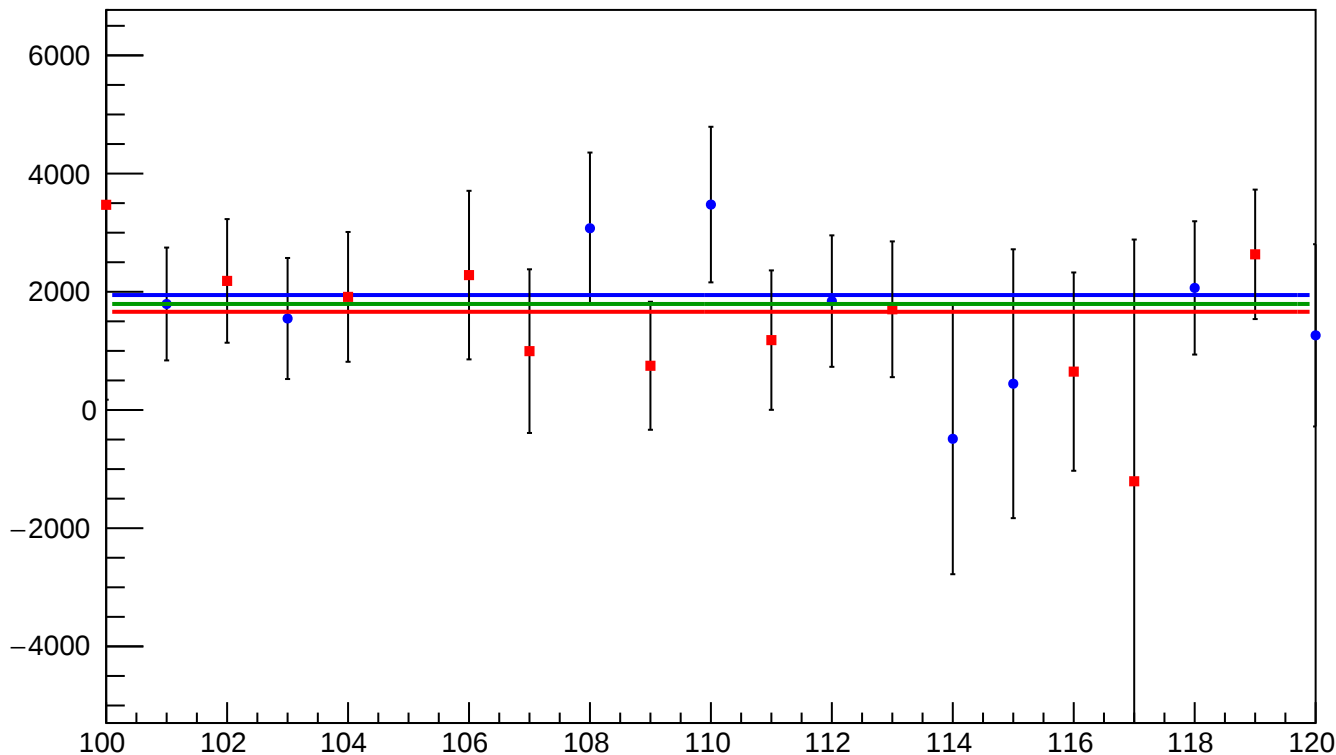


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1944.894+/-421.195 χ^2/NDF : 4.1/8

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

Right Out: 1661.493+/-394.463 χ^2/NDF : 3.5/10

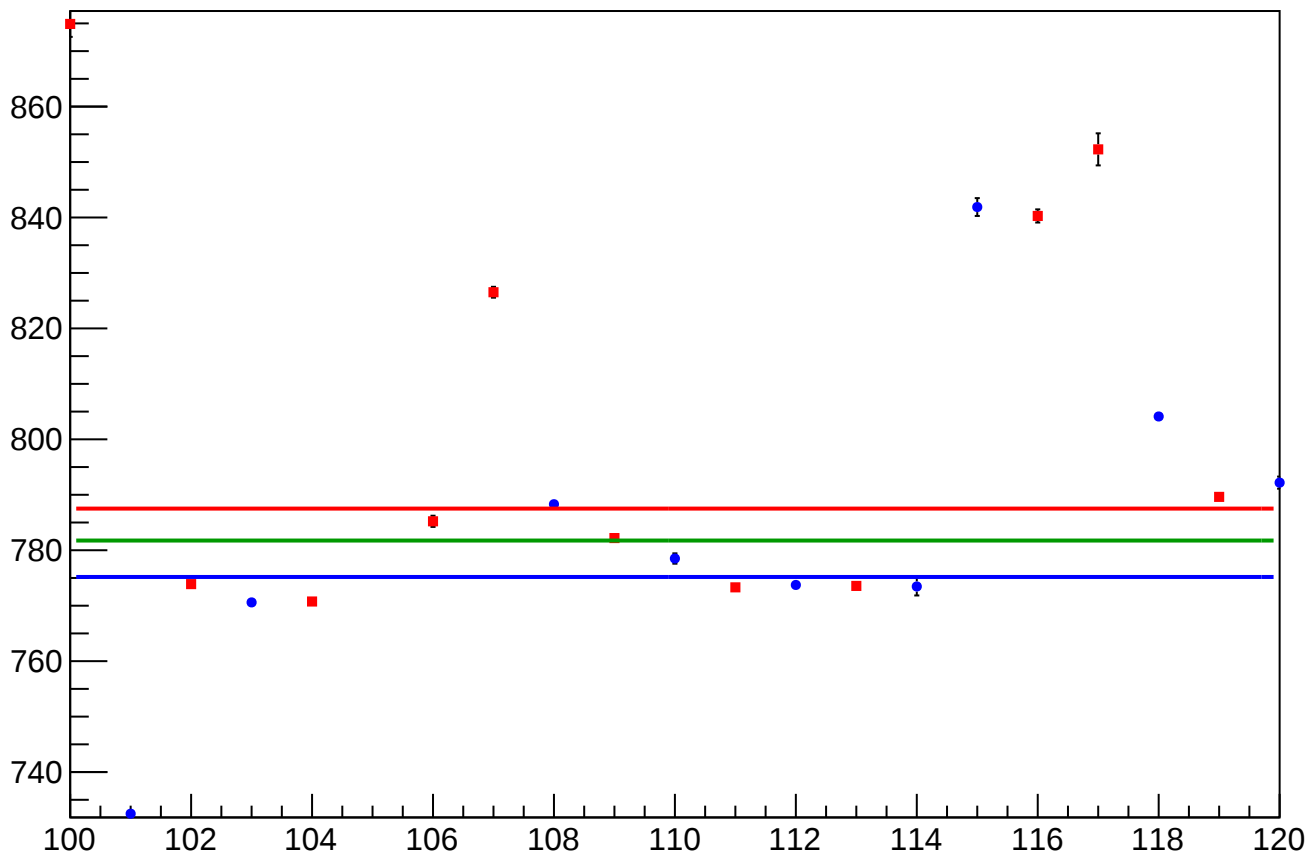
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1944.894+/-421.195 χ^2/NDF : 4.1/8

1793.915+/-287.914 χ^2/NDF : 7.9/19

1661.493+/-394.463 χ^2/NDF : 3.5/10

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 775.181+/-0.298 χ^2/NDF : 7547.3/8

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

Right Out: 787.509+/-0.279 χ^2/NDF : 6922.7/10

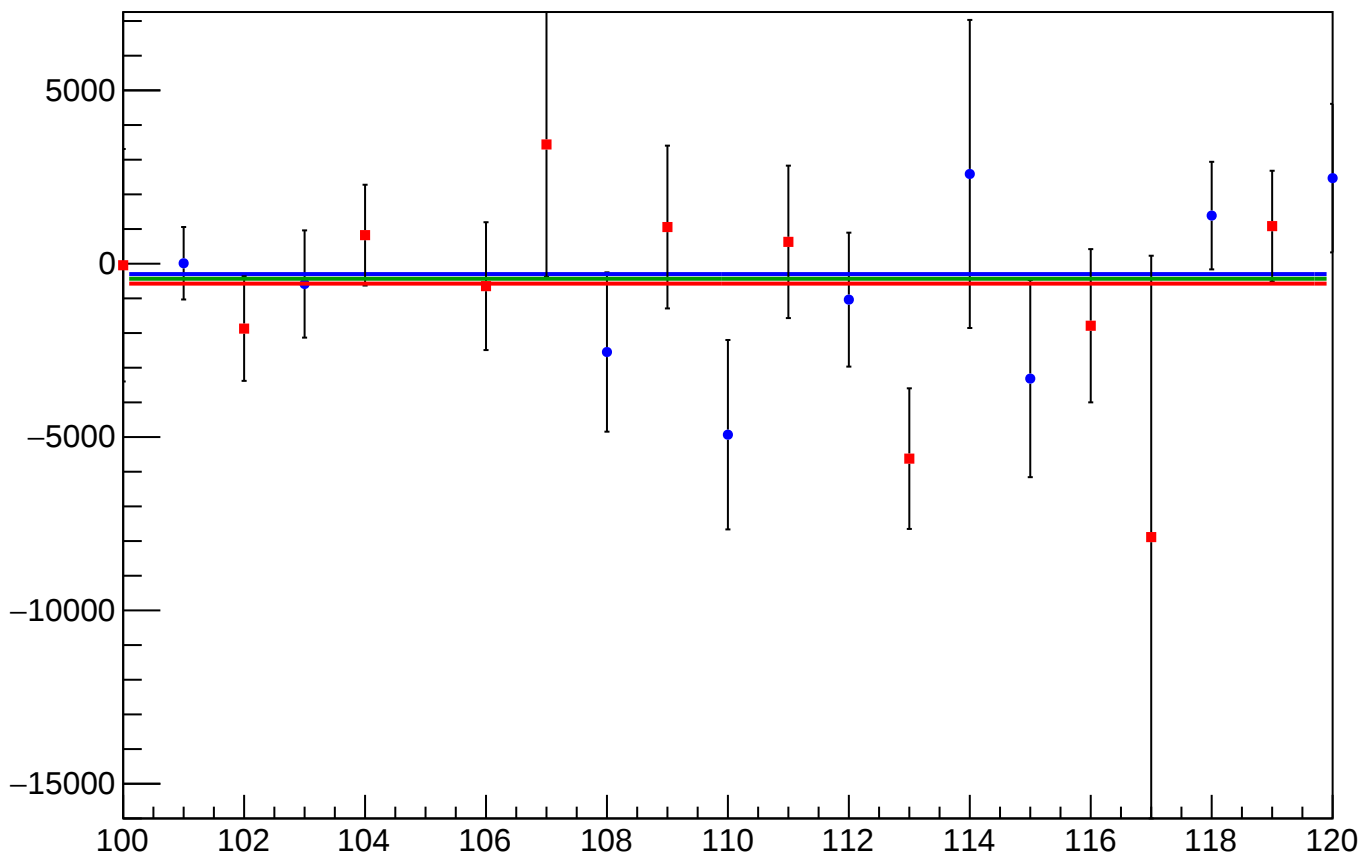
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

775.181+/-0.298 χ^2/NDF : 7547.3/8

781.749+/-0.204 χ^2/NDF : 15382.8/19

787.509+/-0.279 χ^2/NDF : 6922.7/10

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.474+/-604.948 χ^2/NDF : 8.5/8

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

Right Out: -574.286+/-619.122 χ^2/NDF : 12.0/10

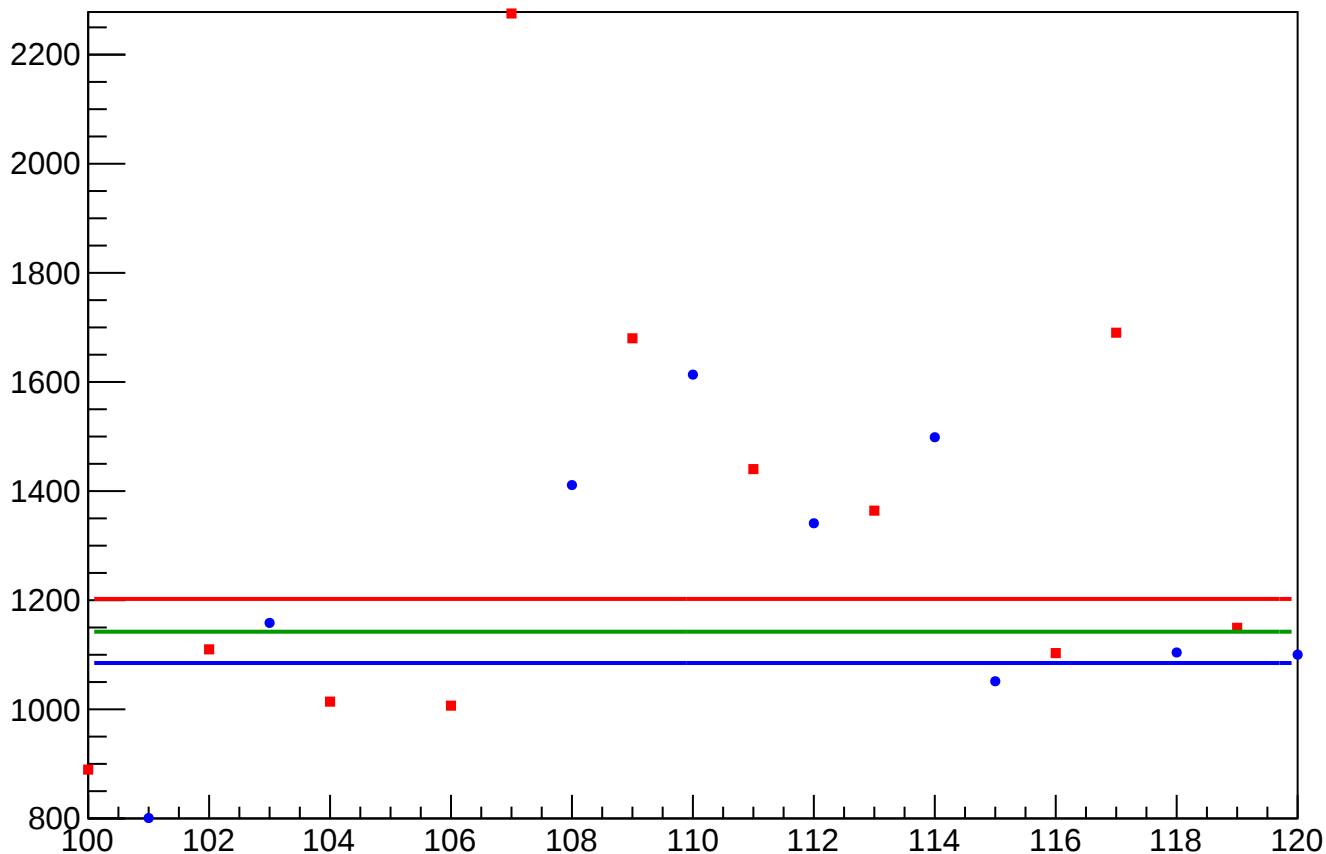
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-299.474+/-604.948 χ^2/NDF : 8.5/8

-433.698+/-432.687 χ^2/NDF : 20.6/19

-574.286+/-619.122 χ^2/NDF : 12.0/10

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1084.904 ± 0.428 $\chi^2/\text{NDF}: 320736.0/8$

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

Right Out: 1202.336 ± 0.438 $\chi^2/\text{NDF}: 371224.9/10$

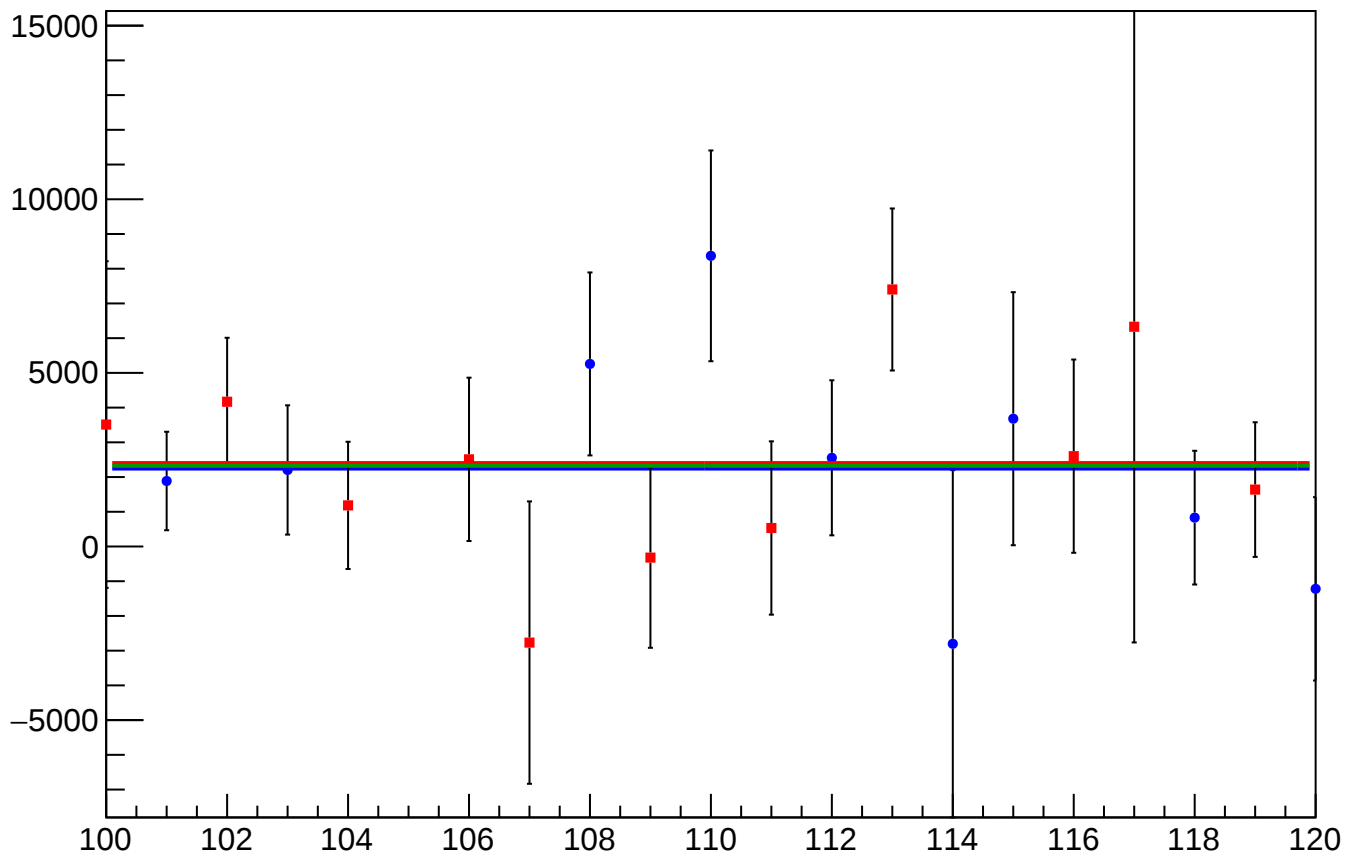
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1084.904 ± 0.428 $\chi^2/\text{NDF}: 320736.0/8$

1142.260 ± 0.306 $\chi^2/\text{NDF}: 728770.2/19$

1202.336 ± 0.438 $\chi^2/\text{NDF}: 371224.9/10$

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2244.607+/-752.235 χ^2/NDF : 8.9/8

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

Right Out: 2402.401+/-749.738 χ^2/NDF : 9.6/10

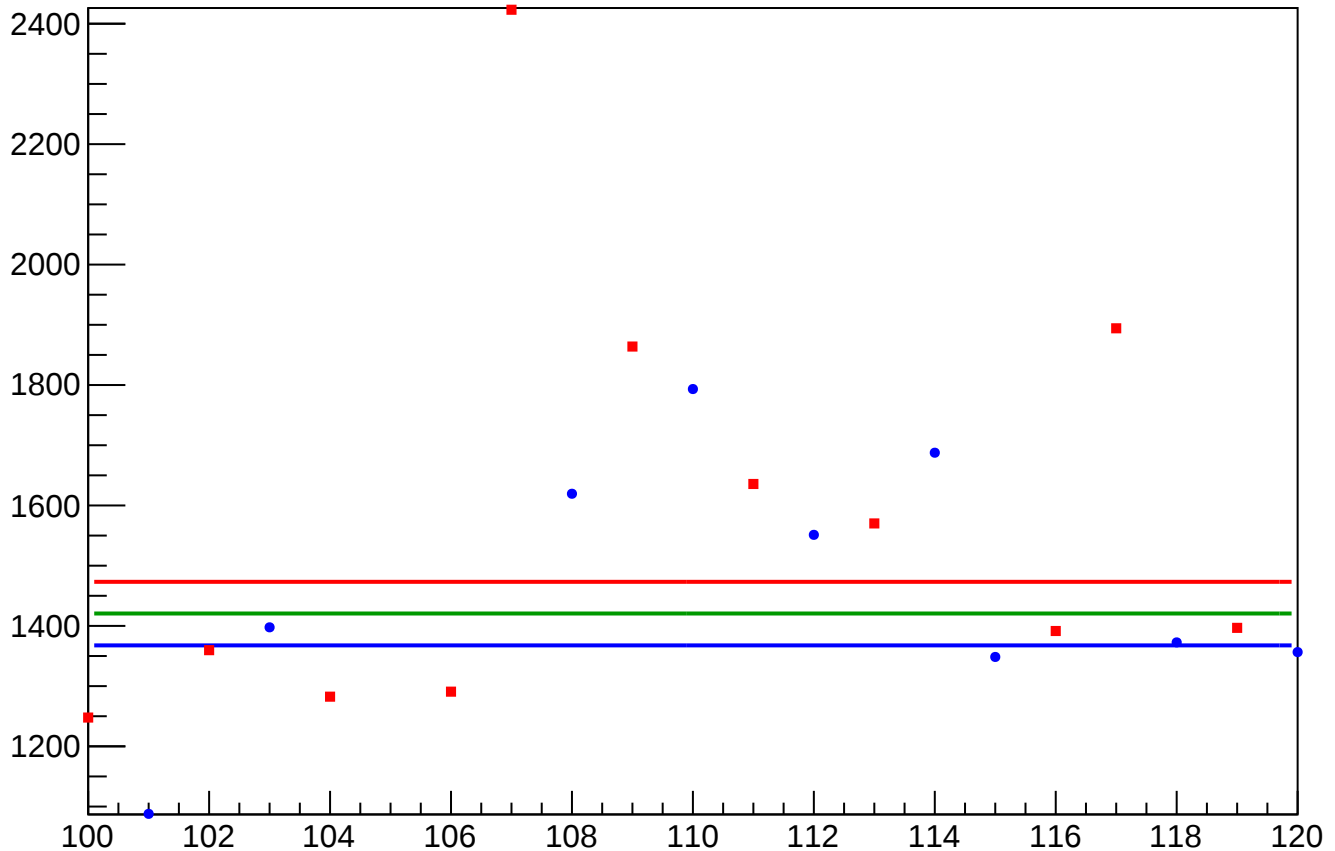
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2244.607+/-752.235 χ^2/NDF : 8.9/8

2323.766+/-531.026 χ^2/NDF : 18.6/19

2402.401+/-749.738 χ^2/NDF : 9.6/10

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1367.638 $\pm$ 0.532 χ^2 /NDF: 157758.9/8

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

Right Out: 1473.196 $\pm$ 0.530 χ^2 /NDF: 221350.2/10

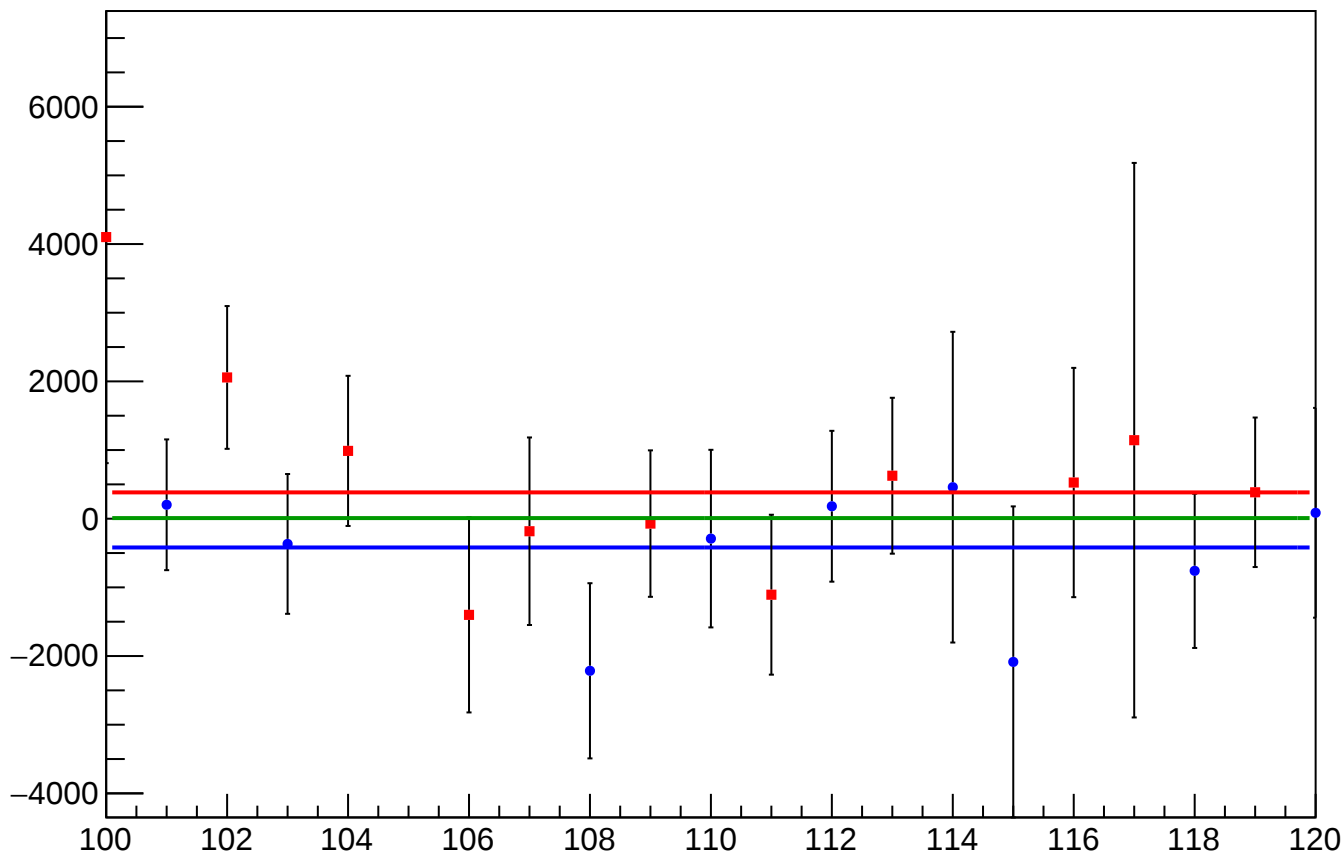
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1367.638 $\pm$ 0.532 χ^2 /NDF: 157758.9/8

1420.592 $\pm$ 0.375 χ^2 /NDF: 398866.0/19

1473.196 $\pm$ 0.530 χ^2 /NDF: 221350.2/10

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -418.914+/-418.091 χ^2/NDF : 3.6/8

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

Right Out: 383.226+/-390.975 χ^2/NDF : 7.8/10

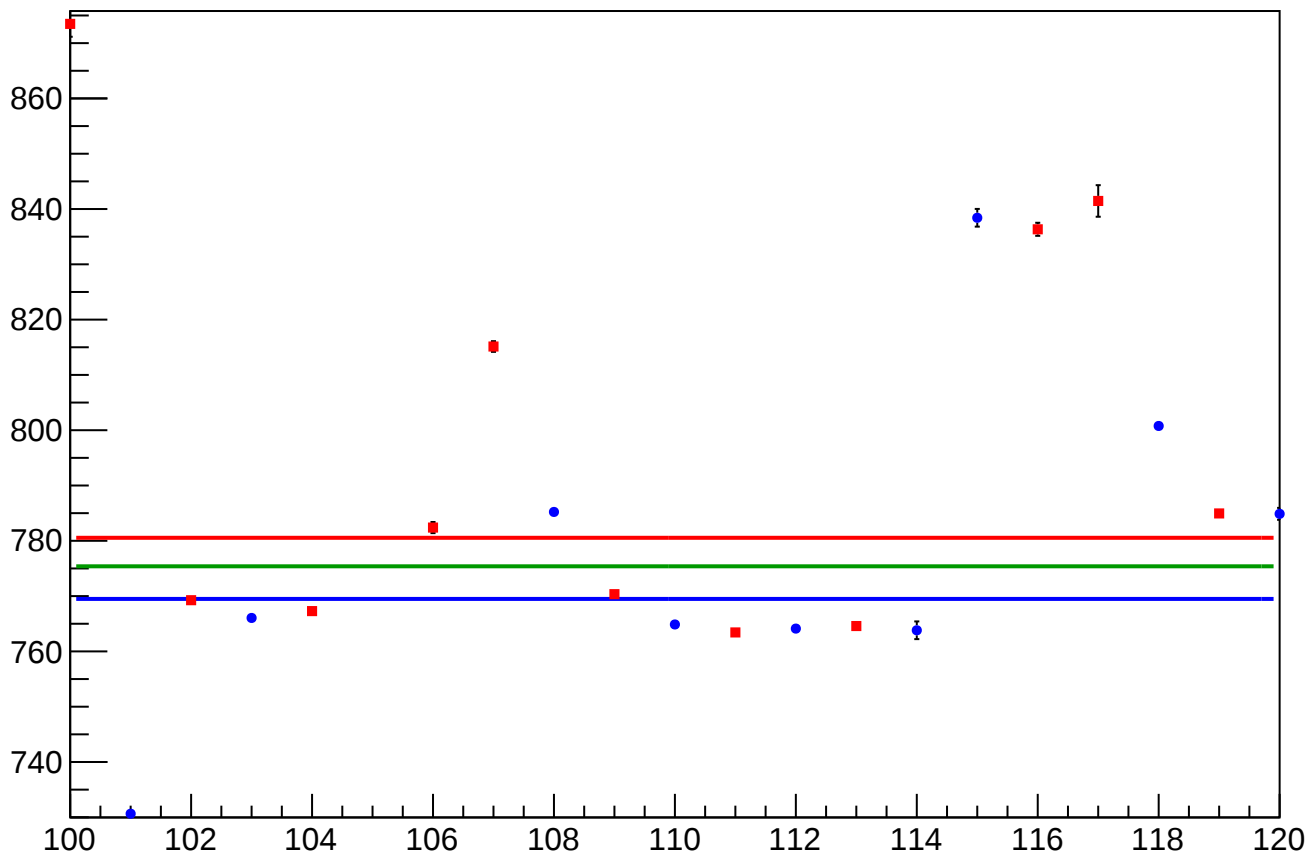
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-418.914+/-418.091 χ^2/NDF : 3.6/8

9.010+/-285.567 χ^2/NDF : 13.4/19

383.226+/-390.975 χ^2/NDF : 7.8/10

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.490 $\pm$ 0.296 χ^2 /NDF: 7347.6/8

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

Right Out: 780.546 $\pm$ 0.276 χ^2 /NDF: 7140.7/10

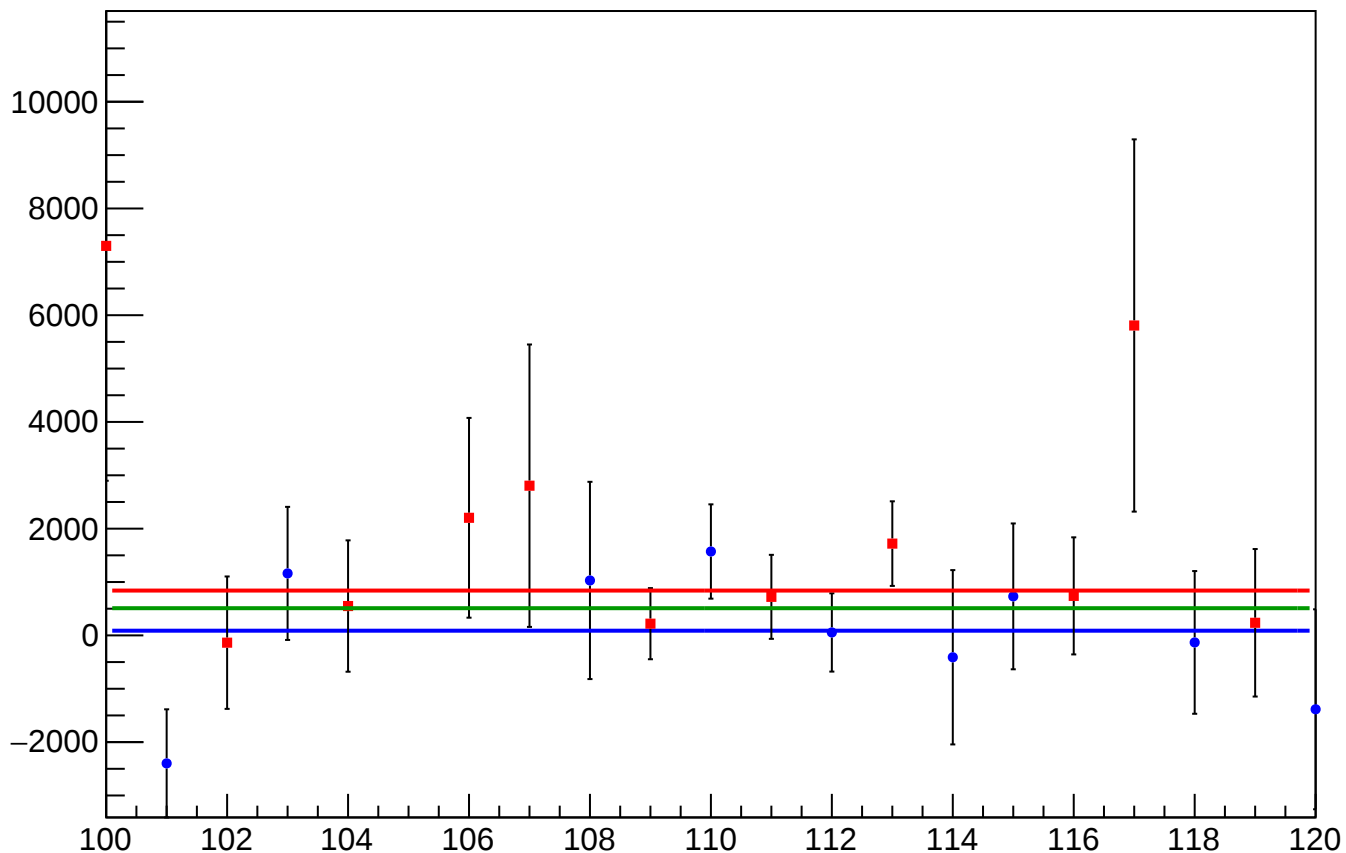
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

769.490 $\pm$ 0.296 χ^2 /NDF: 7347.6/8

775.388 $\pm$ 0.202 χ^2 /NDF: 15234.3/19

780.546 $\pm$ 0.276 χ^2 /NDF: 7140.7/10

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 87.868 $\pm$ 383.378 χ^2/NDF : 10.8/8

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

Right Out: 839.988 $\pm$ 339.359 χ^2/NDF : 8.3/10

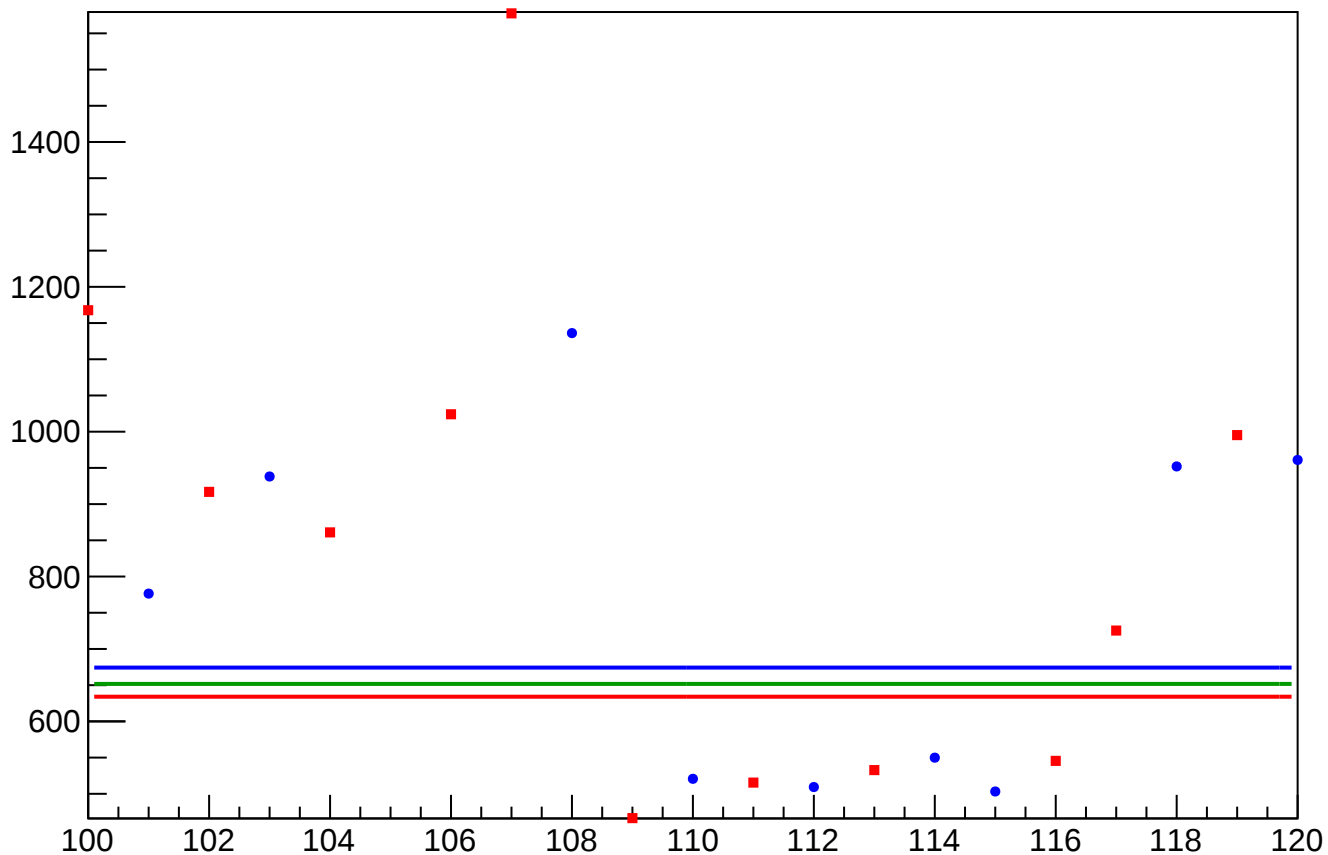
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

87.868 $\pm$ 383.378 χ^2/NDF : 10.8/8

509.567 $\pm$ 254.107 χ^2/NDF : 21.2/19

839.988 $\pm$ 339.359 χ^2/NDF : 8.3/10

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 674.279+/-0.271 χ^2/NDF : 572373.6/8

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

Right Out: 634.071+/-0.240 χ^2/NDF : 898041.1/10

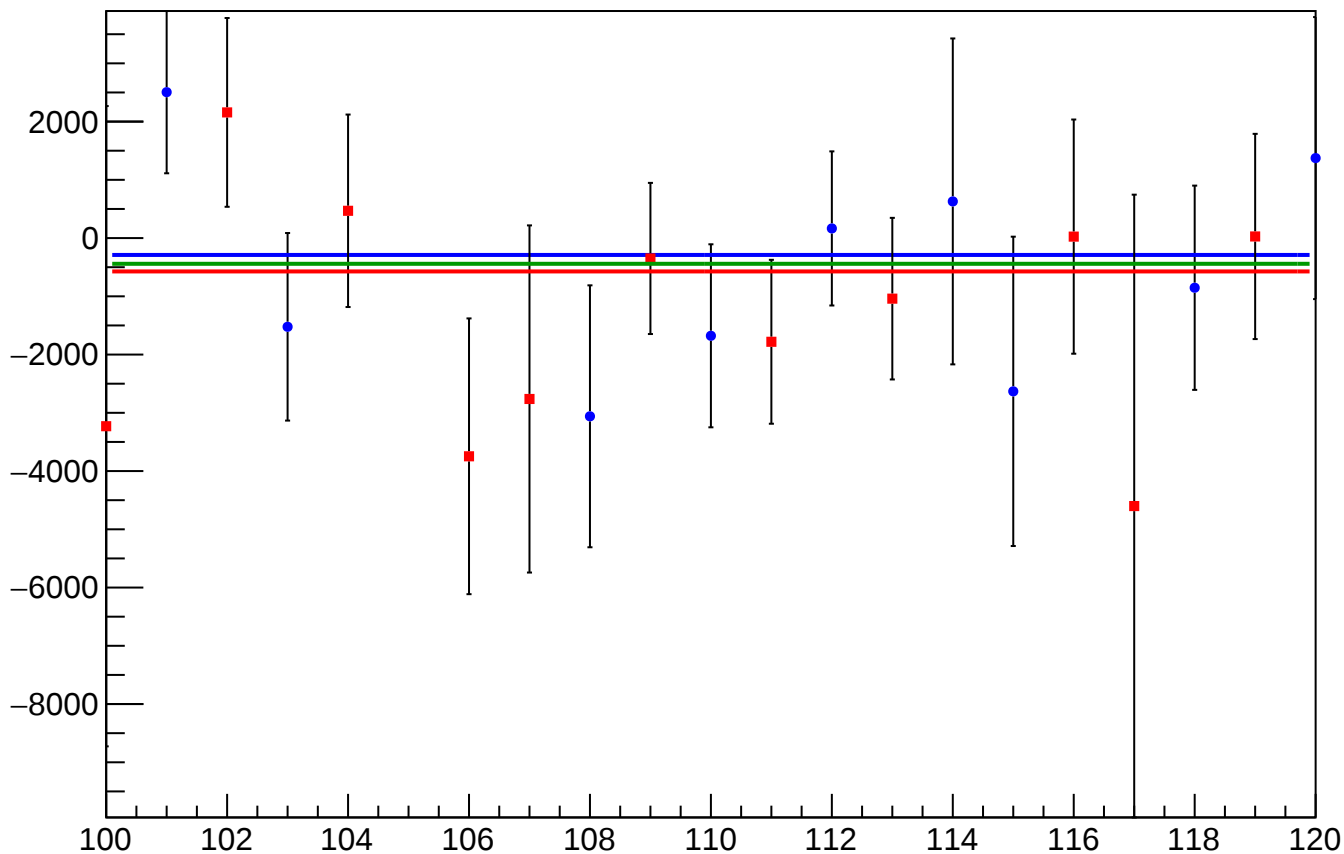
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

674.279+/-0.271 χ^2/NDF : 572373.6/8

651.735+/-0.180 χ^2/NDF : 1482748.6/19

634.071+/-0.240 χ^2/NDF : 898041.1/10

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -289.517+/-593.314 χ^2/NDF : 8.5/8

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

Right Out: -572.664+/-550.932 χ^2/NDF : 7.5/10

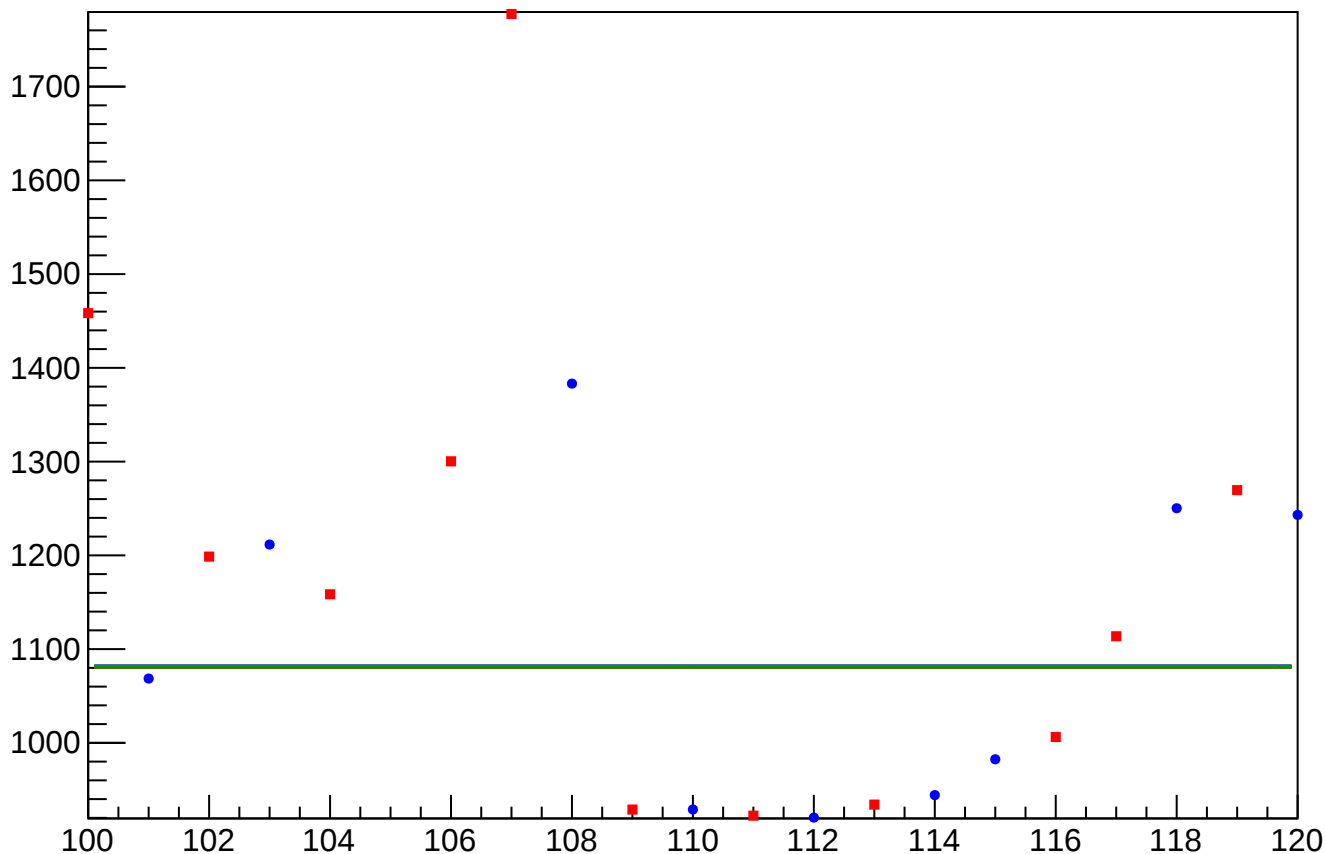
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-289.517+/-593.314 χ^2/NDF : 8.5/8

-441.564+/-403.721 χ^2/NDF : 16.1/19

-572.664+/-550.932 χ^2/NDF : 7.5/10

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1081.557 $\pm$ 0.420 χ^2 /NDF: 132807.6/8

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

Right Out: 1080.937 $\pm$ 0.390 χ^2 /NDF: 251871.1/10

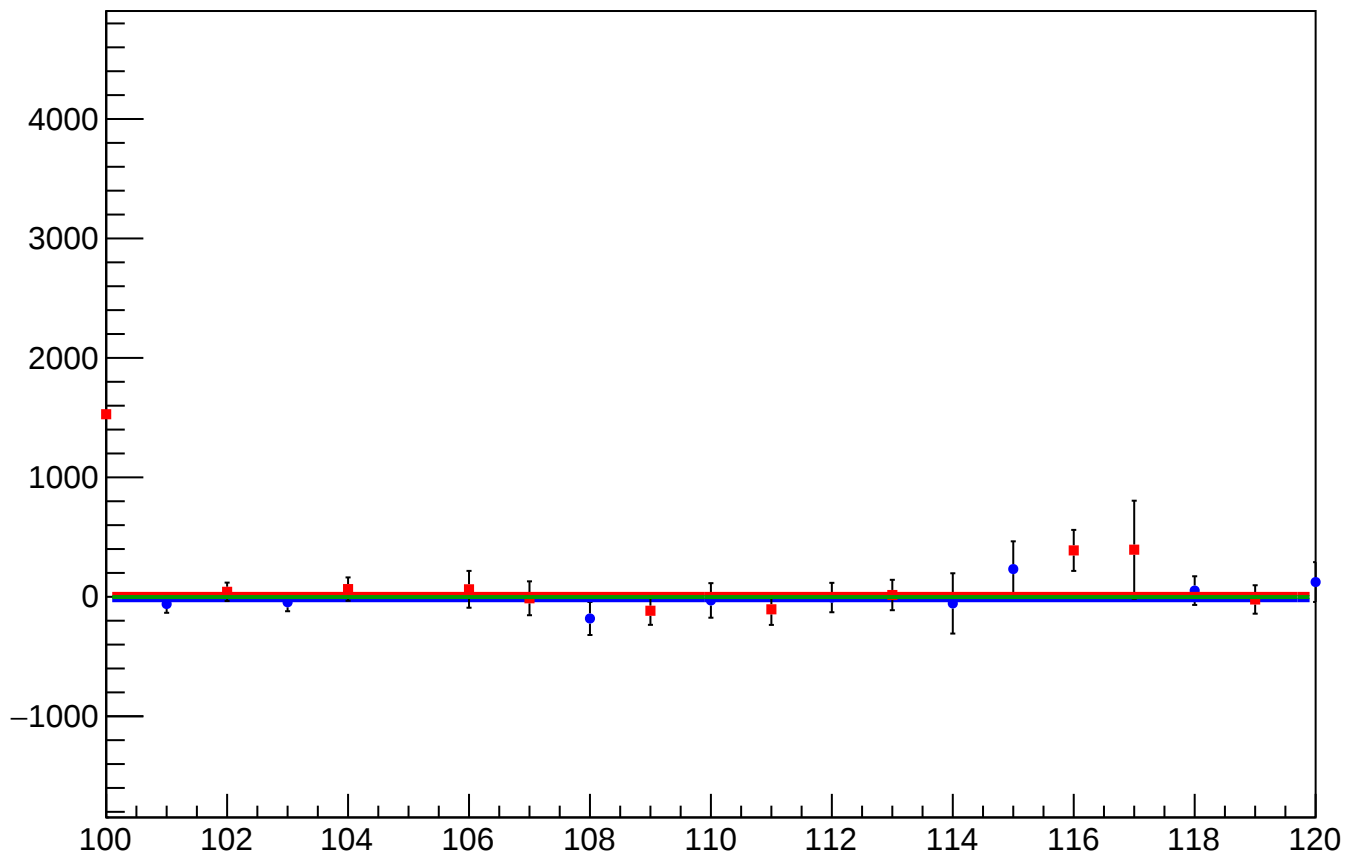
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1081.557 $\pm$ 0.420 χ^2 /NDF: 132807.6/8

1081.224 $\pm$ 0.285 χ^2 /NDF: 384679.8/19

1080.937 $\pm$ 0.390 χ^2 /NDF: 251871.1/10

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -28.501+/-38.713 χ^2/NDF : 4.1/8

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

Right Out: 24.535+/-38.702 χ^2/NDF : 8.4/10

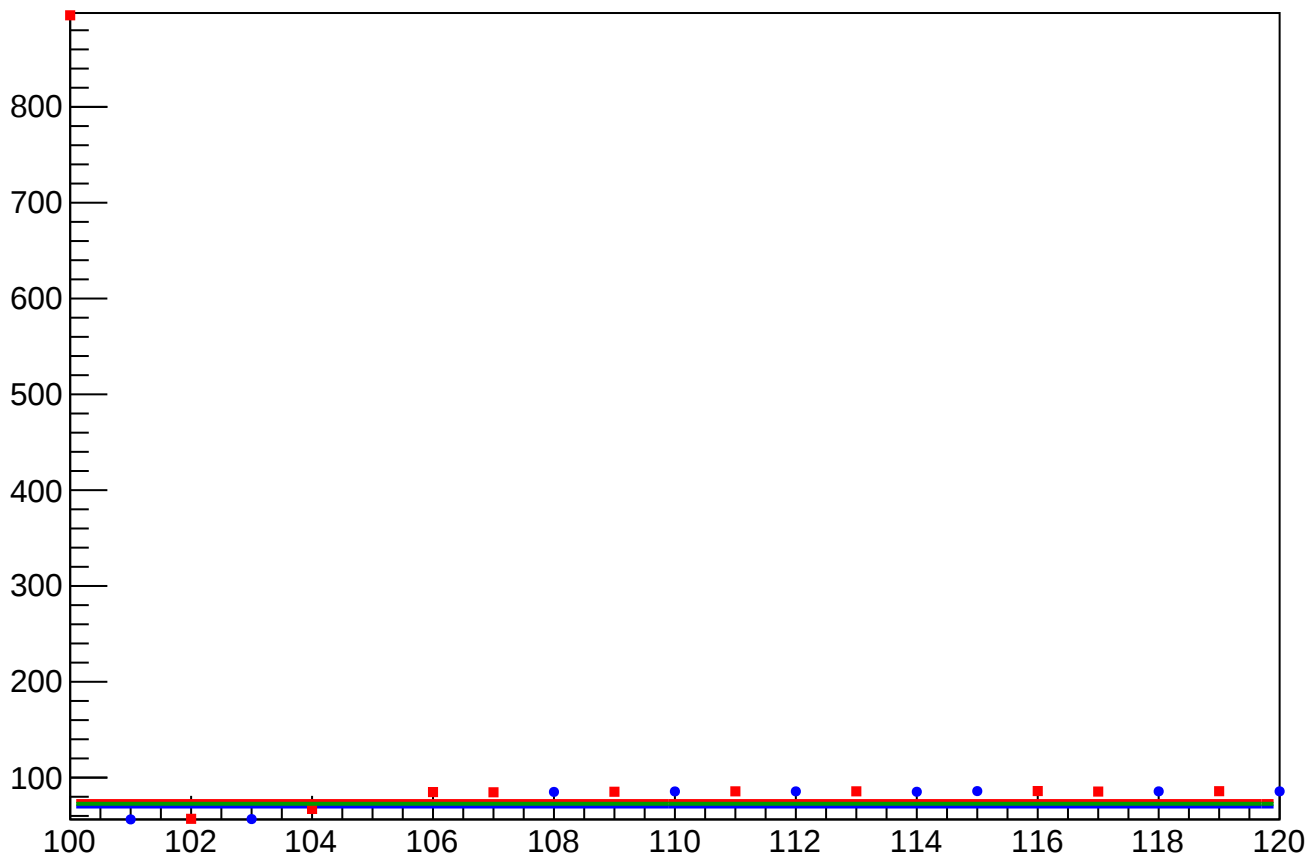
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.501+/-38.713 χ^2/NDF : 4.1/8

-1.976+/-27.370 χ^2/NDF : 13.4/19

24.535+/-38.702 χ^2/NDF : 8.4/10

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 69.821+/-0.027 χ^2/NDF : 278325.3/8

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

Right Out: 75.515+/-0.027 χ^2/NDF : 325705.3/10

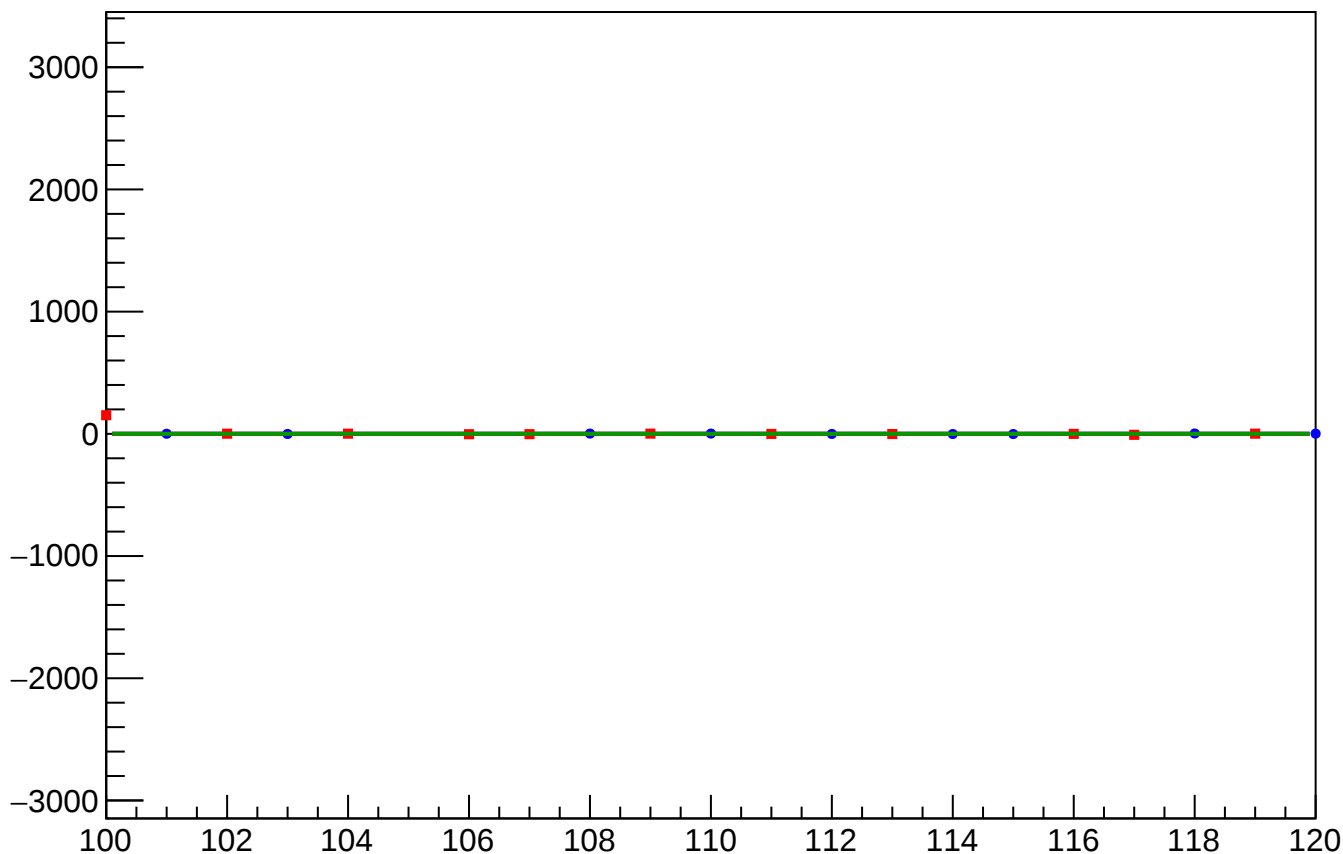
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.821+/-0.027 χ^2/NDF : 278325.3/8

72.669+/-0.019 χ^2/NDF : 625667.1/19

75.515+/-0.027 χ^2/NDF : 325705.3/10

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.598 $\pm$ 0.632 χ^2 /NDF: 5.0/8

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

Right Out: 0.128 $\pm$ 0.673 χ^2 /NDF: 5.8/10

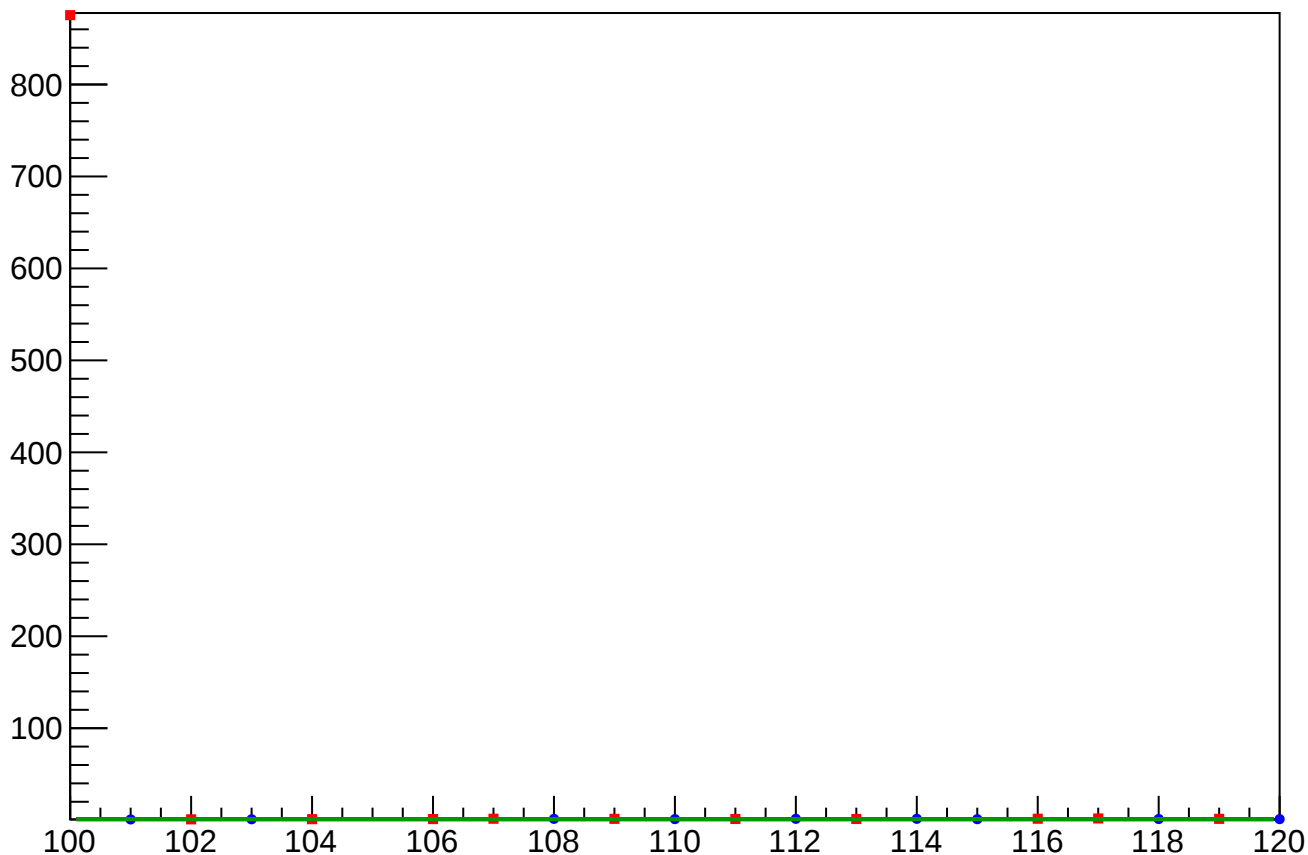
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.598 $\pm$ 0.632 χ^2 /NDF: 5.0/8

0.378 $\pm$ 0.461 χ^2 /NDF: 11.0/19

0.128 $\pm$ 0.673 χ^2 /NDF: 5.8/10

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.040+/-0.000 χ^2/NDF : 279678.2/8

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

Right Out: 1.206+/-0.000 χ^2/NDF : 386216.6/10

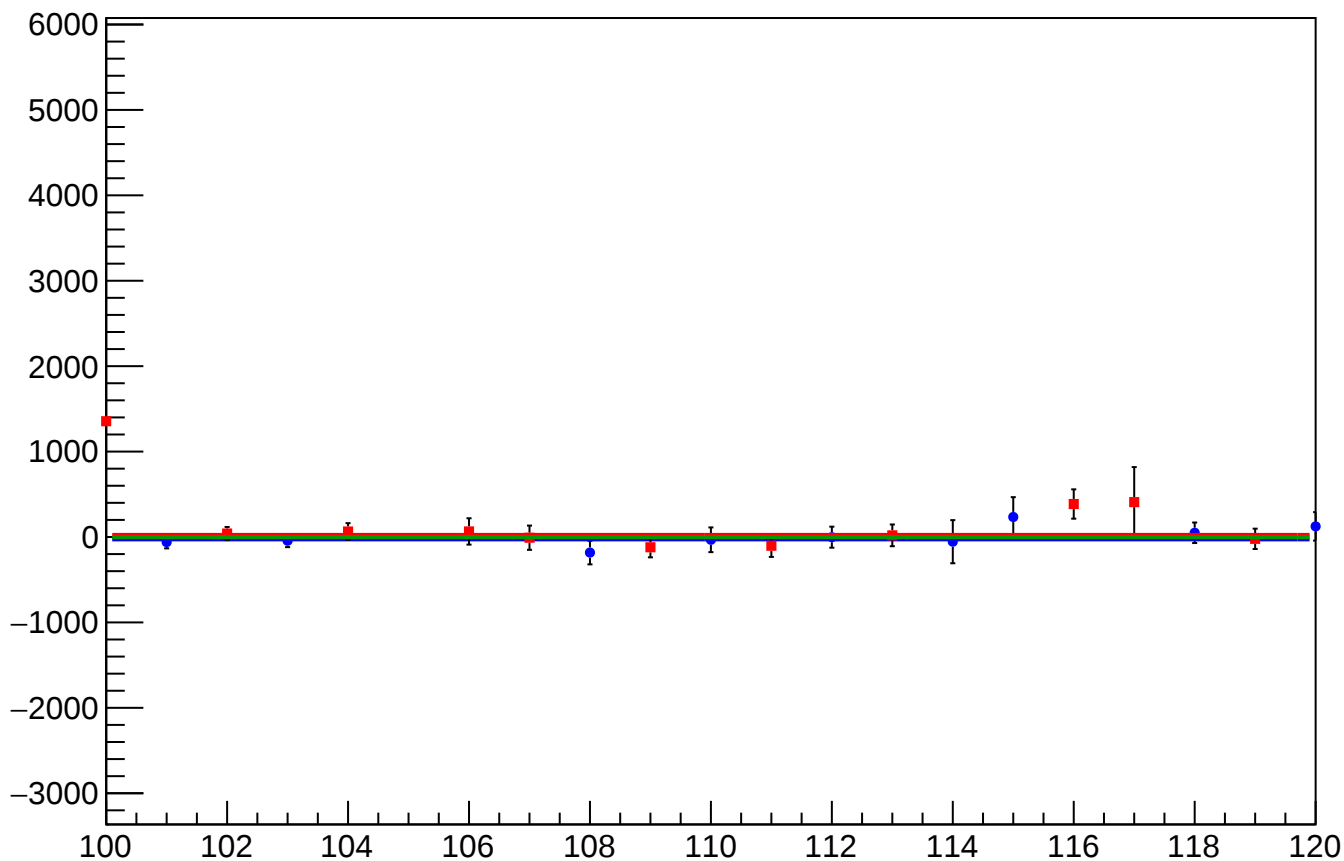
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.040+/-0.000 χ^2/NDF : 279678.2/8

1.118+/-0.000 χ^2/NDF : 730341.3/19

1.206+/-0.000 χ^2/NDF : 386216.6/10

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: -27.814+/-38.722 χ^2/NDF : 4.1/8

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

Right Out: 24.726+/-38.713 χ^2/NDF : 8.3/10

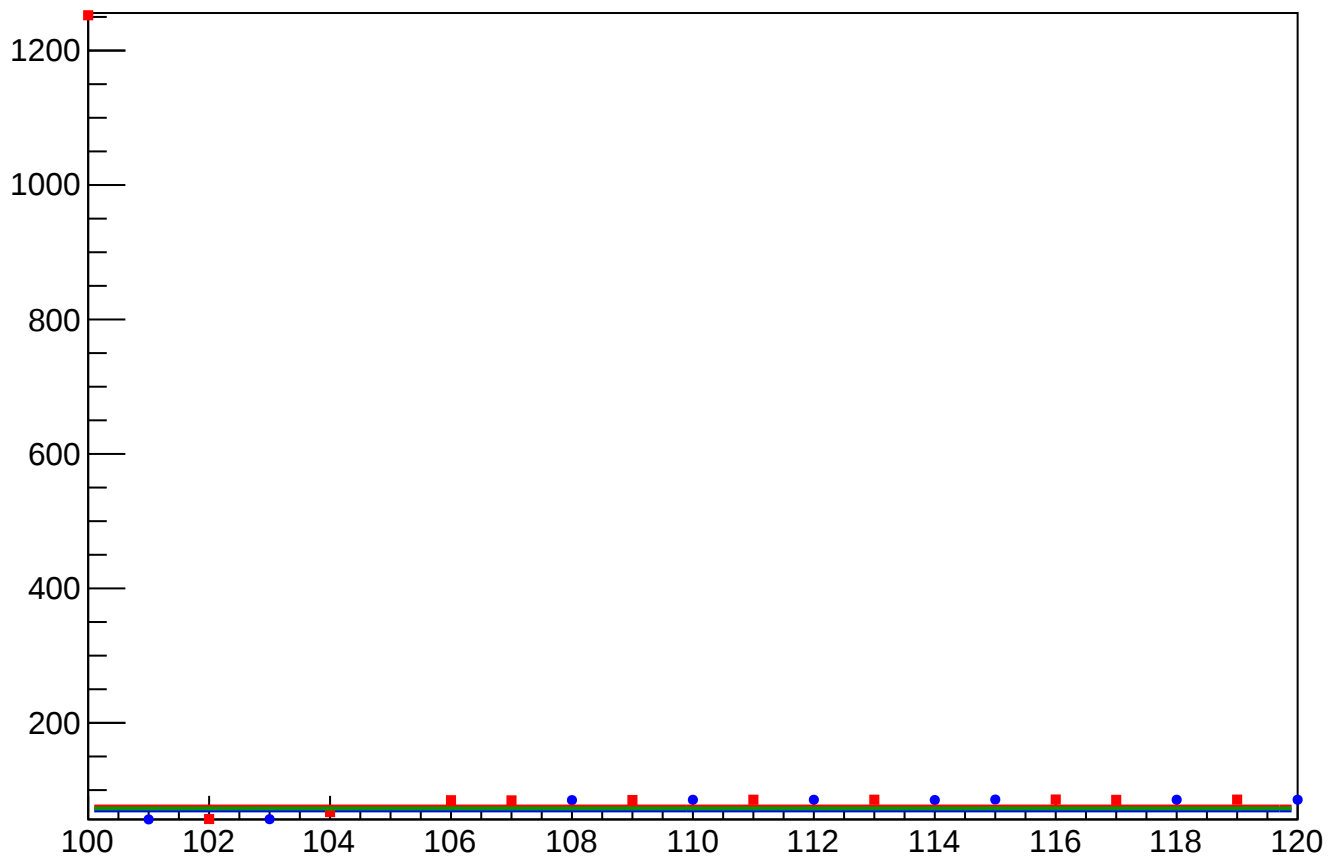
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.814+/-38.722 χ^2/NDF : 4.1/8

-1.538+/-27.378 χ^2/NDF : 13.3/19

24.726+/-38.713 χ^2/NDF : 8.3/10

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 69.838+/-0.027 χ^2/NDF : 278320.6/8

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

Right Out: 75.506+/-0.027 χ^2/NDF : 331950.7/10

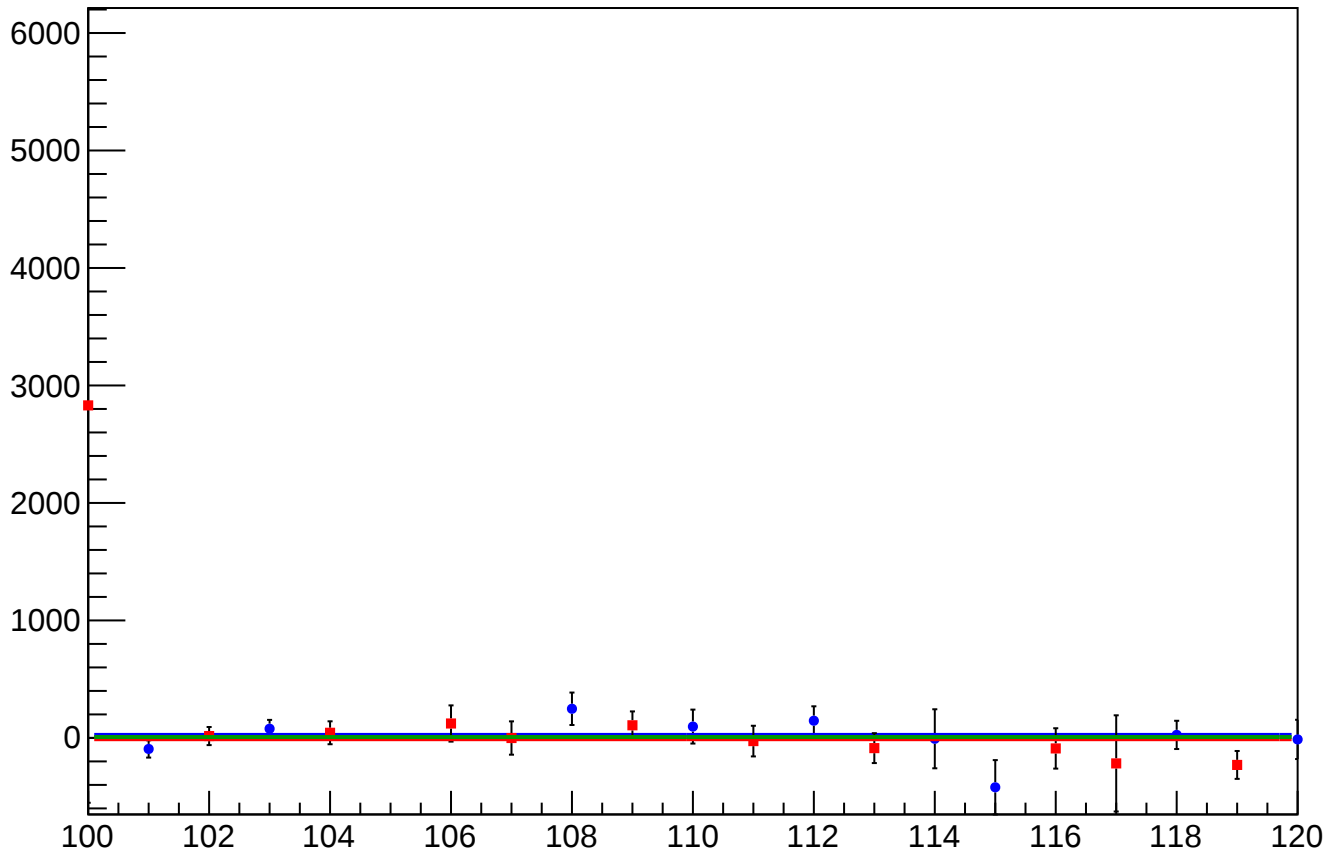
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.838+/-0.027 χ^2/NDF : 278320.6/8

72.673+/-0.019 χ^2/NDF : 631701.8/19

75.506+/-0.027 χ^2/NDF : 331950.7/10

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 25.589+/-38.685 χ^2/NDF : 10.7/8

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

Right Out: -10.851+/-38.680 χ^2/NDF : 7.1/10

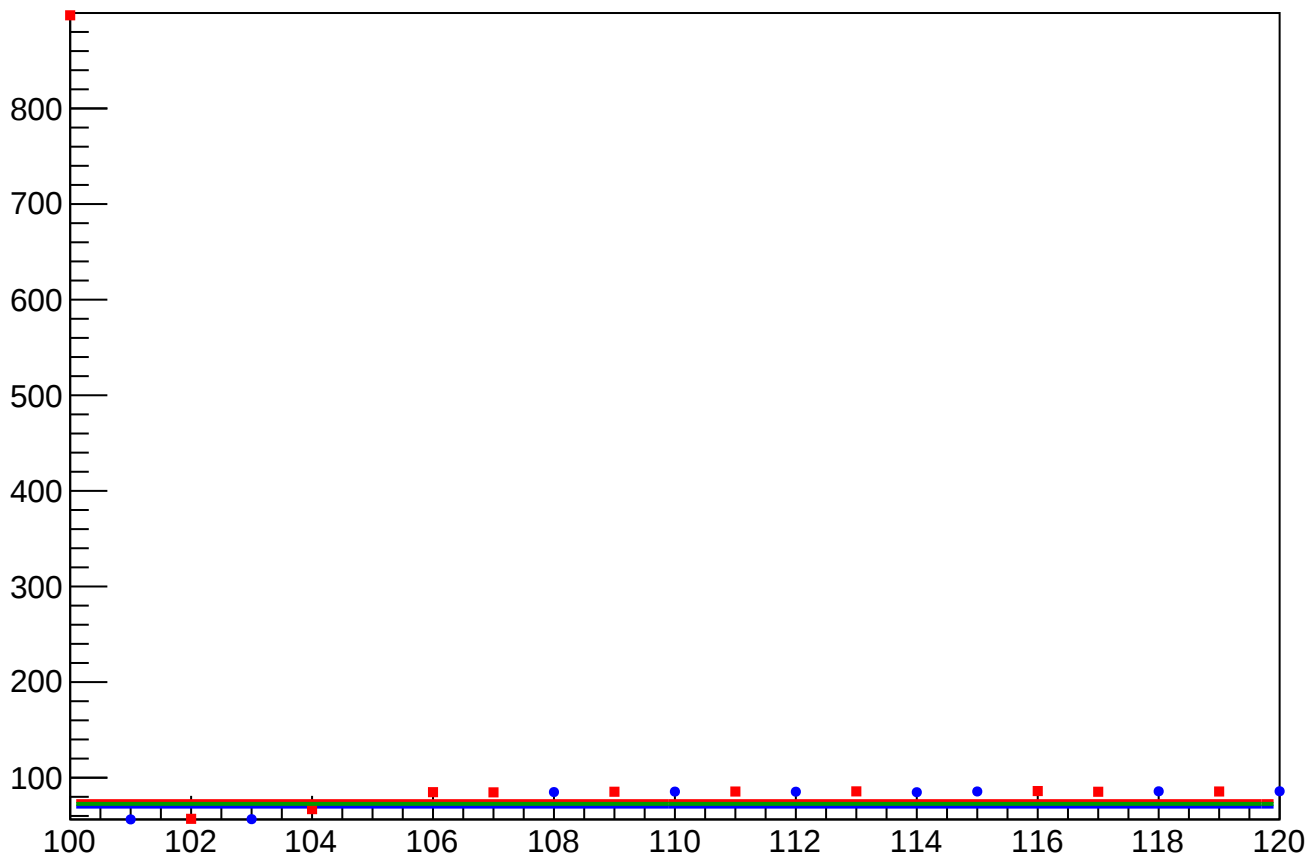
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.589+/-38.685 χ^2/NDF : 10.7/8

7.367+/-27.352 χ^2/NDF : 18.3/19

-10.851+/-38.680 χ^2/NDF : 7.1/10

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 69.773+/-0.027 χ^2/NDF : 277847.2/8

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

Right Out: 75.471+/-0.027 χ^2/NDF : 325666.4/10

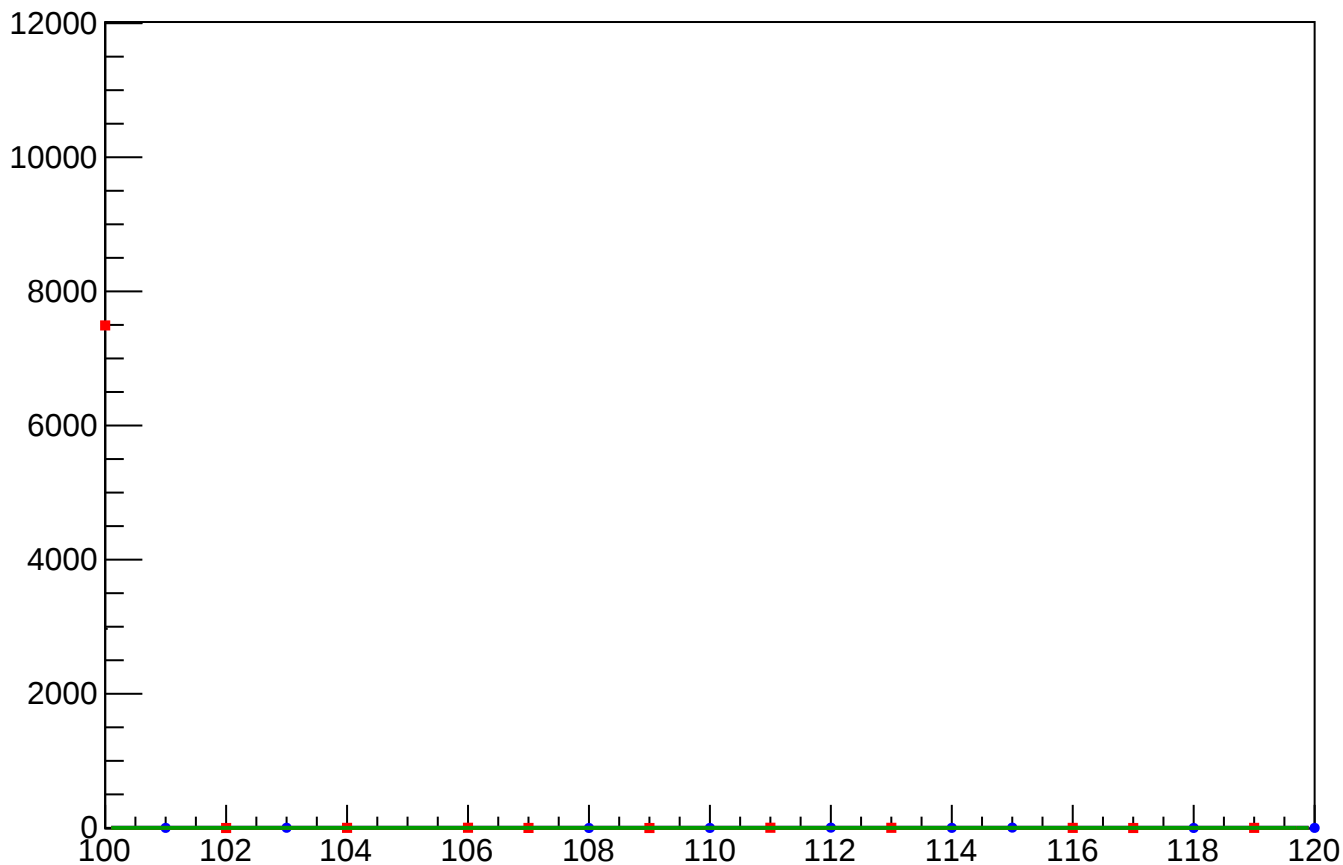
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.773+/-0.027 χ^2/NDF : 277847.2/8

72.622+/-0.019 χ^2/NDF : 625216.0/19

75.471+/-0.027 χ^2/NDF : 325666.4/10

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 1.297+/-0.670 χ^2/NDF : 5.5/8

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

Right Out: 0.280+/-0.722 χ^2/NDF : 6.5/10

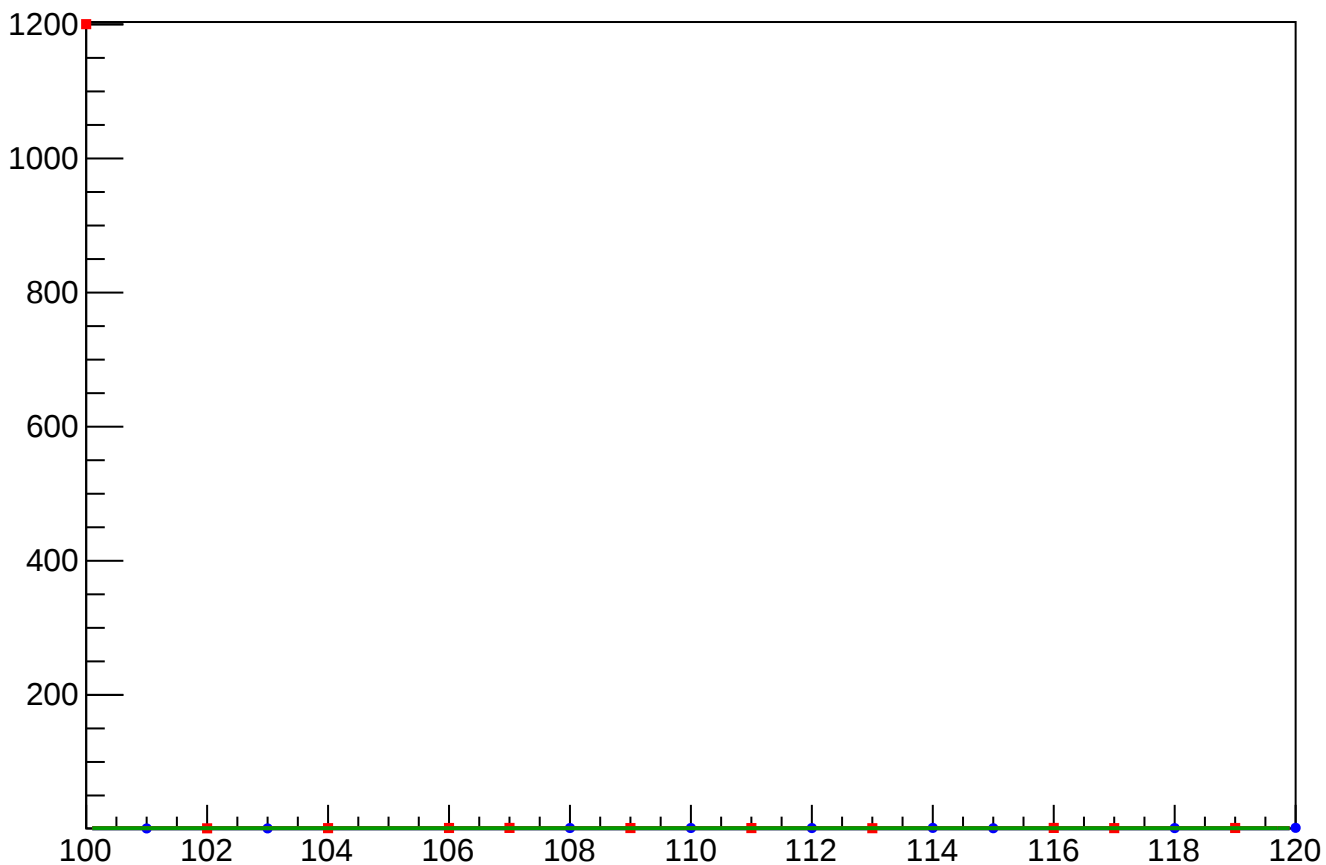
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.297+/-0.670 χ^2/NDF : 5.5/8

0.827+/-0.491 χ^2/NDF : 13.1/19

0.280+/-0.722 χ^2/NDF : 6.5/10

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.109+/-0.000 χ^2/NDF : 389930.3/8

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

Right Out: 1.329+/-0.001 χ^2/NDF : 296789.9/10

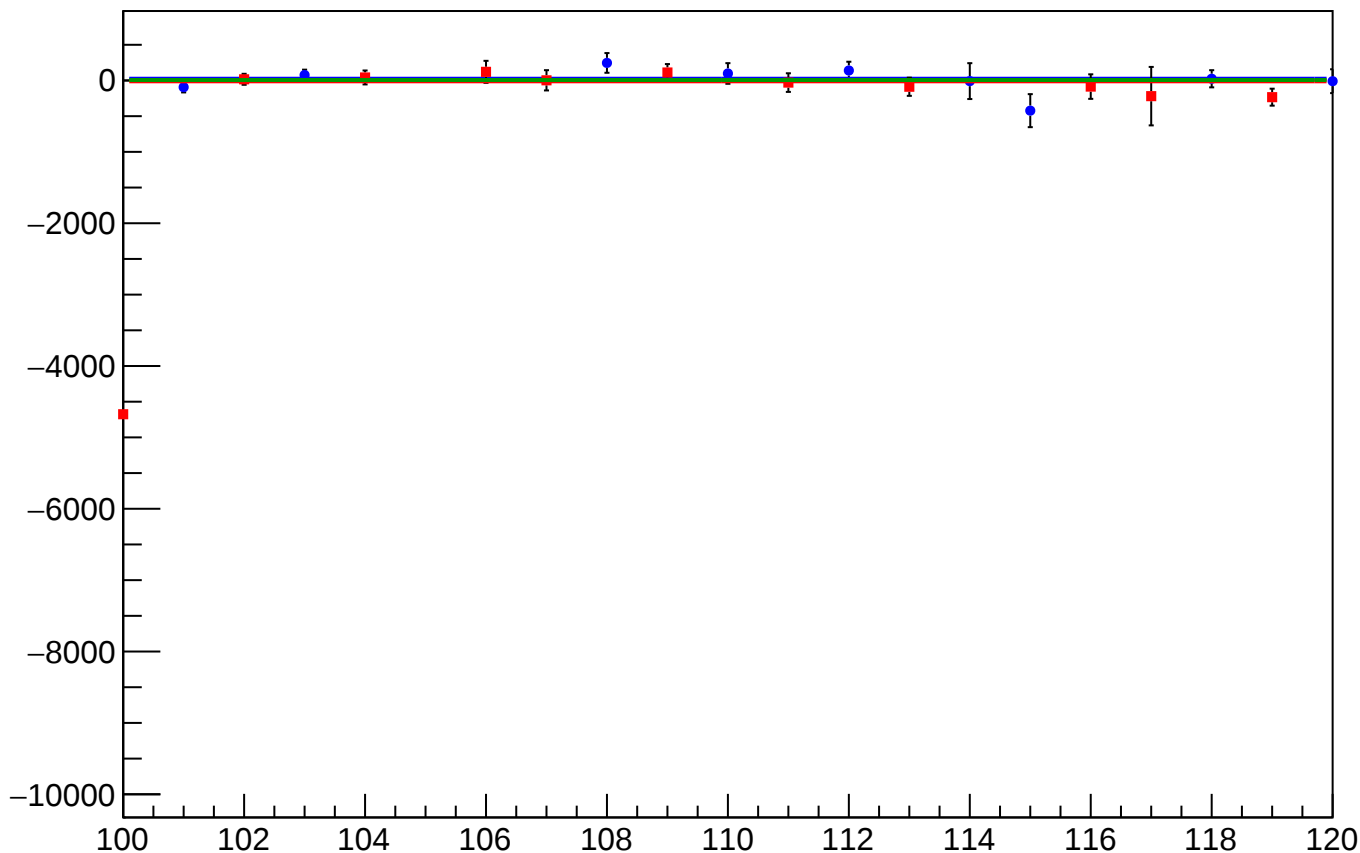
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.109+/-0.000 χ^2/NDF : 389930.3/8

1.211+/-0.000 χ^2/NDF : 786572.6/19

1.329+/-0.001 χ^2/NDF : 296789.9/10

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 24.409+/-38.695 χ^2/NDF : 10.6/8

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

Right Out: -11.438+/-38.692 χ^2/NDF : 7.3/10

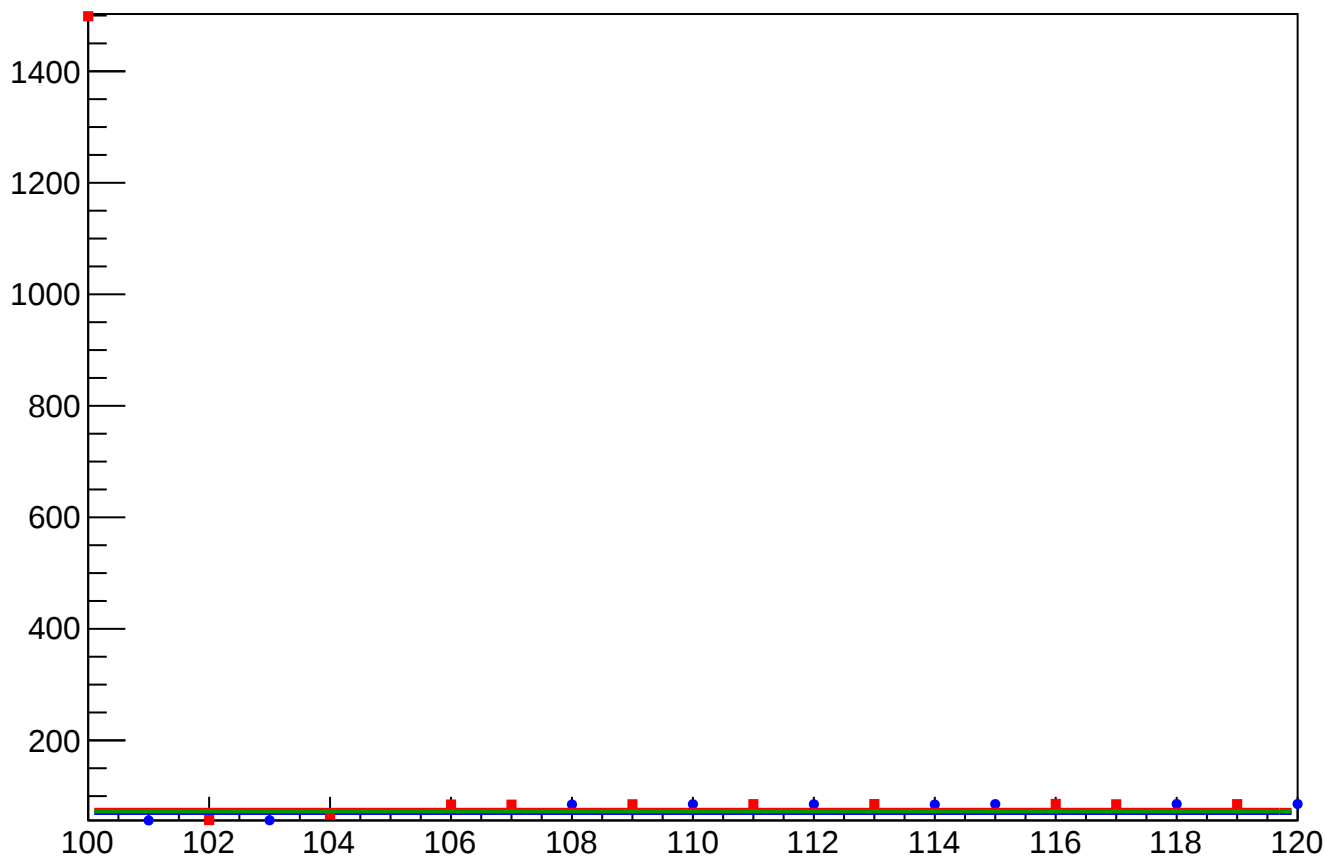
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.409+/-38.695 χ^2/NDF : 10.6/8

6.484+/-27.360 χ^2/NDF : 18.3/19

-11.438+/-38.692 χ^2/NDF : 7.3/10

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 69.791+/-0.027 χ^2/NDF : 277854.5/8

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

Right Out: 75.451+/-0.027 χ^2/NDF : 334502.8/10

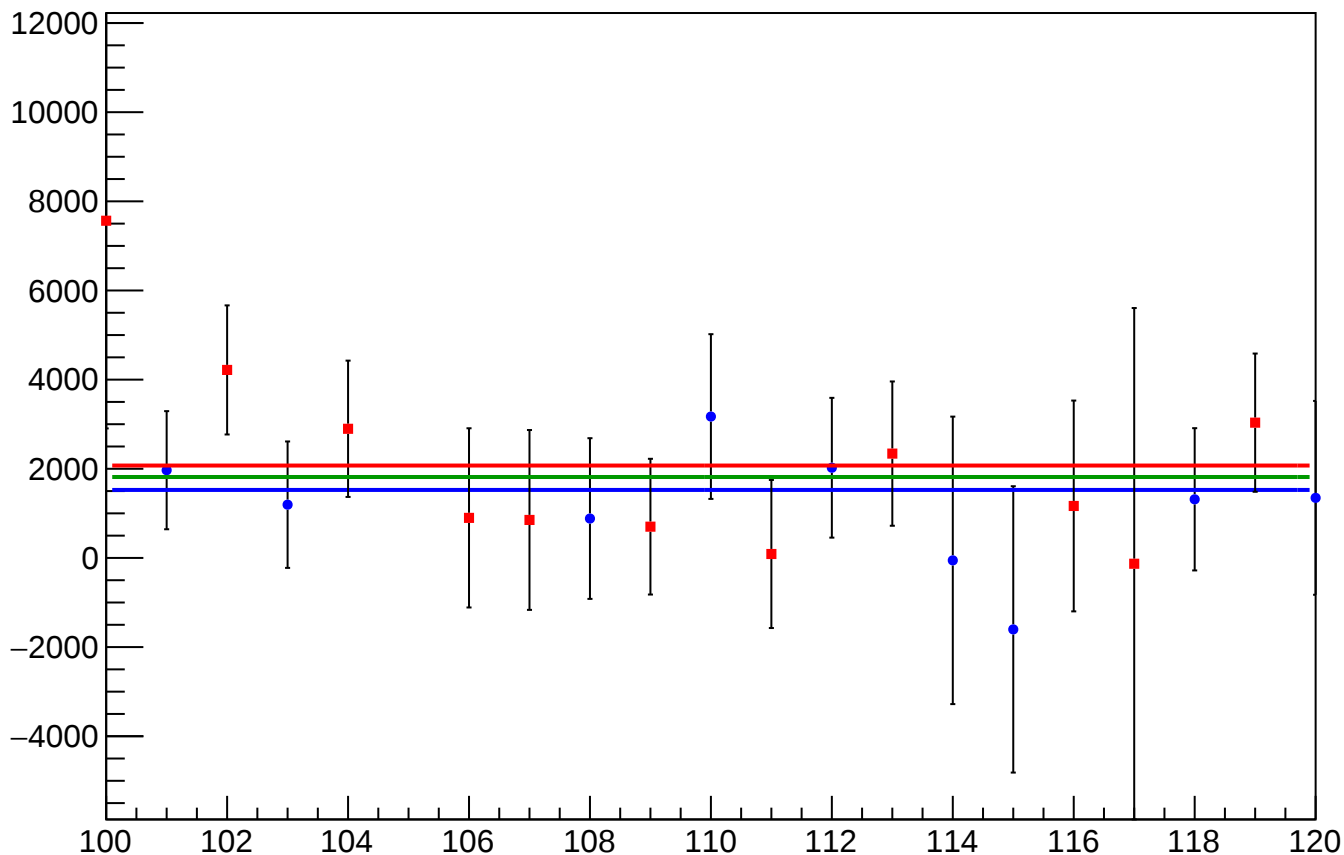
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

69.791+/-0.027 χ^2/NDF : 277854.5/8

72.621+/-0.019 χ^2/NDF : 633756.3/19

75.451+/-0.027 χ^2/NDF : 334502.8/10

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1525.363+/-590.127 χ^2/NDF : 2.4/8

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

Right Out: 2072.763+/-555.156 χ^2/NDF : 7.5/10

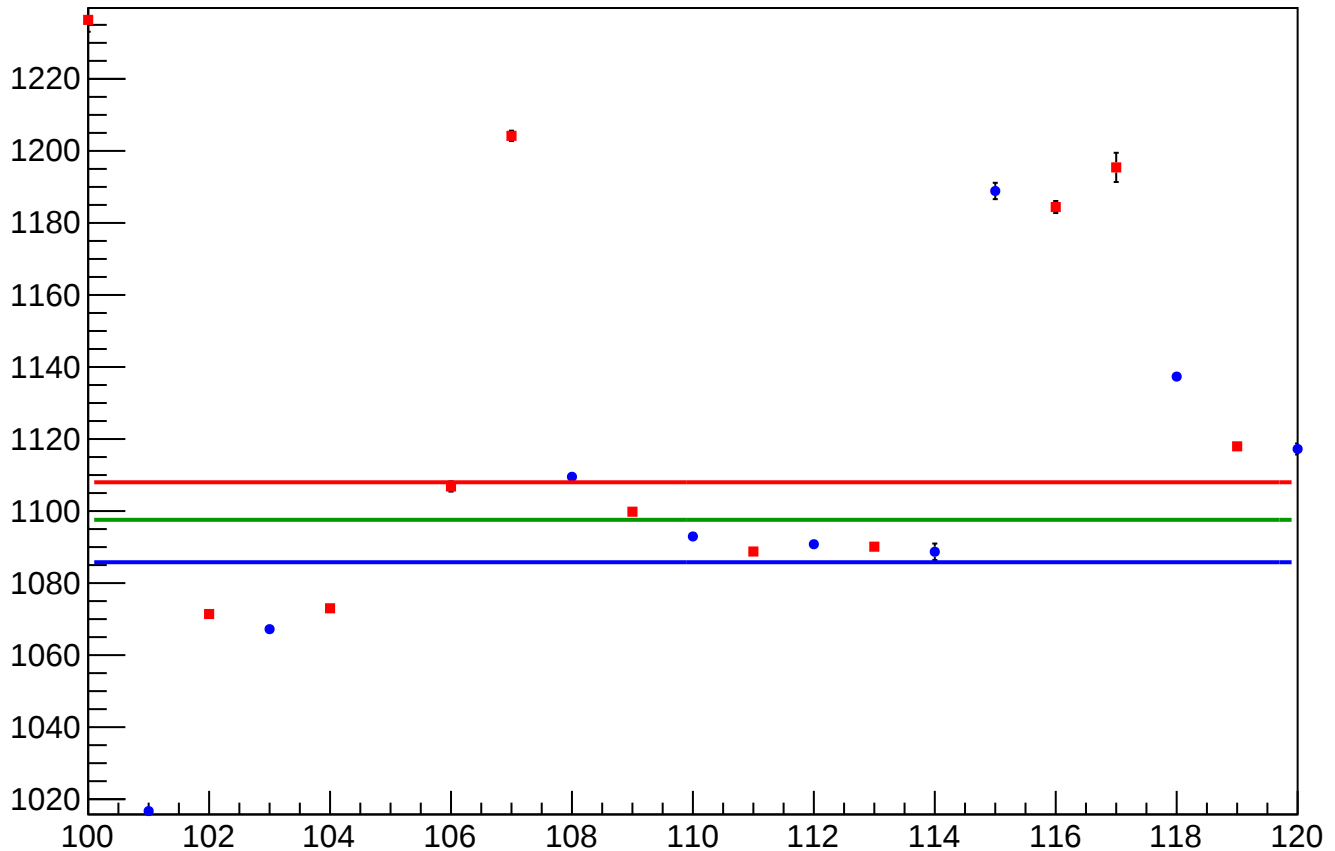
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1525.363+/-590.127 χ^2/NDF : 2.4/8

1815.762+/-404.353 χ^2/NDF : 10.4/19

2072.763+/-555.156 χ^2/NDF : 7.5/10

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1085.790+/-0.417 χ^2/NDF : 10746.0/8

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

Right Out: 1107.993+/-0.393 χ^2/NDF : 11596.5/10

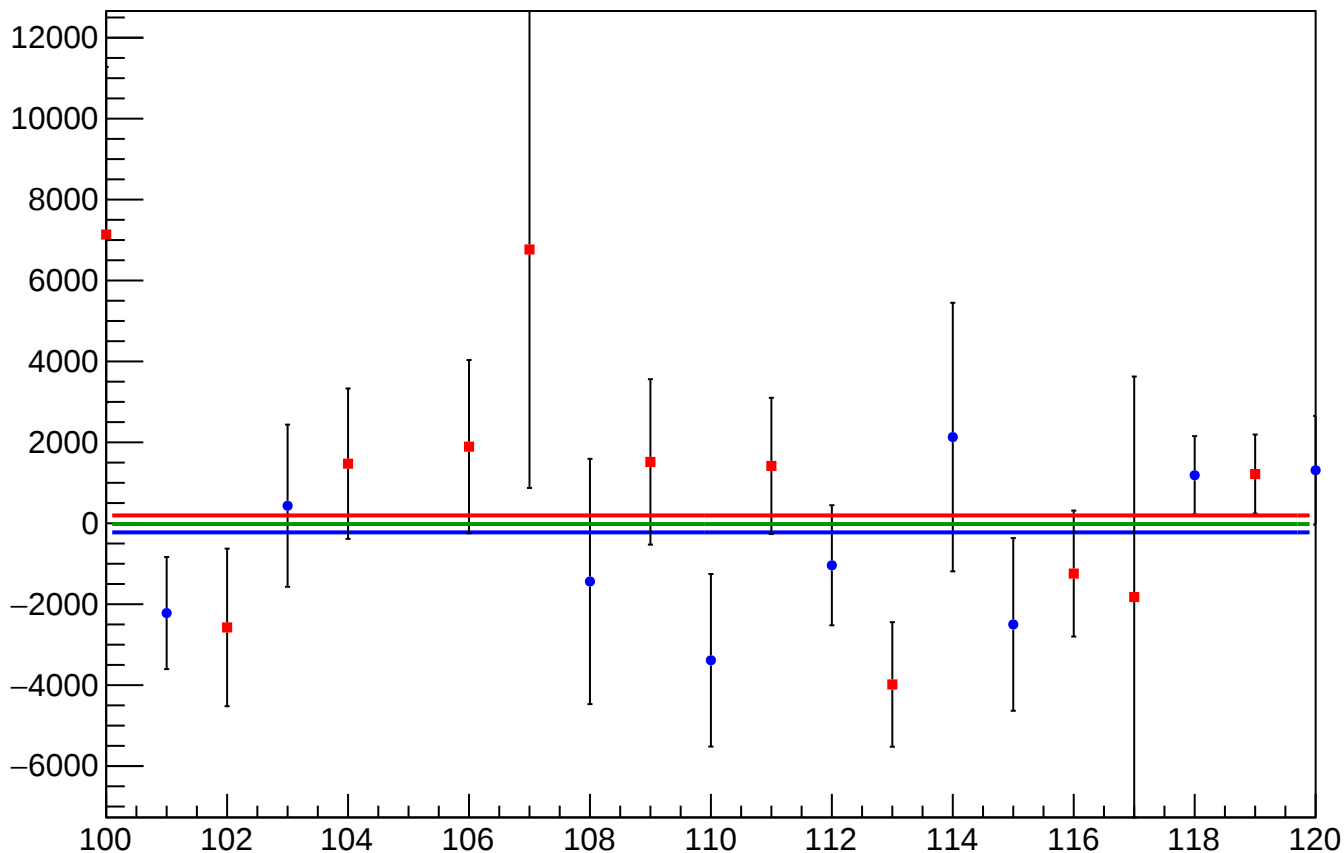
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1085.790+/-0.417 χ^2/NDF : 10746.0/8

1097.569+/-0.286 χ^2/NDF : 23844.4/19

1107.993+/-0.393 χ^2/NDF : 11596.5/10

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -224.530+/-535.607 χ^2 /NDF: 9.9/8

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

Right Out: 194.495+/-545.010 χ^2 /NDF: 17.6/10

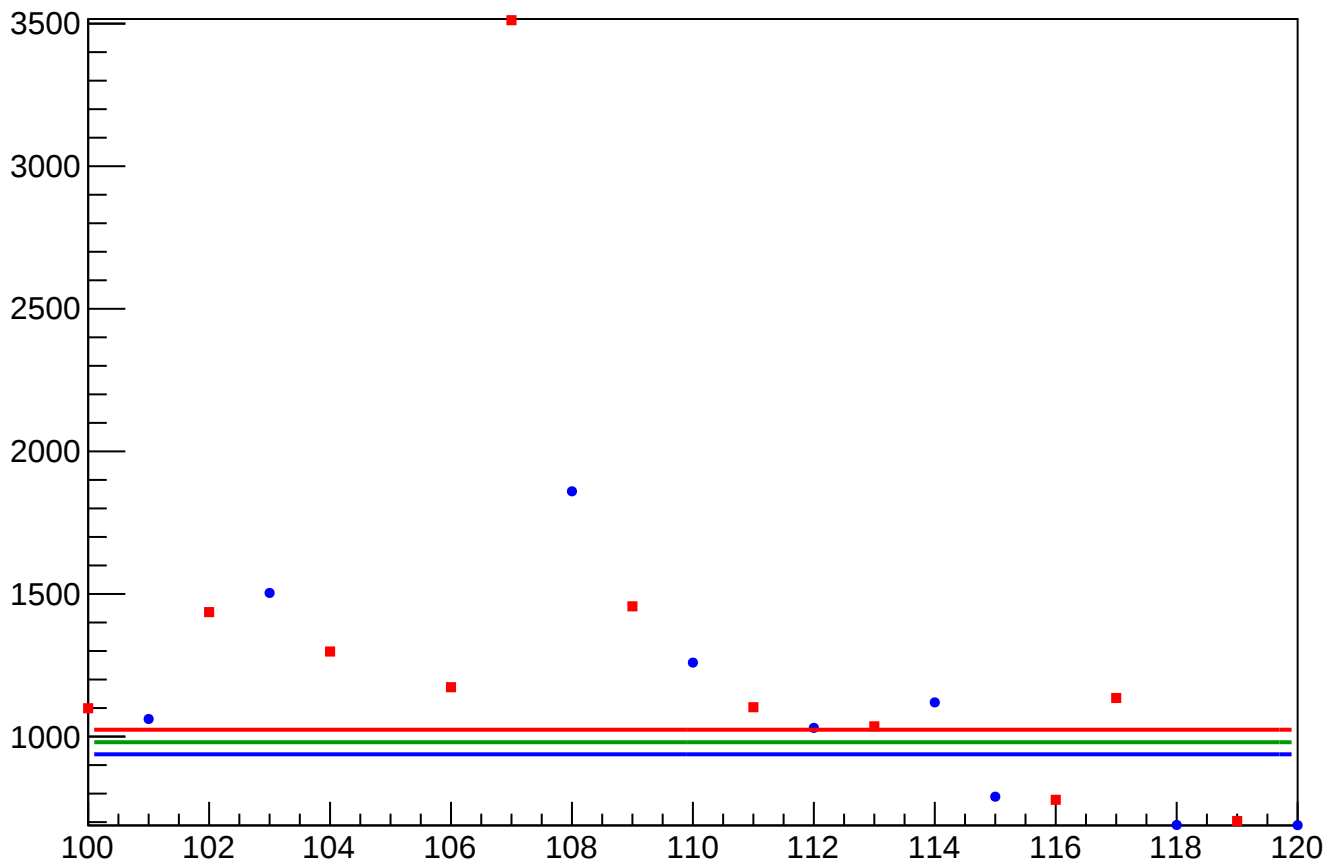
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-224.530+/-535.607 χ^2 /NDF: 9.9/8

-18.663+/-382.012 χ^2 /NDF: 27.8/19

194.495+/-545.010 χ^2 /NDF: 17.6/10

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 937.817+/-0.379 χ^2/NDF : 629190.7/8

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

Right Out: 1024.004+/-0.385 χ^2/NDF : 859611.9/10

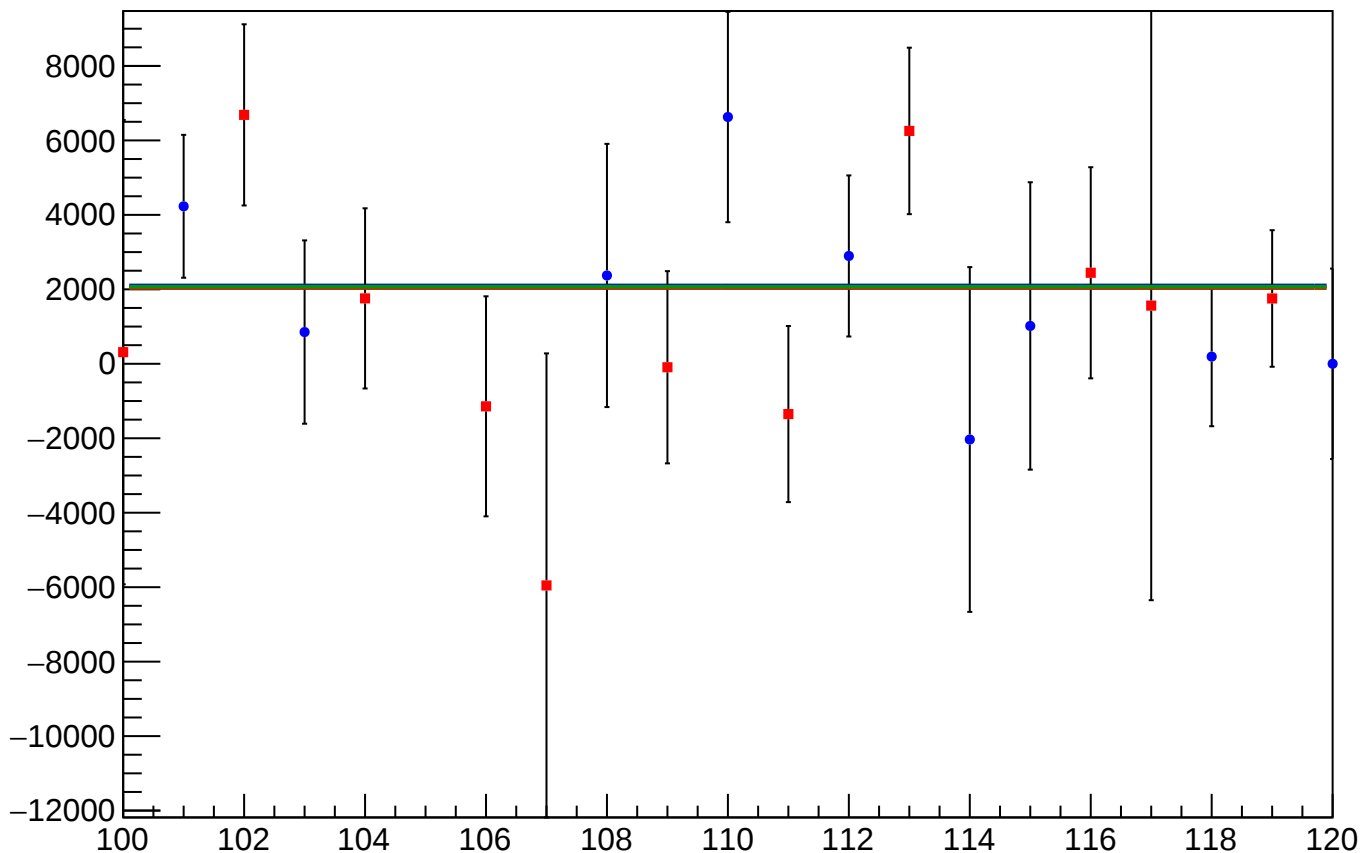
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

937.817+/-0.379 χ^2/NDF : 629190.7/8

980.161+/-0.270 χ^2/NDF : 1514245.9/19

1024.004+/-0.385 χ^2/NDF : 859611.9/10

asym_usl_mean vs Slug, Sign Corrected



Right In: 2099.769+/-842.642 χ^2/NDF : 6.8/8

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

Right Out: 2037.891+/-824.188 χ^2/NDF : 12.9/10

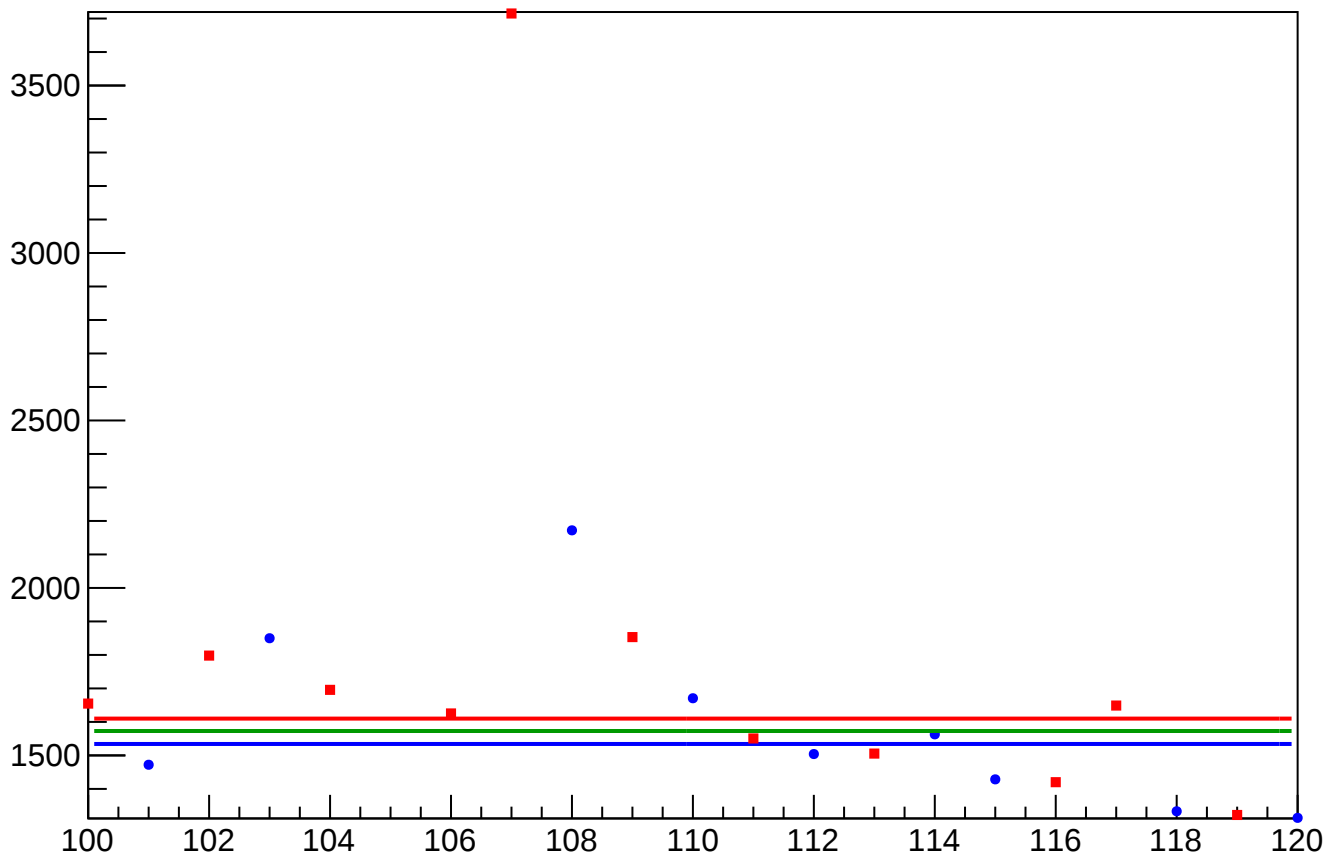
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2099.769+/-842.642 χ^2/NDF : 6.8/8

2068.145+/-589.205 χ^2/NDF : 19.7/19

2037.891+/-824.188 χ^2/NDF : 12.9/10

asym_usl_rms vs Slug, Sign Corrected



Right In: 1534.164+/-0.596 χ^2/NDF : 144715.8/8

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

Right Out: 1609.938+/-0.583 χ^2/NDF : 324462.2/10

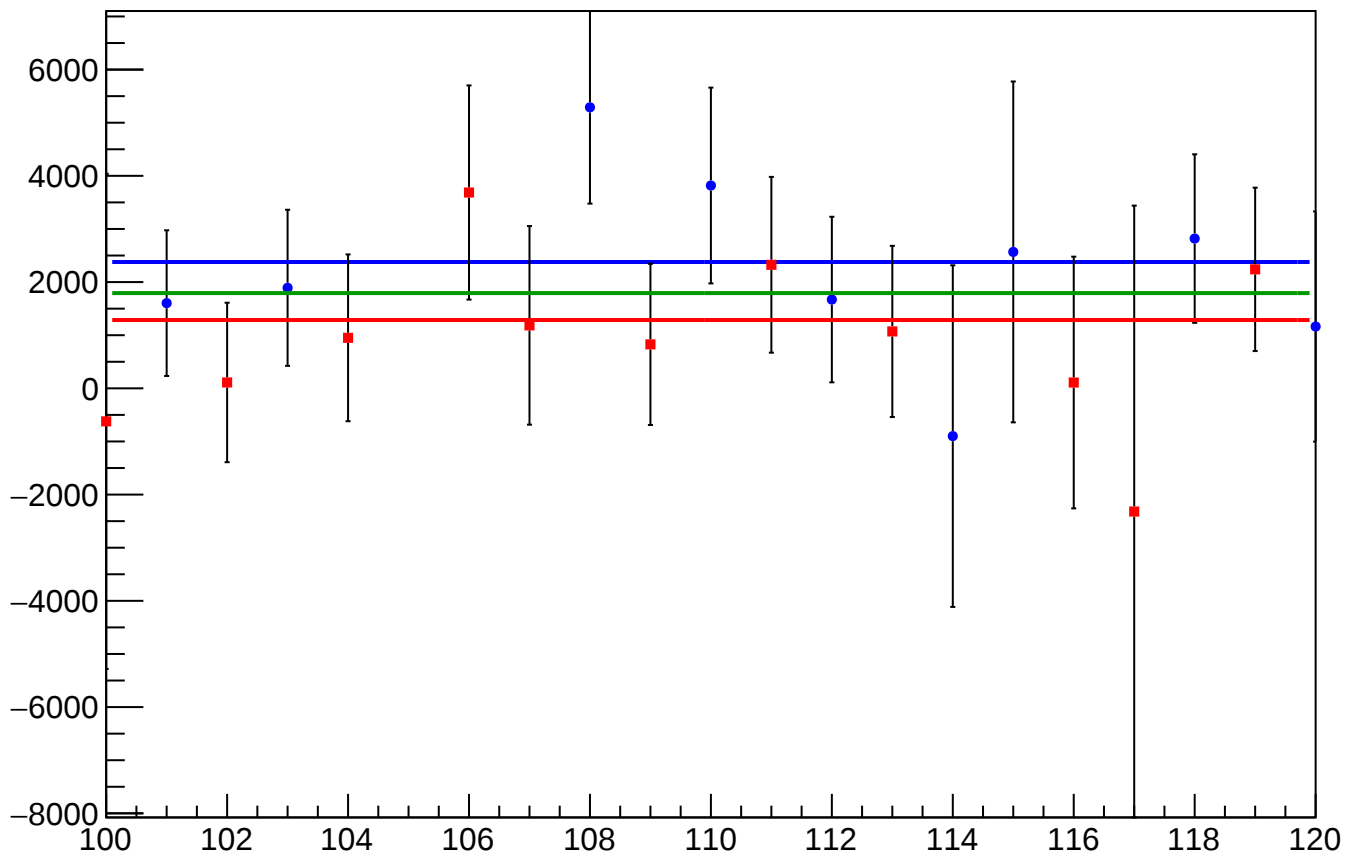
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1534.164+/-0.596 χ^2/NDF : 144715.8/8

1572.890+/-0.417 χ^2/NDF : 477443.3/19

1609.938+/-0.583 χ^2/NDF : 324462.2/10

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2378.077+/-596.522 χ^2/NDF : 5.3/8

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

Right Out: 1285.743+/-555.209 χ^2/NDF : 3.8/10

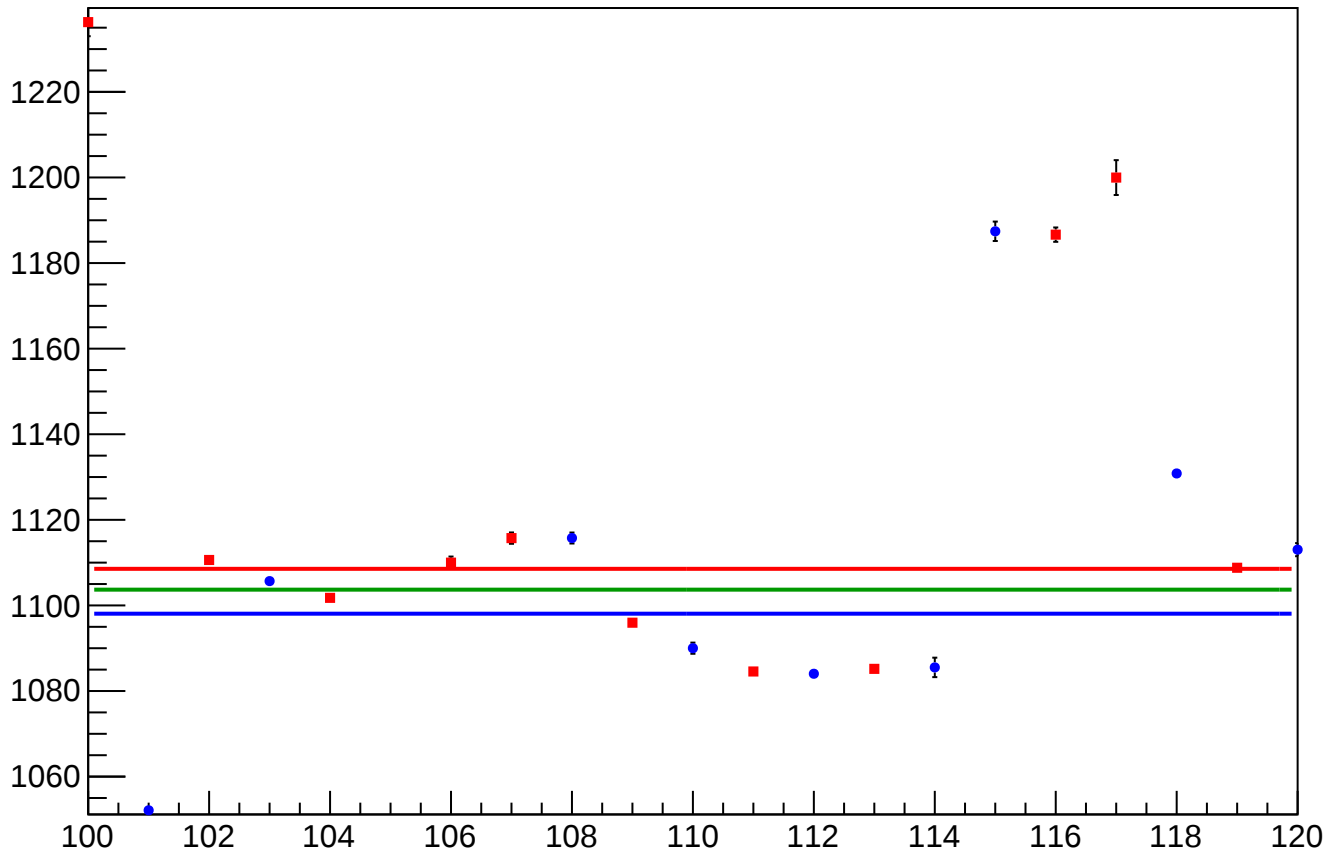
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2378.077+/-596.522 χ^2/NDF : 5.3/8

1792.777+/-406.413 χ^2/NDF : 10.8/19

1285.743+/-555.209 χ^2/NDF : 3.8/10

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1098.068 $\pm$ 0.422 χ^2 /NDF: 5221.2/8

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

Right Out: 1108.551 $\pm$ 0.393 χ^2 /NDF: 5231.2/10

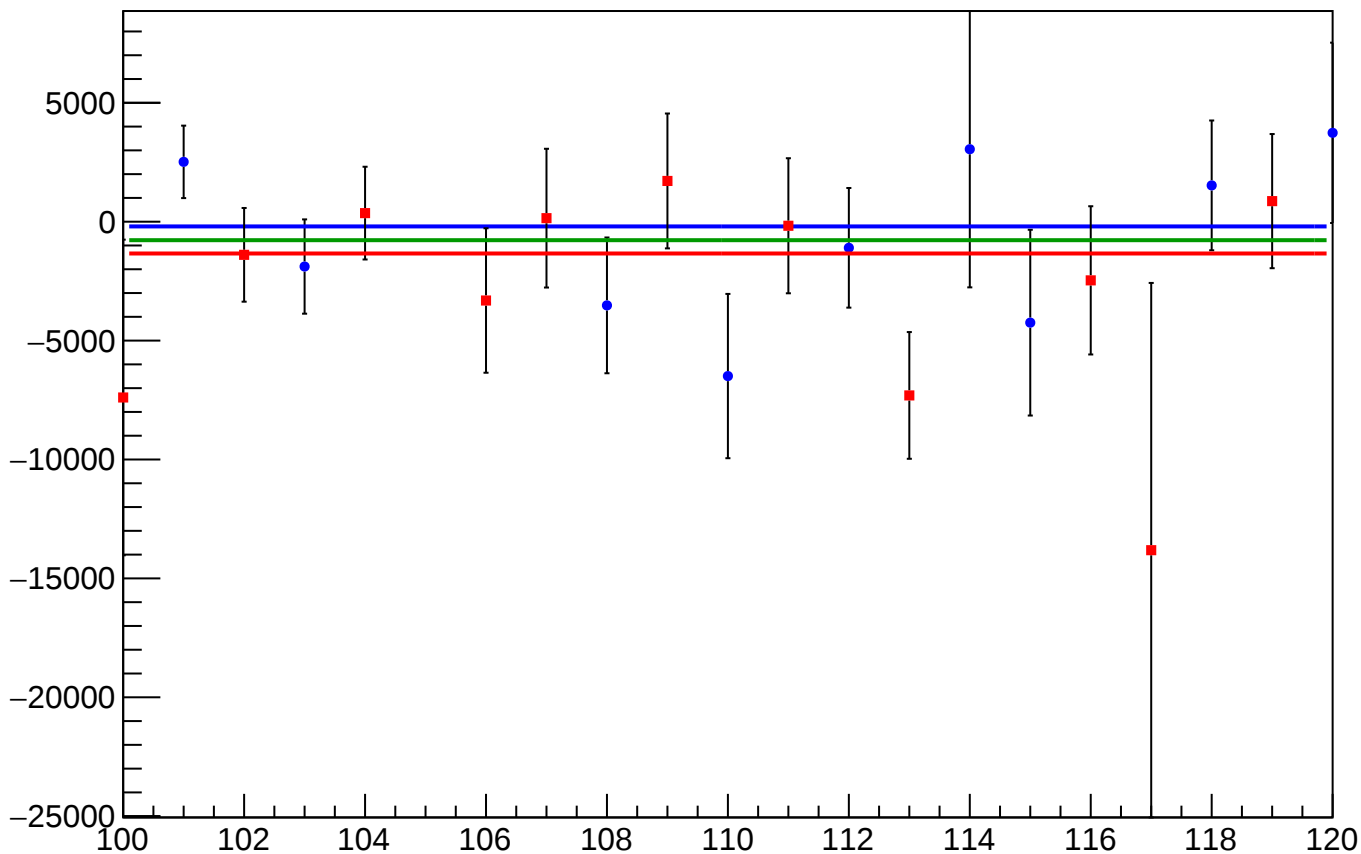
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1098.068 $\pm$ 0.422 χ^2 /NDF: 5221.2/8

1103.685 $\pm$ 0.287 χ^2 /NDF: 10783.4/19

1108.551 $\pm$ 0.393 χ^2 /NDF: 5231.2/10

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -198.716+/-861.063 χ^2 /NDF: 11.6/8

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

Right Out: -1337.096+/-846.707 χ^2 /NDF: 10.6/10

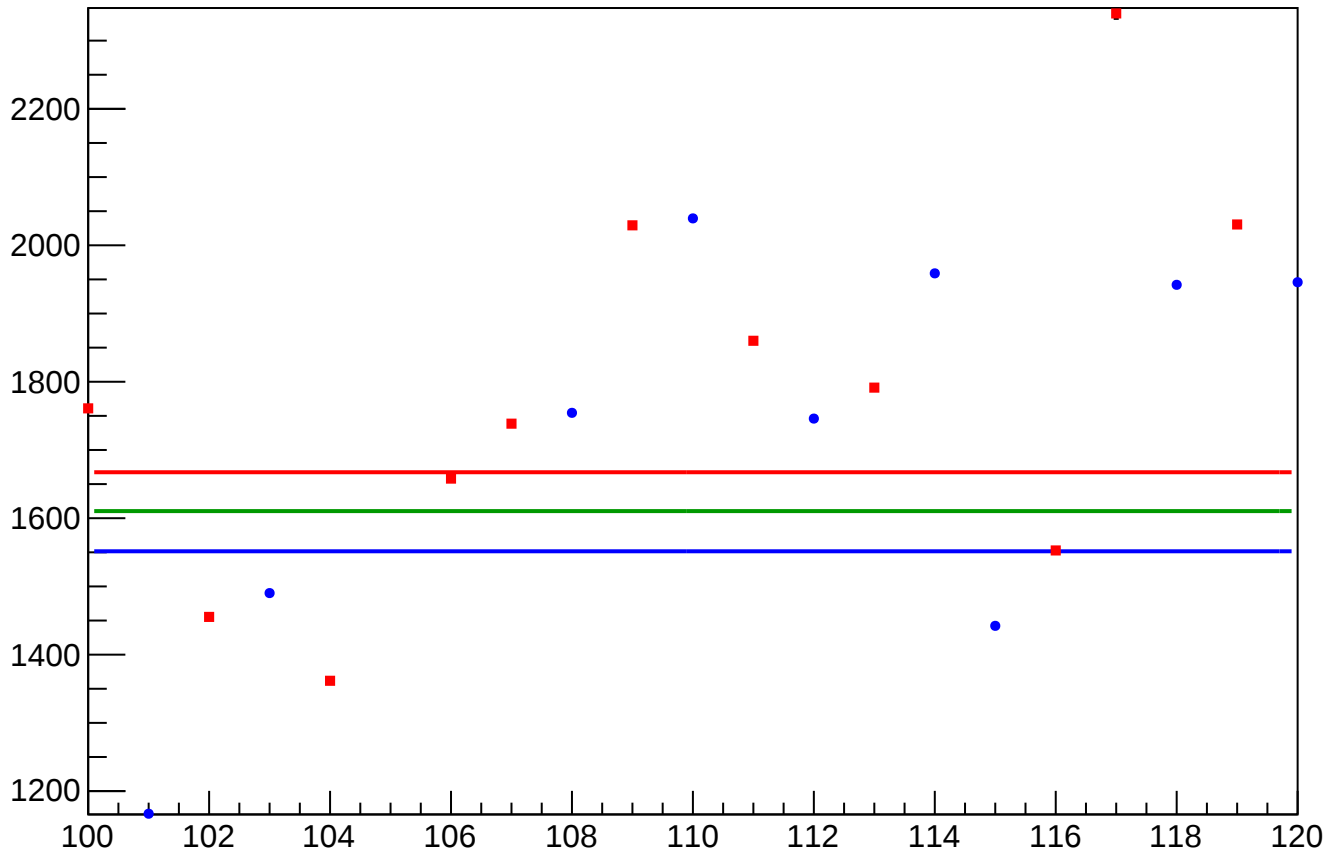
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-198.716+/-861.063 χ^2 /NDF: 11.6/8

-777.474+/-603.724 χ^2 /NDF: 23.0/19

-1337.096+/-846.707 χ^2 /NDF: 10.6/10

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1551.514+/-0.609 χ^2/NDF : 265369.2/8

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

Right Out: 1667.365+/-0.599 χ^2/NDF : 163045.8/10

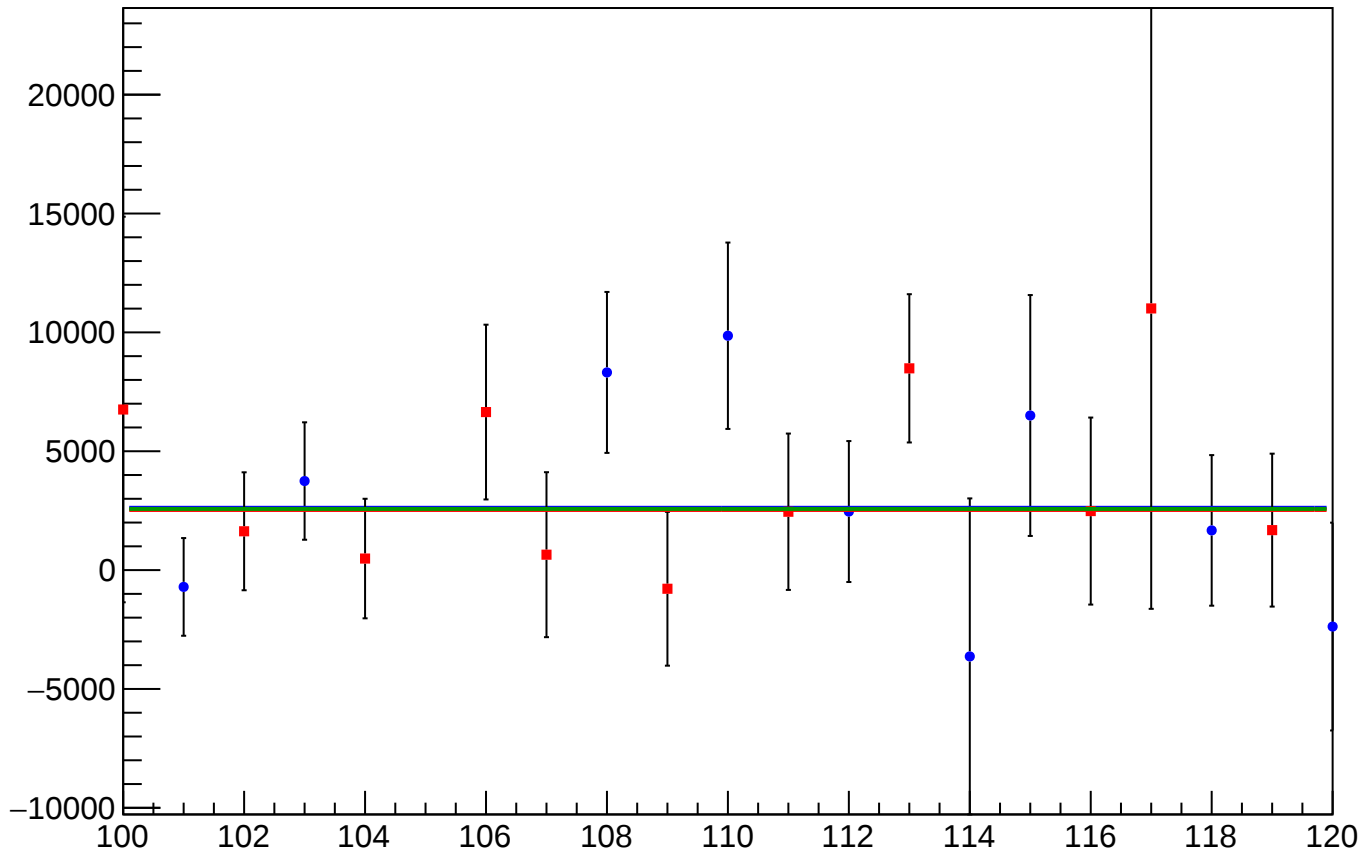
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1551.514+/-0.609 χ^2/NDF : 265369.2/8

1610.413+/-0.427 χ^2/NDF : 446821.6/19

1667.365+/-0.599 χ^2/NDF : 163045.8/10

asym_usr_mean vs Slug, Sign Corrected



Right In: 2620.610+/-1065.742 χ^2/NDF : 11.9/8

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

Right Out: 2530.848+/-1025.318 χ^2/NDF : 7.8/10

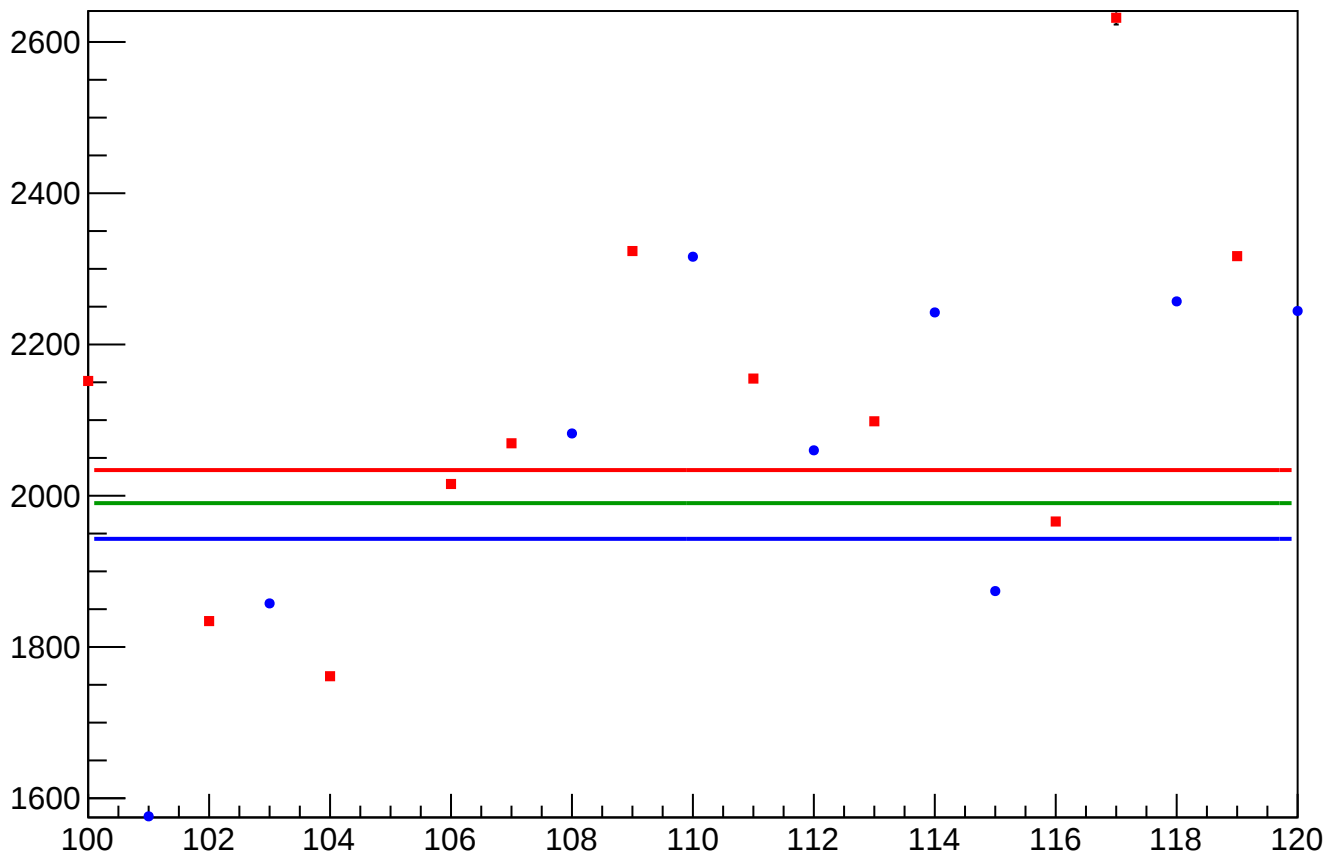
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2620.610+/-1065.742 χ^2/NDF : 11.9/8

2573.994+/-738.887 χ^2/NDF : 19.8/19

2530.848+/-1025.318 χ^2/NDF : 7.8/10

asym_usr_rms vs Slug, Sign Corrected



Right In: 1942.998 $\pm$ 0.754 χ^2 /NDF: 124378.0/8

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

Right Out: 2033.932 $\pm$ 0.725 χ^2 /NDF: 77274.0/10

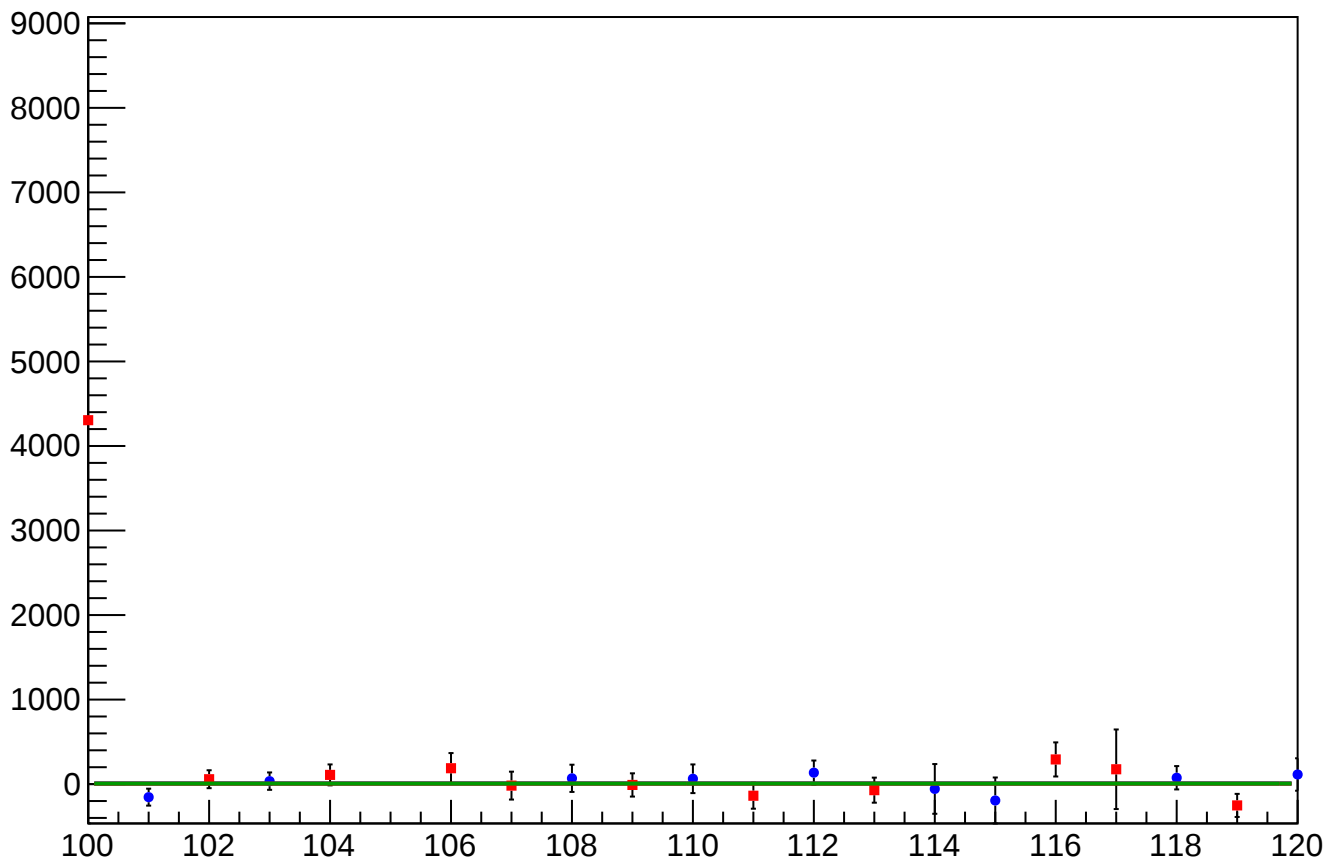
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1942.998 $\pm$ 0.754 χ^2 /NDF: 124378.0/8

1990.223 $\pm$ 0.522 χ^2 /NDF: 209213.7/19

2033.932 $\pm$ 0.725 χ^2 /NDF: 77274.0/10

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: 7.557+/-48.760 χ^2/NDF : 4.9/8

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

Right Out: 5.623+/-47.374 χ^2/NDF : 9.7/10

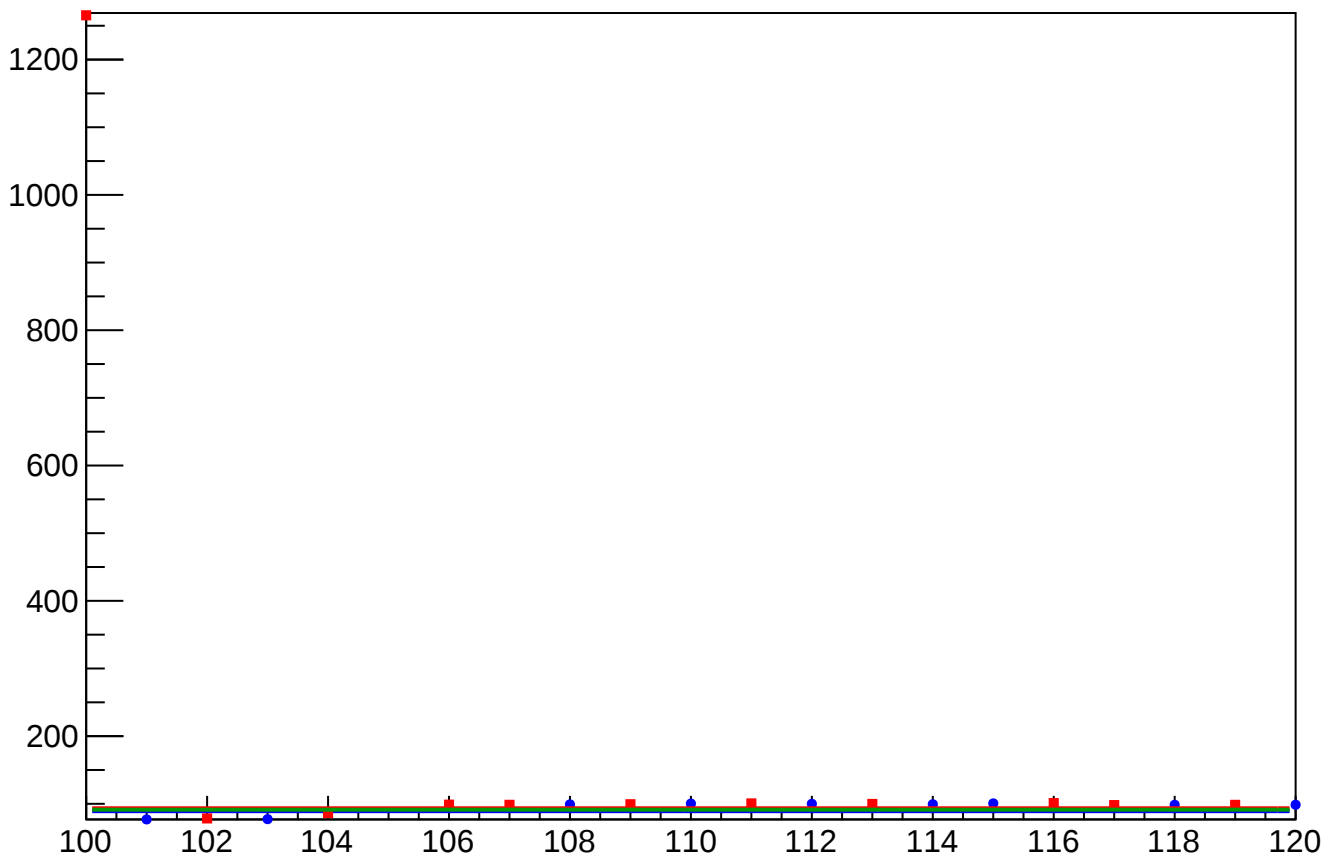
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.557+/-48.760 χ^2/NDF : 4.9/8

6.562+/-33.978 χ^2/NDF : 14.5/19

5.623+/-47.374 χ^2/NDF : 9.7/10

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 89.117+/-0.034 χ^2/NDF : 103582.9/8

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

Right Out: 93.412+/-0.033 χ^2/NDF : 188654.3/10

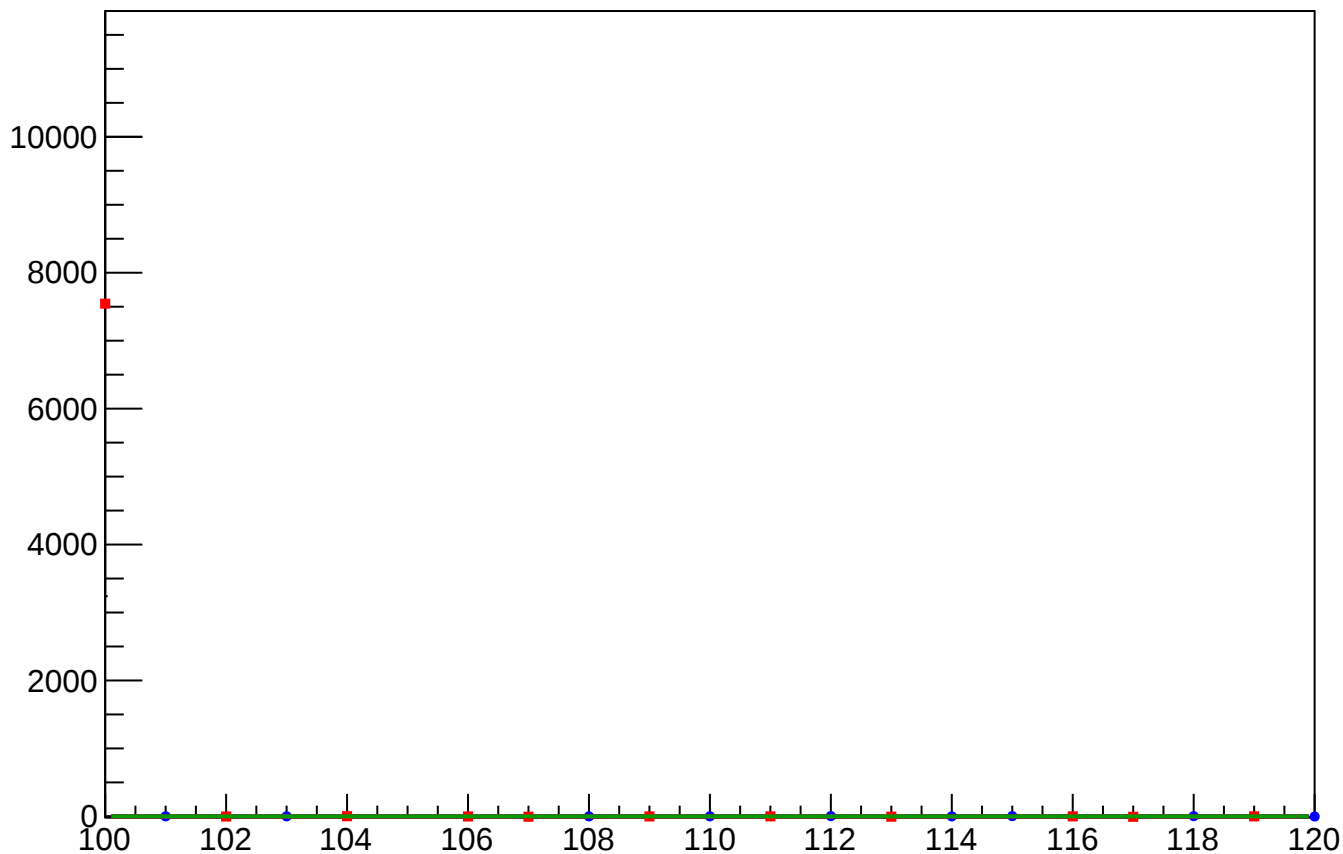
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.117+/-0.034 χ^2/NDF : 103582.9/8

91.326+/-0.024 χ^2/NDF : 300221.5/19

93.412+/-0.033 χ^2/NDF : 188654.3/10

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 1.301+/-0.778 χ^2/NDF : 3.7/8

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

Right Out: -1.097+/-0.826 χ^2/NDF : 11.1/10

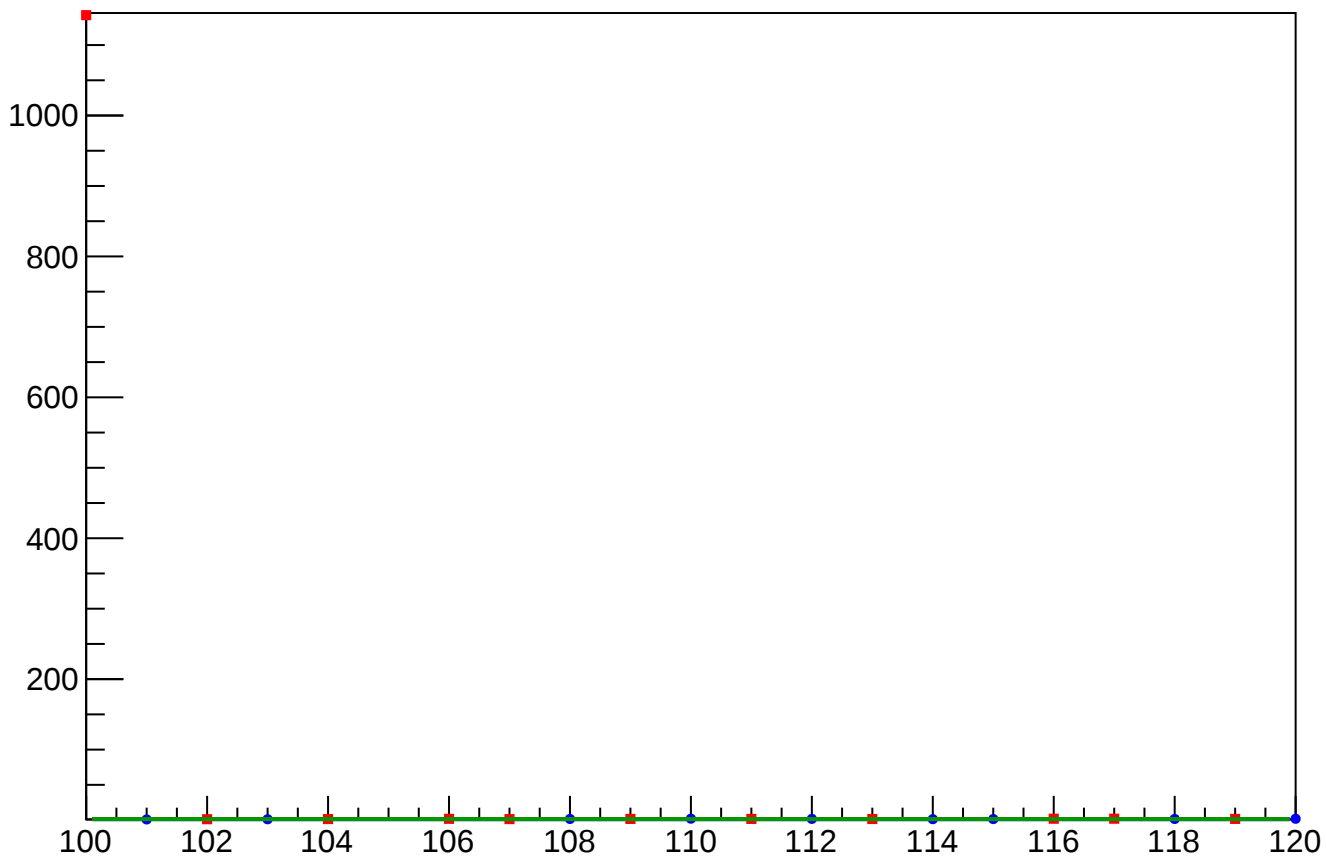
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.301+/-0.778 χ^2/NDF : 3.7/8

0.174+/-0.567 χ^2/NDF : 19.3/19

-1.097+/-0.826 χ^2/NDF : 11.1/10

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.260+/-0.001 χ^2/NDF : 412130.3/8

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

Right Out: 1.499+/-0.001 χ^2/NDF : 251206.1/10

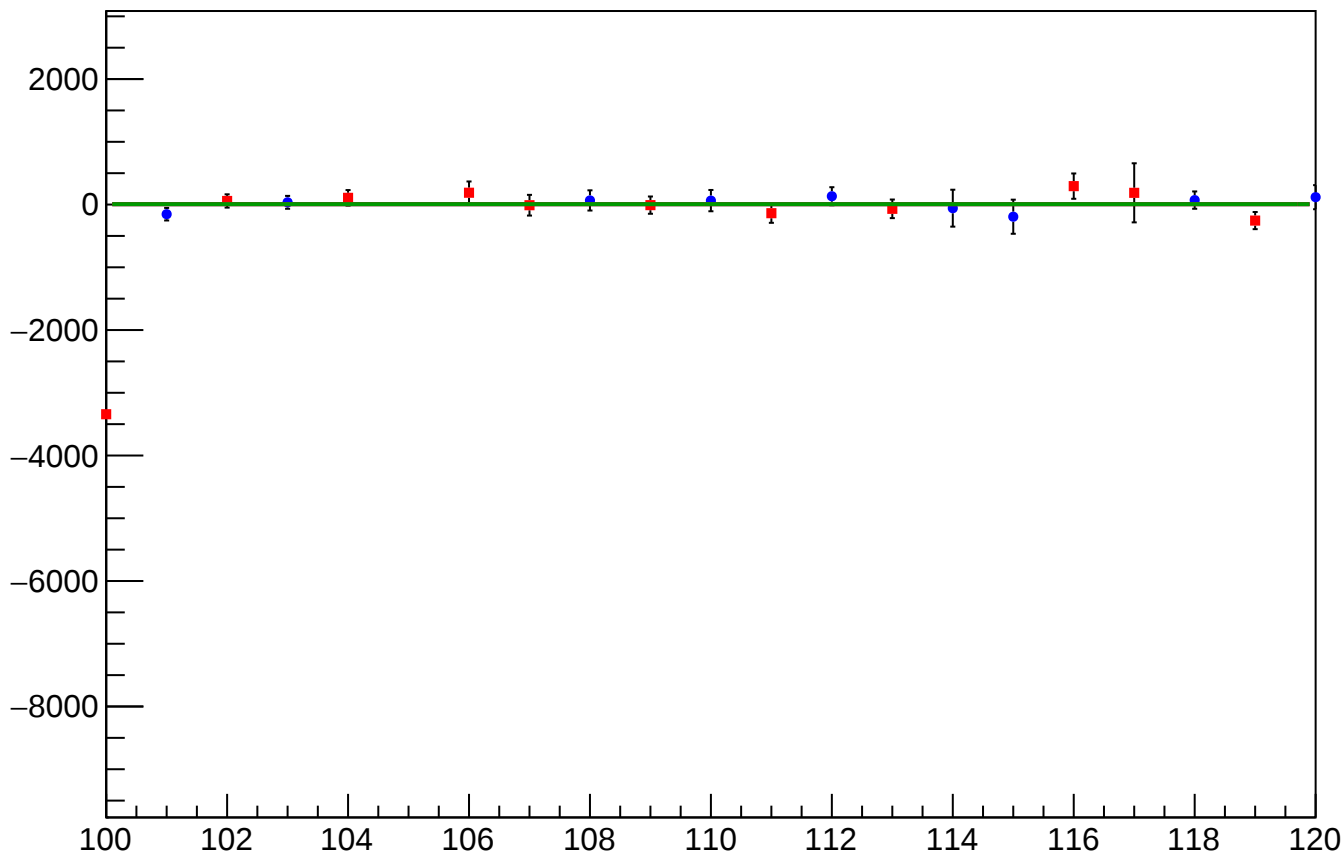
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.260+/-0.001 χ^2/NDF : 412130.3/8

1.372+/-0.000 χ^2/NDF : 752500.5/19

1.499+/-0.001 χ^2/NDF : 251206.1/10

asym_dsl_mean vs Slug, Sign Corrected



Right In: 6.859+/-48.773 χ^2 /NDF: 4.8/8

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

Right Out: 5.417+/-47.388 χ^2 /NDF: 9.2/10

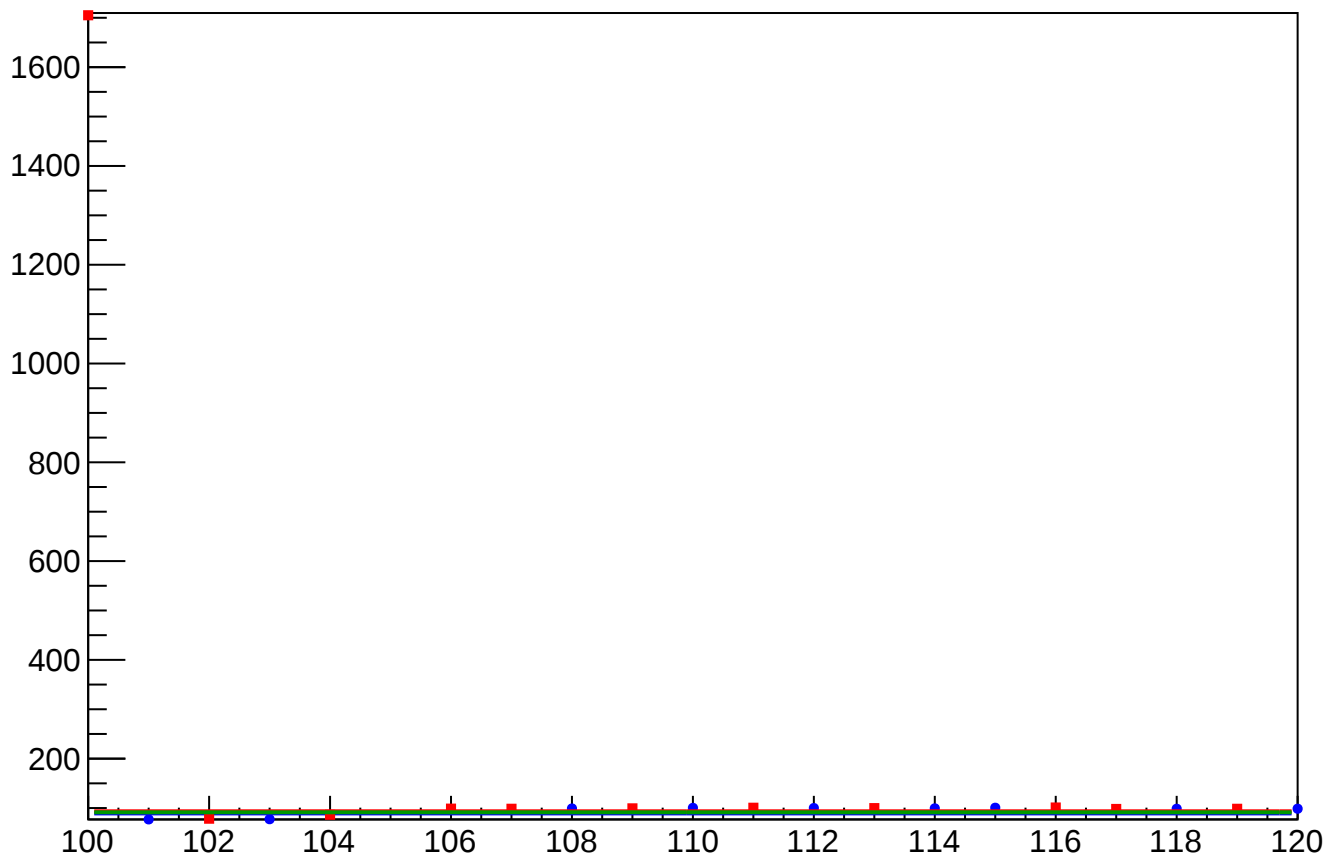
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

6.859+/-48.773 χ^2 /NDF: 4.8/8

6.117+/-33.987 χ^2 /NDF: 14.0/19

5.417+/-47.388 χ^2 /NDF: 9.2/10

asym_dsl_rms vs Slug, Sign Corrected



Right In: 89.139+/-0.034 χ^2/NDF : 103593.4/8

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

Right Out: 93.409+/-0.034 χ^2/NDF : 193639.1/10

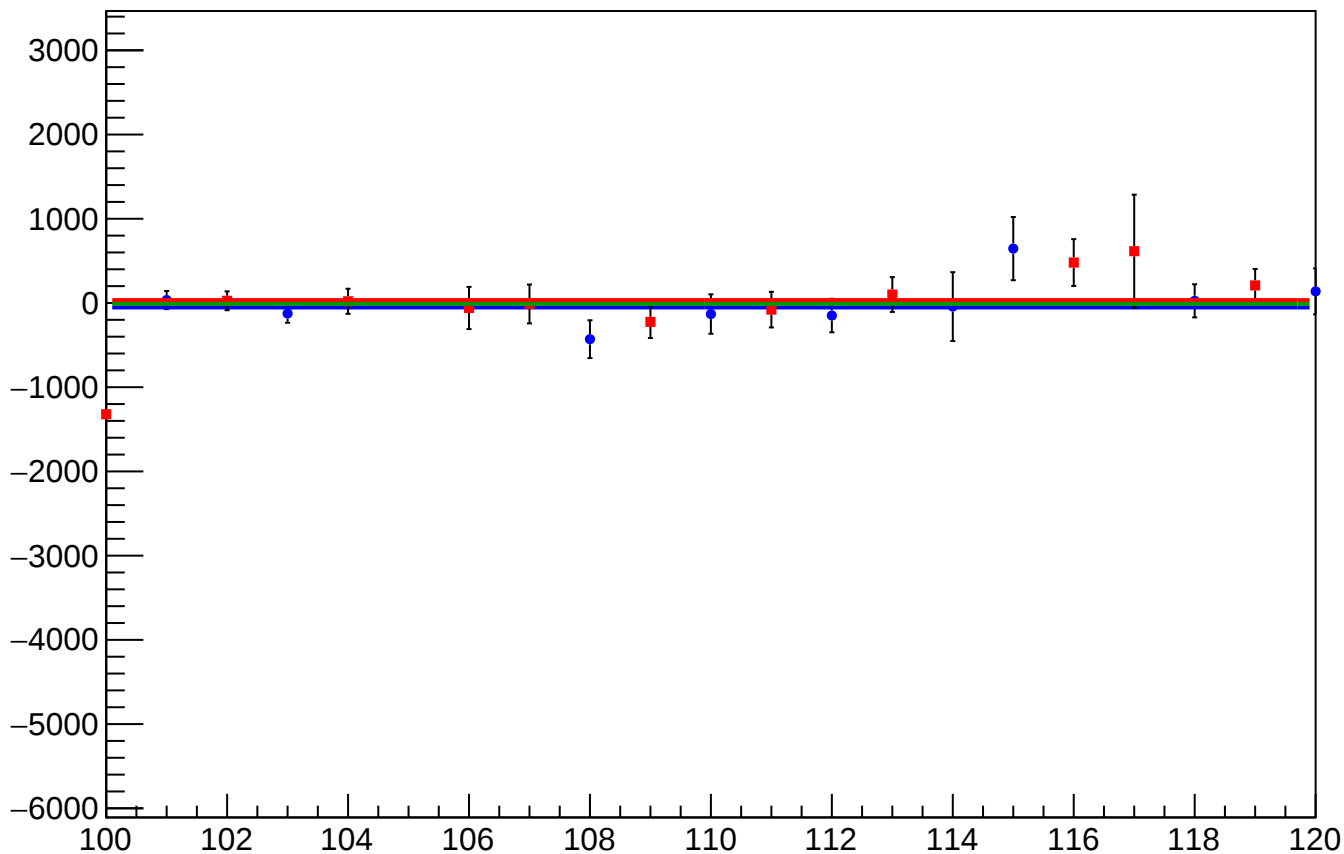
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

89.139+/-0.034 χ^2/NDF : 103593.4/8

91.335+/-0.024 χ^2/NDF : 305116.5/19

93.409+/-0.034 χ^2/NDF : 193639.1/10

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: -53.104 $\pm$ 59.245 χ^2 /NDF: 8.4/8

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

Right Out: 34.122 $\pm$ 60.372 χ^2 /NDF: 6.6/10

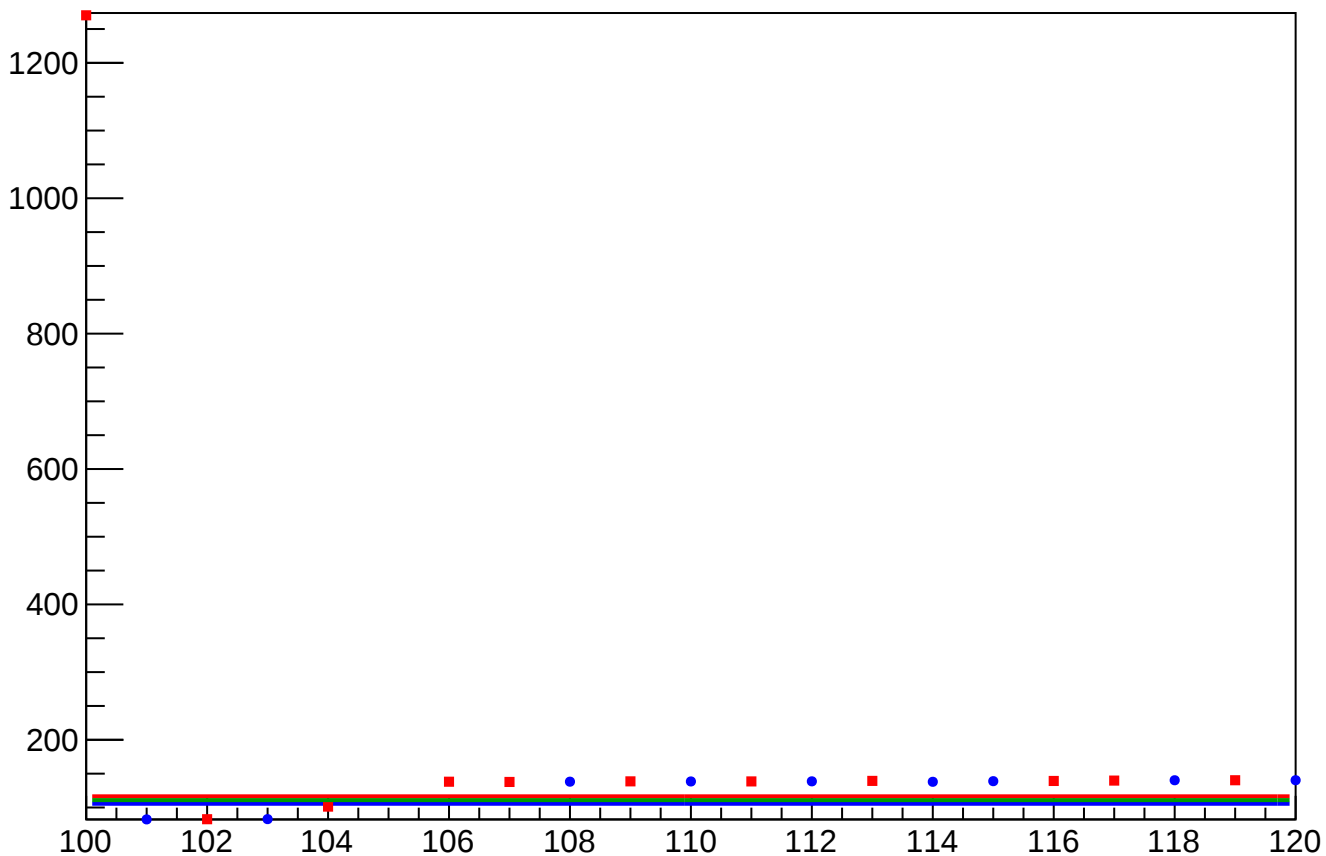
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-53.104 $\pm$ 59.245 χ^2 /NDF: 8.4/8

-10.312 $\pm$ 42.286 χ^2 /NDF: 16.0/19

34.122 $\pm$ 60.372 χ^2 /NDF: 6.6/10

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 105.528+/-0.042 χ^2/NDF : 438116.0/8

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

Right Out: 116.502+/-0.043 χ^2/NDF : 469969.7/10

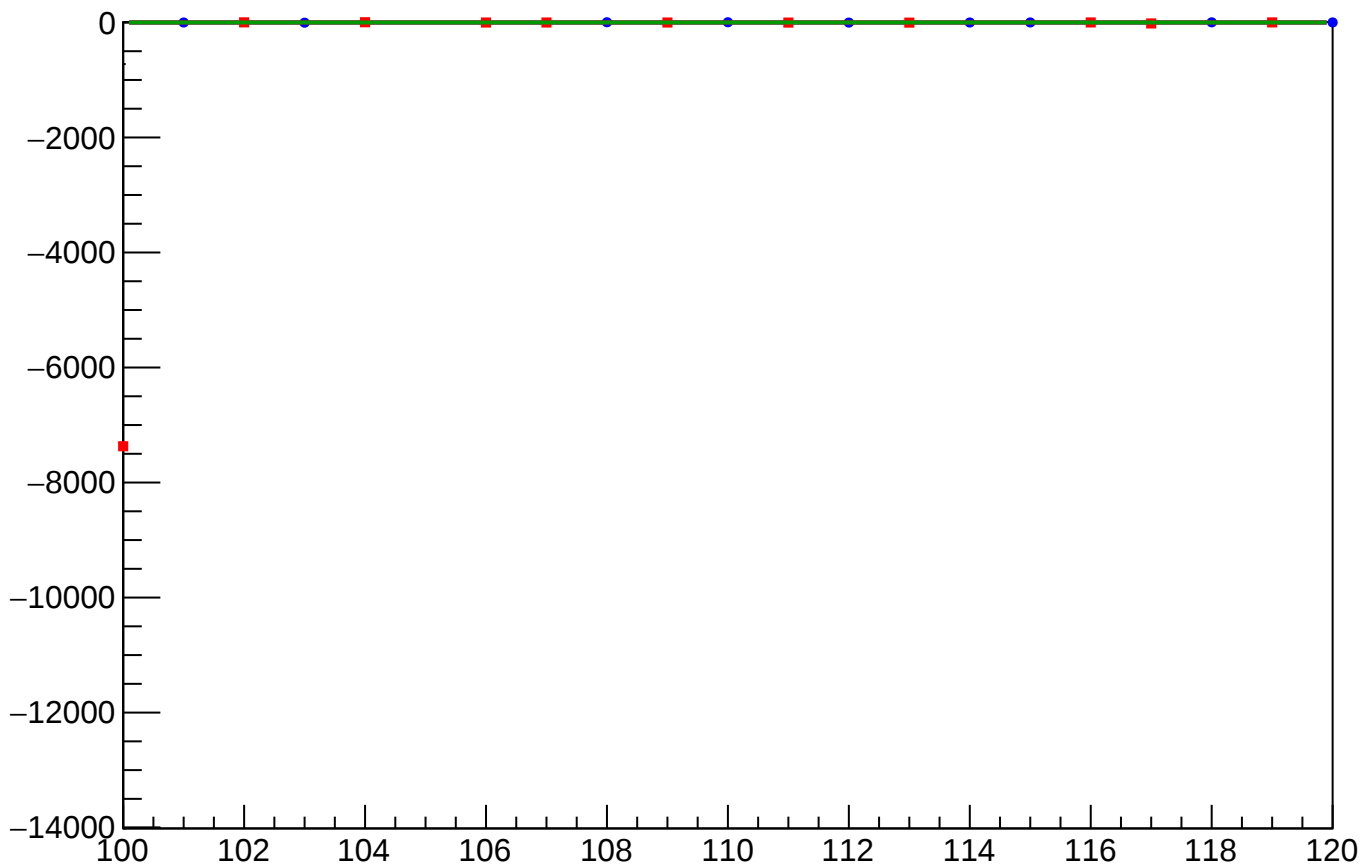
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.528+/-0.042 χ^2/NDF : 438116.0/8

110.912+/-0.030 χ^2/NDF : 941752.4/19

116.502+/-0.043 χ^2/NDF : 469969.7/10

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: -1.074+/-1.025 χ^2/NDF : 6.5/8

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

Right Out: 0.095+/-1.086 χ^2/NDF : 6.6/10

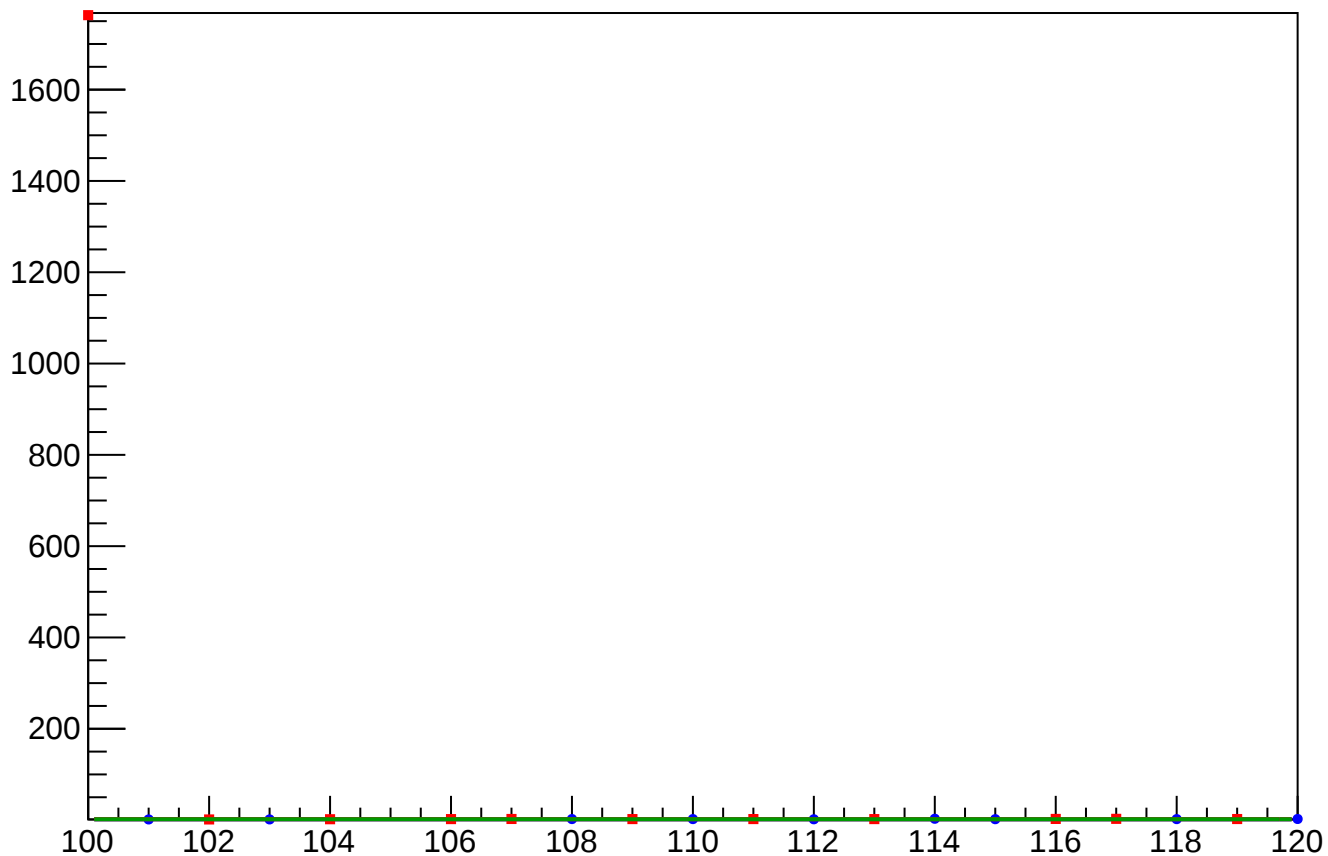
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.074+/-1.025 χ^2/NDF : 6.5/8

-0.524+/-0.745 χ^2/NDF : 13.7/19

0.095+/-1.086 χ^2/NDF : 6.6/10

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 1.700 $\pm$ 0.001 χ^2/NDF : 264342.1/8

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

Right Out: 1.940 $\pm$ 0.001 χ^2/NDF : 420253.6/10

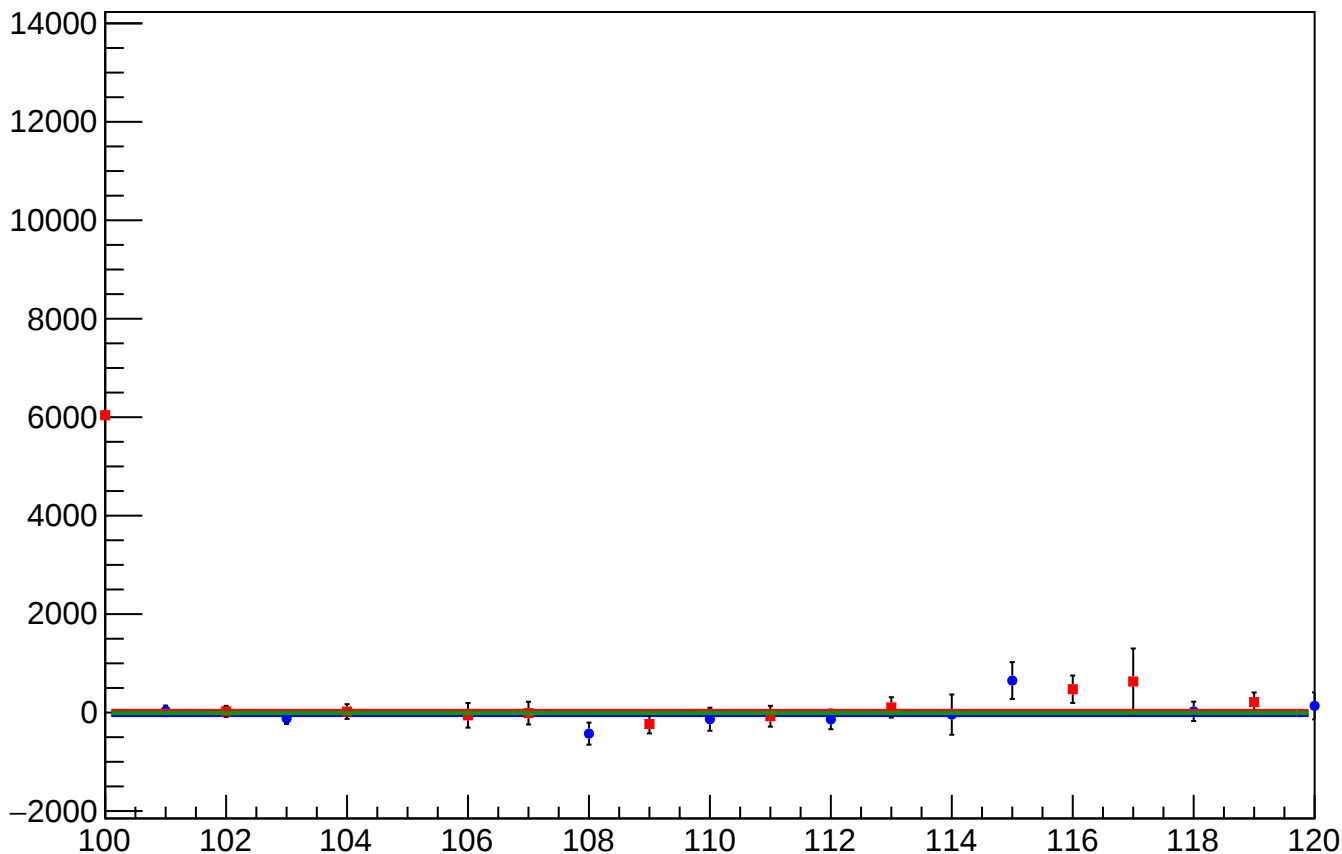
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.700 $\pm$ 0.001 χ^2/NDF : 264342.1/8

1.813 $\pm$ 0.001 χ^2/NDF : 736043.0/19

1.940 $\pm$ 0.001 χ^2/NDF : 420253.6/10

asym_dsr_mean vs Slug, Sign Corrected



Right In: -51.200+/-59.261 χ^2/NDF : 8.3/8

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

Right Out: 34.769+/-60.392 χ^2/NDF : 7.2/10

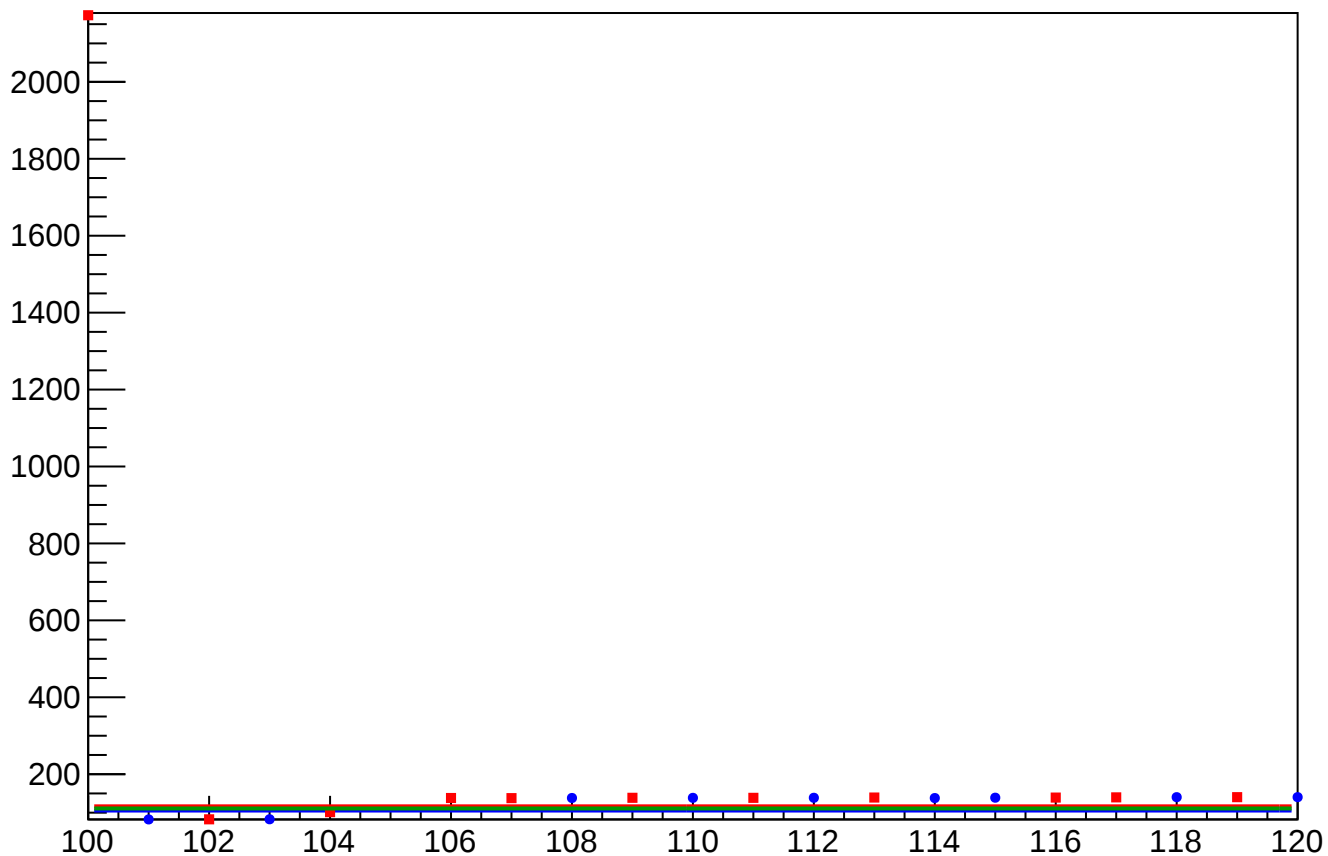
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-51.200+/-59.261 χ^2/NDF : 8.3/8

-9.028+/-42.298 χ^2/NDF : 16.5/19

34.769+/-60.392 χ^2/NDF : 7.2/10

asym_dsr_rms vs Slug, Sign Corrected



Right In: 105.555 $\pm$ 0.042 χ^2 /NDF: 438101.1/8

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

Right Out: 116.462 $\pm$ 0.043 χ^2 /NDF: 479913.7/10

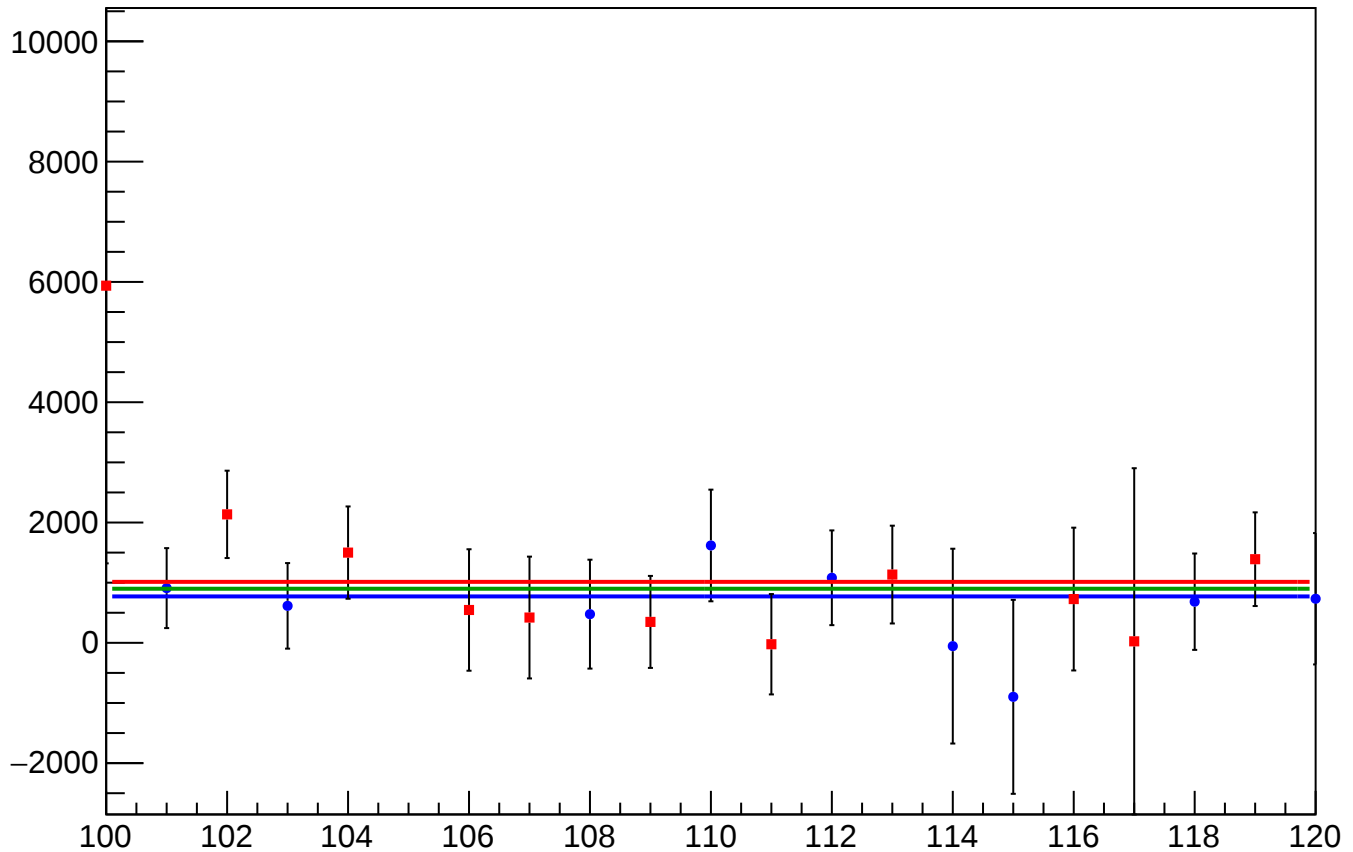
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

105.555 $\pm$ 0.042 χ^2 /NDF: 438101.1/8

110.905 $\pm$ 0.030 χ^2 /NDF: 951248.6/19

116.462 $\pm$ 0.043 χ^2 /NDF: 479913.7/10

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 771.535 $\pm$ 296.215 χ^2 /NDF: 2.5/8

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

Right Out: 1013.738 $\pm$ 280.194 χ^2 /NDF: 7.2/10

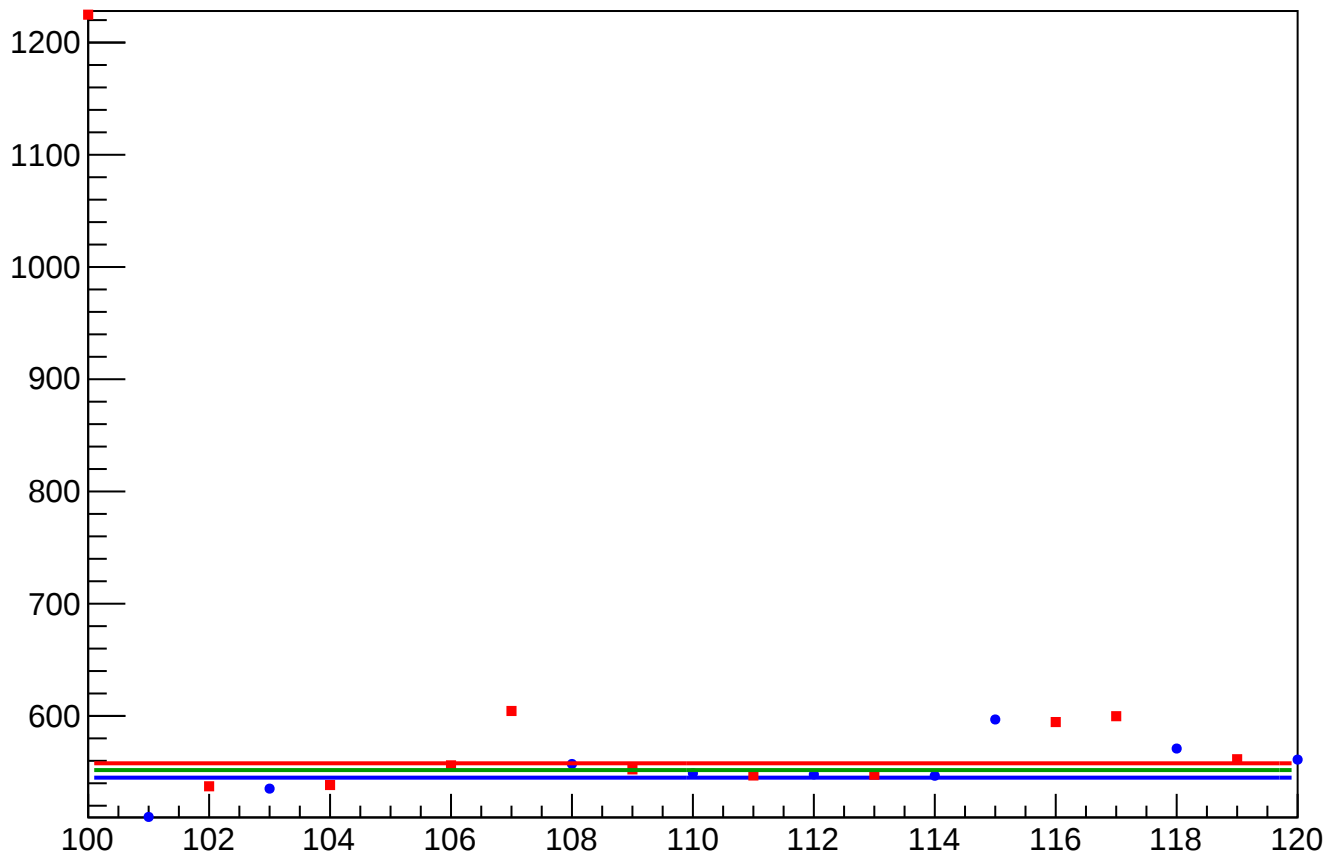
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

771.535 $\pm$ 296.215 χ^2 /NDF: 2.5/8

899.363 $\pm$ 203.556 χ^2 /NDF: 10.1/19

1013.738 $\pm$ 280.194 χ^2 /NDF: 7.2/10

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 545.008+/-0.209 χ^2/NDF : 10947.0/8

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

Right Out: 557.798+/-0.198 χ^2/NDF : 52010.0/10

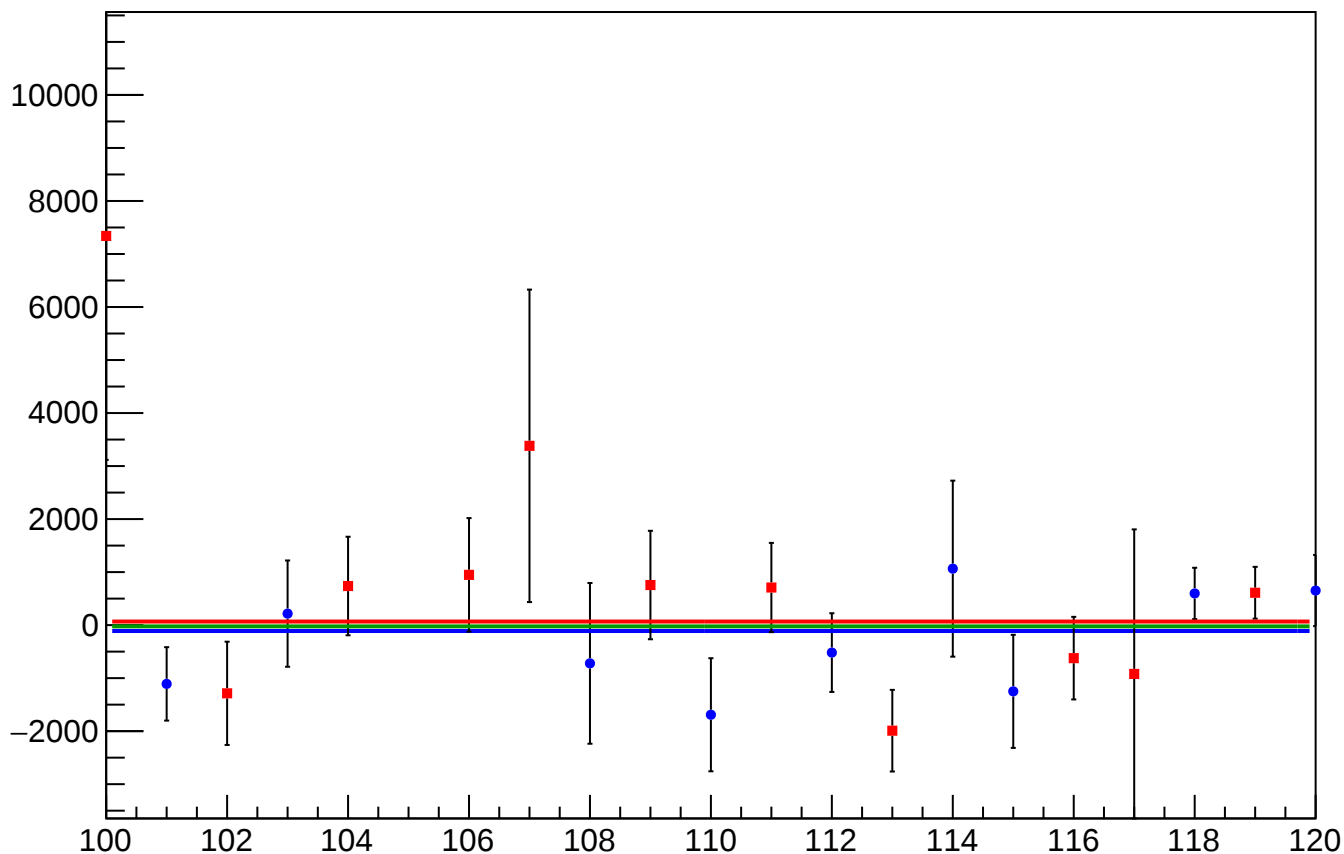
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

545.008+/-0.209 χ^2/NDF : 10947.0/8

551.758+/-0.144 χ^2/NDF : 64924.9/19

557.798+/-0.198 χ^2/NDF : 52010.0/10

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: -111.288+/-267.852 χ^2/NDF : 9.9/8

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

Right Out: 67.535+/-274.380 χ^2/NDF : 17.7/10

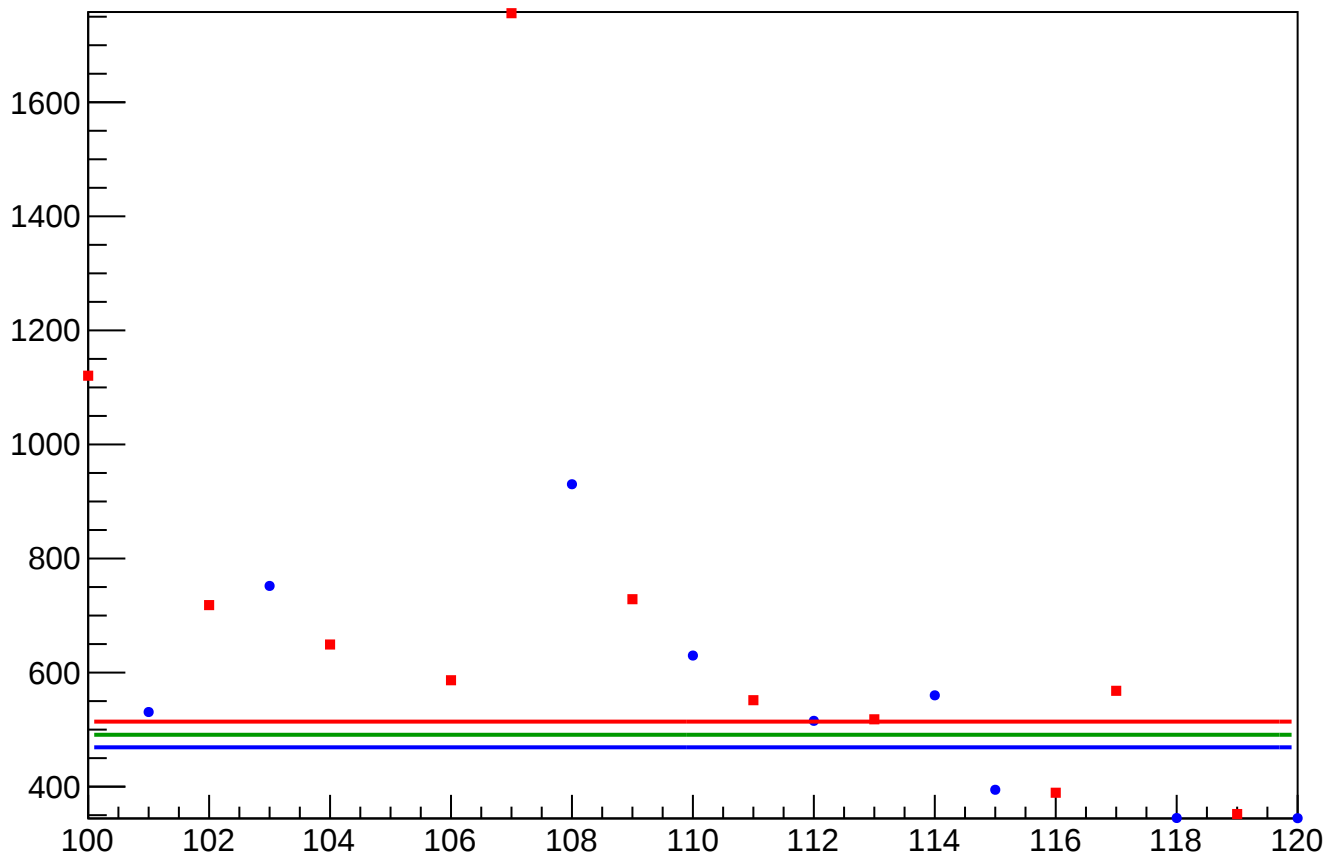
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-111.288+/-267.852 χ^2/NDF : 9.9/8

-24.029+/-191.666 χ^2/NDF : 27.8/19

67.535+/-274.380 χ^2/NDF : 17.7/10

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 468.988+/-0.189 χ^2/NDF : 629263.0/8

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

Right Out: 514.036+/-0.194 χ^2/NDF : 900310.6/10

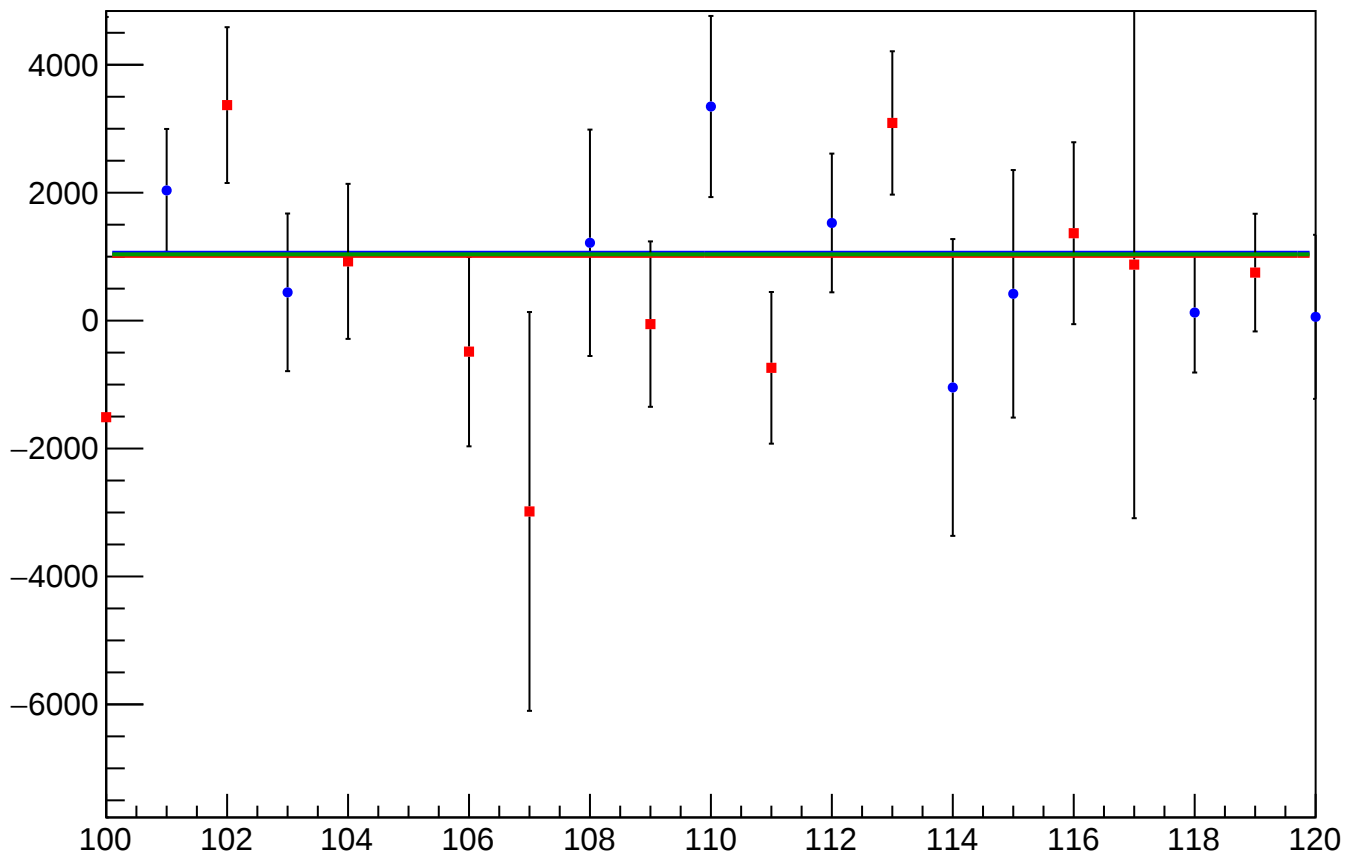
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

468.988+/-0.189 χ^2/NDF : 629263.0/8

490.970+/-0.136 χ^2/NDF : 1557177.8/19

514.036+/-0.194 χ^2/NDF : 900310.6/10

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1060.792+/-422.273 χ^2/NDF : 6.6/8

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

Right Out: 1012.479+/-415.770 χ^2/NDF : 13.0/10

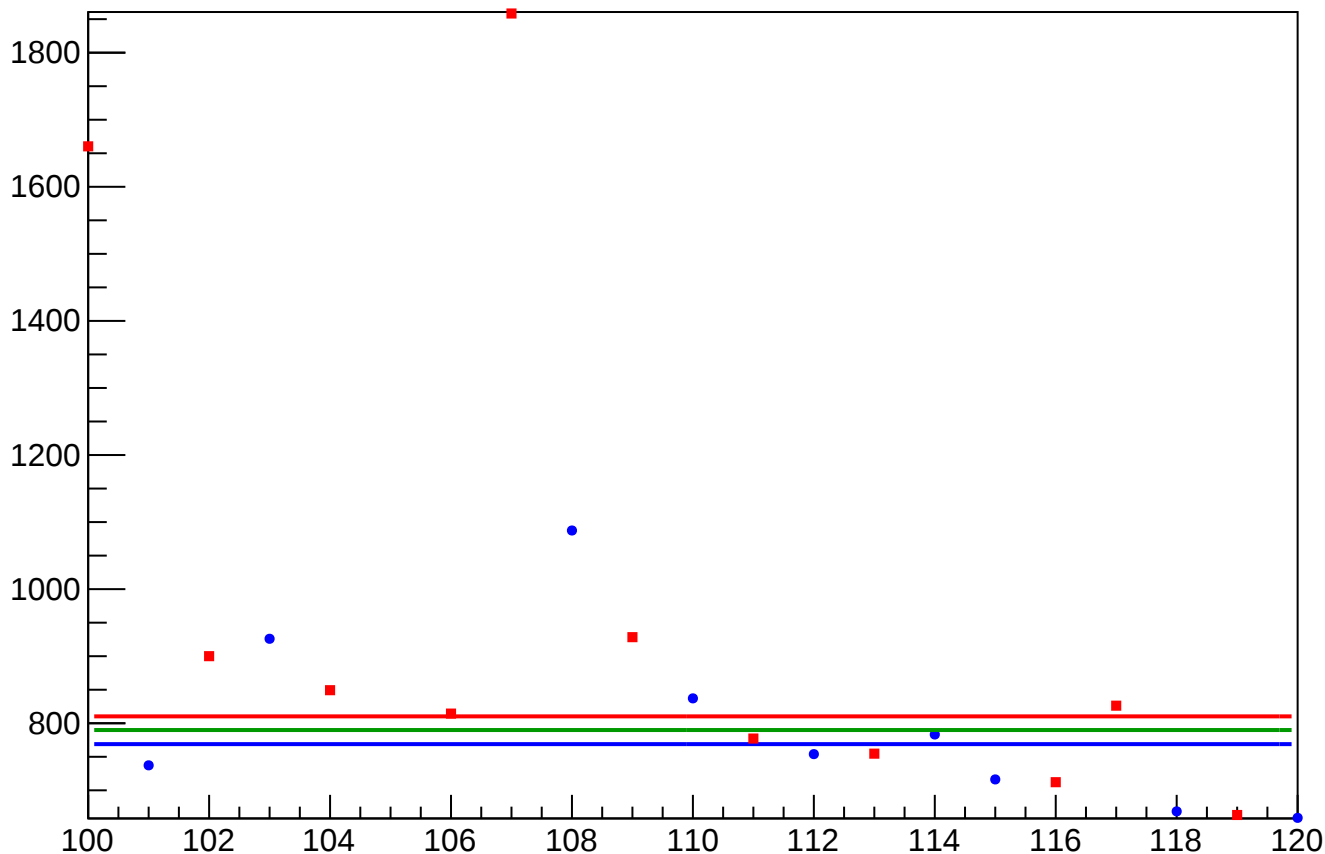
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1060.792+/-422.273 χ^2/NDF : 6.6/8

1036.260+/-296.266 χ^2/NDF : 19.6/19

1012.479+/-415.770 χ^2/NDF : 13.0/10

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 768.880+/-0.299 χ^2/NDF : 143641.2/8

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

Right Out: 810.276+/-0.294 χ^2/NDF : 359785.5/10

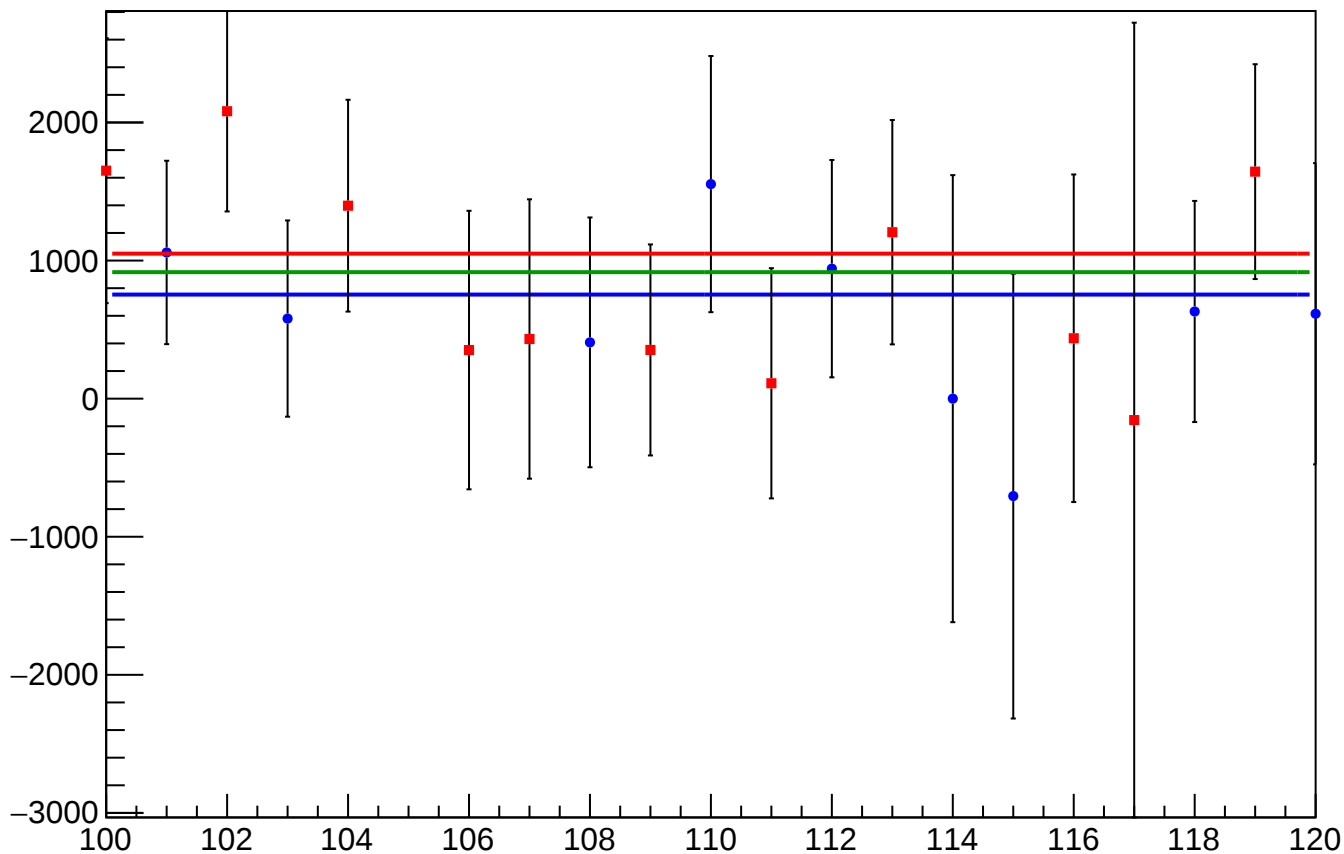
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

768.880+/-0.299 χ^2/NDF : 143641.2/8

789.899+/-0.209 χ^2/NDF : 513185.7/19

810.276+/-0.294 χ^2/NDF : 359785.5/10

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 753.734 $\pm$ 295.995 χ^2 /NDF: 2.3/8

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

Right Out: 1050.205 $\pm$ 269.222 χ^2 /NDF: 6.6/10

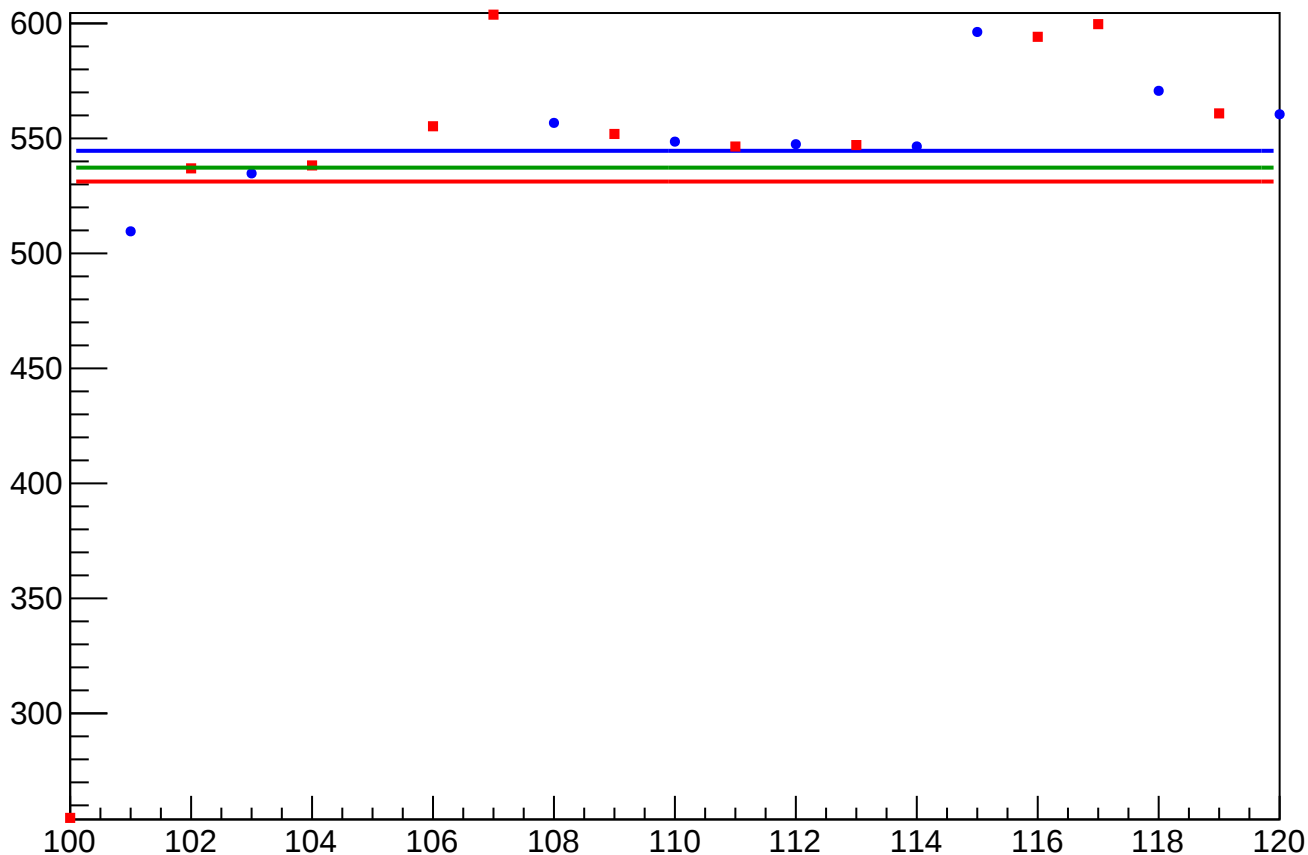
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

753.734 $\pm$ 295.995 χ^2 /NDF: 2.3/8

915.982 $\pm$ 199.163 χ^2 /NDF: 9.5/19

1050.205 $\pm$ 269.222 χ^2 /NDF: 6.6/10

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 544.603 $\pm$ 0.209 χ^2 /NDF: 10971.7/8

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

Right Out: 531.246 $\pm$ 0.190 χ^2 /NDF: 190627.7/10

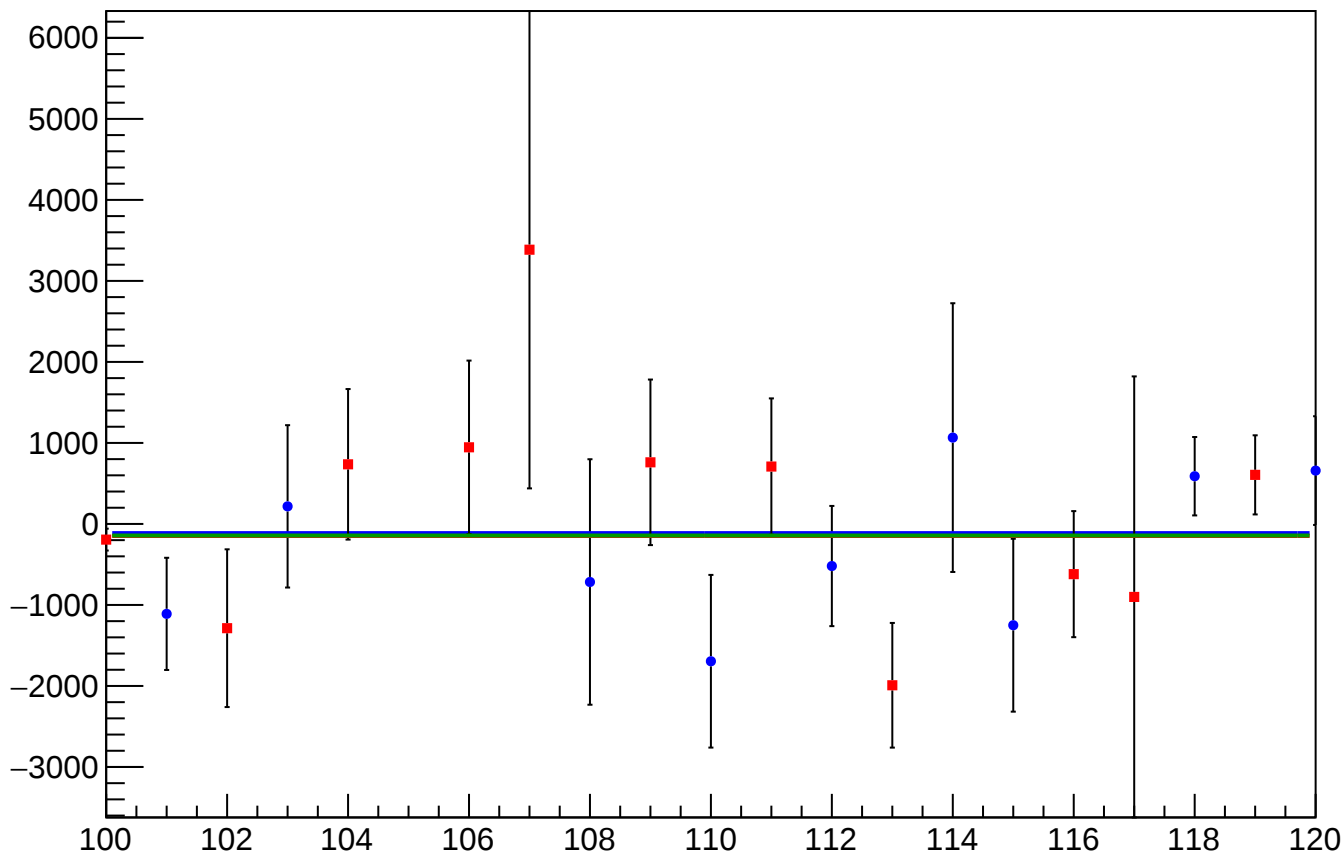
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

544.603 $\pm$ 0.209 χ^2 /NDF: 10971.7/8

537.293 $\pm$ 0.141 χ^2 /NDF: 203828.1/19

531.246 $\pm$ 0.190 χ^2 /NDF: 190627.7/10

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: -113.241+/-267.755 χ^2/NDF : 9.9/8

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

Right Out: -148.981+/-121.145 χ^2/NDF : 15.3/10

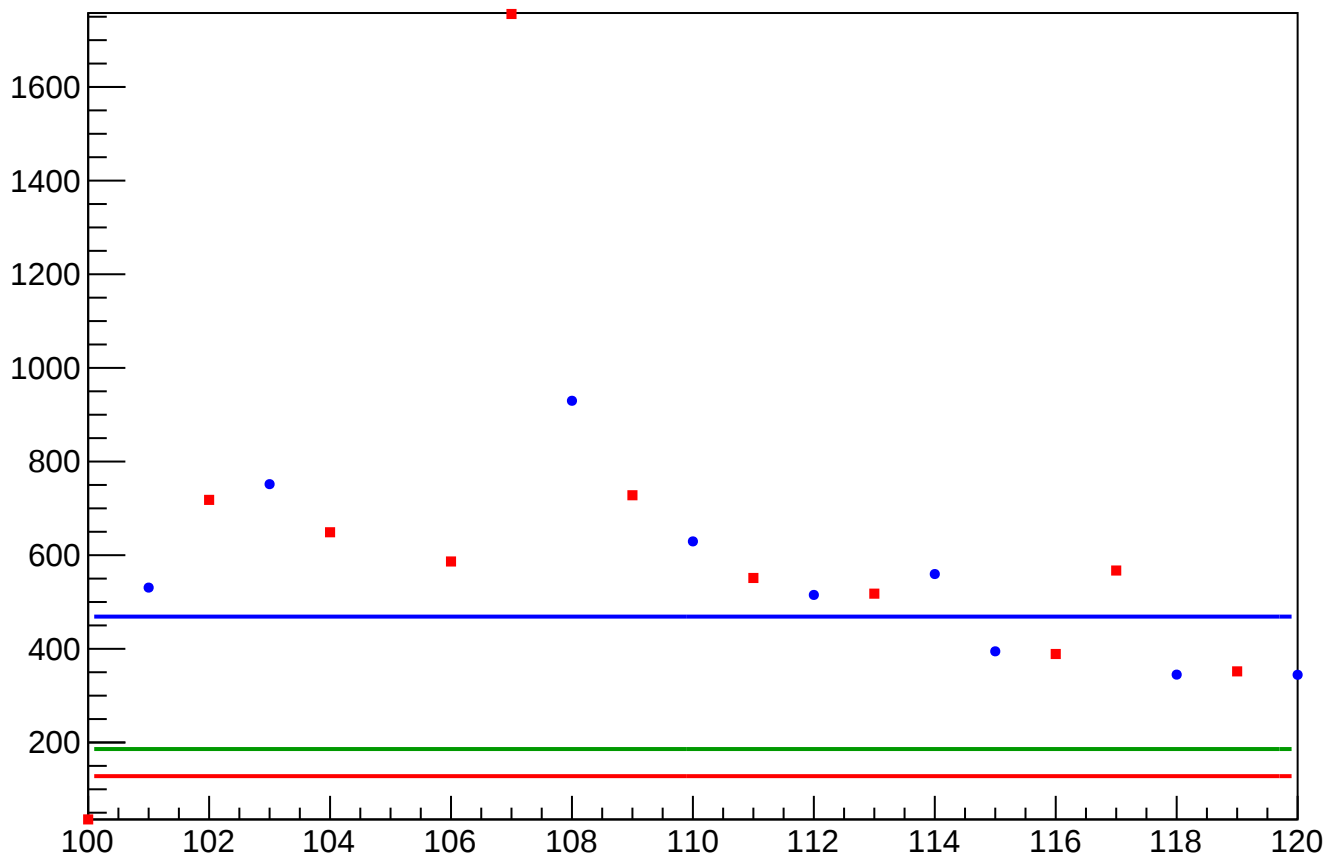
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-113.241+/-267.755 χ^2/NDF : 9.9/8

-142.908+/-110.373 χ^2/NDF : 25.2/19

-148.981+/-121.145 χ^2/NDF : 15.3/10

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 468.829+/-0.189 χ^2/NDF : 629116.4/8

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

Right Out: 128.084+/-0.086 χ^2/NDF : 5683311.8/10

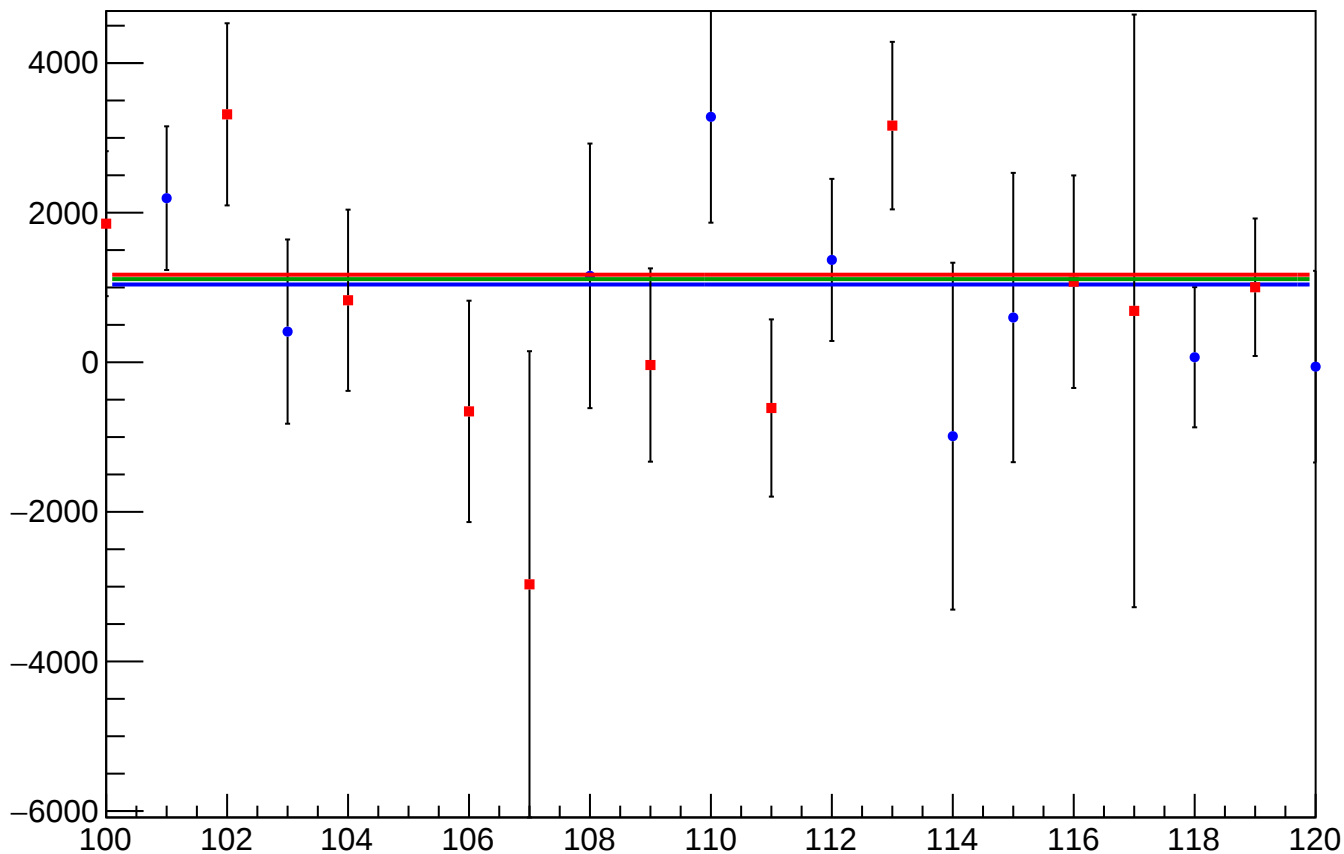
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

468.829+/-0.189 χ^2/NDF : 629116.4/8

185.984+/-0.078 χ^2/NDF : 9001059.6/19

128.084+/-0.086 χ^2/NDF : 5683311.8/10

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1039.939 $\pm$ 422.029 χ^2 /NDF: 6.9/8

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

Right Out: 1170.780 $\pm$ 382.595 χ^2 /NDF: 13.3/10

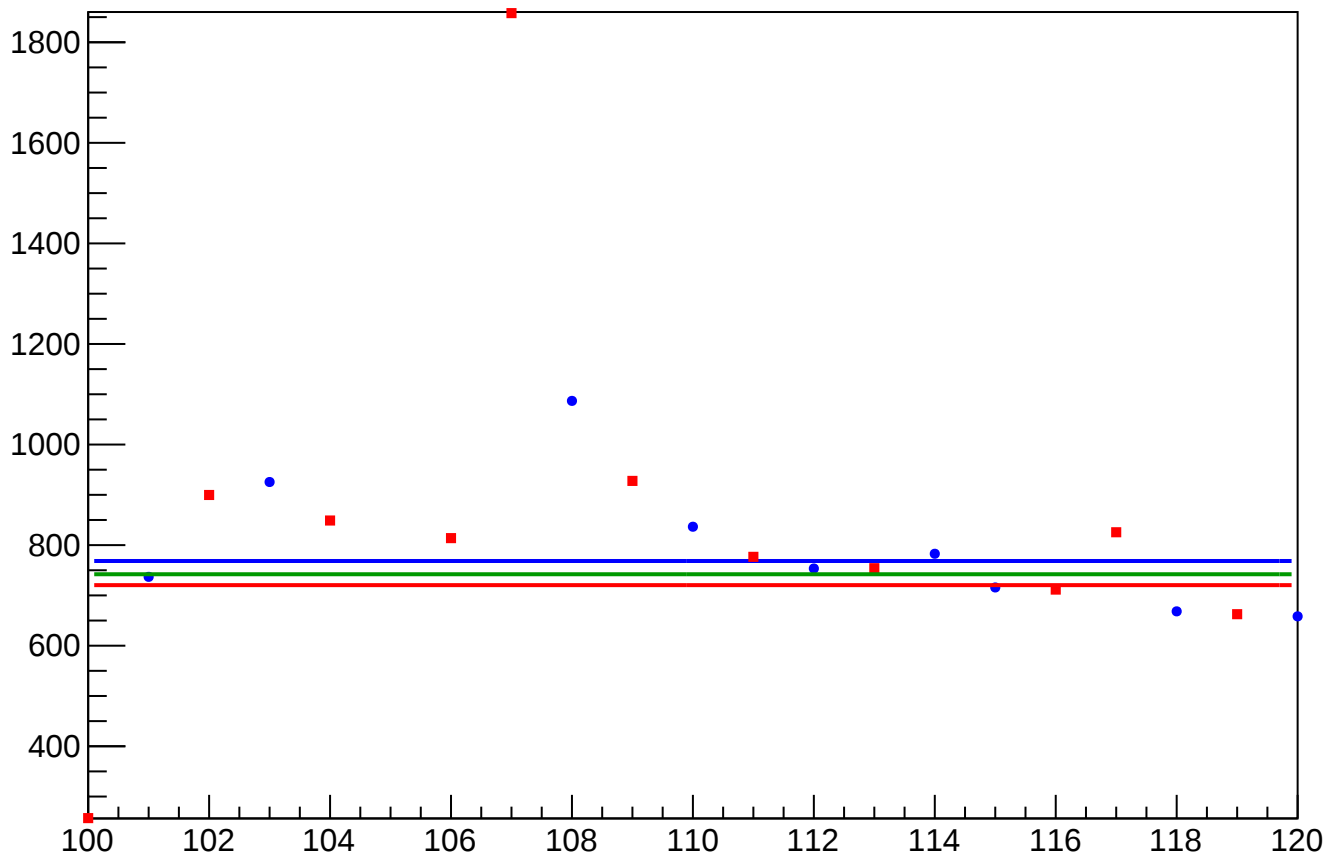
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1039.939 $\pm$ 422.029 χ^2 /NDF: 6.9/8

1111.756 $\pm$ 283.454 χ^2 /NDF: 20.3/19

1170.780 $\pm$ 382.595 χ^2 /NDF: 13.3/10

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 768.435 $\pm$ 0.298 χ^2 /NDF: 143670.4/8

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

Right Out: 720.423 $\pm$ 0.271 χ^2 /NDF: 864535.2/10

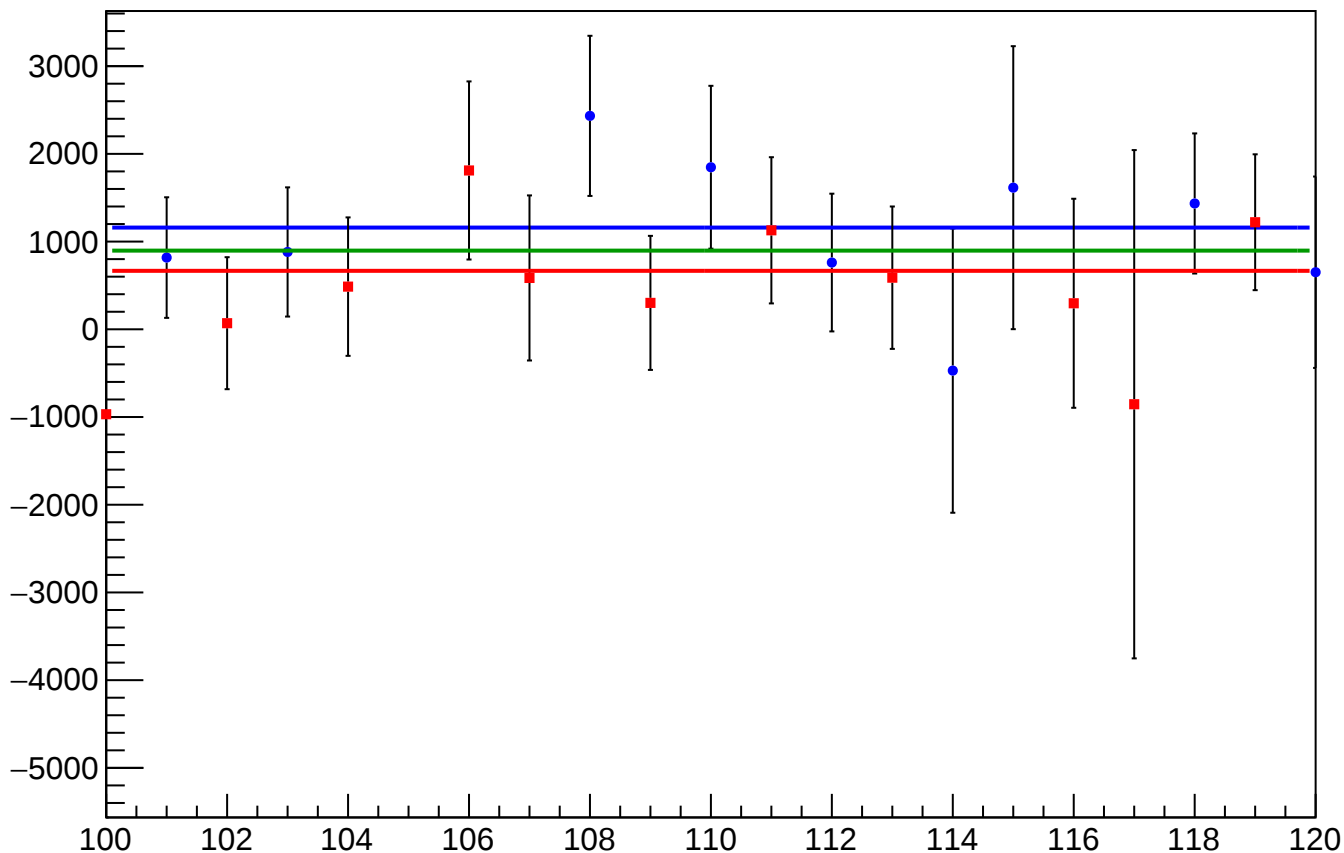
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

768.435 $\pm$ 0.298 χ^2 /NDF: 143670.4/8

742.082 $\pm$ 0.200 χ^2 /NDF: 1022413.0/19

720.423 $\pm$ 0.271 χ^2 /NDF: 864535.2/10

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1159.746 $\pm$ 299.926 χ^2 /NDF: 4.6/8

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

Right Out: 666.570 $\pm$ 280.824 χ^2 /NDF: 3.5/10

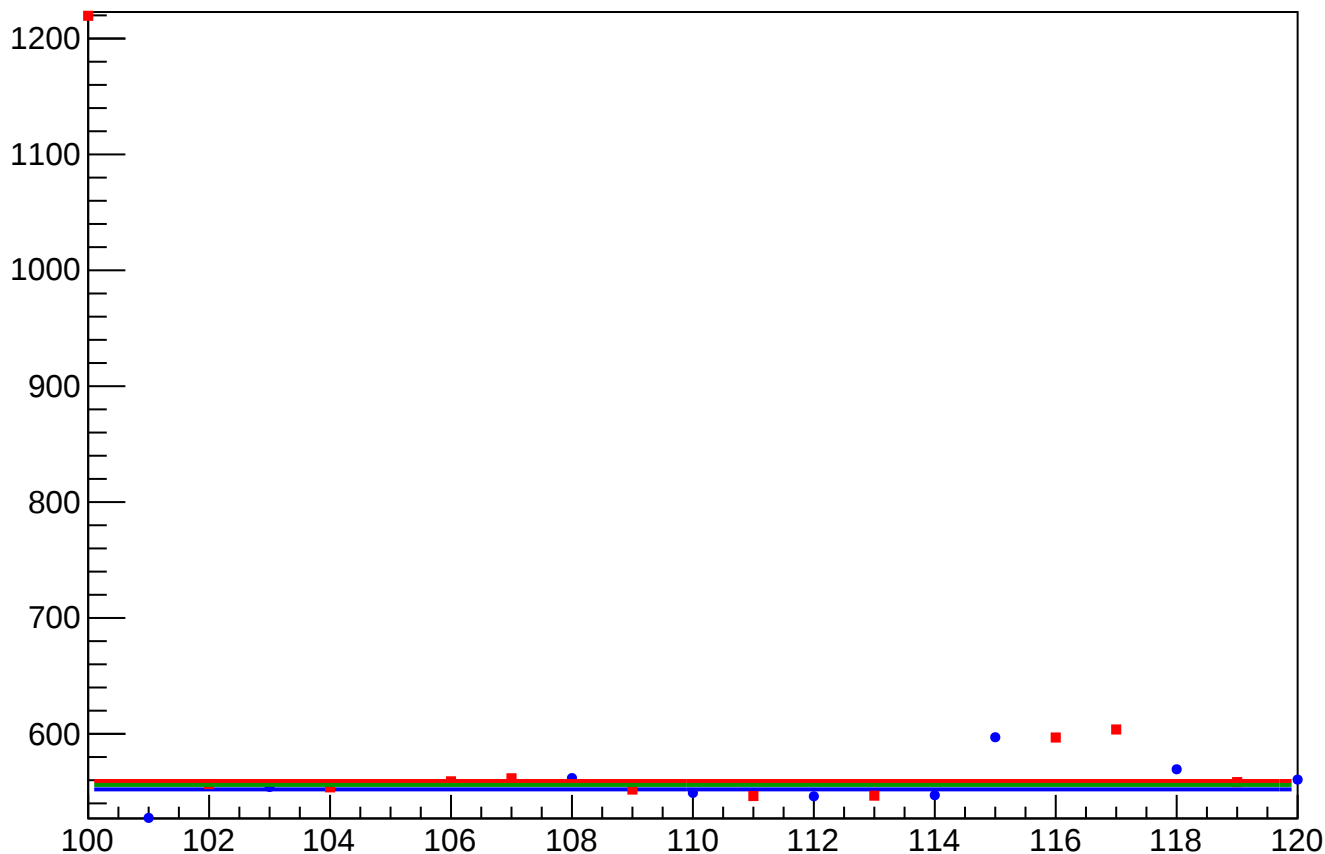
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1159.746 $\pm$ 299.926 χ^2 /NDF: 4.6/8

896.954 $\pm$ 204.993 χ^2 /NDF: 9.5/19

666.570 $\pm$ 280.824 χ^2 /NDF: 3.5/10

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 552.086+/-0.212 χ^2/NDF : 5579.9/8

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

Right Out: 559.305+/-0.199 χ^2/NDF : 45015.0/10

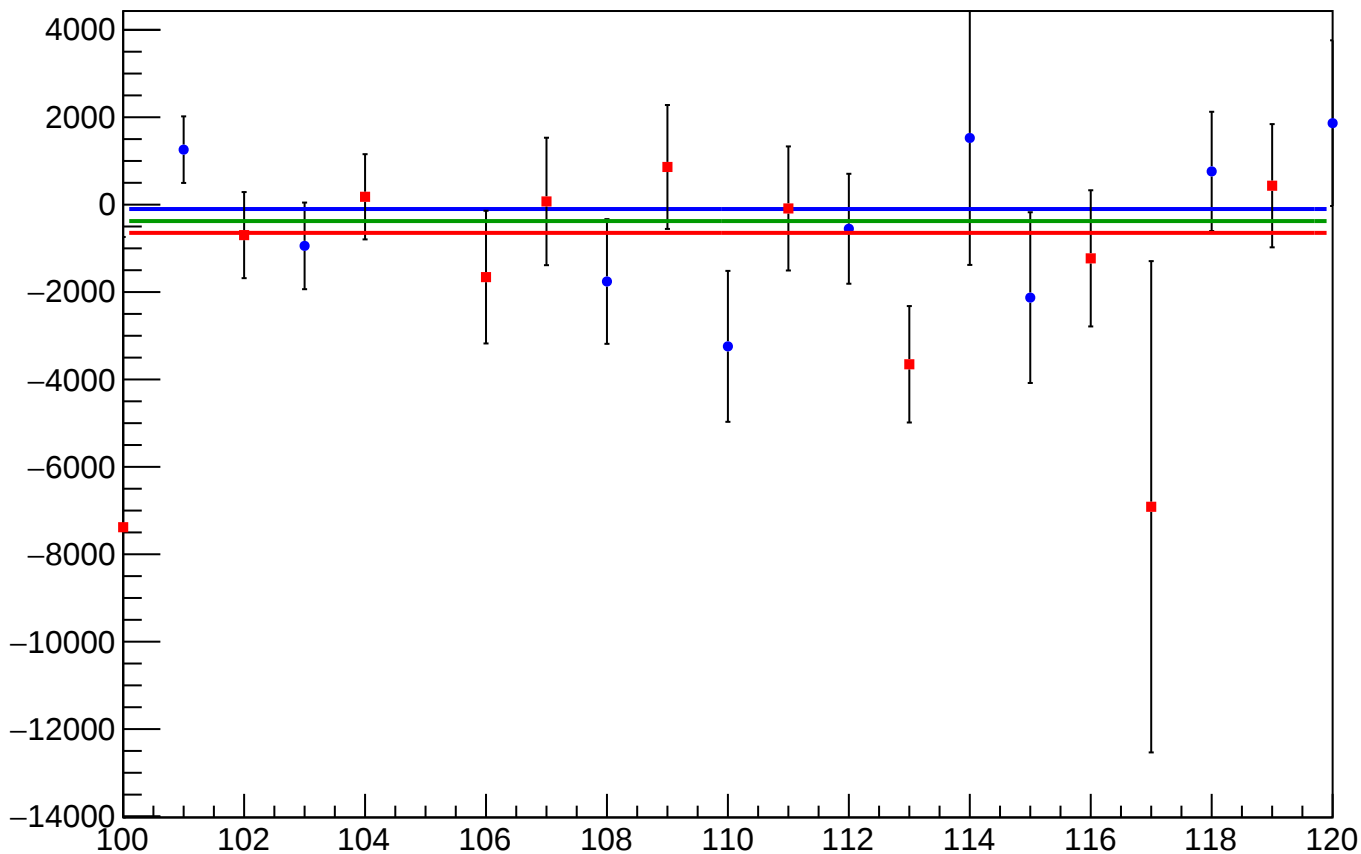
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

552.086+/-0.212 χ^2/NDF : 5579.9/8

555.933+/-0.145 χ^2/NDF : 51212.2/19

559.305+/-0.199 χ^2/NDF : 45015.0/10

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: -99.801+/-430.474 χ^2/NDF : 11.6/8

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

Right Out: -645.731+/-425.884 χ^2/NDF : 10.8/10

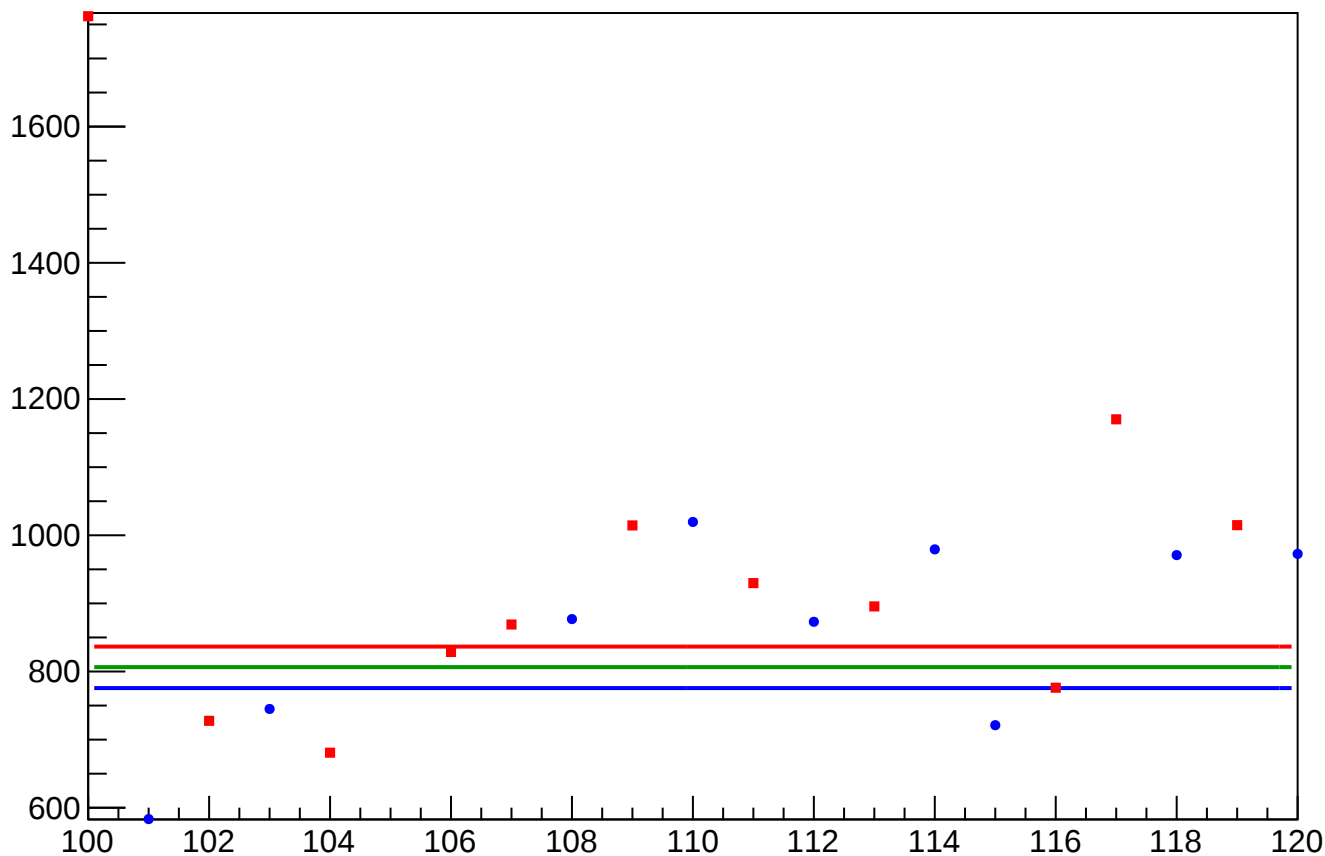
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-99.801+/-430.474 χ^2/NDF : 11.6/8

-375.692+/-302.755 χ^2/NDF : 23.2/19

-645.731+/-425.884 χ^2/NDF : 10.8/10

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 775.654+/-0.304 χ^2/NDF : 265344.8/8

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

Right Out: 836.582+/-0.301 χ^2/NDF : 201480.0/10

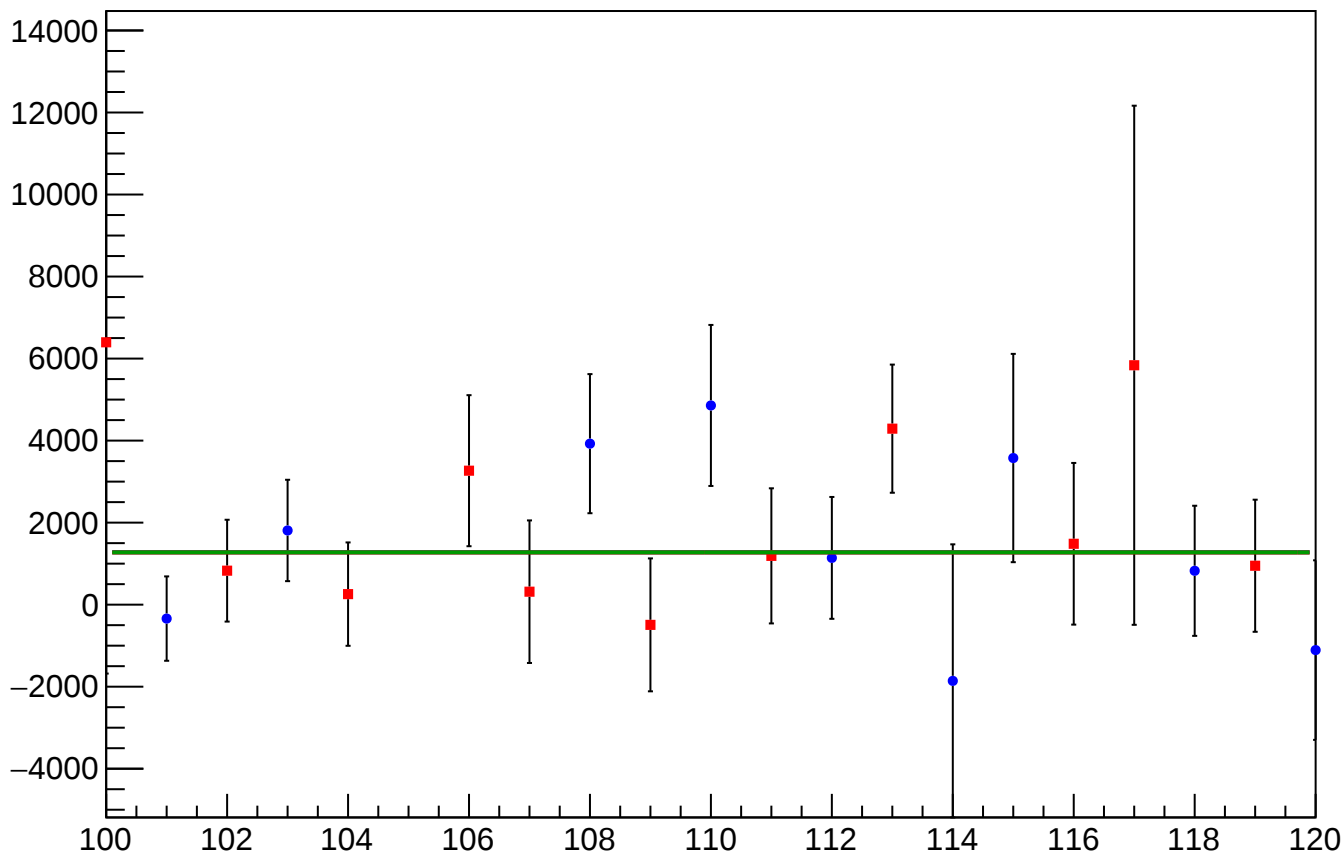
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

775.654+/-0.304 χ^2/NDF : 265344.8/8

806.445+/-0.214 χ^2/NDF : 487072.2/19

836.582+/-0.301 χ^2/NDF : 201480.0/10

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1278.306+/-533.645 χ^2/NDF : 11.4/8

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

Right Out: 1272.542+/-516.616 χ^2/NDF : 8.1/10

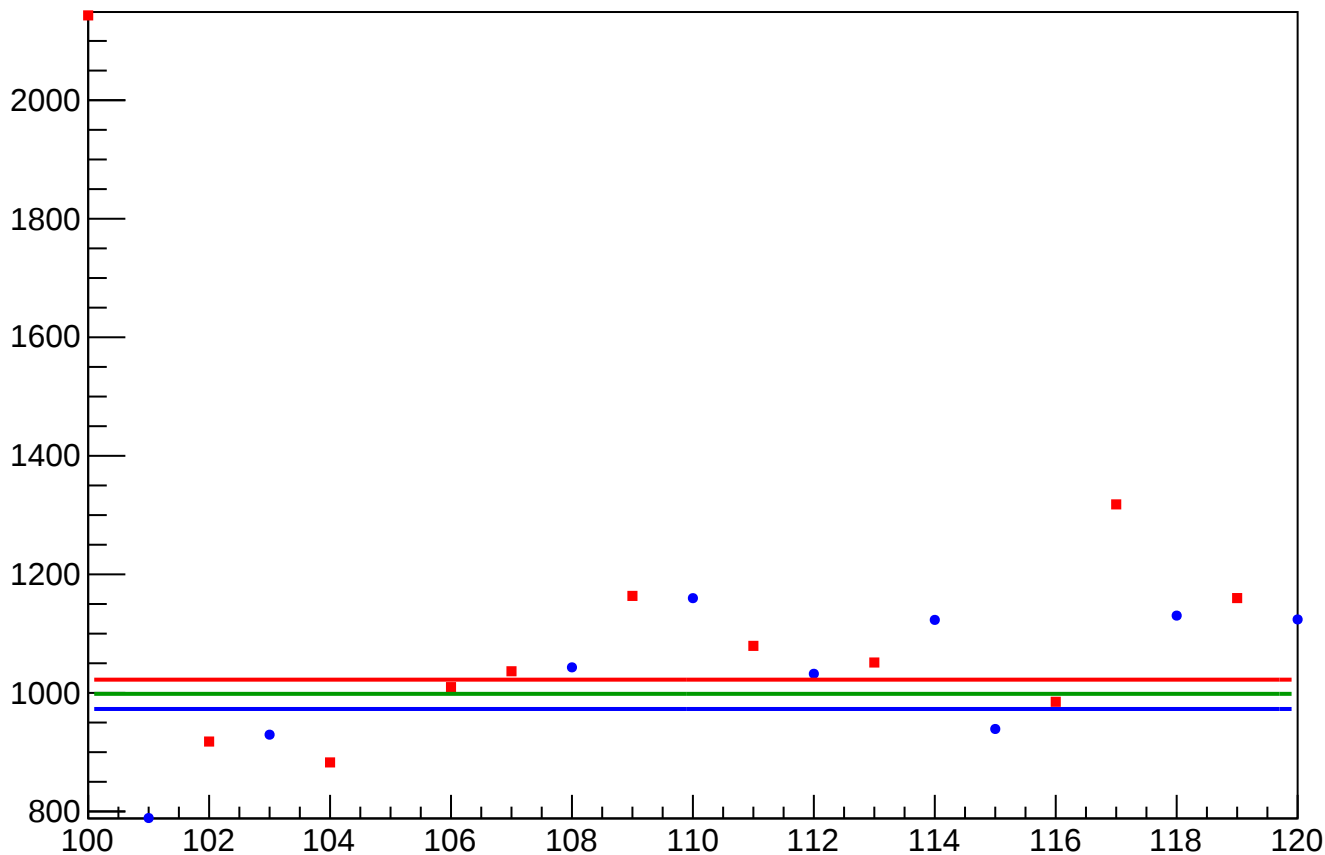
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1278.306+/-533.645 χ^2/NDF : 11.4/8

1275.330+/-371.177 χ^2/NDF : 19.6/19

1272.542+/-516.616 χ^2/NDF : 8.1/10

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 972.878+/-0.377 χ^2/NDF : 124899.8/8

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

Right Out: 1022.350+/-0.365 χ^2/NDF : 115414.1/10

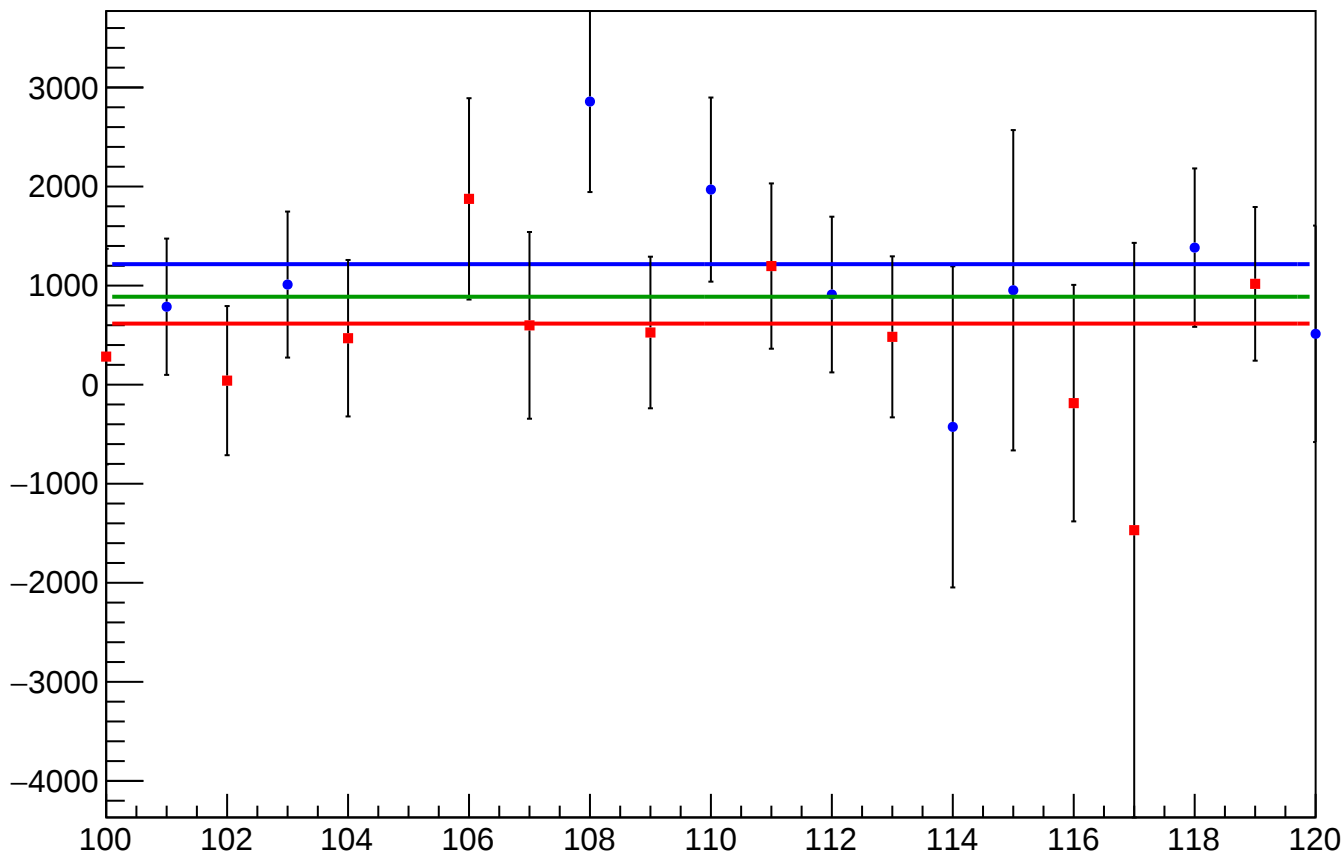
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

972.878+/-0.377 χ^2/NDF : 124899.8/8

998.416+/-0.262 χ^2/NDF : 249187.0/19

1022.350+/-0.365 χ^2/NDF : 115414.1/10

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1216.318 $\pm$ 300.236 χ^2 /NDF: 6.0/8

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

Right Out: 616.351 $\pm$ 272.707 χ^2 /NDF: 4.0/10

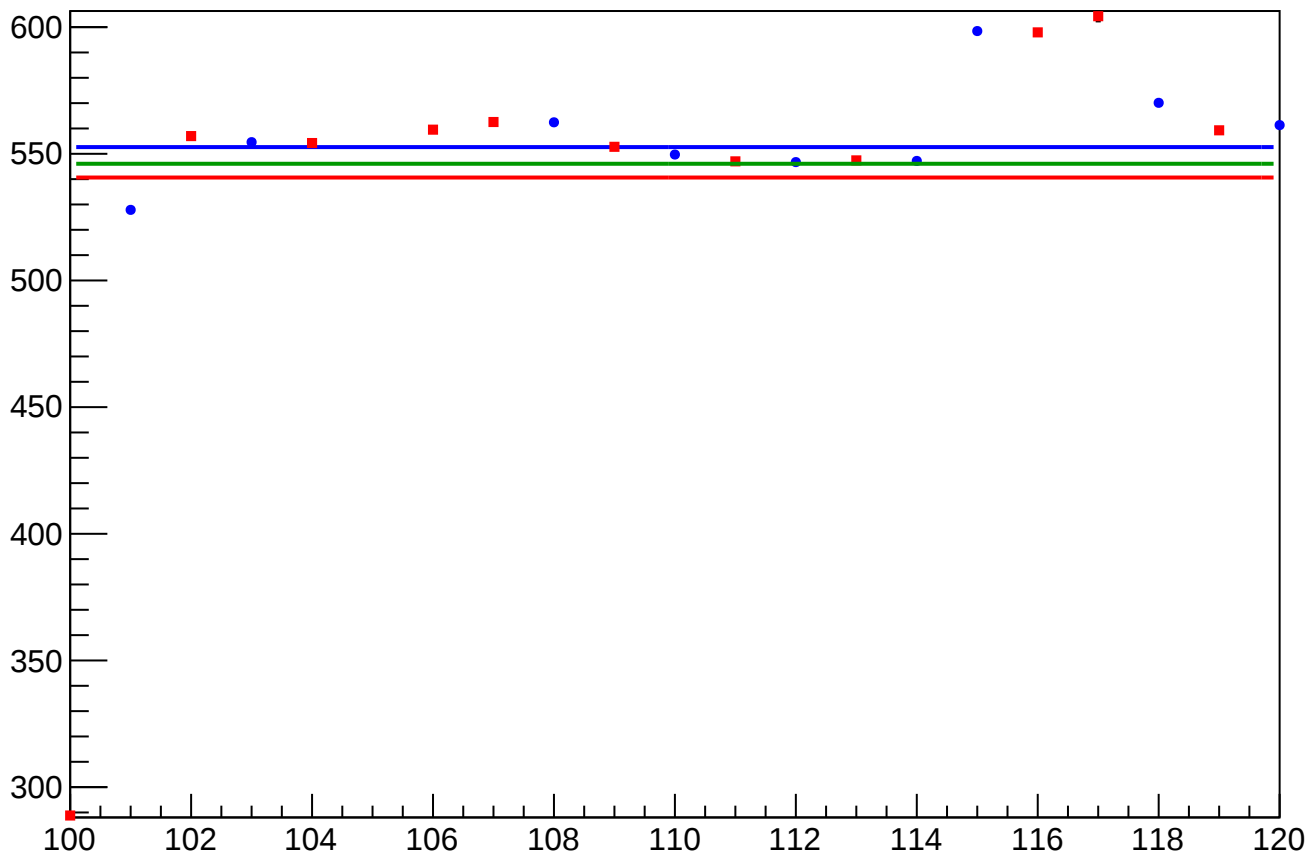
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1216.318 $\pm$ 300.236 χ^2 /NDF: 6.0/8

887.573 $\pm$ 201.865 χ^2 /NDF: 12.2/19

616.351 $\pm$ 272.707 χ^2 /NDF: 4.0/10

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 552.652 $\pm$ 0.212 χ^2 /NDF: 5681.0/8

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

Right Out: 540.637 $\pm$ 0.193 χ^2 /NDF: 117848.2/10

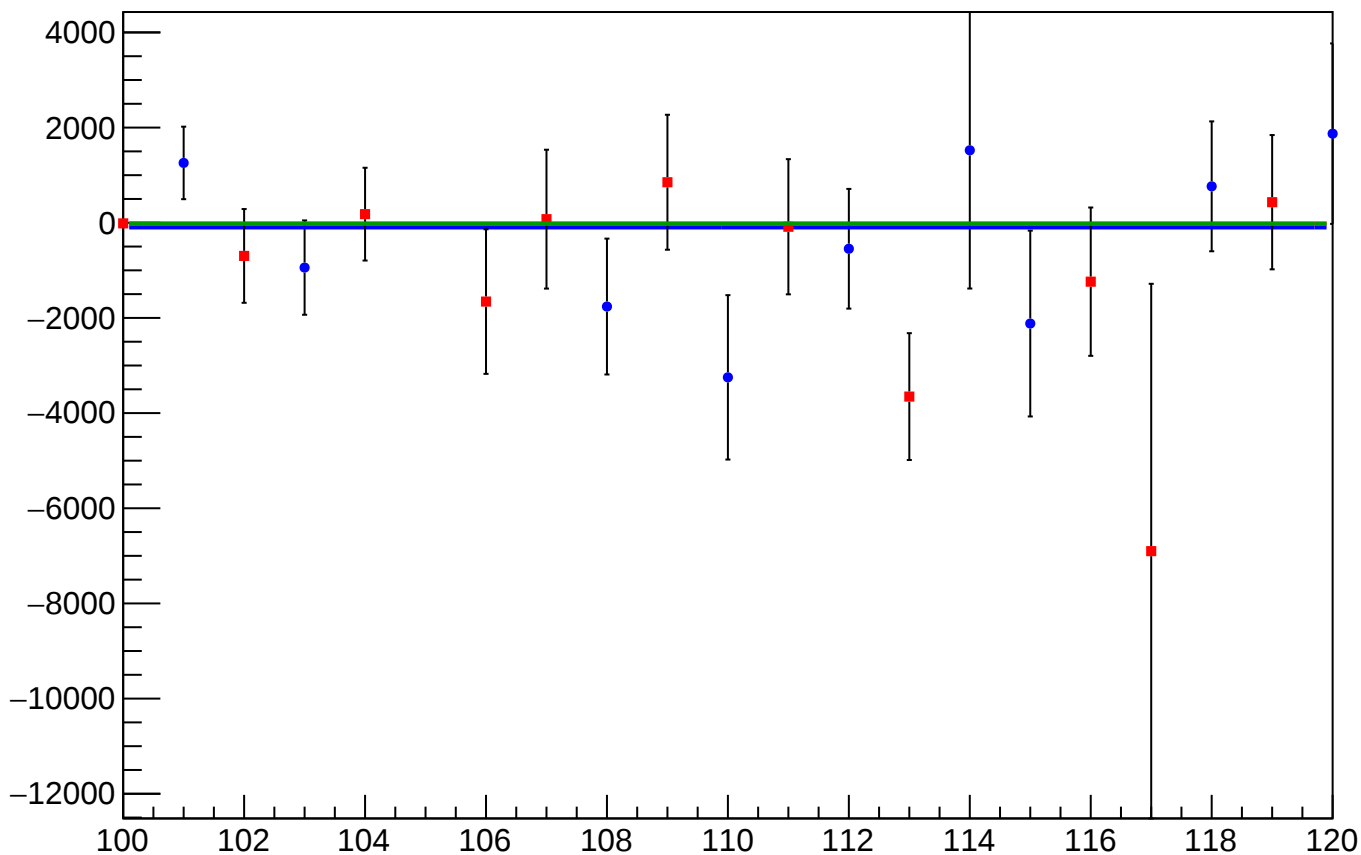
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

552.652 $\pm$ 0.212 χ^2 /NDF: 5681.0/8

546.069 $\pm$ 0.143 χ^2 /NDF: 125284.0/19

540.637 $\pm$ 0.193 χ^2 /NDF: 117848.2/10

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: -98.917+/-430.589 χ^2/NDF : 11.6/8

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

Right Out: -18.075+/-39.059 χ^2/NDF : 11.7/10

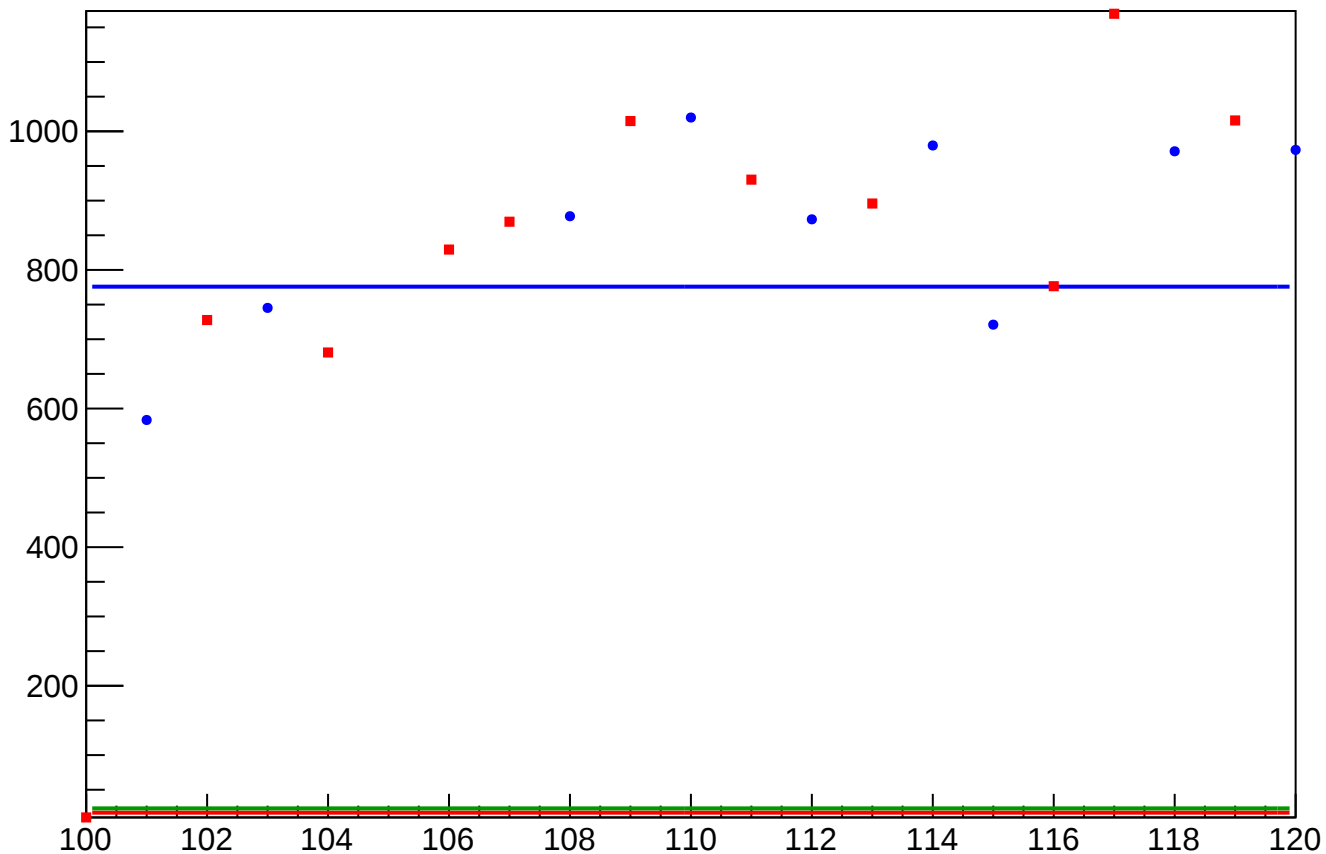
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-98.917+/-430.589 χ^2/NDF : 11.6/8

-18.734+/-38.899 χ^2/NDF : 23.3/19

-18.075+/-39.059 χ^2/NDF : 11.7/10

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 775.859 $\pm$ 0.304 χ^2 /NDF: 265393.7/8

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

Right Out: 16.932 $\pm$ 0.028 χ^2 /NDF: 7533338.9/10

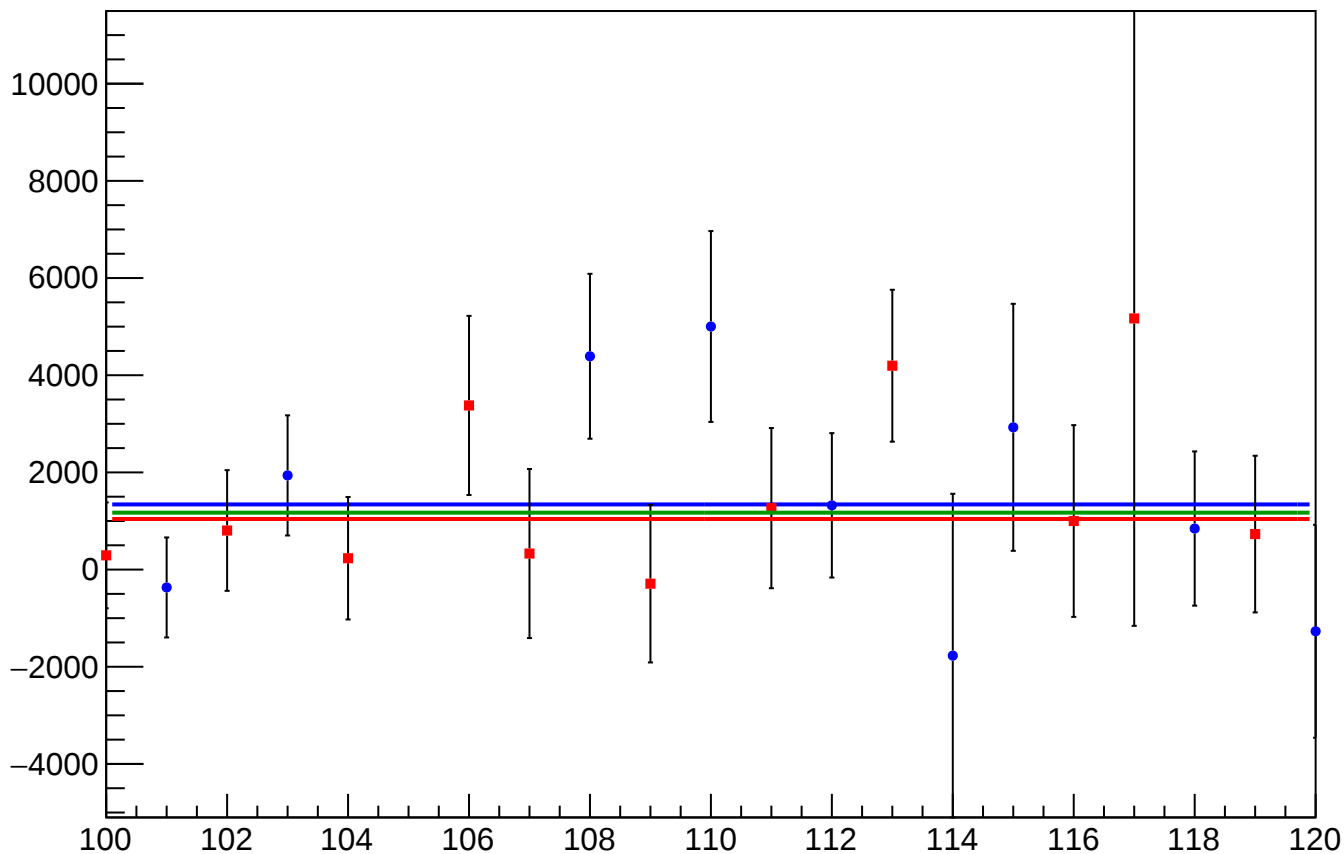
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

775.859 $\pm$ 0.304 χ^2 /NDF: 265393.7/8

23.126 $\pm$ 0.028 χ^2 /NDF: 13961058.2/19

16.932 $\pm$ 0.028 χ^2 /NDF: 7533338.9/10

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1341.159+/-533.919 χ^2/NDF : 12.5/8

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

Right Out: 1041.355+/-467.806 χ^2/NDF : 7.9/10

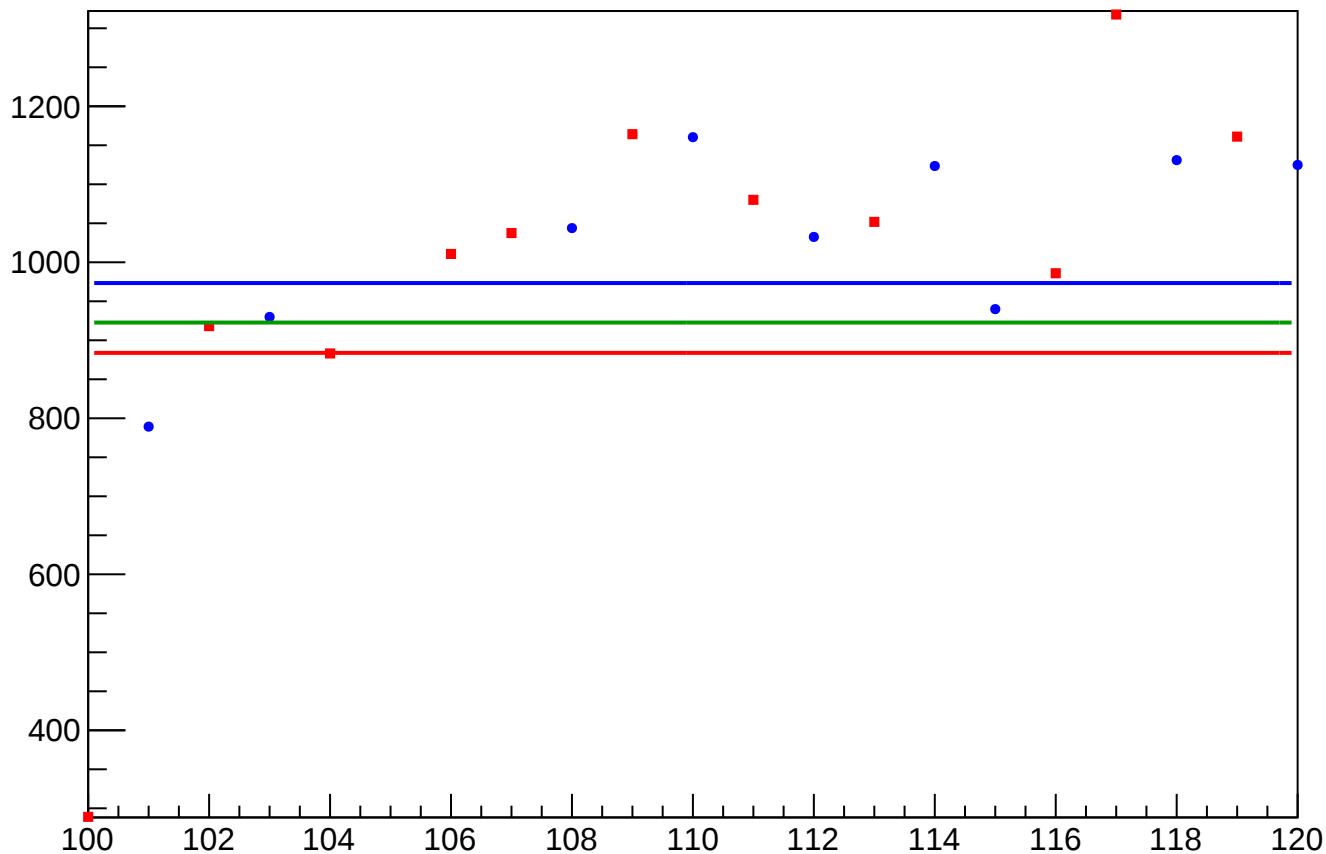
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1341.159+/-533.919 χ^2/NDF : 12.5/8

1171.556+/-351.855 χ^2/NDF : 20.6/19

1041.355+/-467.806 χ^2/NDF : 7.9/10

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 973.379+/-0.378 χ^2/NDF : 124878.5/8

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

Right Out: 883.883+/-0.331 χ^2/NDF : 808005.1/10

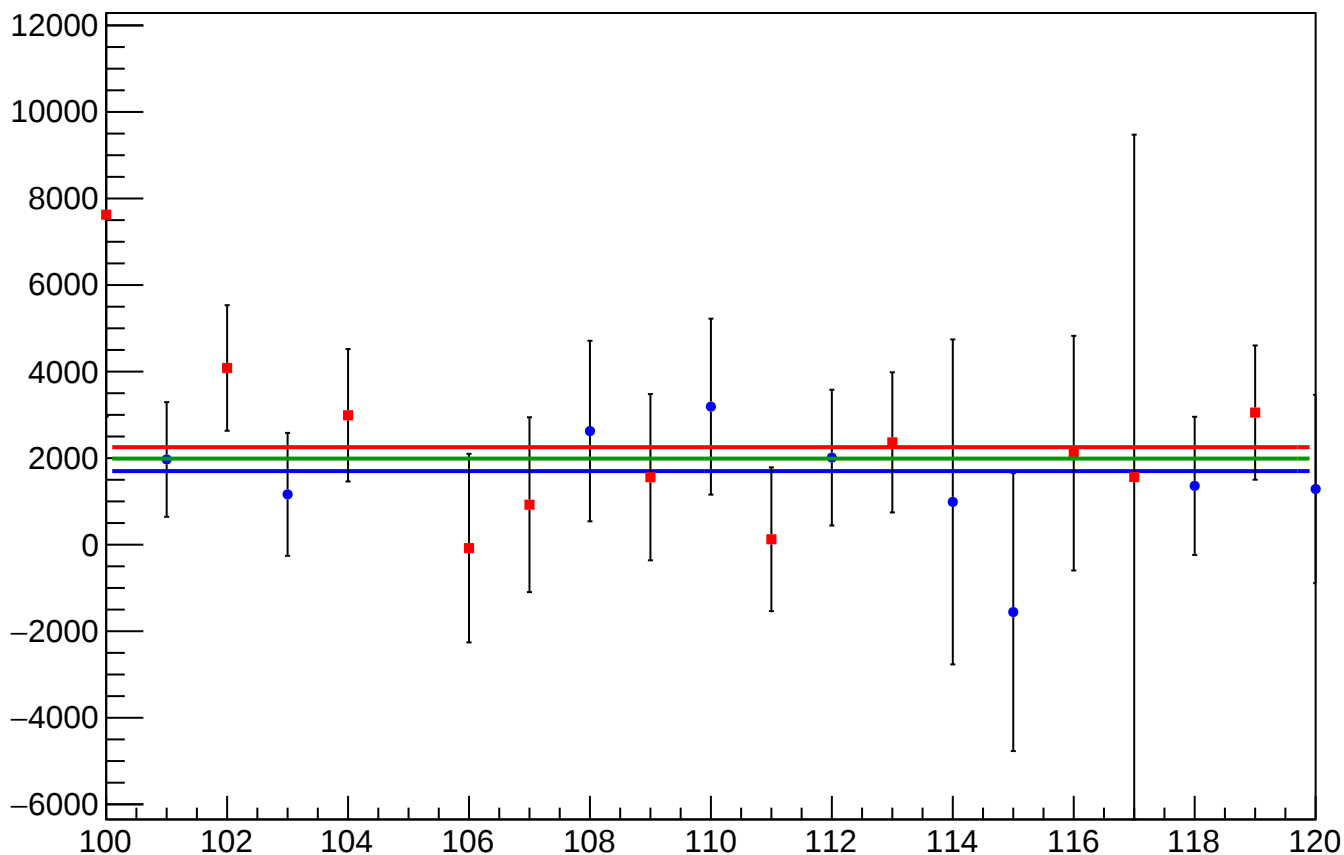
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

973.379+/-0.378 χ^2/NDF : 124878.5/8

922.750+/-0.249 χ^2/NDF : 964672.7/19

883.883+/-0.331 χ^2/NDF : 808005.1/10

cor_usl_mean vs Slug, Sign Corrected



Right In: 1700.017+/-606.959 χ^2/NDF : 2.1/8

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

Right Out: 2253.410+/-578.694 χ^2/NDF : 6.8/10

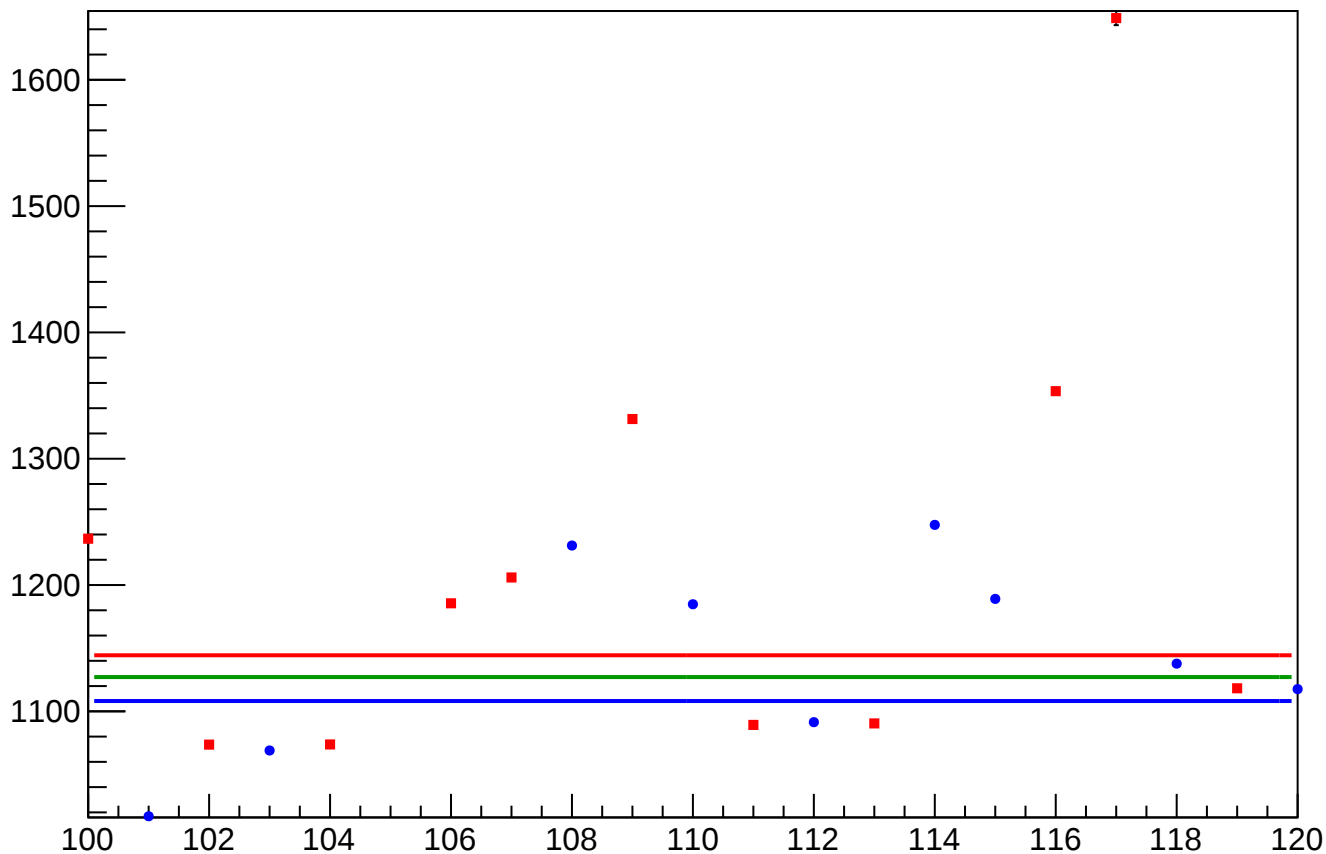
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1700.017+/-606.959 χ^2/NDF : 2.1/8

1989.899+/-418.835 χ^2/NDF : 9.3/19

2253.410+/-578.694 χ^2/NDF : 6.8/10

cor_usl_rms vs Slug, Sign Corrected



Right In: 1108.157+/-0.429 χ^2/NDF : 25784.1/8

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

Right Out: 1144.387+/-0.409 χ^2/NDF : 56349.9/10

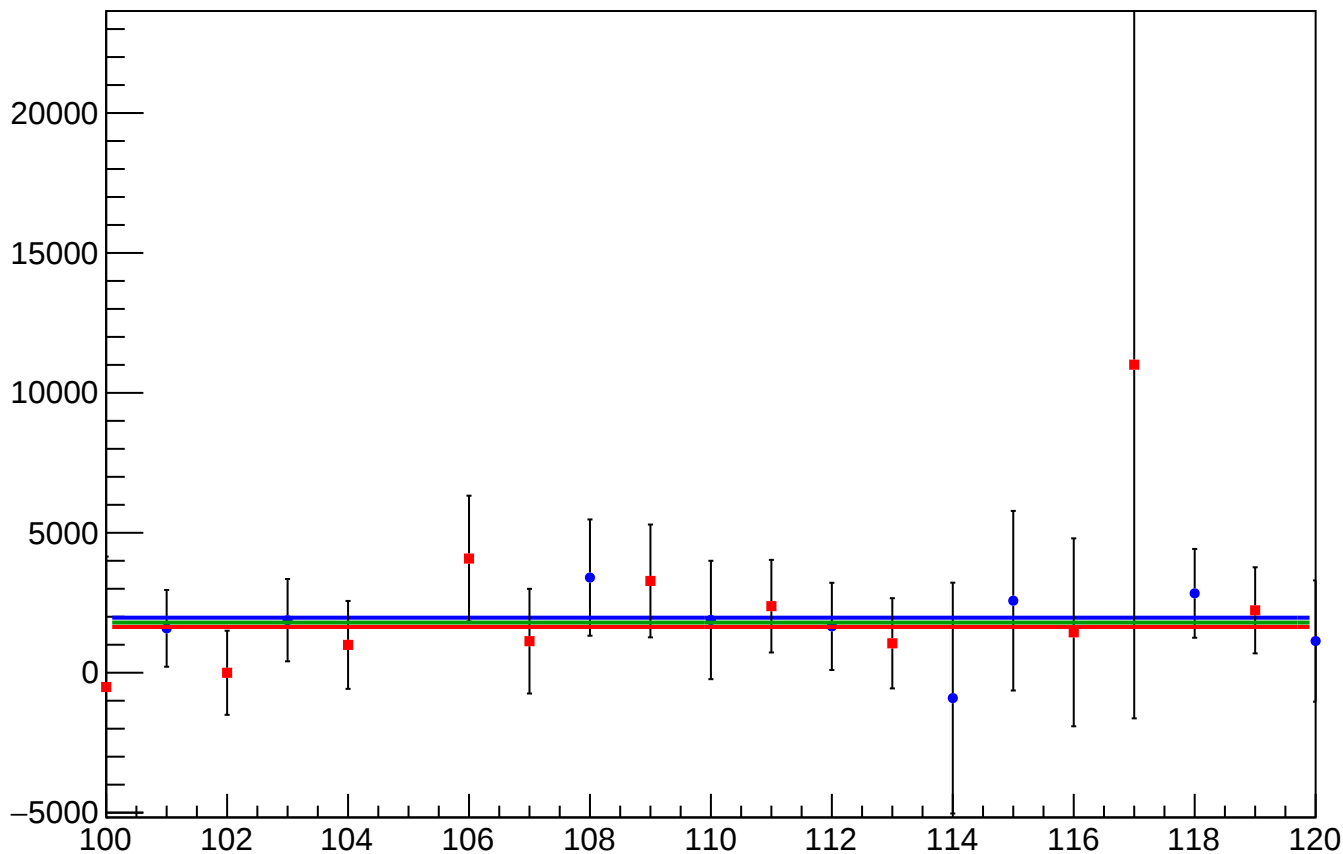
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1108.157+/-0.429 χ^2/NDF : 25784.1/8

1127.135+/-0.296 χ^2/NDF : 85866.8/19

1144.387+/-0.409 χ^2/NDF : 56349.9/10

cor_usr_mean vs Slug, Sign Corrected



Right In: 1966.767+/-617.001 χ^2 /NDF: 1.6/8

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

Right Out: 1635.065+/-588.029 χ^2 /NDF: 4.5/10

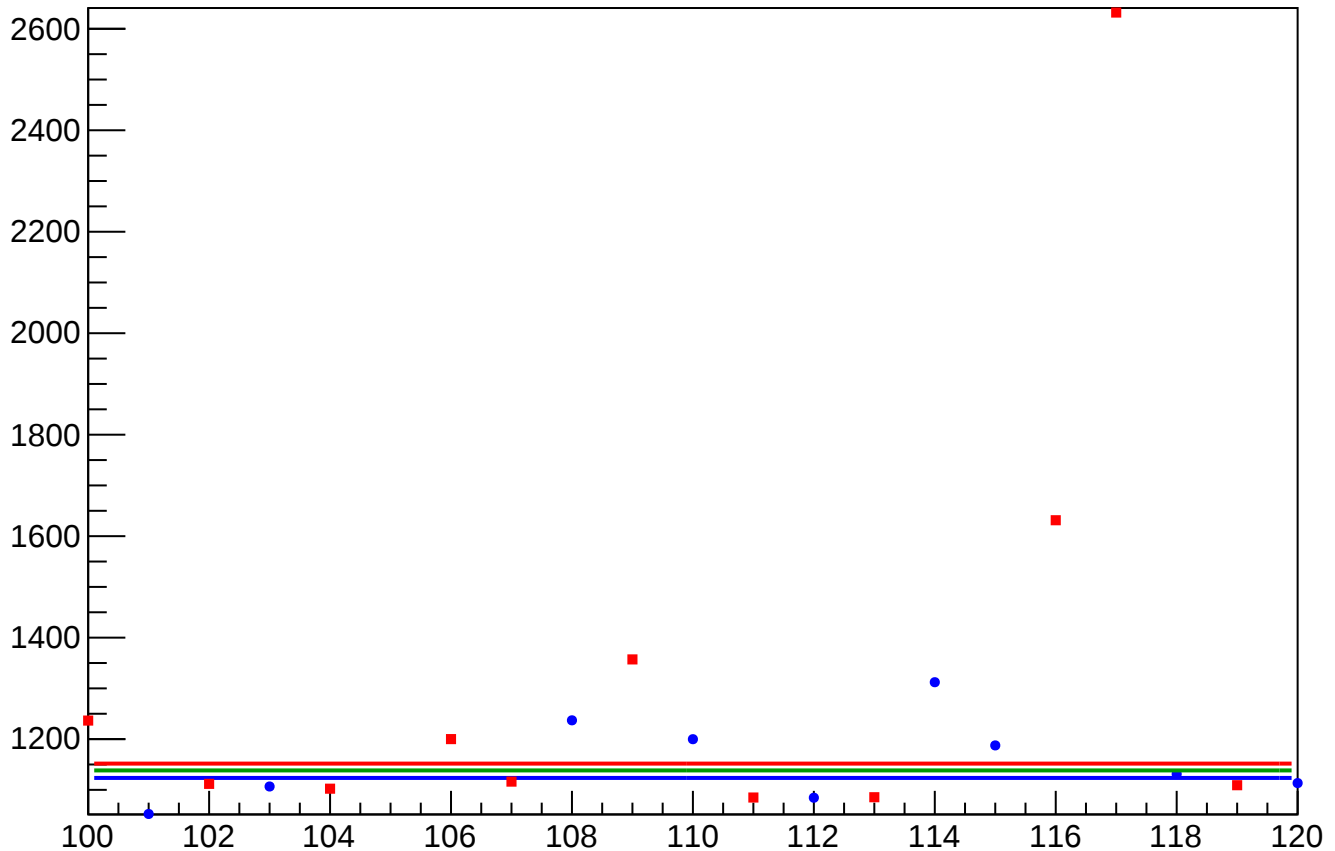
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1966.767+/-617.001 χ^2 /NDF: 1.6/8

1792.946+/-425.673 χ^2 /NDF: 6.2/19

1635.065+/-588.029 χ^2 /NDF: 4.5/10

cor_usr_rms vs Slug, Sign Corrected



Right In: 1123.504 $\pm$ 0.436 χ^2 /NDF: 20530.8/8

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

Right Out: 1151.751 $\pm$ 0.416 χ^2 /NDF: 102880.5/10

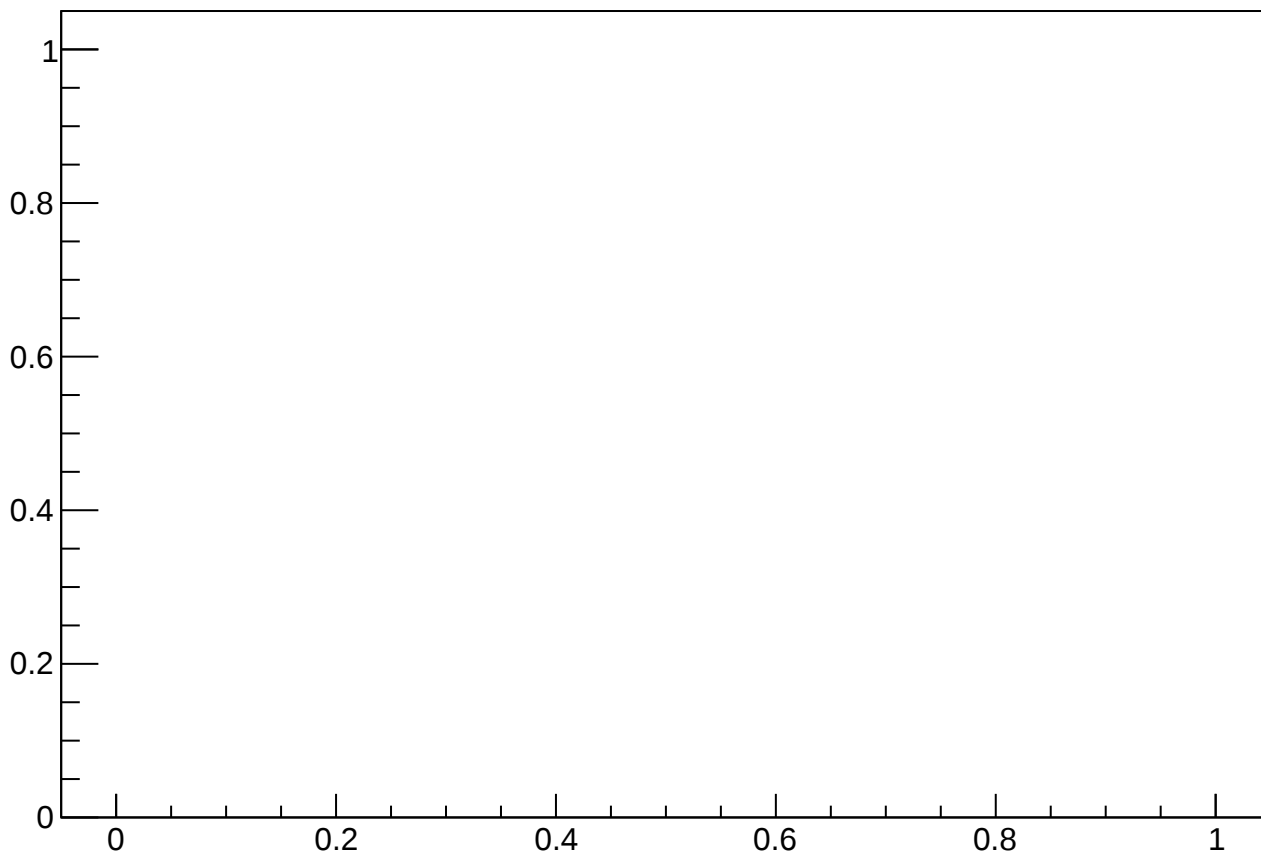
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1123.504 $\pm$ 0.436 χ^2 /NDF: 20530.8/8

1138.306 $\pm$ 0.301 χ^2 /NDF: 125607.9/19

1151.751 $\pm$ 0.416 χ^2 /NDF: 102880.5/10

cor_dsl_mean vs Slug, Sign Corrected



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

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

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

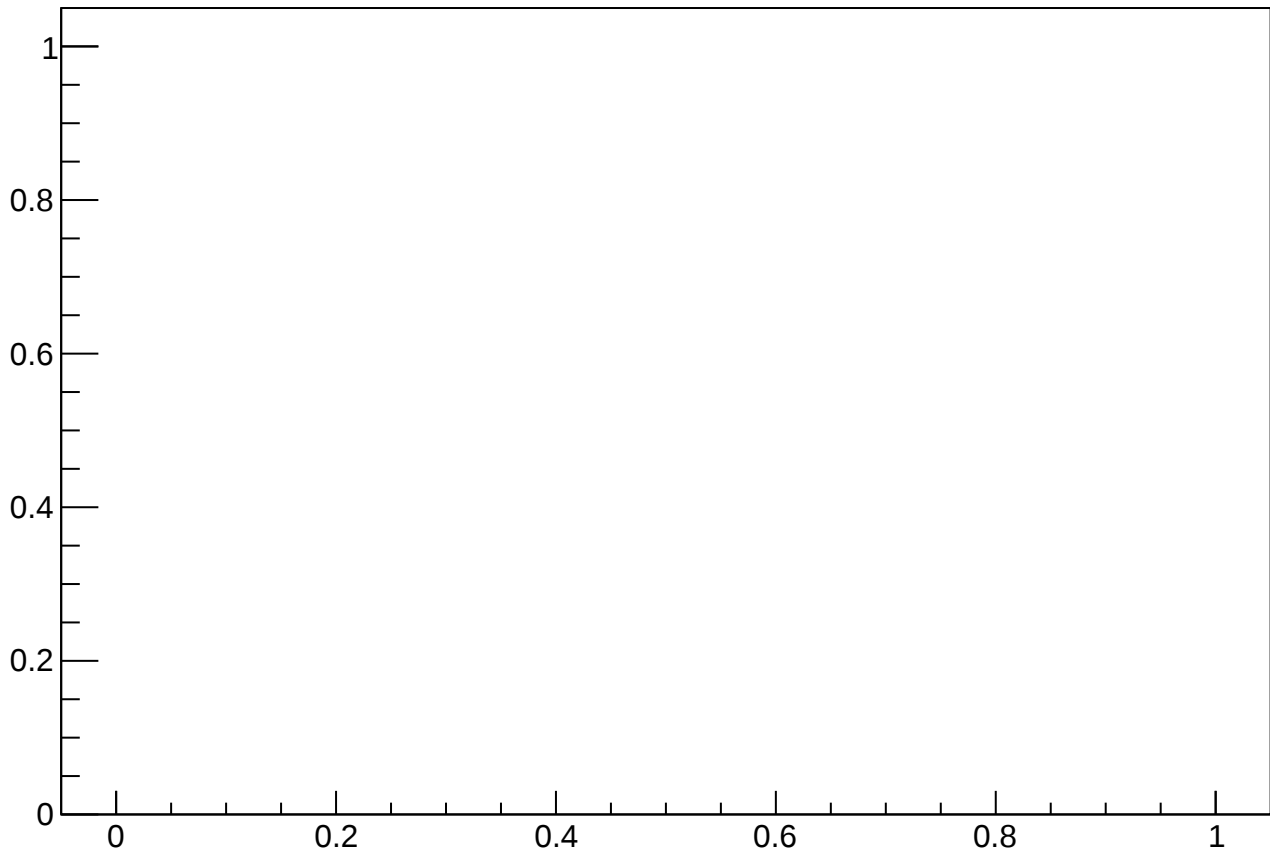
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



