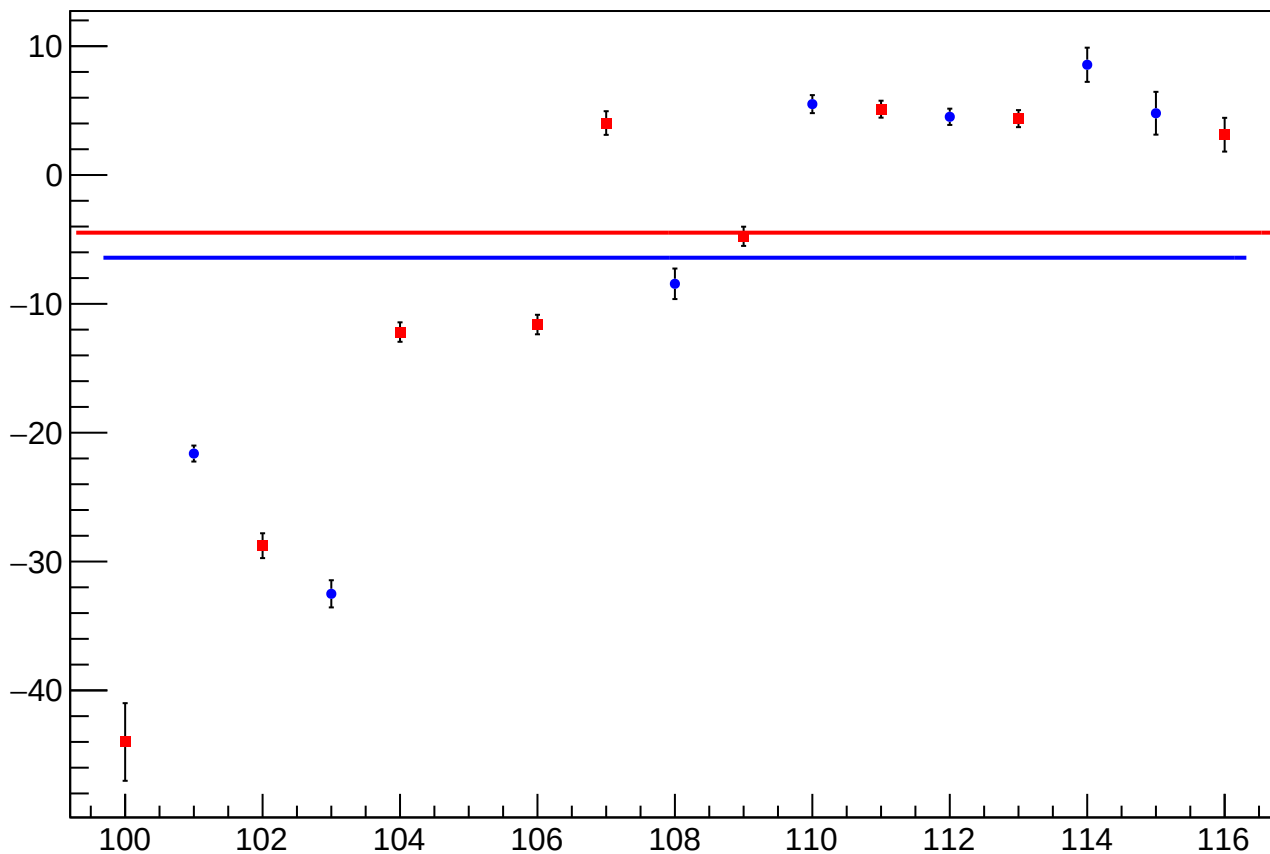
Right: -1.684 ± 0.155 χ^2/NDF : 2002.7/15

In: -1.110 ± 0.244 χ^2/NDF : 1256.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.684 ± 0.155 χ^2/NDF : 2002.7/15

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.419+/-0.321 χ^2 /NDF: 1977.9/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.474+/-0.279 χ^2 /NDF: 1511.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

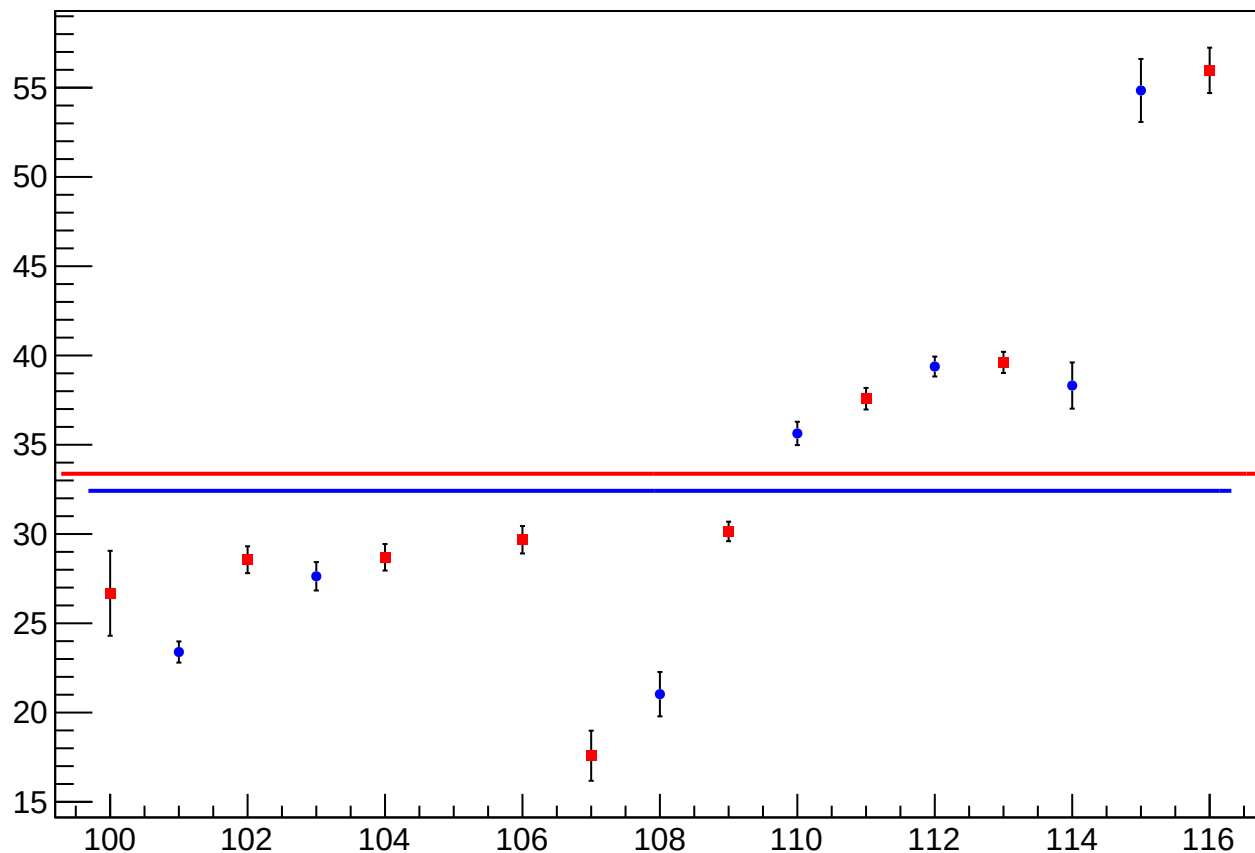
Right: -5.310+/-0.211 χ^2 /NDF: 3510.6/15

In: -6.419+/-0.321 χ^2 /NDF:1977.9/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.310+/-0.211 χ^2 /NDF: 3510.6/15

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.420 $\pm$ 0.294 χ^2 /NDF: 714.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.376 $\pm$ 0.254 χ^2 /NDF: 748.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

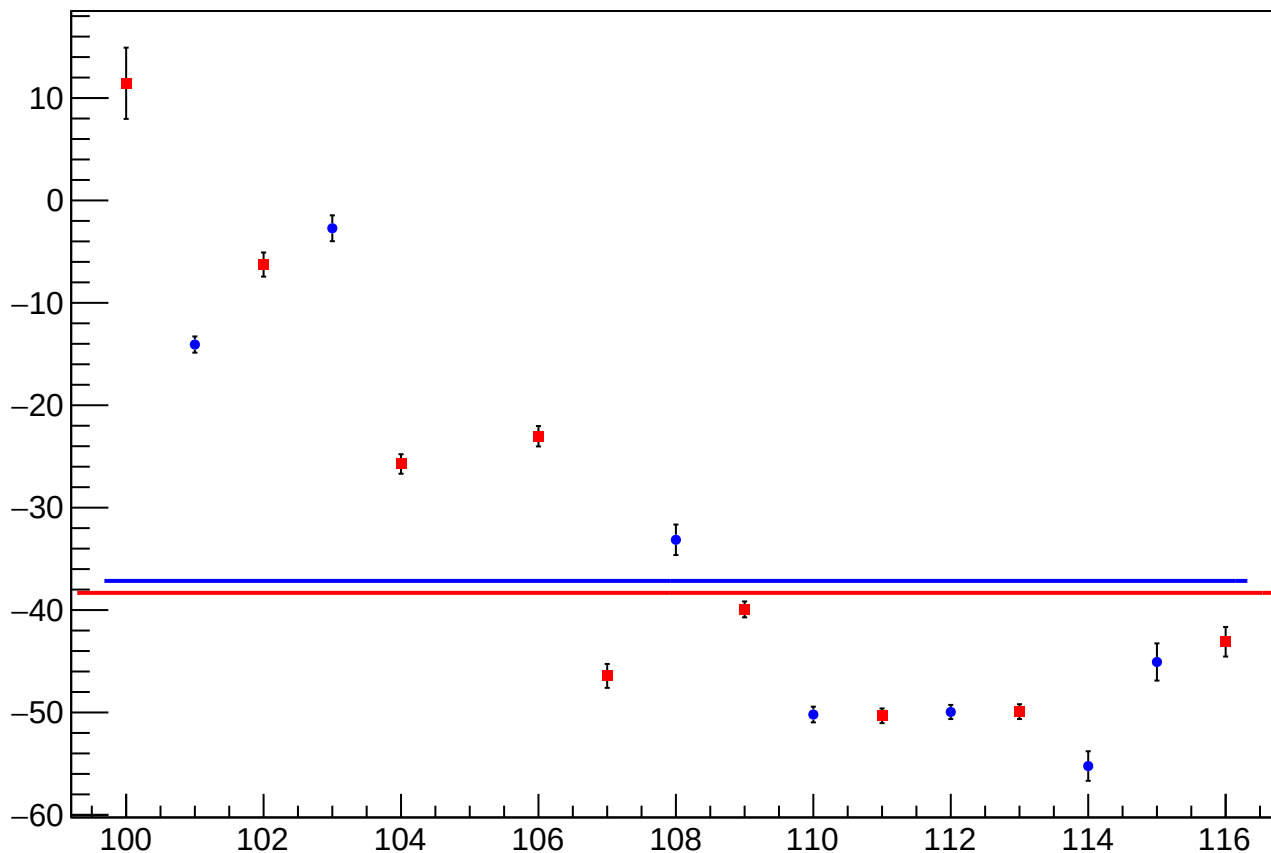
Right: 32.968 $\pm$ 0.192 χ^2 /NDF: 1468.2/15

In: 32.420 $\pm$ 0.294 χ^2 /NDF:714.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.968 $\pm$ 0.192 χ^2 /NDF: 1468.2/15

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.152 $\pm$ 0.371 χ^2 /NDF: 2412.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.321 $\pm$ 0.322 χ^2 /NDF: 1958.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

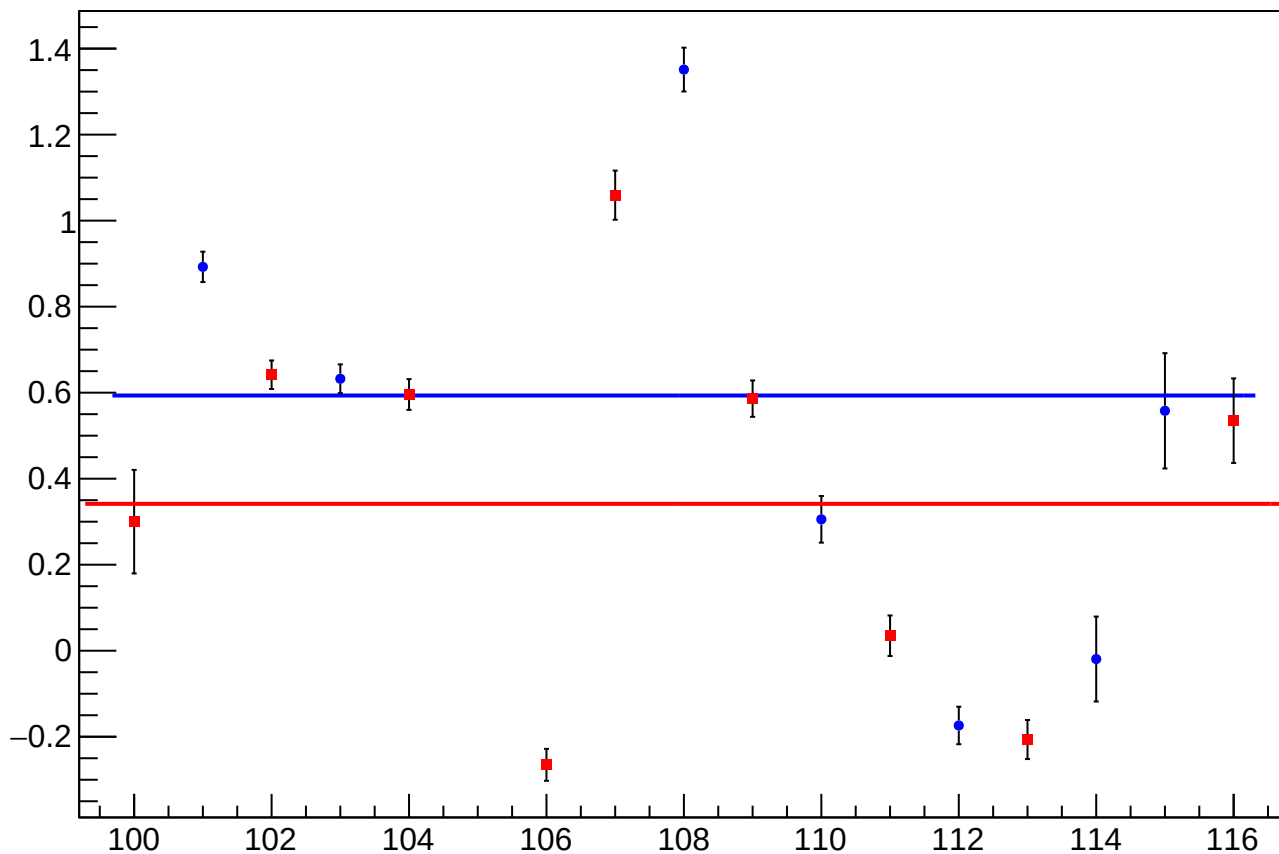
Right: -37.819 $\pm$ 0.243 χ^2 /NDF: 4377.2/15

In: -37.152 $\pm$ 0.371 χ^2 /NDF:2412.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.819 $\pm$ 0.243 χ^2 /NDF: 4377.2/15

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.593+/-0.018 χ^2/NDF : 671.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.342+/-0.015 χ^2/NDF : 783.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

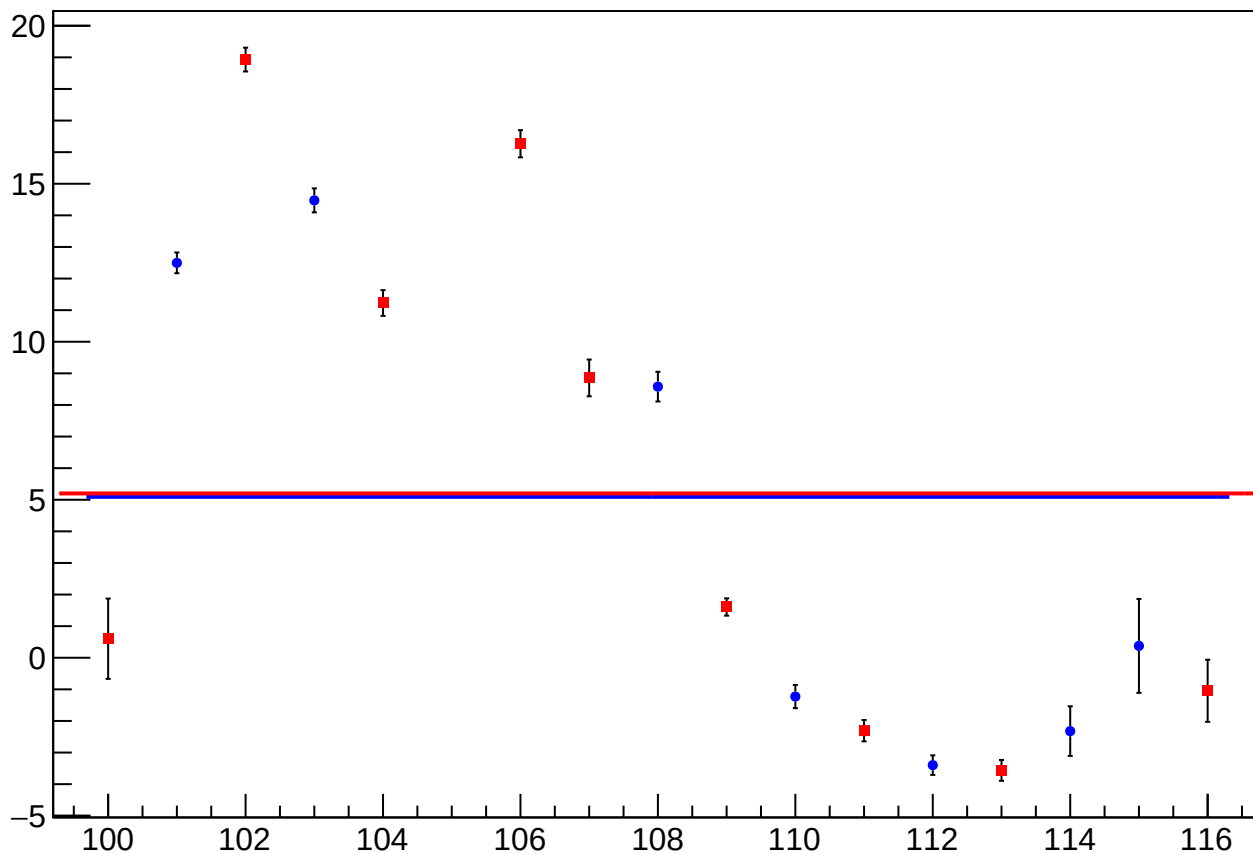
Right: 0.446+/-0.012 χ^2/NDF : 1570.0/15

In: 0.593+/-0.018 χ^2/NDF : 671.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.446+/-0.012 χ^2/NDF : 1570.0/15

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.094+/-0.157 χ^2/NDF : 2316.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.200+/-0.136 χ^2/NDF : 3671.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

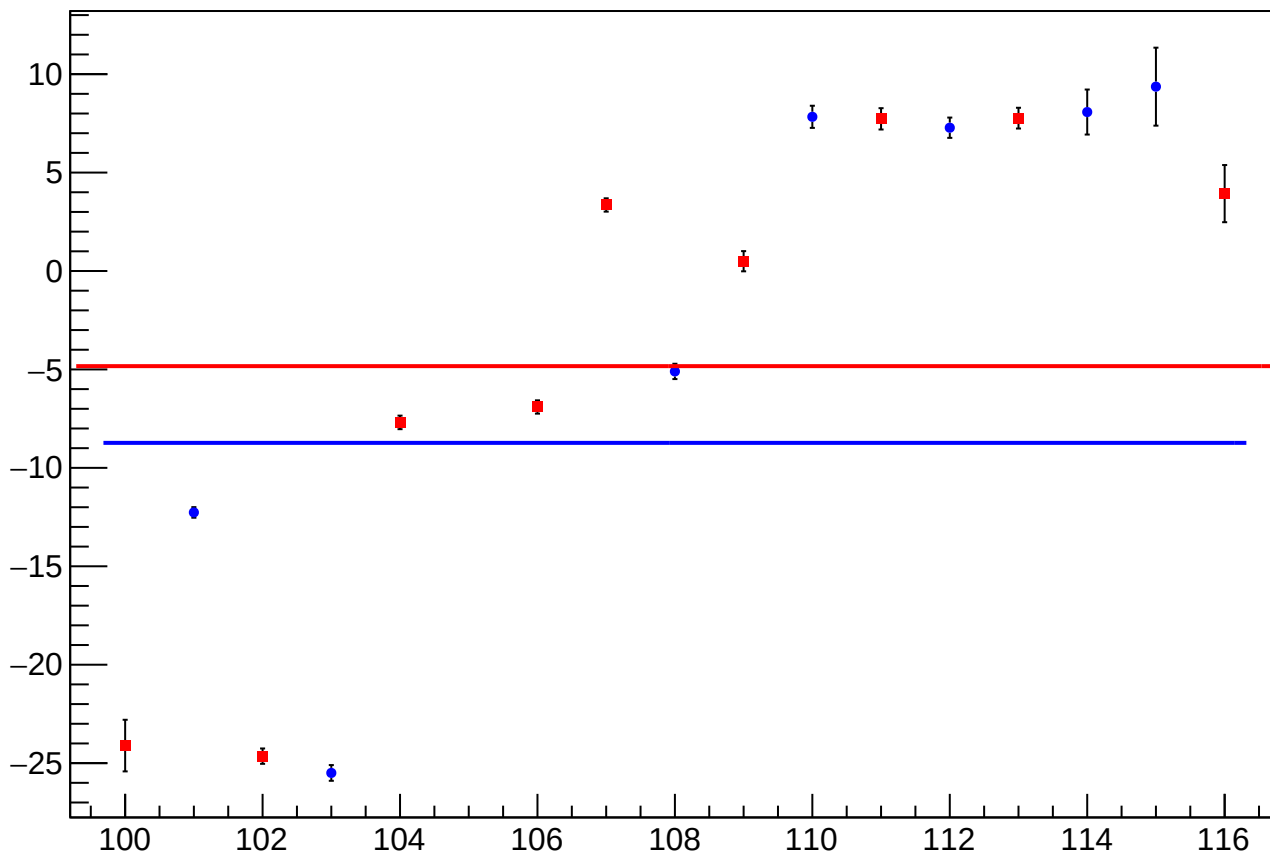
Right: 5.154+/-0.103 χ^2/NDF : 5987.8/15

In: 5.094+/-0.157 χ^2/NDF :2316.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.154+/-0.103 χ^2/NDF : 5987.8/15

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.730+/-0.170 χ^2/NDF : 4152.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.833+/-0.150 χ^2/NDF : 4747.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

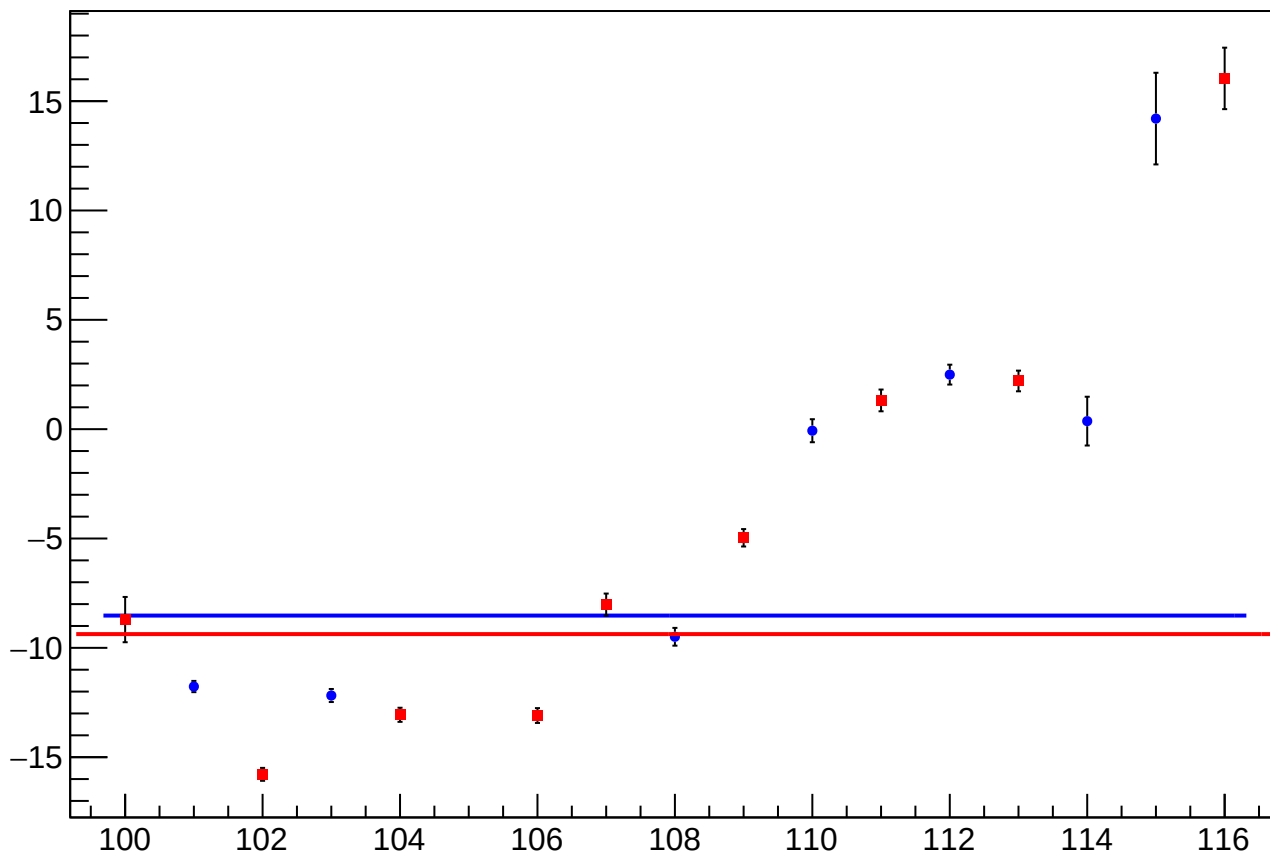
Right: -6.542+/-0.112 χ^2/NDF : 9195.3/15

In: -8.730+/-0.170 χ^2/NDF : 4152.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.542+/-0.112 χ^2/NDF : 9195.3/15

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.524+/-0.154 χ^2/NDF : 1342.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.371+/-0.141 χ^2/NDF : 2241.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

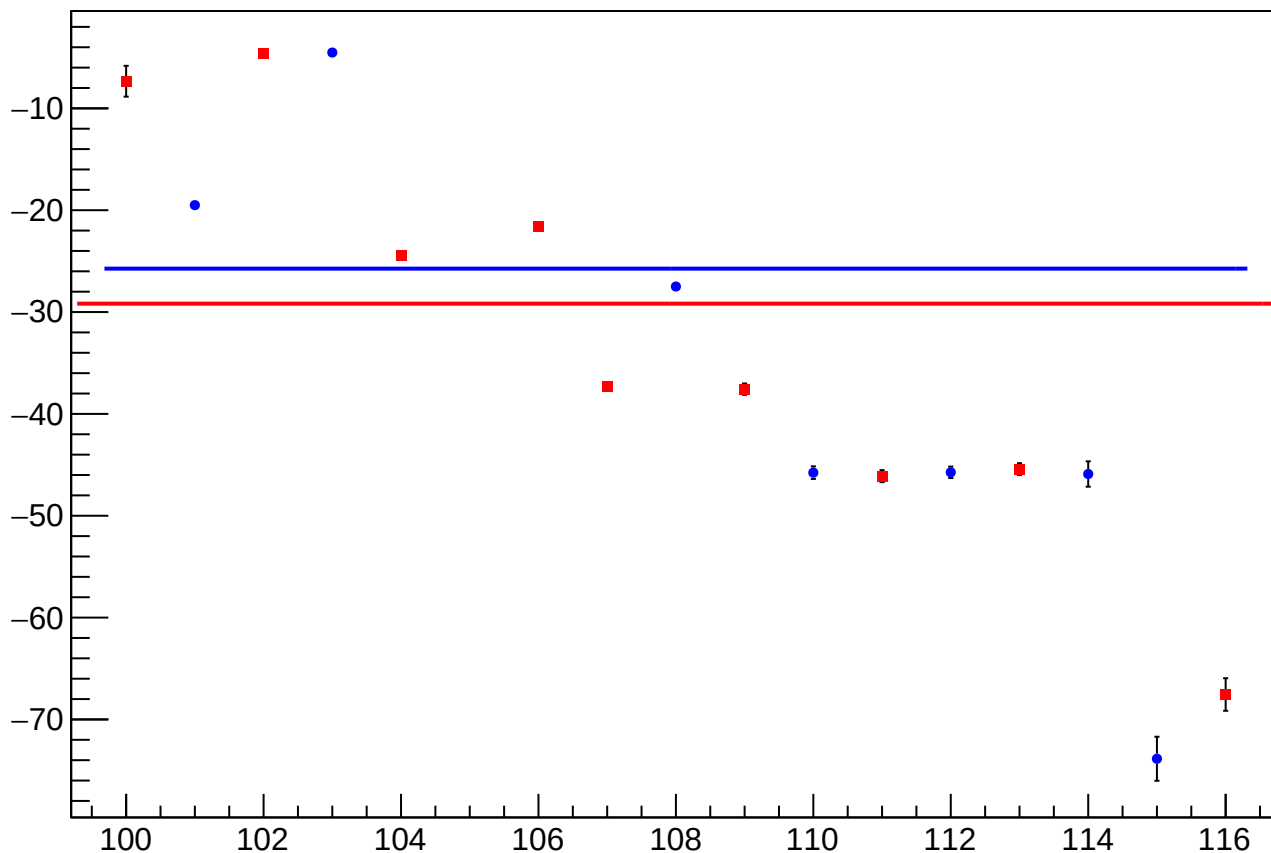
Right: -8.985+/-0.104 χ^2/NDF : 3599.7/15

In: -8.524+/-0.154 χ^2/NDF : 1342.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.985+/-0.104 χ^2/NDF : 3599.7/15

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.736 $\pm$ 0.205 χ^2 /NDF: 5403.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.175 $\pm$ 0.182 χ^2 /NDF: 6105.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

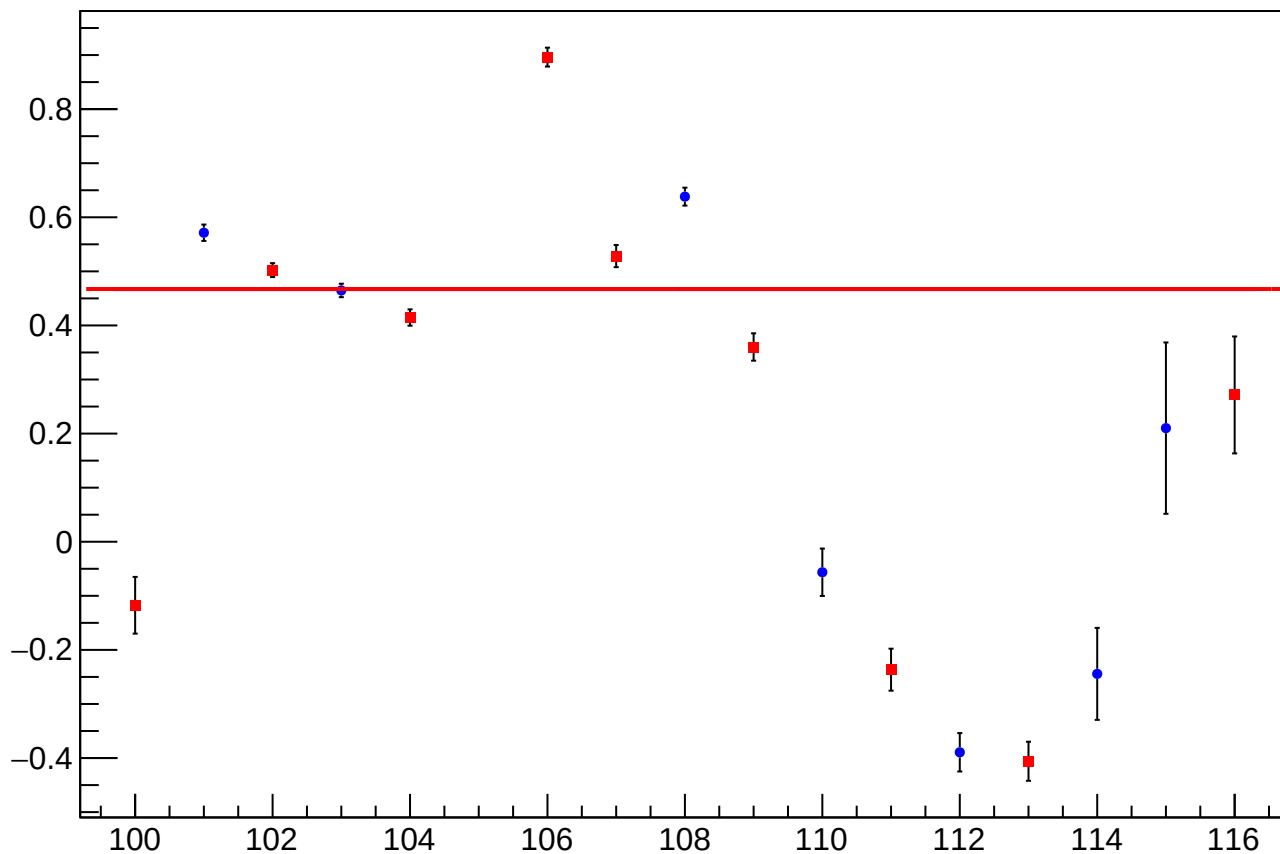
Right: -27.662 $\pm$ 0.136 χ^2 /NDF: 11666.9/15

In: -25.736 $\pm$ 0.205 χ^2 /NDF:5403.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.662 $\pm$ 0.136 χ^2 /NDF: 11666.9/15

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.467+/-0.008 χ^2/NDF : 950.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.467+/-0.007 χ^2/NDF : 1689.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

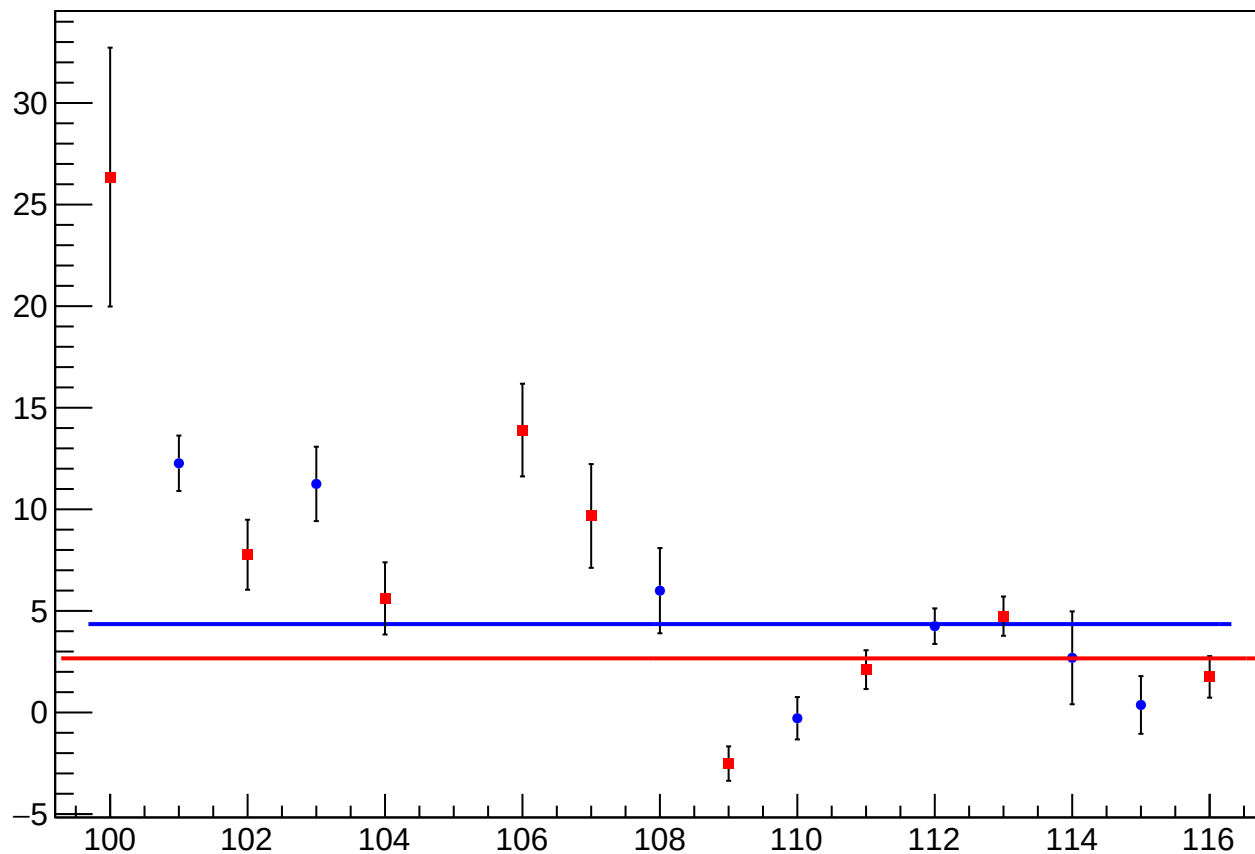
Right: 0.467+/-0.005 χ^2/NDF : 2640.2/15

In: 0.467+/-0.008 χ^2/NDF : 950.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.467+/-0.005 χ^2/NDF : 2640.2/15

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.350+/-0.501 χ^2/NDF : 76.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.663+/-0.425 χ^2/NDF : 100.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

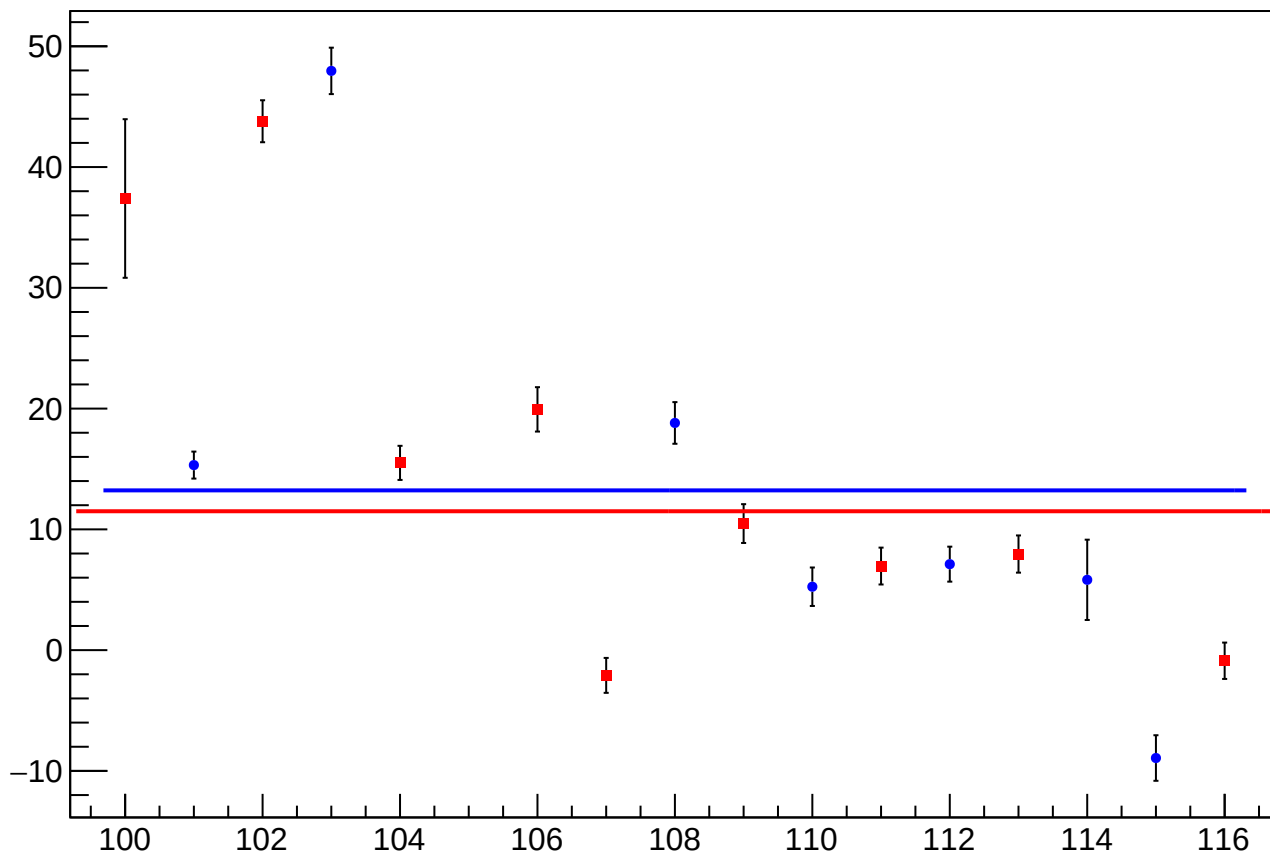
Right: 3.368+/-0.324 χ^2/NDF : 183.5/15

In: 4.350+/-0.501 χ^2/NDF : 76.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.368+/-0.324 χ^2/NDF : 183.5/15

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.228+/-0.614 χ^2/NDF : 526.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.500+/-0.550 χ^2/NDF : 560.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

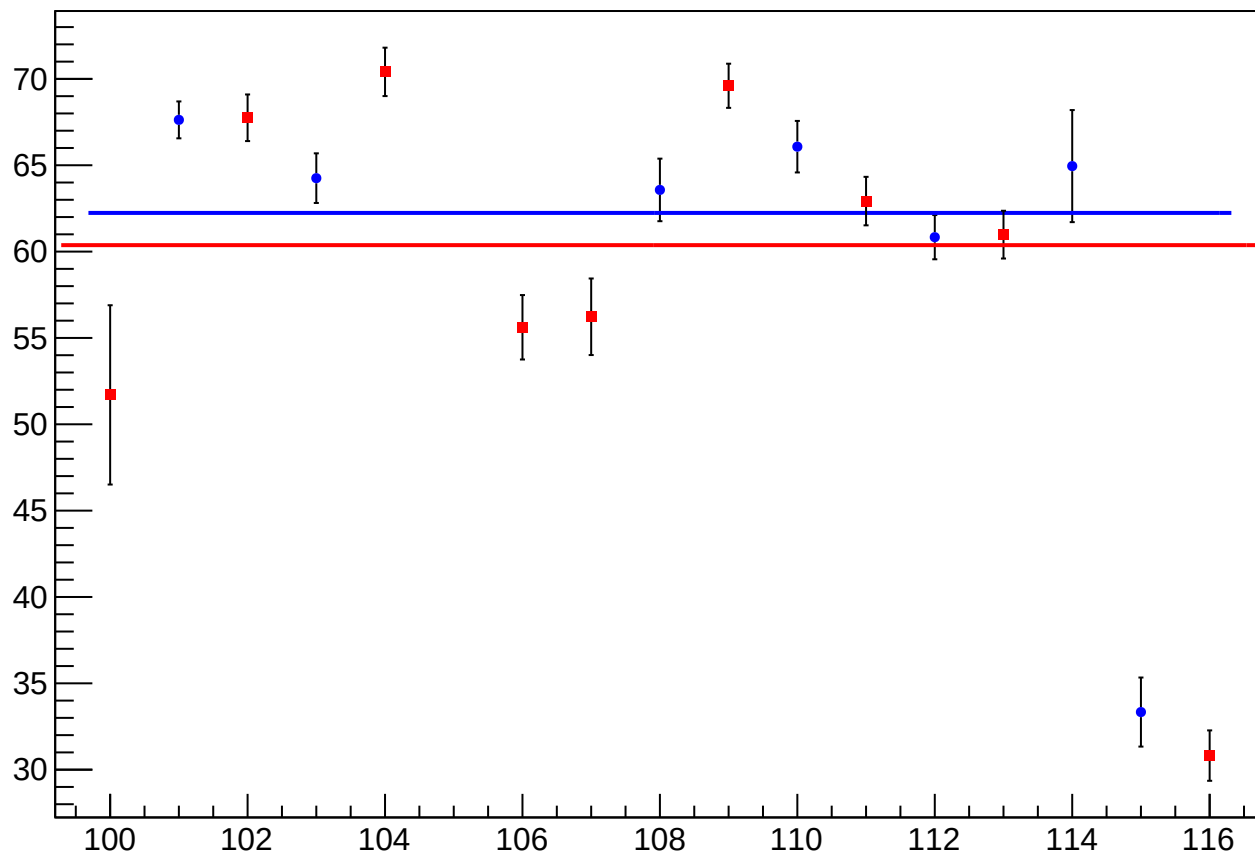
Right: 12.268+/-0.410 χ^2/NDF : 1091.2/15

In: 13.228+/-0.614 χ^2/NDF : 526.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.268+/-0.410 χ^2/NDF : 1091.2/15

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 62.240 $\pm$ 0.571 χ^2 /NDF: 245.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.374 $\pm$ 0.520 χ^2 /NDF: 559.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

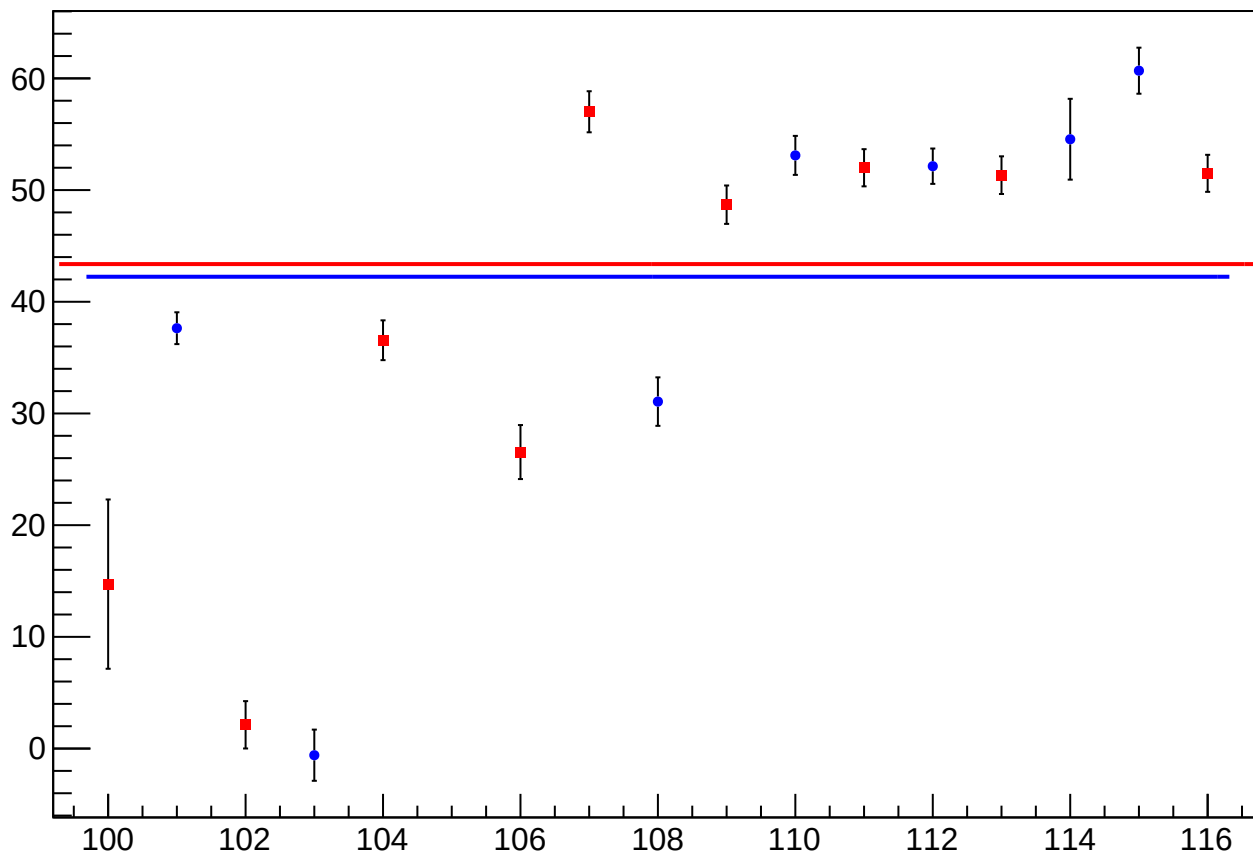
Right: 61.220 $\pm$ 0.384 χ^2 /NDF: 810.9/15

In: 62.240 $\pm$ 0.571 χ^2 /NDF:245.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.220 $\pm$ 0.384 χ^2 /NDF: 810.9/15

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.241+/-0.719 χ^2/NDF : 556.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.374+/-0.641 χ^2/NDF : 593.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

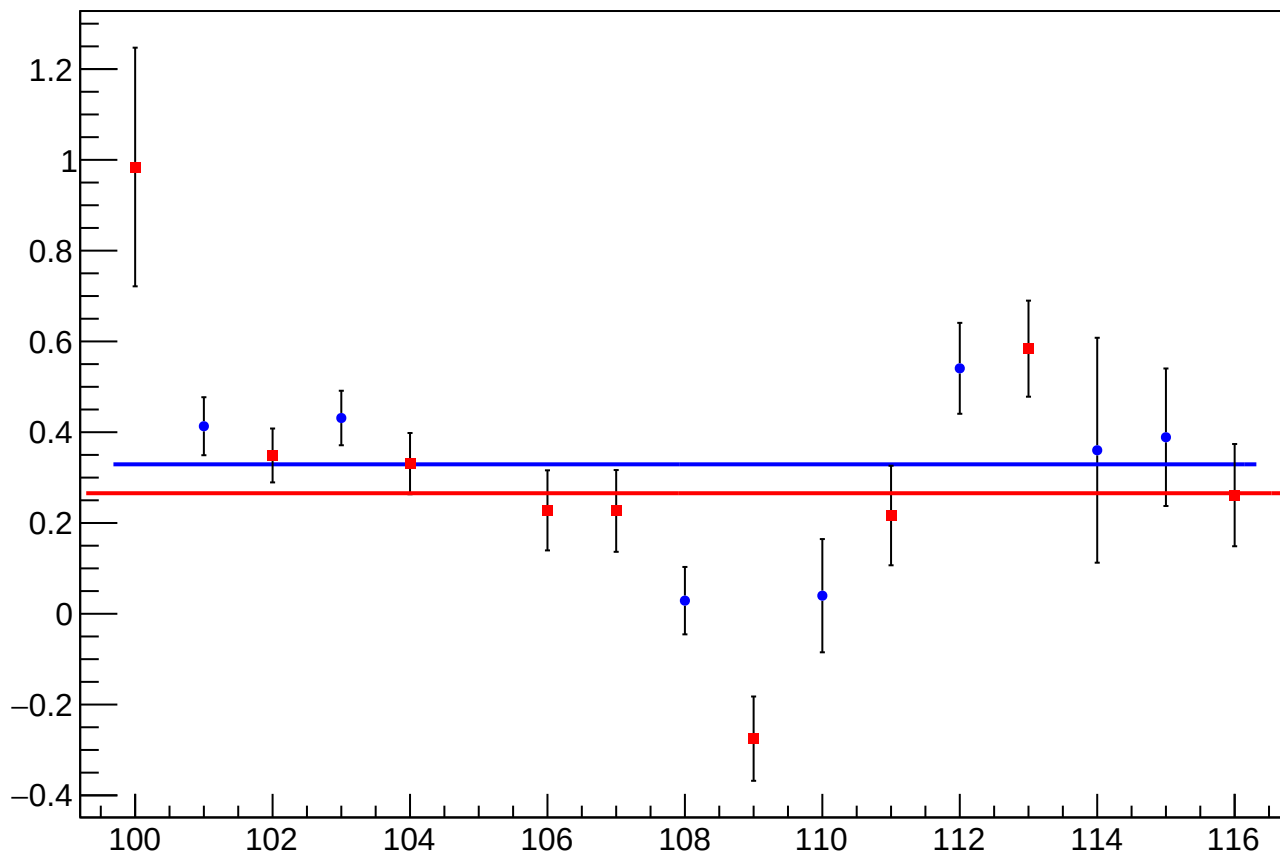
Right: 42.873+/-0.478 χ^2/NDF : 1151.1/15

In: 42.241+/-0.719 χ^2/NDF : 556.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.873+/-0.478 χ^2/NDF : 1151.1/15

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.329 $\pm$ 0.033 χ^2 /NDF: 31.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.266 $\pm$ 0.030 χ^2 /NDF: 53.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

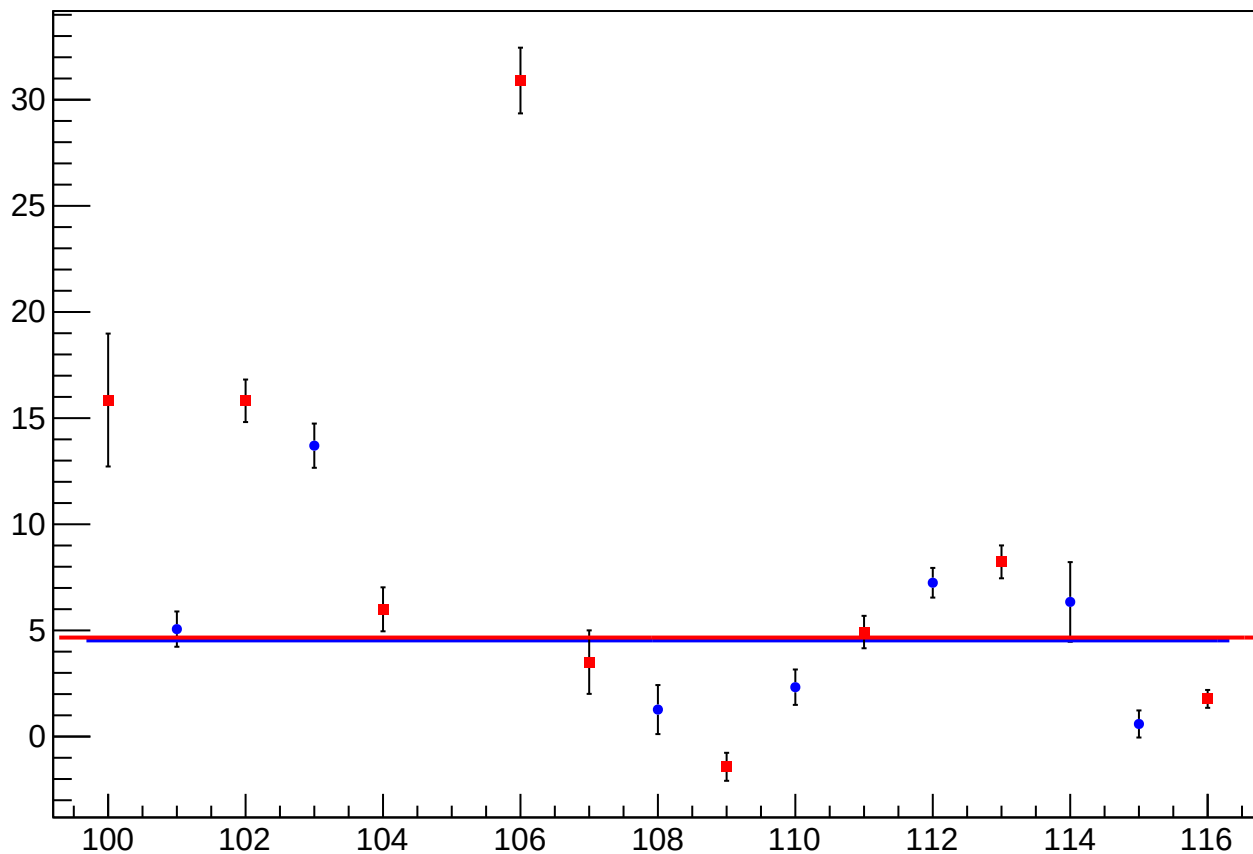
Right: 0.294 $\pm$ 0.022 χ^2 /NDF: 87.0/15

In: 0.329 $\pm$ 0.033 χ^2 /NDF:31.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.294 $\pm$ 0.022 χ^2 /NDF: 87.0/15

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.530+/-0.327 χ^2/NDF : 147.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.664+/-0.265 χ^2/NDF : 580.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

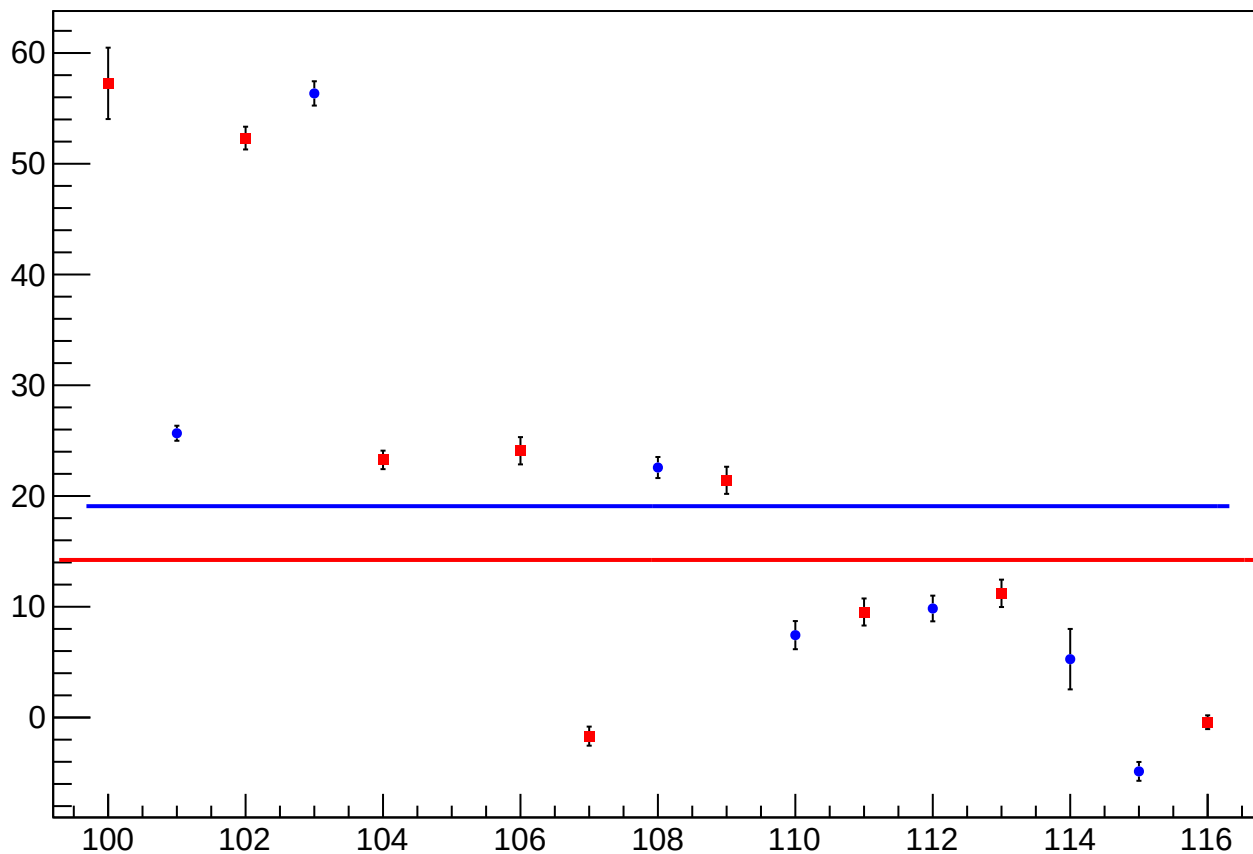
Right: 4.611+/-0.206 χ^2/NDF : 727.1/15

In: 4.530+/-0.327 χ^2/NDF : 147.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.611+/-0.206 χ^2/NDF : 727.1/15

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.082+/-0.378 χ^2/NDF : 2226.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.226+/-0.332 χ^2/NDF : 2687.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

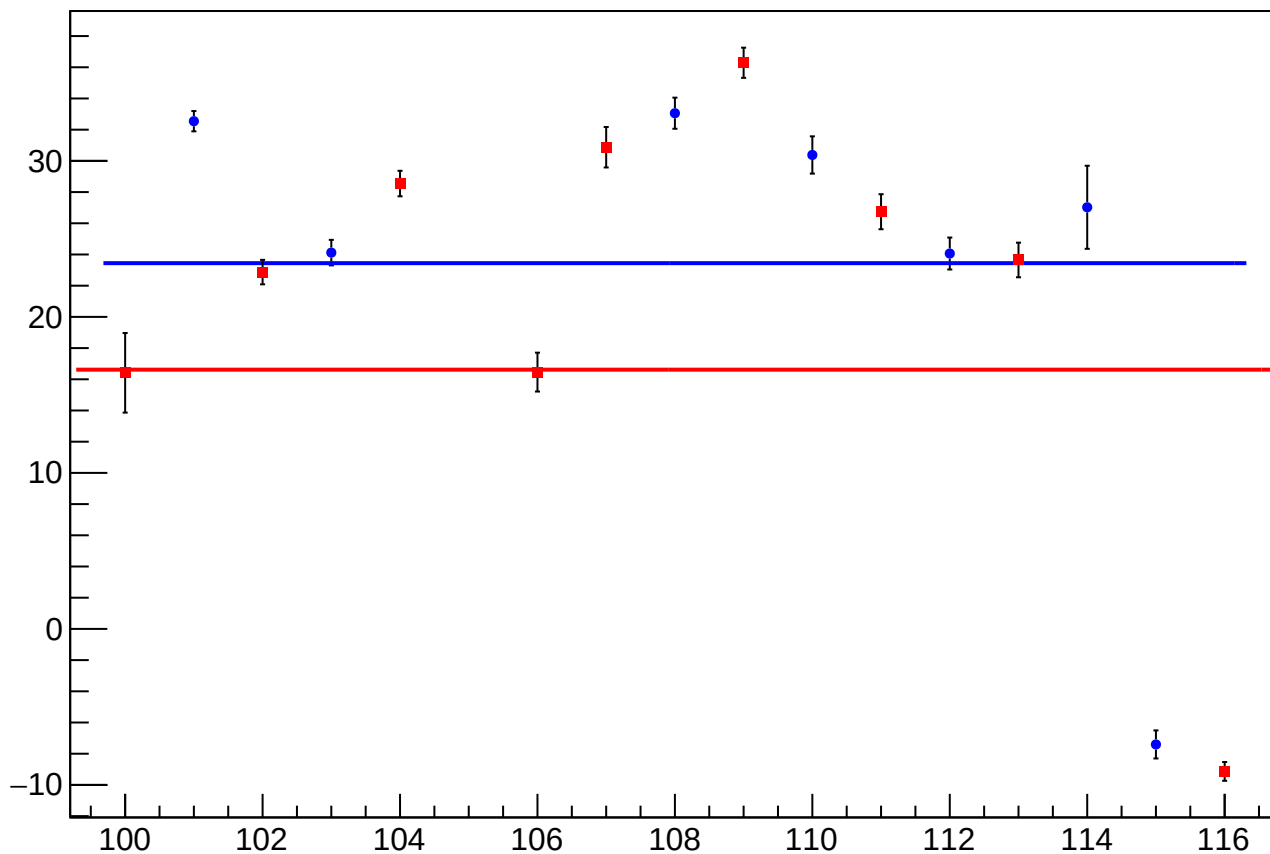
Right: 16.338+/-0.250 χ^2/NDF : 5006.7/15

In: 19.082+/-0.378 χ^2/NDF : 2226.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.338+/-0.250 χ^2/NDF : 5006.7/15

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.444+/-0.356 χ^2/NDF : 1501.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.617+/-0.317 χ^2/NDF : 2763.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

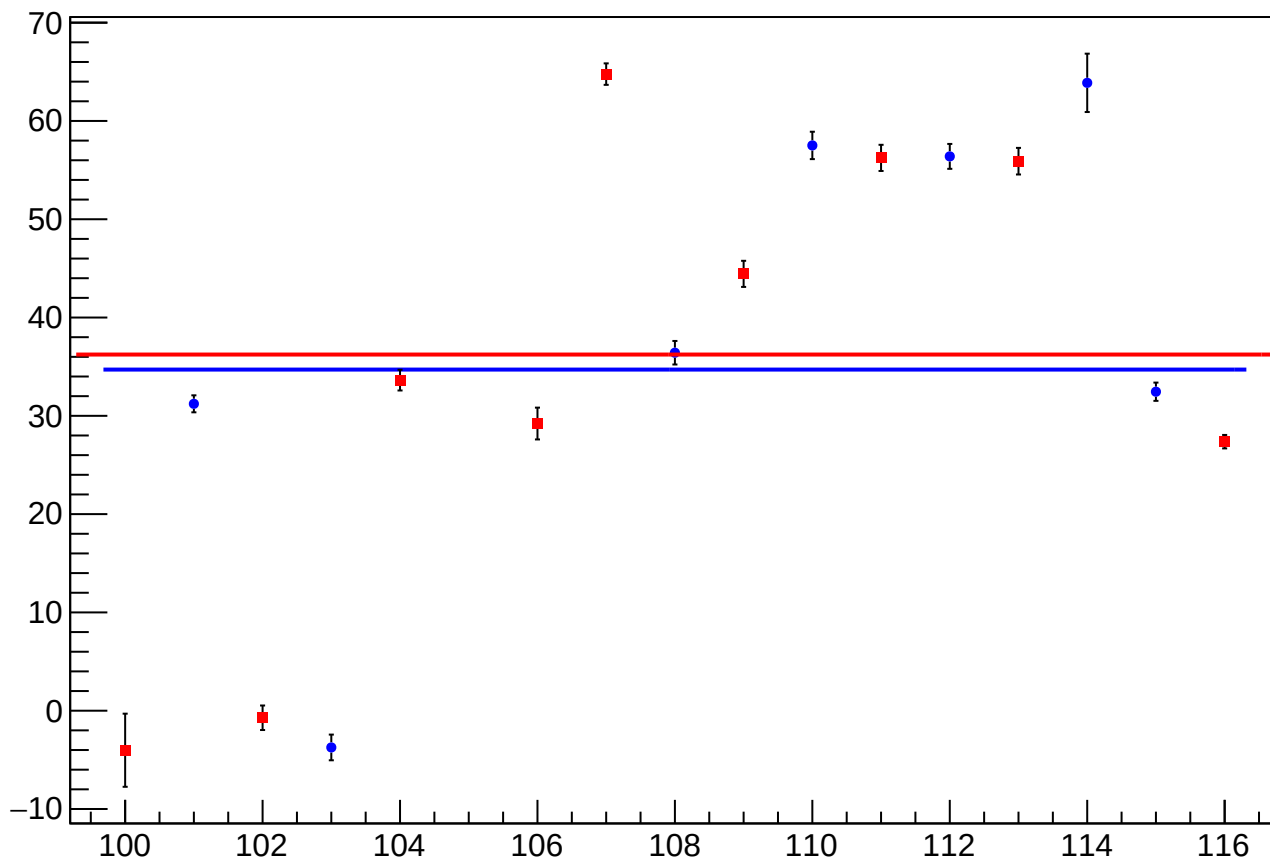
Right: 19.638+/-0.237 χ^2/NDF : 4469.9/15

In: 23.444+/-0.356 χ^2/NDF : 1501.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.638+/-0.237 χ^2/NDF : 4469.9/15

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.705+/-0.446 χ^2/NDF : 1547.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.235+/-0.388 χ^2/NDF : 2344.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

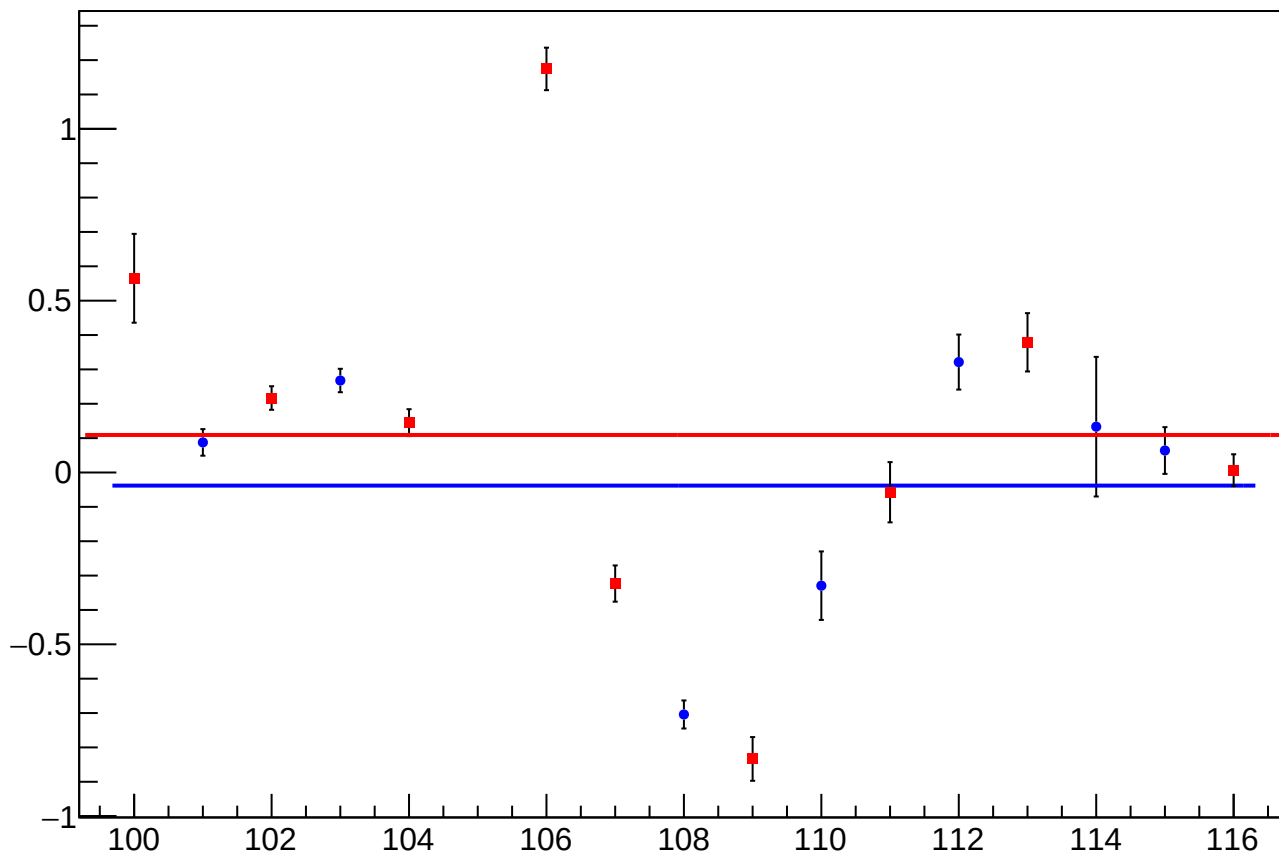
Right: 35.576+/-0.293 χ^2/NDF : 3898.5/15

In: 34.705+/-0.446 χ^2/NDF : 1547.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.576+/-0.293 χ^2/NDF : 3898.5/15

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.020 χ^2 /NDF: 389.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.109 $\pm$ 0.018 χ^2 /NDF: 625.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

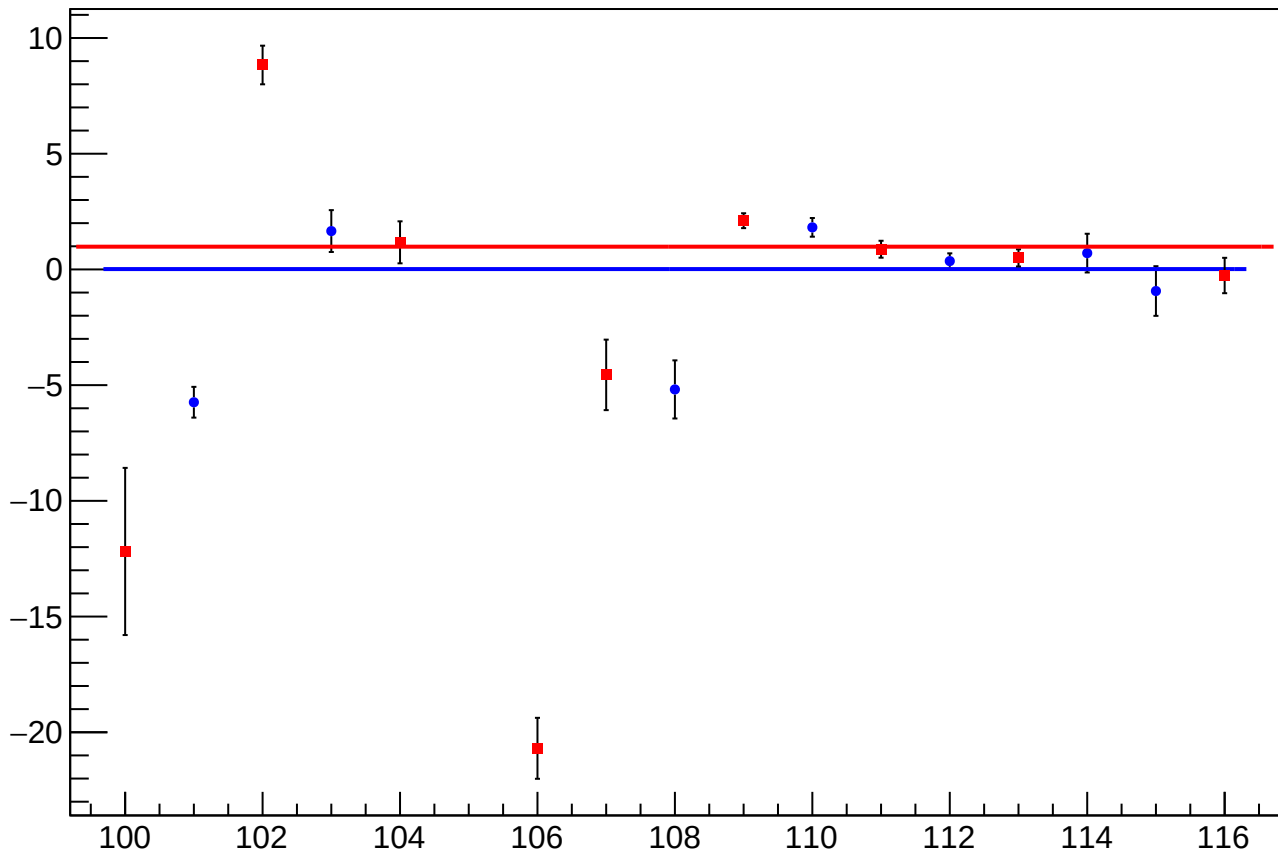
Right: 0.042 $\pm$ 0.013 χ^2 /NDF: 1045.5/15

In: -0.038 $\pm$ 0.020 χ^2 /NDF:389.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.013 χ^2 /NDF: 1045.5/15

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.216 χ^2/NDF : 117.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.983+/-0.183 χ^2/NDF : 402.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

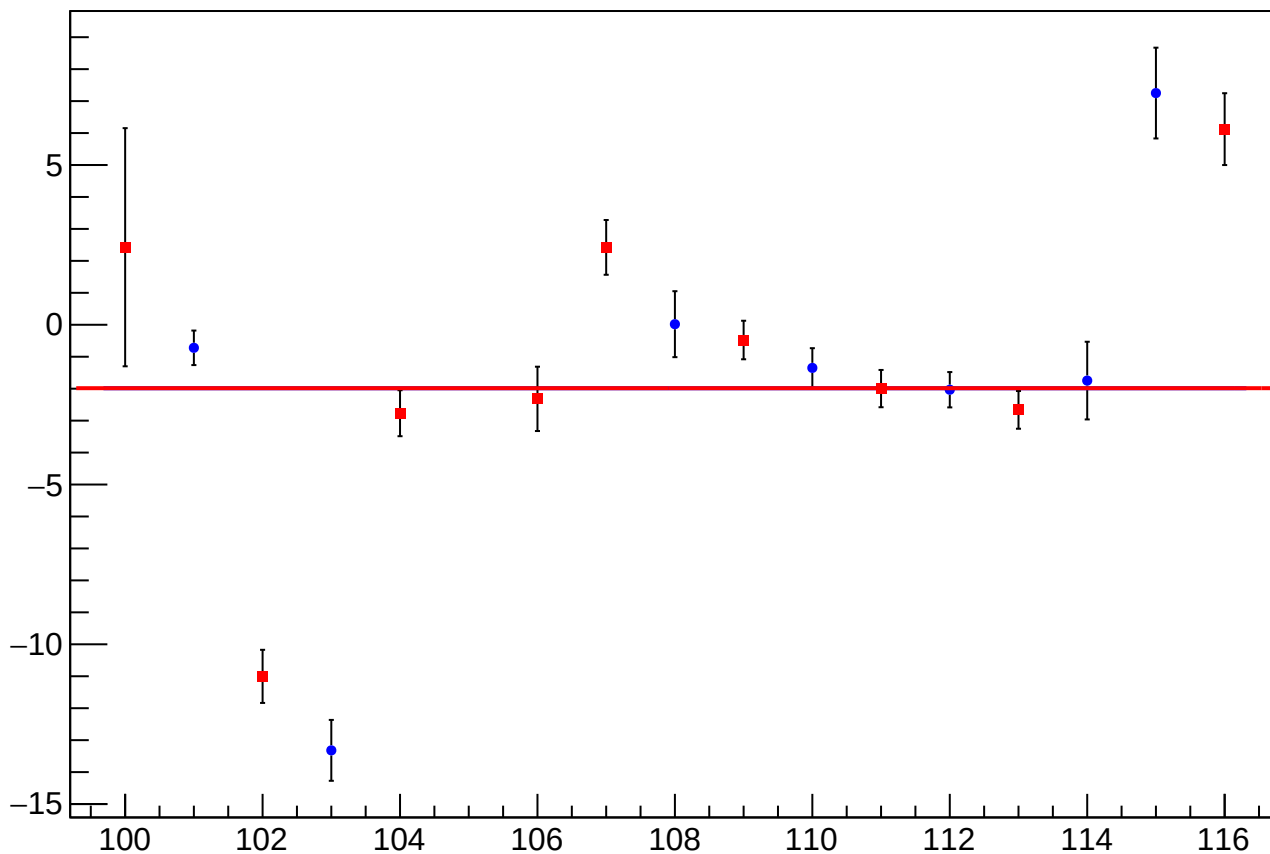
Right: 0.579+/-0.139 χ^2/NDF : 532.0/15

In: 0.015+/-0.216 χ^2/NDF : 117.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.579+/-0.139 χ^2/NDF : 532.0/15

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.987 ± 0.282 χ^2/NDF : 194.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.985 ± 0.257 χ^2/NDF : 206.4/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

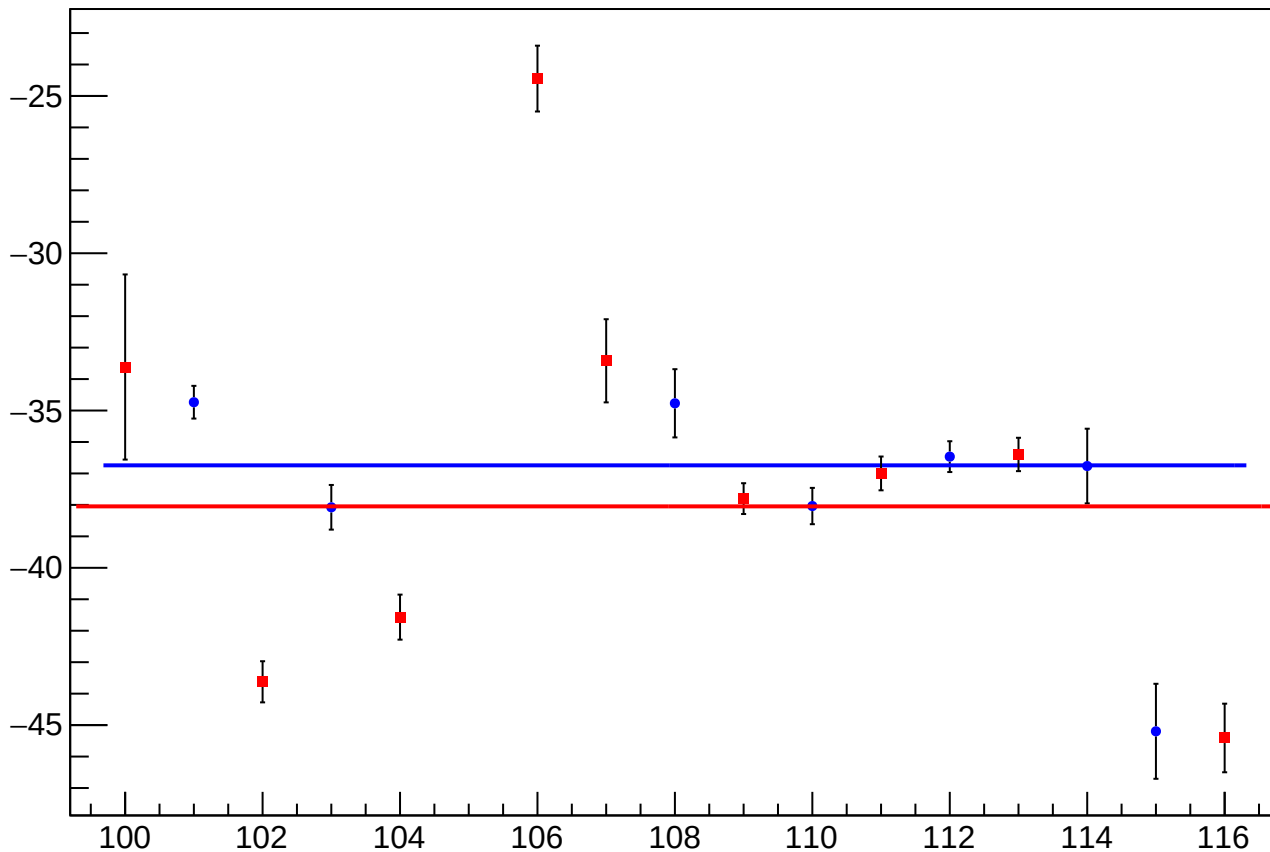
Right: -1.986 ± 0.190 χ^2/NDF : 400.6/15

In: -1.987 ± 0.282 χ^2/NDF : 194.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.986 ± 0.190 χ^2/NDF : 400.6/15

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.742 $\pm$ 0.259 χ^2 /NDF: 58.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.047 $\pm$ 0.236 χ^2 /NDF: 339.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

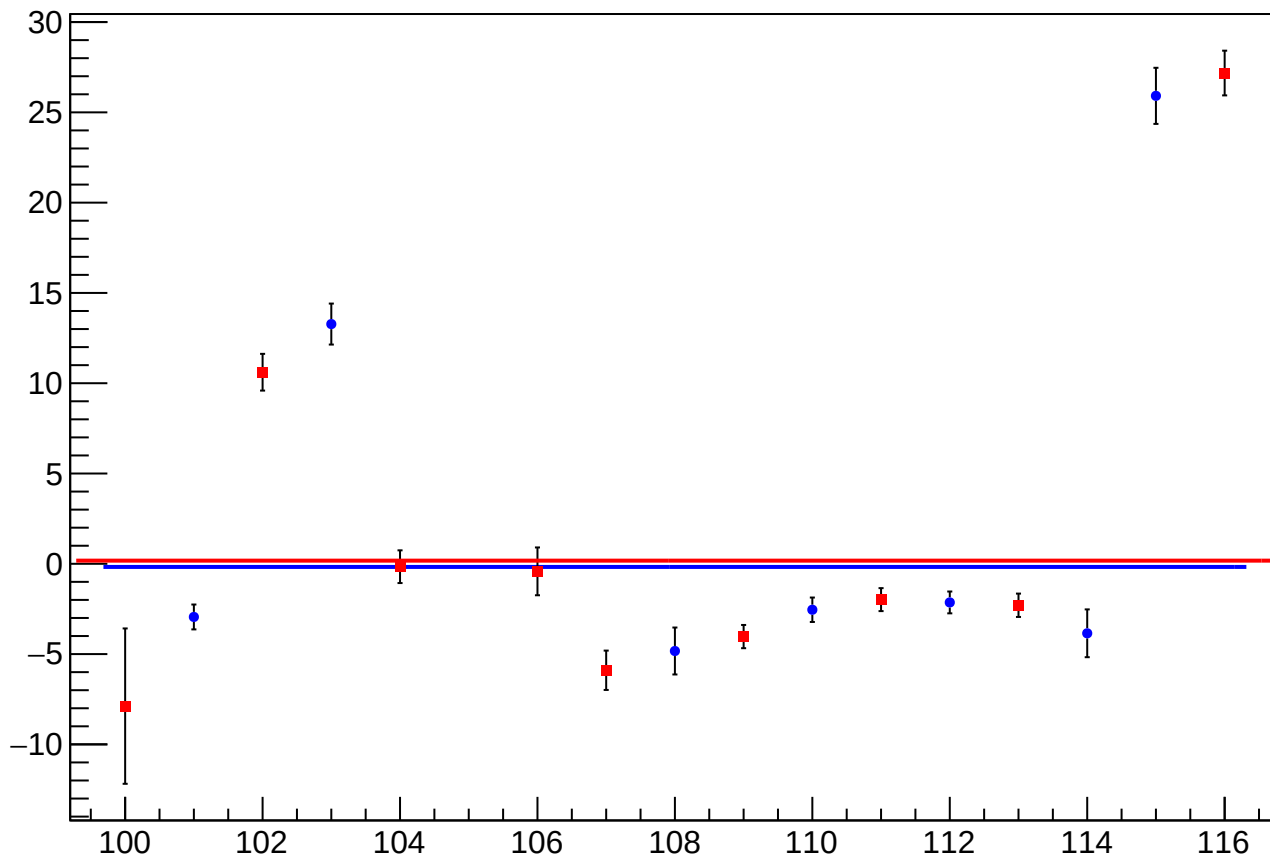
Right: -37.456 $\pm$ 0.175 χ^2 /NDF: 411.9/15

In: -36.742 $\pm$ 0.259 χ^2 /NDF:58.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.456 $\pm$ 0.175 χ^2 /NDF: 411.9/15

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.174+/-0.326 χ^2/NDF : 482.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.175+/-0.294 χ^2/NDF : 684.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

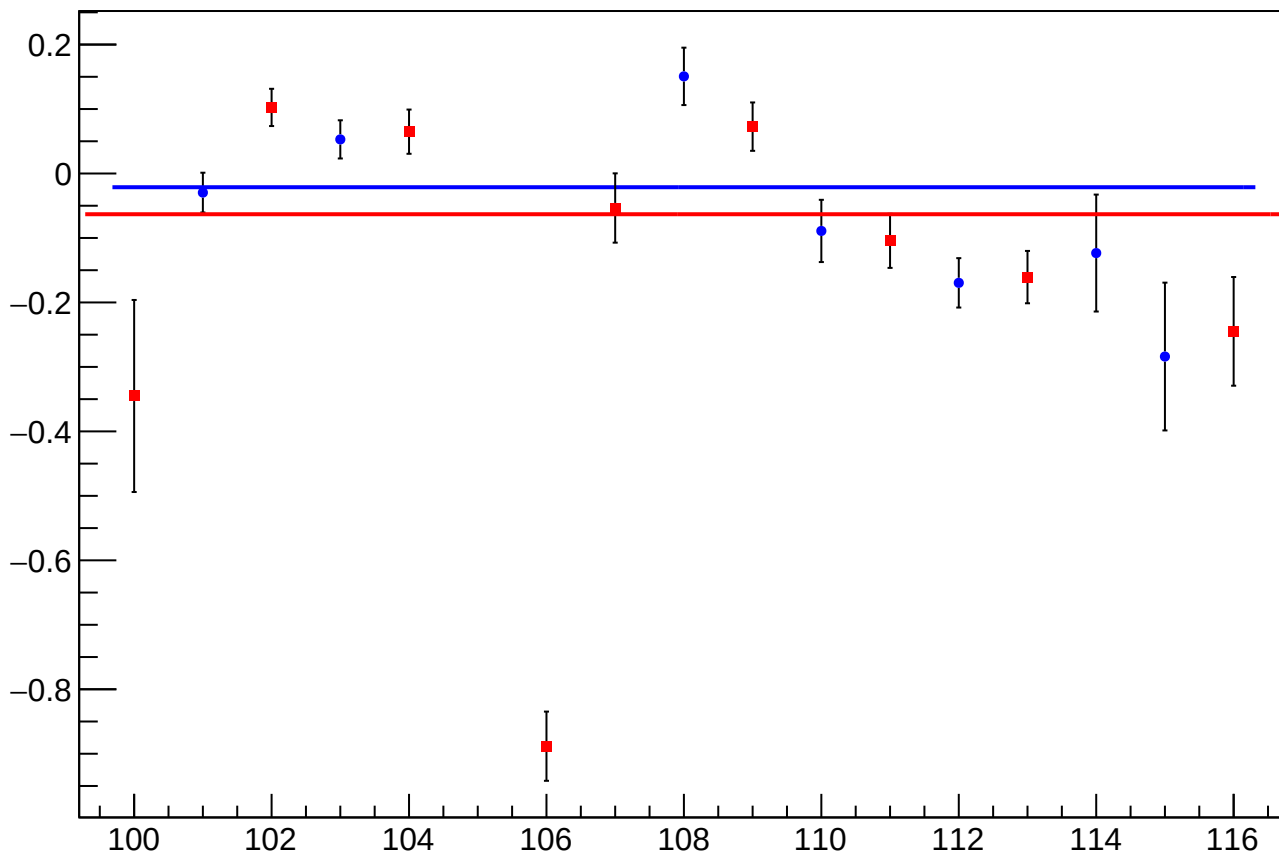
Right: 0.019+/-0.218 χ^2/NDF : 1167.2/15

In: -0.174+/-0.326 χ^2/NDF : 482.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.218 χ^2/NDF : 1167.2/15

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 44.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.063 $\pm$ 0.014 χ^2 /NDF: 311.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

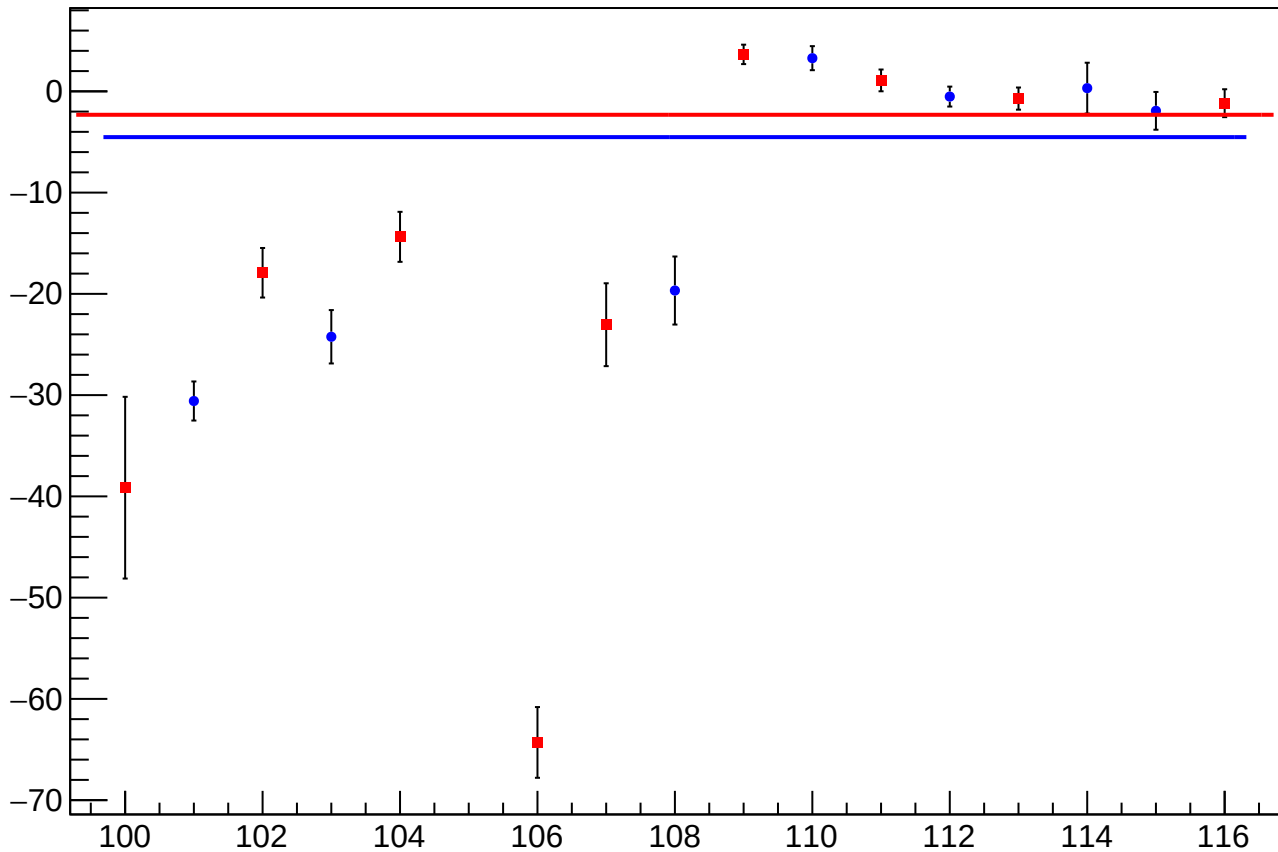
Right: -0.044 $\pm$ 0.011 χ^2 /NDF: 359.8/15

In: -0.021 $\pm$ 0.016 χ^2 /NDF:44.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.044 $\pm$ 0.011 χ^2 /NDF: 359.8/15

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.521+/-0.610 χ^2/NDF : 324.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.315+/-0.513 χ^2/NDF : 473.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

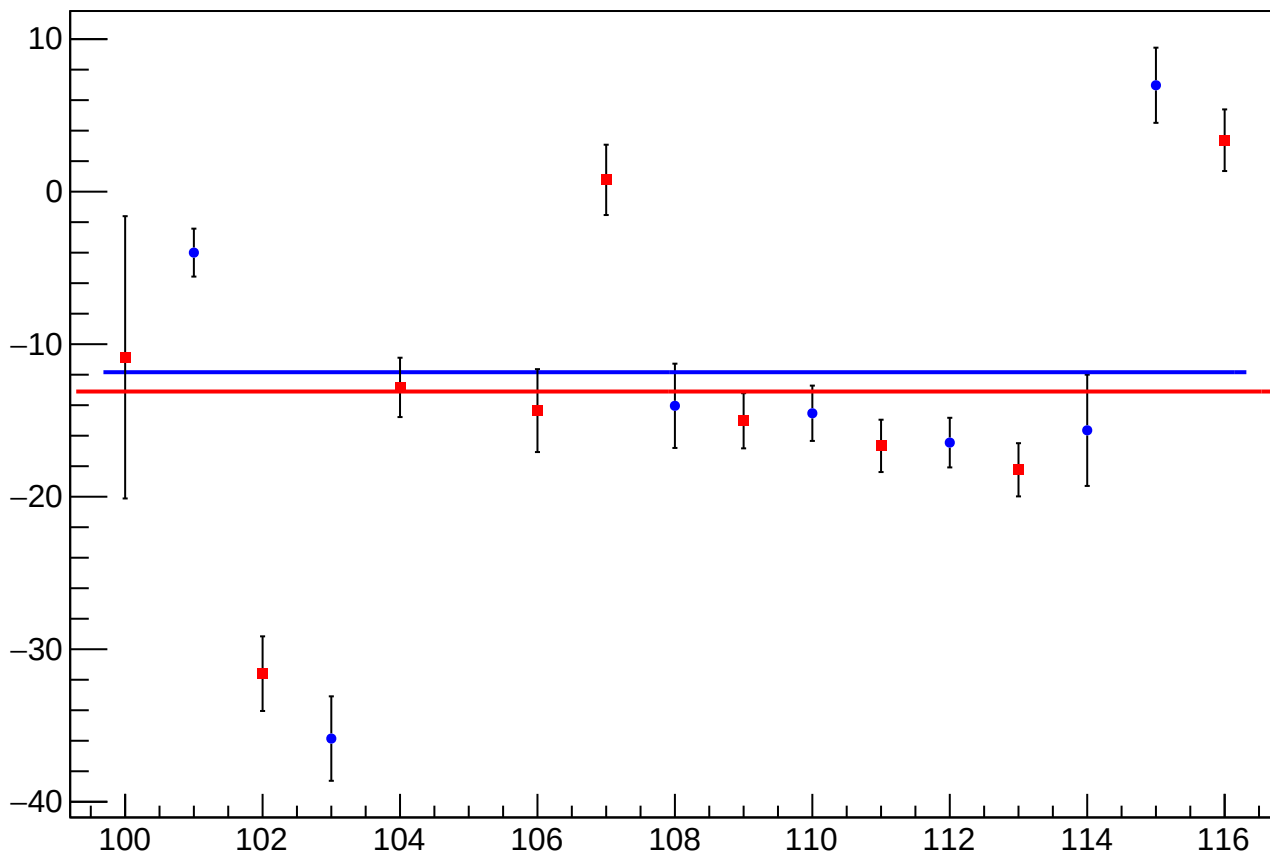
Right: -3.229+/-0.393 χ^2/NDF : 805.1/15

In: -4.521+/-0.610 χ^2/NDF :324.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.229+/-0.393 χ^2/NDF : 805.1/15

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.837 $\pm$ 0.794 χ^2 /NDF: 170.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.103 $\pm$ 0.710 χ^2 /NDF: 174.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

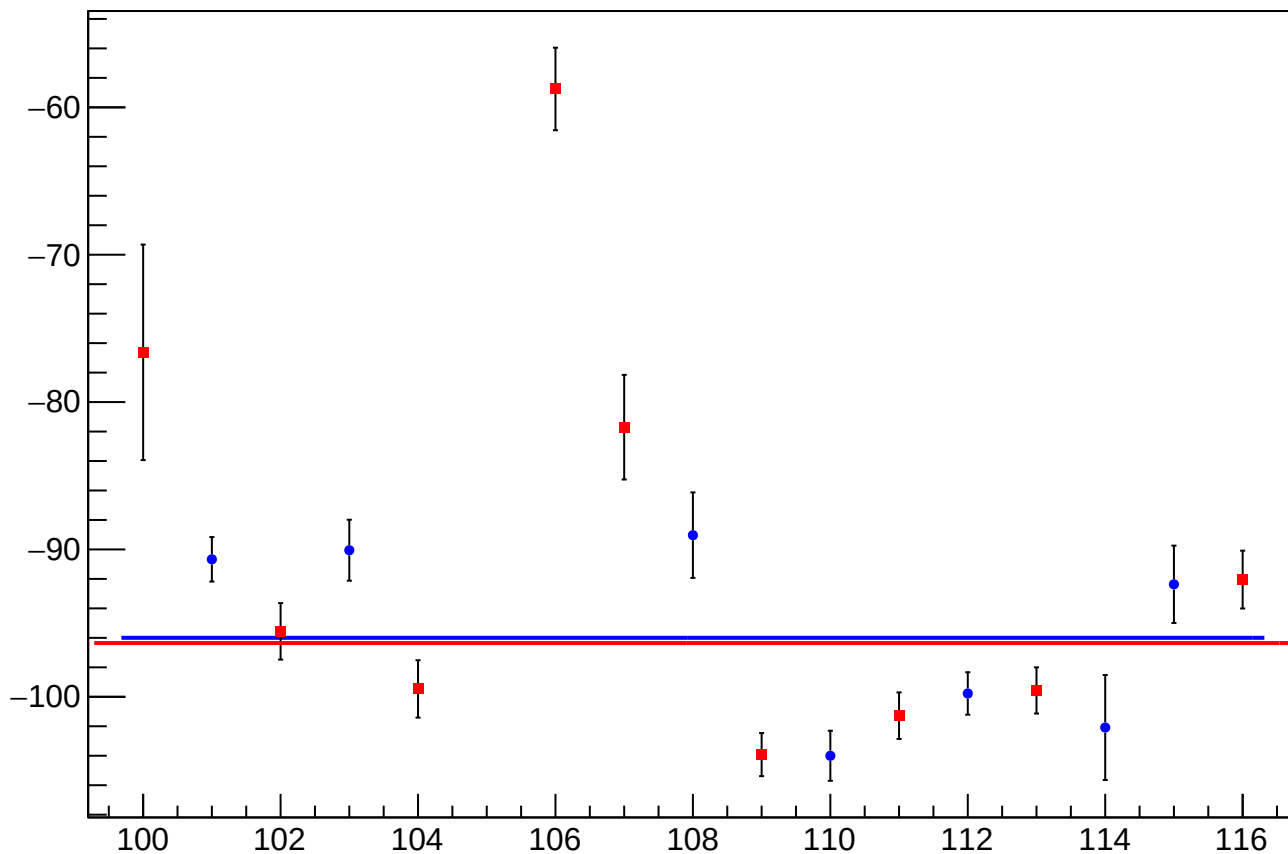
Right: -12.541 $\pm$ 0.529 χ^2 /NDF: 346.1/15

In: -11.837 $\pm$ 0.794 χ^2 /NDF:170.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.541 $\pm$ 0.529 χ^2 /NDF: 346.1/15

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.996 $\pm$ 0.736 χ^2 /NDF: 60.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.351 $\pm$ 0.660 χ^2 /NDF: 252.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

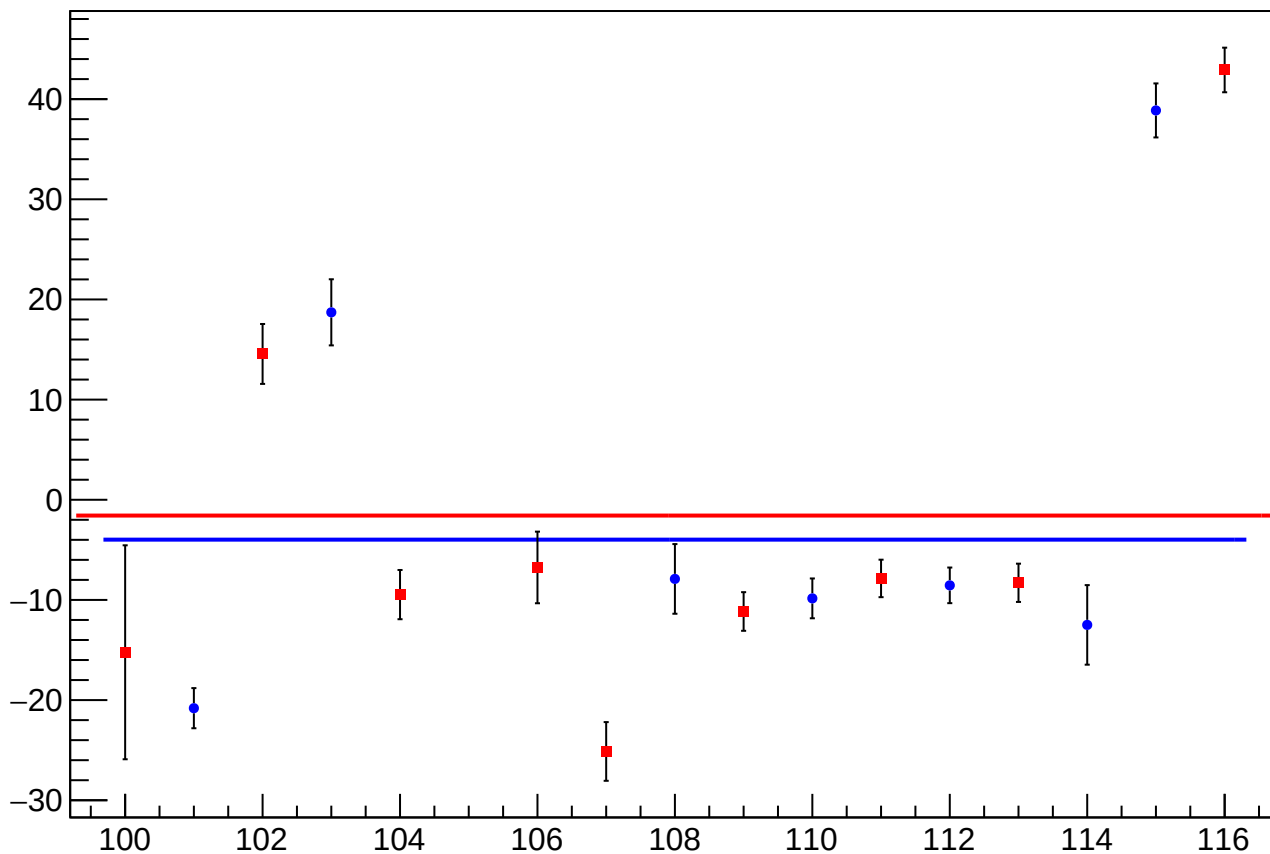
Right: -96.193 $\pm$ 0.491 χ^2 /NDF: 313.3/15

In: -95.996 $\pm$ 0.736 χ^2 /NDF: 60.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.193 $\pm$ 0.491 χ^2 /NDF: 313.3/15

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.981+/-0.915 χ^2/NDF : 391.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.577+/-0.814 χ^2/NDF : 555.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

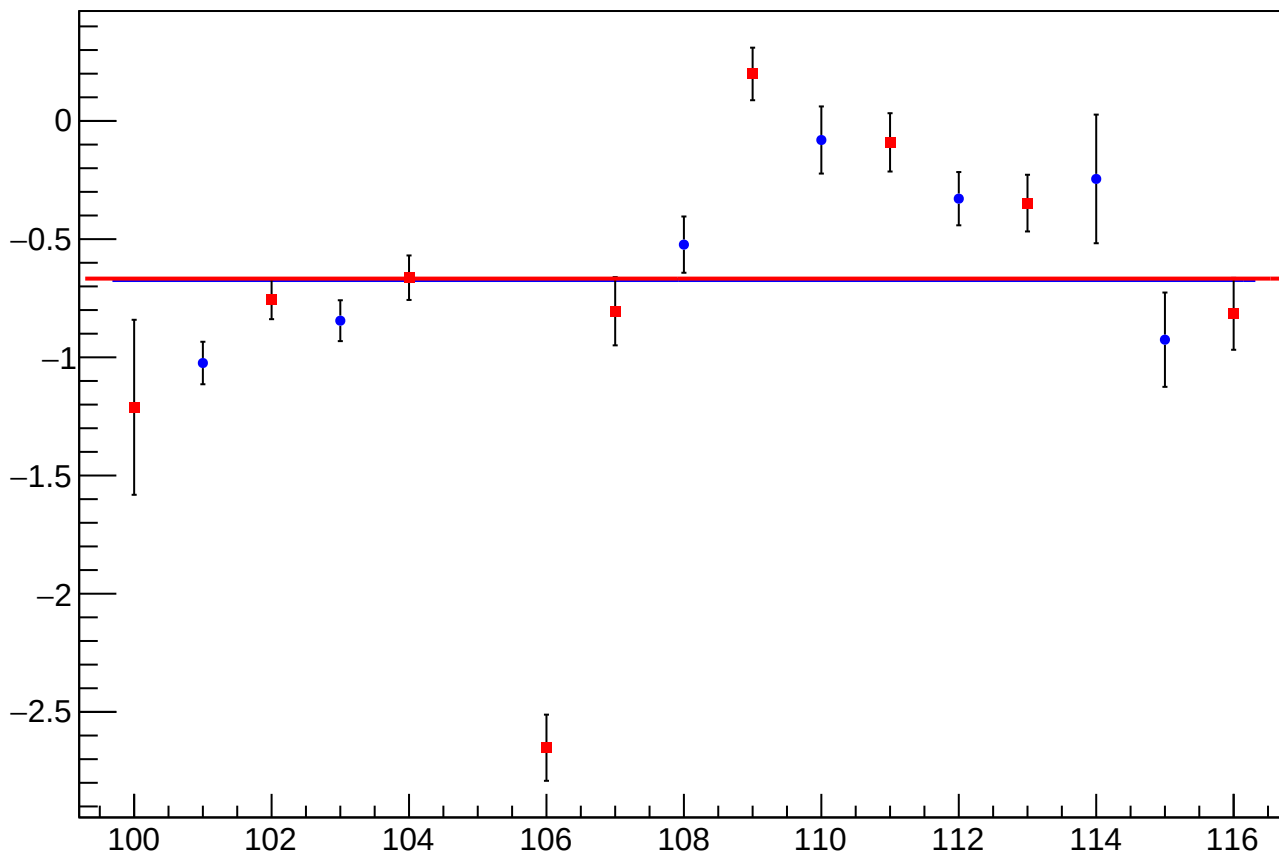
Right: -2.638+/-0.608 χ^2/NDF : 950.7/15

In: -3.981+/-0.915 χ^2/NDF : 391.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.638+/-0.608 χ^2/NDF : 950.7/15

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.673+/-0.045 χ^2/NDF : 51.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.667+/-0.040 χ^2/NDF : 295.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

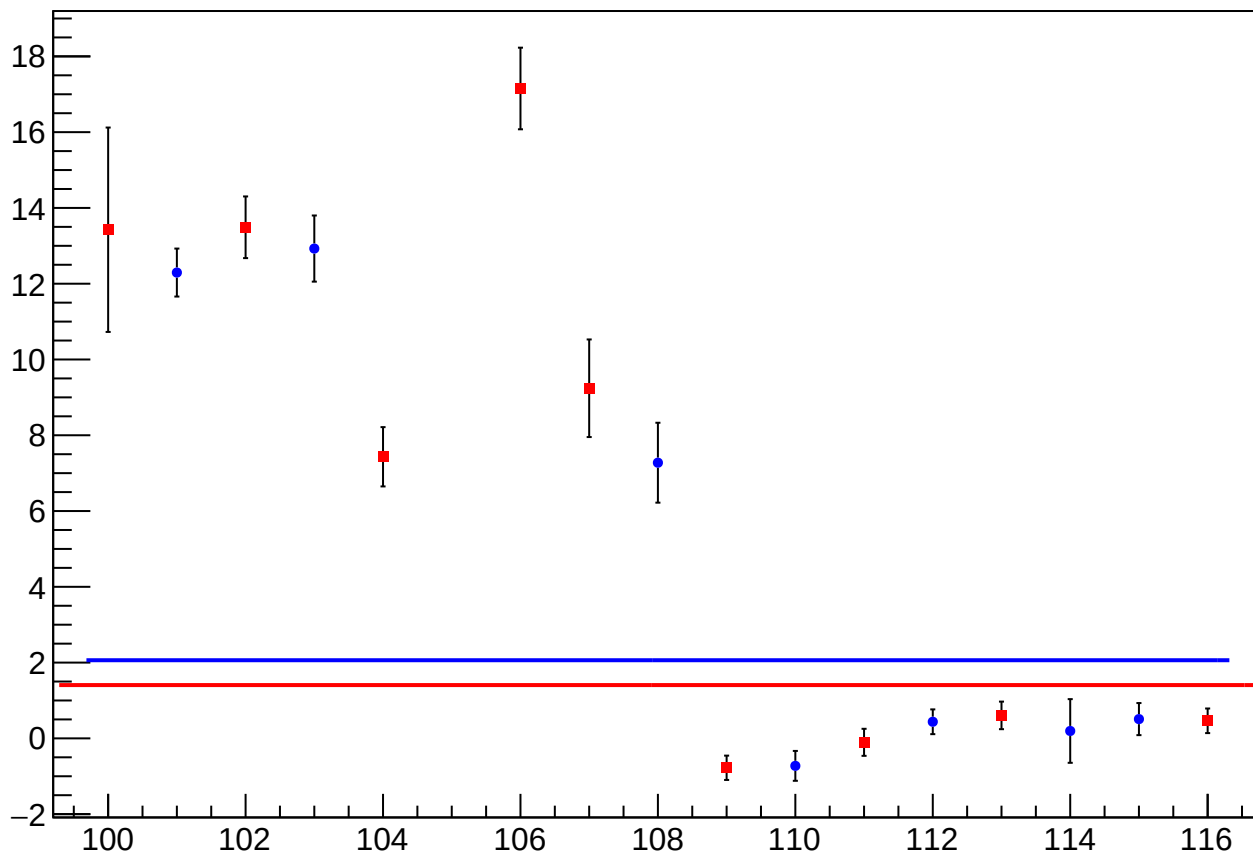
Right: -0.670+/-0.030 χ^2/NDF : 347.4/15

In: -0.673+/-0.045 χ^2/NDF :51.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.670+/-0.030 χ^2/NDF : 347.4/15

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.062 $\pm$ 0.191 χ^2 /NDF: 533.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.407 $\pm$ 0.159 χ^2 /NDF: 627.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

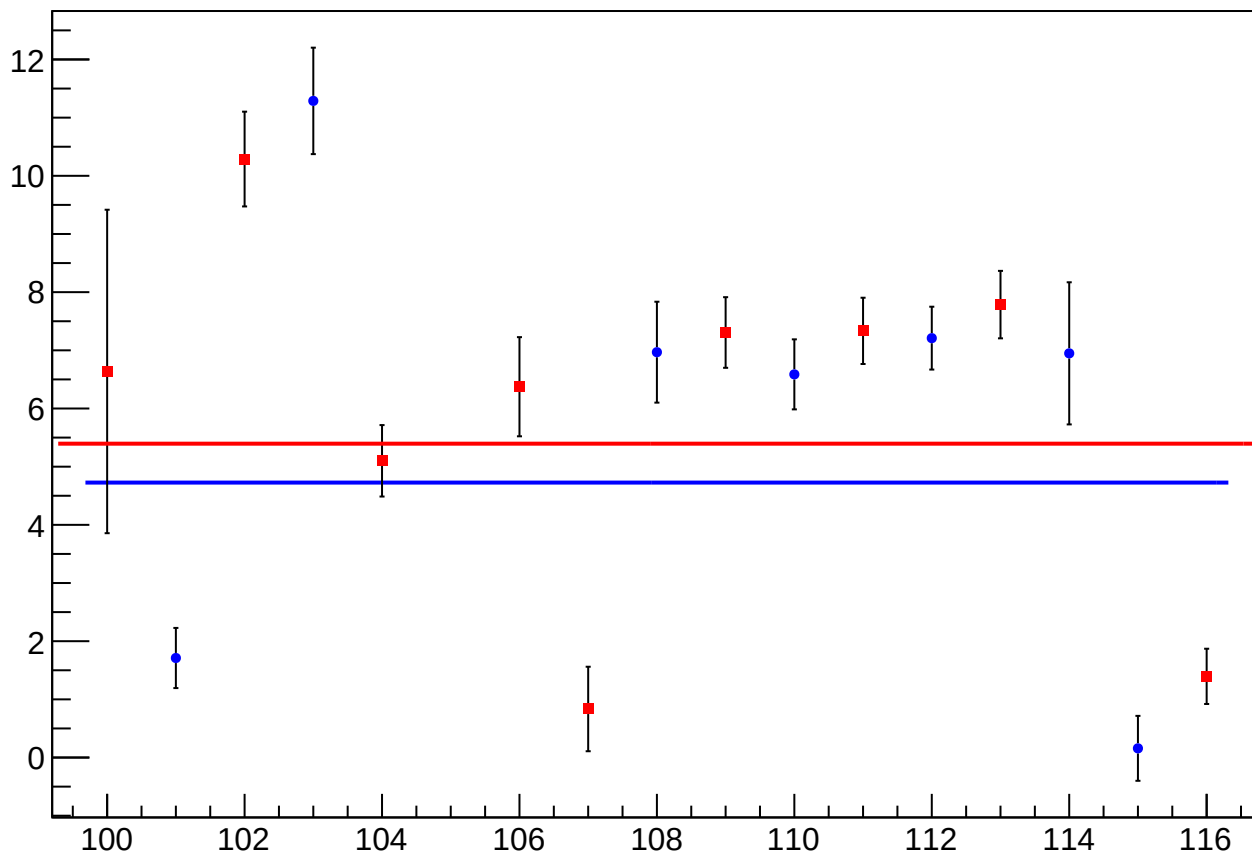
Right: 1.676 $\pm$ 0.122 χ^2 /NDF: 1168.3/15

In: 2.062 $\pm$ 0.191 χ^2 /NDF:533.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.676 $\pm$ 0.122 χ^2 /NDF: 1168.3/15

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.727+/-0.247 χ^2/NDF : 193.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.395+/-0.219 χ^2/NDF : 186.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

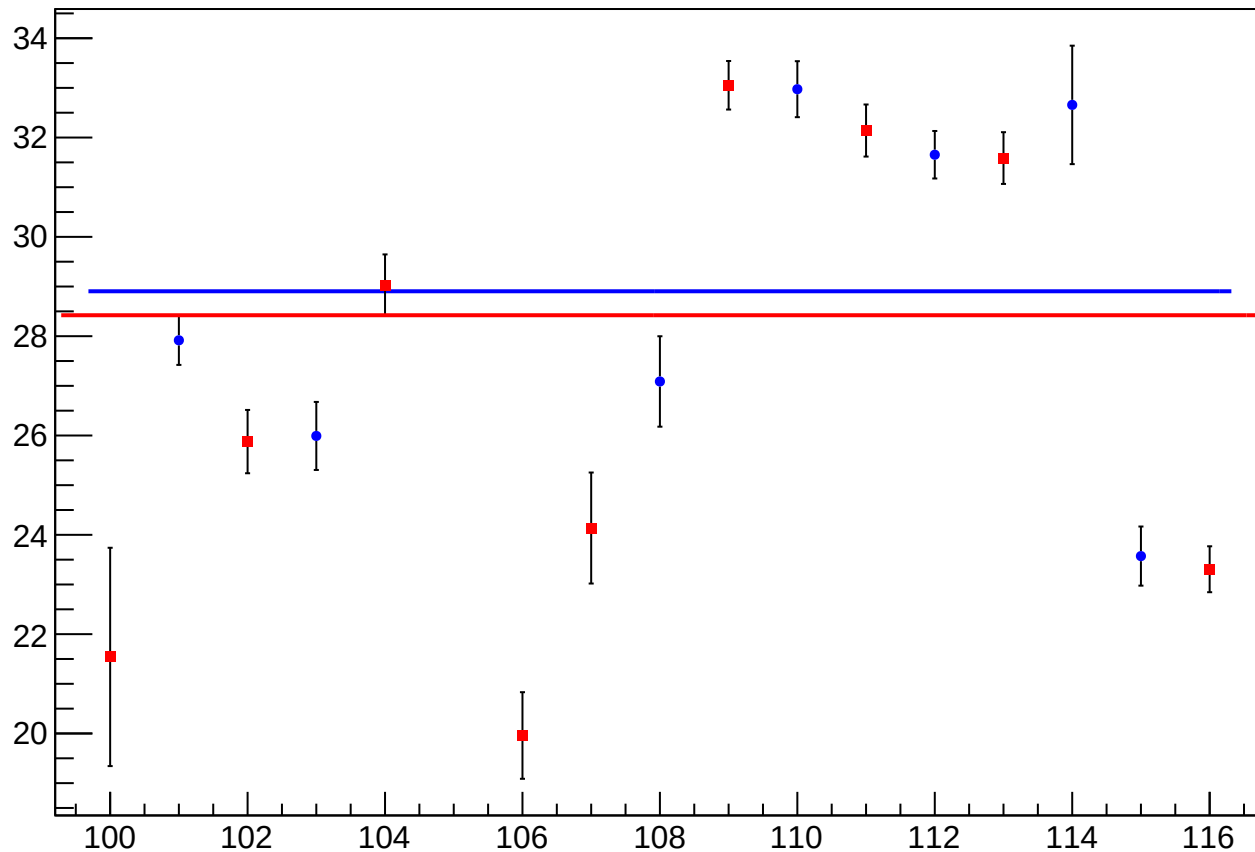
Right: 5.101+/-0.164 χ^2/NDF : 383.9/15

In: 4.727+/-0.247 χ^2/NDF : 193.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.101+/-0.164 χ^2/NDF : 383.9/15

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.905+/-0.233 χ^2/NDF : 201.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.422+/-0.206 χ^2/NDF : 434.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

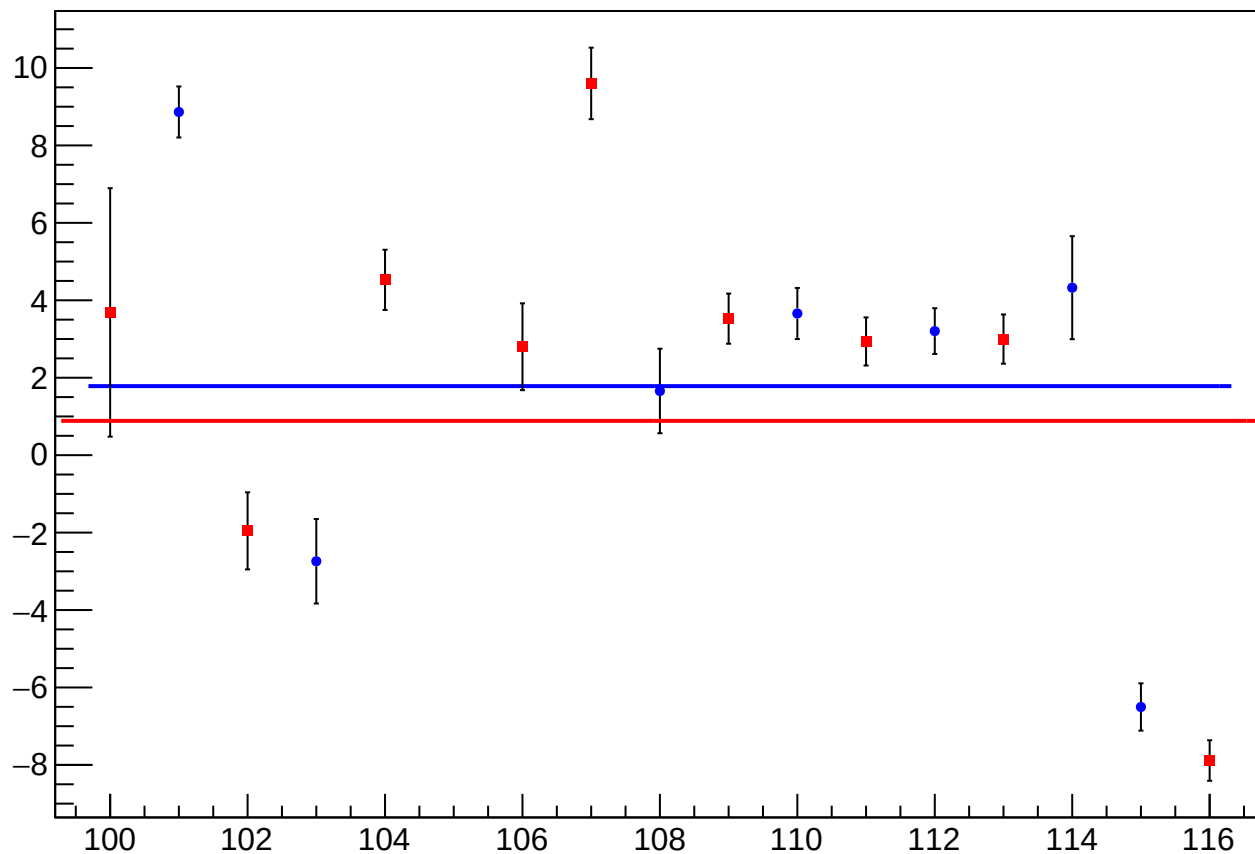
Right: 28.634+/-0.154 χ^2/NDF : 638.6/15

In: 28.905+/-0.233 χ^2/NDF : 201.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.634+/-0.154 χ^2/NDF : 638.6/15

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.783 $\pm$ 0.284 χ^2 /NDF: 334.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.886 $\pm$ 0.251 χ^2 /NDF: 442.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

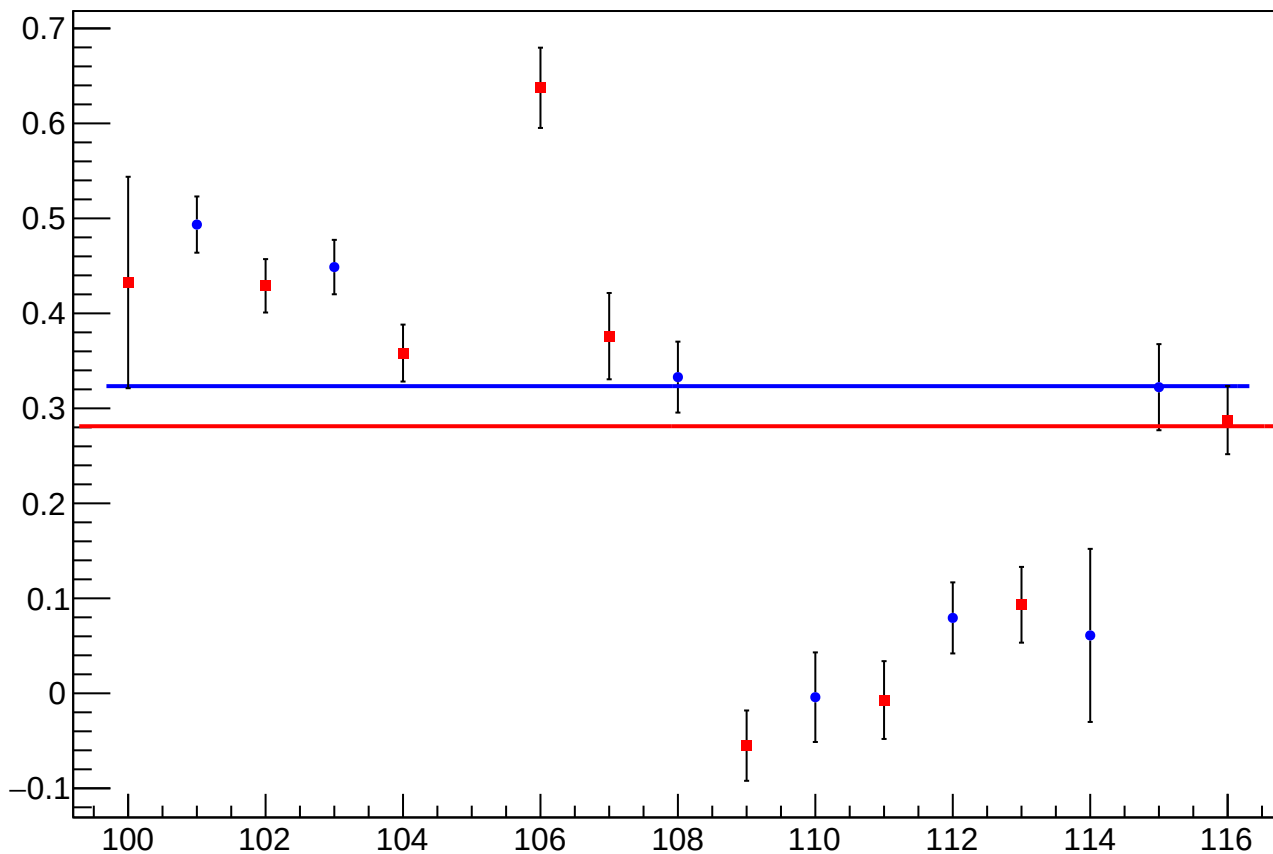
Right: 1.280 $\pm$ 0.188 χ^2 /NDF: 782.0/15

In: 1.783 $\pm$ 0.284 χ^2 /NDF:334.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.280 $\pm$ 0.188 χ^2 /NDF: 782.0/15

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.323+/-0.014 χ^2/NDF : 151.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.281+/-0.013 χ^2/NDF : 265.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

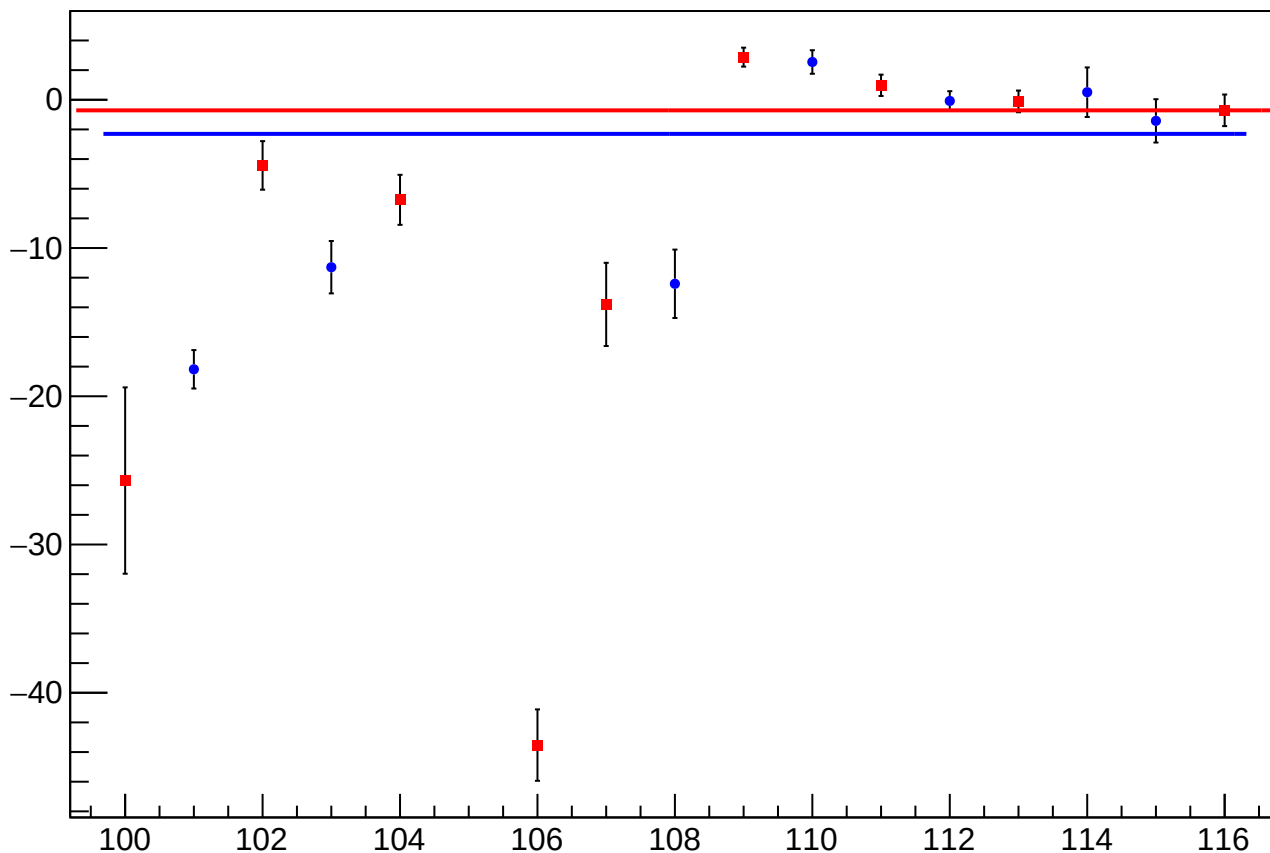
Right: 0.300+/-0.009 χ^2/NDF : 422.0/15

In: 0.323+/-0.014 χ^2/NDF : 151.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.300+/-0.009 χ^2/NDF : 422.0/15

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.300+/-0.414 χ^2 /NDF: 247.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.713+/-0.350 χ^2 /NDF: 409.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

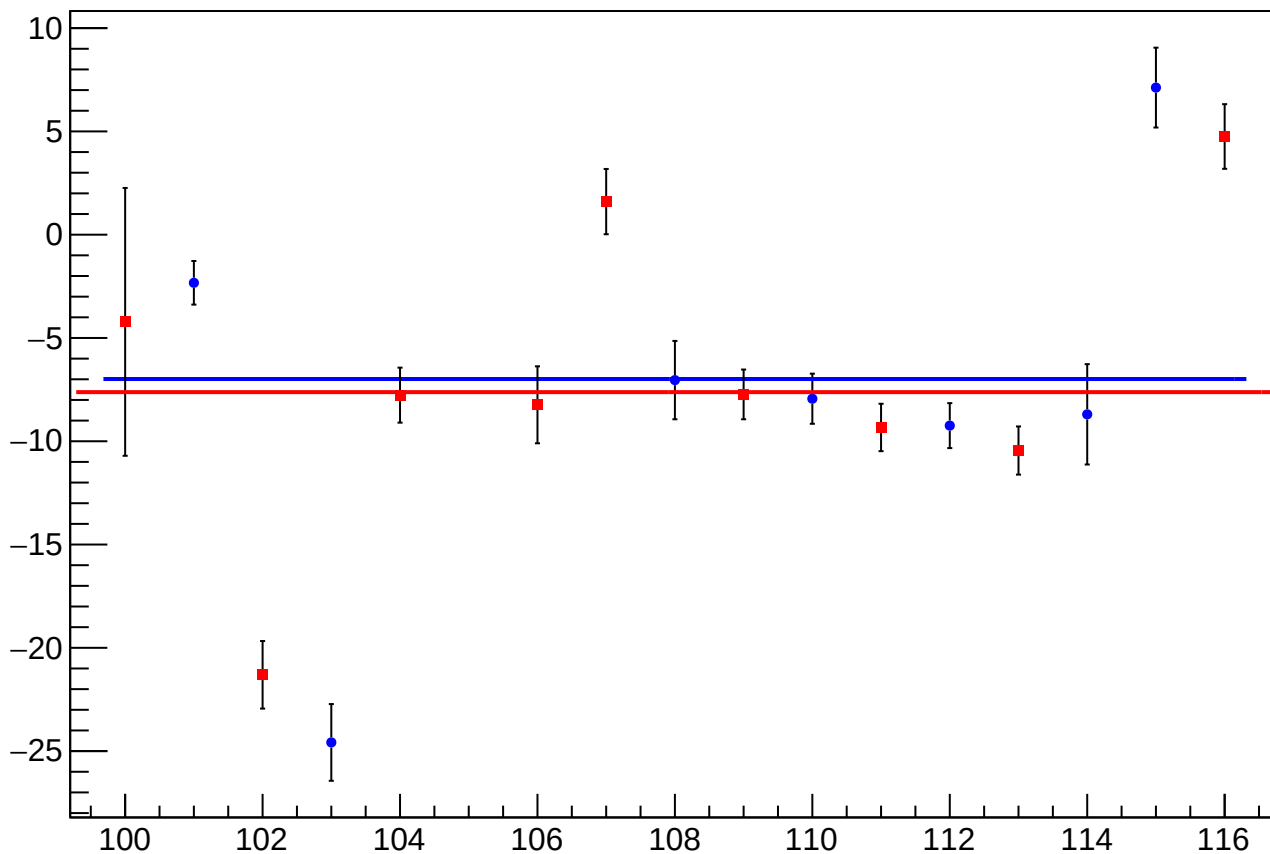
Right: -1.373+/-0.267 χ^2 /NDF: 664.8/15

In: -2.300+/-0.414 χ^2 /NDF:247.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.373+/-0.267 χ^2 /NDF: 664.8/15

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.987 $\pm$ 0.540 χ^2 /NDF: 167.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.622 $\pm$ 0.485 χ^2 /NDF: 175.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

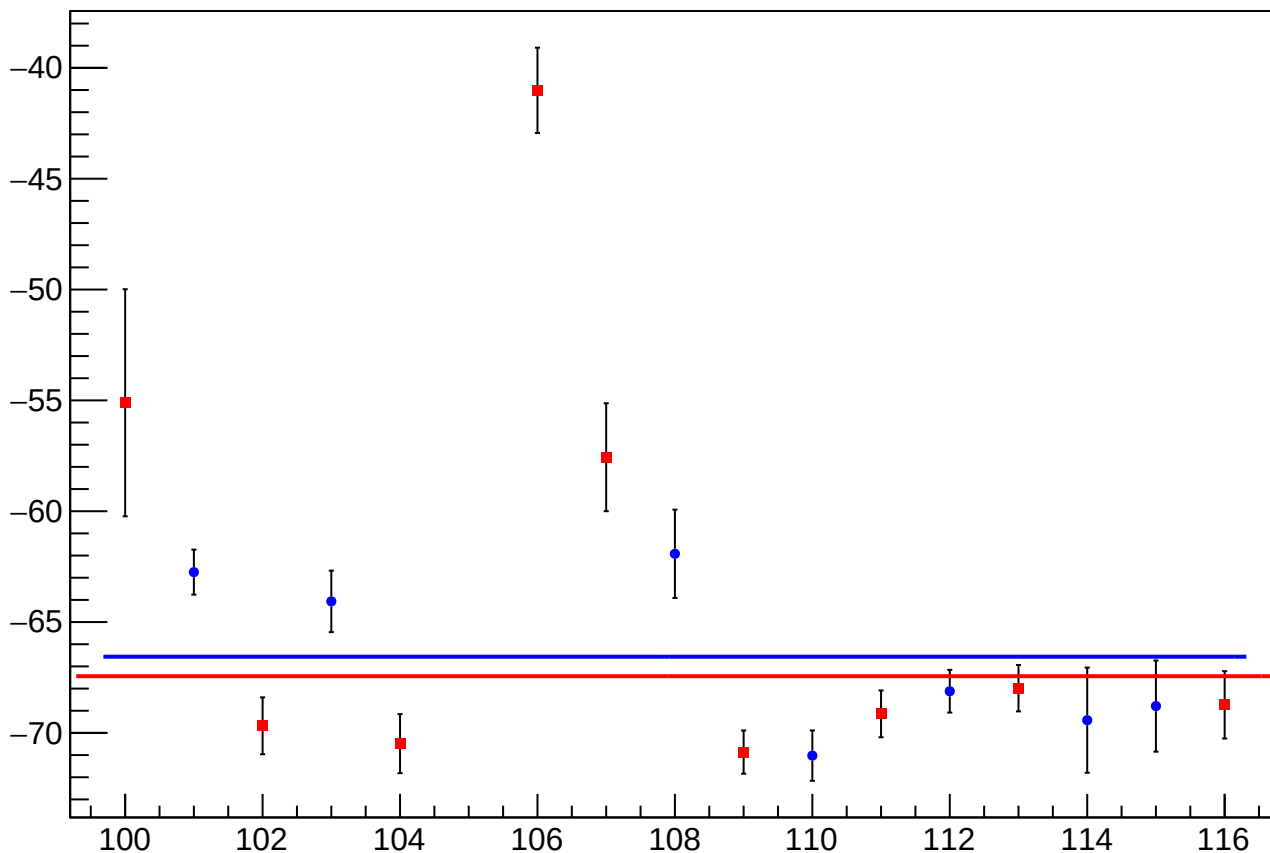
Right: -7.338 $\pm$ 0.361 χ^2 /NDF: 343.8/15

In: -6.987 $\pm$ 0.540 χ^2 /NDF:167.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.338 $\pm$ 0.361 χ^2 /NDF: 343.8/15

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.562 $\pm$ 0.499 χ^2 /NDF: 43.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.441 $\pm$ 0.450 χ^2 /NDF: 234.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

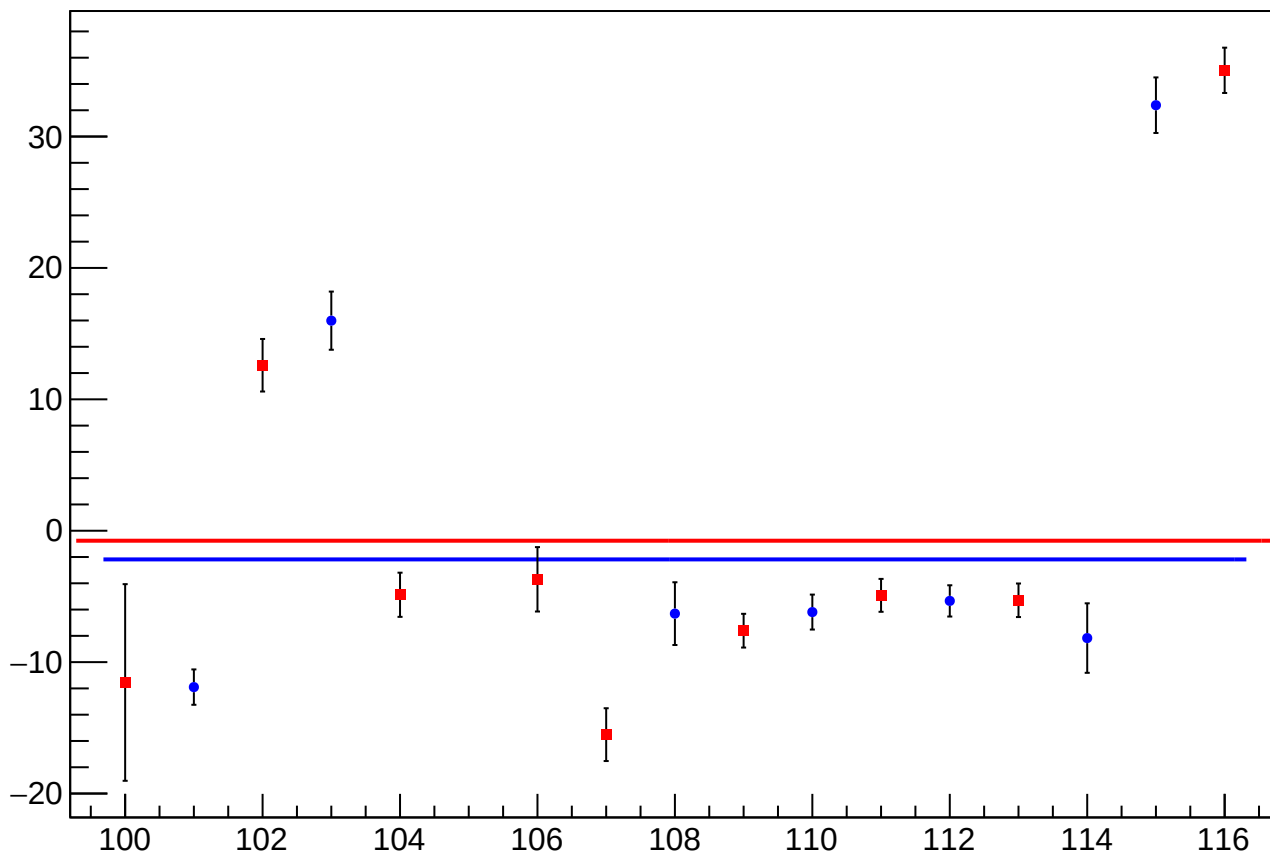
Right: -67.047 $\pm$ 0.334 χ^2 /NDF: 280.0/15

In: -66.562 $\pm$ 0.499 χ^2 /NDF:43.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.047 $\pm$ 0.334 χ^2 /NDF: 280.0/15

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.182+/-0.624 χ^2/NDF : 411.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.760+/-0.556 χ^2/NDF : 591.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

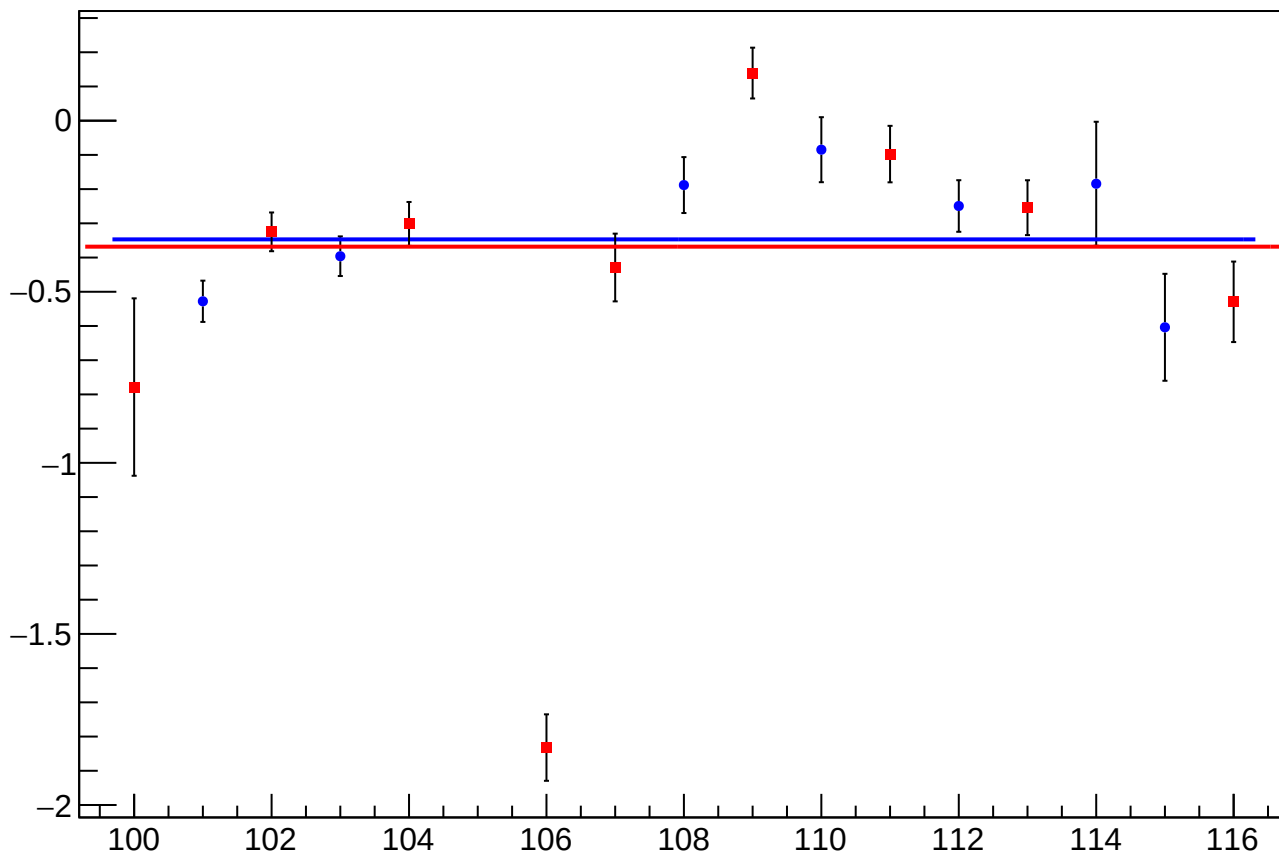
Right: -1.390+/-0.415 χ^2/NDF : 1005.3/15

In: -2.182+/-0.624 χ^2/NDF : 411.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.390+/-0.415 χ^2/NDF : 1005.3/15

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.347 $\pm$ 0.030 χ^2 /NDF: 26.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.368 $\pm$ 0.027 χ^2 /NDF: 293.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

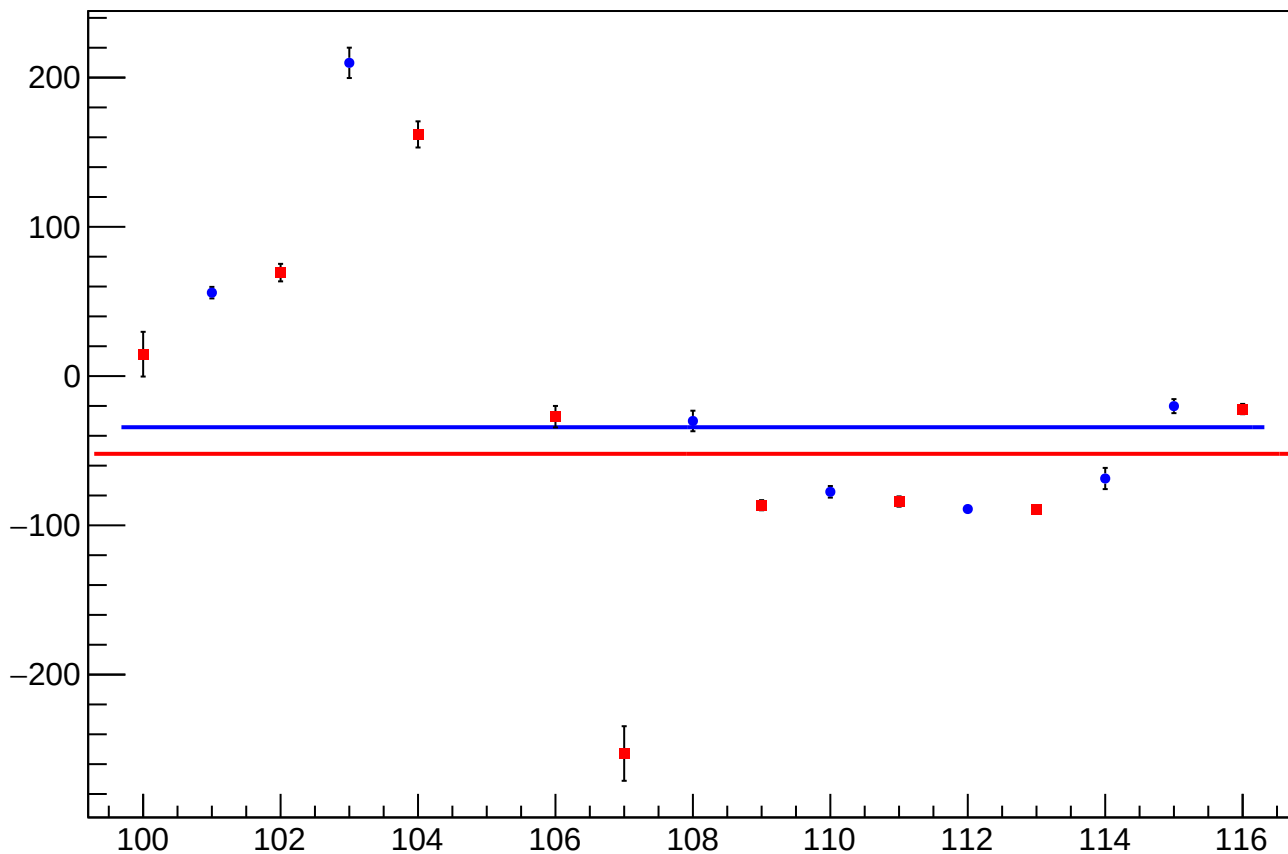
Right: -0.359 $\pm$ 0.020 χ^2 /NDF: 319.6/15

In: -0.347 $\pm$ 0.030 χ^2 /NDF:26.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.359 $\pm$ 0.020 χ^2 /NDF: 319.6/15

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.260 $\pm$ 1.738 χ^2 /NDF: 1583.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -52.082 $\pm$ 1.554 χ^2 /NDF: 1567.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

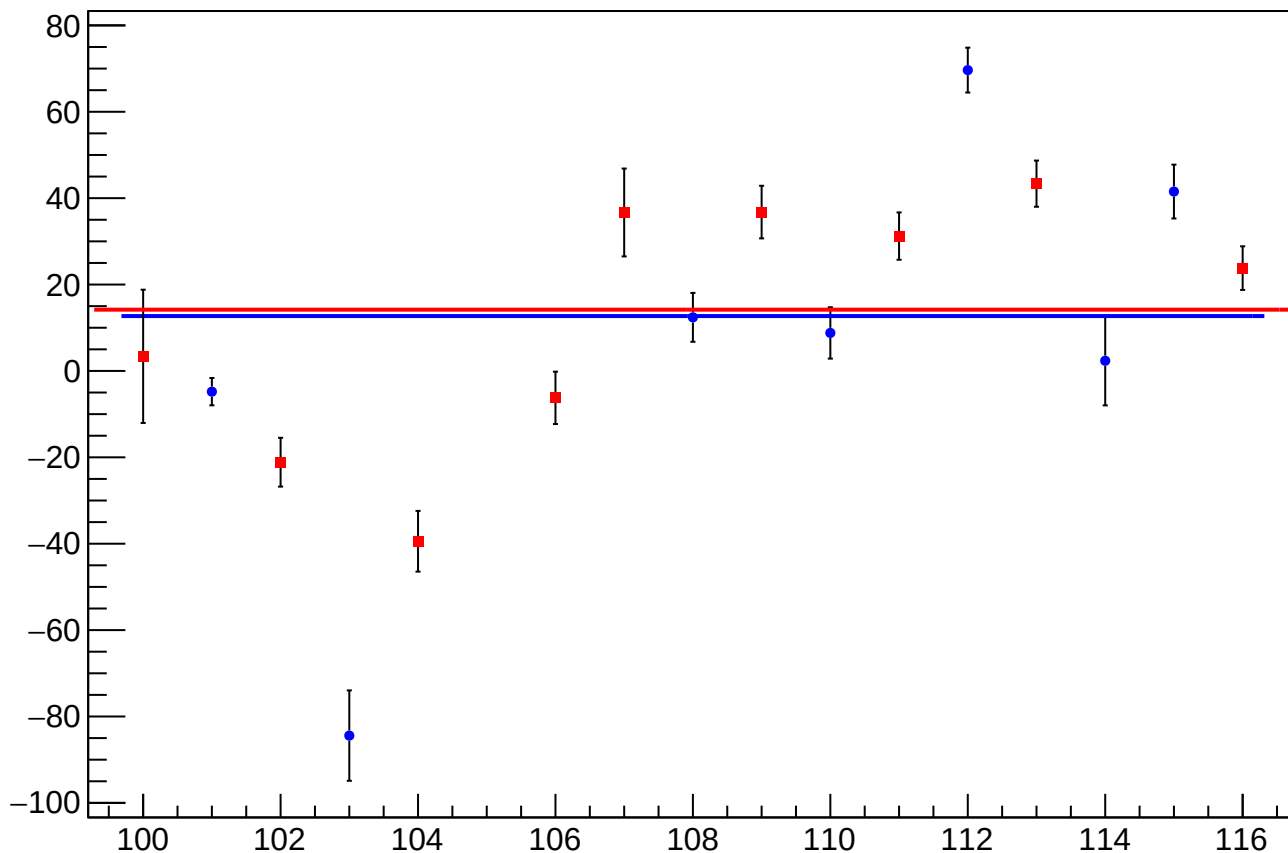
Right: -44.166 $\pm$ 1.159 χ^2 /NDF: 3209.2/15

In: -34.260 $\pm$ 1.738 χ^2 /NDF:1583.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.166 $\pm$ 1.159 χ^2 /NDF: 3209.2/15

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.705+/-2.038 χ^2/NDF : 259.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.186+/-2.098 χ^2/NDF : 170.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

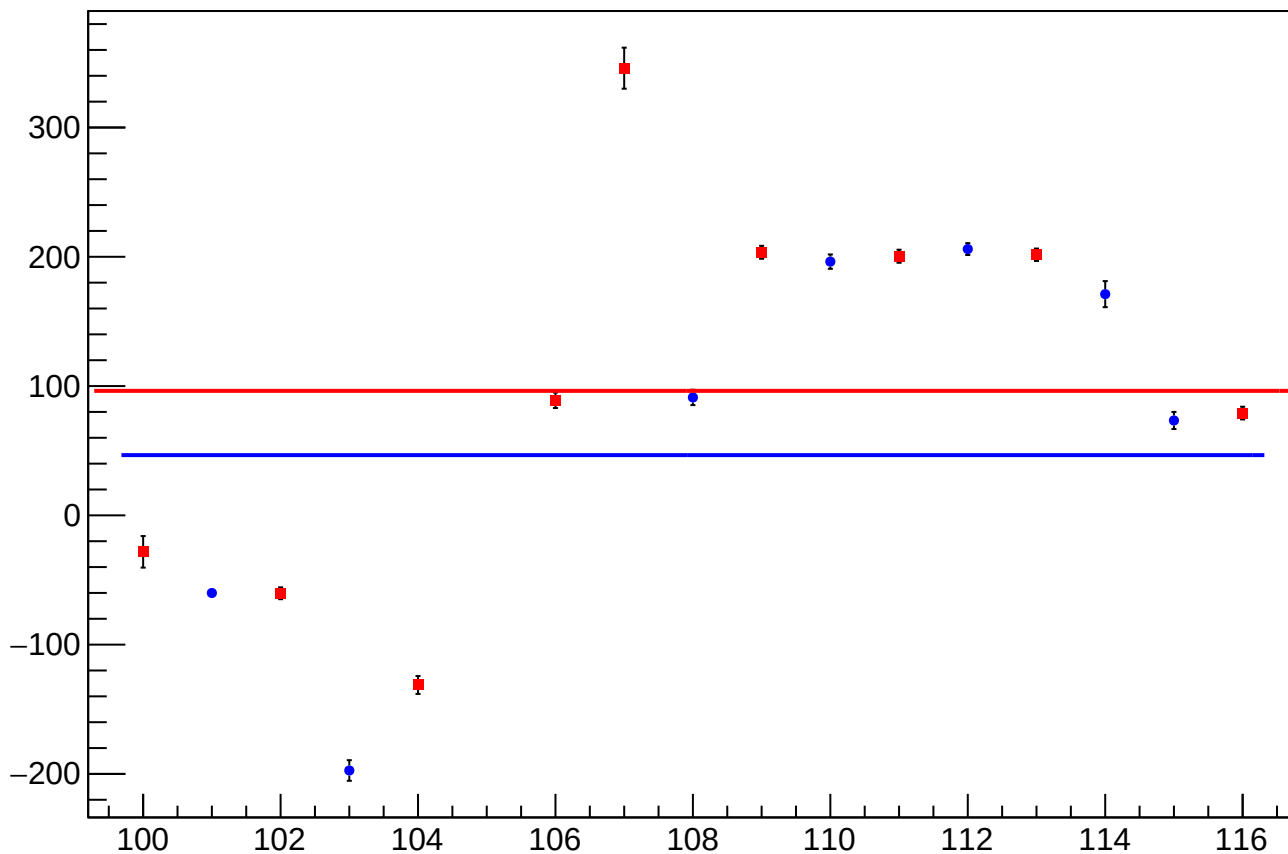
Right: 13.424+/-1.462 χ^2/NDF : 430.8/15

In: 12.705+/-2.038 χ^2/NDF : 259.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.424+/-1.462 χ^2/NDF : 430.8/15

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 46.590+/-1.939 χ^2/NDF : 4335.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.298+/-1.920 χ^2/NDF : 3980.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

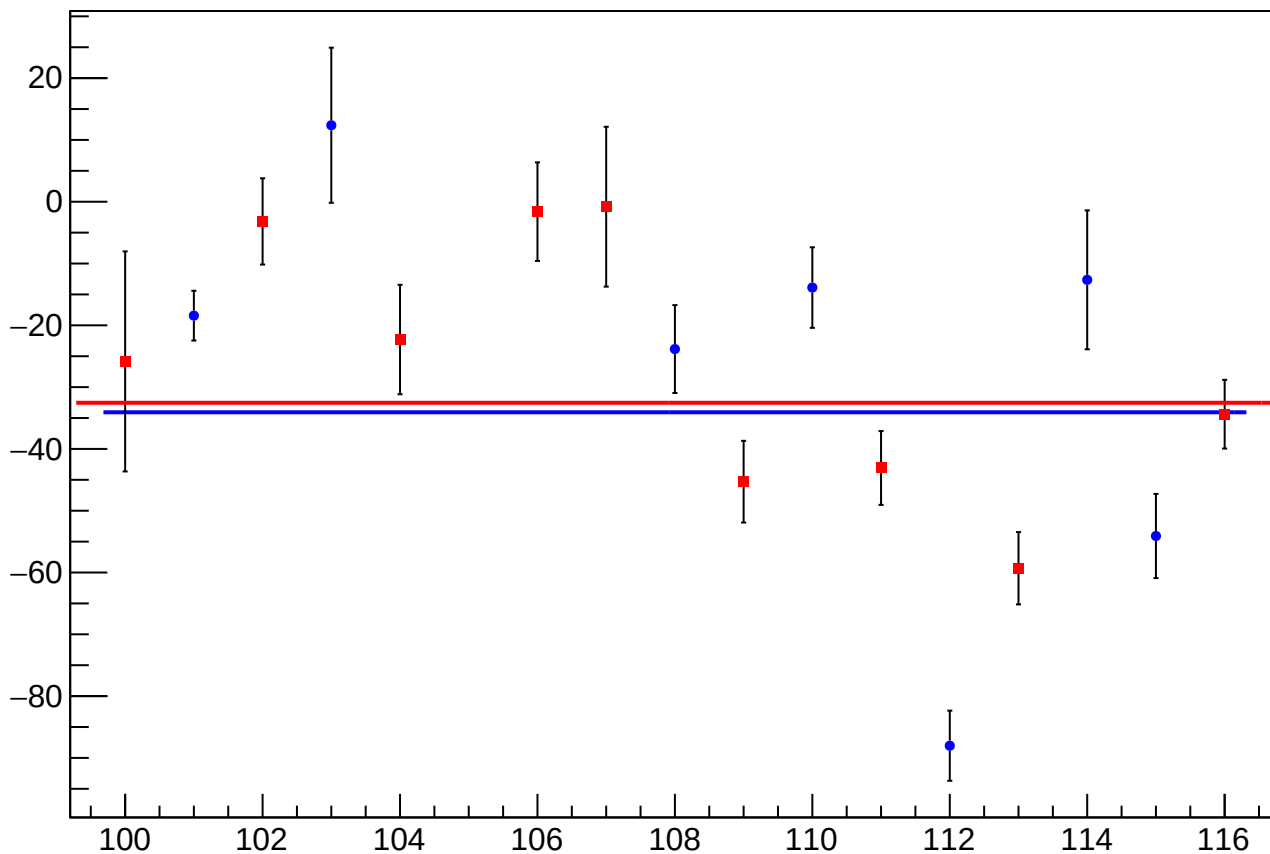
Right: 71.689+/-1.365 χ^2/NDF : 8647.7/15

In: 46.590+/-1.939 χ^2/NDF : 4335.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.689+/-1.365 χ^2/NDF : 8647.7/15

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.073 ± 2.412 χ^2/NDF : 143.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.532 ± 2.421 χ^2/NDF : 68.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

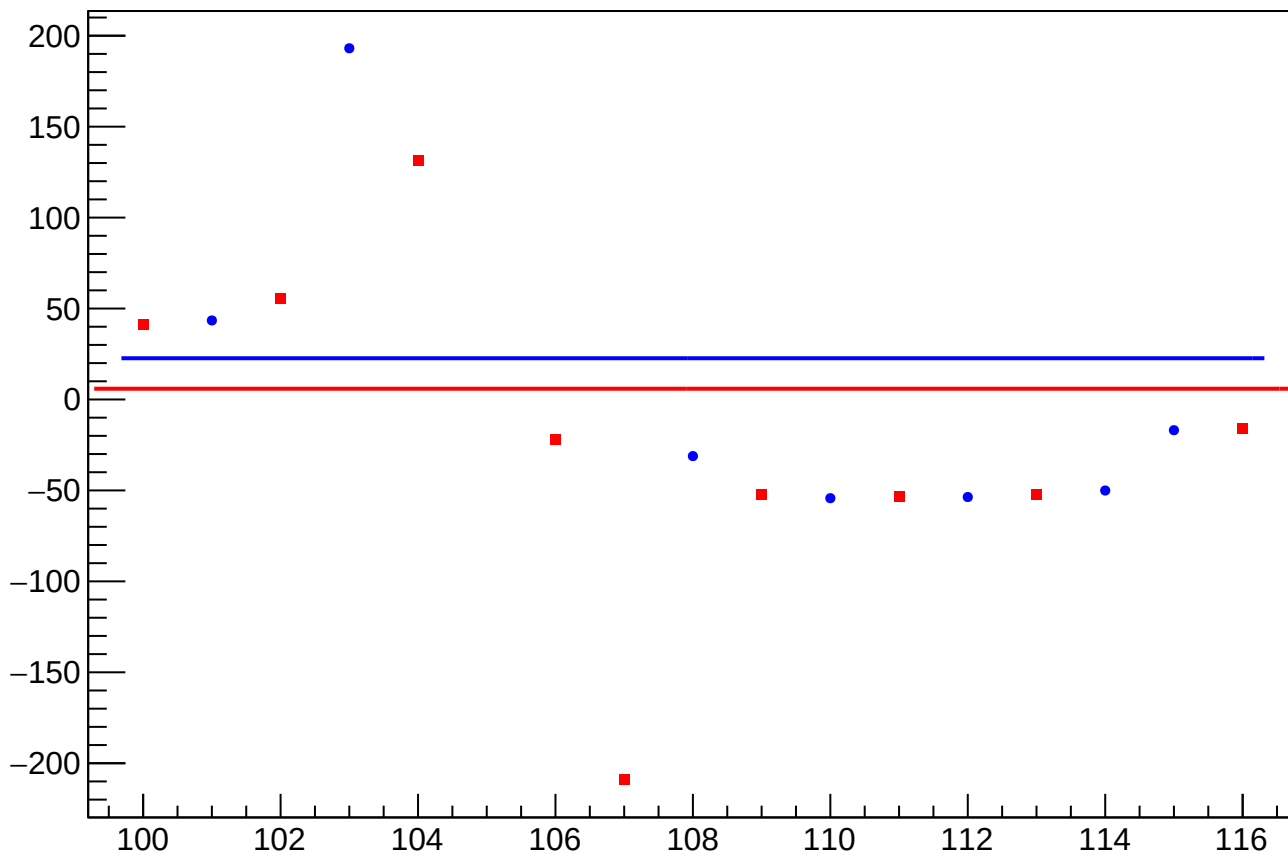
Right: -33.306 ± 1.709 χ^2/NDF : 211.4/15

In: -34.073 ± 2.412 χ^2/NDF : 143.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.306 ± 1.709 χ^2/NDF : 211.4/15

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 22.672+/-0.116 χ^2/NDF : 407968.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.917+/-0.112 χ^2/NDF : 401396.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

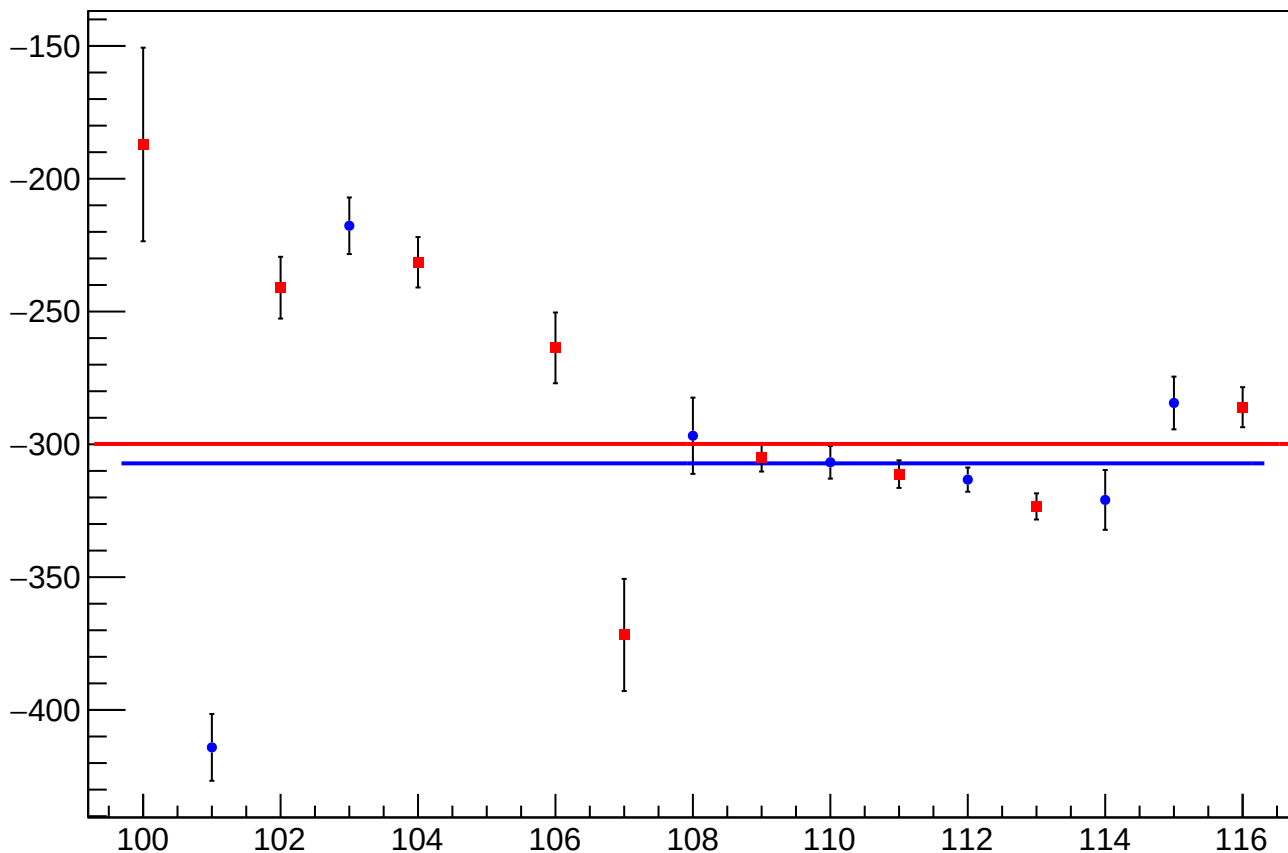
Right: 14.019+/-0.080 χ^2/NDF : 820232.2/15

In: 22.672+/-0.116 χ^2/NDF :407968.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.019+/-0.080 χ^2/NDF : 820232.2/15

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -307.157 $\pm$ 2.979 χ^2 /NDF: 151.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -299.845 $\pm$ 2.519 χ^2 /NDF: 137.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

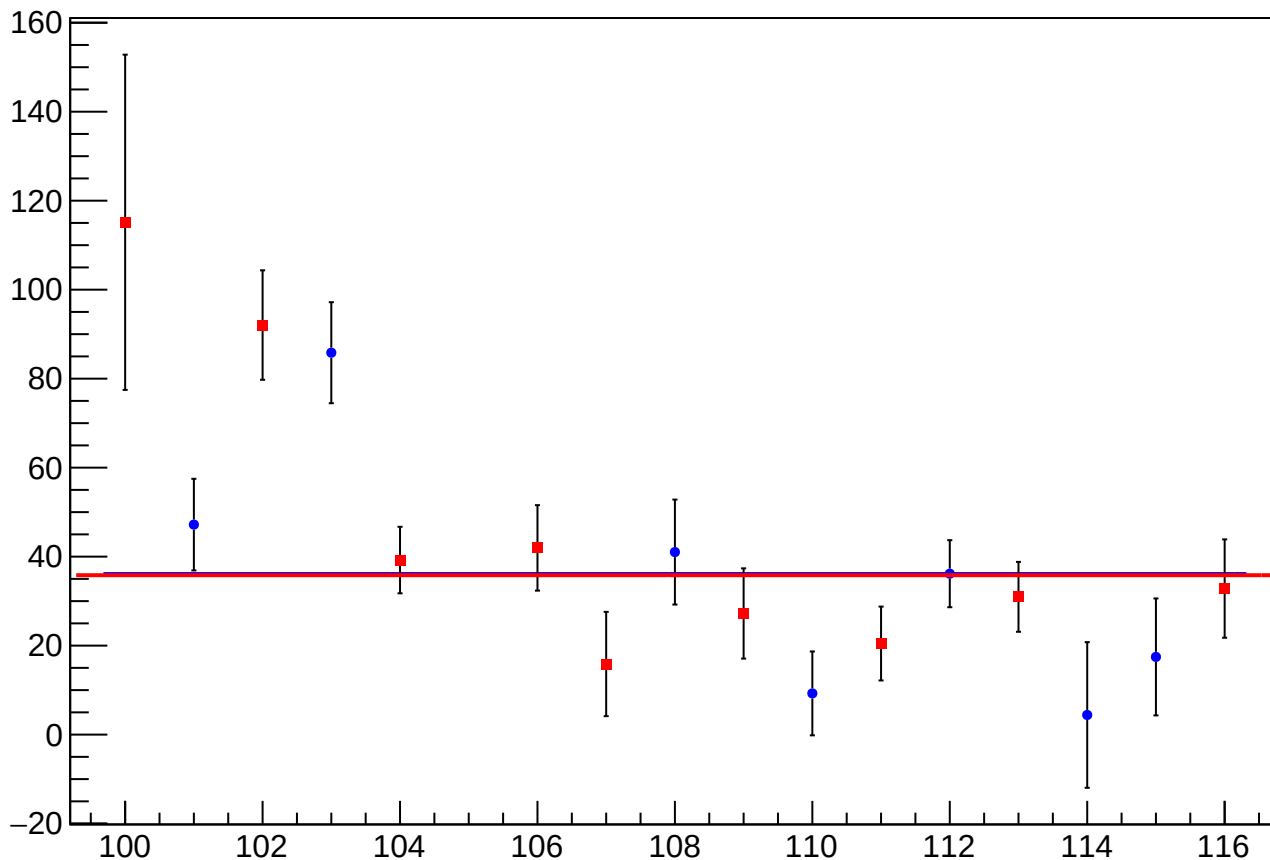
Right: -302.892 $\pm$ 1.923 χ^2 /NDF: 293.2/15

In: -307.157 $\pm$ 2.979 χ^2 /NDF:151.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -302.892 $\pm$ 1.923 χ^2 /NDF: 293.2/15

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.081+/-3.991 χ^2 /NDF: 34.4/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 35.827+/-3.298 χ^2 /NDF: 33.4/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

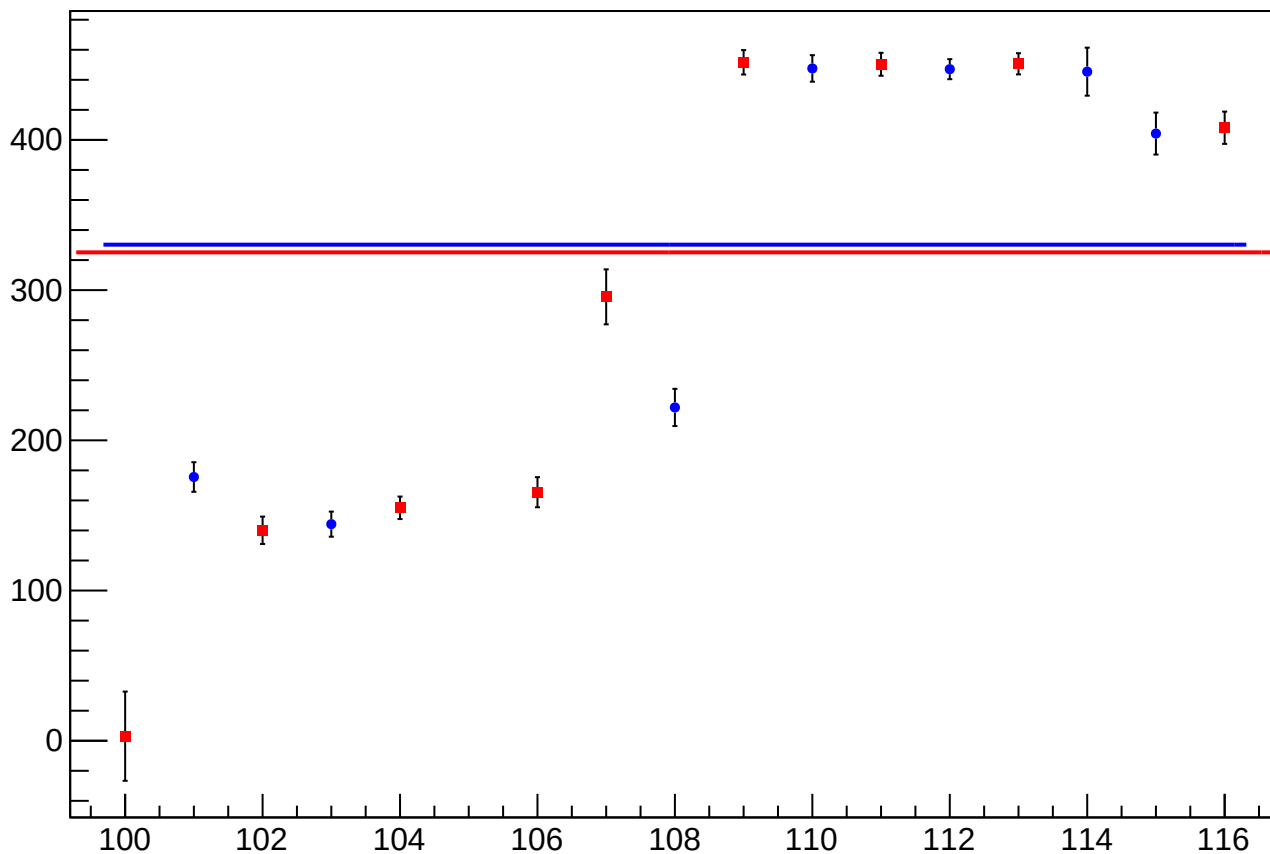
Right: 35.930+/-2.542 χ^2 /NDF: 67.8/15

In: 36.081+/-3.991 χ^2 /NDF:34.4/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 35.930+/-2.542 χ^2 /NDF: 67.8/15

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 330.262 $\pm$ 3.639 χ^2 /NDF: 1382.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 325.143 $\pm$ 3.086 χ^2 /NDF: 2189.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

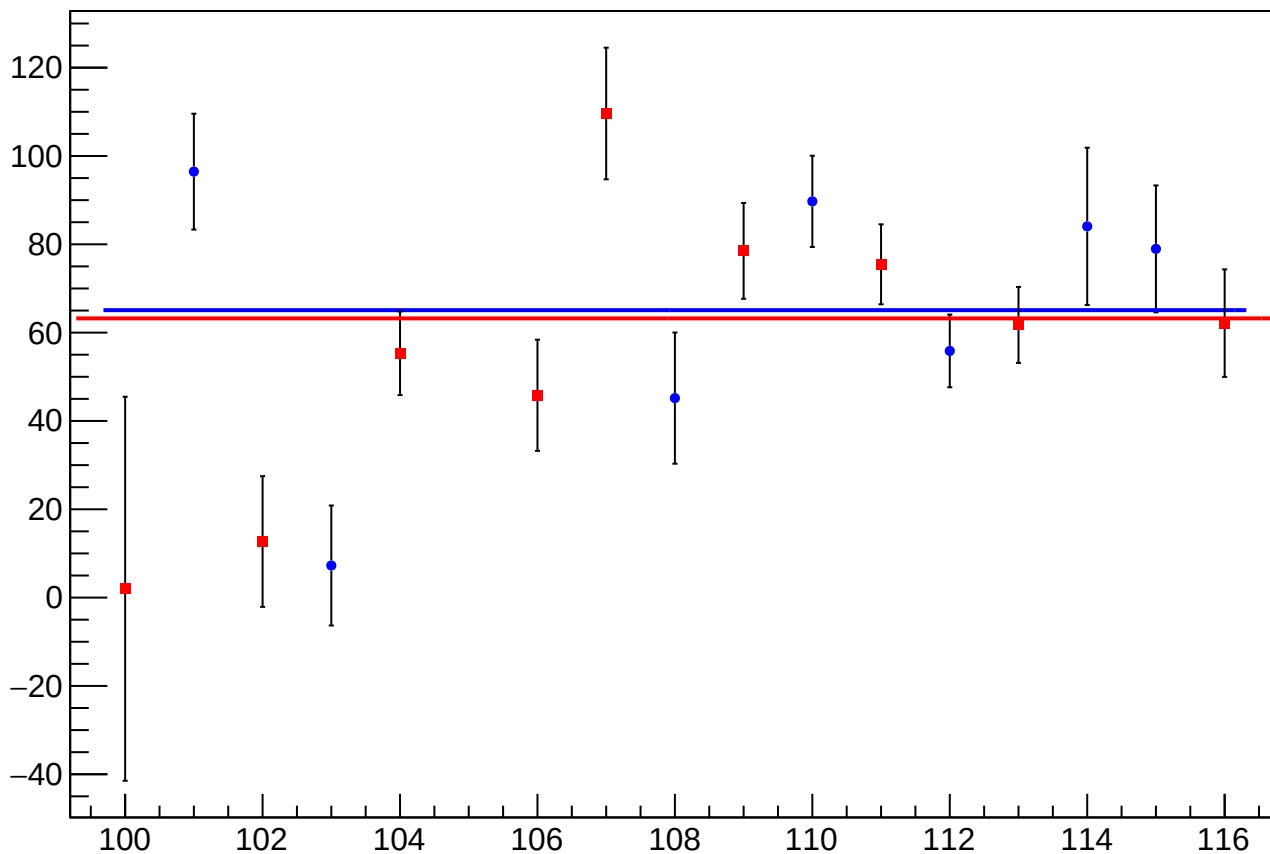
Right: 327.284 $\pm$ 2.354 χ^2 /NDF: 3572.8/15

In: 330.262 $\pm$ 3.639 χ^2 /NDF:1382.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 327.284 $\pm$ 2.354 χ^2 /NDF: 3572.8/15

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 65.089+/-4.570 χ^2 /NDF: 34.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 63.222+/-3.834 χ^2 /NDF: 29.8/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

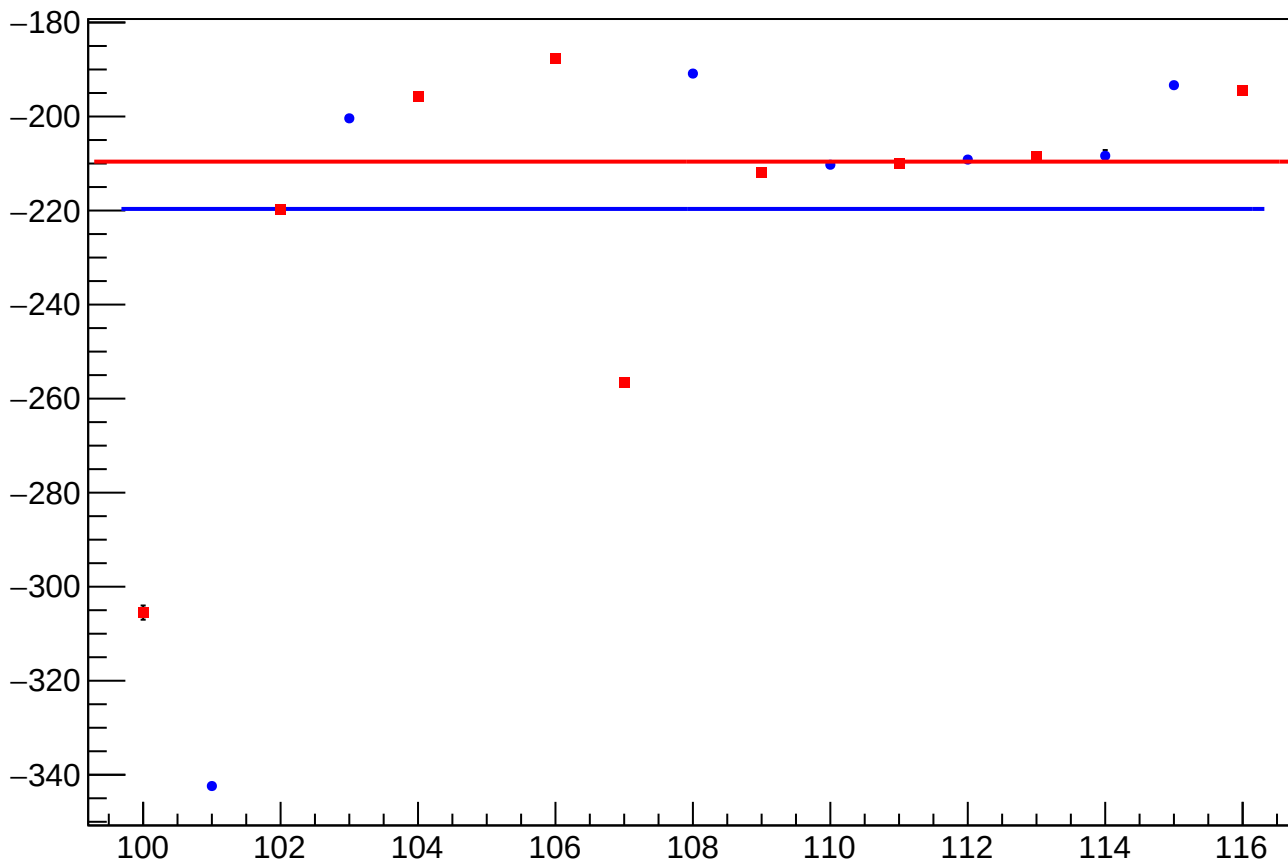
Right: 63.993+/-2.937 χ^2 /NDF: 64.5/15

In: 65.089+/-4.570 χ^2 /NDF:34.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 63.993+/-2.937 χ^2 /NDF: 64.5/15

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.657+/-0.213 χ^2/NDF : 51005.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.596+/-0.182 χ^2/NDF : 12065.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

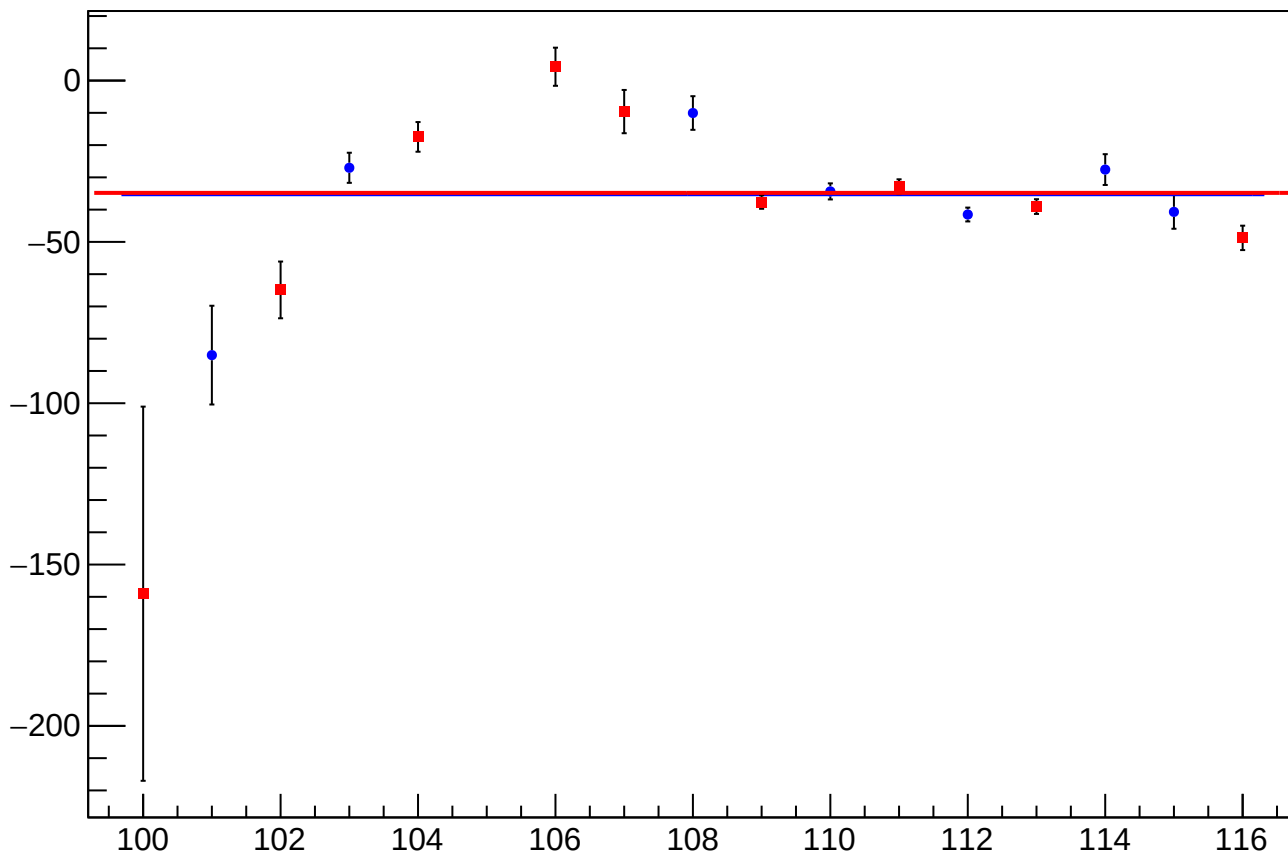
Right: -213.842+/-0.139 χ^2/NDF : 64356.3/15

In: -219.657+/-0.213 χ^2/NDF : 51005.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.842+/-0.139 χ^2/NDF : 64356.3/15

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.223+/-1.354 χ^2/NDF : 49.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.809+/-1.125 χ^2/NDF : 108.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

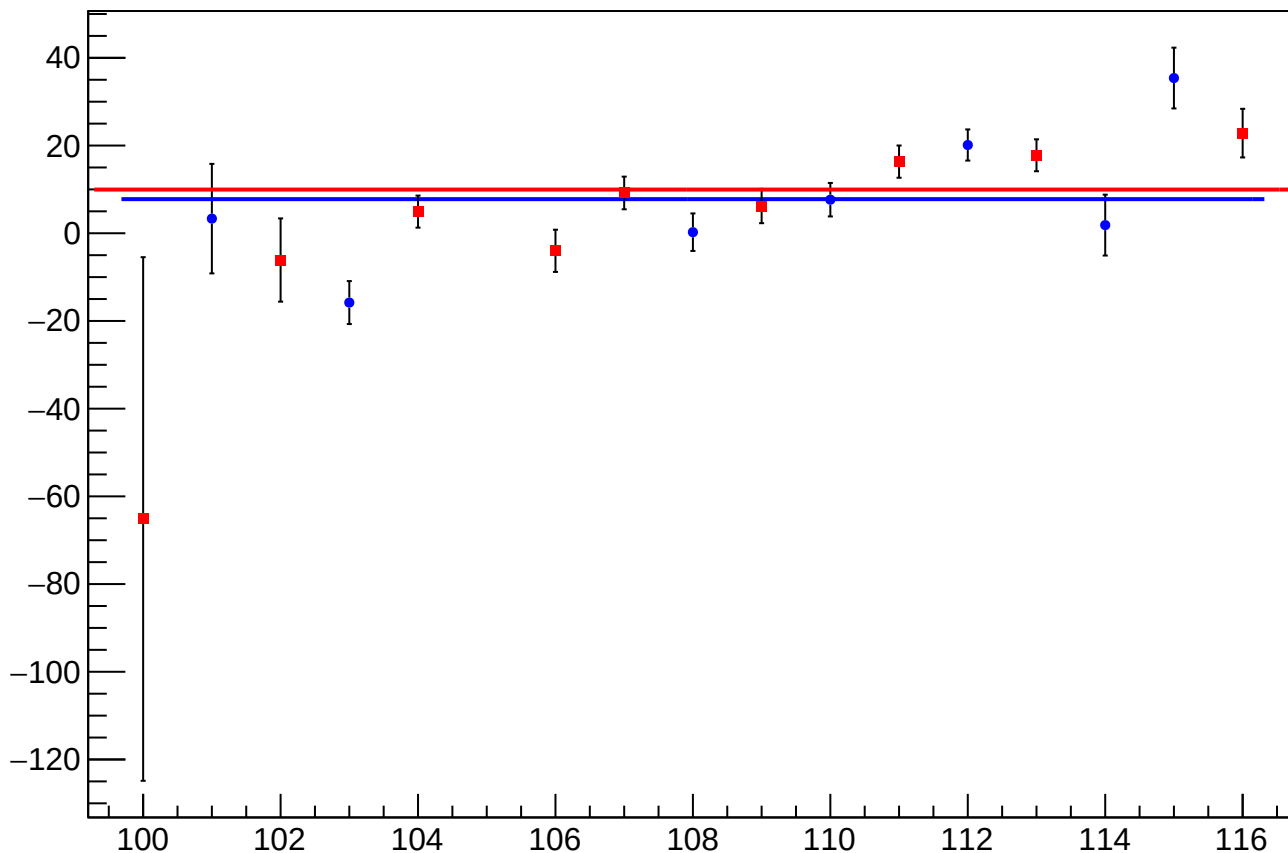
Right: -34.978+/-0.865 χ^2/NDF : 157.5/15

In: -35.223+/-1.354 χ^2/NDF : 49.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.978+/-0.865 χ^2/NDF : 157.5/15

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.777+/-1.850 χ^2/NDF : 55.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.963+/-1.493 χ^2/NDF : 28.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

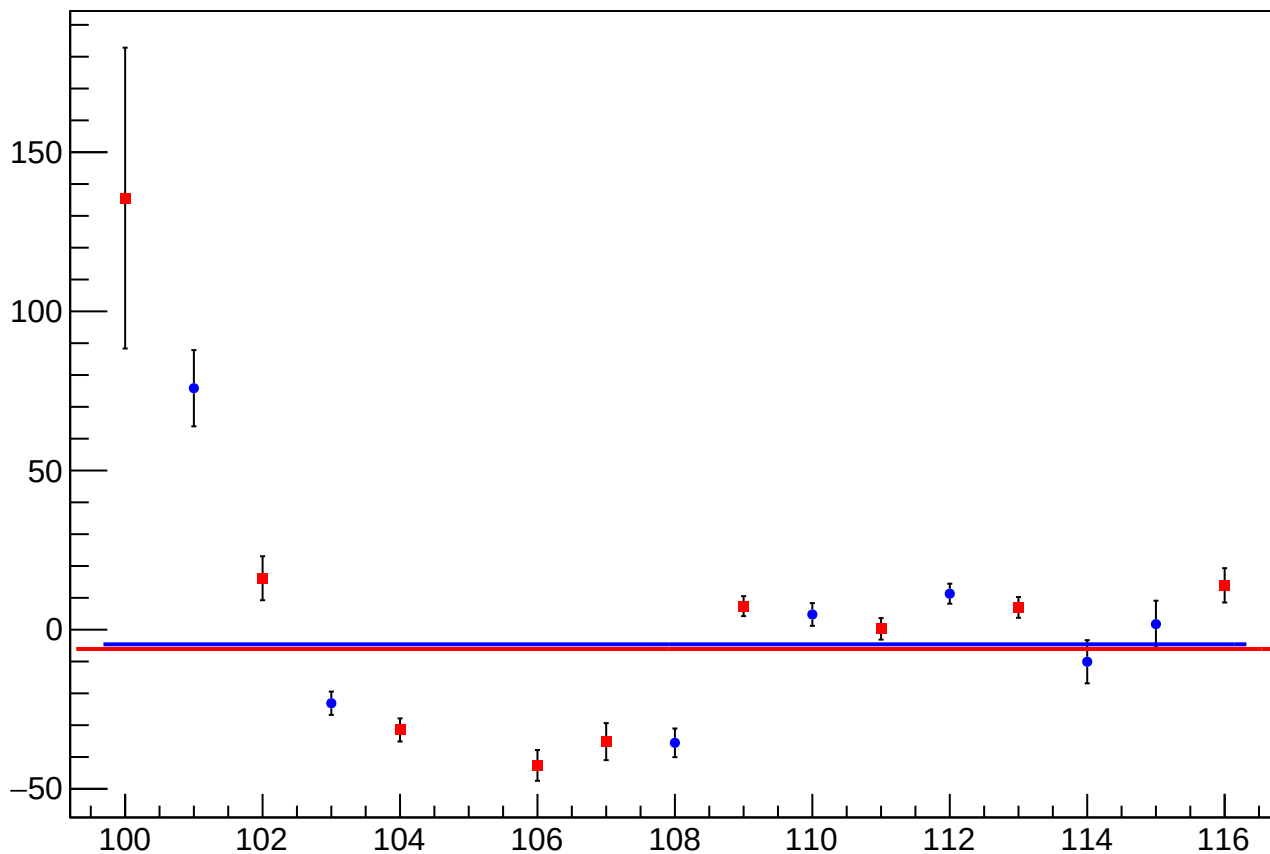
Right: 9.101+/-1.162 χ^2/NDF : 84.7/15

In: 7.777+/-1.850 χ^2/NDF : 55.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.101+/-1.162 χ^2/NDF : 84.7/15

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.602 $\pm$ 1.688 χ^2 /NDF: 151.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.064 $\pm$ 1.433 χ^2 /NDF: 202.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

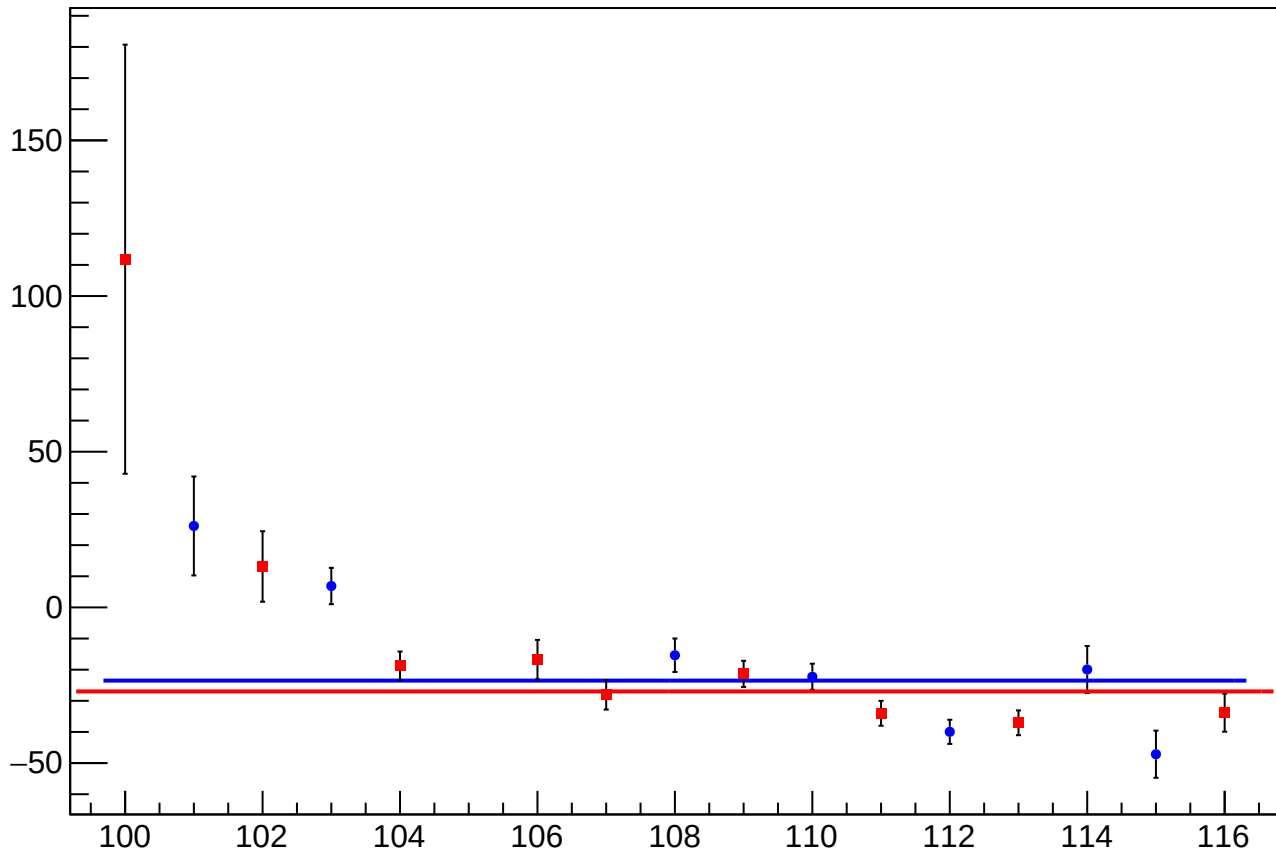
Right: -5.452 $\pm$ 1.093 χ^2 /NDF: 354.8/15

In: -4.602 $\pm$ 1.688 χ^2 /NDF:151.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.452 $\pm$ 1.093 χ^2 /NDF: 354.8/15

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.512 $\pm$ 2.102 χ^2 /NDF: 67.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.983 $\pm$ 1.731 χ^2 /NDF: 35.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

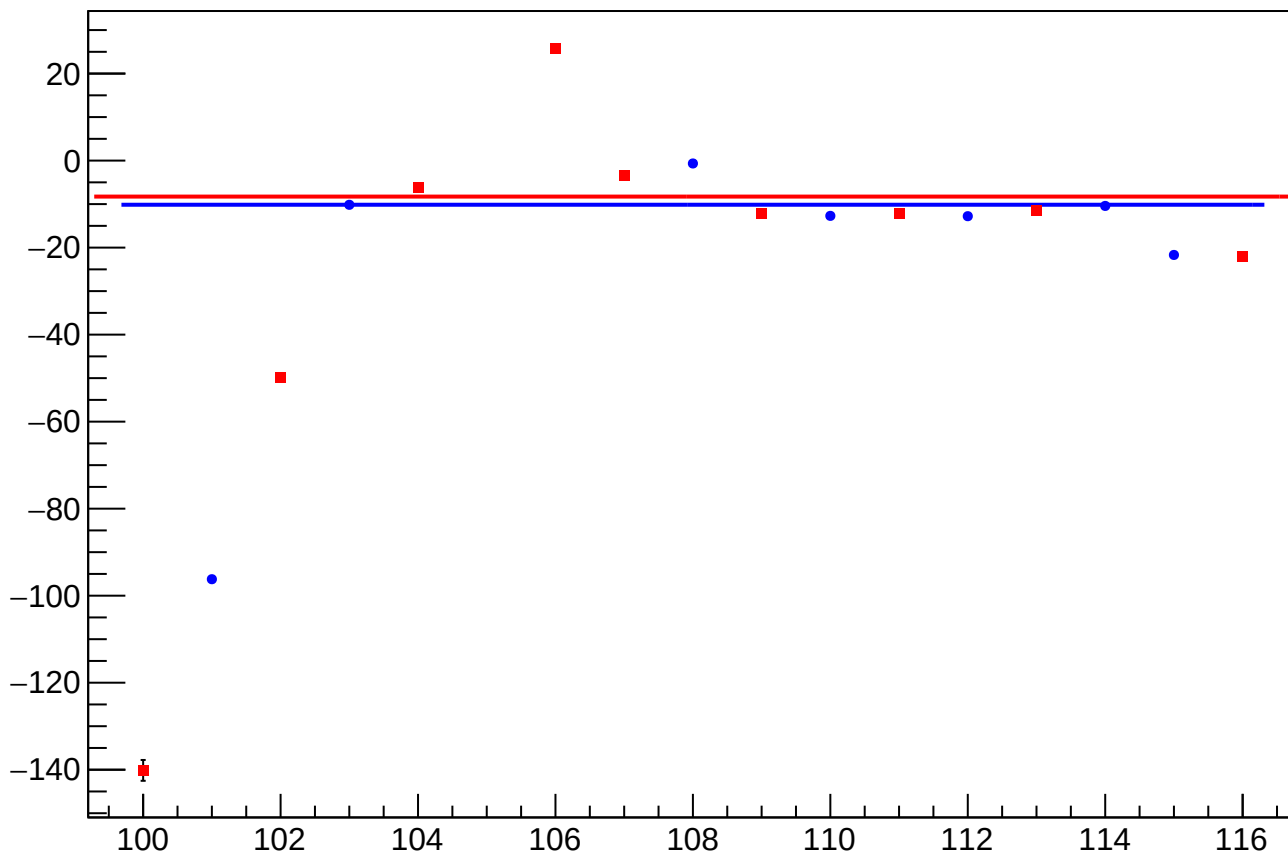
Right: -25.580 $\pm$ 1.336 χ^2 /NDF: 103.8/15

In: -23.512 $\pm$ 2.102 χ^2 /NDF:67.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.580 $\pm$ 1.336 χ^2 /NDF: 103.8/15

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.147+/-0.096 χ^2/NDF : 18058.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.271+/-0.085 χ^2/NDF : 46797.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

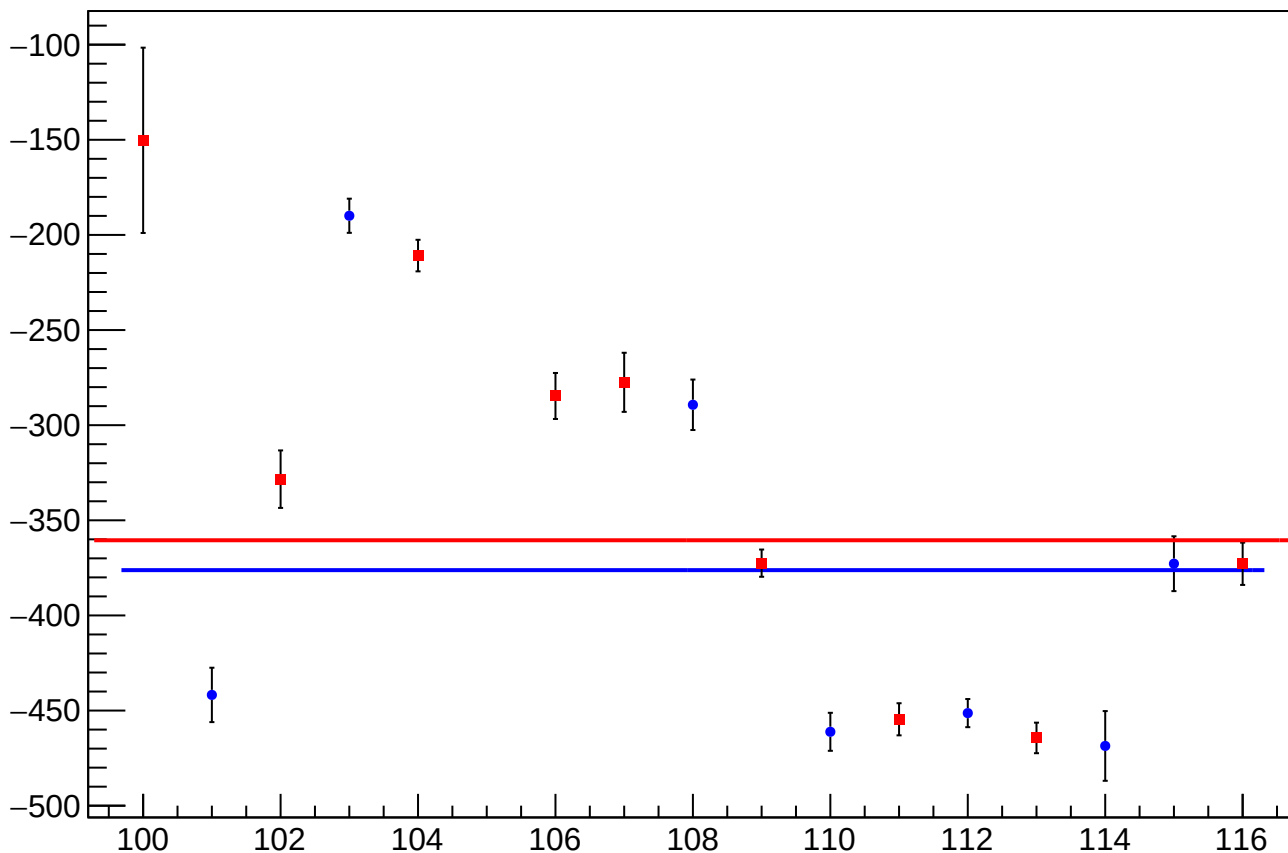
Right: -9.102+/-0.064 χ^2/NDF : 65070.0/15

In: -10.147+/-0.096 χ^2/NDF : 18058.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.102+/-0.064 χ^2/NDF : 65070.0/15

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -376.192+/-4.114 χ^2 /NDF: 695.5/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -360.489+/-3.381 χ^2 /NDF: 712.1/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

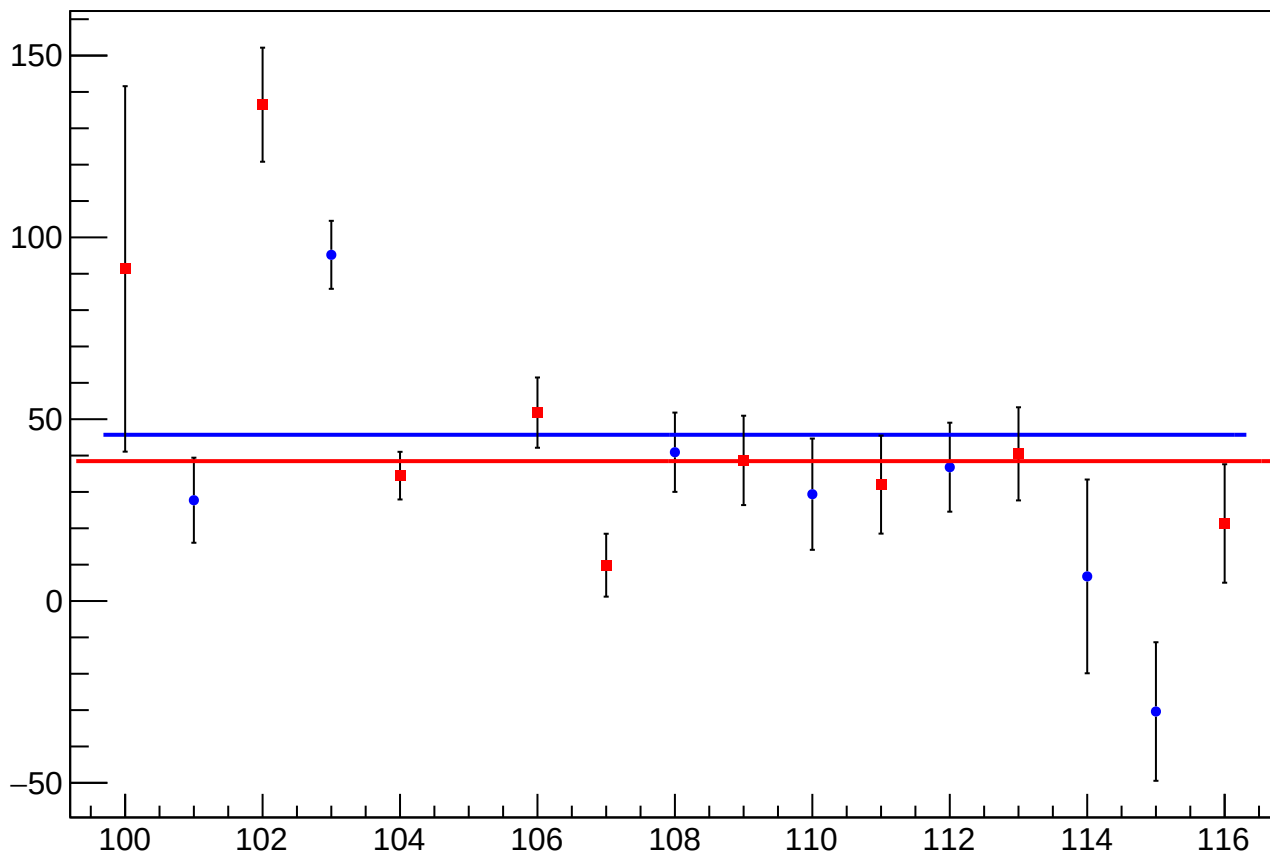
Right: -366.820+/-2.612 χ^2 /NDF: 1416.3/15

In: -376.192+/-4.114 χ^2 /NDF:695.5/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -366.820+/-2.612 χ^2 /NDF: 1416.3/15

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 45.716+/-4.864 χ^2/NDF : 50.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.471+/-3.680 χ^2/NDF : 54.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

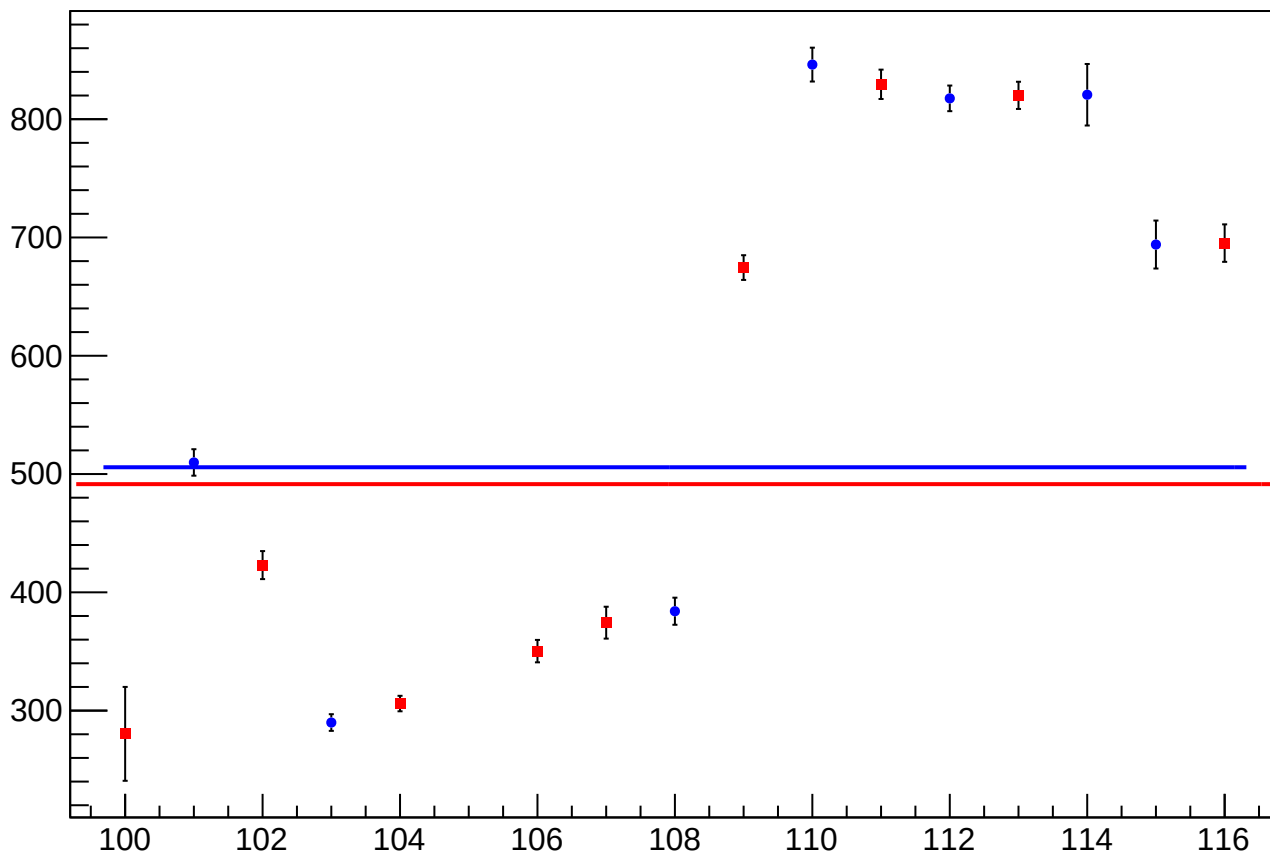
Right: 41.109+/-2.935 χ^2/NDF : 106.5/15

In: 45.716+/-4.864 χ^2/NDF : 50.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.109+/-2.935 χ^2/NDF : 106.5/15

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 505.736+/-4.341 χ^2/NDF : 2678.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.462+/-3.653 χ^2/NDF : 3193.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

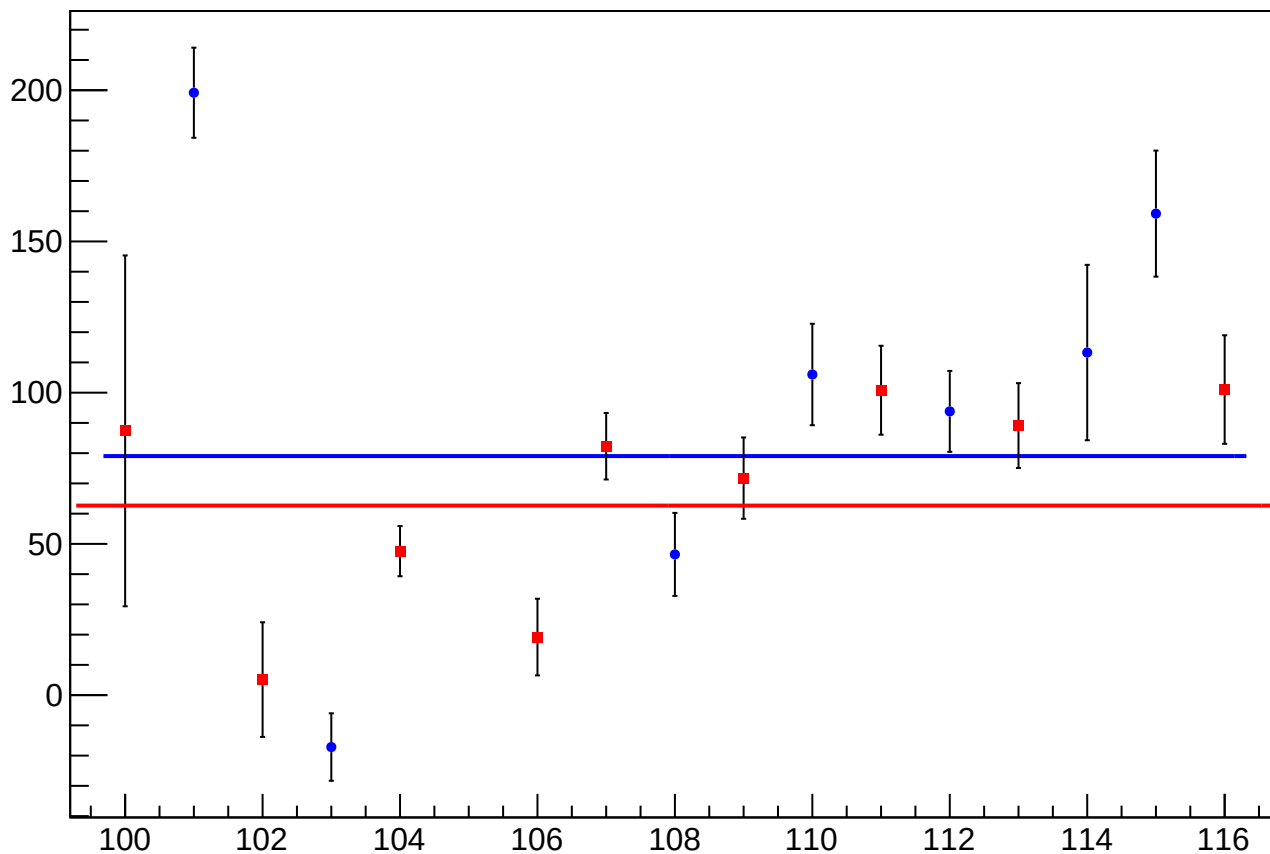
Right: 497.380+/-2.795 χ^2/NDF : 5879.1/15

In: 505.736+/-4.341 χ^2/NDF : 2678.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.380+/-2.795 χ^2/NDF : 5879.1/15

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 79.033+/-5.727 χ^2 /NDF: 165.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 62.660+/-4.450 χ^2 /NDF: 43.0/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

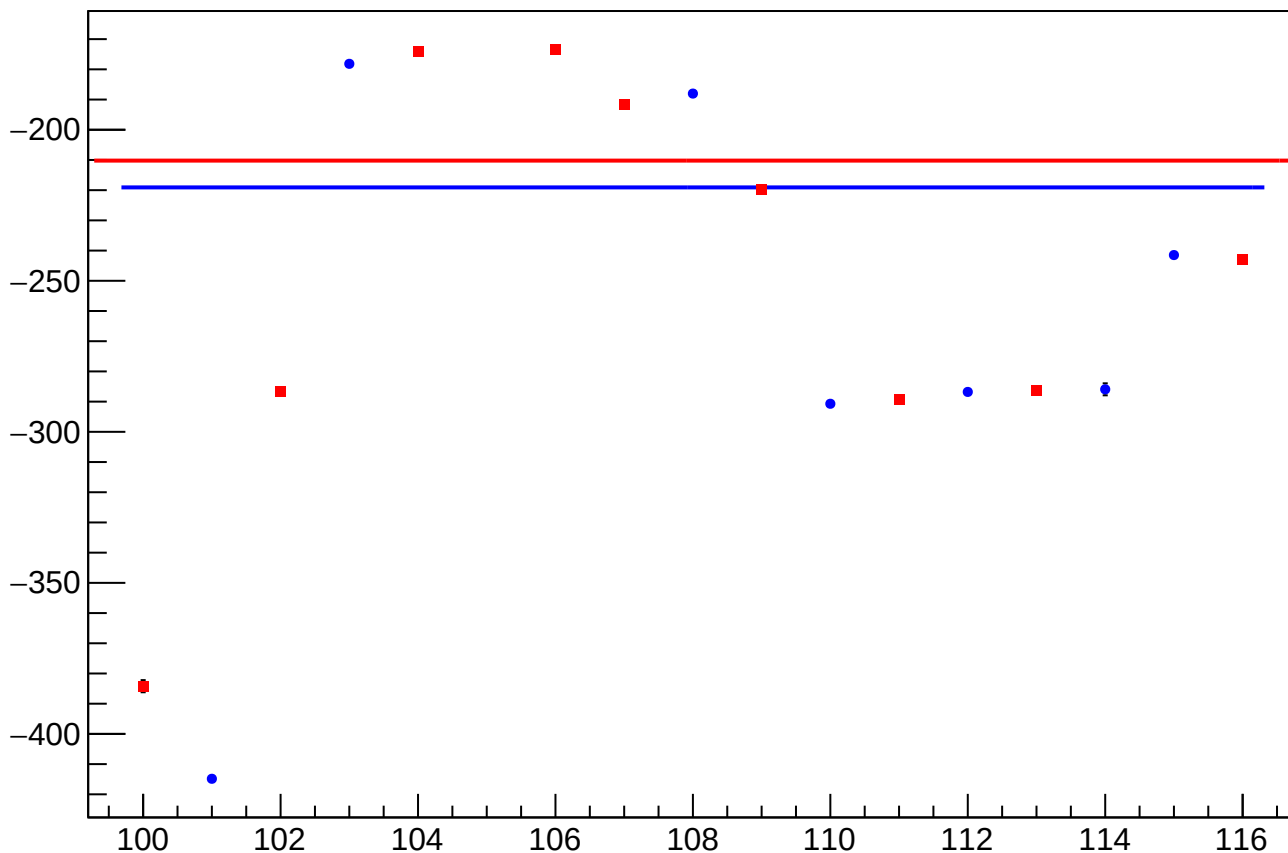
Right: 68.824+/-3.514 χ^2 /NDF: 213.1/15

In: 79.033+/-5.727 χ^2 /NDF:165.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 68.824+/-3.514 χ^2 /NDF: 213.1/15

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.082+/-0.218 χ^2/NDF : 121024.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -210.212+/-0.196 χ^2/NDF : 64003.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

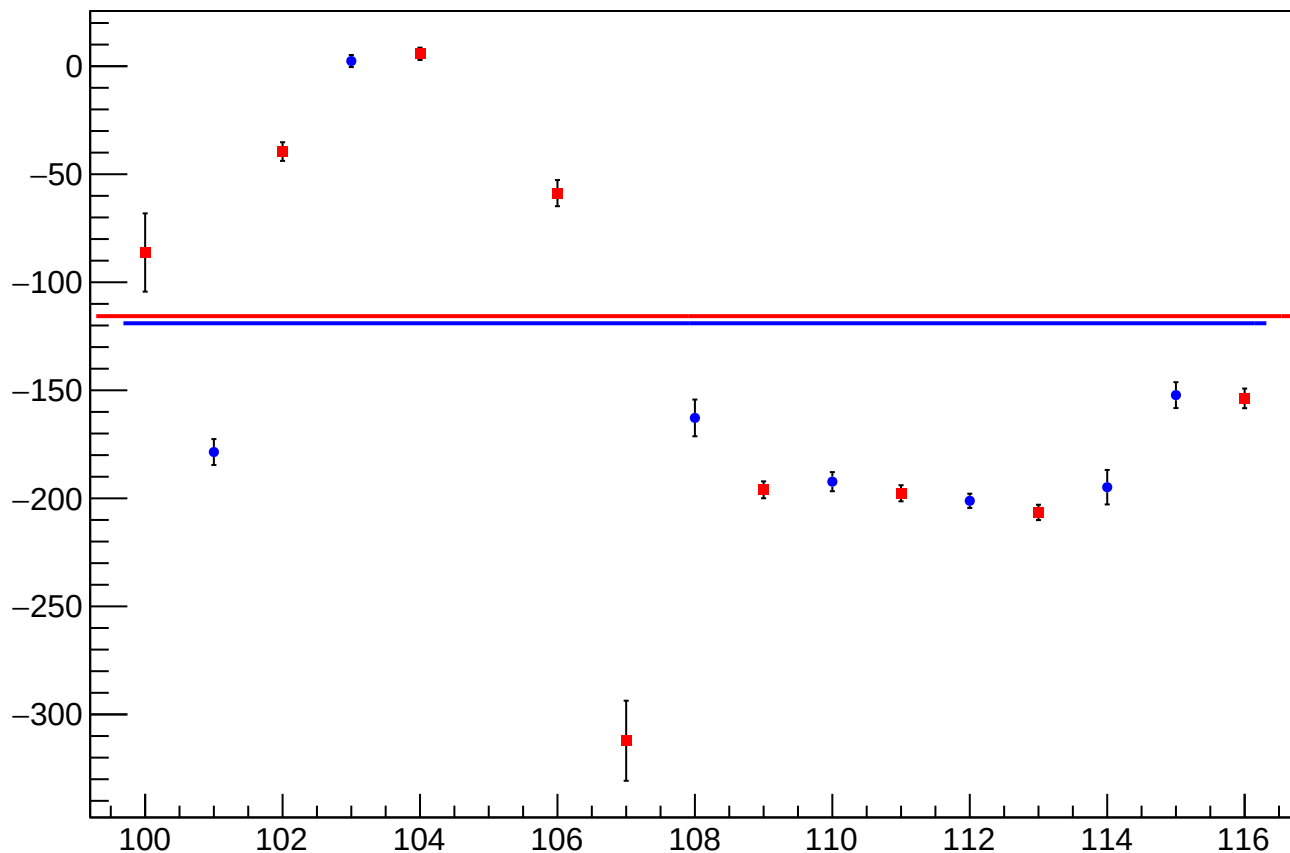
Right: -214.167+/-0.146 χ^2/NDF : 185944.7/15

In: -219.082+/-0.218 χ^2/NDF :121024.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -214.167+/-0.146 χ^2/NDF : 185944.7/15

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -118.976+/-1.671 χ^2/NDF : 3050.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -115.676+/-1.449 χ^2/NDF : 3973.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

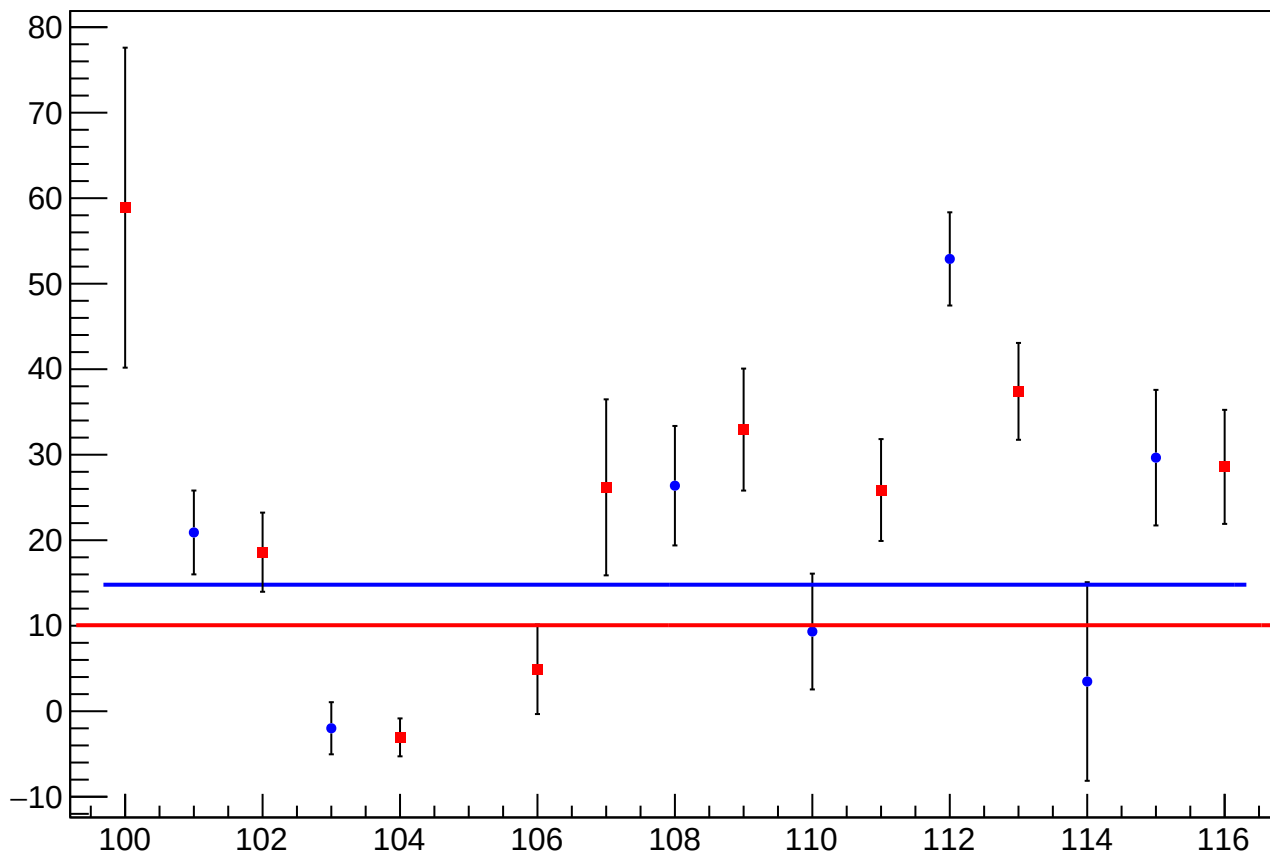
Right: -117.093+/-1.095 χ^2/NDF : 7026.2/15

In: -118.976+/-1.671 χ^2/NDF :3050.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -117.093+/-1.095 χ^2/NDF : 7026.2/15

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.797 $\pm$ 2.006 χ^2 /NDF: 88.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.059 $\pm$ 1.581 χ^2 /NDF: 97.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

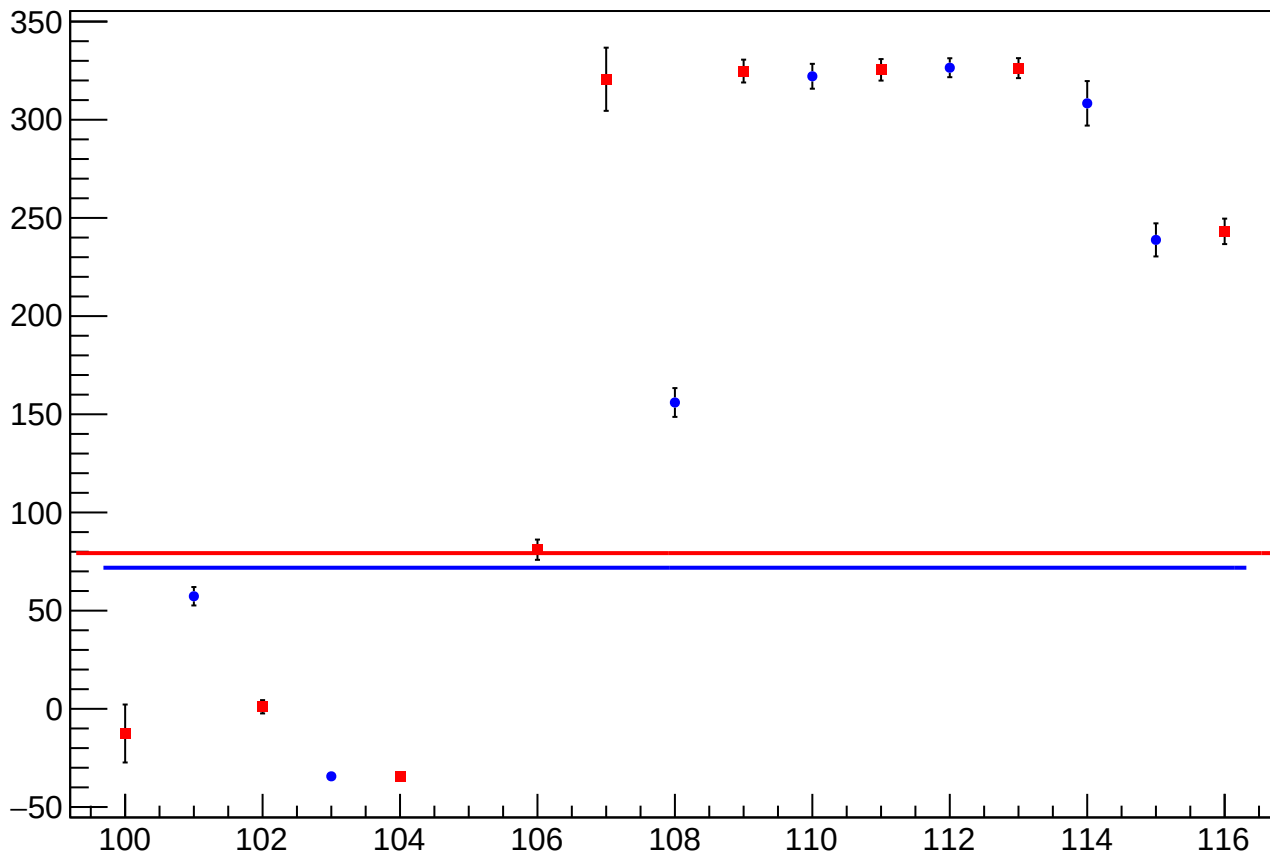
Right: 11.874 $\pm$ 1.241 χ^2 /NDF: 189.0/15

In: 14.797 $\pm$ 2.006 χ^2 /NDF: 88.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.874 $\pm$ 1.241 χ^2 /NDF: 189.0/15

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.859+/-1.659 χ^2/NDF : 7683.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.299+/-1.478 χ^2/NDF : 10169.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

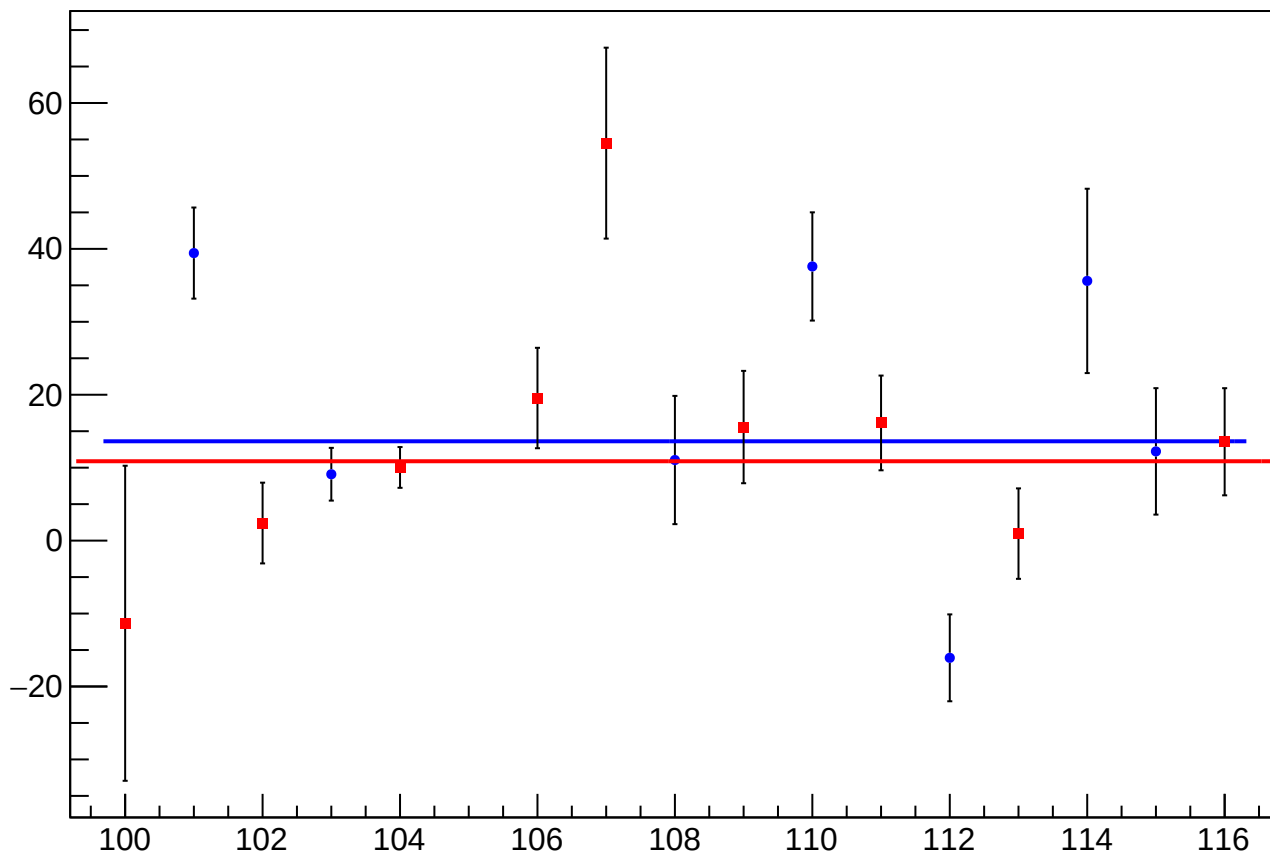
Right: 76.006+/-1.104 χ^2/NDF : 17864.1/15

In: 71.859+/-1.659 χ^2/NDF : 7683.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.006+/-1.104 χ^2/NDF : 17864.1/15

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.619 $\pm$ 2.351 χ^2 /NDF: 57.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.882 $\pm$ 1.908 χ^2 /NDF: 19.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

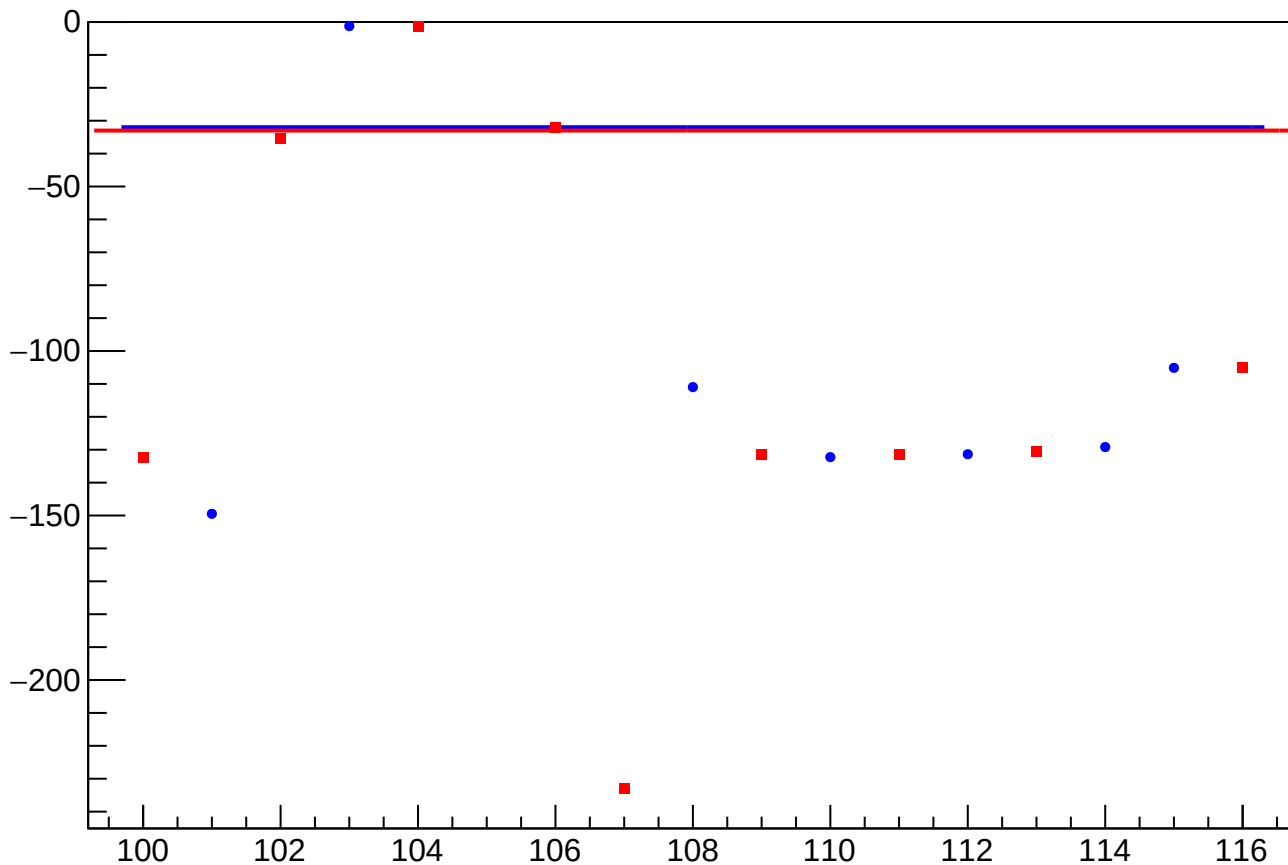
Right: 11.969 $\pm$ 1.481 χ^2 /NDF: 77.8/15

In: 13.619 $\pm$ 2.351 χ^2 /NDF: 57.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.969 $\pm$ 1.481 χ^2 /NDF: 77.8/15

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -31.976+/-0.079 χ^2/NDF : 491372.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.993+/-0.073 χ^2/NDF : 395215.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

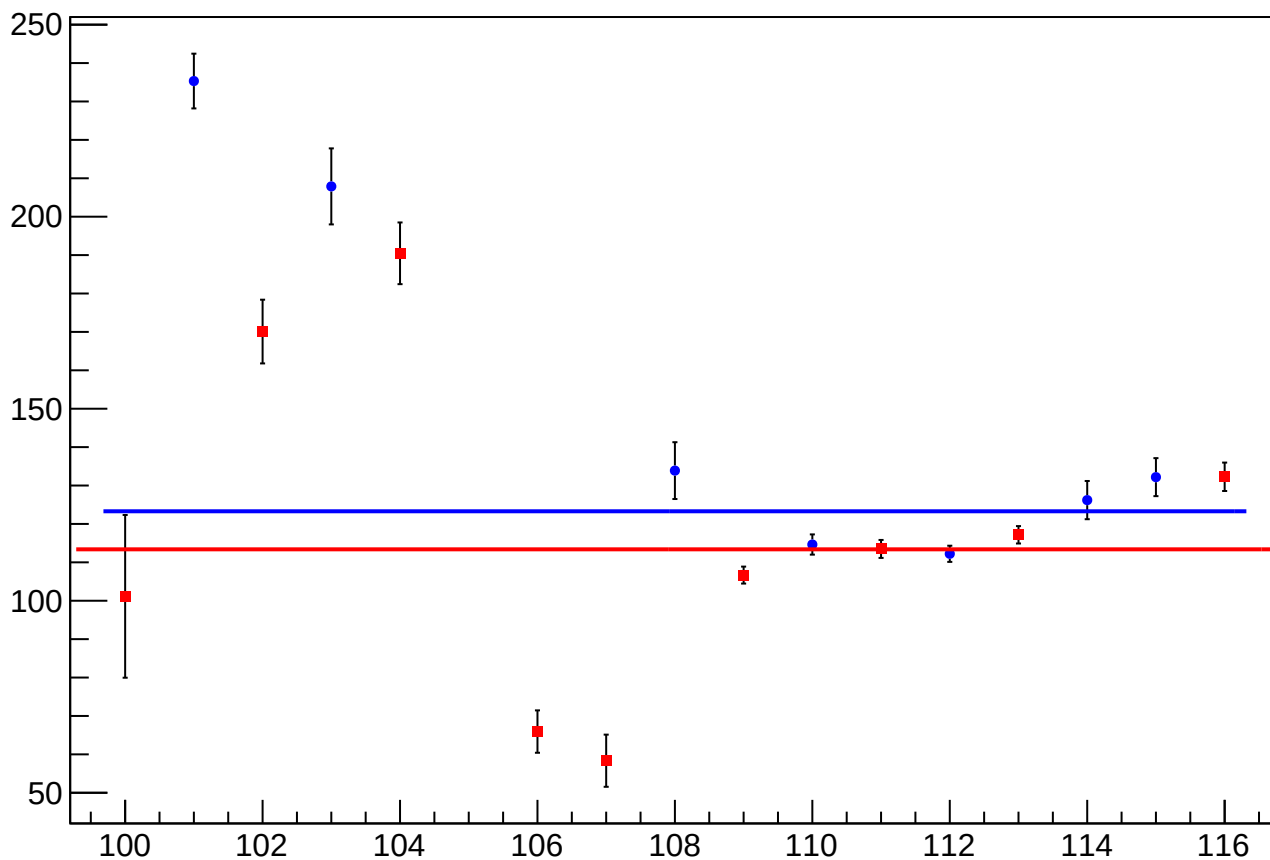
Right: -32.526+/-0.054 χ^2/NDF : 886677.8/15

In: -31.976+/-0.079 χ^2/NDF : 491372.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.526+/-0.054 χ^2/NDF : 886677.8/15

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 123.294+/-1.416 χ^2/NDF : 364.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.387+/-1.160 χ^2/NDF : 316.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

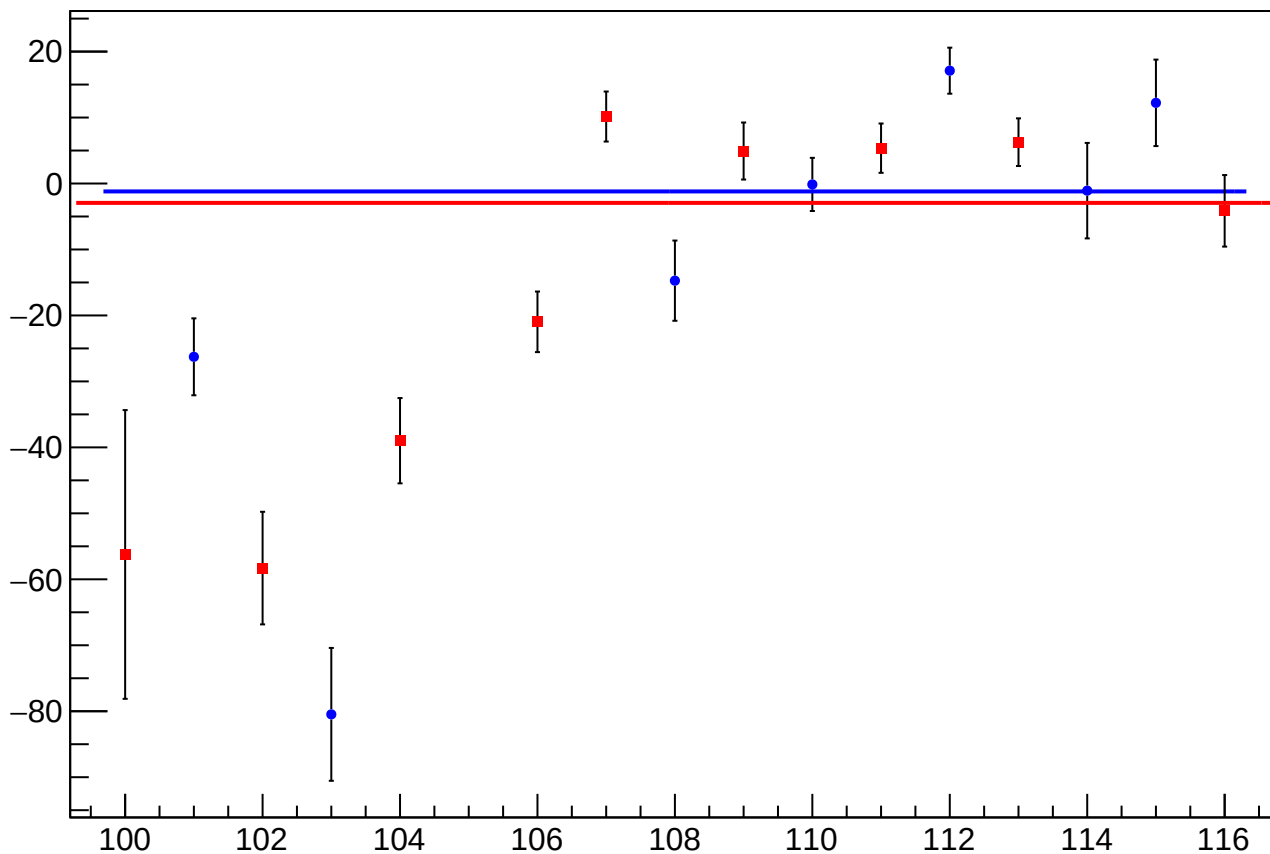
Right: 117.367+/-0.897 χ^2/NDF : 710.2/15

In: 123.294+/-1.416 χ^2/NDF : 364.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.367+/-0.897 χ^2/NDF : 710.2/15

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.201+/-1.990 χ^2 /NDF: 117.2/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.937+/-1.596 χ^2 /NDF: 121.2/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

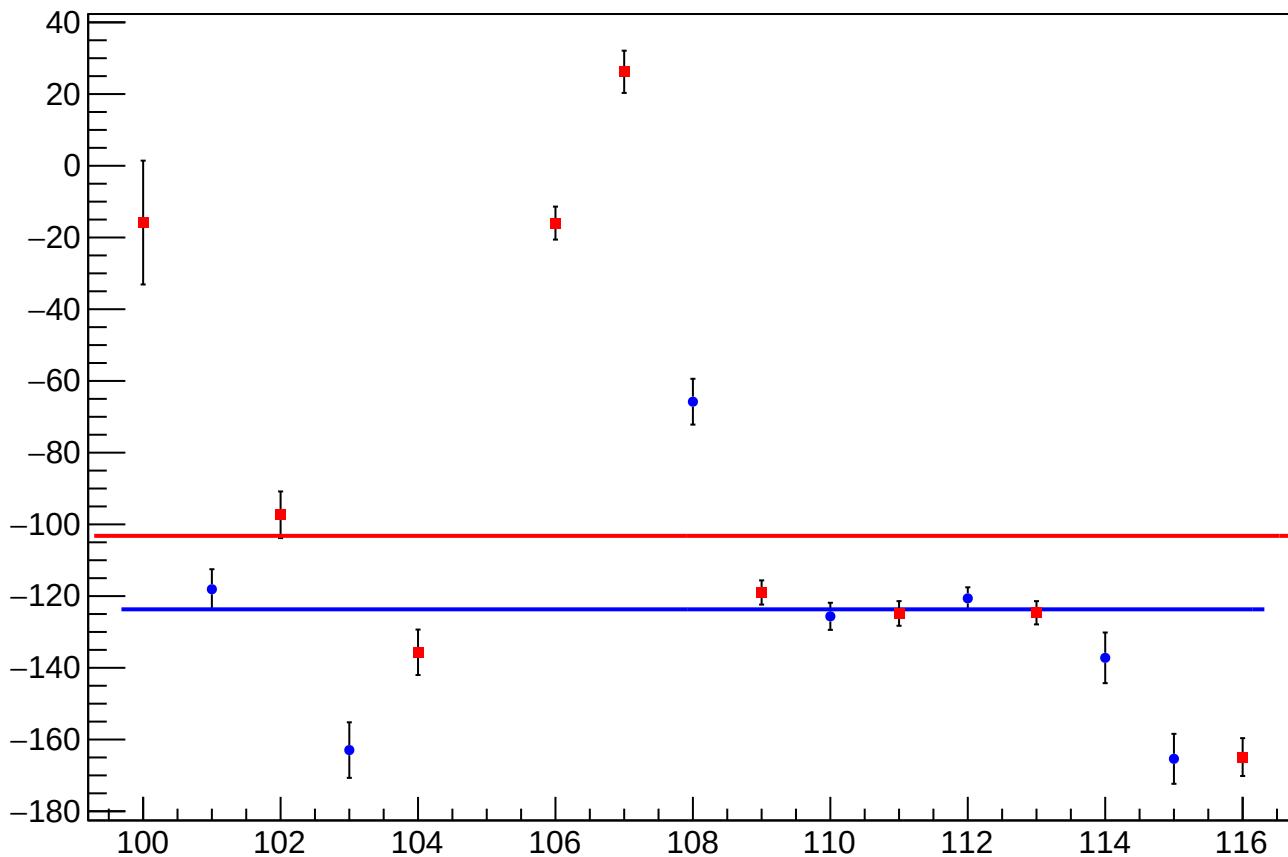
Right: -2.258+/-1.245 χ^2 /NDF: 238.9/15

In: -1.201+/-1.990 χ^2 /NDF:117.2/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.258+/-1.245 χ^2 /NDF: 238.9/15

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -123.692 $\pm$ 1.860 χ^2 /NDF: 149.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -103.200 $\pm$ 1.523 χ^2 /NDF: 1136.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

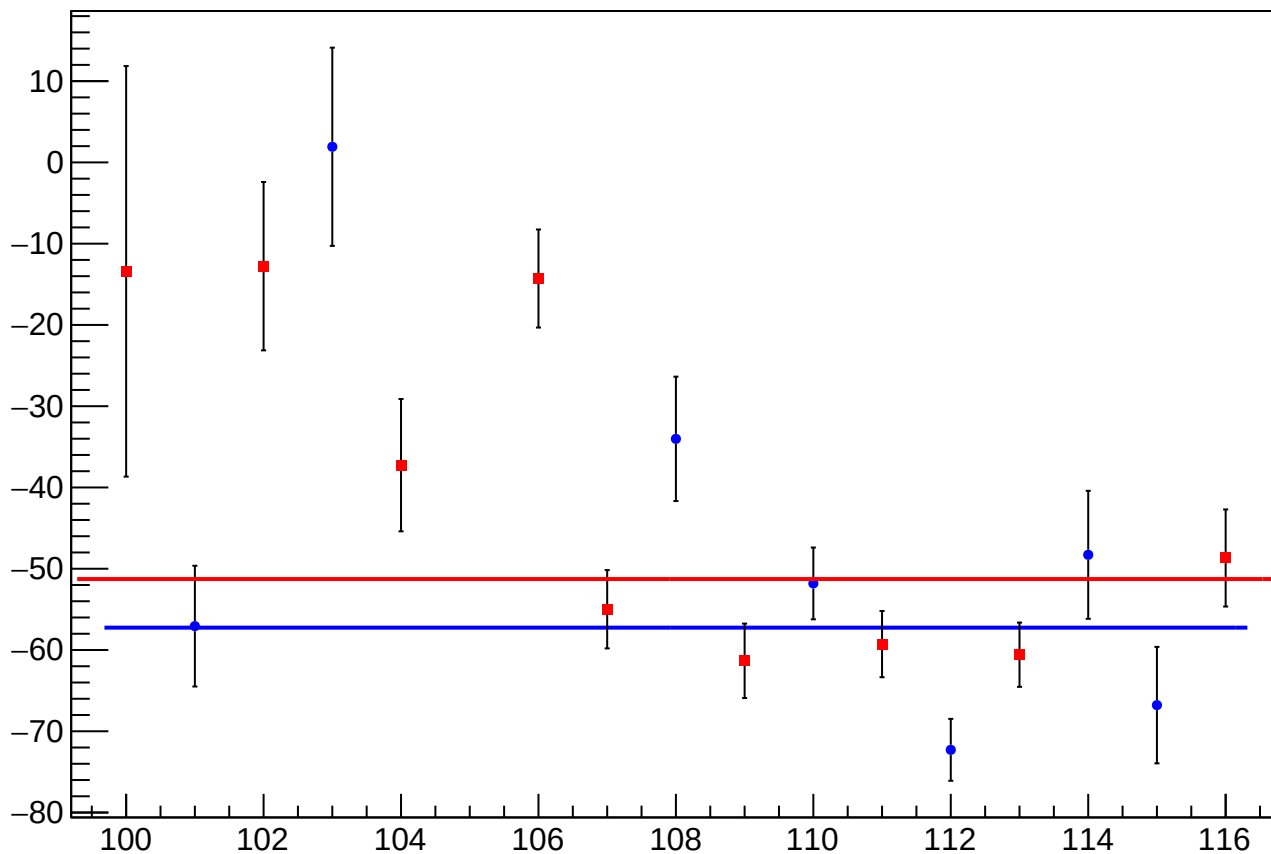
Right: -111.425 $\pm$ 1.178 χ^2 /NDF: 1358.6/15

In: -123.692 $\pm$ 1.860 χ^2 /NDF:149.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -111.425 $\pm$ 1.178 χ^2 /NDF: 1358.6/15

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.249 ± 2.249 χ^2/NDF : 52.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -51.267 ± 1.837 χ^2/NDF : 71.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

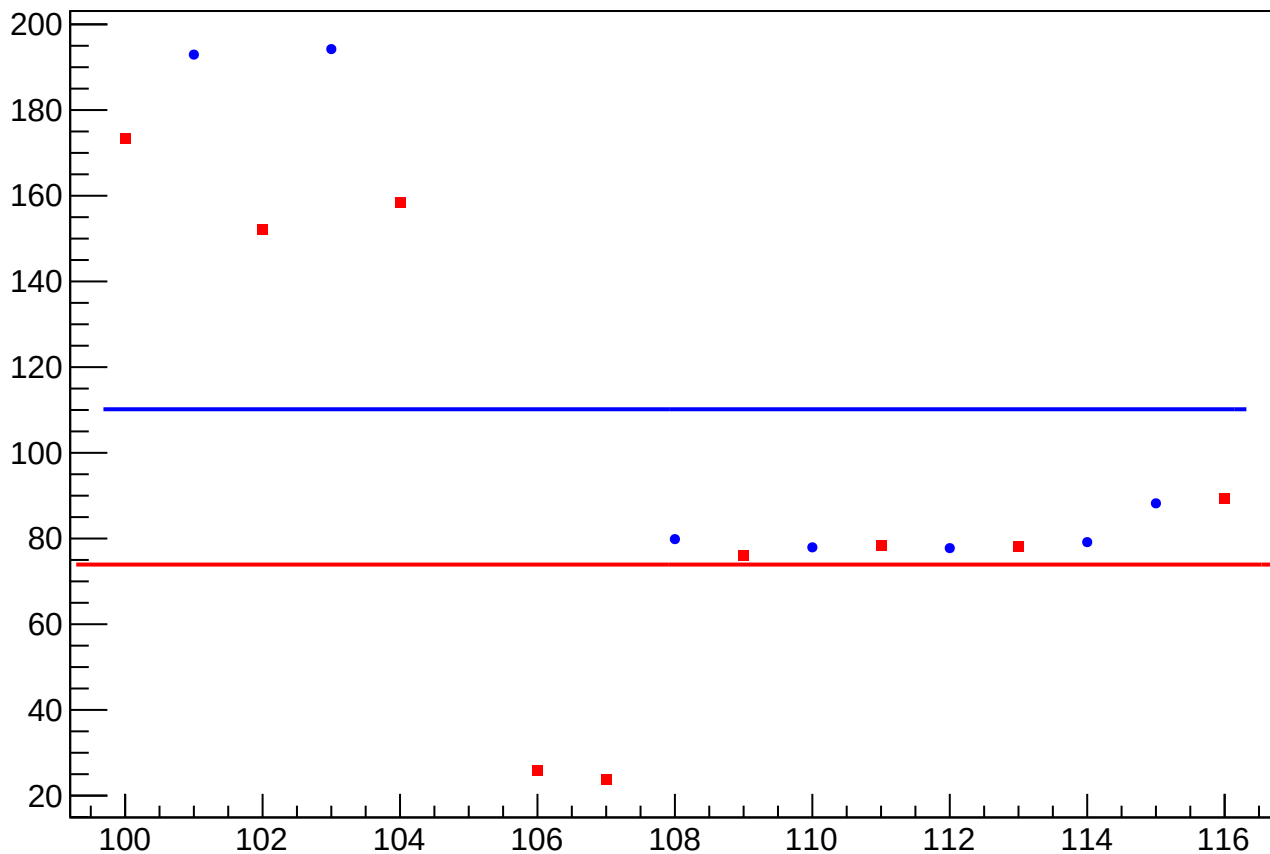
Right: -53.660 ± 1.423 χ^2/NDF : 128.8/15

In: -57.249 ± 2.249 χ^2/NDF : 52.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.660 ± 1.423 χ^2/NDF : 128.8/15

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.168+/-0.122 χ^2/NDF : 173107.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.925+/-0.091 χ^2/NDF : 274358.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

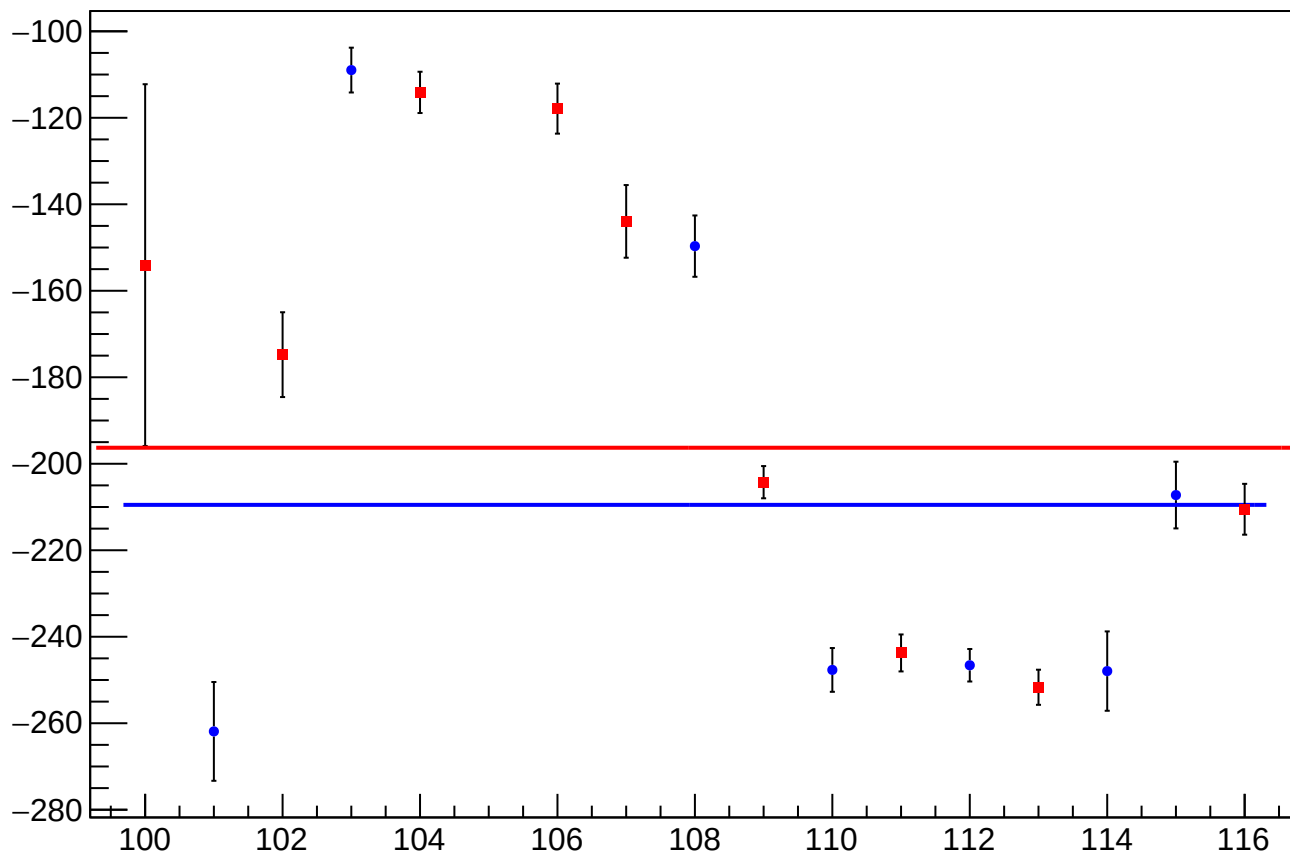
Right: 86.830+/-0.073 χ^2/NDF : 504190.4/15

In: 110.168+/-0.122 χ^2/NDF : 173107.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.830+/-0.073 χ^2/NDF : 504190.4/15

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -209.505+/-2.218 χ^2/NDF : 640.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -196.295+/-1.781 χ^2/NDF : 844.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

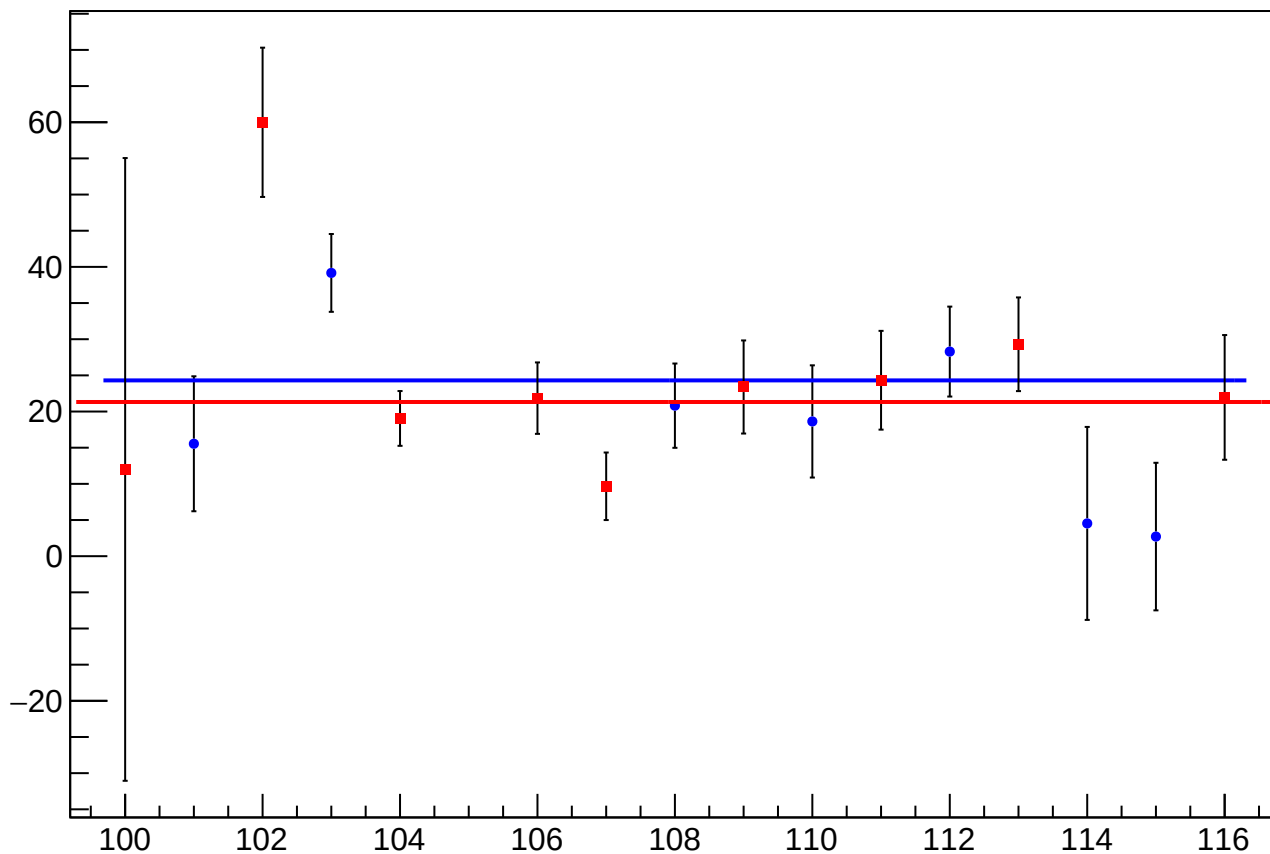
Right: -201.473+/-1.389 χ^2/NDF : 1506.7/15

In: -209.505+/-2.218 χ^2/NDF : 640.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.473+/-1.389 χ^2/NDF : 1506.7/15

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.305 $\pm$ 2.740 χ^2 /NDF: 16.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.320 $\pm$ 2.002 χ^2 /NDF: 22.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

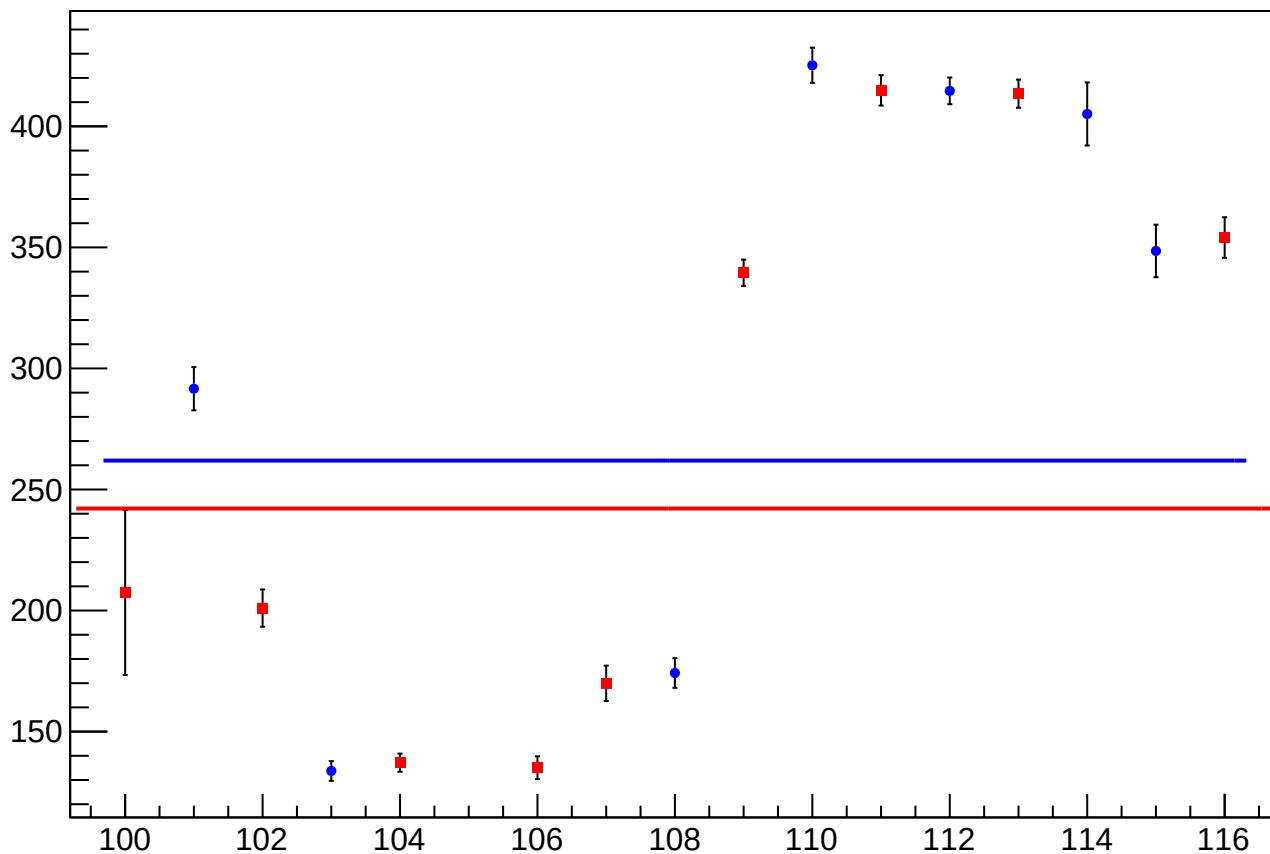
Right: 22.359 $\pm$ 1.617 χ^2 /NDF: 39.8/15

In: 24.305 $\pm$ 2.740 χ^2 /NDF: 16.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.359 $\pm$ 1.617 χ^2 /NDF: 39.8/15

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 261.941+/-2.454 χ^2/NDF : 2671.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.128+/-1.980 χ^2/NDF : 3543.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

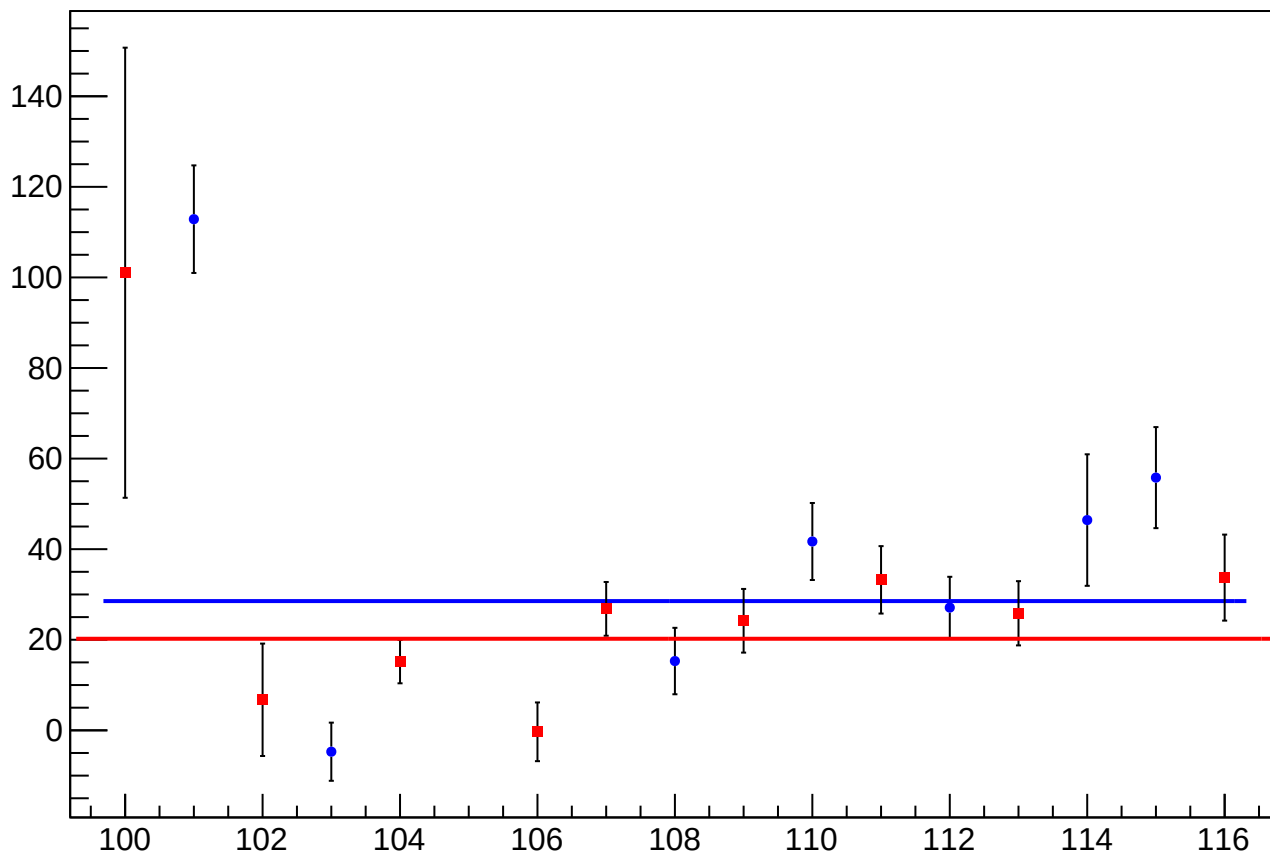
Right: 249.943+/-1.541 χ^2/NDF : 6253.7/15

In: 261.941+/-2.454 χ^2/NDF : 2671.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.943+/-1.541 χ^2/NDF : 6253.7/15

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.538 $\pm$ 3.191 χ^2 /NDF: 90.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.219 $\pm$ 2.411 χ^2 /NDF: 22.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

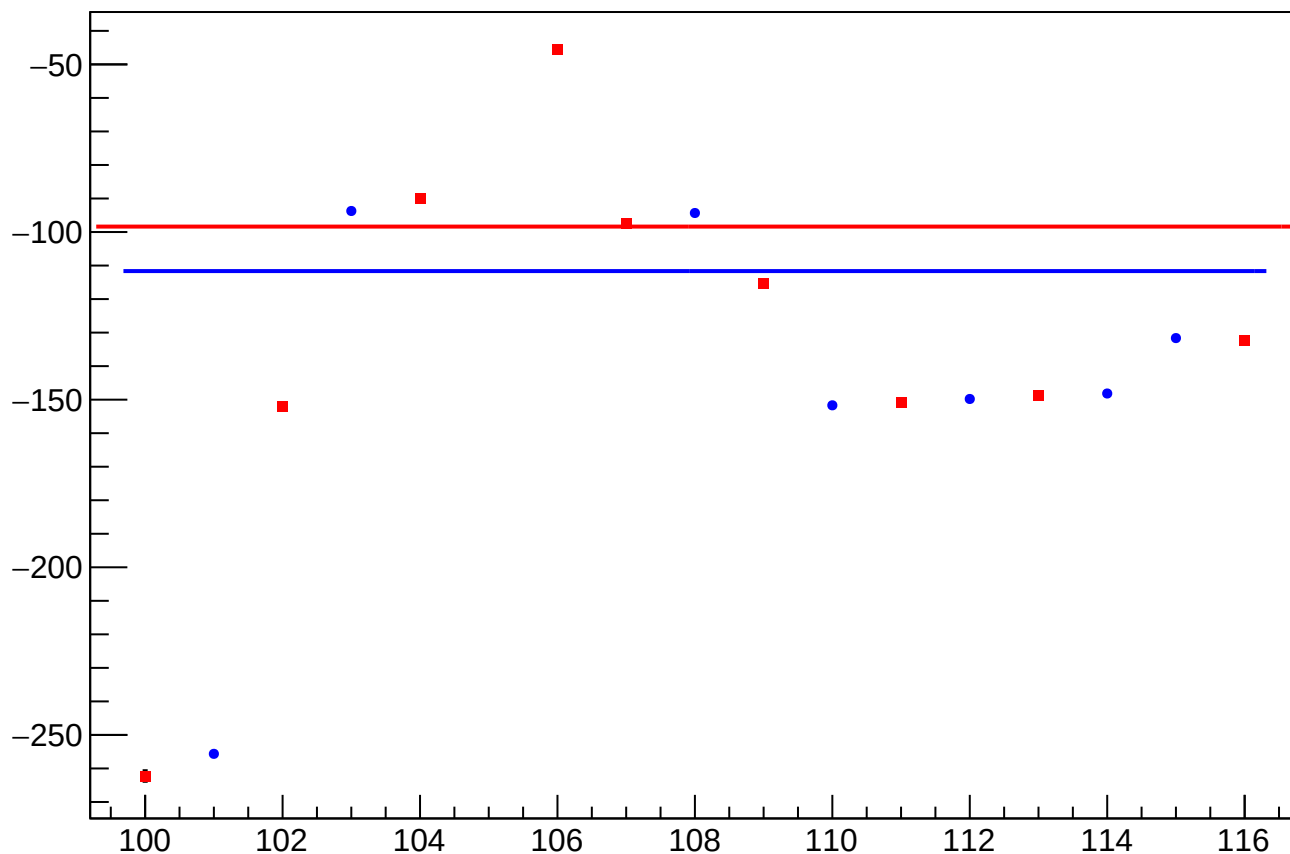
Right: 23.243 $\pm$ 1.924 χ^2 /NDF: 117.0/15

In: 28.538 $\pm$ 3.191 χ^2 /NDF:90.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.243 $\pm$ 1.924 χ^2 /NDF: 117.0/15

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.647+/-0.124 χ^2/NDF : 103576.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.376+/-0.106 χ^2/NDF : 118036.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

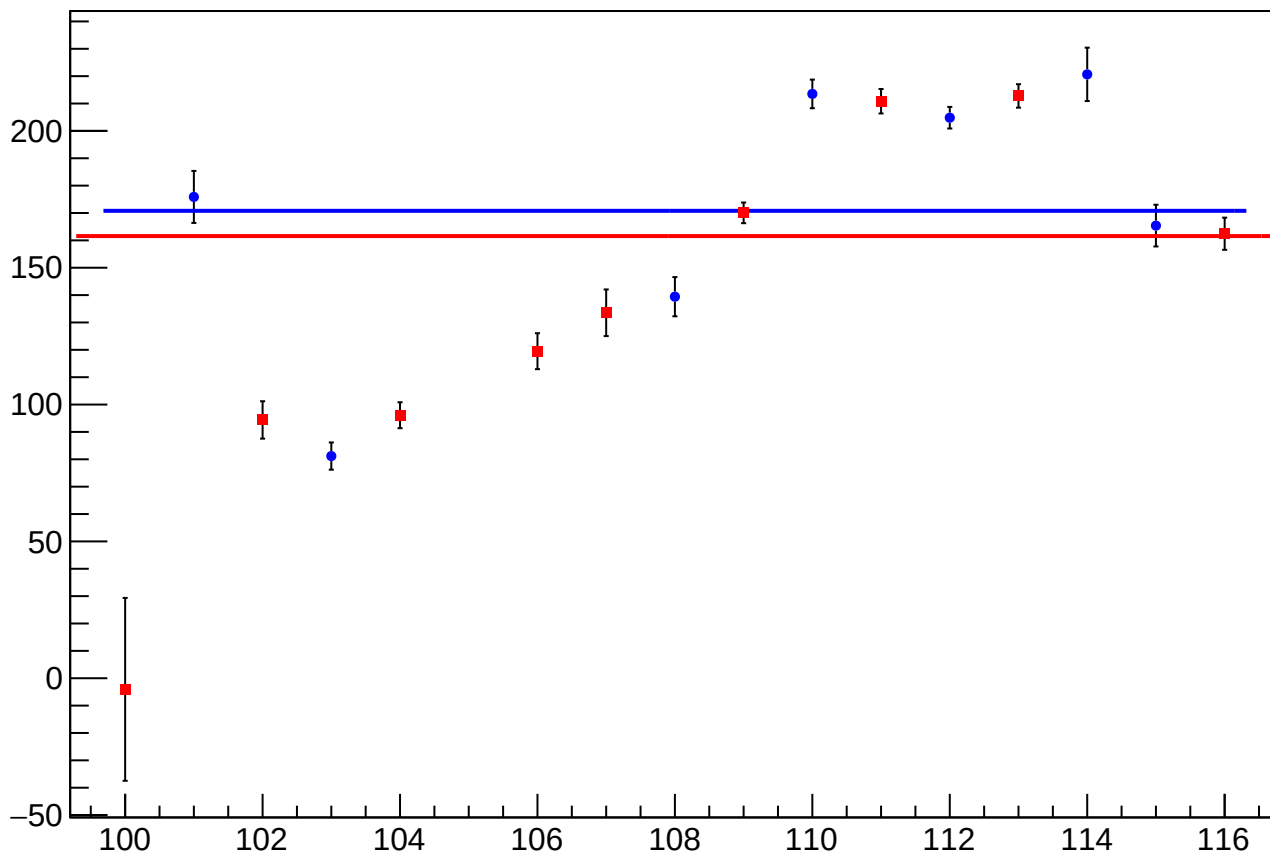
Right: -103.961+/-0.081 χ^2/NDF : 228195.1/15

In: -111.647+/-0.124 χ^2/NDF : 103576.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.961+/-0.081 χ^2/NDF : 228195.1/15

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.794+/-2.239 χ^2/NDF : 512.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.569+/-1.804 χ^2/NDF : 633.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

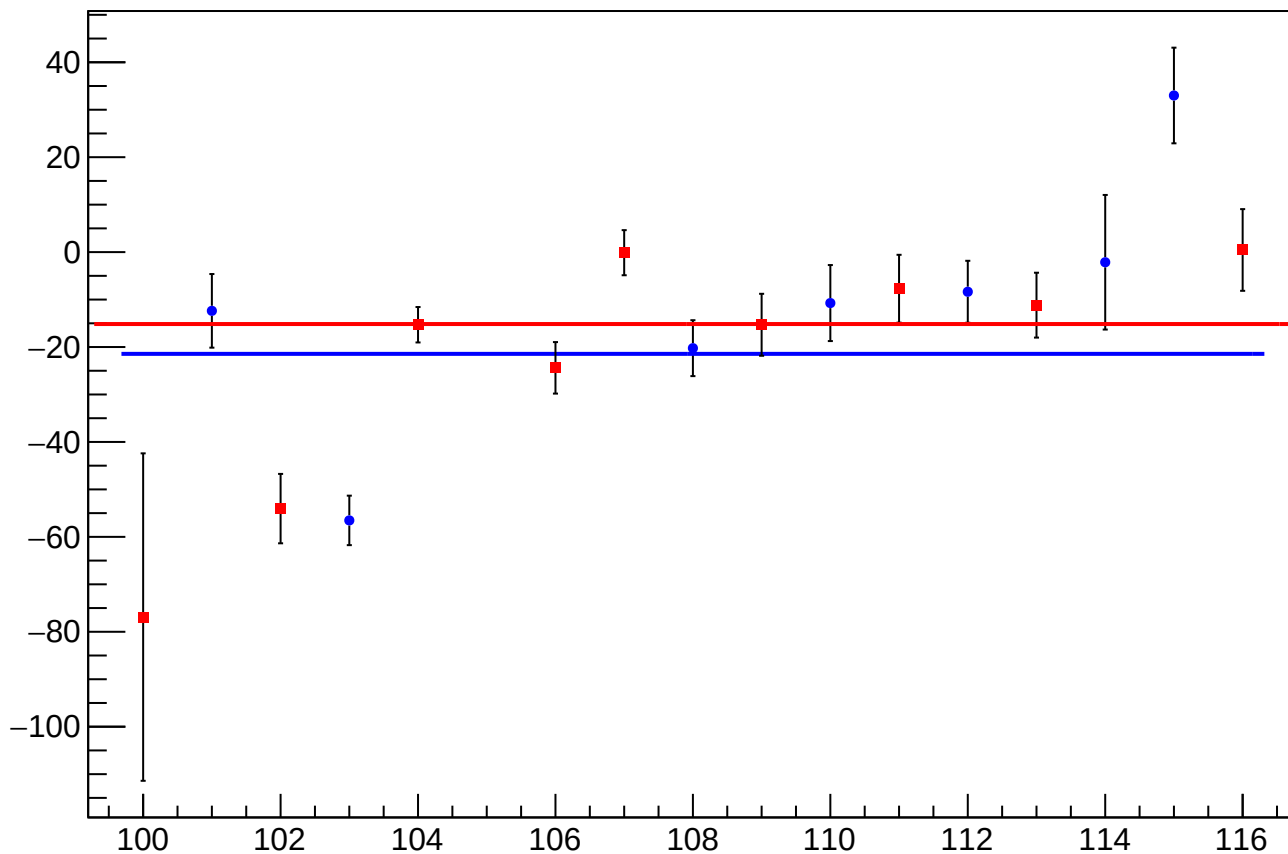
Right: 165.200+/-1.404 χ^2/NDF : 1155.7/15

In: 170.794+/-2.239 χ^2/NDF : 512.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.200+/-1.404 χ^2/NDF : 1155.7/15

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -21.439+/-2.710 χ^2/NDF : 83.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.156+/-2.010 χ^2/NDF : 49.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

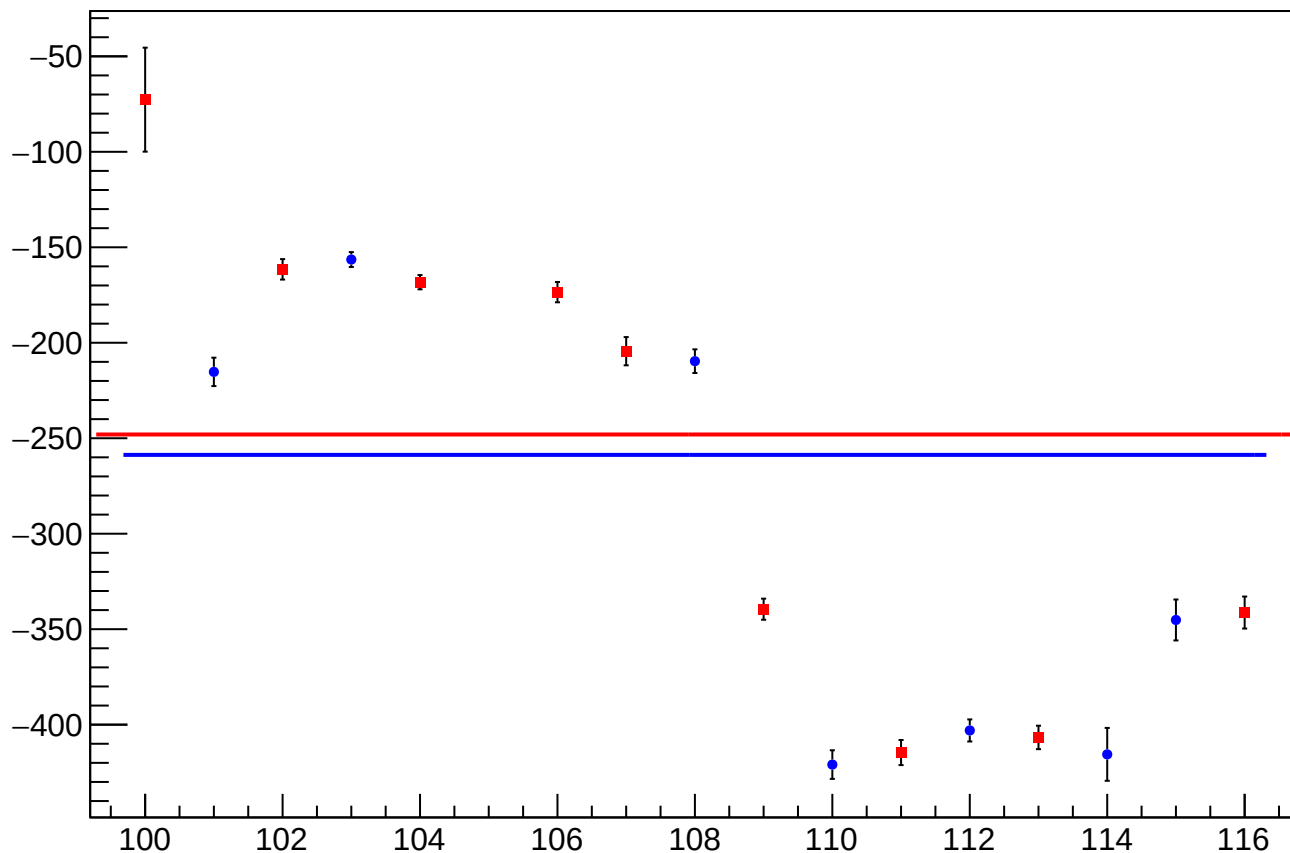
Right: -17.385+/-1.614 χ^2/NDF : 136.1/15

In: -21.439+/-2.710 χ^2/NDF : 83.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.385+/-1.614 χ^2/NDF : 136.1/15

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -258.719+/-2.414 χ^2/NDF : 2070.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.038+/-1.968 χ^2/NDF : 2696.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

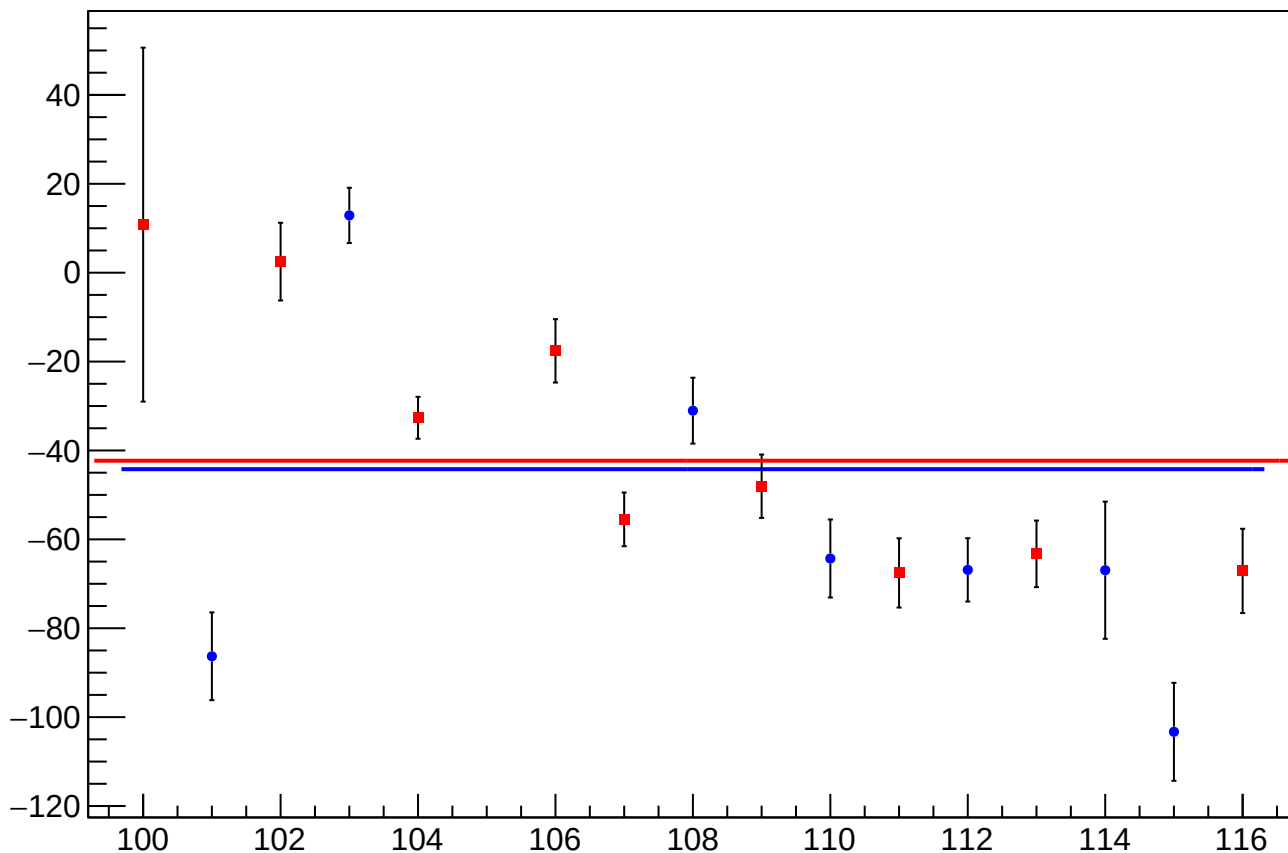
Right: -252.303+/-1.526 χ^2/NDF : 4778.7/15

In: -258.719+/-2.414 χ^2/NDF : 2070.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.303+/-1.526 χ^2/NDF : 4778.7/15

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -44.213 $\pm$ 3.171 χ^2 /NDF: 152.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.302 $\pm$ 2.419 χ^2 /NDF: 74.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

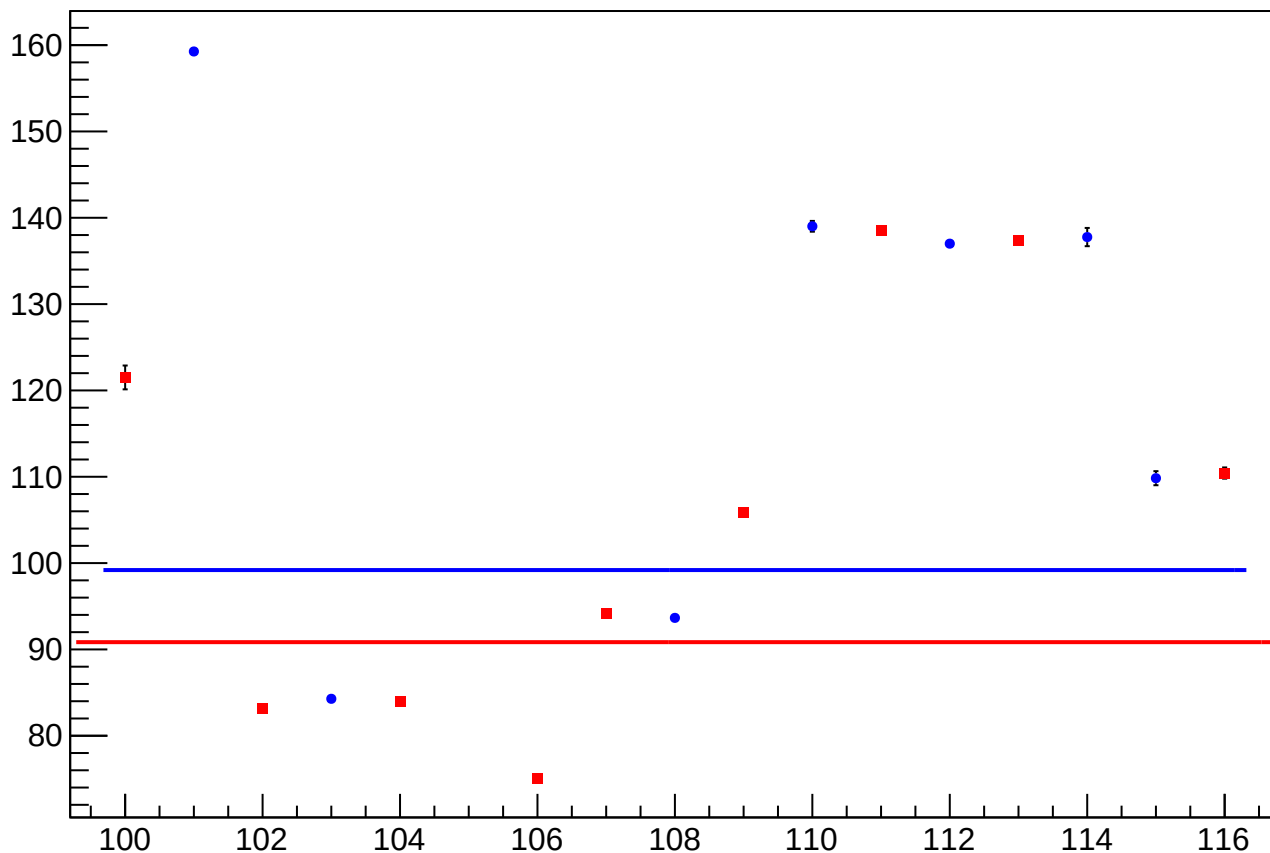
Right: -43.005 $\pm$ 1.923 χ^2 /NDF: 227.2/15

In: -44.213 $\pm$ 3.171 χ^2 /NDF:152.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.005 $\pm$ 1.923 χ^2 /NDF: 227.2/15

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.193+/-0.121 χ^2/NDF : 39993.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.842+/-0.102 χ^2/NDF : 28017.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

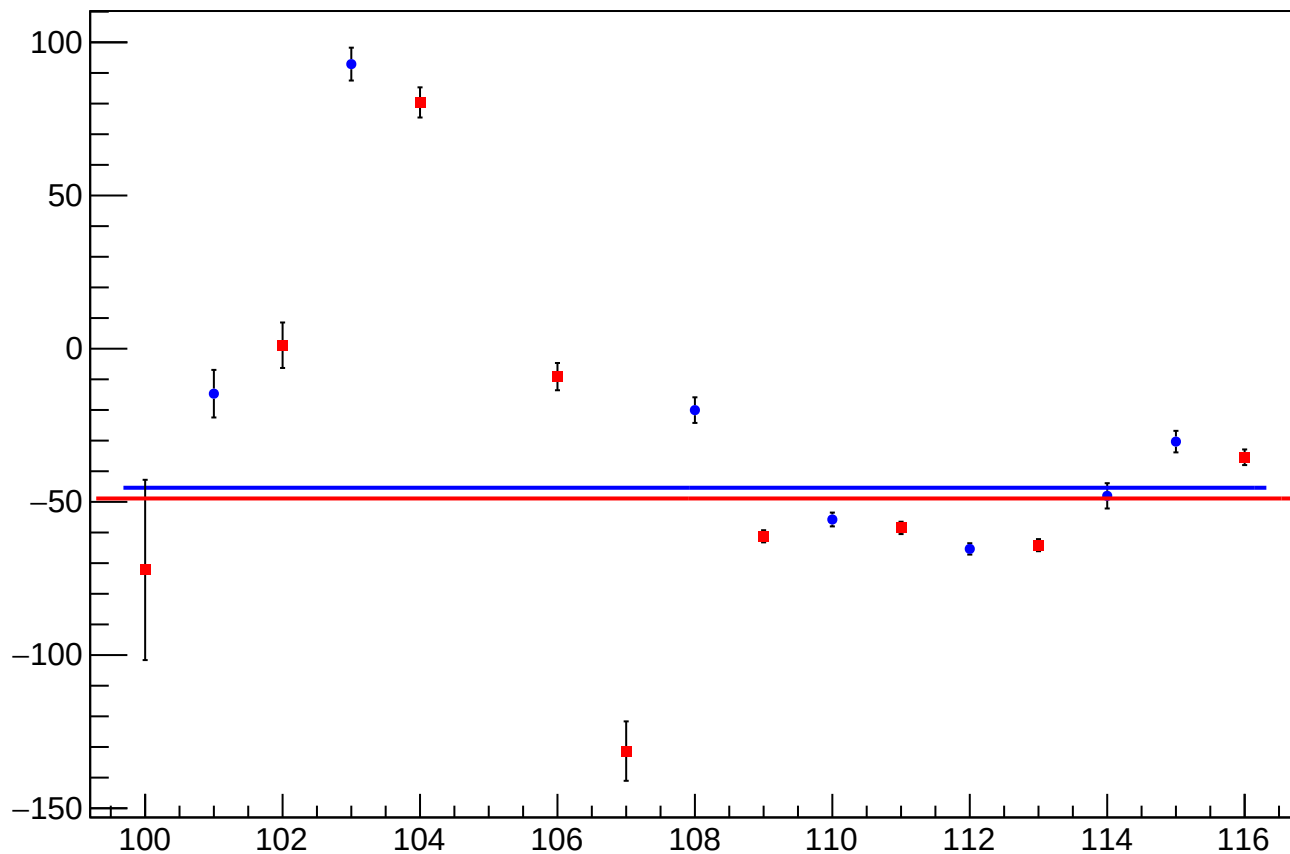
Right: 94.326+/-0.078 χ^2/NDF : 70781.8/15

In: 99.193+/-0.121 χ^2/NDF : 39993.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.326+/-0.078 χ^2/NDF : 70781.8/15

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.388 $\pm$ 1.167 χ^2 /NDF: 872.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.888 $\pm$ 0.984 χ^2 /NDF: 1036.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

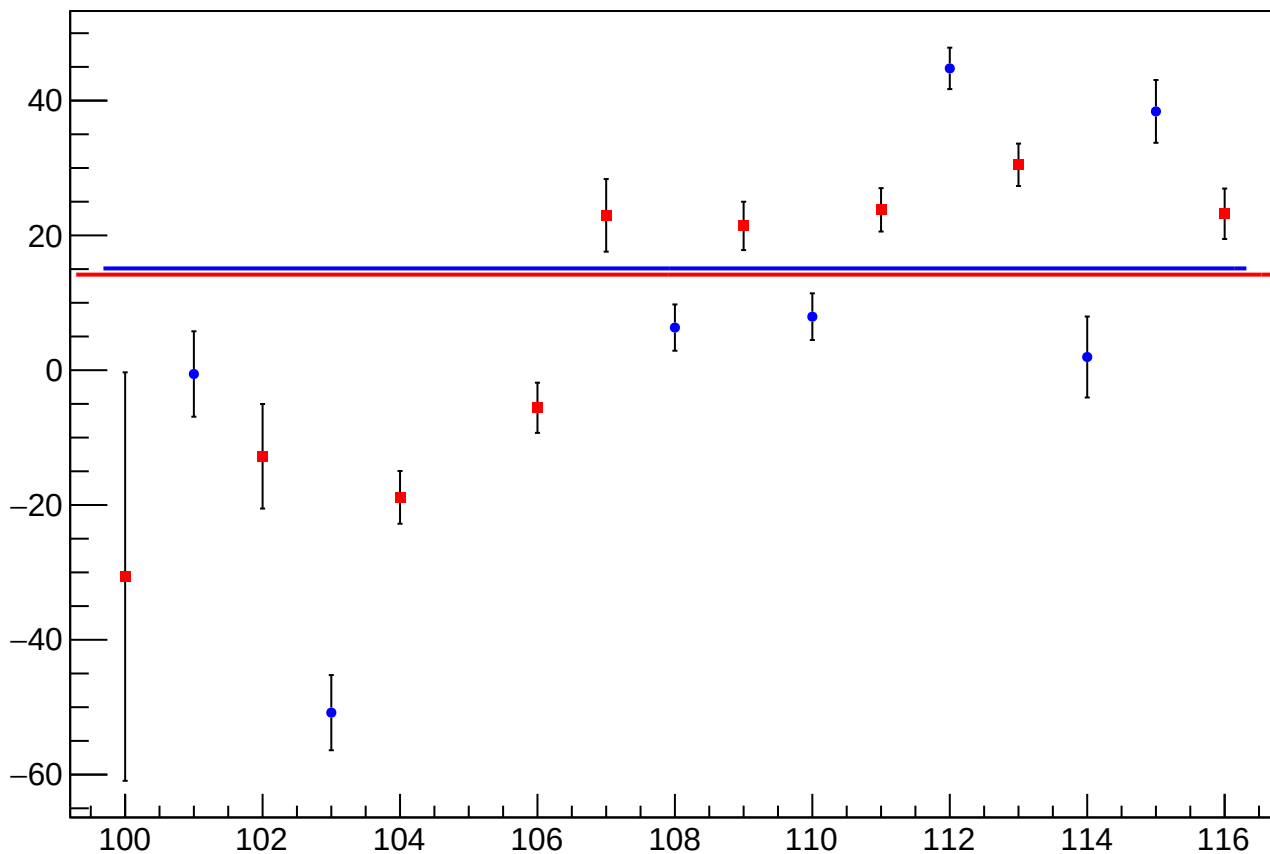
Right: -47.433 $\pm$ 0.752 χ^2 /NDF: 1913.8/15

In: -45.388 $\pm$ 1.167 χ^2 /NDF:872.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.433 $\pm$ 0.752 χ^2 /NDF: 1913.8/15

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.100+/-1.572 χ^2/NDF : 279.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.181+/-1.366 χ^2/NDF : 162.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

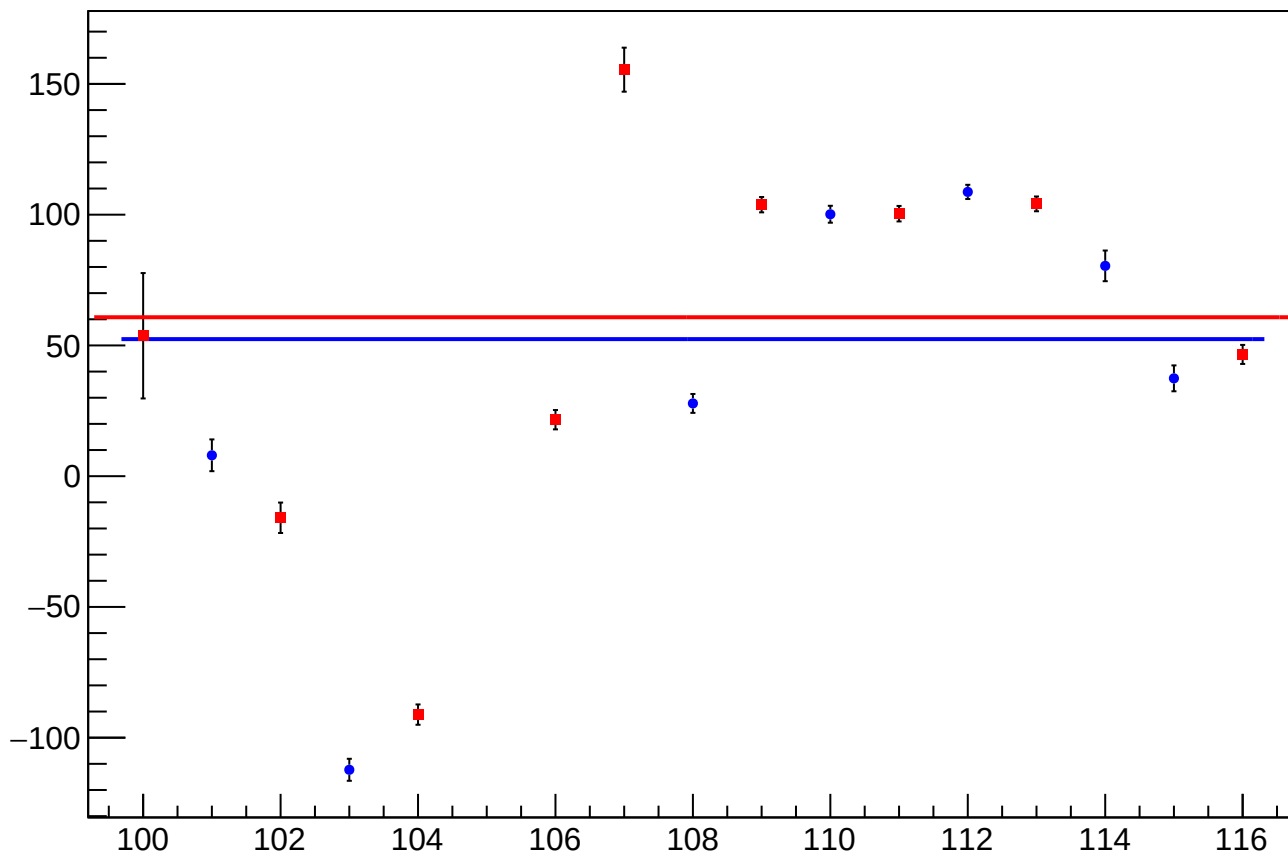
Right: 14.576+/-1.031 χ^2/NDF : 441.8/15