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

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

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

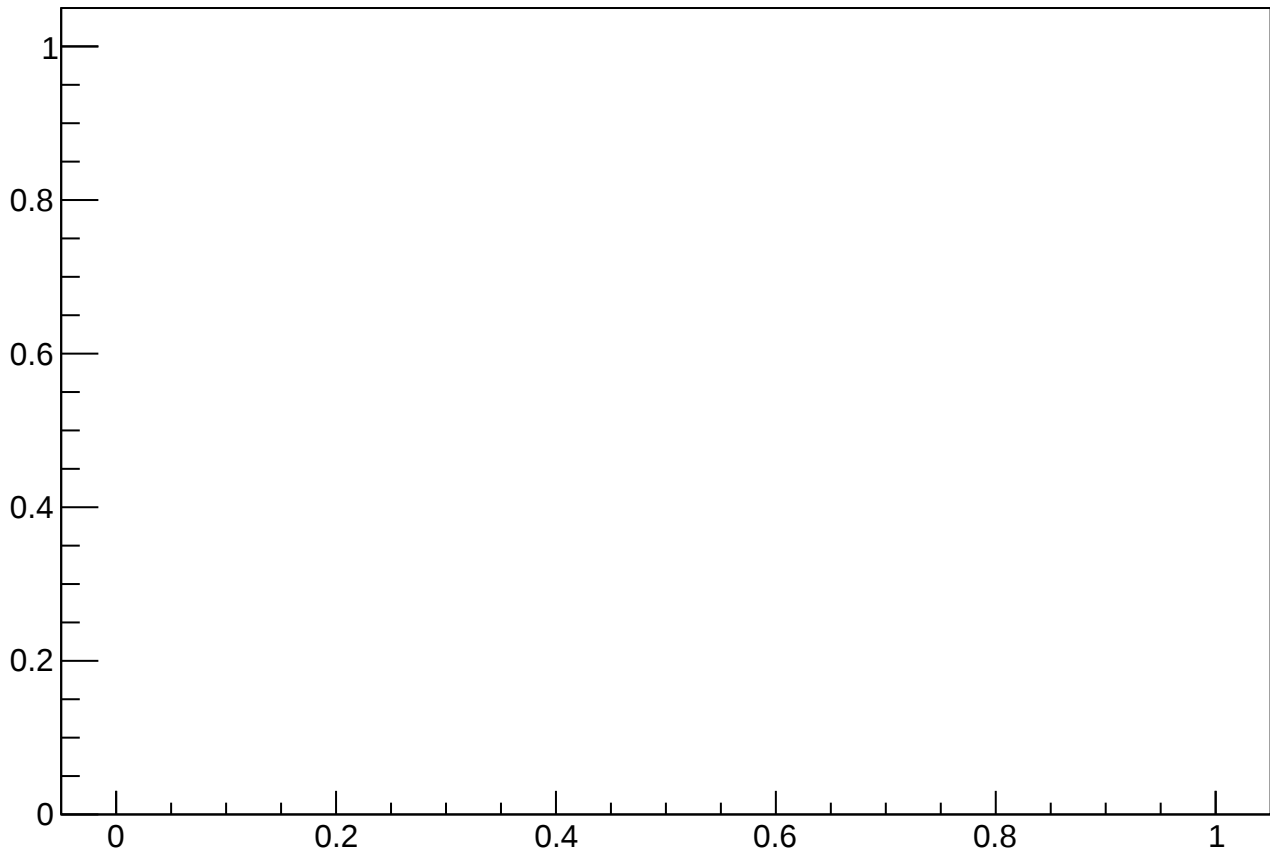
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

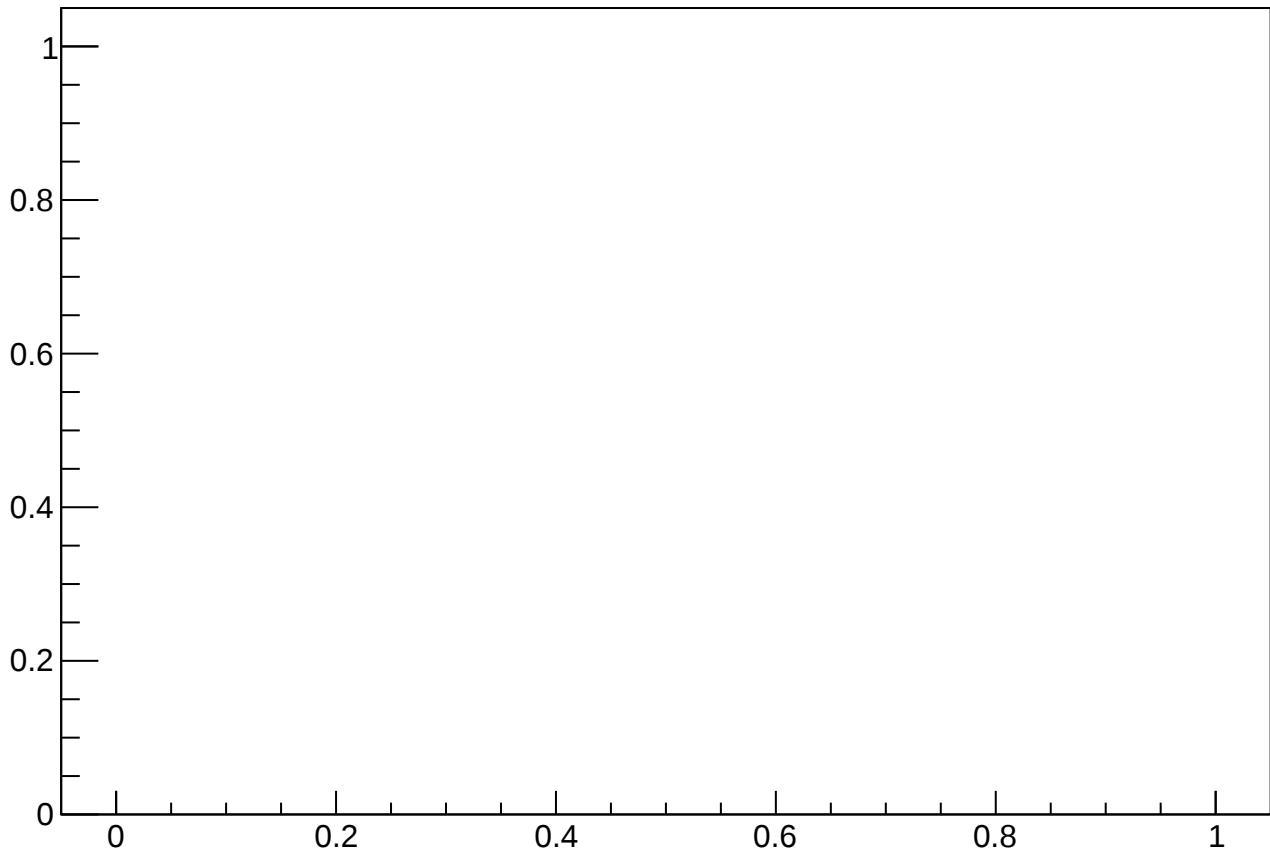
cor_dsr_mean vs Slug, Sign Corrected



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

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

cor_dsr_rms vs Slug, Sign Corrected



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

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

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

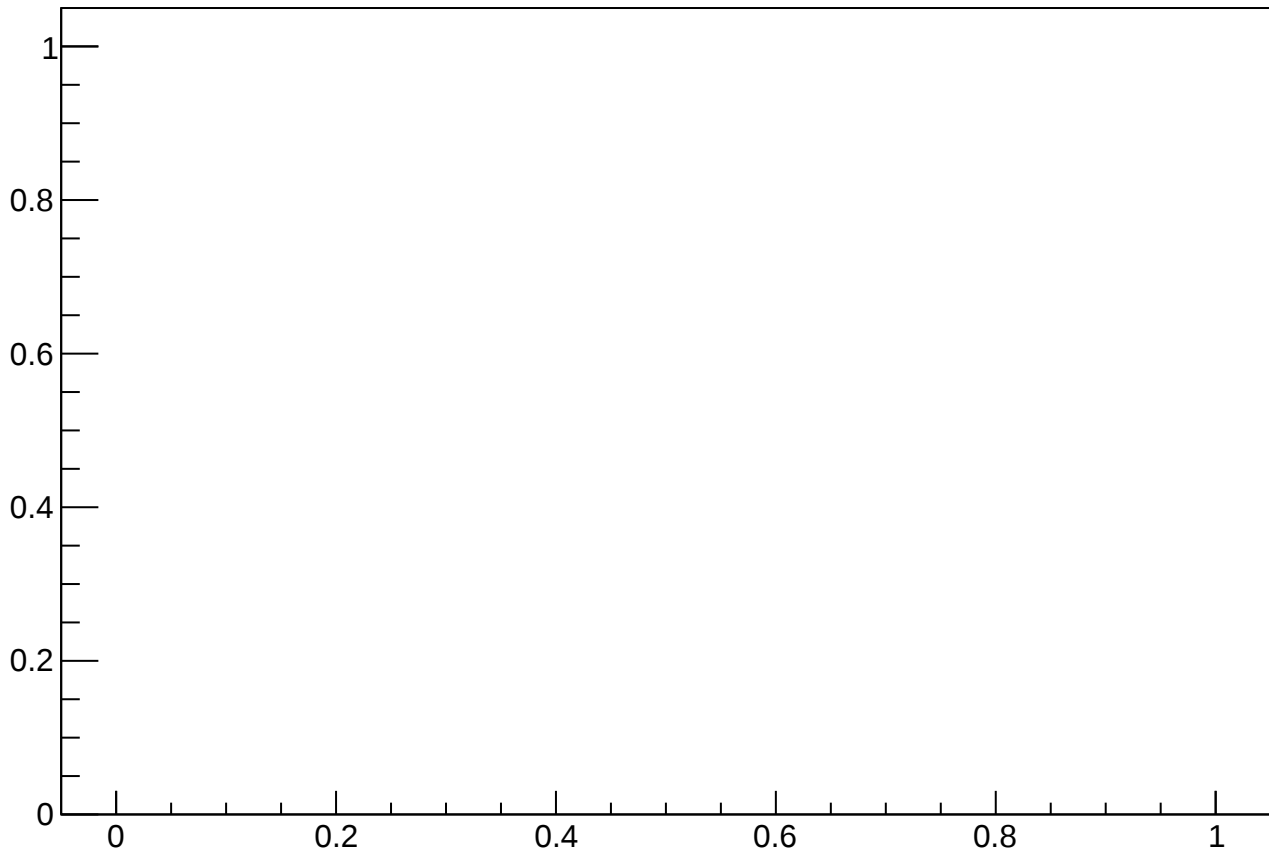
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_mean vs Slug, Sign Corrected



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

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

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

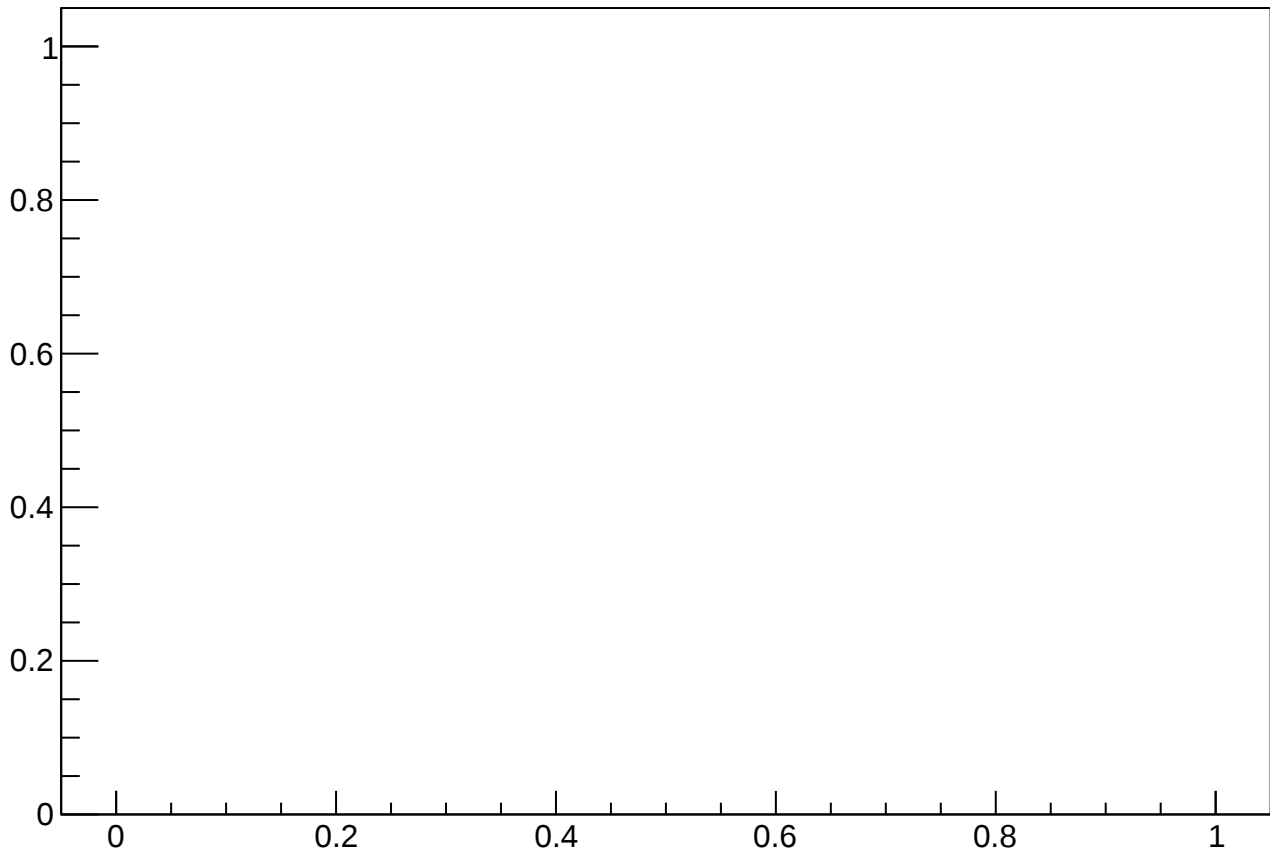
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_rms vs Slug, Sign Corrected



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

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

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

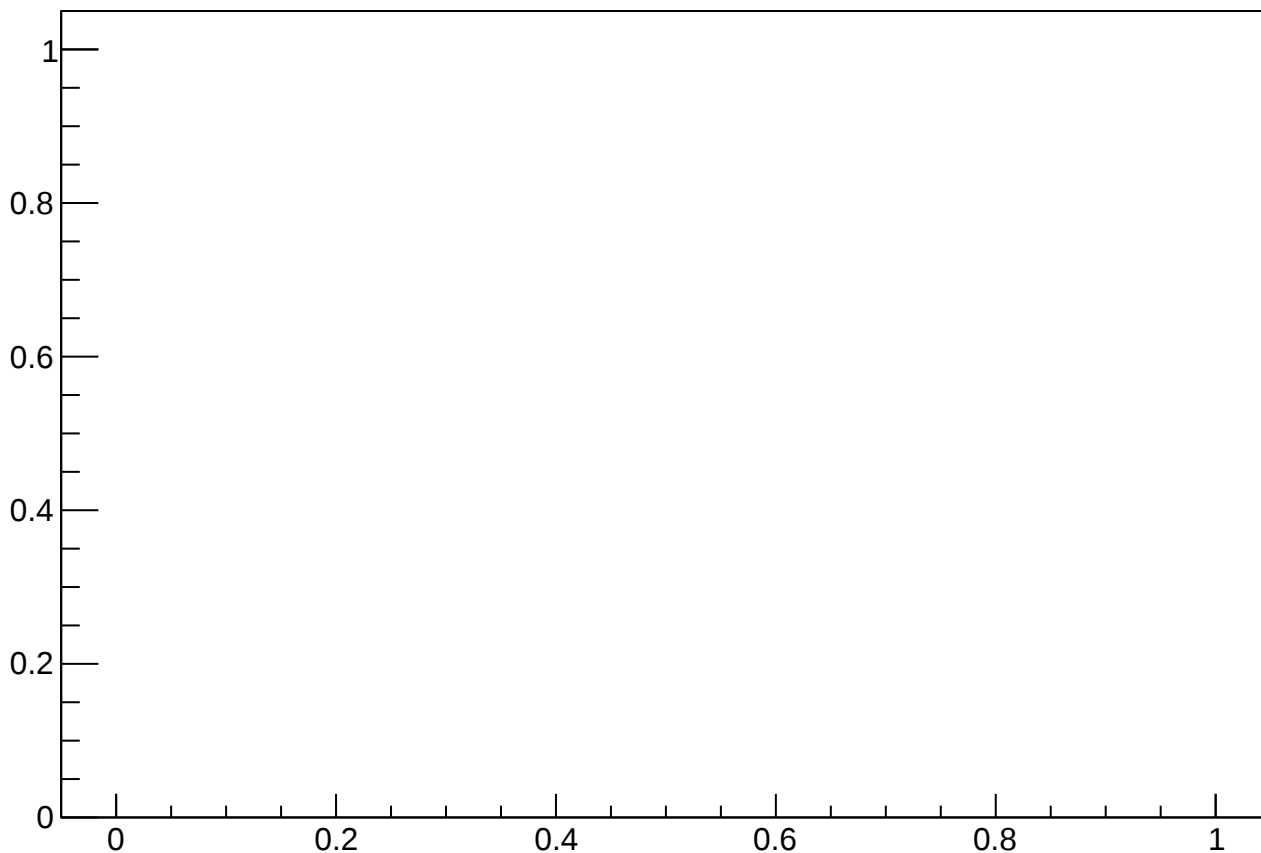
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_us_dd_mean vs Slug, Sign Corrected



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

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

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

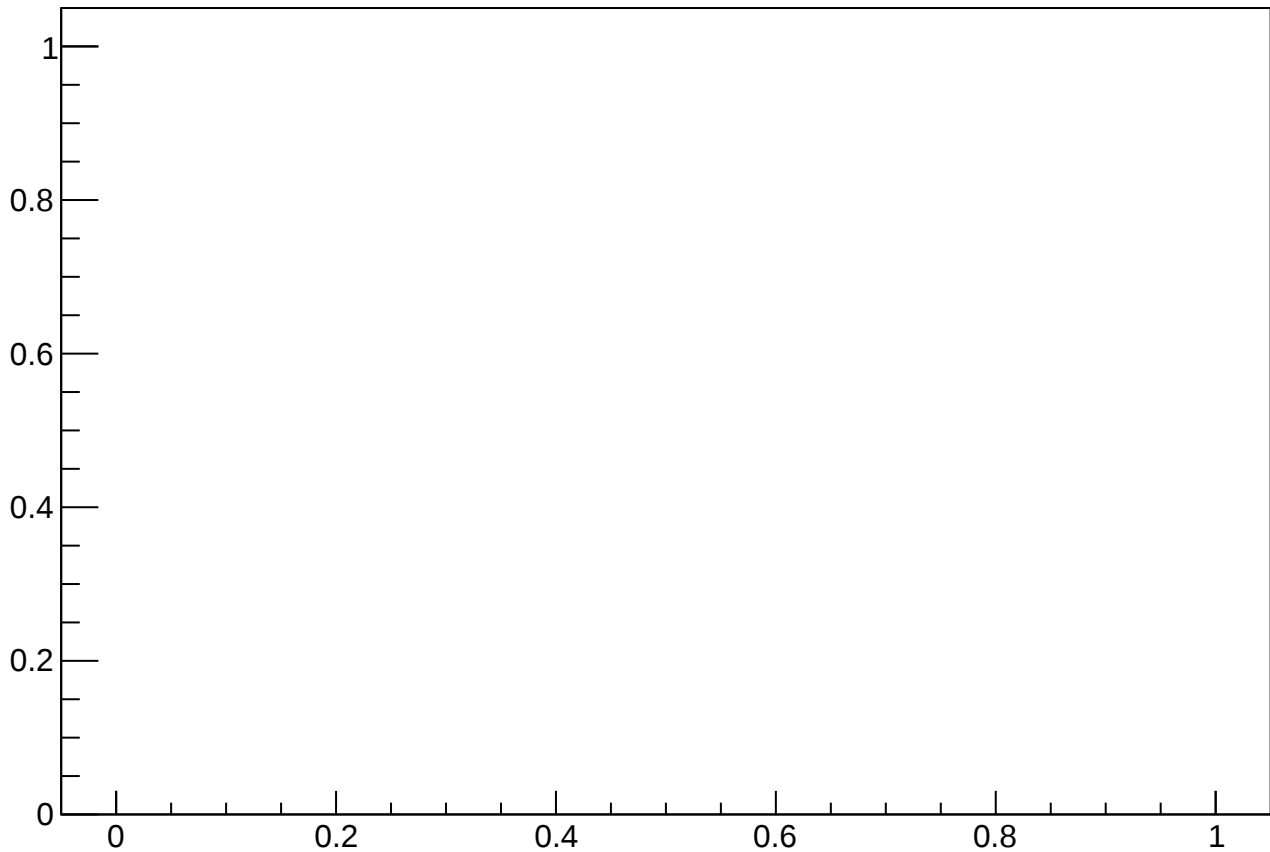
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_us_dd_rms vs Slug, Sign Corrected



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

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

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

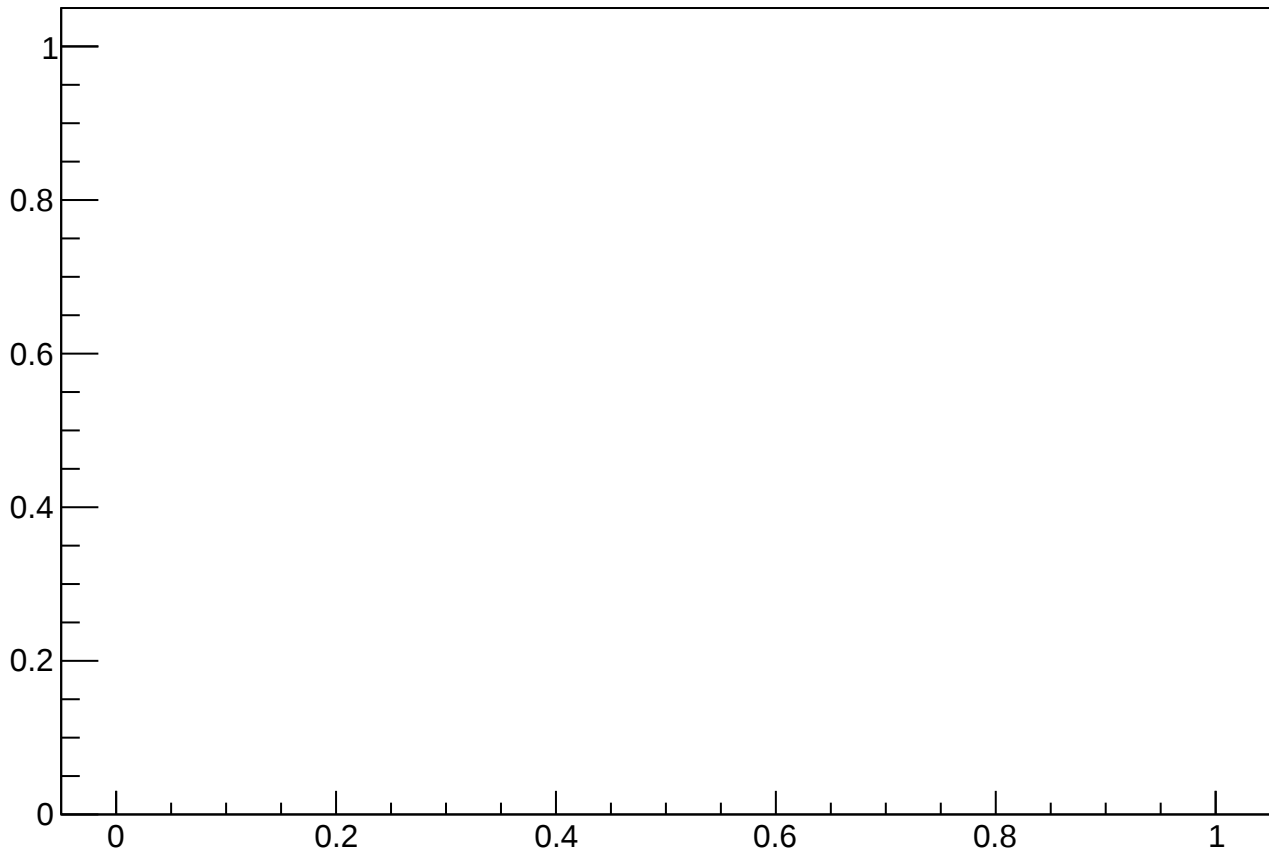
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_mean vs Slug, Sign Corrected



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

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

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

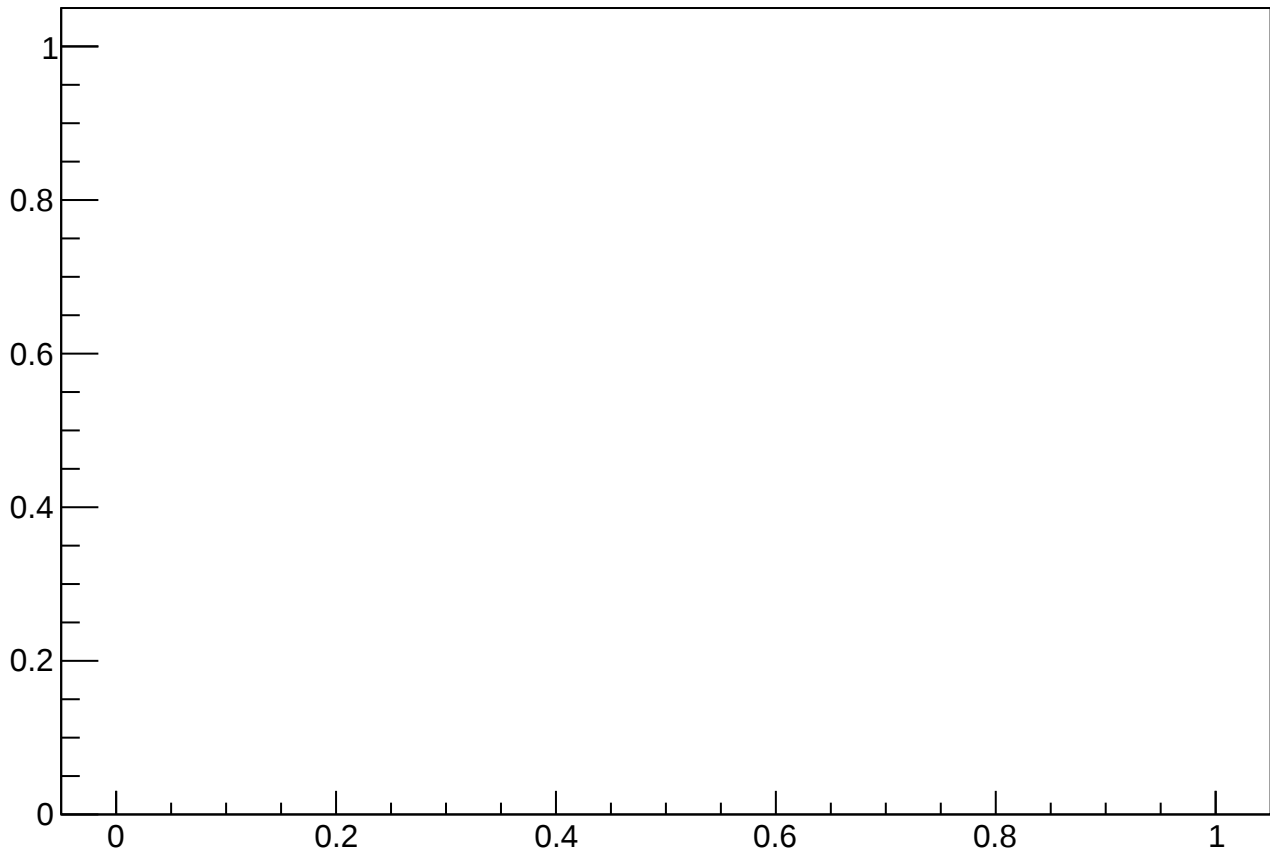
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



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

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

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

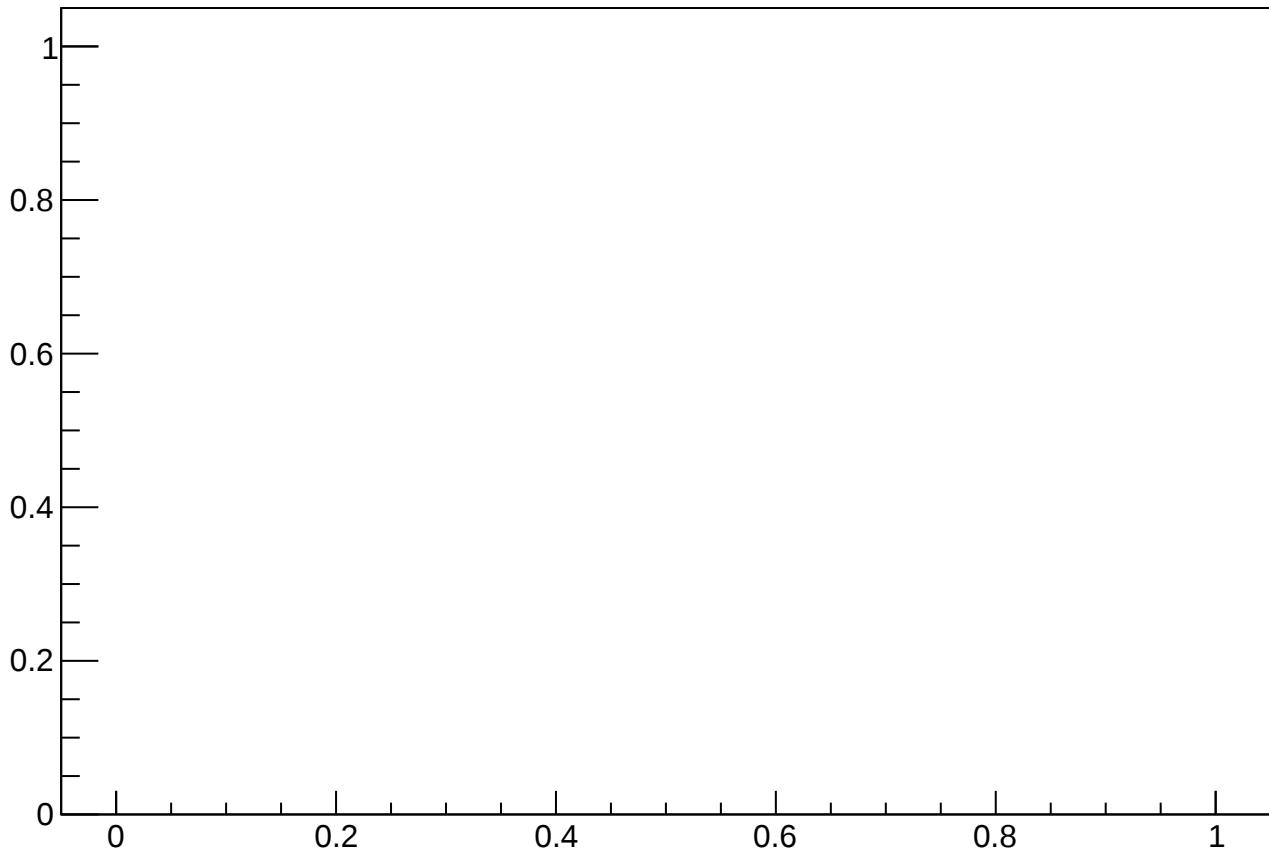
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

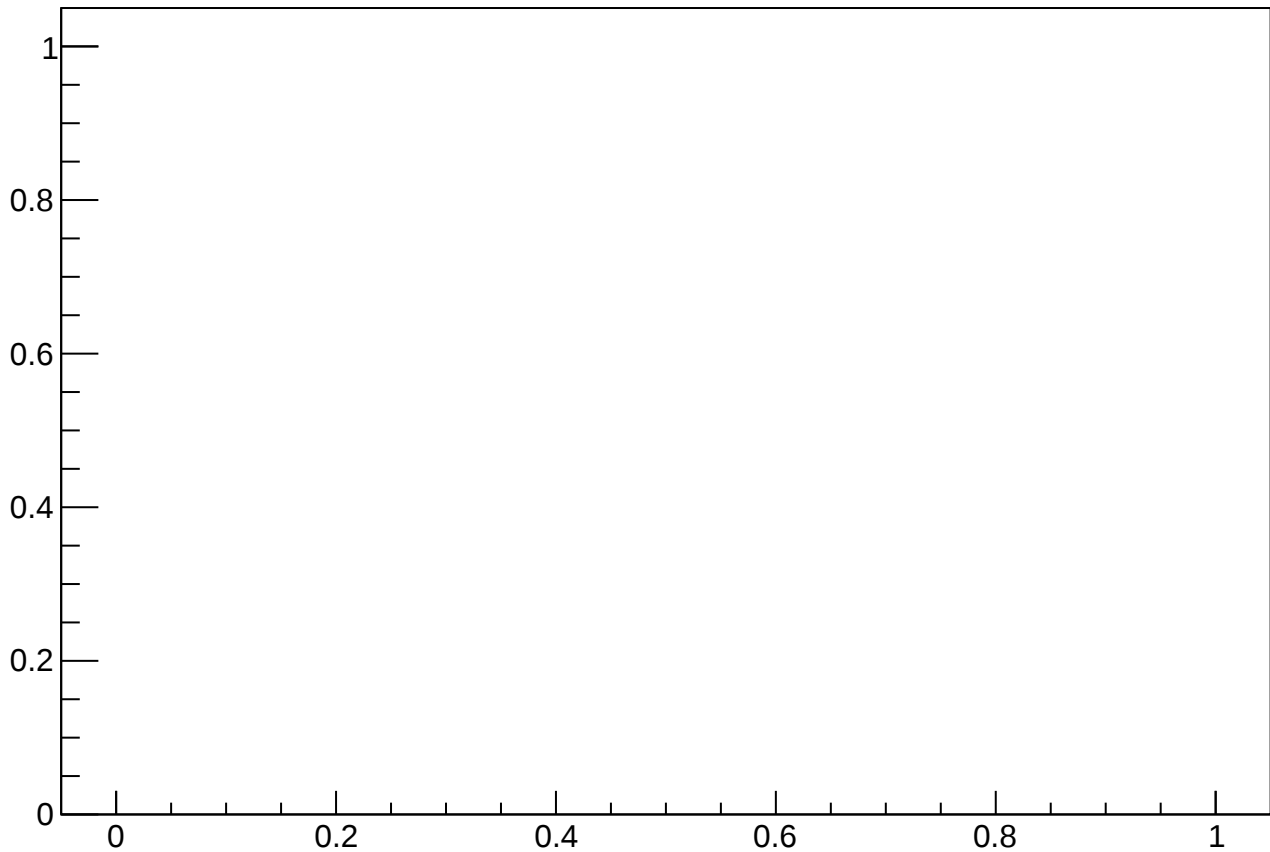
cor_ds_dd_mean vs Slug, Sign Corrected



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

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

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

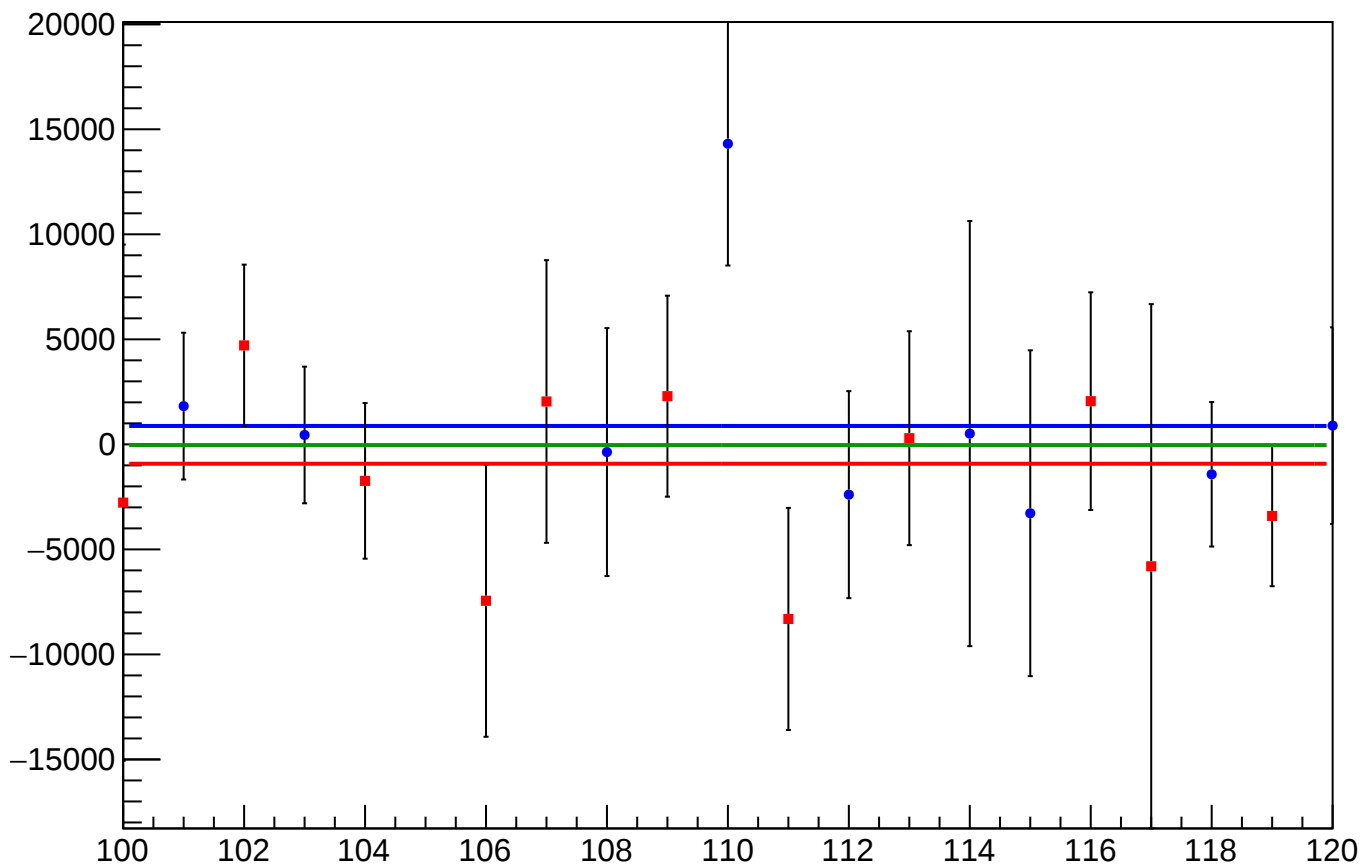
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 876.337 $\pm$ 1520.215 χ^2 /NDF: 6.7/8

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

Right Out: -922.580 $\pm$ 1500.617 χ^2 /NDF: 6.9/10

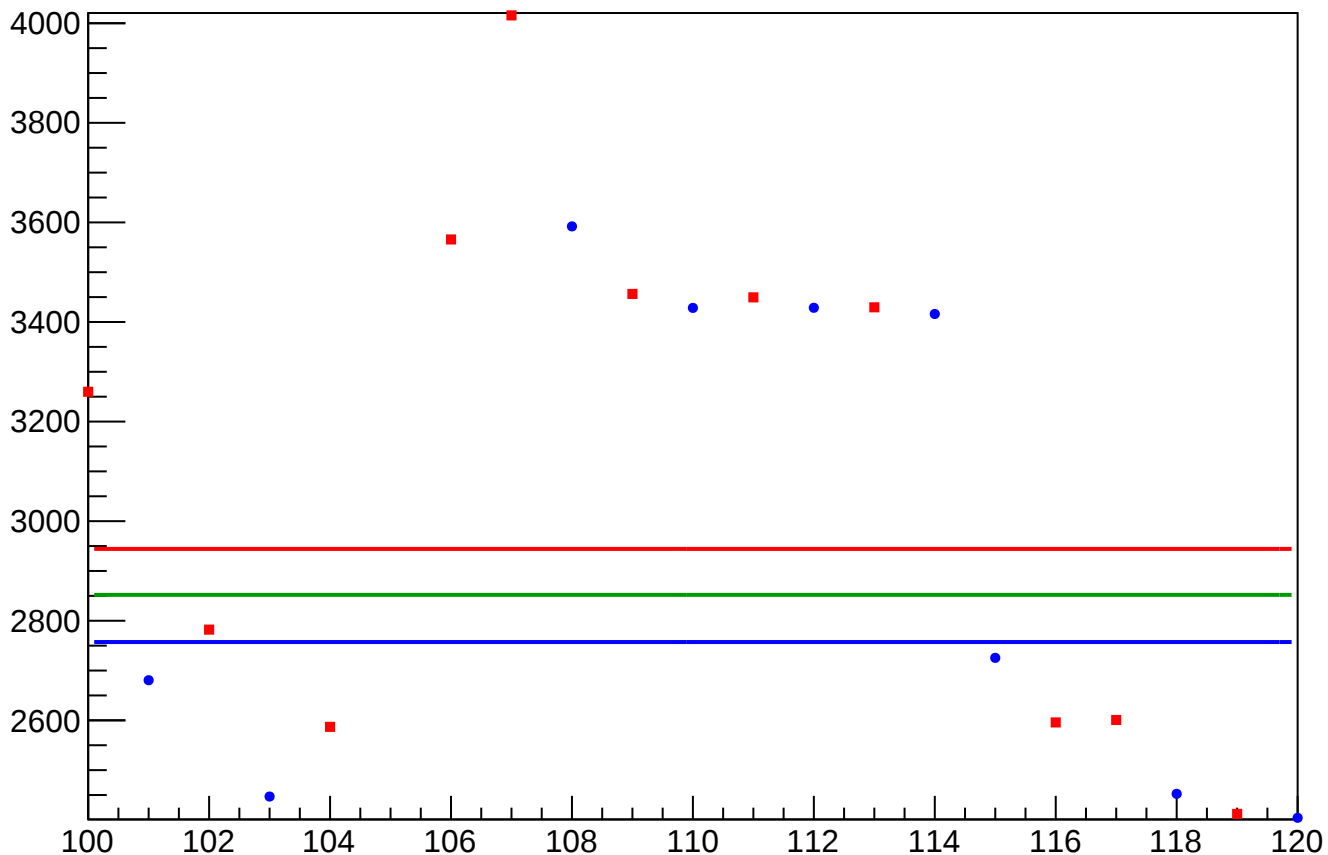
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

876.337 $\pm$ 1520.215 χ^2 /NDF: 6.7/8

-34.791 $\pm$ 1067.958 χ^2 /NDF: 14.3/19

-922.580 $\pm$ 1500.617 χ^2 /NDF: 6.9/10

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2757.256+/-1.075 χ^2/NDF : 158709.1/8

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

Right Out: 2944.291+/-1.061 χ^2/NDF : 213108.8/10

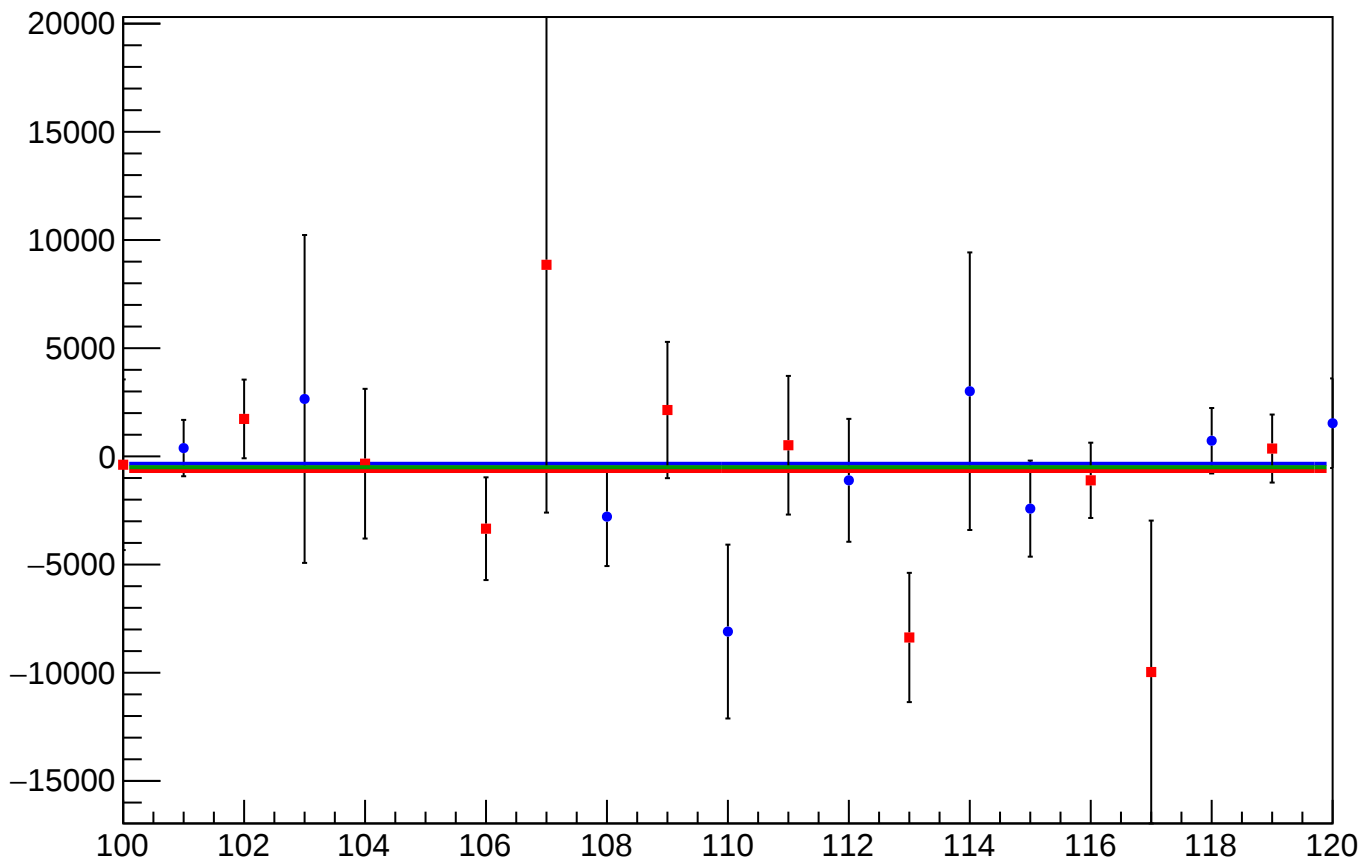
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2757.256+/-1.075 χ^2/NDF : 158709.1/8

2851.987+/-0.755 χ^2/NDF : 387151.2/19

2944.291+/-1.061 χ^2/NDF : 213108.8/10

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -342.235+/-728.766 χ^2/NDF : 7.9/8

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

Right Out: -675.942+/-766.685 χ^2/NDF : 13.6/10

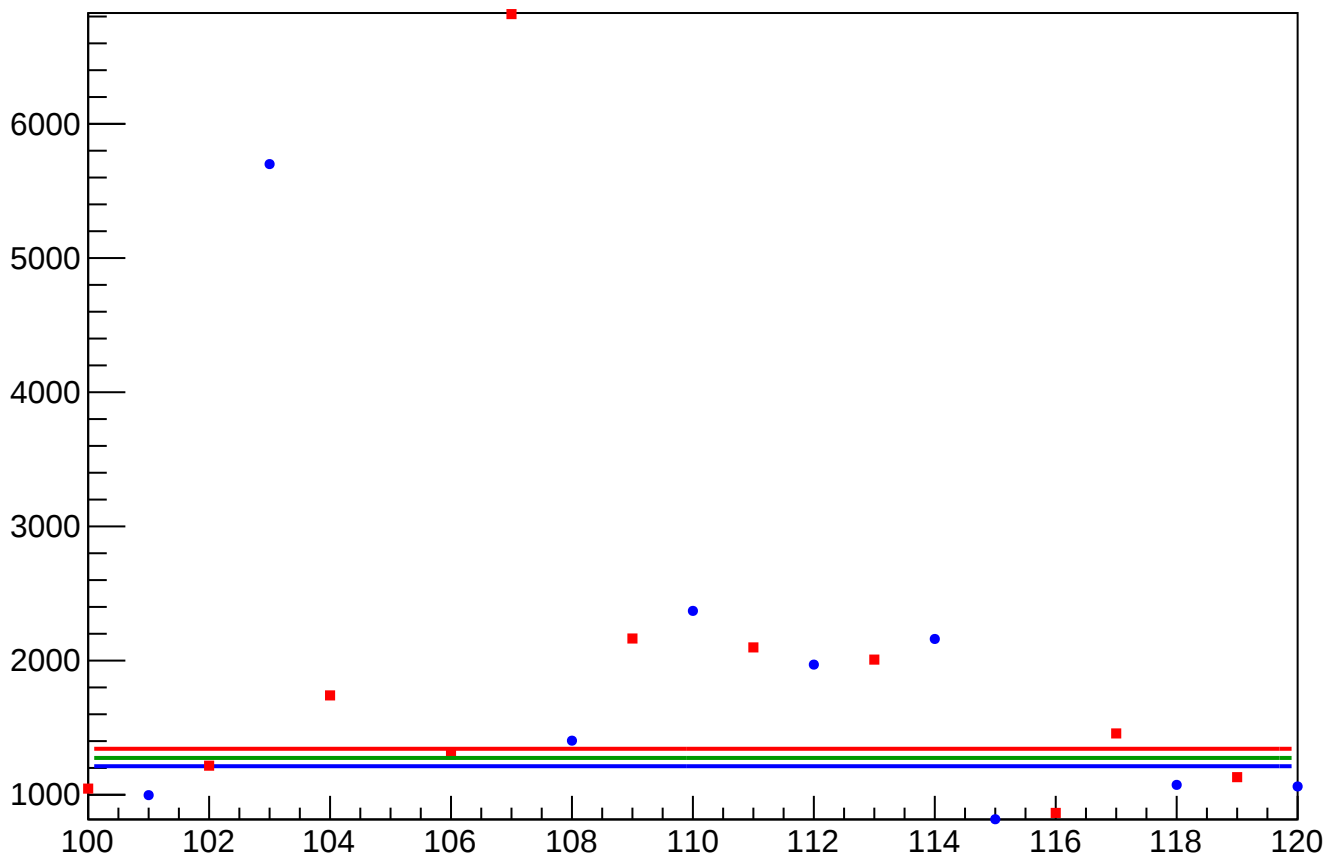
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-342.235+/-728.766 χ^2/NDF : 7.9/8

-500.633+/-528.212 χ^2/NDF : 21.5/19

-675.942+/-766.685 χ^2/NDF : 13.6/10

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1212.892+/-0.515 χ^2/NDF : 1213054.6/8

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

Right Out: 1342.832+/-0.542 χ^2/NDF : 1039188.7/10

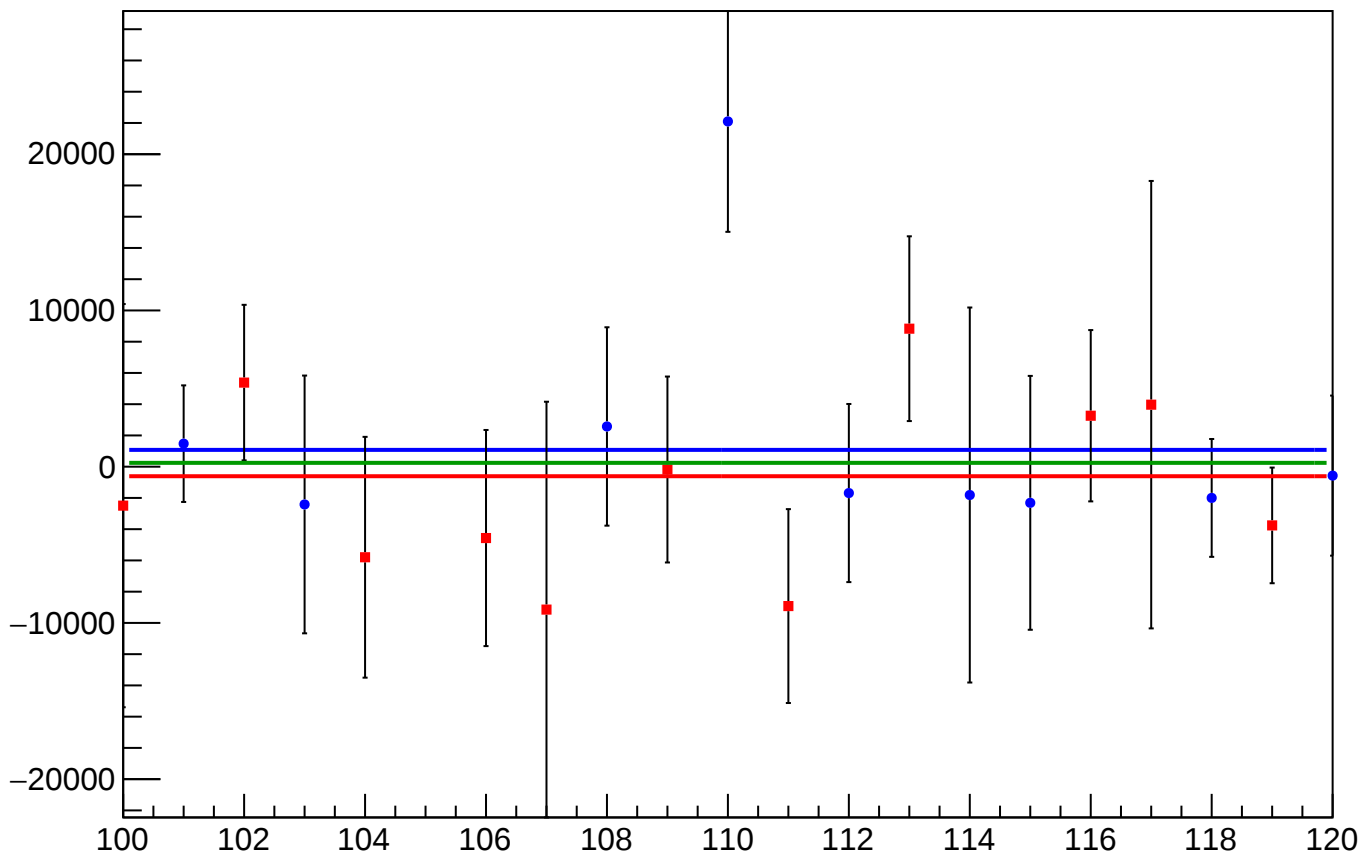
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1212.892+/-0.515 χ^2/NDF : 1213054.6/8

1274.570+/-0.374 χ^2/NDF : 2282423.3/19

1342.832+/-0.542 χ^2/NDF : 1039188.7/10

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1075.591+/-1848.645 χ^2/NDF : 10.3/8

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

Right Out: -610.603+/-1877.388 χ^2/NDF : 8.3/10

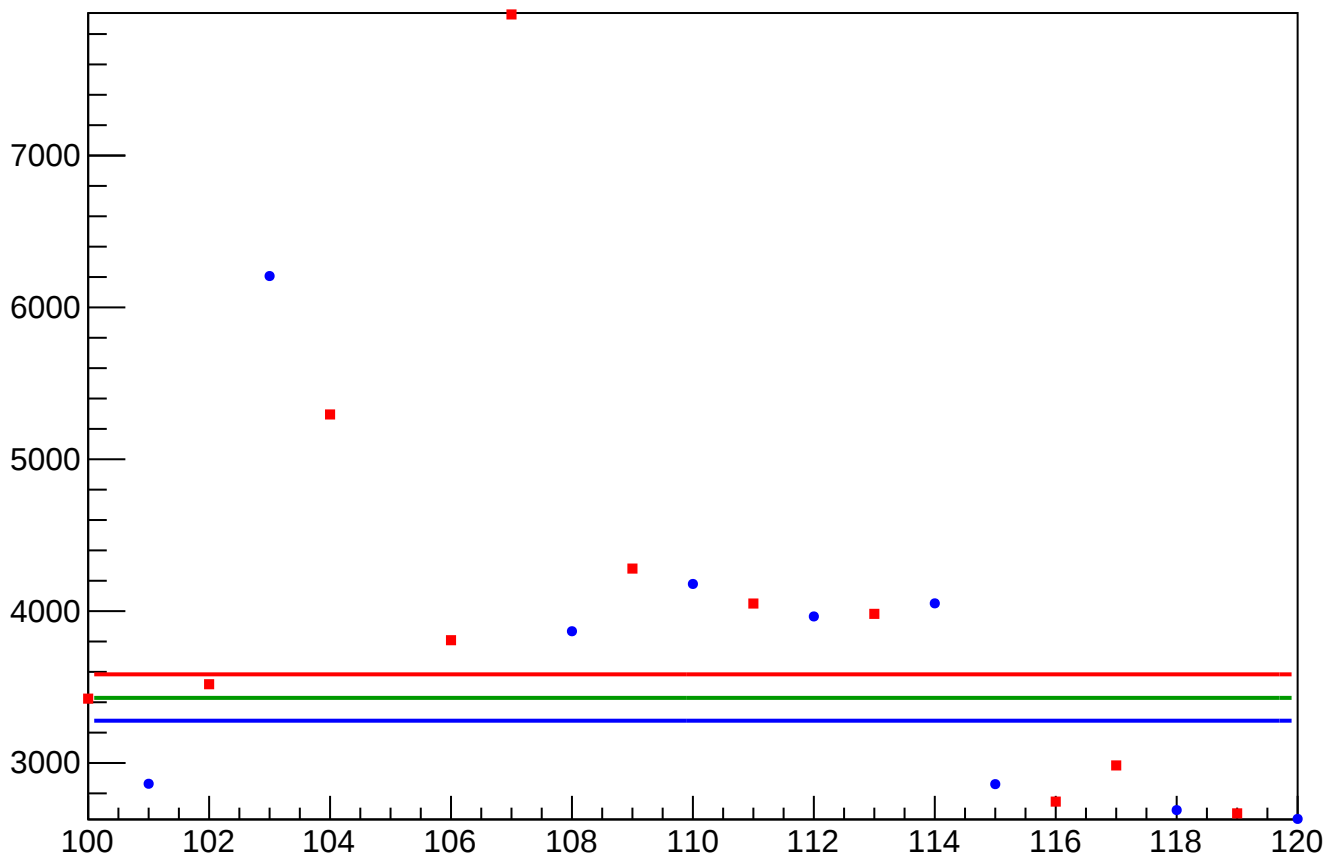
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1075.591+/-1848.645 χ^2/NDF : 10.3/8

245.501+/-1317.234 χ^2/NDF : 19.1/19

-610.603+/-1877.388 χ^2/NDF : 8.3/10

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3278.475+/-1.307 χ^2/NDF : 449593.1/8

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

Right Out: 3583.800+/-1.328 χ^2/NDF : 535082.8/10

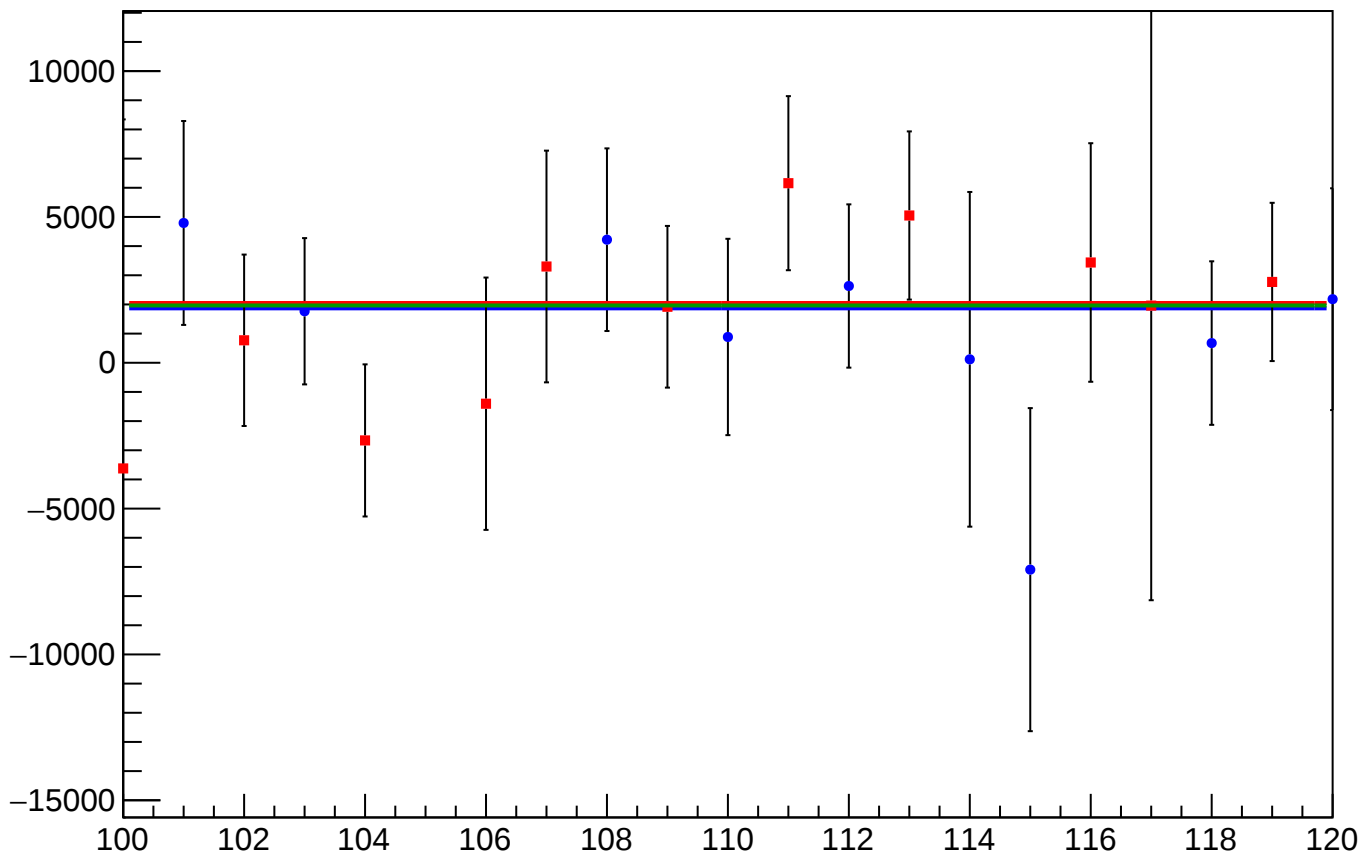
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3278.475+/-1.307 χ^2/NDF : 449593.1/8

3428.782+/-0.931 χ^2/NDF : 1011533.6/19

3583.800+/-1.328 χ^2/NDF : 535082.8/10

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1866.097+/-1105.570 χ^2/NDF : 4.3/8

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

Right Out: 2049.119+/-1023.381 χ^2/NDF : 7.6/10

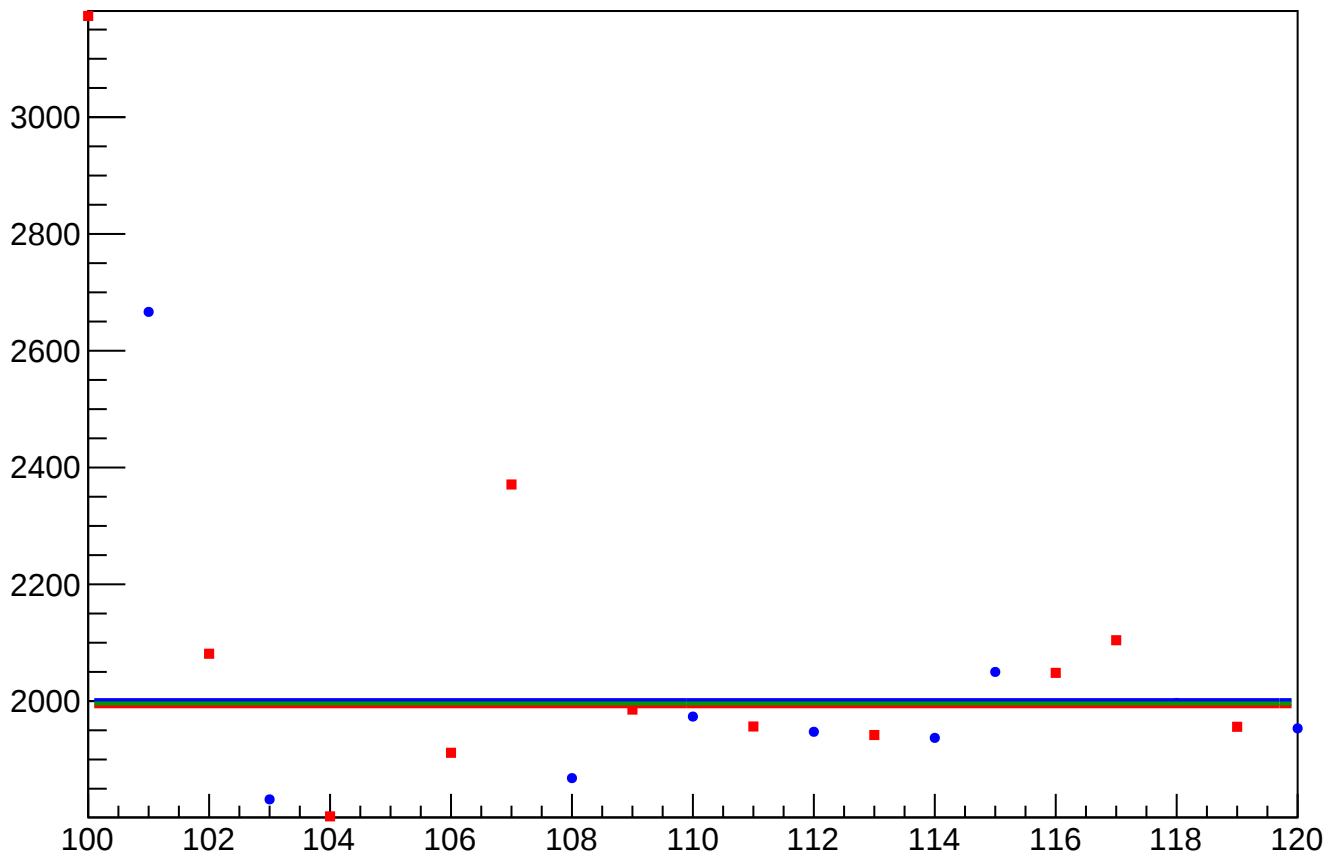
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1866.097+/-1105.570 χ^2/NDF : 4.3/8

1964.663+/-751.016 χ^2/NDF : 11.9/19

2049.119+/-1023.381 χ^2/NDF : 7.6/10

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2001.690+/-0.782 χ^2/NDF : 86808.9/8

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

Right Out: 1991.126+/-0.724 χ^2/NDF : 52647.8/10

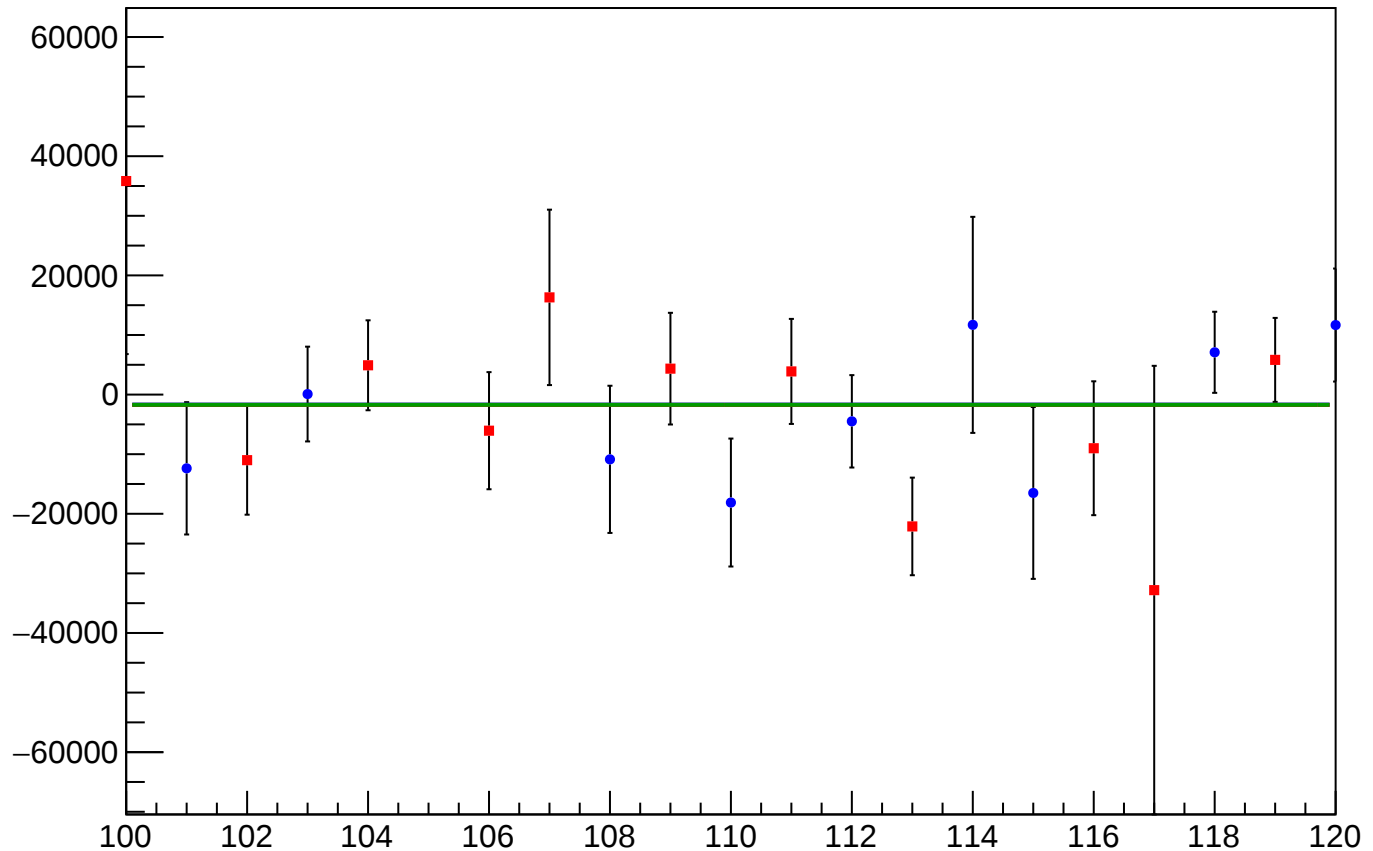
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2001.690+/-0.782 χ^2/NDF : 86808.9/8

1996.001+/-0.531 χ^2/NDF : 139555.1/19

1991.126+/-0.724 χ^2/NDF : 52647.8/10

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1687.967+/-3220.957 χ^2/NDF : 9.3/8

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

Right Out: -1736.133+/-2966.524 χ^2/NDF : 14.5/10

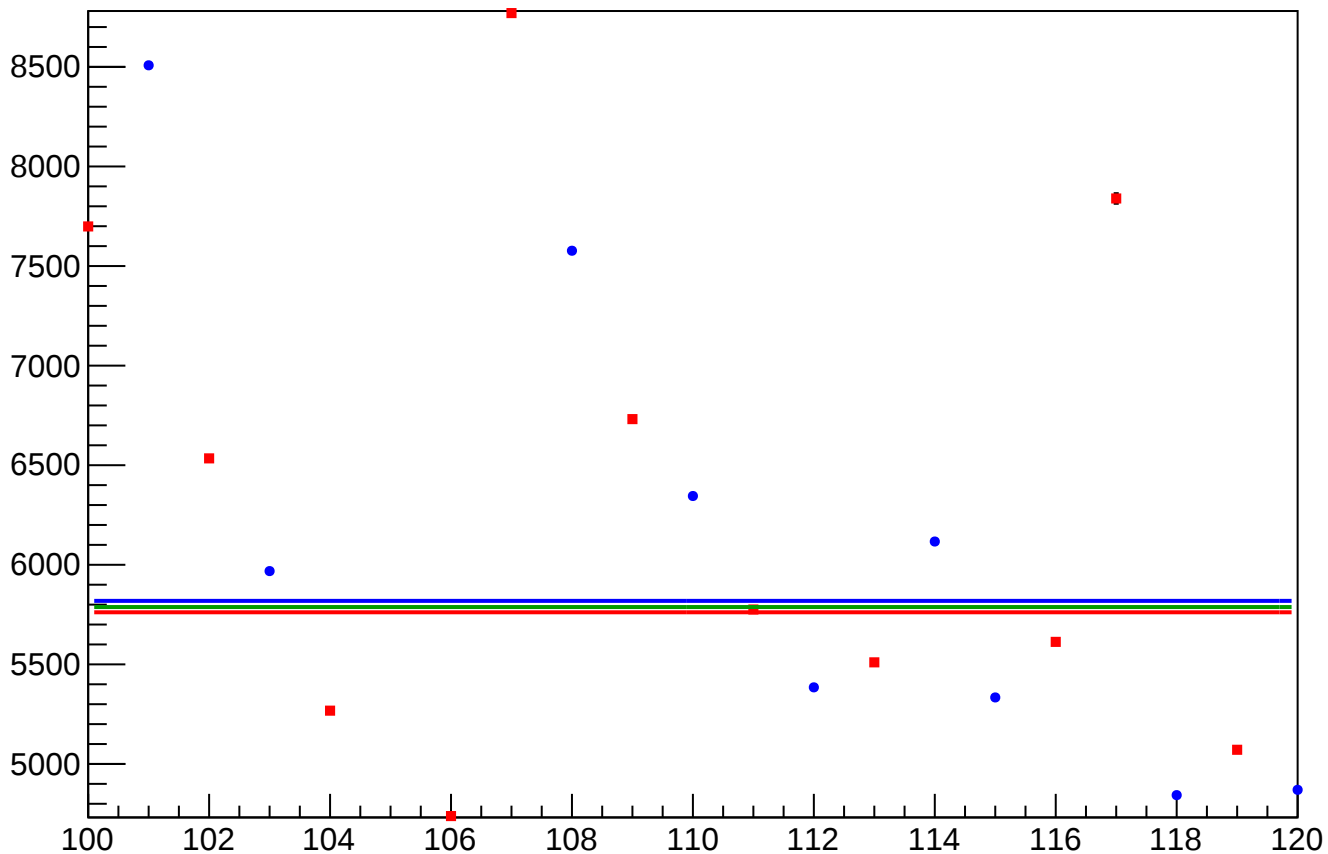
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1687.967+/-3220.957 χ^2/NDF : 9.3/8

-1714.027+/-2182.062 χ^2/NDF : 23.7/19

-1736.133+/-2966.524 χ^2/NDF : 14.5/10

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 5818.835+/-2.278 χ^2/NDF : 233599.2/8

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

Right Out: 5761.524+/-2.098 χ^2/NDF : 185991.4/10

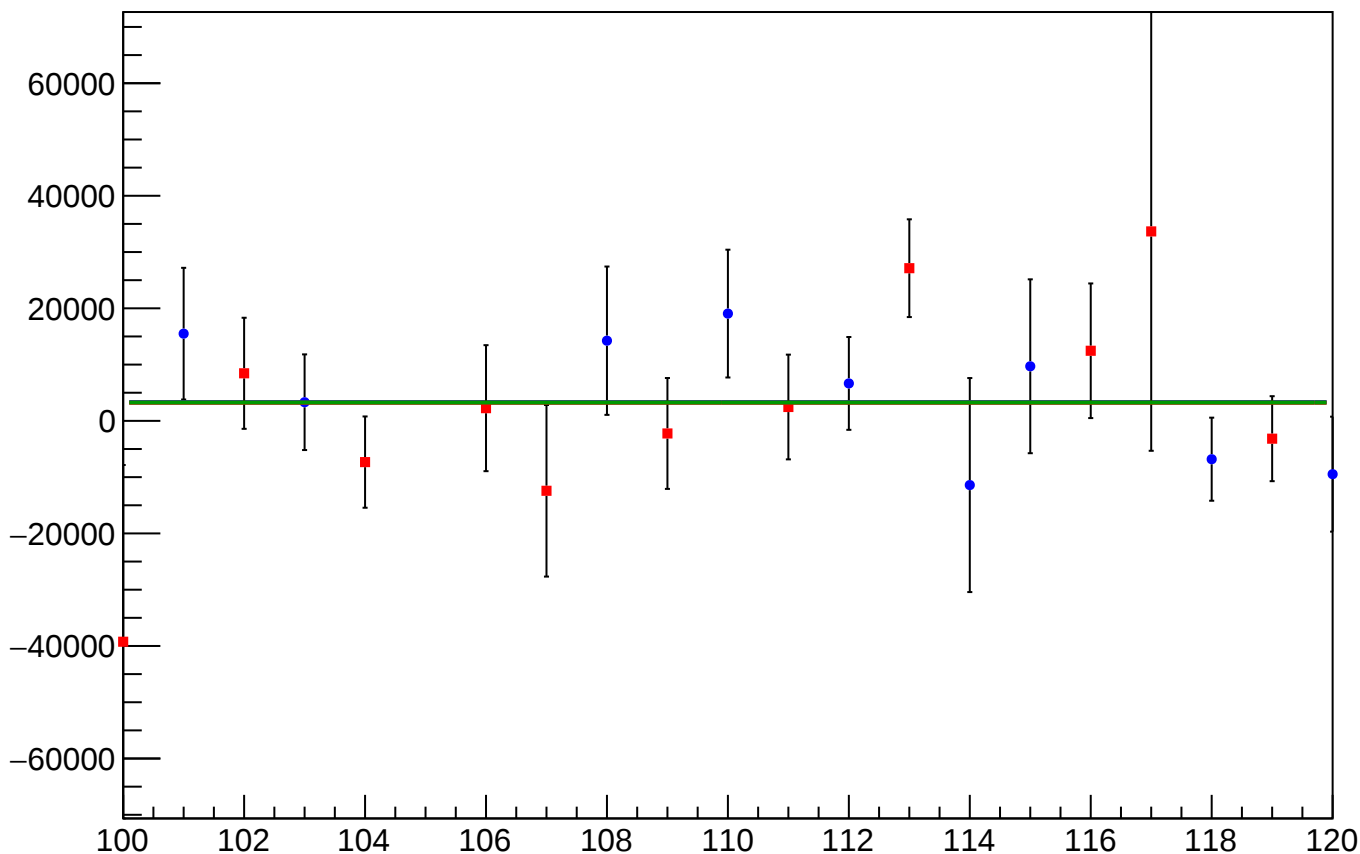
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5818.835+/-2.278 χ^2/NDF : 233599.2/8

5787.827+/-1.543 χ^2/NDF : 419933.2/19

5761.524+/-2.098 χ^2/NDF : 185991.4/10

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3325.786+/-3445.077 χ^2/NDF : 8.1/8

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

Right Out: 3220.267+/-3177.367 χ^2/NDF : 14.7/10

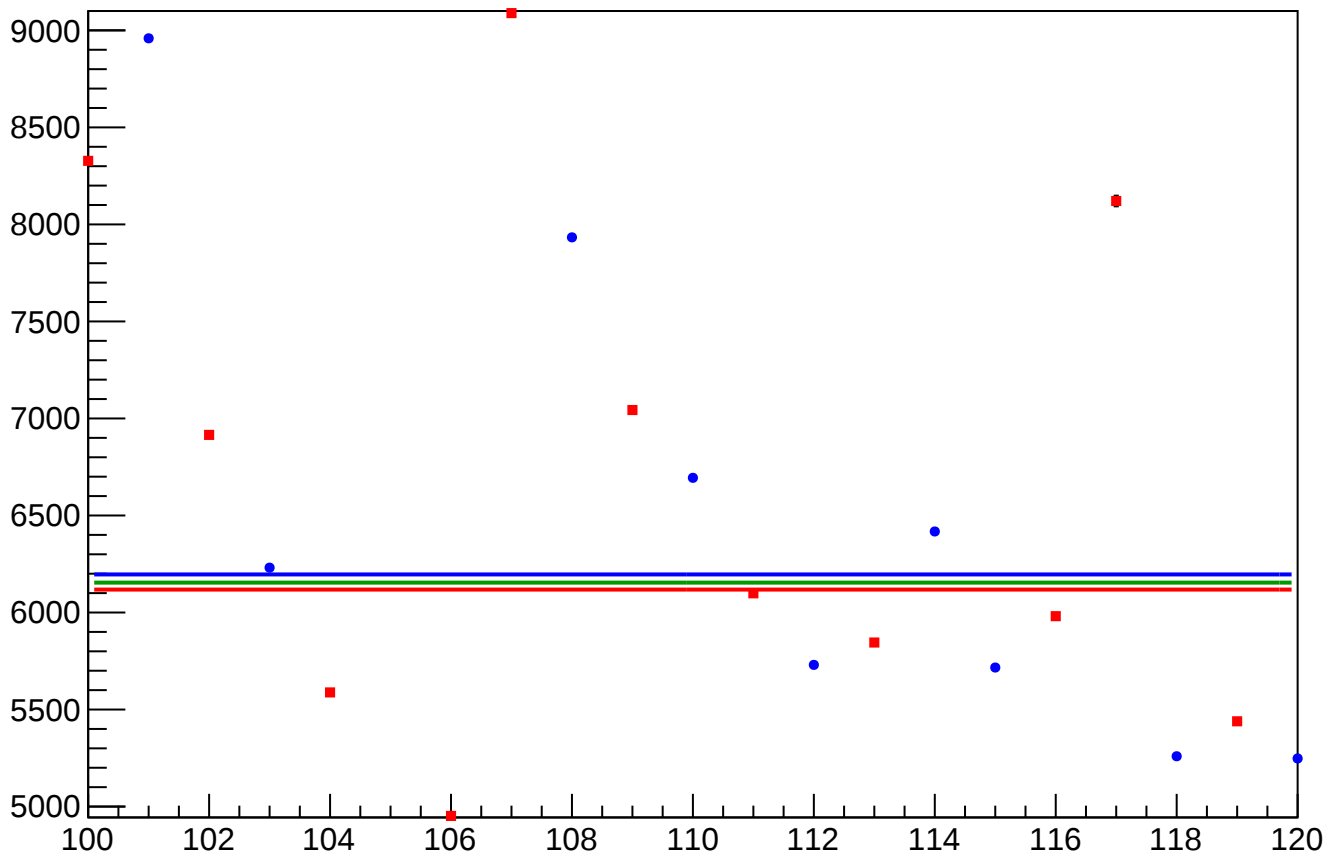
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3325.786+/-3445.077 χ^2/NDF : 8.1/8

3268.768+/-2335.654 χ^2/NDF : 22.8/19

3220.267+/-3177.367 χ^2/NDF : 14.7/10

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6196.232+/-2.436 χ^2/NDF : 208213.9/8

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

Right Out: 6118.207+/-2.247 χ^2/NDF : 170455.5/10

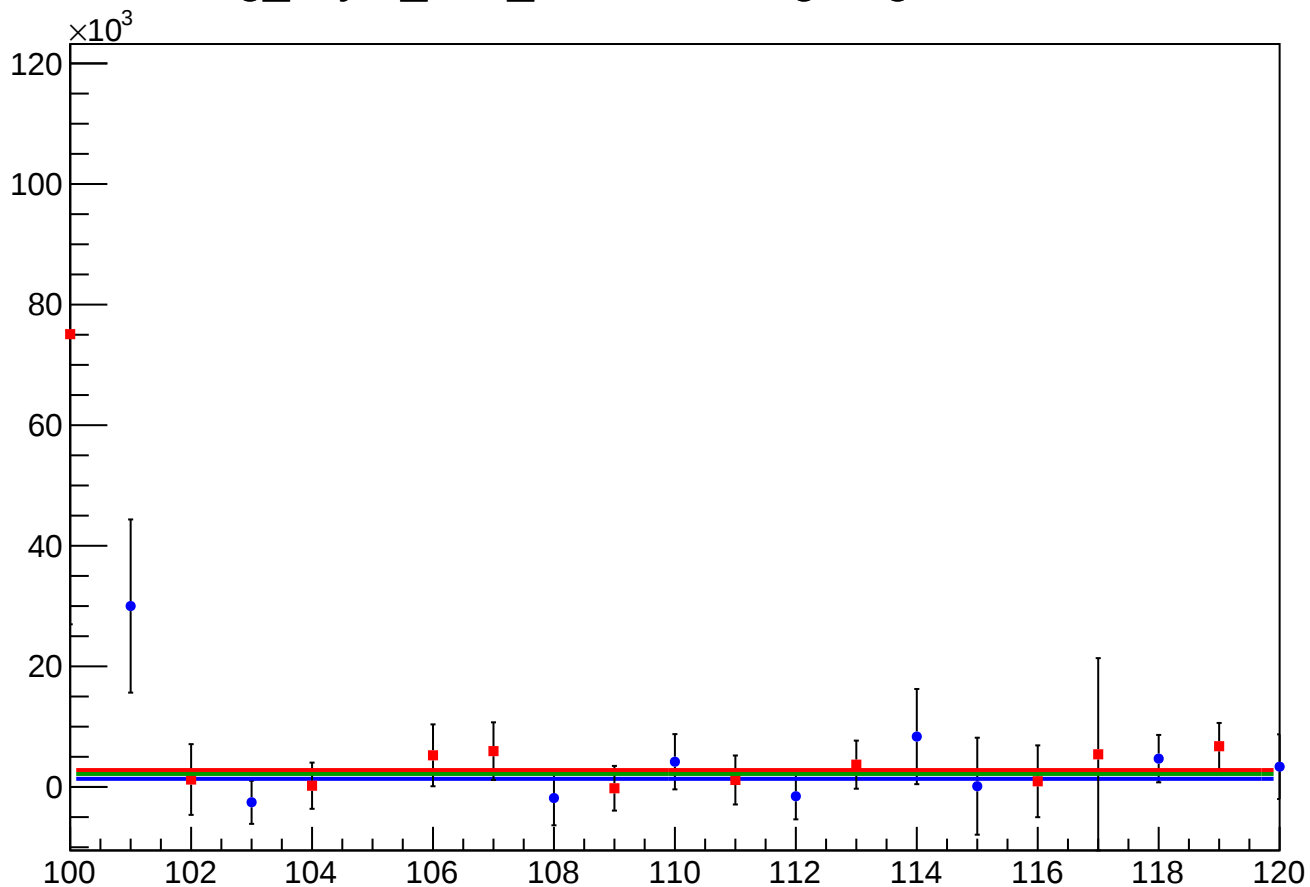
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6196.232+/-2.436 χ^2/NDF : 208213.9/8

6154.067+/-1.651 χ^2/NDF : 379223.8/19

6118.207+/-2.247 χ^2/NDF : 170455.5/10

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1347.269+/-1626.284 χ^2/NDF : 8.3/8

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

Right Out: 2800.304+/-1451.057 χ^2/NDF : 5.5/10

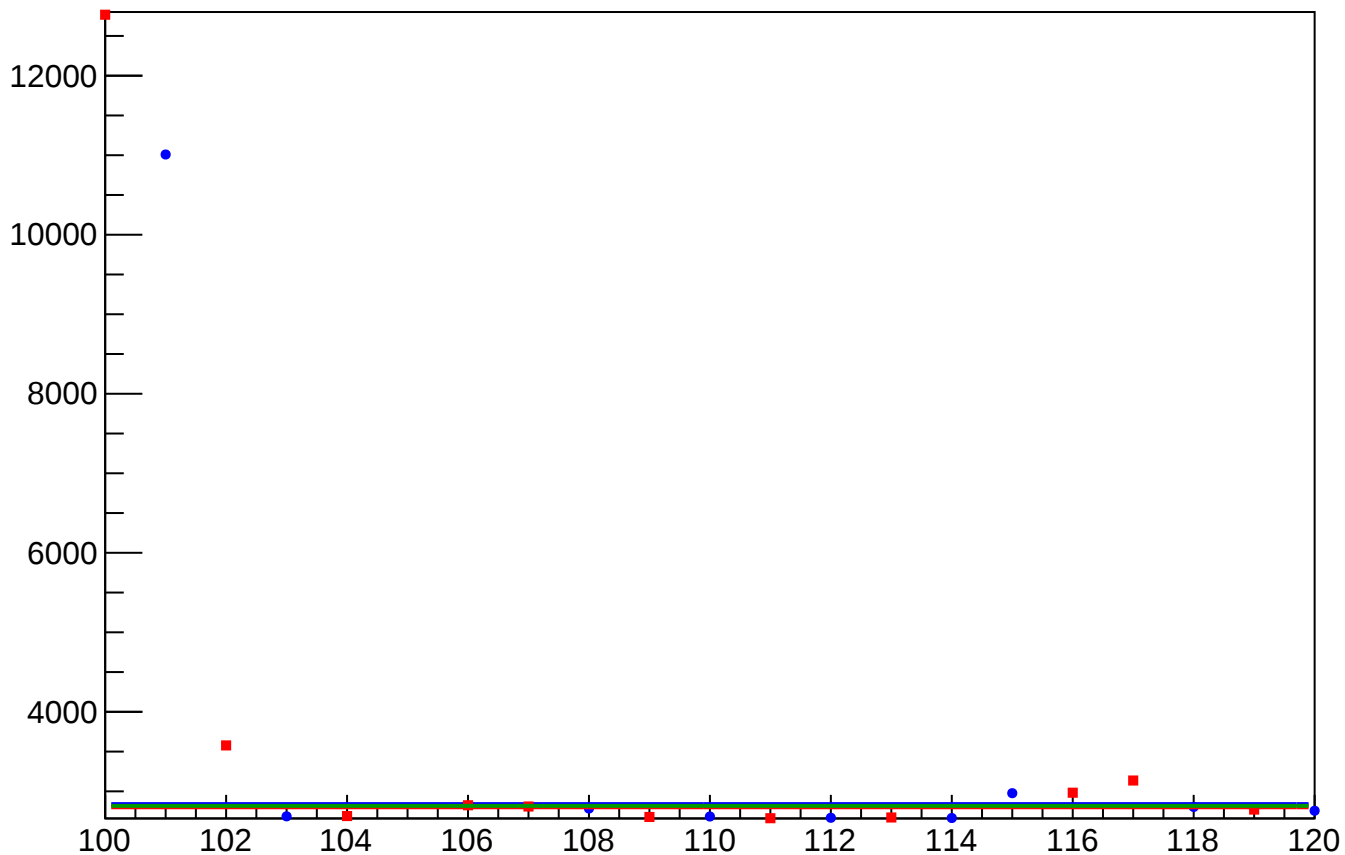
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1347.269+/-1626.284 χ^2/NDF : 8.3/8

2156.256+/-1082.723 χ^2/NDF : 14.2/19

2800.304+/-1451.057 χ^2/NDF : 5.5/10

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2839.310+/-1.150 χ^2/NDF : 659639.7/8

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

Right Out: 2799.787+/-1.026 χ^2/NDF : 132131.6/10

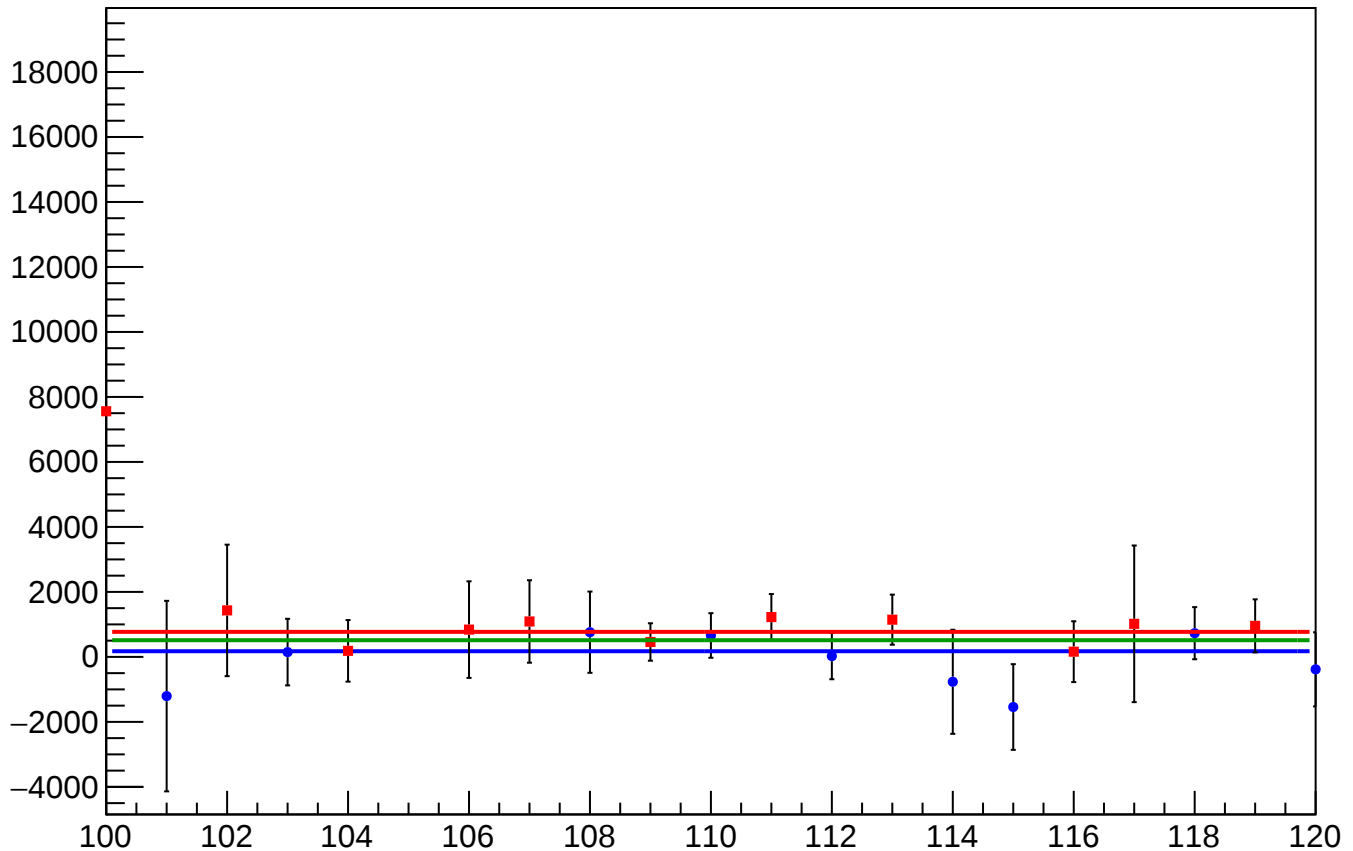
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2839.310+/-1.150 χ^2/NDF : 659639.7/8

2817.305+/-0.766 χ^2/NDF : 792429.0/19

2799.787+/-1.026 χ^2/NDF : 132131.6/10

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 174.655+/-331.558 χ^2/NDF : 3.7/8

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

Right Out: 770.797+/-289.384 χ^2/NDF : 2.3/10

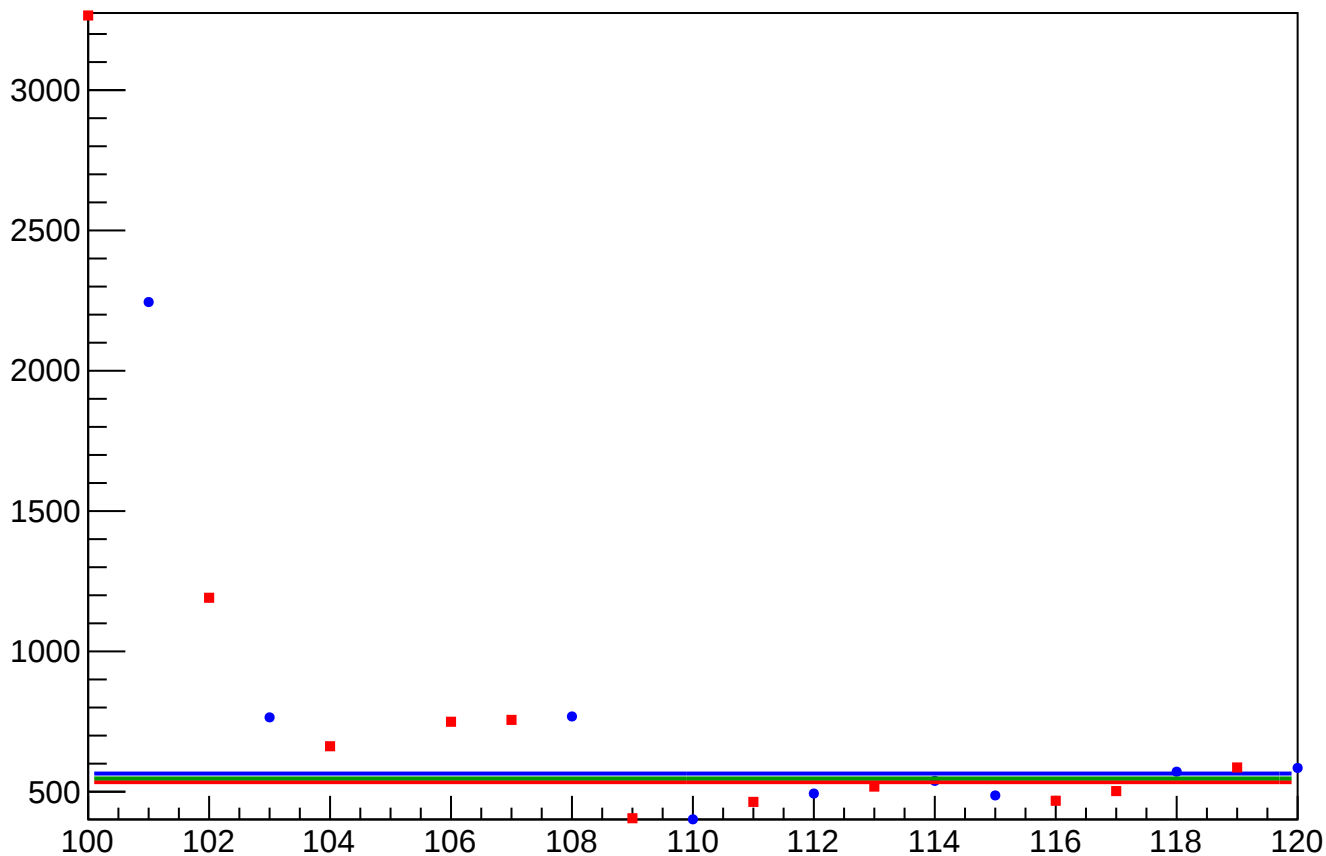
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.655+/-331.558 χ^2/NDF : 3.7/8

513.029+/-218.021 χ^2/NDF : 7.9/19

770.797+/-289.384 χ^2/NDF : 2.3/10

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 564.727+/-0.234 χ^2/NDF : 927537.6/8

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

Right Out: 534.039+/-0.205 χ^2/NDF : 586209.2/10

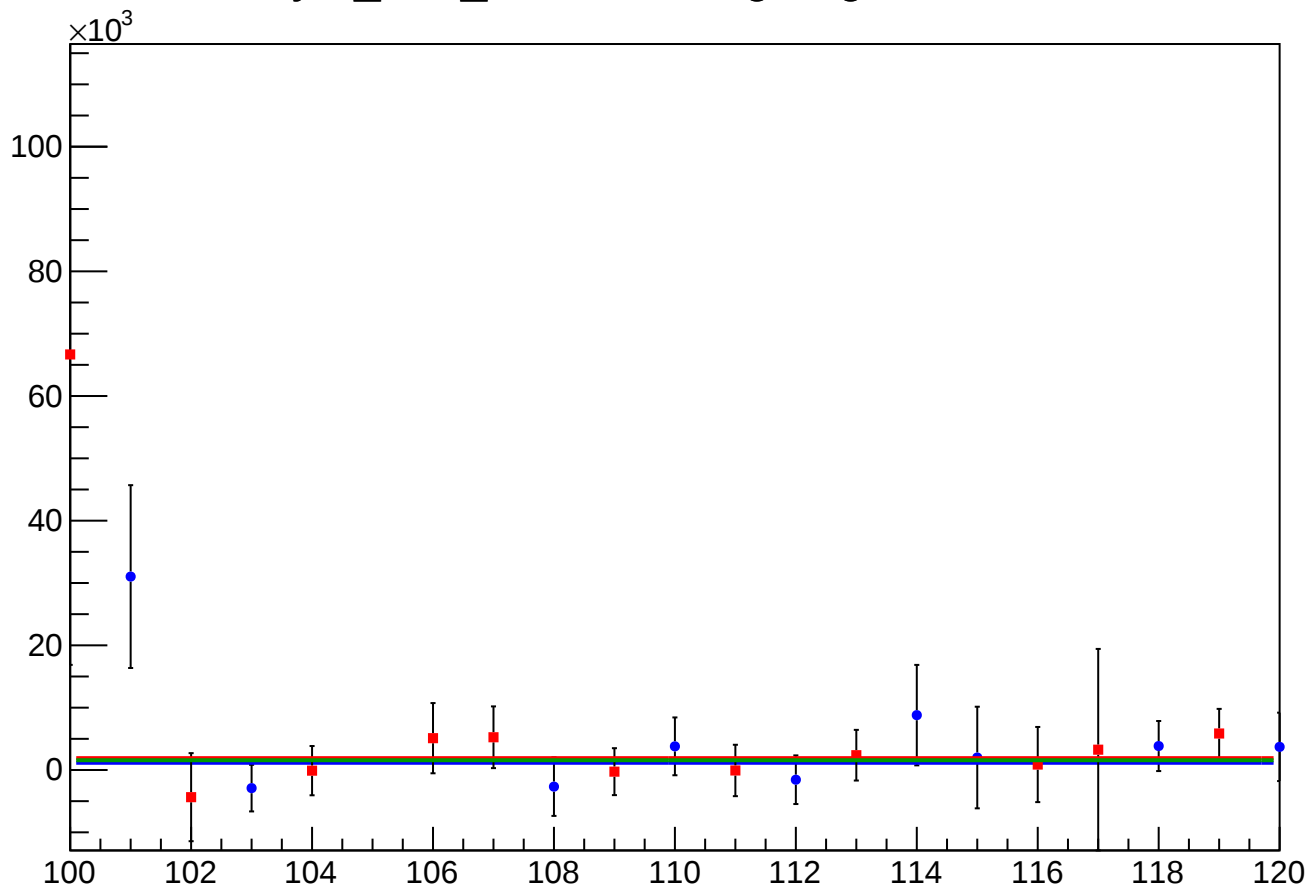
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

564.727+/-0.234 χ^2/NDF : 927537.6/8

547.308+/-0.154 χ^2/NDF : 1523471.9/19

534.039+/-0.205 χ^2/NDF : 586209.2/10

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1159.553 $\pm$ 1668.101 χ^2 /NDF: 8.4/8

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

Right Out: 1900.227 $\pm$ 1503.999 χ^2 /NDF: 5.1/10

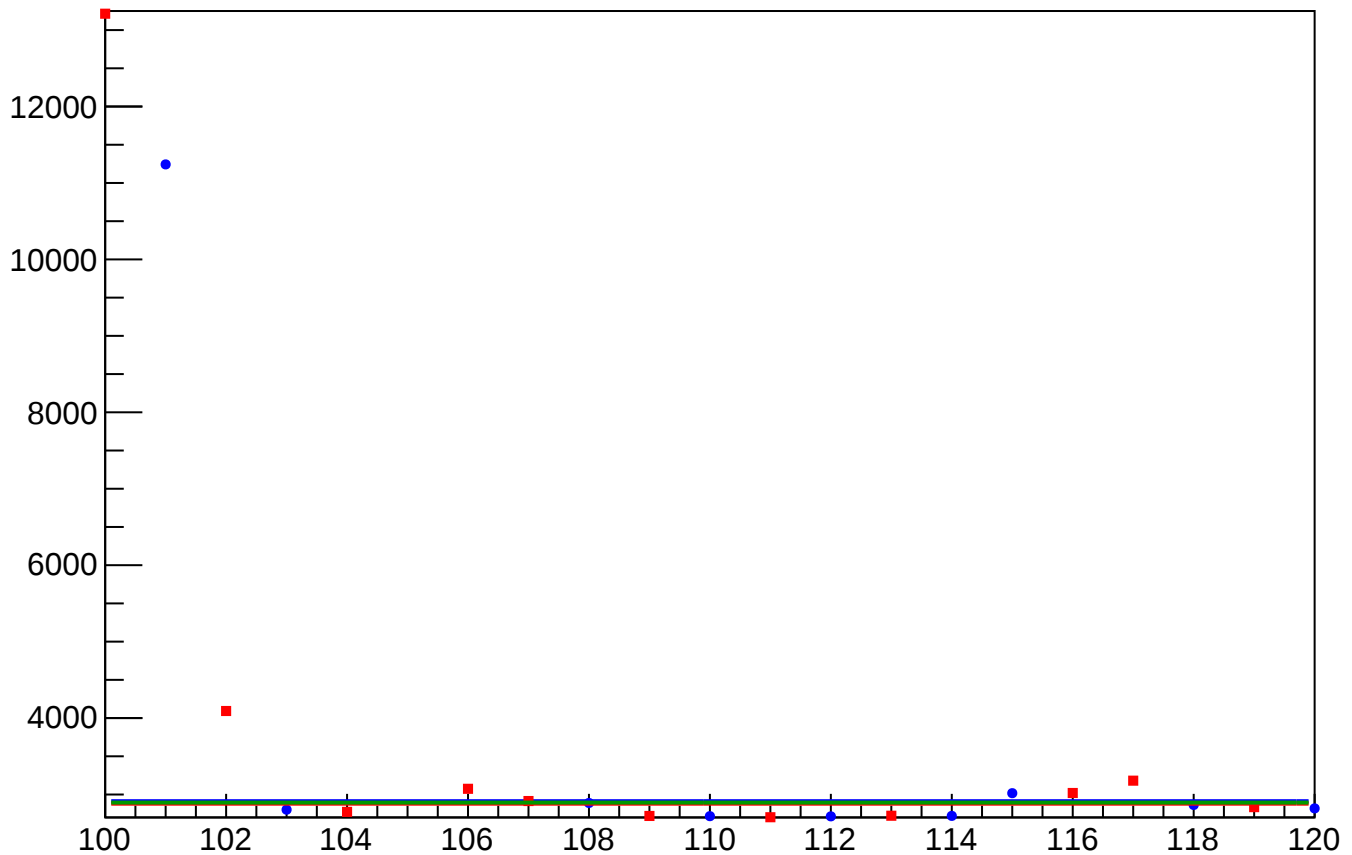
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1159.553 $\pm$ 1668.101 χ^2 /NDF: 8.4/8

1568.105 $\pm$ 1117.011 χ^2 /NDF: 13.6/19

1900.227 $\pm$ 1503.999 χ^2 /NDF: 5.1/10

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2912.839+/-1.180 χ^2/NDF : 658103.5/8

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

Right Out: 2880.059+/-1.063 χ^2/NDF : 161346.3/10

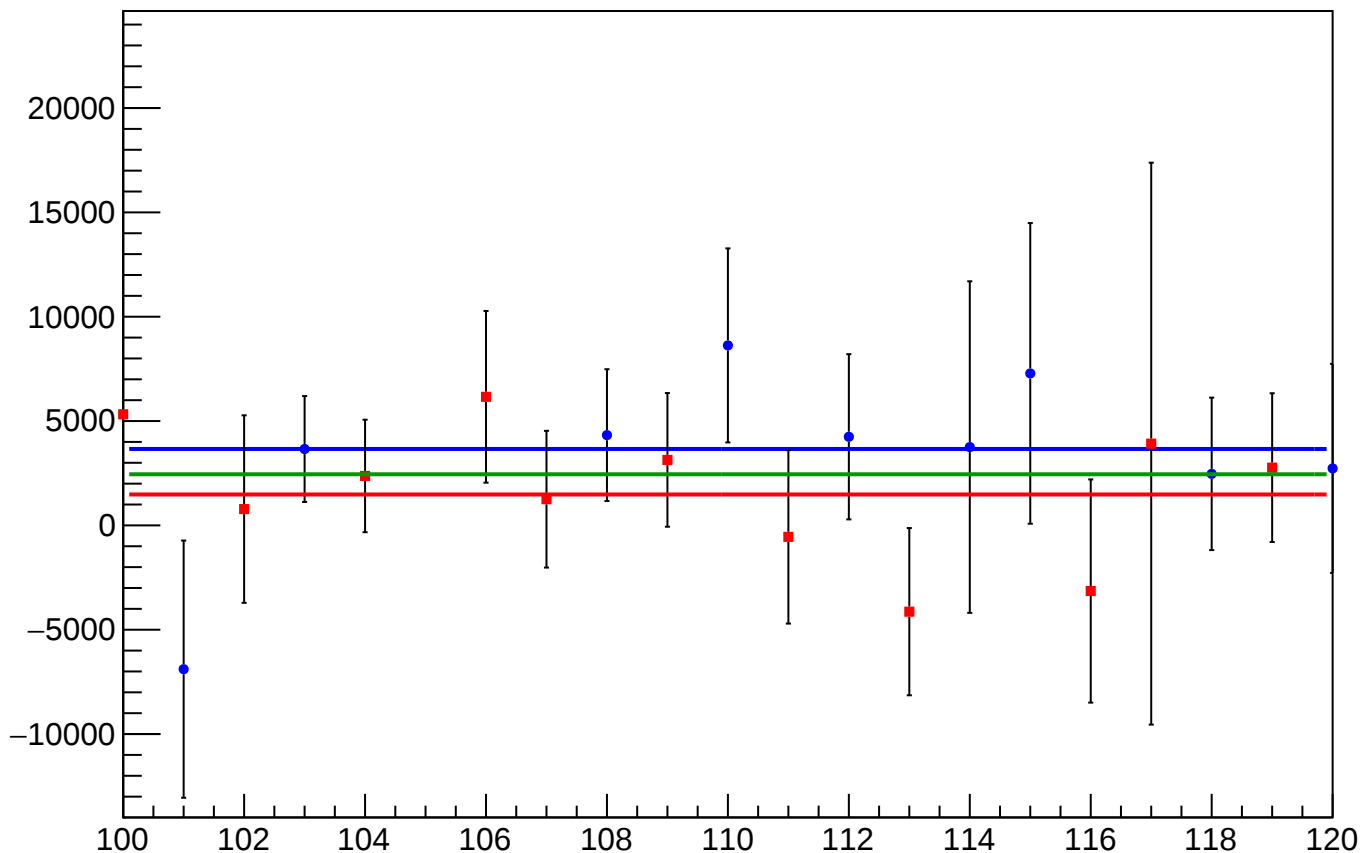
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2912.839+/-1.180 χ^2/NDF : 658103.5/8

2894.758+/-0.790 χ^2/NDF : 819875.8/19

2880.059+/-1.063 χ^2/NDF : 161346.3/10

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3662.090+/-1358.586 χ^2/NDF : 4.5/8

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

Right Out: 1481.601+/-1213.623 χ^2/NDF : 4.9/10

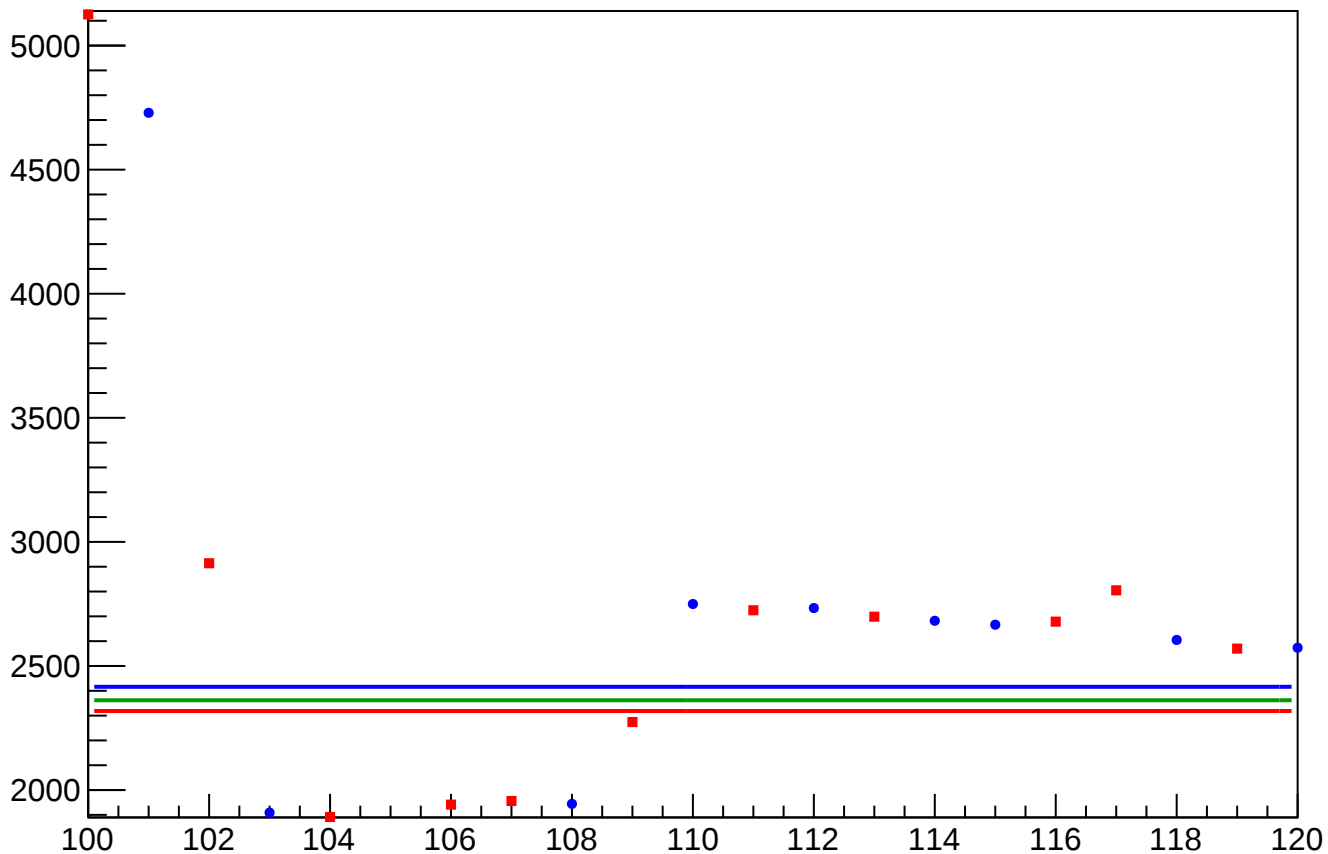
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3662.090+/-1358.586 χ^2/NDF : 4.5/8

2449.348+/-905.089 χ^2/NDF : 10.8/19

1481.601+/-1213.623 χ^2/NDF : 4.9/10

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2416.131+/-0.961 χ^2/NDF : 441249.7/8

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

Right Out: 2318.637+/-0.858 χ^2/NDF : 227899.8/10

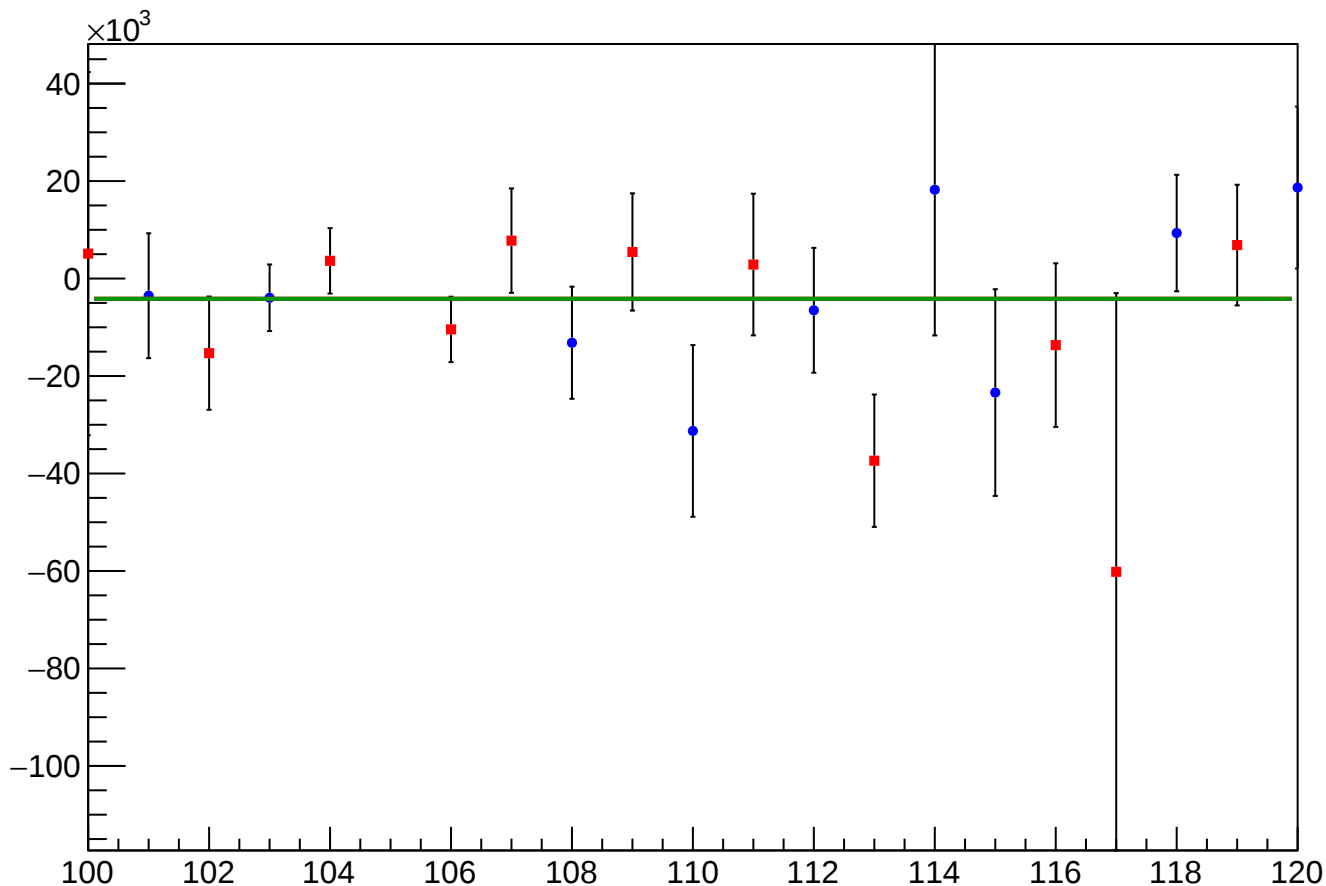
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2416.131+/-0.961 χ^2/NDF : 441249.7/8

2361.906+/-0.640 χ^2/NDF : 674877.9/19

2318.637+/-0.858 χ^2/NDF : 227899.8/10

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -4188.035+/-4139.786 χ^2 /NDF: 7.6/8

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

Right Out: -4131.700+/-3358.115 χ^2 /NDF: 13.4/10

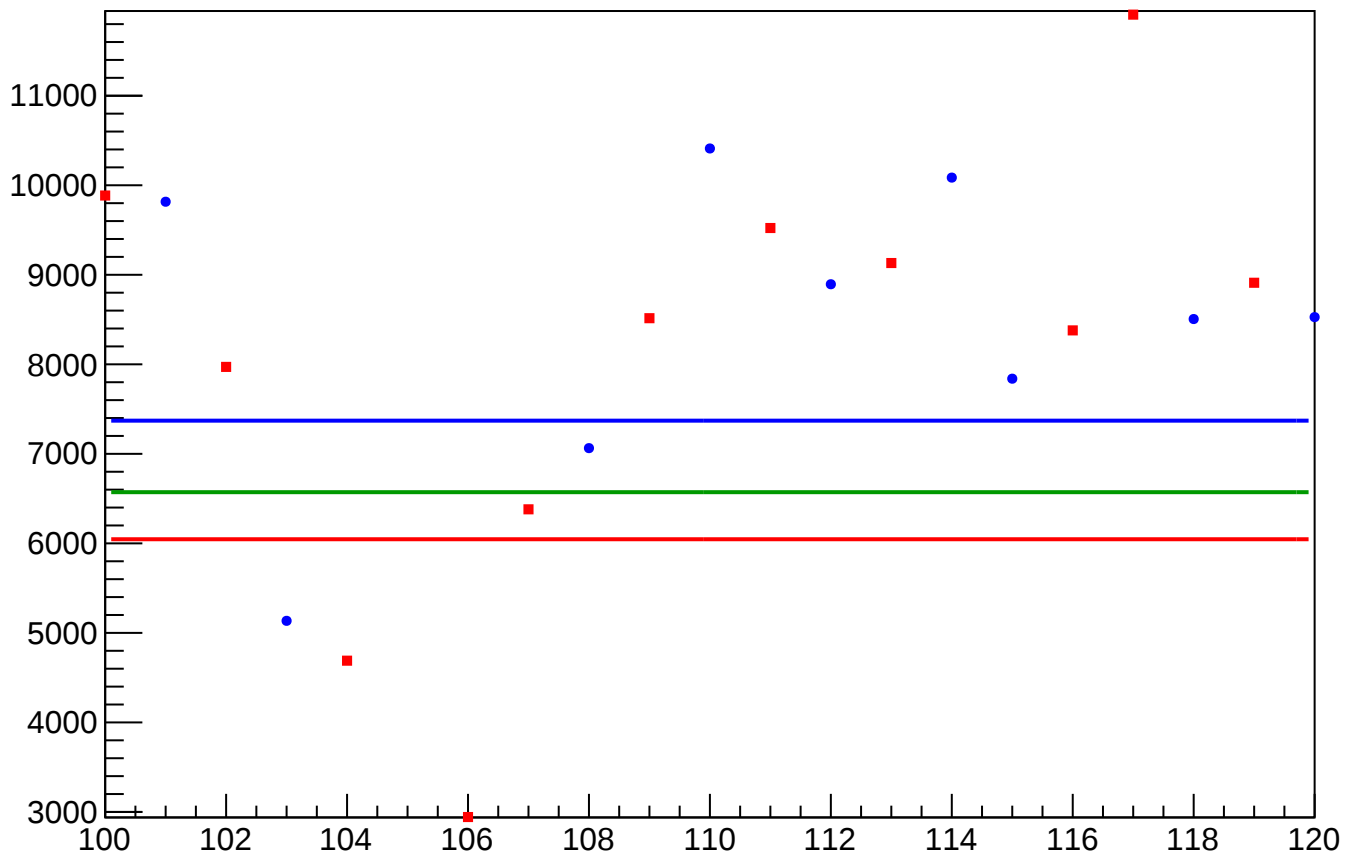
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4188.035+/-4139.786 χ^2 /NDF: 7.6/8

-4154.057+/-2607.963 χ^2 /NDF: 20.9/19

-4131.700+/-3358.115 χ^2 /NDF: 13.4/10

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 7370.673 +/- 2.927 χ^2/NDF : 421436.1/8

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

Right Out: 6046.074 +/- 2.375 χ^2/NDF : 1055975.7/10

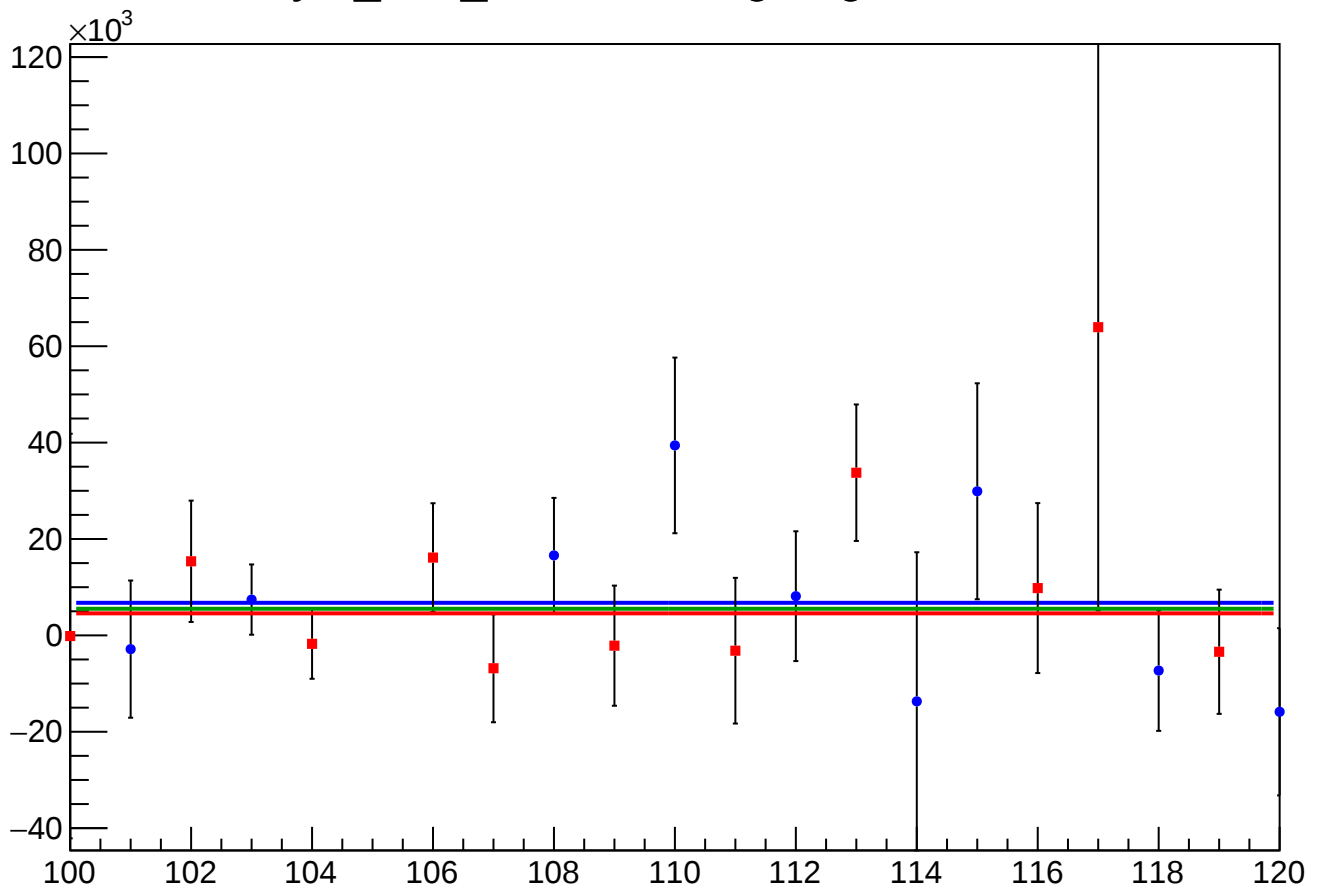
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

7370.673 +/- 2.927 χ^2/NDF : 421436.1/8

6571.766 +/- 1.844 χ^2/NDF : 1600908.5/19

6046.074 +/- 2.375 χ^2/NDF : 1055975.7/10

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6758.568 $\pm$ 4383.818 χ^2 /NDF: 8.8/8

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

Right Out: 4571.471 $\pm$ 3862.302 χ^2 /NDF: 9.9/10

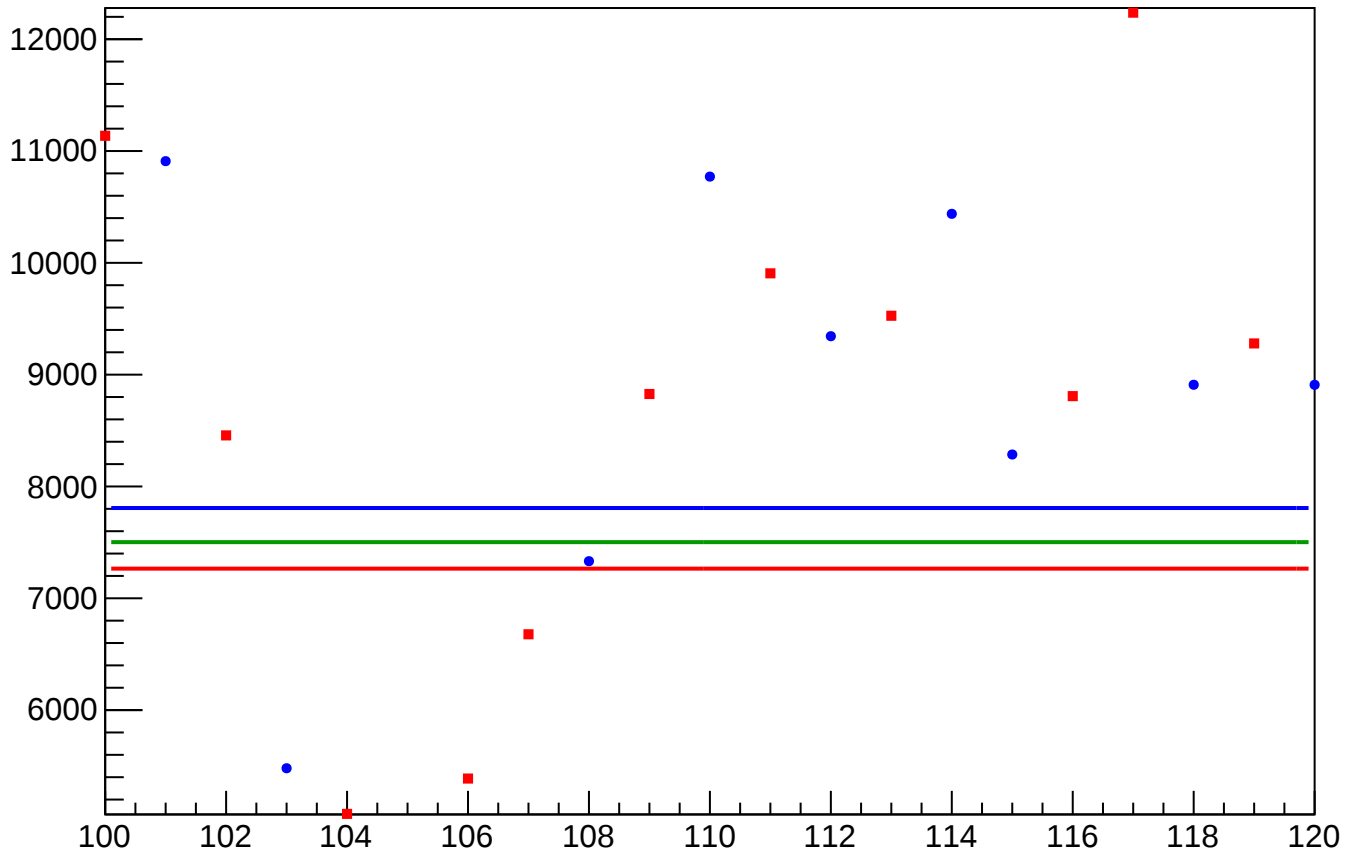
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6758.568 $\pm$ 4383.818 χ^2 /NDF: 8.8/8

5527.251 $\pm$ 2897.993 χ^2 /NDF: 18.9/19

4571.471 $\pm$ 3862.302 χ^2 /NDF: 9.9/10

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7807.348+/-3.100 χ^2/NDF : 419789.4/8

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

Right Out: 7265.208+/-2.731 χ^2/NDF : 500699.6/10

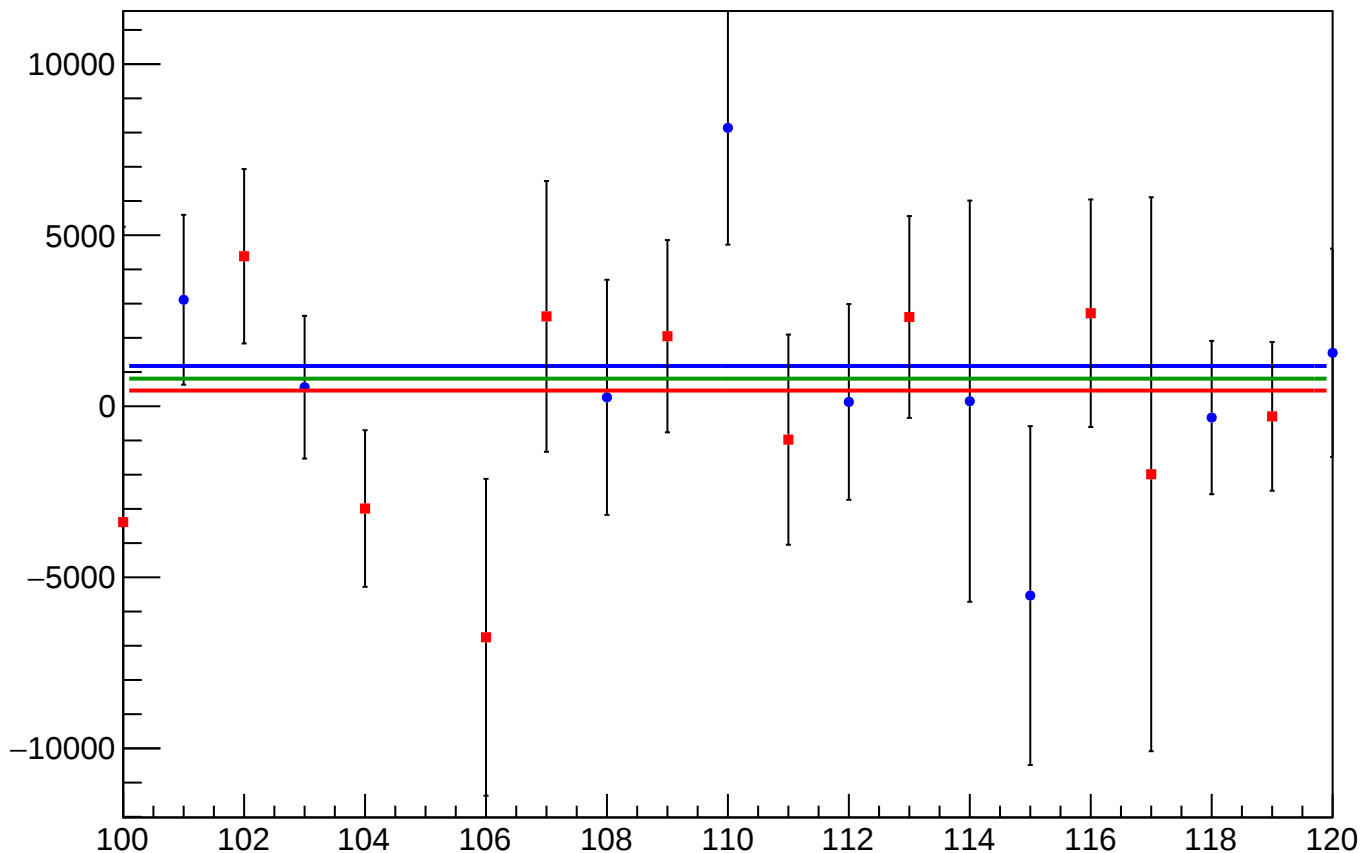
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7807.348+/-3.100 χ^2/NDF : 419789.4/8

7502.114+/-2.049 χ^2/NDF : 937710.5/19

7265.208+/-2.731 χ^2/NDF : 500699.6/10

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1177.762+/-970.675 χ^2/NDF : 7.4/8

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

Right Out: 459.560+/-939.241 χ^2/NDF : 9.3/10

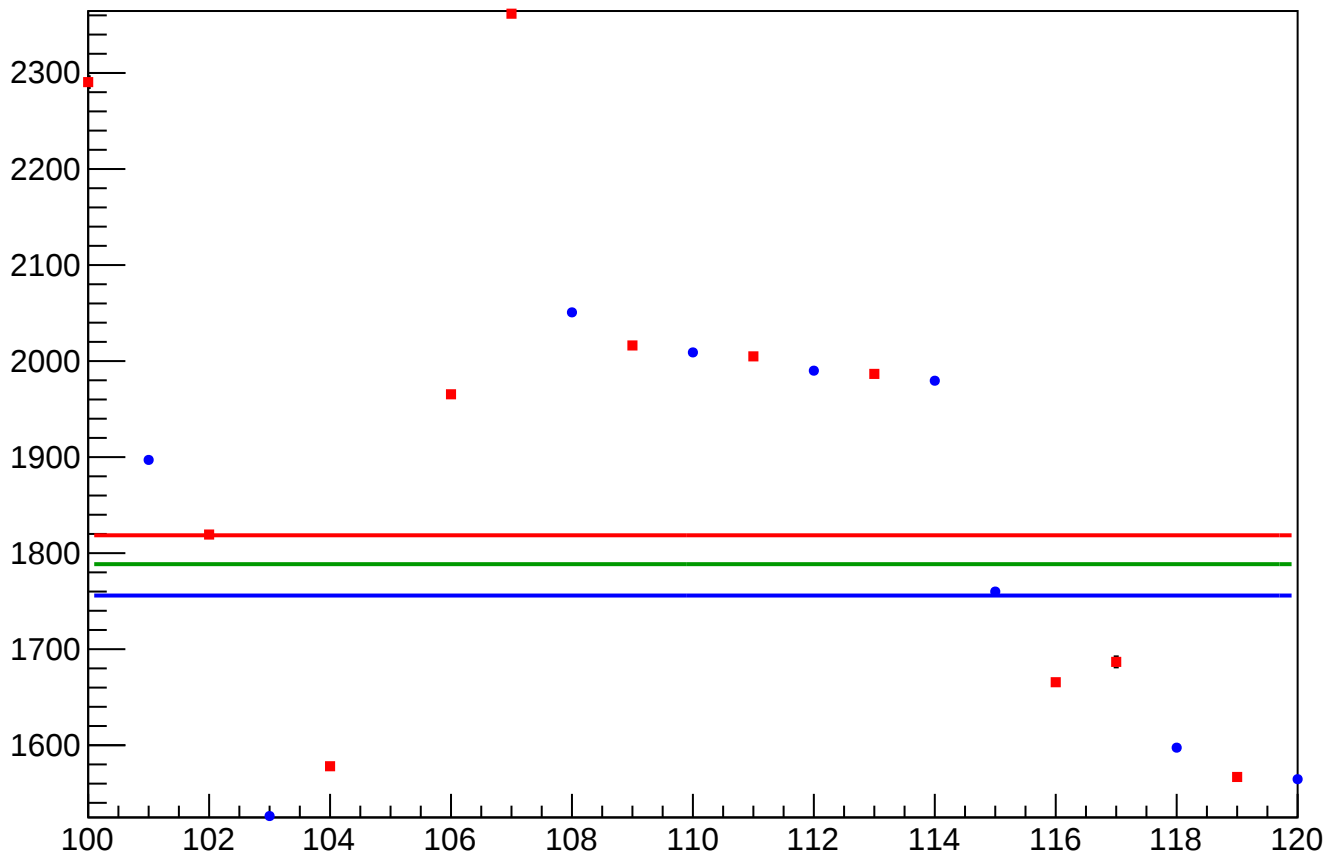
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1177.762+/-970.675 χ^2/NDF : 7.4/8

806.844+/-674.983 χ^2/NDF : 17.0/19

459.560+/-939.241 χ^2/NDF : 9.3/10

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1755.865+/-0.686 χ^2/NDF : 90601.6/8

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

Right Out: 1818.598+/-0.658 χ^2/NDF : 123918.6/10

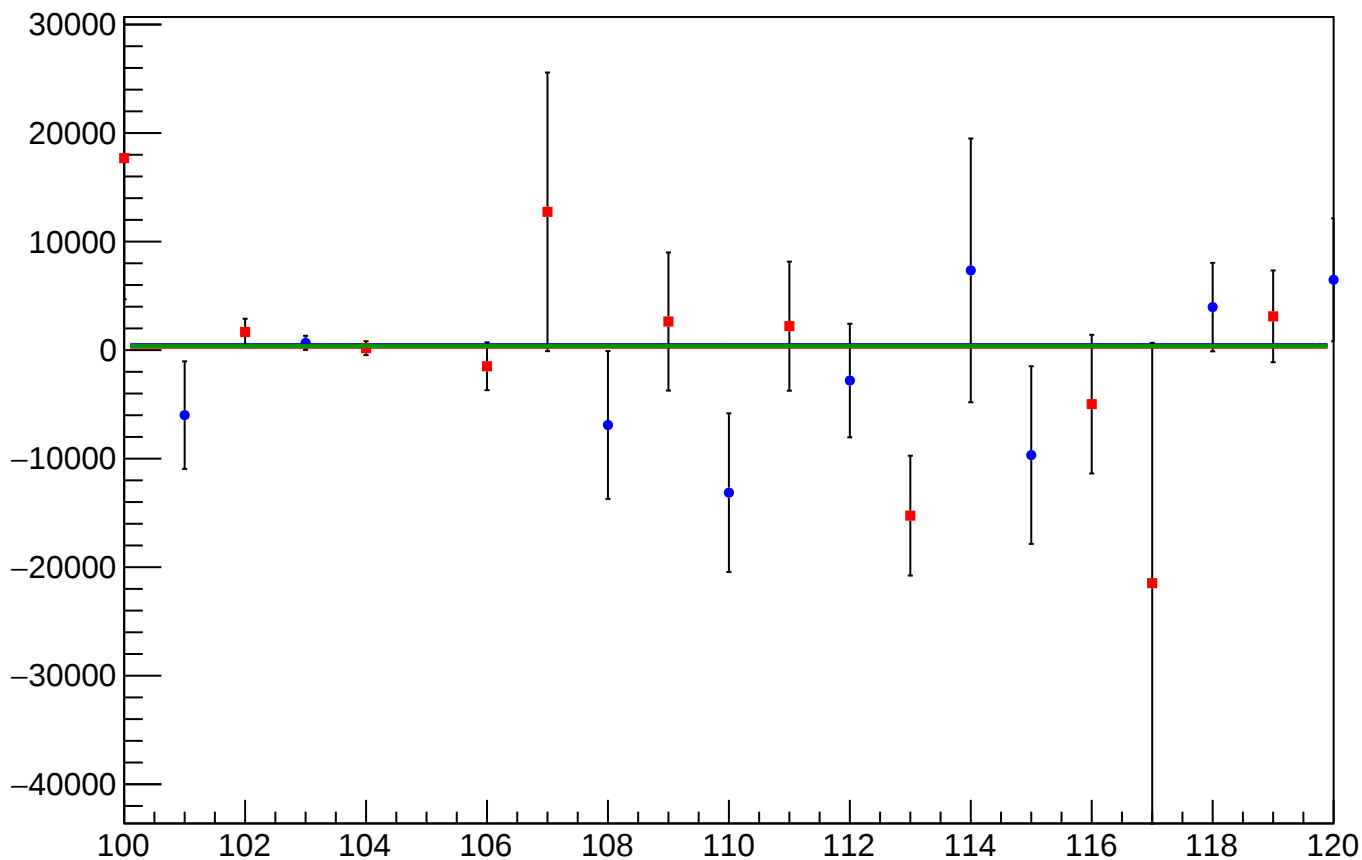
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1755.865+/-0.686 χ^2/NDF : 90601.6/8

1788.537+/-0.475 χ^2/NDF : 218870.8/19

1818.598+/-0.658 χ^2/NDF : 123918.6/10

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 459.375+/-619.257 χ^2/NDF : 10.5/8

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

Right Out: 307.419+/-535.294 χ^2/NDF : 14.9/10

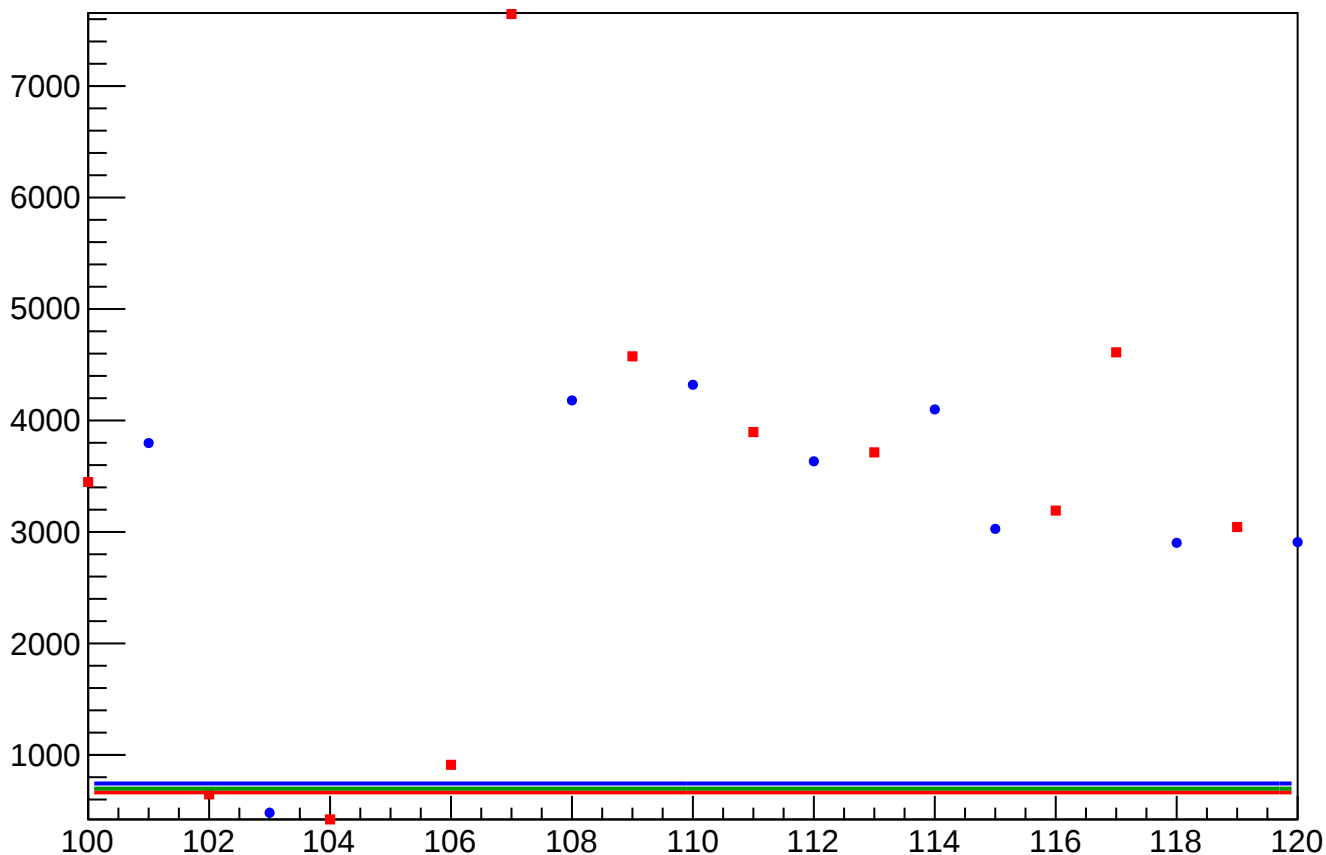
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

459.375+/-619.257 χ^2/NDF : 10.5/8

372.404+/-404.967 χ^2/NDF : 25.5/19

307.419+/-535.294 χ^2/NDF : 14.9/10

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 743.834+/-0.438 χ^2/NDF : 3846525.4/8

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

Right Out: 663.866+/-0.379 χ^2/NDF : 3962335.7/10

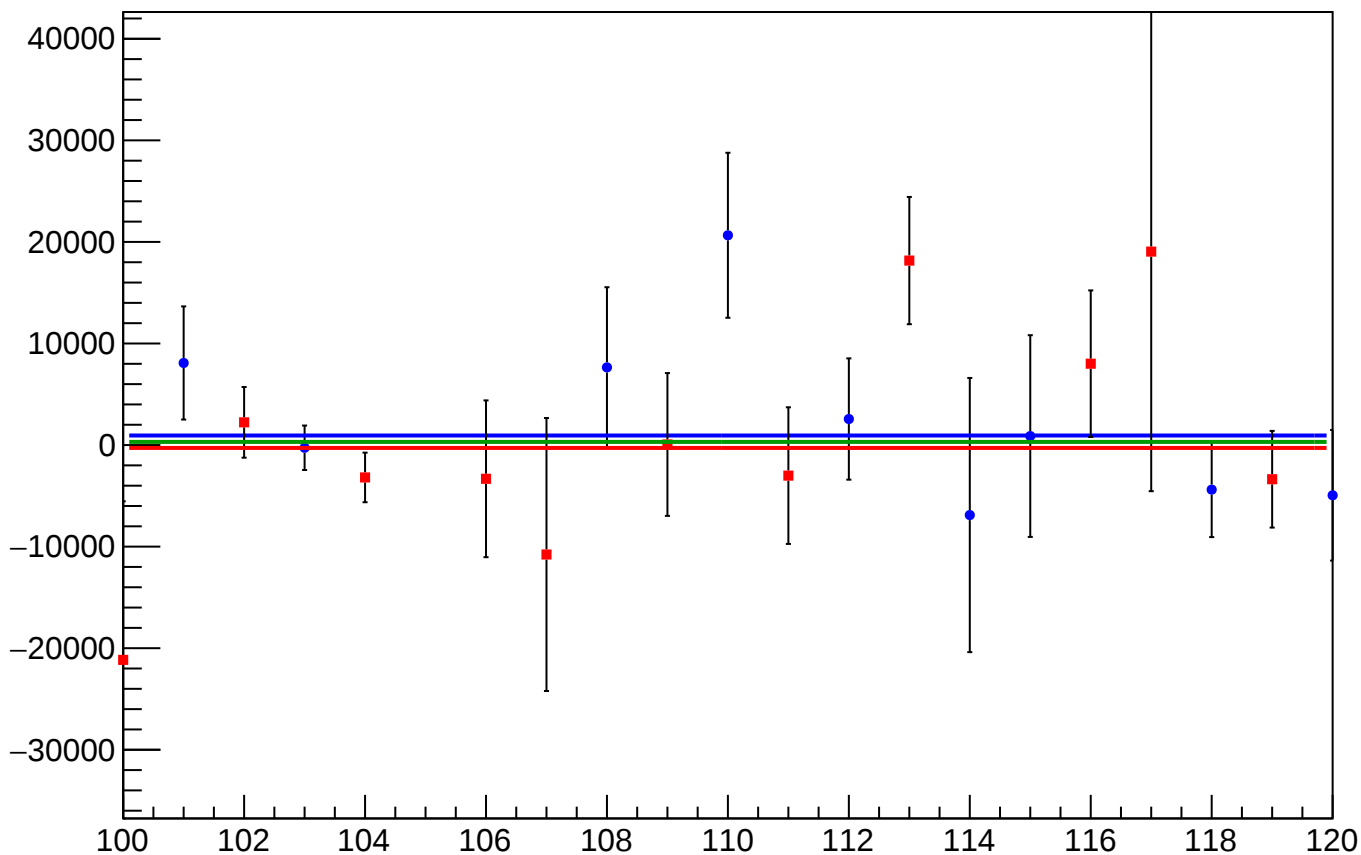
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

743.834+/-0.438 χ^2/NDF : 3846525.4/8

698.065+/-0.286 χ^2/NDF : 7827950.0/19

663.866+/-0.379 χ^2/NDF : 3962335.7/10

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 940.981+/-1609.889 χ^2/NDF : 11.1/8

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

Right Out: -282.800+/-1561.895 χ^2/NDF : 15.7/10

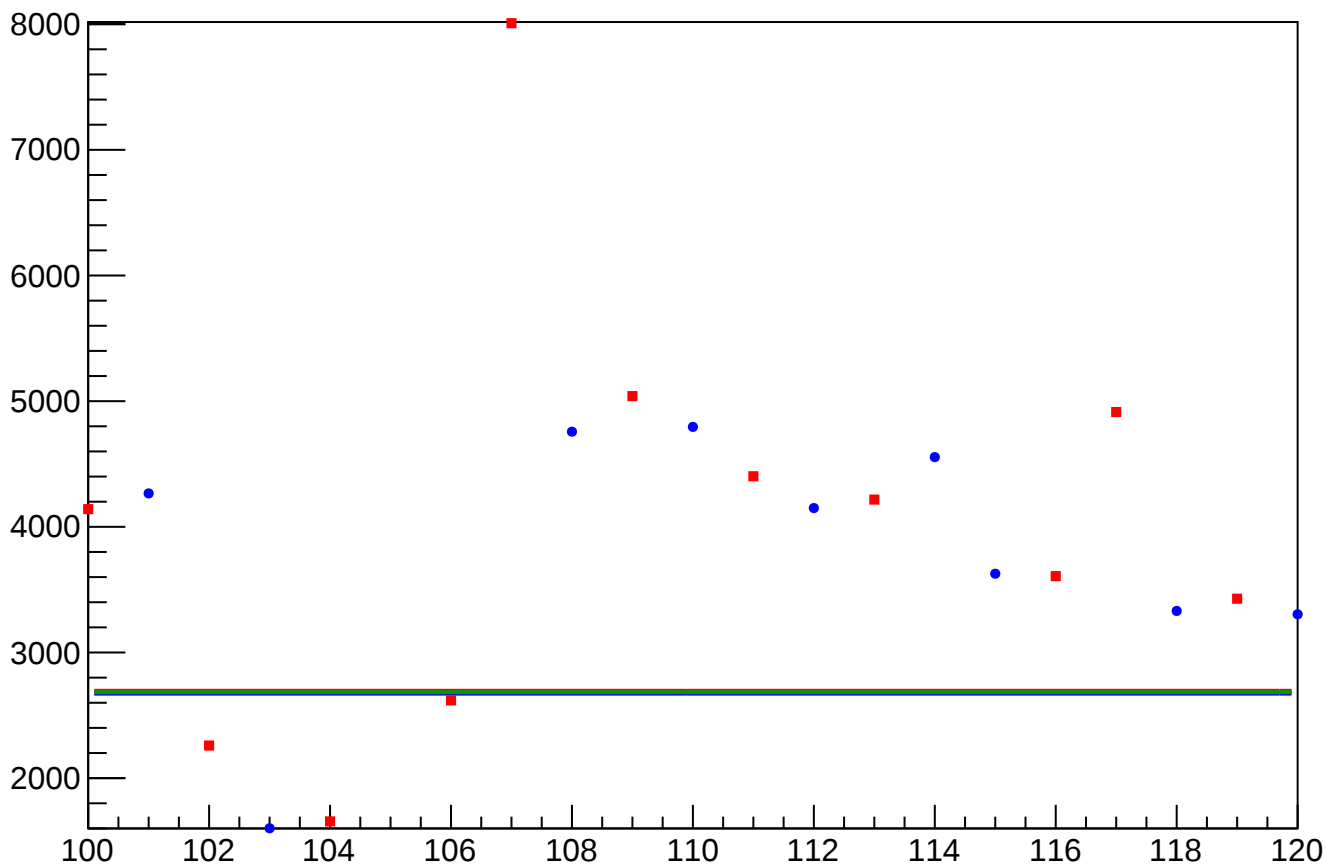
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

940.981+/-1609.889 χ^2/NDF : 11.1/8

310.577+/-1121.010 χ^2/NDF : 27.1/19

-282.800+/-1561.895 χ^2/NDF : 15.7/10

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2672.986+/-1.138 χ^2/NDF : 1157633.1/8

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

Right Out: 2695.203+/-1.081 χ^2/NDF : 1290648.9/10

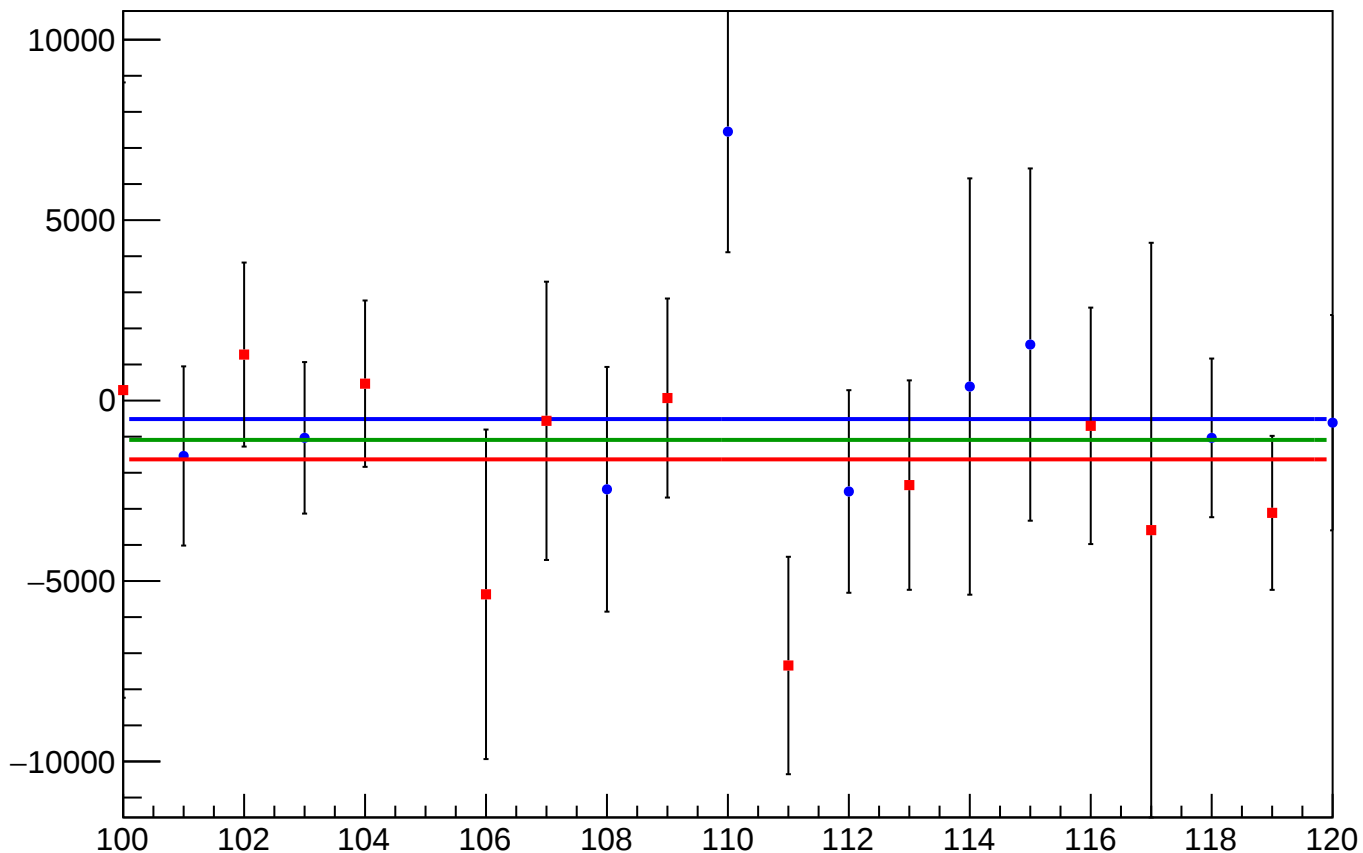
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2672.986+/-1.138 χ^2/NDF : 1157633.1/8

2684.667+/-0.784 χ^2/NDF : 2448482.2/19

2695.203+/-1.081 χ^2/NDF : 1290648.9/10

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -512.352+/-960.514 χ^2 /NDF: 7.0/8

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

Right Out: -1629.076+/-928.422 χ^2 /NDF: 7.6/10

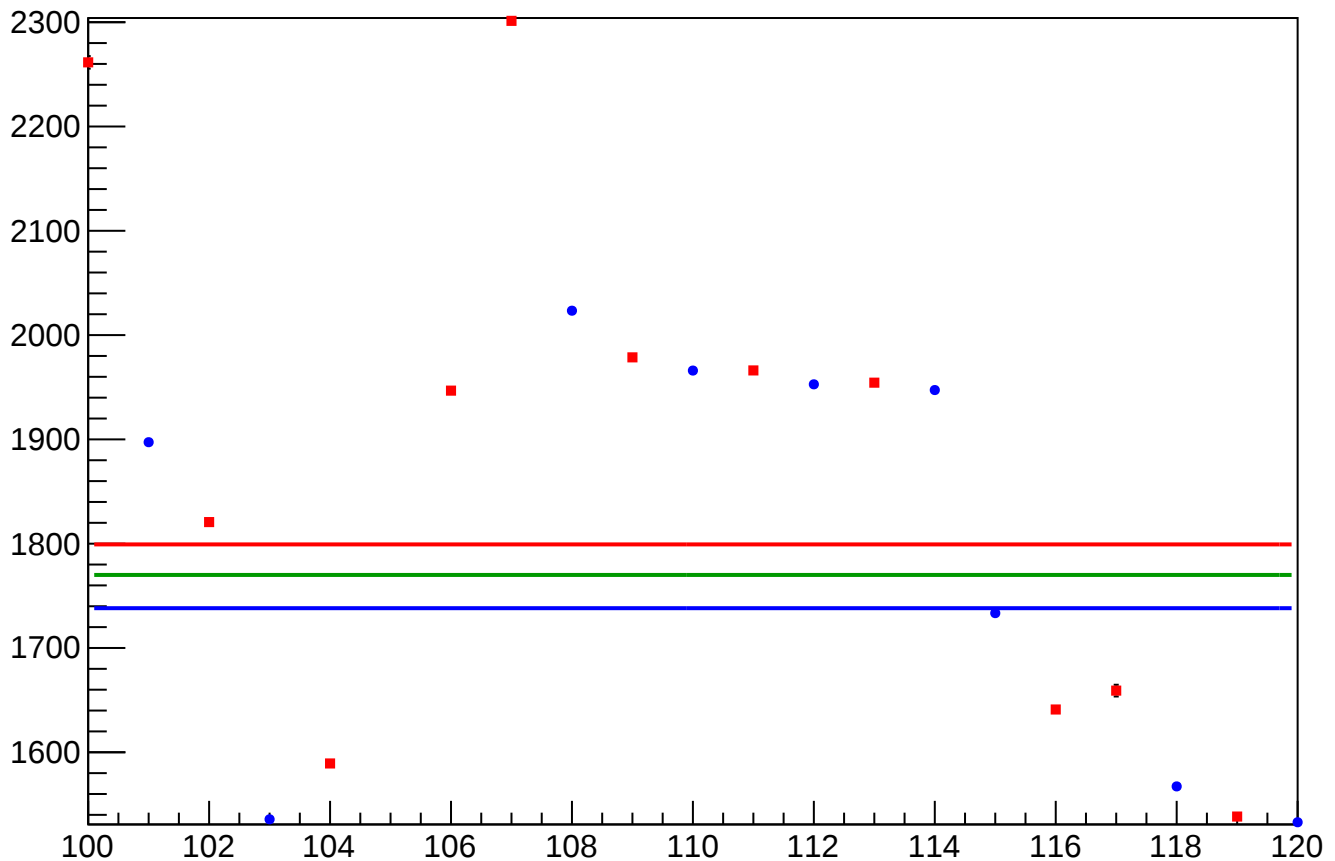
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-512.352+/-960.514 χ^2 /NDF: 7.0/8

-1089.681+/-667.551 χ^2 /NDF: 15.3/19

-1629.076+/-928.422 χ^2 /NDF: 7.6/10

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1738.155+/-0.679 χ^2/NDF : 86141.3/8

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

Right Out: 1799.305+/-0.651 χ^2/NDF : 114986.4/10

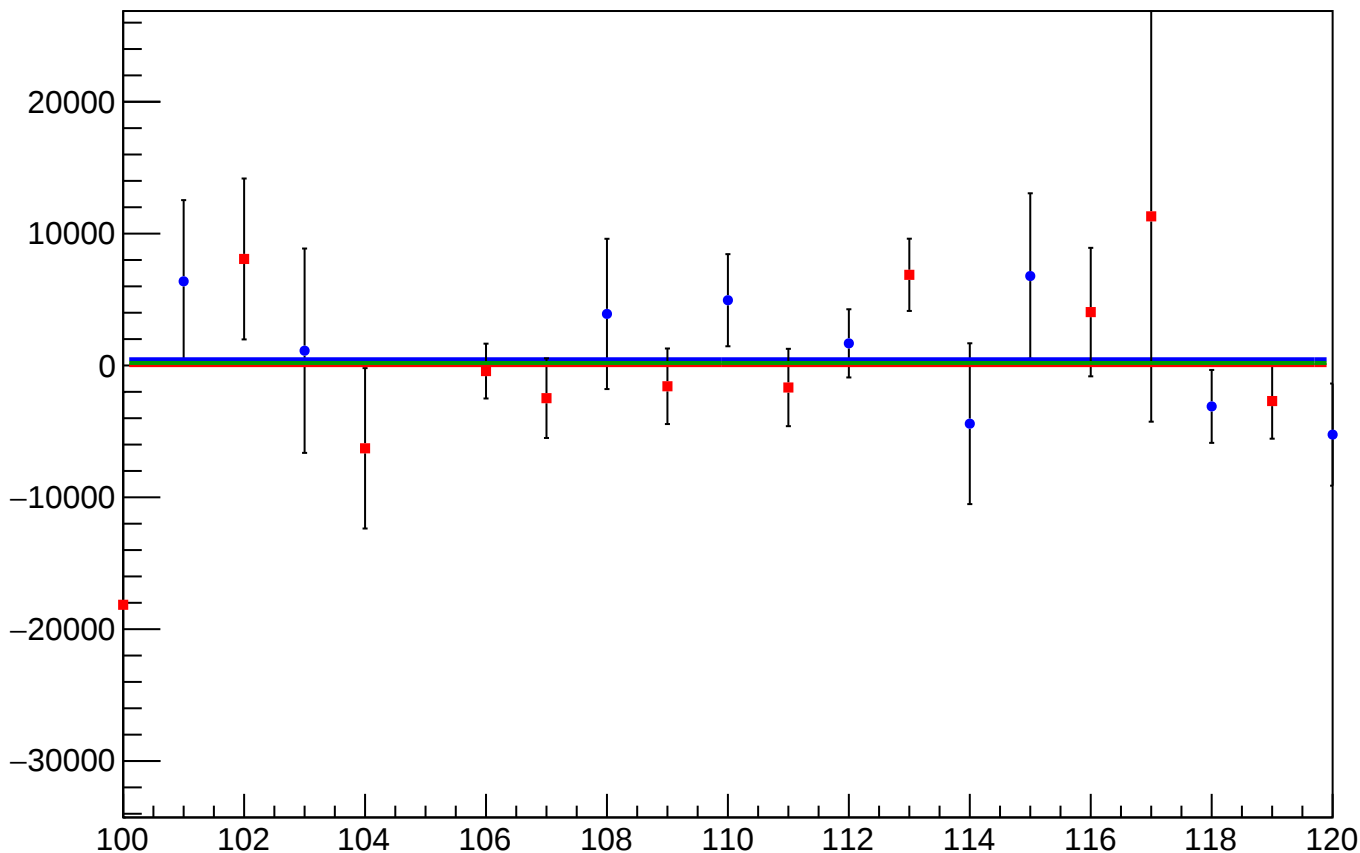
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1738.155+/-0.679 χ^2/NDF : 86141.3/8

1770.029+/-0.470 χ^2/NDF : 205352.9/19

1799.305+/-0.651 χ^2/NDF : 114986.4/10

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 471.342 $\pm$ 1342.347 χ^2 /NDF: 8.7/8

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

Right Out: 24.975 $\pm$ 1032.040 χ^2 /NDF: 13.8/10

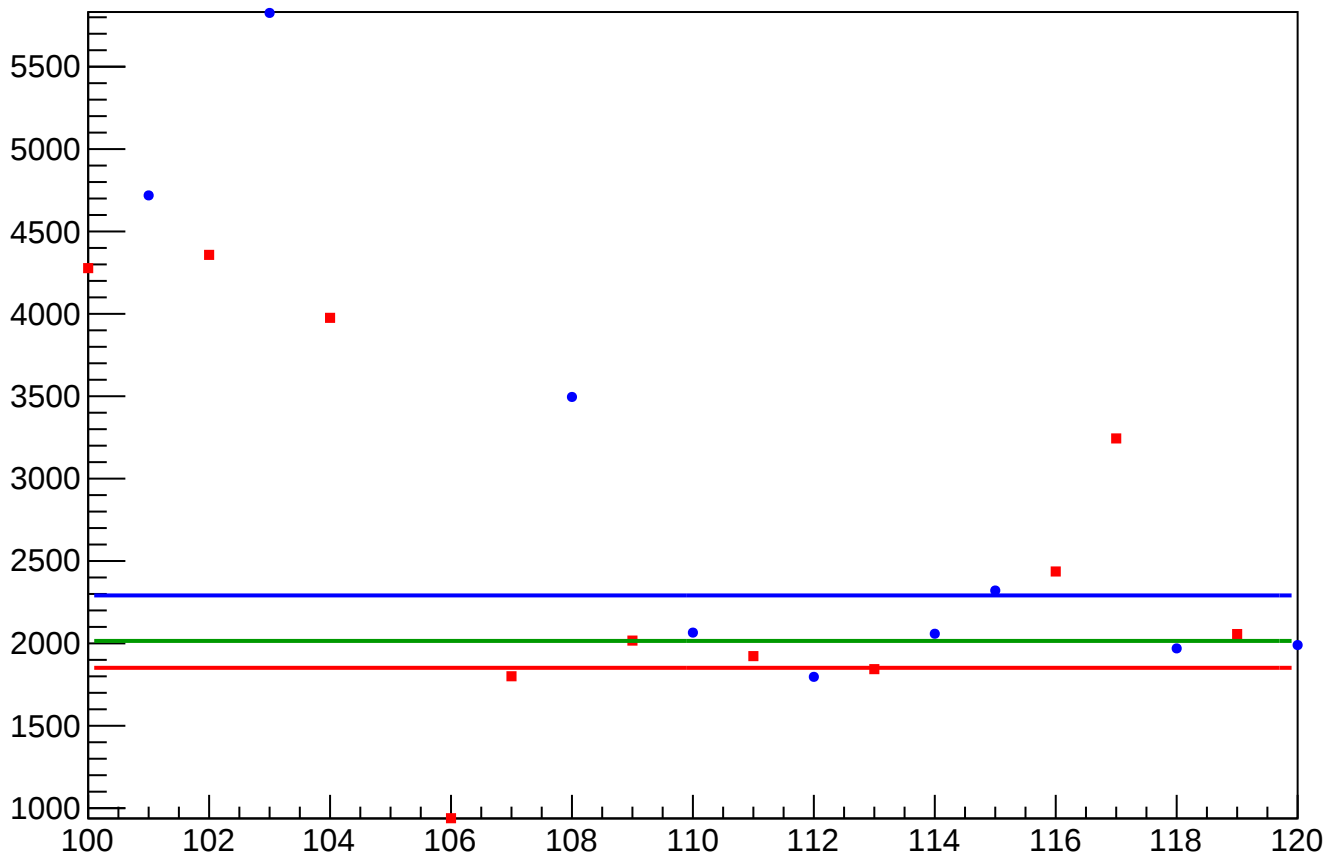
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

471.342 $\pm$ 1342.347 χ^2 /NDF: 8.7/8

190.803 $\pm$ 818.177 χ^2 /NDF: 22.6/19

24.975 $\pm$ 1032.040 χ^2 /NDF: 13.8/10

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 2291.104+/-0.949 χ^2/NDF : 939854.9/8

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

Right Out: 1851.749+/-0.730 χ^2/NDF : 1075510.6/10

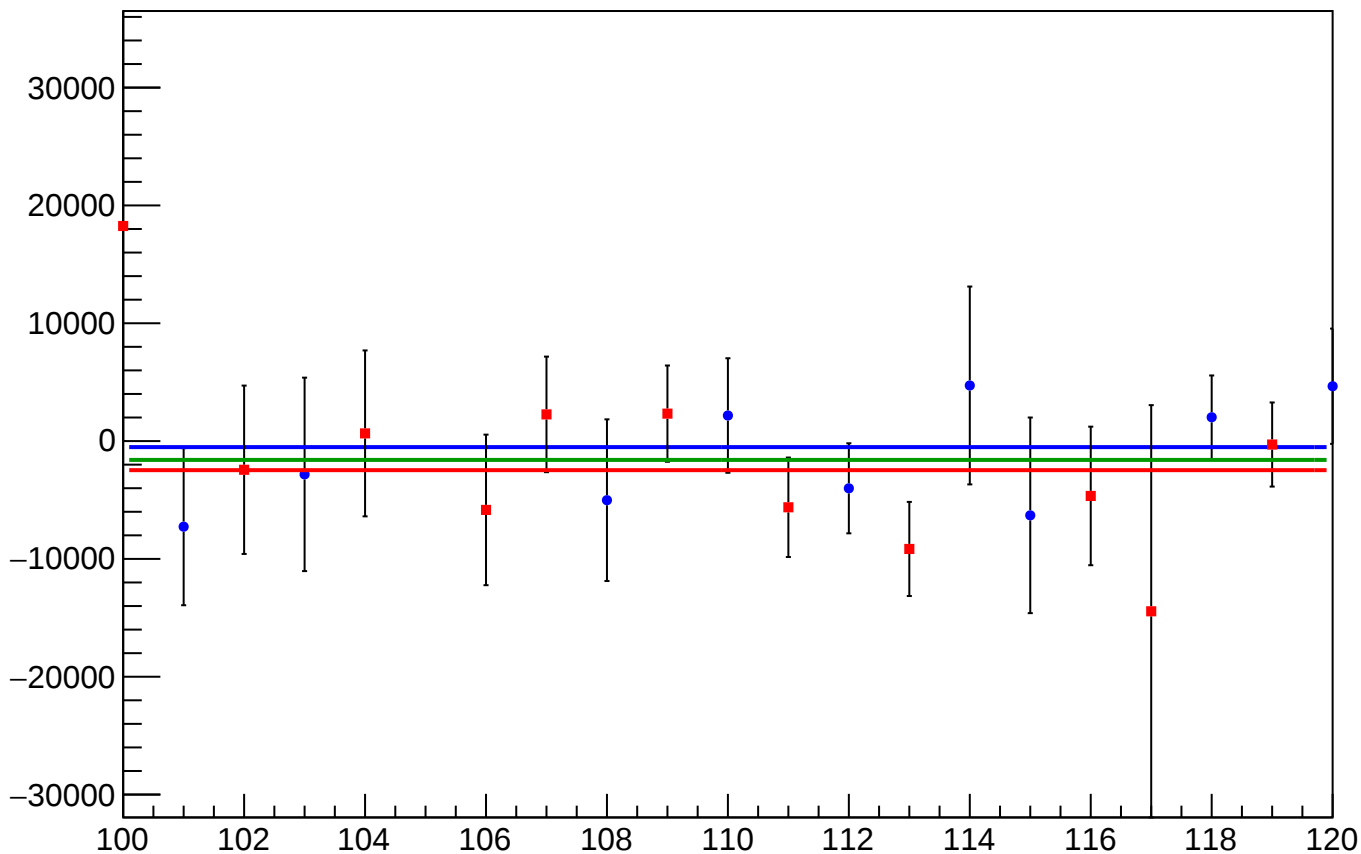
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2291.104+/-0.949 χ^2/NDF : 939854.9/8

2014.972+/-0.579 χ^2/NDF : 2150023.5/19

1851.749+/-0.730 χ^2/NDF : 1075510.6/10

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -511.206+/-1769.196 χ^2/NDF : 5.2/8

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

Right Out: -2468.134+/-1584.555 χ^2/NDF : 8.4/10

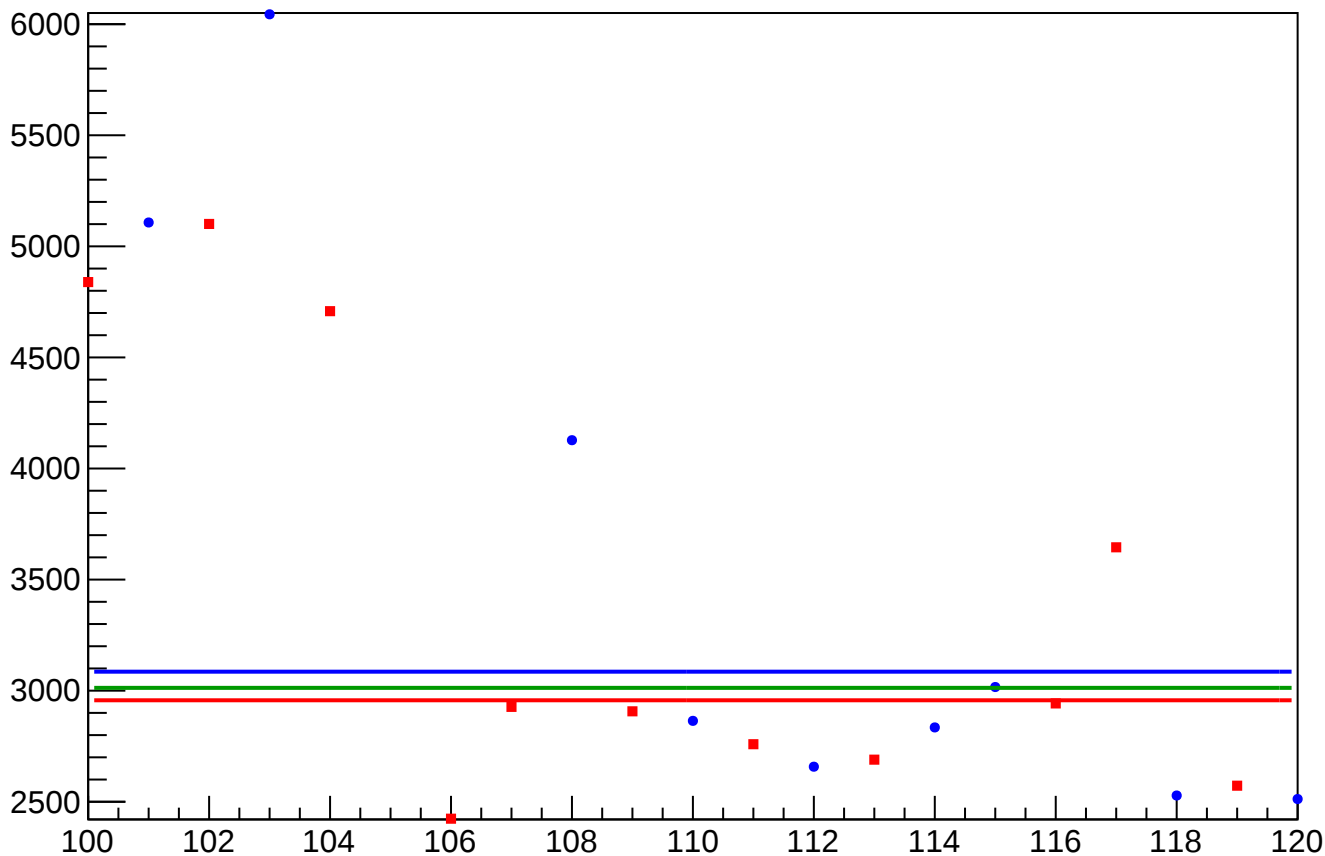
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-511.206+/-1769.196 χ^2/NDF : 5.2/8

-1597.083+/-1180.349 χ^2/NDF : 14.3/19

-2468.134+/-1584.555 χ^2/NDF : 8.4/10

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3085.516+/-1.251 χ^2/NDF : 598044.6/8

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

Right Out: 2956.741+/-1.096 χ^2/NDF : 389275.6/10

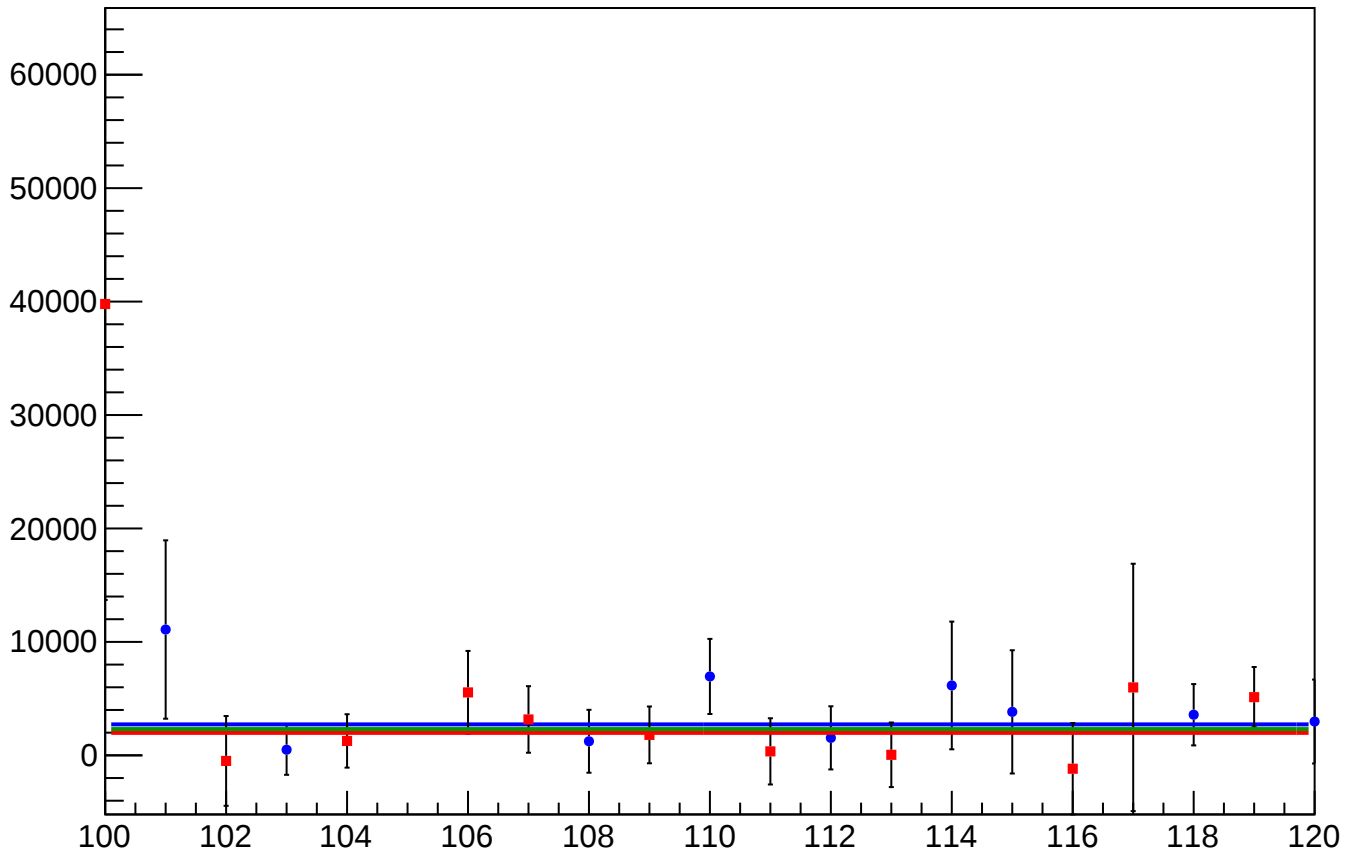
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3085.516+/-1.251 χ^2/NDF : 598044.6/8

3012.667+/-0.824 χ^2/NDF : 993314.5/19

2956.741+/-1.096 χ^2/NDF : 389275.6/10

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2727.658+/-1087.204 χ^2/NDF : 4.8/8

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

Right Out: 1981.446+/-976.506 χ^2/NDF : 6.6/10

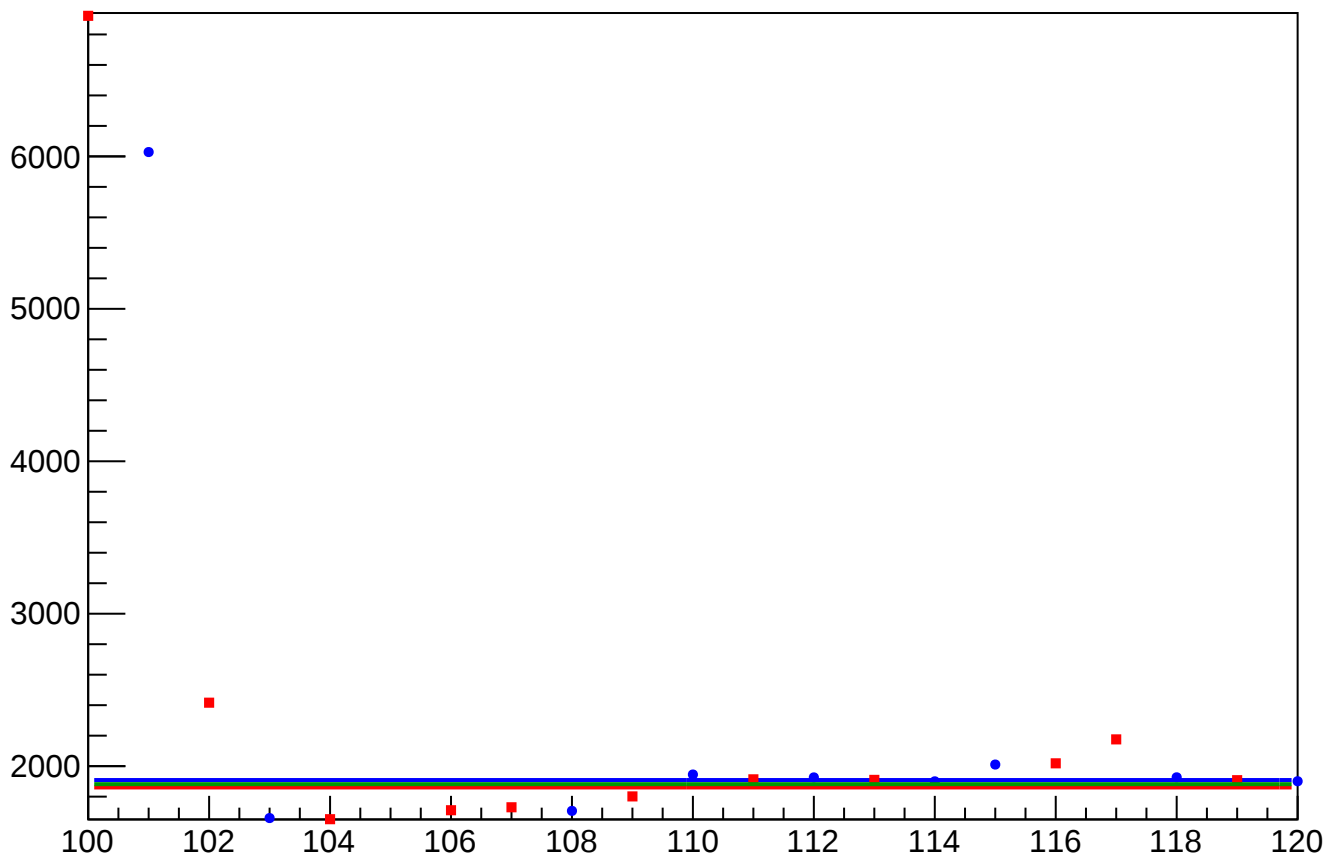
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2727.658+/-1087.204 χ^2/NDF : 4.8/8

2314.640+/-726.488 χ^2/NDF : 11.7/19

1981.446+/-976.506 χ^2/NDF : 6.6/10

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1908.899+/-0.769 χ^2/NDF : 586130.5/8

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

Right Out: 1860.244+/-0.688 χ^2/NDF : 145862.8/10

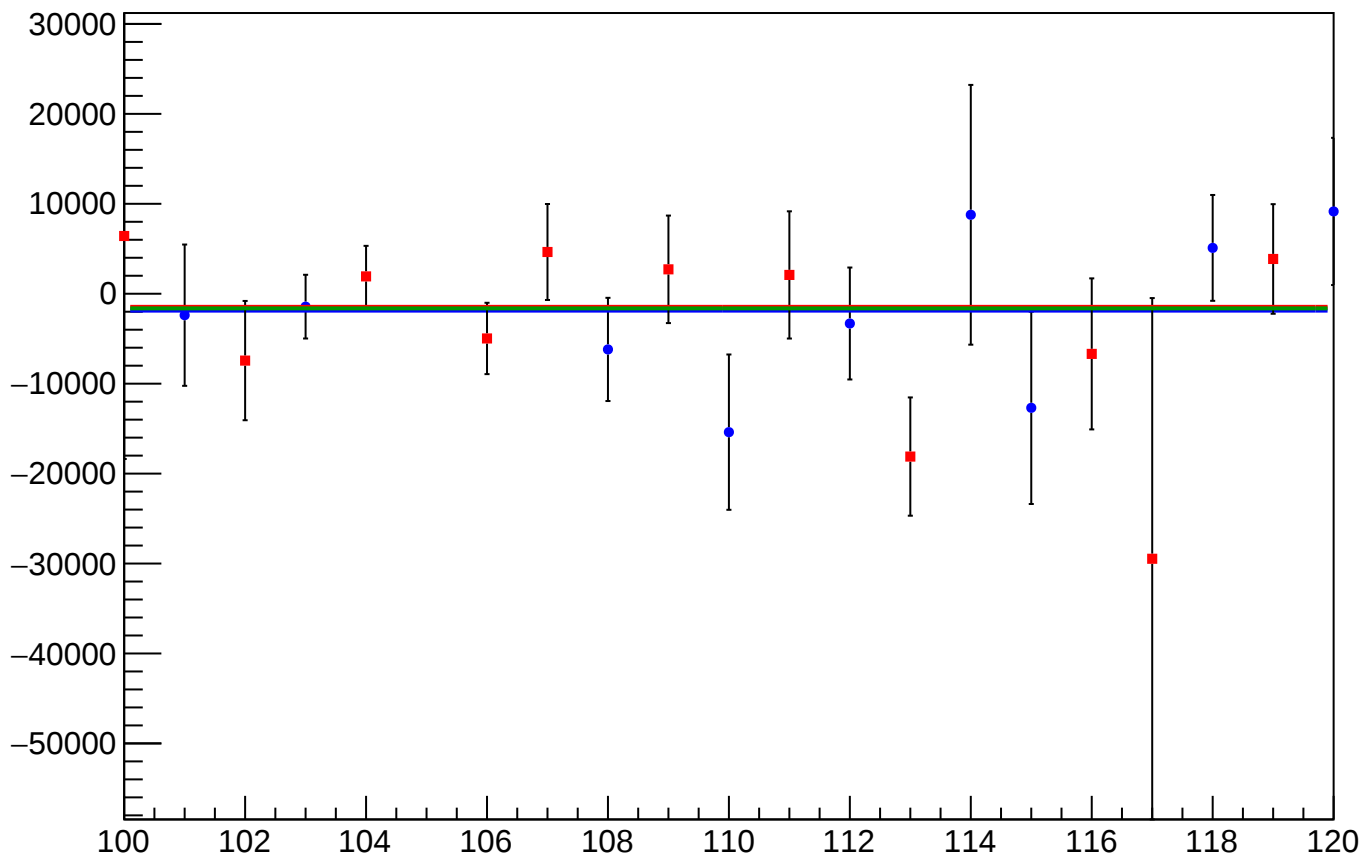
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1908.899+/-0.769 χ^2/NDF : 586130.5/8

1881.872+/-0.513 χ^2/NDF : 734218.3/19

1860.244+/-0.688 χ^2/NDF : 145862.8/10

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1875.411+/-2118.369 χ^2 /NDF: 7.9/8

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

Right Out: -1458.173+/-1759.091 χ^2 /NDF: 13.2/10

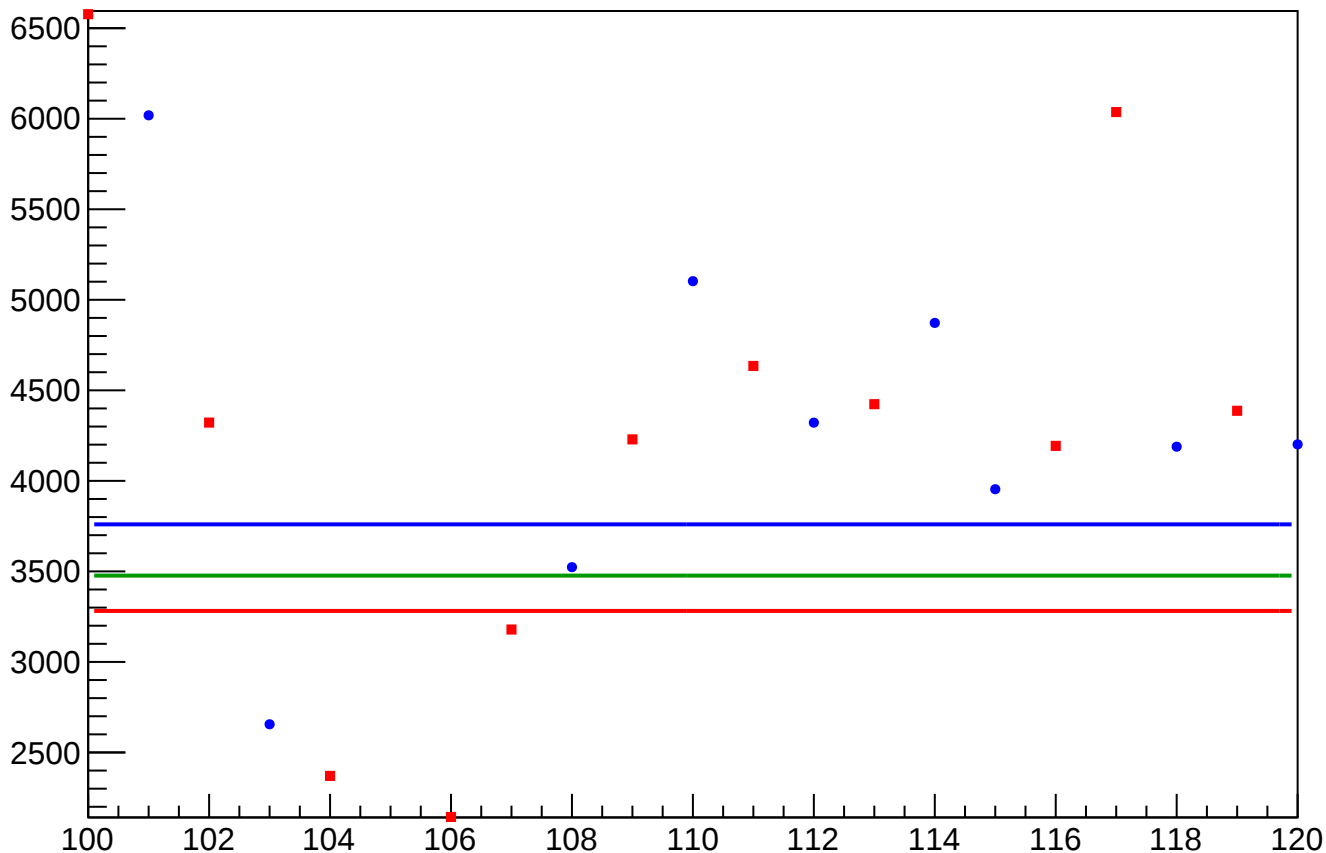
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1875.411+/-2118.369 χ^2 /NDF: 7.9/8

-1628.461+/-1353.322 χ^2 /NDF: 21.1/19

-1458.173+/-1759.091 χ^2 /NDF: 13.2/10

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3759.746+/-1.498 χ^2/NDF : 456721.4/8

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

Right Out: 3281.695+/-1.244 χ^2/NDF : 685054.6/10

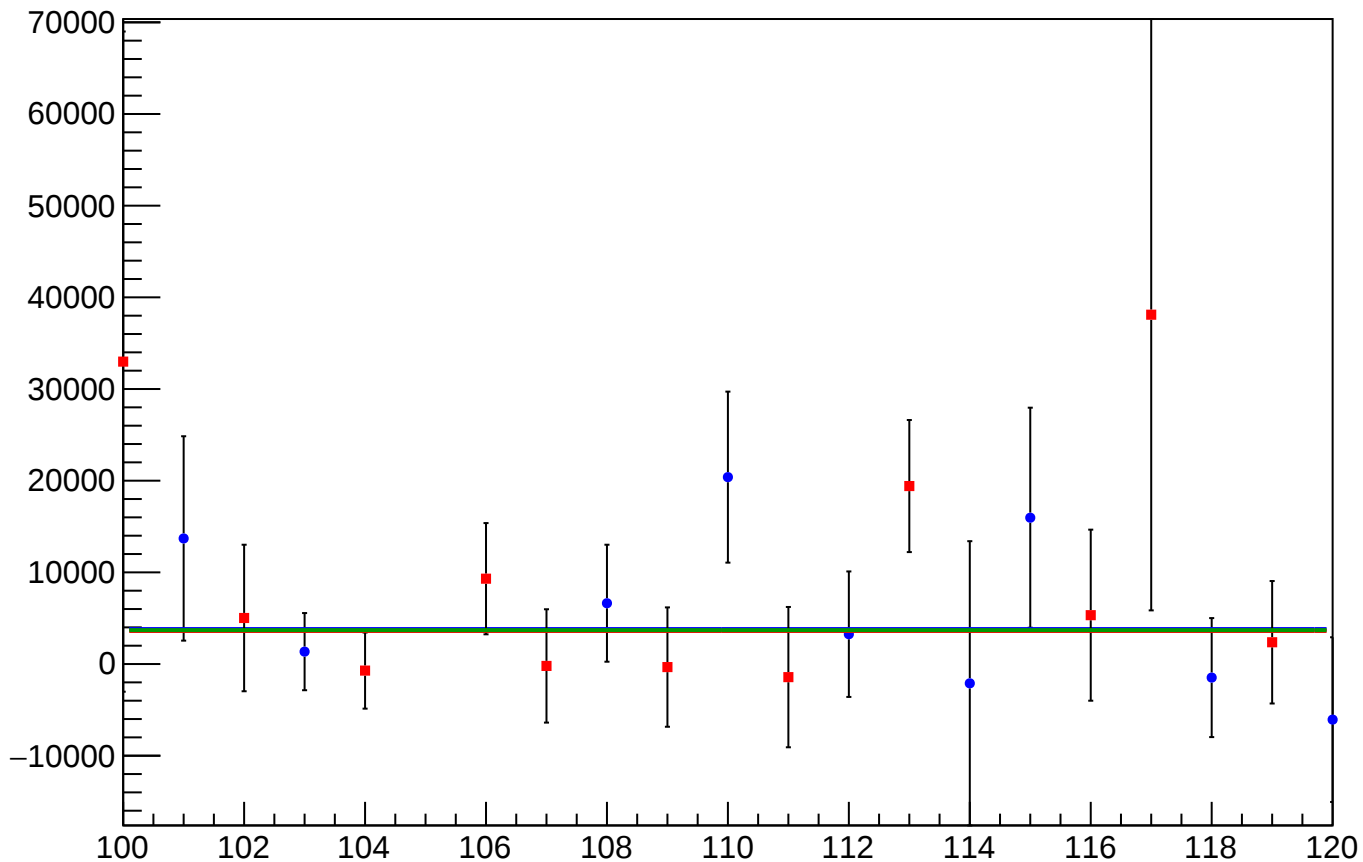
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3759.746+/-1.498 χ^2/NDF : 456721.4/8

3476.802+/-0.957 χ^2/NDF : 1202060.1/19

3281.695+/-1.244 χ^2/NDF : 685054.6/10

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3814.504+/-2431.576 χ^2/NDF : 7.5/8

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

Right Out: 3607.963+/-2119.659 χ^2/NDF : 9.9/10

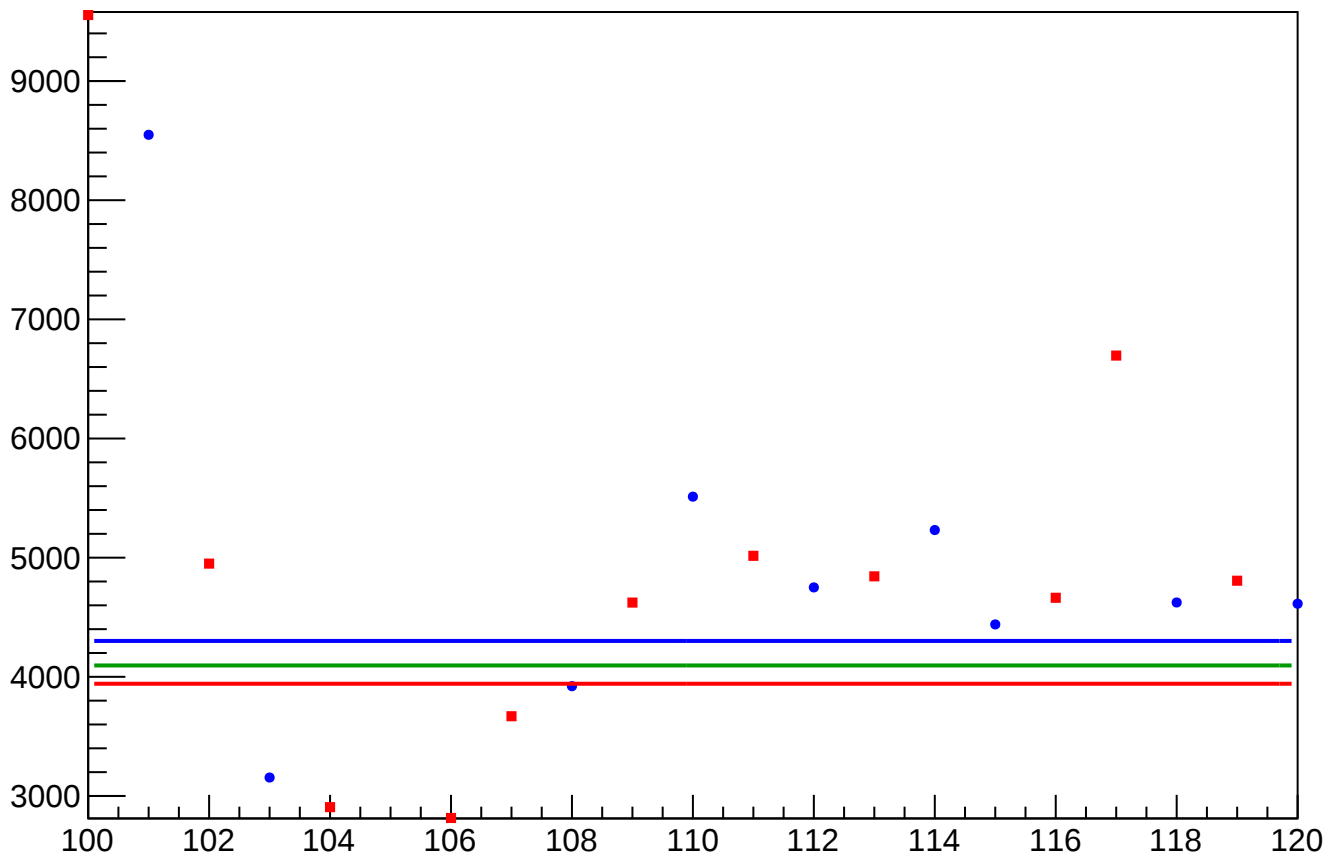
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3814.504+/-2431.576 χ^2/NDF : 7.5/8

3697.145+/-1597.799 χ^2/NDF : 17.4/19

3607.963+/-2119.659 χ^2/NDF : 9.9/10

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4301.209+/-1.719 χ^2/NDF : 503029.0/8

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

Right Out: 3941.827+/-1.486 χ^2/NDF : 440297.5/10

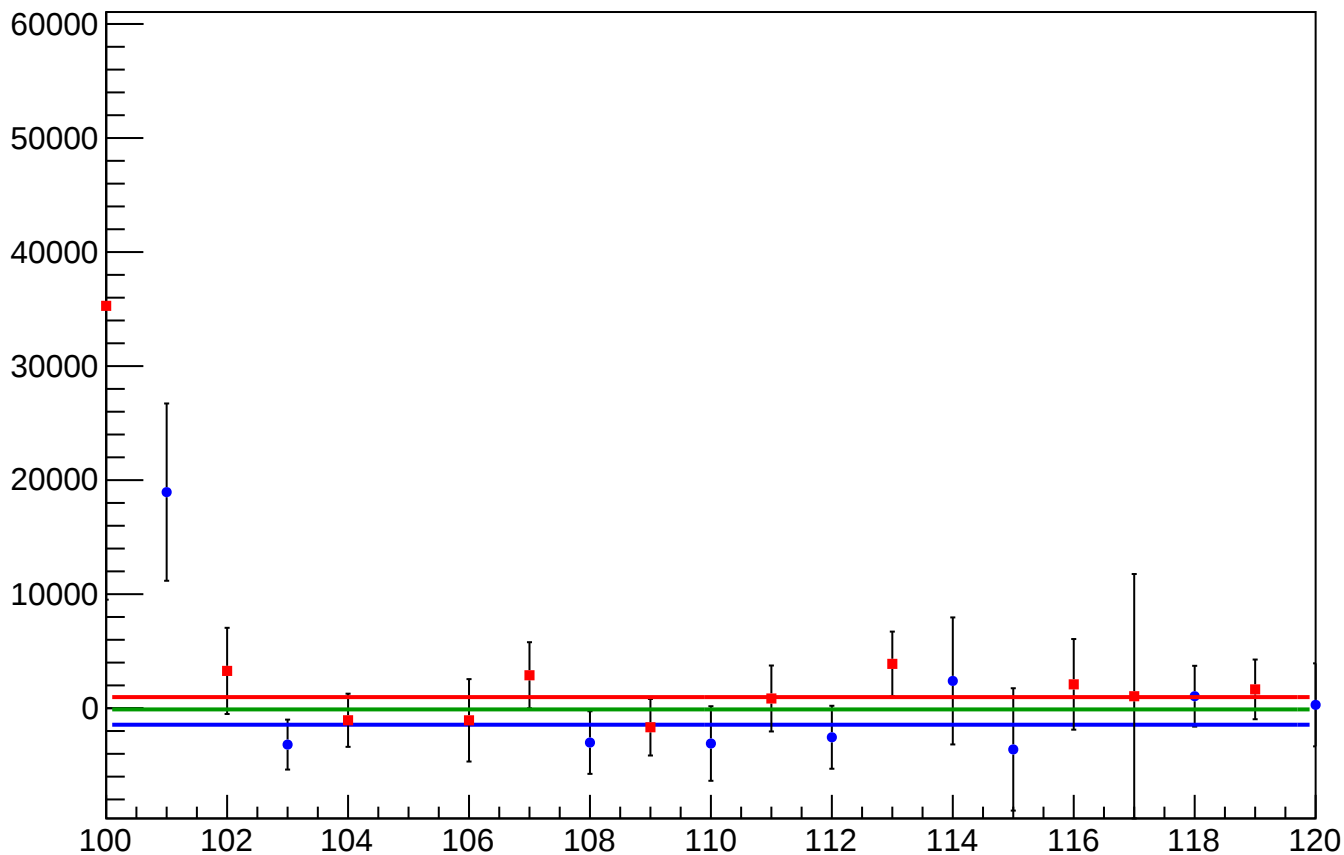
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4301.209+/-1.719 χ^2/NDF : 503029.0/8

4095.468+/-1.124 χ^2/NDF : 968337.4/19

3941.827+/-1.486 χ^2/NDF : 440297.5/10

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1448.167+/-1074.702 χ^2/NDF : 10.0/8

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

Right Out: 974.255+/-963.816 χ^2/NDF : 6.0/10

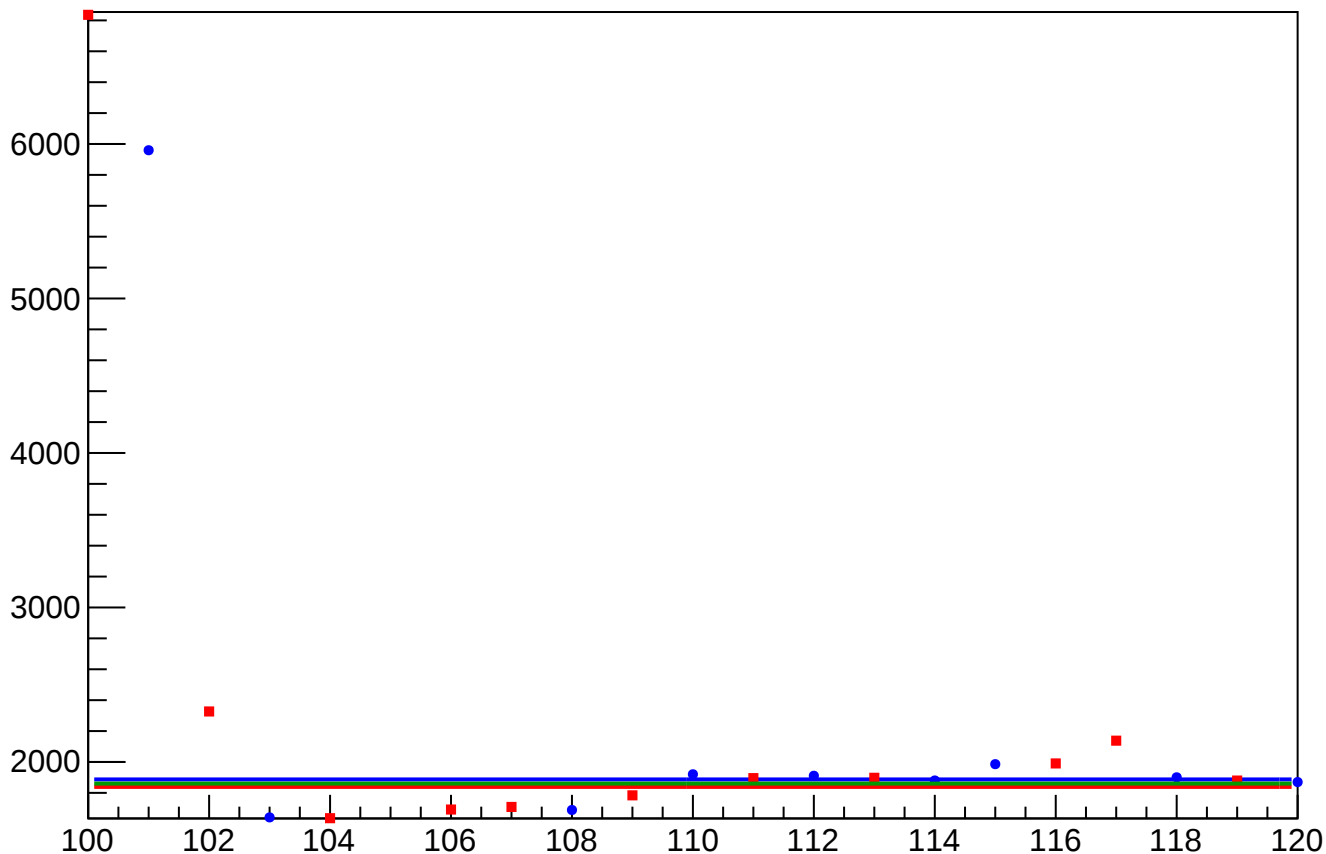
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1448.167+/-1074.702 χ^2/NDF : 10.0/8

-105.575+/-717.532 χ^2/NDF : 18.8/19

974.255+/-963.816 χ^2/NDF : 6.0/10

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1886.960+/-0.760 χ^2/NDF : 585711.7/8

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

Right Out: 1838.649+/-0.679 χ^2/NDF : 138981.4/10

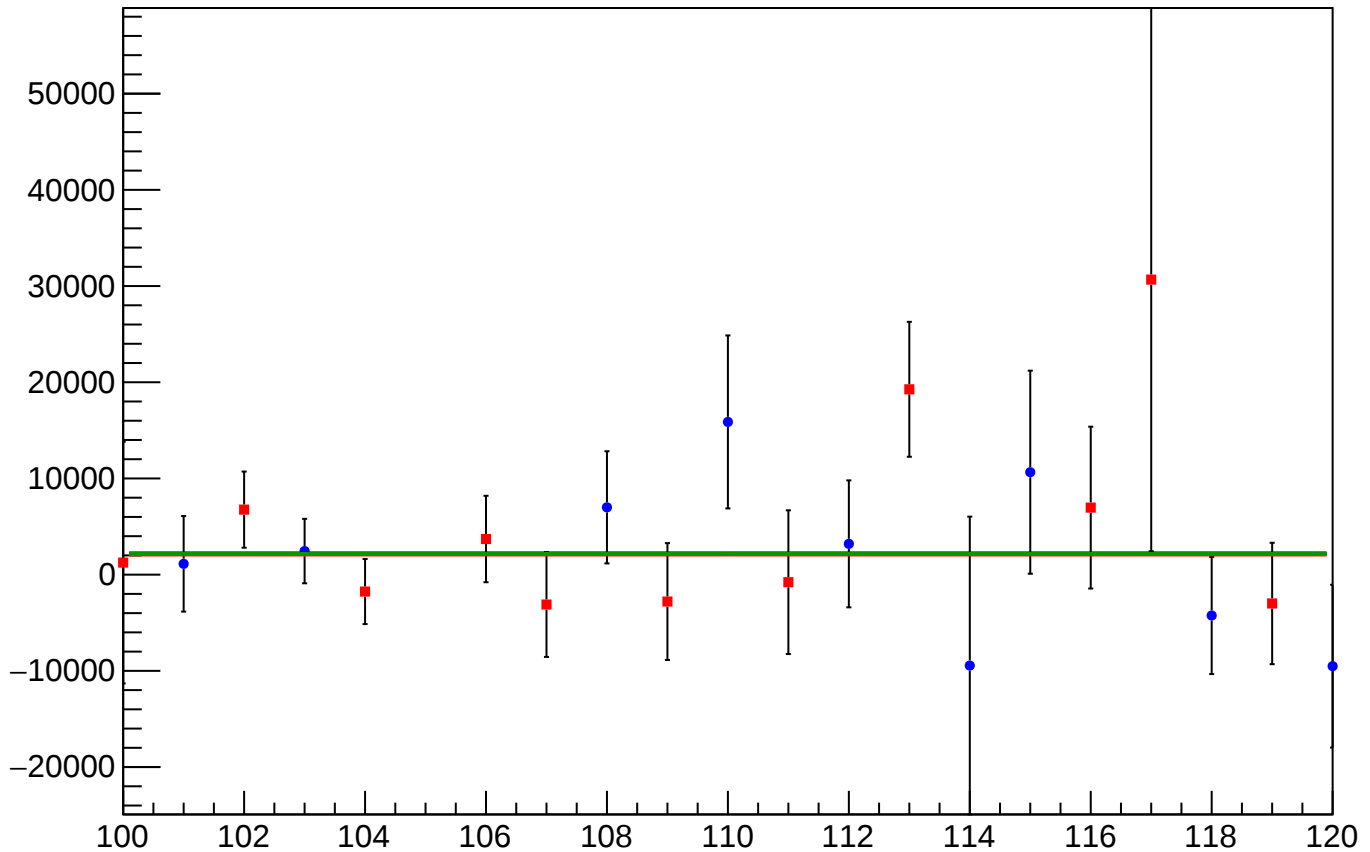
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1886.960+/-0.760 χ^2/NDF : 585711.7/8

1860.090+/-0.506 χ^2/NDF : 726940.8/19

1838.649+/-0.679 χ^2/NDF : 138981.4/10

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 2208.848 $\pm$ 2006.263 χ^2 /NDF: 7.3/8

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

Right Out: 2100.536 $\pm$ 1698.097 χ^2 /NDF: 12.5/10

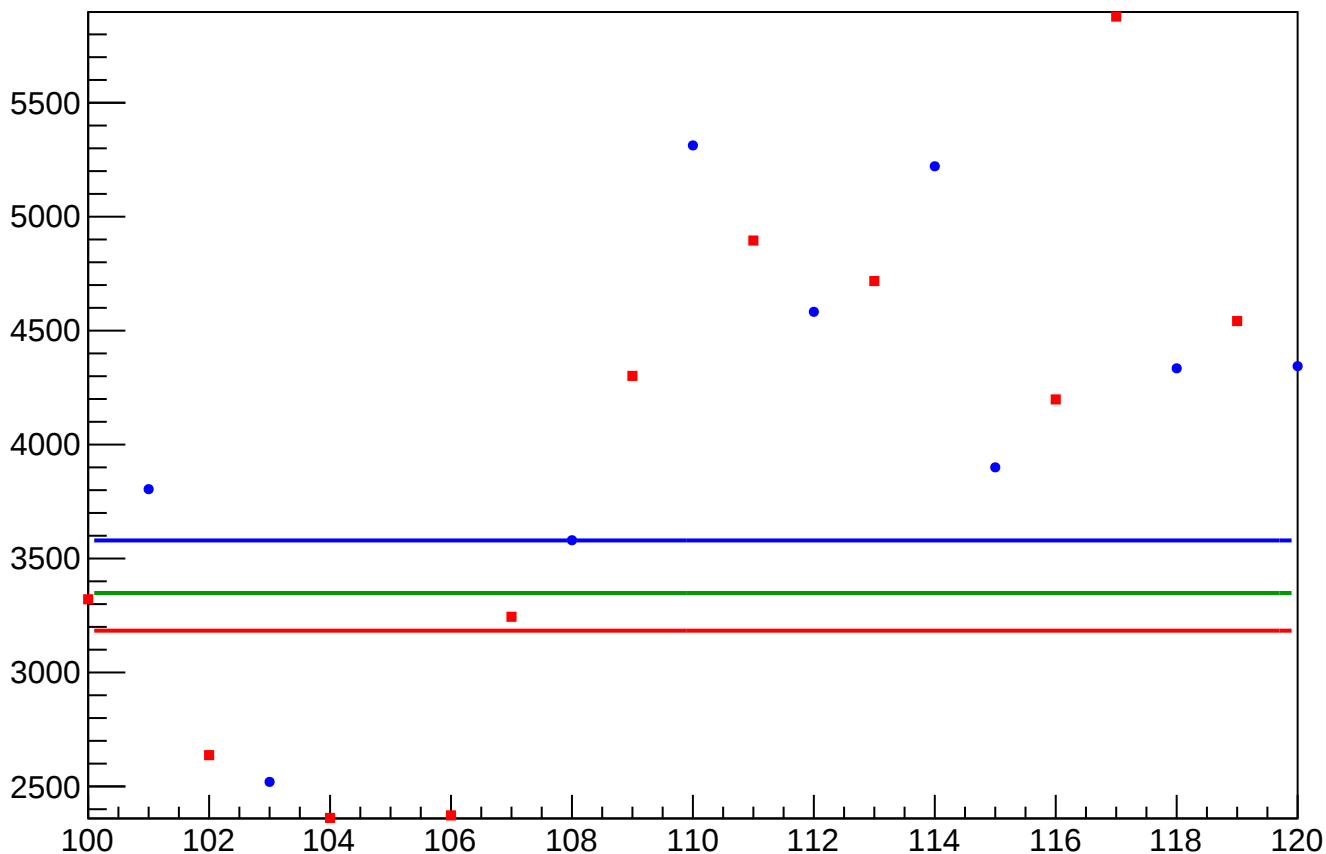
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2208.848 $\pm$ 2006.263 χ^2 /NDF: 7.3/8

2145.743 $\pm$ 1296.148 χ^2 /NDF: 19.8/19

2100.536 $\pm$ 1698.097 χ^2 /NDF: 12.5/10

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3579.372+/-1.419 χ^2/NDF : 396133.1/8

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

Right Out: 3183.498+/-1.201 χ^2/NDF : 630359.4/10

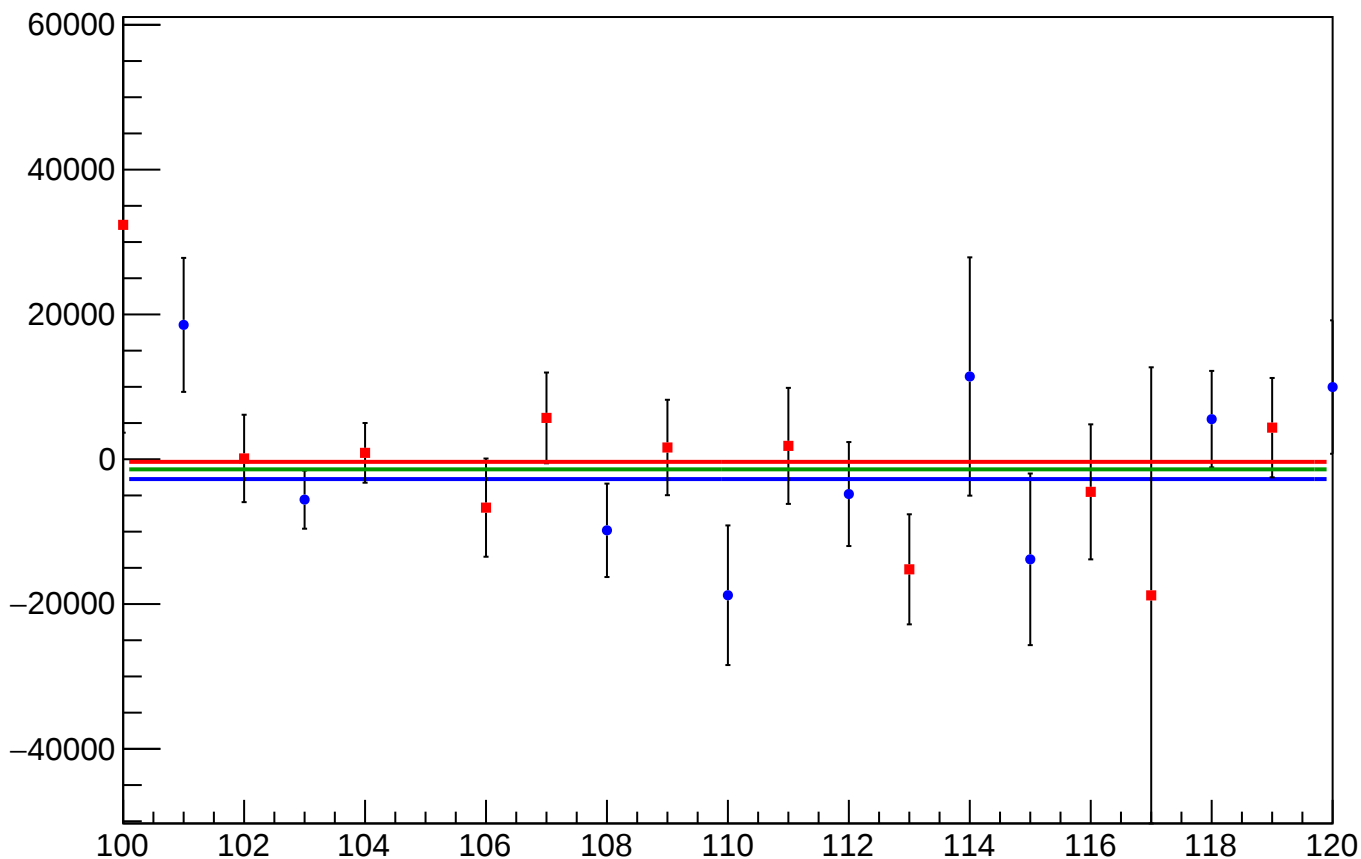
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3579.372+/-1.419 χ^2/NDF : 396133.1/8

3348.729+/-0.917 χ^2/NDF : 1071860.7/19

3183.498+/-1.201 χ^2/NDF : 630359.4/10

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2739.001+/-2405.358 χ^2 /NDF: 14.9/8

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

Right Out: -359.473+/-2111.211 χ^2 /NDF: 8.2/10

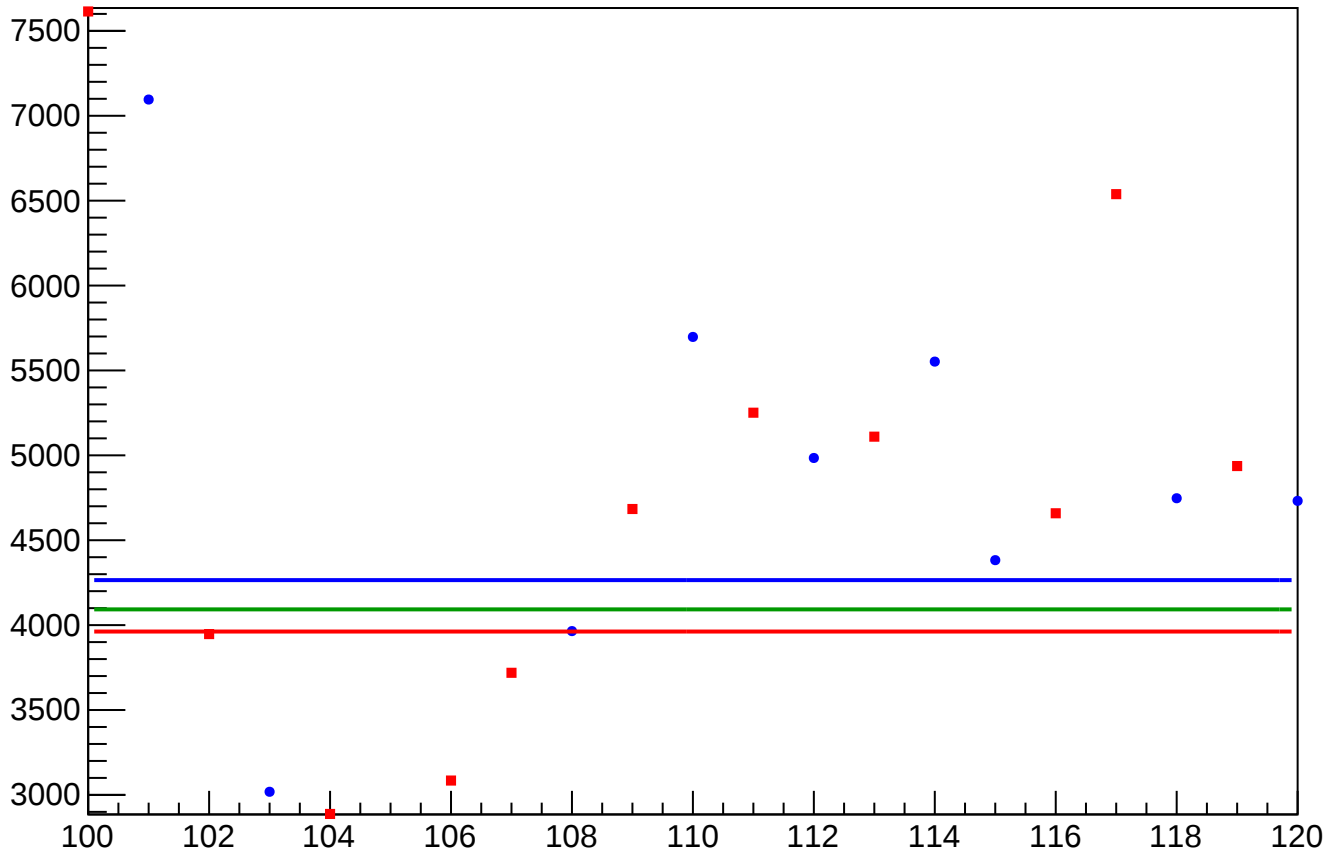
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-2739.001+/-2405.358 χ^2 /NDF: 14.9/8

-1394.922+/-1586.714 χ^2 /NDF: 23.7/19

-359.473+/-2111.211 χ^2 /NDF: 8.2/10

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4265.058+/-1.701 χ^2/NDF : 476061.5/8

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

Right Out: 3962.197+/-1.480 χ^2/NDF : 396958.1/10

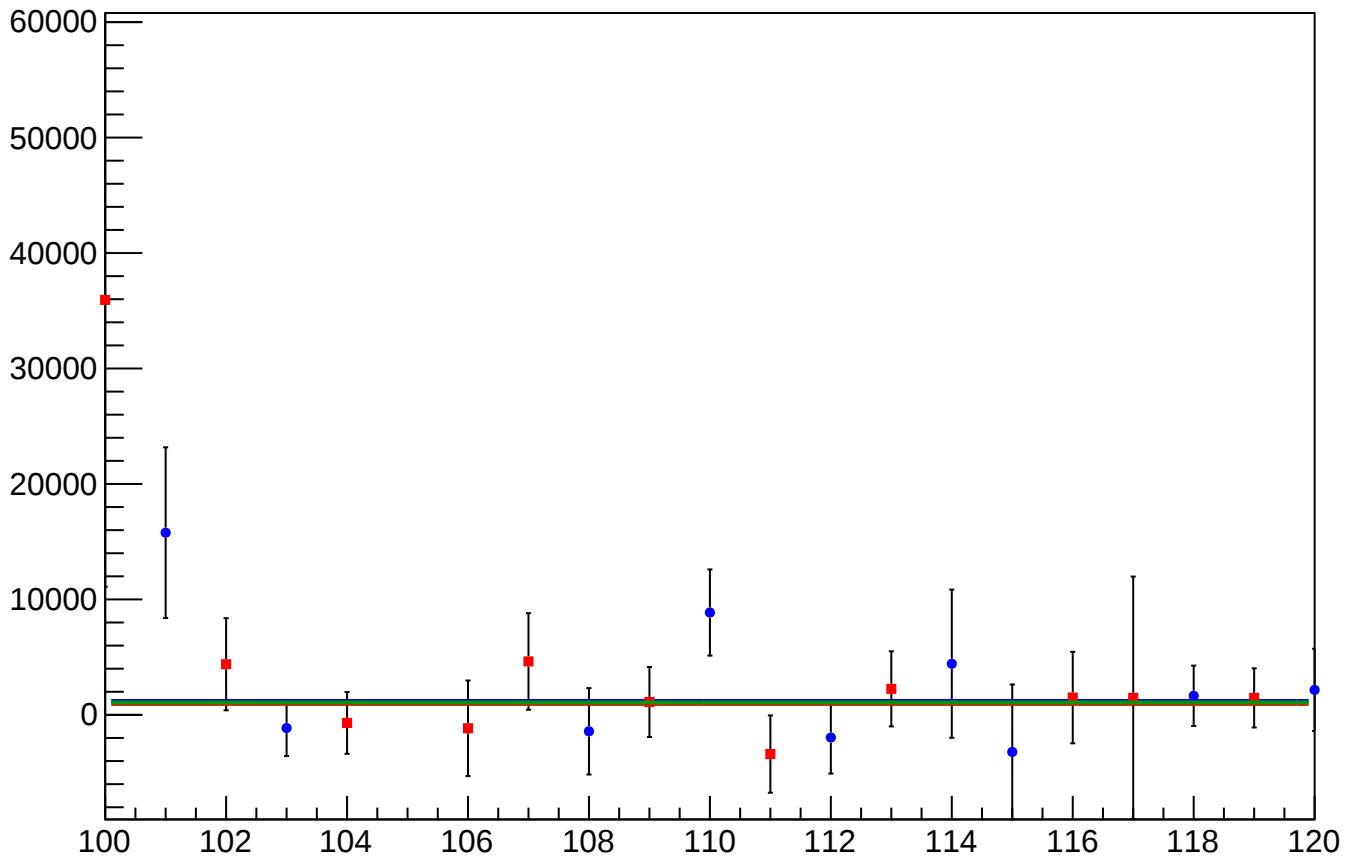
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4265.058+/-1.701 χ^2/NDF : 476061.5/8

4092.701+/-1.116 χ^2/NDF : 891064.1/19

3962.197+/-1.480 χ^2/NDF : 396958.1/10

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1202.242+/-1185.063 χ^2/NDF : 11.5/8

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

Right Out: 953.008+/-1092.758 χ^2/NDF : 6.1/10

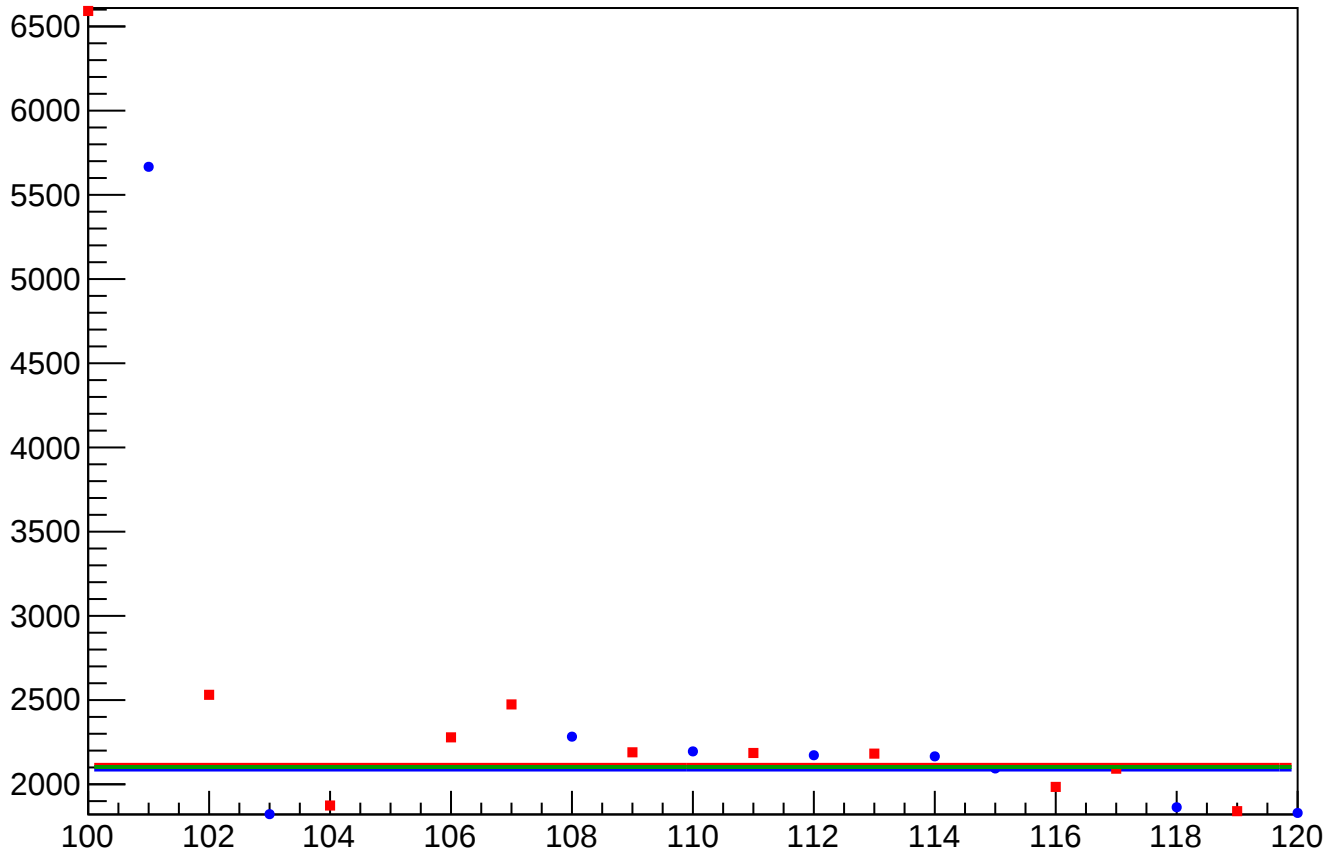
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1202.242+/-1185.063 χ^2/NDF : 11.5/8

1067.542+/-803.350 χ^2/NDF : 17.6/19

953.008+/-1092.758 χ^2/NDF : 6.1/10

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2087.591+/-0.838 χ^2/NDF : 526643.6/8

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

Right Out: 2115.346+/-0.773 χ^2/NDF : 148960.3/10

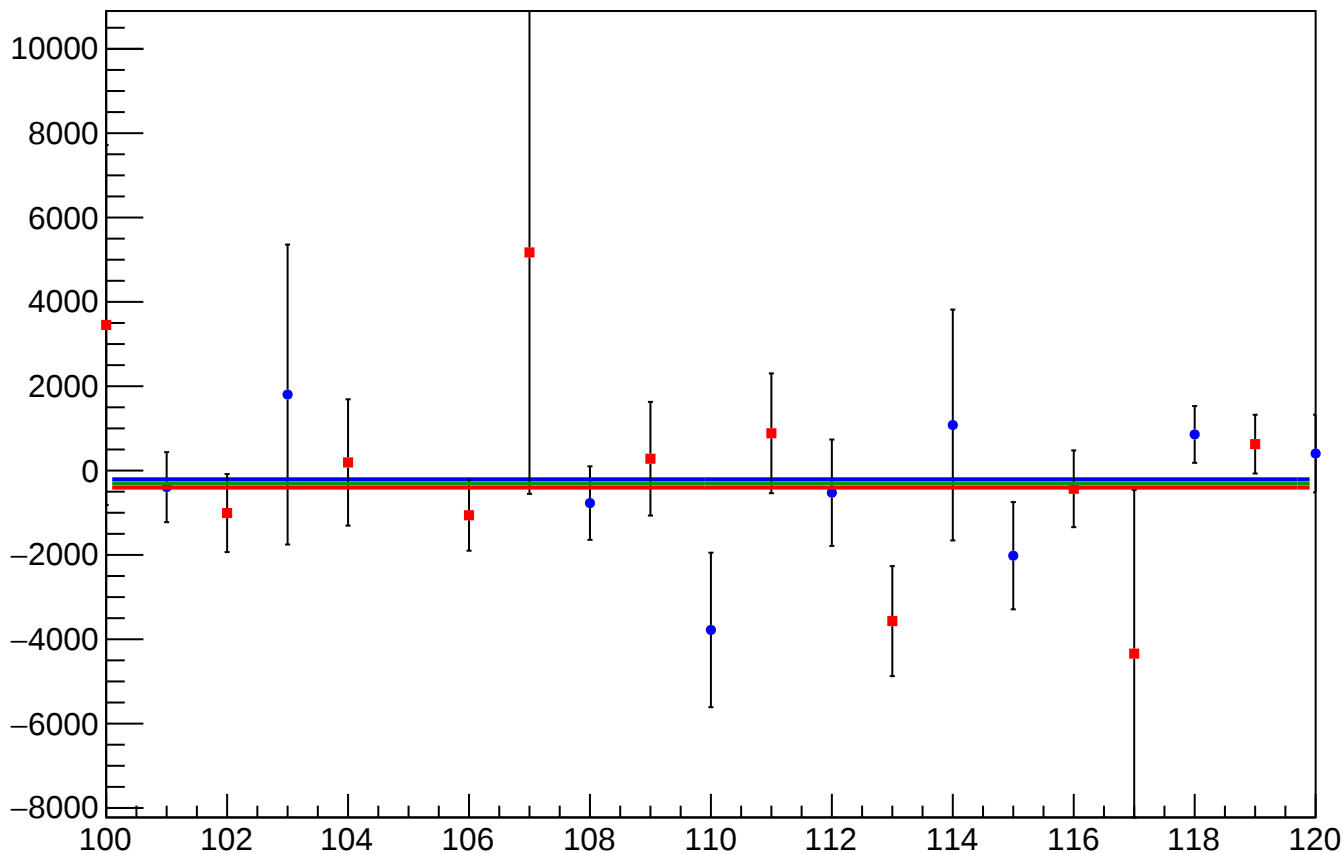
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2087.591+/-0.838 χ^2/NDF : 526643.6/8

2102.592+/-0.568 χ^2/NDF : 676196.8/19

2115.346+/-0.773 χ^2/NDF : 148960.3/10

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -206.854+/-355.631 χ^2 /NDF: 9.8/8

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

Right Out: -403.845+/-351.803 χ^2 /NDF: 13.1/10

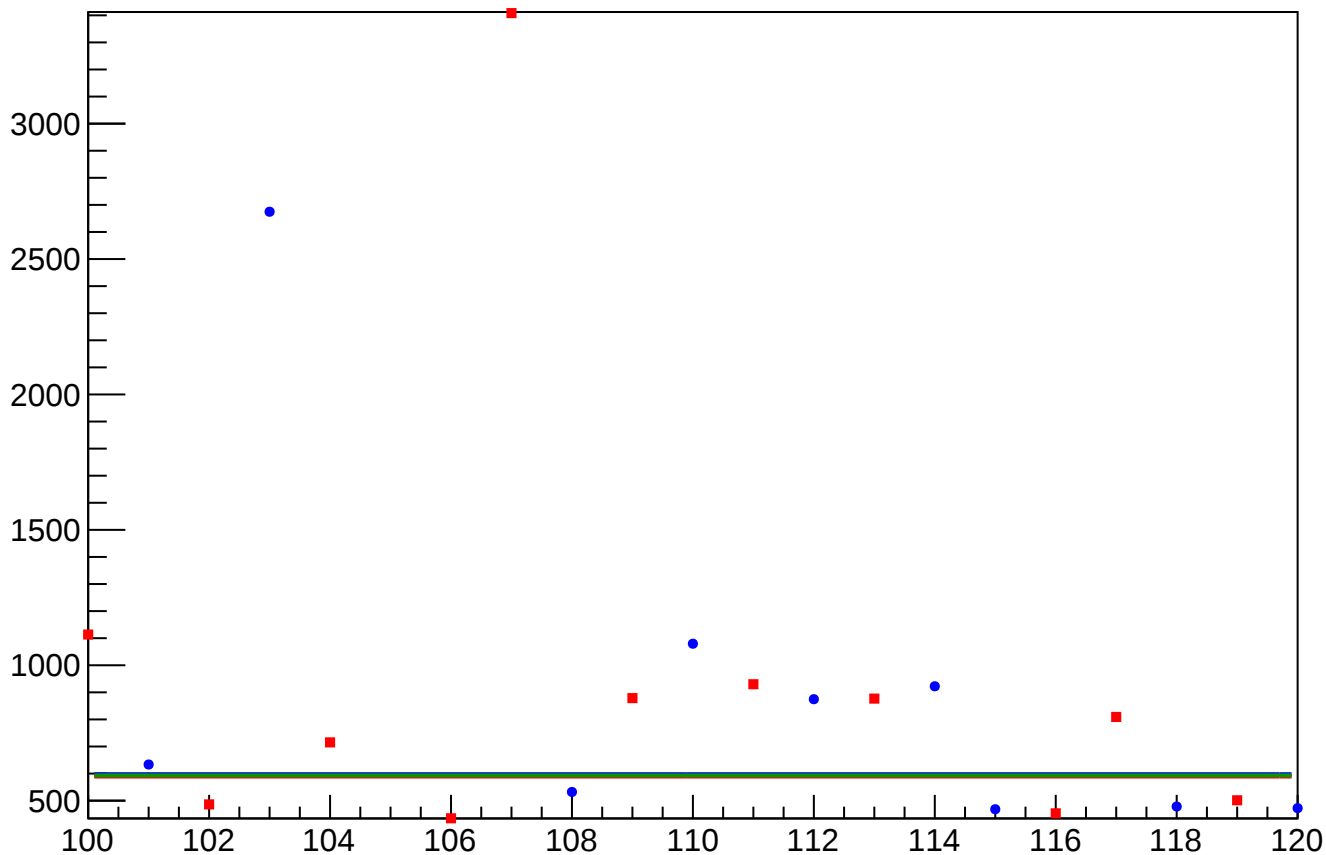
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-206.854+/-355.631 χ^2 /NDF: 9.8/8

-306.415+/-250.105 χ^2 /NDF: 23.1/19

-403.845+/-351.803 χ^2 /NDF: 13.1/10

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 597.760 $\pm$ 0.251 χ^2 /NDF: 1080448.9/8

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

Right Out: 589.173 $\pm$ 0.249 χ^2 /NDF: 1008902.4/10

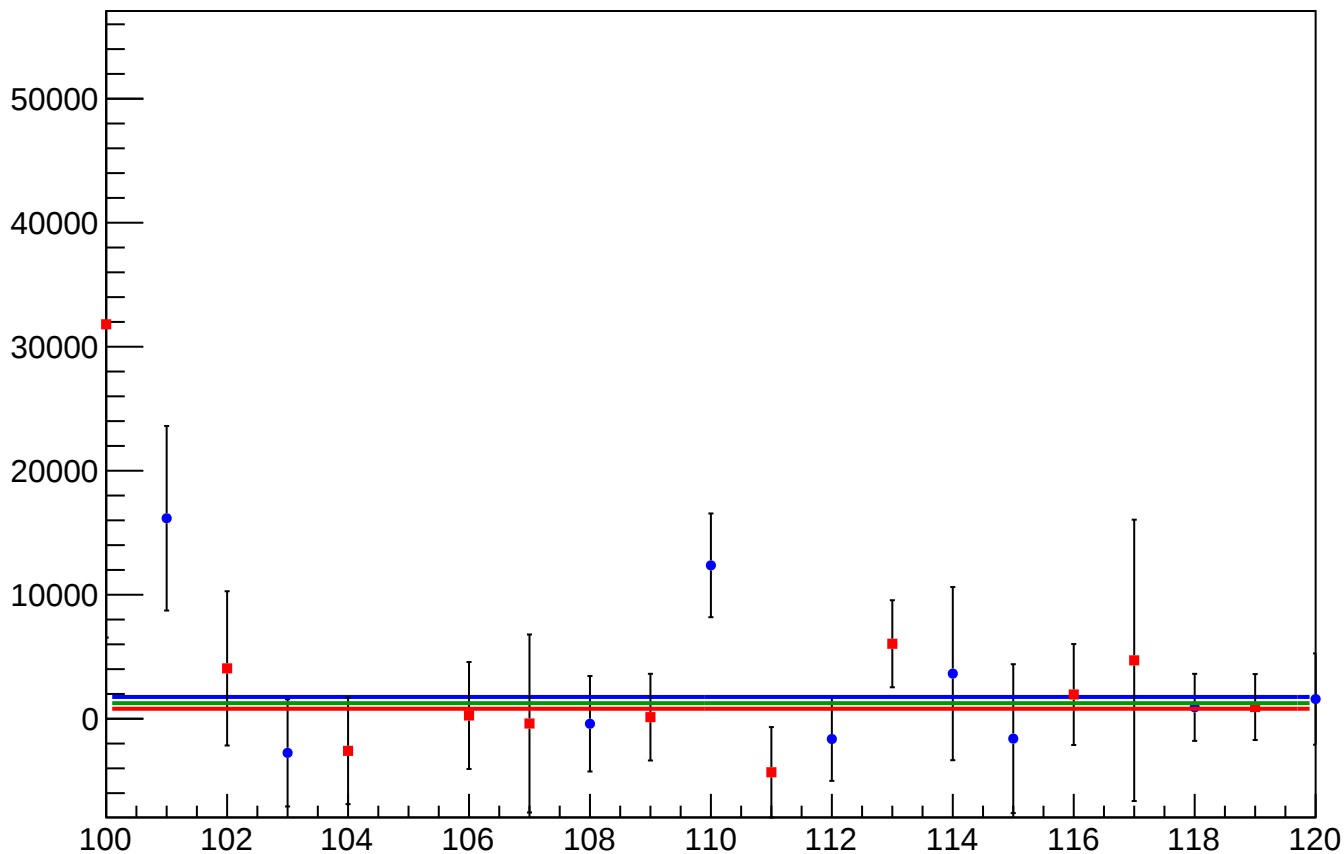
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

597.760 $\pm$ 0.251 χ^2 /NDF: 1080448.9/8

593.420 $\pm$ 0.177 χ^2 /NDF: 2089940.7/19

589.173 $\pm$ 0.249 χ^2 /NDF: 1008902.4/10

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1757.568+/-1357.210 χ^2/NDF : 13.1/8

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

Right Out: 805.429+/-1288.137 χ^2/NDF : 6.9/10

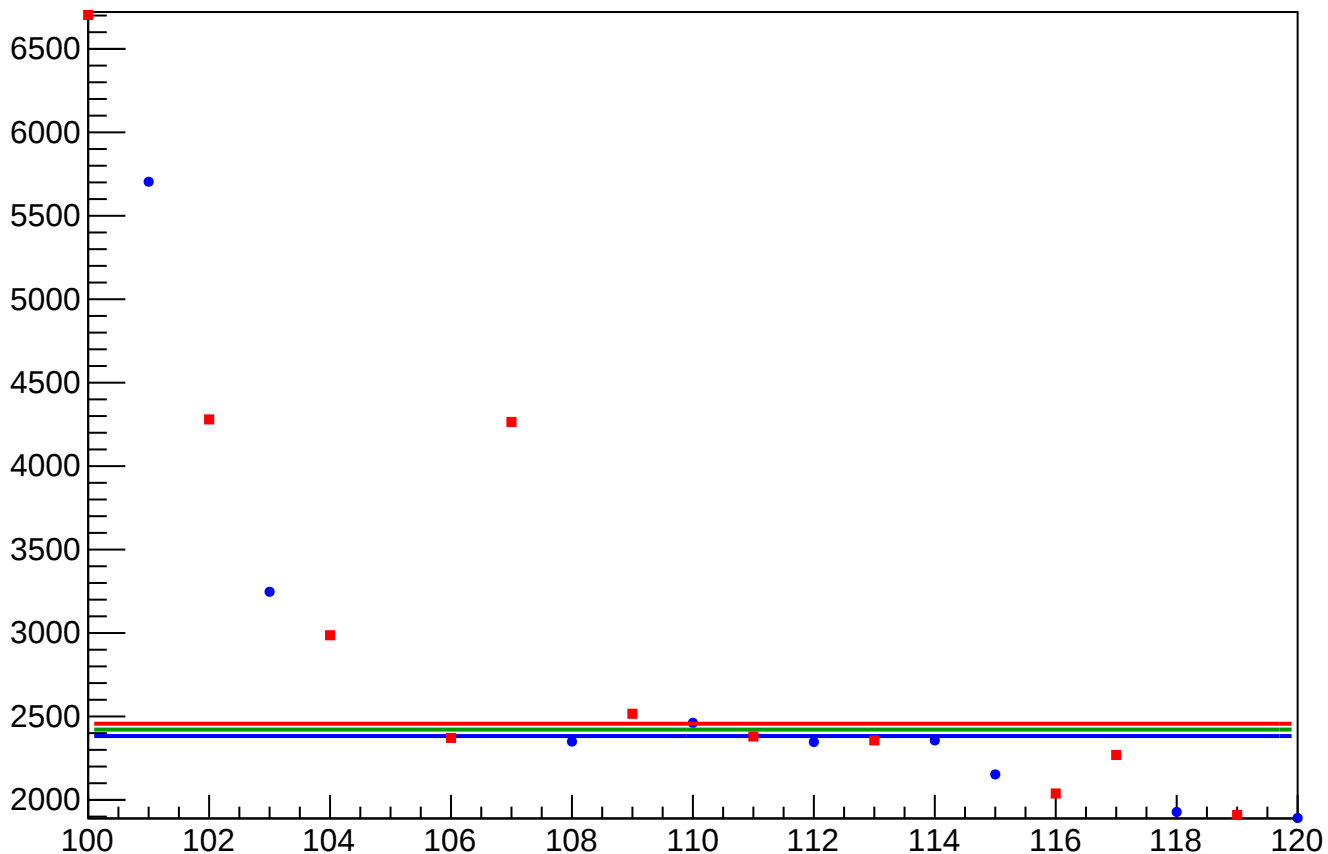
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1757.568+/-1357.210 χ^2/NDF : 13.1/8

1256.654+/-934.315 χ^2/NDF : 20.2/19

805.429+/-1288.137 χ^2/NDF : 6.9/10

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2382.645+/-0.960 χ^2/NDF : 574690.8/8

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

Right Out: 2456.551+/-0.911 χ^2/NDF : 495912.9/10

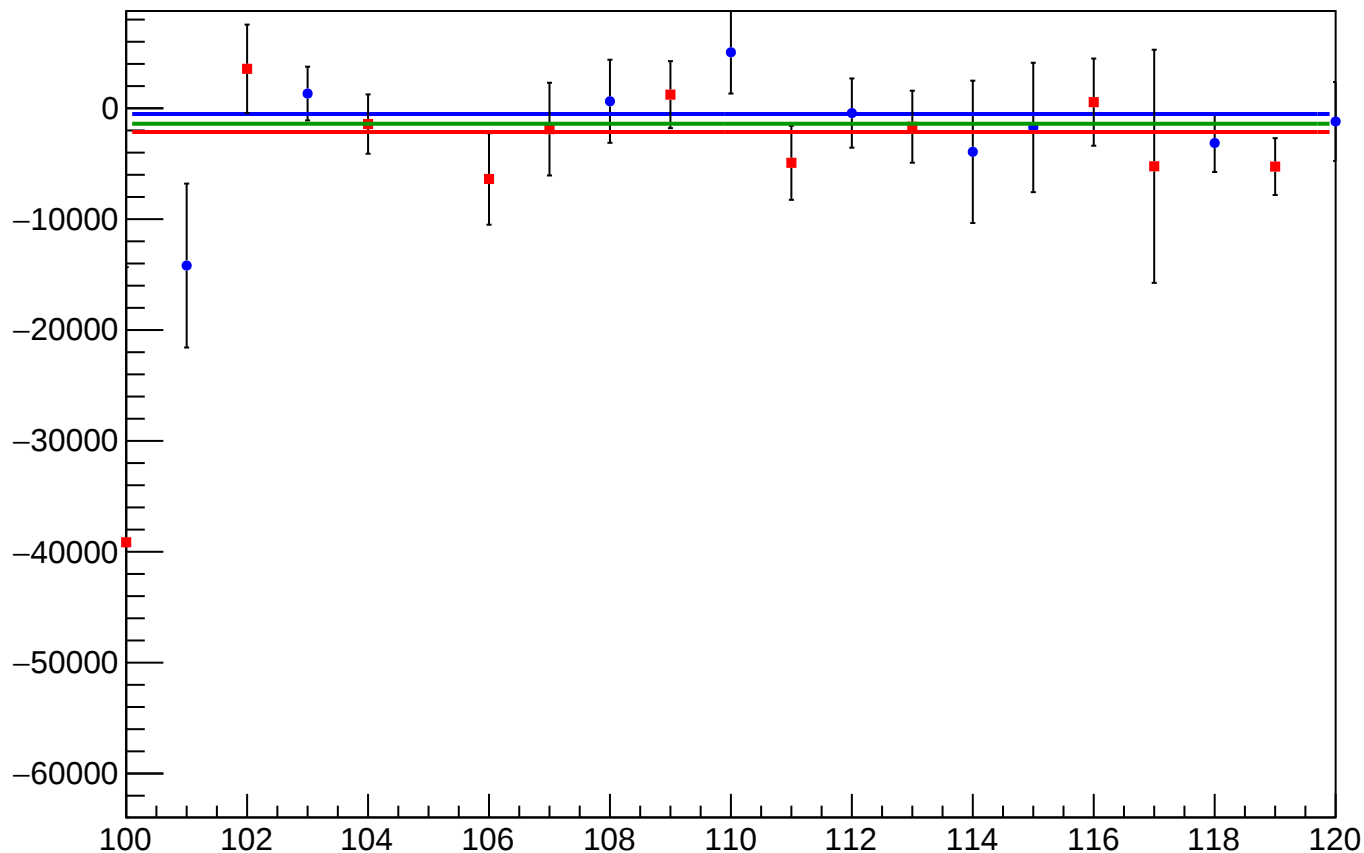
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2382.645+/-0.960 χ^2/NDF : 574690.8/8

2421.527+/-0.661 χ^2/NDF : 1073723.7/19

2456.551+/-0.911 χ^2/NDF : 495912.9/10

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -516.572+/-1183.744 χ^2/NDF : 7.7/8

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

Right Out: -2138.876+/-1091.117 χ^2/NDF : 9.4/10

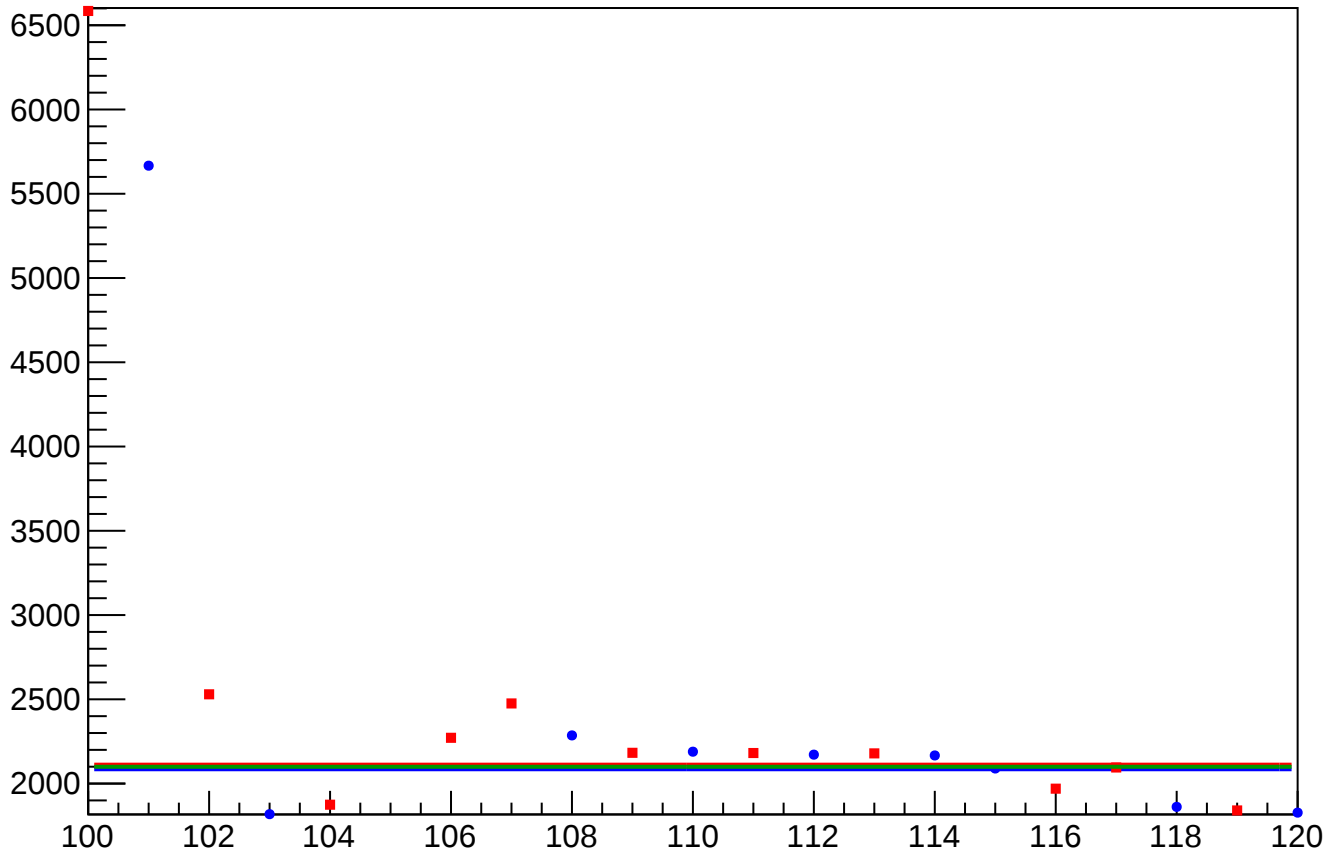
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-516.572+/-1183.744 χ^2/NDF : 7.7/8

-1393.671+/-802.287 χ^2/NDF : 18.1/19

-2138.876+/-1091.117 χ^2/NDF : 9.4/10

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2084.971+/-0.837 χ^2/NDF : 527972.5/8

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

Right Out: 2112.160+/-0.772 χ^2/NDF : 148599.1/10

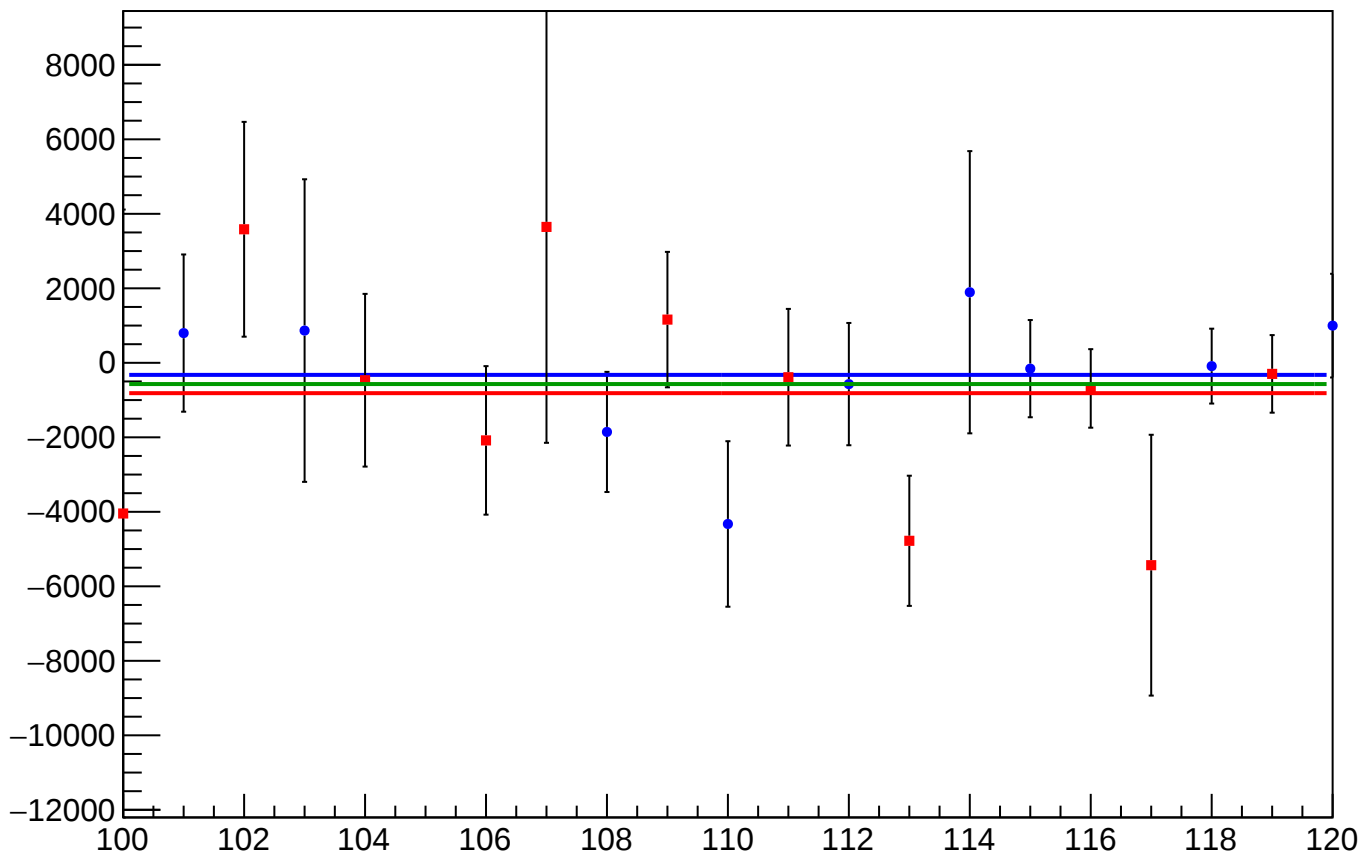
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2084.971+/-0.837 χ^2/NDF : 527972.5/8

2099.671+/-0.567 χ^2/NDF : 677142.1/19

2112.160+/-0.772 χ^2/NDF : 148599.1/10

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -323.632+/-541.838 χ^2/NDF : 5.9/8

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

Right Out: -814.529+/-539.704 χ^2/NDF : 11.9/10

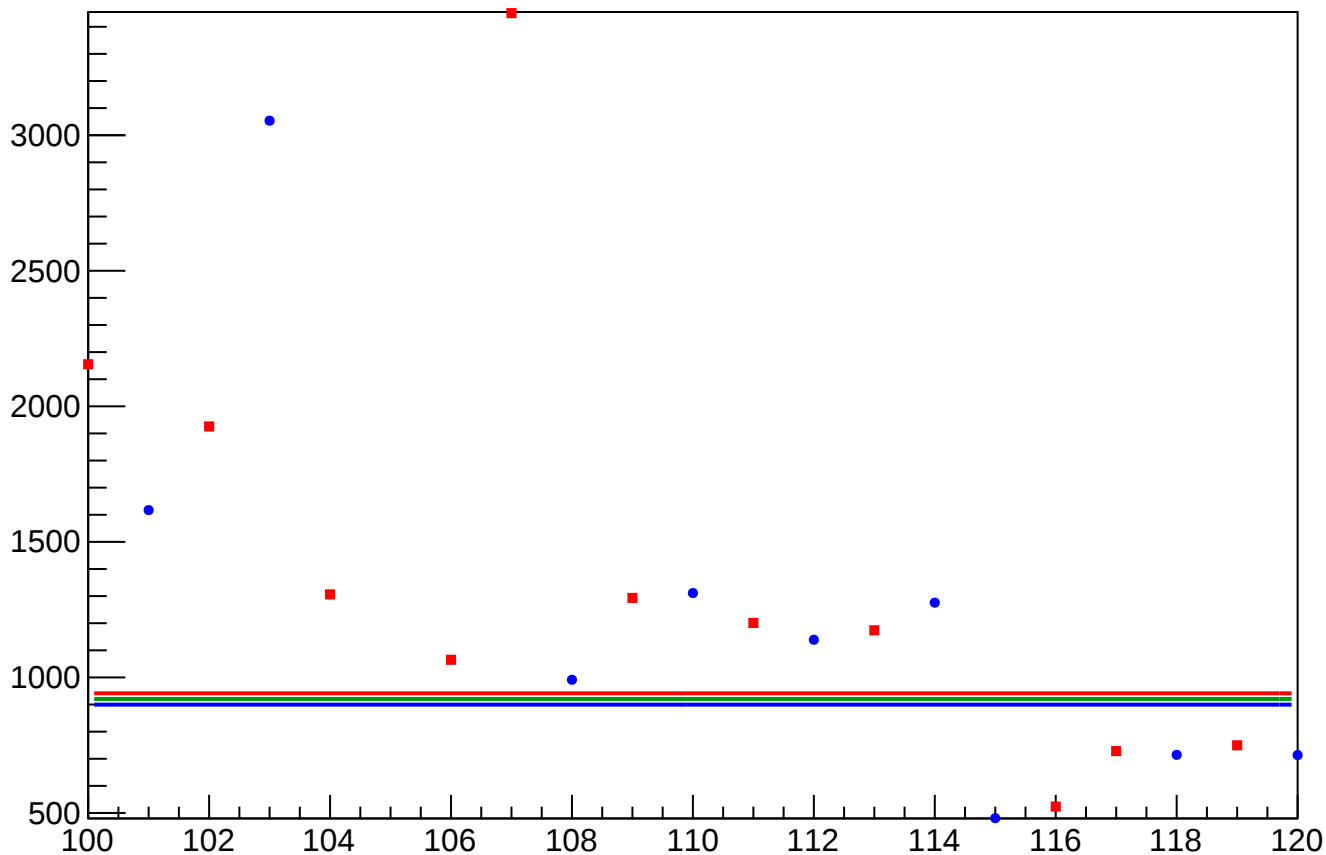
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-323.632+/-541.838 χ^2/NDF : 5.9/8

-570.049+/-382.381 χ^2/NDF : 18.2/19

-814.529+/-539.704 χ^2/NDF : 11.9/10

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 899.677+/-0.383 χ^2/NDF : 1240540.2/8

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

Right Out: 941.394+/-0.382 χ^2/NDF : 1249104.2/10

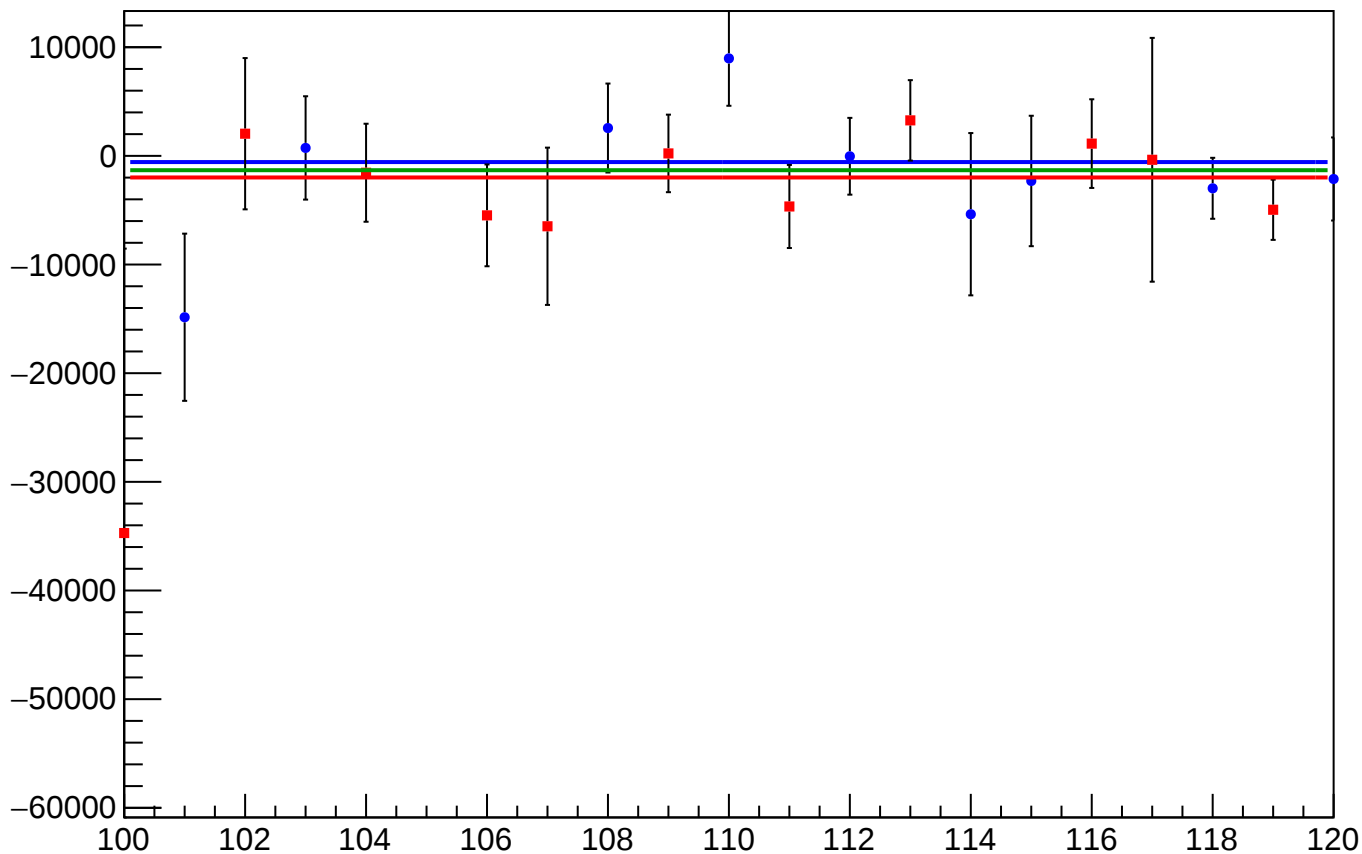
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

899.677+/-0.383 χ^2/NDF : 1240540.2/8

920.618+/-0.270 χ^2/NDF : 2495595.5/19

941.394+/-0.382 χ^2/NDF : 1249104.2/10

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -569.852+/-1421.840 χ^2/NDF : 10.3/8

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

Right Out: -1987.597+/-1343.394 χ^2/NDF : 7.5/10

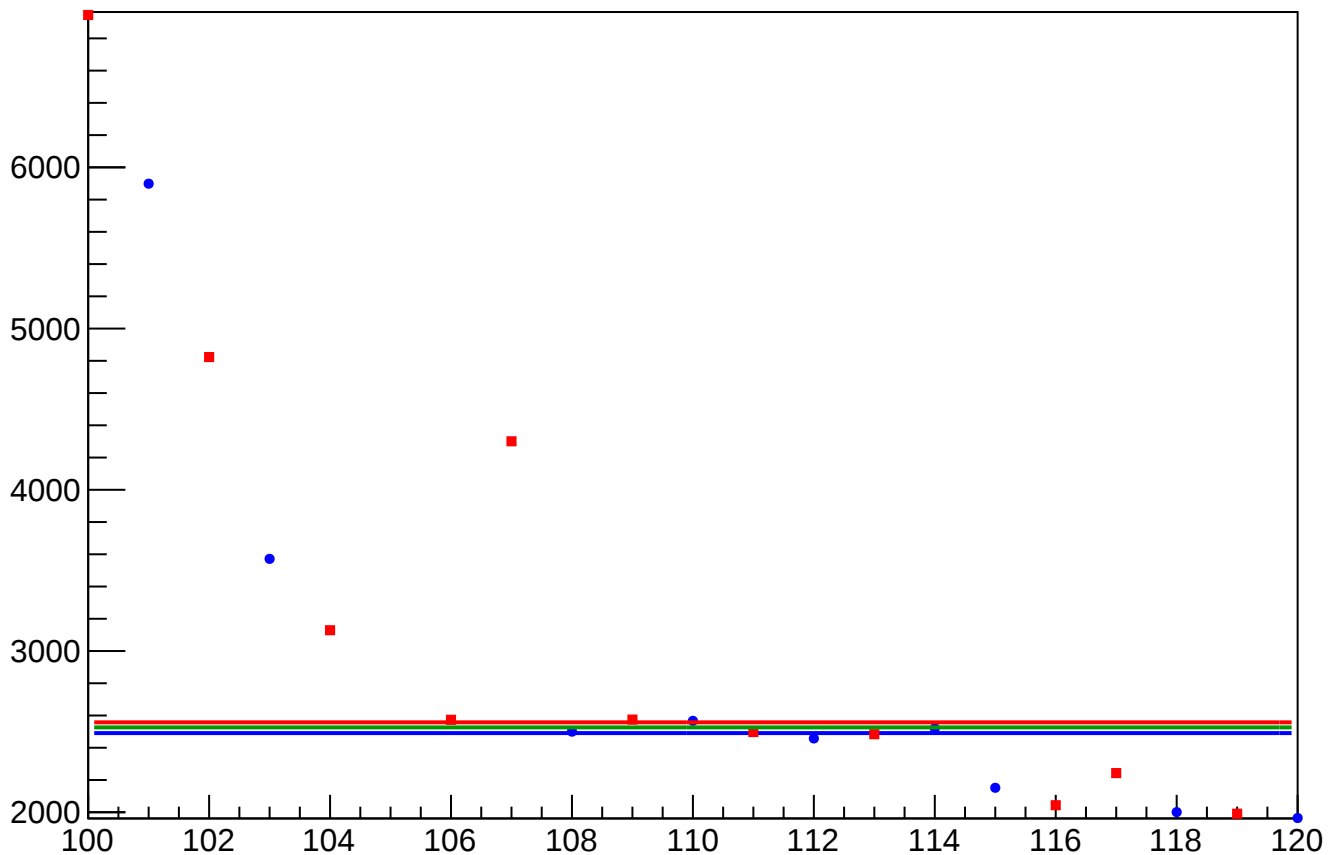
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-569.852+/-1421.840 χ^2/NDF : 10.3/8

-1318.911+/-976.478 χ^2/NDF : 18.3/19

-1987.597+/-1343.394 χ^2/NDF : 7.5/10

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2490.984 +/- 1.005 χ^2/NDF : 601921.5/8

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

Right Out: 2557.538 +/- 0.950 χ^2/NDF : 534534.3/10

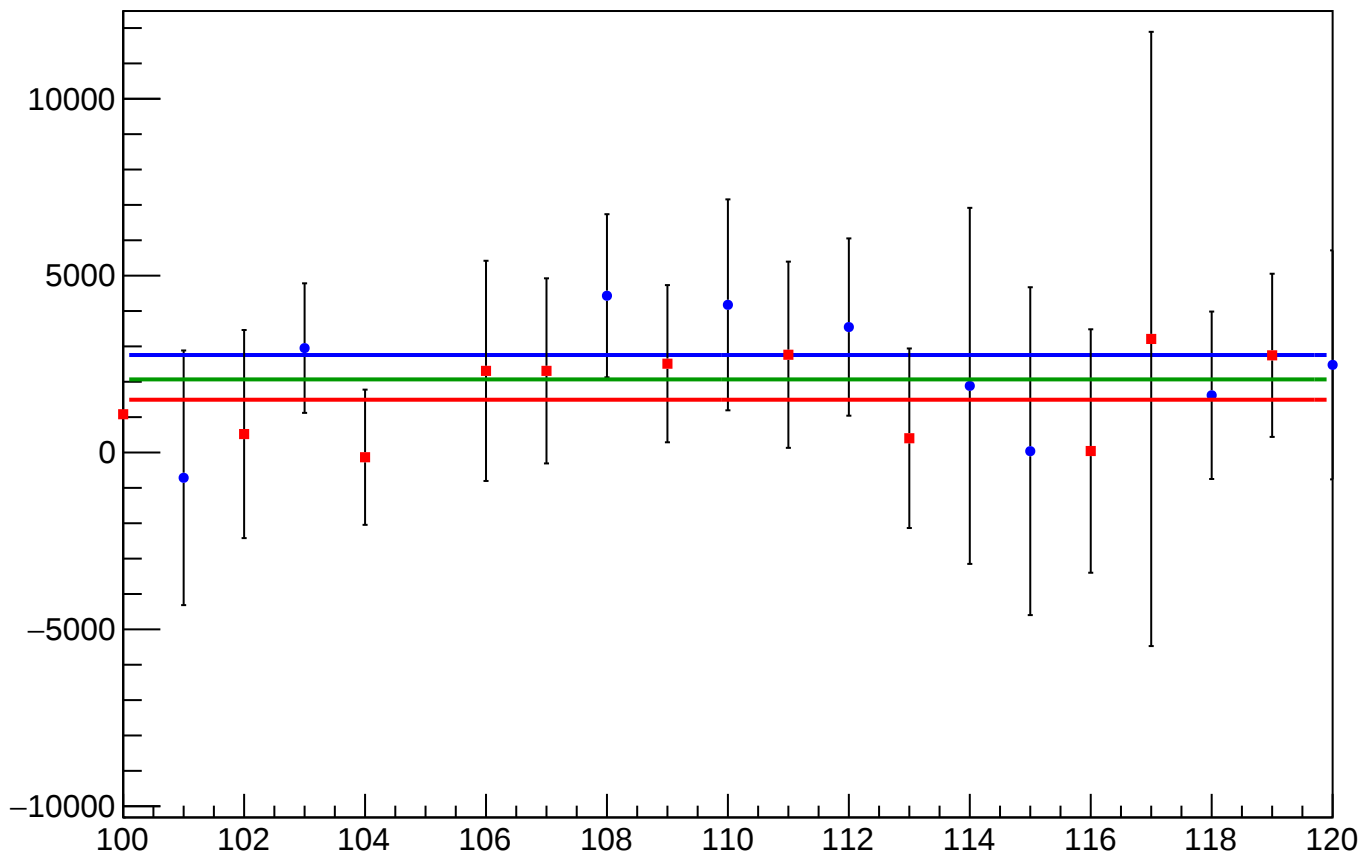
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

2490.984 +/- 1.005 χ^2/NDF : 601921.5/8

2526.148 +/- 0.690 χ^2/NDF : 1138771.2/19

2557.538 +/- 0.950 χ^2/NDF : 534534.3/10

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2756.298+/-914.760 χ^2/NDF : 2.4/8

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

Right Out: 1492.126+/-835.058 χ^2/NDF : 2.1/10

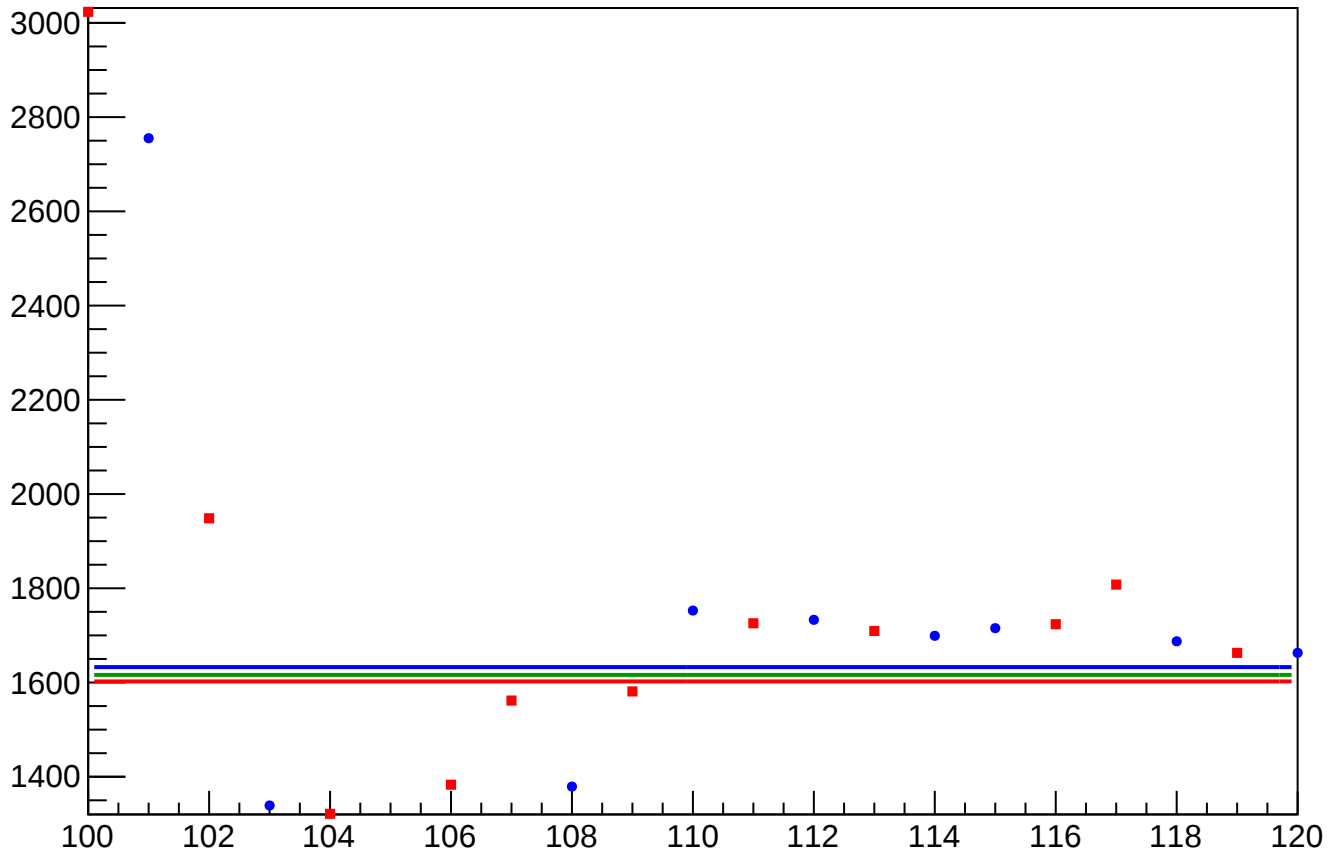
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2756.298+/-914.760 χ^2/NDF : 2.4/8

2066.749+/-616.731 χ^2/NDF : 5.6/19

1492.126+/-835.058 χ^2/NDF : 2.1/10

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1632.712 $\pm$ 0.647 χ^2 /NDF: 278821.1/8

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

Right Out: 1602.307 $\pm$ 0.590 χ^2 /NDF: 125558.6/10

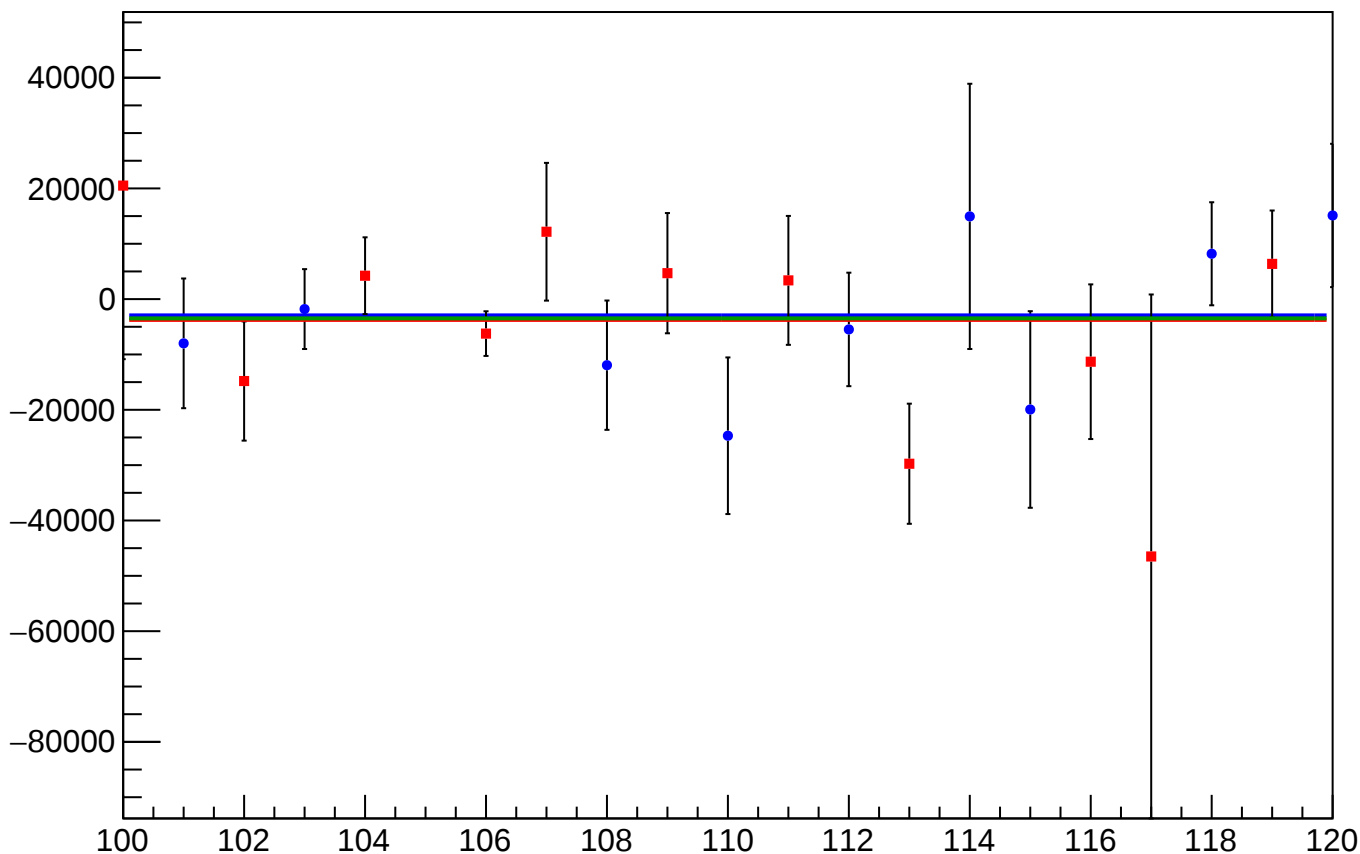
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1632.712 $\pm$ 0.647 χ^2 /NDF: 278821.1/8

1616.127 $\pm$ 0.436 χ^2 /NDF: 405584.9/19

1602.307 $\pm$ 0.590 χ^2 /NDF: 125558.6/10

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2942.653+/-3759.874 χ^2/NDF : 8.1/8

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

Right Out: -3753.910+/-2682.360 χ^2/NDF : 13.9/10

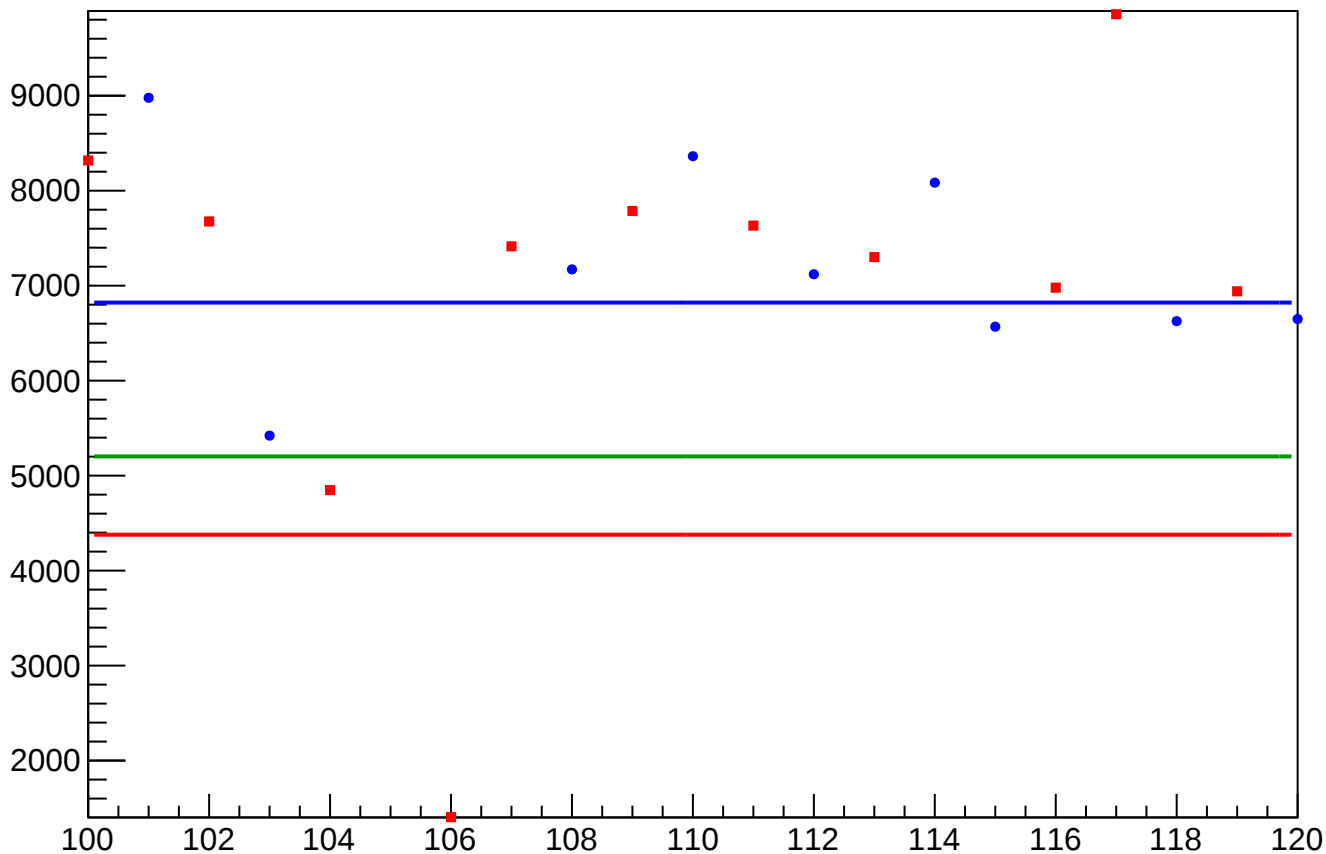
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2942.653+/-3759.874 χ^2/NDF : 8.1/8

-3480.278+/-2183.622 χ^2/NDF : 22.0/19

-3753.910+/-2682.360 χ^2/NDF : 13.9/10

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6822.020 ± 2.659 $\chi^2/\text{NDF}: 177472.9/8$

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

Right Out: 4378.201 ± 1.897 $\chi^2/\text{NDF}: 2170178.2/10$

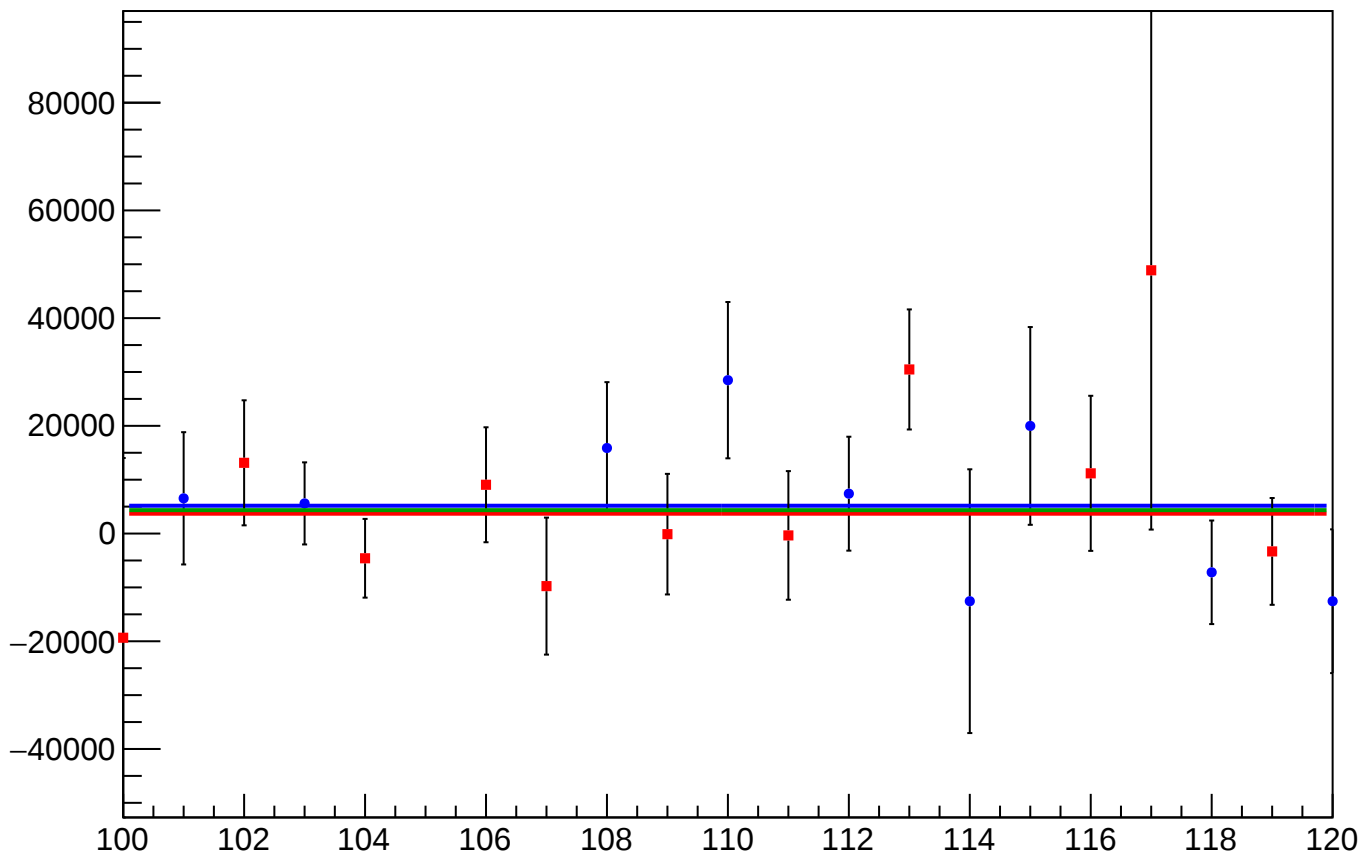
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

6822.020 ± 2.659 $\chi^2/\text{NDF}: 177472.9/8$

5202.486 ± 1.544 $\chi^2/\text{NDF}: 2907592.0/19$

4378.201 ± 1.897 $\chi^2/\text{NDF}: 2170178.2/10$

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5166.452+/-3913.804 χ^2/NDF : 8.0/8

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

Right Out: 3685.144+/-3525.424 χ^2/NDF : 11.4/10

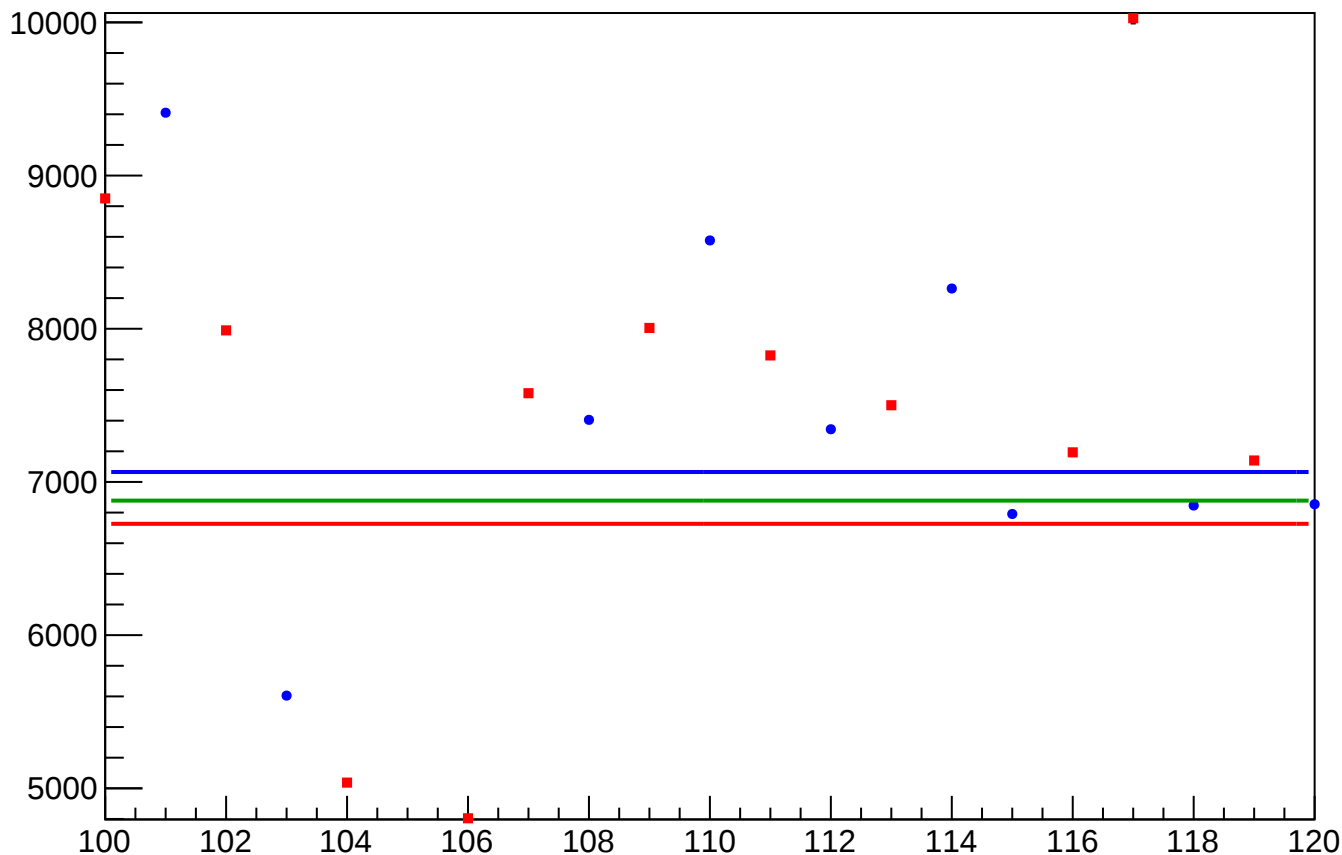
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5166.452+/-3913.804 χ^2/NDF : 8.0/8

4348.674+/-2619.428 χ^2/NDF : 19.5/19

3685.144+/-3525.424 χ^2/NDF : 11.4/10

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7064.867+/-2.767 χ^2/NDF : 177734.0/8

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

Right Out: 6726.713+/-2.492 χ^2/NDF : 280369.1/10

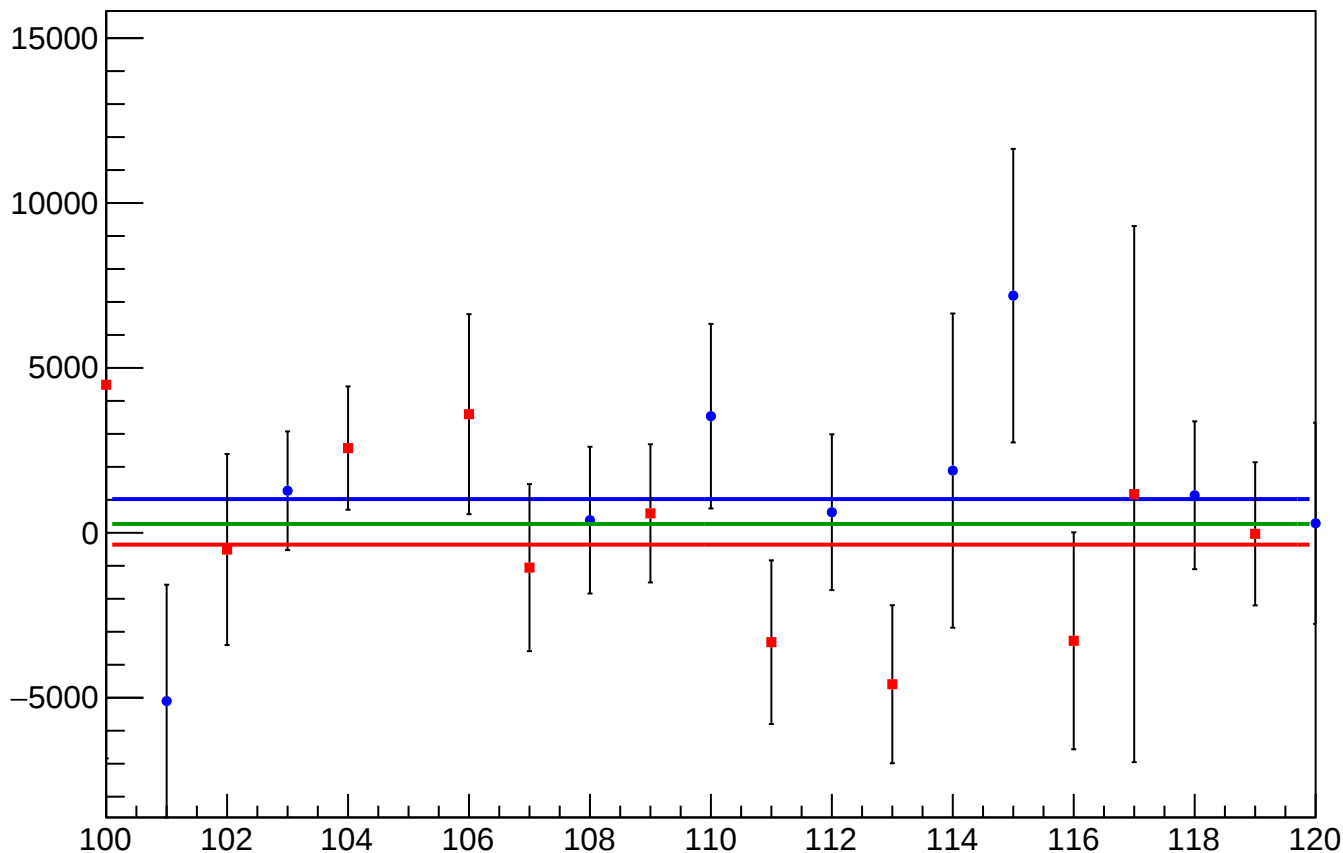
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7064.867+/-2.767 χ^2/NDF : 177734.0/8

6878.157+/-1.852 χ^2/NDF : 466347.3/19

6726.713+/-2.492 χ^2/NDF : 280369.1/10

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1023.308+/-877.365 χ^2/NDF : 6.0/8

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

Right Out: -357.711+/-800.206 χ^2/NDF : 10.0/10

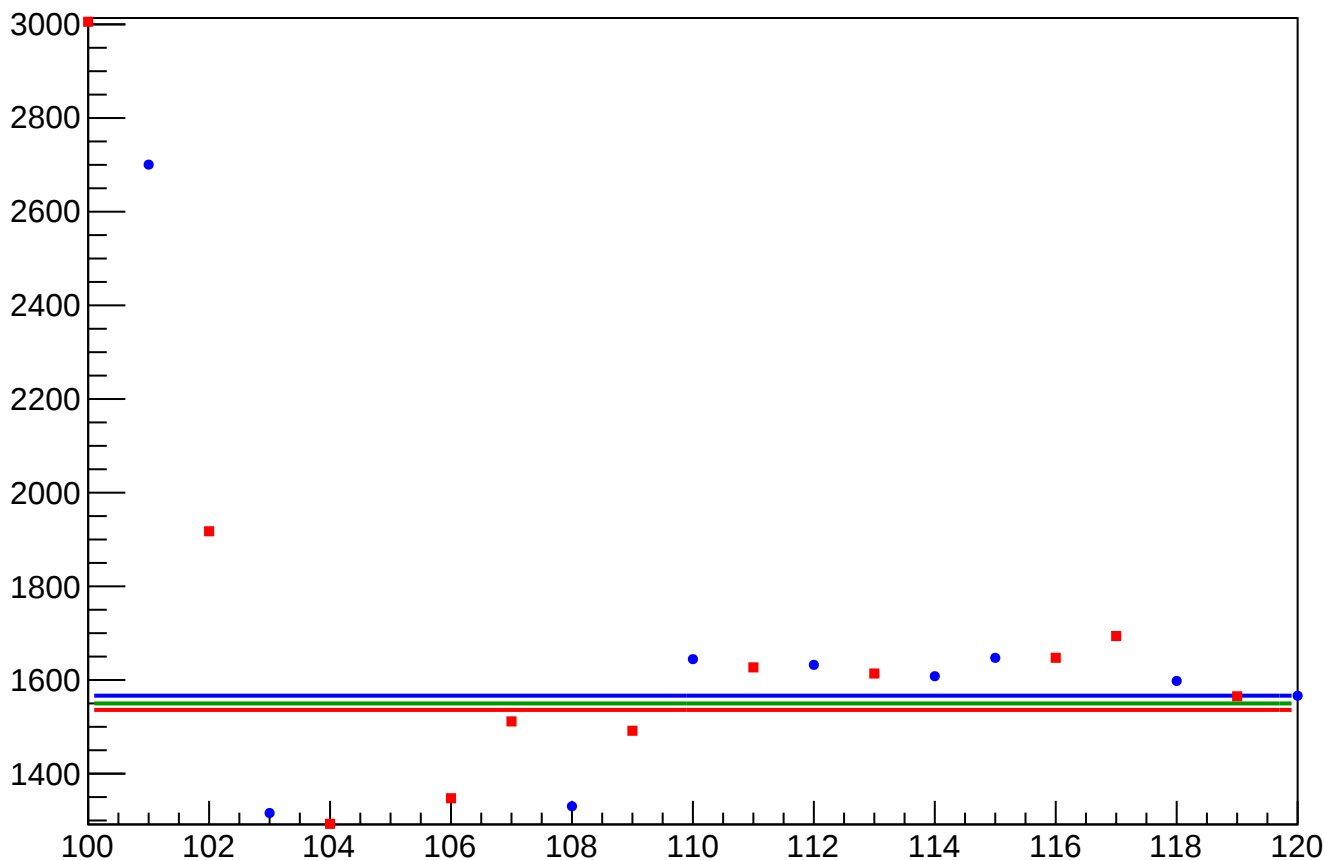
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1023.308+/-877.365 χ^2/NDF : 6.0/8

269.413+/-591.231 χ^2/NDF : 17.3/19

-357.711+/-800.206 χ^2/NDF : 10.0/10

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1566.527+/-0.620 χ^2/NDF : 272197.4/8

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

Right Out: 1536.115+/-0.566 χ^2/NDF : 119166.4/10

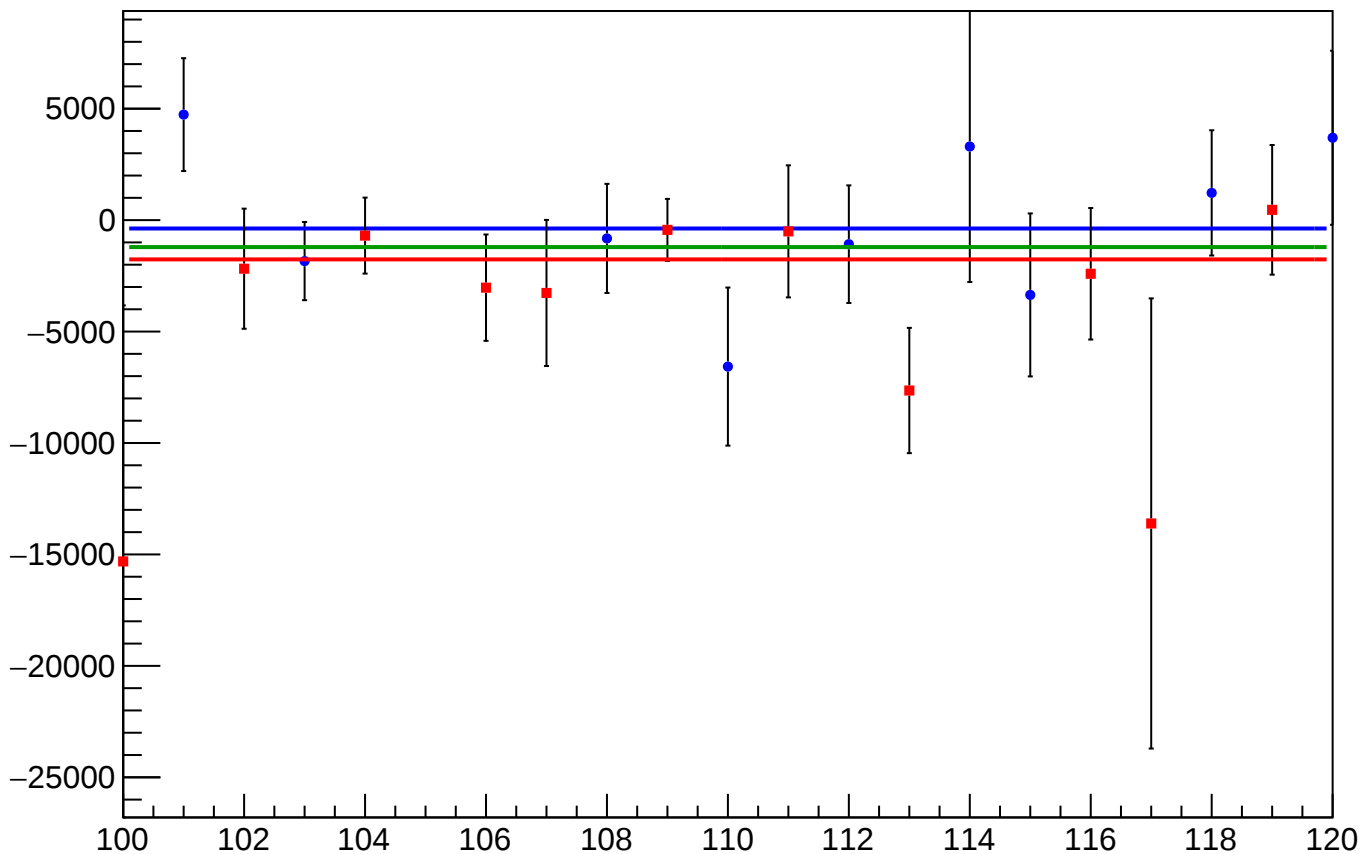
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1566.527+/-0.620 χ^2/NDF : 272197.4/8

1549.925+/-0.418 χ^2/NDF : 392675.6/19

1536.115+/-0.566 χ^2/NDF : 119166.4/10

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -375.775+/-926.438 χ^2/NDF : 10.4/8