In: 15.100+/-1.572 χ^2/NDF : 279.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.576+/-1.031 χ^2/NDF : 441.8/15

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.412 $\pm$ 1.473 χ^2 /NDF: 2310.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.776 $\pm$ 1.274 χ^2 /NDF: 2587.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

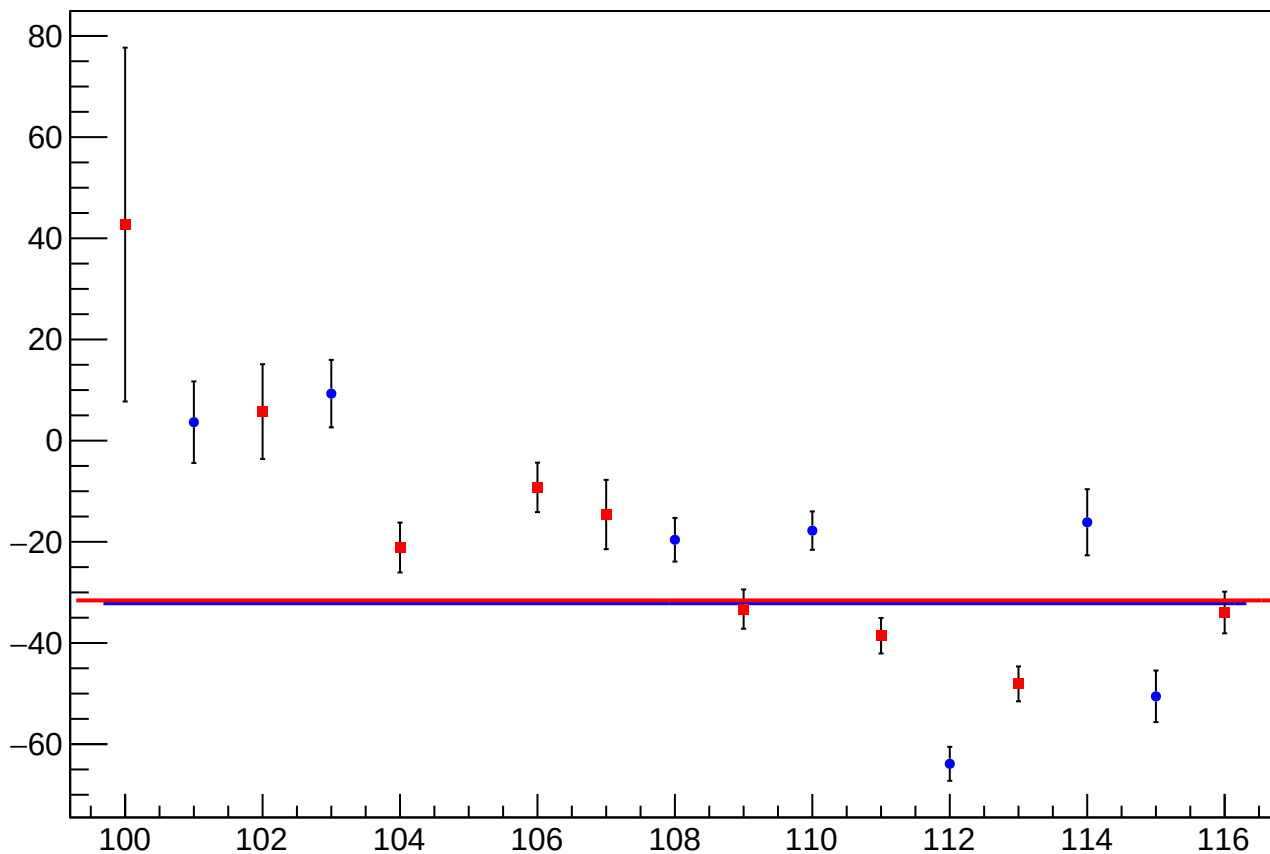
Right: 57.195 $\pm$ 0.964 χ^2 /NDF: 4917.1/15

In: 52.412 $\pm$ 1.473 χ^2 /NDF:2310.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.195 $\pm$ 0.964 χ^2 /NDF: 4917.1/15

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.138+/-1.791 χ^2/NDF : 189.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.586+/-1.568 χ^2/NDF : 79.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

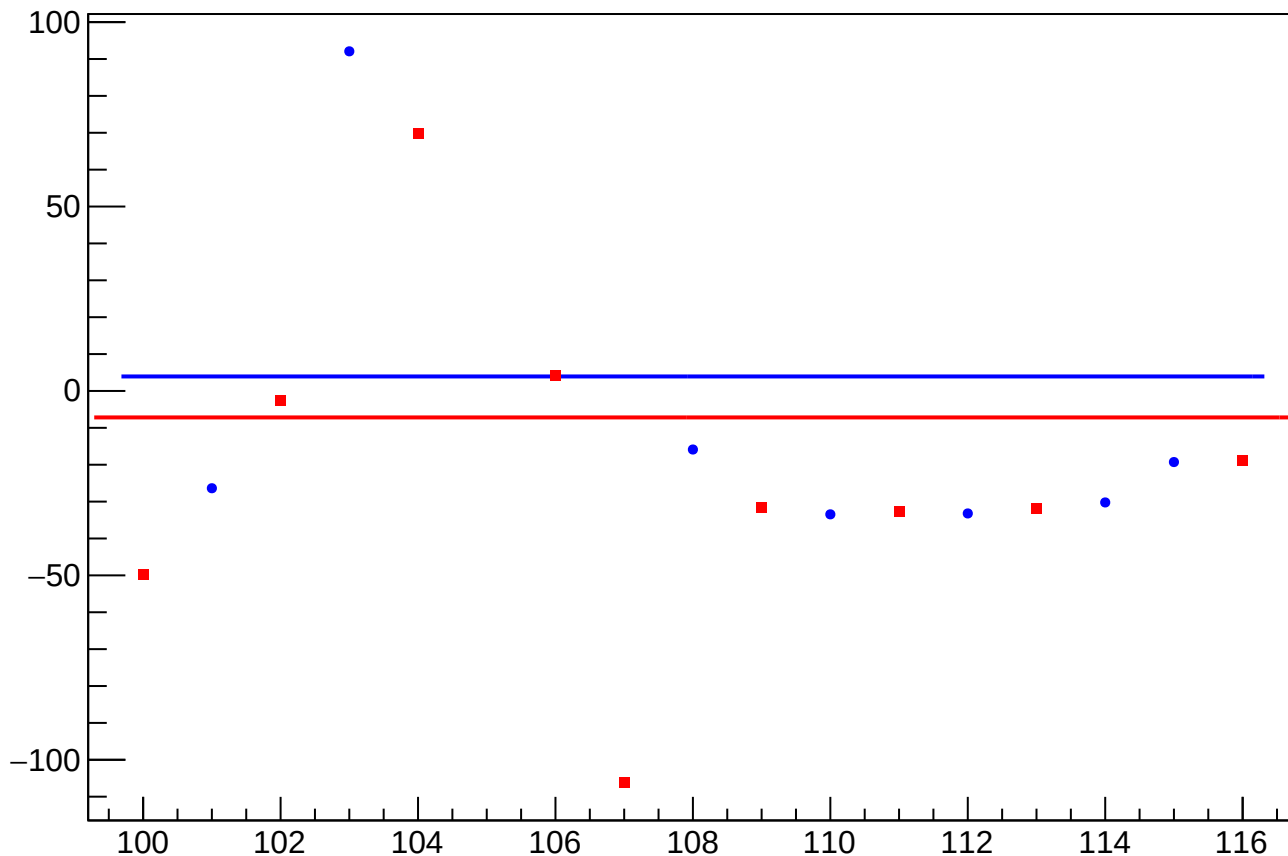
Right: -31.825+/-1.180 χ^2/NDF : 268.9/15

In: -32.138+/-1.791 χ^2/NDF : 189.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.825+/-1.180 χ^2/NDF : 268.9/15

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.932+/-0.086 χ^2/NDF : 334182.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.176+/-0.078 χ^2/NDF : 300020.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

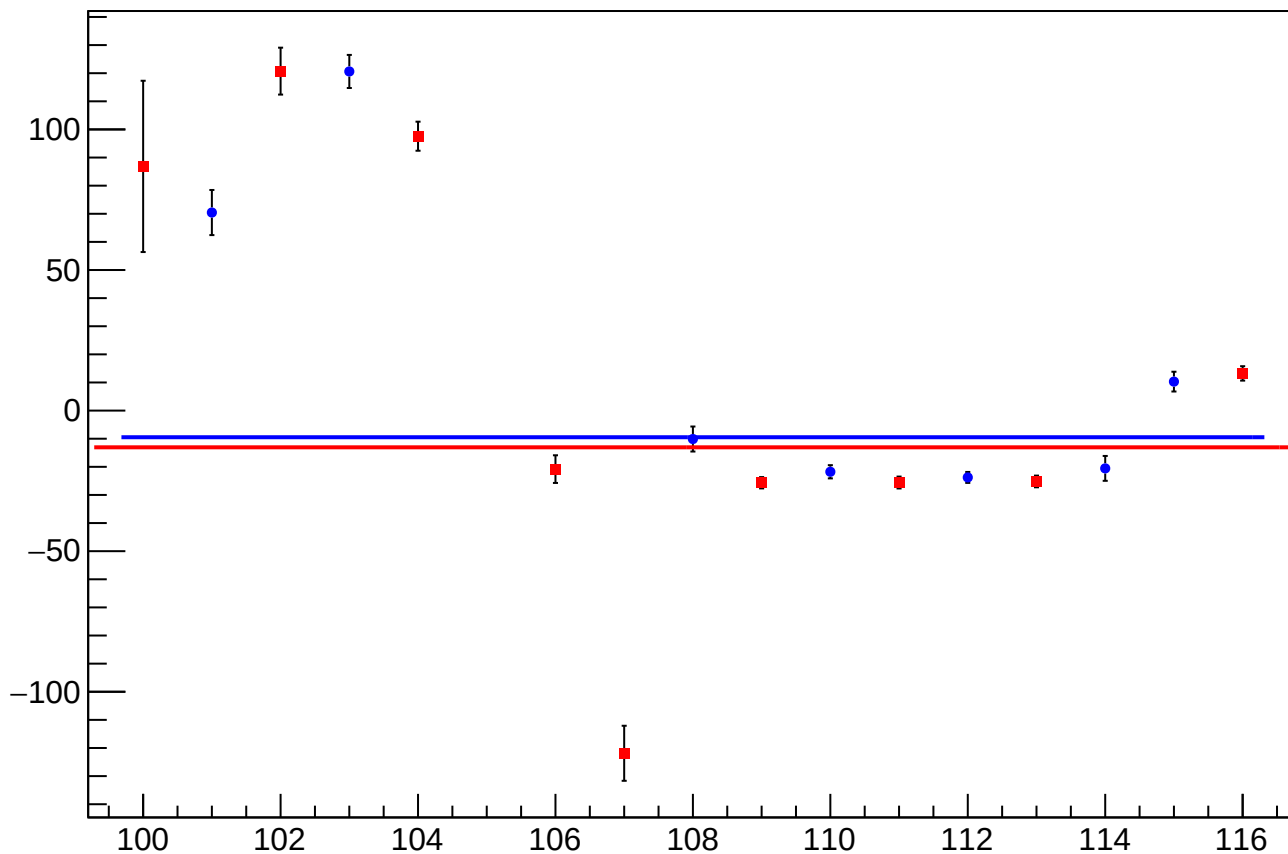
Right: -2.180+/-0.058 χ^2/NDF : 643318.5/15

In: 3.932+/-0.086 χ^2/NDF : 334182.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.180+/-0.058 χ^2/NDF : 643318.5/15

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.475+/-1.219 χ^2/NDF : 707.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.061+/-1.021 χ^2/NDF : 1066.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

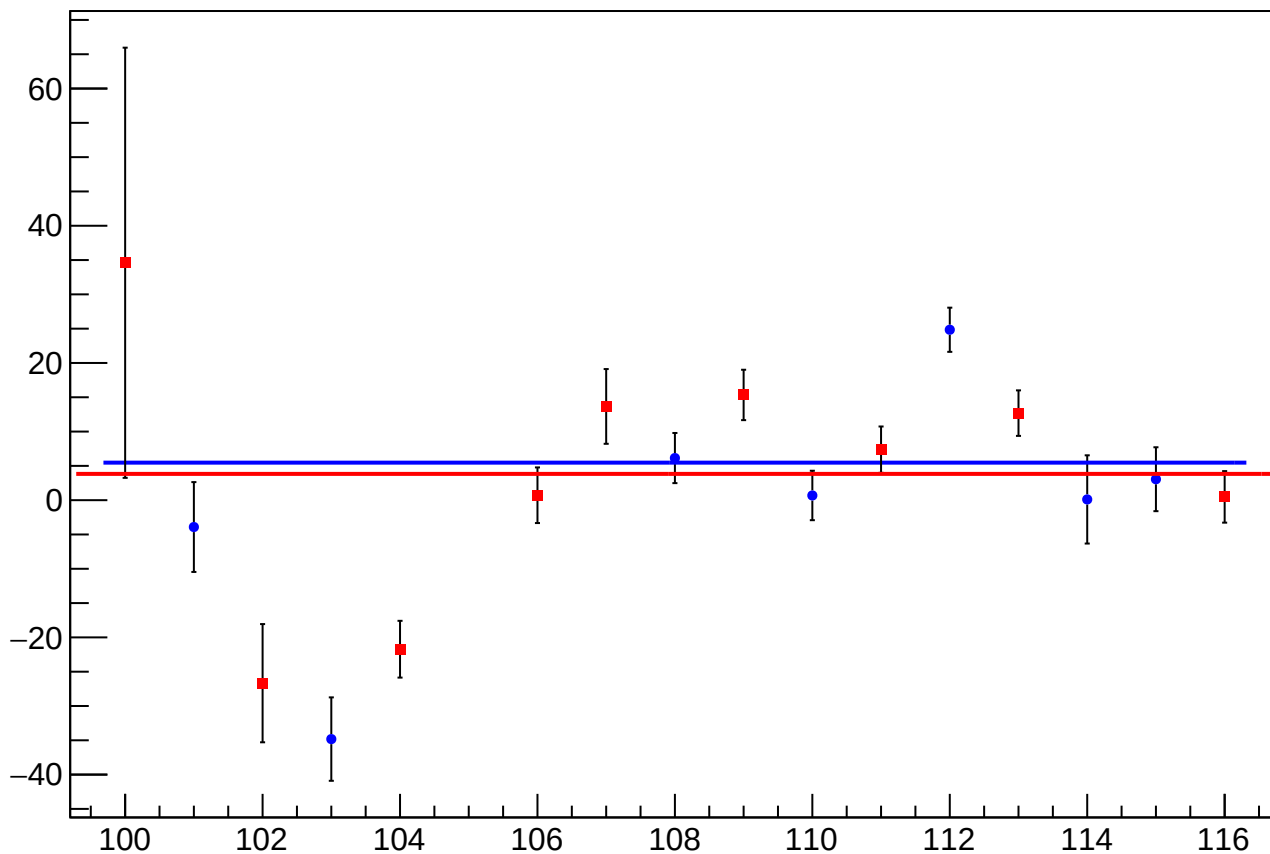
Right: -11.583+/-0.783 χ^2/NDF : 1779.0/15

In: -9.475+/-1.219 χ^2/NDF : 707.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.583+/-0.783 χ^2/NDF : 1779.0/15

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.471+/-1.646 χ^2/NDF : 84.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.831+/-1.427 χ^2/NDF : 74.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

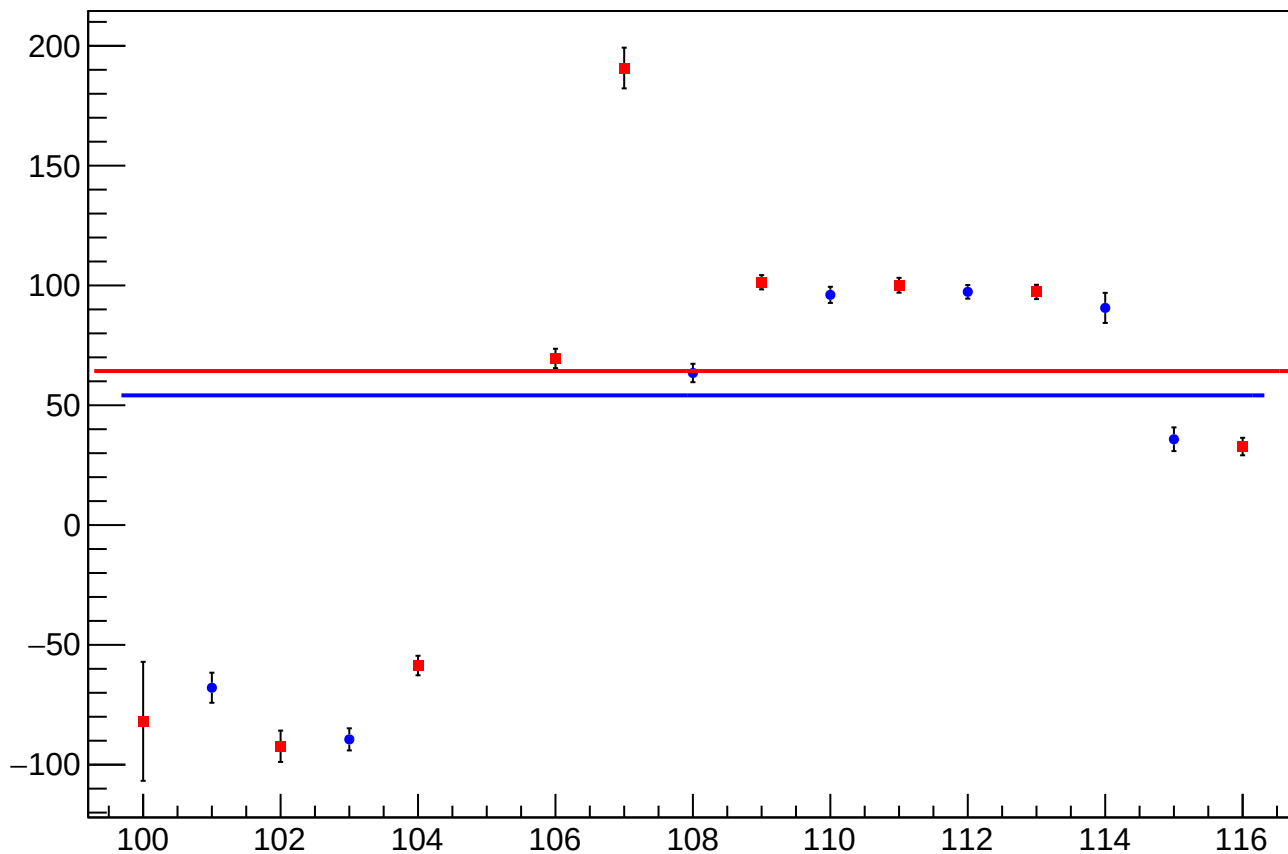
Right: 4.535+/-1.078 χ^2/NDF : 159.8/15

In: 5.471+/-1.646 χ^2/NDF : 84.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.535+/-1.078 χ^2/NDF : 159.8/15

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.129+/-1.547 χ^2/NDF : 1785.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.290+/-1.332 χ^2/NDF : 2224.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

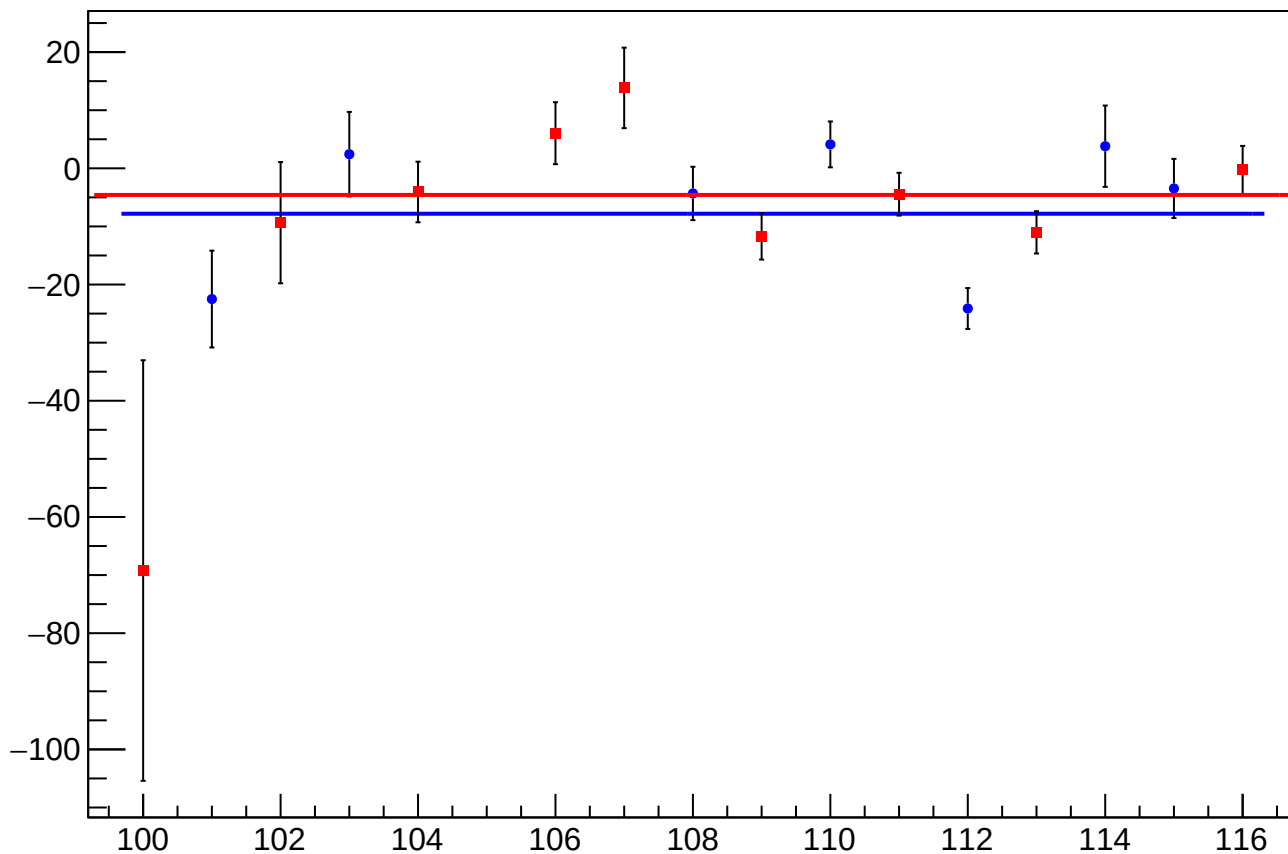
Right: 59.963+/-1.009 χ^2/NDF : 4034.5/15

In: 54.129+/-1.547 χ^2/NDF : 1785.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.963+/-1.009 χ^2/NDF : 4034.5/15

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.816+/-1.874 χ^2 /NDF: 39.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.578+/-1.634 χ^2 /NDF: 21.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

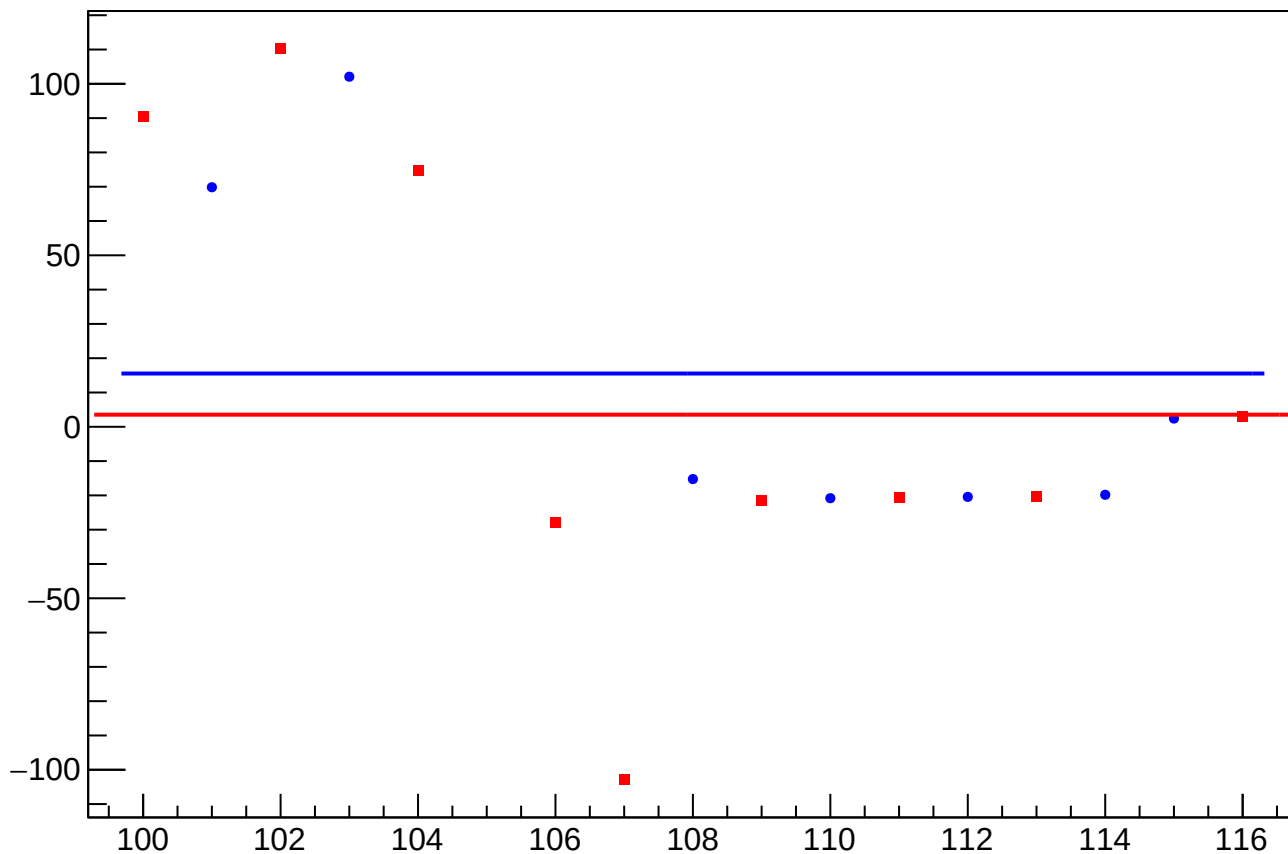
Right: -5.977+/-1.232 χ^2 /NDF: 63.4/15

In: -7.816+/-1.874 χ^2 /NDF:39.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.977+/-1.232 χ^2 /NDF: 63.4/15

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.535+/-0.092 χ^2/NDF : 308841.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.533+/-0.083 χ^2/NDF : 434078.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

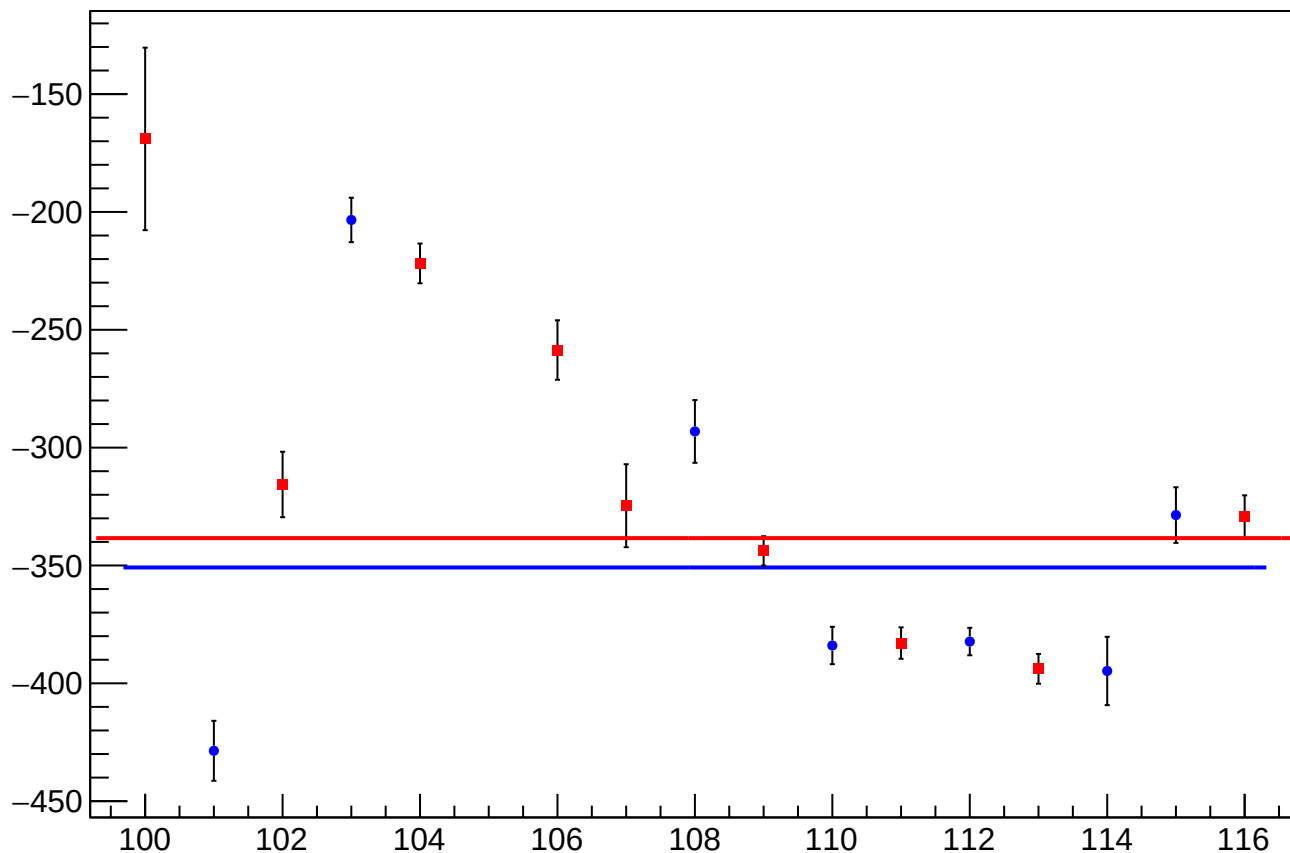
Right: 8.913+/-0.061 χ^2/NDF : 752384.2/15

In: 15.535+/-0.092 χ^2/NDF : 308841.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.913+/-0.061 χ^2/NDF : 752384.2/15

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -350.844+/-3.527 χ^2/NDF : 360.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -338.399+/-2.950 χ^2/NDF : 377.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

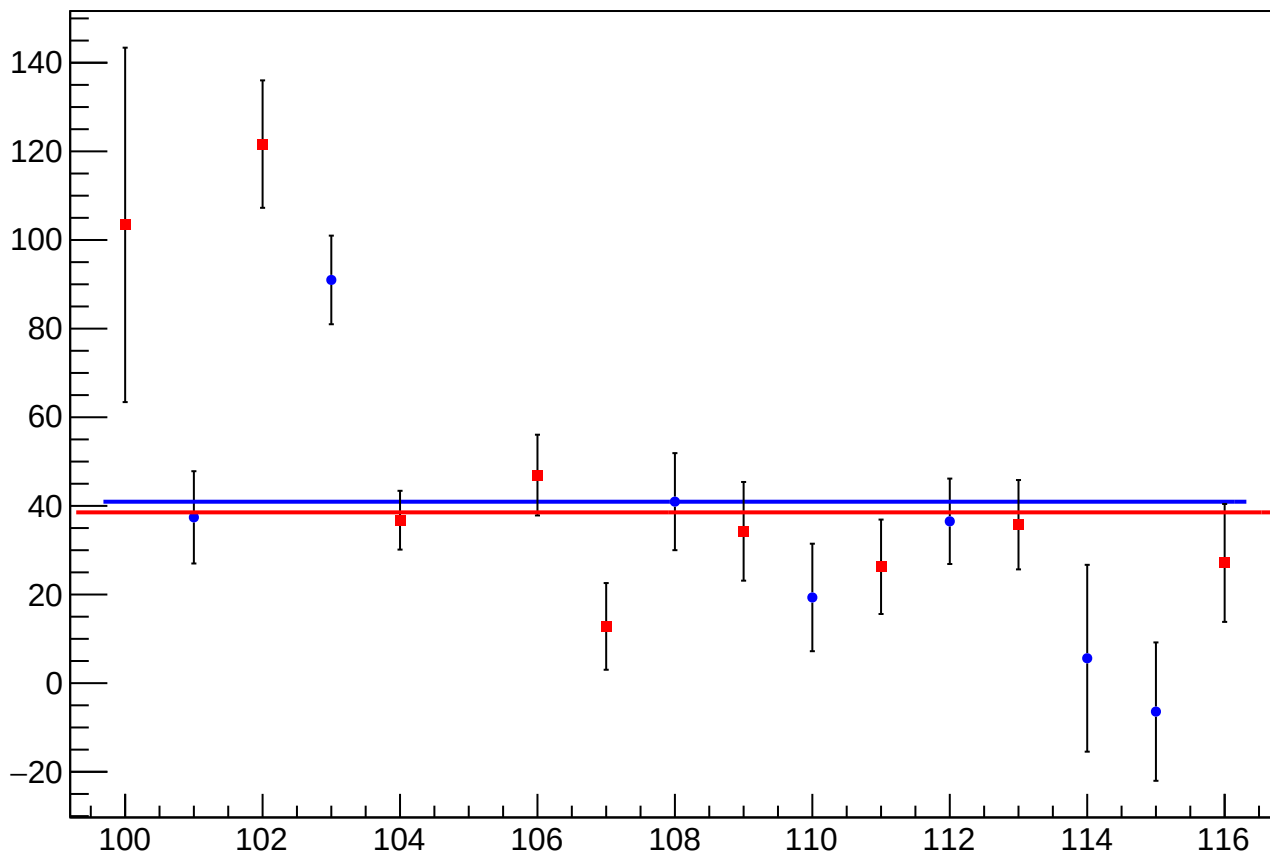
Right: -343.523+/-2.263 χ^2/NDF : 744.5/15

In: -350.844+/-3.527 χ^2/NDF : 360.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.523+/-2.263 χ^2/NDF : 744.5/15

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 40.943+/-4.407 χ^2/NDF : 40.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.541+/-3.470 χ^2/NDF : 46.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

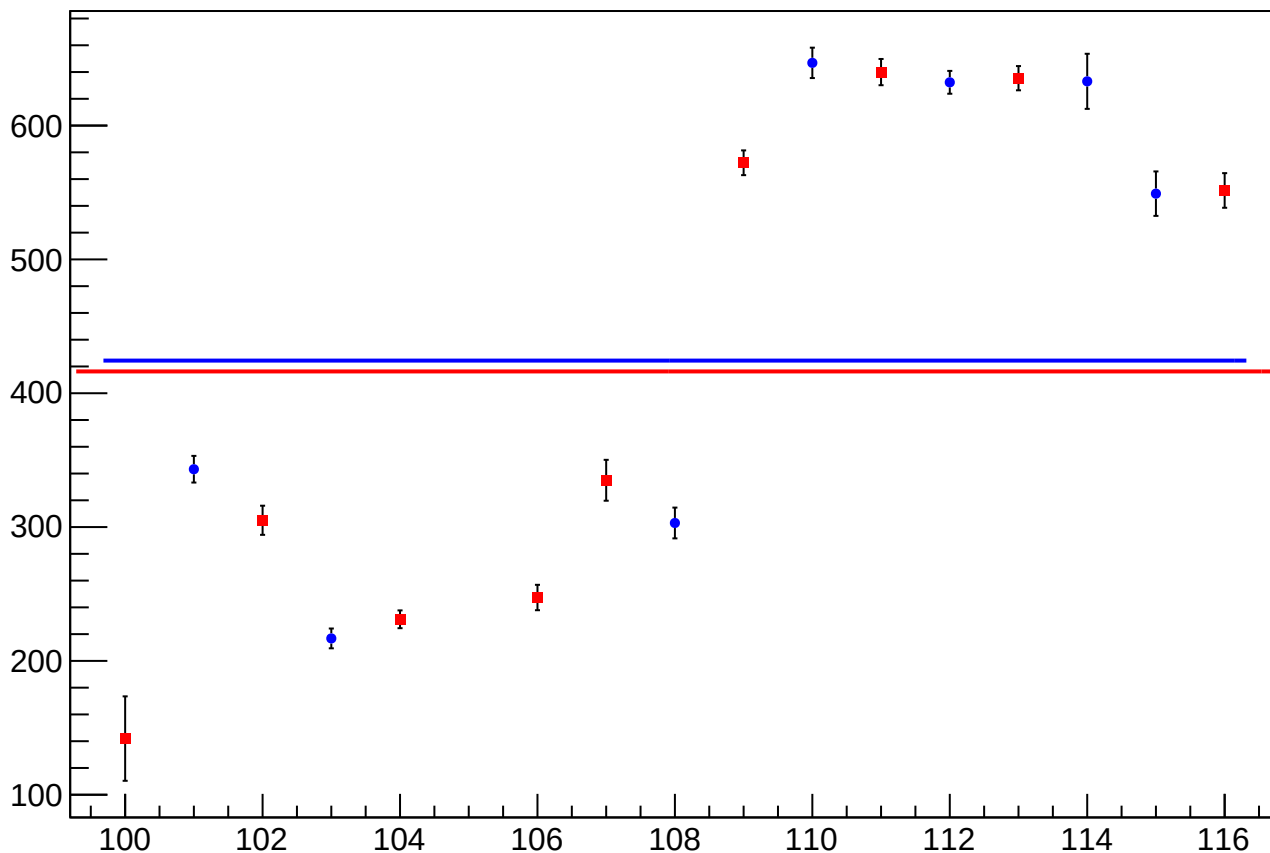
Right: 39.460+/-2.726 χ^2/NDF : 86.9/15

In: 40.943+/-4.407 χ^2/NDF : 40.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.460+/-2.726 χ^2/NDF : 86.9/15

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 424.392 $\pm$ 3.972 χ^2 /NDF: 2102.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 416.292 $\pm$ 3.376 χ^2 /NDF: 2801.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

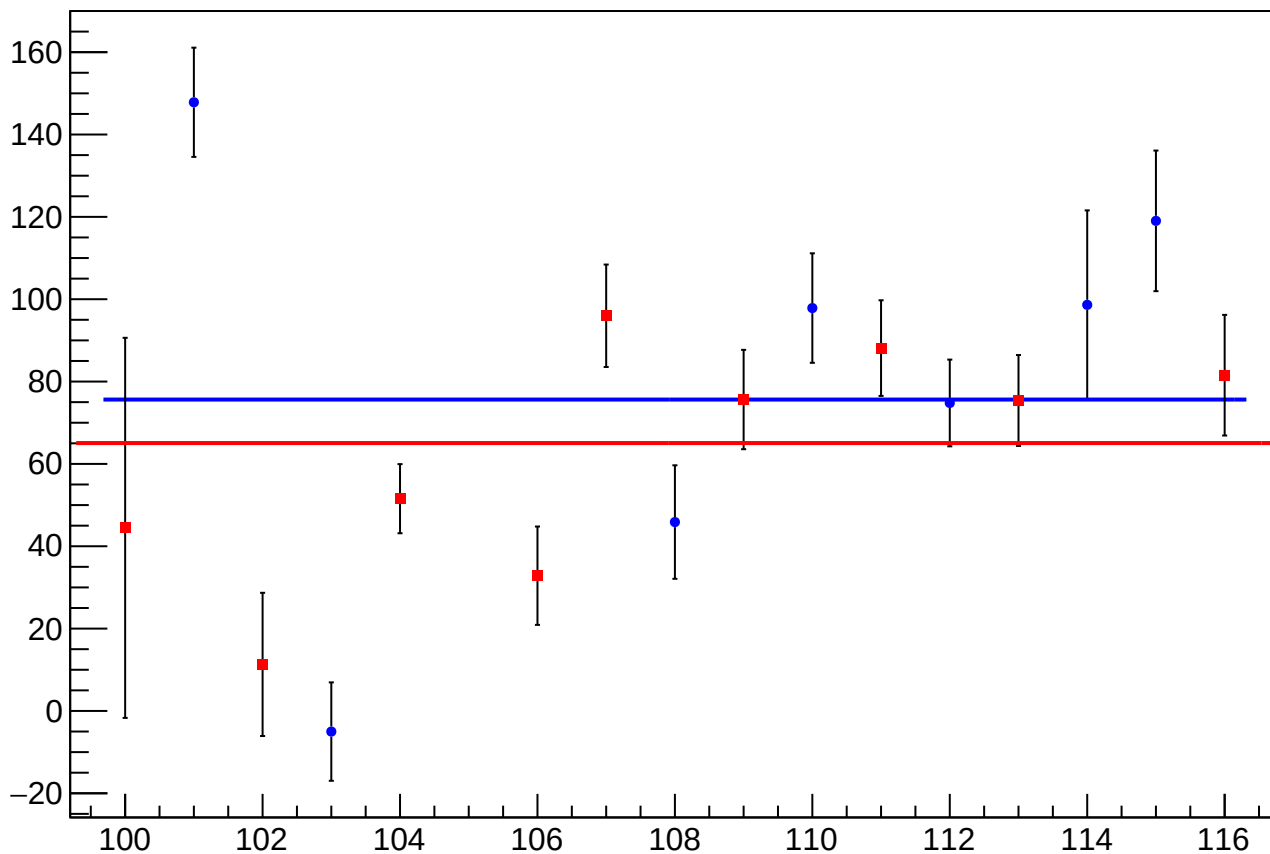
Right: 419.689 $\pm$ 2.572 χ^2 /NDF: 4906.6/15

In: 424.392 $\pm$ 3.972 χ^2 /NDF:2102.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 419.689 $\pm$ 2.572 χ^2 /NDF: 4906.6/15

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 75.628+/-5.133 χ^2/NDF : 90.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.066+/-4.131 χ^2/NDF : 32.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

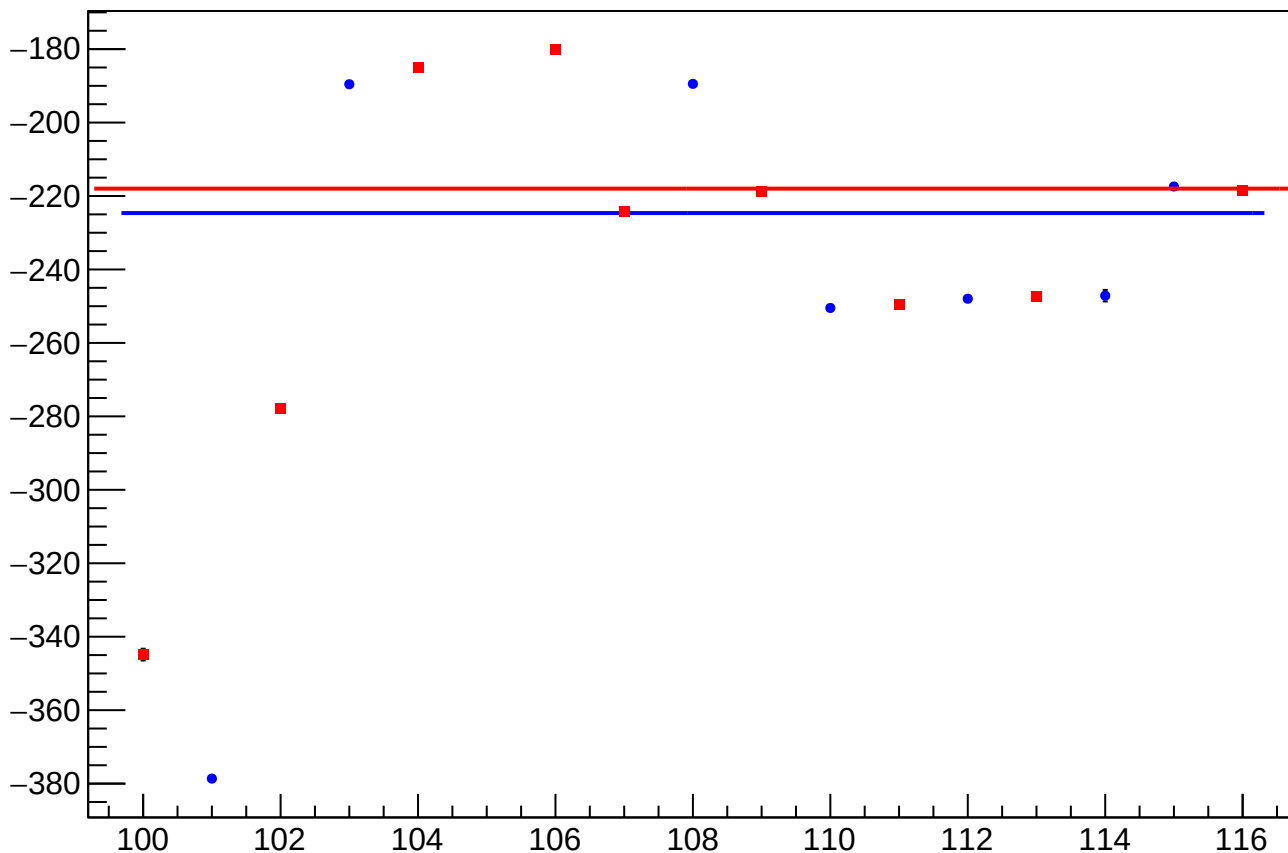
Right: 69.219+/-3.218 χ^2/NDF : 125.3/15

In: 75.628+/-5.133 χ^2/NDF : 90.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.219+/-3.218 χ^2/NDF : 125.3/15

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.644 $\pm$ 0.213 χ^2 /NDF: 87599.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -217.984 $\pm$ 0.189 χ^2 /NDF: 41675.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

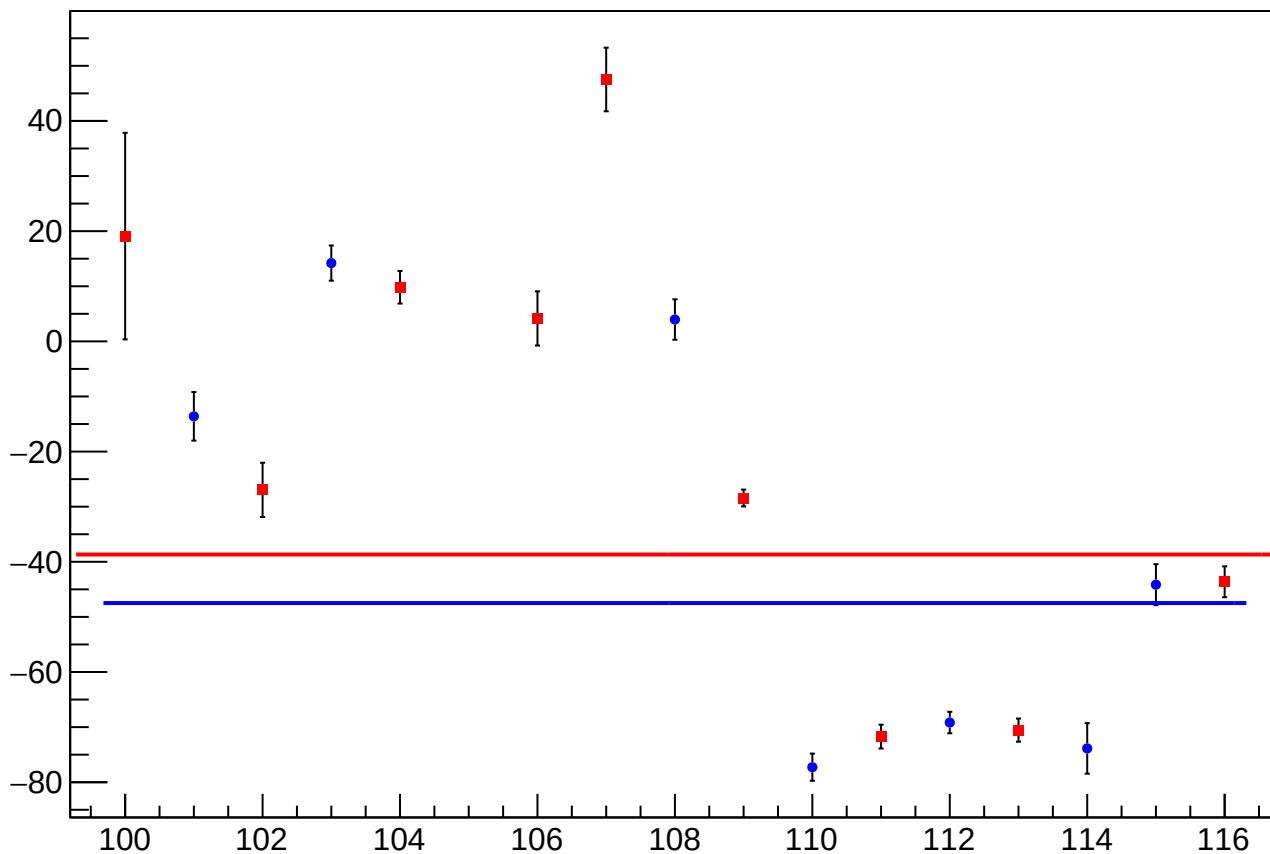
Right: -220.926 $\pm$ 0.141 χ^2 /NDF: 129822.2/15

In: -224.644 $\pm$ 0.213 χ^2 /NDF:87599.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -220.926 $\pm$ 0.141 χ^2 /NDF: 129822.2/15

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.484+/-1.138 χ^2/NDF : 932.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.675+/-0.903 χ^2/NDF : 1094.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

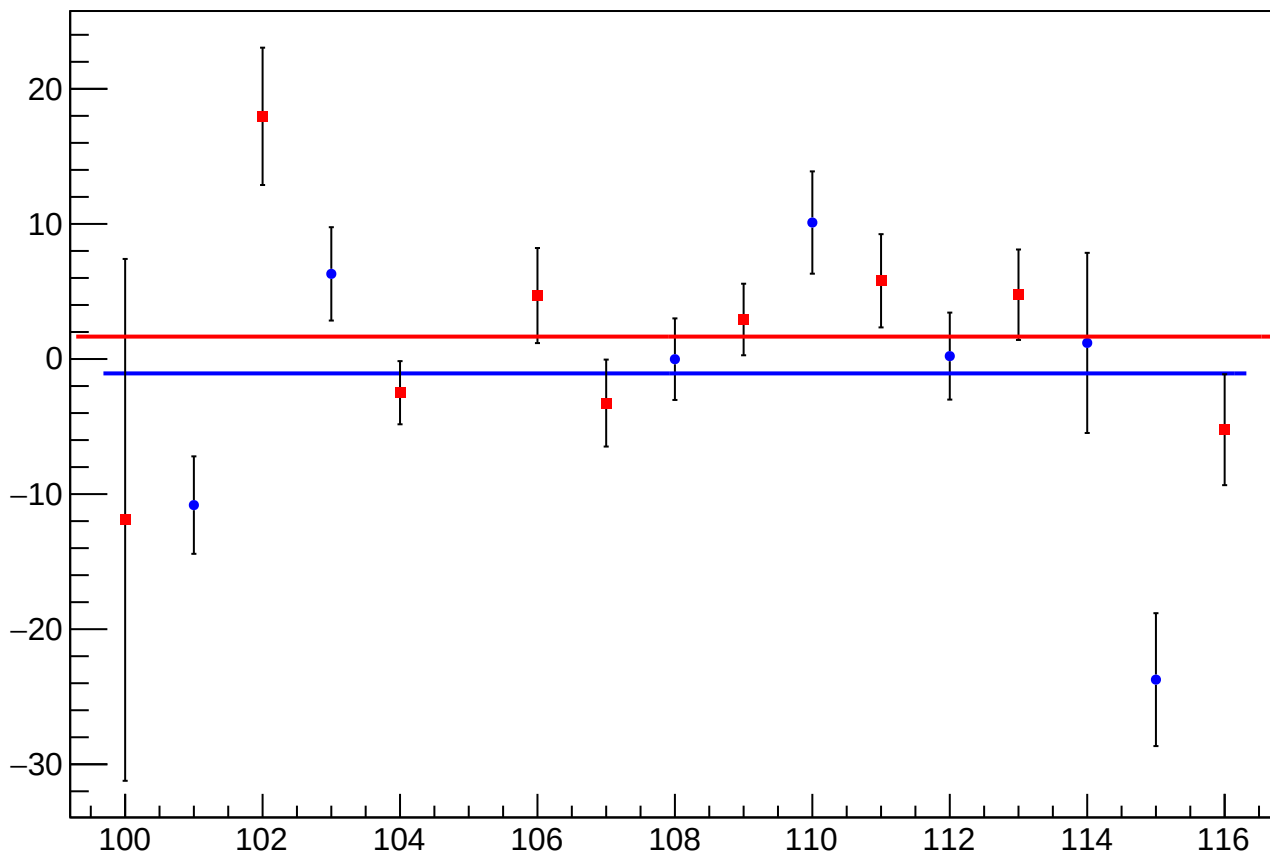
Right: -42.077+/-0.707 χ^2/NDF : 2063.7/15

In: -47.484+/-1.138 χ^2/NDF : 932.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.077+/-0.707 χ^2/NDF : 2063.7/15

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.065+/-1.414 χ^2/NDF : 42.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.660+/-1.135 χ^2/NDF : 22.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

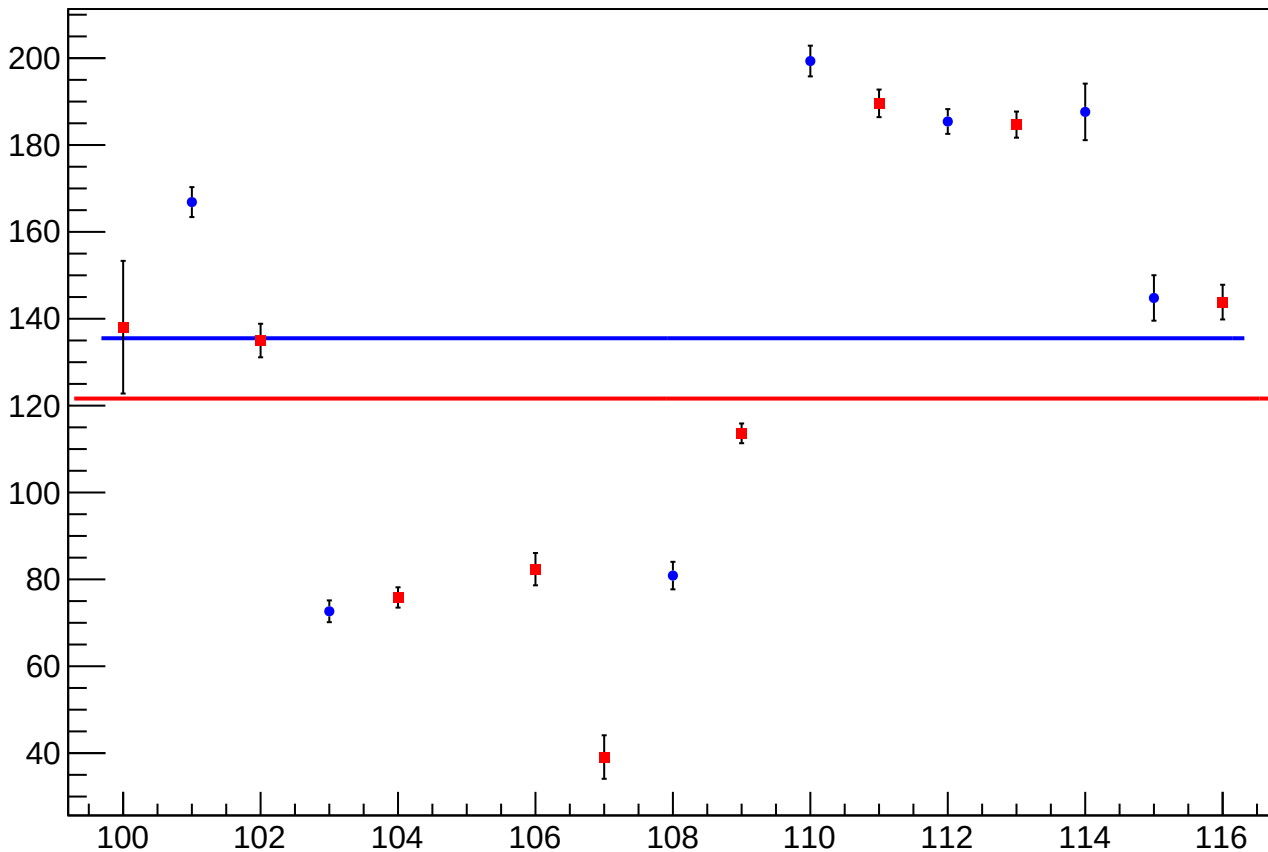
Right: 0.592+/-0.885 χ^2/NDF : 66.8/15

In: -1.065+/-1.414 χ^2/NDF : 42.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.592+/-0.885 χ^2/NDF : 66.8/15

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.513 $\pm$ 1.284 χ^2 /NDF: 1708.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.629 $\pm$ 1.096 χ^2 /NDF: 1721.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

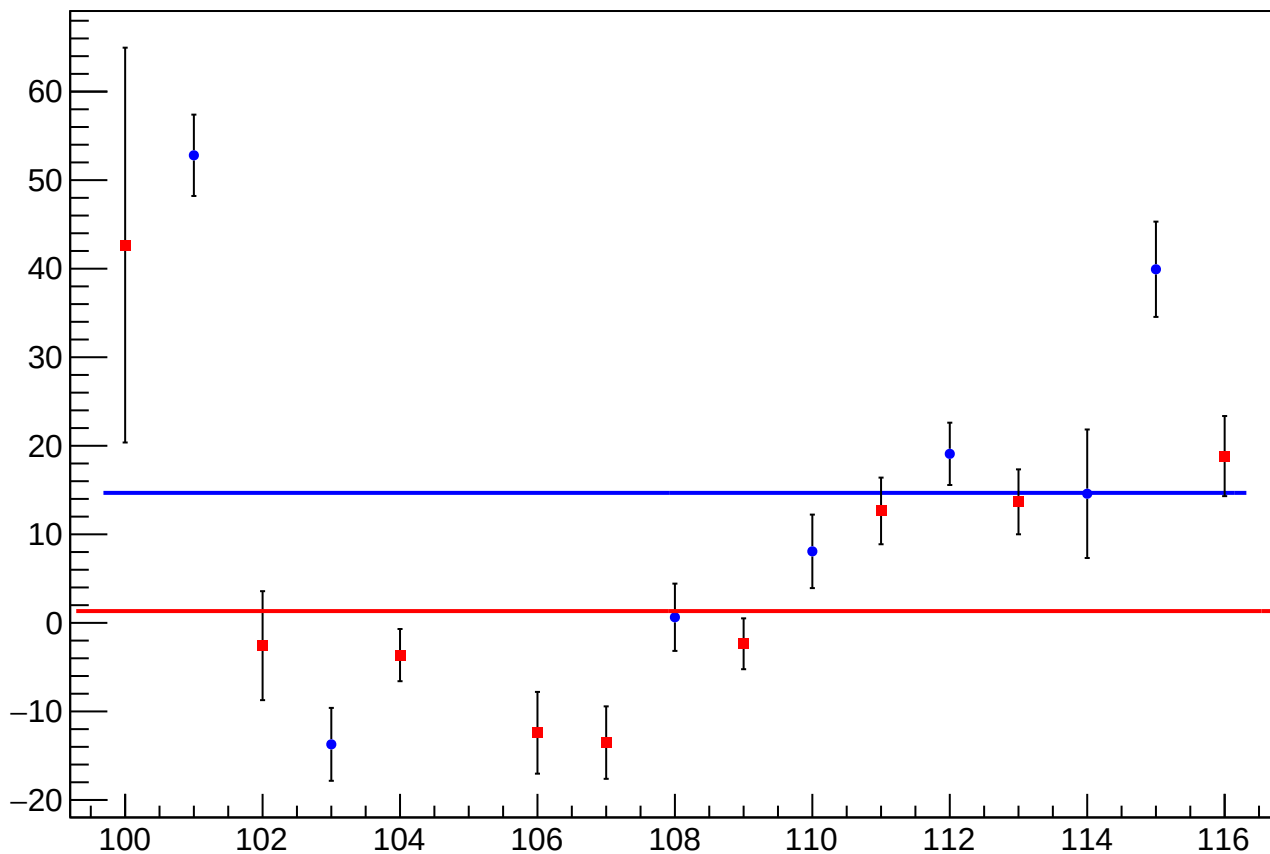
Right: 127.476 $\pm$ 0.834 χ^2 /NDF: 3497.3/15

In: 135.513 $\pm$ 1.284 χ^2 /NDF:1708.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.476 $\pm$ 0.834 χ^2 /NDF: 3497.3/15

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.682 $\pm$ 1.648 χ^2 /NDF: 156.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.333 $\pm$ 1.330 χ^2 /NDF: 65.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

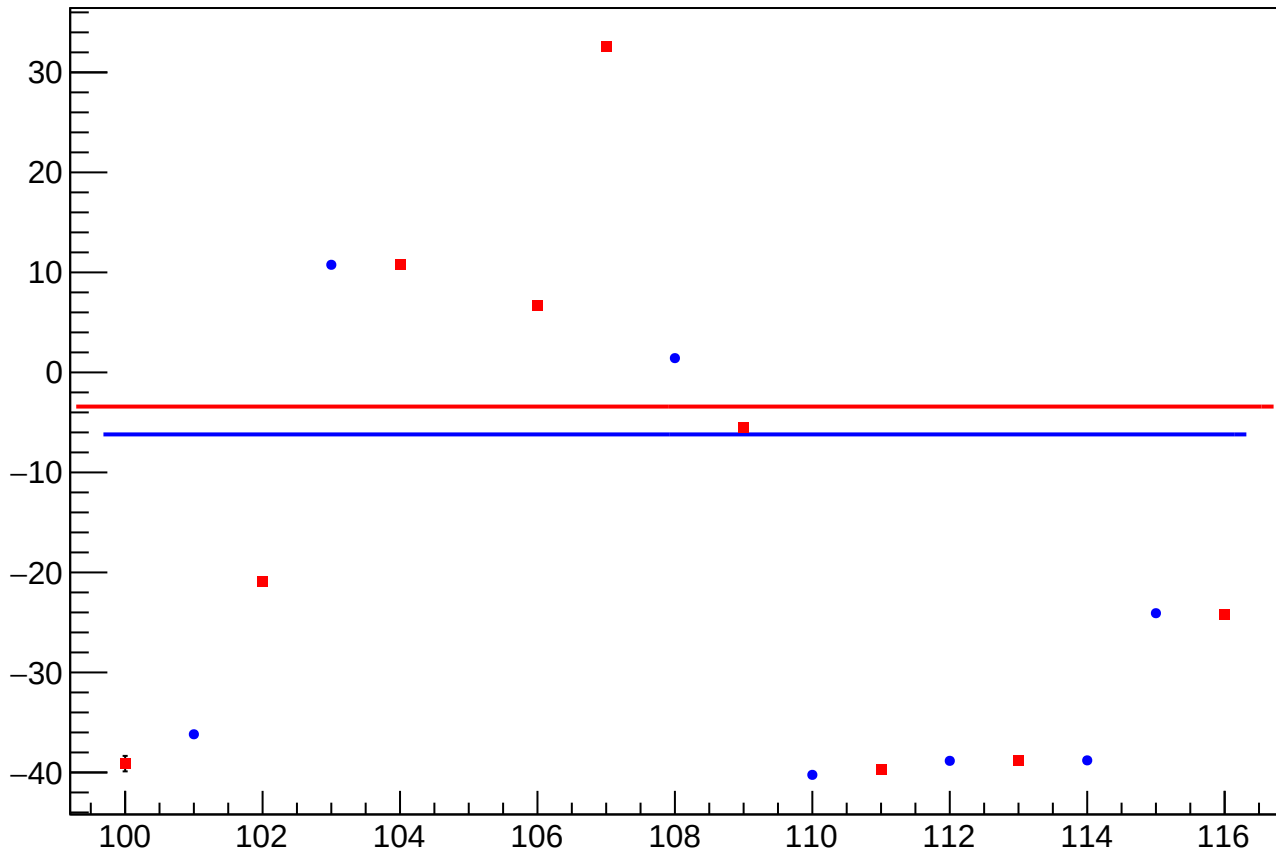
Right: 6.597 $\pm$ 1.035 χ^2 /NDF: 261.7/15

In: 14.682 $\pm$ 1.648 χ^2 /NDF: 156.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.597 $\pm$ 1.035 χ^2 /NDF: 261.7/15

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.200+/-0.068 χ^2/NDF : 92146.6/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.416+/-0.063 χ^2/NDF : 112670.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

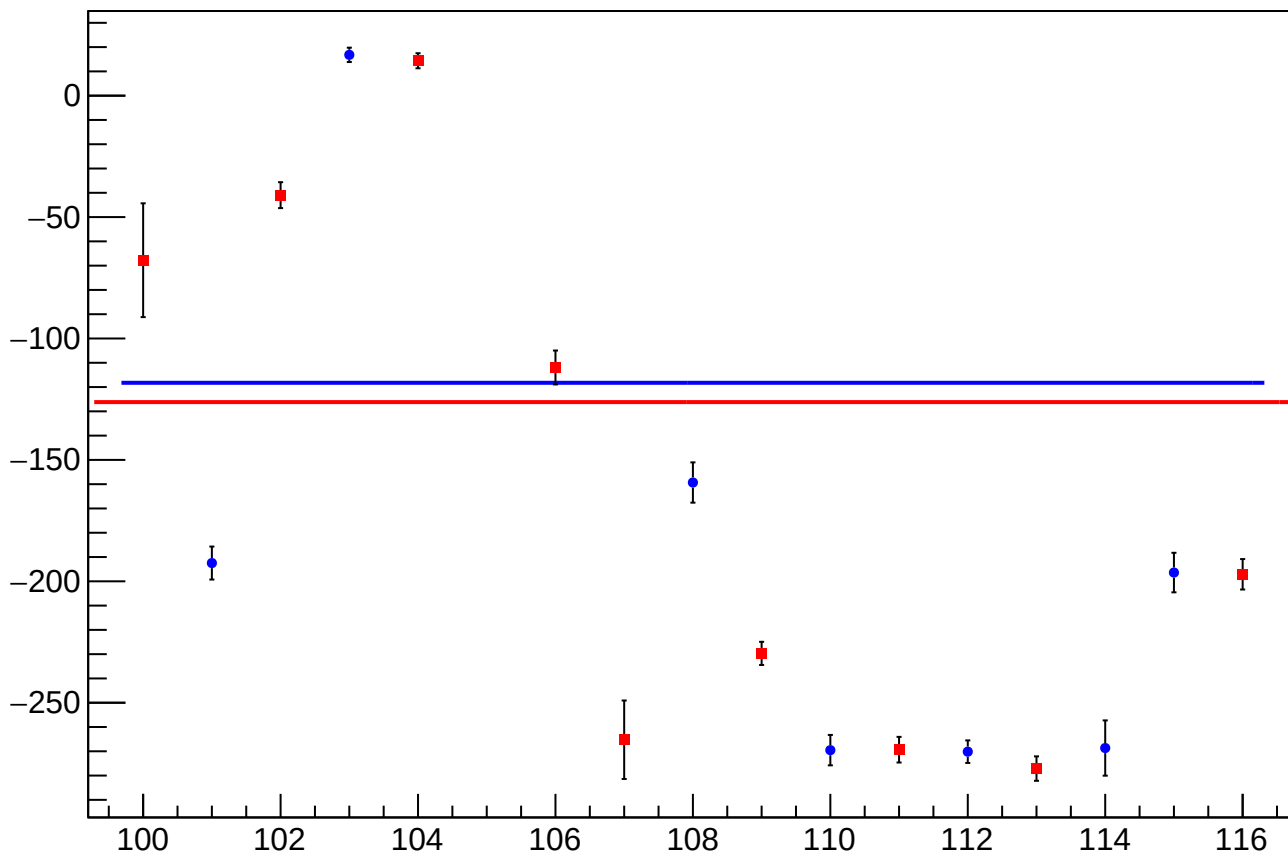
Right: -4.709+/-0.046 χ^2/NDF : 205715.6/15

In: -6.200+/-0.068 χ^2/NDF :92146.6/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.709+/-0.046 χ^2/NDF : 205715.6/15

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -118.242 $\pm$ 2.019 χ^2 /NDF: 4150.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -126.193 $\pm$ 1.796 χ^2 /NDF: 4625.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

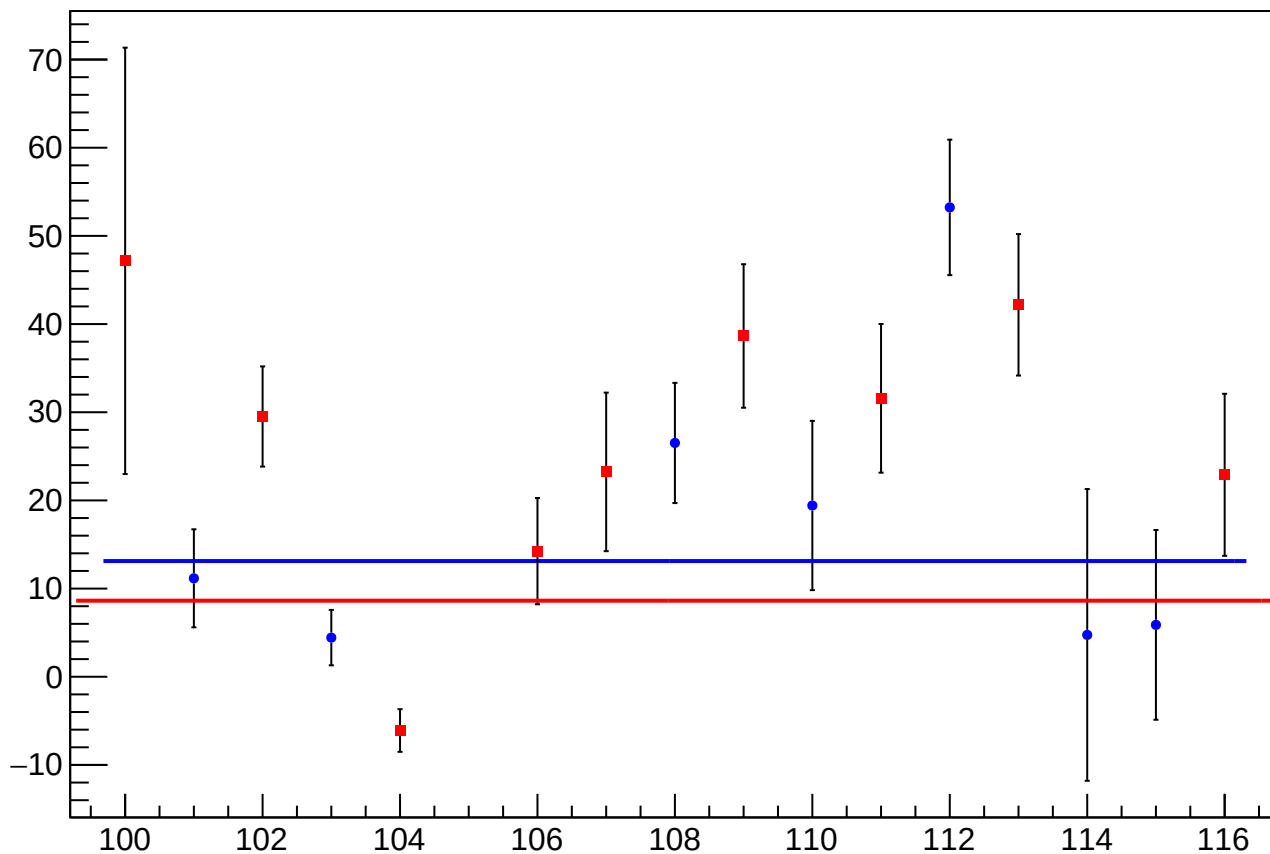
Right: -122.680 $\pm$ 1.342 χ^2 /NDF: 8785.0/15

In: -118.242 $\pm$ 2.019 χ^2 /NDF:4150.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -122.680 $\pm$ 1.342 χ^2 /NDF: 8785.0/15

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.123+/-2.263 χ^2/NDF : 40.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.628+/-1.826 χ^2/NDF : 97.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

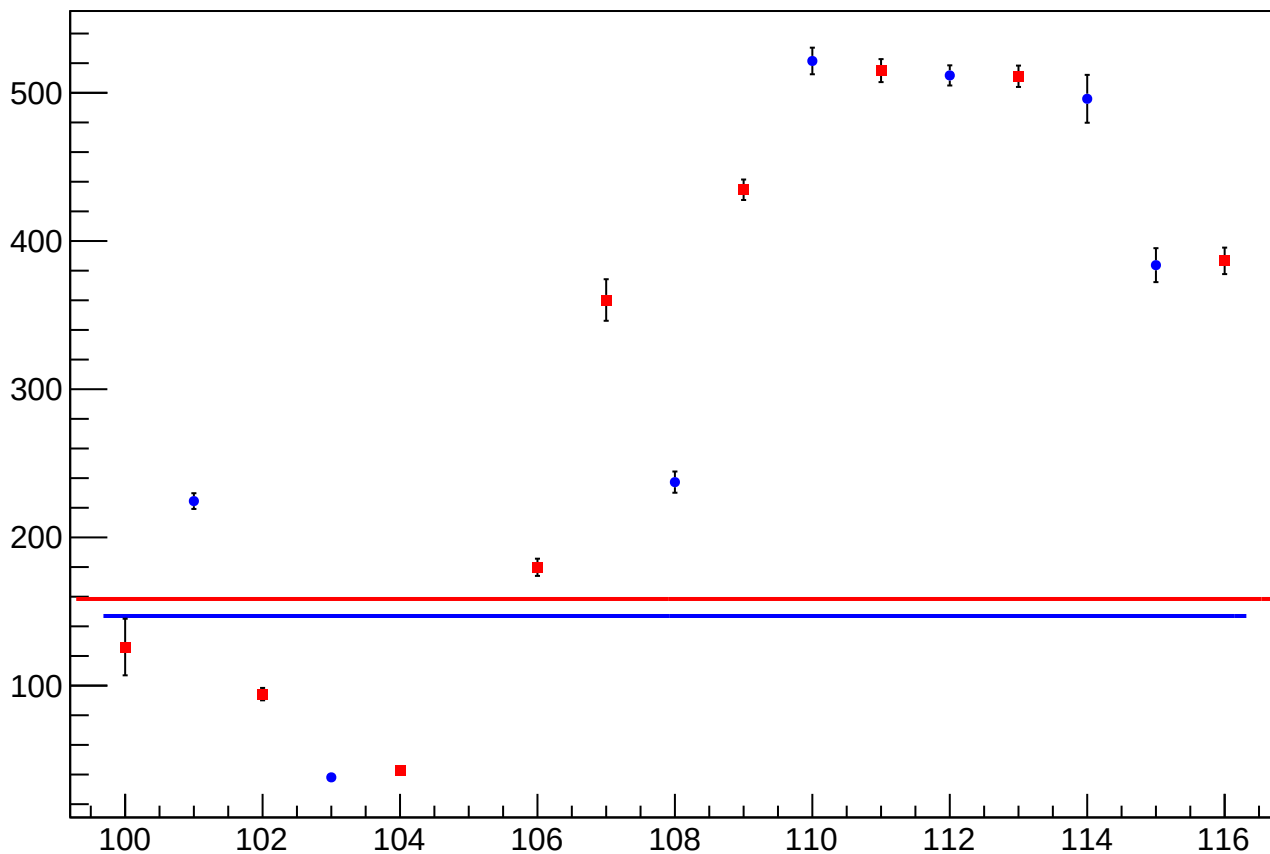
Right: 10.400+/-1.421 χ^2/NDF : 139.9/15

In: 13.123+/-2.263 χ^2/NDF : 40.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.400+/-1.421 χ^2/NDF : 139.9/15

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 146.981+/-1.871 χ^2/NDF : 8082.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.461+/-1.739 χ^2/NDF : 9444.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

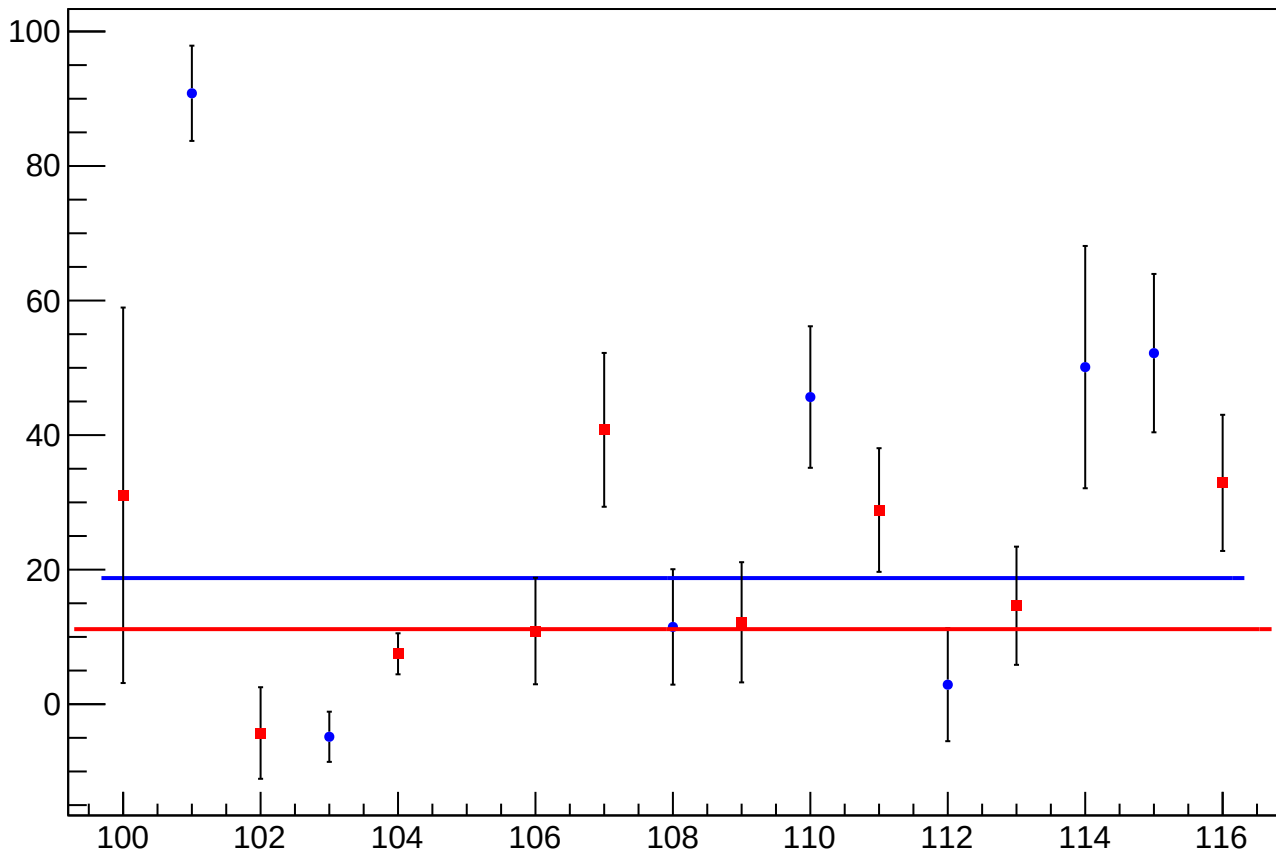
Right: 153.140+/-1.274 χ^2/NDF : 17546.9/15

In: 146.981+/-1.871 χ^2/NDF : 8082.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.140+/-1.274 χ^2/NDF : 17546.9/15

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.747 $\pm$ 2.683 χ^2 /NDF: 165.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.156 $\pm$ 2.230 χ^2 /NDF: 22.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

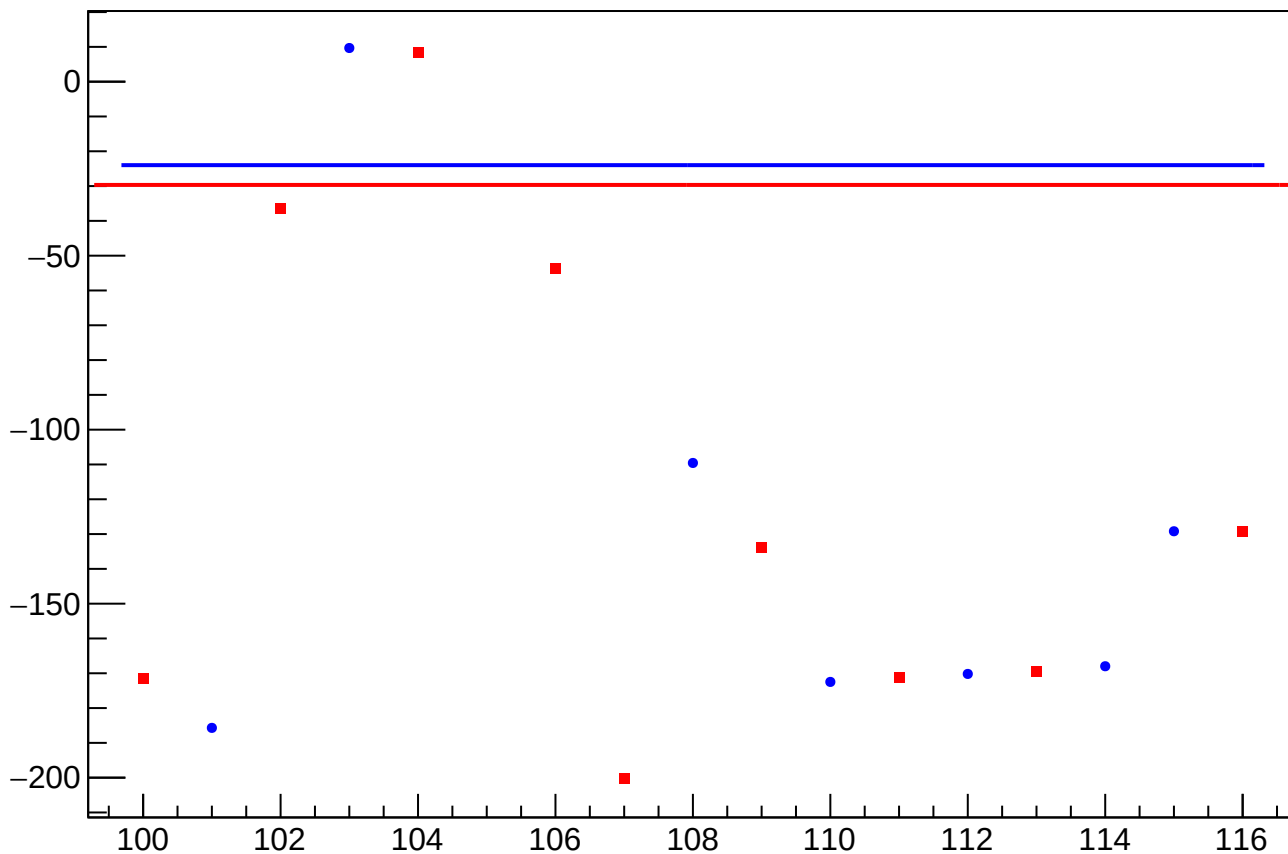
Right: 14.257 $\pm$ 1.715 χ^2 /NDF: 192.6/15

In: 18.747 $\pm$ 2.683 χ^2 /NDF:165.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.257 $\pm$ 1.715 χ^2 /NDF: 192.6/15

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -23.986+/-0.086 χ^2/NDF : 610564.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.672+/-0.085 χ^2/NDF : 421614.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

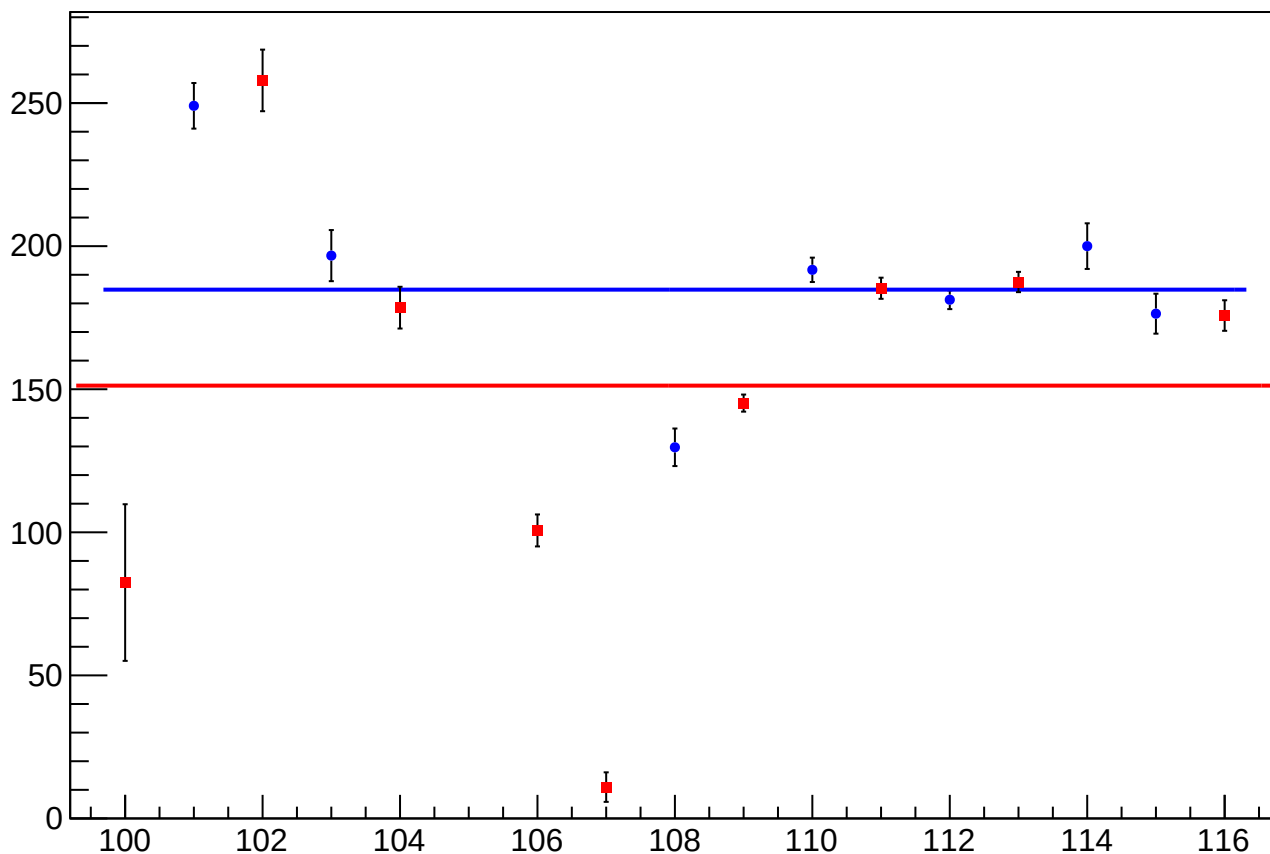
Right: -26.841+/-0.060 χ^2/NDF : 1034393.4/15

In: -23.986+/-0.086 χ^2/NDF : 610564.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.841+/-0.060 χ^2/NDF : 1034393.4/15

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 184.805+/-2.058 χ^2/NDF : 146.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.261+/-1.584 χ^2/NDF : 1154.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

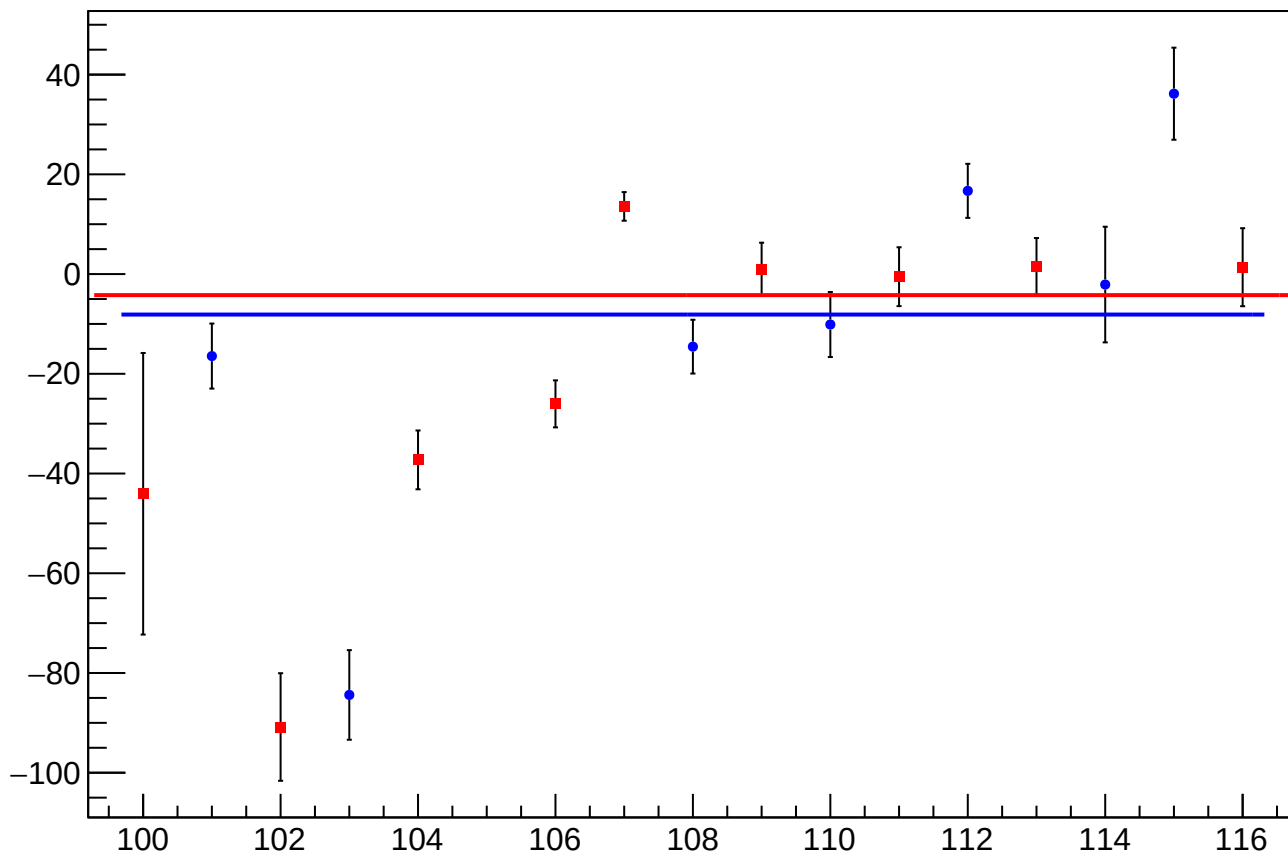
Right: 163.741+/-1.256 χ^2/NDF : 1467.2/15

In: 184.805+/-2.058 χ^2/NDF : 146.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.741+/-1.256 χ^2/NDF : 1467.2/15

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.119+/-2.608 χ^2/NDF : 119.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.225+/-1.776 χ^2/NDF : 160.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

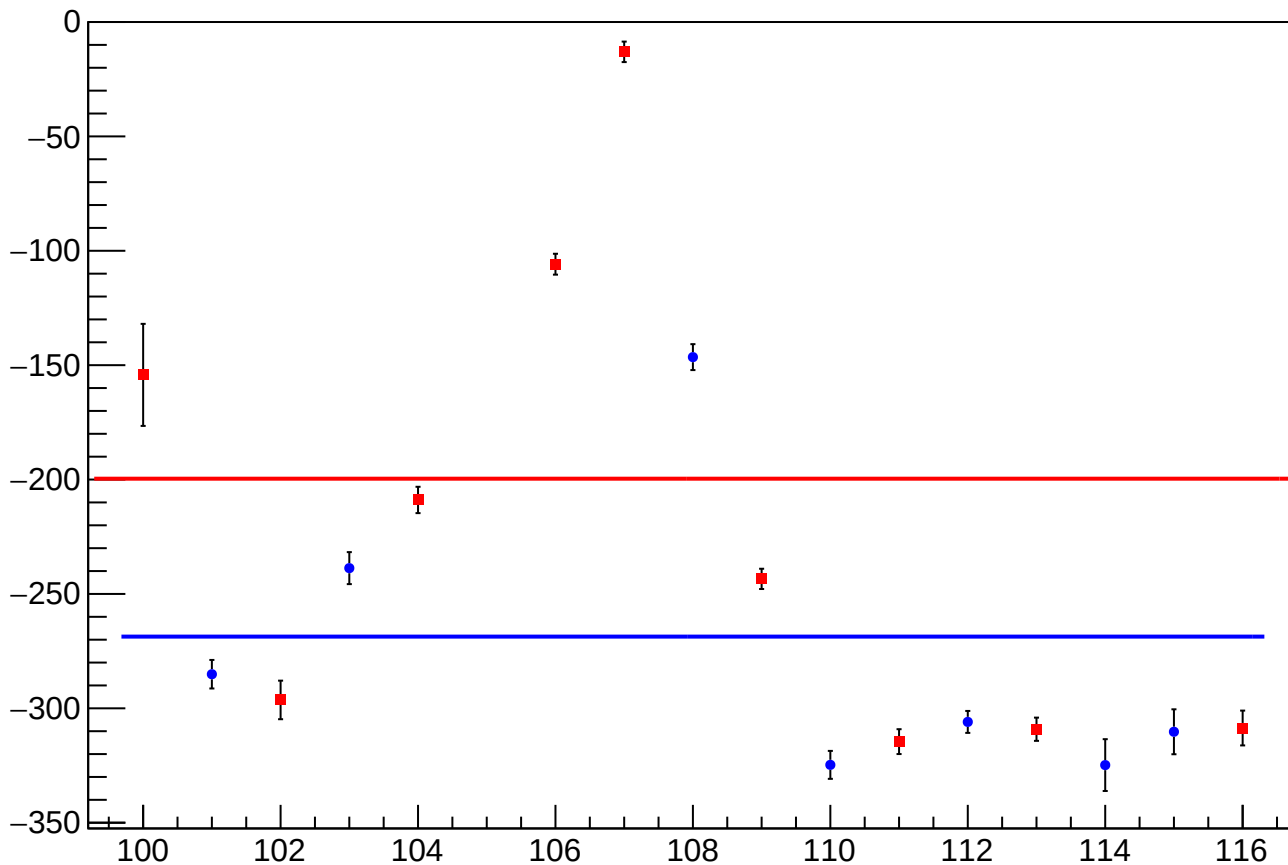
Right: -5.459+/-1.468 χ^2/NDF : 281.5/15

In: -8.119+/-2.608 χ^2/NDF : 119.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.459+/-1.468 χ^2/NDF : 281.5/15

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -268.650+/-2.456 χ^2/NDF : 677.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.623+/-1.873 χ^2/NDF : 3513.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

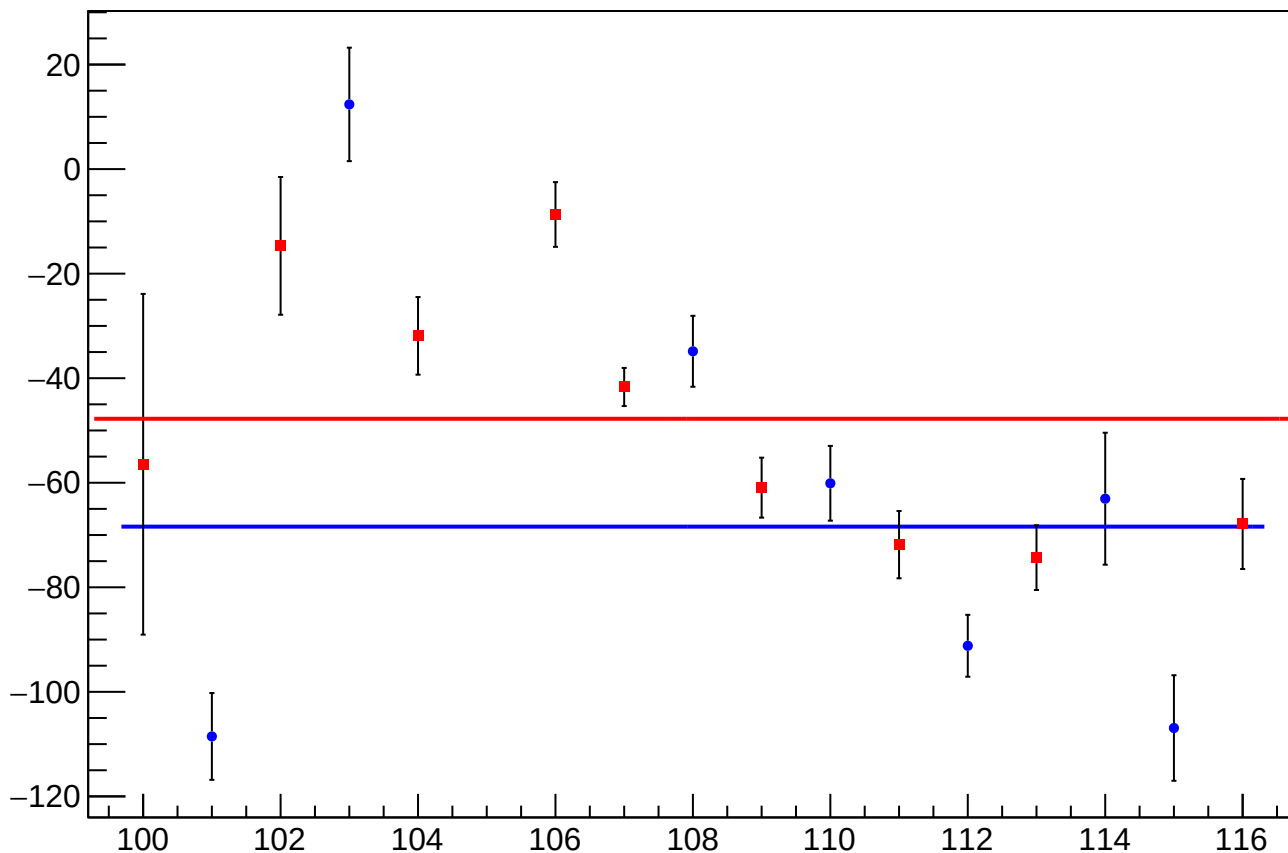
Right: -225.000+/-1.489 χ^2/NDF : 4689.8/15

In: -268.650+/-2.456 χ^2/NDF : 677.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.000+/-1.489 χ^2/NDF : 4689.8/15

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.393 ± 3.031 χ^2/NDF : 134.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.760 ± 2.131 χ^2/NDF : 96.7/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

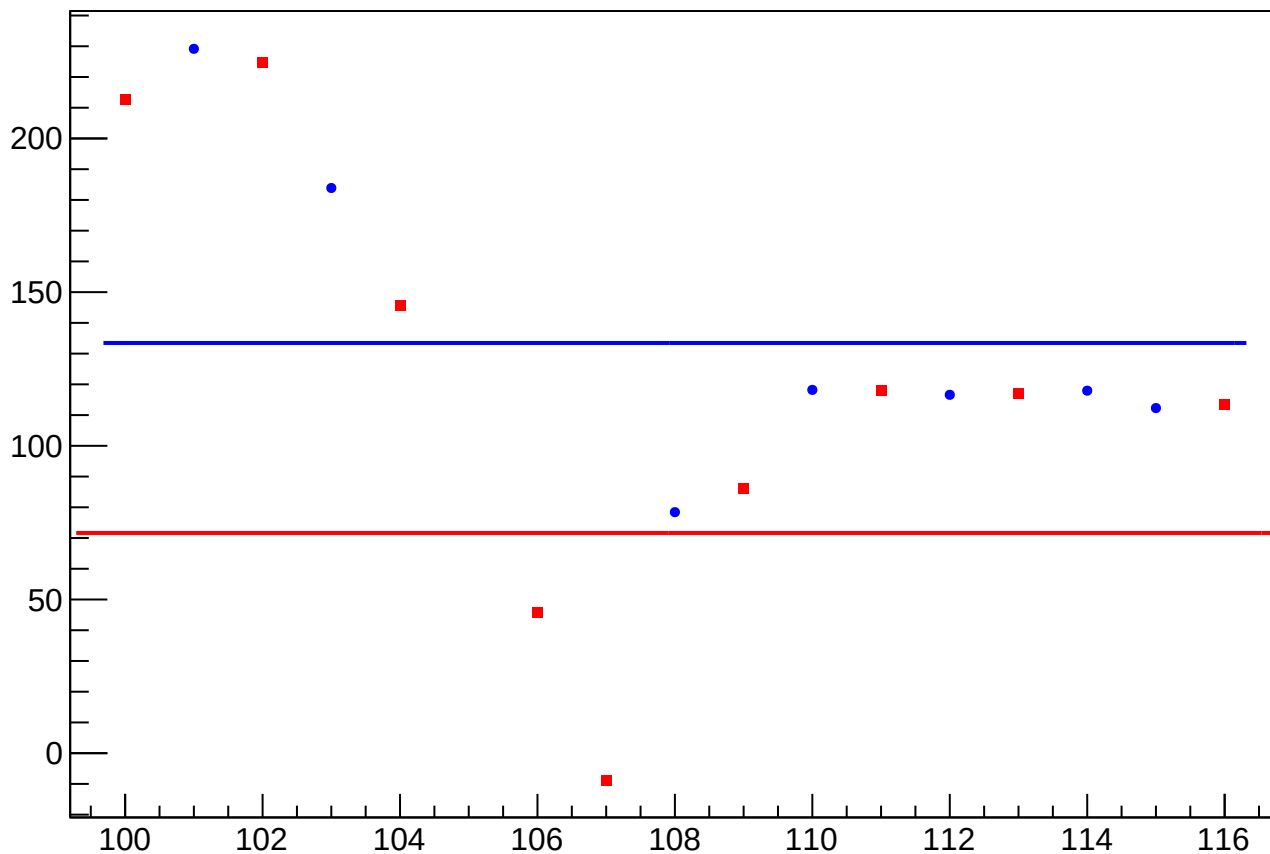
Right: -54.586 ± 1.743 χ^2/NDF : 261.8/15

In: -68.393 ± 3.031 χ^2/NDF : 134.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.586 ± 1.743 χ^2/NDF : 261.8/15

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 133.463+/-0.140 χ^2/NDF : 154979.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.650+/-0.101 χ^2/NDF : 497887.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

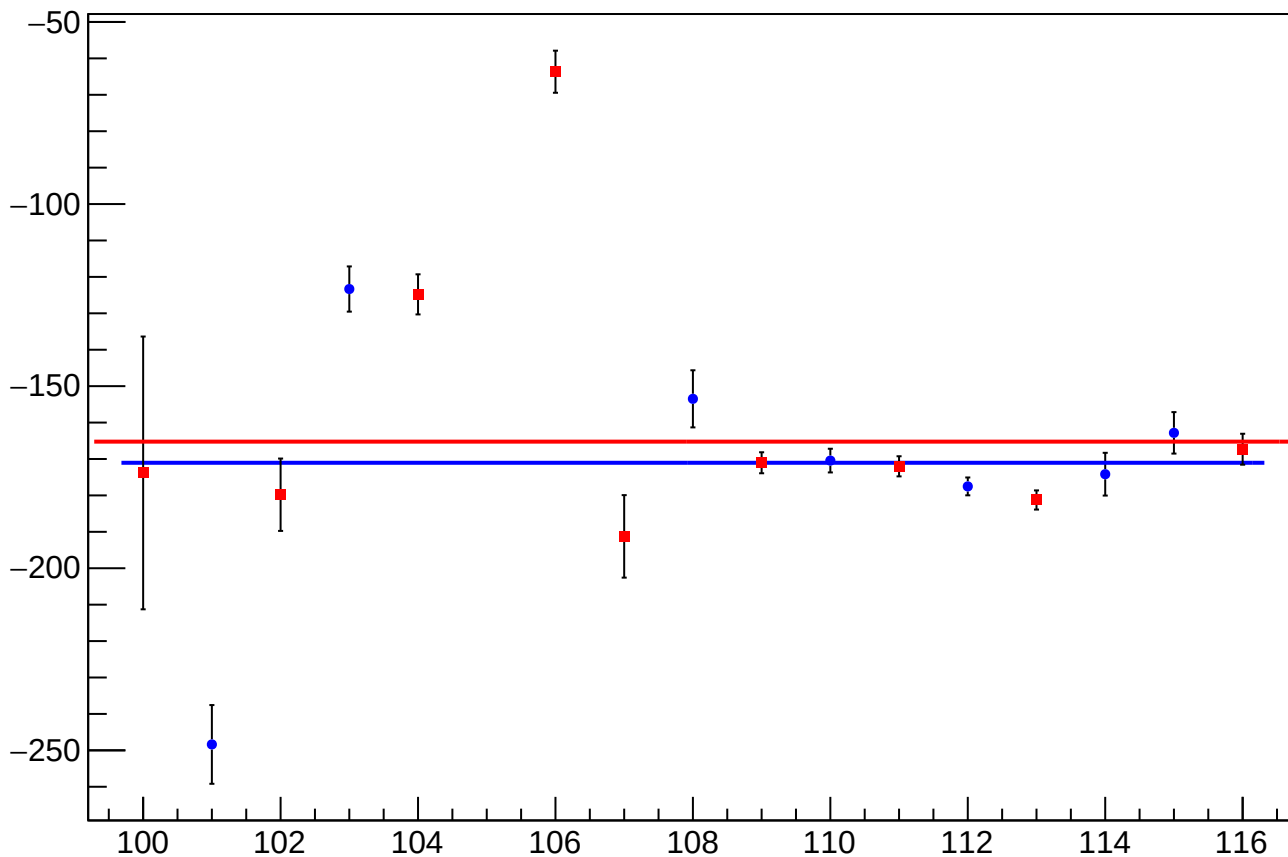
Right: 92.915+/-0.082 χ^2/NDF : 781026.5/15

In: 133.463+/-0.140 χ^2/NDF : 154979.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.915+/-0.082 χ^2/NDF : 781026.5/15

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -171.041+/-1.640 χ^2/NDF : 124.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -165.235+/-1.370 χ^2/NDF : 417.7/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

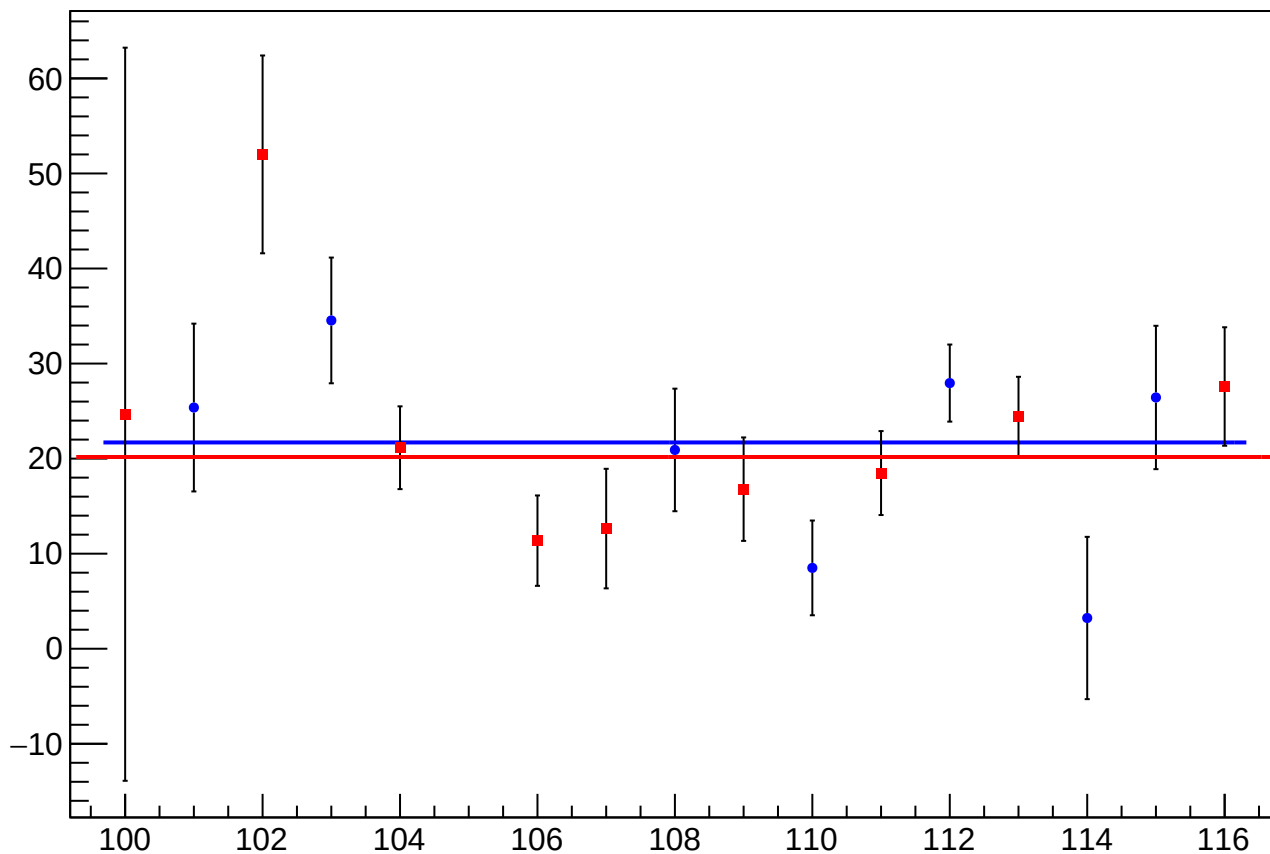
Right: -167.621+/-1.051 χ^2/NDF : 549.7/15

In: -171.041+/-1.640 χ^2/NDF :124.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -167.621+/-1.051 χ^2/NDF : 549.7/15

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.701 $\pm$ 2.281 χ^2 /NDF: 18.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.170 $\pm$ 1.826 χ^2 /NDF: 17.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

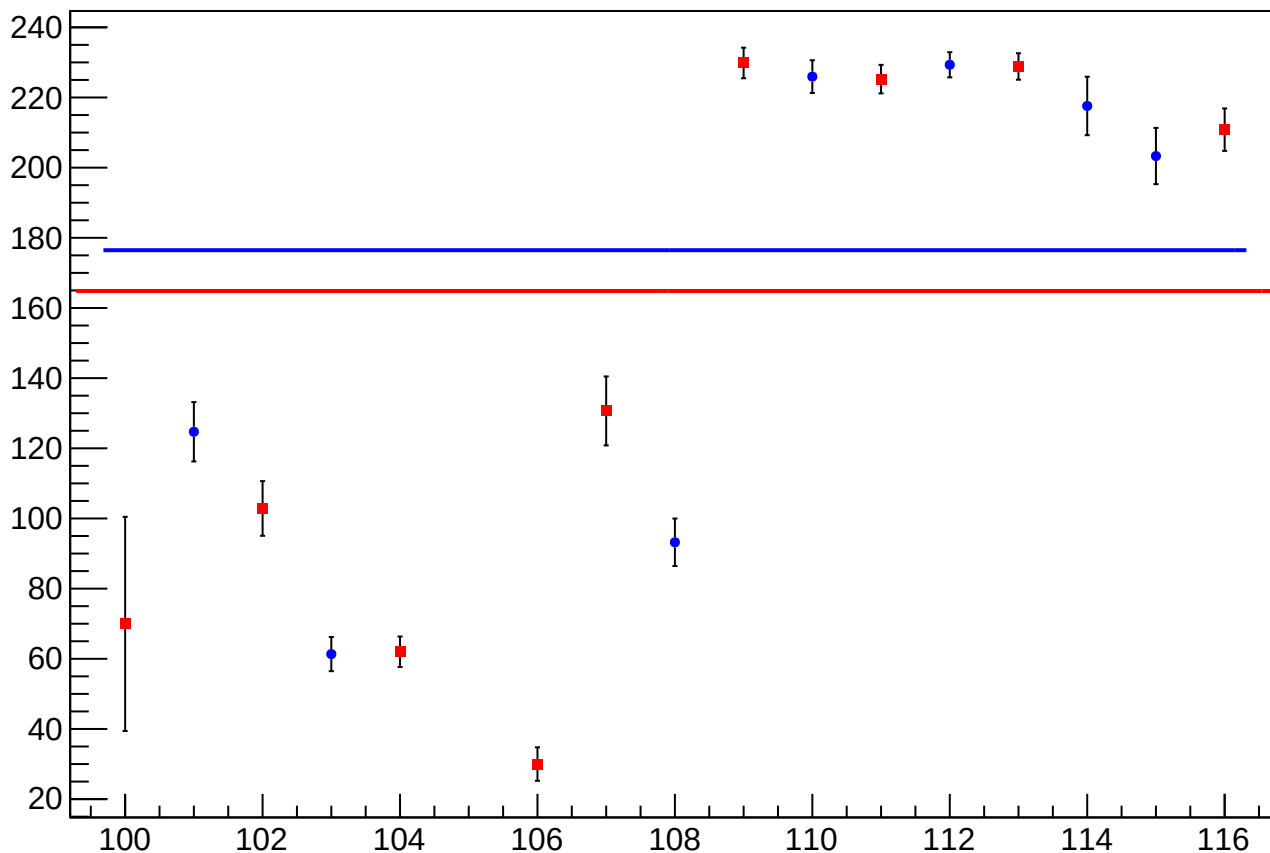
Right: 20.768 $\pm$ 1.426 χ^2 /NDF: 35.9/15

In: 21.701 $\pm$ 2.281 χ^2 /NDF: 18.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.768 $\pm$ 1.426 χ^2 /NDF: 35.9/15

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 176.470+/-2.078 χ^2/NDF : 1112.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.840+/-1.726 χ^2/NDF : 2233.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

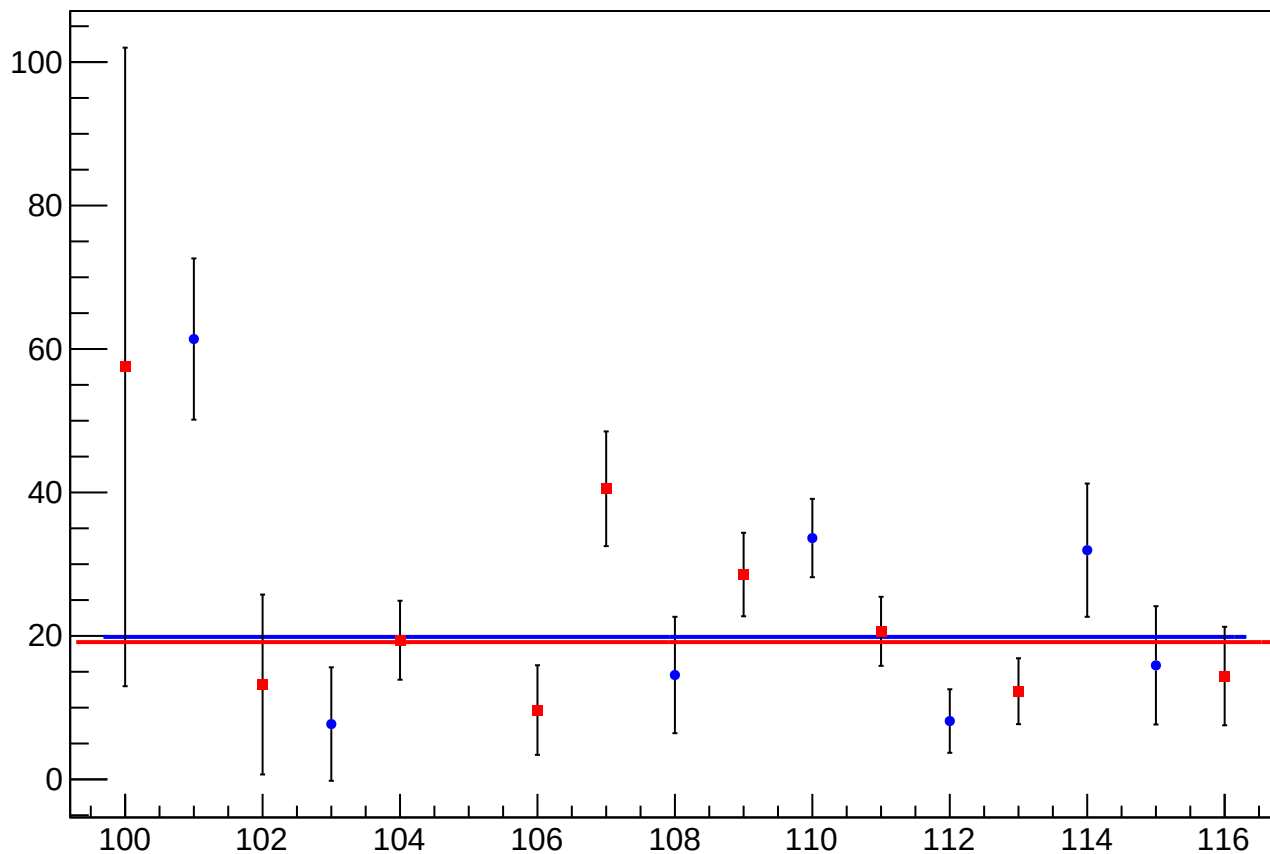
Right: 169.587+/-1.328 χ^2/NDF : 3364.4/15

In: 176.470+/-2.078 χ^2/NDF : 1112.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.587+/-1.328 χ^2/NDF : 3364.4/15

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.862 $\pm$ 2.583 χ^2 /NDF: 31.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.137 $\pm$ 2.120 χ^2 /NDF: 15.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

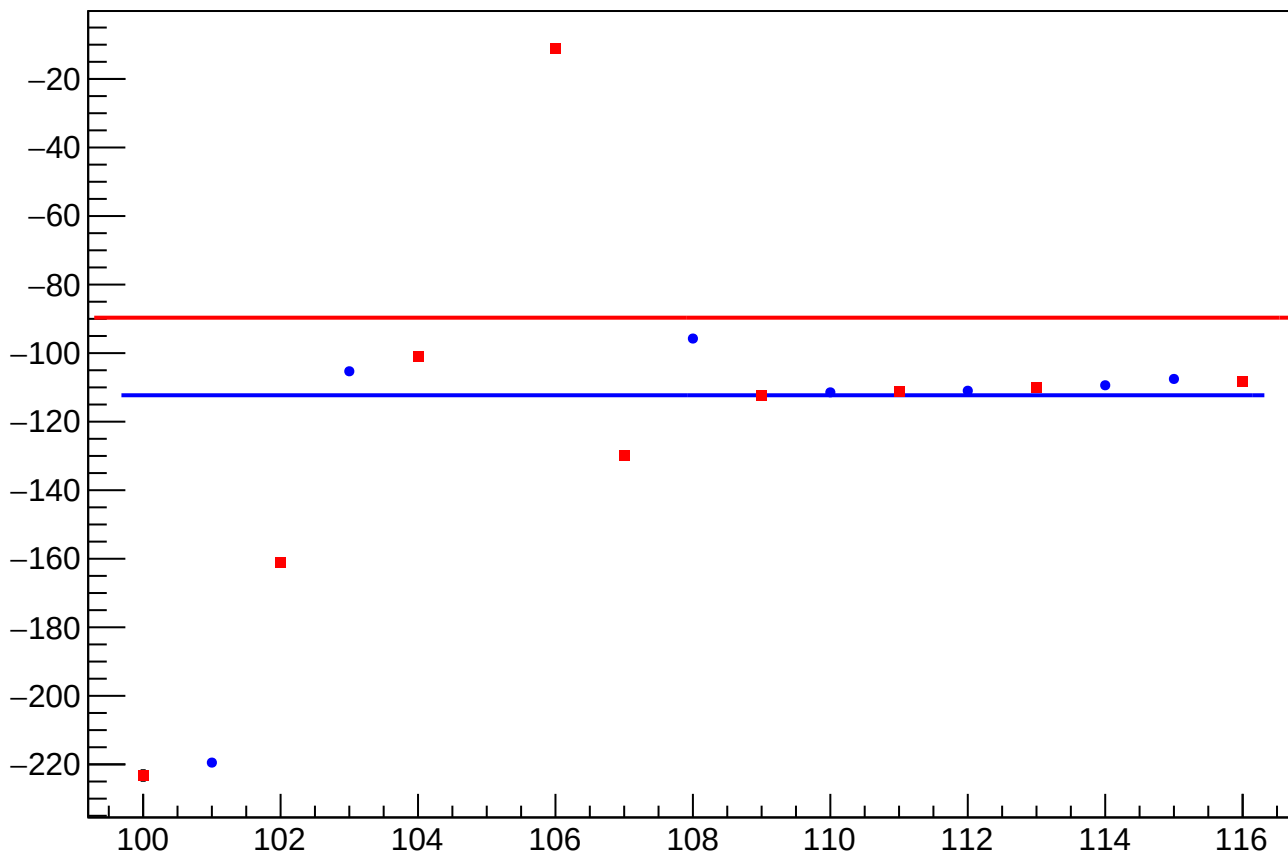
Right: 19.429 $\pm$ 1.639 χ^2 /NDF: 47.6/15

In: 19.862 $\pm$ 2.583 χ^2 /NDF: 31.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.429 $\pm$ 1.639 χ^2 /NDF: 47.6/15

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -112.295+/-0.124 χ^2/NDF : 50331.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.659+/-0.100 χ^2/NDF : 237085.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

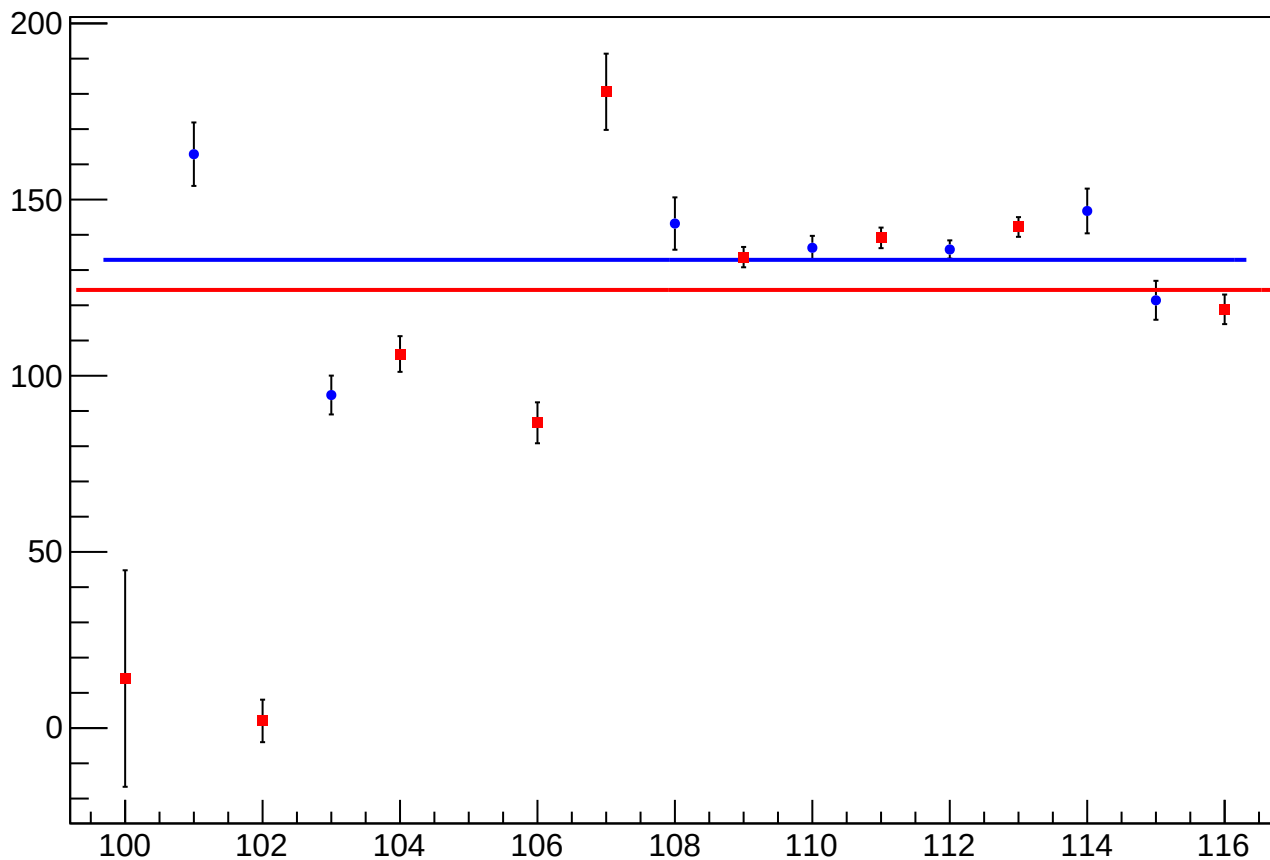
Right: -98.621+/-0.078 χ^2/NDF : 307650.0/15

In: -112.295+/-0.124 χ^2/NDF : 50331.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.621+/-0.078 χ^2/NDF : 307650.0/15

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 132.895+/-1.672 χ^2/NDF : 72.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.356+/-1.377 χ^2/NDF : 584.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

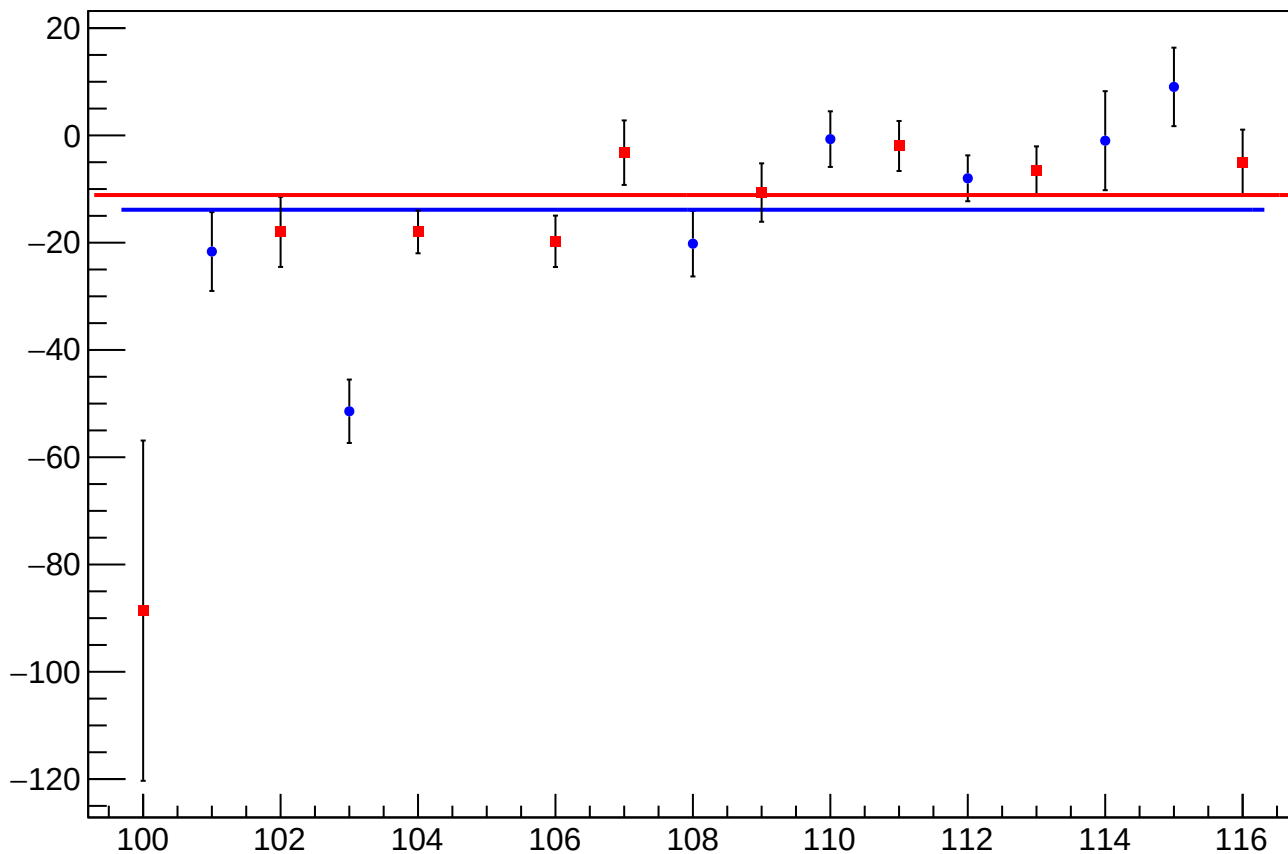
Right: 127.805+/-1.063 χ^2/NDF : 673.1/15

In: 132.895+/-1.672 χ^2/NDF : 72.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.805+/-1.063 χ^2/NDF : 673.1/15

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.859 ± 2.258 χ^2/NDF : 62.7/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.118 ± 1.782 χ^2/NDF : 20.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

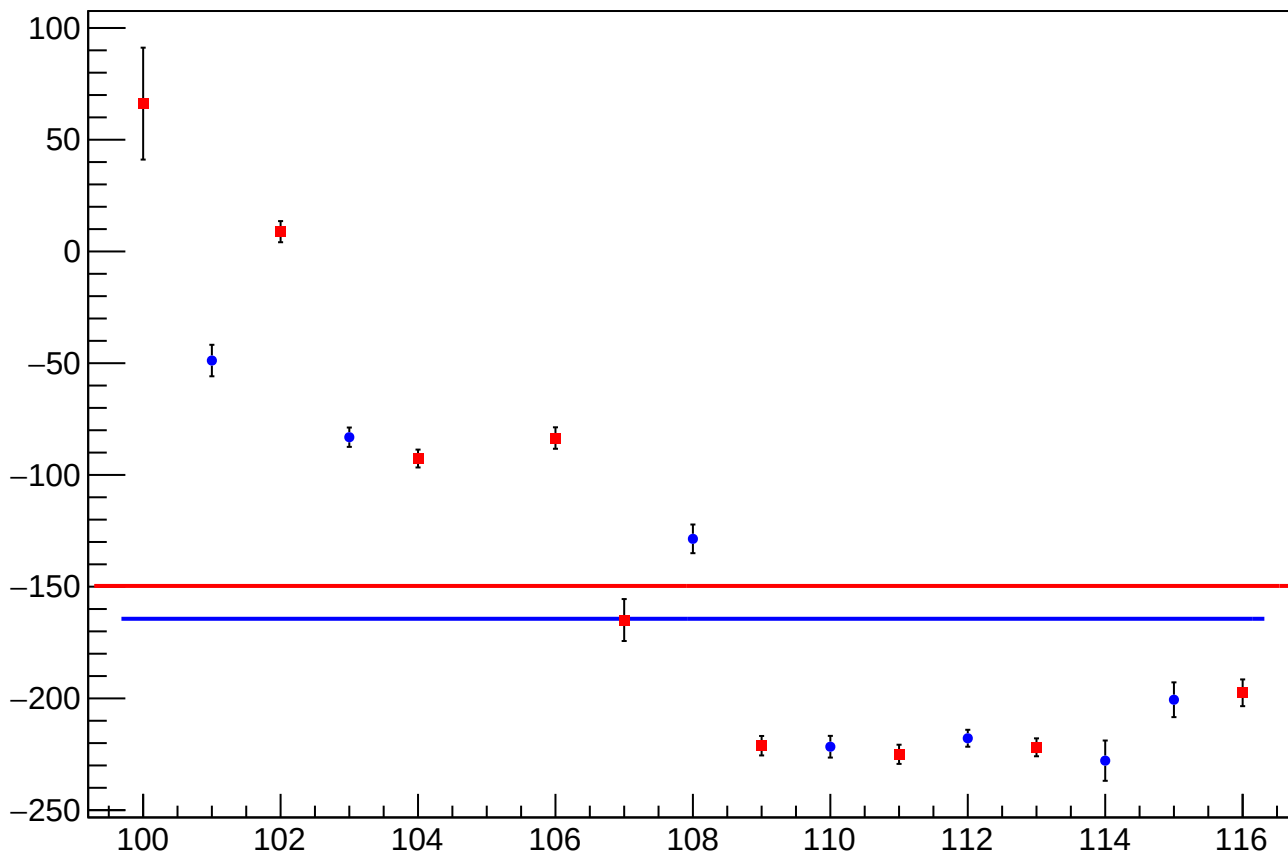
Right: -12.170 ± 1.399 χ^2/NDF : 84.5/15

In: -13.859 ± 2.258 χ^2/NDF : 62.7/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.170 ± 1.399 χ^2/NDF : 84.5/15

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.367+/-2.046 χ^2/NDF : 1062.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.672+/-1.665 χ^2/NDF : 2560.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

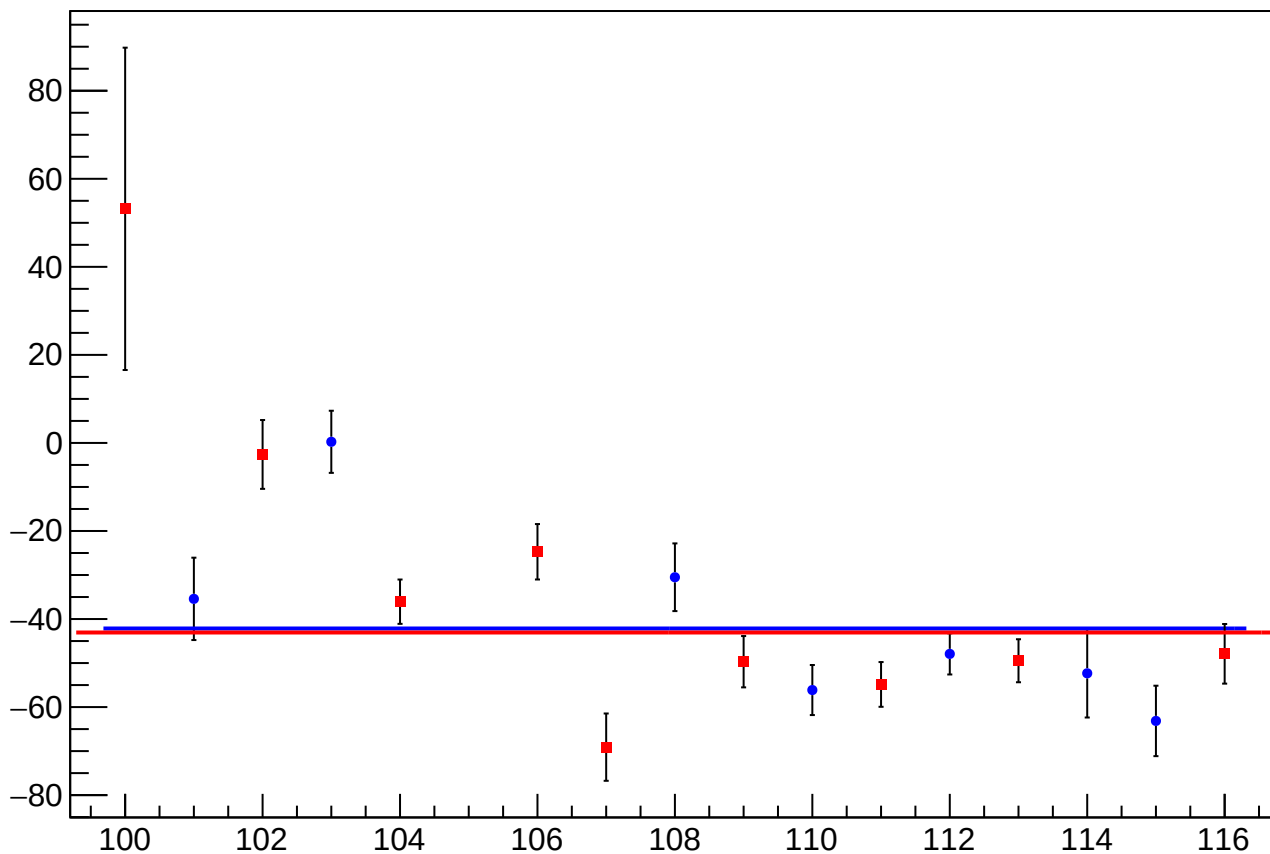
Right: -155.525+/-1.291 χ^2/NDF : 3654.0/15

In: -164.367+/-2.046 χ^2/NDF : 1062.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.525+/-1.291 χ^2/NDF : 3654.0/15

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.150 ± 2.576 $\chi^2/\text{NDF}: 54.4/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -43.059 ± 2.082 $\chi^2/\text{NDF}: 64.6/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

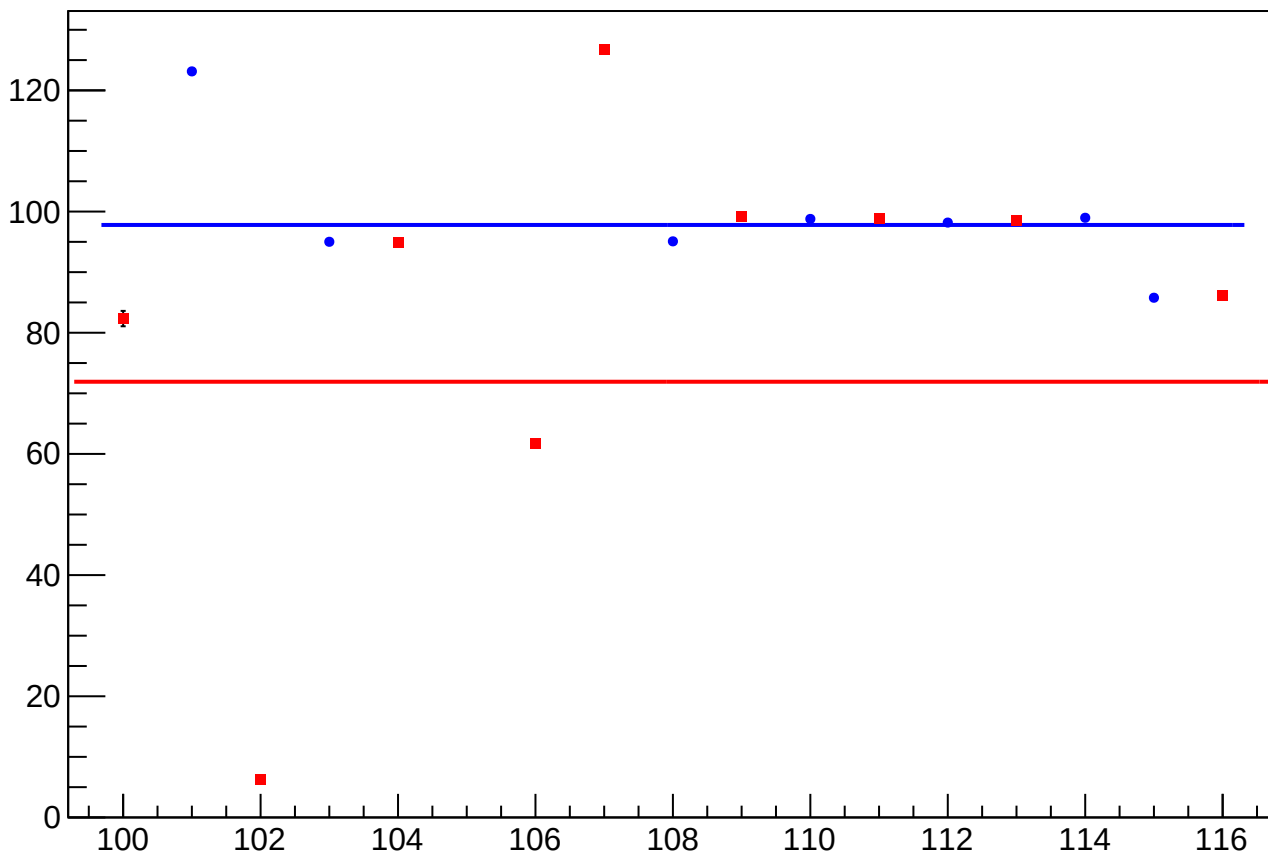
Right: -42.700 ± 1.619 $\chi^2/\text{NDF}: 119.1/15$

In: -42.150 ± 2.576 $\chi^2/\text{NDF}: 54.4/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -42.700 ± 1.619 $\chi^2/\text{NDF}: 119.1/15$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.791+/-0.117 χ^2/NDF : 4445.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.913+/-0.092 χ^2/NDF : 165461.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

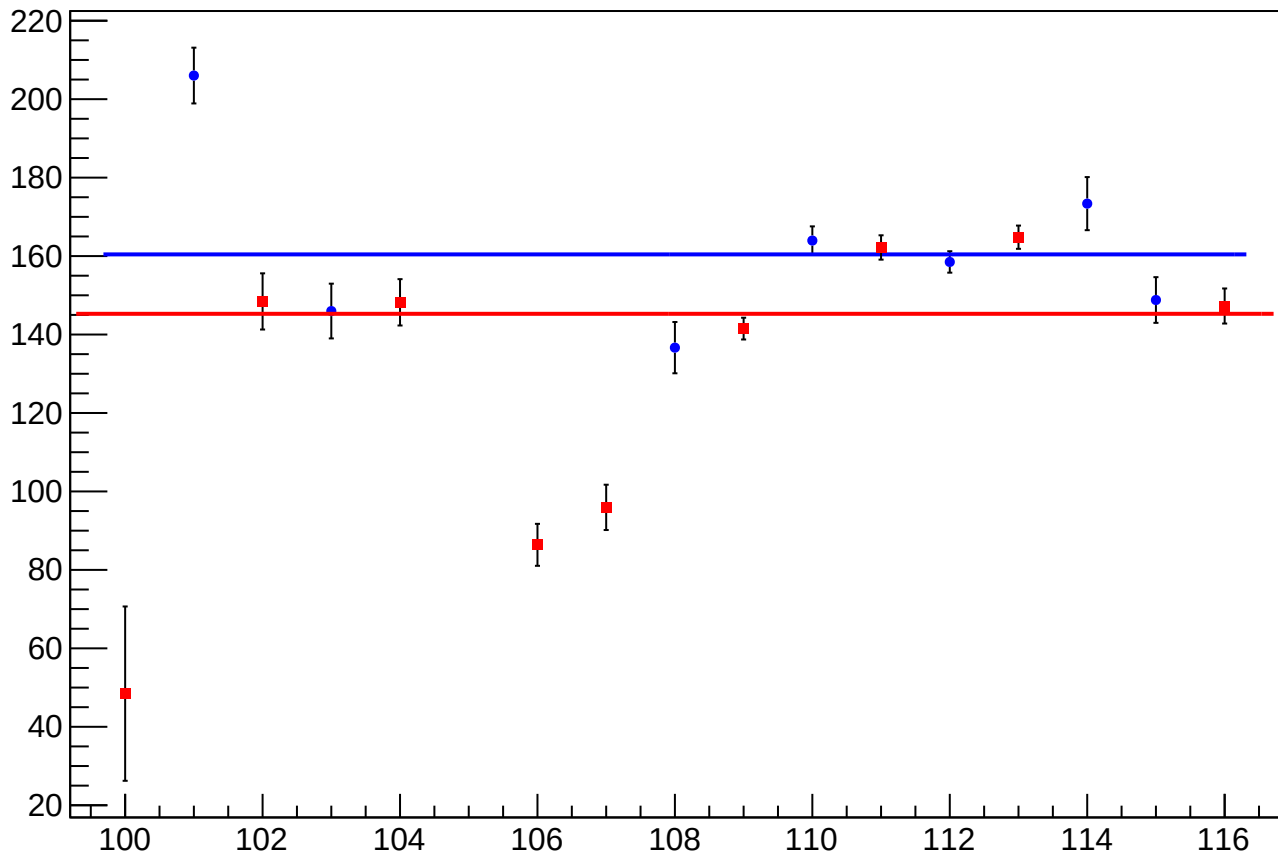
Right: 81.818+/-0.072 χ^2/NDF : 200148.6/15

In: 97.791+/-0.117 χ^2/NDF : 4445.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.818+/-0.072 χ^2/NDF : 200148.6/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.430 $\pm$ 1.753 χ^2 /NDF: 67.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.283 $\pm$ 1.396 χ^2 /NDF: 288.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

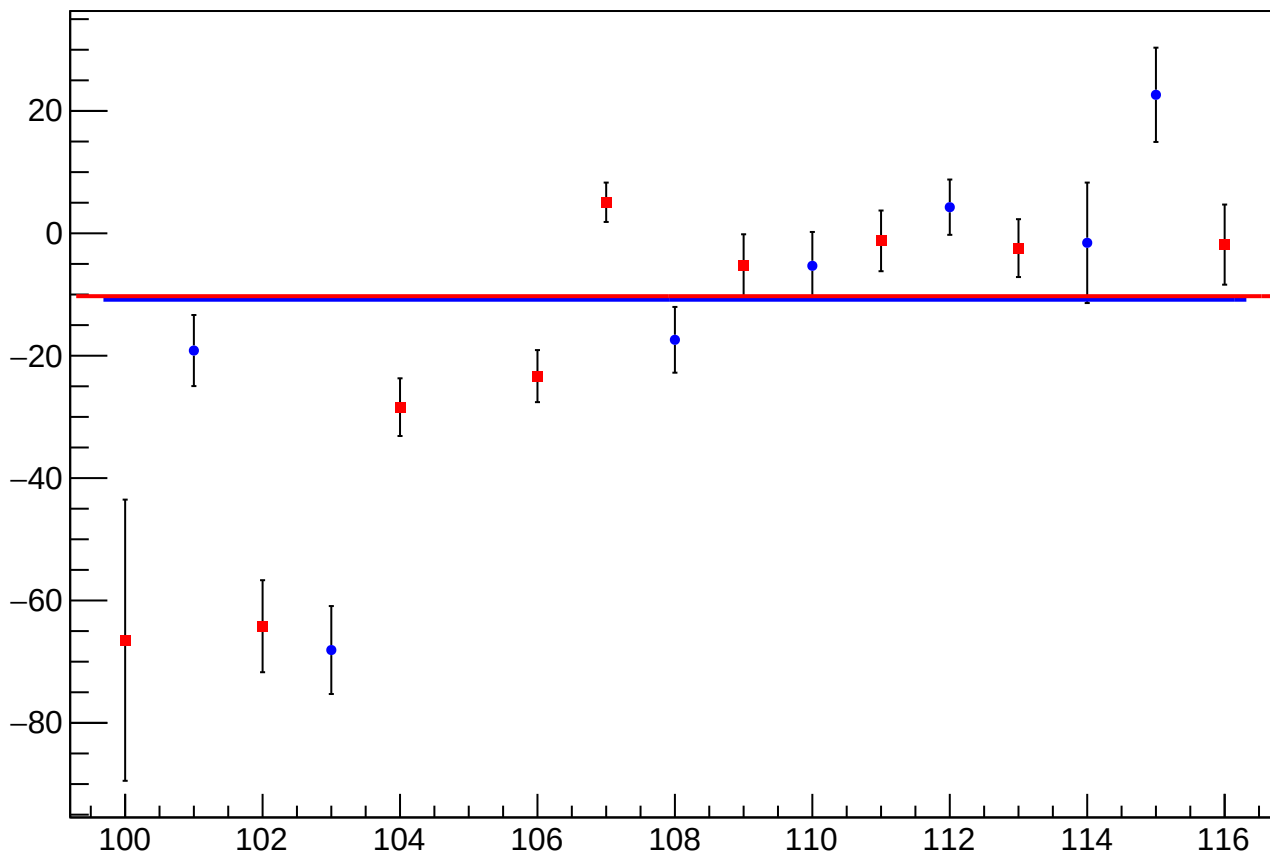
Right: 151.165 $\pm$ 1.092 χ^2 /NDF: 402.1/15

In: 160.430 $\pm$ 1.753 χ^2 /NDF:67.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.165 $\pm$ 1.092 χ^2 /NDF: 402.1/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.850+/-2.280 χ^2/NDF : 99.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.272+/-1.656 χ^2/NDF : 113.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

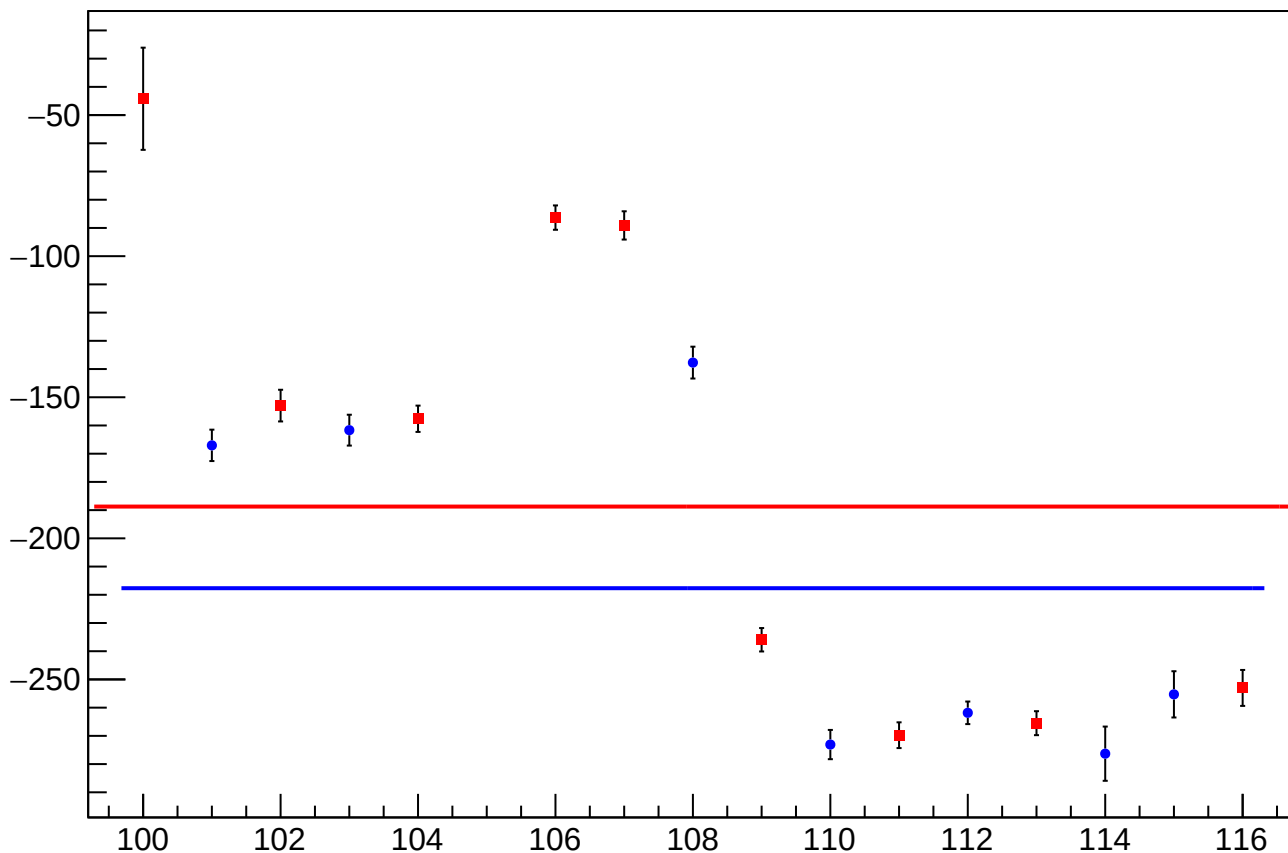
Right: -10.472+/-1.340 χ^2/NDF : 212.2/15

In: -10.850+/-2.280 χ^2/NDF : 99.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.472+/-1.340 χ^2/NDF : 212.2/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -217.668 $\pm$ 2.119 χ^2 /NDF: 682.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -188.738 $\pm$ 1.665 χ^2 /NDF: 1981.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