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

Right Out: -1761.764+/-754.060 χ^2/NDF : 9.8/10

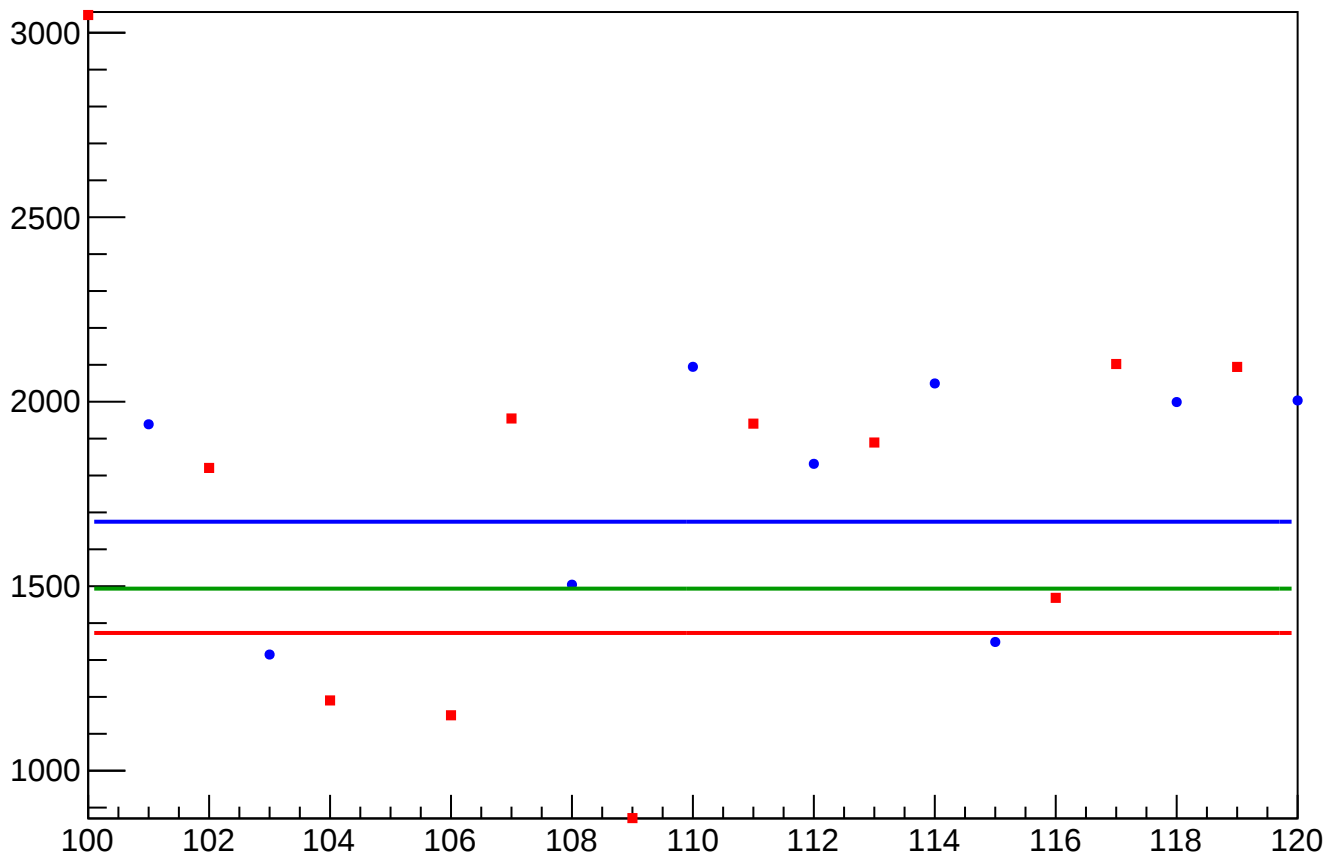
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-375.775+/-926.438 χ^2/NDF : 10.4/8

-1209.458+/-584.825 χ^2/NDF : 21.5/19

-1761.764+/-754.060 χ^2/NDF : 9.8/10

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1674.787 ± 0.655 χ^2/NDF : 215093.5/8

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

Right Out: 1373.279 ± 0.533 χ^2/NDF : 737479.5/10

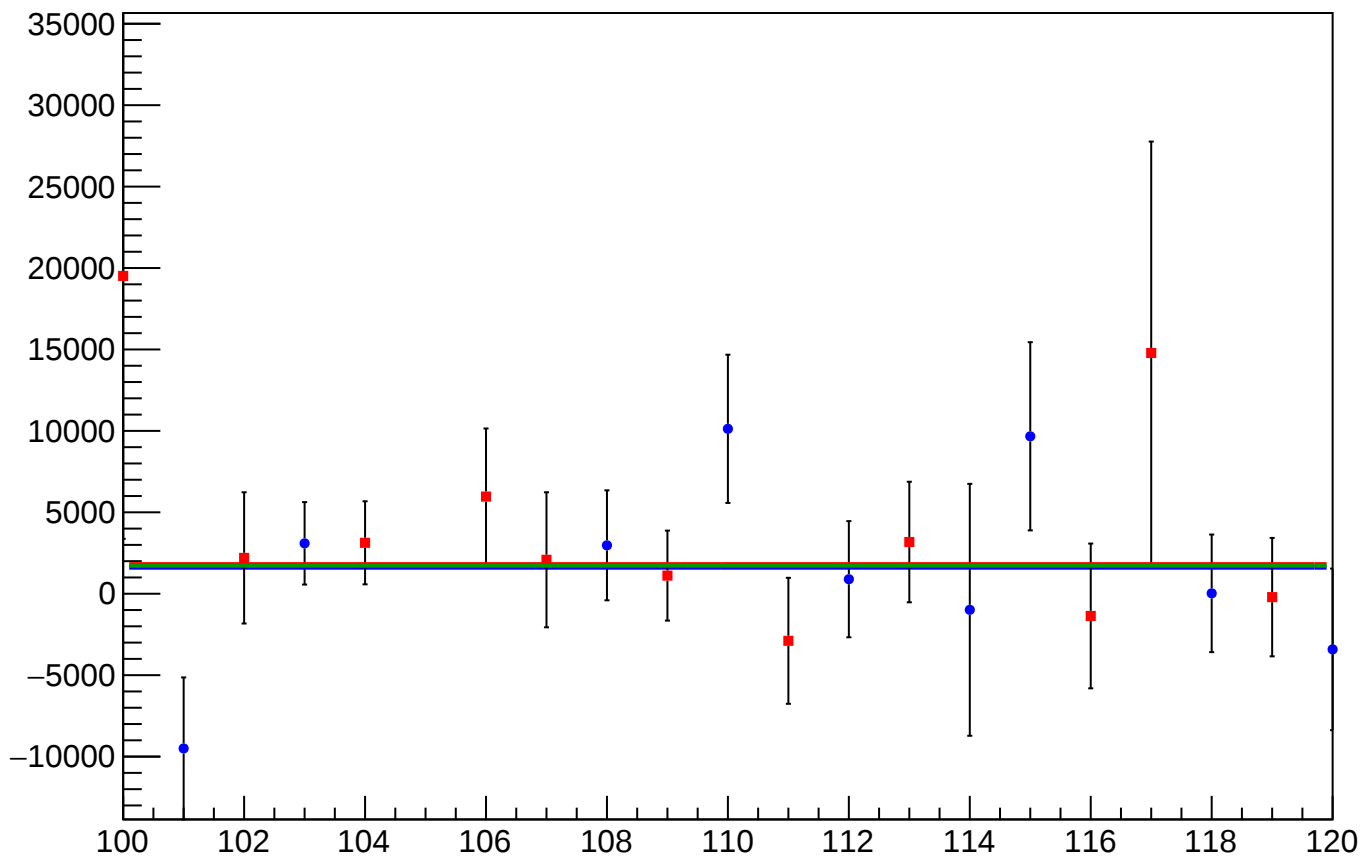
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1674.787 ± 0.655 χ^2/NDF : 215093.5/8

1493.428 ± 0.414 χ^2/NDF : 1079992.9/19

1373.279 ± 0.533 χ^2/NDF : 737479.5/10

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1600.020+/-1304.931 χ^2/NDF : 13.8/8

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

Right Out: 1818.831+/-1164.372 χ^2/NDF : 6.0/10

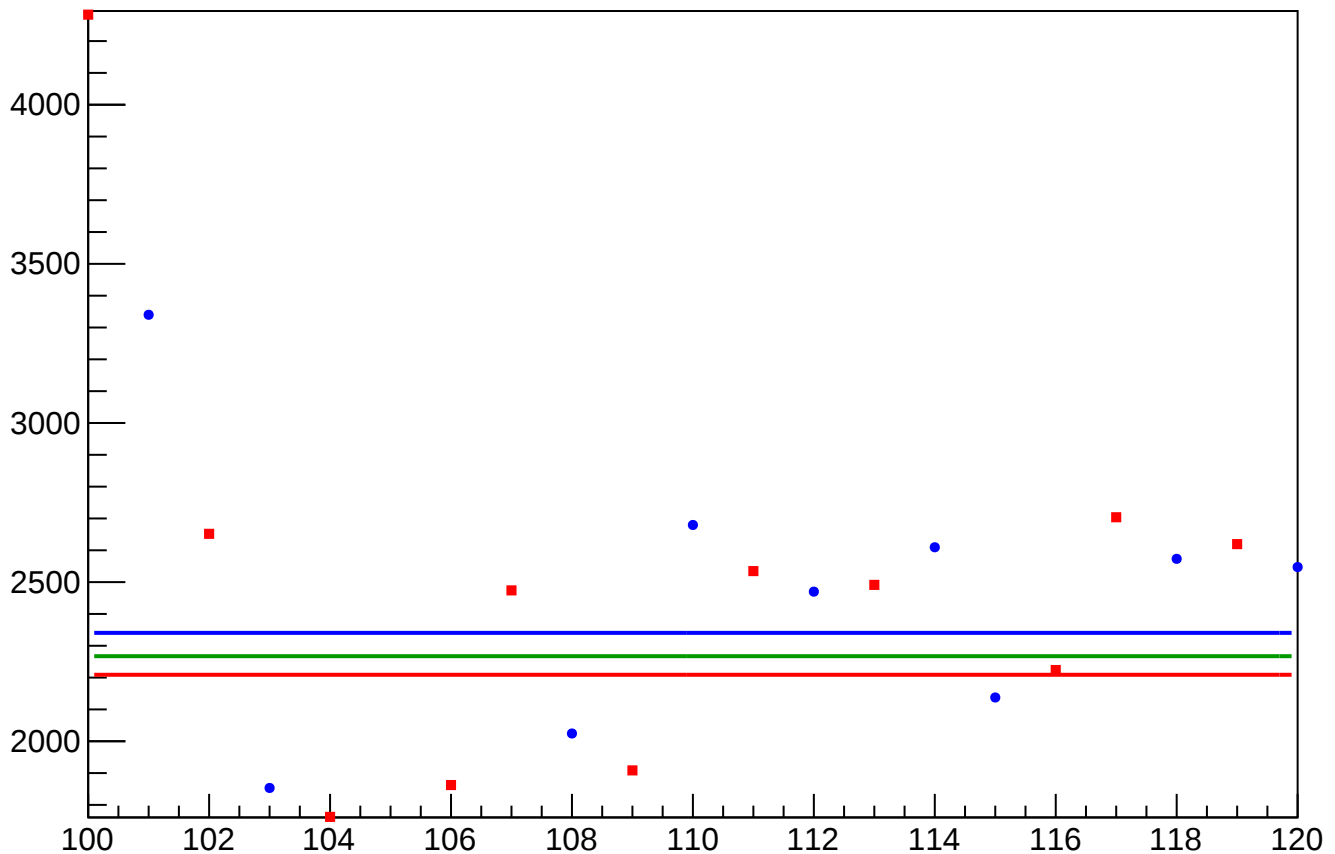
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1600.020+/-1304.931 χ^2/NDF : 13.8/8

1721.841+/-868.795 χ^2/NDF : 19.8/19

1818.831+/-1164.372 χ^2/NDF : 6.0/10

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2340.560 +/- 0.923 χ^2/NDF : 227097.2/8

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

Right Out: 2208.854 +/- 0.823 χ^2/NDF : 218328.3/10

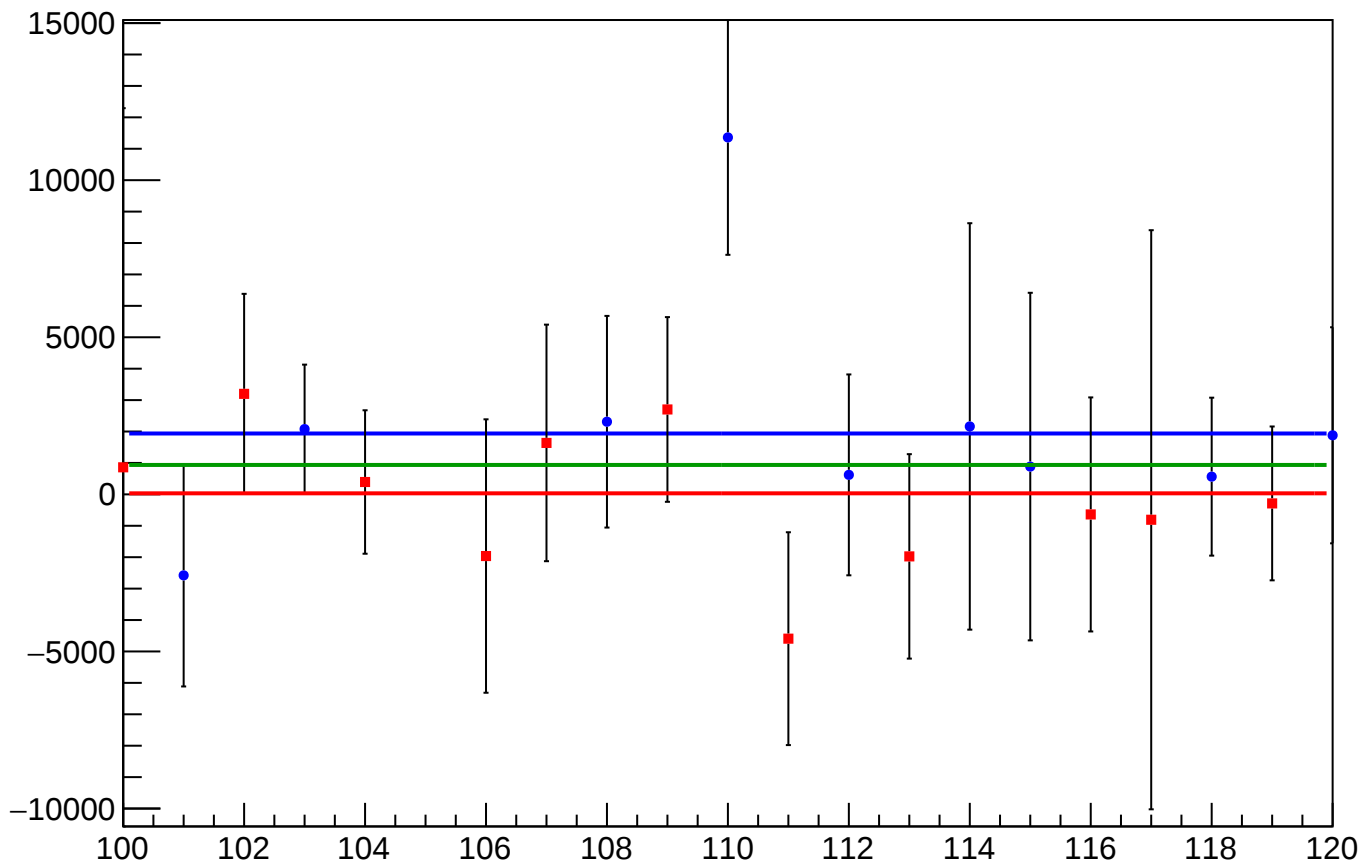
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

2340.560 +/- 0.923 χ^2/NDF : 227097.2/8

2267.234 +/- 0.614 χ^2/NDF : 456768.3/19

2208.854 +/- 0.823 χ^2/NDF : 218328.3/10

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 1937.435+/-1069.223 χ^2/NDF : 8.5/8

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

Right Out: 32.952+/-1015.554 χ^2/NDF : 4.5/10

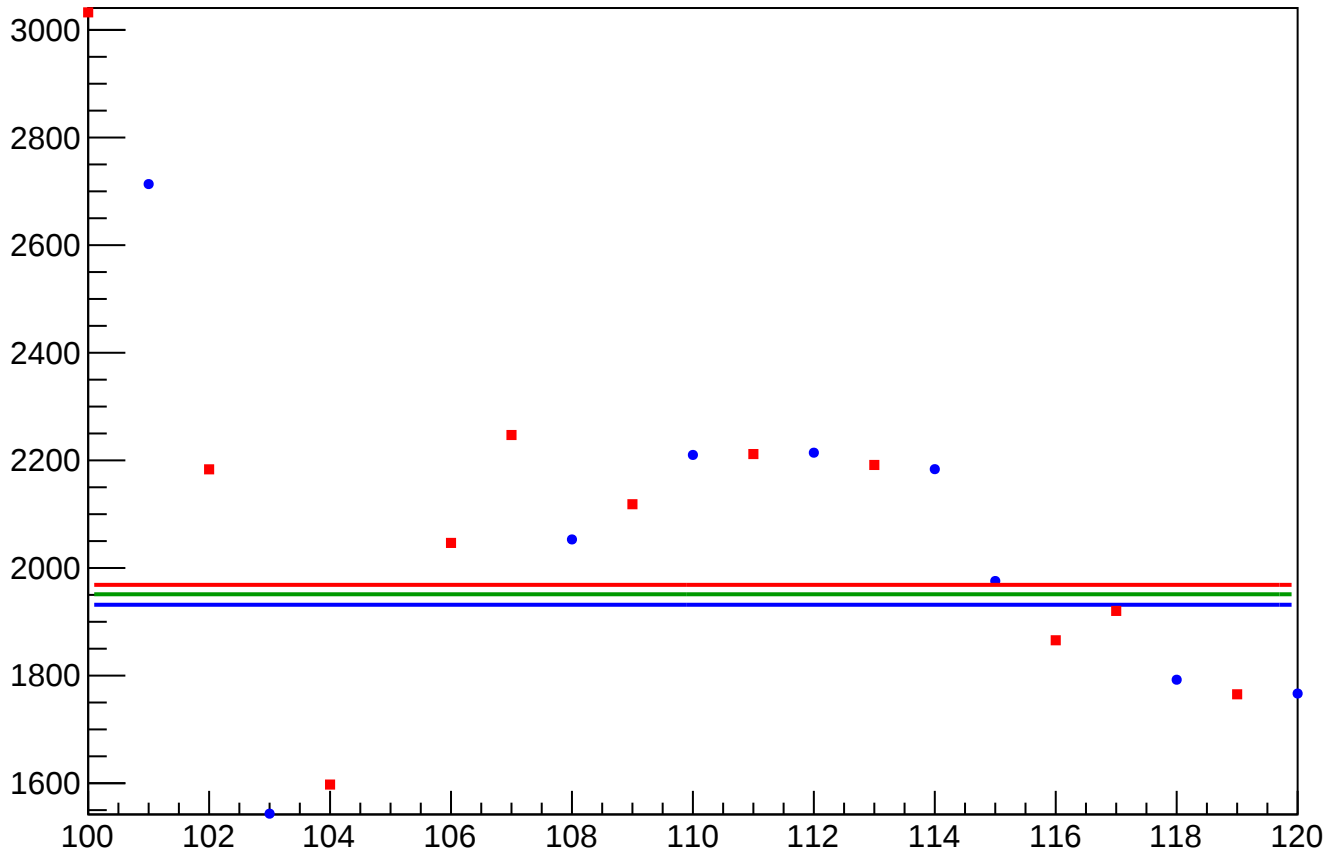
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1937.435+/-1069.223 χ^2/NDF : 8.5/8

936.198+/-736.348 χ^2/NDF : 14.7/19

32.952+/-1015.554 χ^2/NDF : 4.5/10

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1931.659+/-0.756 χ^2/NDF : 212675.3/8

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

Right Out: 1968.655+/-0.716 χ^2/NDF : 131199.6/10

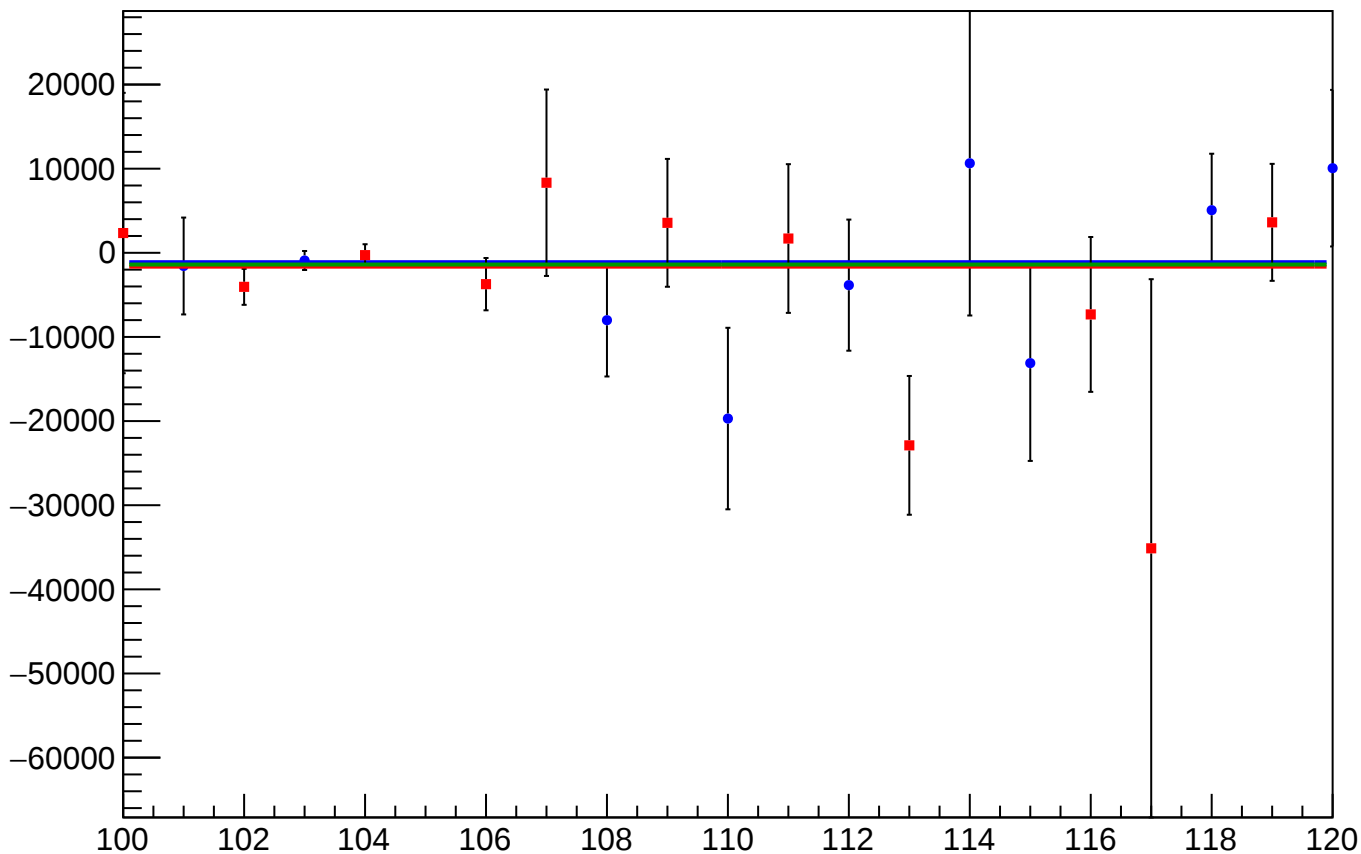
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1931.659+/-0.756 χ^2/NDF : 212675.3/8

1951.164+/-0.520 χ^2/NDF : 345137.2/19

1968.655+/-0.716 χ^2/NDF : 131199.6/10

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -1114.886+/-1050.313 χ^2/NDF : 8.0/8

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

Right Out: -1643.508+/-996.004 χ^2/NDF : 13.0/10

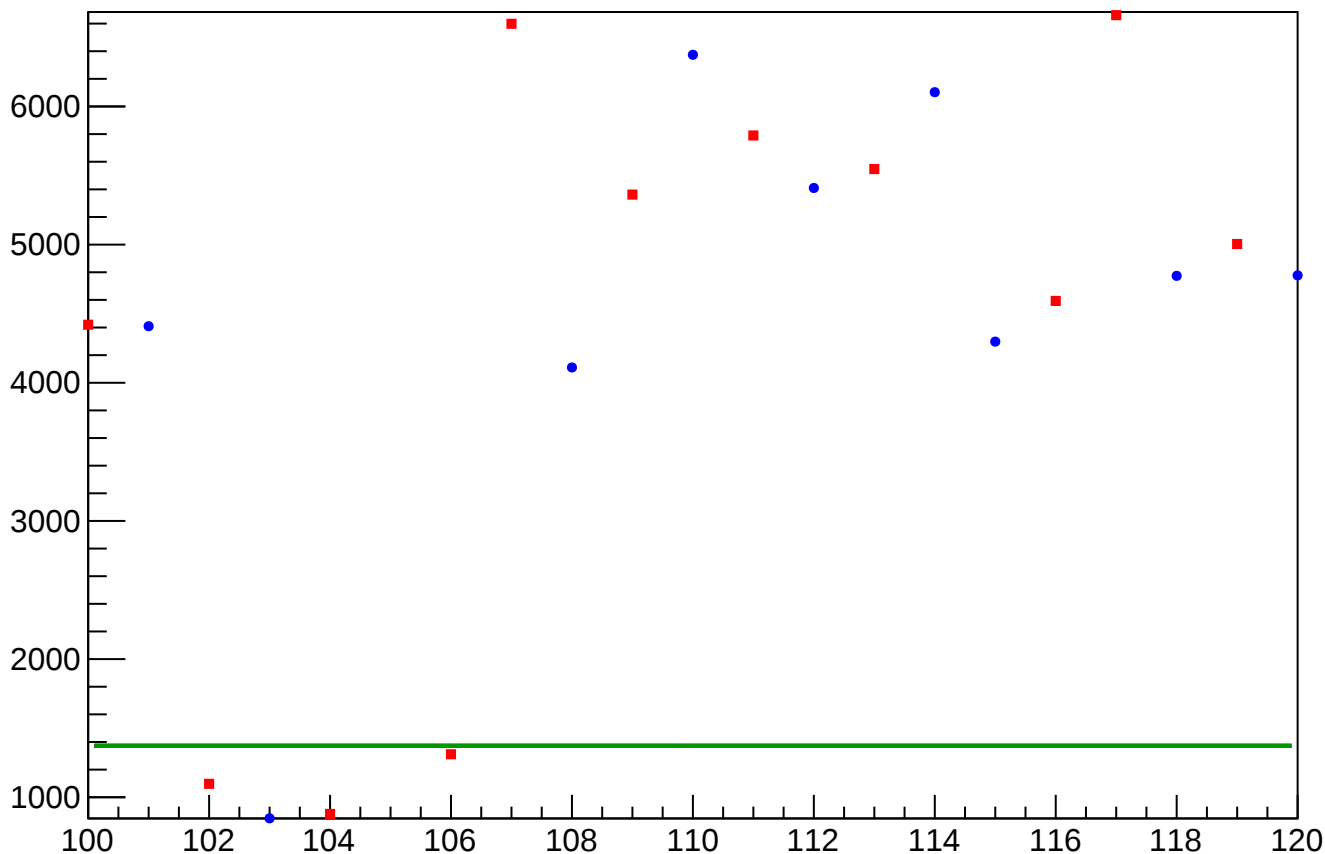
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1114.886+/-1050.313 χ^2/NDF : 8.0/8

-1393.216+/-722.718 χ^2/NDF : 21.1/19

-1643.508+/-996.004 χ^2/NDF : 13.0/10

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1373.765+/-0.743 χ^2/NDF : 3336645.9/8

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

Right Out: 1371.041+/-0.704 χ^2/NDF : 3244427.2/10

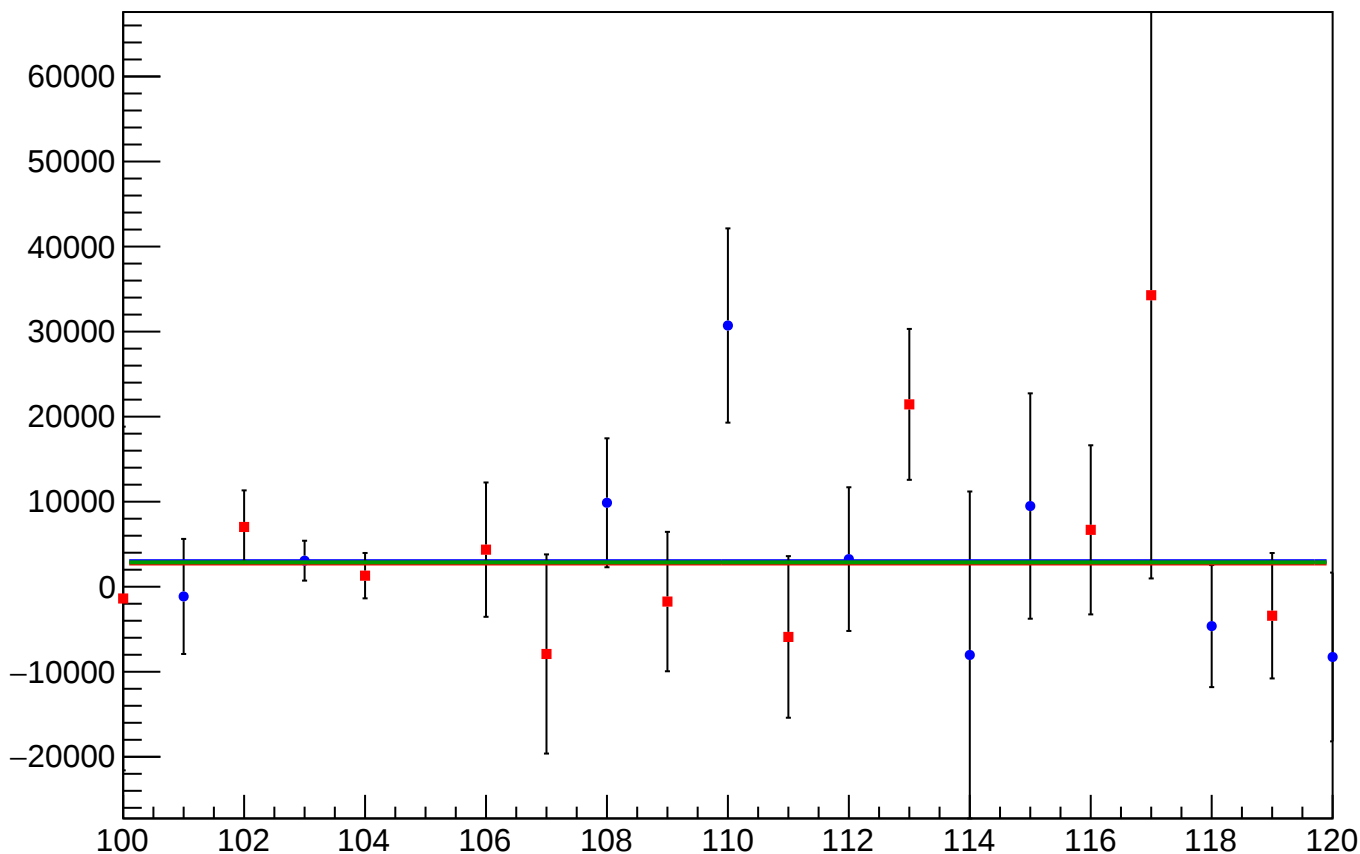
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1373.765+/-0.743 χ^2/NDF : 3336645.9/8

1372.331+/-0.511 χ^2/NDF : 6581080.2/19

1371.041+/-0.704 χ^2/NDF : 3244427.2/10

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3004.102+/-1887.274 χ^2/NDF : 10.1/8

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

Right Out: 2732.496+/-1862.335 χ^2/NDF : 9.5/10

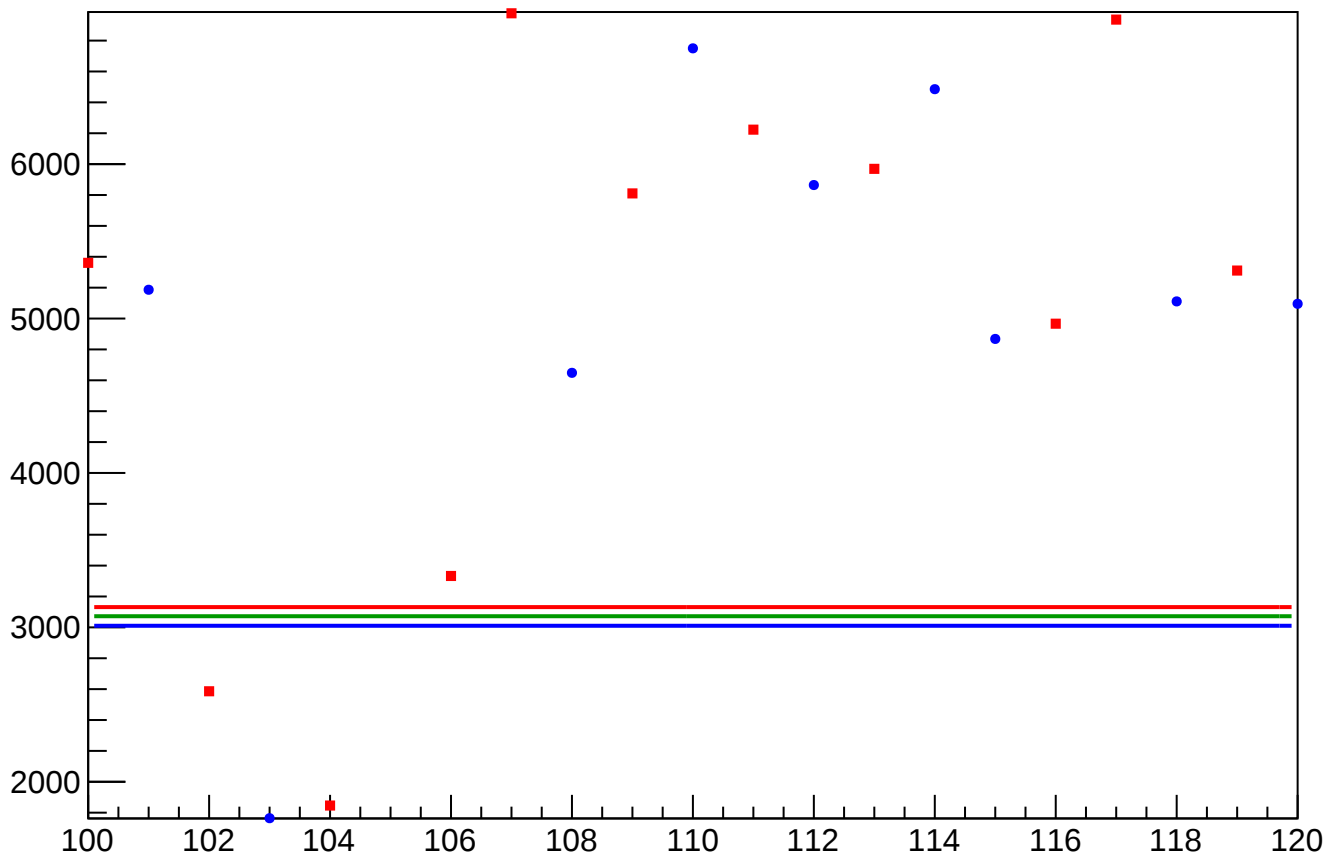
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3004.102+/-1887.274 χ^2/NDF : 10.1/8

2866.492+/-1325.599 χ^2/NDF : 19.6/19

2732.496+/-1862.335 χ^2/NDF : 9.5/10

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3010.343+/-1.335 χ^2/NDF : 1672123.0/8

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

Right Out: 3131.280+/-1.305 χ^2/NDF : 1636944.3/10

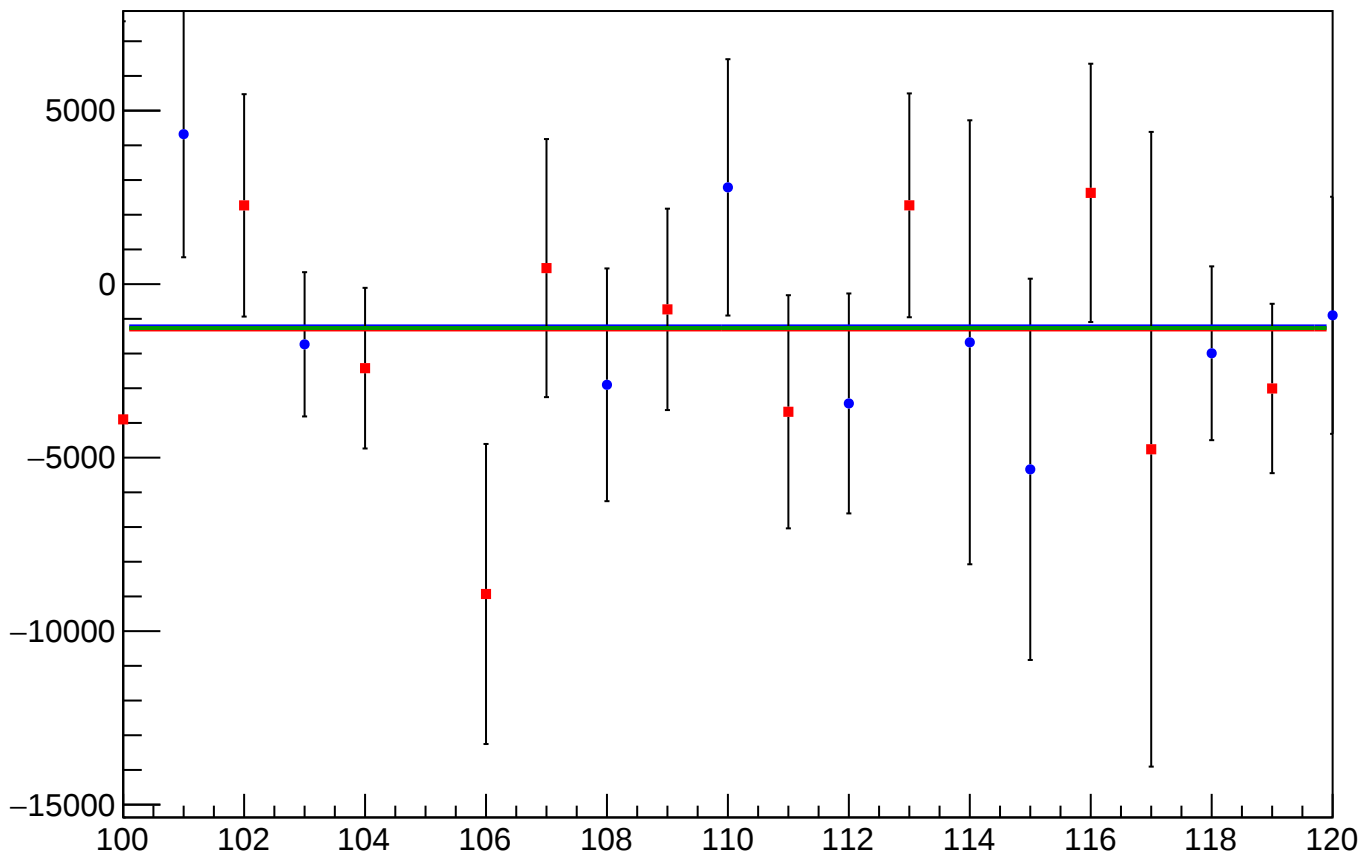
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3010.343+/-1.335 χ^2/NDF : 1672123.0/8

3072.156+/-0.933 χ^2/NDF : 3313264.9/19

3131.280+/-1.305 χ^2/NDF : 1636944.3/10

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1217.982+/-1068.853 χ^2/NDF : 5.1/8

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

Right Out: -1306.021+/-1013.794 χ^2/NDF : 8.4/10

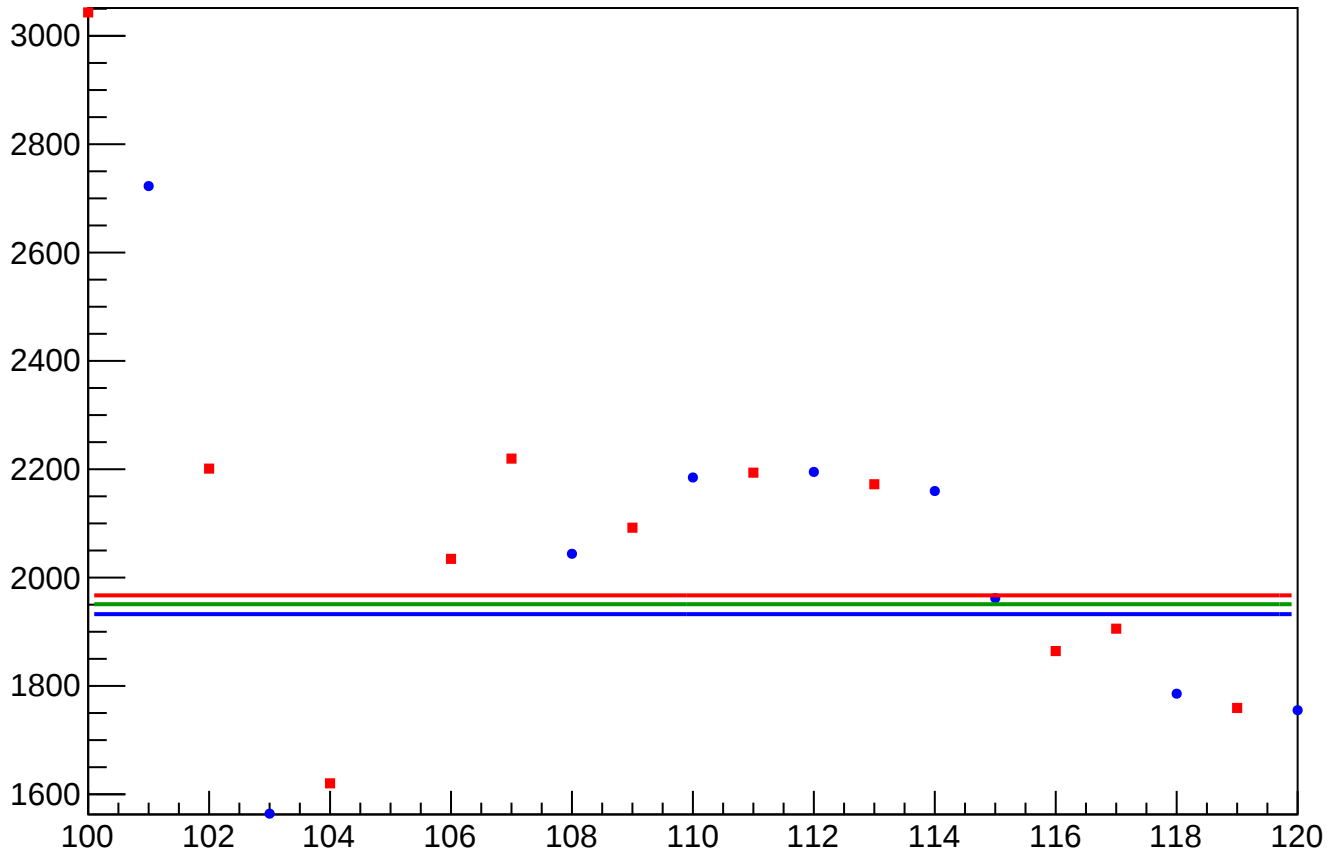
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1217.982+/-1068.853 χ^2/NDF : 5.1/8

-1264.328+/-735.555 χ^2/NDF : 13.5/19

-1306.021+/-1013.794 χ^2/NDF : 8.4/10

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1932.511+/-0.756 χ^2/NDF : 202073.0/8

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

Right Out: 1967.214+/-0.715 χ^2/NDF : 119954.1/10

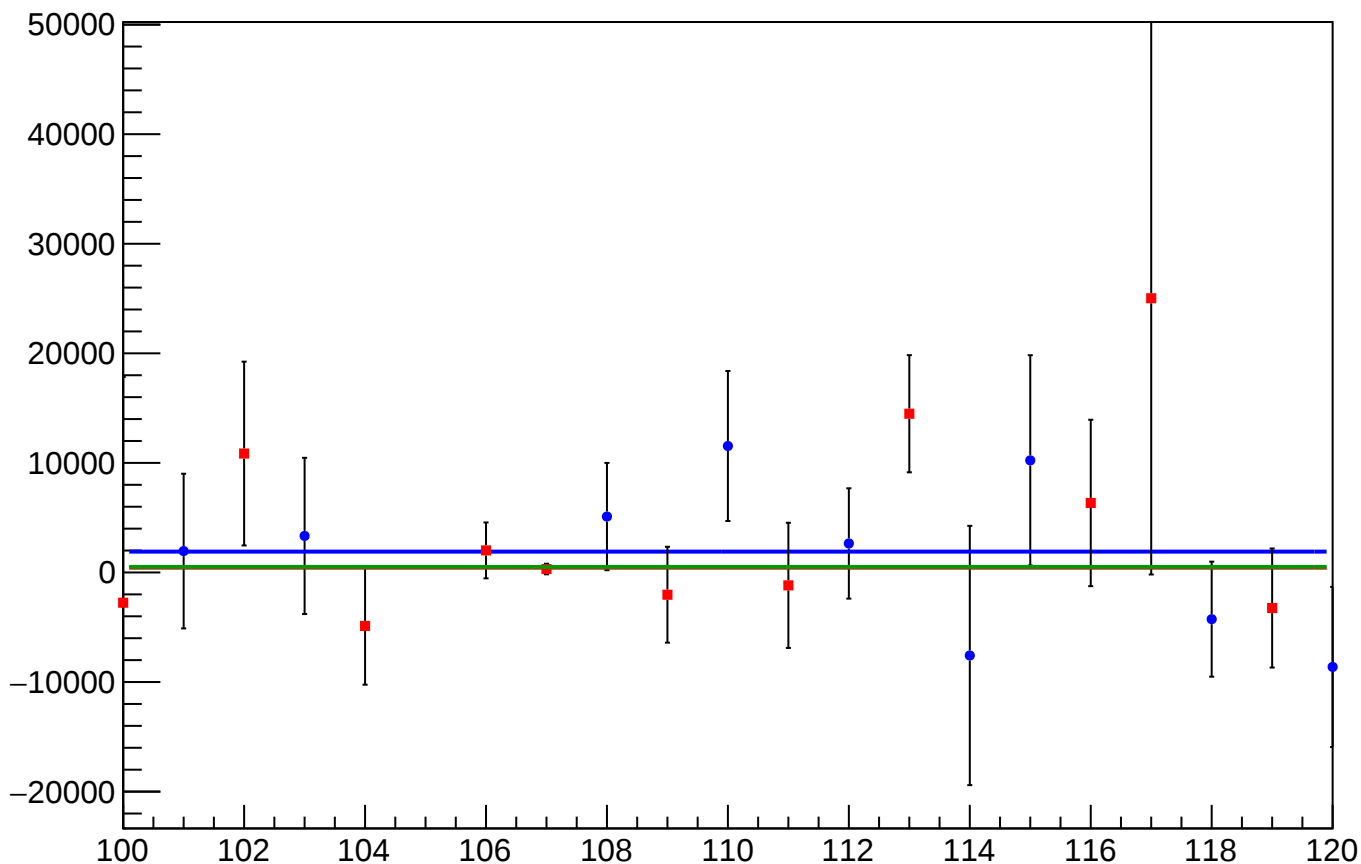
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1932.511+/-0.756 χ^2/NDF : 202073.0/8

1950.830+/-0.519 χ^2/NDF : 323140.0/19

1967.214+/-0.715 χ^2/NDF : 119954.1/10

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1902.800+/-2155.246 χ^2/NDF : 7.3/8

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

Right Out: 437.636+/-462.055 χ^2/NDF : 12.3/10

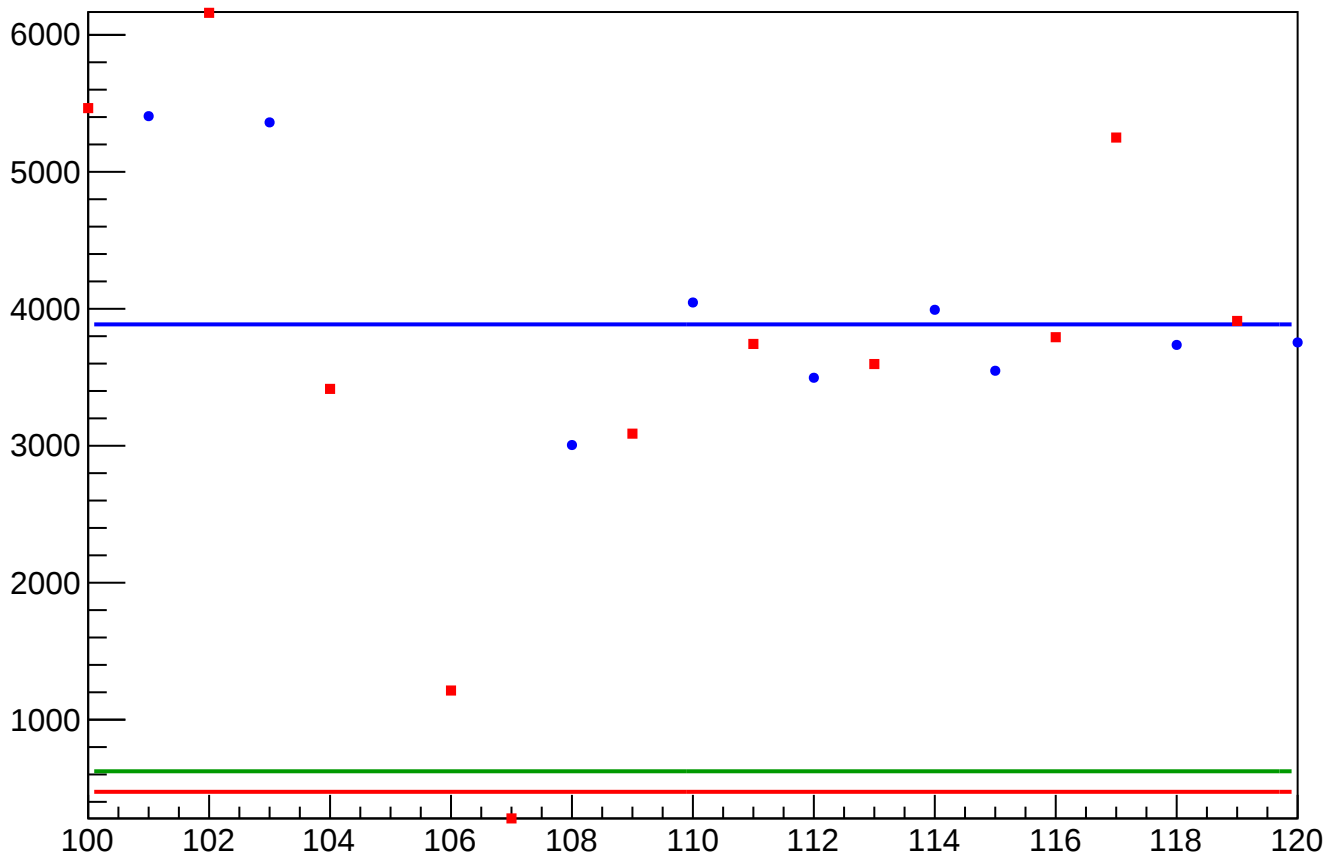
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1902.800+/-2155.246 χ^2/NDF : 7.3/8

502.018+/-451.790 χ^2/NDF : 20.1/19

437.636+/-462.055 χ^2/NDF : 12.3/10

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3886.233+/-1.524 χ^2/NDF : 261168.9/8

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

Right Out: 473.300+/-0.327 χ^2/NDF : 5440047.5/10

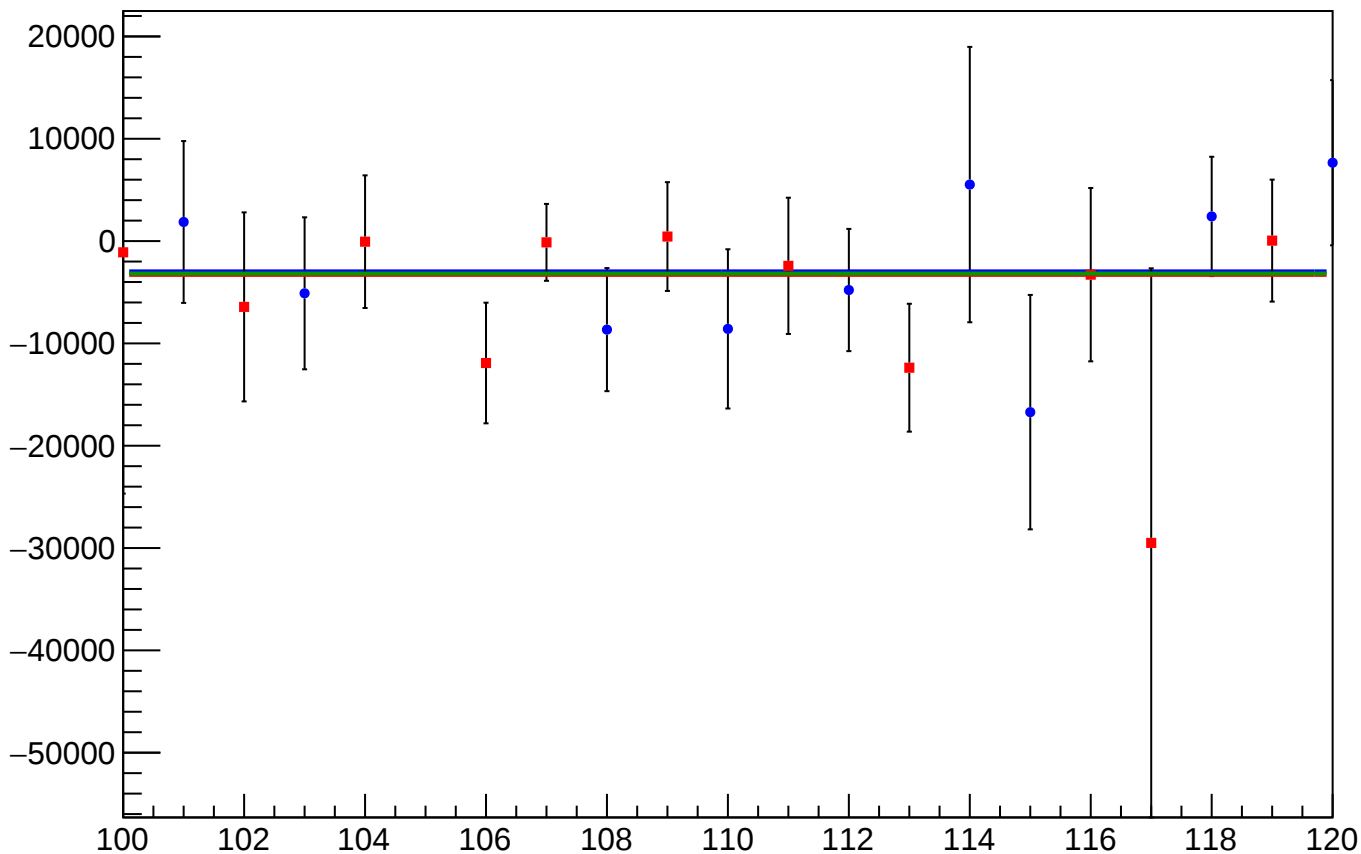
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3886.233+/-1.524 χ^2/NDF : 261168.9/8

623.271+/-0.319 χ^2/NDF : 10496078.2/19

473.300+/-0.327 χ^2/NDF : 5440047.5/10

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2960.897+/-2467.756 χ^2/NDF : 6.4/8

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

Right Out: -3302.582+/-1946.553 χ^2/NDF : 7.1/10

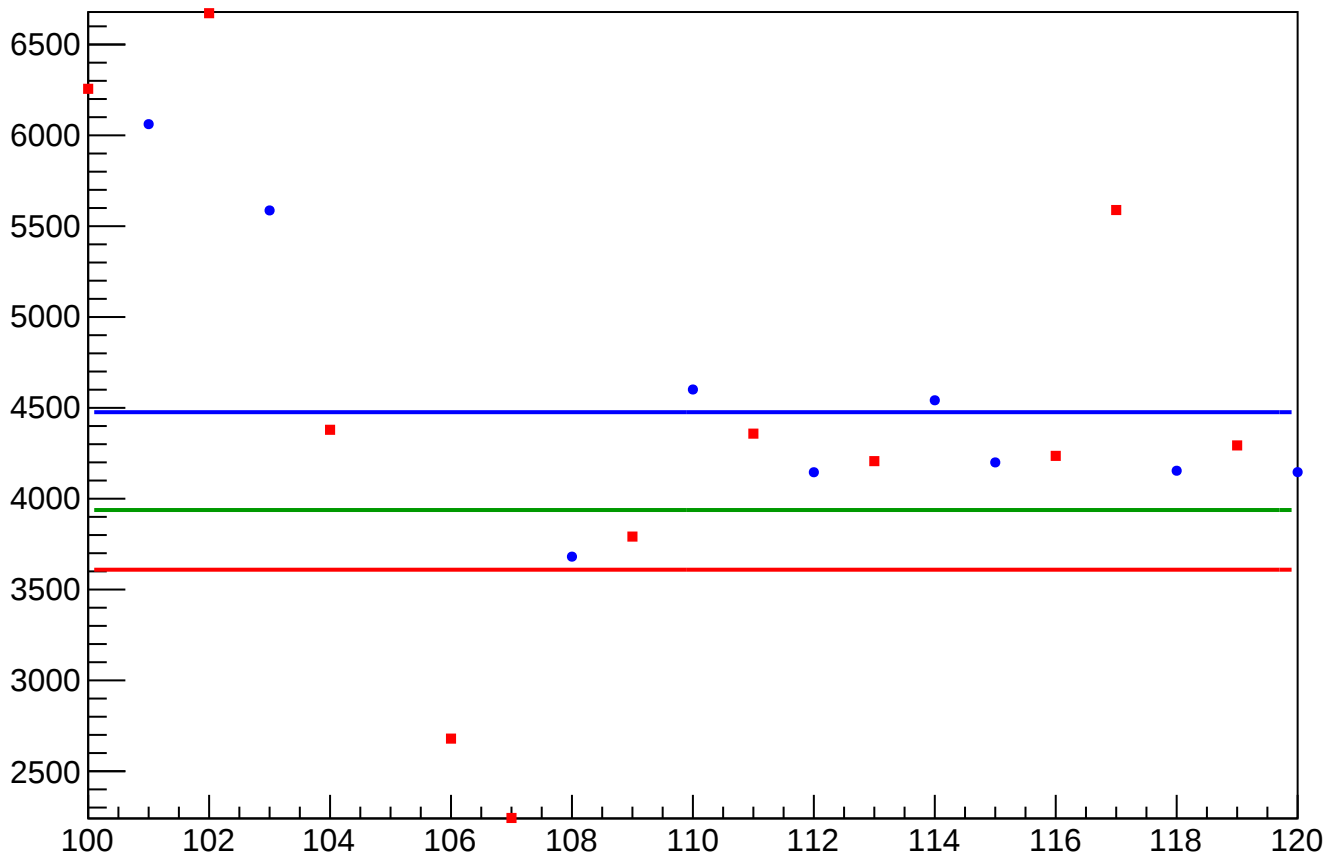
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2960.897+/-2467.756 χ^2/NDF : 6.4/8

-3171.528+/-1528.320 χ^2/NDF : 13.5/19

-3302.582+/-1946.553 χ^2/NDF : 7.1/10

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4476.217+/-1.745 χ^2/NDF : 177338.4/8

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

Right Out: 3609.185+/-1.363 χ^2/NDF : 690695.9/10

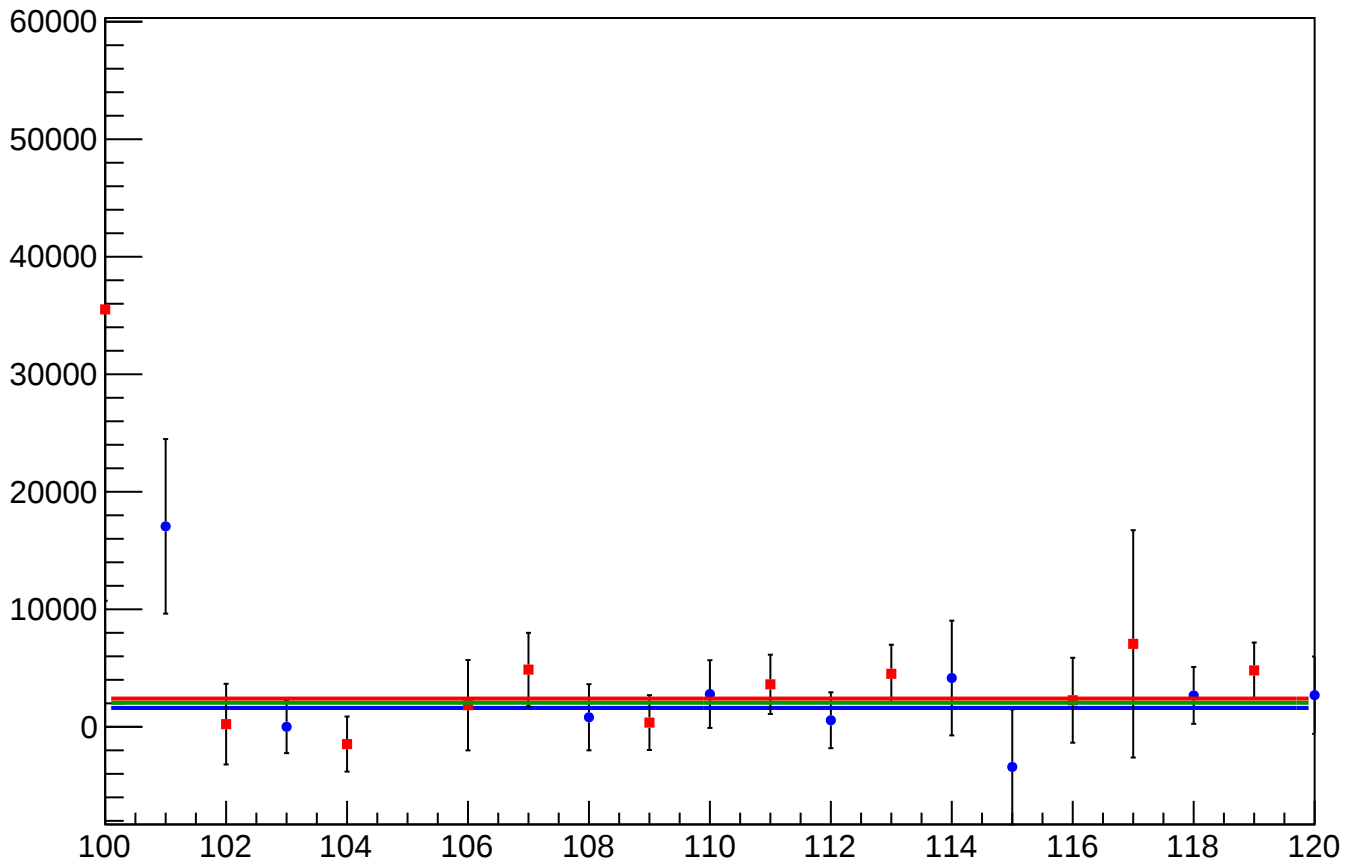
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4476.217+/-1.745 χ^2/NDF : 177338.4/8

3937.745+/-1.074 χ^2/NDF : 1021363.3/19

3609.185+/-1.363 χ^2/NDF : 690695.9/10

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1606.445+/-1006.375 χ^2/NDF : 6.9/8

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

Right Out: 2406.659+/-909.843 χ^2/NDF : 8.5/10

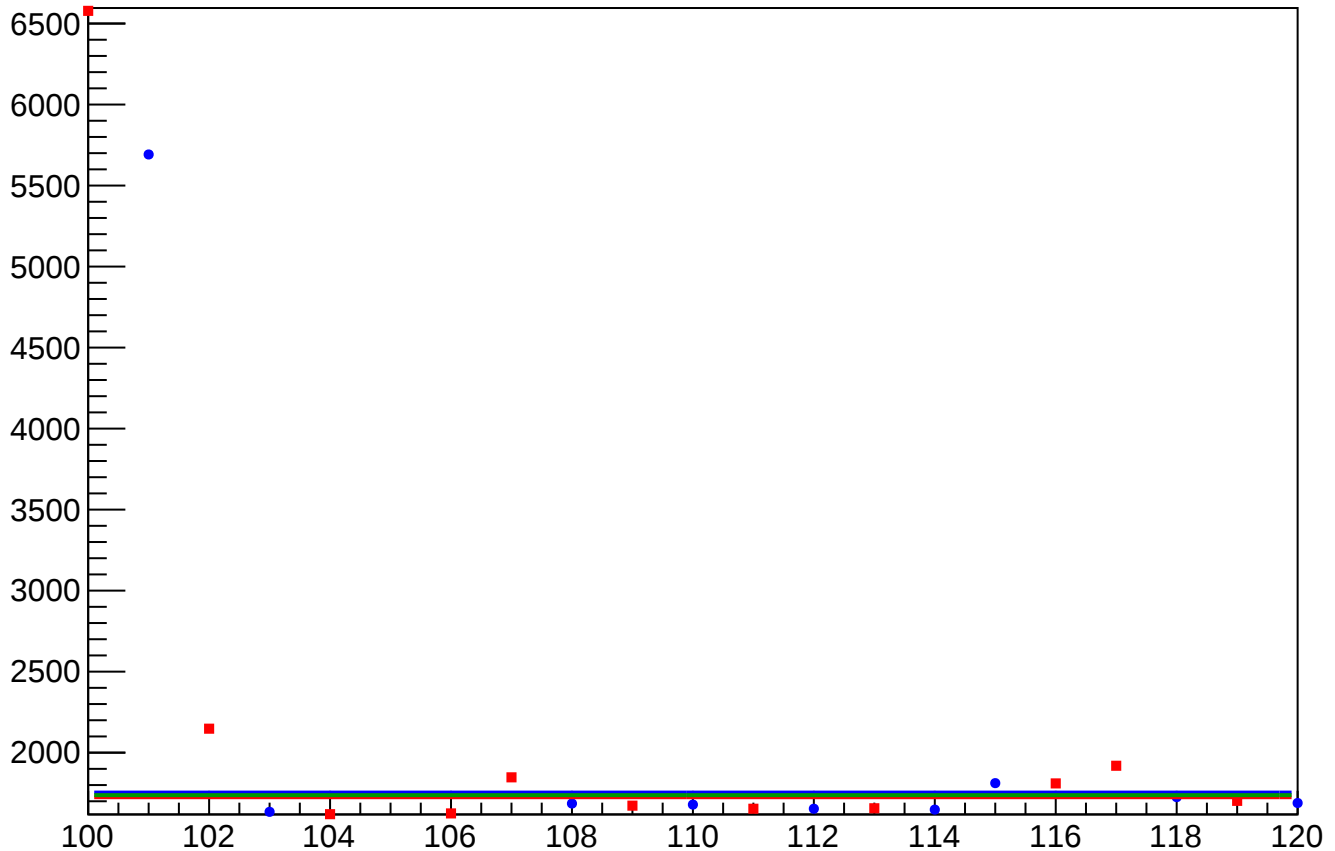
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1606.445+/-1006.375 χ^2/NDF : 6.9/8

2046.762+/-674.910 χ^2/NDF : 15.8/19

2406.659+/-909.843 χ^2/NDF : 8.5/10

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1753.515+/-0.712 χ^2/NDF : 576111.0/8

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

Right Out: 1725.128+/-0.636 χ^2/NDF : 122211.1/10

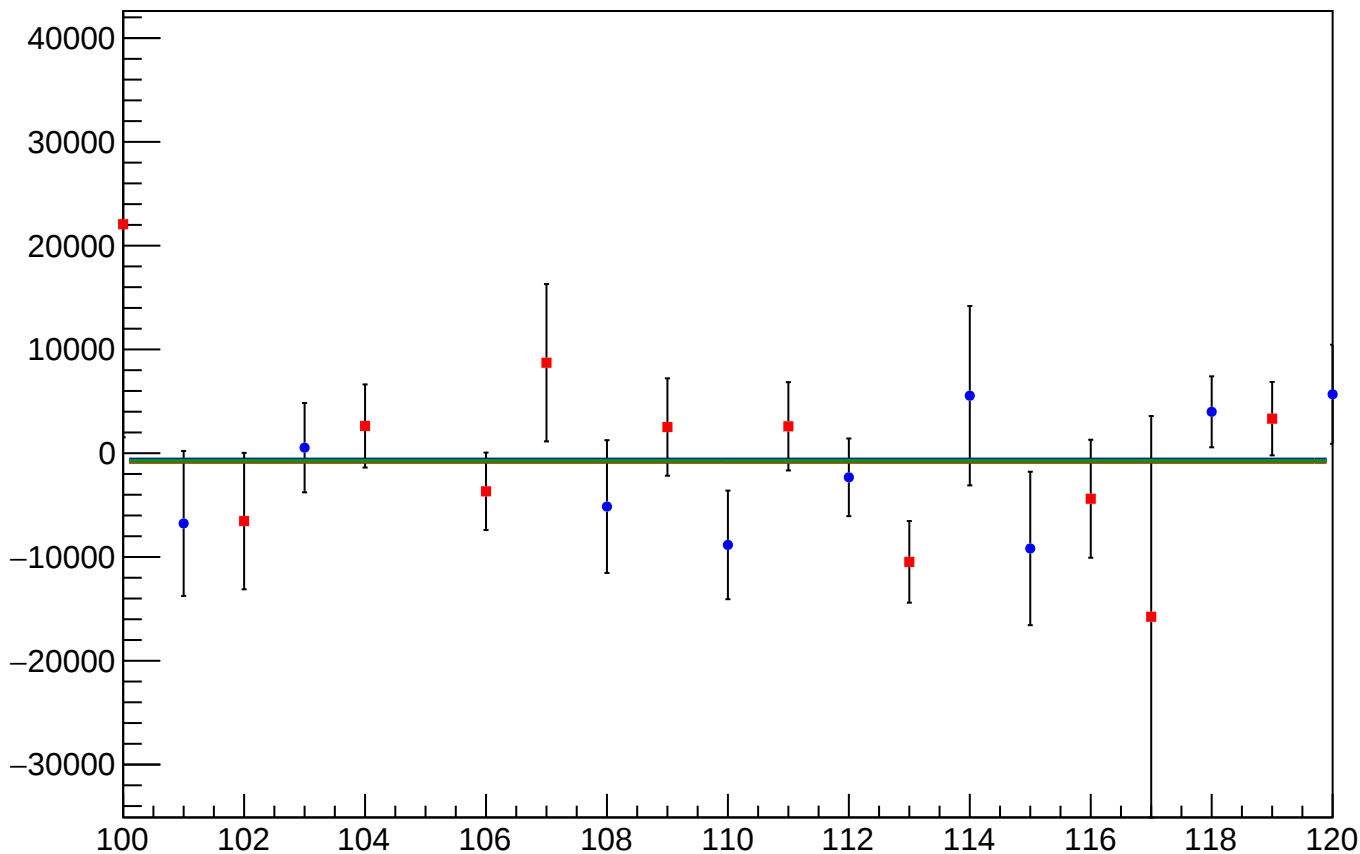
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1753.515+/-0.712 χ^2/NDF : 576111.0/8

1737.726+/-0.474 χ^2/NDF : 699207.2/19

1725.128+/-0.636 χ^2/NDF : 122211.1/10

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: -618.340+/-1648.739 χ^2/NDF : 9.4/8

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

Right Out: -828.111+/-1480.958 χ^2/NDF : 14.4/10

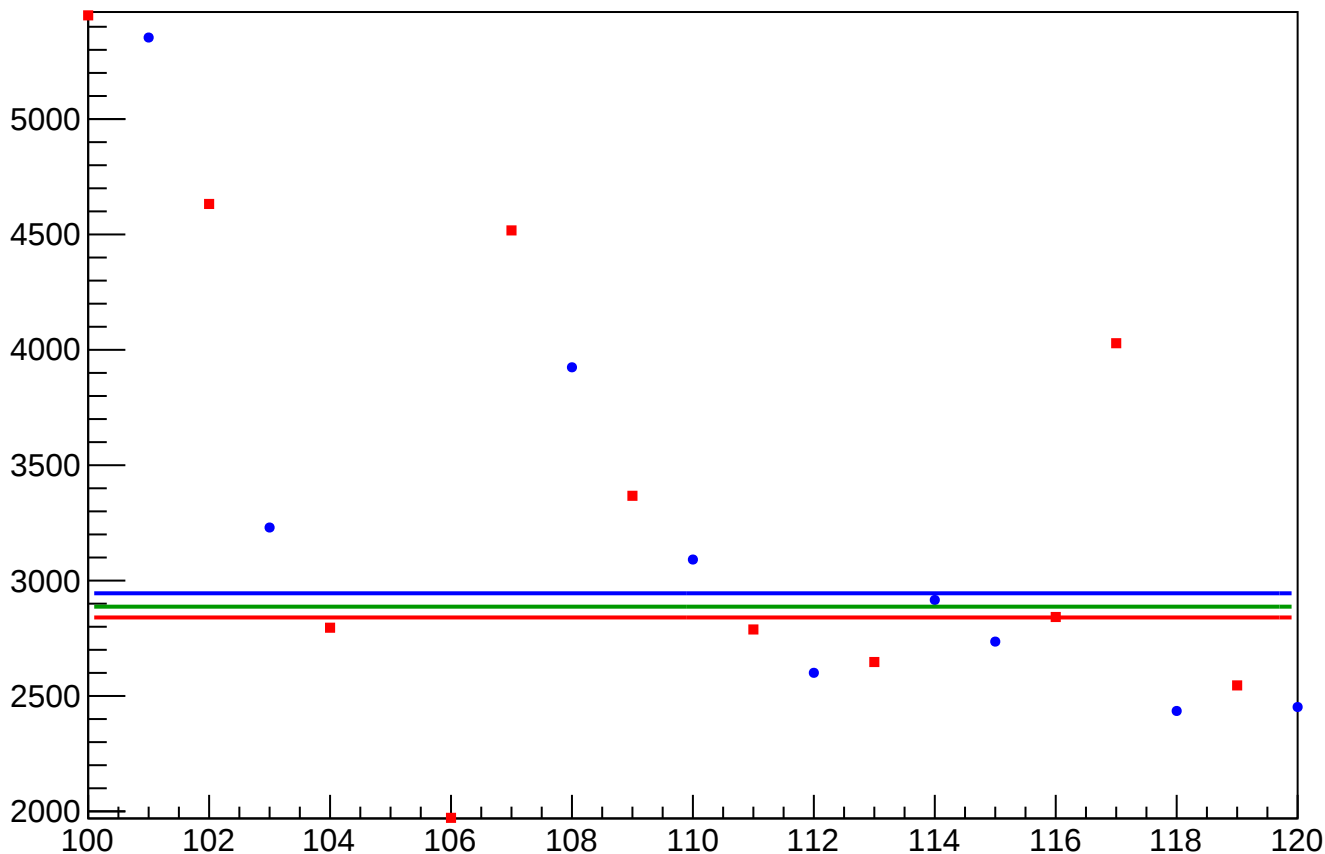
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-618.340+/-1648.739 χ^2/NDF : 9.4/8

-734.439+/-1101.753 χ^2/NDF : 23.9/19

-828.111+/-1480.958 χ^2/NDF : 14.4/10

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 2944.981+/-1.166 χ^2/NDF : 379363.0/8

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

Right Out: 2840.235+/-1.047 χ^2/NDF : 439098.8/10

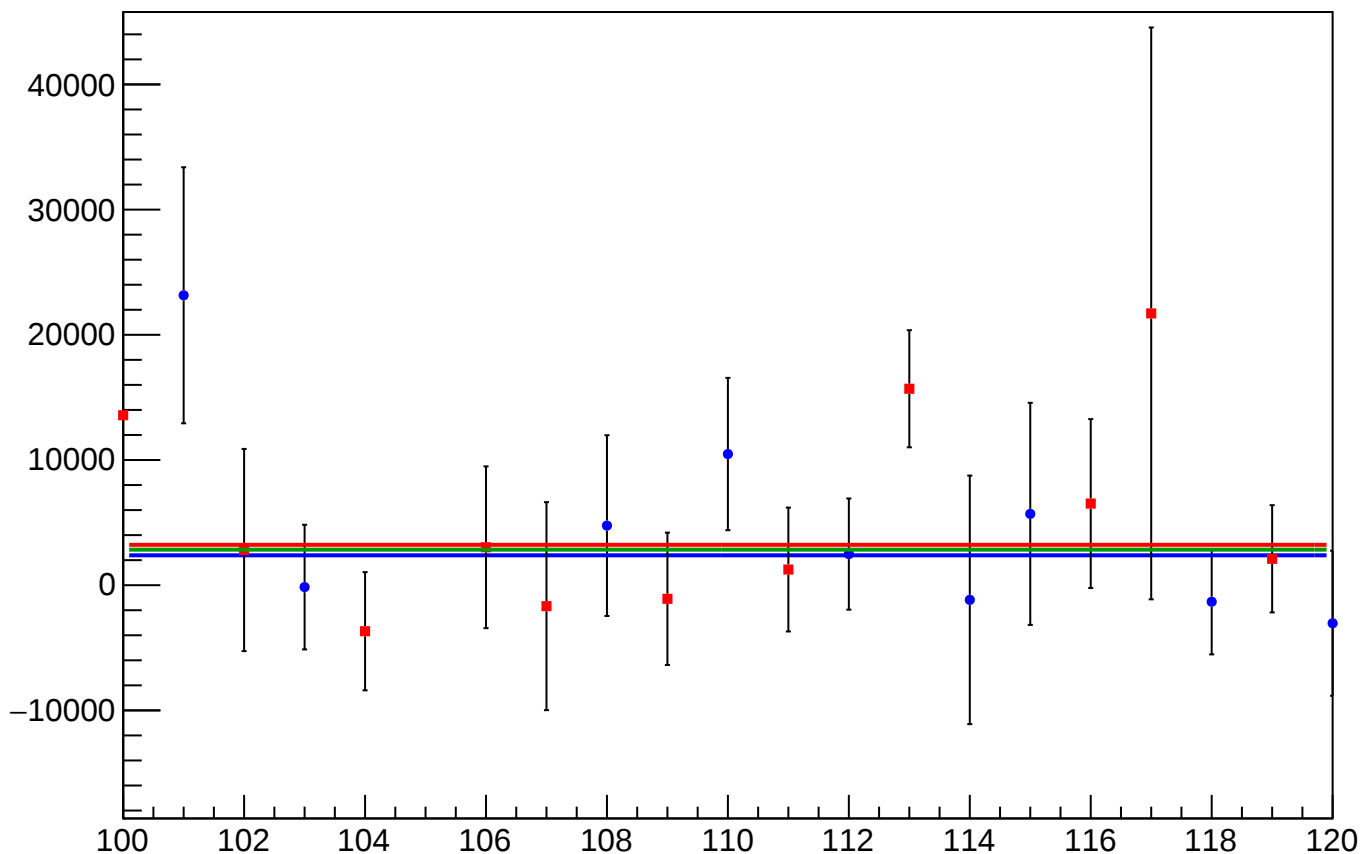
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2944.981+/-1.166 χ^2/NDF : 379363.0/8

2887.009+/-0.779 χ^2/NDF : 822929.5/19

2840.235+/-1.047 χ^2/NDF : 439098.8/10

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2387.700+/-1976.420 χ^2/NDF : 8.2/8

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

Right Out: 3225.623+/-1824.460 χ^2/NDF : 11.5/10

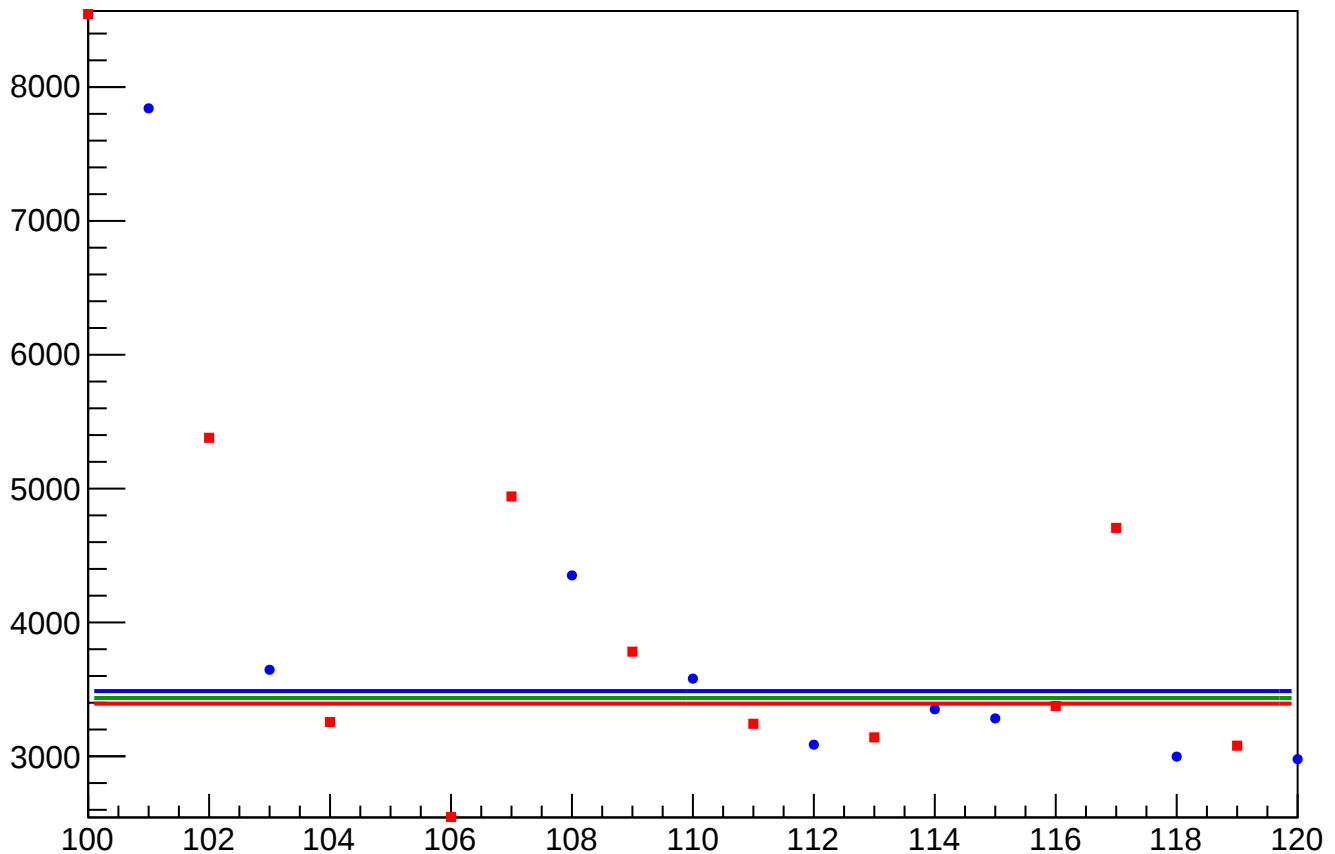
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2387.700+/-1976.420 χ^2/NDF : 8.2/8

2840.109+/-1340.595 χ^2/NDF : 19.8/19

3225.623+/-1824.460 χ^2/NDF : 11.5/10

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3487.363+/-1.398 χ^2/NDF : 454040.1/8

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

Right Out: 3393.477+/-1.259 χ^2/NDF : 334923.4/10

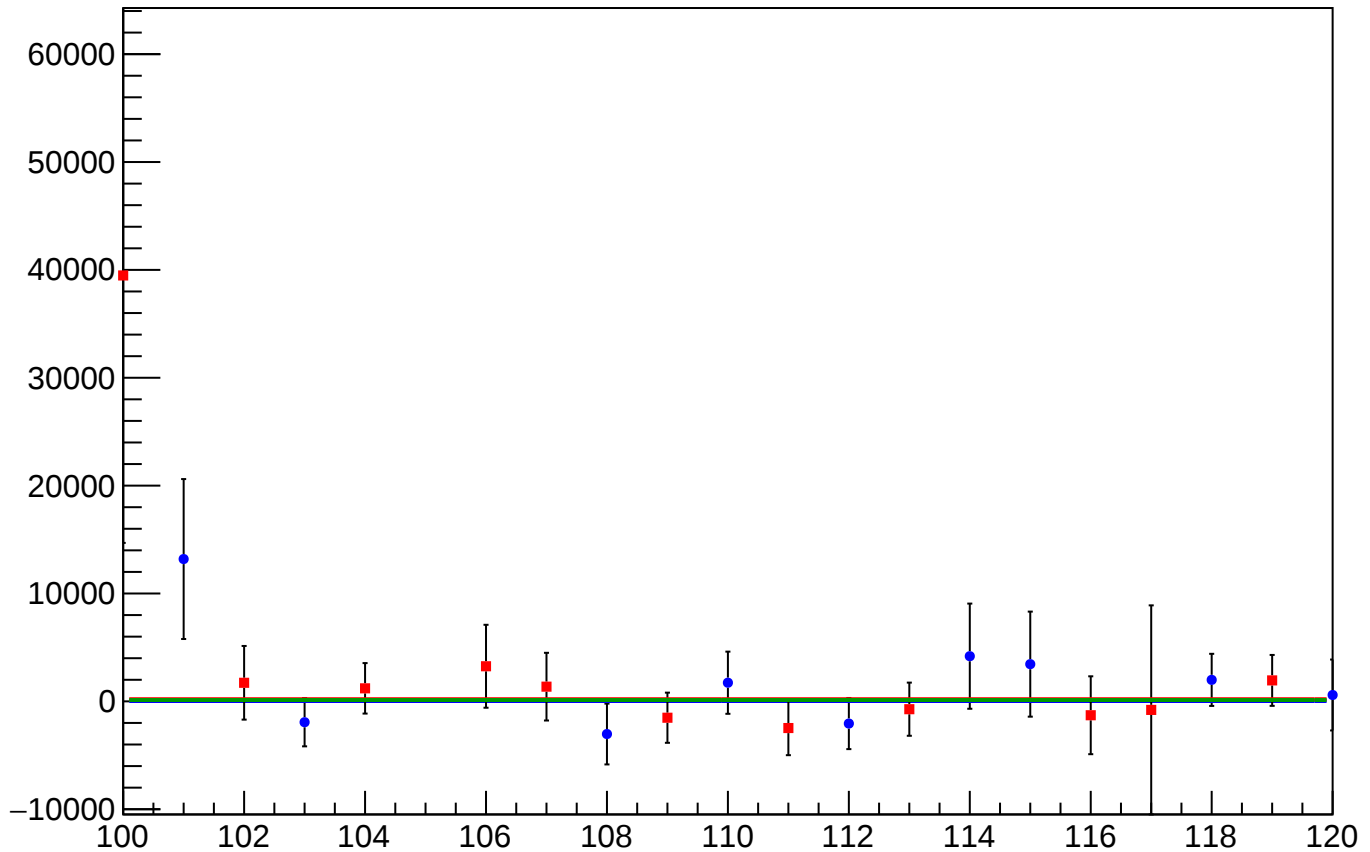
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3487.363+/-1.398 χ^2/NDF : 454040.1/8

3435.545+/-0.935 χ^2/NDF : 791454.4/19

3393.477+/-1.259 χ^2/NDF : 334923.4/10

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 33.715+/-1004.950 χ^2/NDF : 8.1/8

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

Right Out: 199.442+/-907.729 χ^2/NDF : 6.2/10

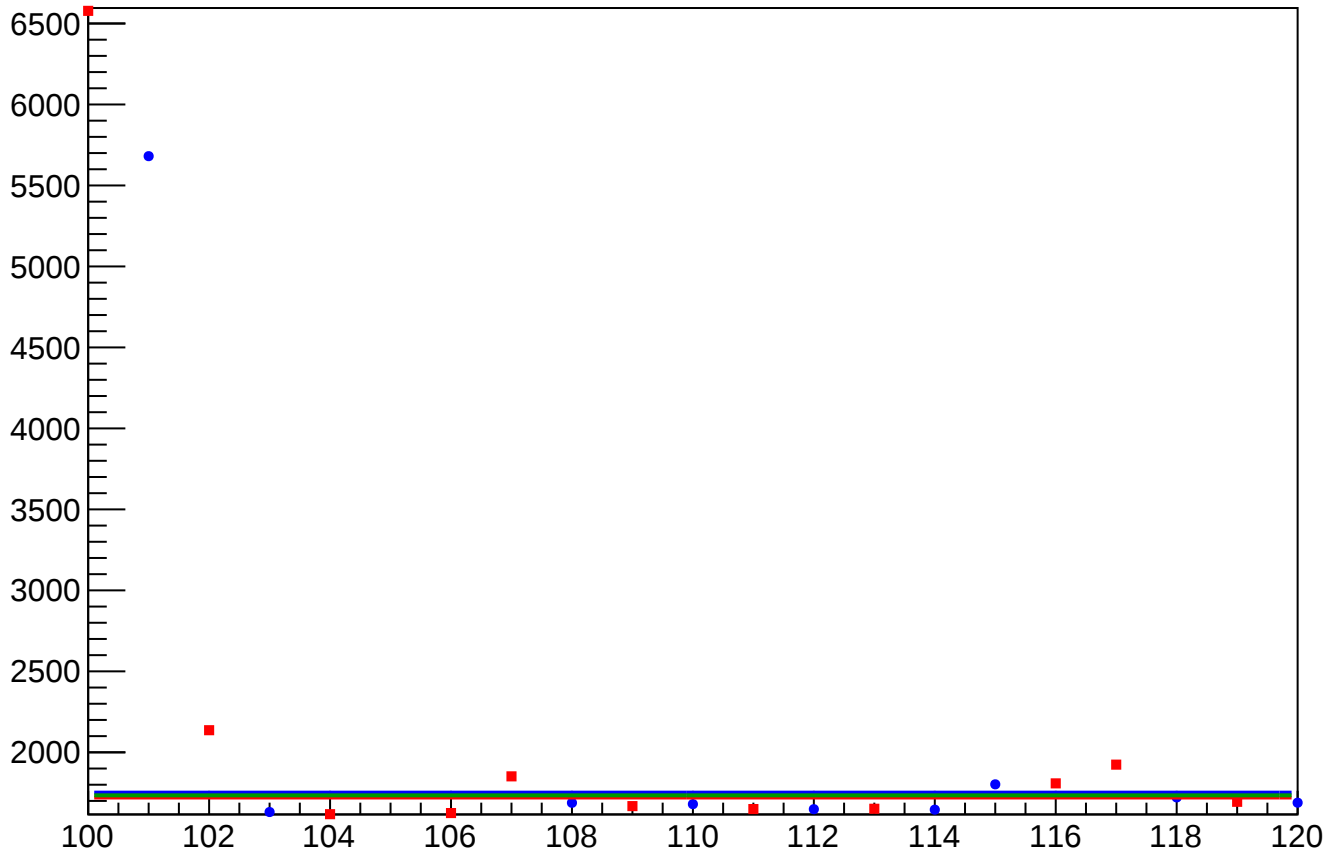
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.715+/-1004.950 χ^2/NDF : 8.1/8

124.981+/-673.617 χ^2/NDF : 14.3/19

199.442+/-907.729 χ^2/NDF : 6.2/10

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1751.036+/-0.711 χ^2 /NDF: 575727.2/8

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

Right Out: 1721.272+/-0.634 χ^2 /NDF: 122043.1/10

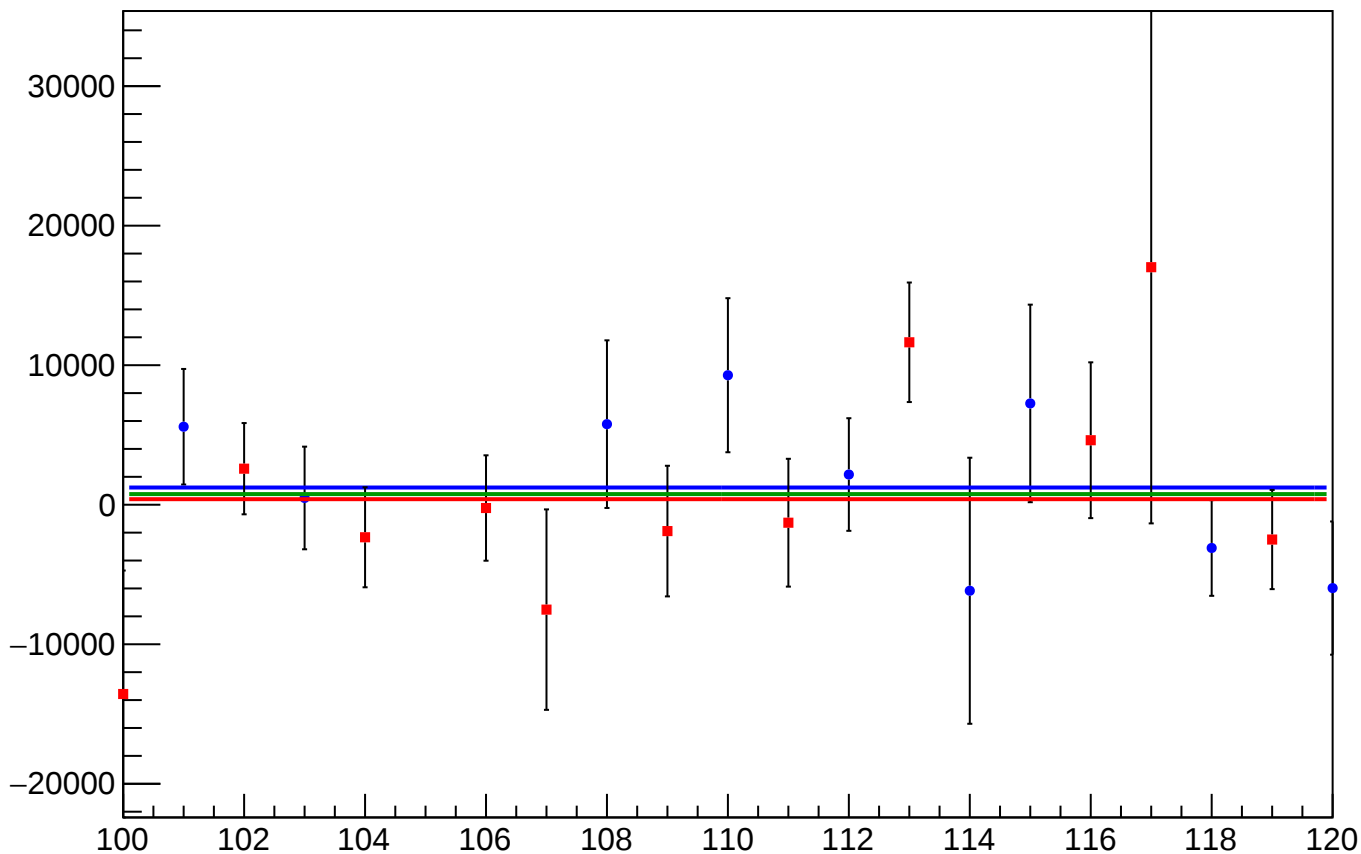
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

1751.036+/-0.711 χ^2 /NDF: 575727.2/8

1734.468+/-0.473 χ^2 /NDF: 698746.8/19

1721.272+/-0.634 χ^2 /NDF: 122043.1/10

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1233.542+/-1554.172 χ^2/NDF : 9.1/8

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

Right Out: 397.393+/-1366.409 χ^2/NDF : 14.1/10

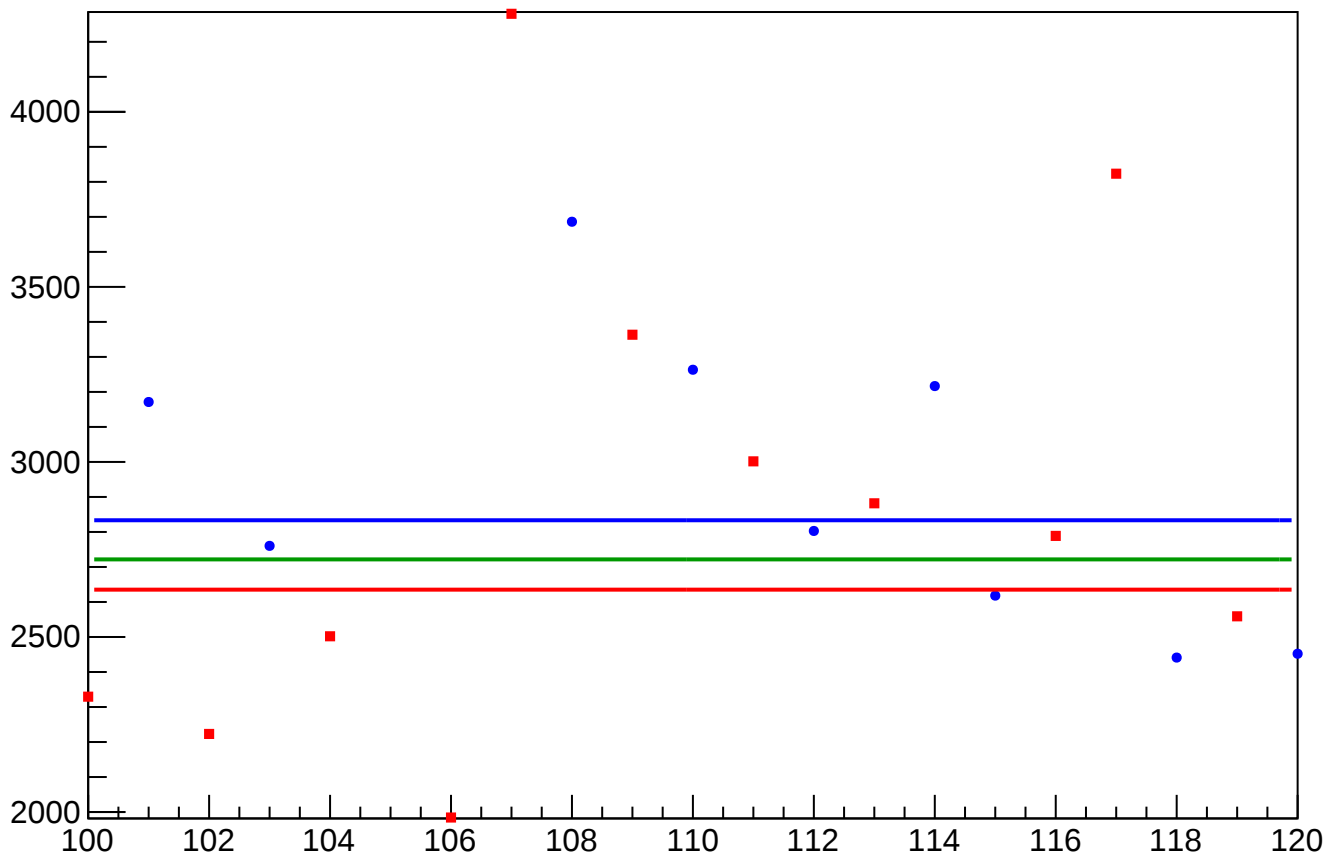
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1233.542+/-1554.172 χ^2/NDF : 9.1/8

761.933+/-1026.195 χ^2/NDF : 23.3/19

397.393+/-1366.409 χ^2/NDF : 14.1/10

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 2833.429+/-1.099 χ^2/NDF : 110639.0/8

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

Right Out: 2635.214+/-0.966 χ^2/NDF : 279821.7/10

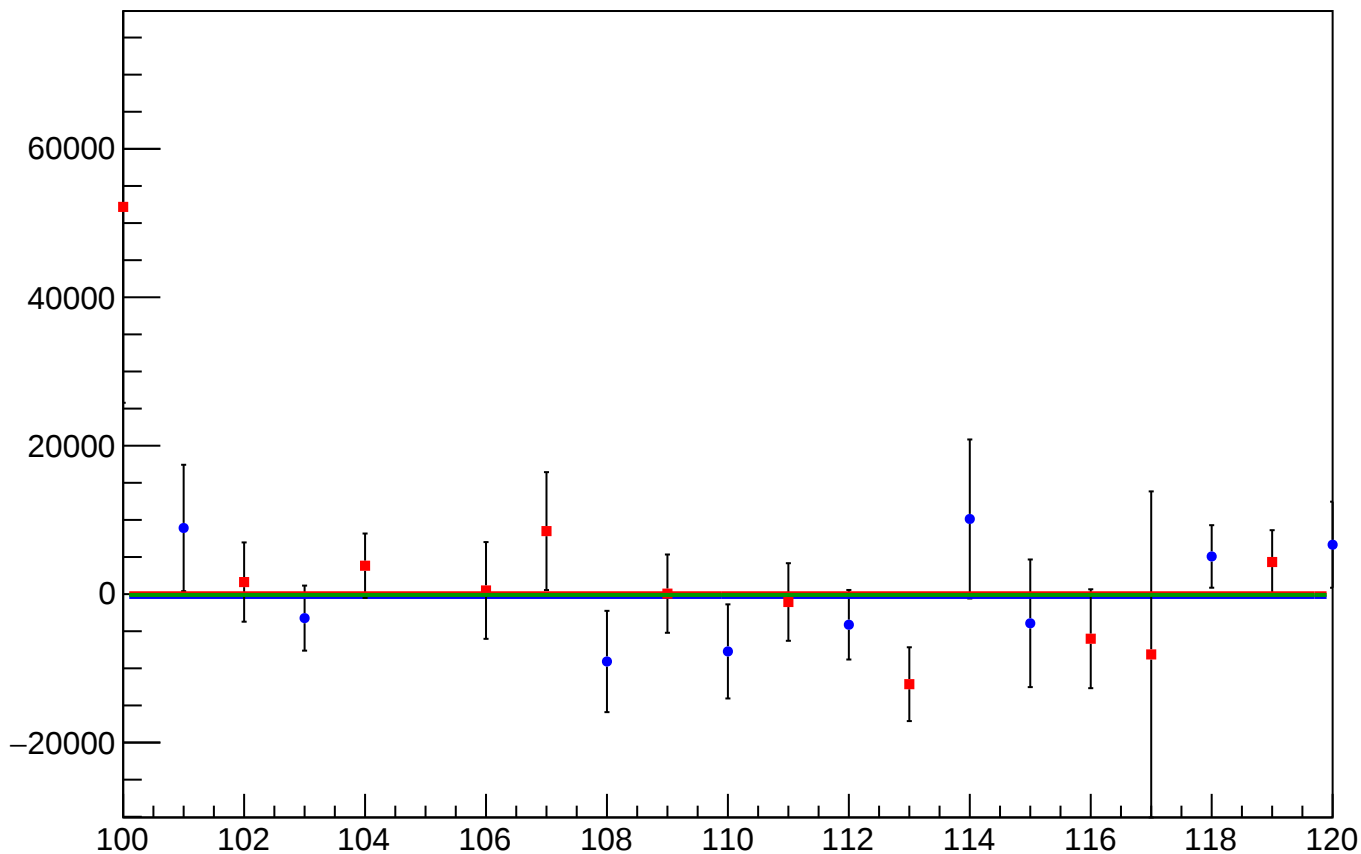
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2833.429+/-1.099 χ^2/NDF : 110639.0/8

2721.631+/-0.726 χ^2/NDF : 408809.4/19

2635.214+/-0.966 χ^2/NDF : 279821.7/10

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -380.869+/-1938.799 χ^2/NDF : 9.5/8

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

Right Out: 116.290+/-1765.260 χ^2/NDF : 13.9/10

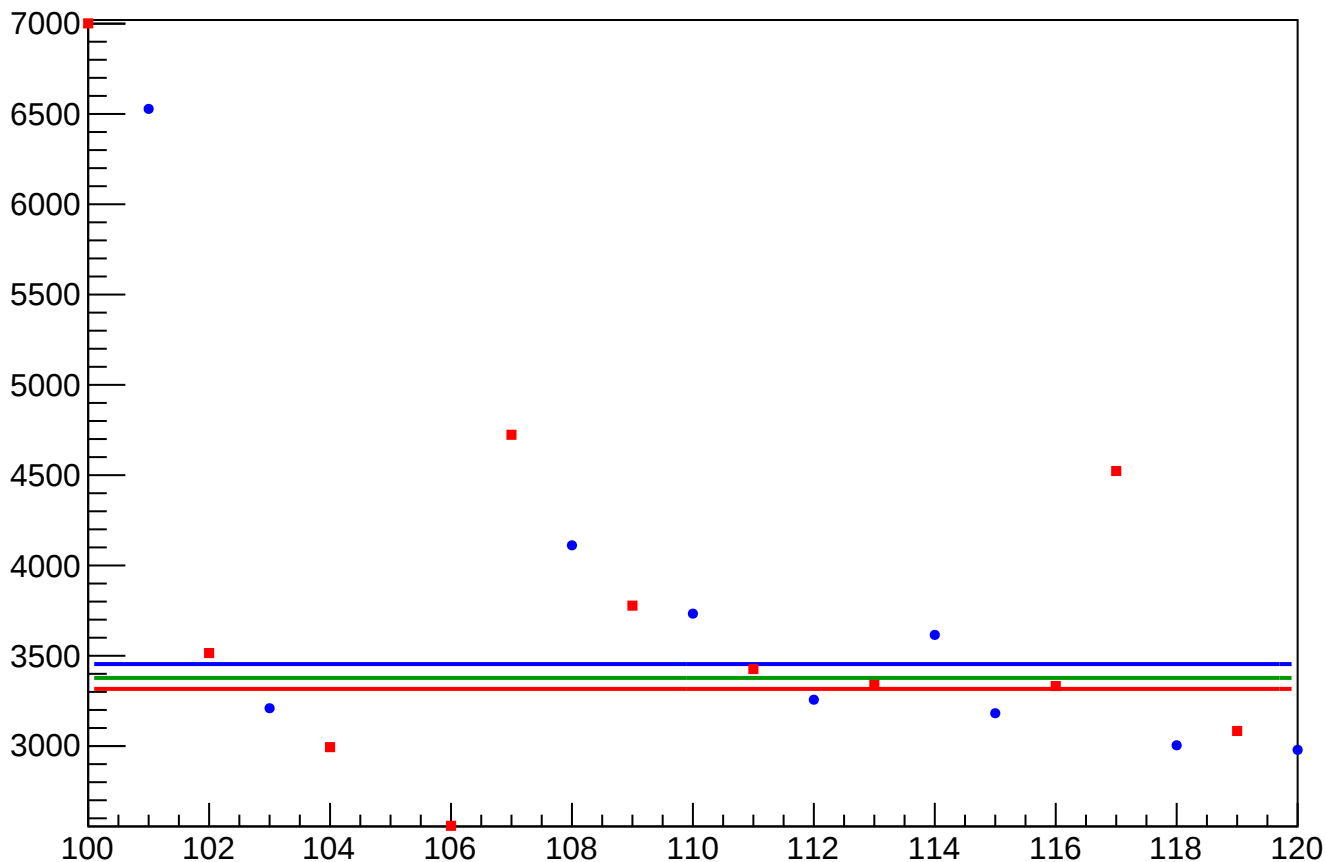
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-380.869+/-1938.799 χ^2/NDF : 9.5/8

-109.048+/-1305.277 χ^2/NDF : 23.4/19

116.290+/-1765.260 χ^2/NDF : 13.9/10

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3454.072+/-1.371 χ^2/NDF : 331468.3/8

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

Right Out: 3316.639+/-1.220 χ^2/NDF : 187870.7/10

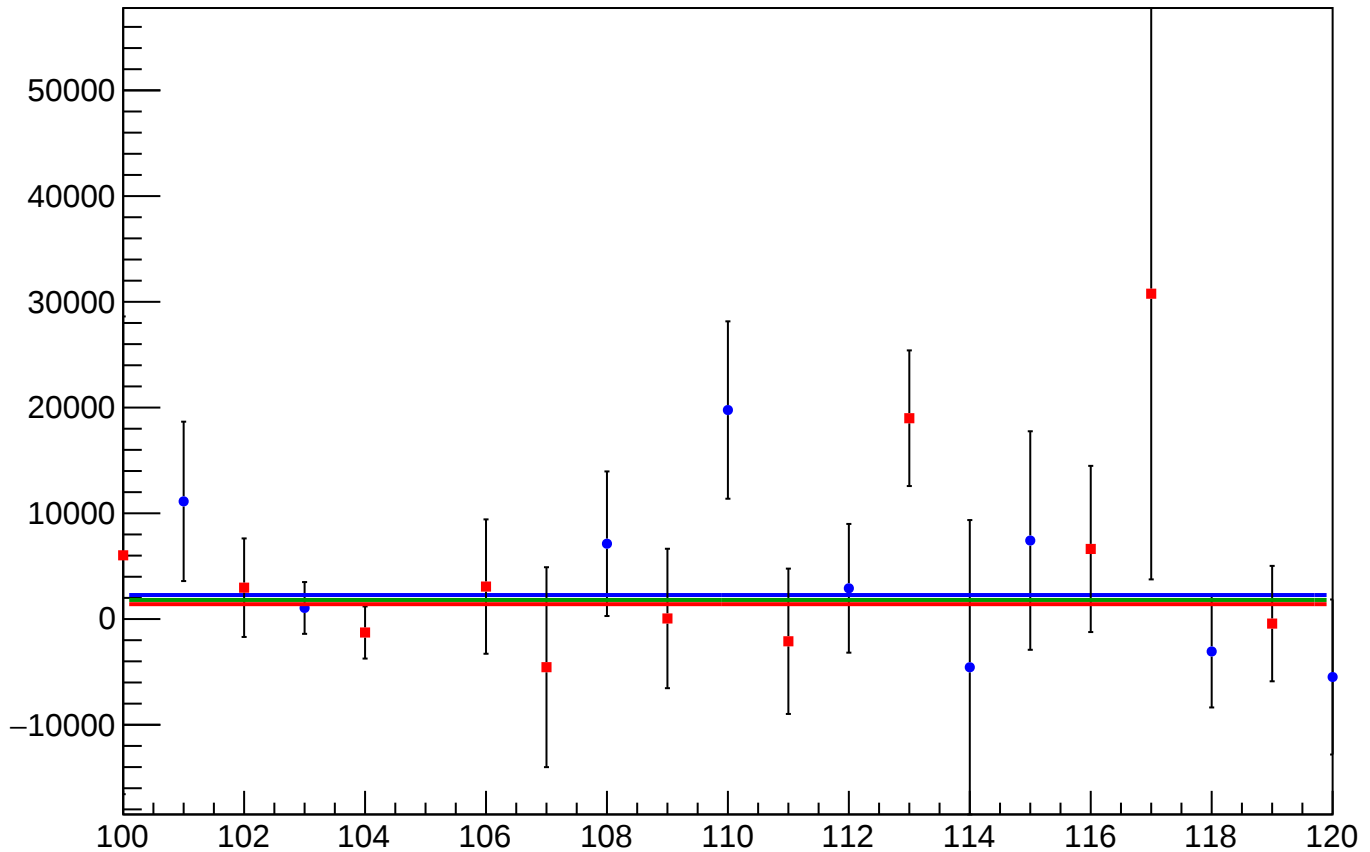
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3454.072+/-1.371 χ^2/NDF : 331468.3/8

3377.386+/-0.911 χ^2/NDF : 524946.7/19

3316.639+/-1.220 χ^2/NDF : 187870.7/10

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2271.853+/-1779.554 χ^2/NDF : 9.1/8

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

Right Out: 1406.124+/-1648.202 χ^2/NDF : 11.4/10

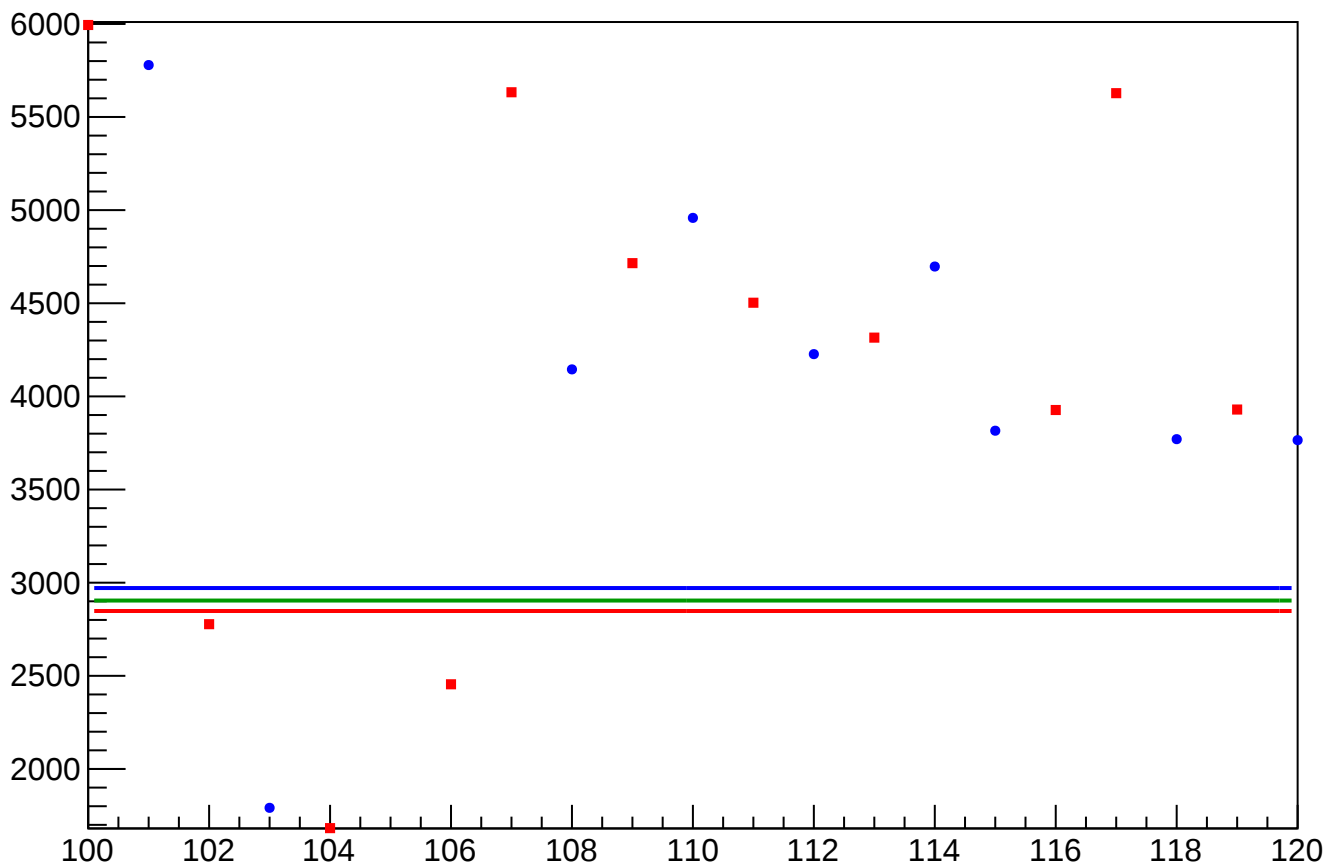
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2271.853+/-1779.554 χ^2/NDF : 9.1/8

1805.862+/-1209.228 χ^2/NDF : 20.6/19

1406.124+/-1648.202 χ^2/NDF : 11.4/10

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2971.259+/-1.258 χ^2/NDF : 1111316.7/8

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

Right Out: 2847.991+/-1.150 χ^2/NDF : 1189007.8/10

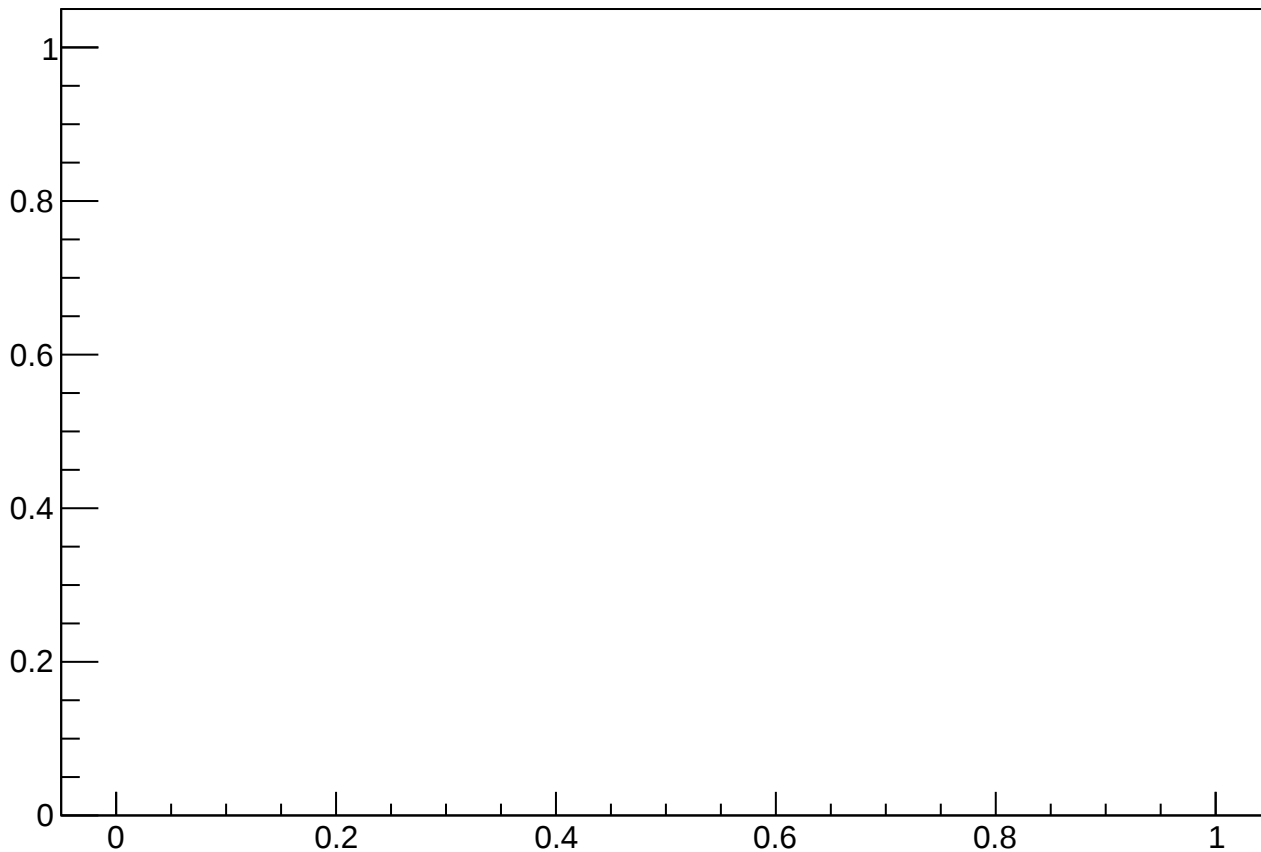
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2971.259+/-1.258 χ^2/NDF : 1111316.7/8

2904.114+/-0.849 χ^2/NDF : 2305552.1/19

2847.991+/-1.150 χ^2/NDF : 1189007.8/10

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

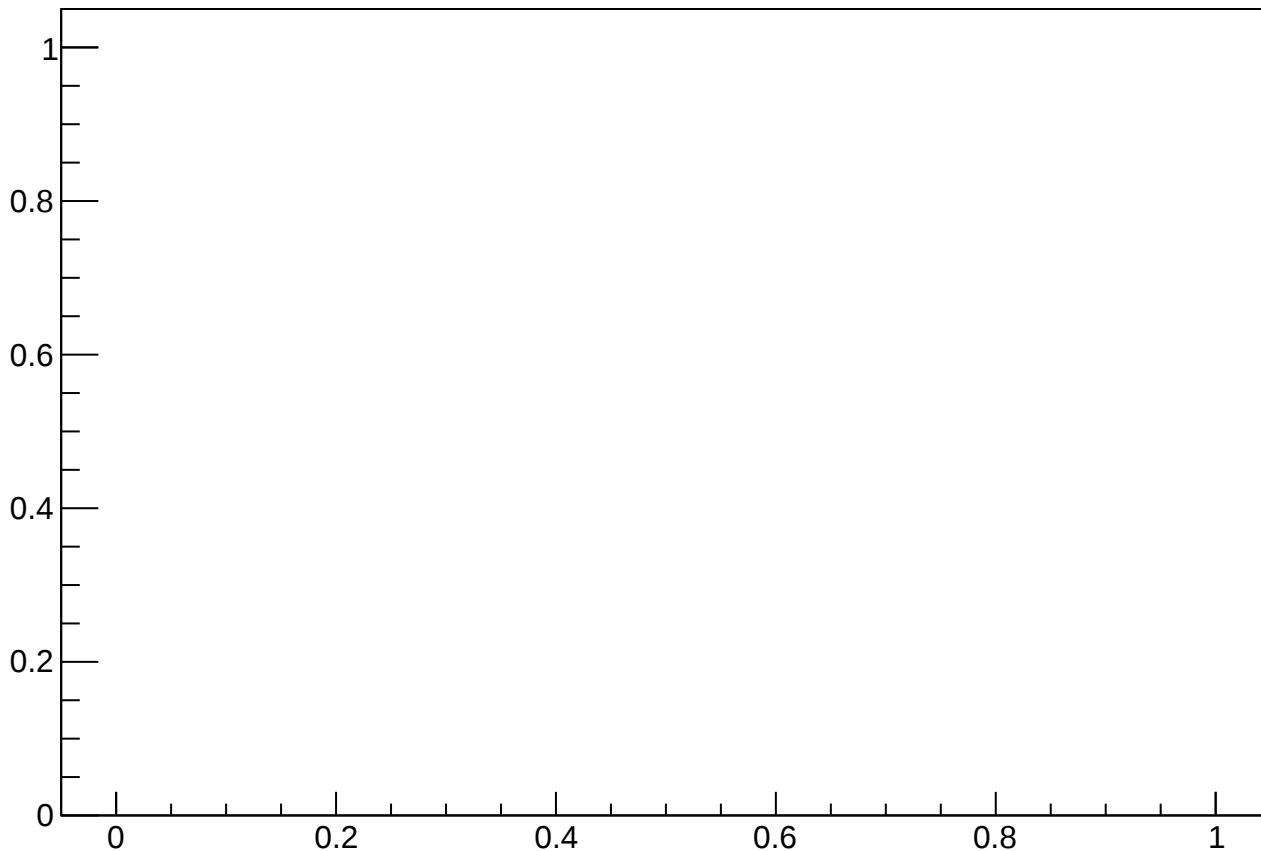
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

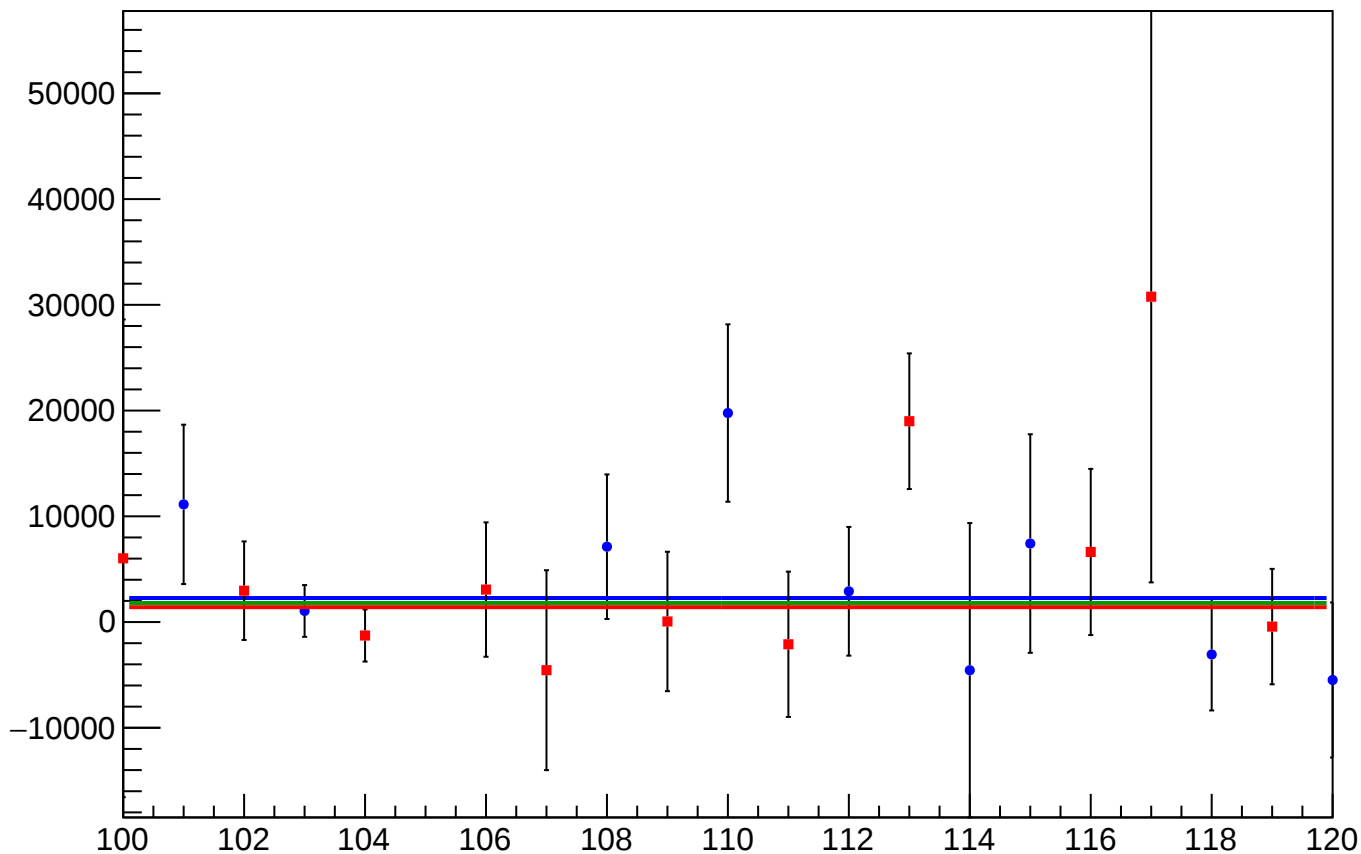
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2271.853+/-1779.554 χ^2/NDF : 9.1/8

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

Right Out: 1406.124+/-1648.202 χ^2/NDF : 11.4/10

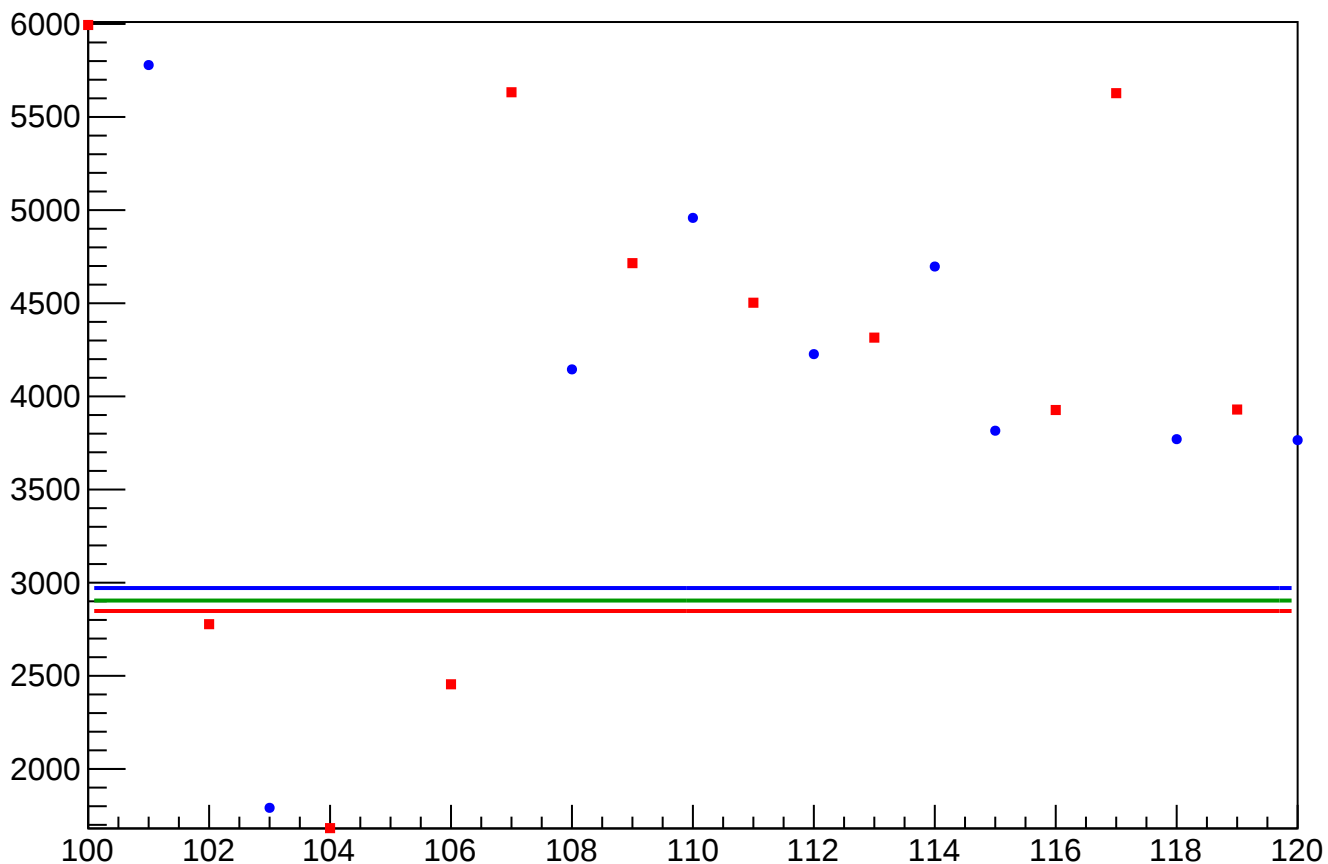
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2271.853+/-1779.554 χ^2/NDF : 9.1/8

1805.862+/-1209.228 χ^2/NDF : 20.6/19

1406.124+/-1648.202 χ^2/NDF : 11.4/10

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2971.259+/-1.258 χ^2/NDF : 1111316.7/8

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

Right Out: 2847.991+/-1.150 χ^2/NDF : 1189007.8/10

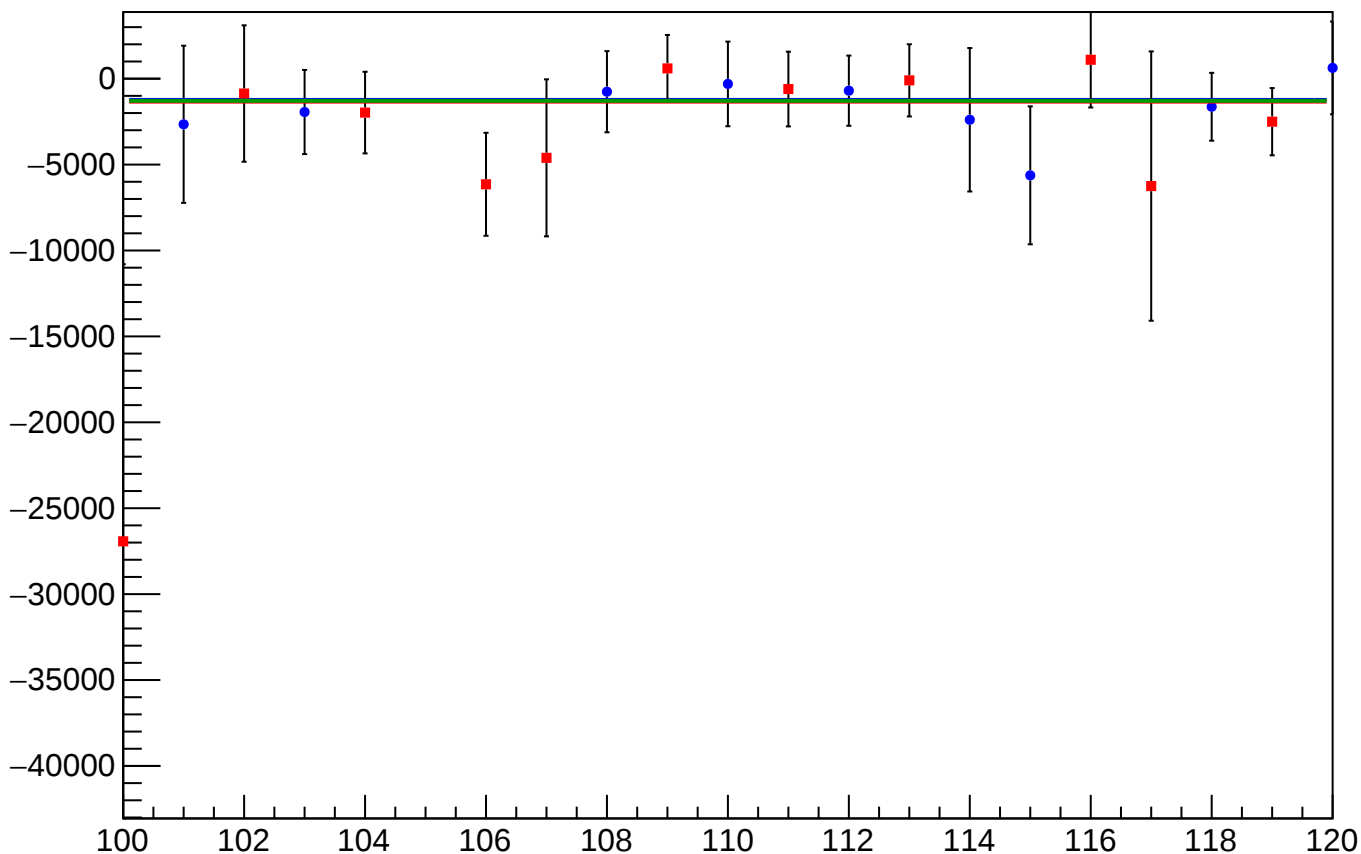
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2971.259+/-1.258 χ^2/NDF : 1111316.7/8

2904.114+/-0.849 χ^2/NDF : 2305552.1/19

2847.991+/-1.150 χ^2/NDF : 1189007.8/10

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1237.583+/-873.240 χ^2/NDF : 2.2/8

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

Right Out: -1334.019+/-813.124 χ^2/NDF : 8.7/10

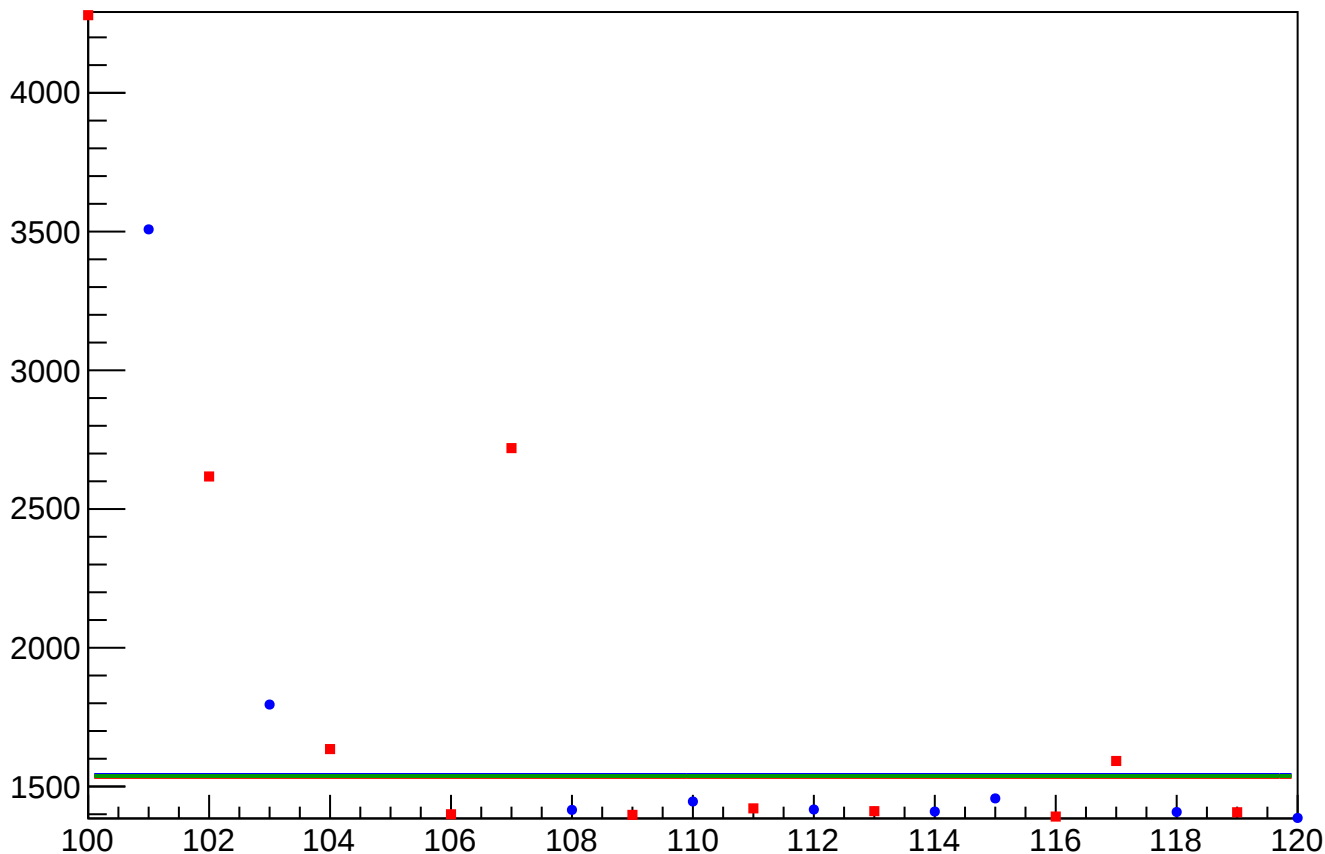
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1237.583+/-873.240 χ^2/NDF : 2.2/8

-1289.234+/-595.084 χ^2/NDF : 10.9/19

-1334.019+/-813.124 χ^2/NDF : 8.7/10

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1541.425+/-0.617 χ^2/NDF : 425687.9/8

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

Right Out: 1534.488+/-0.575 χ^2/NDF : 384924.4/10

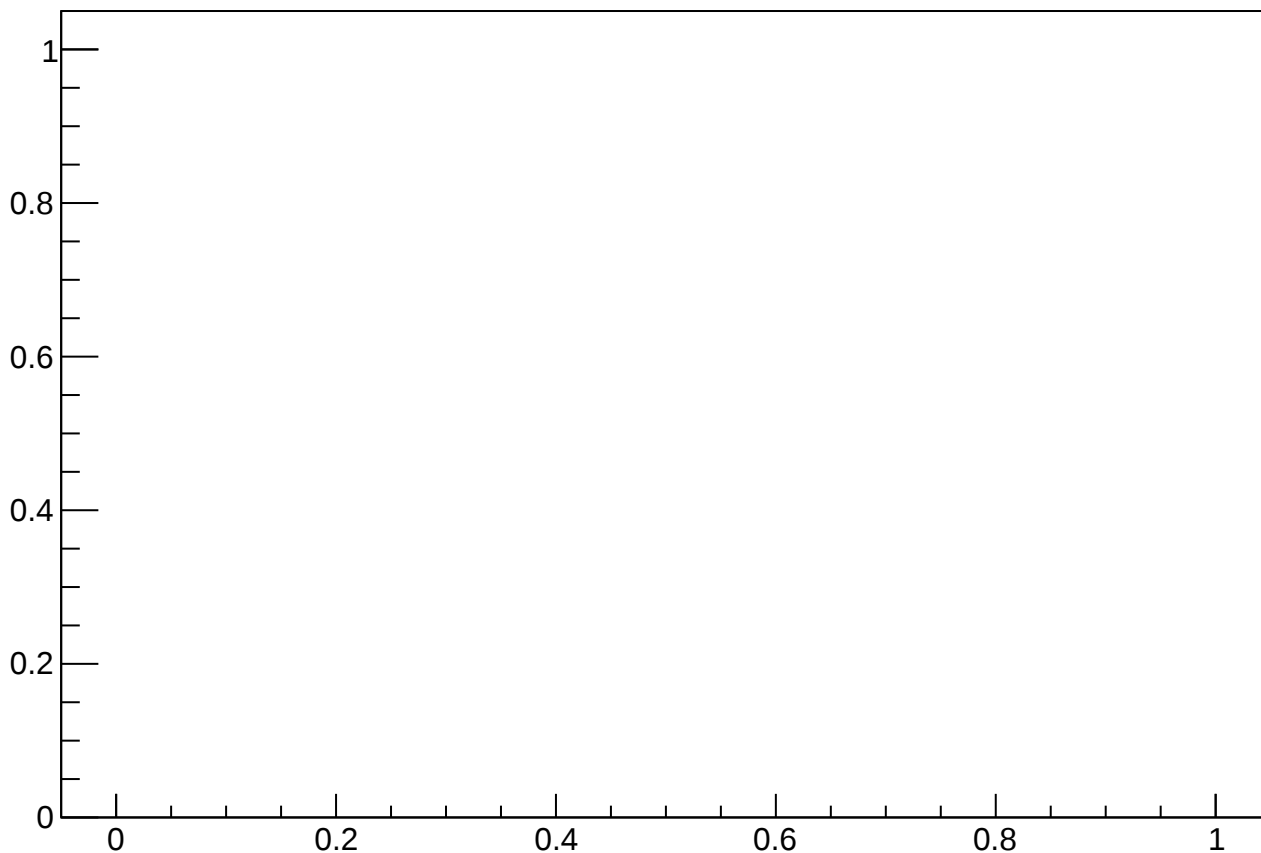
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1541.425+/-0.617 χ^2/NDF : 425687.9/8

1537.709+/-0.421 χ^2/NDF : 810679.9/19

1534.488+/-0.575 χ^2/NDF : 384924.4/10

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

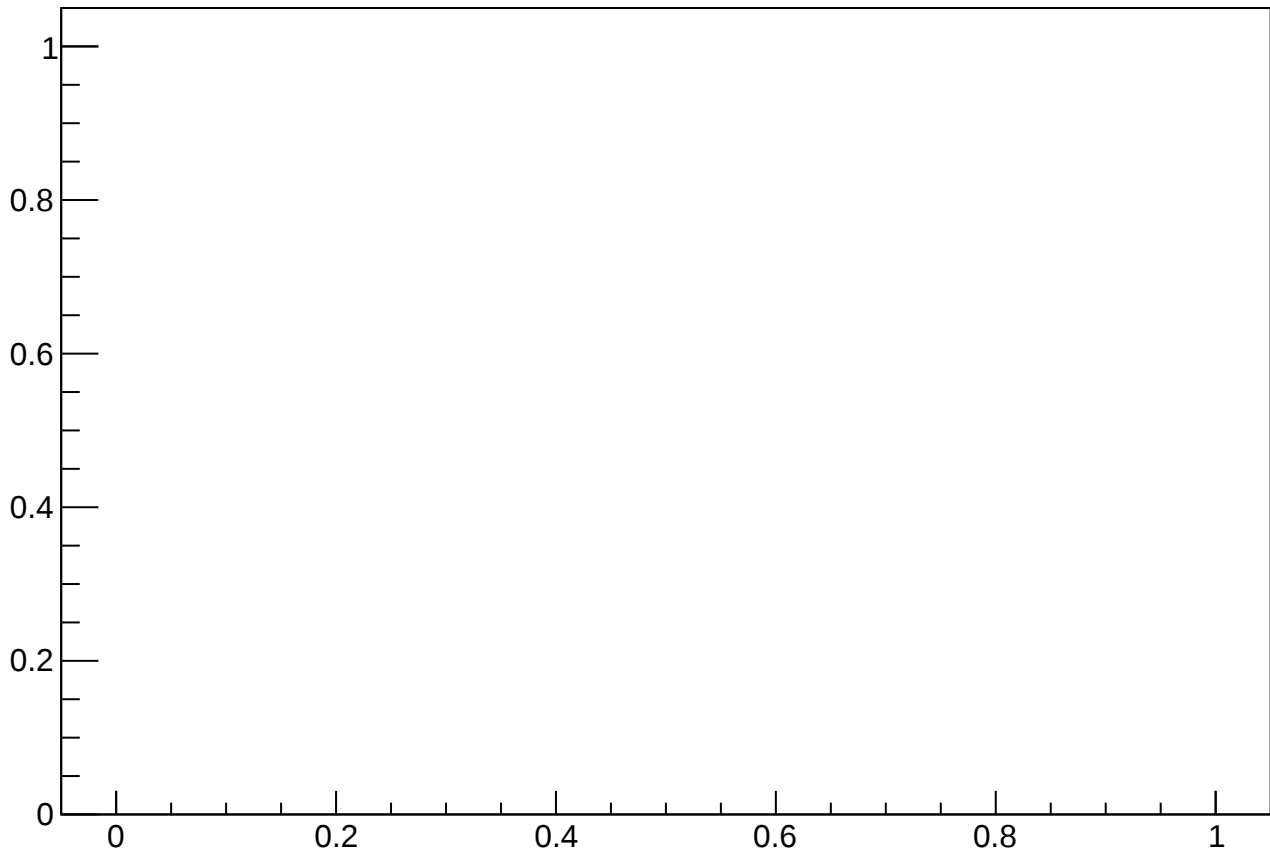
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

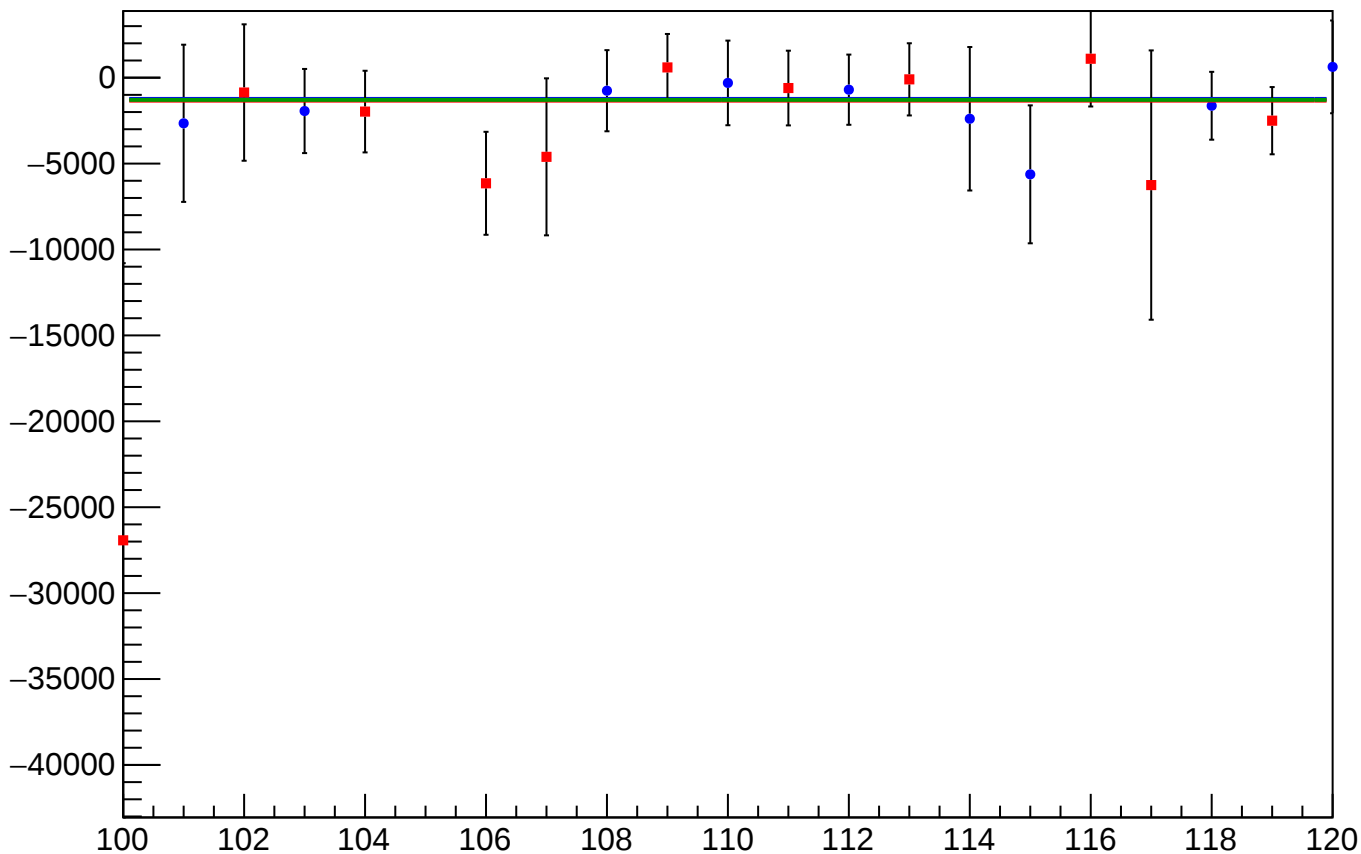
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1237.583+/-873.240 χ^2/NDF : 2.2/8

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

Right Out: -1334.019+/-813.124 χ^2/NDF : 8.7/10

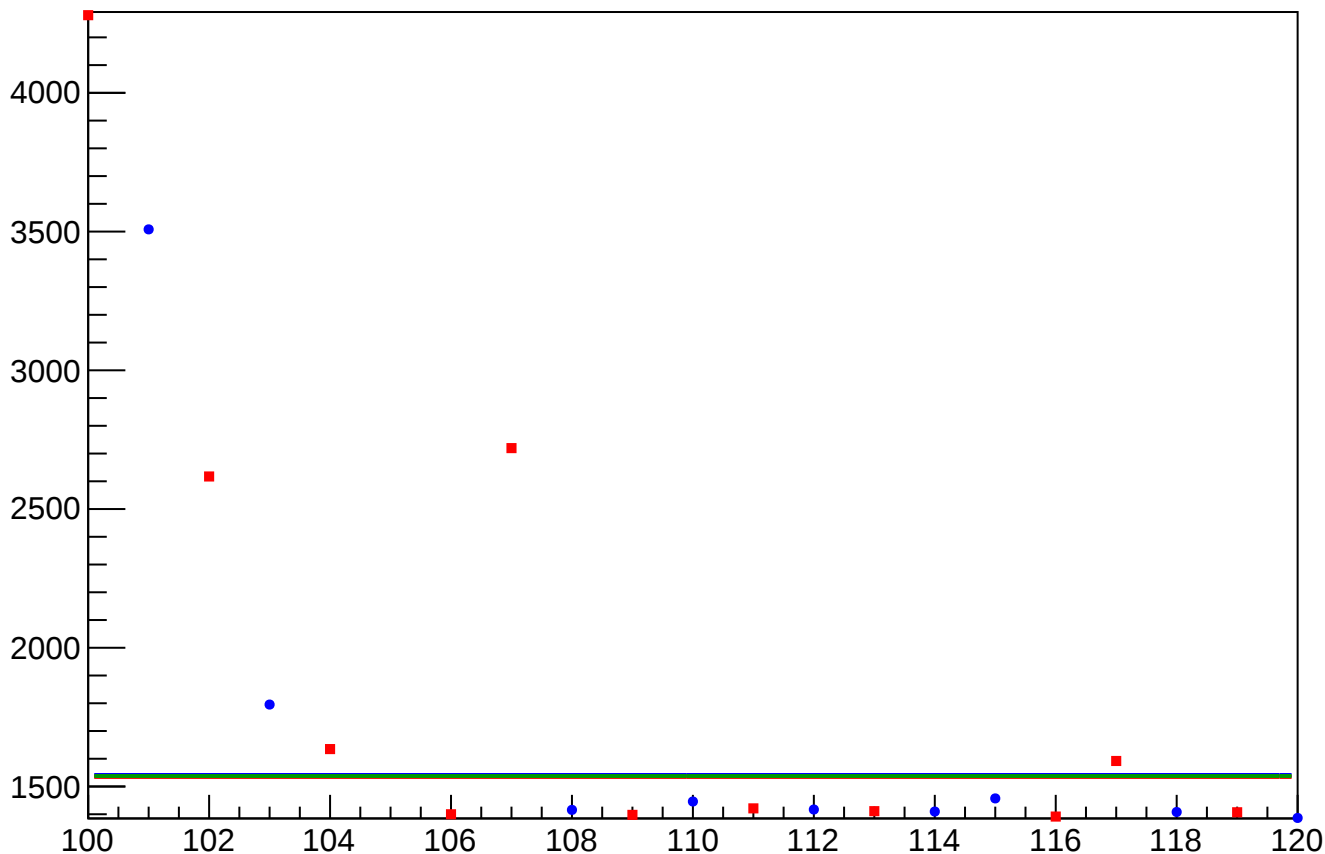
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1237.583+/-873.240 χ^2/NDF : 2.2/8

-1289.234+/-595.084 χ^2/NDF : 10.9/19

-1334.019+/-813.124 χ^2/NDF : 8.7/10

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1541.425+/-0.617 χ^2/NDF : 425687.9/8

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

Right Out: 1534.488+/-0.575 χ^2/NDF : 384924.4/10

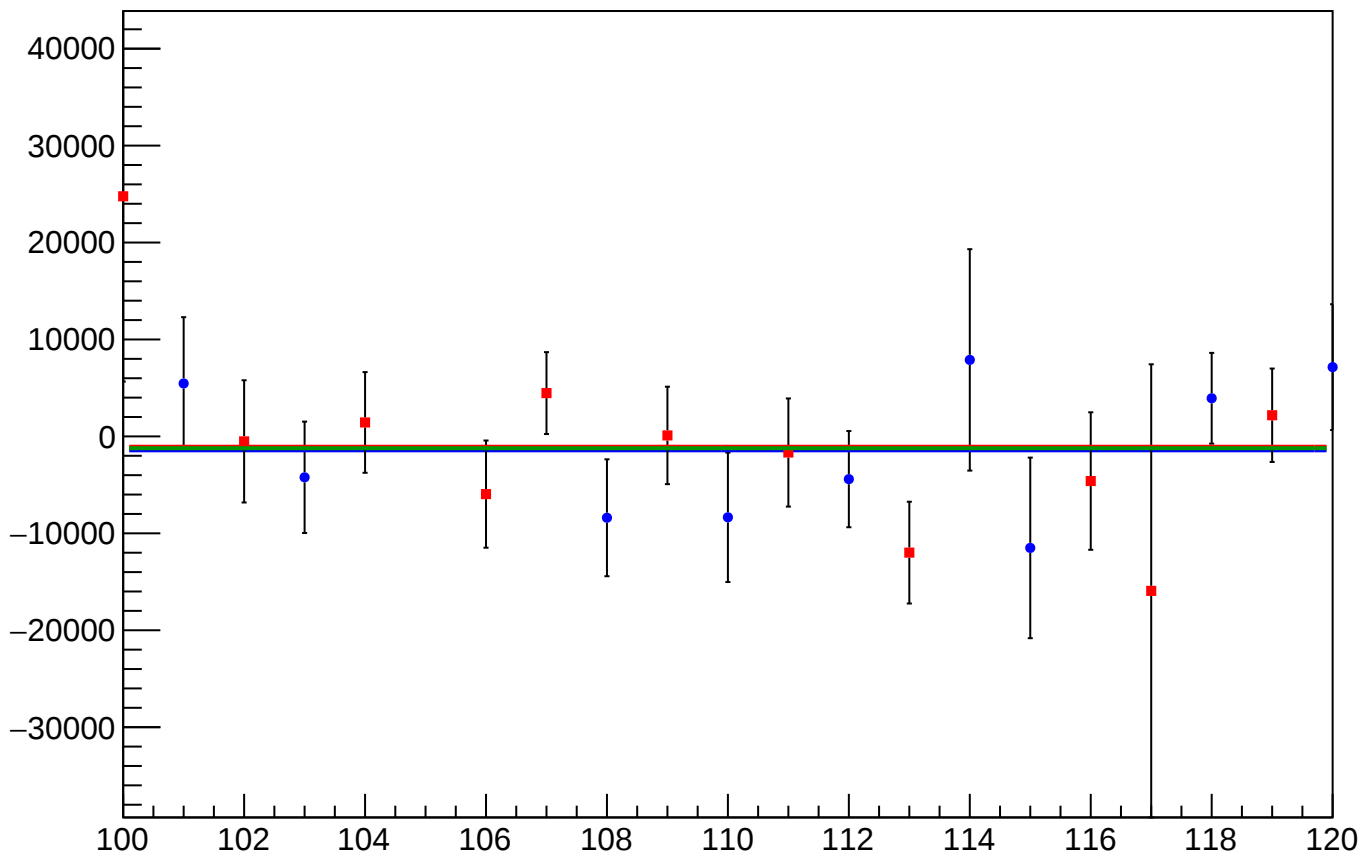
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1541.425+/-0.617 χ^2/NDF : 425687.9/8

1537.709+/-0.421 χ^2/NDF : 810679.9/19

1534.488+/-0.575 χ^2/NDF : 384924.4/10

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1434.883+/-2081.837 χ^2/NDF : 8.9/8

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

Right Out: -1064.558+/-1750.101 χ^2/NDF : 10.1/10

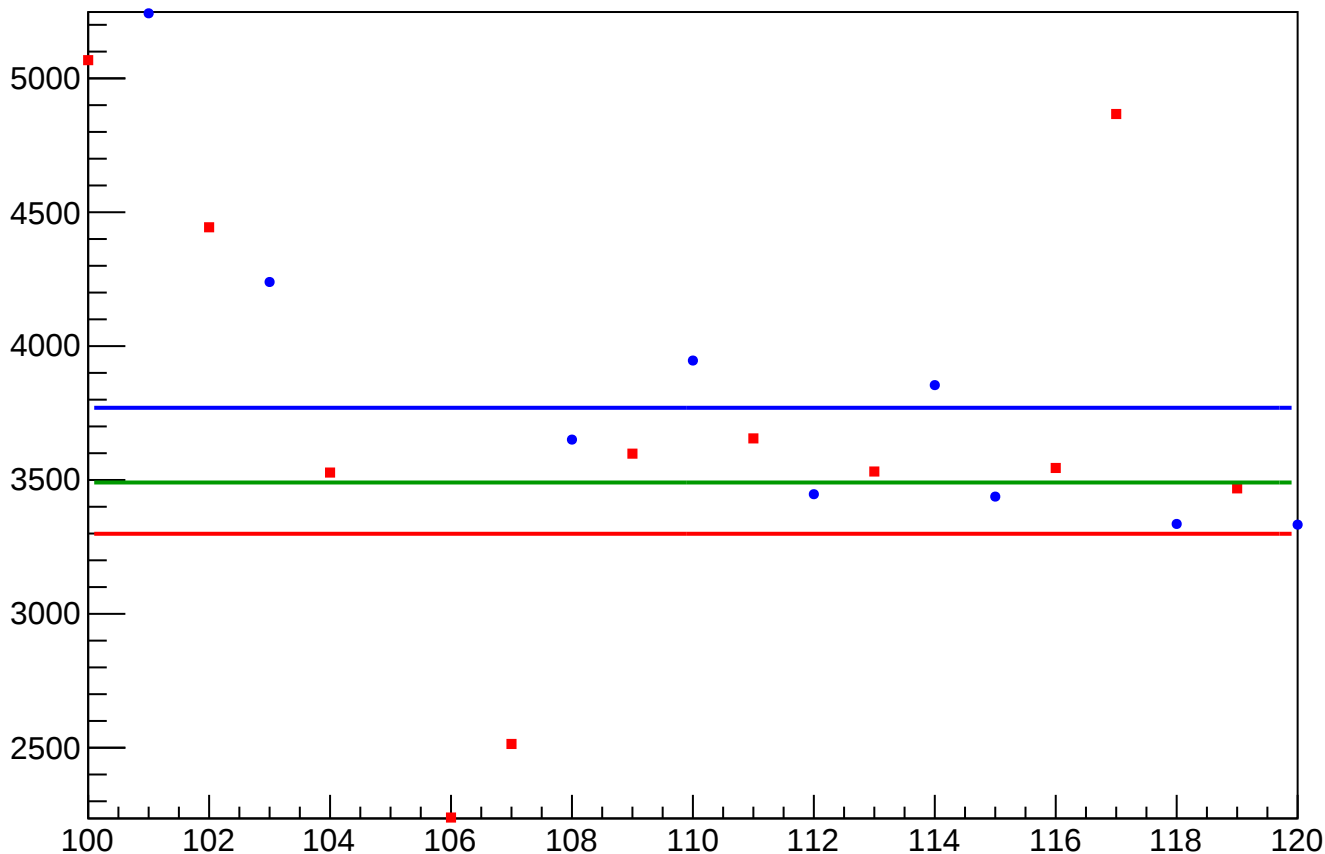
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1434.883+/-2081.837 χ^2/NDF : 8.9/8

-1217.899+/-1339.630 χ^2/NDF : 19.0/19

-1064.558+/-1750.101 χ^2/NDF : 10.1/10

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3769.665+/-1.472 χ^2/NDF : 145699.9/8

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

Right Out: 3299.094+/-1.220 χ^2/NDF : 284278.8/10

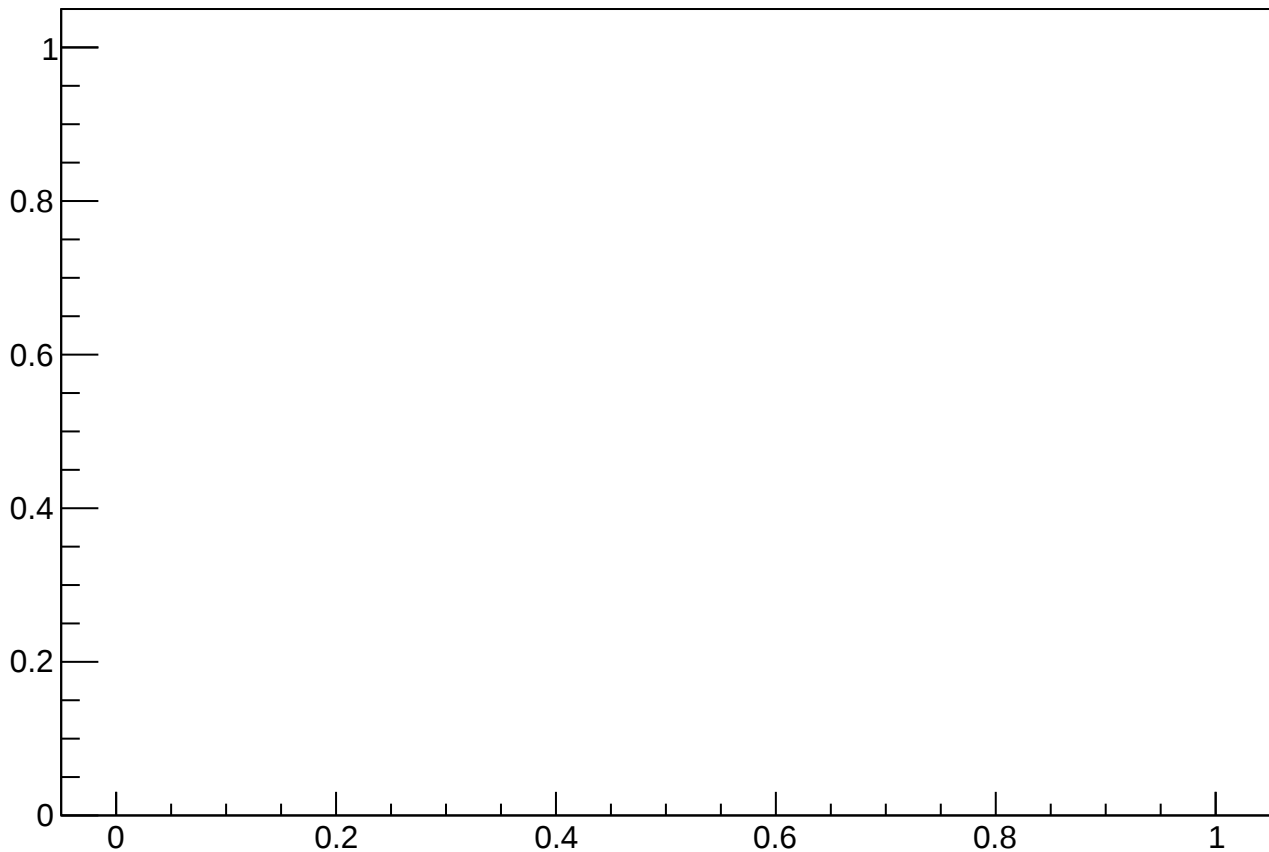
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3769.665+/-1.472 χ^2/NDF : 145699.9/8

3490.625+/-0.939 χ^2/NDF : 490578.6/19

3299.094+/-1.220 χ^2/NDF : 284278.8/10

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

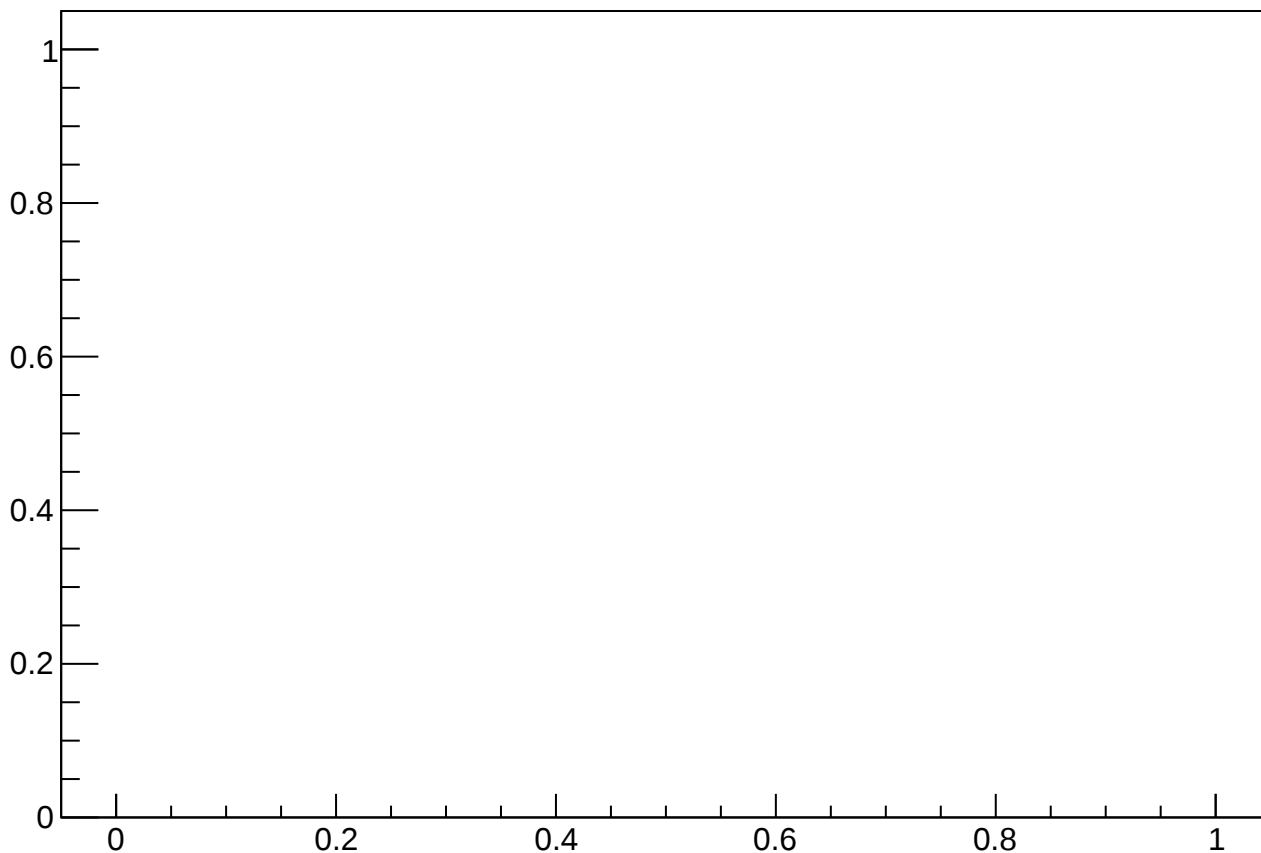
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

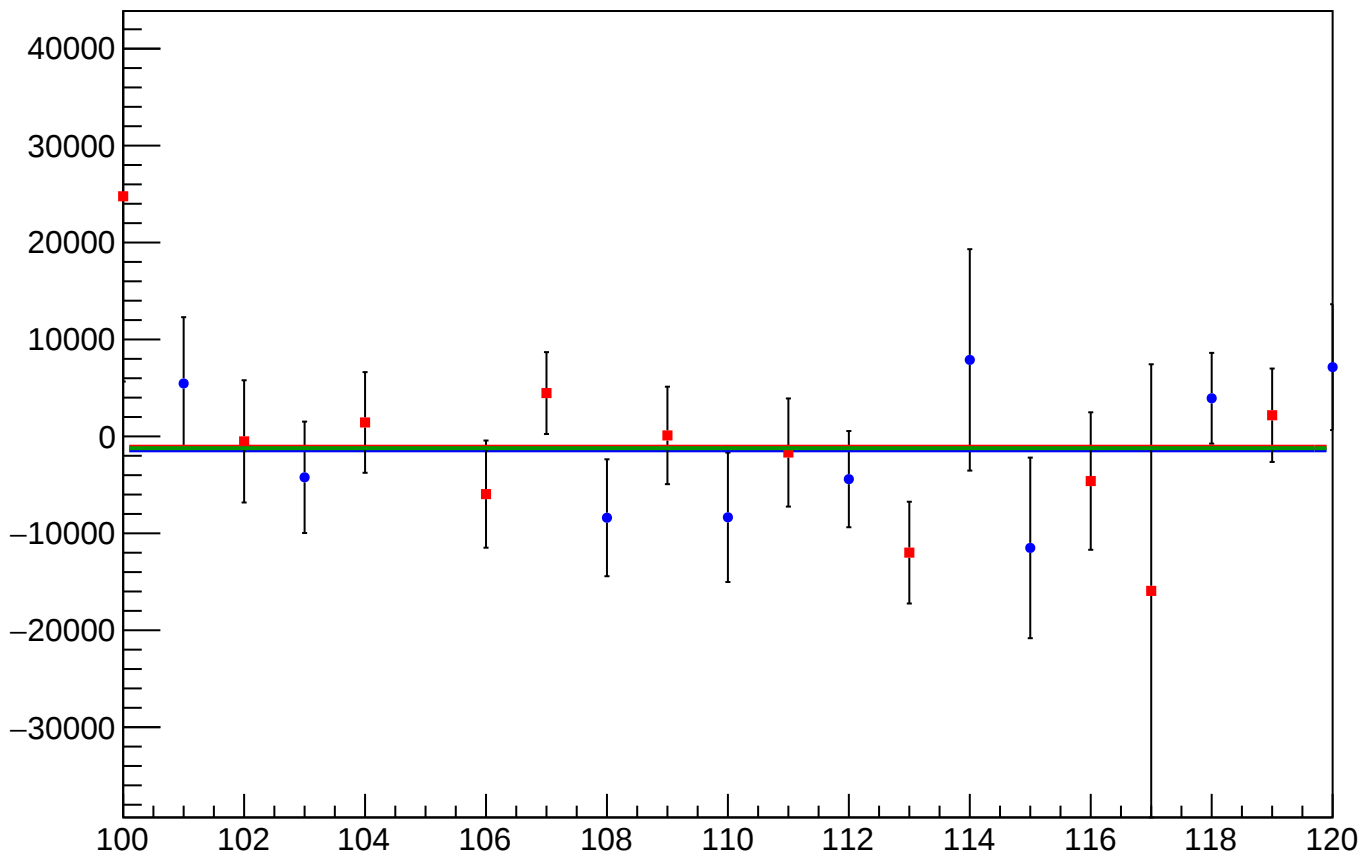
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1434.883+/-2081.837 χ^2/NDF : 8.9/8

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

Right Out: -1064.558+/-1750.101 χ^2/NDF : 10.1/10

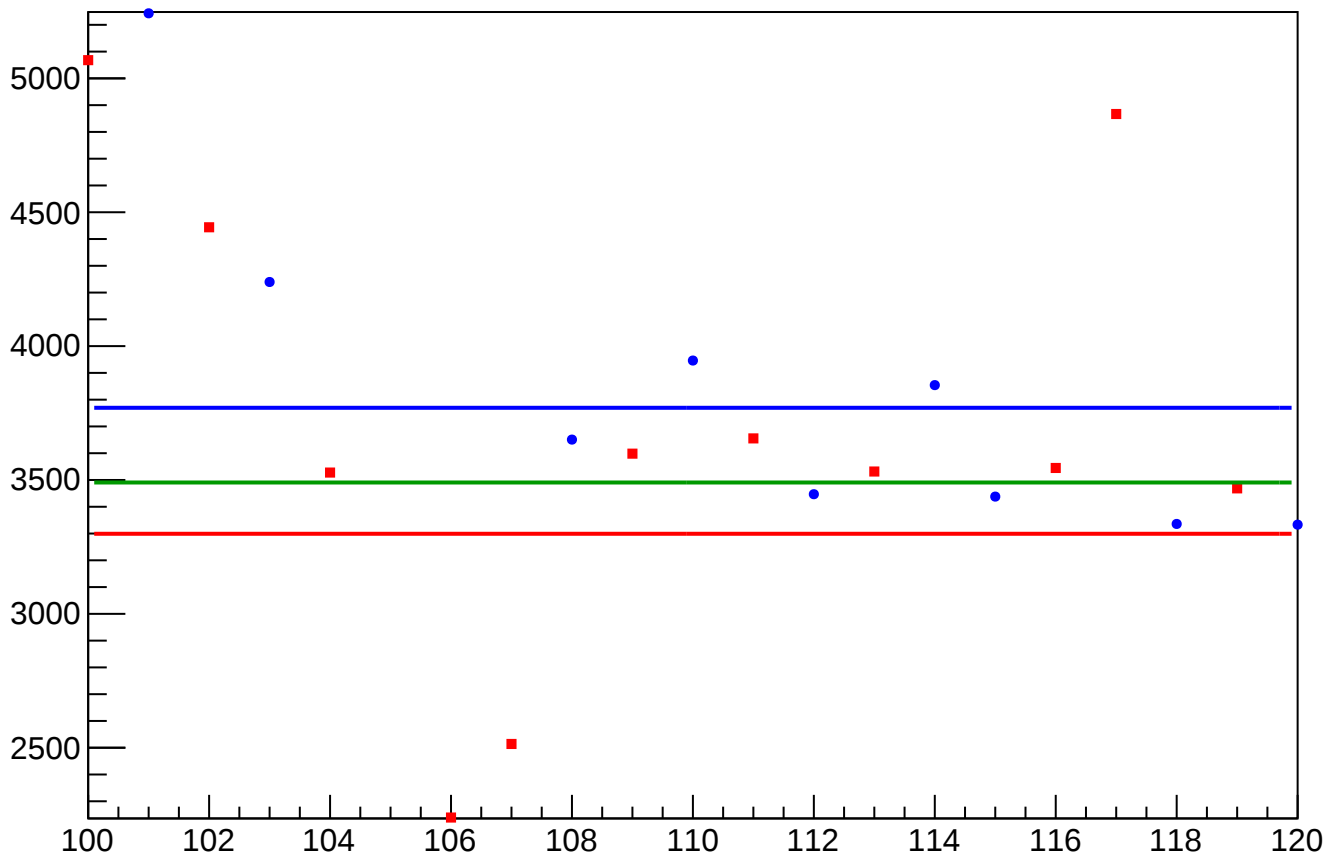
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1434.883+/-2081.837 χ^2/NDF : 8.9/8

-1217.899+/-1339.630 χ^2/NDF : 19.0/19

-1064.558+/-1750.101 χ^2/NDF : 10.1/10

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3769.665+/-1.472 χ^2/NDF : 145699.9/8

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

Right Out: 3299.094+/-1.220 χ^2/NDF : 284278.8/10

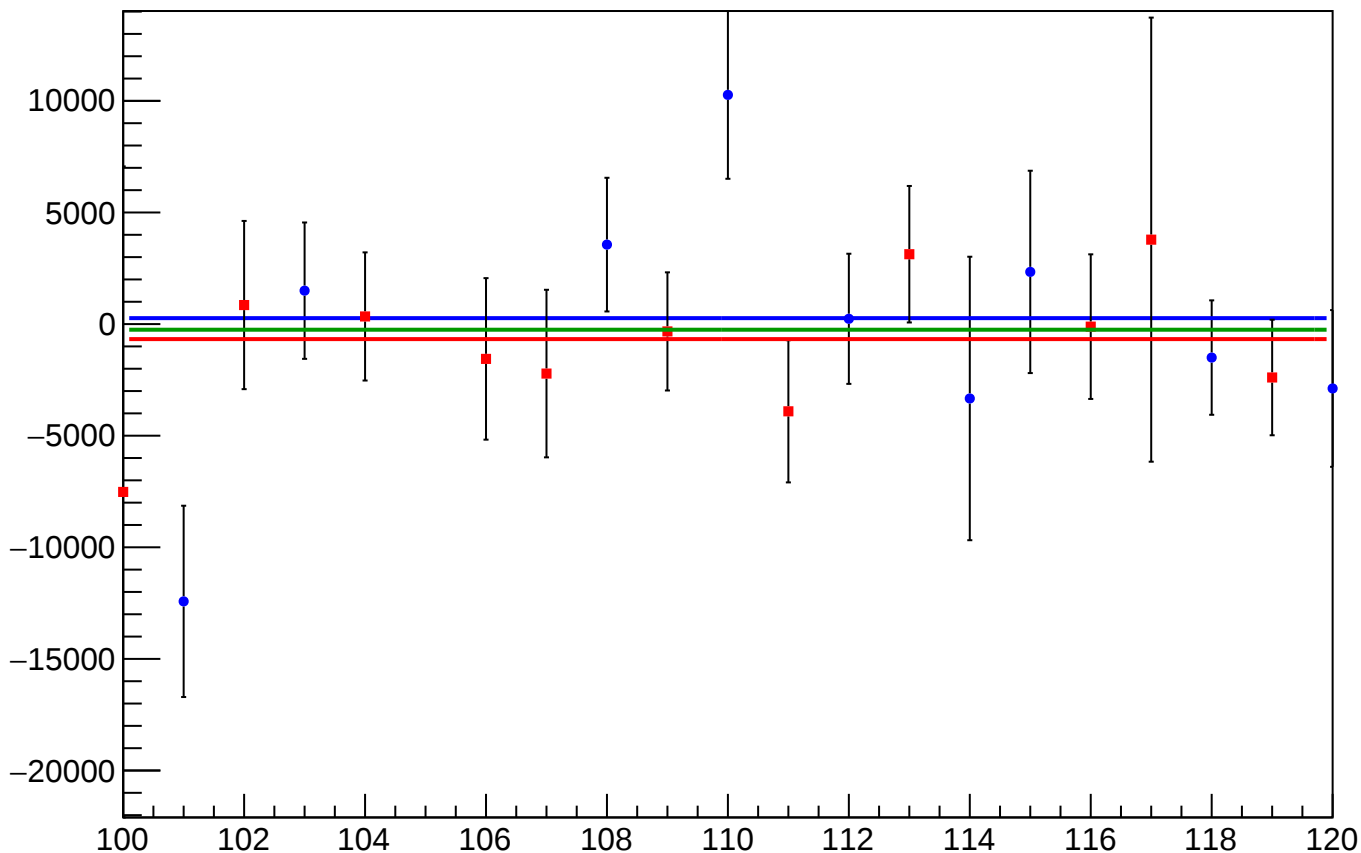
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3769.665+/-1.472 χ^2/NDF : 145699.9/8

3490.625+/-0.939 χ^2/NDF : 490578.6/19

3299.094+/-1.220 χ^2/NDF : 284278.8/10

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 266.470+/-1140.749 χ^2/NDF : 19.0/8

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

Right Out: -672.965+/-1027.727 χ^2/NDF : 4.0/10

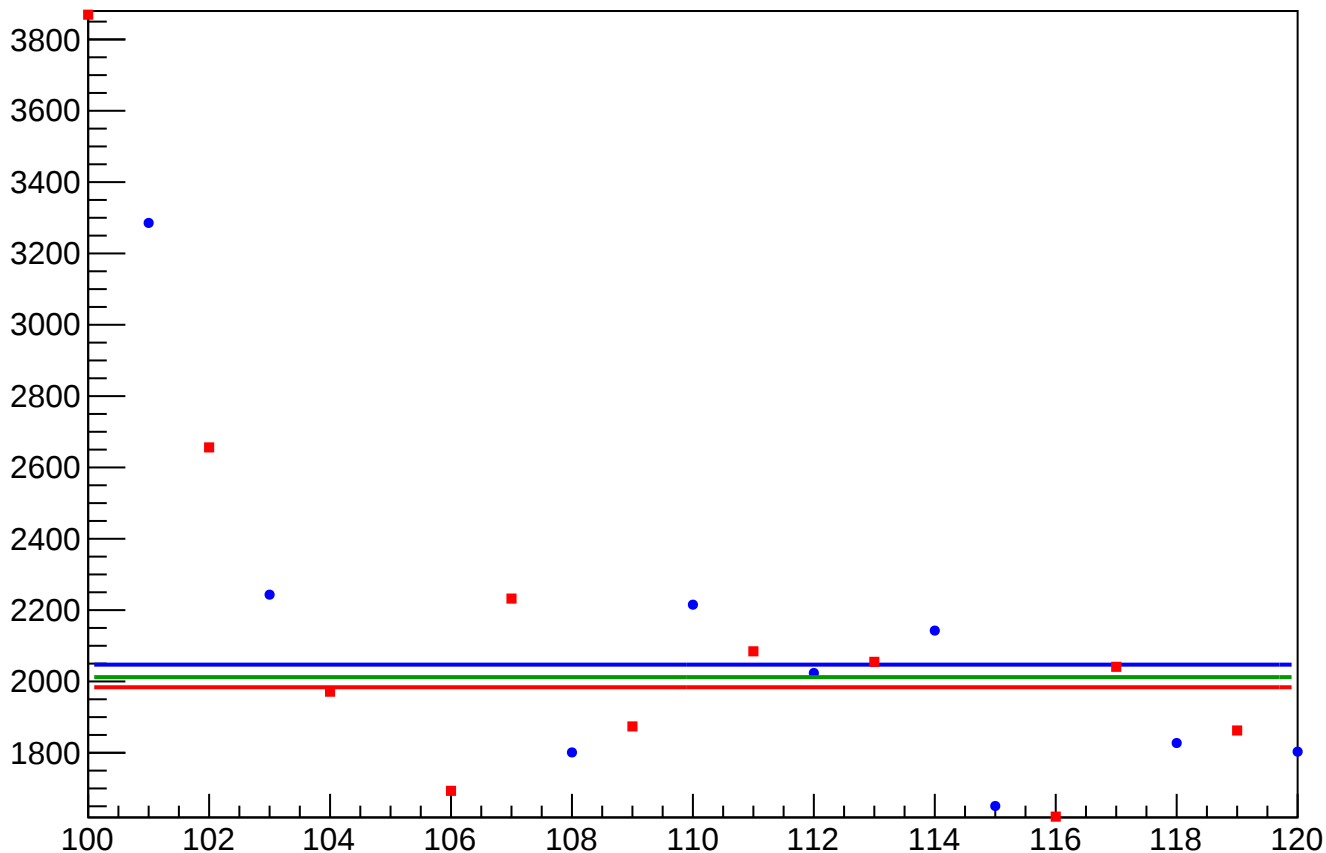
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

266.470+/-1140.749 χ^2/NDF : 19.0/8

-252.079+/-763.553 χ^2/NDF : 23.4/19

-672.965+/-1027.727 χ^2/NDF : 4.0/10

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2047.112+/-0.807 χ^2/NDF : 233038.6/8

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

Right Out: 1983.717+/-0.727 χ^2/NDF : 154925.3/10

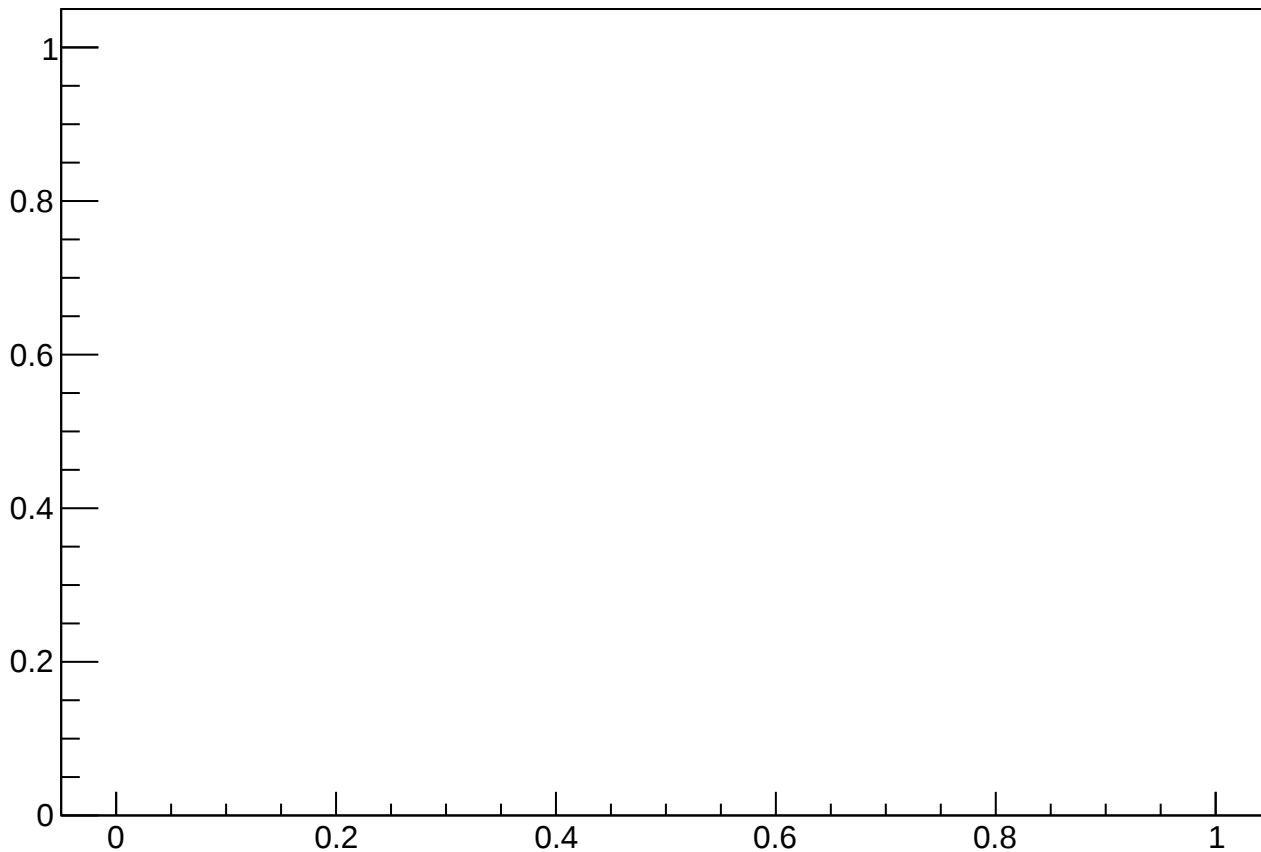
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2047.112+/-0.807 χ^2/NDF : 233038.6/8

2012.119+/-0.540 χ^2/NDF : 391373.6/19

1983.717+/-0.727 χ^2/NDF : 154925.3/10

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

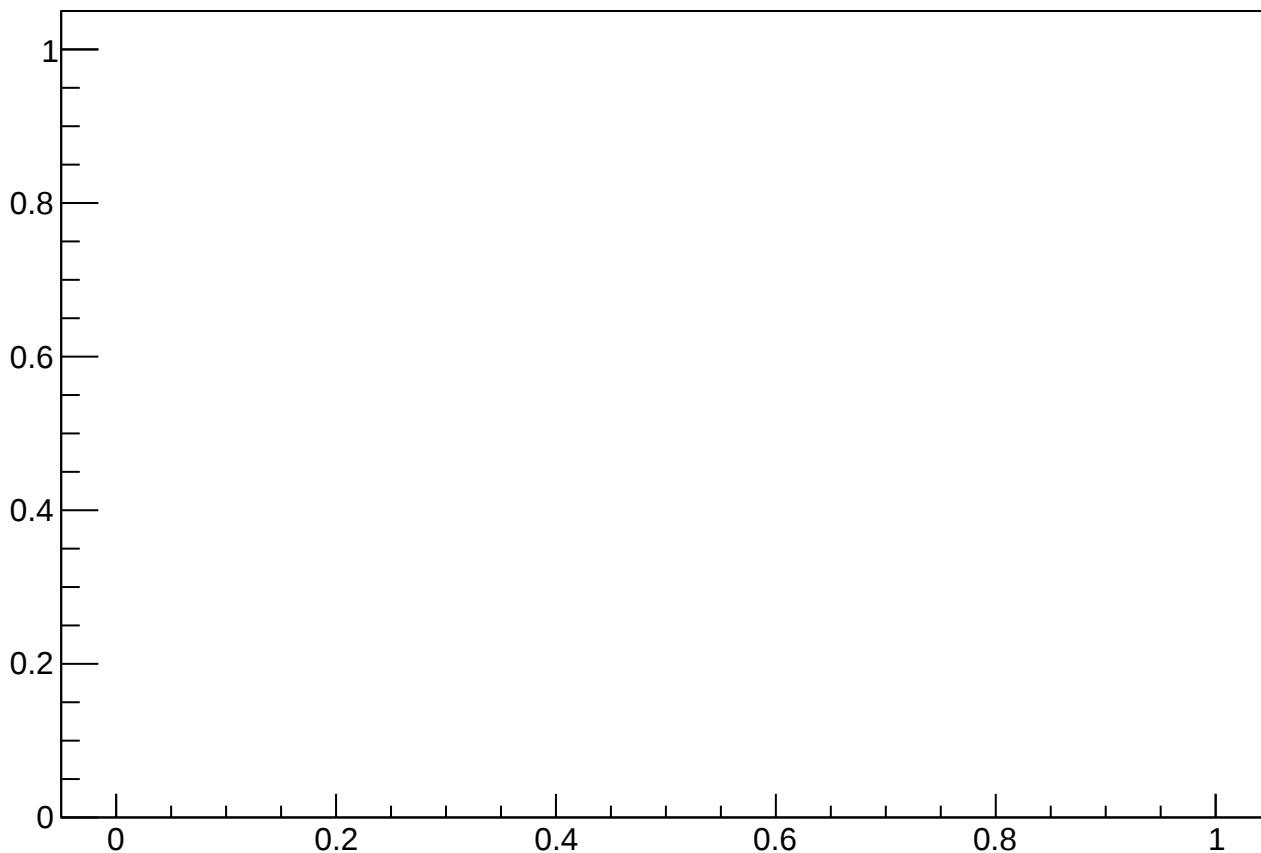
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

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

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

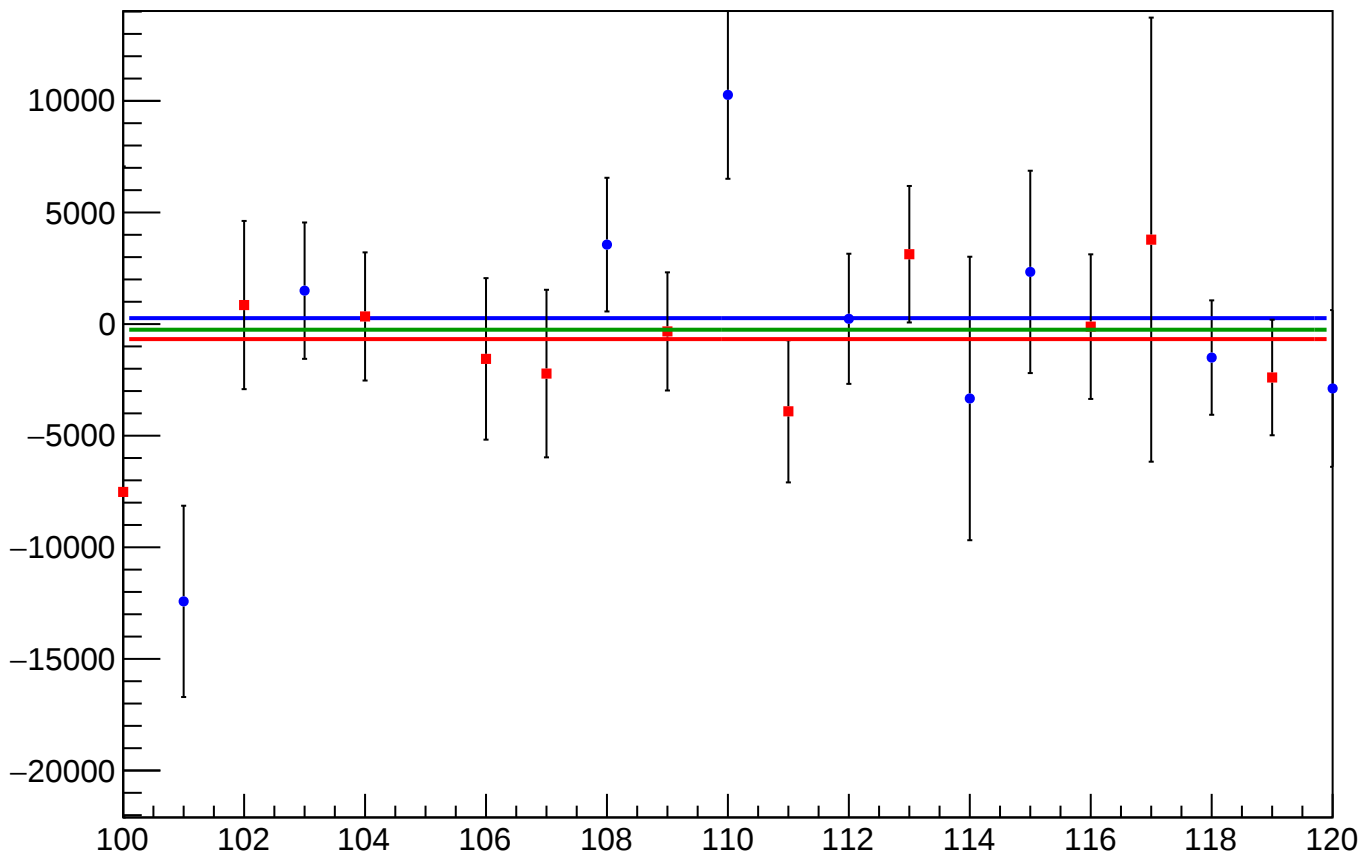
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 266.470+/-1140.749 χ^2/NDF : 19.0/8

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

Right Out: -672.965+/-1027.727 χ^2/NDF : 4.0/10

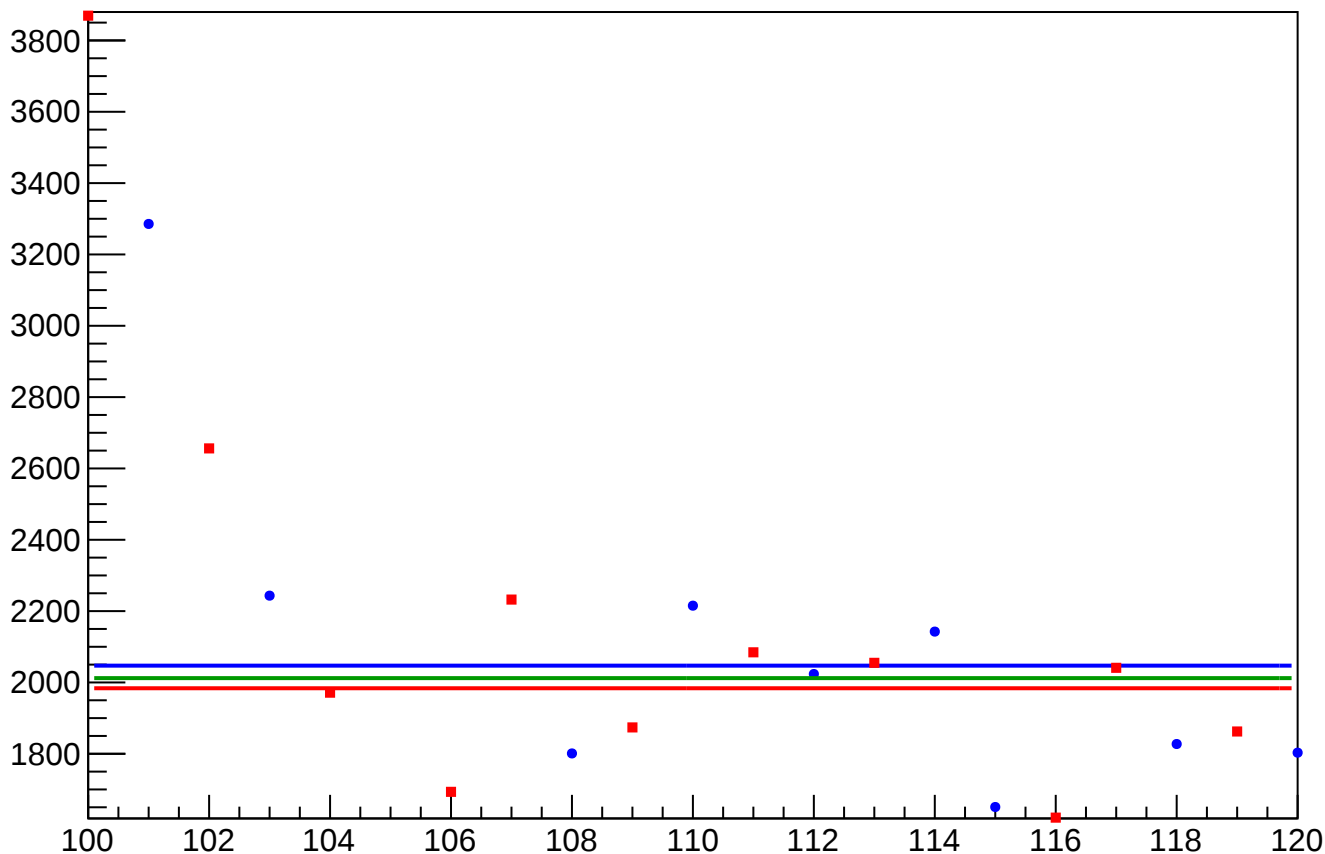
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

266.470+/-1140.749 χ^2/NDF : 19.0/8

-252.079+/-763.553 χ^2/NDF : 23.4/19

-672.965+/-1027.727 χ^2/NDF : 4.0/10

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2047.112 +/- 0.807 χ^2/NDF : 233038.6/8

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

Right Out: 1983.717 +/- 0.727 χ^2/NDF : 154925.3/10

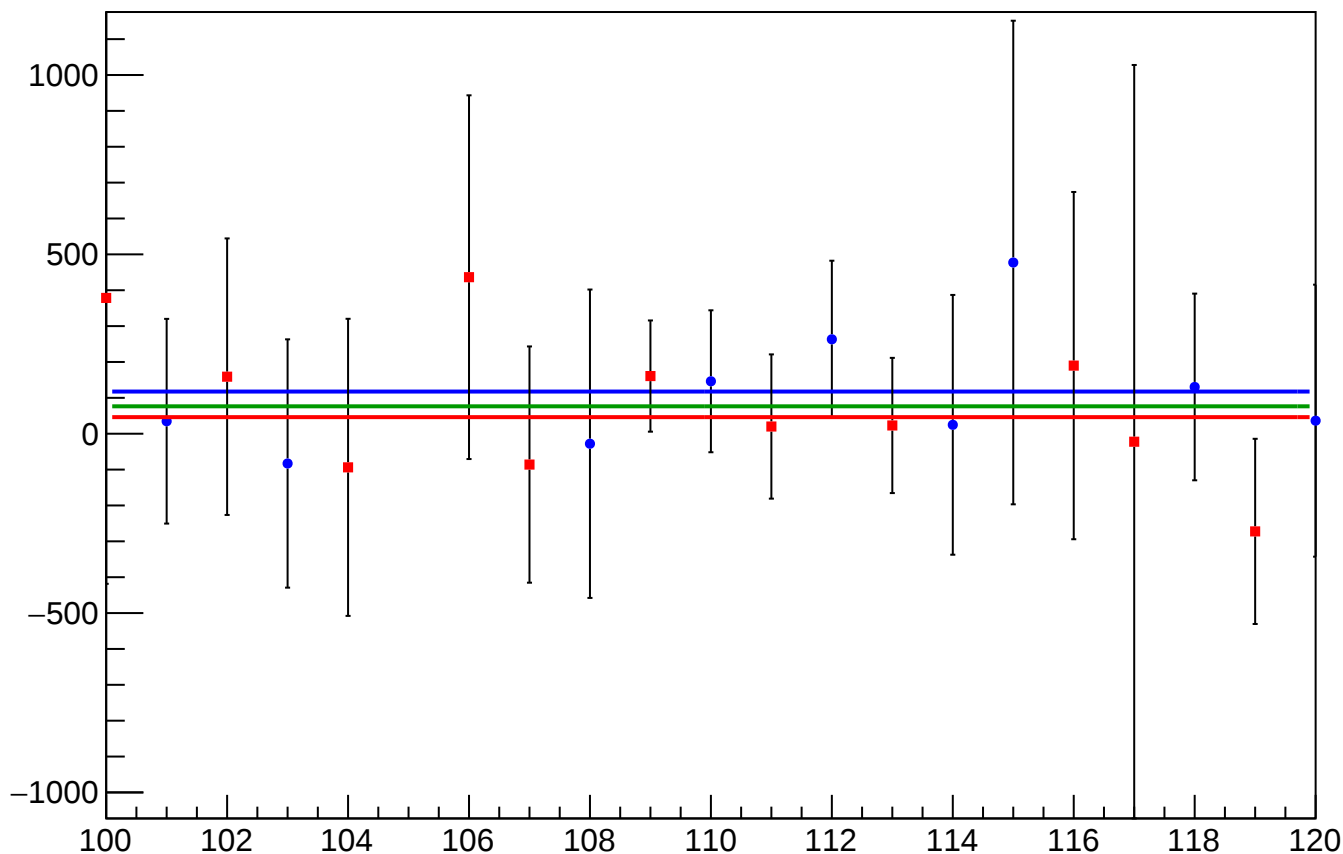
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

2047.112 +/- 0.807 χ^2/NDF : 233038.6/8

2012.119 +/- 0.540 χ^2/NDF : 391373.6/19

1983.717 +/- 0.727 χ^2/NDF : 154925.3/10

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.548 $\pm$ 98.065 χ^2 /NDF: 1.4/8

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

Right Out: 46.217 $\pm$ 83.939 χ^2 /NDF: 3.3/10

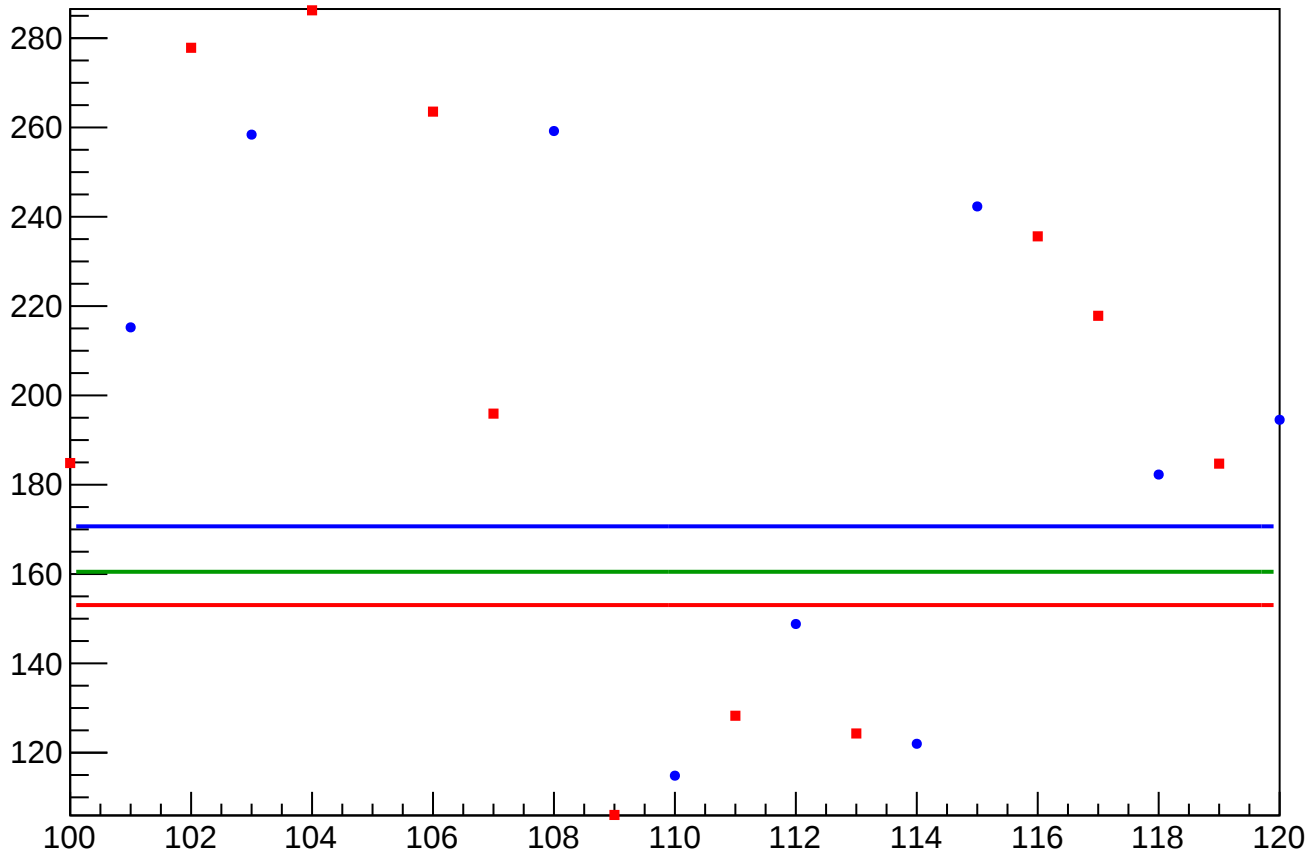
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.548 $\pm$ 98.065 χ^2 /NDF: 1.4/8

76.380 $\pm$ 63.769 χ^2 /NDF: 5.0/19

46.217 $\pm$ 83.939 χ^2 /NDF: 3.3/10

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.682 $\pm$ 0.069 χ^2 /NDF: 511832.4/8

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

Right Out: 153.051 $\pm$ 0.059 χ^2 /NDF: 905199.5/10

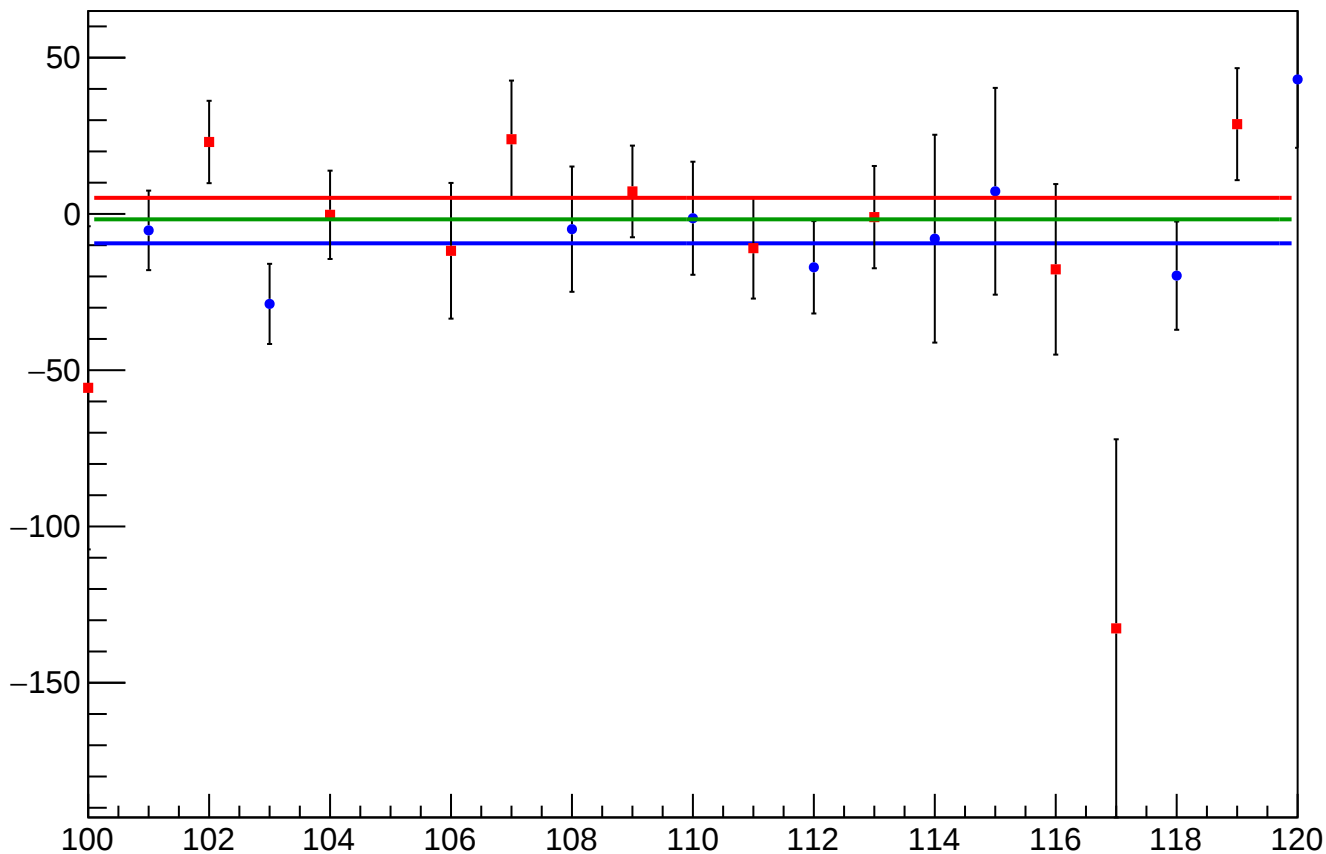
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.682 $\pm$ 0.069 χ^2 /NDF: 511832.4/8

160.506 $\pm$ 0.045 χ^2 /NDF: 1454346.1/19

153.051 $\pm$ 0.059 χ^2 /NDF: 905199.5/10

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.404+/-5.810 χ^2/NDF : 9.3/8

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

Right Out: 5.150+/-5.500 χ^2/NDF : 13.8/10

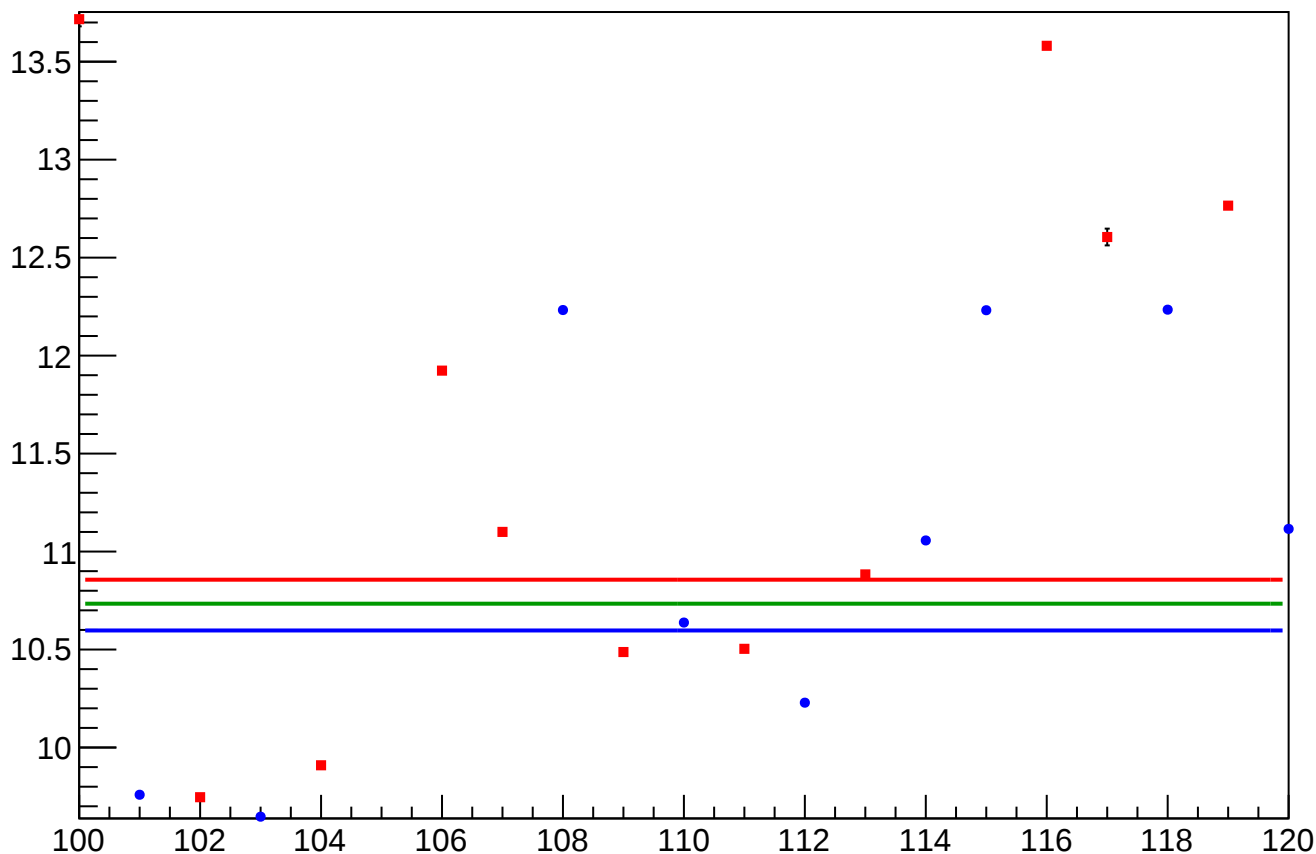
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.404+/-5.810 χ^2/NDF : 9.3/8

-1.728+/-3.994 χ^2/NDF : 26.3/19

5.150+/-5.500 χ^2/NDF : 13.8/10

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.597 $\pm$ 0.004 χ^2 /NDF: 58493.3/8

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

Right Out: 10.856 $\pm$ 0.004 χ^2 /NDF: 81010.4/10

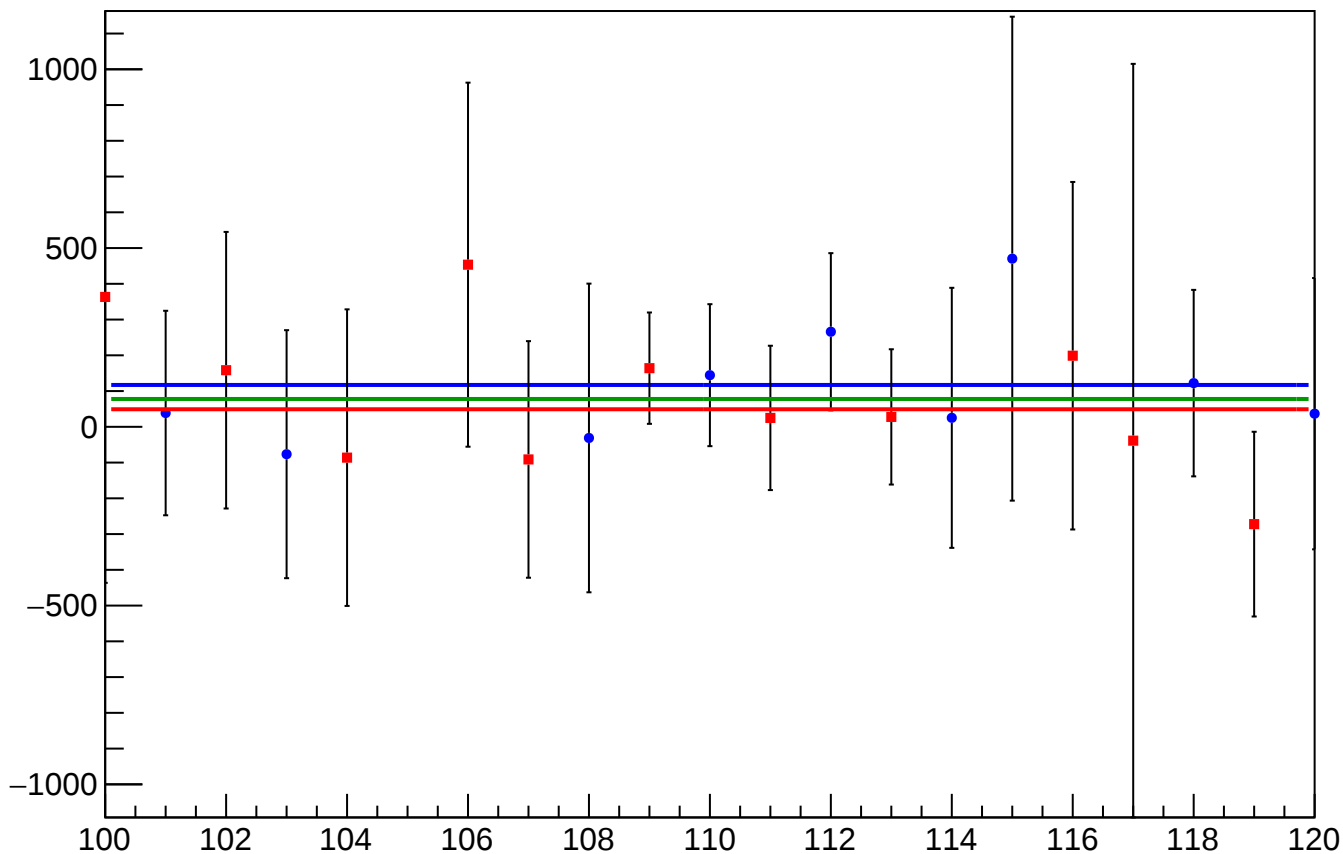
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10.597 $\pm$ 0.004 χ^2 /NDF: 58493.3/8

10.734 $\pm$ 0.003 χ^2 /NDF: 141601.8/19

10.856 $\pm$ 0.004 χ^2 /NDF: 81010.4/10

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 117.099 $\pm$ 98.366 χ^2 /NDF: 1.4/8

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

Right Out: 49.130 $\pm$ 84.249 χ^2 /NDF: 3.4/10

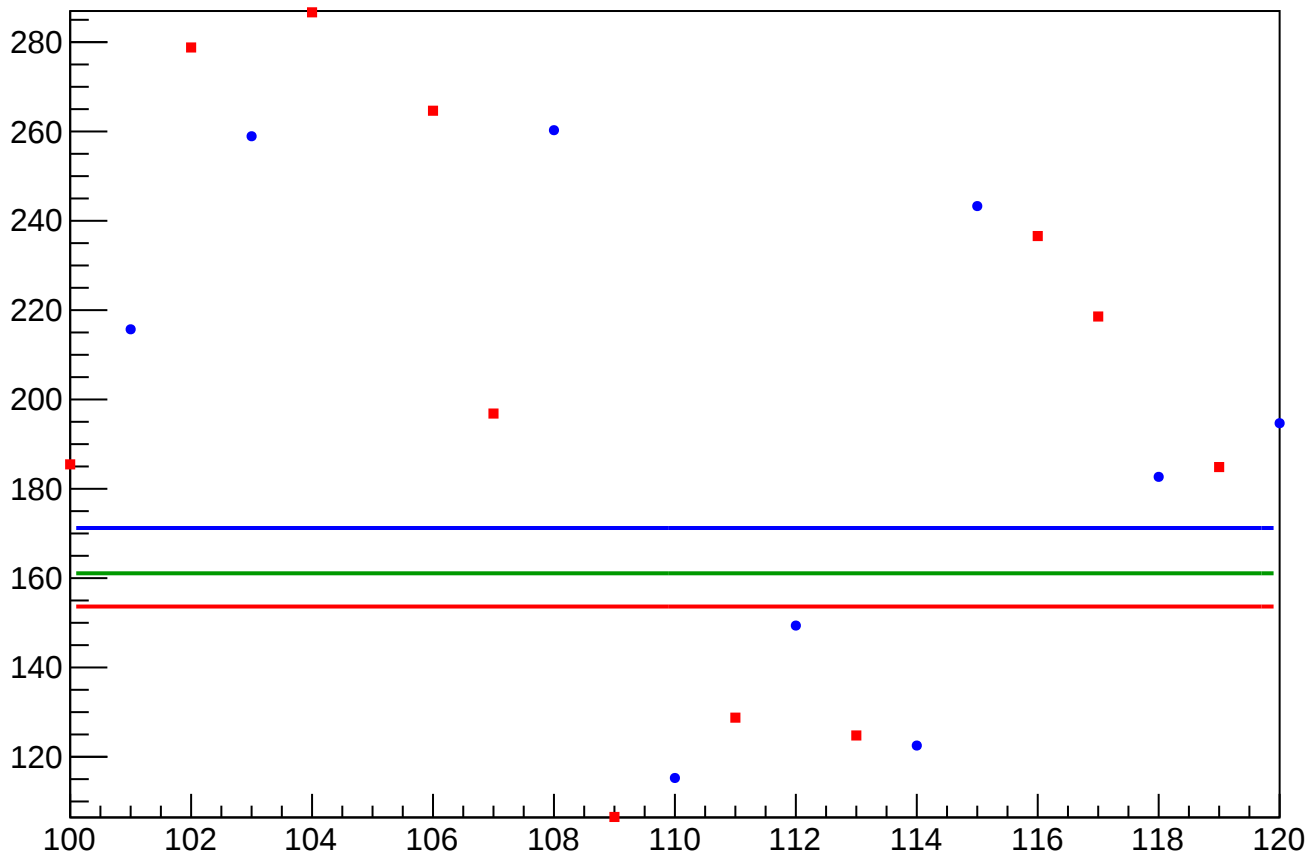
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

117.099 $\pm$ 98.366 χ^2 /NDF: 1.4/8

77.891 $\pm$ 63.987 χ^2 /NDF: 5.0/19

49.130 $\pm$ 84.249 χ^2 /NDF: 3.4/10

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.225+/-0.070 χ^2/NDF : 510086.5/8

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

Right Out: 153.644+/-0.060 χ^2/NDF : 902541.8/10

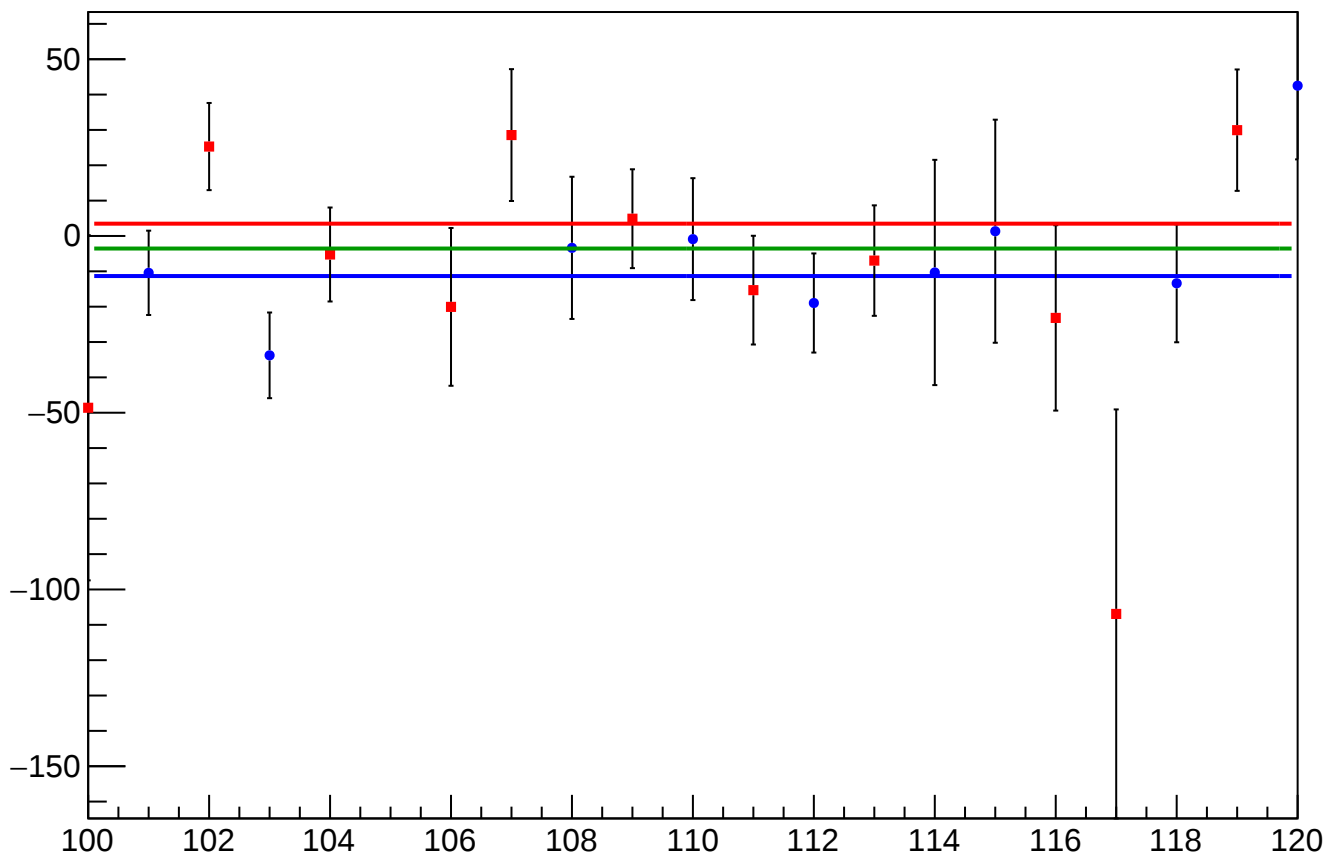
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.225+/-0.070 χ^2/NDF : 510086.5/8

161.083+/-0.045 χ^2/NDF : 1449483.5/19

153.644+/-0.060 χ^2/NDF : 902541.8/10

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.335+/-5.535 χ^2/NDF : 11.1/8

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

Right Out: 3.481+/-5.261 χ^2/NDF : 16.6/10

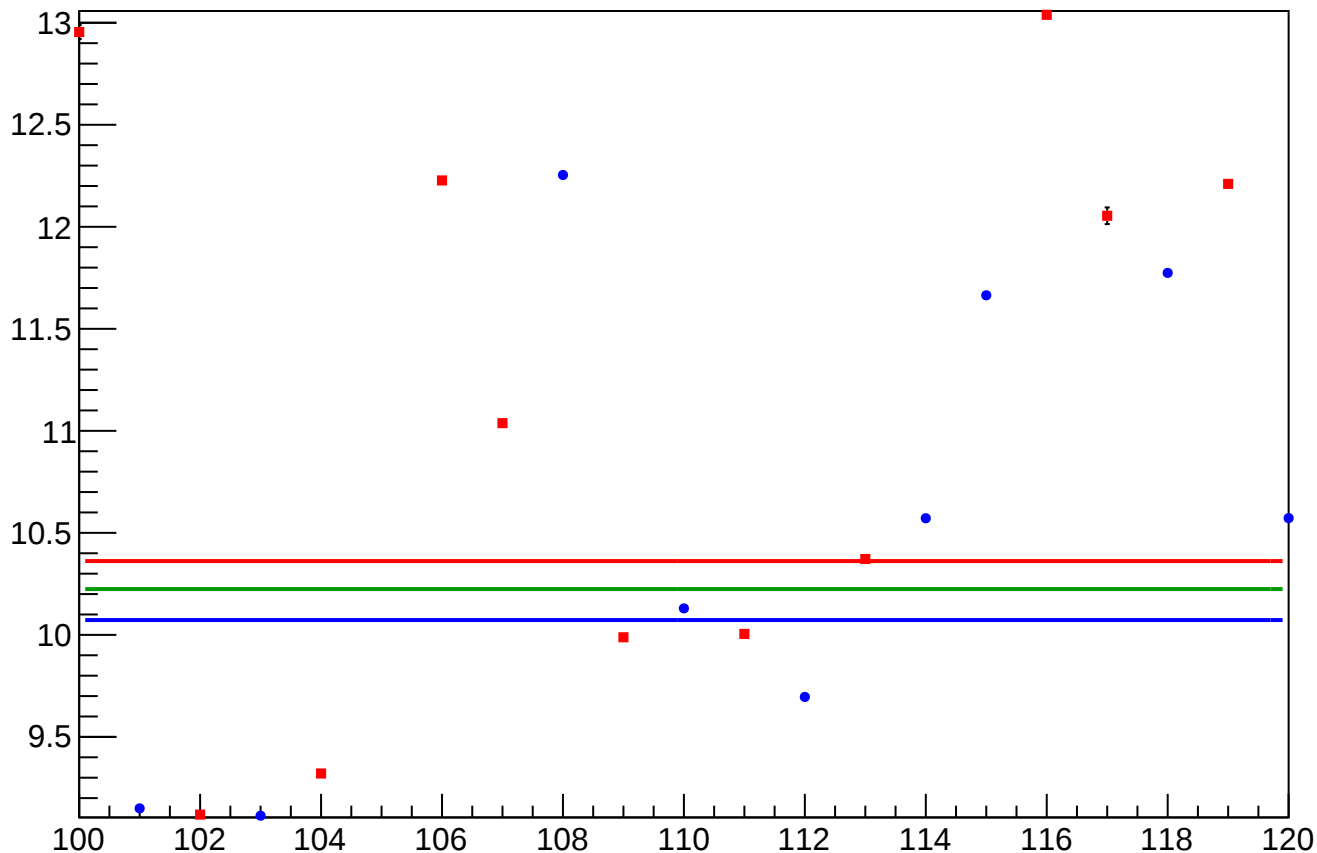
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.335+/-5.535 χ^2/NDF : 11.1/8

-3.552+/-3.813 χ^2/NDF : 31.5/19

3.481+/-5.261 χ^2/NDF : 16.6/10

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.073 ± 0.004 χ^2/NDF : 77003.6/8

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

Right Out: 10.362 ± 0.004 χ^2/NDF : 103082.9/10

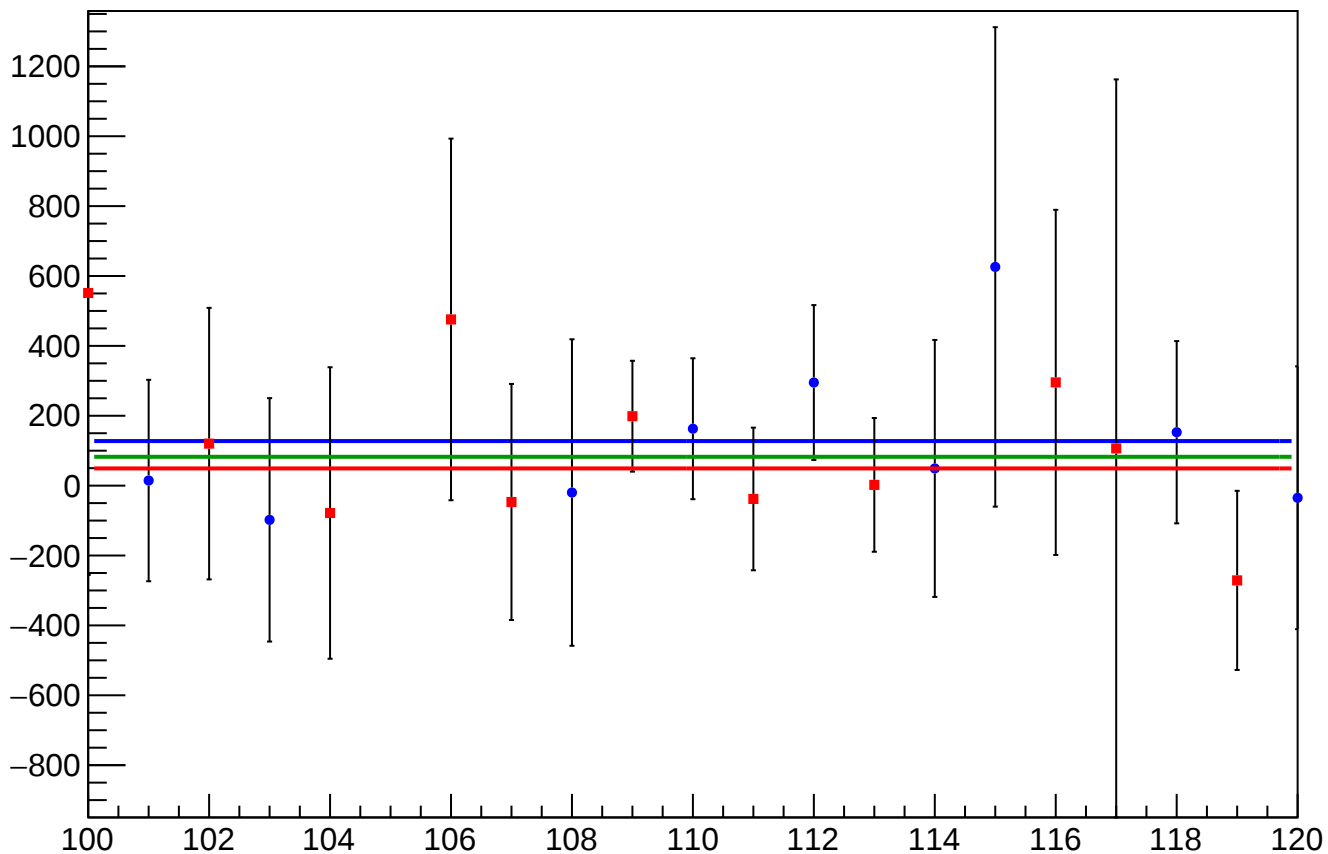
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

10.073 ± 0.004 χ^2/NDF : 77003.6/8

10.224 ± 0.003 χ^2/NDF : 182952.6/19

10.362 ± 0.004 χ^2/NDF : 103082.9/10

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 127.564 $\pm$ 99.154 χ^2 /NDF: 2.1/8

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

Right Out: 49.266 $\pm$ 85.232 χ^2 /NDF: 4.2/10

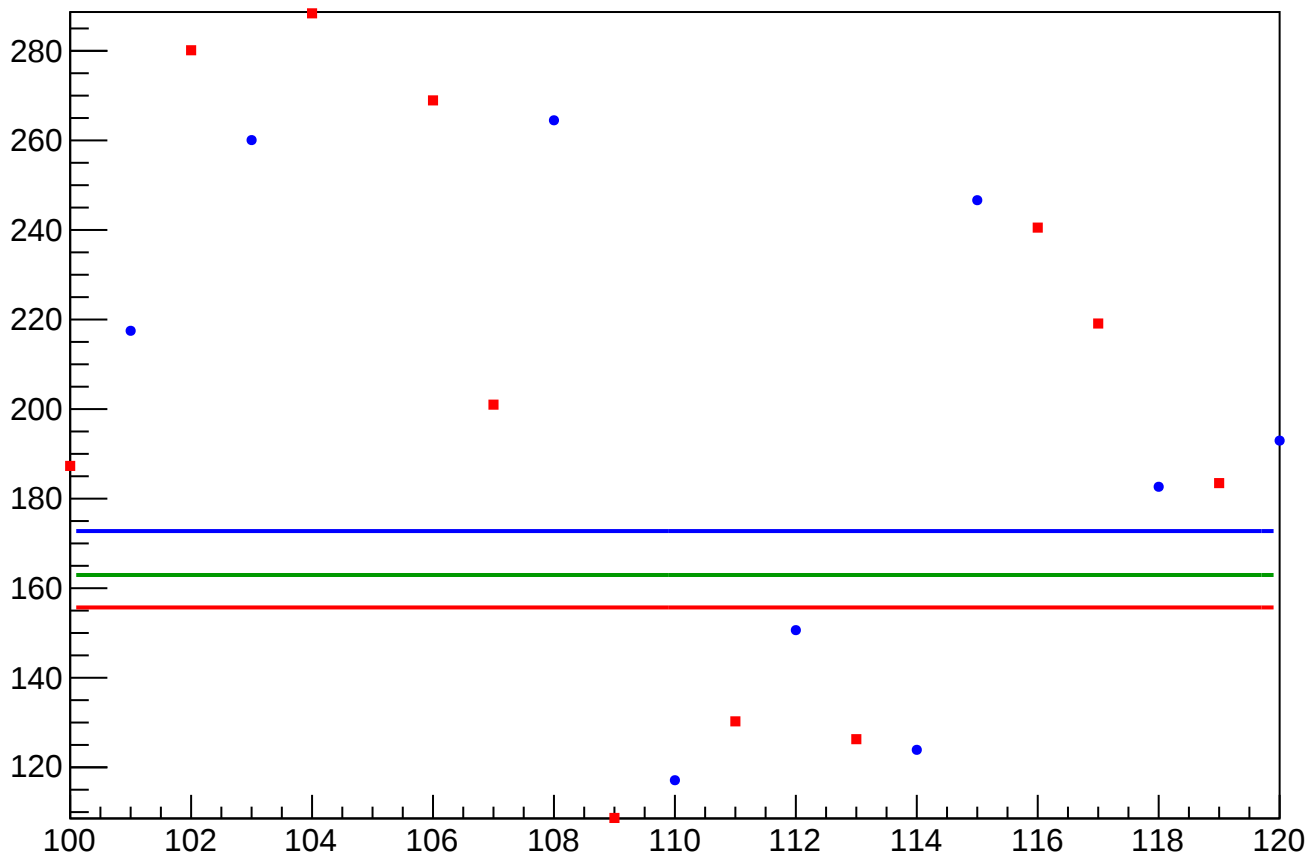
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127.564 $\pm$ 99.154 χ^2 /NDF: 2.1/8

82.537 $\pm$ 64.635 χ^2 /NDF: 6.6/19

49.266 $\pm$ 85.232 χ^2 /NDF: 4.2/10

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.760 $\pm$ 0.070 χ^2 /NDF: 500601.4/8

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

Right Out: 155.702 $\pm$ 0.060 χ^2 /NDF: 885786.1/10

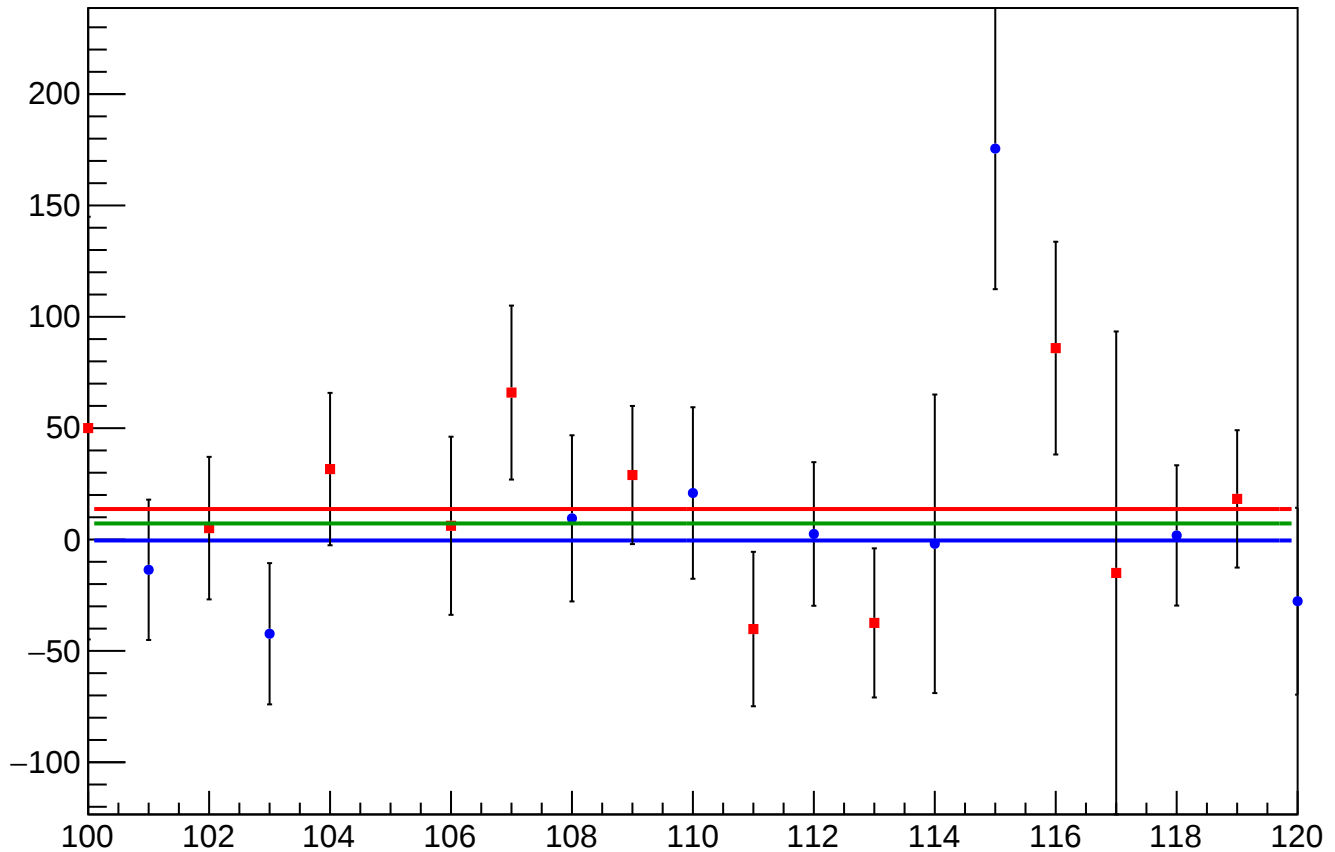
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

172.760 $\pm$ 0.070 χ^2 /NDF: 500601.4/8

162.951 $\pm$ 0.046 χ^2 /NDF: 1420428.3/19

155.702 $\pm$ 0.060 χ^2 /NDF: 885786.1/10

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.423+/-12.493 χ^2/NDF : 10.5/8

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

Right Out: 13.695+/-11.501 χ^2/NDF : 9.7/10

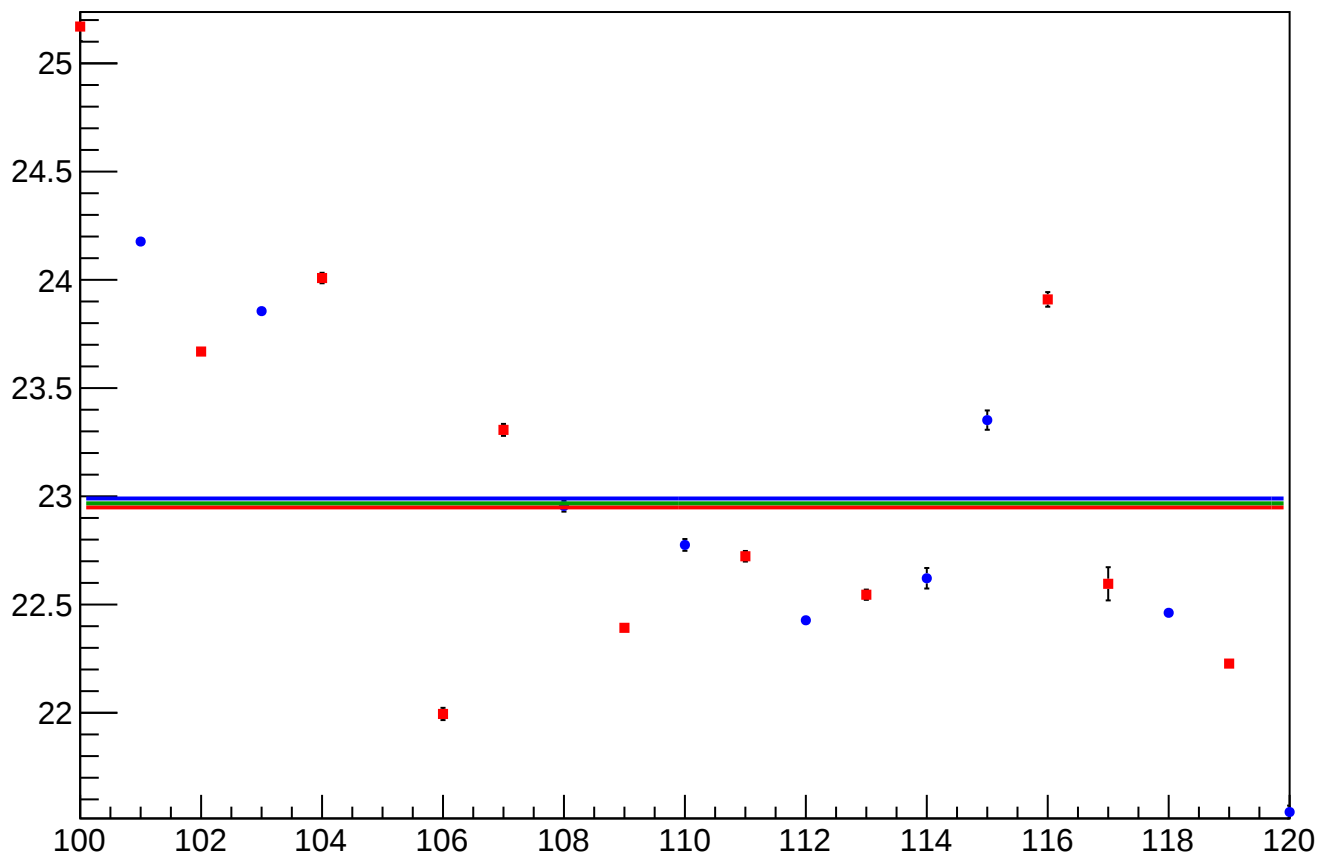
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.423+/-12.493 χ^2/NDF : 10.5/8

7.219+/-8.461 χ^2/NDF : 20.9/19

13.695+/-11.501 χ^2/NDF : 9.7/10

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.990+/-0.009 χ^2/NDF : 8074.8/8

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

Right Out: 22.949+/-0.008 χ^2/NDF : 8276.3/10

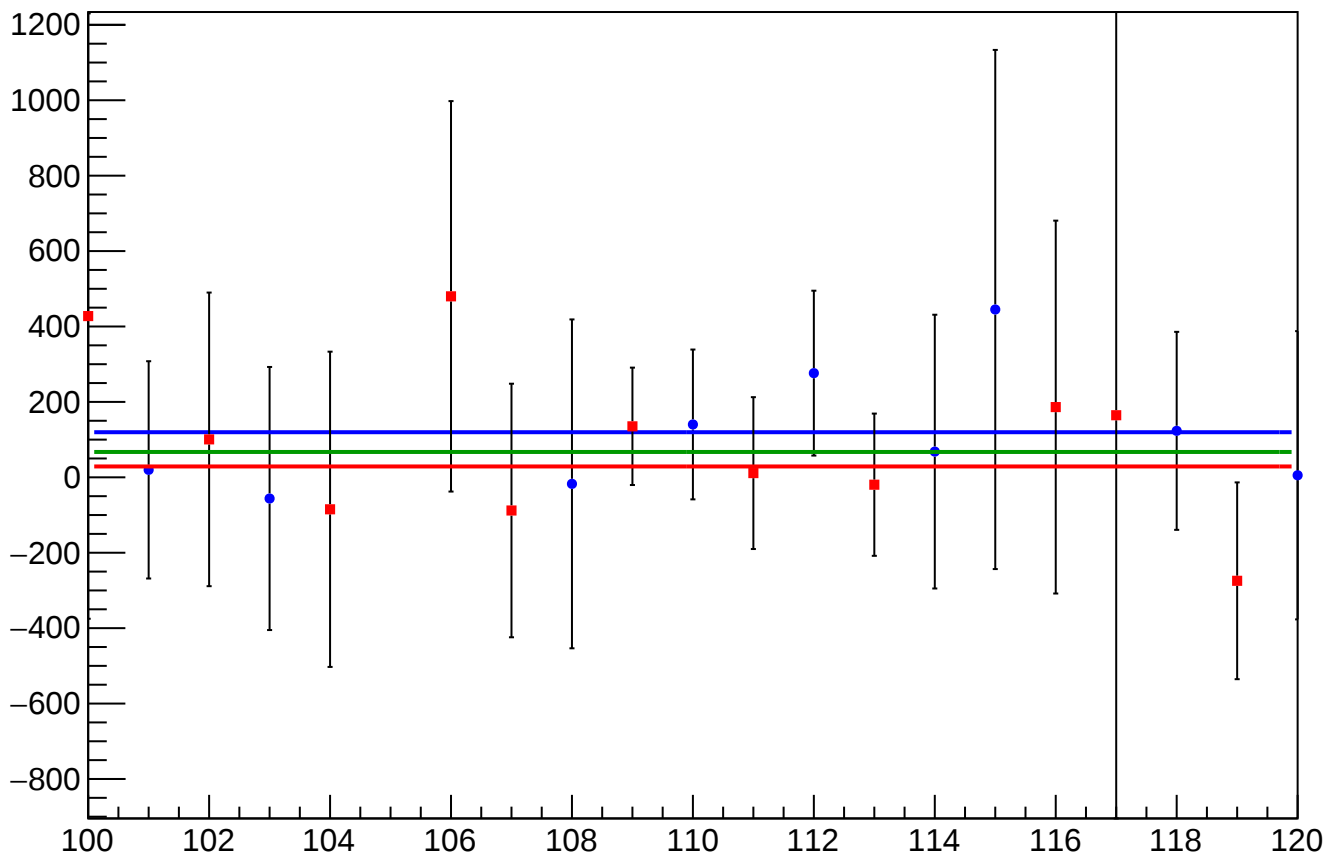
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

22.990+/-0.009 χ^2/NDF : 8074.8/8

22.968+/-0.006 χ^2/NDF : 16362.8/19

22.949+/-0.008 χ^2/NDF : 8276.3/10

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 119.635 $\pm$ 98.613 χ^2 /NDF: 1.3/8

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

Right Out: 28.823 $\pm$ 84.473 χ^2 /NDF: 3.2/10

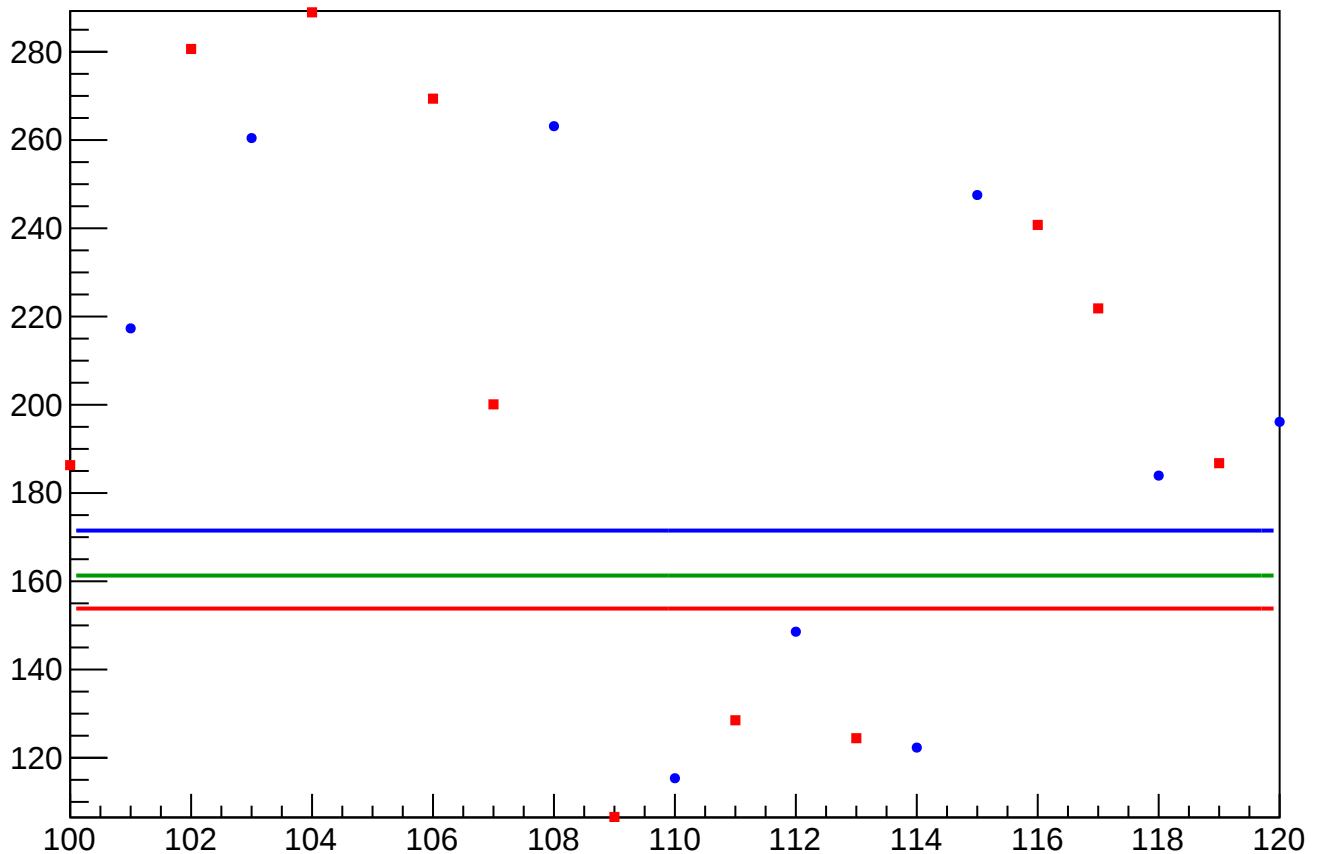
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

119.635 $\pm$ 98.613 χ^2 /NDF: 1.3/8

67.257 $\pm$ 64.153 χ^2 /NDF: 5.1/19

28.823 $\pm$ 84.473 χ^2 /NDF: 3.2/10

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.494+/-0.070 χ^2/NDF : 524541.2/8

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

Right Out: 153.821+/-0.060 χ^2/NDF : 928119.8/10

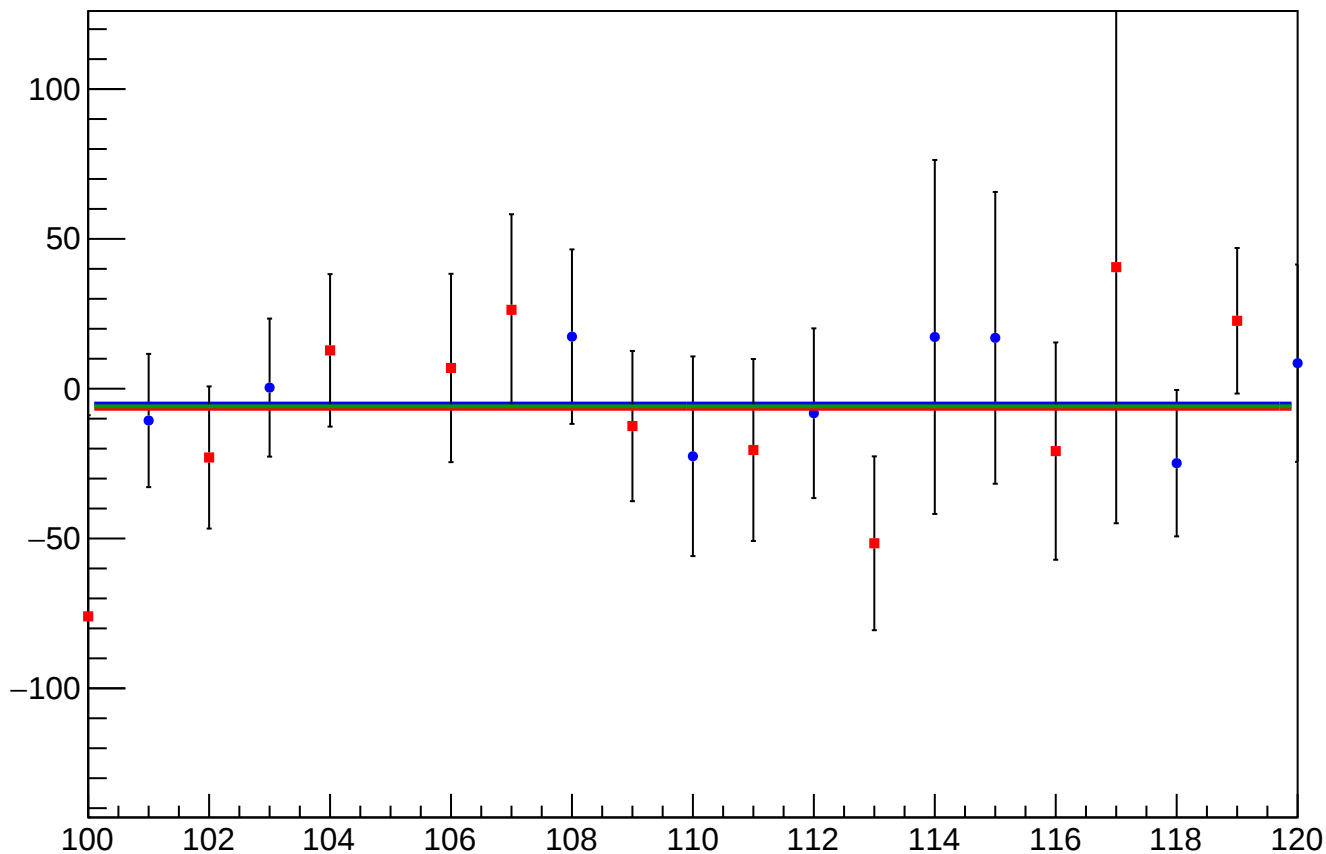
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.494+/-0.070 χ^2/NDF : 524541.2/8

161.301+/-0.045 χ^2/NDF : 1489709.0/19

153.821+/-0.060 χ^2/NDF : 928119.8/10

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.979+/-9.741 χ^2/NDF : 2.2/8

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

Right Out: -6.688+/-9.131 χ^2/NDF : 8.0/10

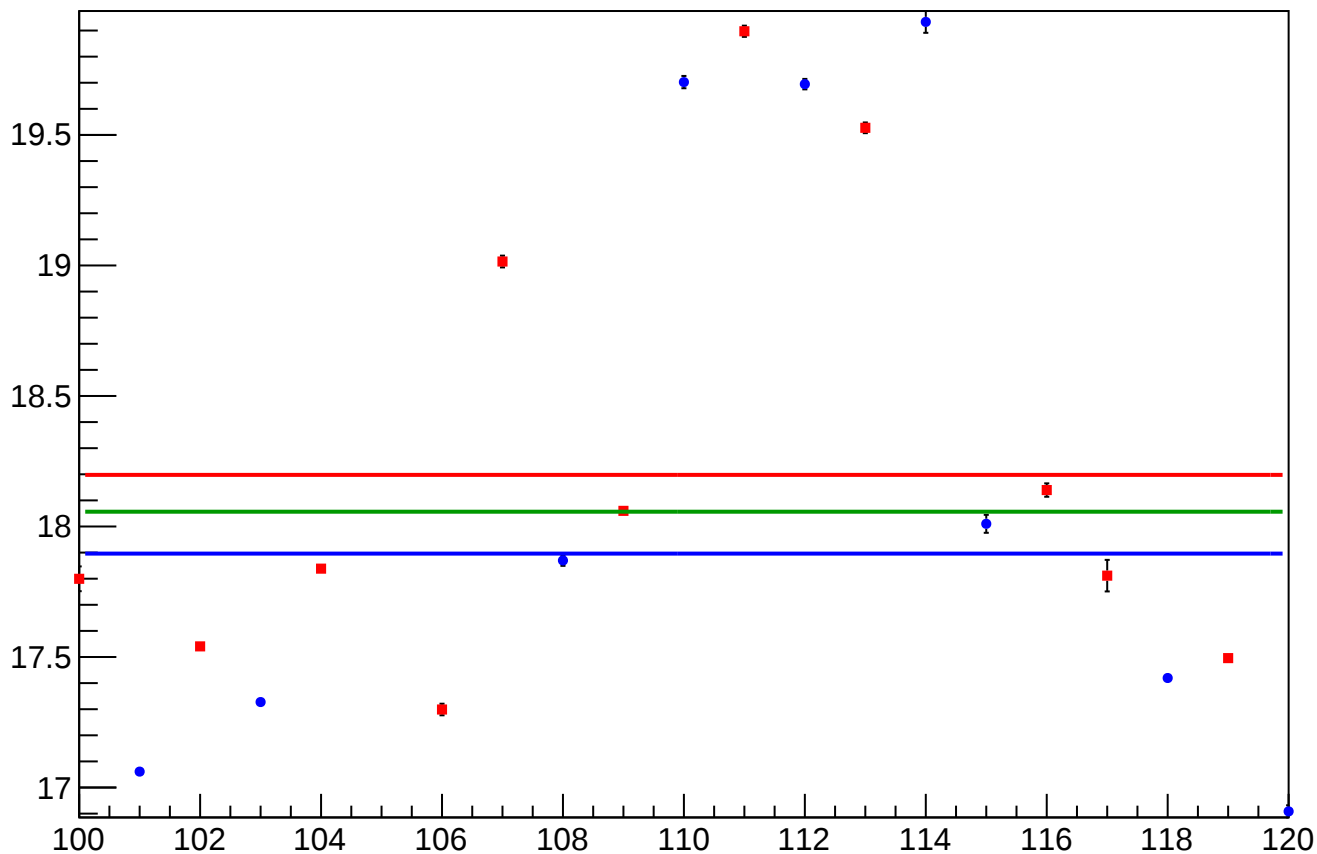
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.979+/-9.741 χ^2/NDF : 2.2/8

-5.888+/-6.662 χ^2/NDF : 10.1/19

-6.688+/-9.131 χ^2/NDF : 8.0/10

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.896 ± 0.007 $\chi^2/\text{NDF}: 22930.1/8$

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

Right Out: 18.198 ± 0.006 $\chi^2/\text{NDF}: 17194.9/10$

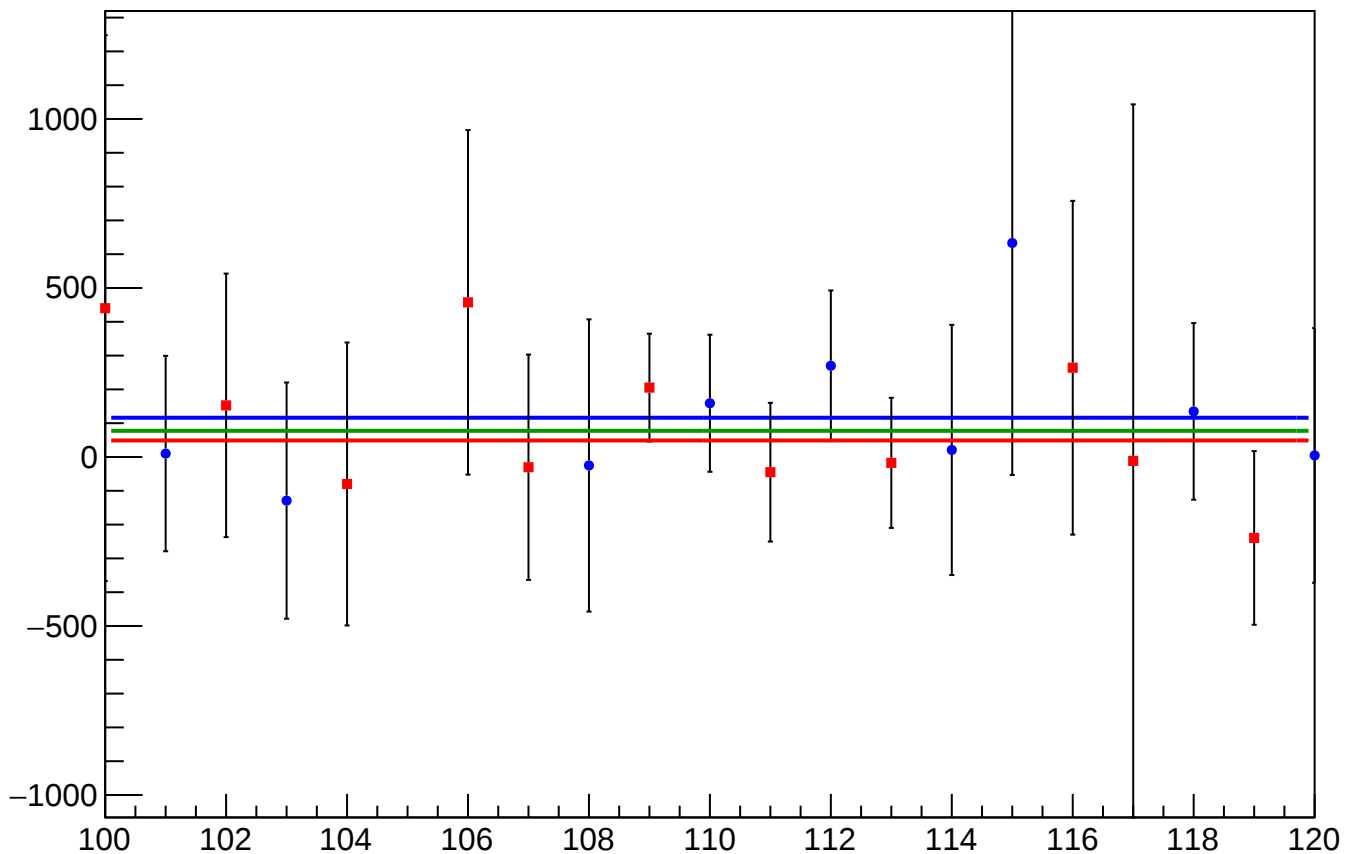
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

17.896 ± 0.007 $\chi^2/\text{NDF}: 22930.1/8$

18.057 ± 0.005 $\chi^2/\text{NDF}: 41145.3/19$

18.198 ± 0.006 $\chi^2/\text{NDF}: 17194.9/10$

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 116.151+/-99.452 χ^2/NDF : 2.0/8

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

Right Out: 48.917+/-85.464 χ^2/NDF : 3.8/10

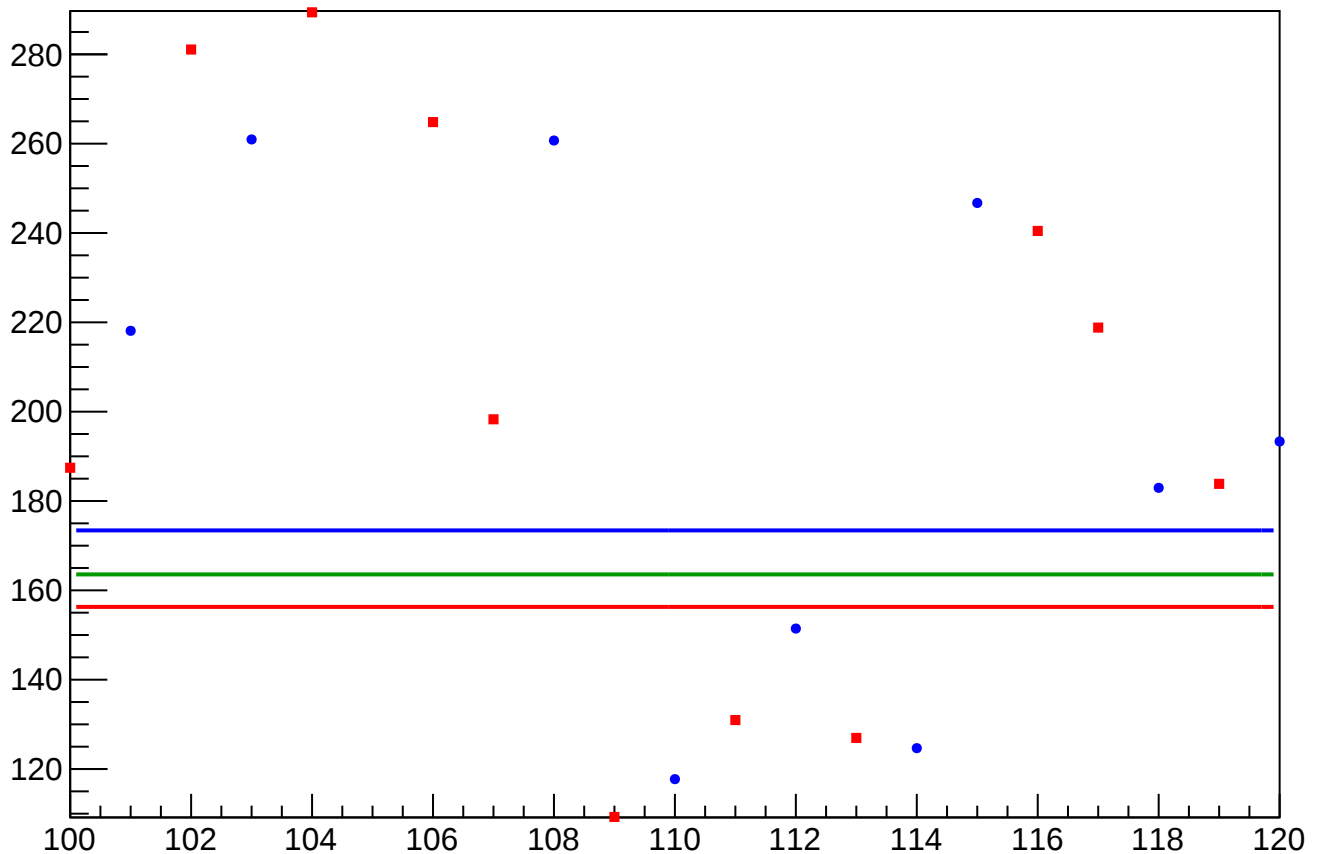
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

116.151+/-99.452 χ^2/NDF : 2.0/8

77.477+/-64.819 χ^2/NDF : 6.1/19

48.917+/-85.464 χ^2/NDF : 3.8/10

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.419+/-0.070 χ^2/NDF : 490875.3/8

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

Right Out: 156.293+/-0.060 χ^2/NDF : 871497.9/10

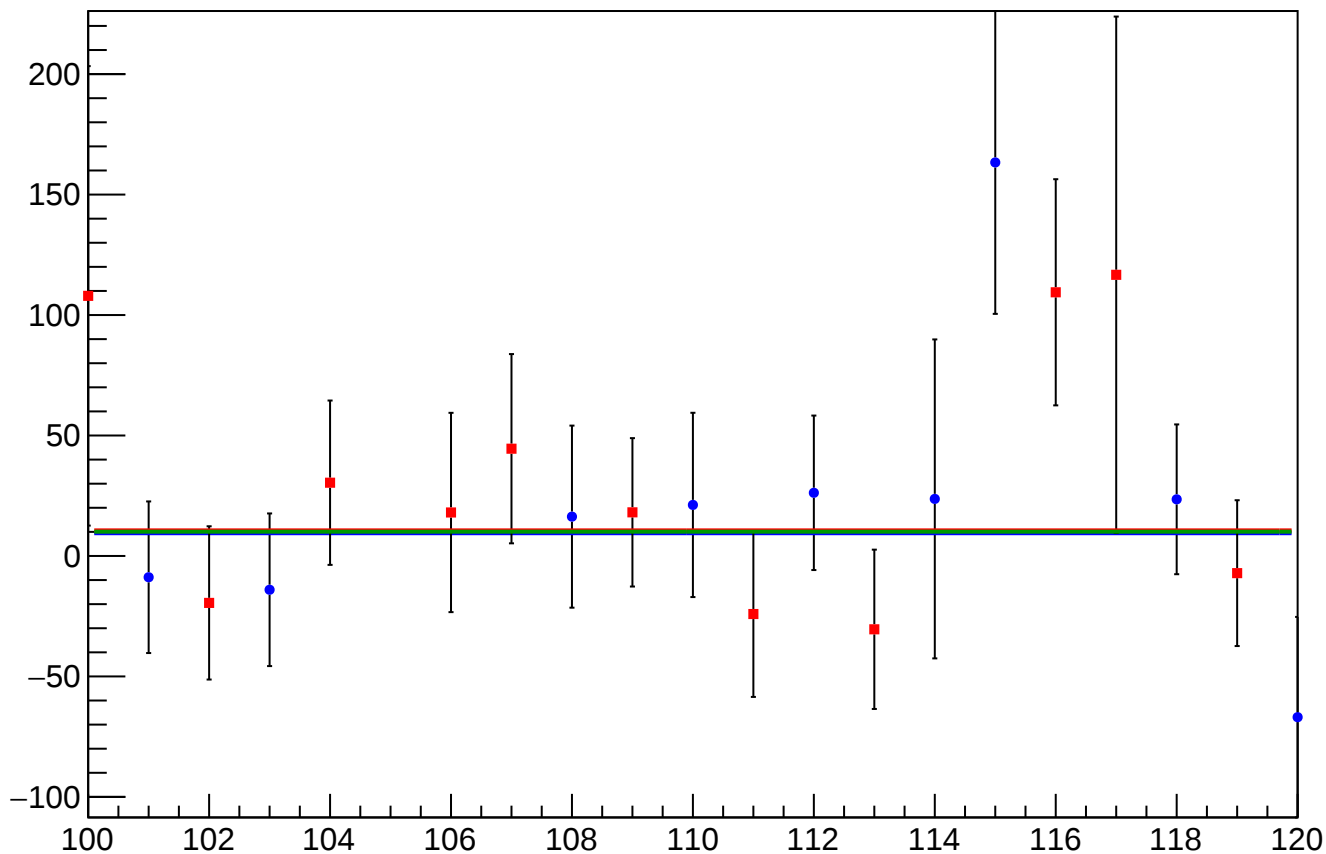
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

173.419+/-0.070 χ^2/NDF : 490875.3/8

163.568+/-0.046 χ^2/NDF : 1396487.7/19

156.293+/-0.060 χ^2/NDF : 871497.9/10

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.442 $\pm$ 12.445 χ^2 /NDF: 10.9/8

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

Right Out: 10.621 $\pm$ 11.443 χ^2 /NDF: 11.4/10

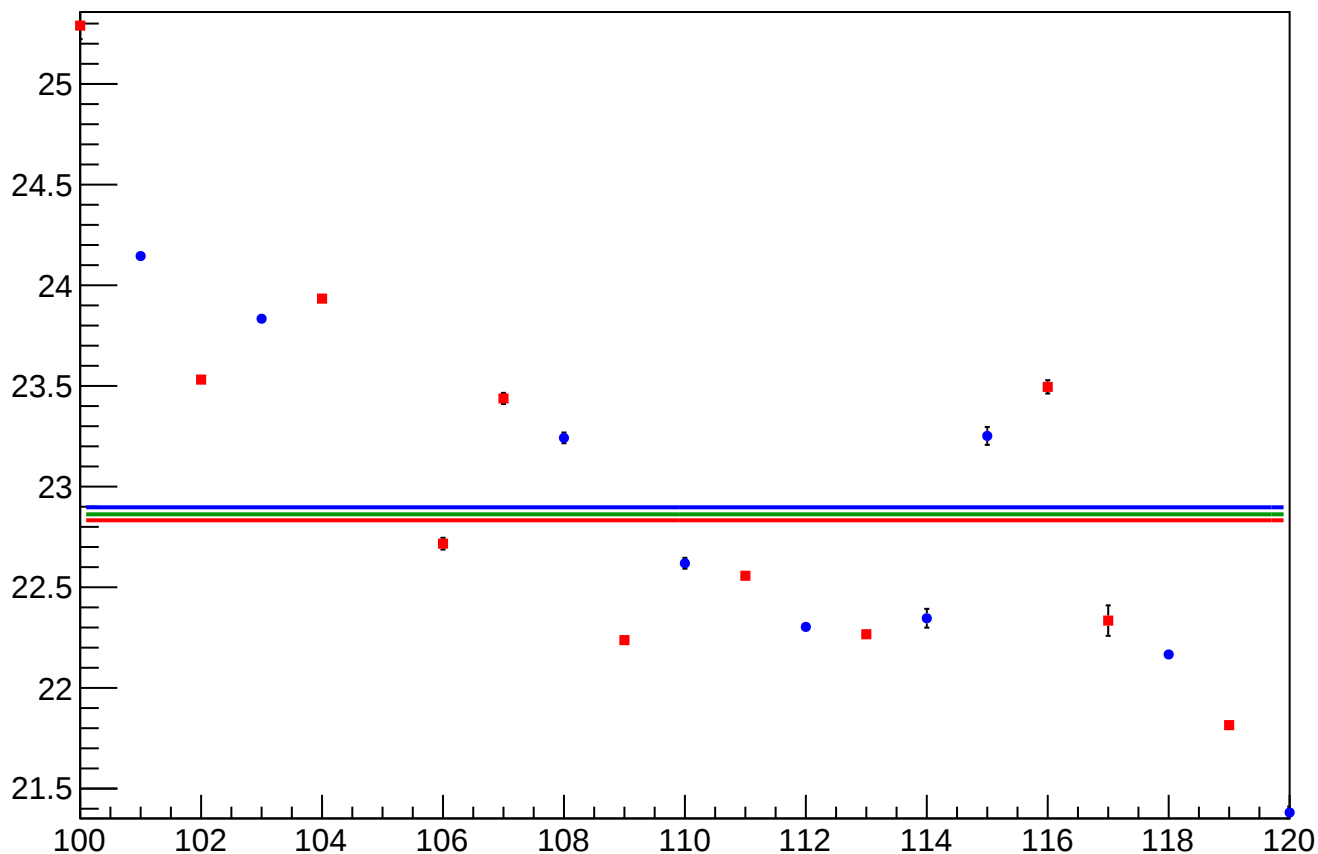
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

9.442 $\pm$ 12.445 χ^2 /NDF: 10.9/8

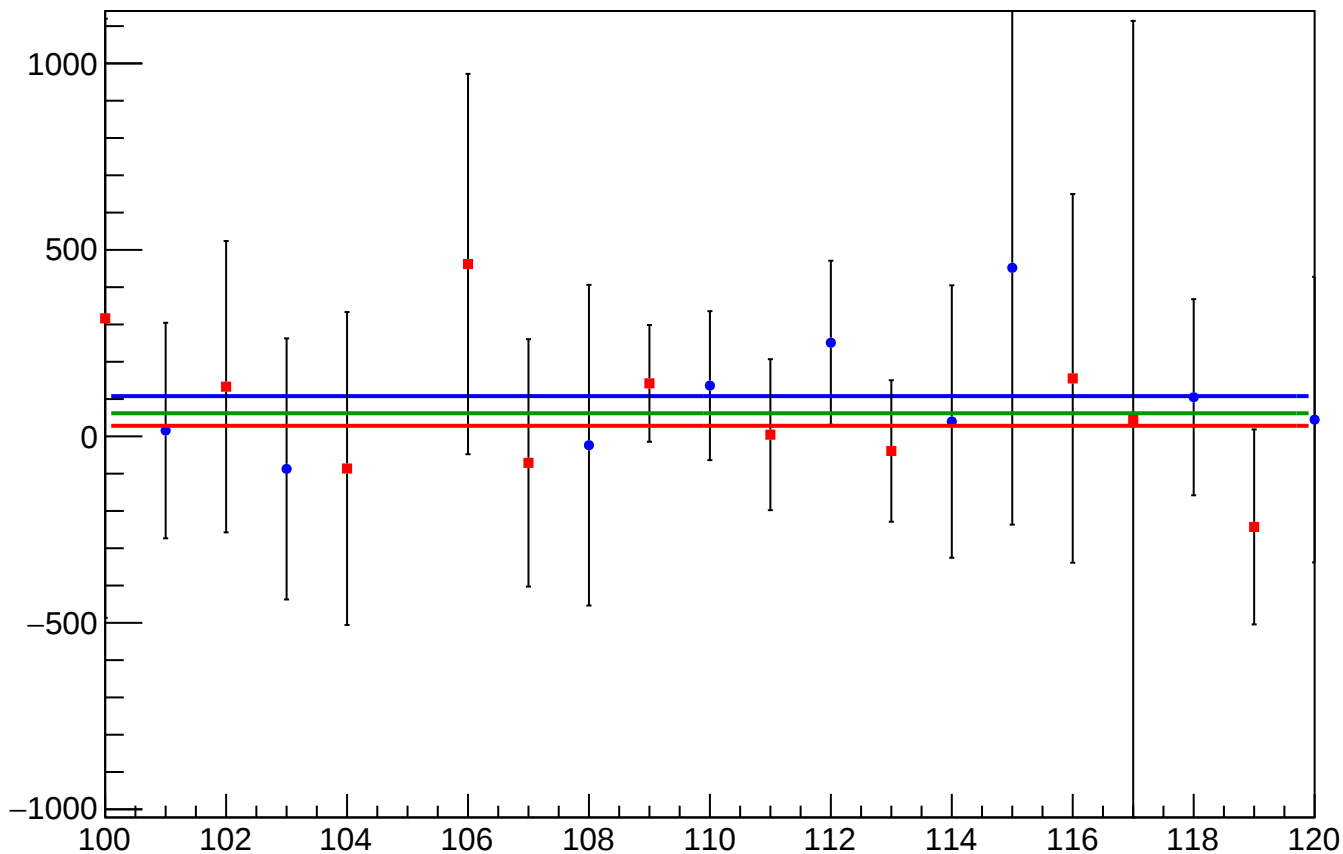
10.081 $\pm$ 8.423 χ^2 /NDF: 22.3/19

10.621 $\pm$ 11.443 χ^2 /NDF: 11.4/10

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 107.890+/-98.916 χ^2/NDF : 1.3/8

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

Right Out: 28.336+/-84.711 χ^2/NDF : 2.9/10

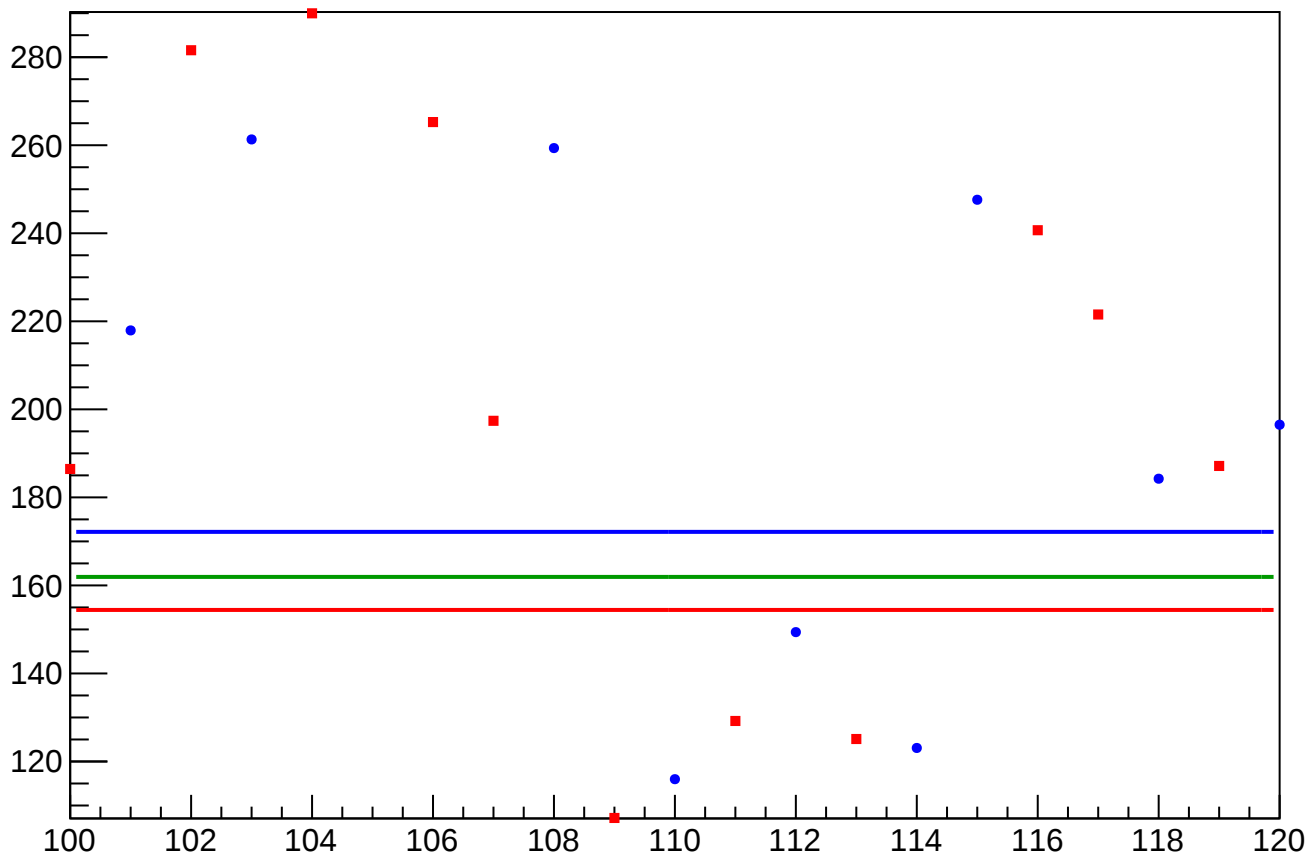
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

107.890+/-98.916 χ^2/NDF : 1.3/8

61.996+/-64.341 χ^2/NDF : 4.5/19

28.336+/-84.711 χ^2/NDF : 2.9/10

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.165+/-0.070 χ^2/NDF : 514404.4/8

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

Right Out: 154.428+/-0.060 χ^2/NDF : 913274.1/10

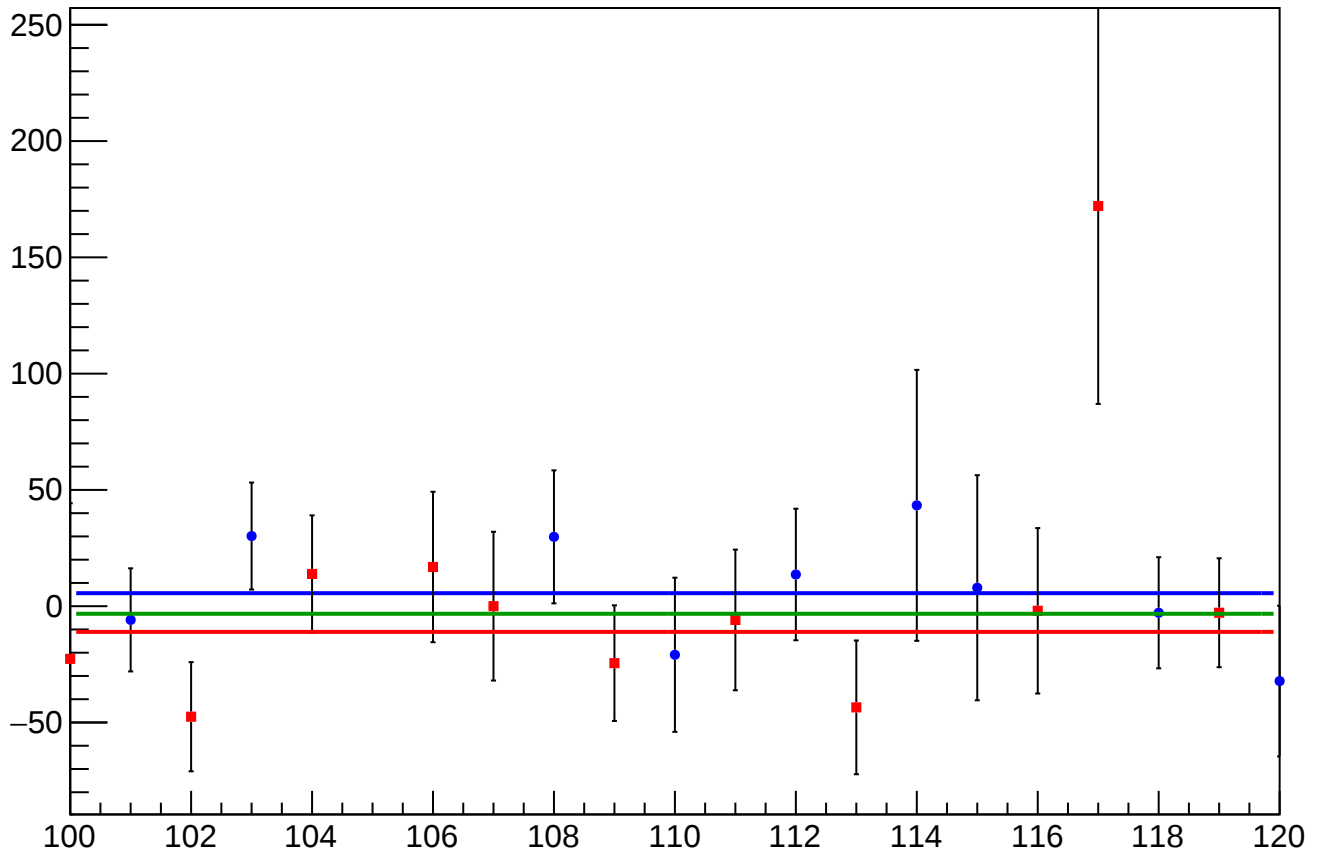
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.165+/-0.070 χ^2/NDF : 514404.4/8

161.932+/-0.045 χ^2/NDF : 1464776.1/19

154.428+/-0.060 χ^2/NDF : 913274.1/10

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.599+/-9.652 χ^2/NDF : 4.8/8

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

Right Out: -11.040+/-9.047 χ^2/NDF : 10.7/10

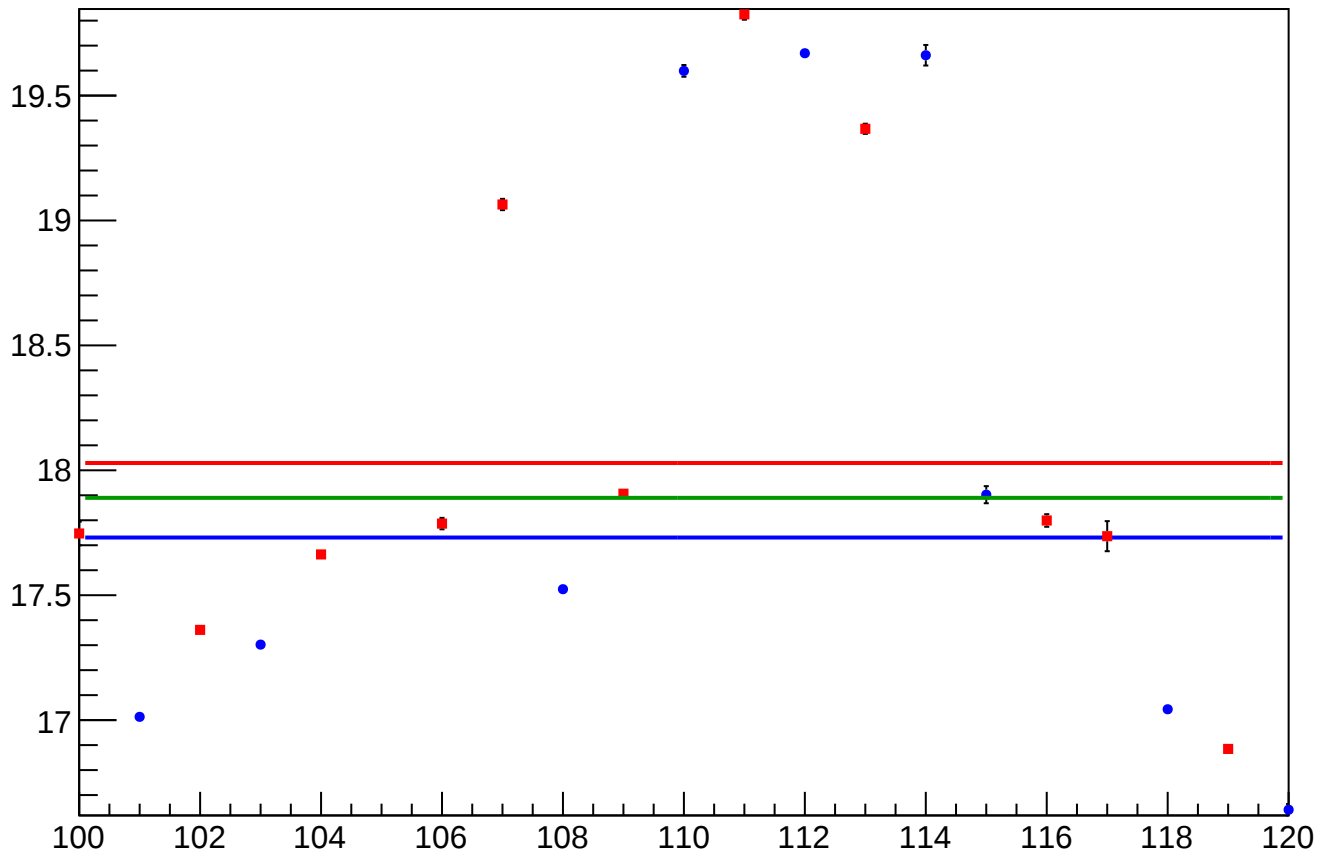
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.599+/-9.652 χ^2/NDF : 4.8/8

-3.258+/-6.601 χ^2/NDF : 17.0/19

-11.040+/-9.047 χ^2/NDF : 10.7/10

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.731+/-0.007 χ^2/NDF : 24782.5/8

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

Right Out: 18.029+/-0.006 χ^2/NDF : 20588.9/10

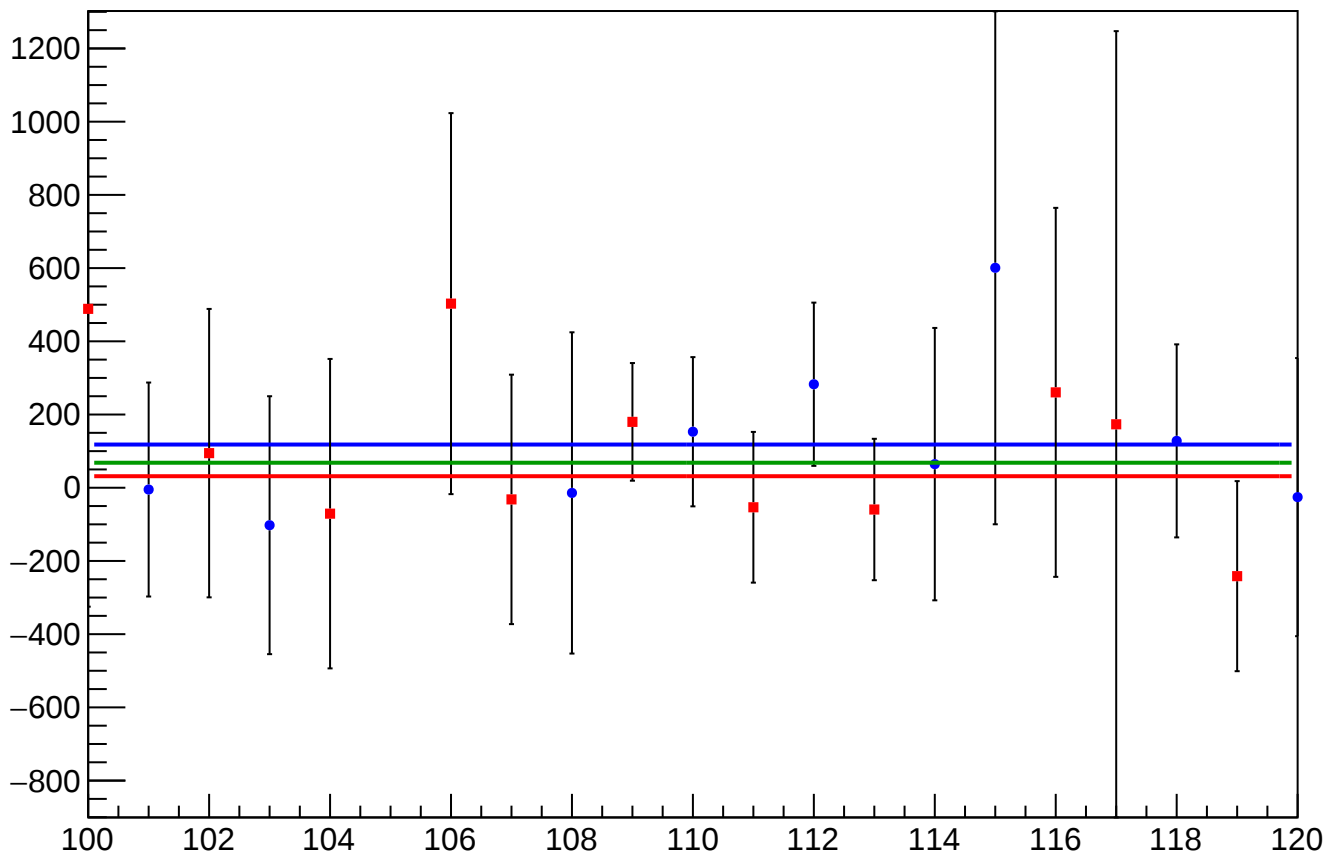
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.731+/-0.007 χ^2/NDF : 24782.5/8

17.890+/-0.005 χ^2/NDF : 46388.4/19

18.029+/-0.006 χ^2/NDF : 20588.9/10

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 118.018+/-100.142 χ^2/NDF : 1.9/8

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

Right Out: 31.494+/-86.190 χ^2/NDF : 3.8/10

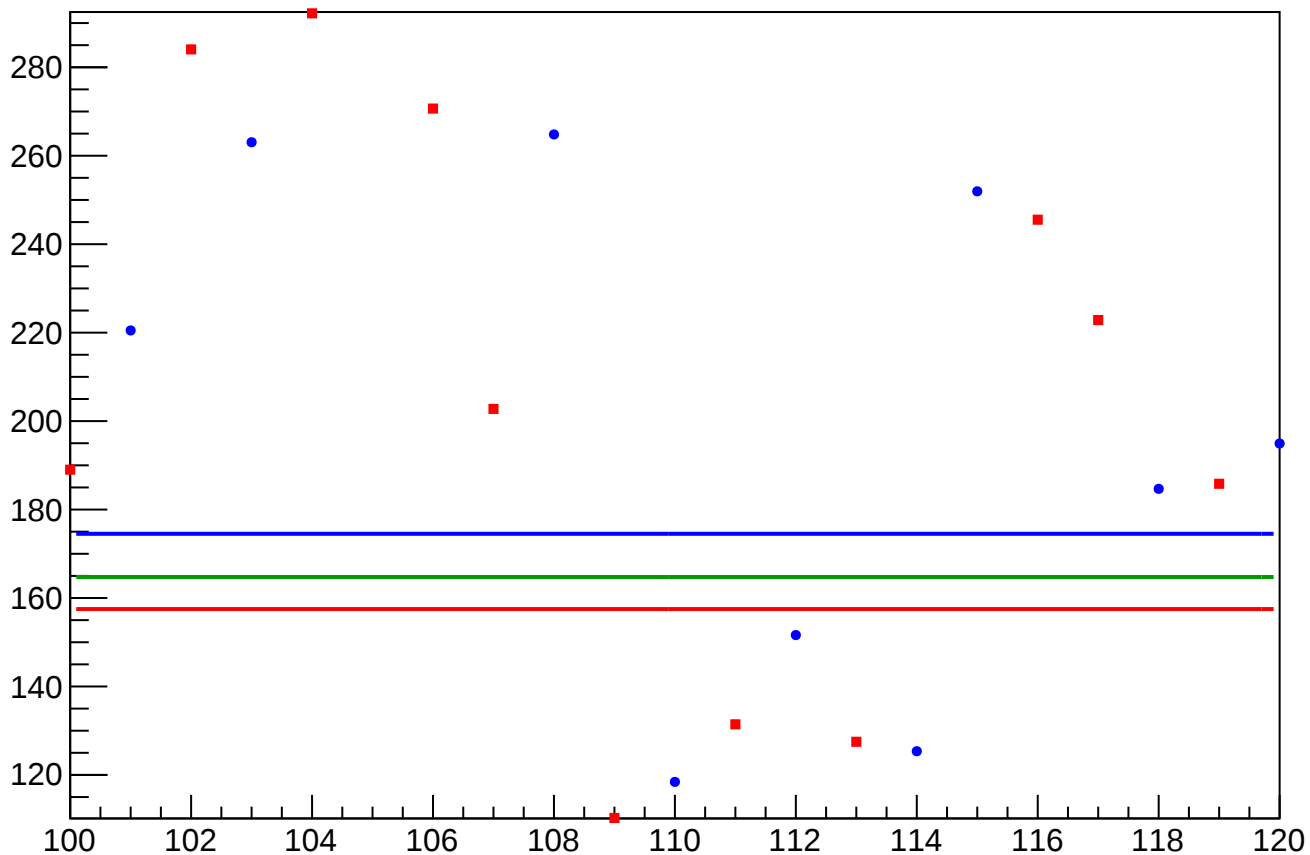
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

118.018+/-100.142 χ^2/NDF : 1.9/8

68.313+/-65.326 χ^2/NDF : 6.1/19

31.494+/-86.190 χ^2/NDF : 3.8/10

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.521+/-0.071 χ^2/NDF : 501119.3/8

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

Right Out: 157.506+/-0.061 χ^2/NDF : 887549.5/10

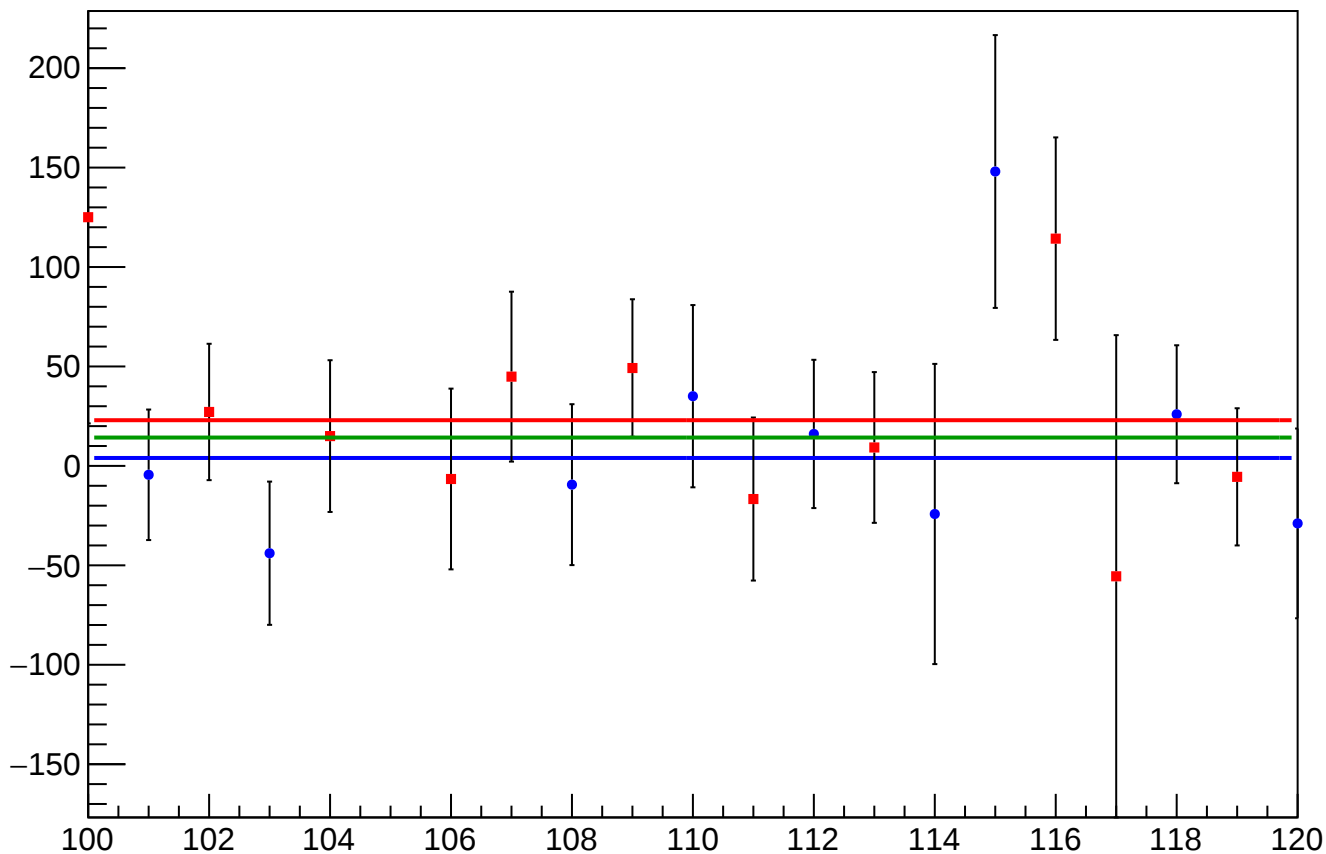
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

174.521+/-0.071 χ^2/NDF : 501119.3/8

164.747+/-0.046 χ^2/NDF : 1421835.5/19

157.506+/-0.061 χ^2/NDF : 887549.5/10

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.987+/-13.914 χ^2/NDF : 7.9/8

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

Right Out: 22.972+/-12.819 χ^2/NDF : 7.7/10

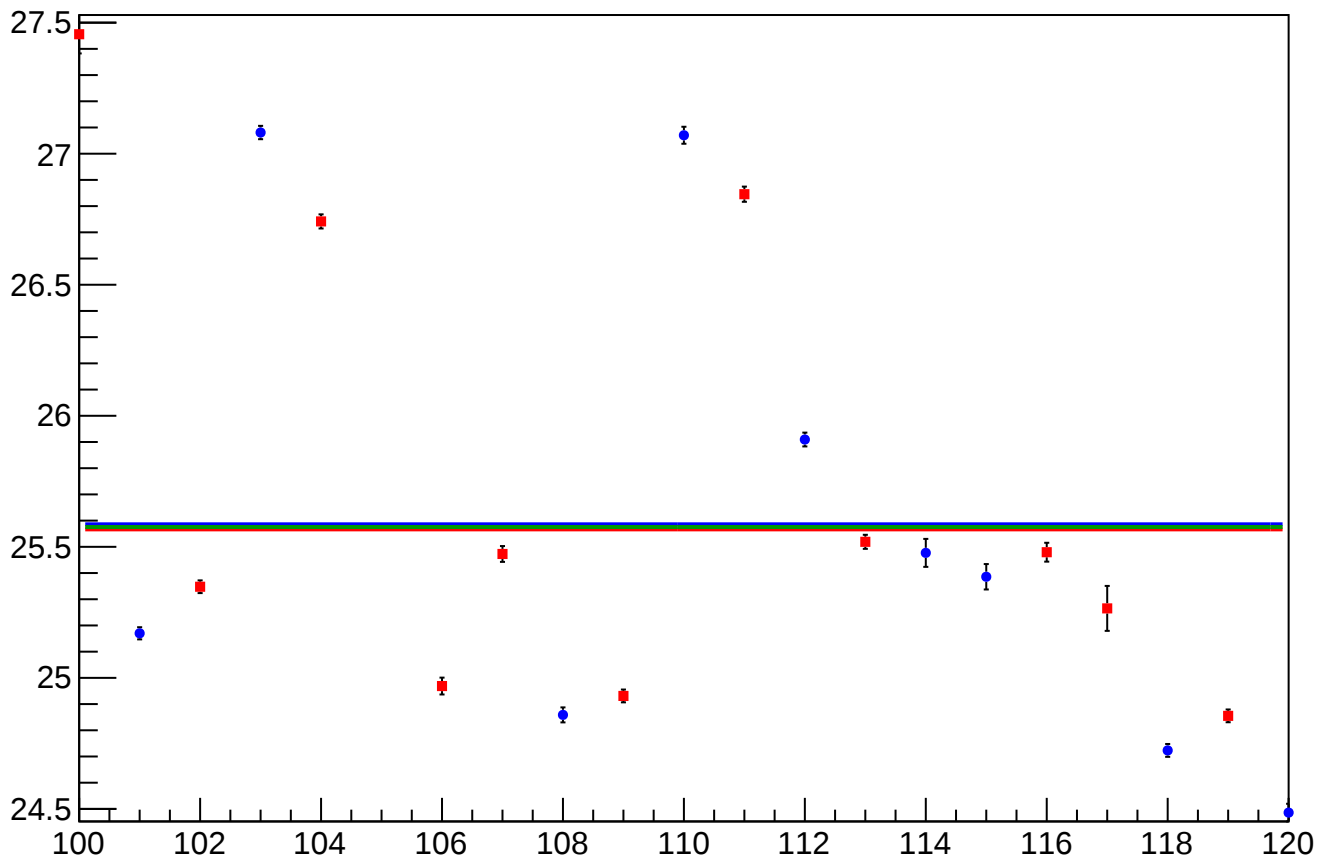
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.987+/-13.914 χ^2/NDF : 7.9/8

14.256+/-9.428 χ^2/NDF : 16.6/19

22.972+/-12.819 χ^2/NDF : 7.7/10

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.586+/-0.010 χ^2/NDF : 8984.8/8

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

Right Out: 25.567+/-0.009 χ^2/NDF : 6493.6/10

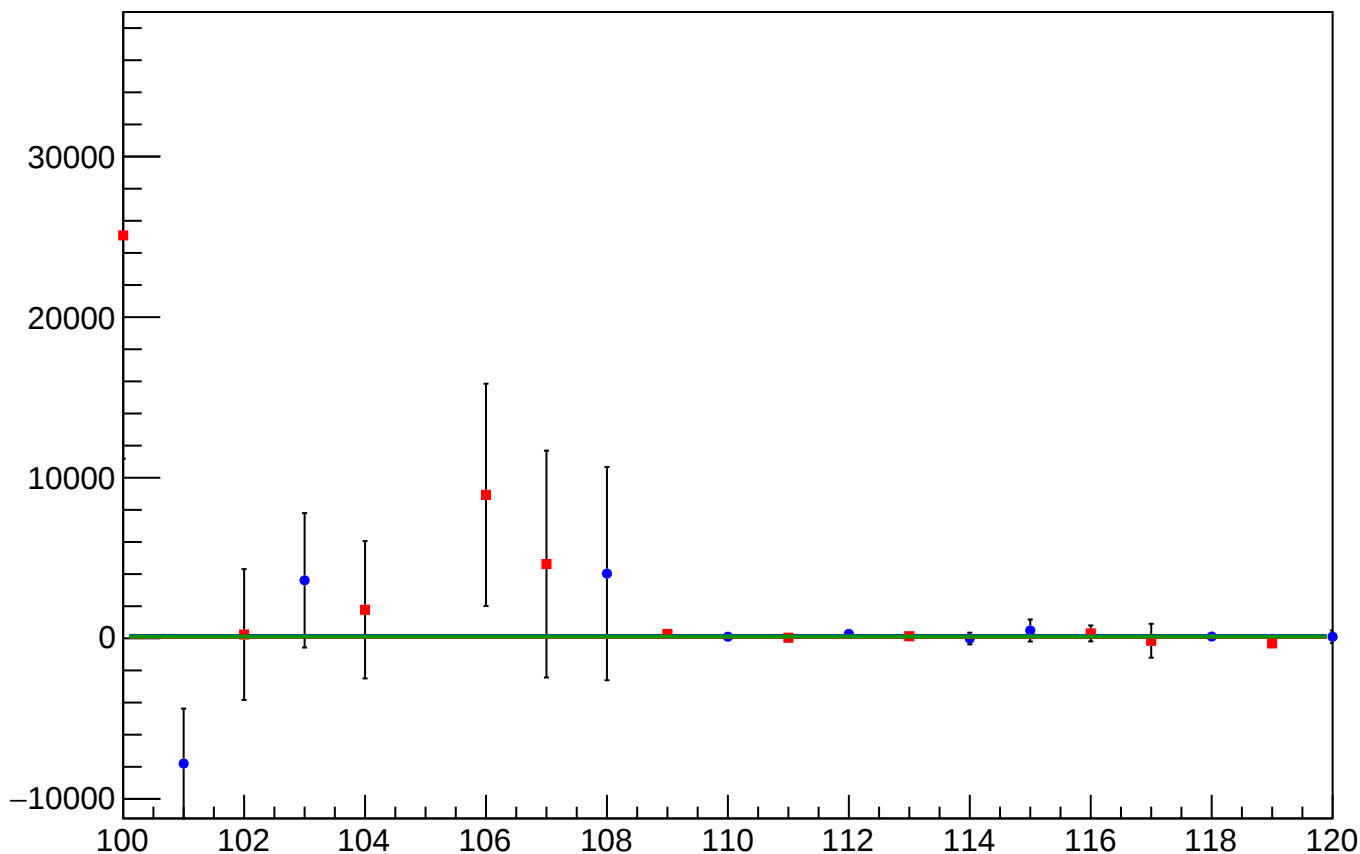
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.586+/-0.010 χ^2/NDF : 8984.8/8

25.575+/-0.007 χ^2/NDF : 15480.5/19

25.567+/-0.009 χ^2/NDF : 6493.6/10

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 144.624+/-114.702 χ^2/NDF : 7.3/8

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

Right Out: 82.794+/-103.889 χ^2/NDF : 8.7/10

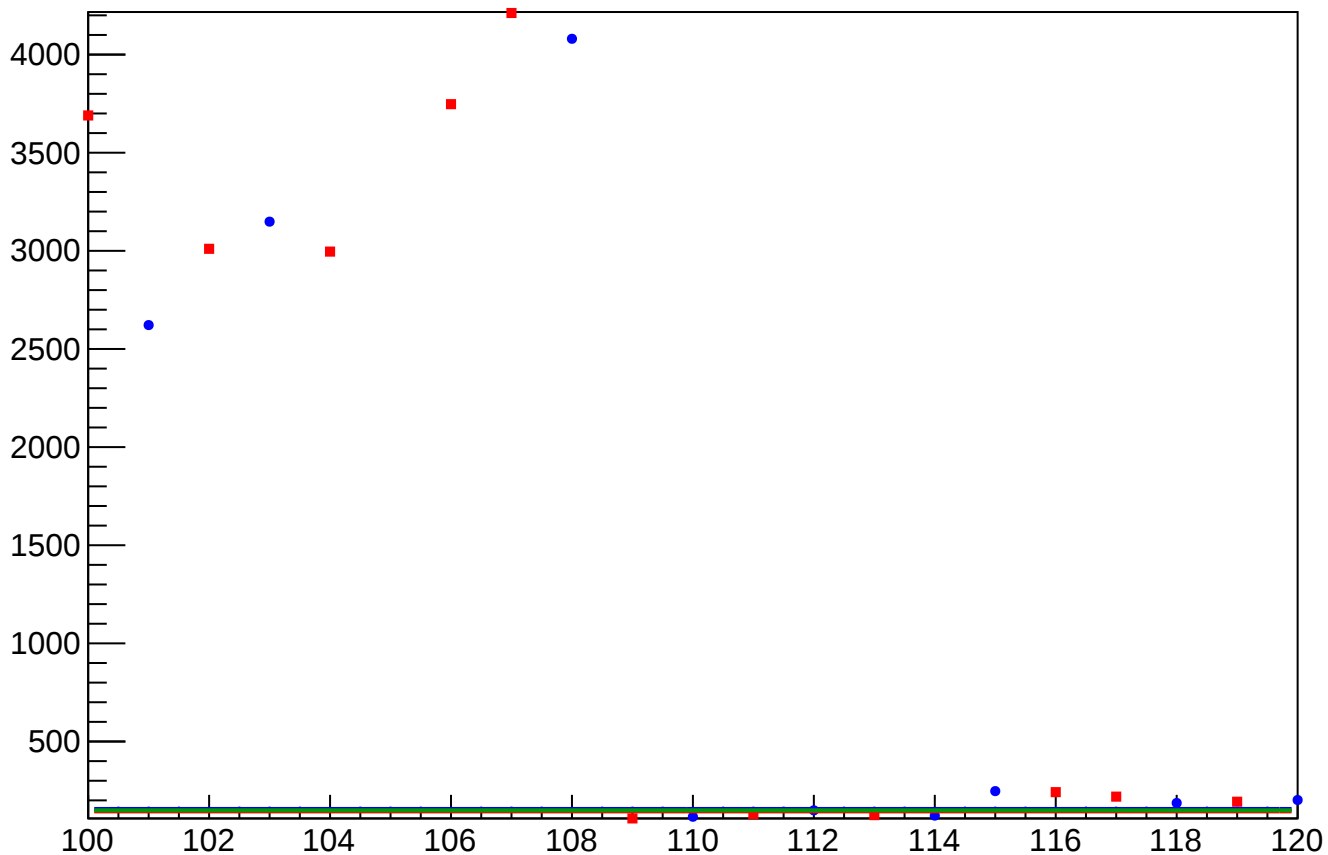
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.624+/-114.702 χ^2/NDF : 7.3/8

110.658+/-77.000 χ^2/NDF : 16.2/19

82.794+/-103.889 χ^2/NDF : 8.7/10

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 156.261+/-0.081 χ^2/NDF : 2945353.1/8

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

Right Out: 143.783+/-0.073 χ^2/NDF : 3456774.3/10

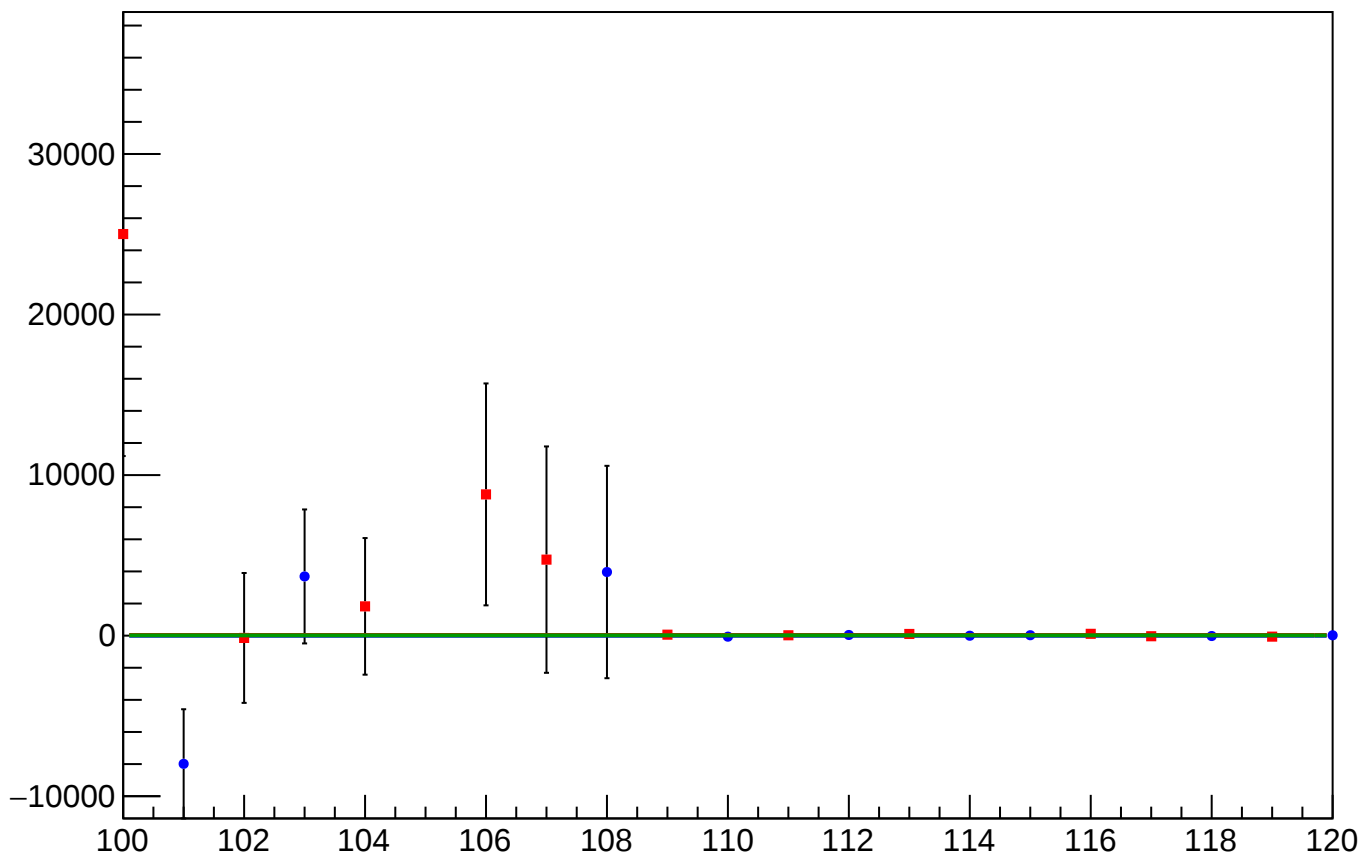
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.261+/-0.081 χ^2/NDF : 2945353.1/8

149.406+/-0.054 χ^2/NDF : 6415129.2/19

143.783+/-0.073 χ^2/NDF : 3456774.3/10

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.188+/-20.350 χ^2/NDF : 10.4/8

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

Right Out: 39.567+/-19.941 χ^2/NDF : 16.4/10

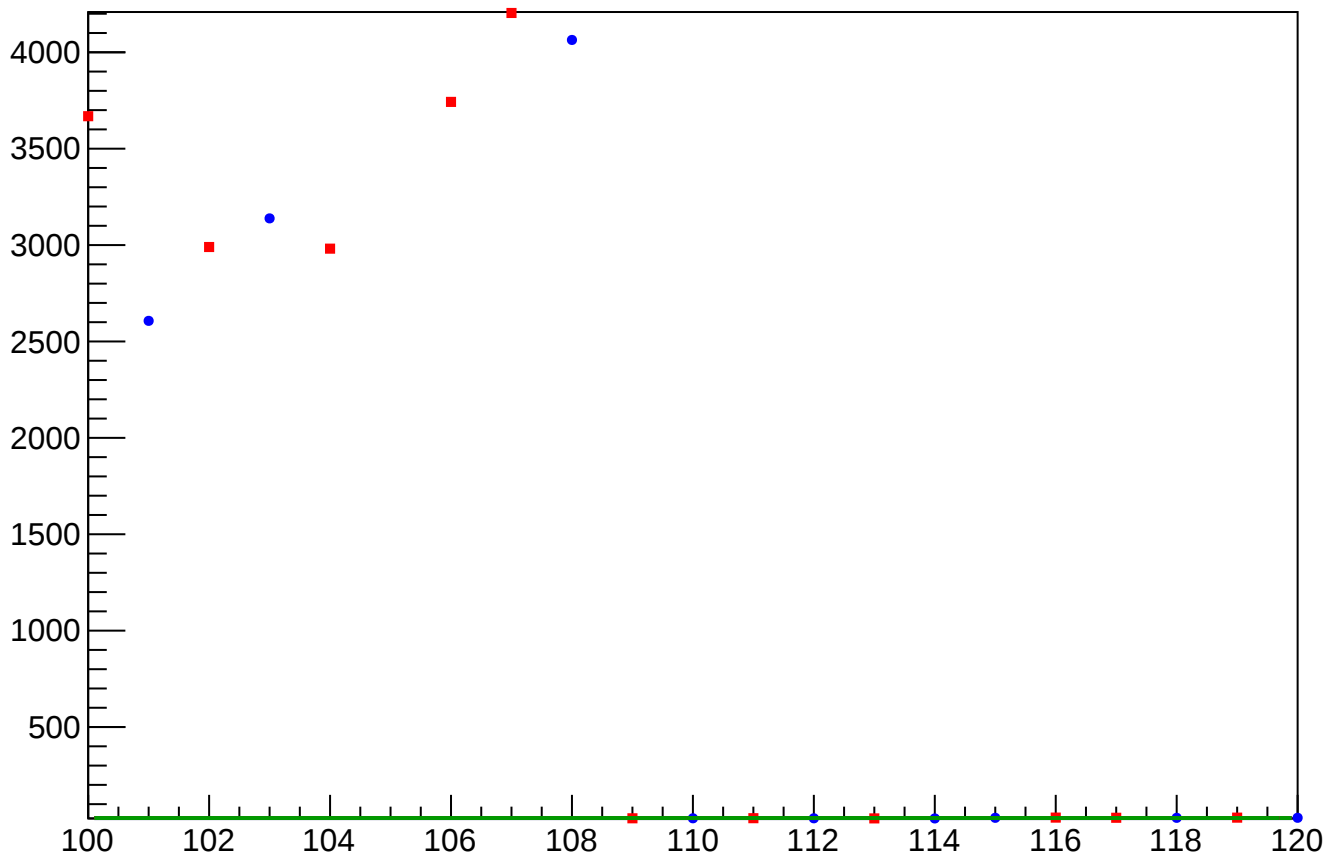
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.188+/-20.350 χ^2/NDF : 10.4/8

18.624+/-14.243 χ^2/NDF : 29.0/19

39.567+/-19.941 χ^2/NDF : 16.4/10

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.889+/-0.014 χ^2/NDF : 3014541.3/8

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

Right Out: 28.050+/-0.014 χ^2/NDF : 3468309.0/10

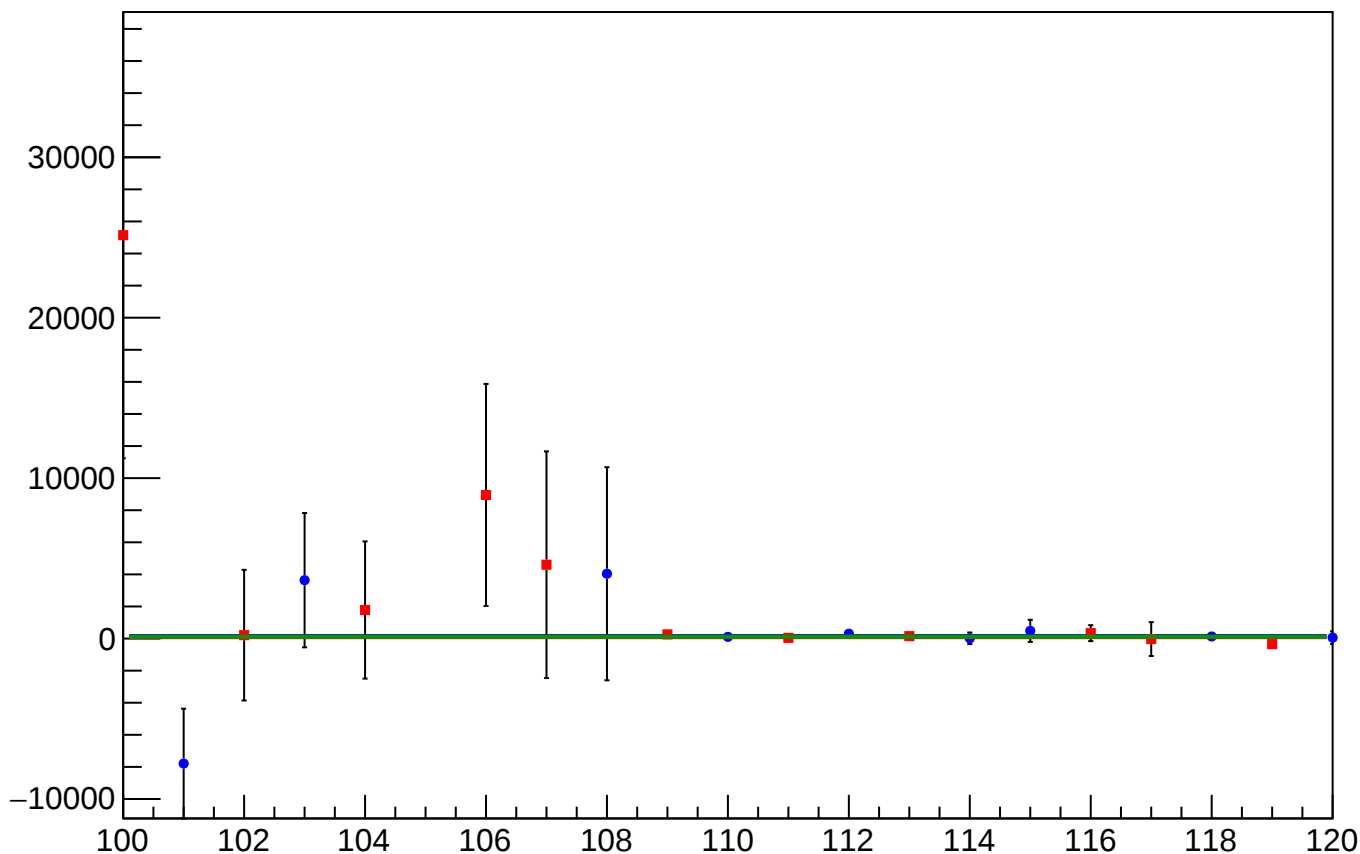
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.889+/-0.014 χ^2/NDF : 3014541.3/8

27.971+/-0.010 χ^2/NDF : 6482914.0/19

28.050+/-0.014 χ^2/NDF : 3468309.0/10

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 155.414+/-114.213 χ^2/NDF : 7.4/8

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

Right Out: 86.379+/-103.411 χ^2/NDF : 9.1/10

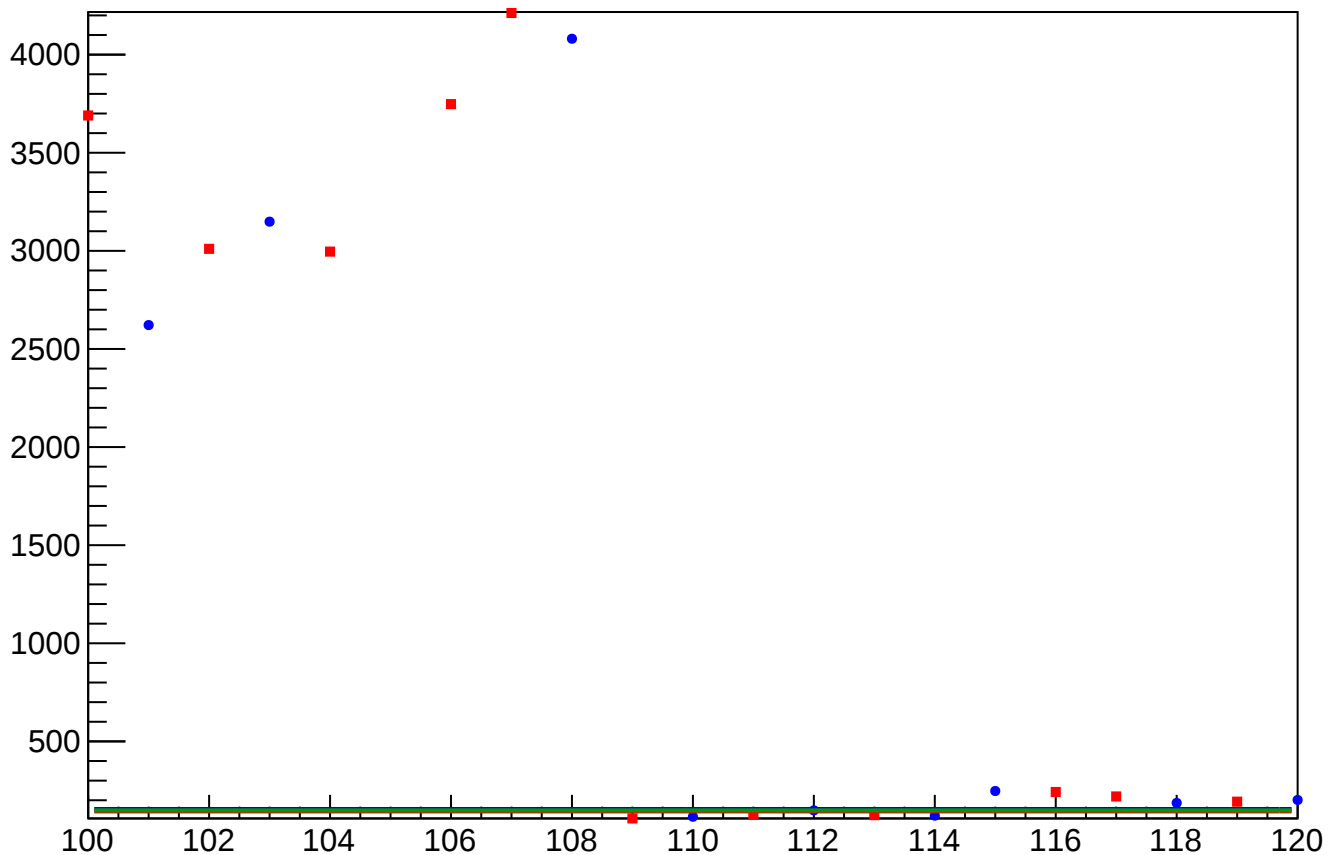
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

155.414+/-114.213 χ^2/NDF : 7.4/8

117.478+/-76.658 χ^2/NDF : 16.7/19

86.379+/-103.411 χ^2/NDF : 9.1/10

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 155.510 $\pm$ 0.081 χ^2 /NDF: 2949330.2/8

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

Right Out: 143.029 $\pm$ 0.073 χ^2 /NDF: 3461423.1/10

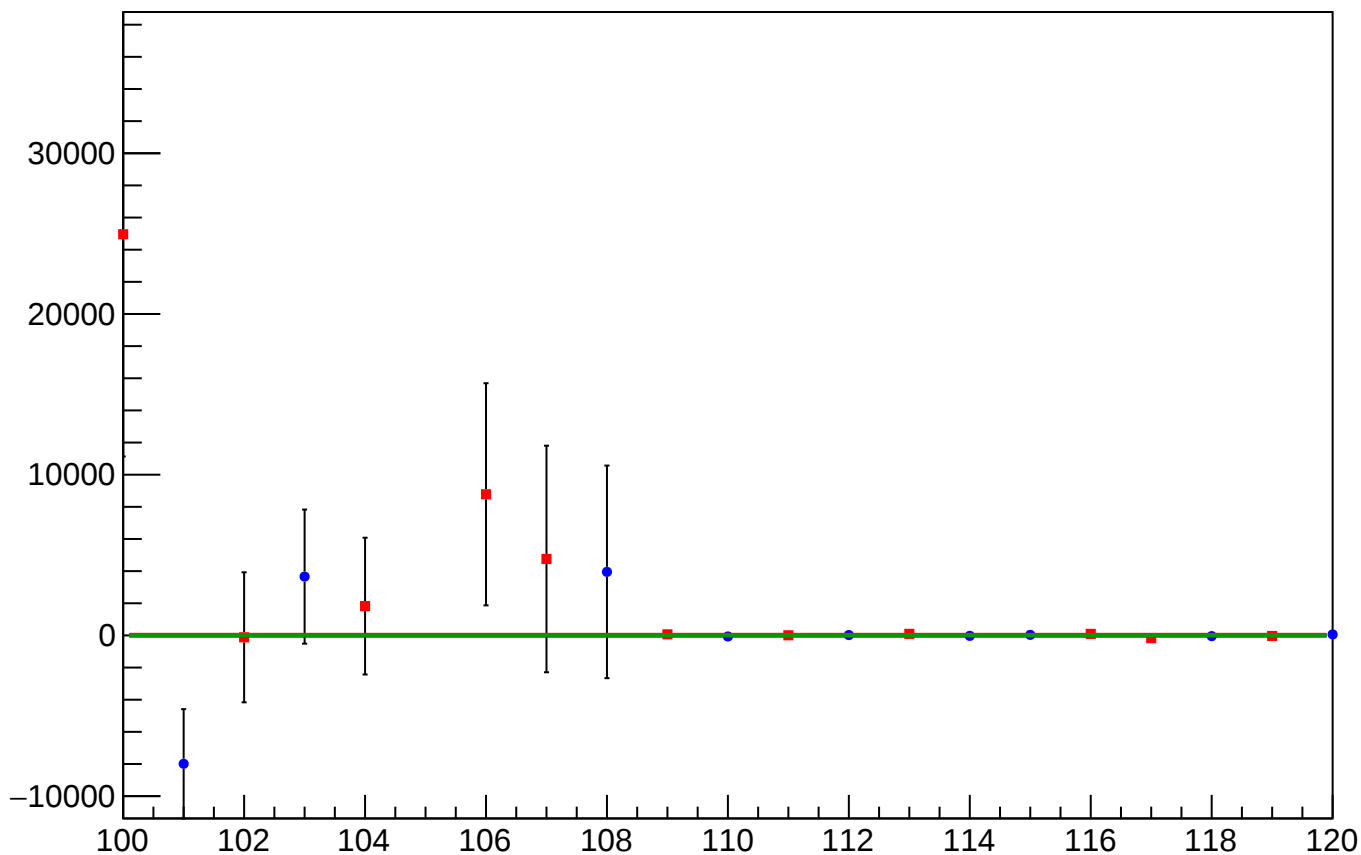
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

155.510 $\pm$ 0.081 χ^2 /NDF: 2949330.2/8

148.651 $\pm$ 0.054 χ^2 /NDF: 6423878.2/19

143.029 $\pm$ 0.073 χ^2 /NDF: 3461423.1/10

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.469+/-20.445 χ^2/NDF : 11.6/8

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

Right Out: 36.555+/-20.071 χ^2/NDF : 14.6/10

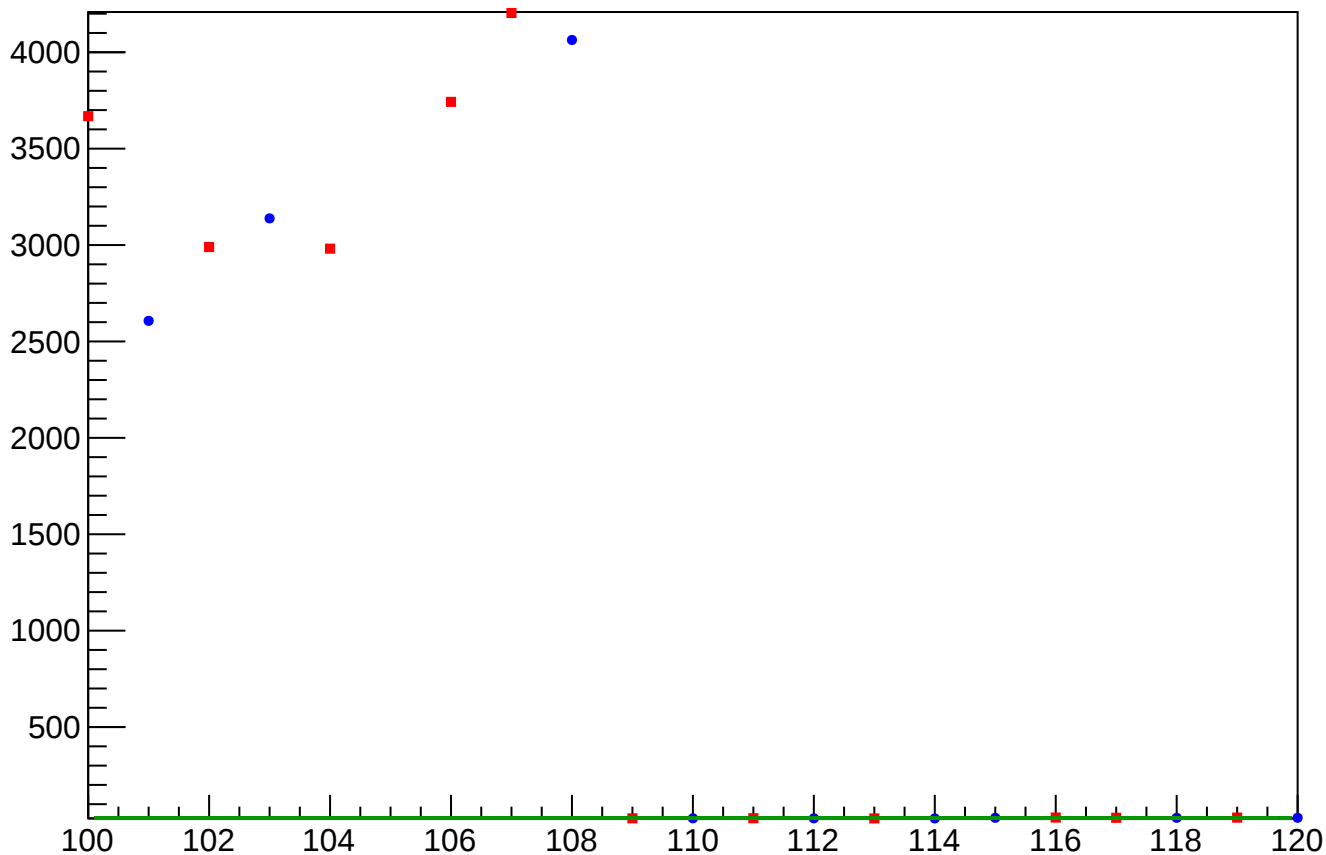
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.469+/-20.445 χ^2/NDF : 11.6/8

13.476+/-14.323 χ^2/NDF : 28.9/19

36.555+/-20.071 χ^2/NDF : 14.6/10

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.015+/-0.014 χ^2/NDF : 3015394.4/8

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

Right Out: 28.227+/-0.014 χ^2/NDF : 3470280.4/10

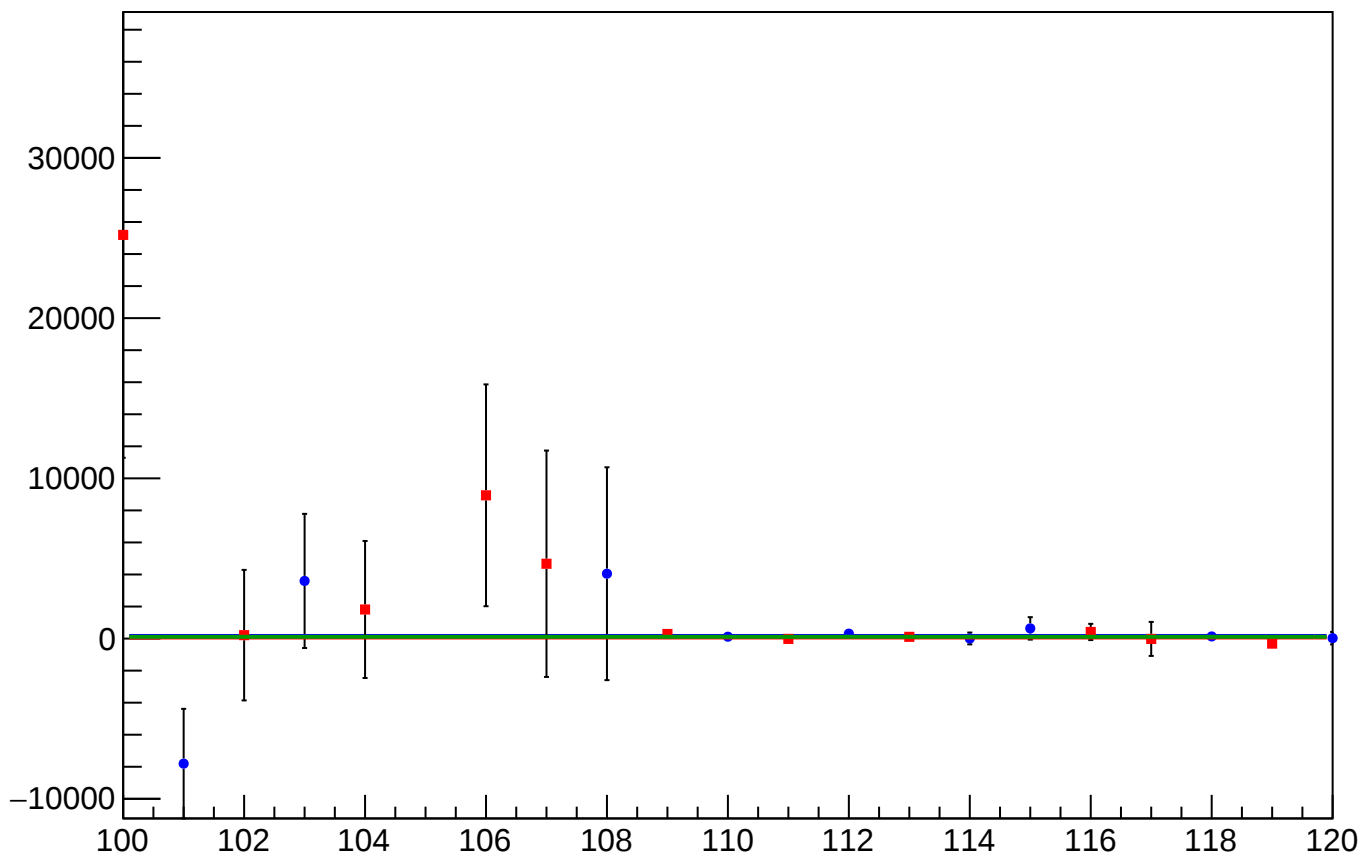
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.015+/-0.014 χ^2/NDF : 3015394.4/8

28.123+/-0.010 χ^2/NDF : 6485784.5/19

28.227+/-0.014 χ^2/NDF : 3470280.4/10

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 162.598+/-115.968 χ^2/NDF : 7.7/8

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

Right Out: 68.416+/-105.262 χ^2/NDF : 9.2/10

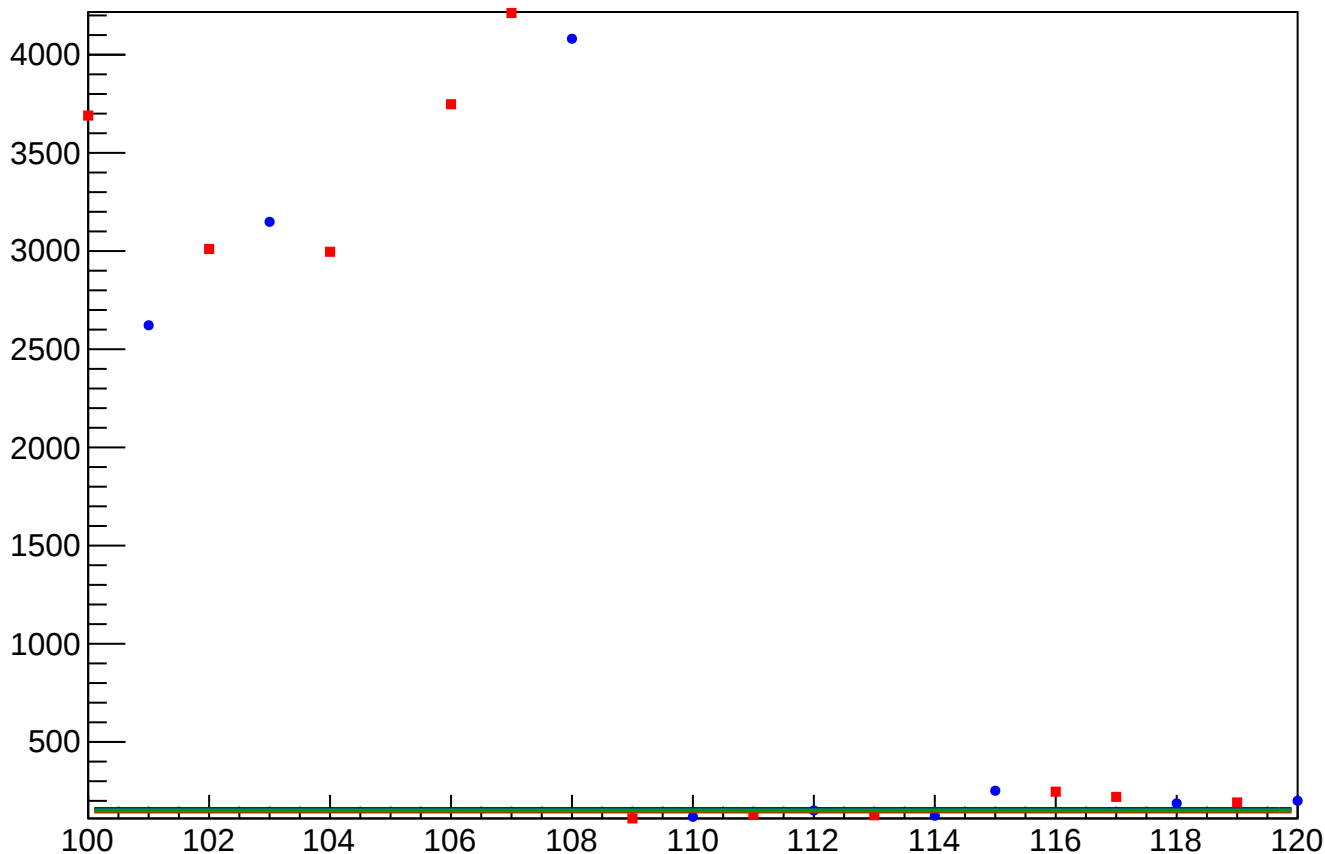
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

162.598+/-115.968 χ^2/NDF : 7.7/8

110.961+/-77.942 χ^2/NDF : 17.3/19

68.416+/-105.262 χ^2/NDF : 9.2/10

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.299+/-0.082 χ^2/NDF : 2931498.9/8

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

Right Out: 146.051+/-0.074 χ^2/NDF : 3441439.0/10

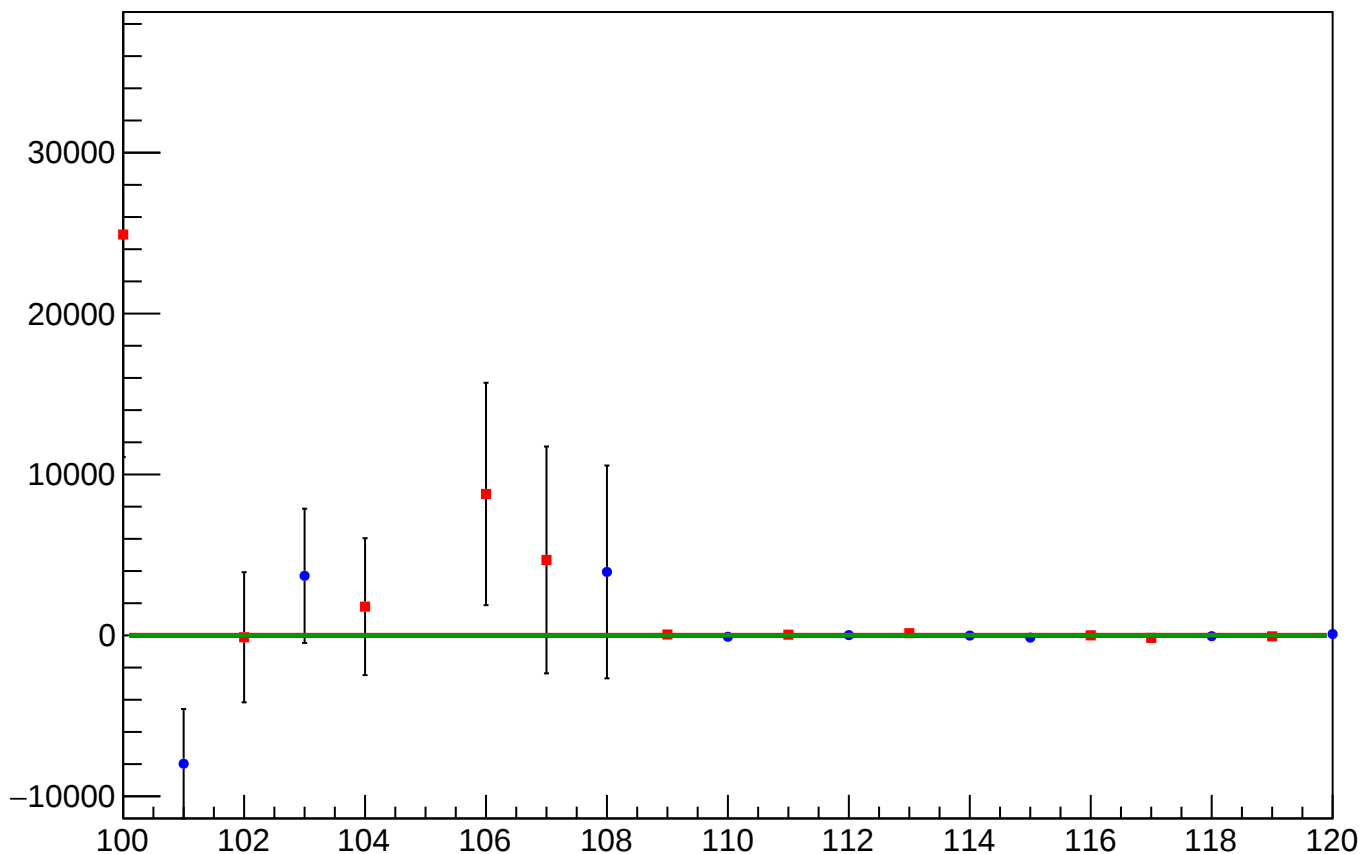
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

158.299+/-0.082 χ^2/NDF : 2931498.9/8

151.583+/-0.055 χ^2/NDF : 6385169.4/19

146.051+/-0.074 χ^2/NDF : 3441439.0/10

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -24.143+/-24.893 χ^2/NDF : 12.9/8

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

Right Out: 34.671+/-24.302 χ^2/NDF : 15.2/10

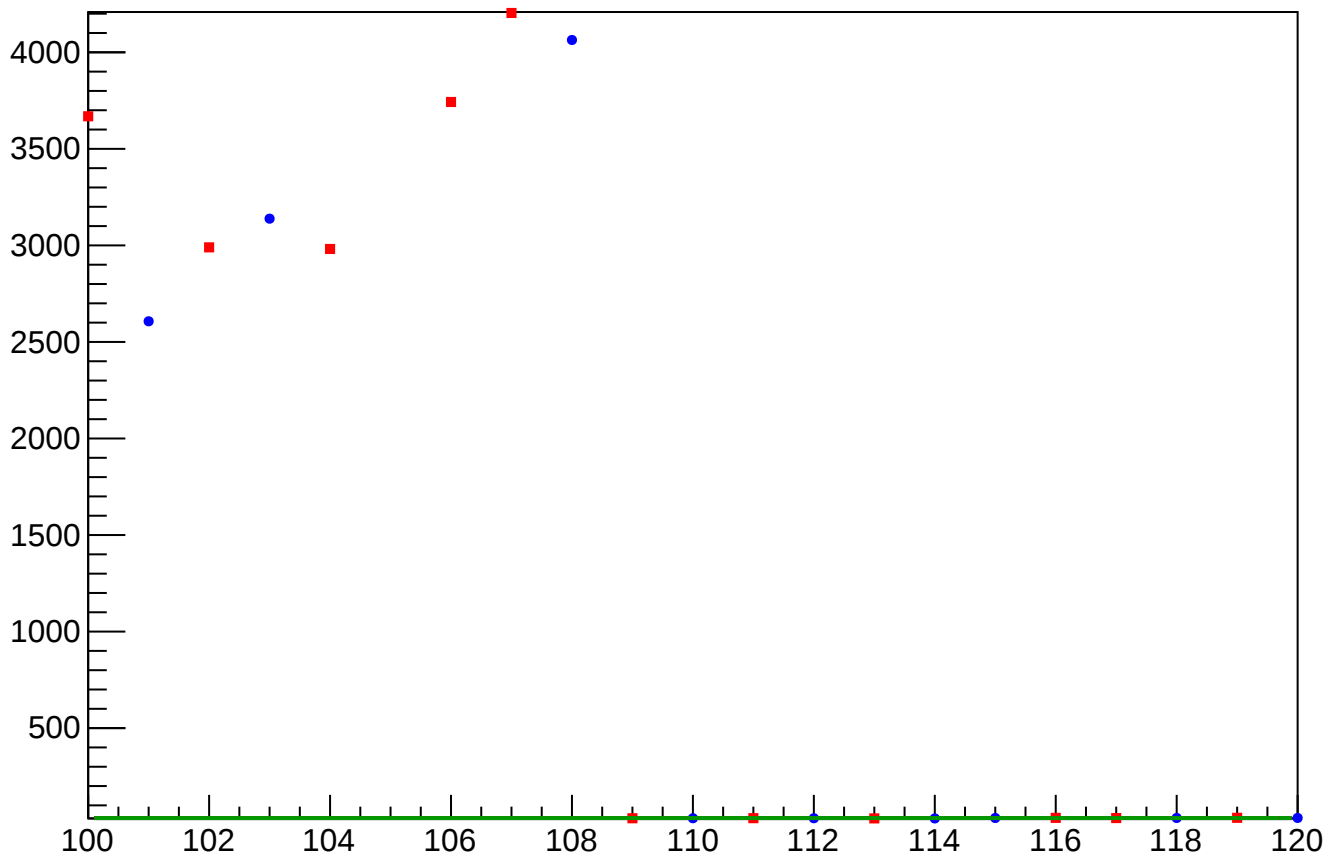
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-24.143+/-24.893 χ^2/NDF : 12.9/8

5.971+/-17.389 χ^2/NDF : 31.0/19

34.671+/-24.302 χ^2/NDF : 15.2/10

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.209 $\pm$ 0.018 χ^2 /NDF: 2996478.0/8

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

Right Out: 34.292 $\pm$ 0.017 χ^2 /NDF: 3446057.7/10

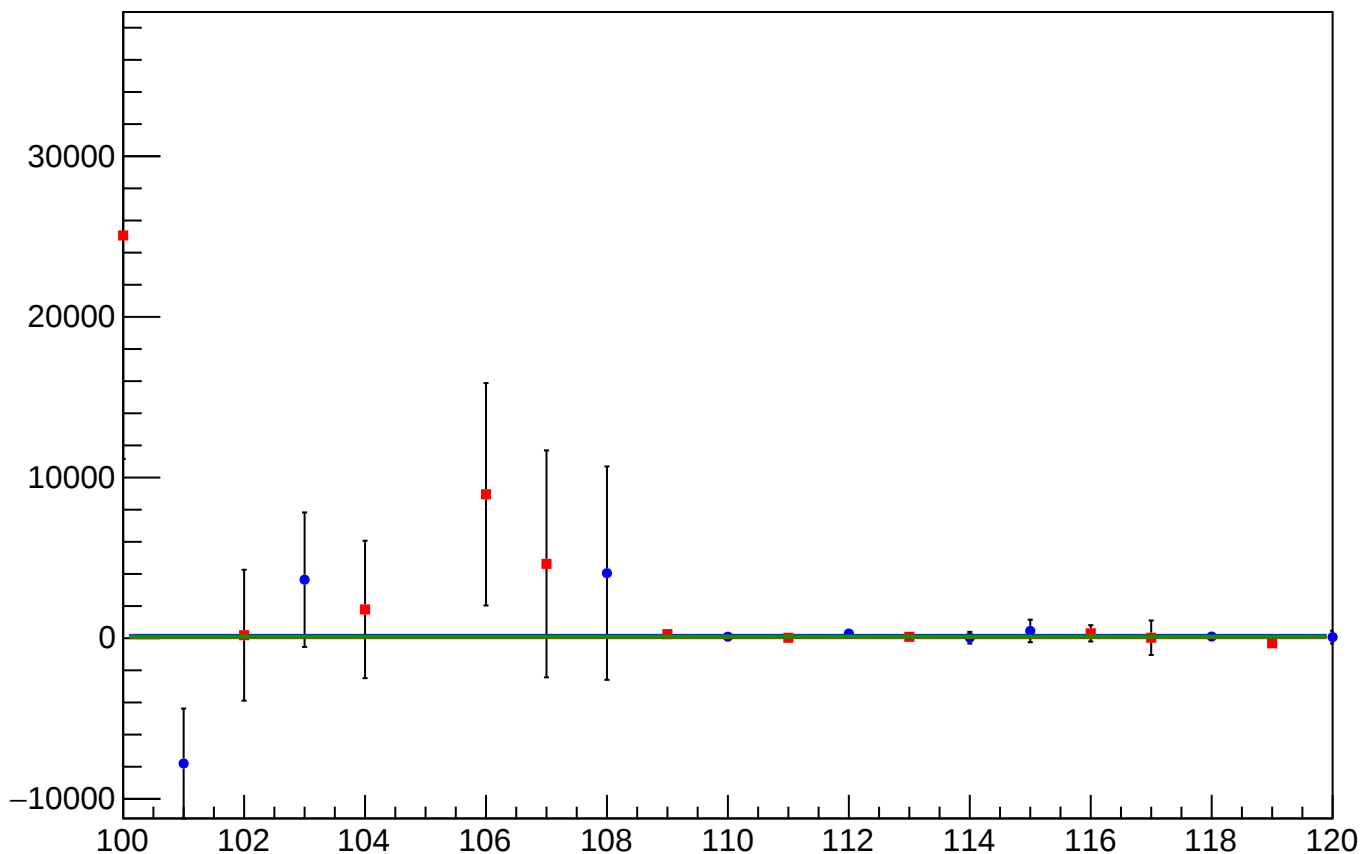
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.209 $\pm$ 0.018 χ^2 /NDF: 2996478.0/8

34.251 $\pm$ 0.012 χ^2 /NDF: 6442547.1/19

34.292 $\pm$ 0.017 χ^2 /NDF: 3446057.7/10

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 145.662+/-115.154 χ^2/NDF : 7.3/8

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

Right Out: 65.372+/-104.349 χ^2/NDF : 8.5/10

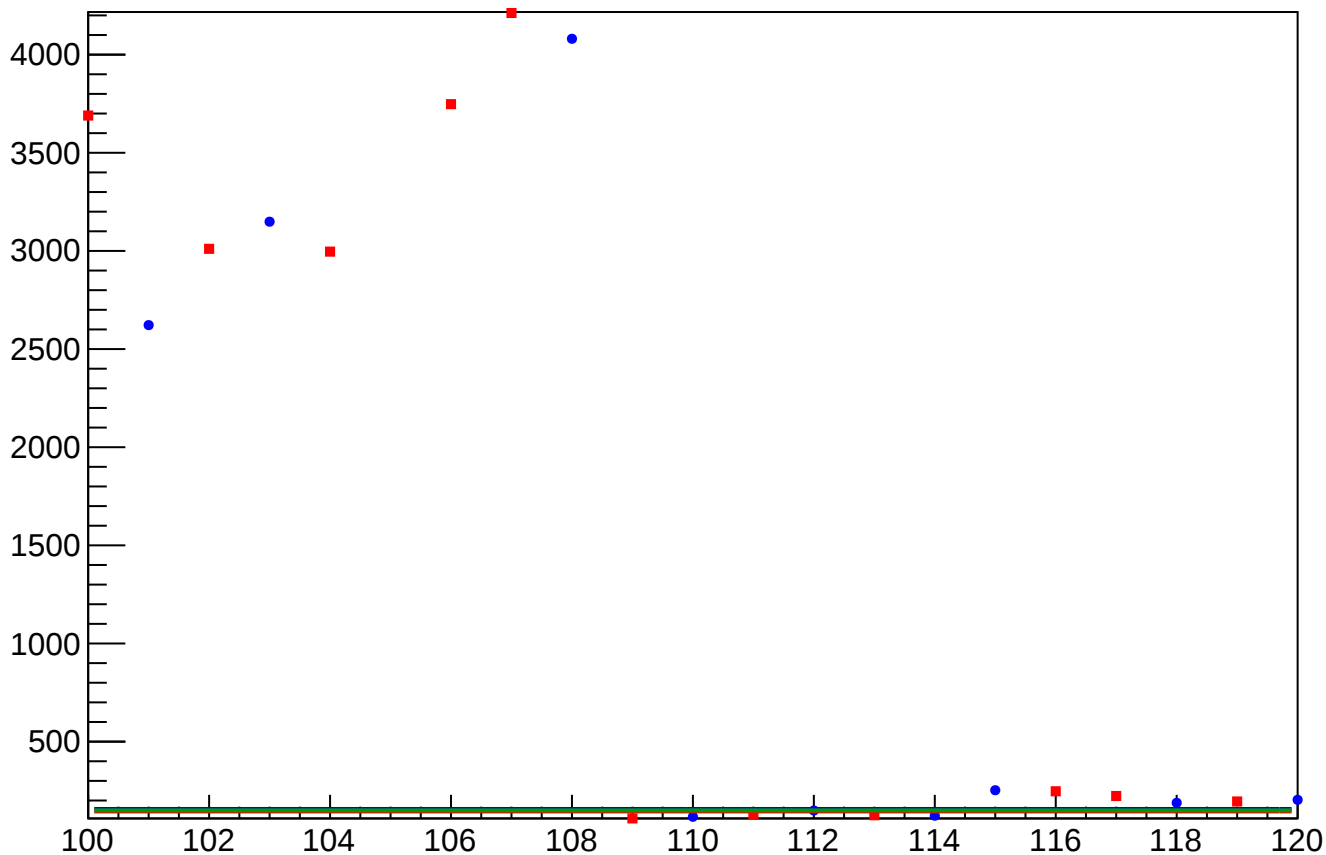
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

145.662+/-115.154 χ^2/NDF : 7.3/8

101.574+/-77.324 χ^2/NDF : 16.0/19

65.372+/-104.349 χ^2/NDF : 8.5/10

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 156.840+/-0.081 χ^2/NDF : 2948483.3/8

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

Right Out: 144.367+/-0.074 χ^2/NDF : 3462707.9/10

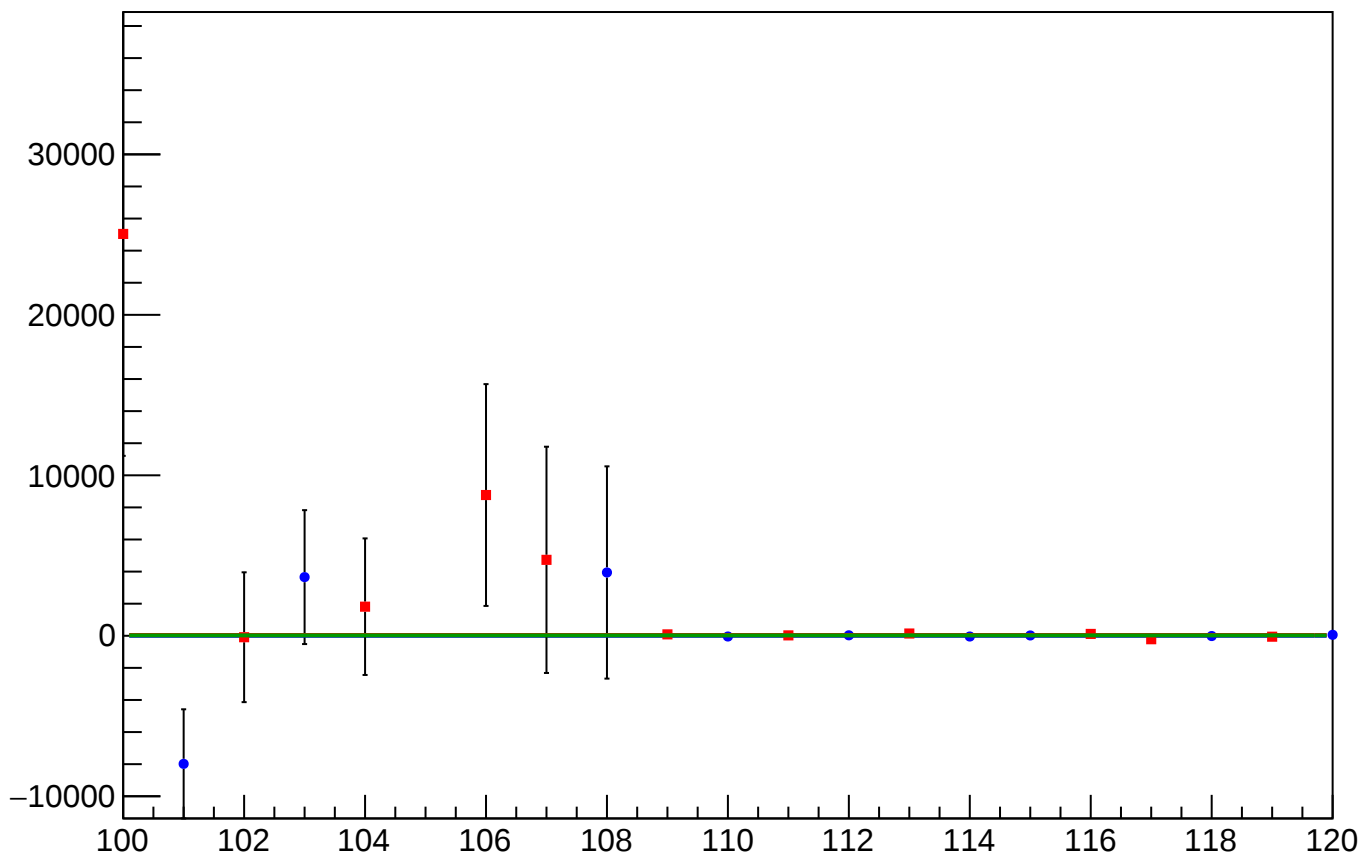
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.840+/-0.081 χ^2/NDF : 2948483.3/8

149.991+/-0.055 χ^2/NDF : 6424075.2/19

144.367+/-0.074 χ^2/NDF : 3462707.9/10

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.377+/-23.008 χ^2/NDF : 9.2/8

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

Right Out: 47.845+/-22.476 χ^2/NDF : 20.1/10

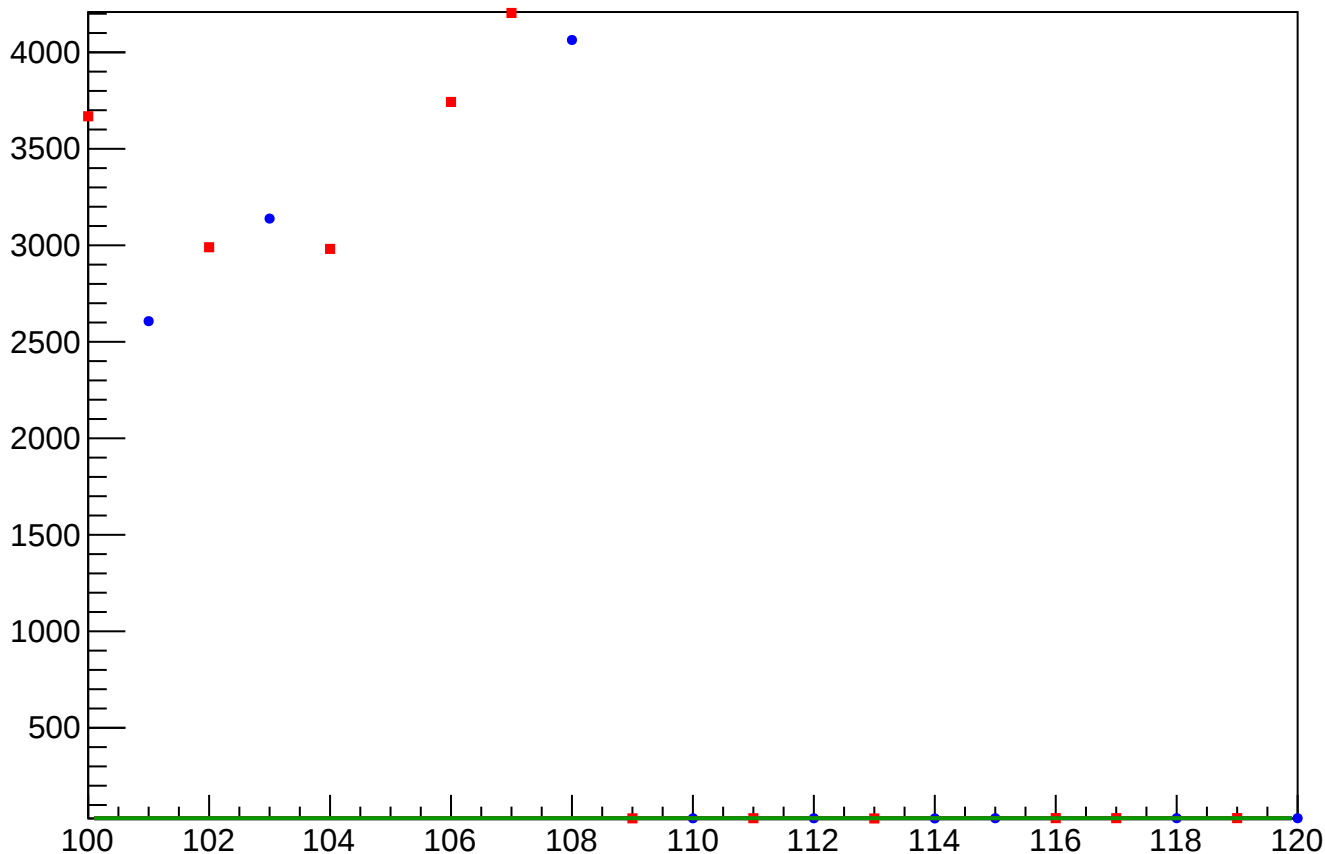
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.377+/-23.008 χ^2/NDF : 9.2/8

25.154+/-16.078 χ^2/NDF : 31.3/19

47.845+/-22.476 χ^2/NDF : 20.1/10

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.604 $\pm$ 0.016 χ^2 /NDF: 2999618.7/8

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

Right Out: 31.705 $\pm$ 0.016 χ^2 /NDF: 3448194.3/10

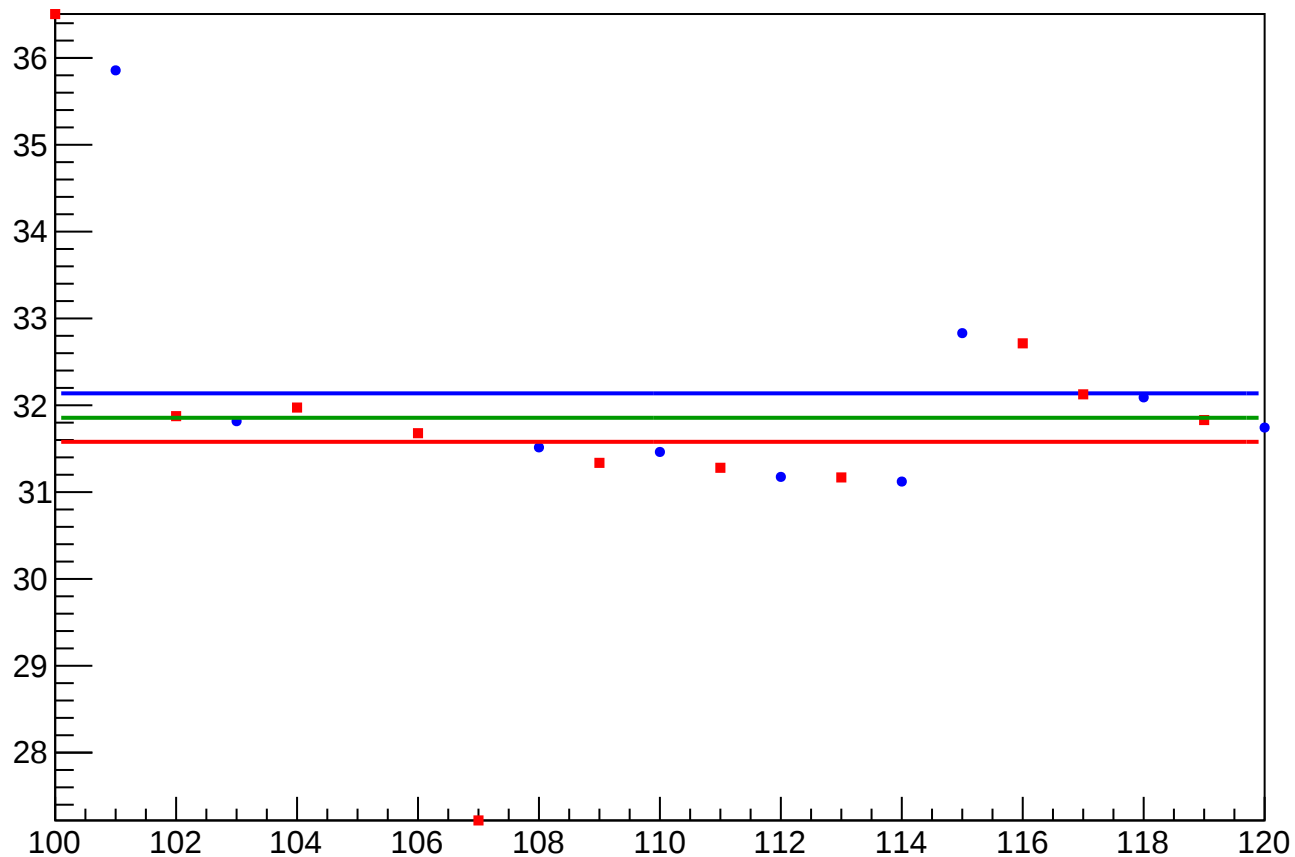
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.604 $\pm$ 0.016 χ^2 /NDF: 2999618.7/8

31.656 $\pm$ 0.011 χ^2 /NDF: 6447832.7/19

31.705 $\pm$ 0.016 χ^2 /NDF: 3448194.3/10

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.137+/-0.000 χ^2/NDF : 979336327.3/8

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

Right Out: 31.579+/-0.000 χ^2/NDF : 496868806.6/10

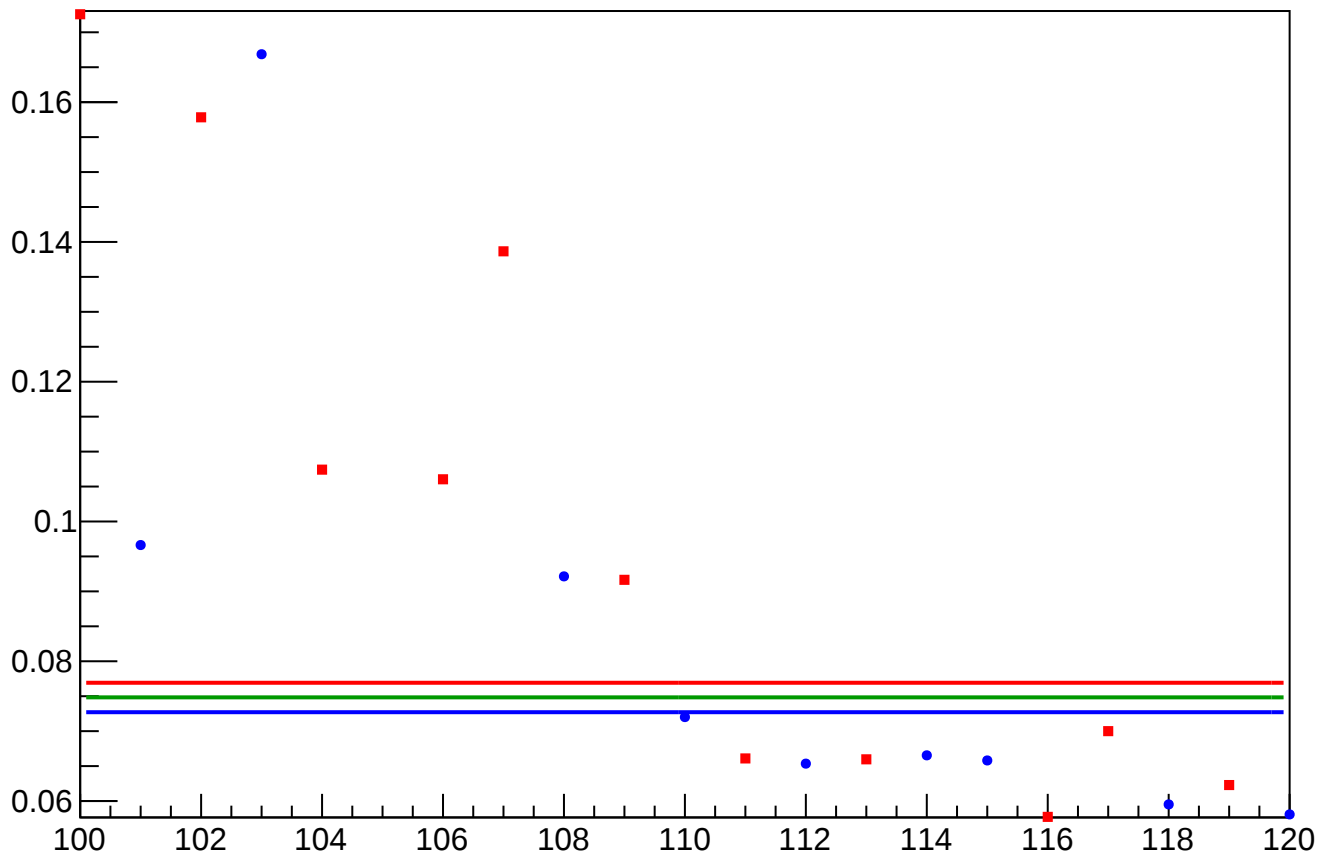
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.137+/-0.000 χ^2/NDF : 979336327.3/8

31.856+/-0.000 χ^2/NDF : 1560418421.9/1

31.579+/-0.000 χ^2/NDF : 496868806.6/10

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 534665.1/8

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

Right Out: 0.077+/-0.000 χ^2/NDF : 706511.3/10

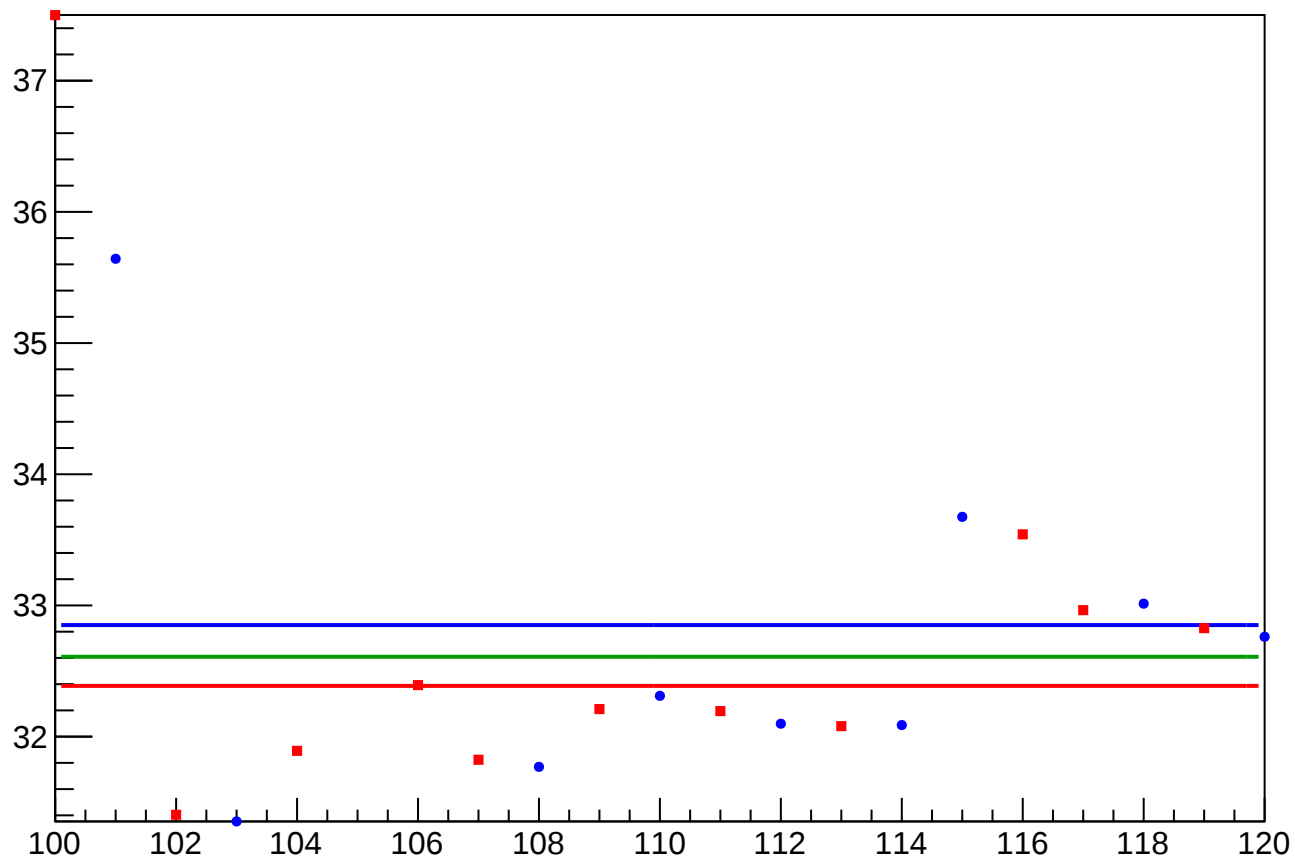
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.073+/-0.000 χ^2/NDF : 534665.1/8

0.075+/-0.000 χ^2/NDF : 1250770.3/19

0.077+/-0.000 χ^2/NDF : 706511.3/10

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.850+/-0.000 χ^2/NDF : 455093403.8/8

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

Right Out: 32.387+/-0.000 χ^2/NDF : 143774643.3/10

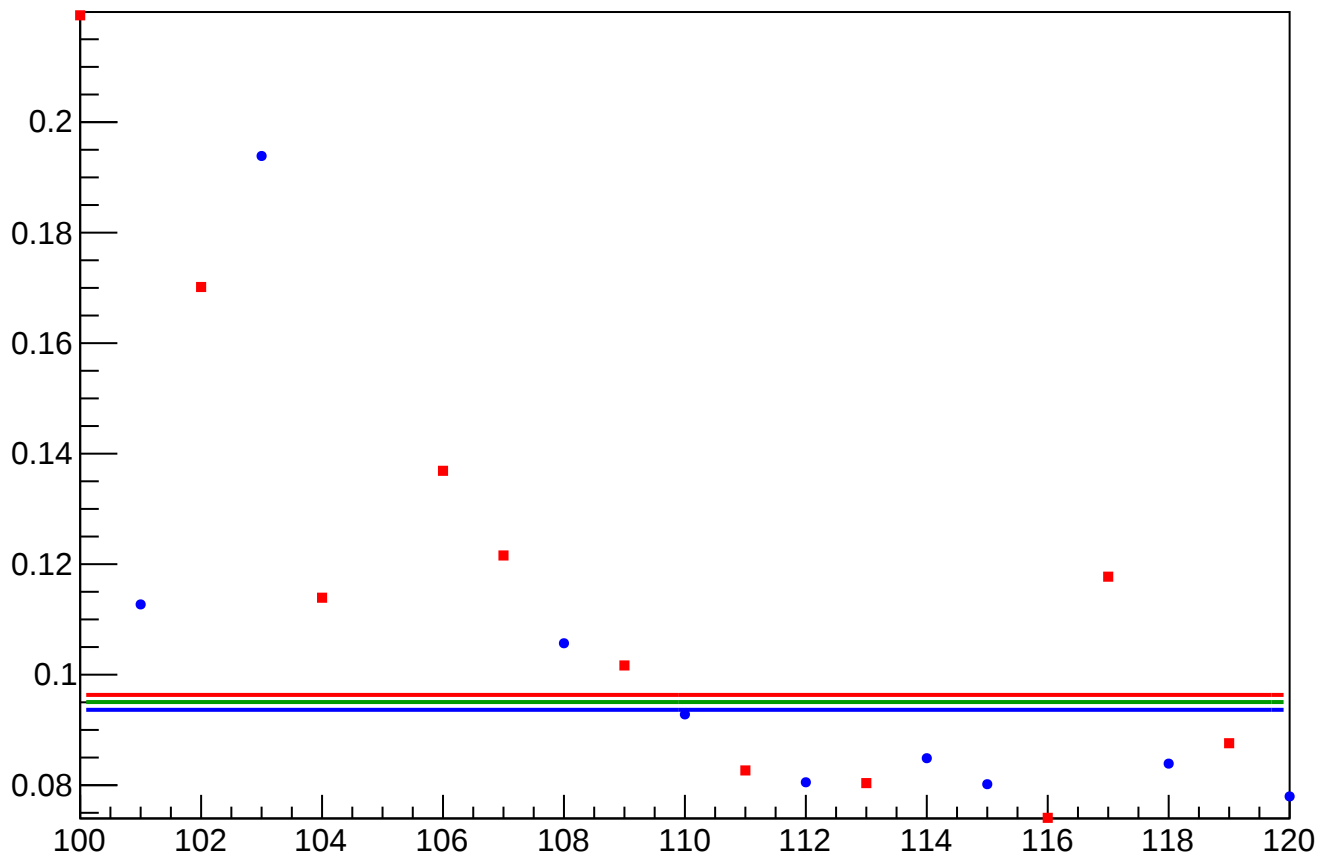
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.850+/-0.000 χ^2/NDF : 455093403.8/8

32.609+/-0.000 χ^2/NDF : 635699138.7/19

32.387+/-0.000 χ^2/NDF : 143774643.3/10

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 396629.0/8

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

Right Out: 0.096+/-0.000 χ^2/NDF : 428368.5/10

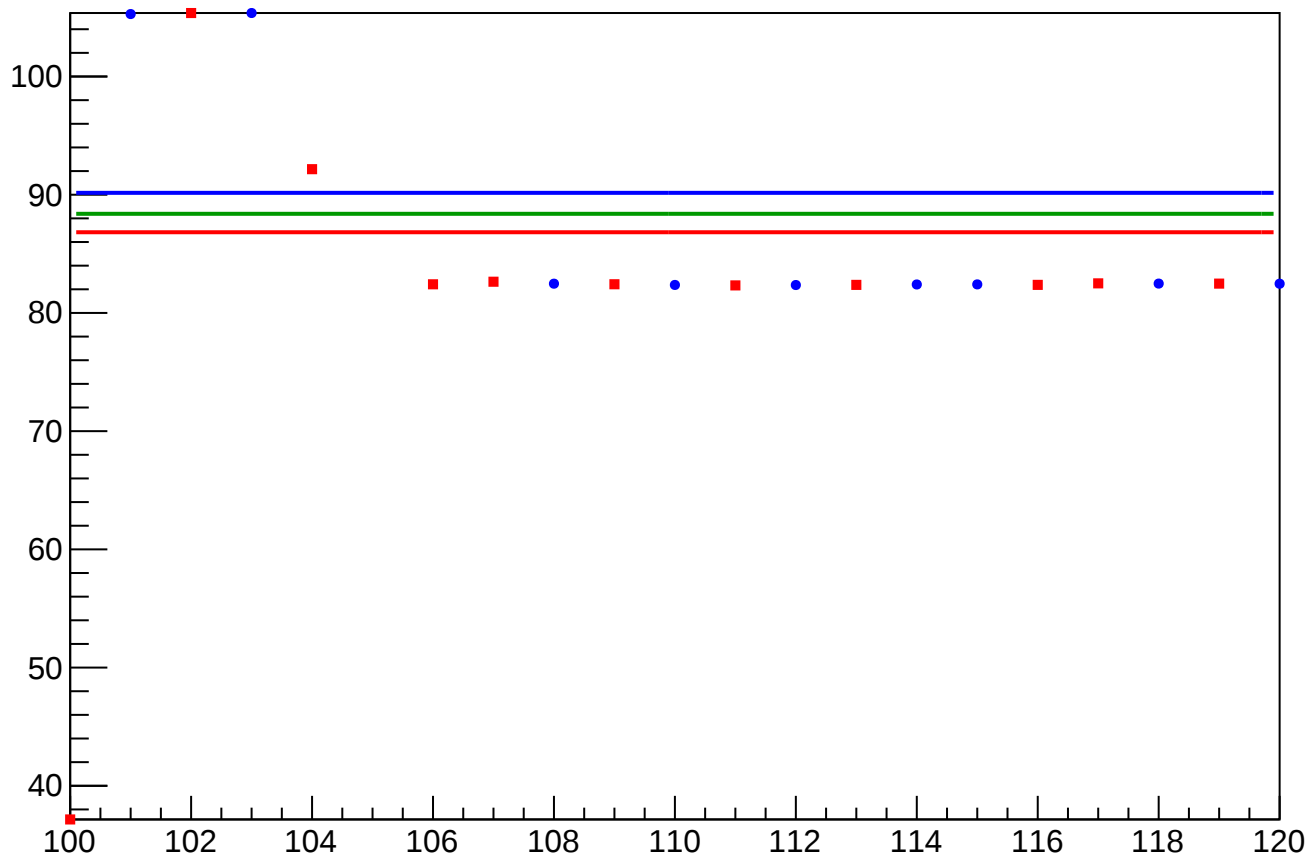
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.094+/-0.000 χ^2/NDF : 396629.0/8

0.095+/-0.000 χ^2/NDF : 827493.7/19

0.096+/-0.000 χ^2/NDF : 428368.5/10

yield_dsl_mean vs Slug, Sign Corrected



Right In: 90.160+/-0.000 χ^2/NDF : 233536423709.4/8

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

Right Out: 86.826+/-0.000 χ^2/NDF : 152604443746.1/10

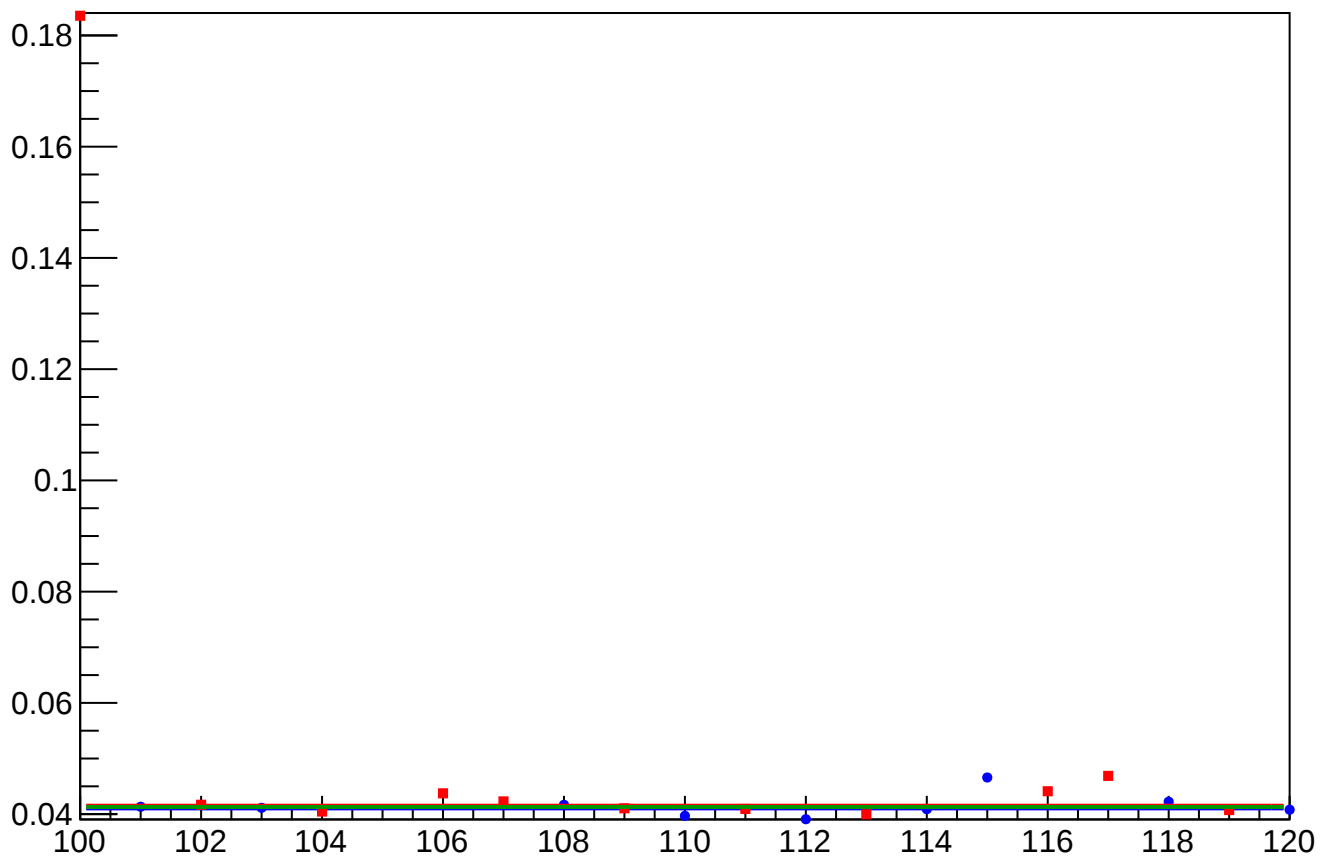
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

90.160+/-0.000 χ^2/NDF : 233536423709.4/8

88.386+/-0.000 χ^2/NDF : 397912121237.0

86.826+/-0.000 χ^2/NDF : 152604443746.1/10

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 8116.9/8

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

Right Out: 0.042+/-0.000 χ^2/NDF : 90765.7/10

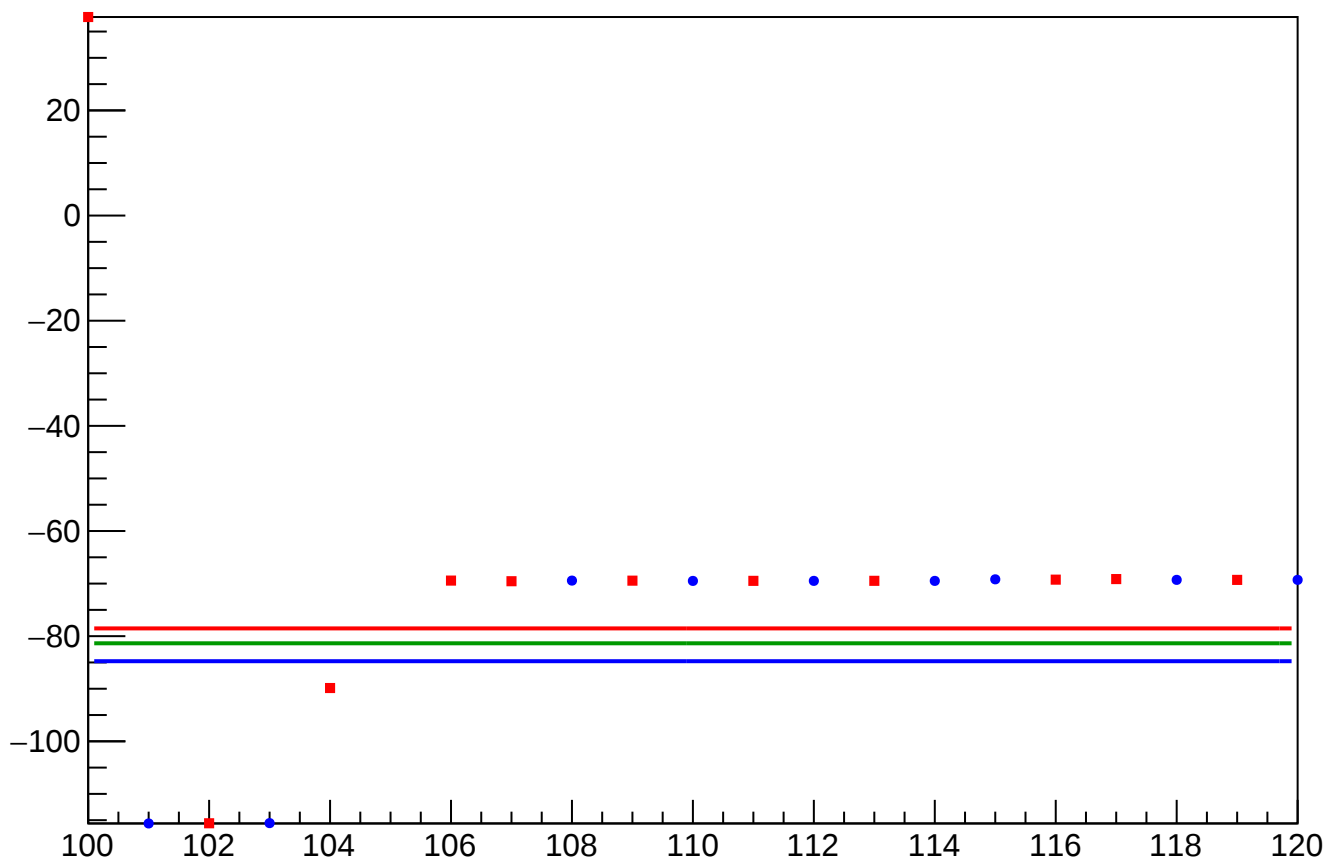
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.041+/-0.000 χ^2/NDF : 8116.9/8

0.041+/-0.000 χ^2/NDF : 99373.6/19

0.042+/-0.000 χ^2/NDF : 90765.7/10

yield_dsr_mean vs Slug, Sign Corrected



Right In: -84.763 $\pm$ 0.000 χ^2/NDF : 452725765962.1/8

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

Right Out: -78.524 $\pm$ 0.000 χ^2/NDF : 330340949903.5/10

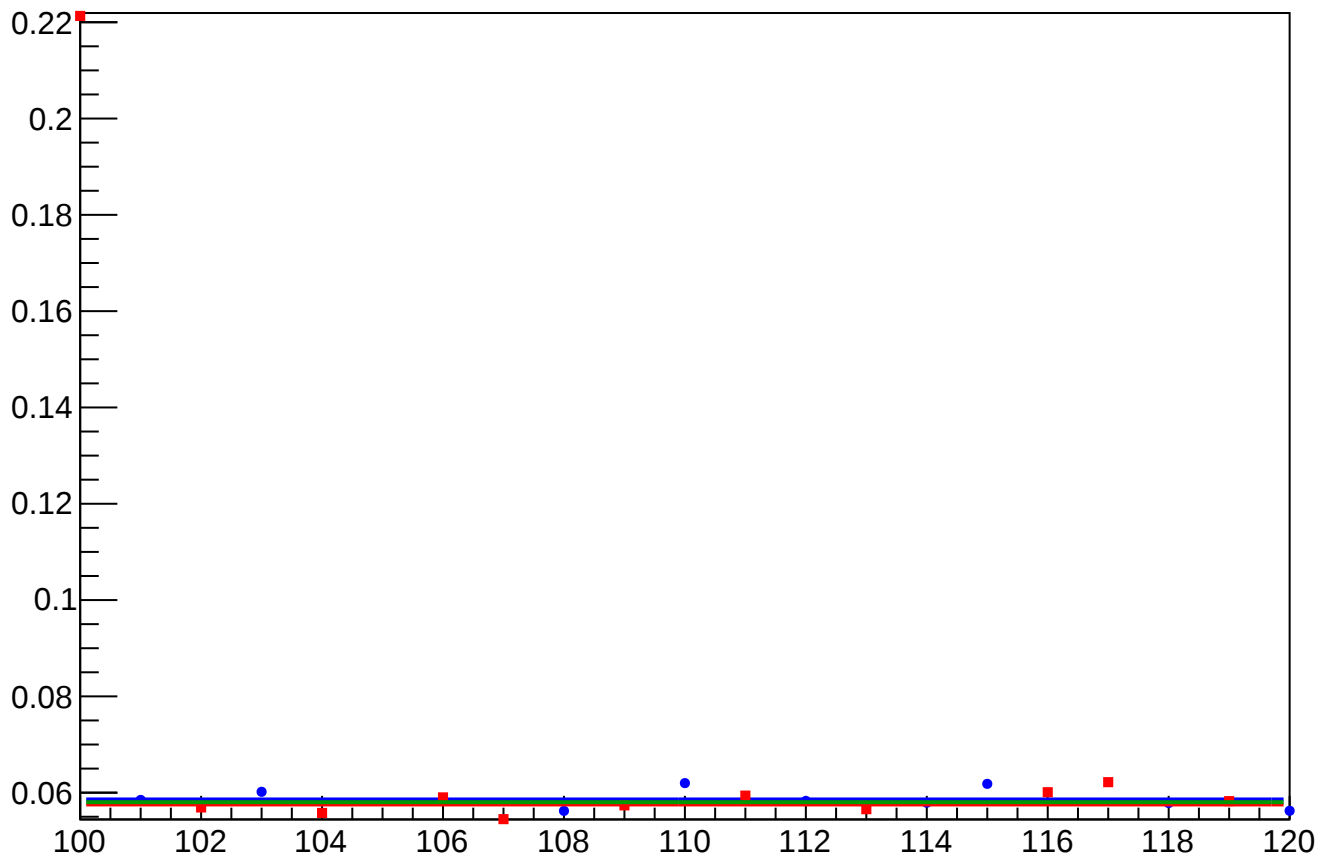
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-84.763 $\pm$ 0.000 χ^2/NDF : 452725765962.1/8

-81.356 $\pm$ 0.000 χ^2/NDF : 803364108205.1/8

-78.524 $\pm$ 0.000 χ^2/NDF : 330340949903.5/10

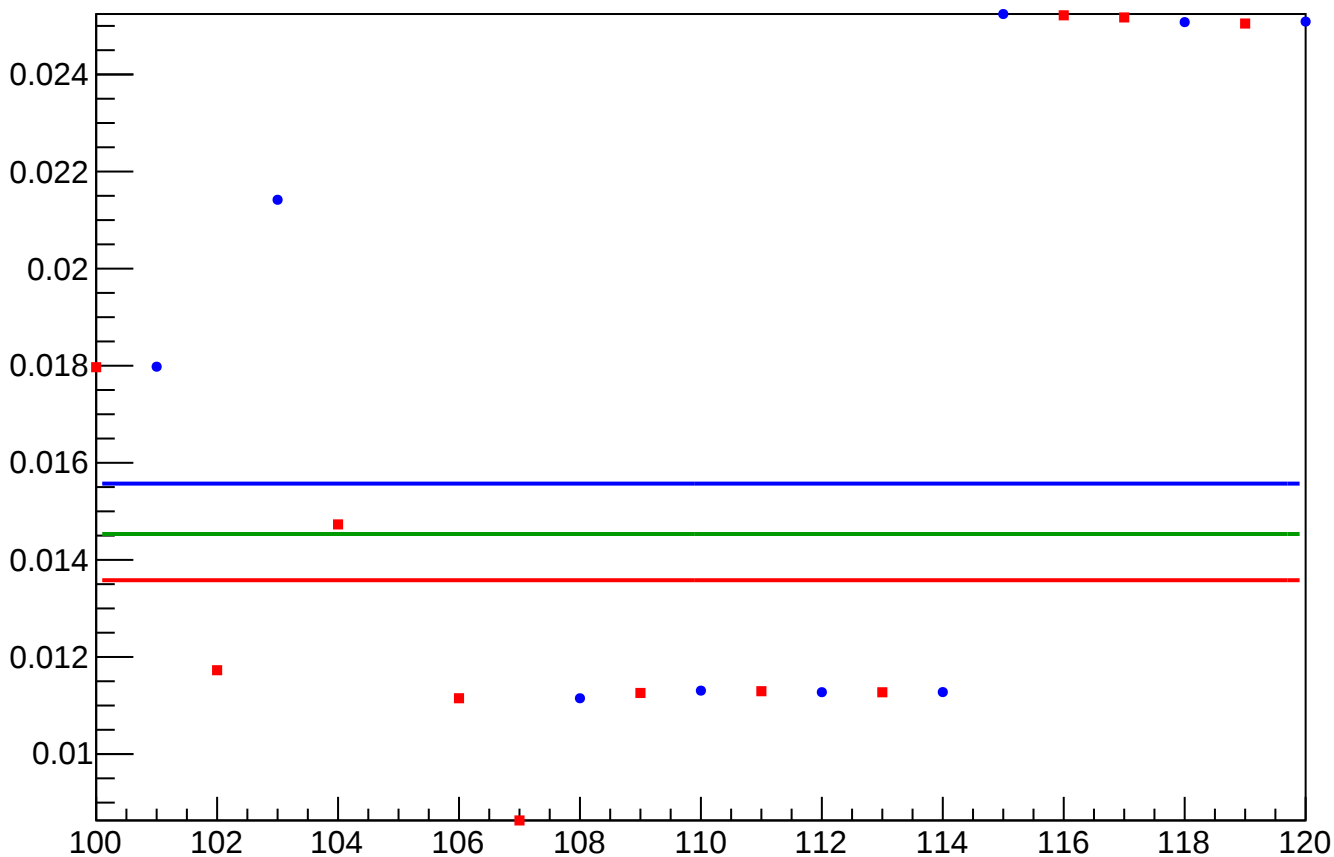
yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.059+/-0.000 χ^2/NDF : 5931.4/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.058+/-0.000 χ^2/NDF : 79987.5/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.059+/-0.000 χ^2/NDF : 5931.4/8
0.058+/-0.000 χ^2/NDF : 87032.5/19
0.058+/-0.000 χ^2/NDF : 79987.5/10

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 25147490803.5/8

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

0.016+/-0.000 χ^2/NDF : 25147490803.5/8

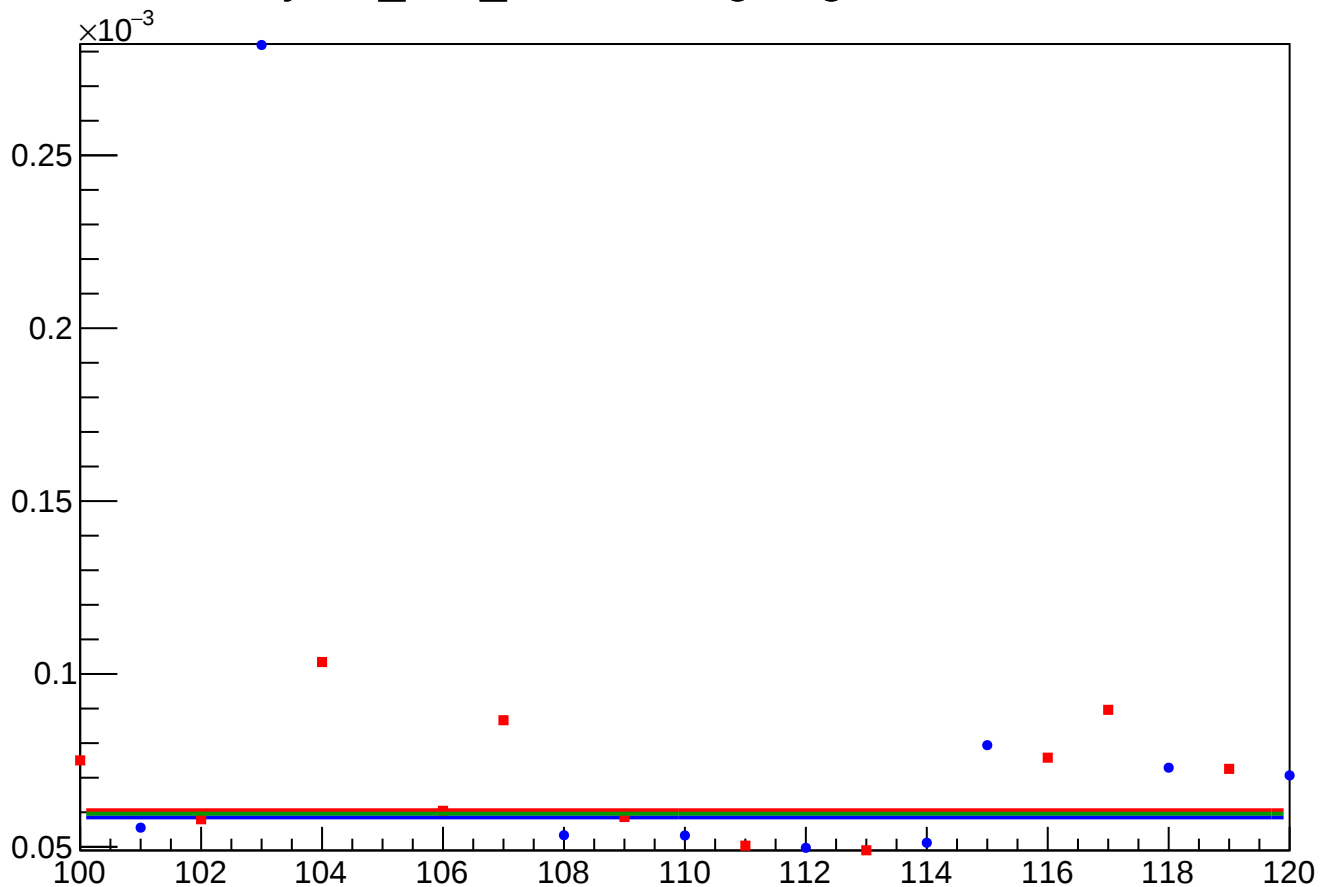
0.015+/-0.000 χ^2/NDF : 50686080651.2/1

Right Out: 0.014+/-0.000 χ^2/NDF : 23811551752.5/10

0.014+/-0.000 χ^2/NDF : 23811551752.5/10

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

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 764340.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 310807.8/10

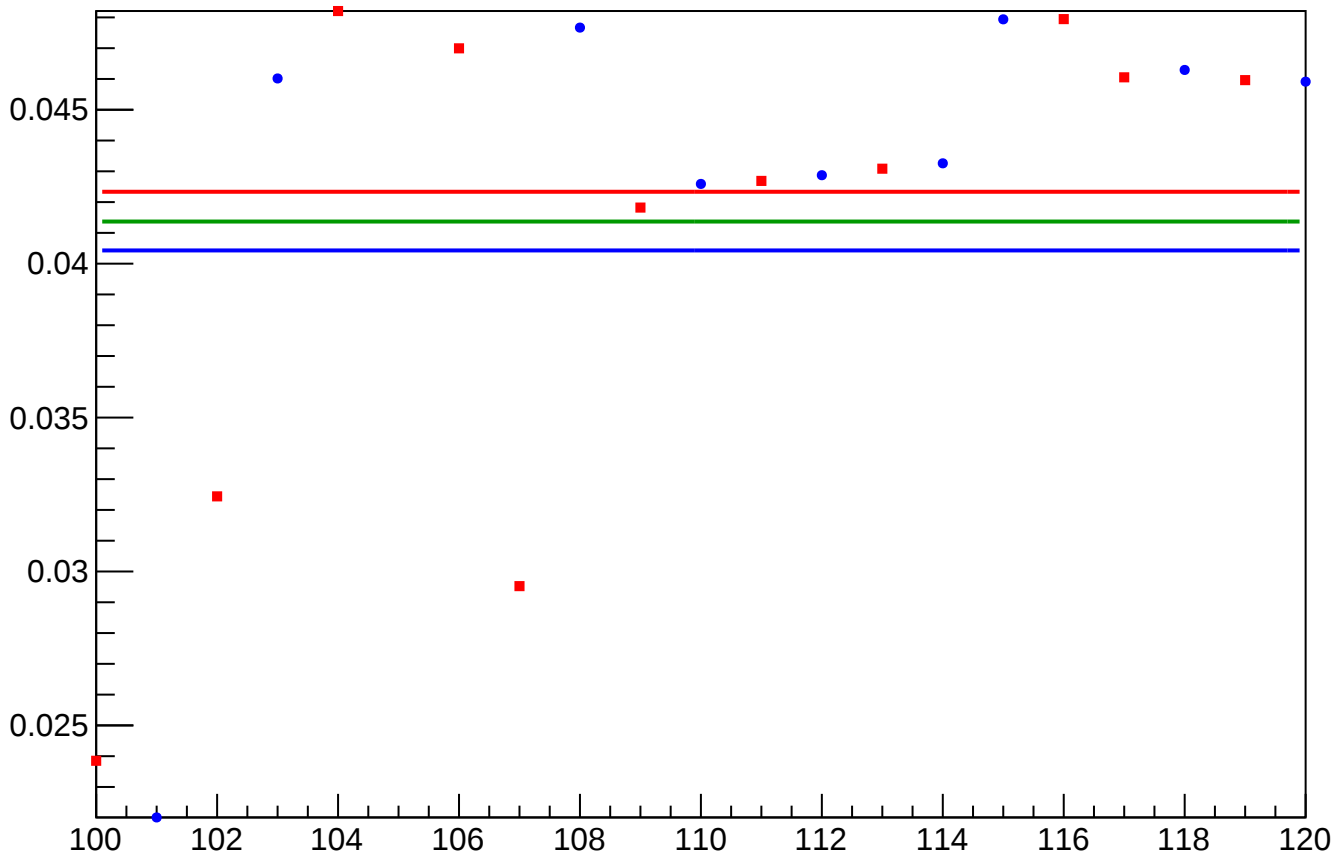
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 764340.7/8

0.000+/-0.000 χ^2/NDF : 1078815.3/19

0.000+/-0.000 χ^2/NDF : 310807.8/10

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 2191508139.0/8

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

Right Out: 0.042+/-0.000 χ^2/NDF : 859618286.1/10

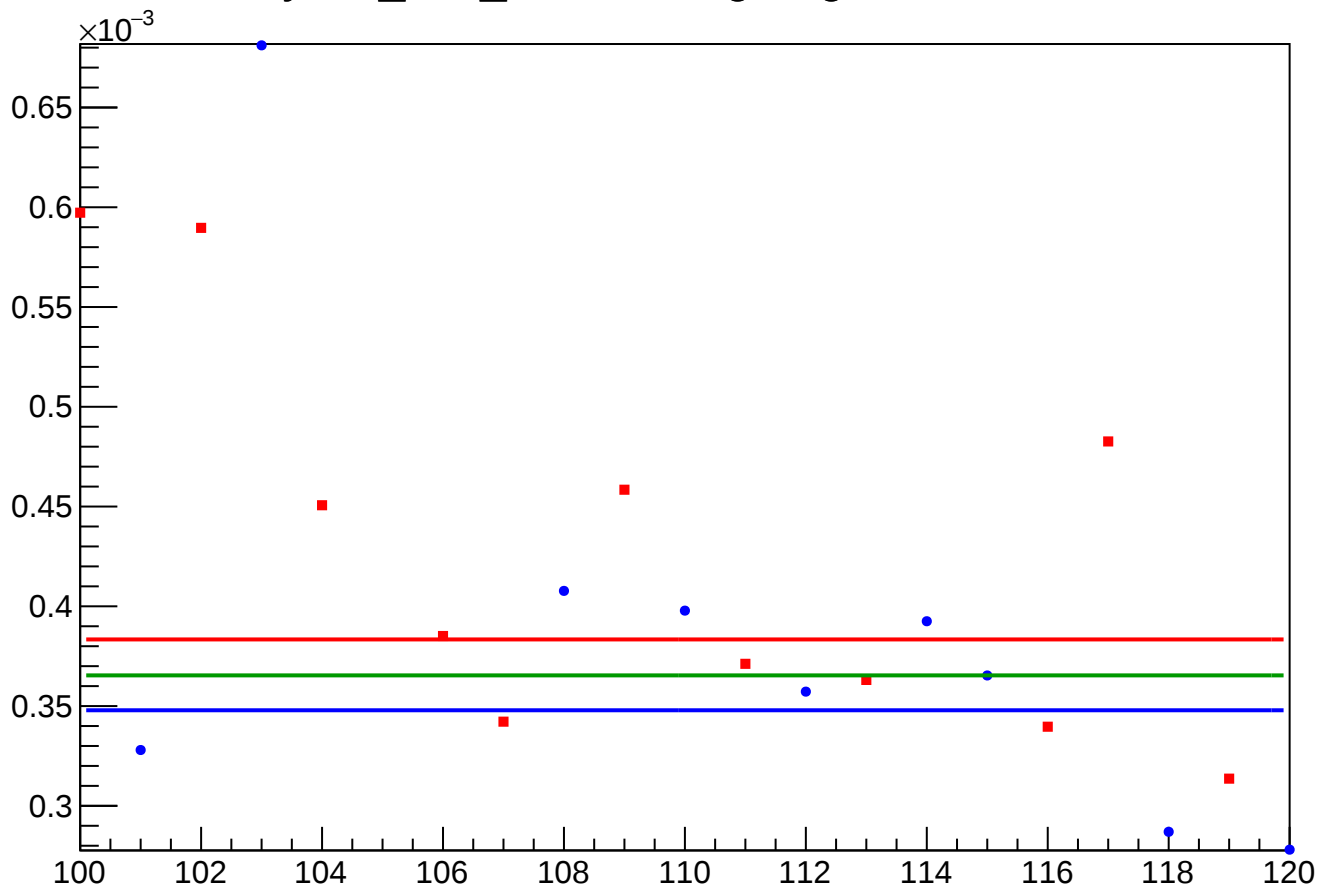
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.040+/-0.000 χ^2/NDF : 2191508139.0/8

0.041+/-0.000 χ^2/NDF : 3093633590.1/19

0.042+/-0.000 χ^2/NDF : 859618286.1/10

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352473.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 247453.0/10

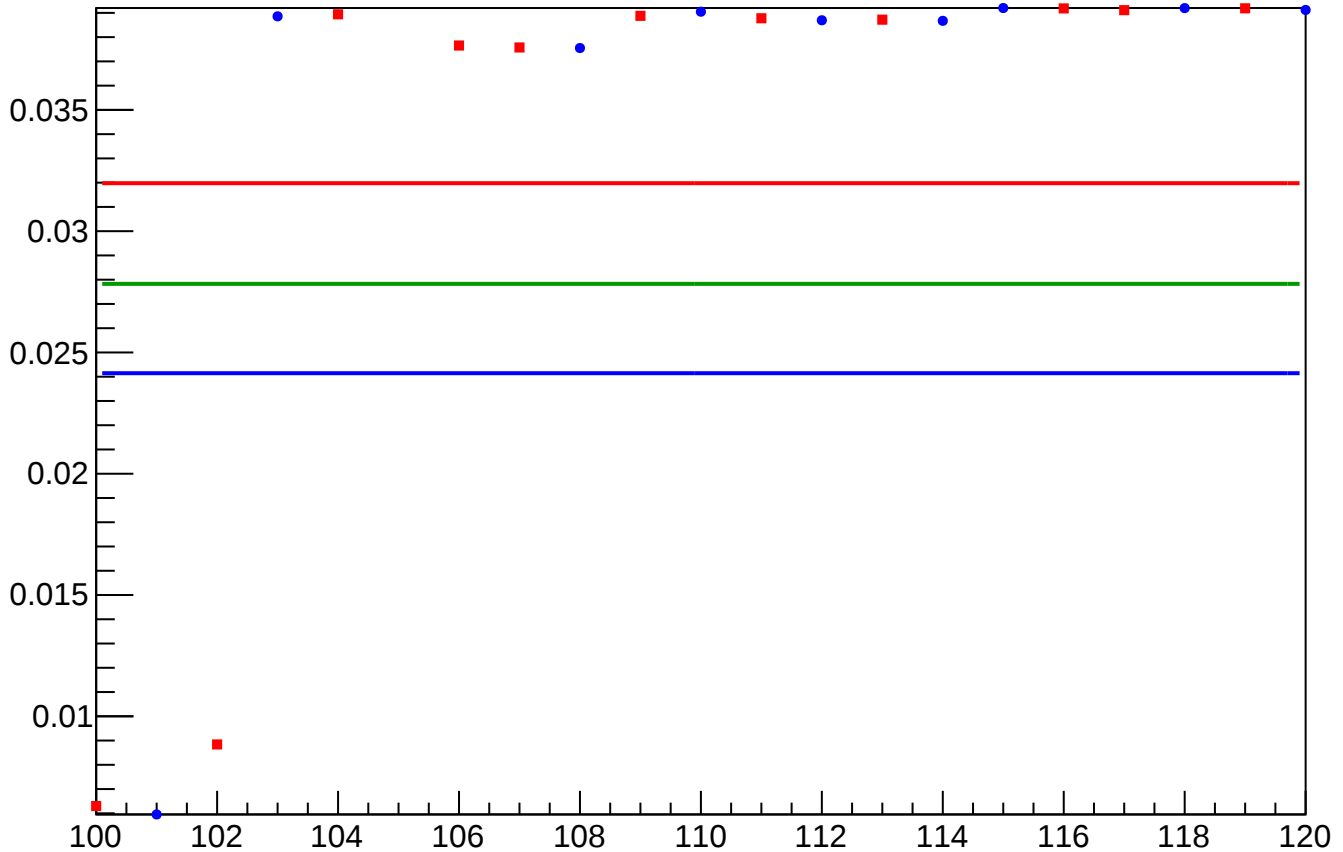
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 352473.7/8

0.000+/-0.000 χ^2/NDF : 629419.1/19

0.000+/-0.000 χ^2/NDF : 247453.0/10

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 74860549072.9/8

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

Right Out: 0.032+/-0.000 χ^2/NDF : 39630431790.9/10

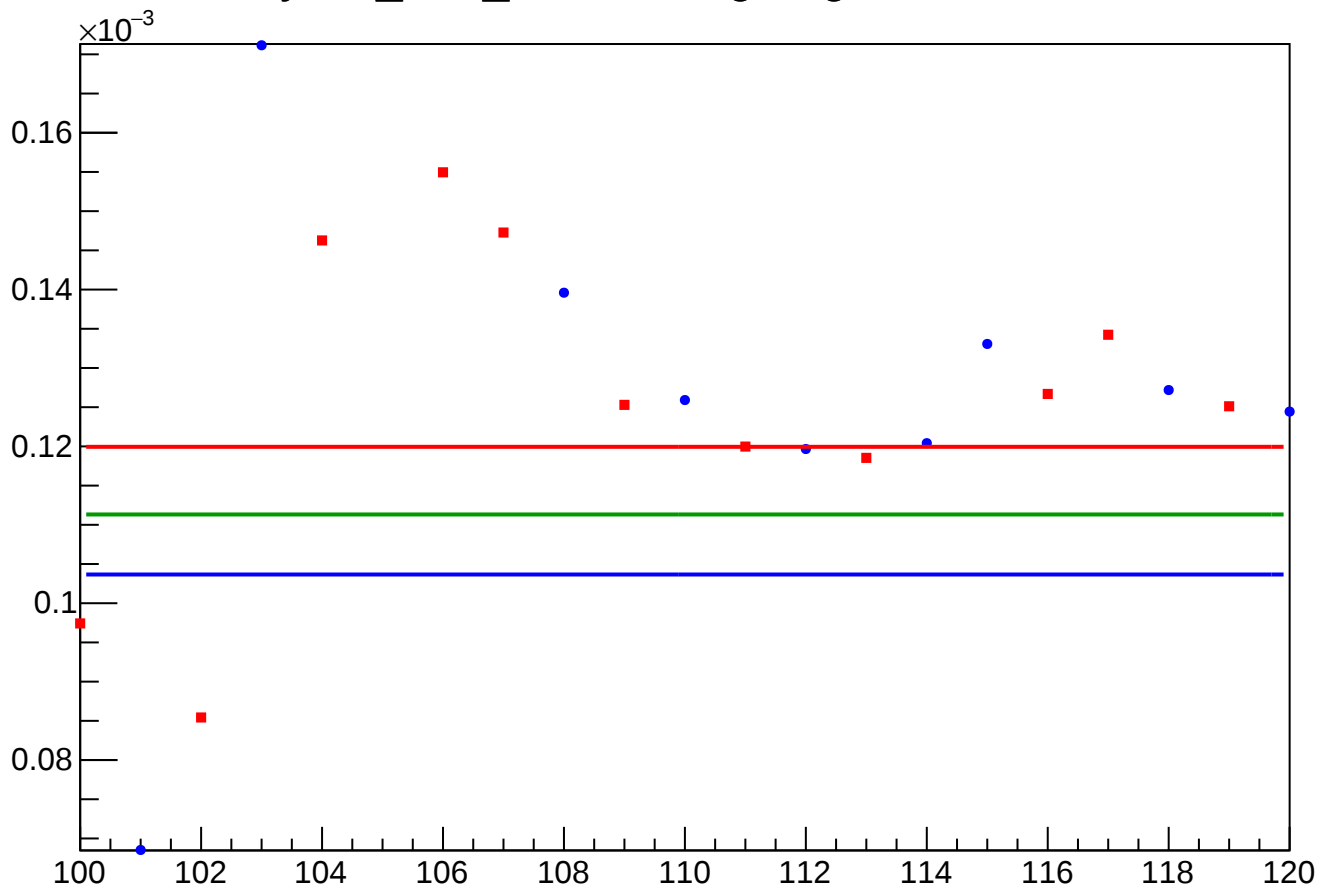
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 74860549072.9/8

0.028+/-0.000 χ^2/NDF : 122588653113.3/8

0.032+/-0.000 χ^2/NDF : 39630431790.9/10

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 636355.8/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 211214.0/10

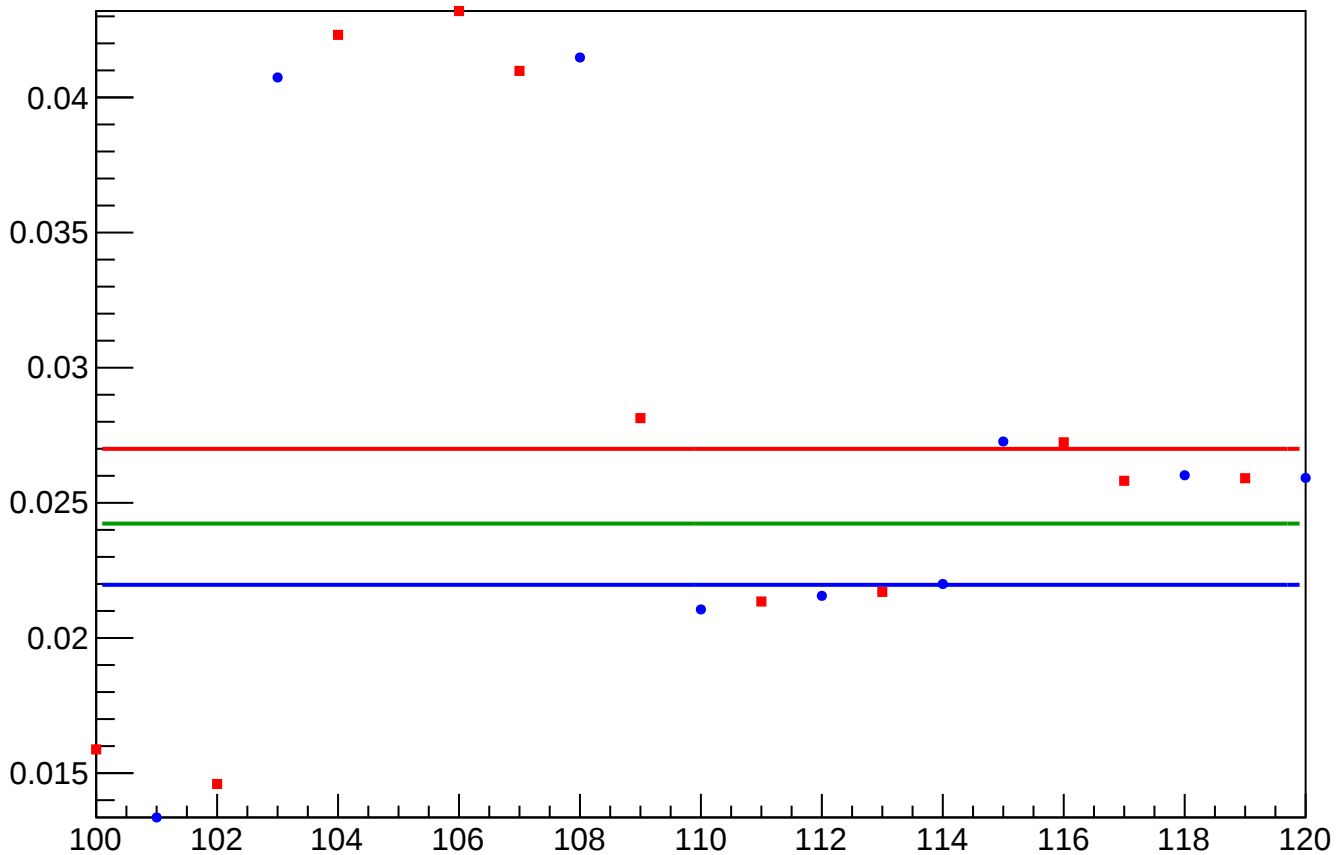
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 636355.8/8

0.000+/-0.000 χ^2/NDF : 917551.9/19

0.000+/-0.000 χ^2/NDF : 211214.0/10

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 3196154212.7/8

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

Right Out: 0.027+/-0.000 χ^2/NDF : 2878037007.6/10

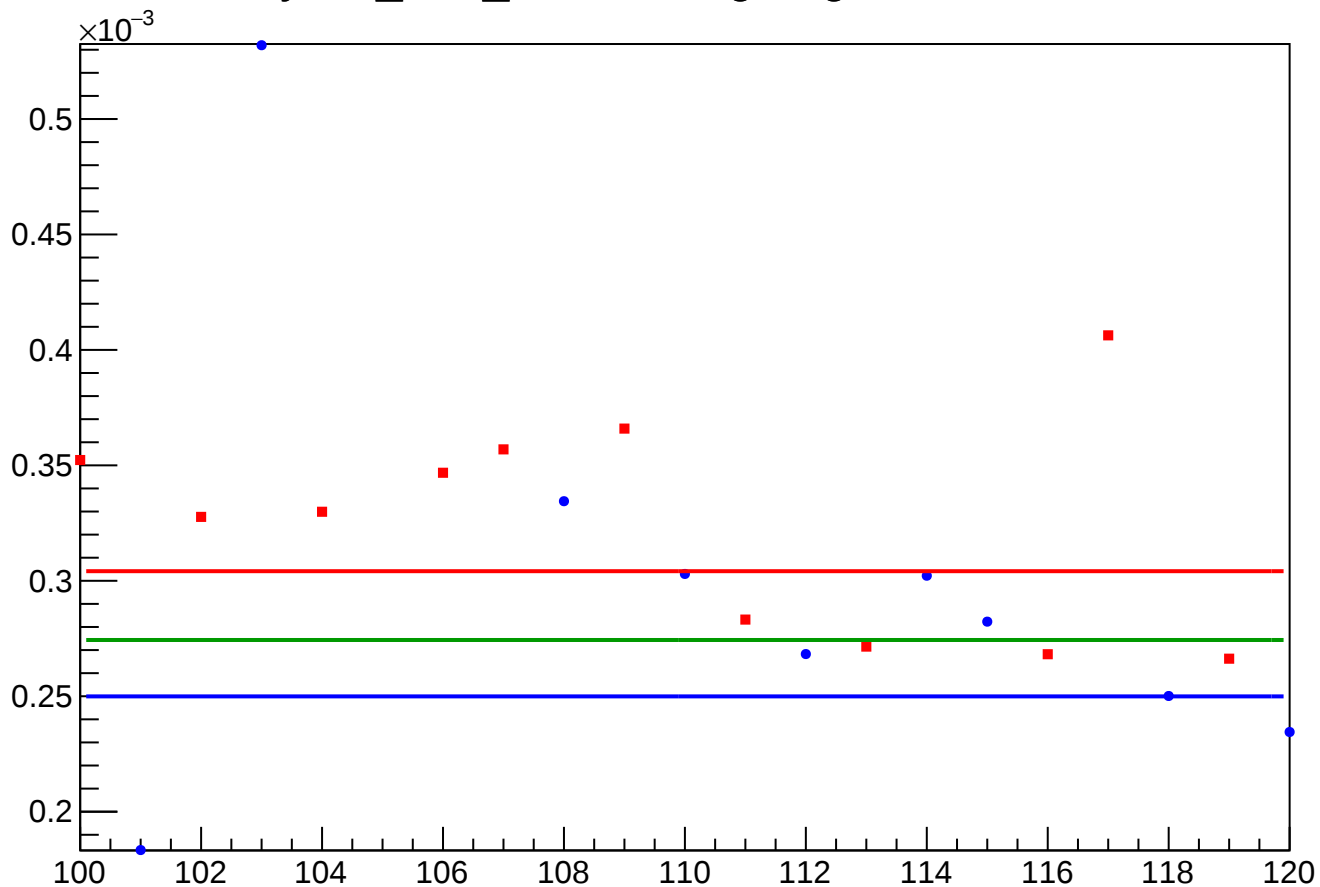
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 3196154212.7/8

0.024+/-0.000 χ^2/NDF : 6589393842.1/19

0.027+/-0.000 χ^2/NDF : 2878037007.6/10

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510600.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 107625.3/10

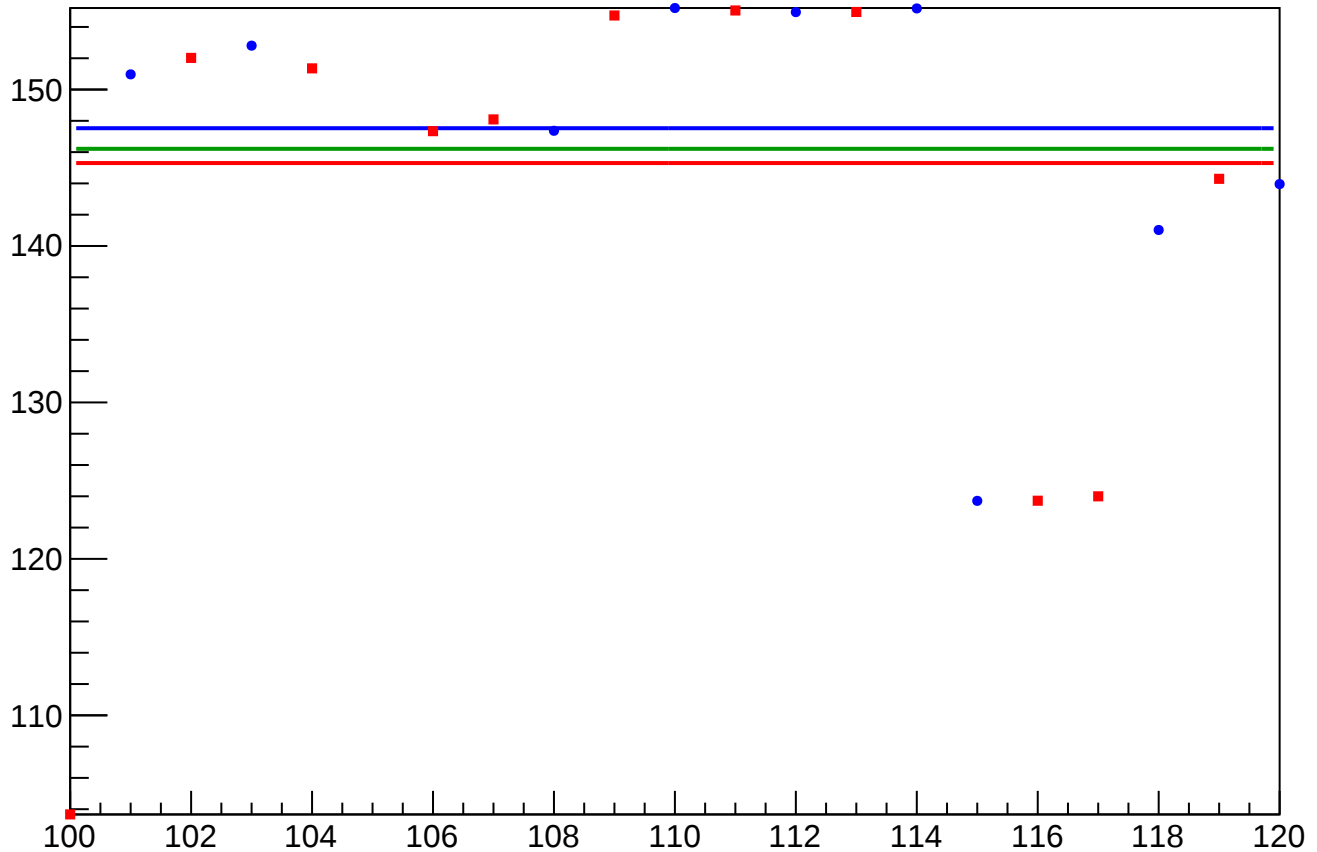
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 510600.7/8

0.000+/-0.000 χ^2/NDF : 737913.3/19

0.000+/-0.000 χ^2/NDF : 107625.3/10

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 147.528+/-0.000 χ^2/NDF : 1816071336.6/8

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

Right Out: 145.301+/-0.000 χ^2/NDF : 4228241527.8/10

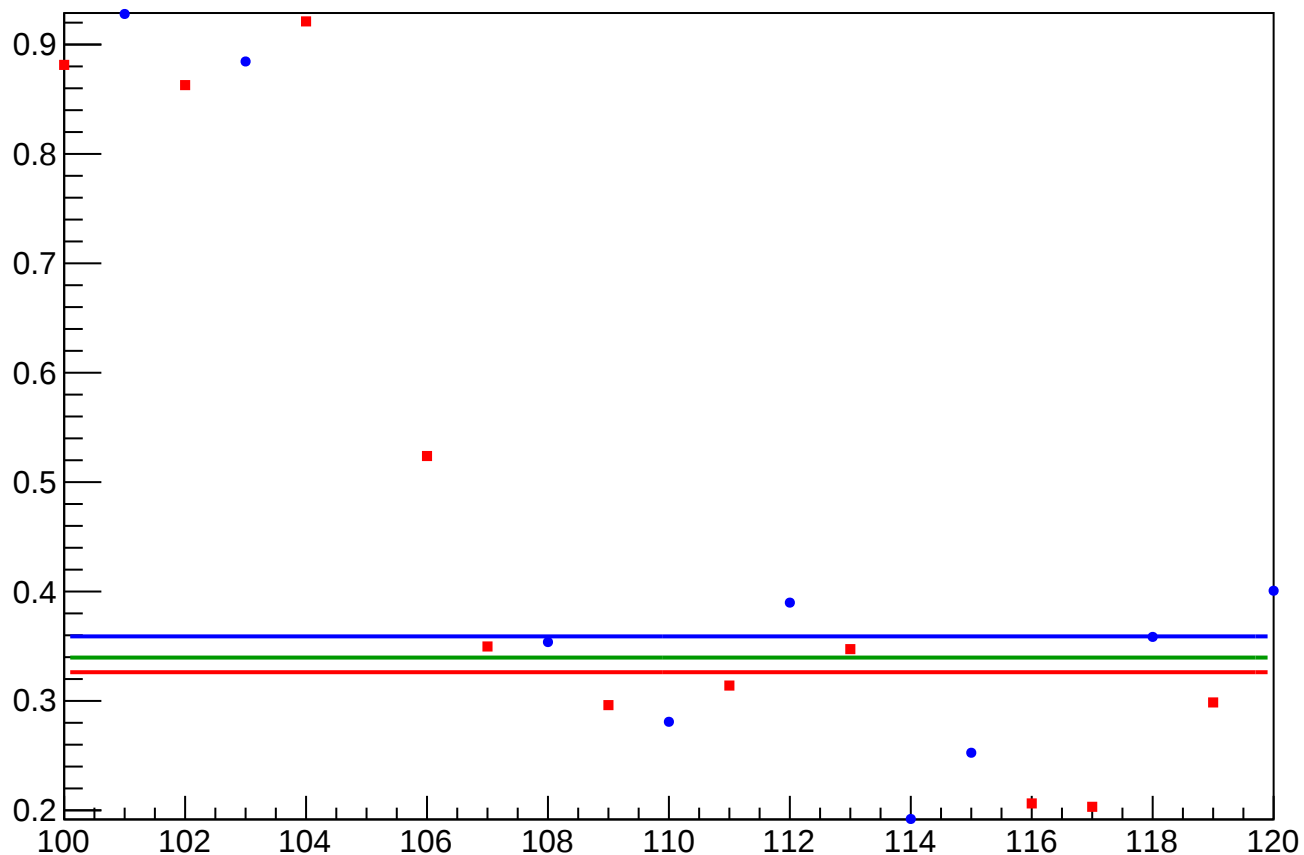
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

147.528+/-0.000 χ^2/NDF : 1816071336.6/8

146.211+/-0.000 χ^2/NDF : 6102942618.6/8

145.301+/-0.000 χ^2/NDF : 4228241527.8/10

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.359+/-0.000 χ^2/NDF : 1059676.7/8

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

Right Out: 0.326+/-0.000 χ^2/NDF : 1134544.0/10

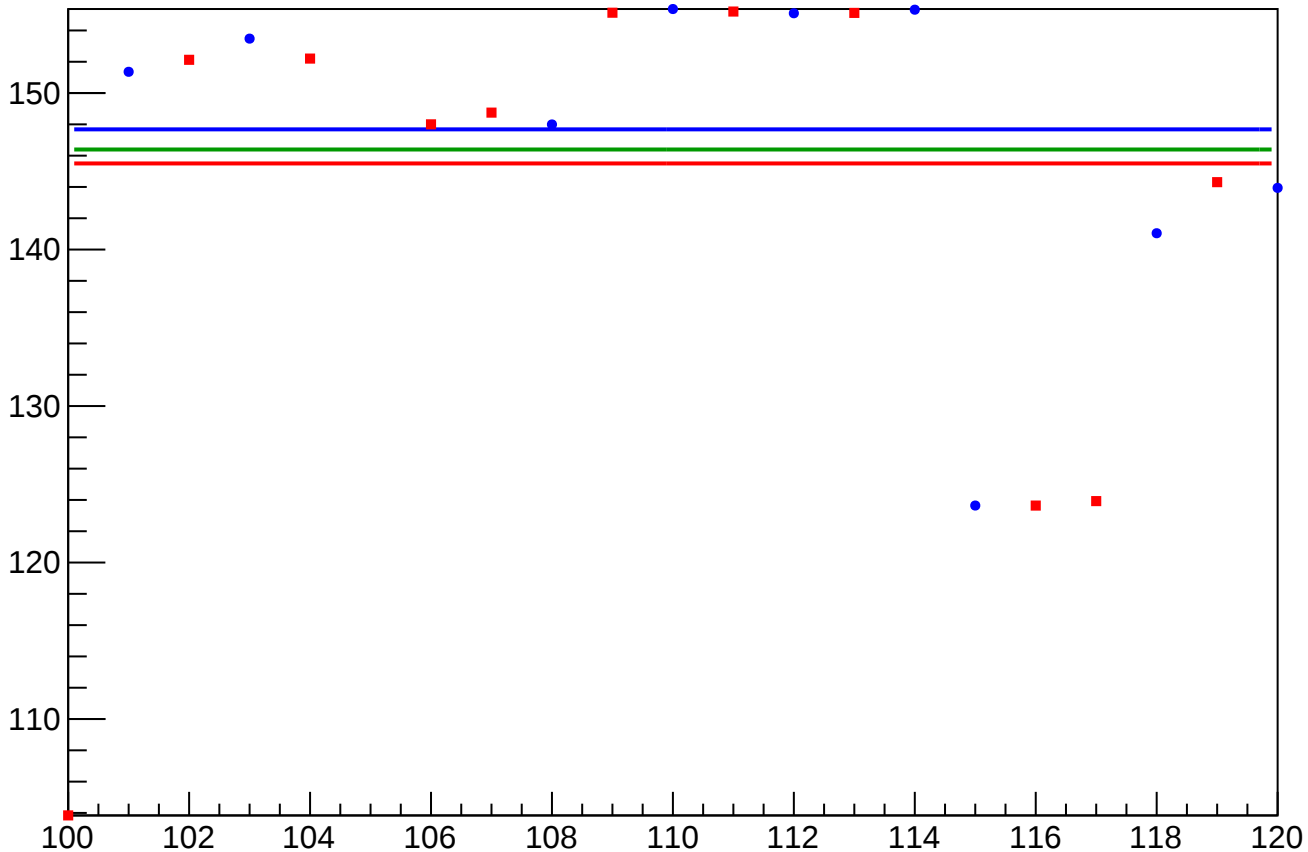
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.359+/-0.000 χ^2/NDF : 1059676.7/8

0.340+/-0.000 χ^2/NDF : 2219571.4/19

0.326+/-0.000 χ^2/NDF : 1134544.0/10

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 147.680 +/- 0.000 χ^2/NDF : 1825939780.4/8

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

Right Out: 145.502 +/- 0.000 χ^2/NDF : 4238151418.7/10

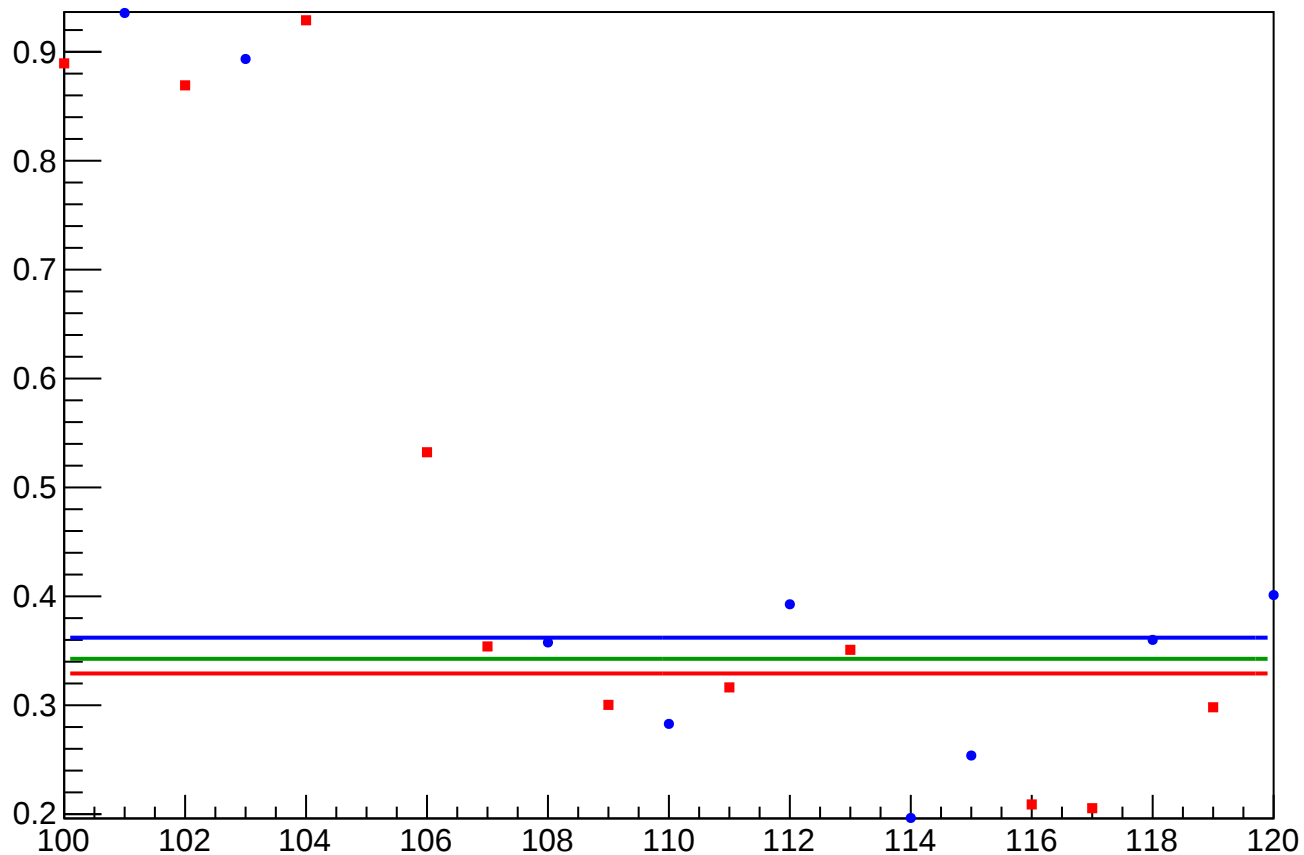
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

147.680 +/- 0.000 χ^2/NDF : 1825939780.4/8

146.393 +/- 0.000 χ^2/NDF : 6119246350.9/10

145.502 +/- 0.000 χ^2/NDF : 4238151418.7/10

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.362+/-0.000 χ^2/NDF : 1054518.6/8

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1134083.8/10

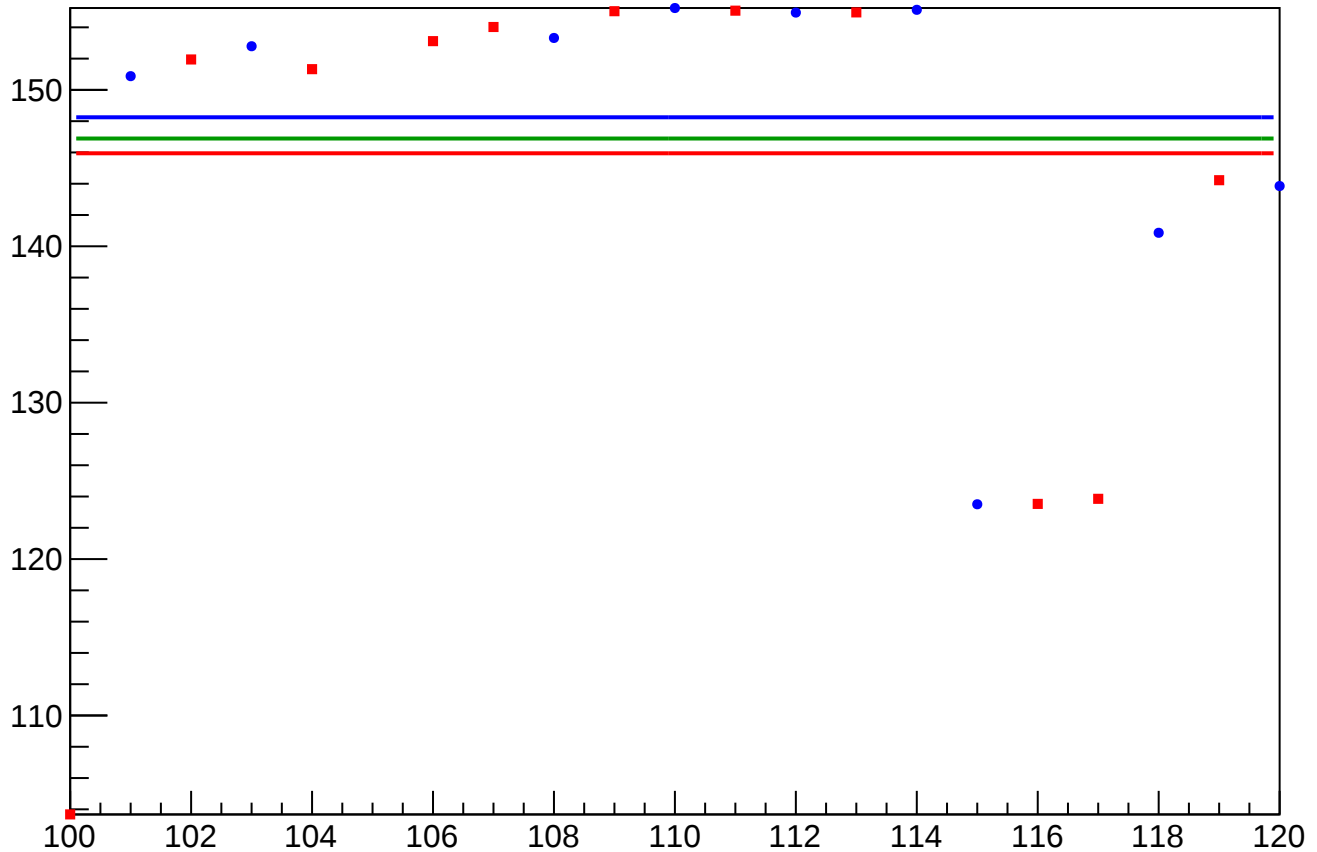
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.362+/-0.000 χ^2/NDF : 1054518.6/8

0.343+/-0.000 χ^2/NDF : 2213738.8/19

0.329+/-0.000 χ^2/NDF : 1134083.8/10

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 148.248+/-0.000 χ^2/NDF : 1912996523.7/8

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

Right Out: 145.947+/-0.000 χ^2/NDF : 4465865645.2/10

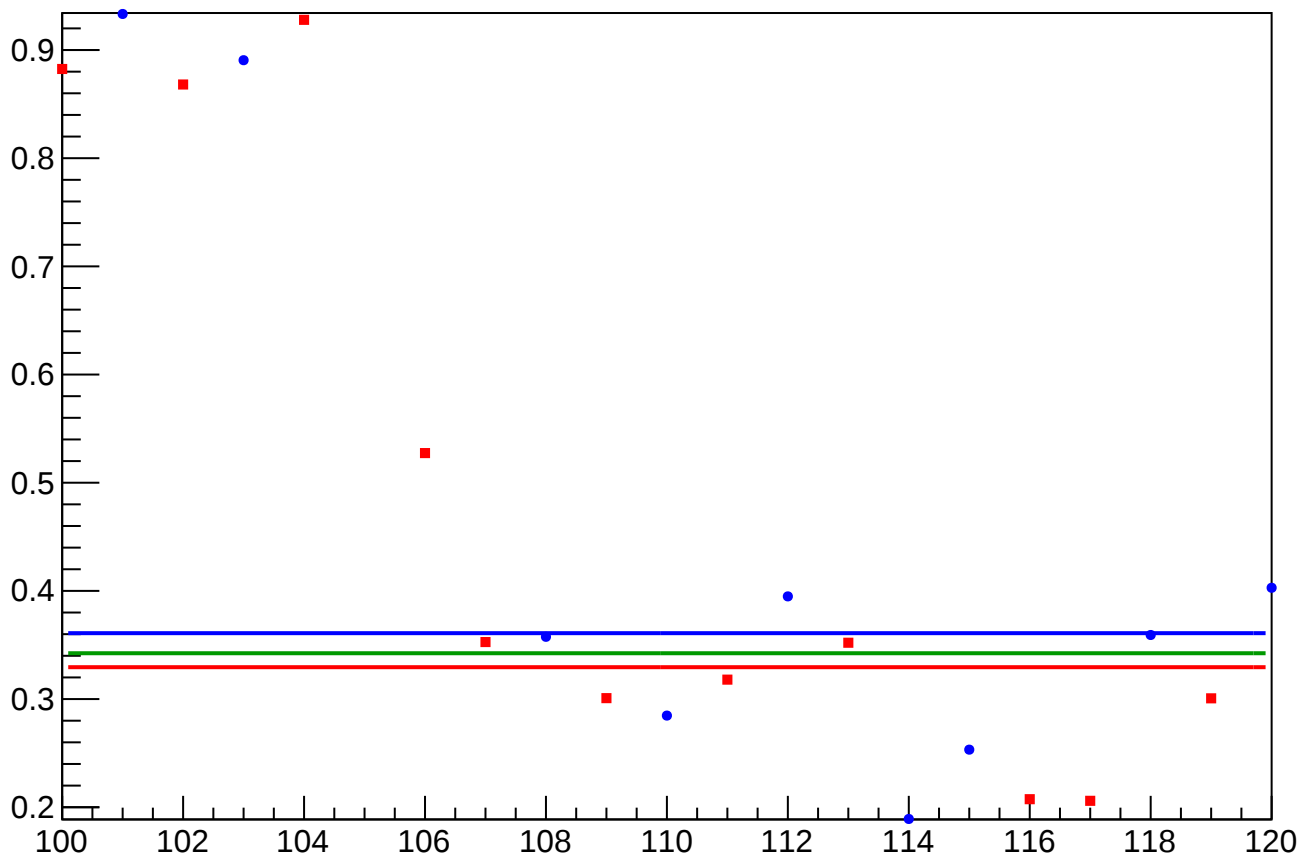
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.248+/-0.000 χ^2/NDF : 1912996523.7/8

146.891+/-0.000 χ^2/NDF : 6440538365.1/10

145.947+/-0.000 χ^2/NDF : 4465865645.2/10

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.361+/-0.000 χ^2/NDF : 1068790.6/8

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

Right Out: 0.329+/-0.000 χ^2/NDF : 1133598.1/10

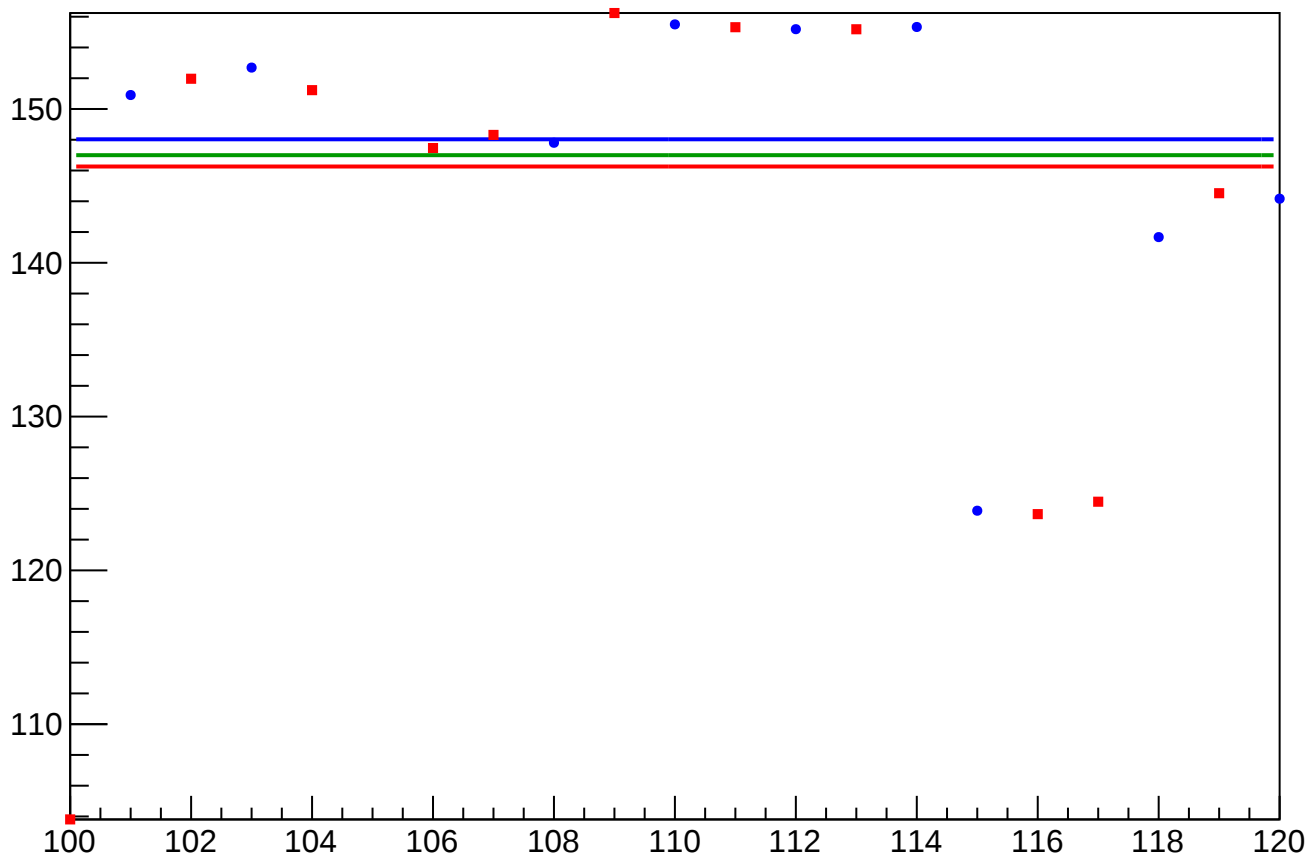
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.361+/-0.000 χ^2/NDF : 1068790.6/8

0.342+/-0.000 χ^2/NDF : 2225420.7/19

0.329+/-0.000 χ^2/NDF : 1133598.1/10

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 148.030+/-0.000 χ^2/NDF : 1617643432.7/8

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

Right Out: 146.260+/-0.000 χ^2/NDF : 3779153360.6/10

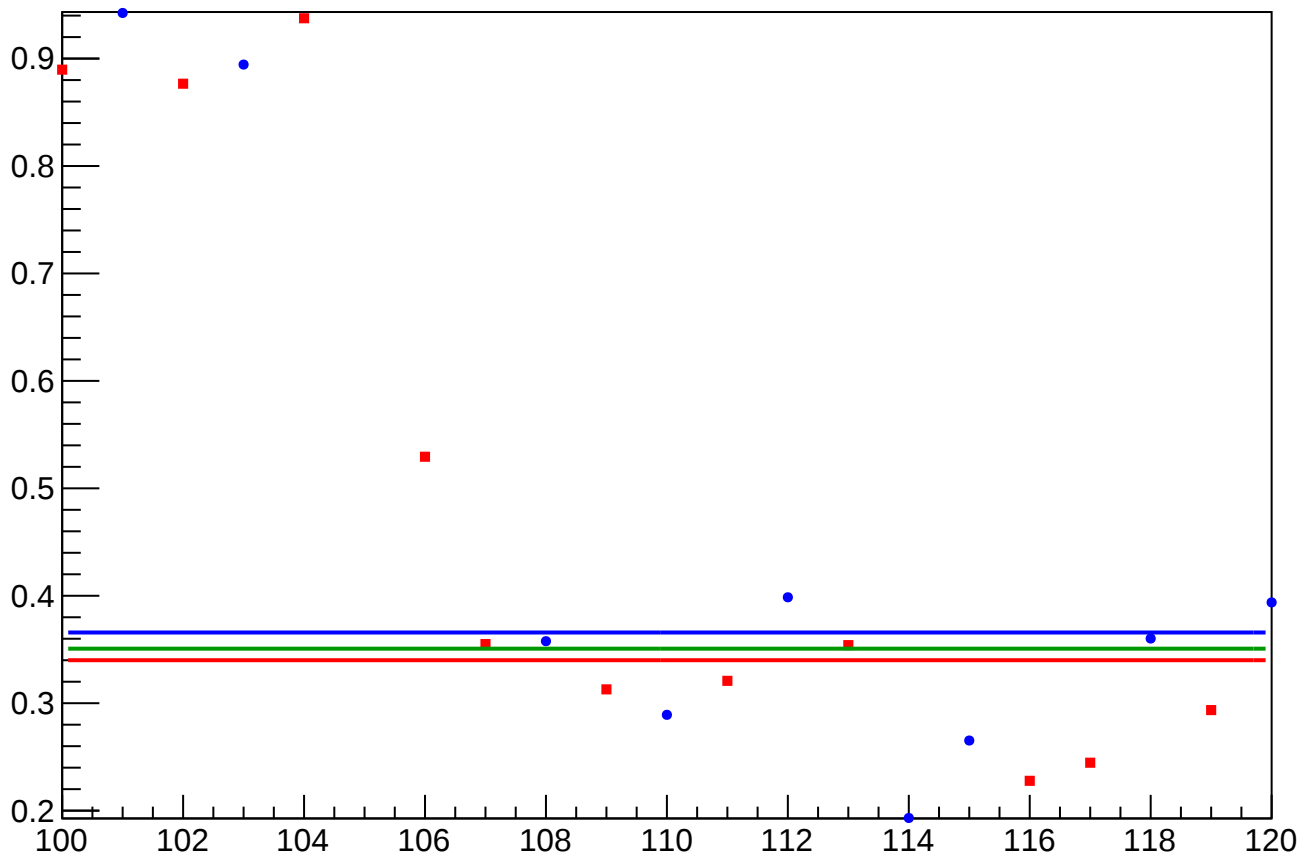
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.030+/-0.000 χ^2/NDF : 1617643432.7/8

146.997+/-0.000 χ^2/NDF : 5431934265.6/10

146.260+/-0.000 χ^2/NDF : 3779153360.6/10

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.366+/-0.000 χ^2/NDF : 1043623.5/8

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

Right Out: 0.340+/-0.000 χ^2/NDF : 1057419.8/10

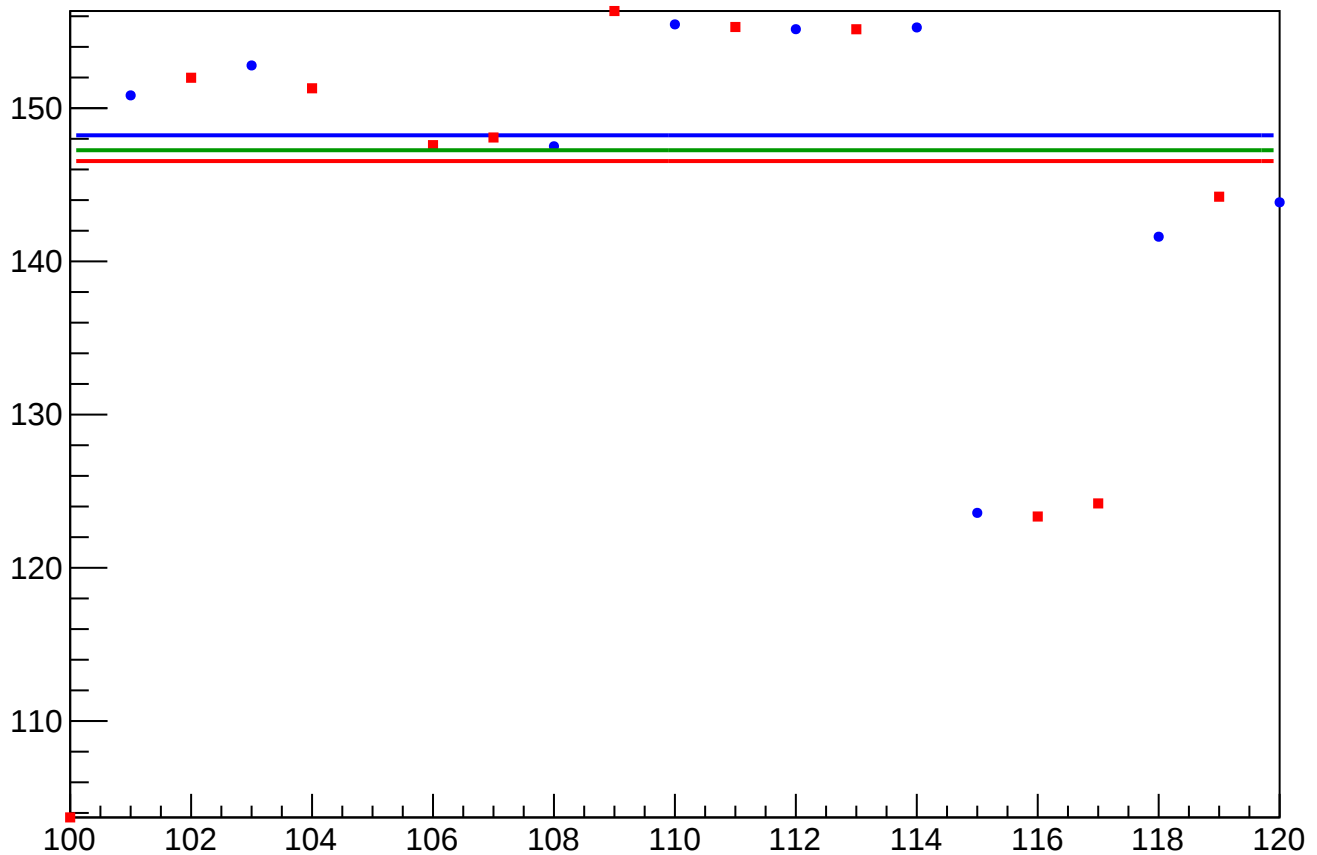
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.366+/-0.000 χ^2/NDF : 1043623.5/8

0.351+/-0.000 χ^2/NDF : 2115978.0/19

0.340+/-0.000 χ^2/NDF : 1057419.8/10

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 148.229+/-0.000 χ^2/NDF : 1627615617.6/8

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

Right Out: 146.547+/-0.000 χ^2/NDF : 3772997205.4/10

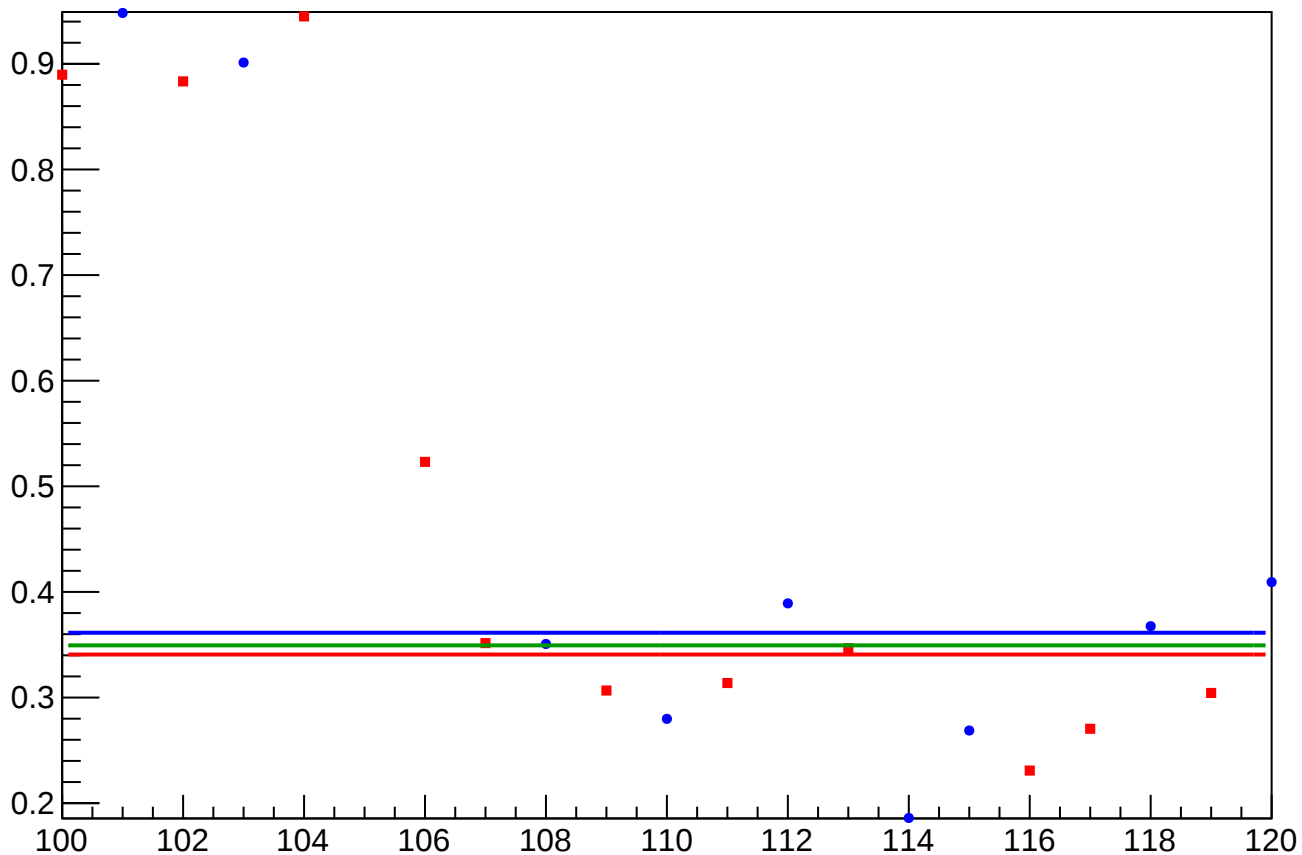
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

148.229+/-0.000 χ^2/NDF : 1627615617.6/8

147.255+/-0.000 χ^2/NDF : 5432598337.2/10

146.547+/-0.000 χ^2/NDF : 3772997205.4/10

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.361+/-0.000 χ^2/NDF : 1083700.8/8

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

Right Out: 0.341+/-0.000 χ^2/NDF : 1041523.1/10

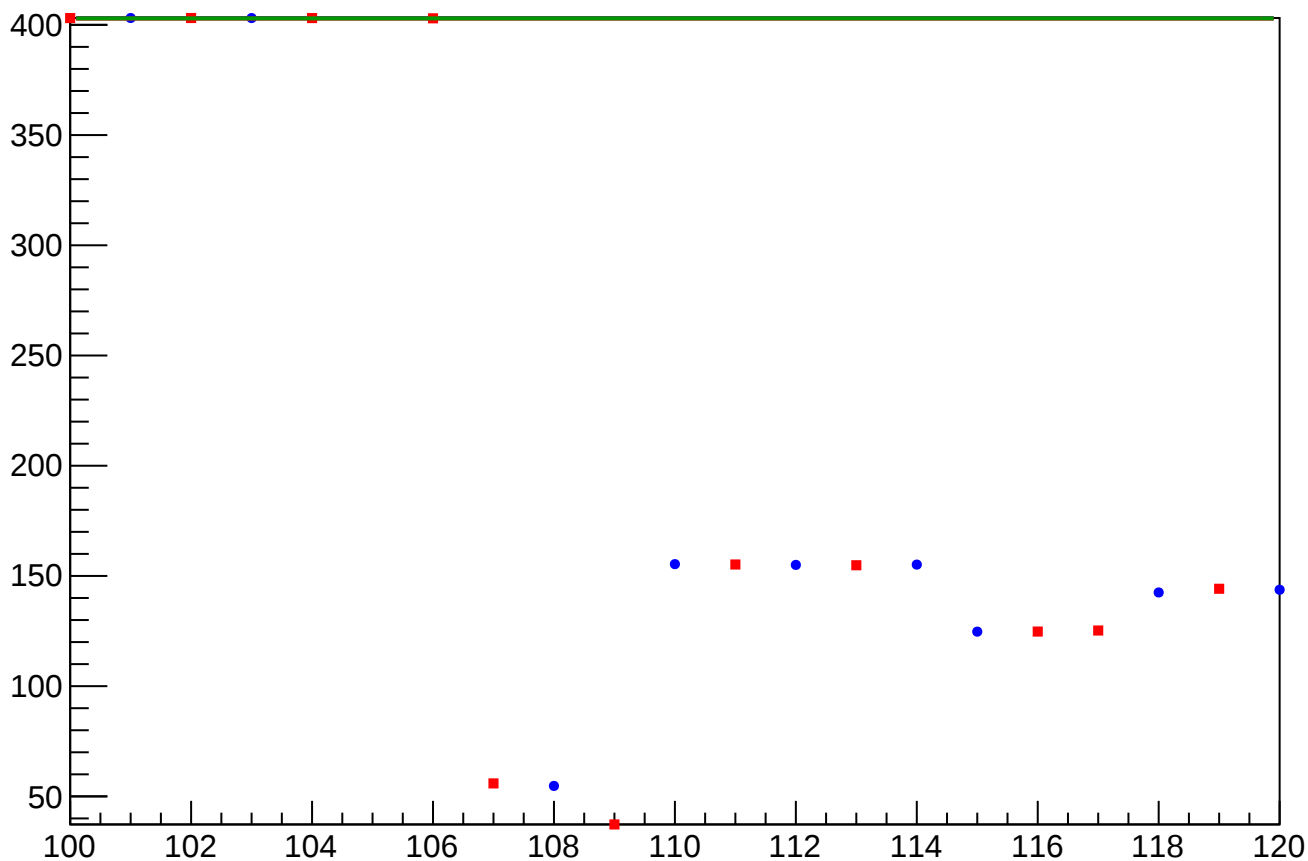
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.361+/-0.000 χ^2/NDF : 1083700.8/8

0.349+/-0.000 χ^2/NDF : 2134855.4/19

0.341+/-0.000 χ^2/NDF : 1041523.1/10

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.035+/-0.000 χ^2/NDF : 473661718643.6/8

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

Right Out: 402.853+/-0.000 χ^2/NDF : 2602891303006.7/10

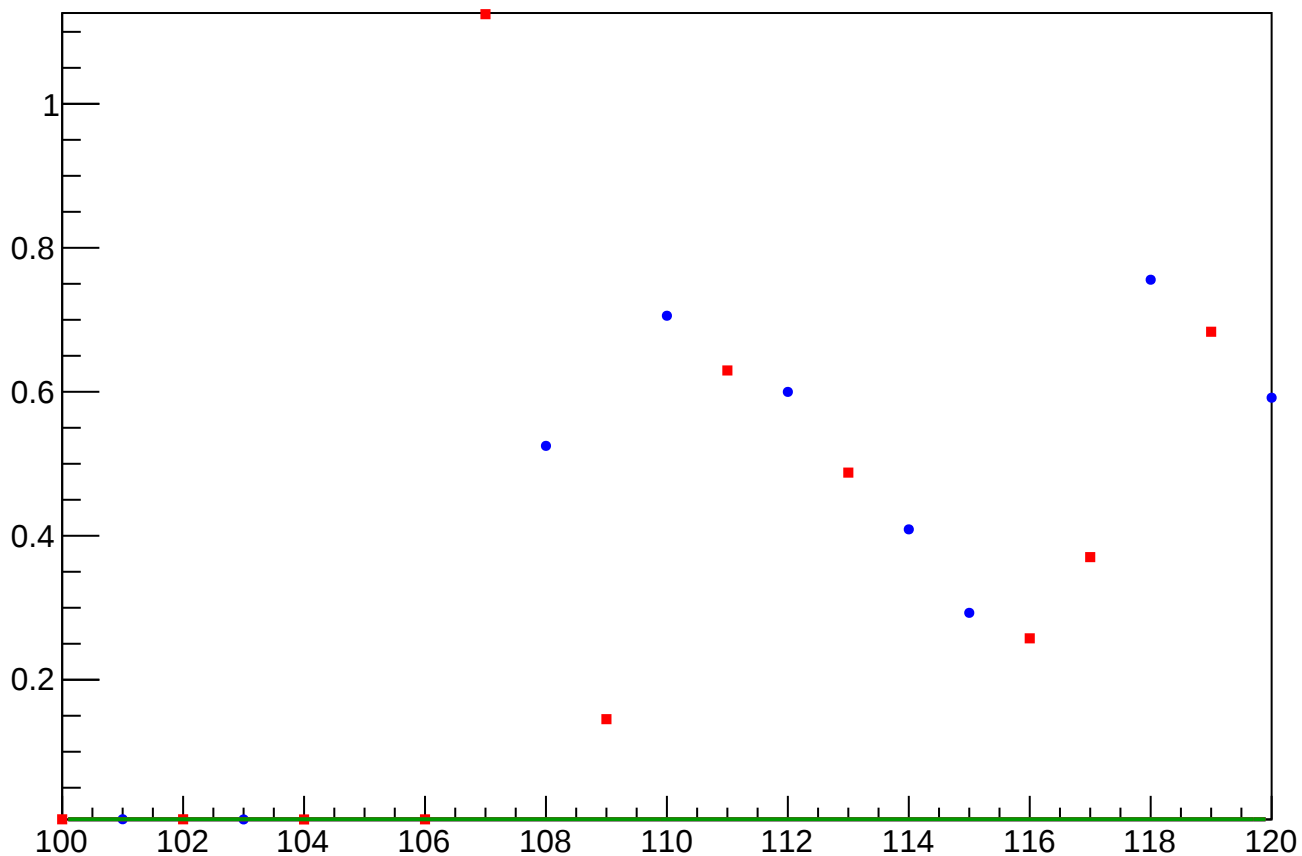
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

403.035+/-0.000 χ^2/NDF : 473661718643.6/8

402.939+/-0.000 χ^2/NDF : 307709698718

402.853+/-0.000 χ^2/NDF : 2602891303006.7/10

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3585607.4/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 3912382.4/10

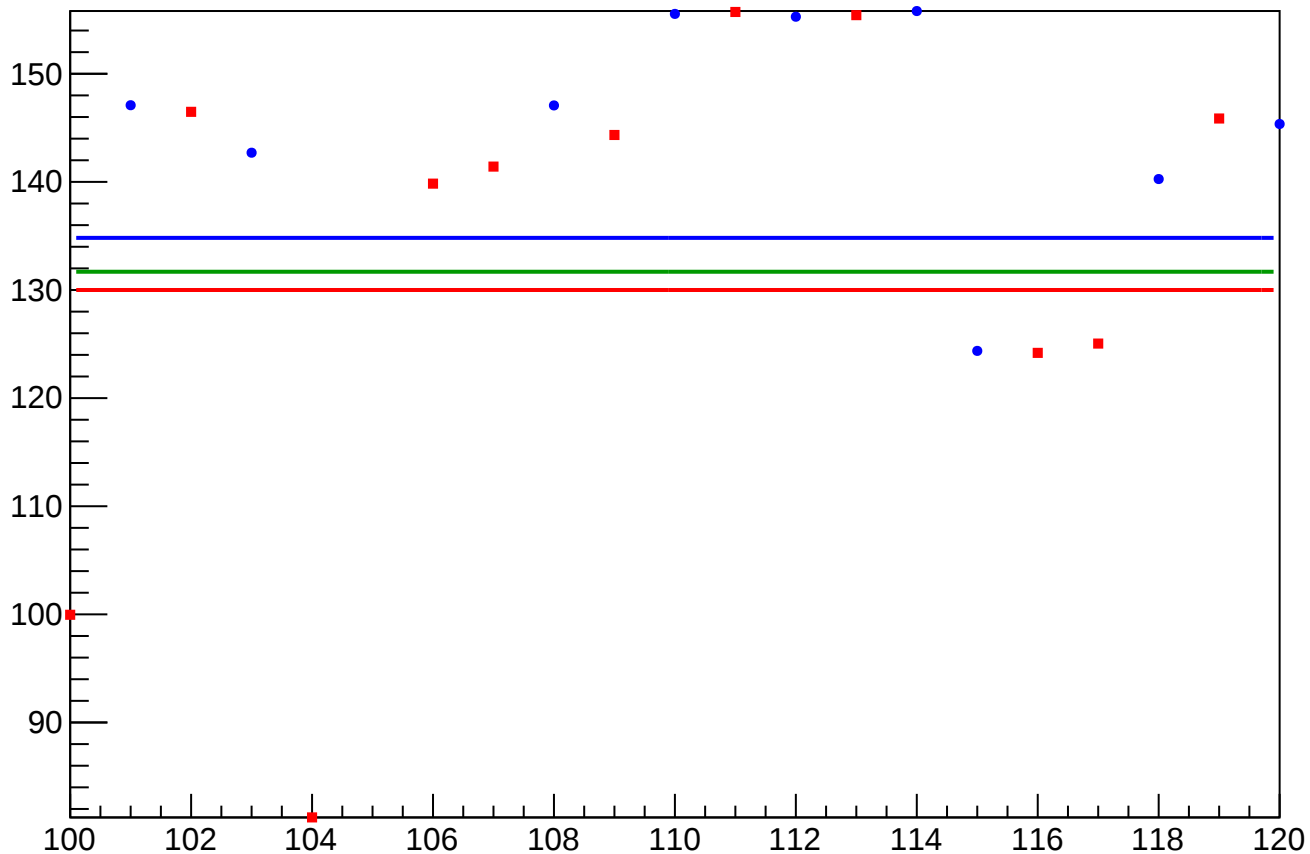
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 3585607.4/8

0.006+/-0.000 χ^2/NDF : 7498013.3/19

0.006+/-0.000 χ^2/NDF : 3912382.4/10

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 134.823 $\pm$ 0.001 χ^2 /NDF: 449057880.9/8

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

Right Out: 130.001 $\pm$ 0.000 χ^2 /NDF: 807734962.1/10

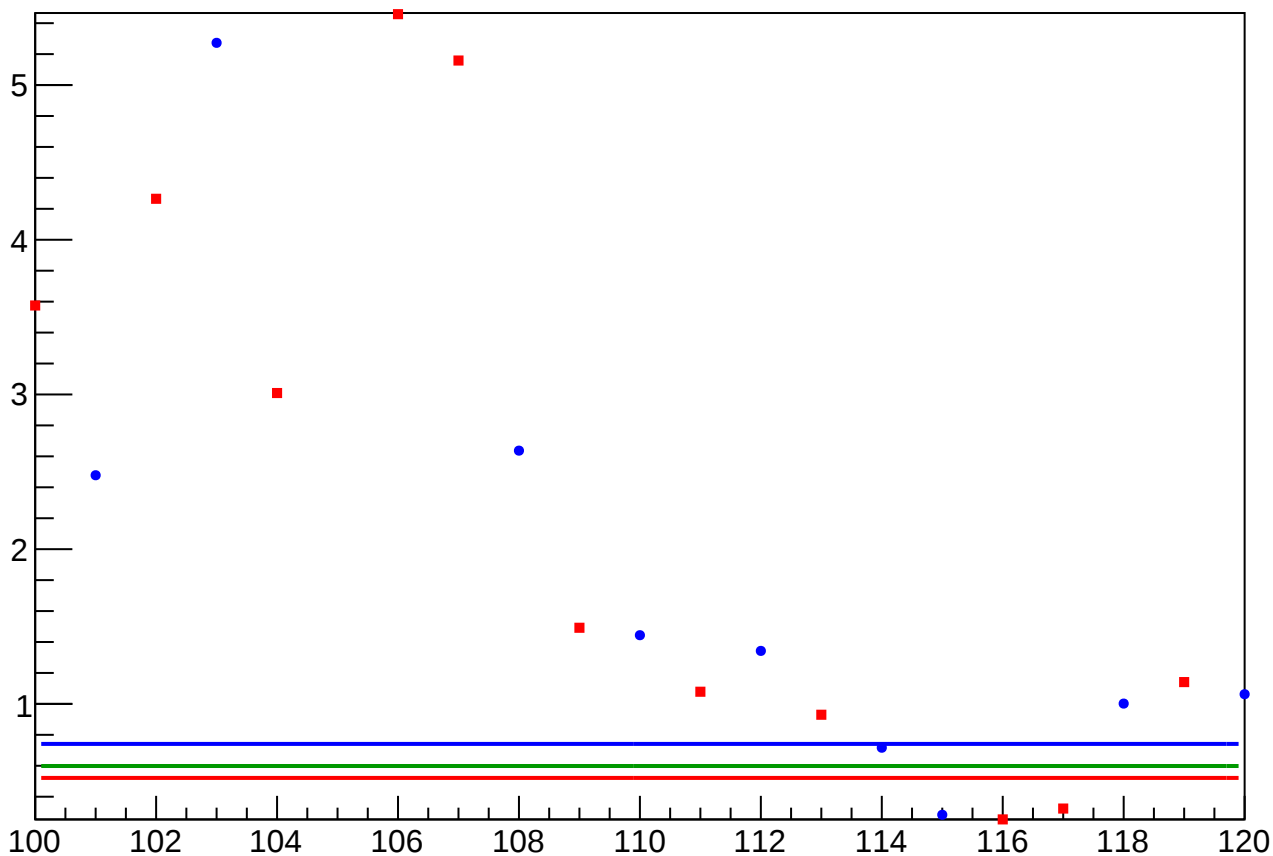
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134.823 $\pm$ 0.001 χ^2 /NDF: 449057880.9/8

131.690 $\pm$ 0.000 χ^2 /NDF: 1299470577.5/10

130.001 $\pm$ 0.000 χ^2 /NDF: 807734962.1/10

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.741+/-0.000 χ^2/NDF : 2714966.8/8

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

Right Out: 0.521+/-0.000 χ^2/NDF : 3916156.4/10

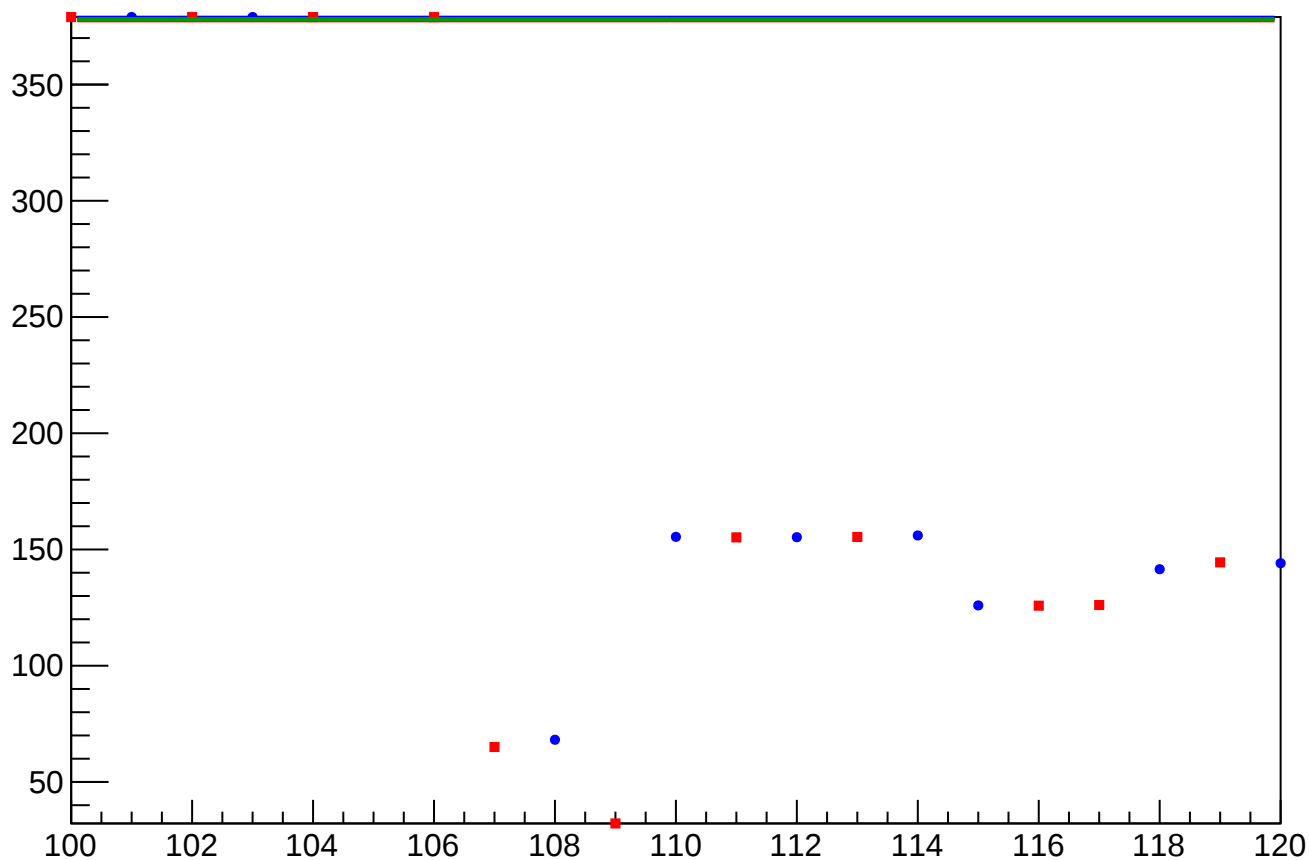
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.741+/-0.000 χ^2/NDF : 2714966.8/8

0.598+/-0.000 χ^2/NDF : 6808501.6/19

0.521+/-0.000 χ^2/NDF : 3916156.4/10

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 378.766+/-0.000 χ^2/NDF : 989189869892.7/8

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

Right Out: 377.618+/-0.000 χ^2/NDF : 7114197526189.7/10

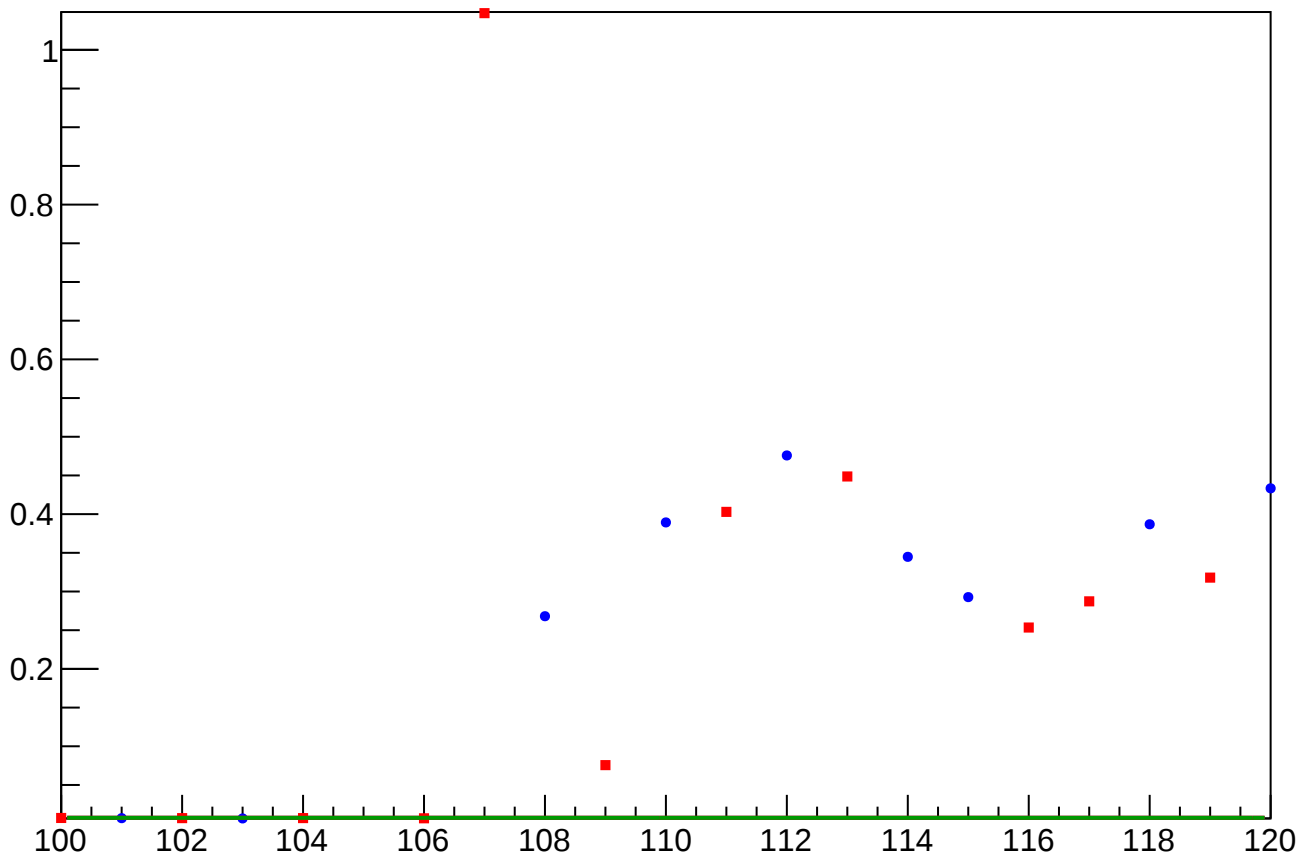
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

378.766+/-0.000 χ^2/NDF : 989189869892.7/8

378.154+/-0.000 χ^2/NDF : 811271897940

377.618+/-0.000 χ^2/NDF : 7114197526189.7/10

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3826781.8/8

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

Right Out: 0.008+/-0.000 χ^2/NDF : 4016271.7/10

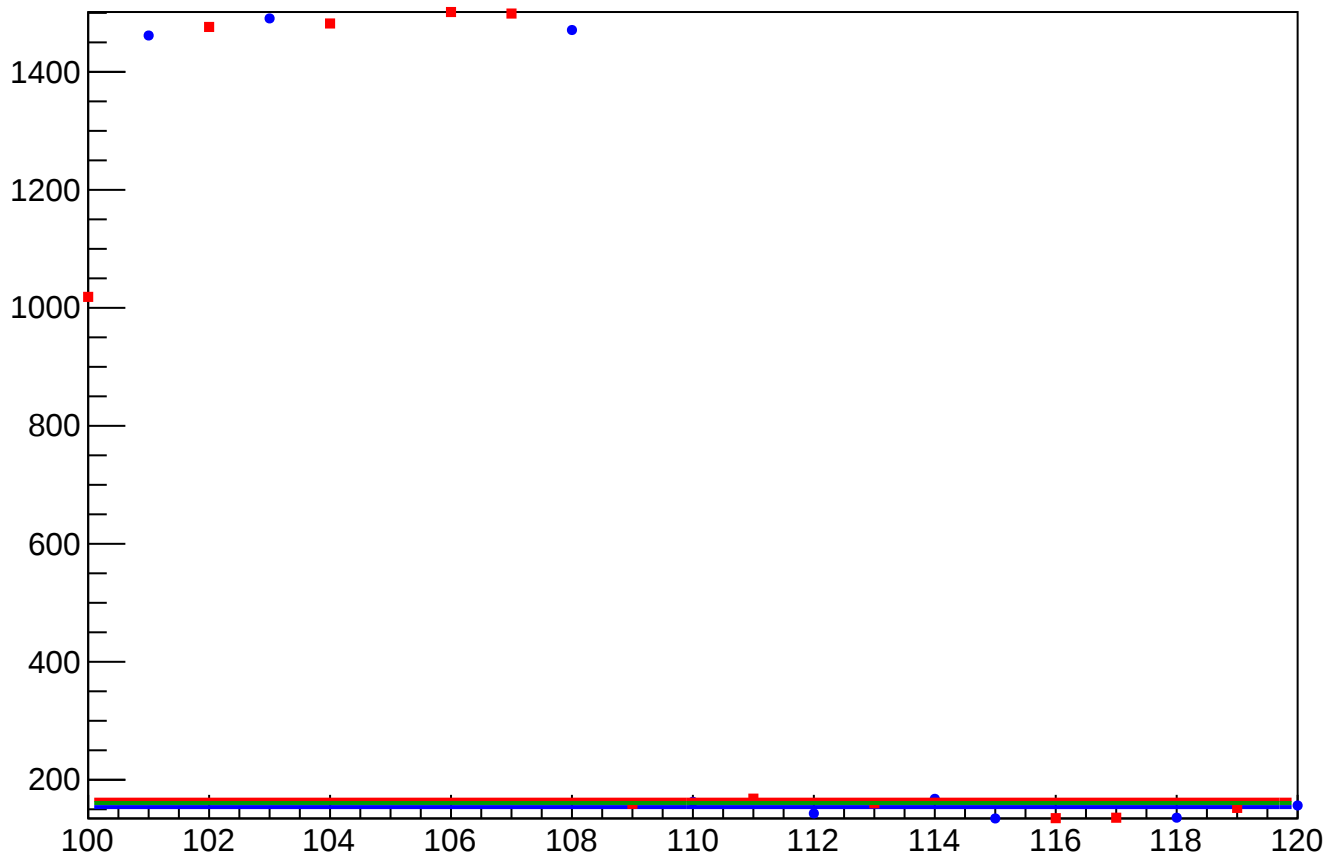
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 3826781.8/8

0.008+/-0.000 χ^2/NDF : 7843594.9/19

0.008+/-0.000 χ^2/NDF : 4016271.7/10

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 153.730+/-0.001 χ^2/NDF : 24058901763.7/8

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

Right Out: 166.326+/-0.001 χ^2/NDF : 32810639909.0/10

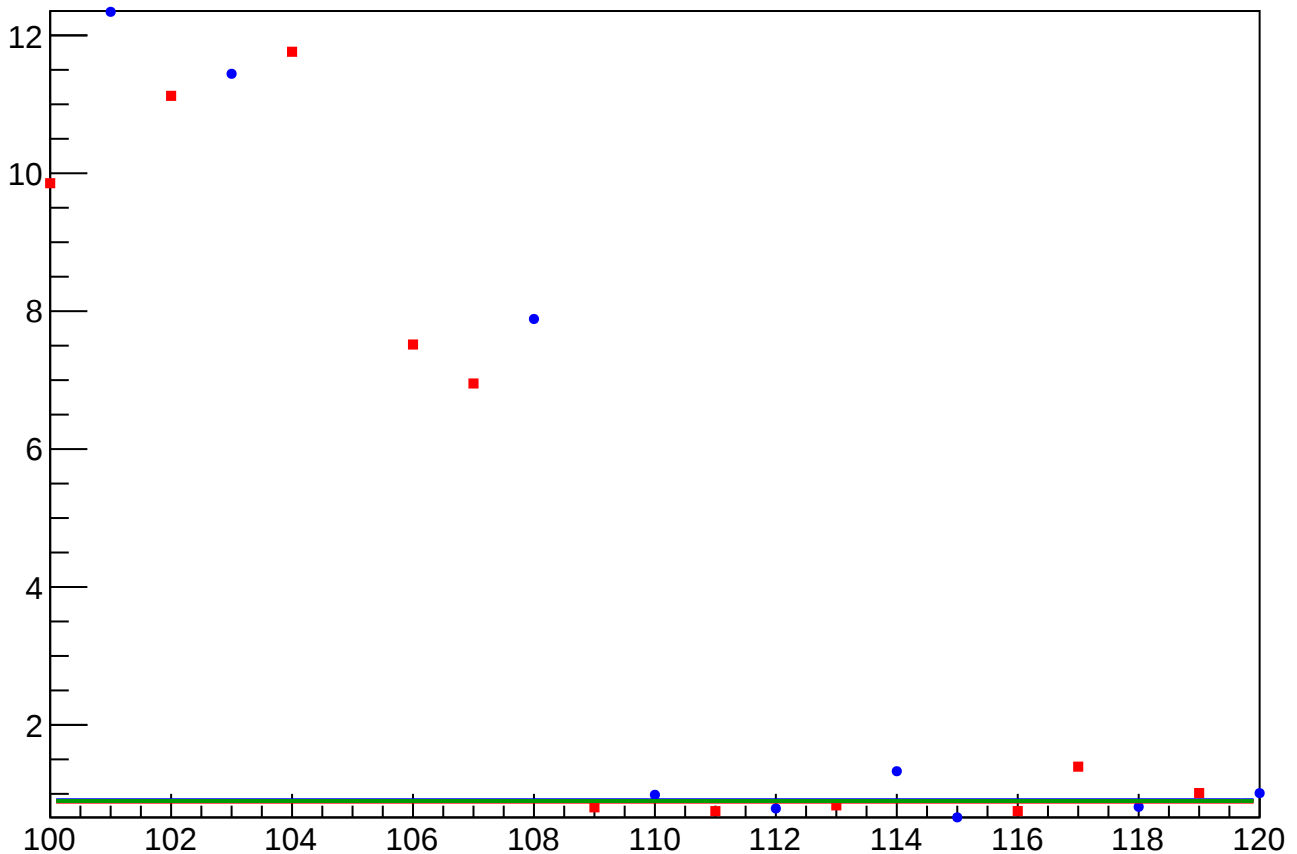
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

153.730+/-0.001 χ^2/NDF : 24058901763.7/8

160.689+/-0.000 χ^2/NDF : 57041632283.8

166.326+/-0.001 χ^2/NDF : 32810639909.0/10

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.907 $\pm$ 0.001 χ^2 /NDF: 2531807.9/8

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

Right Out: 0.887 $\pm$ 0.000 χ^2 /NDF: 2690465.2/10

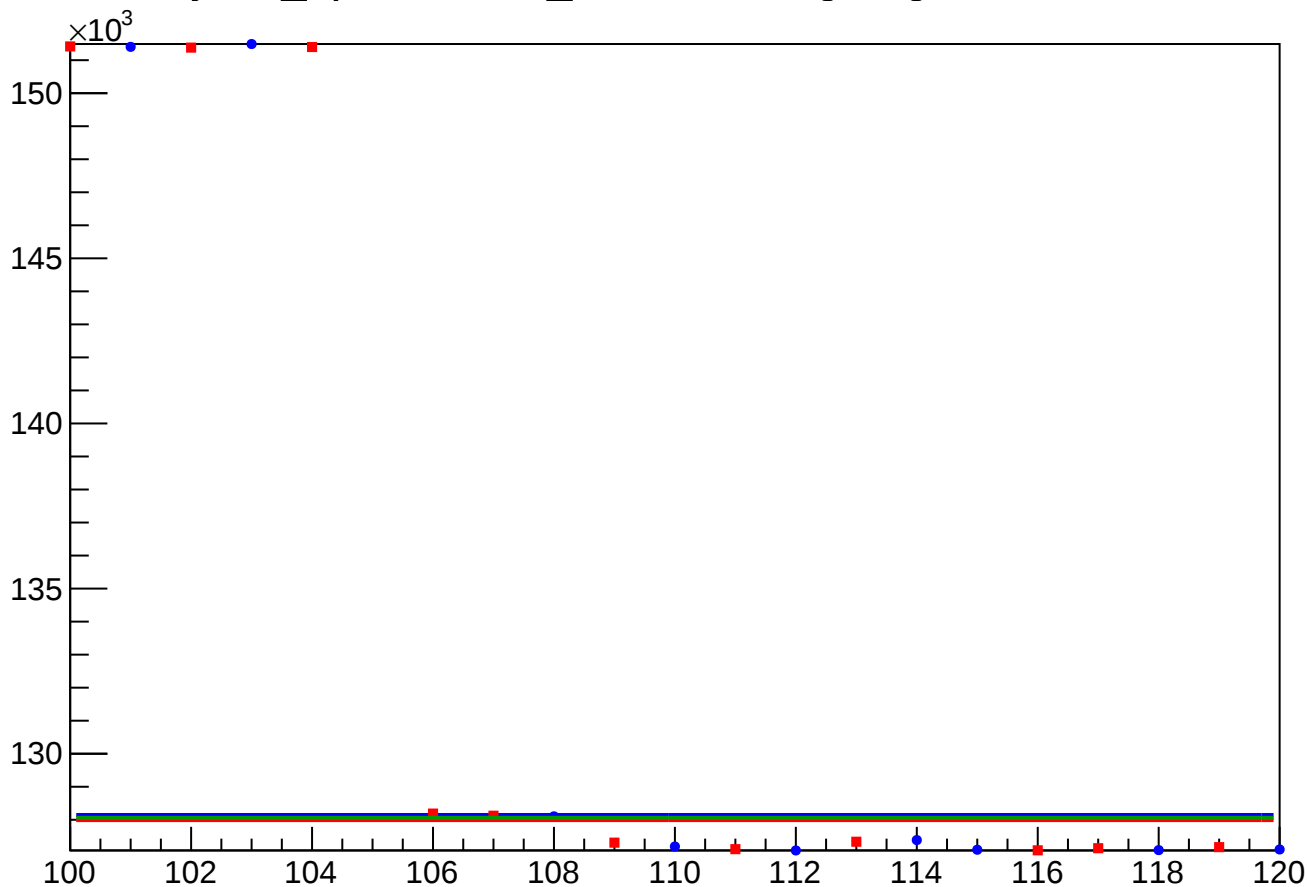
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.907 $\pm$ 0.001 χ^2 /NDF: 2531807.9/8

0.896 $\pm$ 0.000 χ^2 /NDF: 5223132.1/19

0.887 $\pm$ 0.000 χ^2 /NDF: 2690465.2/10

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 128144.873 $\pm$ 0.071 χ^2 /NDF: 4136435592.9/8

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

Right Out: 127990.460 $\pm$ 0.063 χ^2 /NDF: 3619644343.8/10

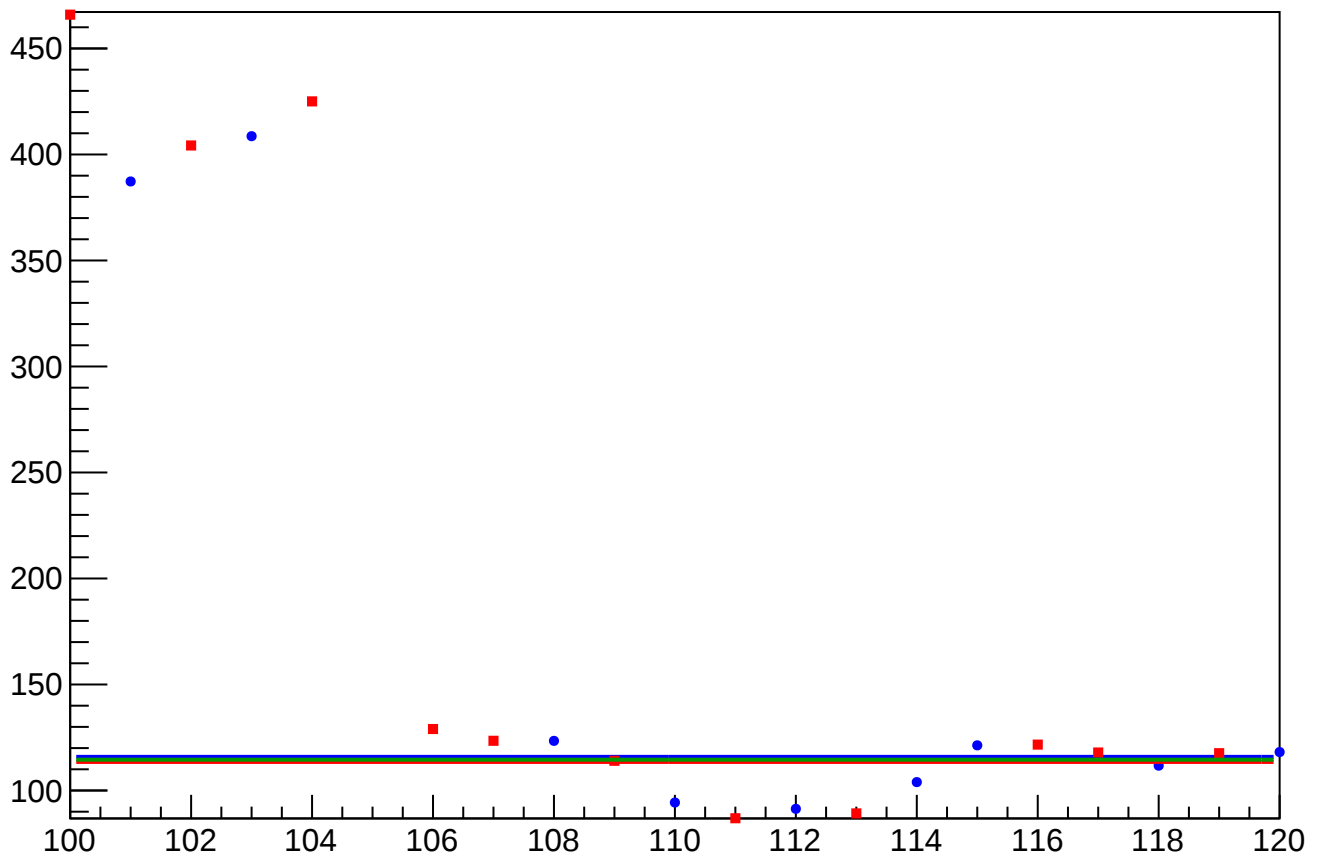
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128144.873 $\pm$ 0.071 χ^2 /NDF: 4136435592.9/8

128058.787 $\pm$ 0.047 χ^2 /NDF: 775870464

127990.460 $\pm$ 0.063 χ^2 /NDF: 3619644343.8/10

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 115.863+/-0.050 χ^2/NDF : 1260017.9/8

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

Right Out: 113.473+/-0.045 χ^2/NDF : 1330770.2/10

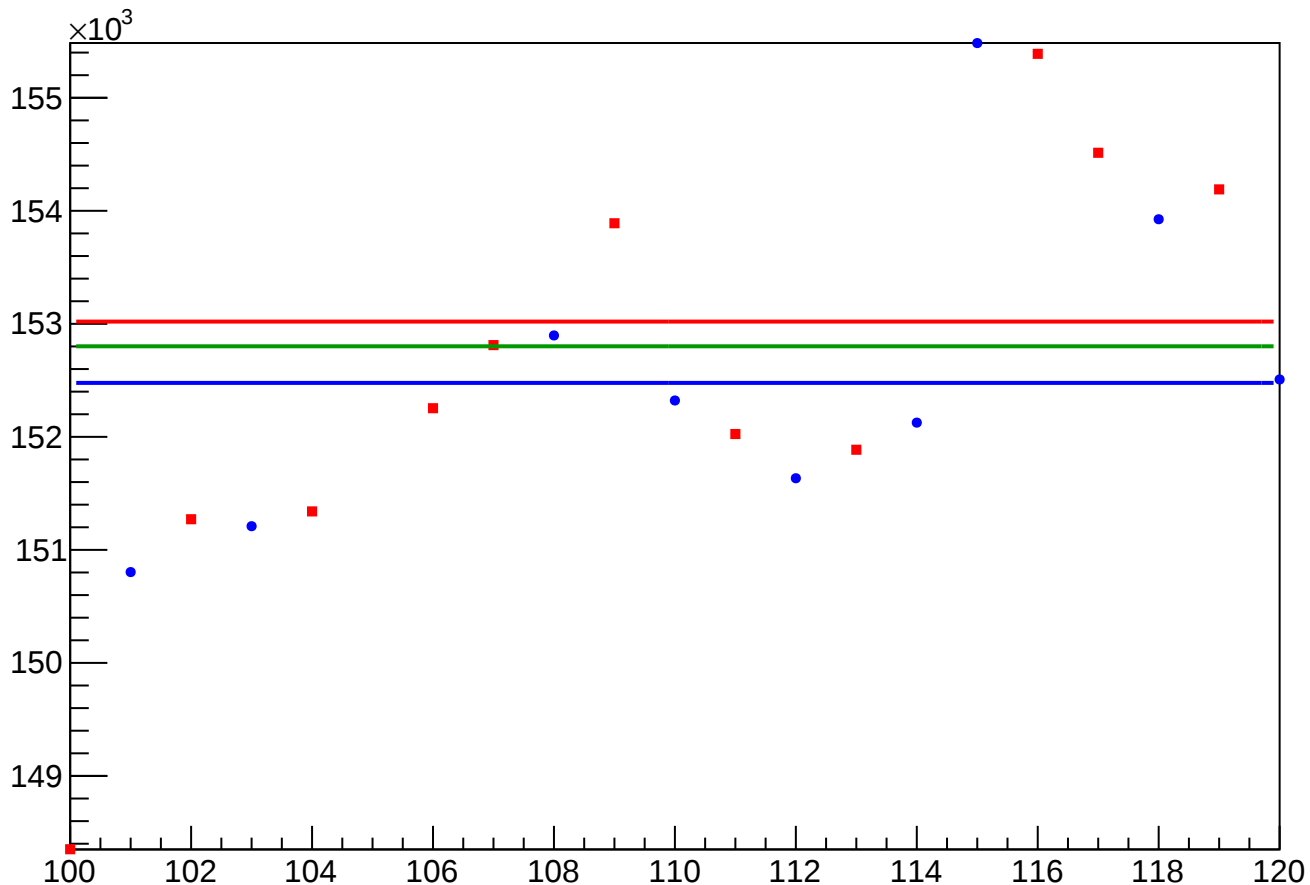
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

115.863+/-0.050 χ^2/NDF : 1260017.9/8

114.530+/-0.033 χ^2/NDF : 2592045.7/19

113.473+/-0.045 χ^2/NDF : 1330770.2/10

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152477.481 $\pm$ 0.112 χ^2 /NDF: 81770578.2/8

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

152477.481 $\pm$ 0.112 χ^2 /NDF: 81770578.2/8

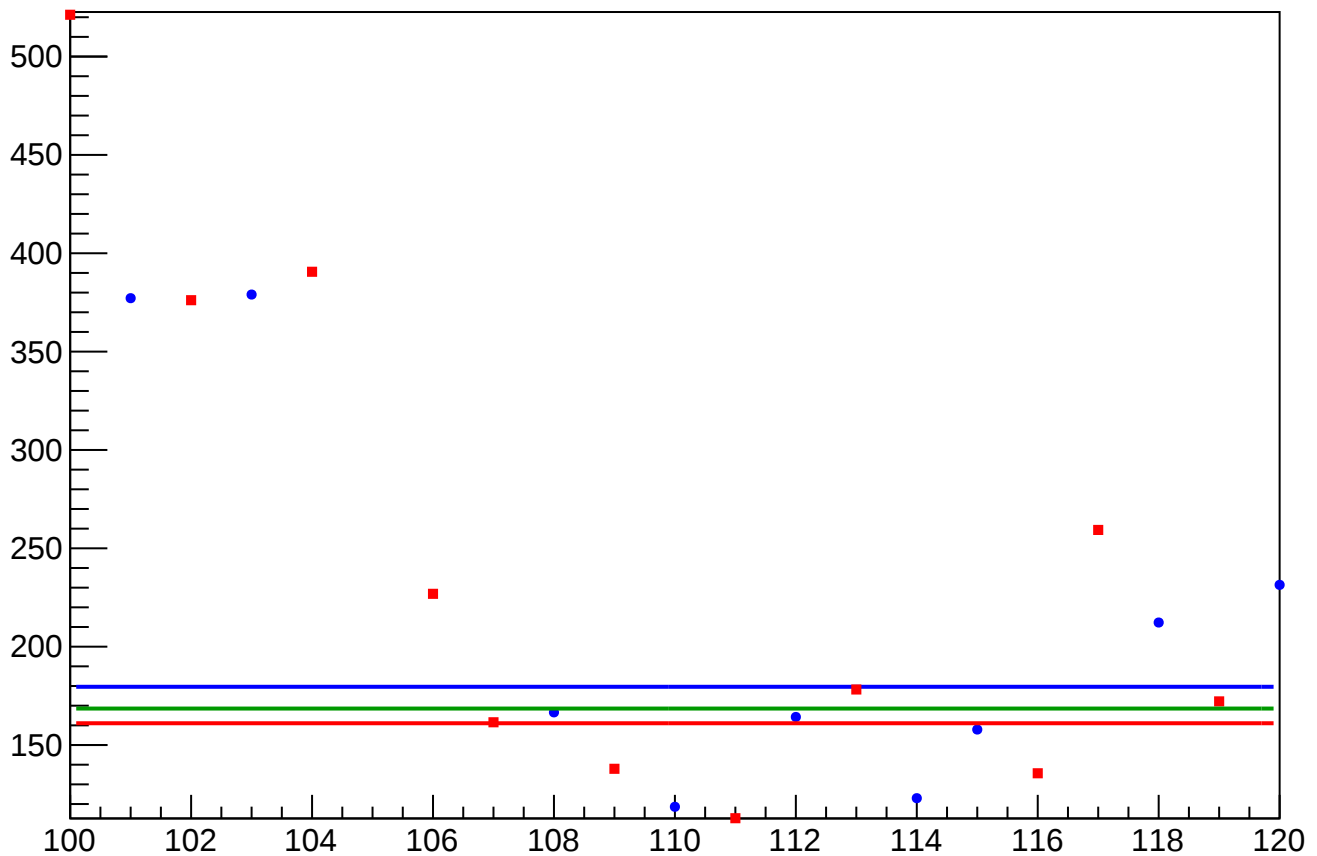
152801.265 $\pm$ 0.071 χ^2 /NDF: 270674228.

Right Out: 153019.888 $\pm$ 0.092 χ^2 /NDF: 174838902.1/10

153019.888 $\pm$ 0.092 χ^2 /NDF: 174838902.1/10

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

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 179.607 $\pm$ 0.079 χ^2 /NDF: 894305.7/8

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

Right Out: 161.071 $\pm$ 0.065 χ^2 /NDF: 1015289.4/10

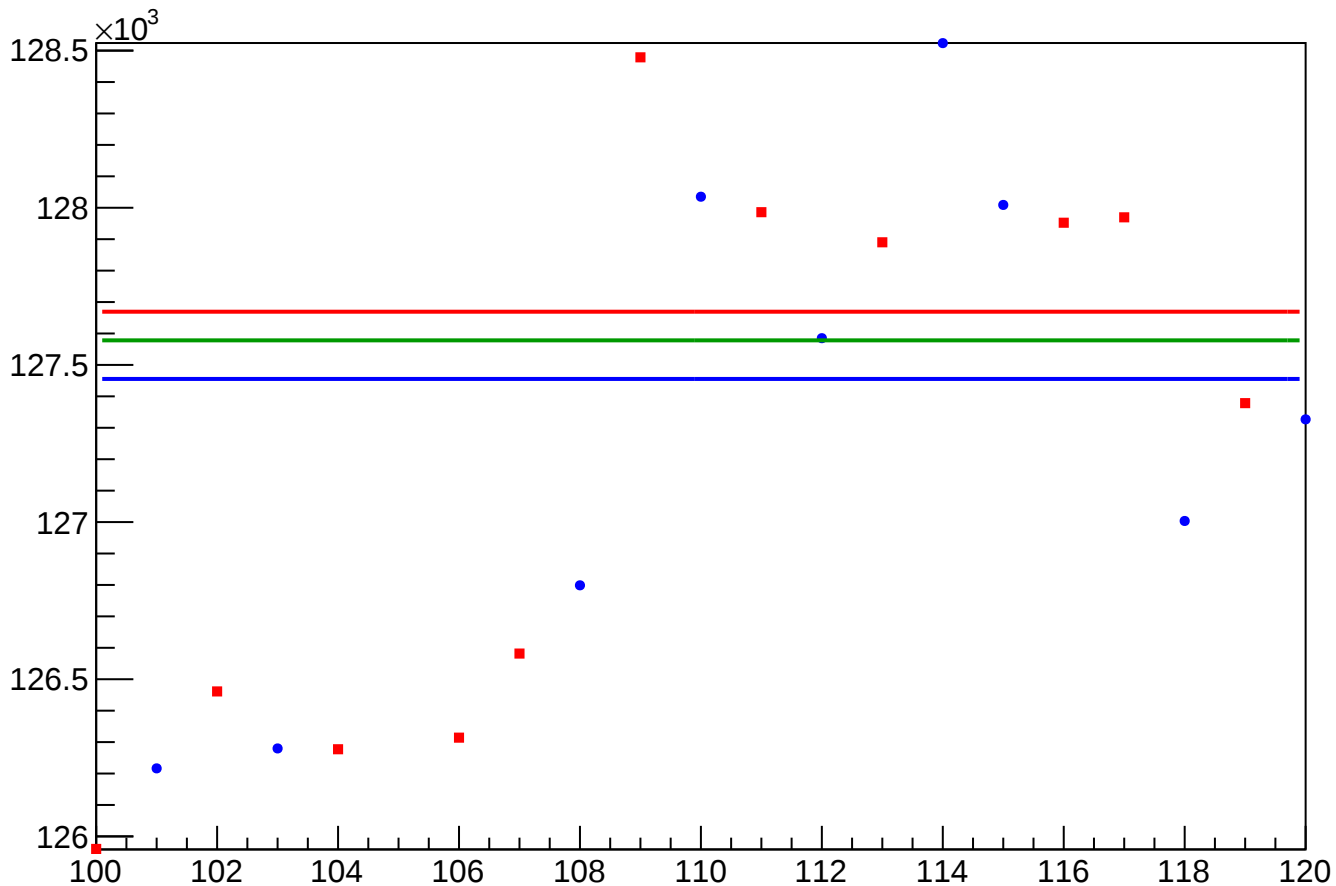
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

179.607 $\pm$ 0.079 χ^2 /NDF: 894305.7/8

168.542 $\pm$ 0.050 χ^2 /NDF: 1942446.1/19

161.071 $\pm$ 0.065 χ^2 /NDF: 1015289.4/10

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127455.376 $\pm$ 0.085 χ^2 /NDF: 54912651.8/8

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

Right Out: 127669.306 $\pm$ 0.073 χ^2 /NDF: 79661294.8/10

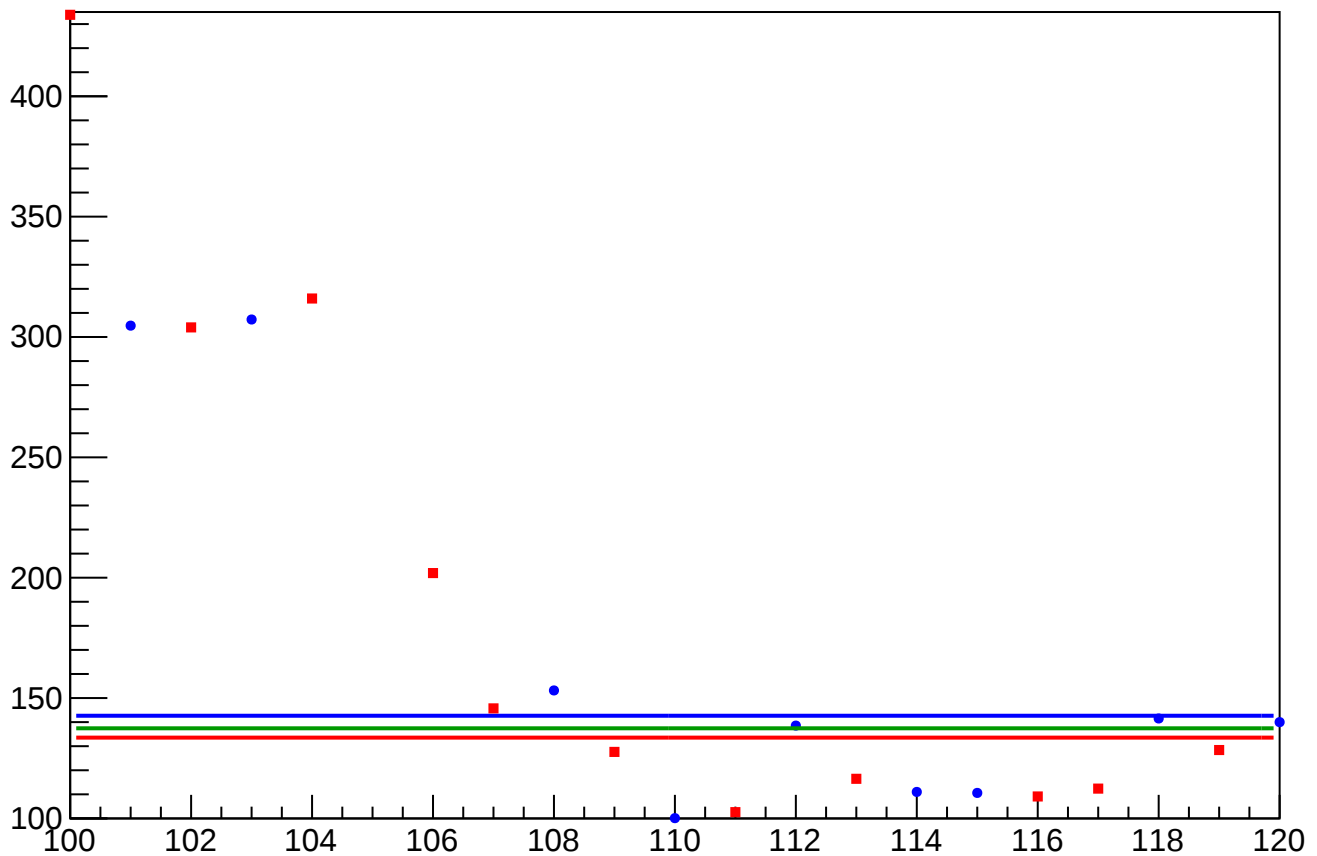
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

127455.376 $\pm$ 0.085 χ^2 /NDF: 54912651.8/8

127578.146 $\pm$ 0.055 χ^2 /NDF: 138231689

127669.306 $\pm$ 0.073 χ^2 /NDF: 79661294.8/10

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 142.650+/-0.060 χ^2/NDF : 820259.0/8

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

Right Out: 133.560+/-0.052 χ^2/NDF : 926265.1/10

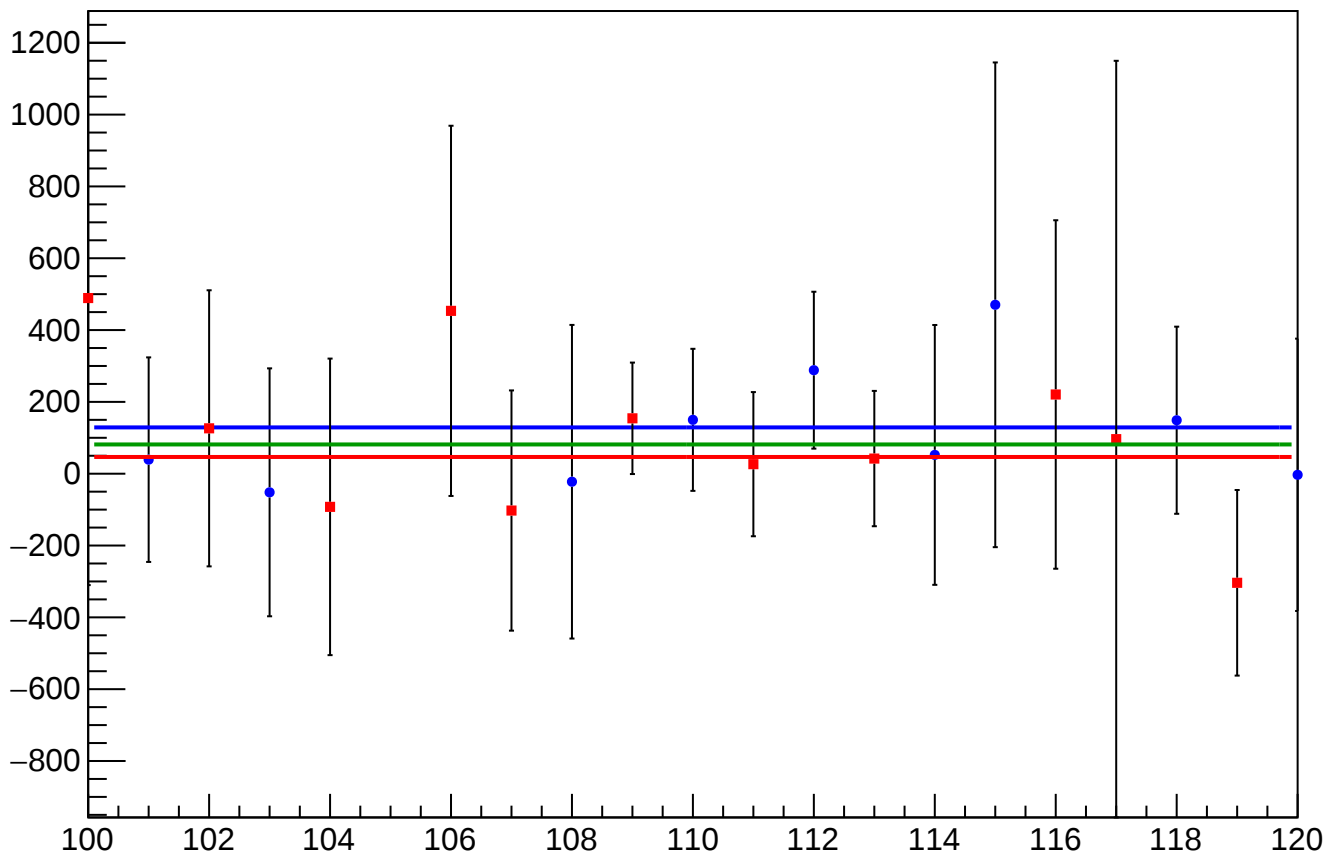
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

142.650+/-0.060 χ^2/NDF : 820259.0/8

137.434+/-0.039 χ^2/NDF : 1759731.5/19

133.560+/-0.052 χ^2/NDF : 926265.1/10

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 128.949+/-98.052 χ^2/NDF : 1.5/8

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

Right Out: 46.602+/-84.059 χ^2/NDF : 3.7/10

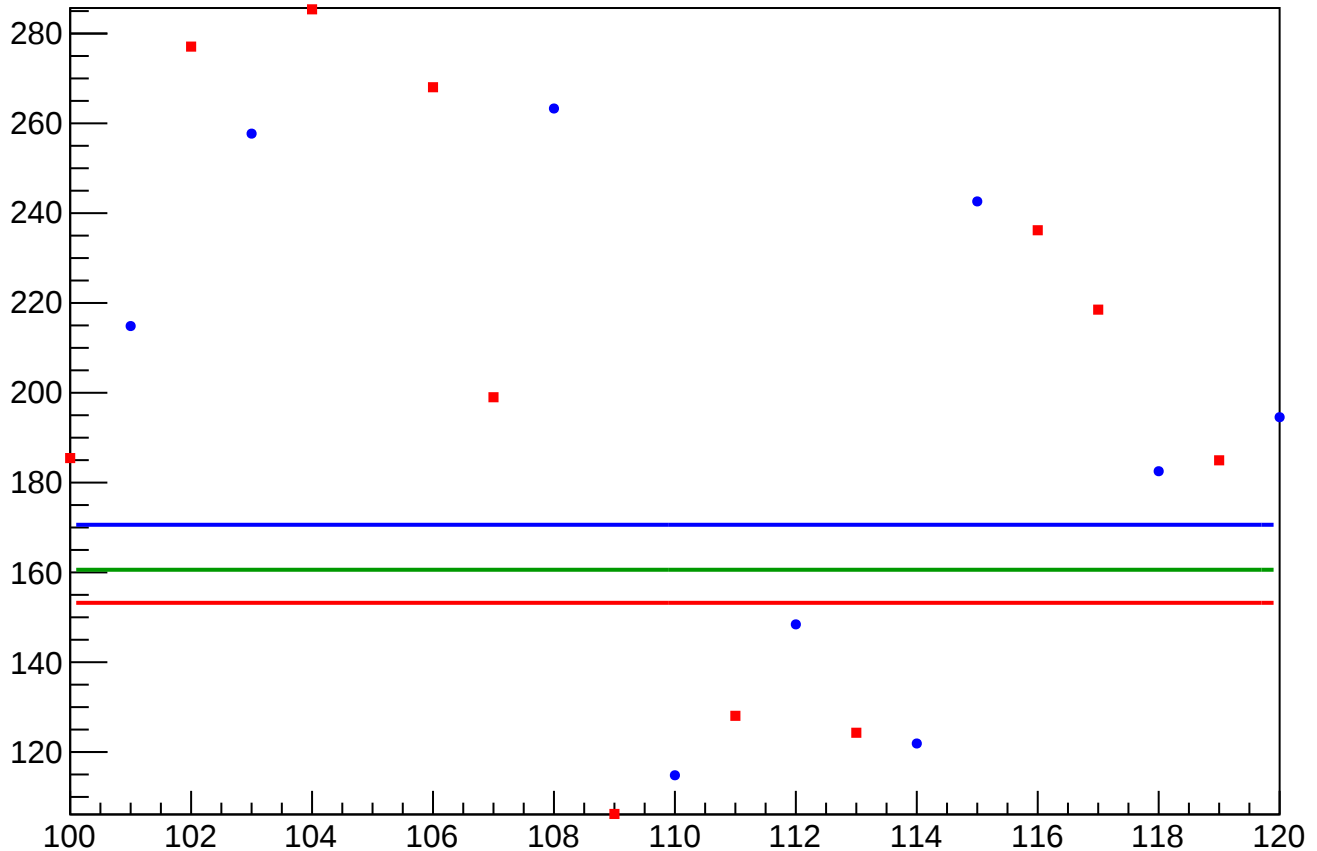
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.949+/-98.052 χ^2/NDF : 1.5/8

81.485+/-63.817 χ^2/NDF : 5.6/19

46.602+/-84.059 χ^2/NDF : 3.7/10

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 170.606 $\pm$ 0.069 χ^2 /NDF: 516675.9/8

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

Right Out: 153.226 $\pm$ 0.059 χ^2 /NDF: 911006.0/10

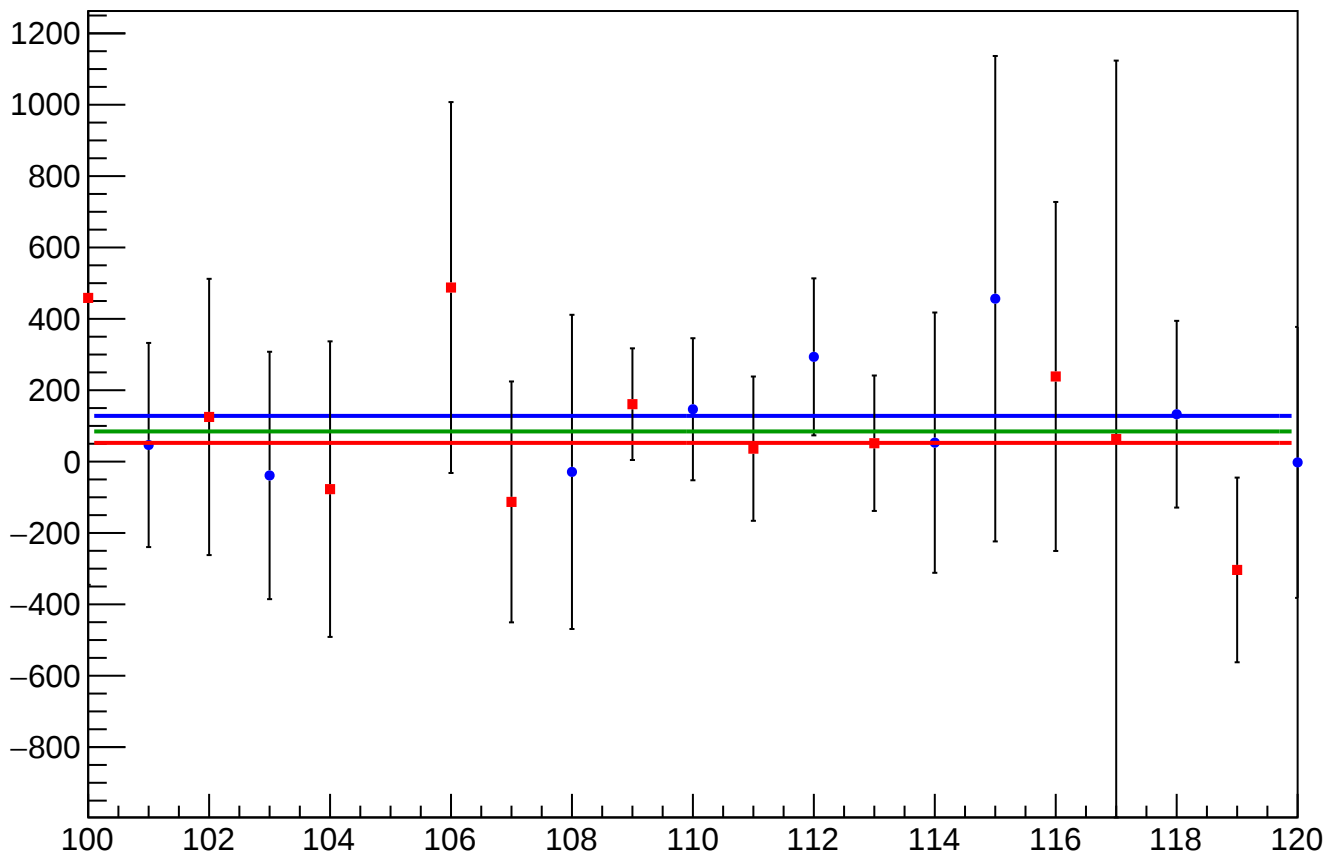
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

170.606 $\pm$ 0.069 χ^2 /NDF: 516675.9/8

160.588 $\pm$ 0.045 χ^2 /NDF: 1463900.0/19

153.226 $\pm$ 0.059 χ^2 /NDF: 911006.0/10

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 128.116+/-98.607 χ^2/NDF : 1.4/8

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

Right Out: 52.447+/-84.624 χ^2/NDF : 3.9/10

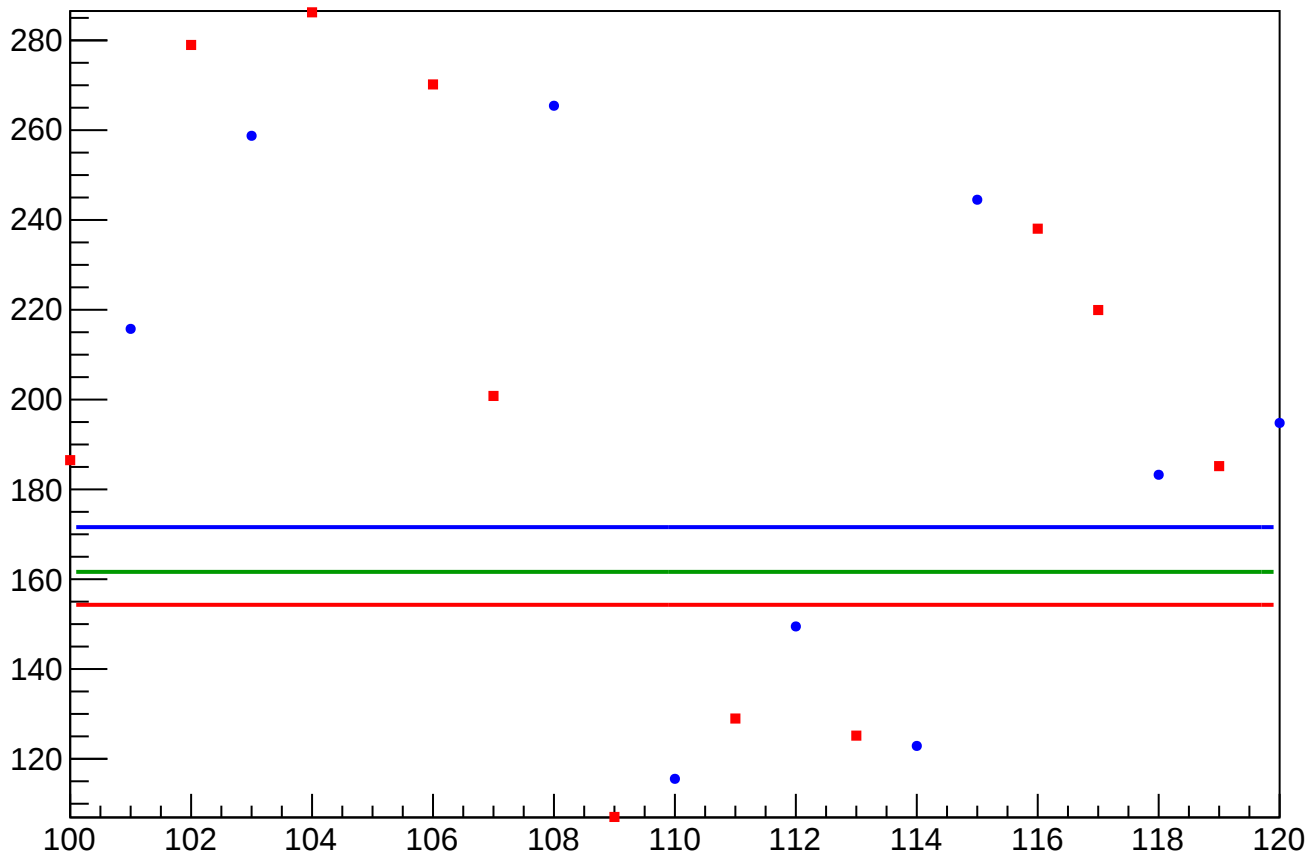
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.116+/-98.607 χ^2/NDF : 1.4/8

84.540+/-64.218 χ^2/NDF : 5.6/19

52.447+/-84.624 χ^2/NDF : 3.9/10

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 171.597 $\pm$ 0.070 χ^2 /NDF: 513938.6/8

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

Right Out: 154.297 $\pm$ 0.060 χ^2 /NDF: 906956.3/10

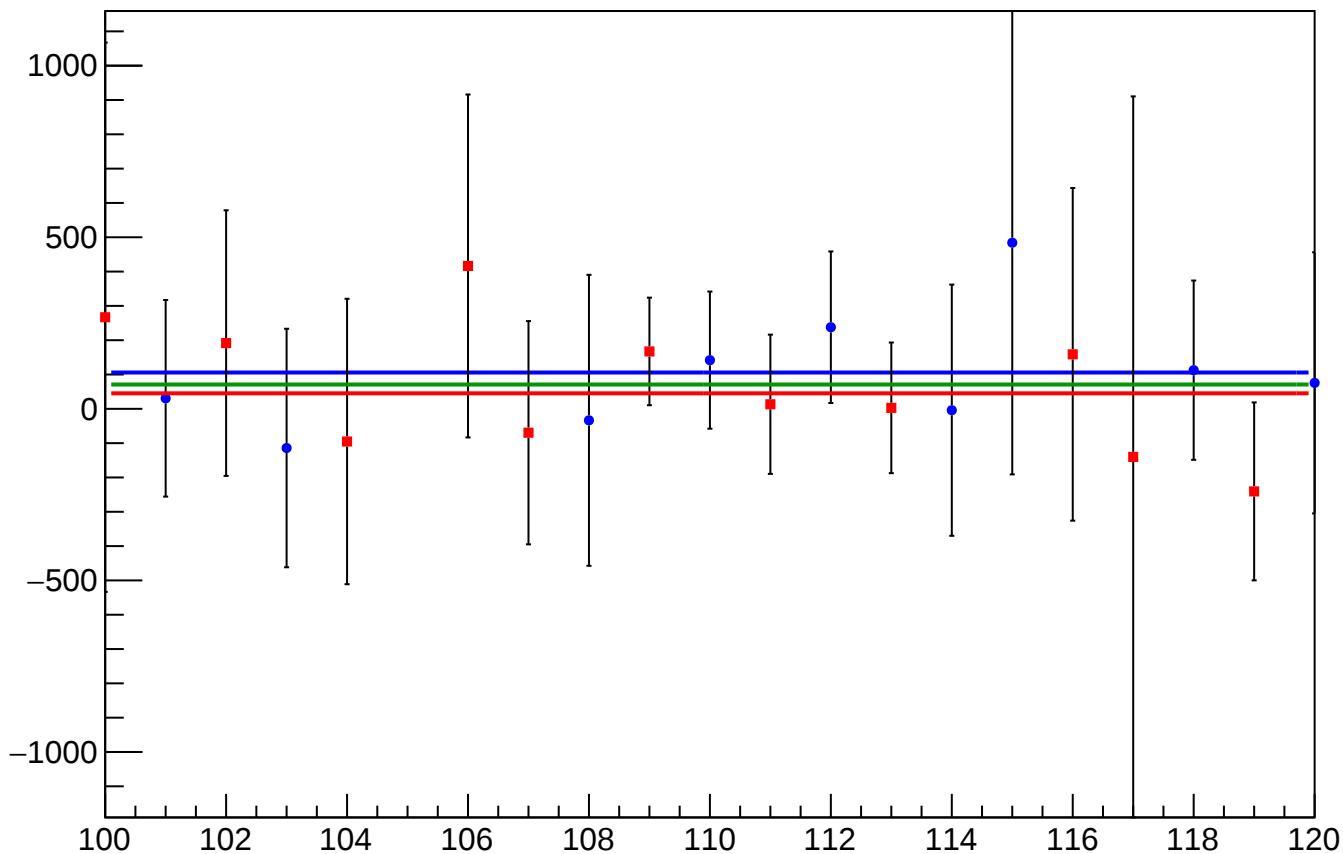
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

171.597 $\pm$ 0.070 χ^2 /NDF: 513938.6/8

161.634 $\pm$ 0.045 χ^2 /NDF: 1456345.4/19

154.297 $\pm$ 0.060 χ^2 /NDF: 906956.3/10

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 105.820 $\pm$ 98.628 χ^2/NDF : 1.4/8

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

Right Out: 45.200 $\pm$ 84.486 χ^2/NDF : 3.0/10

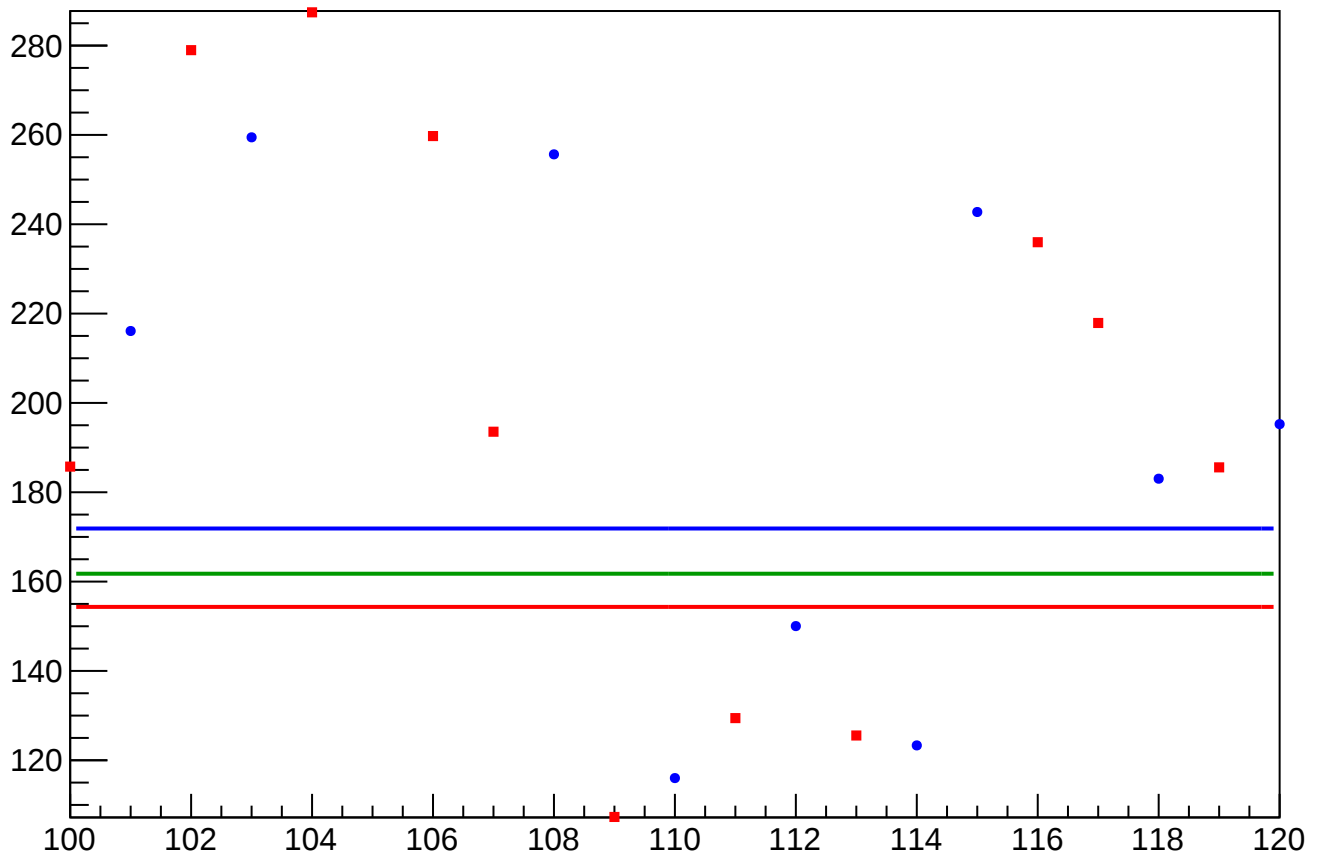
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

105.820 $\pm$ 98.628 χ^2/NDF : 1.4/8

70.856 $\pm$ 64.163 χ^2/NDF : 4.6/19

45.200 $\pm$ 84.486 χ^2/NDF : 3.0/10

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 171.885+/-0.070 χ^2/NDF : 497067.2/8

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

Right Out: 154.334+/-0.060 χ^2/NDF : 882412.0/10

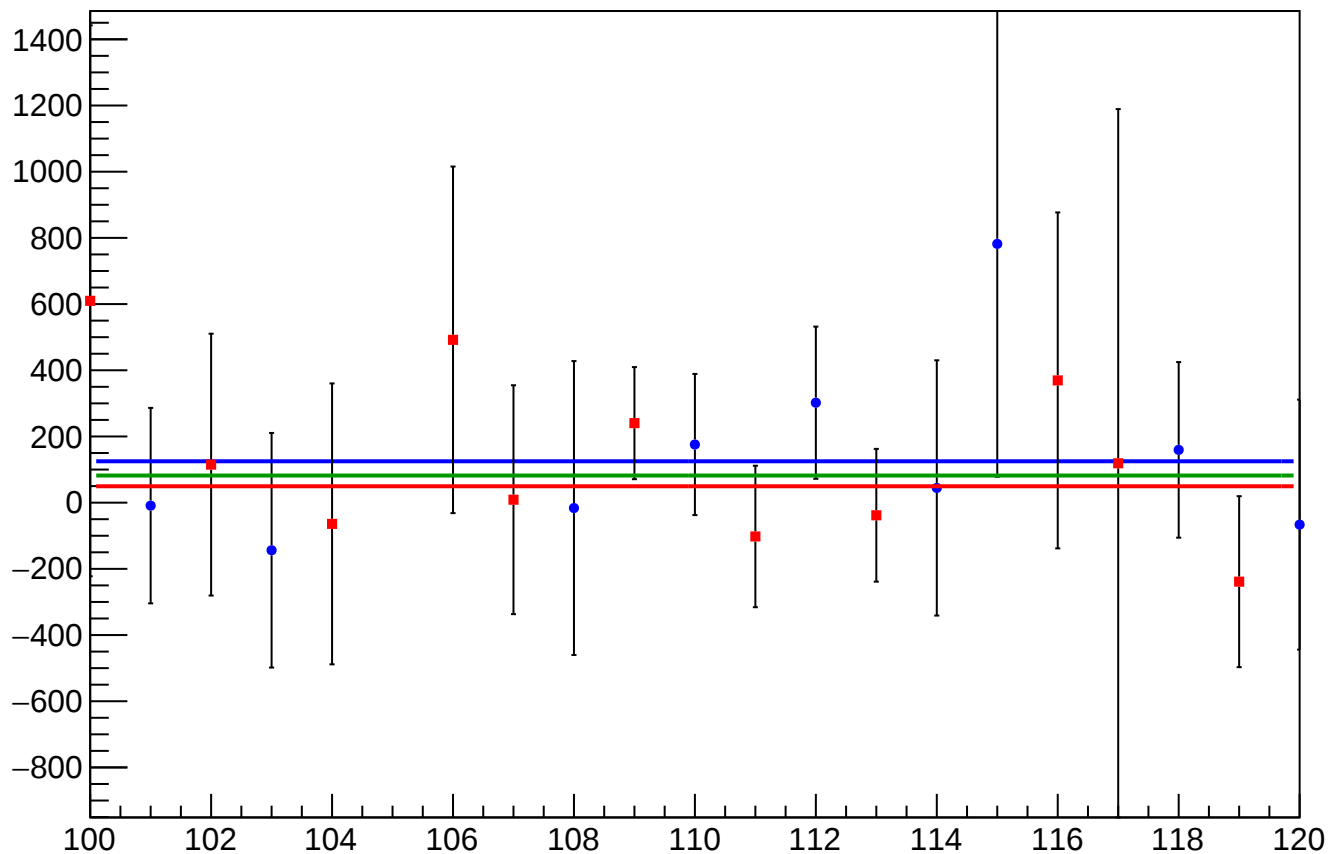
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

171.885+/-0.070 χ^2/NDF : 497067.2/8

161.762+/-0.045 χ^2/NDF : 1416005.7/19

154.334+/-0.060 χ^2/NDF : 882412.0/10

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 125.033+/-102.398 χ^2/NDF : 2.7/8

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

Right Out: 49.554+/-88.826 χ^2/NDF : 4.9/10

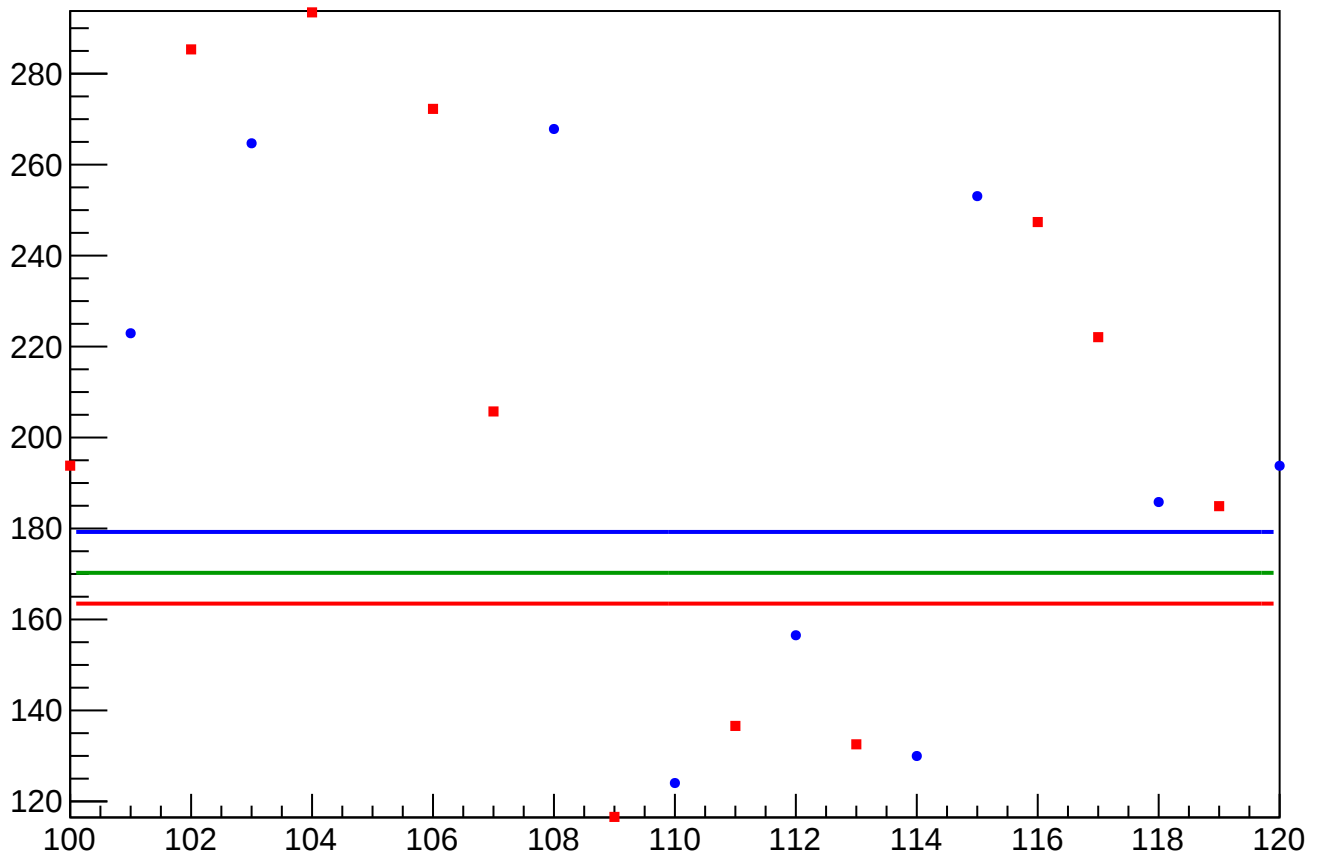
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.033+/-102.398 χ^2/NDF : 2.7/8

81.963+/-67.098 χ^2/NDF : 7.9/19

49.554+/-88.826 χ^2/NDF : 4.9/10

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 179.243+/-0.072 χ^2/NDF : 452070.0/8

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

Right Out: 163.486+/-0.063 χ^2/NDF : 803230.5/10

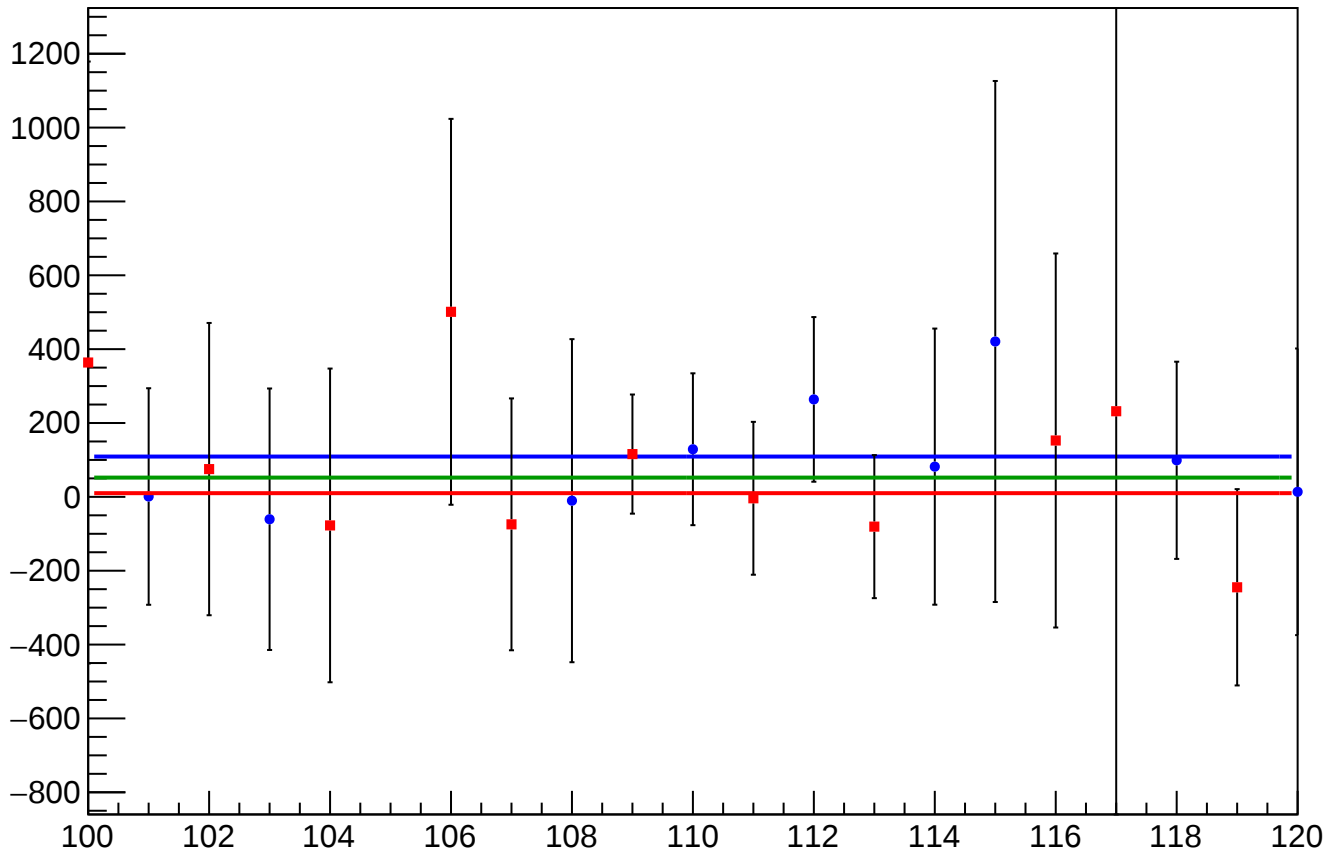
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

179.243+/-0.072 χ^2/NDF : 452070.0/8

170.252+/-0.047 χ^2/NDF : 1282325.8/19

163.486+/-0.063 χ^2/NDF : 803230.5/10

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 109.149+/-100.789 χ^2/NDF : 1.2/8

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

Right Out: 10.013+/-86.708 χ^2/NDF : 2.9/10

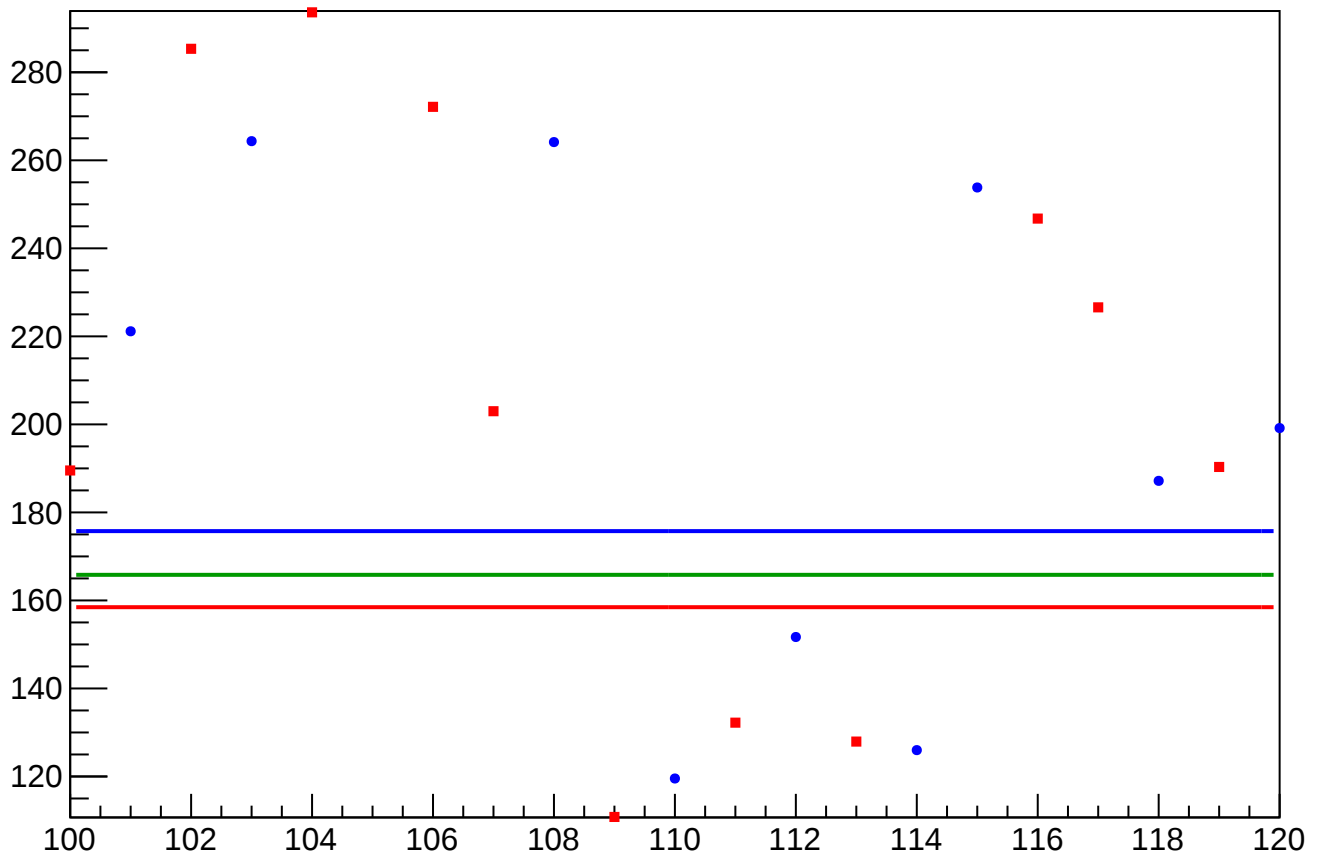
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

109.149+/-100.789 χ^2/NDF : 1.2/8

52.178+/-65.731 χ^2/NDF : 4.6/19

10.013+/-86.708 χ^2/NDF : 2.9/10

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 175.750+/-0.071 χ^2/NDF : 498528.9/8

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

Right Out: 158.464+/-0.061 χ^2/NDF : 893473.1/10

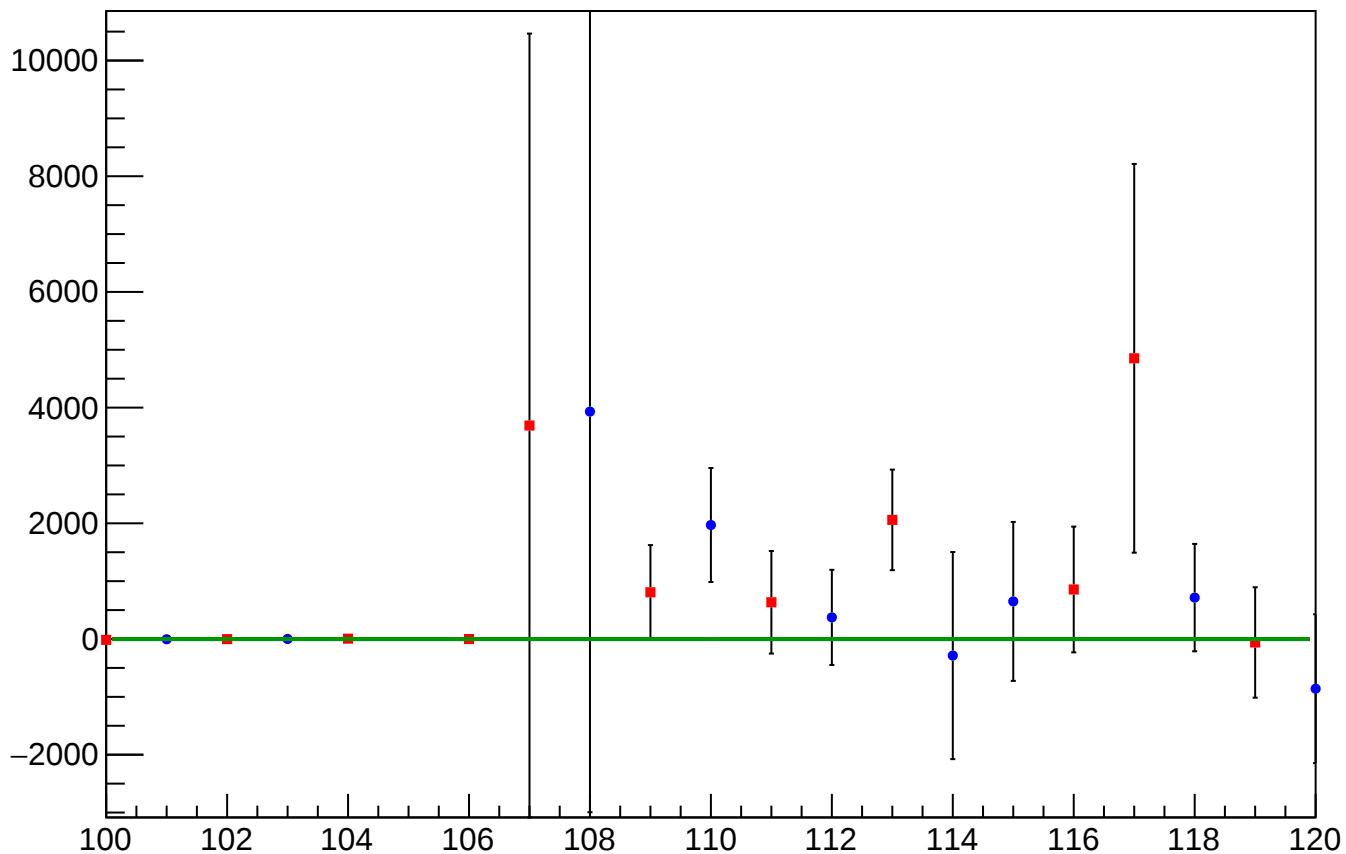
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

175.750+/-0.071 χ^2/NDF : 498528.9/8

165.816+/-0.046 χ^2/NDF : 1425807.4/19

158.464+/-0.061 χ^2/NDF : 893473.1/10

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.504+/-2.252 χ^2/NDF : 7.1/8

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

Right Out: 0.738+/-2.111 χ^2/NDF : 16.0/10

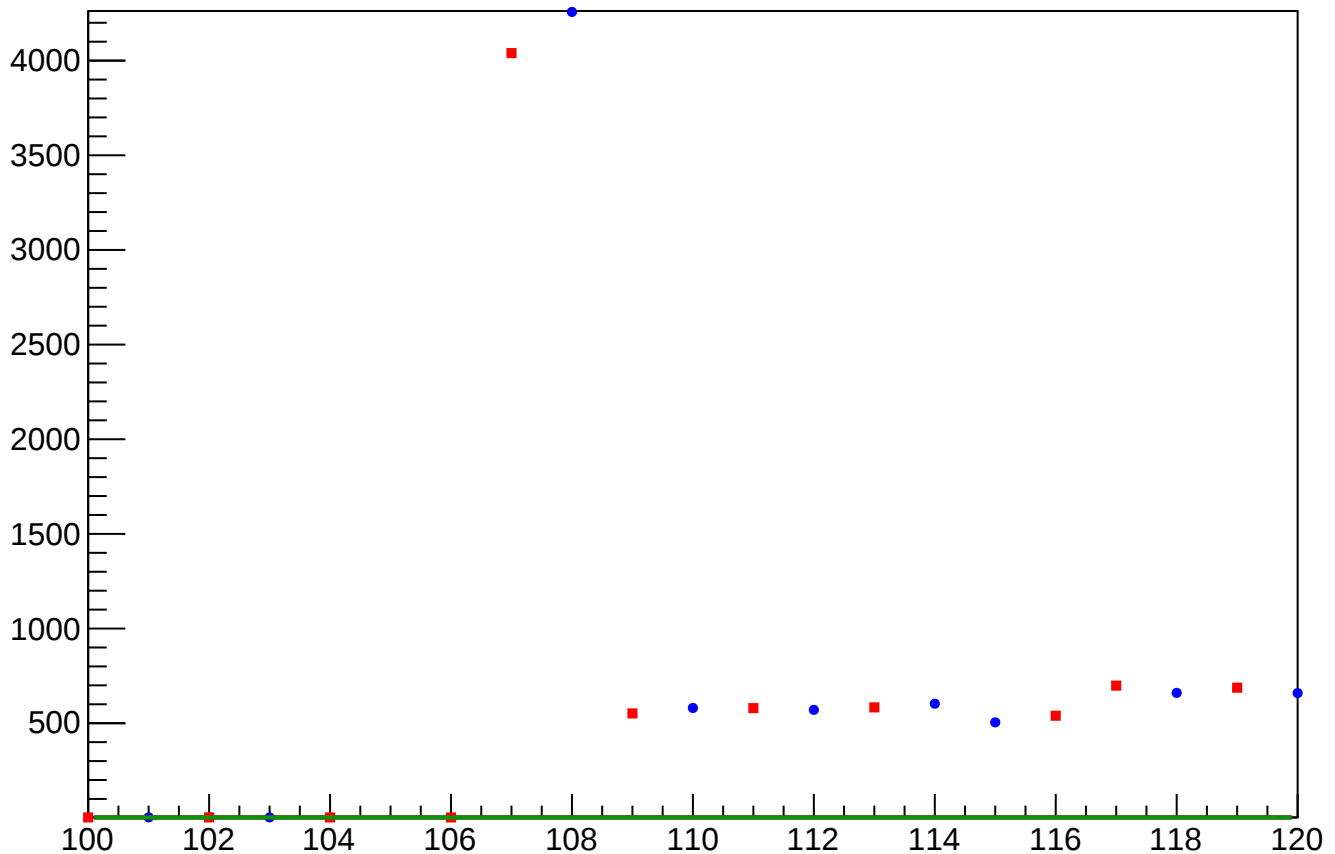
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.504+/-2.252 χ^2/NDF : 7.1/8

-0.311+/-1.540 χ^2/NDF : 23.7/19

0.738+/-2.111 χ^2/NDF : 16.0/10

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.426 $\pm$ 0.002 χ^2 /NDF: 4430619.7/8

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

Right Out: 2.412 $\pm$ 0.001 χ^2 /NDF: 4974191.8/10

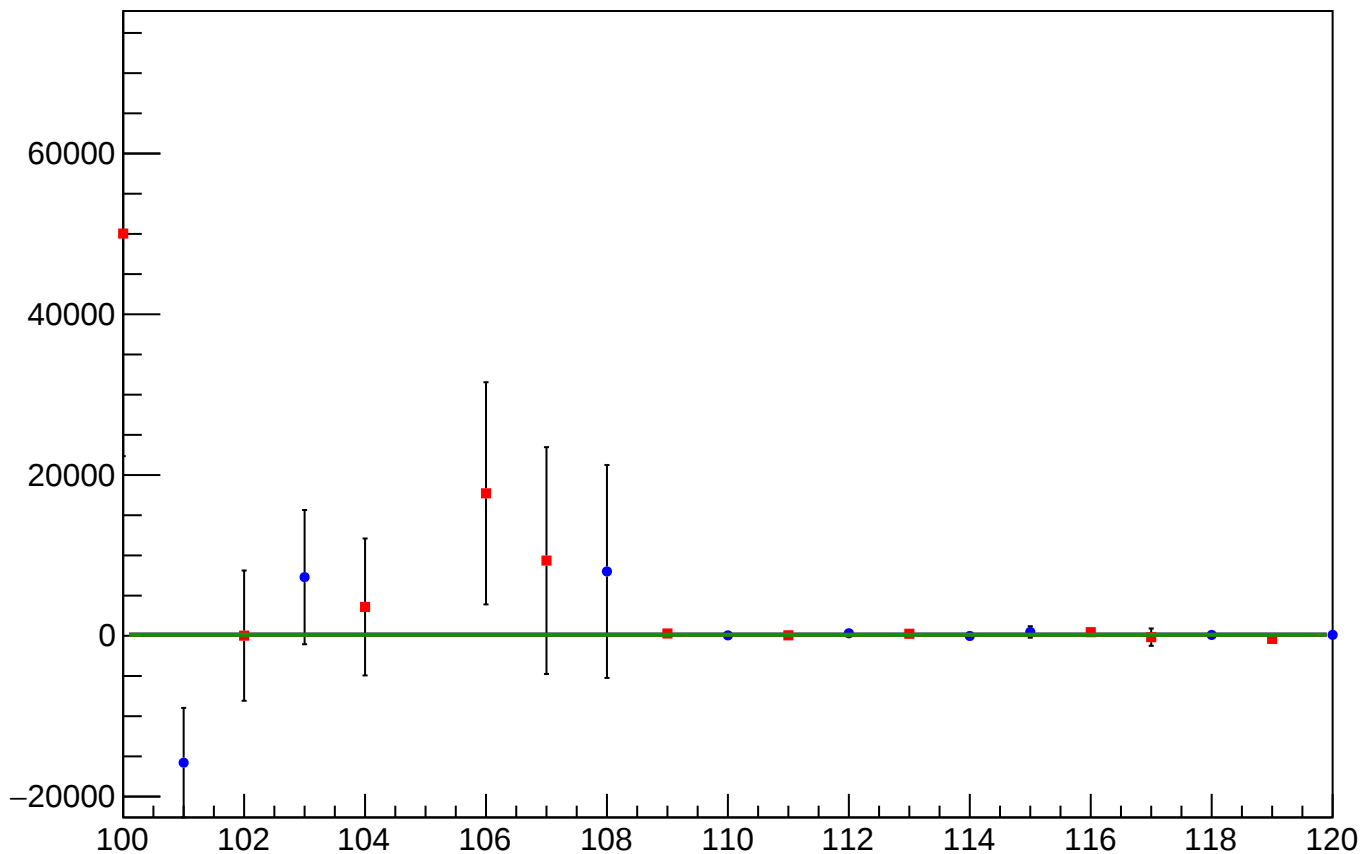
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.426 $\pm$ 0.002 χ^2 /NDF: 4430619.7/8

2.419 $\pm$ 0.001 χ^2 /NDF: 9404853.7/19

2.412 $\pm$ 0.001 χ^2 /NDF: 4974191.8/10

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 144.450+/-119.736 χ^2/NDF : 7.8/8

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

Right Out: 124.246+/-109.323 χ^2/NDF : 10.2/10

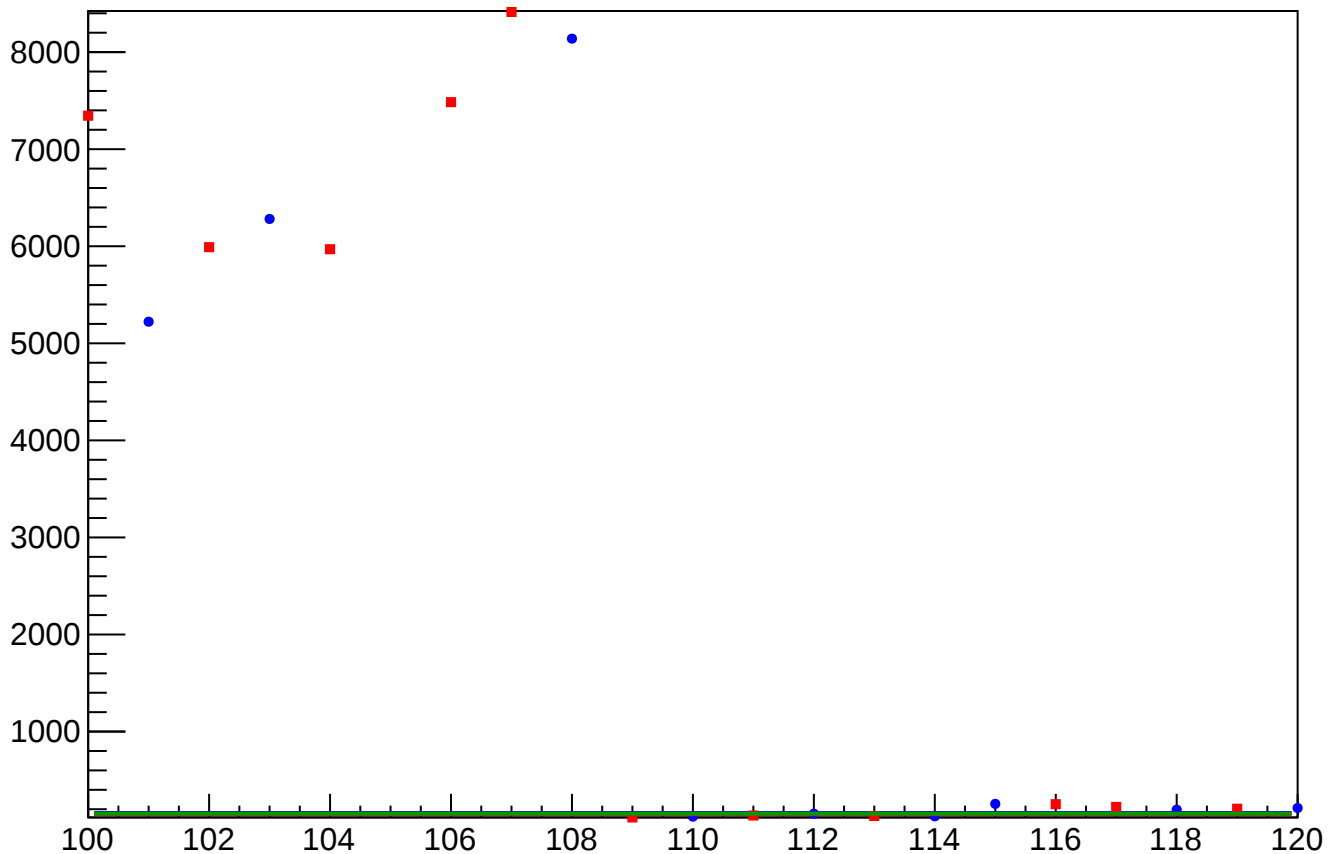
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.450+/-119.736 χ^2/NDF : 7.8/8

133.432+/-80.734 χ^2/NDF : 17.9/19

124.246+/-109.323 χ^2/NDF : 10.2/10

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 160.365+/-0.085 χ^2/NDF : 3080805.1/8

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

Right Out: 148.646+/-0.077 χ^2/NDF : 3592508.4/10

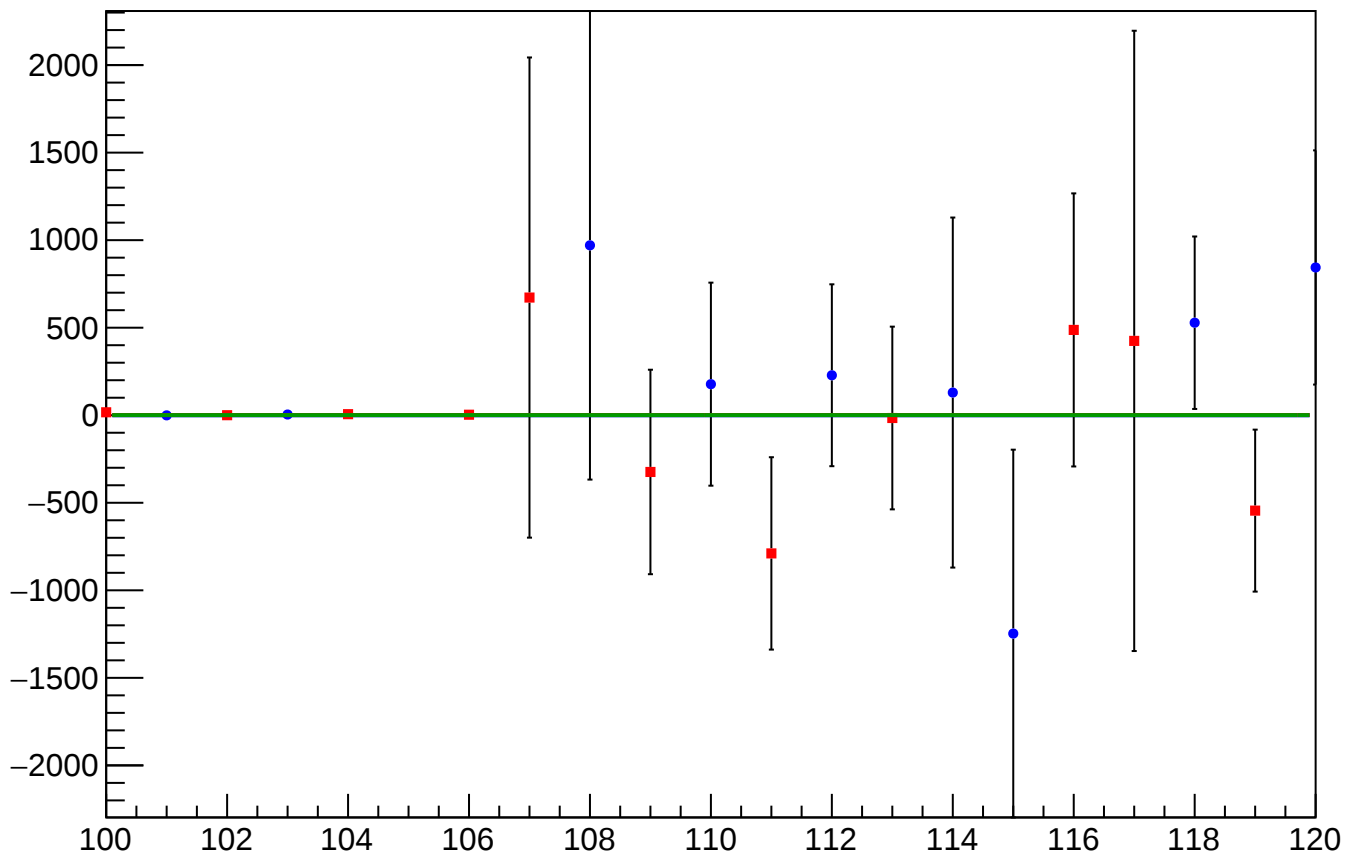
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

160.365+/-0.085 χ^2/NDF : 3080805.1/8

153.974+/-0.057 χ^2/NDF : 6683762.4/19

148.646+/-0.077 χ^2/NDF : 3592508.4/10

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.145+/-1.737 χ^2/NDF : 5.8/8

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

Right Out: 1.321+/-1.623 χ^2/NDF : 7.2/10

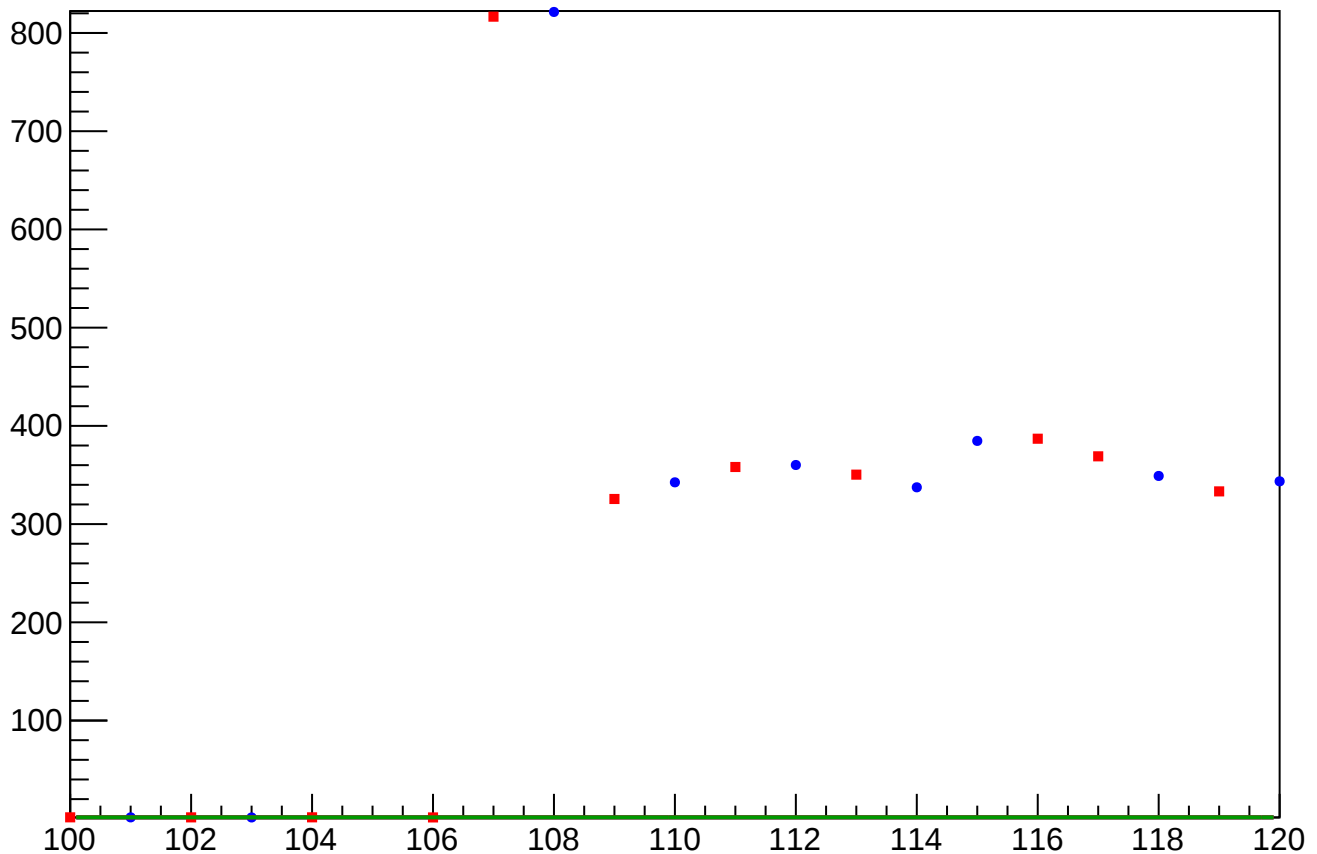
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.145+/-1.737 χ^2/NDF : 5.8/8

0.638+/-1.186 χ^2/NDF : 13.4/19

1.321+/-1.623 χ^2/NDF : 7.2/10

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.428+/-0.001 χ^2/NDF : 4409145.1/8

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

Right Out: 1.431+/-0.001 χ^2/NDF : 4665041.5/10

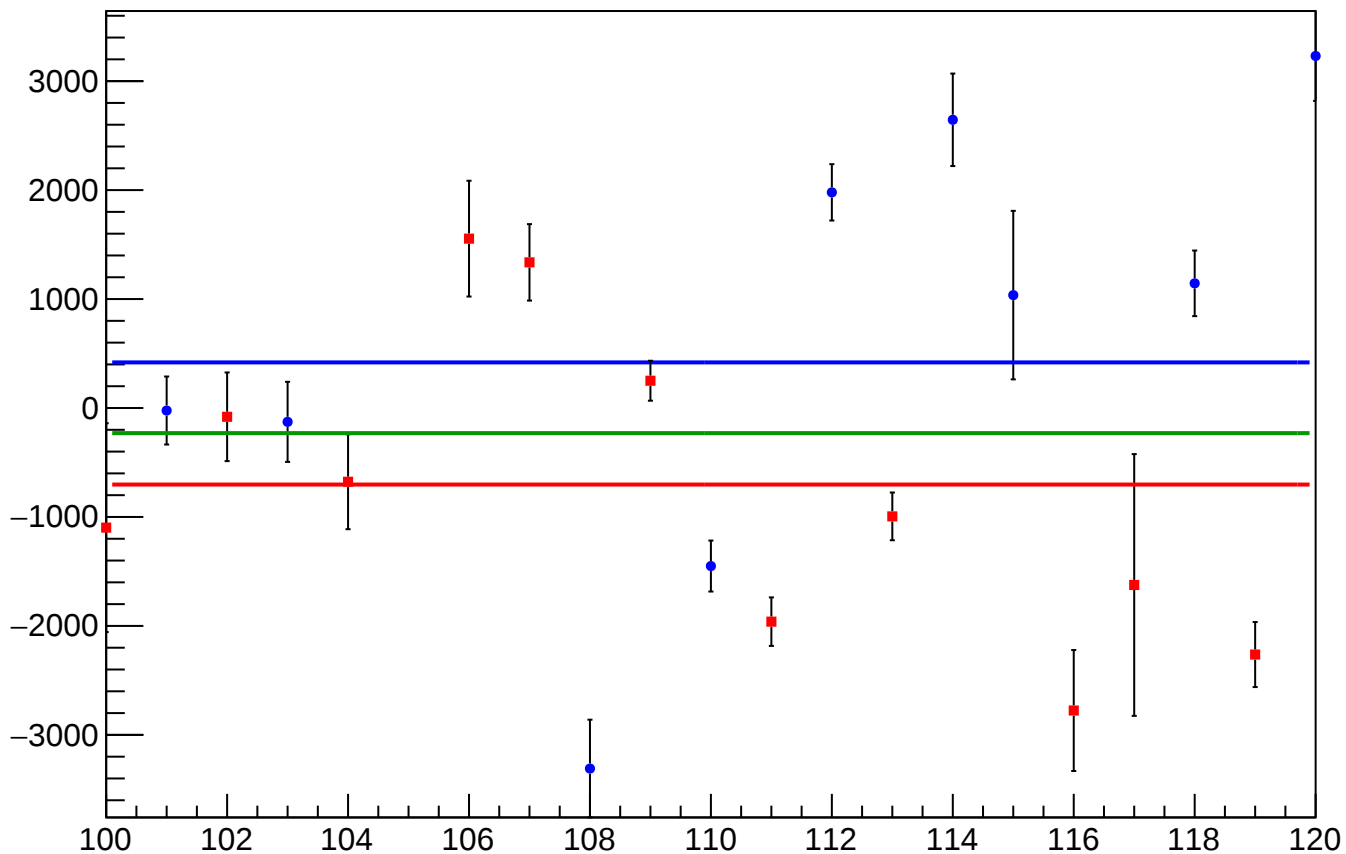
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.428+/-0.001 χ^2/NDF : 4409145.1/8

1.429+/-0.001 χ^2/NDF : 9074188.4/19

1.431+/-0.001 χ^2/NDF : 4665041.5/10

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 418.600+/-111.813 χ^2/NDF : 253.9/8

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

Right Out: -702.480+/-95.355 χ^2/NDF : 156.9/10

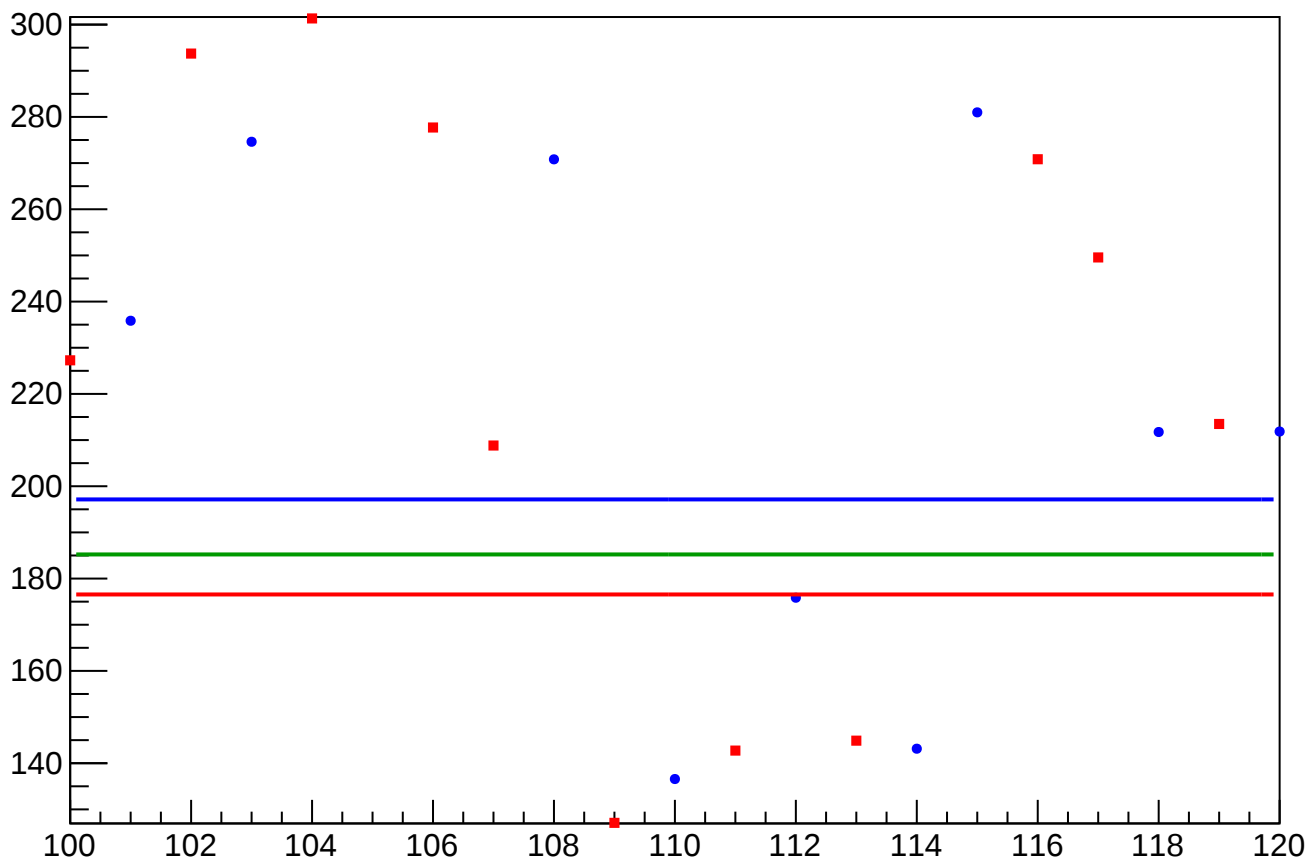
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

418.600+/-111.813 χ^2/NDF : 253.9/8

-230.442+/-72.554 χ^2/NDF : 469.1/19

-702.480+/-95.355 χ^2/NDF : 156.9/10

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 197.145+/-0.079 χ^2/NDF : 384280.0/8

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

Right Out: 176.557+/-0.067 χ^2/NDF : 754315.0/10

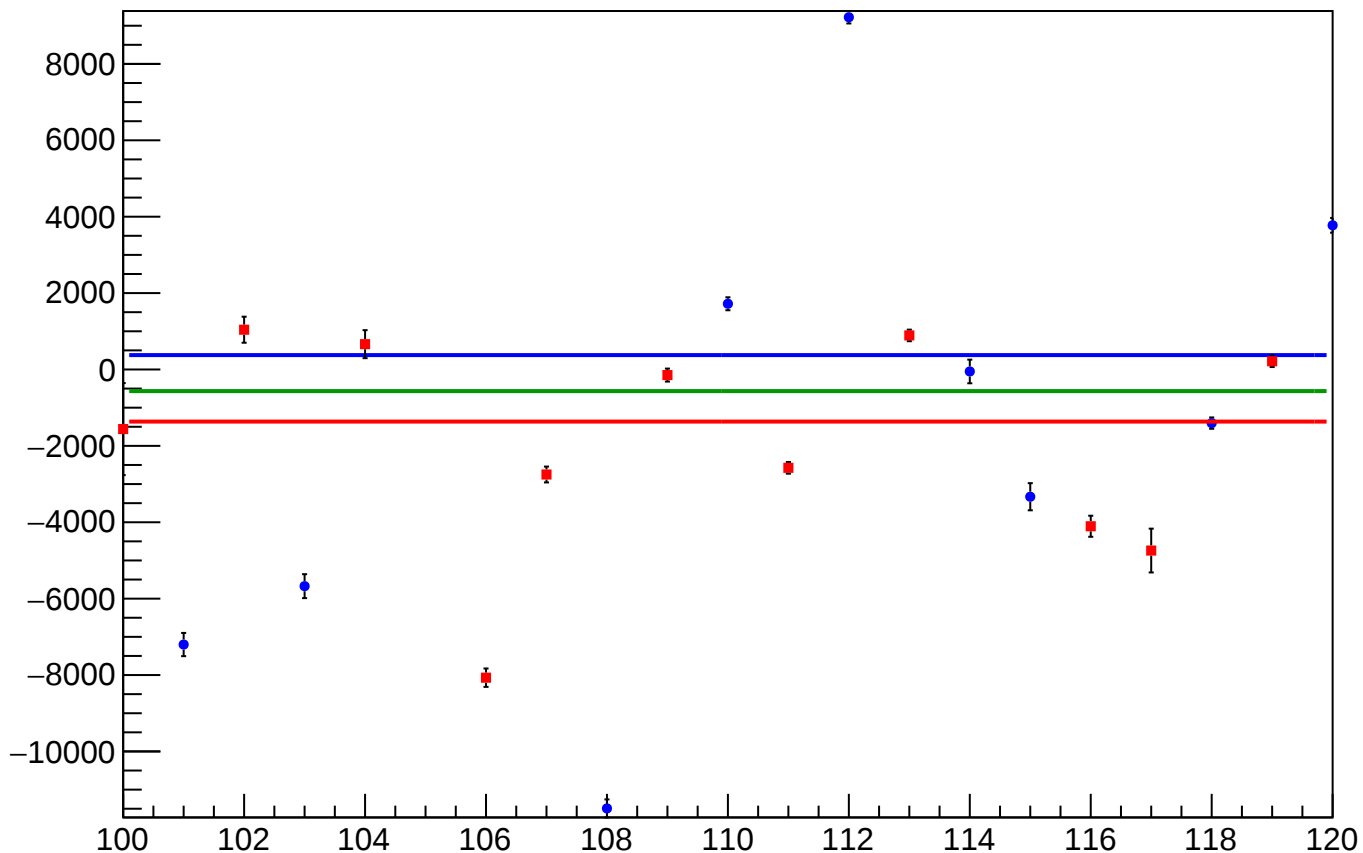
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

197.145+/-0.079 χ^2/NDF : 384280.0/8

185.226+/-0.051 χ^2/NDF : 1177852.9/19

176.557+/-0.067 χ^2/NDF : 754315.0/10

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 376.720+/-70.353 χ^2/NDF : 7094.2/8

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

Right Out: -1364.105+/-64.757 χ^2/NDF : 1479.7/10

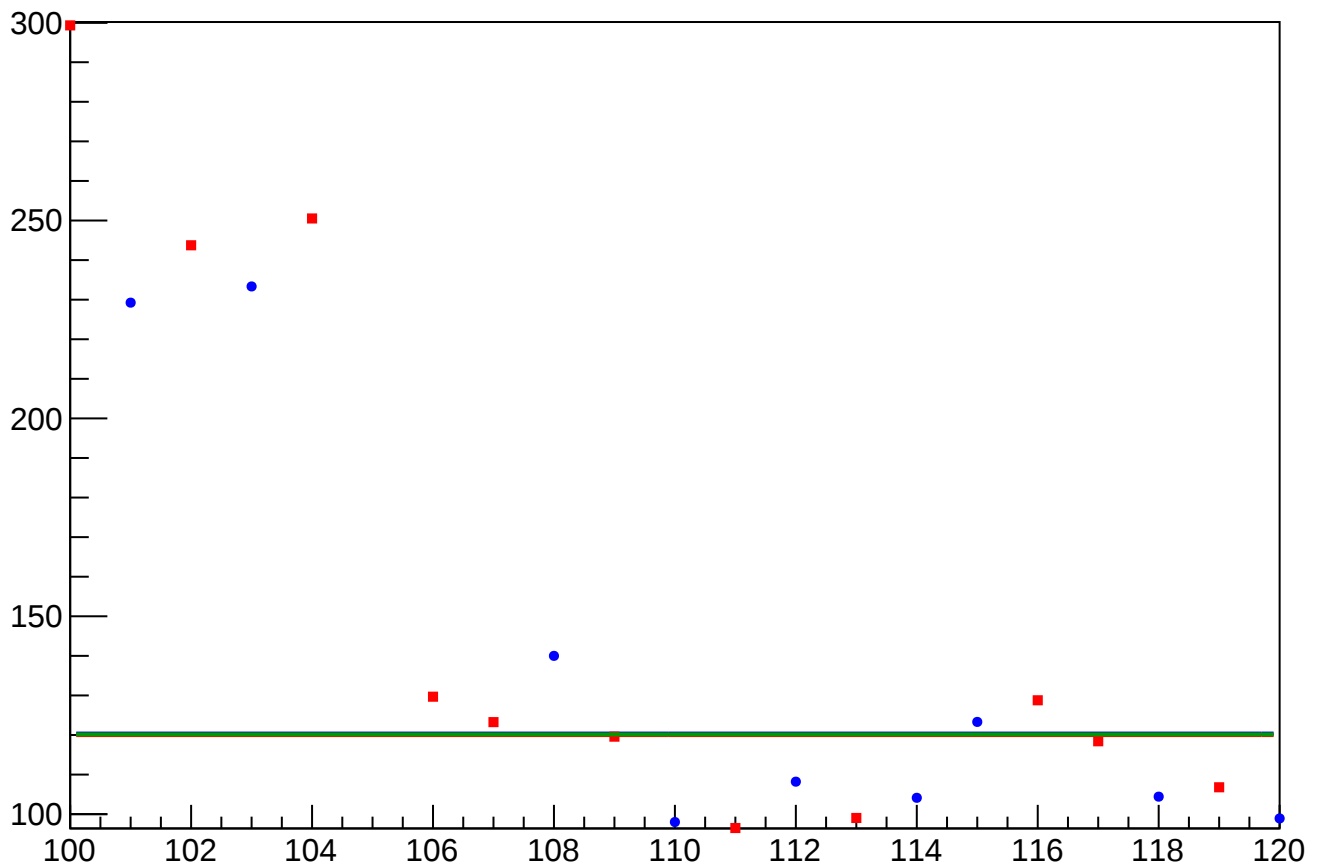
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

376.720+/-70.353 χ^2/NDF : 7094.2/8

-565.679+/-47.646 χ^2/NDF : 8905.4/19

-1364.105+/-64.757 χ^2/NDF : 1479.7/10

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 120.361+/-0.050 χ^2/NDF : 629615.8/8

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

Right Out: 119.979+/-0.046 χ^2/NDF : 668074.2/10

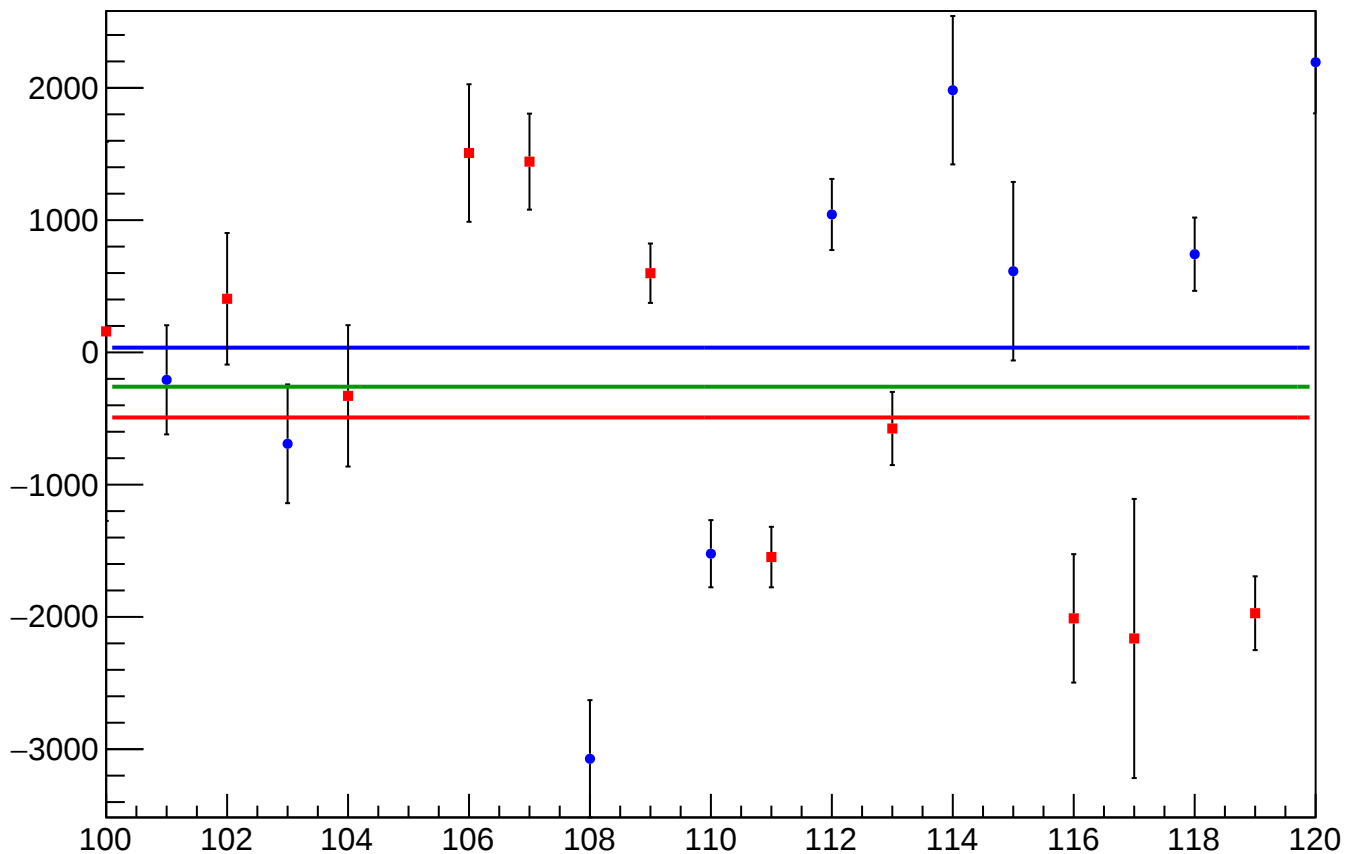
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

120.361+/-0.050 χ^2/NDF : 629615.8/8

120.154+/-0.034 χ^2/NDF : 1297721.9/19

119.979+/-0.046 χ^2/NDF : 668074.2/10

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 35.934+/-119.232 χ^2/NDF : 154.2/8

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

Right Out: -491.944+/-105.799 χ^2/NDF : 132.2/10

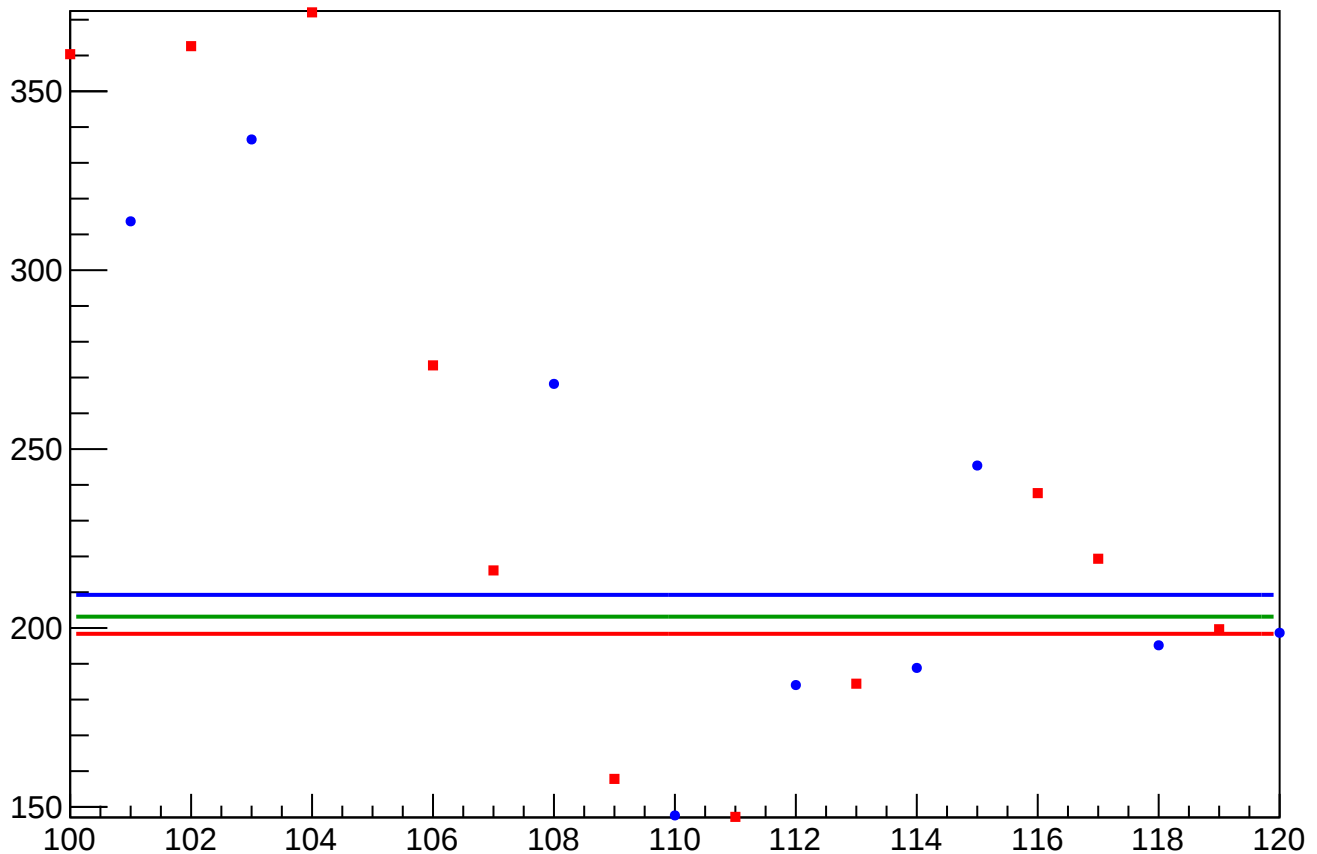
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.934+/-119.232 χ^2/NDF : 154.2/8

-259.404+/-79.136 χ^2/NDF : 297.3/19

-491.944+/-105.799 χ^2/NDF : 132.2/10

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 209.262+/-0.084 χ^2/NDF : 474610.7/8

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

Right Out: 198.377+/-0.075 χ^2/NDF : 685515.5/10

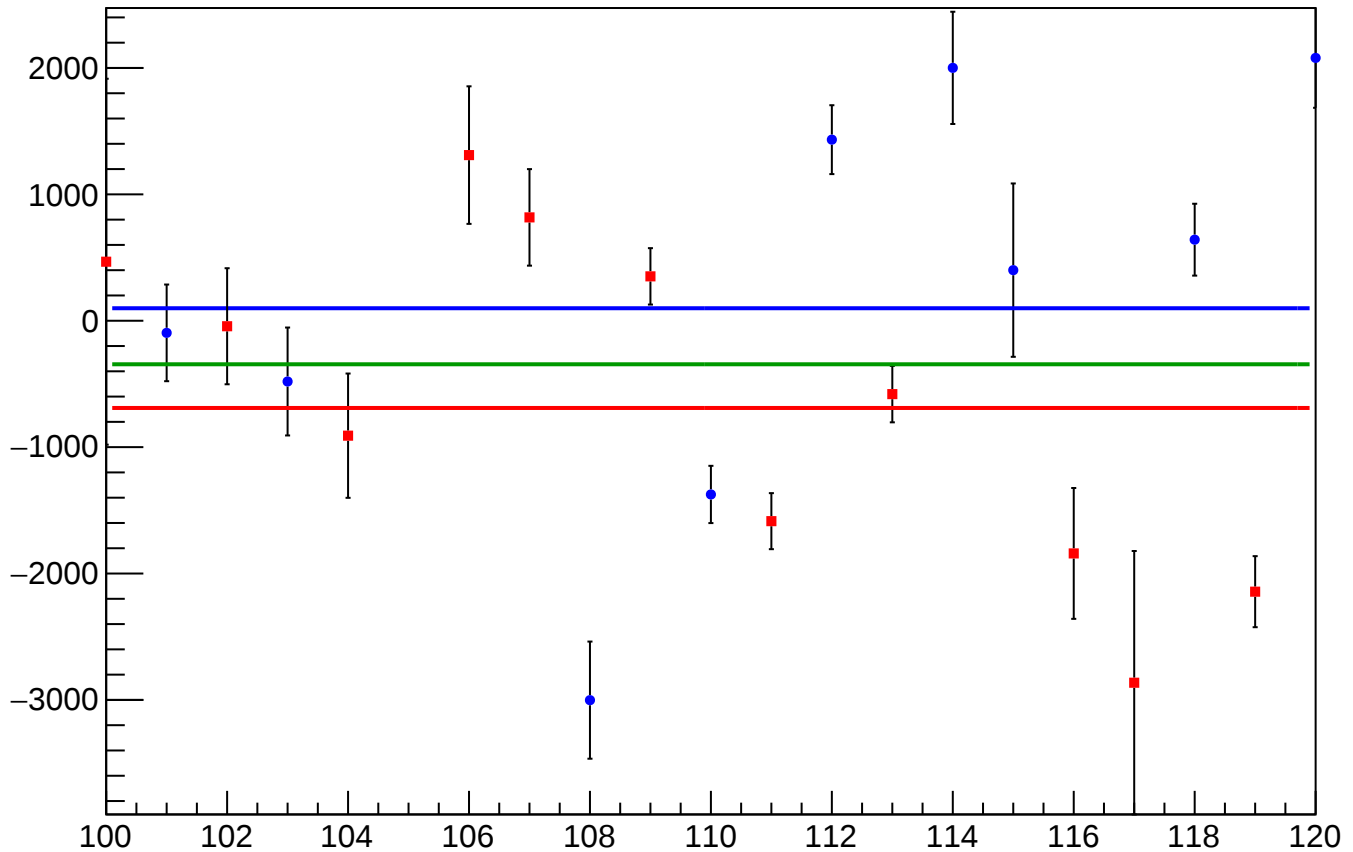
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