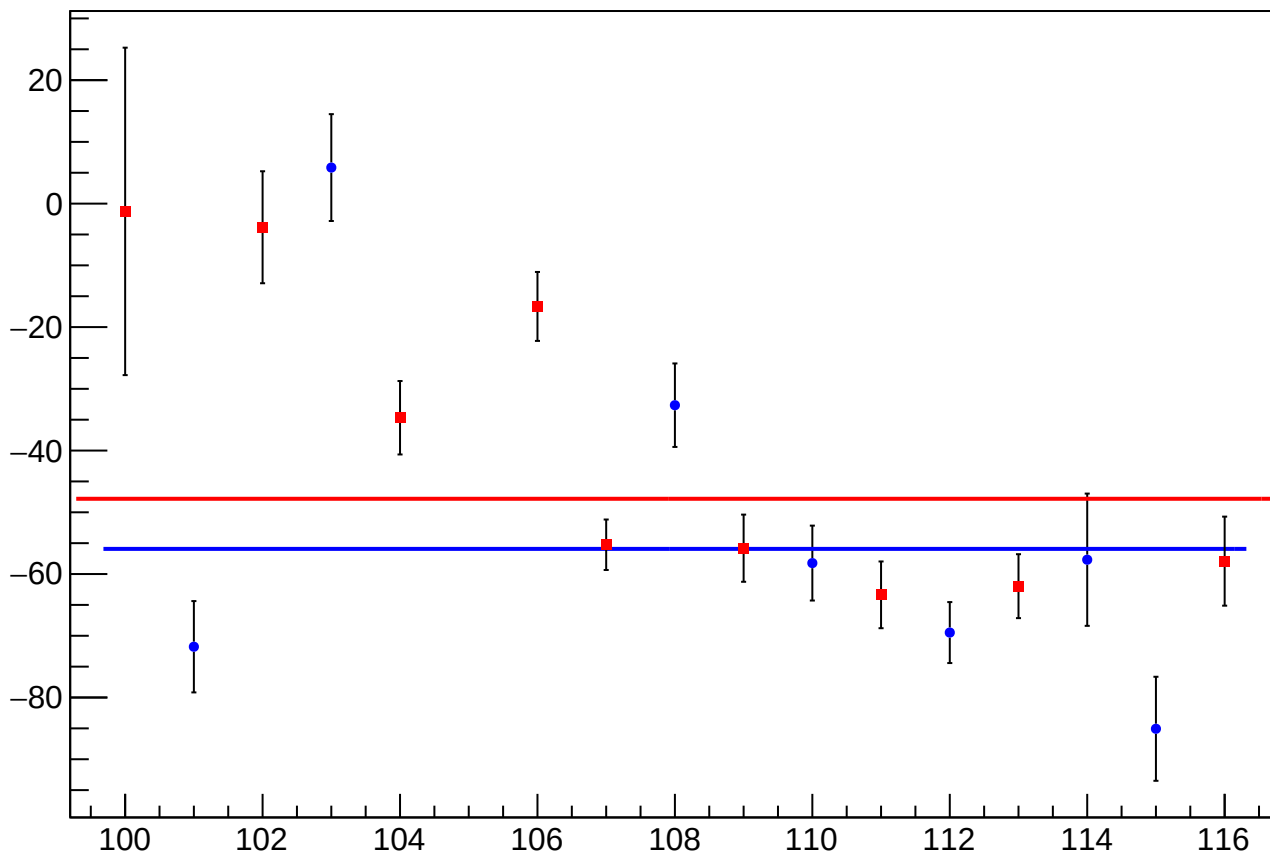
Right: -199.781 $\pm$ 1.309 χ^2 /NDF: 2779.1/15

In: -217.668 $\pm$ 2.119 χ^2 /NDF:682.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -199.781 $\pm$ 1.309 χ^2 /NDF: 2779.1/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -55.927 ± 2.631 χ^2/NDF : 87.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.810 ± 1.968 χ^2/NDF : 85.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

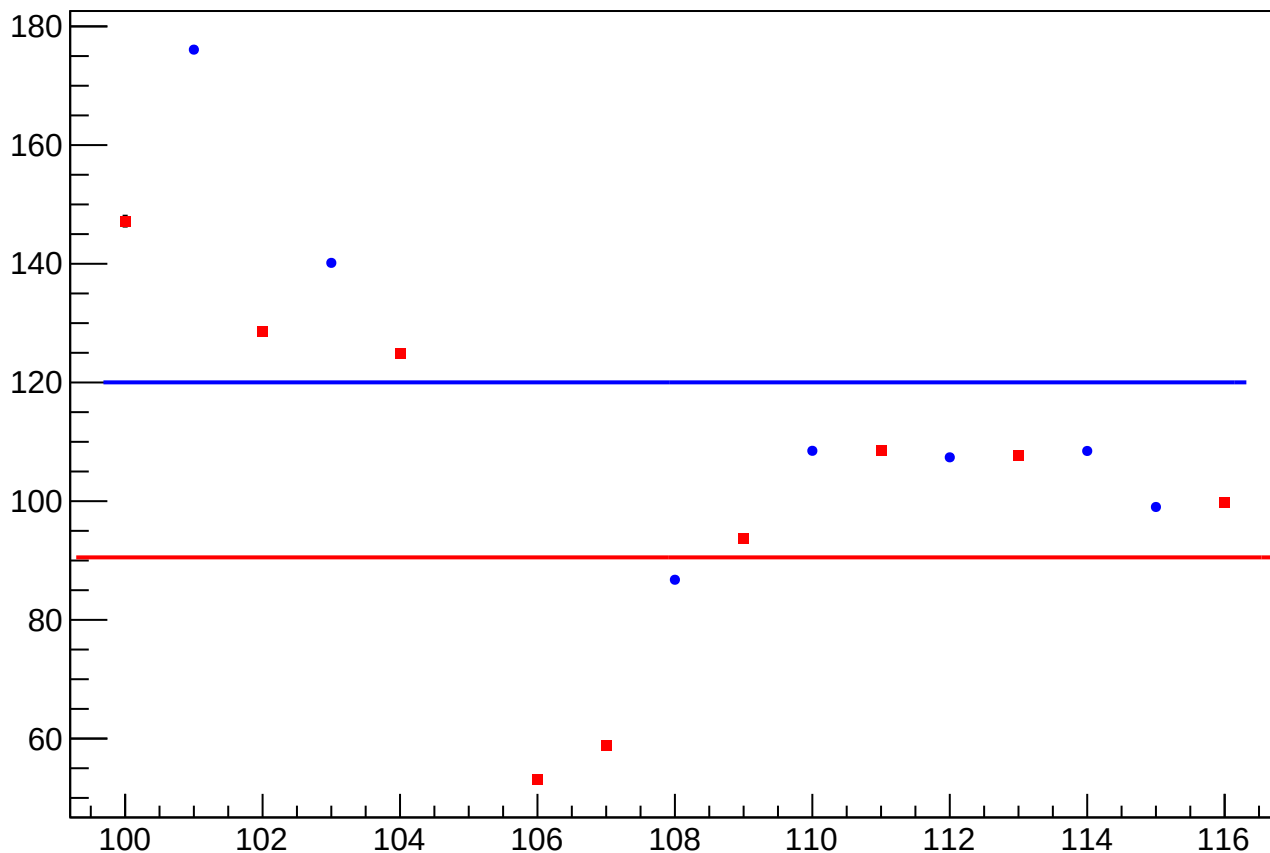
Right: -50.722 ± 1.576 χ^2/NDF : 178.9/15

In: -55.927 ± 2.631 χ^2/NDF : 87.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.722 ± 1.576 χ^2/NDF : 178.9/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.020 $\pm$ 0.123 χ^2 /NDF: 60551.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.531 $\pm$ 0.091 χ^2 /NDF: 118610.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

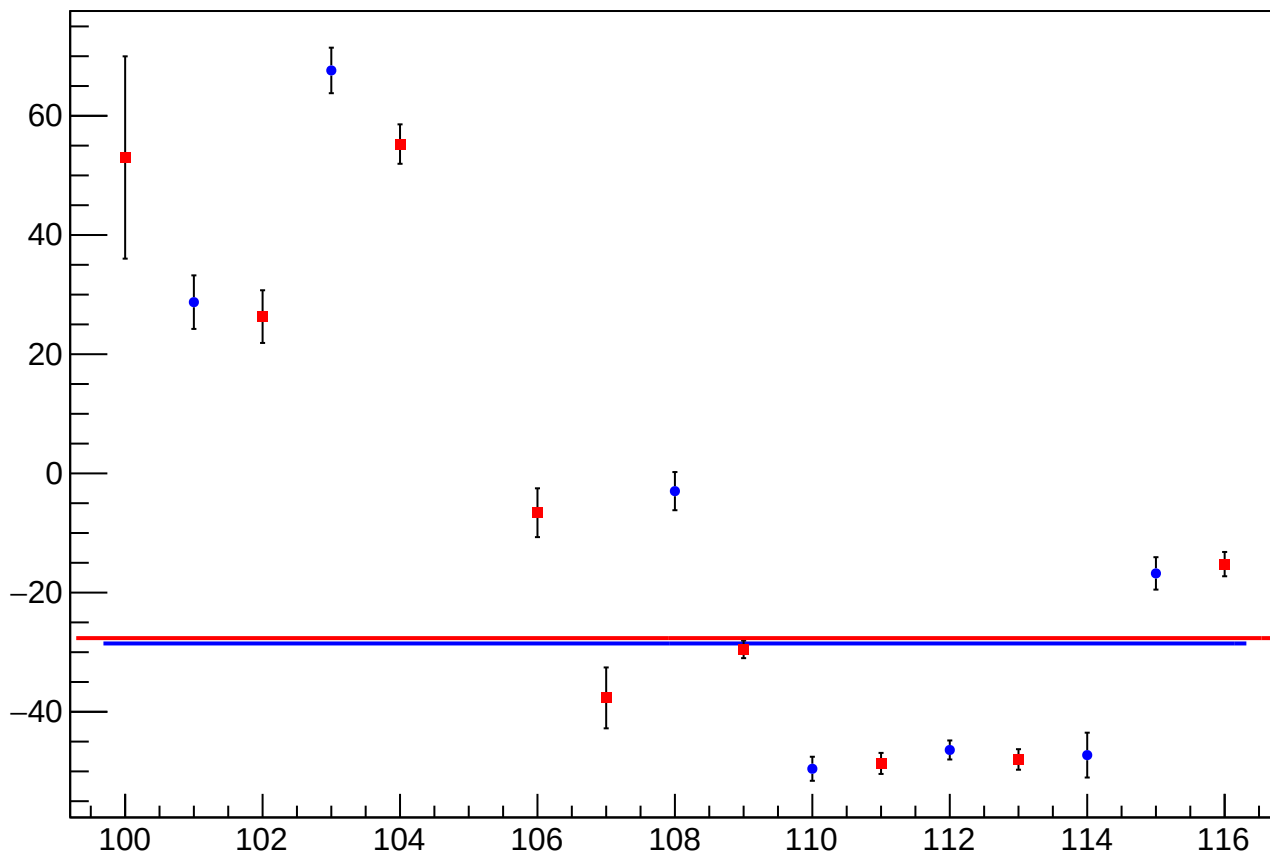
Right: 100.967 $\pm$ 0.073 χ^2 /NDF: 216462.0/15

In: 120.020 $\pm$ 0.123 χ^2 /NDF: 60551.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.967 $\pm$ 0.073 χ^2 /NDF: 216462.0/15

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.534 $\pm$ 0.971 χ^2 /NDF: 1137.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.637 $\pm$ 0.790 χ^2 /NDF: 1149.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

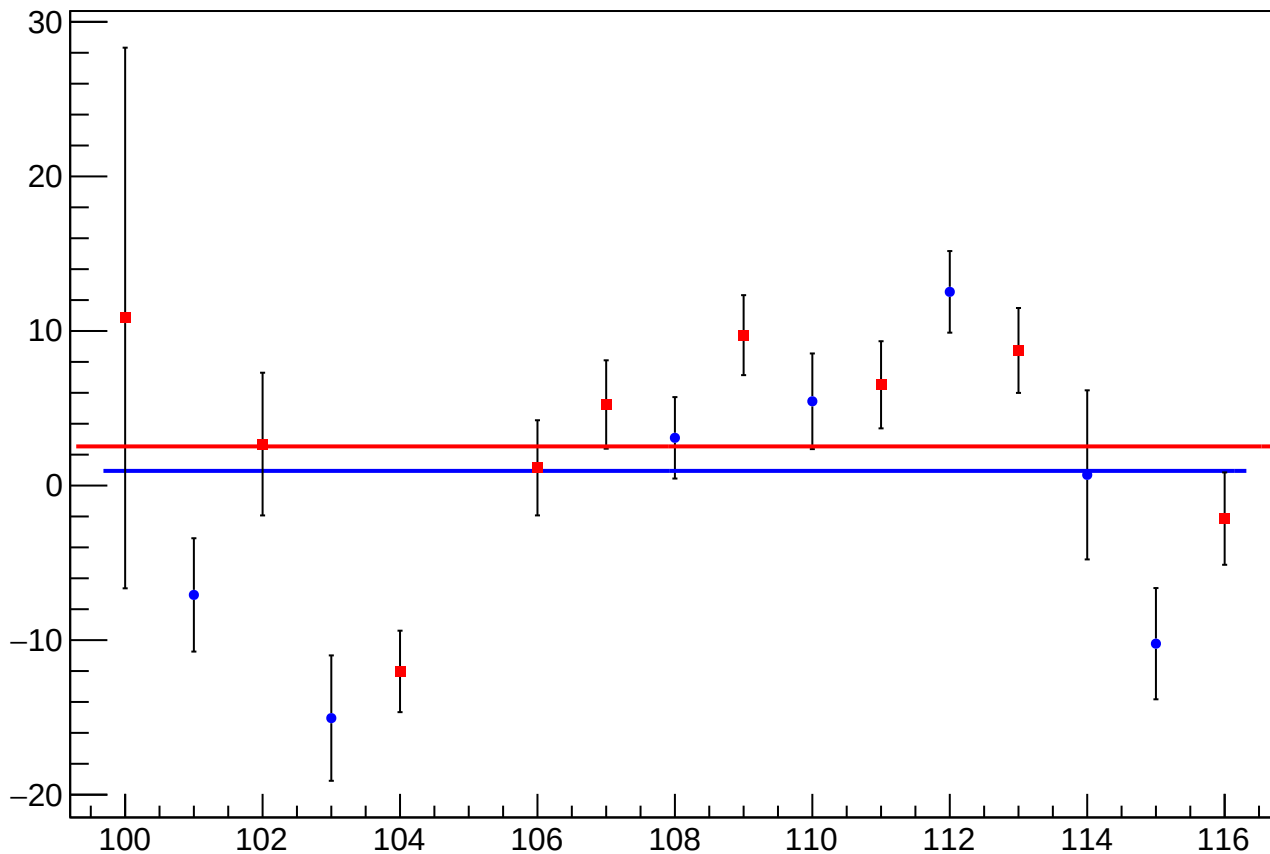
Right: -27.995 $\pm$ 0.613 χ^2 /NDF: 2287.6/15

In: -28.534 $\pm$ 0.971 χ^2 /NDF:1137.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.995 $\pm$ 0.613 χ^2 /NDF: 2287.6/15

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.949+/-1.252 χ^2/NDF : 52.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.533+/-1.030 χ^2/NDF : 49.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

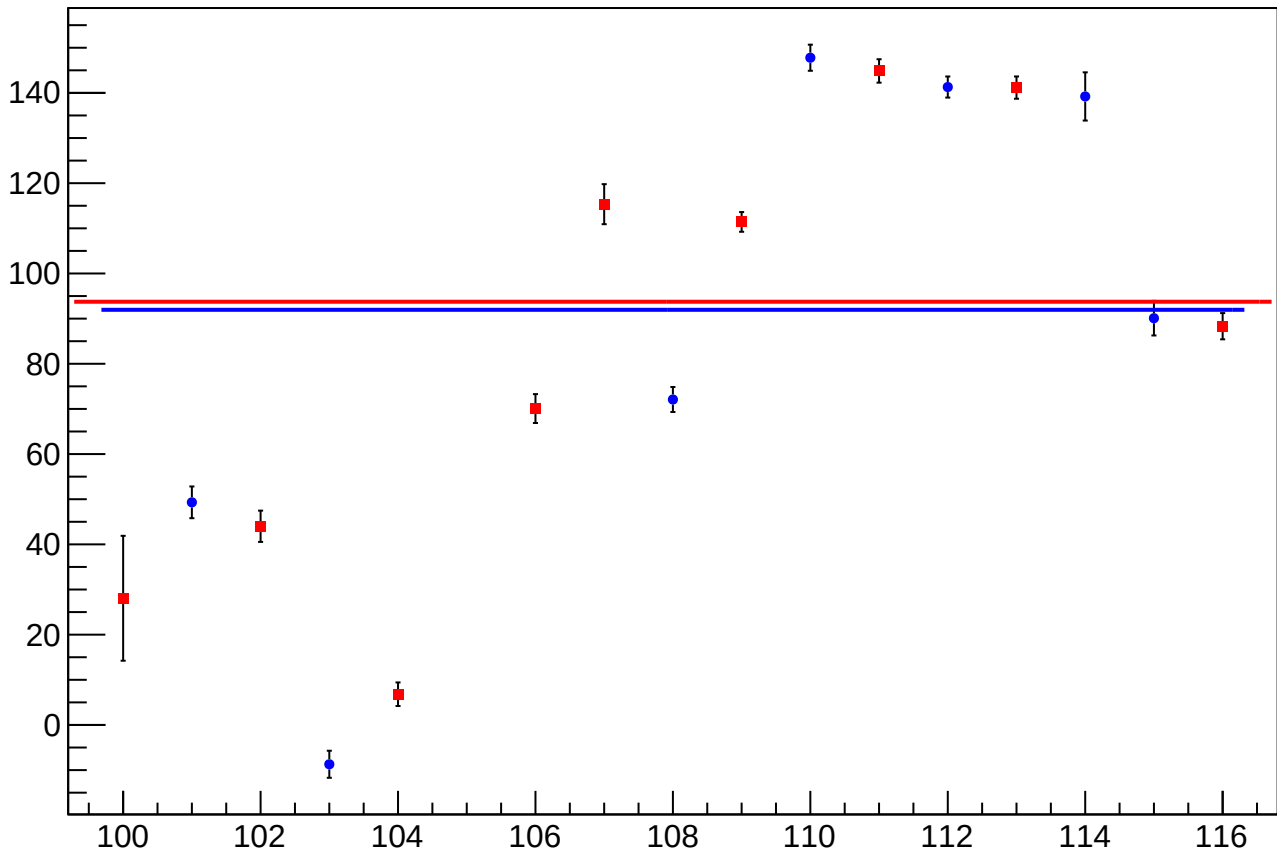
Right: 1.893+/-0.796 χ^2/NDF : 102.1/15

In: 0.949+/-1.252 χ^2/NDF : 52.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.893+/-0.796 χ^2/NDF : 102.1/15

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 91.955+/-1.171 χ^2/NDF : 2224.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 93.742+/-0.988 χ^2/NDF : 2243.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

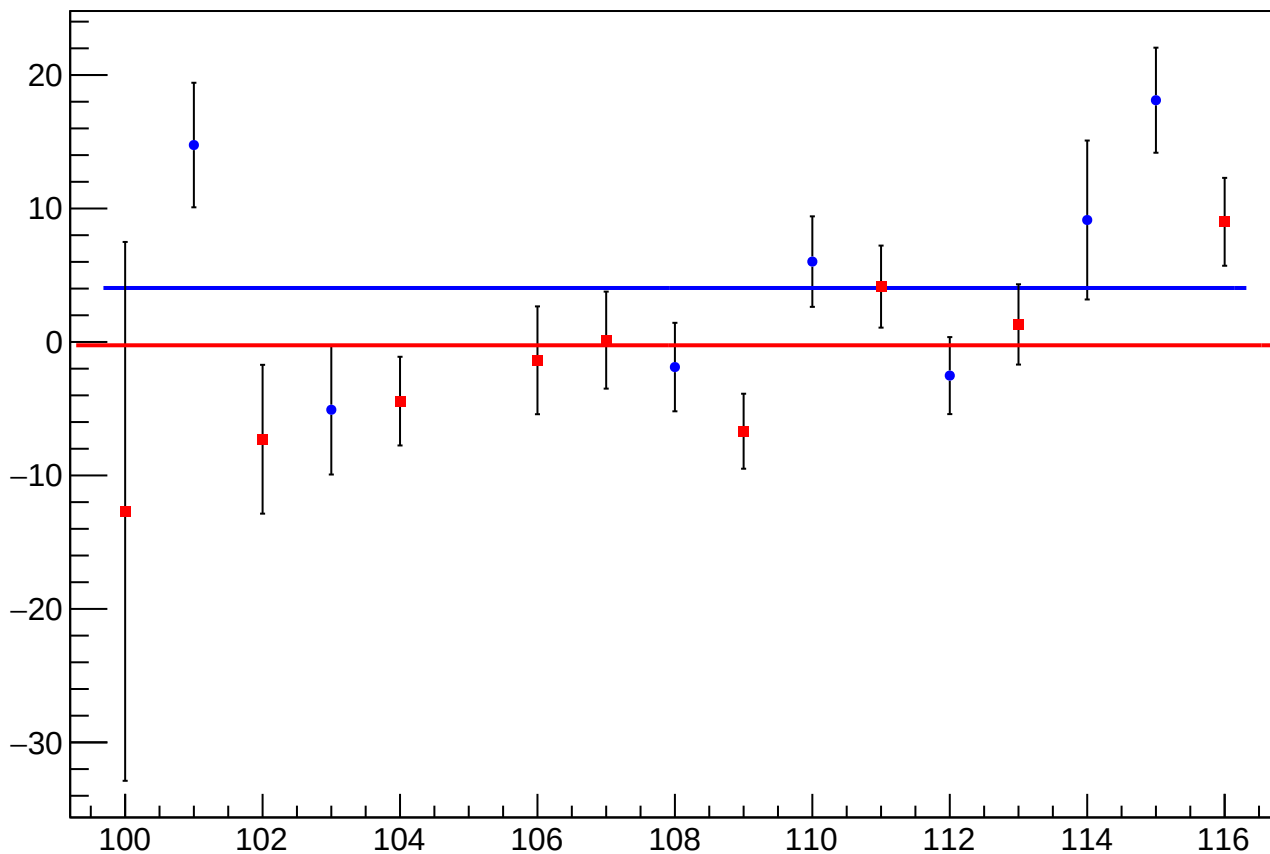
Right: 92.999+/-0.755 χ^2/NDF : 4469.7/15

In: 91.955+/-1.171 χ^2/NDF :2224.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.999+/-0.755 χ^2/NDF : 4469.7/15

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.045+/-1.444 χ^2/NDF : 31.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.248+/-1.197 χ^2/NDF : 19.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

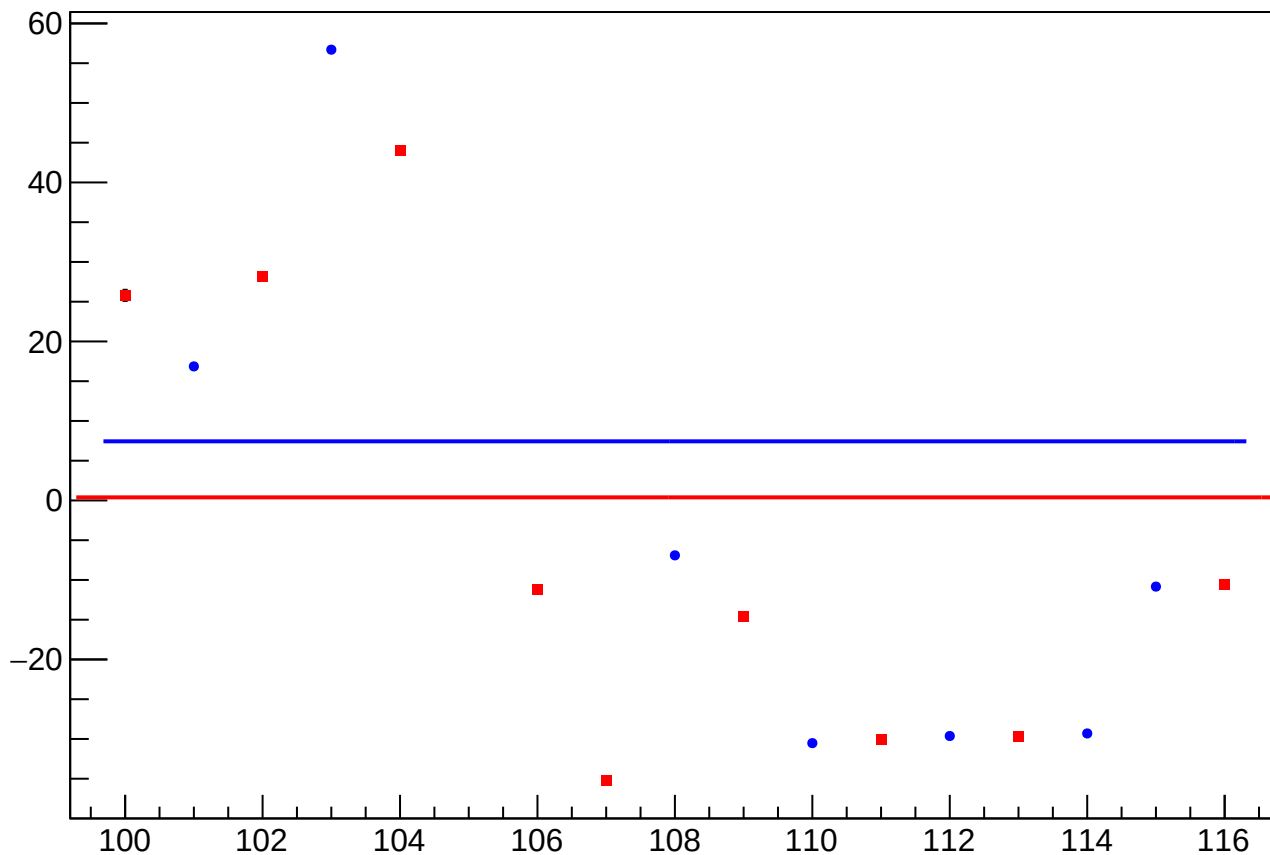
Right: 1.500+/-0.922 χ^2/NDF : 55.4/15

In: 4.045+/-1.444 χ^2/NDF : 31.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.500+/-0.922 χ^2/NDF : 55.4/15

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.437+/-0.066 χ^2/NDF : 249614.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.389+/-0.058 χ^2/NDF : 259570.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

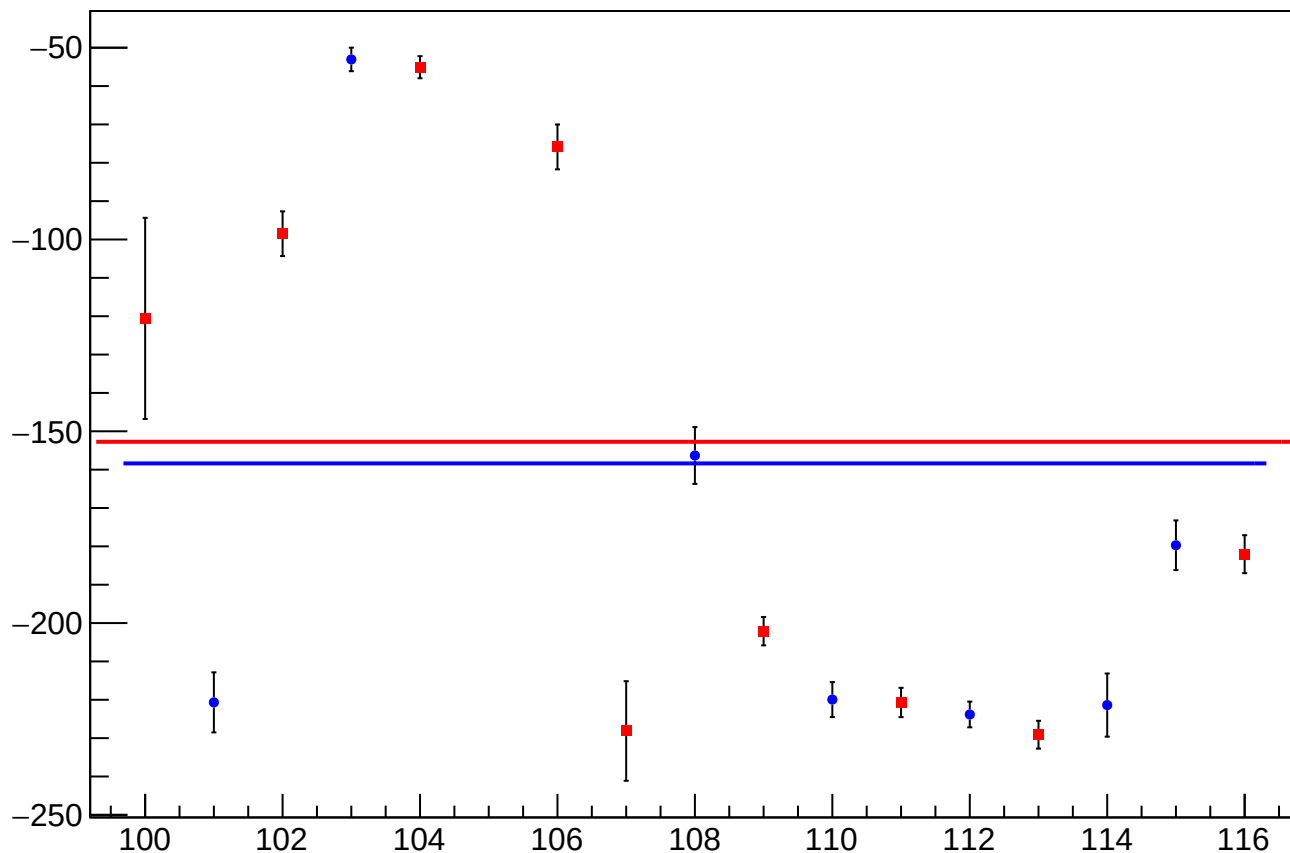
Right: 3.469+/-0.044 χ^2/NDF : 515612.0/15

In: 7.437+/-0.066 χ^2/NDF : 249614.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.469+/-0.044 χ^2/NDF : 515612.0/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -158.375+/-1.778 χ^2/NDF : 1874.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.741+/-1.499 χ^2/NDF : 2420.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

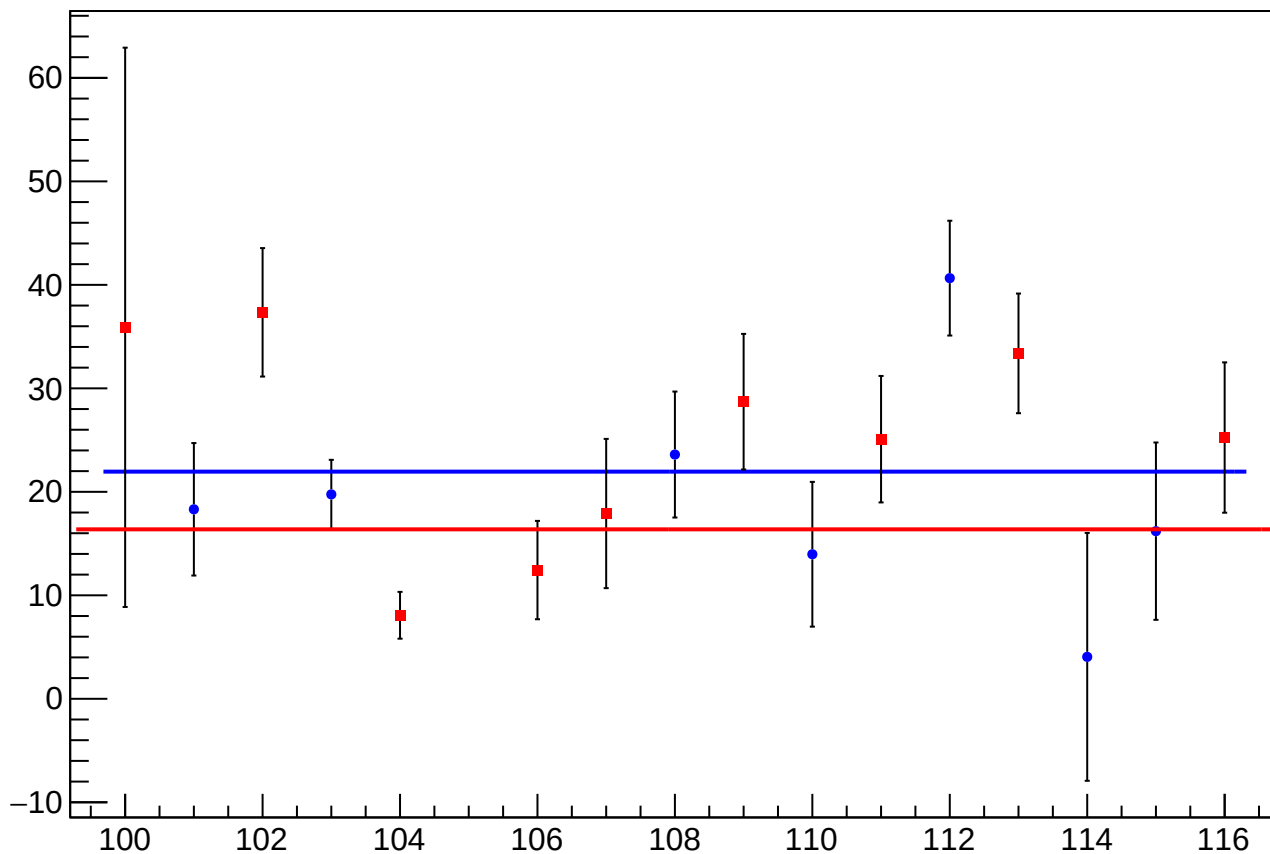
Right: -155.081+/-1.146 χ^2/NDF : 4301.2/15

In: -158.375+/-1.778 χ^2/NDF : 1874.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.081+/-1.146 χ^2/NDF : 4301.2/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.951+/-2.158 χ^2/NDF : 16.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.375+/-1.611 χ^2/NDF : 41.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

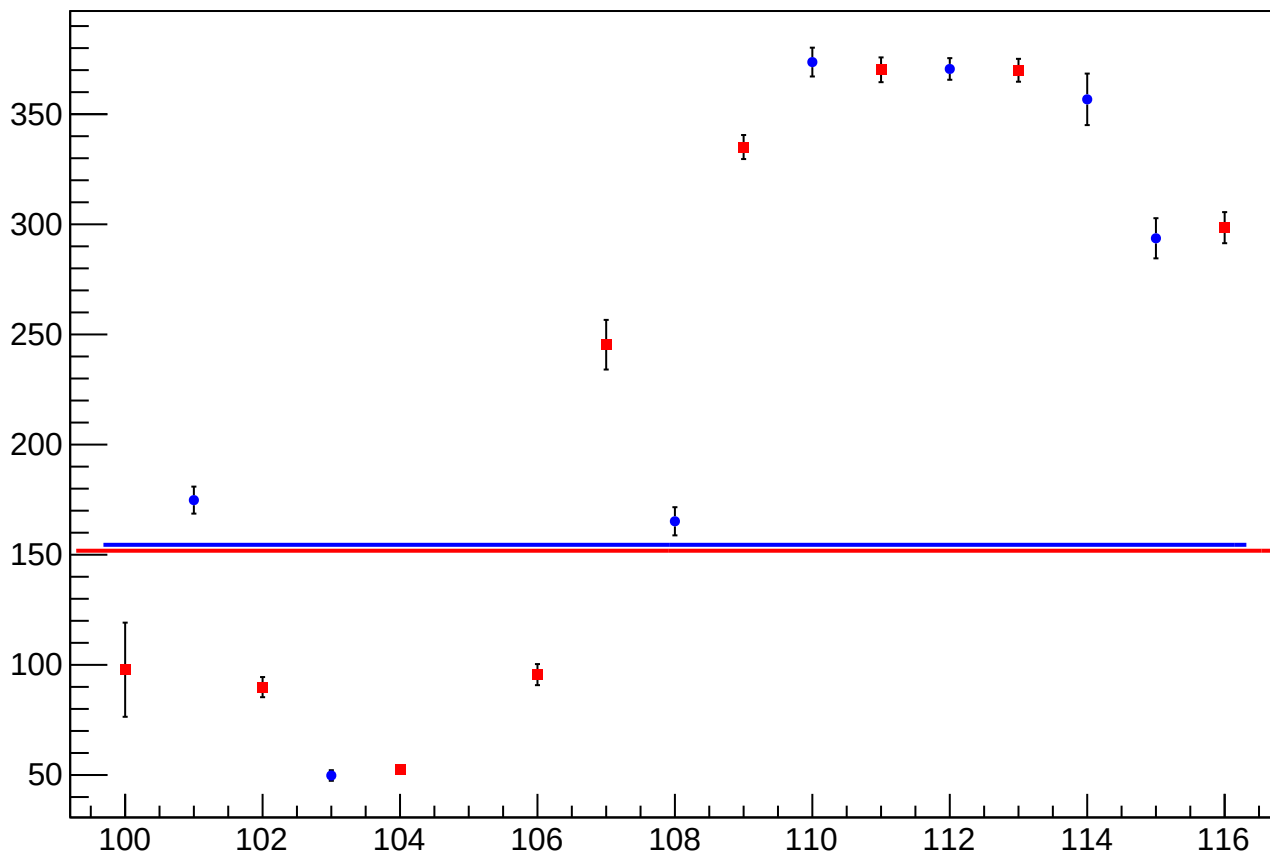
Right: 18.371+/-1.291 χ^2/NDF : 62.3/15

In: 21.951+/-2.158 χ^2/NDF : 16.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.371+/-1.291 χ^2/NDF : 62.3/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 154.507+/-1.803 χ^2/NDF : 5493.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.819+/-1.546 χ^2/NDF : 7142.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

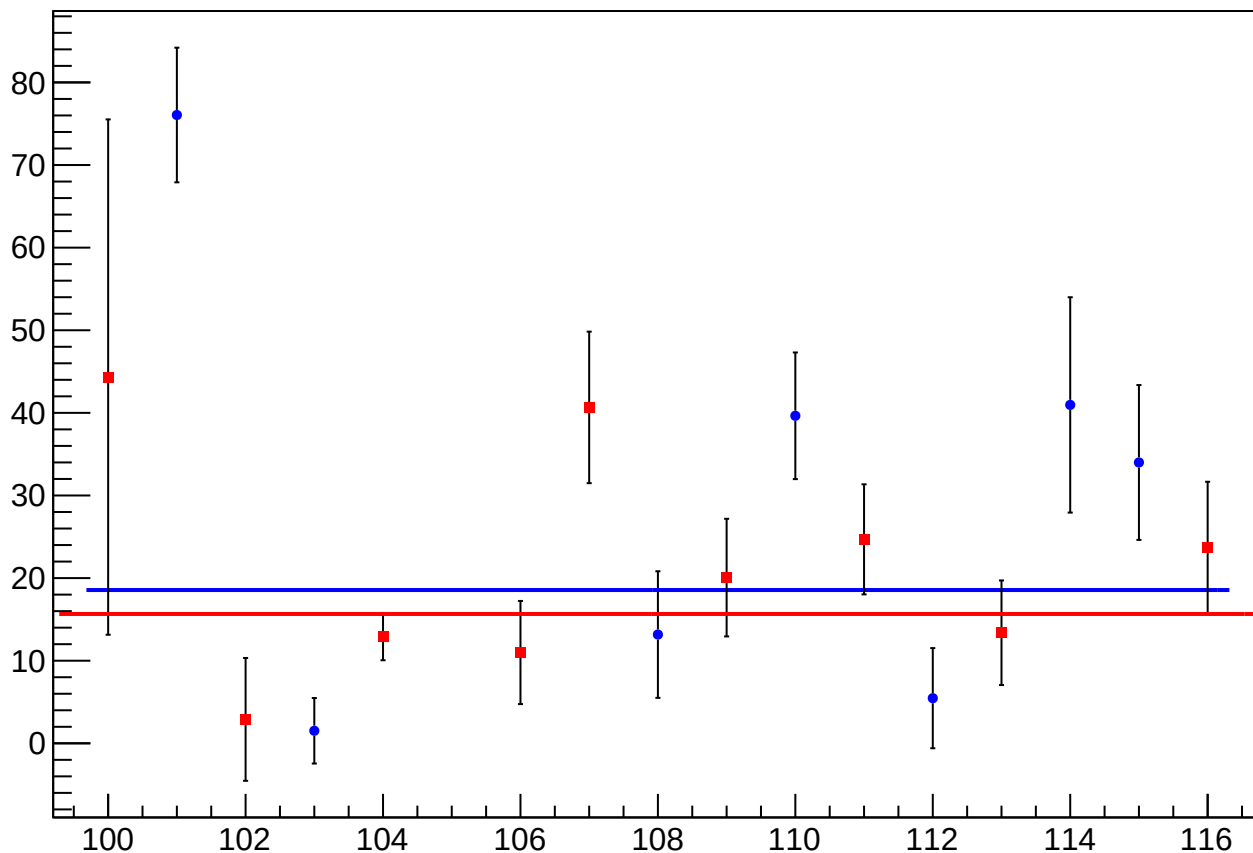
Right: 152.958+/-1.174 χ^2/NDF : 12636.4/15

In: 154.507+/-1.803 χ^2/NDF : 5493.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.958+/-1.174 χ^2/NDF : 12636.4/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.555+/-2.522 χ^2/NDF : 86.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.657+/-1.955 χ^2/NDF : 16.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

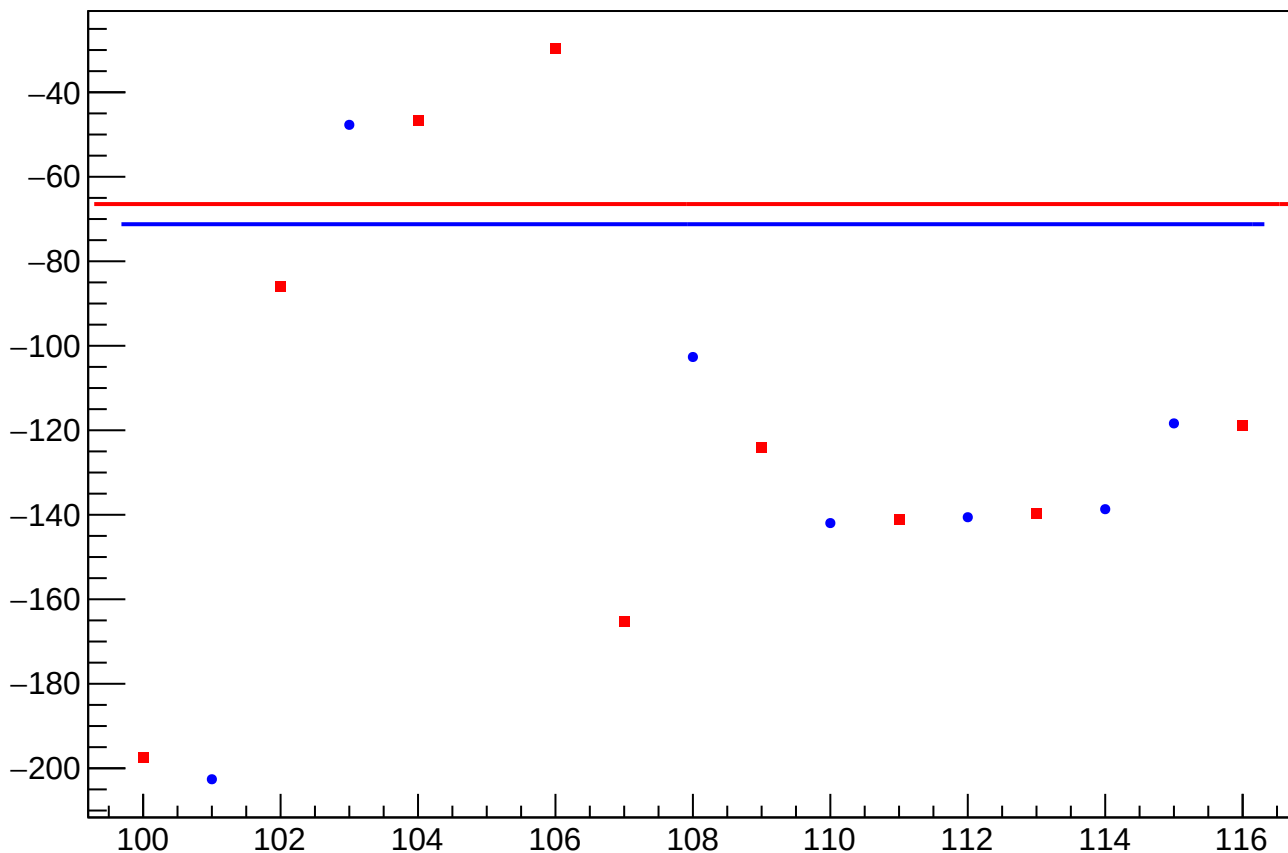
Right: 16.745+/-1.545 χ^2/NDF : 103.5/15

In: 18.555+/-2.522 χ^2/NDF : 86.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.745+/-1.545 χ^2/NDF : 103.5/15

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -71.227+/-0.086 χ^2/NDF : 258869.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.459+/-0.078 χ^2/NDF : 232012.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

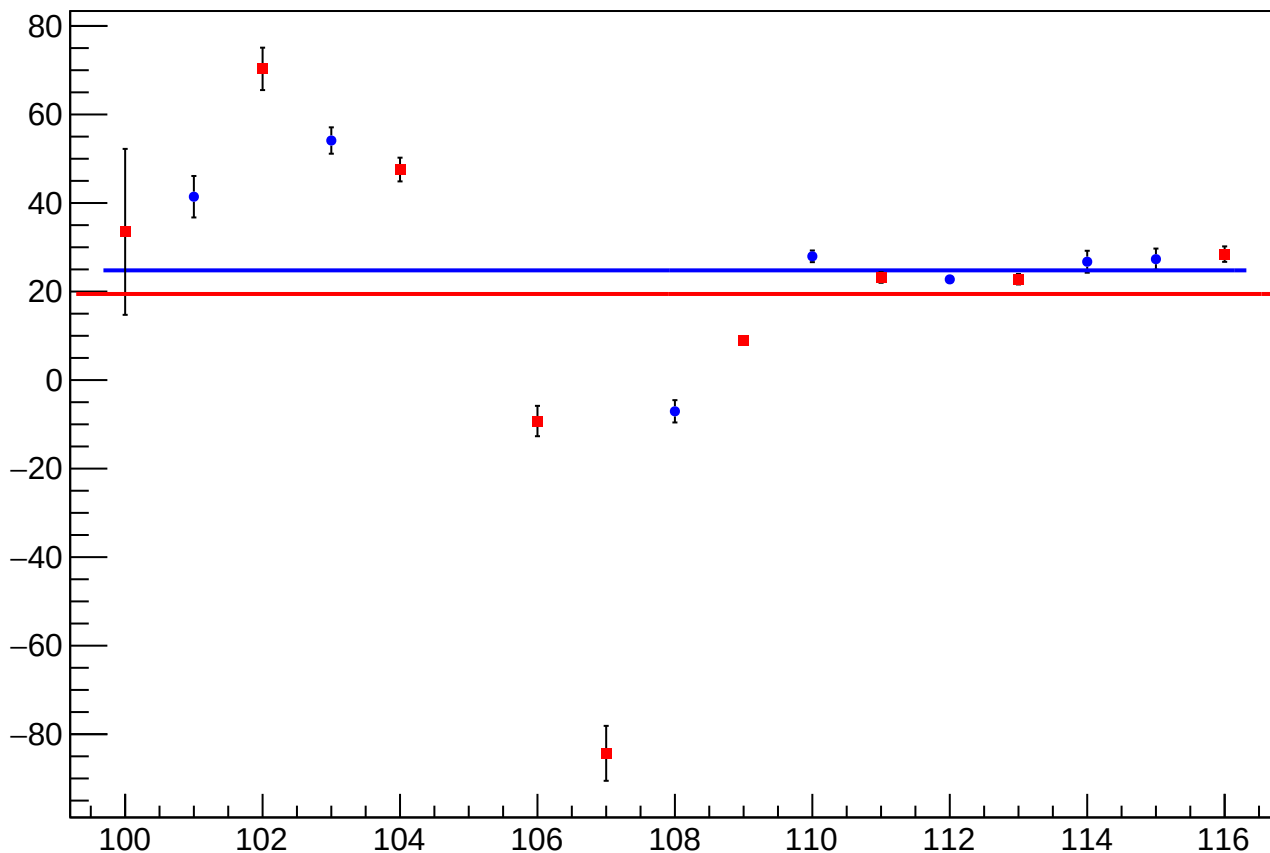
Right: -68.621+/-0.058 χ^2/NDF : 492558.8/15

In: -71.227+/-0.086 χ^2/NDF : 258869.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.621+/-0.058 χ^2/NDF : 492558.8/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.784 $\pm$ 0.701 χ^2 /NDF: 279.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.450 $\pm$ 0.589 χ^2 /NDF: 710.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

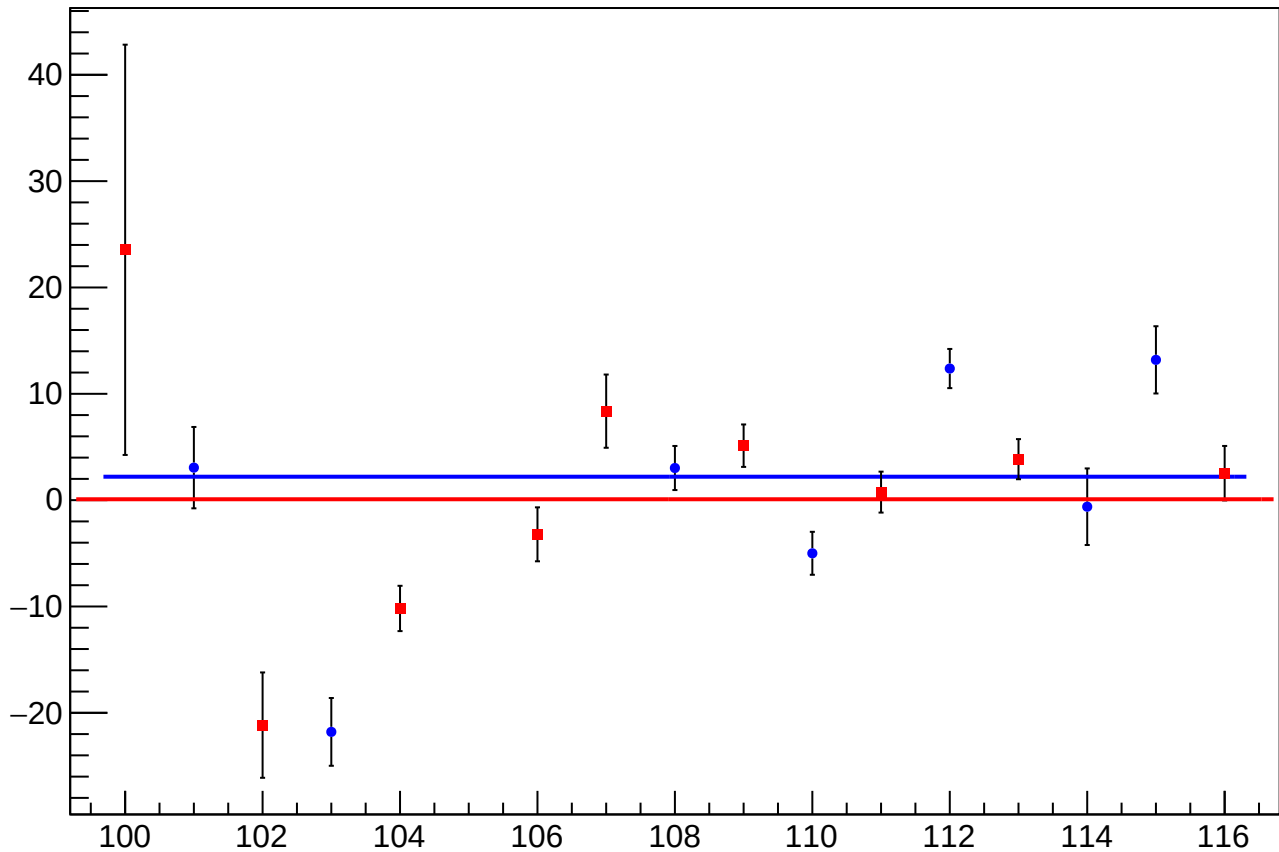
Right: 21.659 $\pm$ 0.451 χ^2 /NDF: 1024.7/15

In: 24.784 $\pm$ 0.701 χ^2 /NDF: 279.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.659 $\pm$ 0.451 χ^2 /NDF: 1024.7/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.204+/-0.946 χ^2/NDF : 112.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.084+/-0.828 χ^2/NDF : 62.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

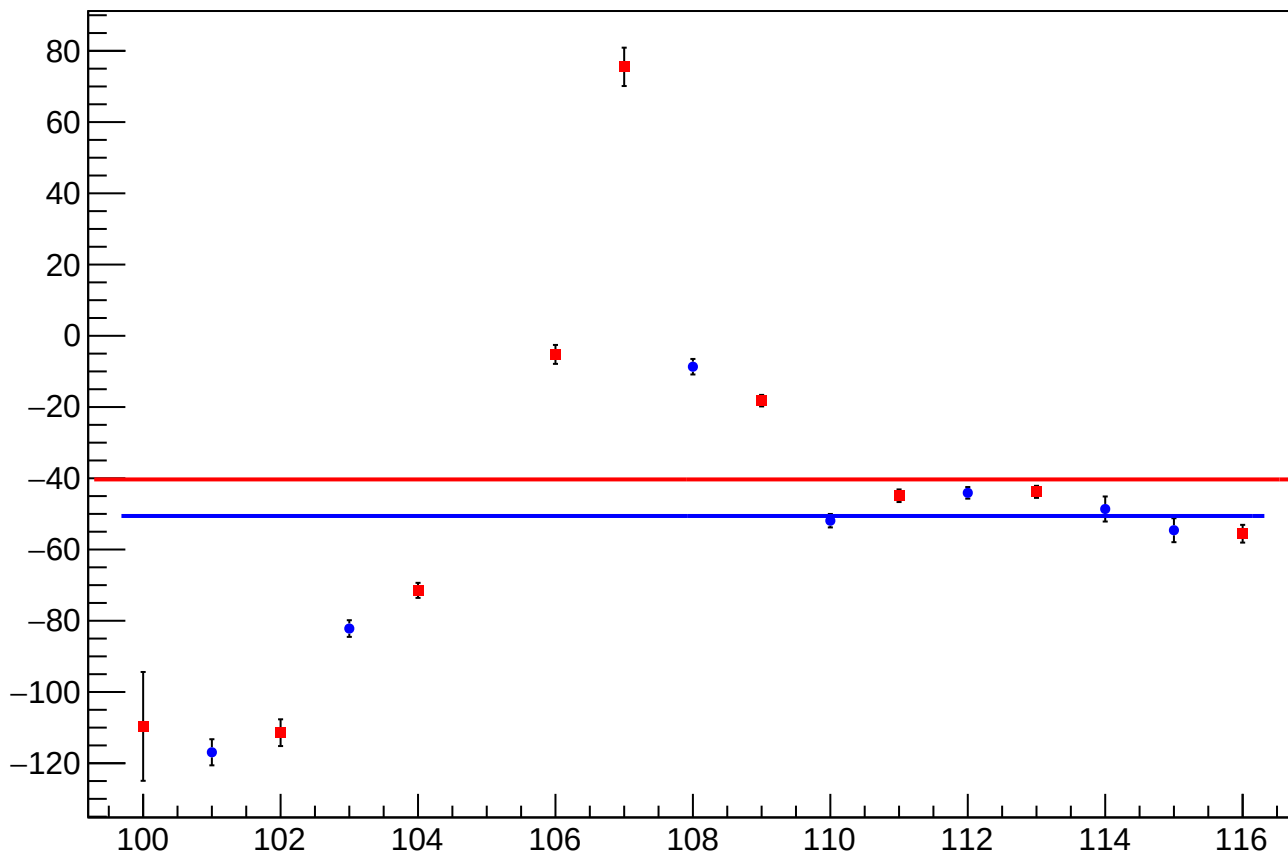
Right: 1.004+/-0.623 χ^2/NDF : 177.6/15

In: 2.204+/-0.946 χ^2/NDF : 112.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.004+/-0.623 χ^2/NDF : 177.6/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.583+/-0.879 χ^2/NDF : 898.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.322+/-0.770 χ^2/NDF : 1469.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

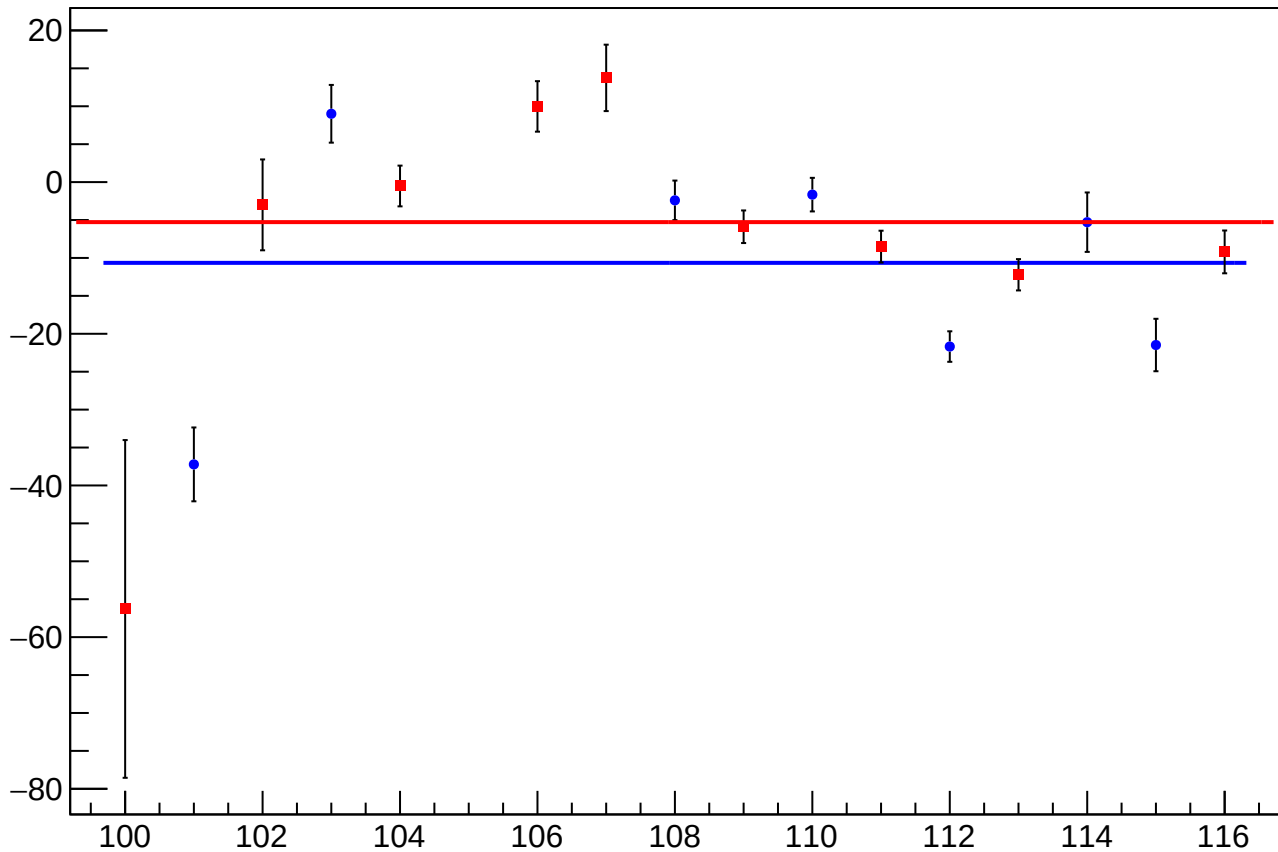
Right: -44.778+/-0.579 χ^2/NDF : 2445.0/15

In: -50.583+/-0.879 χ^2/NDF : 898.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.778+/-0.579 χ^2/NDF : 2445.0/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.647+/-1.079 χ^2/NDF : 124.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.276+/-0.947 χ^2/NDF : 64.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

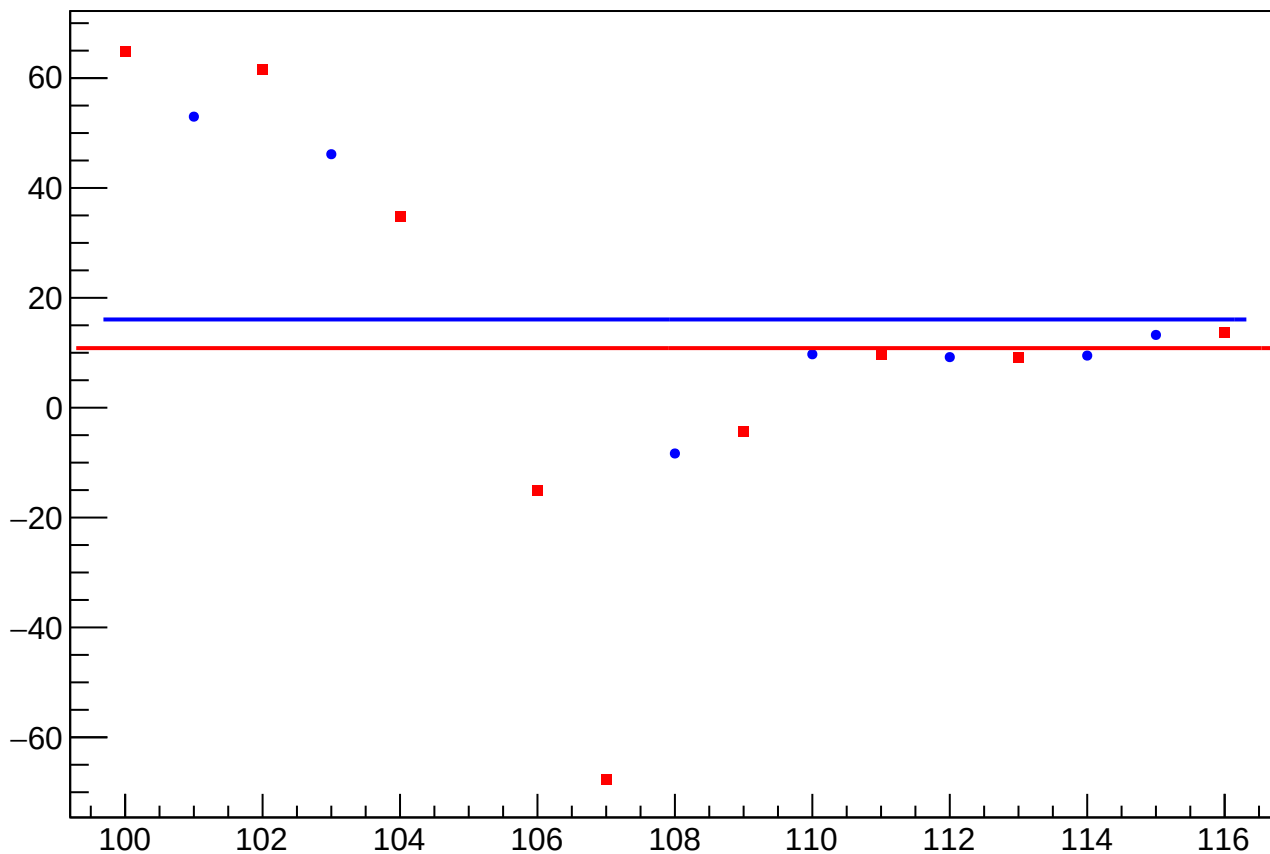
Right: -7.612+/-0.712 χ^2/NDF : 202.8/15

In: -10.647+/-1.079 χ^2/NDF : 124.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.612+/-0.712 χ^2/NDF : 202.8/15

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.060 $\pm$ 0.051 χ^2 /NDF: 204069.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.846 $\pm$ 0.048 χ^2 /NDF: 342255.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

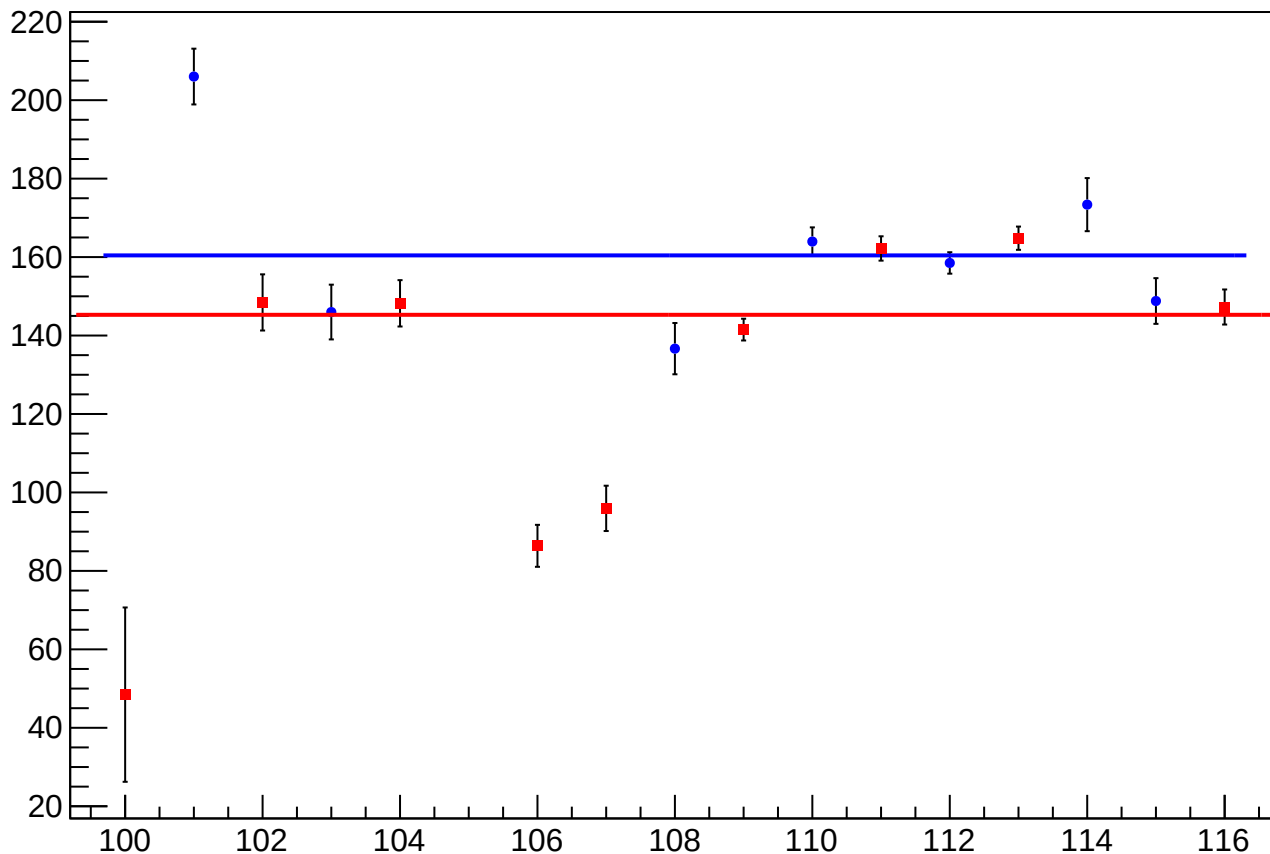
Right: 13.312 $\pm$ 0.035 χ^2 /NDF: 551829.1/15

In: 16.060 $\pm$ 0.051 χ^2 /NDF:204069.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.312 $\pm$ 0.035 χ^2 /NDF: 551829.1/15

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.430+/-1.753 χ^2/NDF : 67.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.283+/-1.396 χ^2/NDF : 288.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

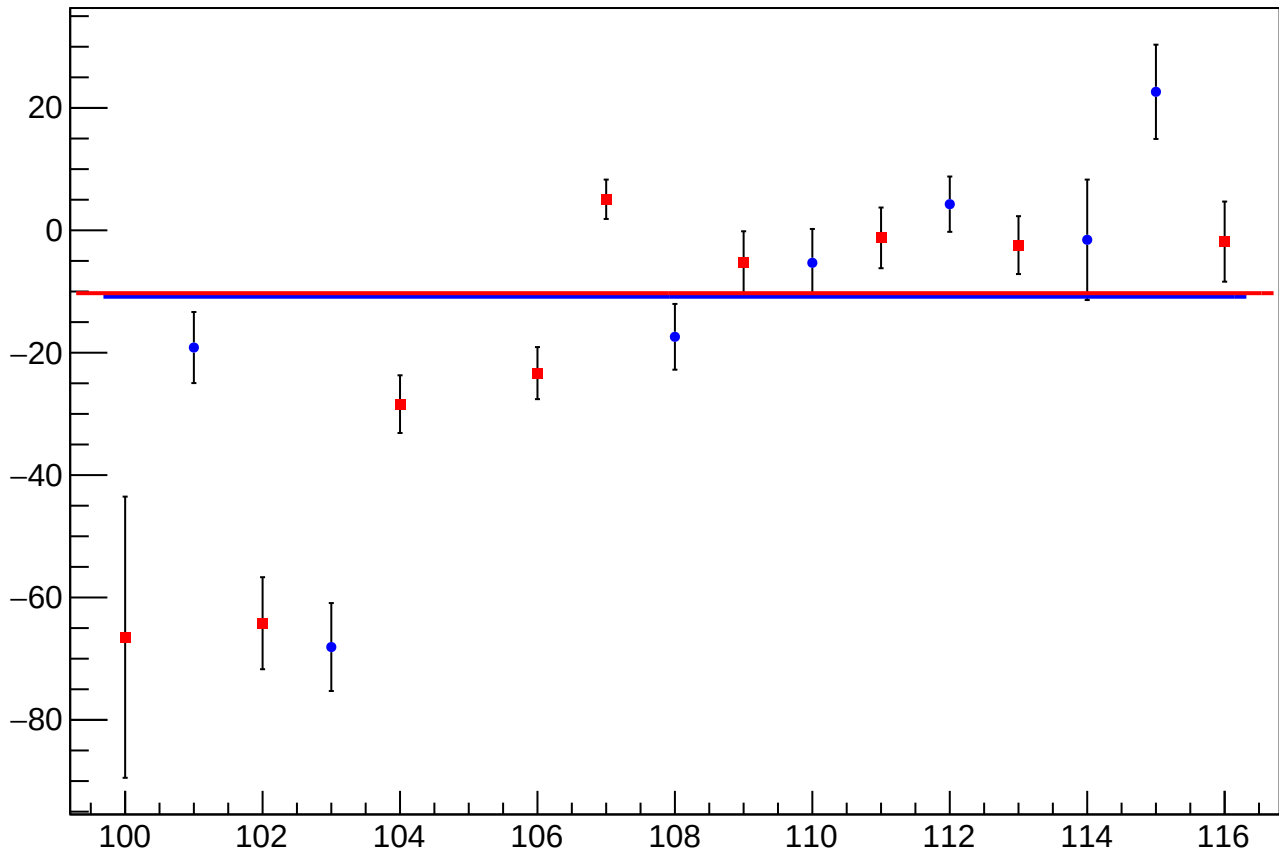
Right: 151.165+/-1.092 χ^2/NDF : 402.1/15

In: 160.430+/-1.753 χ^2/NDF : 67.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.165+/-1.092 χ^2/NDF : 402.1/15

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.850+/-2.280 χ^2/NDF : 99.0/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -10.272+/-1.656 χ^2/NDF : 113.2/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

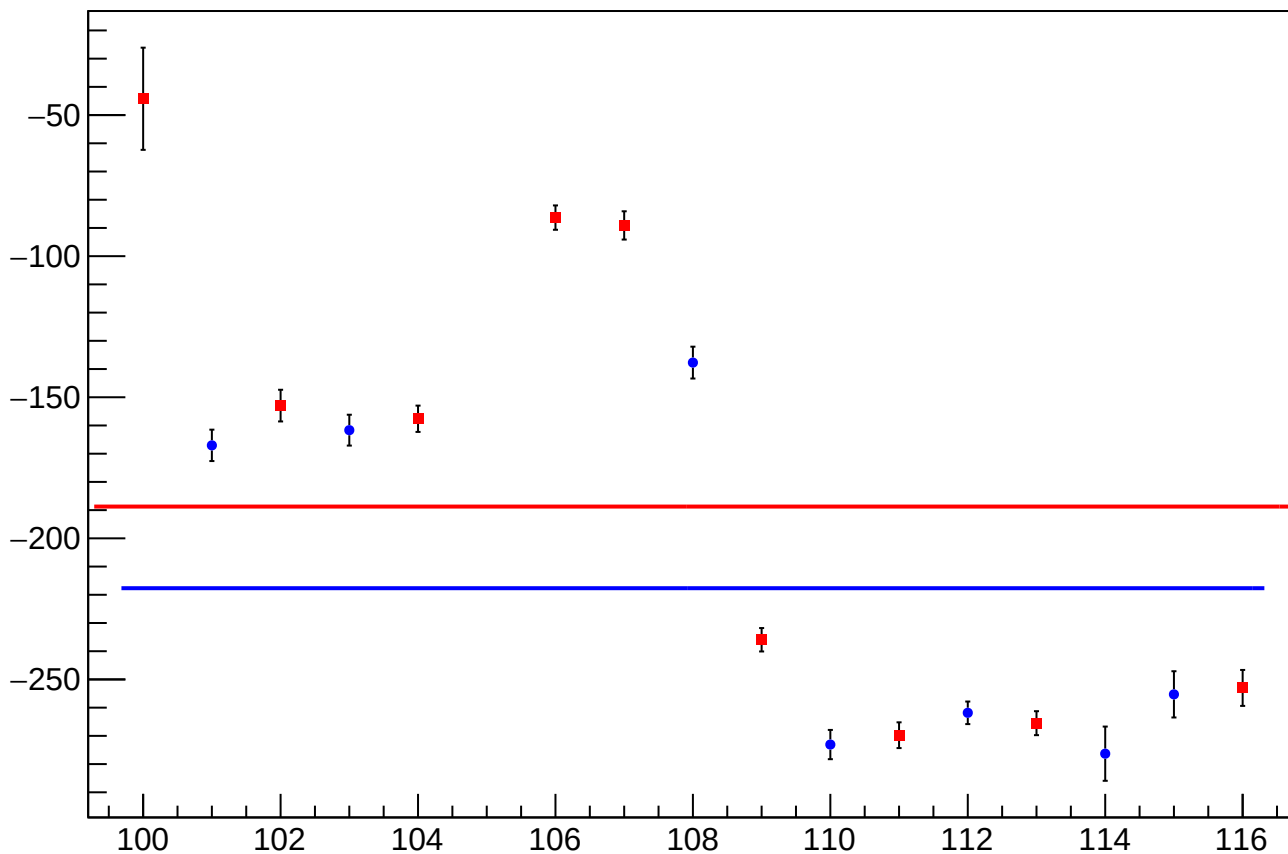
Right: -10.472+/-1.340 χ^2/NDF : 212.2/15

In: -10.850+/-2.280 χ^2/NDF :99.0/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.472+/-1.340 χ^2/NDF : 212.2/15

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -217.668+/-2.119 χ^2/NDF : 682.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.738+/-1.665 χ^2/NDF : 1981.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

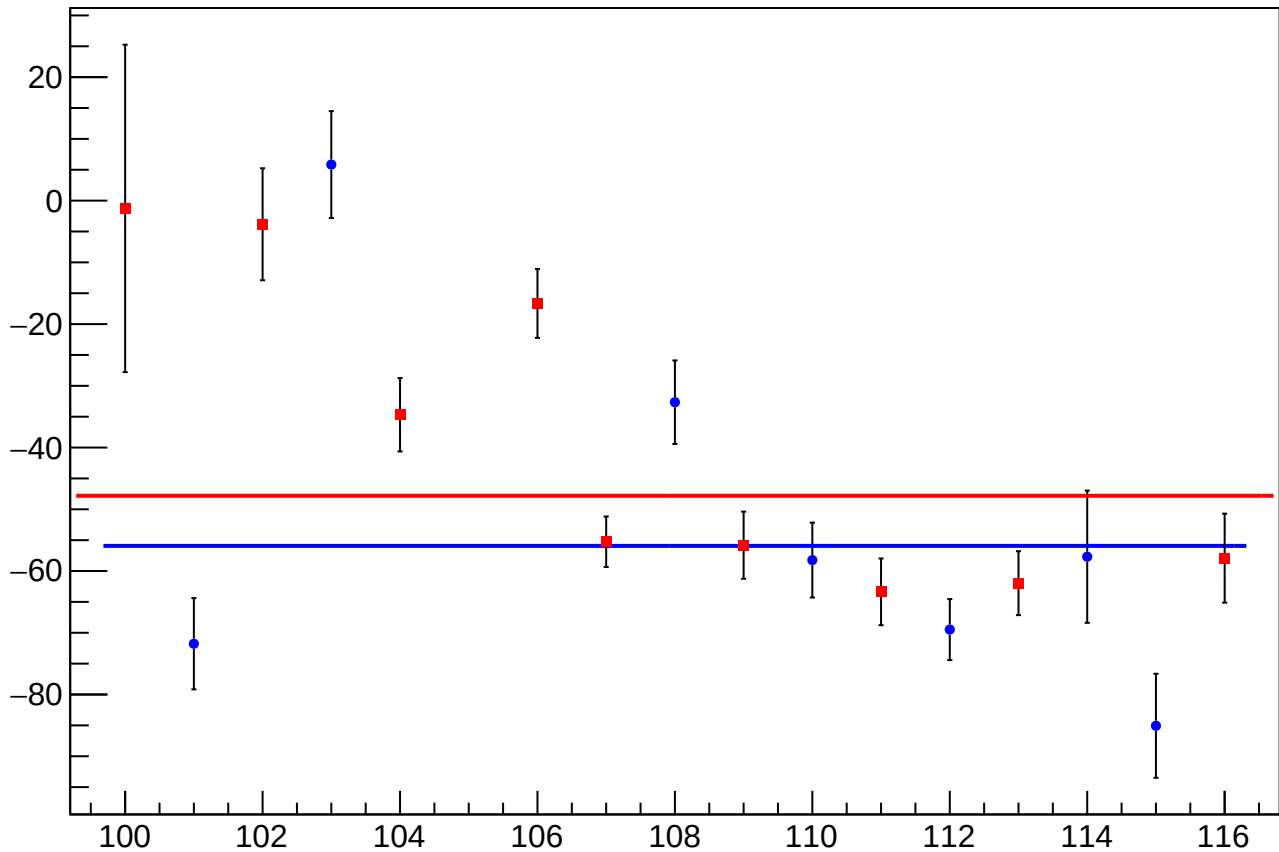
Right: -199.781+/-1.309 χ^2/NDF : 2779.1/15

In: -217.668+/-2.119 χ^2/NDF : 682.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.781+/-1.309 χ^2/NDF : 2779.1/15

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -55.927 ± 2.631 χ^2/NDF : 87.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.810 ± 1.968 χ^2/NDF : 85.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

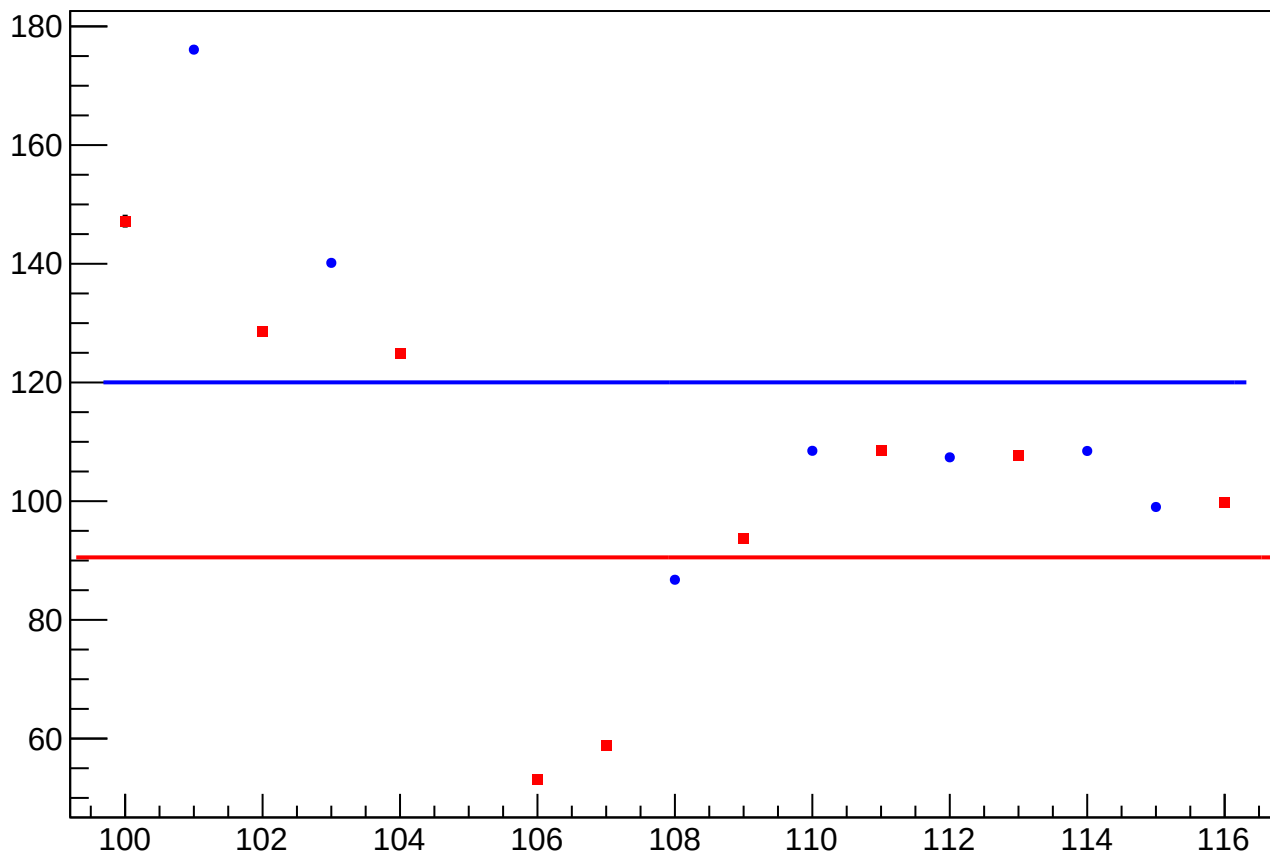
Right: -50.722 ± 1.576 χ^2/NDF : 178.9/15

In: -55.927 ± 2.631 χ^2/NDF : 87.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.722 ± 1.576 χ^2/NDF : 178.9/15

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.020 $\pm$ 0.123 χ^2 /NDF: 60551.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.531 $\pm$ 0.091 χ^2 /NDF: 118610.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

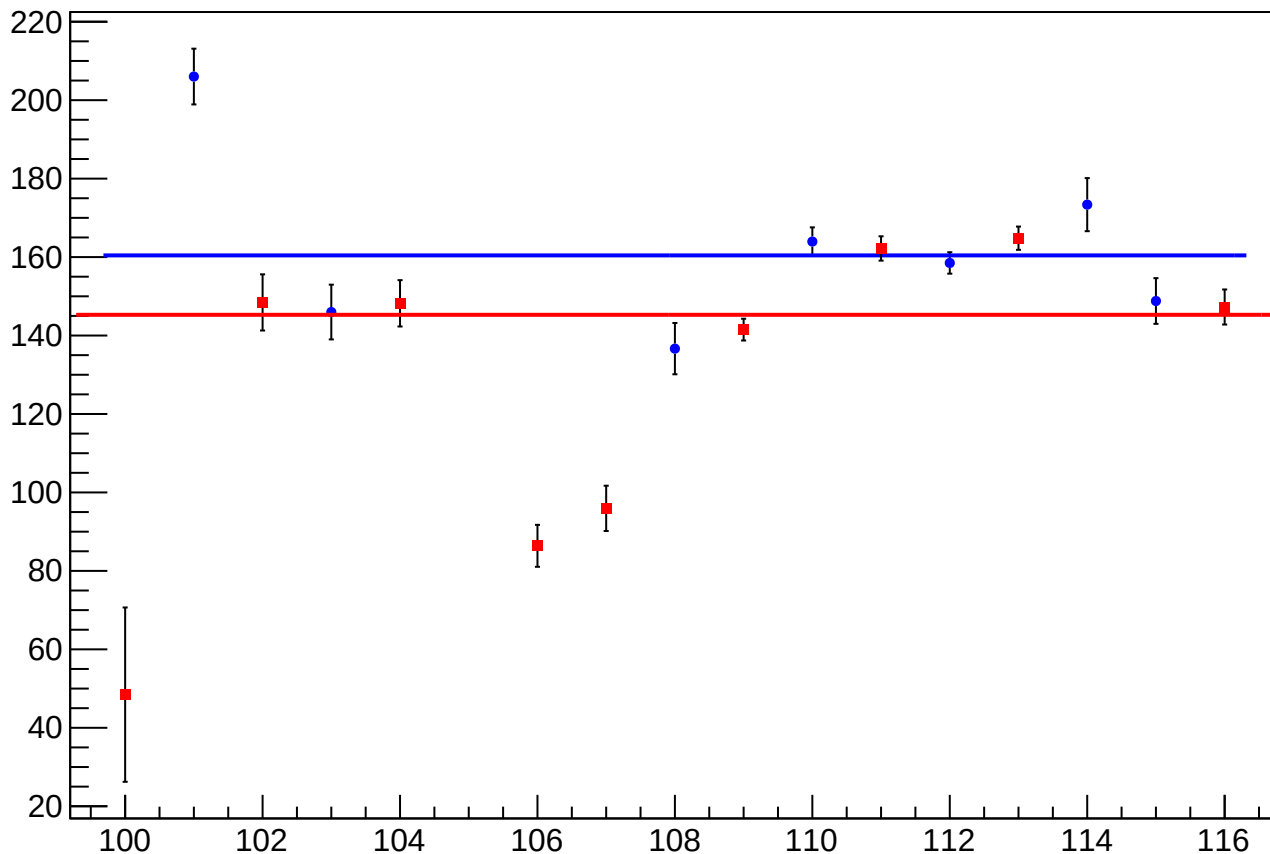
Right: 100.967 $\pm$ 0.073 χ^2 /NDF: 216462.0/15

In: 120.020 $\pm$ 0.123 χ^2 /NDF:60551.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.967 $\pm$ 0.073 χ^2 /NDF: 216462.0/15

reg_asym_atl1r2_dd_atl2r1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.430 $\pm$ 1.753 χ^2 /NDF: 67.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.283 $\pm$ 1.396 χ^2 /NDF: 288.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

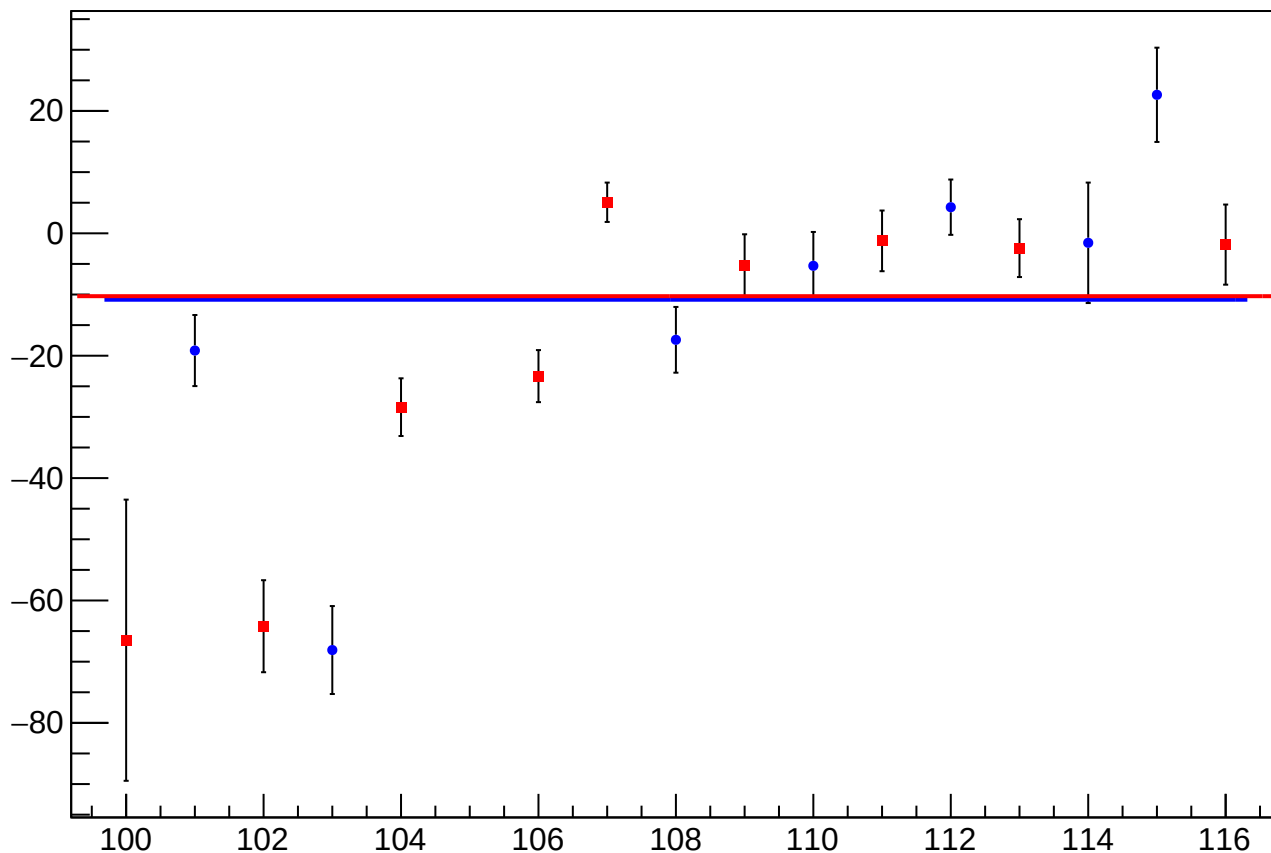
Right: 151.165 $\pm$ 1.092 χ^2 /NDF: 402.1/15

In: 160.430 $\pm$ 1.753 χ^2 /NDF: 67.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.165 $\pm$ 1.092 χ^2 /NDF: 402.1/15

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.850+/-2.280 χ^2/NDF : 99.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.272+/-1.656 χ^2/NDF : 113.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

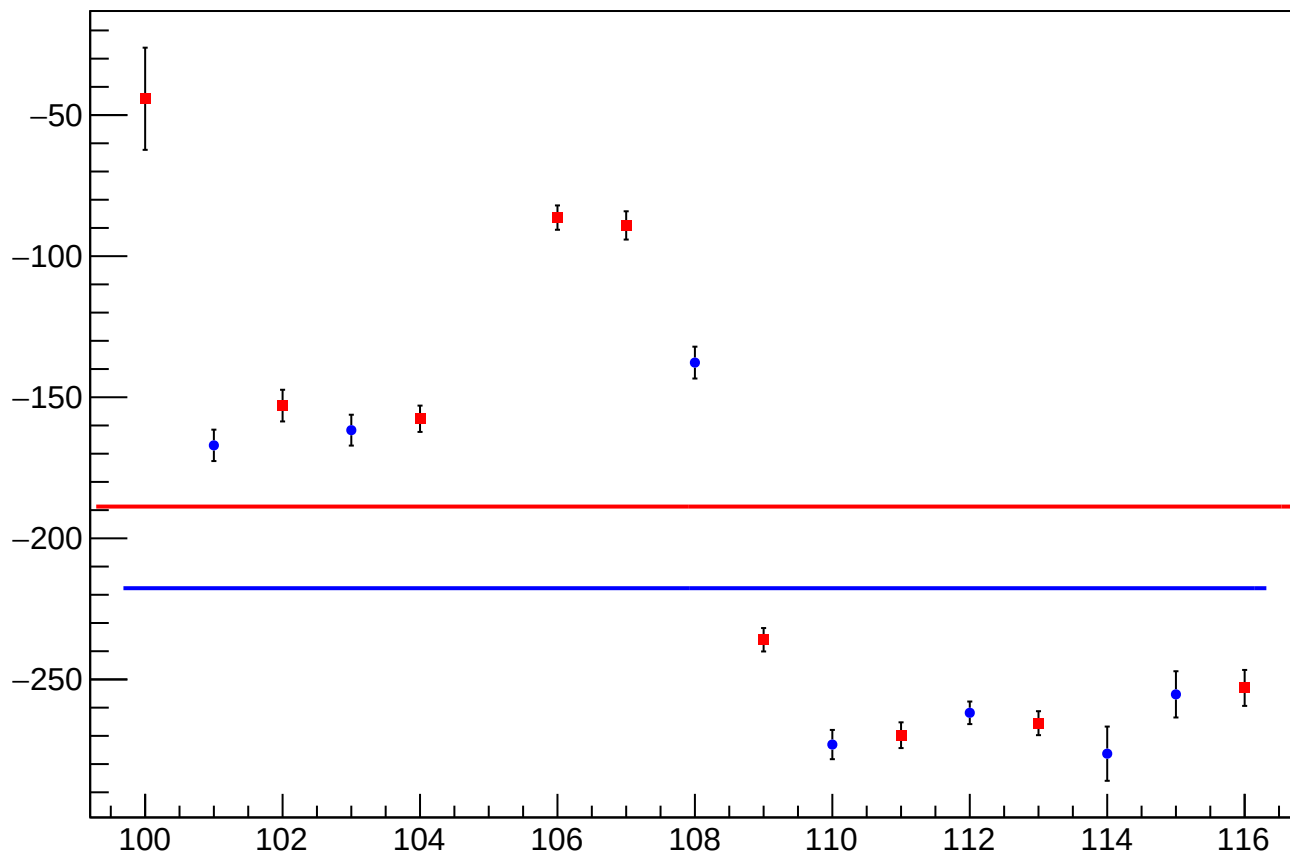
Right: -10.472+/-1.340 χ^2/NDF : 212.2/15

In: -10.850+/-2.280 χ^2/NDF : 99.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.472+/-1.340 χ^2/NDF : 212.2/15

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -217.668+/-2.119 χ^2/NDF : 682.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.738+/-1.665 χ^2/NDF : 1981.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

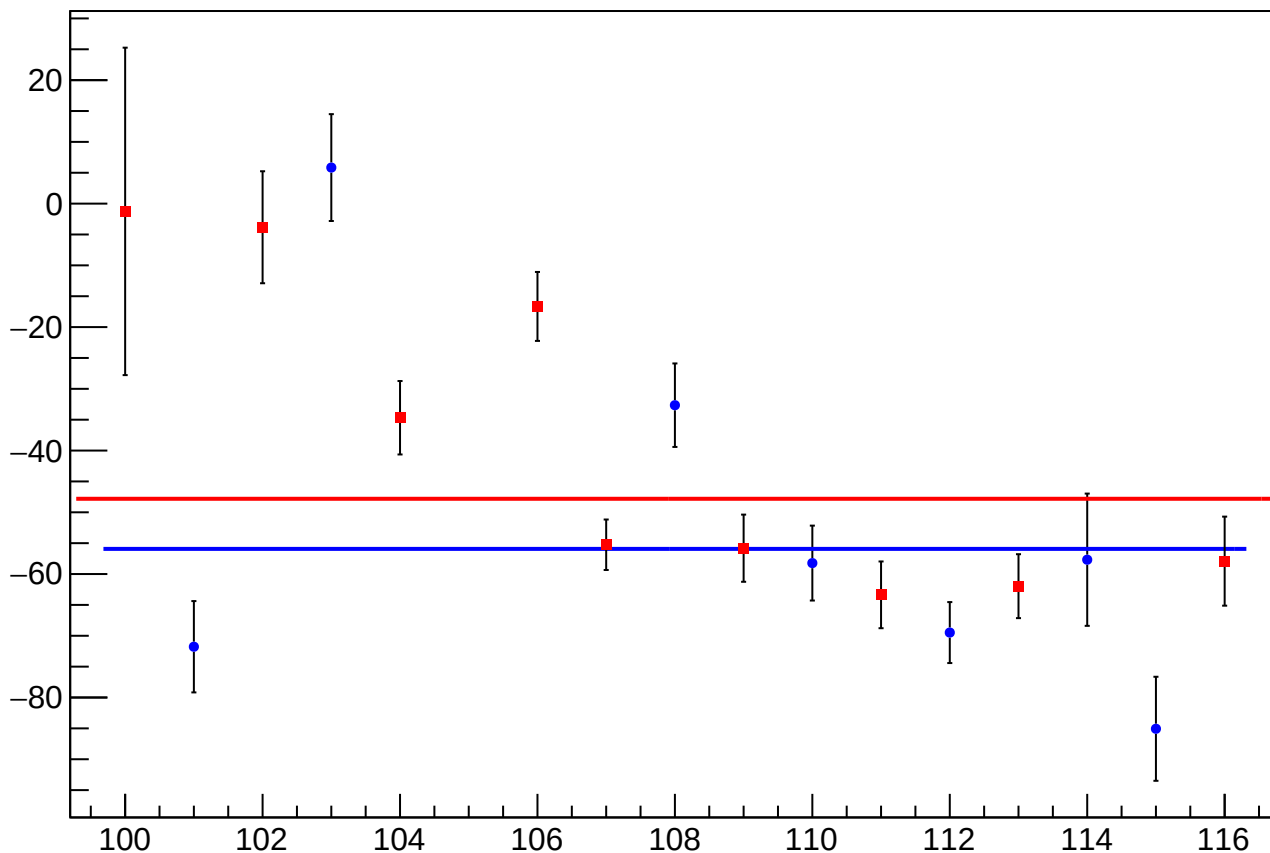
Right: -199.781+/-1.309 χ^2/NDF : 2779.1/15

In: -217.668+/-2.119 χ^2/NDF : 682.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.781+/-1.309 χ^2/NDF : 2779.1/15

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -55.927 $\pm$ 2.631 χ^2 /NDF: 87.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.810 $\pm$ 1.968 χ^2 /NDF: 85.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

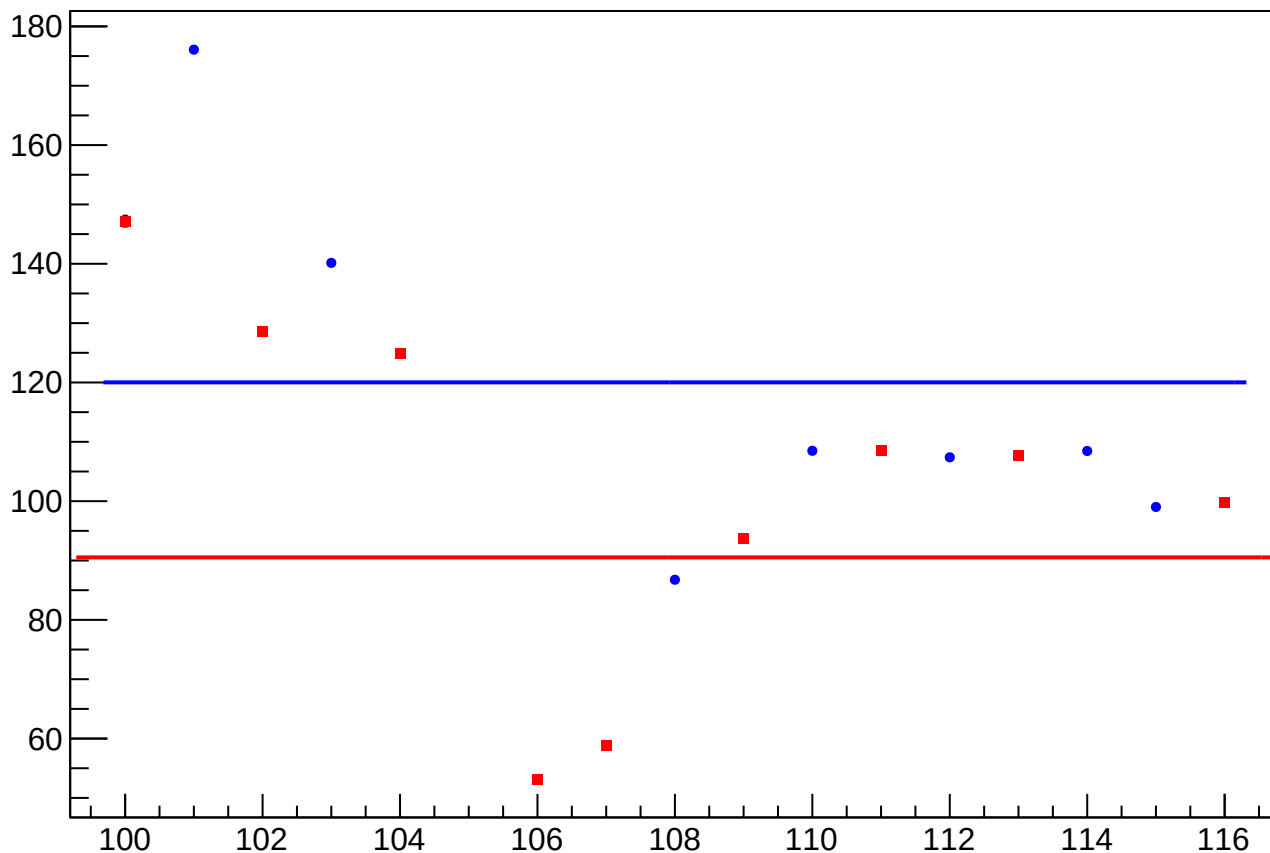
Right: -50.722 $\pm$ 1.576 χ^2 /NDF: 178.9/15

In: -55.927 $\pm$ 2.631 χ^2 /NDF:87.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.722 $\pm$ 1.576 χ^2 /NDF: 178.9/15

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 120.020+/-0.123 χ^2/NDF : 60551.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.531+/-0.091 χ^2/NDF : 118610.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

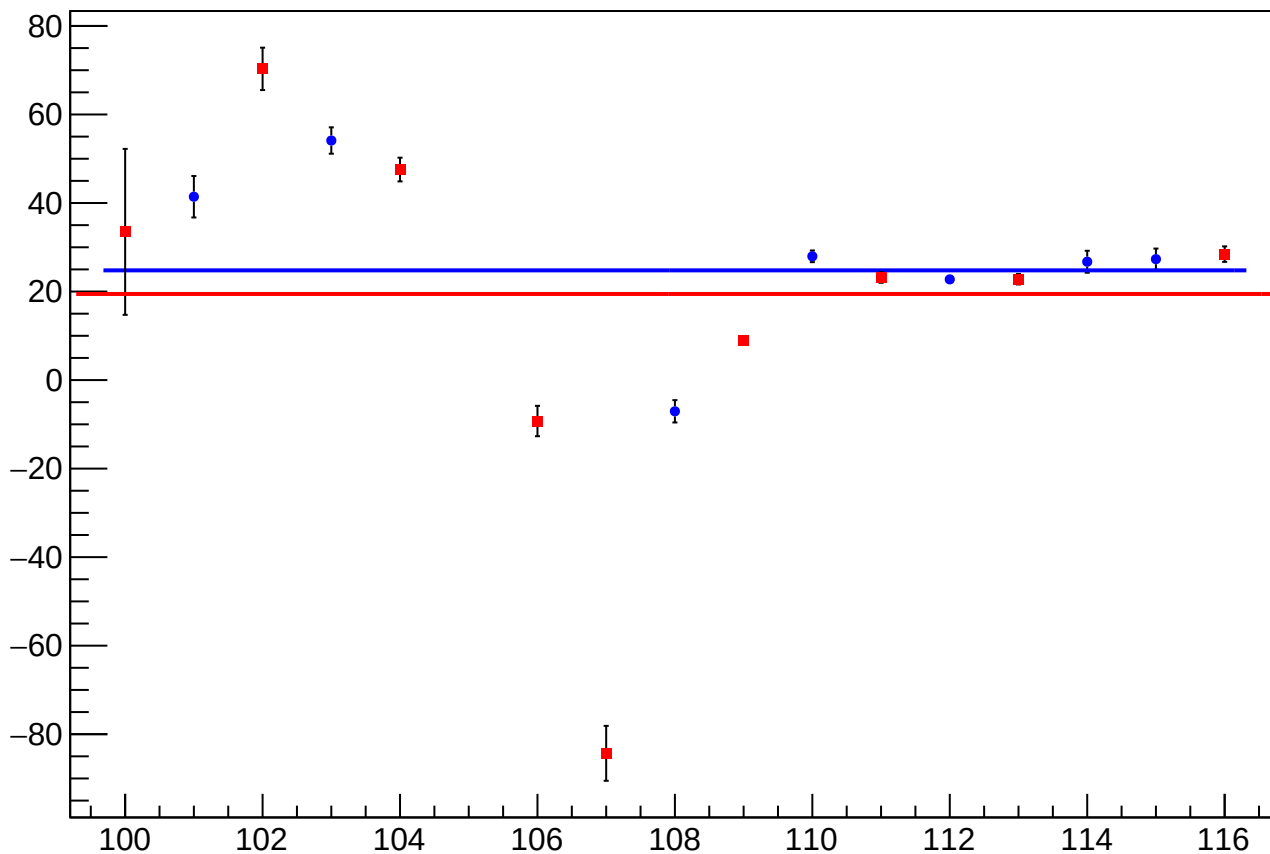
Right: 100.967+/-0.073 χ^2/NDF : 216462.0/15

In: 120.020+/-0.123 χ^2/NDF : 60551.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.967+/-0.073 χ^2/NDF : 216462.0/15

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.784+/-0.701 χ^2 /NDF: 279.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.450+/-0.589 χ^2 /NDF: 710.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

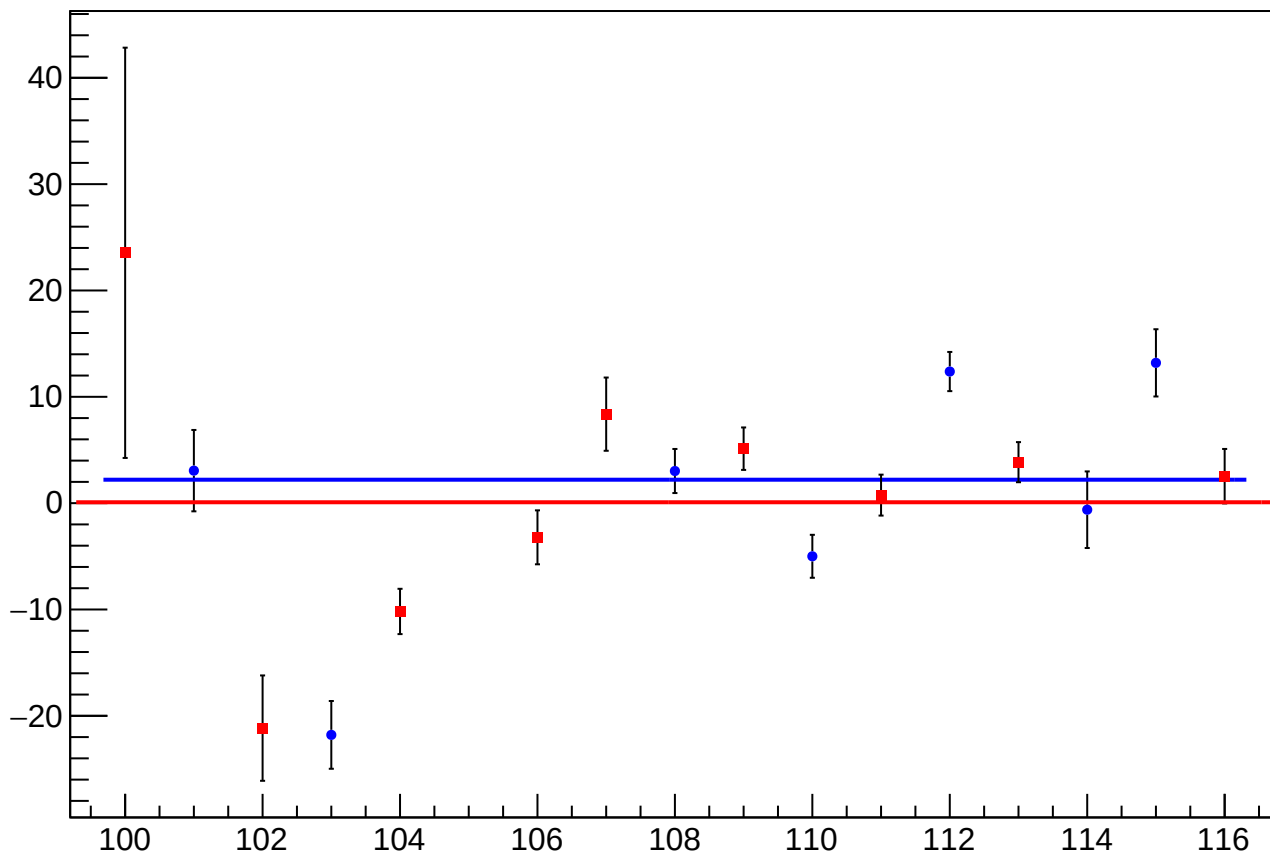
Right: 21.659+/-0.451 χ^2 /NDF: 1024.7/15

In: 24.784+/-0.701 χ^2 /NDF:279.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 21.659+/-0.451 χ^2 /NDF: 1024.7/15

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.204+/-0.946 χ^2/NDF : 112.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.084+/-0.828 χ^2/NDF : 62.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

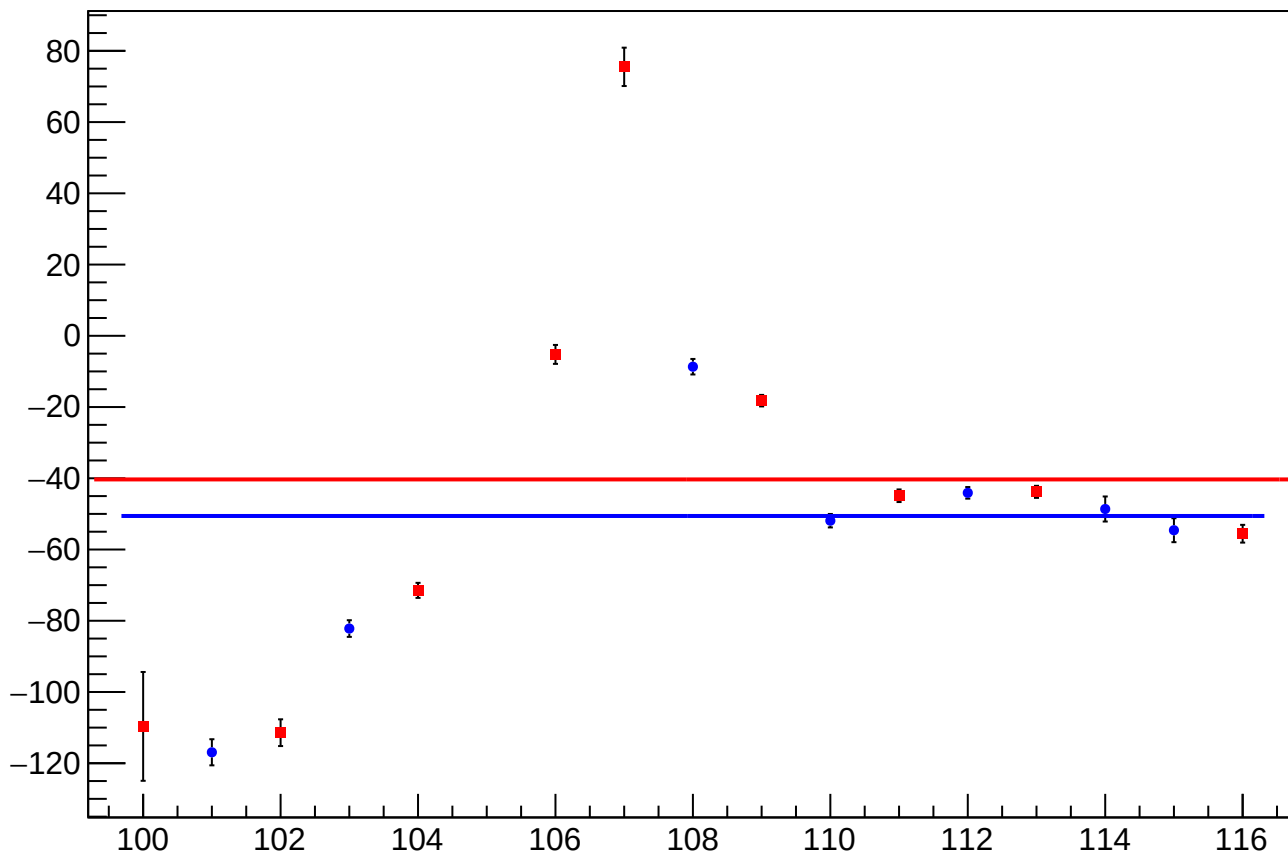
Right: 1.004+/-0.623 χ^2/NDF : 177.6/15

In: 2.204+/-0.946 χ^2/NDF : 112.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.004+/-0.623 χ^2/NDF : 177.6/15

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.583+/-0.879 χ^2/NDF : 898.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.322+/-0.770 χ^2/NDF : 1469.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

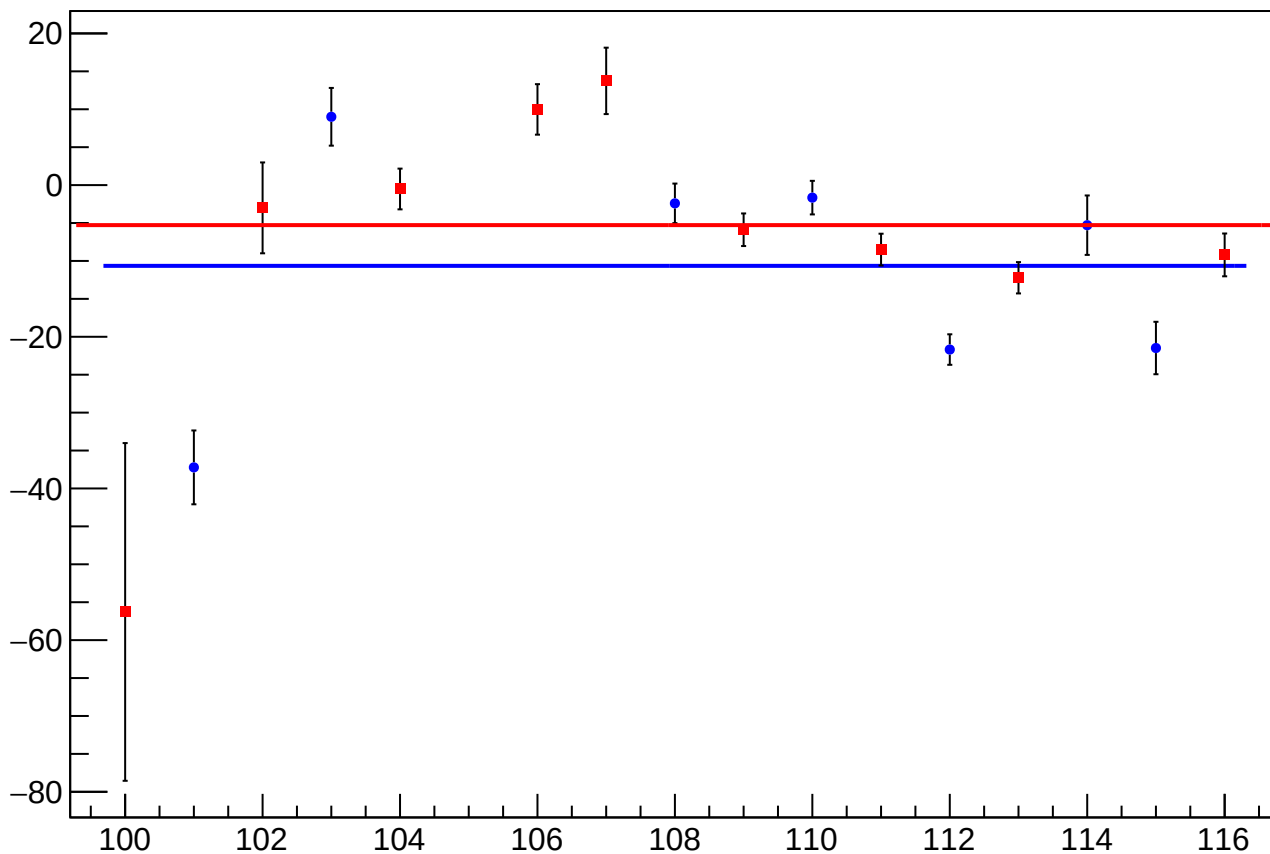
Right: -44.778+/-0.579 χ^2/NDF : 2445.0/15

In: -50.583+/-0.879 χ^2/NDF : 898.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.778+/-0.579 χ^2/NDF : 2445.0/15

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.647 ± 1.079 $\chi^2/\text{NDF}: 124.8/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.276 ± 0.947 $\chi^2/\text{NDF}: 64.1/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

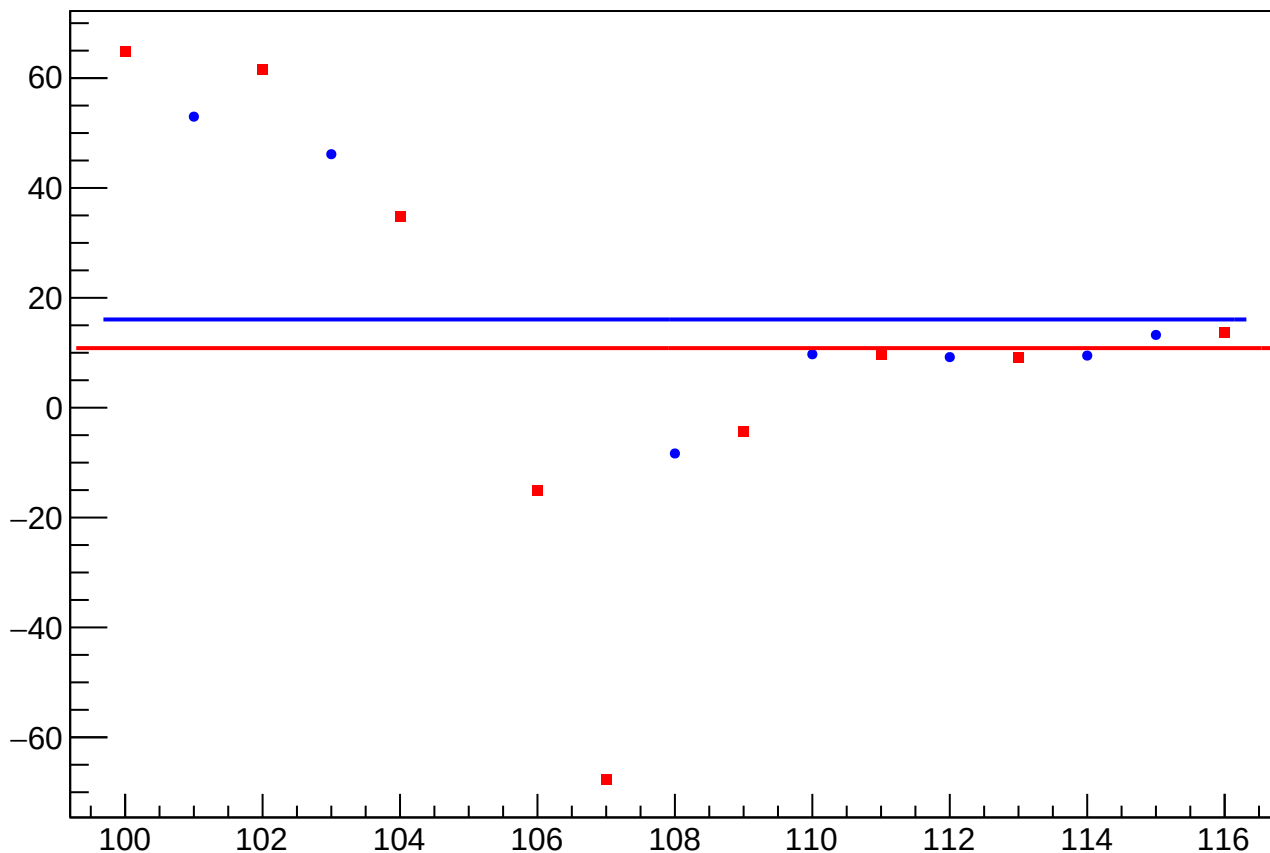
Right: -7.612 ± 0.712 $\chi^2/\text{NDF}: 202.8/15$

In: -10.647 ± 1.079 $\chi^2/\text{NDF}: 124.8/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.612 ± 0.712 $\chi^2/\text{NDF}: 202.8/15$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.060 $\pm$ 0.051 χ^2 /NDF: 204069.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.846 $\pm$ 0.048 χ^2 /NDF: 342255.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

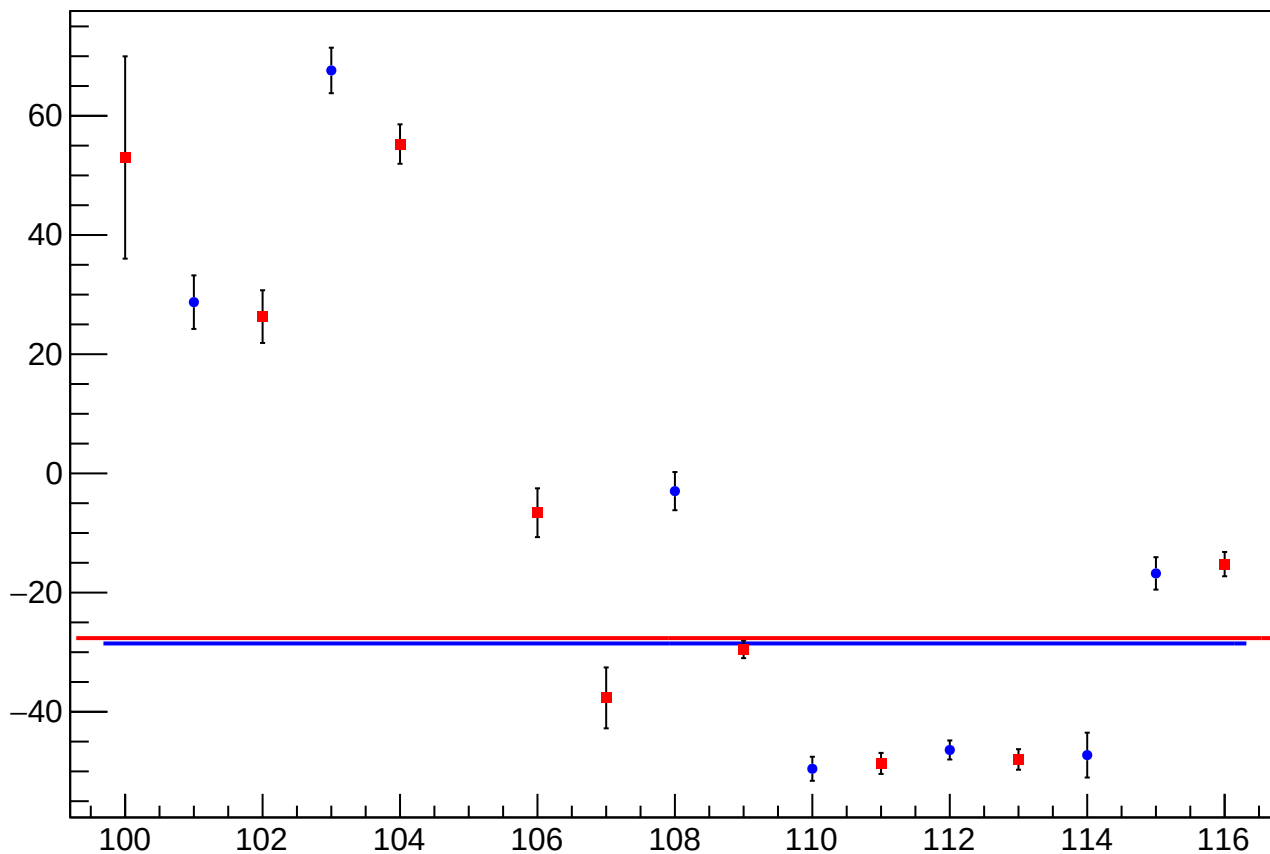
Right: 13.312 $\pm$ 0.035 χ^2 /NDF: 551829.1/15

In: 16.060 $\pm$ 0.051 χ^2 /NDF:204069.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.312 $\pm$ 0.035 χ^2 /NDF: 551829.1/15

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.534 $\pm$ 0.971 χ^2 /NDF: 1137.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.637 $\pm$ 0.790 χ^2 /NDF: 1149.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

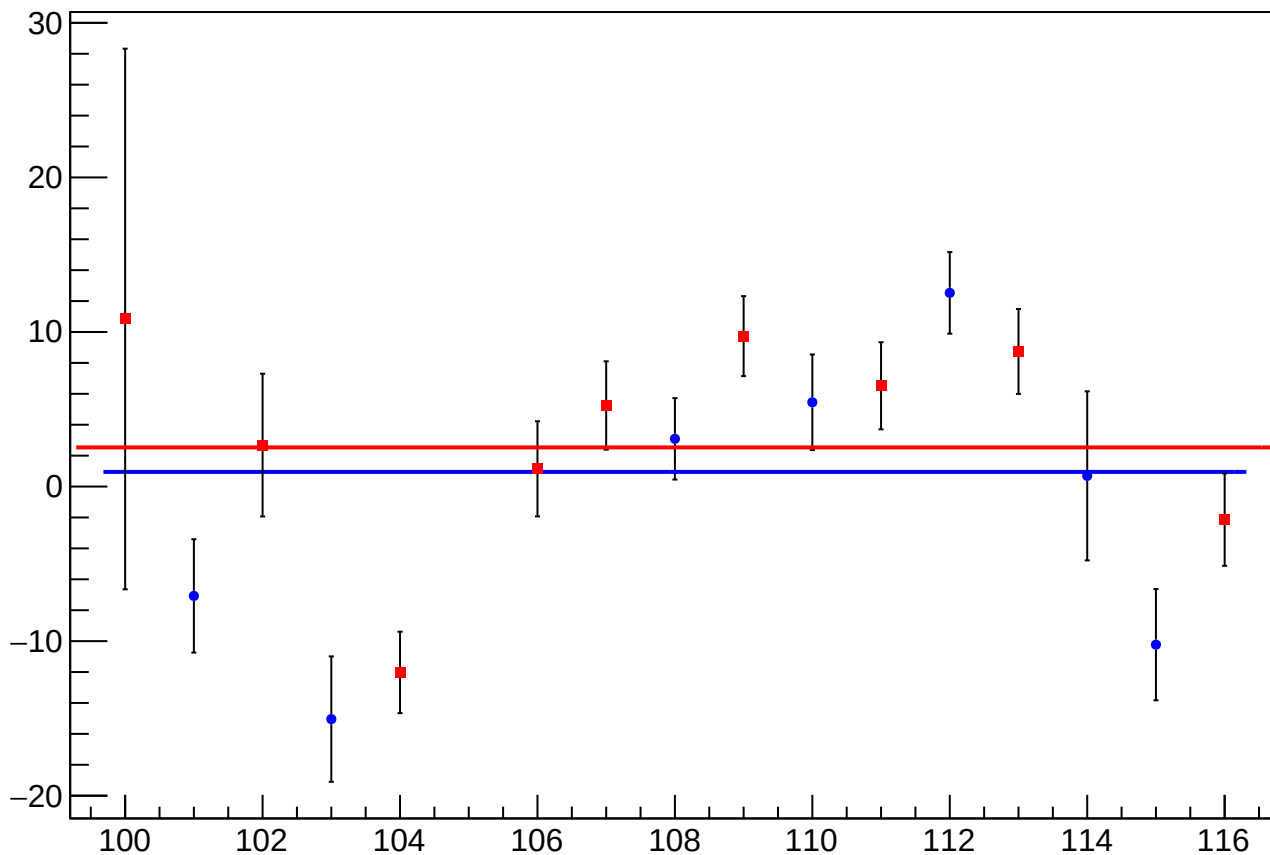
Right: -27.995 $\pm$ 0.613 χ^2 /NDF: 2287.6/15

In: -28.534 $\pm$ 0.971 χ^2 /NDF:1137.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.995 $\pm$ 0.613 χ^2 /NDF: 2287.6/15

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.949+/-1.252 χ^2/NDF : 52.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.533+/-1.030 χ^2/NDF : 49.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

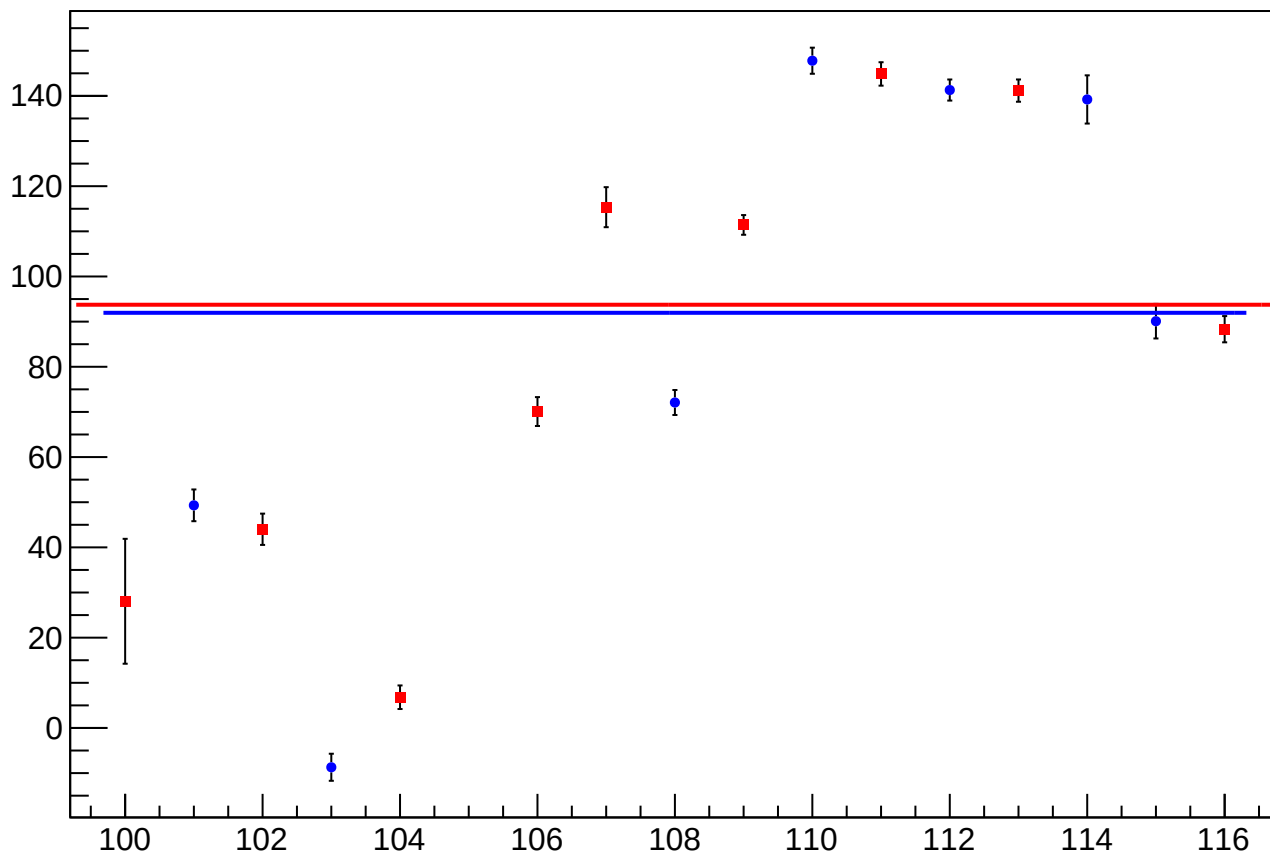
Right: 1.893+/-0.796 χ^2/NDF : 102.1/15

In: 0.949+/-1.252 χ^2/NDF : 52.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.893+/-0.796 χ^2/NDF : 102.1/15

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 91.955+/-1.171 χ^2/NDF : 2224.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 93.742+/-0.988 χ^2/NDF : 2243.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

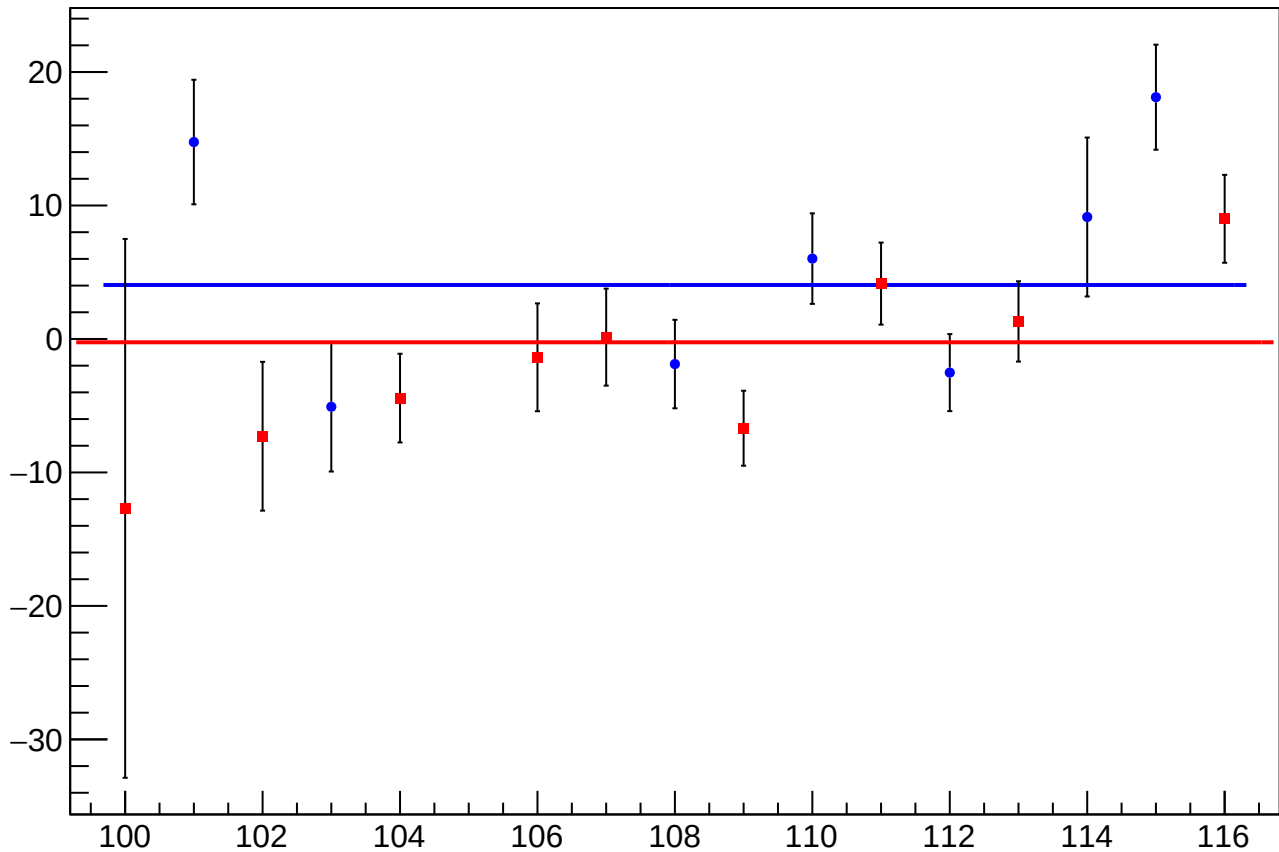
Right: 92.999+/-0.755 χ^2/NDF : 4469.7/15

In: 91.955+/-1.171 χ^2/NDF :2224.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.999+/-0.755 χ^2/NDF : 4469.7/15

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.045+/-1.444 χ^2/NDF : 31.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.248+/-1.197 χ^2/NDF : 19.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

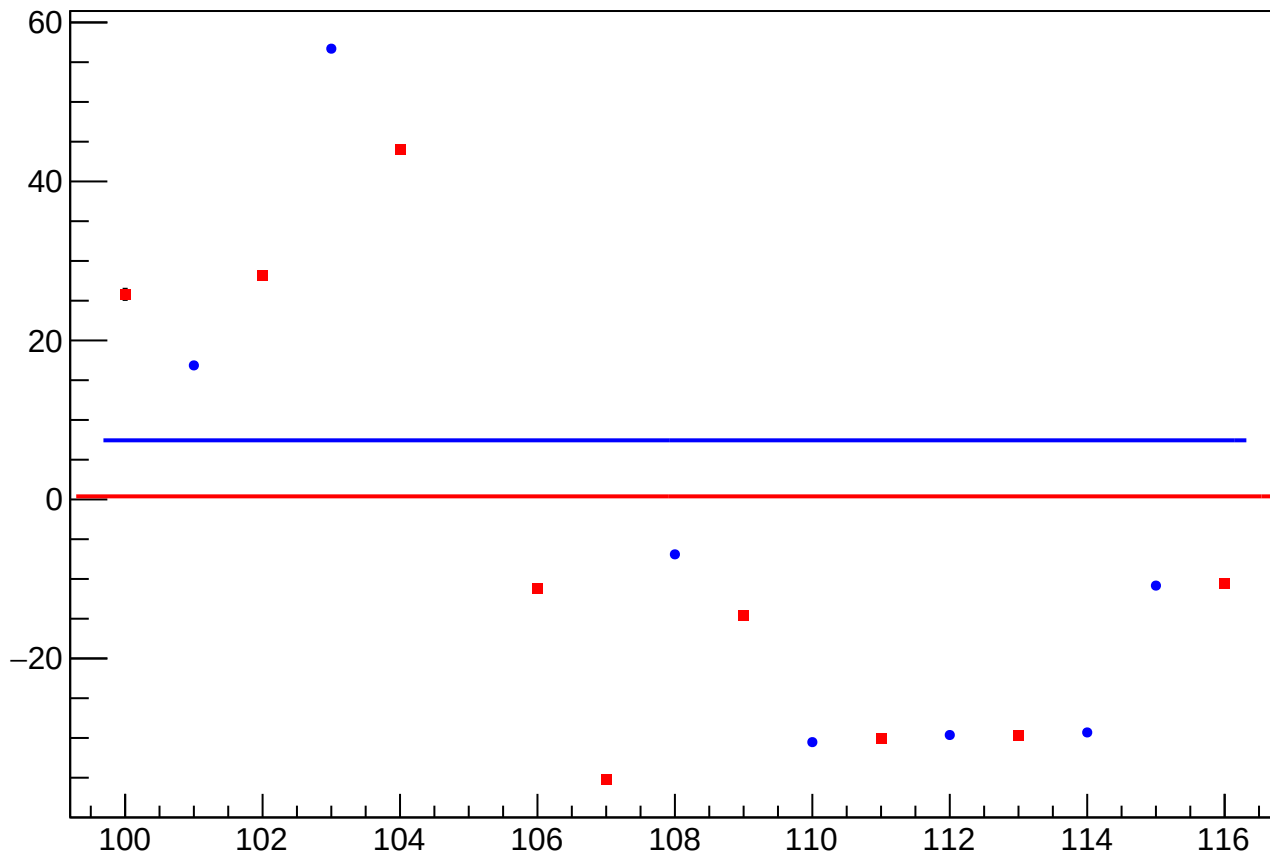
Right: 1.500+/-0.922 χ^2/NDF : 55.4/15

In: 4.045+/-1.444 χ^2/NDF : 31.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.500+/-0.922 χ^2/NDF : 55.4/15

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.437+/-0.066 χ^2/NDF : 249614.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.389+/-0.058 χ^2/NDF : 259570.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

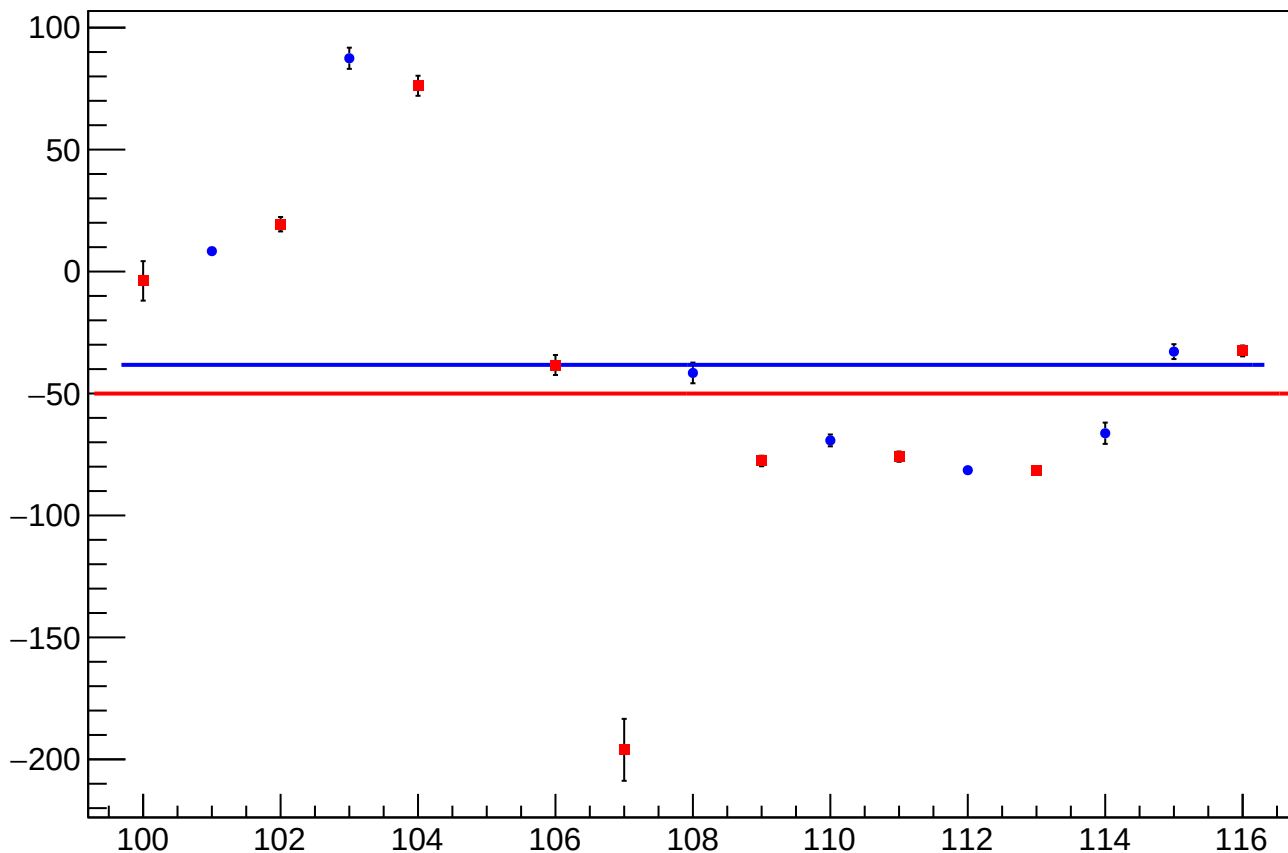
Right: 3.469+/-0.044 χ^2/NDF : 515612.0/15

In: 7.437+/-0.066 χ^2/NDF : 249614.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.469+/-0.044 χ^2/NDF : 515612.0/15

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.257+/-1.019 χ^2/NDF : 2098.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.023+/-0.937 χ^2/NDF : 2285.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

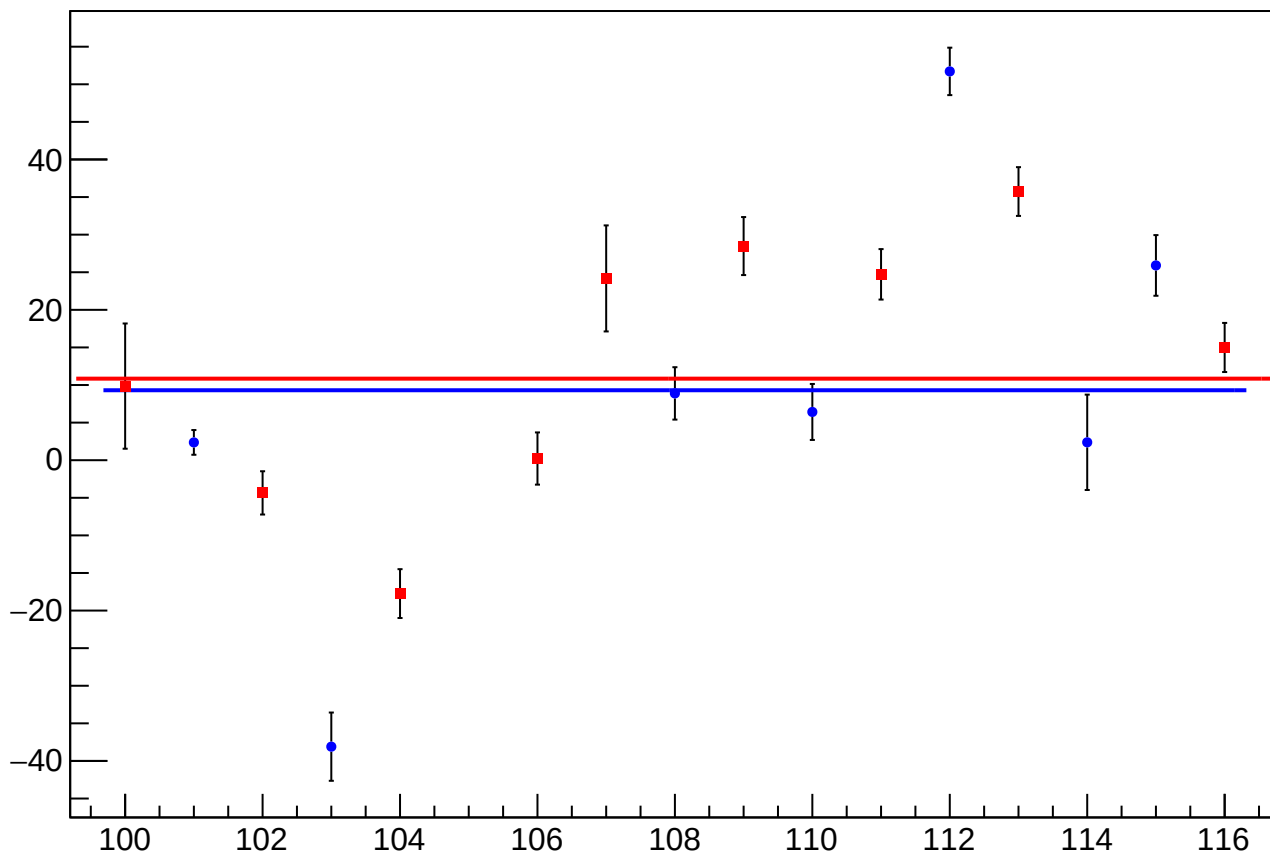
Right: -44.635+/-0.690 χ^2/NDF : 4456.8/15

In: -38.257+/-1.019 χ^2/NDF : 2098.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.635+/-0.690 χ^2/NDF : 4456.8/15

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.305+/-1.147 χ^2/NDF : 326.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.847+/-1.215 χ^2/NDF : 216.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

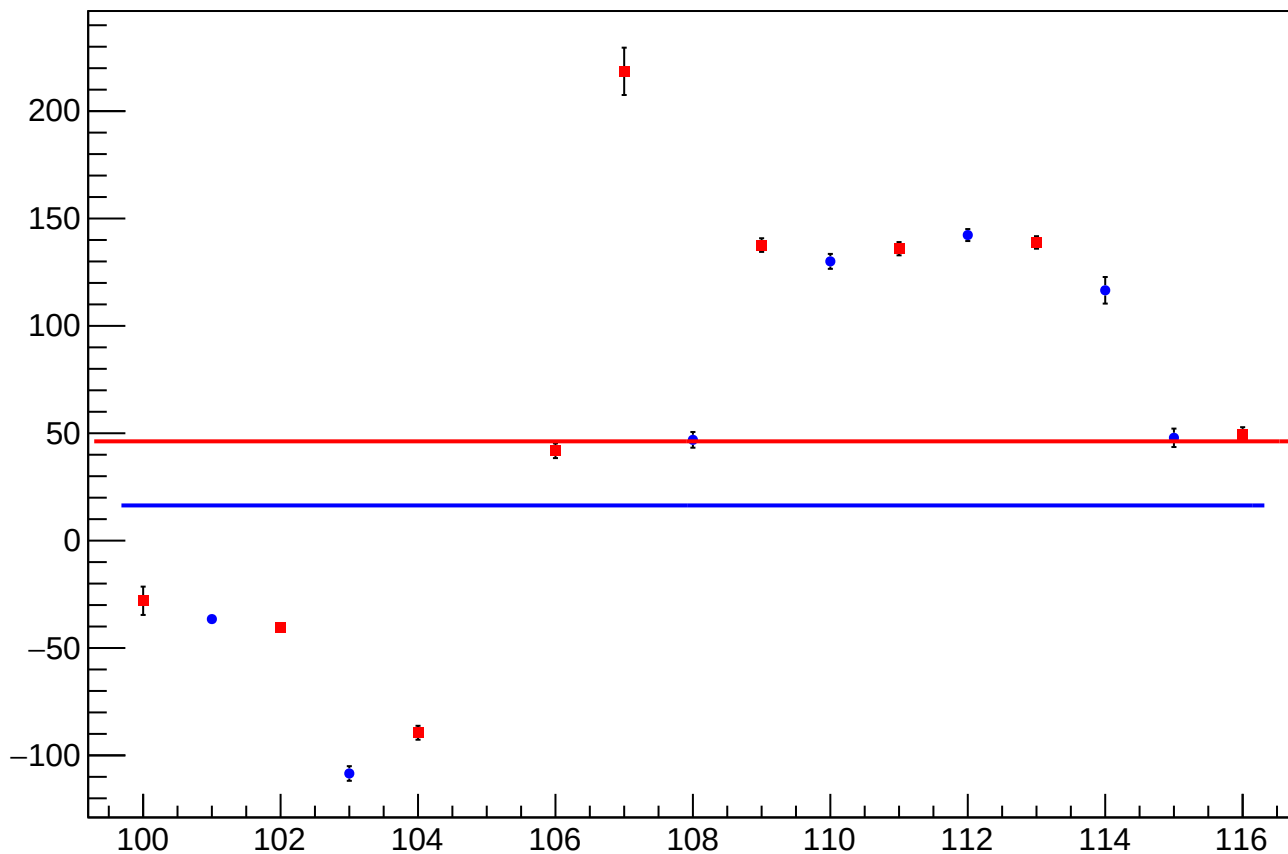
Right: 10.032+/-0.834 χ^2/NDF : 543.9/15

In: 9.305+/-1.147 χ^2/NDF : 326.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.032+/-0.834 χ^2/NDF : 543.9/15

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 16.386+/-1.080 χ^2/NDF : 5966.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.235+/-1.105 χ^2/NDF : 6208.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

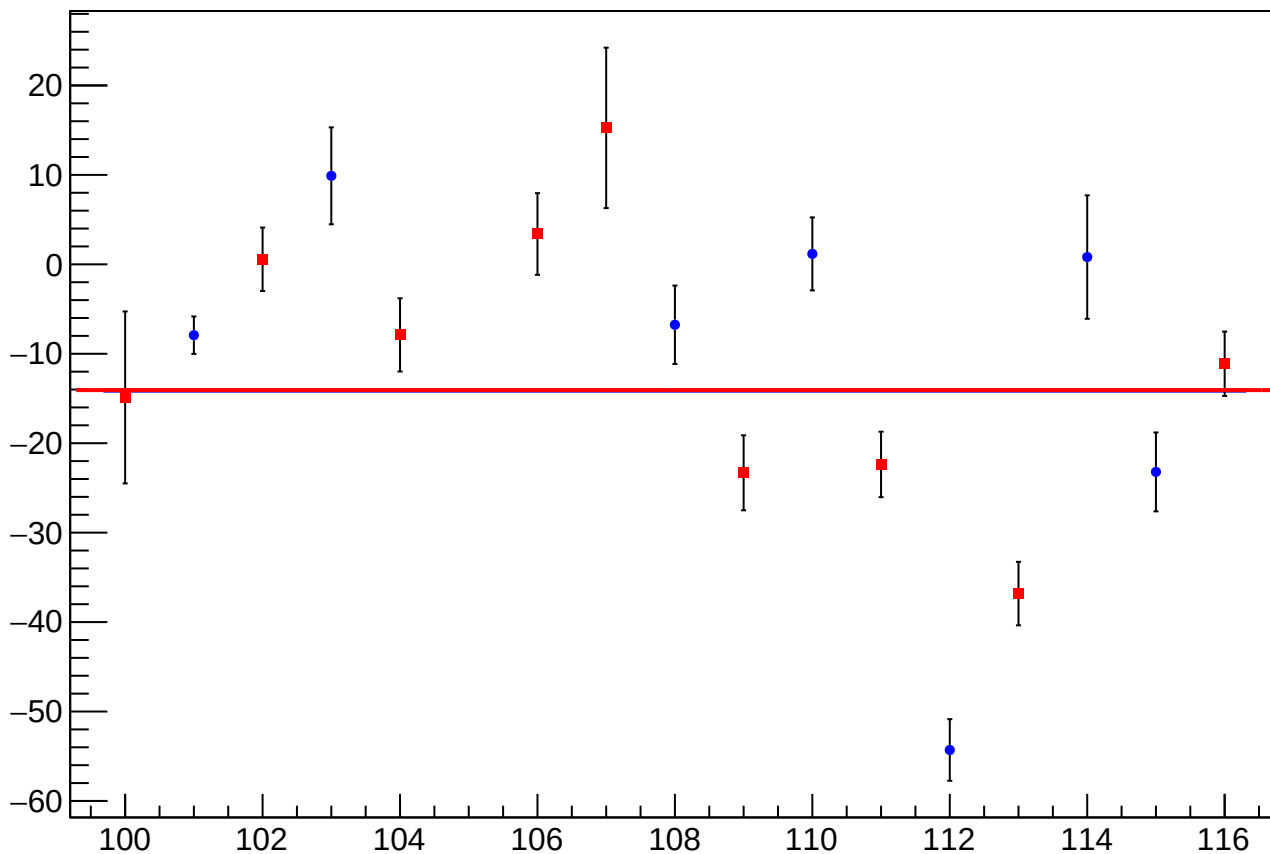
Right: 30.974+/-0.772 χ^2/NDF : 12548.0/15