209.262+/-0.084 χ^2/NDF : 474610.7/8

203.172+/-0.056 χ^2/NDF : 1169452.5/19

198.377+/-0.075 χ^2/NDF : 685515.5/10

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 98.959+/-114.754 χ^2/NDF : 160.5/8

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

Right Out: -690.077+/-101.328 χ^2/NDF : 106.3/10

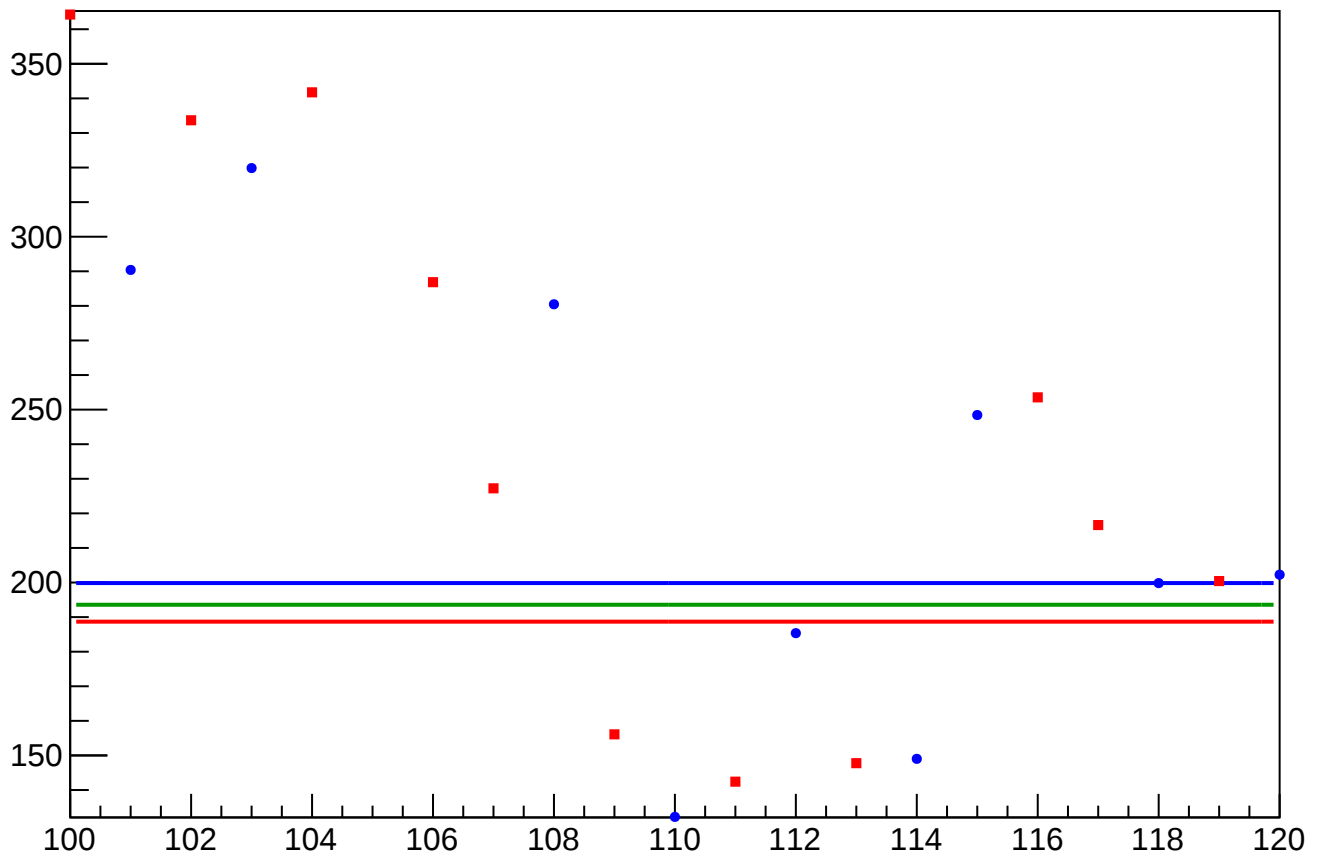
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.959+/-114.754 χ^2/NDF : 160.5/8

-344.399+/-75.955 χ^2/NDF : 293.4/19

-690.077+/-101.328 χ^2/NDF : 106.3/10

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 199.846+/-0.081 χ^2/NDF : 550951.6/8

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

Right Out: 188.686+/-0.072 χ^2/NDF : 741451.1/10

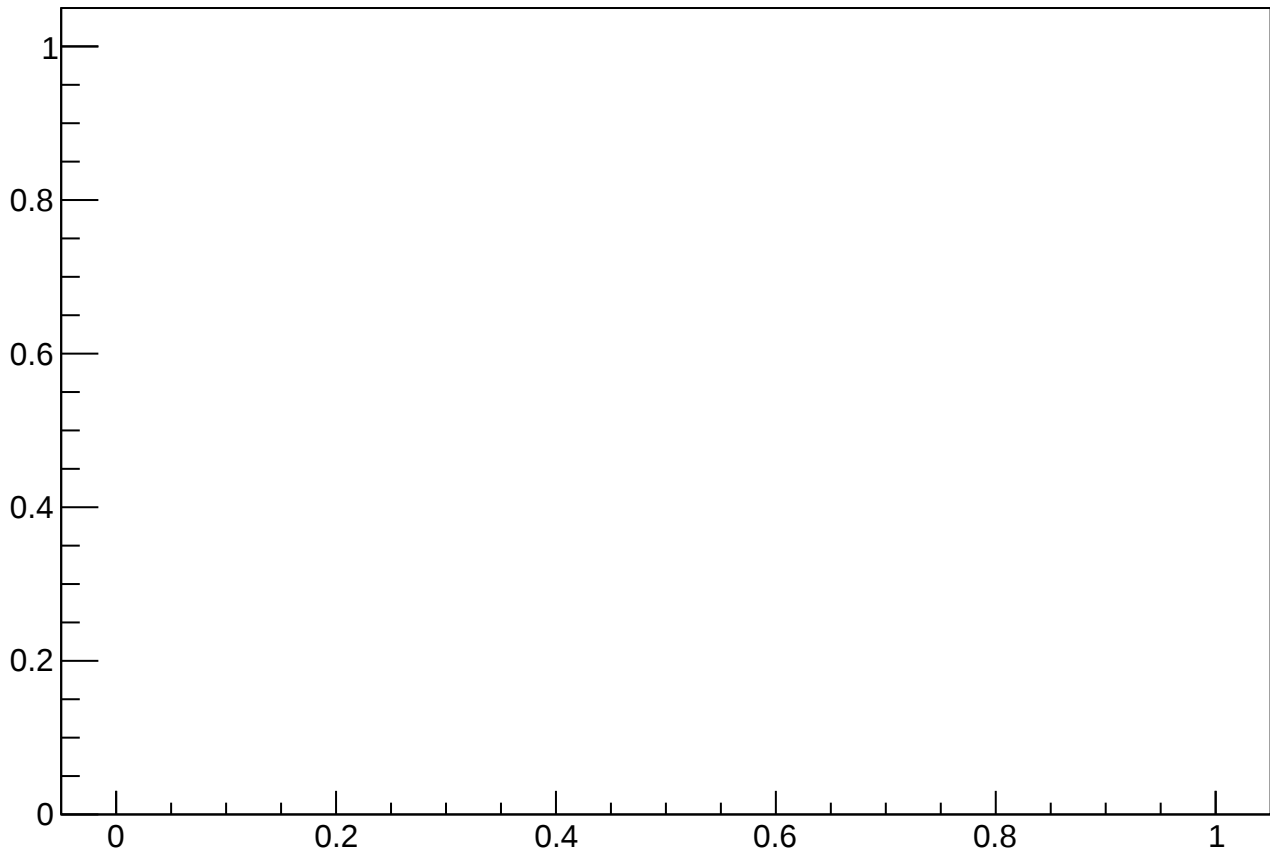
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

199.846+/-0.081 χ^2/NDF : 550951.6/8

193.575+/-0.054 χ^2/NDF : 1303031.9/19

188.686+/-0.072 χ^2/NDF : 741451.1/10

bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

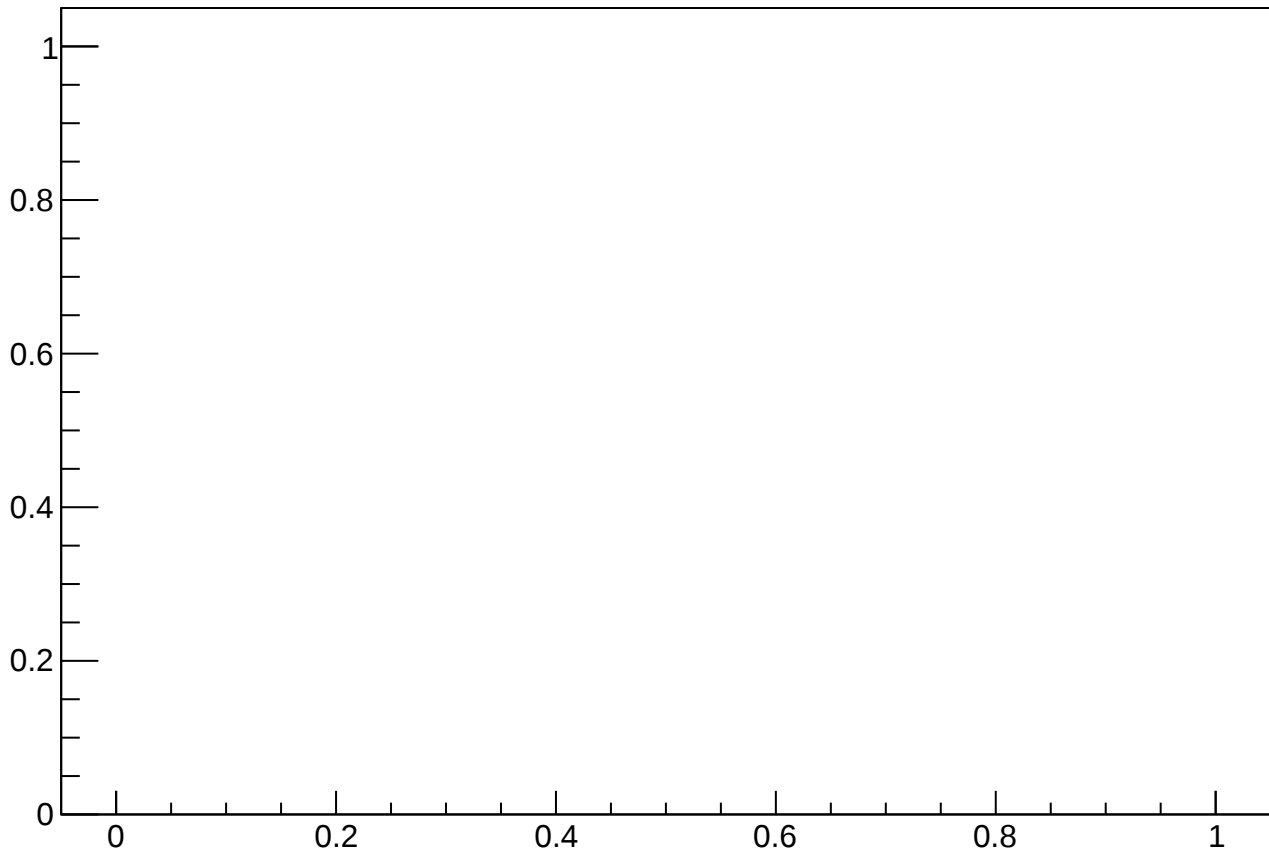
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

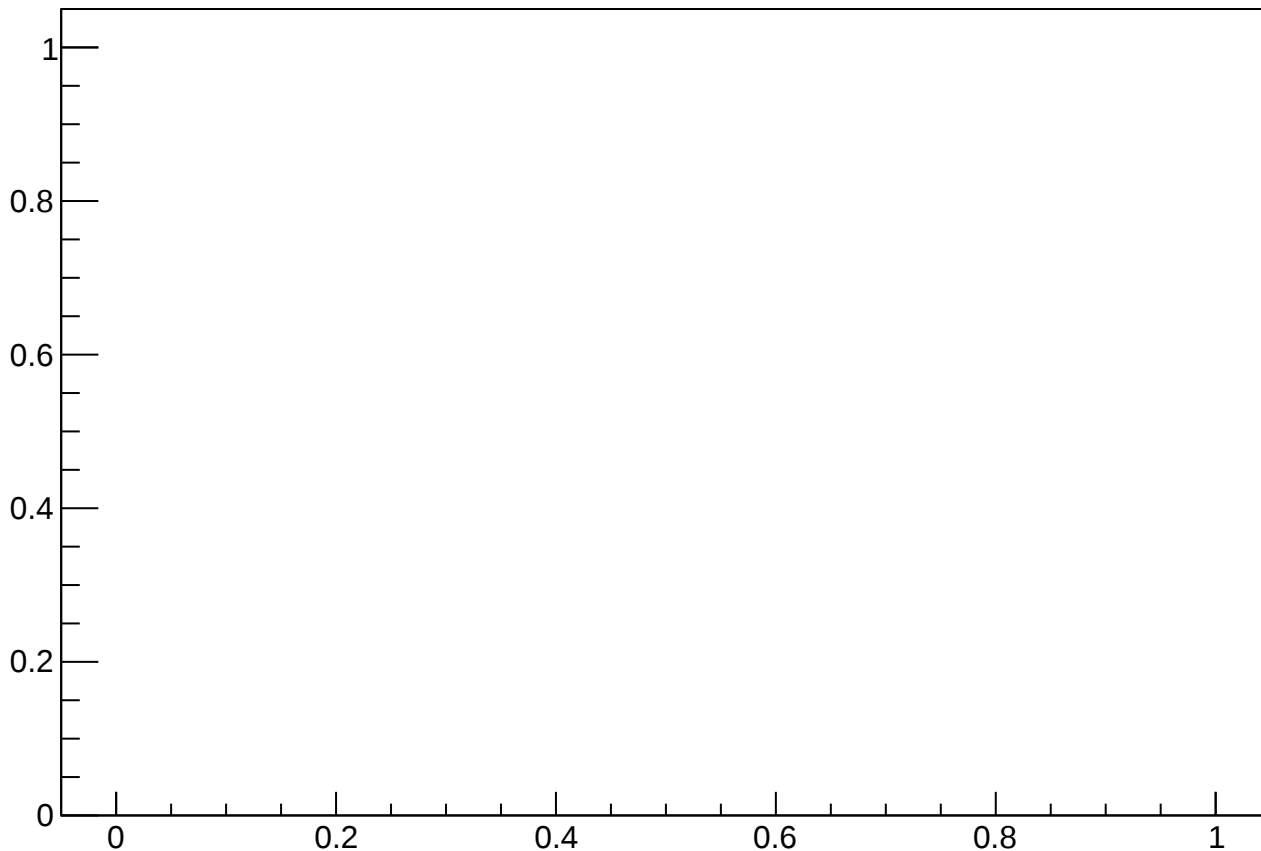
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

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

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

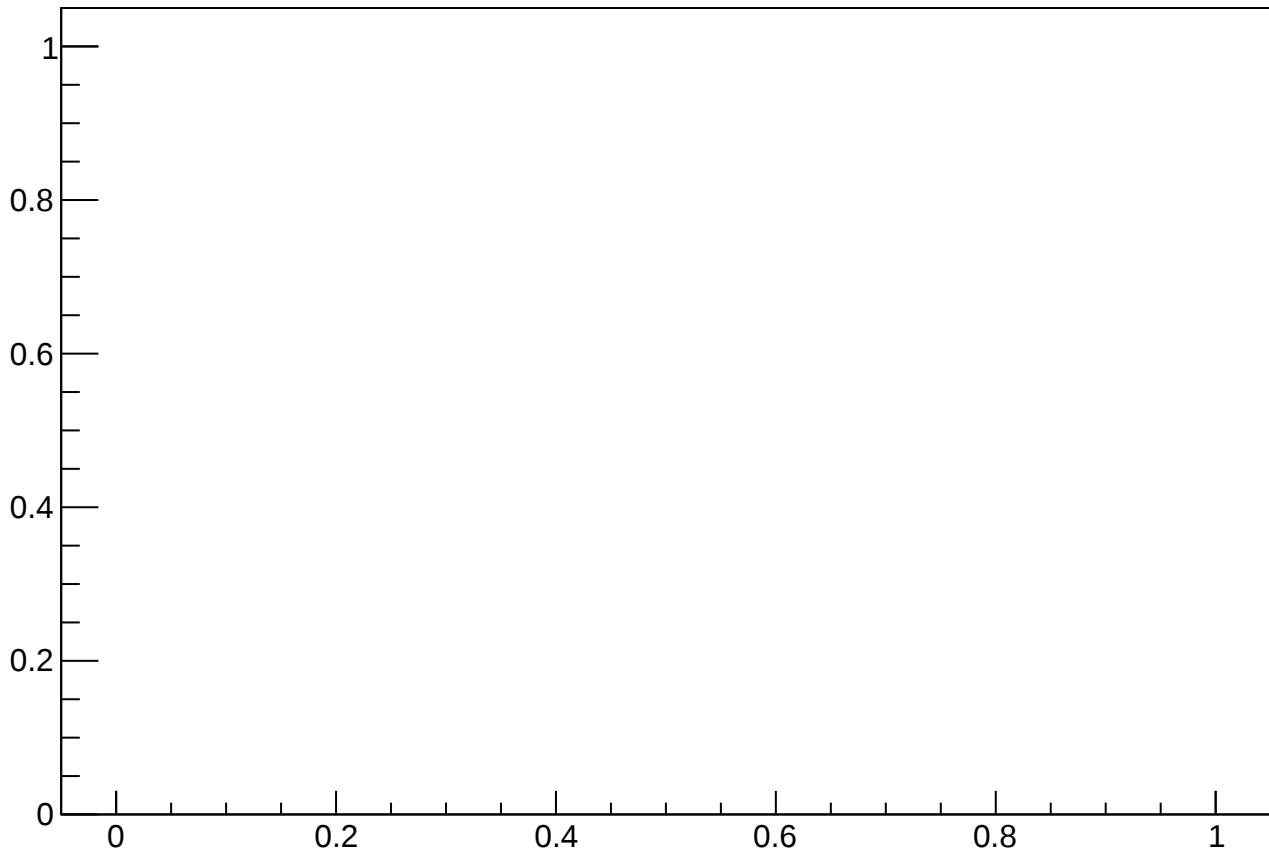
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



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

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

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

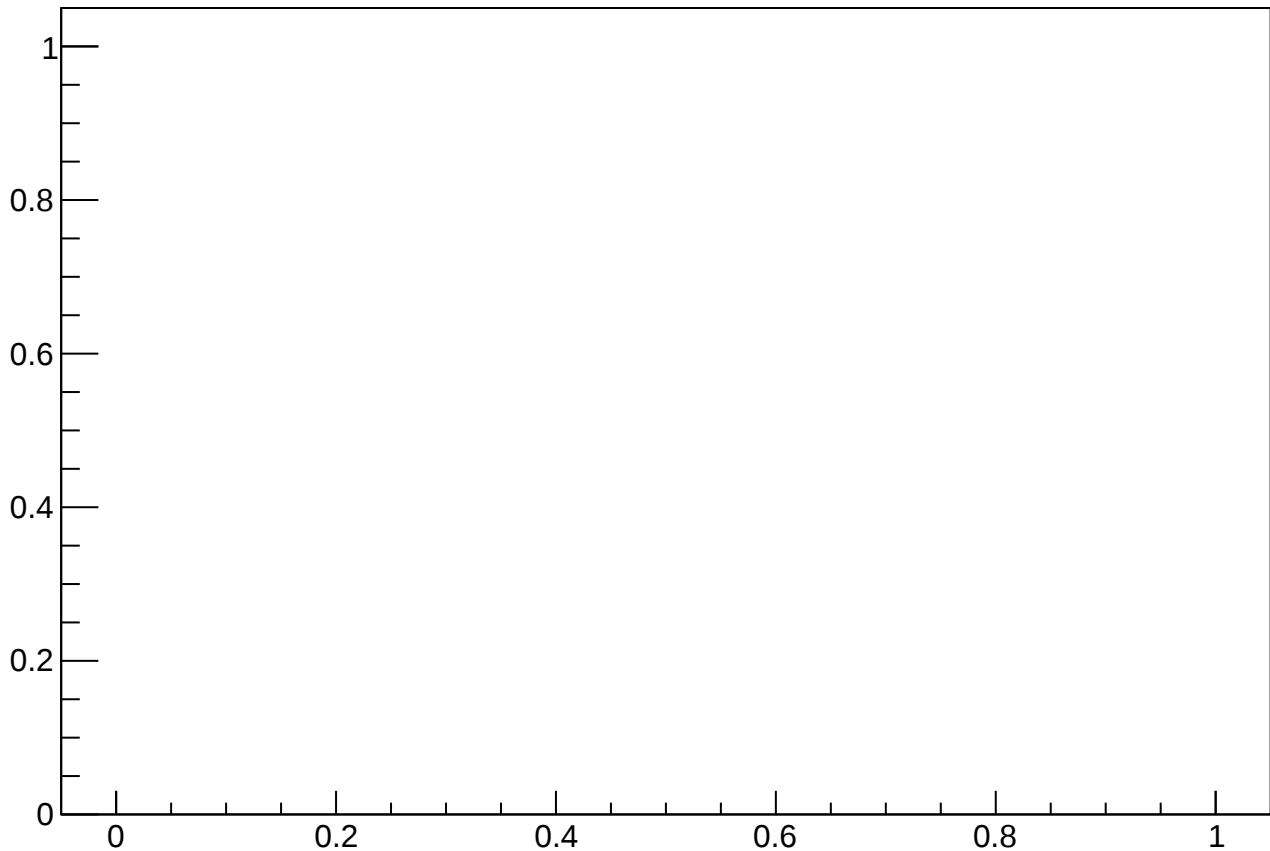
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

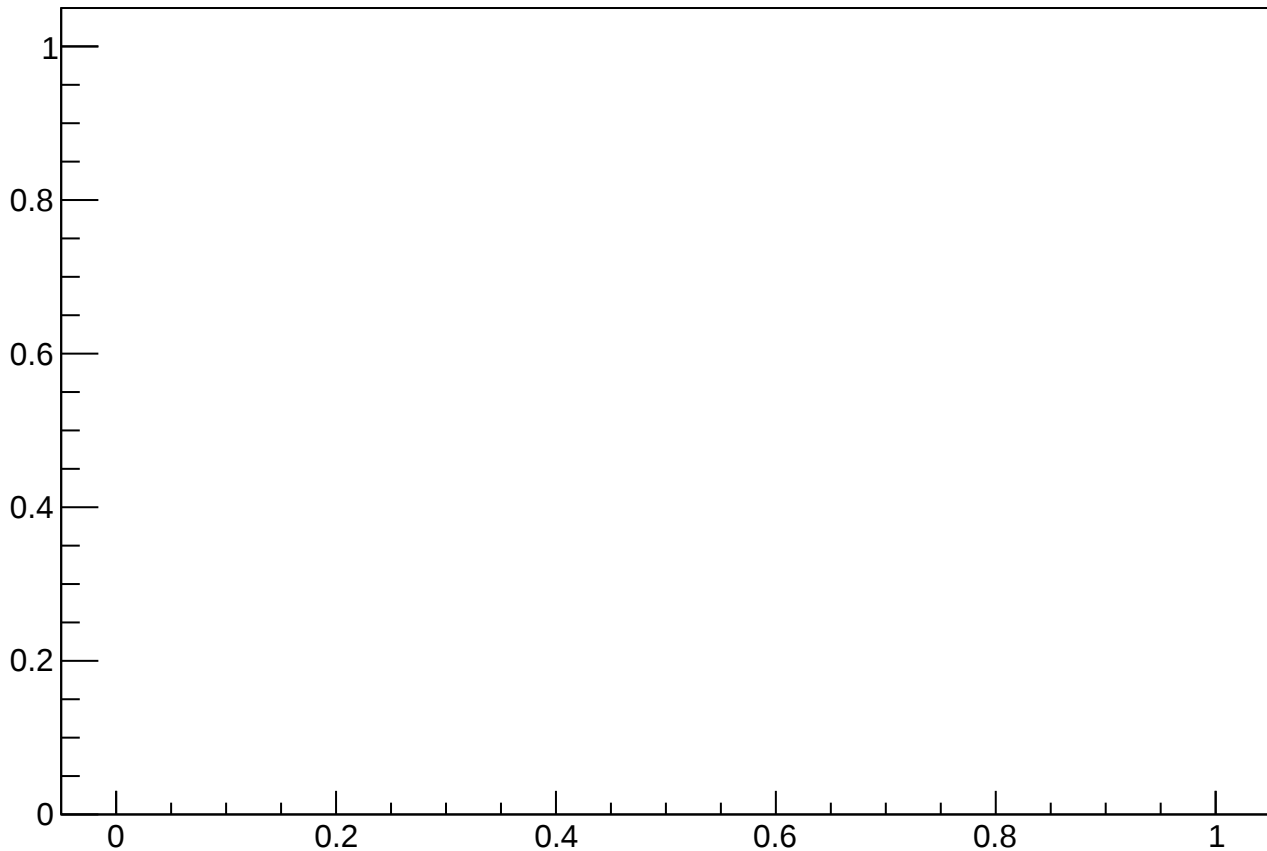
bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

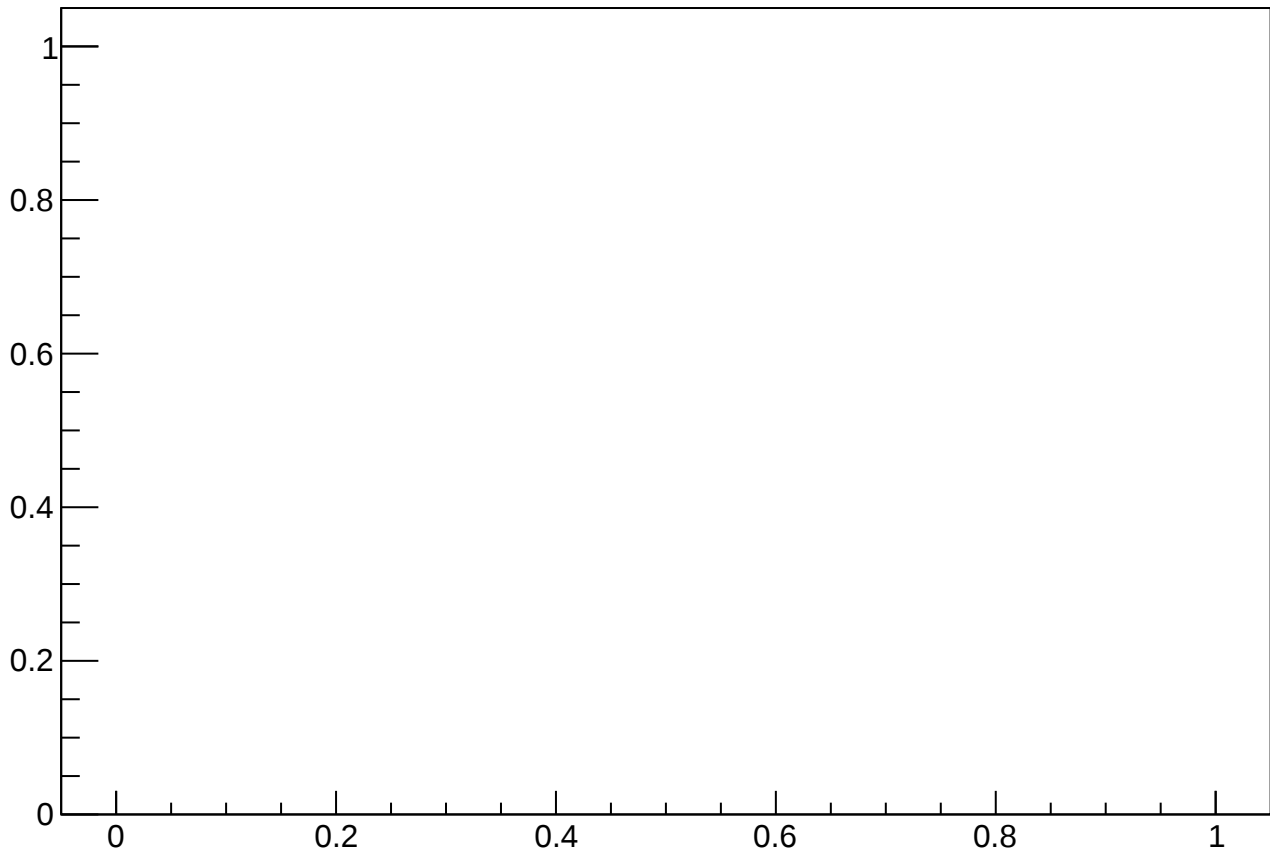
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

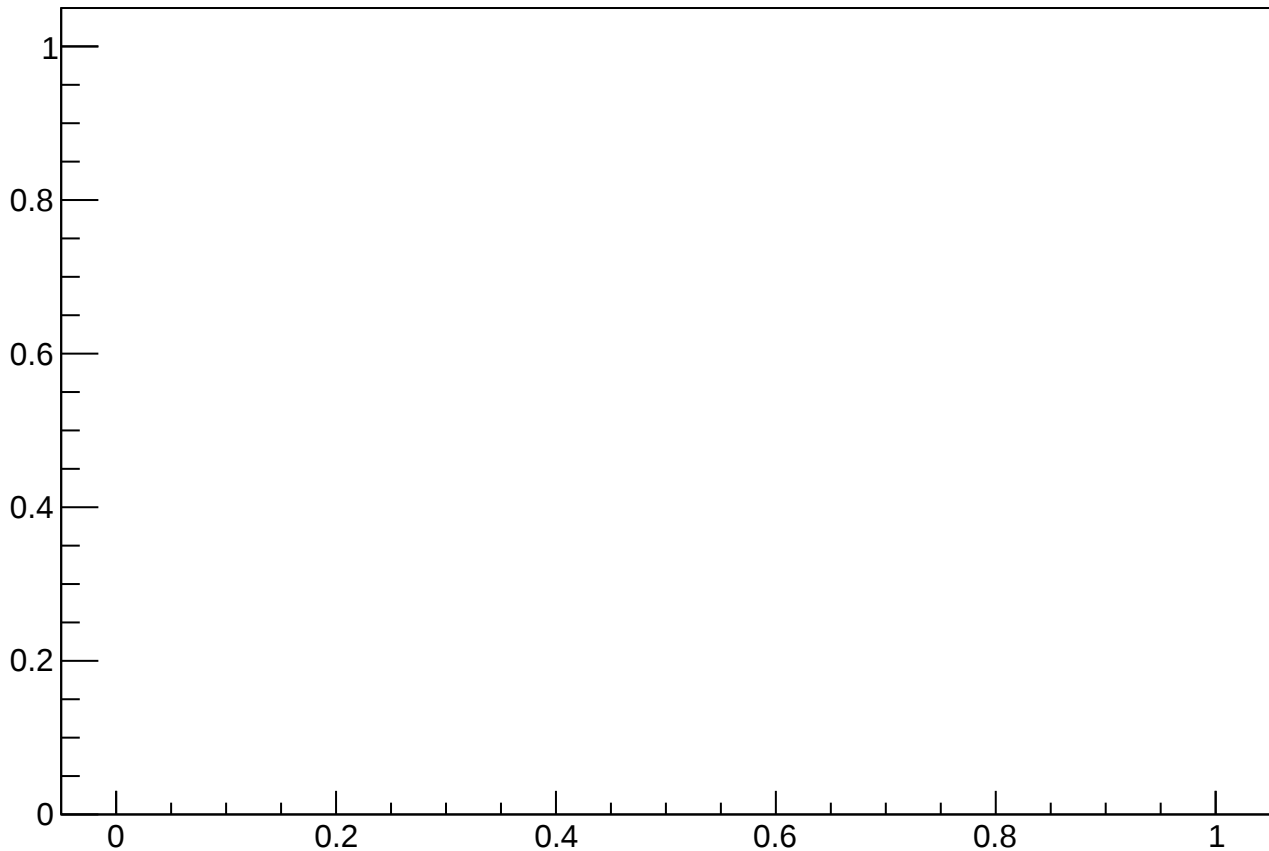
bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

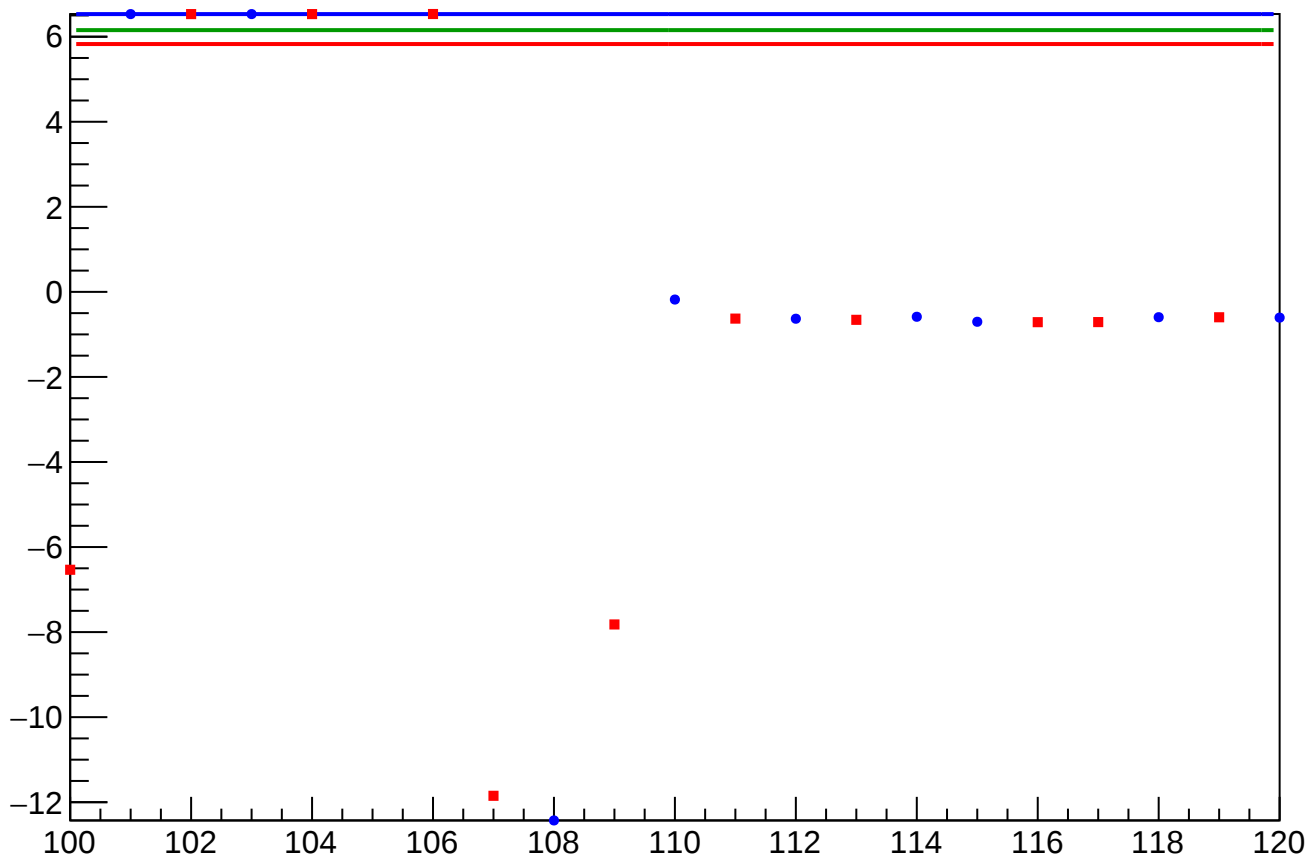
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 47607101115.2/8

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

Right Out: 5.828+/-0.000 χ^2/NDF : 755906513607766.2/10

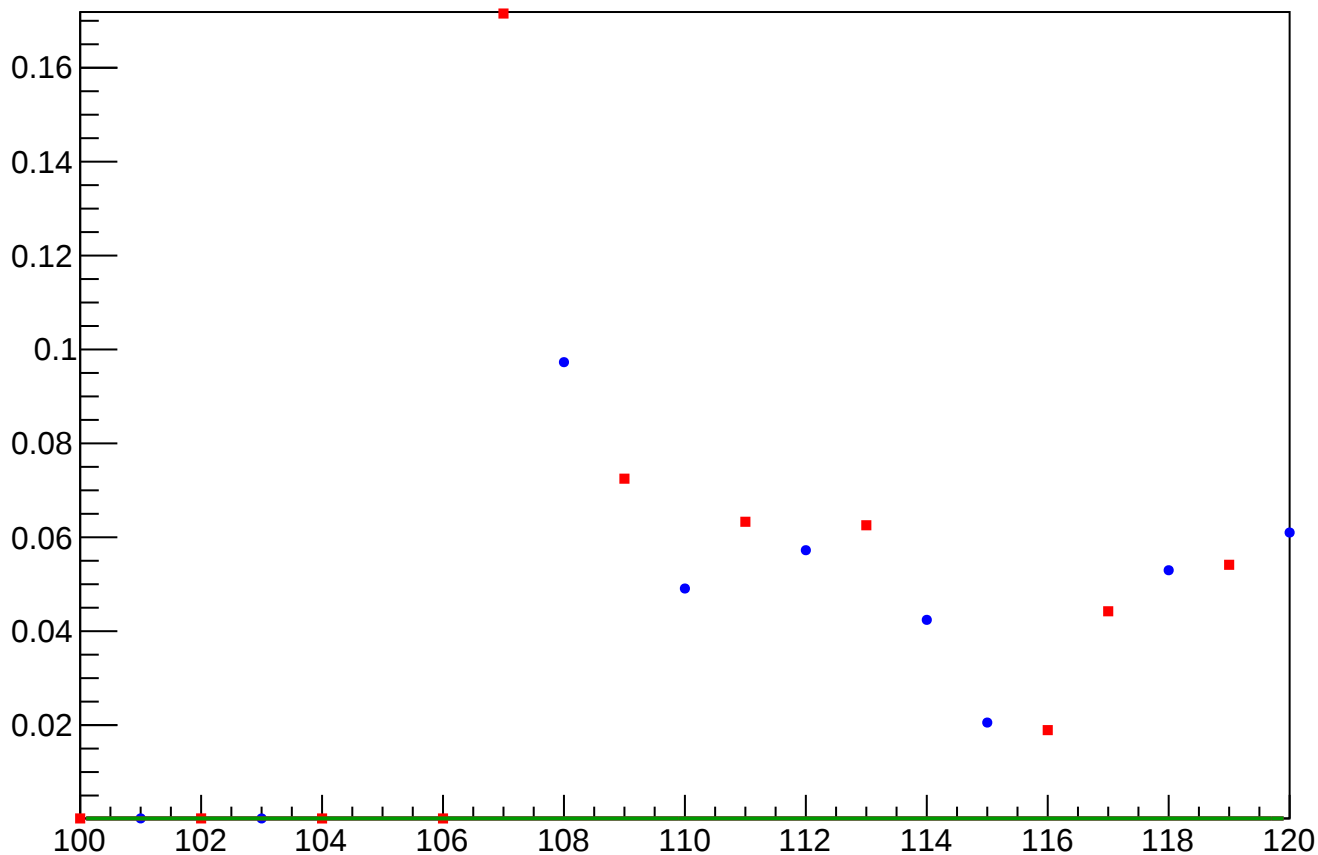
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 47607101115.2/8

6.155+/-0.000 χ^2/NDF : 77596050634414

5.828+/-0.000 χ^2/NDF : 755906513607766.2/10

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3666209.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4115998.6/10

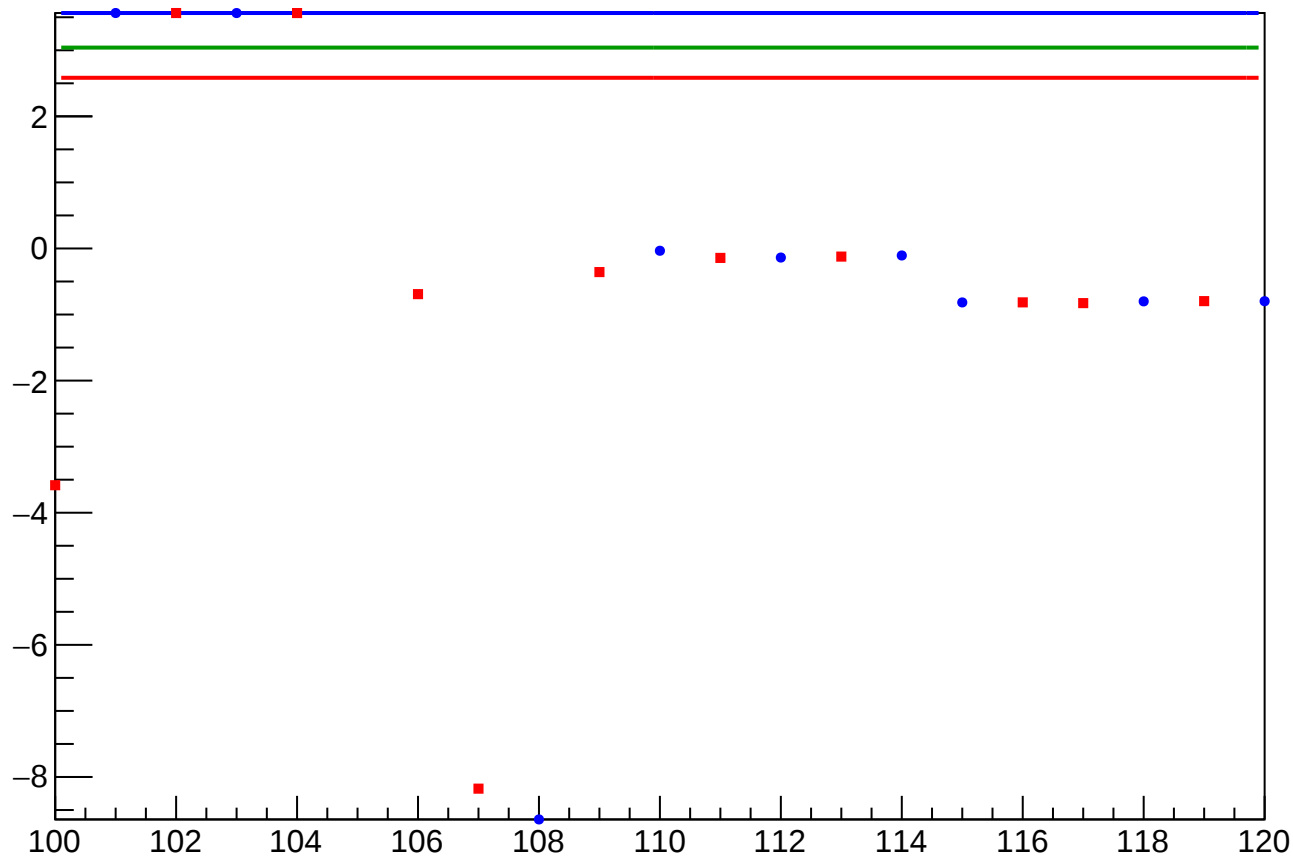
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3666209.4/8

0.000+/-0.000 χ^2/NDF : 7782410.0/19

0.000+/-0.000 χ^2/NDF : 4115998.6/10

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 77953934184.0/8

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

Right Out: 2.584+/-0.000 χ^2/NDF : 1253277970966905.0/10

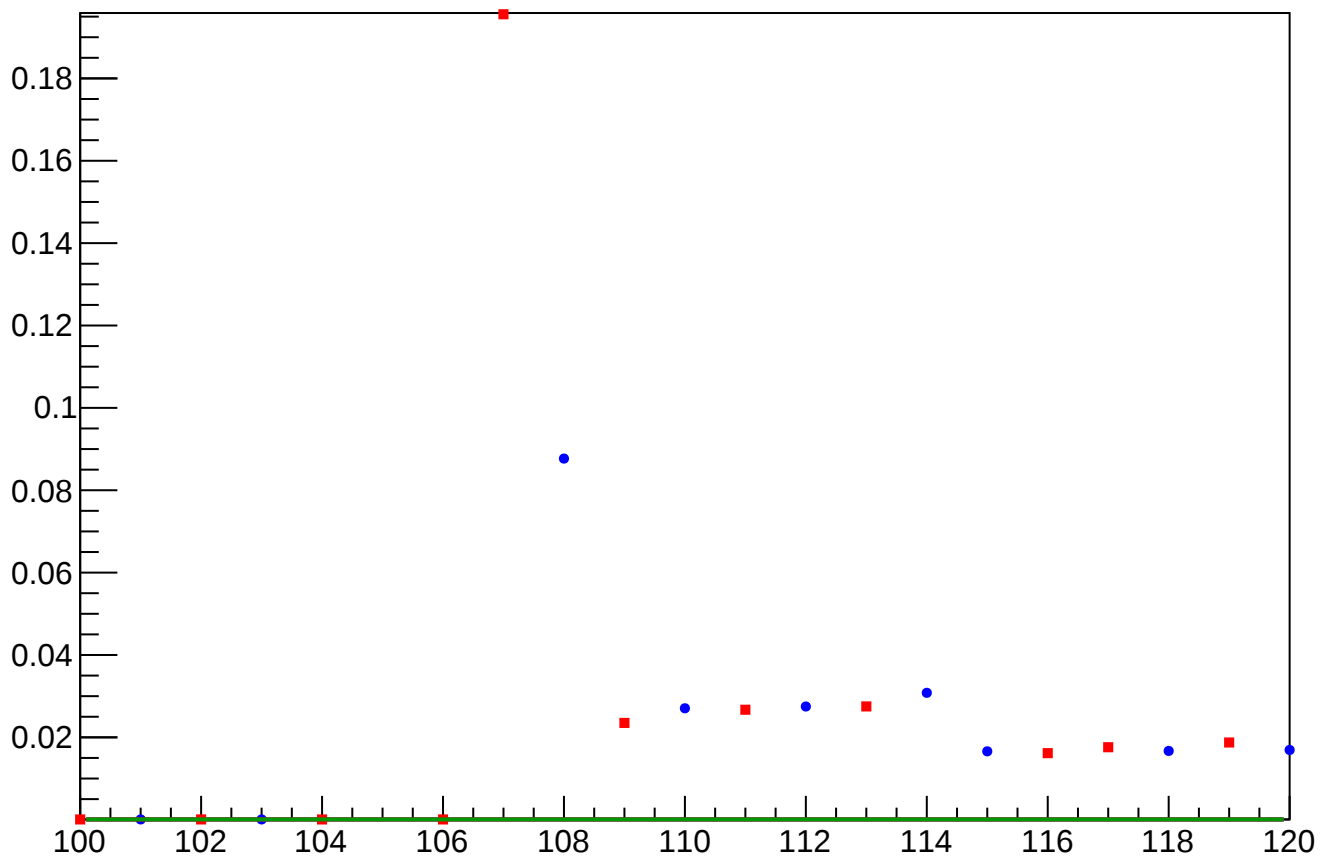
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 77953934184.0/8

3.041+/-0.000 χ^2/NDF : 13816532737213

2.584+/-0.000 χ^2/NDF : 1253277970966905.0/10

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3971359.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4205391.8/10

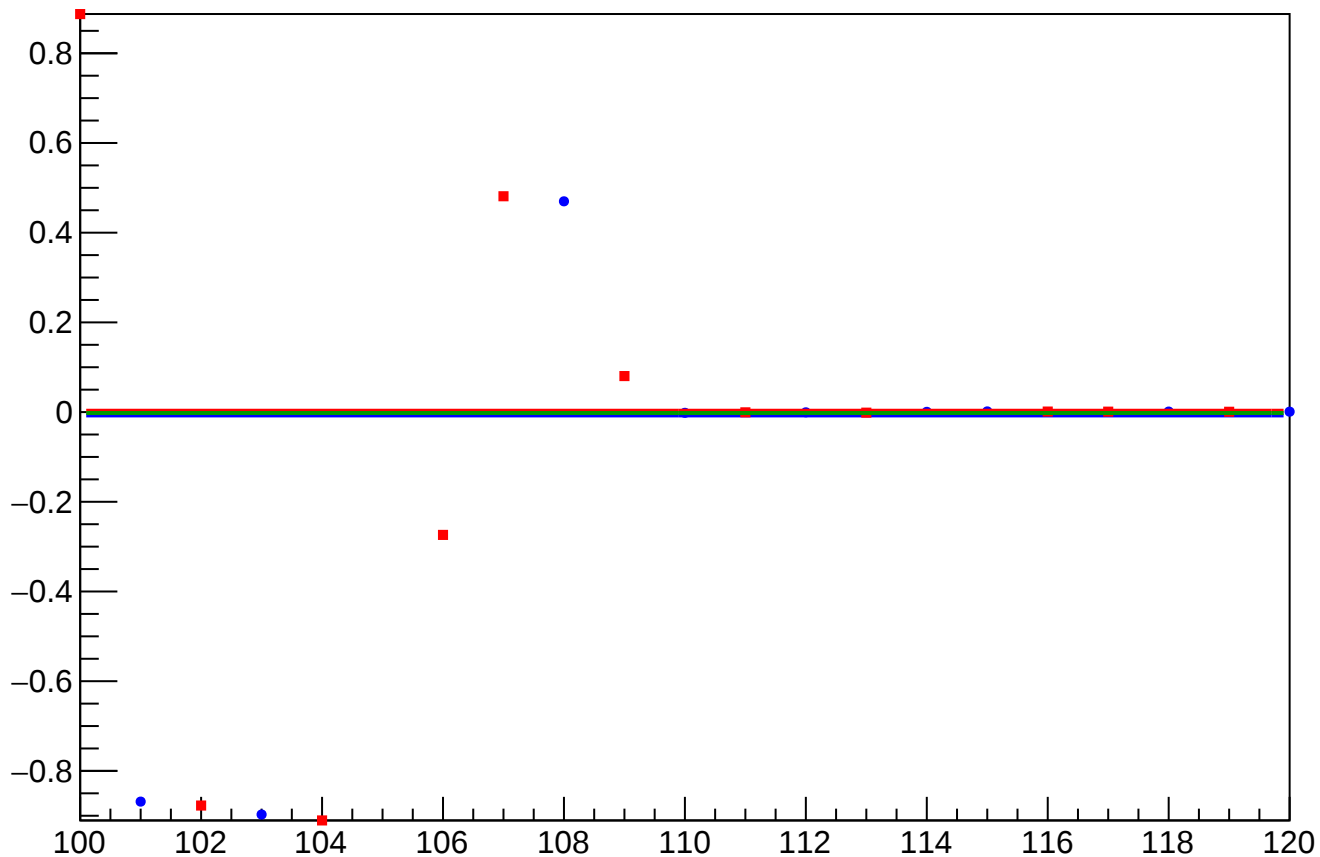
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 3971359.9/8

0.000+/-0.000 χ^2/NDF : 8176941.7/19

0.000+/-0.000 χ^2/NDF : 4205391.8/10

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.000 χ^2/NDF : 9771611861.4/8

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

Right Out: 0.003+/-0.000 χ^2/NDF : 3037927123.0/10

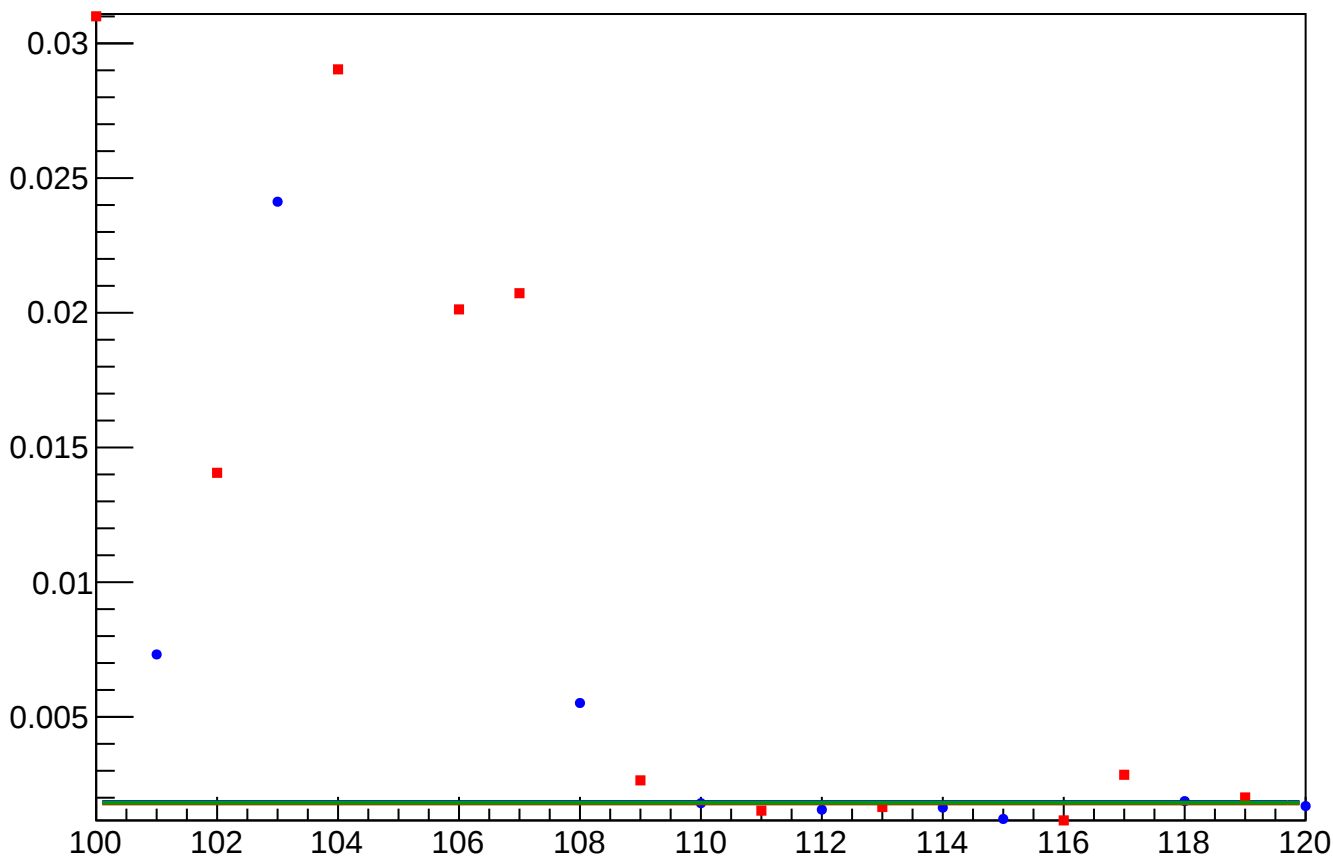
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.007+/-0.000 χ^2/NDF : 9771611861.4/8

-0.002+/-0.000 χ^2/NDF : 12841772582.2/10

0.003+/-0.000 χ^2/NDF : 3037927123.0/10

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1696556.4/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2849708.9/10

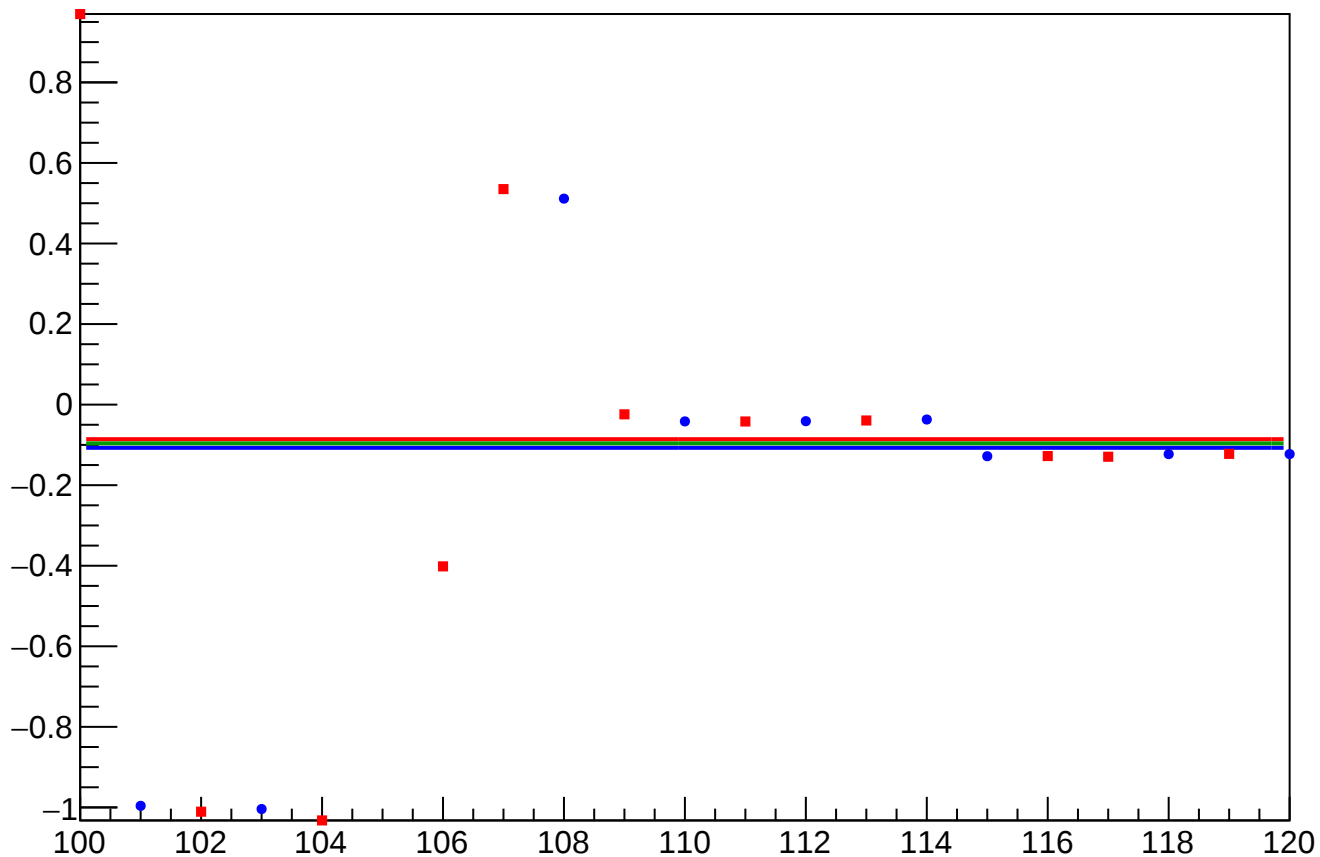
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1696556.4/8

0.002+/-0.000 χ^2/NDF : 4547653.5/19

0.002+/-0.000 χ^2/NDF : 2849708.9/10

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.107+/-0.000 χ^2/NDF : 3846118561.1/8

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

Right Out: -0.086+/-0.000 χ^2/NDF : 1994372829.6/10

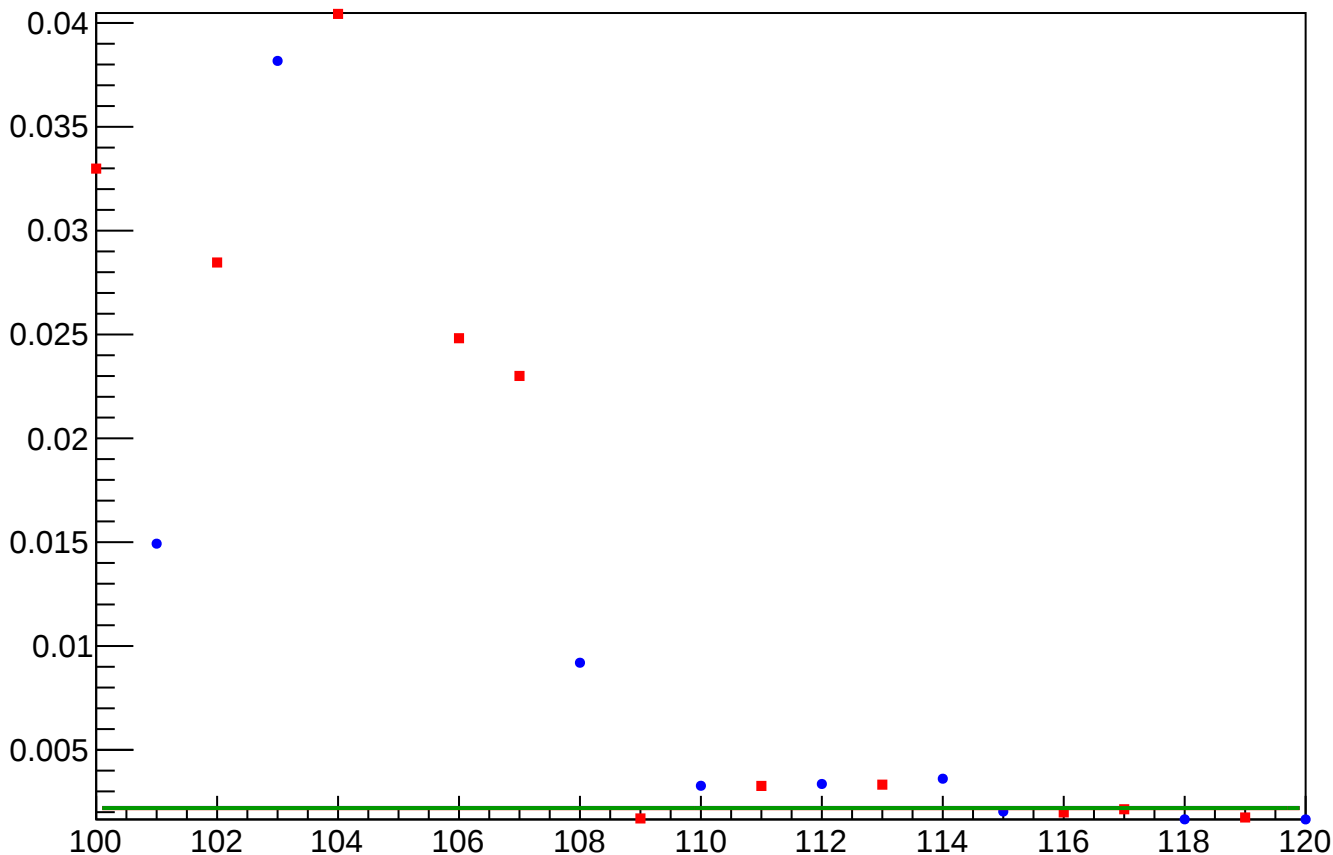
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.107+/-0.000 χ^2/NDF : 3846118561.1/8

-0.096+/-0.000 χ^2/NDF : 5932148289.0/19

-0.086+/-0.000 χ^2/NDF : 1994372829.6/10

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2426152.5/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3020223.6/10

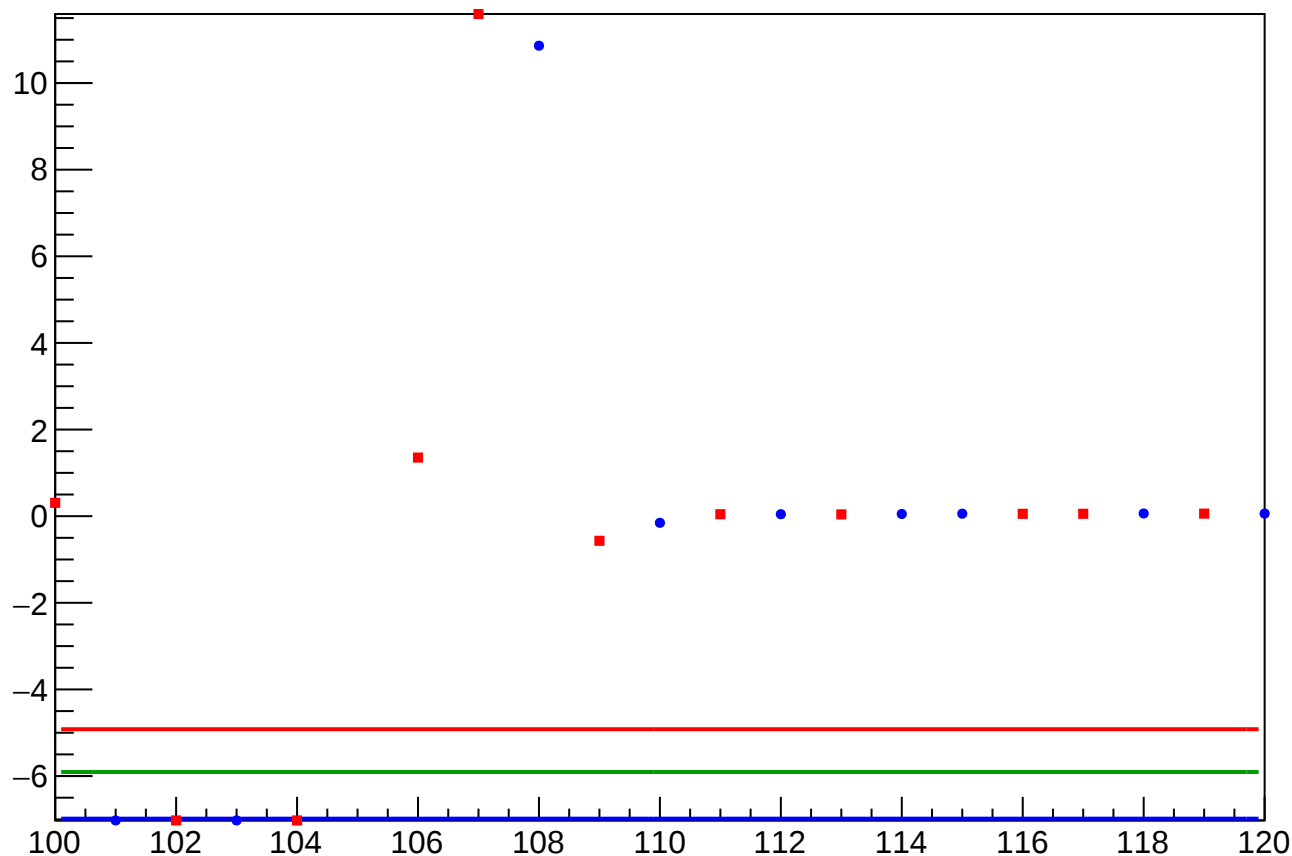
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2426152.5/8

0.002+/-0.000 χ^2/NDF : 5446429.8/19

0.002+/-0.000 χ^2/NDF : 3020223.6/10

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.984+/-0.000 χ^2/NDF : 7094621406876.5/8

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

Right Out: -4.919+/-0.000 χ^2/NDF : 364651133757255.6/10

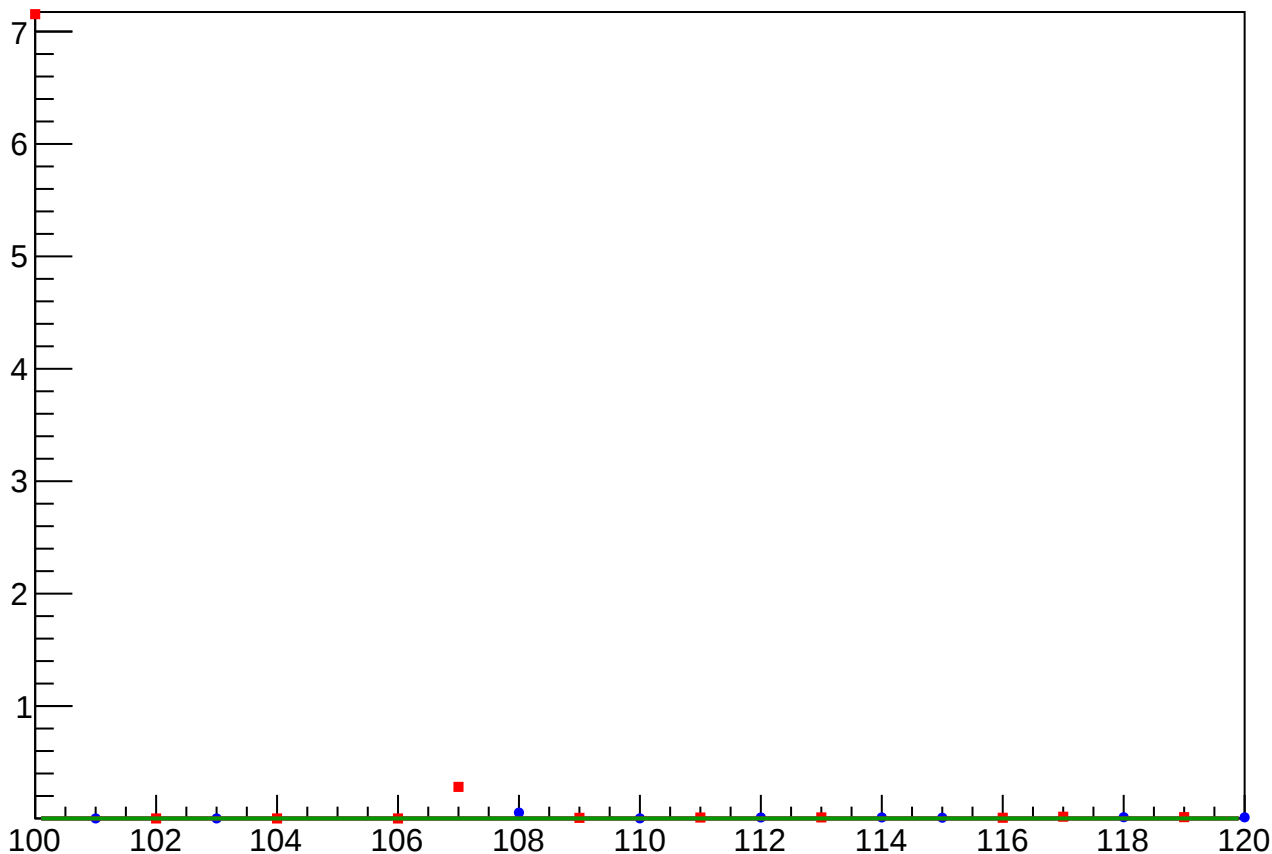
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.984+/-0.000 χ^2/NDF : 7094621406876.5/8

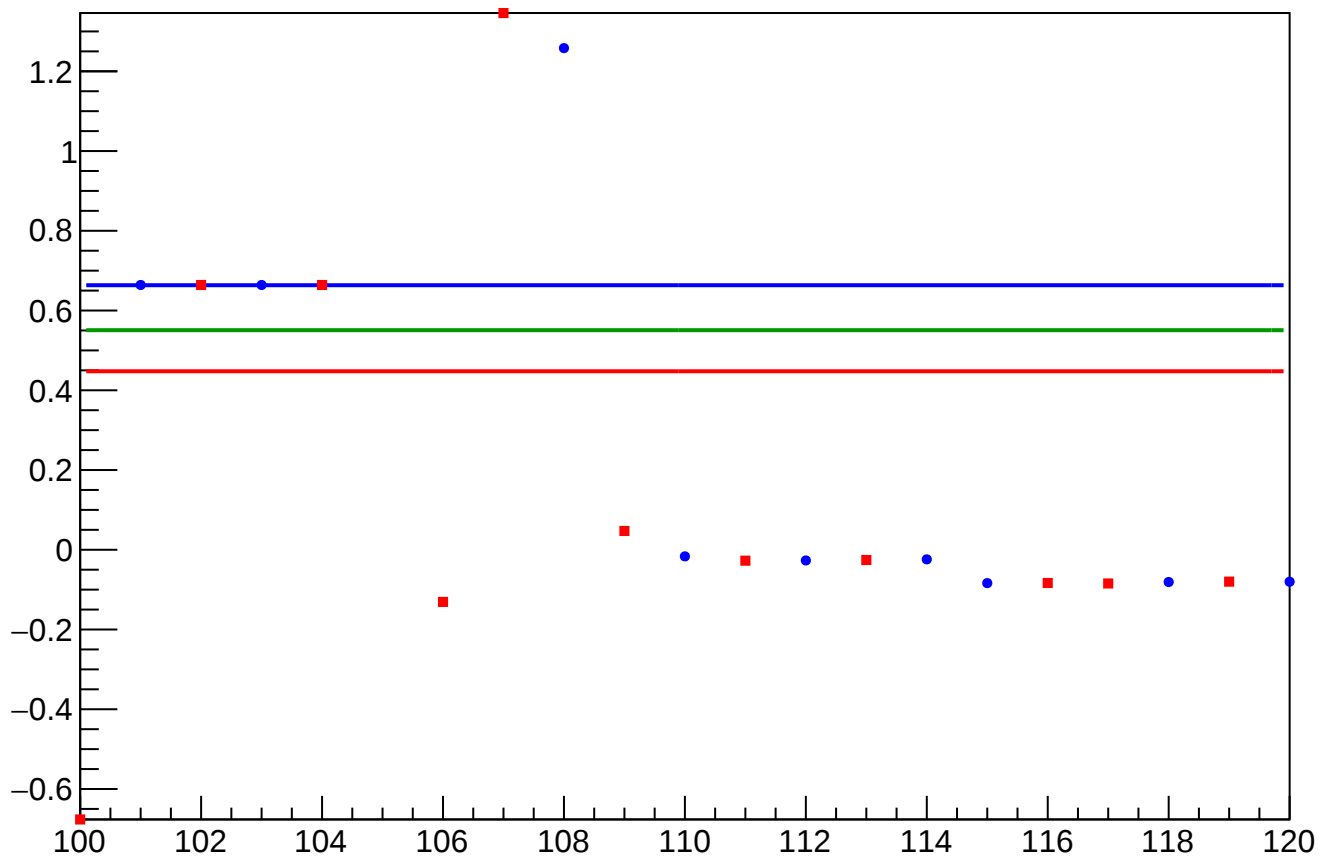
-5.907+/-0.000 χ^2/NDF : 4281053002831.5/8

-4.919+/-0.000 χ^2/NDF : 364651133757255.6/10

yield_cav4dX_rms vs Slug, Sign Corrected



yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000 χ^2/NDF : 1093190318053.7/8

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

Right Out: 0.448+/-0.000 χ^2/NDF : 403282314193973.2/10

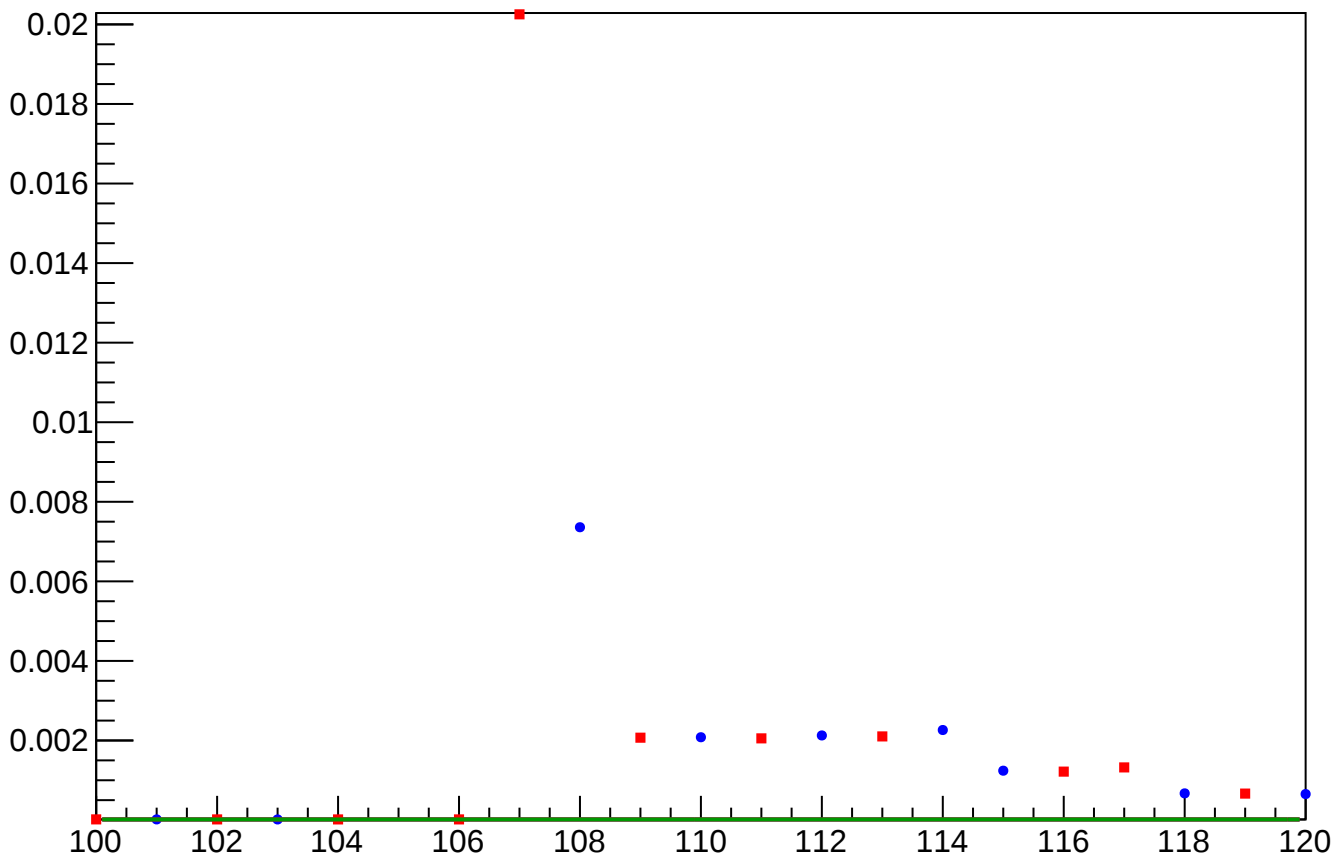
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.664+/-0.000 χ^2/NDF : 1093190318053.7/8

0.551+/-0.000 χ^2/NDF : 46764996691641

0.448+/-0.000 χ^2/NDF : 403282314193973.2/10

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4049051.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3864976.6/10

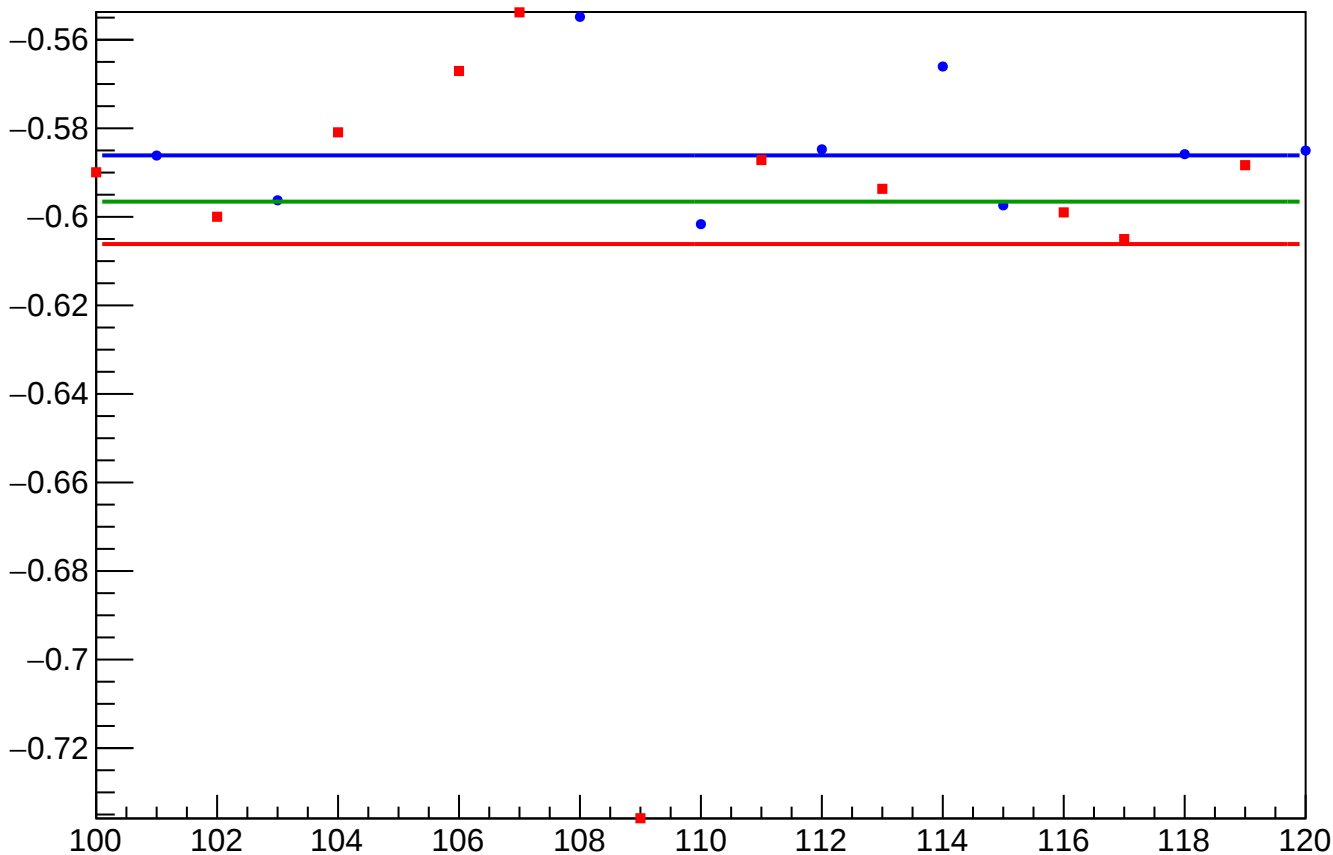
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 4049051.0/8

0.000+/-0.000 χ^2/NDF : 7914108.6/19

0.000+/-0.000 χ^2/NDF : 3864976.6/10

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.586 ± 0.000 $\chi^2/\text{NDF}: 481730.3/8$

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

Right Out: -0.606 ± 0.000 $\chi^2/\text{NDF}: 9983563.8/10$

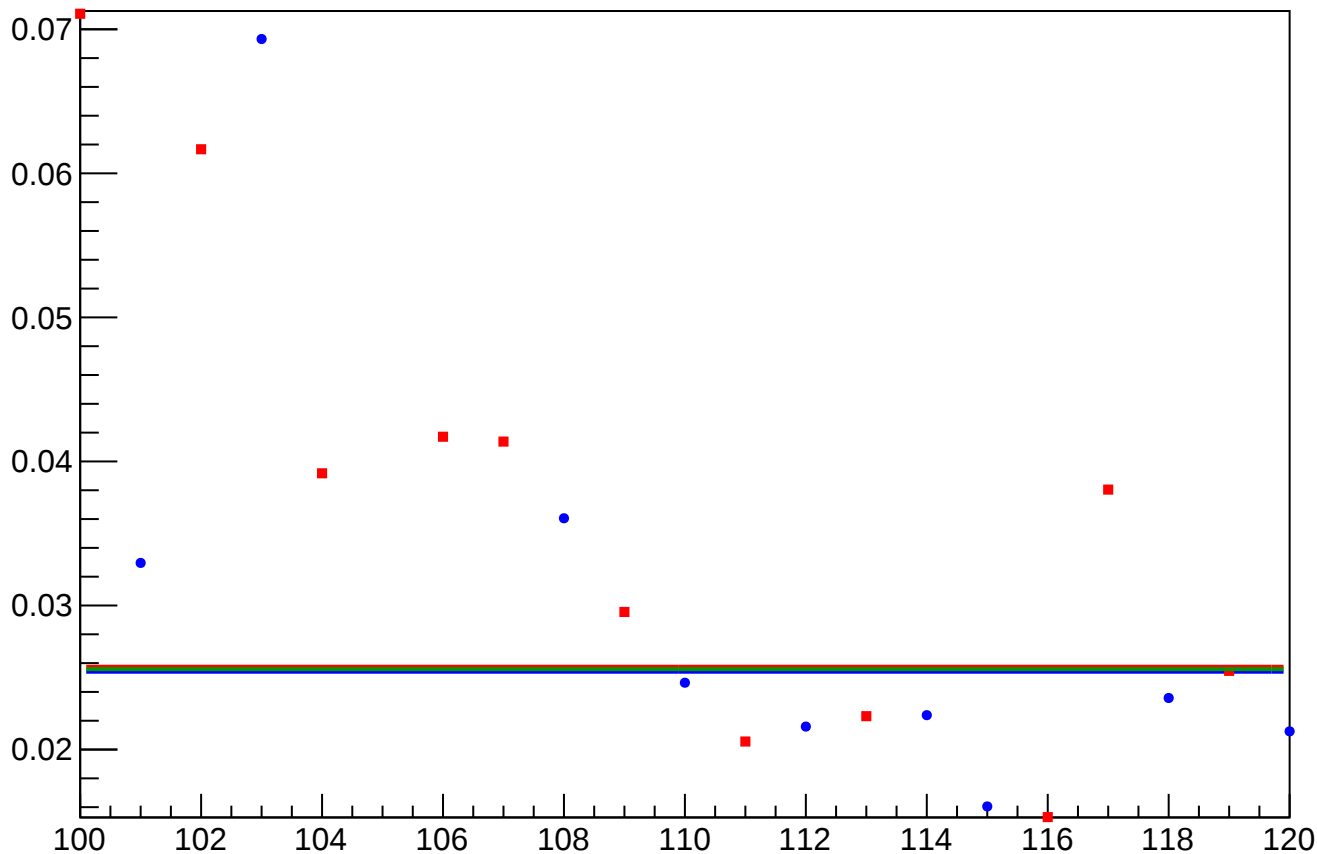
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.586 ± 0.000 $\chi^2/\text{NDF}: 481730.3/8$

-0.597 ± 0.000 $\chi^2/\text{NDF}: 11300940.9/19$

-0.606 ± 0.000 $\chi^2/\text{NDF}: 9983563.8/10$

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 670220.2/8

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

Right Out: 0.026+/-0.000 χ^2/NDF : 890818.4/10

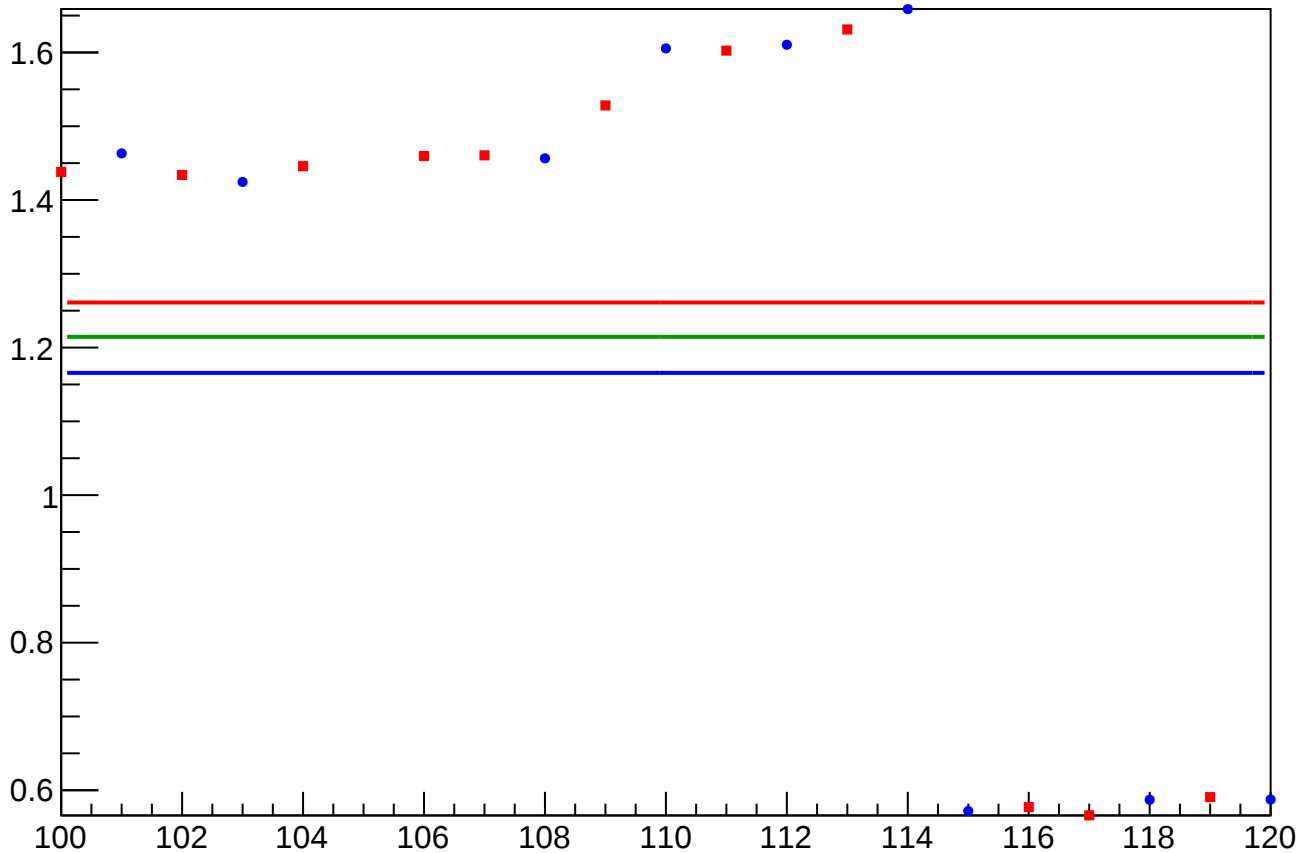
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 670220.2/8

0.026+/-0.000 χ^2/NDF : 1561534.9/19

0.026+/-0.000 χ^2/NDF : 890818.4/10

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.166+/-0.000 χ^2/NDF : 1614566782.0/8

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

Right Out: 1.261+/-0.000 χ^2/NDF : 1412774134.8/10

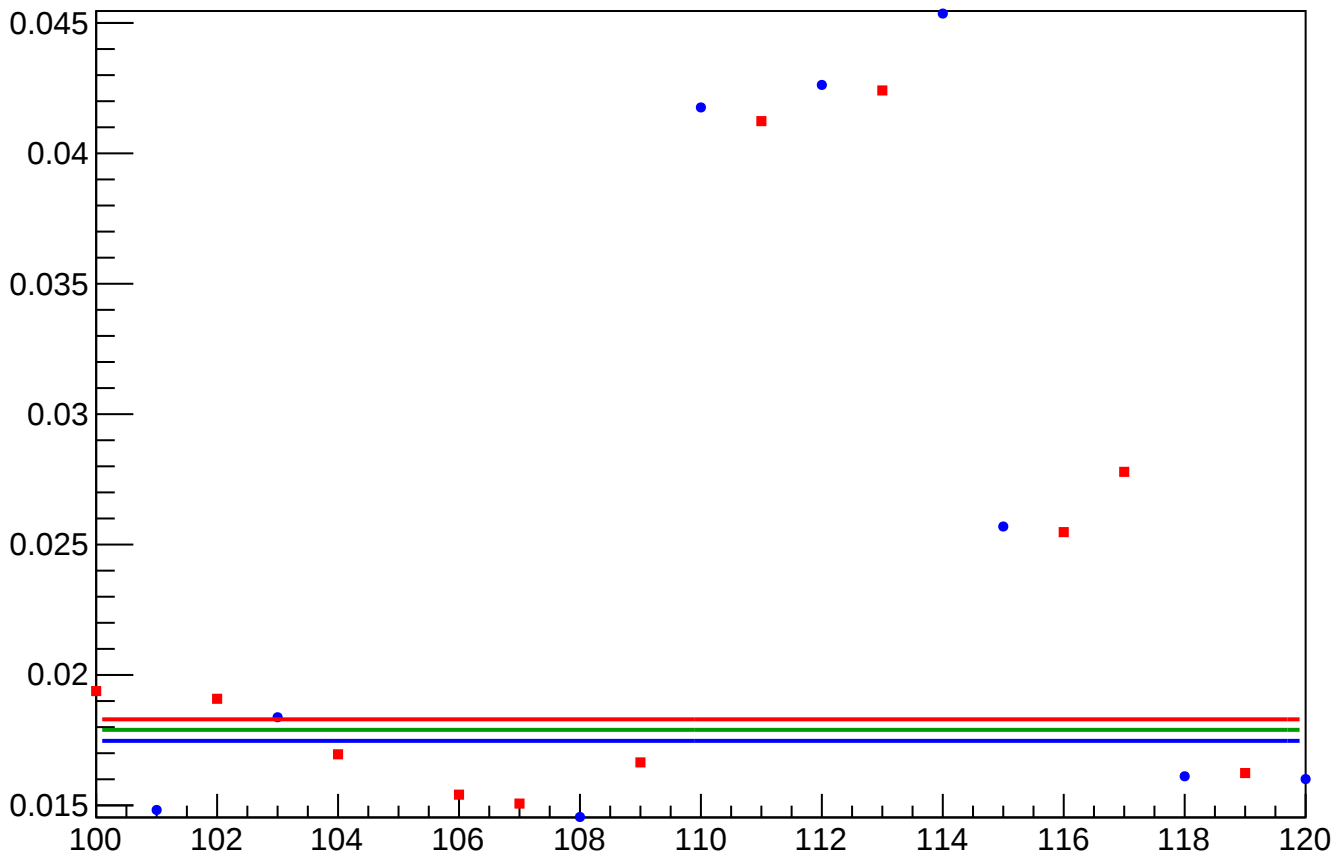
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.166+/-0.000 χ^2/NDF : 1614566782.0/8

1.215+/-0.000 χ^2/NDF : 3070660957.4/19

1.261+/-0.000 χ^2/NDF : 1412774134.8/10

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 710954.6/8

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

Right Out: 0.018+/-0.000 χ^2/NDF : 652854.1/10

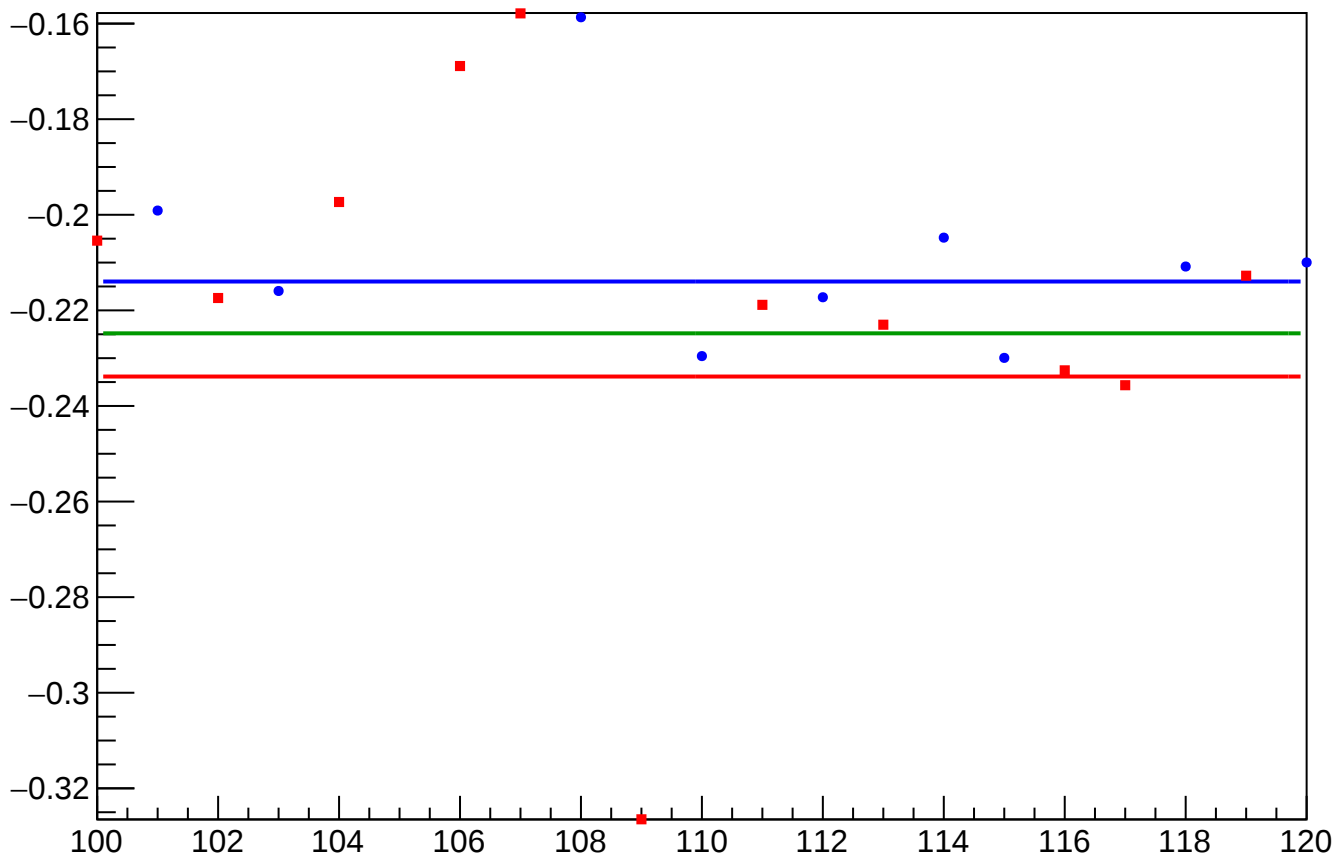
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.017+/-0.000 χ^2/NDF : 710954.6/8

0.018+/-0.000 χ^2/NDF : 1370295.3/19

0.018+/-0.000 χ^2/NDF : 652854.1/10

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.214+/-0.000 χ^2/NDF : 1227948.2/8

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

Right Out: -0.234+/-0.000 χ^2/NDF : 10772953.8/10

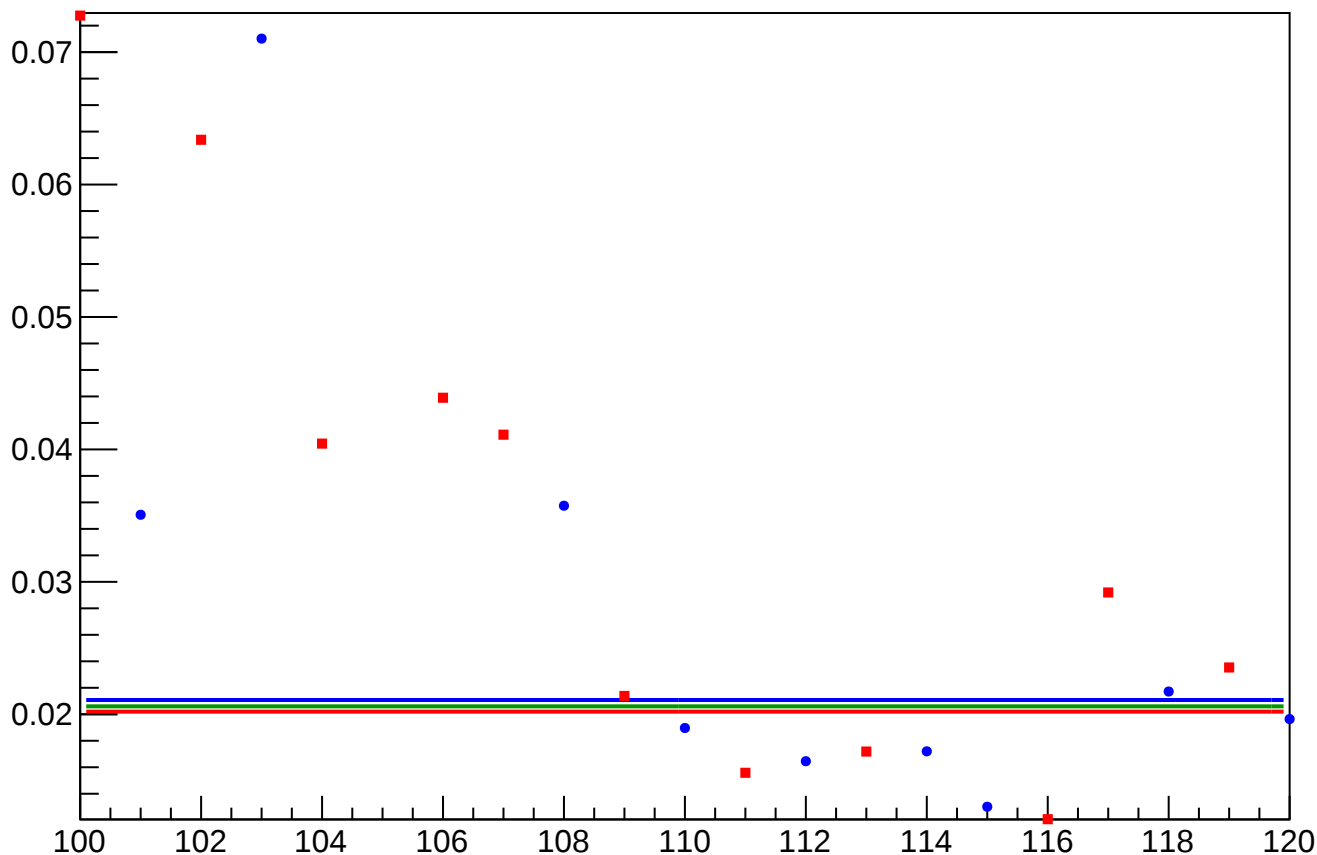
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.214+/-0.000 χ^2/NDF : 1227948.2/8

-0.225+/-0.000 χ^2/NDF : 13185836.1/19

-0.234+/-0.000 χ^2/NDF : 10772953.8/10

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 974194.0/8

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1294005.1/10

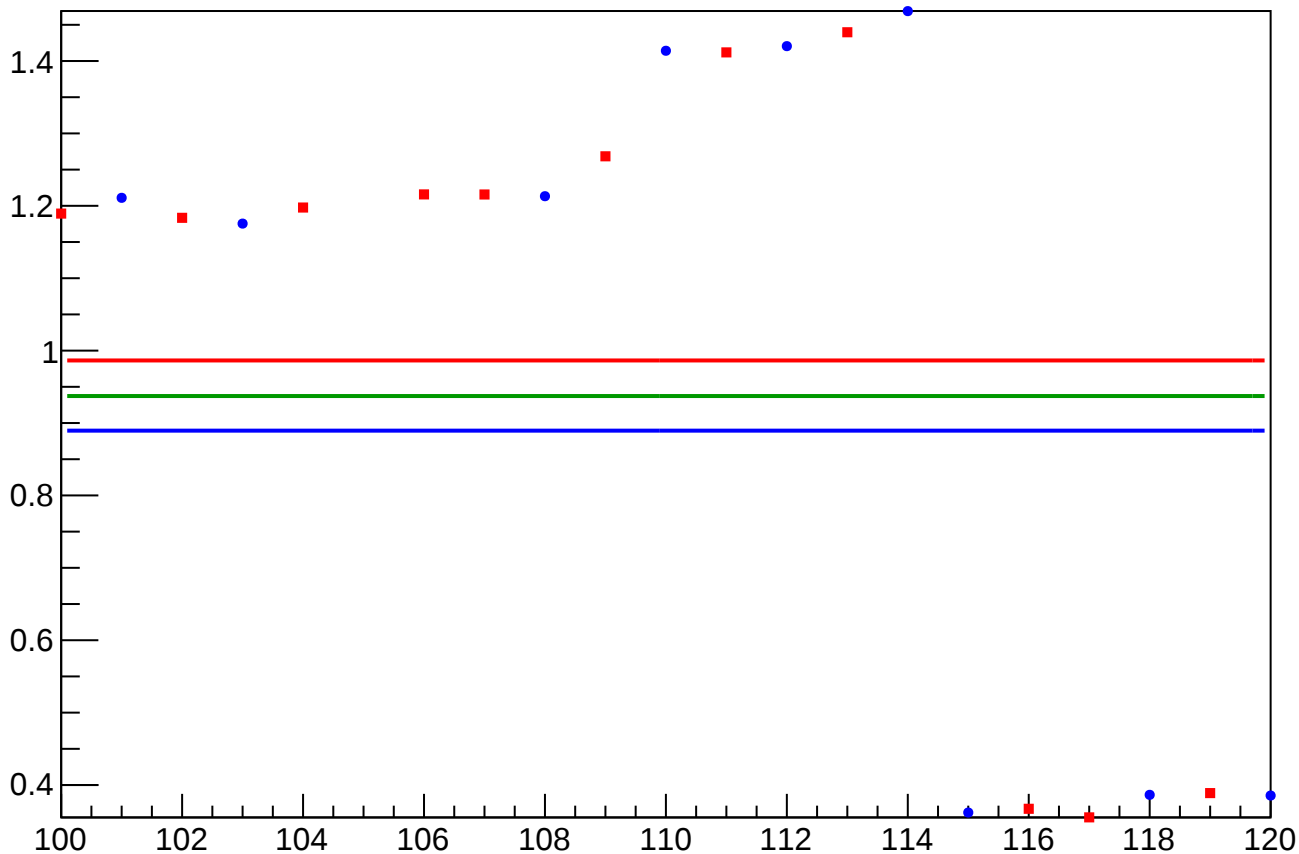
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 974194.0/8

0.021+/-0.000 χ^2/NDF : 2272825.2/19

0.020+/-0.000 χ^2/NDF : 1294005.1/10

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.889+/-0.000 χ^2/NDF : 2463416580.5/8

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

Right Out: 0.986+/-0.000 χ^2/NDF : 2074219242.0/10

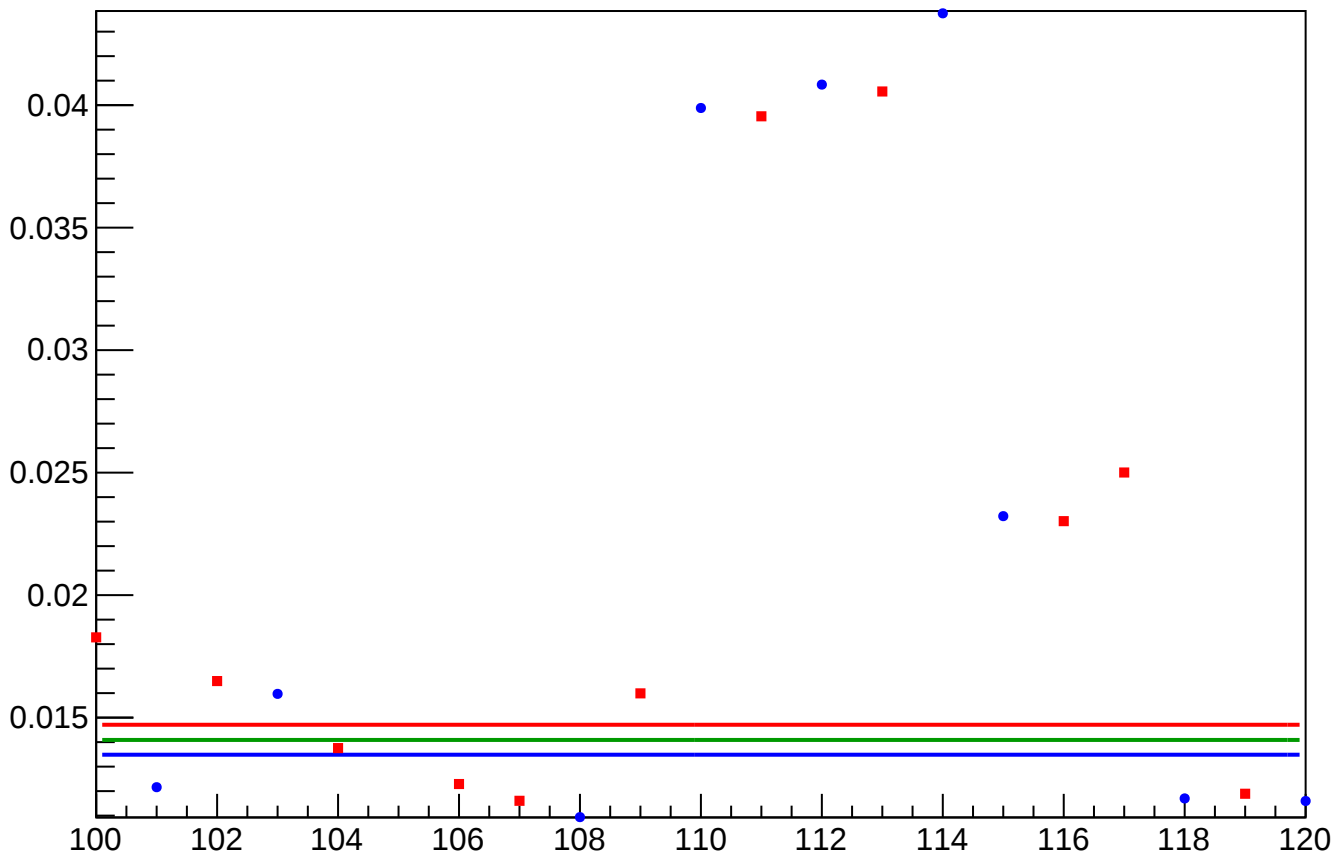
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.889+/-0.000 χ^2/NDF : 2463416580.5/8

0.937+/-0.000 χ^2/NDF : 4606324585.6/19

0.986+/-0.000 χ^2/NDF : 2074219242.0/10

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013 ± 0.000 χ^2/NDF : 935083.5/8

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

Right Out: 0.015 ± 0.000 χ^2/NDF : 887482.1/10

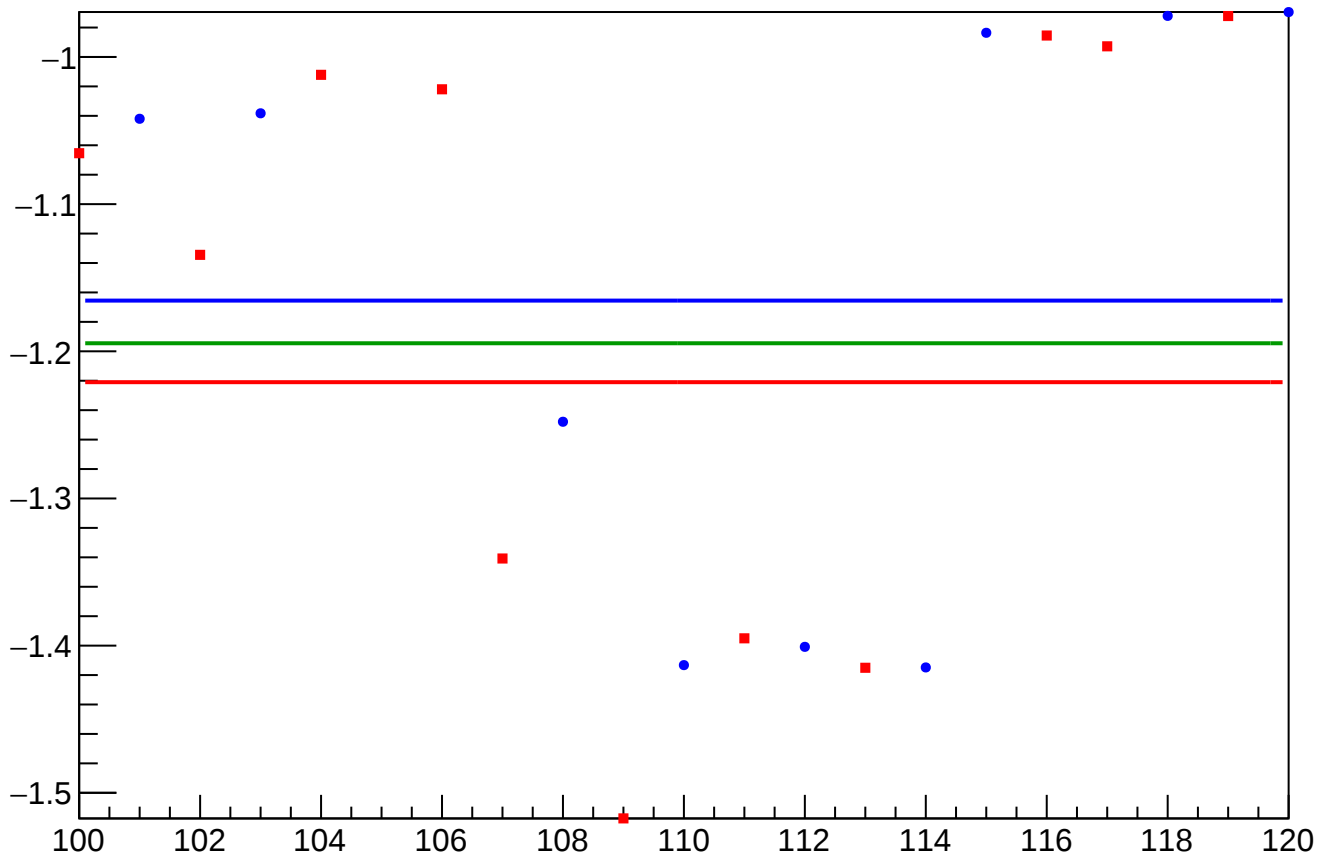
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.013 ± 0.000 χ^2/NDF : 935083.5/8

0.014 ± 0.000 χ^2/NDF : 1844418.6/19

0.015 ± 0.000 χ^2/NDF : 887482.1/10

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.166+/-0.000 χ^2/NDF : 165104349.4/8

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

Right Out: -1.221+/-0.000 χ^2/NDF : 215095666.6/10

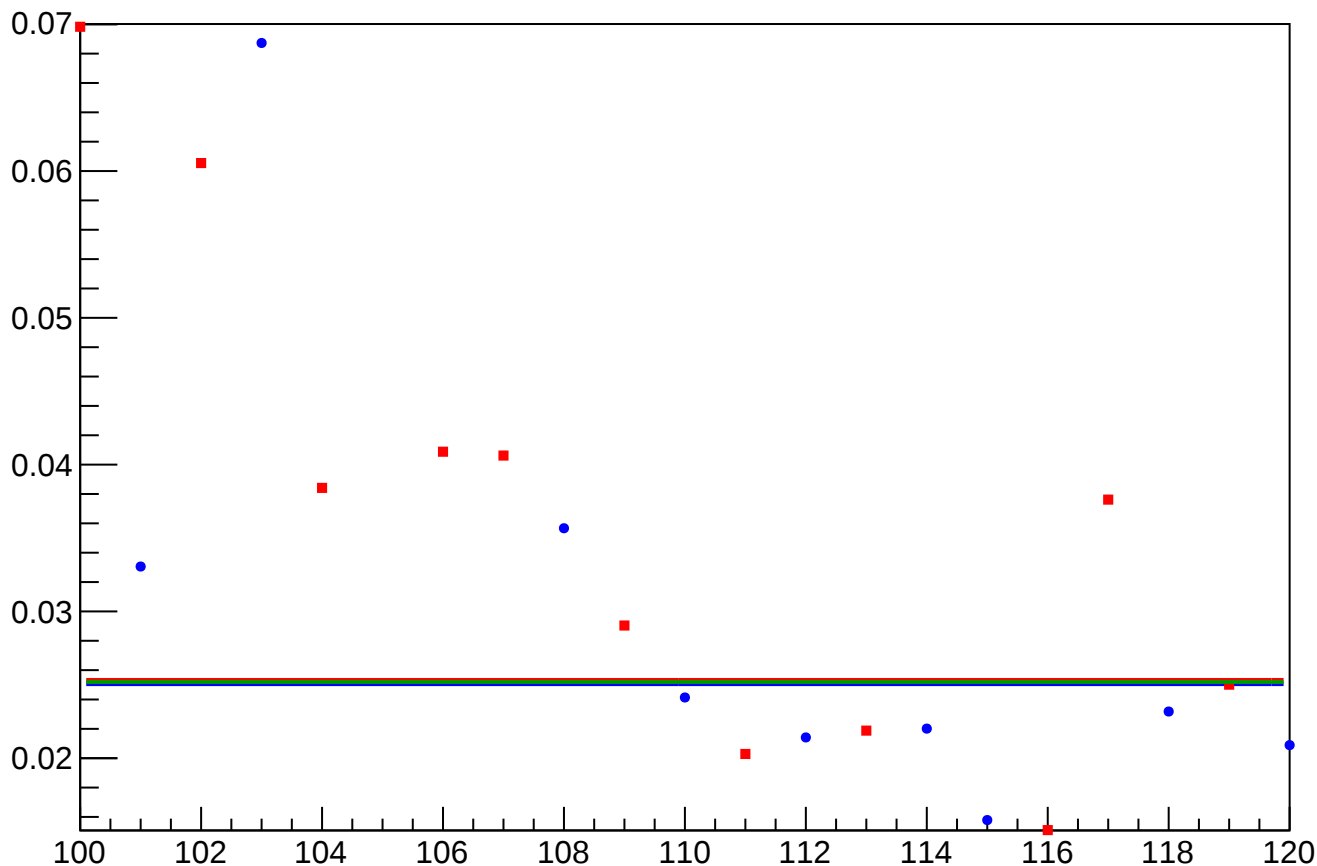
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.166+/-0.000 χ^2/NDF : 165104349.4/8

-1.195+/-0.000 χ^2/NDF : 386786022.6/19

-1.221+/-0.000 χ^2/NDF : 215095666.6/10

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 678948.3/8

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

Right Out: 0.025+/-0.000 χ^2/NDF : 884108.8/10

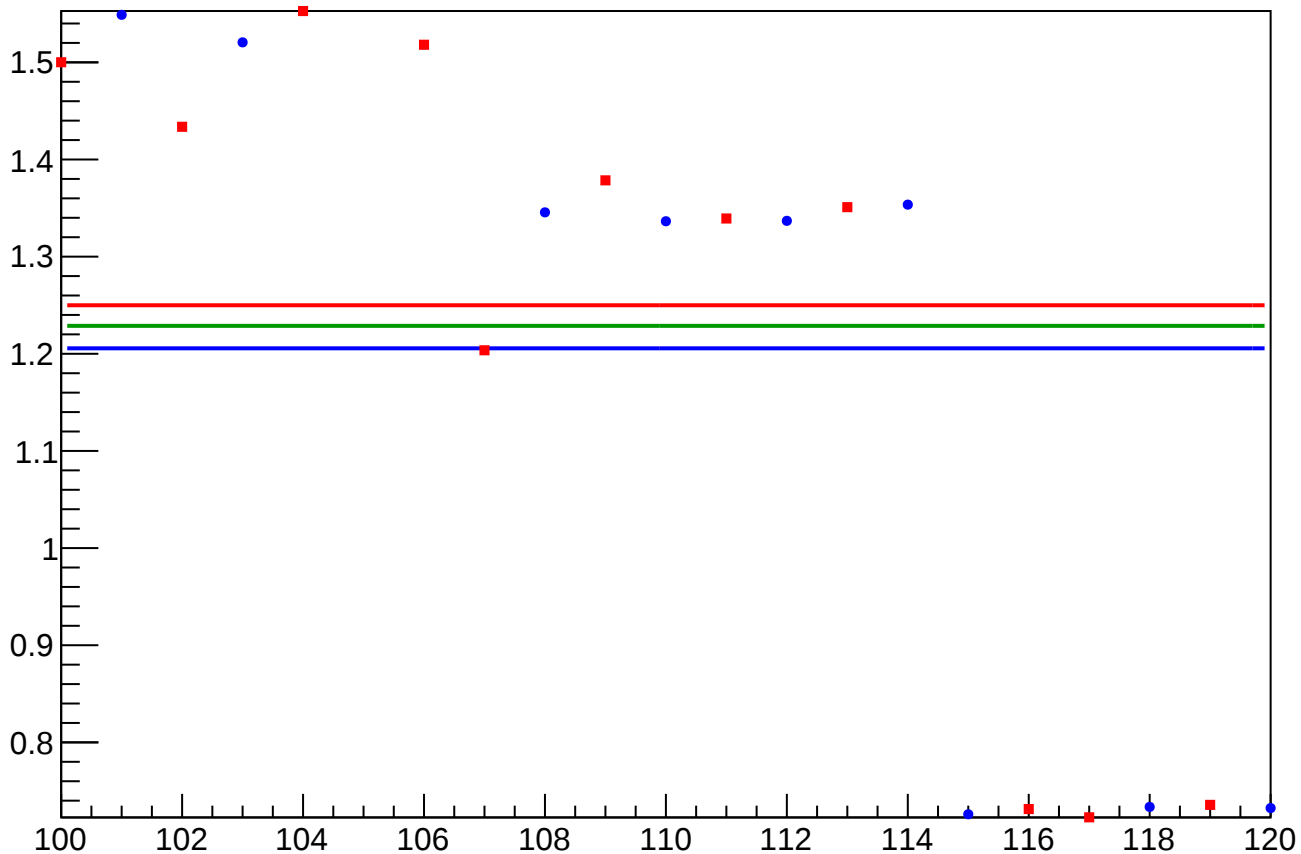
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 678948.3/8

0.025+/-0.000 χ^2/NDF : 1563394.8/19

0.025+/-0.000 χ^2/NDF : 884108.8/10

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.206+/-0.000 χ^2/NDF : 1127901480.6/8

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

Right Out: 1.250+/-0.000 χ^2/NDF : 917275218.9/10

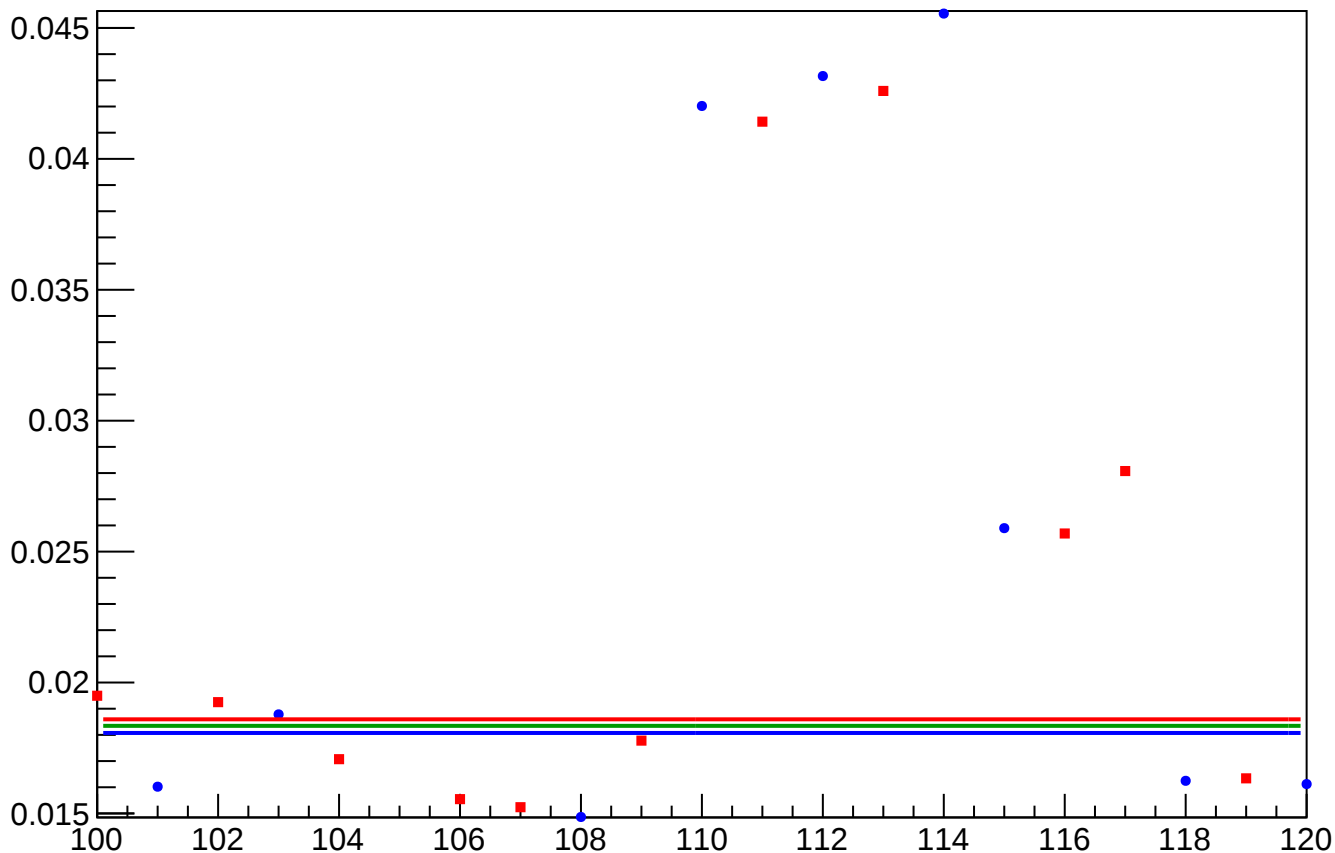
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.206+/-0.000 χ^2/NDF : 1127901480.6/8

1.229+/-0.000 χ^2/NDF : 2054053008.4/19

1.250+/-0.000 χ^2/NDF : 917275218.9/10

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 682105.8/8

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

Right Out: 0.019+/-0.000 χ^2/NDF : 643039.9/10

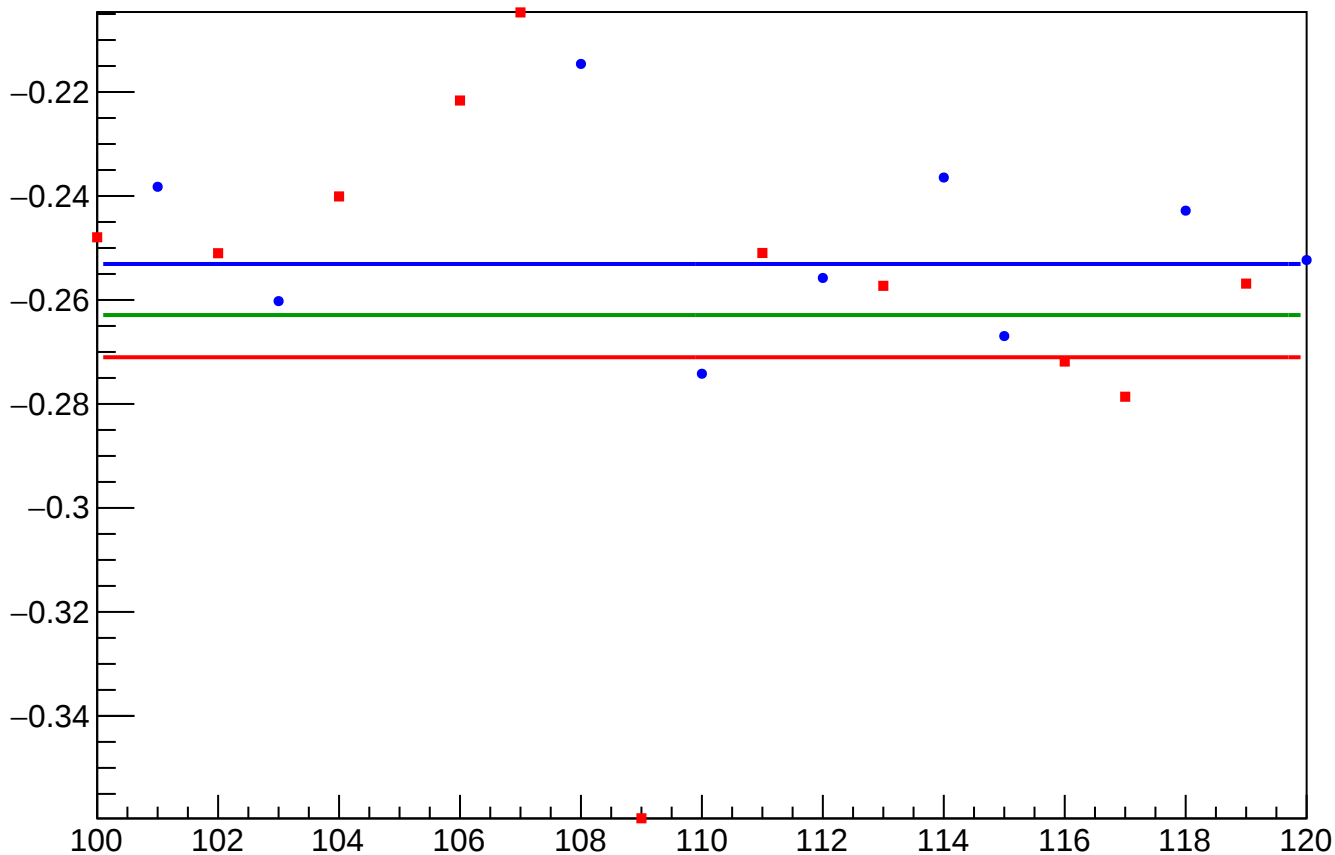
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.000 χ^2/NDF : 682105.8/8

0.018+/-0.000 χ^2/NDF : 1327599.1/19

0.019+/-0.000 χ^2/NDF : 643039.9/10

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.253+/-0.000 χ^2/NDF : 1097760.6/8

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

Right Out: -0.271+/-0.000 χ^2/NDF : 9626698.1/10

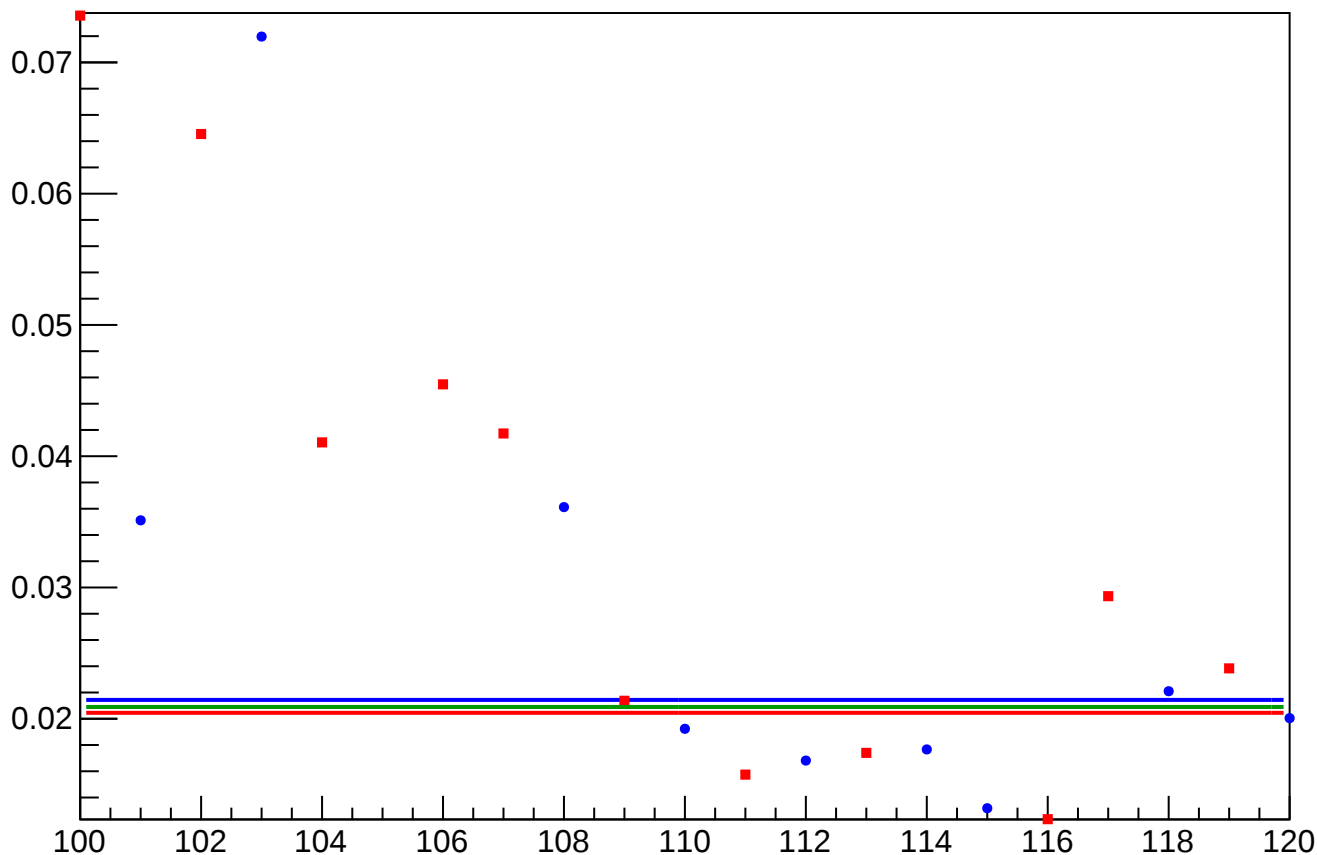
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.253+/-0.000 χ^2/NDF : 1097760.6/8

-0.263+/-0.000 χ^2/NDF : 11661862.4/19

-0.271+/-0.000 χ^2/NDF : 9626698.1/10

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 959226.9/8

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

Right Out: 0.020+/-0.000 χ^2/NDF : 1299660.5/10

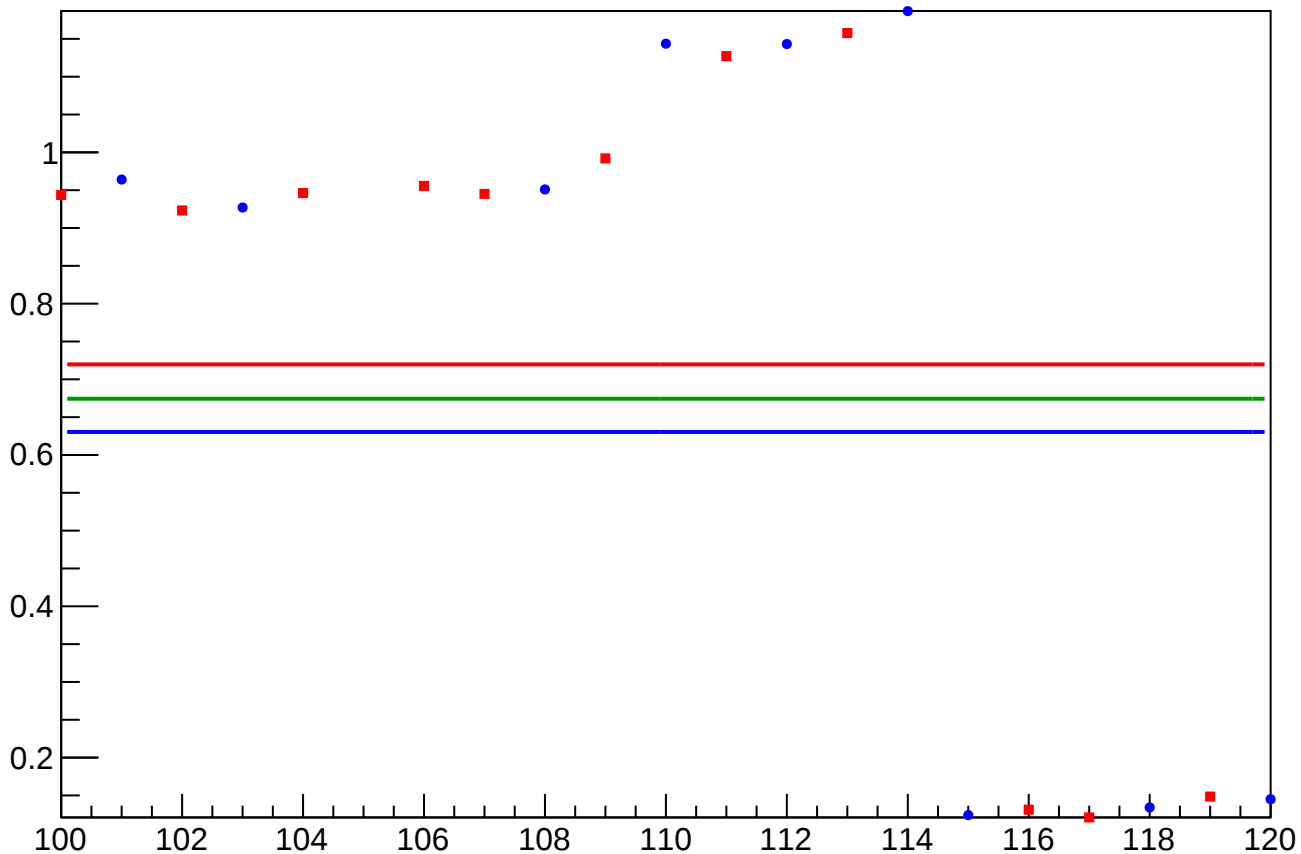
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.021+/-0.000 χ^2/NDF : 959226.9/8

0.021+/-0.000 χ^2/NDF : 2264530.2/19

0.020+/-0.000 χ^2/NDF : 1299660.5/10

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.630+/-0.000 χ^2/NDF : 2470938000.3/8

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

Right Out: 0.720+/-0.000 χ^2/NDF : 2016263532.4/10

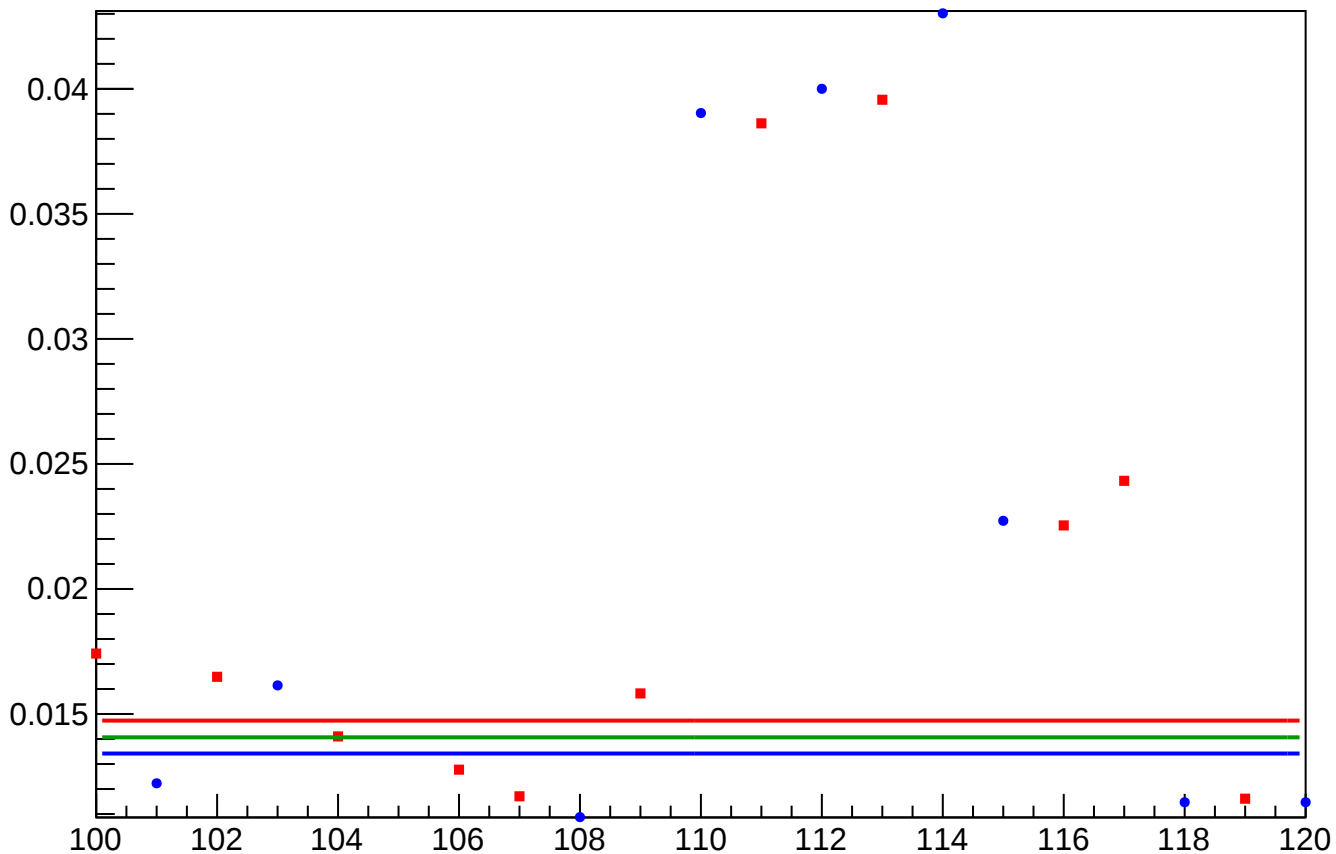
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.630+/-0.000 χ^2/NDF : 2470938000.3/8

0.674+/-0.000 χ^2/NDF : 4545826313.2/19

0.720+/-0.000 χ^2/NDF : 2016263532.4/10

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 930841.4/8

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

Right Out: 0.015+/-0.000 χ^2/NDF : 861312.9/10

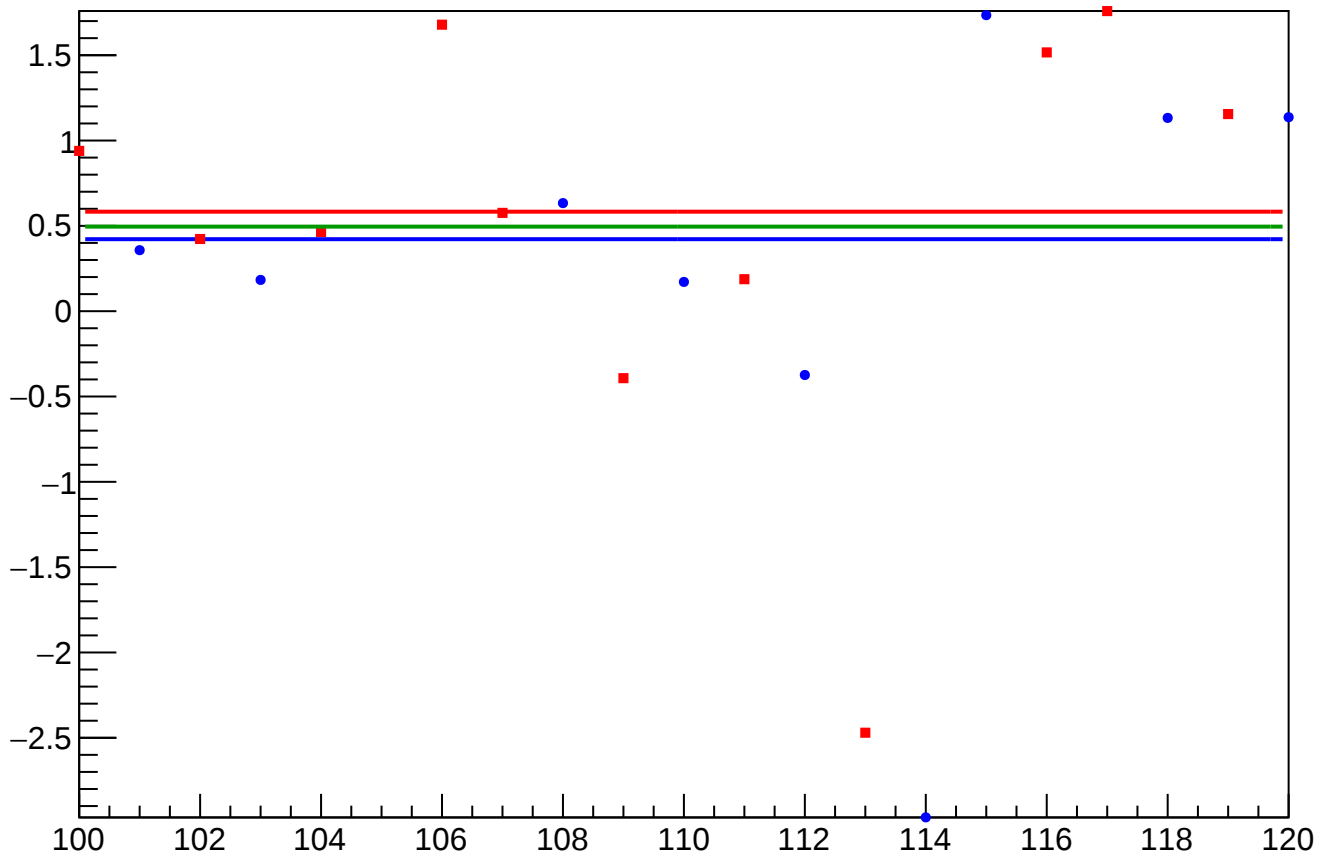
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 930841.4/8

0.014+/-0.000 χ^2/NDF : 1817694.1/19

0.015+/-0.000 χ^2/NDF : 861312.9/10

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.422 +/- 0.000 χ^2/NDF : 184092363.5/8

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

Right Out: 0.583 +/- 0.000 χ^2/NDF : 856491446.0/10

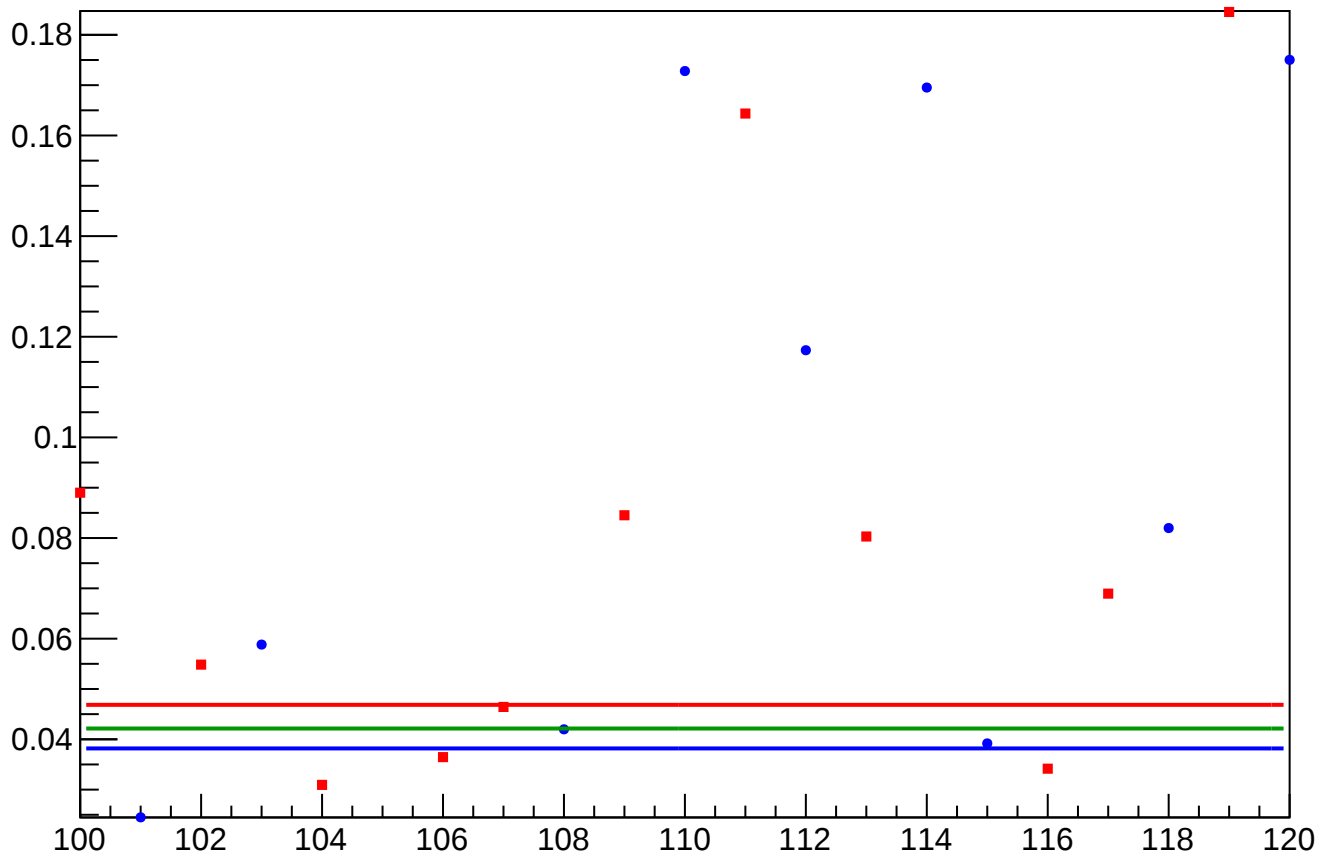
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

0.422 +/- 0.000 χ^2/NDF : 184092363.5/8

0.496 +/- 0.000 χ^2/NDF : 1055762257.0/19

0.583 +/- 0.000 χ^2/NDF : 856491446.0/10

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 1796692.6/8

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

Right Out: 0.047+/-0.000 χ^2/NDF : 1547120.3/10

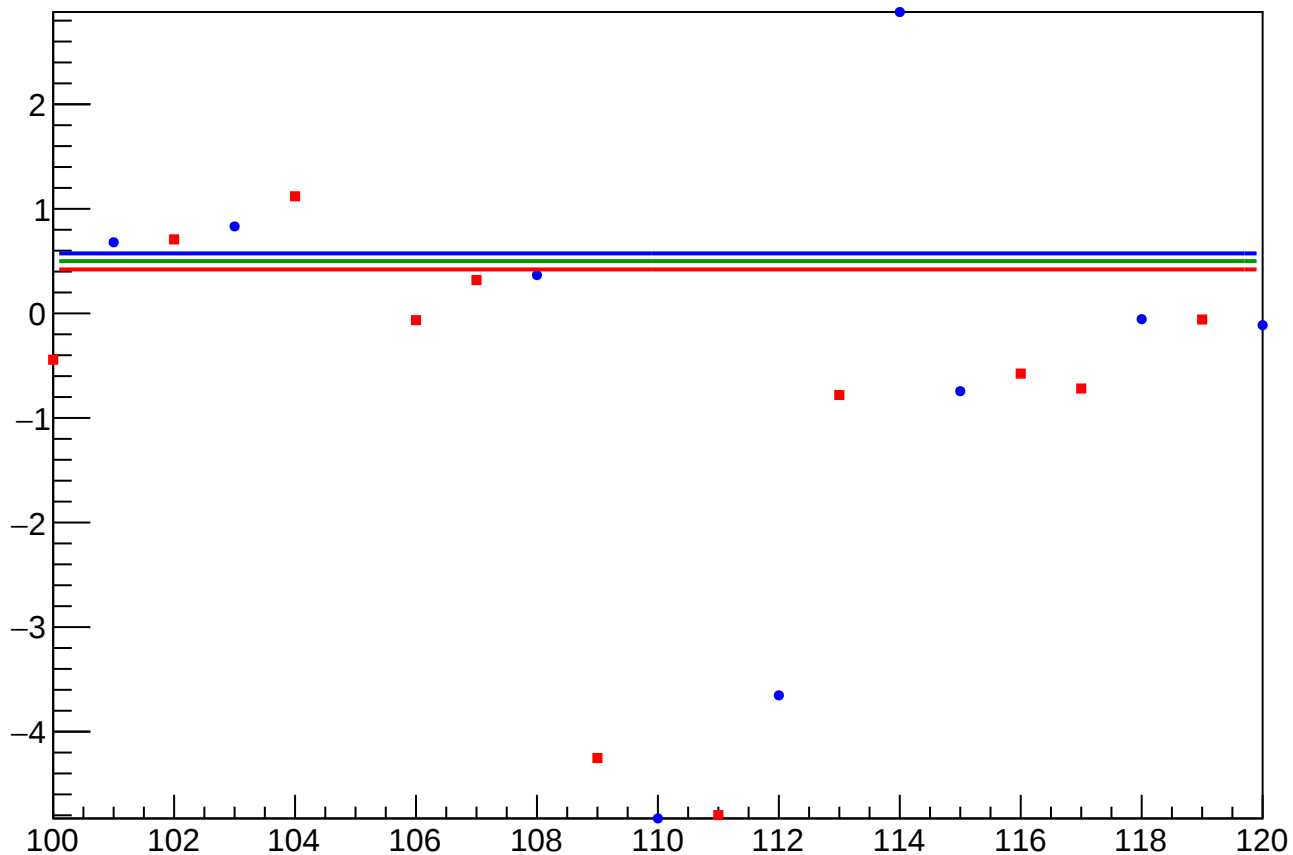
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.038+/-0.000 χ^2/NDF : 1796692.6/8

0.042+/-0.000 χ^2/NDF : 3431510.2/19

0.047+/-0.000 χ^2/NDF : 1547120.3/10

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.574+/-0.000 χ^2/NDF : 1602285550.1/8

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

Right Out: 0.420+/-0.000 χ^2/NDF : 3623141281.5/10

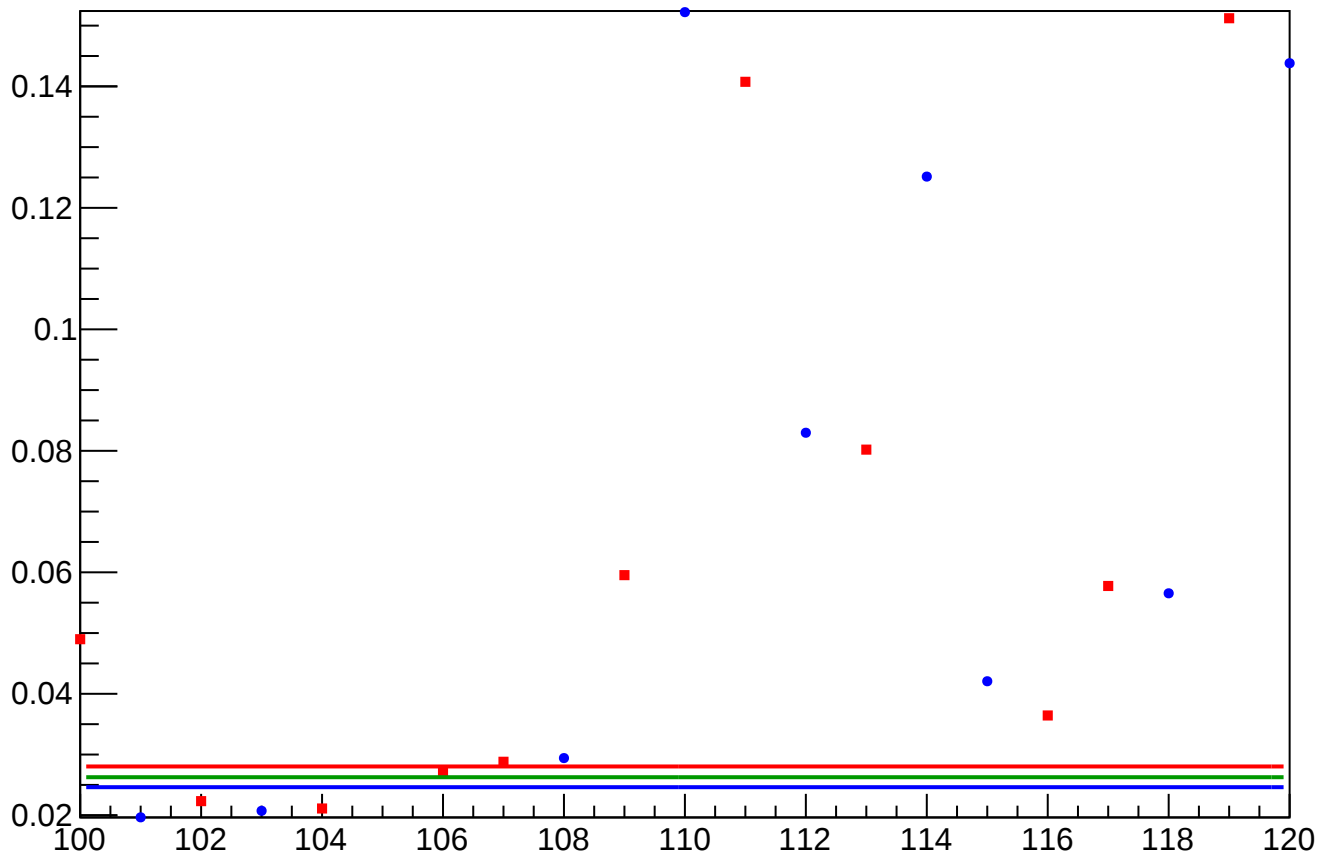
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

0.574+/-0.000 χ^2/NDF : 1602285550.1/8

0.500+/-0.000 χ^2/NDF : 5261135452.3/19

0.420+/-0.000 χ^2/NDF : 3623141281.5/10

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 1594778.2/8

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

Right Out: 0.028+/-0.000 χ^2/NDF : 1890641.4/10

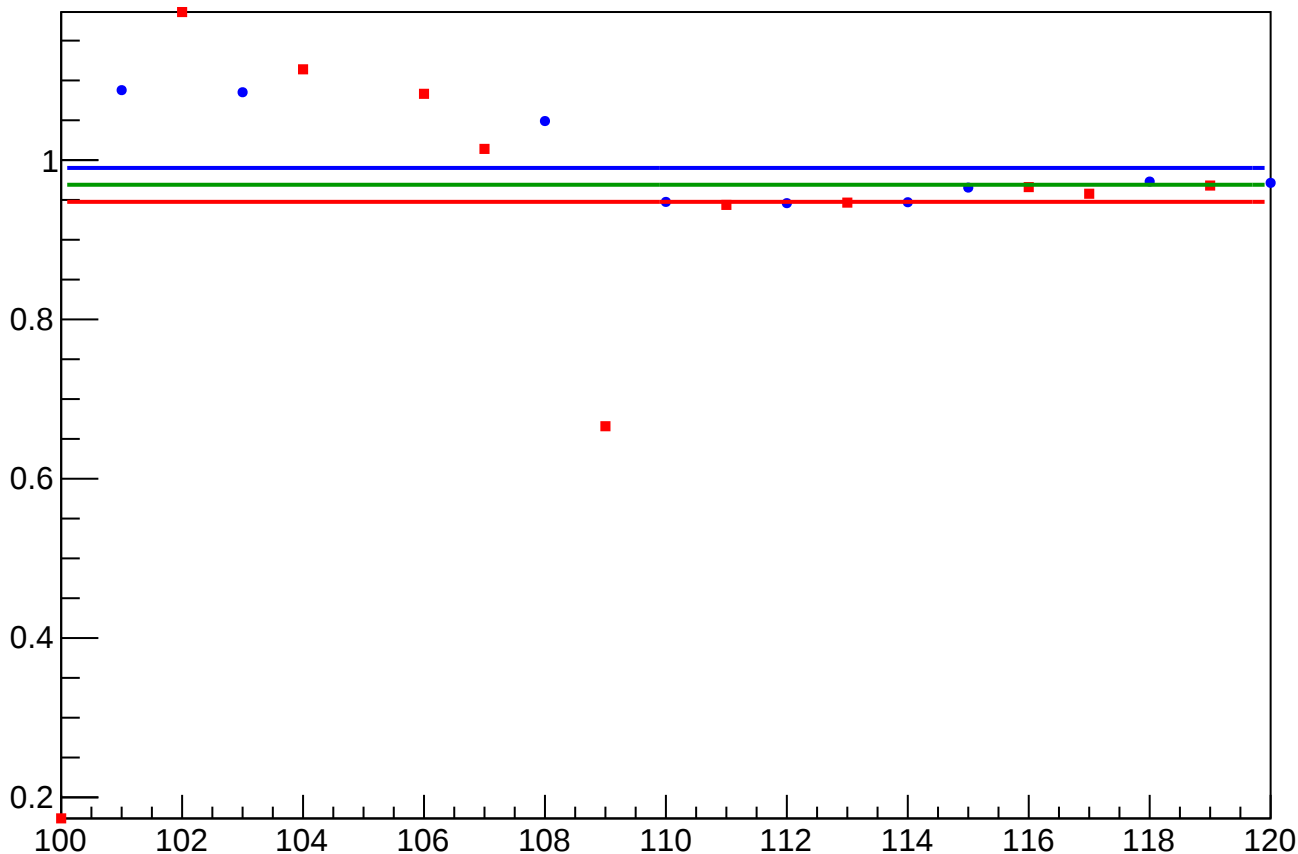
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 1594778.2/8

0.026+/-0.000 χ^2/NDF : 3520764.5/19

0.028+/-0.000 χ^2/NDF : 1890641.4/10

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.990+/-0.000 χ^2/NDF : 40520993.7/8

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

Right Out: 0.948+/-0.000 χ^2/NDF : 258030959.3/10

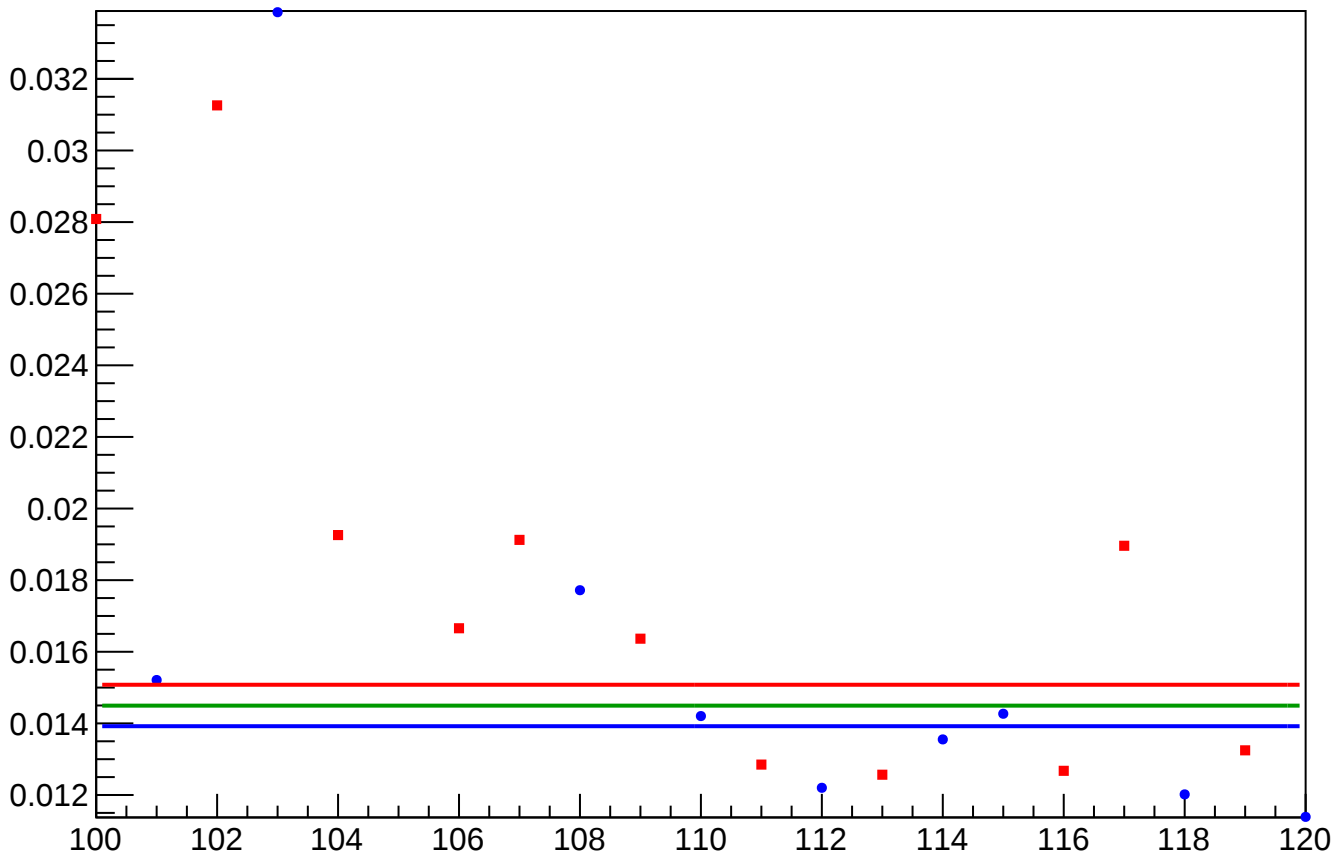
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.990+/-0.000 χ^2/NDF : 40520993.7/8

0.969+/-0.000 χ^2/NDF : 311498613.2/19

0.948+/-0.000 χ^2/NDF : 258030959.3/10

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 463787.3/8

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

Right Out: 0.015+/-0.000 χ^2/NDF : 453484.4/10

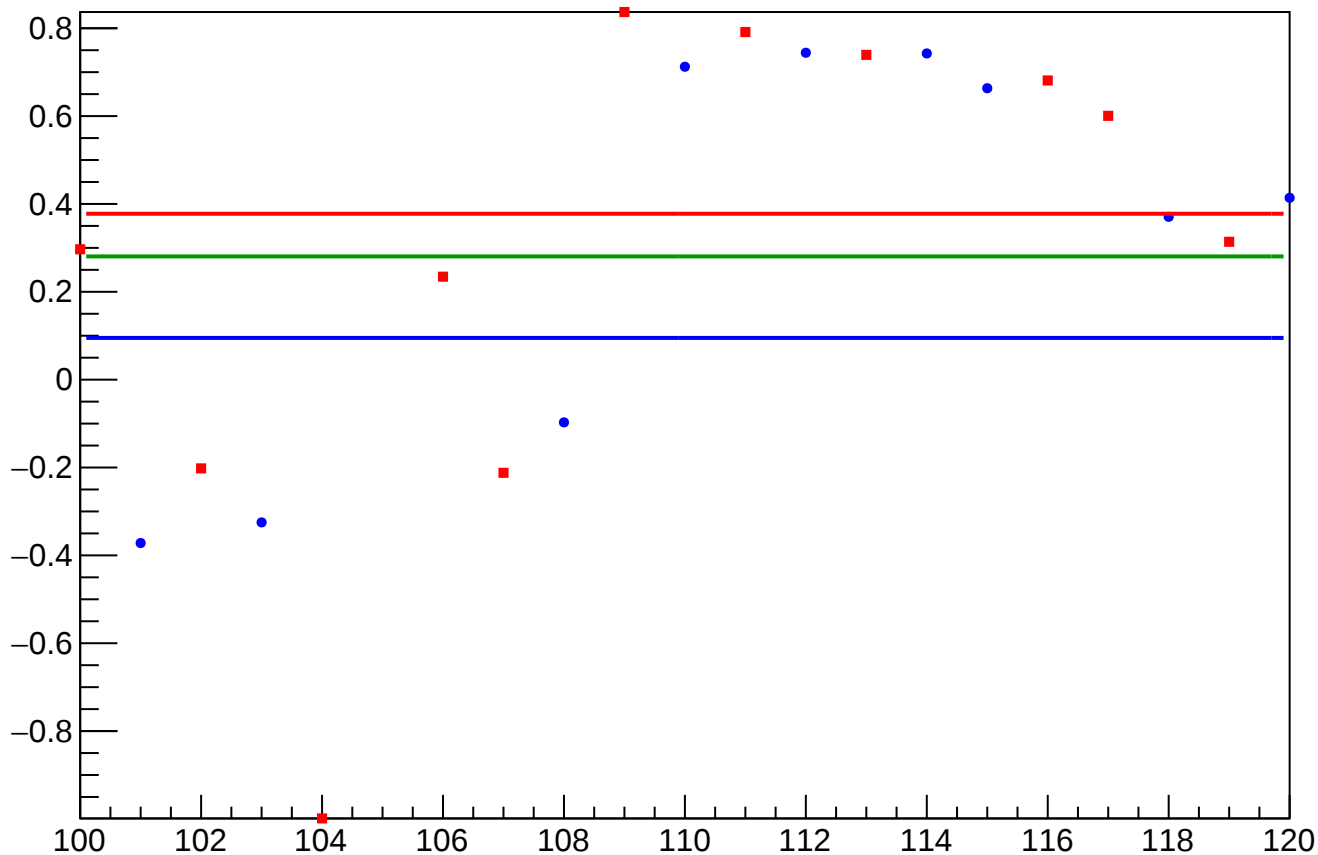
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 463787.3/8

0.014+/-0.000 χ^2/NDF : 936421.6/19

0.015+/-0.000 χ^2/NDF : 453484.4/10

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.095+/-0.000 χ^2/NDF : 1785897104.8/8

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

Right Out: 0.378+/-0.000 χ^2/NDF : 5905715878.6/10

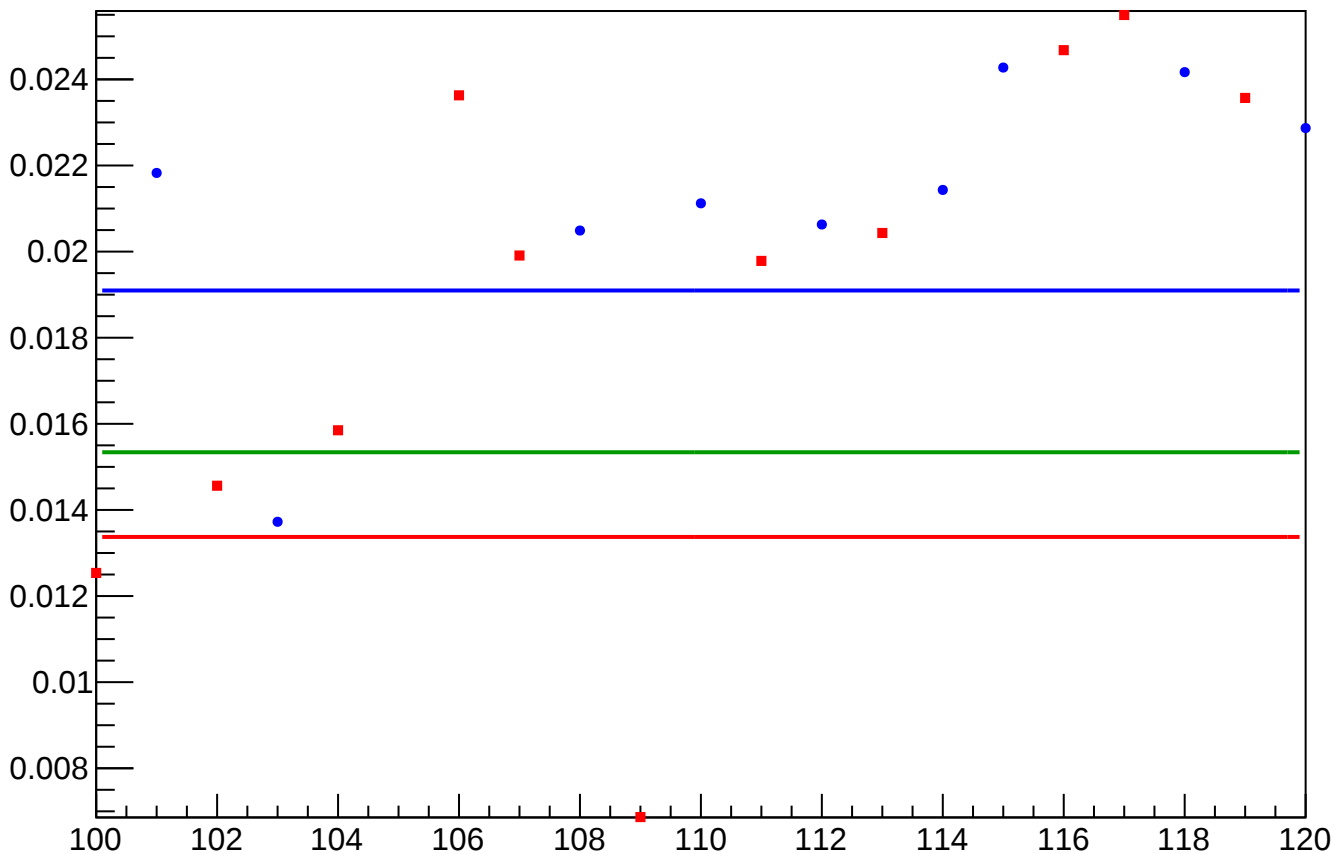
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.095+/-0.000 χ^2/NDF : 1785897104.8/8

0.281+/-0.000 χ^2/NDF : 8121667314.0/19

0.378+/-0.000 χ^2/NDF : 5905715878.6/10

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 264666.9/8

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

Right Out: 0.013+/-0.000 χ^2/NDF : 1255934.8/10

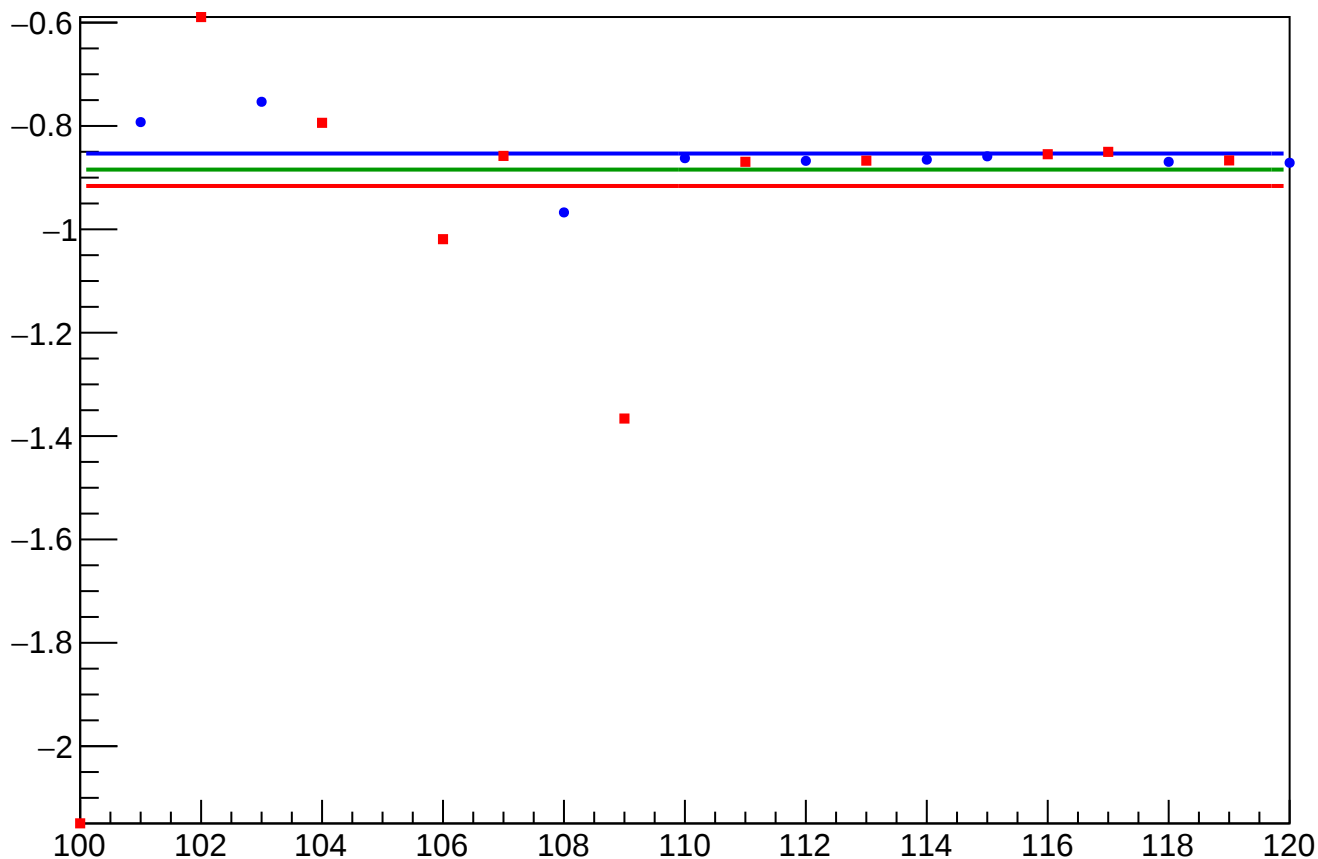
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 264666.9/8

0.015+/-0.000 χ^2/NDF : 1873320.3/19

0.013+/-0.000 χ^2/NDF : 1255934.8/10

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.853+/-0.000 χ^2/NDF : 6236231.5/8

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

Right Out: -0.916+/-0.000 χ^2/NDF : 108348042.3/10

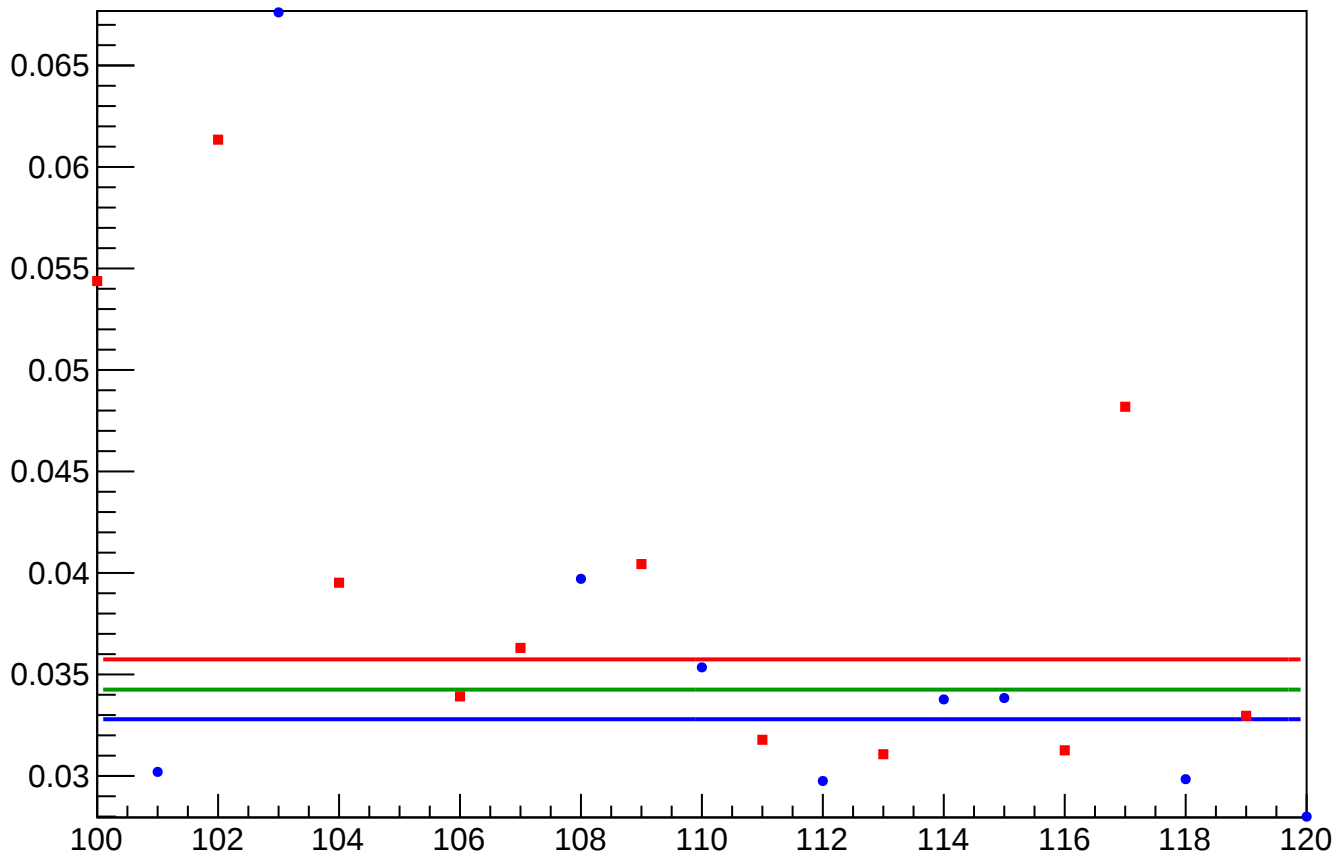
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.853+/-0.000 χ^2/NDF : 6236231.5/8

-0.884+/-0.000 χ^2/NDF : 119732263.7/19

-0.916+/-0.000 χ^2/NDF : 108348042.3/10

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 334216.8/8

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

Right Out: 0.036+/-0.000 χ^2/NDF : 253299.3/10

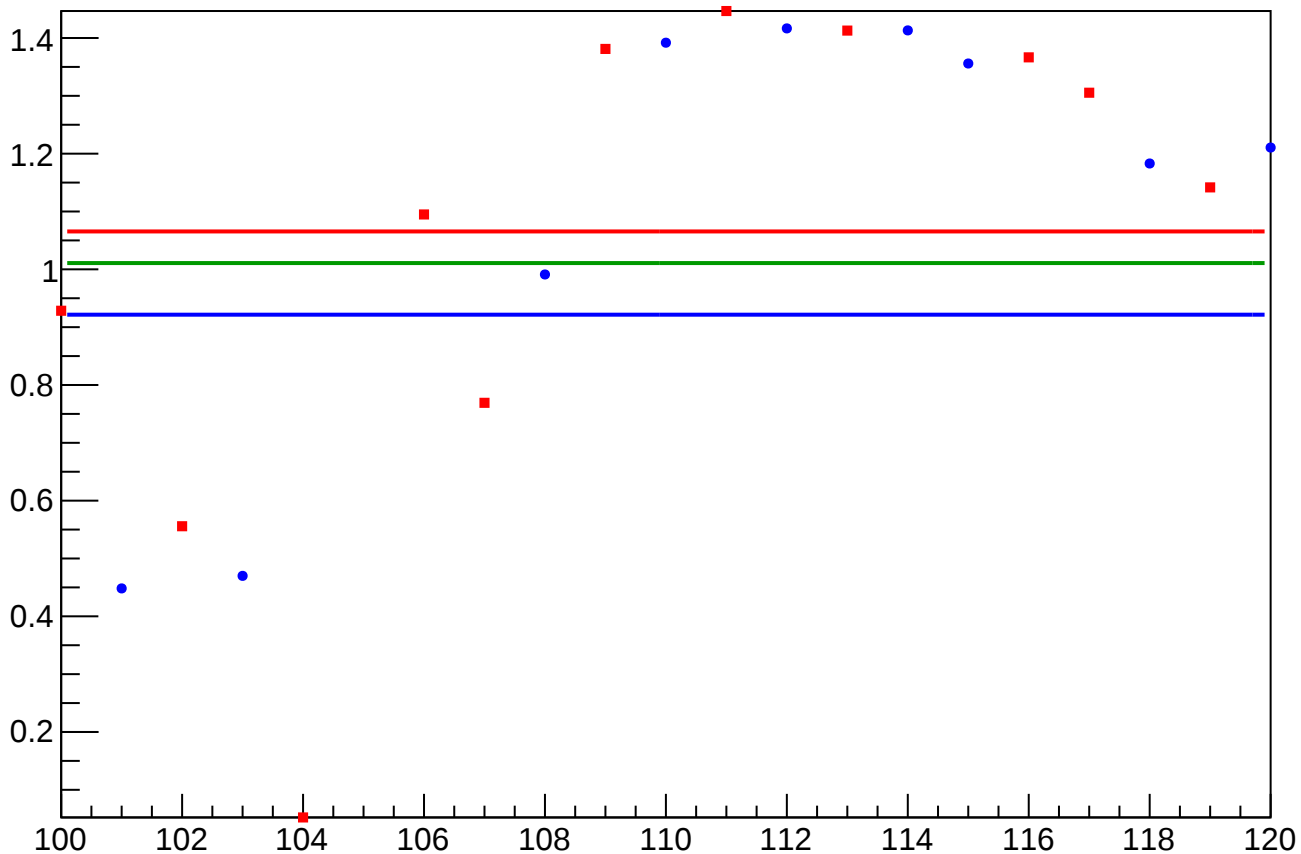
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 334216.8/8

0.034+/-0.000 χ^2/NDF : 610228.2/19

0.036+/-0.000 χ^2/NDF : 253299.3/10

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.922+/-0.000 χ^2/NDF : 2988857716.8/8

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

Right Out: 1.066+/-0.000 χ^2/NDF : 5827051691.0/10

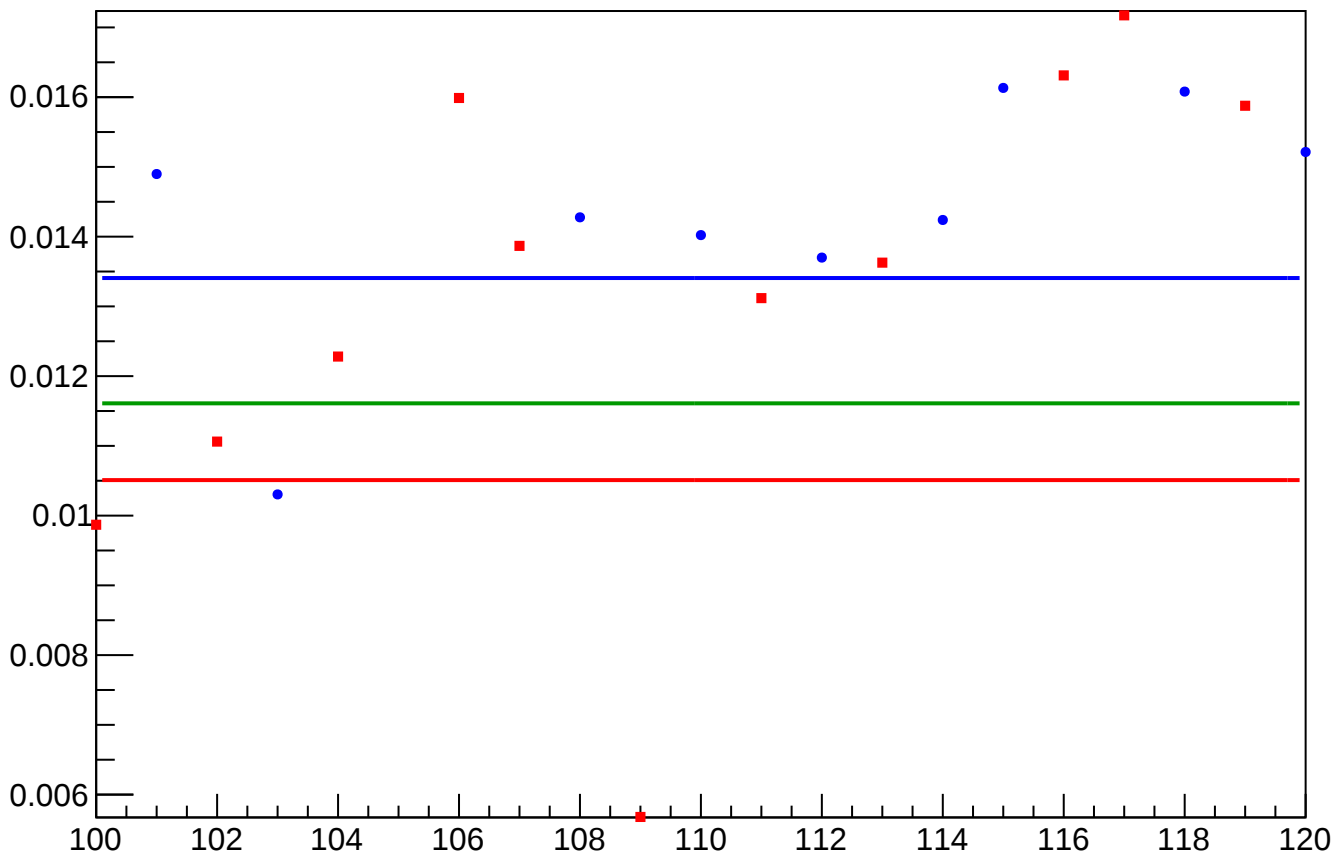
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.922+/-0.000 χ^2/NDF : 2988857716.8/8

1.011+/-0.000 χ^2/NDF : 9032156454.9/19

1.066+/-0.000 χ^2/NDF : 5827051691.0/10

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 153356.6/8

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

Right Out: 0.011+/-0.000 χ^2/NDF : 839547.2/10

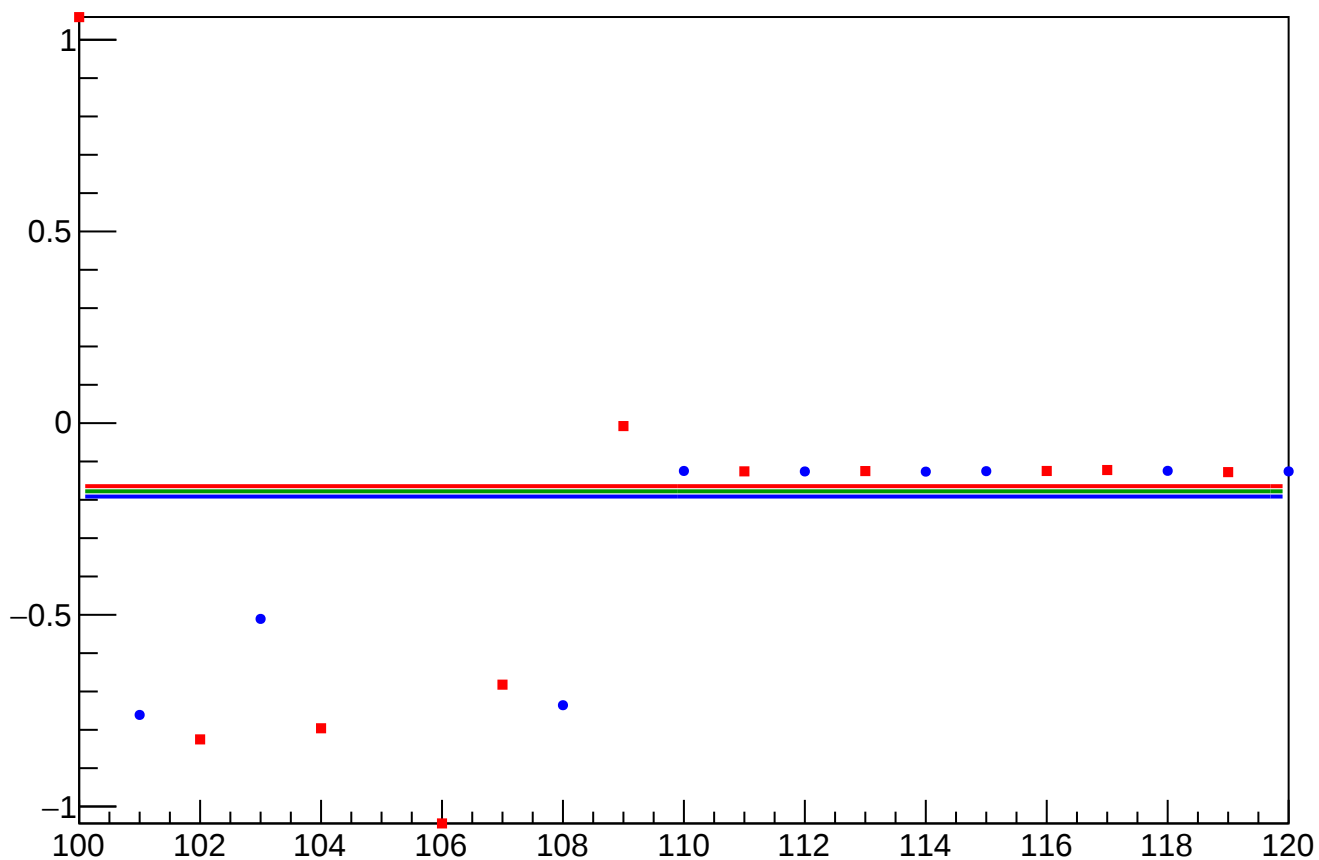
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 153356.6/8

0.012+/-0.000 χ^2/NDF : 1168127.6/19

0.011+/-0.000 χ^2/NDF : 839547.2/10

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.191+/-0.000 χ^2/NDF : 345018501.7/8

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

Right Out: -0.164+/-0.000 χ^2/NDF : 416983047.0/10

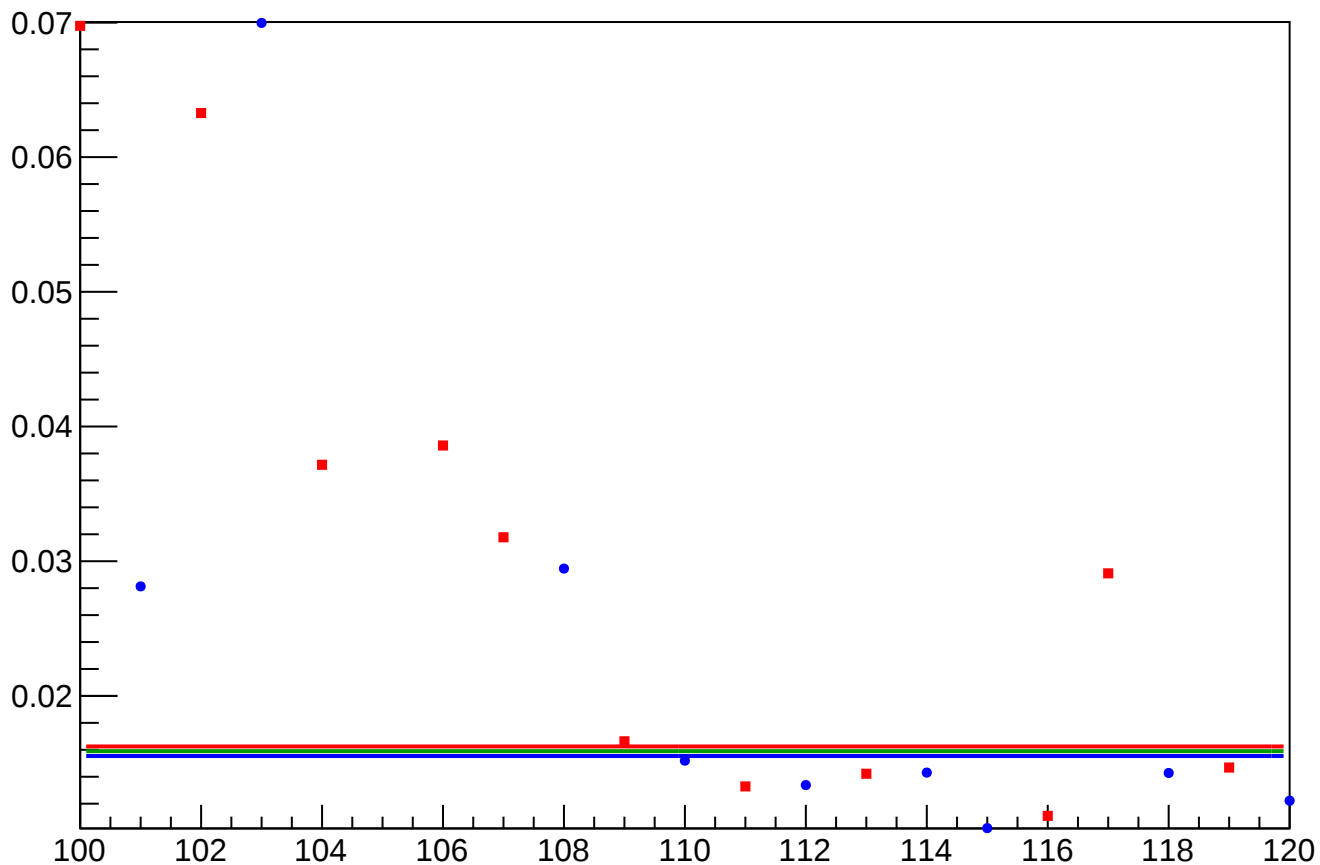
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.191+/-0.000 χ^2/NDF : 345018501.7/8

-0.178+/-0.000 χ^2/NDF : 765542517.4/19

-0.164+/-0.000 χ^2/NDF : 416983047.0/10

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1096371.1/8

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

Right Out: 0.016+/-0.000 χ^2/NDF : 1283354.2/10

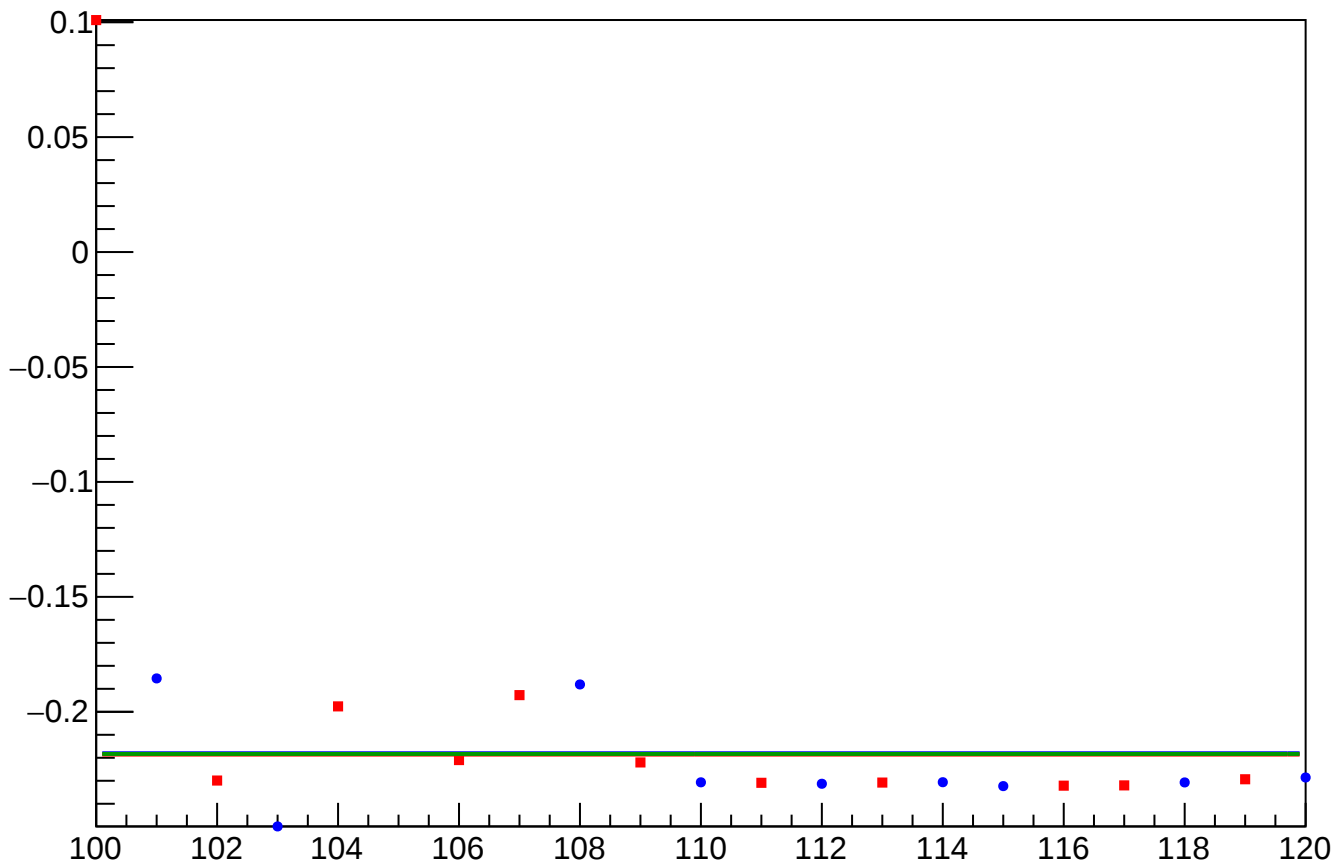
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 1096371.1/8

0.016+/-0.000 χ^2/NDF : 2384602.6/19

0.016+/-0.000 χ^2/NDF : 1283354.2/10

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.218+/-0.000 χ^2/NDF : 65313667.2/8

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

Right Out: -0.219+/-0.000 χ^2/NDF : 160086492.6/10

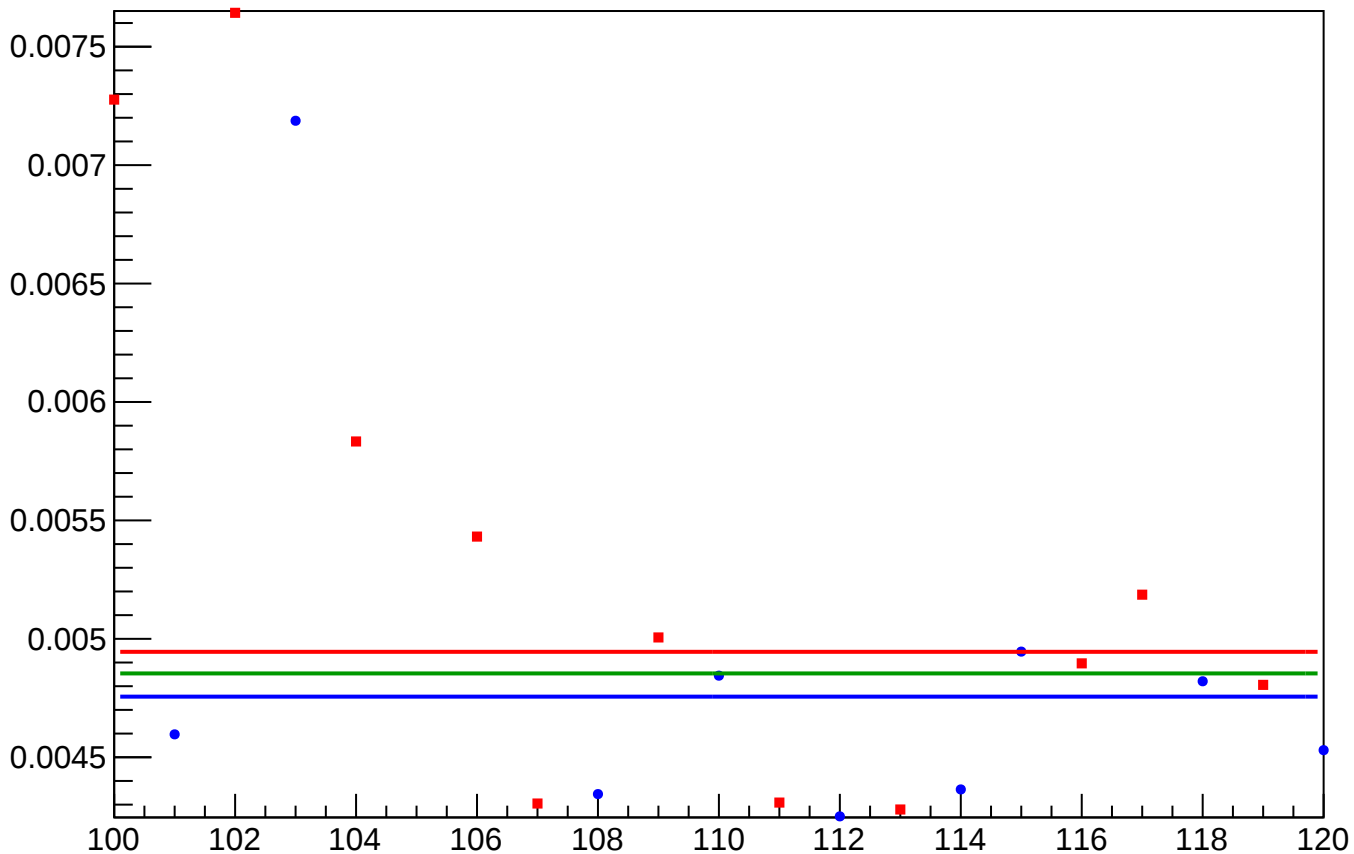
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.218+/-0.000 χ^2/NDF : 65313667.2/8

-0.218+/-0.000 χ^2/NDF : 225422125.3/19

-0.219+/-0.000 χ^2/NDF : 160086492.6/10

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 143953.2/8

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

Right Out: 0.005+/-0.000 χ^2/NDF : 216568.7/10

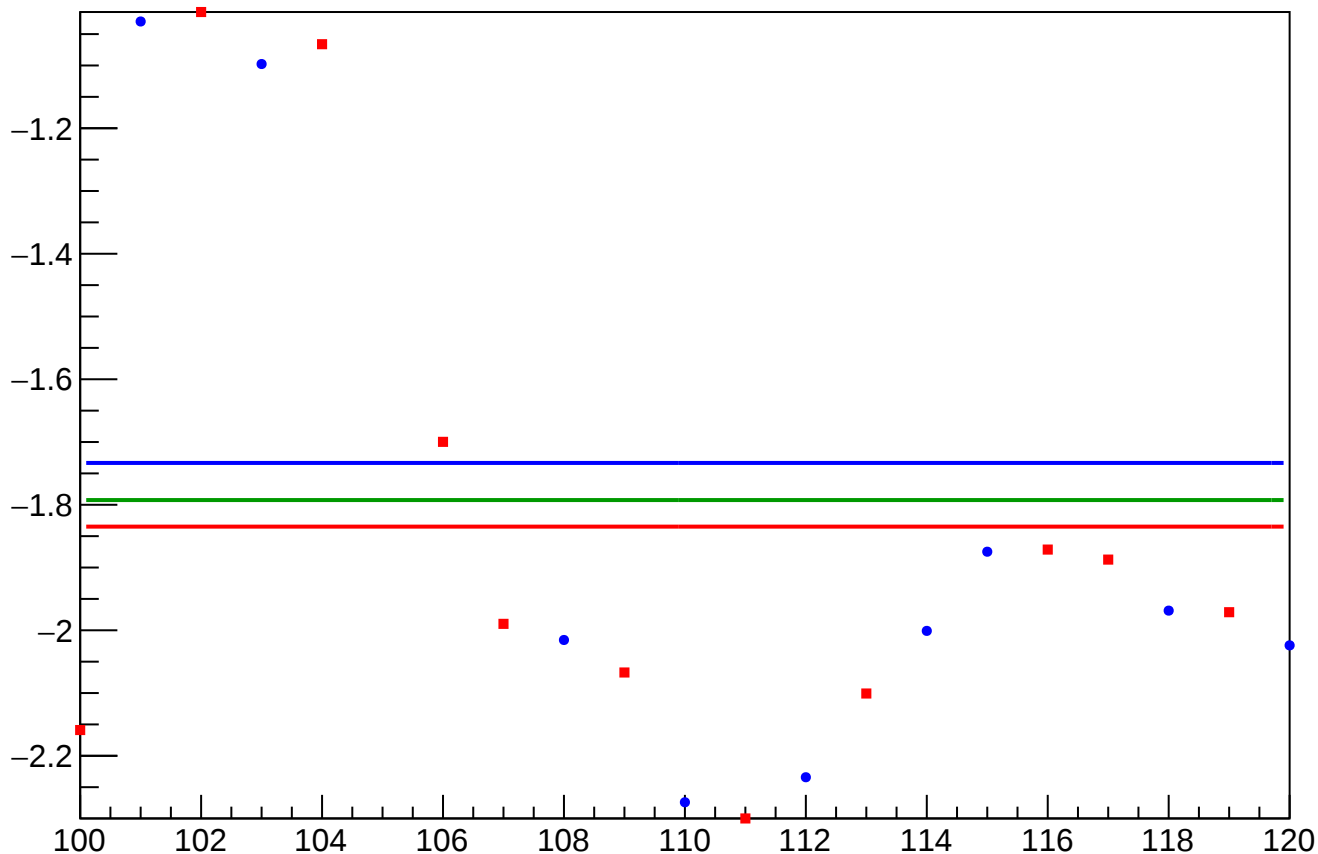
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 143953.2/8

0.005+/-0.000 χ^2/NDF : 365448.0/19

0.005+/-0.000 χ^2/NDF : 216568.7/10

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.733+/-0.000 χ^2/NDF : 15513271654.0/8

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

Right Out: -1.835+/-0.000 χ^2/NDF : 17033612846.3/10

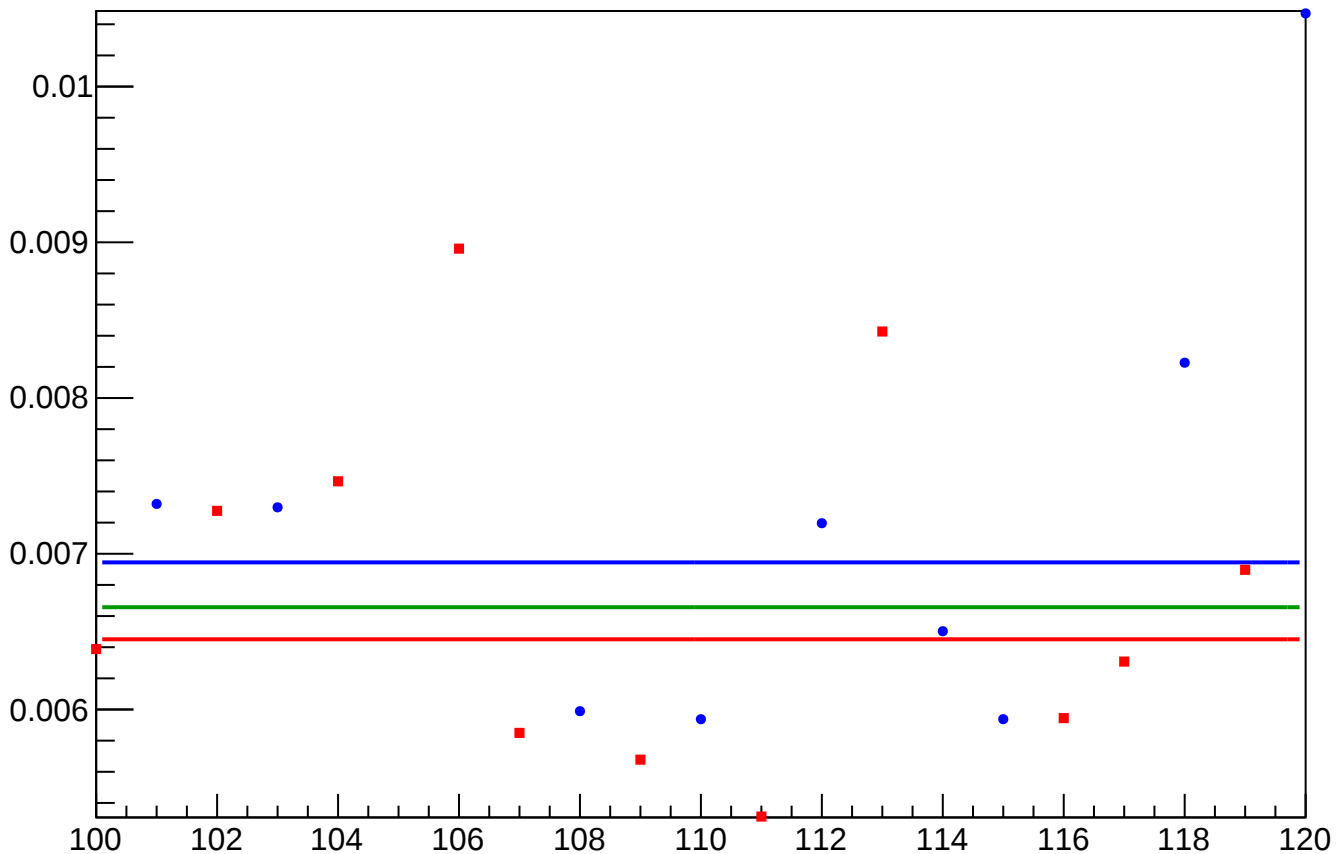
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.733+/-0.000 χ^2/NDF : 15513271654.0/8

-1.792+/-0.000 χ^2/NDF : 32914958526.6/10

-1.835+/-0.000 χ^2/NDF : 17033612846.3/10

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 121907.4/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 177249.4/10

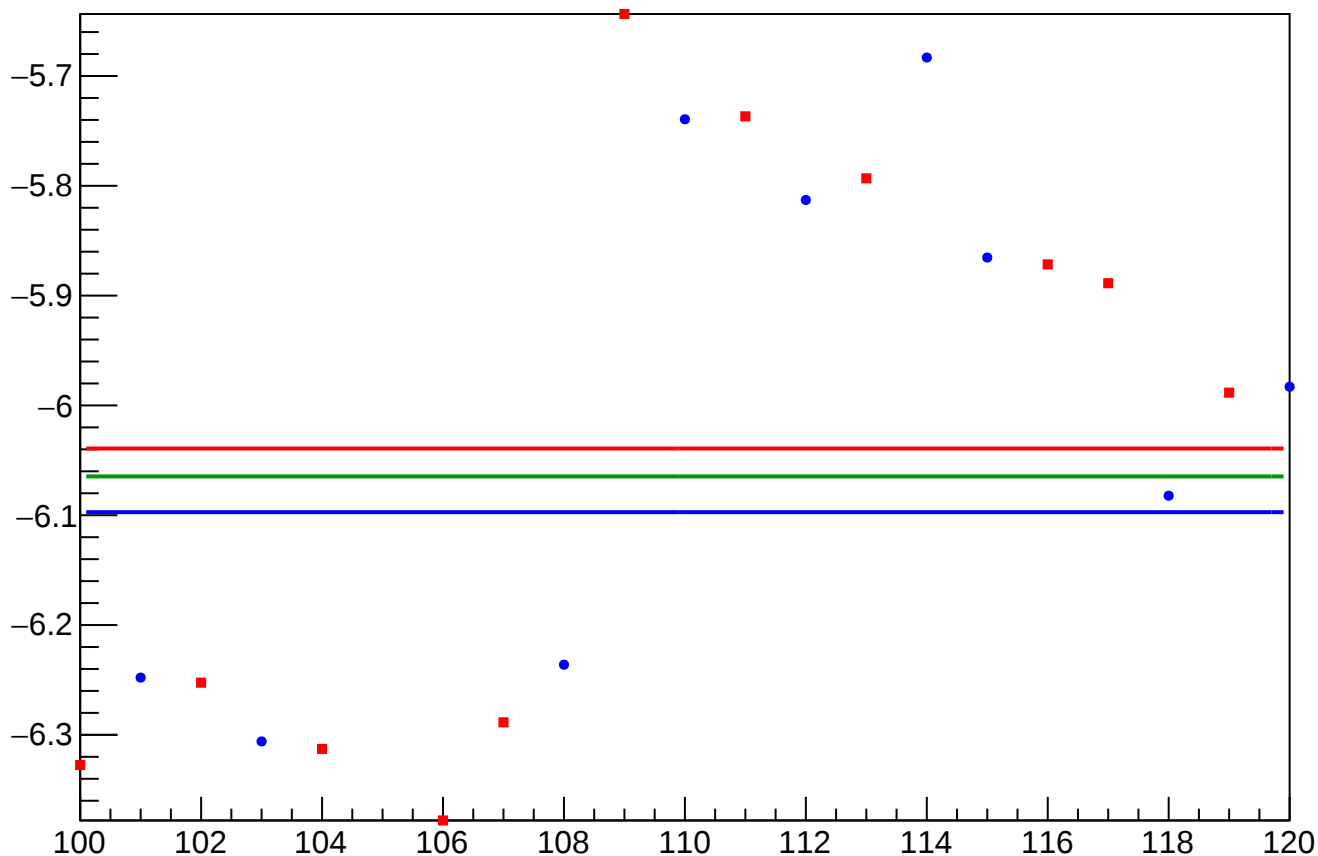
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 121907.4/8

0.007+/-0.000 χ^2/NDF : 316582.1/19

0.006+/-0.000 χ^2/NDF : 177249.4/10

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.097+/-0.000 χ^2/NDF : 4379211472.2/8

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

Right Out: -6.039+/-0.000 χ^2/NDF : 8145115853.4/10

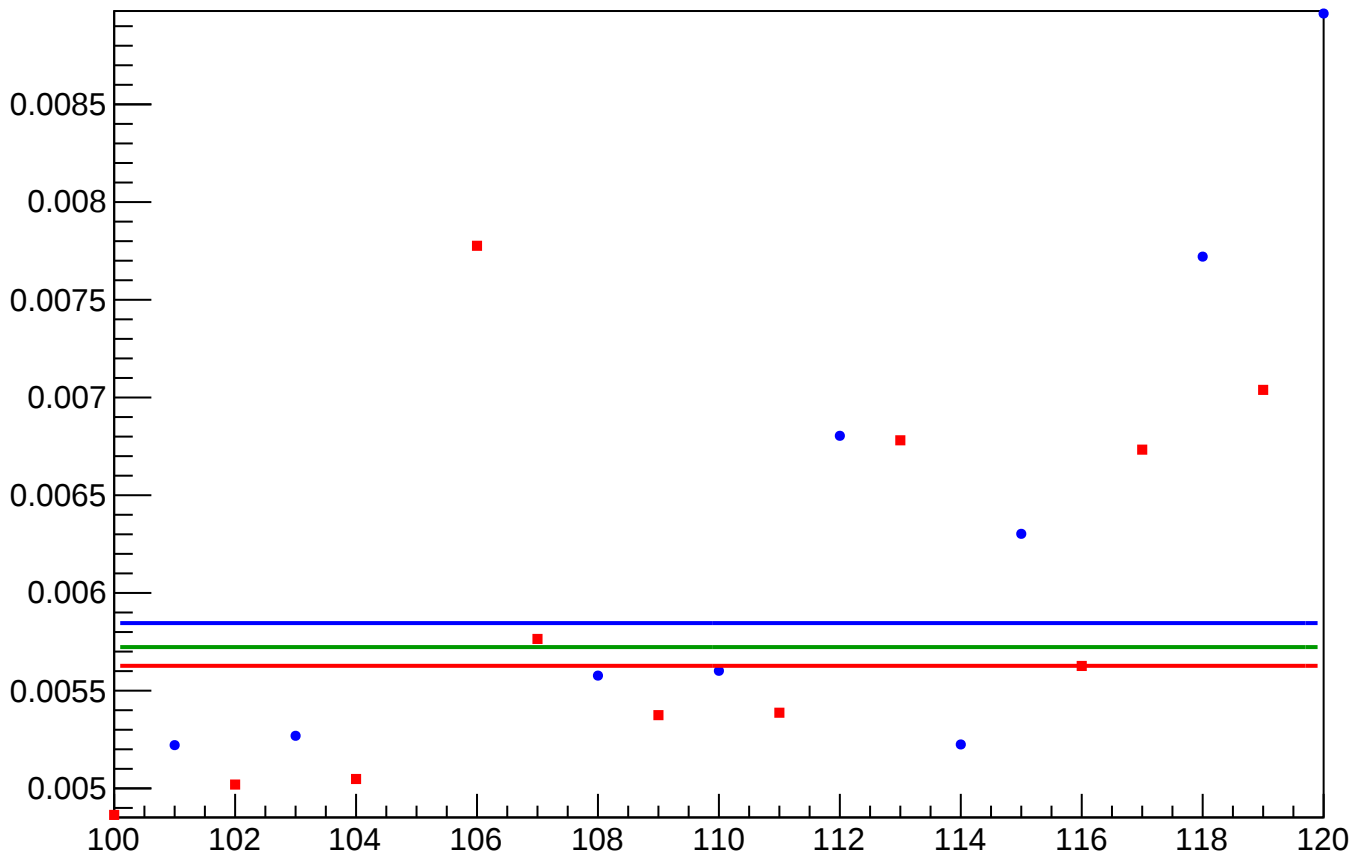
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.097+/-0.000 χ^2/NDF : 4379211472.2/8

-6.065+/-0.000 χ^2/NDF : 12688485267.9/10

-6.039+/-0.000 χ^2/NDF : 8145115853.4/10

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 158903.5/8

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

Right Out: 0.006+/-0.000 χ^2/NDF : 131095.8/10

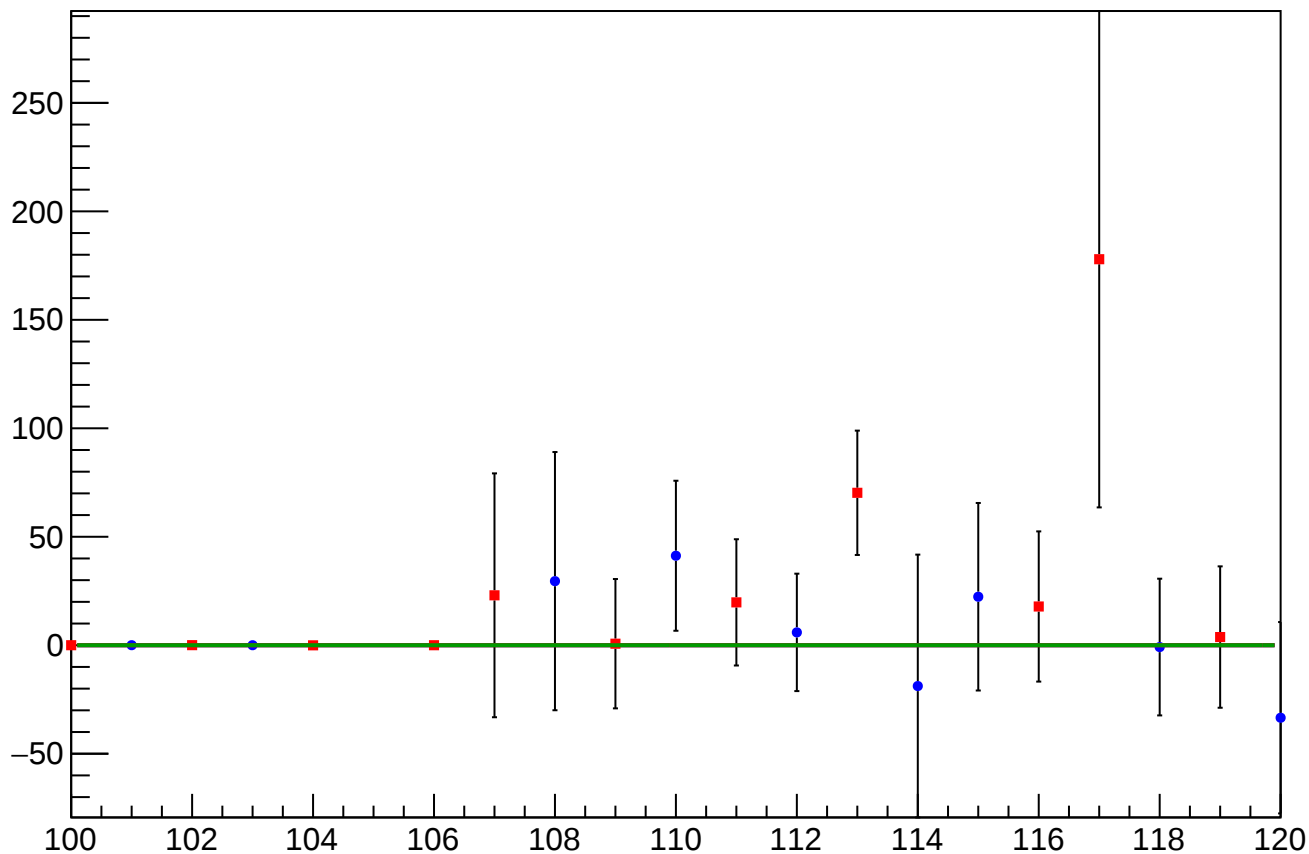
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 158903.5/8

0.006+/-0.000 χ^2/NDF : 294668.8/19

0.006+/-0.000 χ^2/NDF : 131095.8/10

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 2.8/8

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

Right Out: -0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/10

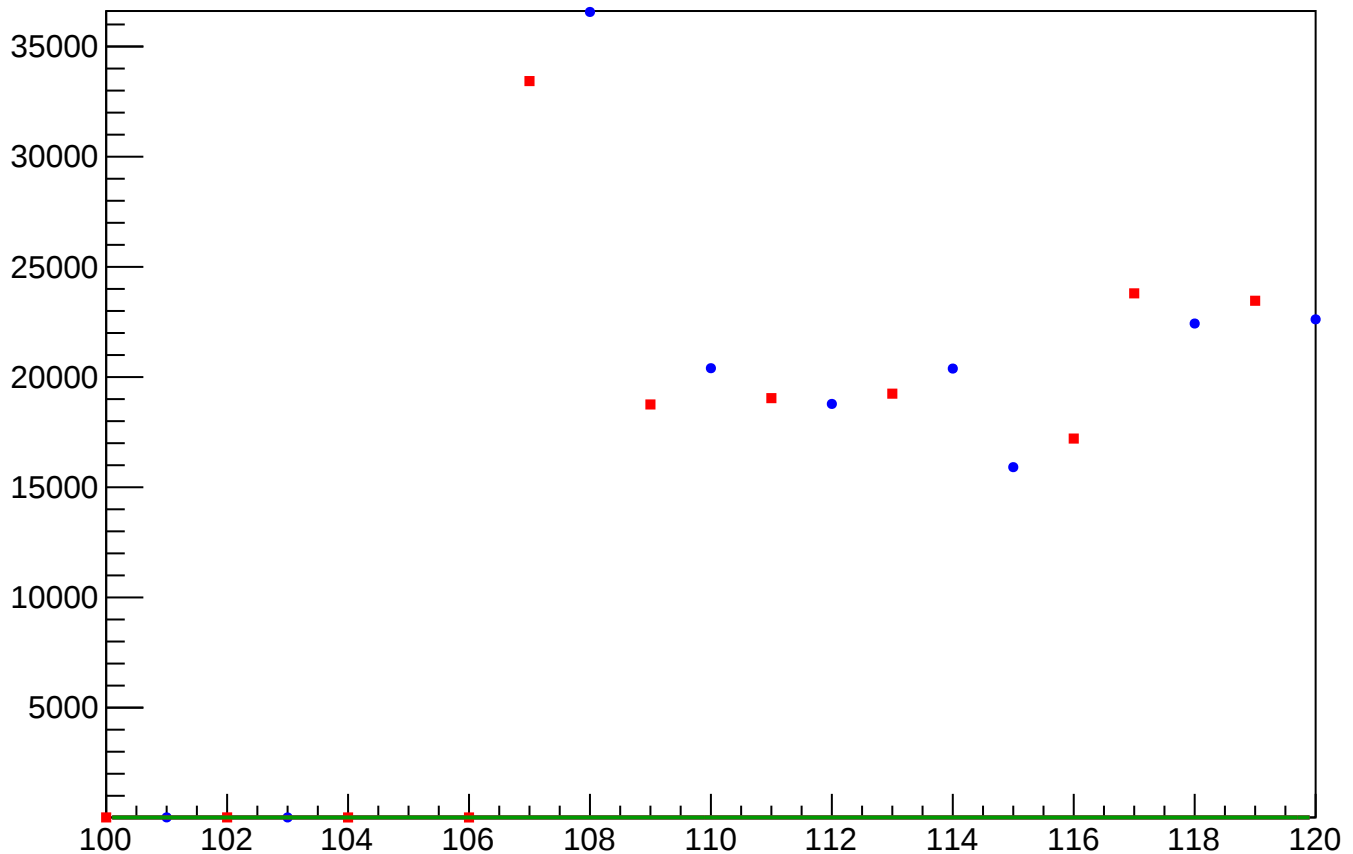
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.013 $\pm$ 0.017 χ^2 /NDF: 2.8/8

0.004 $\pm$ 0.012 χ^2 /NDF: 17.5/19

-0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/10

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18.590+/-0.012 χ^2/NDF : 4456670.1/8

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

Right Out: 18.272+/-0.011 χ^2/NDF : 4879841.4/10

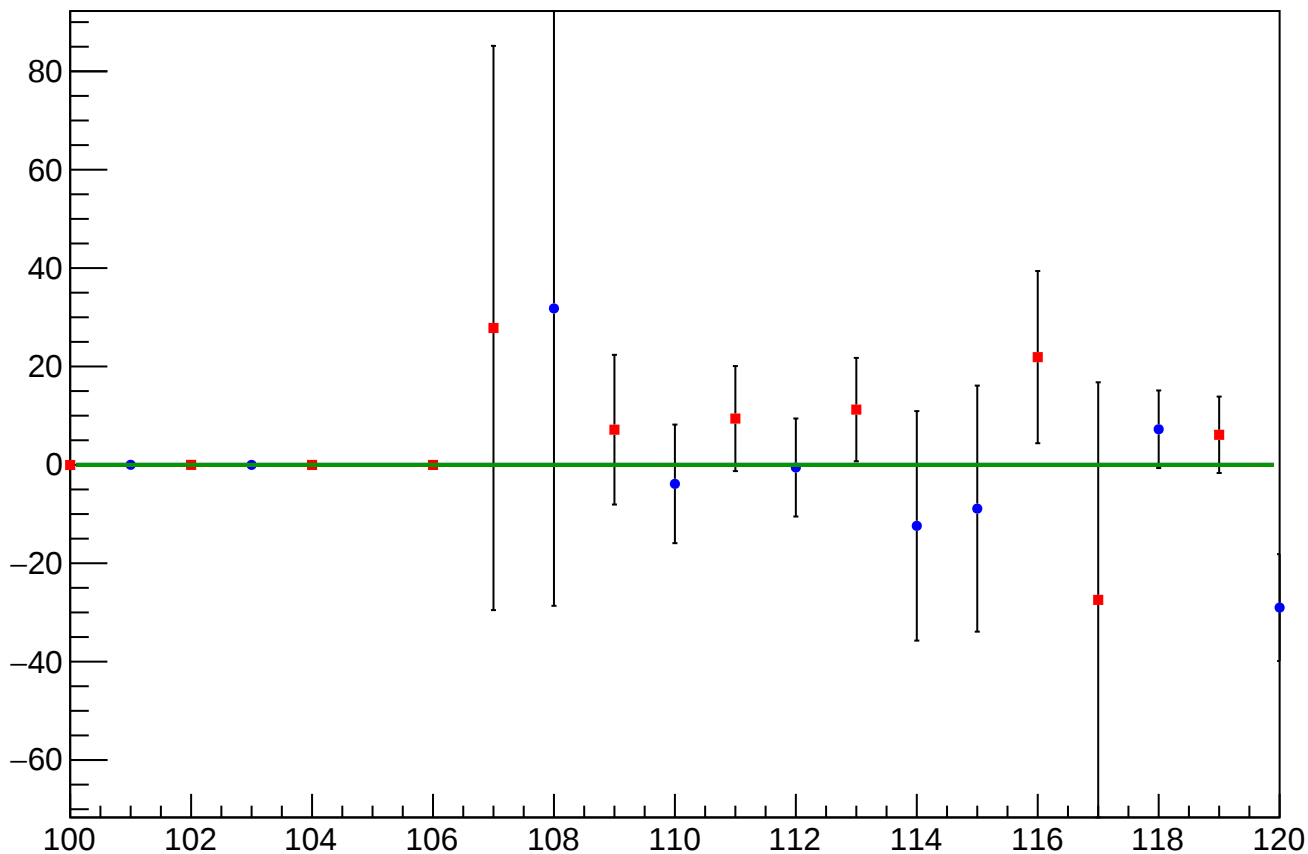
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.590+/-0.012 χ^2/NDF : 4456670.1/8

18.419+/-0.008 χ^2/NDF : 9336875.2/19

18.272+/-0.011 χ^2/NDF : 4879841.4/10

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.009 χ^2/NDF : 9.9/8

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

Right Out: -0.014+/-0.009 χ^2/NDF : 5.7/10

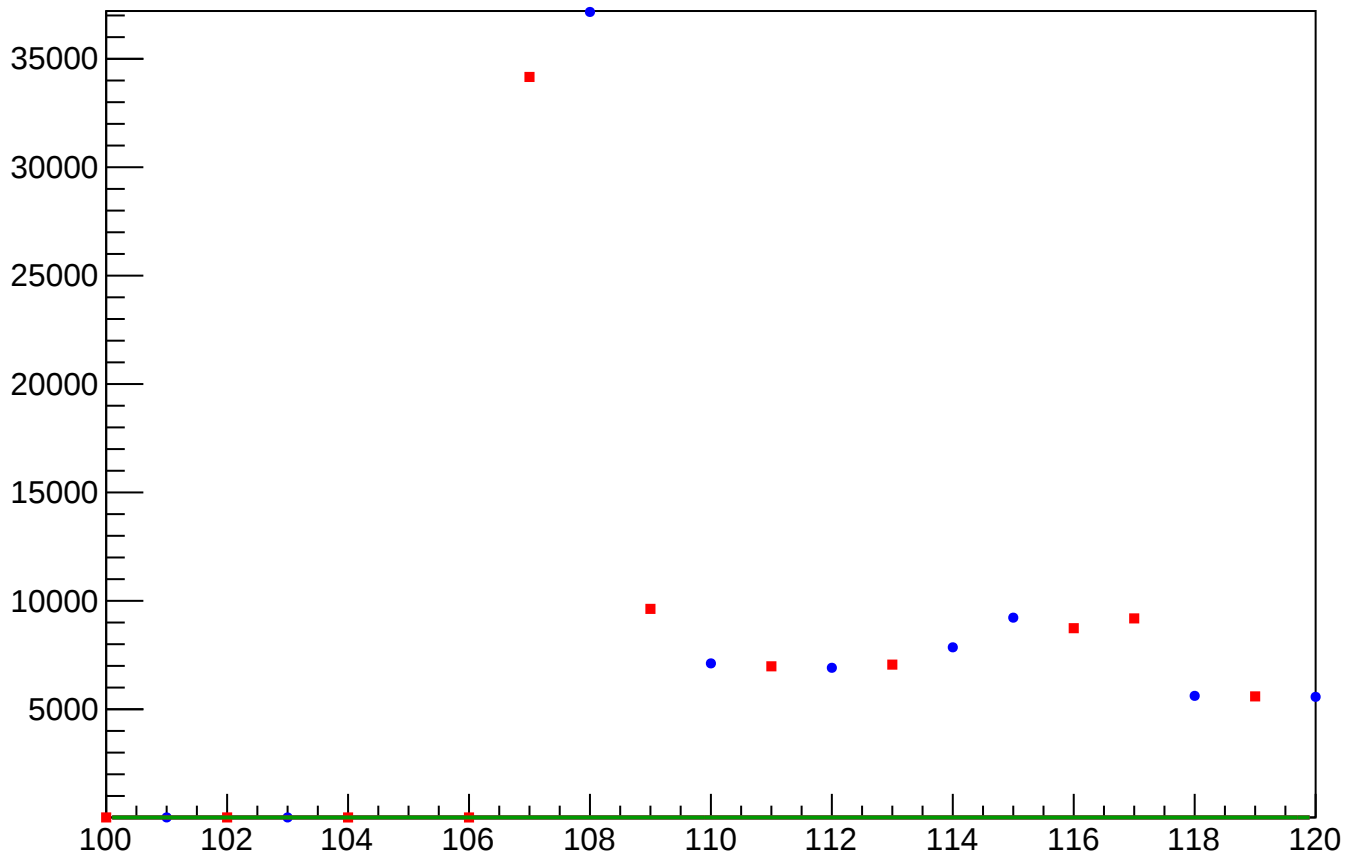
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.009 χ^2/NDF : 9.9/8

-0.007+/-0.006 χ^2/NDF : 16.9/19

-0.014+/-0.009 χ^2/NDF : 5.7/10

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 9.880+/-0.007 χ^2/NDF : 4454789.6/8

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

Right Out: 9.803+/-0.006 χ^2/NDF : 4892076.1/10

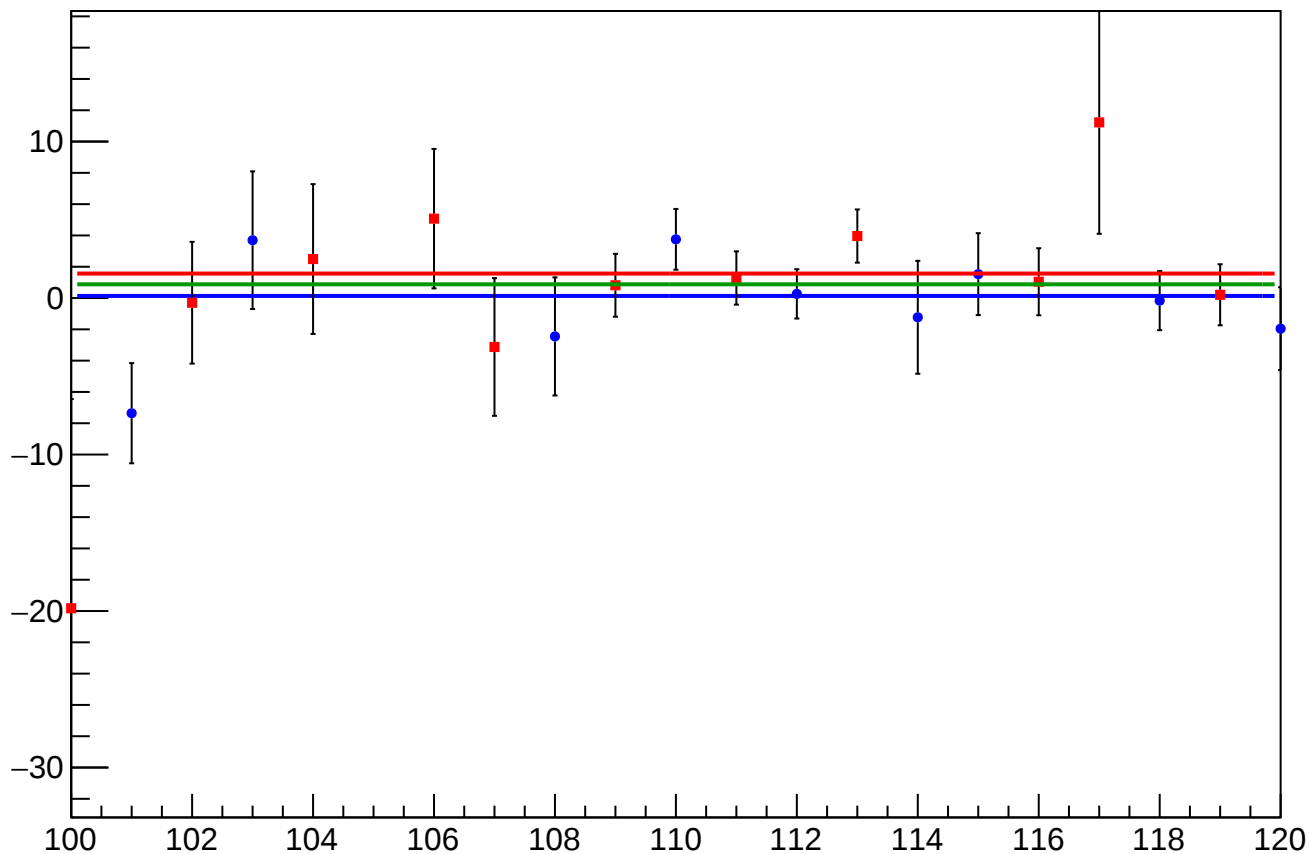
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.880+/-0.007 χ^2/NDF : 4454789.6/8

9.839+/-0.004 χ^2/NDF : 9346939.7/19

9.803+/-0.006 χ^2/NDF : 4892076.1/10

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.135+/-0.807 χ^2/NDF : 11.2/8

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

Right Out: 1.564+/-0.777 χ^2/NDF : 9.1/10

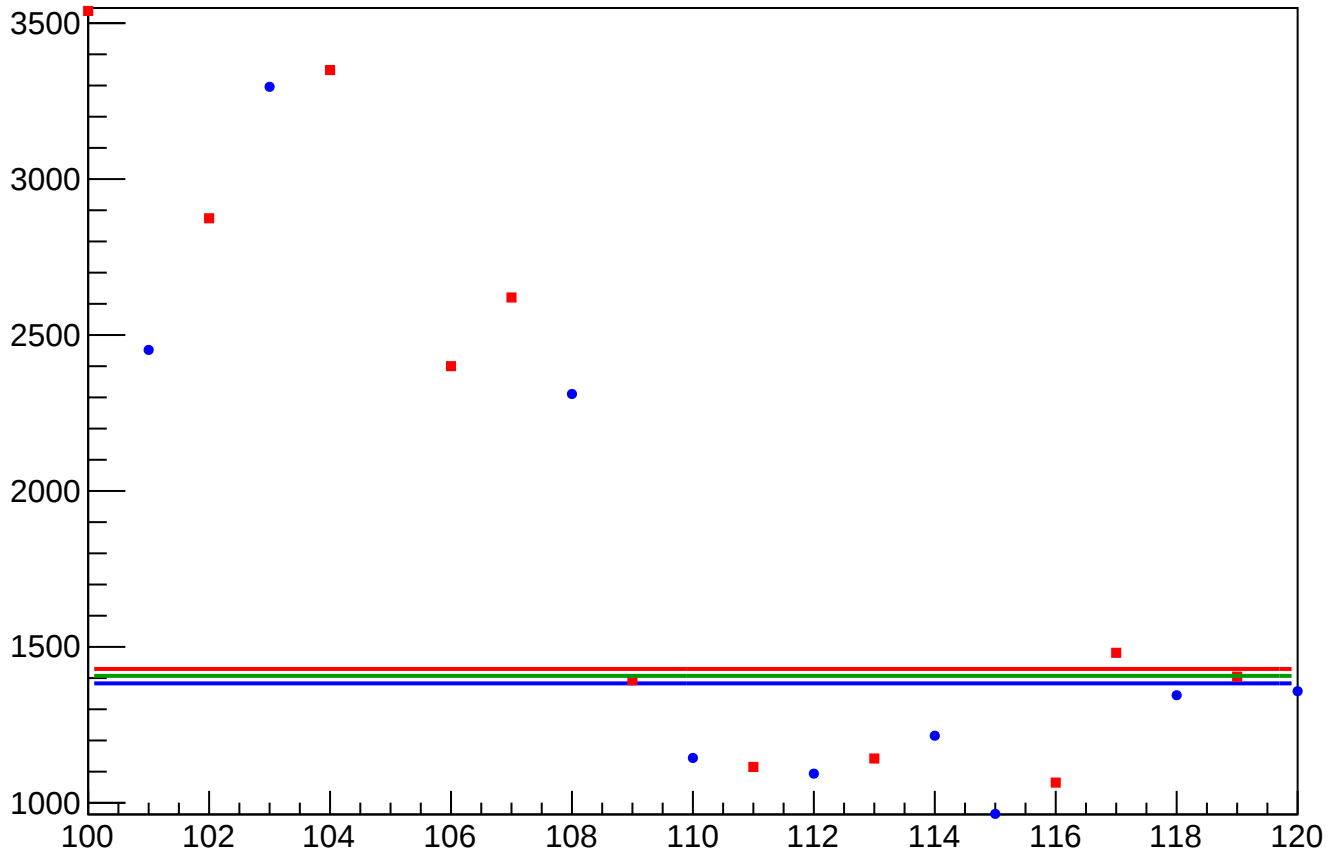
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.135+/-0.807 χ^2/NDF : 11.2/8

0.877+/-0.560 χ^2/NDF : 21.9/19

1.564+/-0.777 χ^2/NDF : 9.1/10

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1383.077+/-0.571 χ^2/NDF : 876540.1/8

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

Right Out: 1429.345+/-0.549 χ^2/NDF : 1073493.6/10

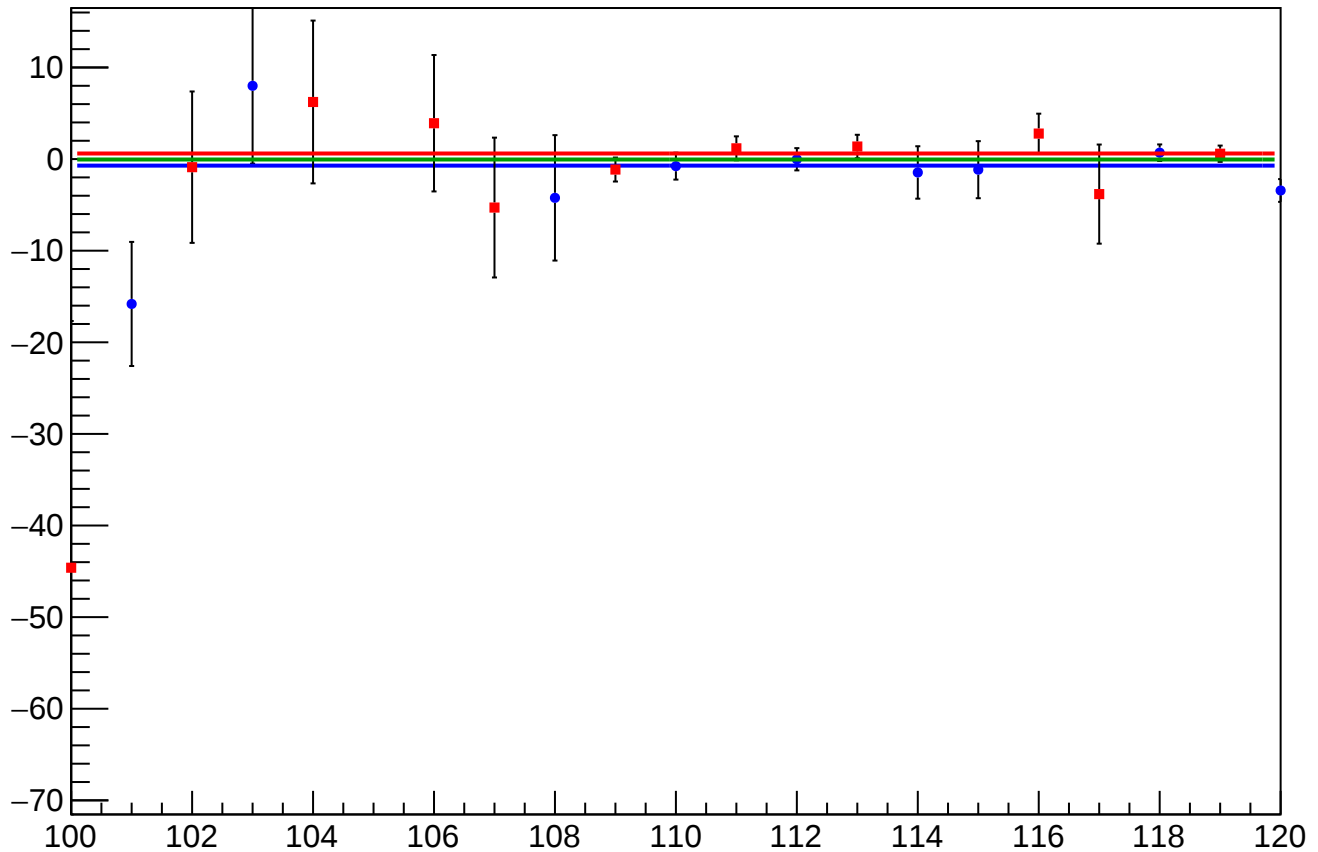
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1383.077+/-0.571 χ^2/NDF : 876540.1/8

1407.101+/-0.396 χ^2/NDF : 1953443.2/19

1429.345+/-0.549 χ^2/NDF : 1073493.6/10

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.713 ± 0.550 χ^2/NDF : 13.9/8

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

Right Out: 0.610 ± 0.546 χ^2/NDF : 8.1/10

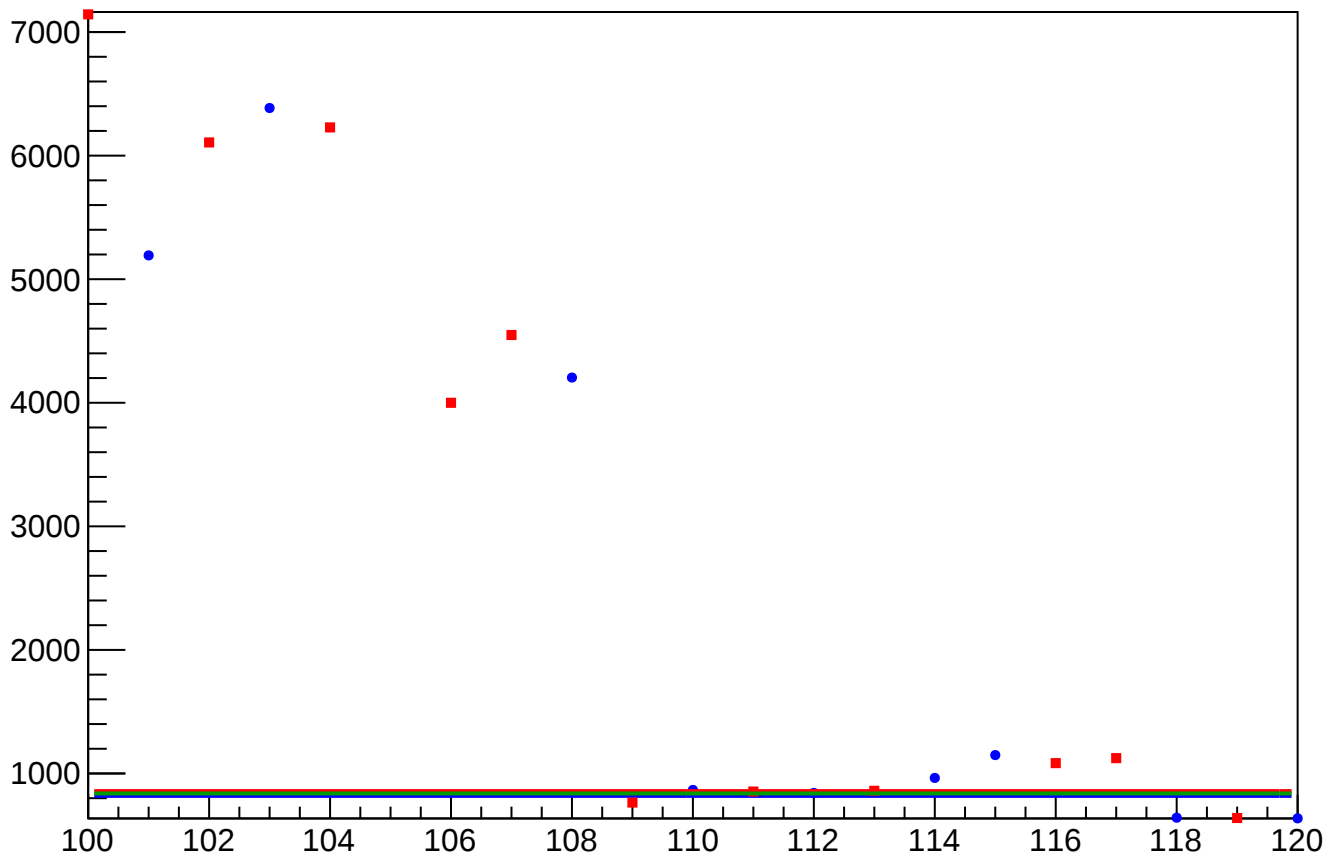
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.713 ± 0.550 χ^2/NDF : 13.9/8

-0.046 ± 0.387 χ^2/NDF : 24.9/19

0.610 ± 0.546 χ^2/NDF : 8.1/10

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 818.741 $\pm$ 0.389 χ^2 /NDF: 2332066.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 857.322 $\pm$ 0.386 χ^2 /NDF: 2627701.8/10

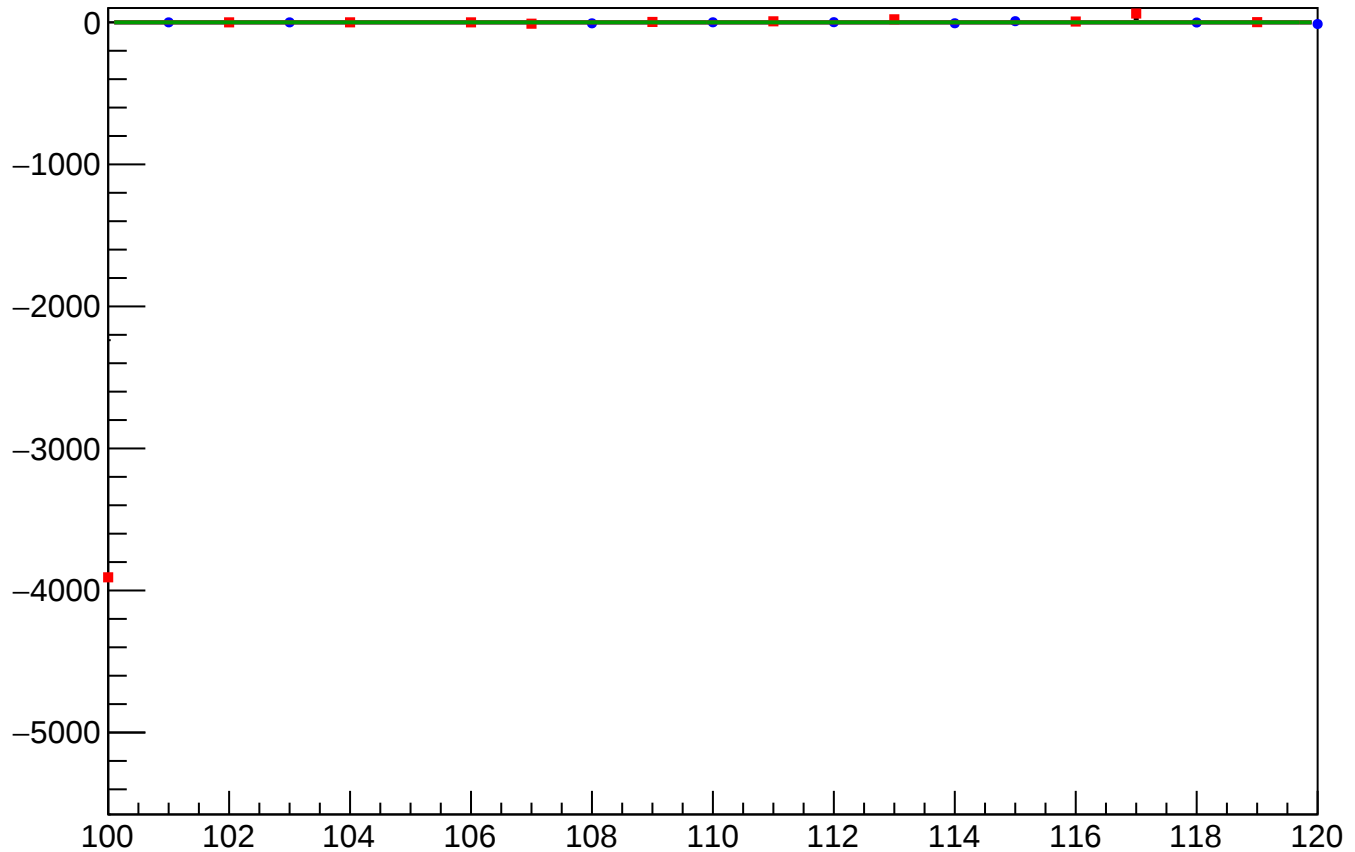
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

818.741 $\pm$ 0.389 χ^2 /NDF: 2332066.2/8

838.196 $\pm$ 0.274 χ^2 /NDF: 4964726.3/19

857.322 $\pm$ 0.386 χ^2 /NDF: 2627701.8/10

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 2.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.020 χ^2/NDF : 16.0/10

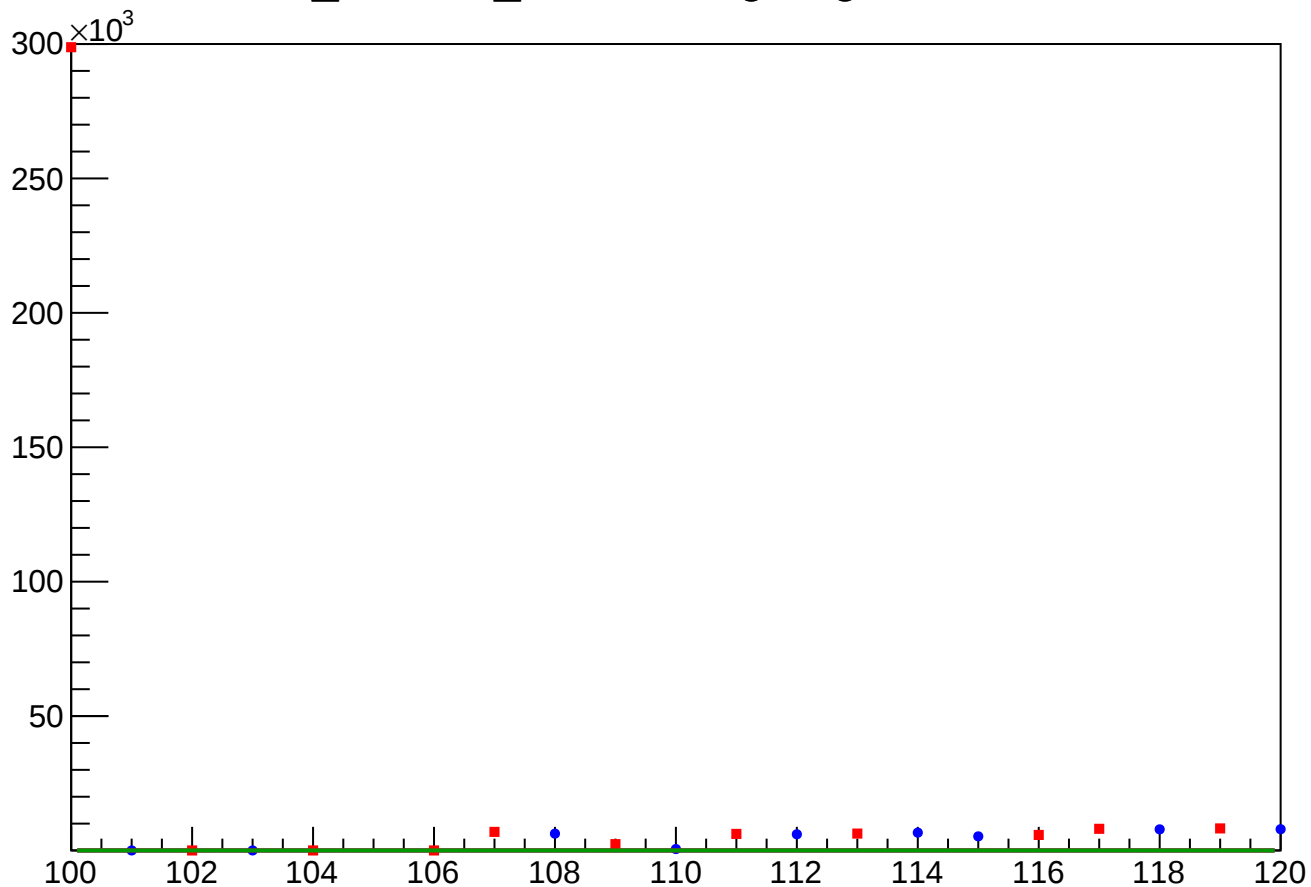
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.021 χ^2/NDF : 2.0/8

0.004+/-0.014 χ^2/NDF : 20.9/19

0.027+/-0.020 χ^2/NDF : 16.0/10

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 17.122 $\pm$ 0.015 χ^2/NDF : 3981684.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 17.090 $\pm$ 0.014 χ^2/NDF : 4609574.4/10

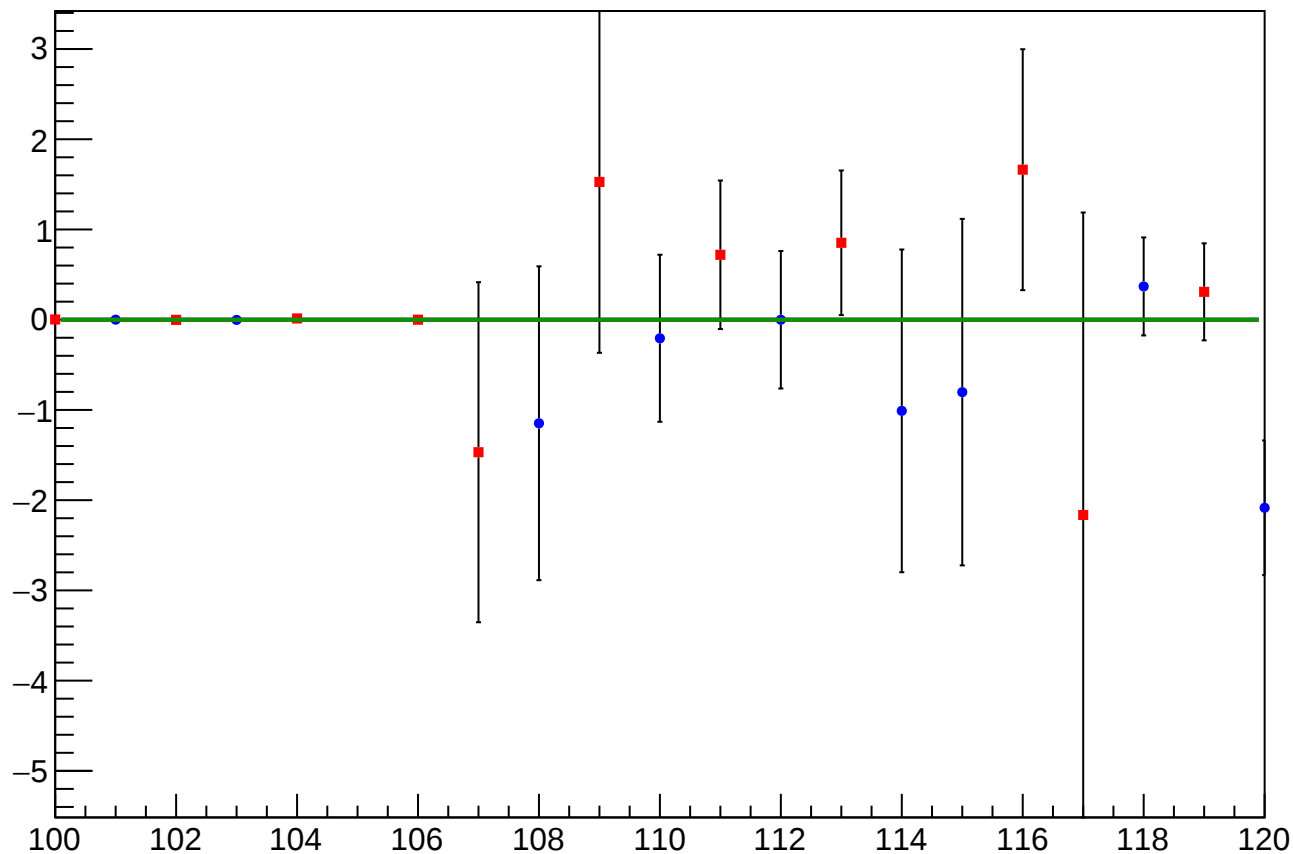
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.122 $\pm$ 0.015 χ^2/NDF : 3981684.1/8

17.105 $\pm$ 0.010 χ^2/NDF : 8591260.9/19

17.090 $\pm$ 0.014 χ^2/NDF : 4609574.4/10

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 6.4/10

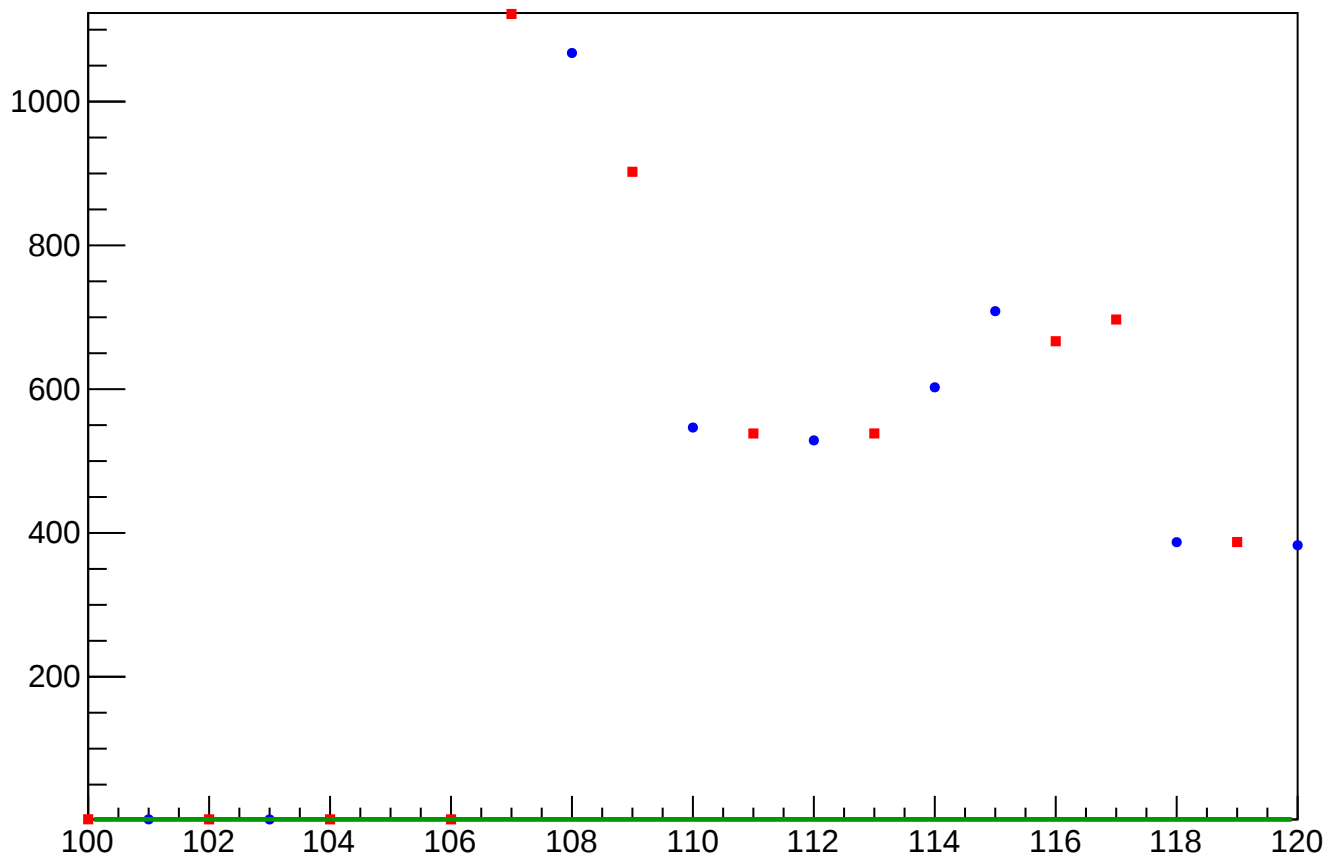
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.000 $\pm$ 0.002 χ^2 /NDF: 9.4/8

-0.000 $\pm$ 0.001 χ^2 /NDF: 16.0/19

-0.001 $\pm$ 0.002 χ^2 /NDF: 6.4/10

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.662 $\pm$ 0.001 χ^2 /NDF: 4428685.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.695 $\pm$ 0.001 χ^2 /NDF: 4517650.8/10

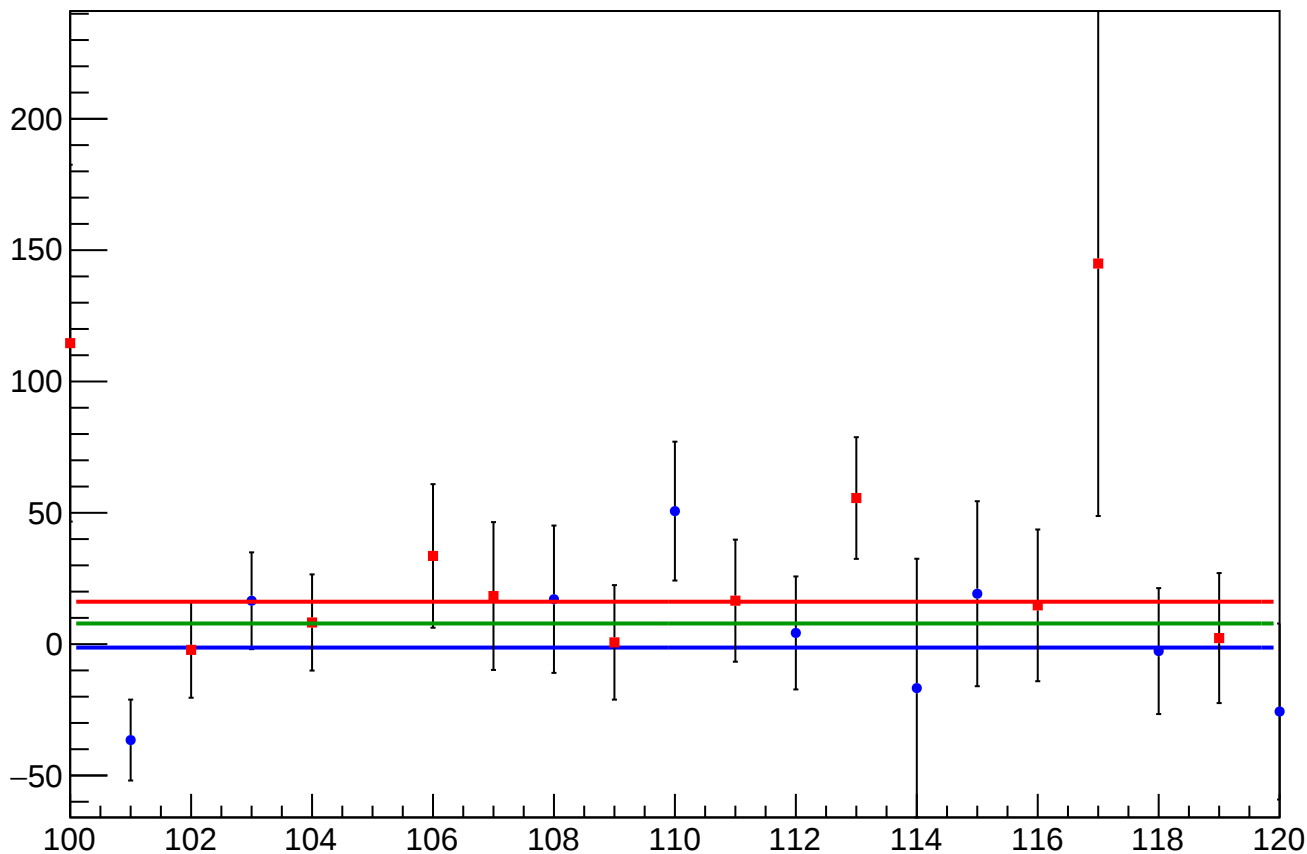
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.662 $\pm$ 0.001 χ^2 /NDF: 4428685.0/8

1.679 $\pm$ 0.001 χ^2 /NDF: 8946602.1/19

1.695 $\pm$ 0.001 χ^2 /NDF: 4517650.8/10

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.302 $\pm$ 7.937 χ^2/NDF : 11.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 16.161 $\pm$ 7.544 χ^2/NDF : 9.2/10

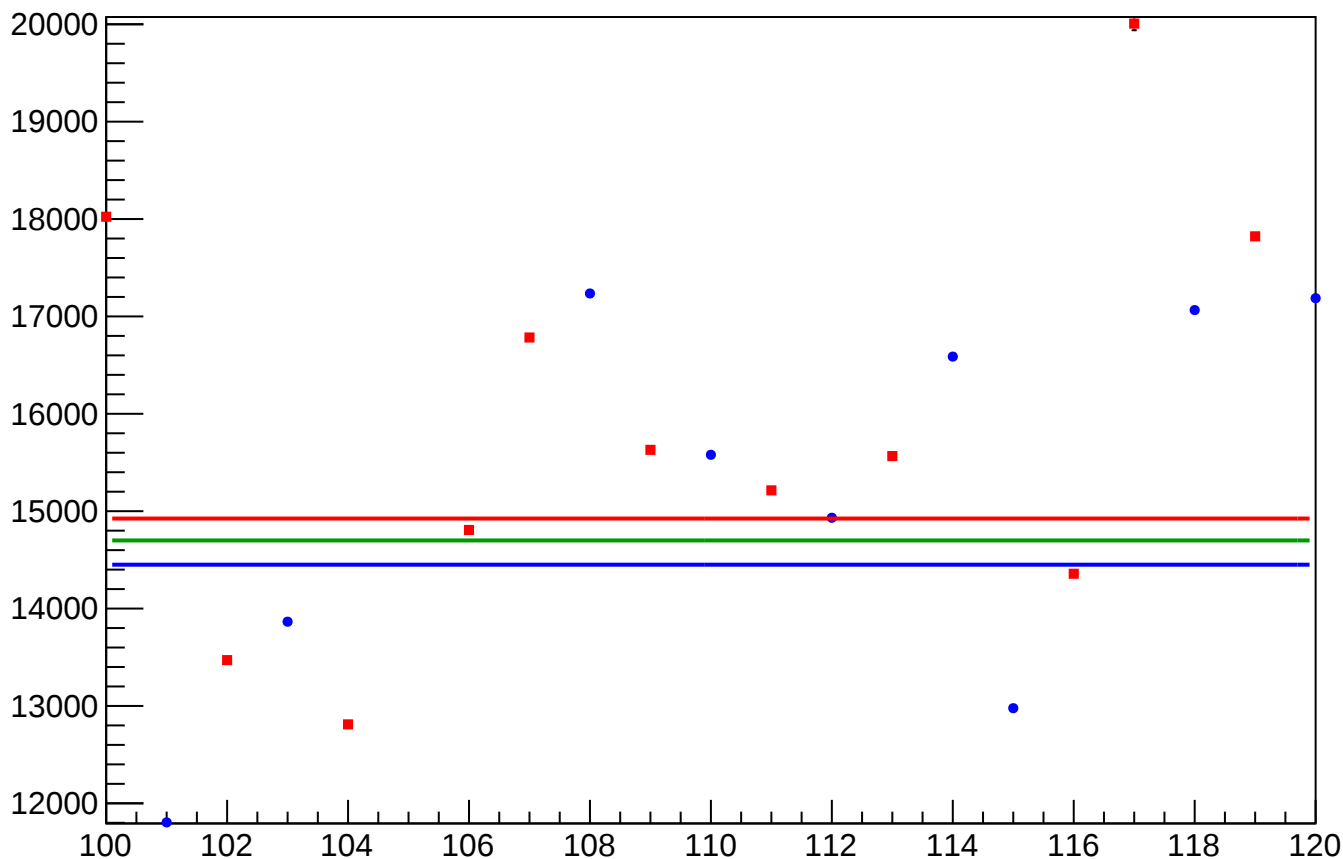
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-1.302 $\pm$ 7.937 χ^2/NDF : 11.5/8

7.872 $\pm$ 5.468 χ^2/NDF : 23.3/19

16.161 $\pm$ 7.544 χ^2/NDF : 9.2/10

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14450.556+/-5.612 χ^2/NDF : 129845.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14924.429+/-5.335 χ^2/NDF : 90019.0/10

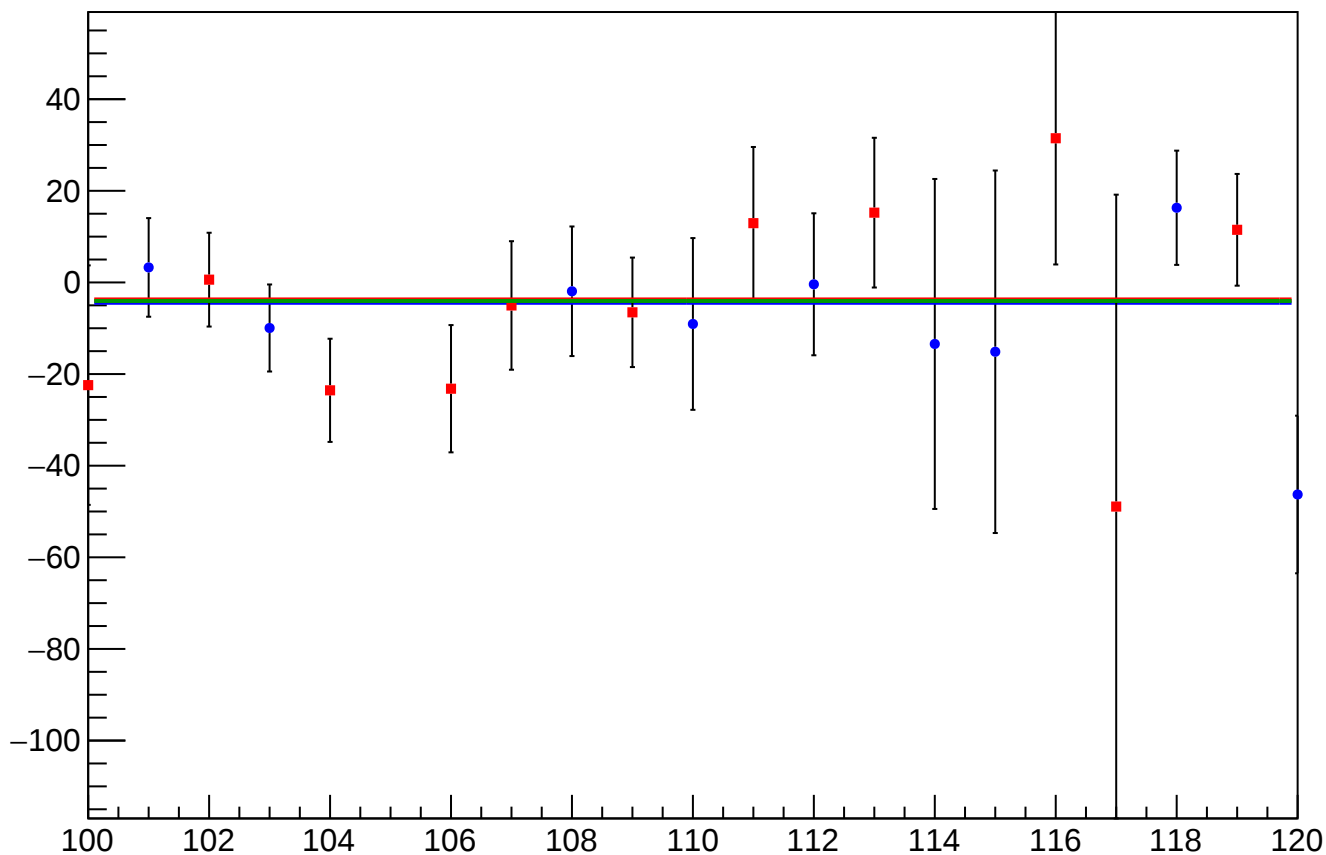
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14450.556+/-5.612 χ^2/NDF : 129845.9/8

14699.501+/-3.867 χ^2/NDF : 223610.4/19

14924.429+/-5.335 χ^2/NDF : 90019.0/10

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.439+/-4.826 χ^2 /NDF: 9.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.713+/-4.395 χ^2 /NDF: 11.8/10

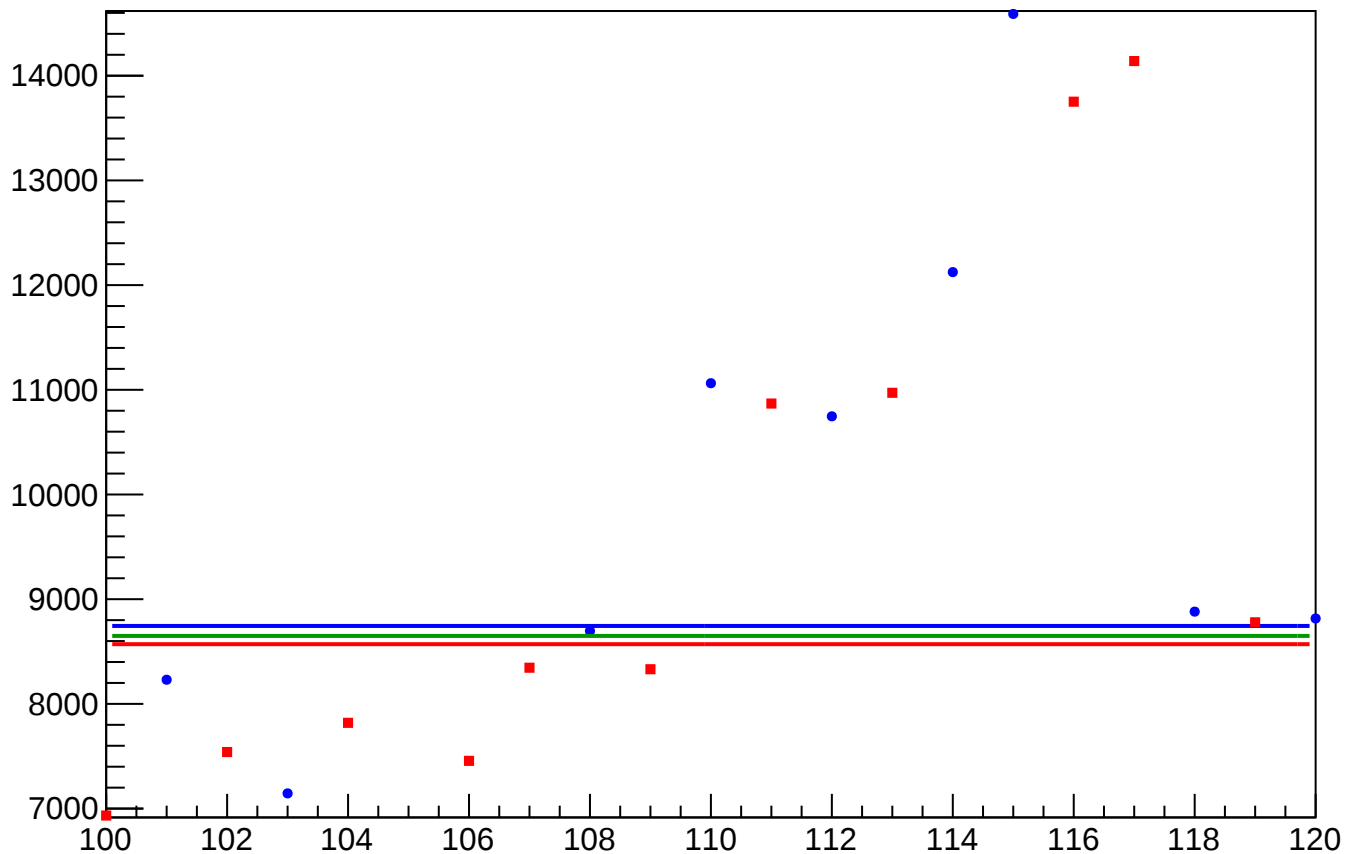
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.439+/-4.826 χ^2 /NDF: 9.8/8

-4.042+/-3.249 χ^2 /NDF: 21.6/19

-3.713+/-4.395 χ^2 /NDF: 11.8/10

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8744.517+/-3.412 χ^2/NDF : 186796.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8570.243+/-3.108 χ^2/NDF : 217268.5/10

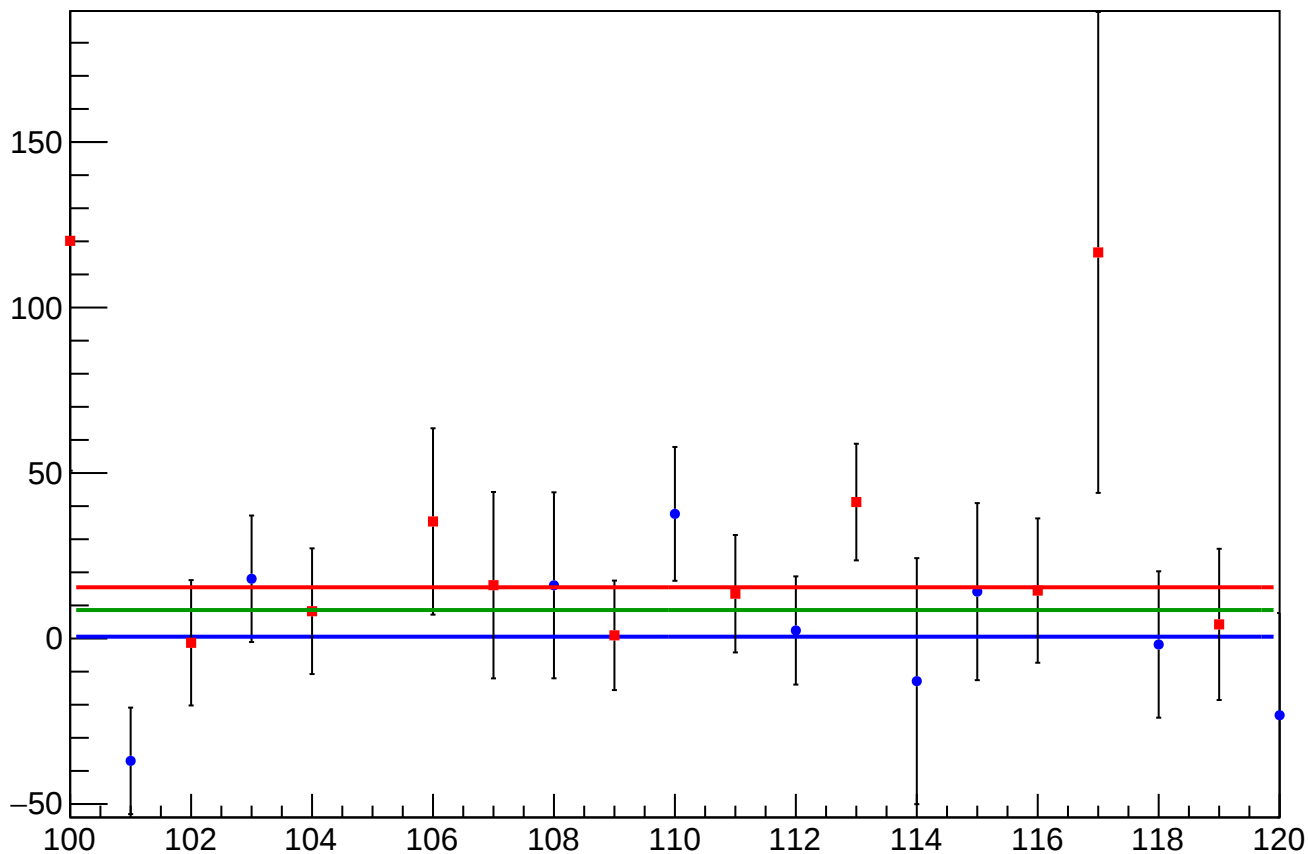
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8744.517+/-3.412 χ^2/NDF : 186796.5/8

8649.256+/-2.298 χ^2/NDF : 405490.8/19

8570.243+/-3.108 χ^2/NDF : 217268.5/10

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.556 $\pm$ 7.203 χ^2 /NDF: 11.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.486 $\pm$ 6.658 χ^2 /NDF: 8.8/10

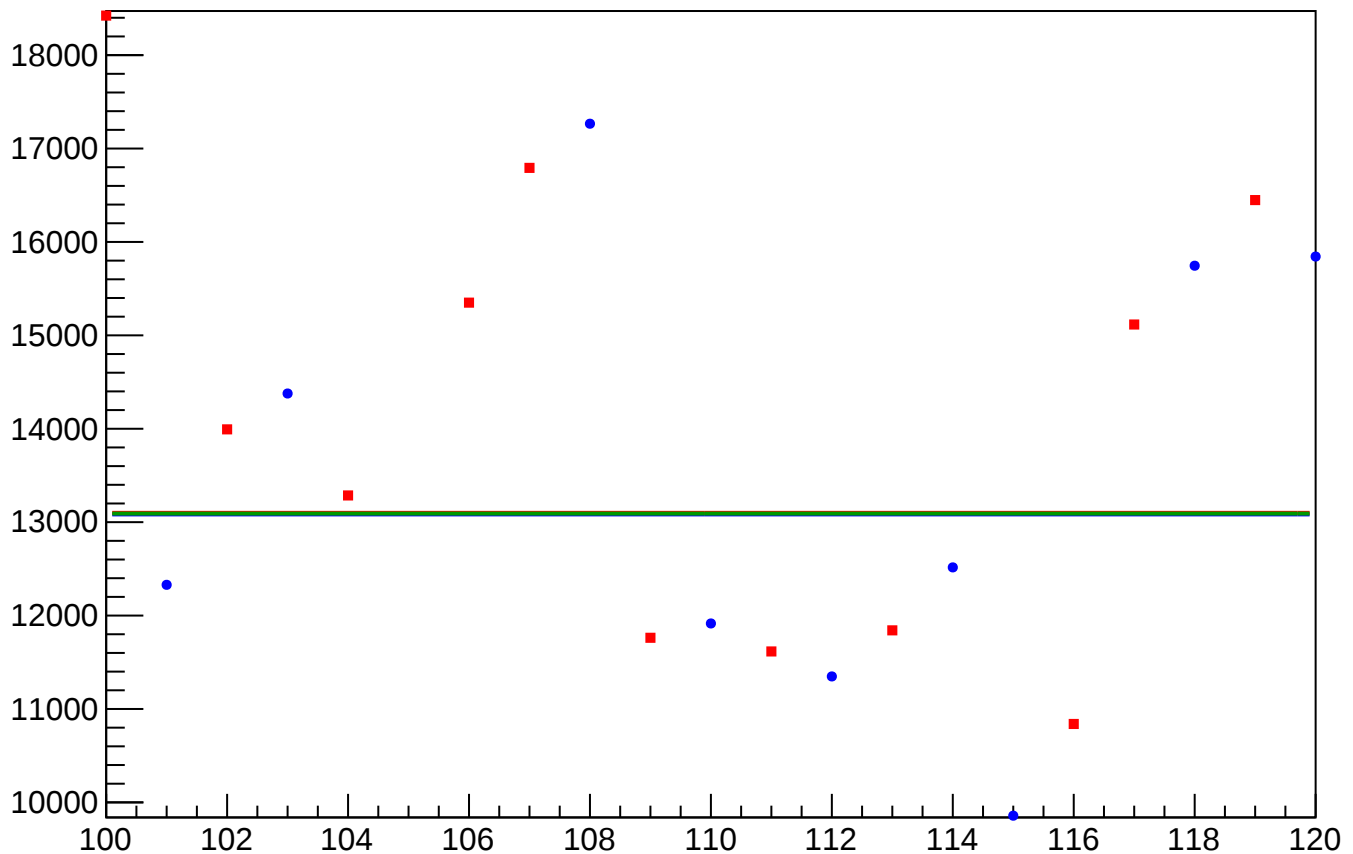
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.556 $\pm$ 7.203 χ^2 /NDF: 11.0/8

8.607 $\pm$ 4.889 χ^2 /NDF: 22.1/19

15.486 $\pm$ 6.658 χ^2 /NDF: 8.8/10

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13083.117+/-5.093 χ^2/NDF : 161605.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13099.790+/-4.708 χ^2/NDF : 166858.5/10

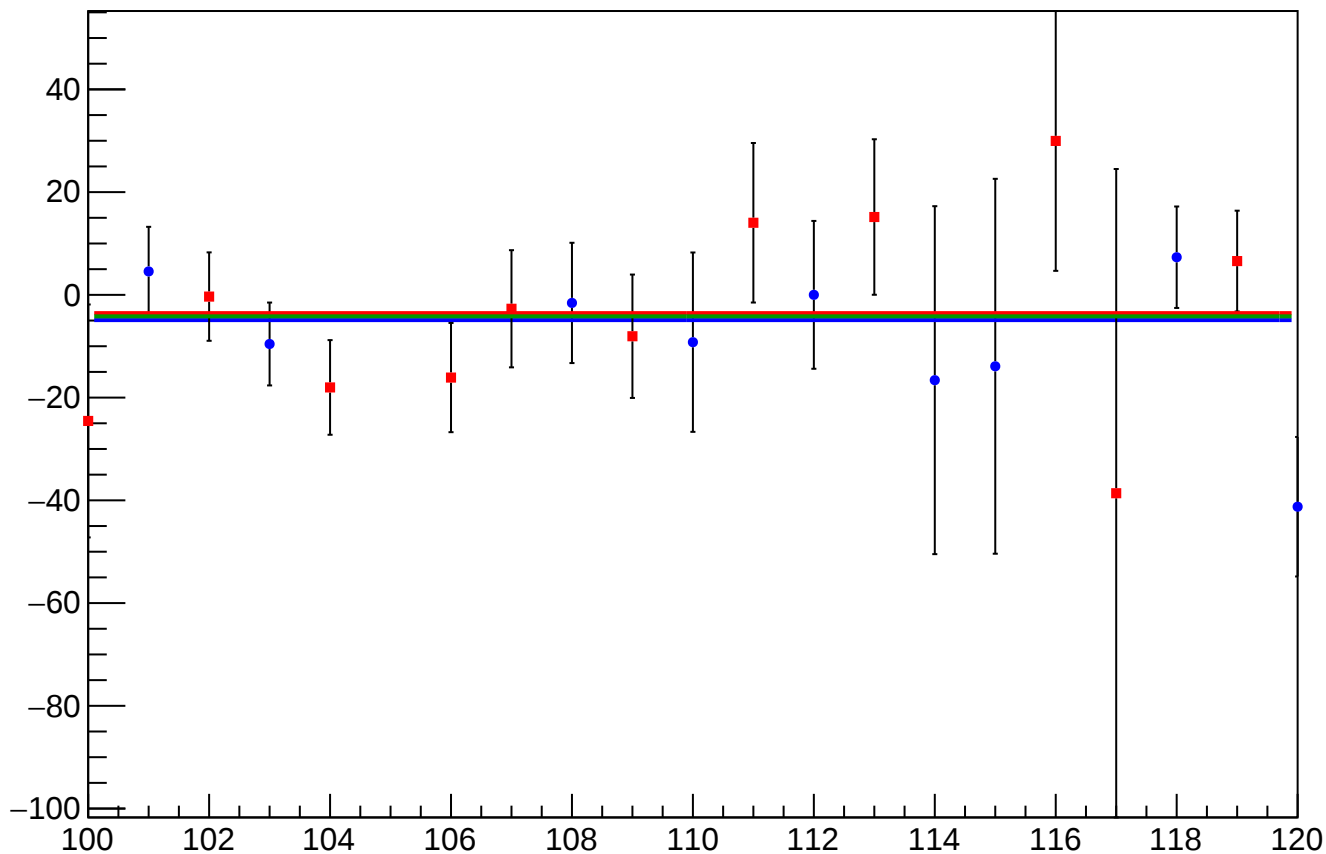
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13083.117+/-5.093 χ^2/NDF : 161605.8/8

13092.108+/-3.457 χ^2/NDF : 328470.1/19

13099.790+/-4.708 χ^2/NDF : 166858.5/10

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.915+/-4.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.555+/-3.742 χ^2/NDF : 10.9/10

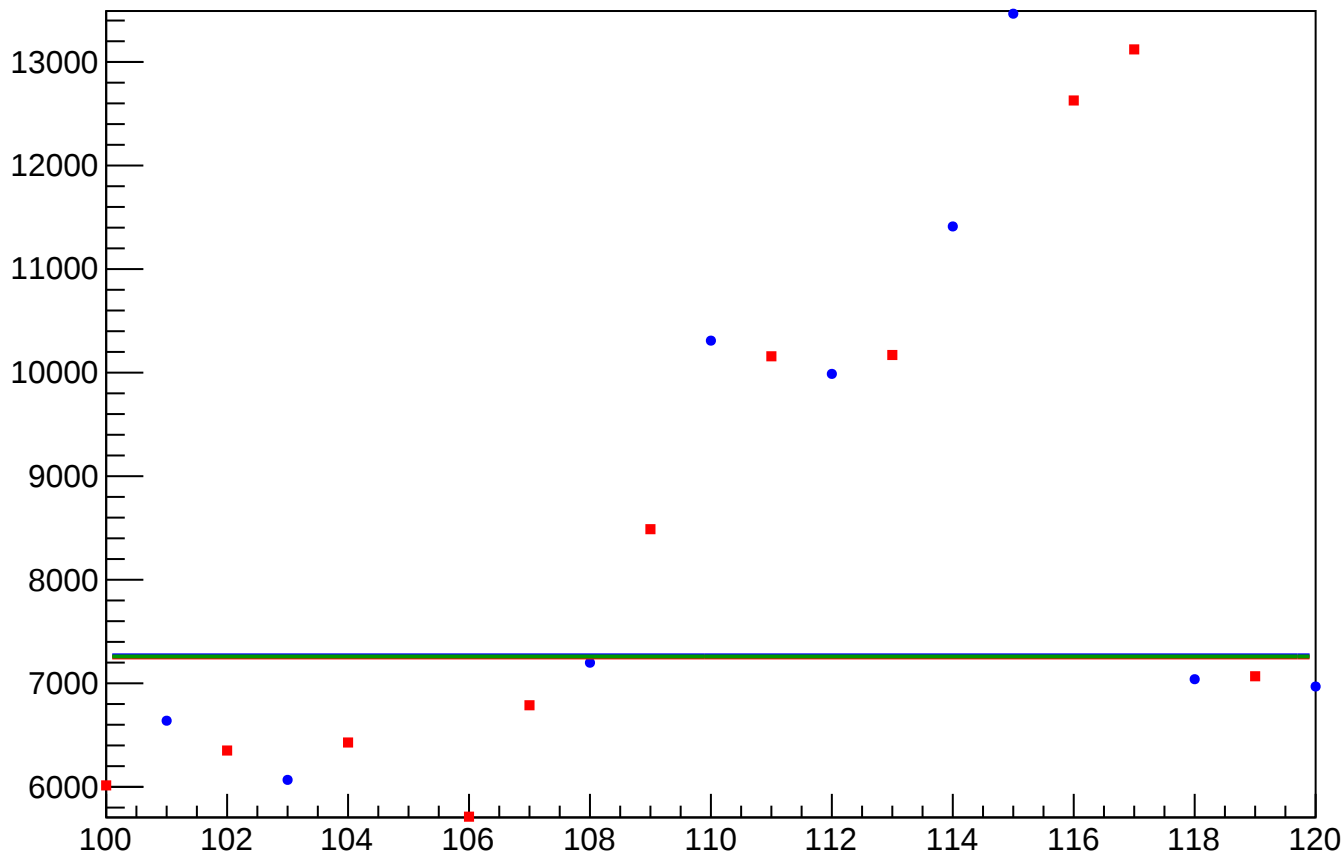
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.915+/-4.038 χ^2/NDF : 10.7/8

-4.183+/-2.745 χ^2/NDF : 21.7/19

-3.555+/-3.742 χ^2/NDF : 10.9/10

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7270.002 $\pm$ 2.855 χ^2 /NDF: 276682.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7250.020 $\pm$ 2.646 χ^2 /NDF: 363111.9/10

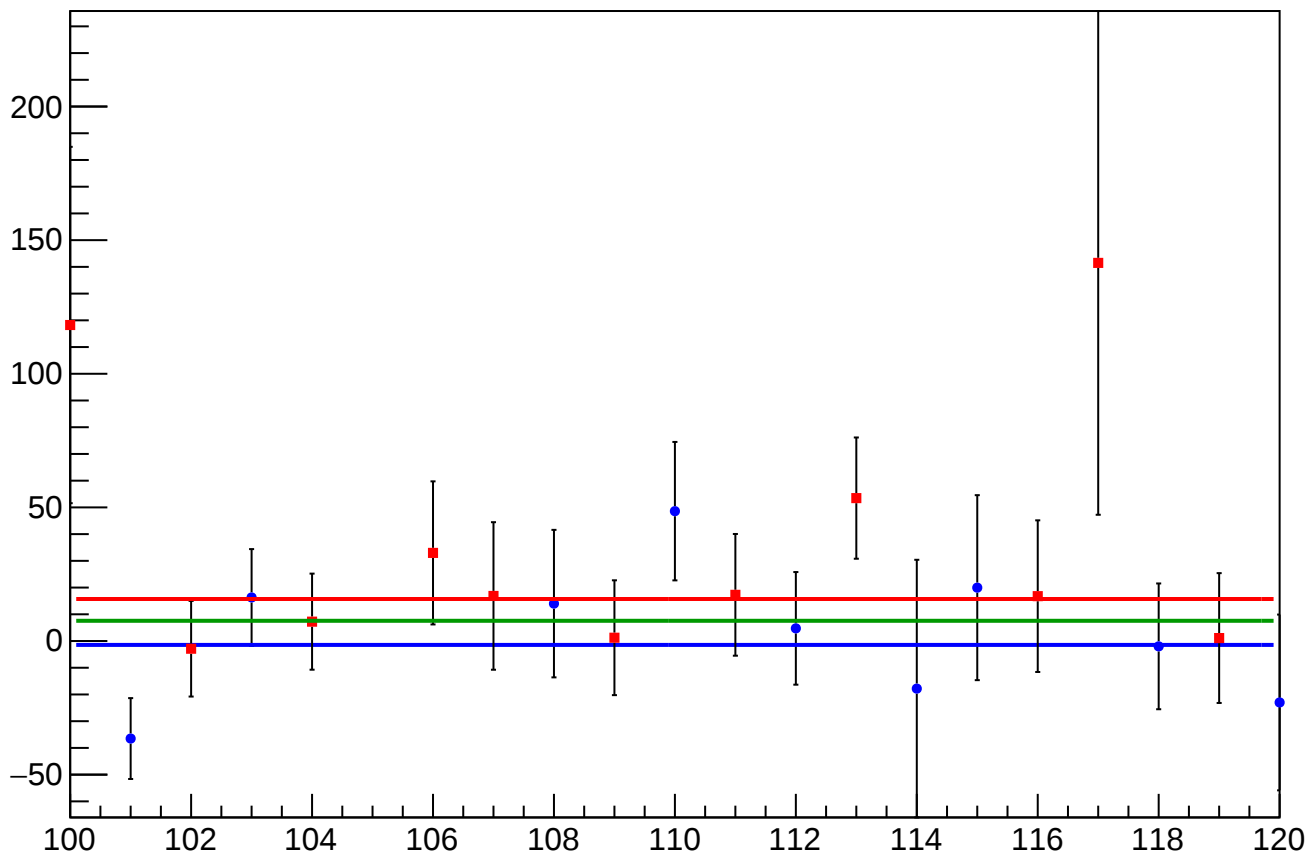
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7270.002 $\pm$ 2.855 χ^2 /NDF: 276682.0/8

7259.252 $\pm$ 1.941 χ^2 /NDF: 639820.2/19

7250.020 $\pm$ 2.646 χ^2 /NDF: 363111.9/10

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.457+/-7.791 χ^2/NDF : 11.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.723+/-7.405 χ^2/NDF : 9.5/10

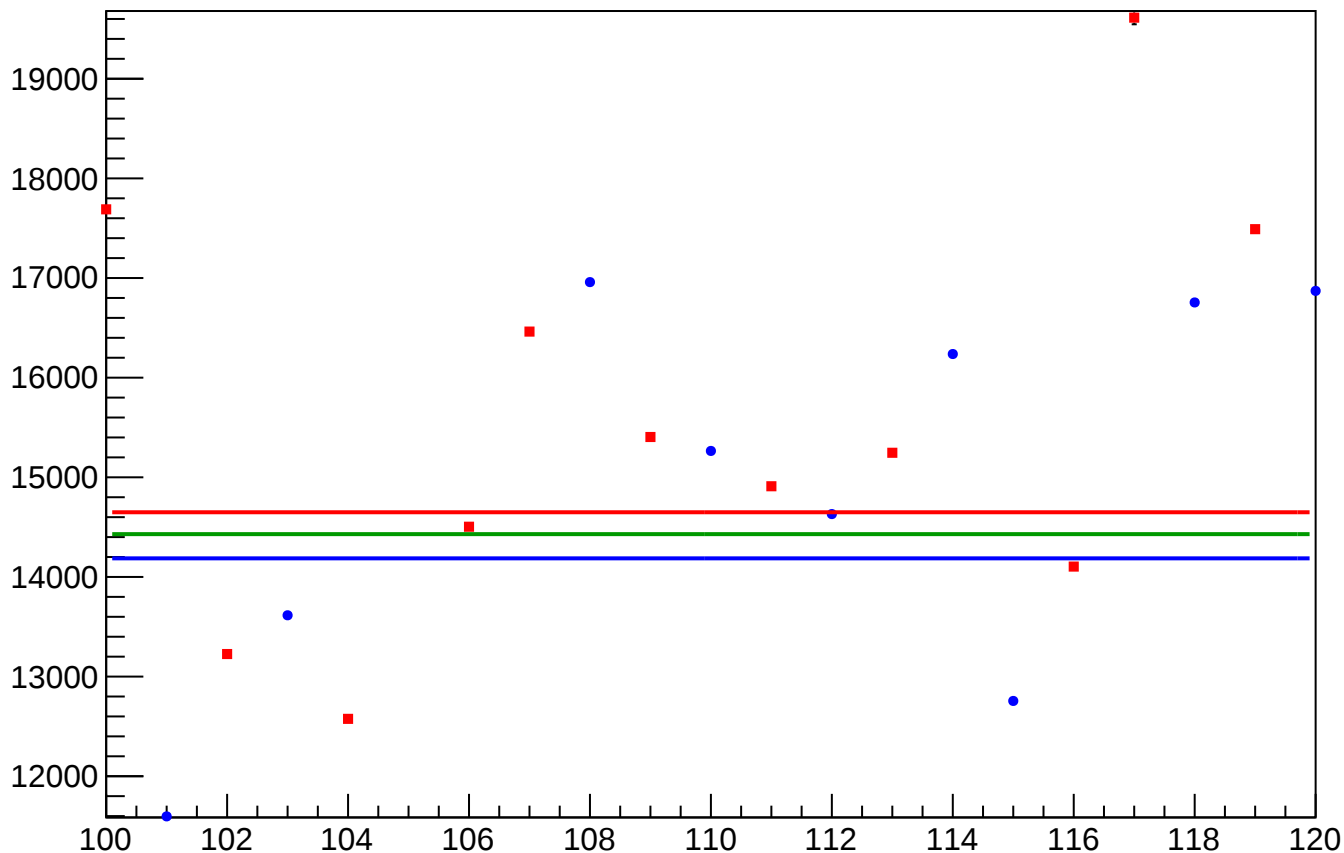
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.457+/-7.791 χ^2/NDF : 11.4/8

7.570+/-5.368 χ^2/NDF : 23.4/19

15.723+/-7.405 χ^2/NDF : 9.5/10

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14186.627+/-5.509 χ^2/NDF : 129301.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14649.206+/-5.236 χ^2/NDF : 89866.3/10

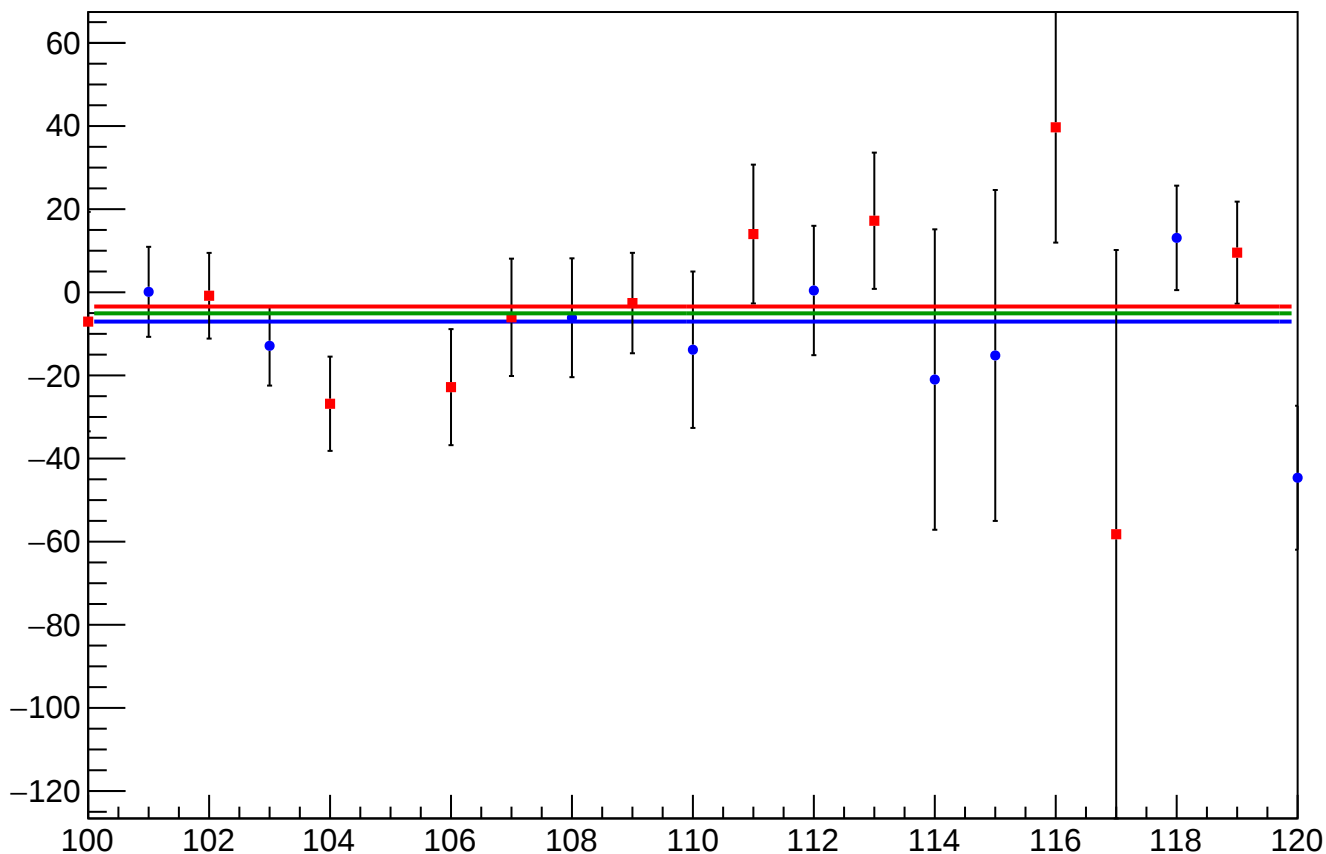
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14186.627+/-5.509 χ^2/NDF : 129301.9/8

14429.673+/-3.795 χ^2/NDF : 222872.2/19

14649.206+/-5.236 χ^2/NDF : 89866.3/10

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.046+/-4.859 χ^2 /NDF: 8.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.423+/-4.425 χ^2 /NDF: 13.2/10

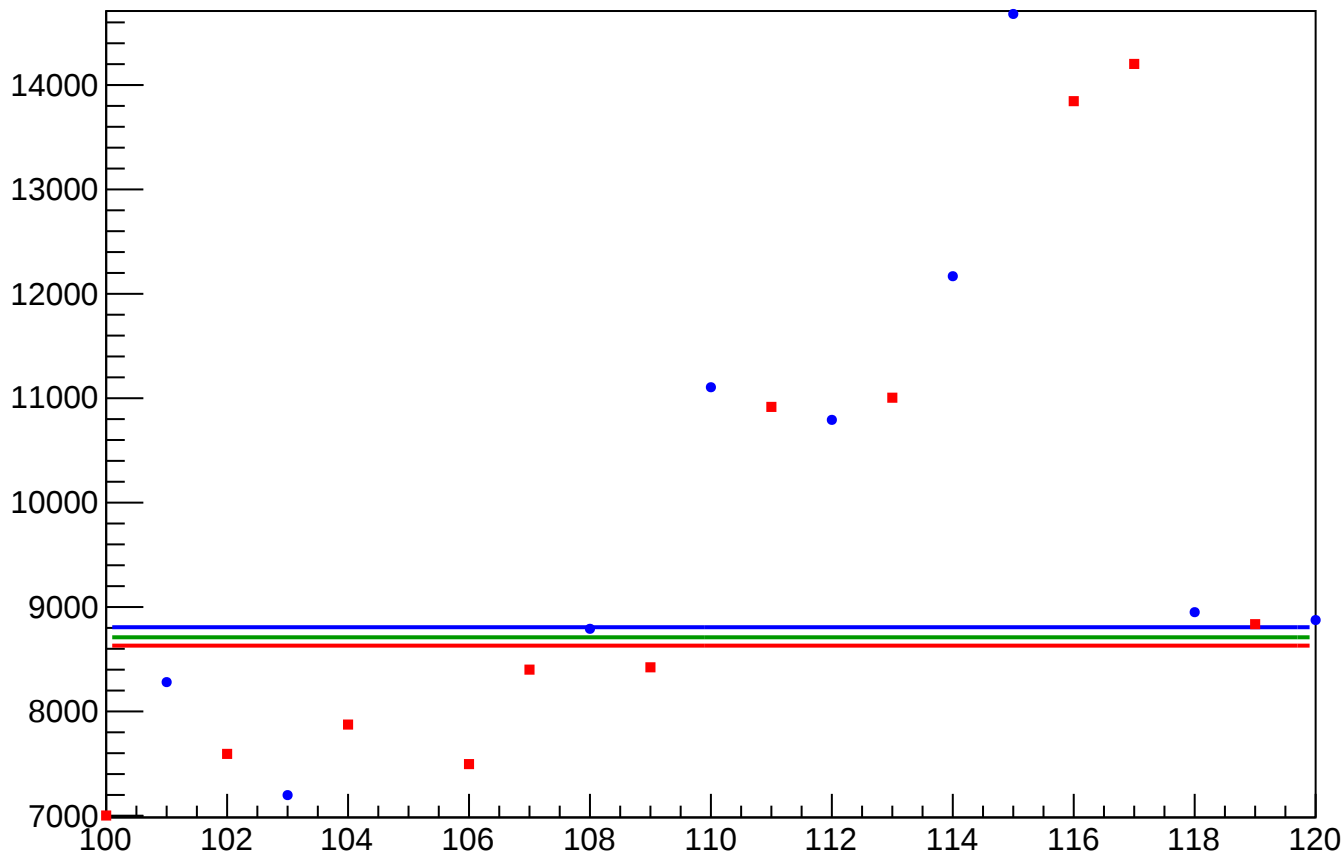
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7.046+/-4.859 χ^2 /NDF: 8.6/8

-5.065+/-3.272 χ^2 /NDF: 22.1/19

-3.423+/-4.425 χ^2 /NDF: 13.2/10

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8806.612 $\pm$ 3.436 χ^2 /NDF: 184745.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8630.238 $\pm$ 3.129 χ^2 /NDF: 215037.1/10

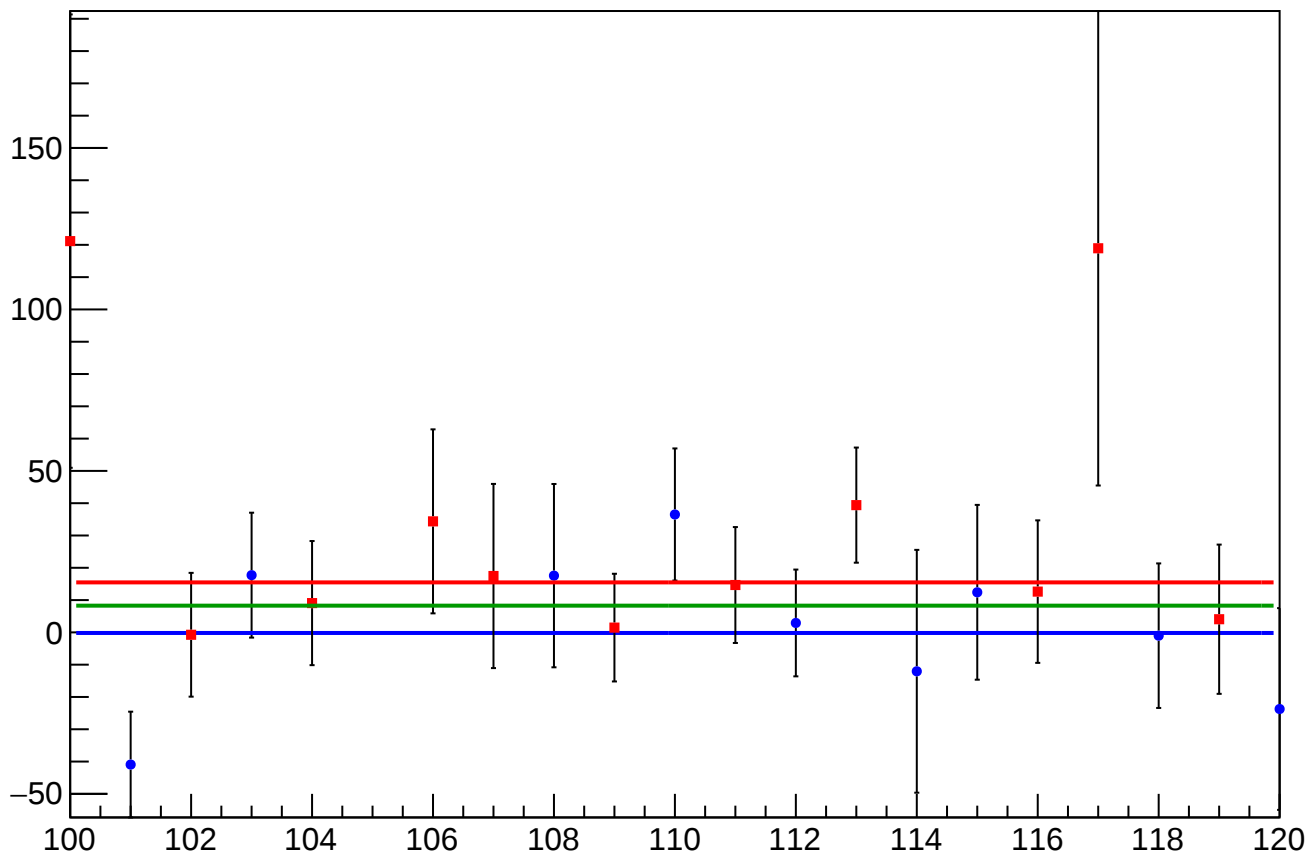
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8806.612 $\pm$ 3.436 χ^2 /NDF: 184745.1/8

8710.193 $\pm$ 2.313 χ^2 /NDF: 401222.6/19

8630.238 $\pm$ 3.129 χ^2 /NDF: 215037.1/10

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.183 ± 7.296 χ^2/NDF : 11.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.479 ± 6.733 χ^2/NDF : 8.3/10

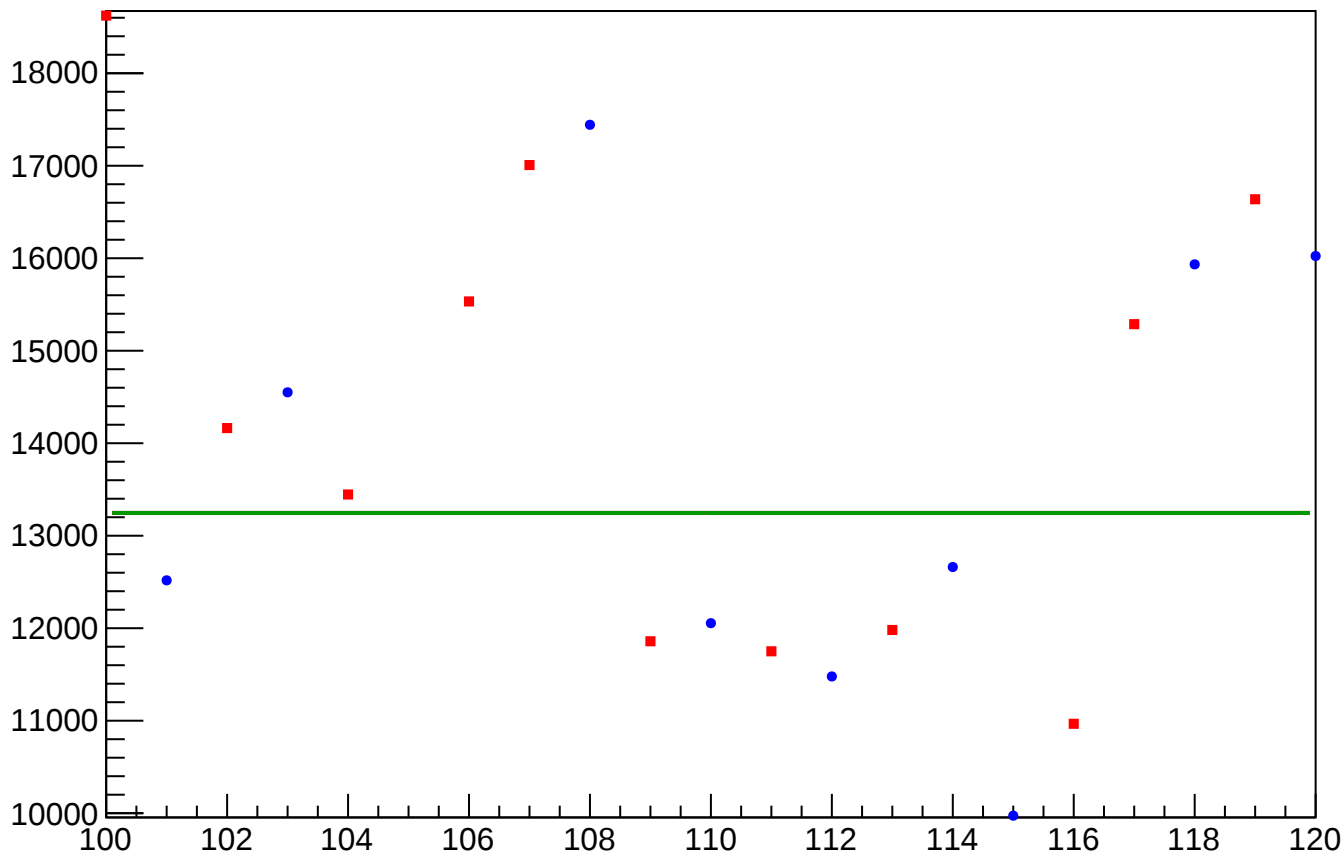
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.183 ± 7.296 χ^2/NDF : 11.6/8

8.275 ± 4.948 χ^2/NDF : 22.4/19

15.479 ± 6.733 χ^2/NDF : 8.3/10

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13246.010+/-5.159 χ^2/NDF : 160824.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13246.451+/-4.761 χ^2/NDF : 168007.6/10

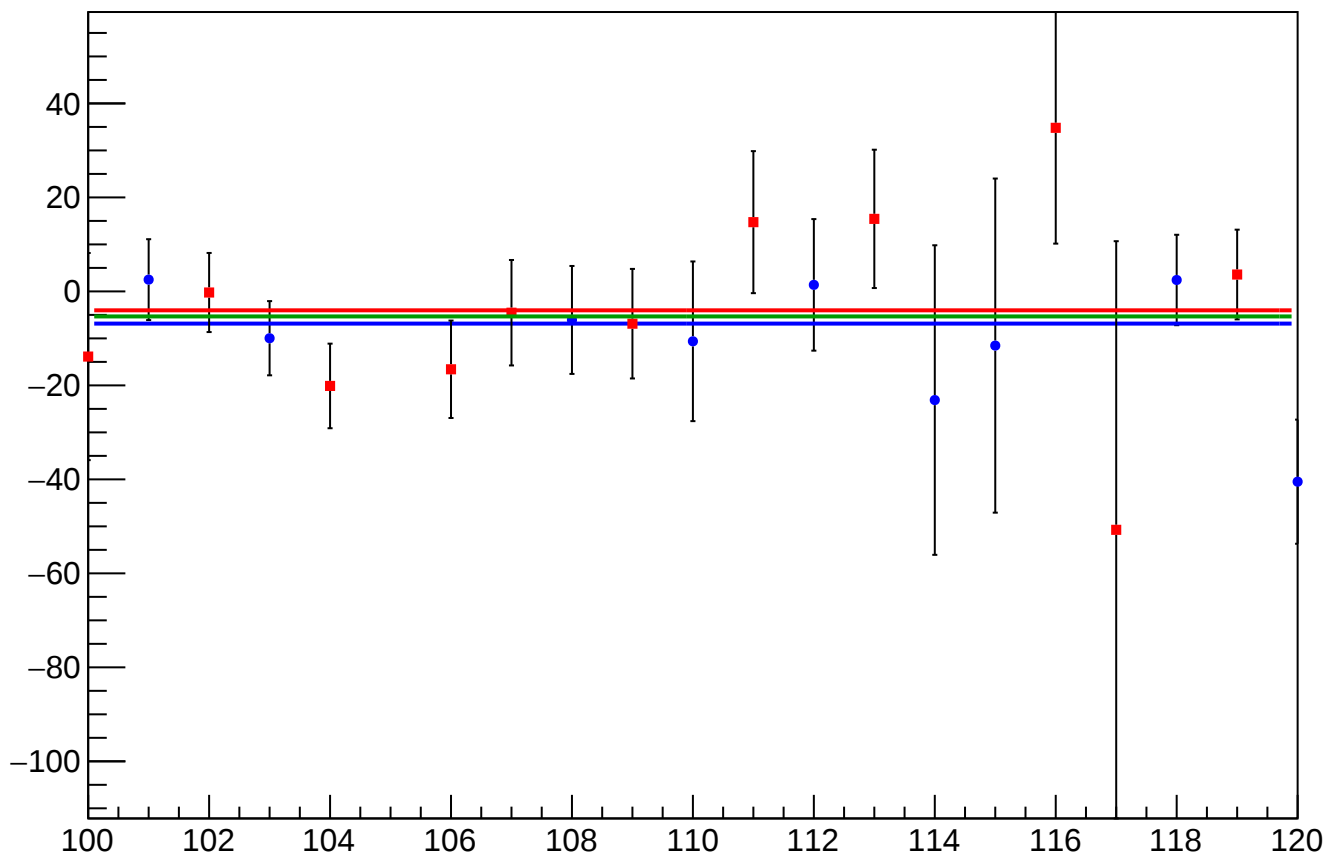
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13246.010+/-5.159 χ^2/NDF : 160824.0/8

13246.248+/-3.499 χ^2/NDF : 328831.6/19

13246.451+/-4.761 χ^2/NDF : 168007.6/10

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.852 $\pm$ 3.955 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.027 $\pm$ 3.651 χ^2 /NDF: 12.1/10

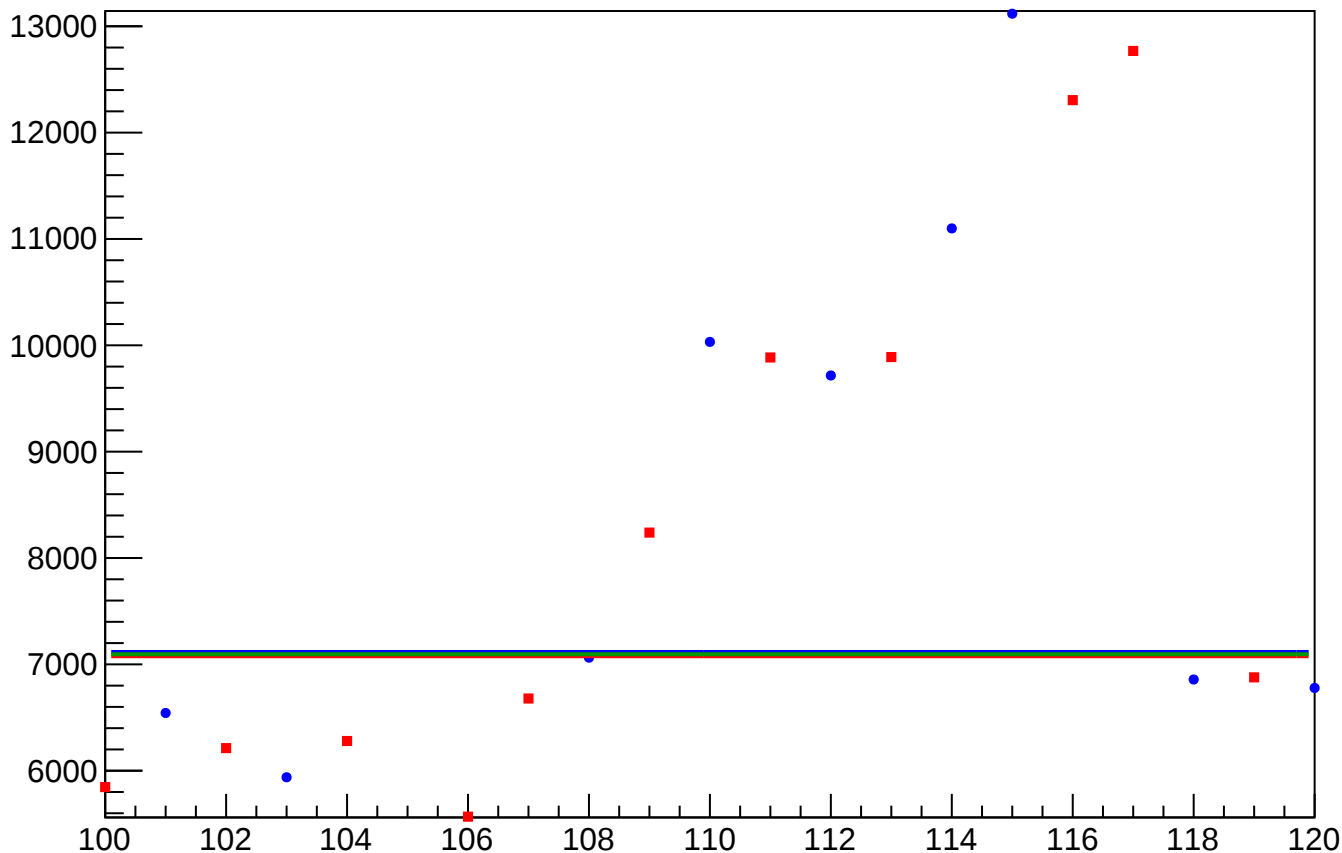
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-6.852 $\pm$ 3.955 χ^2 /NDF: 9.4/8

-5.327 $\pm$ 2.683 χ^2 /NDF: 21.8/19

-4.027 $\pm$ 3.651 χ^2 /NDF: 12.1/10

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7116.569+/-2.796 χ^2/NDF : 270358.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7076.613+/-2.582 χ^2/NDF : 358014.9/10

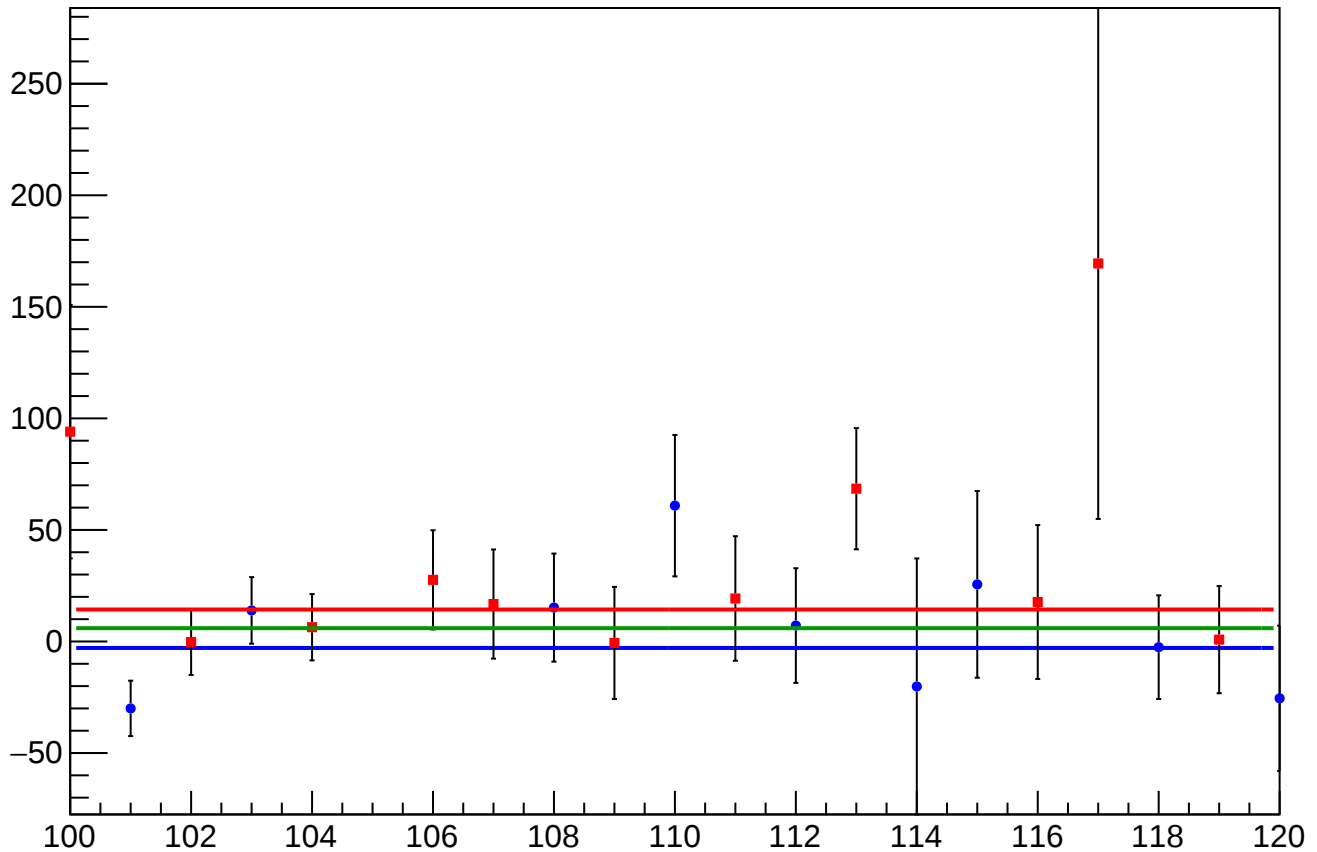
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7116.569+/-2.796 χ^2/NDF : 270358.3/8

7094.999+/-1.897 χ^2/NDF : 628483.4/19

7076.613+/-2.582 χ^2/NDF : 358014.9/10

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.904+/-7.282 χ^2 /NDF: 11.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.330+/-7.071 χ^2 /NDF: 10.1/10

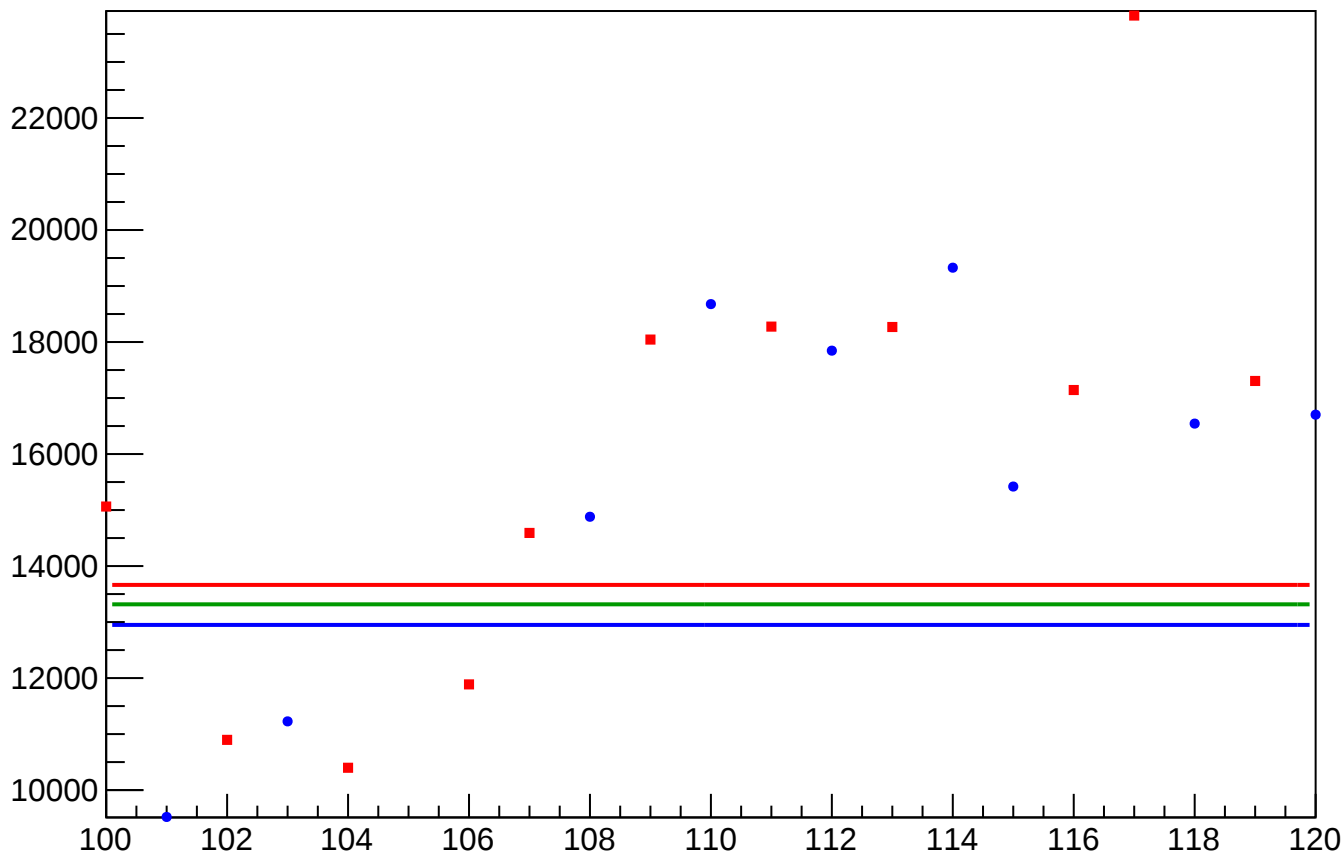
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-2.904+/-7.282 χ^2 /NDF: 11.8/8

5.965+/-5.073 χ^2 /NDF: 24.8/19

14.330+/-7.071 χ^2 /NDF: 10.1/10

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12949.122+/-5.149 χ^2/NDF : 435885.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13663.464+/-5.000 χ^2/NDF : 438602.5/10

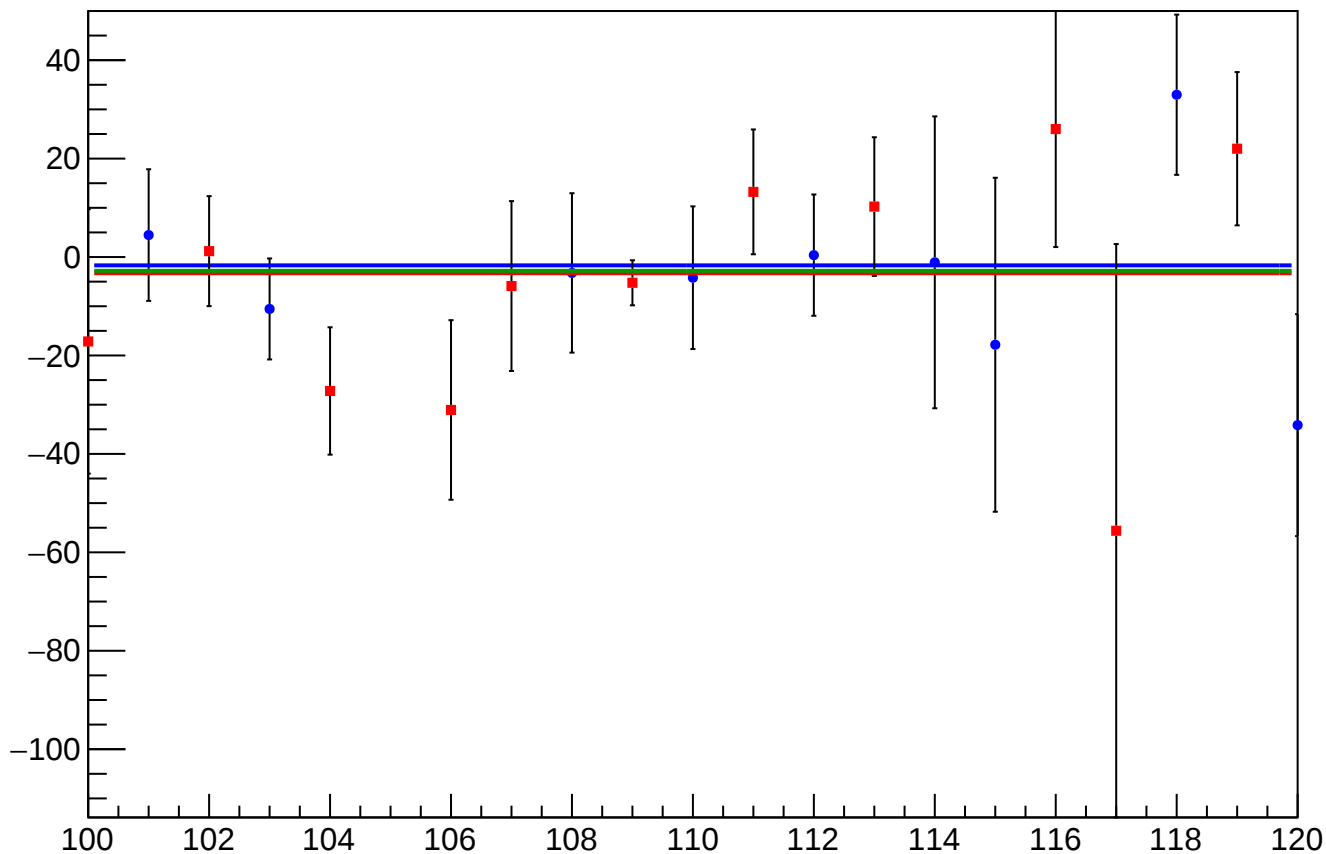
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12949.122+/-5.149 χ^2/NDF : 435885.3/8

13316.756+/-3.587 χ^2/NDF : 884393.3/19

13663.464+/-5.000 χ^2/NDF : 438602.5/10

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.694+/-5.130 χ^2 /NDF: 7.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.290+/-3.393 χ^2 /NDF: 13.9/10

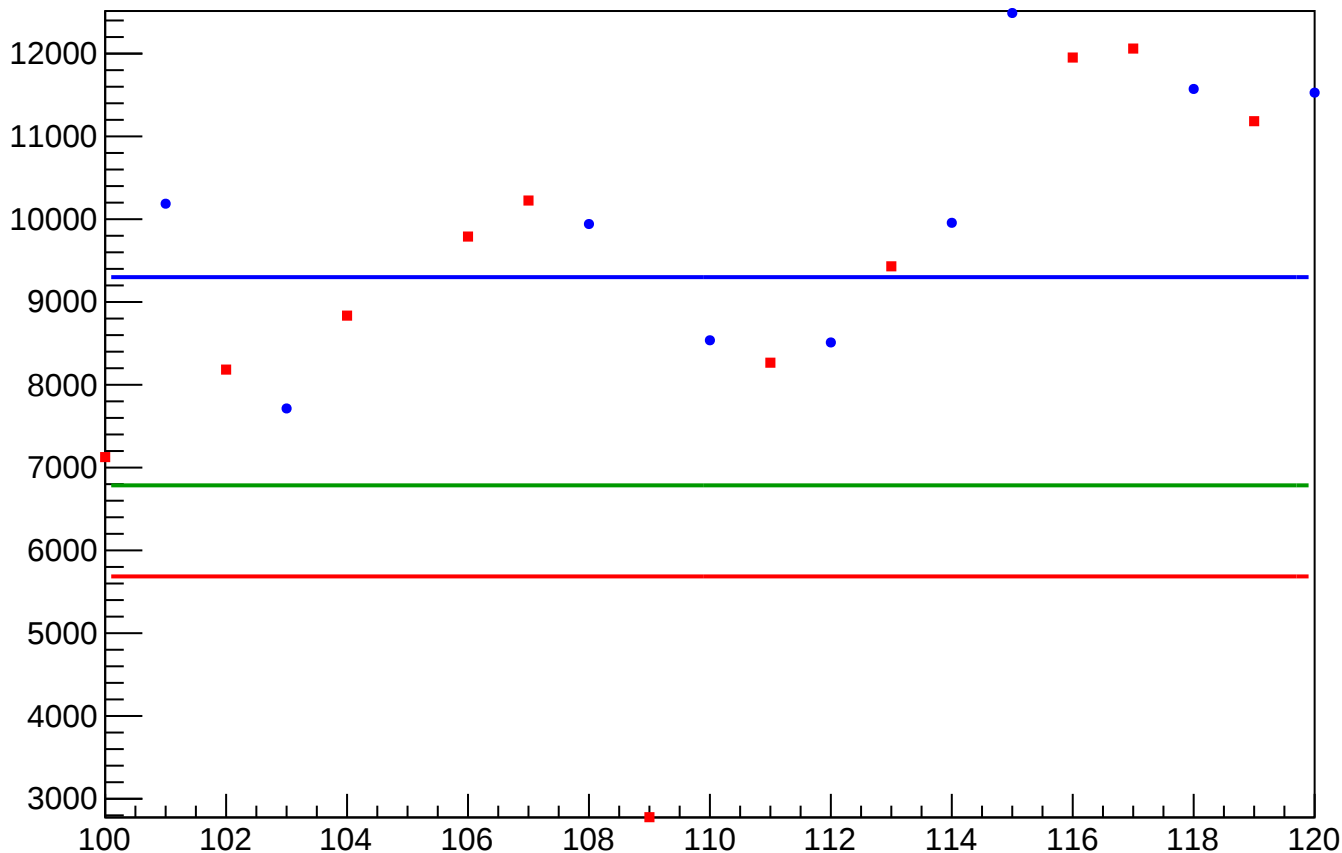
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.694+/-5.130 χ^2 /NDF: 7.9/8

-2.804+/-2.830 χ^2 /NDF: 21.9/19

-3.290+/-3.393 χ^2 /NDF: 13.9/10

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 9300.194+/-3.628 χ^2/NDF : 150641.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5685.589+/-2.399 χ^2/NDF : 1905078.9/10

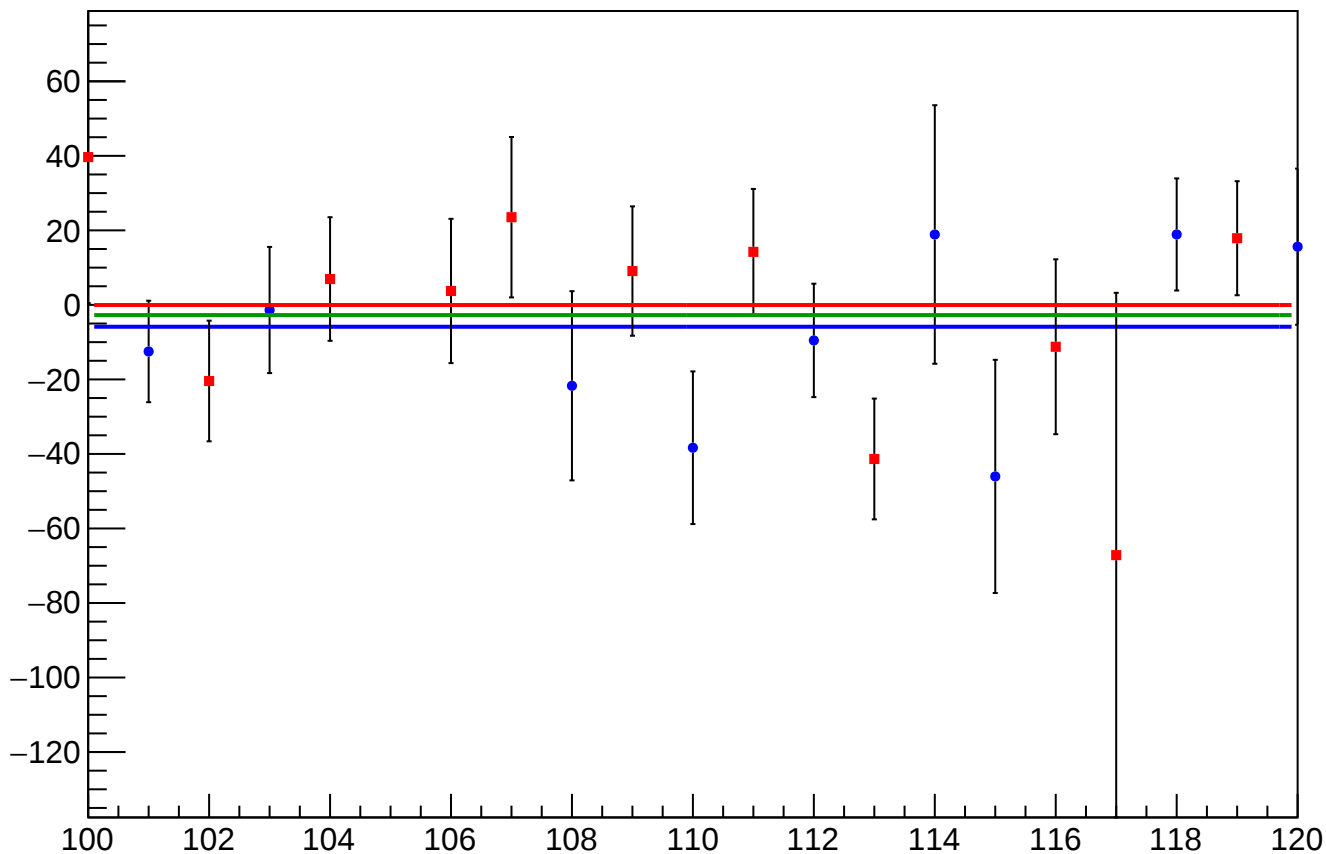
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9300.194+/-3.628 χ^2/NDF : 150641.8/8

6785.478+/-2.001 χ^2/NDF : 2746476.0/19

5685.589+/-2.399 χ^2/NDF : 1905078.9/10

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -5.864+/-6.240 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-5.788 χ^2/NDF : 14.0/10

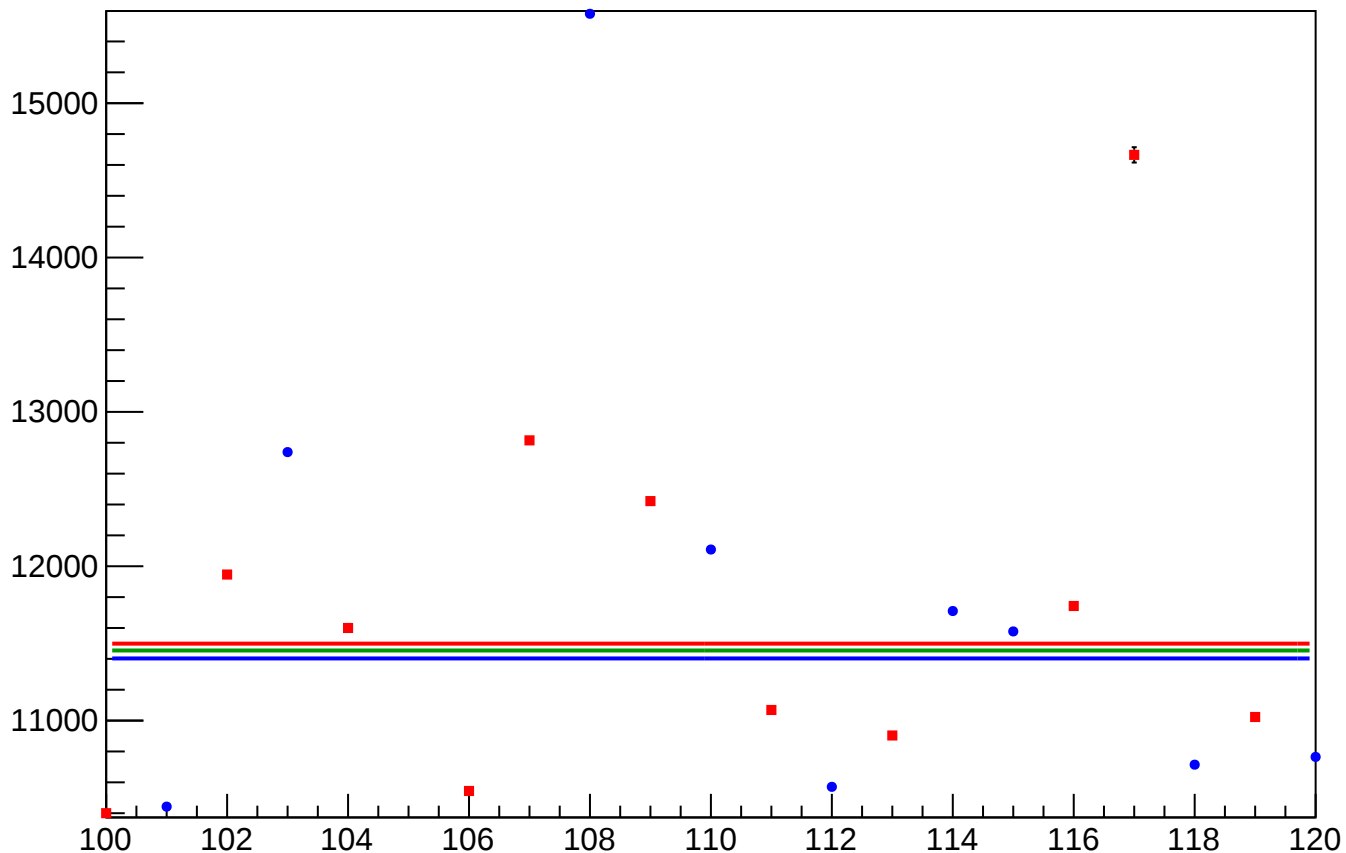
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.864+/-6.240 χ^2/NDF : 9.2/8

-2.731+/-4.244 χ^2/NDF : 23.7/19

-0.035+/-5.788 χ^2/NDF : 14.0/10

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11402.665 $\pm$ 4.413 χ^2 /NDF: 91152.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11498.642 $\pm$ 4.093 χ^2 /NDF: 31367.2/10

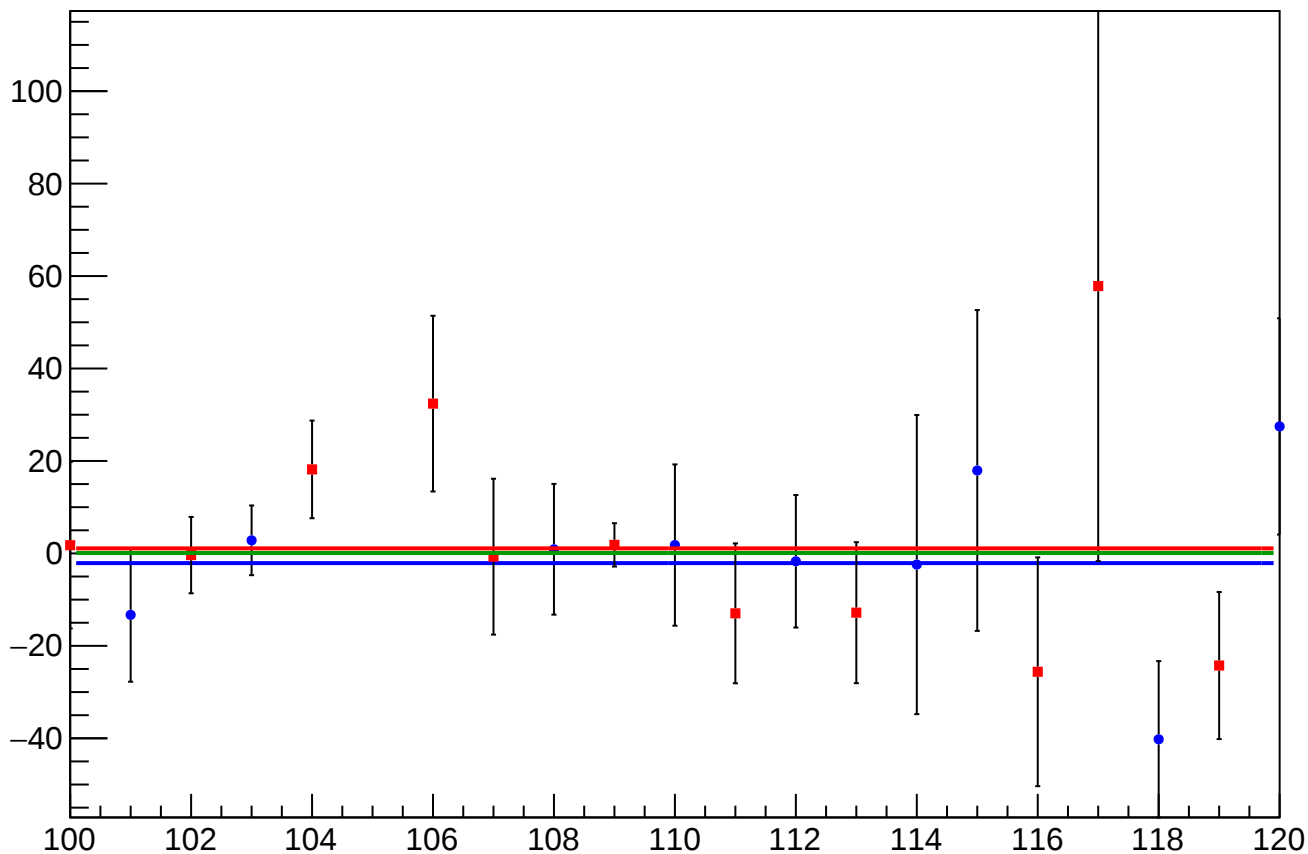
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11402.665 $\pm$ 4.413 χ^2 /NDF: 91152.0/8

11454.254 $\pm$ 3.001 χ^2 /NDF: 122773.5/19

11498.642 $\pm$ 4.093 χ^2 /NDF: 31367.2/10

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.098+/-4.843 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.088+/-3.278 χ^2/NDF : 11.7/10

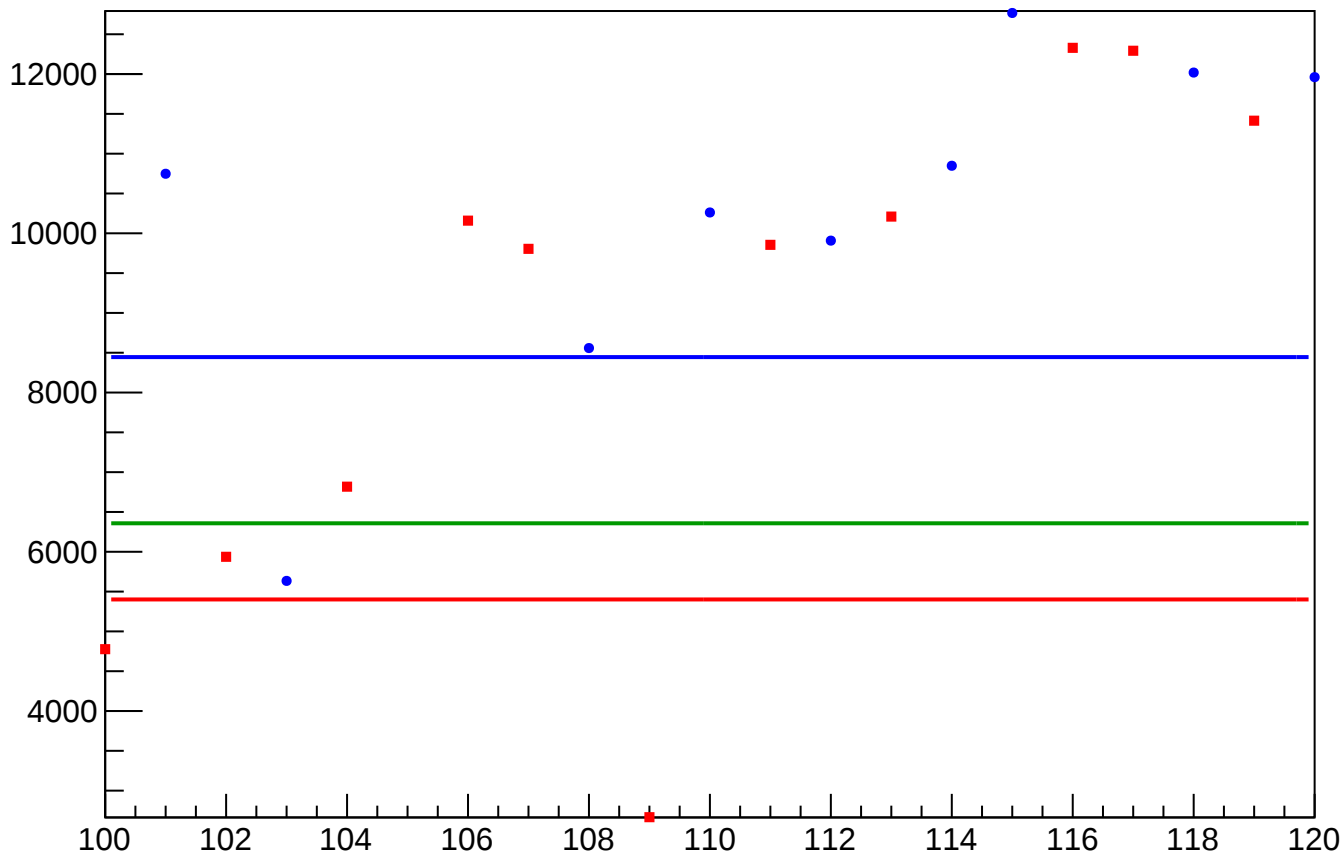
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.098+/-4.843 χ^2/NDF : 8.1/8

0.087+/-2.715 χ^2/NDF : 20.1/19

1.088+/-3.278 χ^2/NDF : 11.7/10

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8445.232+/-3.425 χ^2/NDF : 547840.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5401.178+/-2.318 χ^2/NDF : 1830736.1/10

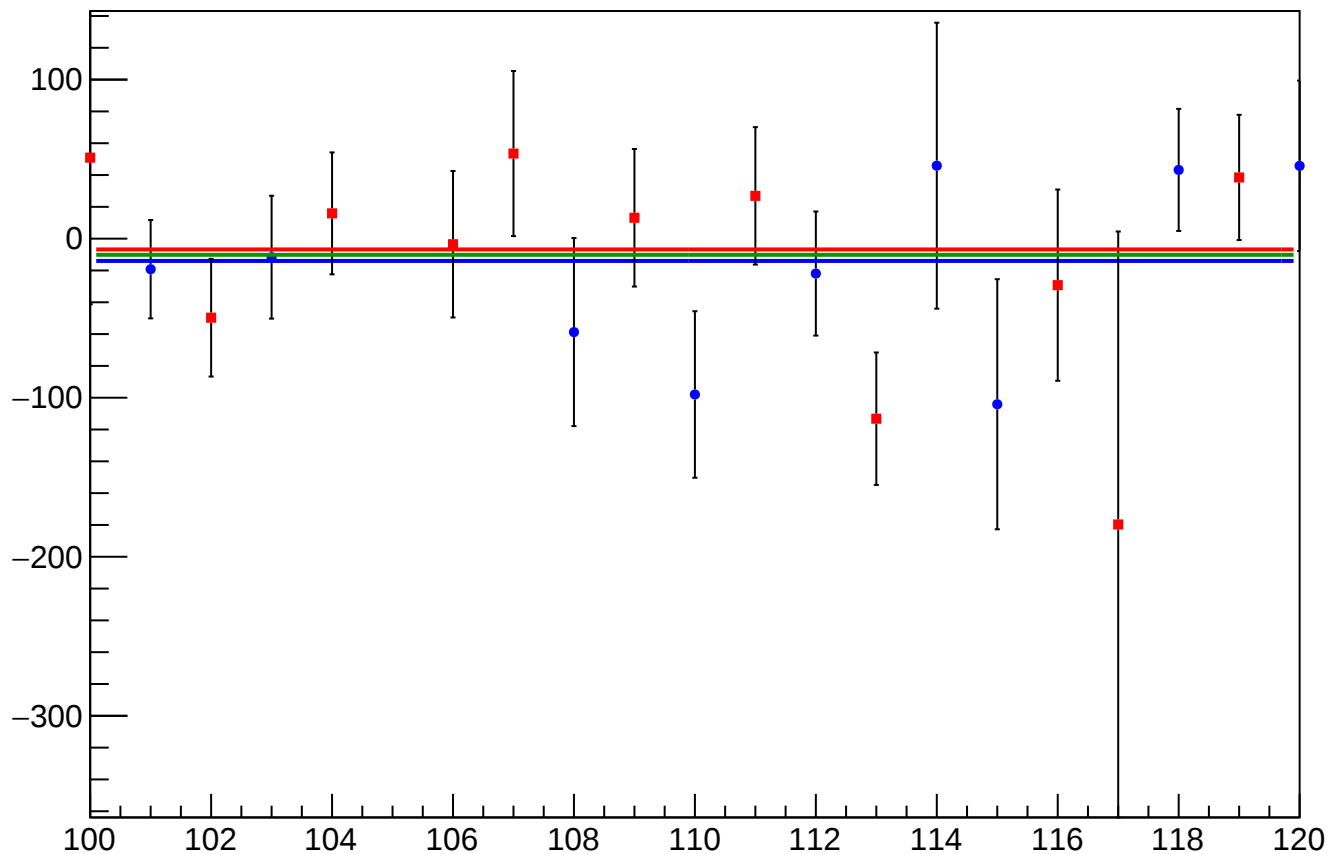
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8445.232+/-3.425 χ^2/NDF : 547840.7/8

6357.752+/-1.920 χ^2/NDF : 2920391.9/19

5401.178+/-2.318 χ^2/NDF : 1830736.1/10

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -14.003+/-15.184 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.776+/-14.187 χ^2/NDF : 13.1/10

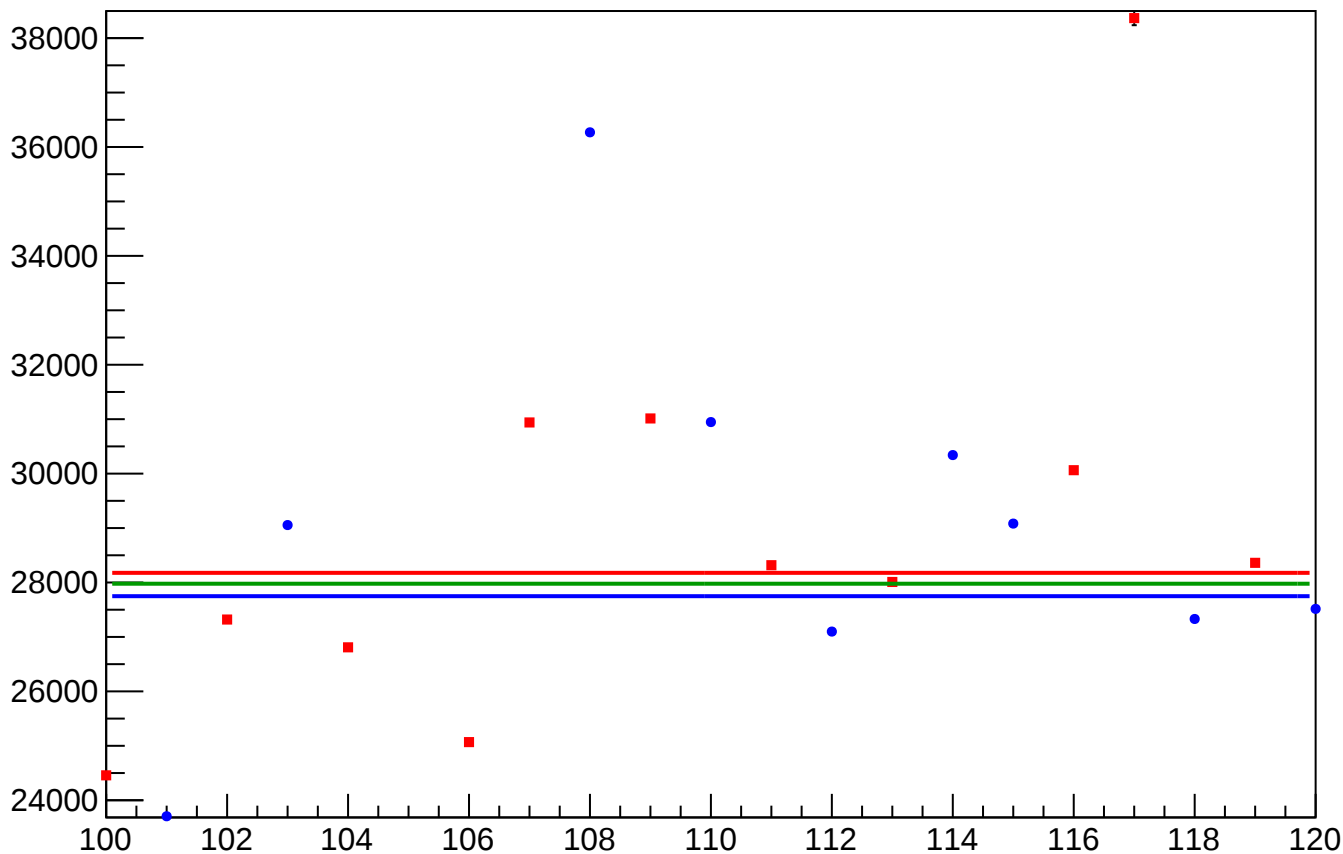
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.003+/-15.184 χ^2/NDF : 8.4/8

-10.144+/-10.366 χ^2/NDF : 21.7/19

-6.776+/-14.187 χ^2/NDF : 13.1/10

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27748.576+/-10.737 χ^2/NDF : 88562.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28177.348+/-10.031 χ^2/NDF : 38440.2/10

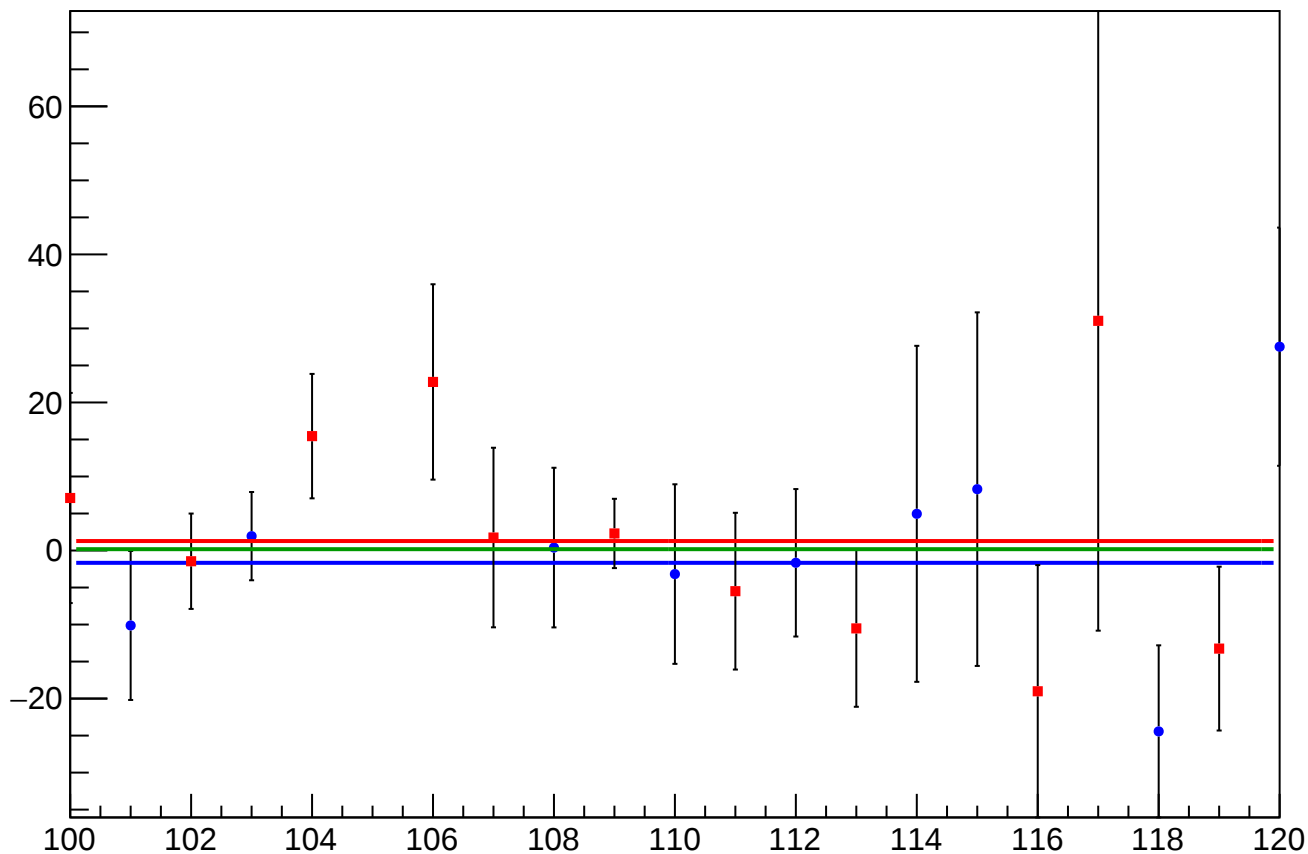
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27748.576+/-10.737 χ^2/NDF : 88562.5/8

27977.513+/-7.330 χ^2/NDF : 127854.2/19

28177.348+/-10.031 χ^2/NDF : 38440.2/10

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.663+/-3.570 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.281+/-2.758 χ^2/NDF : 11.2/10

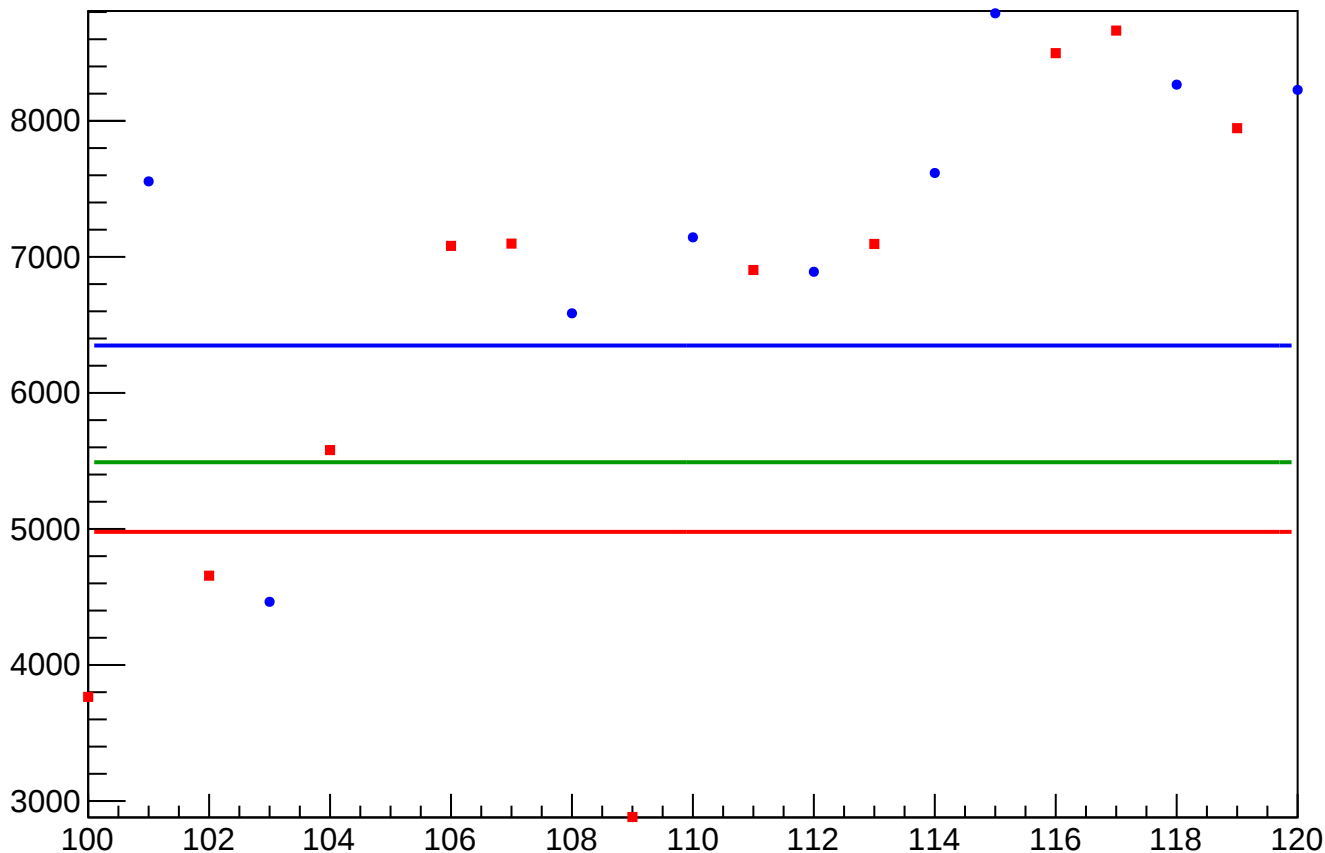
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.663+/-3.570 χ^2/NDF : 8.5/8

0.181+/-2.183 χ^2/NDF : 20.1/19

1.281+/-2.758 χ^2/NDF : 11.2/10

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6348.455+/-2.525 χ^2/NDF : 352893.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4978.603+/-1.950 χ^2/NDF : 933499.3/10

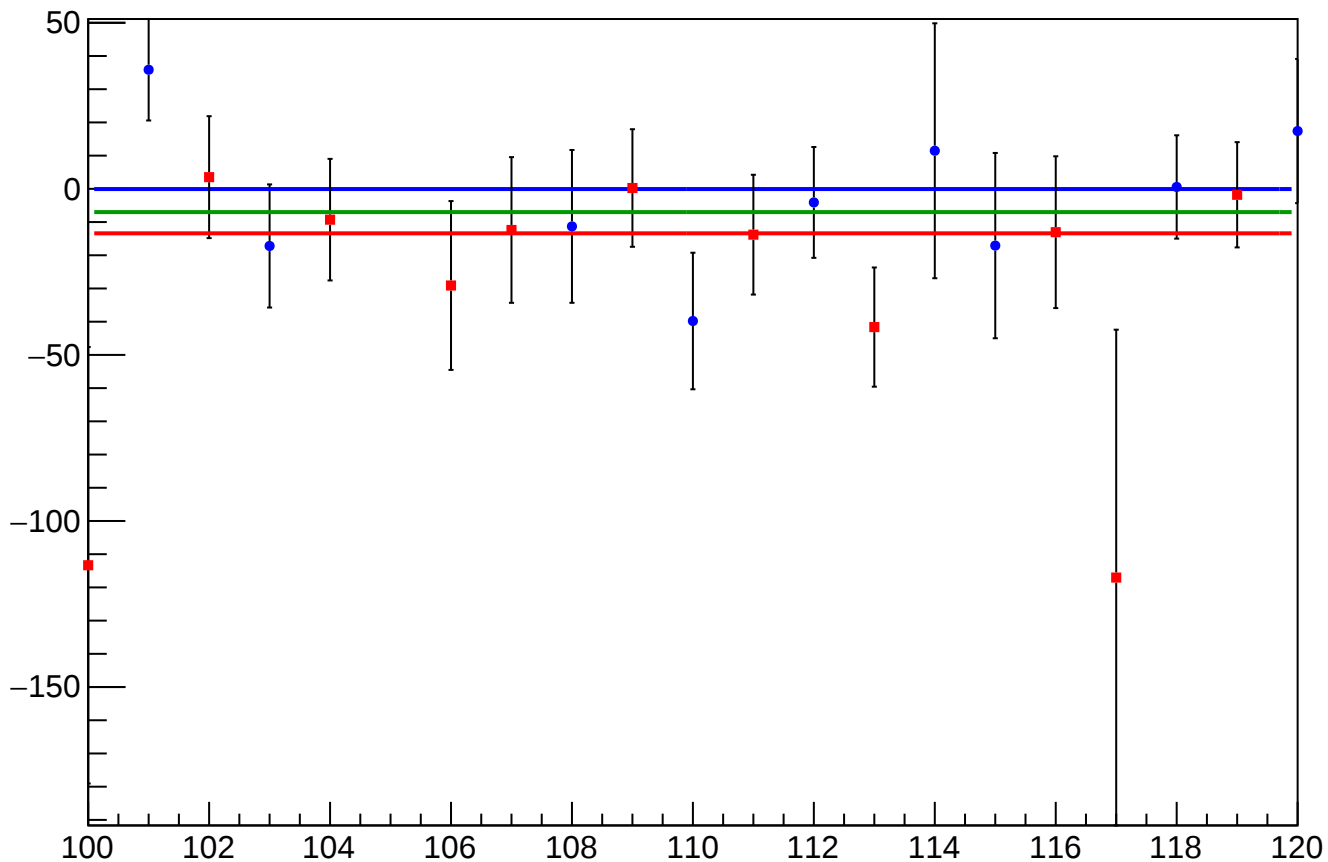
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6348.455+/-2.525 χ^2/NDF : 352893.8/8

5490.614+/-1.543 χ^2/NDF : 1470761.5/19

4978.603+/-1.950 χ^2/NDF : 933499.3/10

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.063 ± 6.557 χ^2/NDF : 11.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.391 ± 6.292 χ^2/NDF : 9.1/10

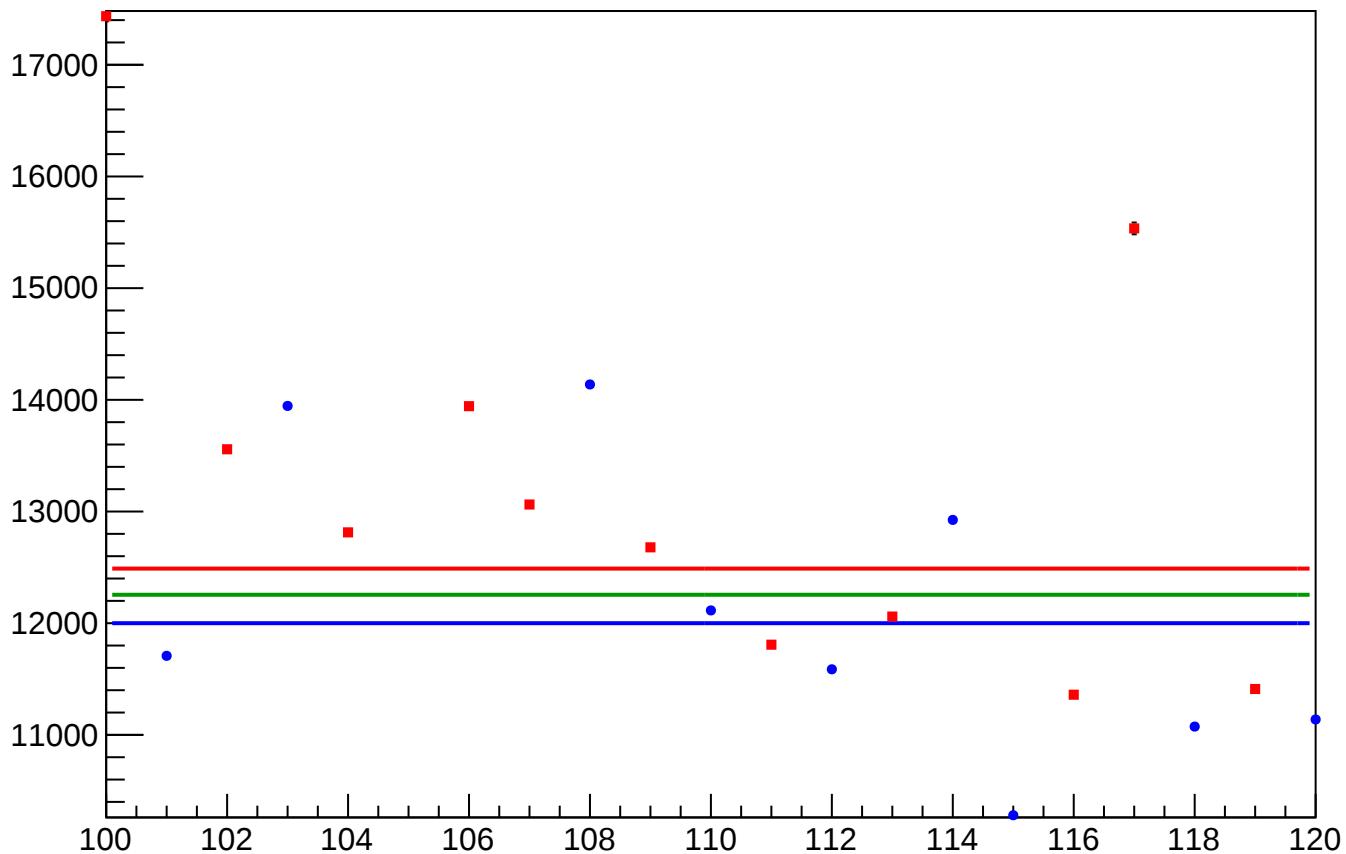
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.063 ± 6.557 χ^2/NDF : 11.5/8

-7.002 ± 4.540 χ^2/NDF : 22.8/19

-13.391 ± 6.292 χ^2/NDF : 9.1/10

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12000.112+/-4.636 χ^2/NDF : 60308.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12488.968+/-4.449 χ^2/NDF : 48358.9/10

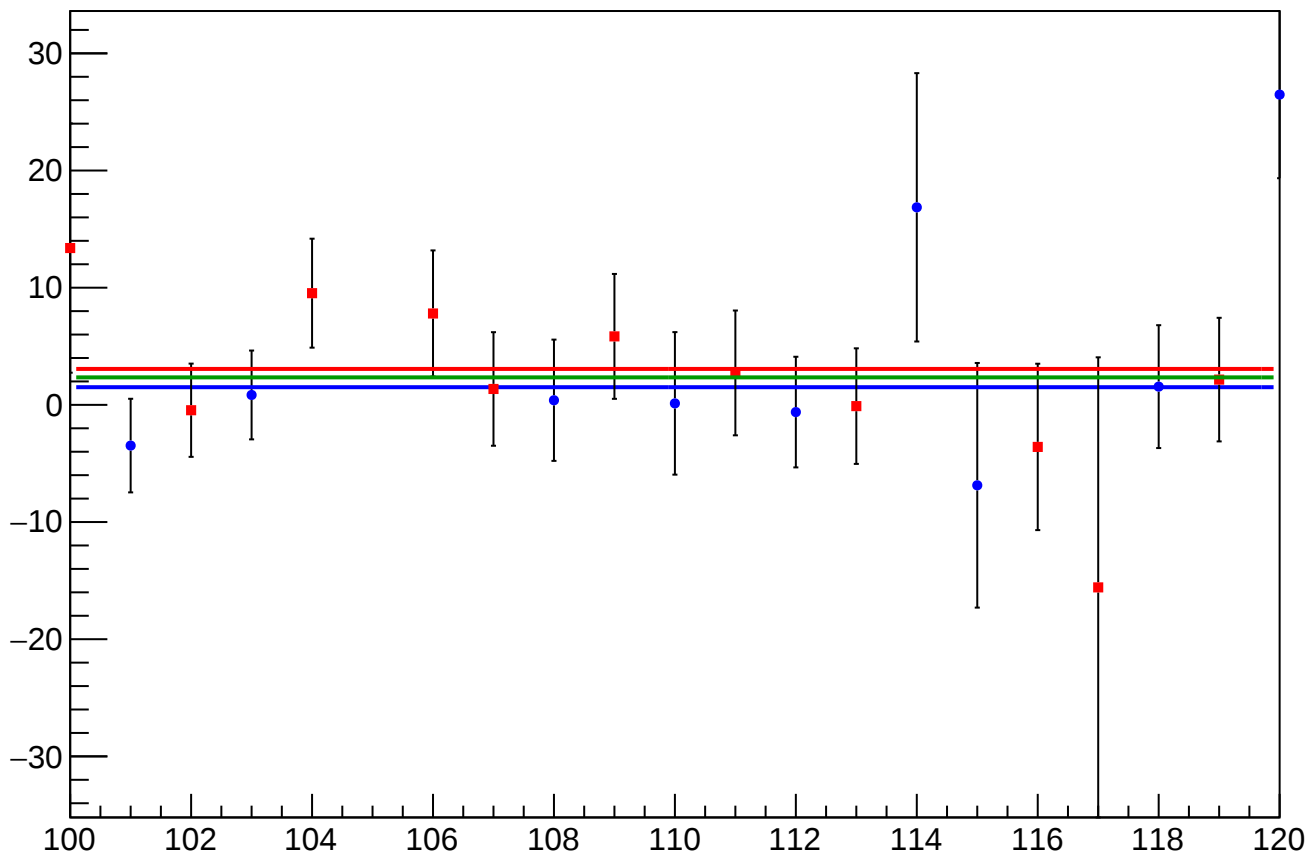
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12000.112+/-4.636 χ^2/NDF : 60308.9/8

12254.623+/-3.210 χ^2/NDF : 114455.8/19

12488.968+/-4.449 χ^2/NDF : 48358.9/10

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.508+/-1.784 χ^2/NDF : 16.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.067+/-1.655 χ^2/NDF : 7.1/10

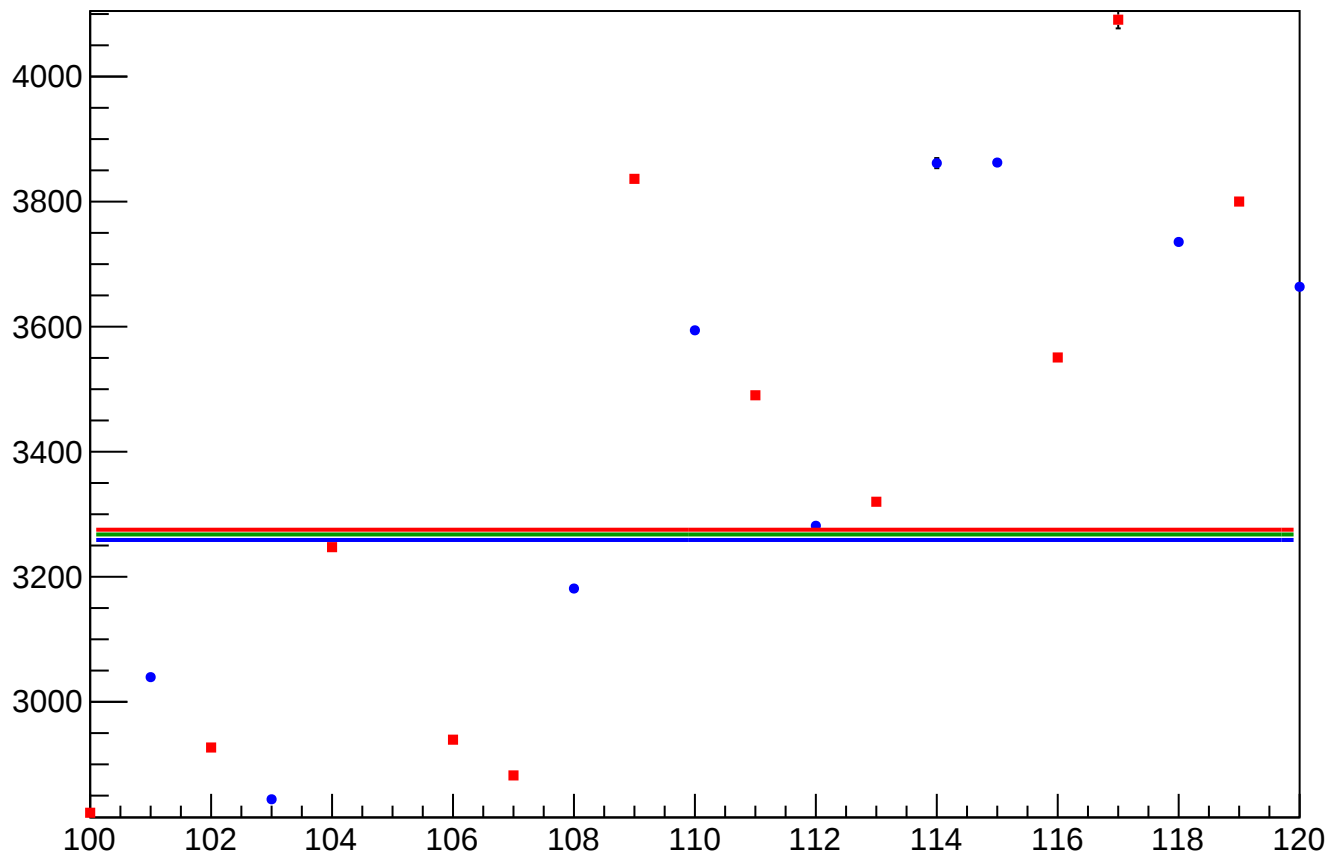
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.508+/-1.784 χ^2/NDF : 16.6/8

2.346+/-1.213 χ^2/NDF : 24.0/19

3.067+/-1.655 χ^2/NDF : 7.1/10

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3258.848+/-1.261 χ^2/NDF : 71749.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3275.284+/-1.170 χ^2/NDF : 91815.8/10

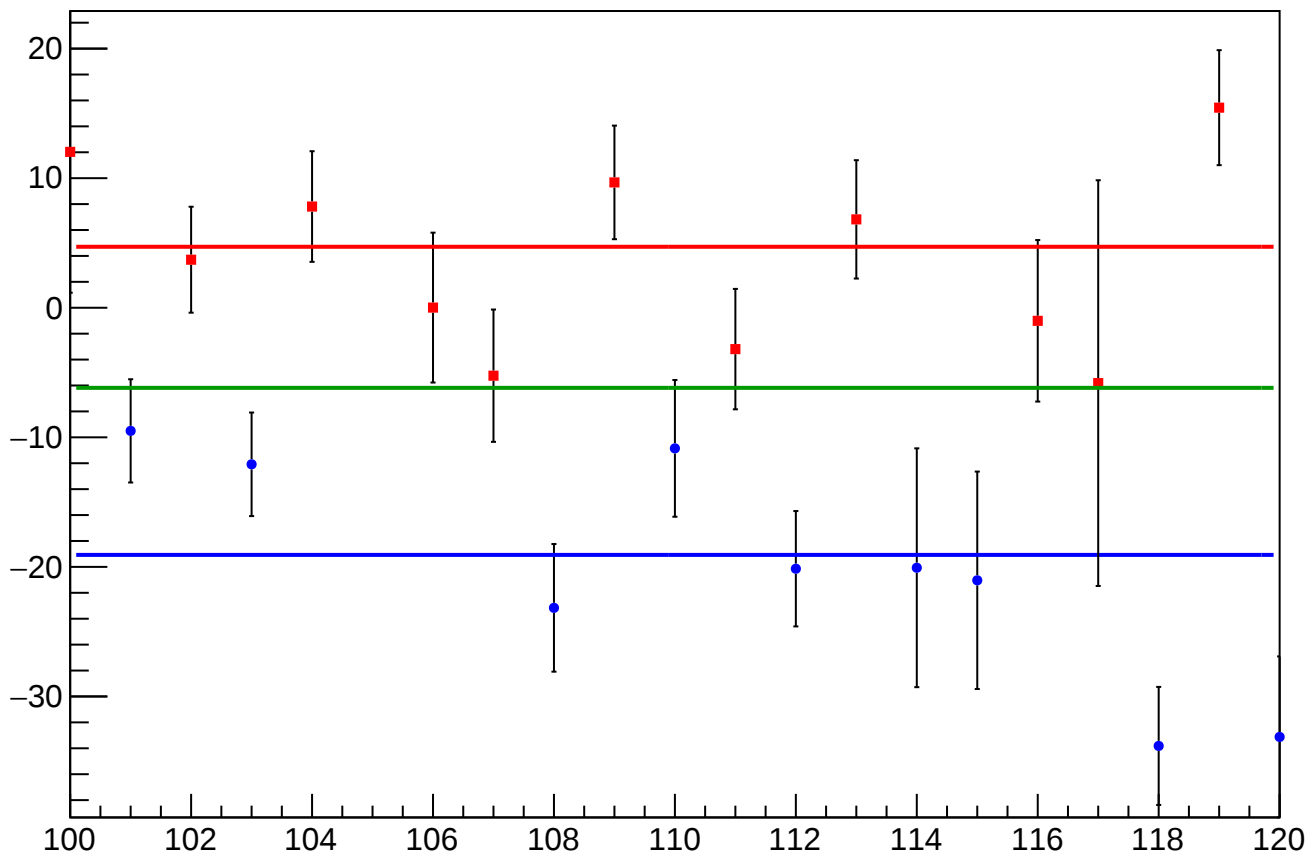
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3258.848+/-1.261 χ^2/NDF : 71749.6/8

3267.682+/-0.858 χ^2/NDF : 163656.7/19

3275.284+/-1.170 χ^2/NDF : 91815.8/10

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.074 ± 1.683 $\chi^2/\text{NDF}: 27.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.706 ± 1.546 $\chi^2/\text{NDF}: 17.0/10$

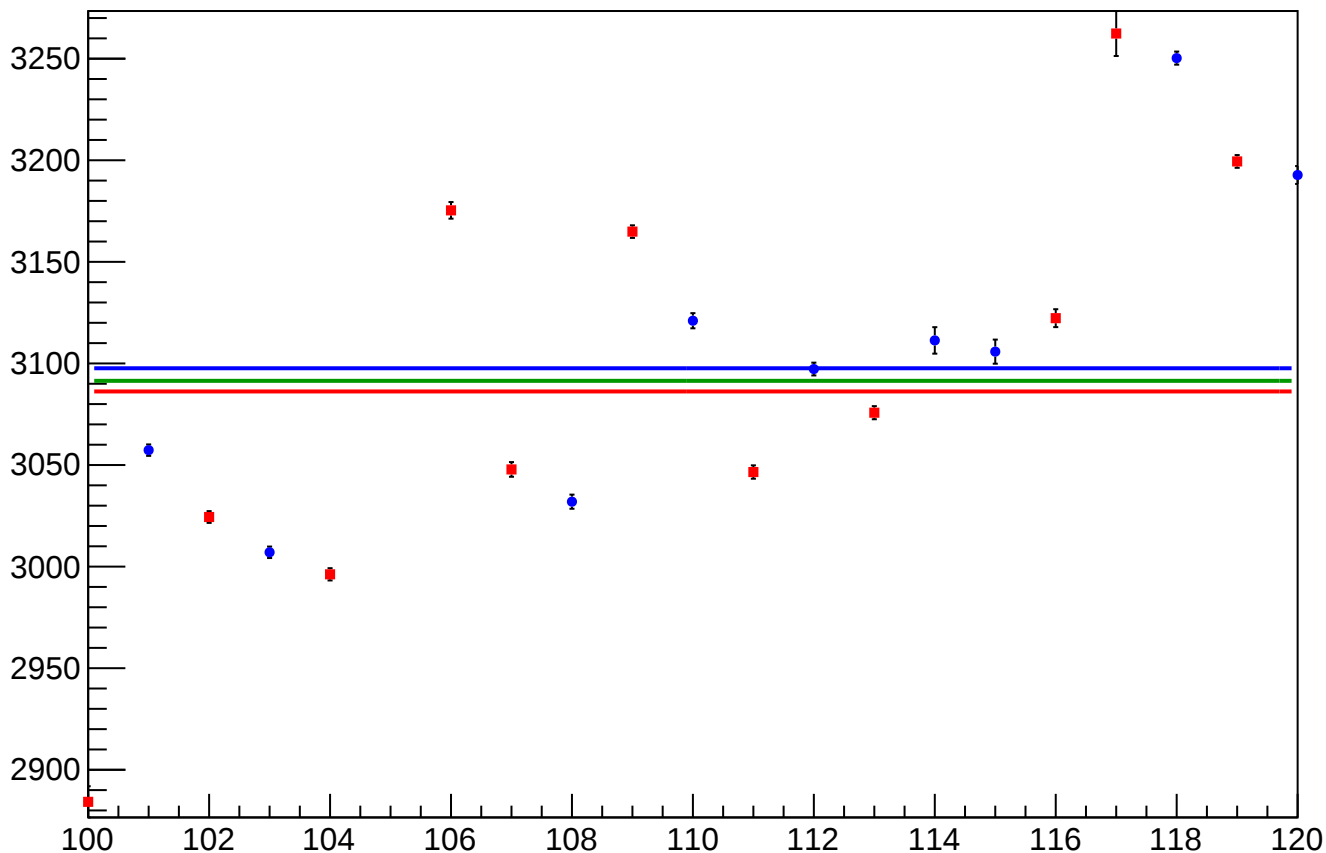
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.074 ± 1.683 $\chi^2/\text{NDF}: 27.7/8$

-6.181 ± 1.138 $\chi^2/\text{NDF}: 153.0/19$

4.706 ± 1.546 $\chi^2/\text{NDF}: 17.0/10$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3097.628+/-1.190 χ^2/NDF : 4347.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3086.214+/-1.093 χ^2/NDF : 5046.9/10

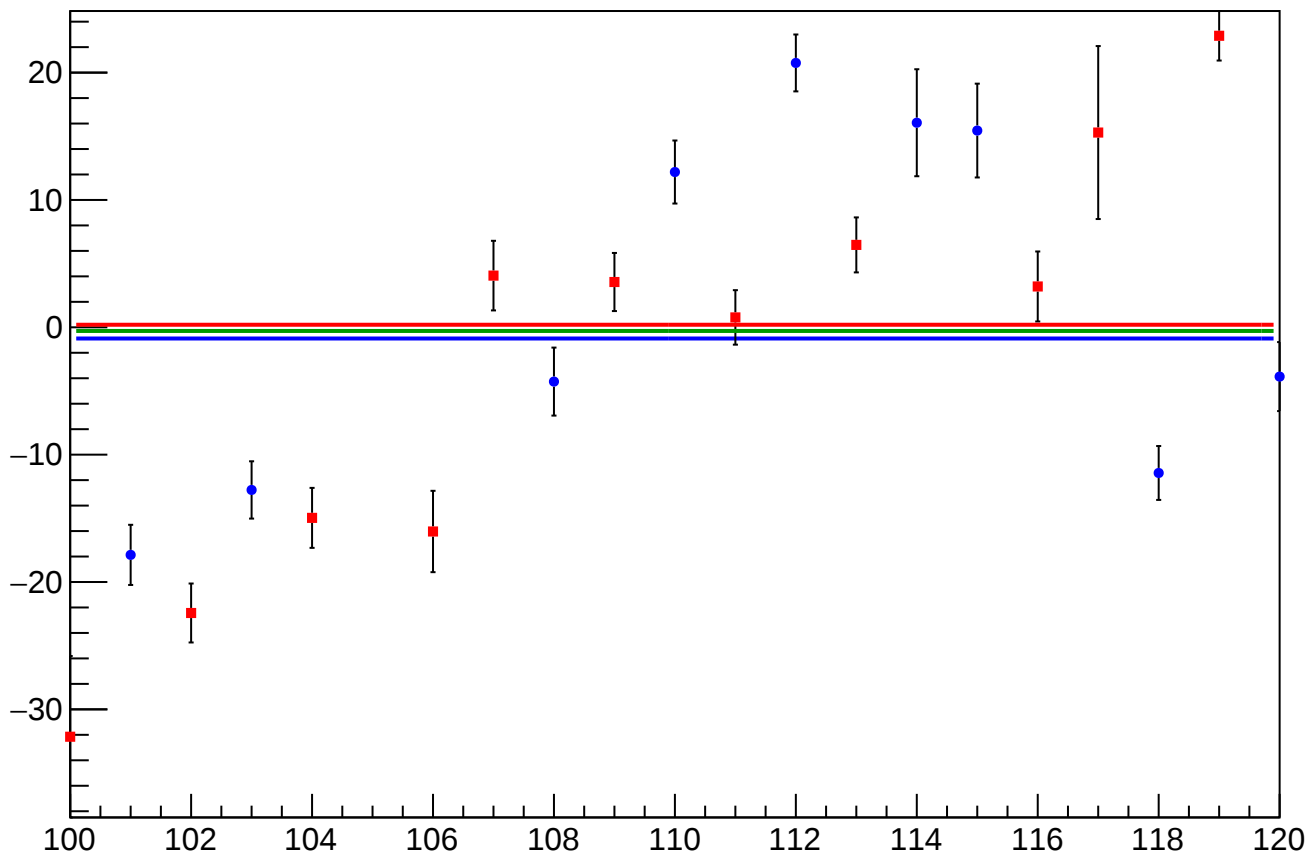
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3097.628+/-1.190 χ^2/NDF : 4347.8/8

3091.440+/-0.805 χ^2/NDF : 9444.6/19

3086.214+/-1.093 χ^2/NDF : 5046.9/10

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -0.879+/-0.854 χ^2/NDF : 265.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.201+/-0.774 χ^2/NDF : 343.9/10

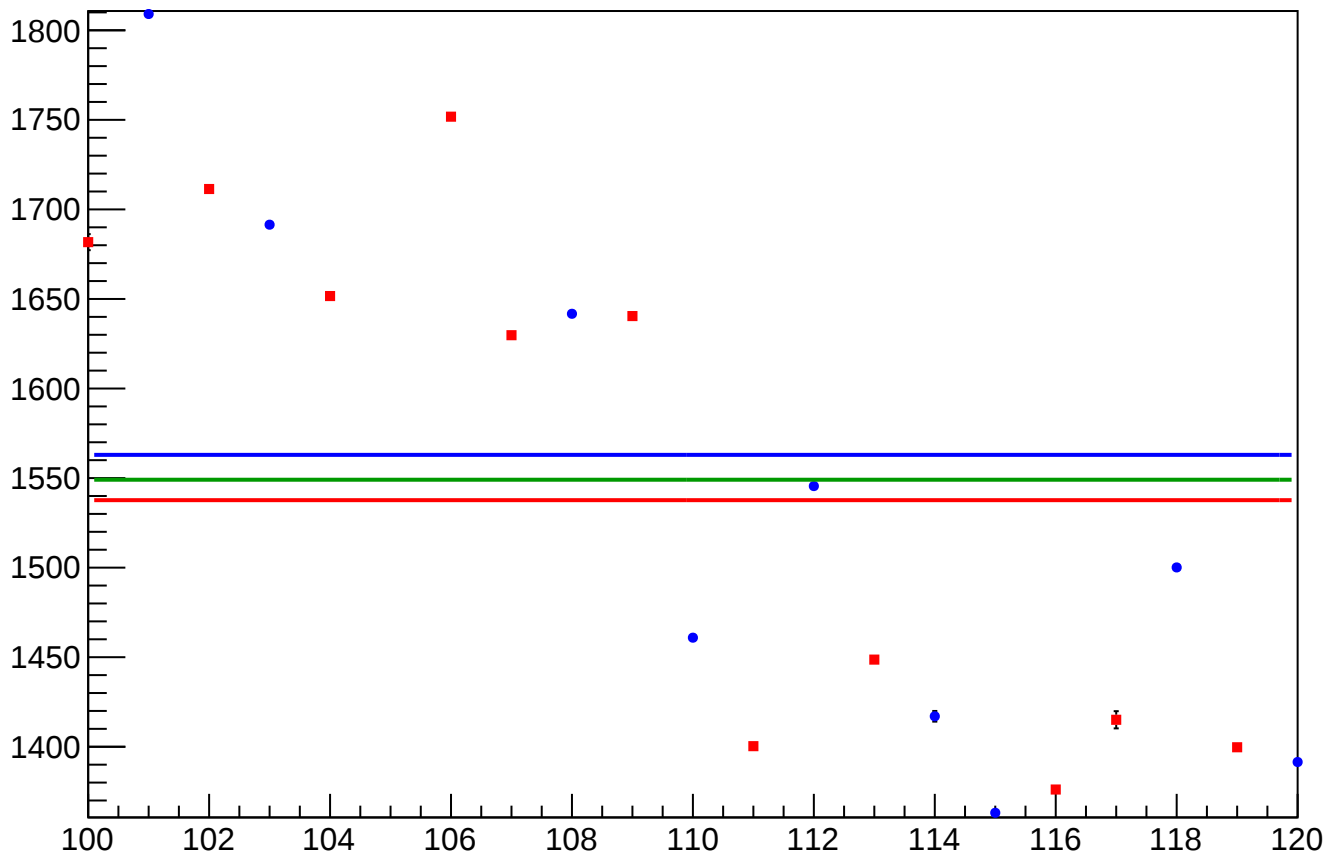
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.879+/-0.854 χ^2/NDF : 265.1/8

-0.286+/-0.574 χ^2/NDF : 609.9/19

0.201+/-0.774 χ^2/NDF : 343.9/10

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1562.964 $\pm$ 0.604 χ^2/NDF : 51591.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1537.671 $\pm$ 0.548 χ^2/NDF : 61570.8/10

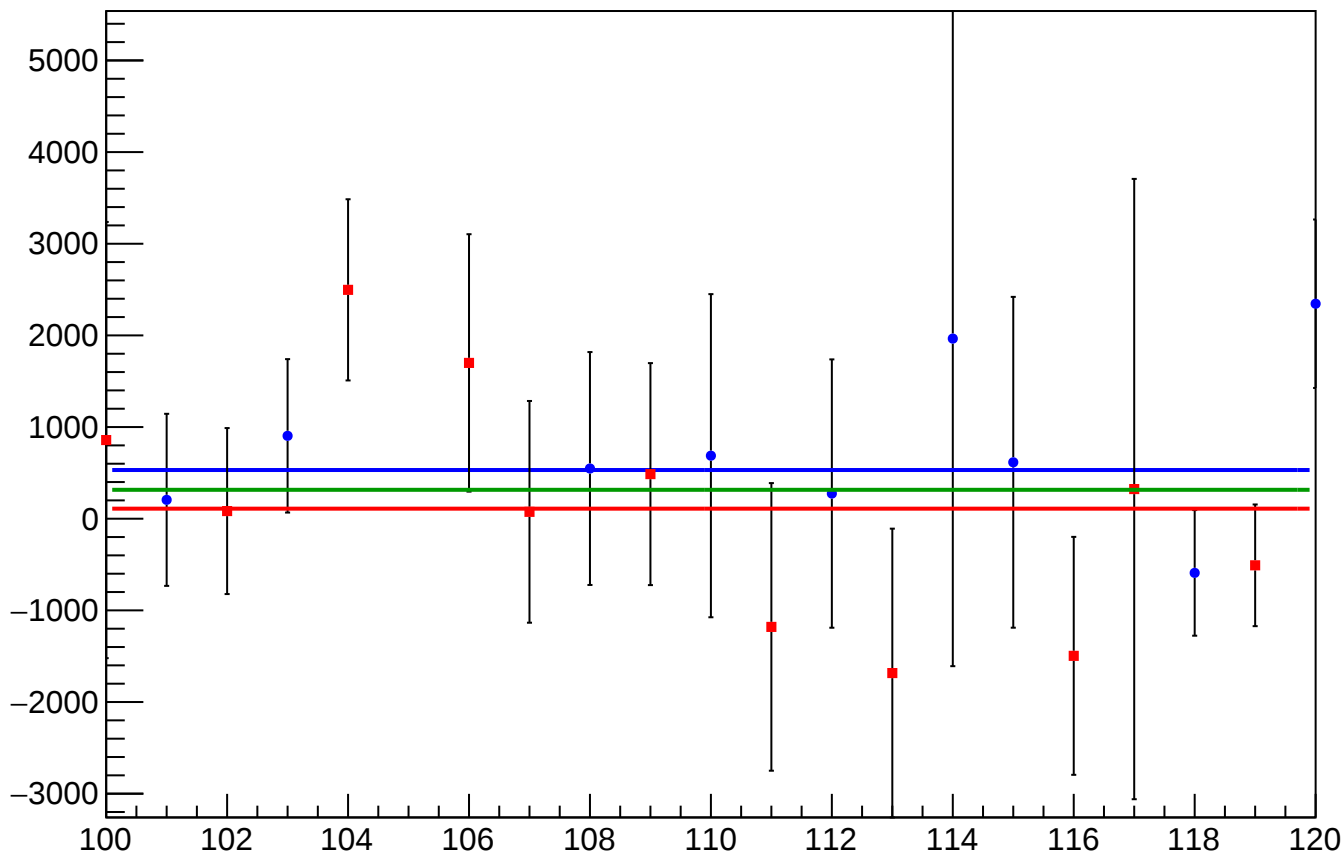
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1562.964 $\pm$ 0.604 χ^2/NDF : 51591.1/8

1549.083 $\pm$ 0.406 χ^2/NDF : 114124.4/19

1537.671 $\pm$ 0.548 χ^2/NDF : 61570.8/10

asym_sam1_mean vs Slug, Sign Corrected



Right In: 531.310 $\pm$ 361.114 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.640 $\pm$ 352.426 χ^2 /NDF: 11.7/10

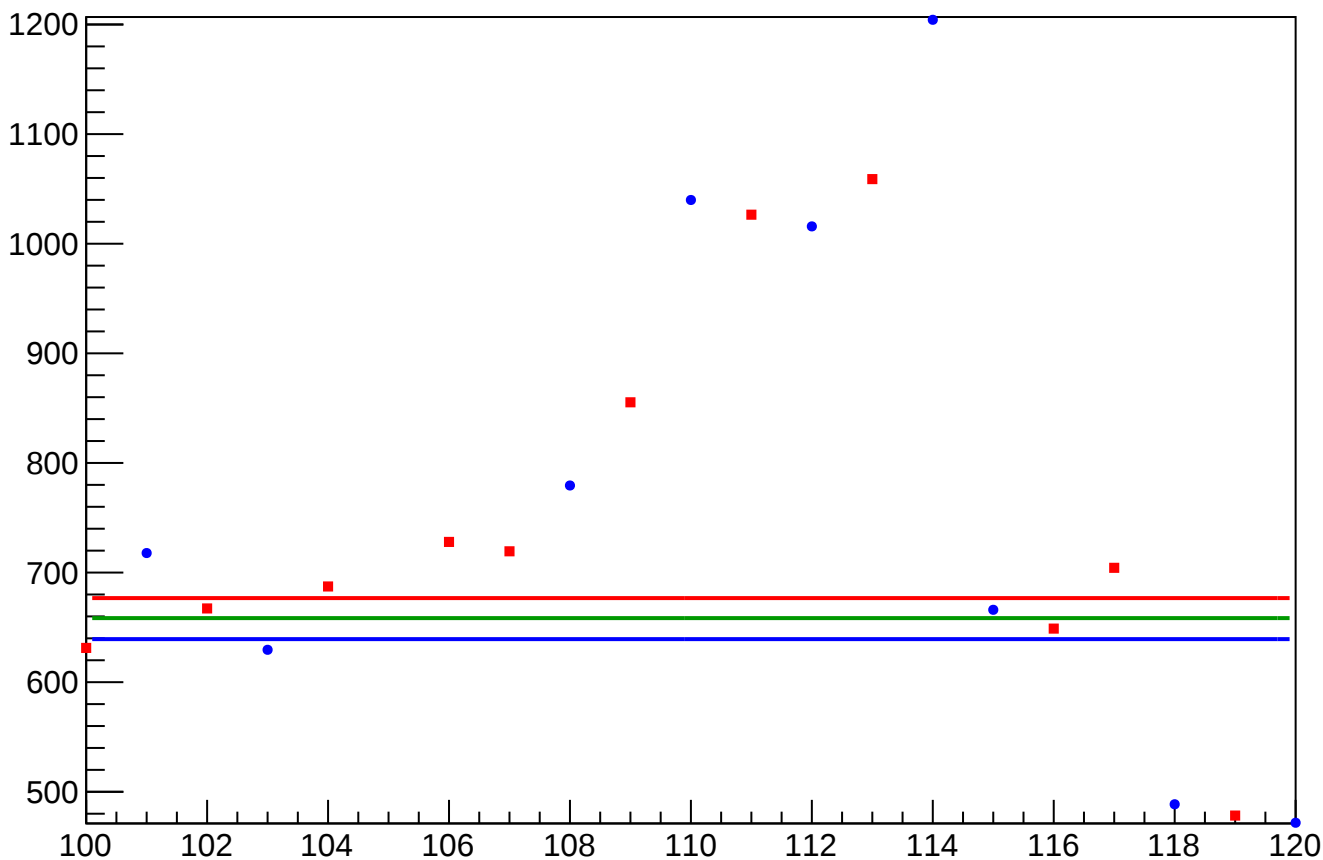
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

531.310 $\pm$ 361.114 χ^2 /NDF: 7.1/8

315.342 $\pm$ 252.218 χ^2 /NDF: 19.5/19

109.640 $\pm$ 352.426 χ^2 /NDF: 11.7/10

asym_sam1_rms vs Slug, Sign Corrected



Right In: 639.278 $\pm$ 0.255 χ^2 /NDF: 487767.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 676.710 $\pm$ 0.249 χ^2 /NDF: 446665.7/10

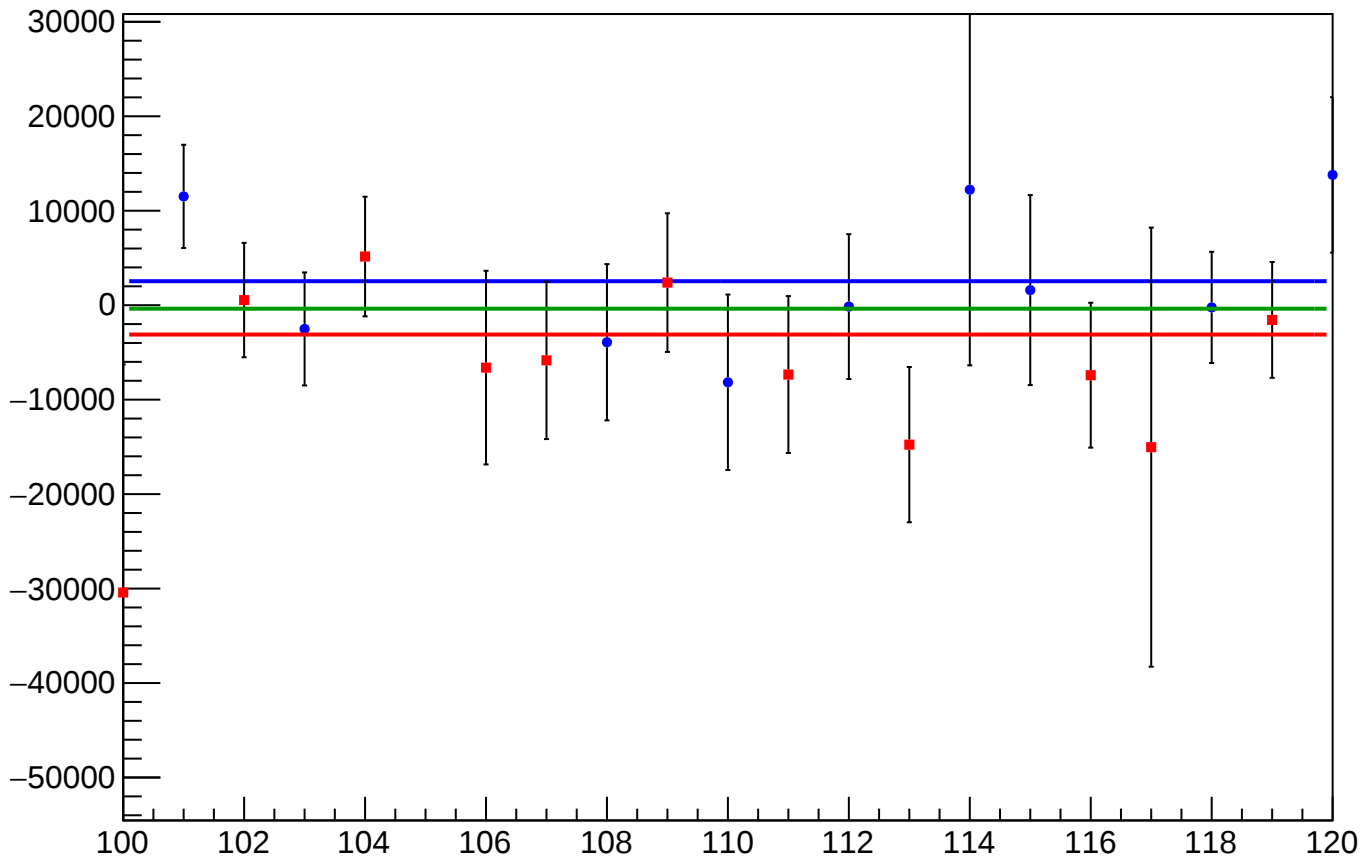
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

639.278 $\pm$ 0.255 χ^2 /NDF: 487767.2/8

658.450 $\pm$ 0.178 χ^2 /NDF: 945439.2/19

676.710 $\pm$ 0.249 χ^2 /NDF: 446665.7/10

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2539.954+/-2492.077 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3107.175+/-2417.073 χ^2/NDF : 7.0/10

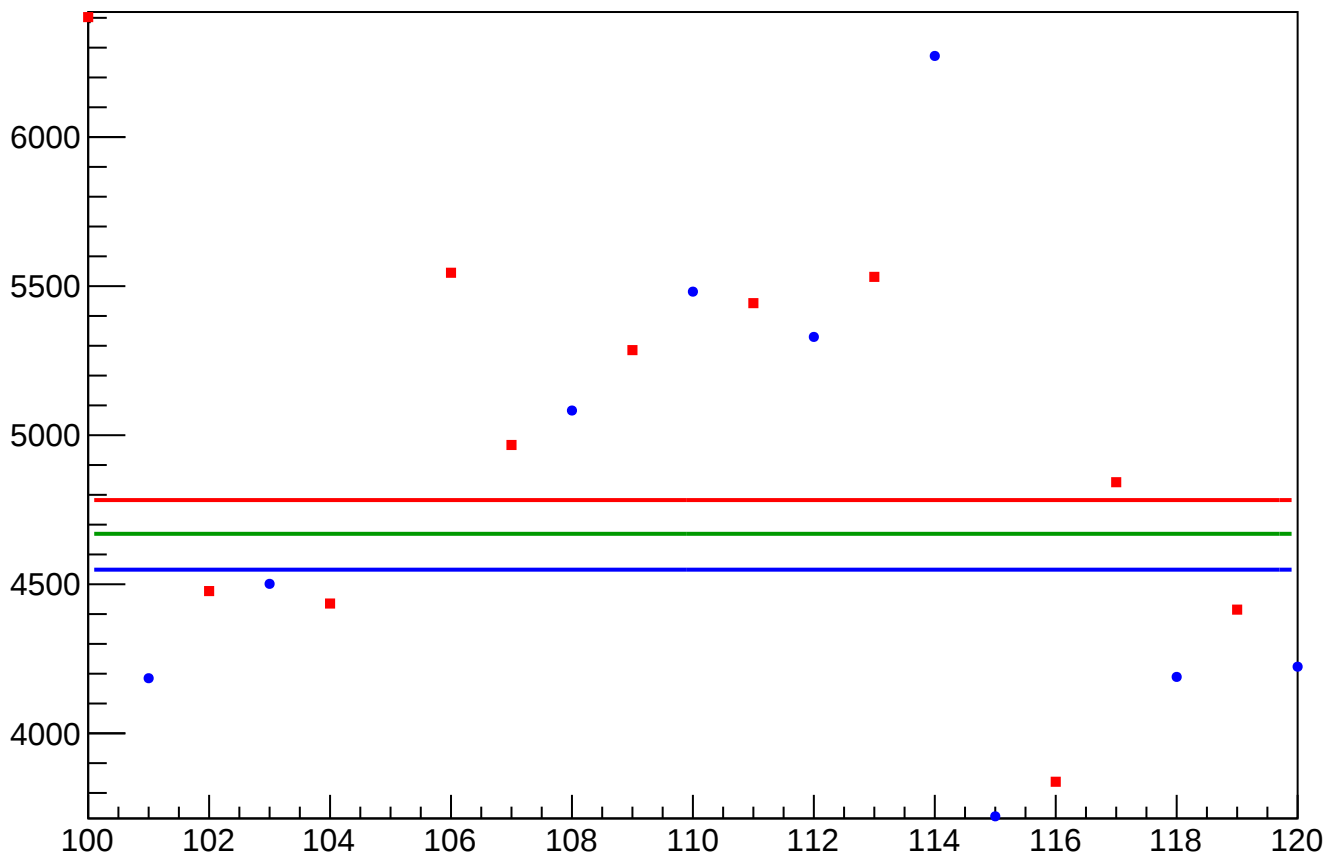
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2539.954+/-2492.077 χ^2/NDF : 7.8/8

-369.869+/-1735.039 χ^2/NDF : 17.5/19

-3107.175+/-2417.073 χ^2/NDF : 7.0/10

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4548.963+/-1.762 χ^2/NDF : 99539.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4782.399+/-1.709 χ^2/NDF : 108352.8/10

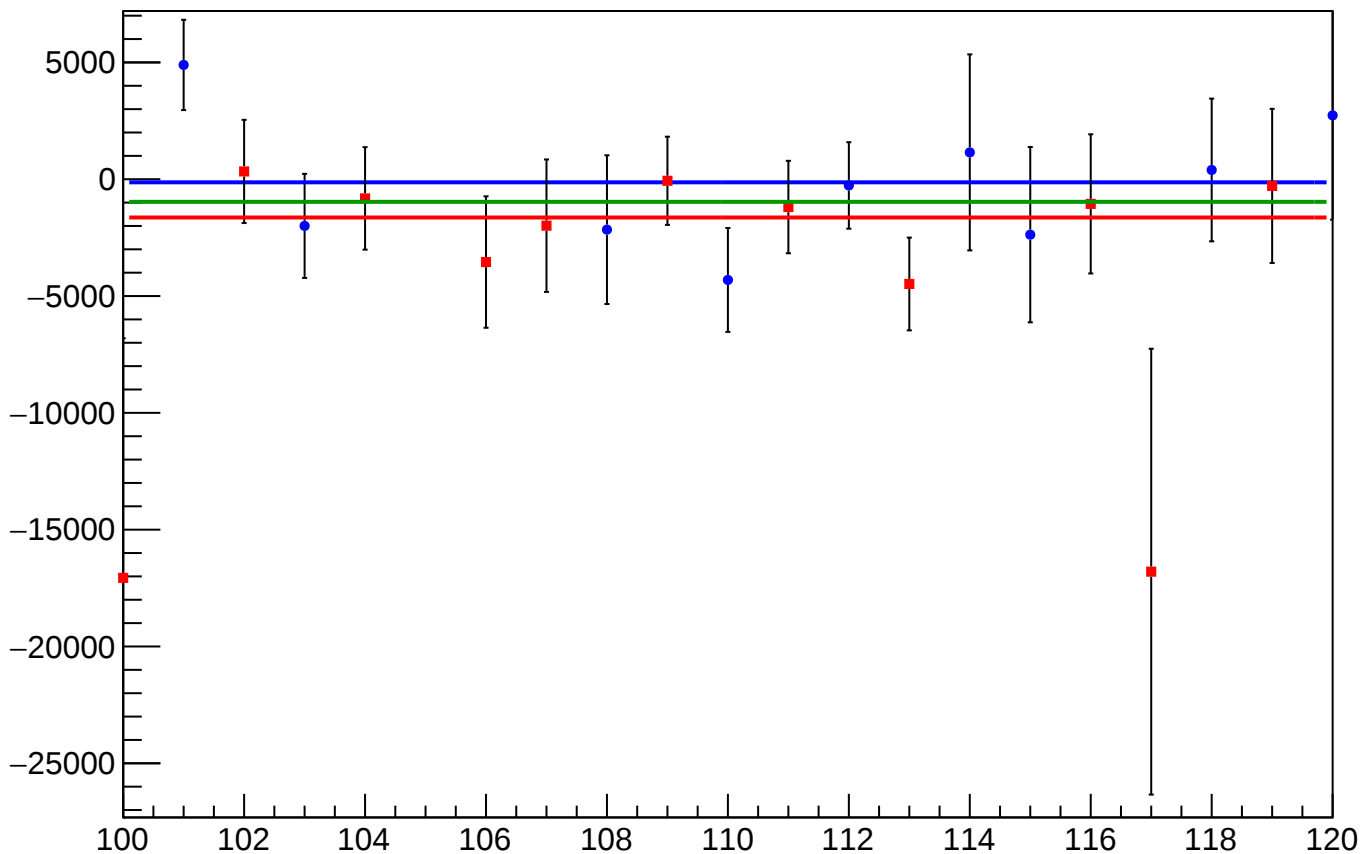
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4548.963+/-1.762 χ^2/NDF : 99539.6/8

4669.247+/-1.227 χ^2/NDF : 216934.8/19

4782.399+/-1.709 χ^2/NDF : 108352.8/10

asym_sam3_mean vs Slug, Sign Corrected



Right In: -132.346+/-861.527 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1637.999+/-771.797 χ^2/NDF : 9.2/10

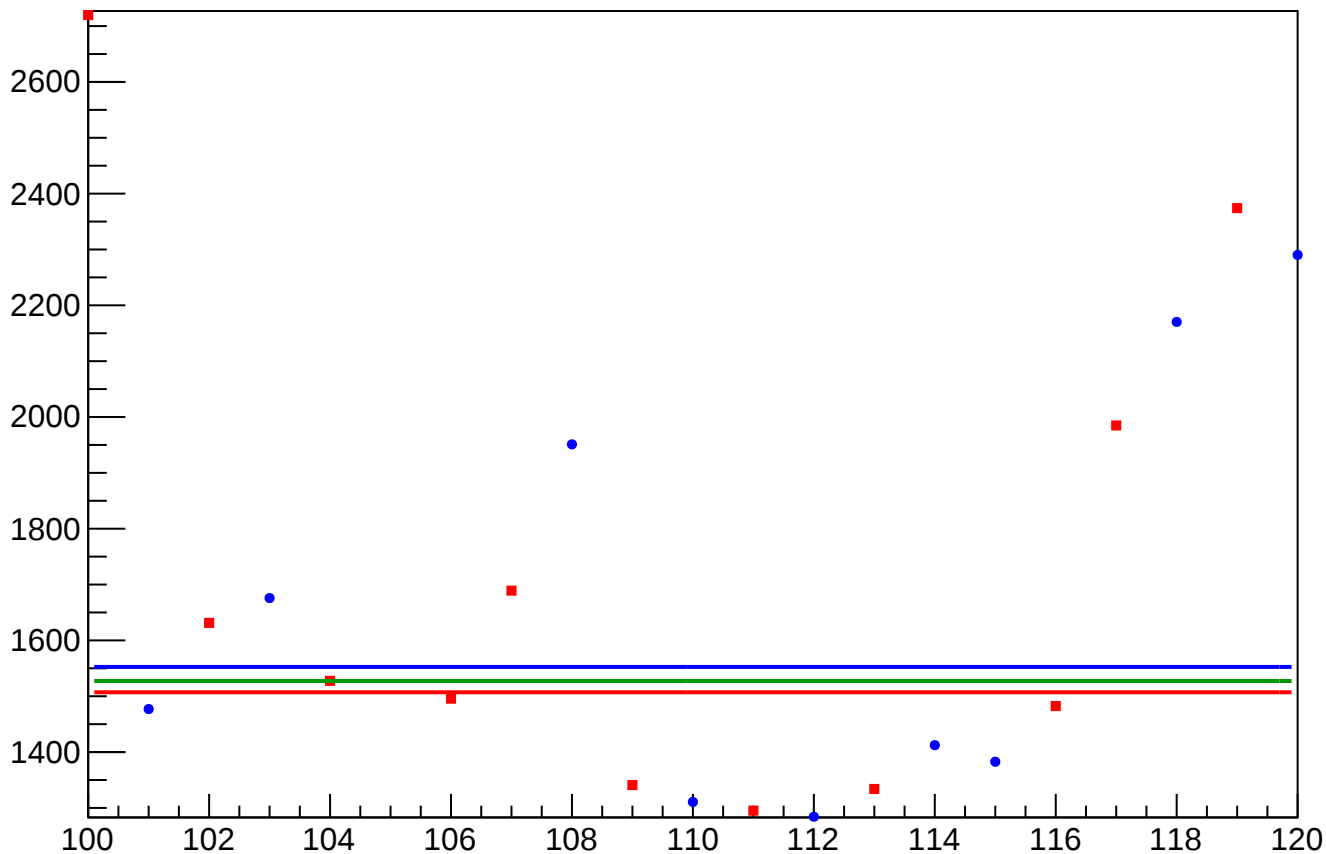
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-132.346+/-861.527 χ^2/NDF : 12.3/8

-967.640+/-574.857 χ^2/NDF : 23.2/19

-1637.999+/-771.797 χ^2/NDF : 9.2/10

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1552.493+/-0.609 χ^2/NDF : 248915.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1507.074+/-0.546 χ^2/NDF : 239798.7/10

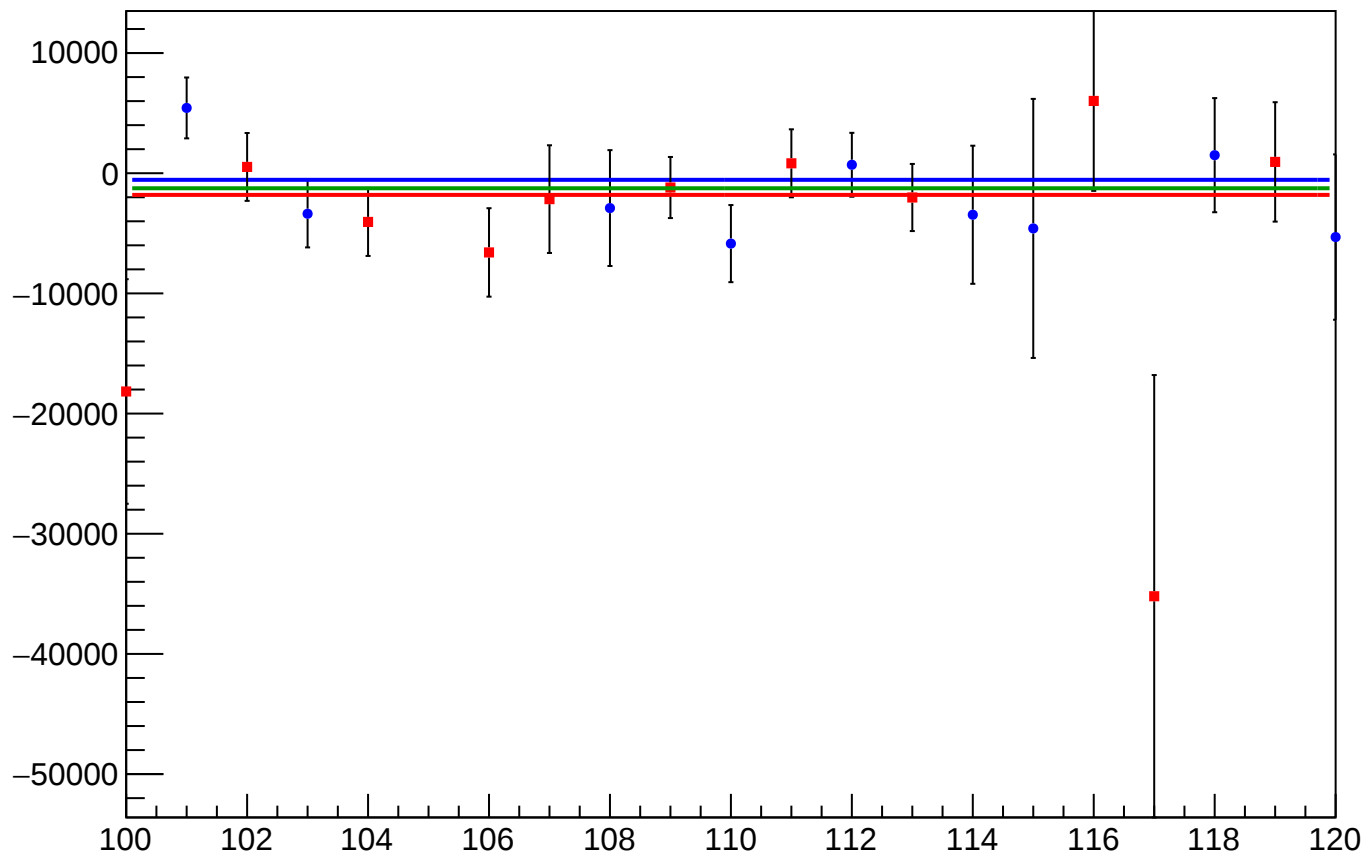
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1552.493+/-0.609 χ^2/NDF : 248915.4/8

1527.296+/-0.406 χ^2/NDF : 491797.8/19

1507.074+/-0.546 χ^2/NDF : 239798.7/10

asym_sam4_mean vs Slug, Sign Corrected



Right In: -549.066+/-1222.083 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1803.449+/-1081.734 χ^2/NDF : 11.7/10

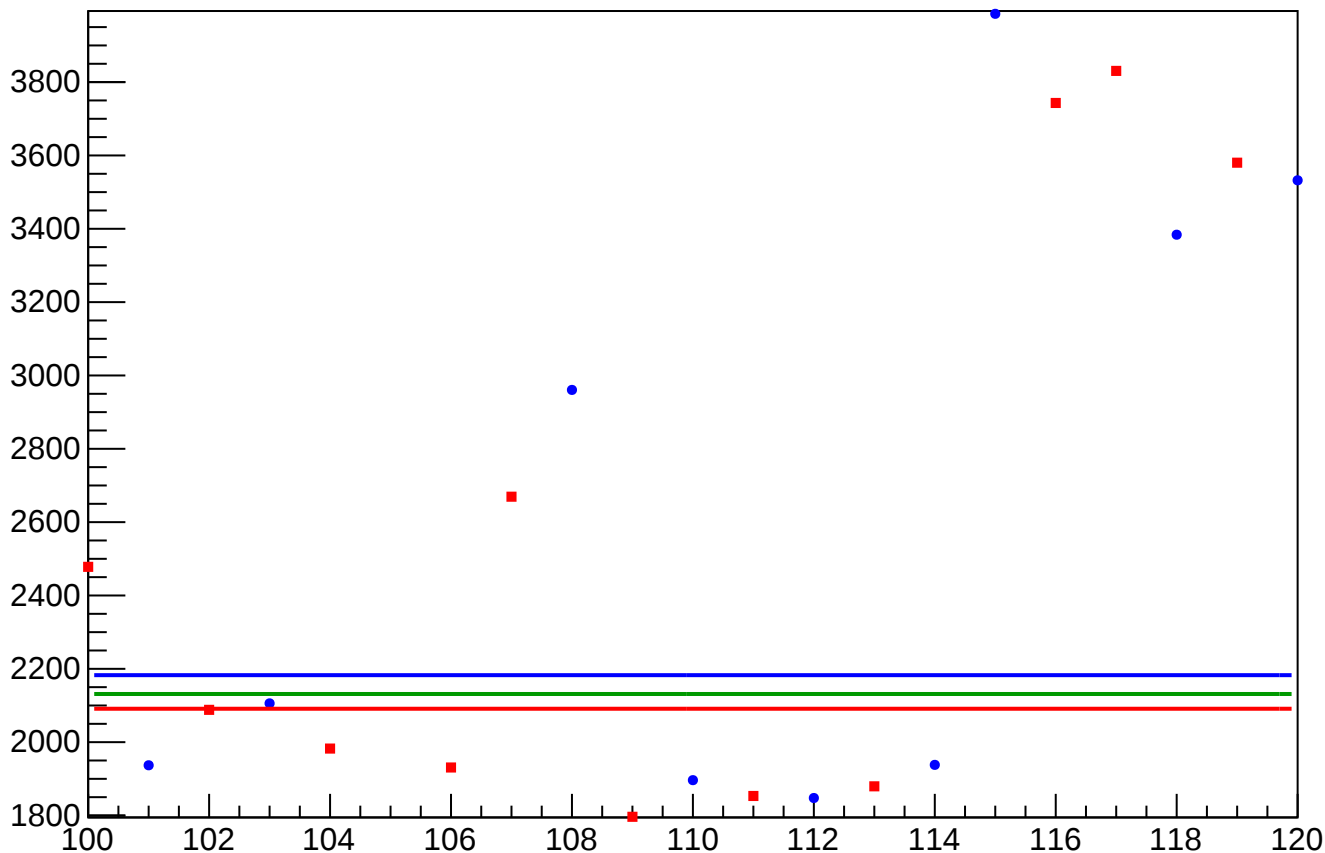
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-549.066+/-1222.083 χ^2/NDF : 10.9/8

-1252.392+/-809.998 χ^2/NDF : 23.1/19

-1803.449+/-1081.734 χ^2/NDF : 11.7/10

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2182.729+/-0.864 χ^2/NDF : 384639.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.142+/-0.765 χ^2/NDF : 390996.6/10

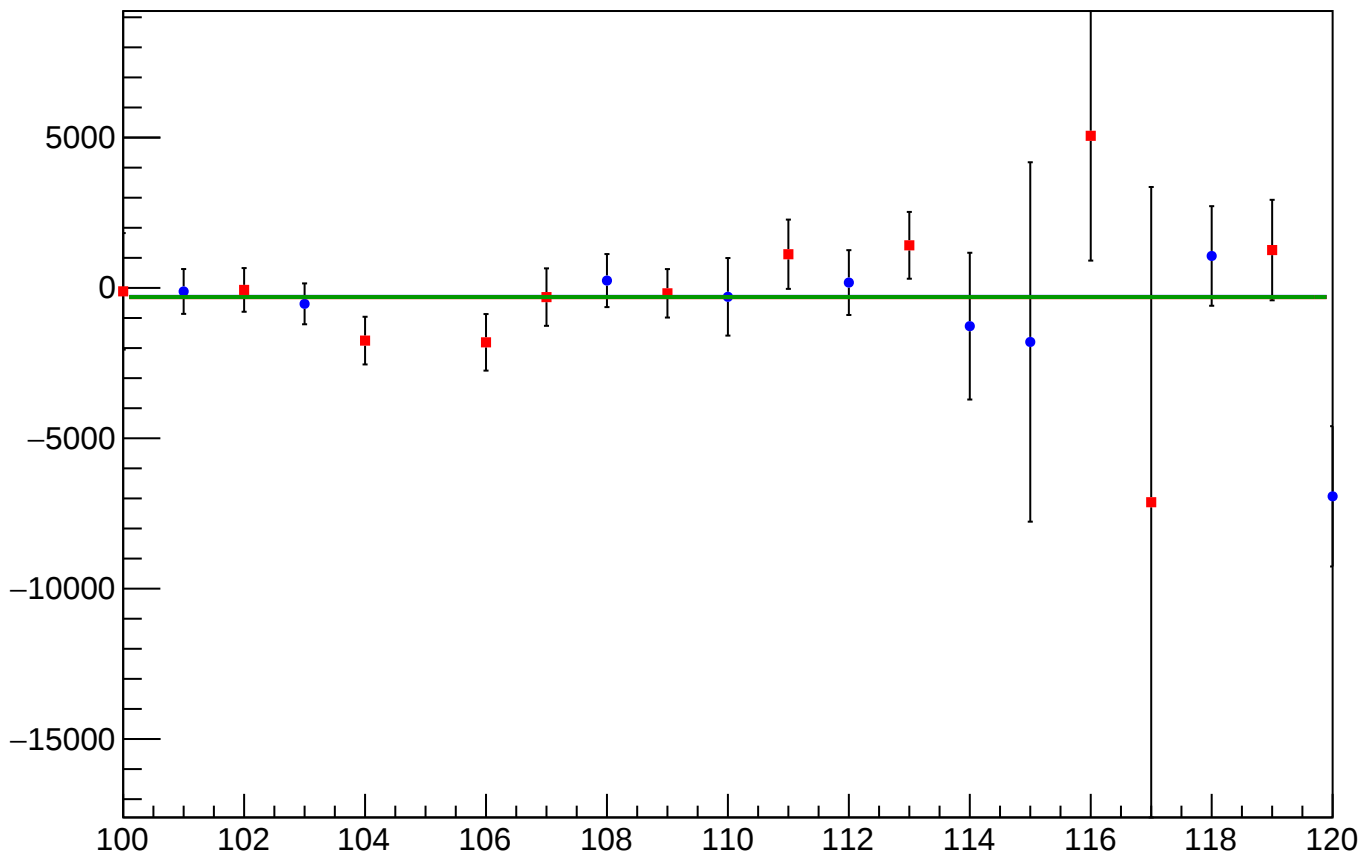
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2182.729+/-0.864 χ^2/NDF : 384639.6/8

2131.377+/-0.573 χ^2/NDF : 781934.4/19

2091.142+/-0.765 χ^2/NDF : 390996.6/10

asym_sam5_mean vs Slug, Sign Corrected



Right In: -297.209+/-366.255 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.844+/-324.334 χ^2/NDF : 12.9/10

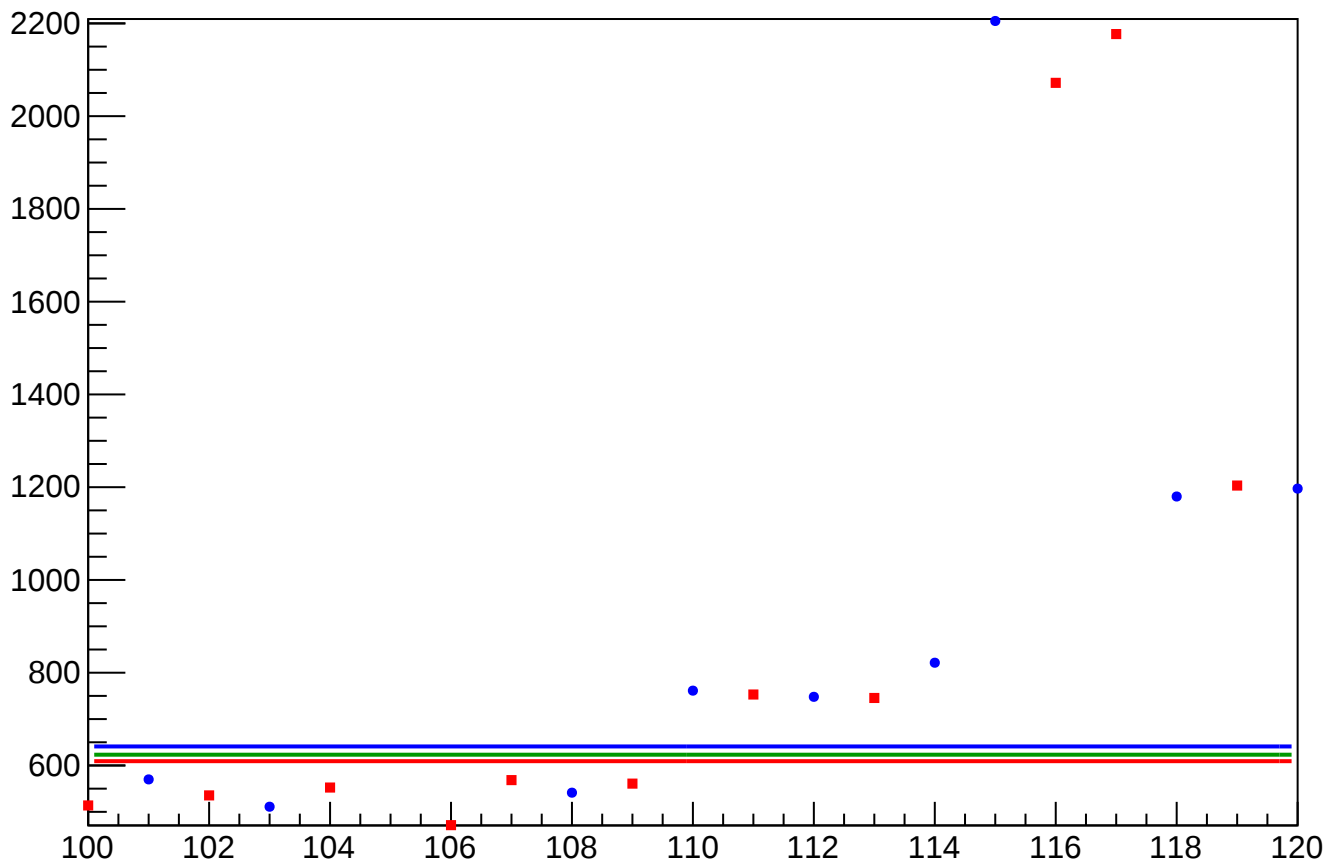
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-297.209+/-366.255 χ^2/NDF : 9.7/8

-303.170+/-242.813 χ^2/NDF : 22.7/19

-307.844+/-324.334 χ^2/NDF : 12.9/10

asym_sam5_rms vs Slug, Sign Corrected



Right In: 641.000+/-0.259 χ^2/NDF : 627291.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.253+/-0.229 χ^2/NDF : 697123.6/10

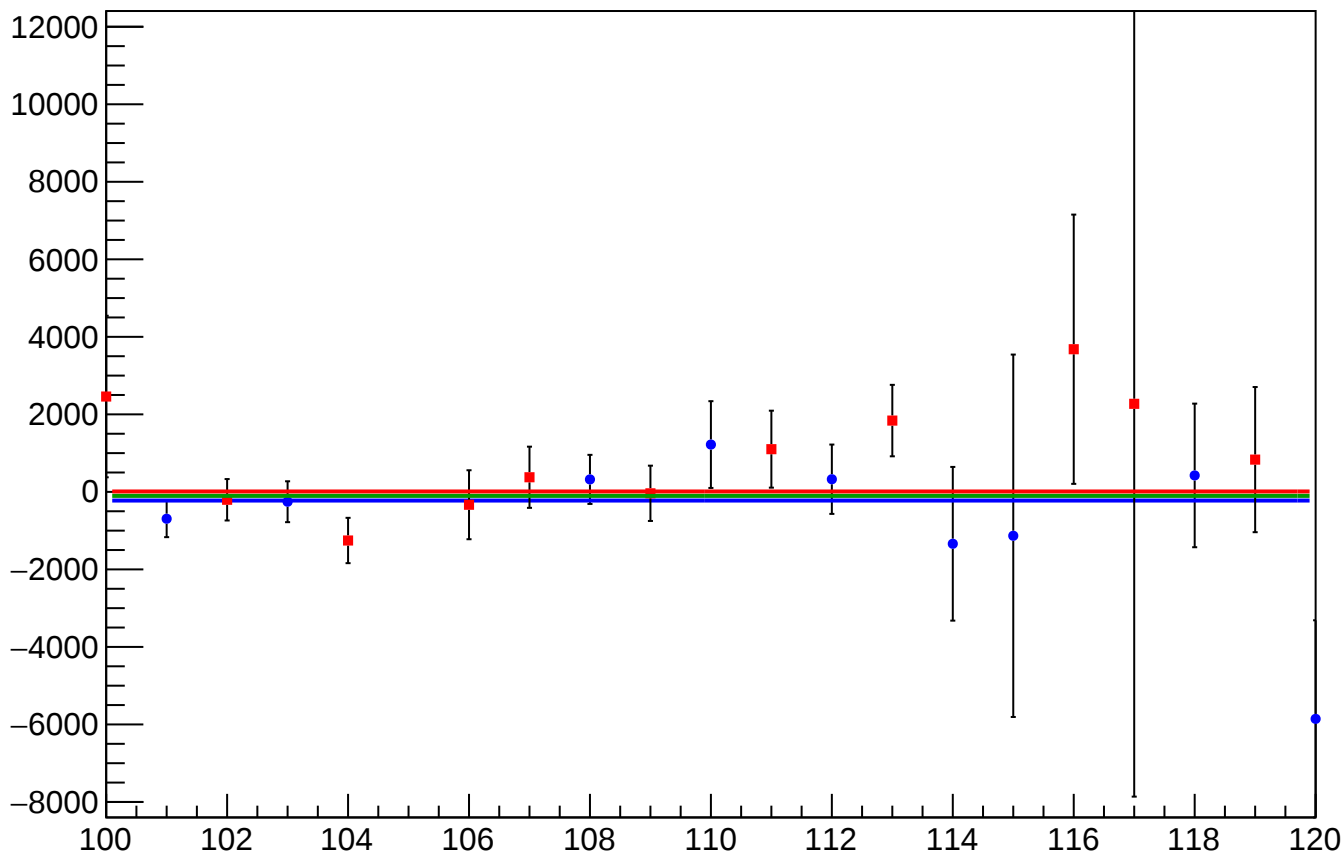
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

641.000+/-0.259 χ^2/NDF : 627291.5/8

623.207+/-0.172 χ^2/NDF : 1332837.5/19

609.253+/-0.229 χ^2/NDF : 697123.6/10

asym_sam6_mean vs Slug, Sign Corrected



Right In: -223.652+/-273.978 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.356+/-266.710 χ^2/NDF : 13.1/10

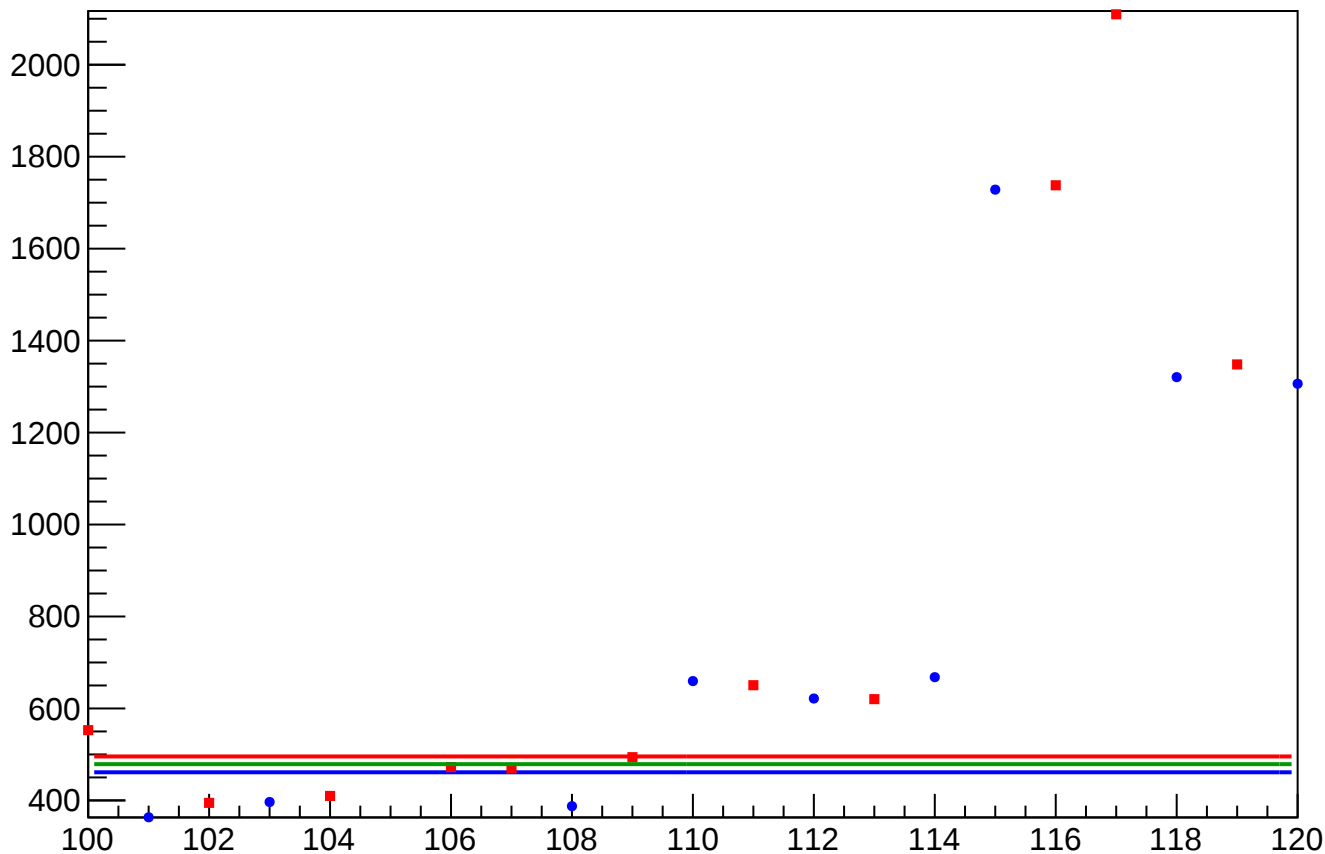
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-223.652+/-273.978 χ^2/NDF : 9.1/8

-103.503+/-191.110 χ^2/NDF : 22.6/19

10.356+/-266.710 χ^2/NDF : 13.1/10

asym_sam6_rms vs Slug, Sign Corrected



Right In: 461.183+/-0.194 χ^2/NDF : 1089297.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.622+/-0.189 χ^2/NDF : 925850.0/10

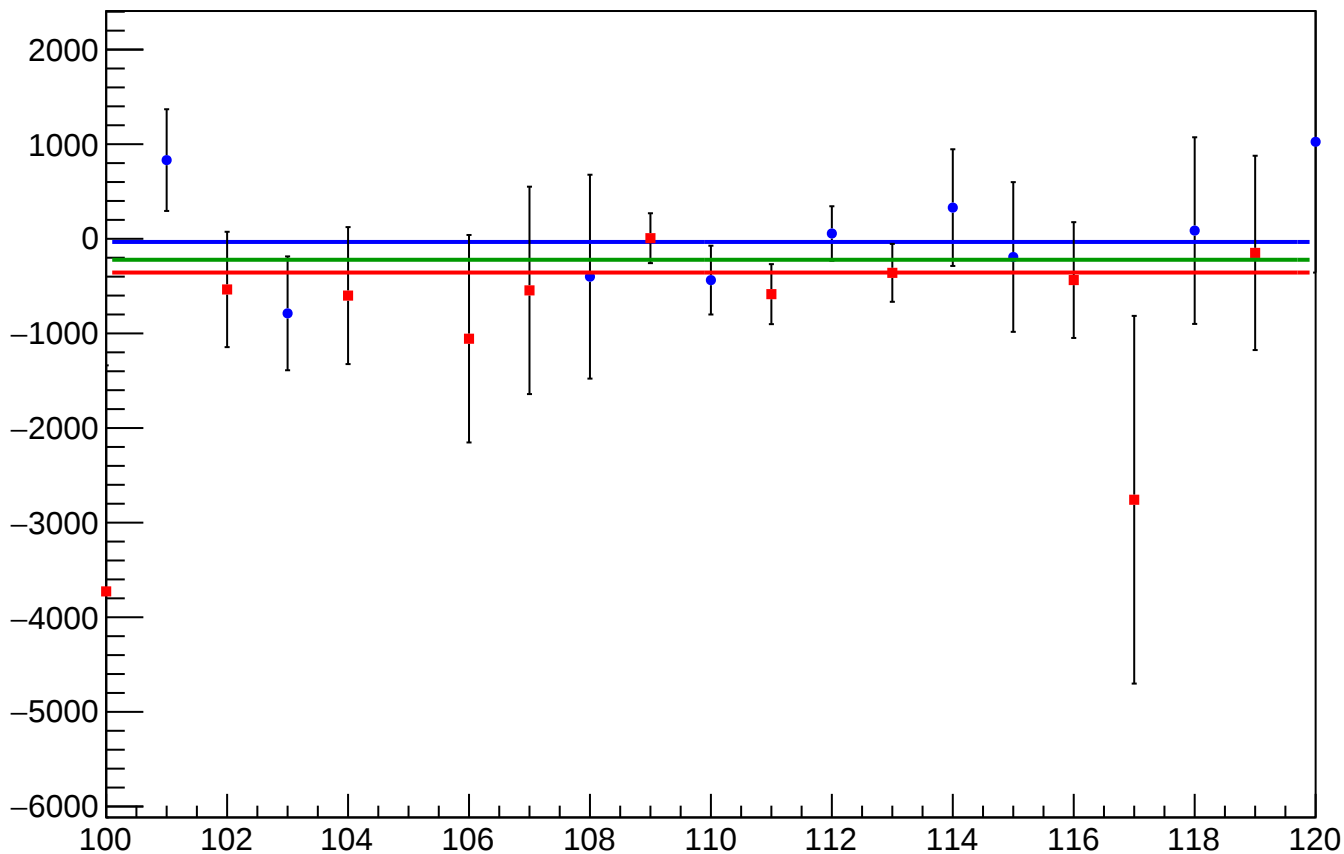
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

461.183+/-0.194 χ^2/NDF : 1089297.5/8

478.865+/-0.135 χ^2/NDF : 2031372.5/19

495.622+/-0.189 χ^2/NDF : 925850.0/10

asym_sam7_mean vs Slug, Sign Corrected



Right In: -33.321 ± 175.424 χ^2/NDF : 6.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -356.661 ± 148.513 χ^2/NDF : 6.6/10

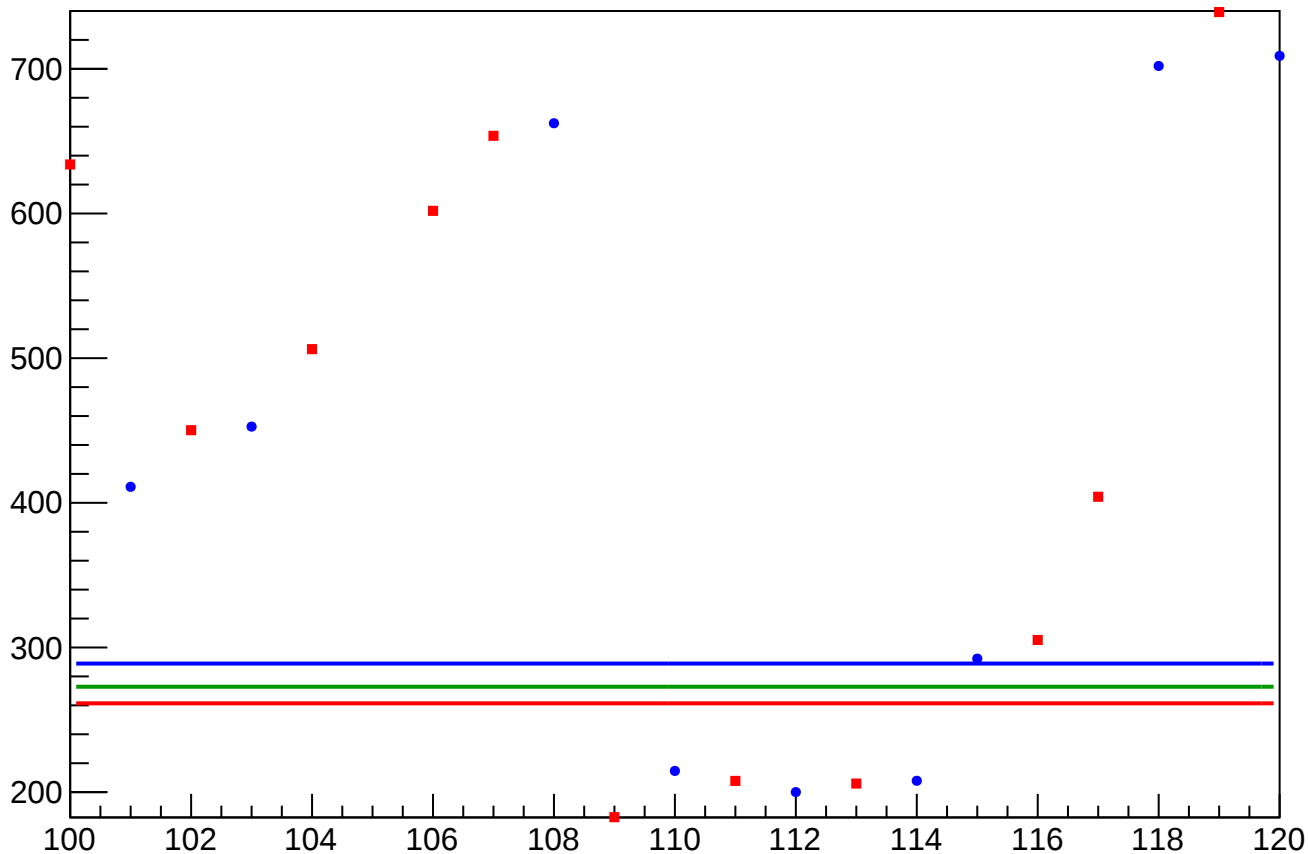
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-33.321 ± 175.424 χ^2/NDF : 6.6/8

-221.668 ± 113.348 χ^2/NDF : 15.2/19

-356.661 ± 148.513 χ^2/NDF : 6.6/10

asym_sam7_rms vs Slug, Sign Corrected



Right In: 288.900+/-0.124 χ^2/NDF : 1335817.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.397+/-0.105 χ^2/NDF : 1673763.4/10

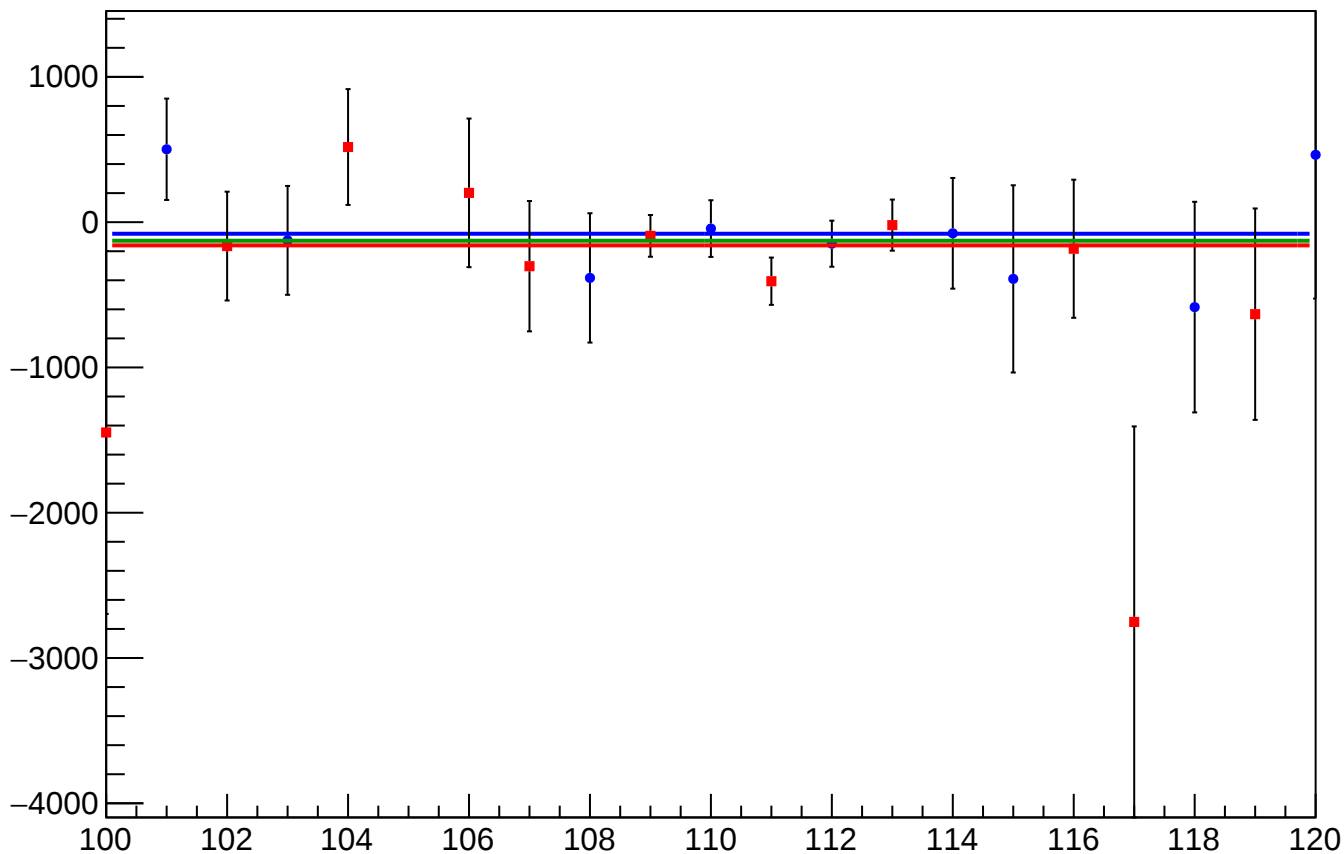
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

288.900+/-0.124 χ^2/NDF : 1335817.9/8

272.879+/-0.080 χ^2/NDF : 3038218.2/19

261.397+/-0.105 χ^2/NDF : 1673763.4/10

asym_sam8_mean vs Slug, Sign Corrected



Right In: -79.757 ± 100.683 χ^2/NDF : 4.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -159.713 ± 82.131 χ^2/NDF : 11.8/10

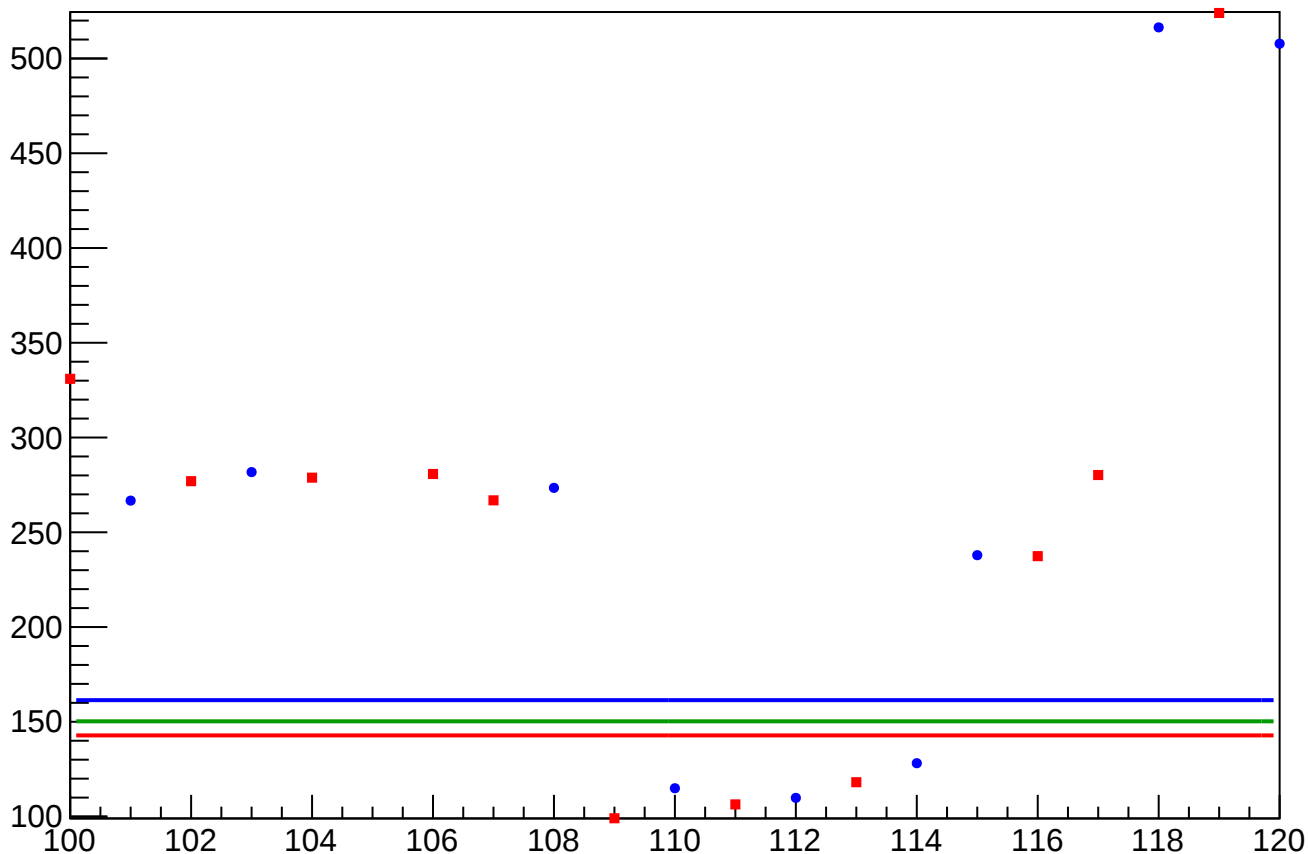
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-79.757 ± 100.683 χ^2/NDF : 4.5/8

-127.767 ± 63.642 χ^2/NDF : 16.7/19

-159.713 ± 82.131 χ^2/NDF : 11.8/10

asym_sam8_rms vs Slug, Sign Corrected



Right In: 161.419+/-0.071 χ^2/NDF : 1608038.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.819+/-0.058 χ^2/NDF : 1807074.2/10

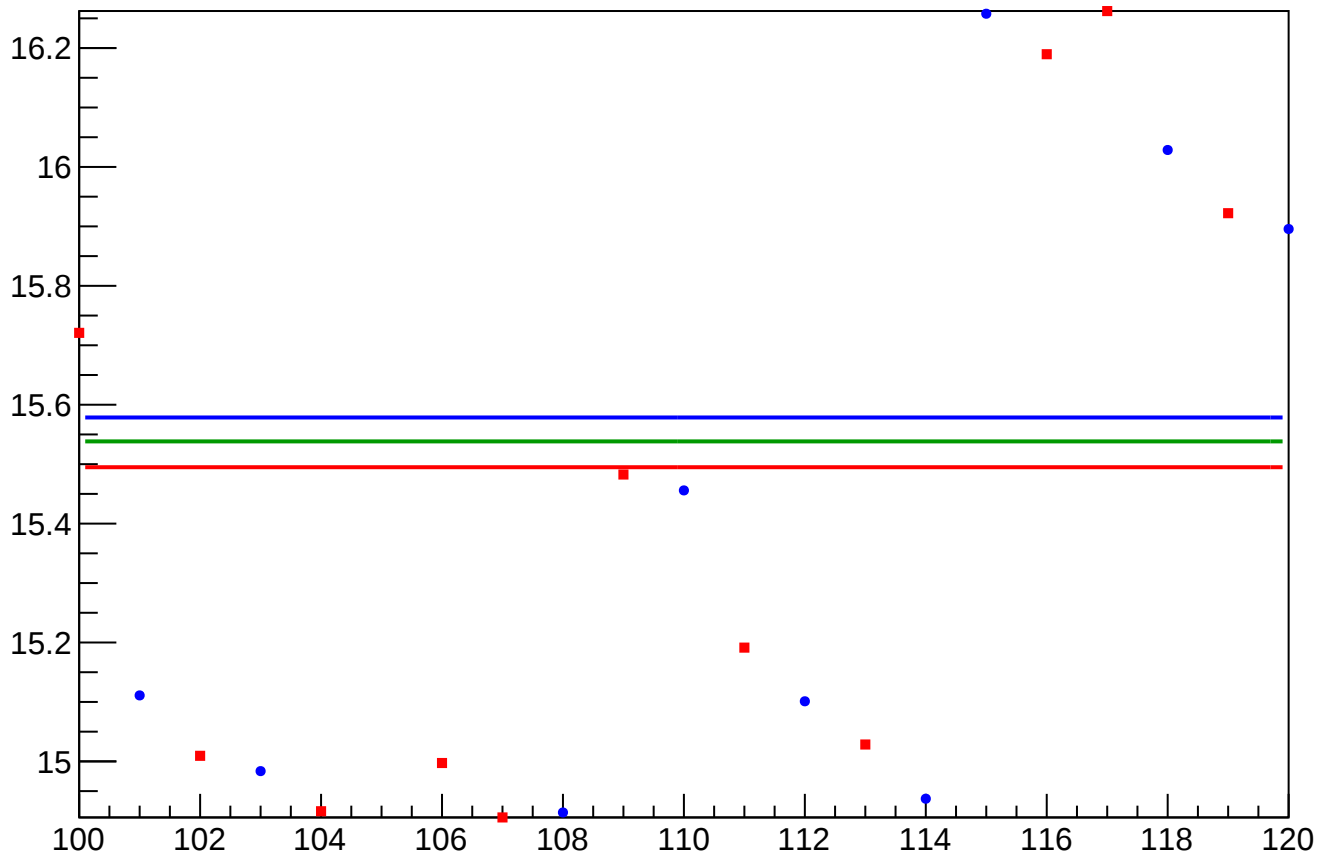
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

161.419+/-0.071 χ^2/NDF : 1608038.4/8

150.251+/-0.045 χ^2/NDF : 3456095.4/19

142.819+/-0.058 χ^2/NDF : 1807074.2/10

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.579+/-0.000 χ^2/NDF : 1973387469.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.495+/-0.000 χ^2/NDF : 1851715351.5/10

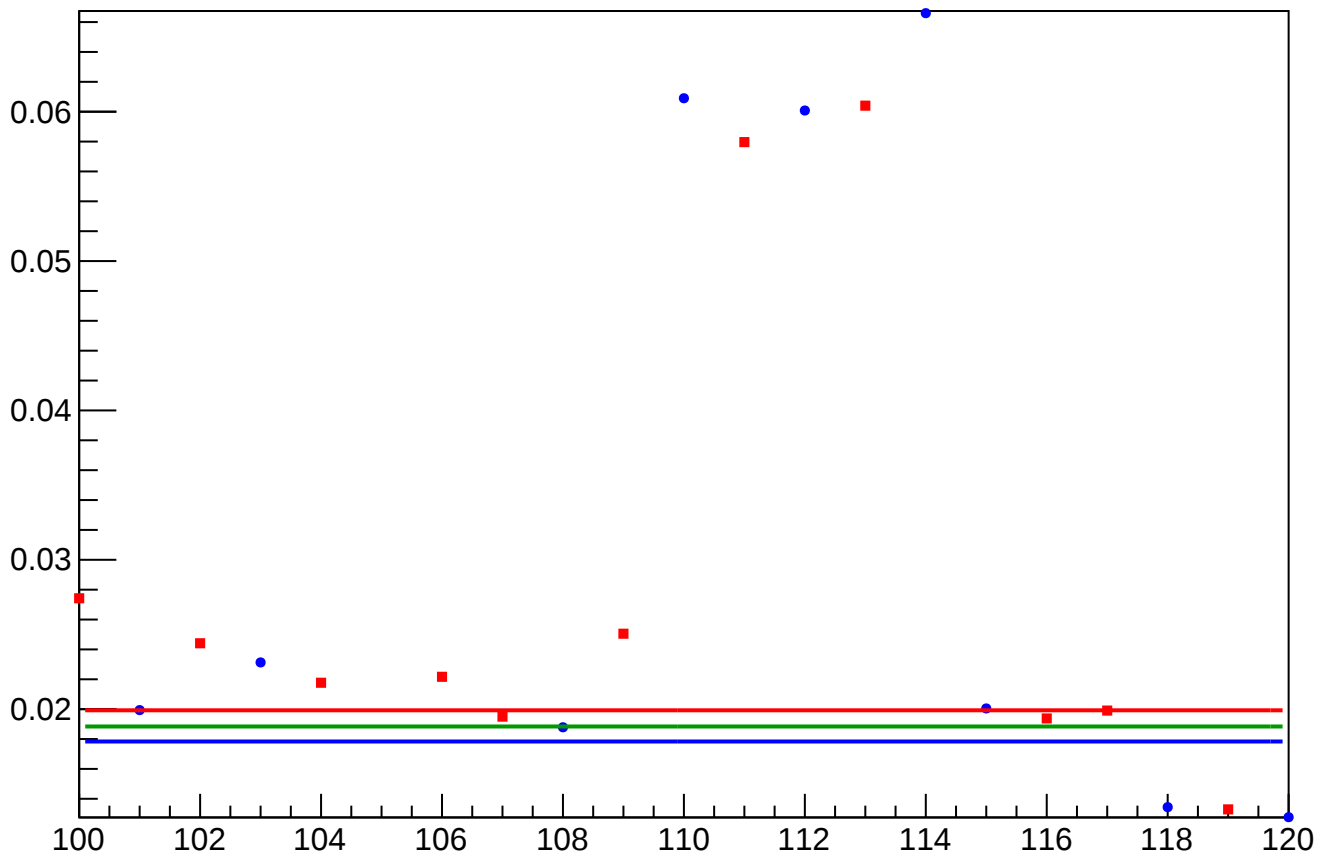
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.579+/-0.000 χ^2/NDF : 1973387469.9/8

15.538+/-0.000 χ^2/NDF : 3852614054.8/1

15.495+/-0.000 χ^2/NDF : 1851715351.5/10

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.000 χ^2 /NDF: 1133308.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1067231.3/10

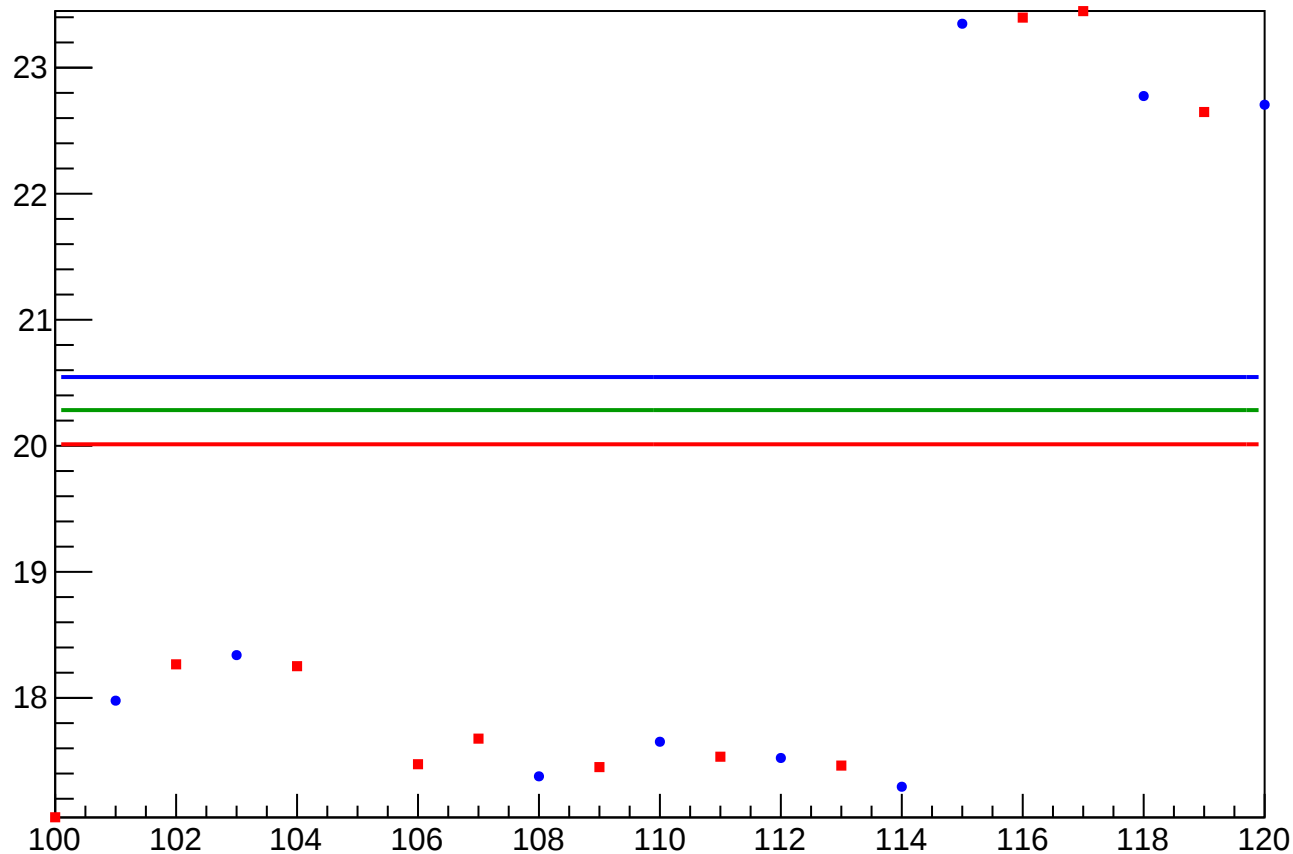
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.018 $\pm$ 0.000 χ^2 /NDF: 1133308.8/8

0.019 $\pm$ 0.000 χ^2 /NDF: 2234822.5/19

0.020 $\pm$ 0.000 χ^2 /NDF: 1067231.3/10

yield_sam2_mean vs Slug, Sign Corrected



Right In: 20.546+/-0.000 χ^2/NDF : 550626880.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.012+/-0.000 χ^2/NDF : 562832049.2/10

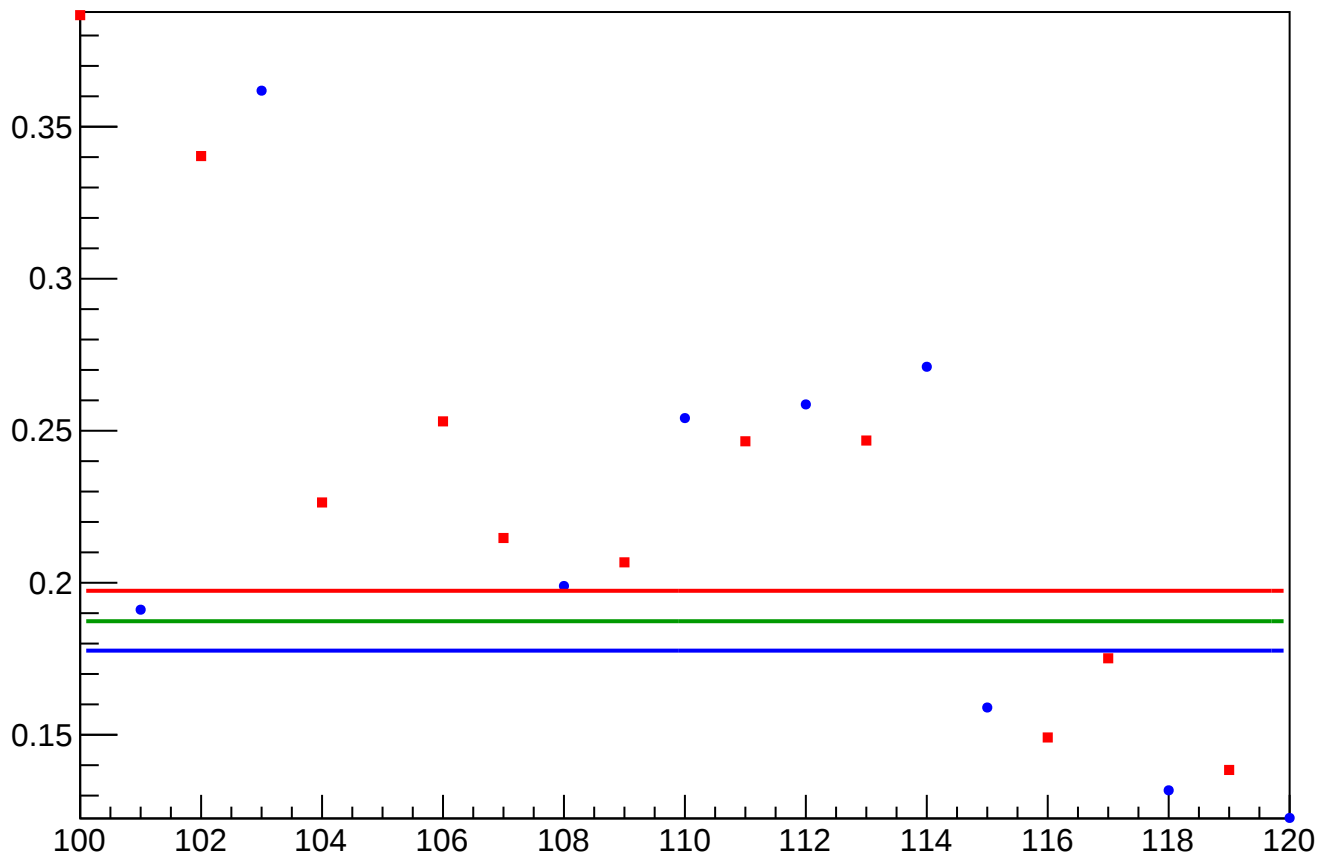
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.546+/-0.000 χ^2/NDF : 550626880.8/8

20.283+/-0.000 χ^2/NDF : 1125485884.2/10

20.012+/-0.000 χ^2/NDF : 562832049.2/10

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.178+/-0.000 χ^2/NDF : 682431.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.197+/-0.000 χ^2/NDF : 544456.7/10

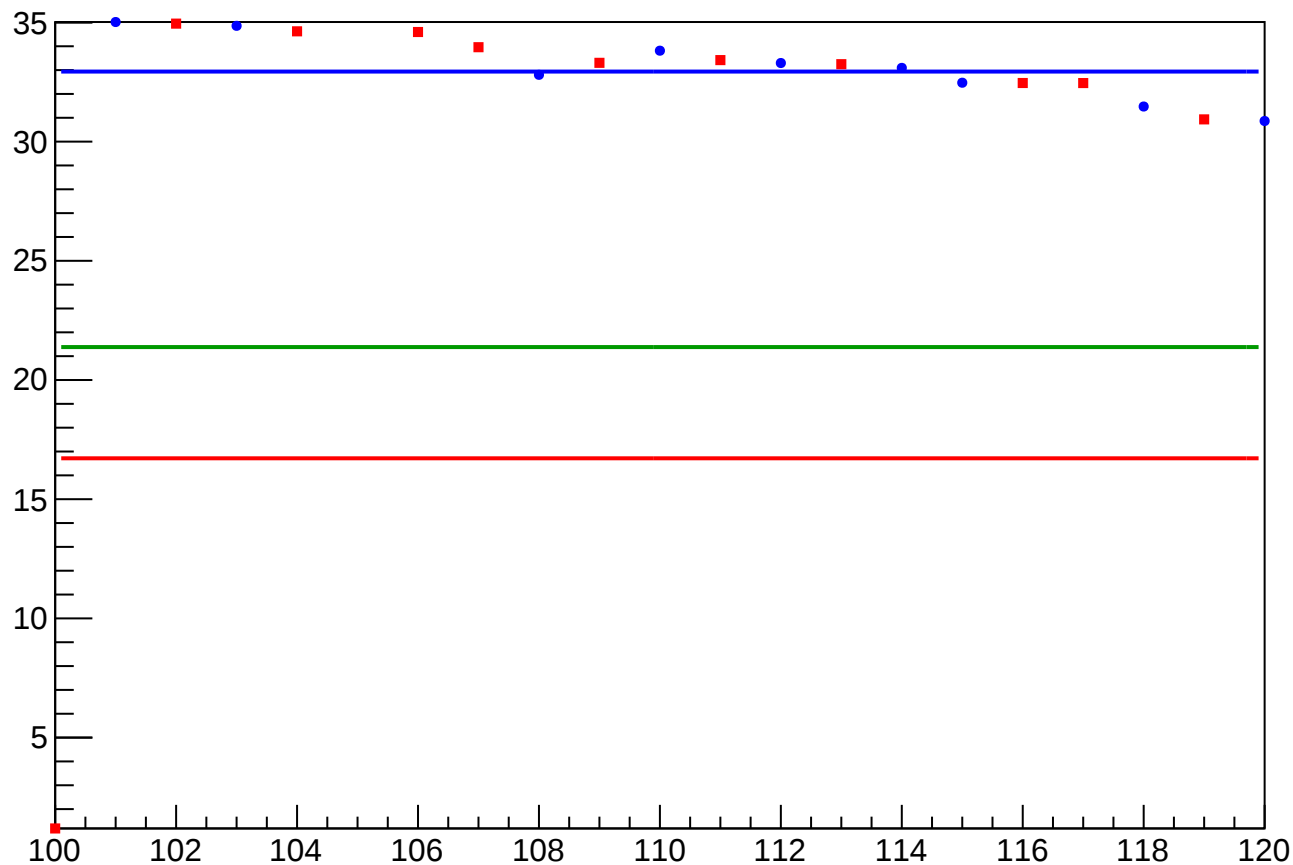
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.178+/-0.000 χ^2/NDF : 682431.1/8

0.187+/-0.000 χ^2/NDF : 1259629.1/19

0.197+/-0.000 χ^2/NDF : 544456.7/10

yield_sam3_mean vs Slug, Sign Corrected



Right In: 32.939+/-0.000 χ^2/NDF : 355484296.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.716+/-0.000 χ^2/NDF : 176489684922.5/10

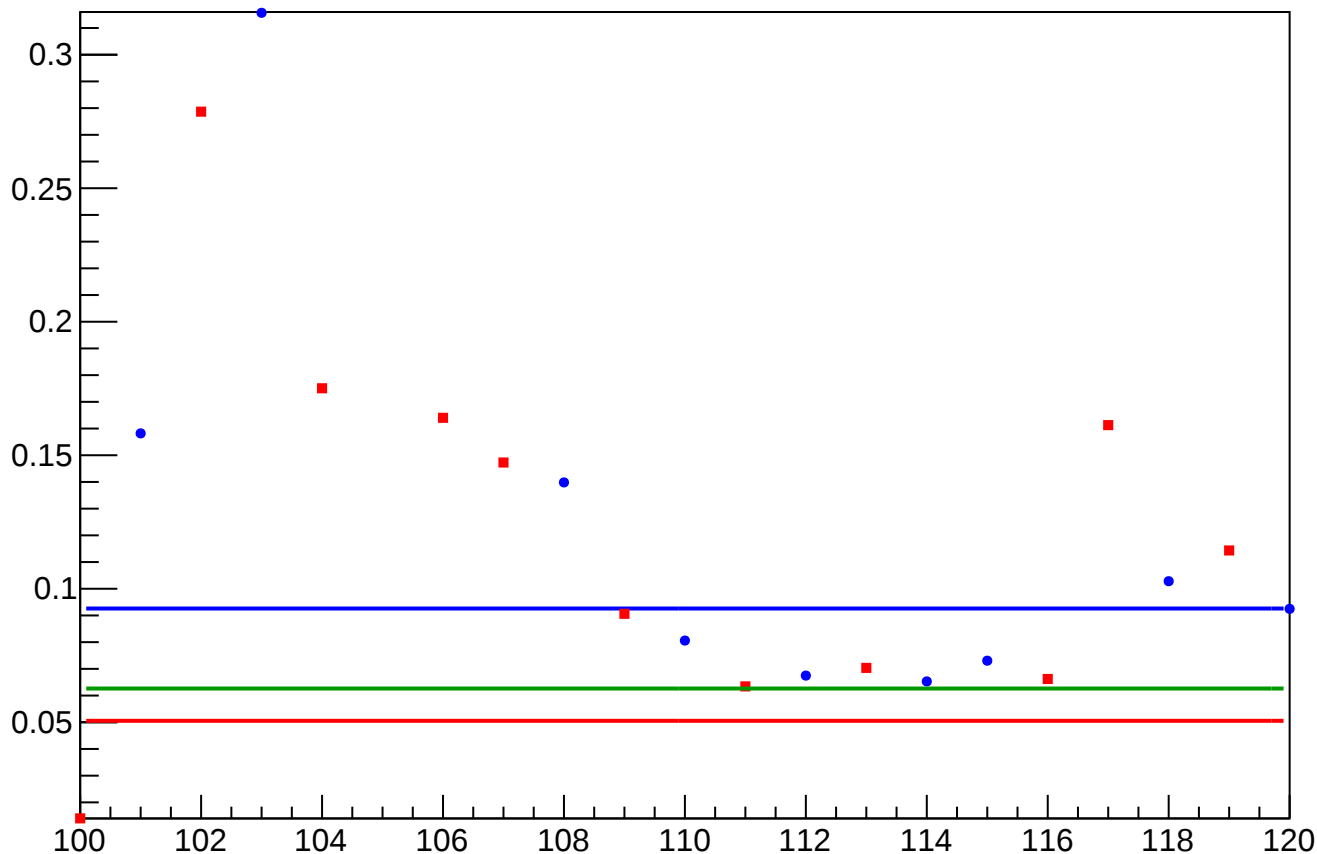
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.939+/-0.000 χ^2/NDF : 355484296.2/8

21.382+/-0.000 χ^2/NDF : 229299547627.3

16.716+/-0.000 χ^2/NDF : 176489684922.5/10

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 971799.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 3043070.7/10

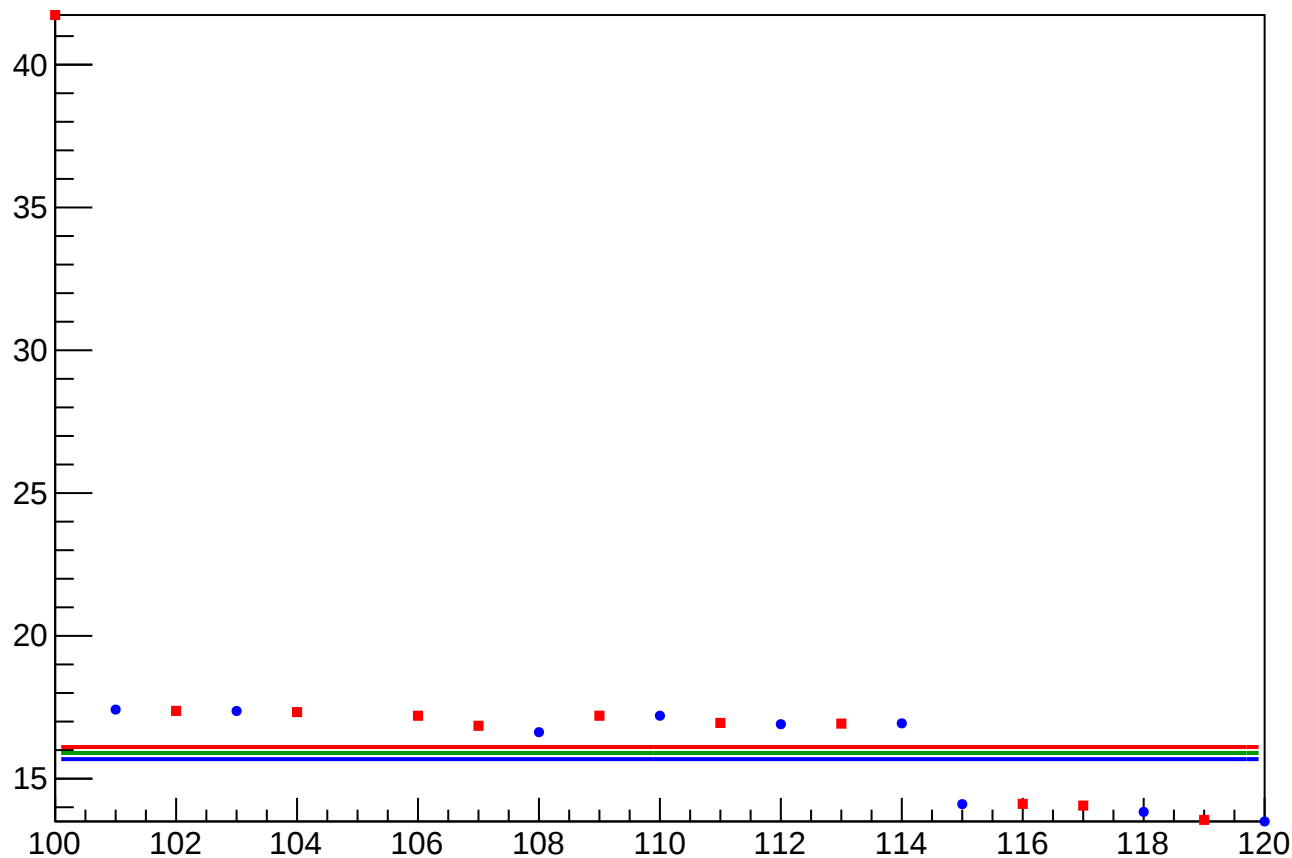
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.093+/-0.000 χ^2/NDF : 971799.9/8

0.063+/-0.000 χ^2/NDF : 4720017.1/19

0.051+/-0.000 χ^2/NDF : 3043070.7/10

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.684+/-0.000 χ^2/NDF : 842997325.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.109+/-0.000 χ^2/NDF : 982534991.7/10

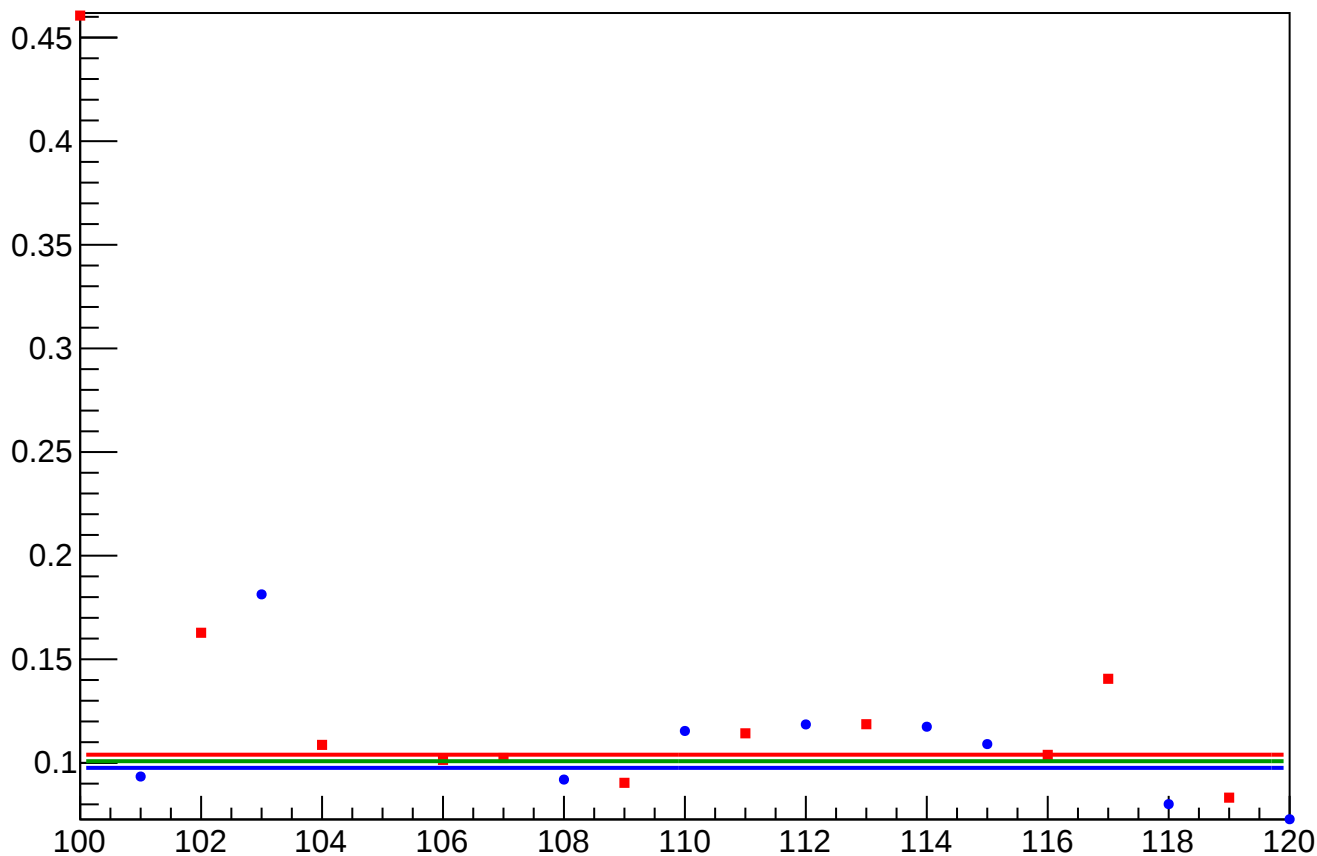
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.684+/-0.000 χ^2/NDF : 842997325.5/8

15.899+/-0.000 χ^2/NDF : 1852749094.5/1

16.109+/-0.000 χ^2/NDF : 982534991.7/10

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.098 $\pm$ 0.000 χ^2 /NDF: 392151.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.104 $\pm$ 0.000 χ^2 /NDF: 319040.2/10

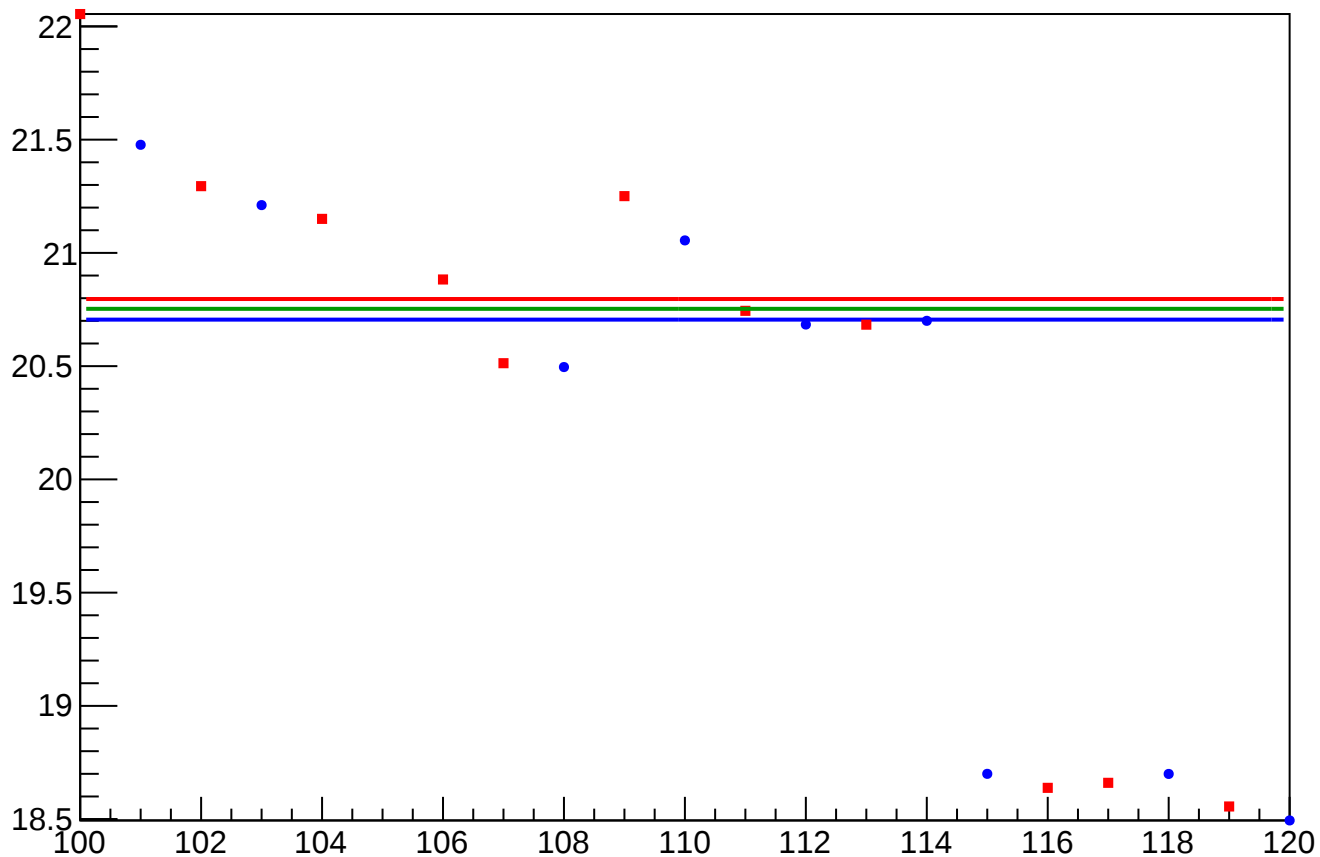
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.098 $\pm$ 0.000 χ^2 /NDF: 392151.1/8

0.101 $\pm$ 0.000 χ^2 /NDF: 723411.6/19

0.104 $\pm$ 0.000 χ^2 /NDF: 319040.2/10

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.705+/-0.000 χ^2/NDF : 3222345657.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.796+/-0.000 χ^2/NDF : 2486459452.9/10

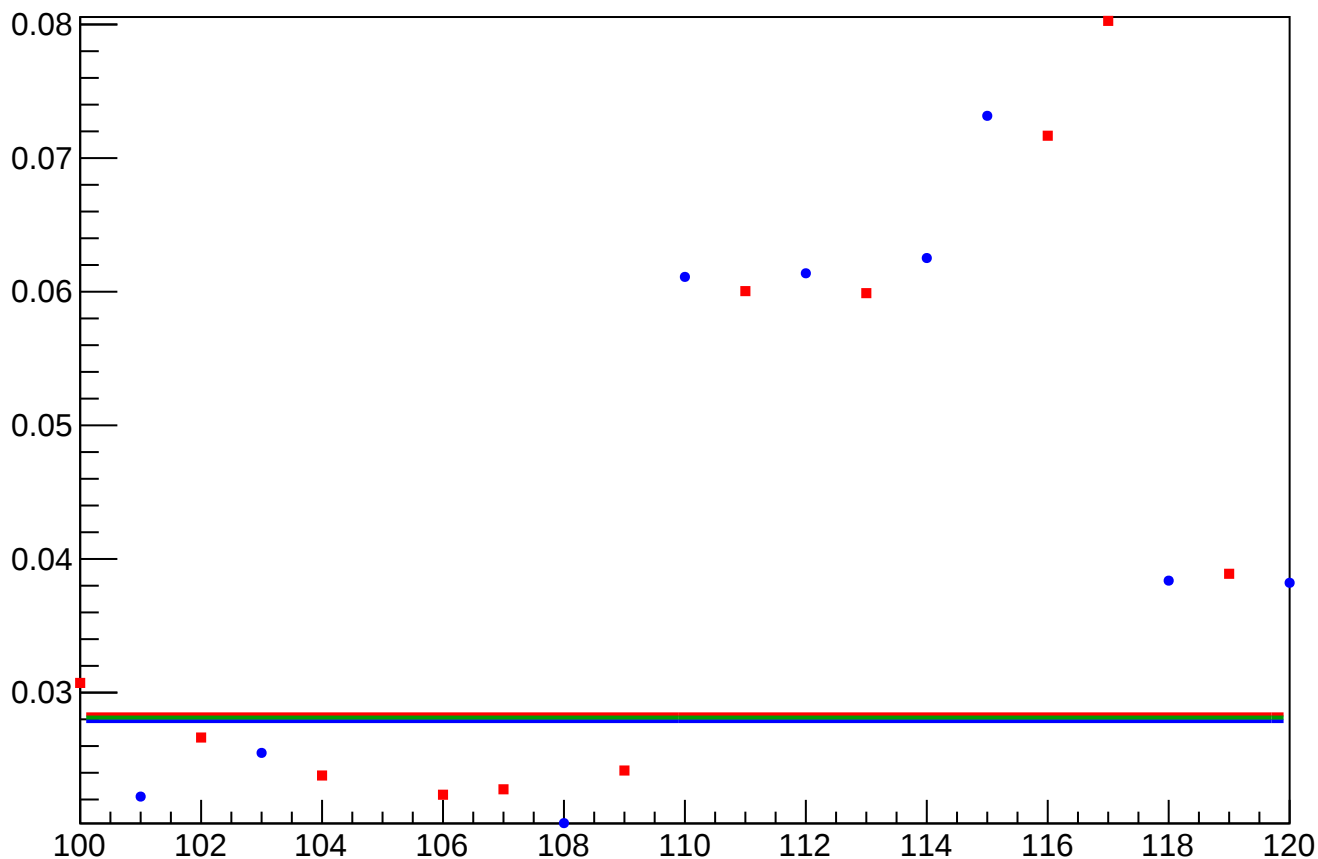
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.705+/-0.000 χ^2/NDF : 3222345657.8/8

20.753+/-0.000 χ^2/NDF : 5723936635.7/1

20.796+/-0.000 χ^2/NDF : 2486459452.9/10

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 906580.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 877697.0/10

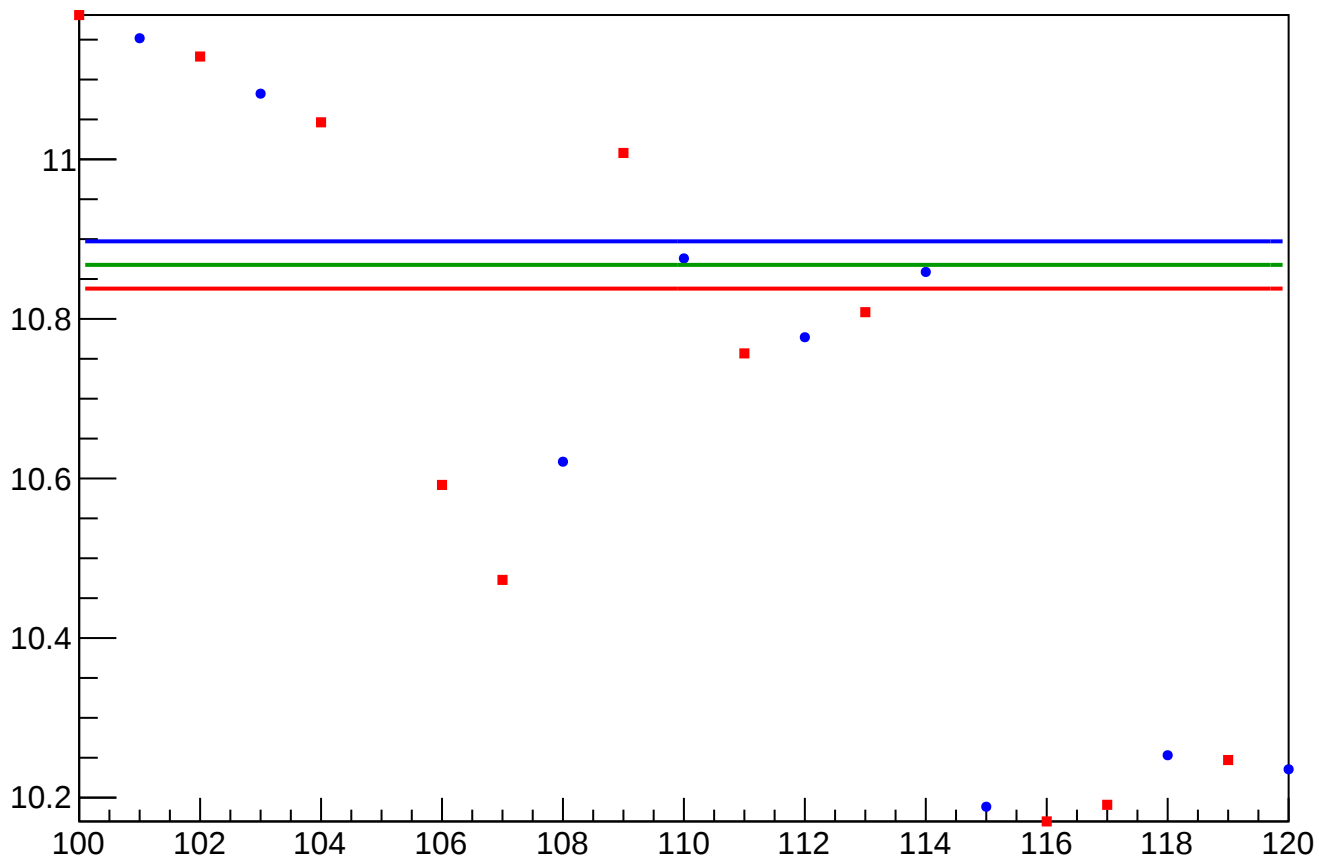
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 906580.6/8

0.028+/-0.000 χ^2/NDF : 1785205.6/19

0.028+/-0.000 χ^2/NDF : 877697.0/10

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.897+/-0.000 χ^2/NDF : 1666919204.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.838+/-0.000 χ^2/NDF : 1450012553.6/10

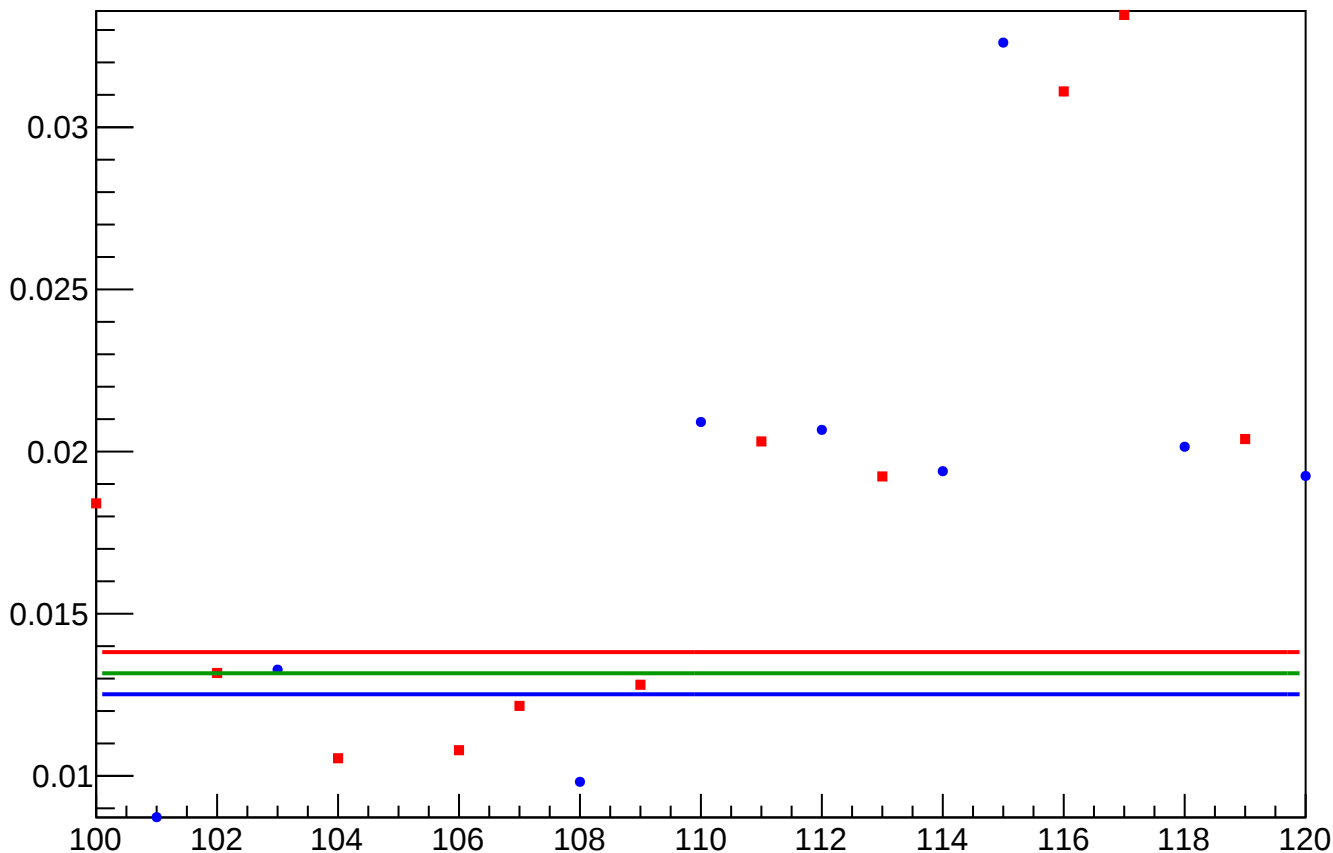
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.897+/-0.000 χ^2/NDF : 1666919204.2/8

10.868+/-0.000 χ^2/NDF : 3147207476.9/1

10.838+/-0.000 χ^2/NDF : 1450012553.6/10

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 818553.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 579769.4/10

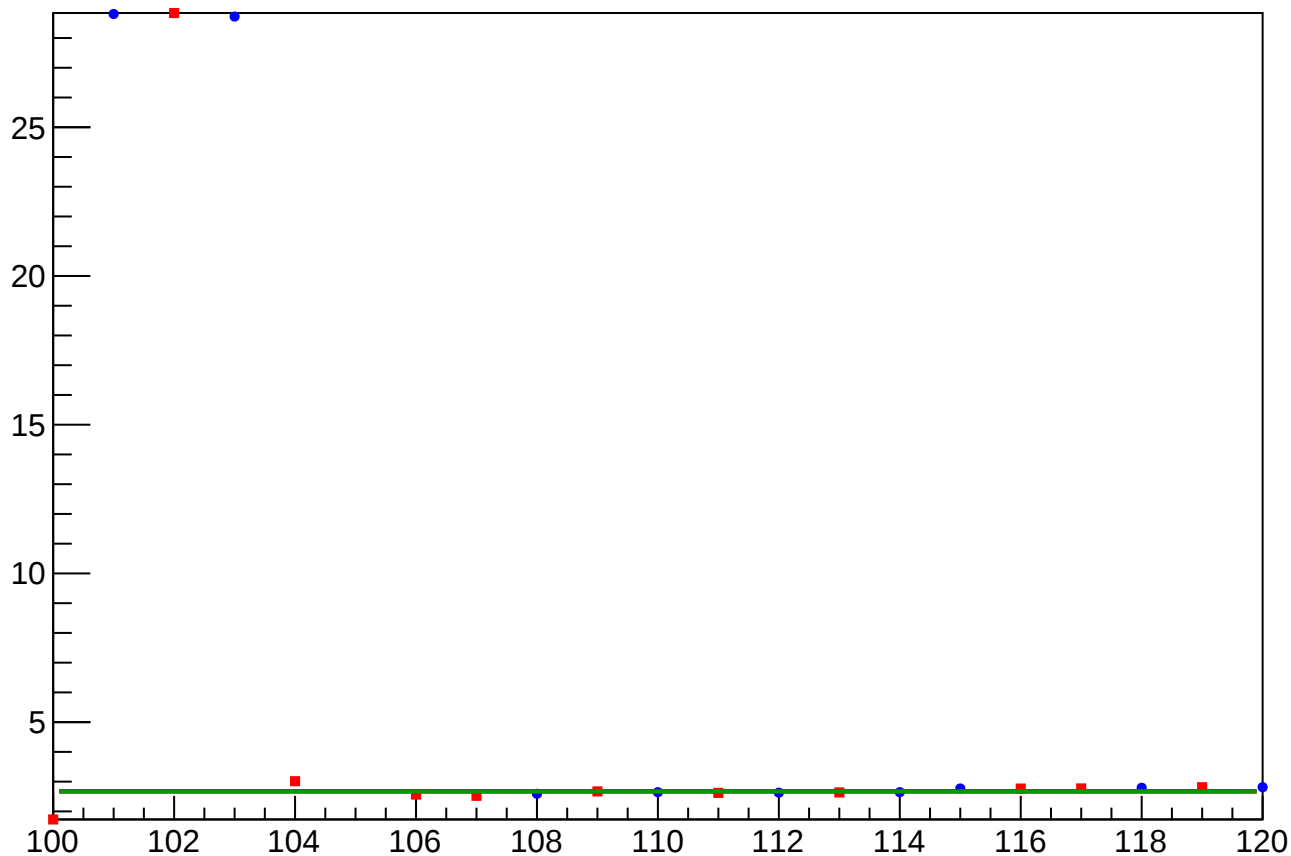
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 818553.6/8

0.013+/-0.000 χ^2/NDF : 1427480.8/19

0.014+/-0.000 χ^2/NDF : 579769.4/10

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.678+/-0.000 χ^2/NDF : 161836210678.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.667+/-0.000 χ^2/NDF : 69271606983.6/10

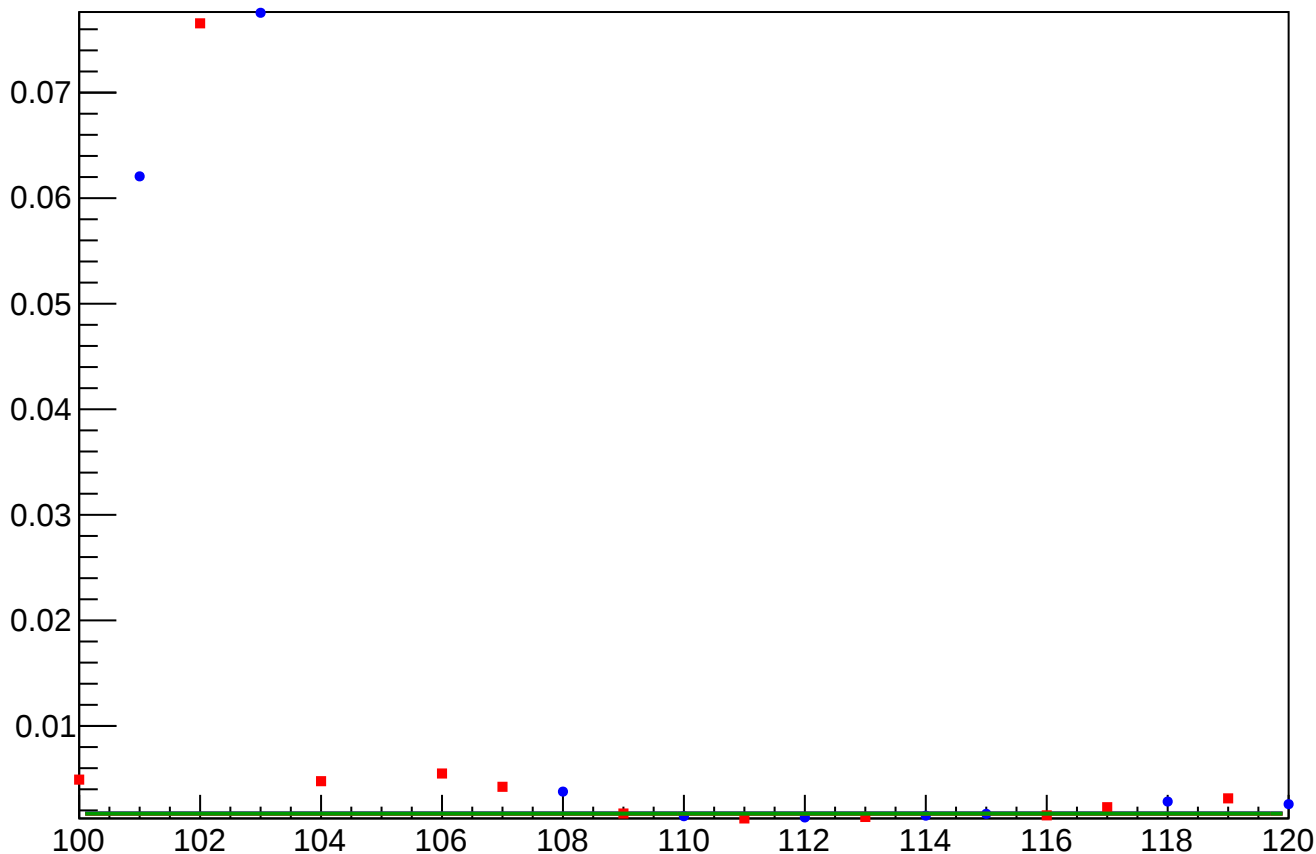
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.678+/-0.000 χ^2/NDF : 161836210678.3/8

2.672+/-0.000 χ^2/NDF : 231149992238.5/10

2.667+/-0.000 χ^2/NDF : 69271606983.6/10

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2570141.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2101498.1/10

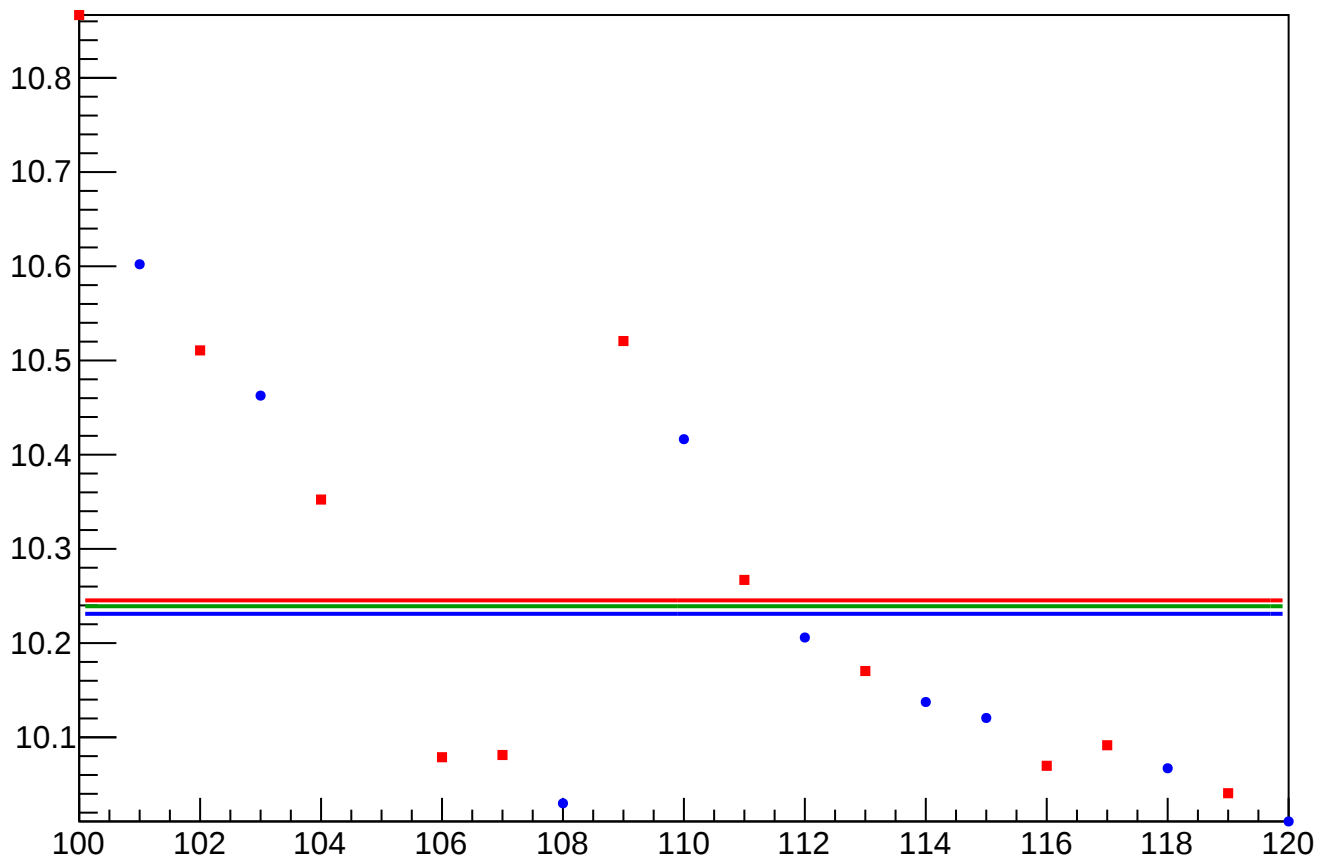
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2570141.6/8

0.002+/-0.000 χ^2/NDF : 4672372.1/19

0.002+/-0.000 χ^2/NDF : 2101498.1/10

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.231+/-0.000 χ^2/NDF : 2323094375.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.245+/-0.000 χ^2/NDF : 2761940498.9/10

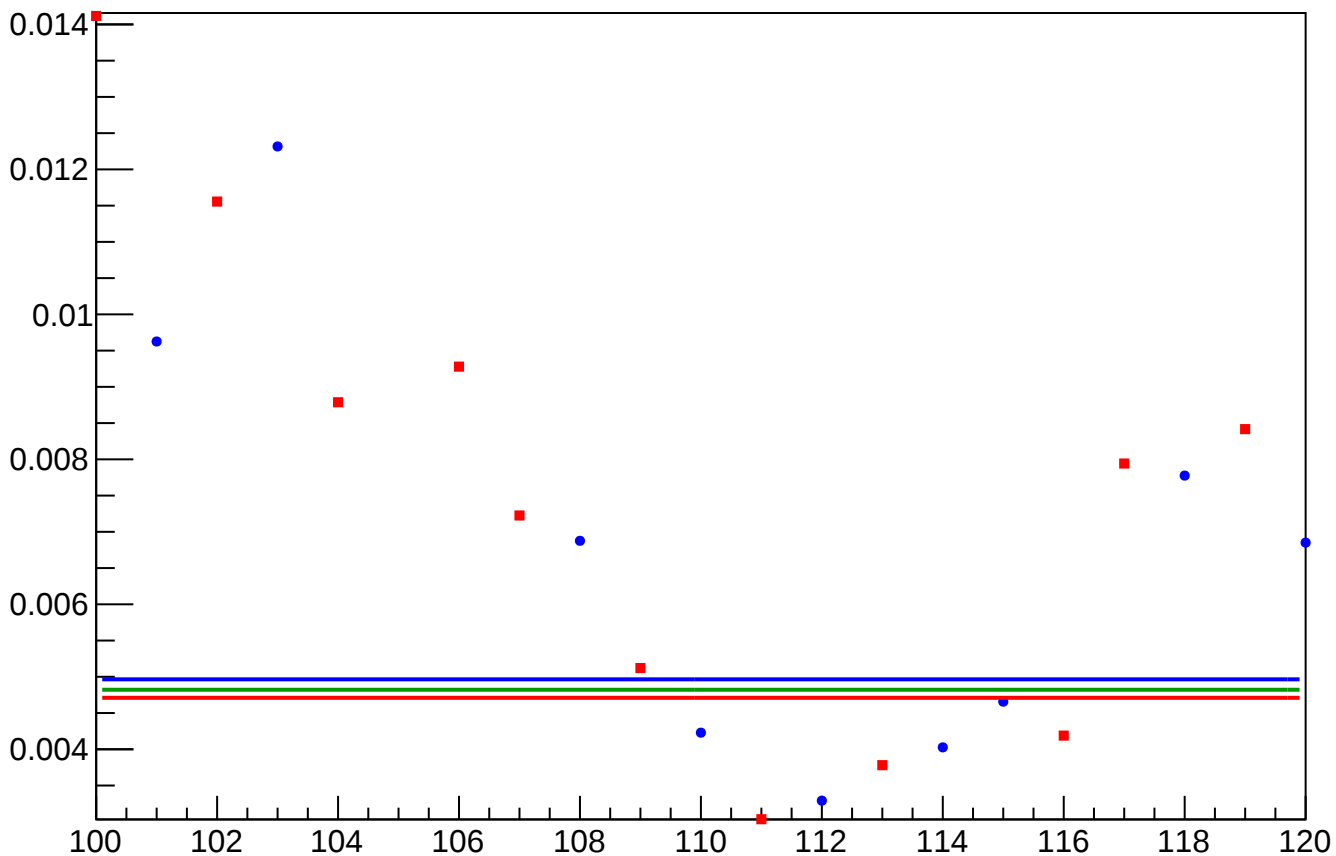
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.231+/-0.000 χ^2/NDF : 2323094375.0/8

10.239+/-0.000 χ^2/NDF : 5096463147.9/1

10.245+/-0.000 χ^2/NDF : 2761940498.9/10

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1084021.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1292998.6/10

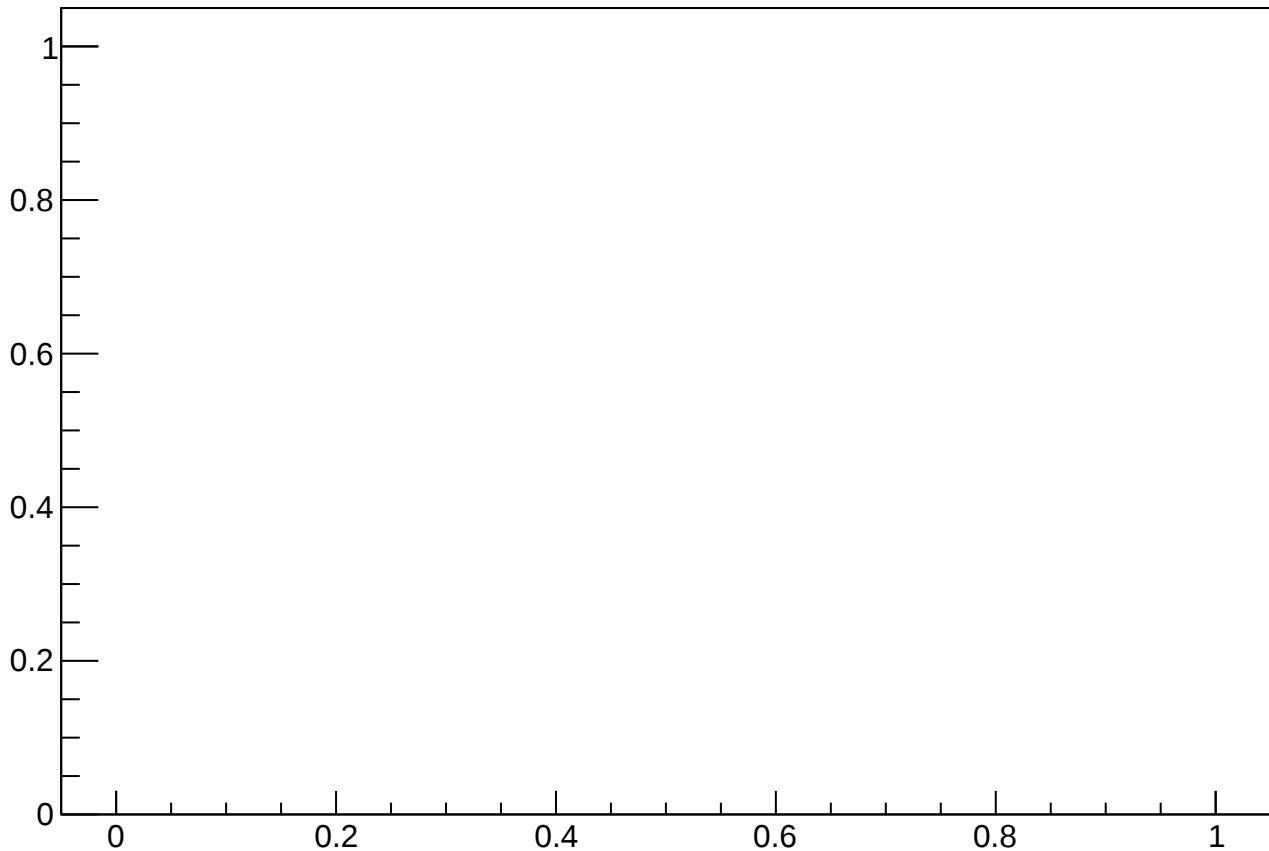
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1084021.7/8

0.005+/-0.000 χ^2/NDF : 2384324.0/19

0.005+/-0.000 χ^2/NDF : 1292998.6/10

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

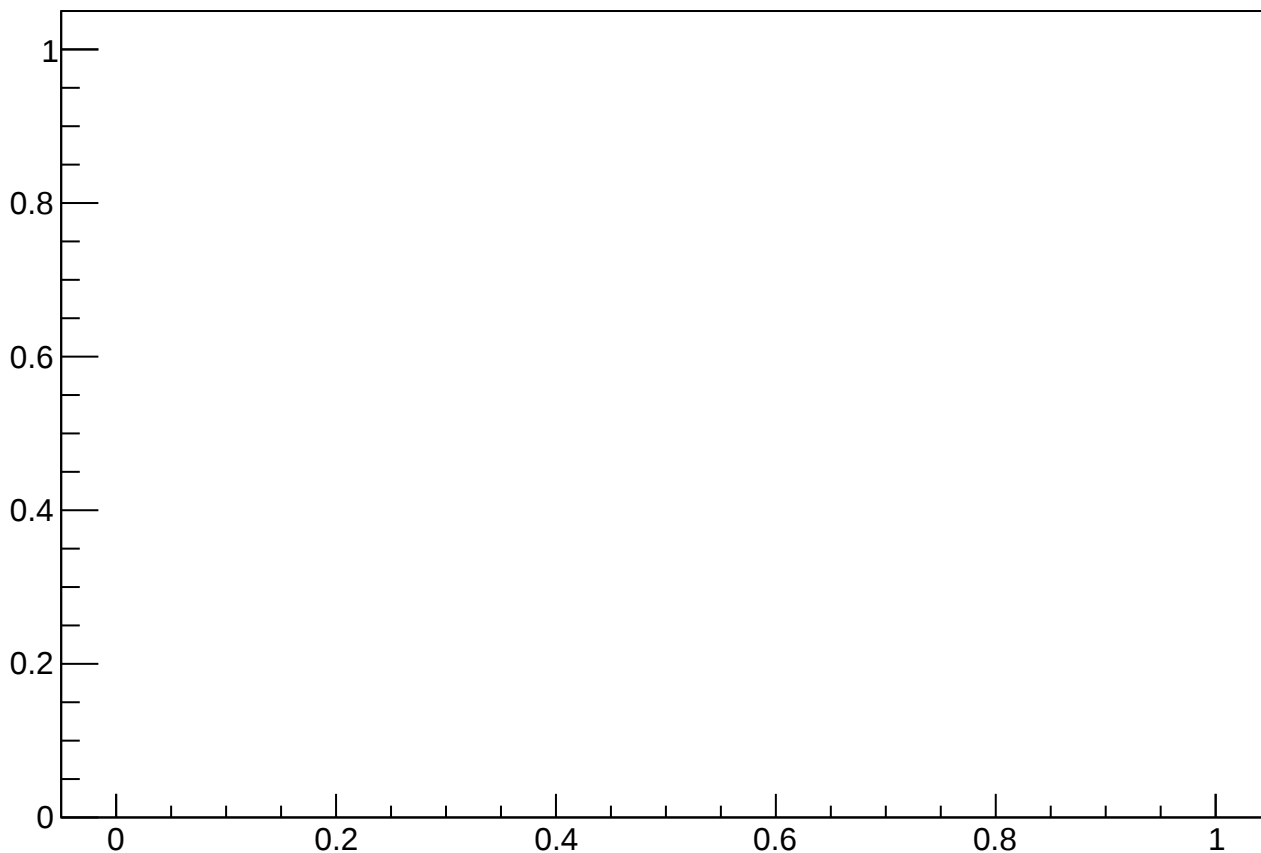
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

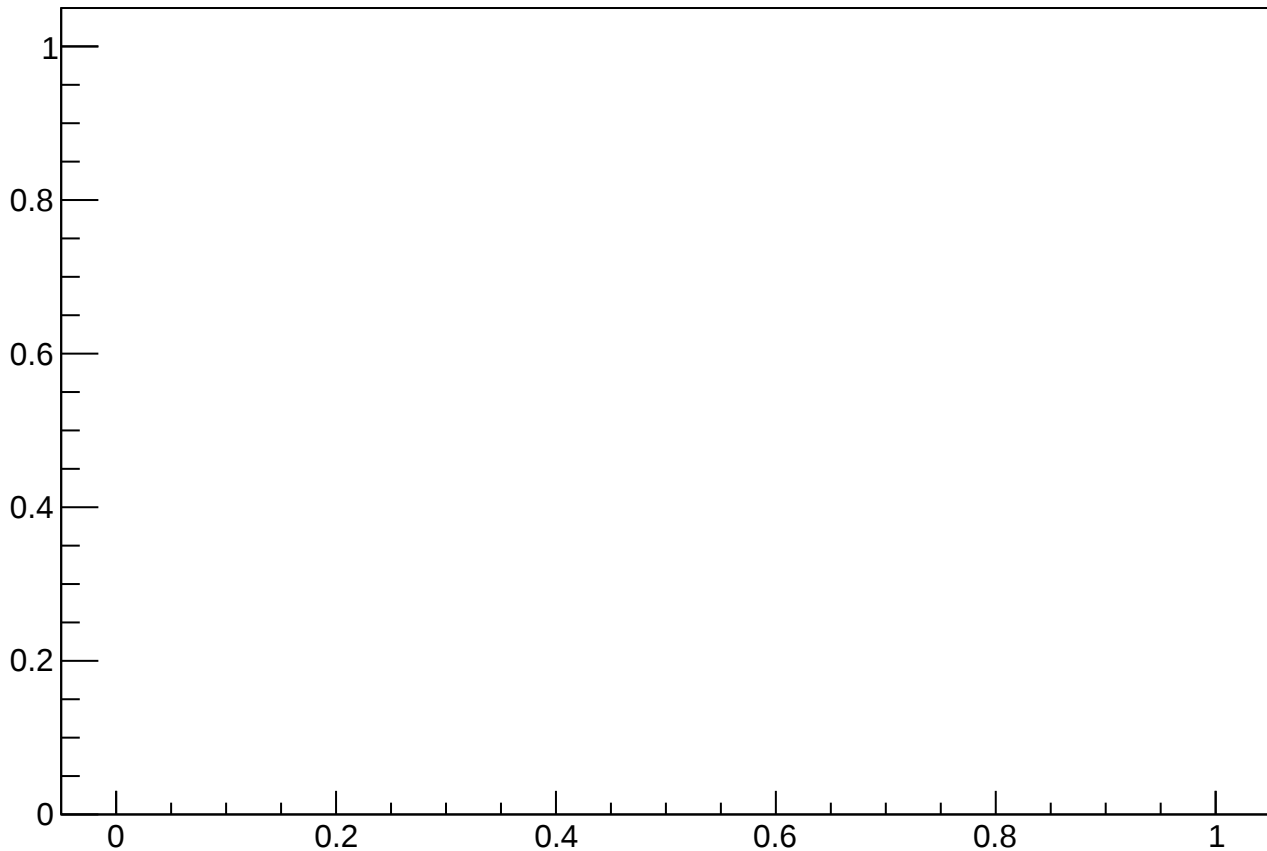
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

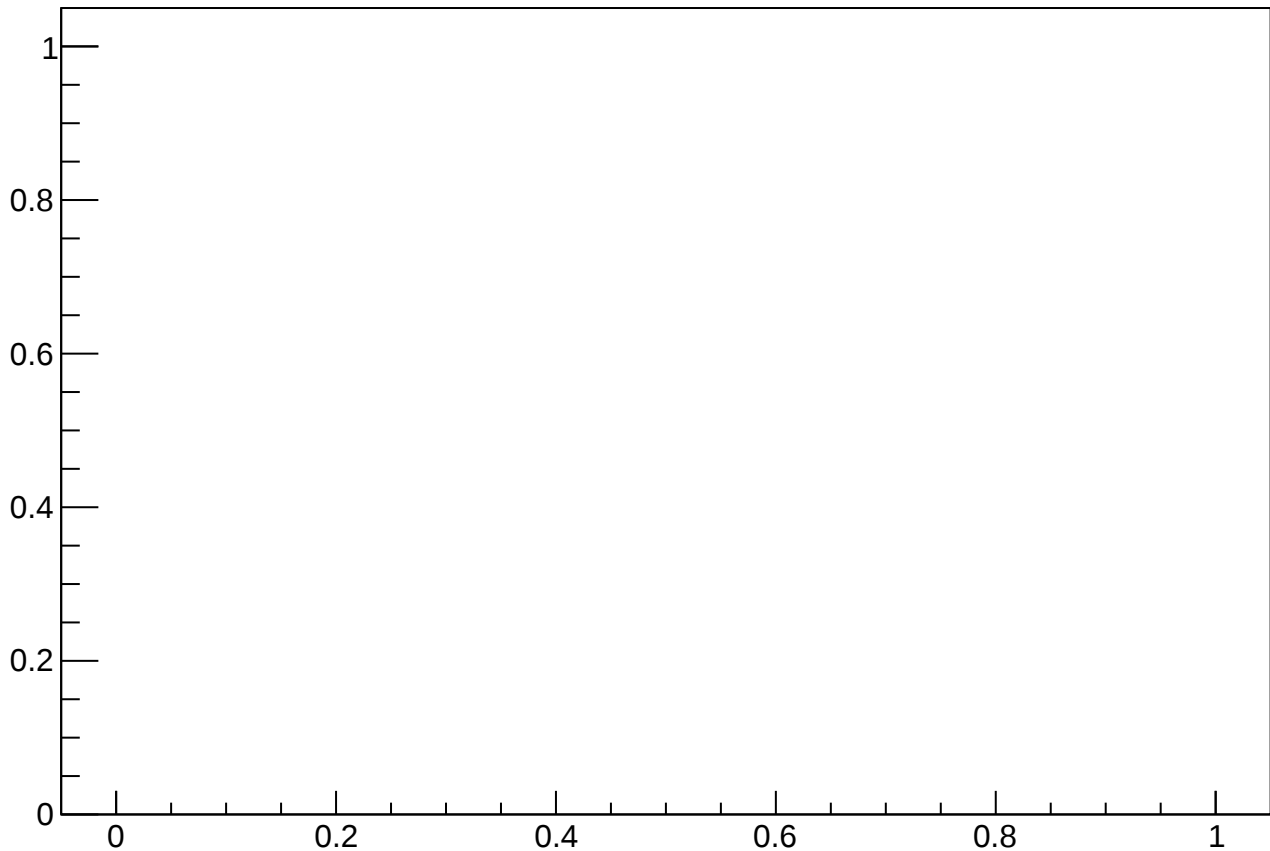
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

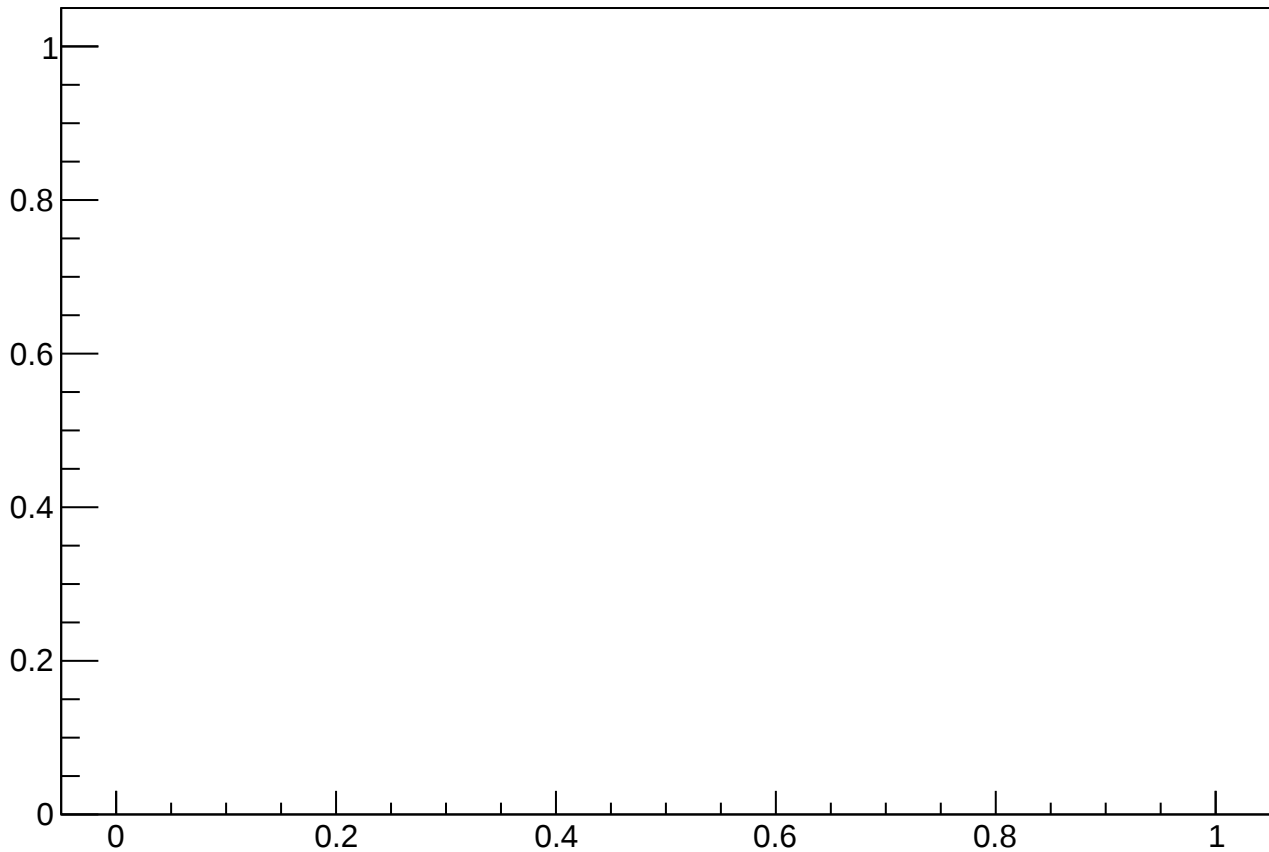
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

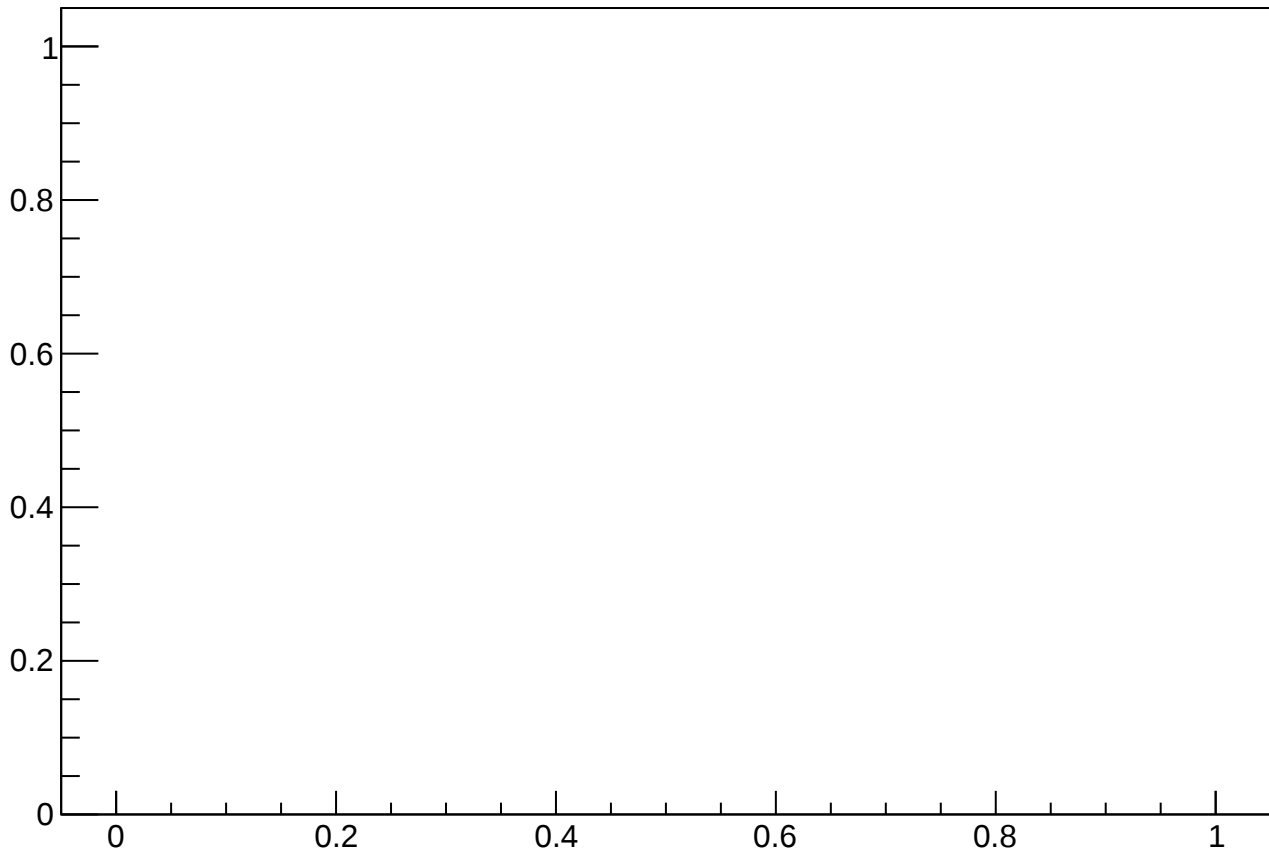
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

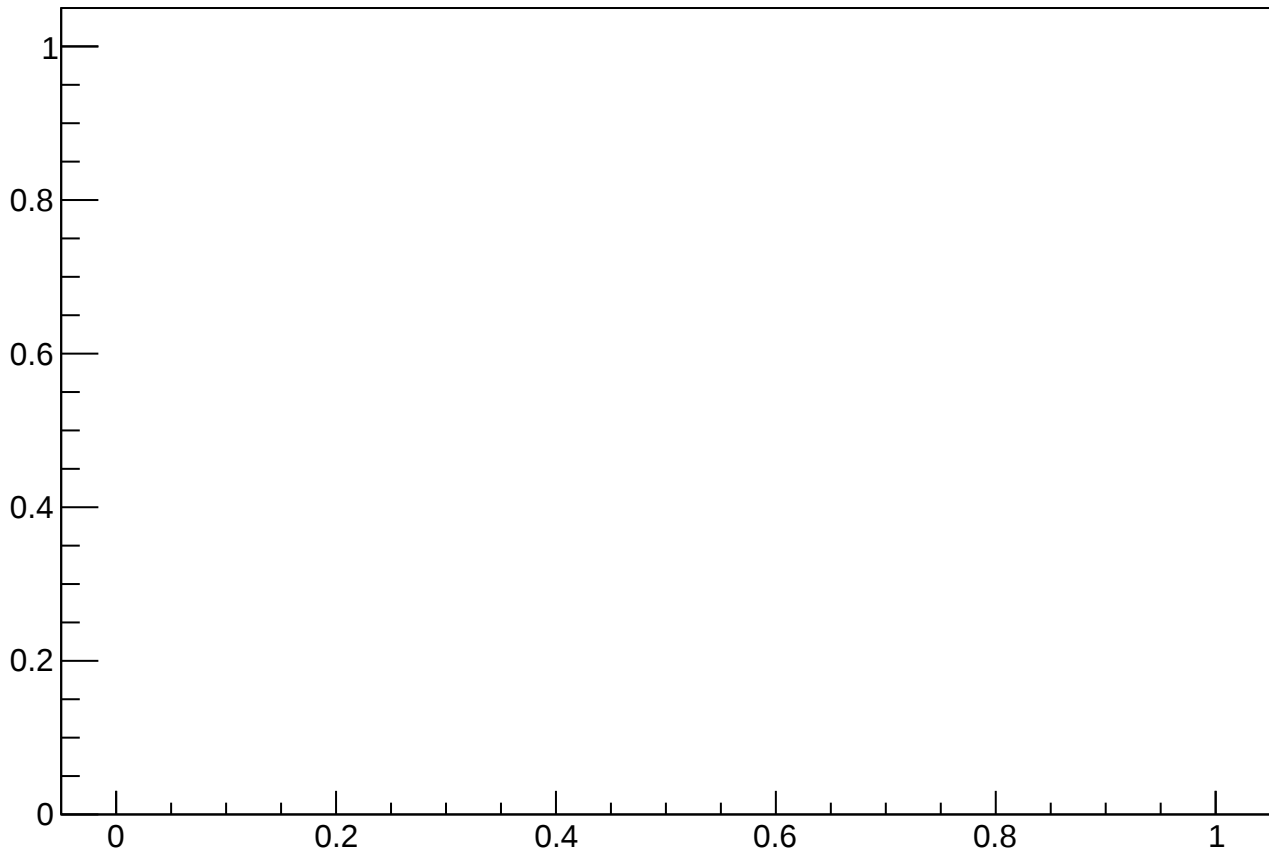
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

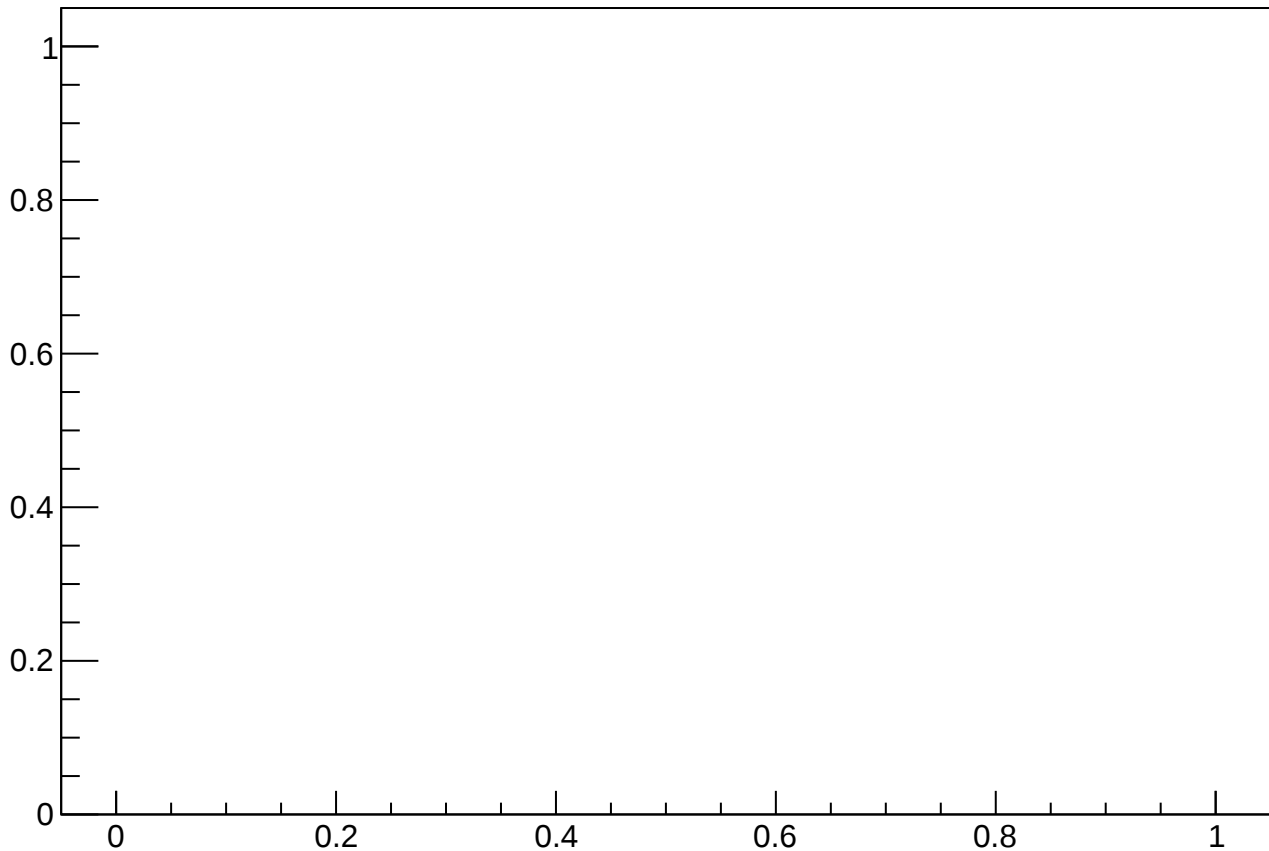
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

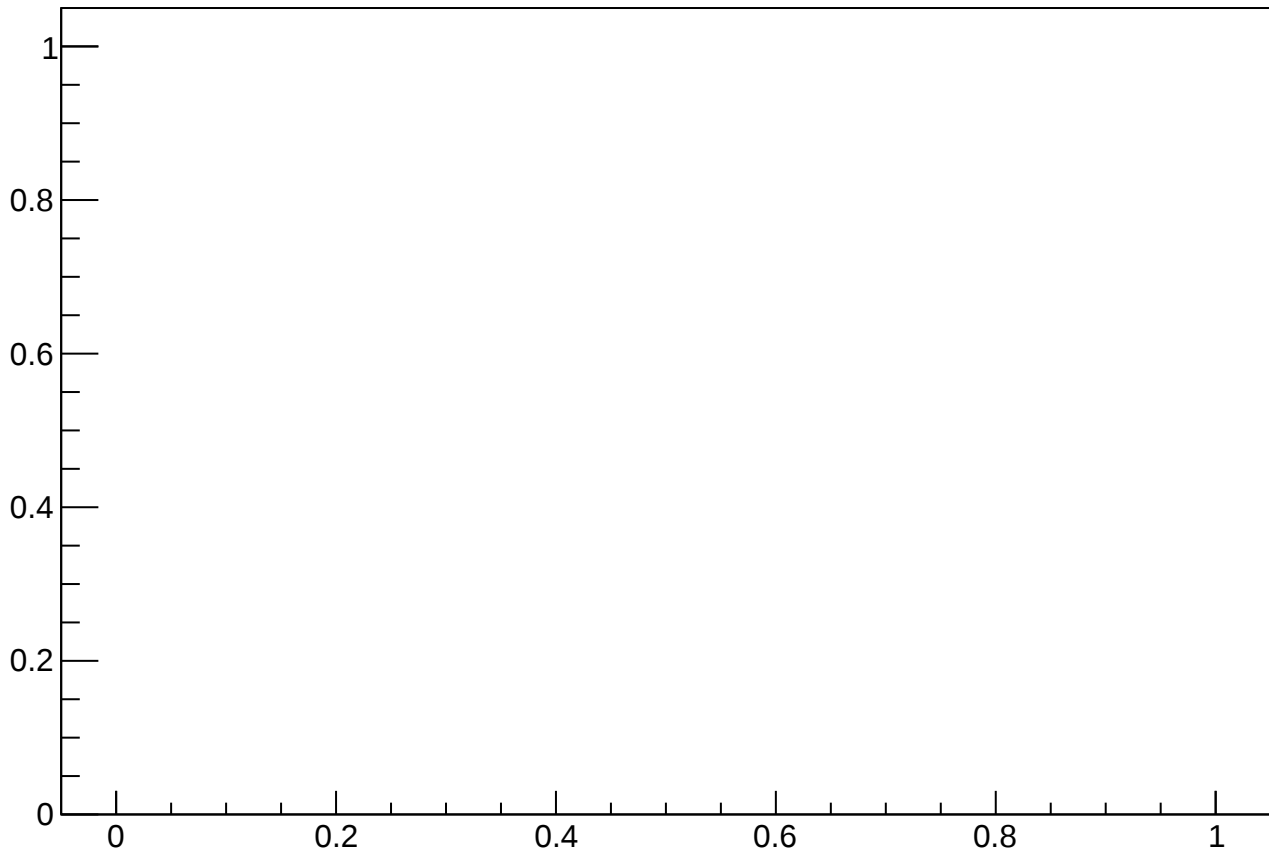
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

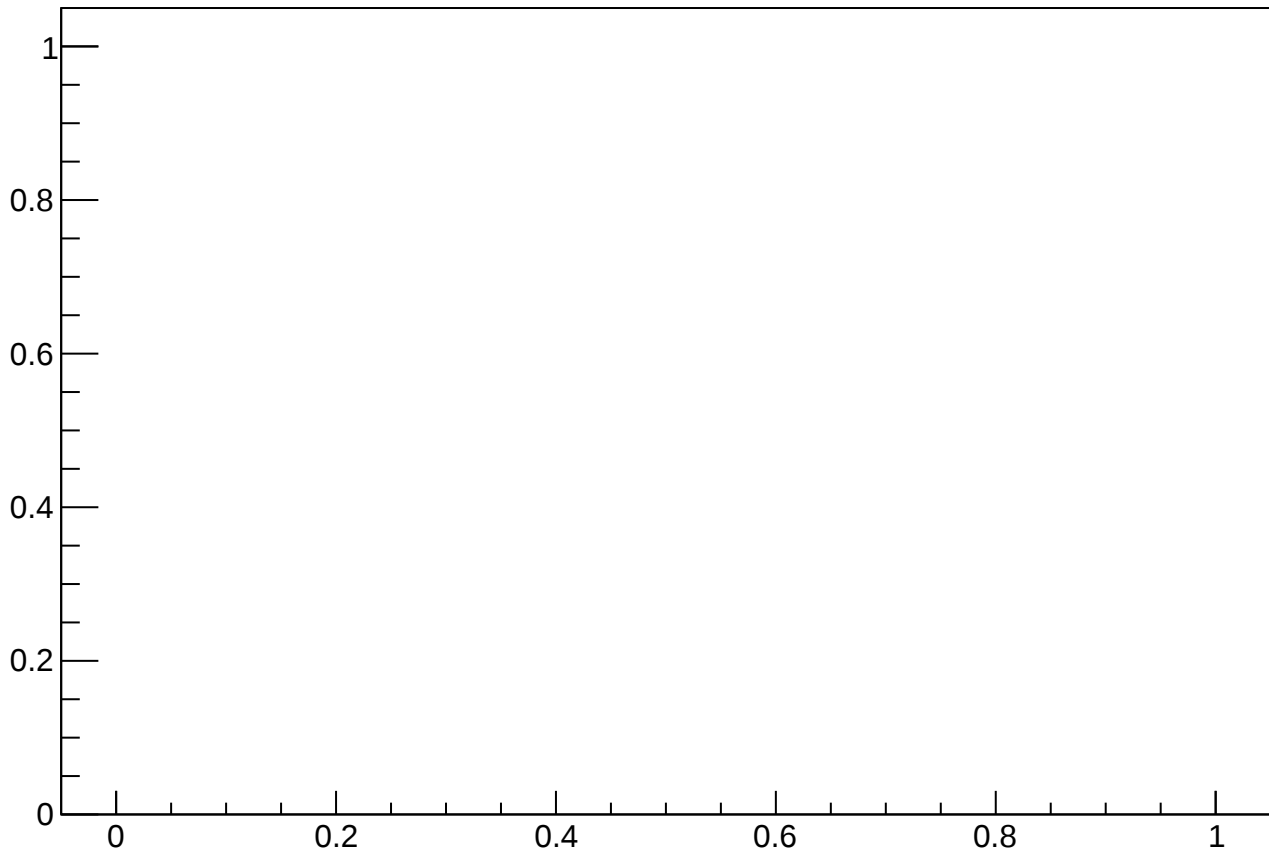
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

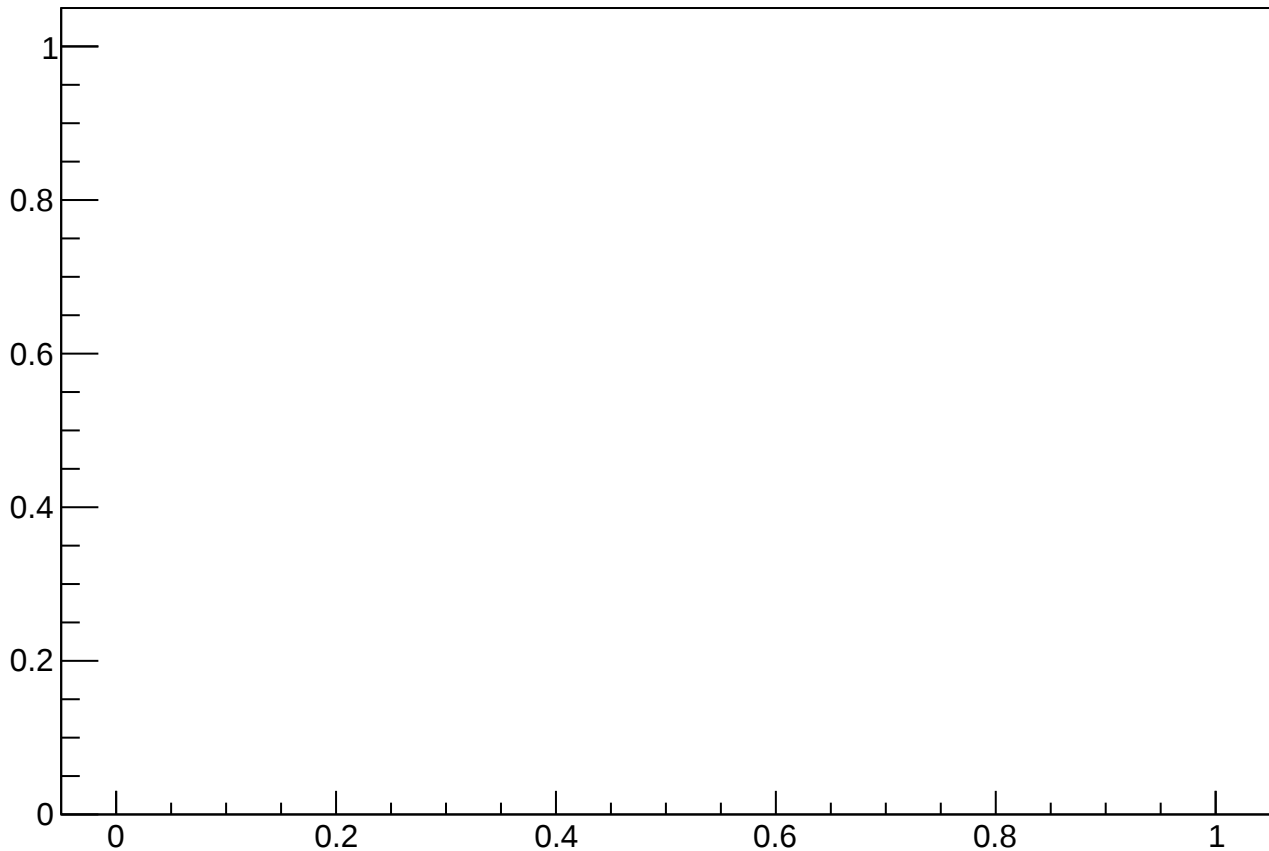
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

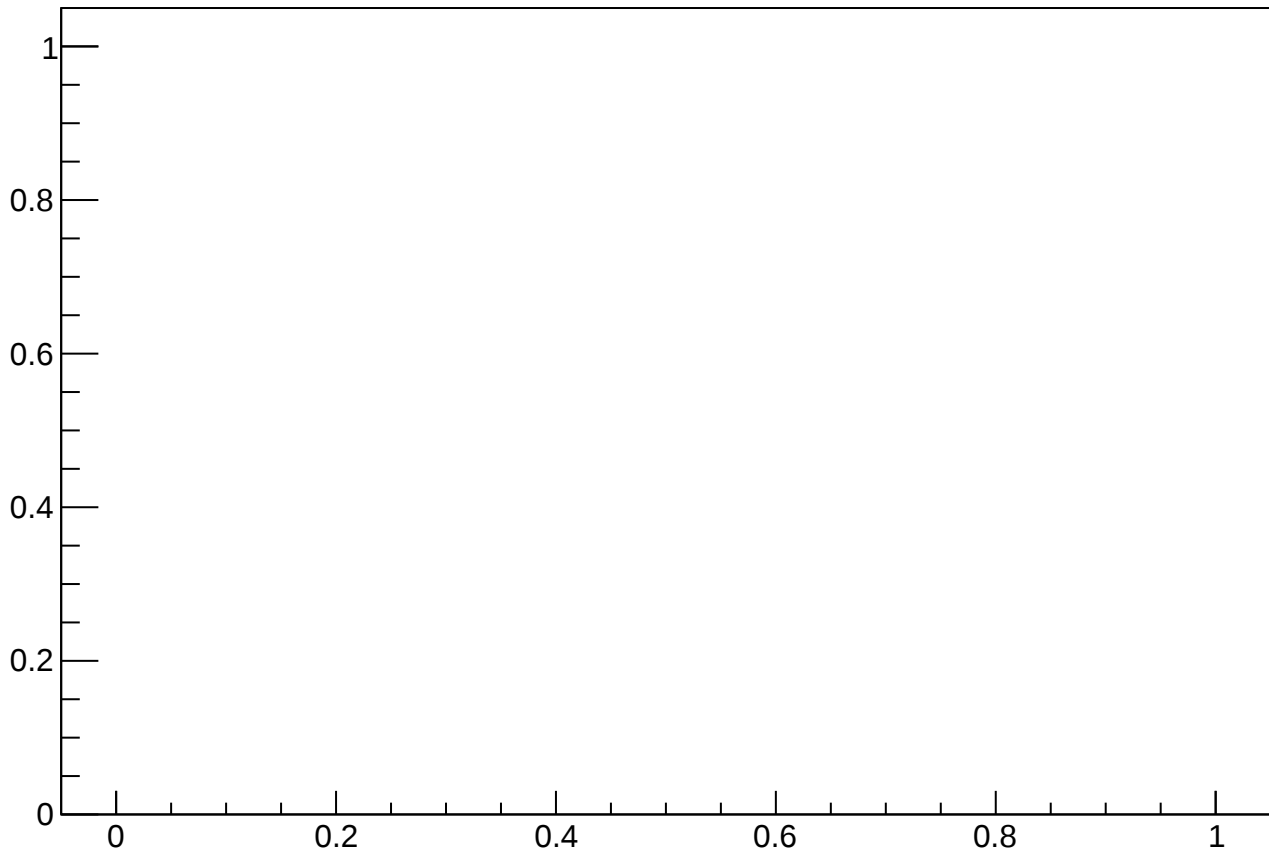
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

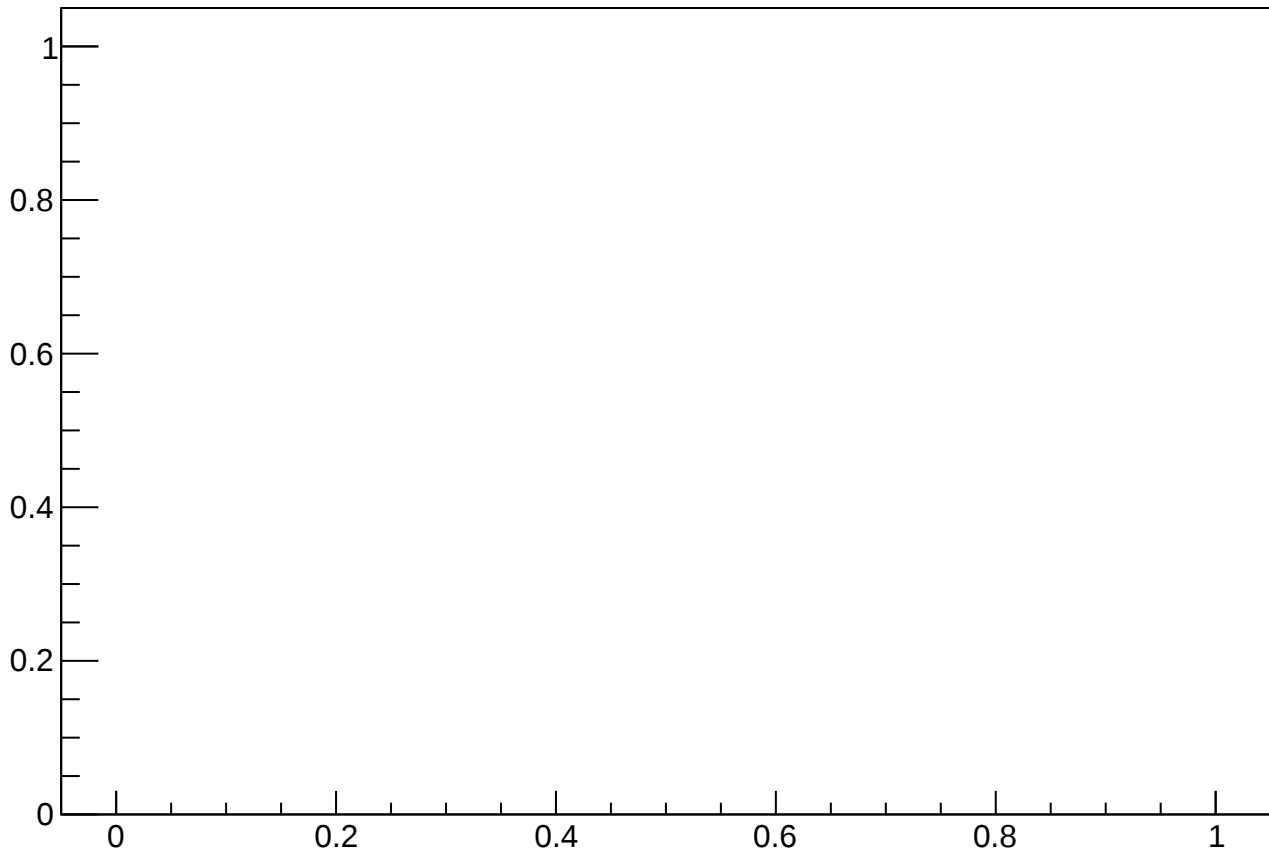
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

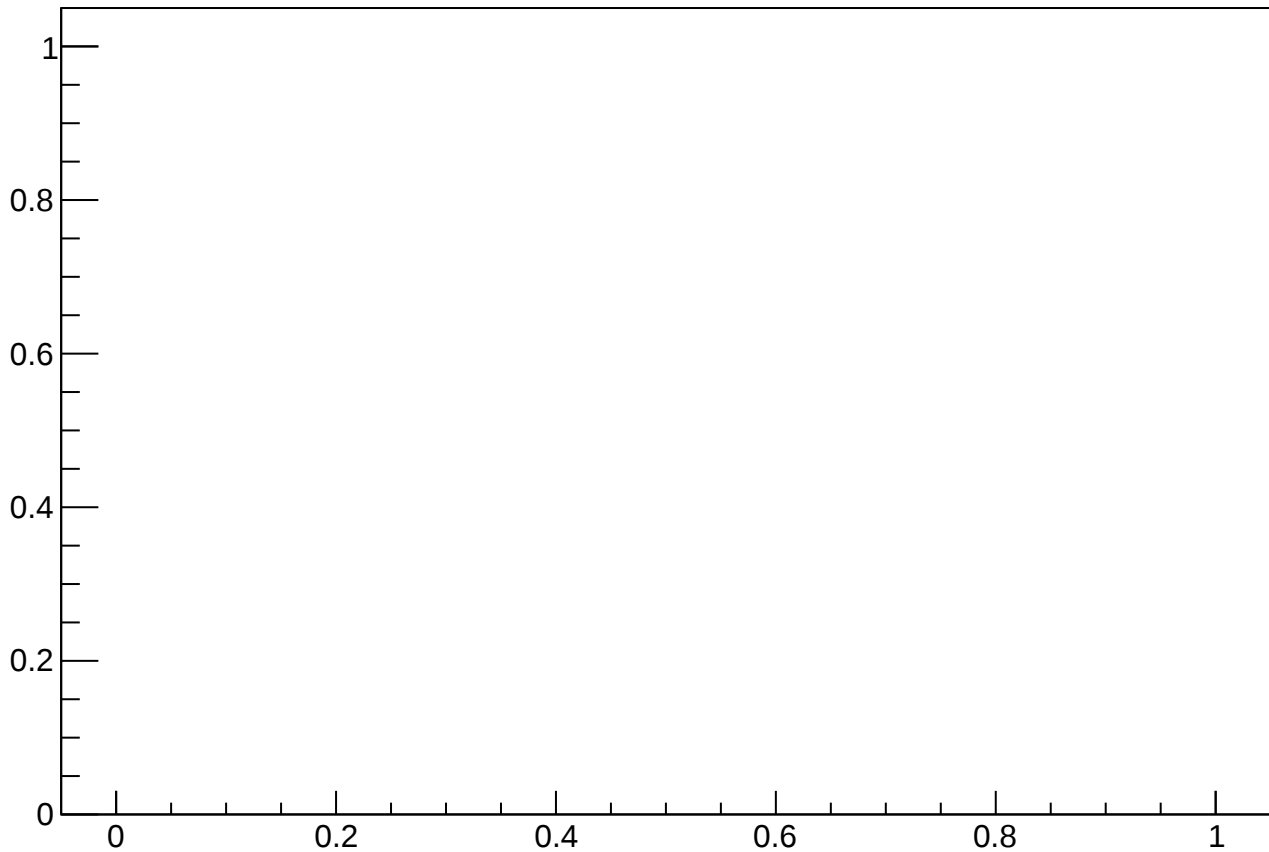
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

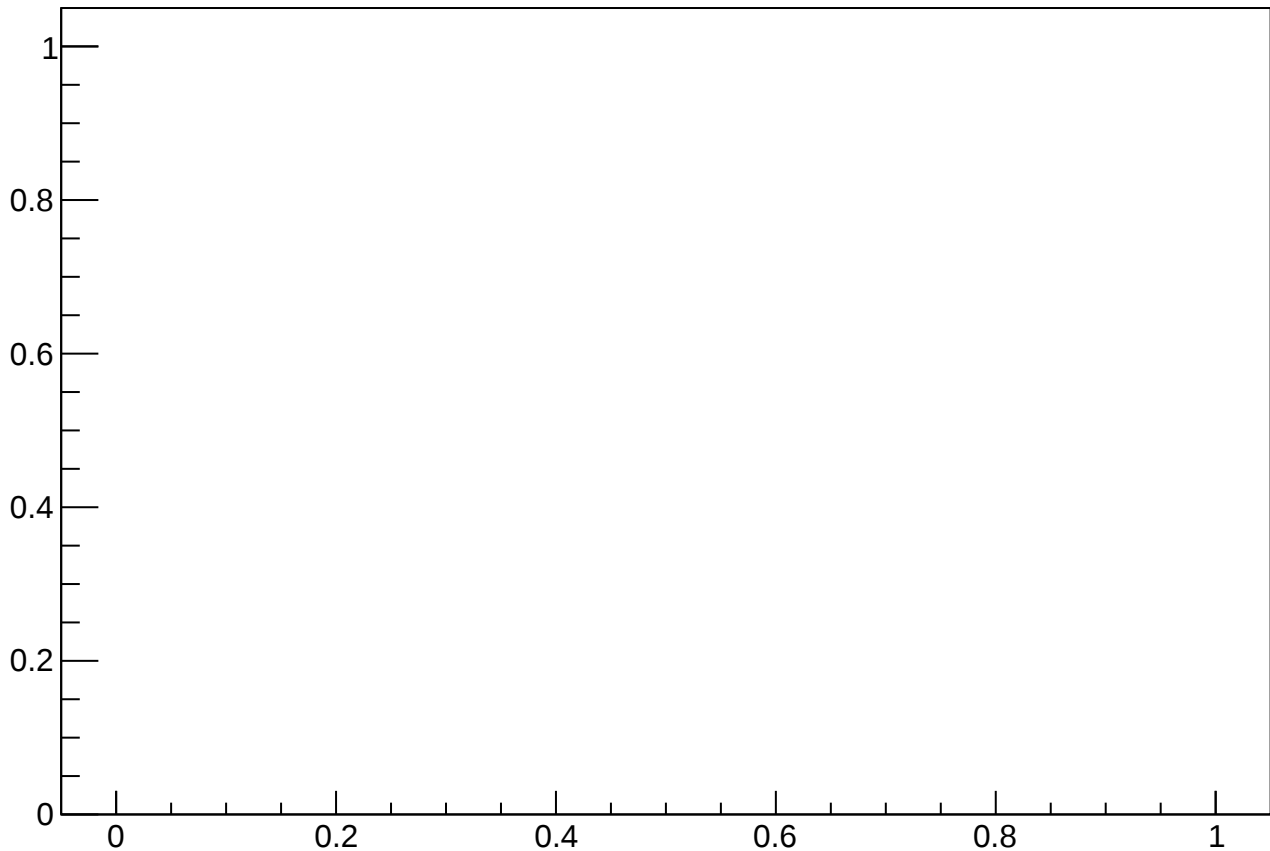
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

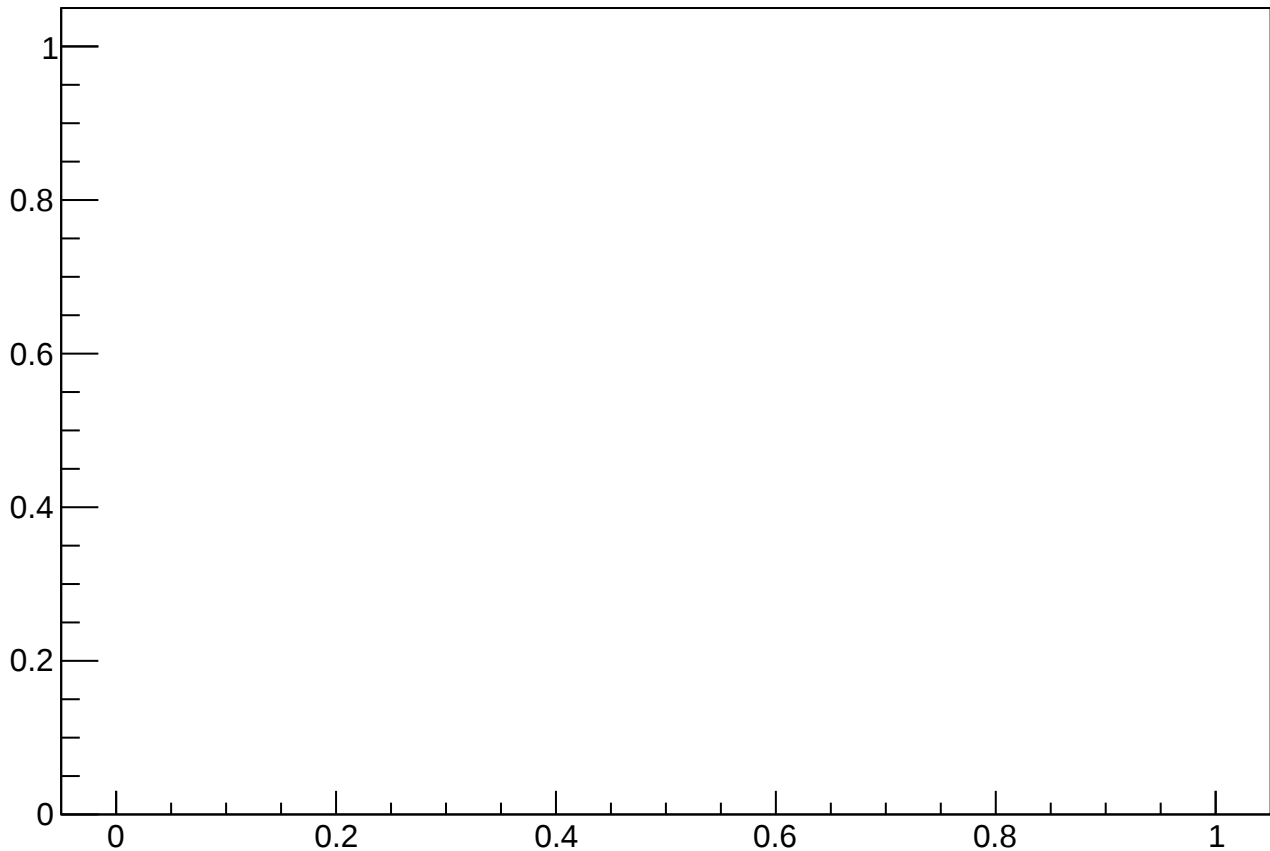
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

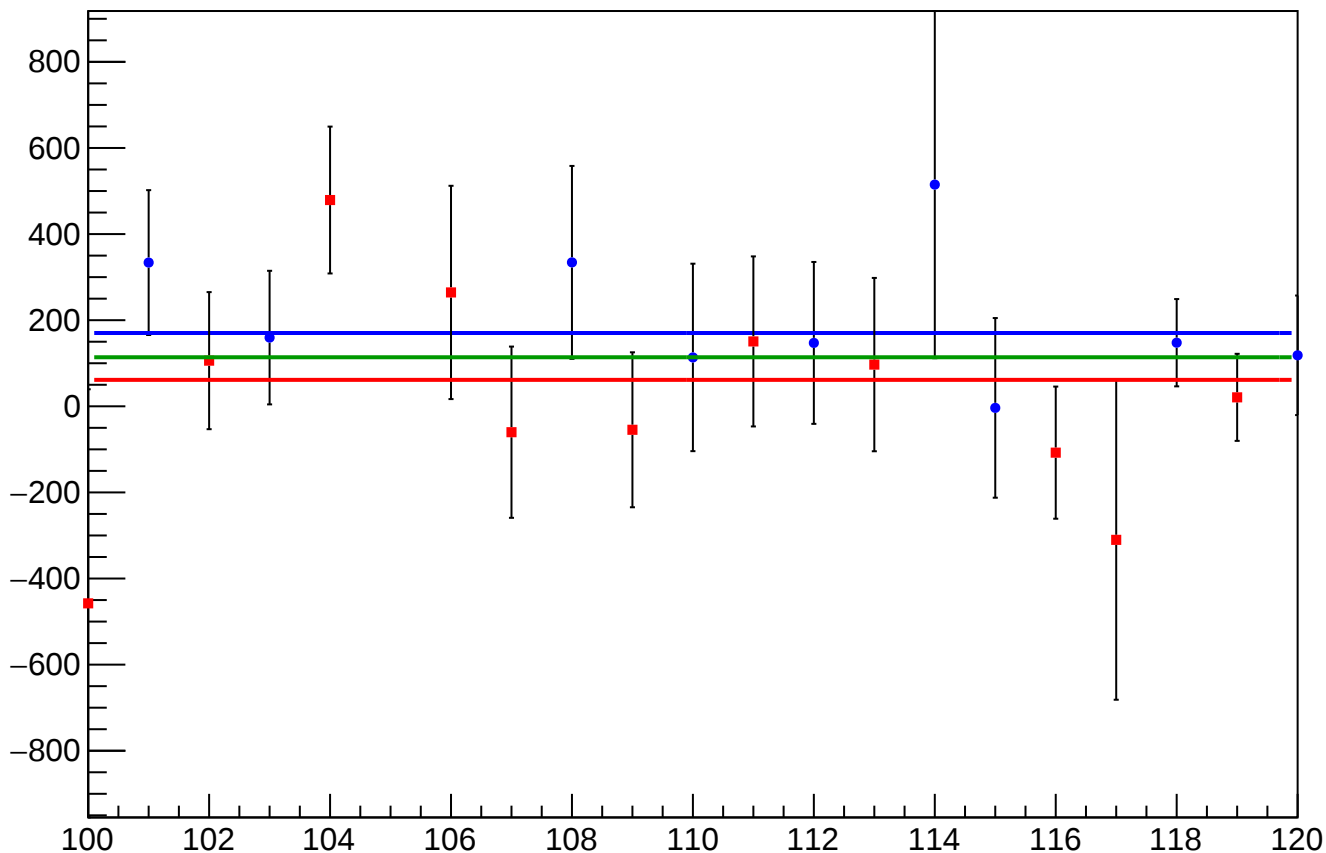
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 170.253+/-55.511 χ^2 /NDF: 3.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 61.405+/-53.588 χ^2 /NDF: 11.2/10

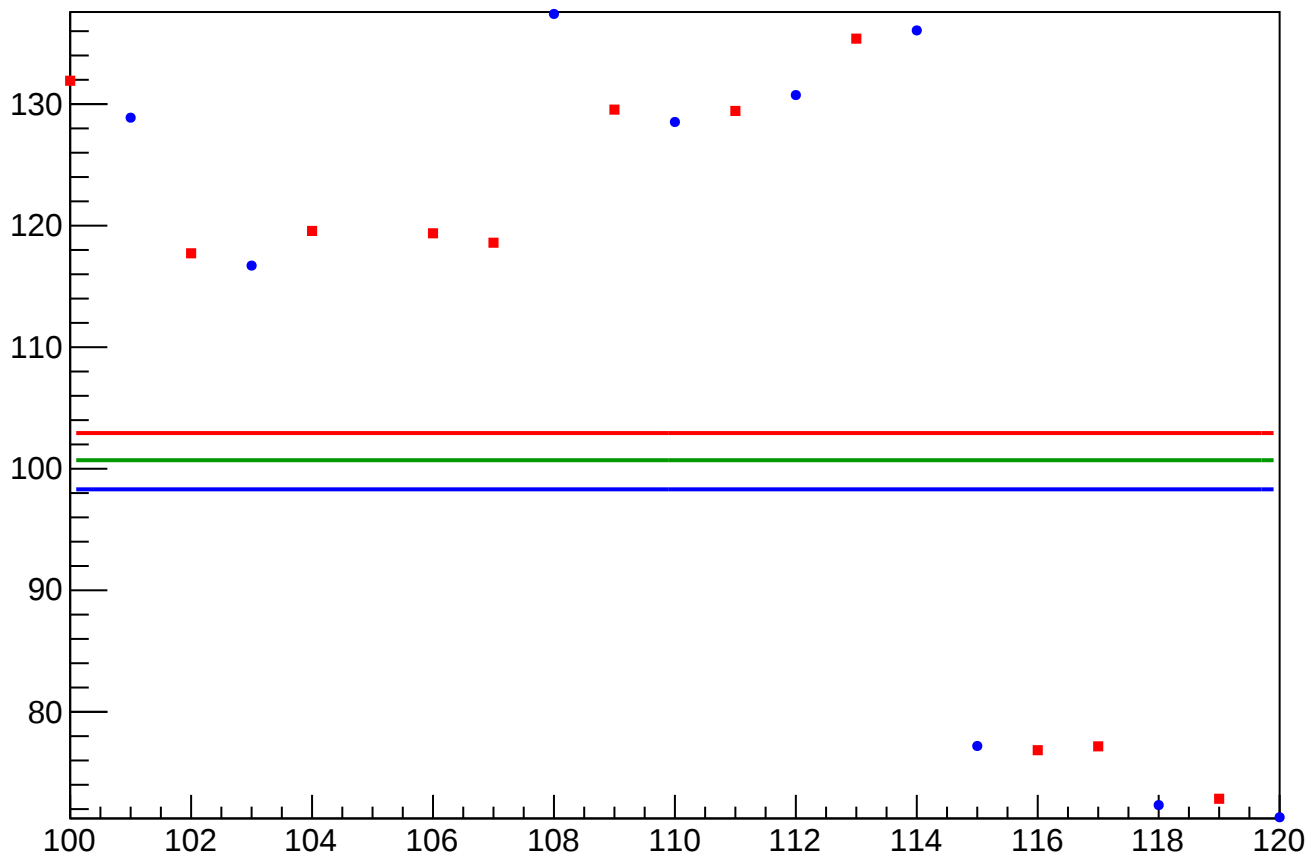
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

170.253+/-55.511 χ^2 /NDF: 3.2/8

113.911+/-38.554 χ^2 /NDF: 16.4/19

61.405+/-53.588 χ^2 /NDF: 11.2/10

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 98.306+/-0.039 χ^2/NDF : 498156.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.936+/-0.038 χ^2/NDF : 440580.8/10

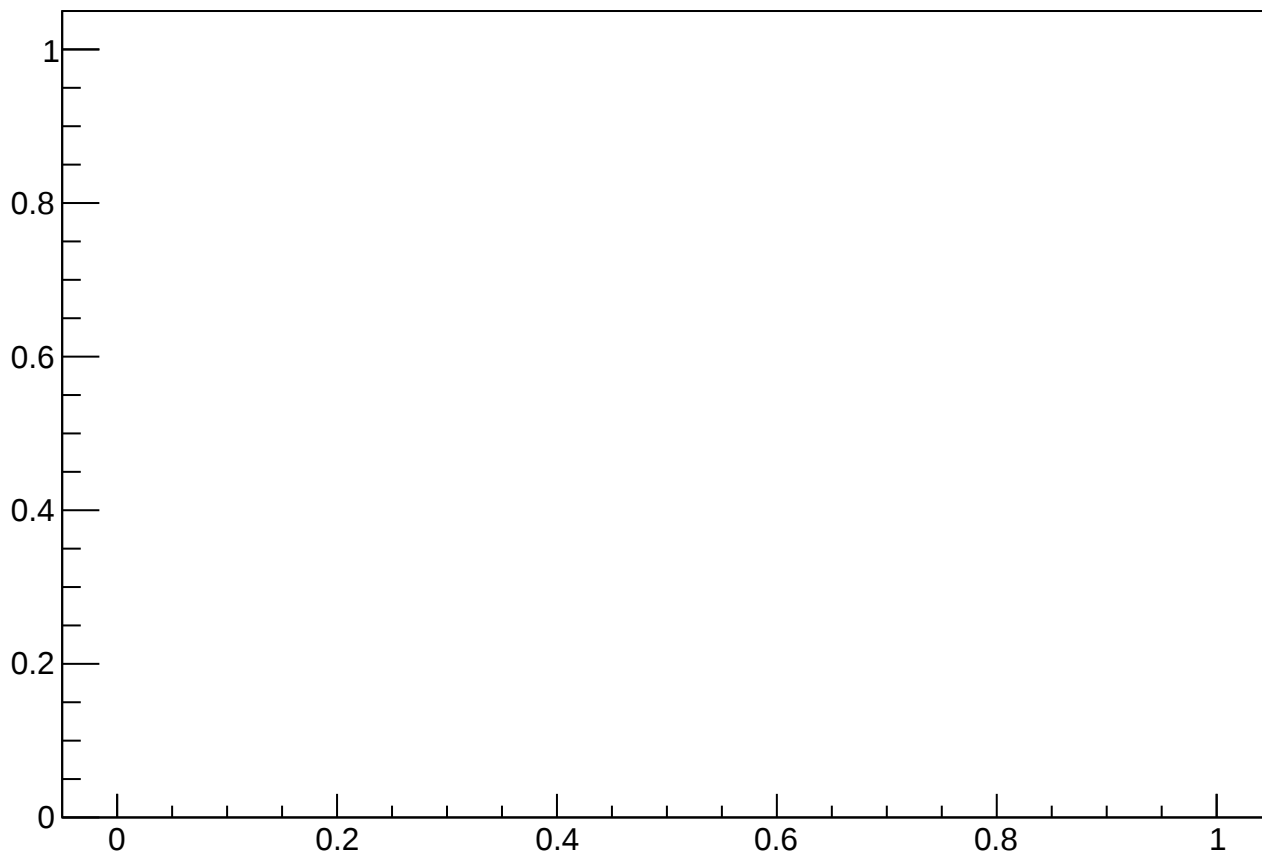
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

98.306+/-0.039 χ^2/NDF : 498156.6/8

100.703+/-0.027 χ^2/NDF : 945939.8/19

102.936+/-0.038 χ^2/NDF : 440580.8/10

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

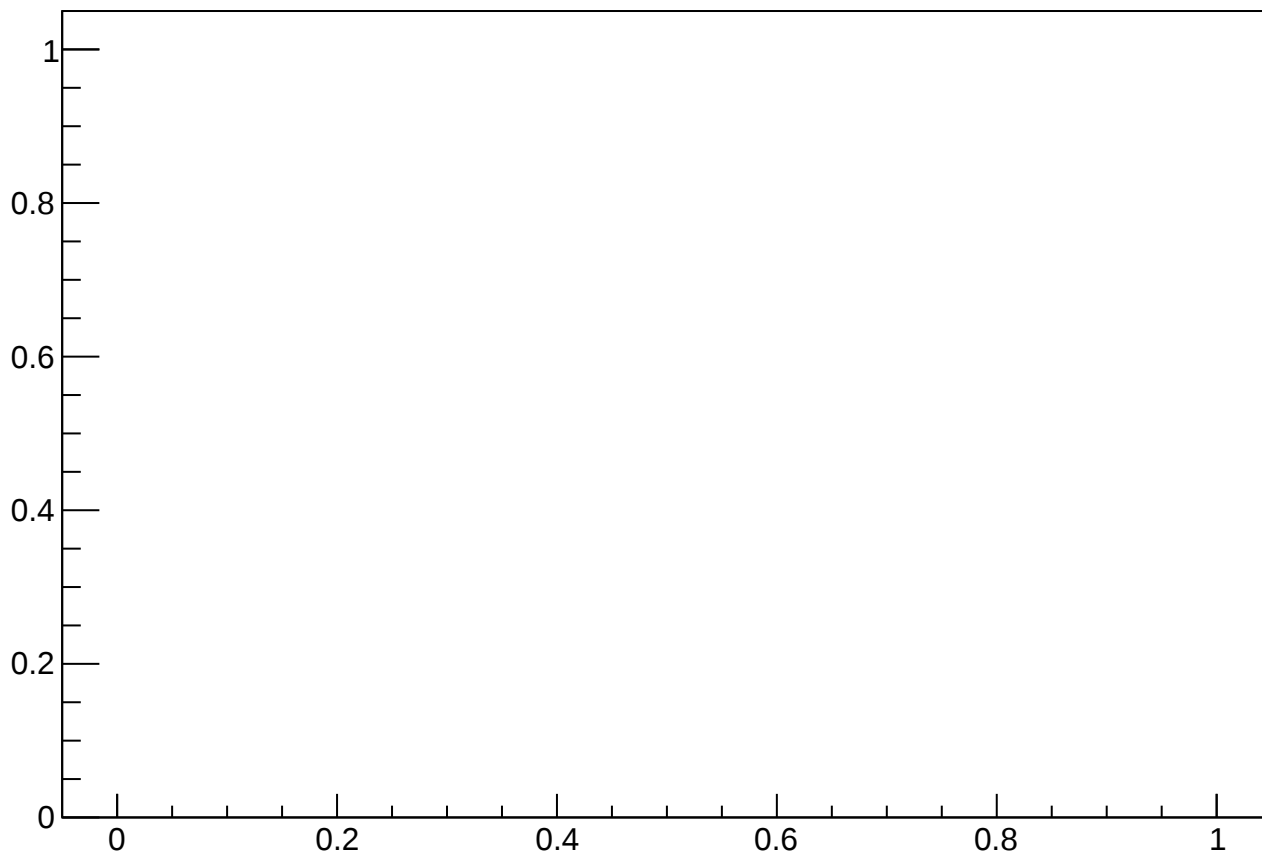
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

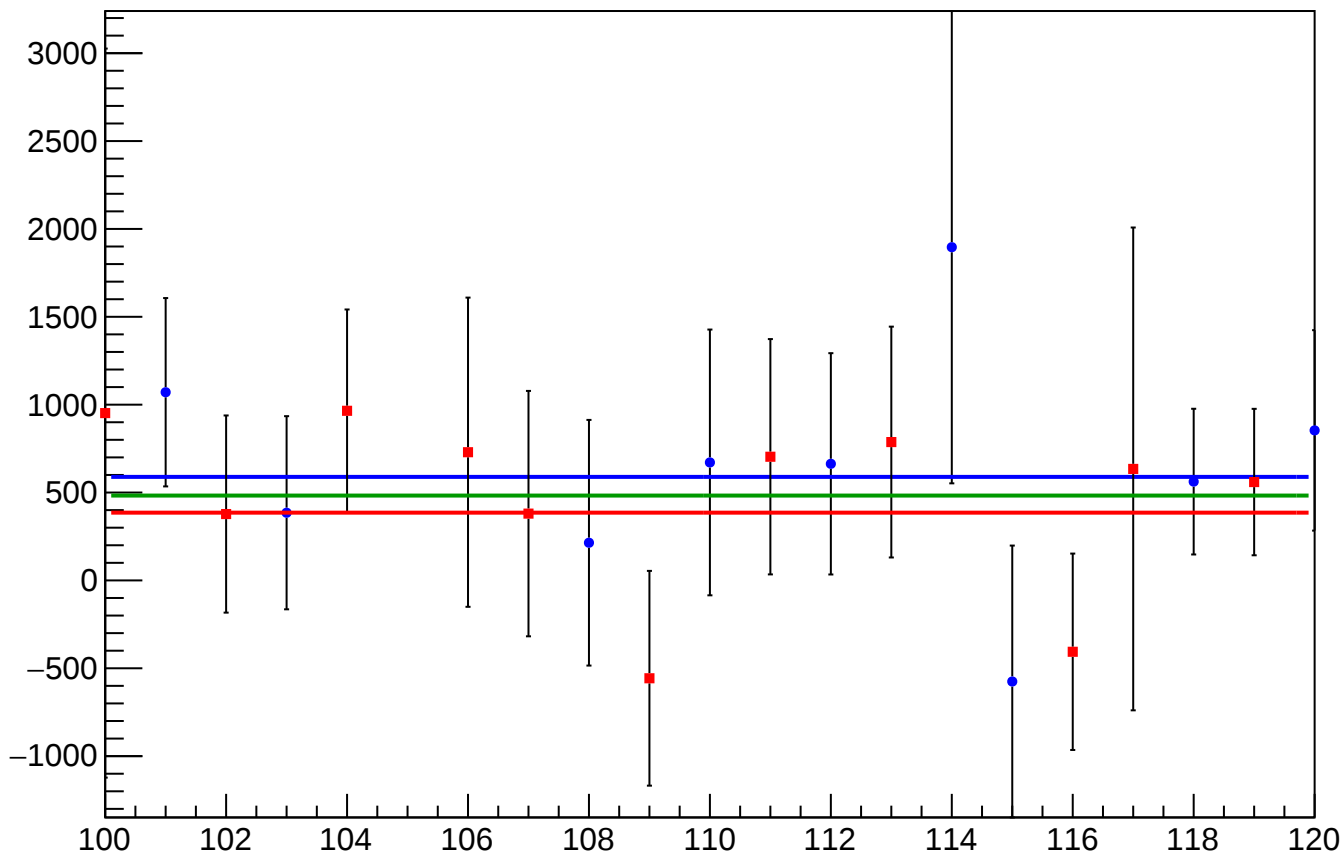
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 589.087+/-203.151 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 385.537+/-194.316 χ^2/NDF : 6.4/10

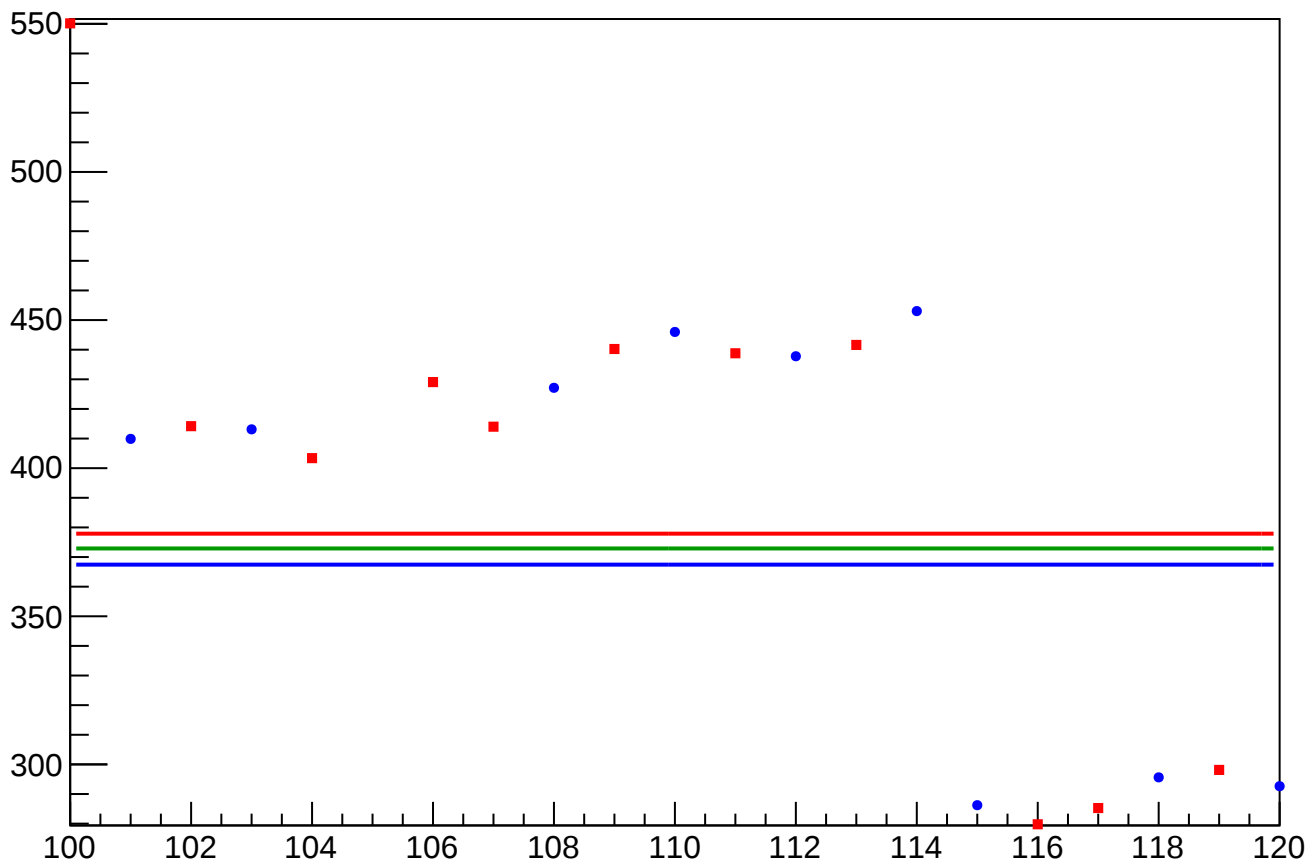
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

589.087+/-203.151 χ^2/NDF : 4.7/8

482.790+/-140.422 χ^2/NDF : 11.6/19

385.537+/-194.316 χ^2/NDF : 6.4/10

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 367.436+/-0.144 χ^2/NDF : 212087.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.893+/-0.137 χ^2/NDF : 238428.6/10

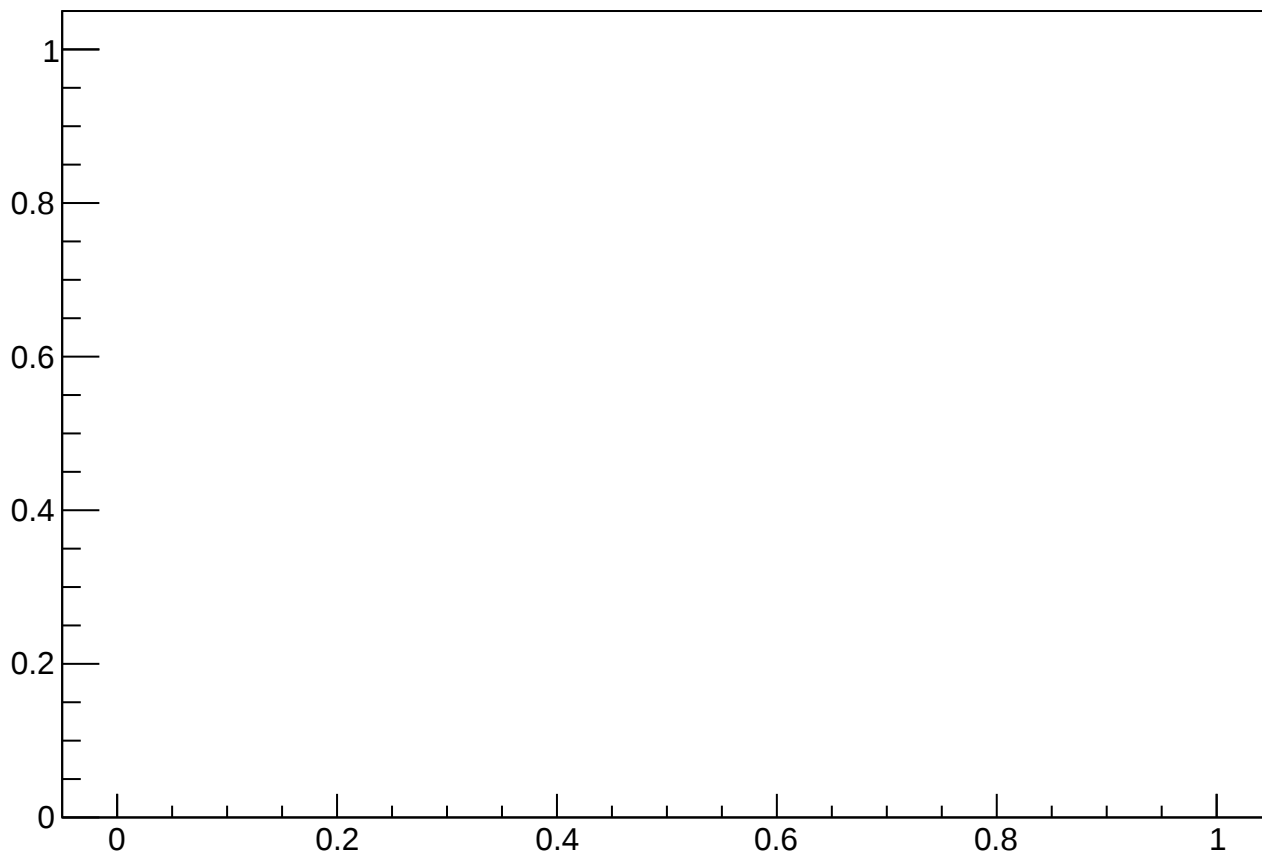
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

367.436+/-0.144 χ^2/NDF : 212087.4/8

372.897+/-0.099 χ^2/NDF : 453283.5/19

377.893+/-0.137 χ^2/NDF : 238428.6/10

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

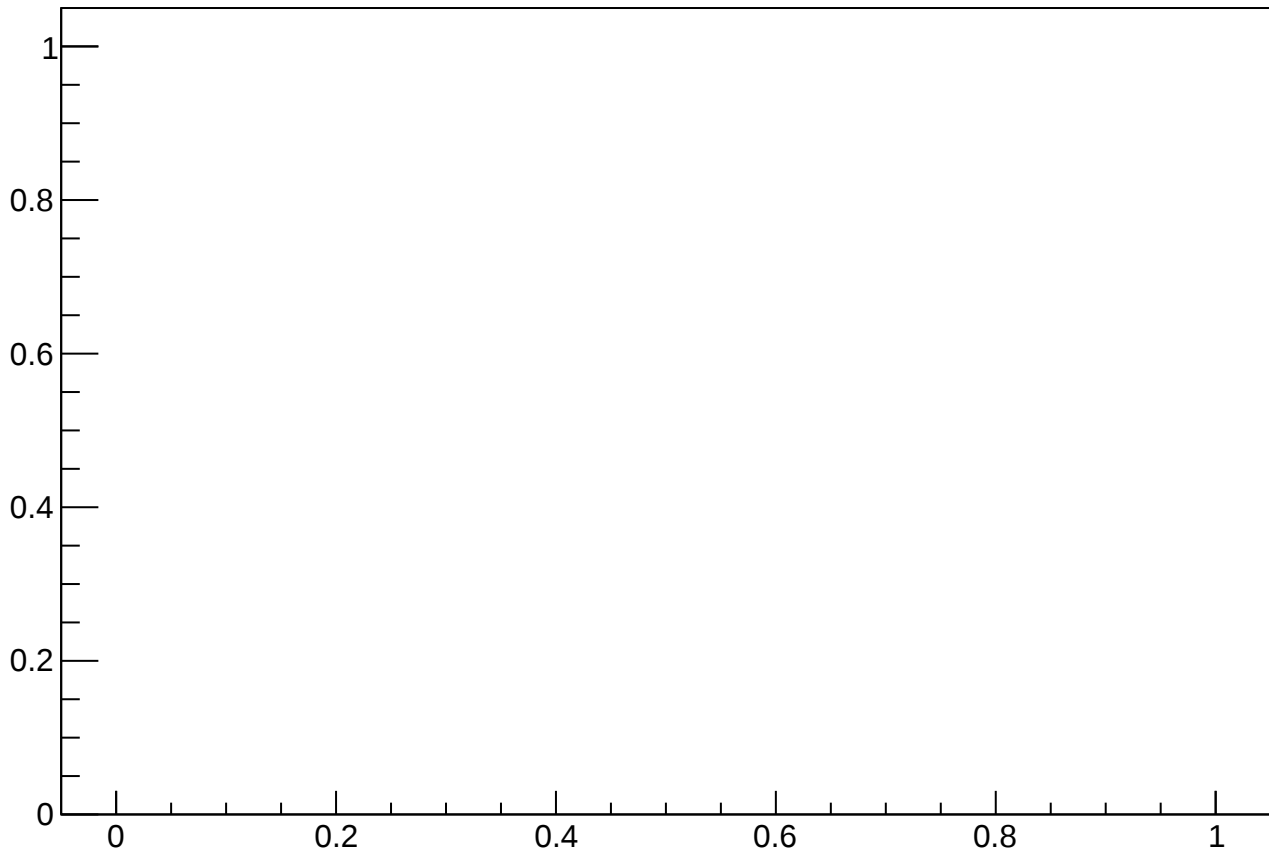
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

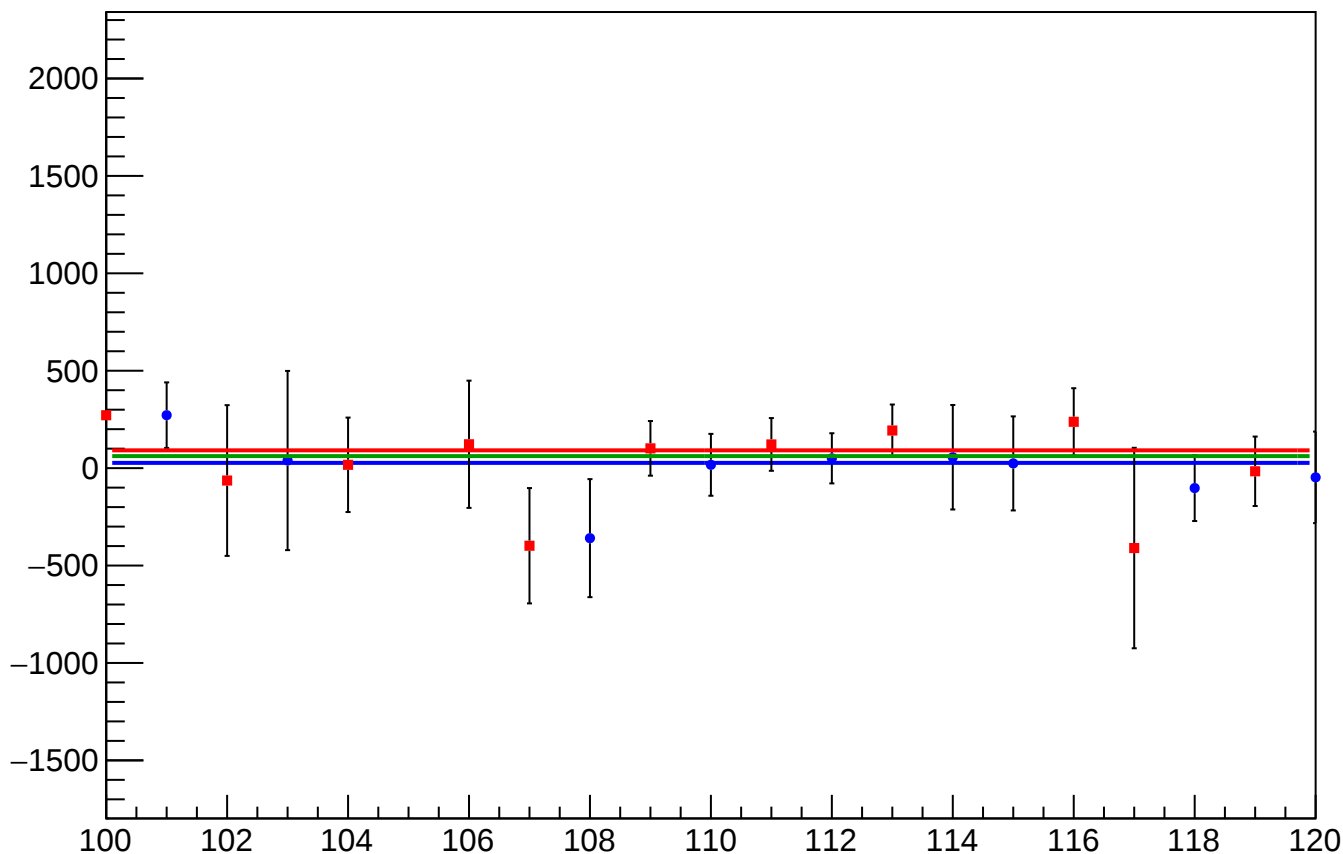
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 27.057 ± 65.218 χ^2/NDF : 4.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 91.352 ± 60.269 χ^2/NDF : 5.7/10