In: 16.386+/-1.080 χ^2/NDF : 5966.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.974+/-0.772 χ^2/NDF : 12548.0/15

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.122+/-1.372 χ^2/NDF : 190.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.063+/-1.416 χ^2/NDF : 96.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

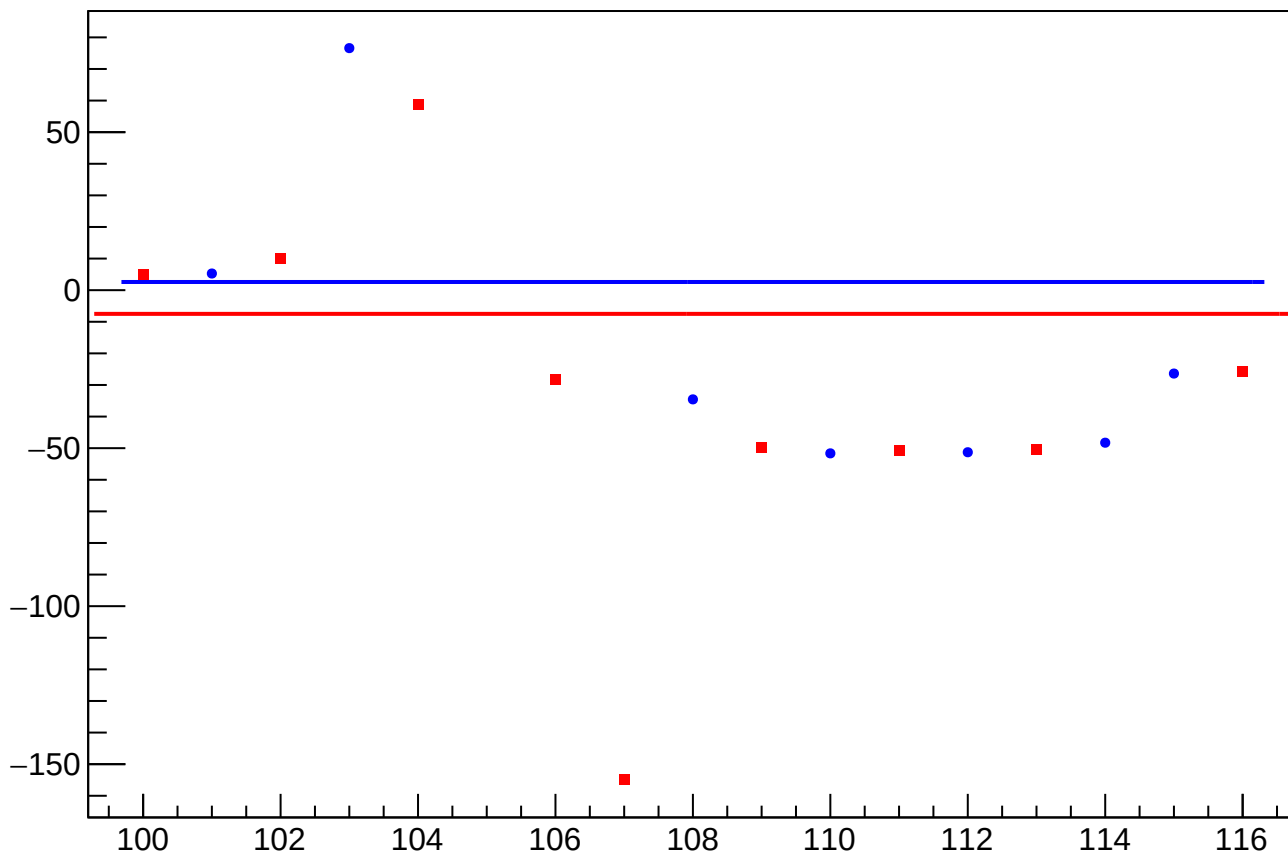
Right: -14.094+/-0.986 χ^2/NDF : 286.4/15

In: -14.122+/-1.372 χ^2/NDF : 190.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.094+/-0.986 χ^2/NDF : 286.4/15

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.591+/-0.063 χ^2/NDF : 448135.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.498+/-0.061 χ^2/NDF : 447692.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

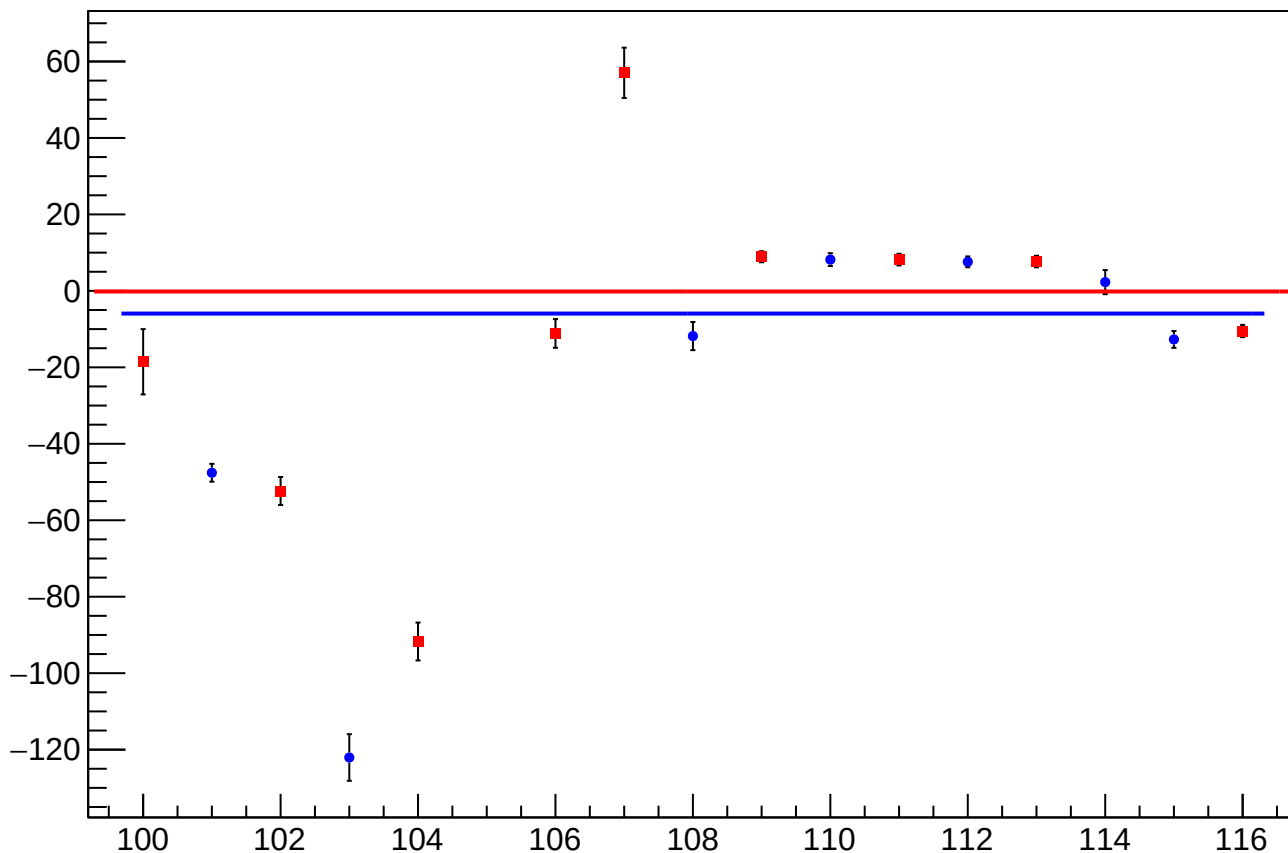
Right: -2.541+/-0.044 χ^2/NDF : 909060.3/15

In: 2.591+/-0.063 χ^2/NDF : 448135.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.541+/-0.044 χ^2/NDF : 909060.3/15

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.940+/-0.832 χ^2/NDF : 861.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.164+/-0.714 χ^2/NDF : 772.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

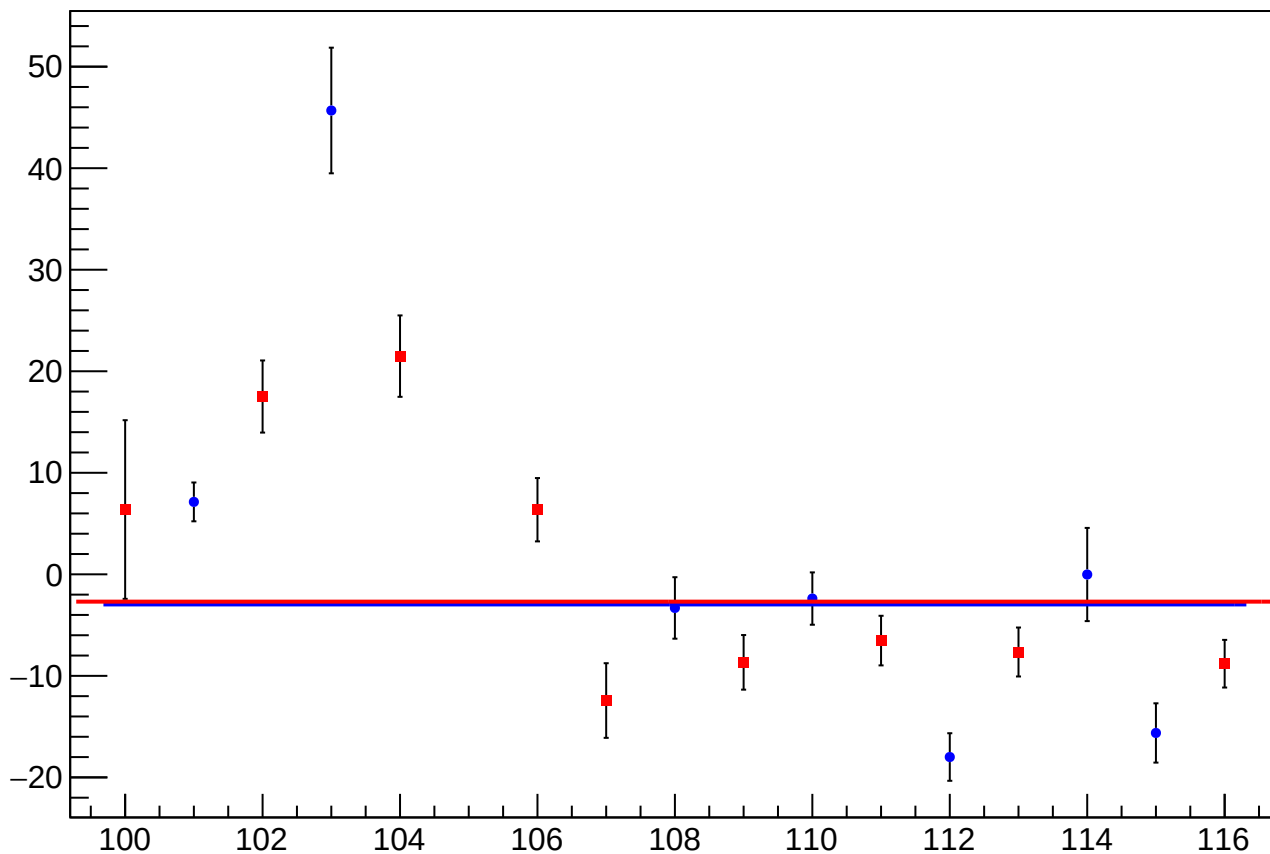
Right: -2.615+/-0.542 χ^2/NDF : 1661.3/15

In: -5.940+/-0.832 χ^2/NDF :861.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.615+/-0.542 χ^2/NDF : 1661.3/15

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.965+/-1.050 χ^2/NDF : 150.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.690+/-1.005 χ^2/NDF : 103.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

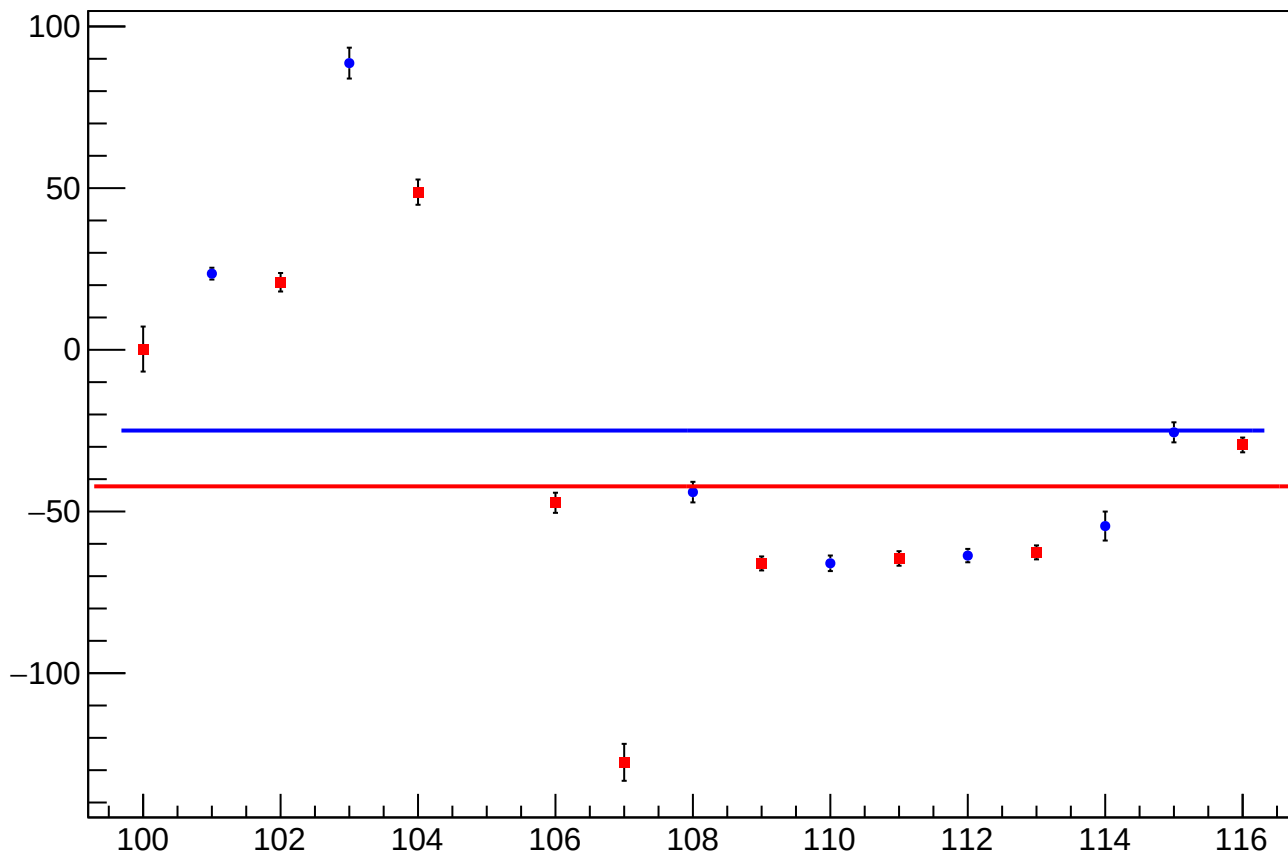
Right: -2.821+/-0.726 χ^2/NDF : 253.9/15

In: -2.965+/-1.050 χ^2/NDF : 150.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.821+/-0.726 χ^2/NDF : 253.9/15

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.963+/-0.999 χ^2/NDF : 1990.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.225+/-0.929 χ^2/NDF : 1631.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

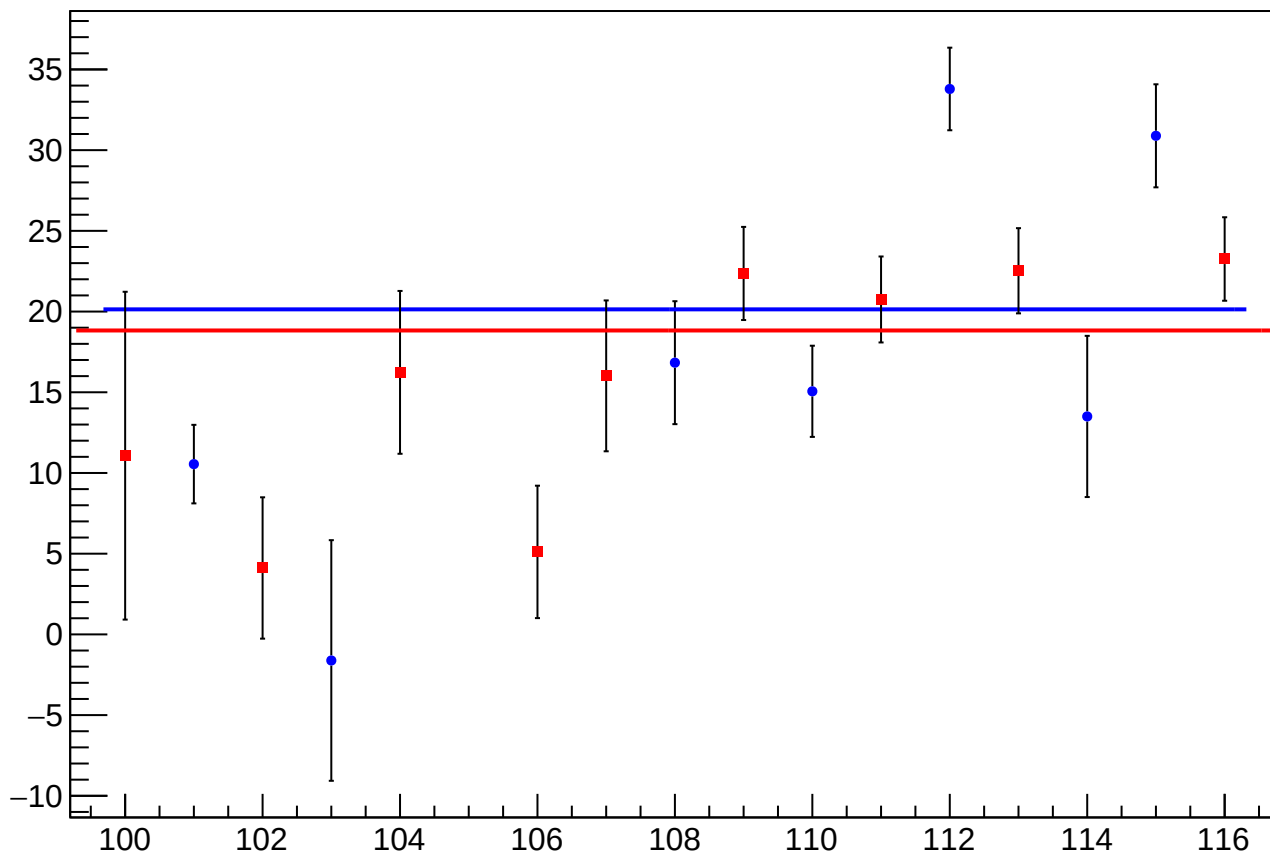
Right: -34.220+/-0.680 χ^2/NDF : 3781.6/15

In: -24.963+/-0.999 χ^2/NDF : 1990.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.220+/-0.680 χ^2/NDF : 3781.6/15

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.136 $\pm$ 1.220 χ^2 /NDF: 69.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.828 $\pm$ 1.147 χ^2 /NDF: 30.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

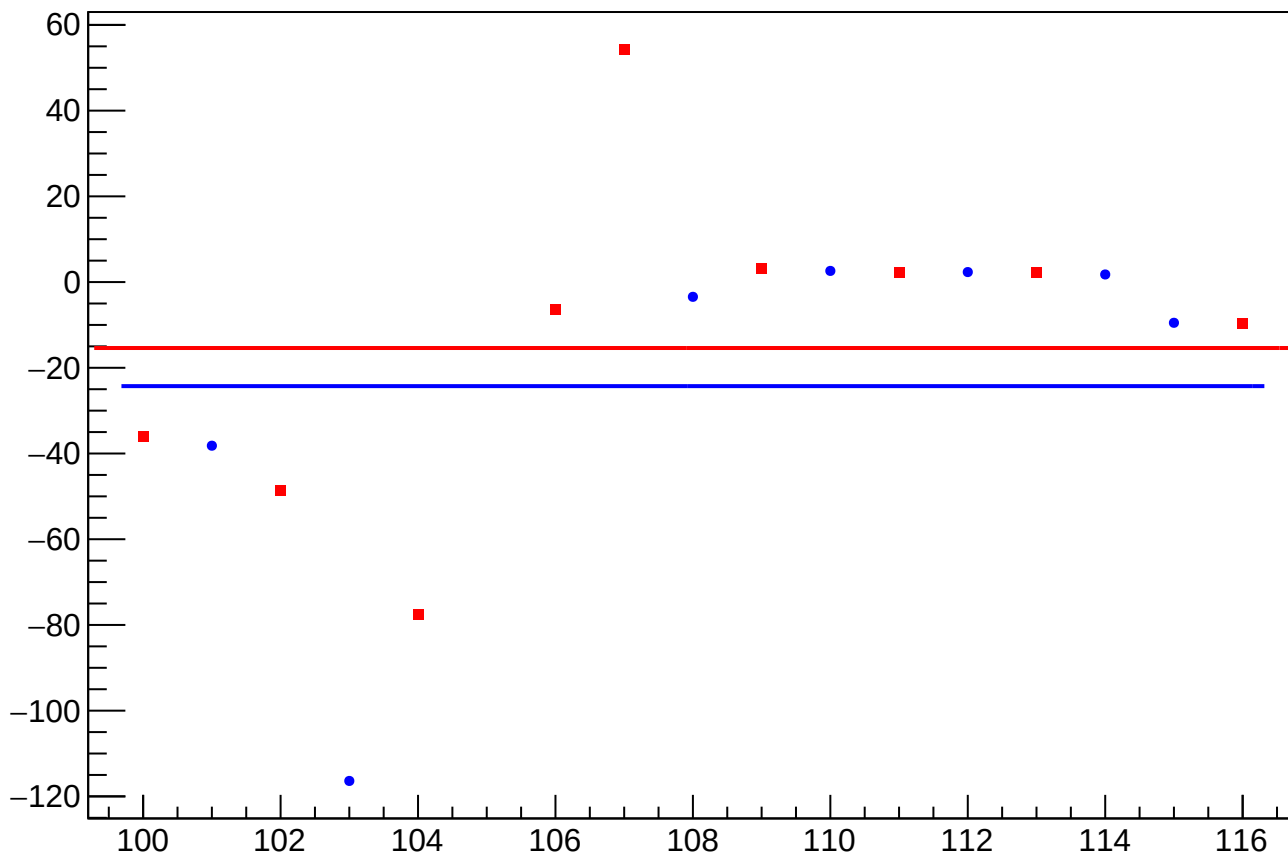
Right: 19.442 $\pm$ 0.835 χ^2 /NDF: 100.8/15

In: 20.136 $\pm$ 1.220 χ^2 /NDF: 69.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.442 $\pm$ 0.835 χ^2 /NDF: 100.8/15

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -24.279+/-0.062 χ^2/NDF : 303400.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.385+/-0.057 χ^2/NDF : 307487.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

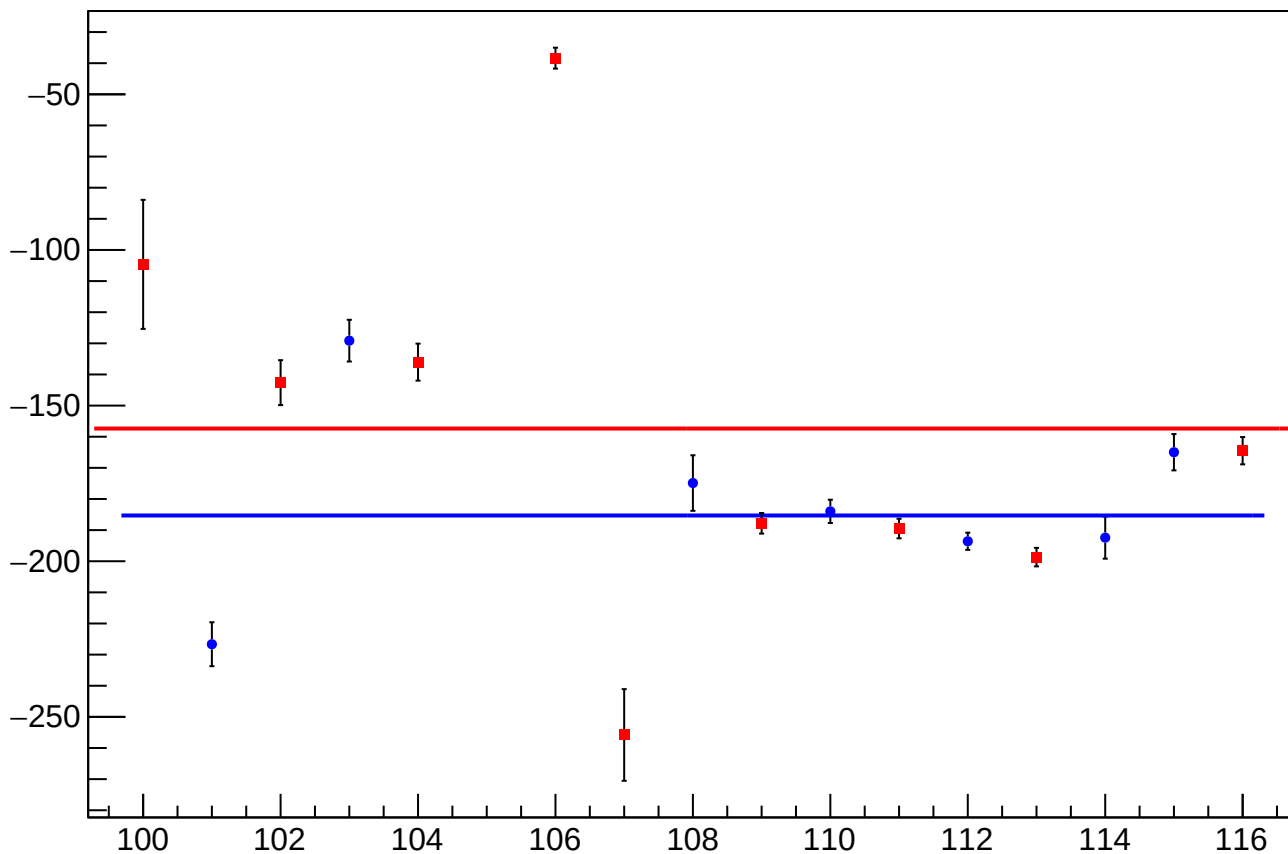
Right: -19.460+/-0.042 χ^2/NDF : 621948.0/15

In: -24.279+/-0.062 χ^2/NDF : 303400.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.460+/-0.042 χ^2/NDF : 621948.0/15

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -185.305+/-1.798 χ^2/NDF : 128.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -157.373+/-1.413 χ^2/NDF : 1704.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

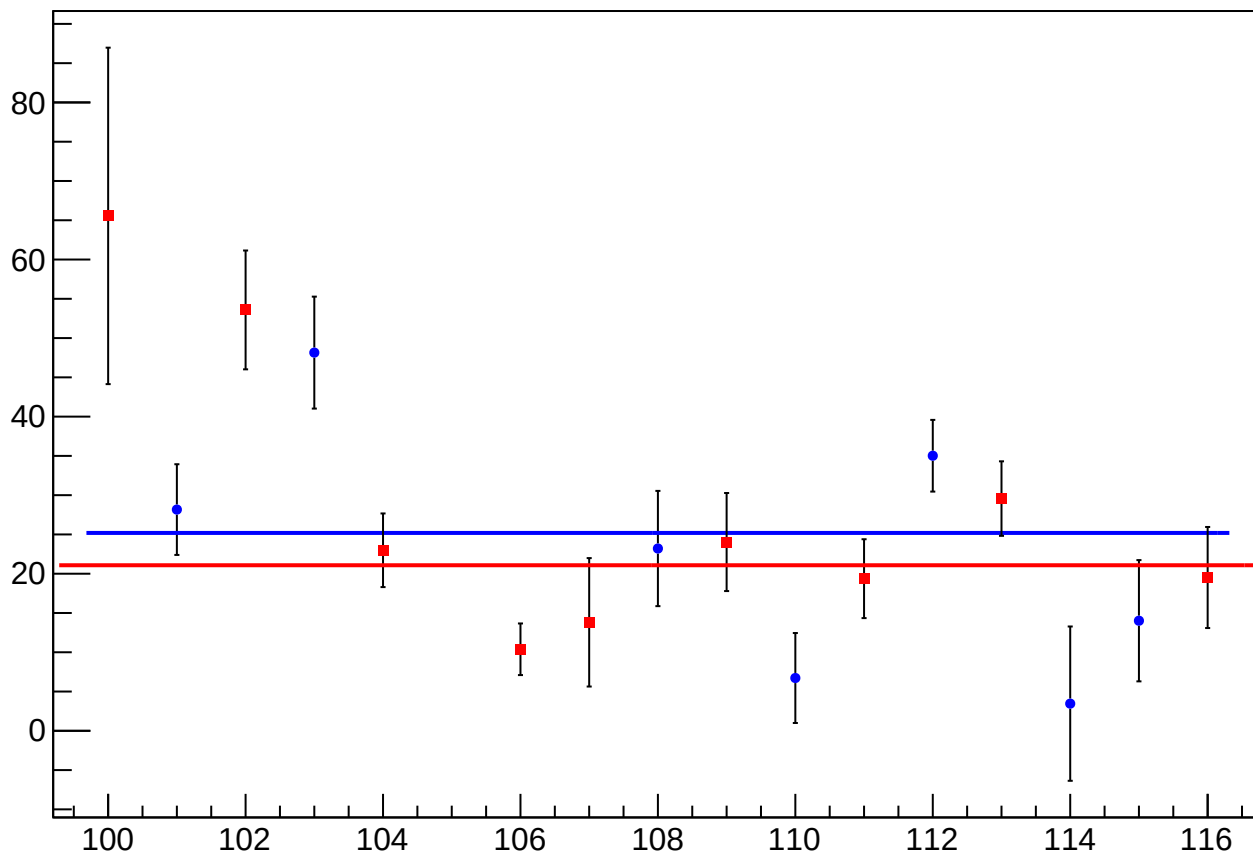
Right: -168.041+/-1.111 χ^2/NDF : 1981.6/15

In: -185.305+/-1.798 χ^2/NDF : 128.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.041+/-1.111 χ^2/NDF : 1981.6/15

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.193+/-2.398 χ^2/NDF : 32.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.078+/-1.806 χ^2/NDF : 37.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

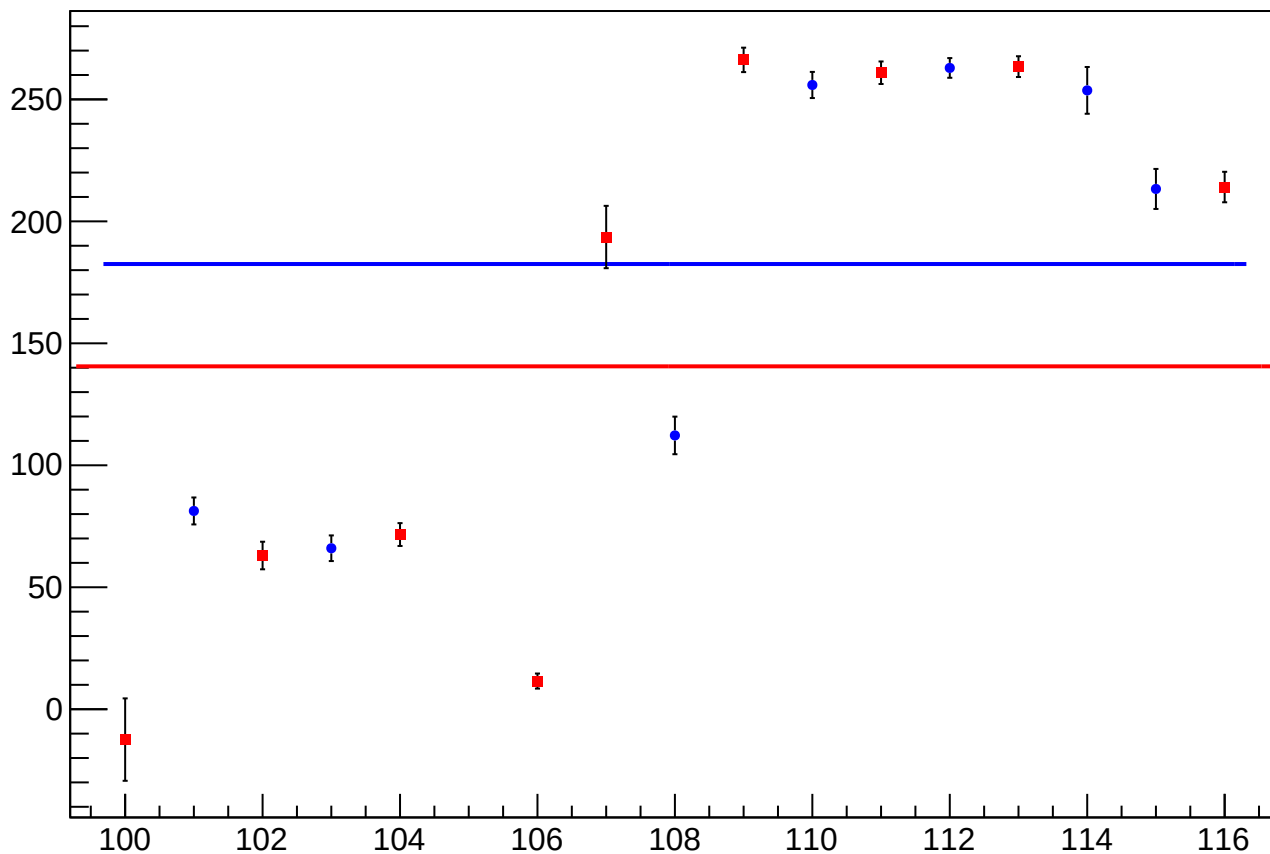
Right: 22.567+/-1.442 χ^2/NDF : 72.6/15

In: 25.193+/-2.398 χ^2/NDF : 32.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.567+/-1.442 χ^2/NDF : 72.6/15

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 182.508 $\pm$ 2.195 χ^2 /NDF: 1562.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.563 $\pm$ 1.669 χ^2 /NDF: 4528.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

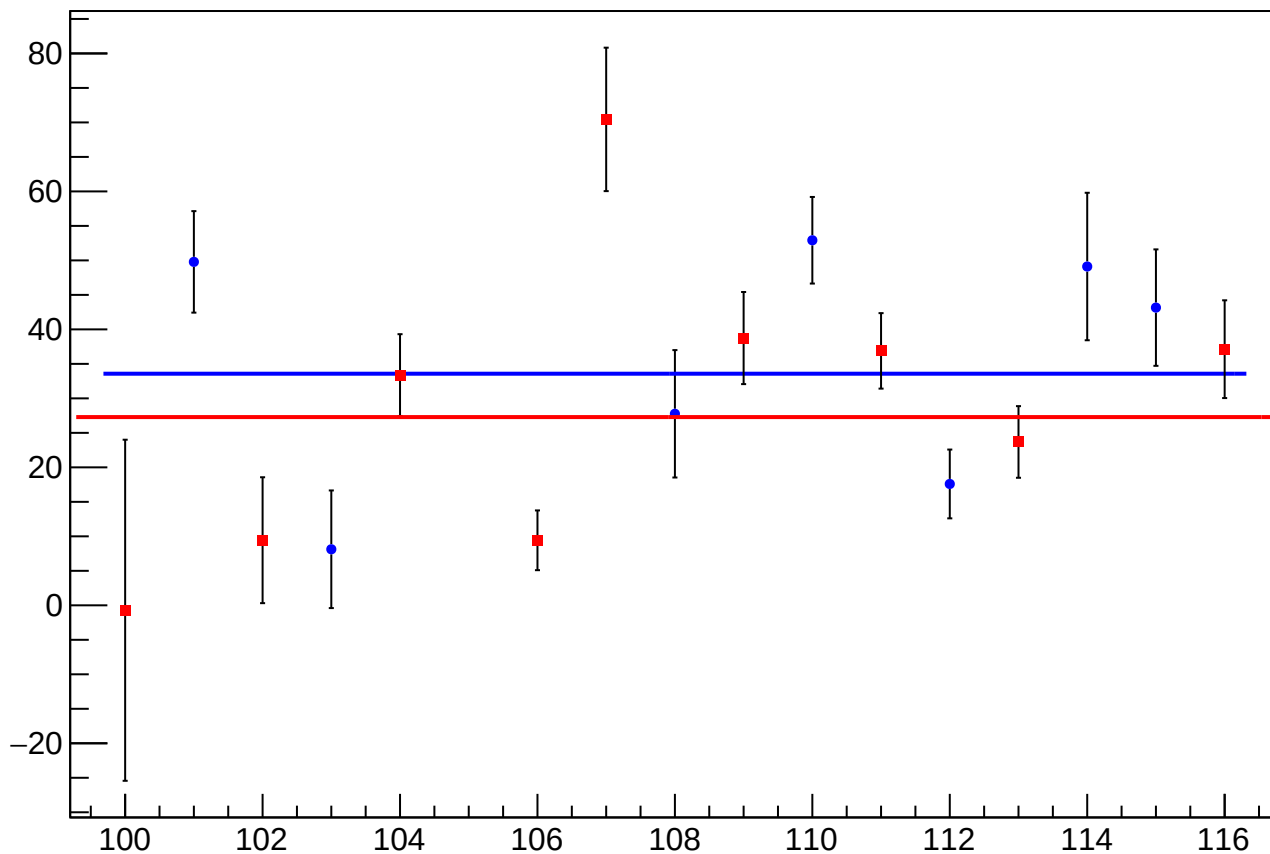
Right: 155.938 $\pm$ 1.329 χ^2 /NDF: 6322.9/15

In: 182.508 $\pm$ 2.195 χ^2 /NDF:1562.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.938 $\pm$ 1.329 χ^2 /NDF: 6322.9/15

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.574 $\pm$ 2.749 χ^2 /NDF: 37.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.287 $\pm$ 2.144 χ^2 /NDF: 48.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

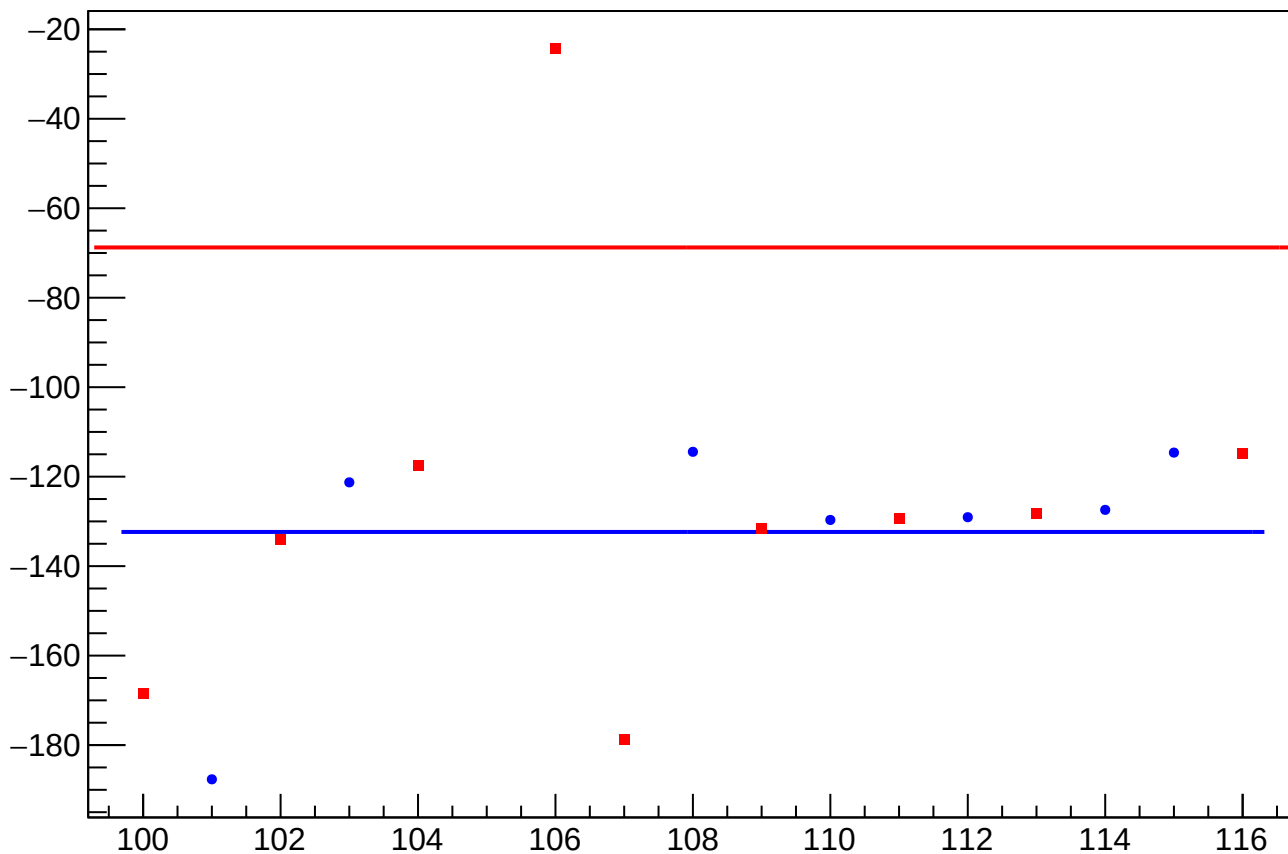
Right: 29.666 $\pm$ 1.691 χ^2 /NDF: 89.4/15

In: 33.574 $\pm$ 2.749 χ^2 /NDF:37.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.666 $\pm$ 1.691 χ^2 /NDF: 89.4/15

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -132.359+/-0.130 χ^2/NDF : 34813.1/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -68.764+/-0.078 χ^2/NDF : 466292.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

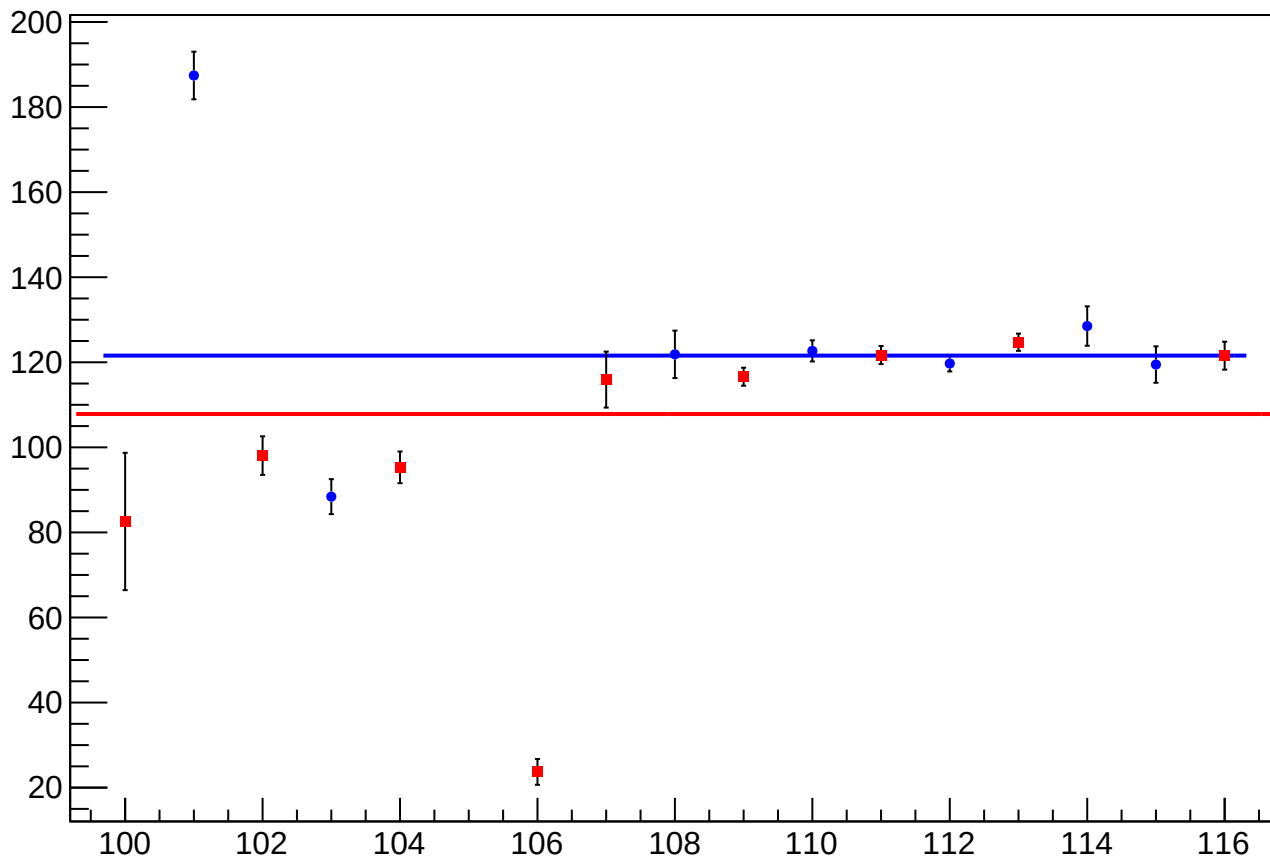
Right: -85.480+/-0.067 χ^2/NDF : 677540.8/15

In: -132.359+/-0.130 χ^2/NDF :34813.1/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -85.480+/-0.067 χ^2/NDF : 677540.8/15

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 121.571+/-1.218 χ^2/NDF : 206.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.836+/-0.981 χ^2/NDF : 936.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

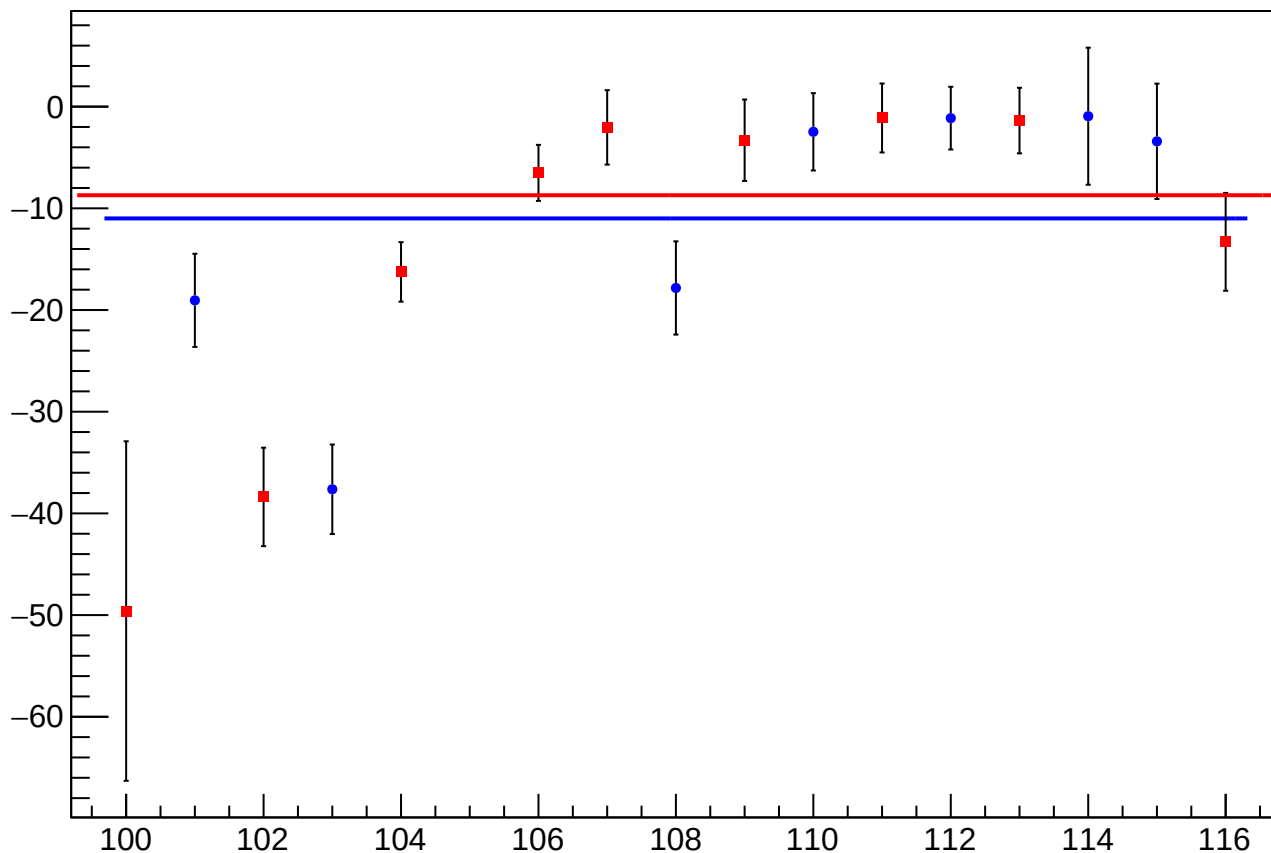
Right: 113.238+/-0.764 χ^2/NDF : 1220.8/15

In: 121.571+/-1.218 χ^2/NDF : 206.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.238+/-0.764 χ^2/NDF : 1220.8/15

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.992 $\pm$ 1.634 χ^2 /NDF: 61.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.712 $\pm$ 1.233 χ^2 /NDF: 67.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

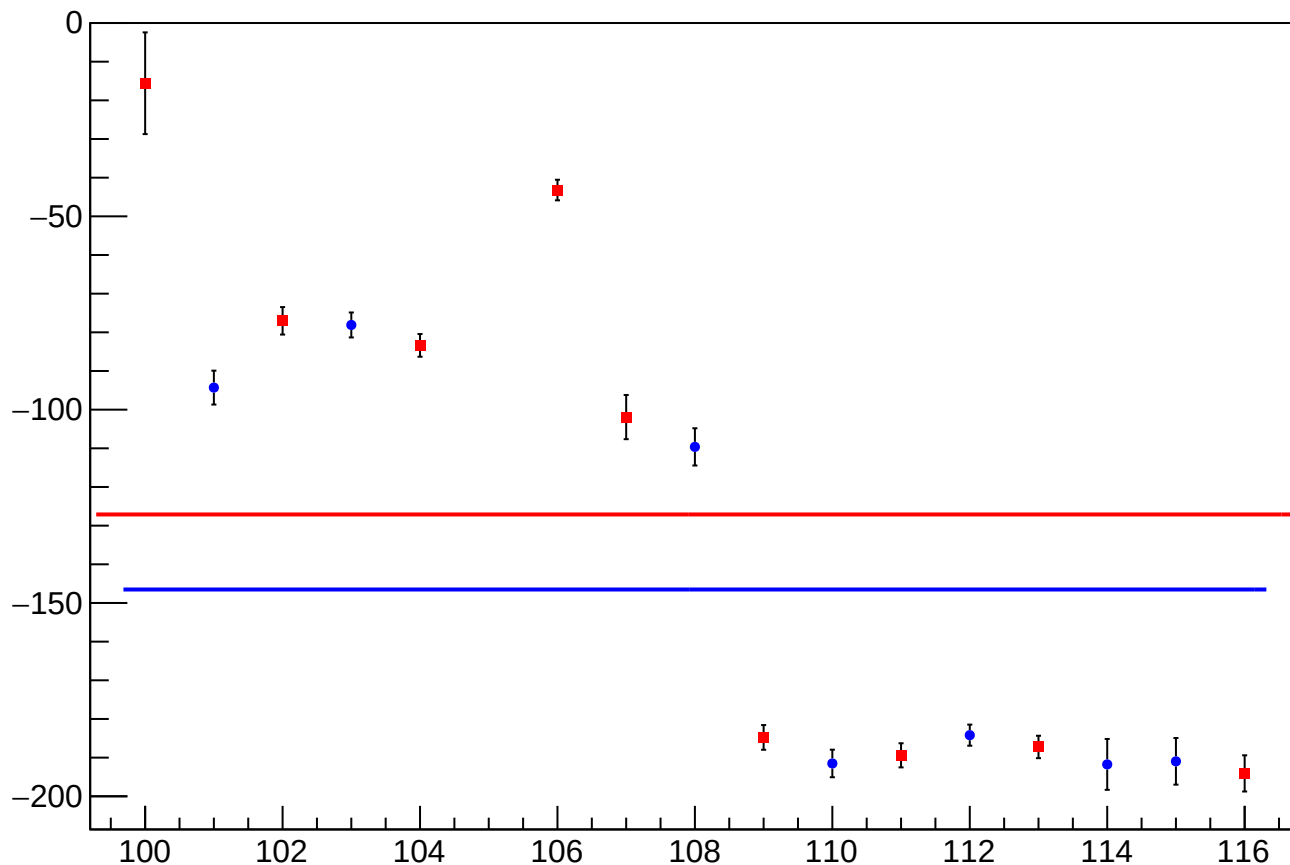
Right: -9.539 $\pm$ 0.984 χ^2 /NDF: 129.6/15

In: -10.992 $\pm$ 1.634 χ^2 /NDF:61.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.539 $\pm$ 0.984 χ^2 /NDF: 129.6/15

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -146.516+/-1.483 χ^2/NDF : 1101.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.106+/-1.164 χ^2/NDF : 2863.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

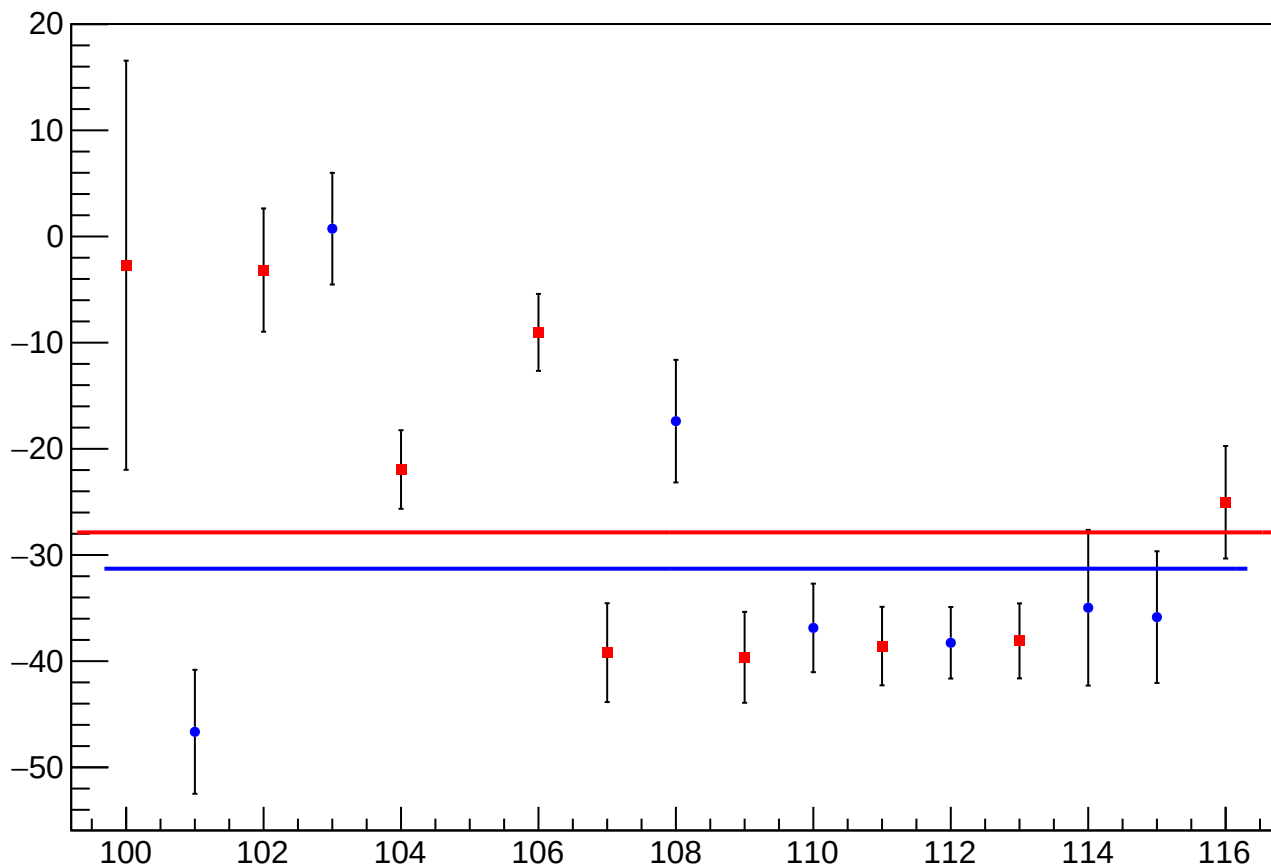
Right: -134.507+/-0.916 χ^2/NDF : 4071.0/15

In: -146.516+/-1.483 χ^2/NDF : 1101.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.507+/-0.916 χ^2/NDF : 4071.0/15

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.290 $\pm$ 1.871 χ^2 /NDF: 56.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.871 $\pm$ 1.457 χ^2 /NDF: 79.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

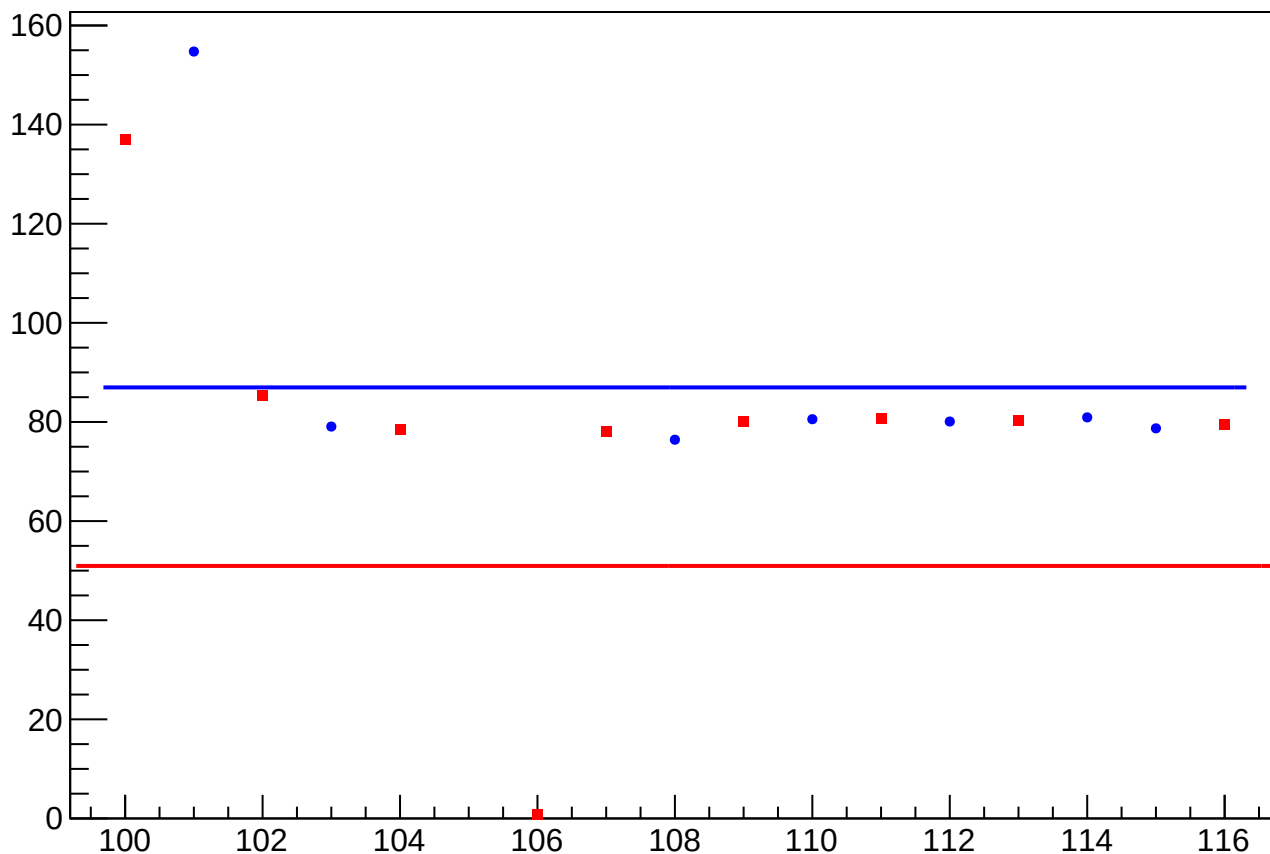
Right: -29.162 $\pm$ 1.149 χ^2 /NDF: 138.6/15

In: -31.290 $\pm$ 1.871 χ^2 /NDF: 56.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.162 $\pm$ 1.149 χ^2 /NDF: 138.6/15

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 86.974+/-0.086 χ^2/NDF : 75180.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.952+/-0.059 χ^2/NDF : 442655.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

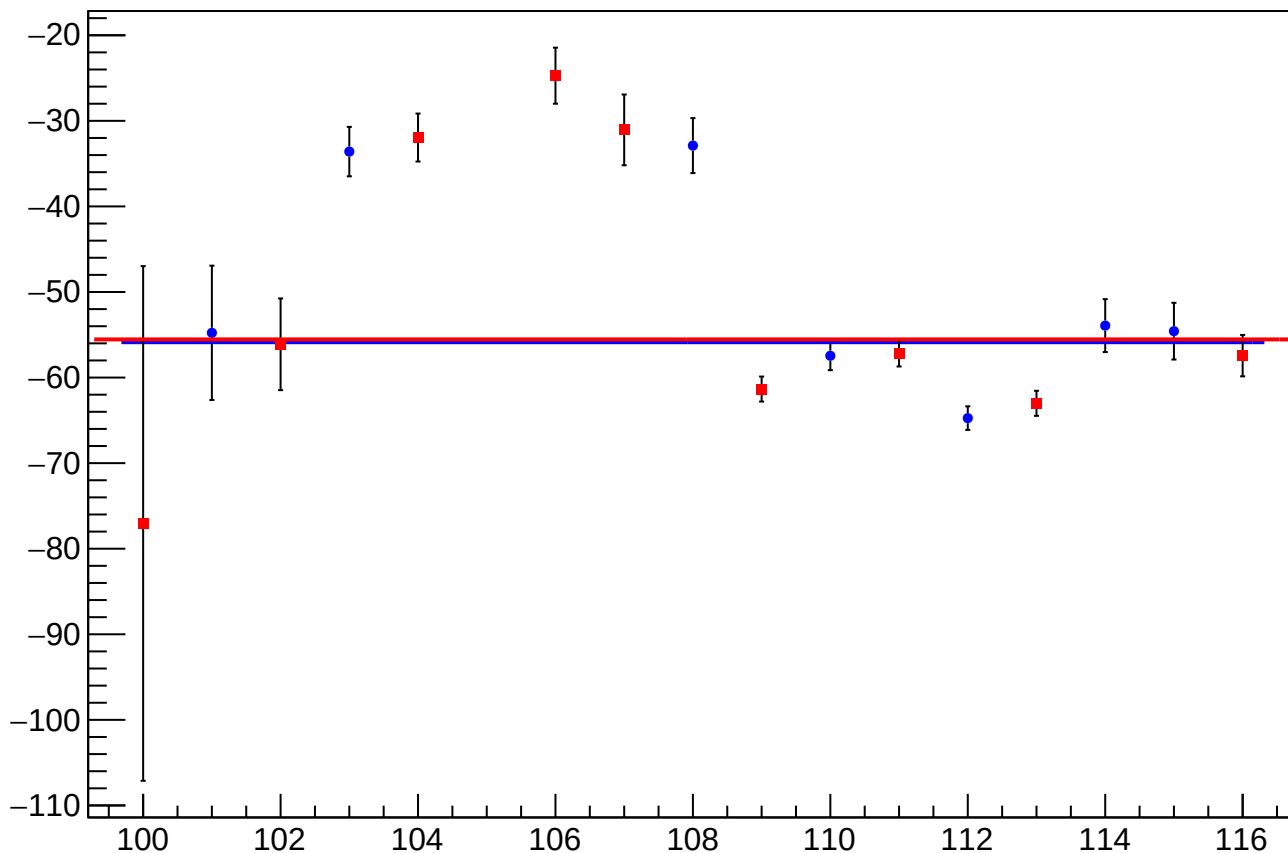
Right: 62.655+/-0.049 χ^2/NDF : 637591.5/15

In: 86.974+/-0.086 χ^2/NDF : 75180.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.655+/-0.049 χ^2/NDF : 637591.5/15

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -55.864 $\pm$ 0.875 χ^2 /NDF: 153.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.541 $\pm$ 0.732 χ^2 /NDF: 238.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

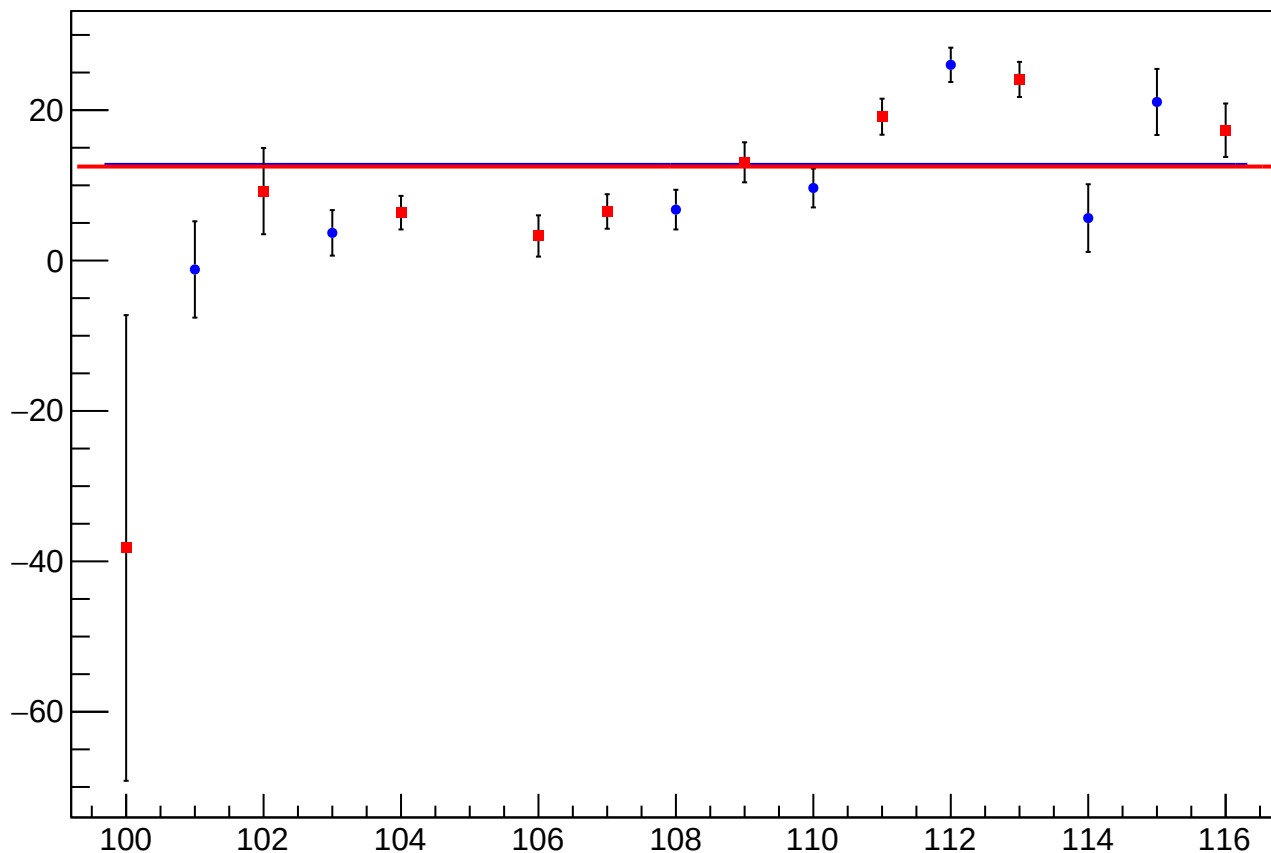
Right: -55.674 $\pm$ 0.561 χ^2 /NDF: 392.1/15

In: -55.864 $\pm$ 0.875 χ^2 /NDF:153.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.674 $\pm$ 0.561 χ^2 /NDF: 392.1/15

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.718+/-1.178 χ^2/NDF : 60.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.500+/-0.940 χ^2/NDF : 62.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

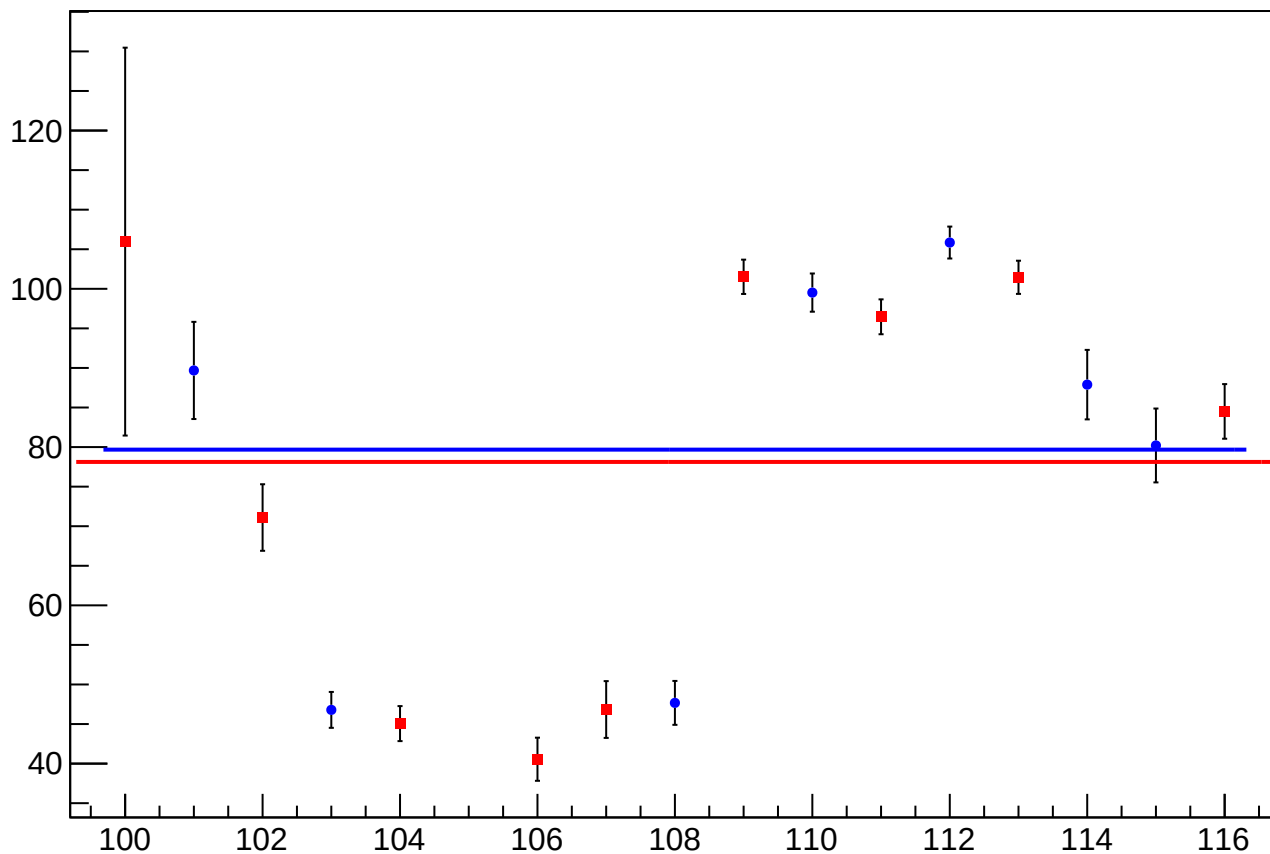
Right: 12.584+/-0.735 χ^2/NDF : 123.0/15

In: 12.718+/-1.178 χ^2/NDF : 60.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.584+/-0.735 χ^2/NDF : 123.0/15

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 79.677+/-1.075 χ^2 /NDF: 585.3/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 78.123+/-0.911 χ^2 /NDF: 806.7/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

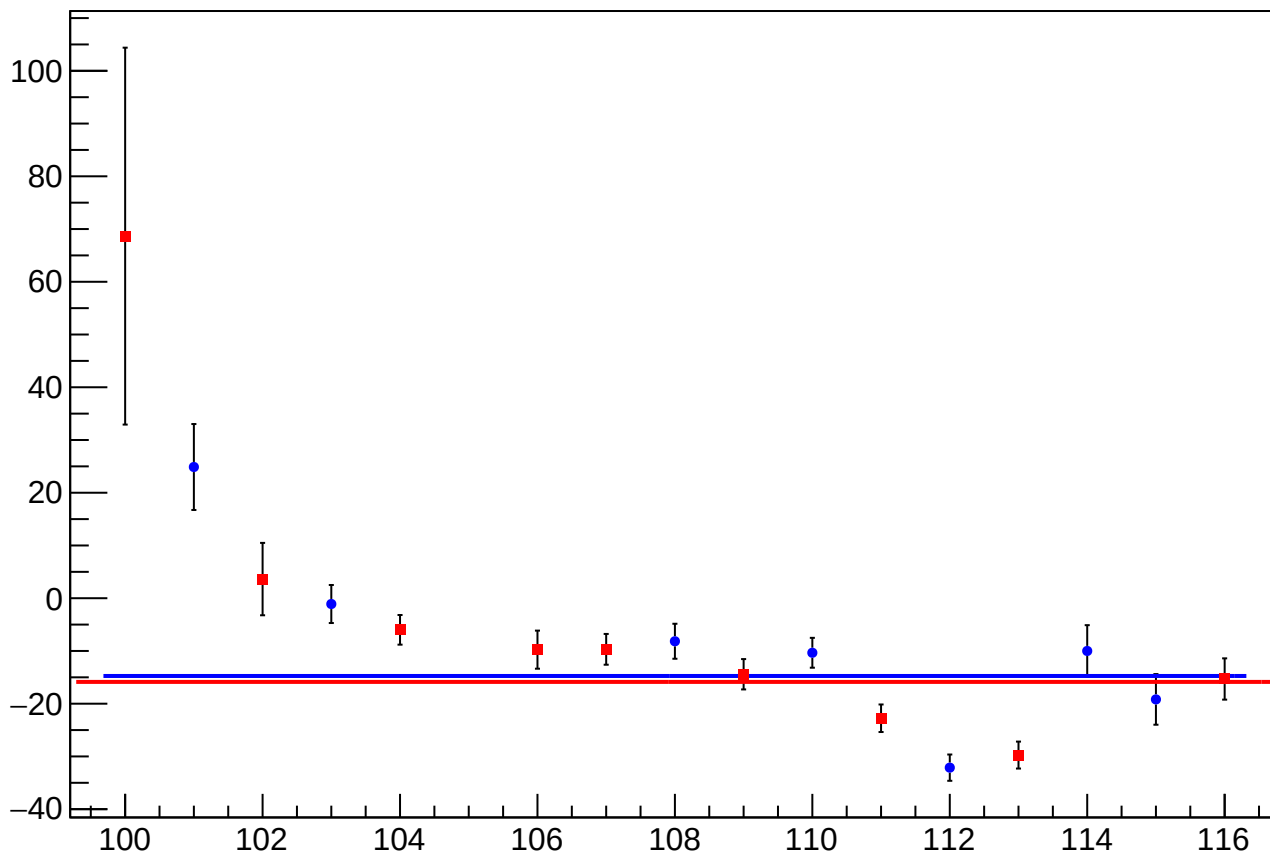
Right: 78.773+/-0.695 χ^2 /NDF: 1393.2/15

In: 79.677+/-1.075 χ^2 /NDF:585.3/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 78.773+/-0.695 χ^2 /NDF: 1393.2/15

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.744 $\pm$ 1.344 χ^2 /NDF: 94.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.868 $\pm$ 1.099 χ^2 /NDF: 70.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

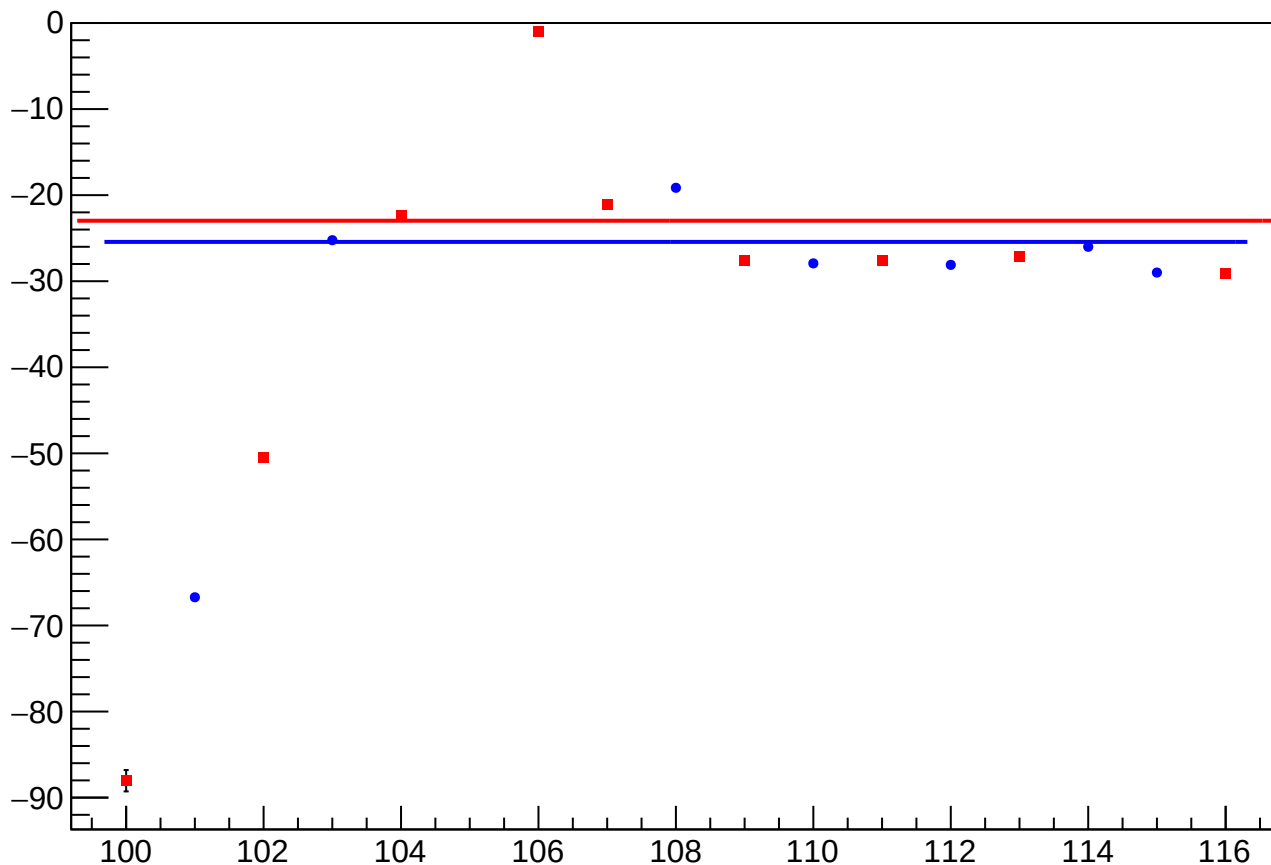
Right: -15.418 $\pm$ 0.851 χ^2 /NDF: 165.2/15

In: -14.744 $\pm$ 1.344 χ^2 /NDF: 94.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.418 $\pm$ 0.851 χ^2 /NDF: 165.2/15

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.433 $\pm$ 0.060 χ^2 /NDF: 16555.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.974 $\pm$ 0.052 χ^2 /NDF: 59633.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

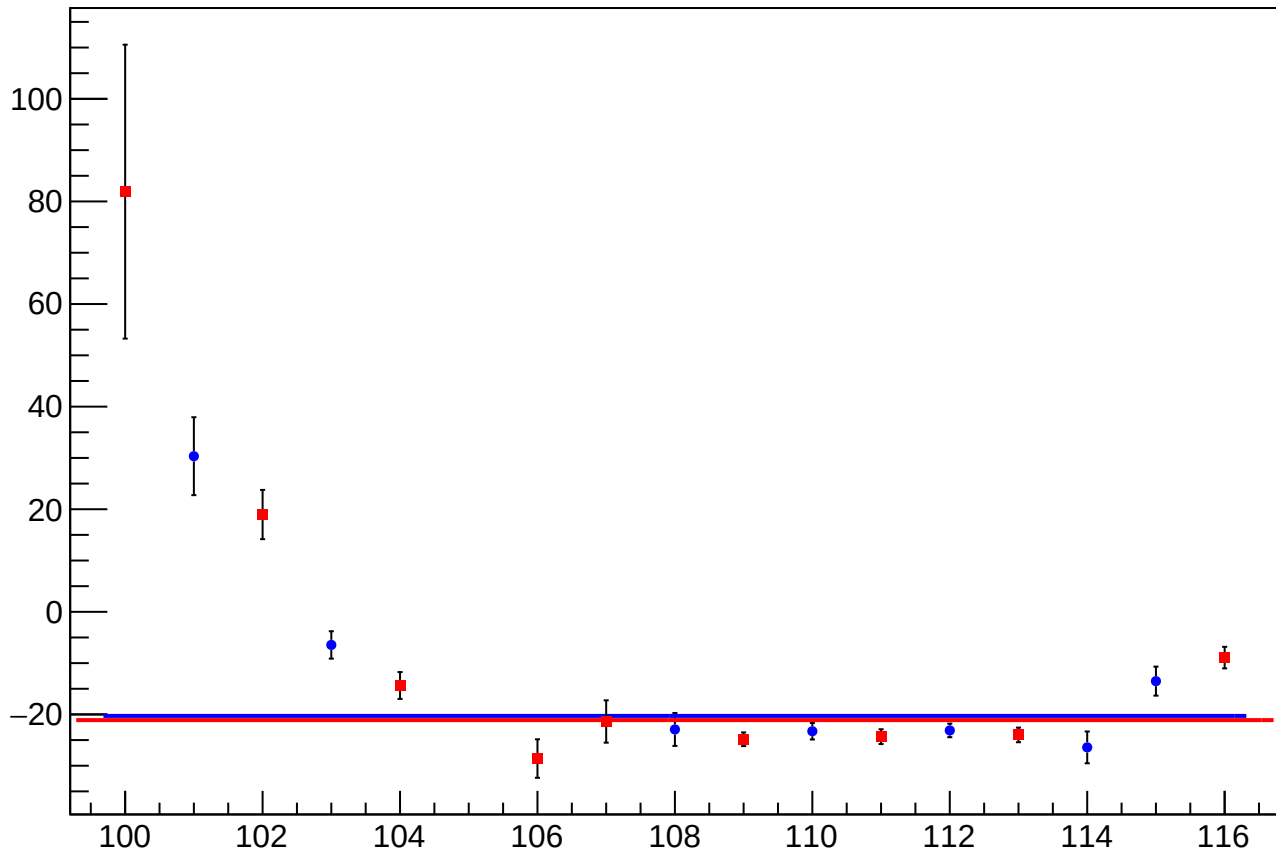
Right: -24.043 $\pm$ 0.039 χ^2 /NDF: 77144.1/15

In: -25.433 $\pm$ 0.060 χ^2 /NDF:16555.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.043 $\pm$ 0.039 χ^2 /NDF: 77144.1/15

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.288+/-0.833 χ^2/NDF : 89.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.109+/-0.693 χ^2/NDF : 143.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

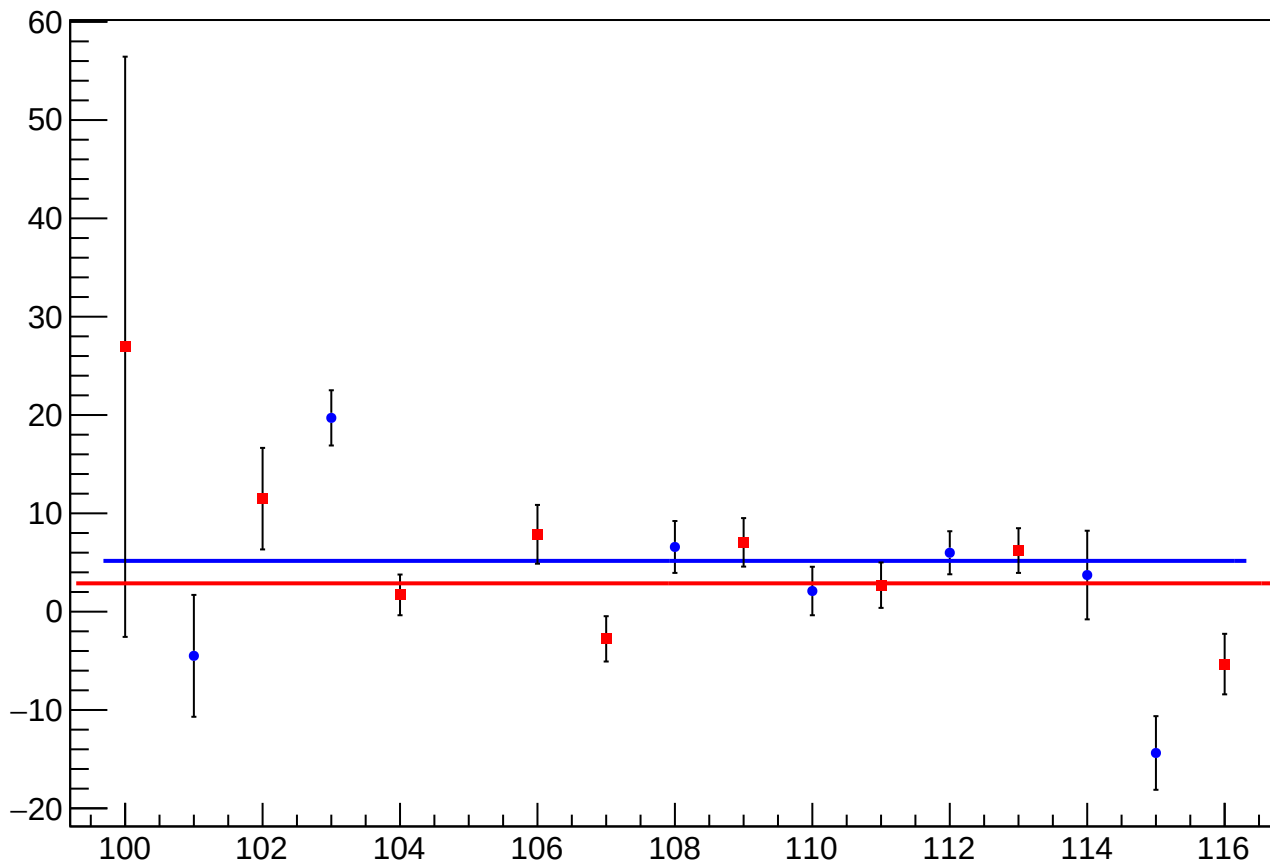
Right: -20.773+/-0.533 χ^2/NDF : 234.0/15

In: -20.288+/-0.833 χ^2/NDF : 89.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.773+/-0.533 χ^2/NDF : 234.0/15

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.165+/-1.125 χ^2/NDF : 58.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.880+/-0.904 χ^2/NDF : 24.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

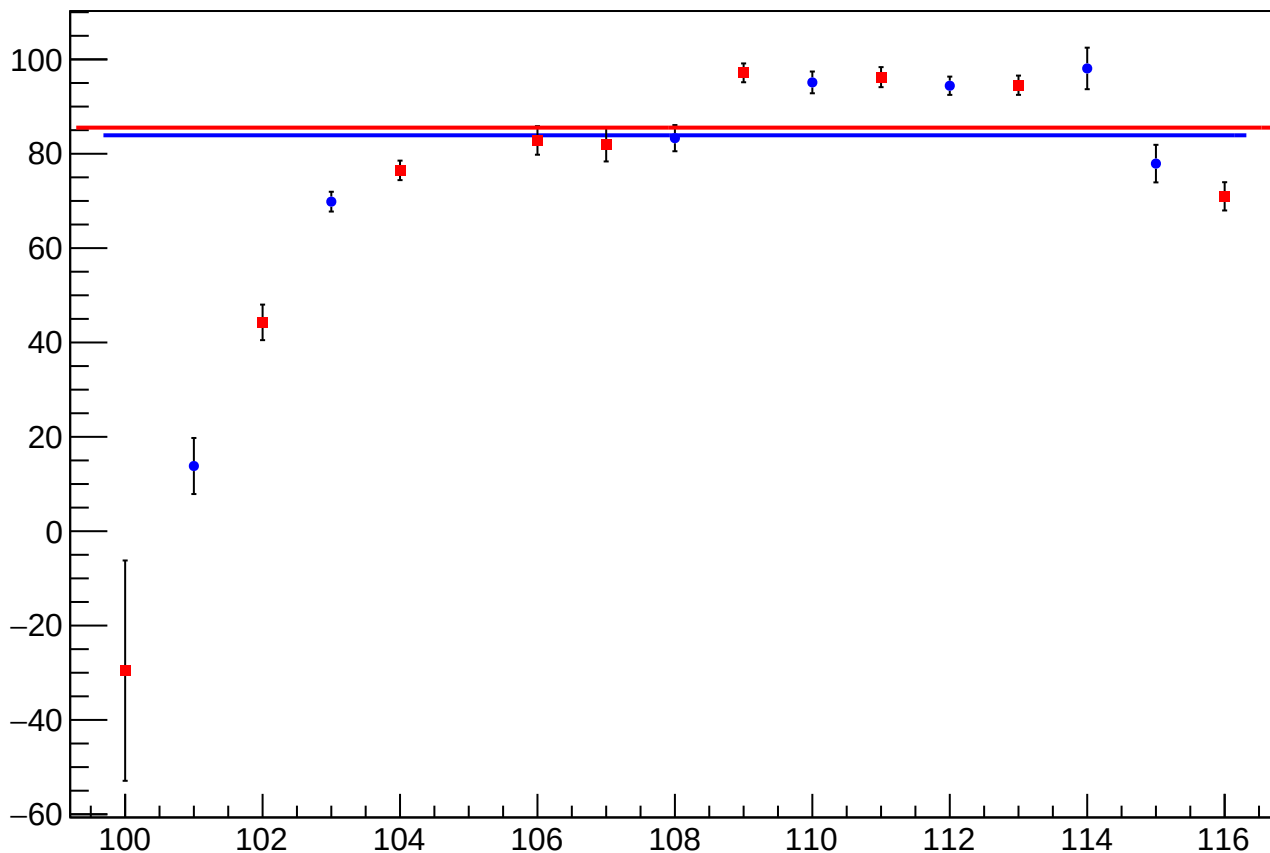
Right: 3.777+/-0.705 χ^2/NDF : 85.7/15

In: 5.165+/-1.125 χ^2/NDF : 58.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.777+/-0.705 χ^2/NDF : 85.7/15

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 83.912+/-1.023 χ^2 /NDF: 250.0/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 85.539+/-0.871 χ^2 /NDF: 267.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

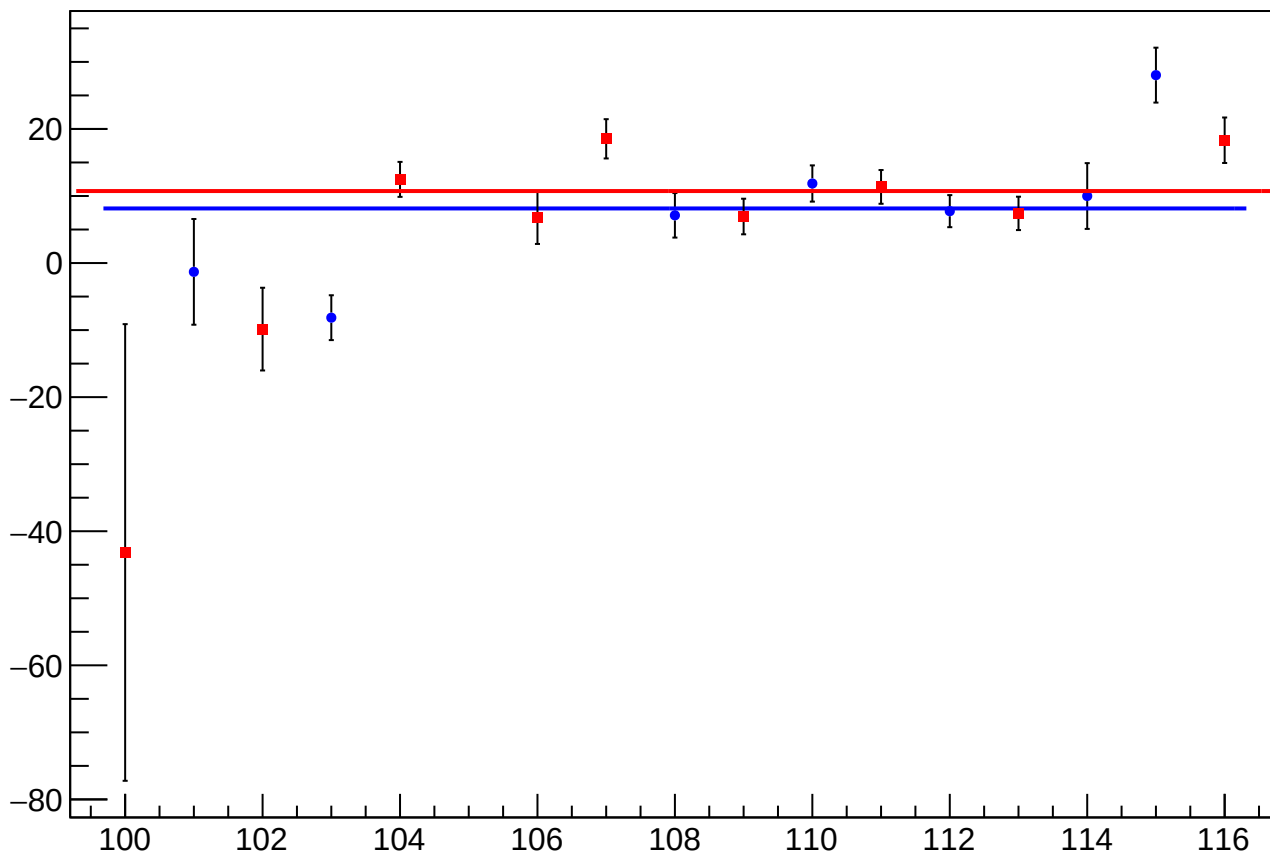
Right: 84.855+/-0.663 χ^2 /NDF: 519.1/15

In: 83.912+/-1.023 χ^2 /NDF:250.0/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 84.855+/-0.663 χ^2 /NDF: 519.1/15

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.143+/-1.281 χ^2/NDF : 50.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.738+/-1.052 χ^2/NDF : 31.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

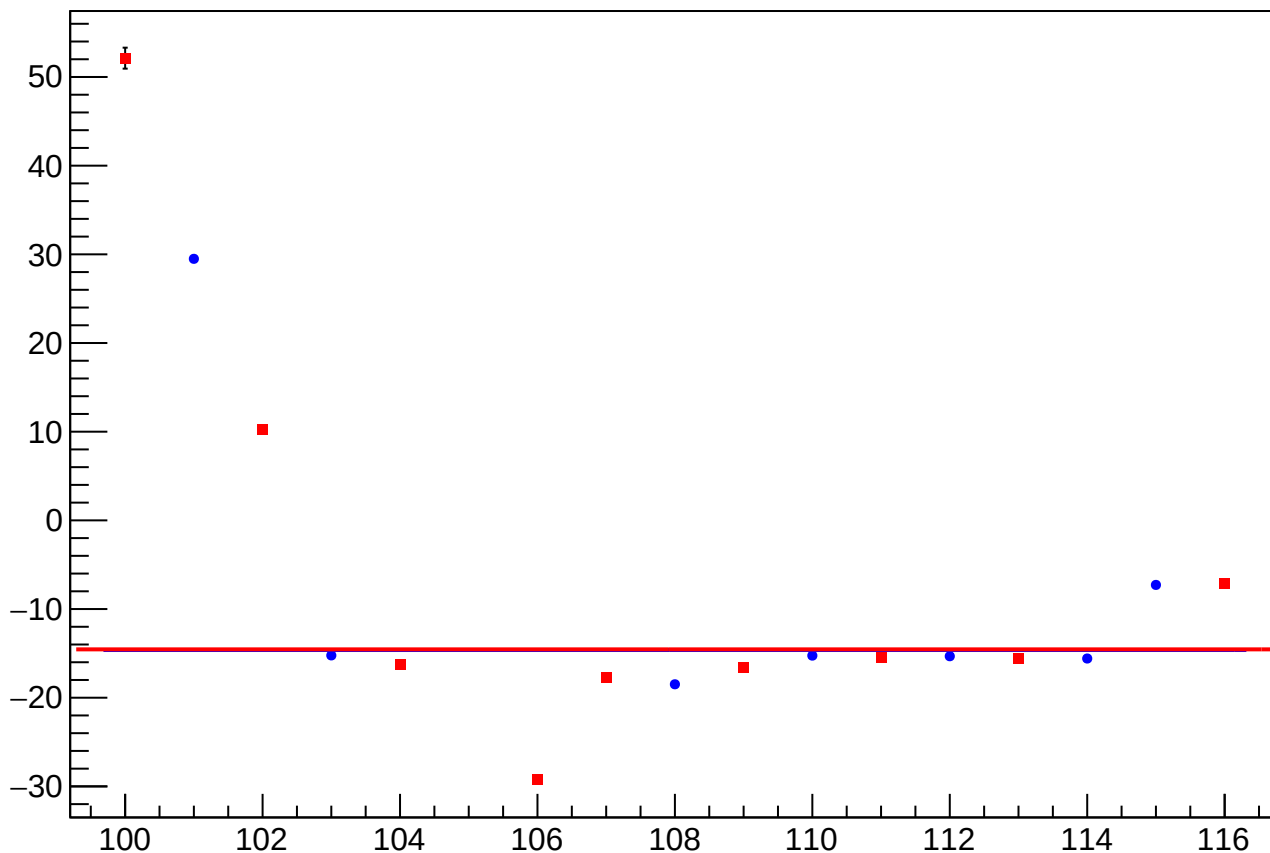
Right: 9.693+/-0.813 χ^2/NDF : 84.4/15

In: 8.143+/-1.281 χ^2/NDF : 50.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.693+/-0.813 χ^2/NDF : 84.4/15

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.620+/-0.057 χ^2/NDF : 17590.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.548+/-0.051 χ^2/NDF : 38893.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

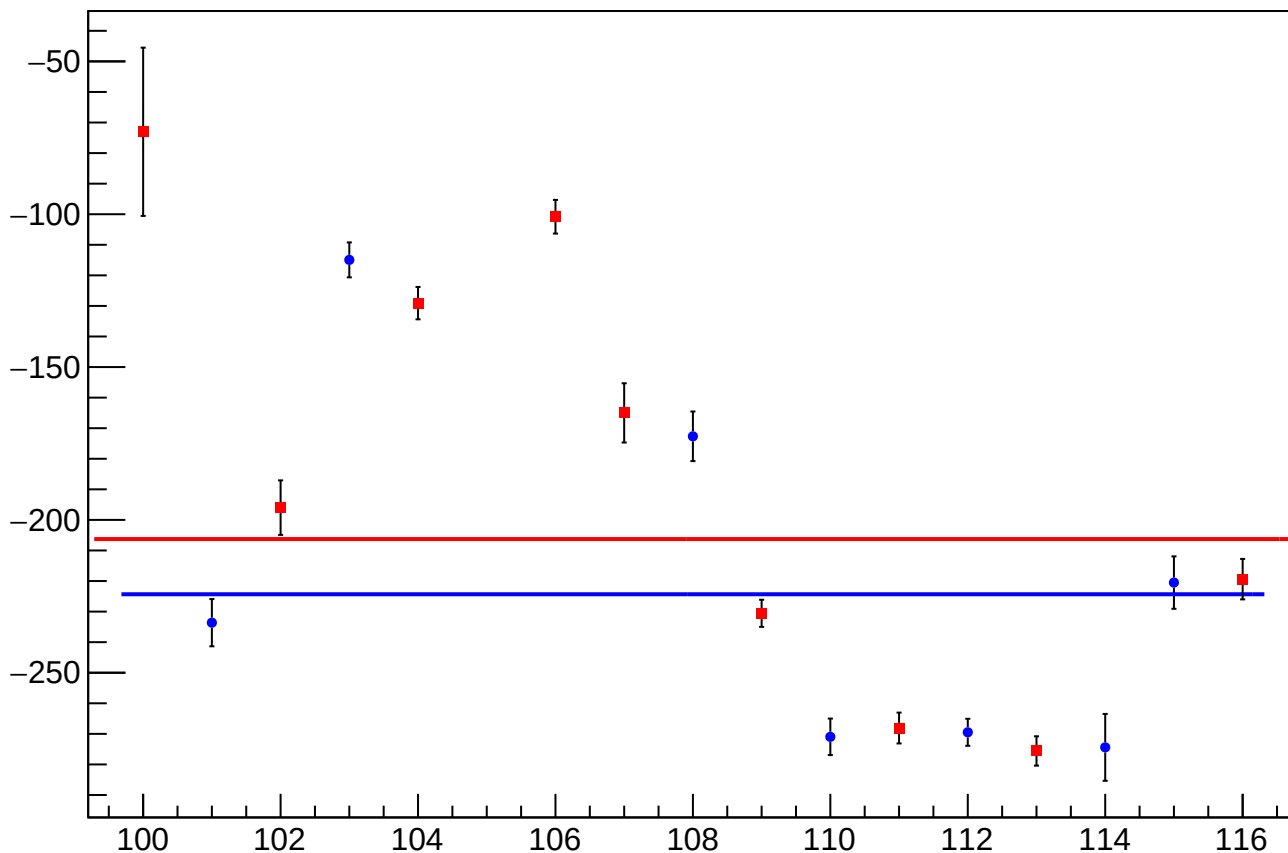
Right: -14.580+/-0.038 χ^2/NDF : 56484.3/15

In: -14.620+/-0.057 χ^2/NDF : 17590.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.580+/-0.038 χ^2/NDF : 56484.3/15

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -224.325+/-2.471 χ^2 /NDF: 595.6/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -206.267+/-2.002 χ^2 /NDF: 1014.6/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

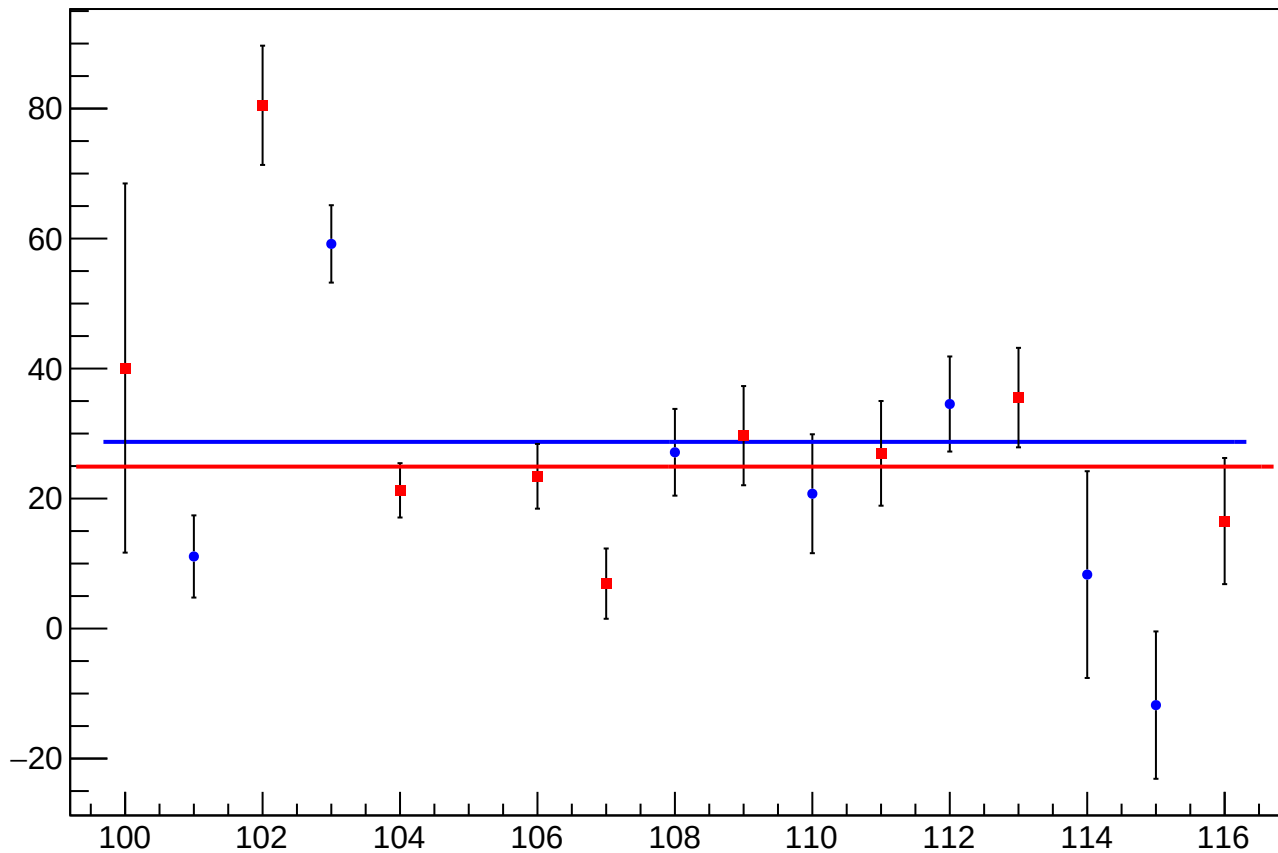
Right: -213.425+/-1.556 χ^2 /NDF: 1642.5/15

In: -224.325+/-2.471 χ^2 /NDF:595.6/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -213.425+/-1.556 χ^2 /NDF: 1642.5/15

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.721+/-2.910 χ^2/NDF : 49.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.914+/-2.208 χ^2/NDF : 52.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

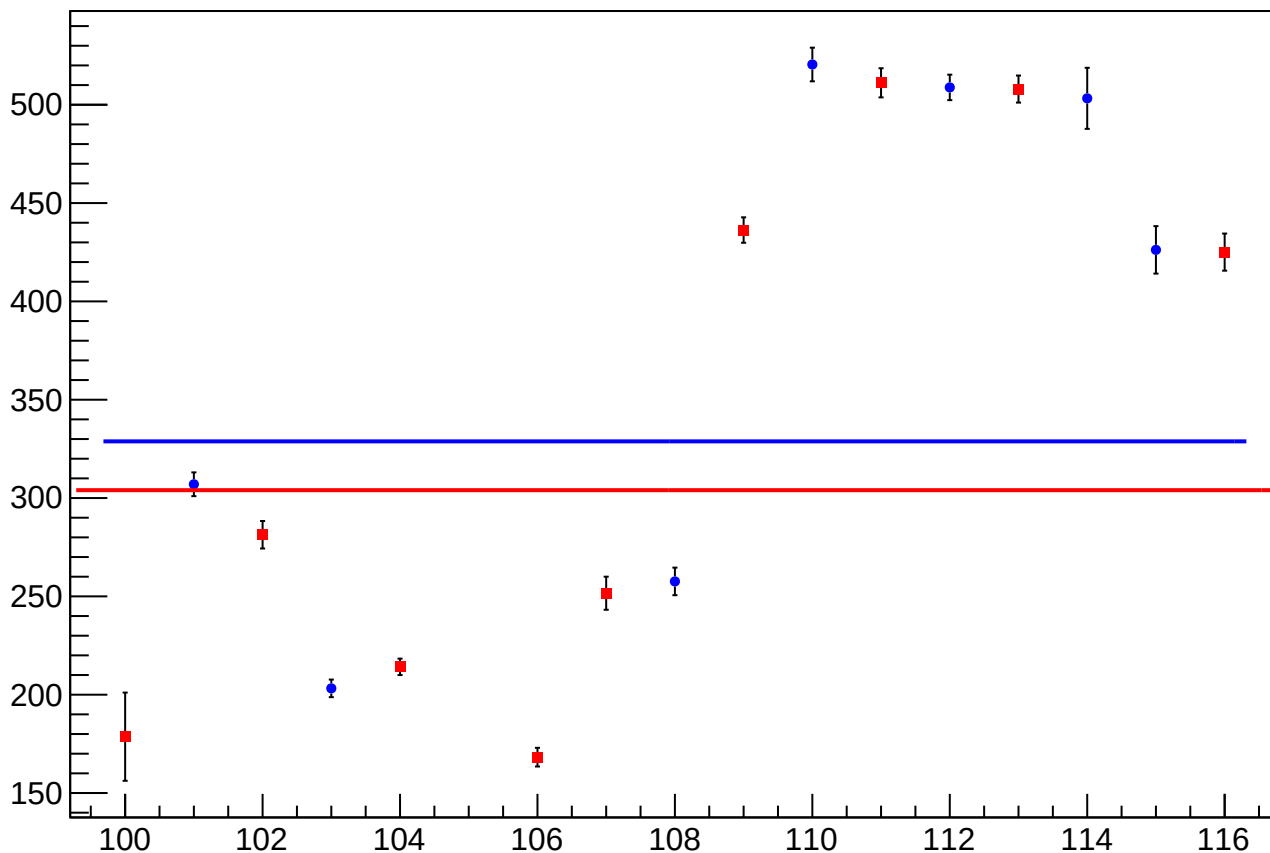
Right: 26.305+/-1.759 χ^2/NDF : 103.0/15

In: 28.721+/-2.910 χ^2/NDF : 49.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.305+/-1.759 χ^2/NDF : 103.0/15

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 328.826+/-2.617 χ^2/NDF : 2368.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.000+/-2.168 χ^2/NDF : 3603.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

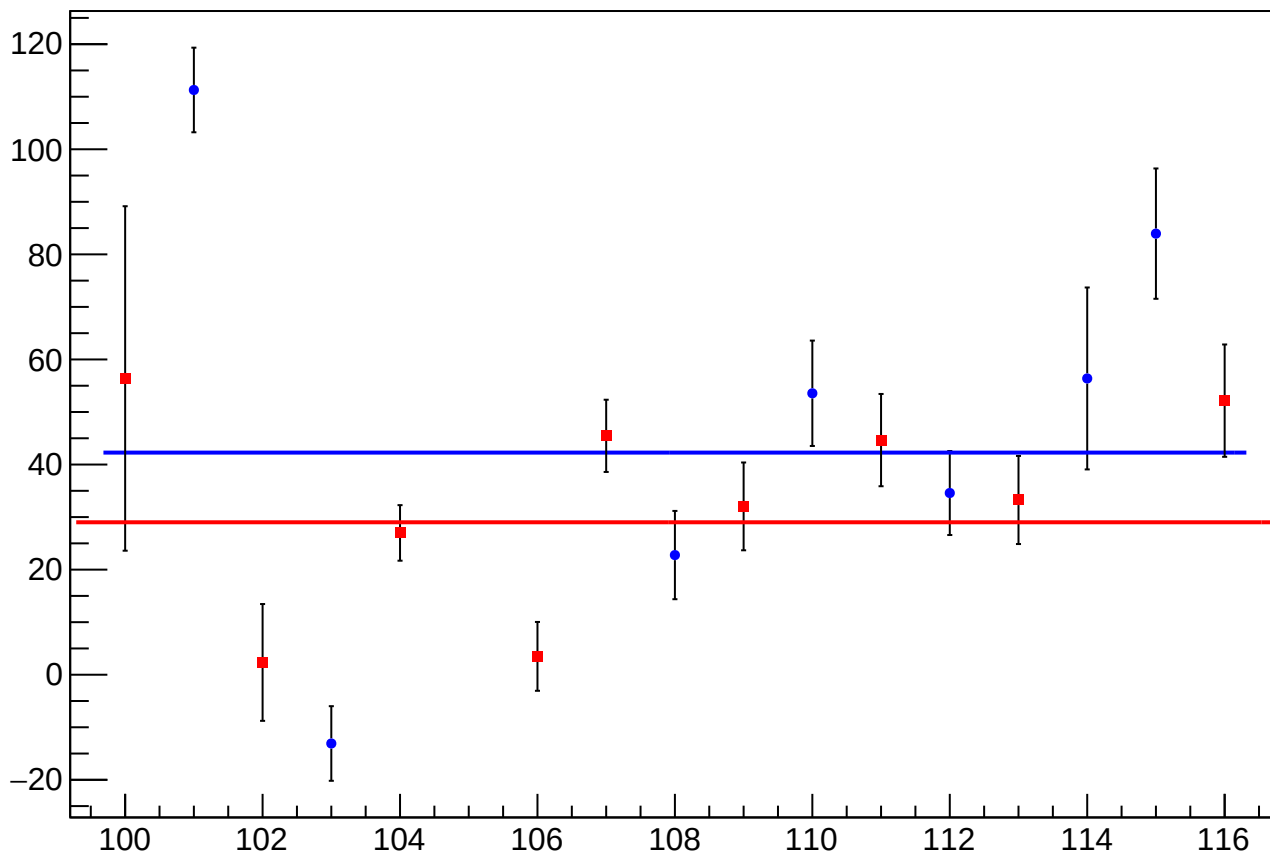
Right: 314.107+/-1.670 χ^2/NDF : 6025.2/15

In: 328.826+/-2.617 χ^2/NDF : 2368.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.107+/-1.670 χ^2/NDF : 6025.2/15

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.274 $\pm$ 3.433 χ^2 /NDF: 153.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.013 $\pm$ 2.677 χ^2 /NDF: 35.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

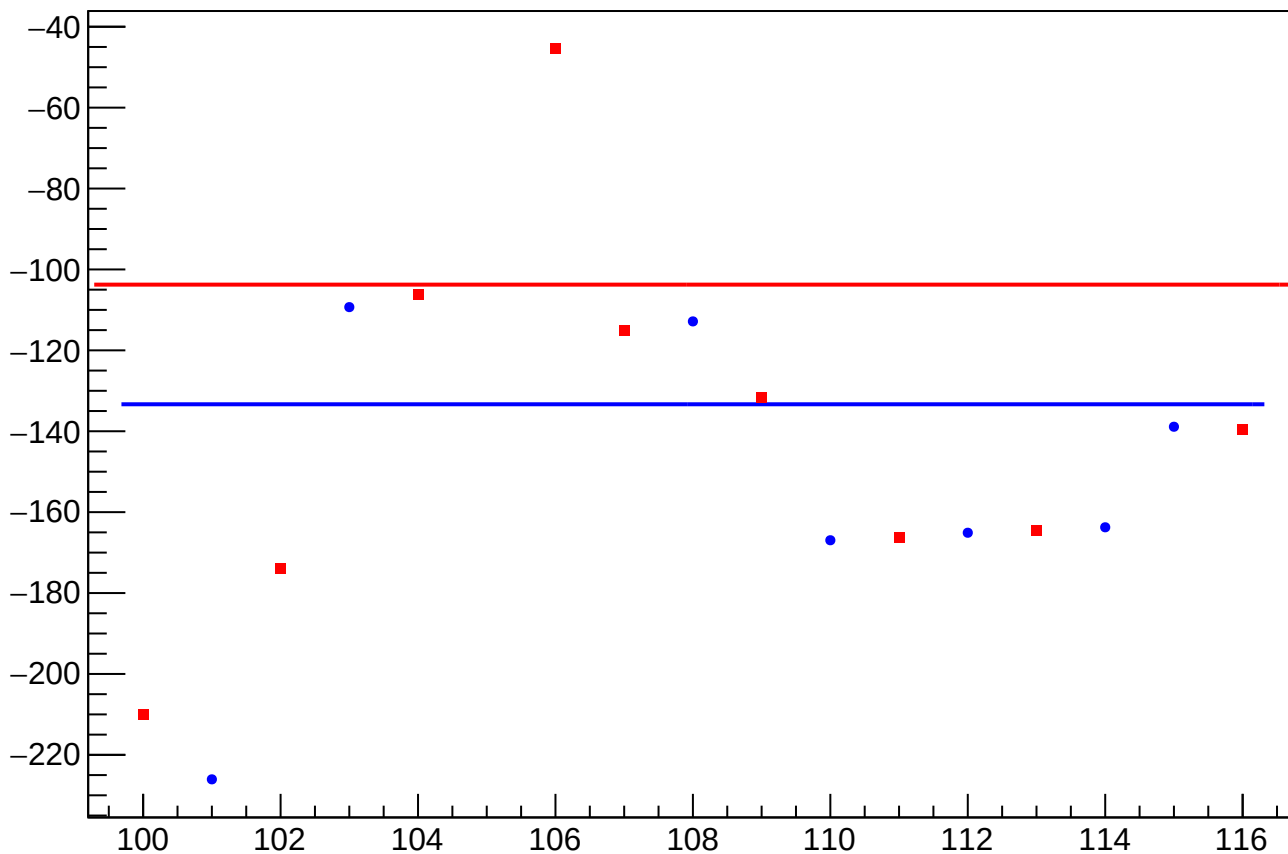
Right: 34.028 $\pm$ 2.111 χ^2 /NDF: 198.8/15

In: 42.274 $\pm$ 3.433 χ^2 /NDF: 153.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.028 $\pm$ 2.111 χ^2 /NDF: 198.8/15

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -133.332+/-0.134 χ^2/NDF : 94422.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.754+/-0.107 χ^2/NDF : 190549.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

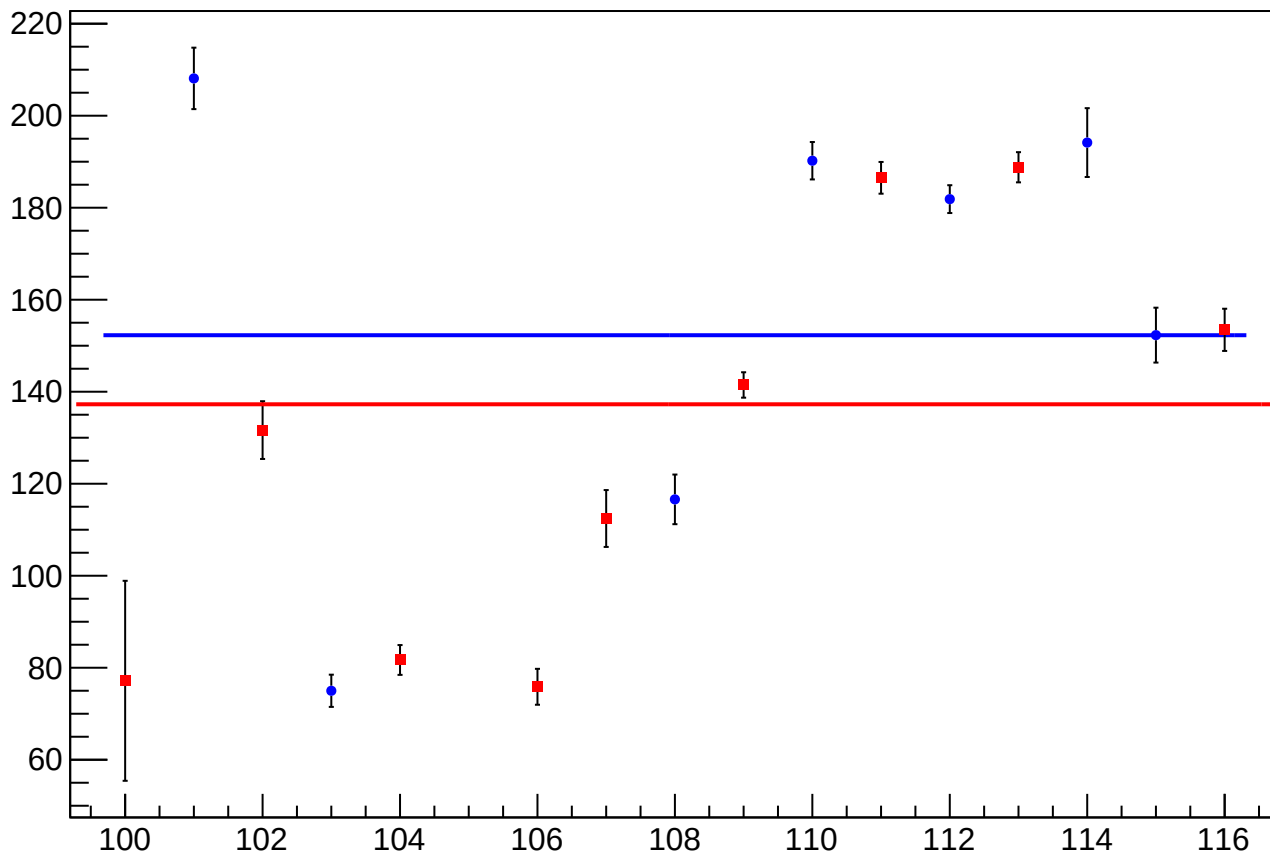
Right: -115.361+/-0.084 χ^2/NDF : 314739.8/15

In: -133.332+/-0.134 χ^2/NDF : 94422.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.361+/-0.084 χ^2/NDF : 314739.8/15

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 152.283+/-1.681 χ^2/NDF : 814.7/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 137.270+/-1.325 χ^2/NDF : 1031.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

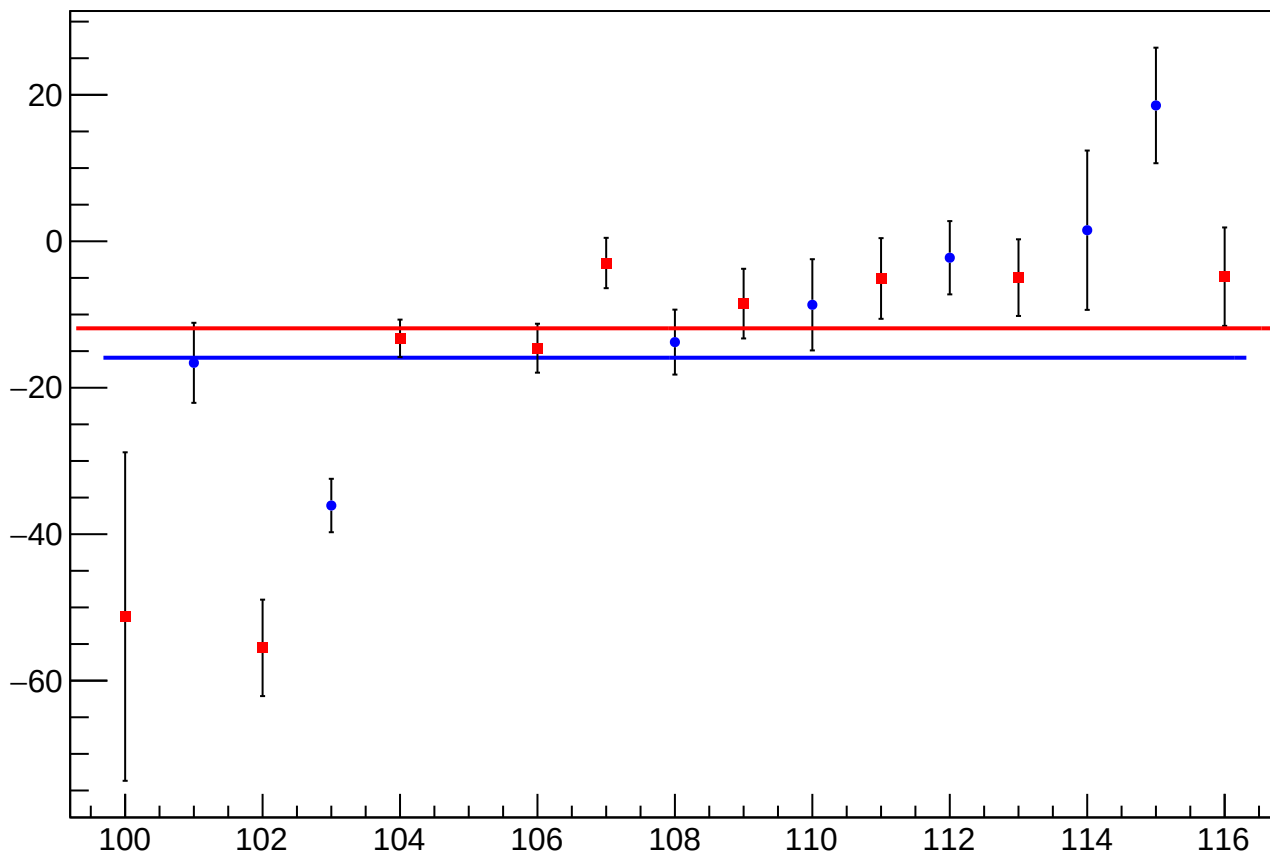
Right: 143.022+/-1.040 χ^2/NDF : 1895.0/15

In: 152.283+/-1.681 χ^2/NDF :814.7/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.022+/-1.040 χ^2/NDF : 1895.0/15

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.900+/-2.001 χ^2/NDF : 61.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.885+/-1.432 χ^2/NDF : 59.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

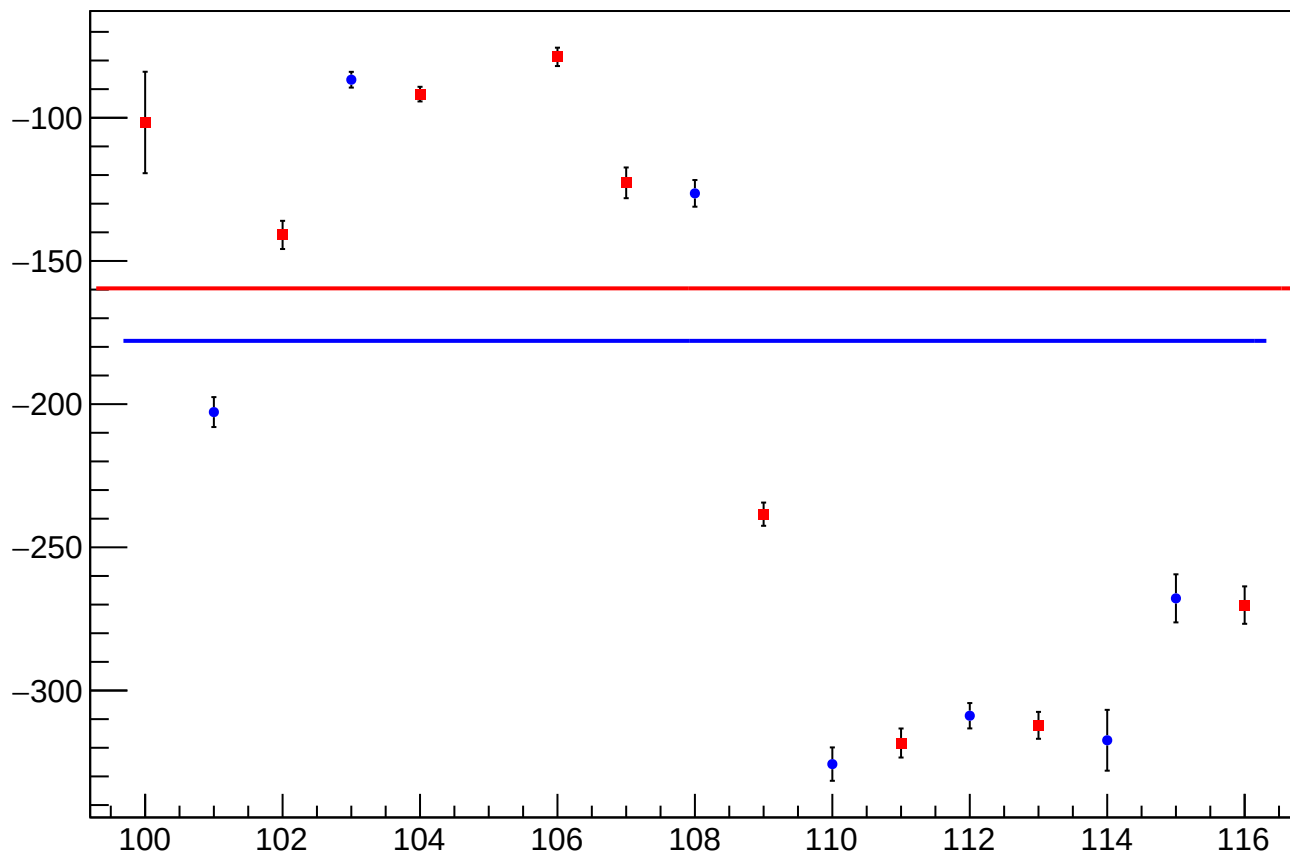
Right: -13.245+/-1.165 χ^2/NDF : 123.5/15

In: -15.900+/-2.001 χ^2/NDF : 61.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.245+/-1.165 χ^2/NDF : 123.5/15

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -177.900+/-1.772 χ^2 /NDF: 3049.7/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -159.568+/-1.418 χ^2 /NDF: 4109.3/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

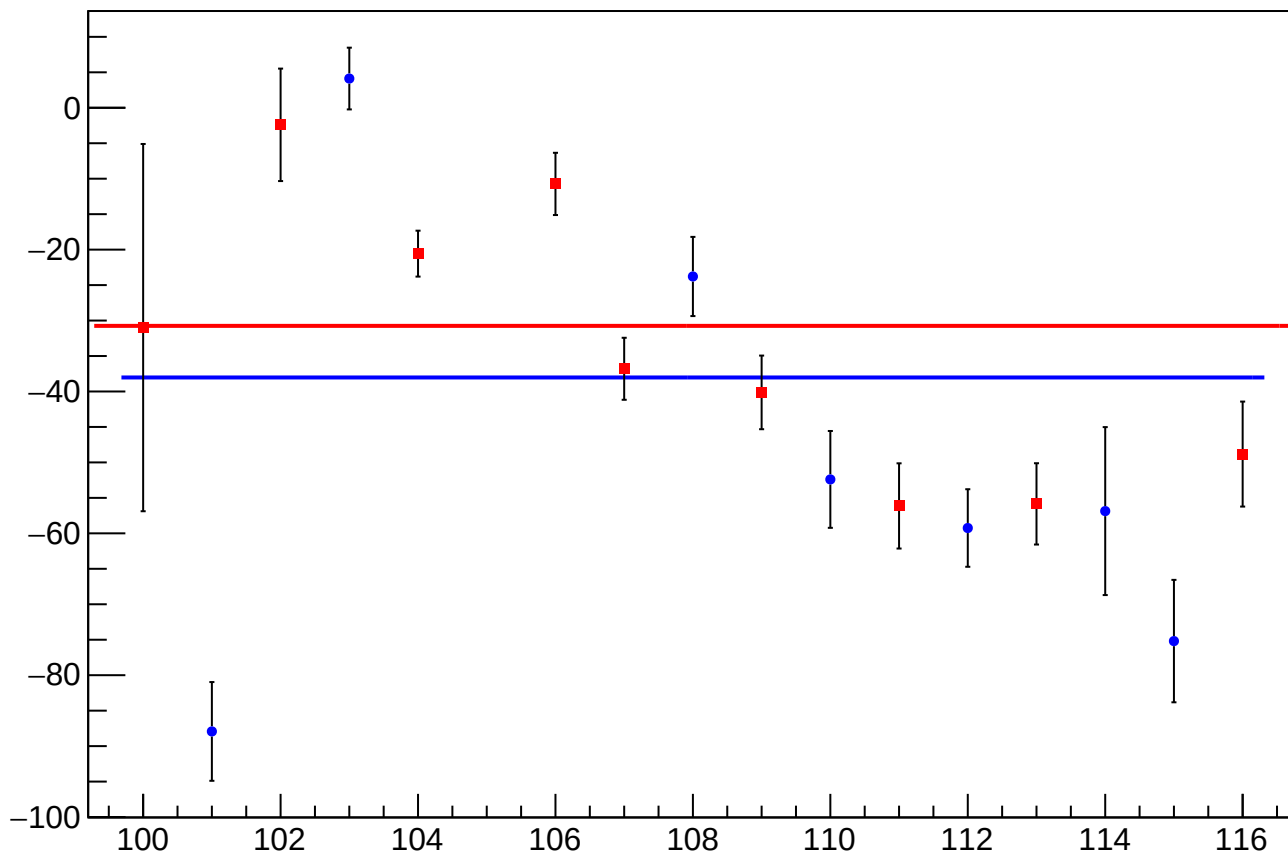
Right: -166.723+/-1.107 χ^2 /NDF: 7224.3/15

In: -177.900+/-1.772 χ^2 /NDF:3049.7/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -166.723+/-1.107 χ^2 /NDF: 7224.3/15

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.024 $\pm$ 2.351 χ^2 /NDF: 192.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.749 $\pm$ 1.739 χ^2 /NDF: 91.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

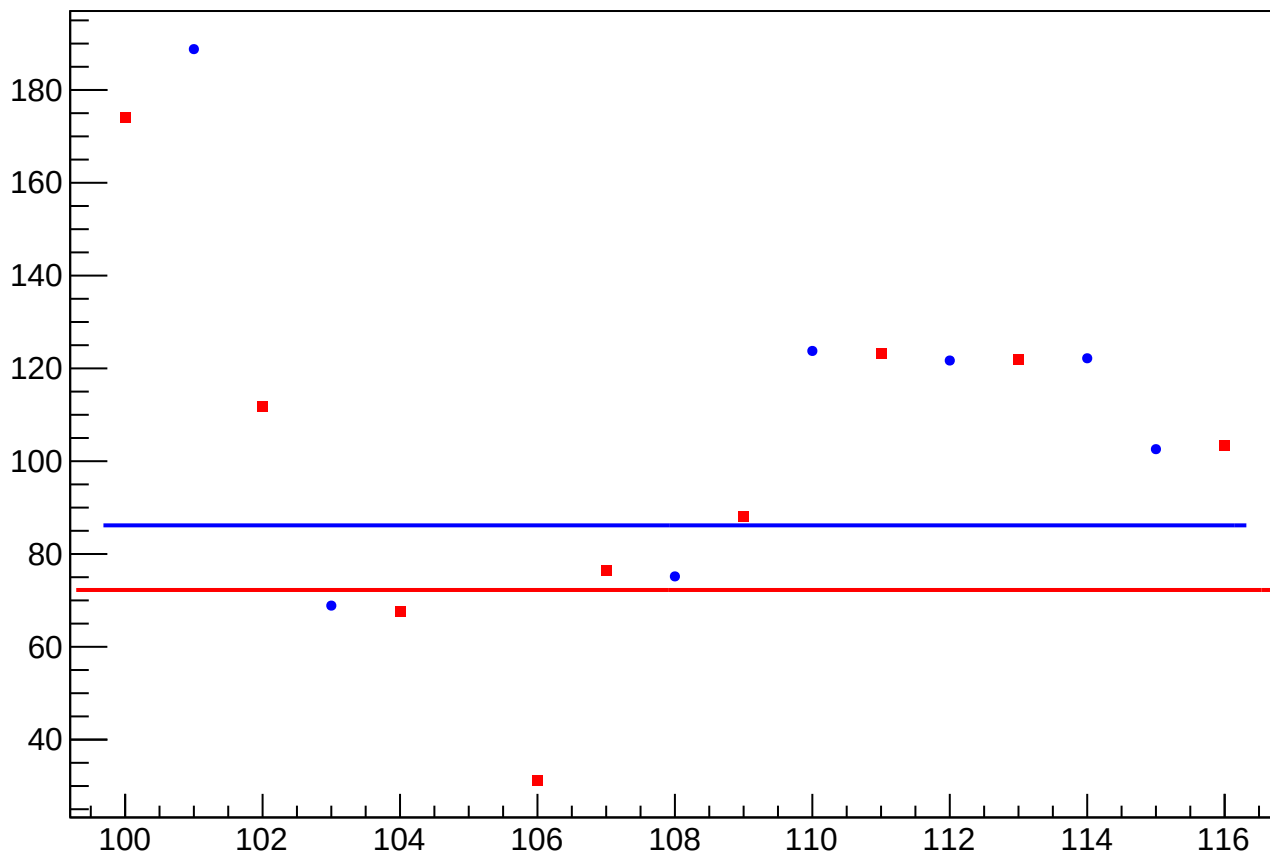
Right: -33.322 $\pm$ 1.398 χ^2 /NDF: 290.1/15

In: -38.024 $\pm$ 2.351 χ^2 /NDF:192.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.322 $\pm$ 1.398 χ^2 /NDF: 290.1/15

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 86.174+/-0.088 χ^2/NDF : 153402.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.247+/-0.073 χ^2/NDF : 167552.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

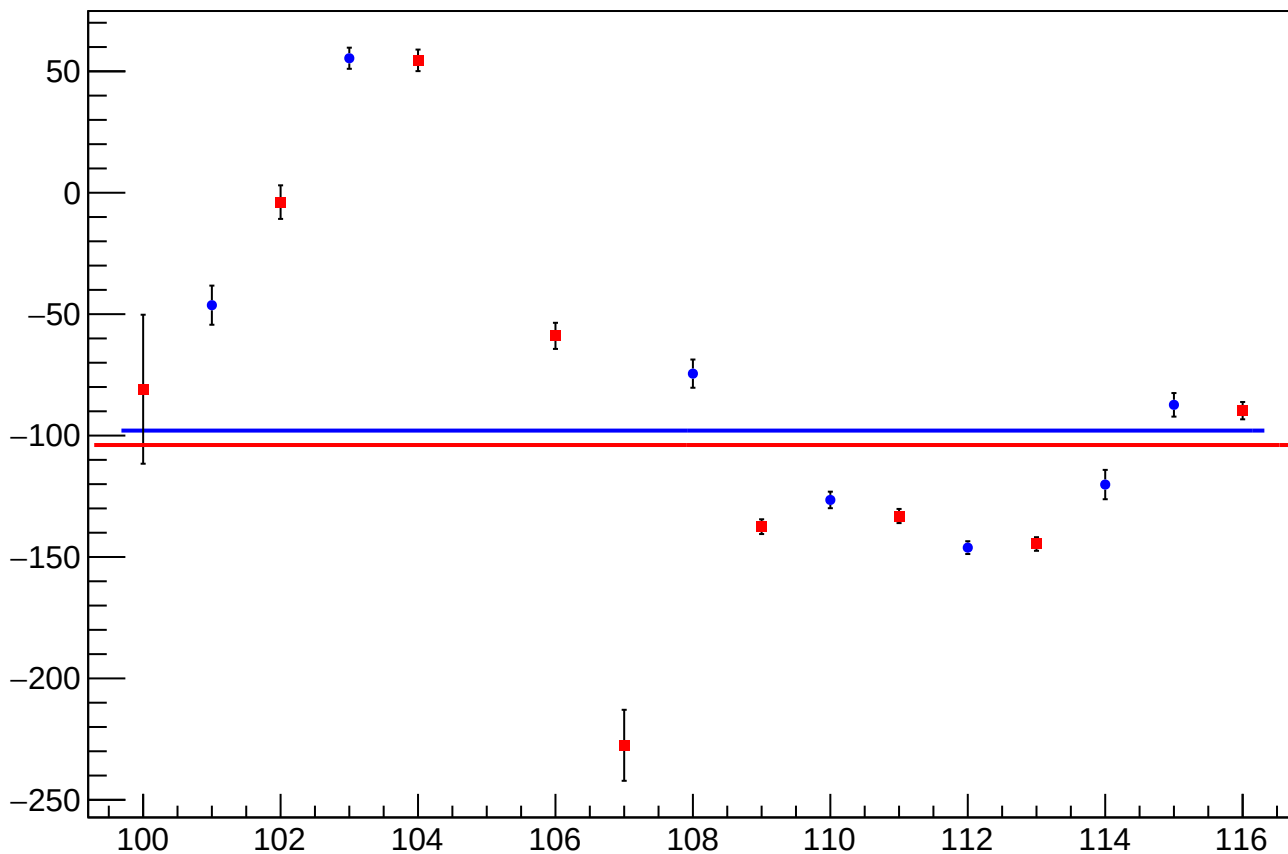
Right: 77.958+/-0.056 χ^2/NDF : 335796.6/15

In: 86.174+/-0.088 χ^2/NDF : 153402.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.958+/-0.056 χ^2/NDF : 335796.6/15

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -97.944 $\pm$ 1.584 χ^2 /NDF: 1723.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -103.886 $\pm$ 1.356 χ^2 /NDF: 2077.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

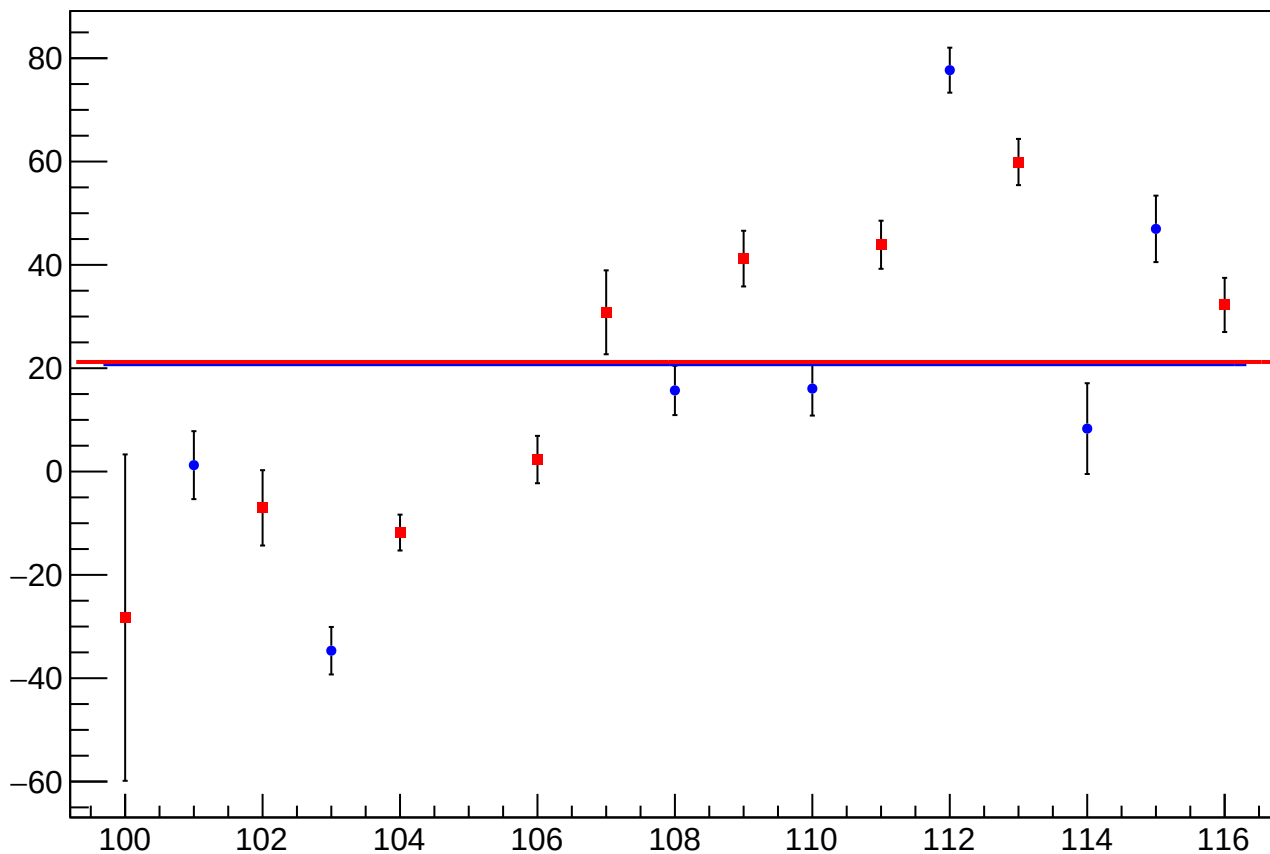
Right: -101.373 $\pm$ 1.030 χ^2 /NDF: 3808.6/15

In: -97.944 $\pm$ 1.584 χ^2 /NDF:1723.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -101.373 $\pm$ 1.030 χ^2 /NDF: 3808.6/15

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.778+/-2.038 χ^2/NDF : 345.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.207+/-1.734 χ^2/NDF : 243.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

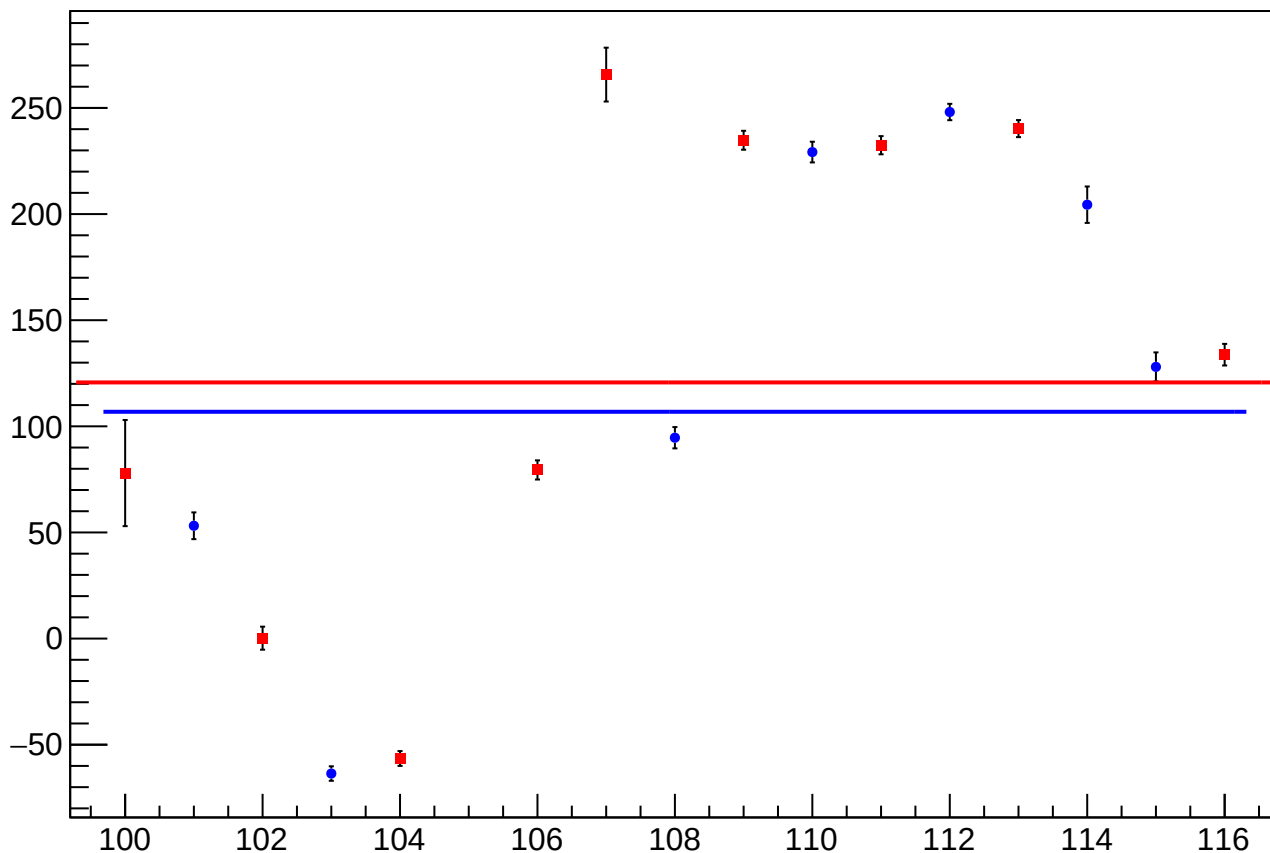
Right: 21.027+/-1.321 χ^2/NDF : 588.8/15

In: 20.778+/-2.038 χ^2/NDF : 345.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.027+/-1.321 χ^2/NDF : 588.8/15

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 106.854+/-1.841 χ^2/NDF : 4680.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 120.680+/-1.626 χ^2/NDF : 5506.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

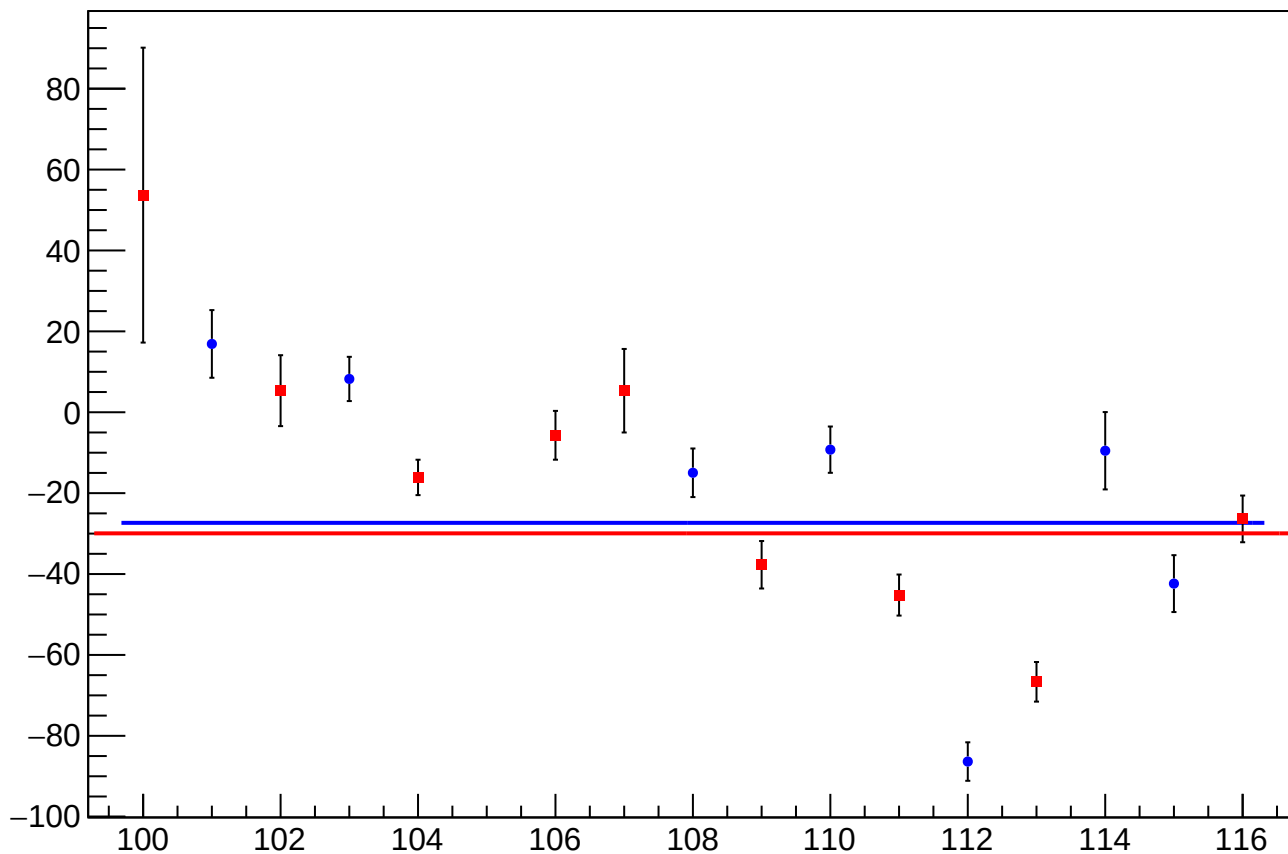
Right: 114.621+/-1.219 χ^2/NDF : 10218.6/15

In: 106.854+/-1.841 χ^2/NDF :4680.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 114.621+/-1.219 χ^2/NDF : 10218.6/15

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.342+/-2.349 χ^2/NDF : 246.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.941+/-2.031 χ^2/NDF : 126.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

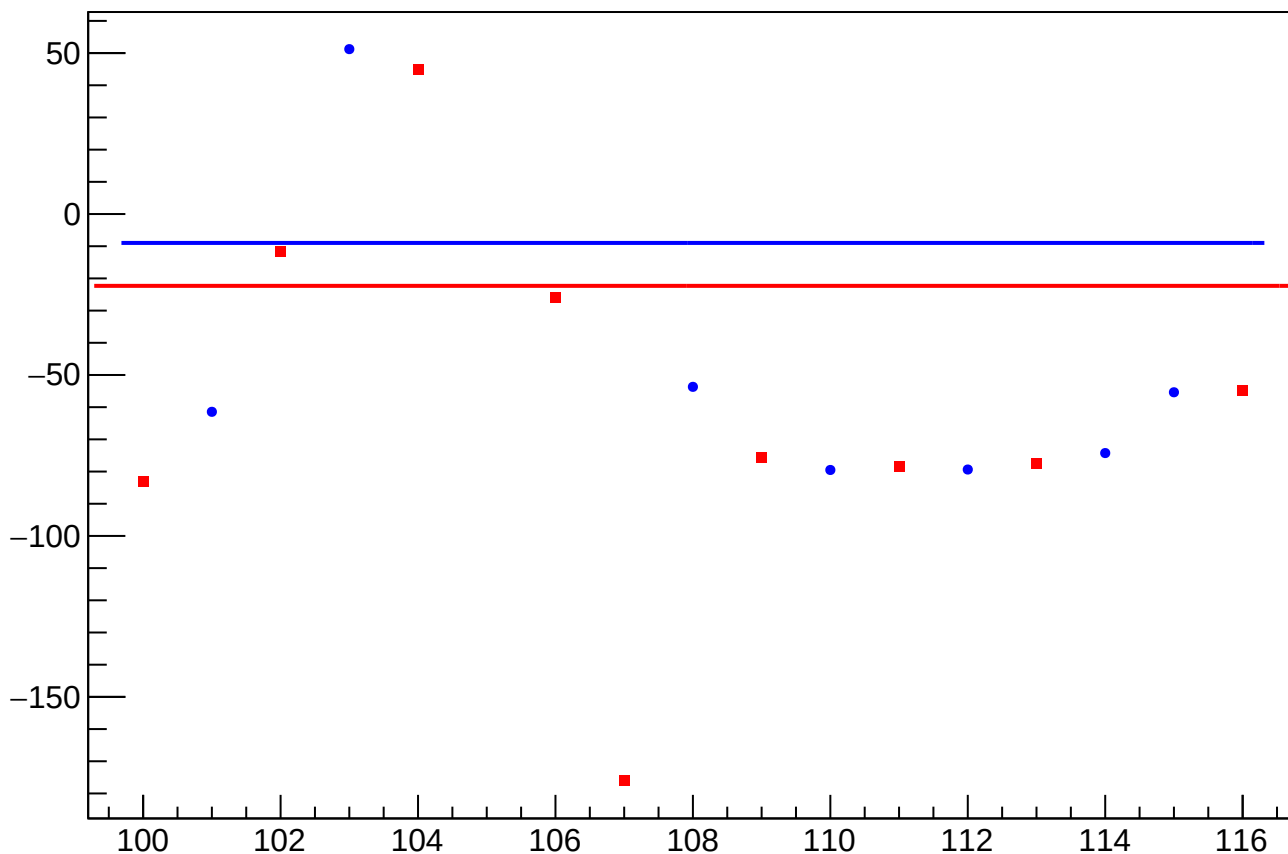
Right: -28.829+/-1.536 χ^2/NDF : 373.7/15