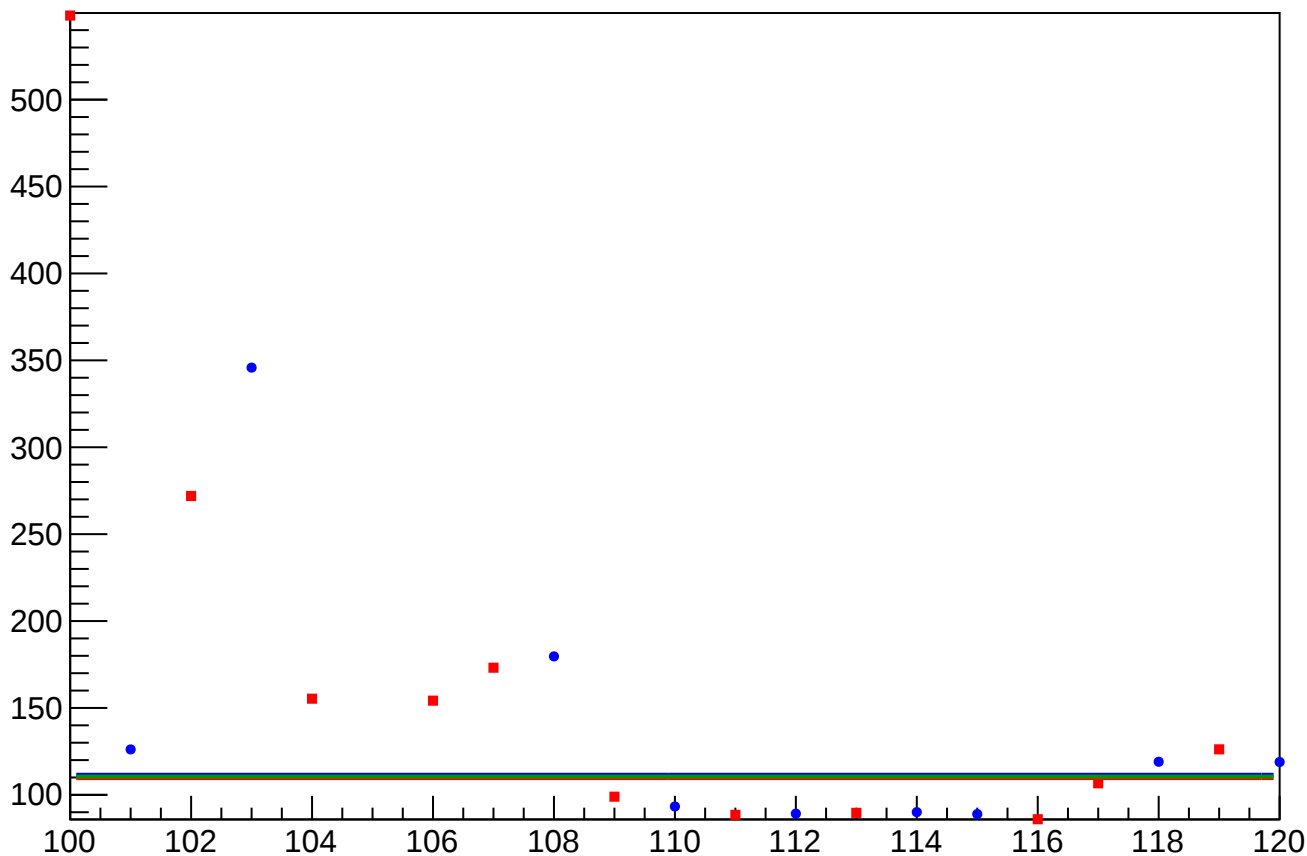
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

27.057 ± 65.218 χ^2/NDF : 4.5/8

61.736 ± 44.263 χ^2/NDF : 10.7/19

91.352 ± 60.269 χ^2/NDF : 5.7/10

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 111.552 $\pm$ 0.046 χ^2 /NDF: 758036.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.629 $\pm$ 0.043 χ^2 /NDF: 802774.5/10

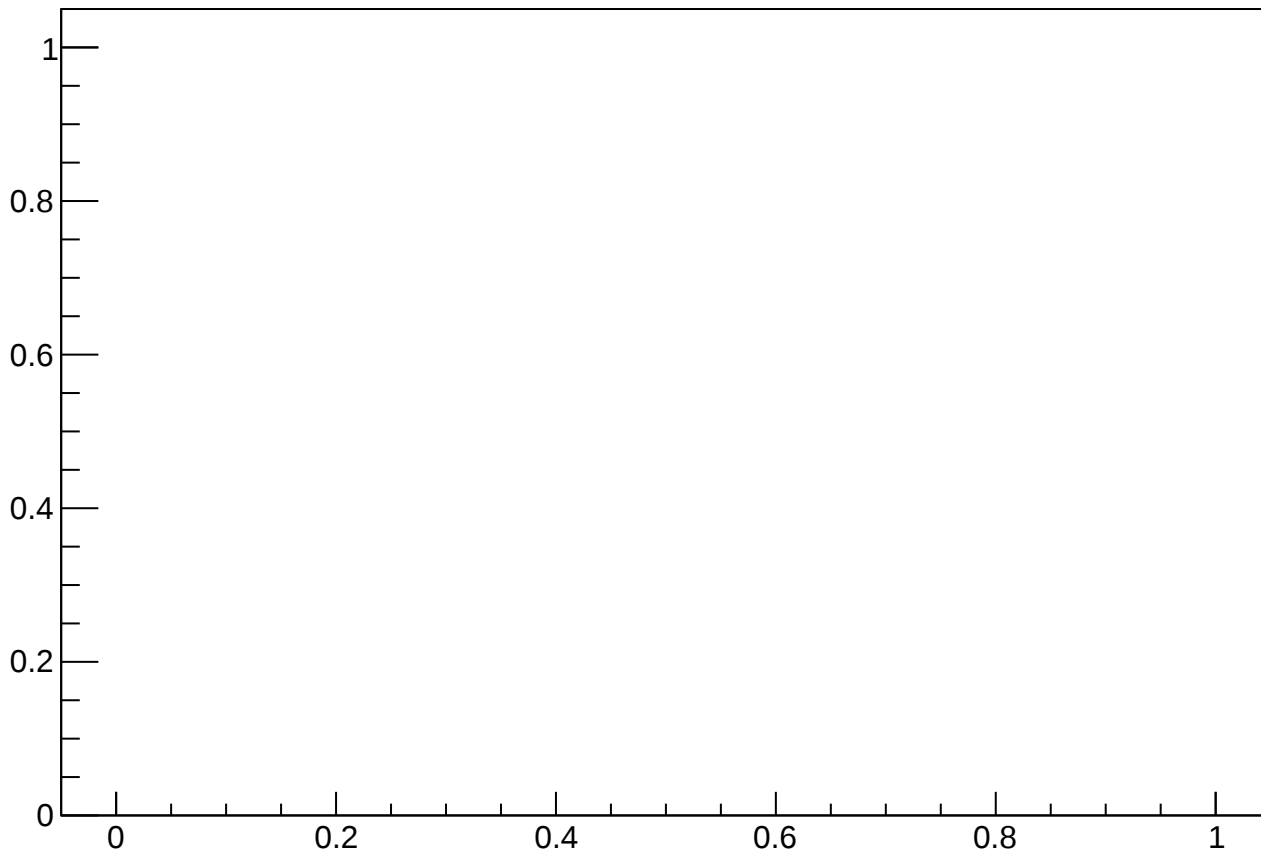
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

111.552 $\pm$ 0.046 χ^2 /NDF: 758036.3/8

110.515 $\pm$ 0.031 χ^2 /NDF: 1561748.1/19

109.629 $\pm$ 0.043 χ^2 /NDF: 802774.5/10

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

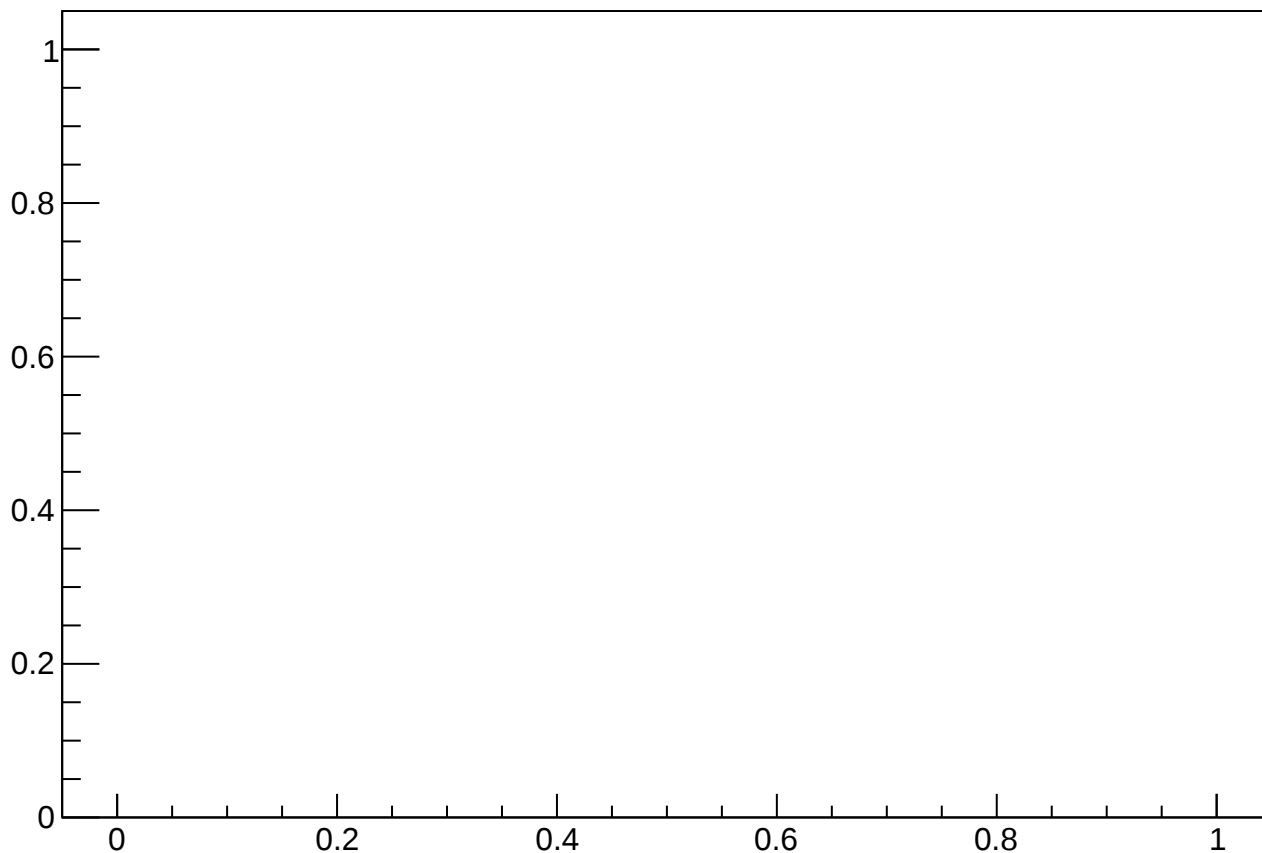
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

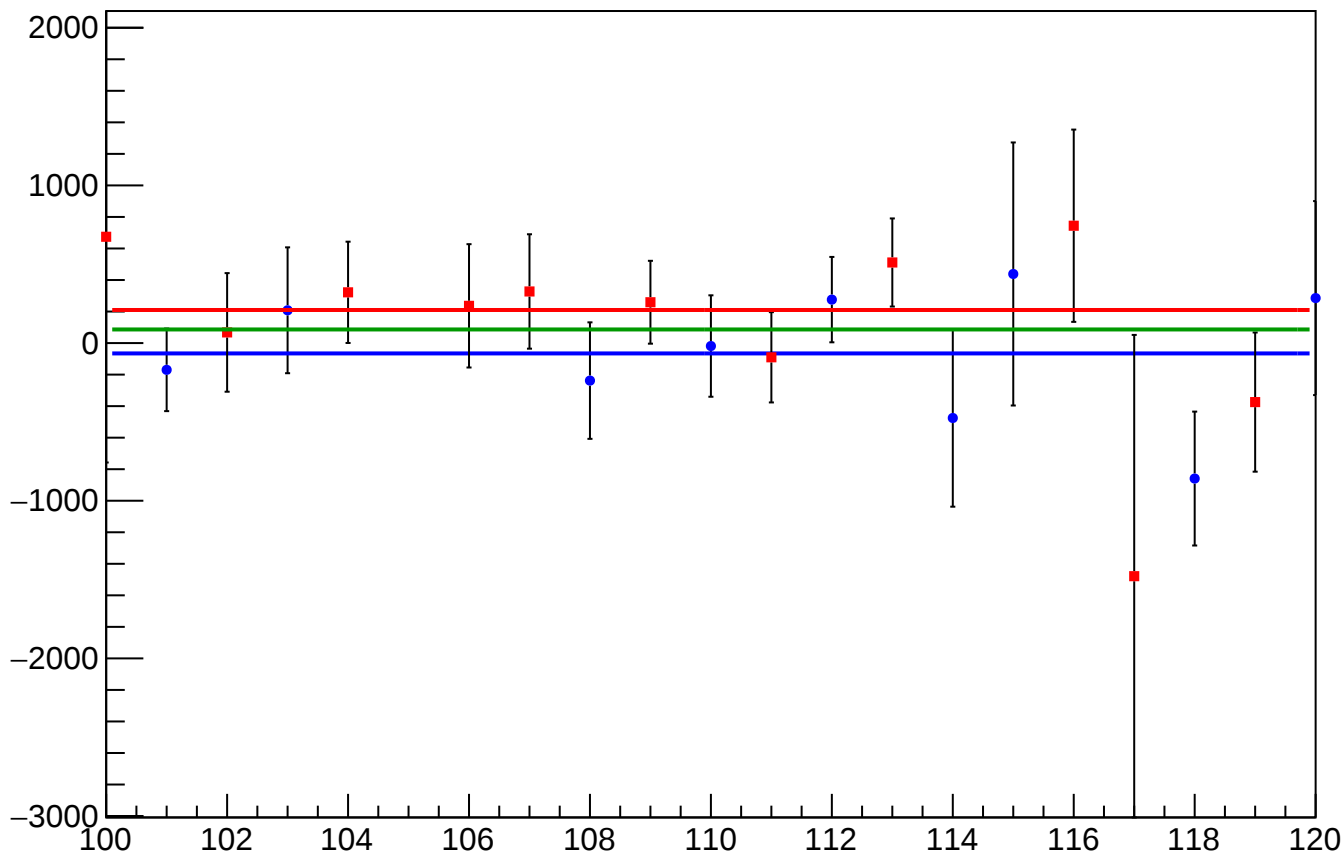
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -65.647 ± 124.729 χ^2/NDF : 7.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 209.837 ± 112.420 χ^2/NDF : 6.5/10

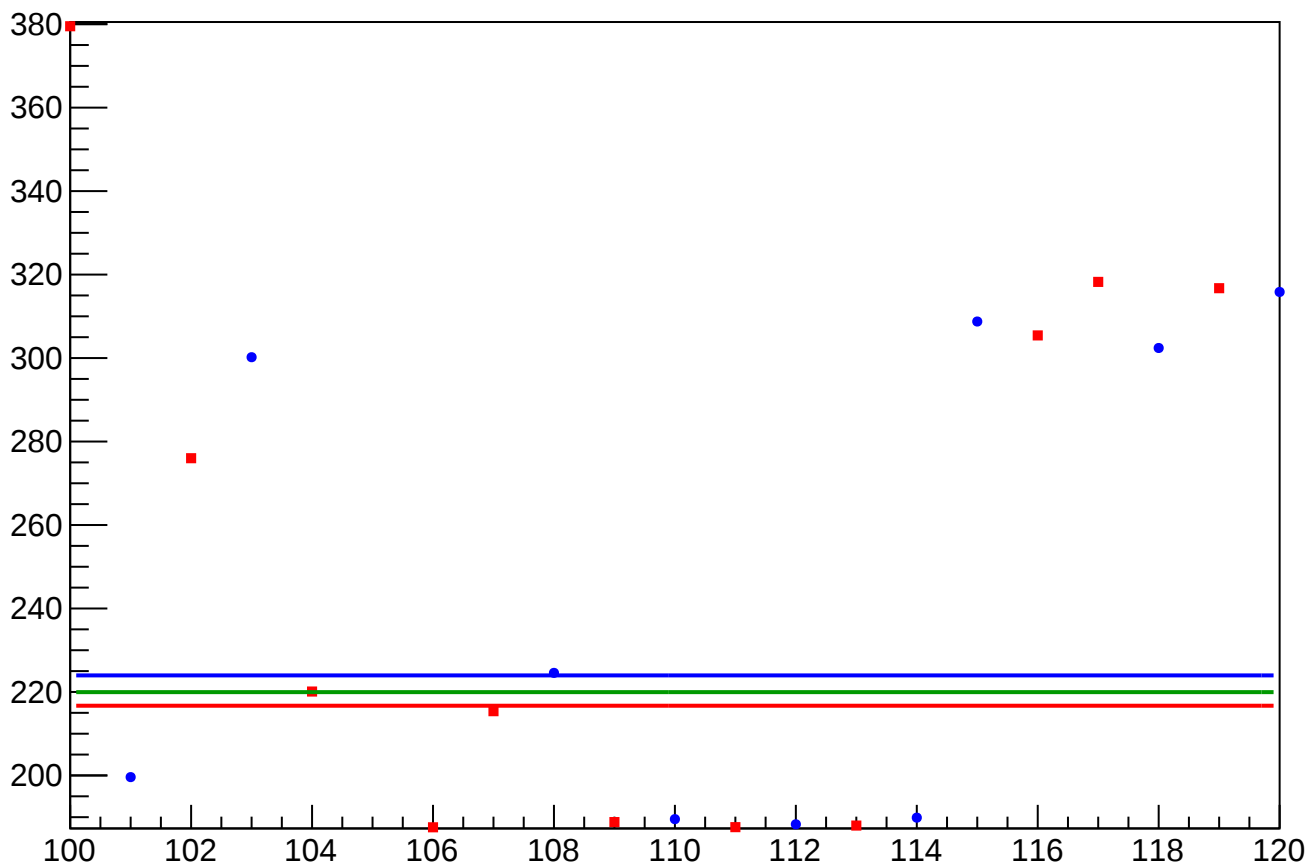
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-65.647 ± 124.729 χ^2/NDF : 7.2/8

86.356 ± 83.507 χ^2/NDF : 16.4/19

209.837 ± 112.420 χ^2/NDF : 6.5/10

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 223.969+/-0.088 χ^2/NDF : 288784.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.704+/-0.079 χ^2/NDF : 305063.0/10

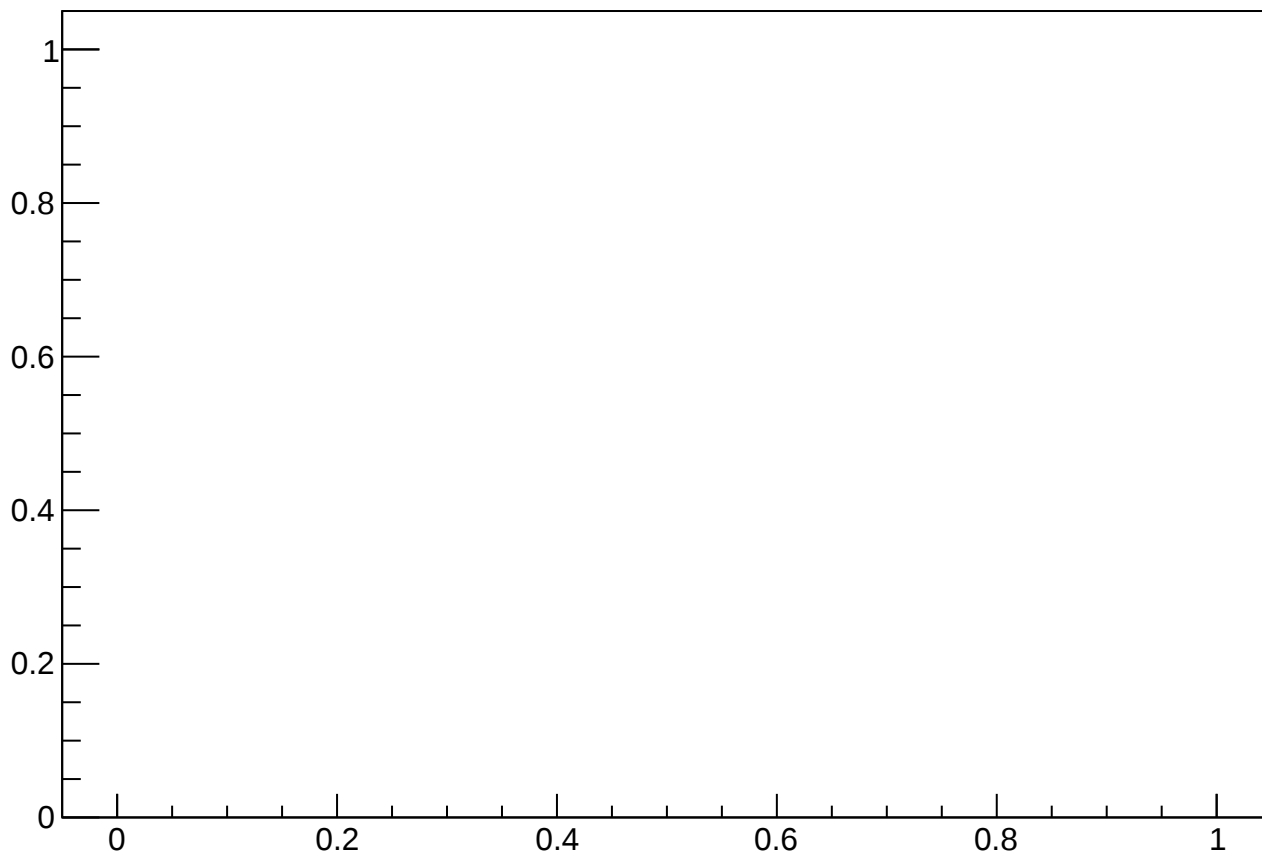
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

223.969+/-0.088 χ^2/NDF : 288784.0/8

219.960+/-0.059 χ^2/NDF : 597590.6/19

216.704+/-0.079 χ^2/NDF : 305063.0/10

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

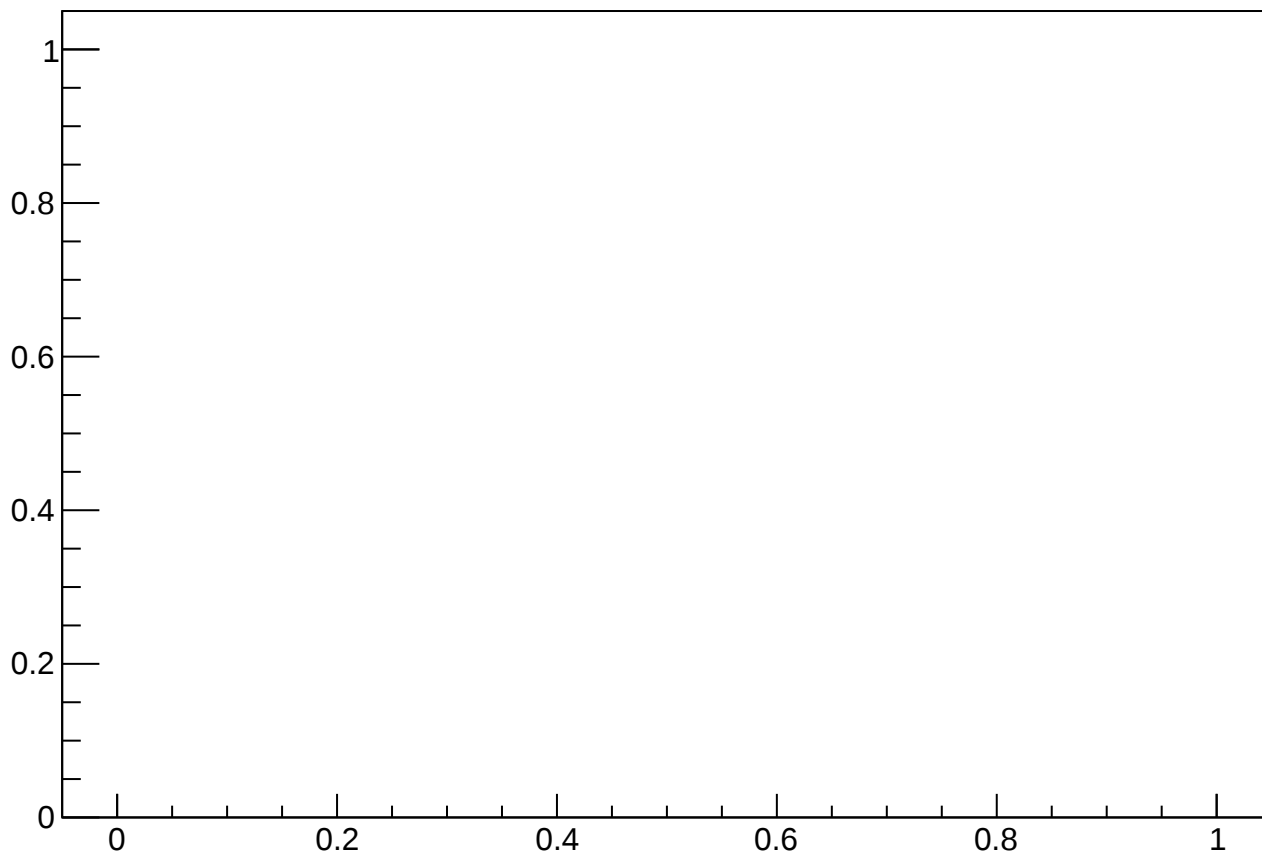
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

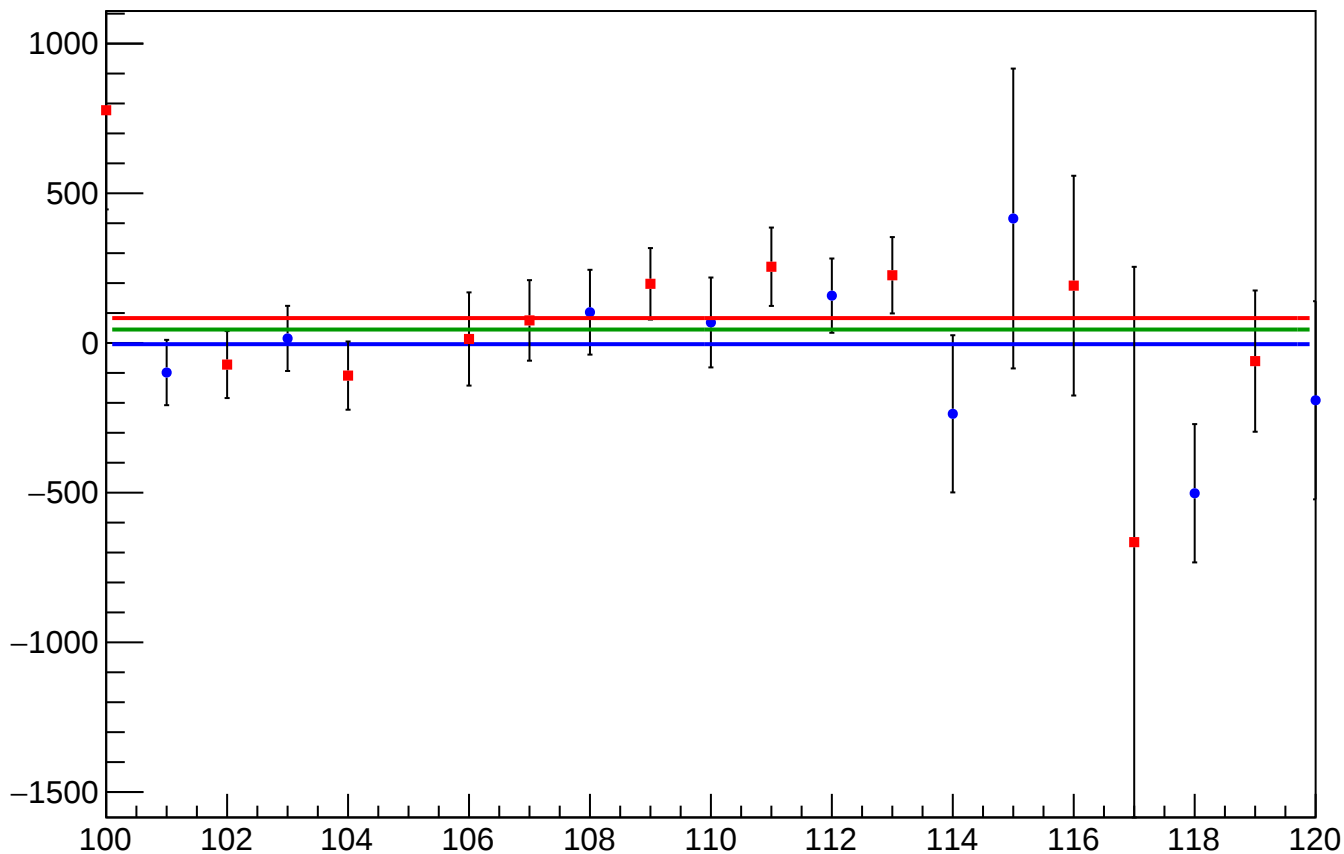
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -4.005+/-51.705 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.133+/-45.681 χ^2/NDF : 14.4/10

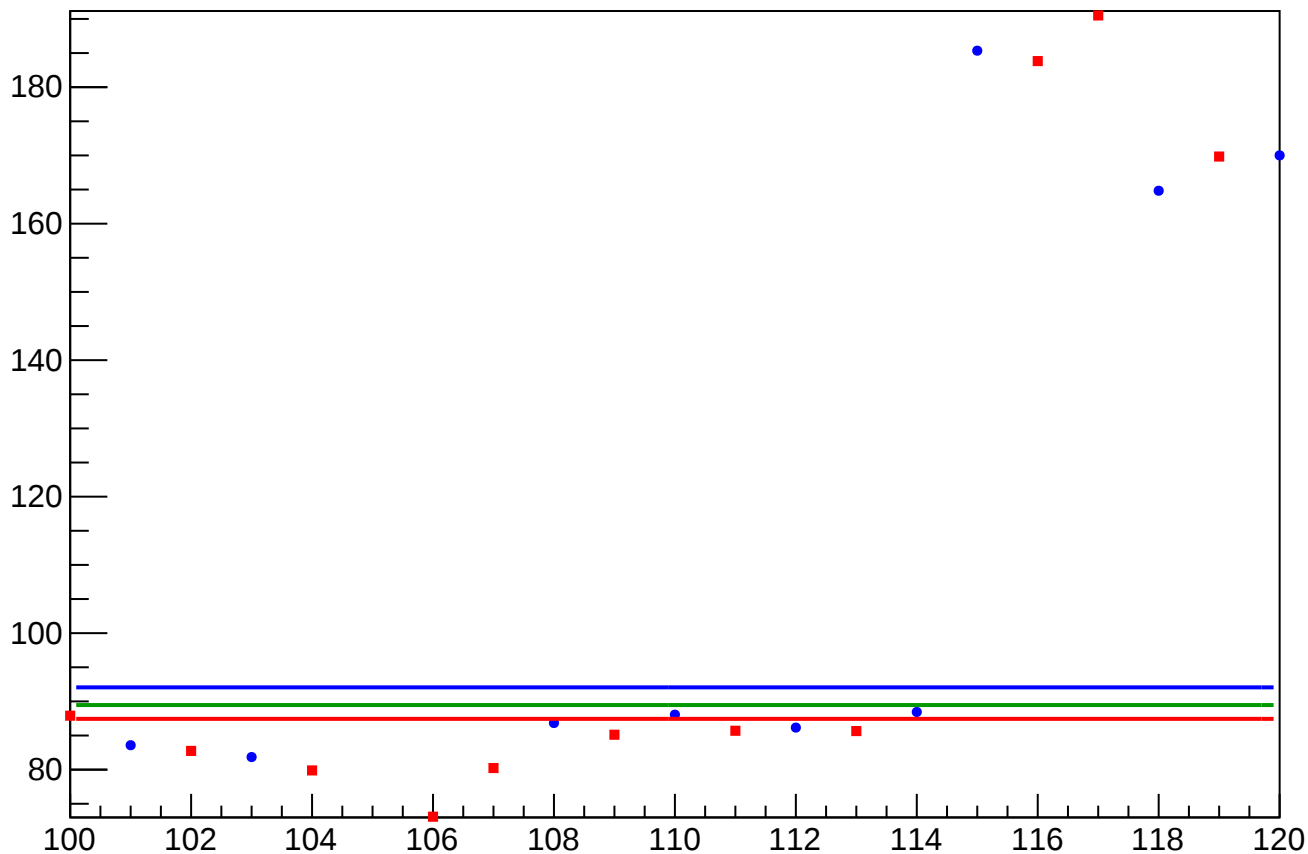
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.005+/-51.705 χ^2/NDF : 9.7/8

44.933+/-34.234 χ^2/NDF : 25.7/19

83.133+/-45.681 χ^2/NDF : 14.4/10

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 92.056 $\pm$ 0.037 χ^2 /NDF: 417594.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.442 $\pm$ 0.032 χ^2 /NDF: 443550.6/10

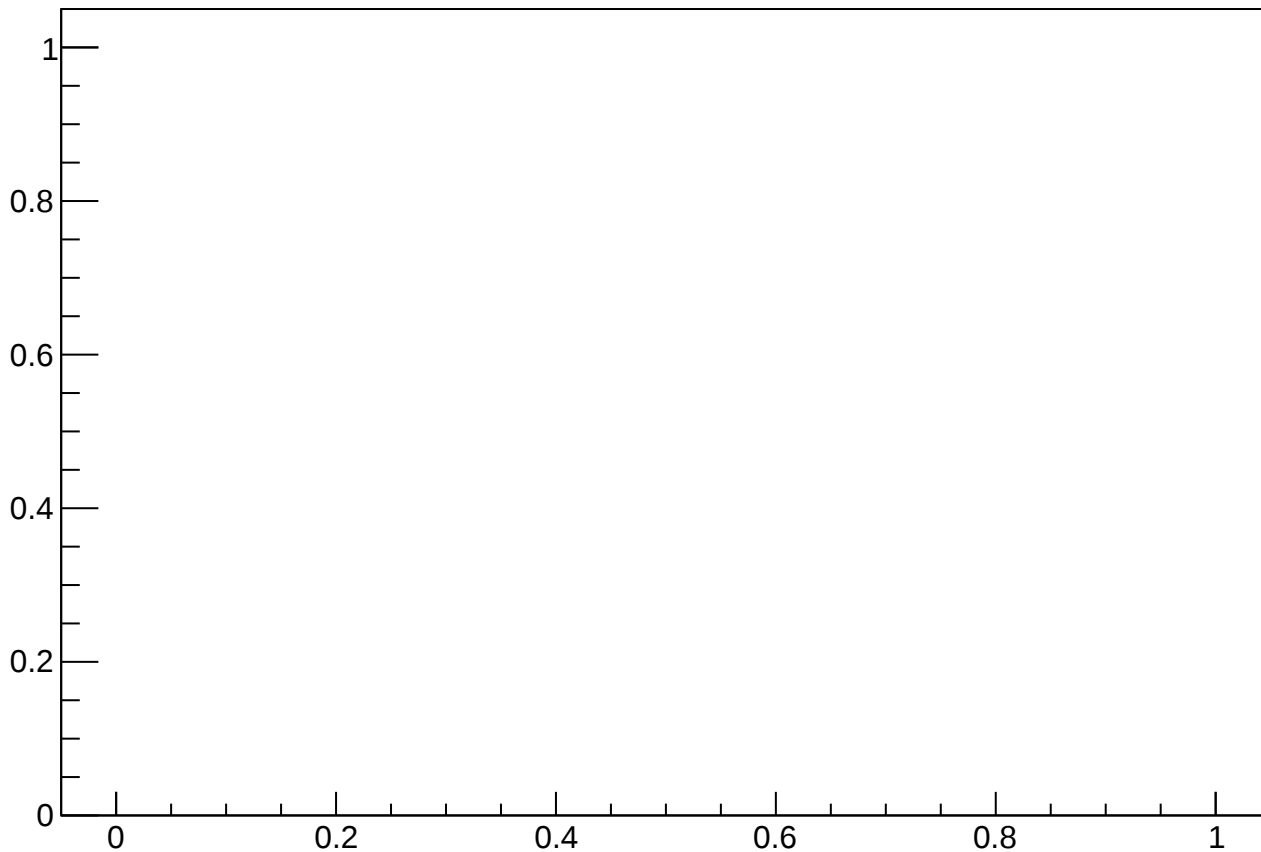
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

92.056 $\pm$ 0.037 χ^2 /NDF: 417594.6/8

89.465 $\pm$ 0.024 χ^2 /NDF: 870089.6/19

87.442 $\pm$ 0.032 χ^2 /NDF: 443550.6/10

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

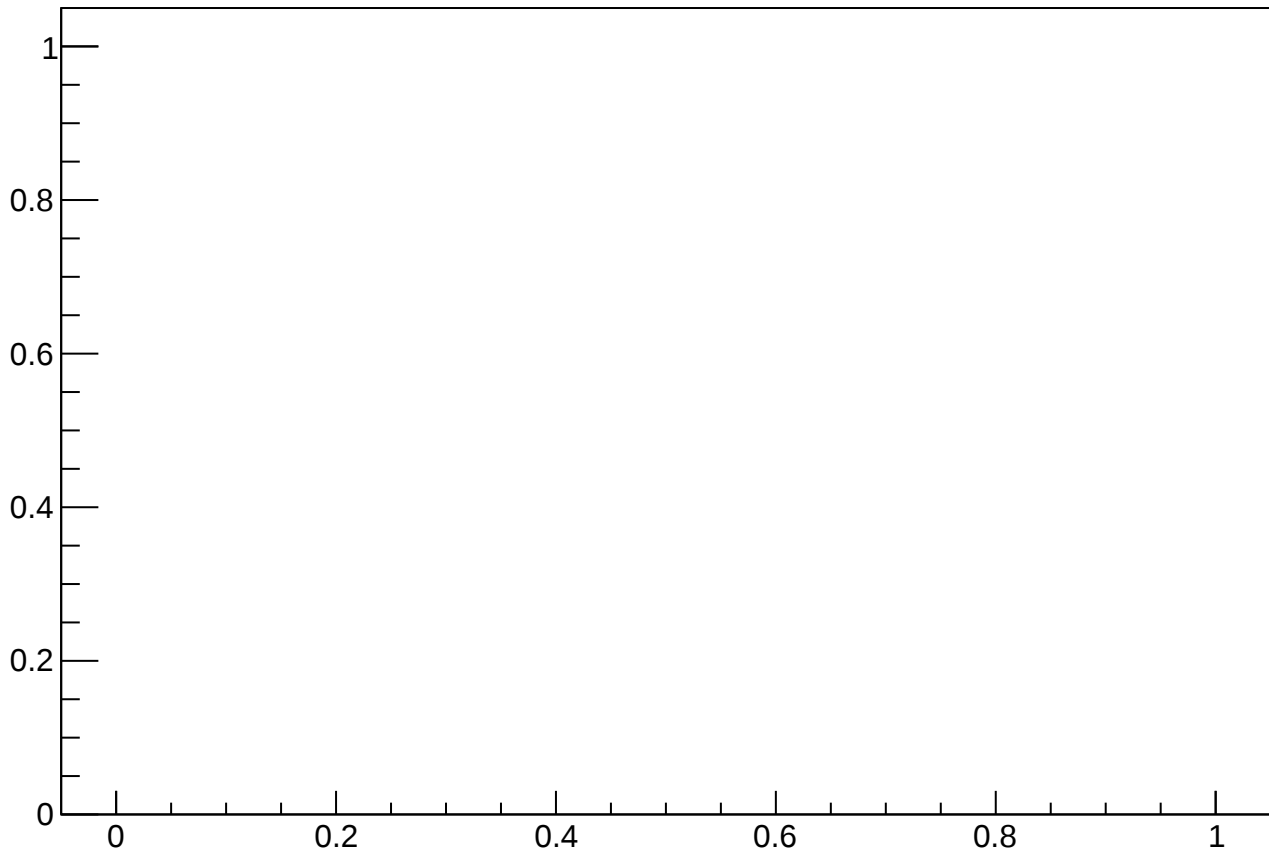
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

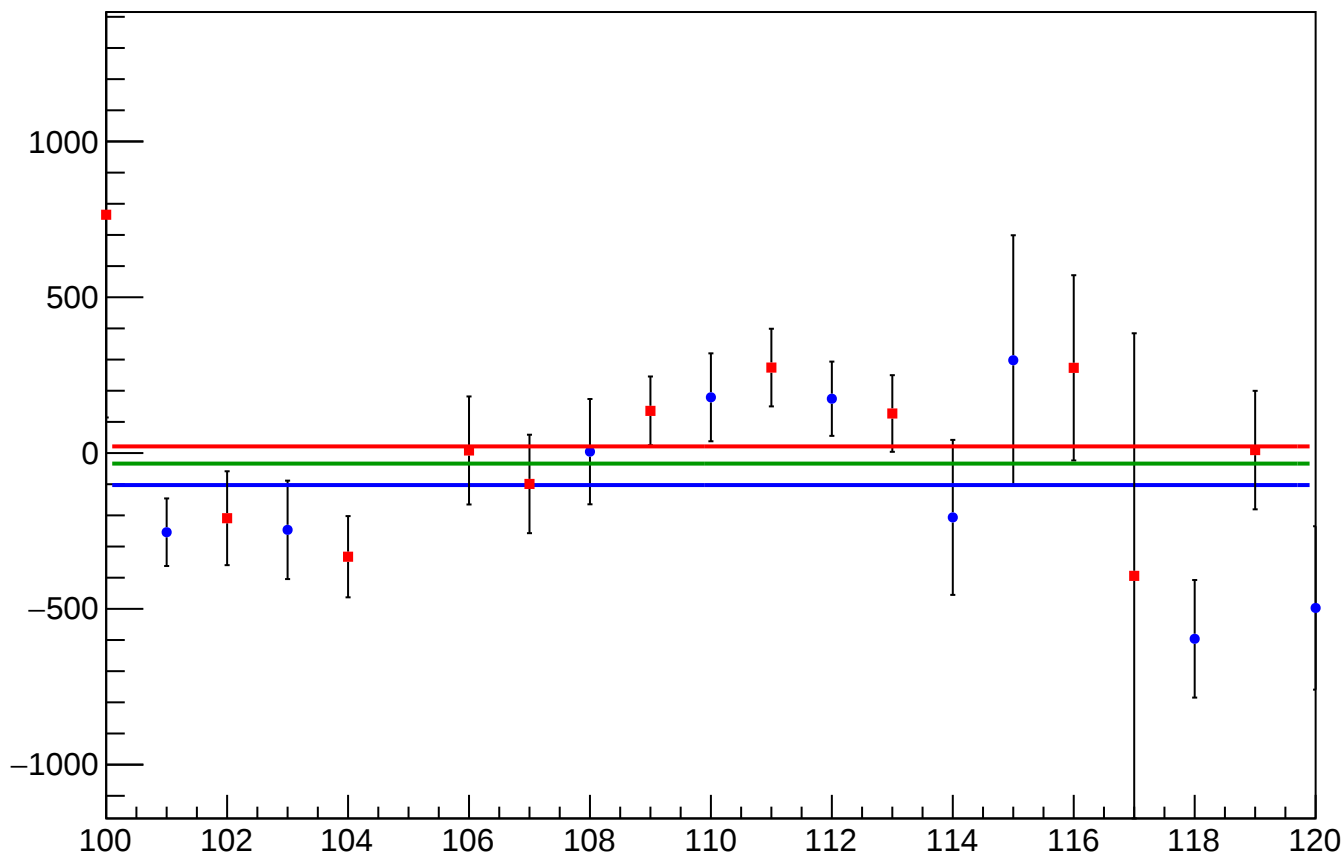
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -102.704+/-53.773 χ^2/NDF : 22.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.352+/-48.119 χ^2/NDF : 18.5/10

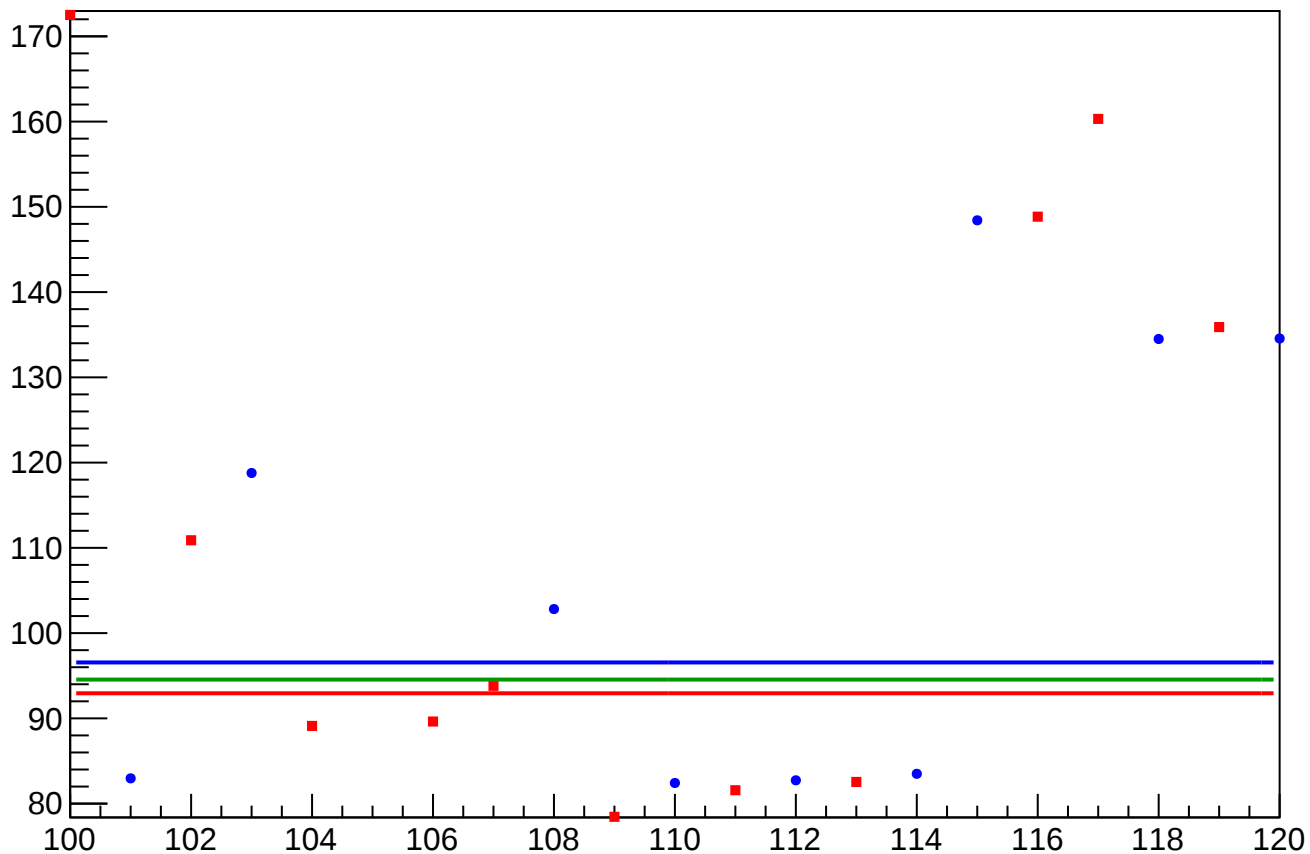
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-102.704+/-53.773 χ^2/NDF : 22.8/8

-33.813+/-35.858 χ^2/NDF : 44.3/19

21.352+/-48.119 χ^2/NDF : 18.5/10

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 96.559+/-0.038 χ^2/NDF : 282619.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.943+/-0.034 χ^2/NDF : 314018.2/10

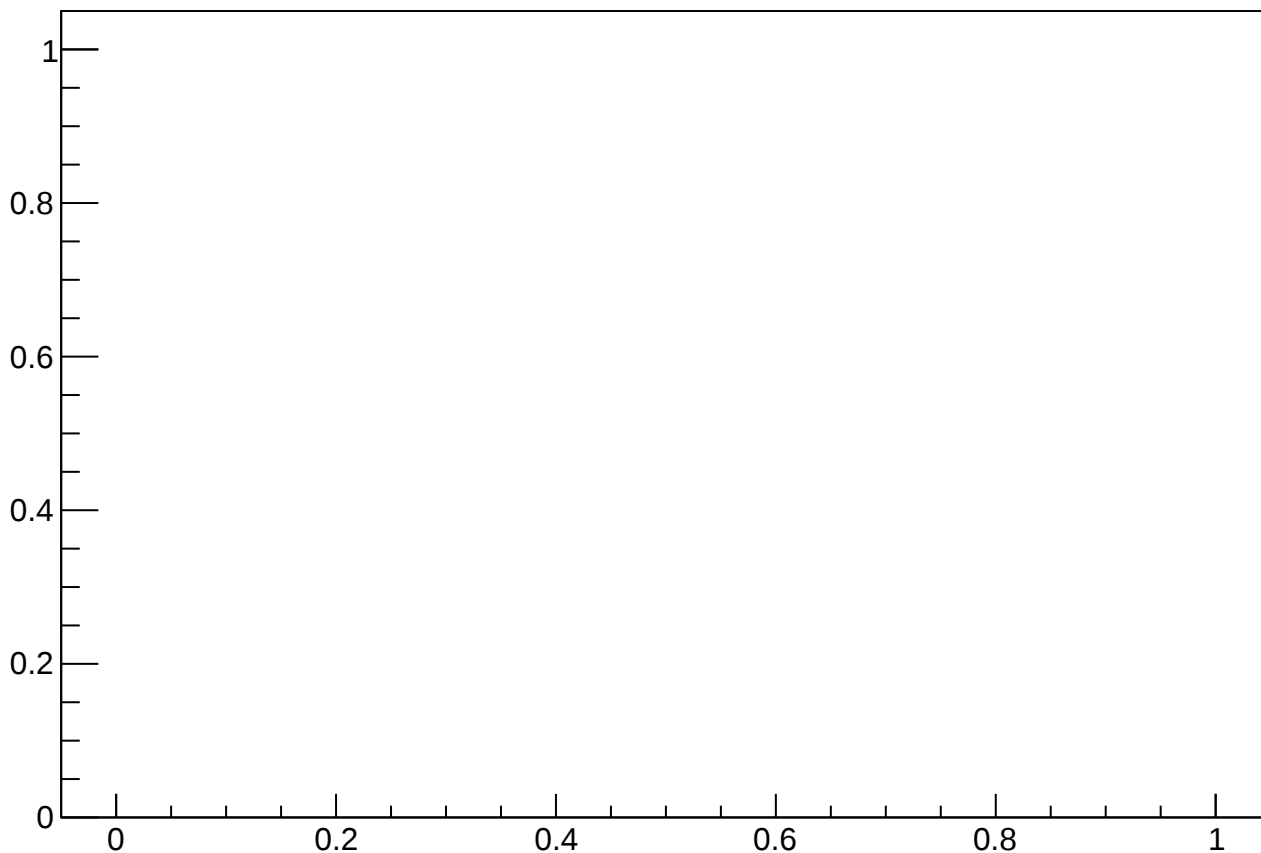
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.559+/-0.038 χ^2/NDF : 282619.9/8

94.551+/-0.025 χ^2/NDF : 601660.0/19

92.943+/-0.034 χ^2/NDF : 314018.2/10

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

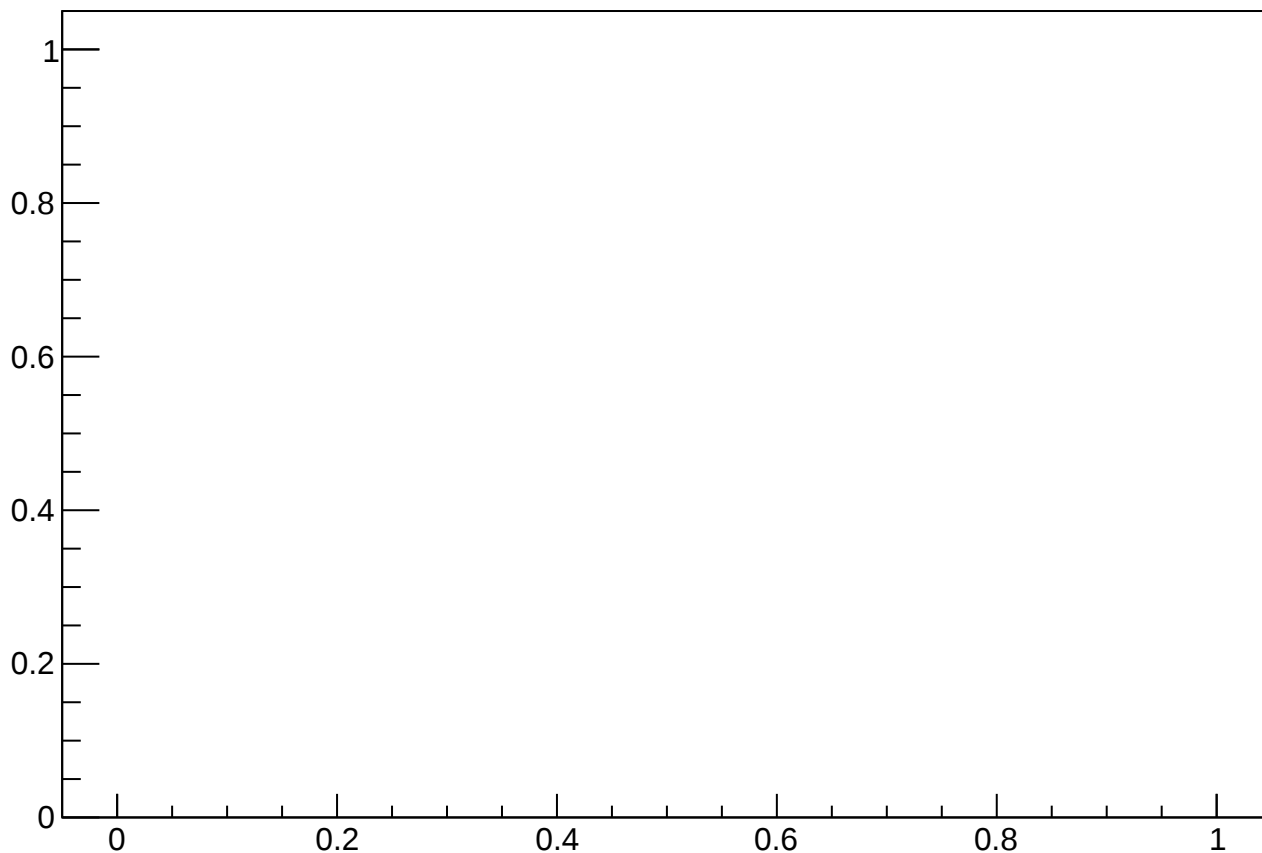
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

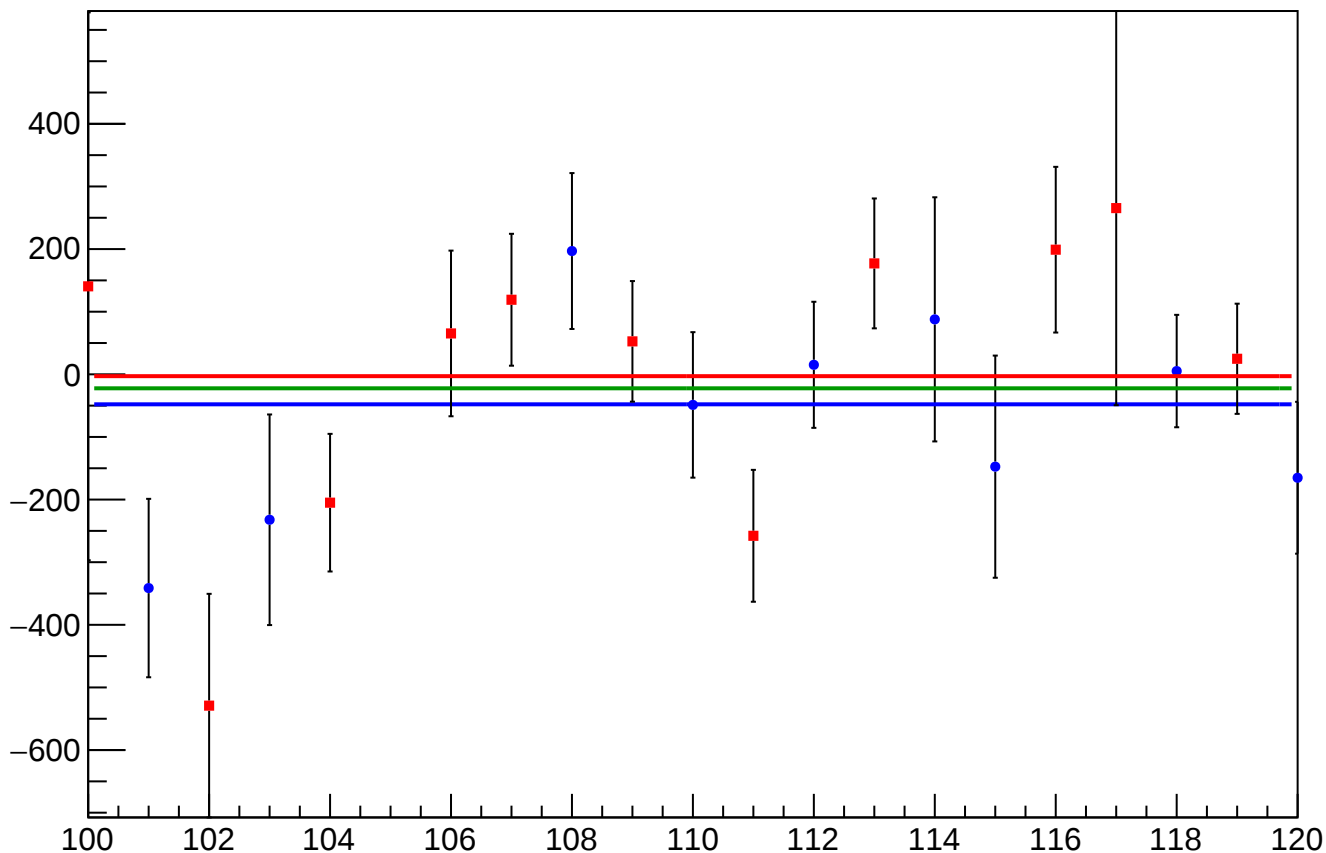
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -47.890 ± 41.804 χ^2/NDF : 11.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.933 ± 36.413 χ^2/NDF : 26.1/10

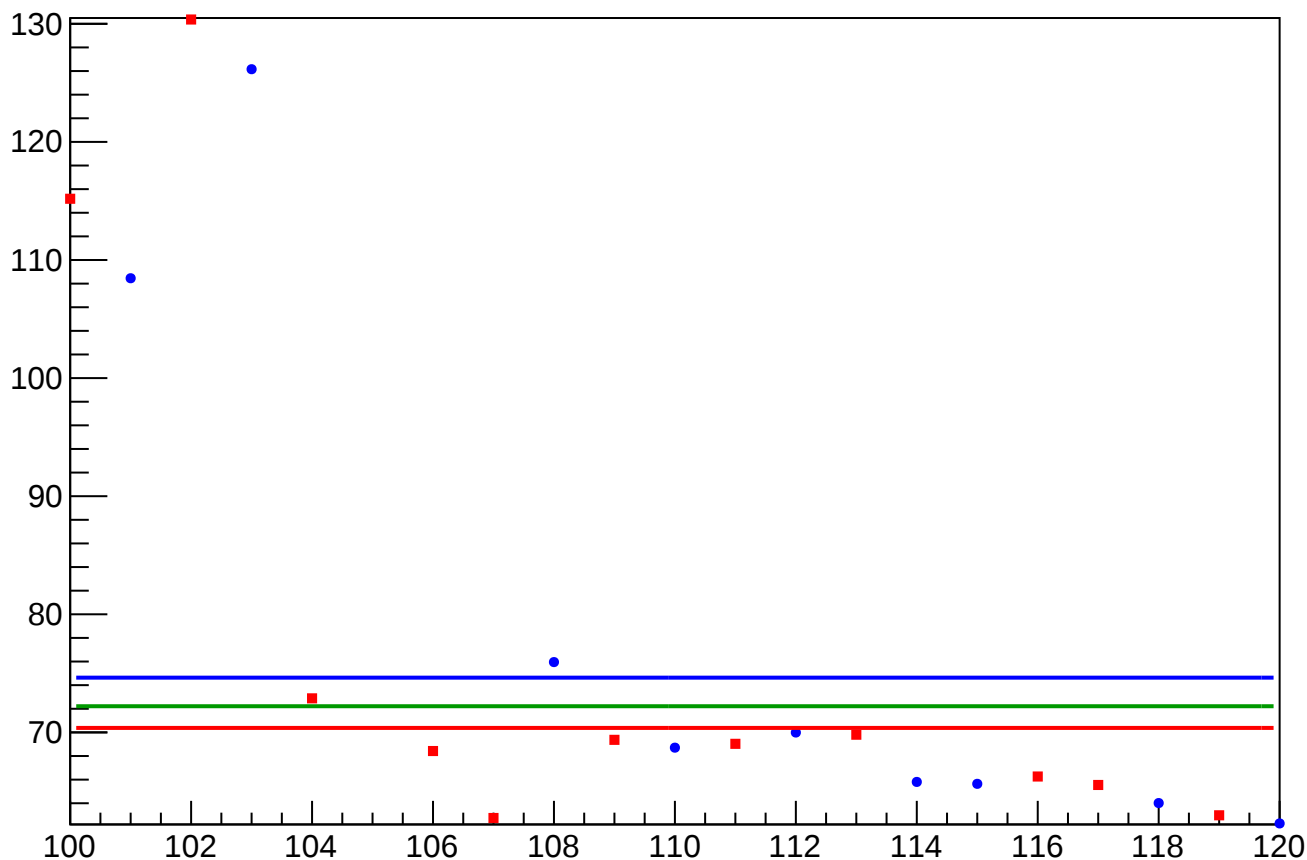
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-47.890 ± 41.804 χ^2/NDF : 11.8/8

-22.327 ± 27.457 χ^2/NDF : 38.6/19

-2.933 ± 36.413 χ^2/NDF : 26.1/10

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.635+/-0.030 χ^2/NDF : 368131.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.379+/-0.026 χ^2/NDF : 275870.2/10

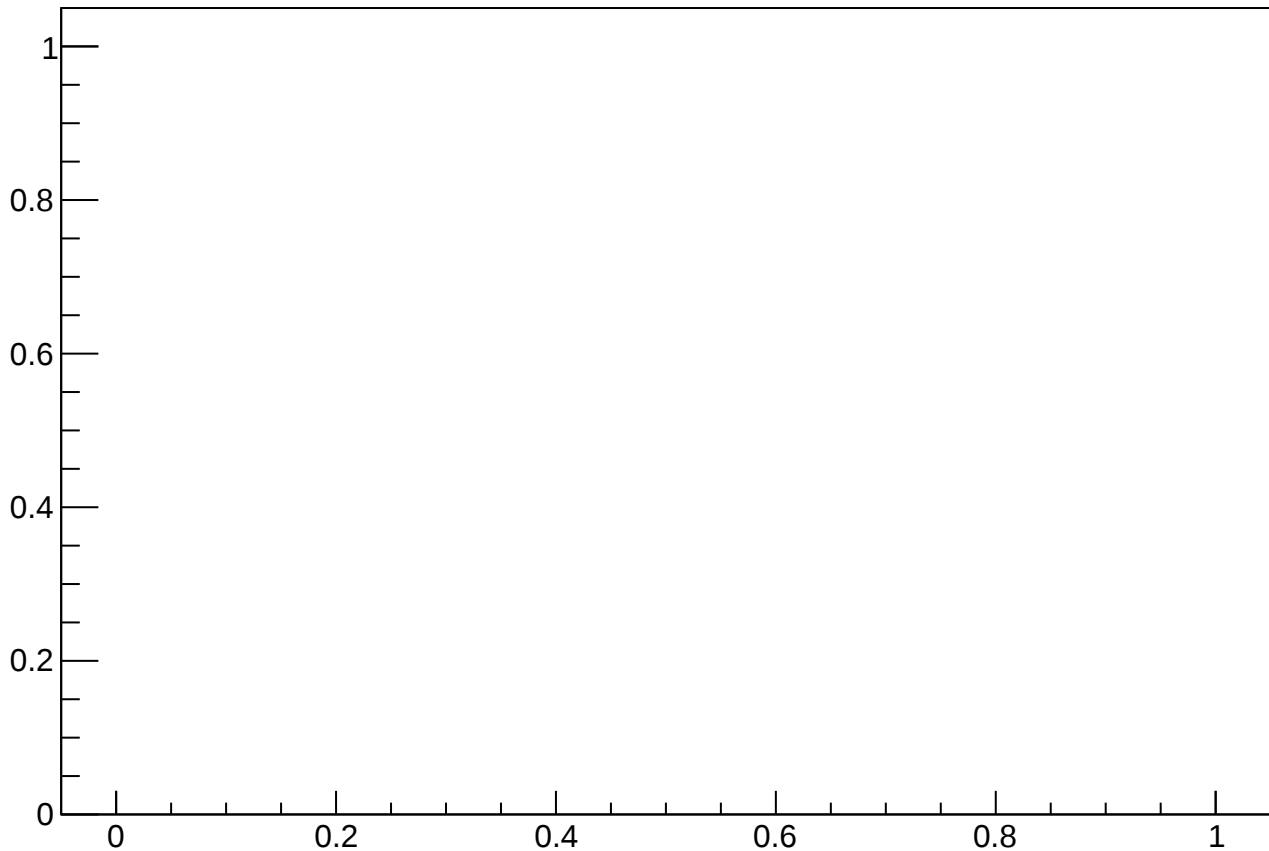
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

74.635+/-0.030 χ^2/NDF : 368131.5/8

72.215+/-0.019 χ^2/NDF : 655792.4/19

70.379+/-0.026 χ^2/NDF : 275870.2/10

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

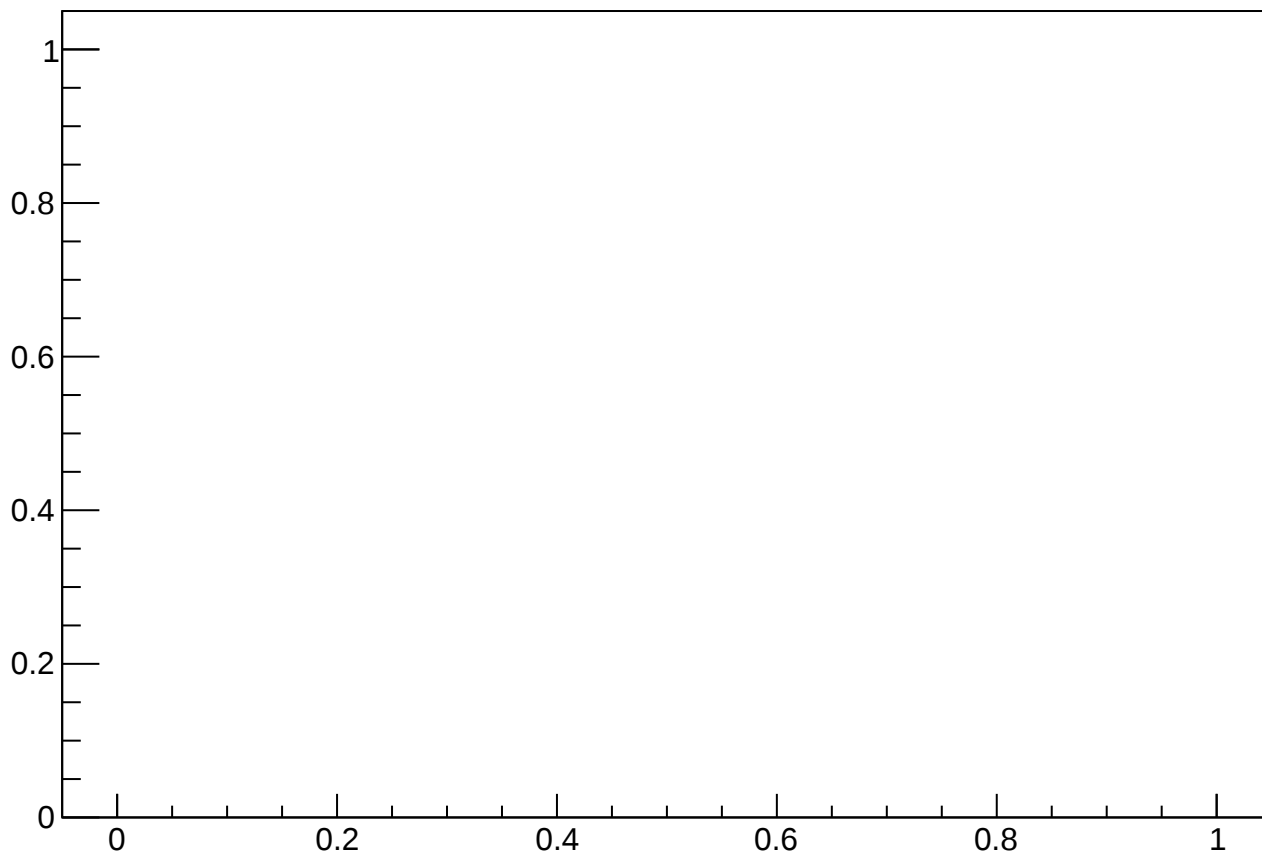
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

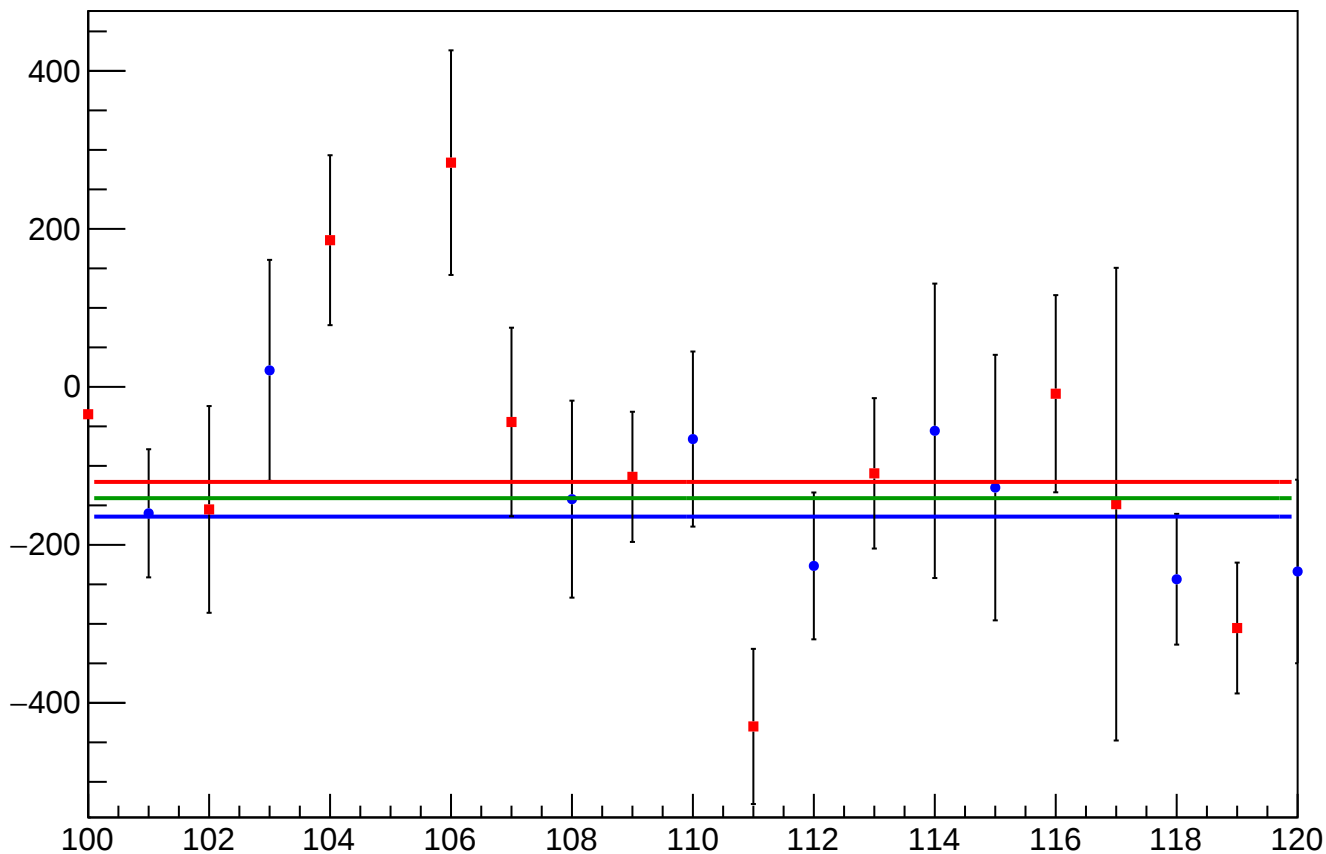
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -164.236+/-36.542 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.312+/-34.283 χ^2/NDF : 32.4/10

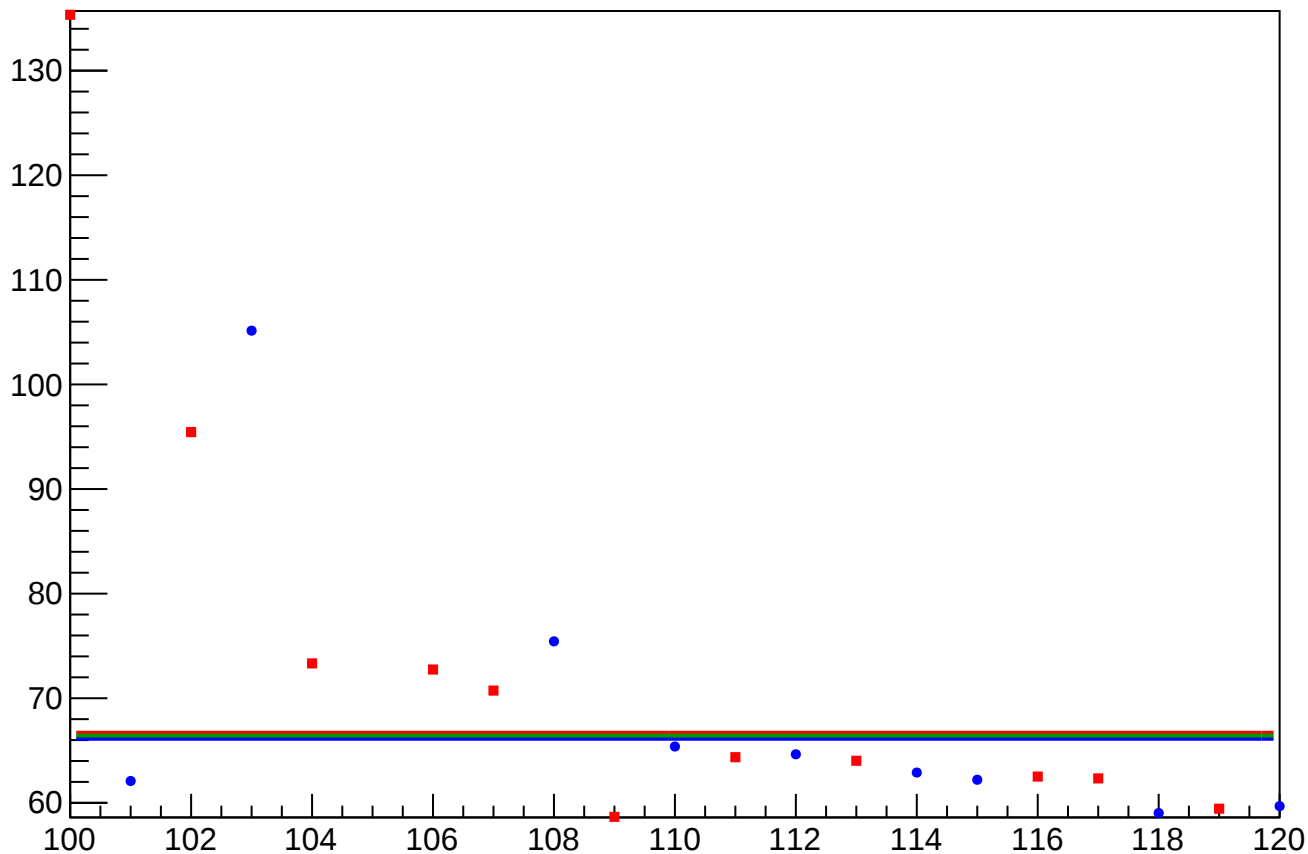
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-164.236+/-36.542 χ^2/NDF : 4.7/8

-140.874+/-25.002 χ^2/NDF : 37.9/19

-120.312+/-34.283 χ^2/NDF : 32.4/10

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 66.127+/-0.026 χ^2/NDF : 194870.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.699+/-0.024 χ^2/NDF : 185968.9/10

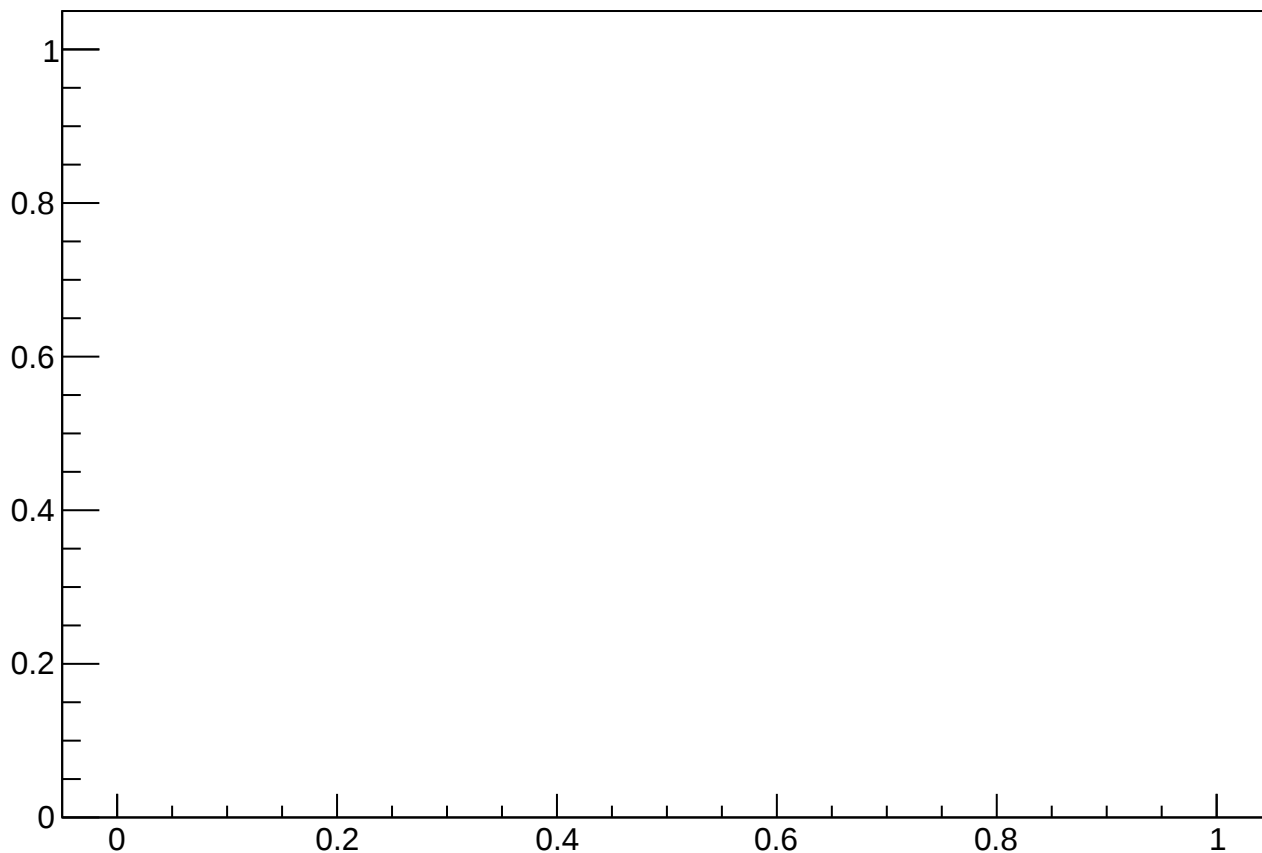
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.127+/-0.026 χ^2/NDF : 194870.0/8

66.431+/-0.018 χ^2/NDF : 381100.0/19

66.699+/-0.024 χ^2/NDF : 185968.9/10

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

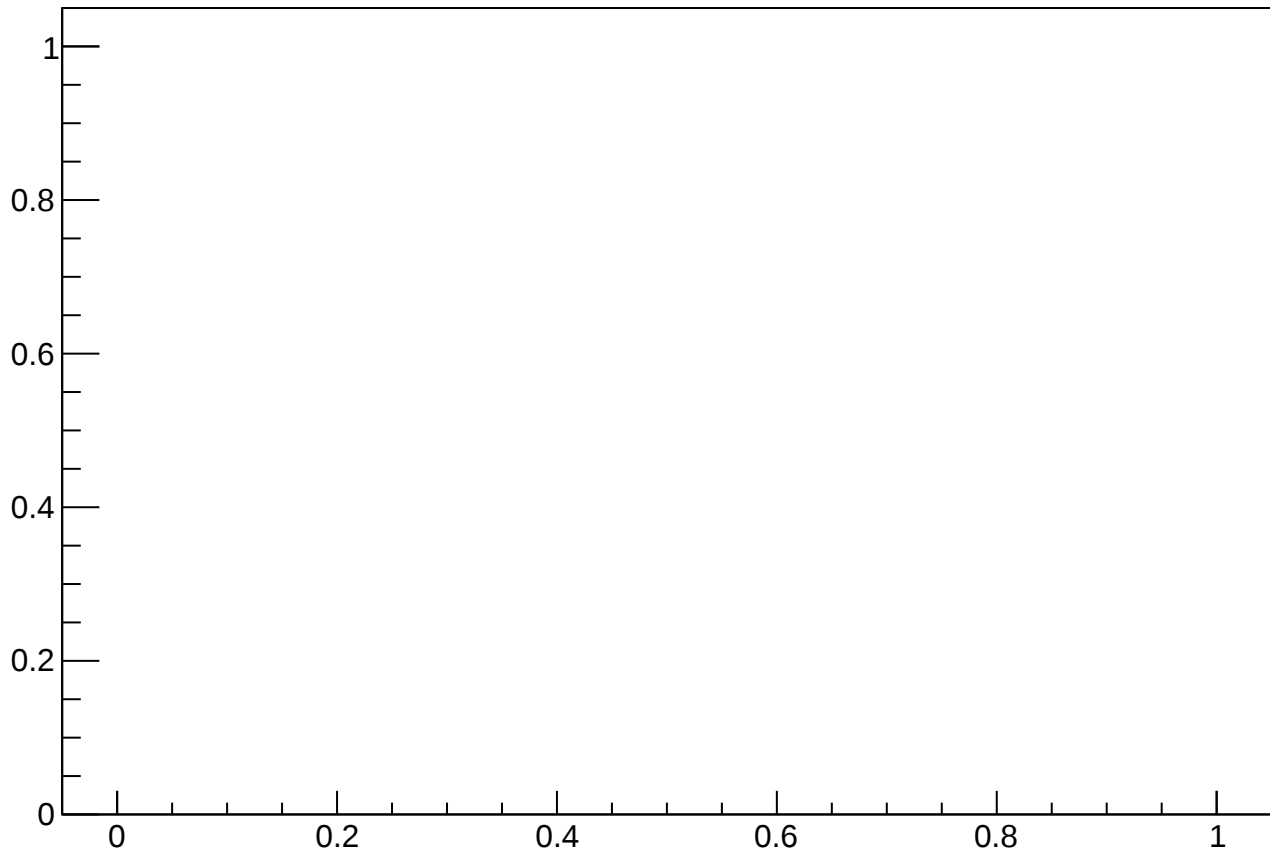
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

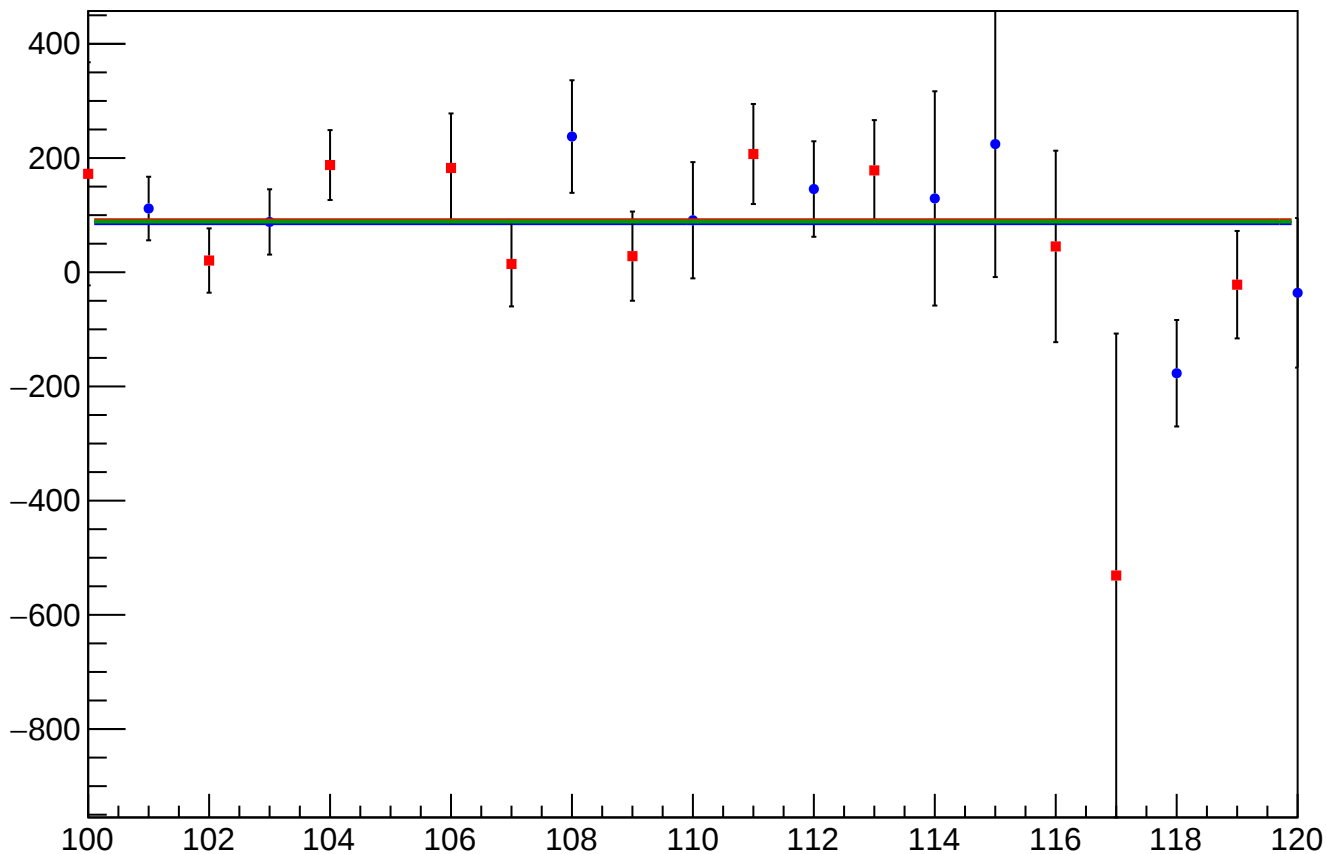
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 85.980 $\pm$ 28.975 χ^2 /NDF: 12.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.094 $\pm$ 26.027 χ^2 /NDF: 13.3/10

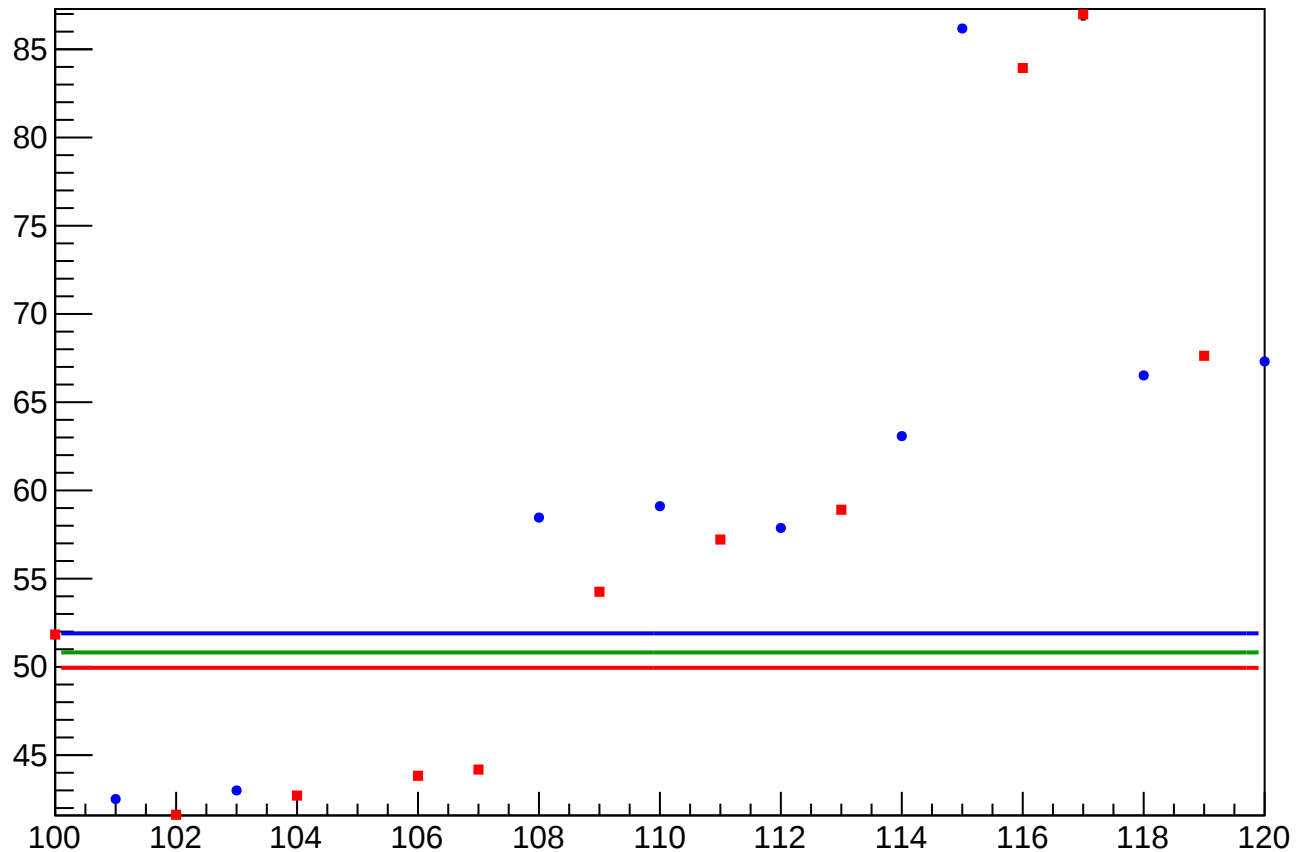
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

85.980 $\pm$ 28.975 χ^2 /NDF: 12.3/8

88.810 $\pm$ 19.363 χ^2 /NDF: 25.6/19

91.094 $\pm$ 26.027 χ^2 /NDF: 13.3/10

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.900+/-0.020 χ^2/NDF : 261682.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.946+/-0.018 χ^2/NDF : 300798.8/10

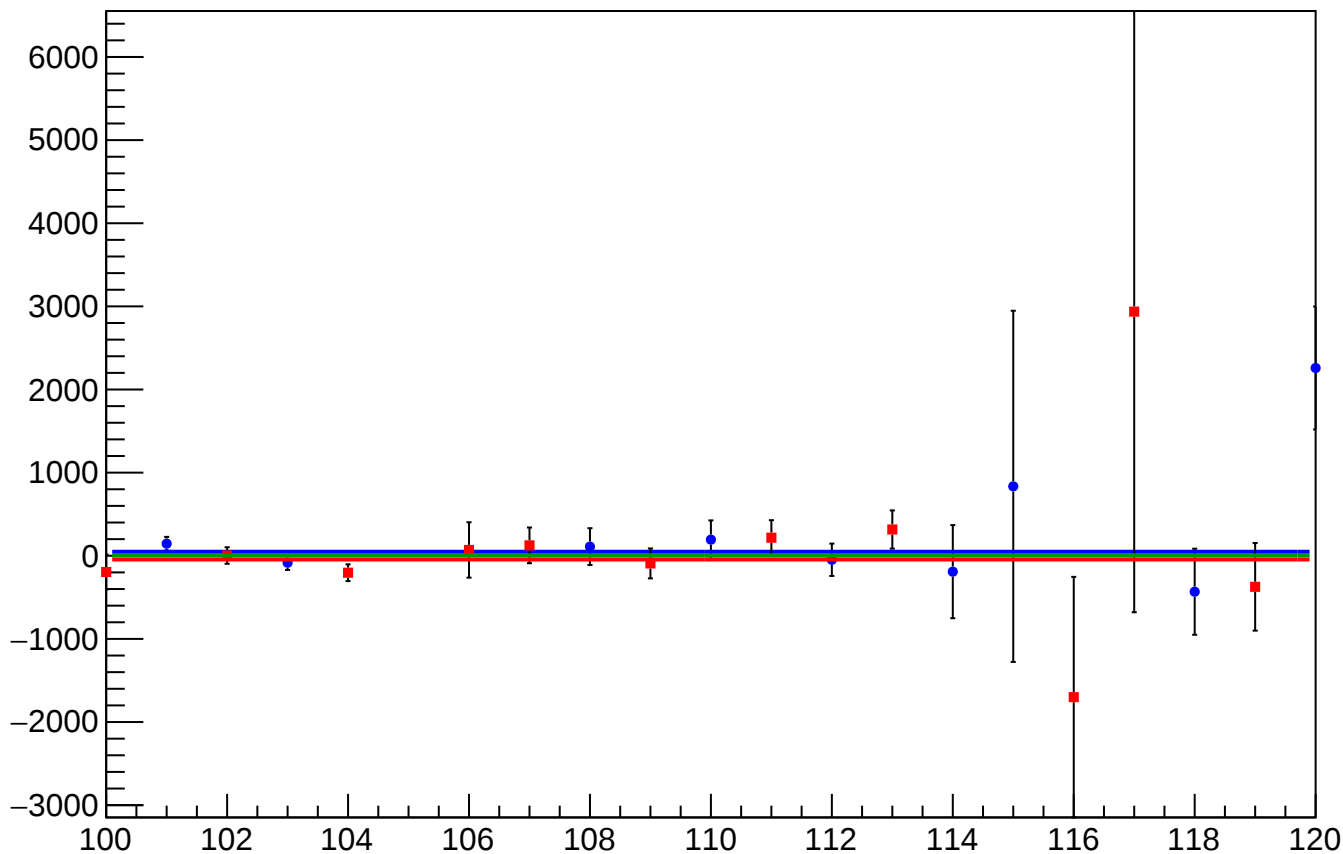
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.900+/-0.020 χ^2/NDF : 261682.1/8

50.819+/-0.014 χ^2/NDF : 567514.7/19

49.946+/-0.018 χ^2/NDF : 300798.8/10

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 48.506+/-53.052 χ^2/NDF : 14.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.819+/-55.105 χ^2/NDF : 10.4/10

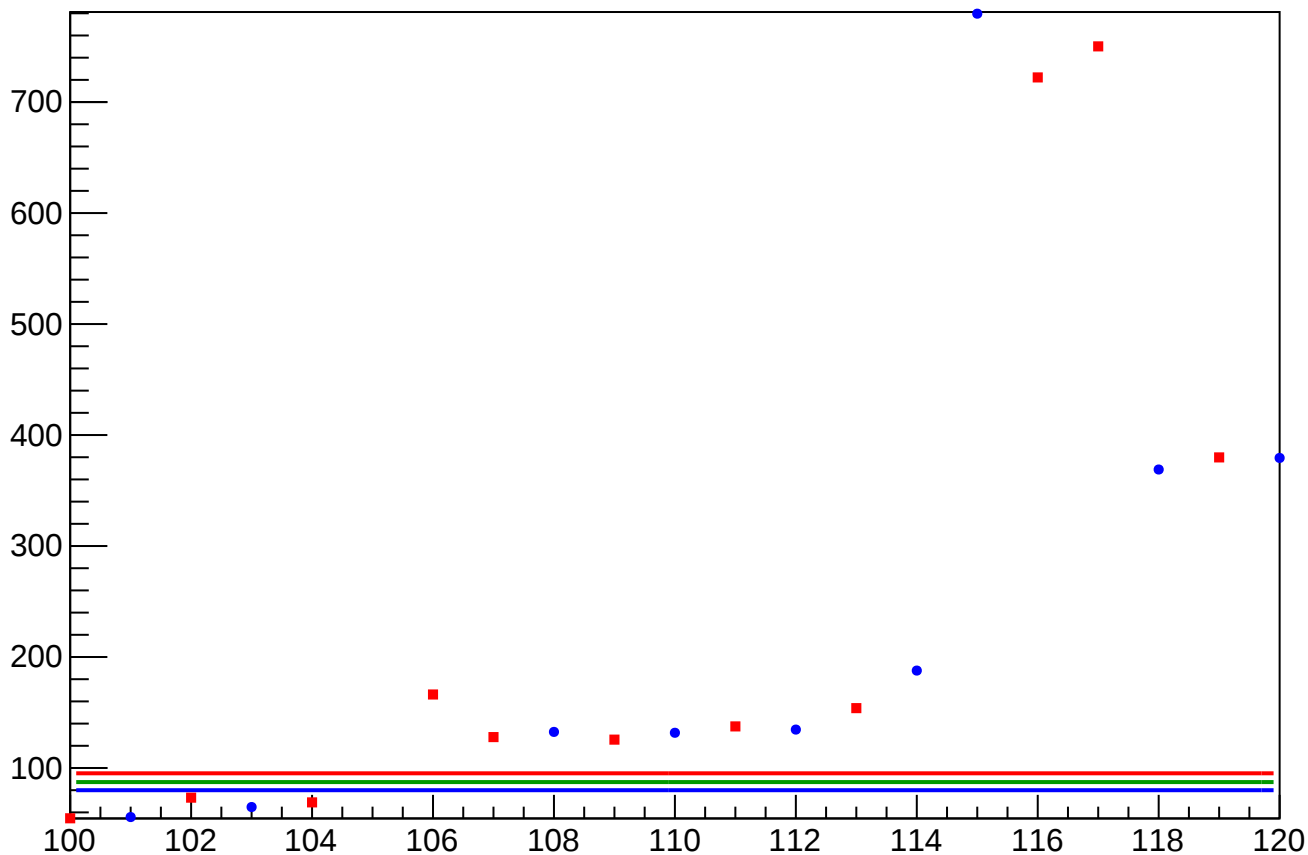
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.506+/-53.052 χ^2/NDF : 14.5/8

3.614+/-38.219 χ^2/NDF : 26.5/19

-44.819+/-55.105 χ^2/NDF : 10.4/10

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 79.983+/-0.038 χ^2/NDF : 1848939.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.216+/-0.039 χ^2/NDF : 1736226.7/10

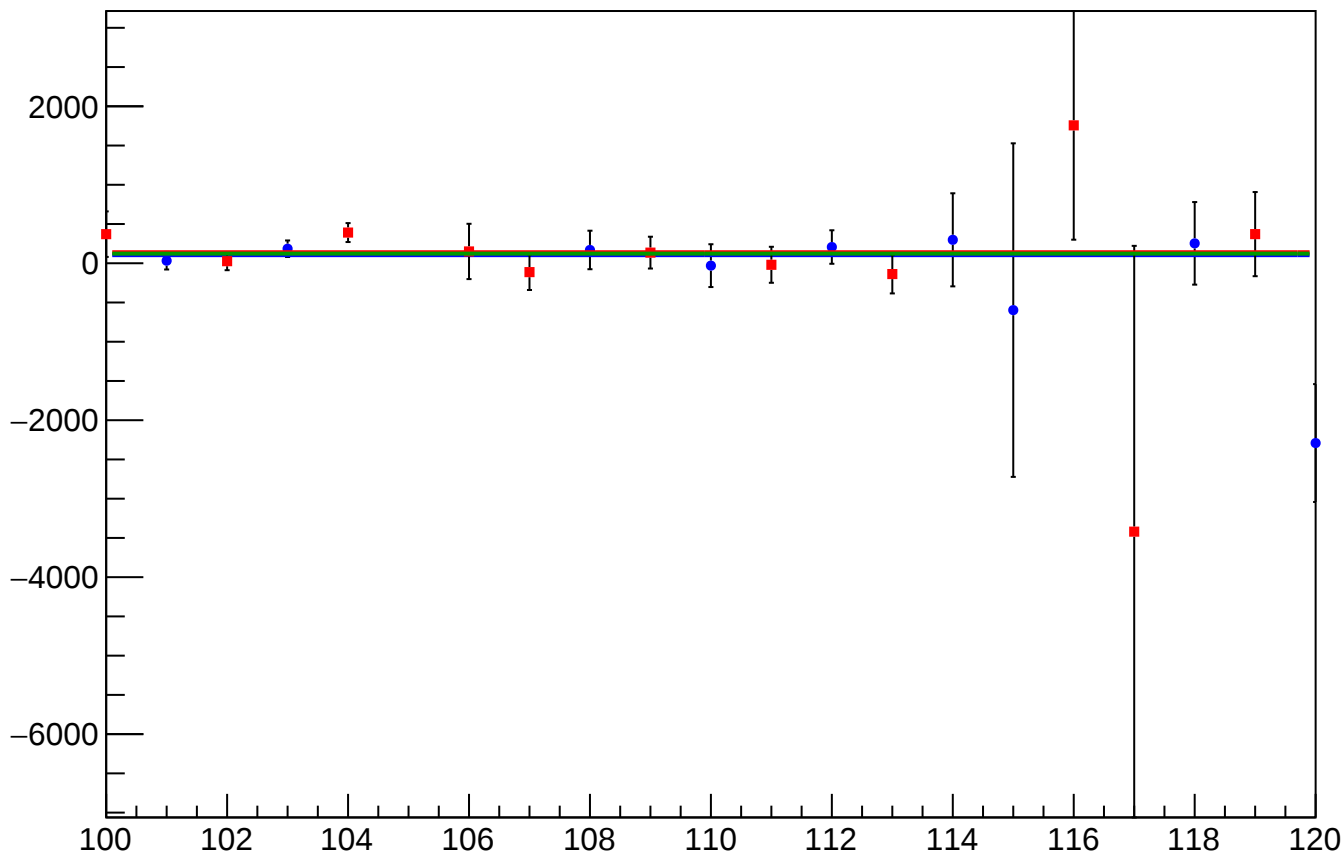
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

79.983+/-0.038 χ^2/NDF : 1848939.8/8

87.311+/-0.027 χ^2/NDF : 3664484.6/19

95.216+/-0.039 χ^2/NDF : 1736226.7/10

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 103.120+/-65.922 χ^2/NDF : 12.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.699+/-63.546 χ^2/NDF : 11.3/10

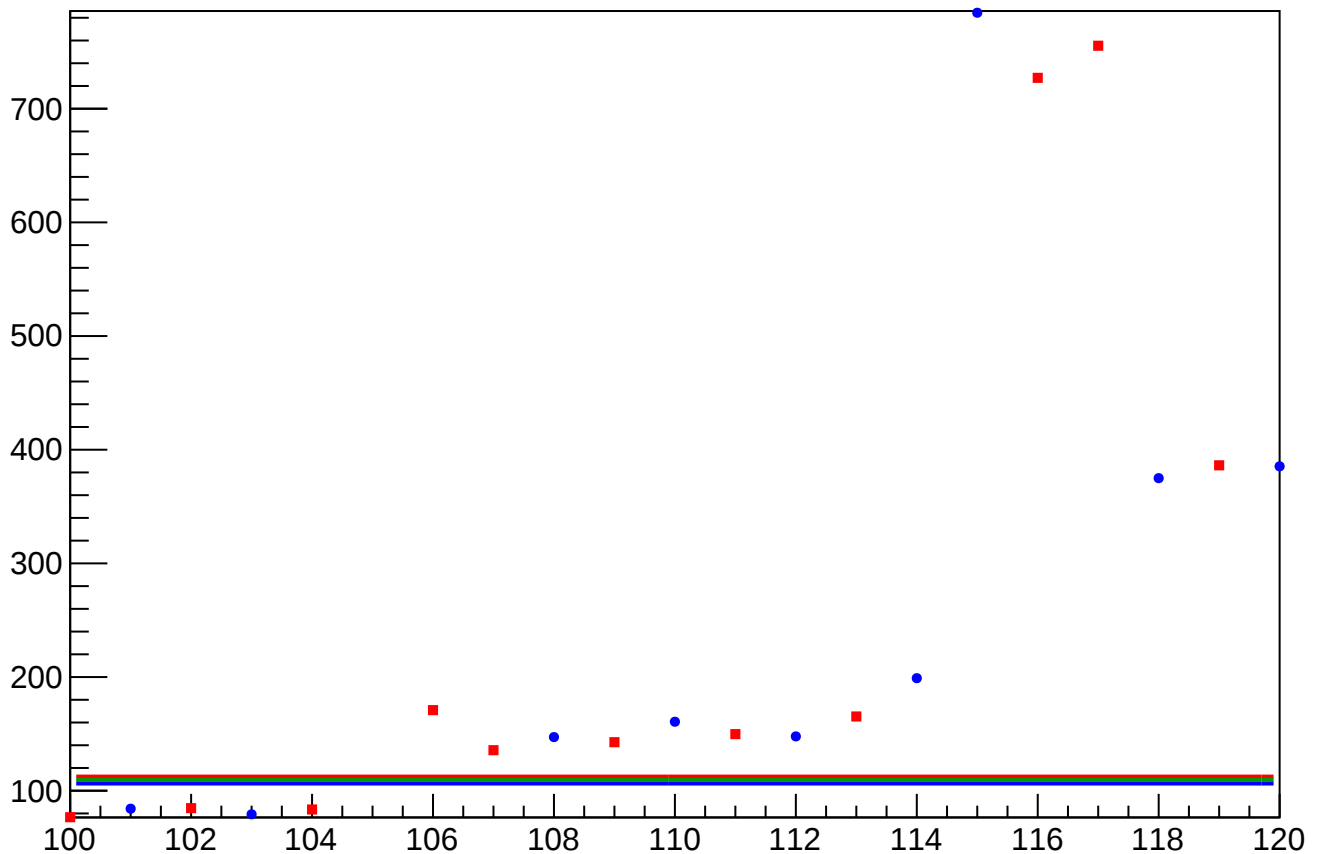
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.120+/-65.922 χ^2/NDF : 12.0/8

122.599+/-45.751 χ^2/NDF : 23.5/19

140.699+/-63.546 χ^2/NDF : 11.3/10

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 106.313+/-0.047 χ^2/NDF : 1470480.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.443+/-0.045 χ^2/NDF : 1468046.2/10

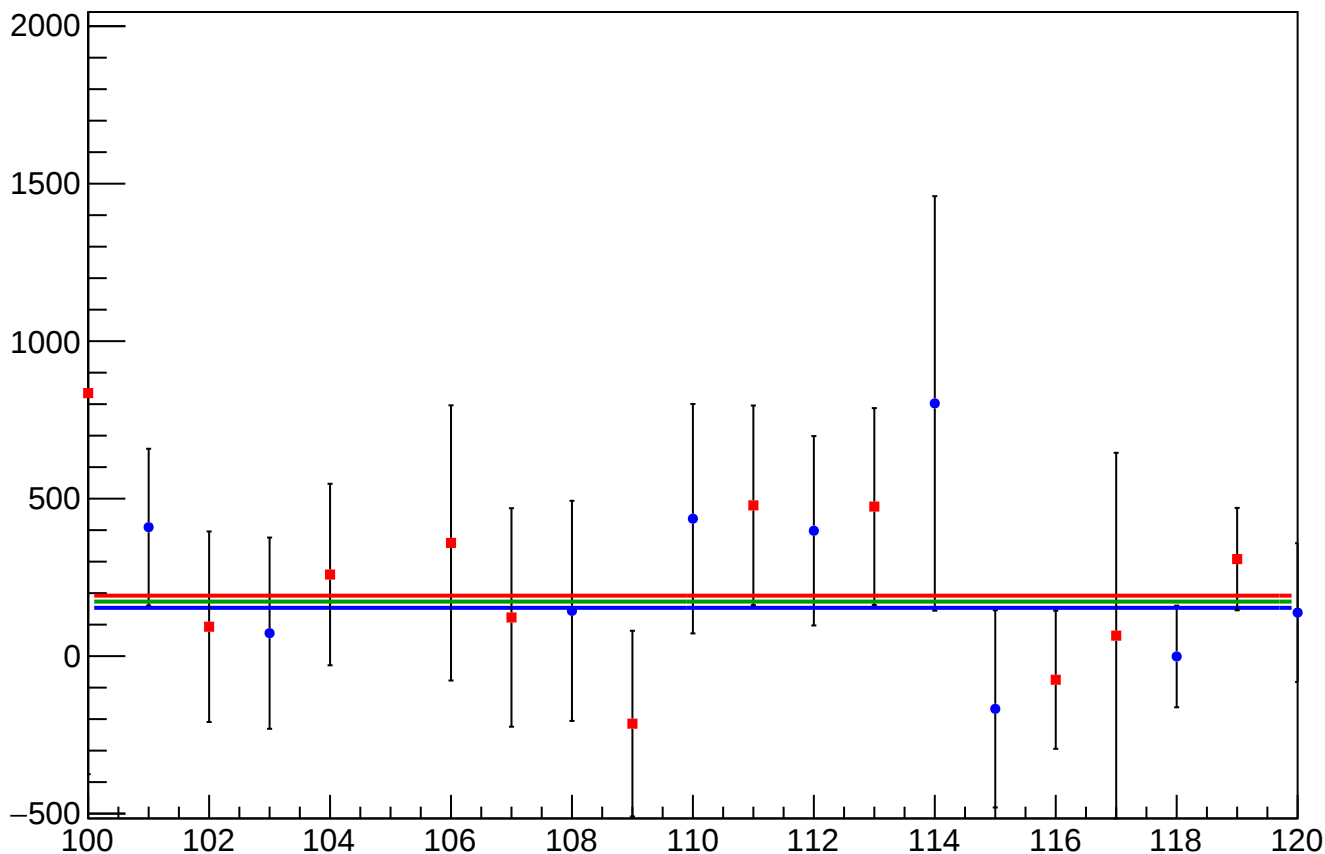
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

106.313+/-0.047 χ^2/NDF : 1470480.3/8

109.490+/-0.032 χ^2/NDF : 2947491.9/19

112.443+/-0.045 χ^2/NDF : 1468046.2/10

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 153.354 $\pm$ 89.331 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.063 $\pm$ 87.534 χ^2 /NDF: 6.2/10

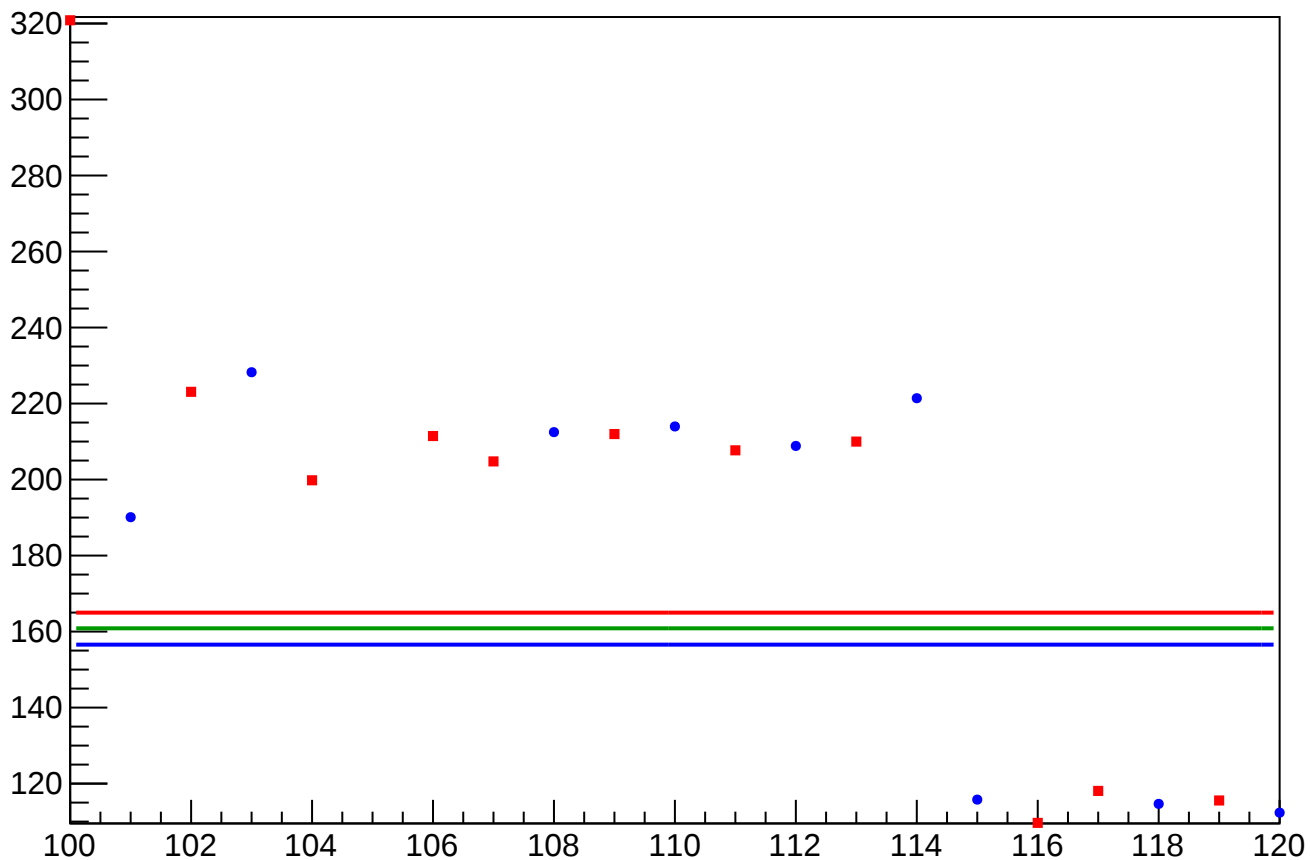
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

153.354 $\pm$ 89.331 χ^2 /NDF: 5.3/8

173.102 $\pm$ 62.521 χ^2 /NDF: 11.6/19

192.063 $\pm$ 87.534 χ^2 /NDF: 6.2/10

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 156.564+/-0.063 χ^2/NDF : 577955.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.985+/-0.062 χ^2/NDF : 638956.8/10

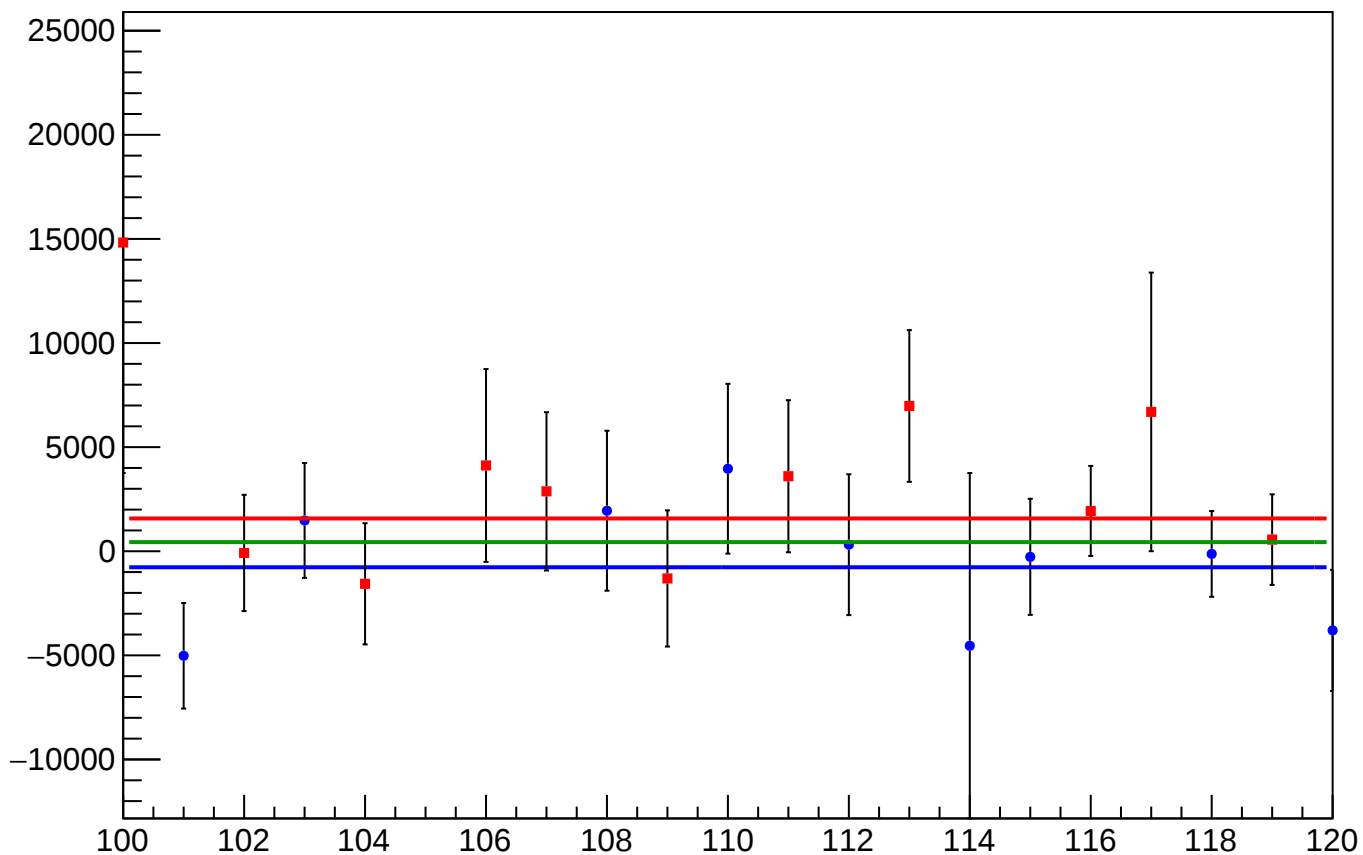
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

156.564+/-0.063 χ^2/NDF : 577955.5/8

160.860+/-0.044 χ^2/NDF : 1225978.4/19

164.985+/-0.062 χ^2/NDF : 638956.8/10

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -768.694+/-1000.356 χ^2/NDF : 6.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1574.900+/-970.661 χ^2/NDF : 7.5/10

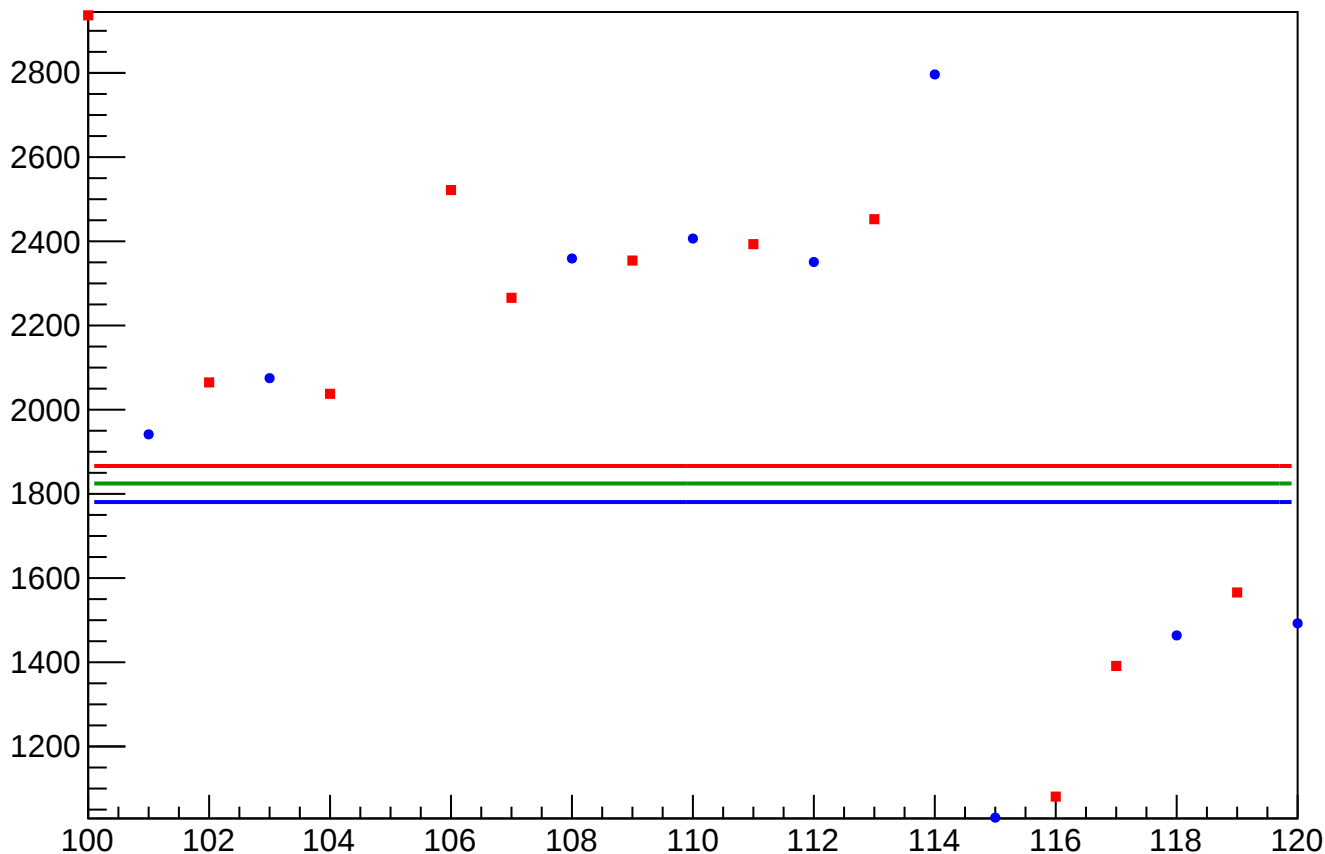
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-768.694+/-1000.356 χ^2/NDF : 6.8/8

438.403+/-696.623 χ^2/NDF : 17.2/19

1574.900+/-970.661 χ^2/NDF : 7.5/10

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1780.599+/-0.707 χ^2/NDF : 421747.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.253+/-0.686 χ^2/NDF : 547638.5/10

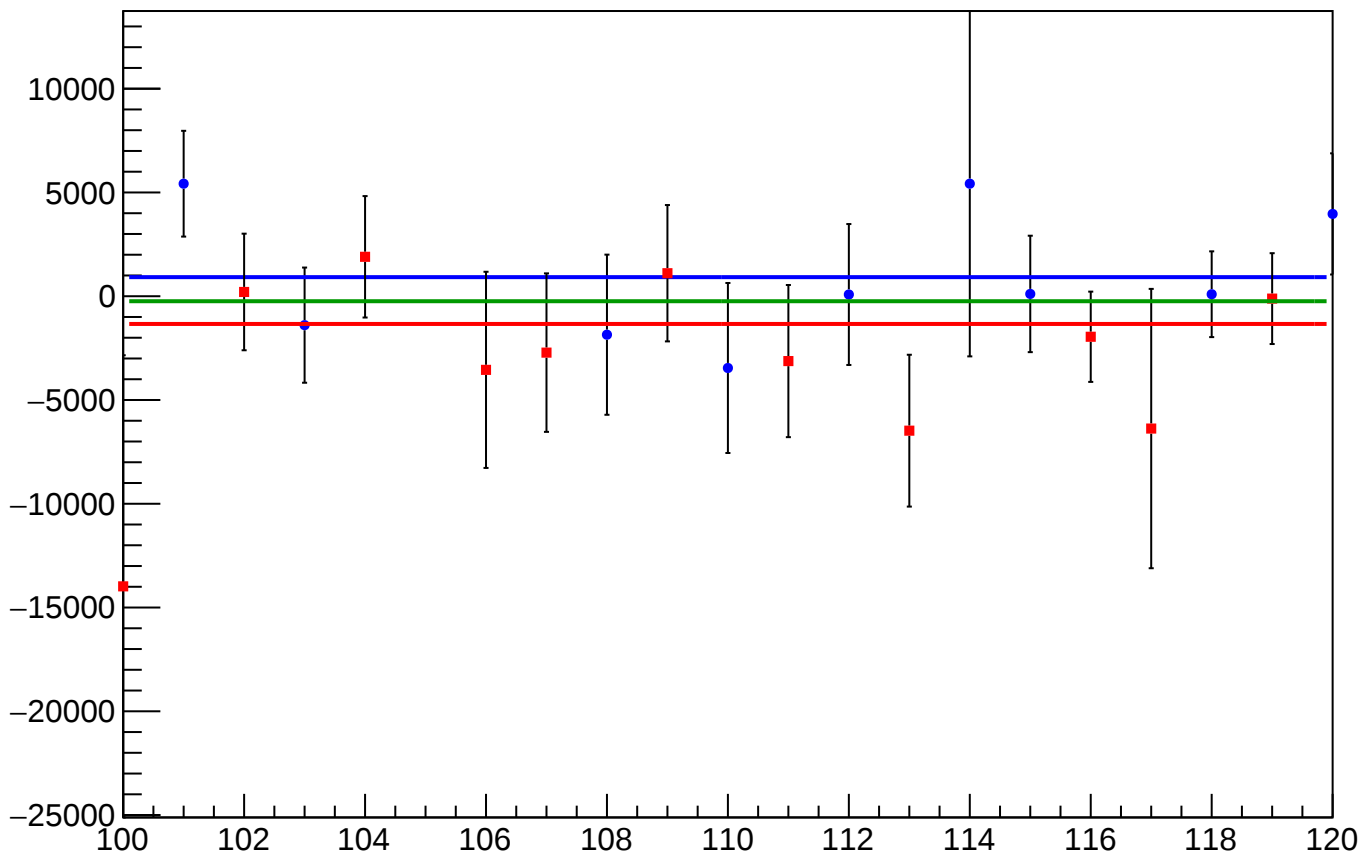
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1780.599+/-0.707 χ^2/NDF : 421747.3/8

1824.717+/-0.493 χ^2/NDF : 976938.0/19

1866.253+/-0.686 χ^2/NDF : 547638.5/10

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 919.744 $\pm$ 1004.820 χ^2 /NDF: 7.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1335.811 $\pm$ 976.329 χ^2 /NDF: 6.9/10

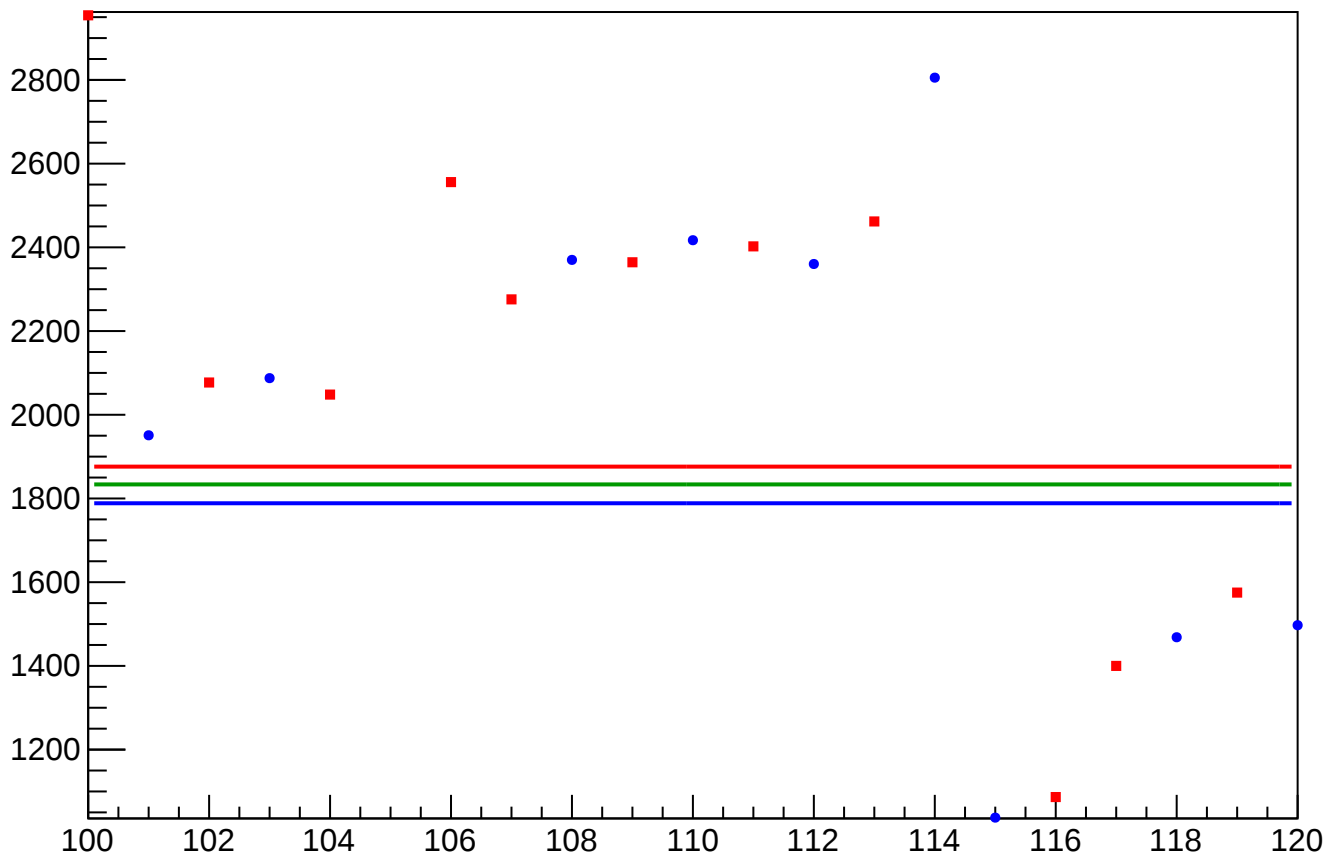
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

919.744 $\pm$ 1004.820 χ^2 /NDF: 7.2/8

-240.464 $\pm$ 700.225 χ^2 /NDF: 16.6/19

-1335.811 $\pm$ 976.329 χ^2 /NDF: 6.9/10

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1788.565+/-0.711 χ^2/NDF : 421719.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1876.115+/-0.690 χ^2/NDF : 547253.2/10

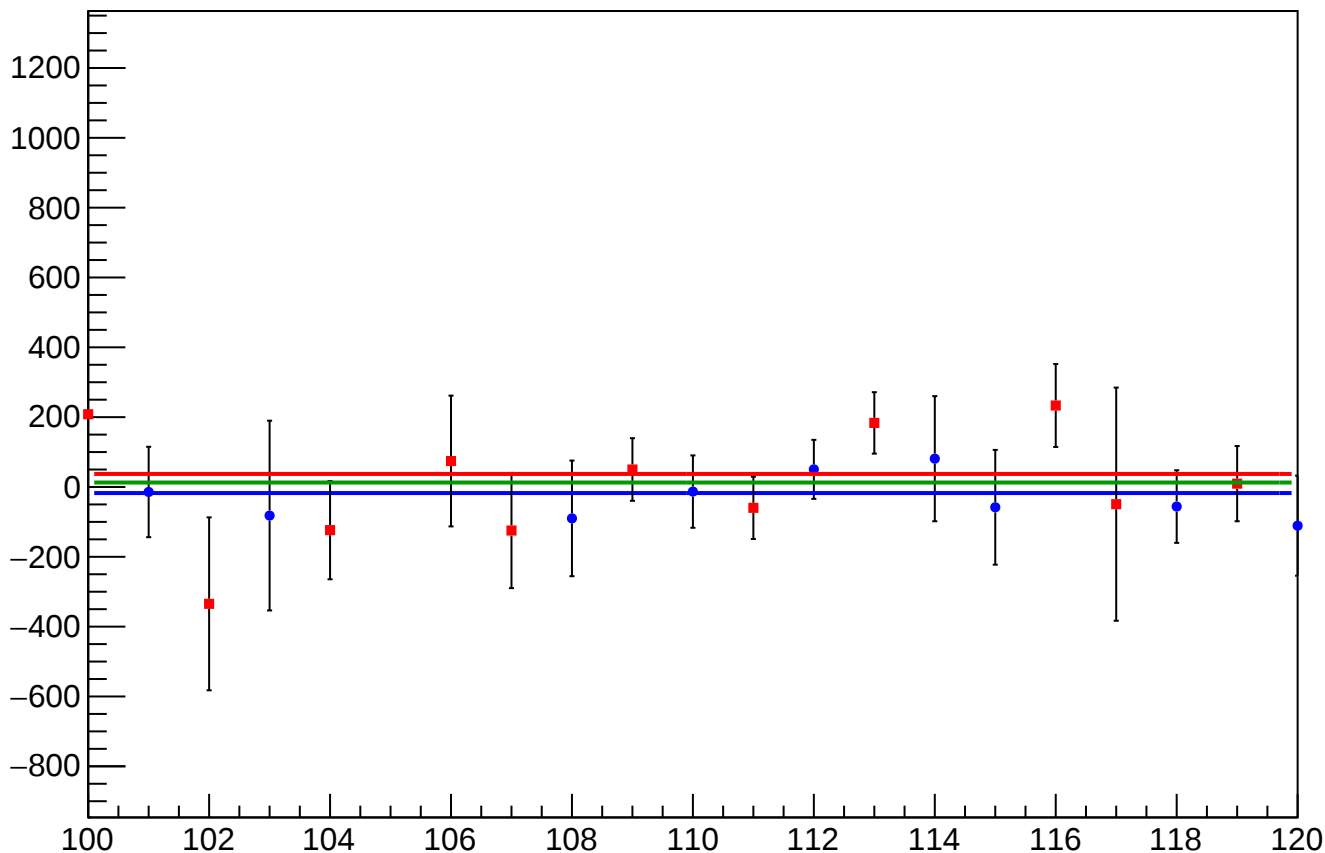
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1788.565+/-0.711 χ^2/NDF : 421719.1/8

1833.599+/-0.495 χ^2/NDF : 976782.2/19

1876.115+/-0.690 χ^2/NDF : 547253.2/10

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.393+/-42.553 χ^2 /NDF: 1.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 37.345+/-38.410 χ^2 /NDF: 11.4/10

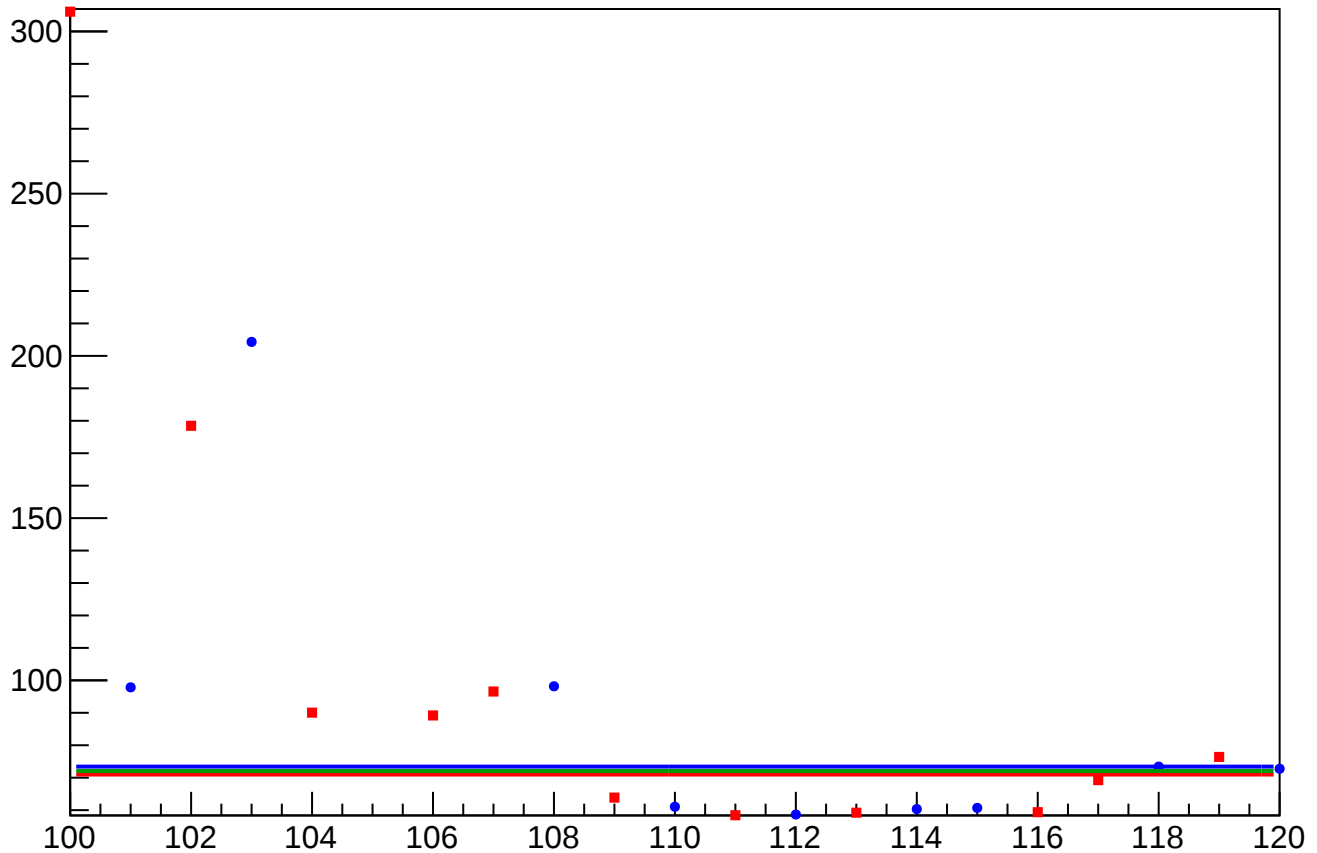
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-17.393+/-42.553 χ^2 /NDF: 1.8/8

12.770+/-28.513 χ^2 /NDF: 14.1/19

37.345+/-38.410 χ^2 /NDF: 11.4/10

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 73.414+/-0.030 χ^2/NDF : 692428.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.978+/-0.027 χ^2/NDF : 675442.2/10

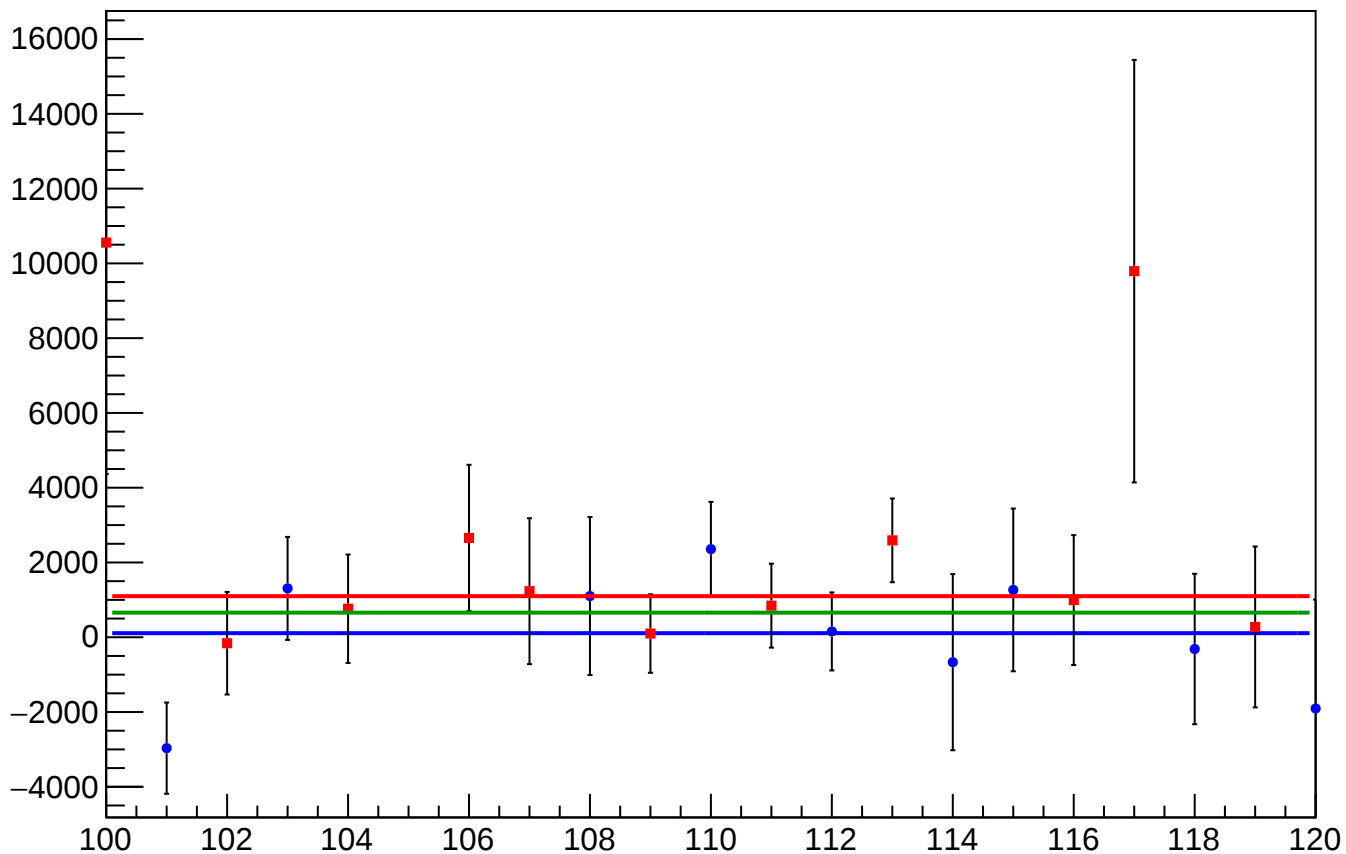
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

73.414+/-0.030 χ^2/NDF : 692428.6/8

72.072+/-0.020 χ^2/NDF : 1371484.8/19

70.978+/-0.027 χ^2/NDF : 675442.2/10

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 108.983+/-518.291 χ^2/NDF : 11.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.076+/-464.545 χ^2/NDF : 9.1/10

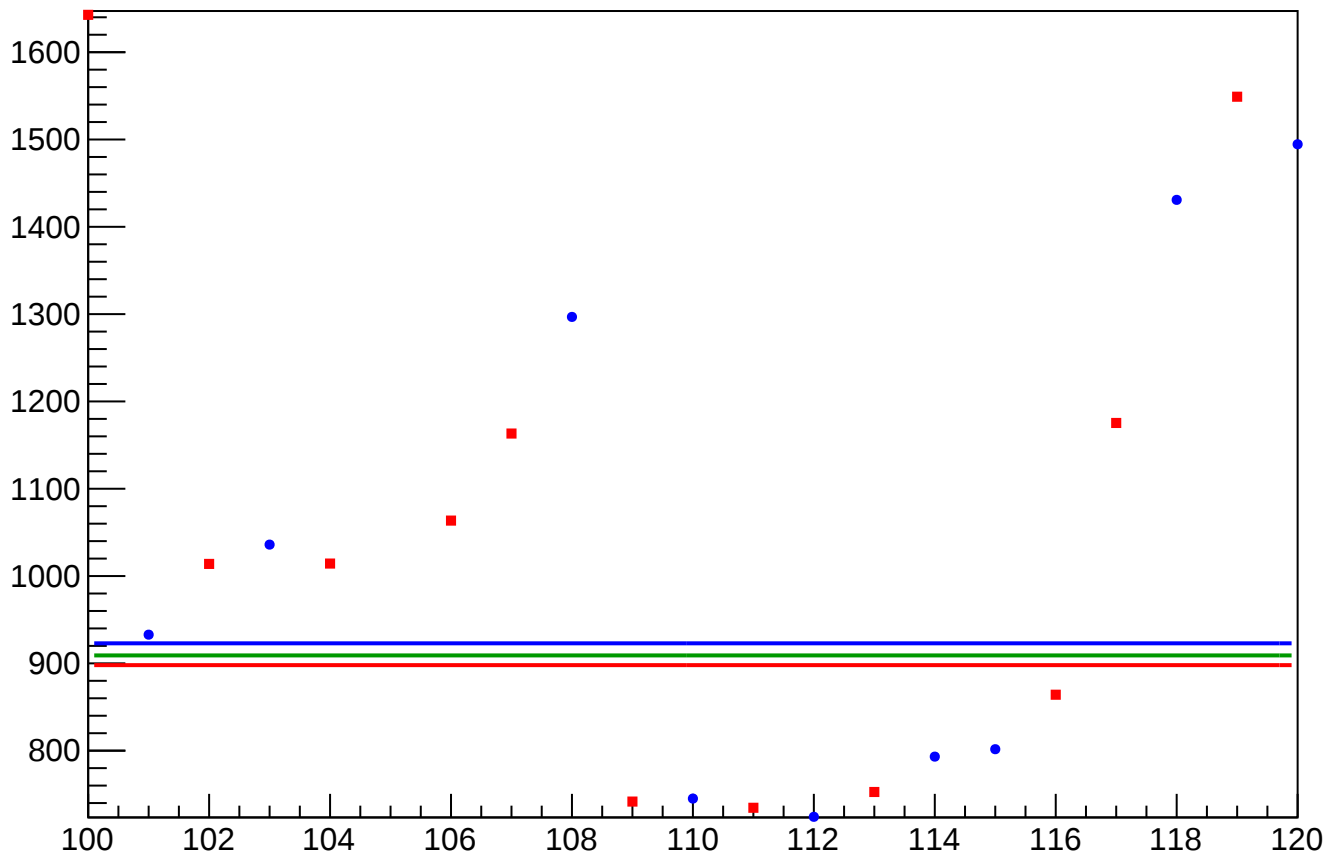
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

108.983+/-518.291 χ^2/NDF : 11.4/8

658.011+/-345.929 χ^2/NDF : 22.5/19

1099.076+/-464.545 χ^2/NDF : 9.1/10

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 922.950+/-0.366 χ^2/NDF : 404877.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.963+/-0.328 χ^2/NDF : 416437.6/10

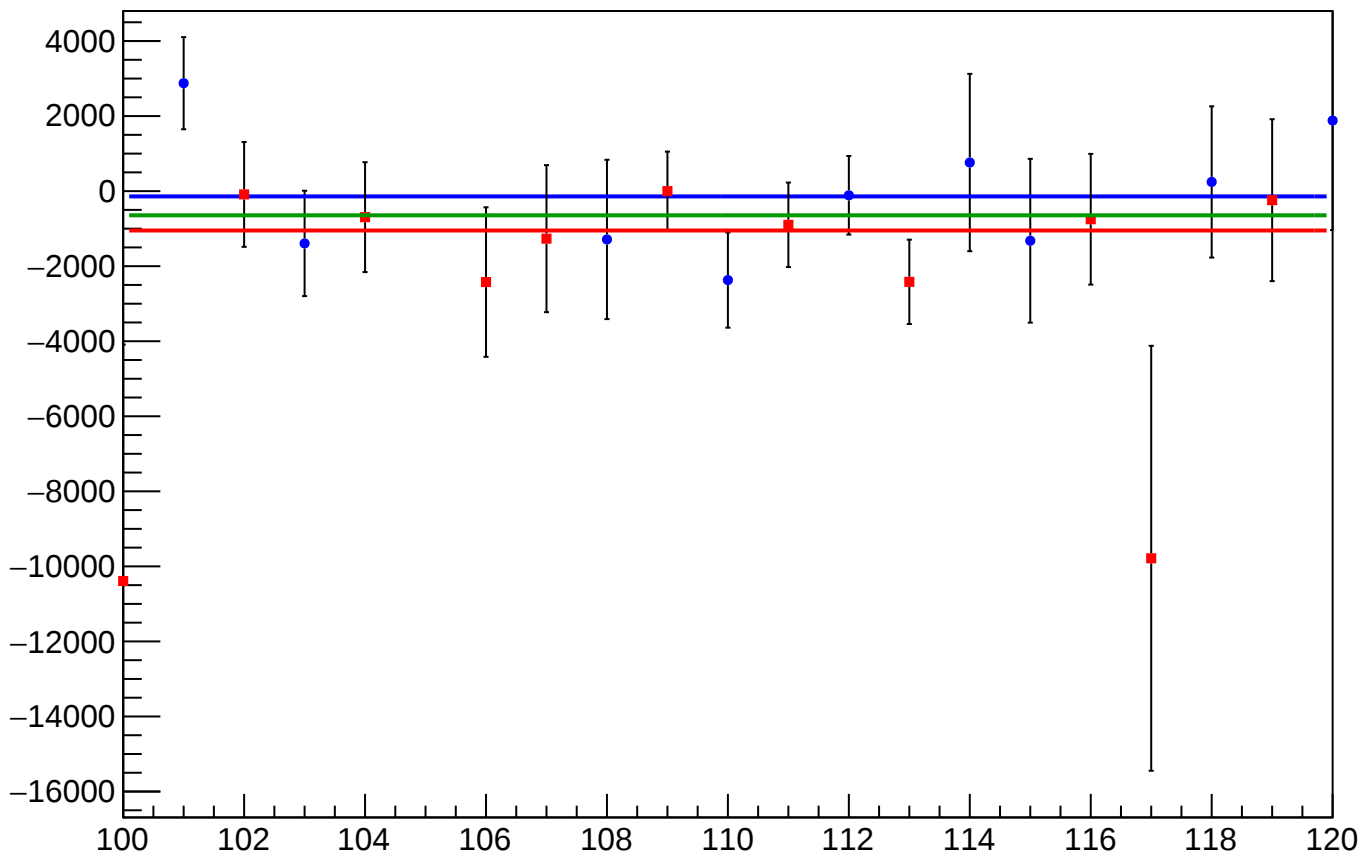
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

922.950+/-0.366 χ^2/NDF : 404877.0/8

909.094+/-0.245 χ^2/NDF : 823892.2/19

897.963+/-0.328 χ^2/NDF : 416437.6/10

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -140.864+/-521.383 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1048.850+/-467.583 χ^2/NDF : 8.3/10

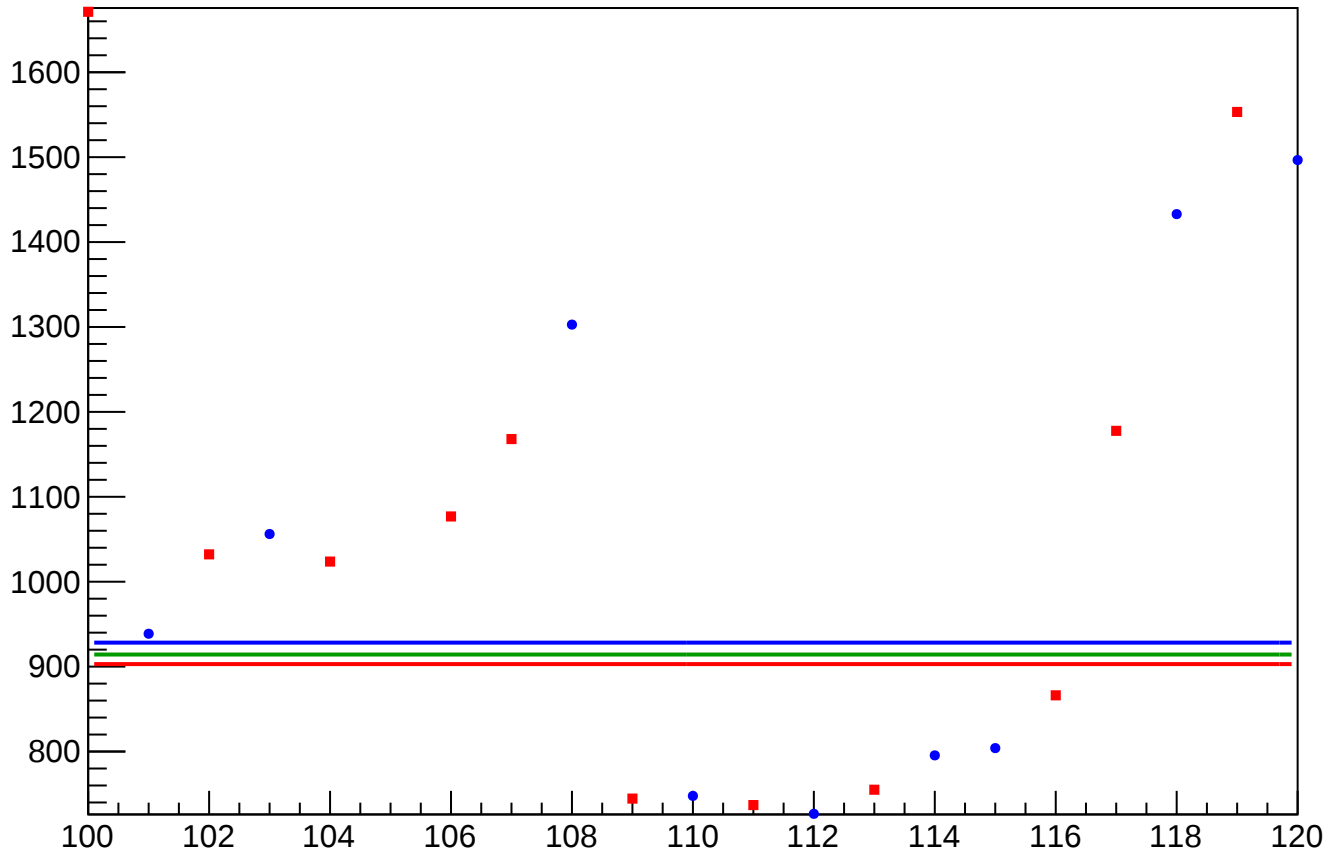
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-140.864+/-521.383 χ^2/NDF : 11.2/8

-644.106+/-348.103 χ^2/NDF : 21.1/19

-1048.850+/-467.583 χ^2/NDF : 8.3/10

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 928.253+/-0.369 χ^2/NDF : 407680.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.976+/-0.331 χ^2/NDF : 422934.5/10

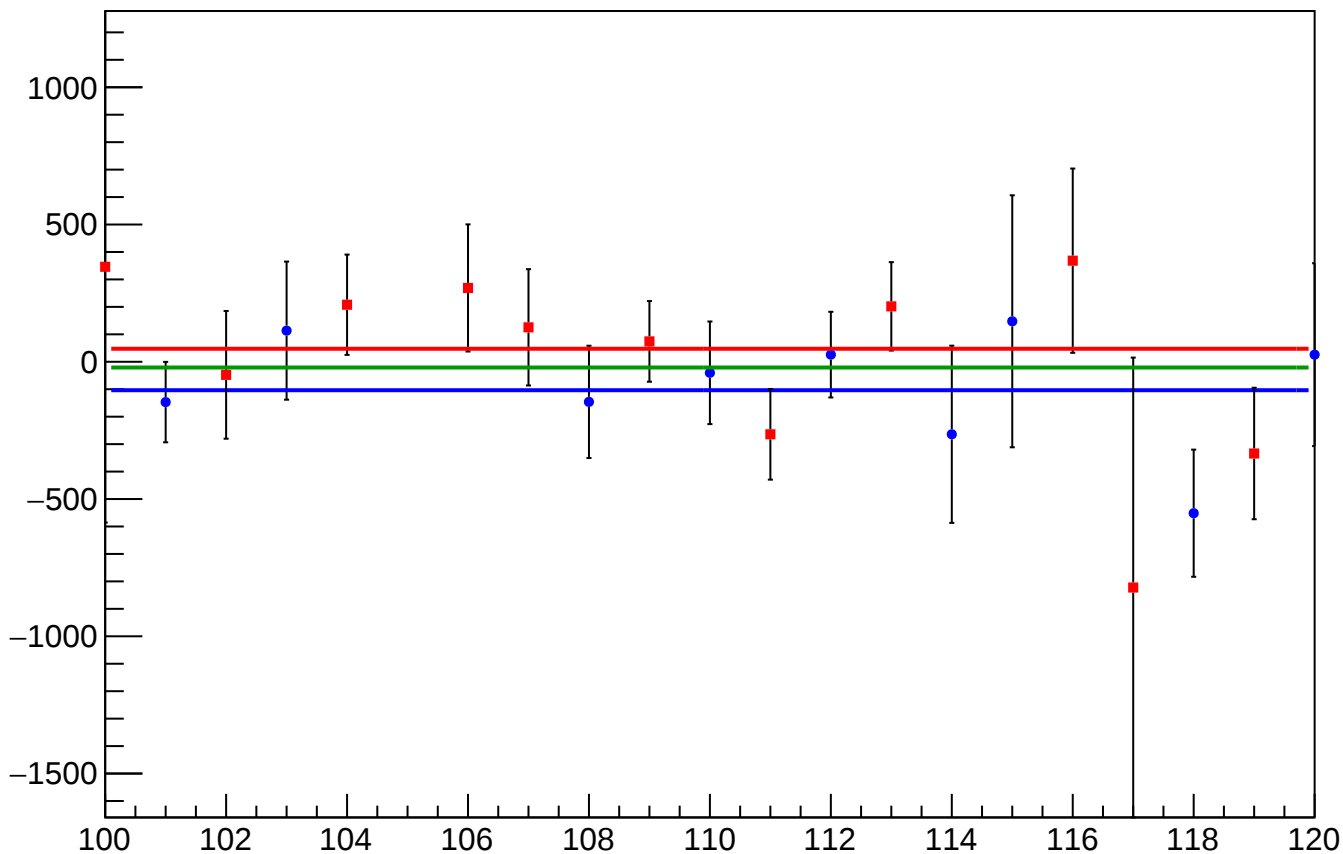
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

928.253+/-0.369 χ^2/NDF : 407680.9/8

914.243+/-0.246 χ^2/NDF : 833220.8/19

902.976+/-0.331 χ^2/NDF : 422934.5/10

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.599+/-71.062 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.457+/-64.584 χ^2/NDF : 11.1/10

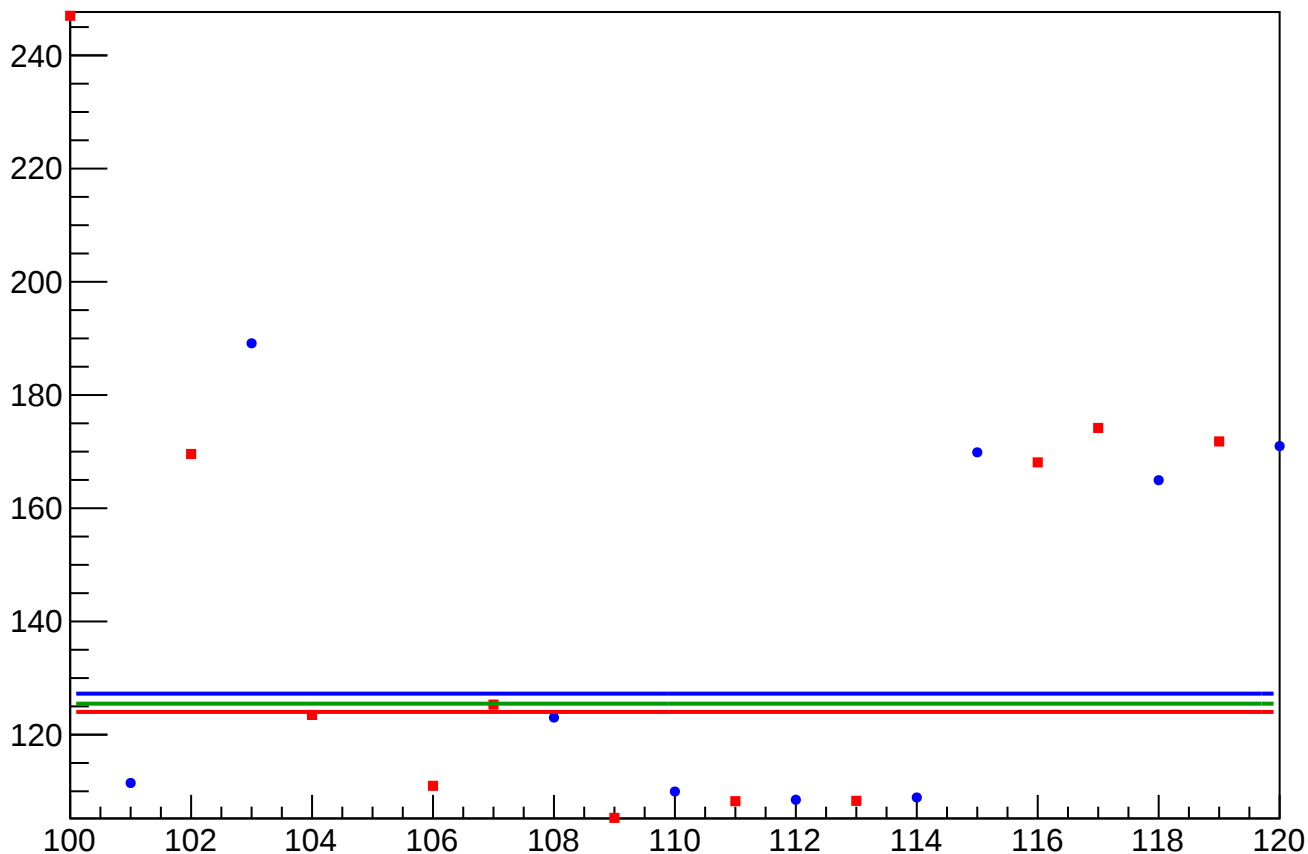
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-103.599+/-71.062 χ^2/NDF : 6.1/8

-20.873+/-47.794 χ^2/NDF : 19.7/19

47.457+/-64.584 χ^2/NDF : 11.1/10

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 127.250+/-0.050 χ^2/NDF : 302343.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.017+/-0.046 χ^2/NDF : 308966.9/10

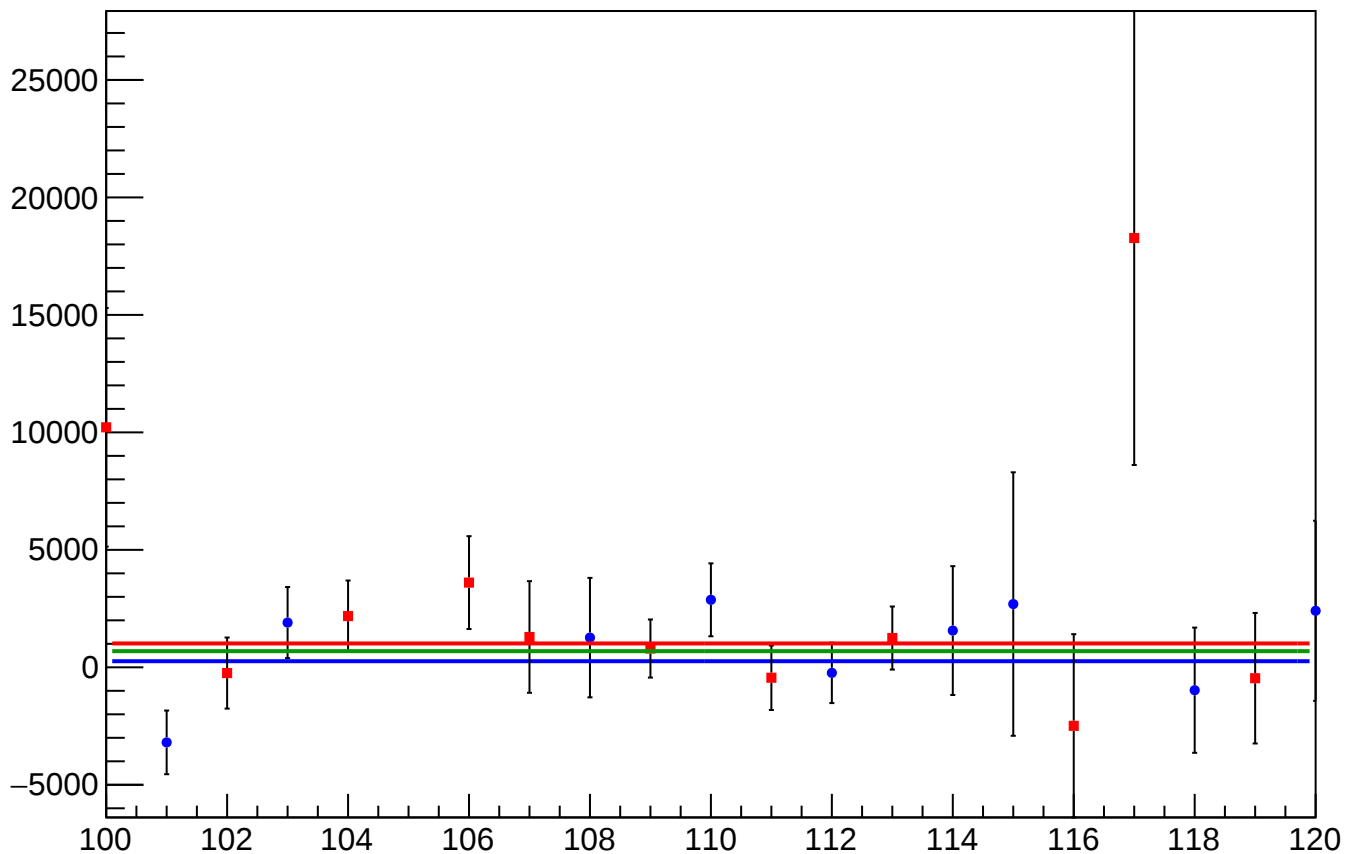
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

127.250+/-0.050 χ^2/NDF : 302343.1/8

125.479+/-0.034 χ^2/NDF : 613578.5/19

124.017+/-0.046 χ^2/NDF : 308966.9/10

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 260.502+/-628.674 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.272+/-551.079 χ^2/NDF : 11.8/10

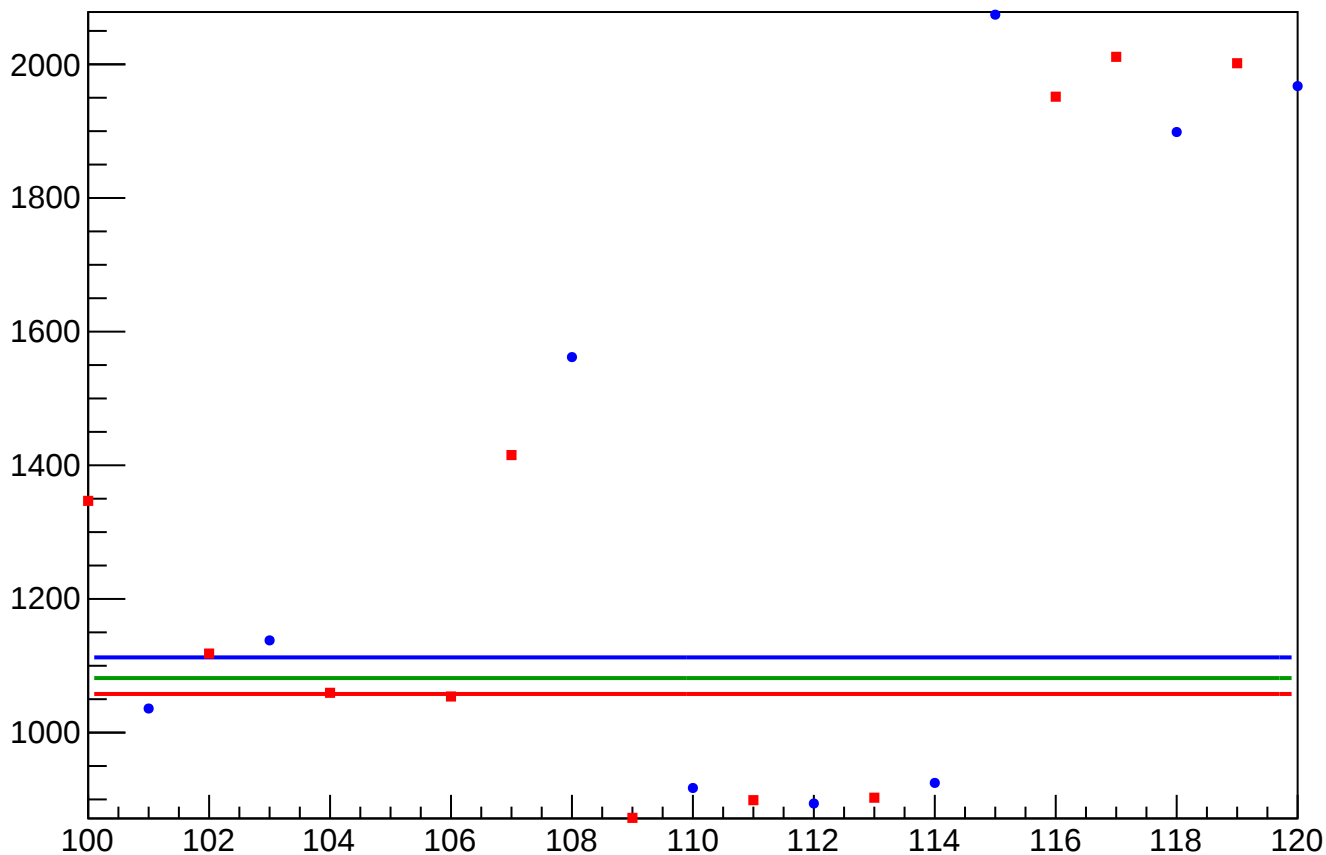
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

260.502+/-628.674 χ^2/NDF : 11.8/8

687.881+/-414.406 χ^2/NDF : 24.4/19

1016.272+/-551.079 χ^2/NDF : 11.8/10

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1112.541 $\pm$ 0.445 χ^2 /NDF: 500790.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1057.808 $\pm$ 0.390 χ^2 /NDF: 508936.0/10

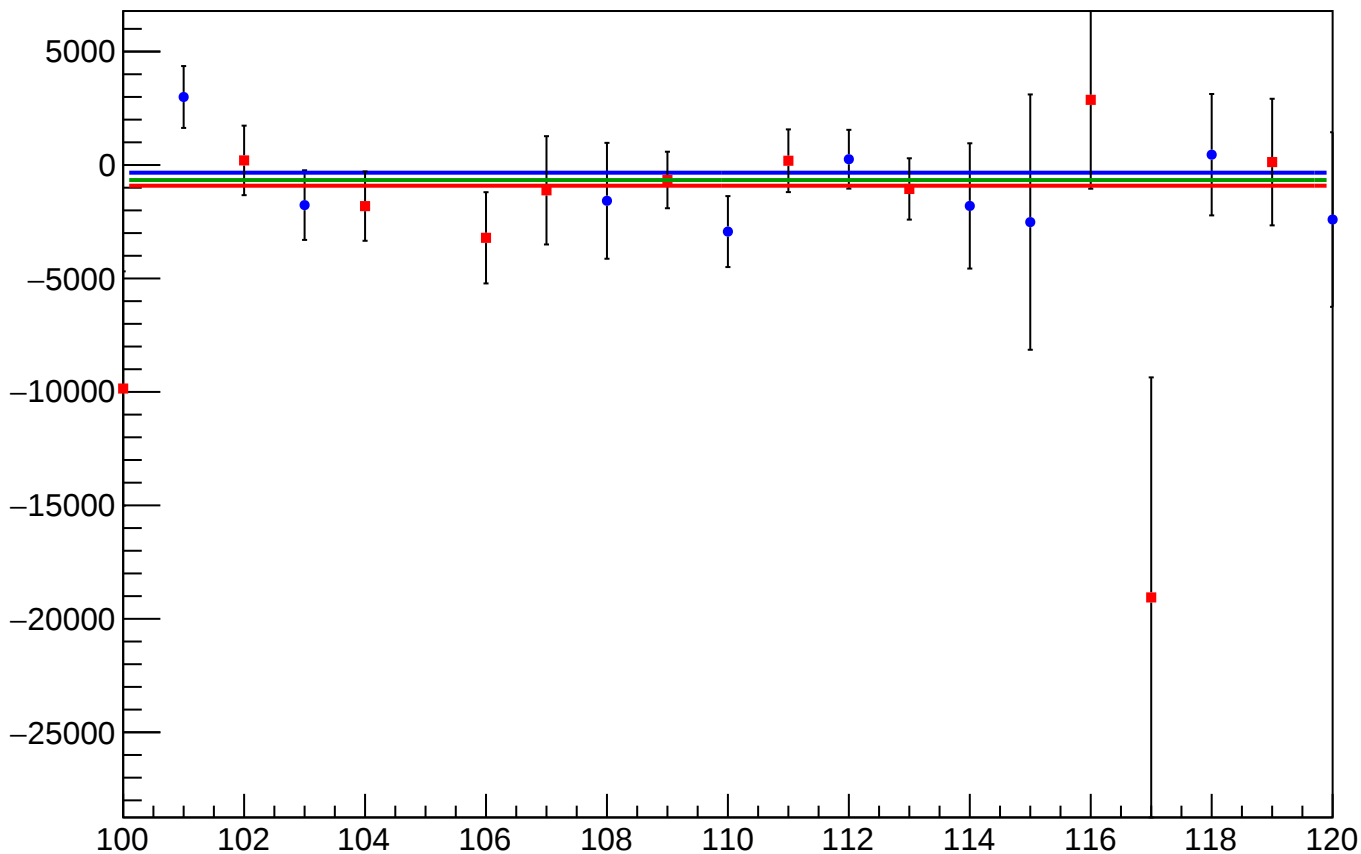
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1112.541 $\pm$ 0.445 χ^2 /NDF: 500790.7/8

1081.590 $\pm$ 0.293 χ^2 /NDF: 1018299.0/19

1057.808 $\pm$ 0.390 χ^2 /NDF: 508936.0/10

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -338.143+/-633.486 χ^2 /NDF: 10.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -912.362+/-555.966 χ^2 /NDF: 10.4/10

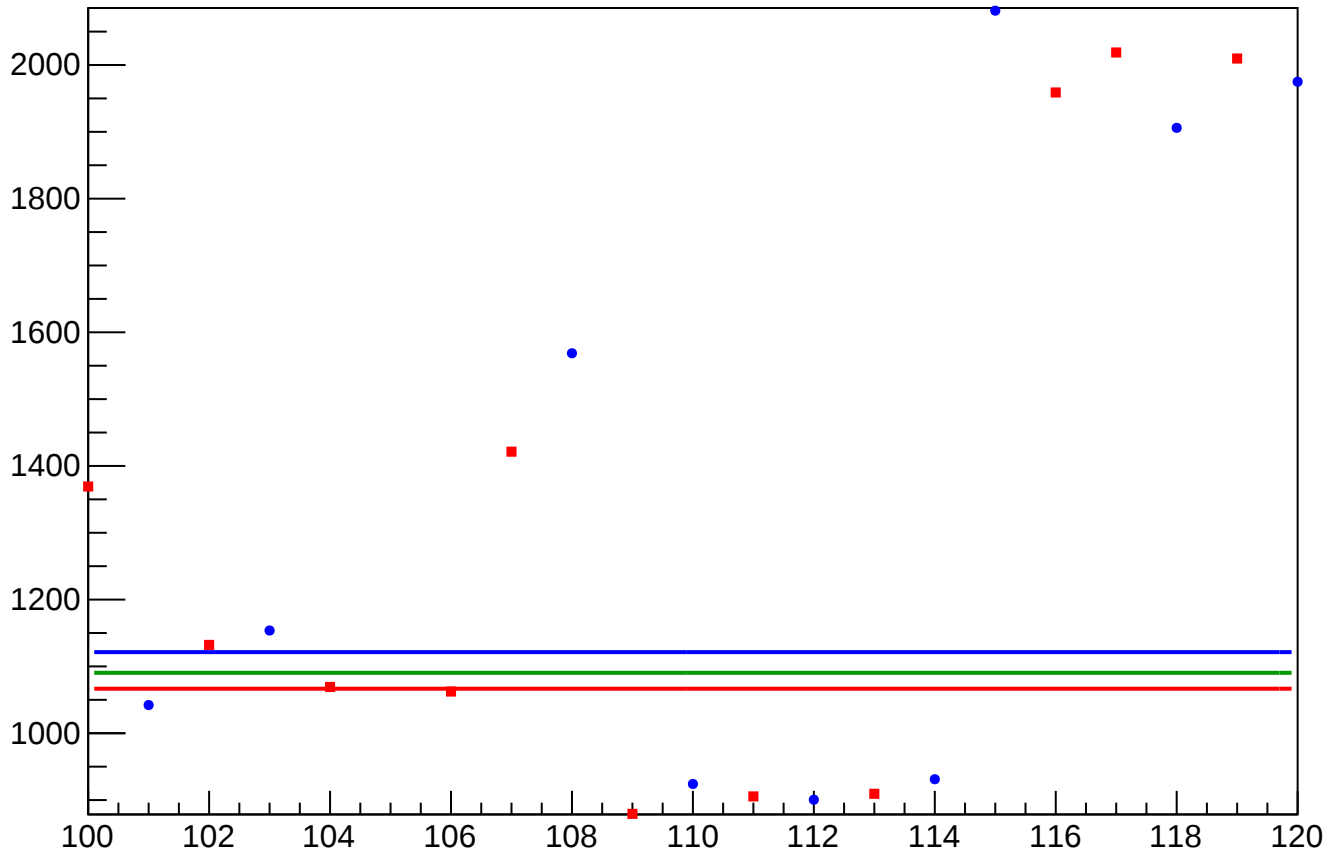
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-338.143+/-633.486 χ^2 /NDF: 10.9/8

-662.518+/-417.862 χ^2 /NDF: 21.8/19

-912.362+/-555.966 χ^2 /NDF: 10.4/10

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1121.382 $\pm$ 0.448 χ^2 /NDF: 497243.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1066.653 $\pm$ 0.393 χ^2 /NDF: 506068.3/10

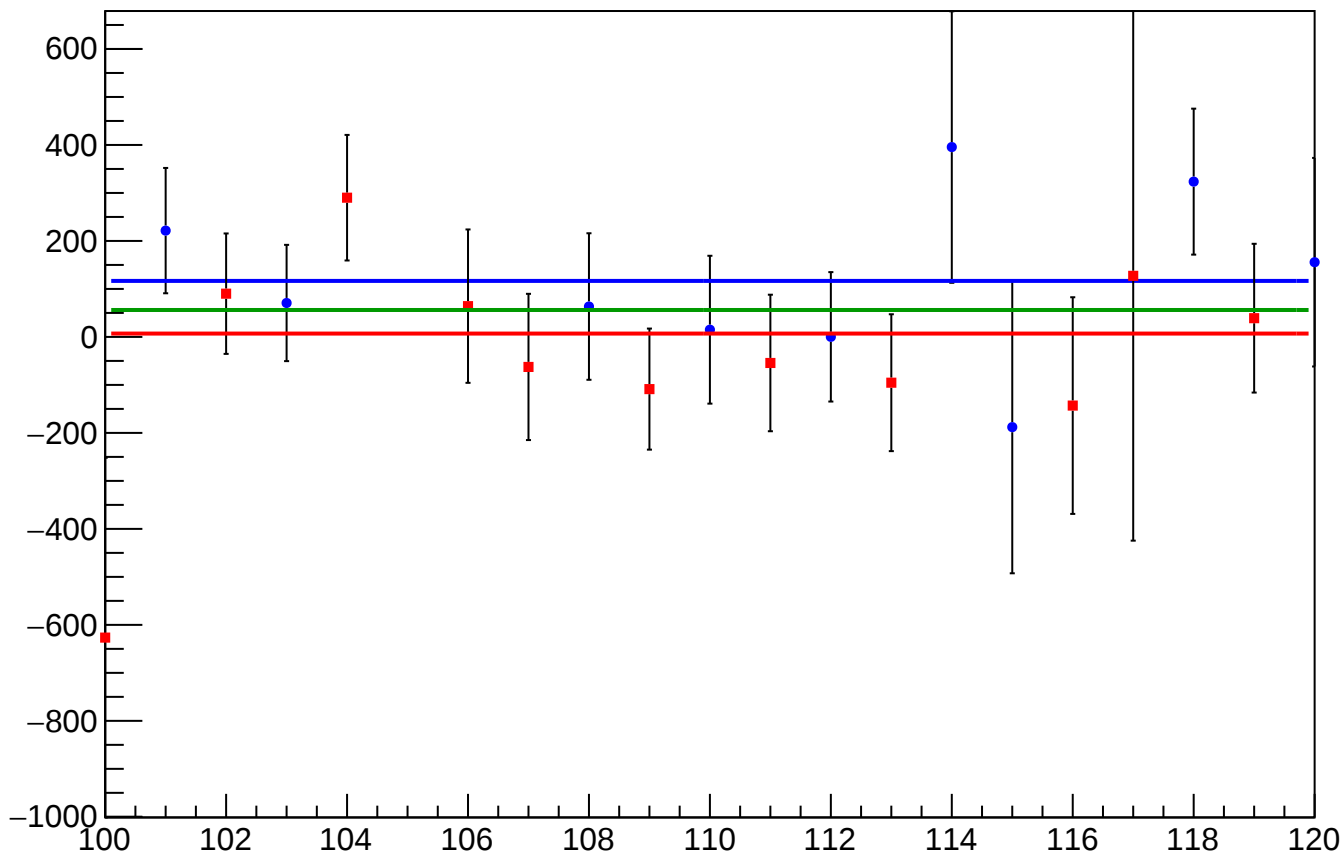
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1121.382 $\pm$ 0.448 χ^2 /NDF: 497243.0/8

1090.466 $\pm$ 0.295 χ^2 /NDF: 1011743.9/19

1066.653 $\pm$ 0.393 χ^2 /NDF: 506068.3/10

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 116.707 $\pm$ 53.109 χ^2 /NDF: 5.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.987 $\pm$ 47.820 χ^2 /NDF: 10.4/10

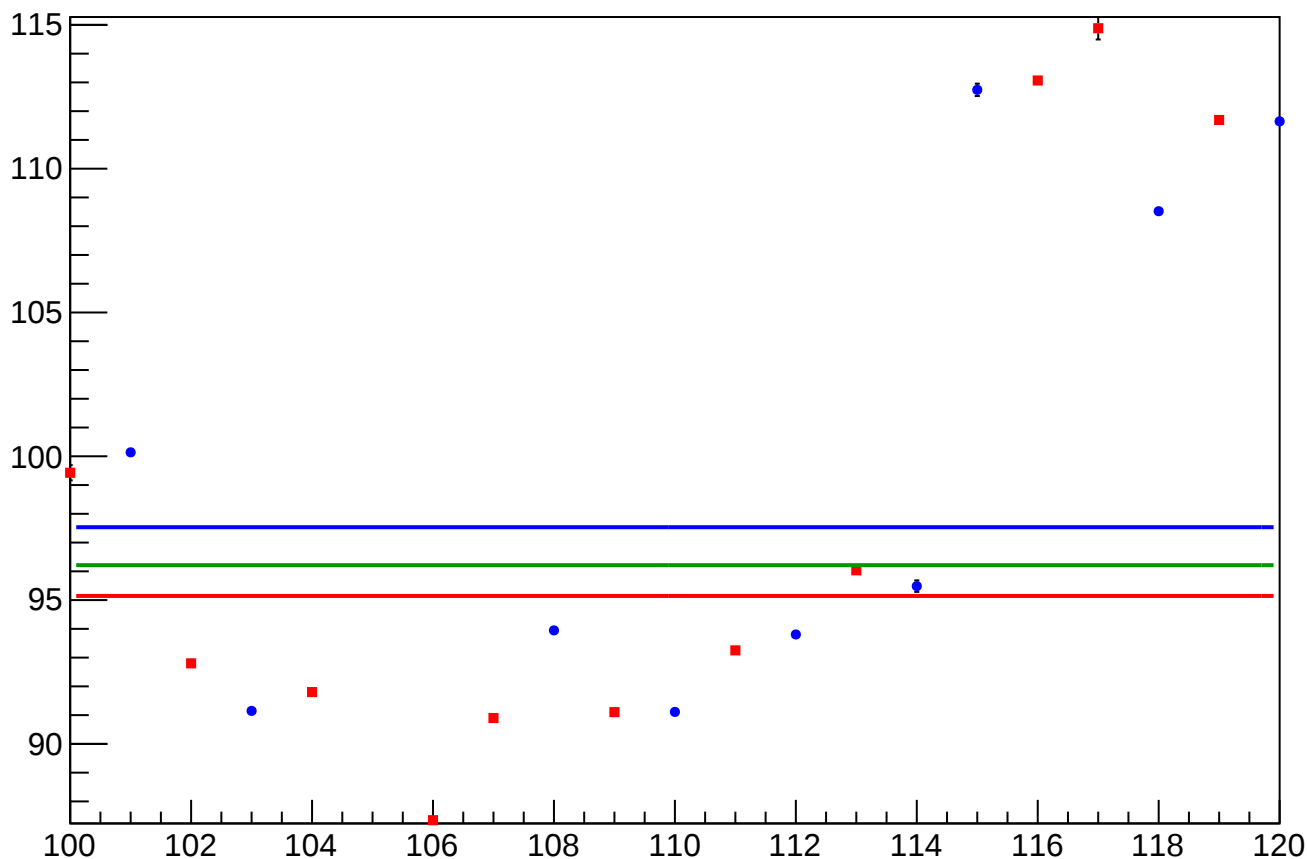
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.707 $\pm$ 53.109 χ^2 /NDF: 5.9/8

56.112 $\pm$ 35.537 χ^2 /NDF: 18.7/19

6.987 $\pm$ 47.820 χ^2 /NDF: 10.4/10

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.534+/-0.038 χ^2/NDF : 36428.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.144+/-0.034 χ^2/NDF : 49033.6/10

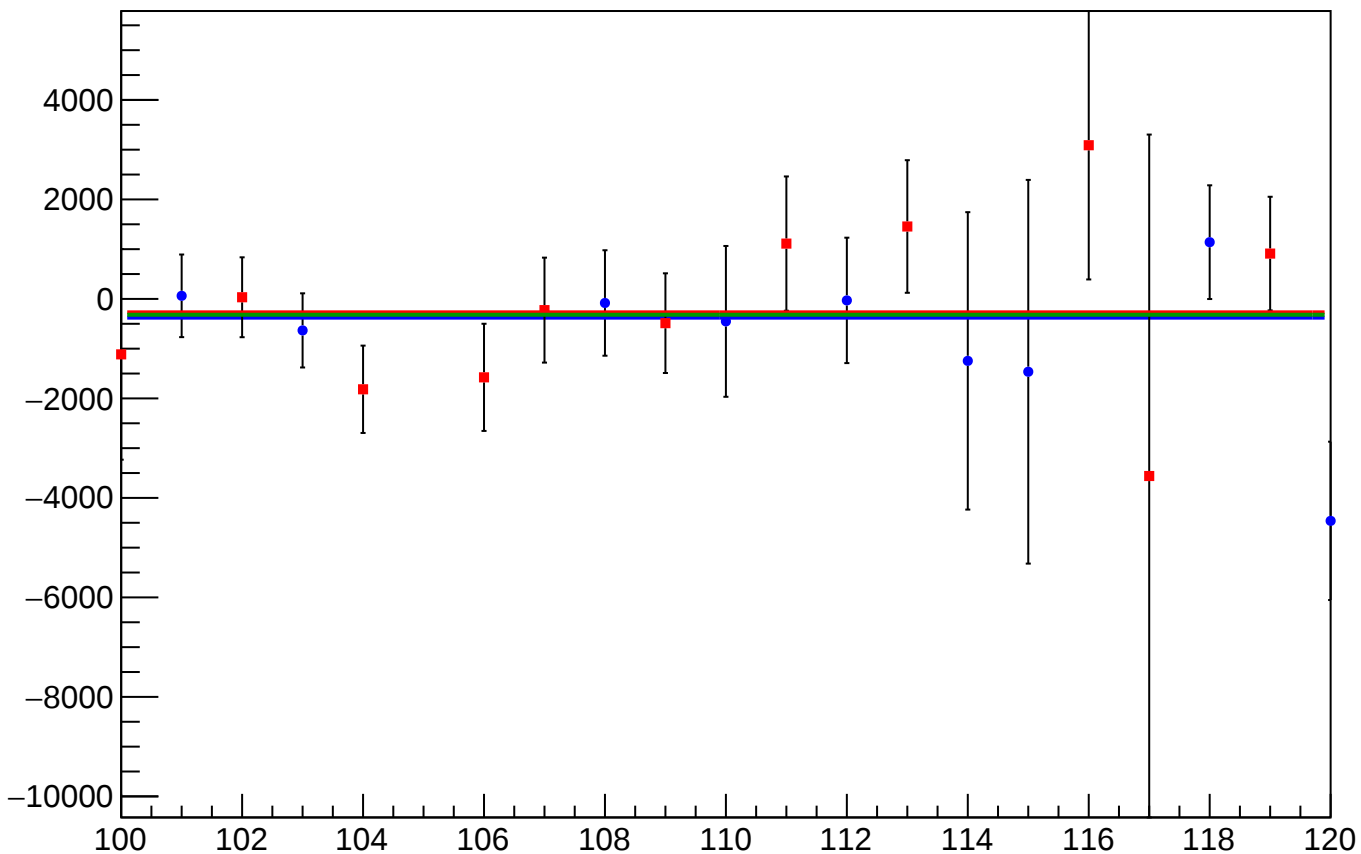
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

97.534+/-0.038 χ^2/NDF : 36428.8/8

96.214+/-0.025 χ^2/NDF : 87698.7/19

95.144+/-0.034 χ^2/NDF : 49033.6/10

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -376.465+/-390.905 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -269.933+/-356.571 χ^2/NDF : 10.5/10

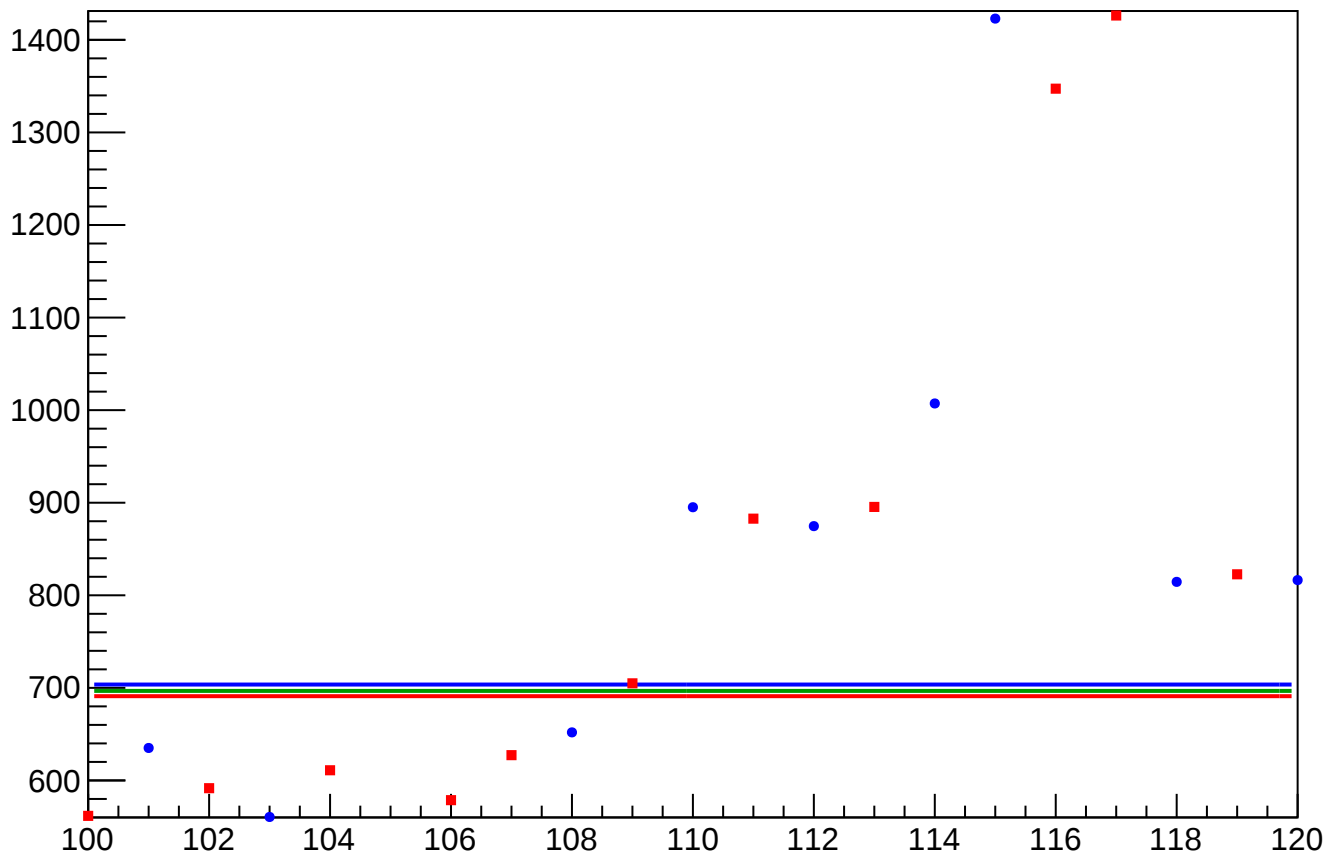
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-376.465+/-390.905 χ^2/NDF : 9.1/8

-318.316+/-263.437 χ^2/NDF : 19.6/19

-269.933+/-356.571 χ^2/NDF : 10.5/10

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 703.594+/-0.276 χ^2/NDF : 279936.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.023+/-0.252 χ^2/NDF : 339429.2/10

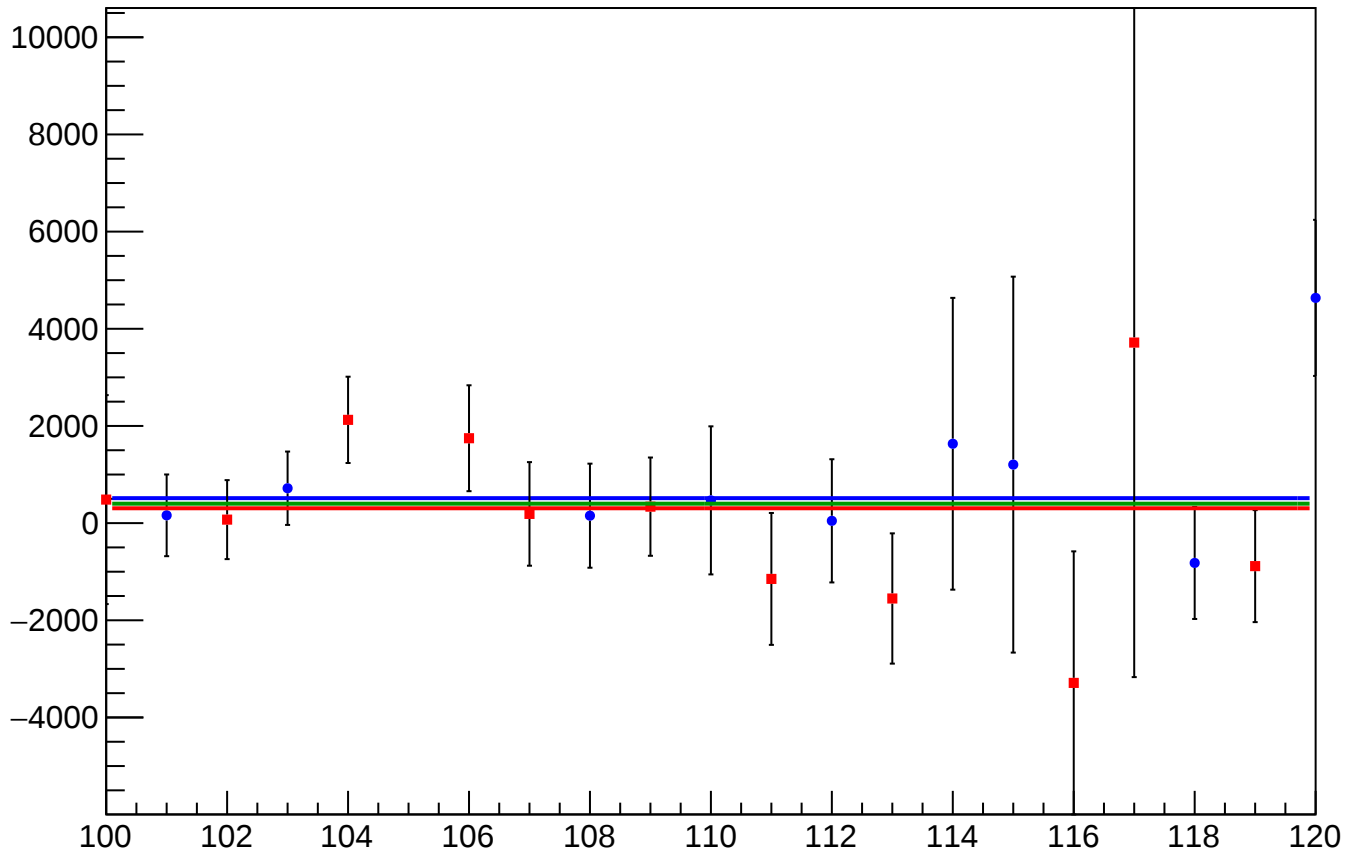
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

703.594+/-0.276 χ^2/NDF : 279936.9/8

696.732+/-0.186 χ^2/NDF : 620495.1/19

691.023+/-0.252 χ^2/NDF : 339429.2/10

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 513.622 $\pm$ 394.986 χ^2 /NDF: 8.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 305.512 $\pm$ 360.235 χ^2 /NDF: 12.2/10

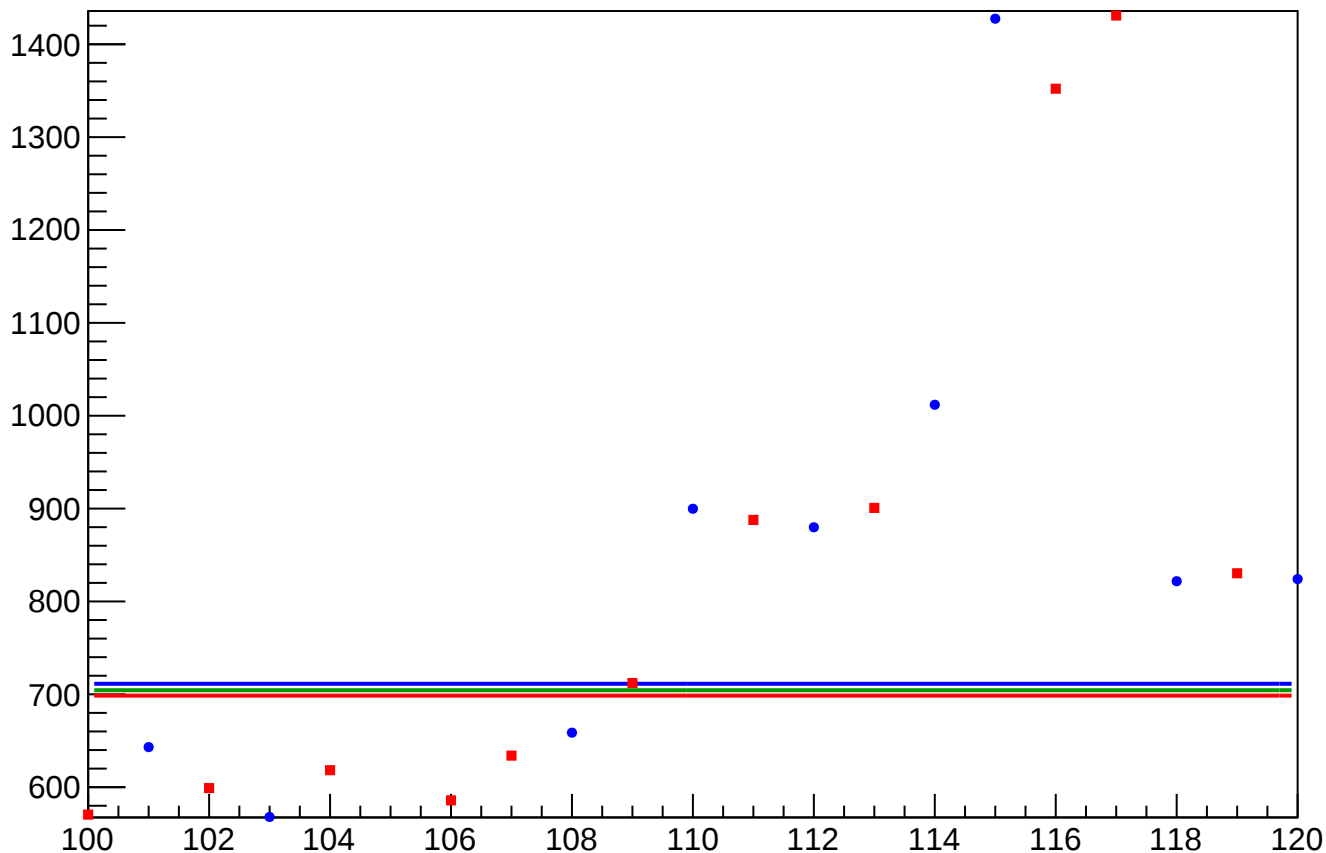
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

513.622 $\pm$ 394.986 χ^2 /NDF: 8.6/8

400.012 $\pm$ 266.164 χ^2 /NDF: 20.9/19

305.512 $\pm$ 360.235 χ^2 /NDF: 12.2/10

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 711.370+/-0.279 χ^2/NDF : 272824.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.616+/-0.255 χ^2/NDF : 332181.0/10

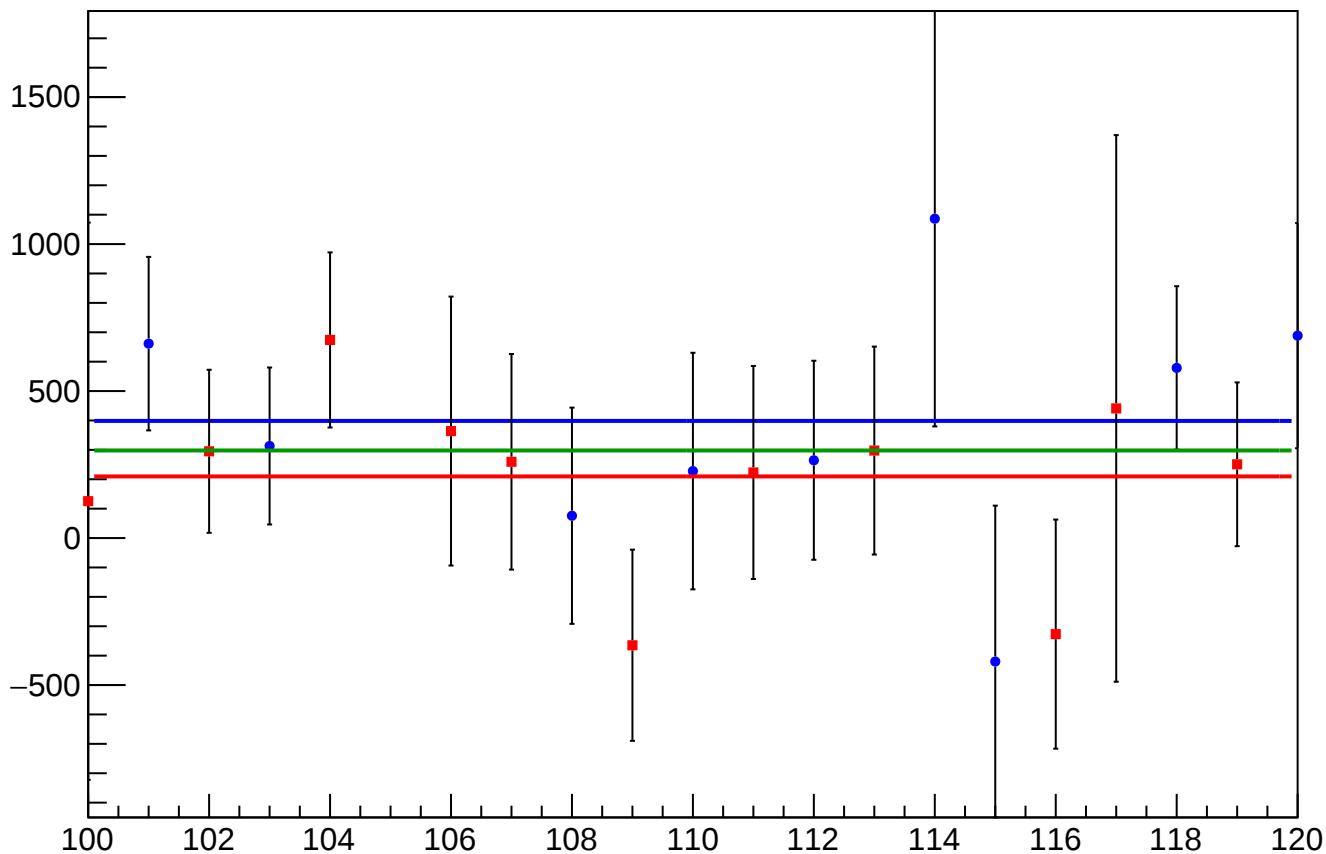
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

711.370+/-0.279 χ^2/NDF : 272824.1/8

704.407+/-0.188 χ^2/NDF : 606143.6/19

698.616+/-0.255 χ^2/NDF : 332181.0/10

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 398.456+/-116.928 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.649+/-109.564 χ^2/NDF : 7.8/10

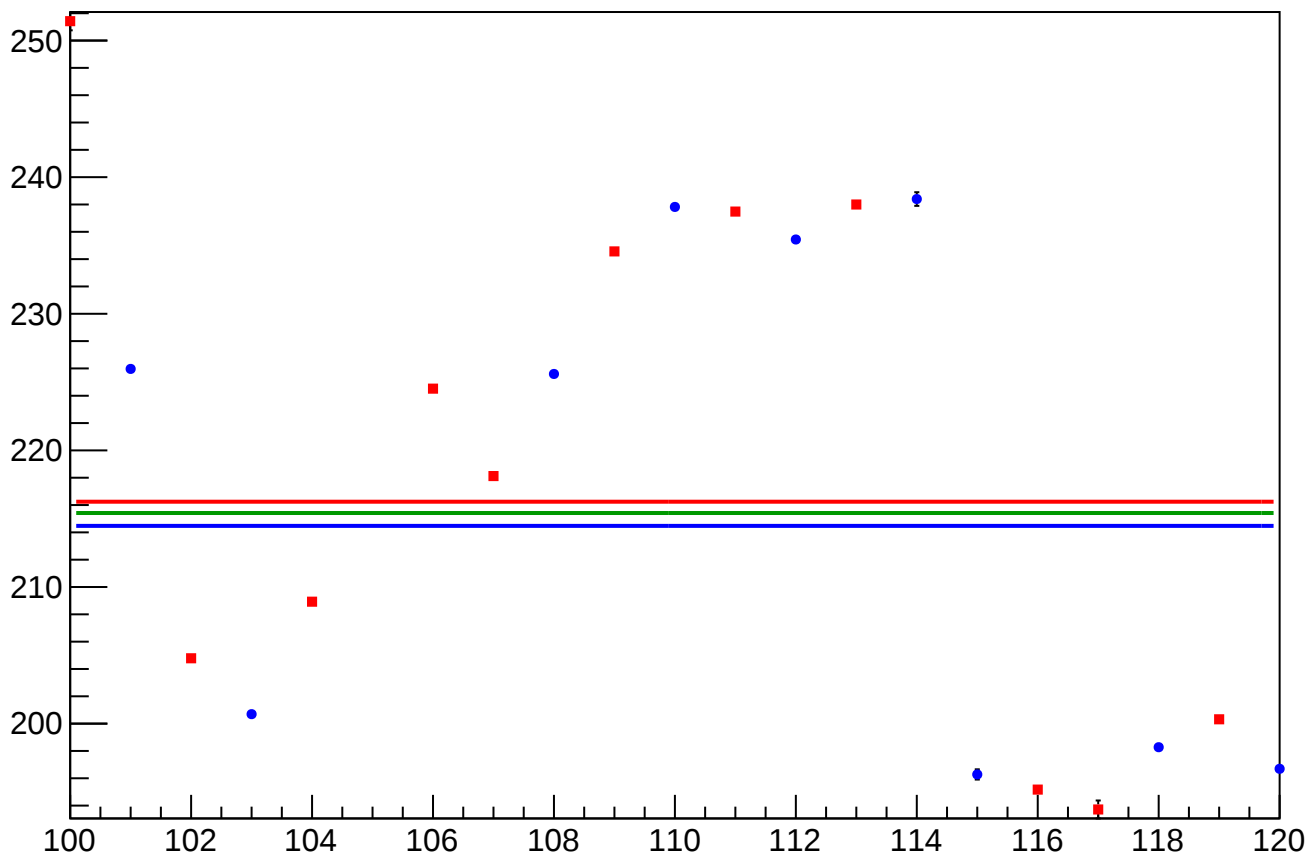
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

398.456+/-116.928 χ^2/NDF : 6.3/8

297.921+/-79.950 χ^2/NDF : 15.5/19

209.649+/-109.564 χ^2/NDF : 7.8/10

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 214.475+/-0.083 χ^2/NDF : 40351.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.244+/-0.077 χ^2/NDF : 42437.5/10

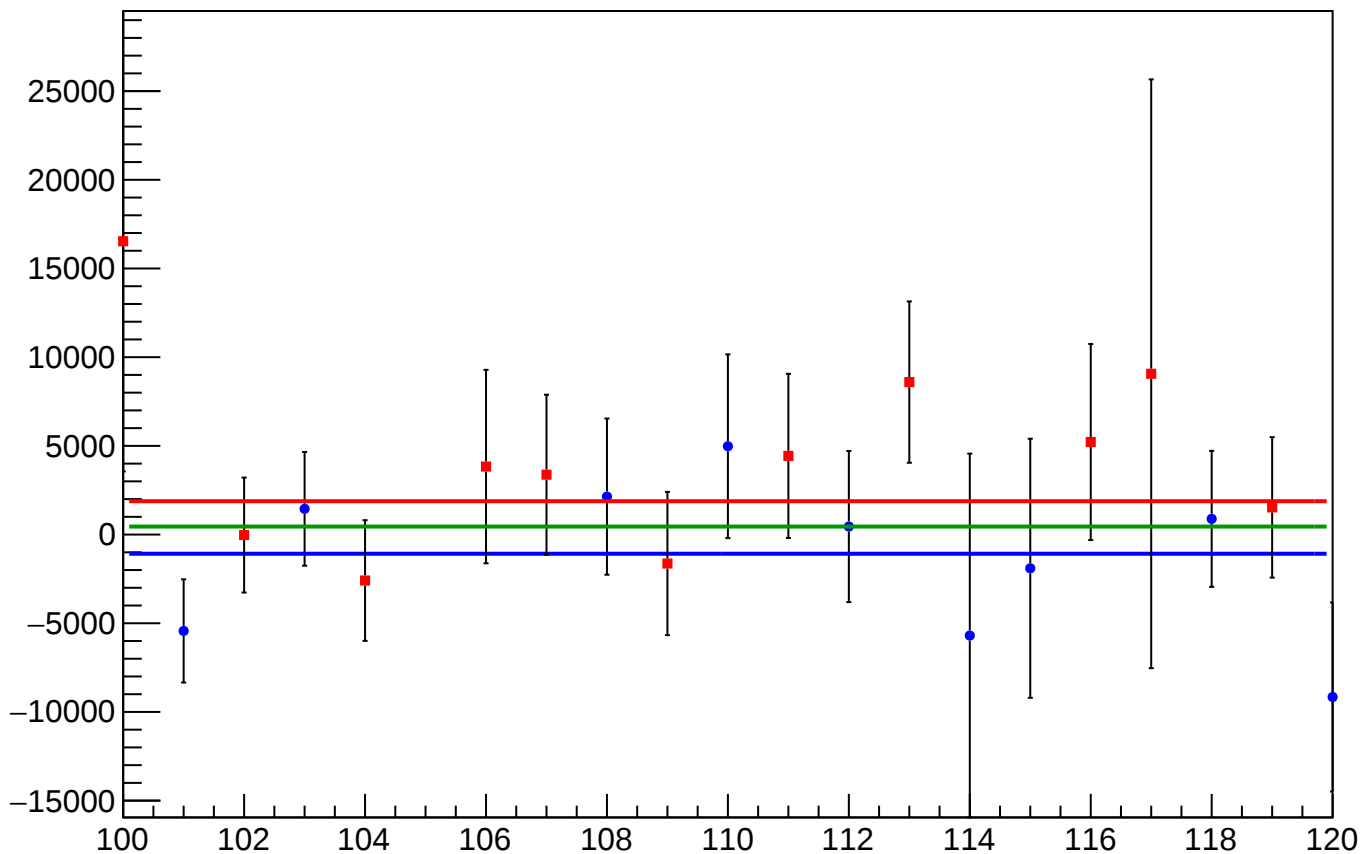
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

214.475+/-0.083 χ^2/NDF : 40351.9/8

215.417+/-0.057 χ^2/NDF : 83033.2/19

216.244+/-0.077 χ^2/NDF : 42437.5/10

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1081.497+/-1427.220 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.395+/-1377.702 χ^2/NDF : 7.4/10

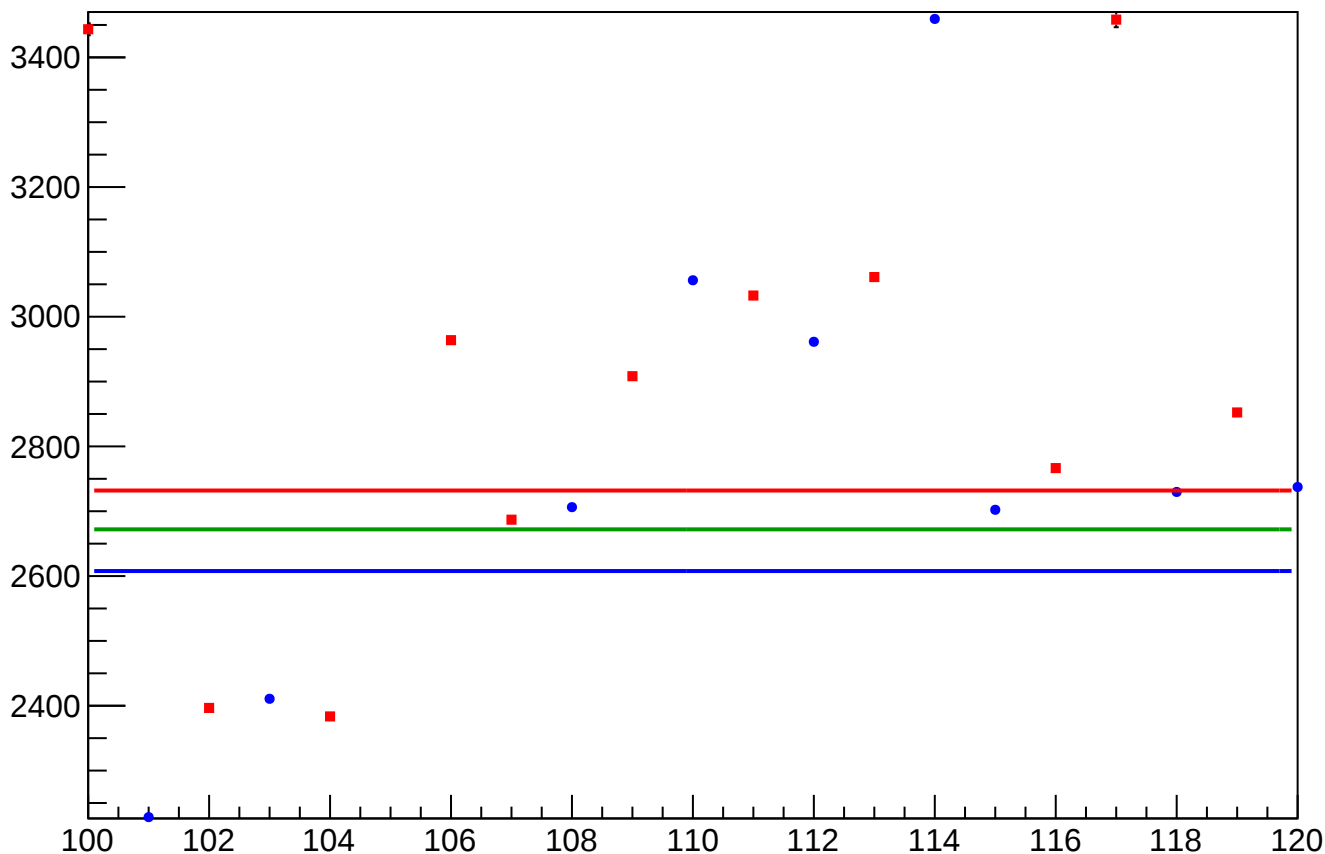
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1081.497+/-1427.220 χ^2/NDF : 7.7/8

451.722+/-991.226 χ^2/NDF : 17.3/19

1880.395+/-1377.702 χ^2/NDF : 7.4/10

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2607.772+/-1.009 χ^2/NDF : 88707.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2731.968+/-0.974 χ^2/NDF : 80707.5/10

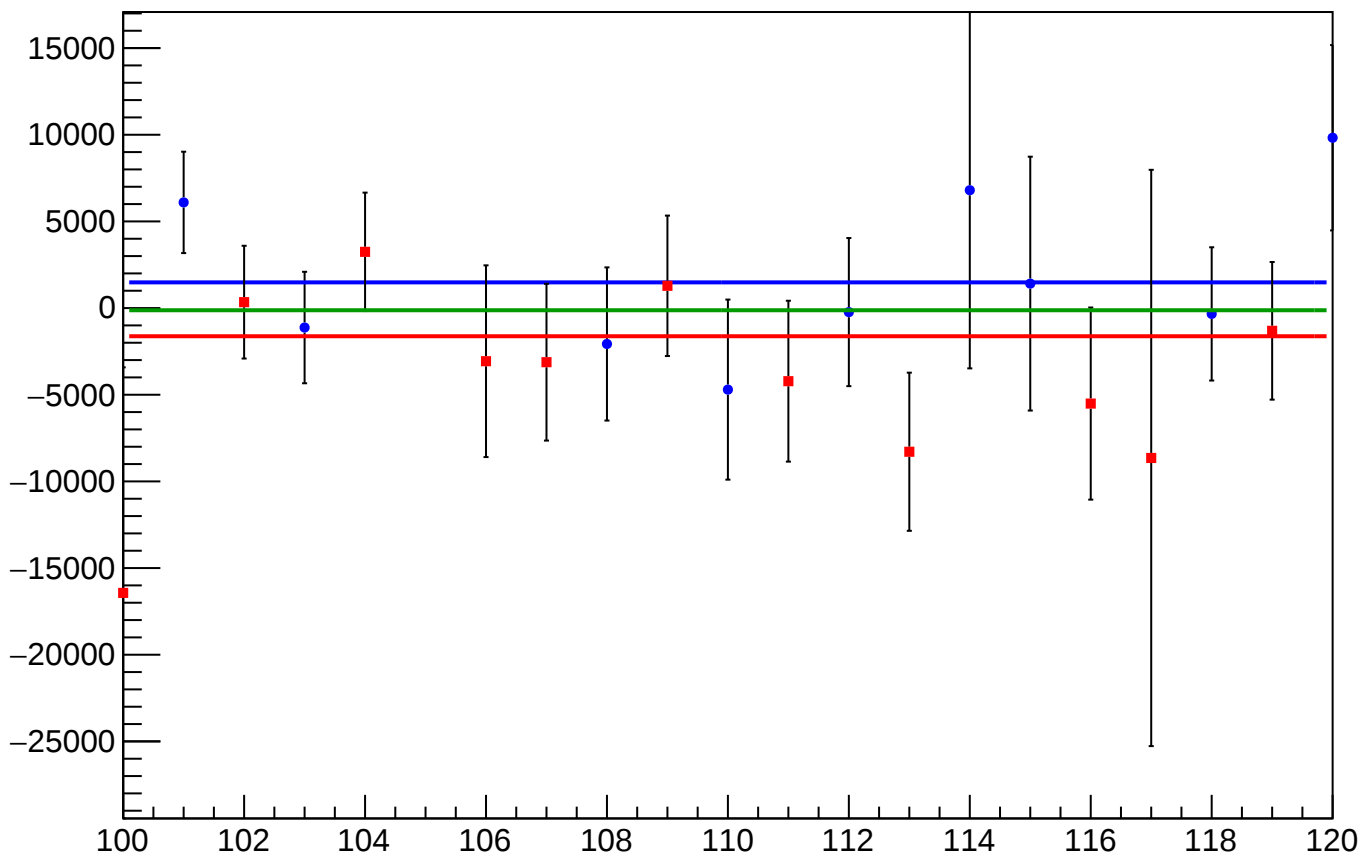
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2607.772+/-1.009 χ^2/NDF : 88707.5/8

2672.062+/-0.701 χ^2/NDF : 177254.7/19

2731.968+/-0.974 χ^2/NDF : 80707.5/10

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1482.854+/-1432.373 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1624.642+/-1383.177 χ^2/NDF : 7.5/10

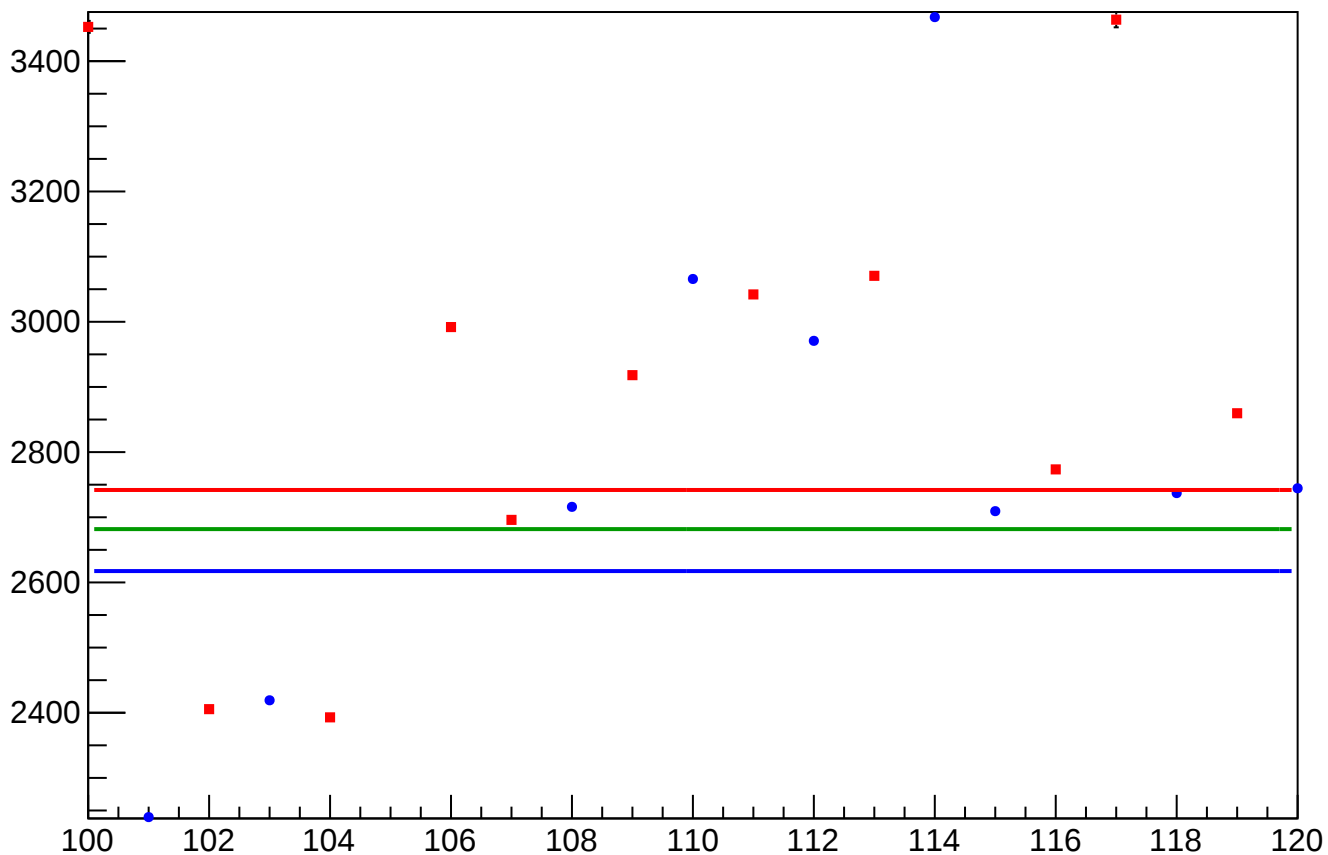
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1482.854+/-1432.373 χ^2/NDF : 8.3/8

-125.175+/-994.991 χ^2/NDF : 18.2/19

-1624.642+/-1383.177 χ^2/NDF : 7.5/10

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2617.437+/-1.013 χ^2/NDF : 87567.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2741.888+/-0.978 χ^2/NDF : 80636.1/10

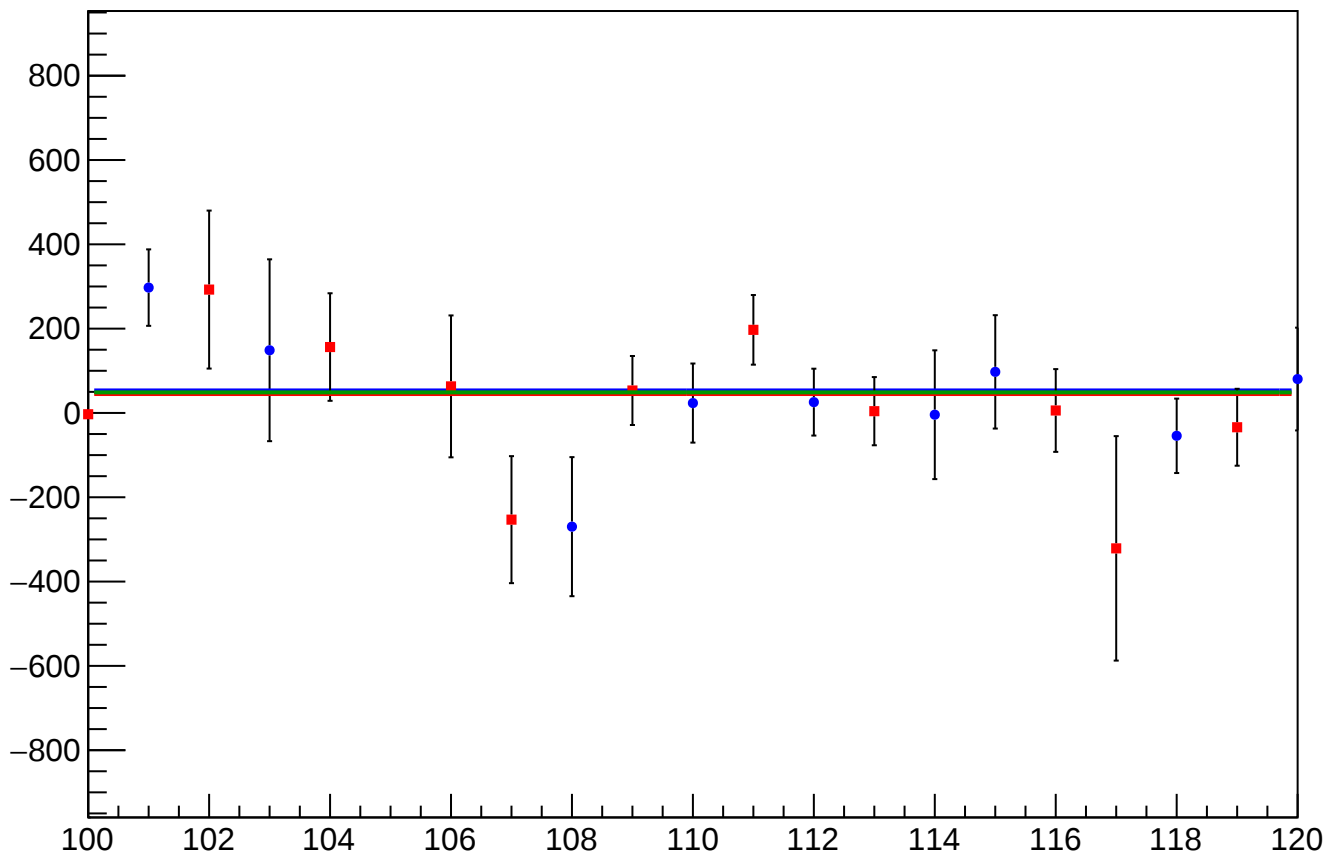
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2617.437+/-1.013 χ^2/NDF : 87567.4/8

2681.836+/-0.704 χ^2/NDF : 176016.0/19

2741.888+/-0.978 χ^2/NDF : 80636.1/10

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 53.369+/-36.606 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.909+/-34.158 χ^2/NDF : 12.9/10

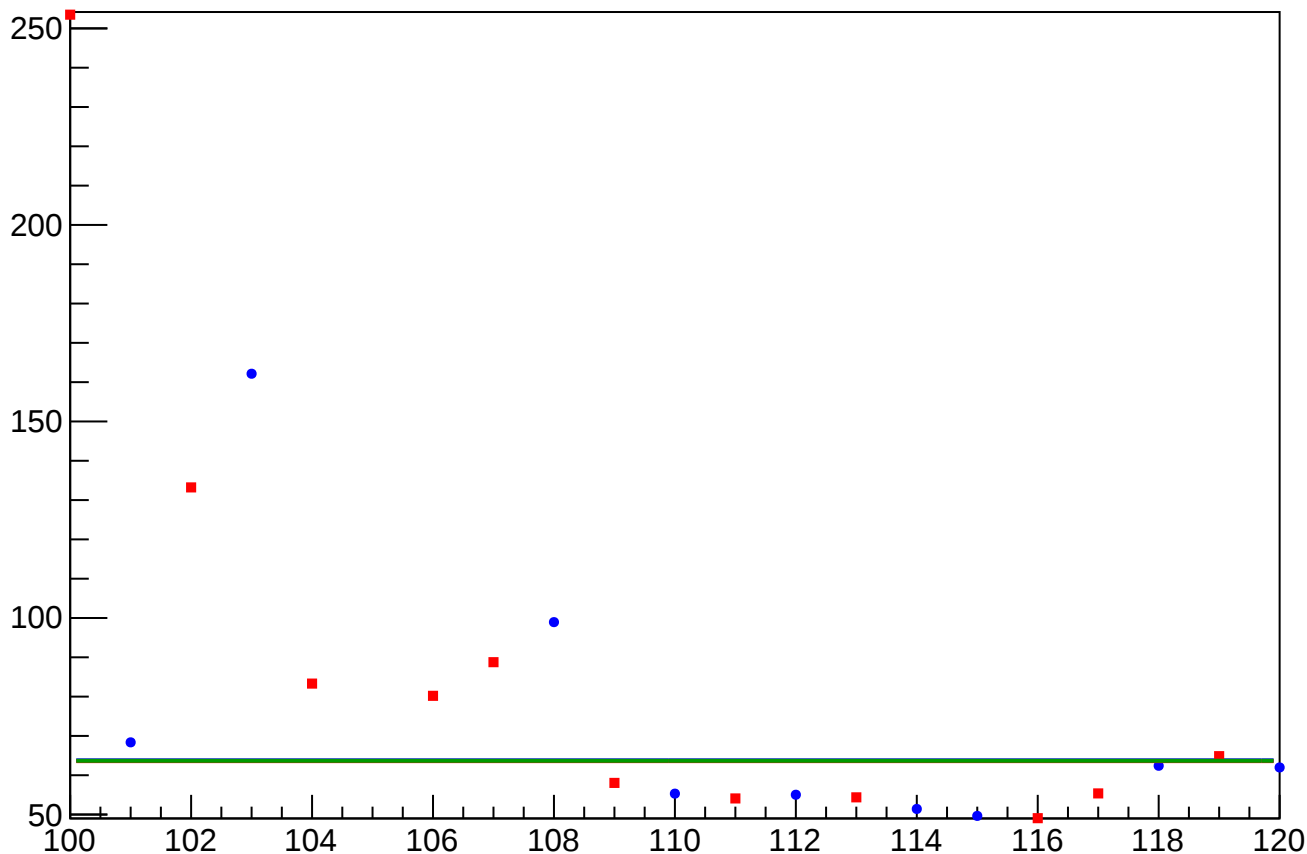
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

53.369+/-36.606 χ^2/NDF : 13.3/8

48.847+/-24.974 χ^2/NDF : 26.2/19

44.909+/-34.158 χ^2/NDF : 12.9/10

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 63.786+/-0.026 χ^2/NDF : 588665.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.590+/-0.024 χ^2/NDF : 585723.2/10

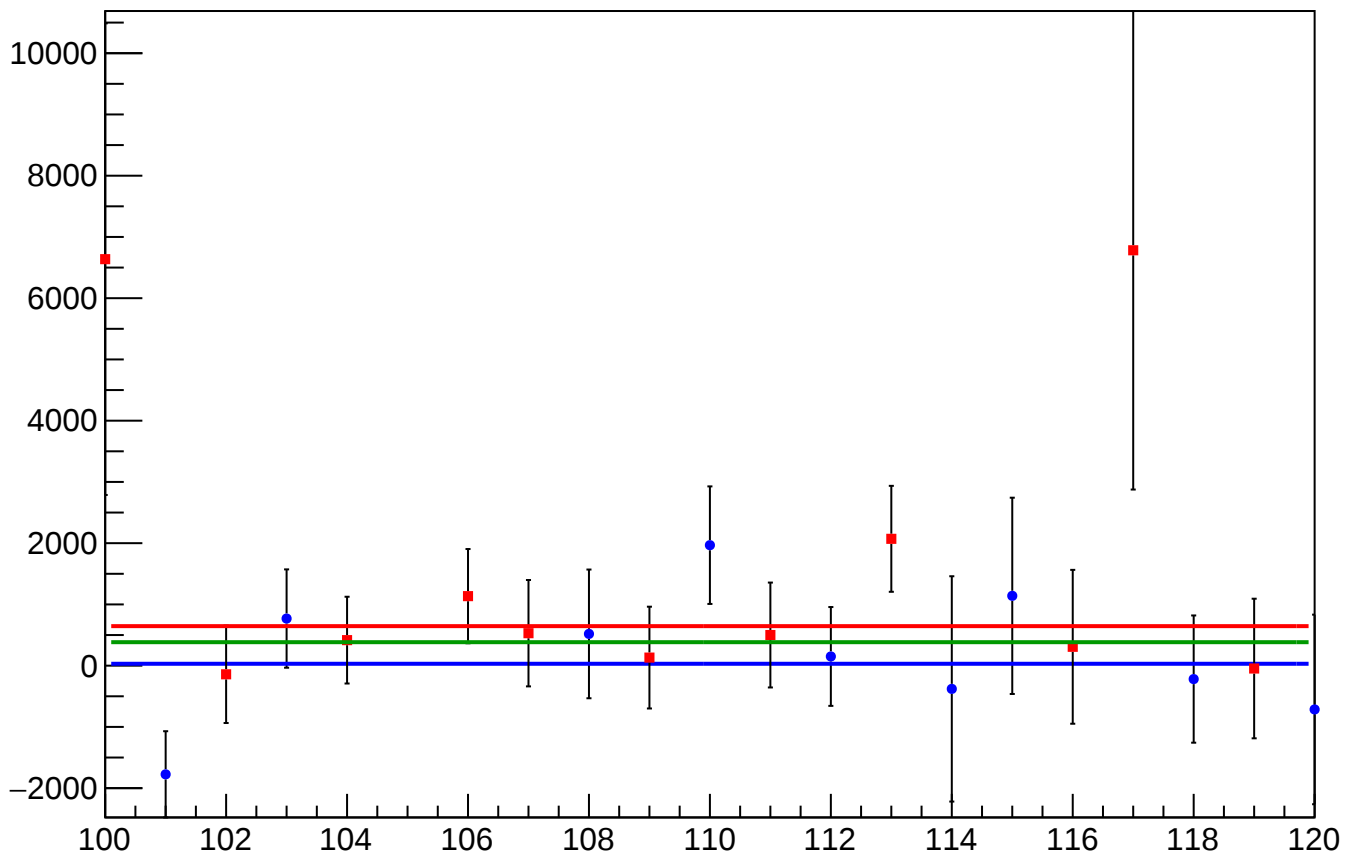
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.786+/-0.026 χ^2/NDF : 588665.3/8

63.681+/-0.018 χ^2/NDF : 1174419.1/19

63.590+/-0.024 χ^2/NDF : 585723.2/10

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 30.940+/-331.038 χ^2/NDF : 12.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 645.379+/-285.425 χ^2/NDF : 10.0/10

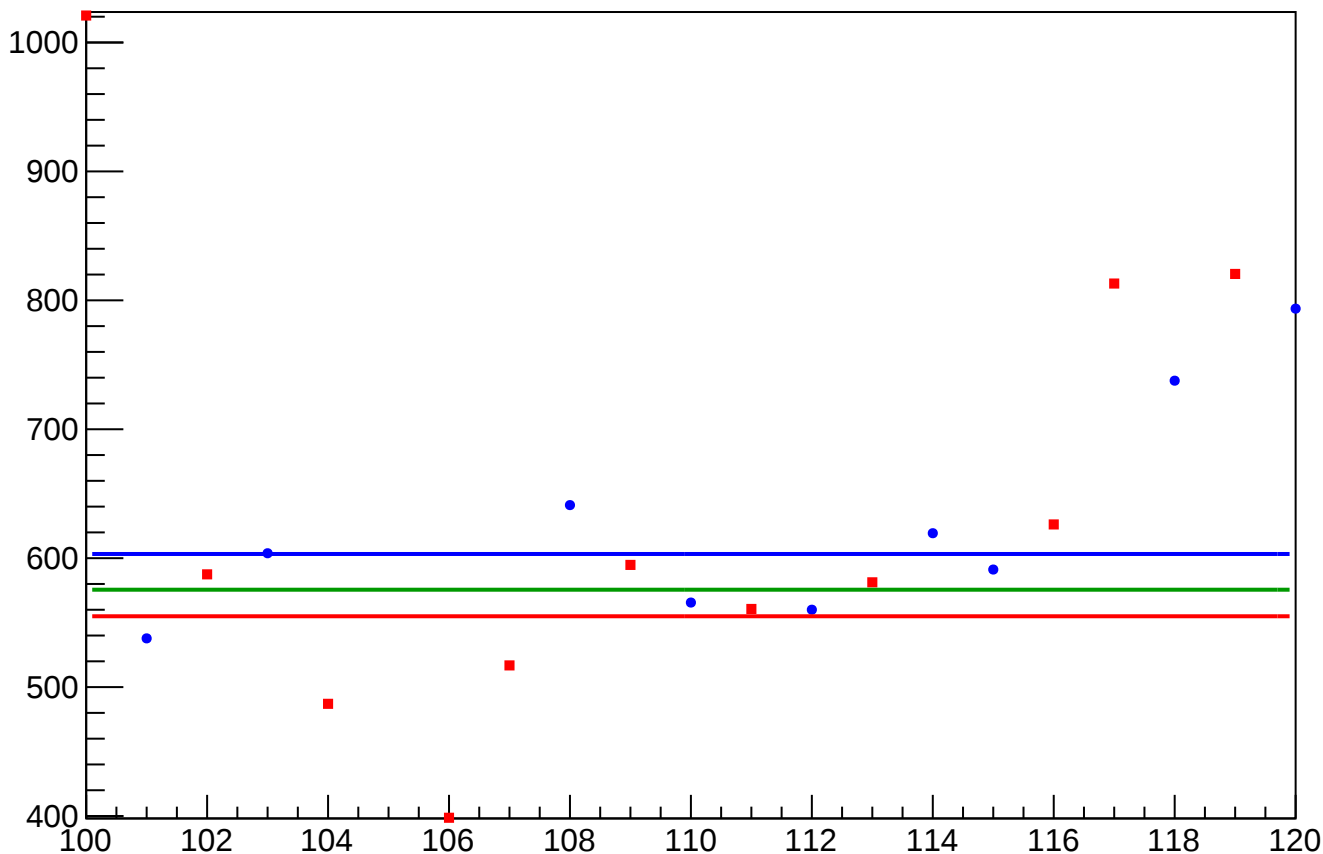
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.940+/-331.038 χ^2/NDF : 12.5/8

383.375+/-216.168 χ^2/NDF : 24.5/19

645.379+/-285.425 χ^2/NDF : 10.0/10

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 603.255+/-0.234 χ^2/NDF : 92707.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.944+/-0.202 χ^2/NDF : 267666.6/10

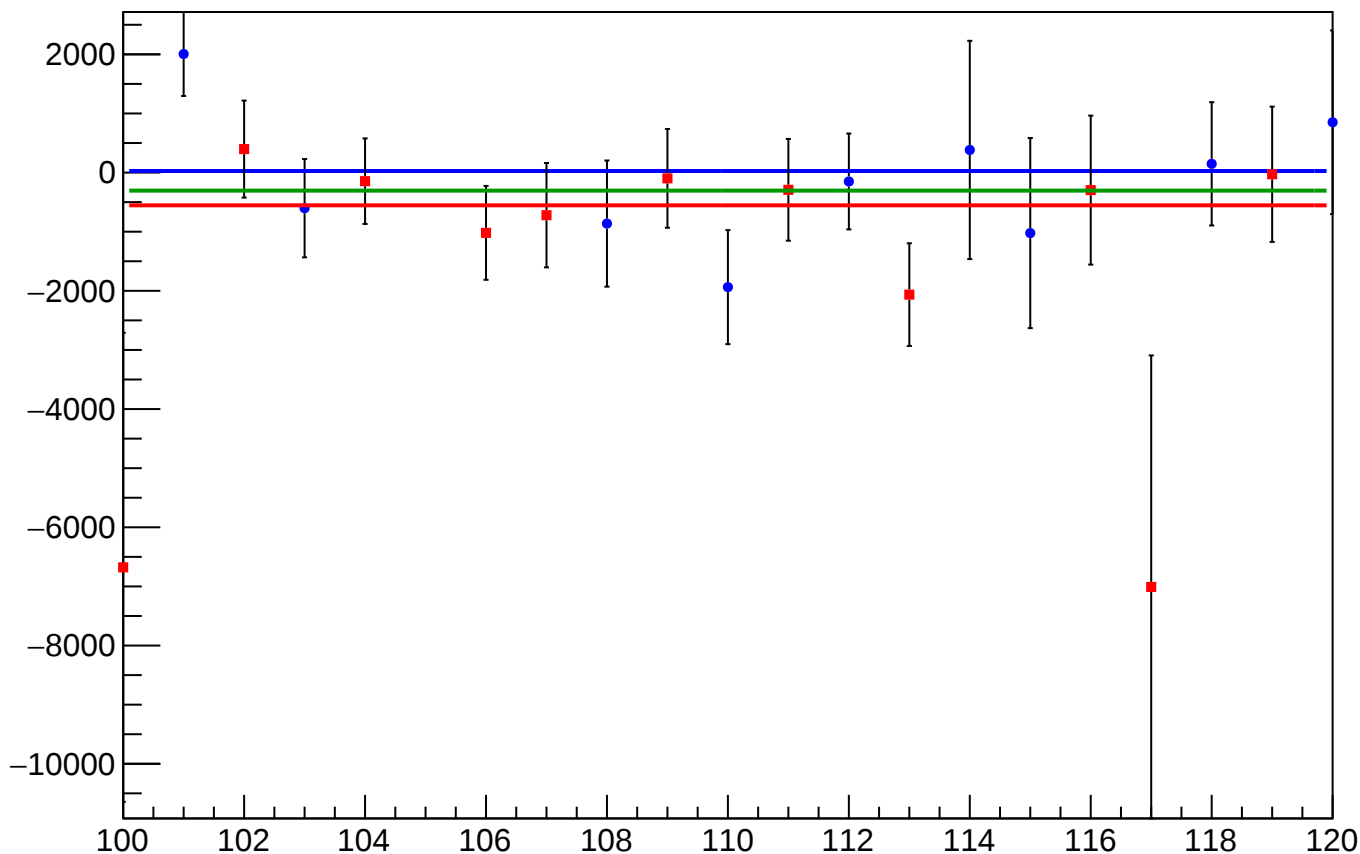
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

603.255+/-0.234 χ^2/NDF : 92707.9/8

575.545+/-0.153 χ^2/NDF : 384806.6/19

554.944+/-0.202 χ^2/NDF : 267666.6/10

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 26.852+/-334.890 χ^2/NDF : 14.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -553.884+/-289.939 χ^2/NDF : 10.8/10

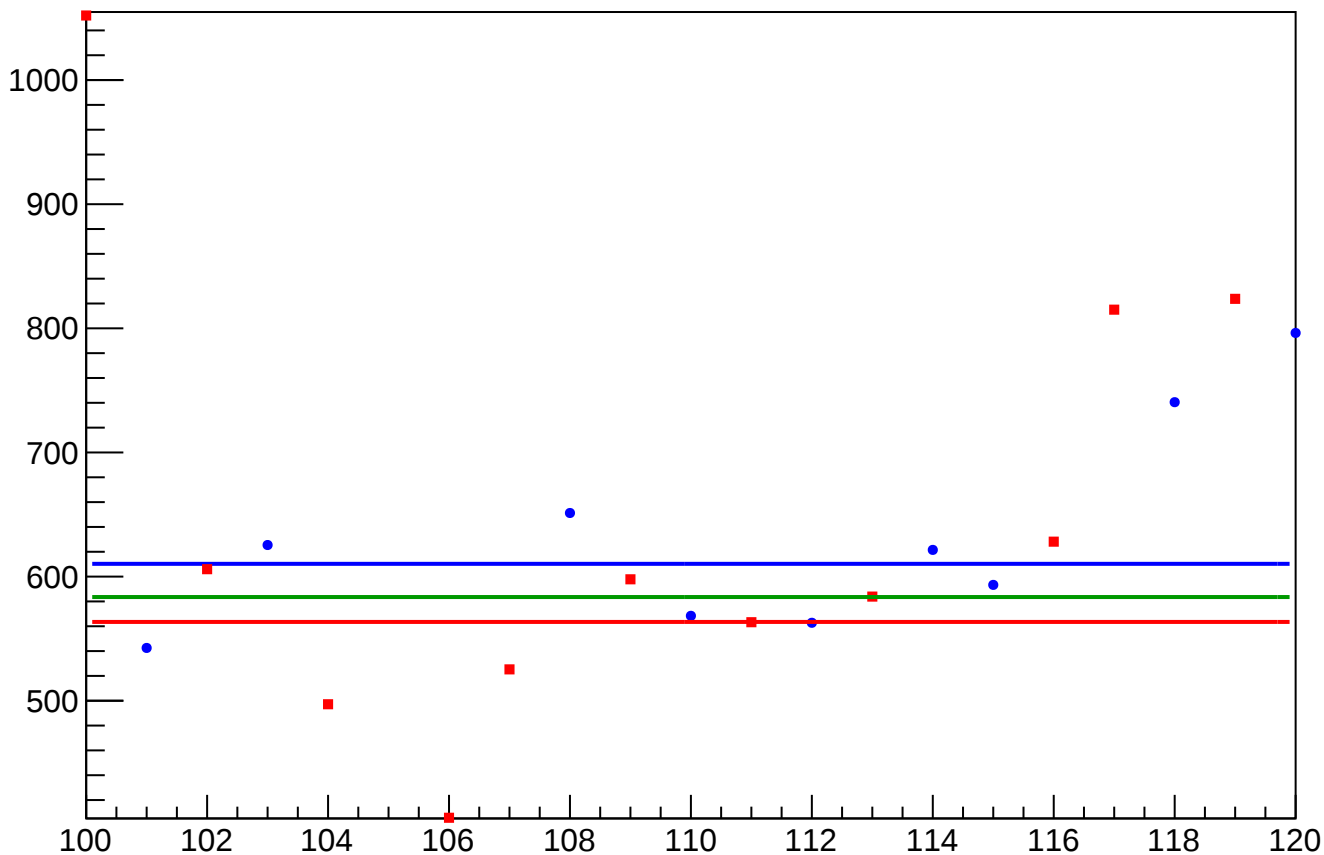
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

26.852+/-334.890 χ^2/NDF : 14.0/8

-305.080+/-219.201 χ^2/NDF : 26.5/19

-553.884+/-289.939 χ^2/NDF : 10.8/10

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 610.288+/-0.237 χ^2/NDF : 92610.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 563.483+/-0.205 χ^2/NDF : 256648.7/10

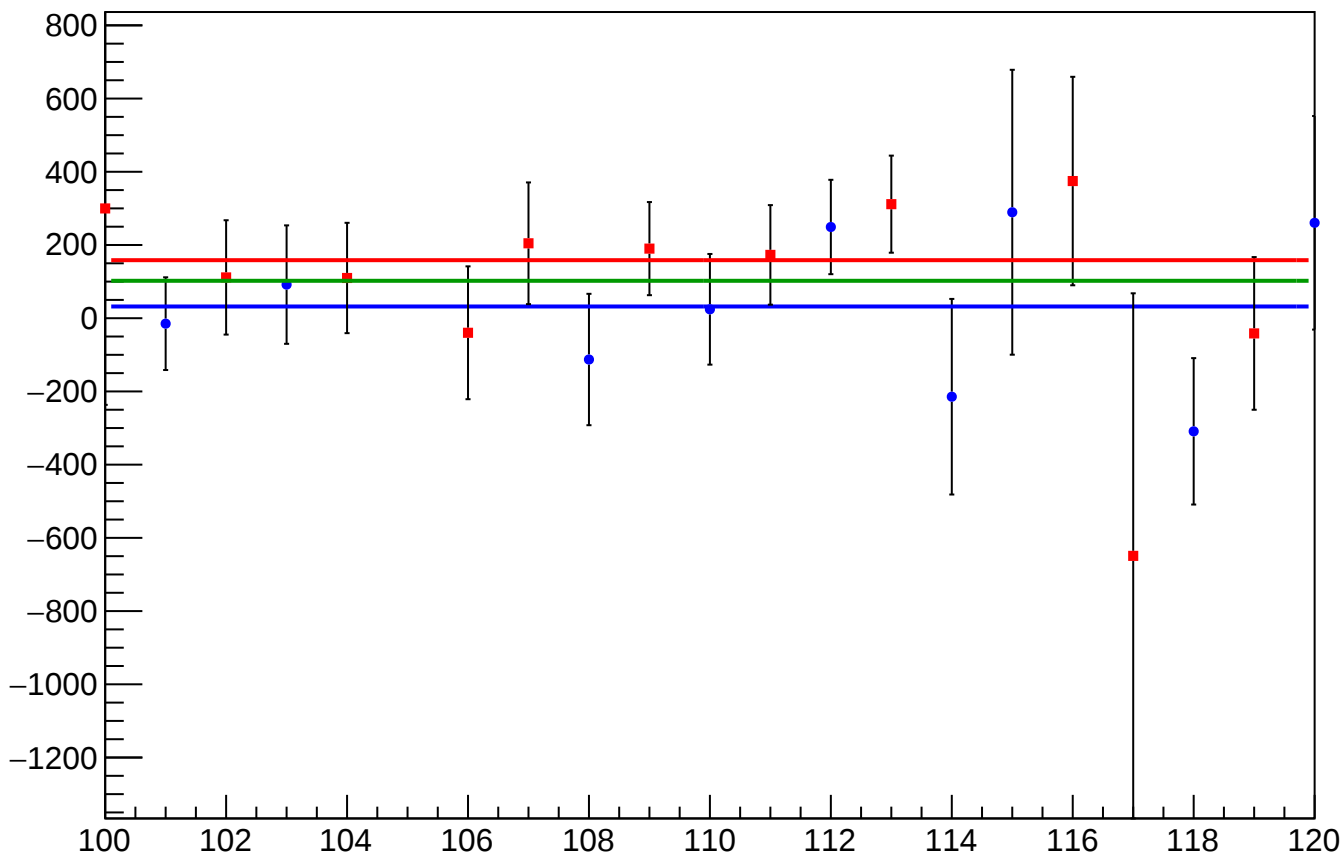
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

610.288+/-0.237 χ^2/NDF : 92610.6/8

583.536+/-0.155 χ^2/NDF : 371588.8/19

563.483+/-0.205 χ^2/NDF : 256648.7/10

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 32.036+/-58.421 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.522+/-52.334 χ^2/NDF : 5.7/10

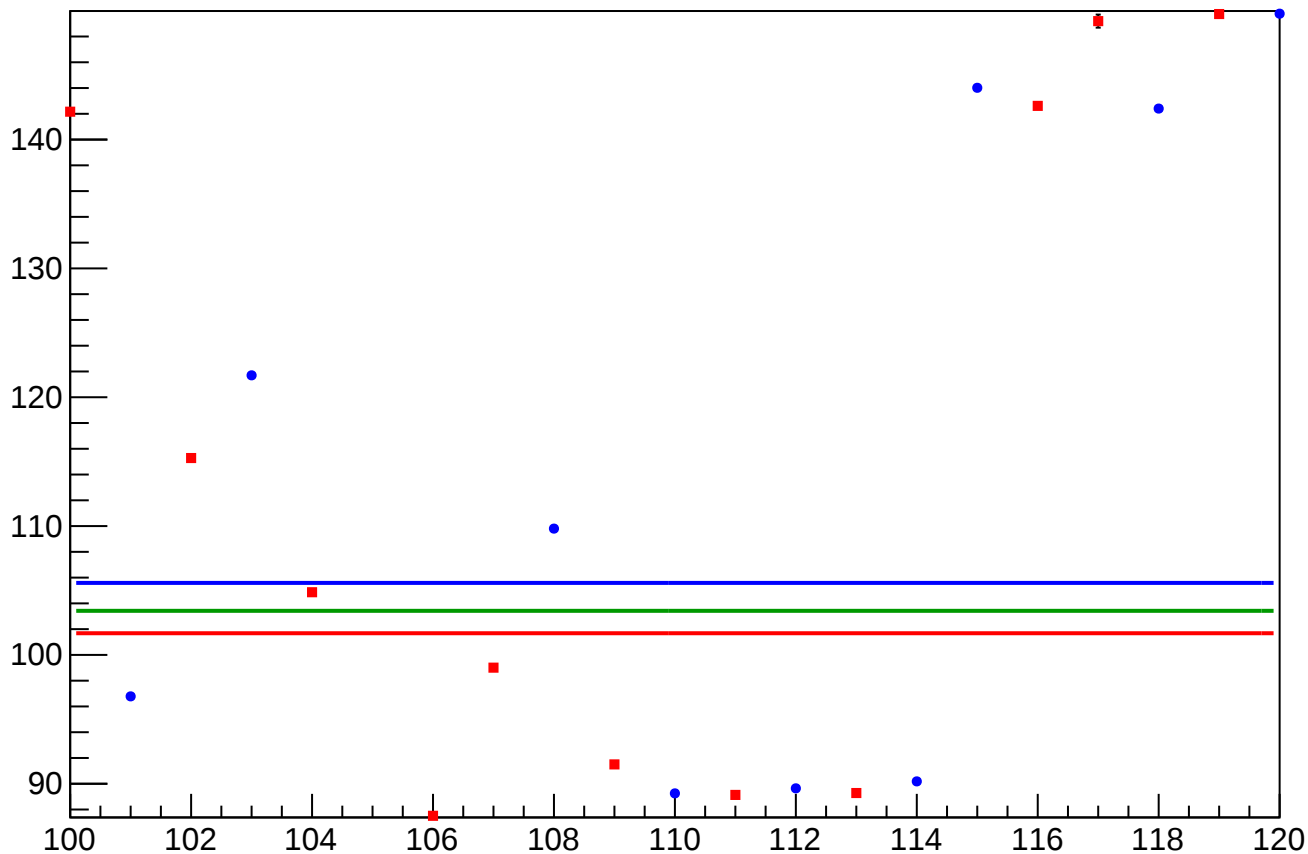
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.036+/-58.421 χ^2/NDF : 8.6/8

102.210+/-38.980 χ^2/NDF : 16.9/19

158.522+/-52.334 χ^2/NDF : 5.7/10

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 105.589+/-0.041 χ^2/NDF : 224424.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.683+/-0.037 χ^2/NDF : 243832.3/10

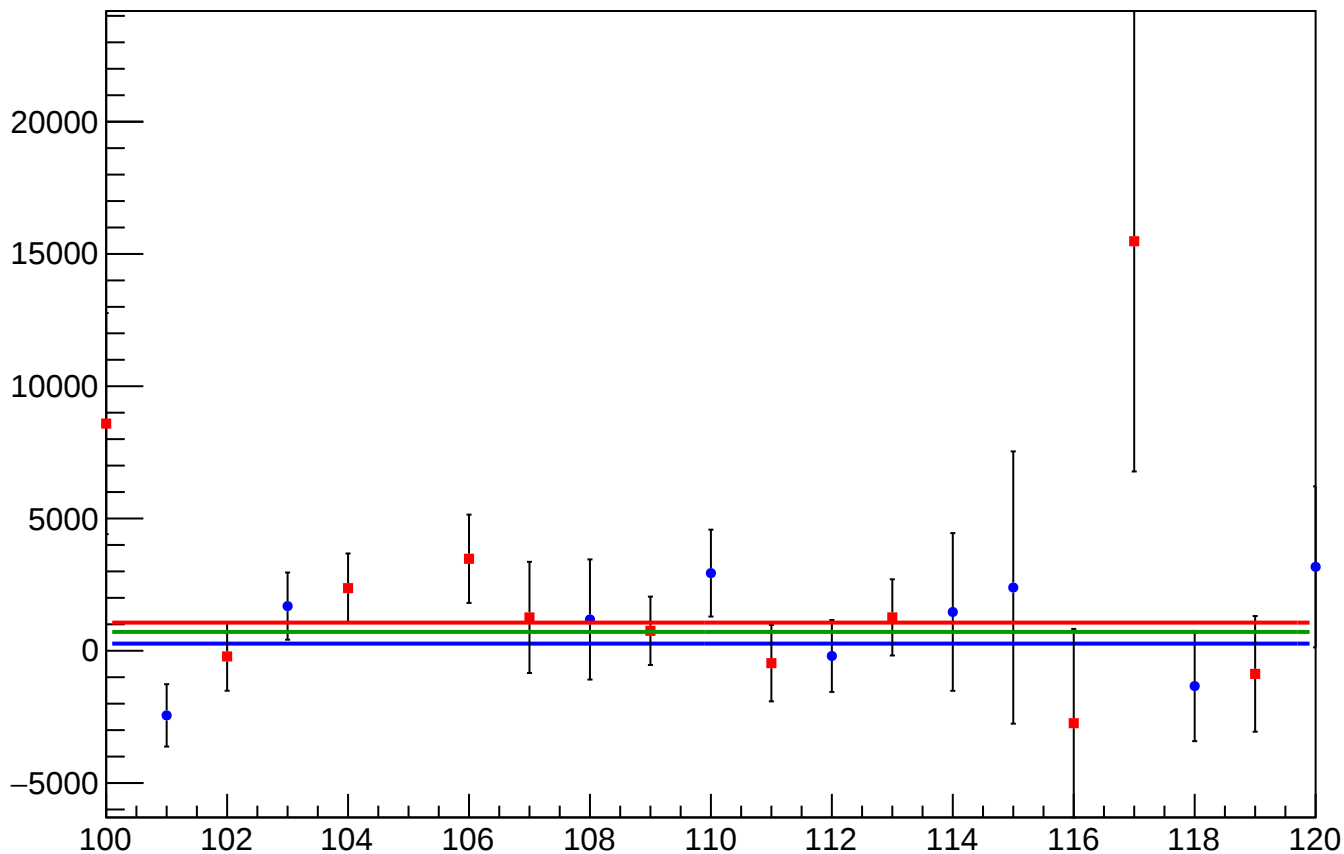
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

105.589+/-0.041 χ^2/NDF : 224424.6/8

103.422+/-0.028 χ^2/NDF : 473218.8/19

101.683+/-0.037 χ^2/NDF : 243832.3/10

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 270.321+/-583.838 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1064.474+/-521.124 χ^2/NDF : 13.2/10

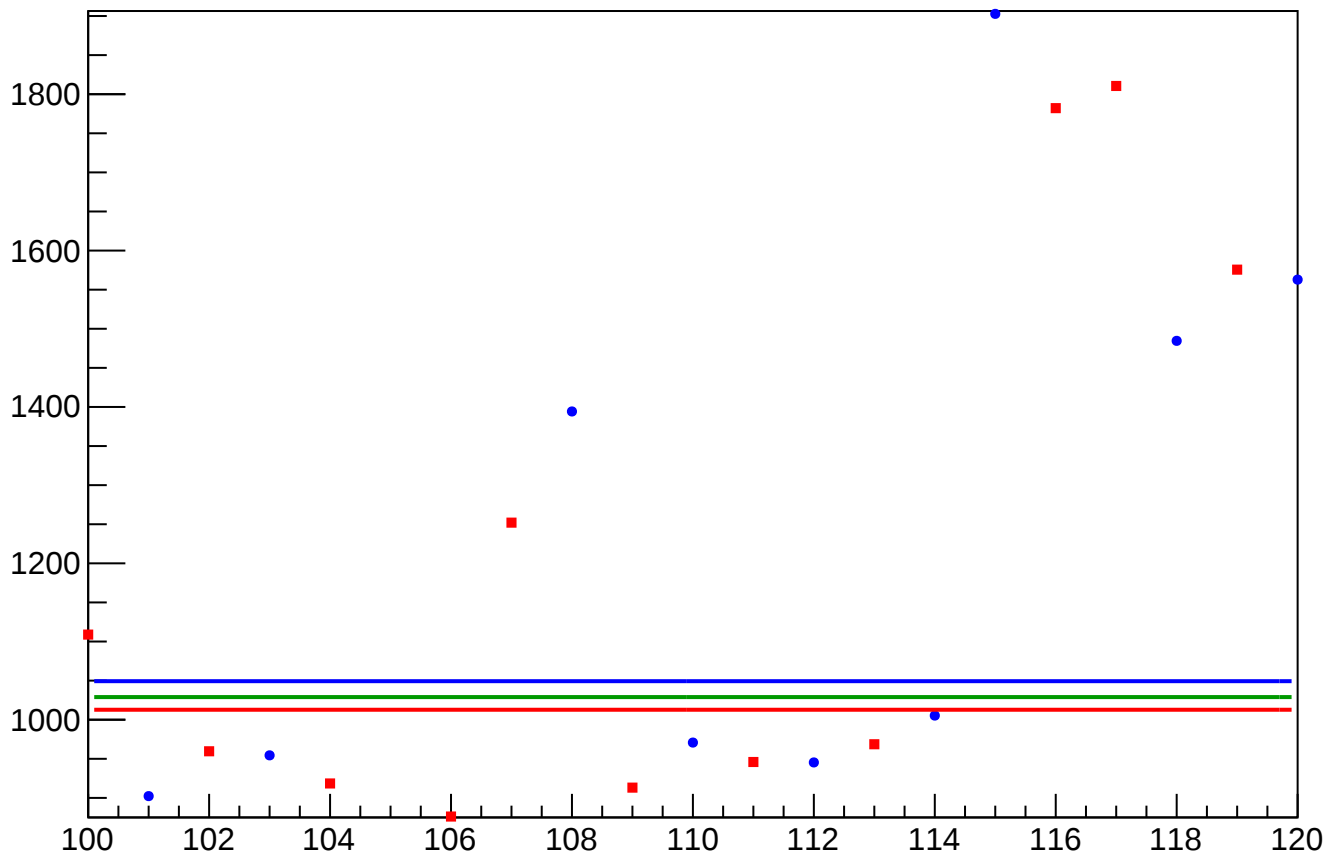
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

270.321+/-583.838 χ^2/NDF : 11.3/8

712.326+/-388.779 χ^2/NDF : 25.5/19

1064.474+/-521.124 χ^2/NDF : 13.2/10

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1049.283+/-0.413 χ^2/NDF : 304312.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.749+/-0.368 χ^2/NDF : 314783.0/10

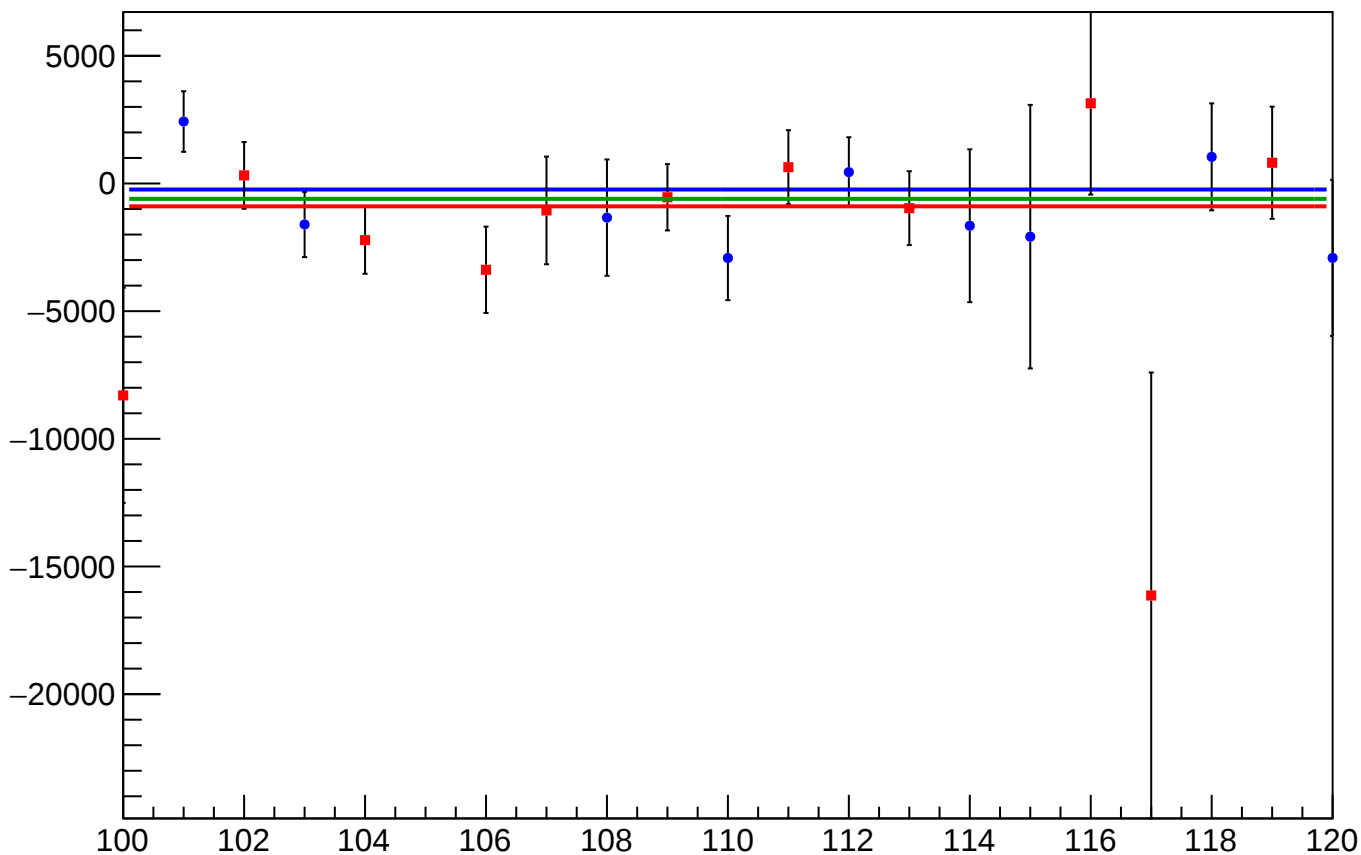
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1049.283+/-0.413 χ^2/NDF : 304312.1/8

1028.949+/-0.275 χ^2/NDF : 623453.8/19

1012.749+/-0.368 χ^2/NDF : 314783.0/10

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -235.694+/-587.025 χ^2 /NDF: 10.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -894.391+/-524.339 χ^2 /NDF: 13.2/10

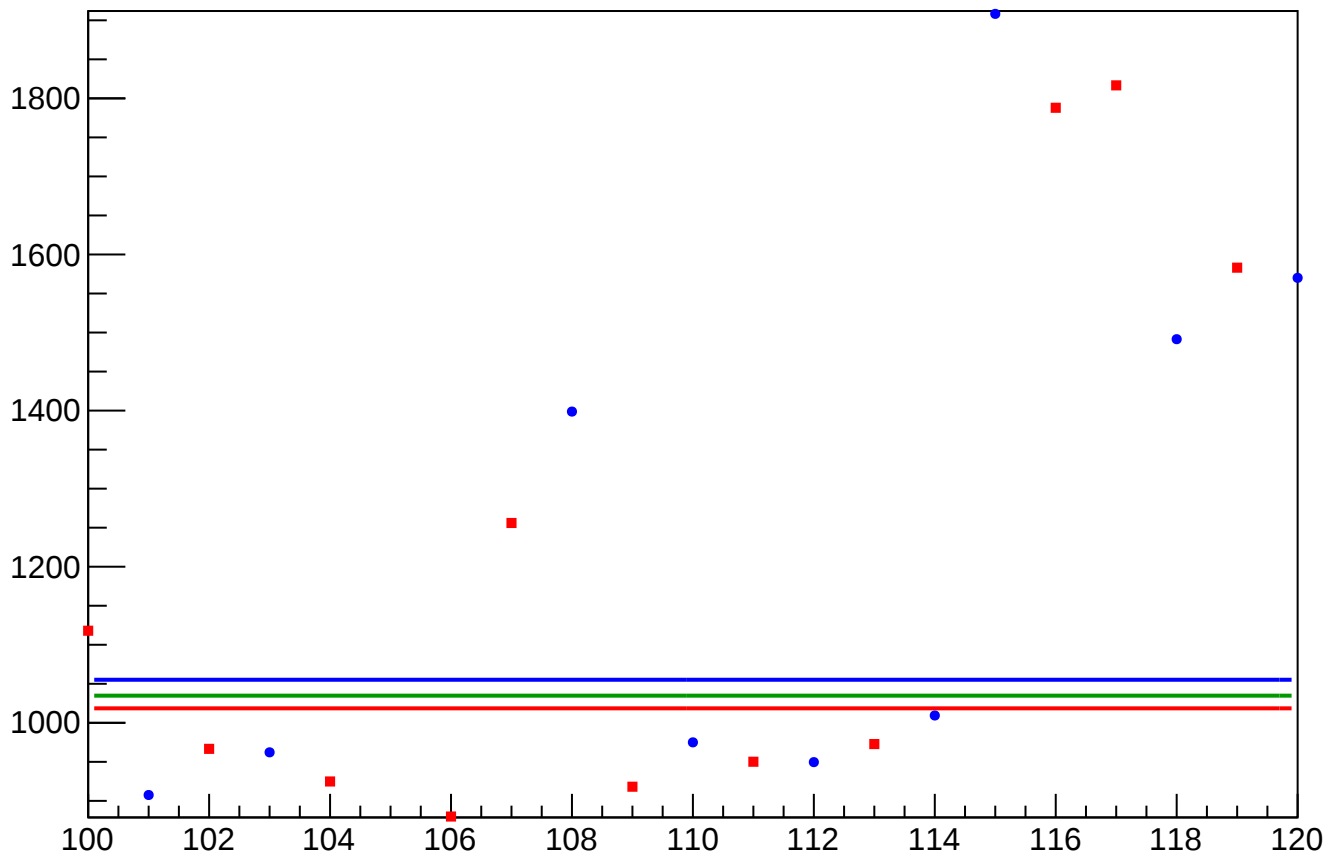
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-235.694+/-587.025 χ^2 /NDF: 10.8/8

-602.078+/-391.055 χ^2 /NDF: 24.7/19

-894.391+/-524.339 χ^2 /NDF: 13.2/10

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1055.175+/-0.415 χ^2/NDF : 302406.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1018.547+/-0.371 χ^2/NDF : 313056.3/10

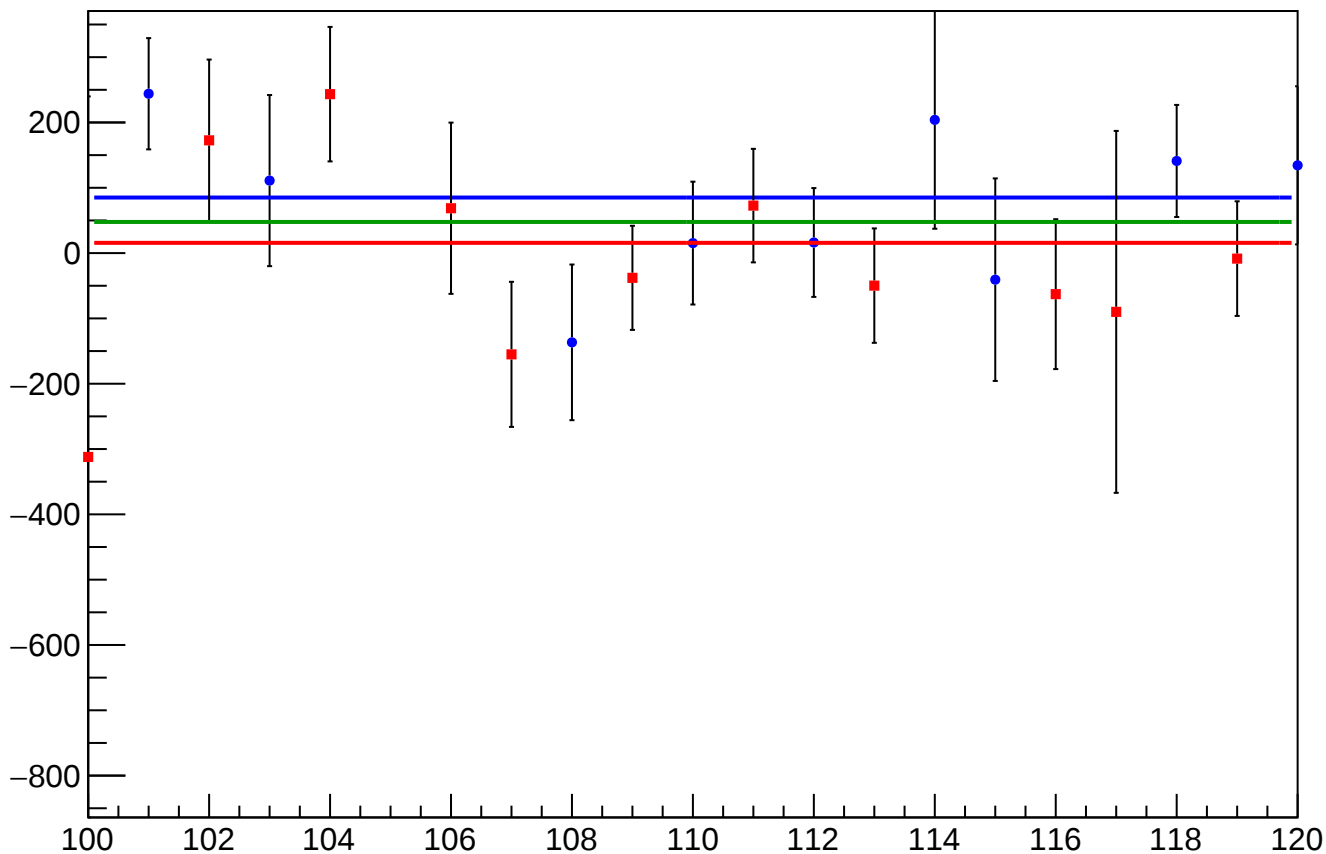
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1055.175+/-0.415 χ^2/NDF : 302406.1/8

1034.802+/-0.277 χ^2/NDF : 619793.3/19

1018.547+/-0.371 χ^2/NDF : 313056.3/10

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 85.083+/-35.239 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.698+/-32.596 χ^2/NDF : 11.5/10

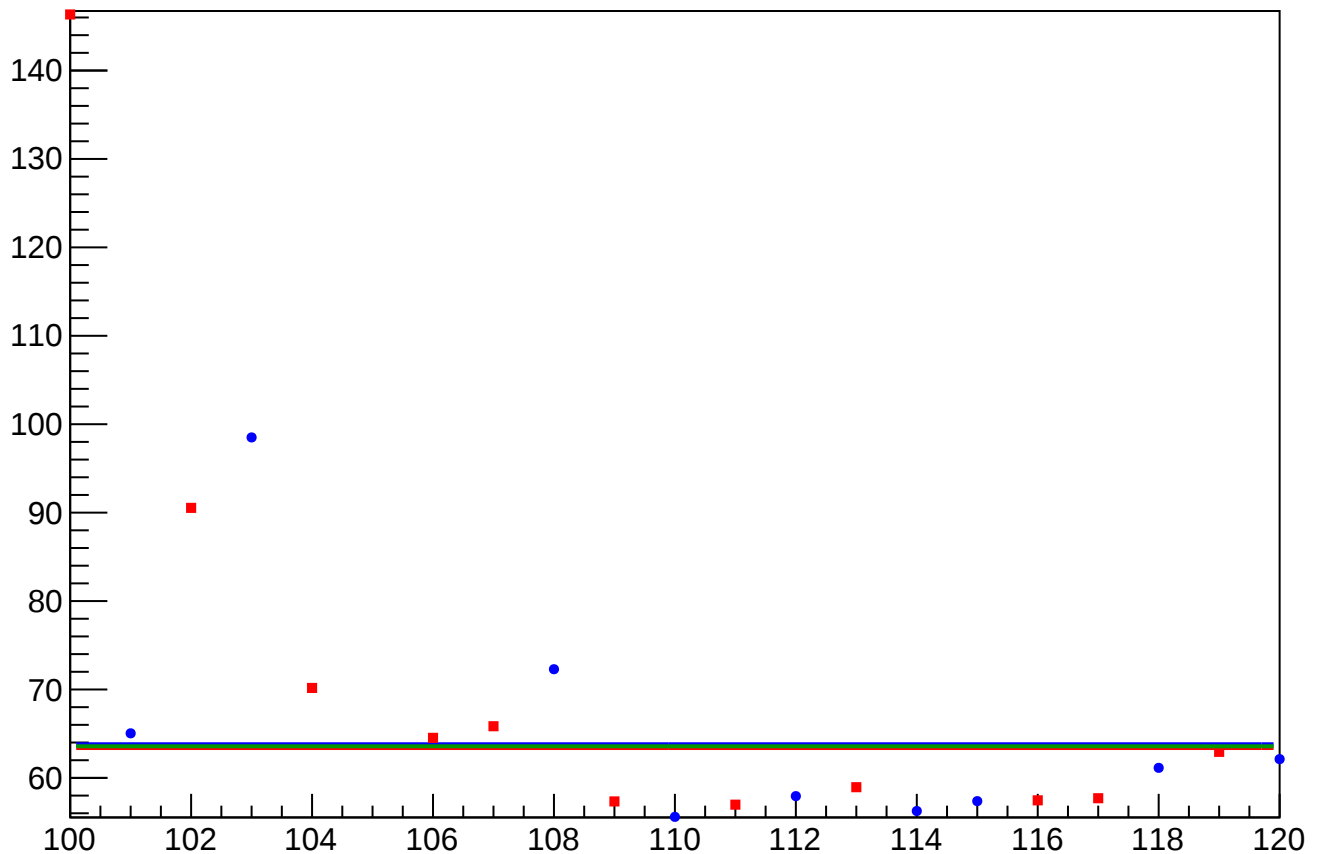
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.083+/-35.239 χ^2/NDF : 10.0/8

47.691+/-23.929 χ^2/NDF : 23.6/19

15.698+/-32.596 χ^2/NDF : 11.5/10

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.805+/-0.025 χ^2/NDF : 185938.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.380+/-0.023 χ^2/NDF : 185166.7/10

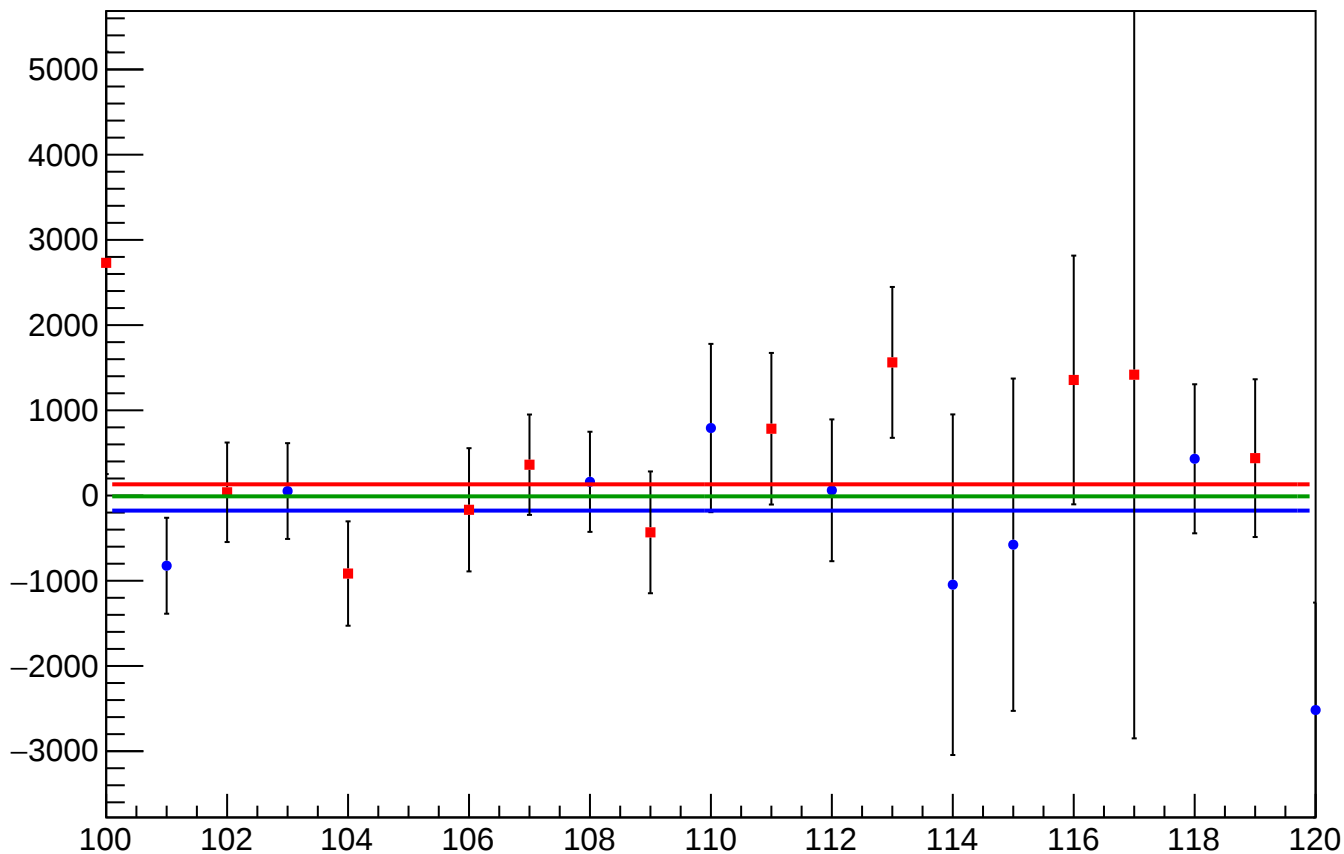
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.805+/-0.025 χ^2/NDF : 185938.3/8

63.576+/-0.017 χ^2/NDF : 371262.4/19

63.380+/-0.023 χ^2/NDF : 185166.7/10

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -176.739+/-265.943 χ^2 /NDF: 7.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131.609+/-244.361 χ^2 /NDF: 9.0/10

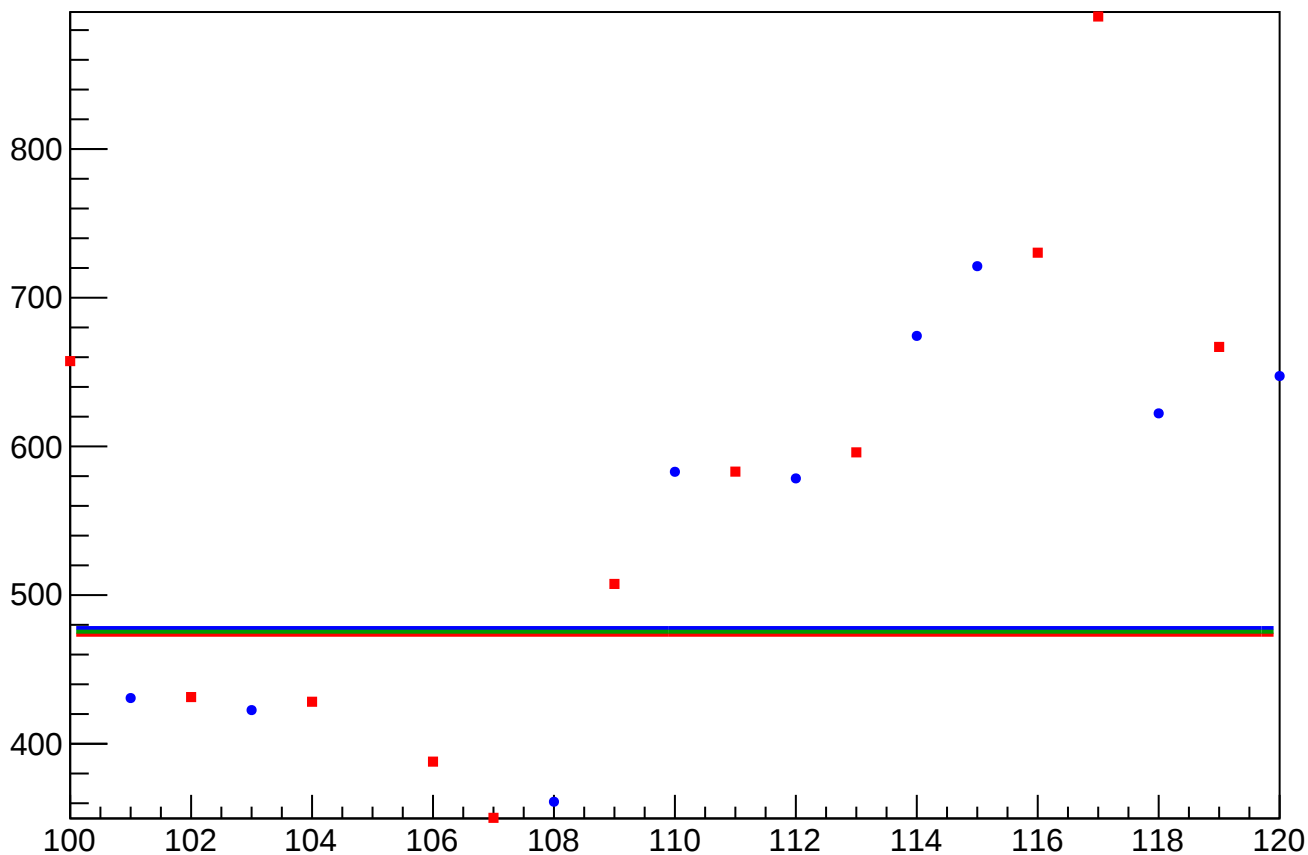
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-176.739+/-265.943 χ^2 /NDF: 7.0/8

-9.548+/-179.936 χ^2 /NDF: 16.8/19

131.609+/-244.361 χ^2 /NDF: 9.0/10

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 477.842+/-0.188 χ^2/NDF : 305437.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 473.330+/-0.173 χ^2/NDF : 389297.5/10

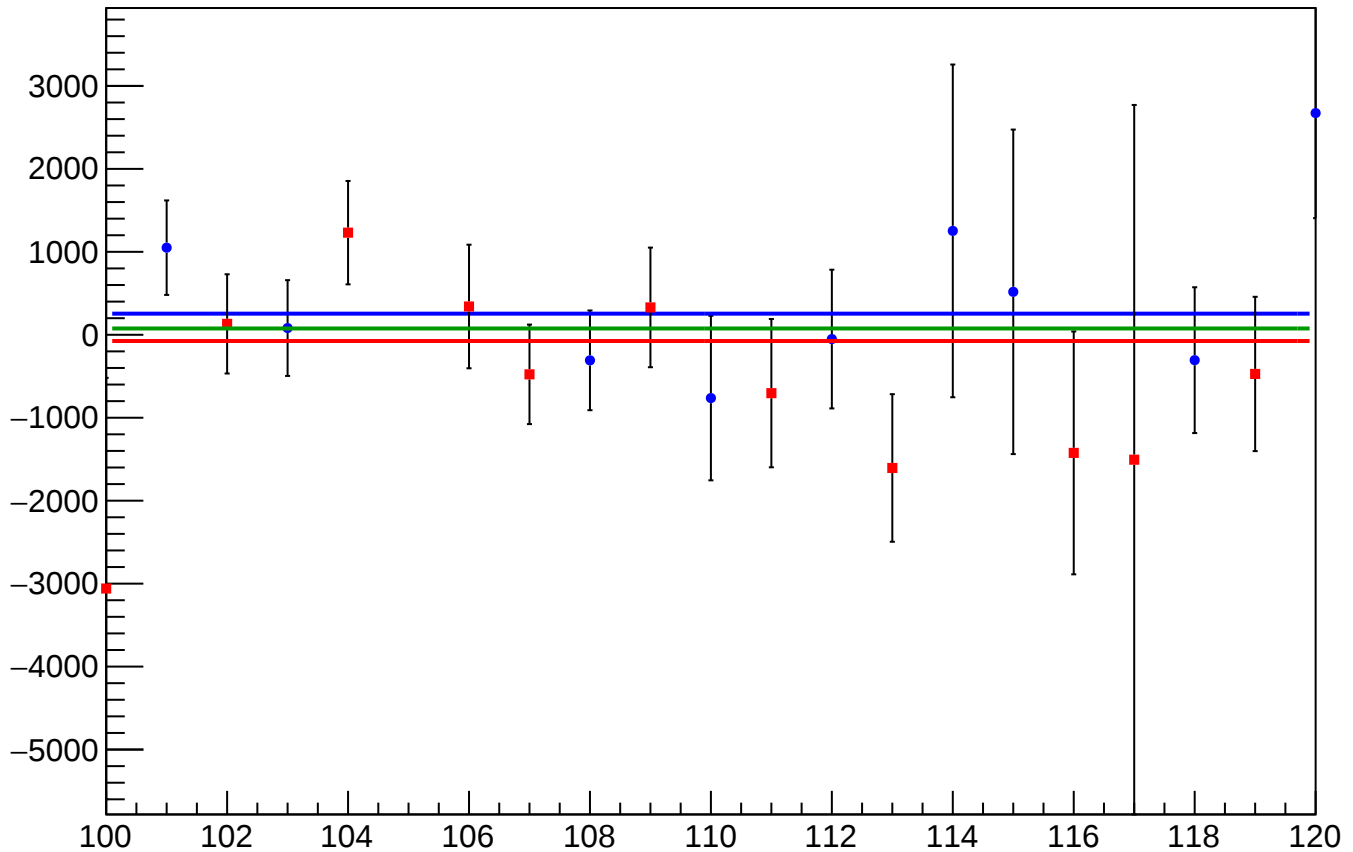
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

477.842+/-0.188 χ^2/NDF : 305437.7/8

475.396+/-0.127 χ^2/NDF : 695047.3/19

473.330+/-0.173 χ^2/NDF : 389297.5/10

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 254.700+/-269.904 χ^2 /NDF: 8.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -74.913+/-248.282 χ^2 /NDF: 11.6/10

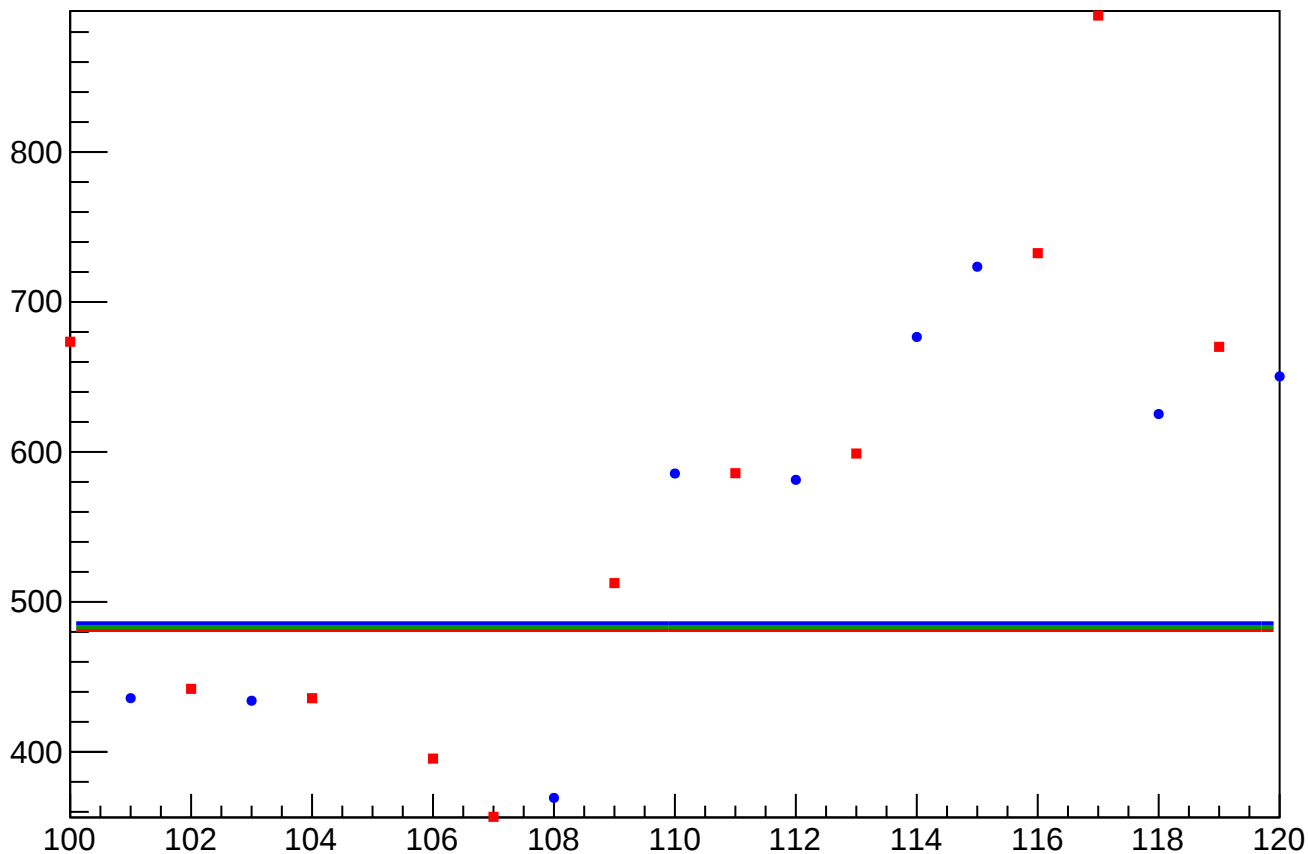
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

254.700+/-269.904 χ^2 /NDF: 8.4/8

76.163+/-182.729 χ^2 /NDF: 20.8/19

-74.913+/-248.282 χ^2 /NDF: 11.6/10

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 485.746+/-0.191 χ^2/NDF : 284768.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 481.262+/-0.176 χ^2/NDF : 369339.7/10

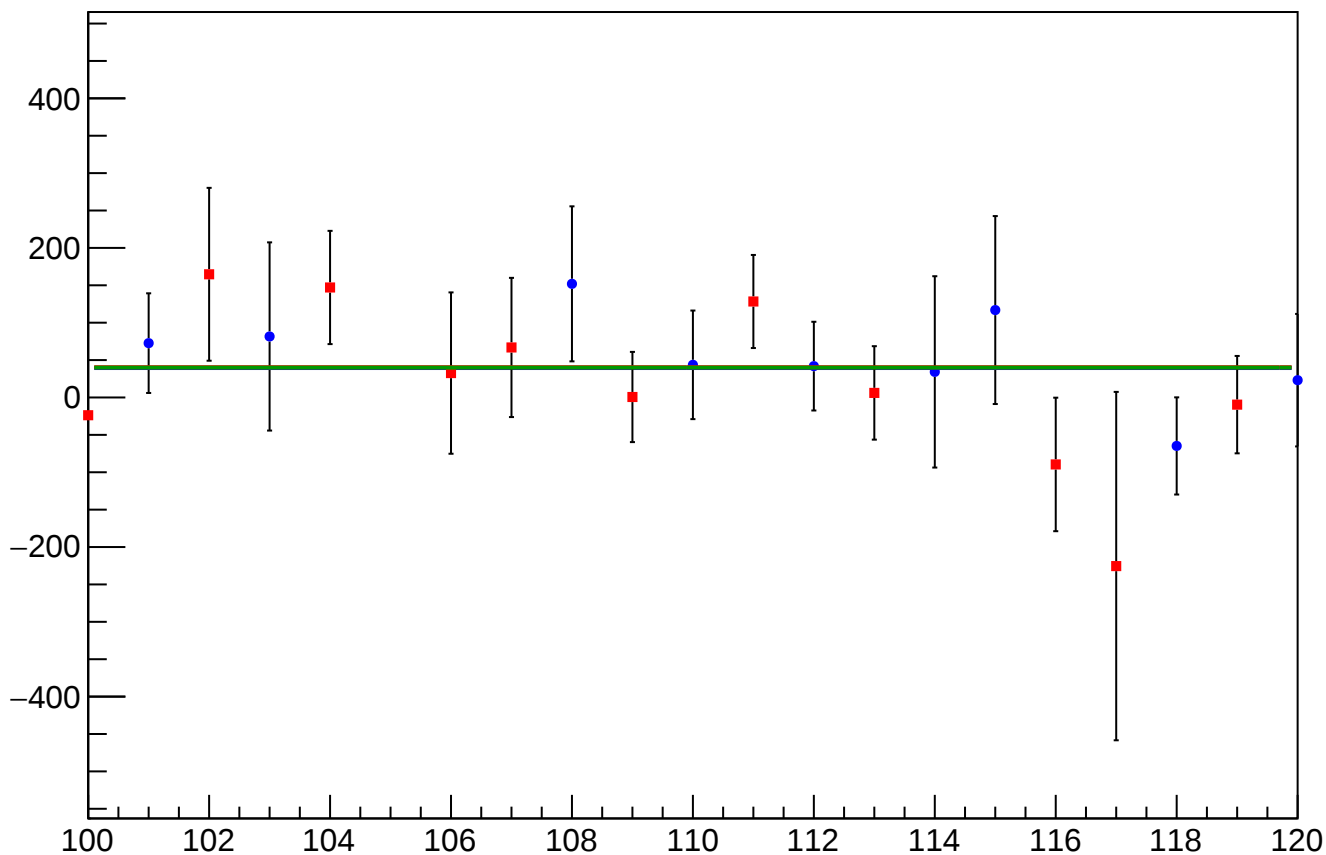
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

485.746+/-0.191 χ^2/NDF : 284768.1/8

483.317+/-0.129 χ^2/NDF : 654406.9/19

481.262+/-0.176 χ^2/NDF : 369339.7/10

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 39.383+/-27.275 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.449+/-24.822 χ^2/NDF : 10.0/10

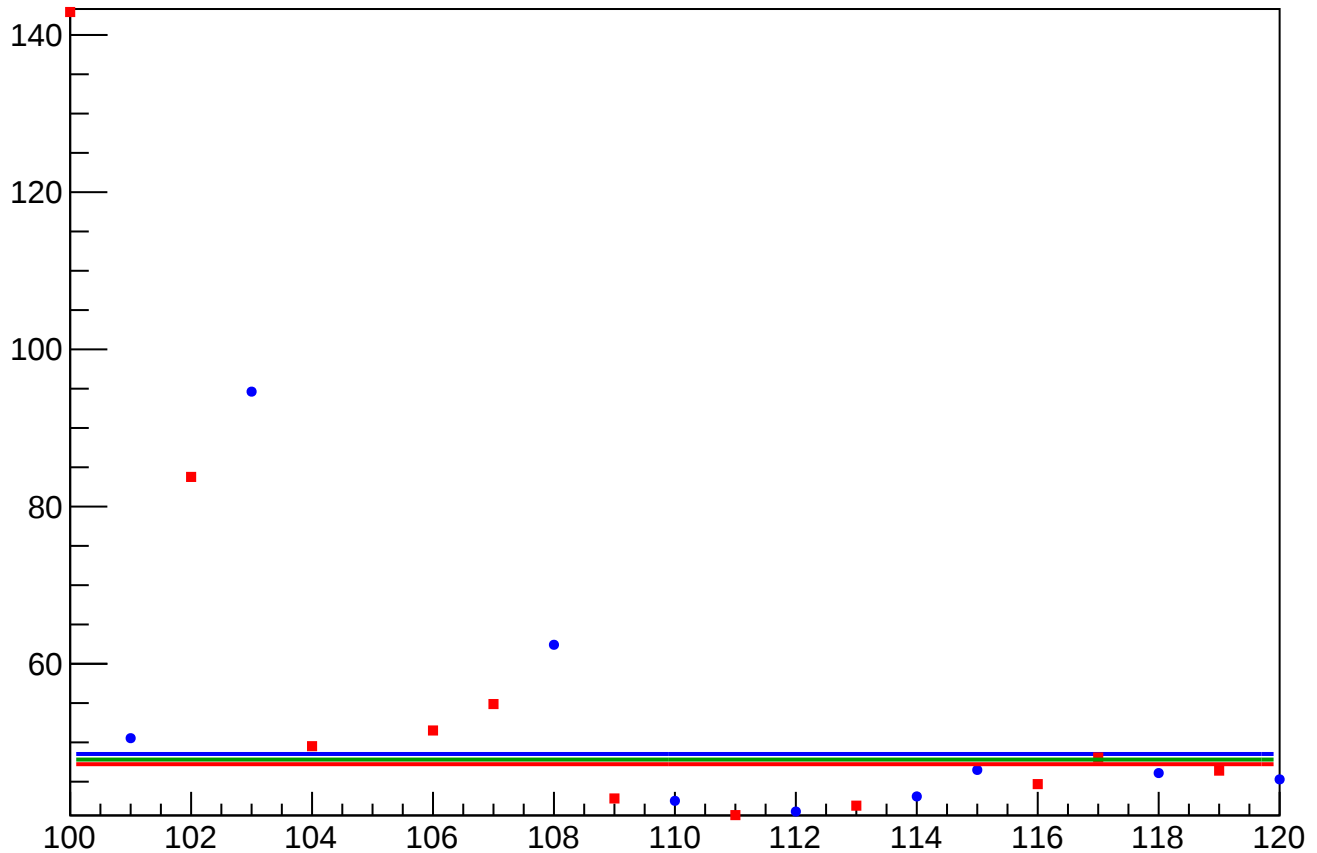
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

39.383+/-27.275 χ^2/NDF : 4.5/8

39.966+/-18.358 χ^2/NDF : 14.5/19

40.449+/-24.822 χ^2/NDF : 10.0/10

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.524+/-0.019 χ^2/NDF : 359705.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.225+/-0.018 χ^2/NDF : 329836.1/10

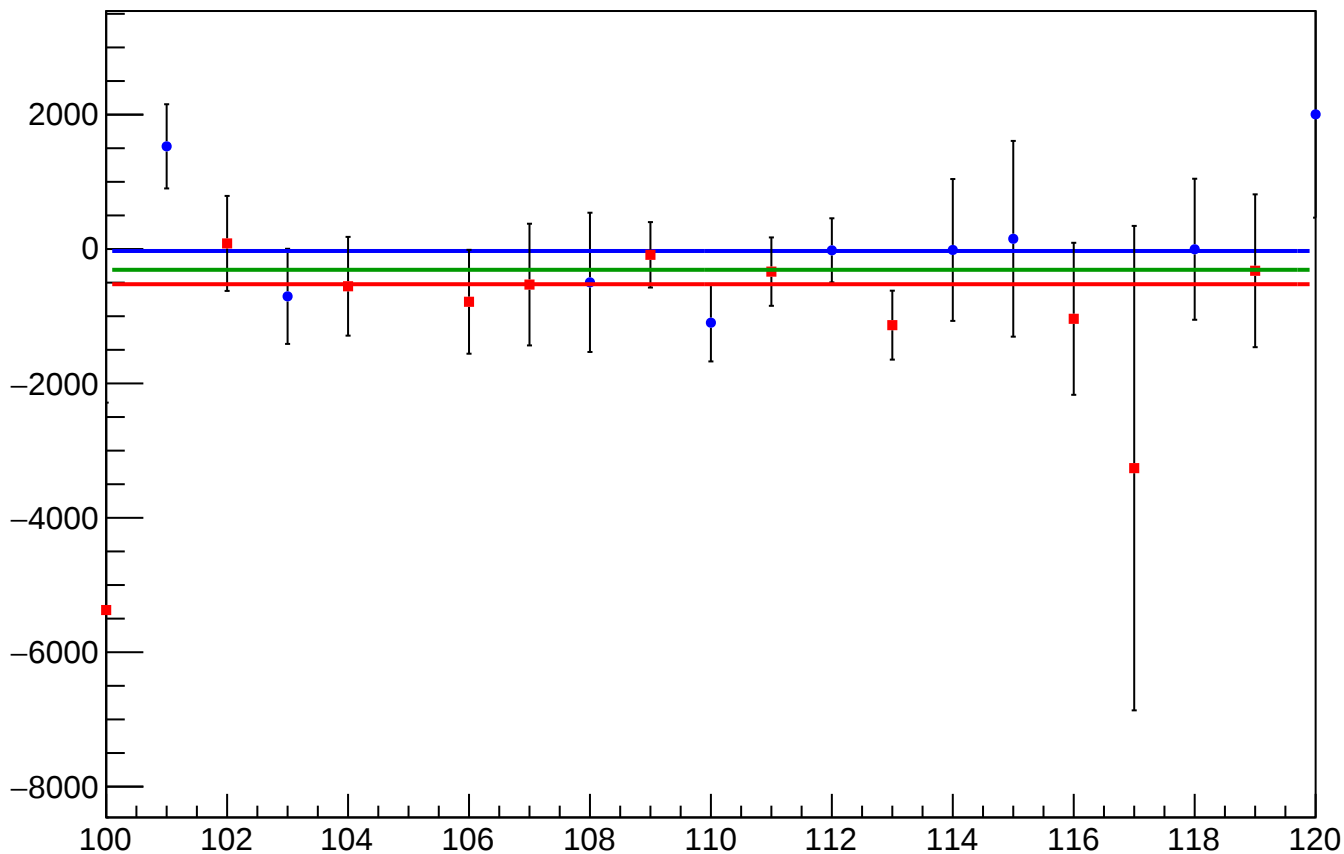
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.524+/-0.019 χ^2/NDF : 359705.6/8

47.813+/-0.013 χ^2/NDF : 692026.0/19

47.225+/-0.018 χ^2/NDF : 329836.1/10

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -29.015 ± 253.310 χ^2/NDF : 12.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -523.455 ± 221.592 χ^2/NDF : 6.5/10

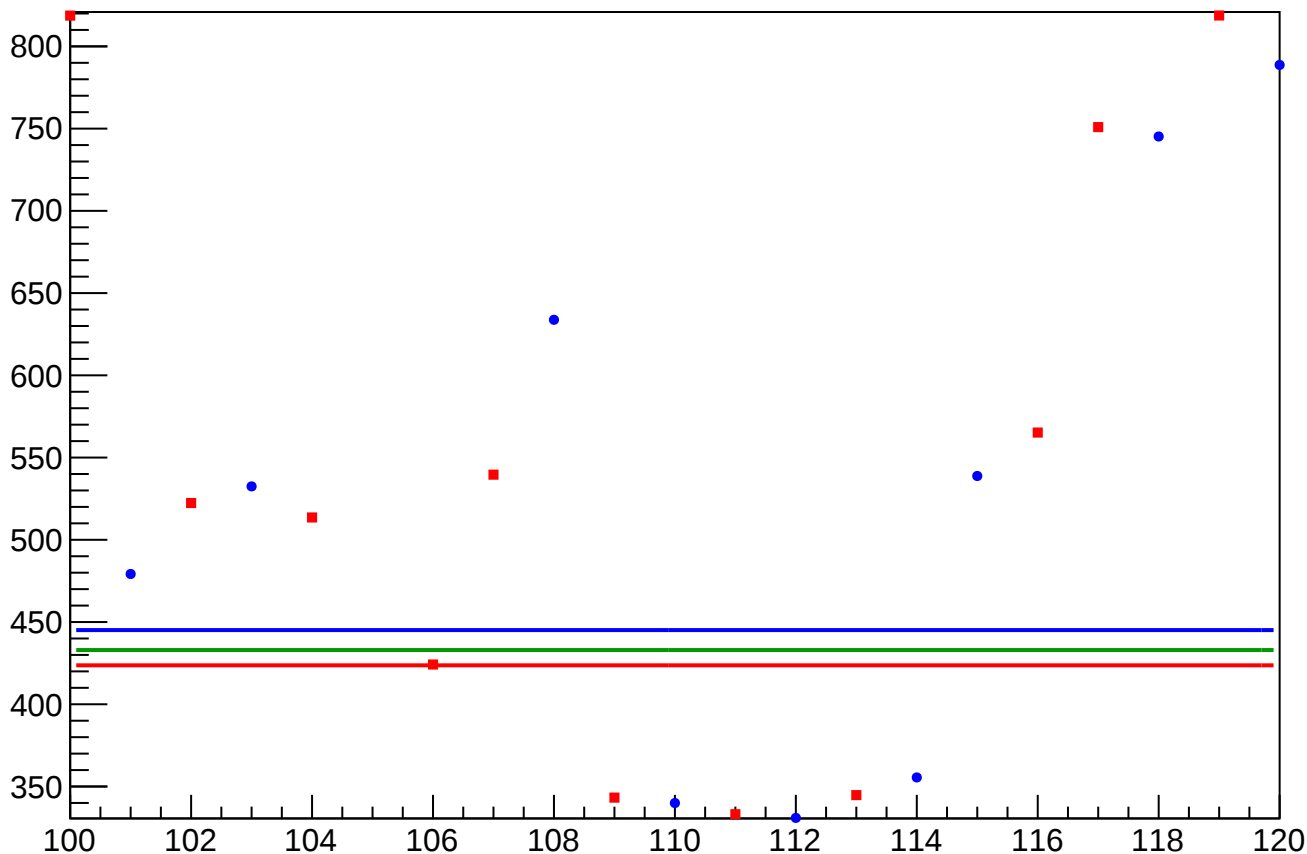
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.015 ± 253.310 χ^2/NDF : 12.5/8