In: -27.342+/-2.349 χ^2/NDF : 246.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.829+/-1.536 χ^2/NDF : 373.7/15

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.974+/-0.098 χ^2/NDF : 349423.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -22.312+/-0.091 χ^2/NDF : 353627.9/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

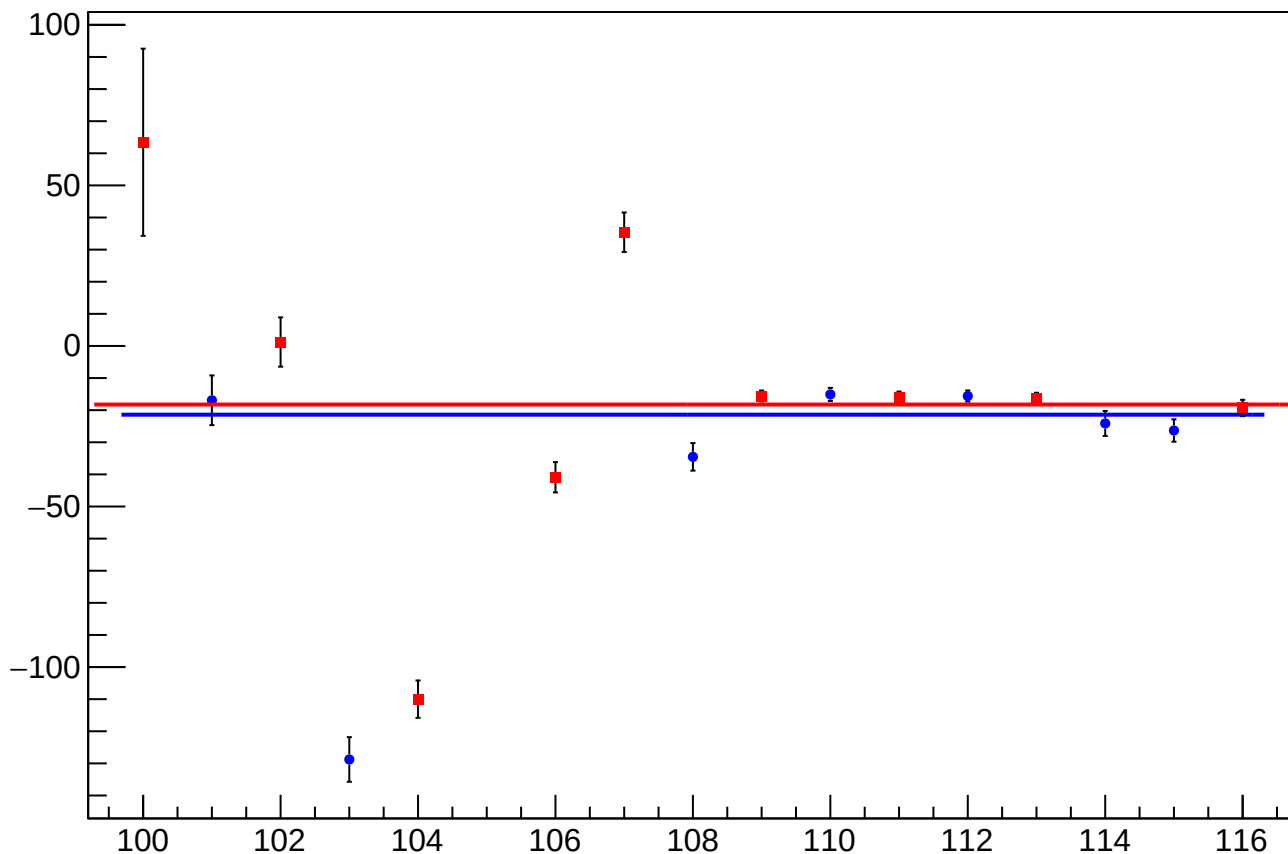
Right: -16.135+/-0.067 χ^2/NDF : 712948.3/15

In: -8.974+/-0.098 χ^2/NDF :349423.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -16.135+/-0.067 χ^2/NDF : 712948.3/15

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.403+/-1.109 χ^2/NDF : 271.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.244+/-0.916 χ^2/NDF : 366.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

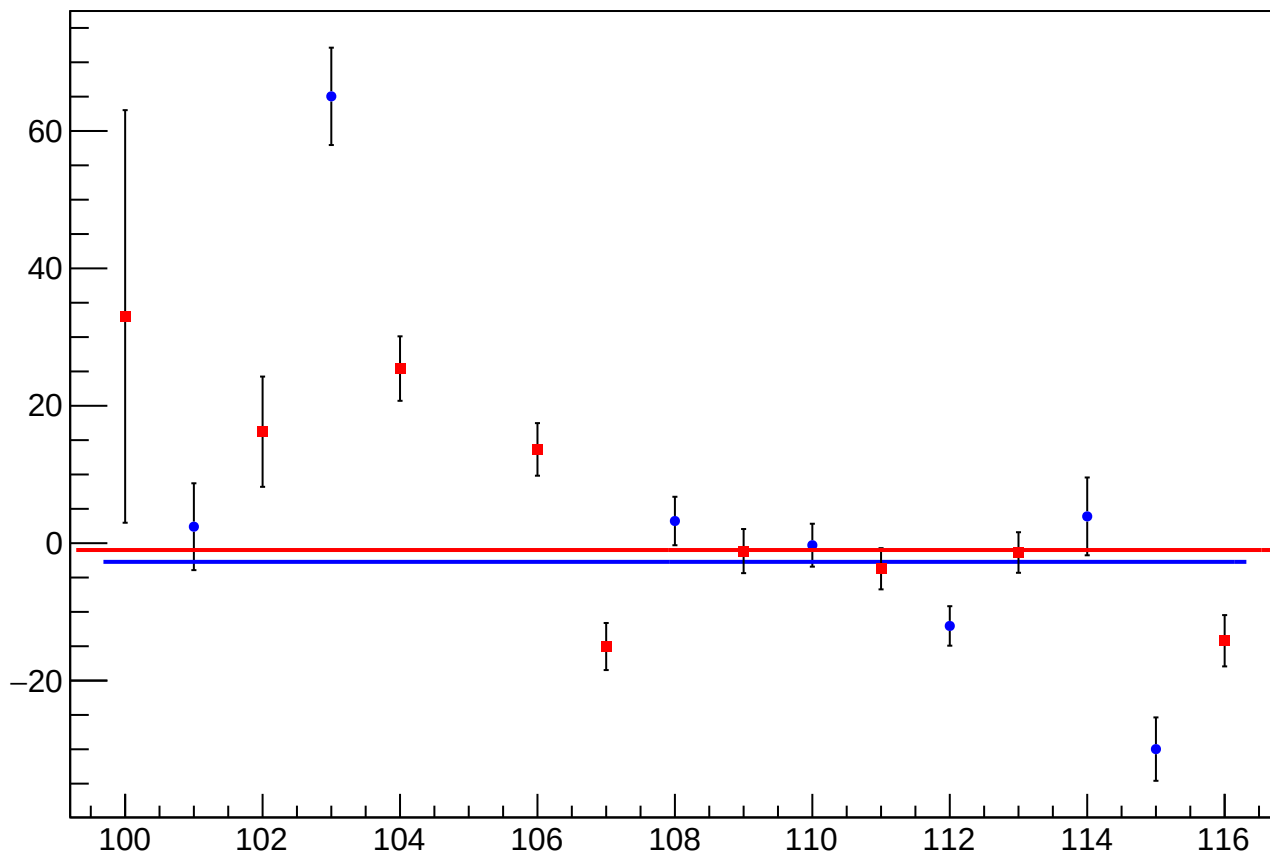
Right: -19.525+/-0.706 χ^2/NDF : 643.0/15

In: -21.403+/-1.109 χ^2/NDF : 271.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.525+/-0.706 χ^2/NDF : 643.0/15

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.718+/-1.530 χ^2/NDF : 142.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.994+/-1.280 χ^2/NDF : 82.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

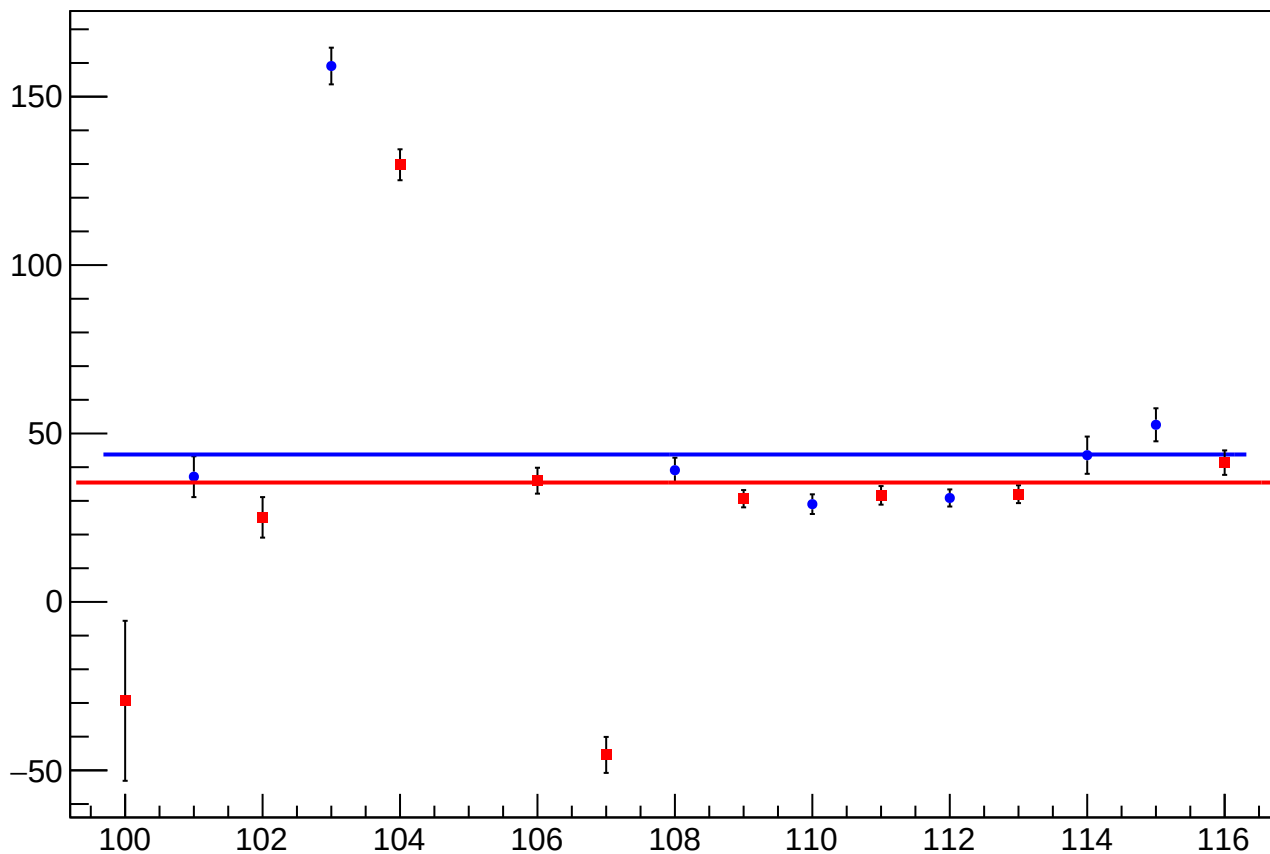
Right: -1.704+/-0.982 χ^2/NDF : 225.5/15

In: -2.718+/-1.530 χ^2/NDF : 142.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.704+/-0.982 χ^2/NDF : 225.5/15

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.768+/-1.443 χ^2/NDF : 505.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.444+/-1.212 χ^2/NDF : 671.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

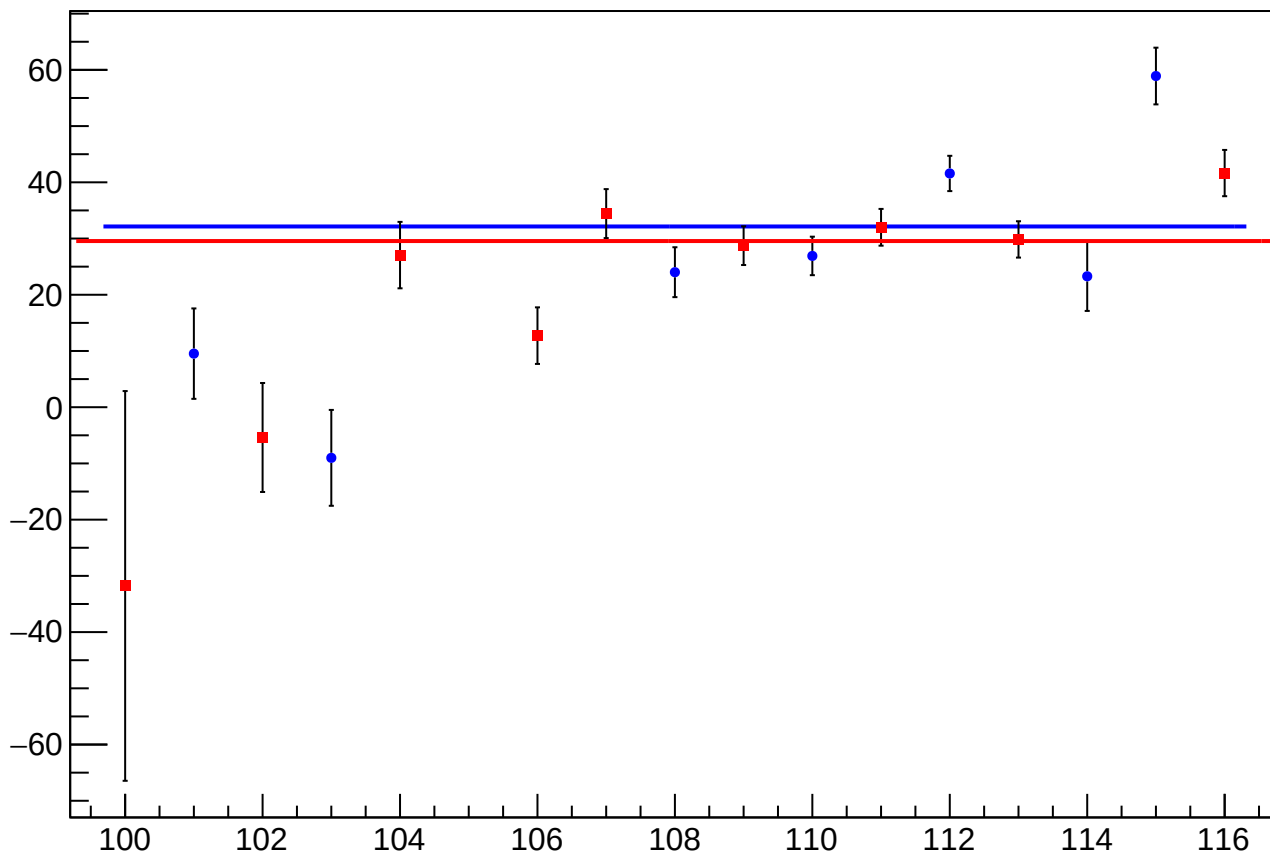
Right: 38.888+/-0.928 χ^2/NDF : 1196.3/15

In: 43.768+/-1.443 χ^2/NDF : 505.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.888+/-0.928 χ^2/NDF : 1196.3/15

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.145 $\pm$ 1.734 χ^2 /NDF: 76.2/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.554 $\pm$ 1.466 χ^2 /NDF: 38.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

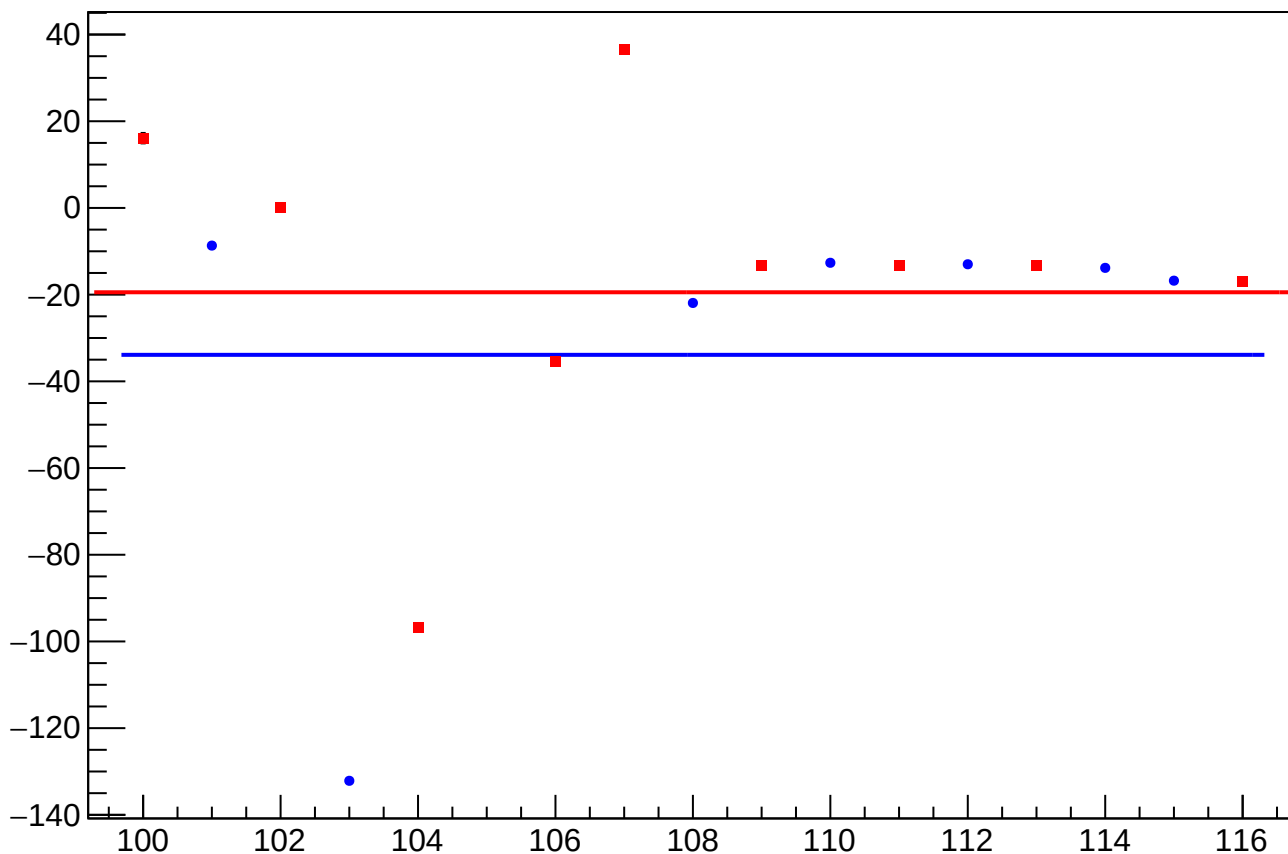
Right: 30.634 $\pm$ 1.120 χ^2 /NDF: 115.5/15

In: 32.145 $\pm$ 1.734 χ^2 /NDF:76.2/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.634 $\pm$ 1.120 χ^2 /NDF: 115.5/15

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -33.887 $\pm$ 0.089 χ^2 /NDF: 215675.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.453 $\pm$ 0.076 χ^2 /NDF: 202917.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

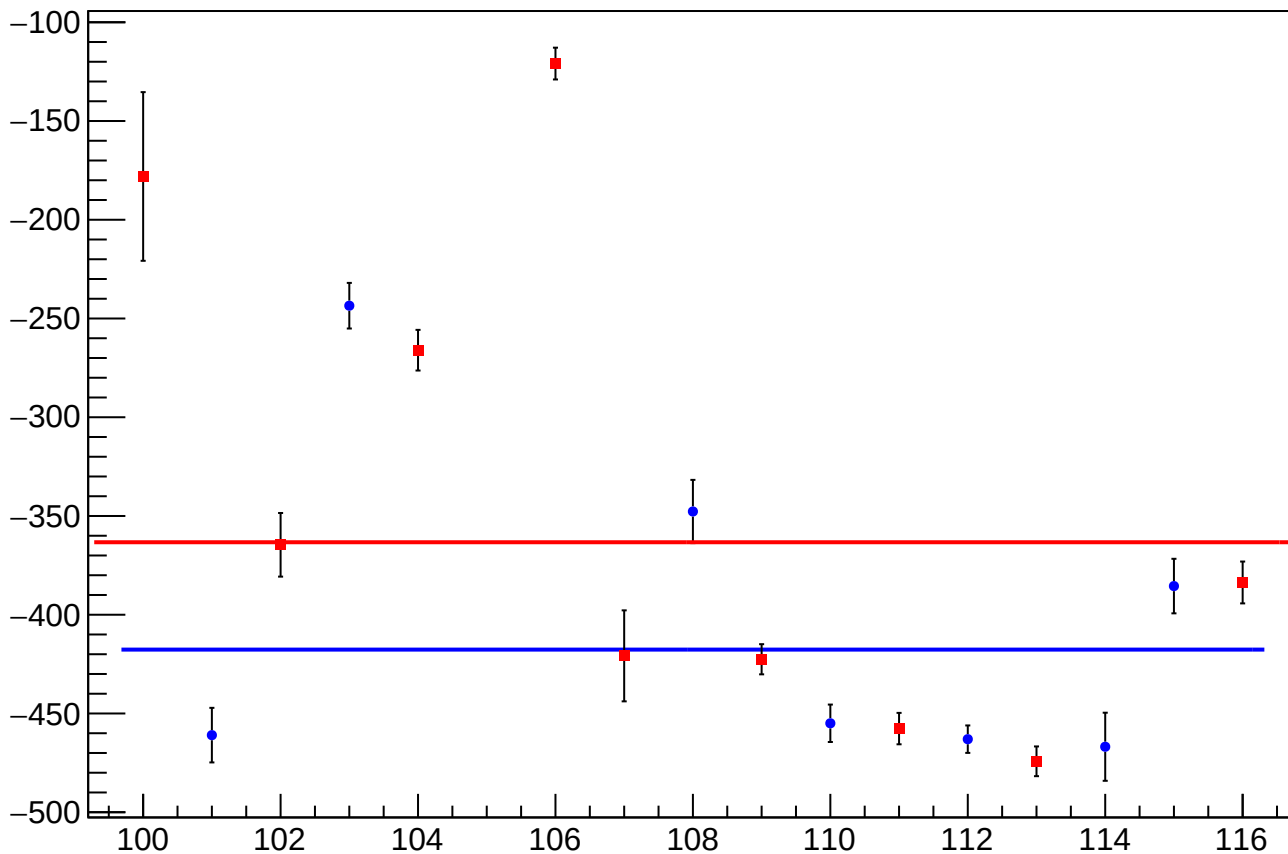
Right: -25.506 $\pm$ 0.058 χ^2 /NDF: 433769.0/15

In: -33.887 $\pm$ 0.089 χ^2 /NDF:215675.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.506 $\pm$ 0.058 χ^2 /NDF: 433769.0/15

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -417.655+/-4.185 χ^2/NDF : 327.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -363.295+/-3.321 χ^2/NDF : 1442.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

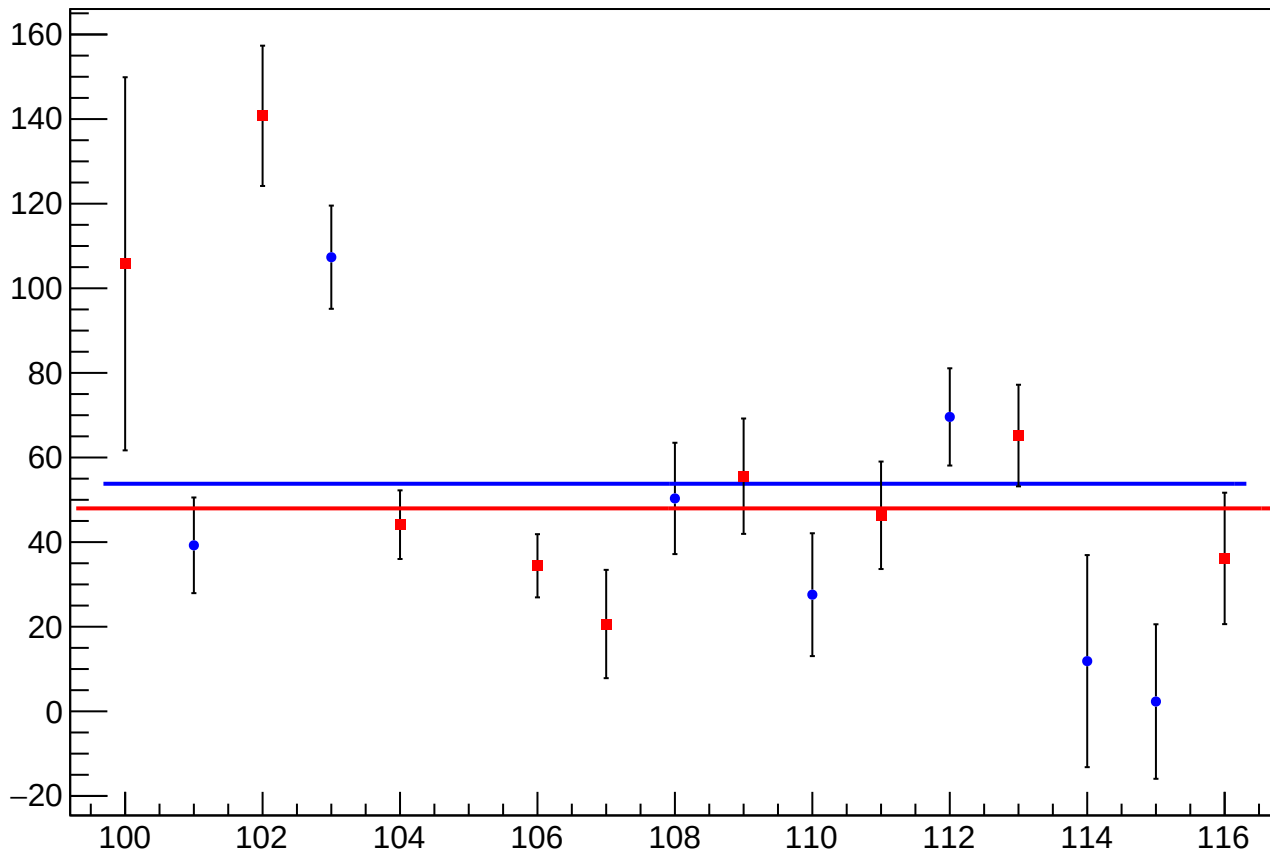
Right: -384.299+/-2.601 χ^2/NDF : 1874.2/15

In: -417.655+/-4.185 χ^2/NDF : 327.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.299+/-2.601 χ^2/NDF : 1874.2/15

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 53.796+/-5.184 χ^2/NDF : 36.9/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.972+/-3.892 χ^2/NDF : 44.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

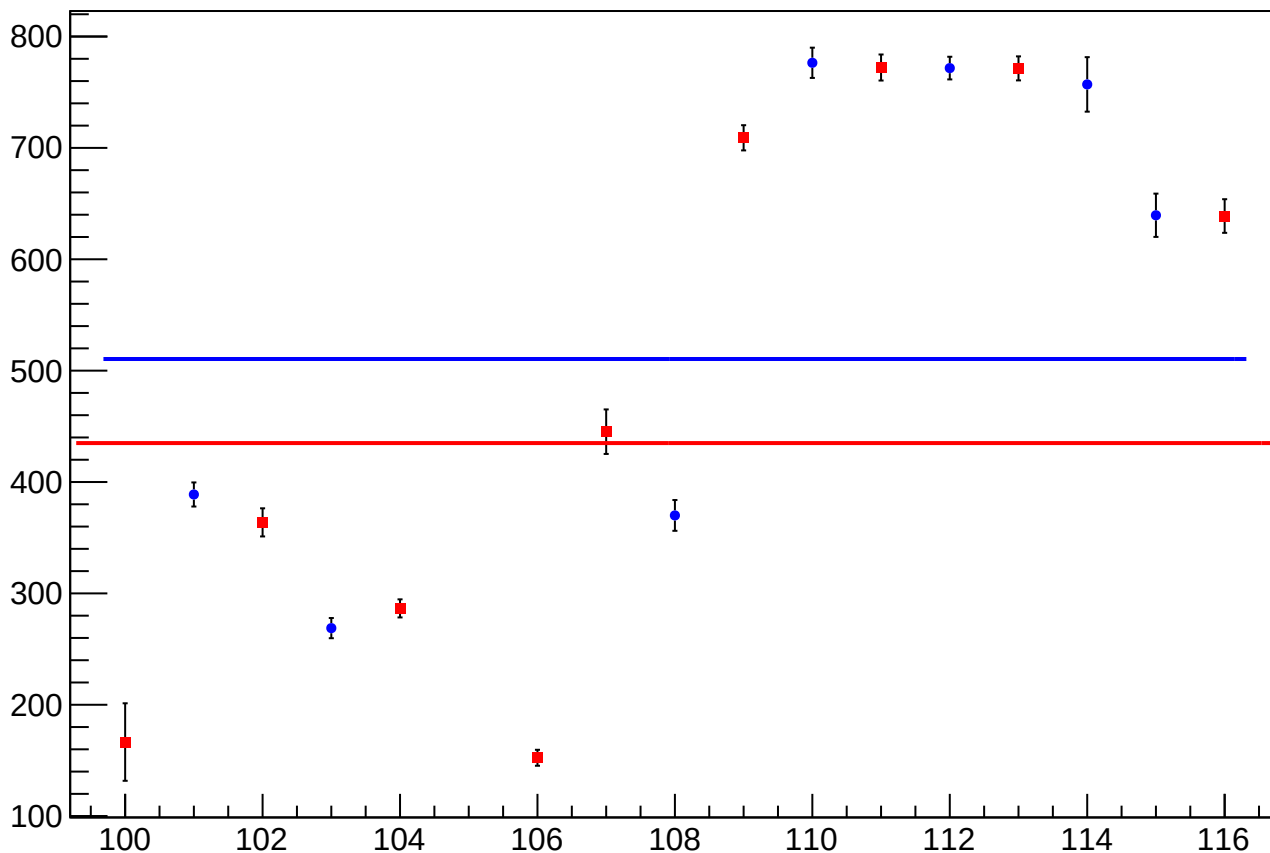
Right: 50.071+/-3.112 χ^2/NDF : 81.8/15

In: 53.796+/-5.184 χ^2/NDF :36.9/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.071+/-3.112 χ^2/NDF : 81.8/15

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 510.453+/-4.695 χ^2/NDF : 2128.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.969+/-3.718 χ^2/NDF : 4554.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

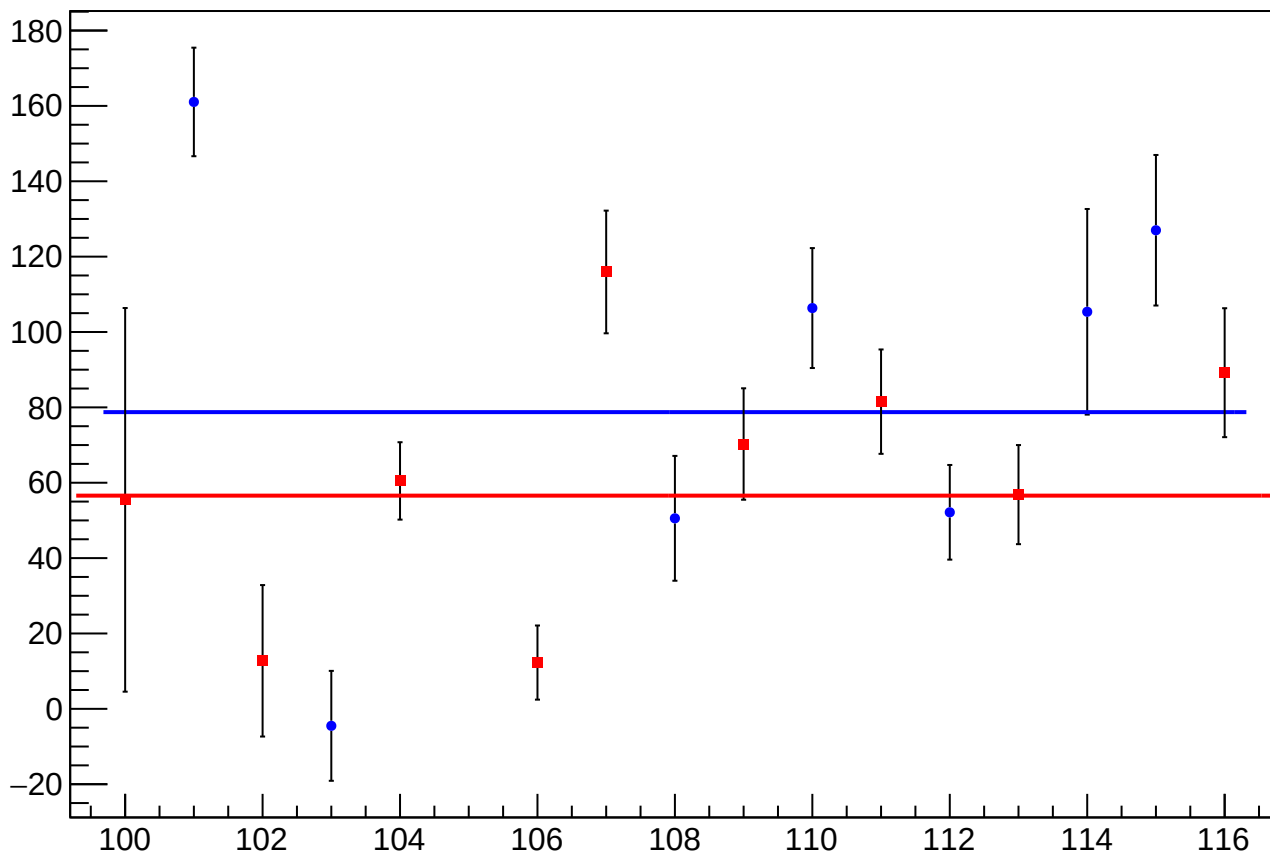
Right: 464.057+/-2.915 χ^2/NDF : 6842.2/15

In: 510.453+/-4.695 χ^2/NDF : 2128.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.057+/-2.915 χ^2/NDF : 6842.2/15

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 78.739+/-6.052 χ^2/NDF : 82.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.578+/-4.691 χ^2/NDF : 46.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

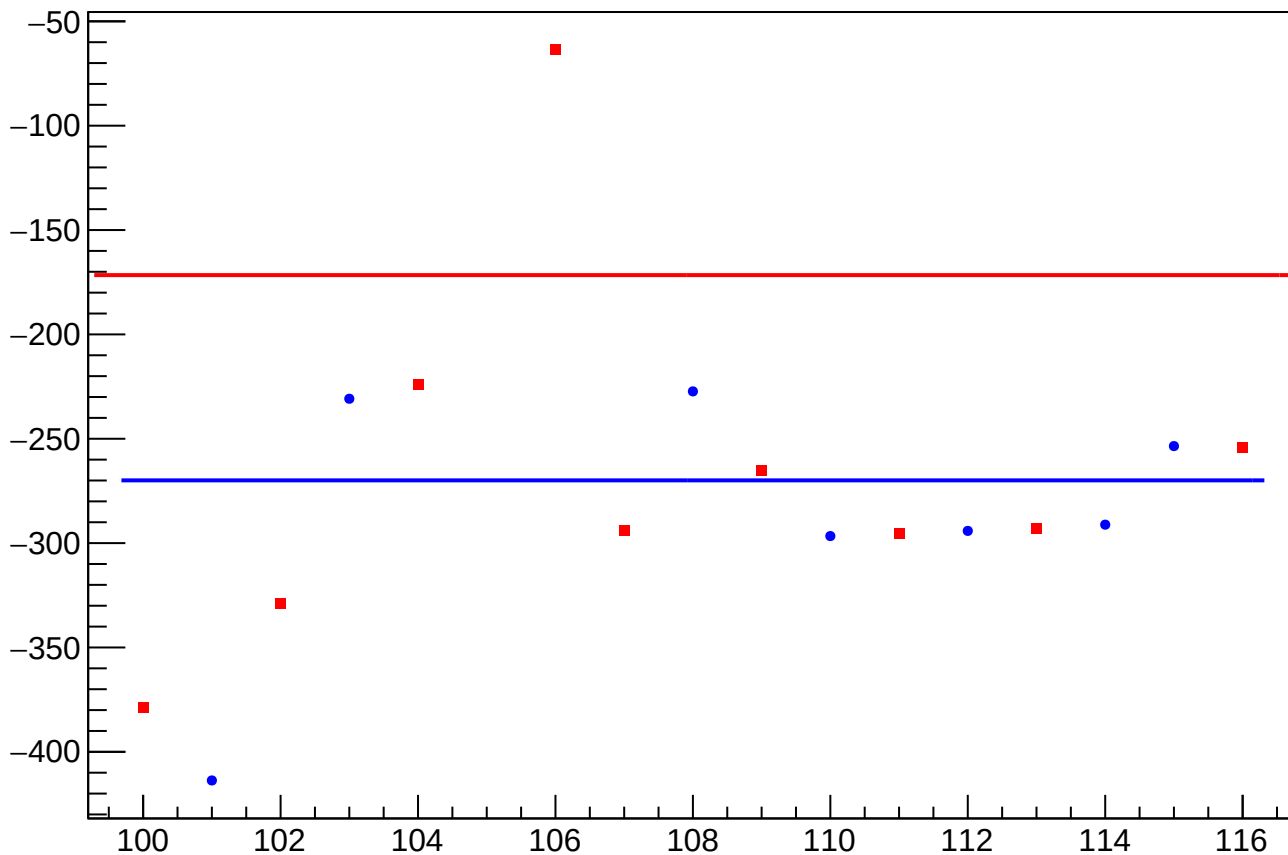
Right: 64.895+/-3.708 χ^2/NDF : 137.0/15

In: 78.739+/-6.052 χ^2/NDF : 82.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.895+/-3.708 χ^2/NDF : 137.0/15

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -269.932+/-0.254 χ^2/NDF : 67535.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -171.592+/-0.177 χ^2/NDF : 374342.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

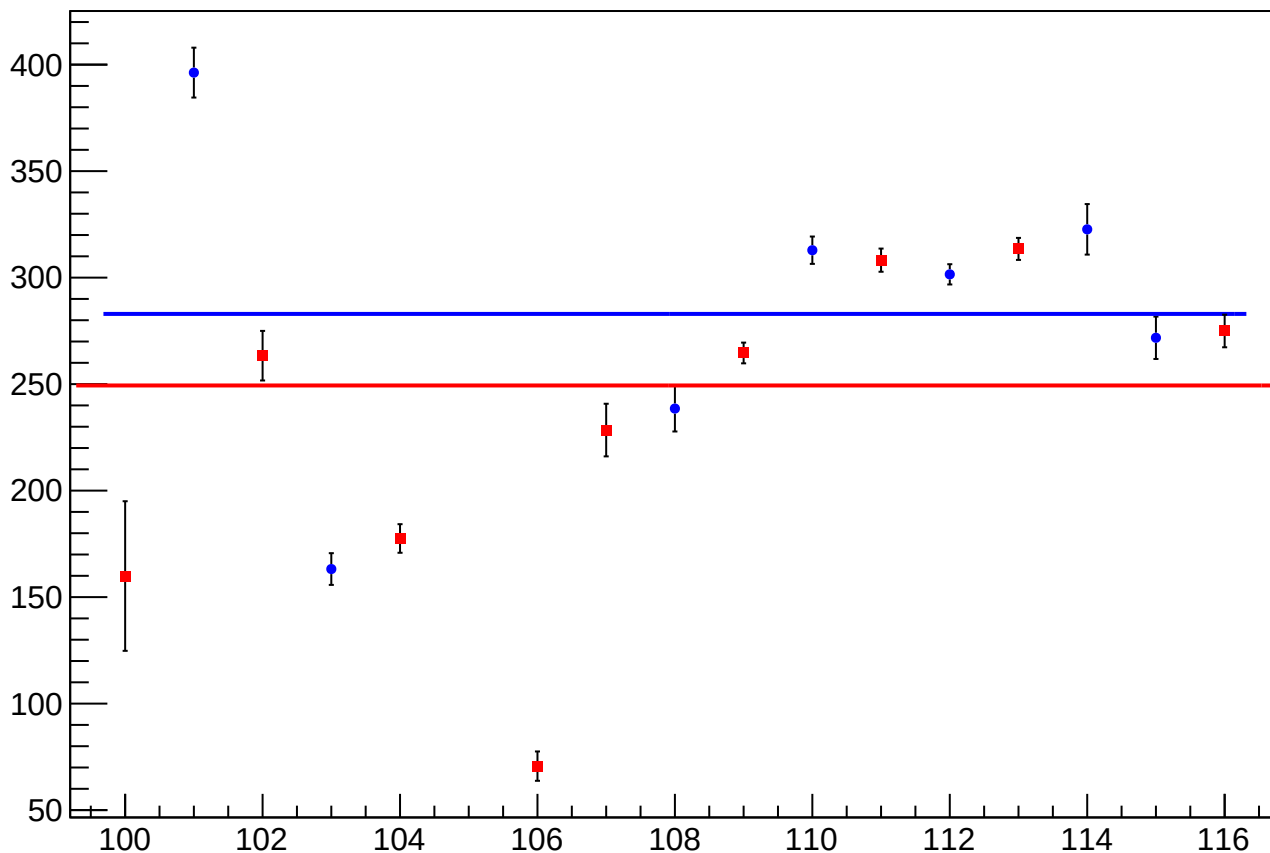
Right: -203.774+/-0.145 χ^2/NDF : 542881.4/15

In: -269.932+/-0.254 χ^2/NDF :67535.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -203.774+/-0.145 χ^2/NDF : 542881.4/15

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 282.962 $\pm$ 2.891 χ^2 /NDF: 418.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.368 $\pm$ 2.303 χ^2 /NDF: 1090.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

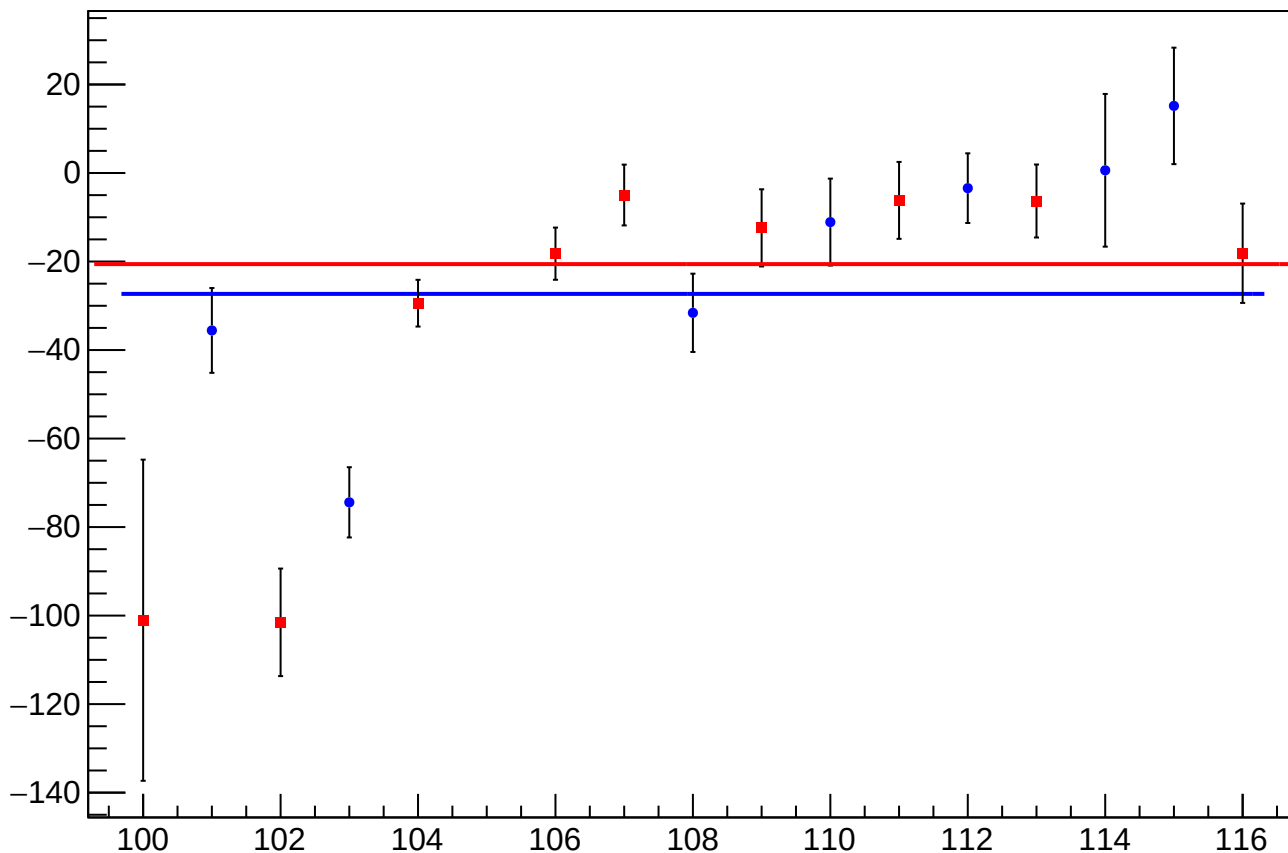
Right: 262.411 $\pm$ 1.802 χ^2 /NDF: 1591.7/15

In: 282.962 $\pm$ 2.891 χ^2 /NDF:418.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 262.411 $\pm$ 1.802 χ^2 /NDF: 1591.7/15

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -27.313+/-3.646 χ^2/NDF : 61.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.584+/-2.649 χ^2/NDF : 64.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

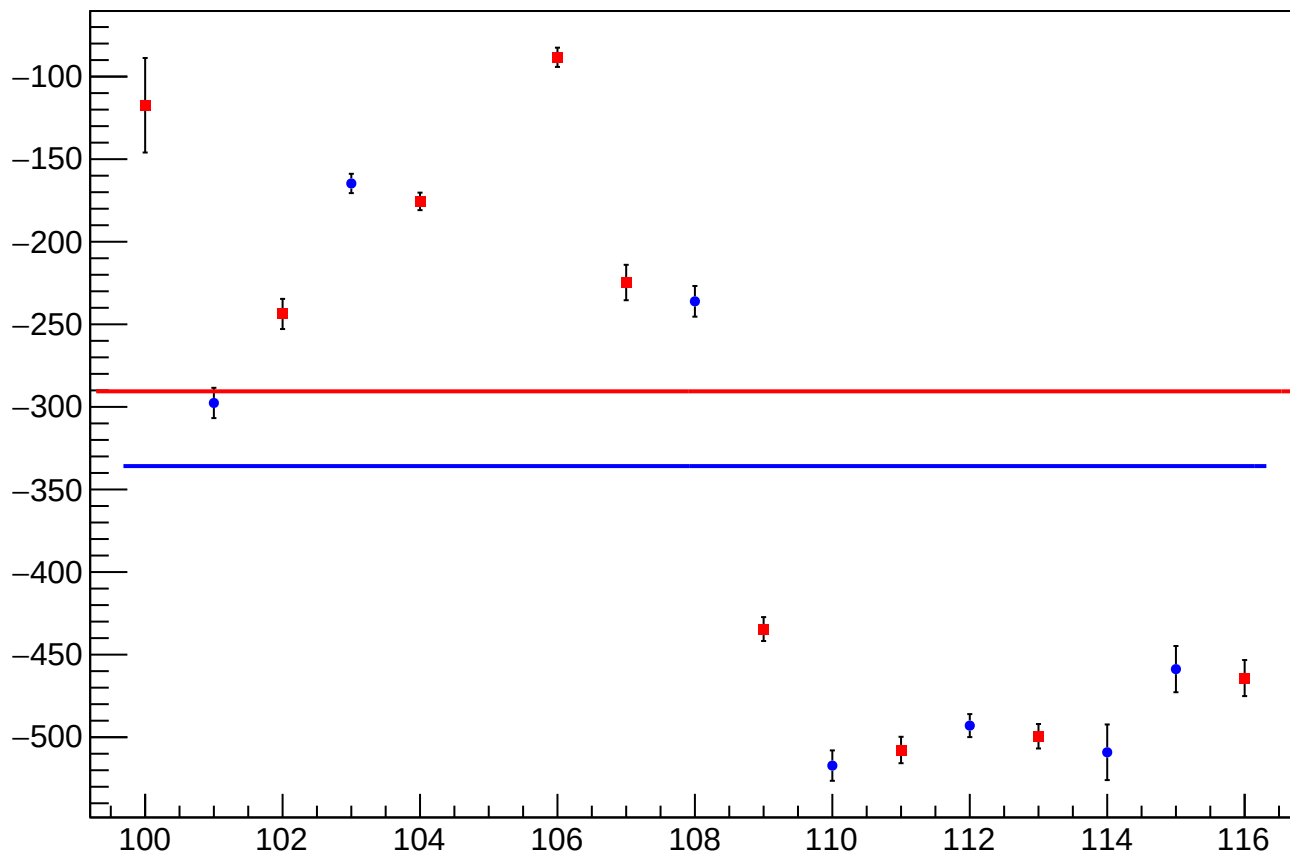
Right: -22.909+/-2.143 χ^2/NDF : 127.5/15

In: -27.313+/-3.646 χ^2/NDF : 61.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.909+/-2.143 χ^2/NDF : 127.5/15

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -335.839+/-3.265 χ^2/NDF : 2070.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.568+/-2.596 χ^2/NDF : 3958.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

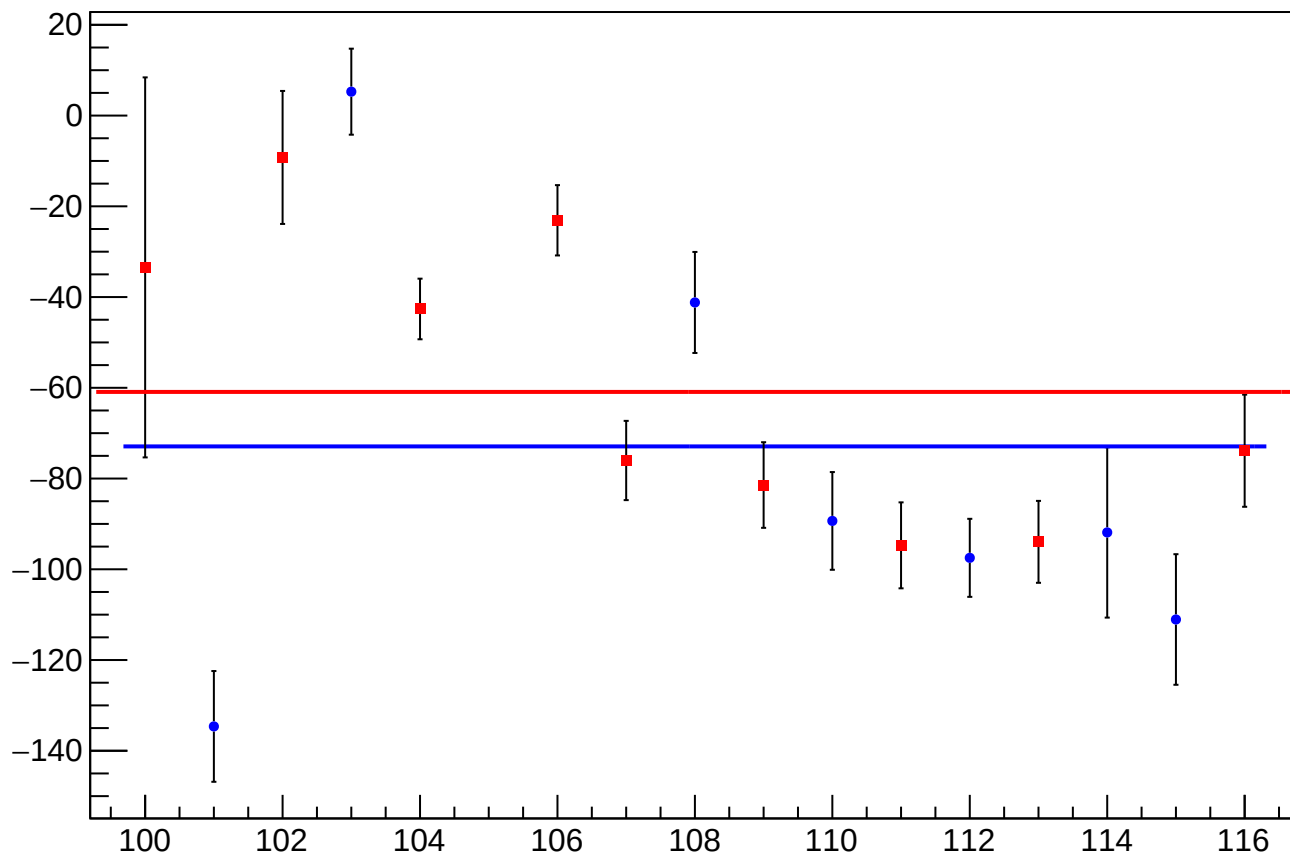
Right: -308.103+/-2.032 χ^2/NDF : 6146.1/15

In: -335.839+/-3.265 χ^2/NDF : 2070.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.103+/-2.032 χ^2/NDF : 6146.1/15

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -72.918 ± 4.237 χ^2/NDF : 120.2/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.908 ± 3.185 χ^2/NDF : 79.1/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

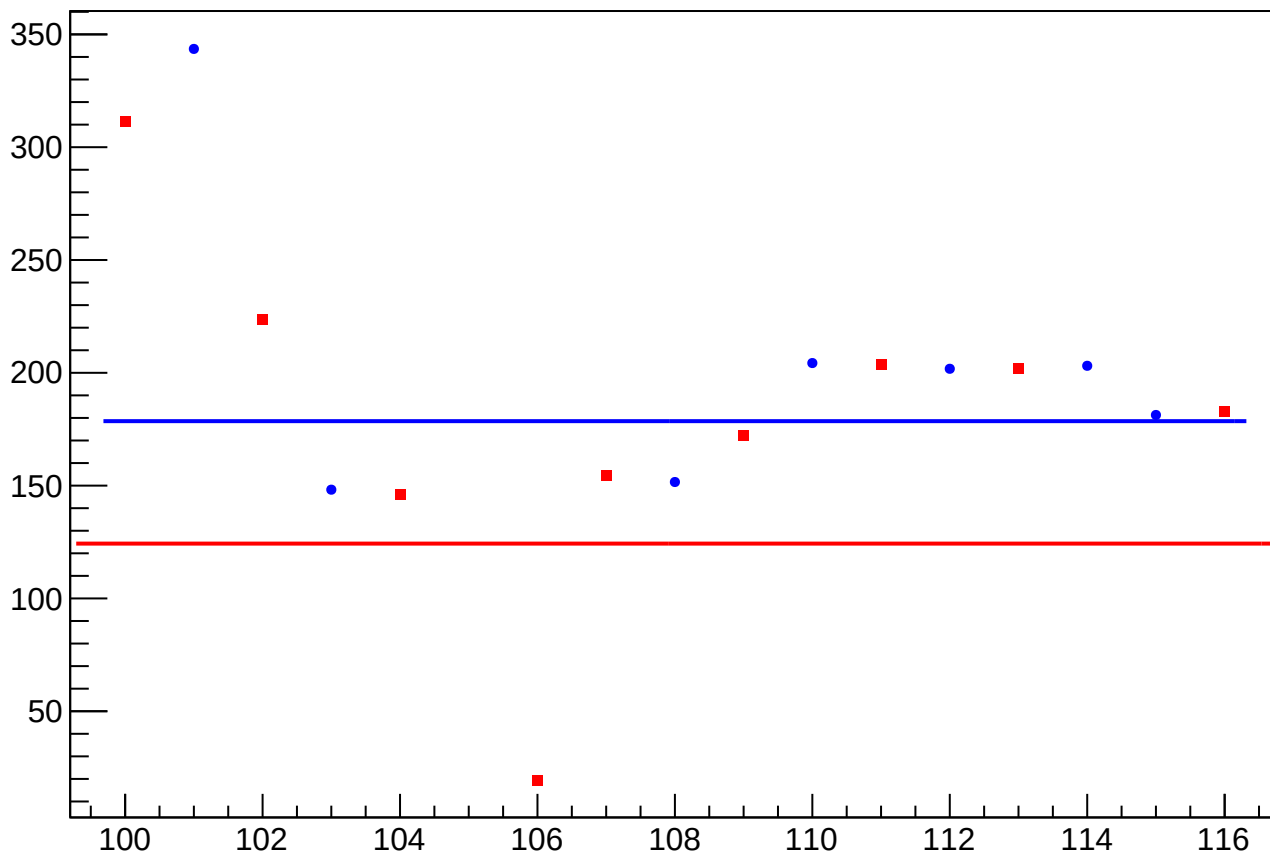
Right: -65.244 ± 2.546 χ^2/NDF : 204.5/15

In: -72.918 ± 4.237 χ^2/NDF : 120.2/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.244 ± 2.546 χ^2/NDF : 204.5/15

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 178.576+/-0.173 χ^2/NDF : 114567.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.302+/-0.133 χ^2/NDF : 344786.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

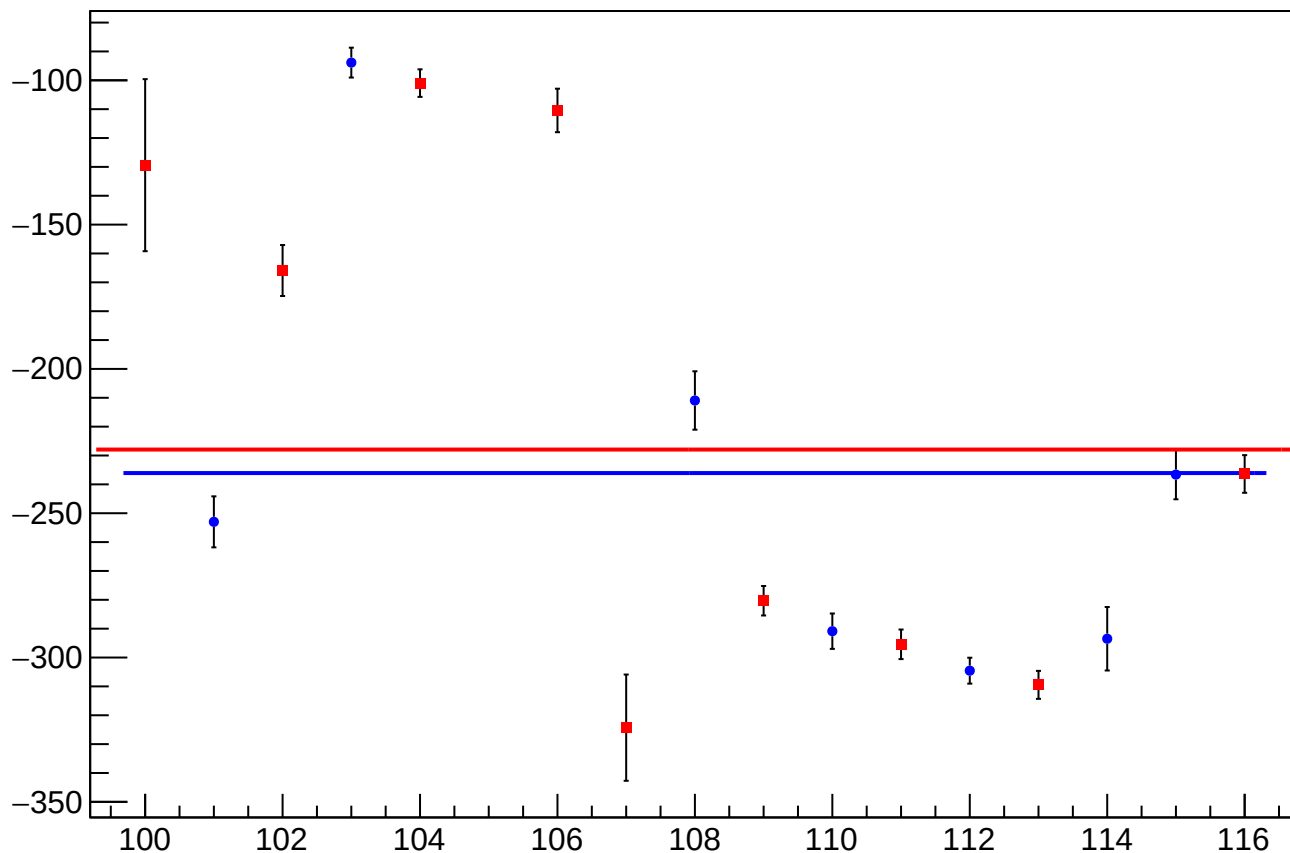
Right: 144.392+/-0.105 χ^2/NDF : 521334.4/15

In: 178.576+/-0.173 χ^2/NDF : 114567.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.392+/-0.105 χ^2/NDF : 521334.4/15

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -236.081 $\pm$ 2.515 χ^2 /NDF: 1104.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -227.936 $\pm$ 2.128 χ^2 /NDF: 1600.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

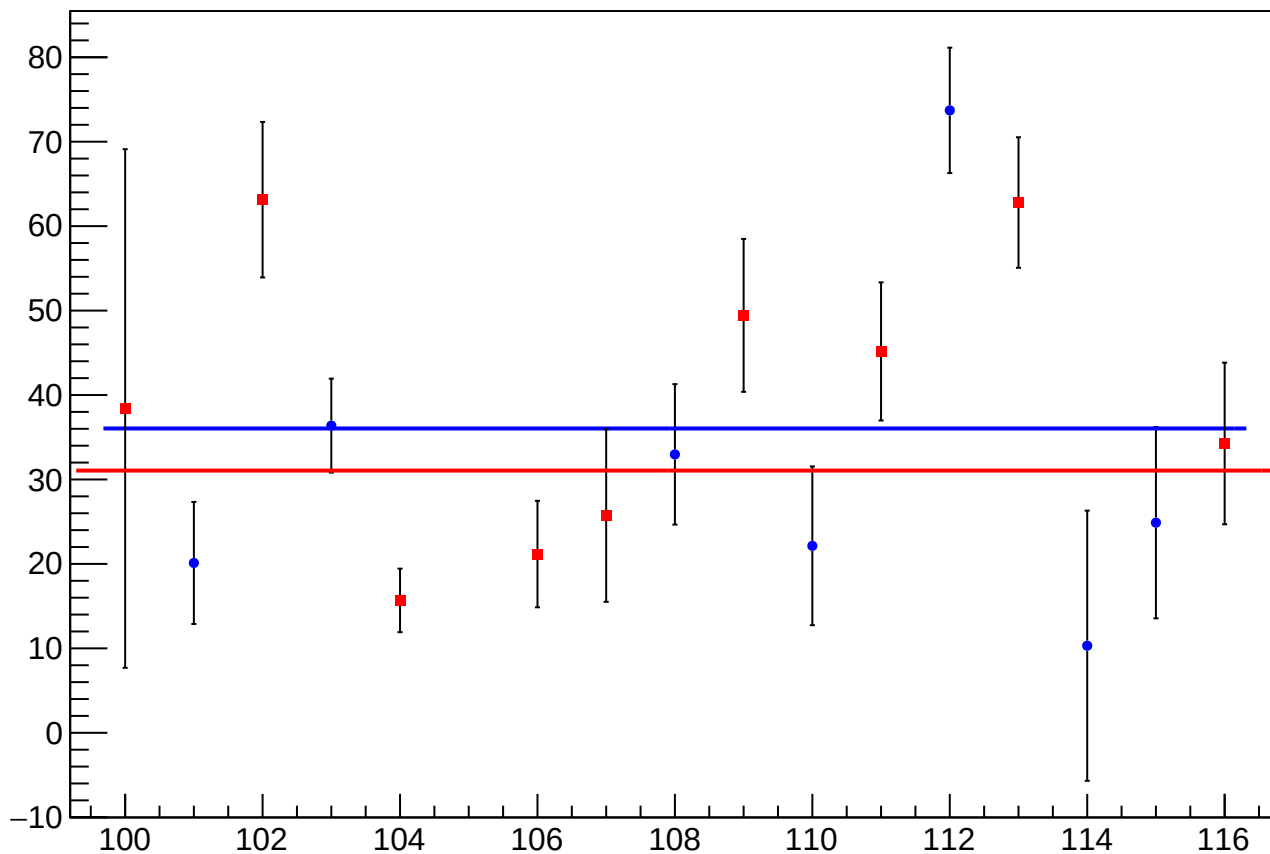
Right: -231.333 $\pm$ 1.625 χ^2 /NDF: 2710.8/15

In: -236.081 $\pm$ 2.515 χ^2 /NDF:1104.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -231.333 $\pm$ 1.625 χ^2 /NDF: 2710.8/15

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.040+/-3.056 χ^2/NDF : 36.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.056+/-2.404 χ^2/NDF : 55.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

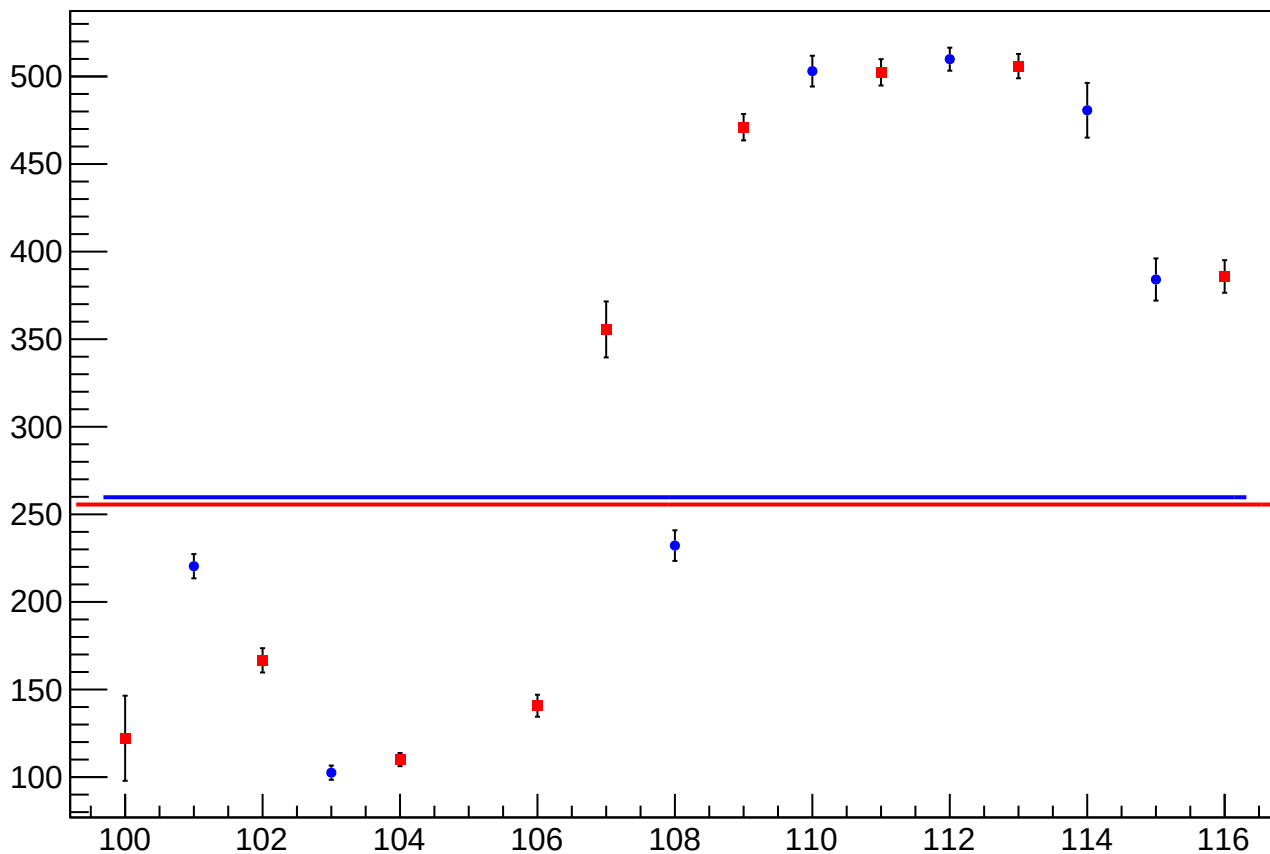
Right: 32.961+/-1.889 χ^2/NDF : 93.8/15

In: 36.040+/-3.056 χ^2/NDF : 36.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.961+/-1.889 χ^2/NDF : 93.8/15

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 259.766+/-2.657 χ^2/NDF : 4059.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.620+/-2.295 χ^2/NDF : 5451.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

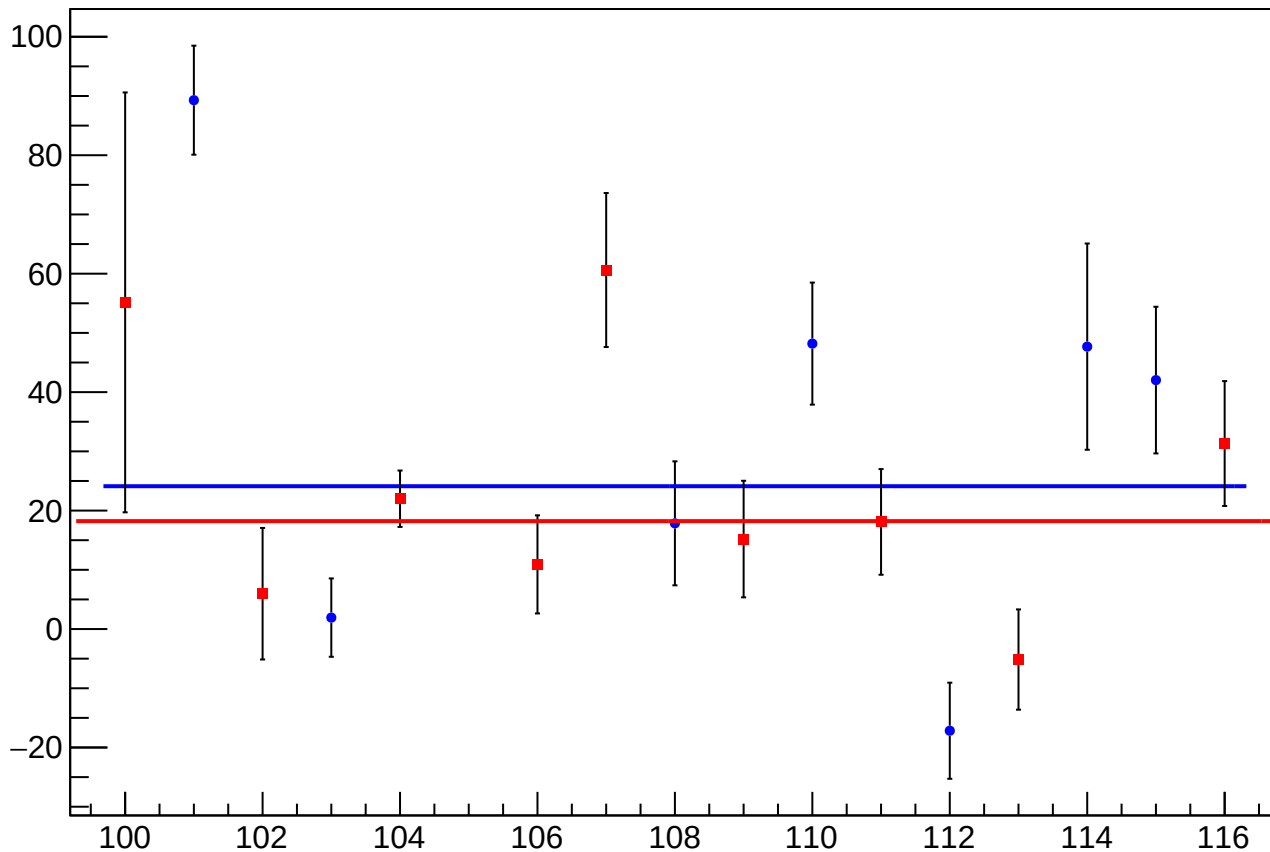
Right: 257.391+/-1.737 χ^2/NDF : 9512.0/15

In: 259.766+/-2.657 χ^2/NDF : 4059.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.391+/-1.737 χ^2/NDF : 9512.0/15

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.116+/-3.576 χ^2/NDF : 97.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.221+/-2.894 χ^2/NDF : 23.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

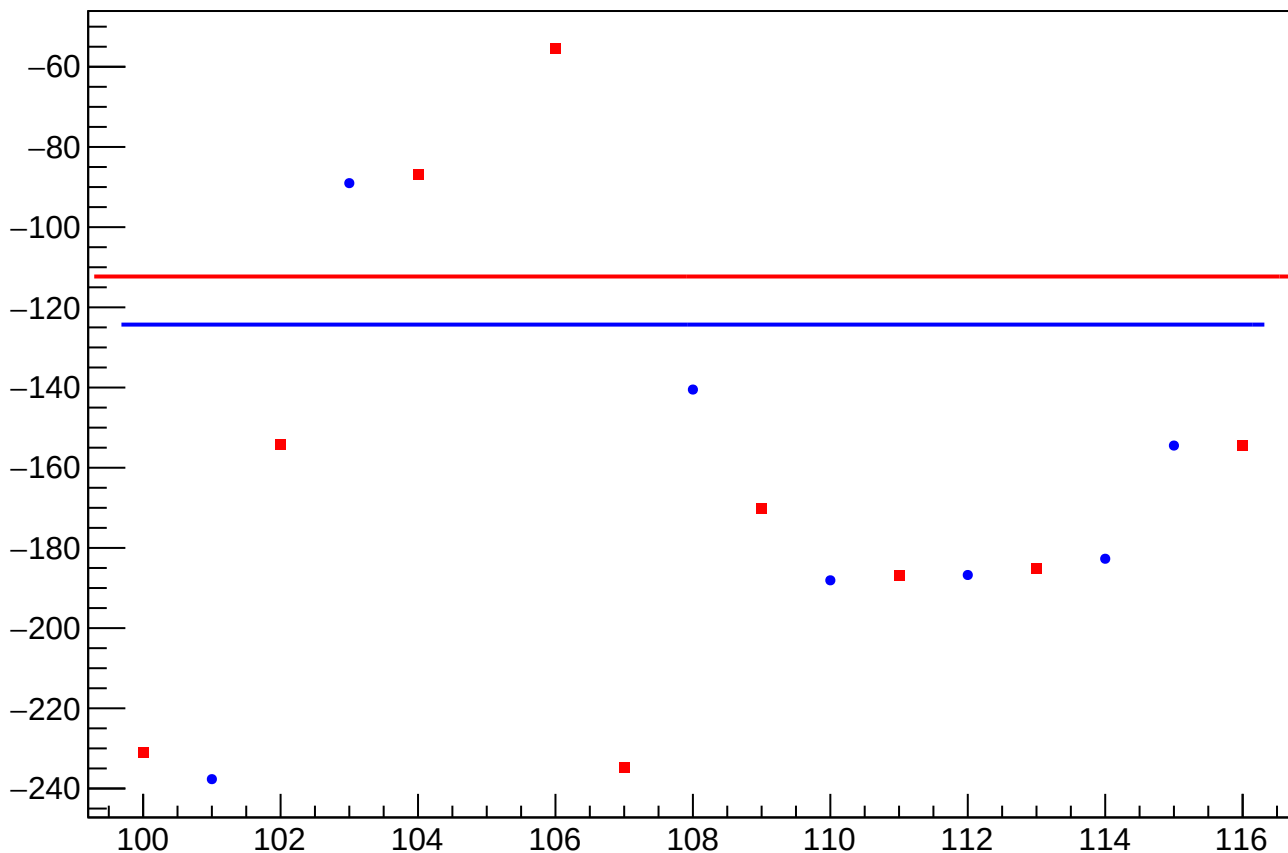
Right: 20.554+/-2.250 χ^2/NDF : 122.3/15

In: 24.116+/-3.576 χ^2/NDF : 97.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.554+/-2.250 χ^2/NDF : 122.3/15

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -124.302+/-0.134 χ^2/NDF : 146881.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.307+/-0.118 χ^2/NDF : 183242.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

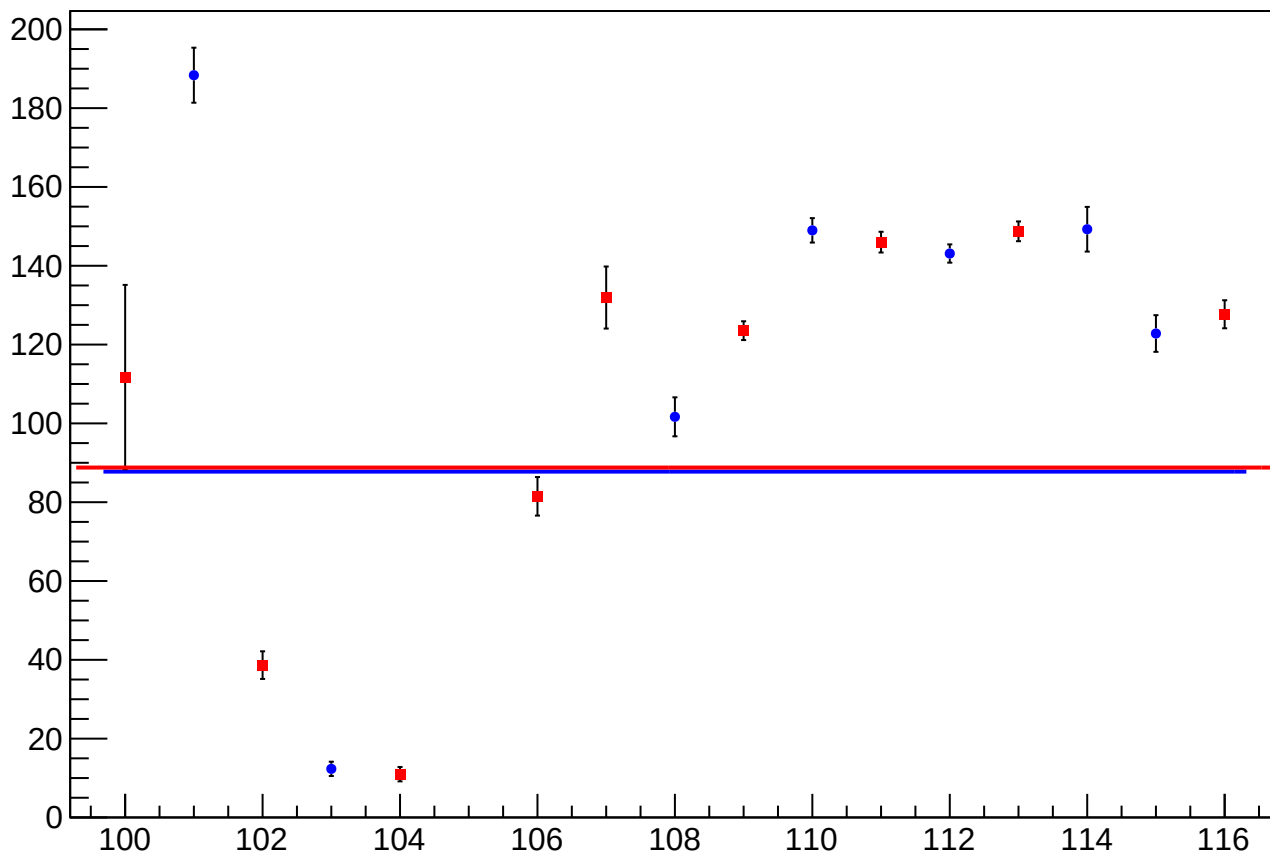
Right: -117.560+/-0.088 χ^2/NDF : 334653.2/15

In: -124.302+/-0.134 χ^2/NDF : 146881.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.560+/-0.088 χ^2/NDF : 334653.2/15

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 87.763+/-1.169 χ^2 /NDF: 3073.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 88.793+/-1.001 χ^2 /NDF: 3426.5/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

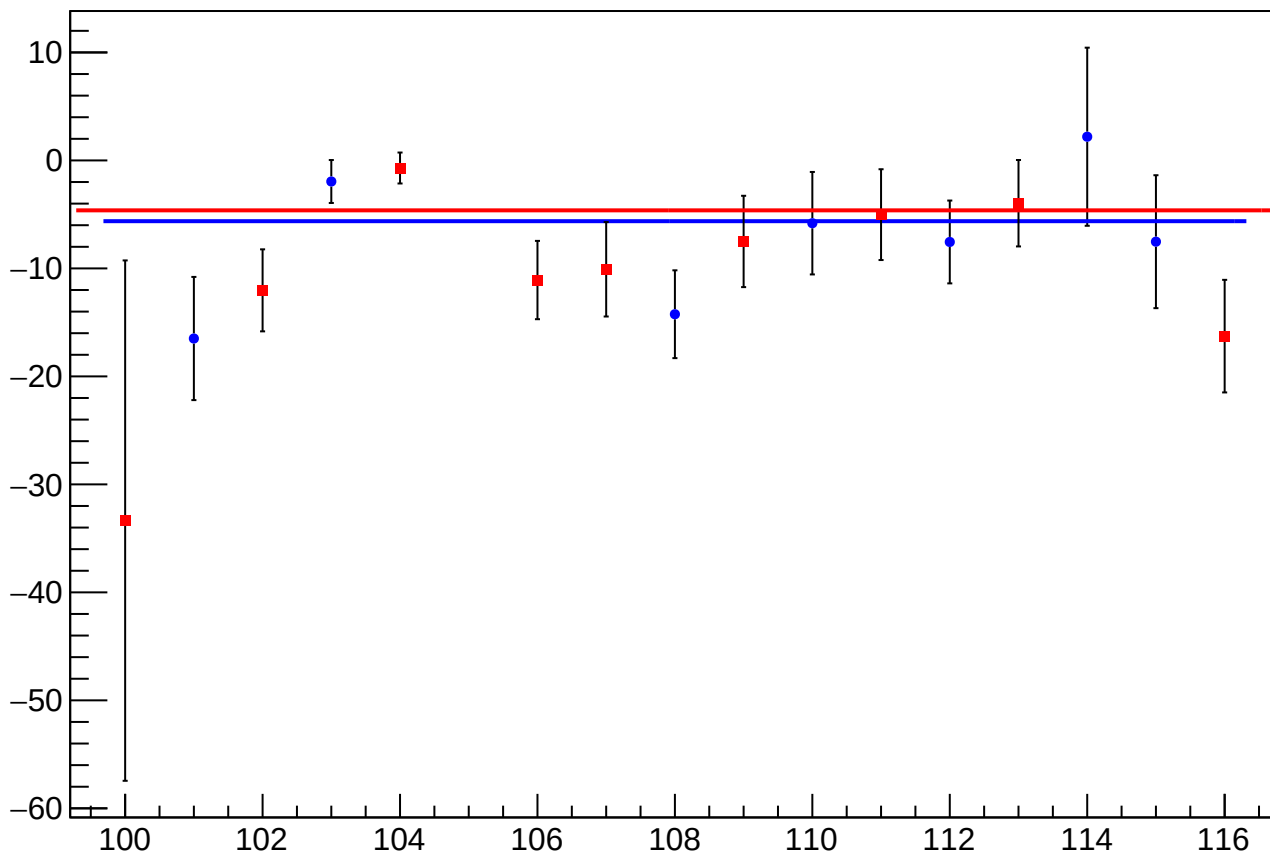
Right: 88.357+/-0.760 χ^2 /NDF: 6500.0/15

In: 87.763+/-1.169 χ^2 /NDF:3073.1/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 88.357+/-0.760 χ^2 /NDF: 6500.0/15

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.627+/-1.418 χ^2 /NDF: 12.8/6

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.624+/-1.055 χ^2 /NDF: 22.9/8

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

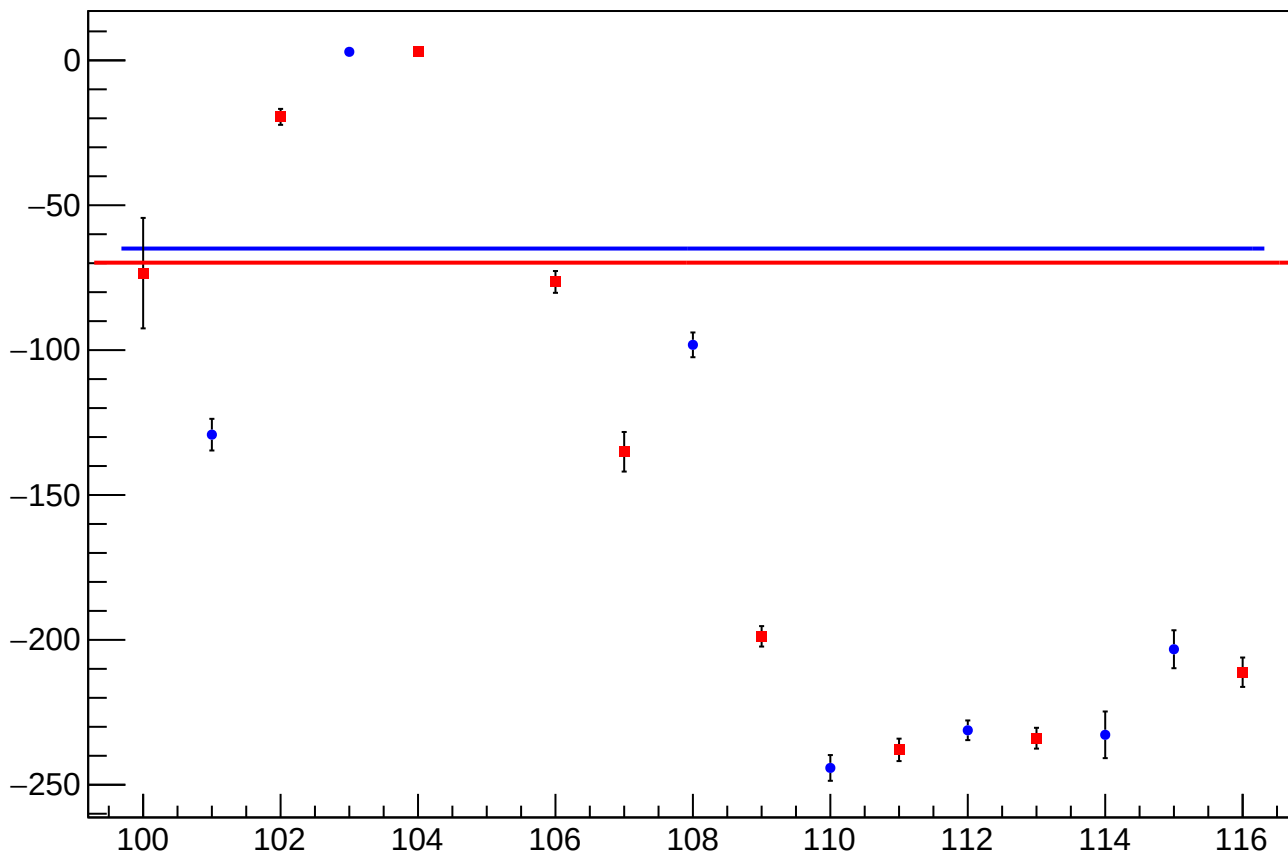
Right: -4.981+/-0.846 χ^2 /NDF: 36.0/15

In: -5.627+/-1.418 χ^2 /NDF:12.8/6

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.981+/-0.846 χ^2 /NDF: 36.0/15

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.947+/-1.151 χ^2/NDF : 7367.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.818+/-1.014 χ^2/NDF : 9064.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

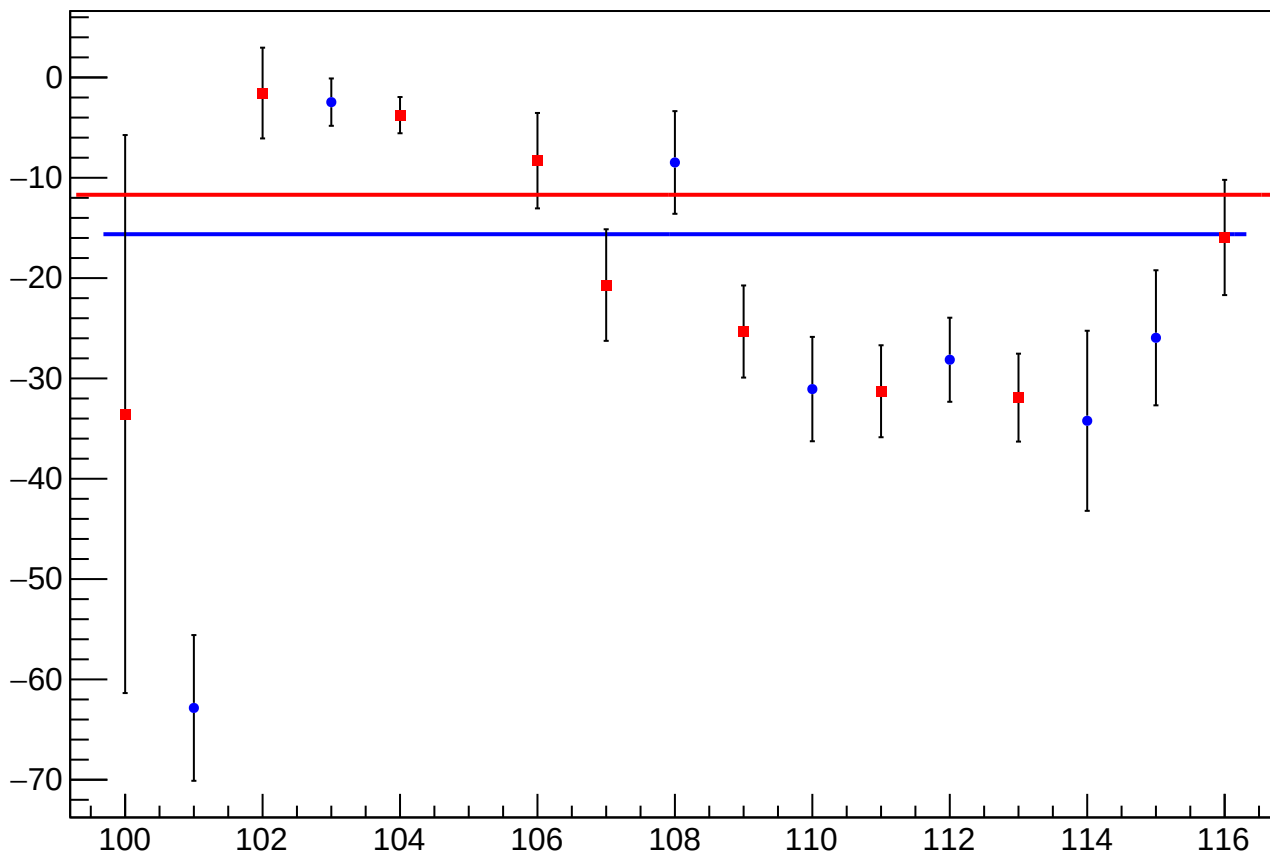
Right: -67.688+/-0.761 χ^2/NDF : 16442.1/15

In: -64.947+/-1.151 χ^2/NDF : 7367.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.688+/-0.761 χ^2/NDF : 16442.1/15

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.625 $\pm$ 1.655 χ^2 /NDF: 99.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.694 $\pm$ 1.279 χ^2 /NDF: 77.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

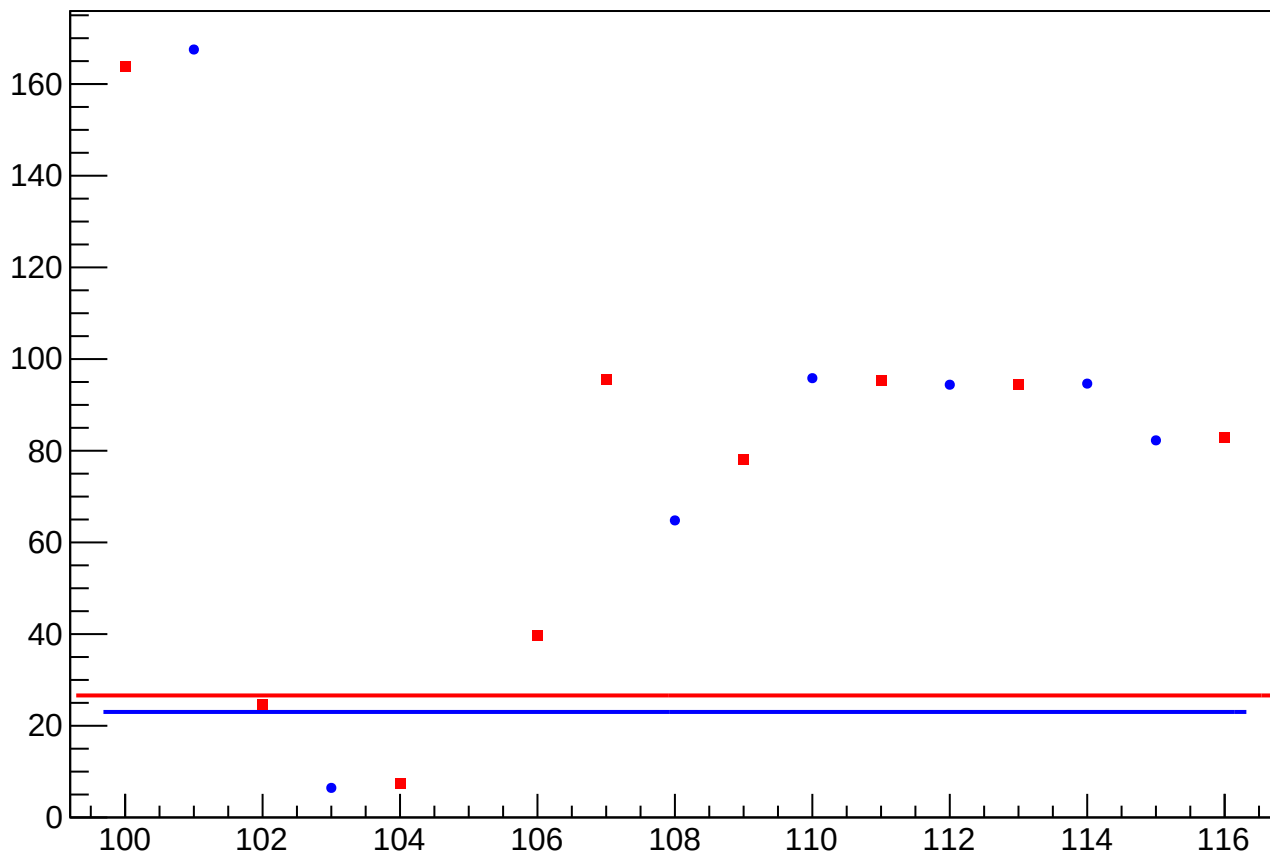
Right: -13.165 $\pm$ 1.012 χ^2 /NDF: 180.2/15

In: -15.625 $\pm$ 1.655 χ^2 /NDF:99.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.165 $\pm$ 1.012 χ^2 /NDF: 180.2/15

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 23.017+/-0.053 χ^2/NDF : 471653.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 26.615+/-0.052 χ^2/NDF : 344198.1/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

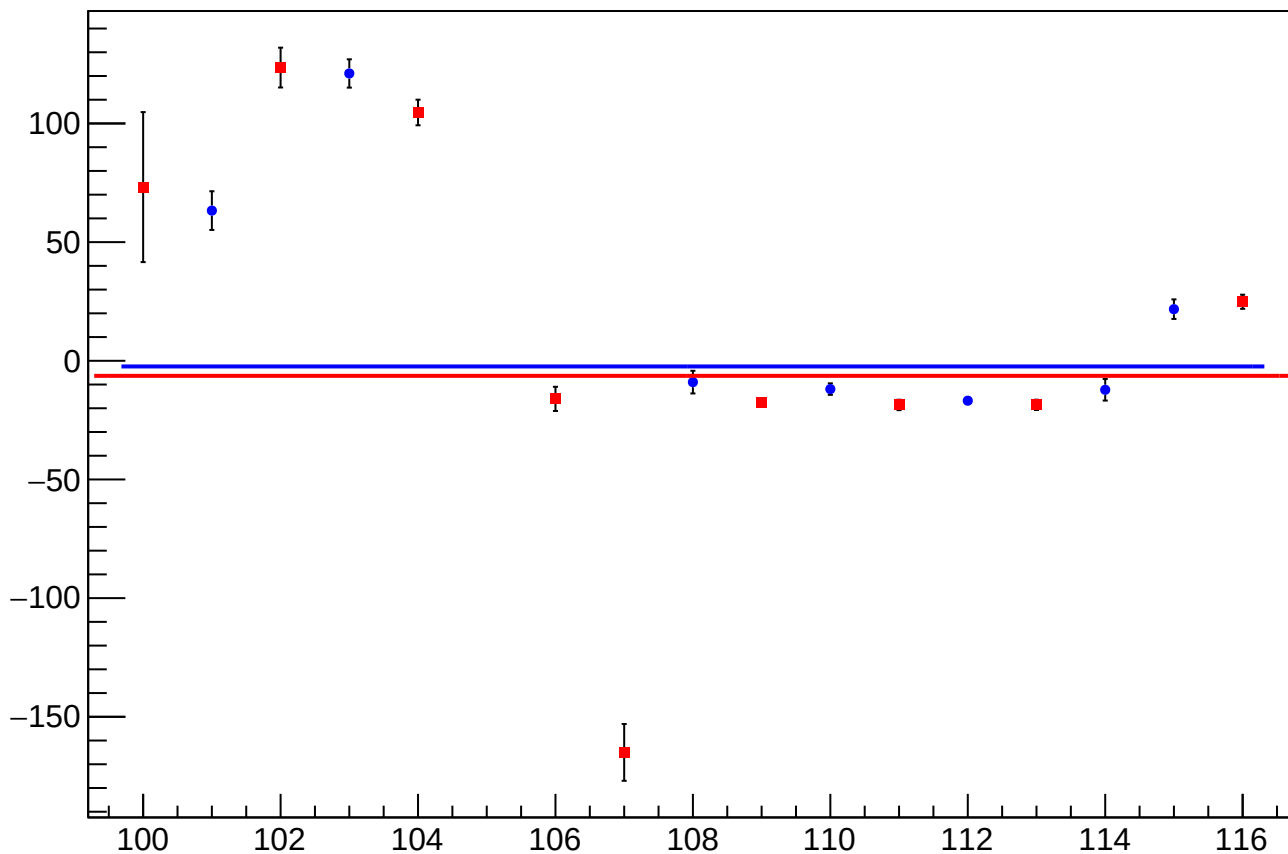
Right: 24.872+/-0.037 χ^2/NDF : 818217.1/15

In: 23.017+/-0.053 χ^2/NDF :471653.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.872+/-0.037 χ^2/NDF : 818217.1/15

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.384+/-1.284 χ^2/NDF : 600.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.338+/-1.078 χ^2/NDF : 1051.5/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

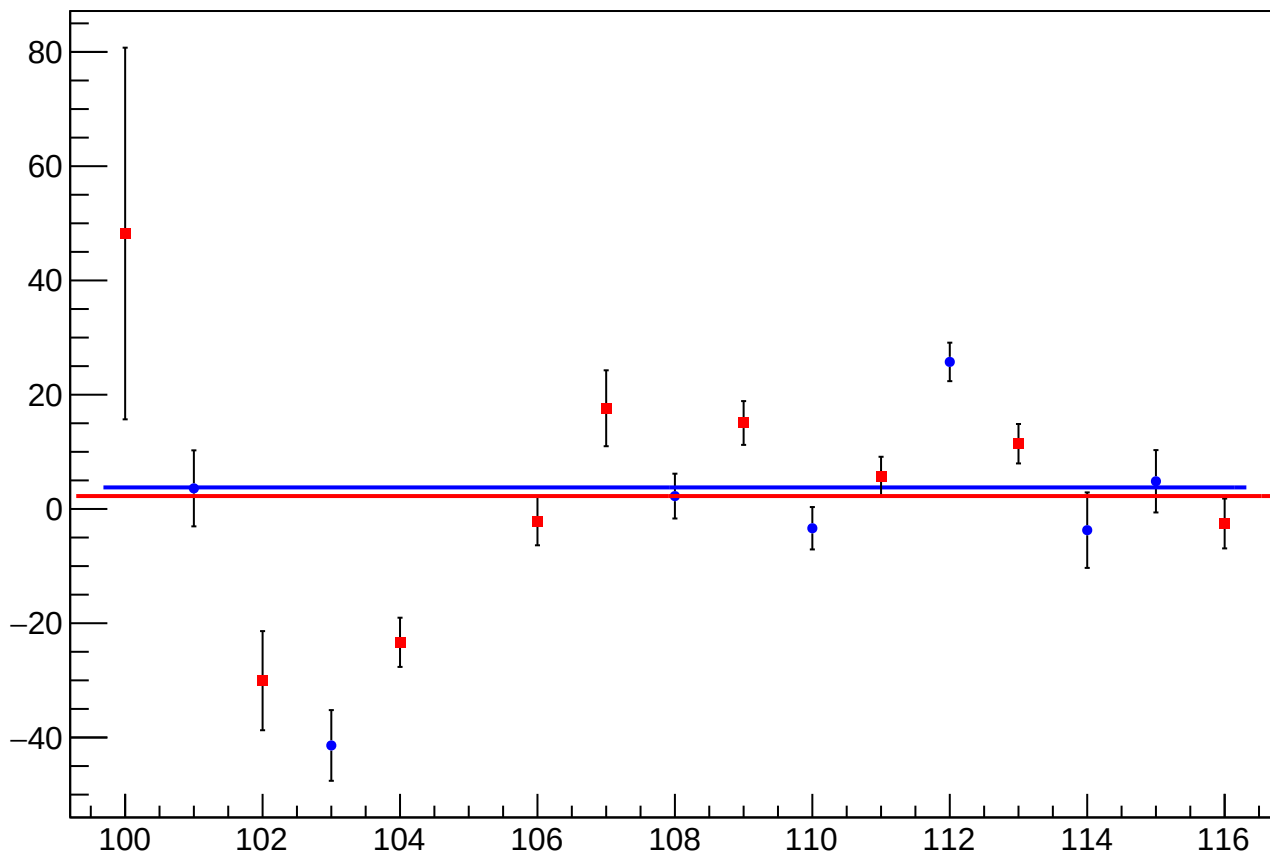
Right: -4.702+/-0.826 χ^2/NDF : 1657.3/15

In: -2.384+/-1.284 χ^2/NDF :600.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.702+/-0.826 χ^2/NDF : 1657.3/15

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.773+/-1.738 χ^2/NDF : 101.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.260+/-1.522 χ^2/NDF : 77.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

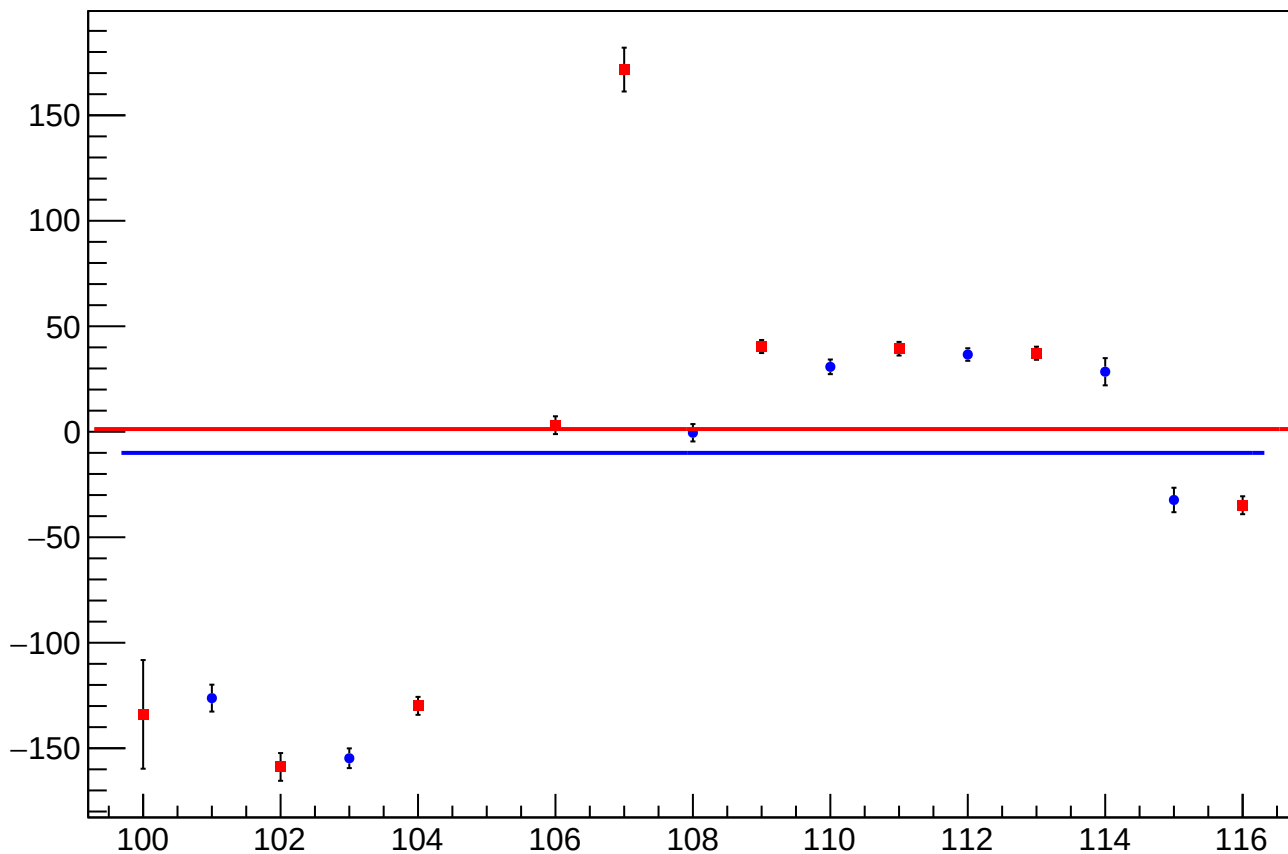
Right: 2.916+/-1.145 χ^2/NDF : 179.4/15

In: 3.773+/-1.738 χ^2/NDF : 101.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.916+/-1.145 χ^2/NDF : 179.4/15

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.008 $\pm$ 1.625 χ^2 /NDF: 1728.6/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.282 $\pm$ 1.407 χ^2 /NDF: 2345.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

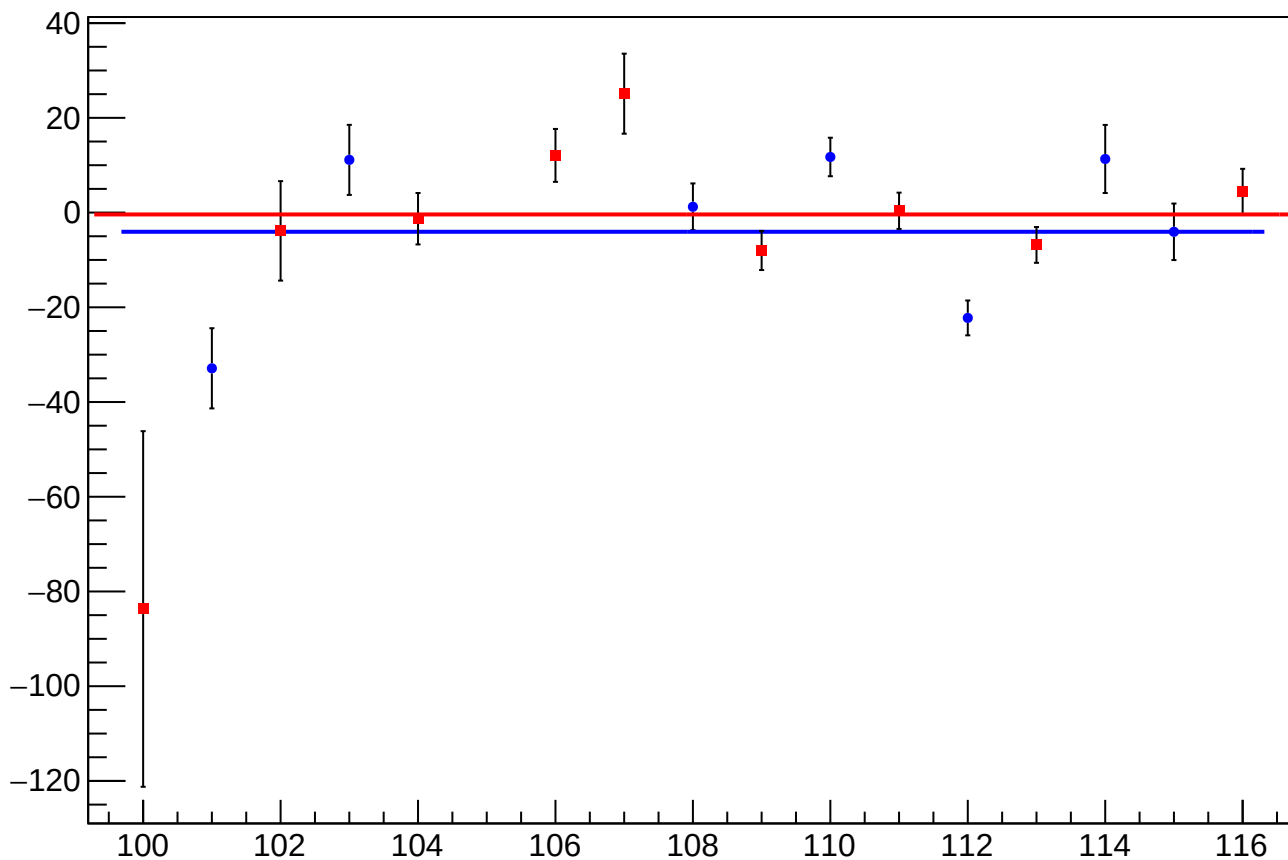
Right: -3.558 $\pm$ 1.064 χ^2 /NDF: 4101.9/15

In: -10.008 $\pm$ 1.625 χ^2 /NDF: 1728.6/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.558 $\pm$ 1.064 χ^2 /NDF: 4101.9/15

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.053+/-1.980 χ^2/NDF : 61.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.396+/-1.741 χ^2/NDF : 26.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

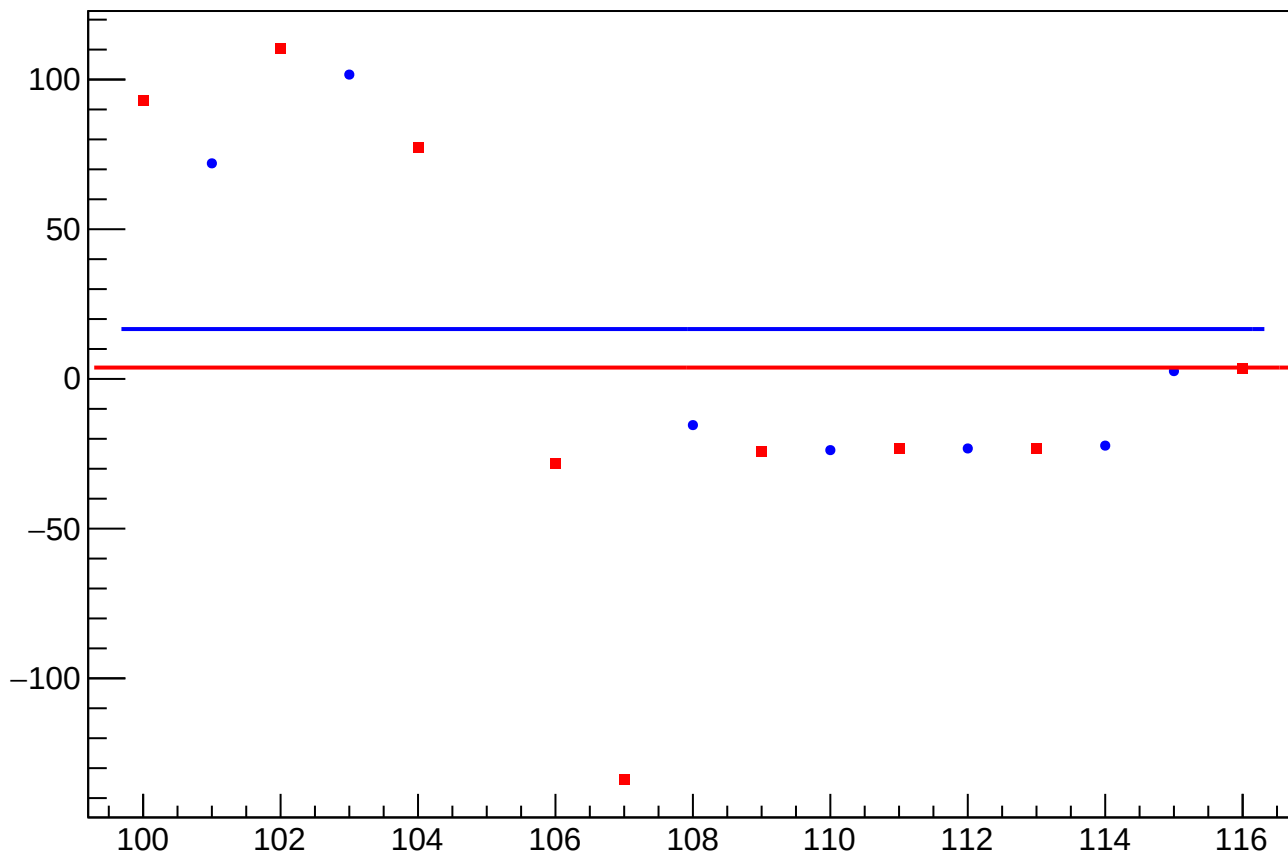
Right: -1.991+/-1.307 χ^2/NDF : 89.5/15

In: -4.053+/-1.980 χ^2/NDF : 61.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.991+/-1.307 χ^2/NDF : 89.5/15

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.656+/-0.096 χ^2/NDF : 301838.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.796+/-0.087 χ^2/NDF : 446095.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

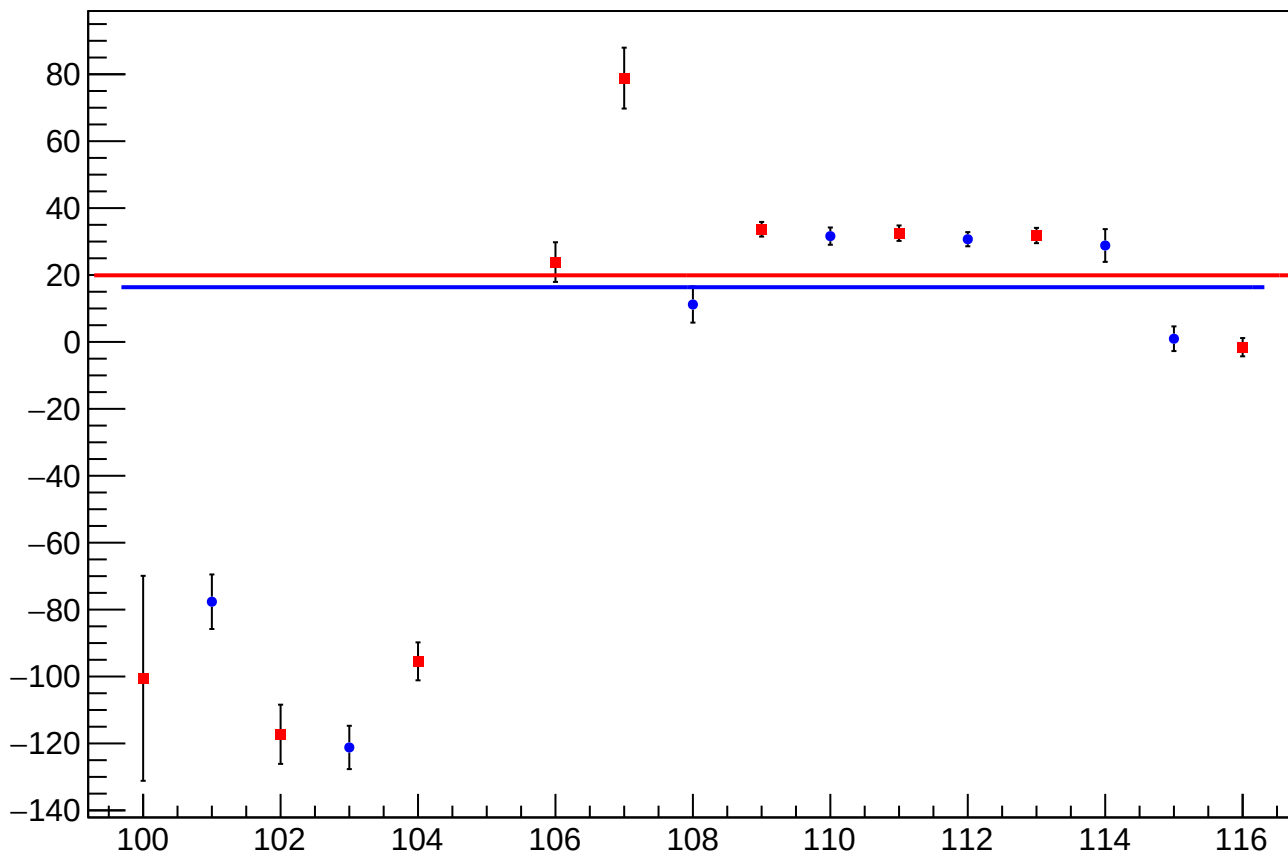
Right: 9.589+/-0.065 χ^2/NDF : 757773.5/15

In: 16.656+/-0.096 χ^2/NDF : 301838.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.589+/-0.065 χ^2/NDF : 757773.5/15

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.356 $\pm$ 1.335 χ^2 /NDF: 689.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.911 $\pm$ 1.113 χ^2 /NDF: 870.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

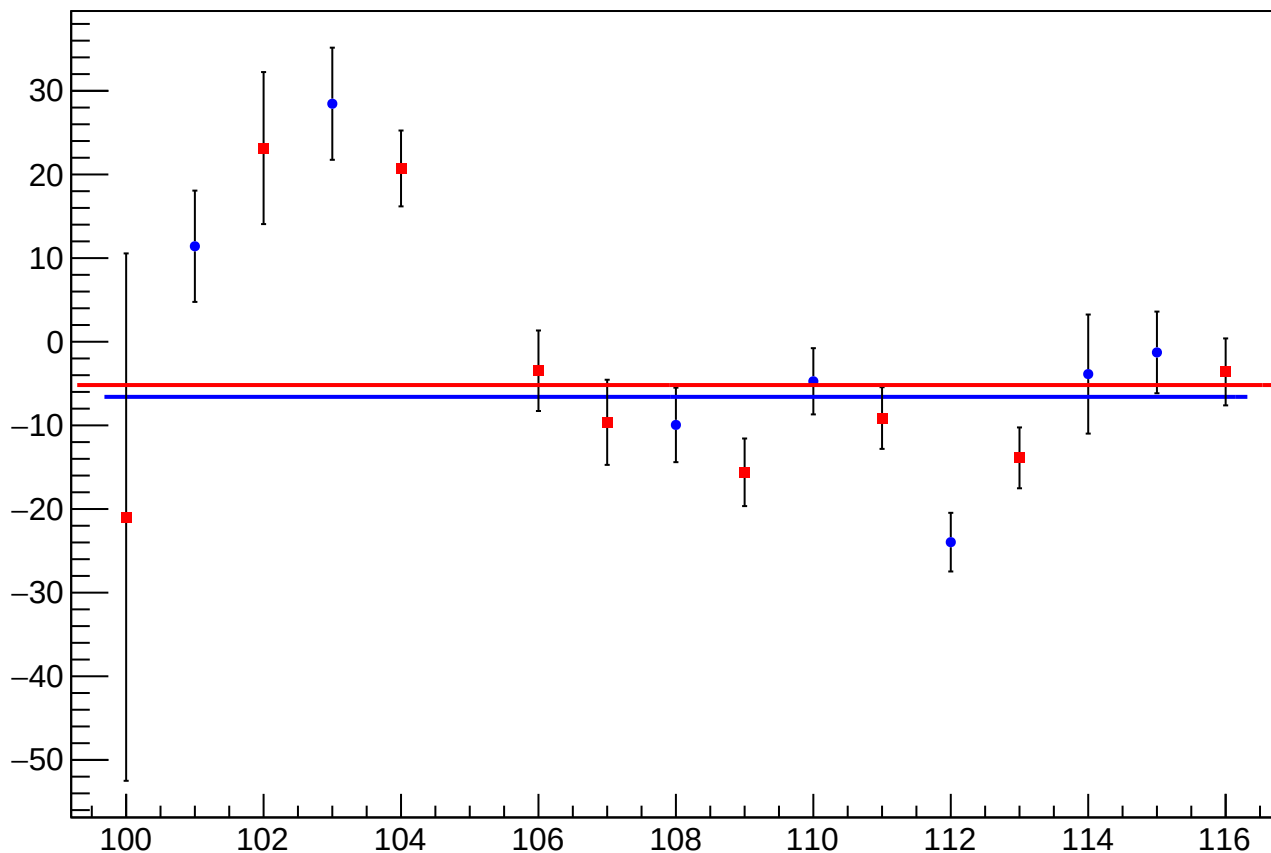
Right: 18.454 $\pm$ 0.855 χ^2 /NDF: 1564.4/15

In: 16.356 $\pm$ 1.335 χ^2 /NDF: 689.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.454 $\pm$ 0.855 χ^2 /NDF: 1564.4/15

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.590+/-1.819 χ^2/NDF : 61.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.178+/-1.550 χ^2/NDF : 57.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

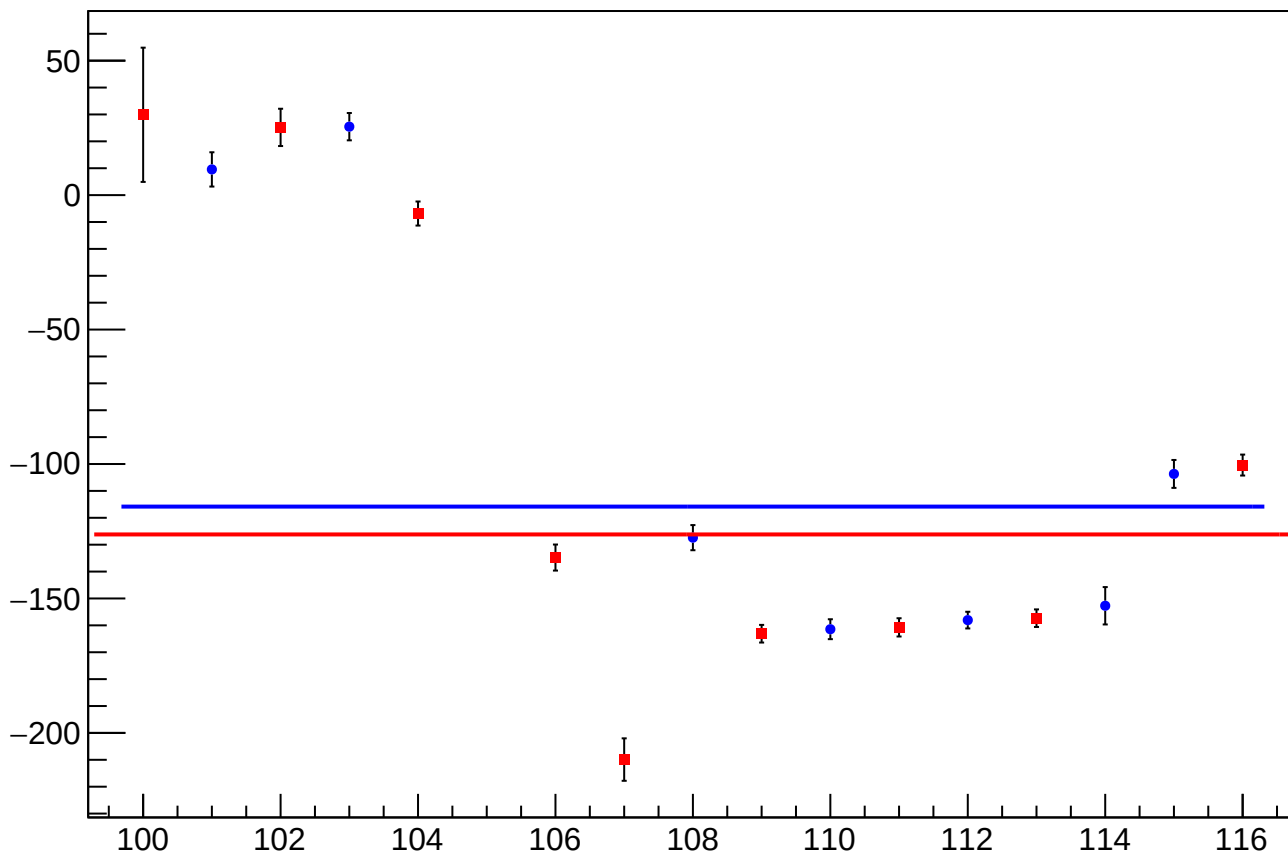
Right: -5.772+/-1.180 χ^2/NDF : 118.8/15

In: -6.590+/-1.819 χ^2/NDF : 61.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.772+/-1.180 χ^2/NDF : 118.8/15

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -115.835 $\pm$ 1.705 χ^2 /NDF: 1537.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -126.189 $\pm$ 1.458 χ^2 /NDF: 1707.6/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

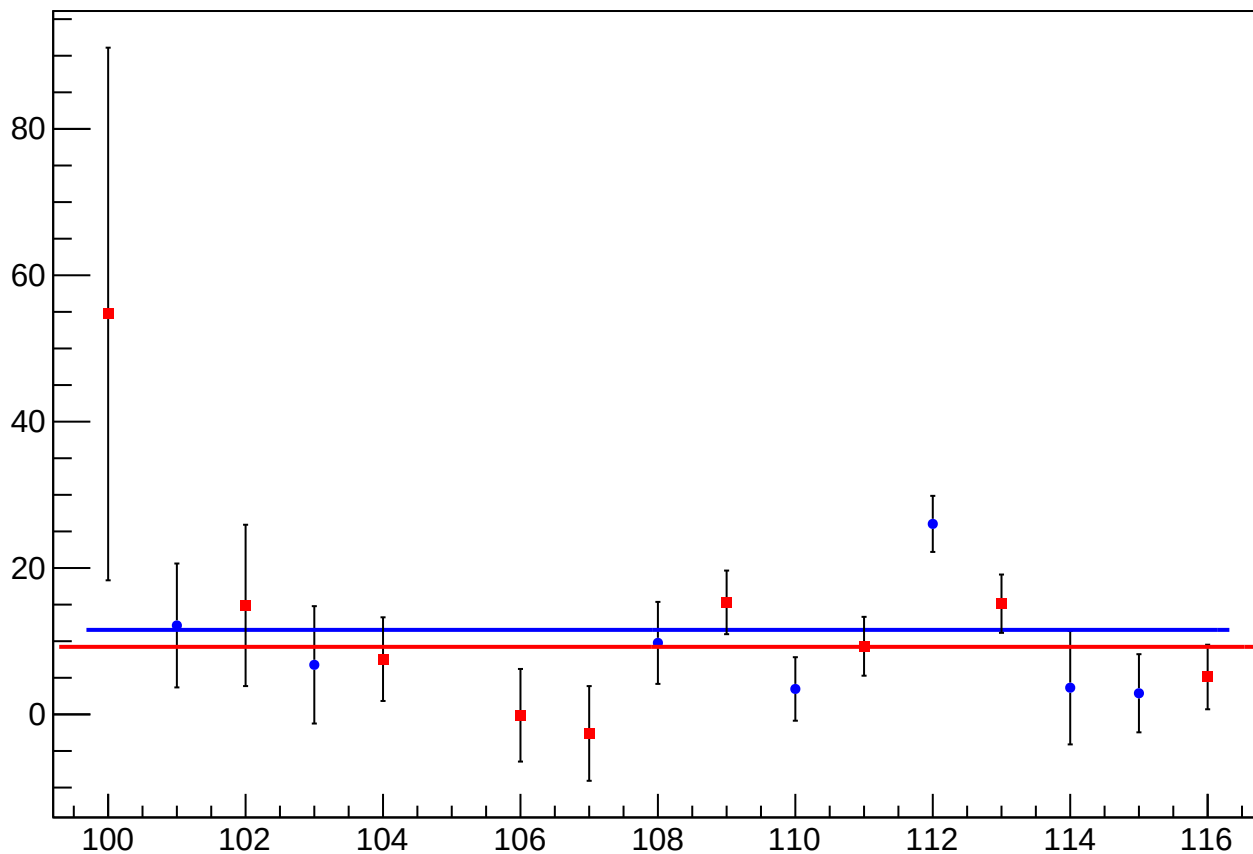
Right: -121.816 $\pm$ 1.108 χ^2 /NDF: 3266.4/15

In: -115.835 $\pm$ 1.705 χ^2 /NDF:1537.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -121.816 $\pm$ 1.108 χ^2 /NDF: 3266.4/15

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.547 $\pm$ 2.066 χ^2 /NDF: 21.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.228 $\pm$ 1.774 χ^2 /NDF: 12.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

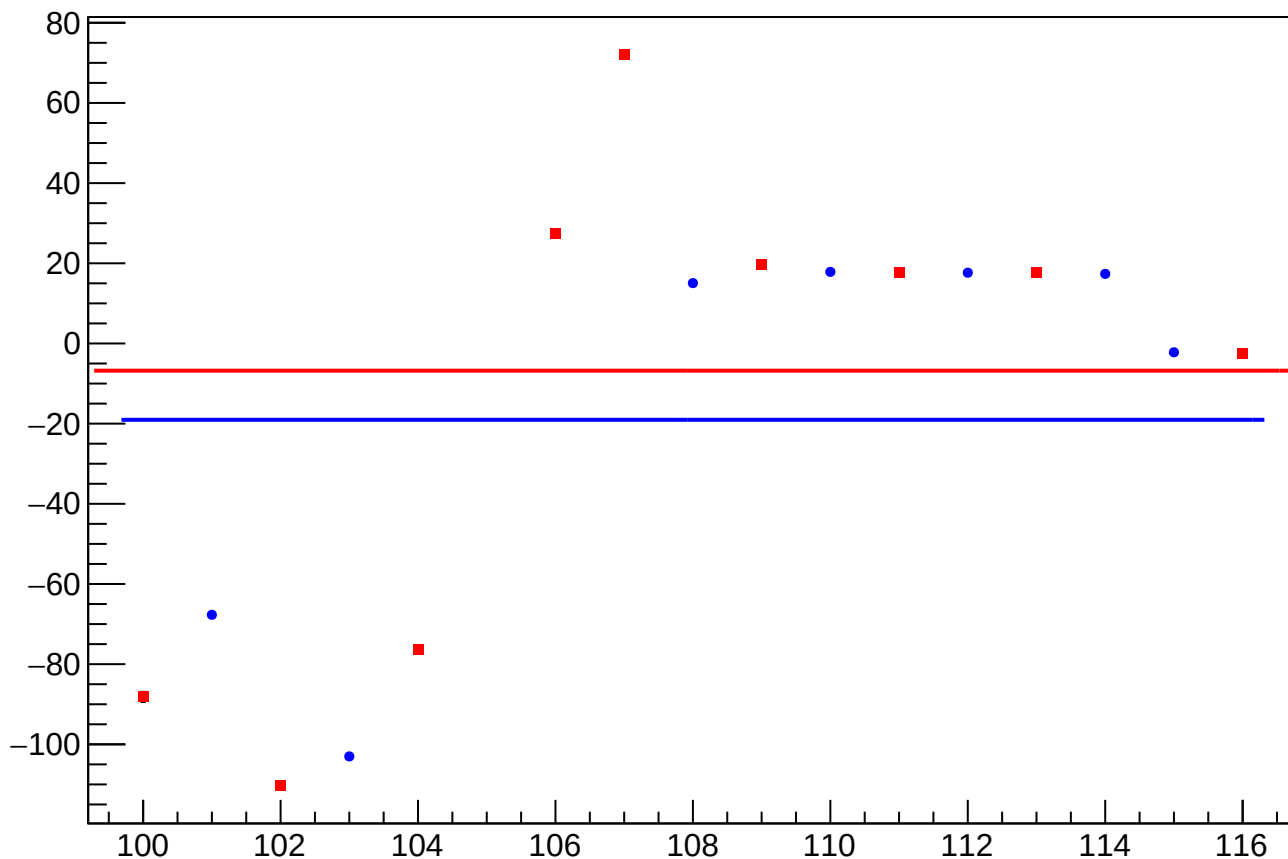
Right: 10.213 $\pm$ 1.346 χ^2 /NDF: 35.1/15

In: 11.547 $\pm$ 2.066 χ^2 /NDF: 21.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.213 $\pm$ 1.346 χ^2 /NDF: 35.1/15

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.040+/-0.103 χ^2/NDF : 247286.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.784+/-0.091 χ^2/NDF : 338572.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

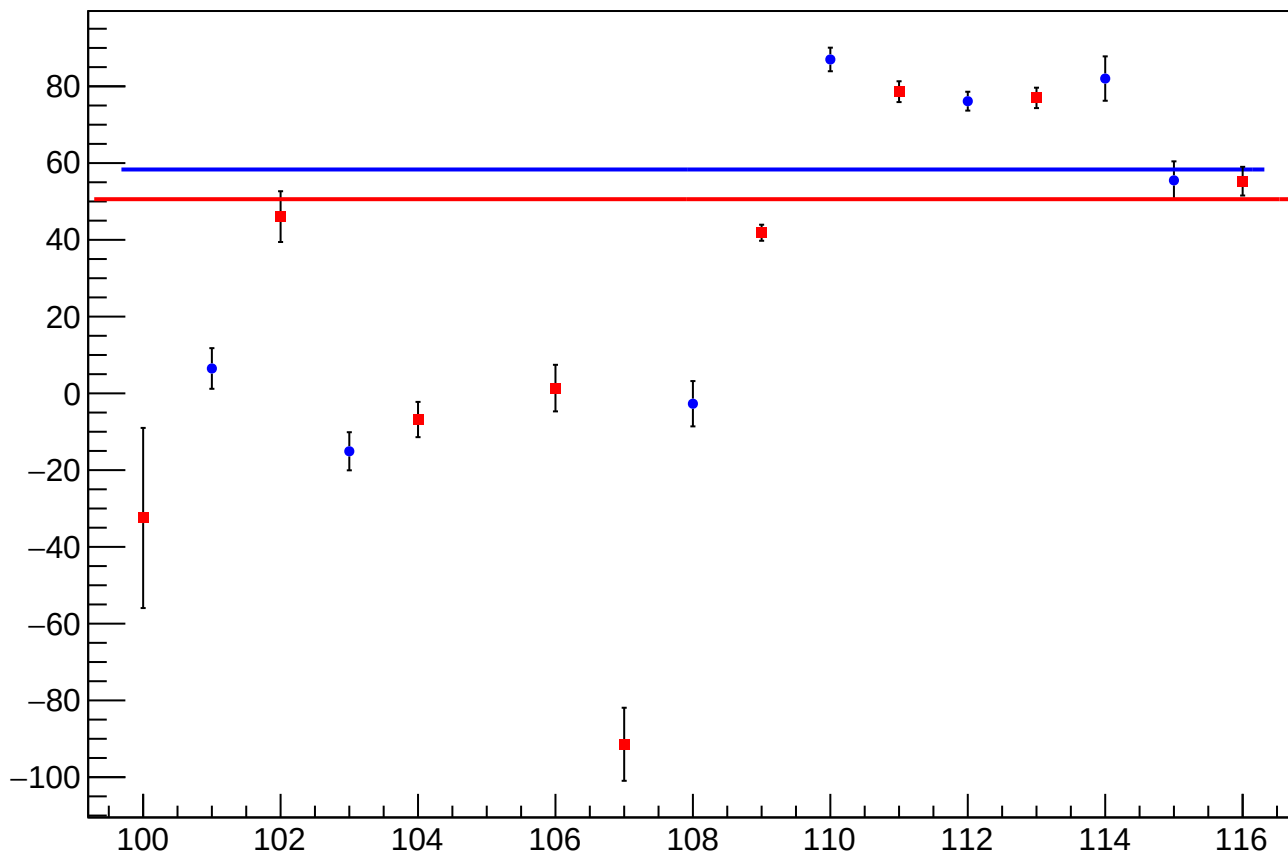
Right: -12.143+/-0.068 χ^2/NDF : 593803.1/15

In: -19.040+/-0.103 χ^2/NDF : 247286.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.143+/-0.068 χ^2/NDF : 593803.1/15

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 58.330+/-1.496 χ^2/NDF : 578.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.591+/-1.206 χ^2/NDF : 681.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

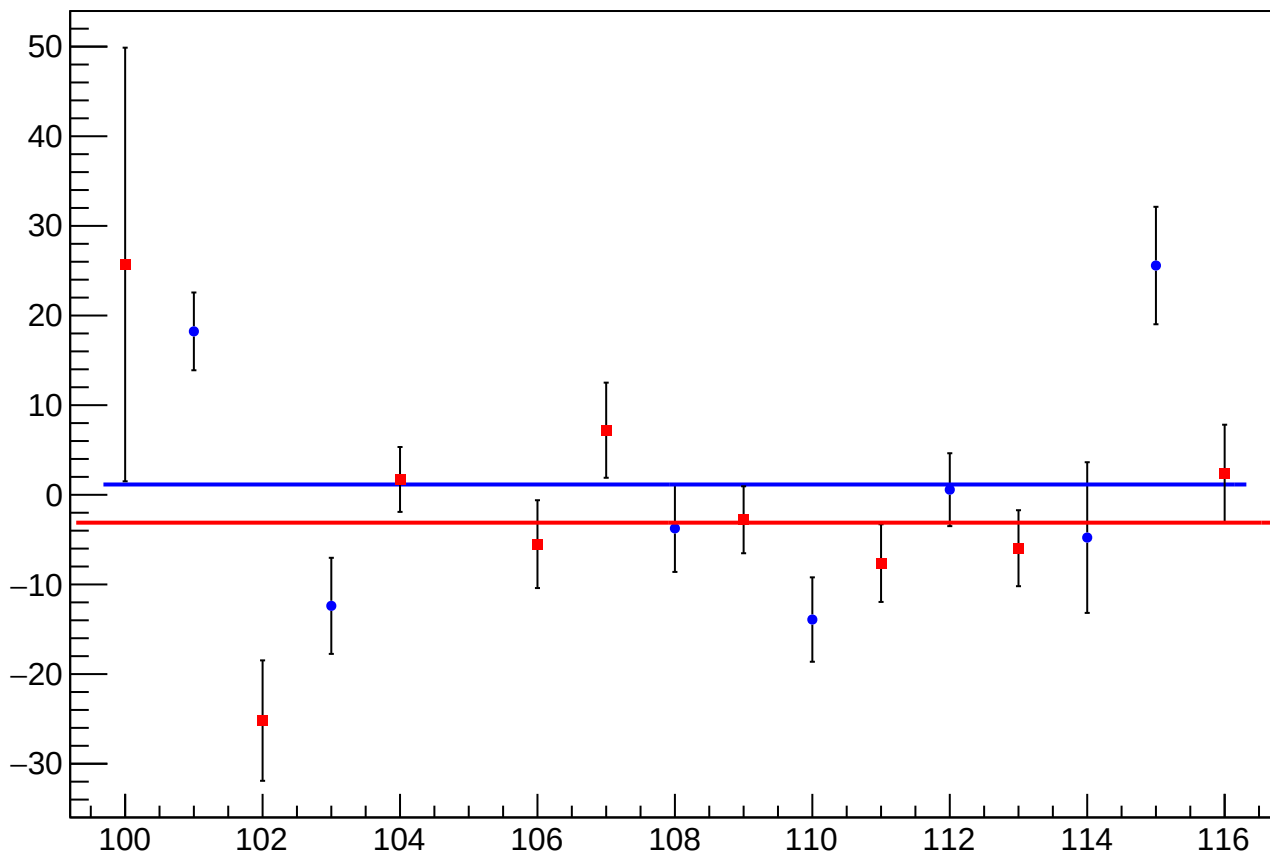
Right: 53.641+/-0.939 χ^2/NDF : 1276.2/15

In: 58.330+/-1.496 χ^2/NDF : 578.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.641+/-0.939 χ^2/NDF : 1276.2/15

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.151+/-1.913 χ^2/NDF : 47.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.107+/-1.598 χ^2/NDF : 20.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

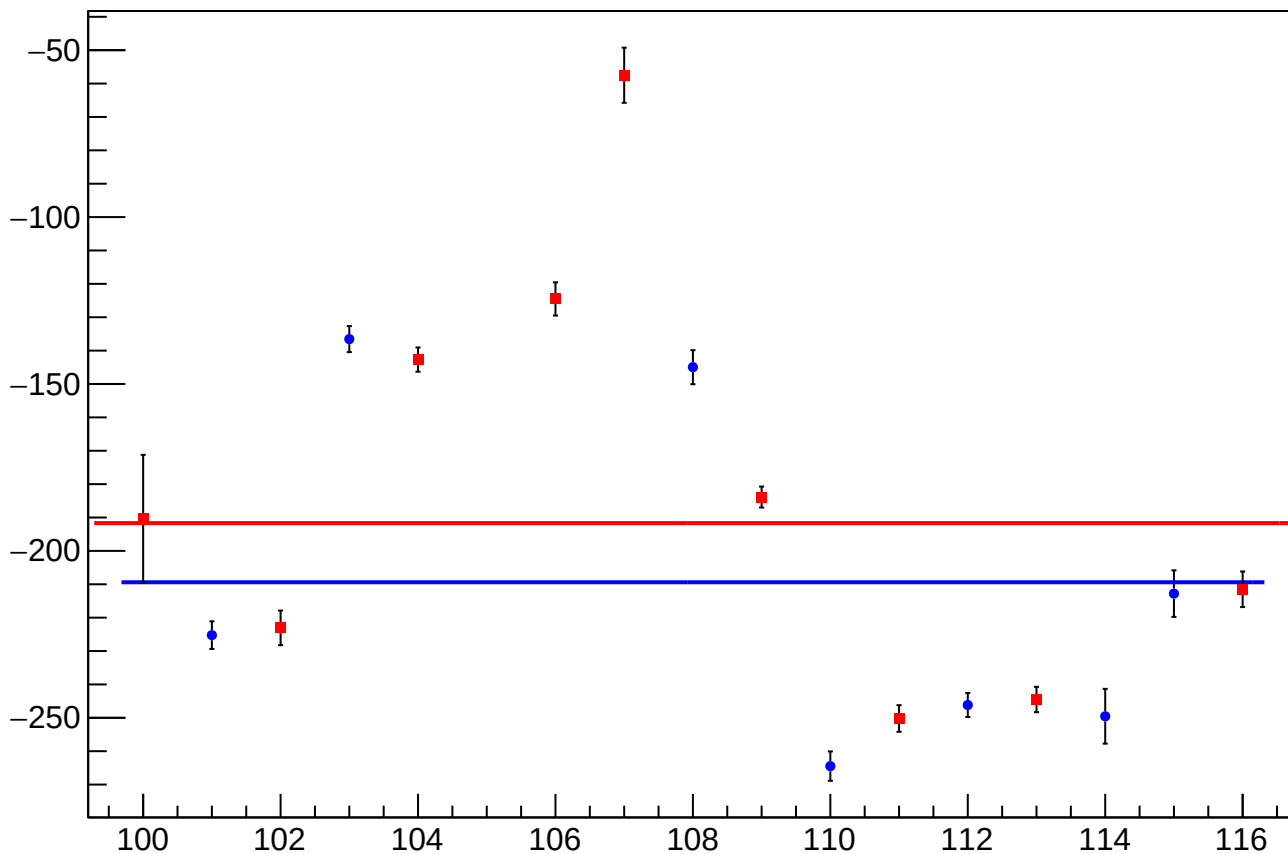
Right: -1.356+/-1.227 χ^2/NDF : 71.0/15

In: 1.151+/-1.913 χ^2/NDF : 47.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.356+/-1.227 χ^2/NDF : 71.0/15

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -209.395+/-1.749 χ^2/NDF : 809.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -191.664+/-1.509 χ^2/NDF : 1093.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

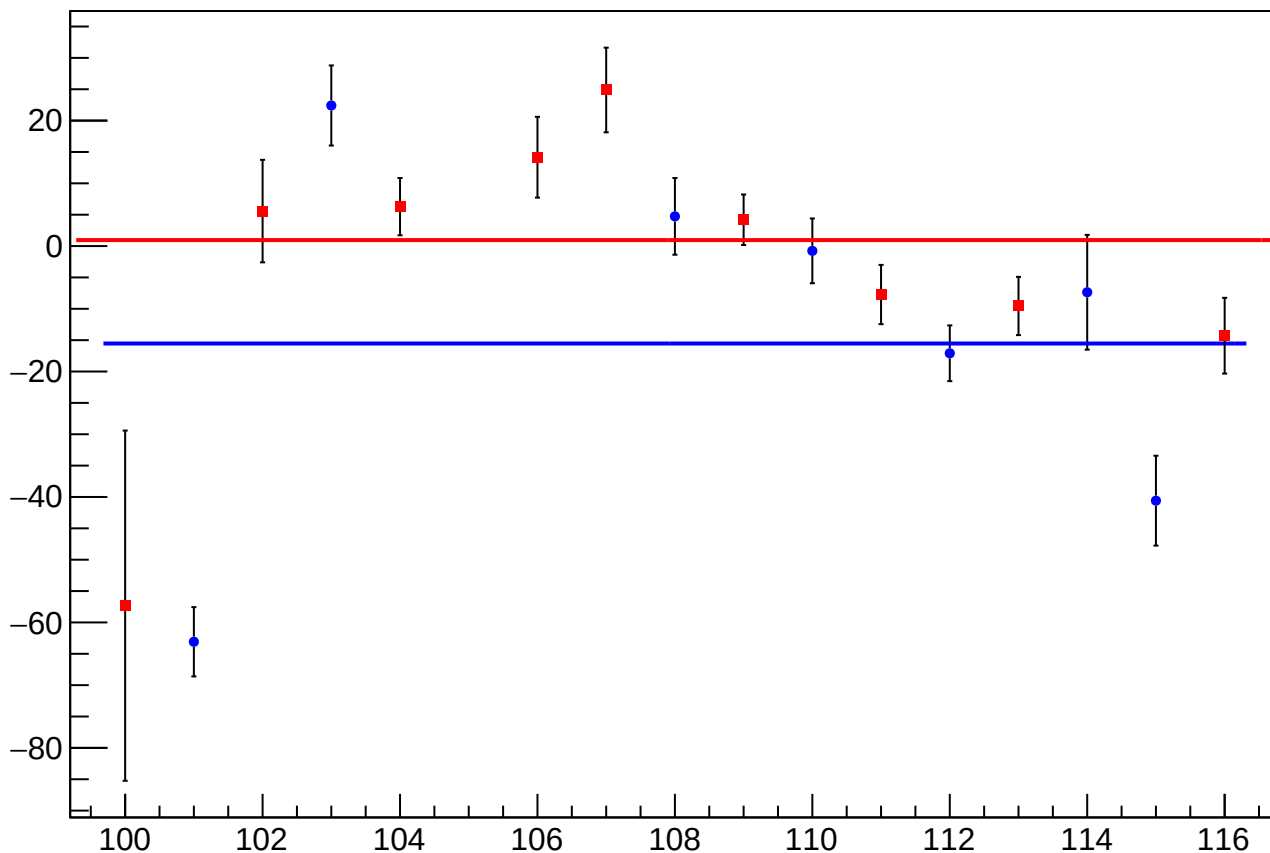
Right: -199.227+/-1.142 χ^2/NDF : 1961.5/15

In: -209.395+/-1.749 χ^2/NDF : 809.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.227+/-1.142 χ^2/NDF : 1961.5/15

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.535+/-2.216 χ^2/NDF : 141.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.952+/-1.854 χ^2/NDF : 38.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

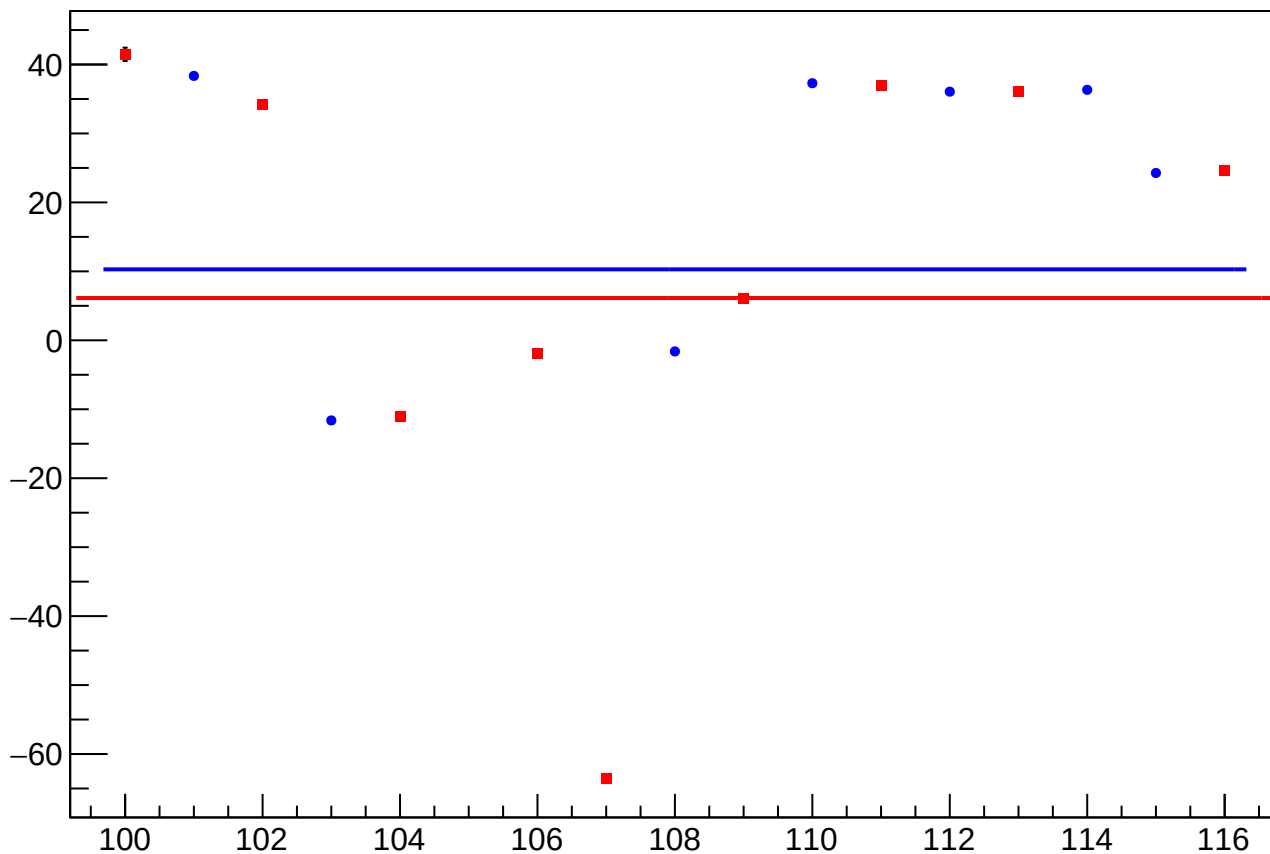
Right: -5.839+/-1.422 χ^2/NDF : 212.6/15

In: -15.535+/-2.216 χ^2/NDF : 141.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.839+/-1.422 χ^2/NDF : 212.6/15

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.291+/-0.098 χ^2/NDF : 50493.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.138+/-0.087 χ^2/NDF : 93290.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

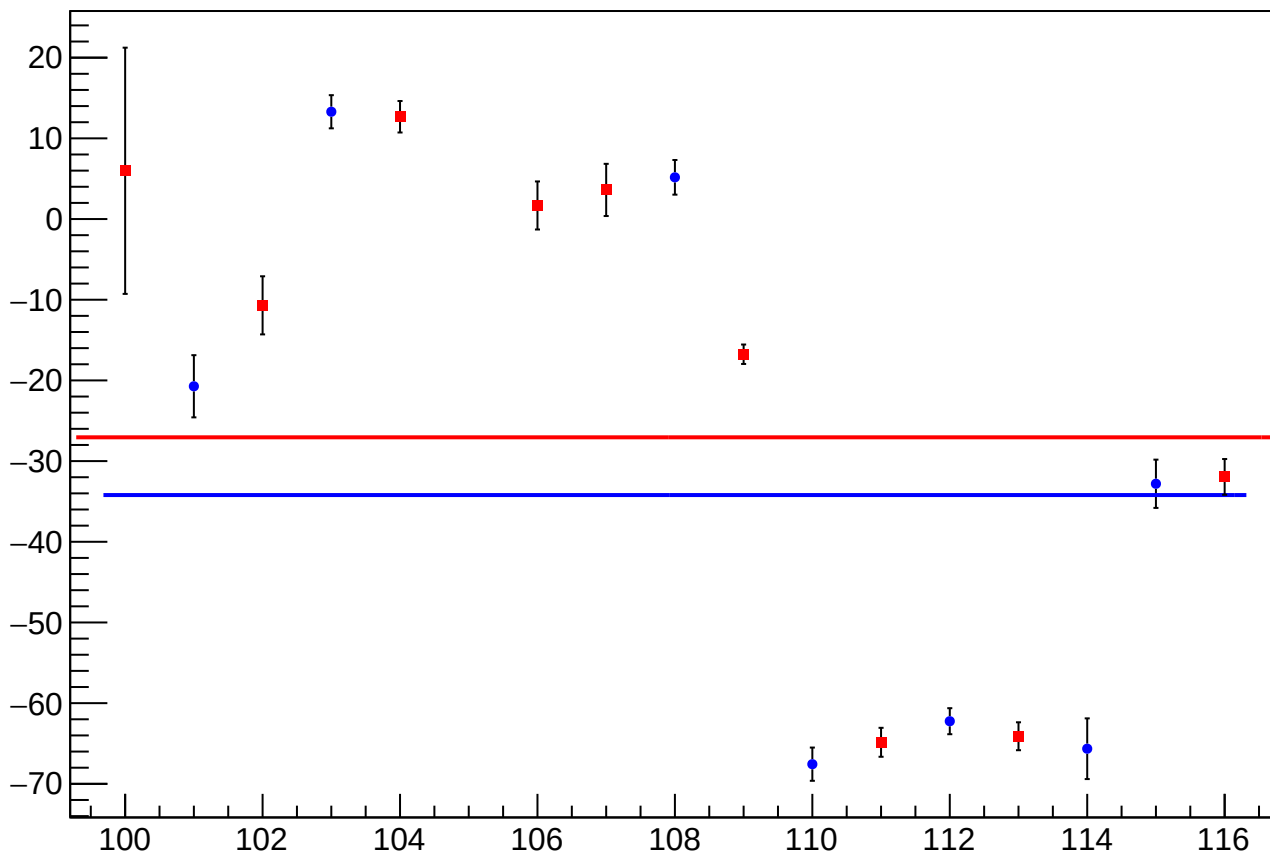
Right: 7.968+/-0.065 χ^2/NDF : 144780.6/15

In: 10.291+/-0.098 χ^2/NDF : 50493.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.968+/-0.065 χ^2/NDF : 144780.6/15

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.208 $\pm$ 0.869 χ^2 /NDF: 1517.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.053 $\pm$ 0.692 χ^2 /NDF: 1603.7/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

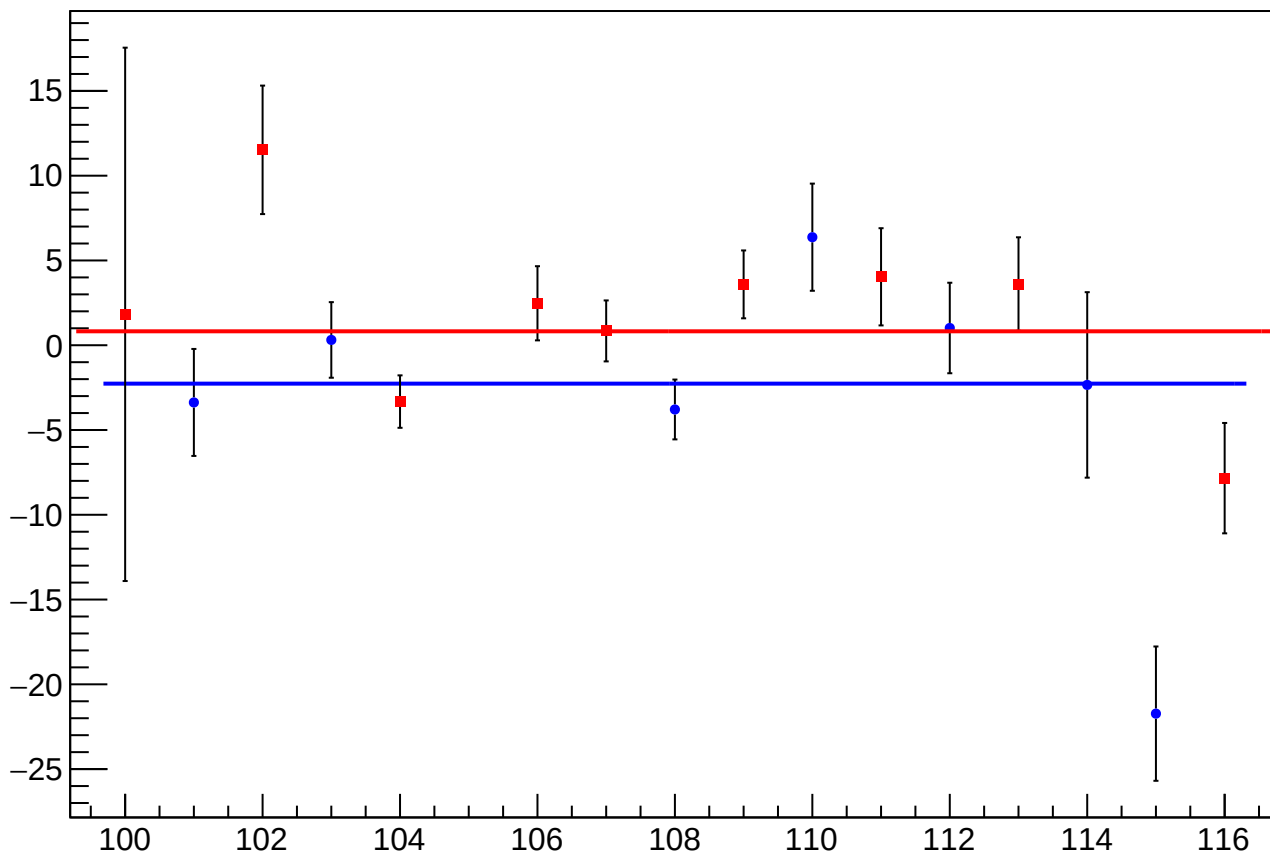
Right: -29.827 $\pm$ 0.541 χ^2 /NDF: 3162.4/15

In: -34.208 $\pm$ 0.869 χ^2 /NDF:1517.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.827 $\pm$ 0.541 χ^2 /NDF: 3162.4/15

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.265+/-1.020 χ^2/NDF : 35.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.822+/-0.789 χ^2/NDF : 27.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

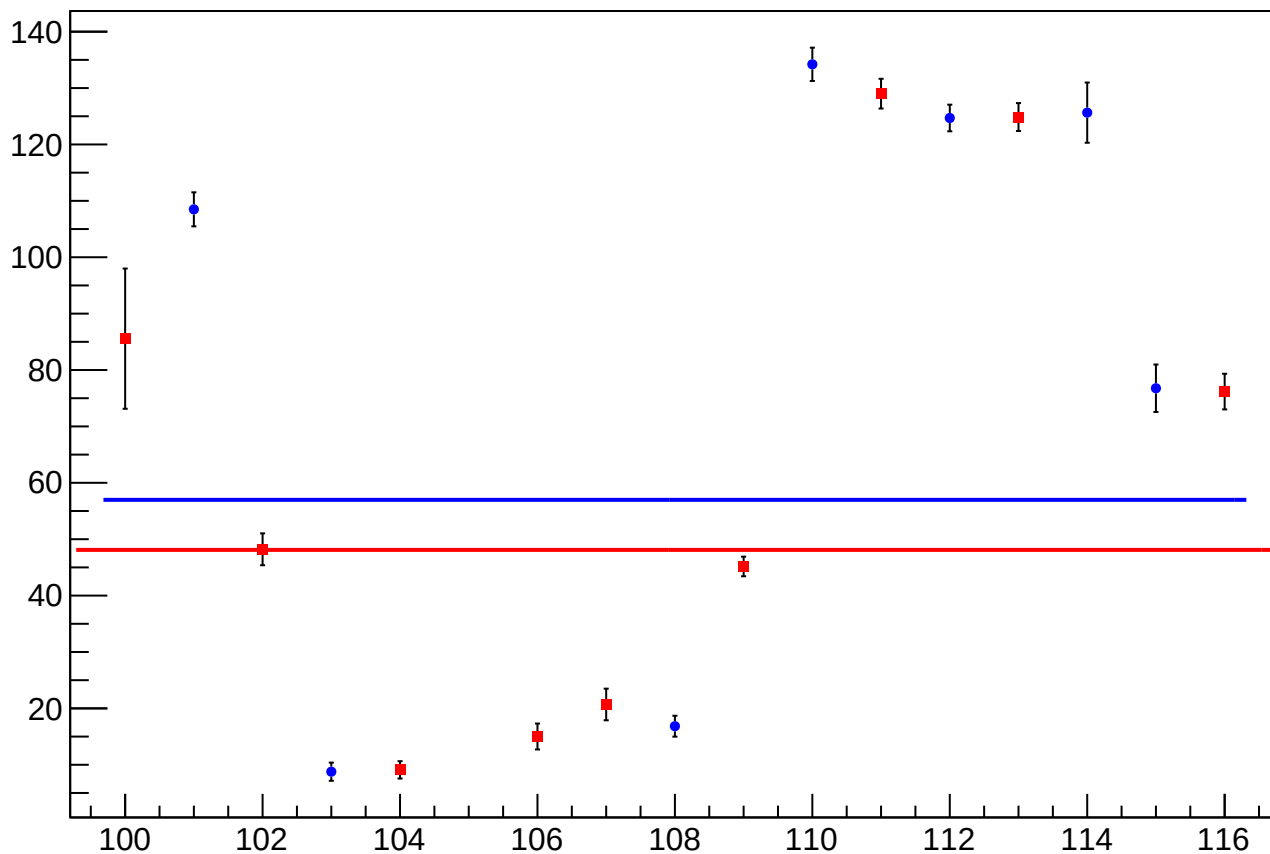
Right: -0.333+/-0.624 χ^2/NDF : 68.1/15

In: -2.265+/-1.020 χ^2/NDF : 35.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.333+/-0.624 χ^2/NDF : 68.1/15

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 56.981+/-0.924 χ^2/NDF : 3347.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.104+/-0.789 χ^2/NDF : 2937.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

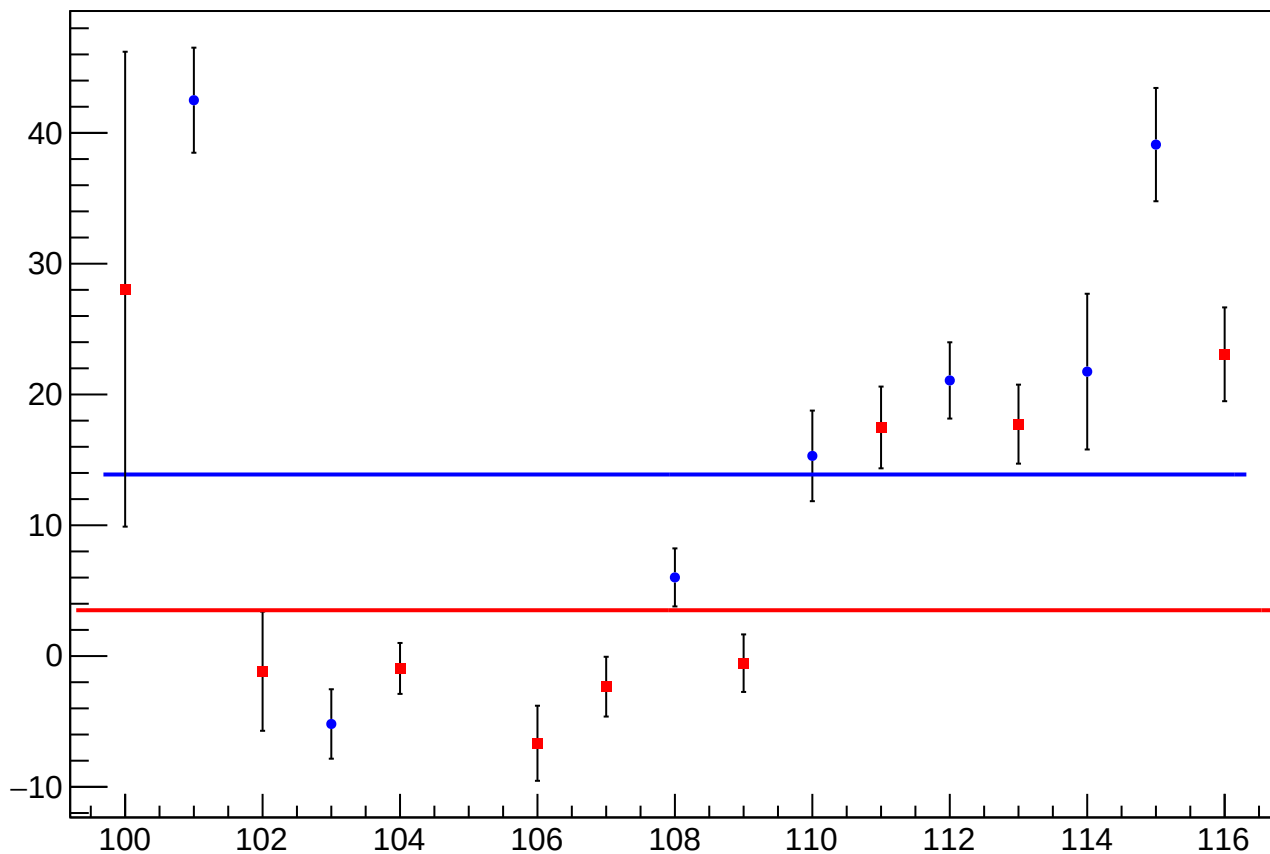
Right: 51.844+/-0.600 χ^2/NDF : 6338.1/15

In: 56.981+/-0.924 χ^2/NDF : 3347.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.844+/-0.600 χ^2/NDF : 6338.1/15

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.883+/-1.204 χ^2/NDF : 156.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.504+/-0.943 χ^2/NDF : 102.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

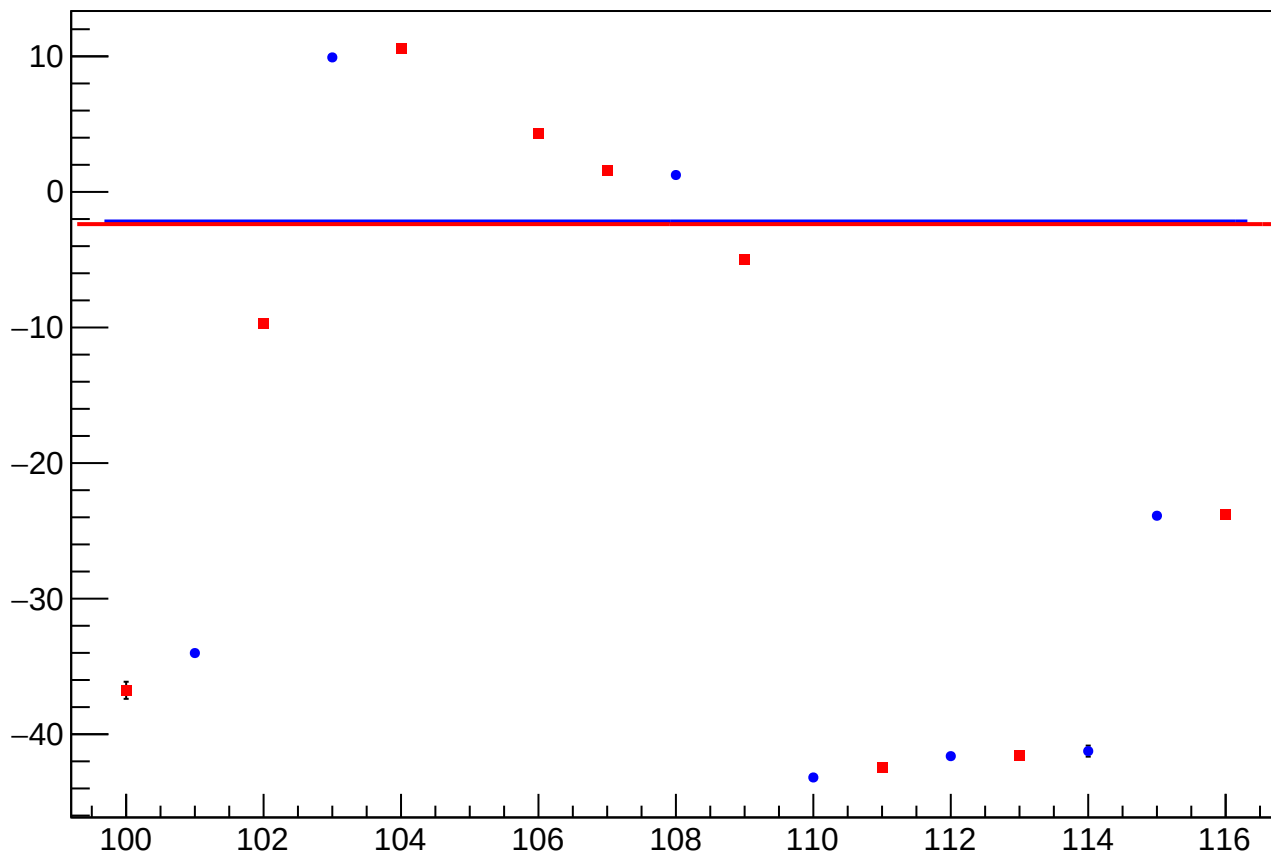
Right: 7.450+/-0.743 χ^2/NDF : 305.4/15

In: 13.883+/-1.204 χ^2/NDF : 156.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.450+/-0.743 χ^2/NDF : 305.4/15

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.182+/-0.045 χ^2/NDF : 153047.8/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.375+/-0.043 χ^2/NDF : 130959.8/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

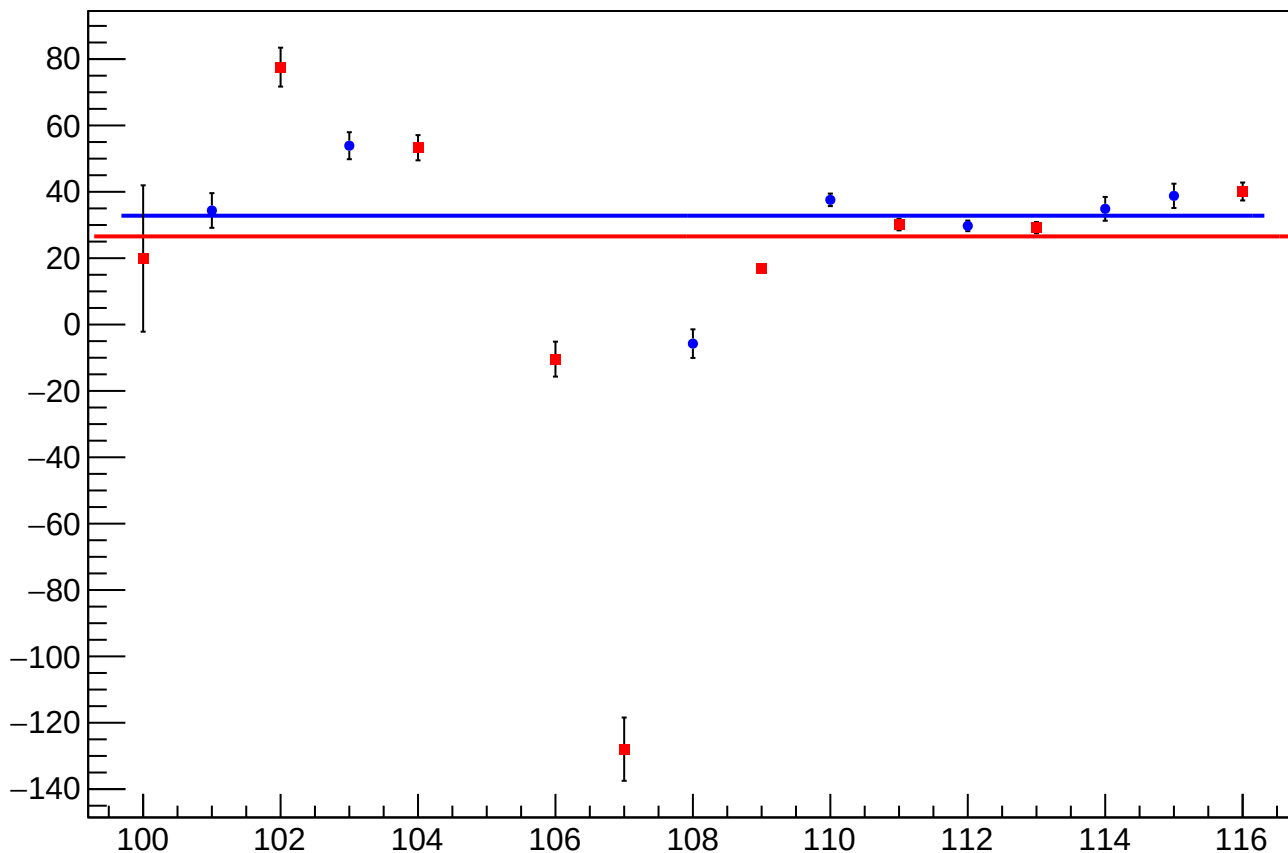
Right: -2.284+/-0.031 χ^2/NDF : 284017.3/15

In: -2.182+/-0.045 χ^2/NDF :153047.8/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.284+/-0.031 χ^2/NDF : 284017.3/15

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.799+/-1.012 χ^2/NDF : 120.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.563+/-0.843 χ^2/NDF : 509.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

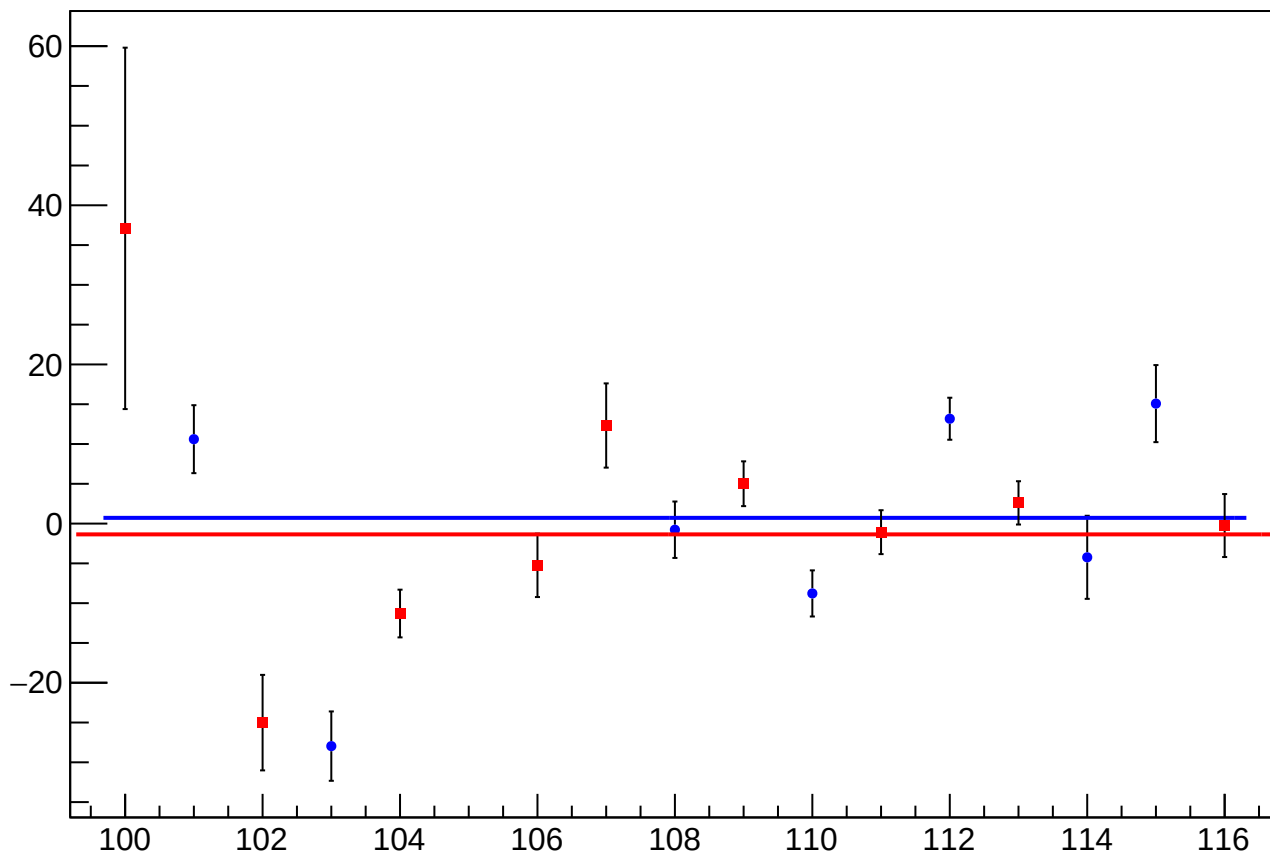
Right: 29.117+/-0.648 χ^2/NDF : 652.1/15

In: 32.799+/-1.012 χ^2/NDF : 120.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.117+/-0.648 χ^2/NDF : 652.1/15

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.721+/-1.375 χ^2/NDF : 91.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.356+/-1.198 χ^2/NDF : 44.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

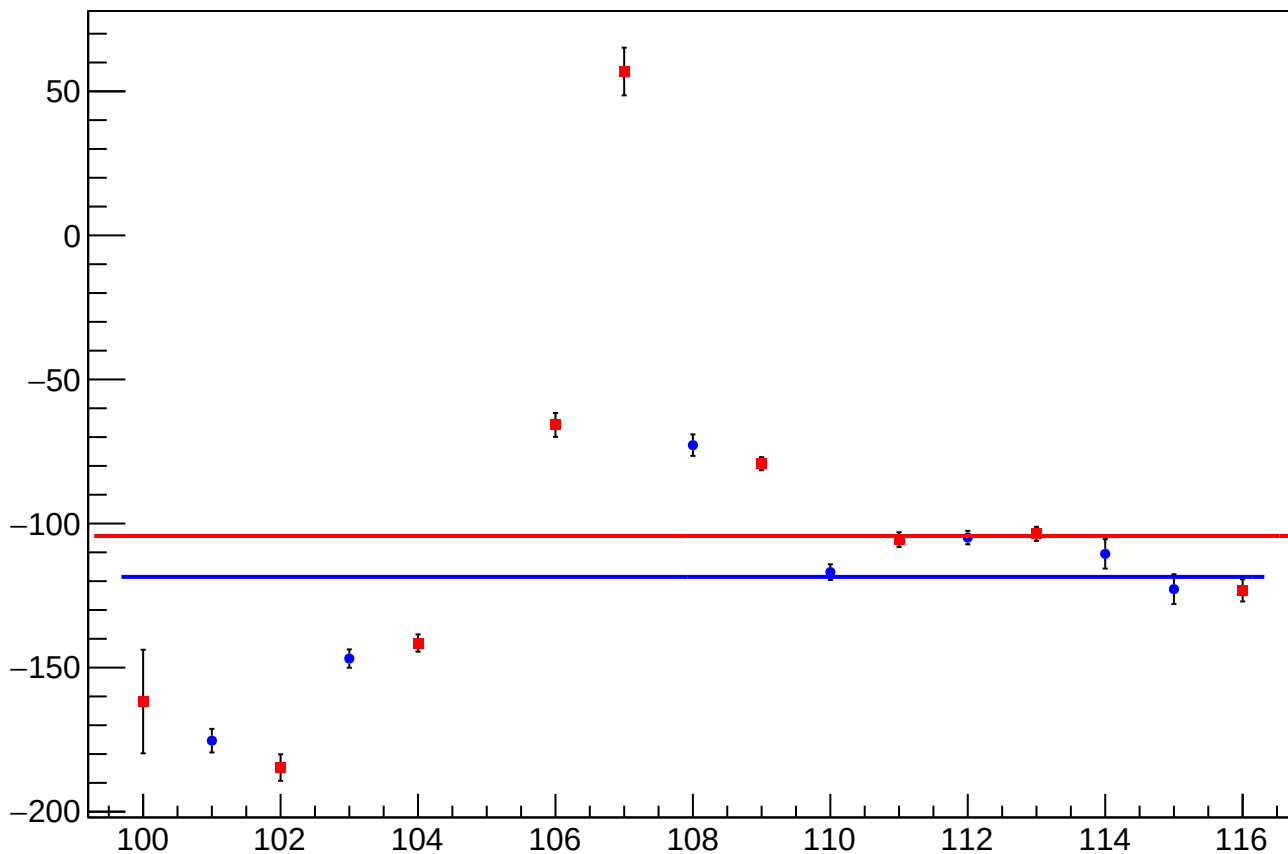
Right: -0.459+/-0.903 χ^2/NDF : 137.2/15

In: 0.721+/-1.375 χ^2/NDF : 91.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.459+/-0.903 χ^2/NDF : 137.2/15

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.511+/-1.264 χ^2/NDF : 460.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -104.317+/-1.105 χ^2/NDF : 1082.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

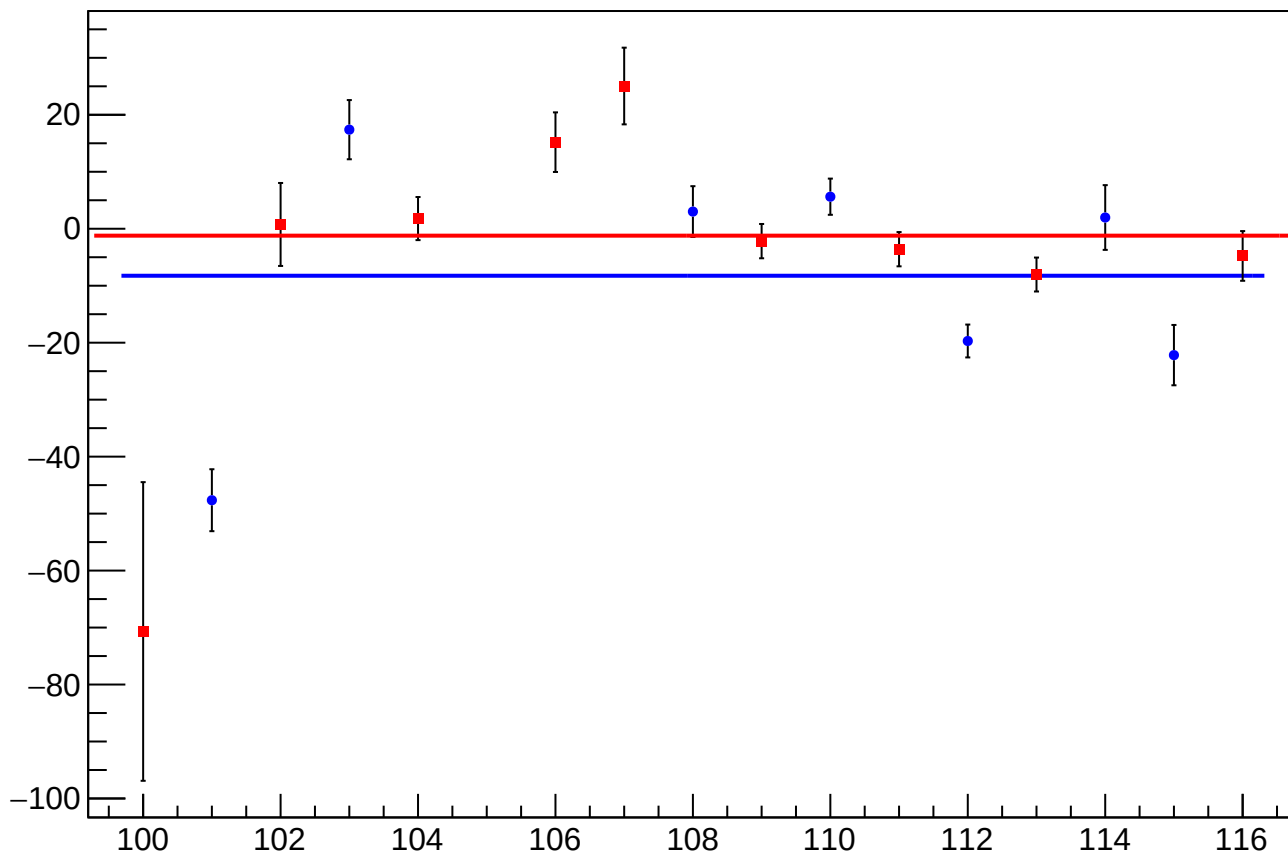
Right: -110.466+/-0.832 χ^2/NDF : 1614.4/15

In: -118.511+/-1.264 χ^2/NDF : 460.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.466+/-0.832 χ^2/NDF : 1614.4/15

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.250+/-1.567 χ^2/NDF : 128.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.214+/-1.367 χ^2/NDF : 39.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

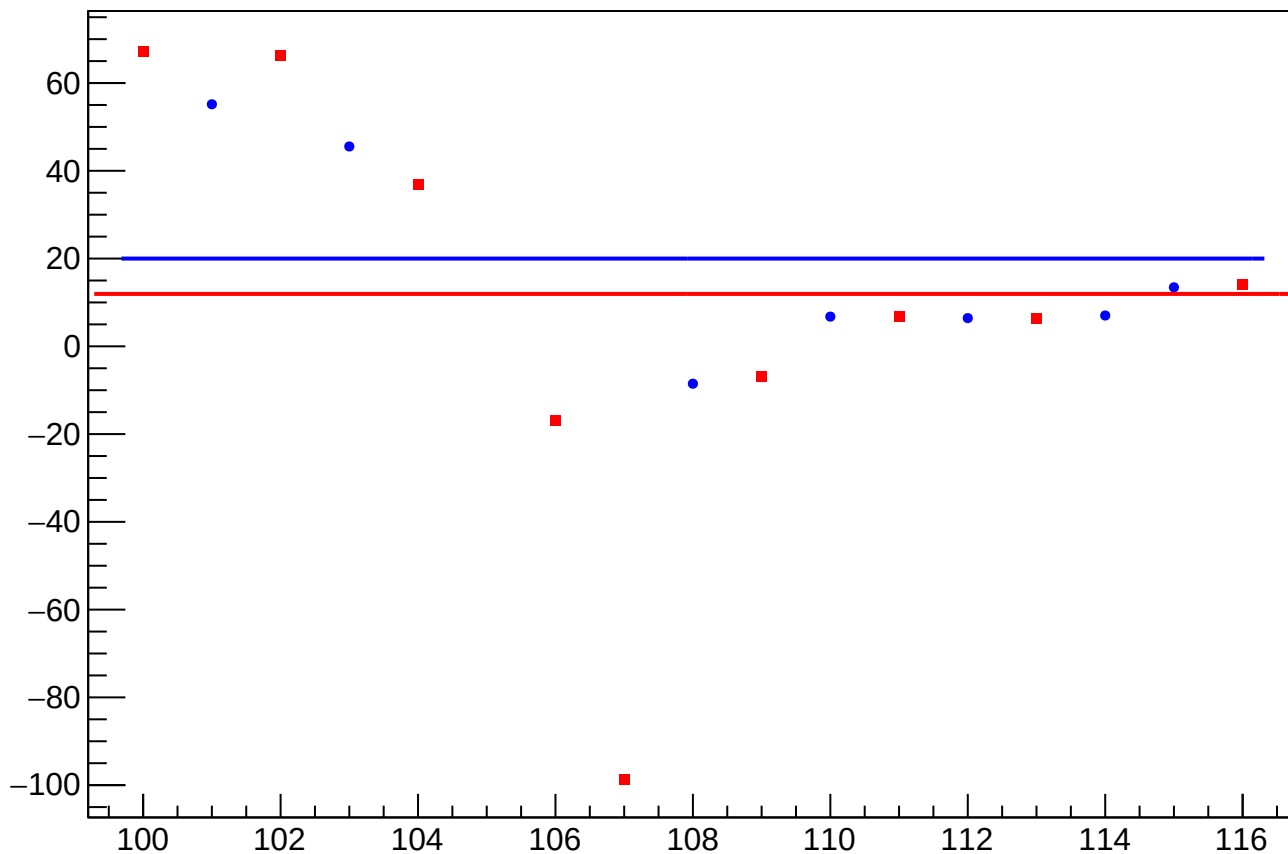
Right: -4.254+/-1.030 χ^2/NDF : 179.2/15

In: -8.250+/-1.567 χ^2/NDF : 128.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.254+/-1.030 χ^2/NDF : 179.2/15

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.998 $\pm$ 0.075 χ^2 /NDF: 103229.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.944 $\pm$ 0.069 χ^2 /NDF: 250664.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

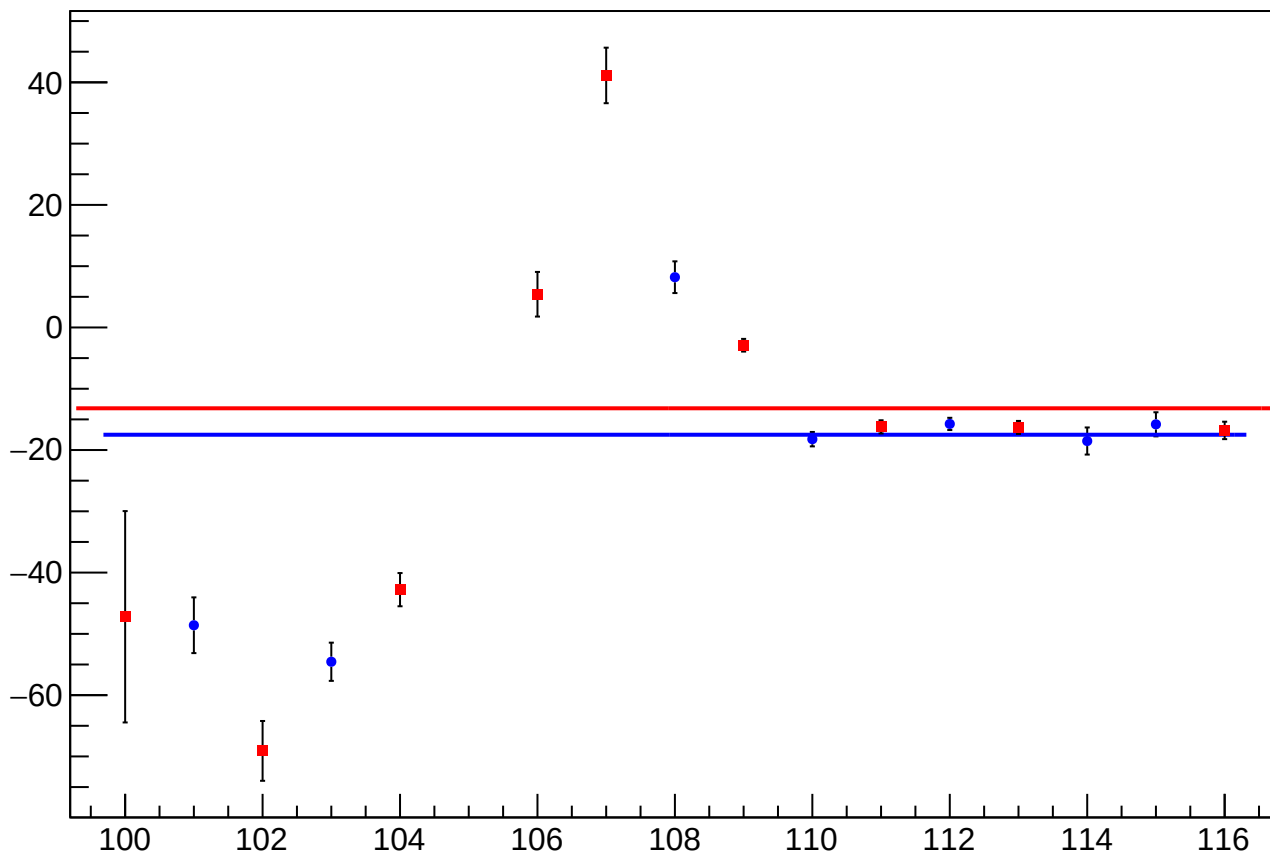
Right: 15.659 $\pm$ 0.051 χ^2 /NDF: 360159.9/15

In: 19.998 $\pm$ 0.075 χ^2 /NDF:103229.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.659 $\pm$ 0.051 χ^2 /NDF: 360159.9/15

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.505 $\pm$ 0.634 χ^2 /NDF: 291.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.190 $\pm$ 0.536 χ^2 /NDF: 546.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

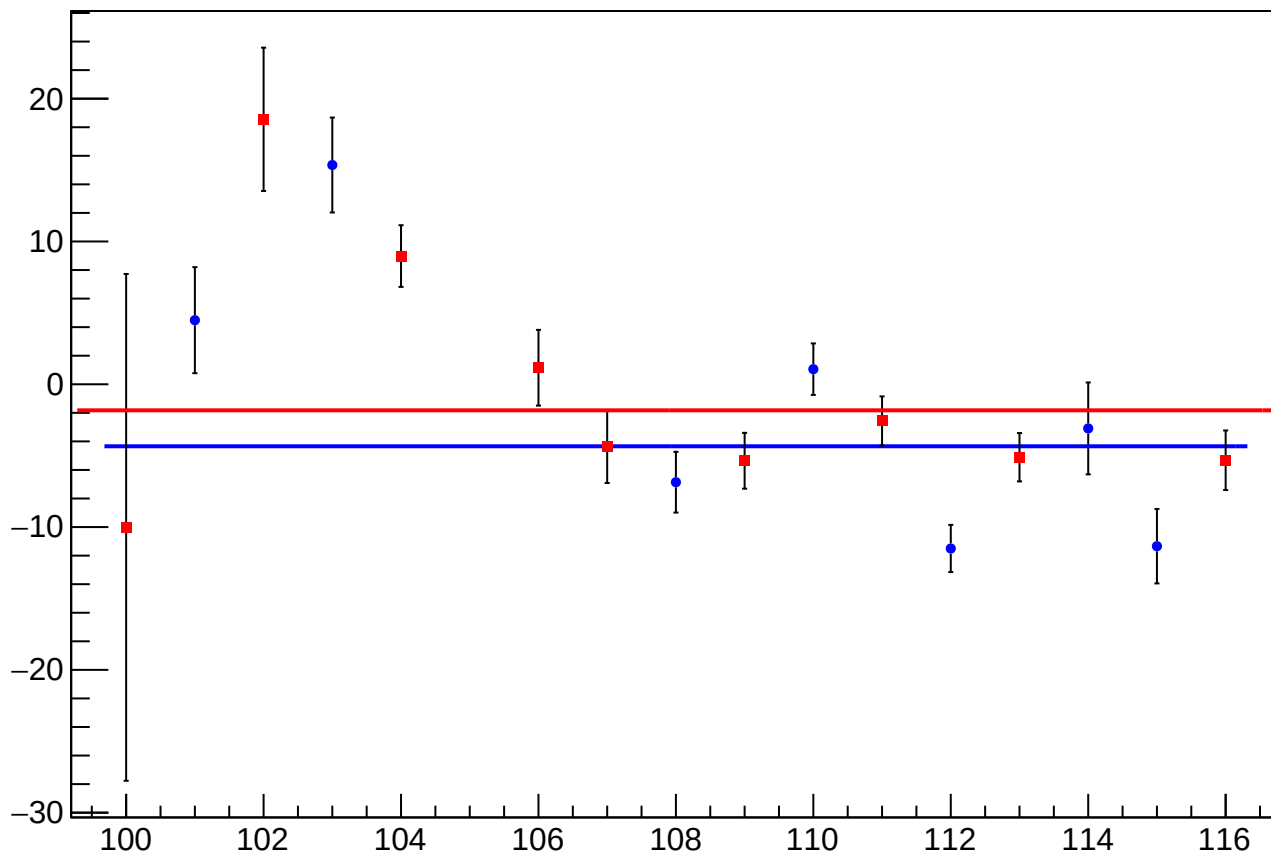
Right: -14.989 $\pm$ 0.409 χ^2 /NDF: 864.1/15

In: -17.505 $\pm$ 0.634 χ^2 /NDF:291.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.989 $\pm$ 0.409 χ^2 /NDF: 864.1/15

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.342 ± 0.877 χ^2/NDF : 77.3/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.825 ± 0.760 χ^2/NDF : 54.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

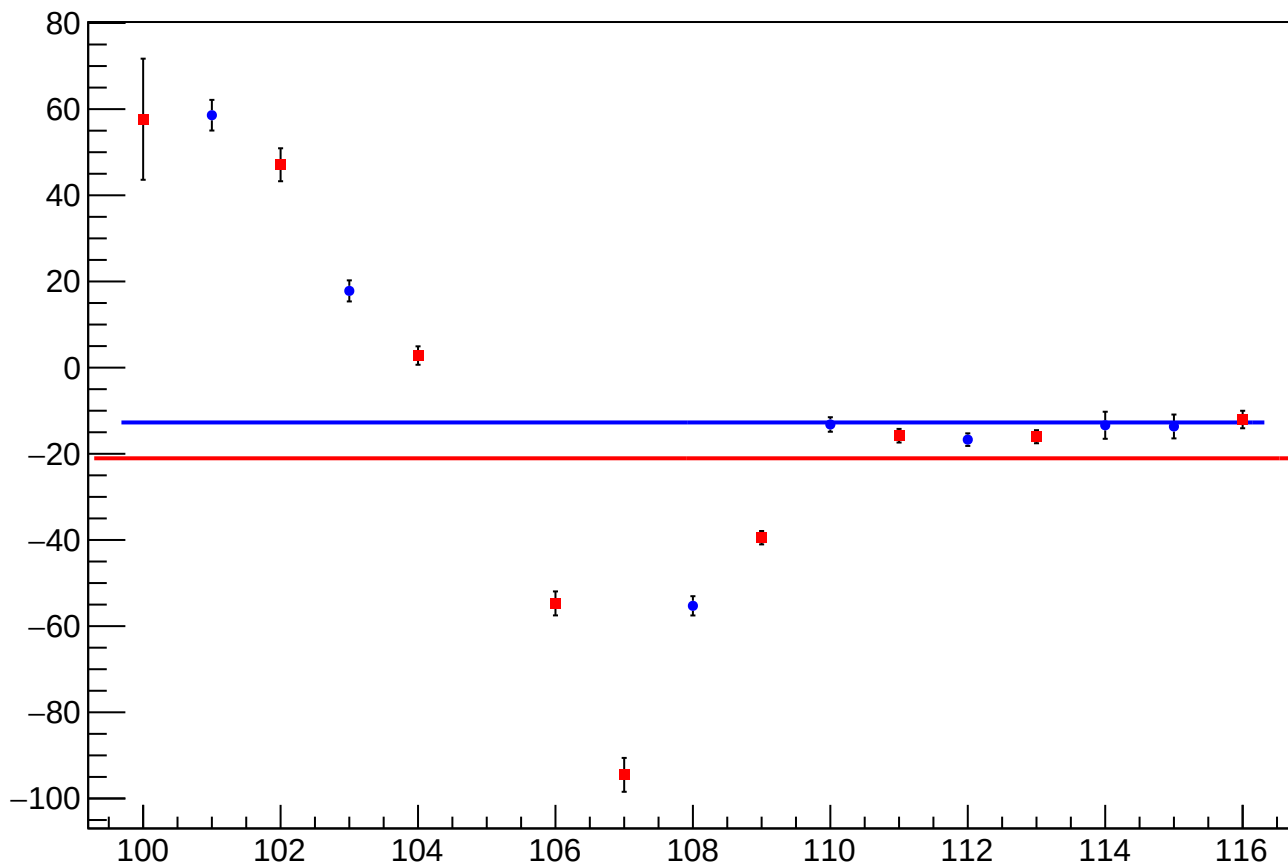
Right: -2.904 ± 0.574 χ^2/NDF : 136.0/15

In: -4.342 ± 0.877 χ^2/NDF : 77.3/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.904 ± 0.574 χ^2/NDF : 136.0/15

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.724 $\pm$ 0.817 χ^2 /NDF: 927.8/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.044 $\pm$ 0.712 χ^2 /NDF: 1150.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

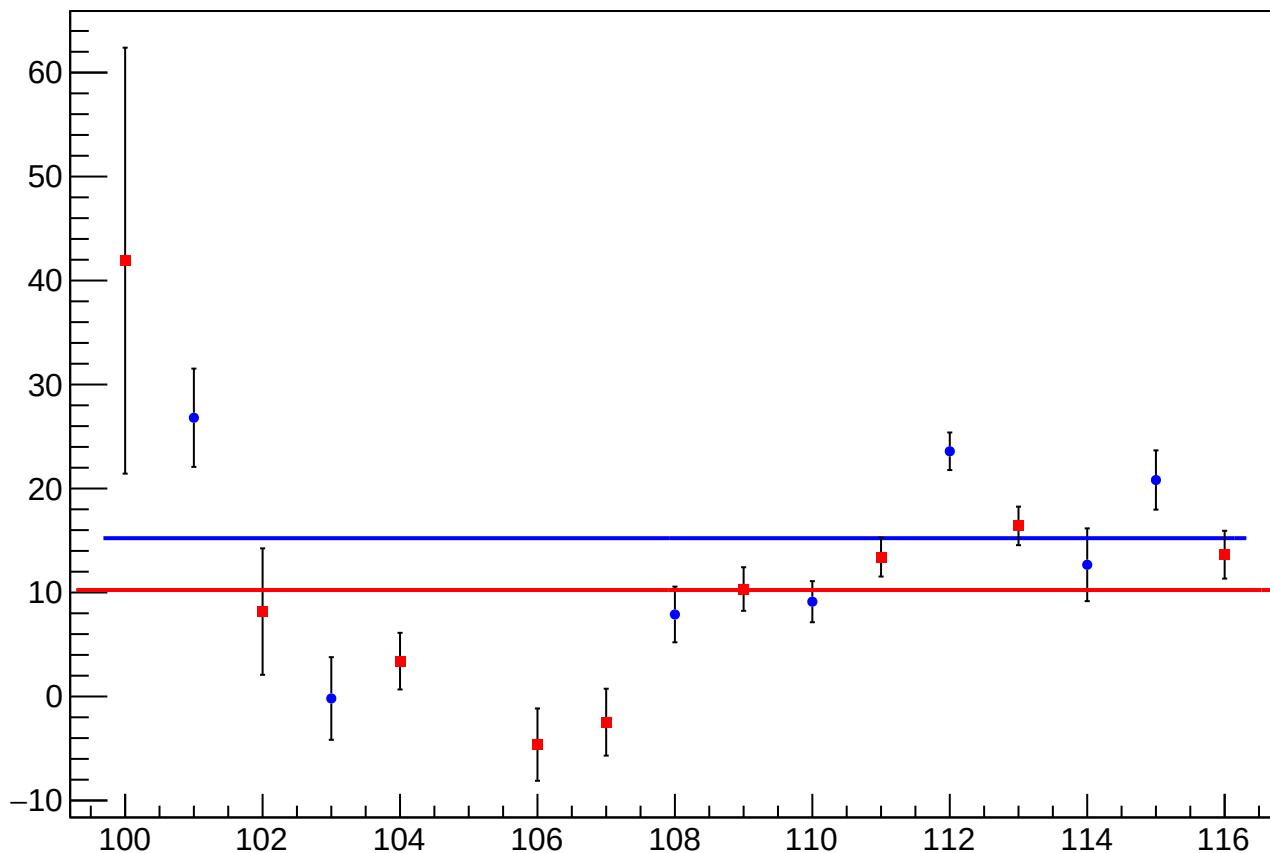
Right: -17.454 $\pm$ 0.537 χ^2 /NDF: 2137.1/15

In: -12.724 $\pm$ 0.817 χ^2 /NDF:927.8/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.454 $\pm$ 0.537 χ^2 /NDF: 2137.1/15

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.224 $\pm$ 0.992 χ^2 /NDF: 63.9/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.240 $\pm$ 0.865 χ^2 /NDF: 58.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

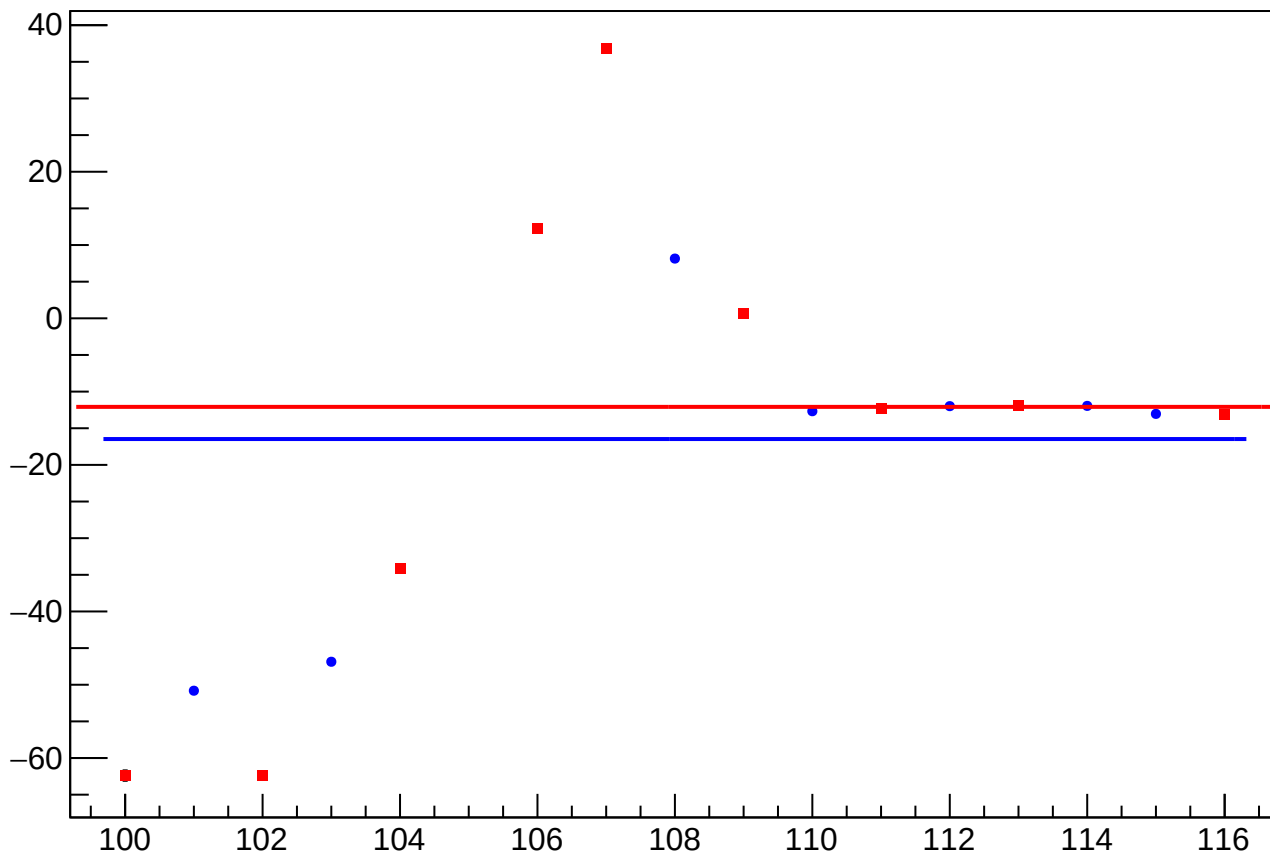
Right: 12.392 $\pm$ 0.652 χ^2 /NDF: 137.1/15

In: 15.224 $\pm$ 0.992 χ^2 /NDF: 63.9/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.392 $\pm$ 0.652 χ^2 /NDF: 137.1/15

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.473+/-0.050 χ^2/NDF : 190093.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.083+/-0.046 χ^2/NDF : 276505.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

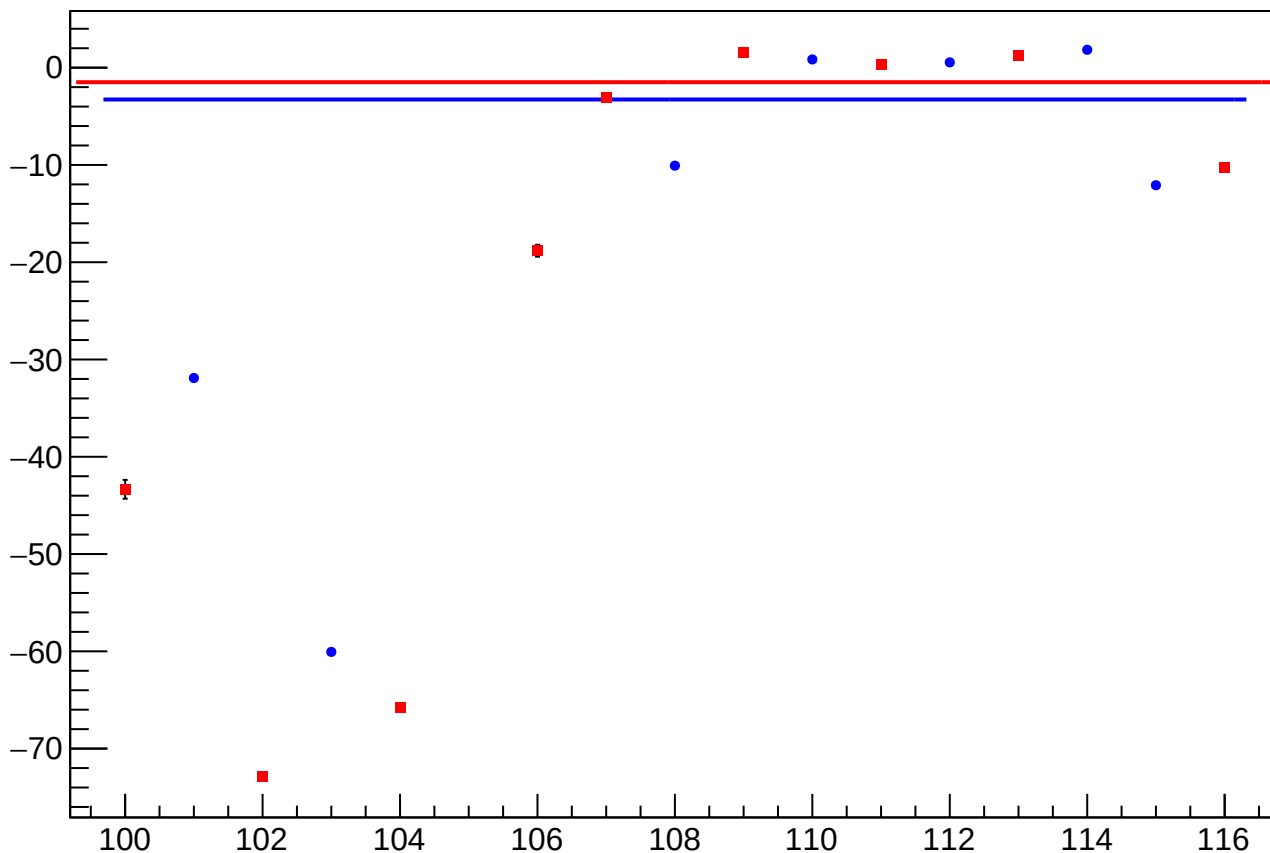
Right: -14.098+/-0.034 χ^2/NDF : 470824.2/15

In: -16.473+/-0.050 χ^2/NDF : 190093.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.098+/-0.034 χ^2/NDF : 470824.2/15

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.270+/-0.071 χ^2/NDF : 30220.2/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.492+/-0.055 χ^2/NDF : 48314.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

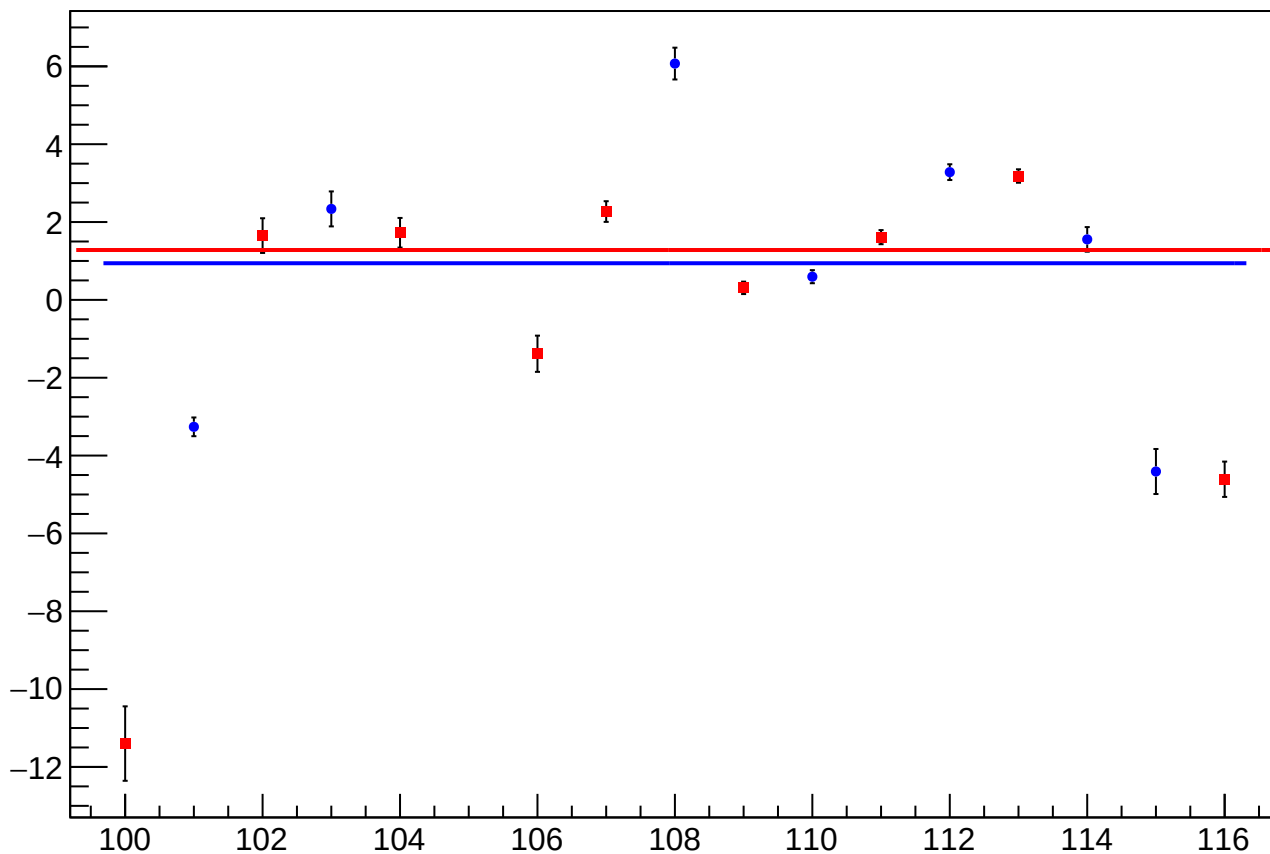
Right: -2.154+/-0.043 χ^2/NDF : 78927.4/15

In: -3.270+/-0.071 χ^2/NDF :30220.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.154+/-0.043 χ^2/NDF : 78927.4/15

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.941+/-0.099 χ^2/NDF : 699.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.281+/-0.085 χ^2/NDF : 554.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

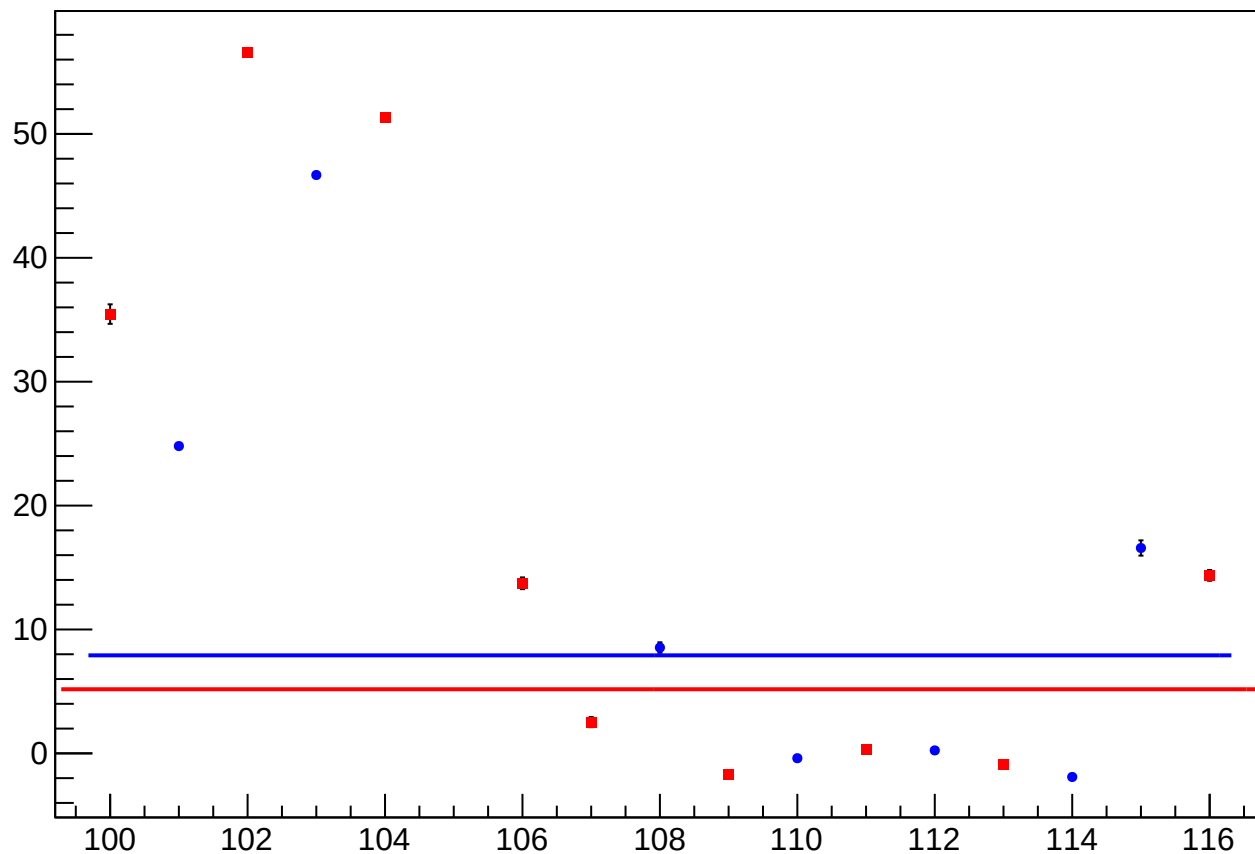
Right: 1.139+/-0.064 χ^2/NDF : 1261.3/15

In: 0.941+/-0.099 χ^2/NDF : 699.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.139+/-0.064 χ^2/NDF : 1261.3/15

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.912+/-0.092 χ^2/NDF : 24281.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.175+/-0.077 χ^2/NDF : 43248.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

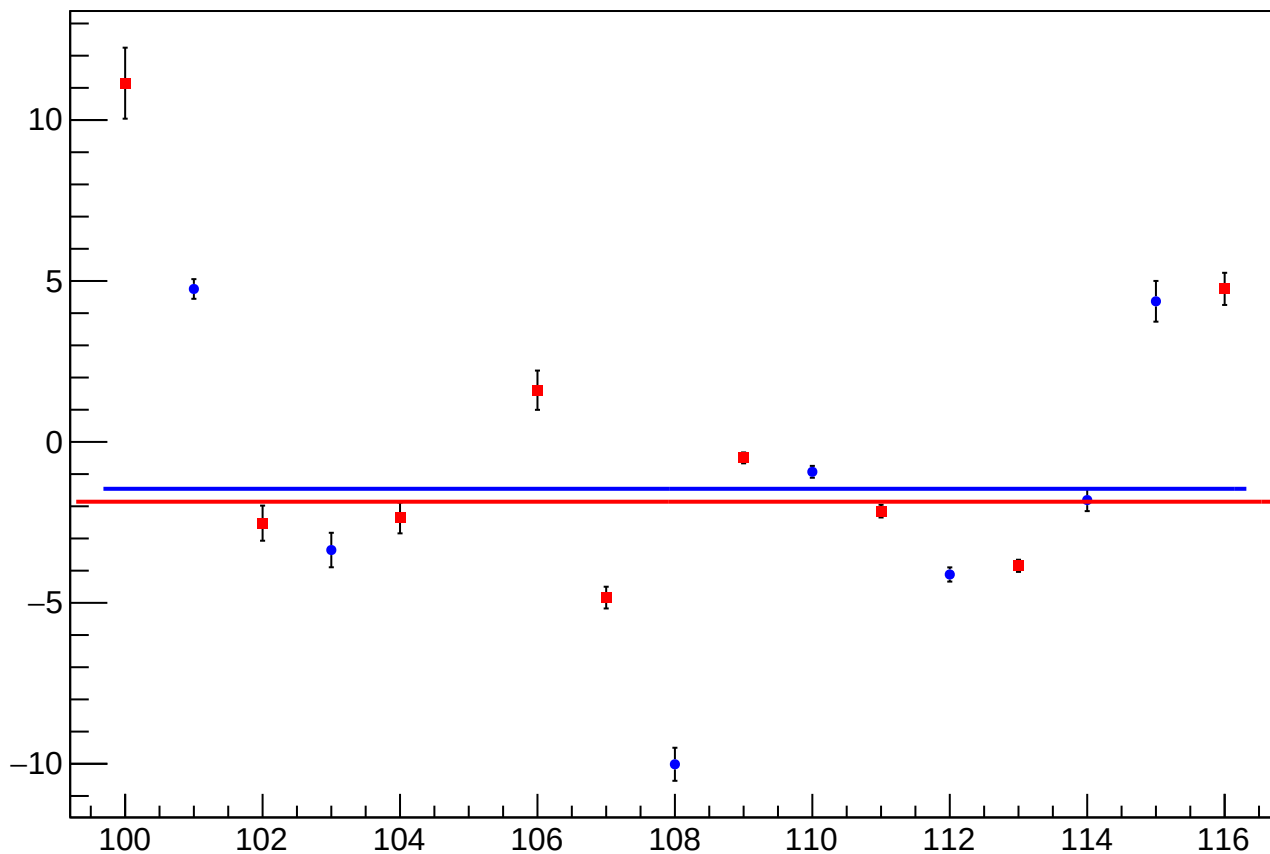
Right: 6.295+/-0.059 χ^2/NDF : 68051.8/15

In: 7.912+/-0.092 χ^2/NDF : 24281.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.295+/-0.059 χ^2/NDF : 68051.8/15

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.457+/-0.113 χ^2/NDF : 942.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.858+/-0.094 χ^2/NDF : 605.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

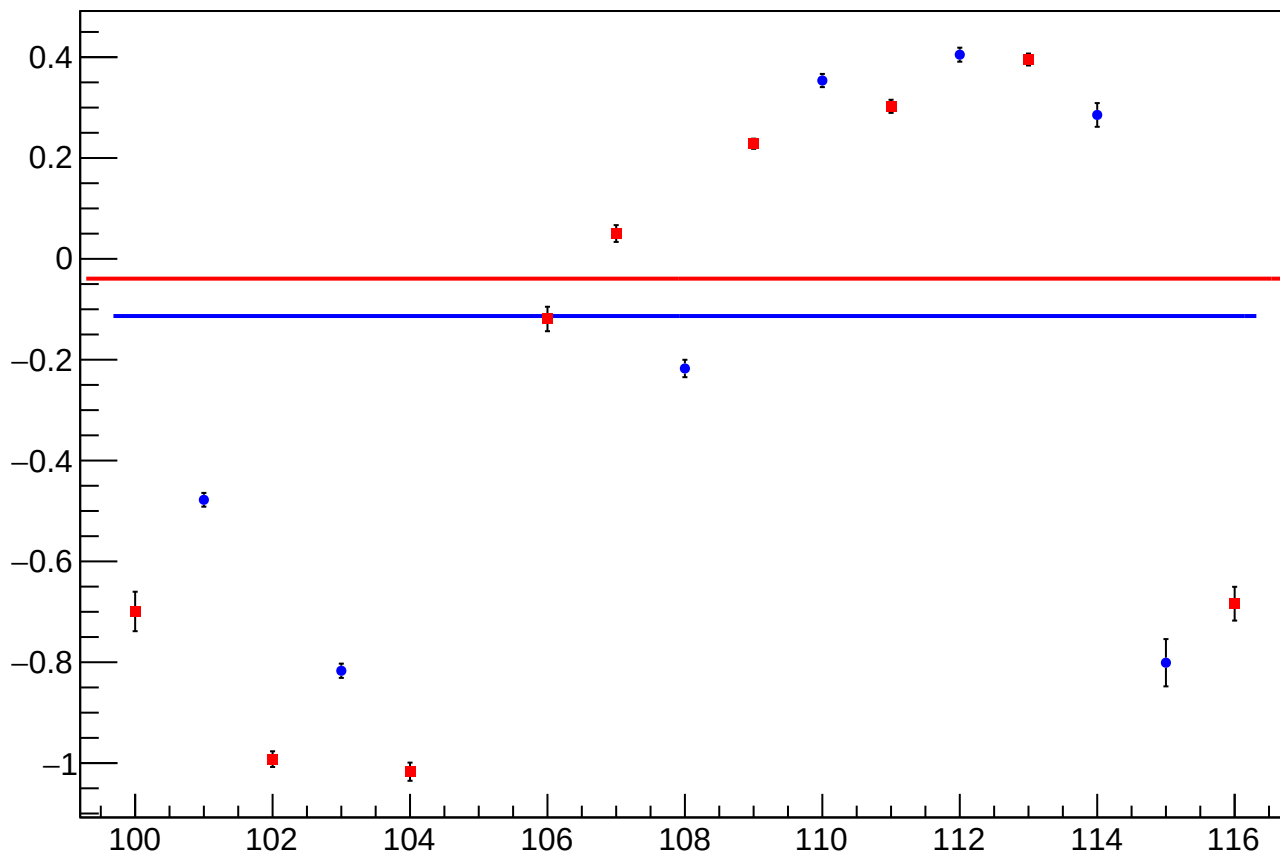
Right: -1.692+/-0.072 χ^2/NDF : 1554.8/15

In: -1.457+/-0.113 χ^2/NDF : 942.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.692+/-0.072 χ^2/NDF : 1554.8/15

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.113+/-0.006 χ^2/NDF : 6386.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.005 χ^2/NDF : 10143.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

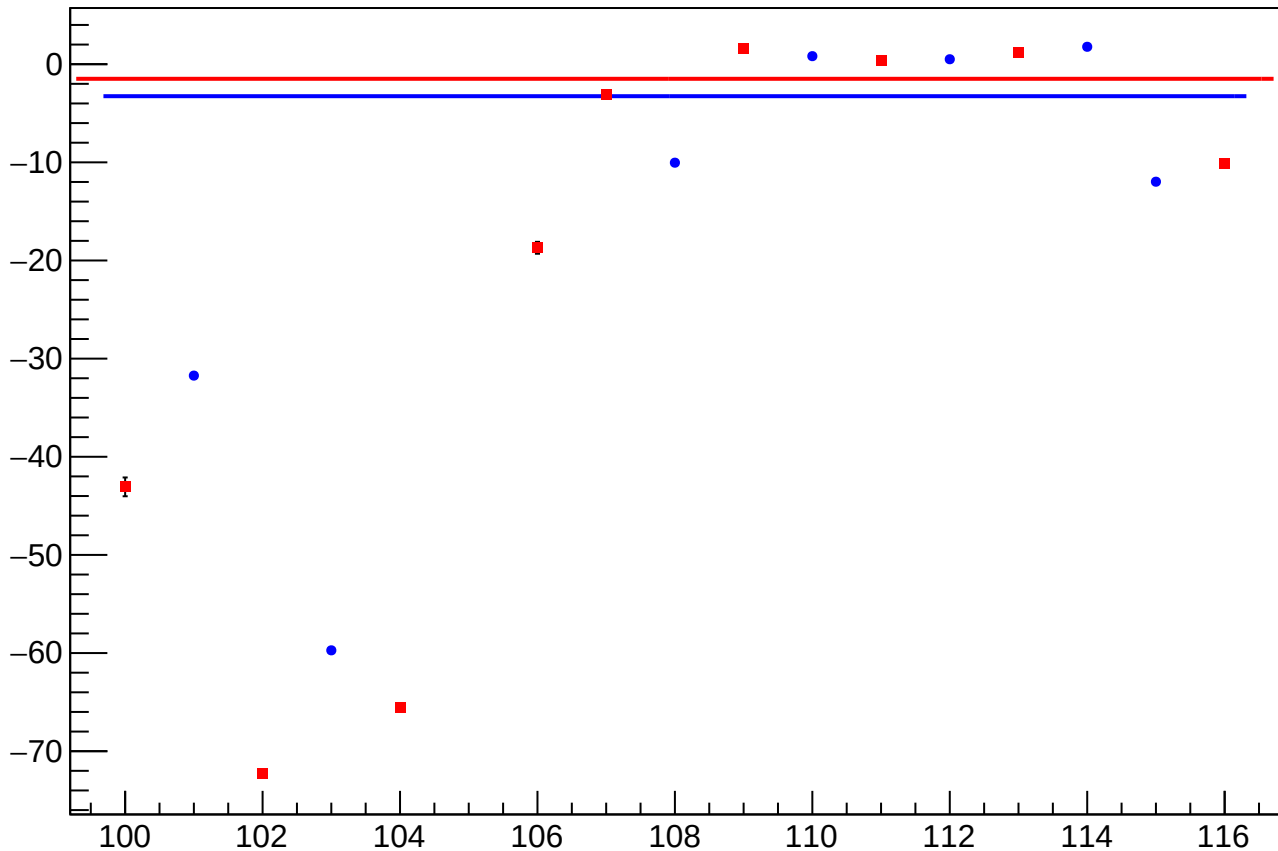
Right: -0.071+/-0.004 χ^2/NDF : 16615.3/15

In: -0.113+/-0.006 χ^2/NDF : 6386.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.071+/-0.004 χ^2/NDF : 16615.3/15

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.260+/-0.071 χ^2/NDF : 30170.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.488+/-0.054 χ^2/NDF : 48277.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

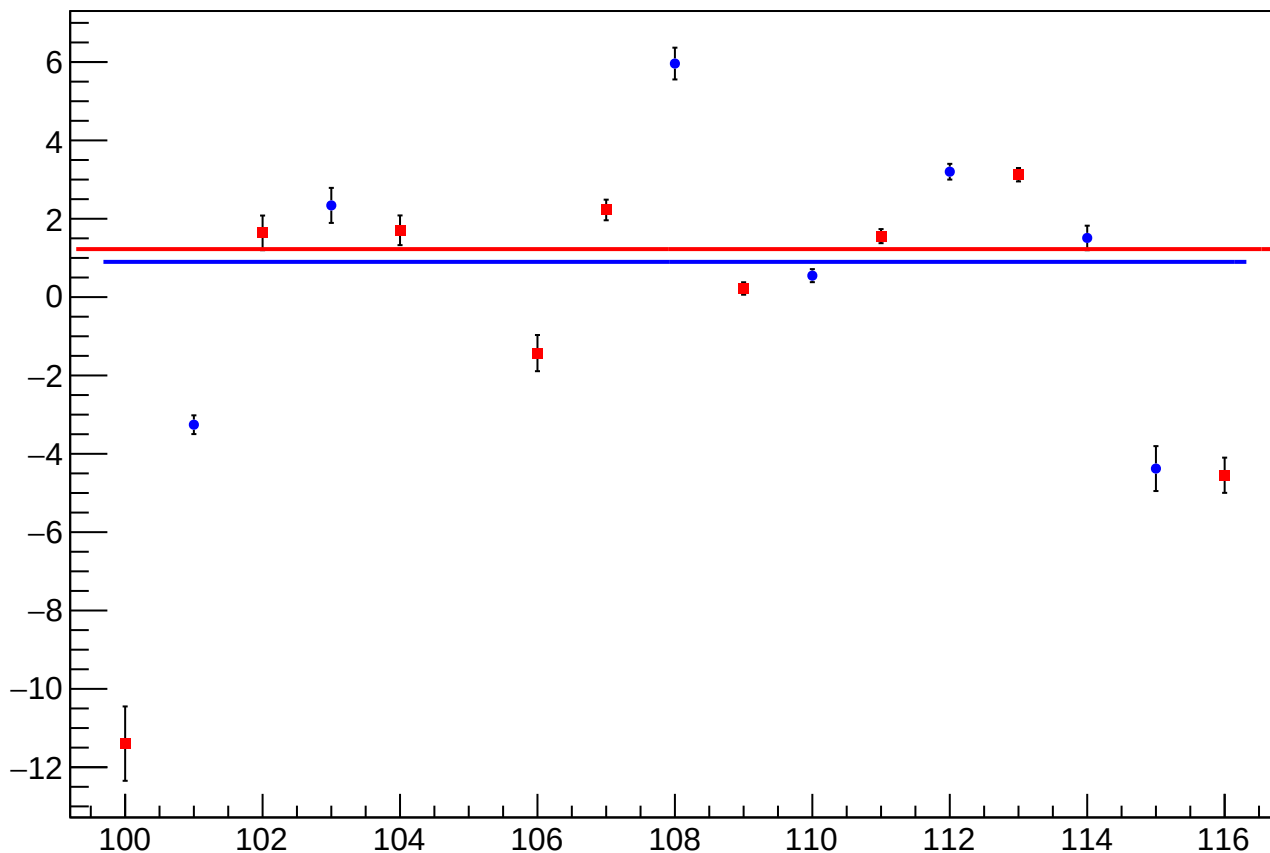
Right: -2.147+/-0.043 χ^2/NDF : 78843.3/15

In: -3.260+/-0.071 χ^2/NDF : 30170.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.147+/-0.043 χ^2/NDF : 78843.3/15

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.899+/-0.099 χ^2/NDF : 692.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.225+/-0.084 χ^2/NDF : 558.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

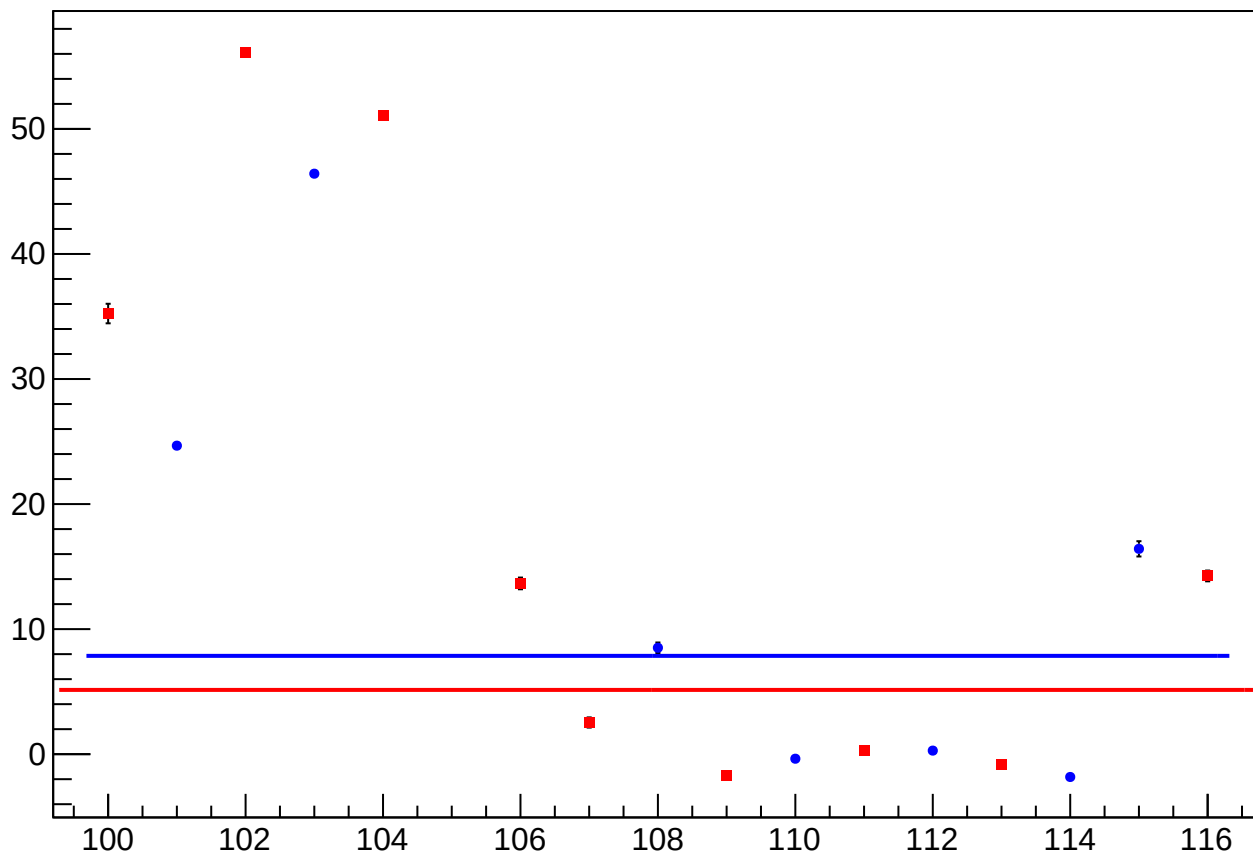
Right: 1.089+/-0.064 χ^2/NDF : 1257.1/15

In: 0.899+/-0.099 χ^2/NDF : 692.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.089+/-0.064 χ^2/NDF : 1257.1/15

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.862+/-0.091 χ^2/NDF : 24238.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.139+/-0.076 χ^2/NDF : 43216.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

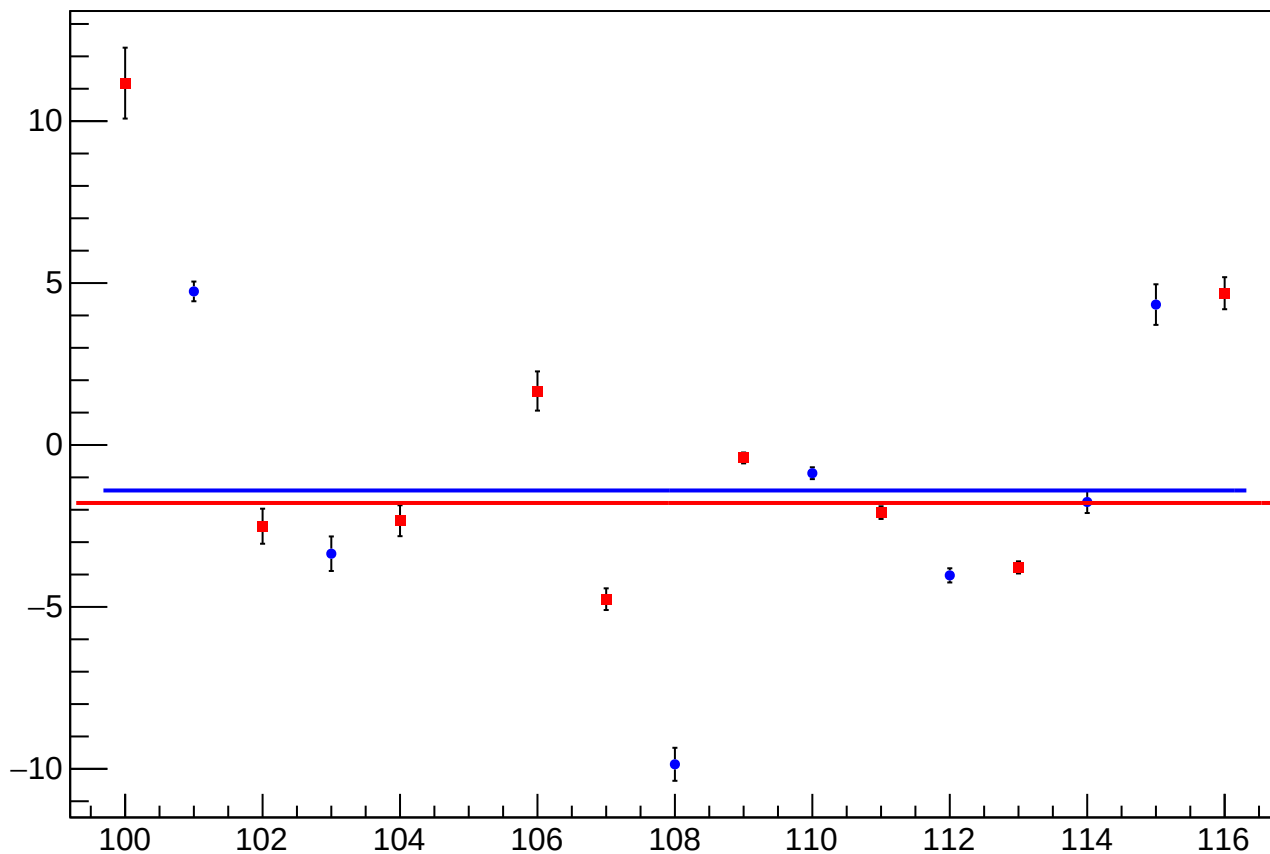
Right: 6.252+/-0.058 χ^2/NDF : 67980.8/15

In: 7.862+/-0.091 χ^2/NDF : 24238.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.252+/-0.058 χ^2/NDF : 67980.8/15

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.404 $\pm$ 0.112 χ^2 /NDF: 934.0/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.790 $\pm$ 0.094 χ^2 /NDF: 609.8/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

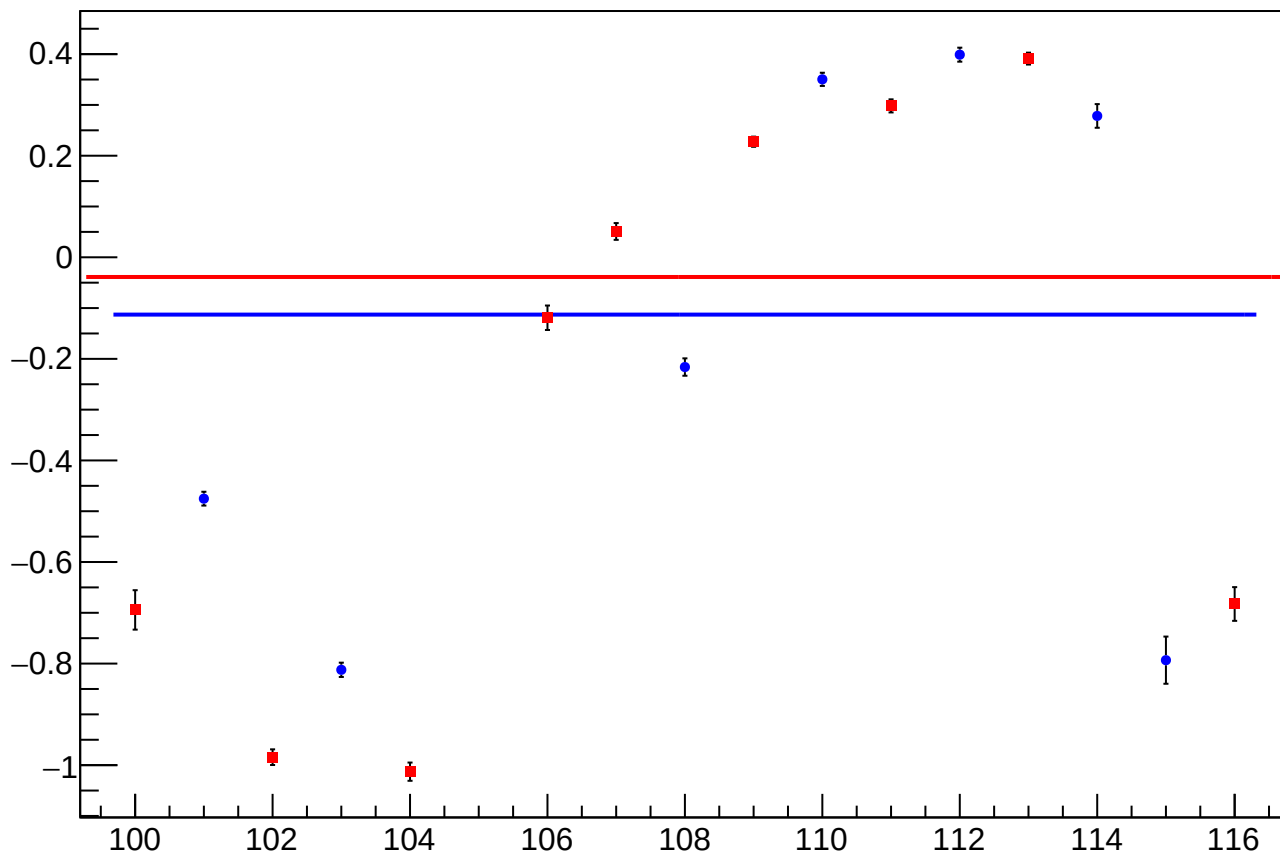
Right: -1.631 $\pm$ 0.072 χ^2 /NDF: 1550.9/15

In: -1.404 $\pm$ 0.112 χ^2 /NDF:934.0/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.631 $\pm$ 0.072 χ^2 /NDF: 1550.9/15

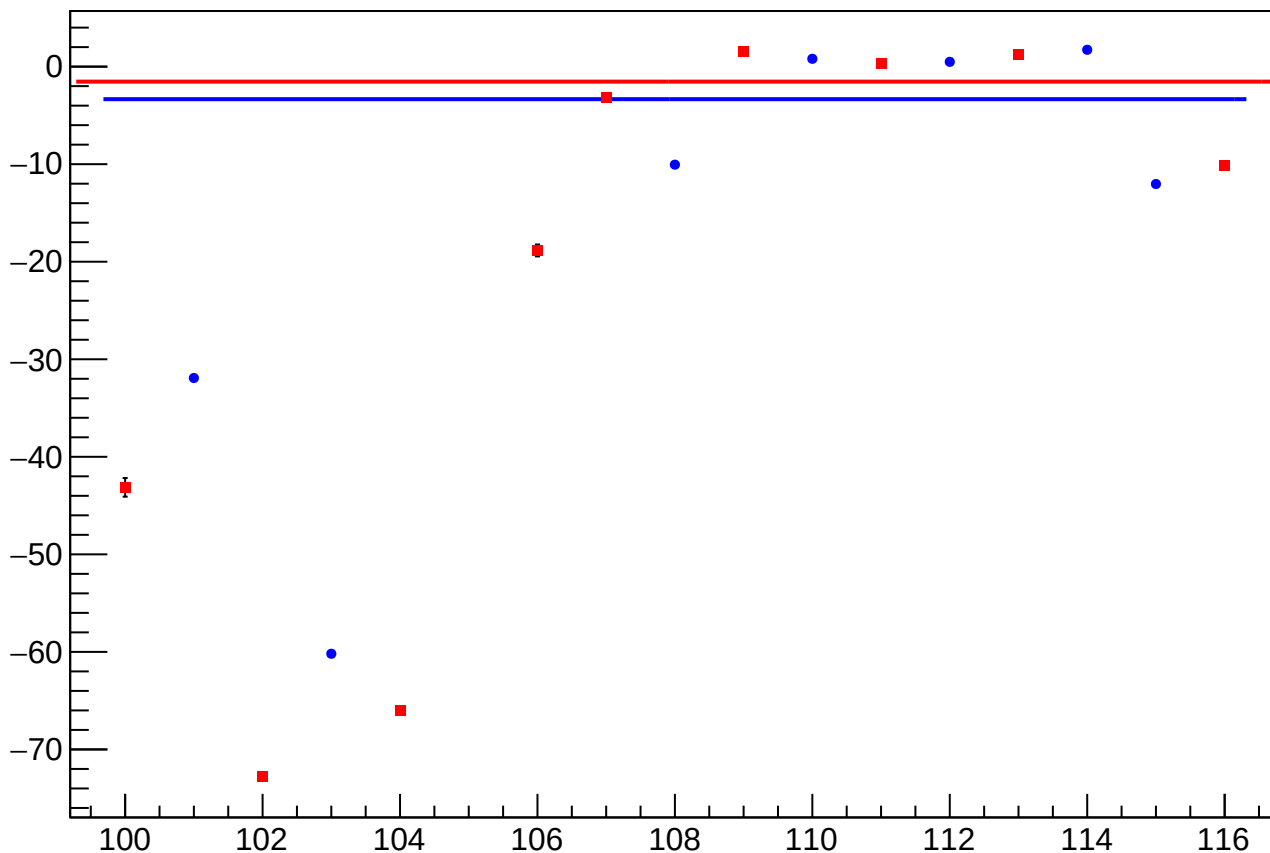
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.113+/-0.006 χ^2/NDF : 6363.3/6
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.039+/-0.005 χ^2/NDF : 10141.6/8
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.070+/-0.004 χ^2/NDF : 16591.8/15
 In: -0.113+/-0.006 χ^2/NDF :6363.3/6
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.070+/-0.004 χ^2/NDF : 16591.8/15

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.337+/-0.071 χ^2/NDF : 30167.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.537+/-0.055 χ^2/NDF : 48251.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

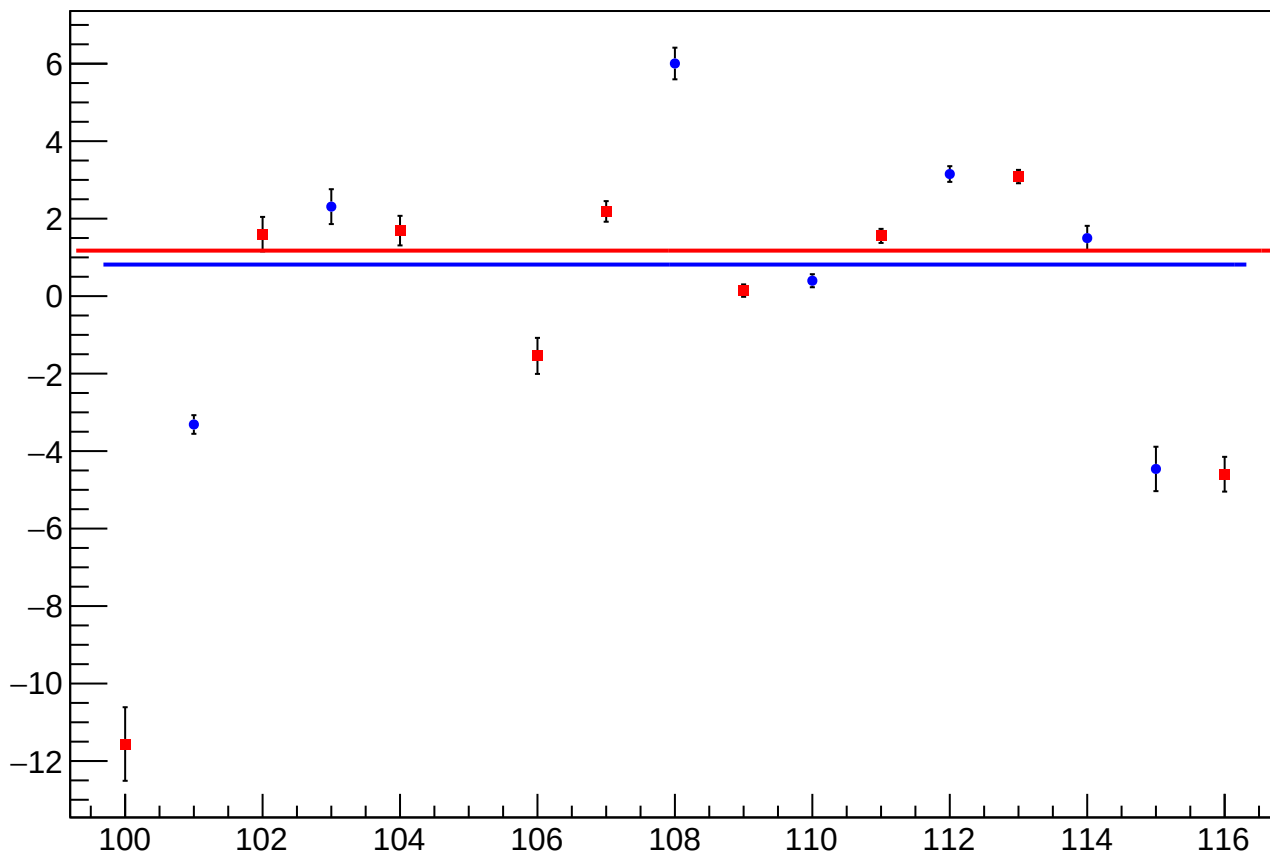
Right: -2.207+/-0.043 χ^2/NDF : 78819.1/15

In: -3.337+/-0.071 χ^2/NDF : 30167.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.207+/-0.043 χ^2/NDF : 78819.1/15

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.815+/-0.100 χ^2/NDF : 695.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.175+/-0.085 χ^2/NDF : 564.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

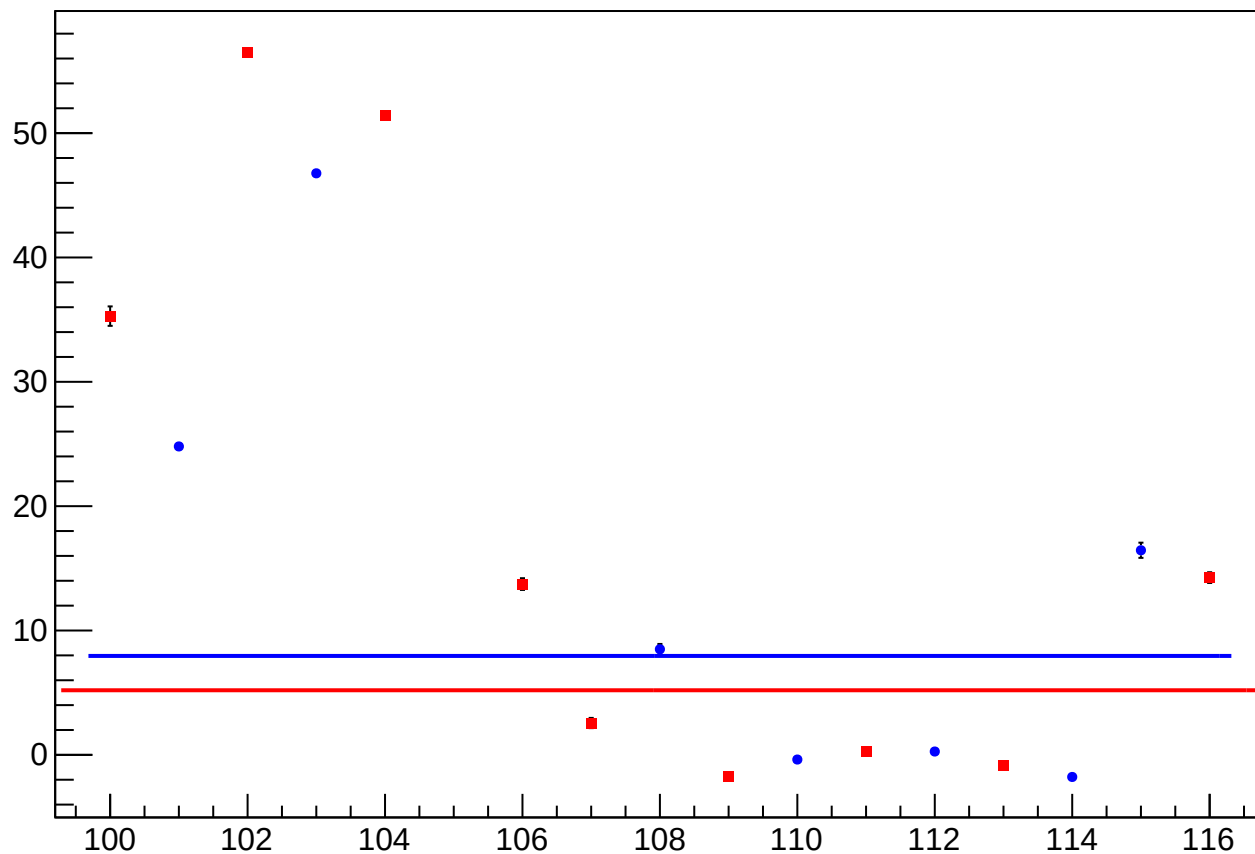
Right: 1.024+/-0.065 χ^2/NDF : 1267.7/15

In: 0.815+/-0.100 χ^2/NDF : 695.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.024+/-0.065 χ^2/NDF : 1267.7/15

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.956+/-0.092 χ^2/NDF : 24221.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.195+/-0.077 χ^2/NDF : 43192.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

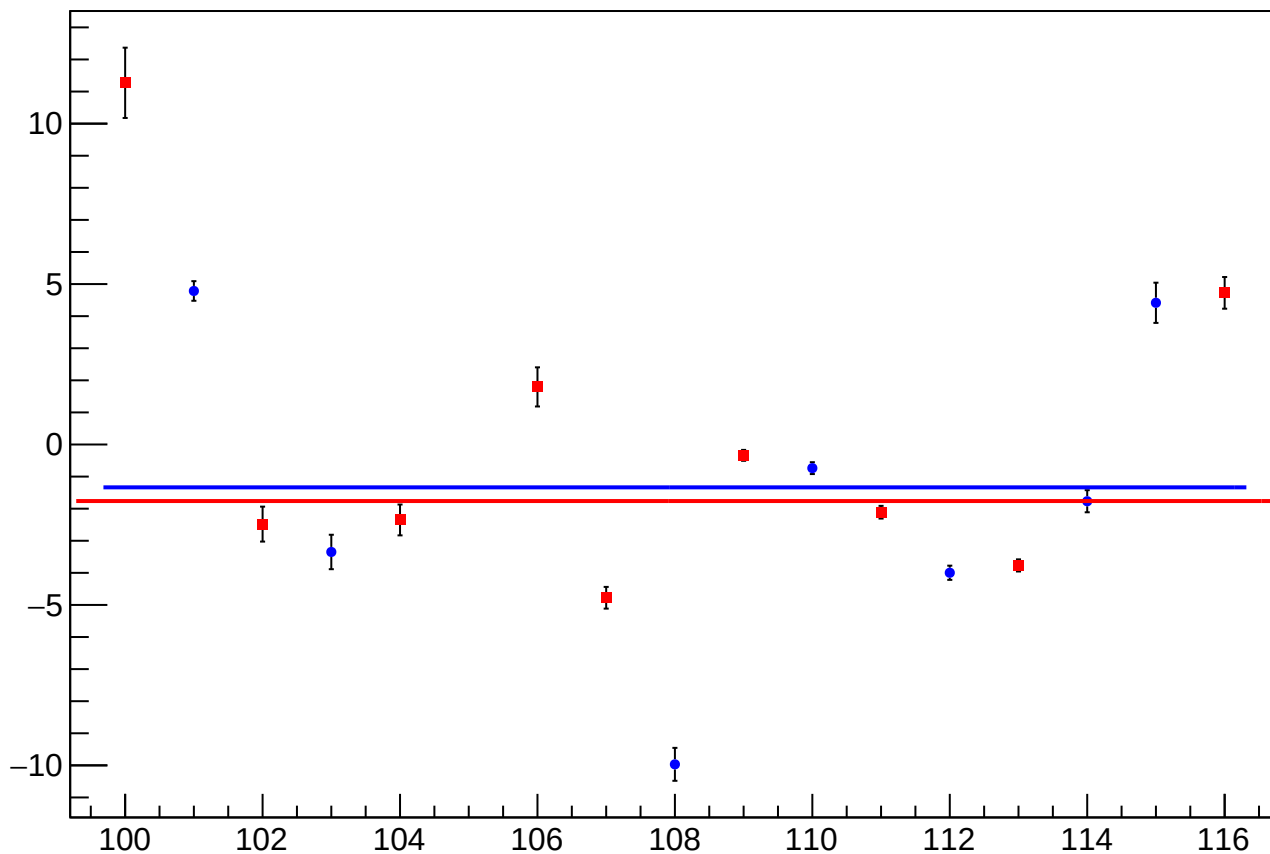
Right: 6.325+/-0.059 χ^2/NDF : 67944.6/15

In: 7.956+/-0.092 χ^2/NDF : 24221.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.325+/-0.059 χ^2/NDF : 67944.6/15

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.335+/-0.113 χ^2/NDF : 938.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.762+/-0.094 χ^2/NDF : 616.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

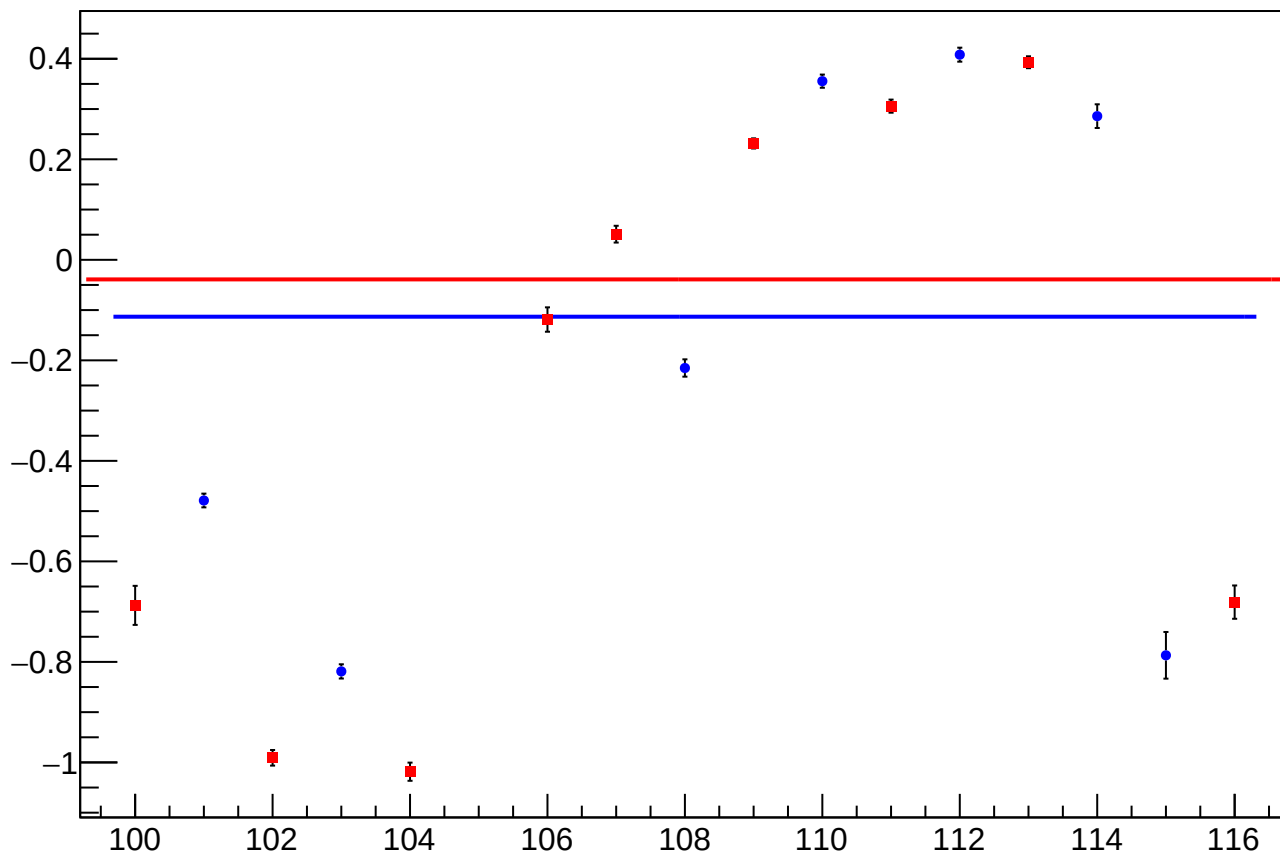
Right: -1.586+/-0.072 χ^2/NDF : 1564.2/15

In: -1.335+/-0.113 χ^2/NDF : 938.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.586+/-0.072 χ^2/NDF : 1564.2/15

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.113+/-0.006 χ^2/NDF : 6406.5/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.039+/-0.005 χ^2/NDF : 10139.6/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

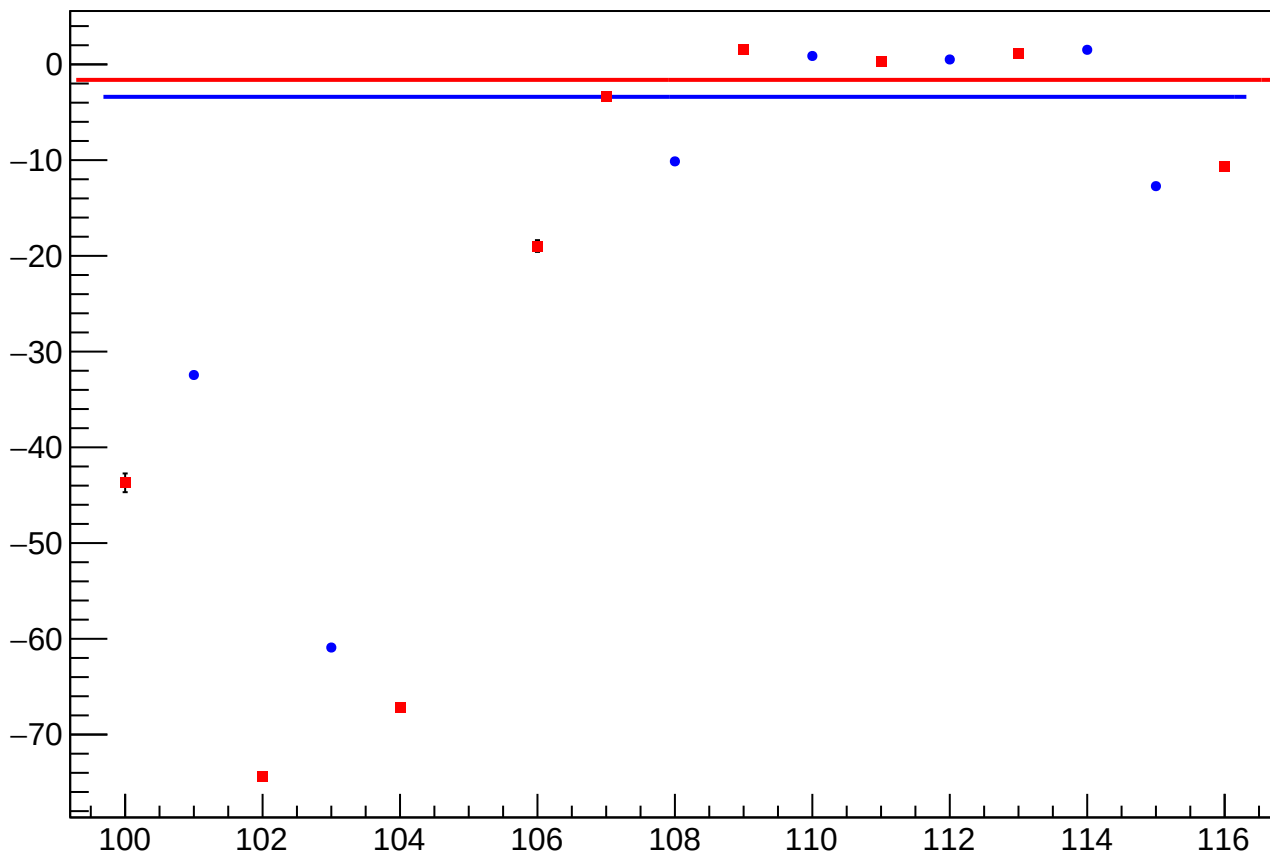
Right: -0.070+/-0.004 χ^2/NDF : 16631.9/15

In: -0.113+/-0.006 χ^2/NDF :6406.5/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.070+/-0.004 χ^2/NDF : 16631.9/15

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.389+/-0.073 χ^2/NDF : 29759.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.617+/-0.056 χ^2/NDF : 47930.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

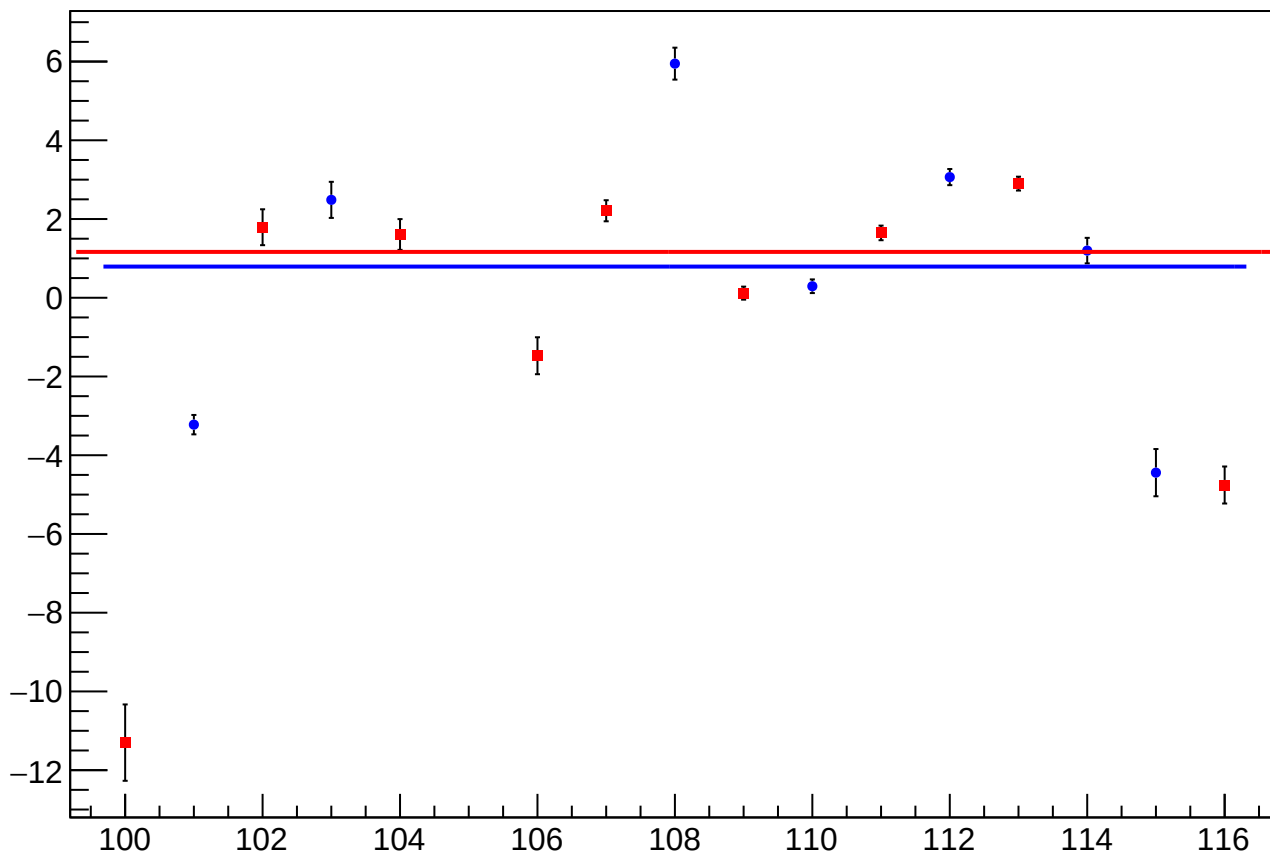
Right: -2.279+/-0.045 χ^2/NDF : 78060.1/15

In: -3.389+/-0.073 χ^2/NDF : 29759.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.279+/-0.045 χ^2/NDF : 78060.1/15

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.792 $\pm$ 0.102 χ^2 /NDF: 649.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.165 $\pm$ 0.087 χ^2 /NDF: 517.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

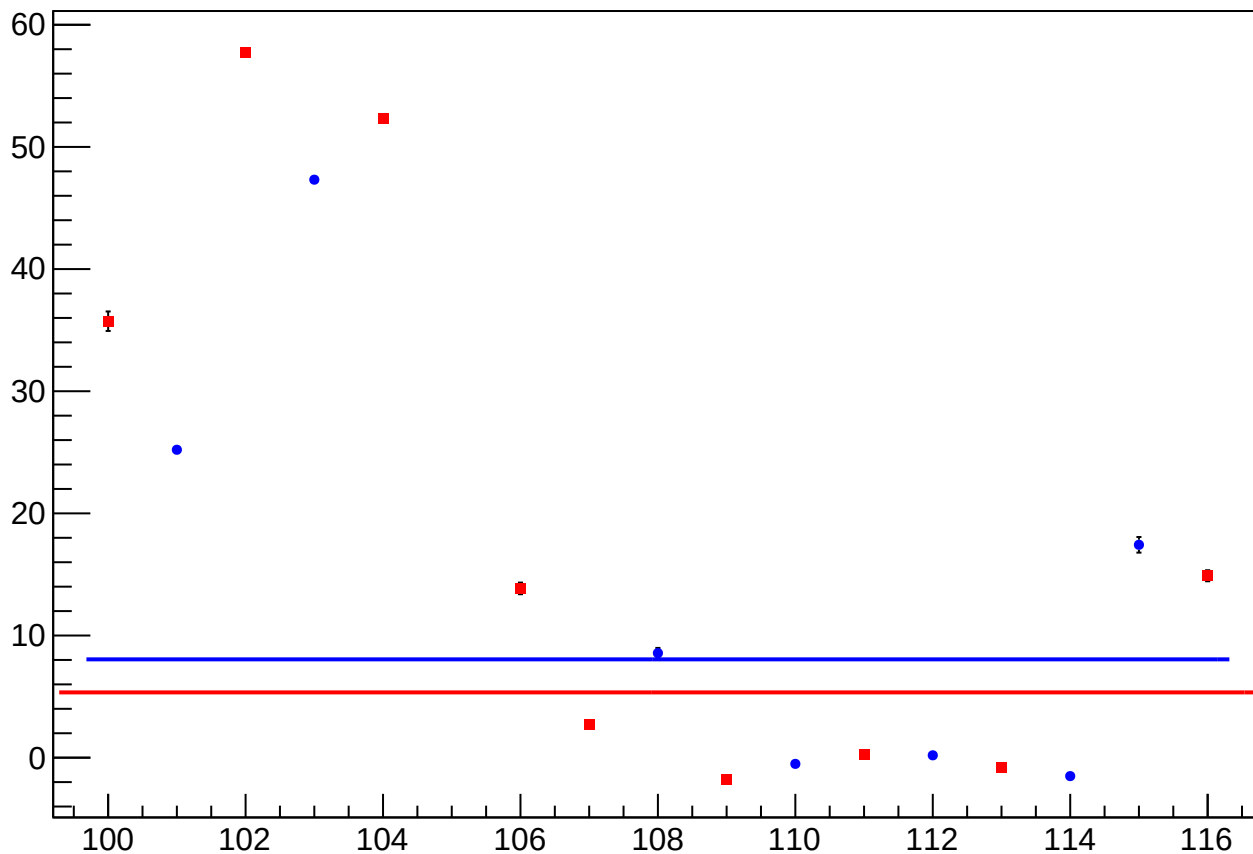
Right: 1.008 $\pm$ 0.066 χ^2 /NDF: 1175.0/15

In: 0.792 $\pm$ 0.102 χ^2 /NDF:649.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.008 $\pm$ 0.066 χ^2 /NDF: 1175.0/15

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.049+/-0.094 χ^2/NDF : 23933.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.344+/-0.079 χ^2/NDF : 42899.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

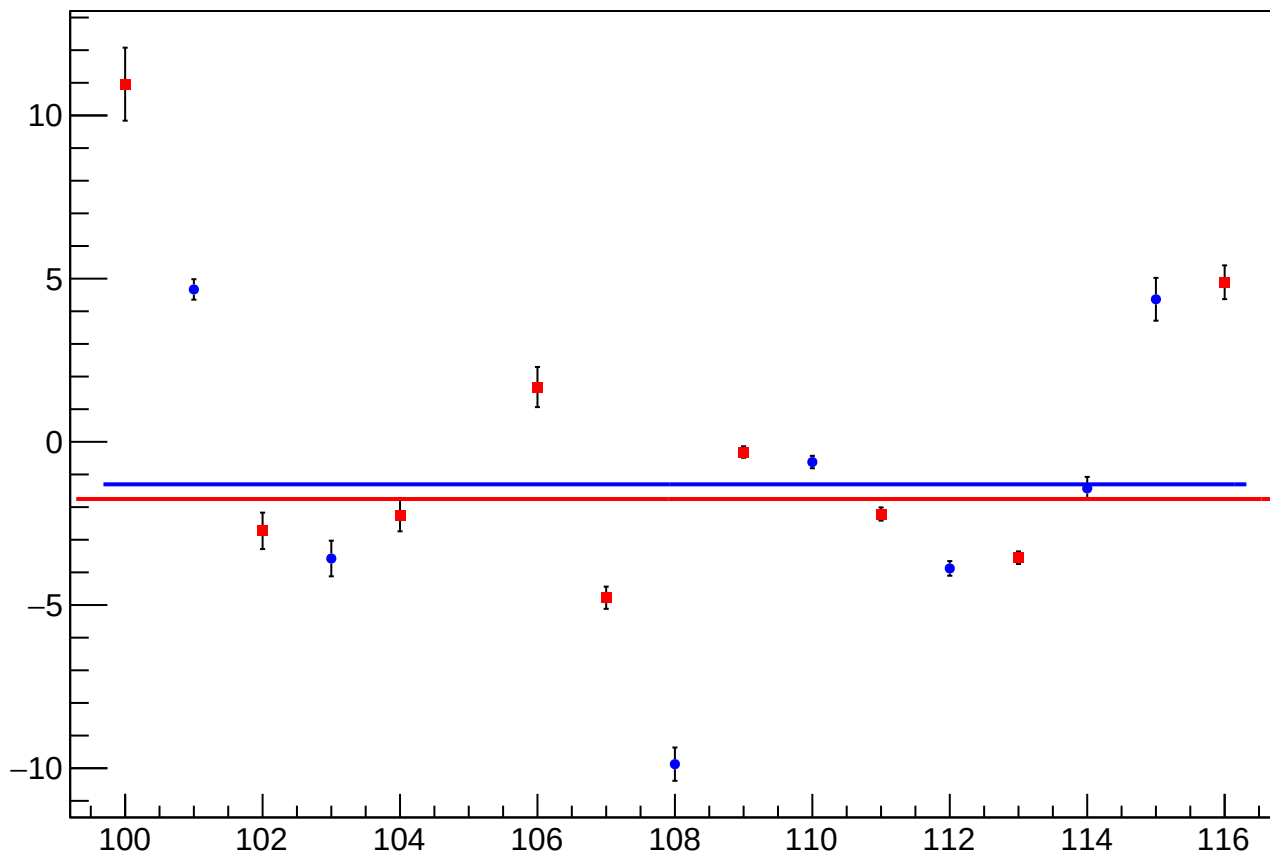
Right: 6.454+/-0.060 χ^2/NDF : 67319.6/15

In: 8.049+/-0.094 χ^2/NDF : 23933.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.454+/-0.060 χ^2/NDF : 67319.6/15

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.302 $\pm$ 0.115 χ^2 /NDF: 883.7/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.752 $\pm$ 0.097 χ^2 /NDF: 567.9/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

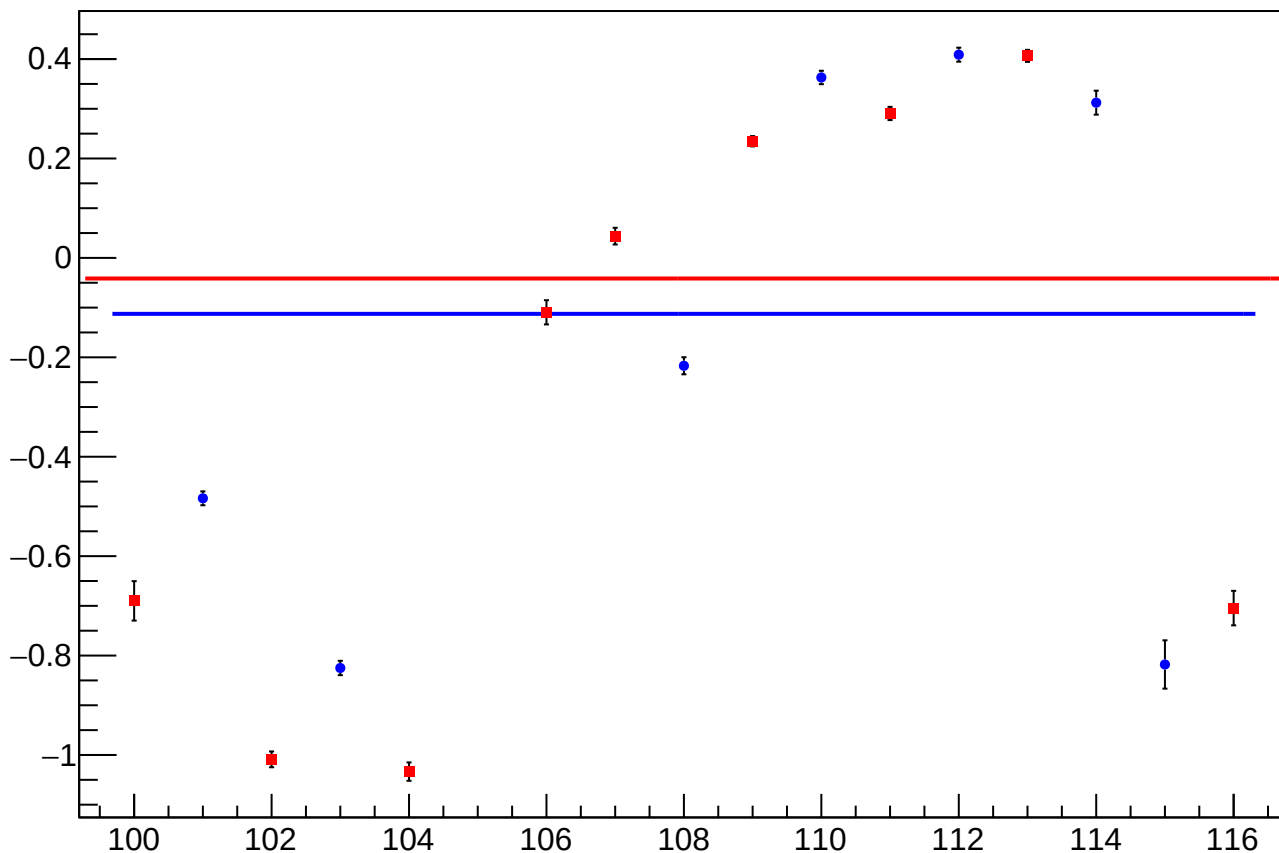
Right: -1.566 $\pm$ 0.074 χ^2 /NDF: 1460.6/15

In: -1.302 $\pm$ 0.115 χ^2 /NDF:883.7/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.566 $\pm$ 0.074 χ^2 /NDF: 1460.6/15

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.113 ± 0.006 χ^2/NDF : 6298.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.041 ± 0.005 χ^2/NDF : 9960.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

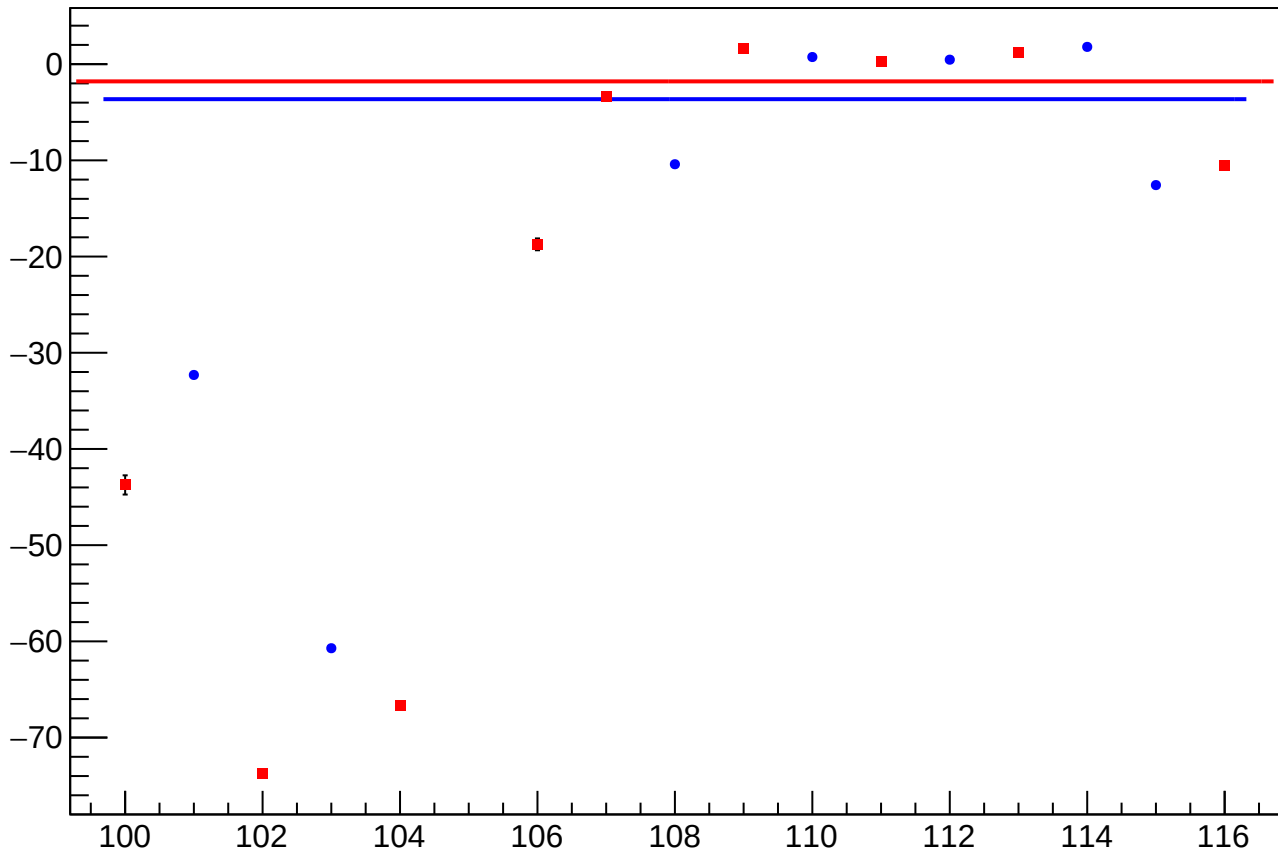
Right: -0.072 ± 0.004 χ^2/NDF : 16335.2/15

In: -0.113 ± 0.006 χ^2/NDF : 6298.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.072 ± 0.004 χ^2/NDF : 16335.2/15

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.641 ± 0.075 $\chi^2/\text{NDF}: 29100.0/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.791 ± 0.058 $\chi^2/\text{NDF}: 46991.9/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

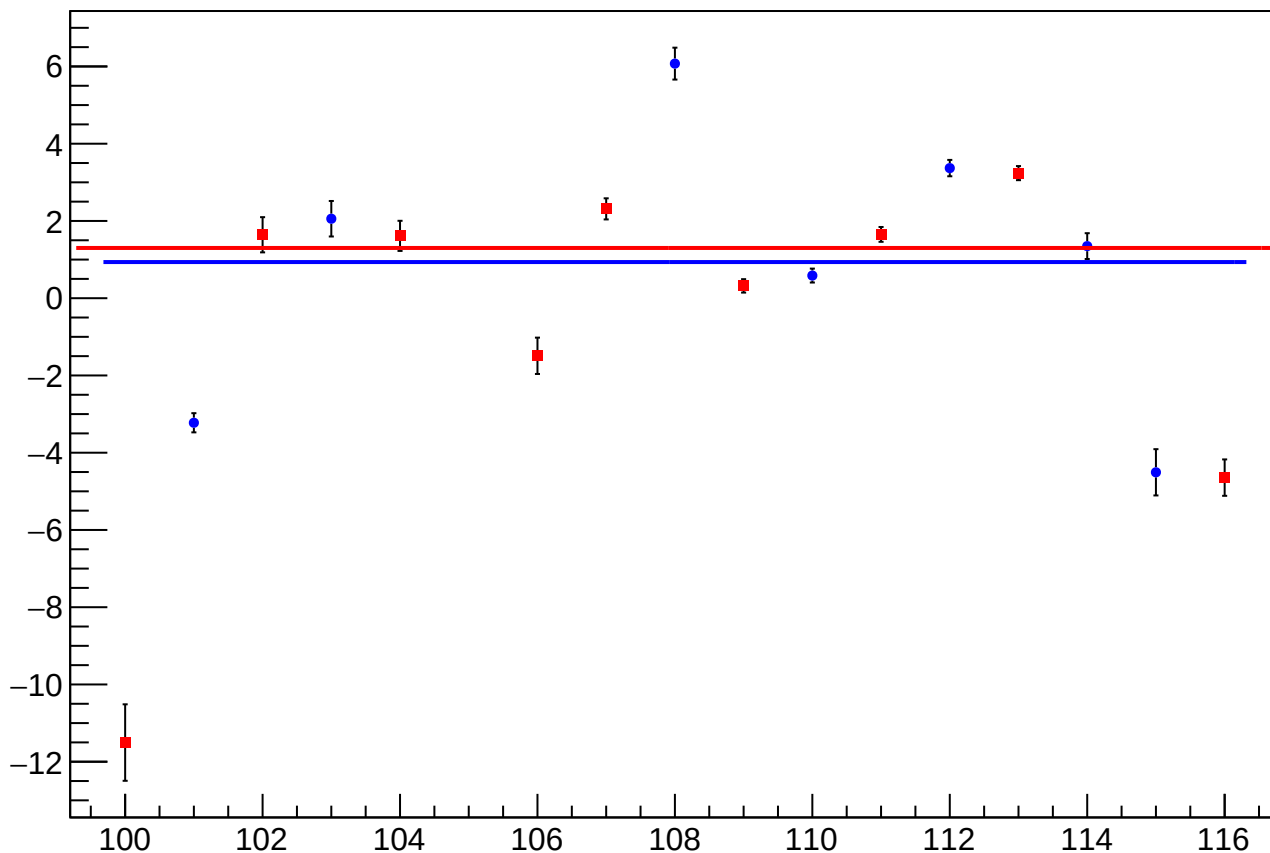
Right: -2.489 ± 0.046 $\chi^2/\text{NDF}: 76470.0/15$

In: -3.641 ± 0.075 $\chi^2/\text{NDF}: 29100.0/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.489 ± 0.046 $\chi^2/\text{NDF}: 76470.0/15$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.936+/-0.104 χ^2/NDF : 661.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.301+/-0.089 χ^2/NDF : 524.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

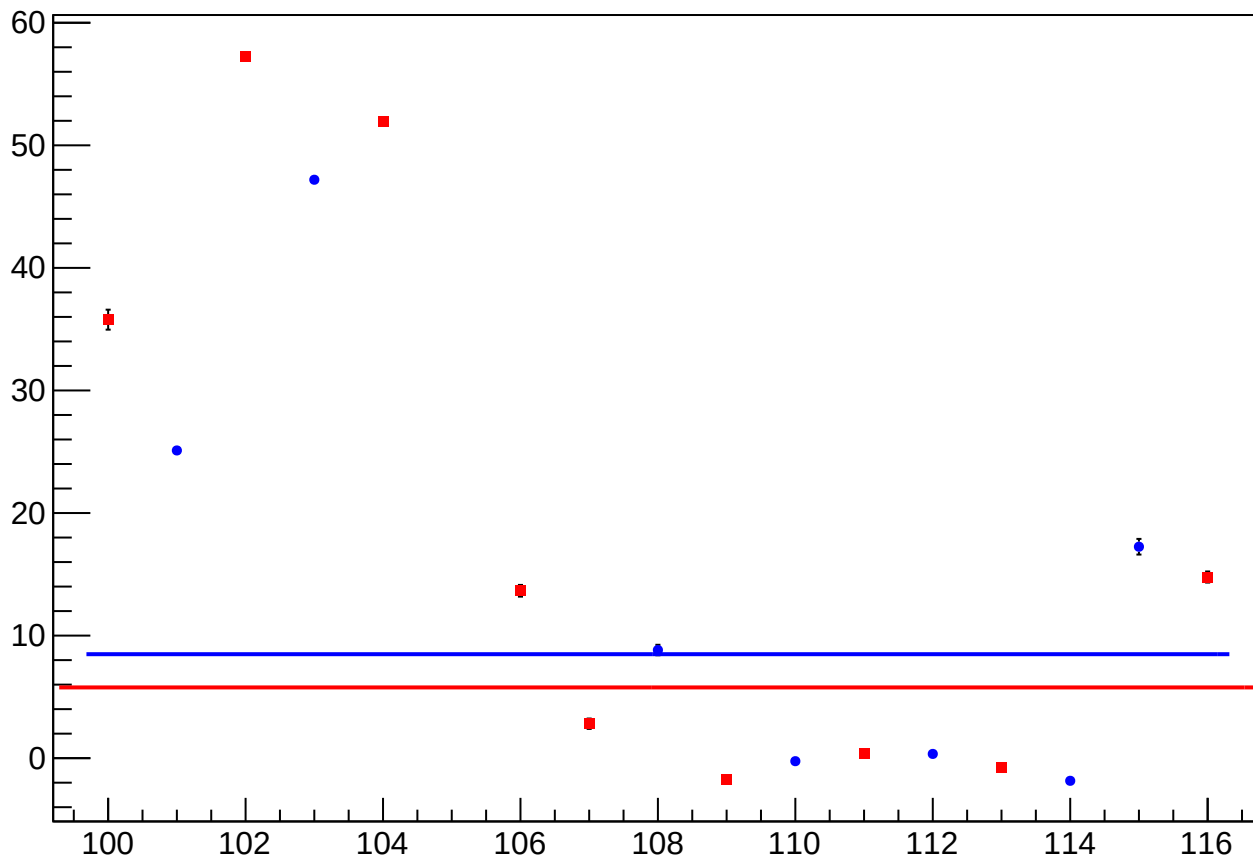
Right: 1.147+/-0.068 χ^2/NDF : 1193.2/15

In: 0.936+/-0.104 χ^2/NDF : 661.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.147+/-0.068 χ^2/NDF : 1193.2/15

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.483+/-0.097 χ^2/NDF : 23108.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.772+/-0.081 χ^2/NDF : 41689.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

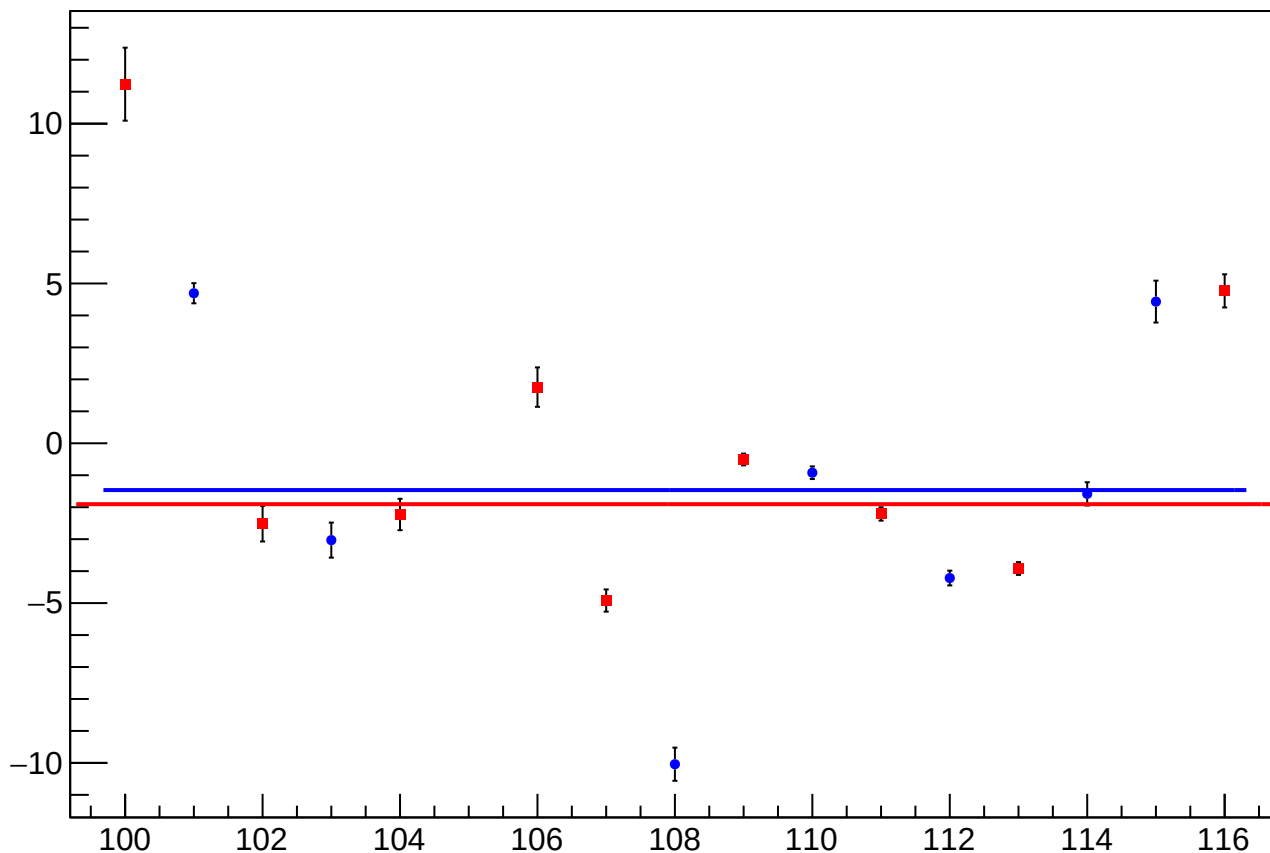
Right: 6.895+/-0.062 χ^2/NDF : 65259.9/15

In: 8.483+/-0.097 χ^2/NDF : 23108.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.895+/-0.062 χ^2/NDF : 65259.9/15

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.464 ± 0.118 χ^2/NDF : 893.1/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.905 ± 0.100 χ^2/NDF : 571.8/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

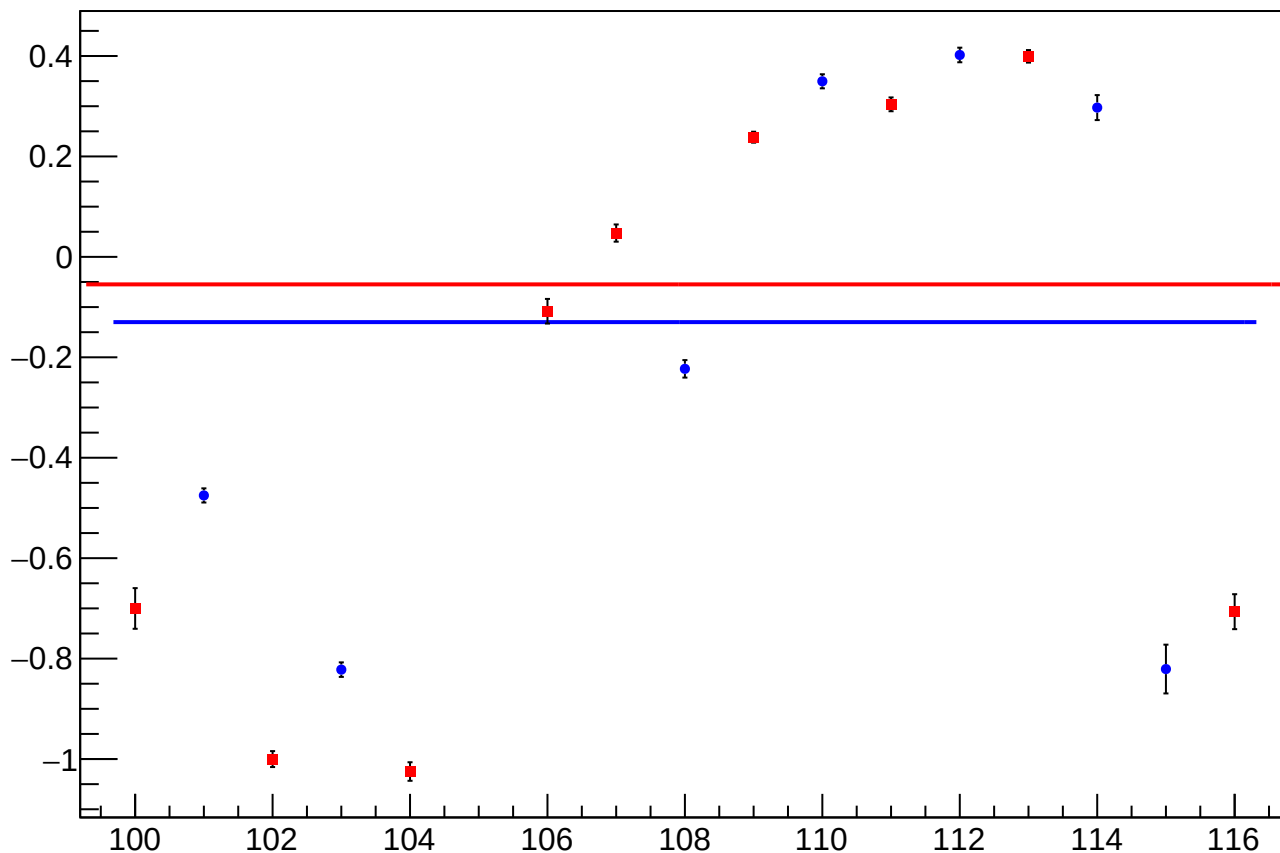
Right: -1.722 ± 0.076 χ^2/NDF : 1473.0/15

In: -1.464 ± 0.118 χ^2/NDF : 893.1/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.722 ± 0.076 χ^2/NDF : 1473.0/15

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.130 ± 0.006 χ^2/NDF : 5920.0/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.055 ± 0.005 χ^2/NDF : 9673.0/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

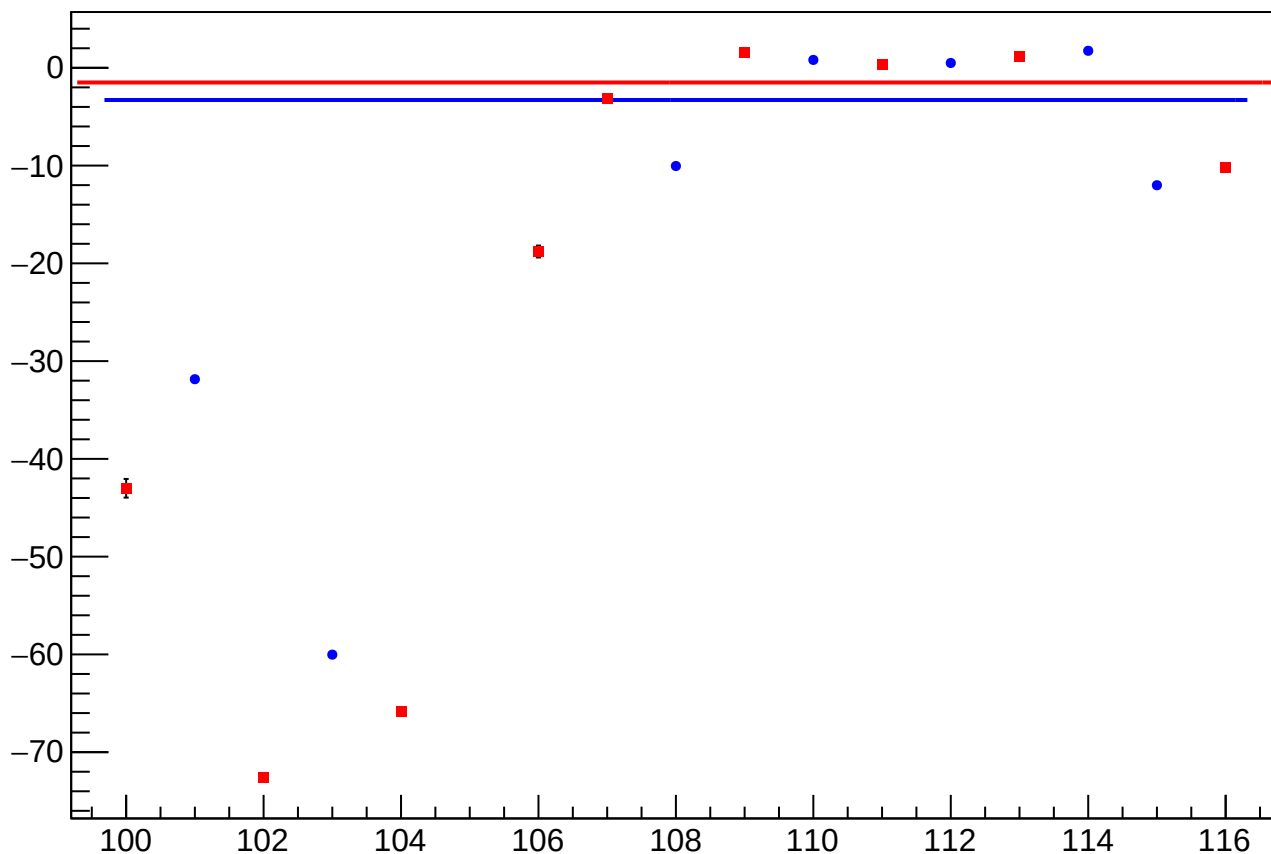
Right: -0.087 ± 0.004 χ^2/NDF : 15673.8/15

In: -0.130 ± 0.006 χ^2/NDF : 5920.0/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.087 ± 0.004 χ^2/NDF : 15673.8/15

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.292+/-0.071 χ^2/NDF : 30224.4/6

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.500+/-0.054 χ^2/NDF : 48327.4/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

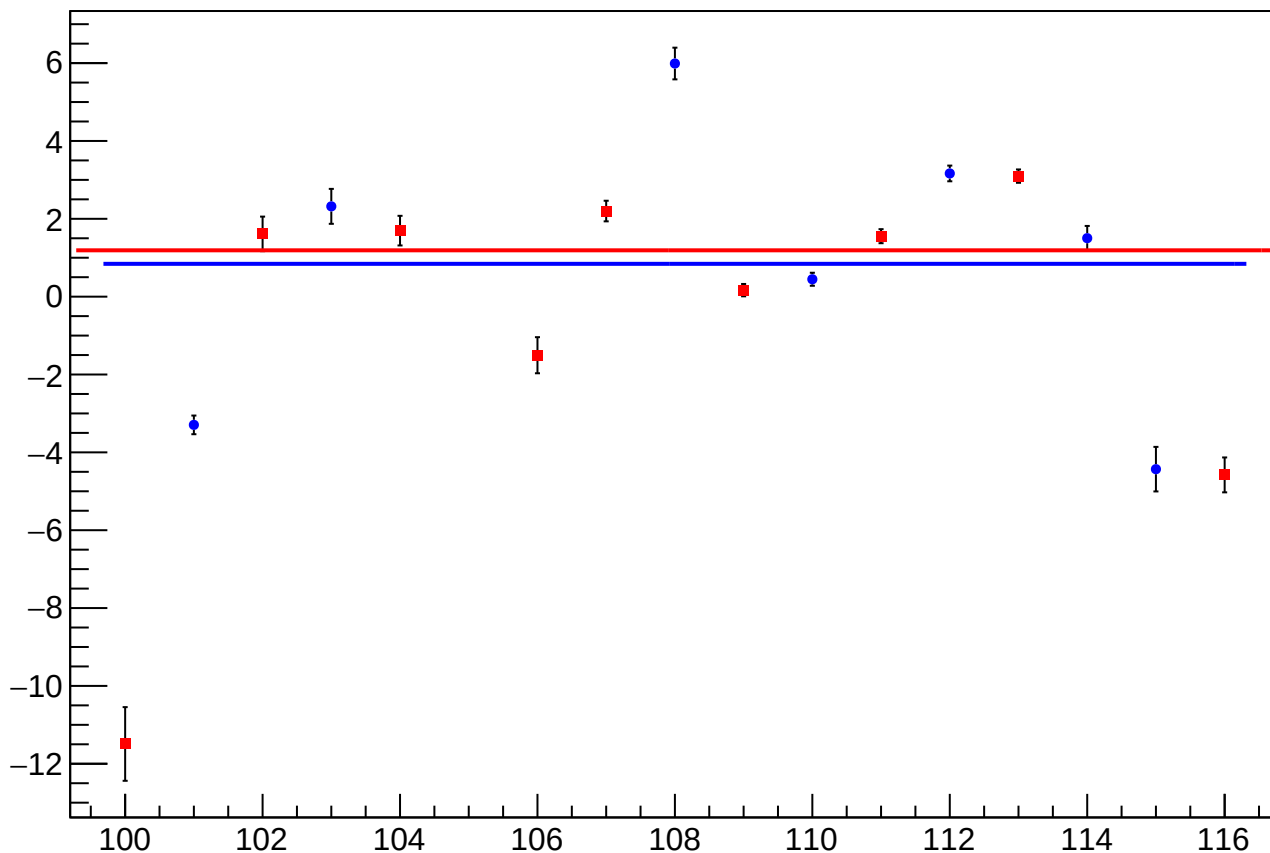
Right: -2.166+/-0.043 χ^2/NDF : 78954.3/15

In: -3.292+/-0.071 χ^2/NDF :30224.4/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.166+/-0.043 χ^2/NDF : 78954.3/15

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.843+/-0.099 χ^2/NDF : 695.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.191+/-0.084 χ^2/NDF : 565.5/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

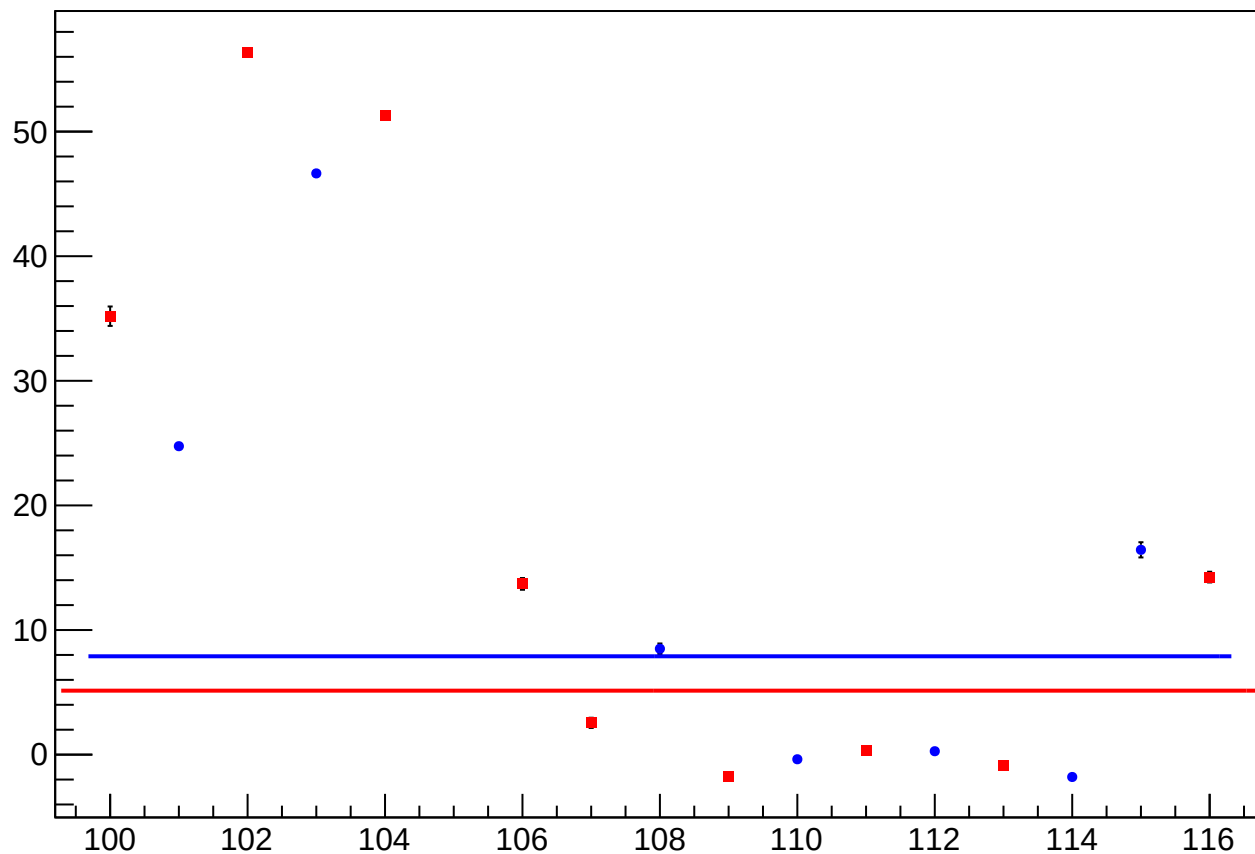
Right: 1.045+/-0.064 χ^2/NDF : 1268.4/15

In: 0.843+/-0.099 χ^2/NDF : 695.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.045+/-0.064 χ^2/NDF : 1268.4/15

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.892+/-0.092 χ^2/NDF : 24289.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.134+/-0.076 χ^2/NDF : 43288.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

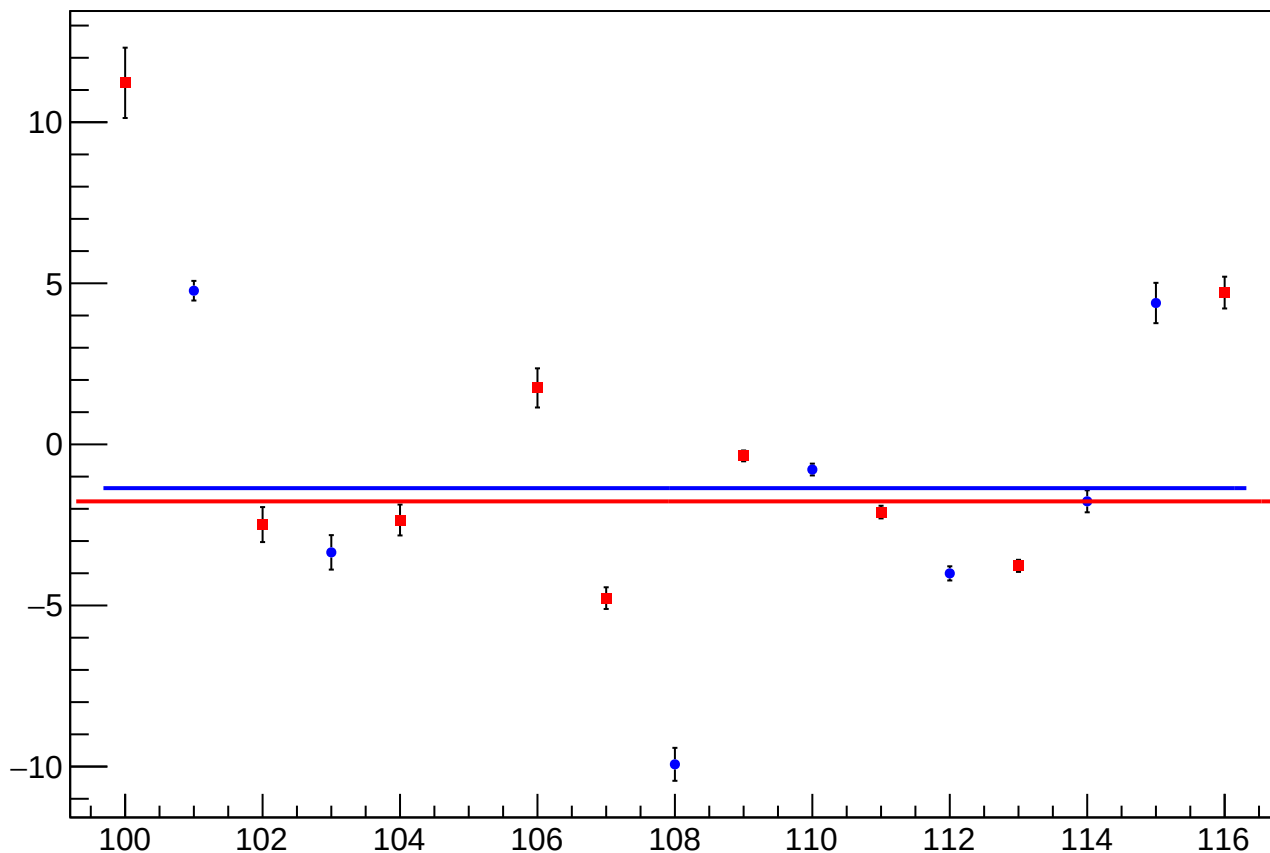
Right: 6.261+/-0.059 χ^2/NDF : 68114.5/15

In: 7.892+/-0.092 χ^2/NDF : 24289.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.261+/-0.059 χ^2/NDF : 68114.5/15

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.358+/-0.112 χ^2/NDF : 939.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.769+/-0.094 χ^2/NDF : 617.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

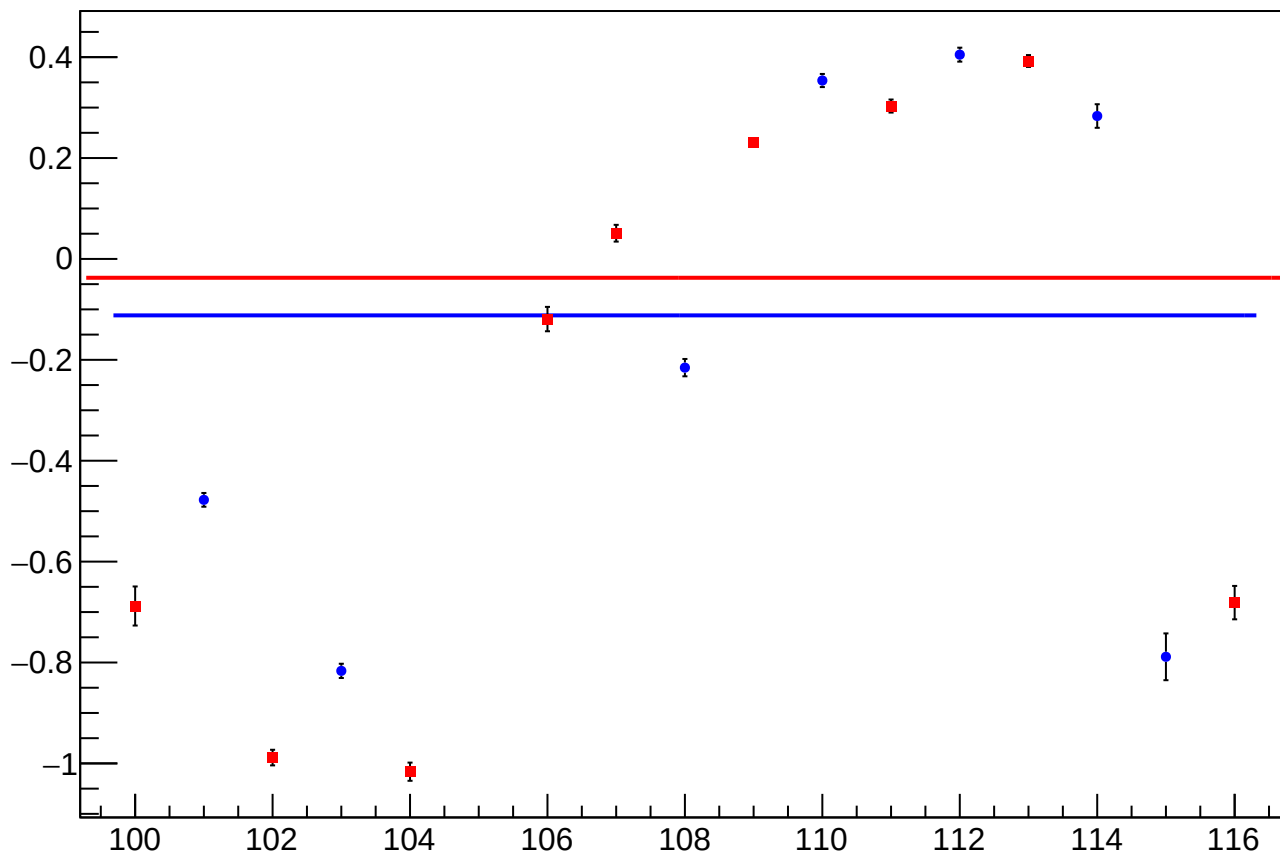
Right: -1.600+/-0.072 χ^2/NDF : 1564.8/15

In: -1.358+/-0.112 χ^2/NDF : 939.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.600+/-0.072 χ^2/NDF : 1564.8/15

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.112 ± 0.006 χ^2/NDF : 6414.9/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.005 χ^2/NDF : 10171.3/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

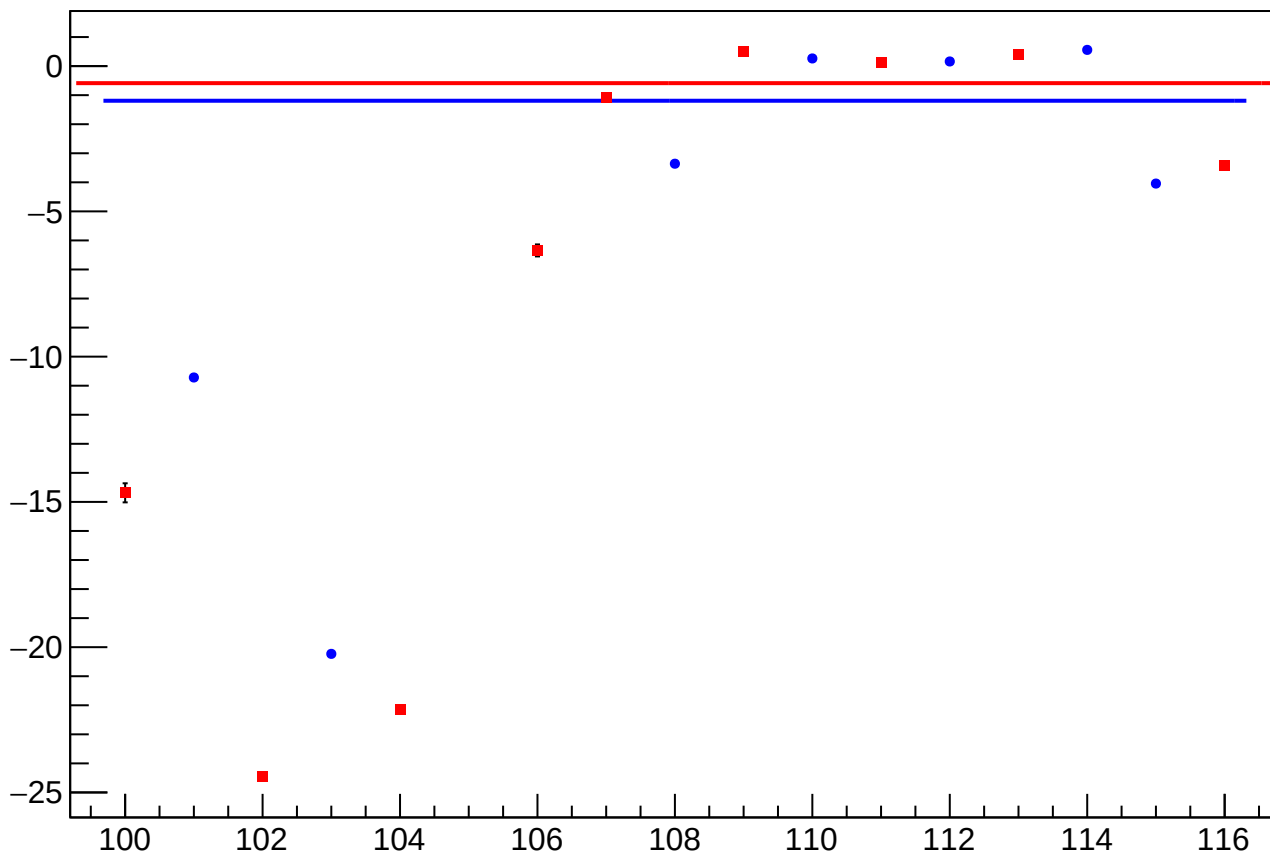
Right: -0.069 ± 0.004 χ^2/NDF : 16673.7/15

In: -0.112 ± 0.006 χ^2/NDF : 6414.9/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.069 ± 0.004 χ^2/NDF : 16673.7/15

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.192 $\pm$ 0.025 χ^2 /NDF: 29681.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.587 $\pm$ 0.019 χ^2 /NDF: 47644.1/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

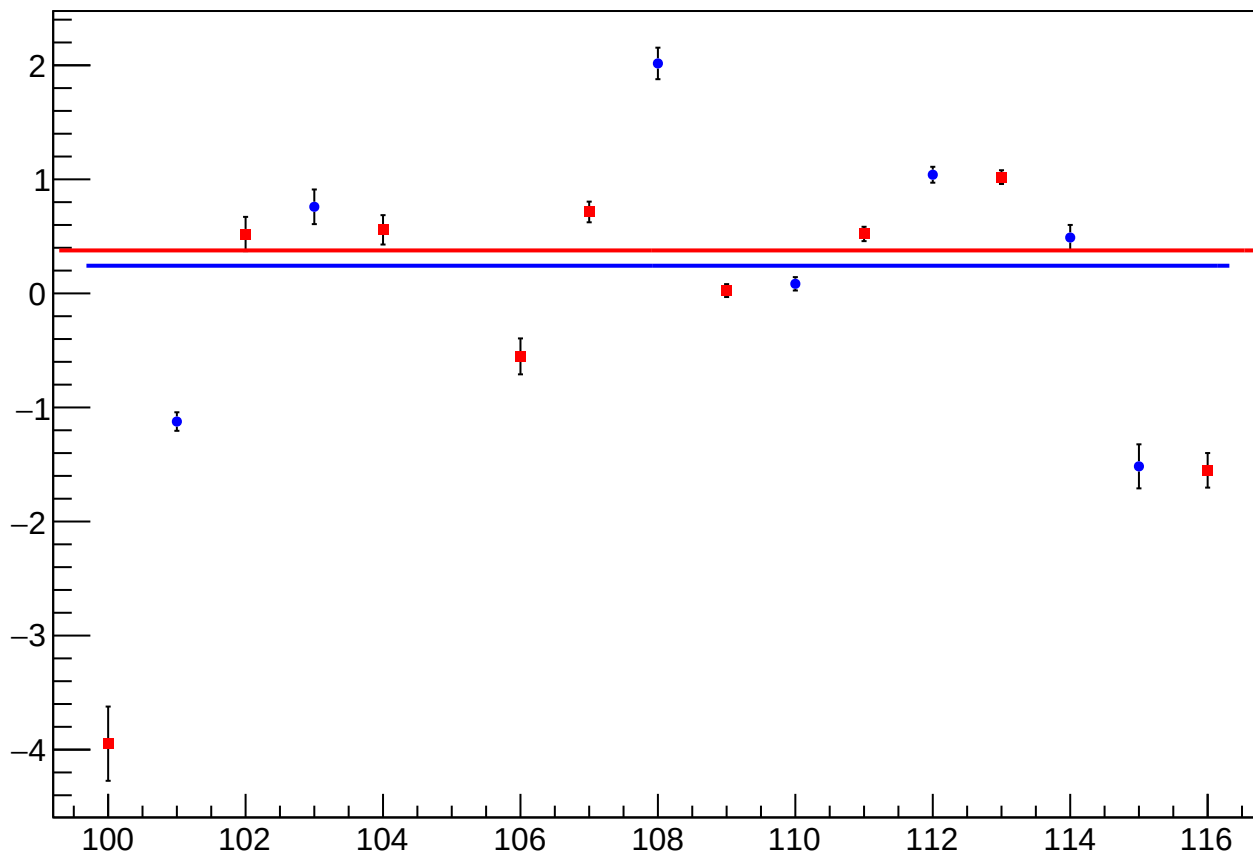
Right: -0.815 $\pm$ 0.015 χ^2 /NDF: 77702.8/15

In: -1.192 $\pm$ 0.025 χ^2 /NDF:29681.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.815 $\pm$ 0.015 χ^2 /NDF: 77702.8/15

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.243+/-0.034 χ^2/NDF : 684.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.377+/-0.029 χ^2/NDF : 547.9/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

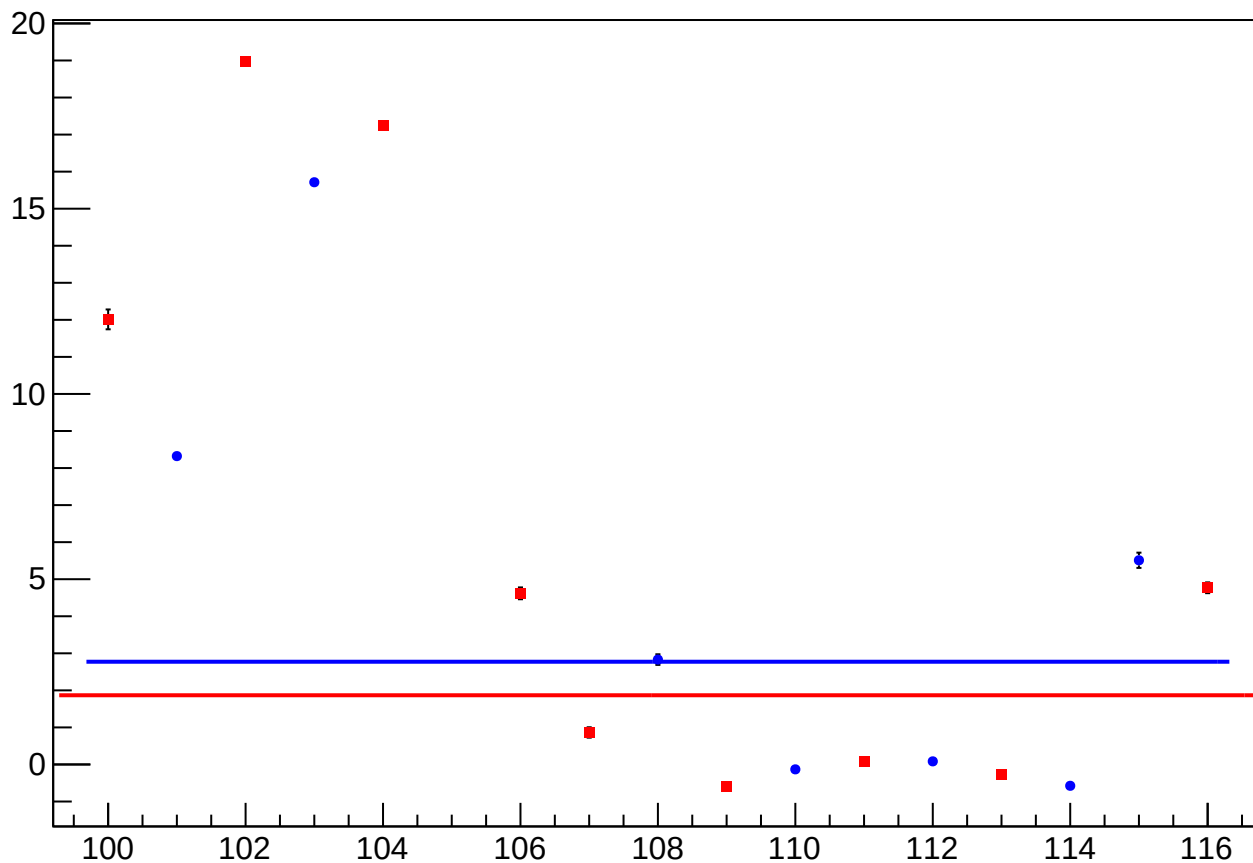
Right: 0.320+/-0.022 χ^2/NDF : 1241.7/15

In: 0.243+/-0.034 χ^2/NDF : 684.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.320+/-0.022 χ^2/NDF : 1241.7/15

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.773+/-0.032 χ^2/NDF : 23673.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.868+/-0.027 χ^2/NDF : 42422.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

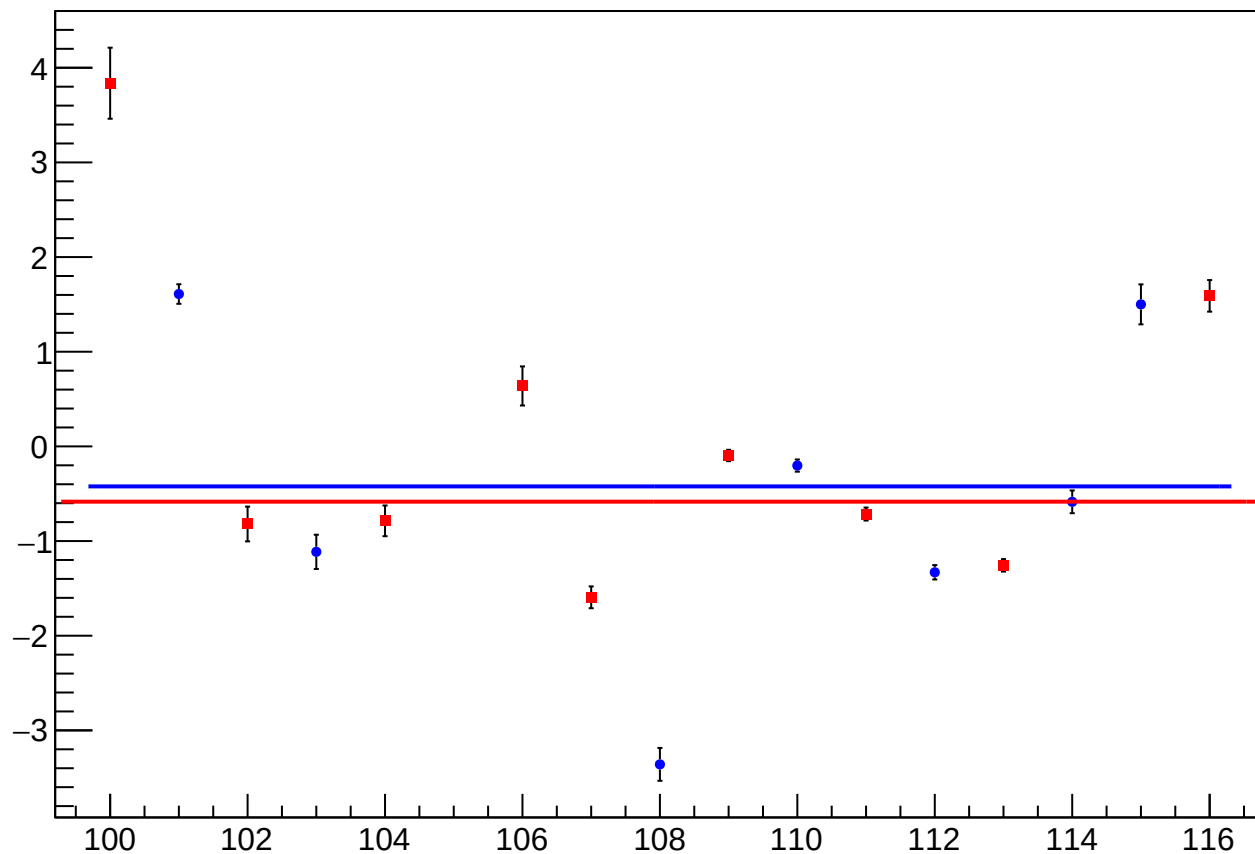
Right: 2.243+/-0.020 χ^2/NDF : 66572.6/15

In: 2.773+/-0.032 χ^2/NDF : 23673.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.243+/-0.020 χ^2/NDF : 66572.6/15

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.423 ± 0.039 χ^2/NDF : 926.4/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.584 ± 0.033 χ^2/NDF : 597.9/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

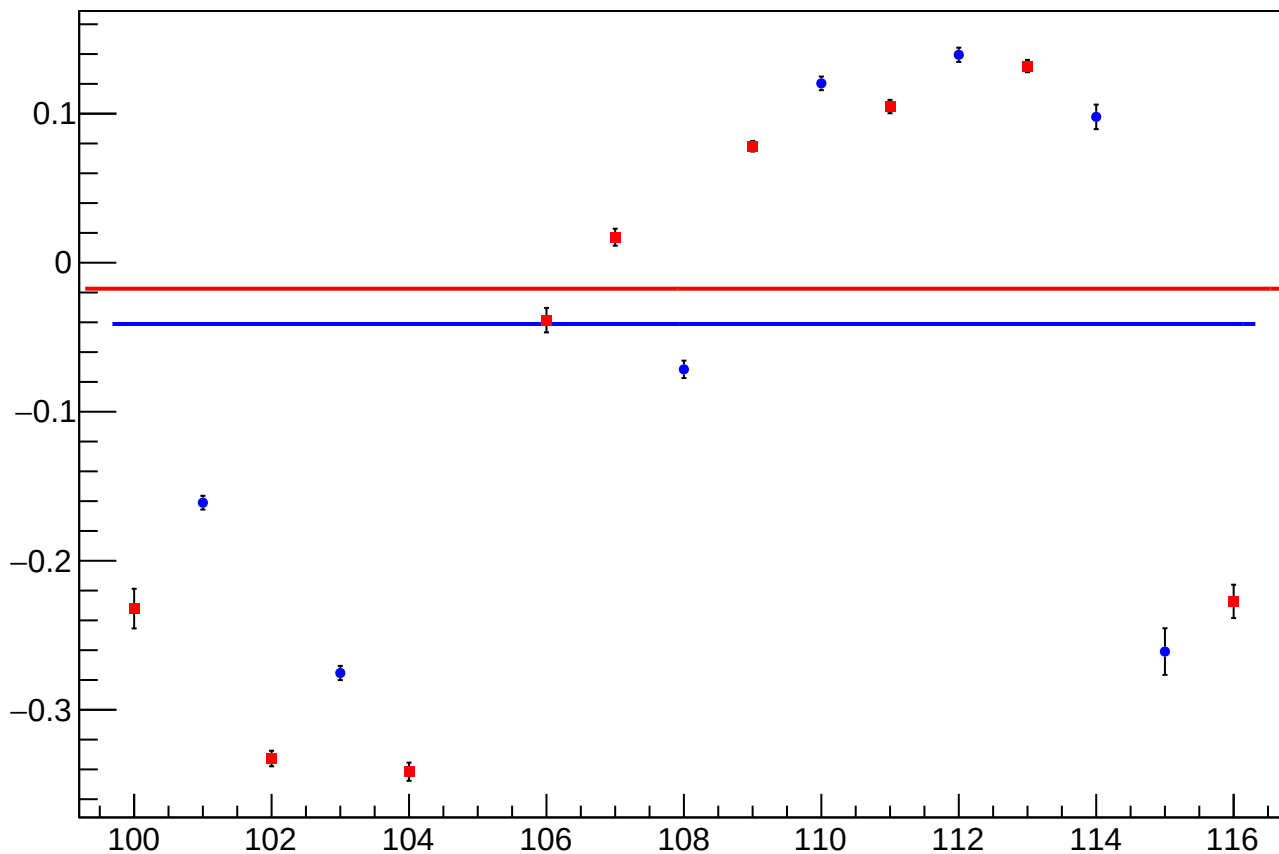
Right: -0.517 ± 0.025 χ^2/NDF : 1534.4/15

In: -0.423 ± 0.039 χ^2/NDF : 926.4/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.517 ± 0.025 χ^2/NDF : 1534.4/15

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.002 χ^2 /NDF: 6255.3/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.002 χ^2 /NDF: 9876.5/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

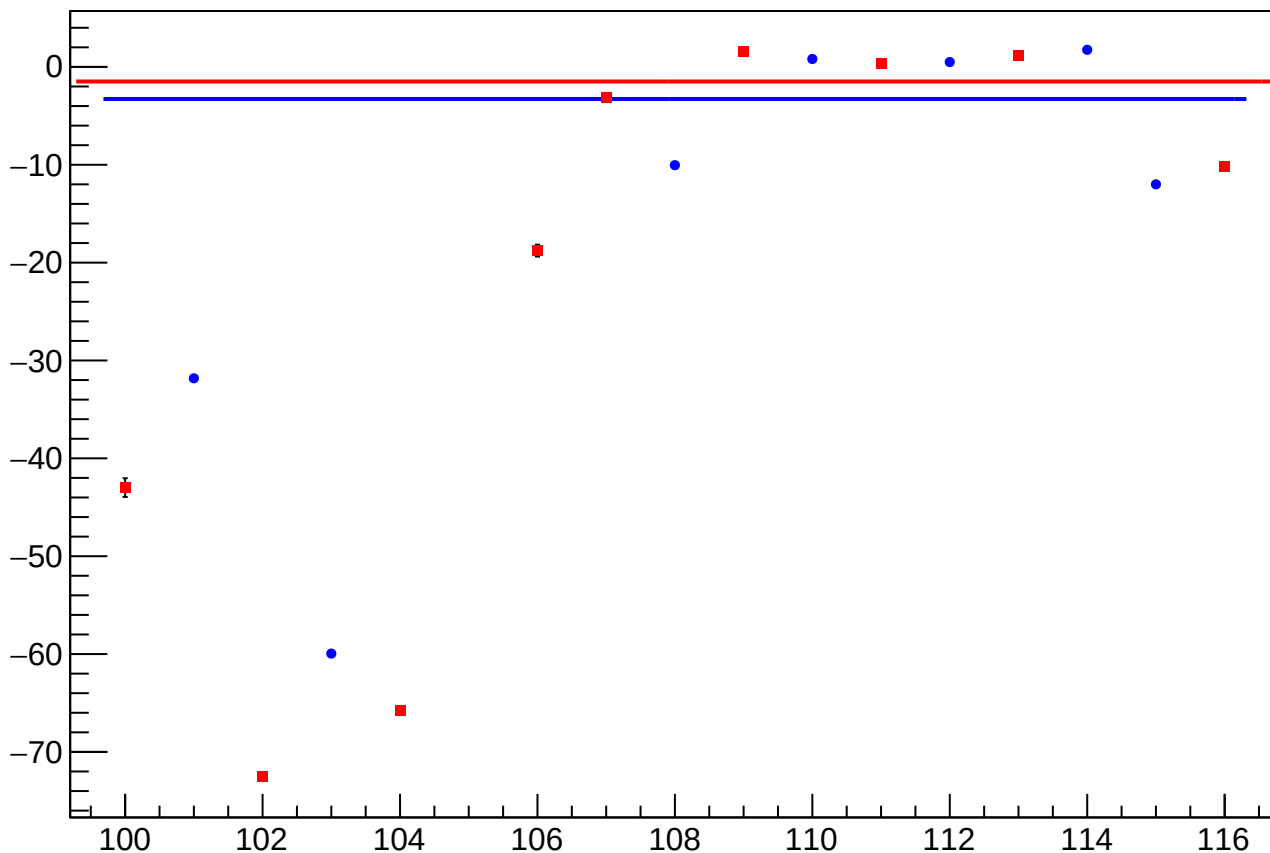
Right: -0.028 $\pm$ 0.001 χ^2 /NDF: 16205.9/15

In: -0.041 $\pm$ 0.002 χ^2 /NDF:6255.3/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.001 χ^2 /NDF: 16205.9/15

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.277 $\pm$ 0.071 χ^2 /NDF: 30232.1/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.490 $\pm$ 0.054 χ^2 /NDF: 48340.3/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

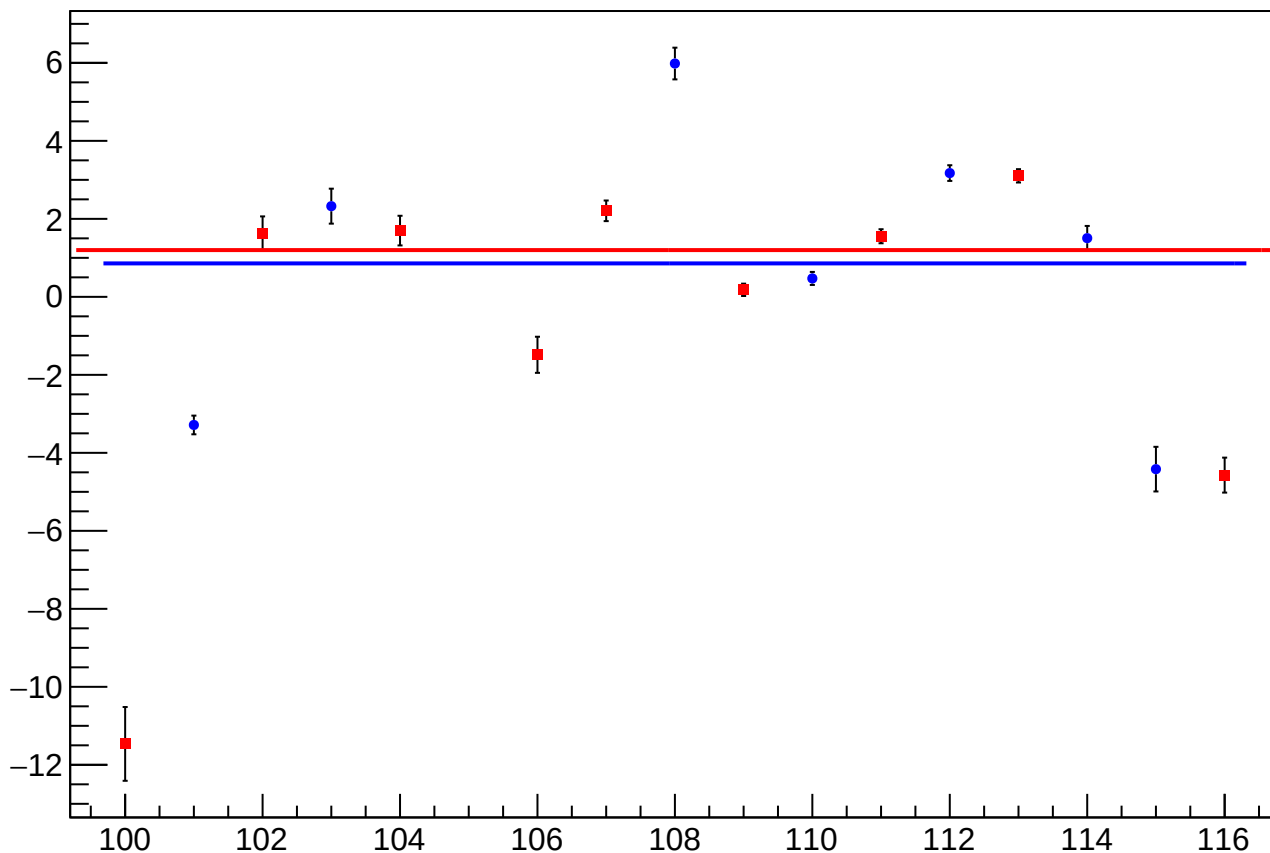
Right: -2.153 $\pm$ 0.043 χ^2 /NDF: 78974.6/15

In: -3.277 $\pm$ 0.071 χ^2 /NDF:30232.1/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.153 $\pm$ 0.043 χ^2 /NDF: 78974.6/15

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.858+/-0.099 χ^2/NDF : 695.4/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.199+/-0.084 χ^2/NDF : 564.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

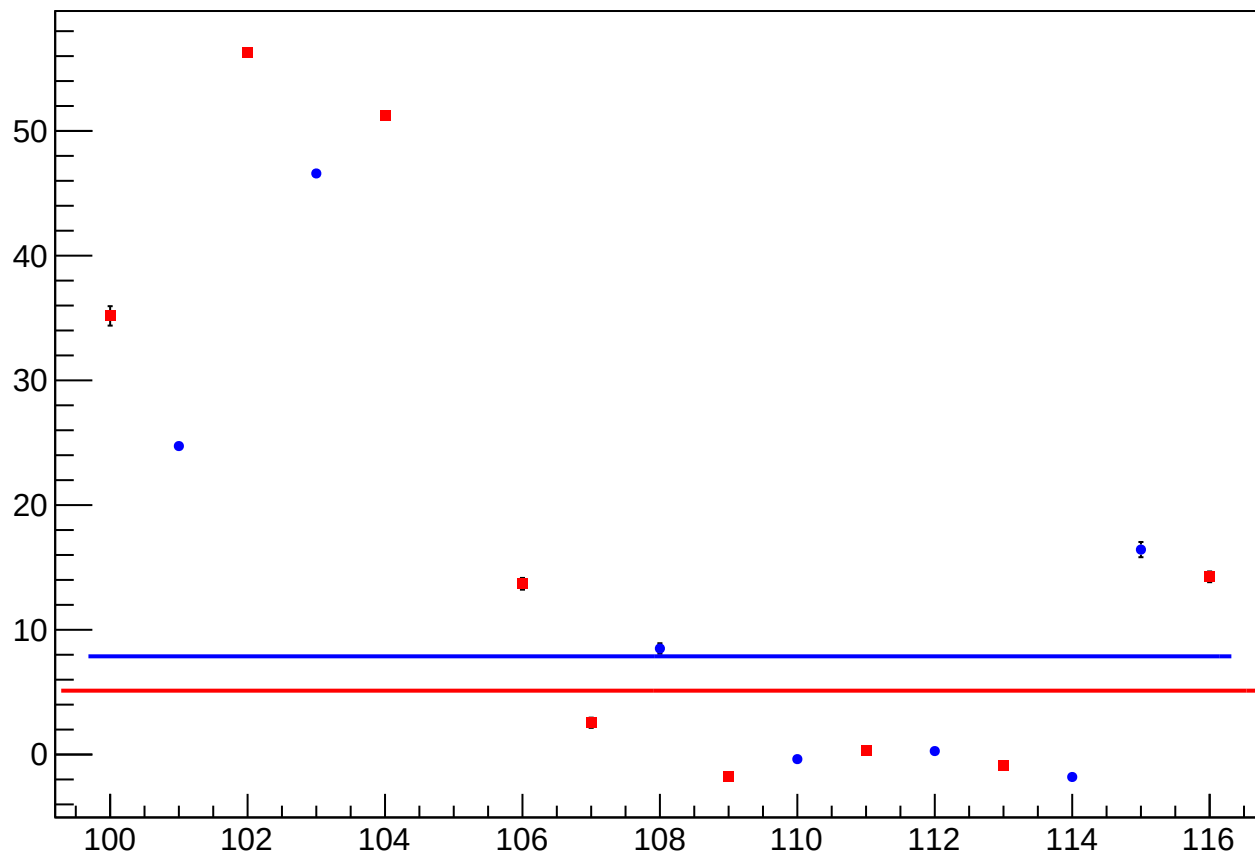
Right: 1.056+/-0.064 χ^2/NDF : 1267.1/15

In: 0.858+/-0.099 χ^2/NDF : 695.4/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.056+/-0.064 χ^2/NDF : 1267.1/15

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.873+/-0.091 χ^2/NDF : 24300.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.120+/-0.076 χ^2/NDF : 43303.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

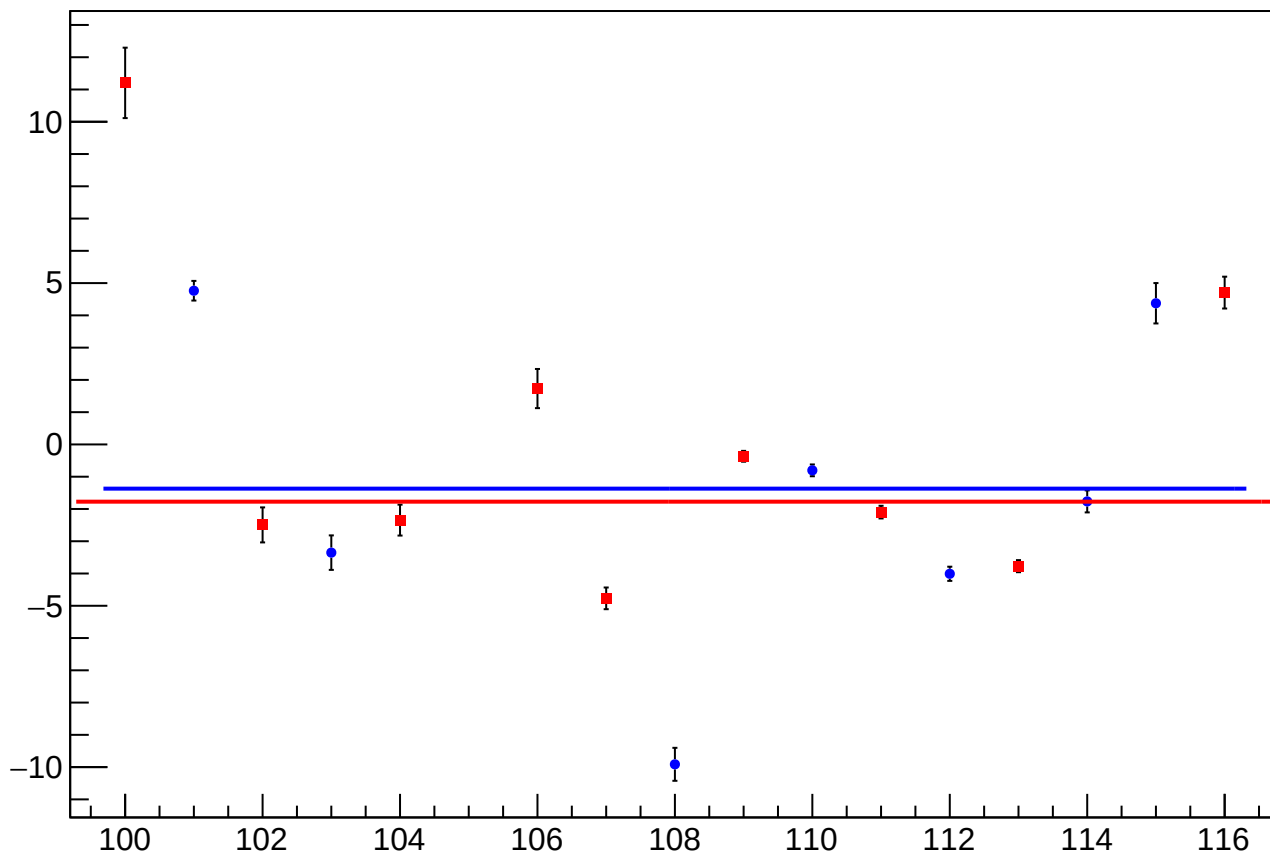
Right: 6.244+/-0.058 χ^2/NDF : 68140.7/15

In: 7.873+/-0.091 χ^2/NDF : 24300.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.244+/-0.058 χ^2/NDF : 68140.7/15

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.370+/-0.112 χ^2/NDF : 938.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.774+/-0.094 χ^2/NDF : 616.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

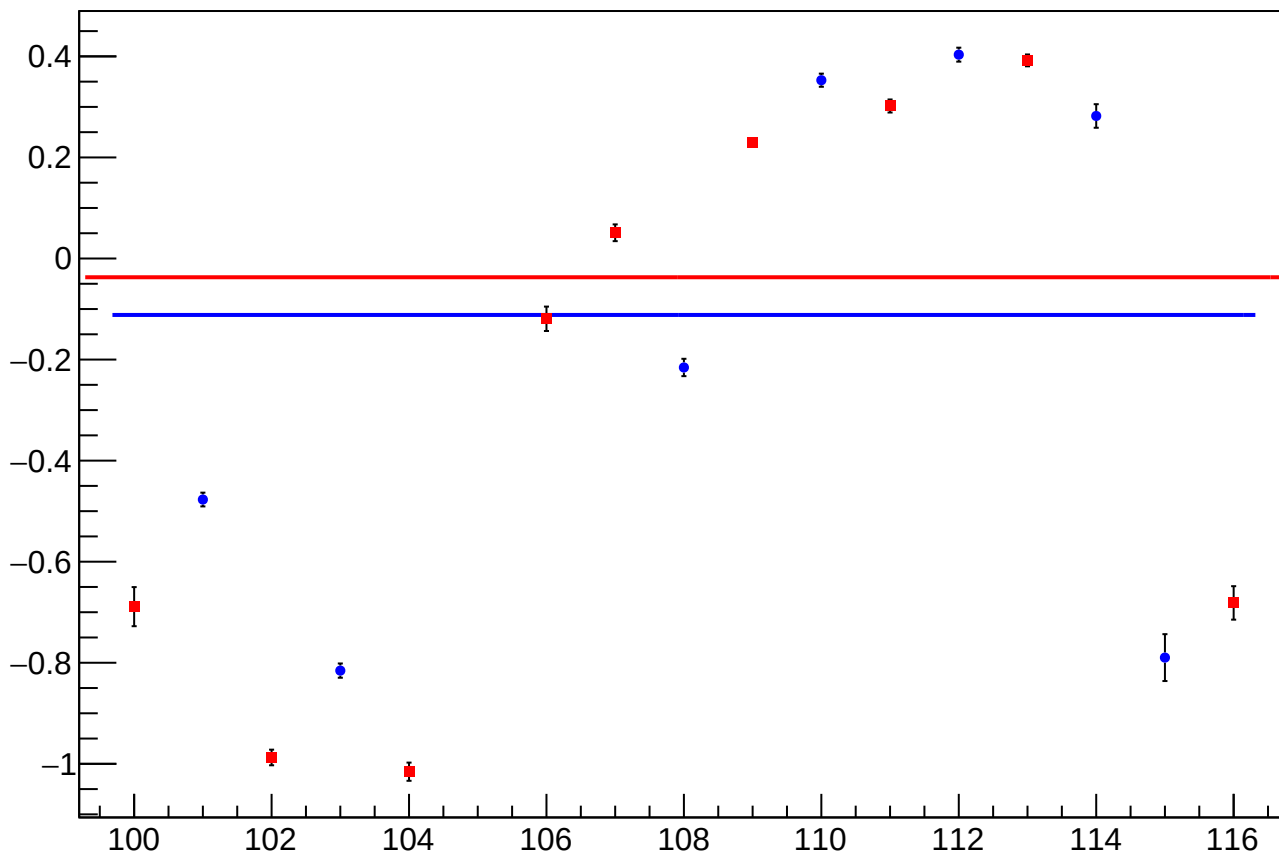
Right: -1.608+/-0.072 χ^2/NDF : 1563.2/15

In: -1.370+/-0.112 χ^2/NDF : 938.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.608+/-0.072 χ^2/NDF : 1563.2/15

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.112 ± 0.006 χ^2/NDF : 6410.6/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.005 χ^2/NDF : 10175.6/8

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

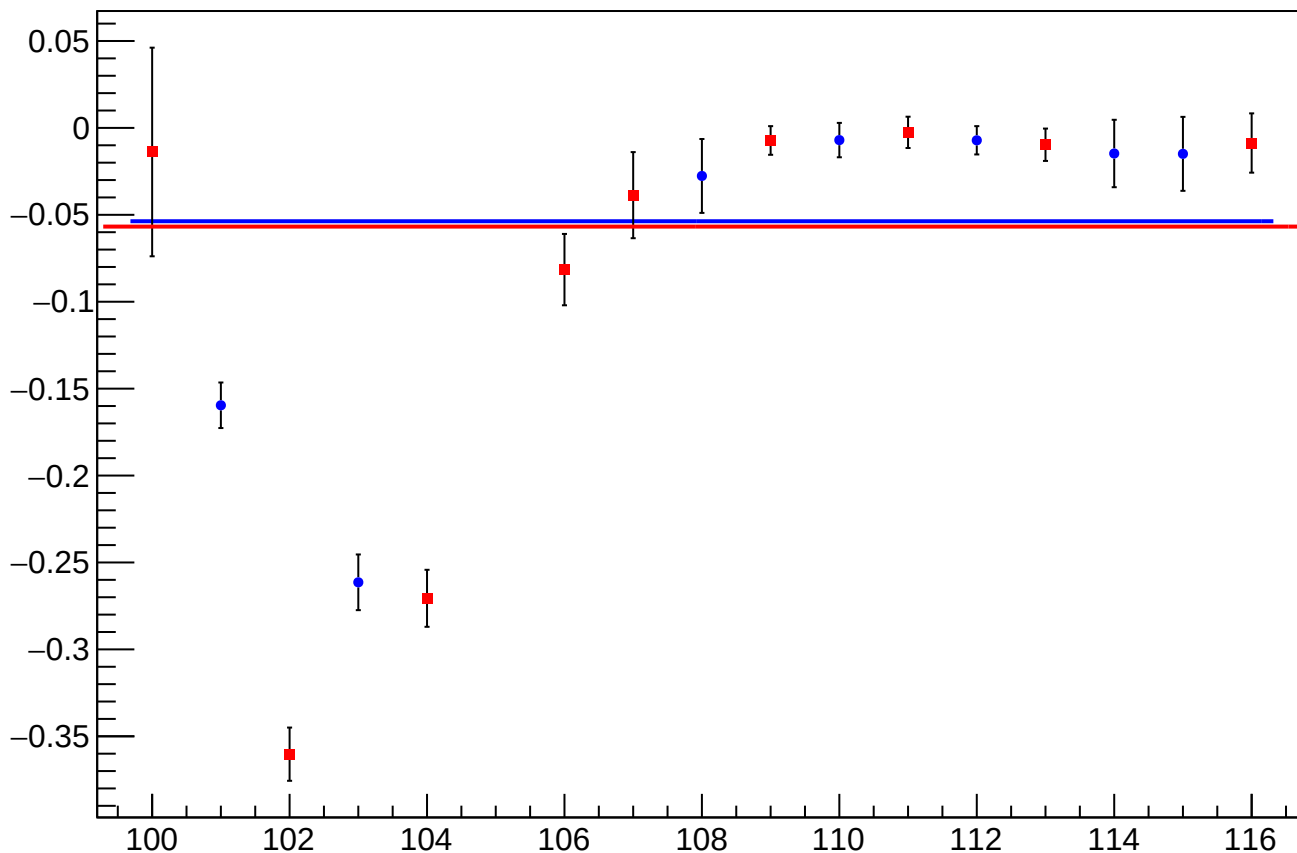
Right: -0.069 ± 0.004 χ^2/NDF : 16674.1/15

In: -0.112 ± 0.006 χ^2/NDF : 6410.6/6

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.069 ± 0.004 χ^2/NDF : 16674.1/15

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.054 ± 0.005 $\chi^2/\text{NDF}: 297.3/6$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.057 ± 0.004 $\chi^2/\text{NDF}: 671.3/8$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

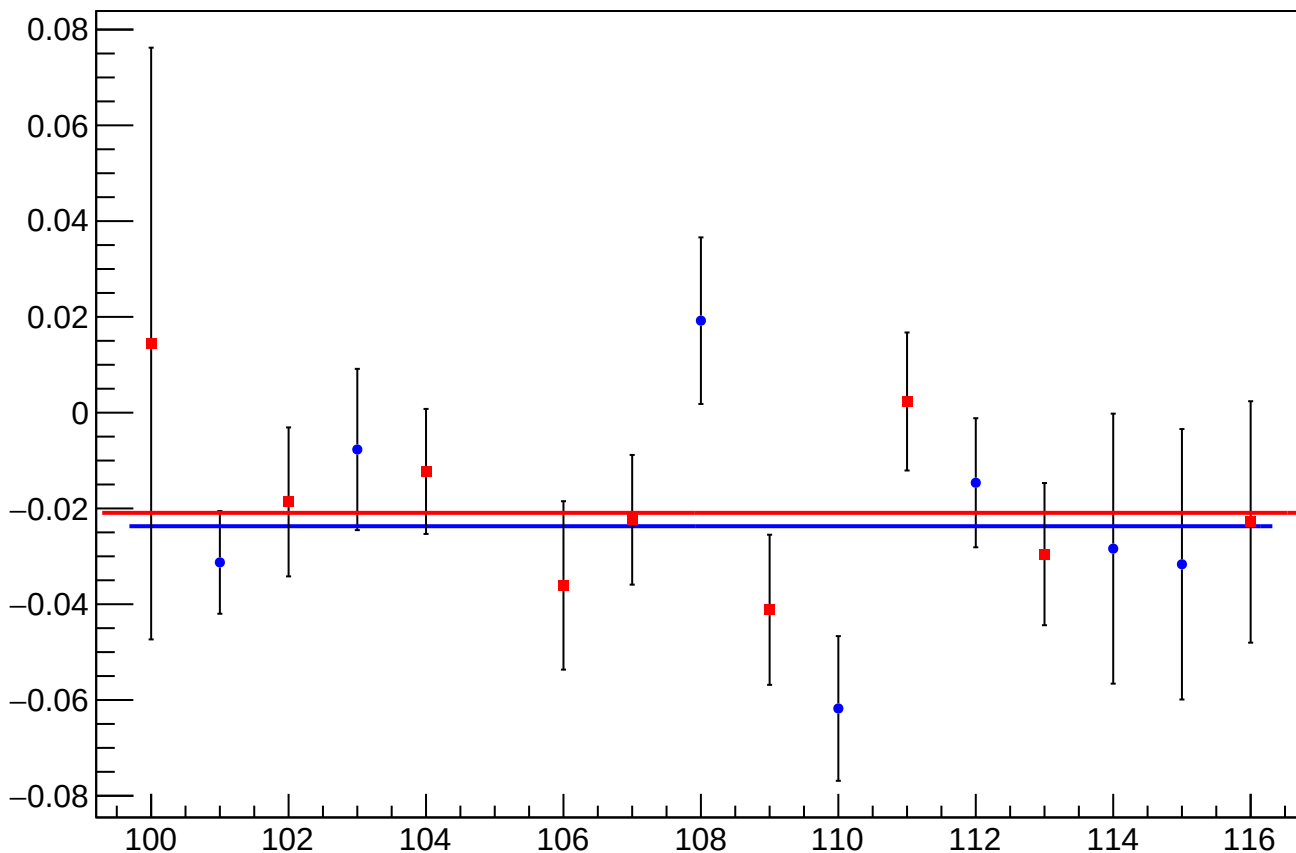
Right: -0.055 ± 0.003 $\chi^2/\text{NDF}: 968.9/15$

In: -0.054 ± 0.005 $\chi^2/\text{NDF}: 297.3/6$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.055 ± 0.003 $\chi^2/\text{NDF}: 968.9/15$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.006 χ^2 /NDF: 14.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.005 χ^2 /NDF: 6.2/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

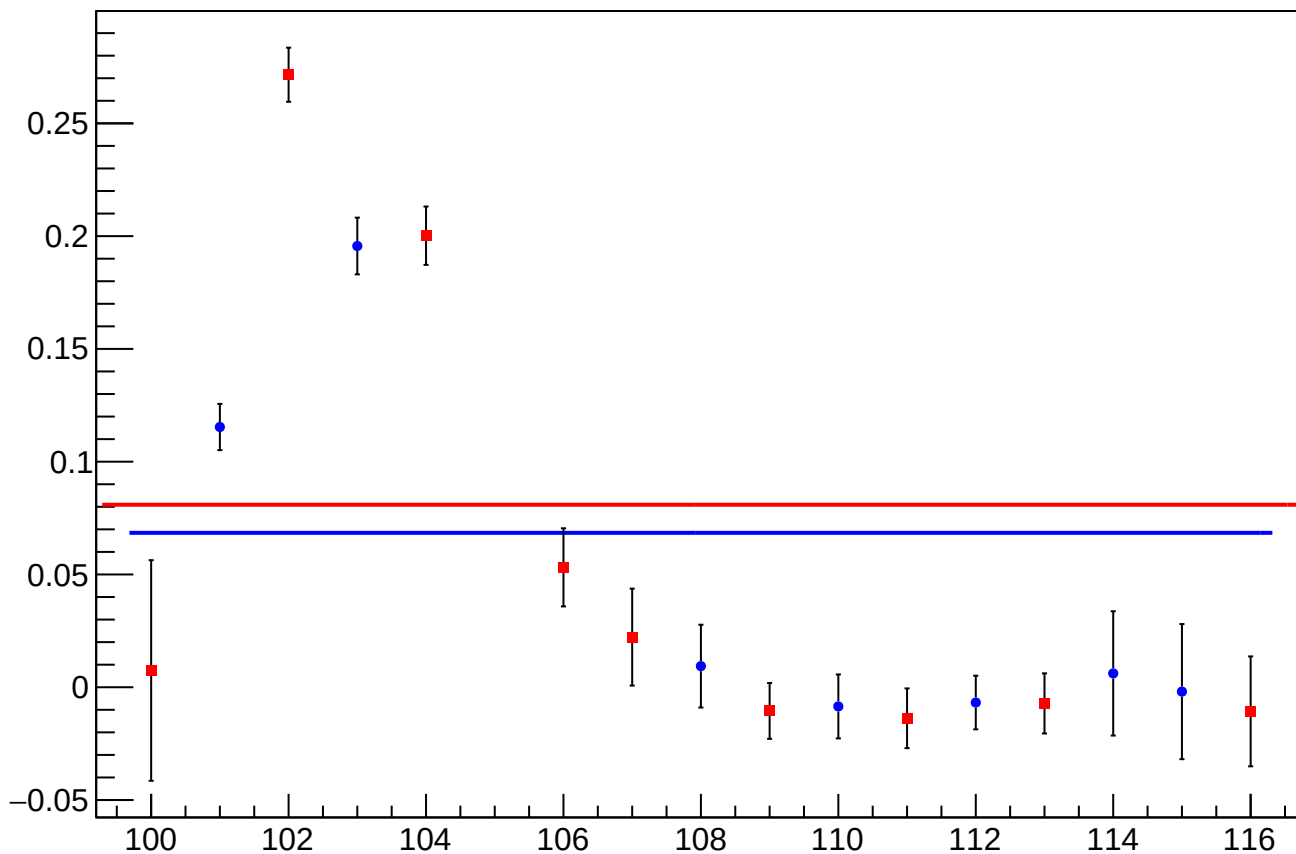
Right: -0.022 $\pm$ 0.004 χ^2 /NDF: 20.7/15

In: -0.024 $\pm$ 0.006 χ^2 /NDF:14.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.004 χ^2 /NDF: 20.7/15

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.068+/-0.005 χ^2/NDF : 213.7/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.081+/-0.005 χ^2/NDF : 513.4/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

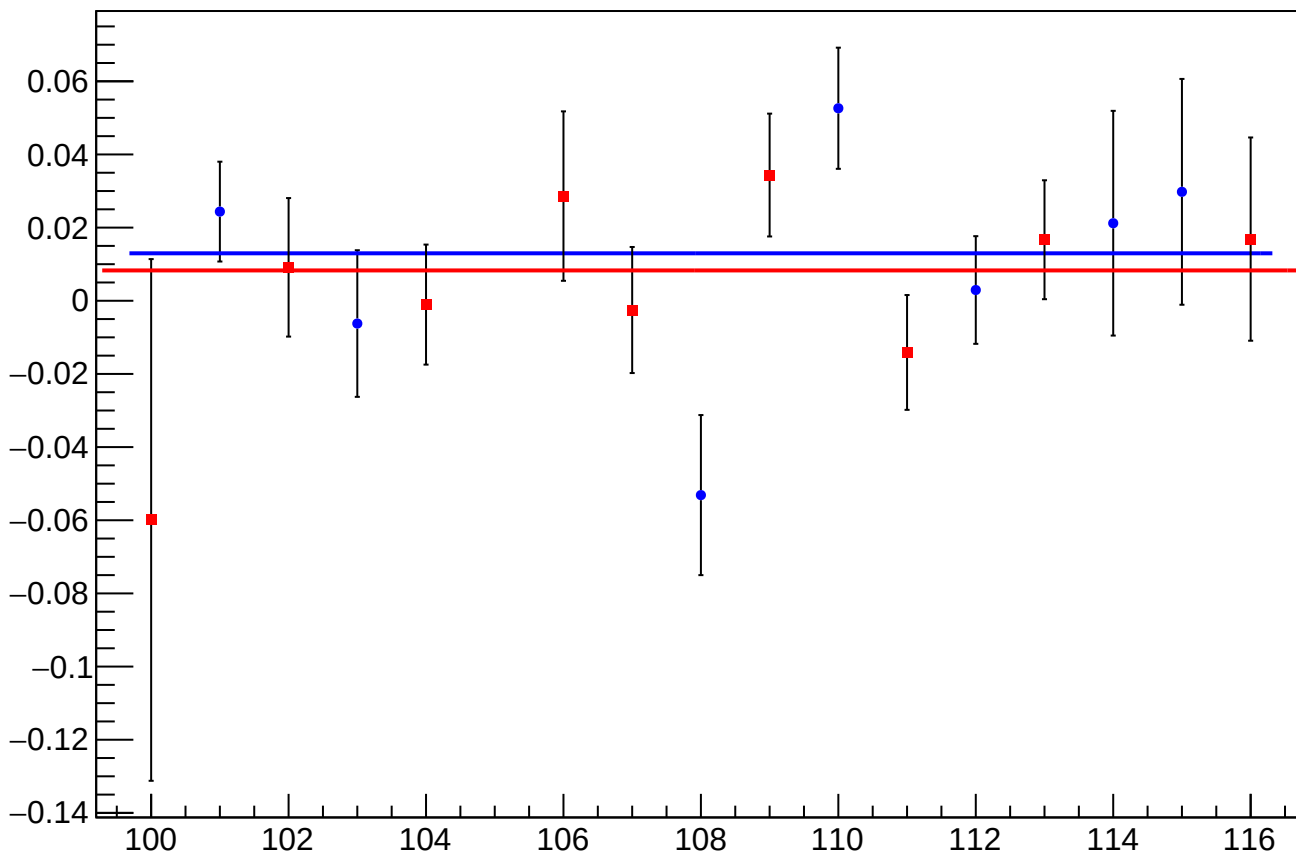
Right: 0.075+/-0.004 χ^2/NDF : 729.8/15

In: 0.068+/-0.005 χ^2/NDF : 213.7/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.075+/-0.004 χ^2/NDF : 729.8/15

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.007 χ^2/NDF : 17.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.006 χ^2/NDF : 7.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

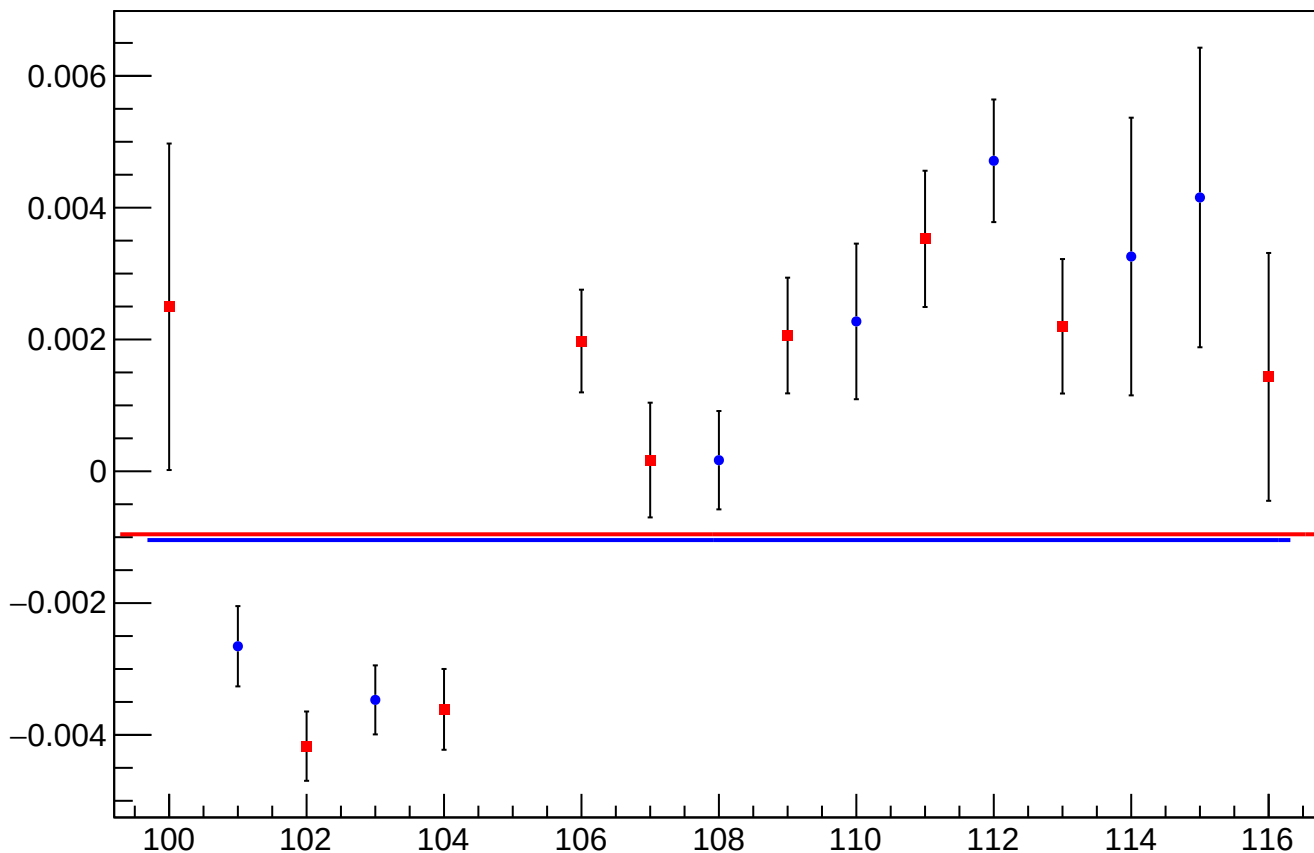
Right: 0.010+/-0.005 χ^2/NDF : 24.8/15

In: 0.013+/-0.007 χ^2/NDF : 17.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.005 χ^2/NDF : 24.8/15

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 86.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 115.7/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

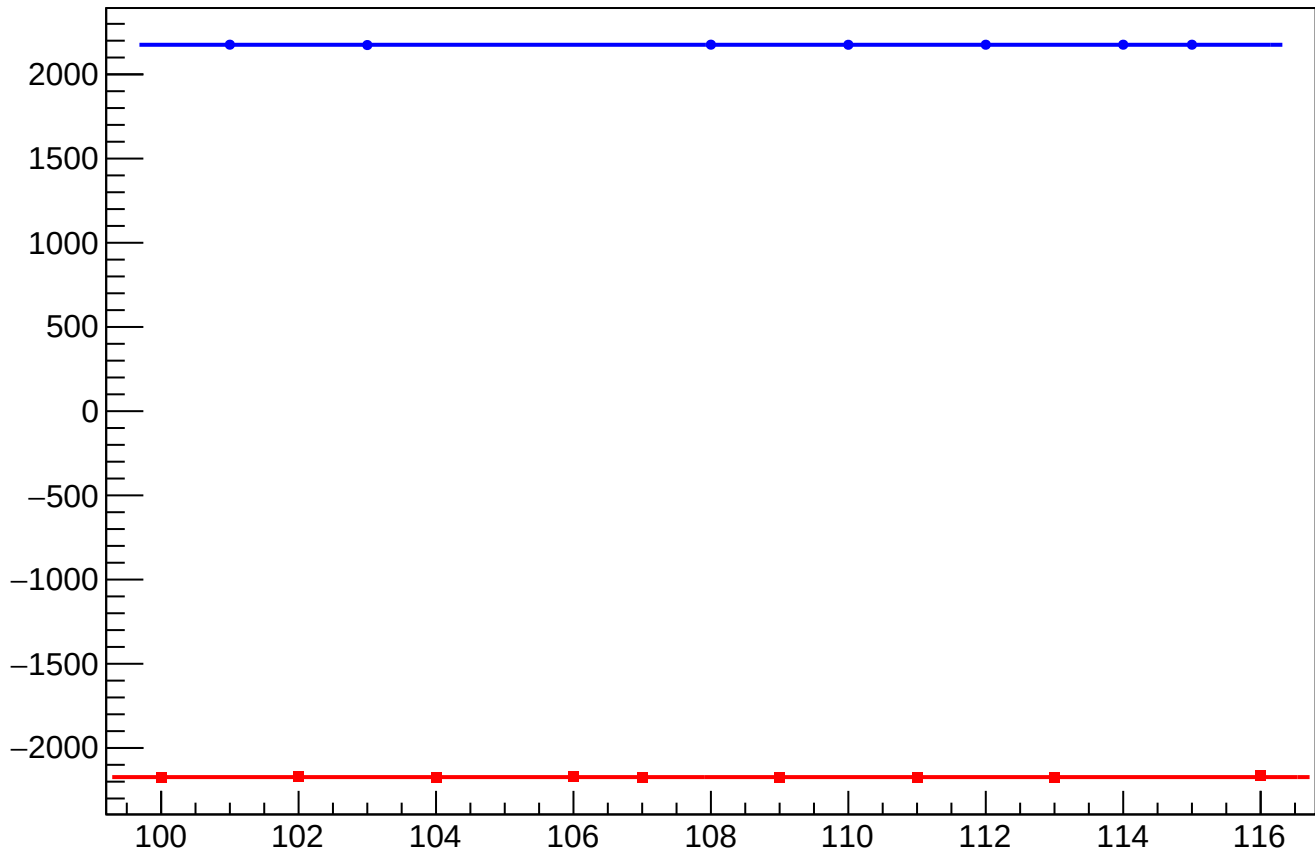
Right: -0.001+/-0.000 χ^2/NDF : 202.4/15

In: -0.001+/-0.000 χ^2/NDF : 86.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

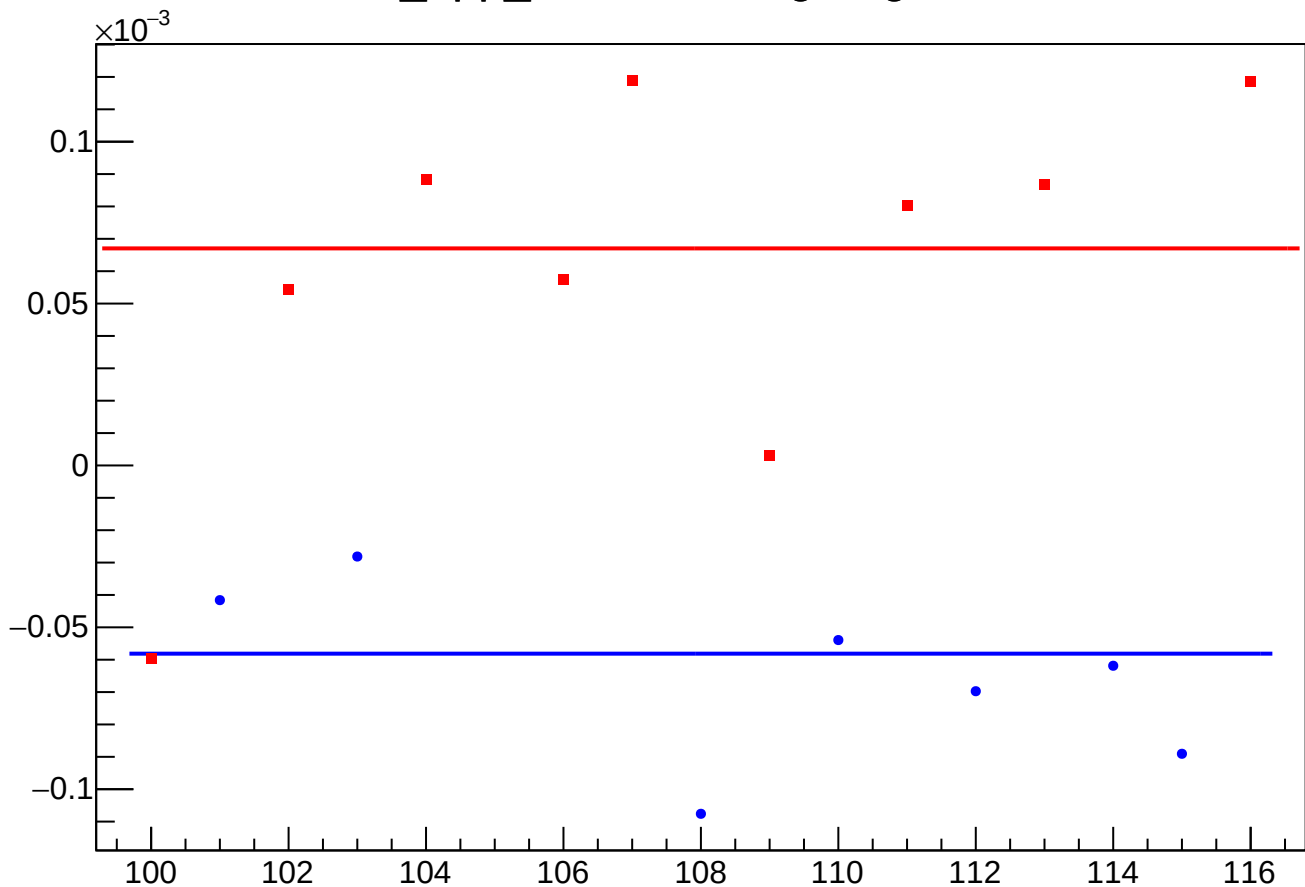
All: -0.001+/-0.000 χ^2/NDF : 202.4/15

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.686 $\pm$ 0.000 χ^2 /NDF: 210059447142081934288326680903680.0/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2172.927 $\pm$ 0.000 χ^2 /NDF: 3611281420346990858982344815017984.0/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -257.387 $\pm$ 0.000 χ^2 /NDF: 30154433069776

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 196109134713920335904768.0/6

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 527464341889865599680512.0/8

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 32221025285031866

In: -0.000+/-0.000

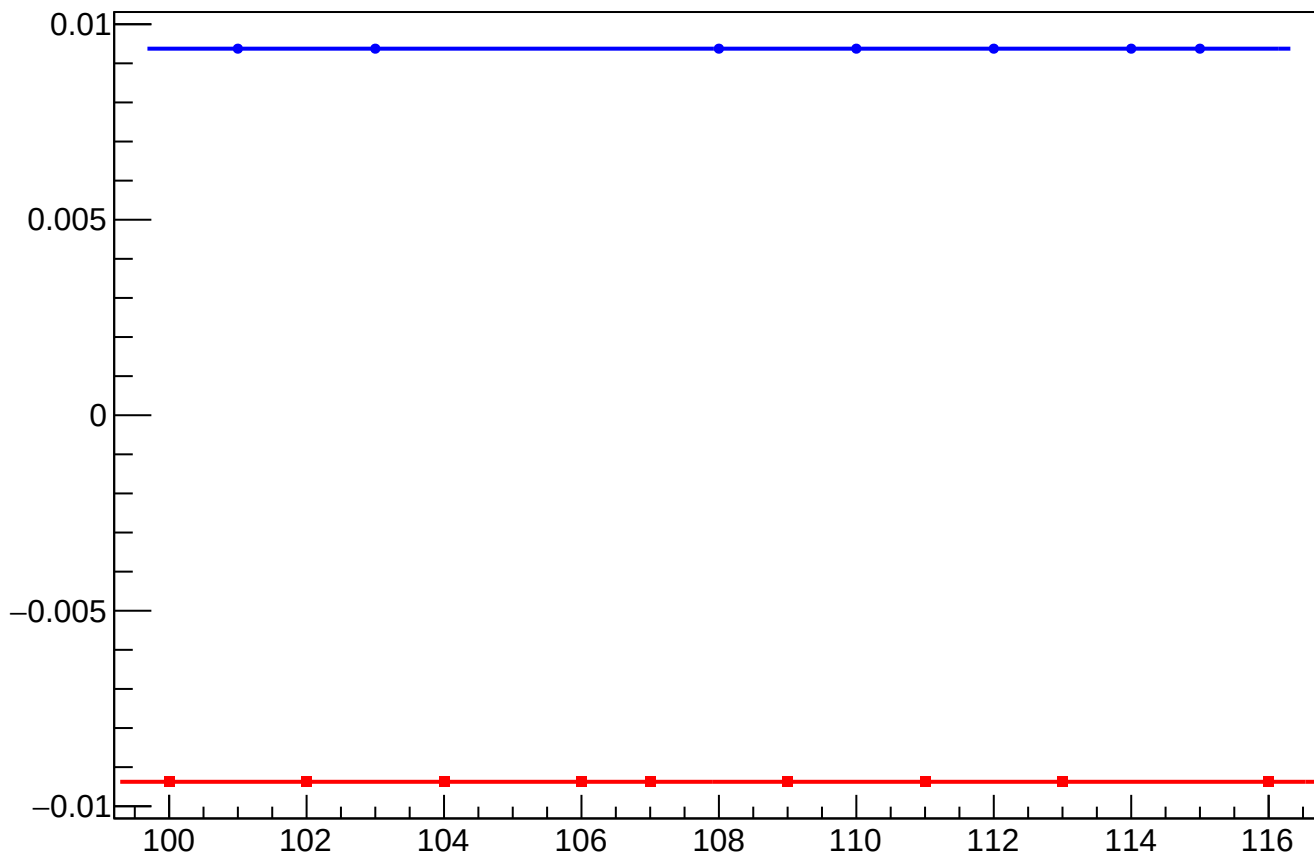
χ^2/NDF : 196109134713920335

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32221025285031866

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

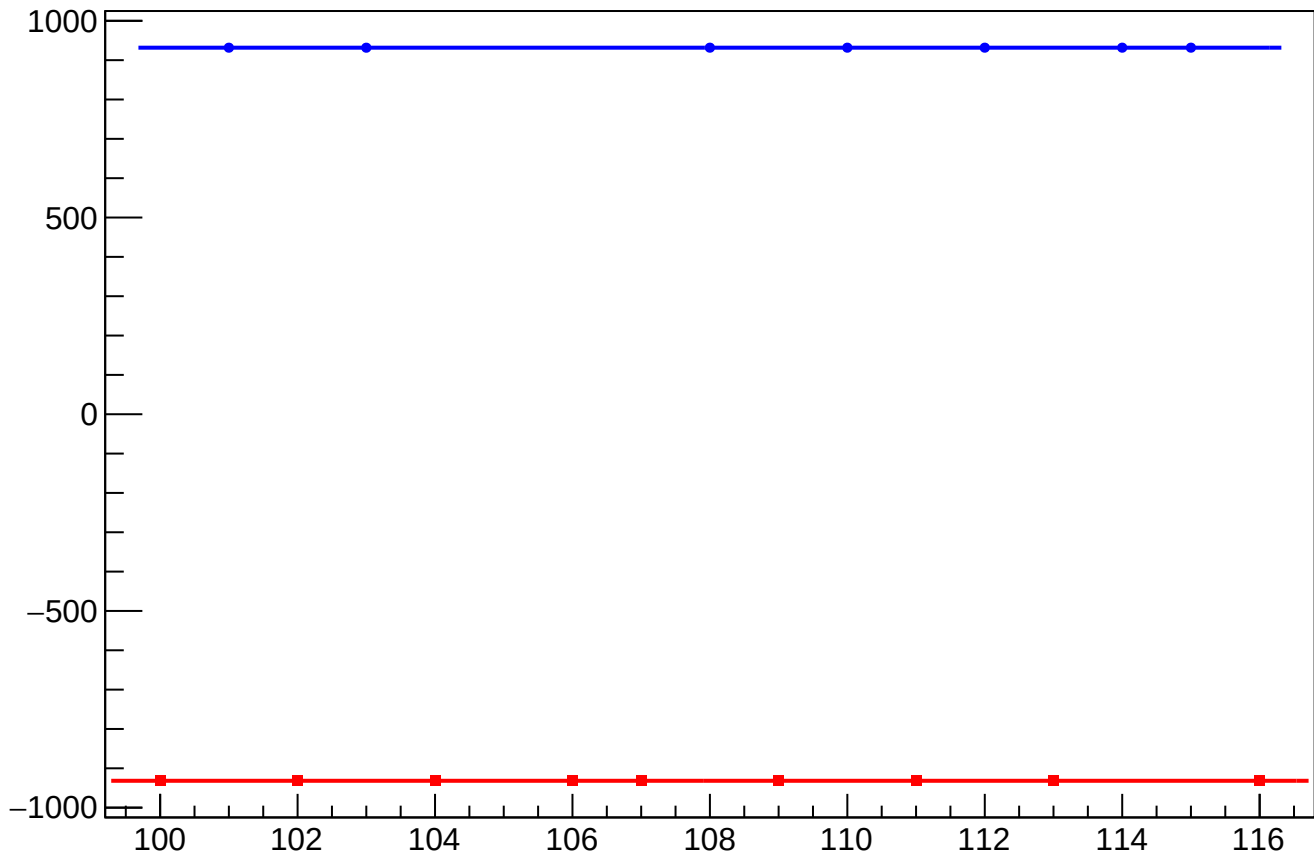
Right: -0.001+/-0.000 χ^2/NDF : 5605981935857802

In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

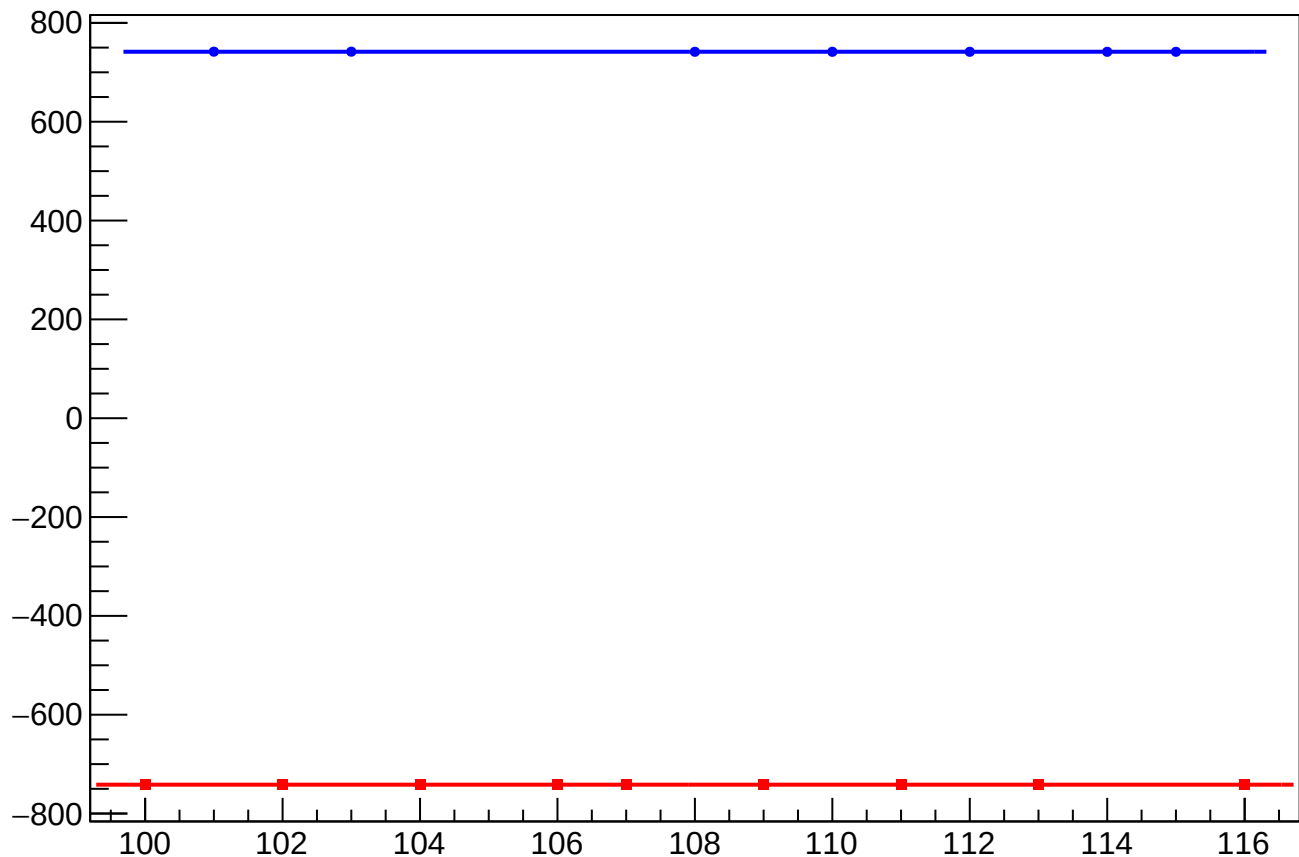
All: -0.001+/-0.000 χ^2/NDF : 5605981935857

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



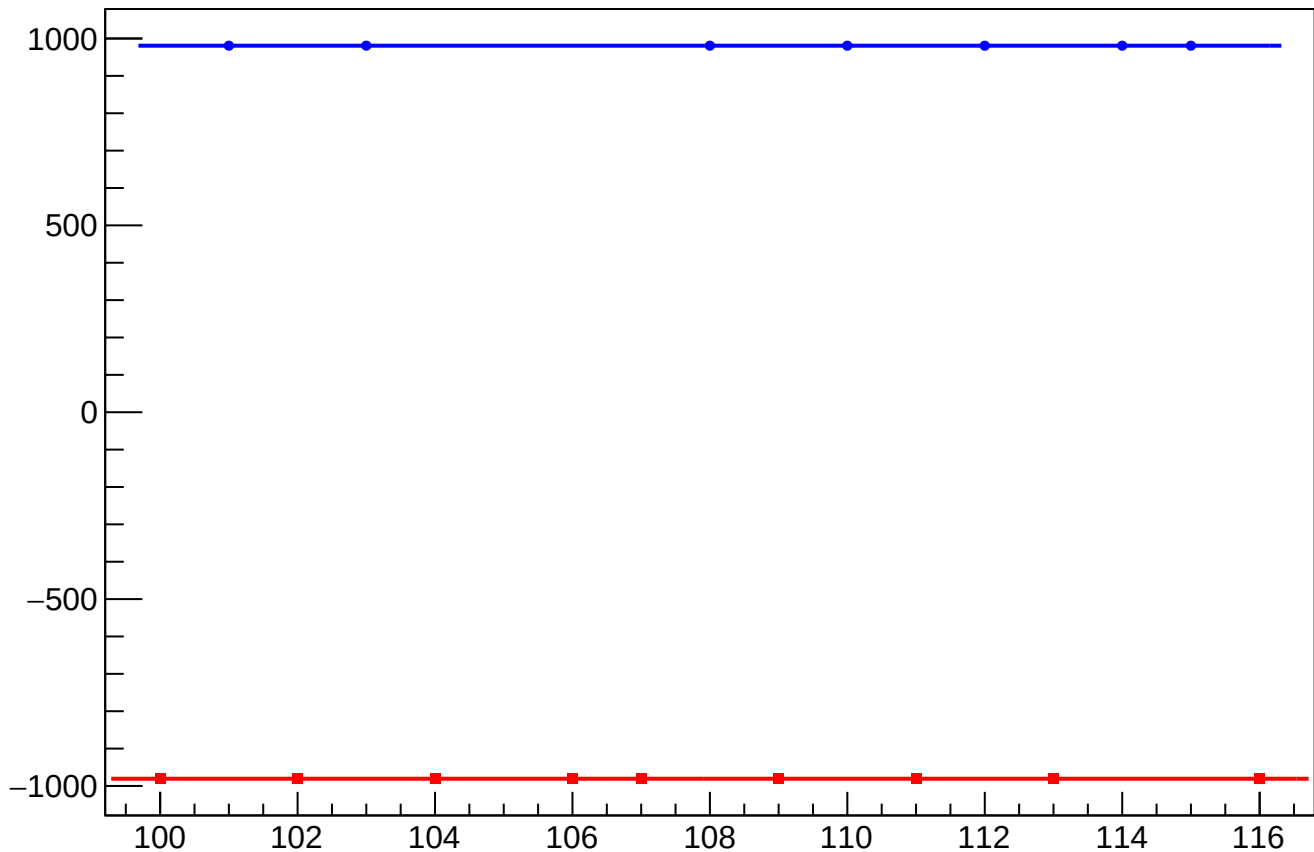
Right In: 931.716+/-0.000 χ^2/NDF : 286823650532798586587174666240.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.722+/-0.000 χ^2/NDF : 355429908890142772606697209856.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -110.887+/-0.000 χ^2/NDF : 55370593581833

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



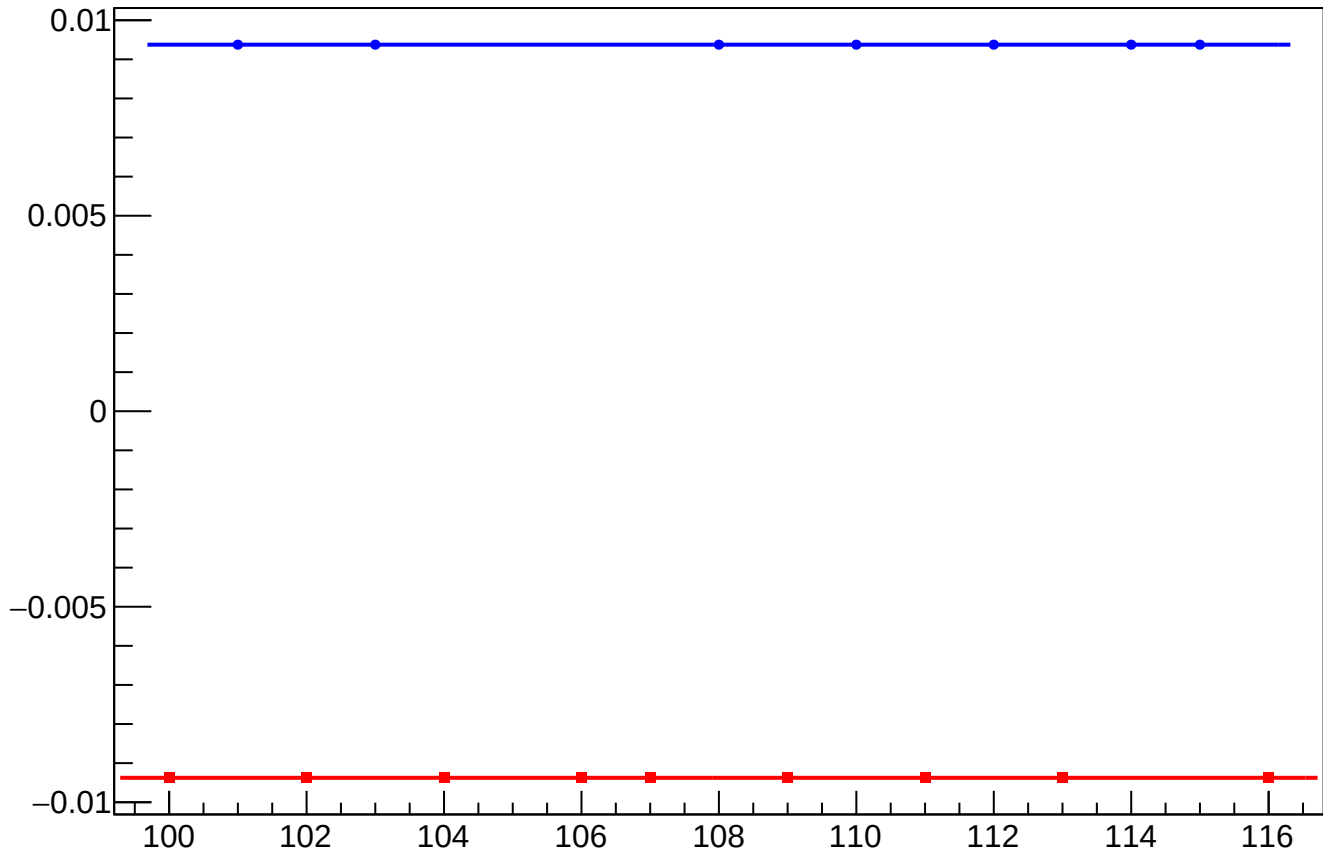
Right In: 741.636+/-0.000 χ^2/NDF : 4297905561515763276131912908800.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.631+/-0.000 χ^2/NDF : 5628405159980582155612026044416.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -88.260+/-0.000 χ^2/NDF : 350823112658550

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.784+/-0.000 χ^2/NDF : 231730100822256042478667825152.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.631+/-0.000 χ^2/NDF : 49675570805088223437817919832064.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -116.638+/-0.000 χ^2/NDF : 61346277985451.0/6

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

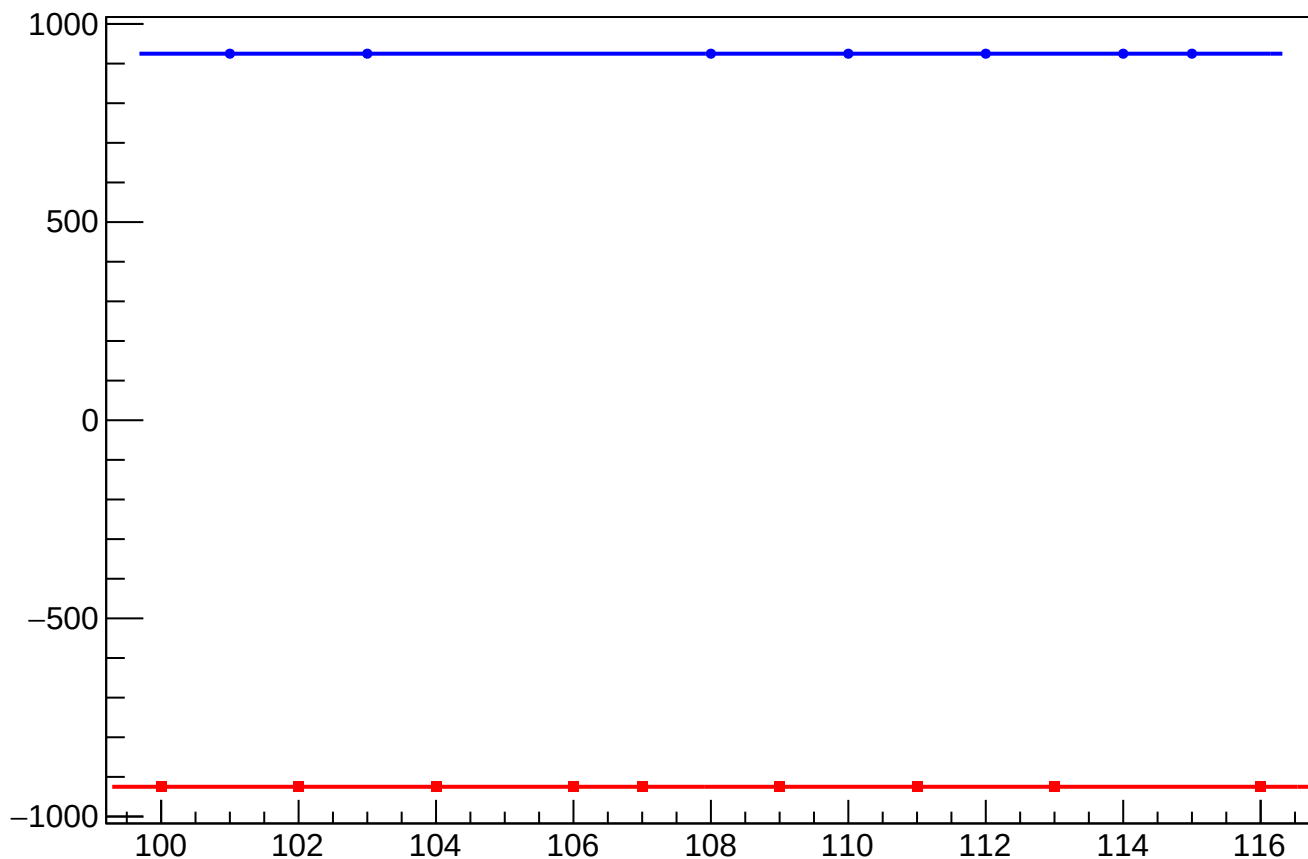
Right: -0.001+/-0.000 χ^2/NDF : 5605981935857802

In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

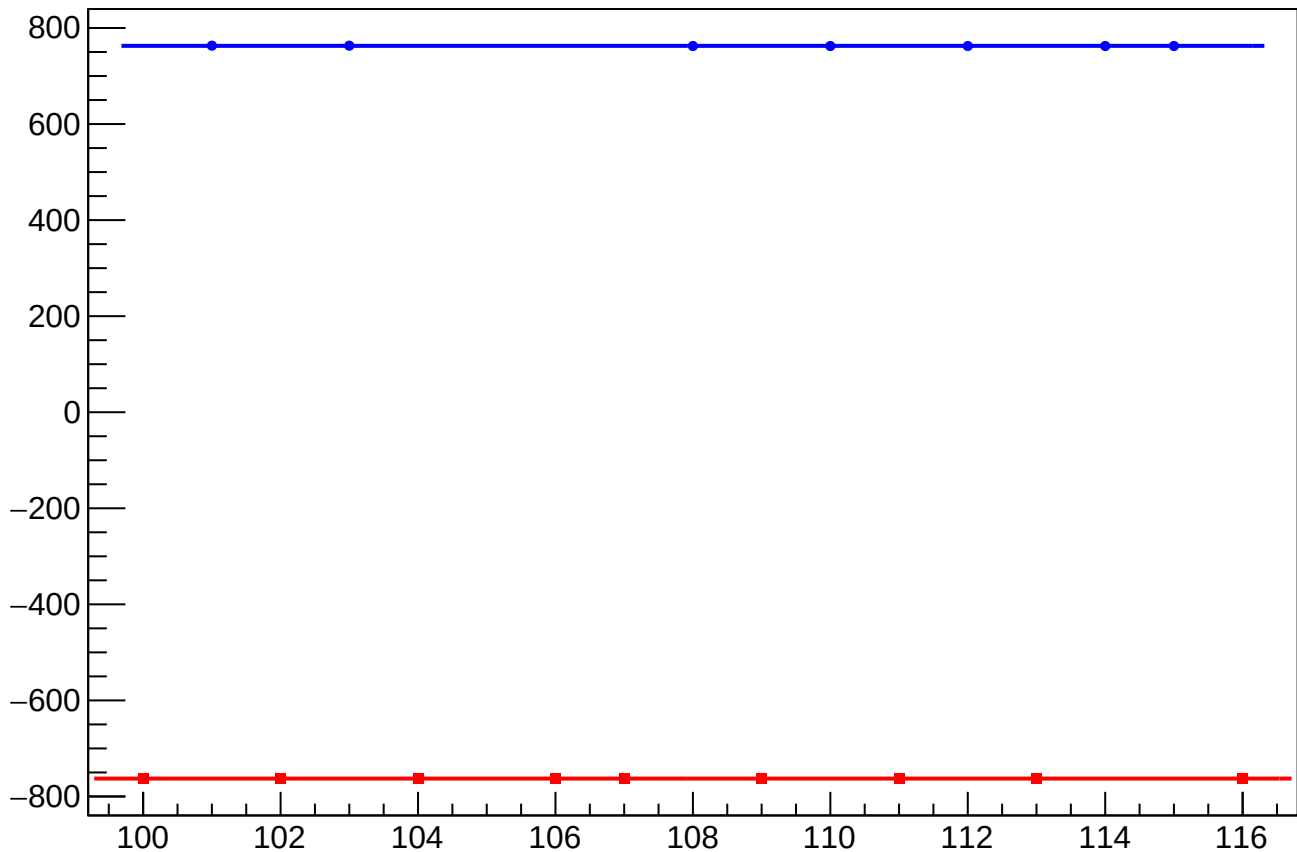
All: -0.001+/-0.000 χ^2/NDF : 5605981935857

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



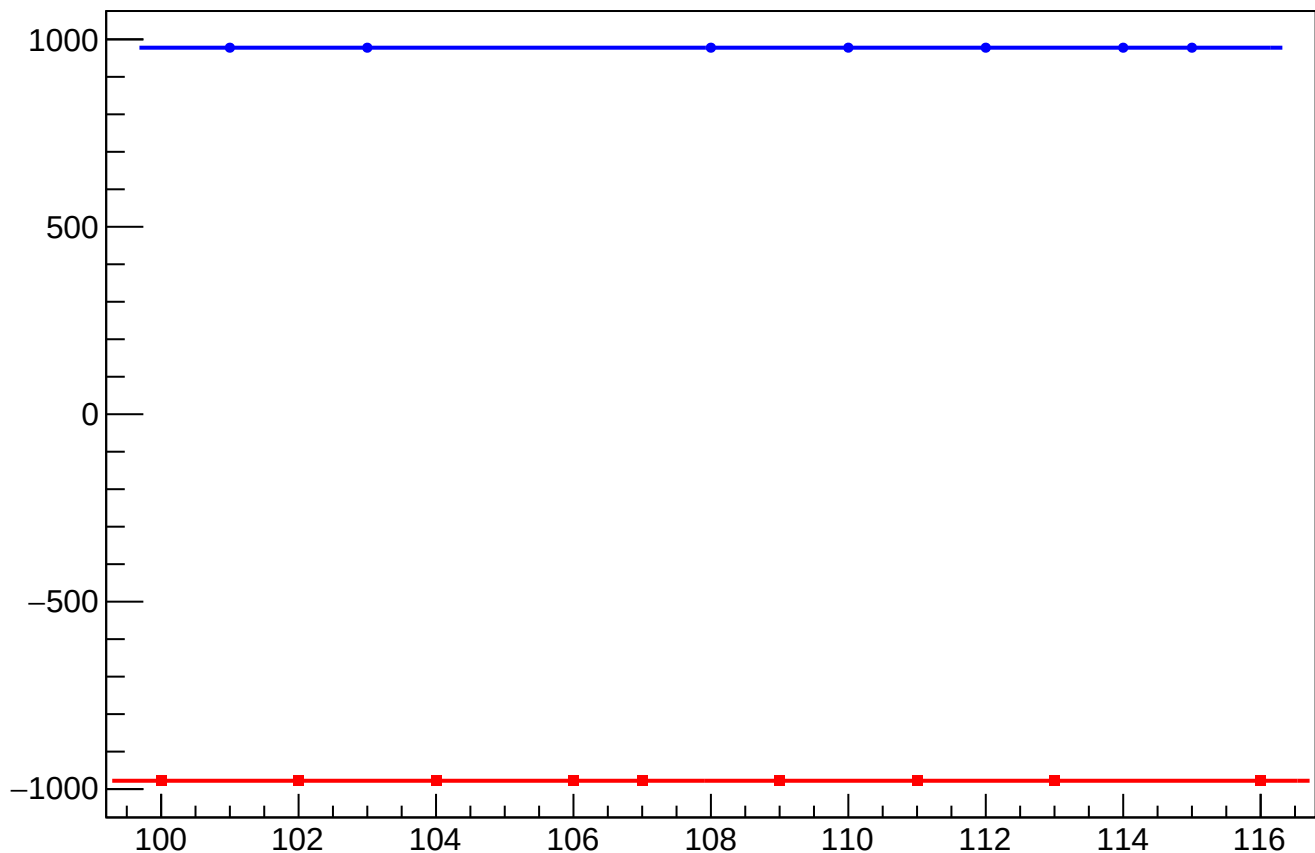
Right In: 924.971+/-0.000 χ^2/NDF : 194609002101113258628630970368.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.969+/-0.000 χ^2/NDF : 235353229606654646086294044672.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -110.081+/-0.000 χ^2/NDF : 54571325055744.0/6

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



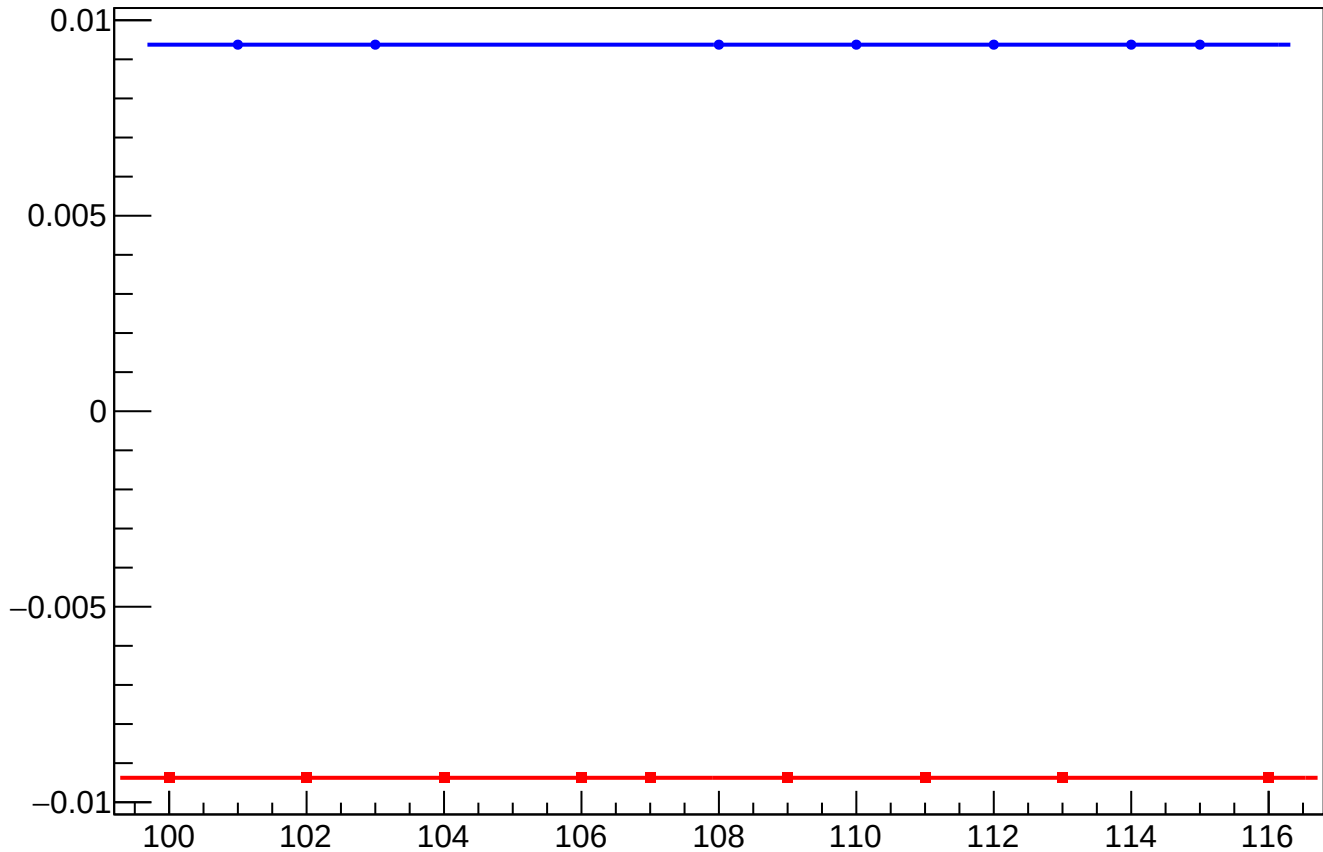
Right In: 762.807+/-0.000 χ^2/NDF : 33638623795814776151855757000704.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.747+/-0.000 χ^2/NDF : 41638597435289459894377166929920.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -90.749+/-0.000 χ^2/NDF : 371111397628478

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.765+/-0.000 χ^2/NDF : 183794979348056703493510004736.0/6
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.762+/-0.000 χ^2/NDF : 777665493865272316896529612800.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -116.363+/-0.000 χ^2/NDF : 60978461848822

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

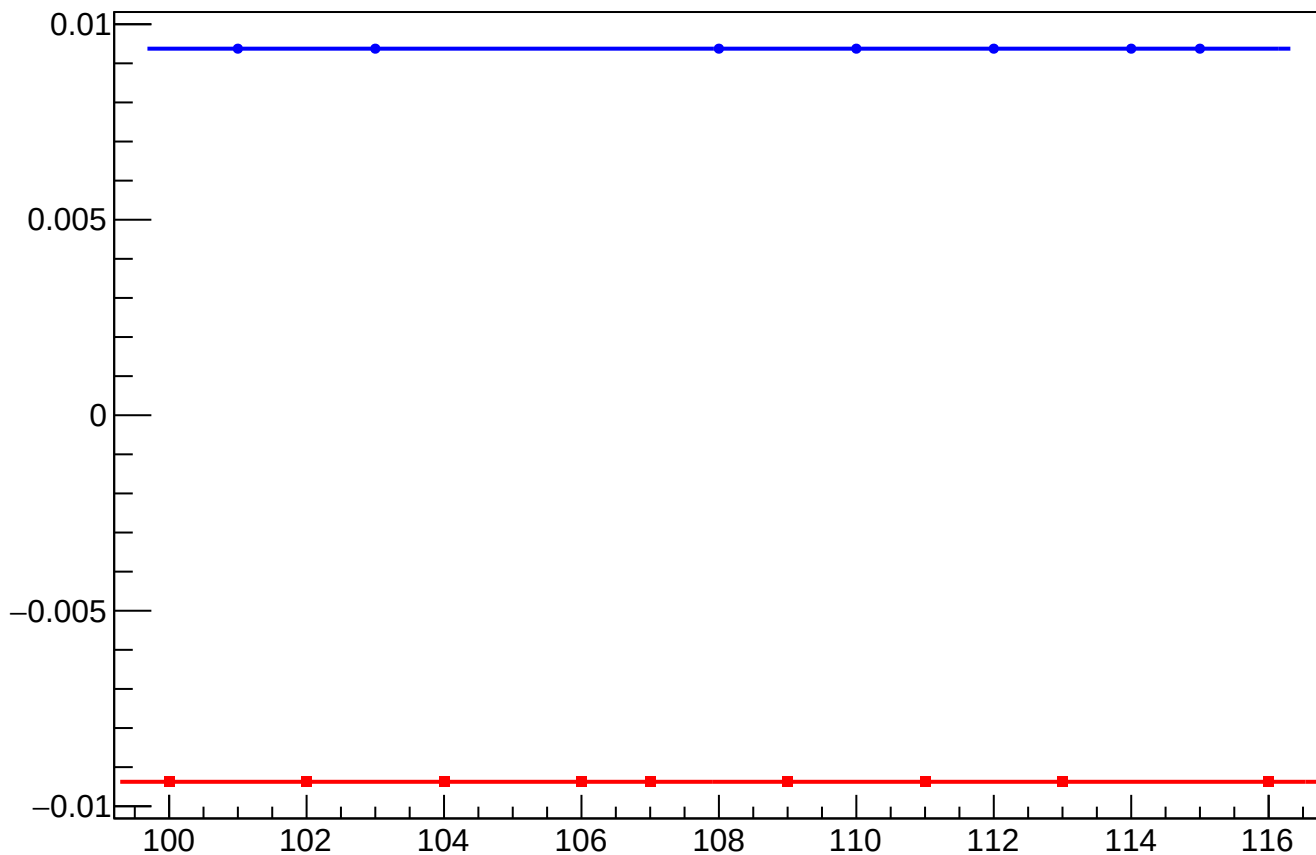
Right: -0.001+/-0.000 χ^2/NDF : 5605981935857802

In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5605981935857

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

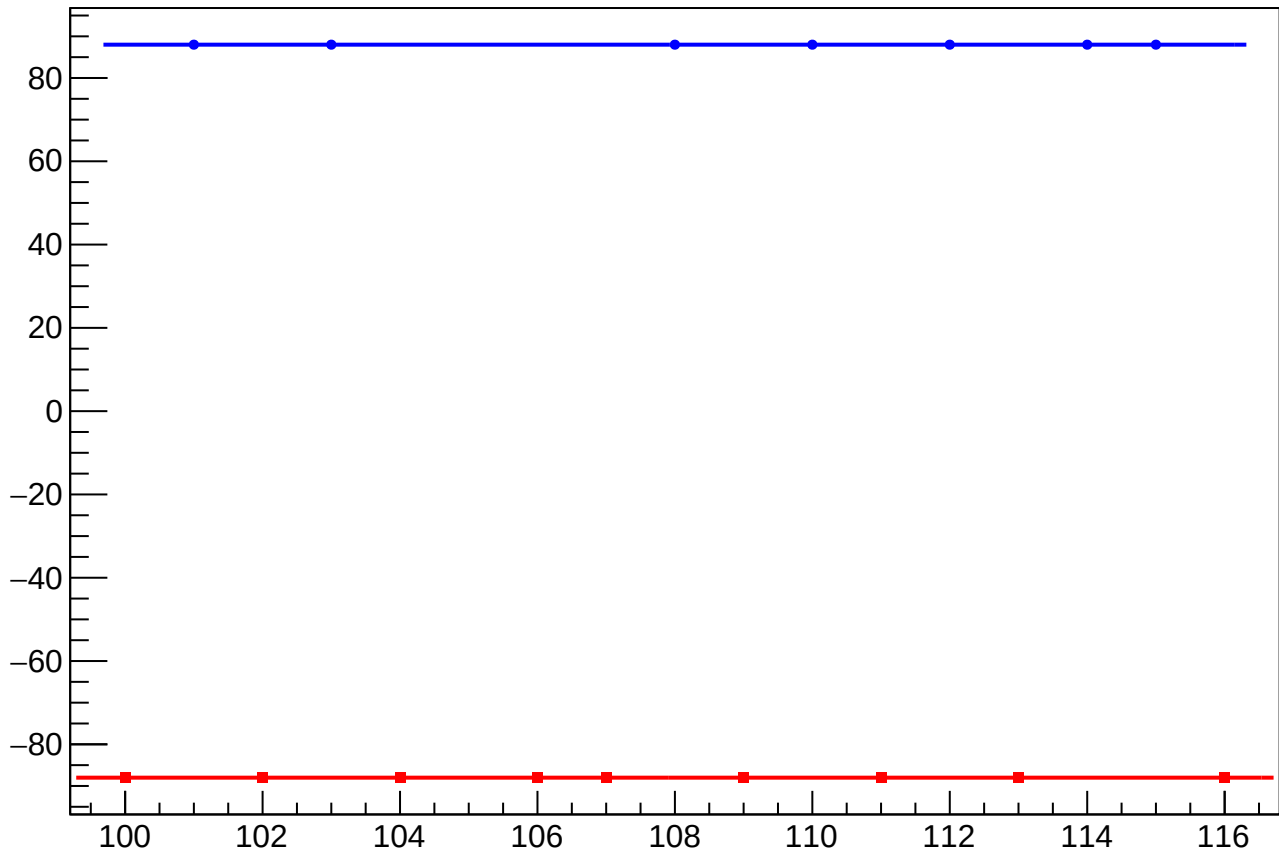
Right: -0.001+/-0.000 χ^2/NDF : 5605981935857802

In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5605981935857

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 515978.1/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.006+/-0.000 χ^2/NDF : 67048959157582529053451091968.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

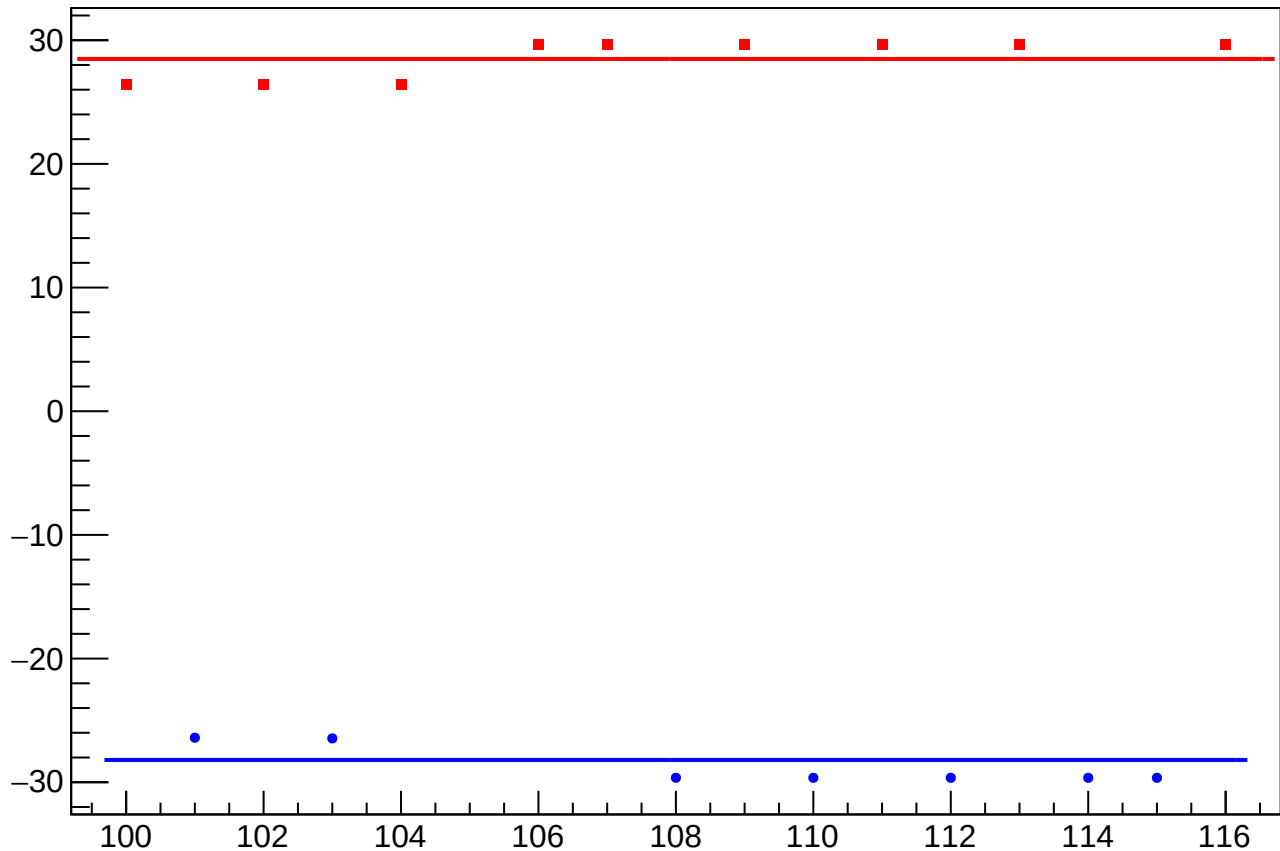
Right: -10.476+/-0.000 χ^2/NDF : 493980214040373

In: 88.001+/-0.000 χ^2/NDF : 515978.1/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

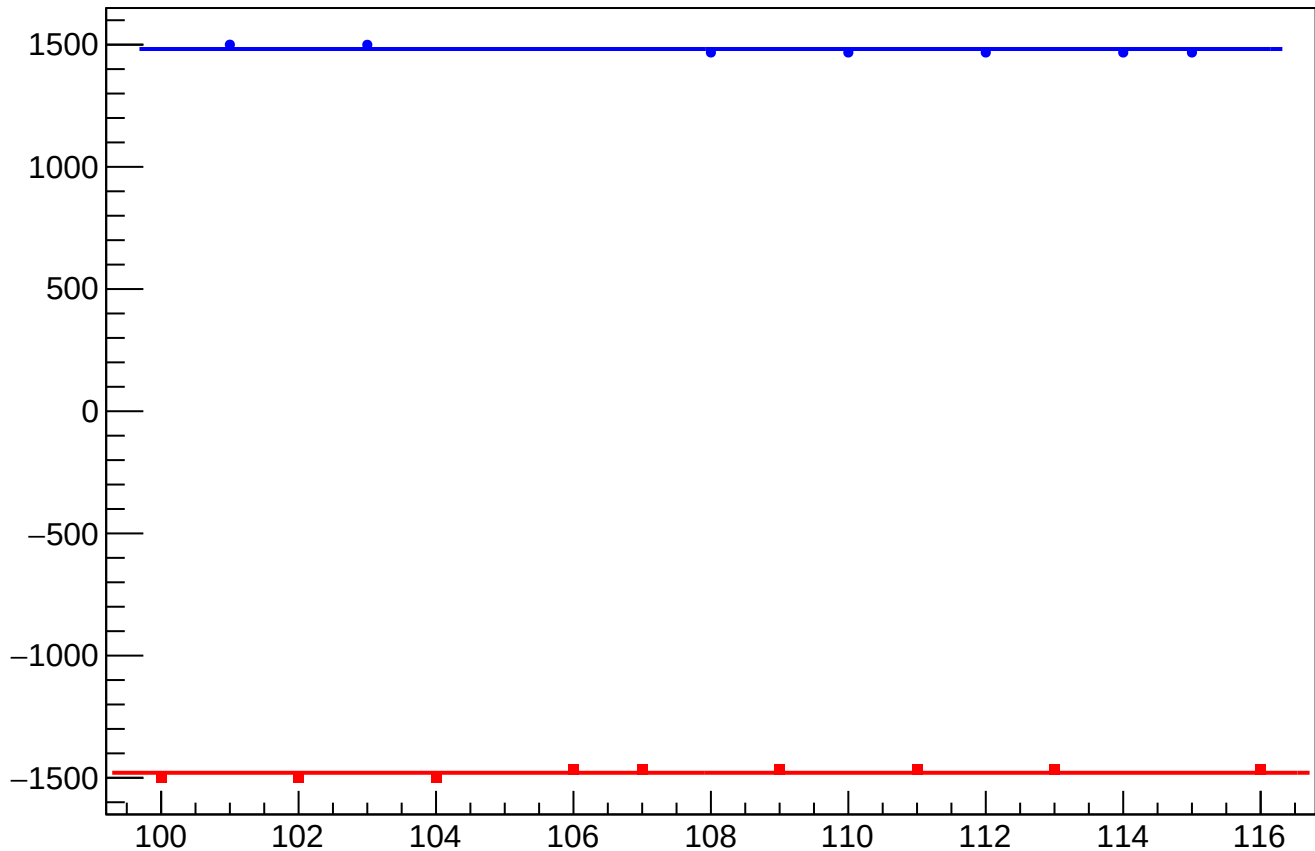
All: -10.476+/-0.000 χ^2/NDF : 493980214040

HWienAngle_mean vs Slug, Sign Corrected



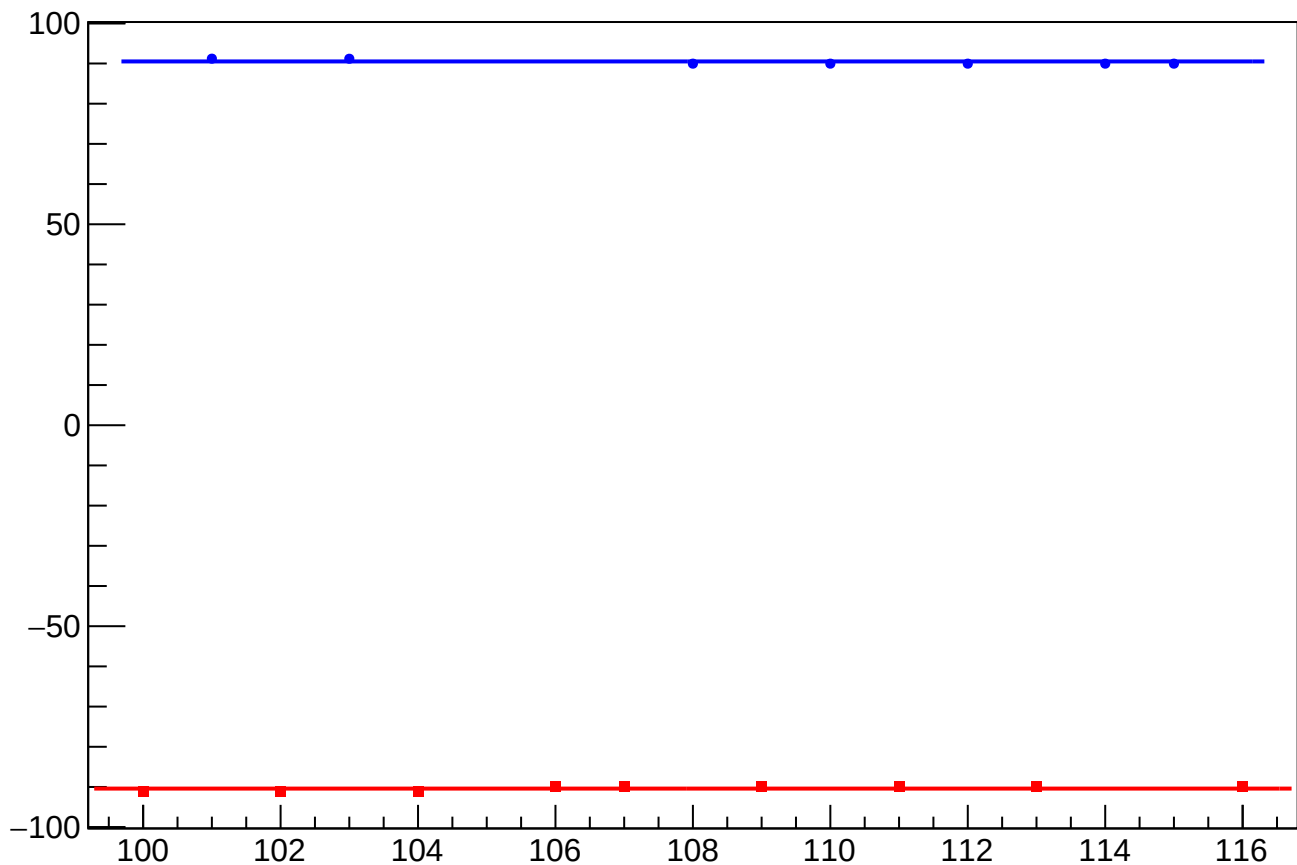
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 3.518+/-0.000 χ^2/NDF : 51393687608009323
Right In: -28.197+/-0.000 χ^2/NDF : 728773735939869260438095590850560.0/6
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 28.486+/-0.000 χ^2/NDF : 871619787845320913526505443688448.0/8
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 3.518+/-0.000 χ^2/NDF : 51393687608009323

psub_pl_pos_mean vs Slug, Sign Corrected



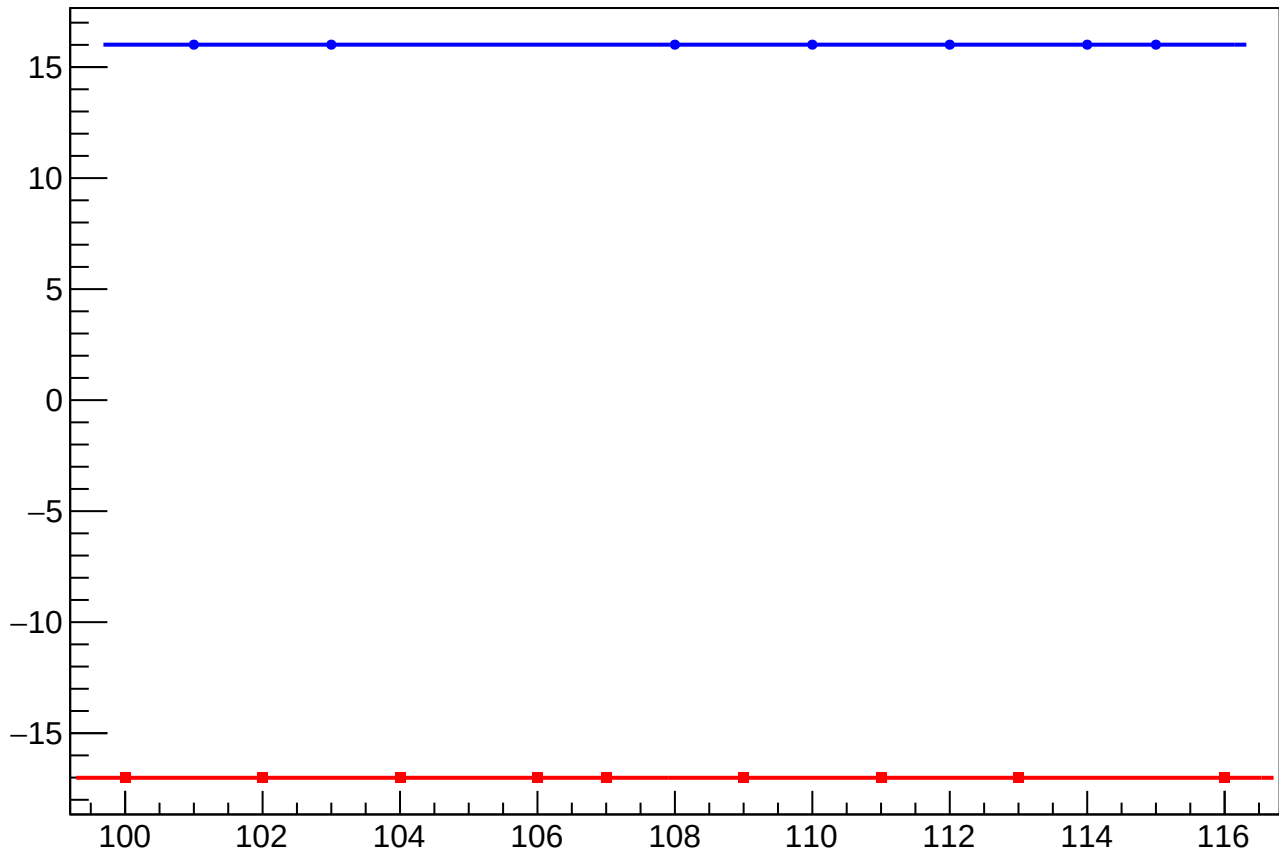
Right In: 1482.248+/-0.000 χ^2/NDF : 71184181104701259021715000745000960.0/6
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1479.390+/-0.000 χ^2/NDF : 85136905698730674361342158444691456.0/8
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -174.804+/-0.000 χ^2/NDF : 13988200415941

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.512+/-0.000 χ^2/NDF : 106744636524652520916797521657856.0/6
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.401+/-0.000 χ^2/NDF : 127667522651945266462474540941312.0/8
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -10.710+/-0.000 χ^2/NDF : 521925322117374

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 24006.6/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3249812534319022858043392.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

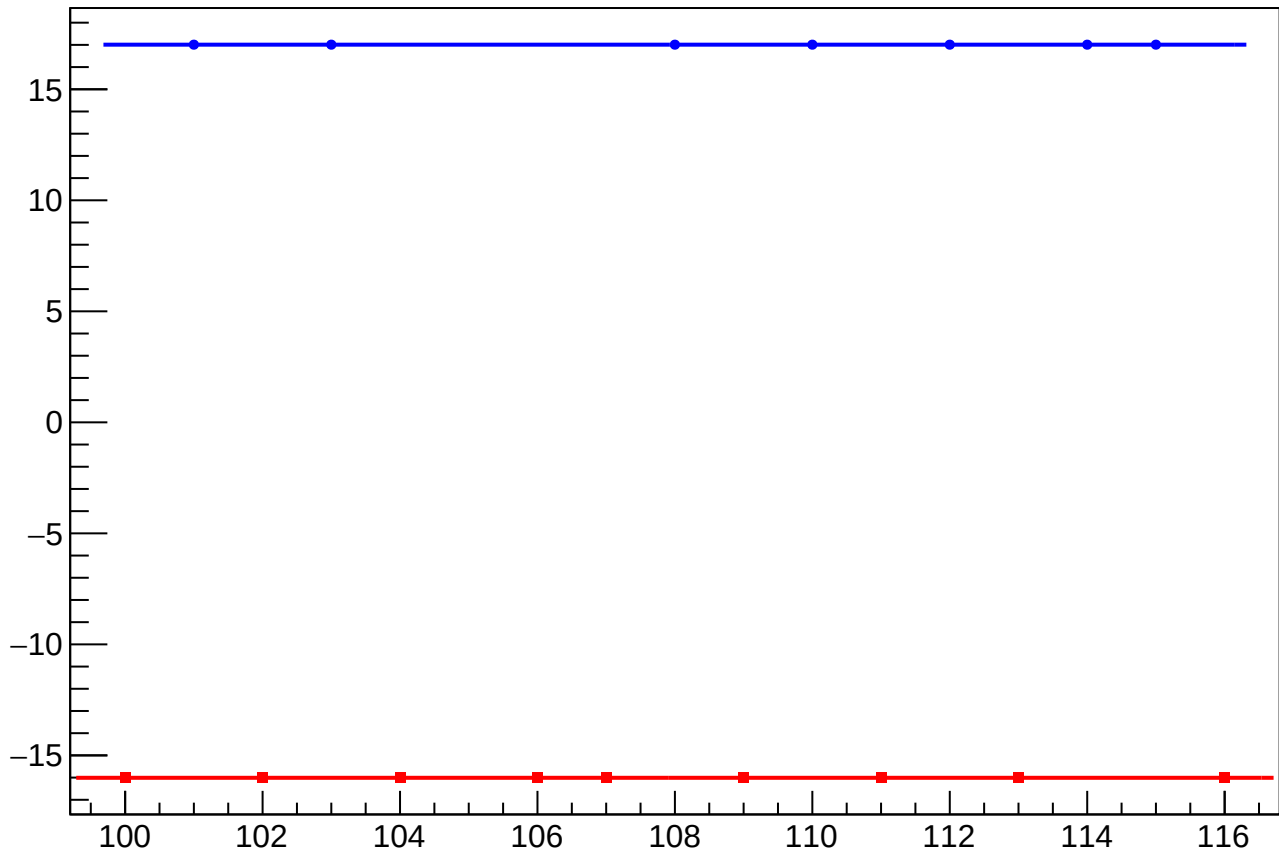
Right: -1.167+/-0.000 χ^2/NDF : 1616353772810568

In: 16.009+/-0.000 χ^2/NDF : 24006.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.167+/-0.000 χ^2/NDF : 1616353772810

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 22428.9/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 26341.6/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

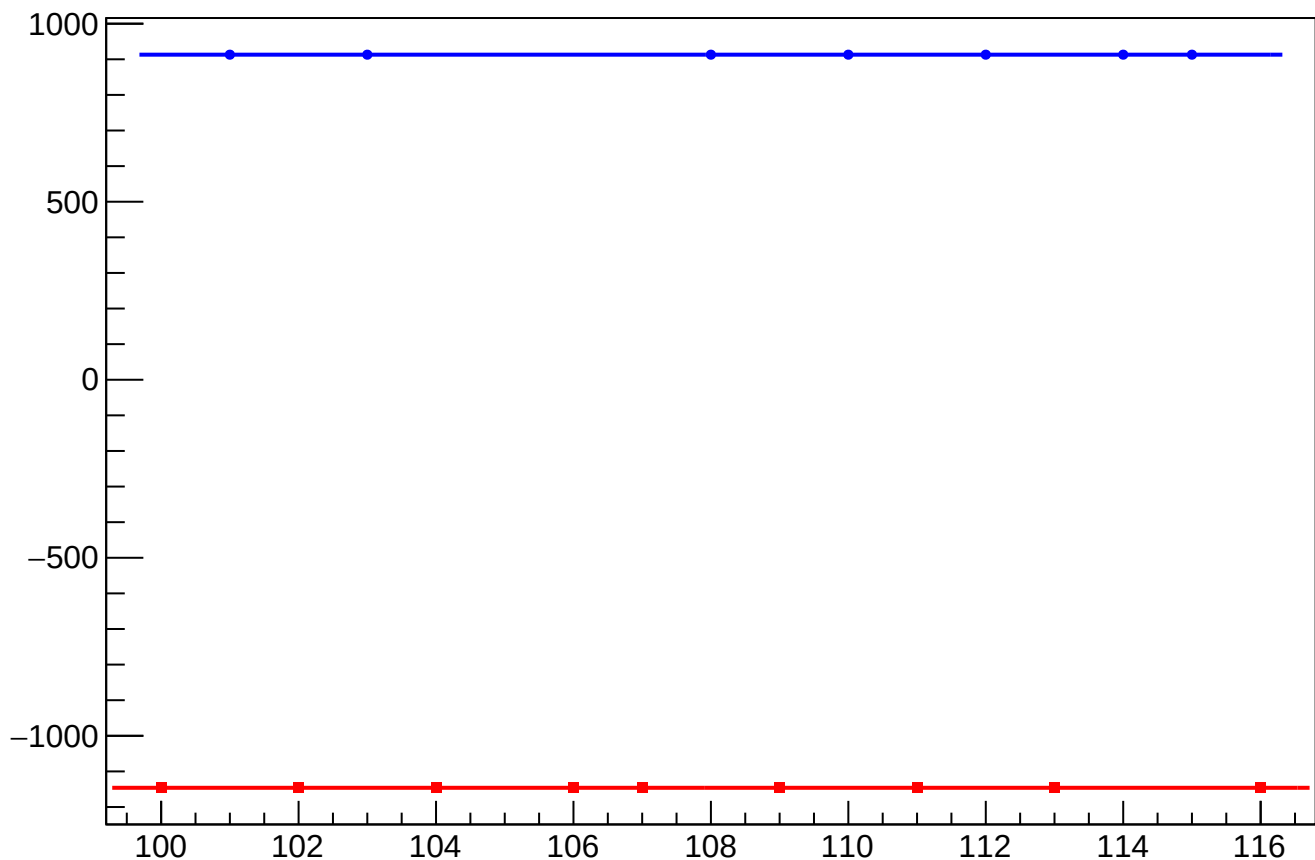
Right: -2.401+/-0.000 χ^2/NDF : 1608646845085438

In: 17.009+/-0.000 χ^2/NDF : 22428.9/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

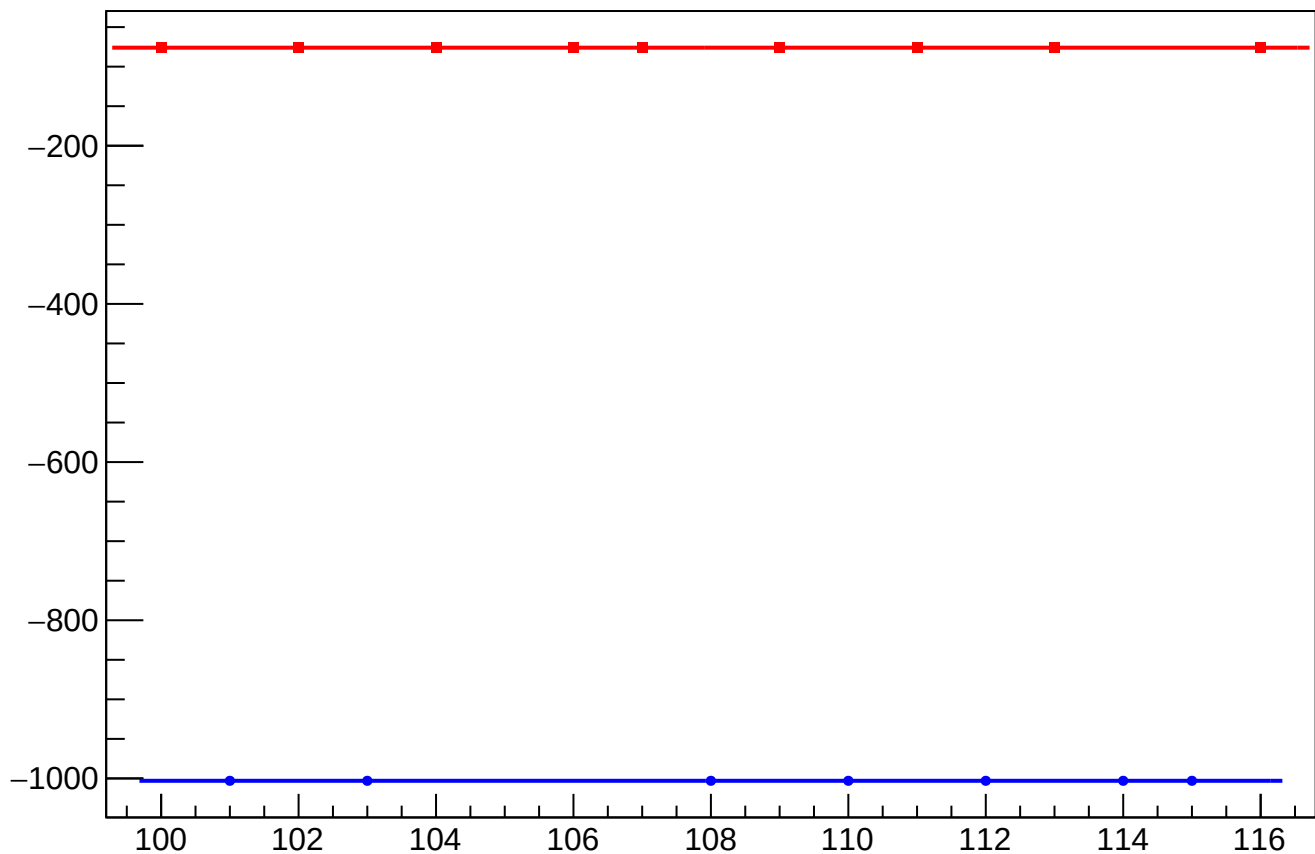
All: -2.401+/-0.000 χ^2/NDF : 1608646845085

RTPAPOSUCNT_mean vs Slug, Sign Corrected



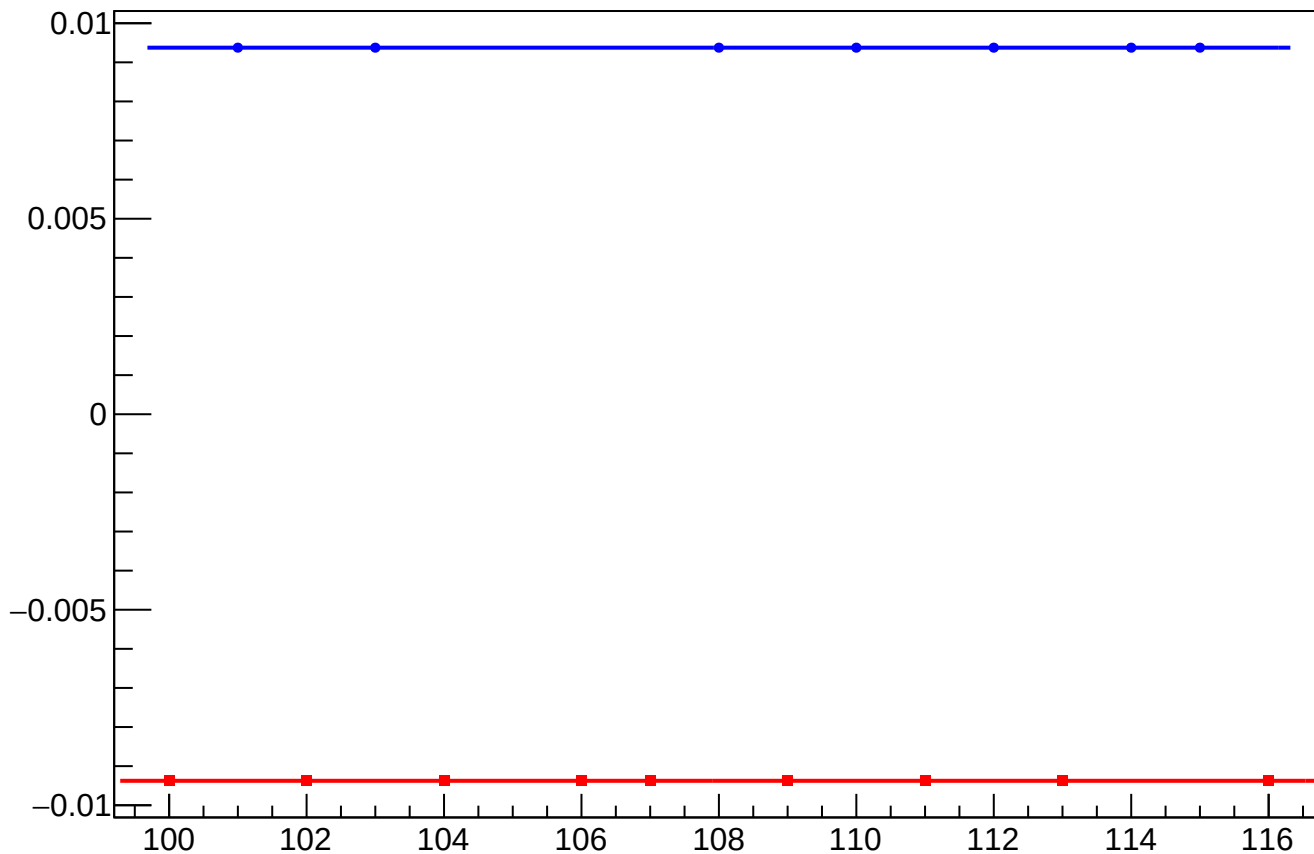
Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 2990327074789517397411758080.0/6
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1146.010 $\pm$ 0.000 χ^2 /NDF: 794849251727118988958760960.0/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -239.030 $\pm$ 0.000 χ^2 /NDF: 67602603744856

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.989+/-0.000 χ^2/NDF : 1211757640224099340147228672.0/6
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.009+/-0.000 χ^2/NDF : 3477961262734019764682752.0/8
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -484.339+/-0.000 χ^2/NDF : 13702180769771

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

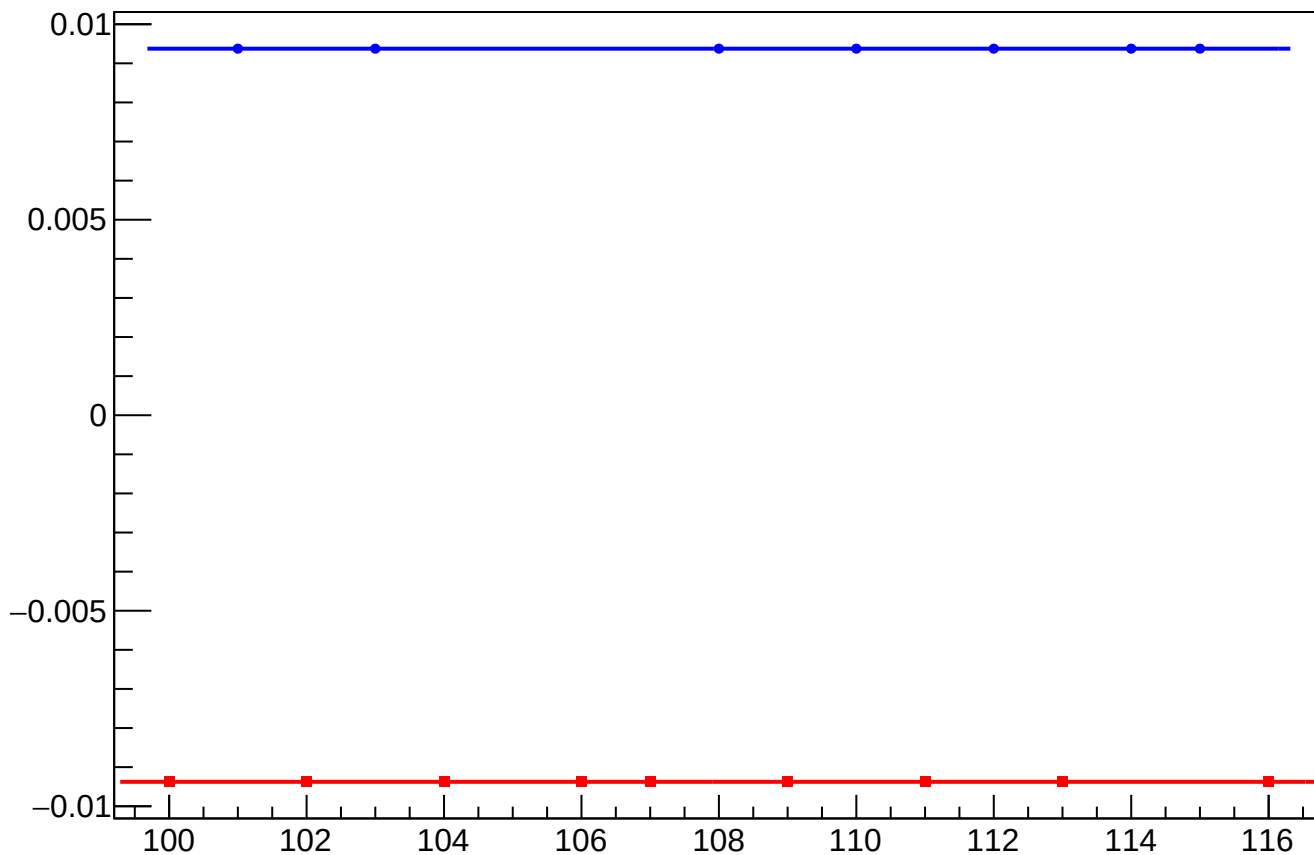
Right: -0.001+/-0.000 χ^2/NDF : 5605981935857802

In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5605981935857

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.001+/-0.000 χ^2/NDF : 5605981935857802

In: 0.009+/-0.000 χ^2/NDF : 0.0/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5605981935857