-309.111 ± 166.783 χ^2/NDF : 21.1/19

-523.455 ± 221.592 χ^2/NDF : 6.5/10

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 445.099+/-0.179 χ^2/NDF : 570124.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.682+/-0.157 χ^2/NDF : 588870.0/10

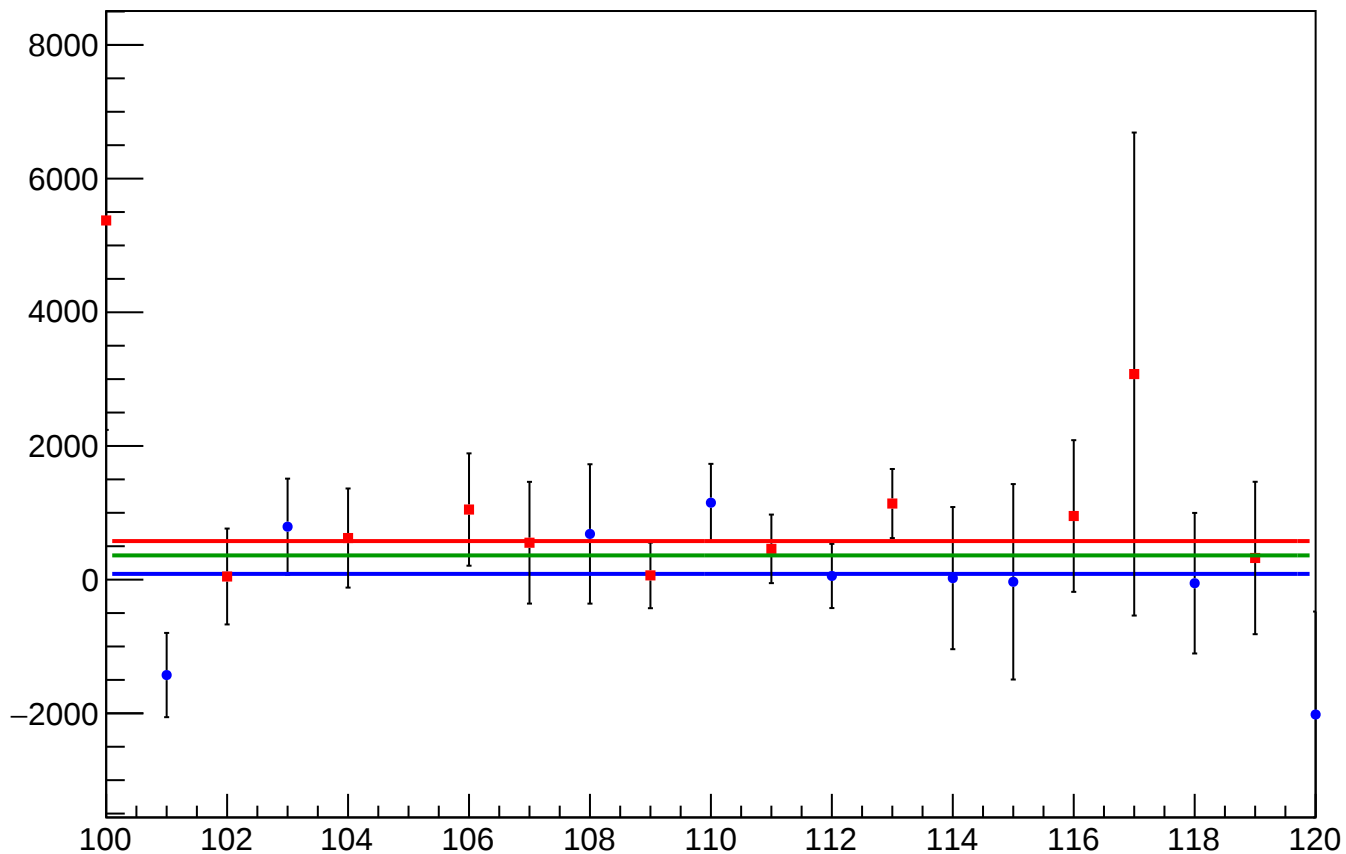
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

445.099+/-0.179 χ^2/NDF : 570124.6/8

432.966+/-0.118 χ^2/NDF : 1167094.1/19

423.682+/-0.157 χ^2/NDF : 588870.0/10

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 86.103+/-255.320 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.983+/-224.726 χ^2/NDF : 6.2/10

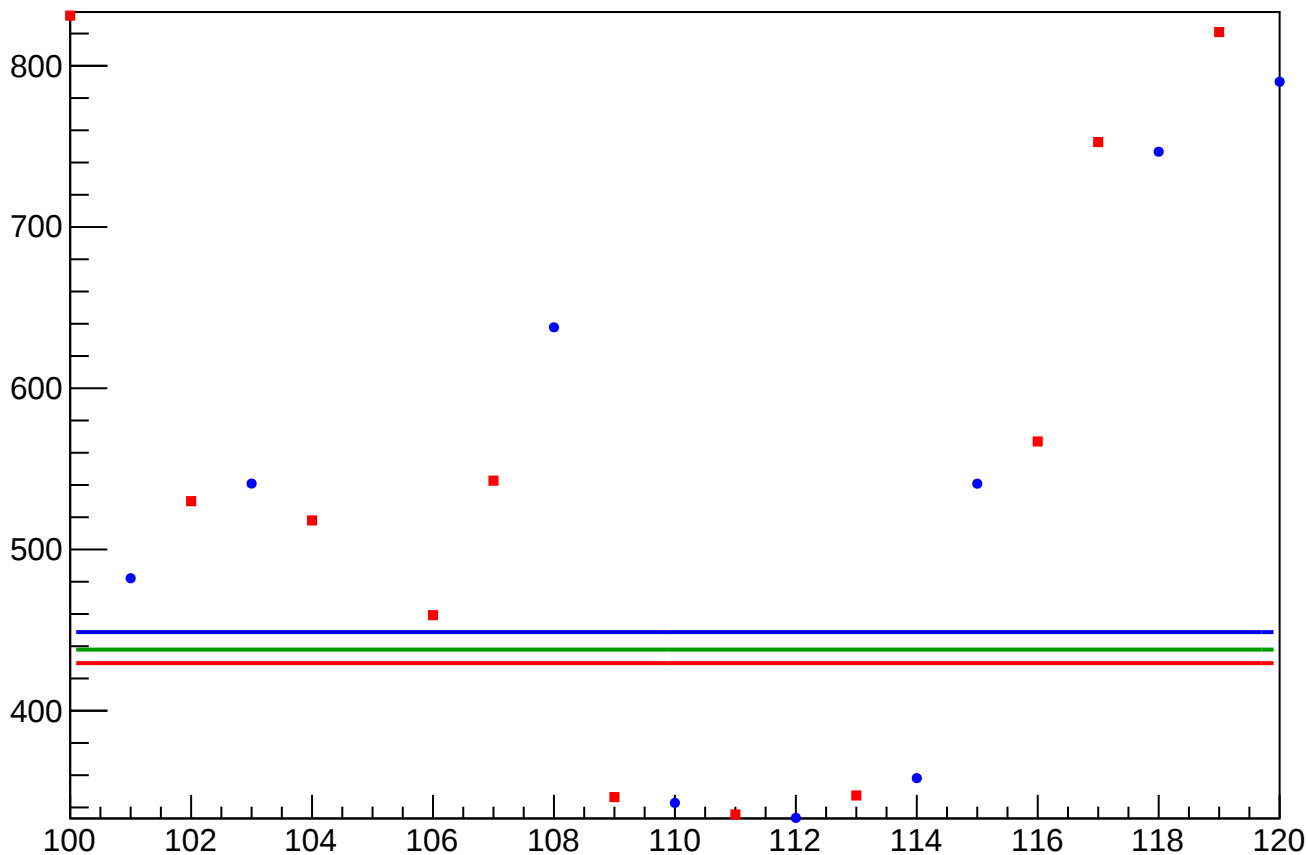
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.103+/-255.320 χ^2/NDF : 12.3/8

362.701+/-168.690 χ^2/NDF : 20.6/19

576.983+/-224.726 χ^2/NDF : 6.2/10

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 448.756+/-0.181 χ^2/NDF : 566918.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.504+/-0.159 χ^2/NDF : 589696.4/10

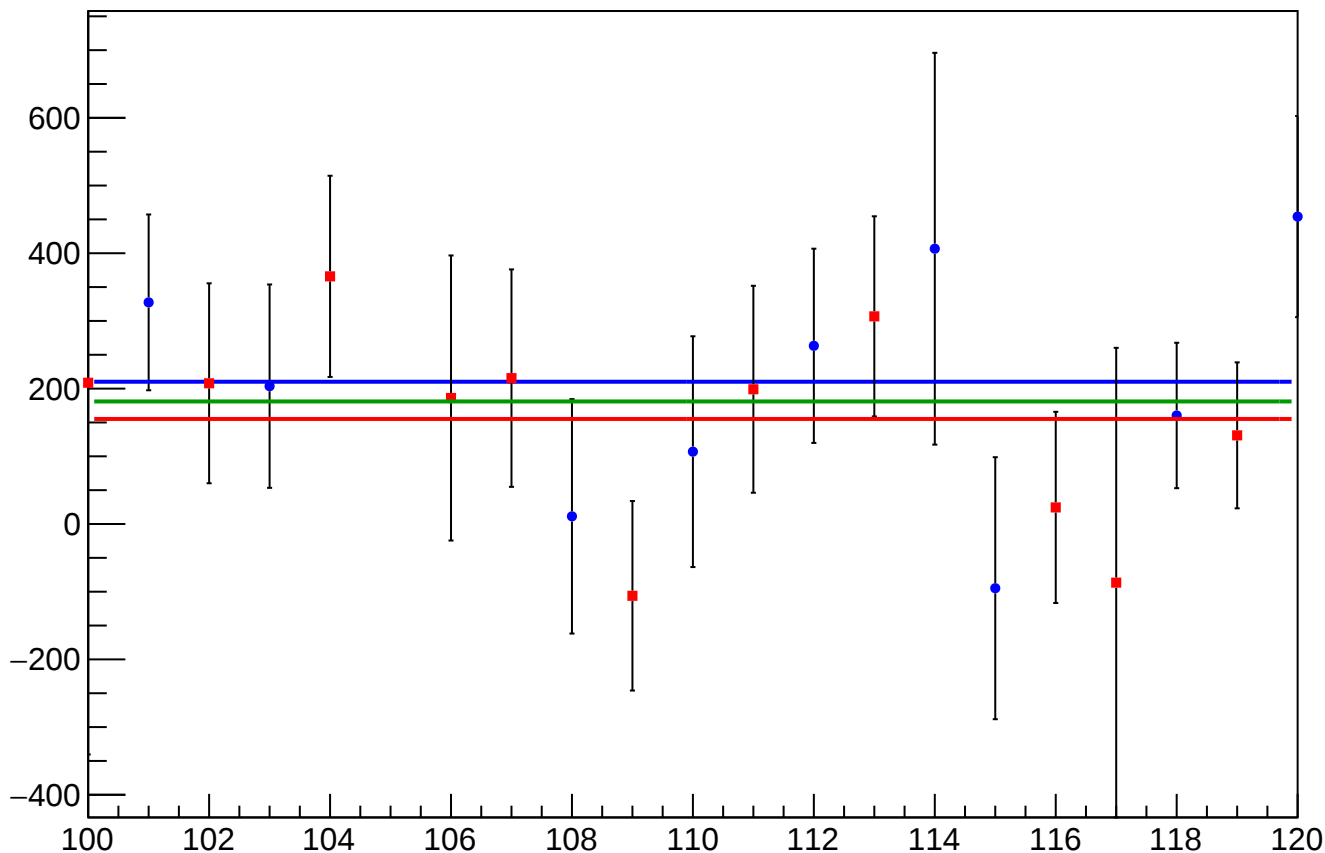
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

448.756+/-0.181 χ^2/NDF : 566918.8/8

437.908+/-0.119 χ^2/NDF : 1163023.0/19

429.504+/-0.159 χ^2/NDF : 589696.4/10

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 210.168 $\pm$ 50.598 χ^2 /NDF: 8.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.194 $\pm$ 47.684 χ^2 /NDF: 8.3/10

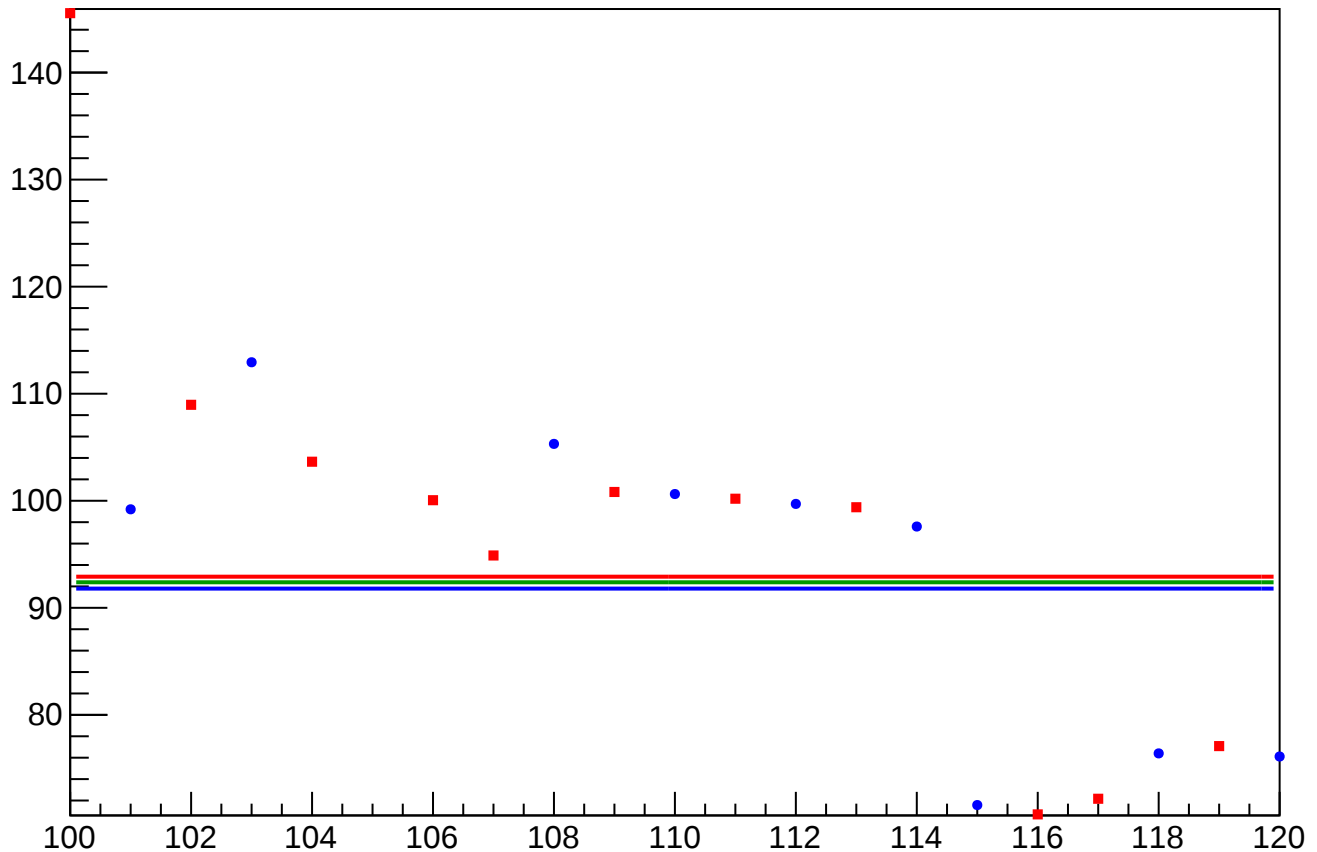
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

210.168 $\pm$ 50.598 χ^2 /NDF: 8.5/8

181.053 $\pm$ 34.702 χ^2 /NDF: 17.4/19

155.194 $\pm$ 47.684 χ^2 /NDF: 8.3/10

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 91.795+/-0.036 χ^2/NDF : 155773.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.909+/-0.034 χ^2/NDF : 169518.9/10

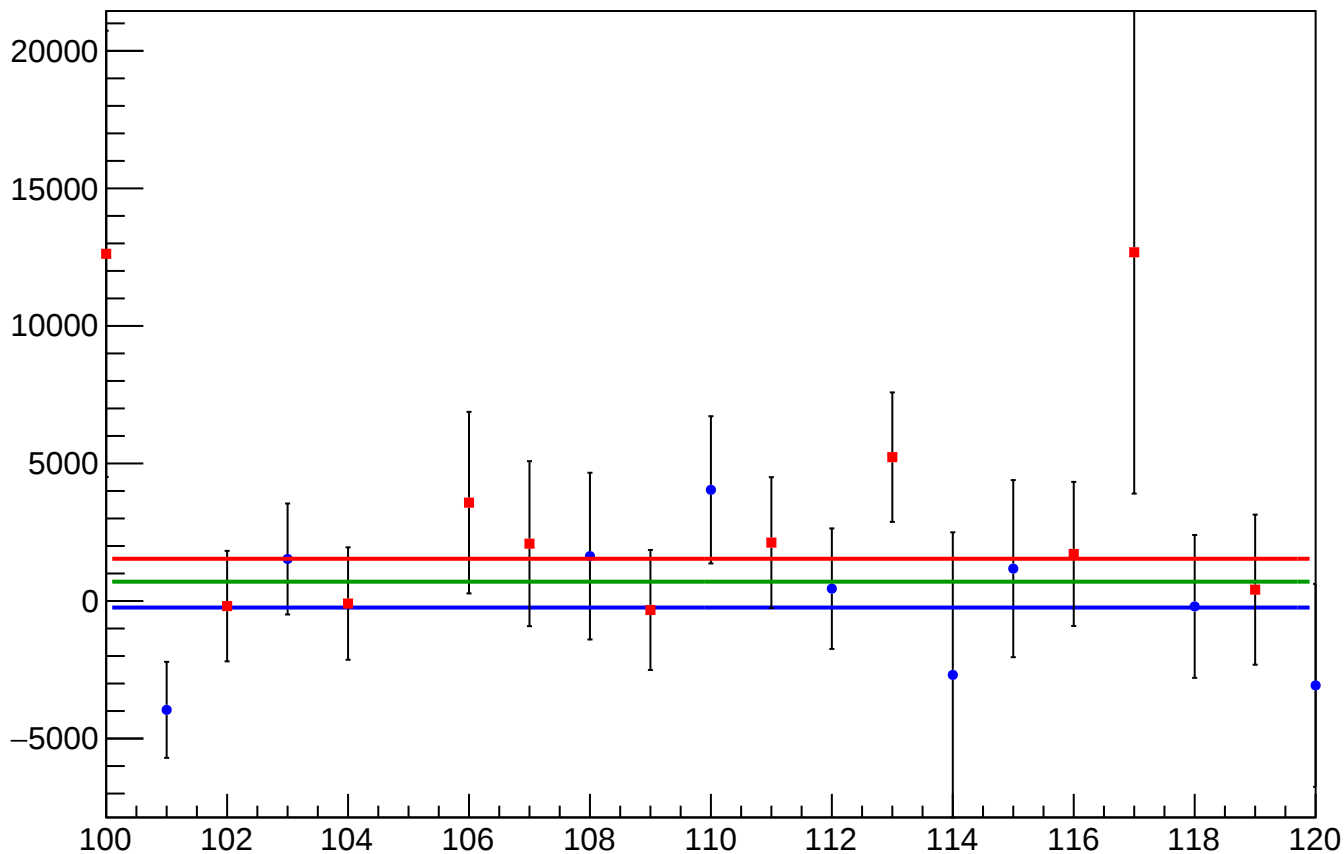
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.795+/-0.036 χ^2/NDF : 155773.0/8

92.385+/-0.025 χ^2/NDF : 325805.0/19

92.909+/-0.034 χ^2/NDF : 169518.9/10

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -238.014+/-849.347 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1535.457+/-799.201 χ^2/NDF : 8.7/10

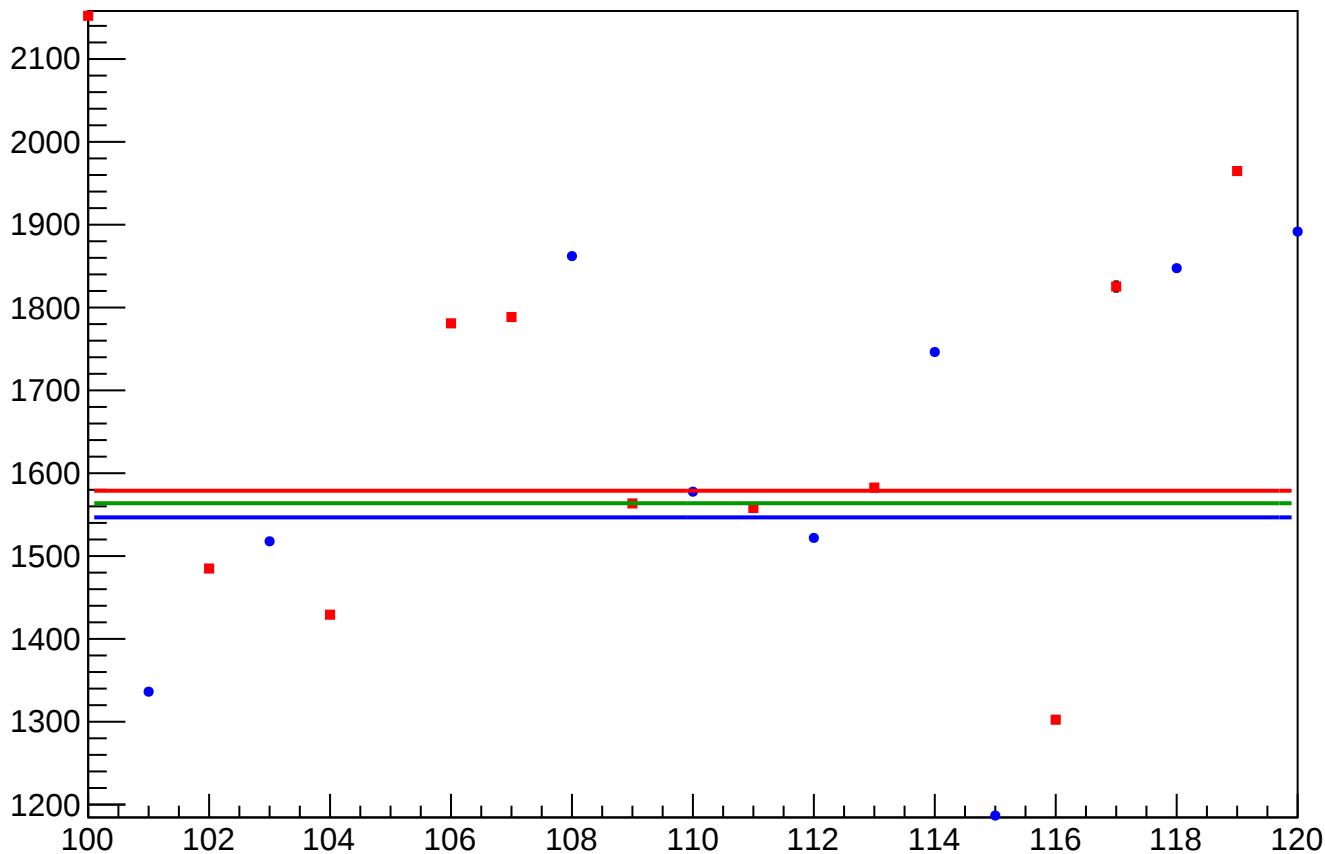
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-238.014+/-849.347 χ^2/NDF : 9.3/8

702.617+/-582.041 χ^2/NDF : 20.3/19

1535.457+/-799.201 χ^2/NDF : 8.7/10

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1546.705 ± 0.601 χ^2/NDF : 123974.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1578.855 ± 0.565 χ^2/NDF : 106453.7/10

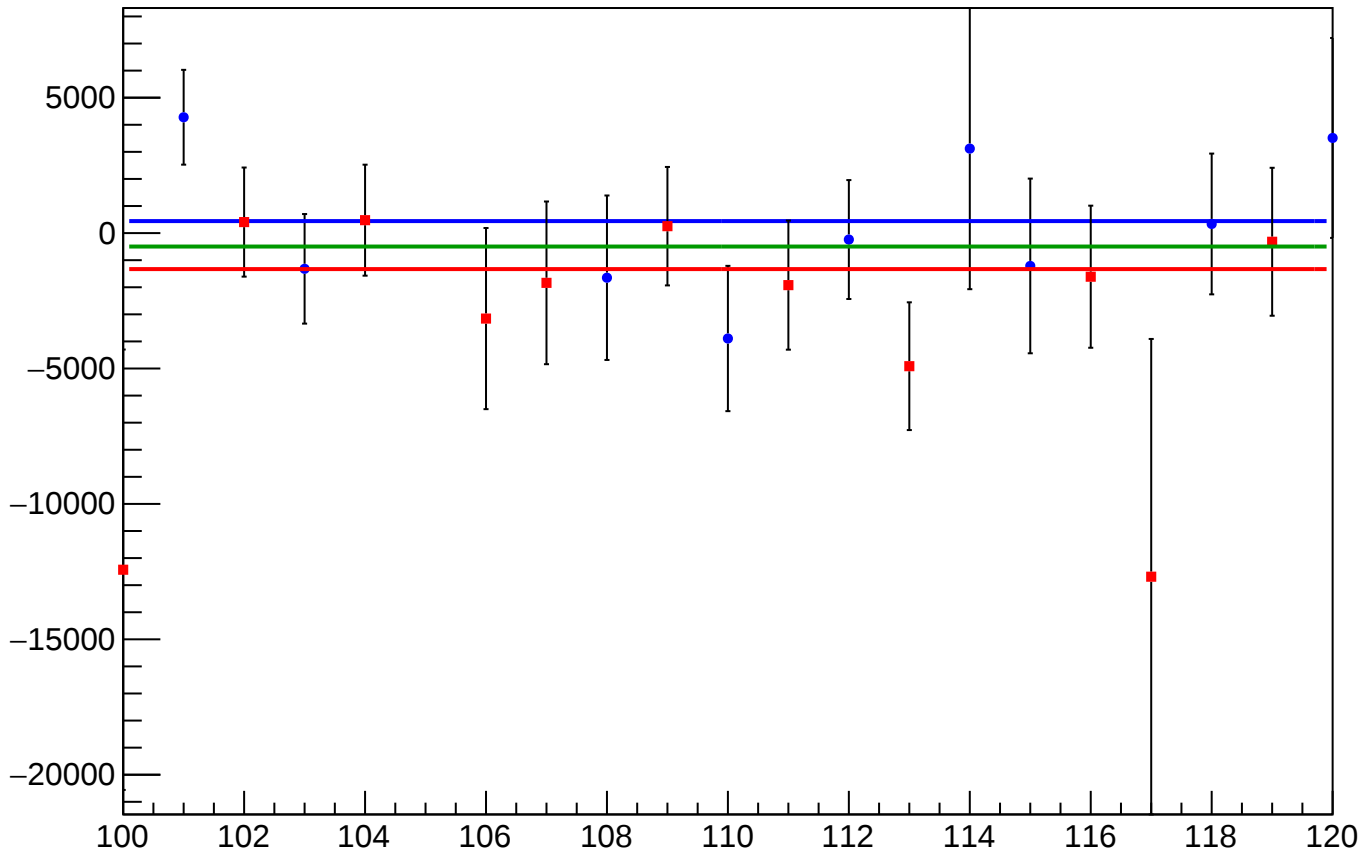
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1546.705 ± 0.601 χ^2/NDF : 123974.1/8

1563.757 ± 0.412 χ^2/NDF : 231947.8/19

1578.855 ± 0.565 χ^2/NDF : 106453.7/10

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 443.356+/-851.172 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1329.110+/-801.384 χ^2/NDF : 8.4/10

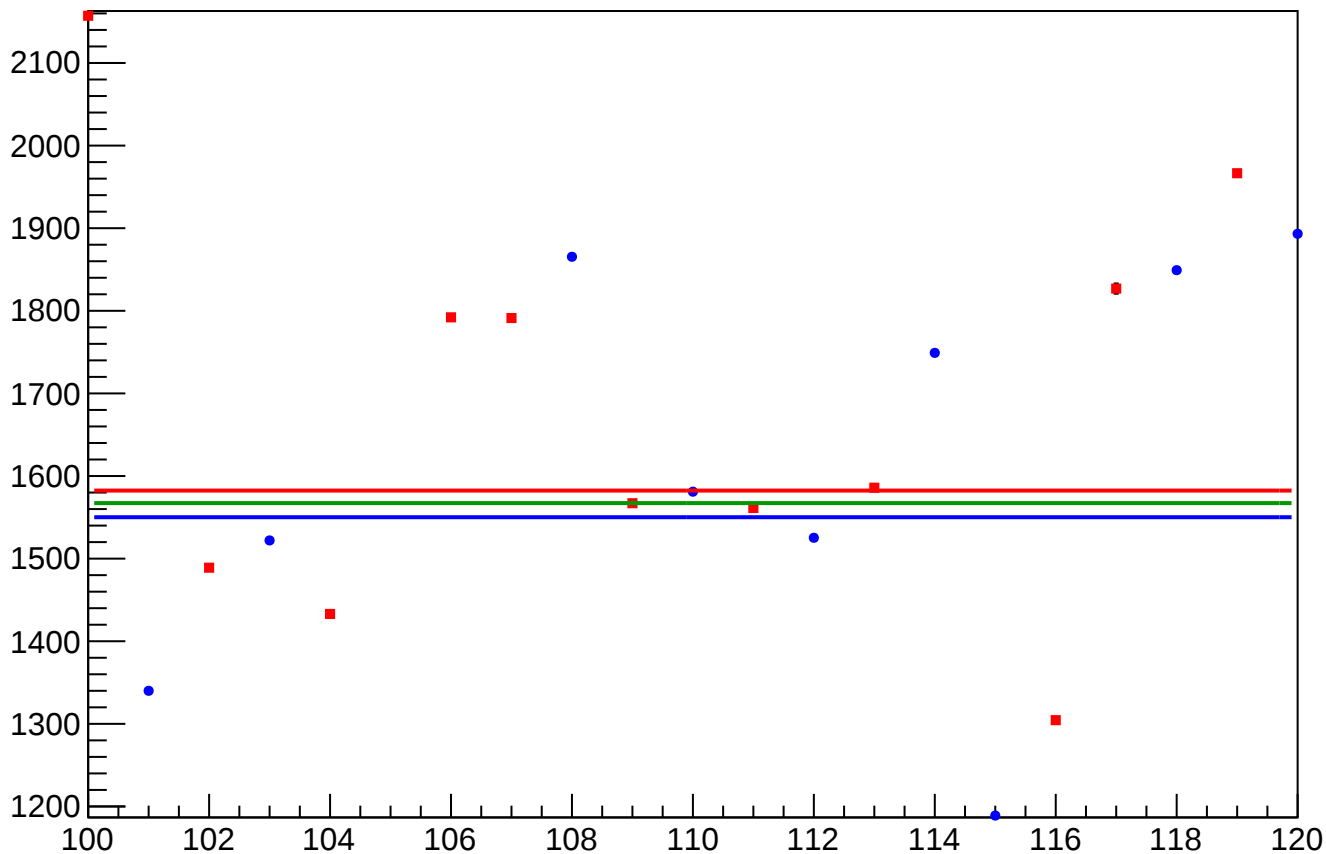
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

443.356+/-851.172 χ^2/NDF : 10.0/8

-496.229+/-583.472 χ^2/NDF : 20.7/19

-1329.110+/-801.384 χ^2/NDF : 8.4/10

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1550.141 ± 0.602 $\chi^2/\text{NDF}: 123069.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1582.393 ± 0.567 $\chi^2/\text{NDF}: 106264.4/10$

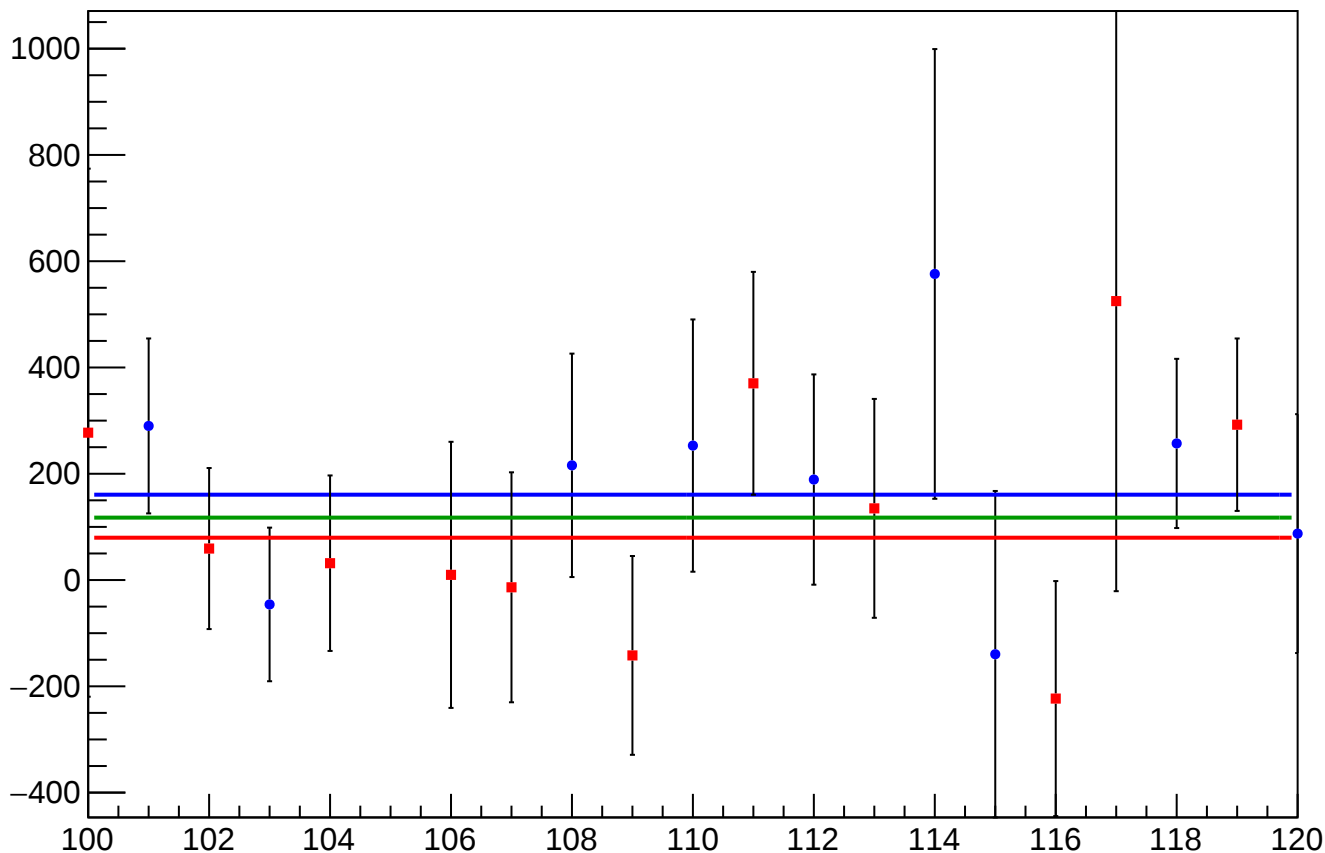
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1550.141 ± 0.602 $\chi^2/\text{NDF}: 123069.7/8$

1567.238 ± 0.413 $\chi^2/\text{NDF}: 230856.2/19$

1582.393 ± 0.567 $\chi^2/\text{NDF}: 106264.4/10$

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.629 $\pm$ 66.504 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.670 $\pm$ 62.228 χ^2 /NDF: 8.2/10

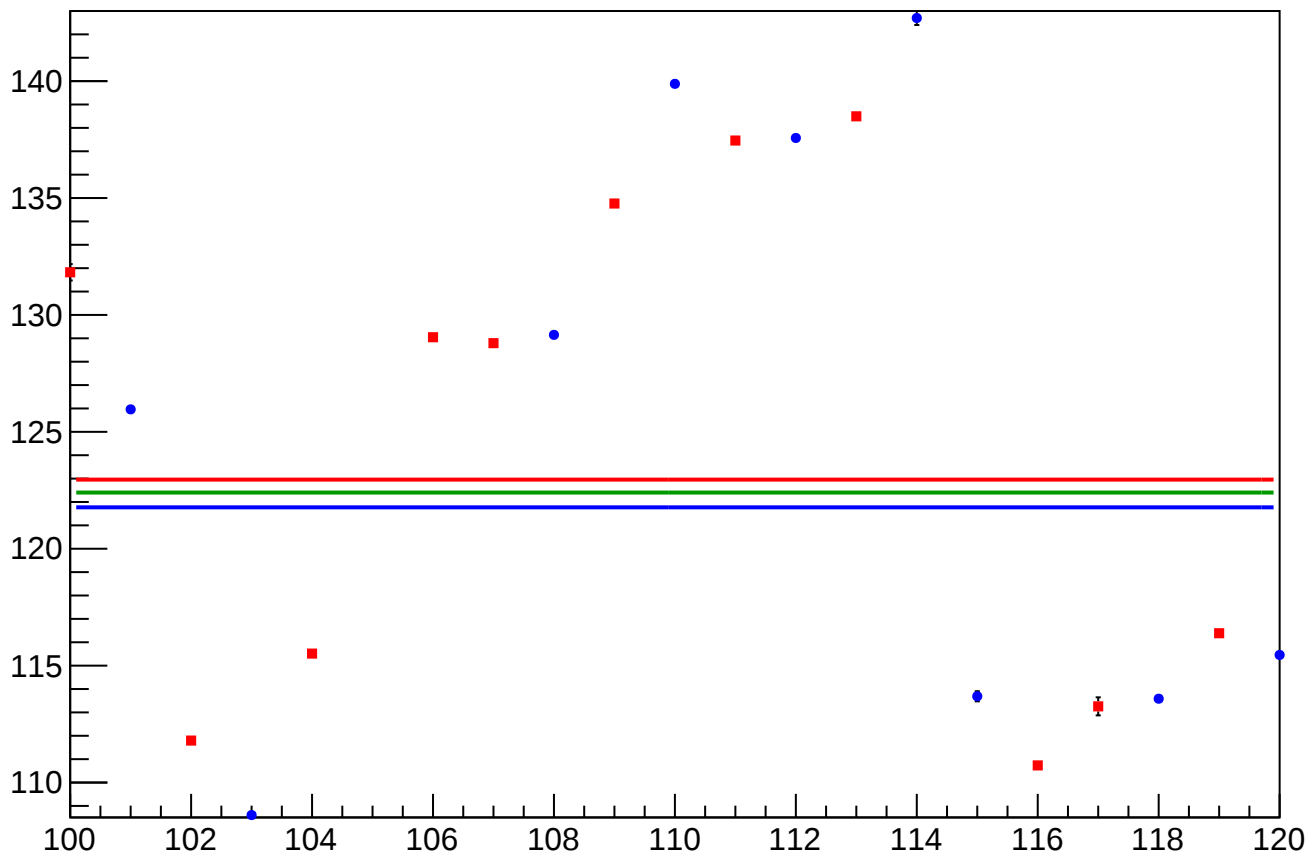
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

160.629 $\pm$ 66.504 χ^2 /NDF: 5.3/8

117.464 $\pm$ 45.438 χ^2 /NDF: 14.3/19

79.670 $\pm$ 62.228 χ^2 /NDF: 8.2/10

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.771+/-0.047 χ^2/NDF : 57874.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.957+/-0.044 χ^2/NDF : 57120.9/10

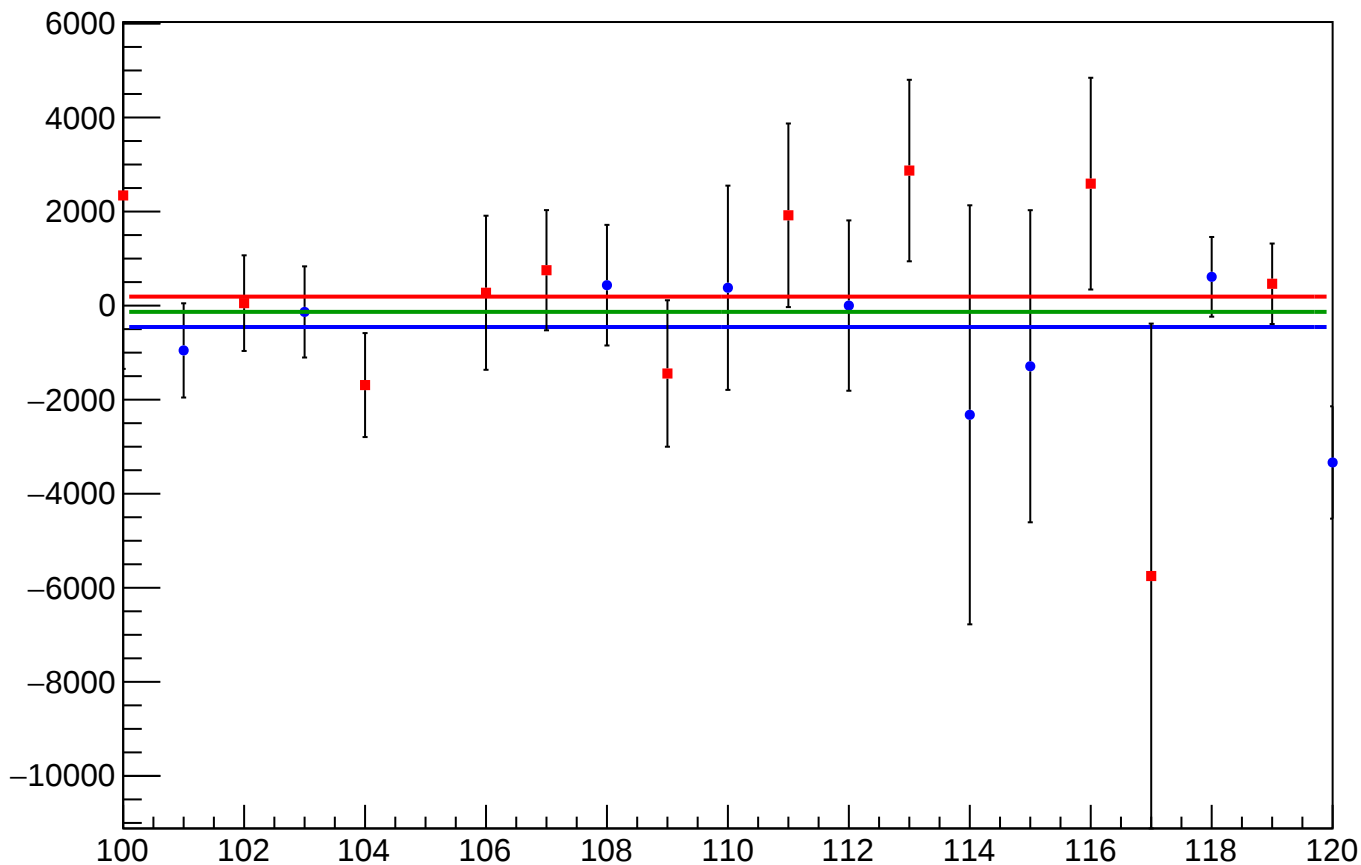
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

121.771+/-0.047 χ^2/NDF : 57874.5/8

122.403+/-0.032 χ^2/NDF : 115334.6/19

122.957+/-0.044 χ^2/NDF : 57120.9/10

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -455.101+/-429.530 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 191.248+/-430.910 χ^2/NDF : 9.7/10

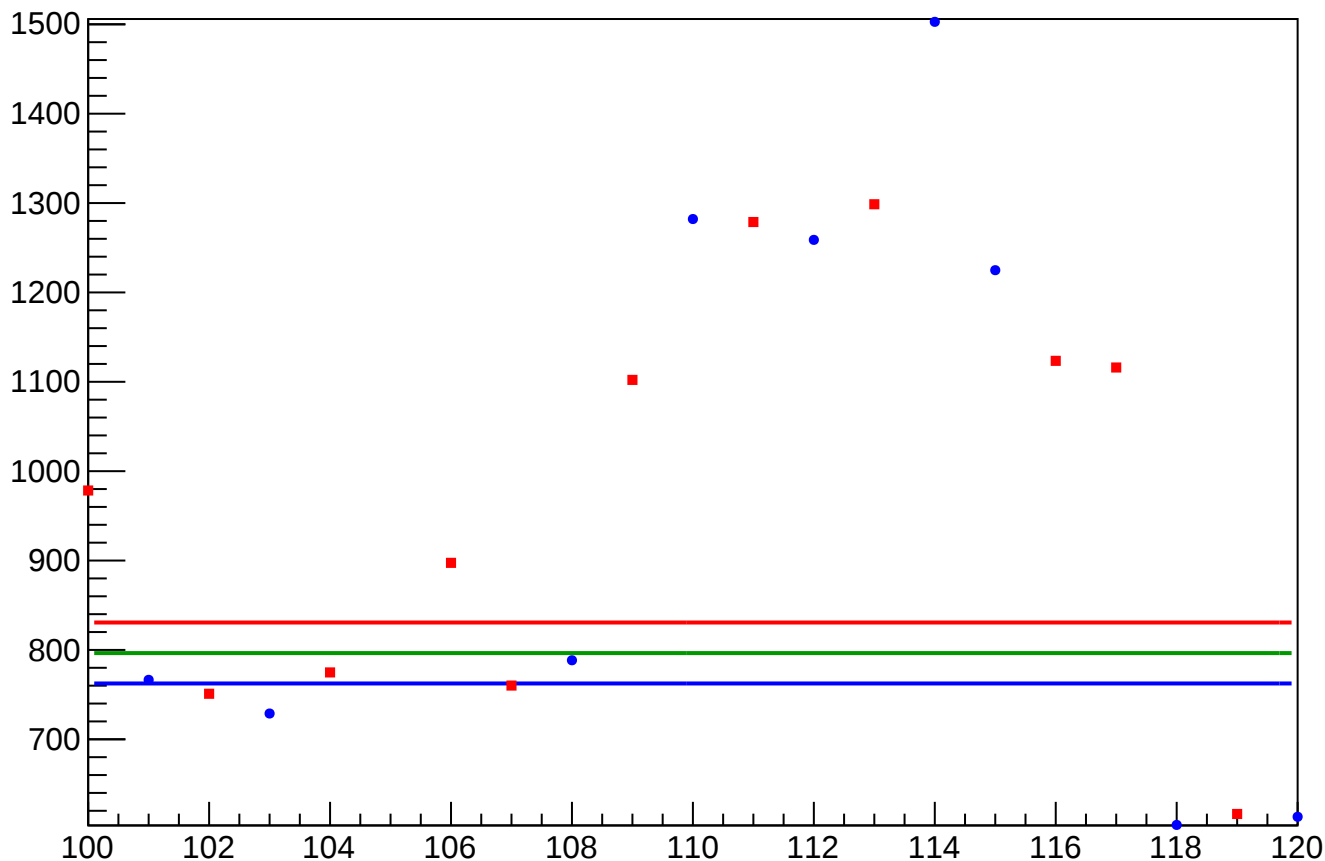
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-455.101+/-429.530 χ^2/NDF : 8.7/8

-132.963+/-304.210 χ^2/NDF : 19.5/19

191.248+/-430.910 χ^2/NDF : 9.7/10

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 762.462+/-0.304 χ^2/NDF : 463023.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 830.673+/-0.305 χ^2/NDF : 478722.1/10

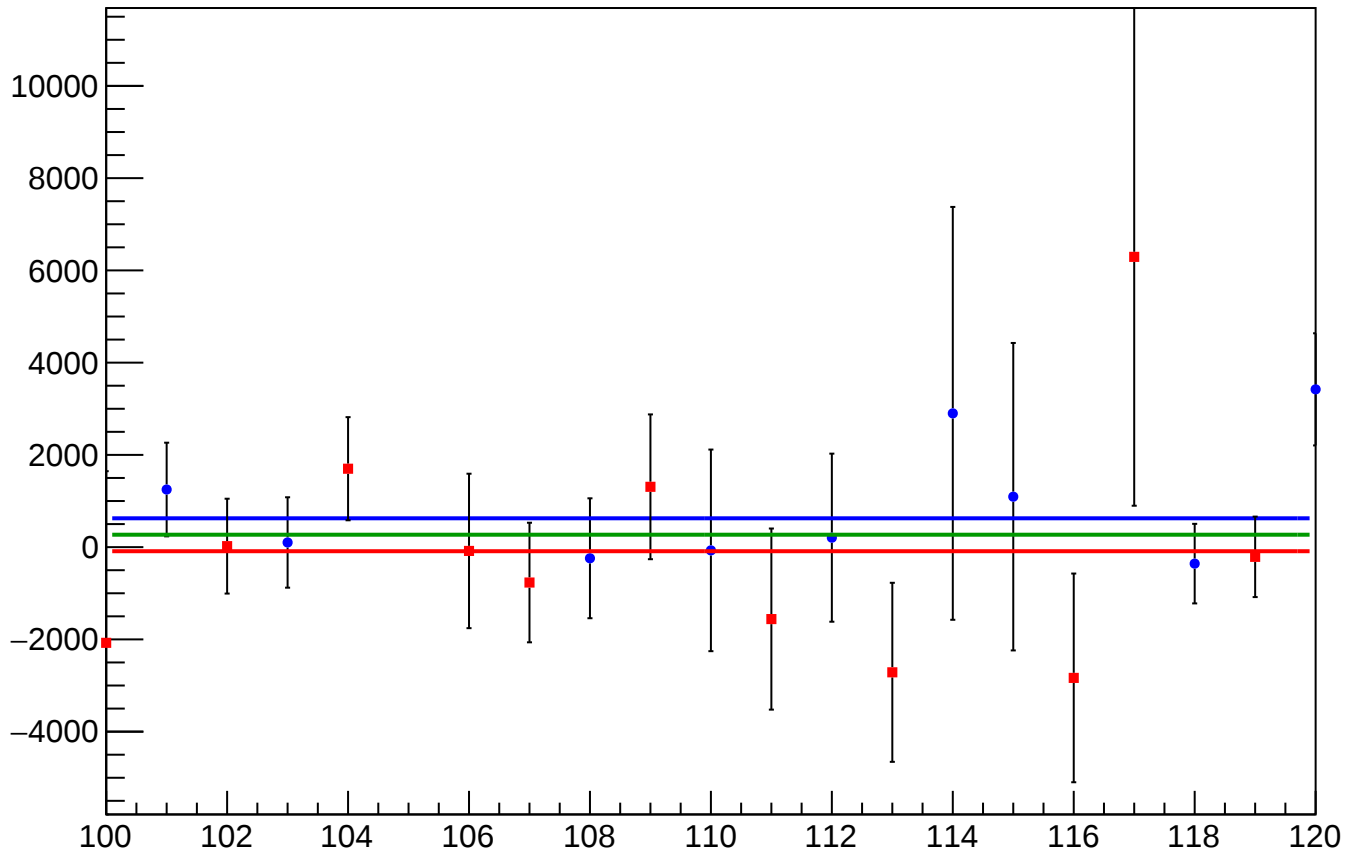
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

762.462+/-0.304 χ^2/NDF : 463023.9/8

796.458+/-0.215 χ^2/NDF : 966884.0/19

830.673+/-0.305 χ^2/NDF : 478722.1/10

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 625.435+/-435.422 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.259+/-436.674 χ^2/NDF : 9.2/10

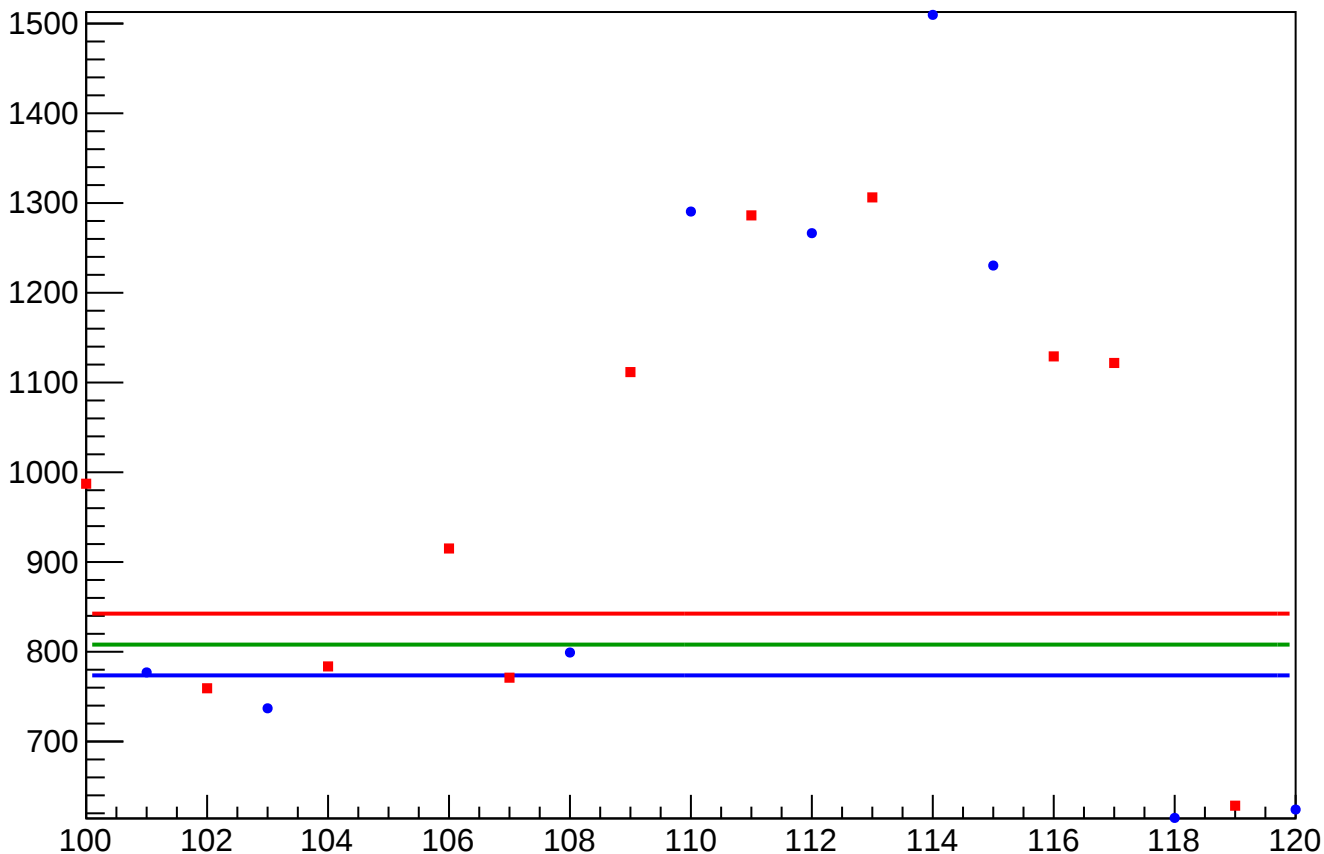
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

625.435+/-435.422 χ^2/NDF : 8.1/8

269.612+/-308.332 χ^2/NDF : 18.7/19

-88.259+/-436.674 χ^2/NDF : 9.2/10

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 773.667 ± 0.308 χ^2/NDF : 451412.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 842.493 ± 0.309 χ^2/NDF : 464445.7/10

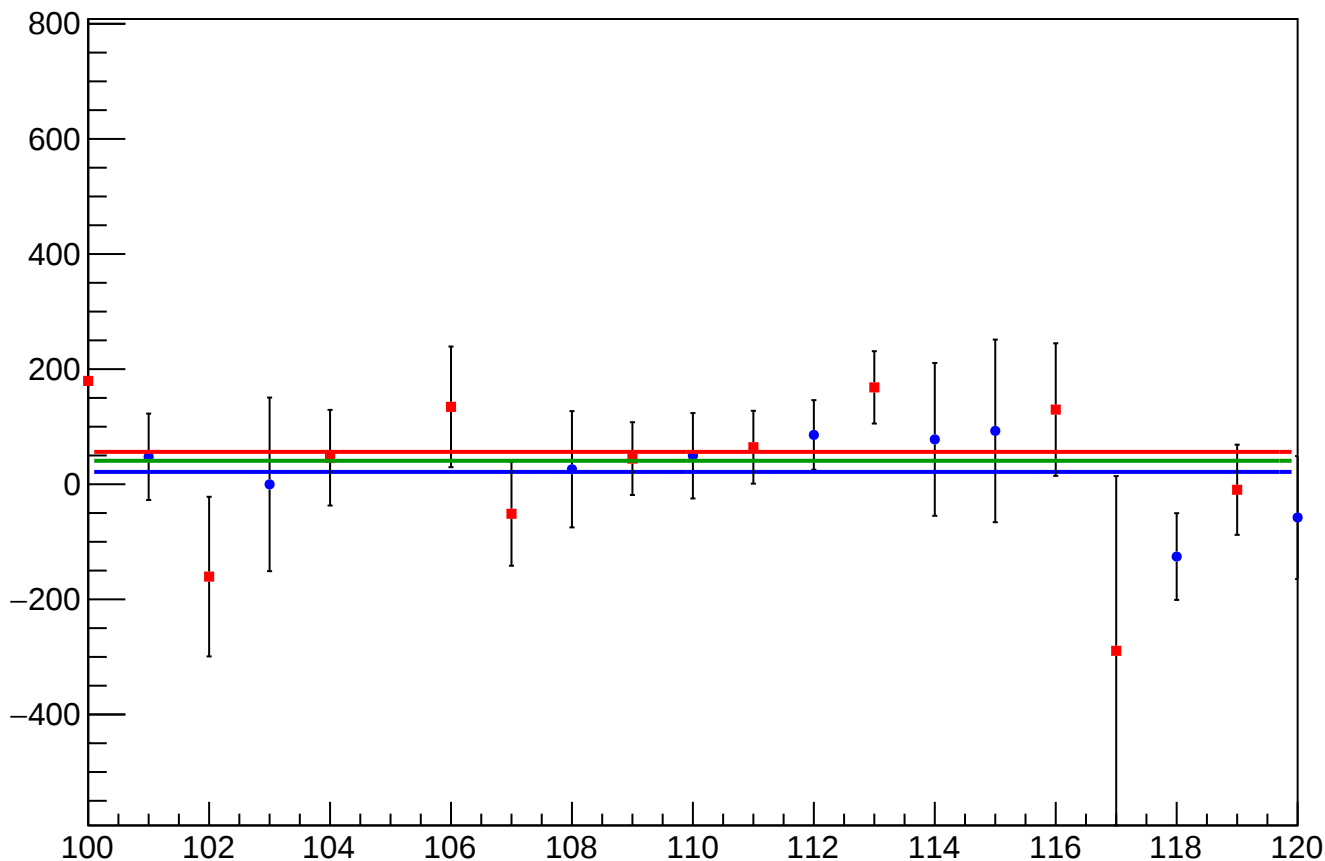
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

773.667 ± 0.308 χ^2/NDF : 451412.4/8

807.981 ± 0.218 χ^2/NDF : 940771.7/19

842.493 ± 0.309 χ^2/NDF : 464445.7/10

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 21.444+/-29.681 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.267+/-26.586 χ^2/NDF : 10.1/10

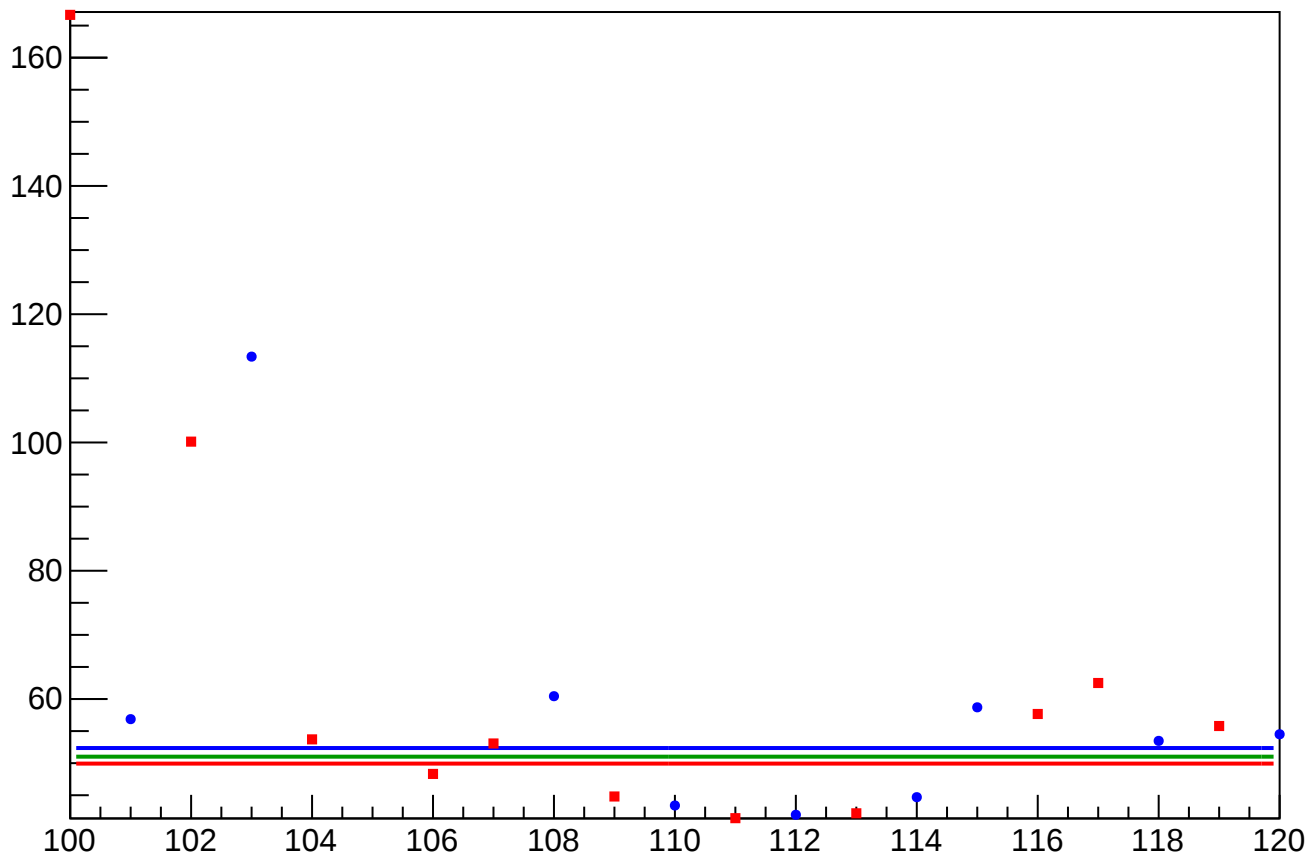
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.444+/-29.681 χ^2/NDF : 6.2/8

40.765+/-19.803 χ^2/NDF : 17.0/19

56.267+/-26.586 χ^2/NDF : 10.1/10

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 52.359+/-0.021 χ^2/NDF : 447204.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.930+/-0.019 χ^2/NDF : 441348.0/10

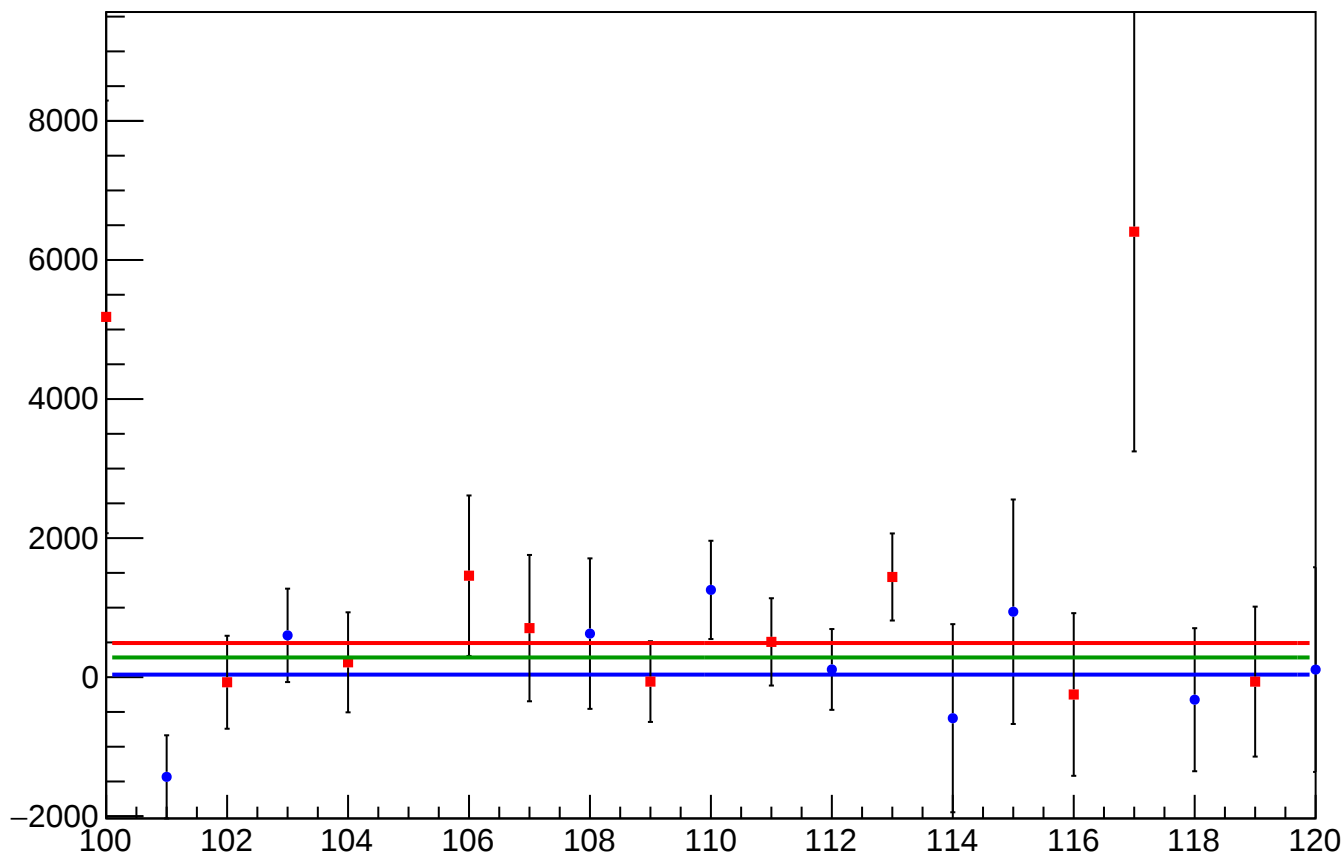
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.359+/-0.021 χ^2/NDF : 447204.5/8

51.011+/-0.014 χ^2/NDF : 895981.4/19

49.930+/-0.019 χ^2/NDF : 441348.0/10

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.929+/-275.584 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.101+/-252.580 χ^2/NDF : 11.3/10

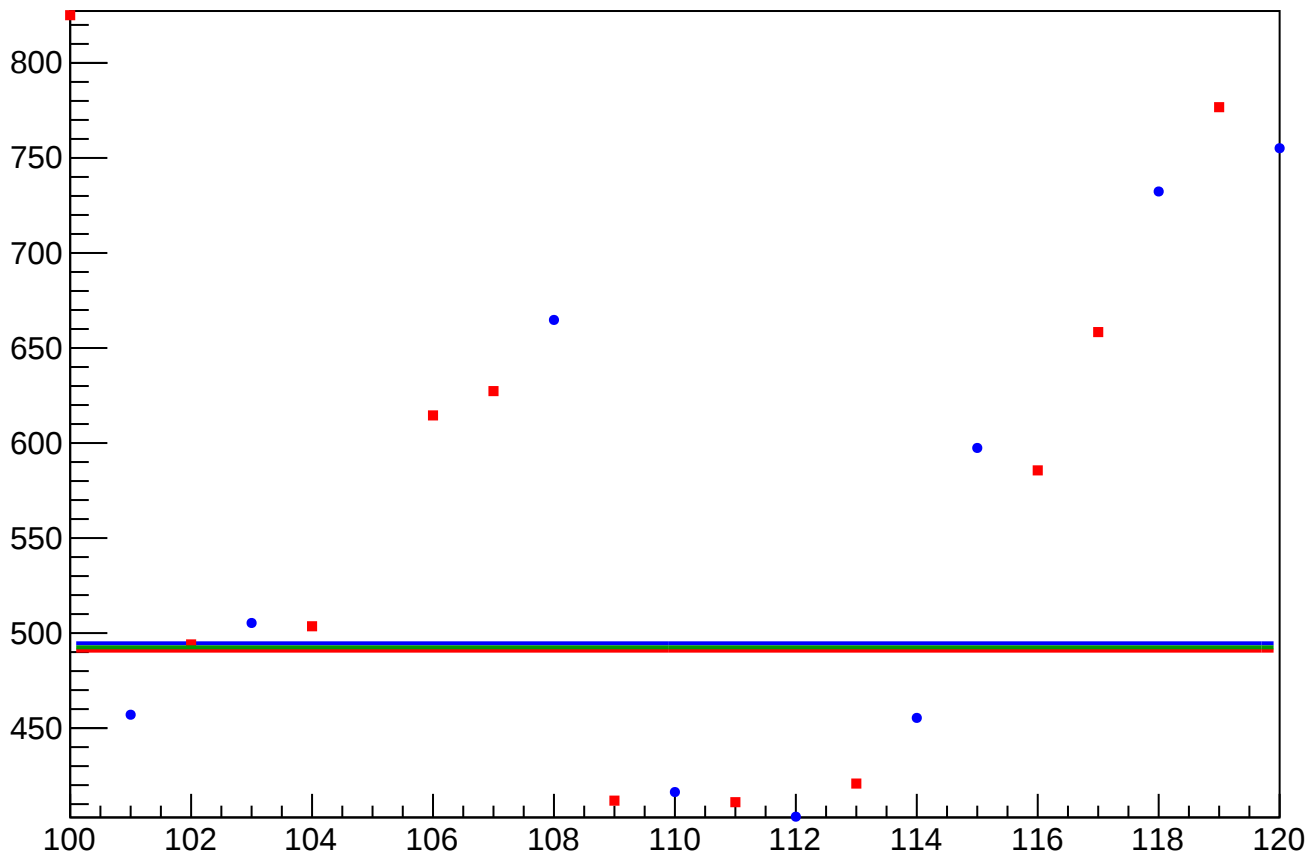
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.929+/-275.584 χ^2/NDF : 10.7/8

283.758+/-186.203 χ^2/NDF : 23.4/19

491.101+/-252.580 χ^2/NDF : 11.3/10

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 494.613 $\pm$ 0.195 χ^2 /NDF: 310929.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 490.760 $\pm$ 0.179 χ^2 /NDF: 334088.8/10

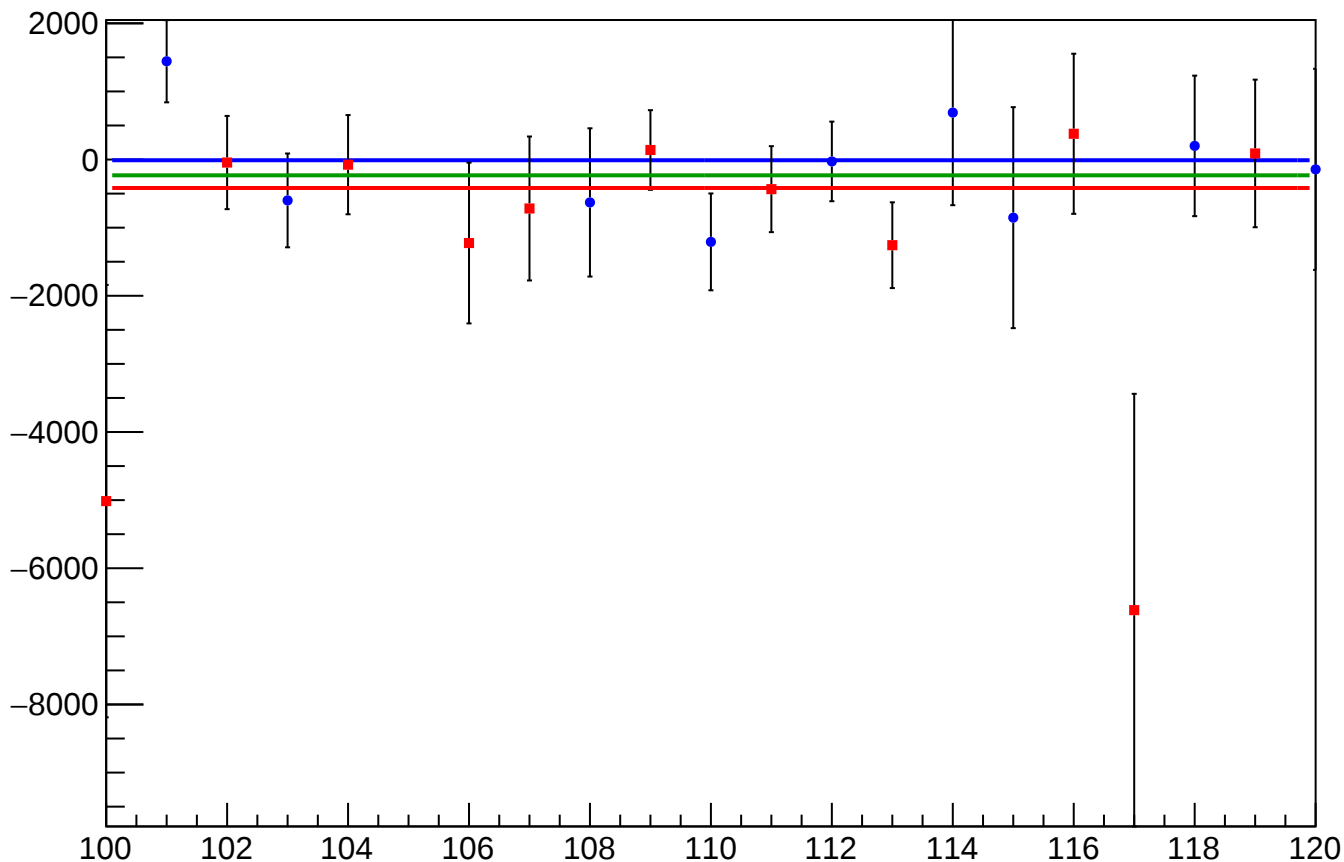
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

494.613 $\pm$ 0.195 χ^2 /NDF: 310929.3/8

492.519 $\pm$ 0.132 χ^2 /NDF: 645230.5/19

490.760 $\pm$ 0.179 χ^2 /NDF: 334088.8/10

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -10.178 ± 278.108 χ^2/NDF : 10.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -417.452 ± 255.080 χ^2/NDF : 10.3/10

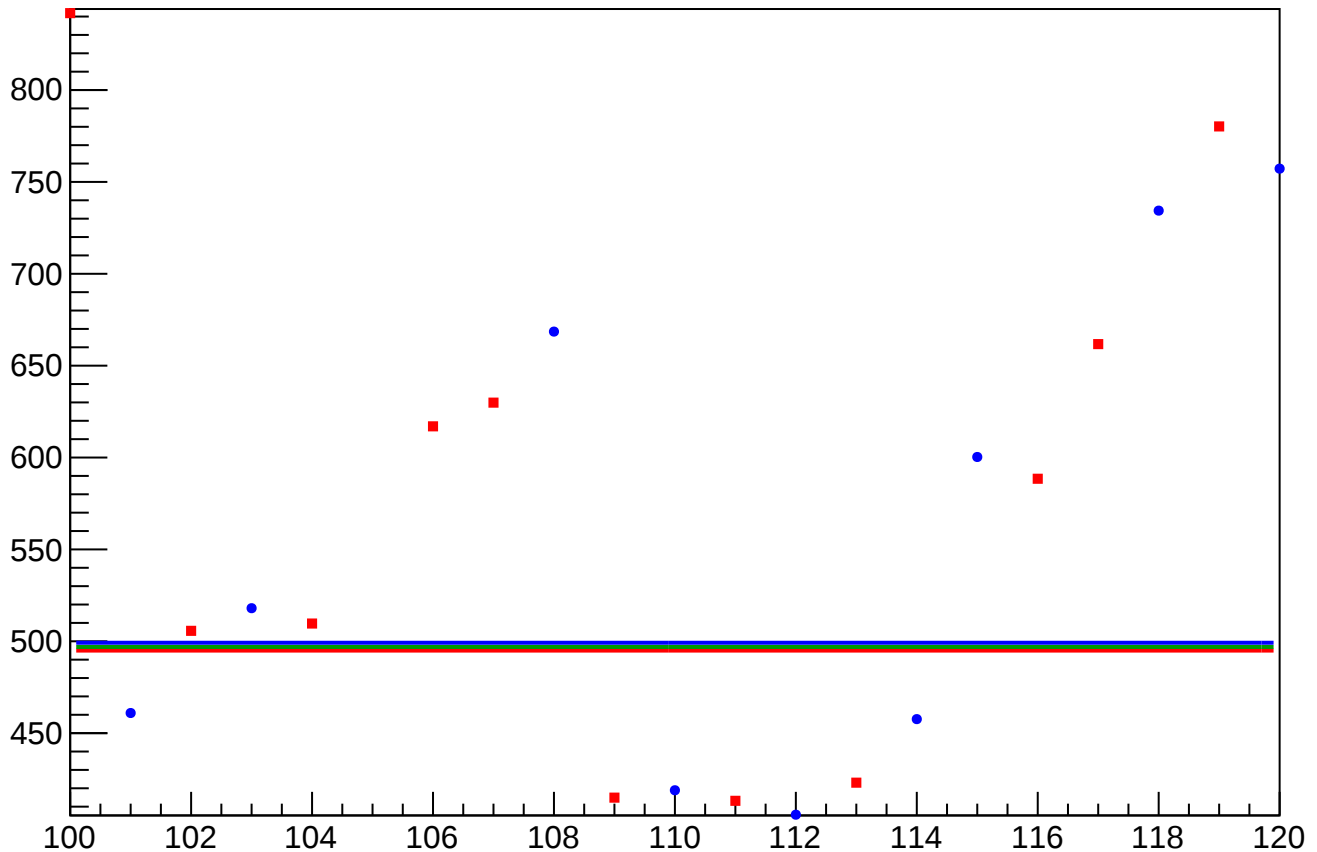
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.178 ± 278.108 χ^2/NDF : 10.3/8

-231.372 ± 187.984 χ^2/NDF : 21.8/19

-417.452 ± 255.080 χ^2/NDF : 10.3/10

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 499.203+/-0.197 χ^2/NDF : 309450.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.942+/-0.180 χ^2/NDF : 333201.1/10

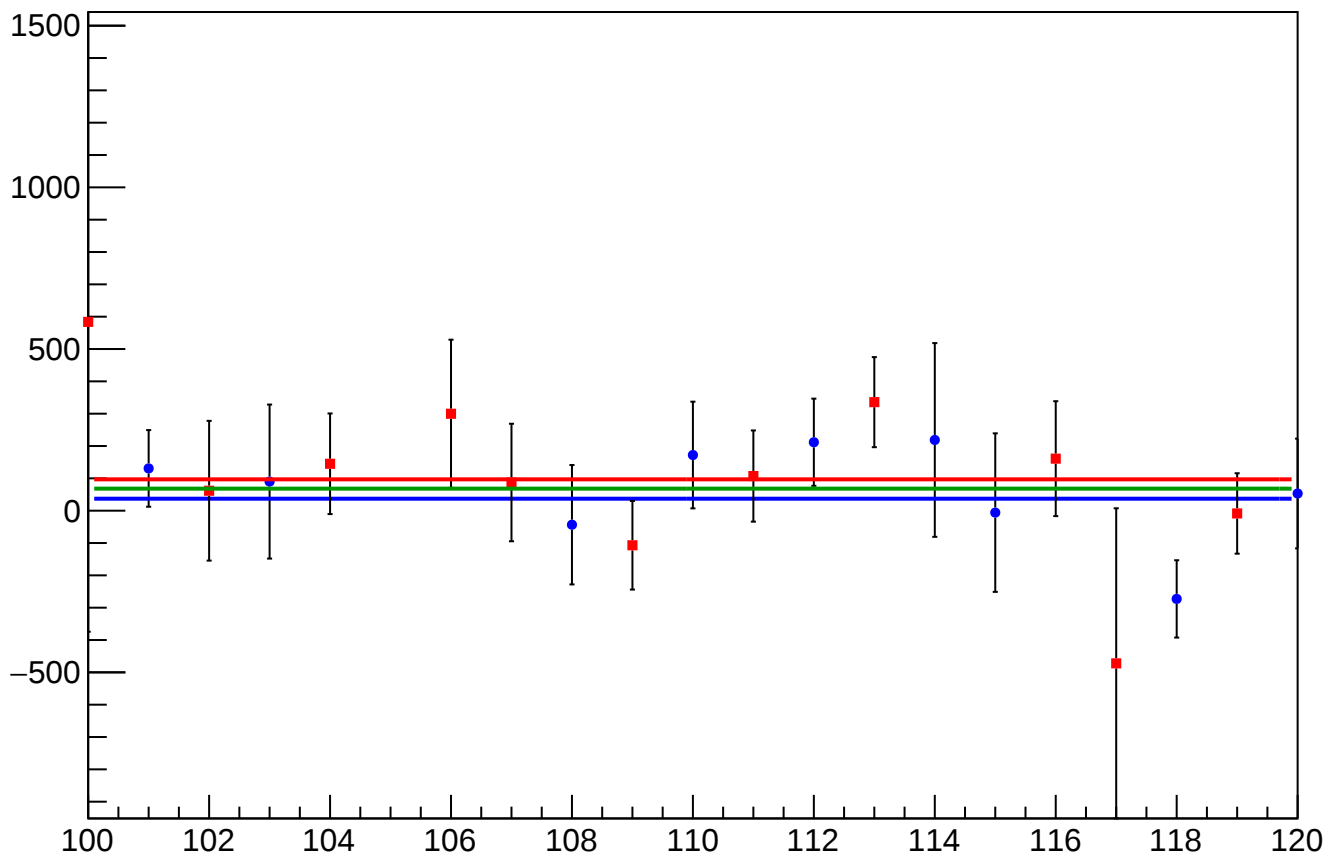
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

499.203+/-0.197 χ^2/NDF : 309450.0/8

496.889+/-0.133 χ^2/NDF : 642906.1/19

494.942+/-0.180 χ^2/NDF : 333201.1/10

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 37.052+/-54.052 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.989+/-52.064 χ^2/NDF : 8.6/10

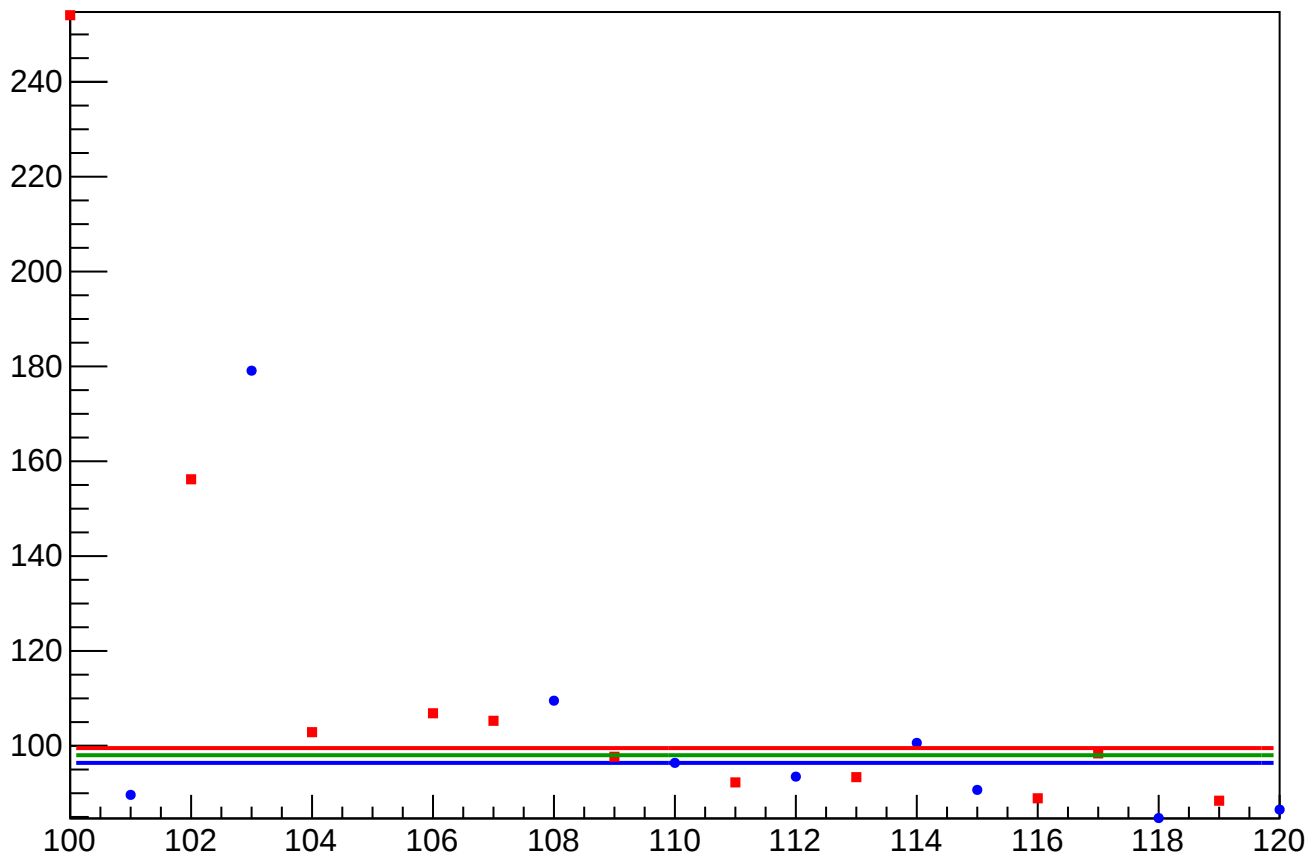
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.052+/-54.052 χ^2/NDF : 10.3/8

68.142+/-37.498 χ^2/NDF : 19.6/19

96.989+/-52.064 χ^2/NDF : 8.6/10

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 96.400+/-0.038 χ^2/NDF : 285697.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.522+/-0.037 χ^2/NDF : 227075.8/10

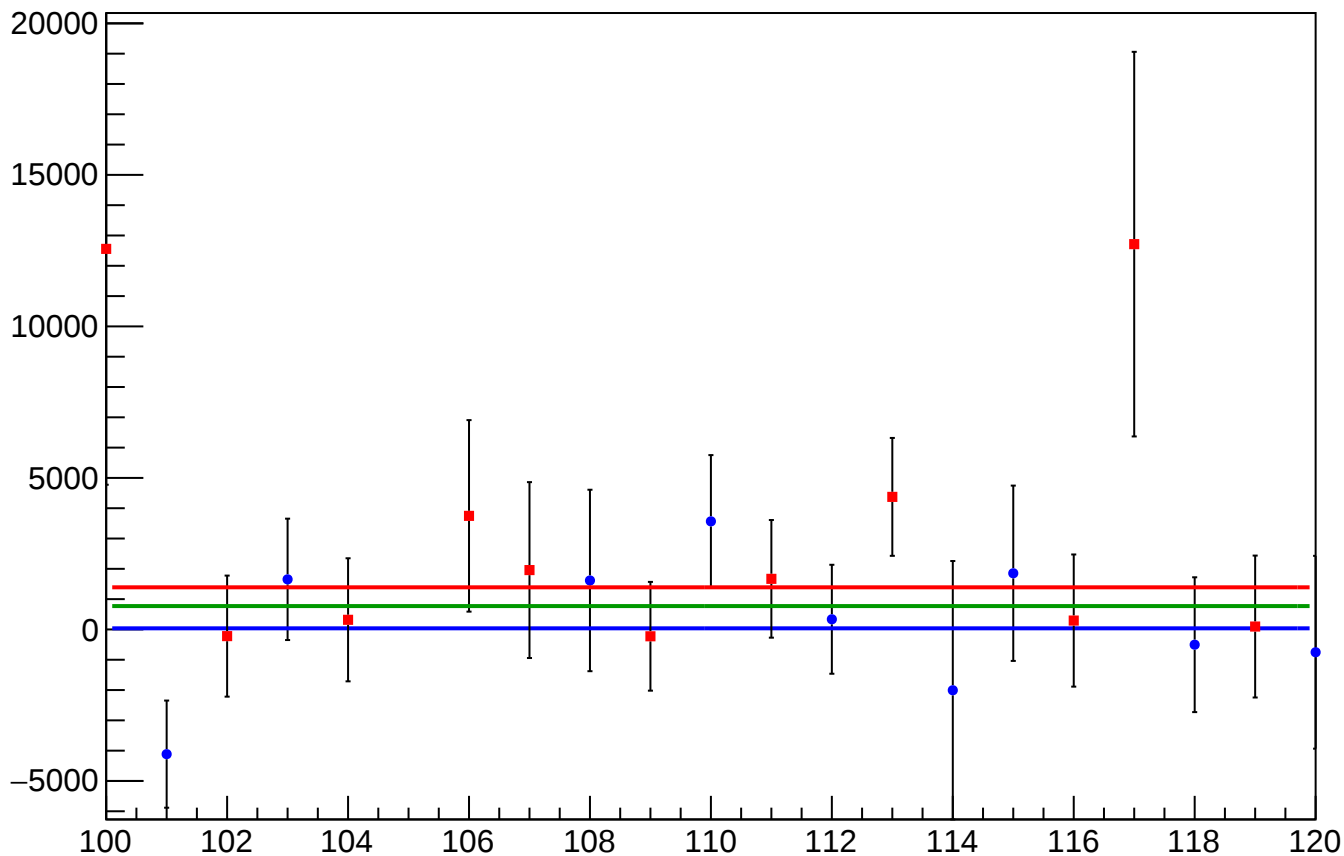
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.400+/-0.038 χ^2/NDF : 285697.0/8

98.019+/-0.027 χ^2/NDF : 516235.0/19

99.522+/-0.037 χ^2/NDF : 227075.8/10

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.760+/-772.729 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.079+/-709.557 χ^2/NDF : 10.5/10

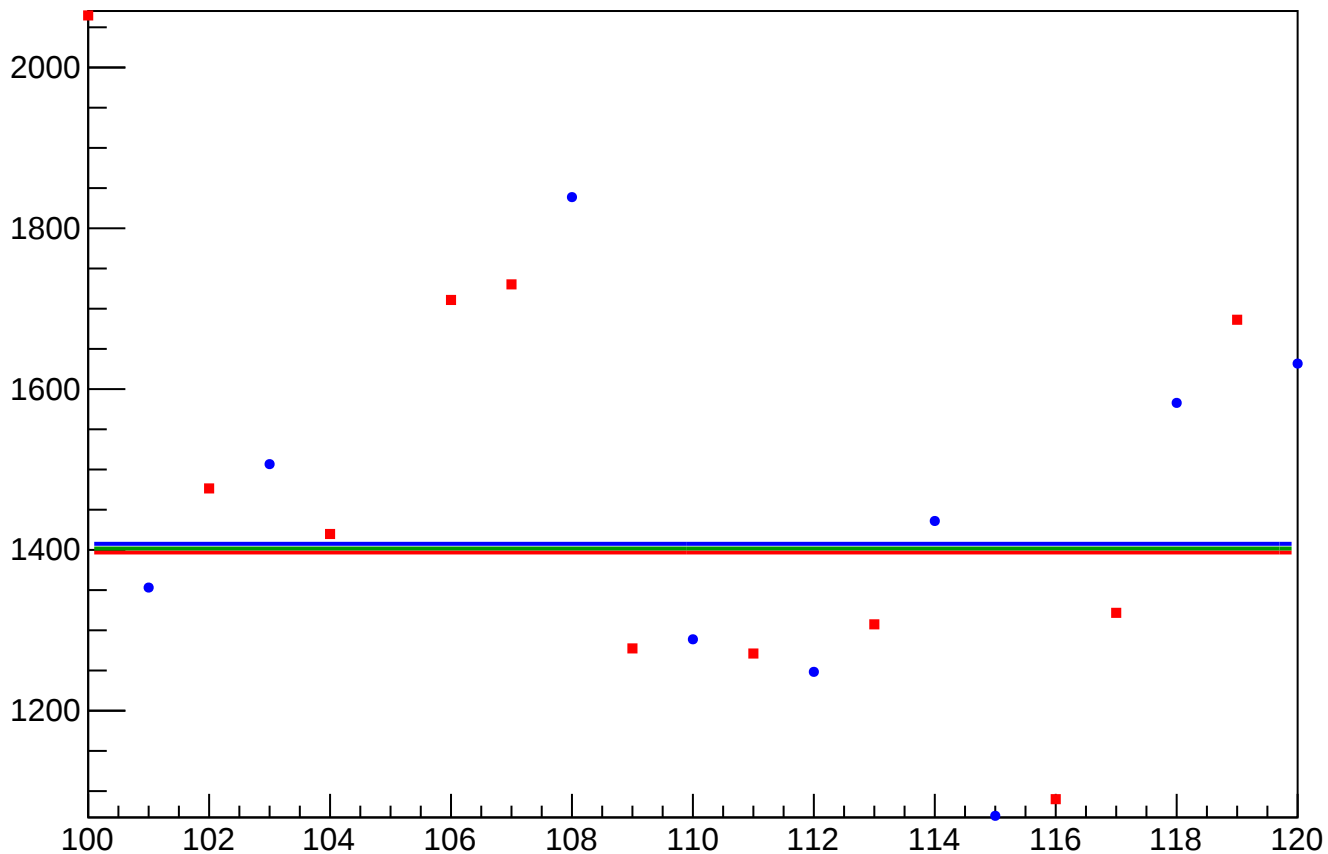
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.760+/-772.729 χ^2/NDF : 9.8/8

770.991+/-522.641 χ^2/NDF : 22.0/19

1390.079+/-709.557 χ^2/NDF : 10.5/10

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1407.580+/-0.546 χ^2/NDF : 119665.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.798+/-0.502 χ^2/NDF : 156209.9/10

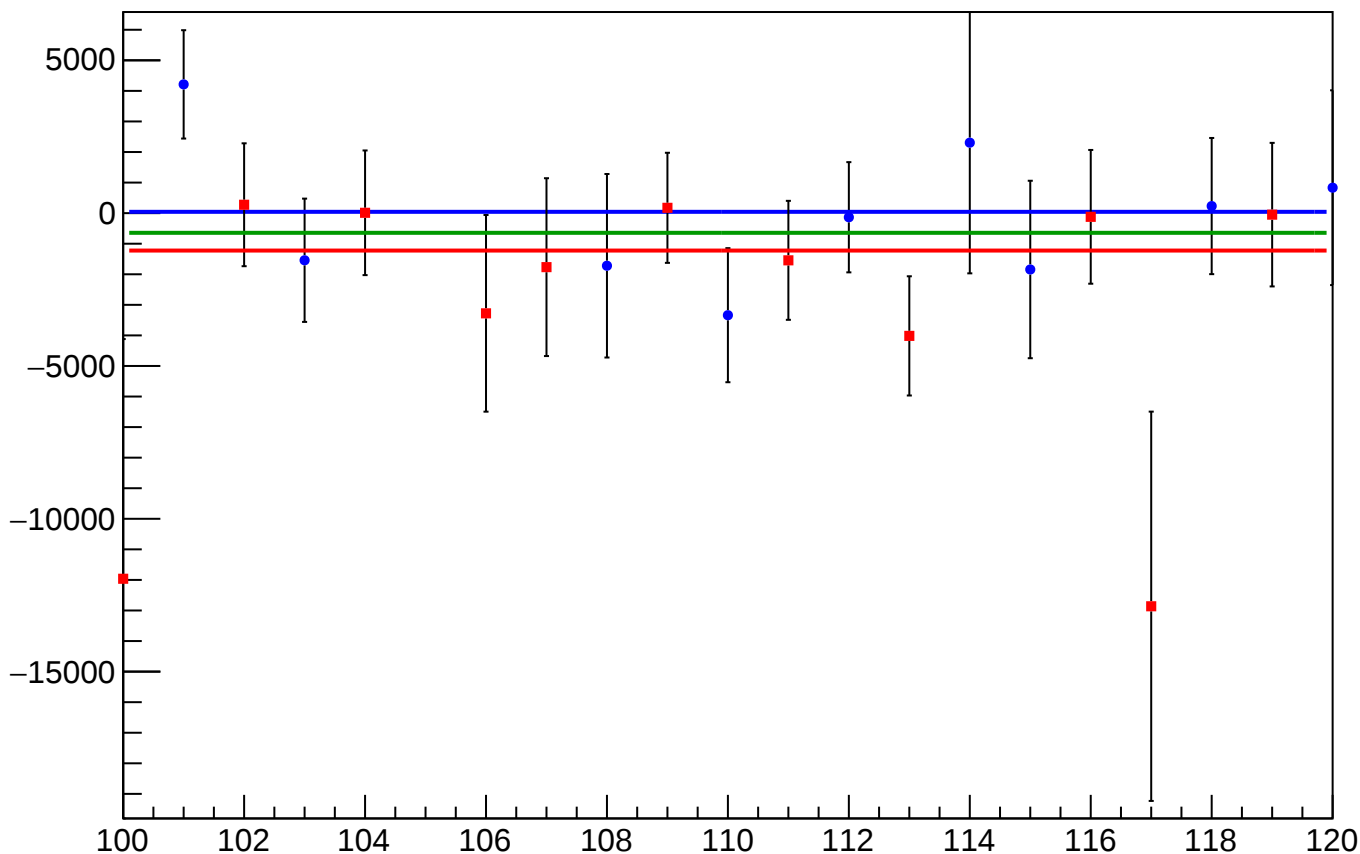
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1407.580+/-0.546 χ^2/NDF : 119665.9/8

1401.730+/-0.370 χ^2/NDF : 276087.1/19

1396.798+/-0.502 χ^2/NDF : 156209.9/10

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 43.255+/-775.242 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1223.845+/-712.644 χ^2/NDF : 9.8/10

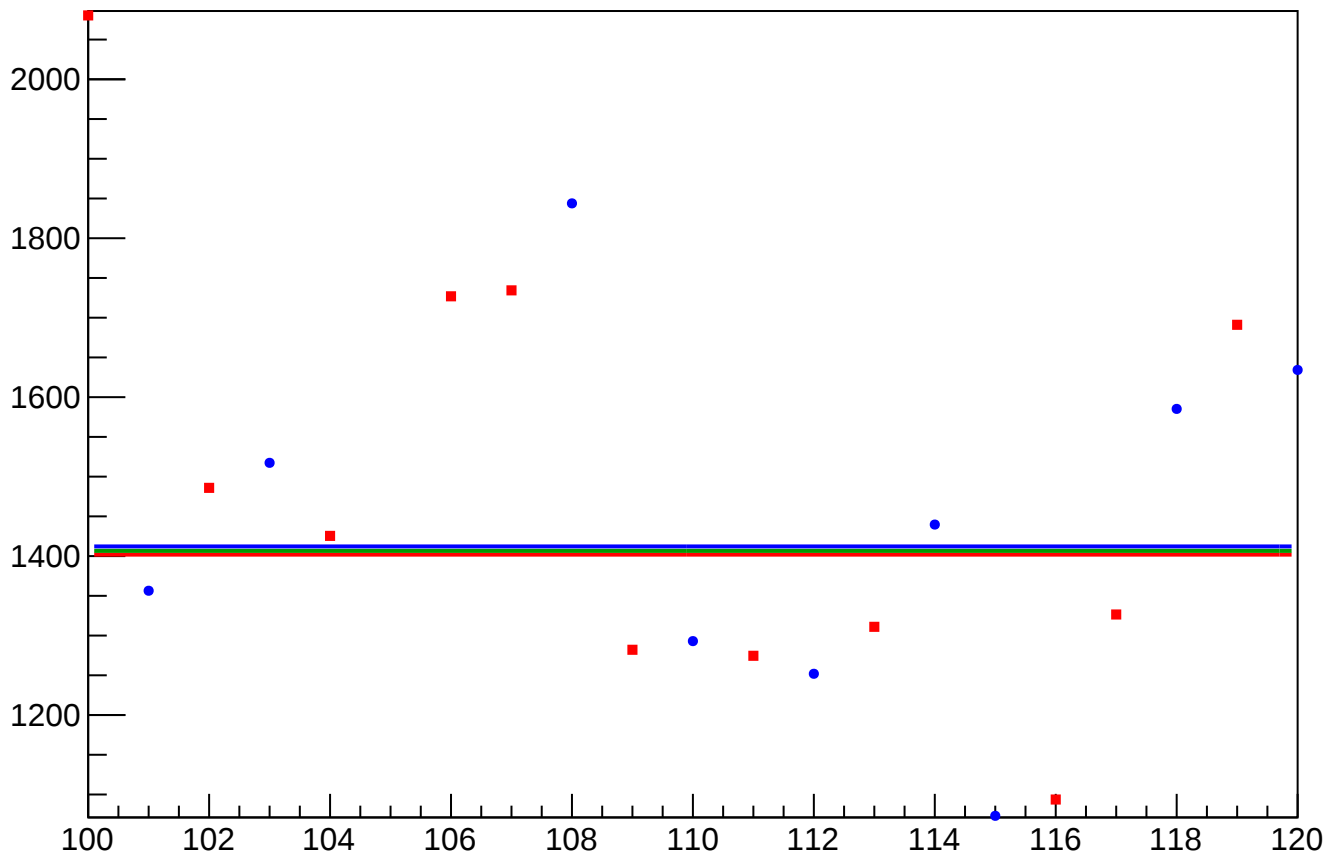
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

43.255+/-775.242 χ^2/NDF : 9.7/8

-643.510+/-524.652 χ^2/NDF : 20.9/19

-1223.845+/-712.644 χ^2/NDF : 9.8/10

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1412.159+/-0.548 χ^2/NDF : 119622.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.857+/-0.504 χ^2/NDF : 157313.5/10

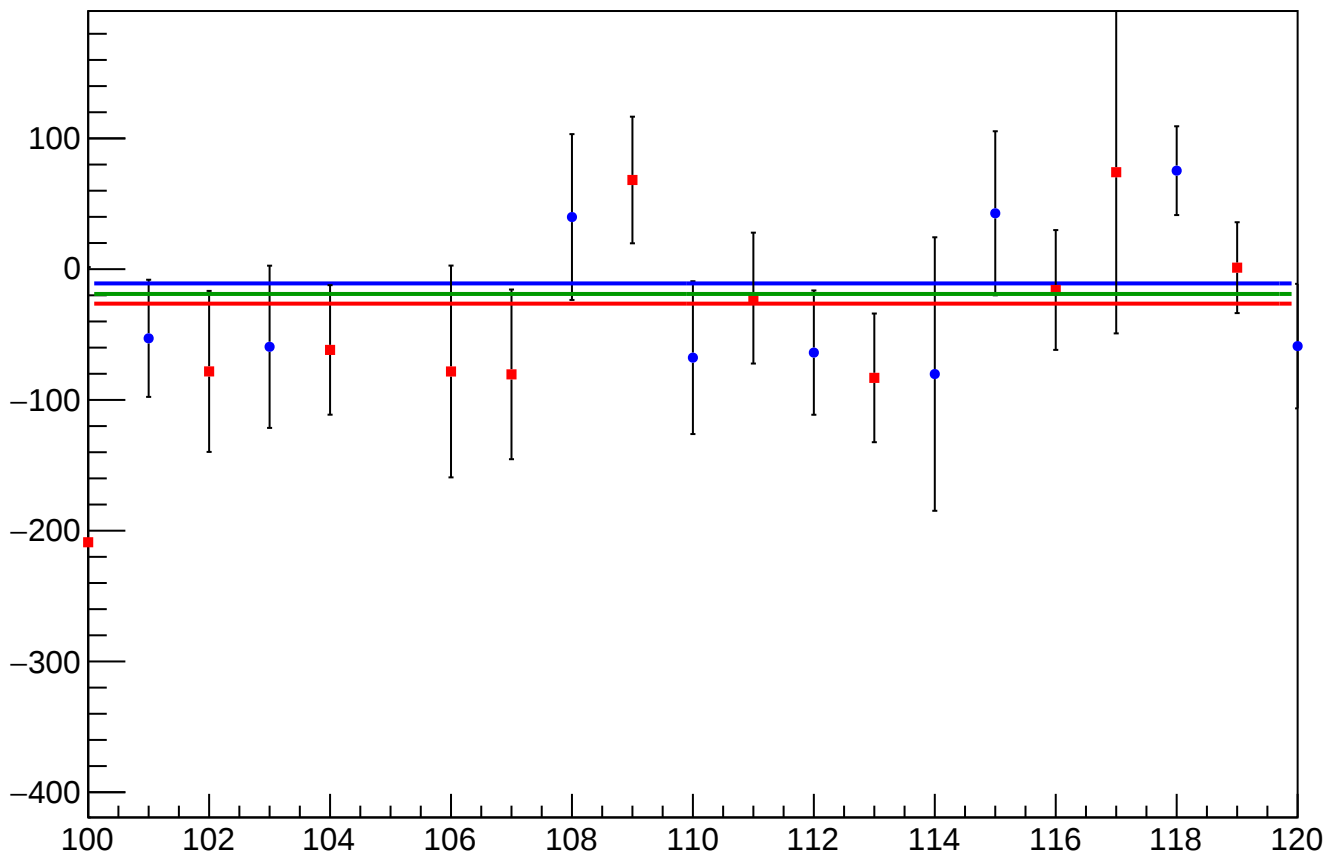
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1412.159+/-0.548 χ^2/NDF : 119622.0/8

1406.575+/-0.371 χ^2/NDF : 277127.0/19

1401.857+/-0.504 χ^2/NDF : 157313.5/10

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -10.899 $\pm$ 17.159 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.370 $\pm$ 16.454 χ^2 /NDF: 9.6/10

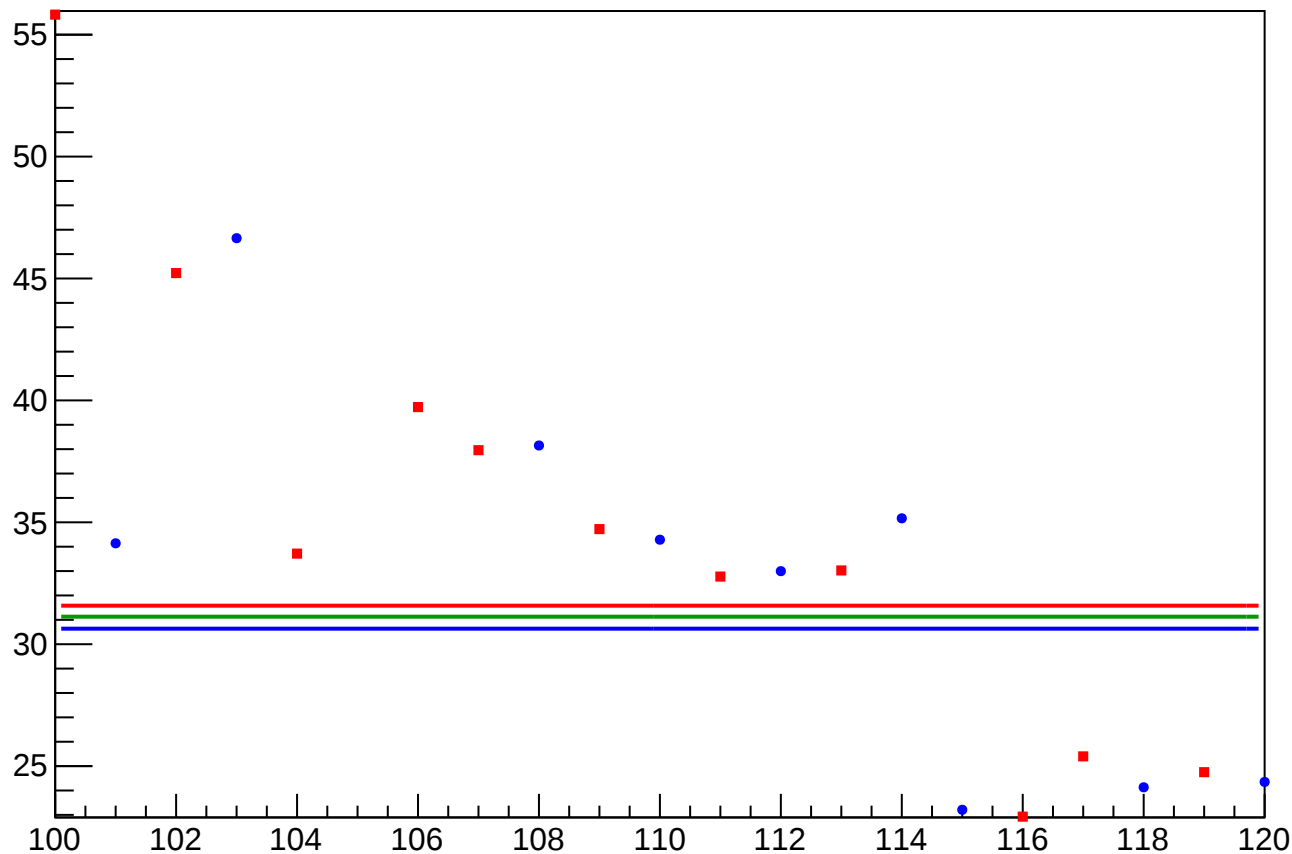
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-10.899 $\pm$ 17.159 χ^2 /NDF: 12.9/8

-18.959 $\pm$ 11.876 χ^2 /NDF: 22.9/19

-26.370 $\pm$ 16.454 χ^2 /NDF: 9.6/10

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 30.637 $\pm$ 0.012 χ^2 /NDF: 326452.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.581 $\pm$ 0.012 χ^2 /NDF: 332941.1/10

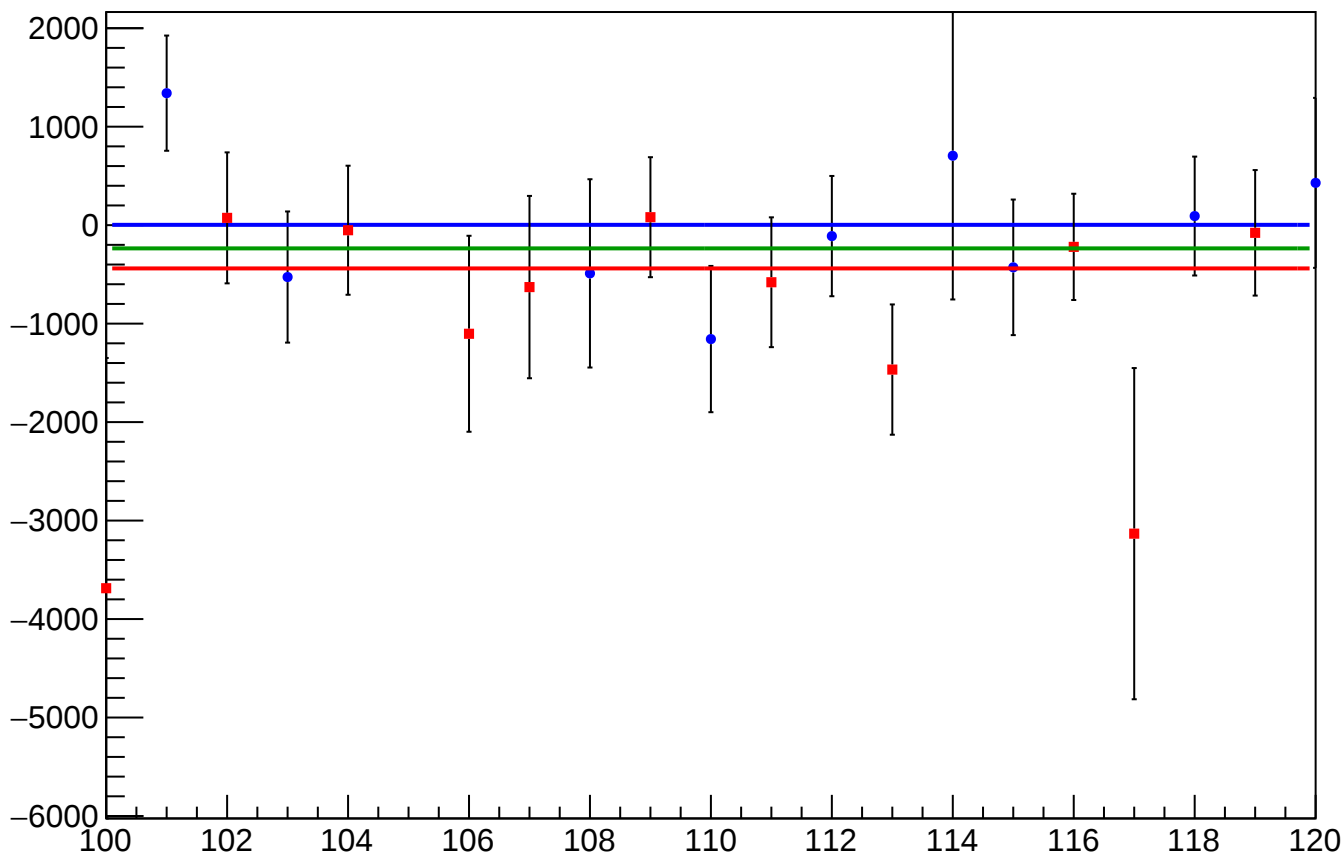
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

30.637 $\pm$ 0.012 χ^2 /NDF: 326452.0/8

31.129 $\pm$ 0.008 χ^2 /NDF: 662543.5/19

31.581 $\pm$ 0.012 χ^2 /NDF: 332941.1/10

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 3.145+/-239.506 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -439.447+/-220.962 χ^2/NDF : 9.6/10

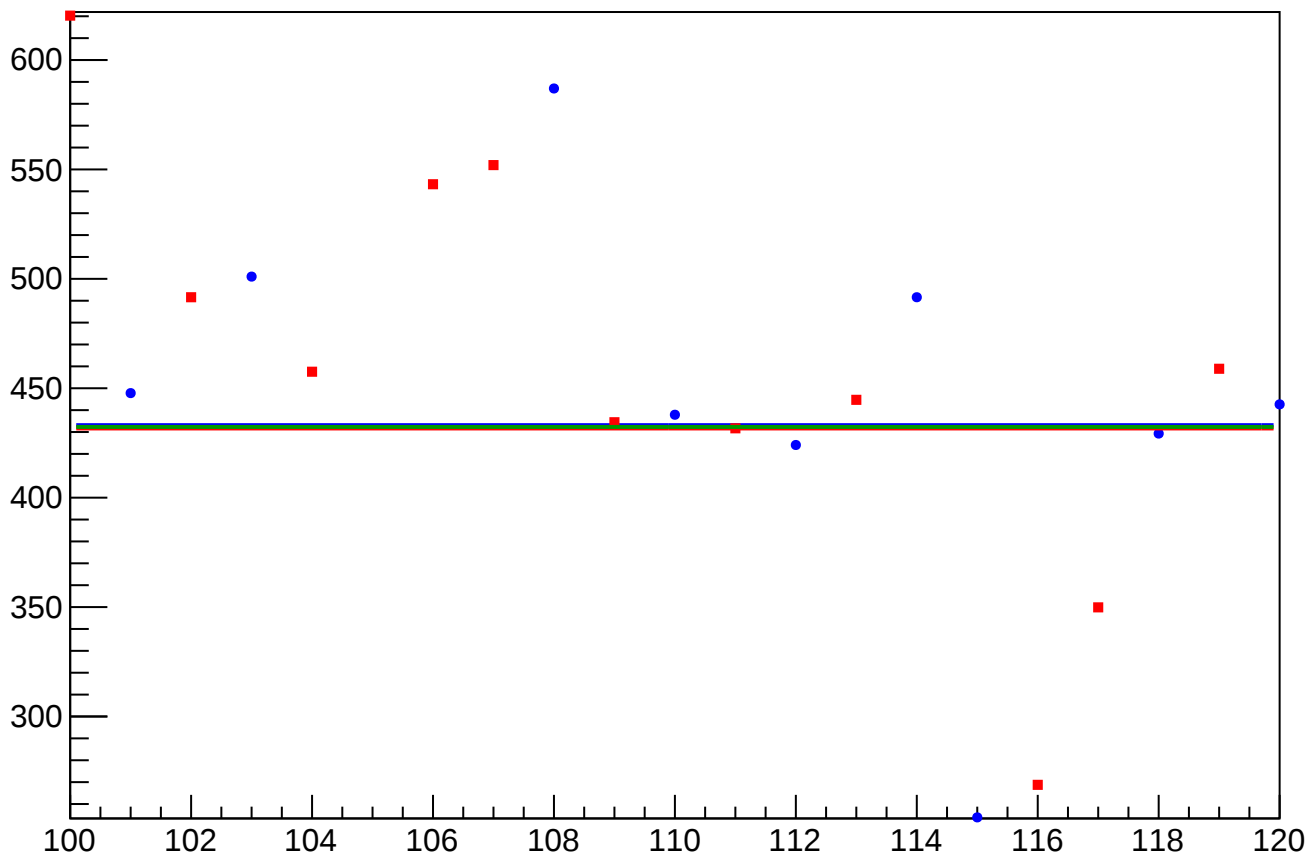
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.145+/-239.506 χ^2/NDF : 9.5/8

-235.946+/-162.404 χ^2/NDF : 20.9/19

-439.447+/-220.962 χ^2/NDF : 9.6/10

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 433.134+/-0.169 χ^2/NDF : 213497.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 431.632+/-0.156 χ^2/NDF : 282840.4/10

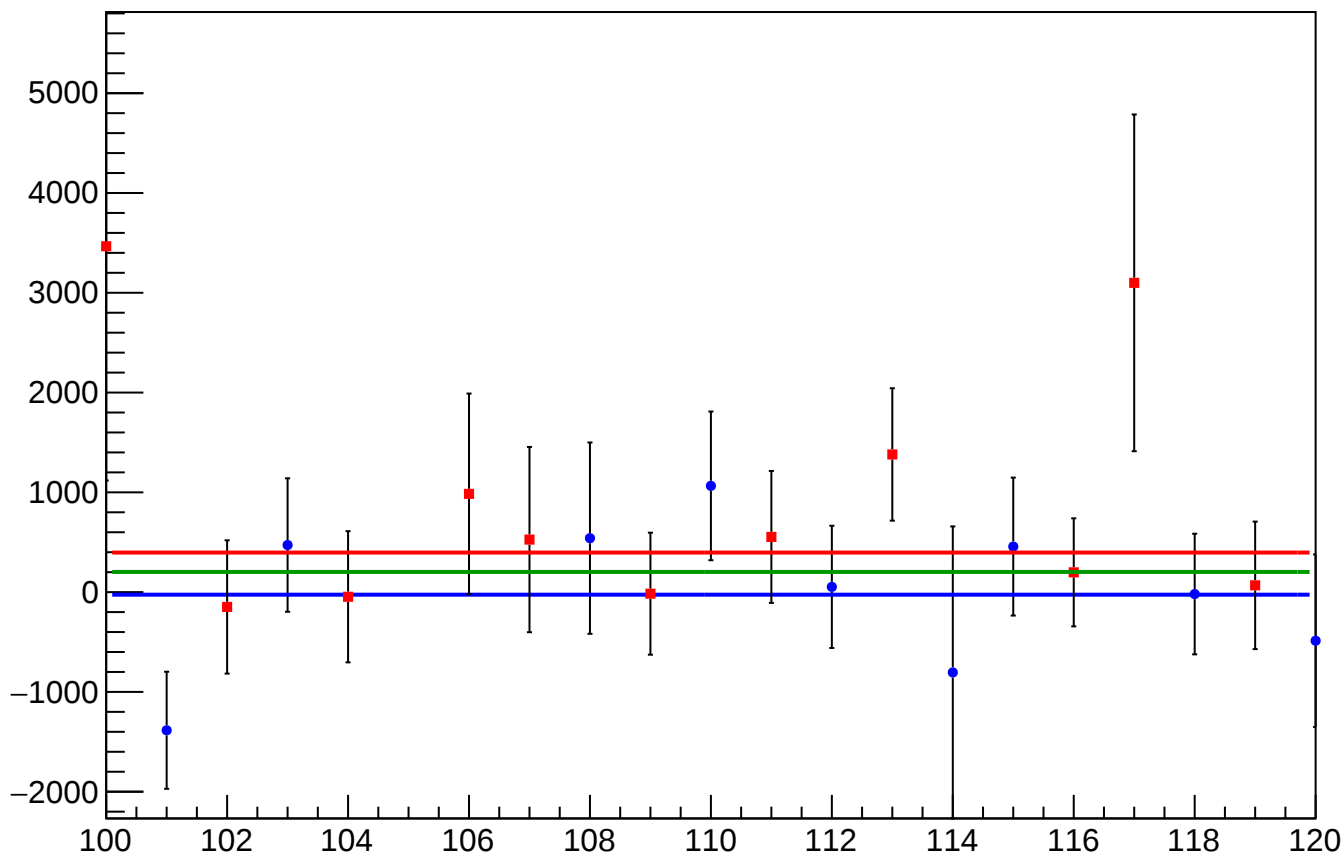
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

433.134+/-0.169 χ^2/NDF : 213497.5/8

432.322+/-0.115 χ^2/NDF : 496380.4/19

431.632+/-0.156 χ^2/NDF : 282840.4/10

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -25.656 $\pm$ 240.230 χ^2 /NDF: 9.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 396.584 $\pm$ 221.771 χ^2 /NDF: 8.9/10

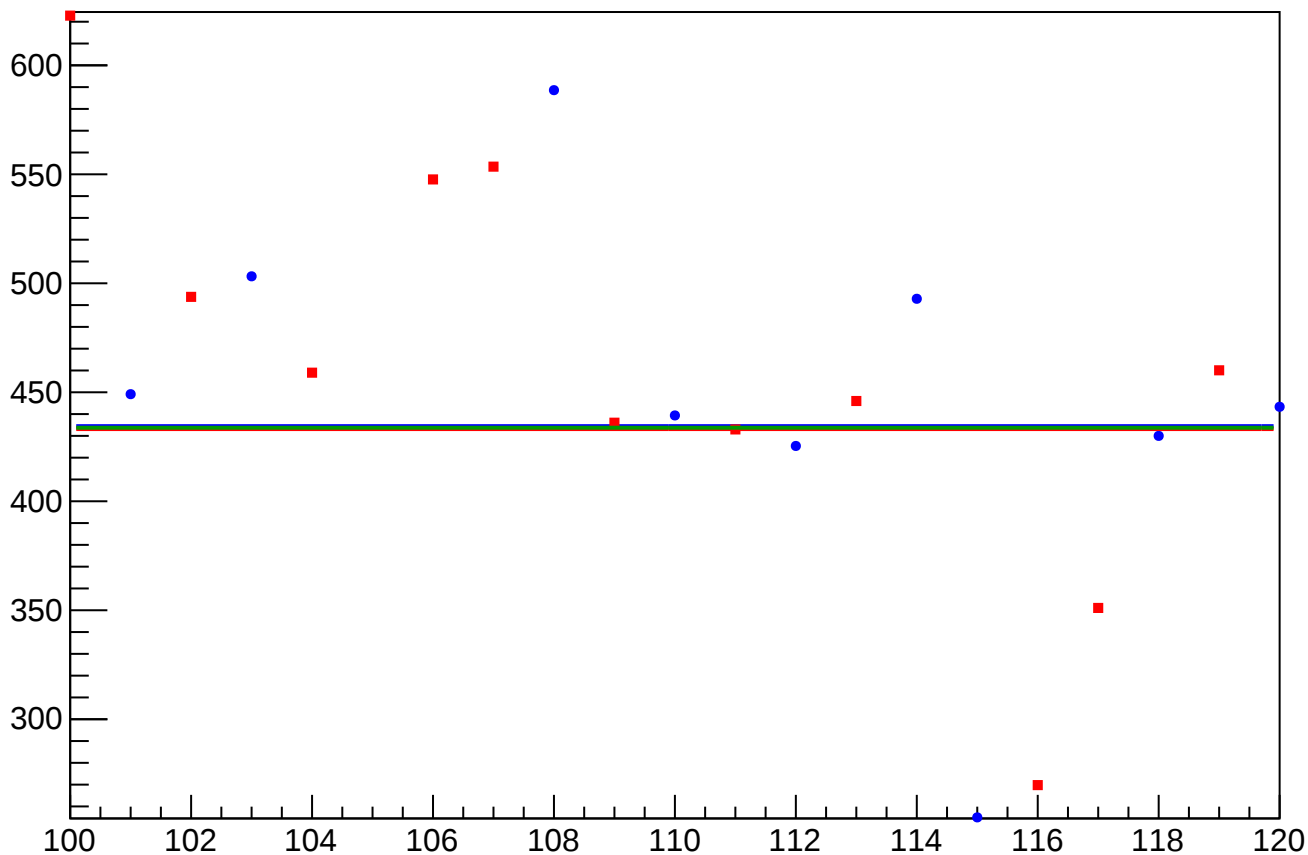
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-25.656 $\pm$ 240.230 χ^2 /NDF: 9.5/8

202.307 $\pm$ 162.951 χ^2 /NDF: 20.0/19

396.584 $\pm$ 221.771 χ^2 /NDF: 8.9/10

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 434.464 $\pm$ 0.170 χ^2 /NDF: 212956.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 433.128 $\pm$ 0.157 χ^2 /NDF: 283294.5/10

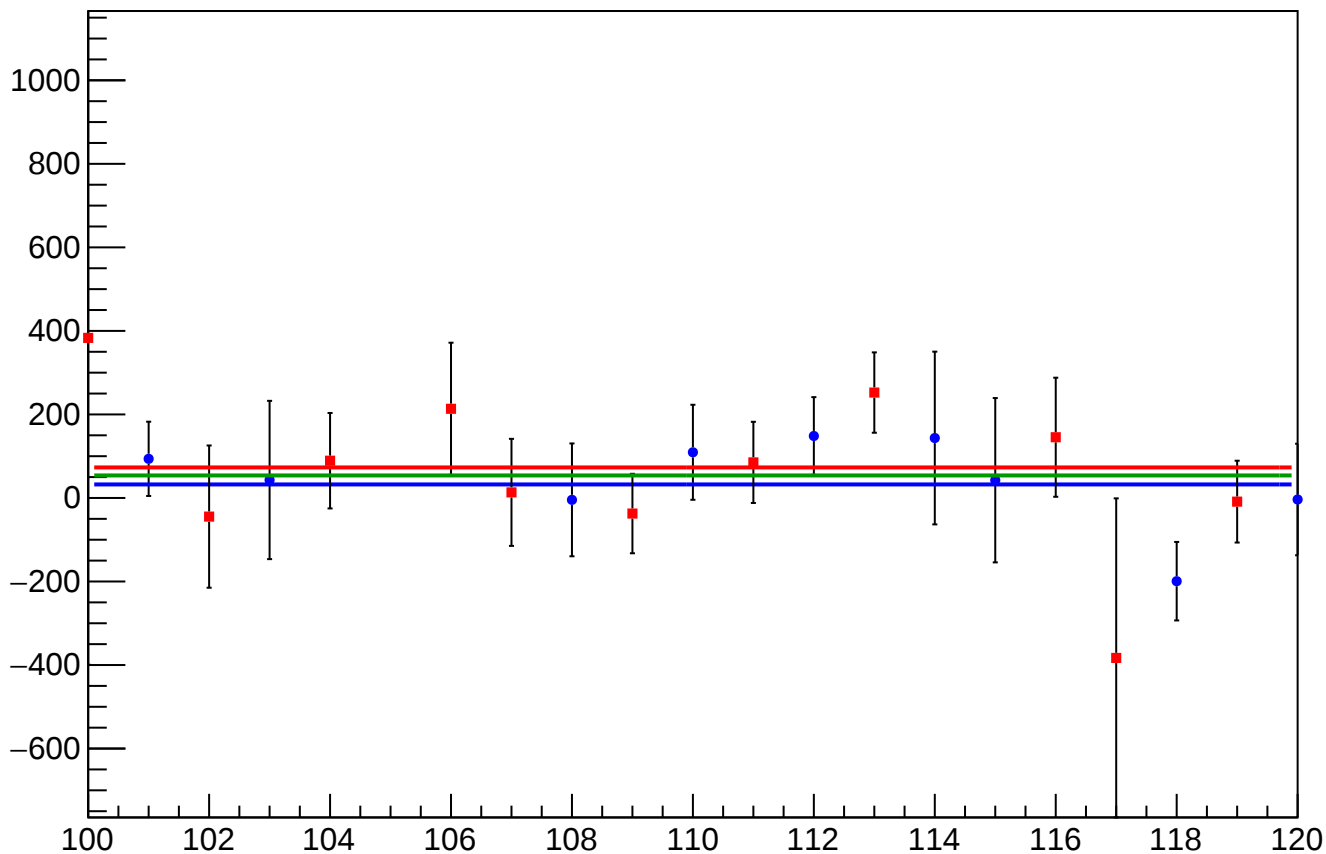
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

434.464 $\pm$ 0.170 χ^2 /NDF: 212956.7/8

433.742 $\pm$ 0.115 χ^2 /NDF: 496284.6/19

433.128 $\pm$ 0.157 χ^2 /NDF: 283294.5/10

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 32.375+/-40.146 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.104+/-37.846 χ^2/NDF : 8.9/10

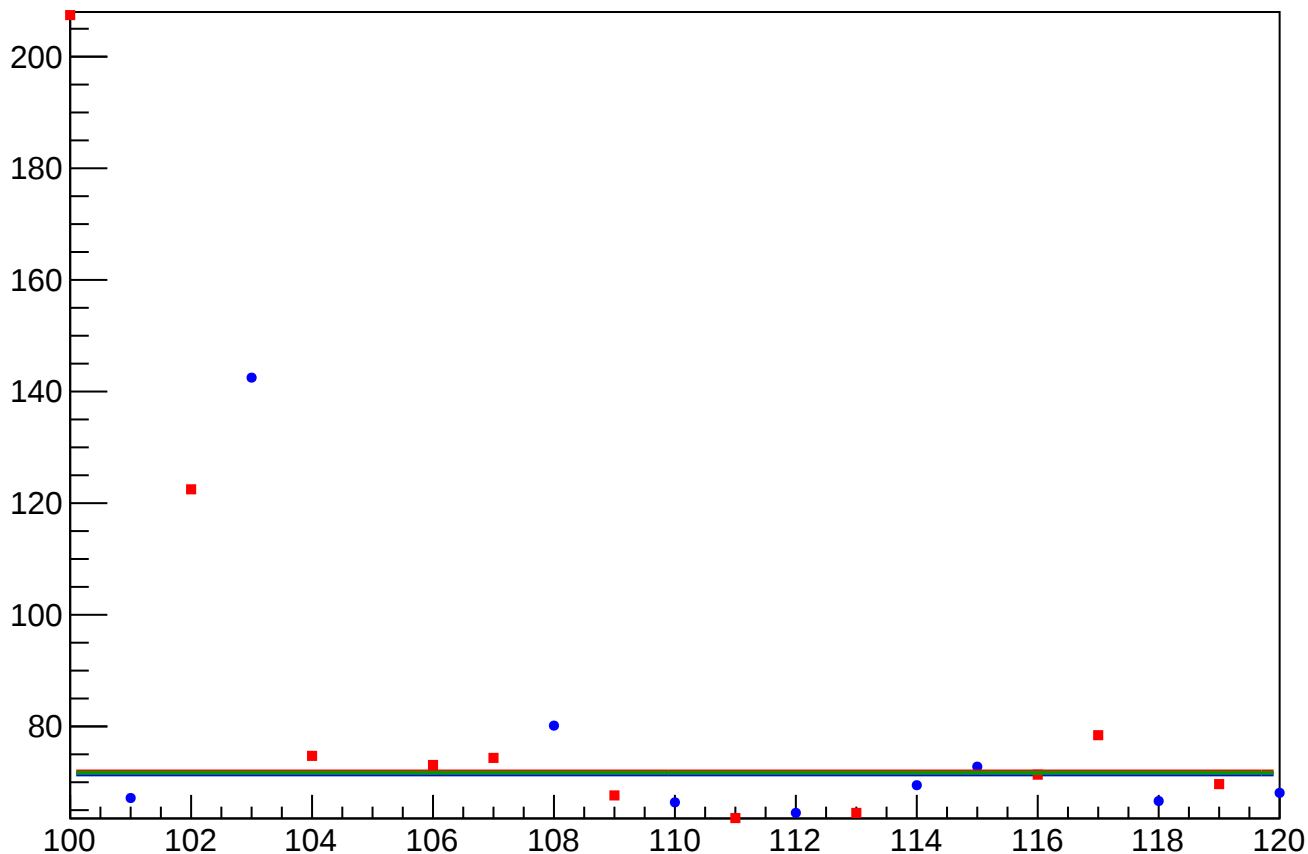
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

32.375+/-40.146 χ^2/NDF : 9.0/8

53.939+/-27.538 χ^2/NDF : 18.4/19

73.104+/-37.846 χ^2/NDF : 8.9/10

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.414+/-0.028 χ^2/NDF : 315842.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.919+/-0.027 χ^2/NDF : 270693.5/10

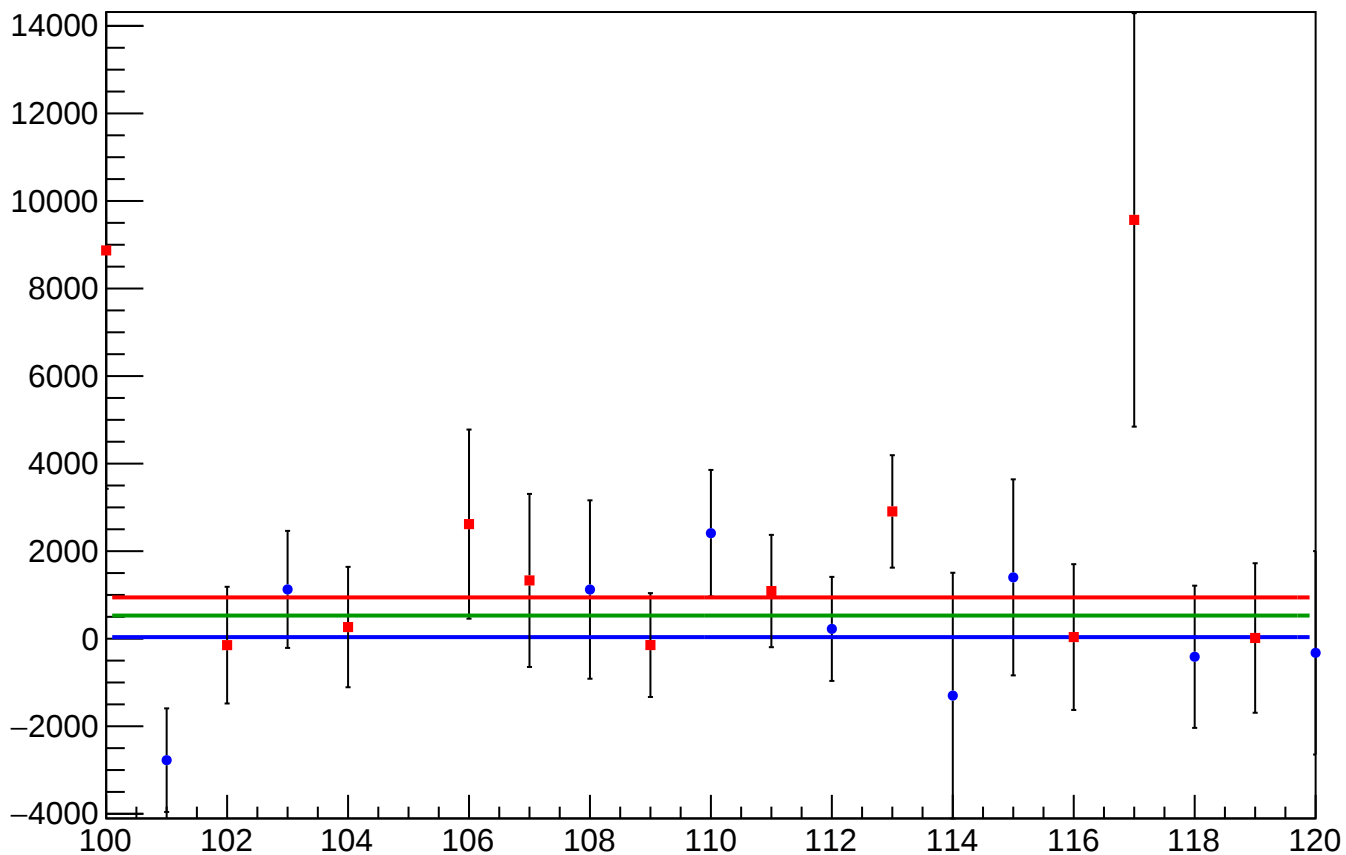
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.414+/-0.028 χ^2/NDF : 315842.2/8

71.681+/-0.019 χ^2/NDF : 586702.7/19

71.919+/-0.027 χ^2/NDF : 270693.5/10

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.361+/-527.618 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.744+/-484.049 χ^2/NDF : 10.8/10

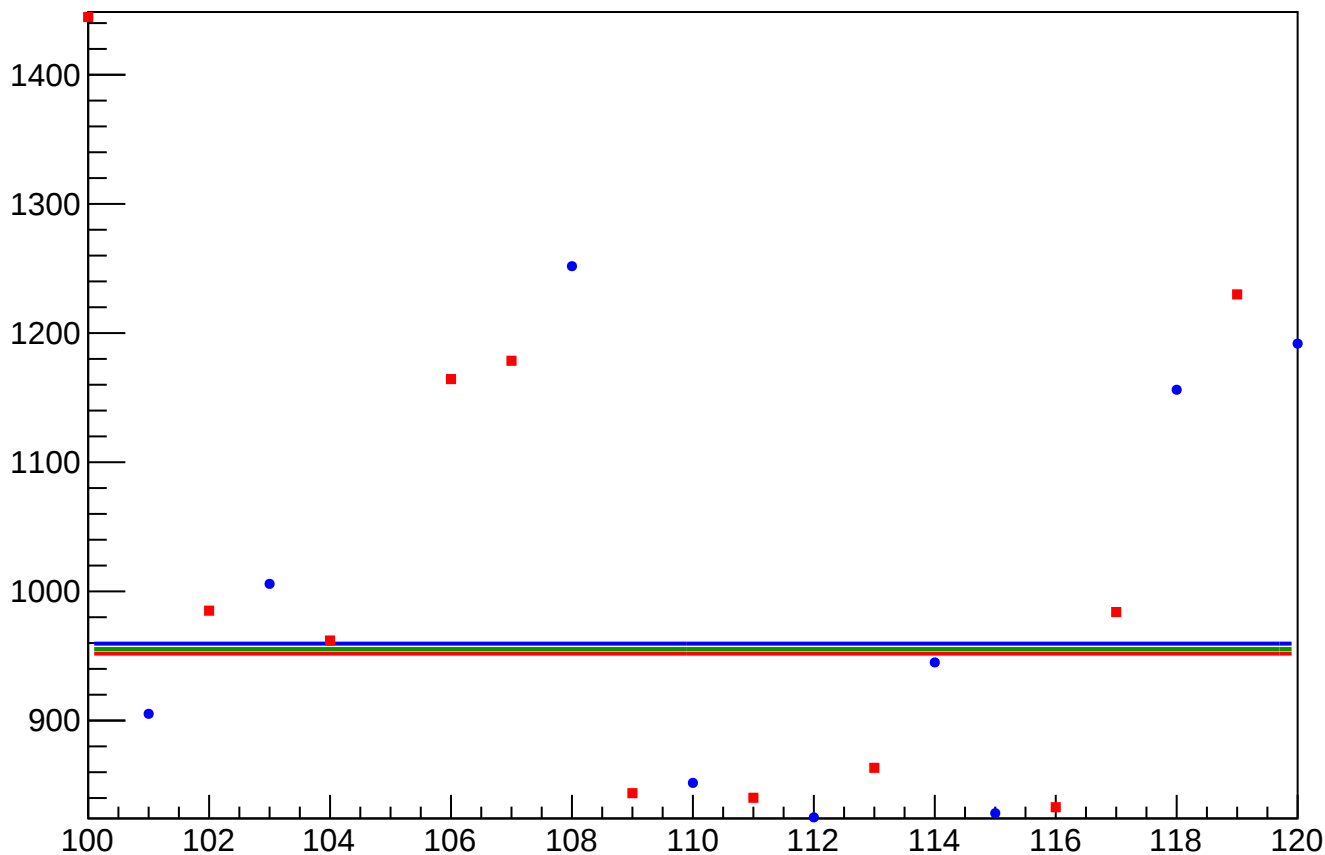
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.361+/-527.618 χ^2/NDF : 10.0/8

529.057+/-356.684 χ^2/NDF : 22.4/19

943.744+/-484.049 χ^2/NDF : 10.8/10

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 959.560 +/- 0.373 χ^2/NDF : 140701.9/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 951.830 +/- 0.342 χ^2/NDF : 167949.2/10

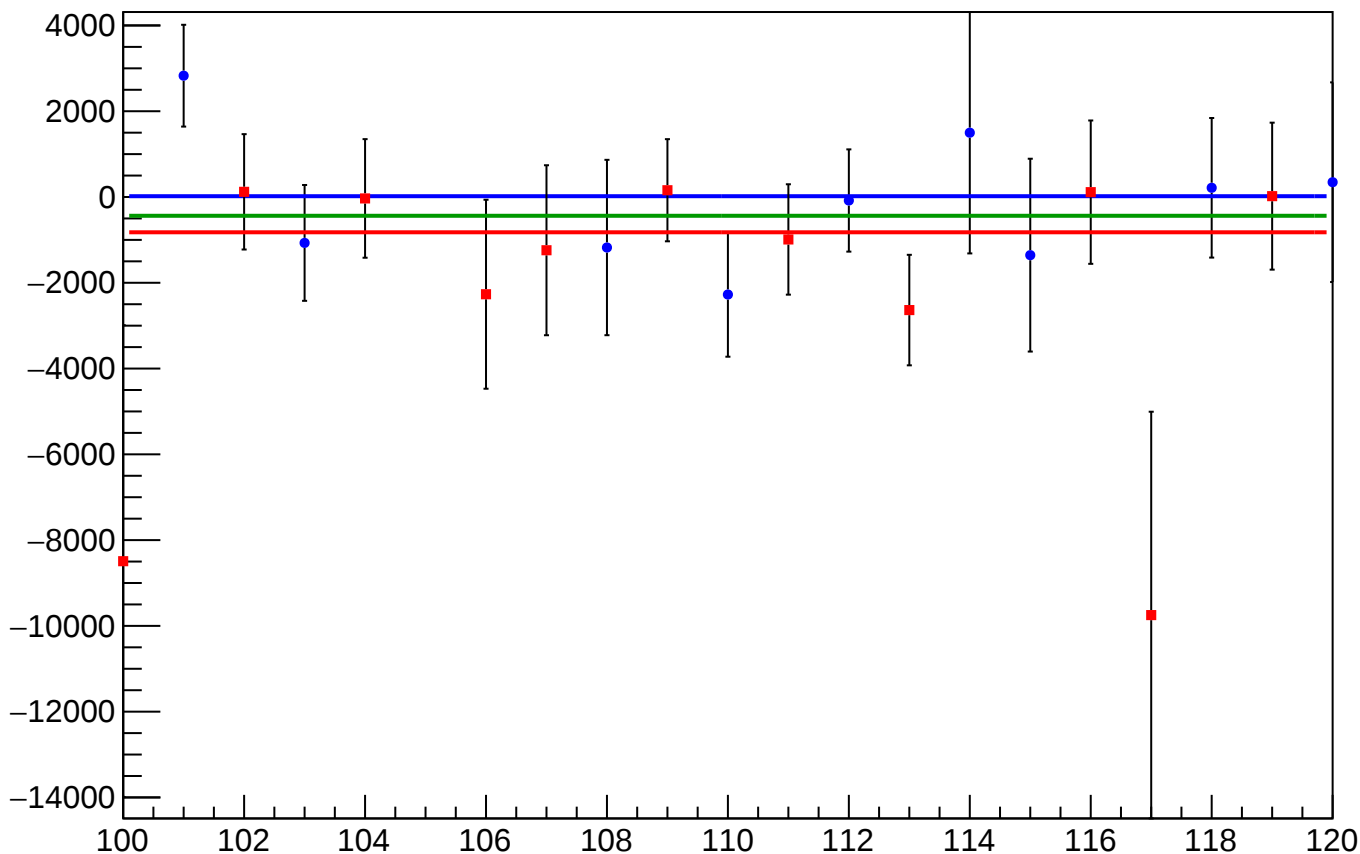
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

959.560 +/- 0.373 χ^2/NDF : 140701.9/8

955.363 +/- 0.252 χ^2/NDF : 308884.2/19

951.830 +/- 0.342 χ^2/NDF : 167949.2/10

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 18.709+/-529.762 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -822.714+/-486.568 χ^2/NDF : 10.0/10

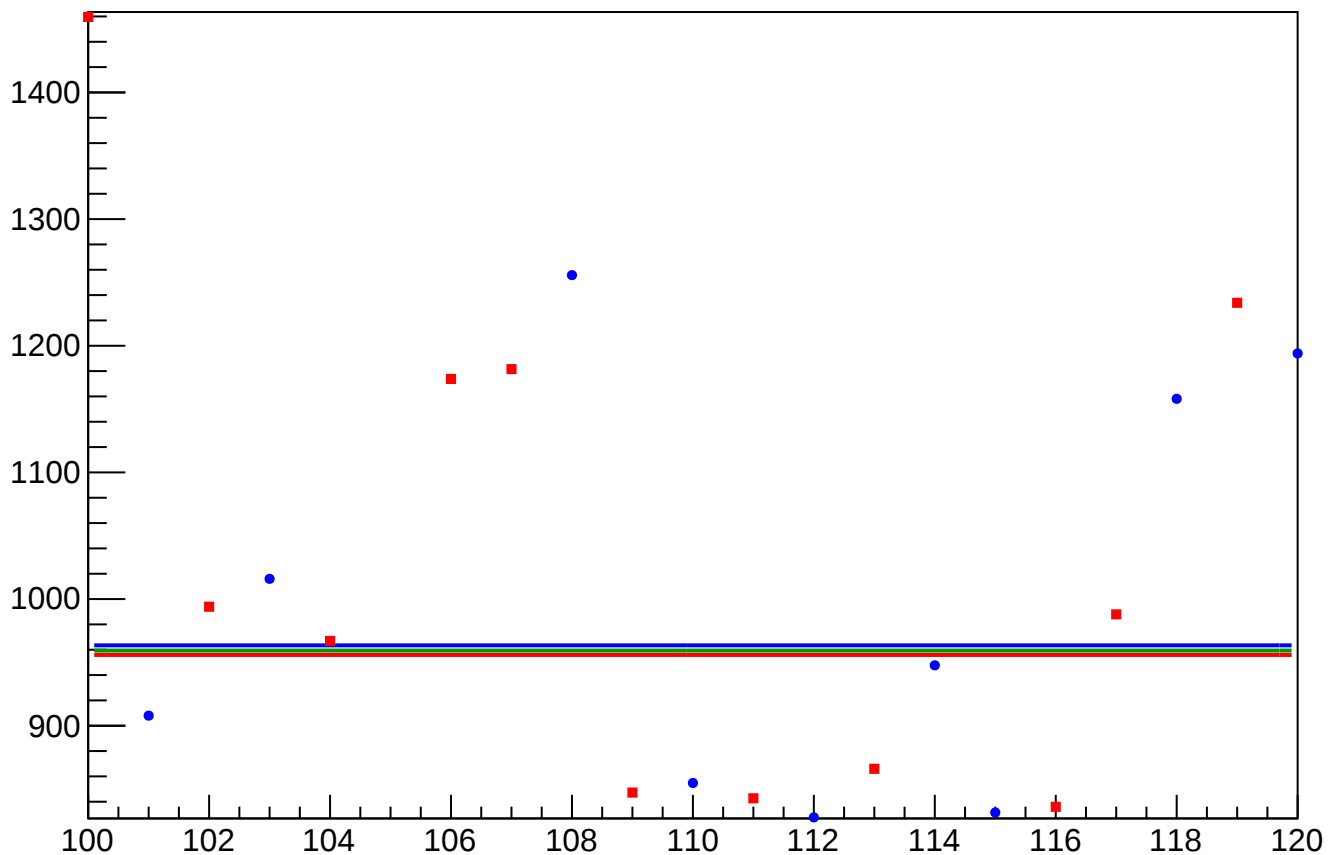
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.709+/-529.762 χ^2/NDF : 9.8/8

-437.698+/-358.354 χ^2/NDF : 21.2/19

-822.714+/-486.568 χ^2/NDF : 10.0/10

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 963.458+/-0.375 χ^2/NDF : 140674.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.868+/-0.344 χ^2/NDF : 168893.3/10

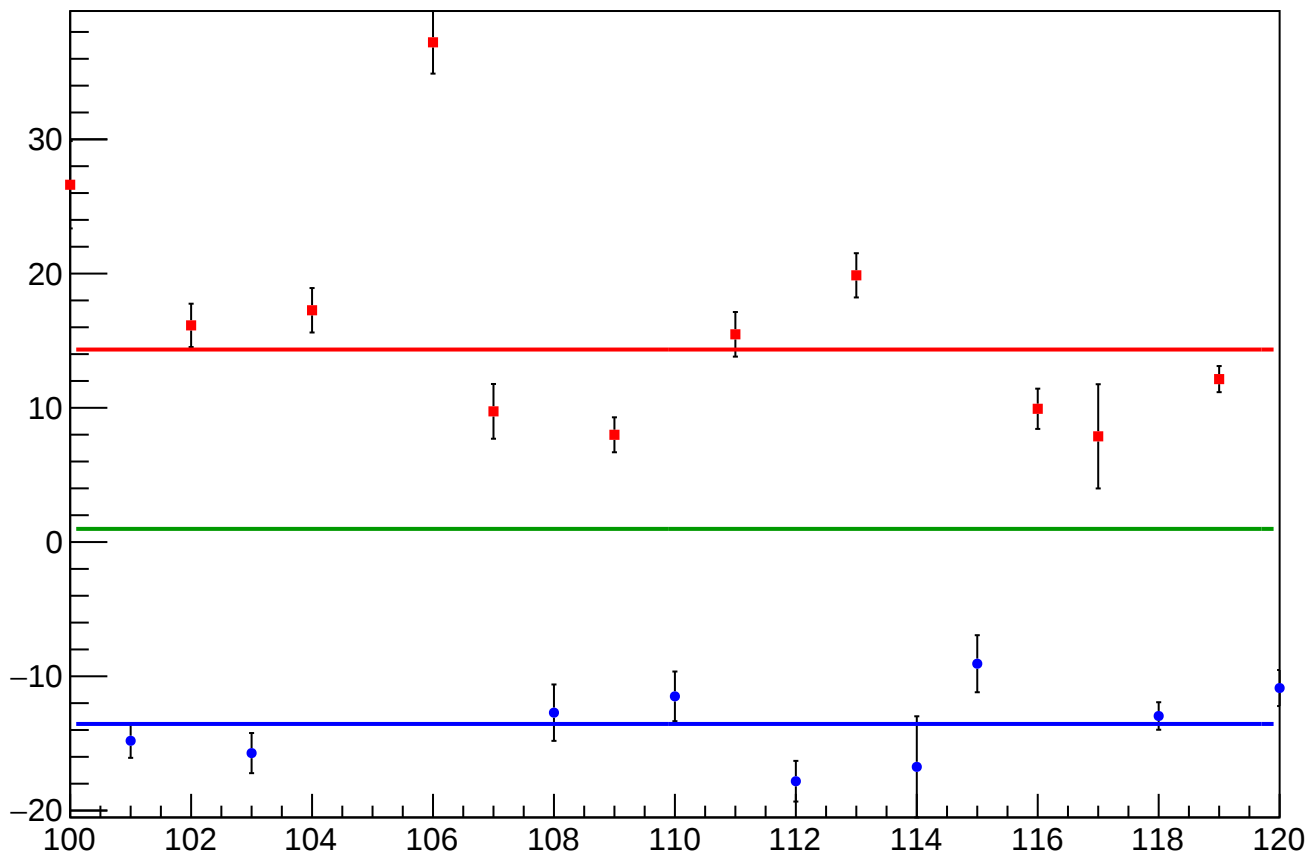
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

963.458+/-0.375 χ^2/NDF : 140674.7/8

959.341+/-0.253 χ^2/NDF : 309790.7/19

955.868+/-0.344 χ^2/NDF : 168893.3/10

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.550 ± 0.512 $\chi^2/\text{NDF}: 21.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 14.342 ± 0.491 $\chi^2/\text{NDF}: 172.1/10$

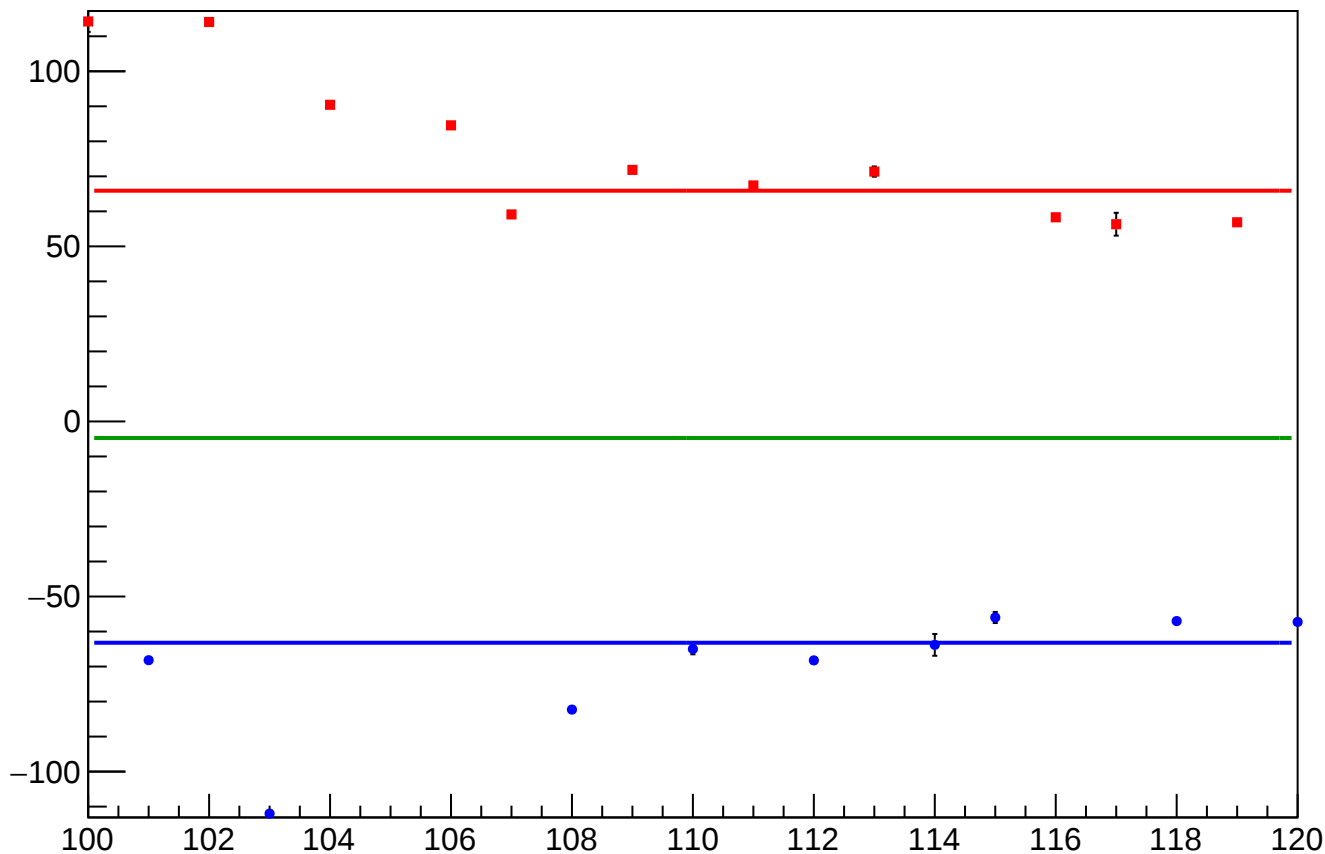
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-13.550 ± 0.512 $\chi^2/\text{NDF}: 21.9/8$

0.981 ± 0.354 $\chi^2/\text{NDF}: 1742.3/19$

14.342 ± 0.491 $\chi^2/\text{NDF}: 172.1/10$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.203+/-0.249 χ^2/NDF : 2685.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.899+/-0.274 χ^2/NDF : 3471.3/10

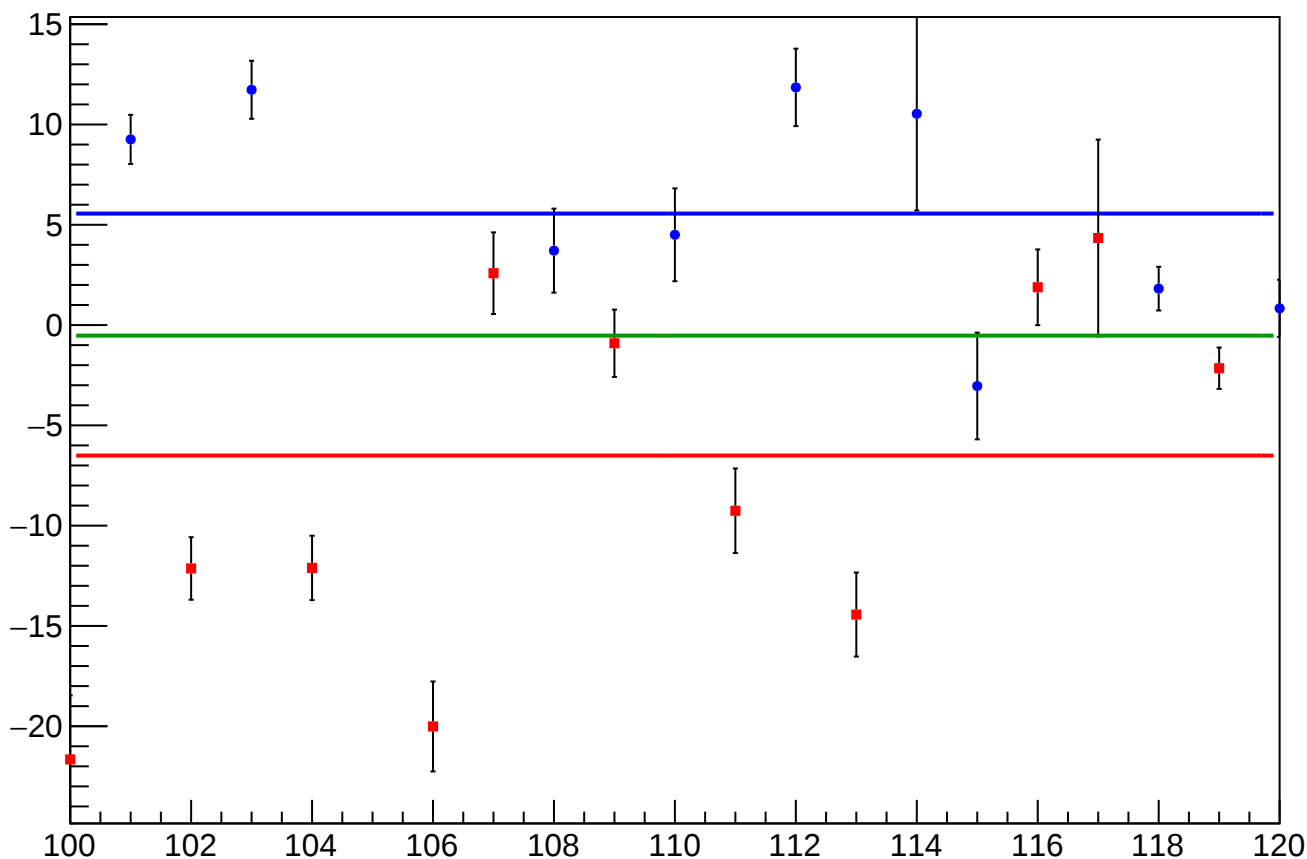
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-63.203+/-0.249 χ^2/NDF : 2685.3/8

-4.727+/-0.184 χ^2/NDF : 127492.8/19

65.899+/-0.274 χ^2/NDF : 3471.3/10

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.558+/-0.546 χ^2/NDF : 73.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.507+/-0.542 χ^2/NDF : 173.6/10

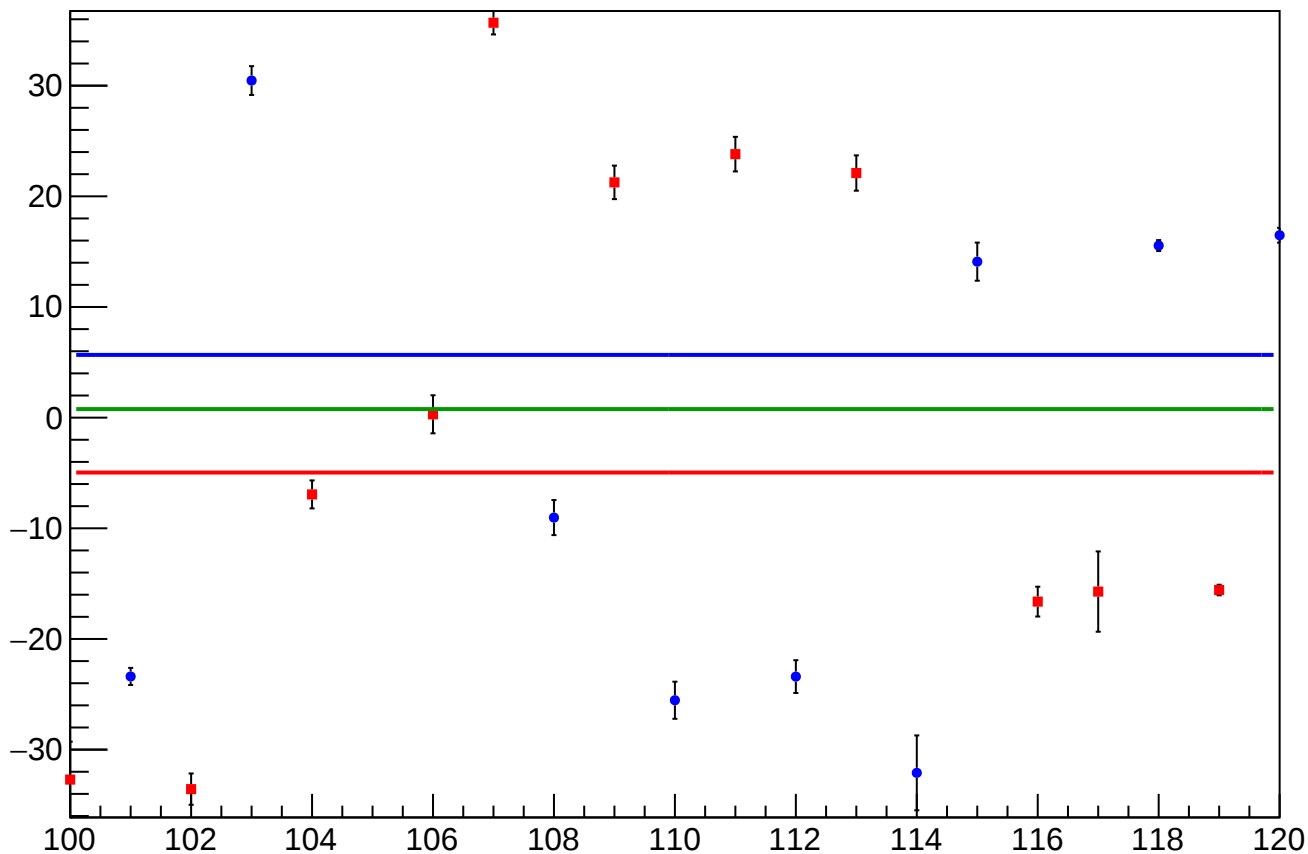
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.558+/-0.546 χ^2/NDF : 73.3/8

-0.527+/-0.385 χ^2/NDF : 492.9/19

-6.507+/-0.542 χ^2/NDF : 173.6/10

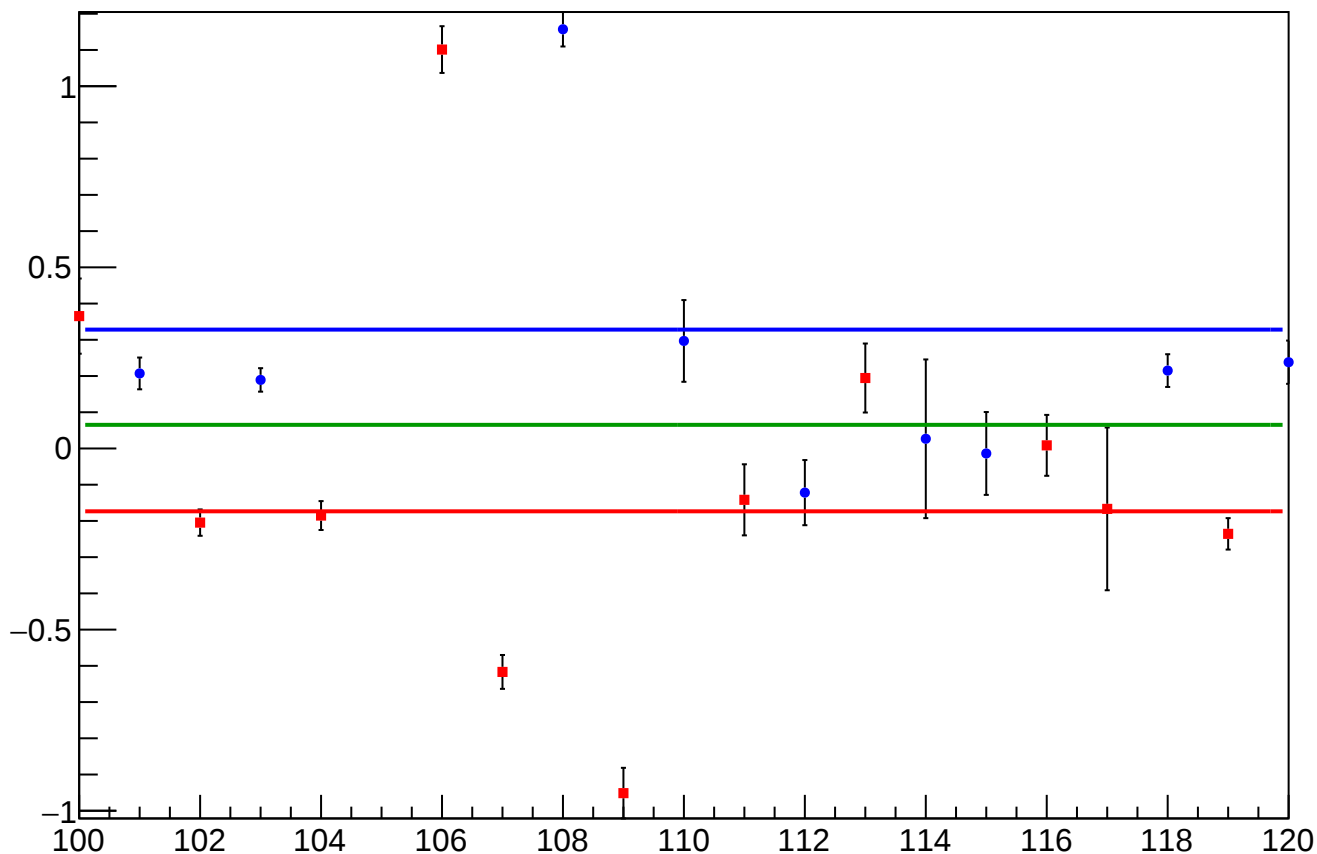
reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.670+/-0.313 χ^2/NDF : 3391.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.959+/-0.339 χ^2/NDF : 3465.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.670+/-0.313 χ^2/NDF : 3391.1/8
 0.773+/-0.230 χ^2/NDF : 7386.8/19
 -4.959+/-0.339 χ^2/NDF : 3465.4/10

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.328 $\pm$ 0.018 χ^2/NDF : 374.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.173 $\pm$ 0.017 χ^2/NDF : 653.7/10

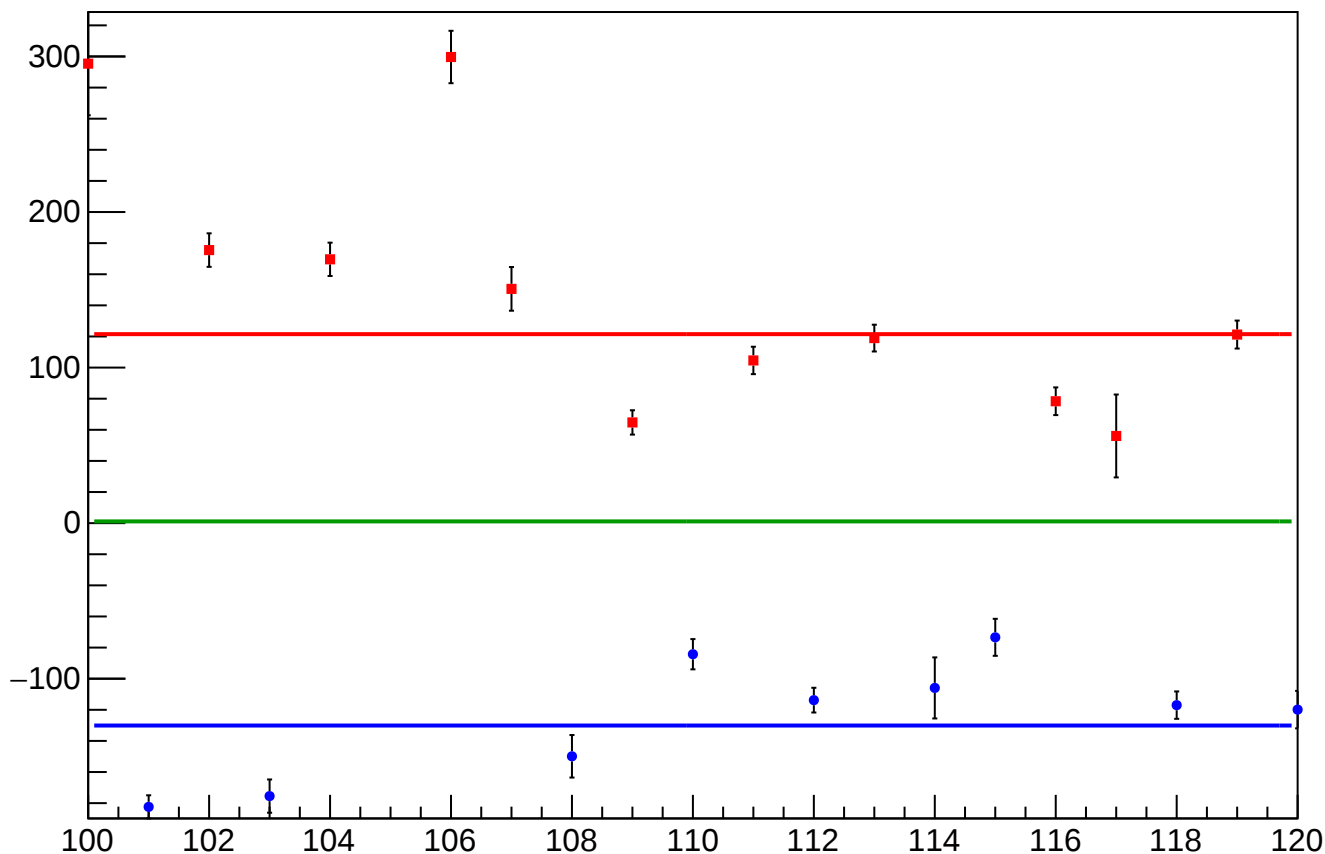
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.328 $\pm$ 0.018 χ^2/NDF : 374.1/8

0.065 $\pm$ 0.013 χ^2/NDF : 1421.1/19

-0.173 $\pm$ 0.017 χ^2/NDF : 653.7/10

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -130.108+/-3.371 χ^2 /NDF: 123.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 121.496+/-3.229 χ^2 /NDF: 274.9/10

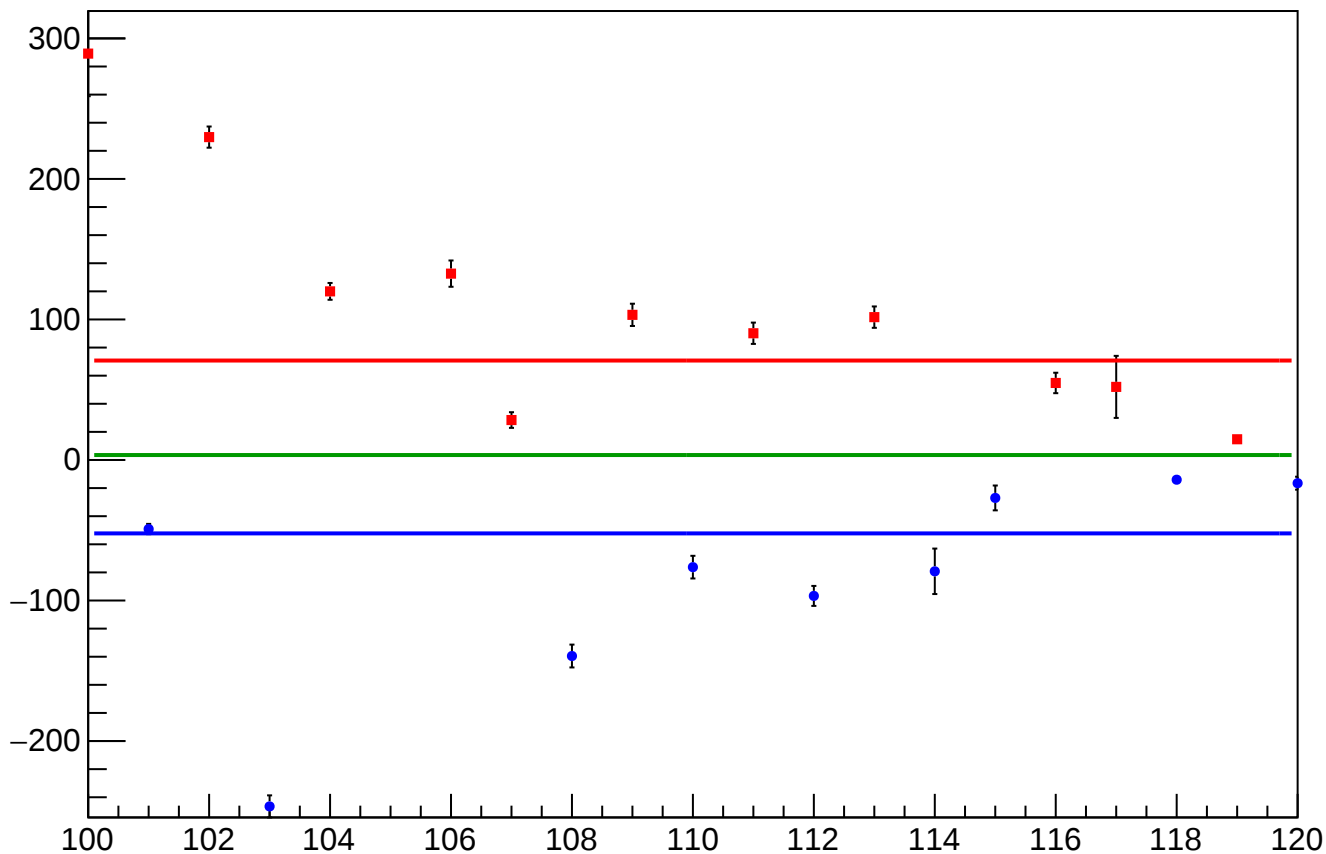
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-130.108+/-3.371 χ^2 /NDF: 123.0/8

1.113+/-2.332 χ^2 /NDF: 3303.3/19

121.496+/-3.229 χ^2 /NDF: 274.9/10

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.241 ± 1.830 $\chi^2/\text{NDF}: 982.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 70.769 ± 2.010 $\chi^2/\text{NDF}: 980.9/10$

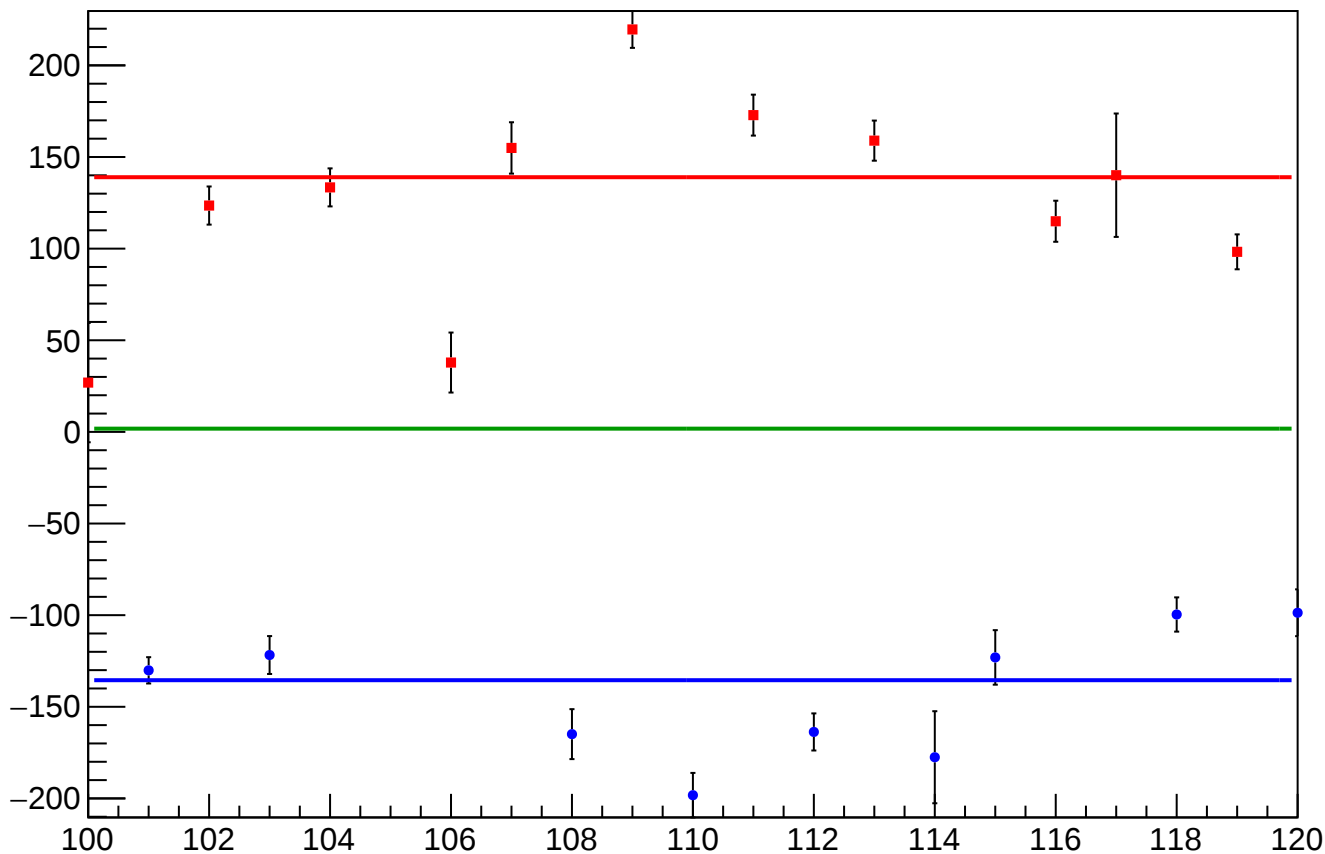
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-52.241 ± 1.830 $\chi^2/\text{NDF}: 982.8/8$

3.521 ± 1.353 $\chi^2/\text{NDF}: 4012.3/19$

70.769 ± 2.010 $\chi^2/\text{NDF}: 980.9/10$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -135.488+/-3.667 χ^2/NDF : 67.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.973+/-3.666 χ^2/NDF : 153.5/10

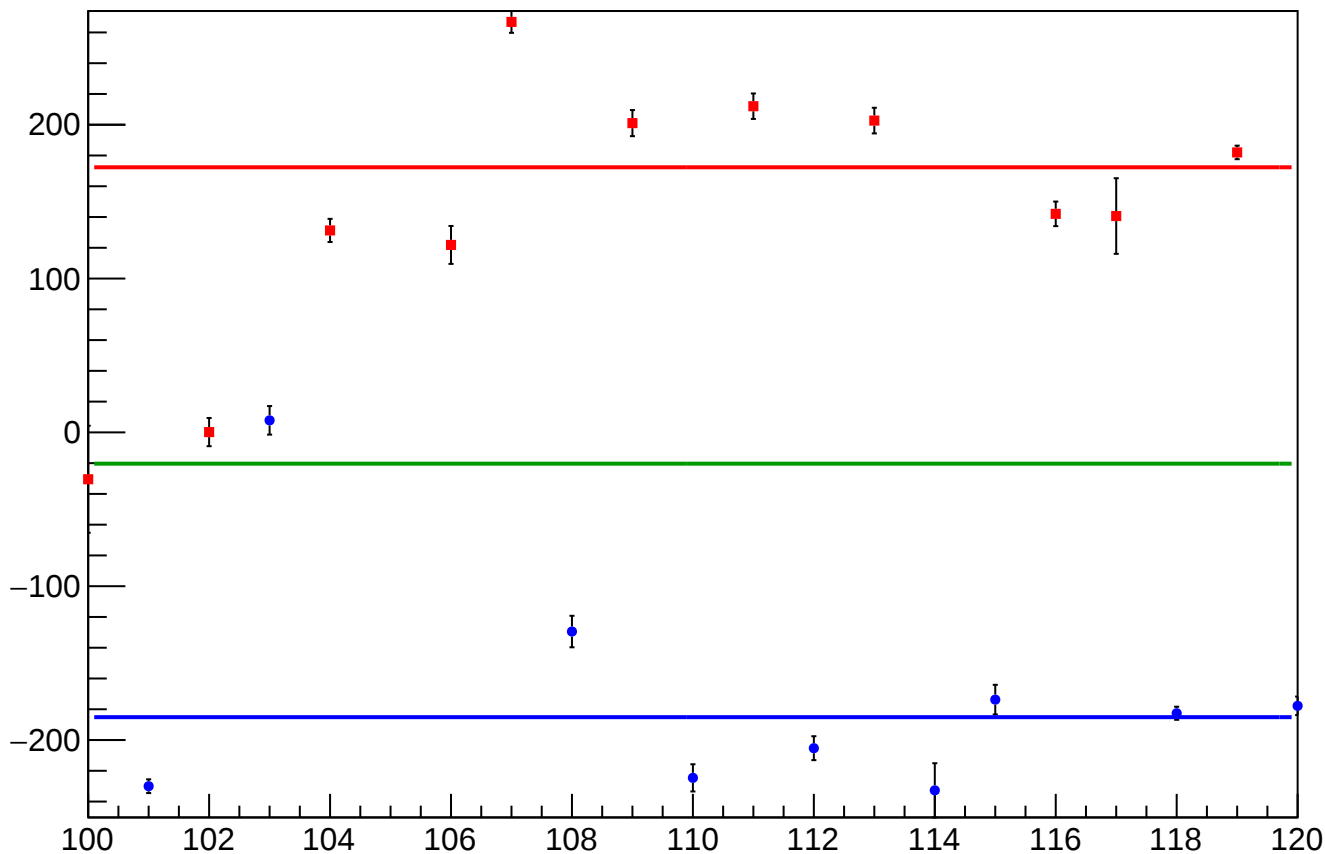
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-135.488+/-3.667 χ^2/NDF : 67.9/8

1.775+/-2.592 χ^2/NDF : 3023.8/19

138.973+/-3.666 χ^2/NDF : 153.5/10

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -185.136 ± 2.252 χ^2/NDF : 599.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 172.336 ± 2.435 χ^2/NDF : 678.9/10

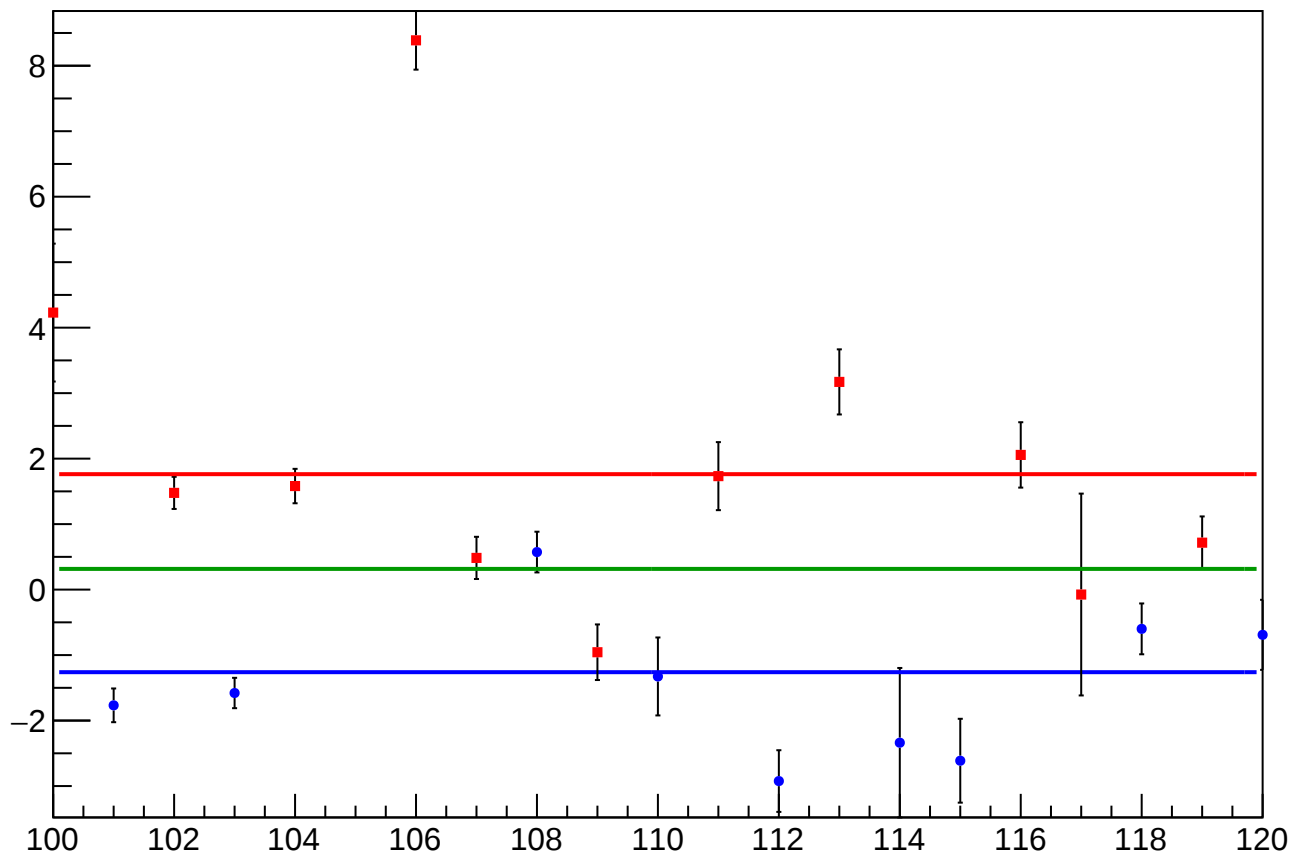
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-185.136 ± 2.252 χ^2/NDF : 599.6/8

-20.342 ± 1.653 χ^2/NDF : 12895.3/19

172.336 ± 2.435 χ^2/NDF : 678.9/10

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.261 $\pm$ 0.124 χ^2 /NDF: 62.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.763 $\pm$ 0.119 χ^2 /NDF: 299.8/10

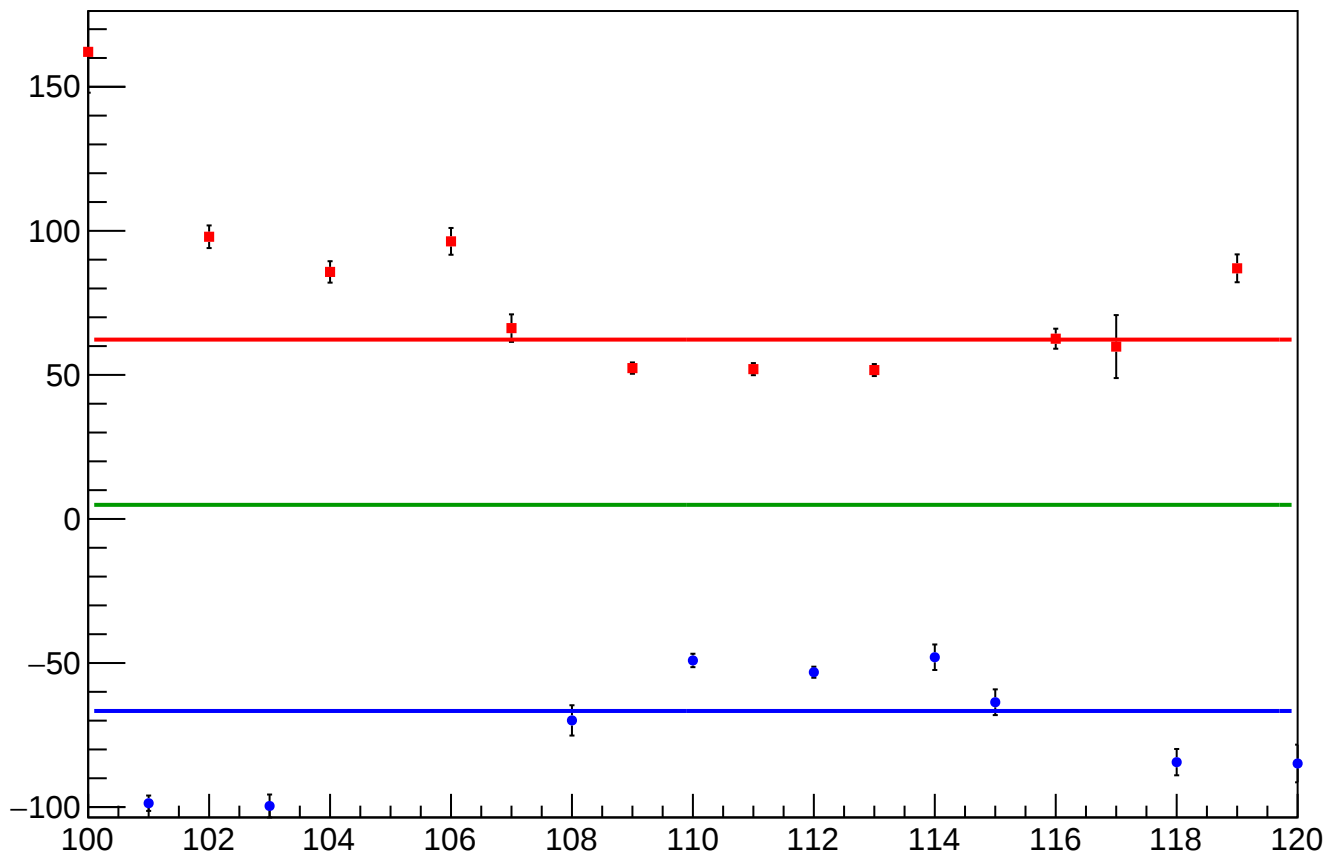
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.261 $\pm$ 0.124 χ^2 /NDF: 62.4/8

0.316 $\pm$ 0.086 χ^2 /NDF: 670.9/19

1.763 $\pm$ 0.119 χ^2 /NDF: 299.8/10

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -66.643 $\pm$ 1.074 χ^2/NDF : 360.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 62.253 $\pm$ 0.961 χ^2/NDF : 327.7/10

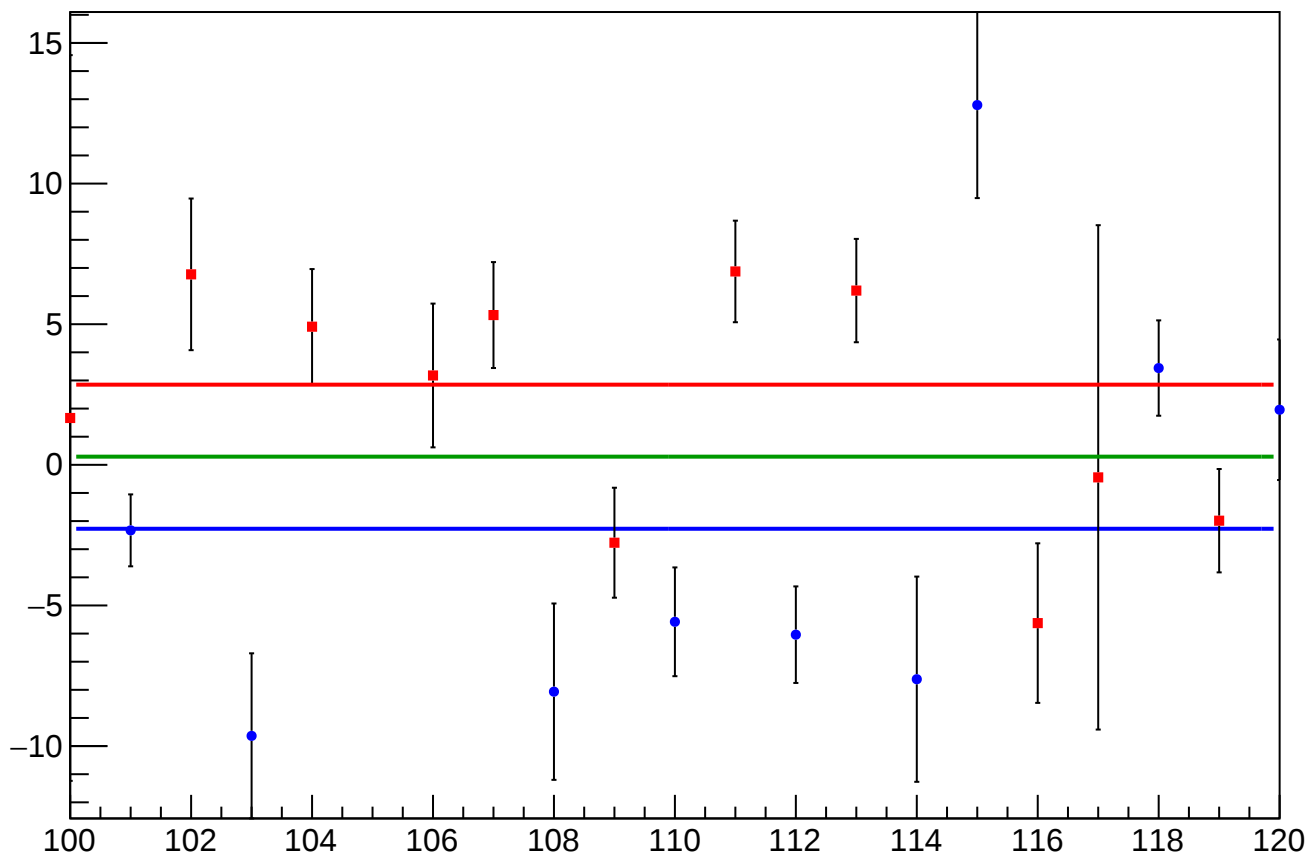
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-66.643 $\pm$ 1.074 χ^2/NDF : 360.0/8

4.899 $\pm$ 0.716 χ^2/NDF : 8688.1/19

62.253 $\pm$ 0.961 χ^2/NDF : 327.7/10

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.273+/-0.688 χ^2/NDF : 54.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.850+/-0.688 χ^2/NDF : 37.4/10

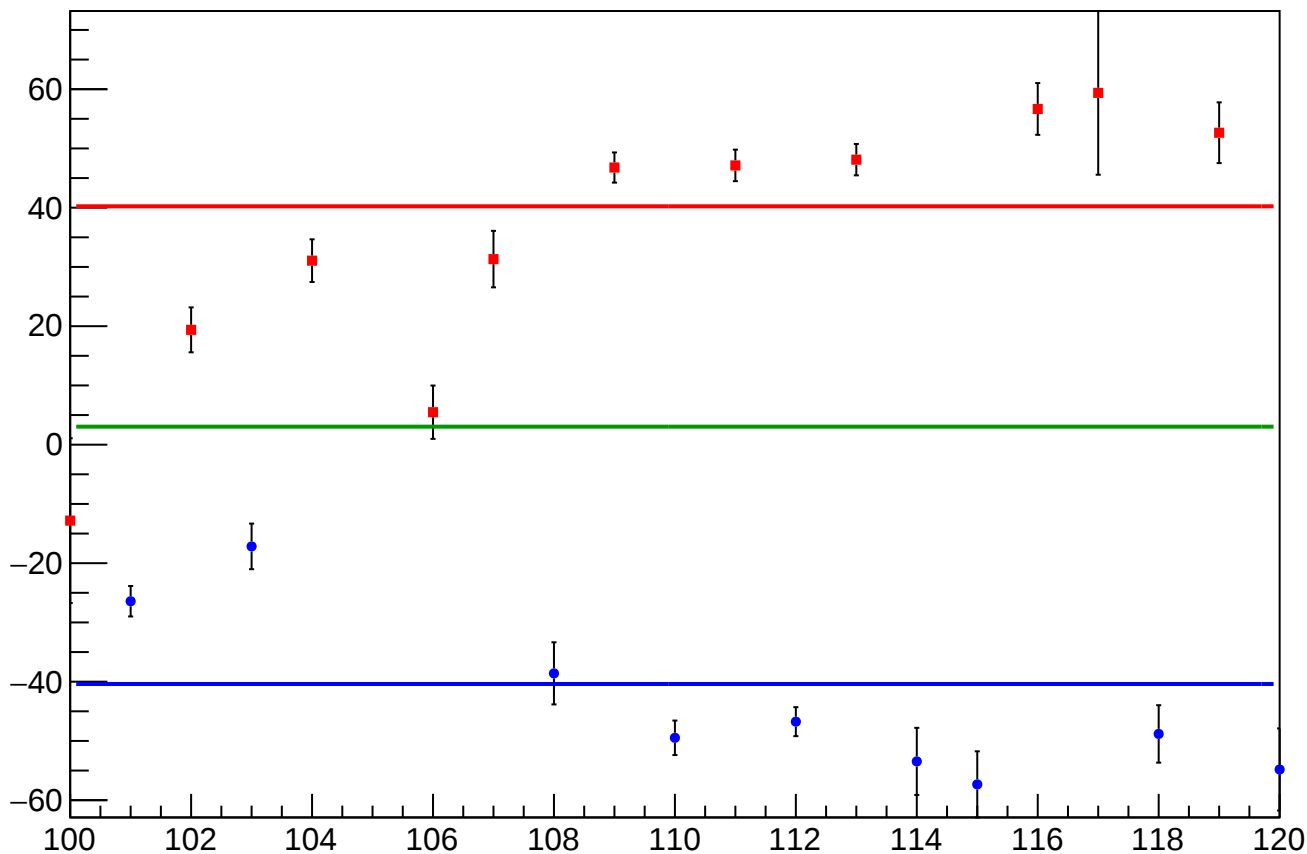
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.273+/-0.688 χ^2/NDF : 54.6/8

0.291+/-0.487 χ^2/NDF : 119.7/19

2.850+/-0.688 χ^2/NDF : 37.4/10

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.387 ± 1.224 $\chi^2/\text{NDF}: 104.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 40.236 ± 1.133 $\chi^2/\text{NDF}: 158.5/10$

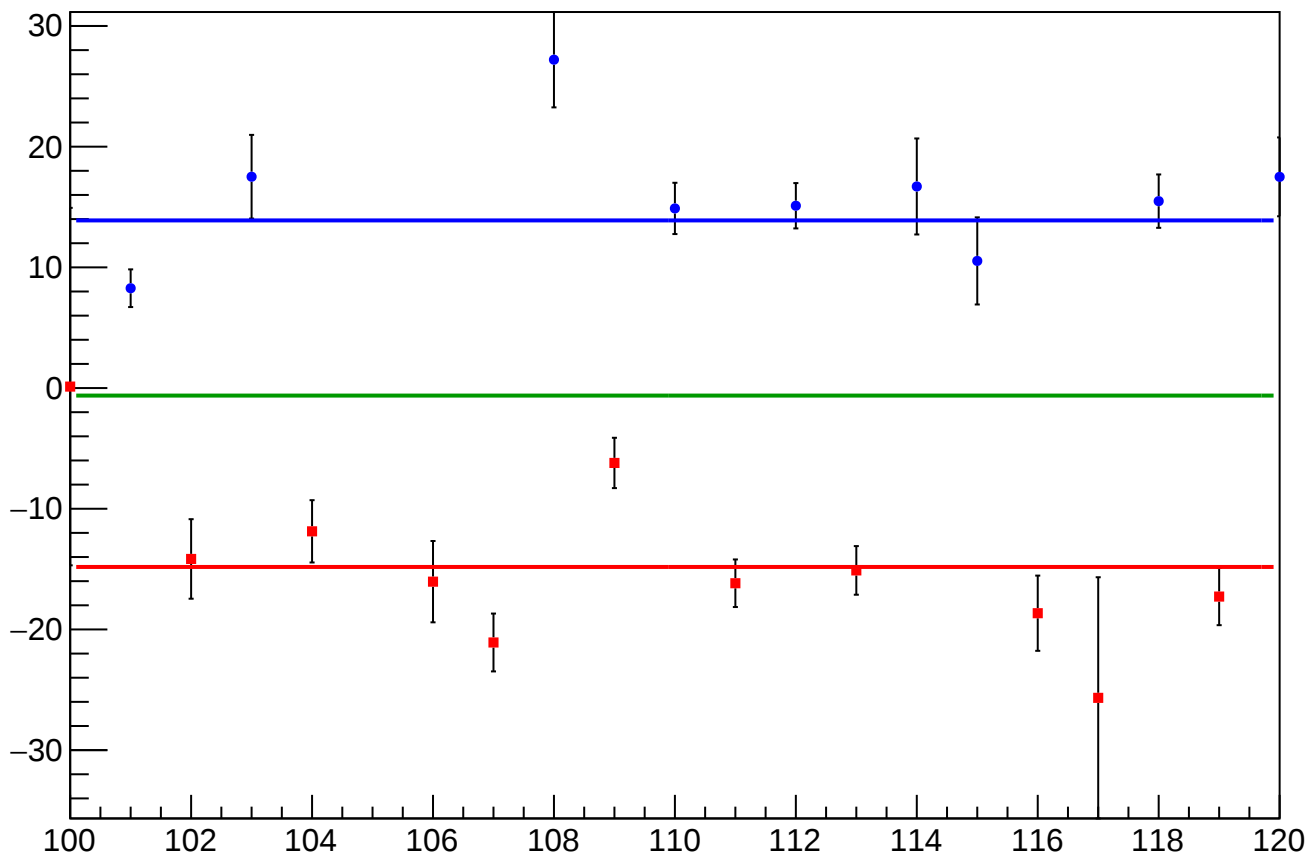
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-40.387 ± 1.224 $\chi^2/\text{NDF}: 104.5/8$

3.042 ± 0.831 $\chi^2/\text{NDF}: 2599.5/19$

40.236 ± 1.133 $\chi^2/\text{NDF}: 158.5/10$

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.890 $\pm$ 0.816 χ^2 /NDF: 29.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.823 $\pm$ 0.807 χ^2 /NDF: 30.7/10

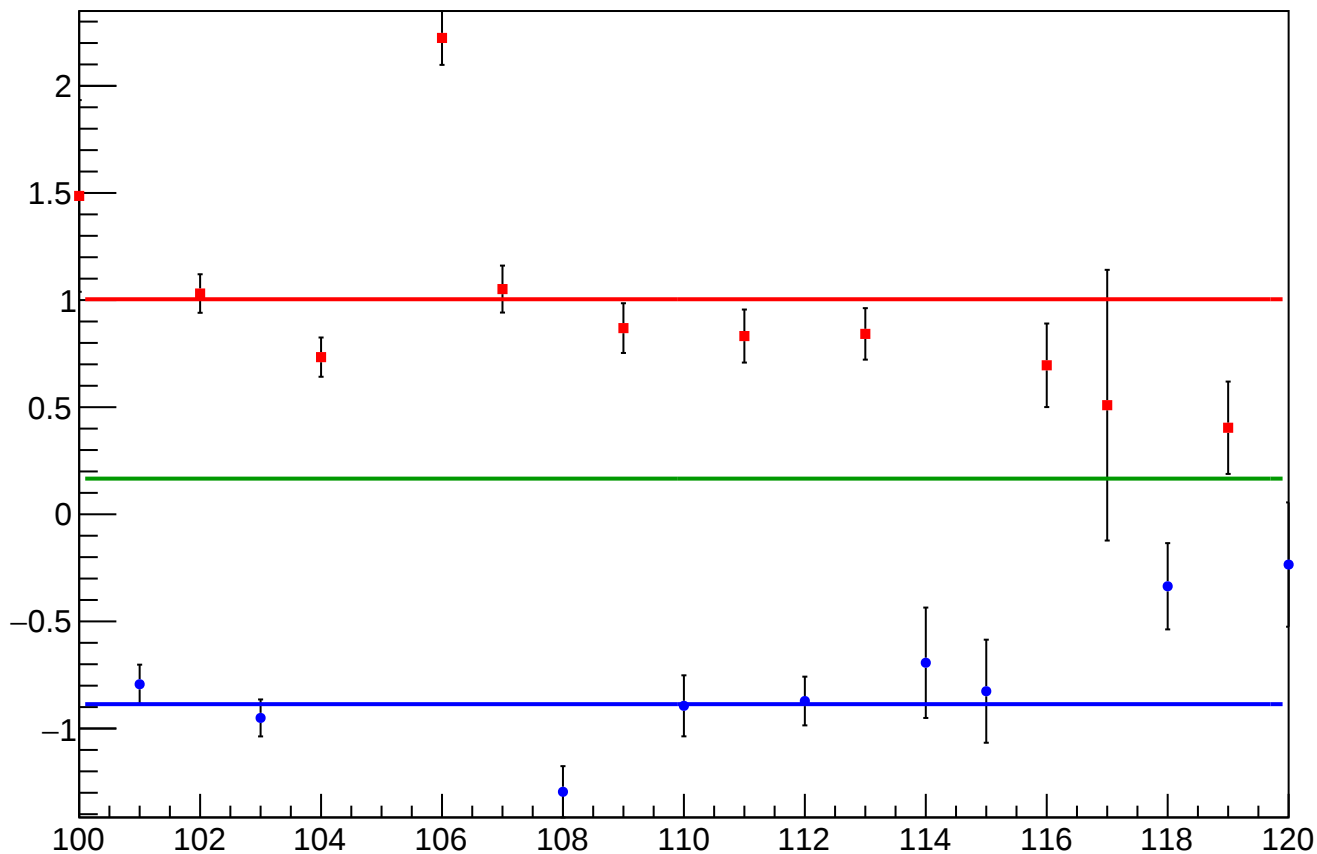
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13.890 $\pm$ 0.816 χ^2 /NDF: 29.1/8

-0.623 $\pm$ 0.574 χ^2 /NDF: 685.2/19

-14.823 $\pm$ 0.807 χ^2 /NDF: 30.7/10

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.886 $\pm$ 0.044 χ^2/NDF : 26.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1.004 $\pm$ 0.039 χ^2/NDF : 120.2/10

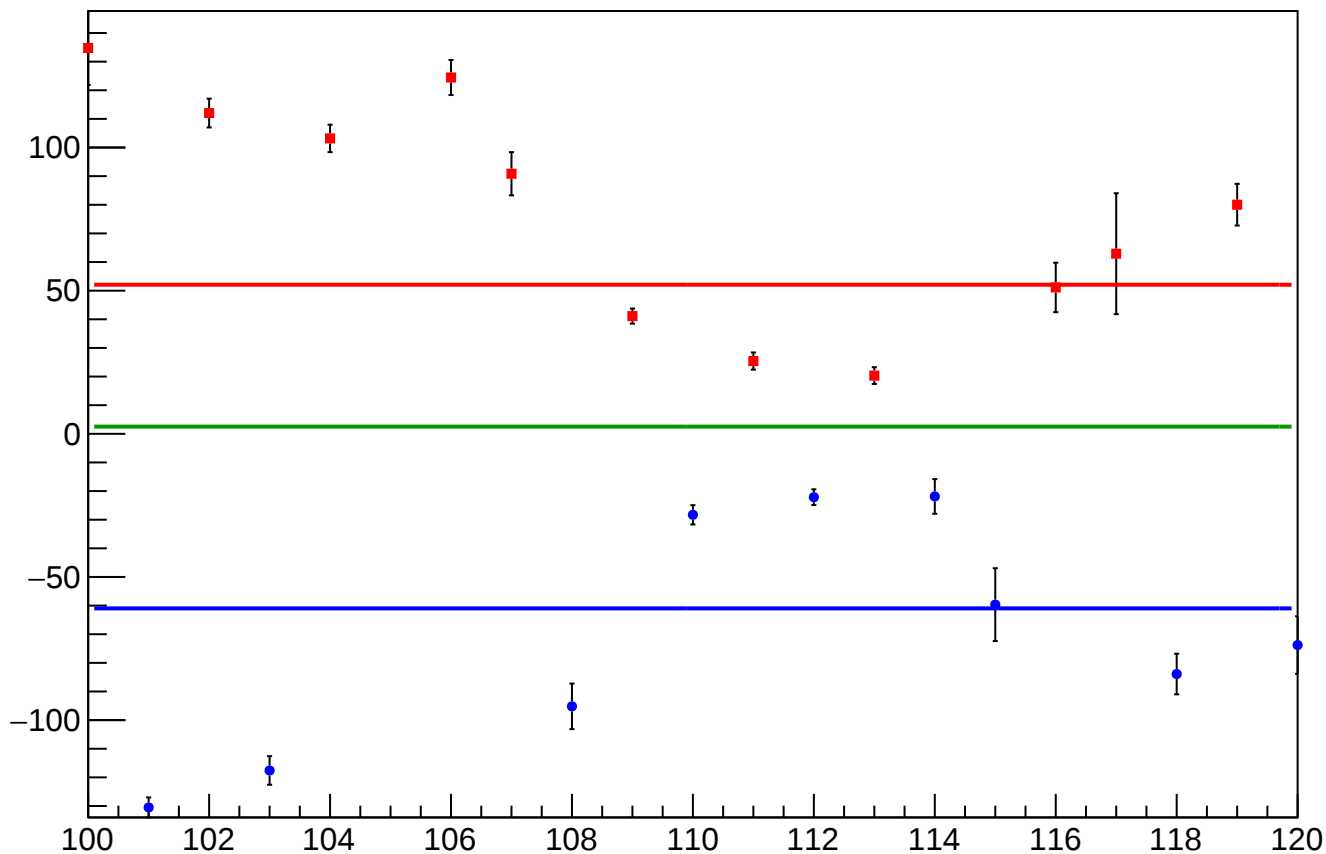
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.886 $\pm$ 0.044 χ^2/NDF : 26.4/8

0.167 $\pm$ 0.029 χ^2/NDF : 1180.3/19

1.004 $\pm$ 0.039 χ^2/NDF : 120.2/10

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -60.967 ± 1.542 $\chi^2/\text{NDF}: 888.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.080 ± 1.362 $\chi^2/\text{NDF}: 692.4/10$

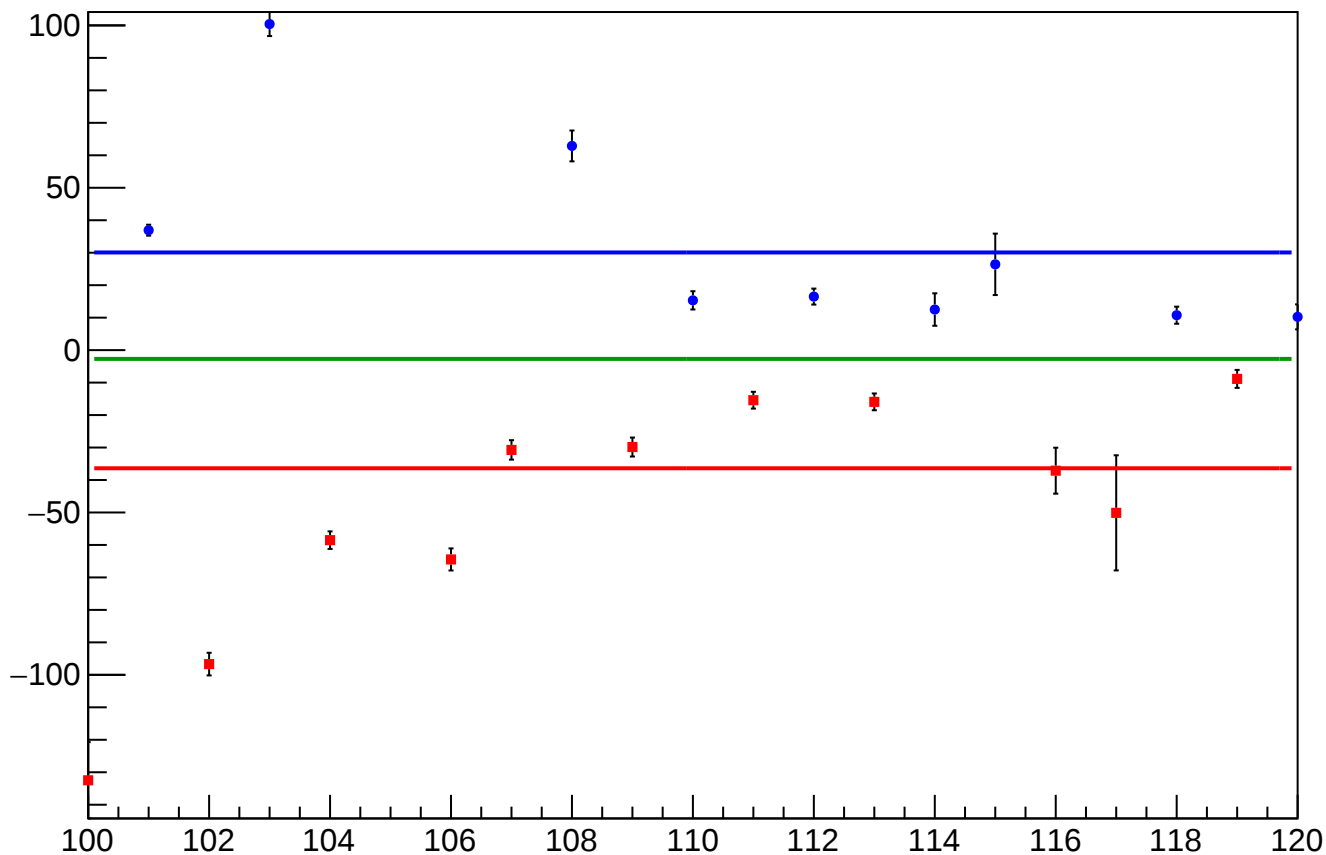
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-60.967 ± 1.542 $\chi^2/\text{NDF}: 888.9/8$

2.517 ± 1.021 $\chi^2/\text{NDF}: 4600.3/19$

52.080 ± 1.362 $\chi^2/\text{NDF}: 692.4/10$

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.078+/-0.989 χ^2/NDF : 575.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.386+/-1.003 χ^2/NDF : 738.1/10

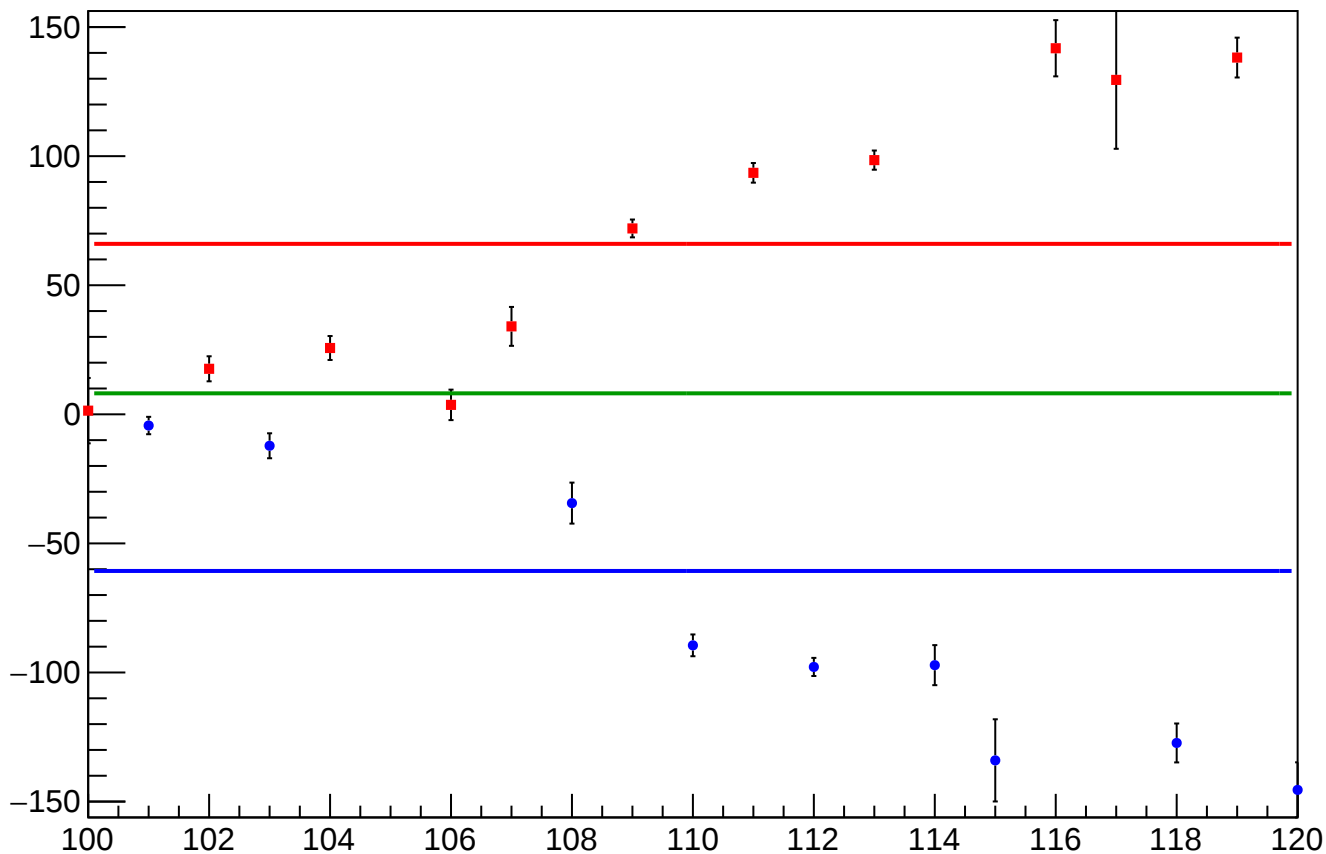
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.078+/-0.989 χ^2/NDF : 575.7/8

-2.702+/-0.704 χ^2/NDF : 3540.7/19

-36.386+/-1.003 χ^2/NDF : 738.1/10

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.675+/-1.738 χ^2/NDF : 734.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.029+/-1.594 χ^2/NDF : 603.9/10

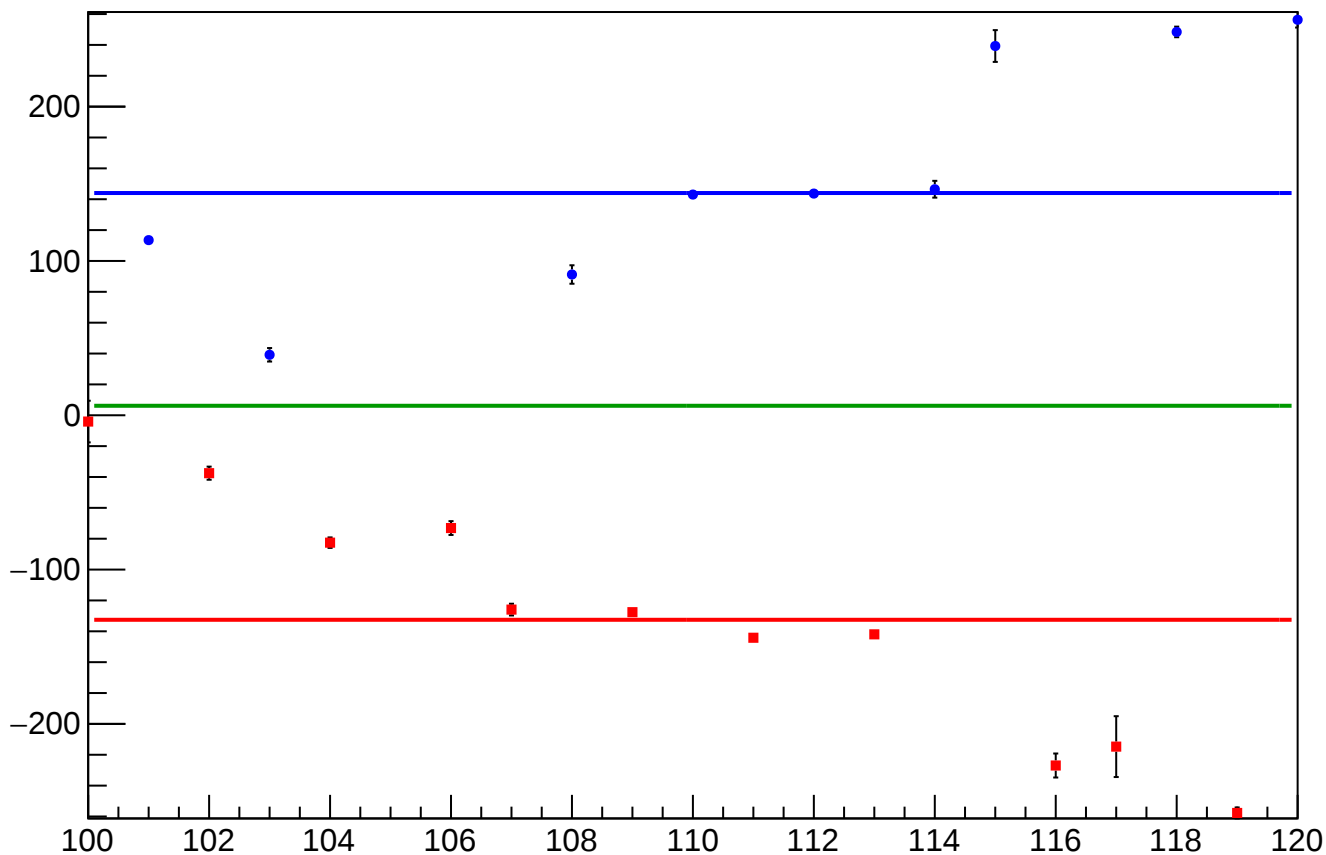
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.675+/-1.738 χ^2/NDF : 734.9/8

8.129+/-1.175 χ^2/NDF : 4226.3/19

66.029+/-1.594 χ^2/NDF : 603.9/10

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 144.022+/-1.173 χ^2/NDF : 2379.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.534+/-1.177 χ^2/NDF : 2413.7/10

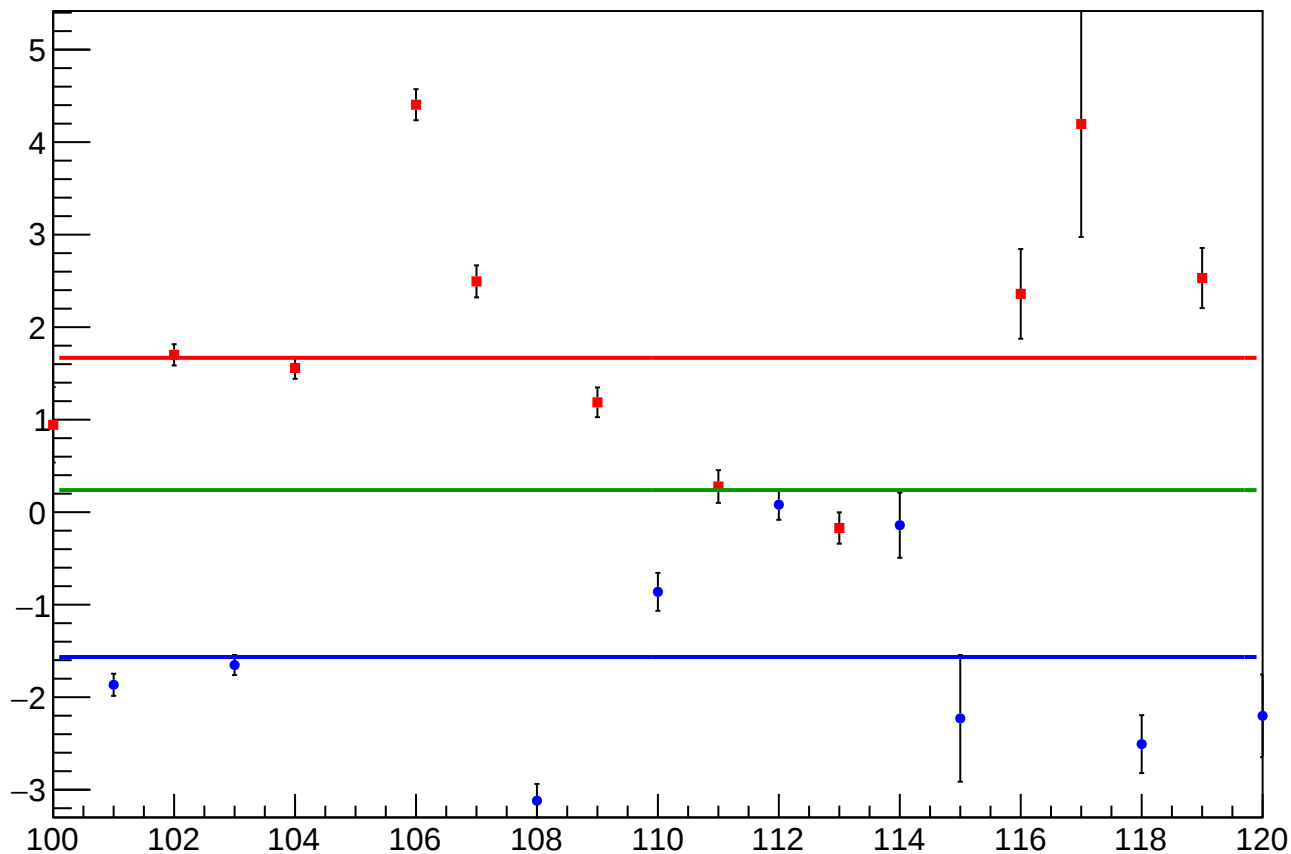
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

144.022+/-1.173 χ^2/NDF : 2379.8/8

6.154+/-0.831 χ^2/NDF : 32493.0/19

-132.534+/-1.177 χ^2/NDF : 2413.7/10

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.566+/-0.061 χ^2/NDF : 222.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.669+/-0.054 χ^2/NDF : 494.7/10

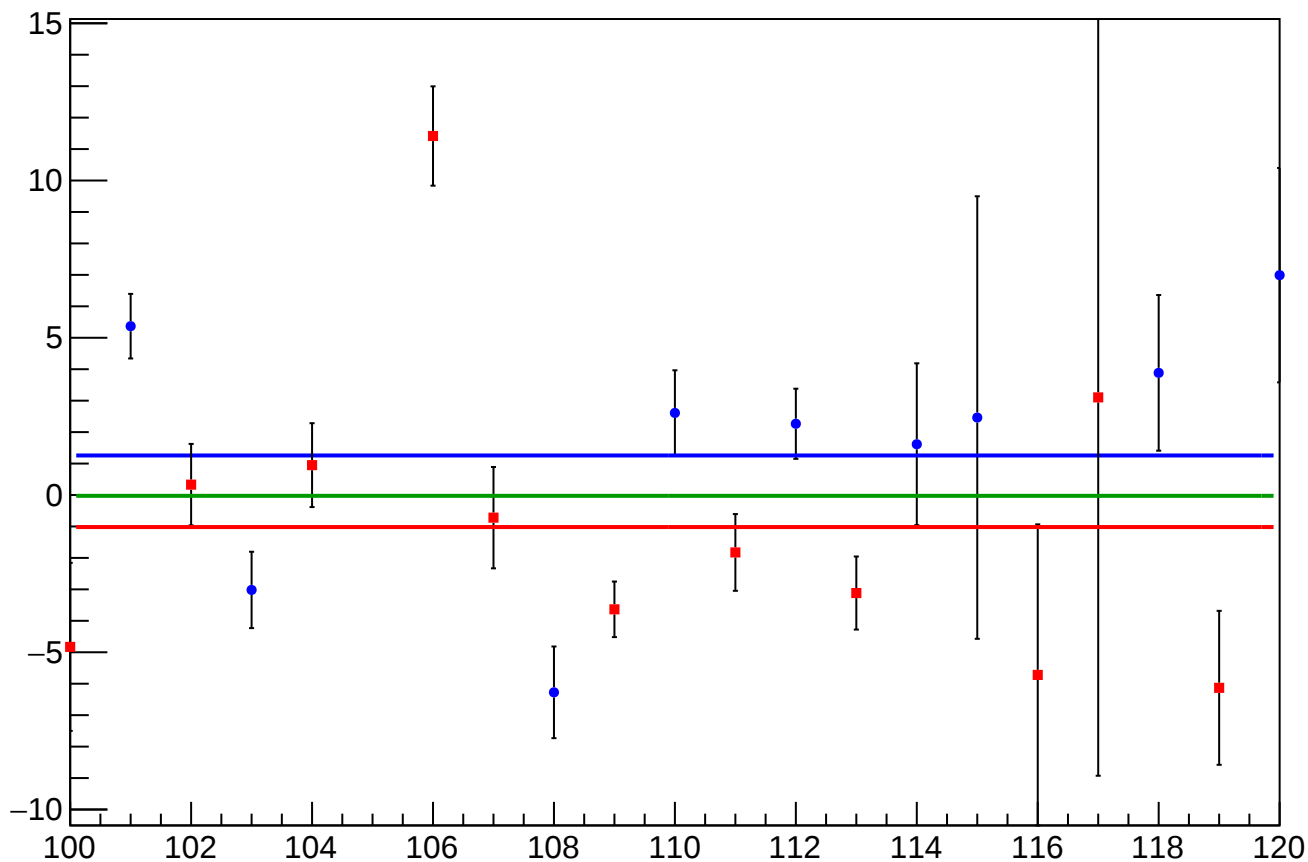
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.566+/-0.061 χ^2/NDF : 222.4/8

0.239+/-0.040 χ^2/NDF : 2305.7/19

1.669+/-0.054 χ^2/NDF : 494.7/10

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.257+/-0.509 χ^2/NDF : 61.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.019+/-0.447 χ^2/NDF : 85.3/10

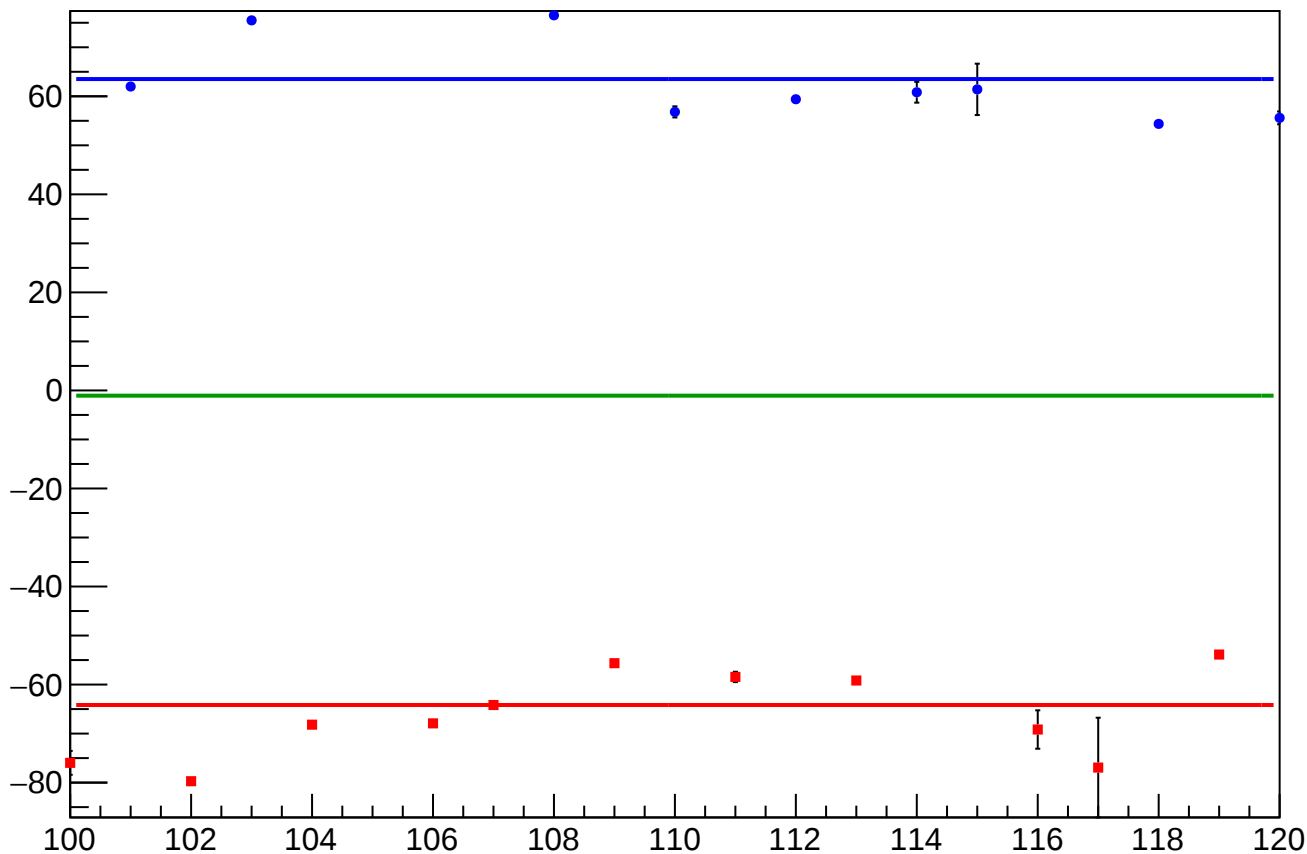
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.257+/-0.509 χ^2/NDF : 61.0/8

-0.026+/-0.336 χ^2/NDF : 157.5/19

-1.019+/-0.447 χ^2/NDF : 85.3/10

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 63.517+/-0.312 χ^2/NDF : 593.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.168+/-0.308 χ^2/NDF : 595.0/10

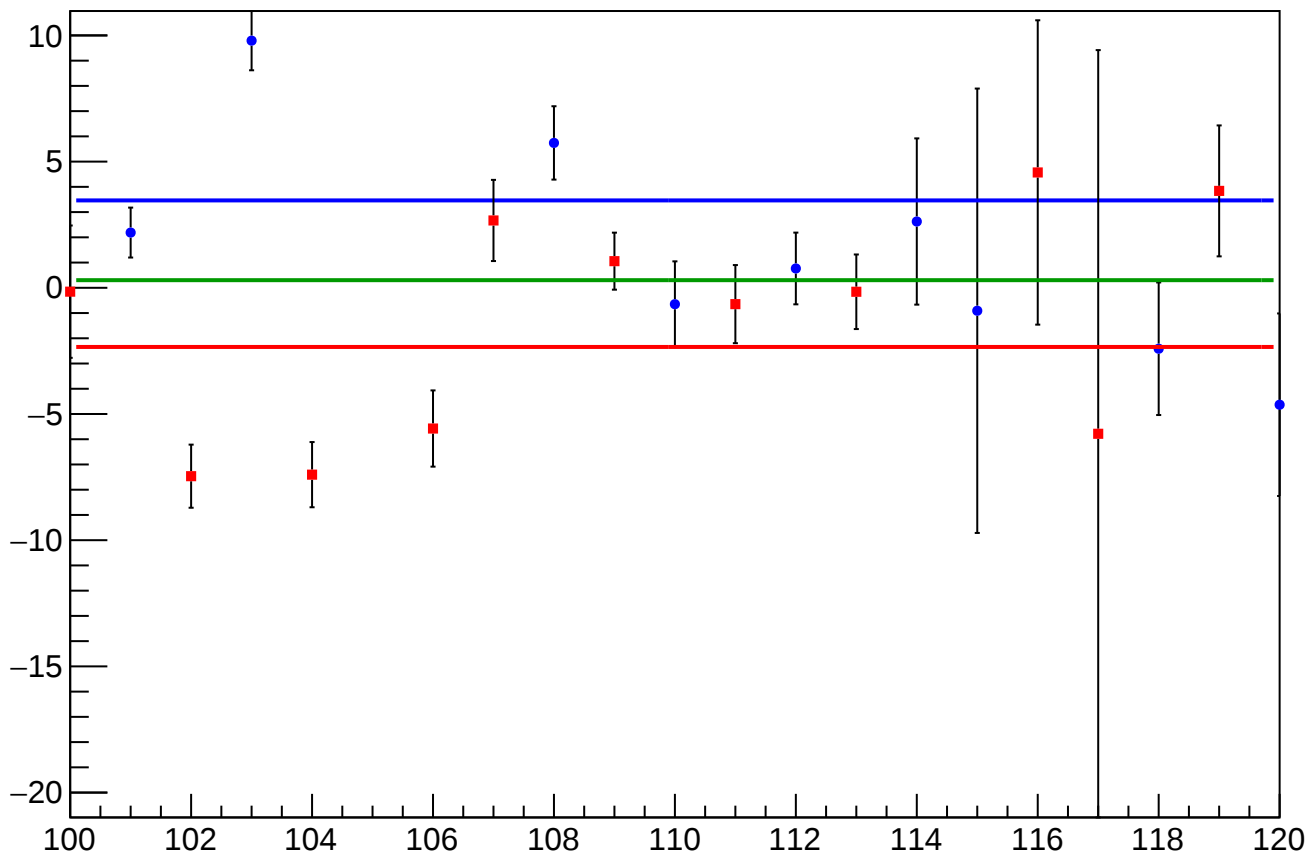
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.517+/-0.312 χ^2/NDF : 593.3/8

-1.067+/-0.219 χ^2/NDF : 86118.6/19

-64.168+/-0.308 χ^2/NDF : 595.0/10

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.463 $\pm$ 0.543 χ^2 /NDF: 53.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.344 $\pm$ 0.497 χ^2 /NDF: 66.6/10

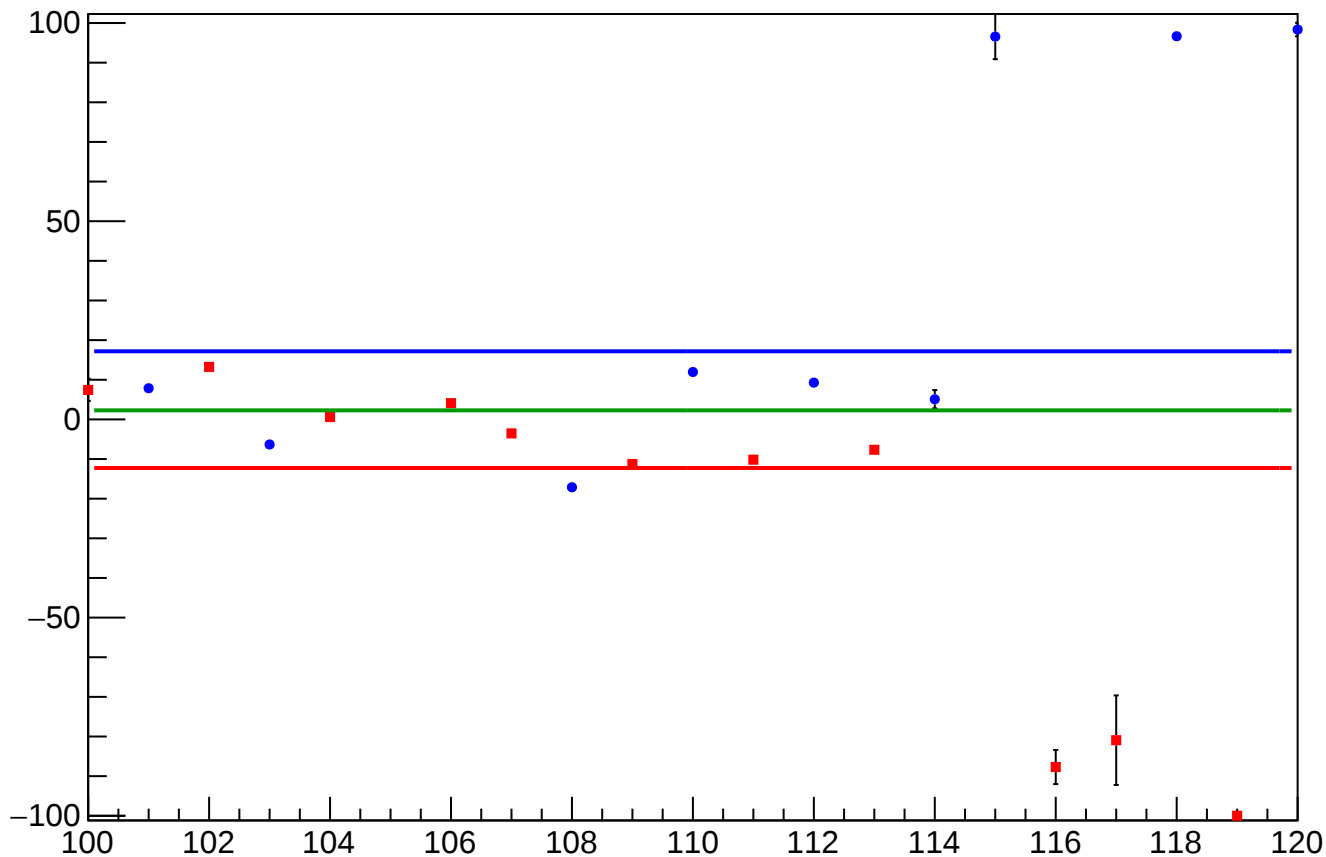
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.463 $\pm$ 0.543 χ^2 /NDF: 53.0/8

0.302 $\pm$ 0.367 χ^2 /NDF: 181.8/19

-2.344 $\pm$ 0.497 χ^2 /NDF: 66.6/10

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.181 ± 0.375 χ^2/NDF : 8660.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.253 ± 0.370 χ^2/NDF : 6739.7/10

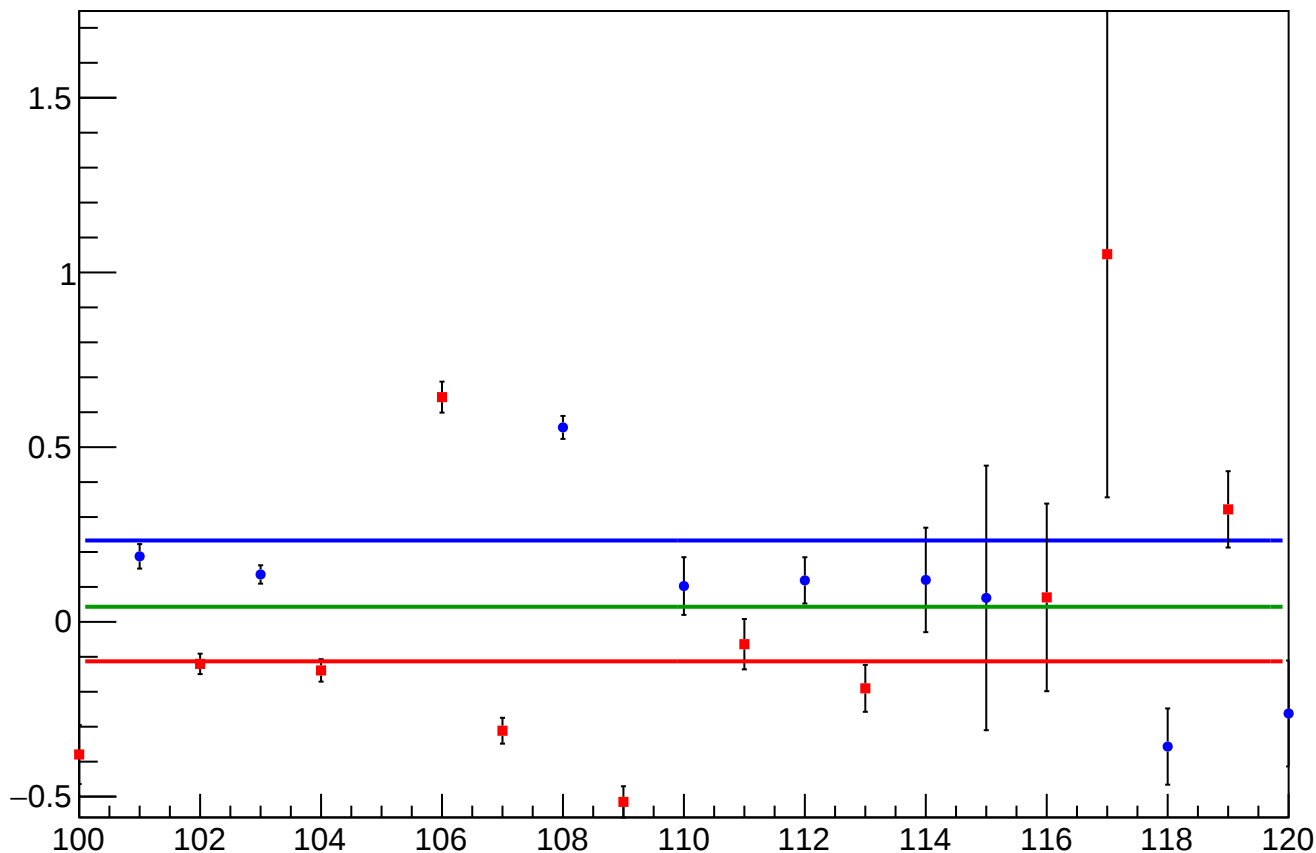
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

17.181 ± 0.375 χ^2/NDF : 8660.8/8

2.281 ± 0.263 χ^2/NDF : 18524.4/19

-12.253 ± 0.370 χ^2/NDF : 6739.7/10

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.233+/-0.016 χ^2/NDF : 158.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.113+/-0.015 χ^2/NDF : 432.5/10

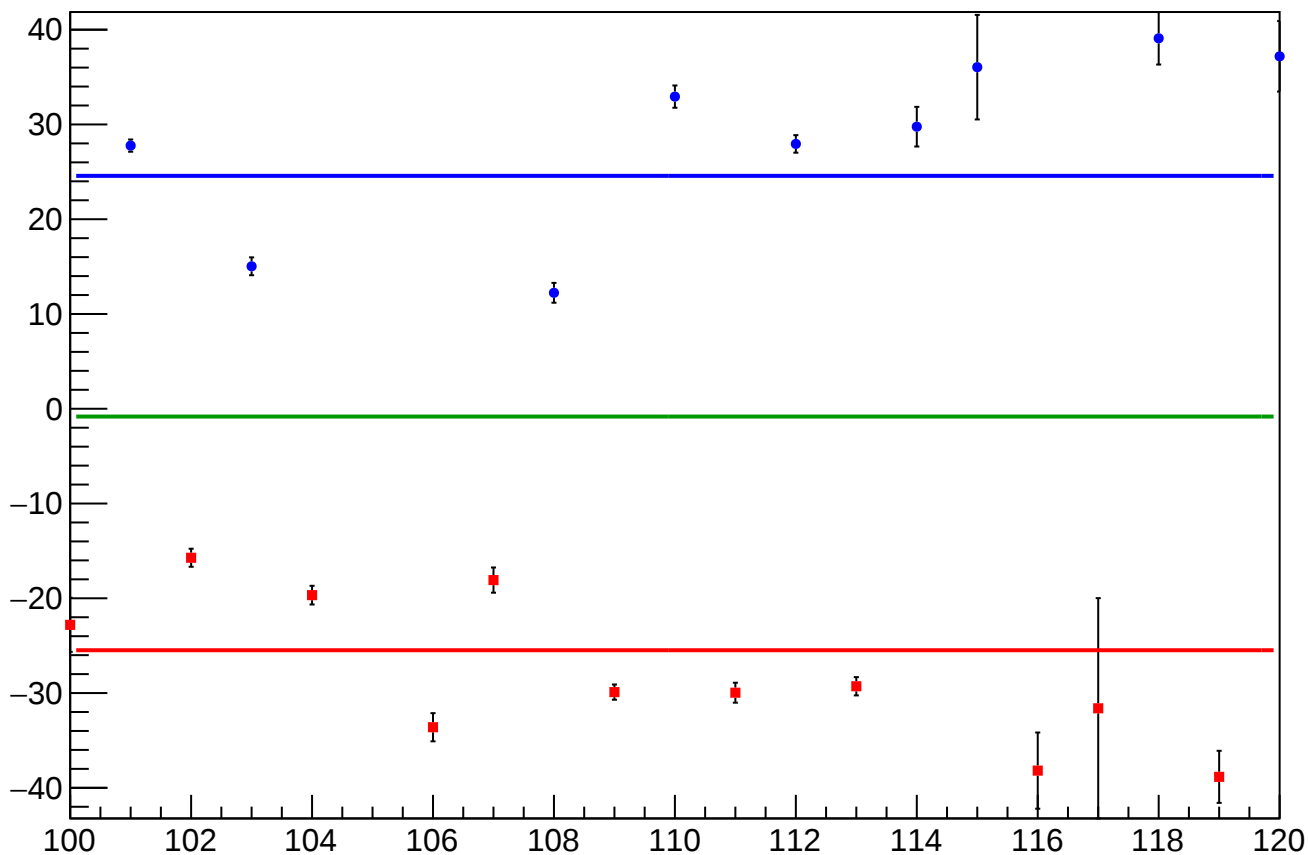
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.233+/-0.016 χ^2/NDF : 158.4/8

0.043+/-0.011 χ^2/NDF : 836.2/19

-0.113+/-0.015 χ^2/NDF : 432.5/10

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 24.577+/-0.384 χ^2/NDF : 379.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.481+/-0.378 χ^2/NDF : 299.4/10

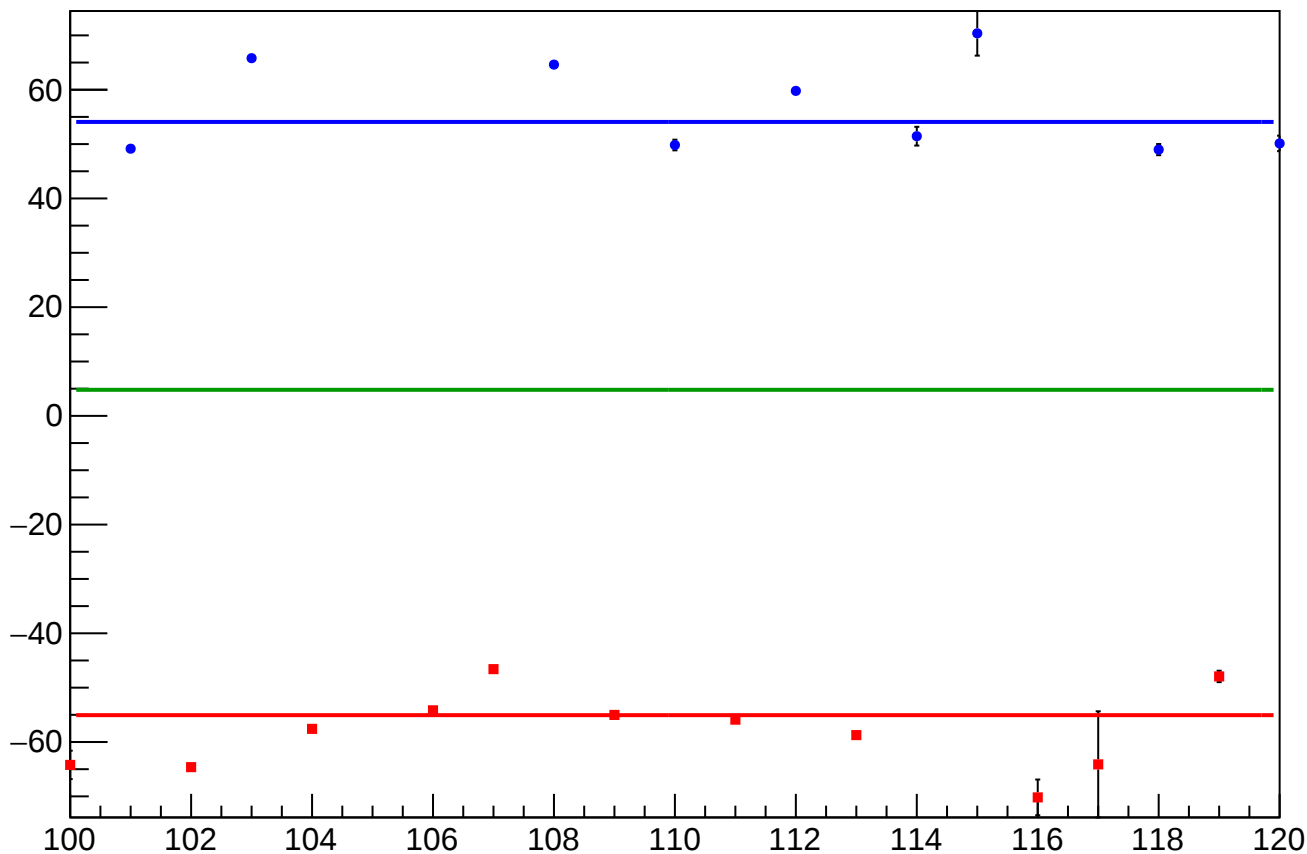
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.577+/-0.384 χ^2/NDF : 379.3/8

-0.823+/-0.269 χ^2/NDF : 9319.4/19

-25.481+/-0.378 χ^2/NDF : 299.4/10

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.078 $\pm$ 0.231 χ^2/NDF : 917.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -55.060 $\pm$ 0.255 χ^2/NDF : 565.2/10

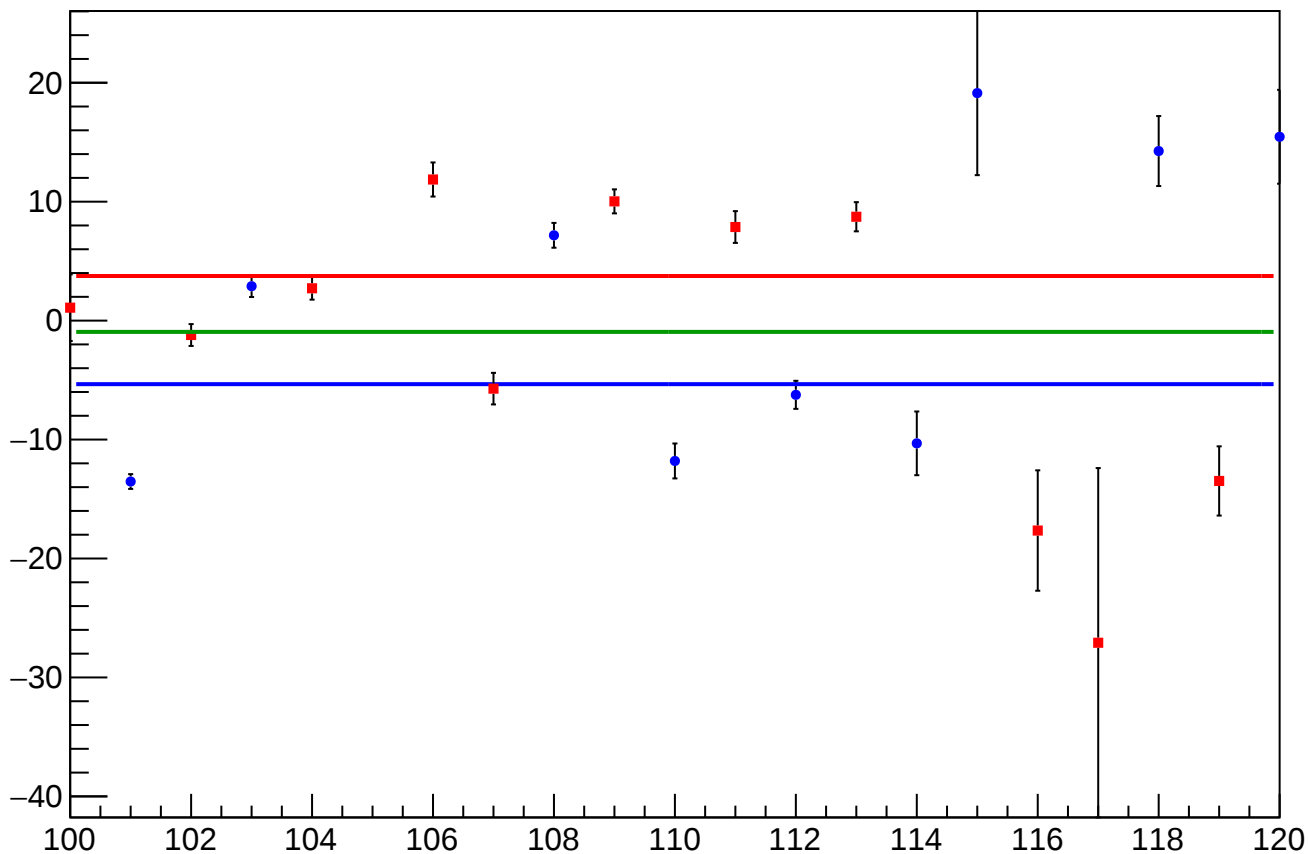
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

54.078 $\pm$ 0.231 χ^2/NDF : 917.4/8

4.796 $\pm$ 0.171 χ^2/NDF : 101882.3/19

-55.060 $\pm$ 0.255 χ^2/NDF : 565.2/10

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.342 $\pm$ 0.401 χ^2 /NDF: 507.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.751 $\pm$ 0.414 χ^2 /NDF: 236.2/10

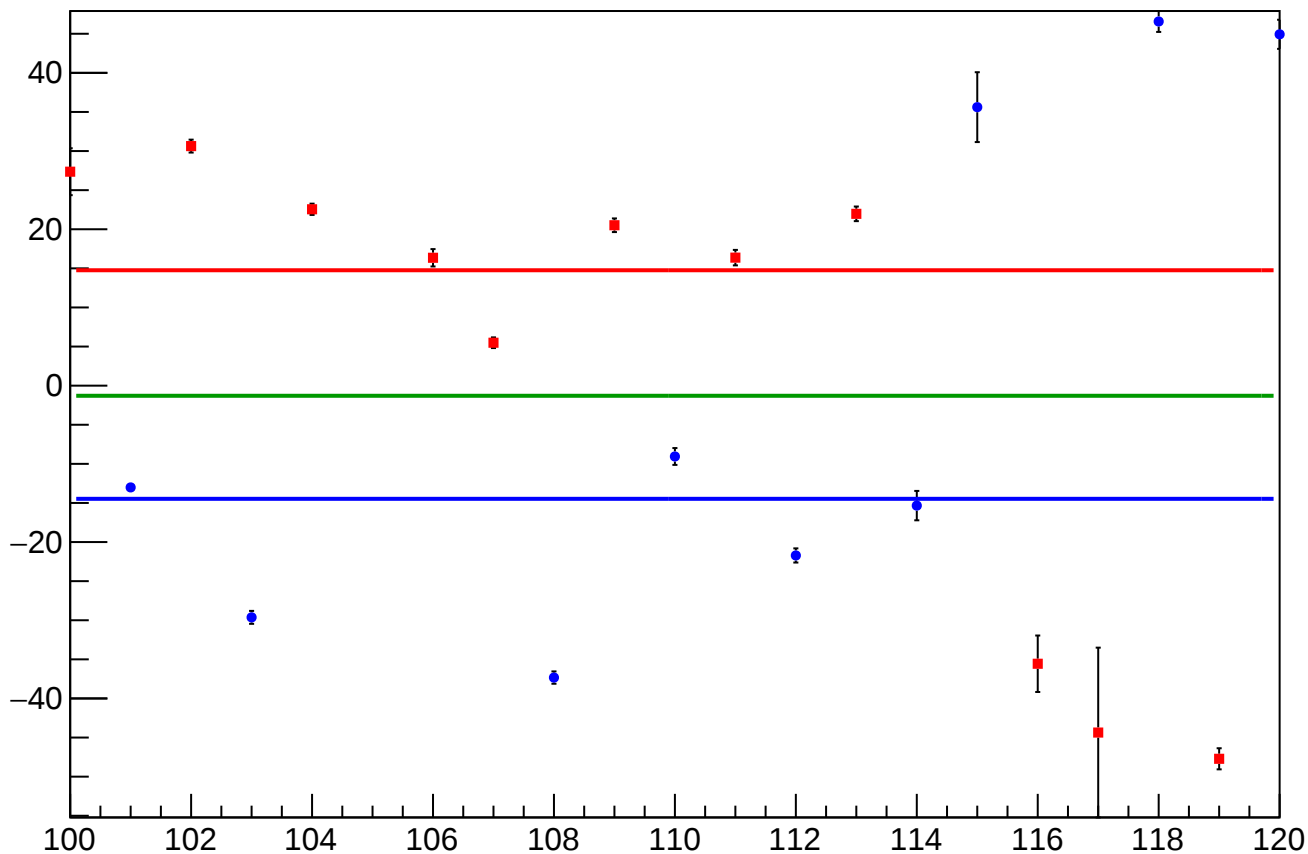
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-5.342 $\pm$ 0.401 χ^2 /NDF: 507.1/8

-0.948 $\pm$ 0.288 χ^2 /NDF: 992.3/19

3.751 $\pm$ 0.414 χ^2 /NDF: 236.2/10

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.472 ± 0.278 $\chi^2/\text{NDF}: 4508.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 14.757 ± 0.307 $\chi^2/\text{NDF}: 3165.3/10$

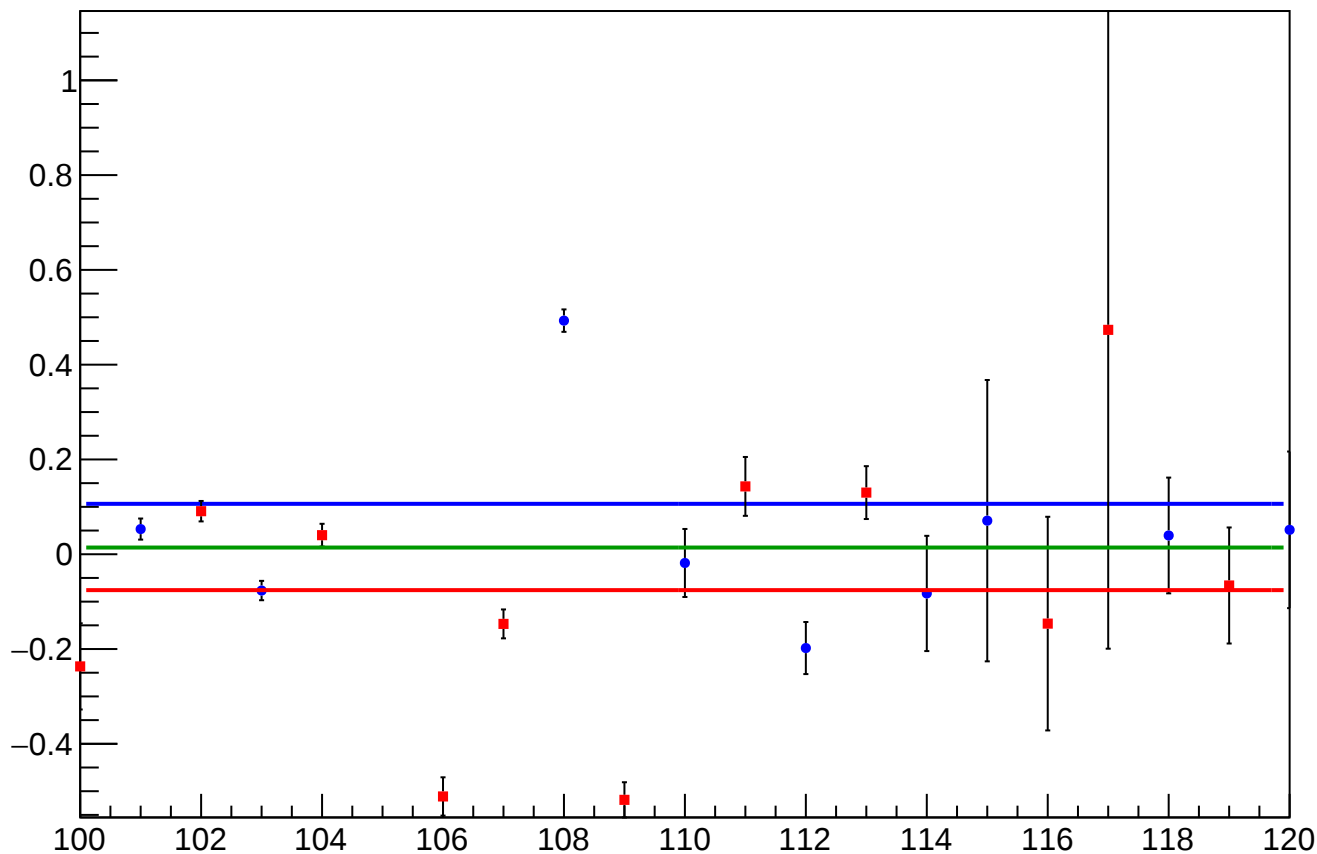
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-14.472 ± 0.278 $\chi^2/\text{NDF}: 4508.7/8$

-1.294 ± 0.206 $\chi^2/\text{NDF}: 12640.5/19$

14.757 ± 0.307 $\chi^2/\text{NDF}: 3165.3/10$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.106+/-0.012 χ^2/NDF : 389.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.076+/-0.012 χ^2/NDF : 376.4/10

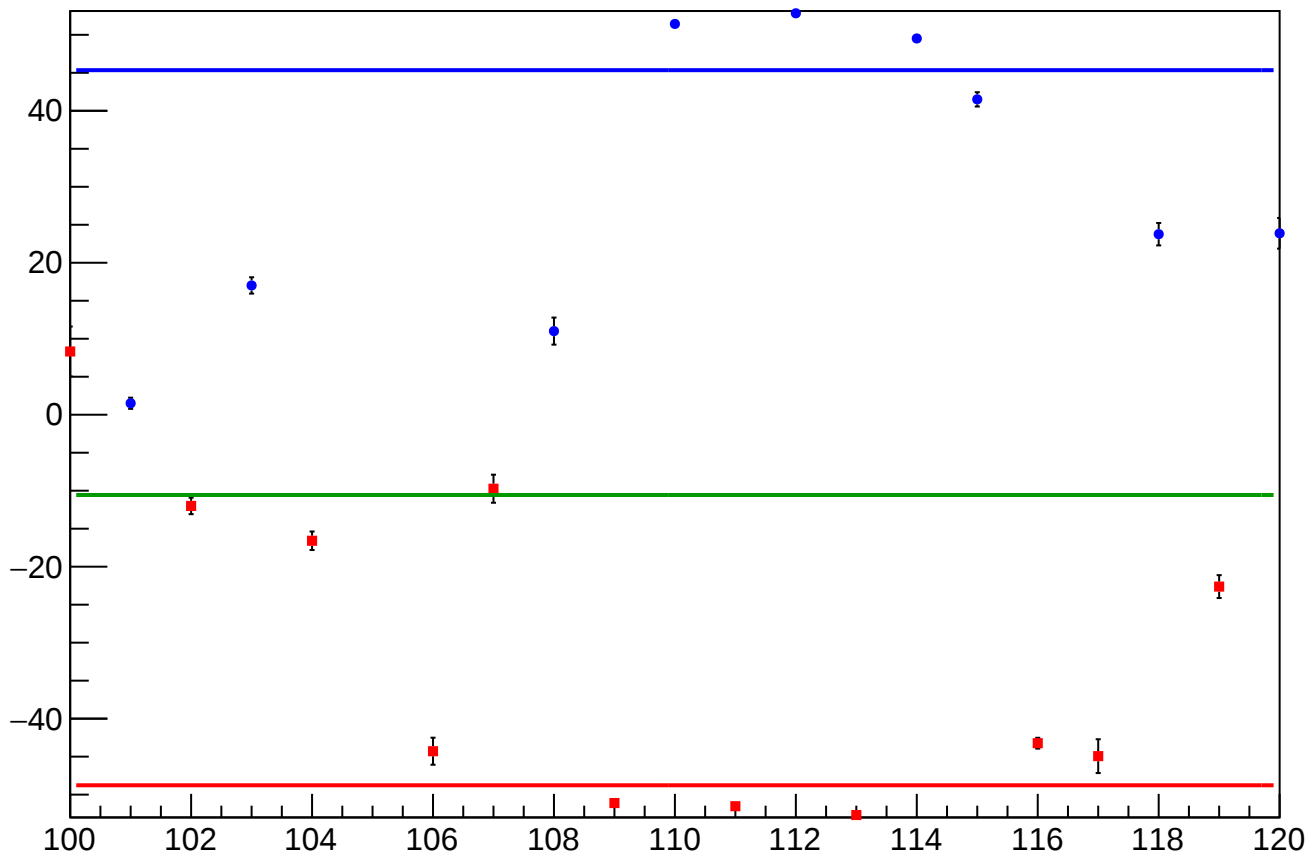
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.106+/-0.012 χ^2/NDF : 389.5/8

0.014+/-0.008 χ^2/NDF : 882.0/19

-0.076+/-0.012 χ^2/NDF : 376.4/10

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 45.346 ± 0.199 $\chi^2/\text{NDF}: 5875.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -48.769 ± 0.164 $\chi^2/\text{NDF}: 3257.0/10$

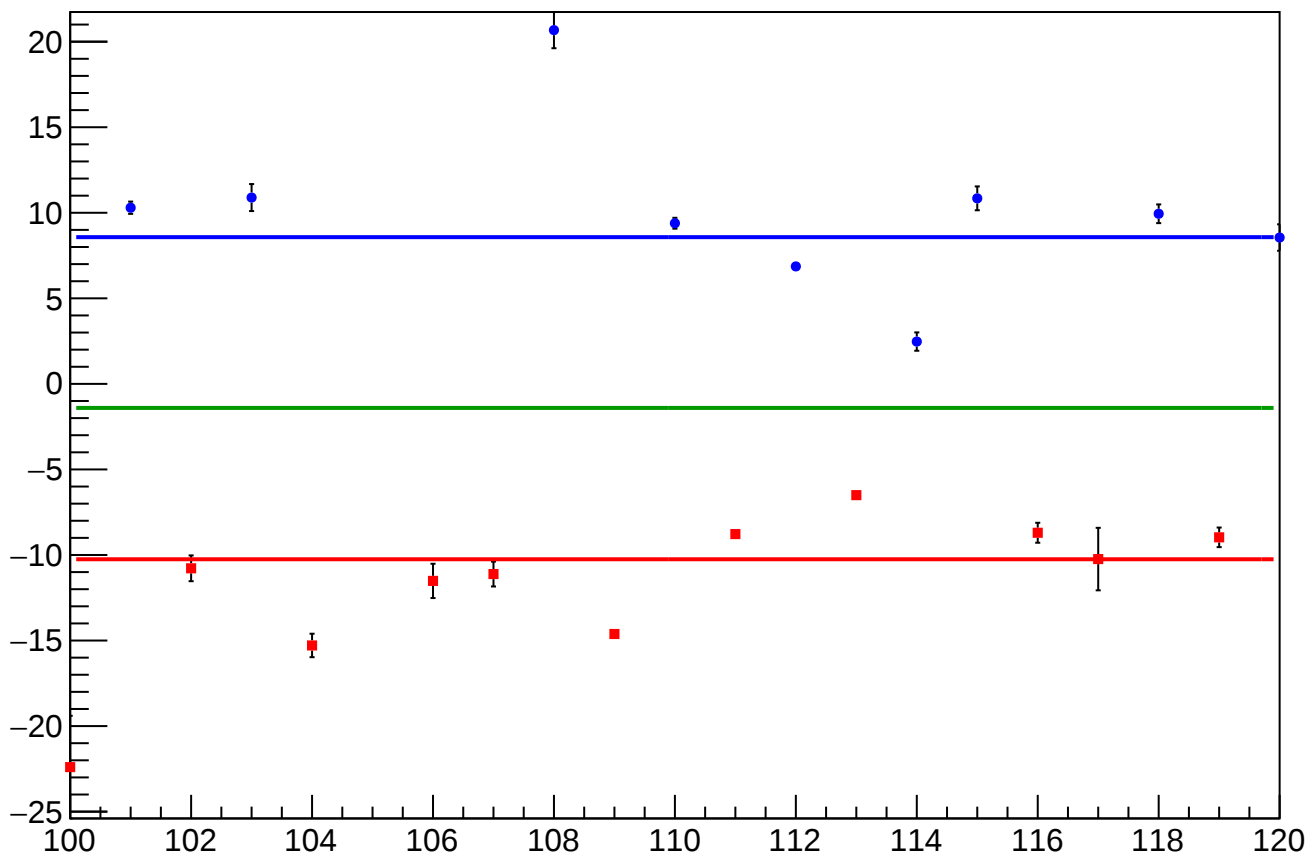
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

45.346 ± 0.199 $\chi^2/\text{NDF}: 5875.3/8$

-10.563 ± 0.127 $\chi^2/\text{NDF}: 142261.1/19$

-48.769 ± 0.164 $\chi^2/\text{NDF}: 3257.0/10$

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.576+/-0.149 χ^2/NDF : 356.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.250+/-0.141 χ^2/NDF : 534.9/10

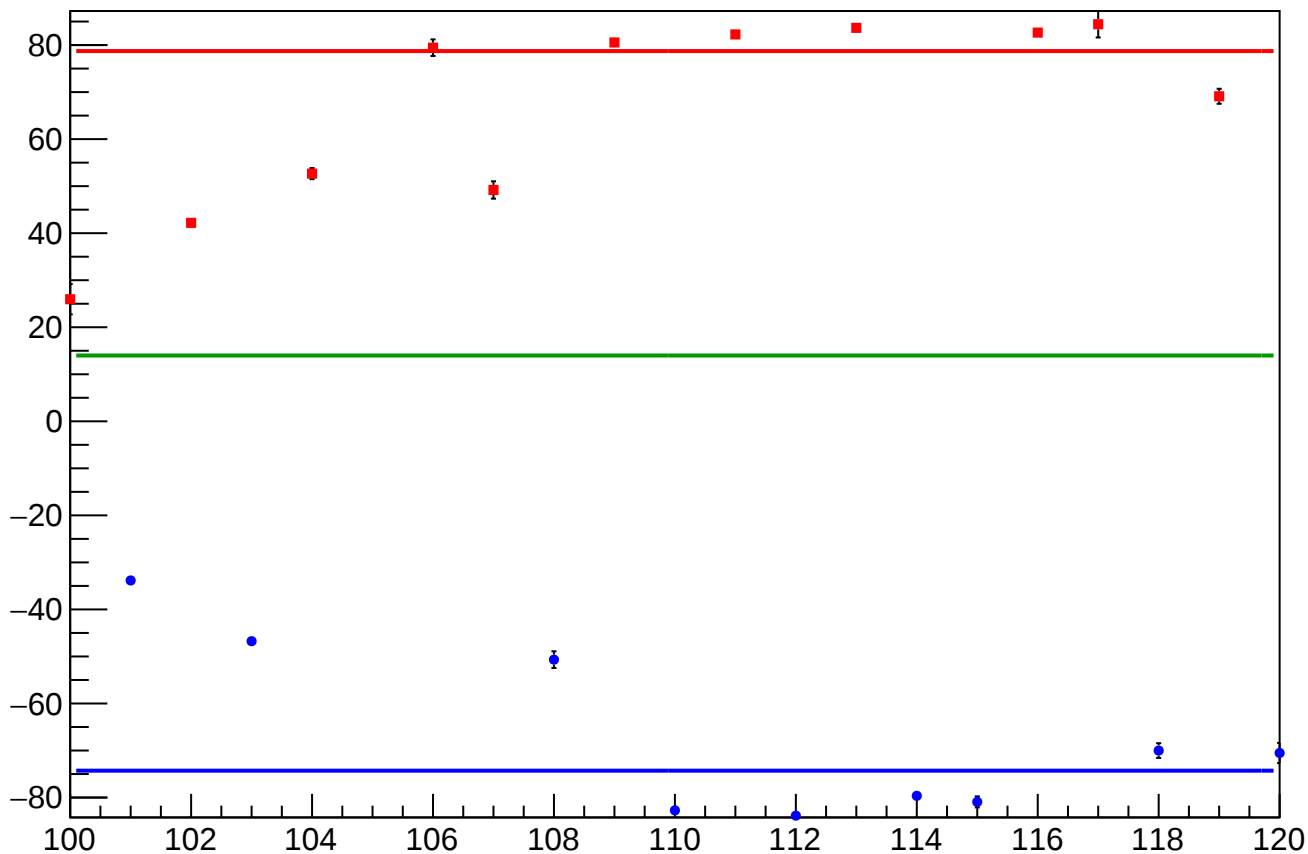
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.576+/-0.149 χ^2/NDF : 356.6/8

-1.405+/-0.102 χ^2/NDF : 9314.4/19

-10.250+/-0.141 χ^2/NDF : 534.9/10

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.282 ± 0.240 χ^2/NDF : 5156.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 78.727 ± 0.206 χ^2/NDF : 2532.0/10

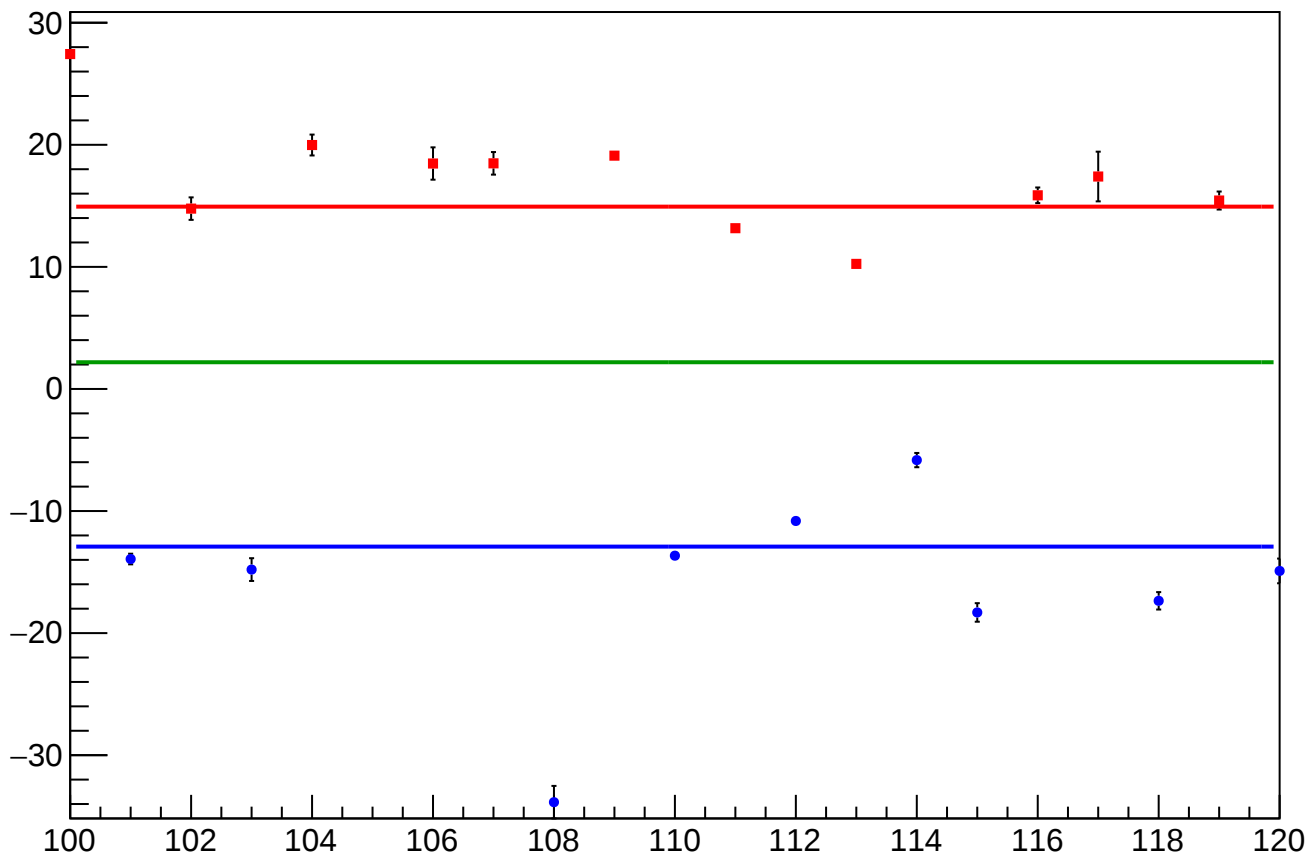
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-74.282 ± 0.240 χ^2/NDF : 5156.1/8

13.991 ± 0.156 χ^2/NDF : 241753.9/19

78.727 ± 0.206 χ^2/NDF : 2532.0/10

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.914 $\pm$ 0.170 χ^2 /NDF: 552.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.935 $\pm$ 0.156 χ^2 /NDF: 536.3/10

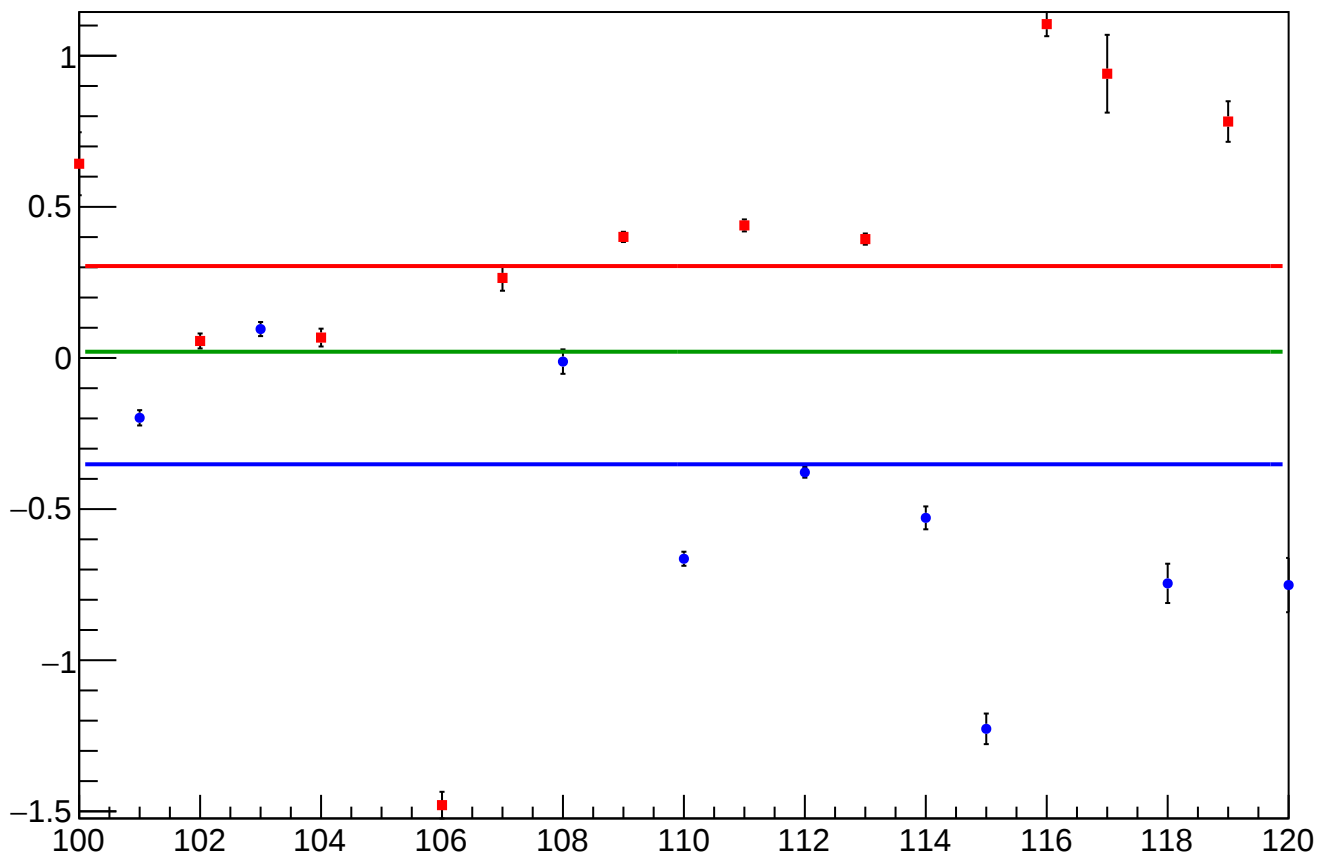
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.914 $\pm$ 0.170 χ^2 /NDF: 552.5/8

2.189 $\pm$ 0.115 χ^2 /NDF: 15611.9/19

14.935 $\pm$ 0.156 χ^2 /NDF: 536.3/10

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.352 ± 0.010 χ^2/NDF : 1036.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.304 ± 0.009 χ^2/NDF : 2391.1/10

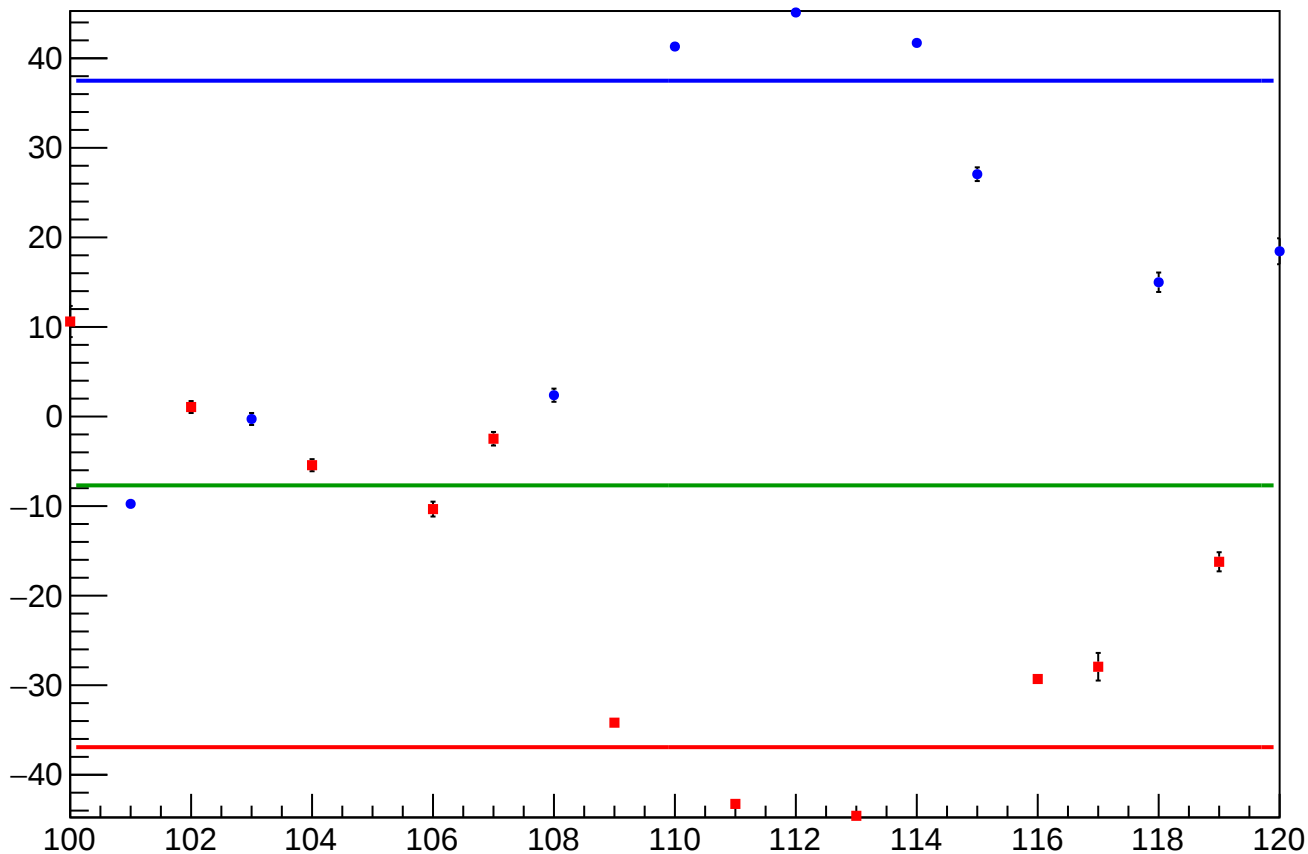
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.352 ± 0.010 χ^2/NDF : 1036.4/8

0.021 ± 0.006 χ^2/NDF : 5993.3/19

0.304 ± 0.009 χ^2/NDF : 2391.1/10

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.496+/-0.113 χ^2/NDF : 18464.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.917+/-0.091 χ^2/NDF : 13285.2/10

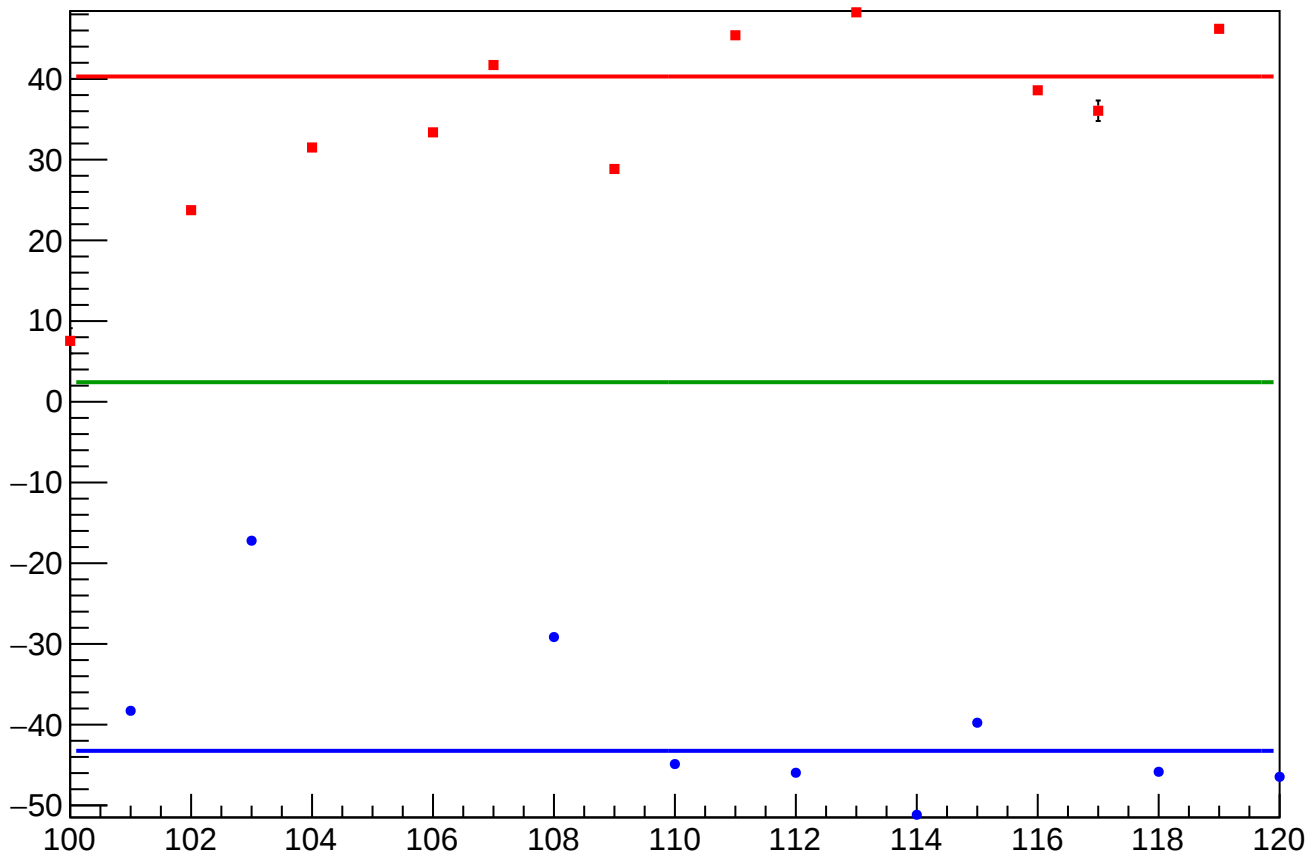
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.496+/-0.113 χ^2/NDF : 18464.1/8

-7.687+/-0.071 χ^2/NDF : 294849.3/19

-36.917+/-0.091 χ^2/NDF : 13285.2/10

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.244+/-0.088 χ^2/NDF : 5307.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.302+/-0.080 χ^2/NDF : 10724.7/10

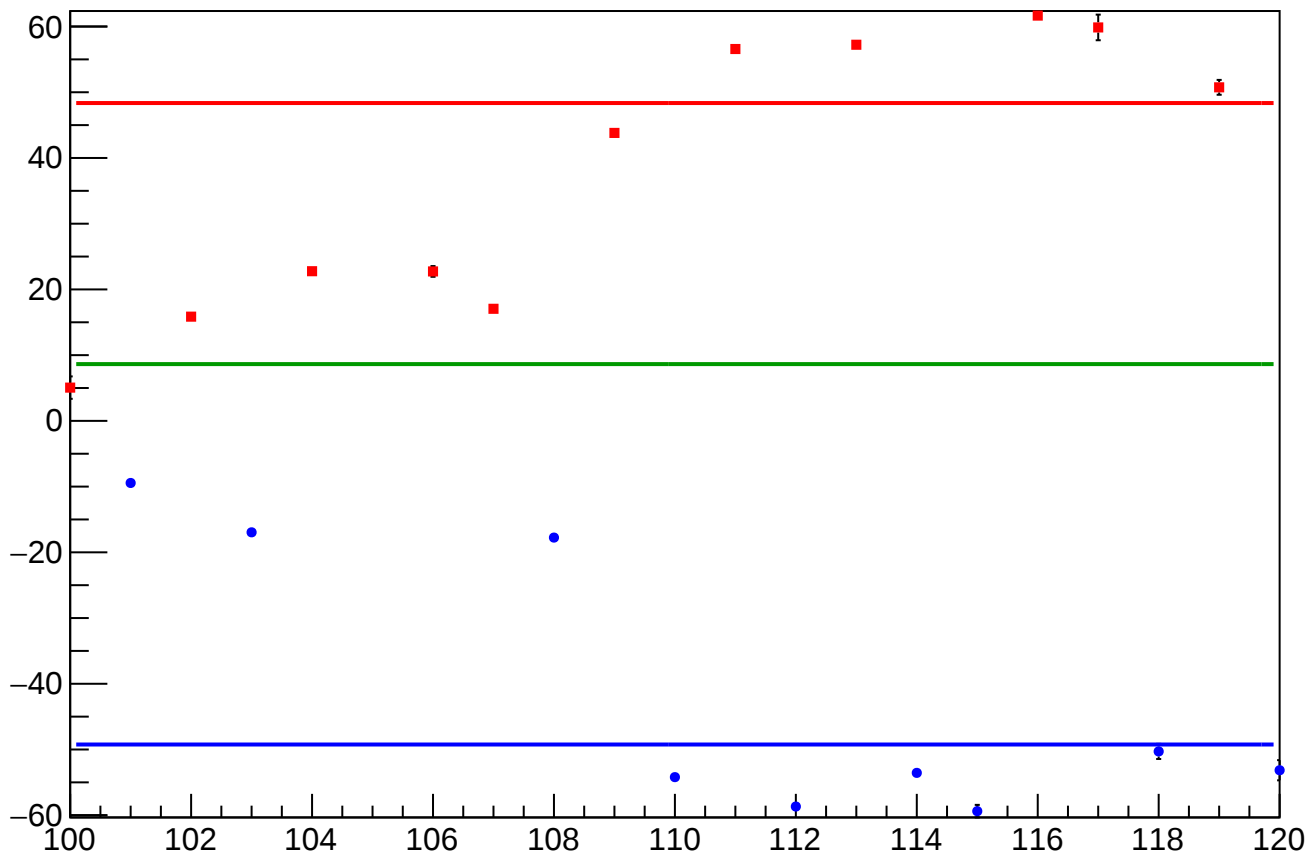
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.244+/-0.088 χ^2/NDF : 5307.8/8

2.427+/-0.059 χ^2/NDF : 507866.8/19

40.302+/-0.080 χ^2/NDF : 10724.7/10

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.241+/-0.138 χ^2/NDF : 14264.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.358+/-0.114 χ^2/NDF : 11232.0/10

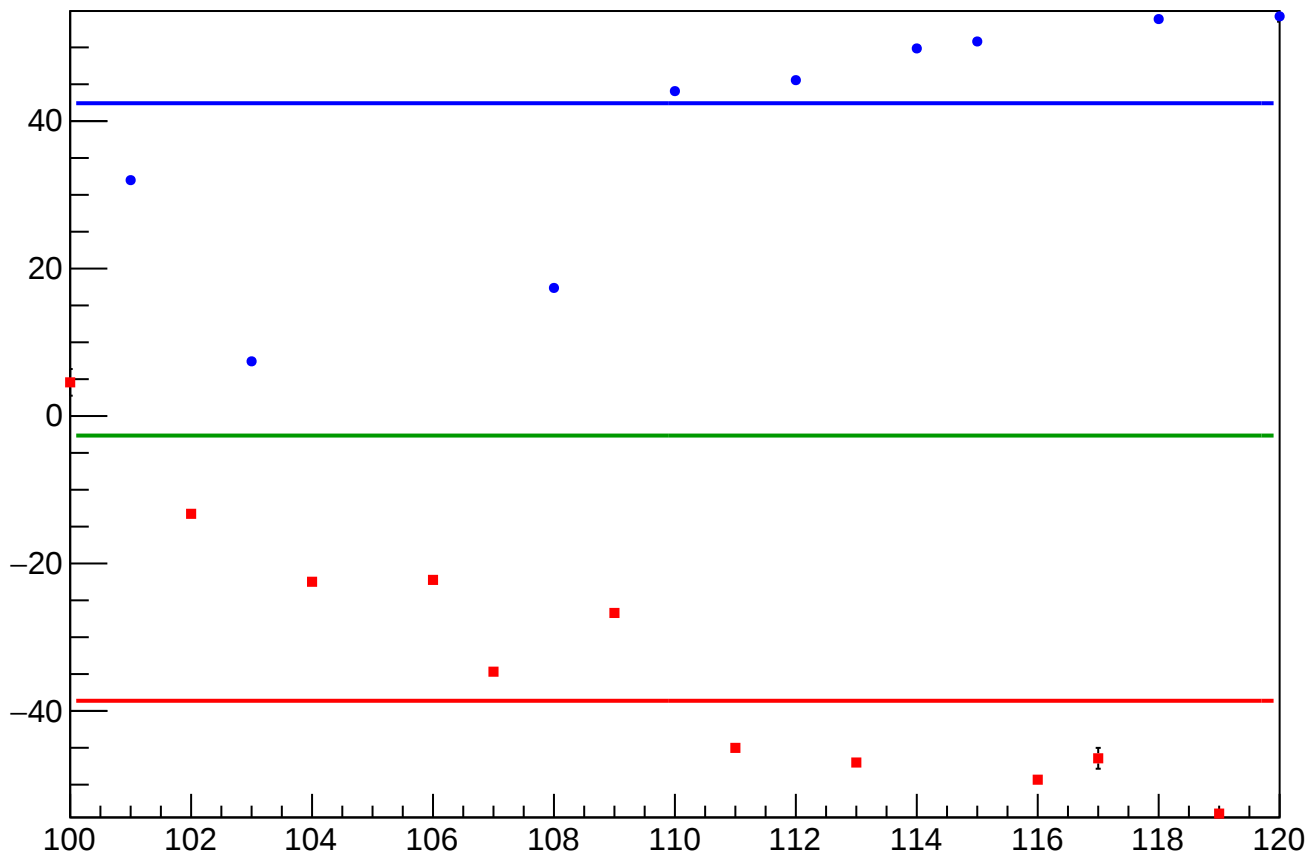
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-49.241+/-0.138 χ^2/NDF : 14264.8/8

8.638+/-0.088 χ^2/NDF : 323789.5/19

48.358+/-0.114 χ^2/NDF : 11232.0/10

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.428+/-0.099 χ^2/NDF : 8705.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-0.089 χ^2/NDF : 14132.8/10

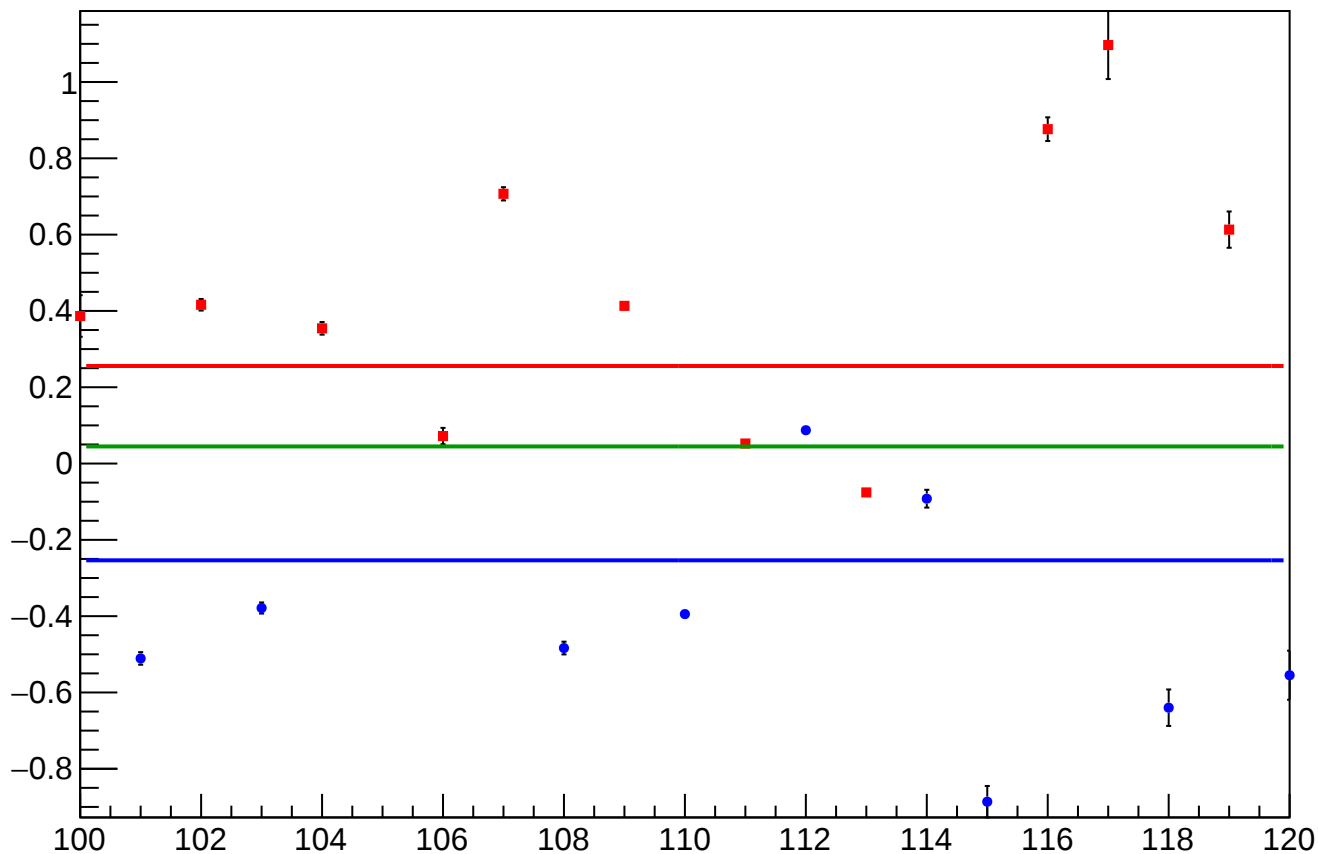
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.428+/-0.099 χ^2/NDF : 8705.6/8

-2.649+/-0.066 χ^2/NDF : 391964.6/19

-38.623+/-0.089 χ^2/NDF : 14132.8/10

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.254 ± 0.006 χ^2/NDF : 2227.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.256 ± 0.005 χ^2/NDF : 3100.3/10

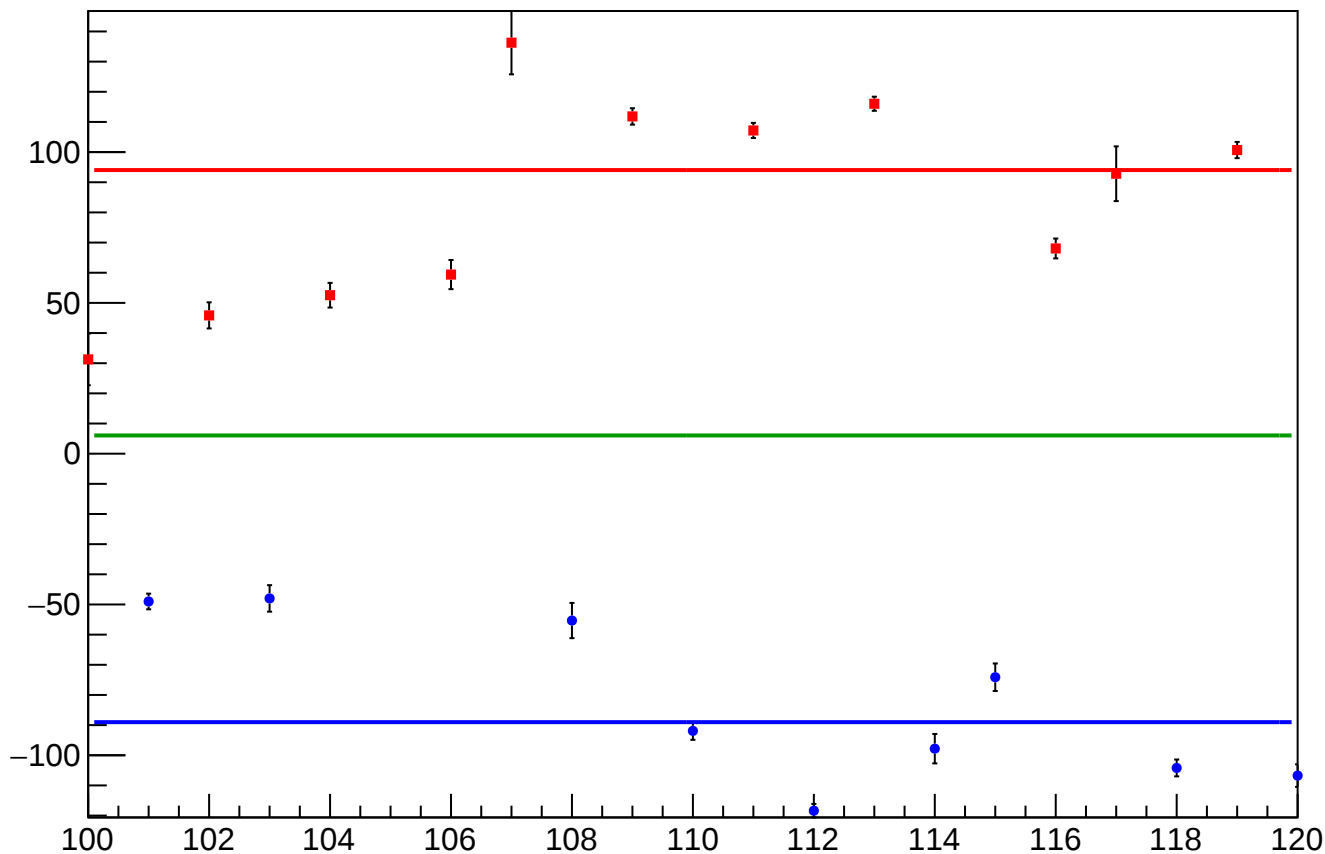
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.254 ± 0.006 χ^2/NDF : 2227.0/8

0.045 ± 0.004 χ^2/NDF : 10199.1/19

0.256 ± 0.005 χ^2/NDF : 3100.3/10

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -89.020 ± 1.097 $\chi^2/\text{NDF}: 595.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 94.040 ± 1.055 $\chi^2/\text{NDF}: 575.0/10$

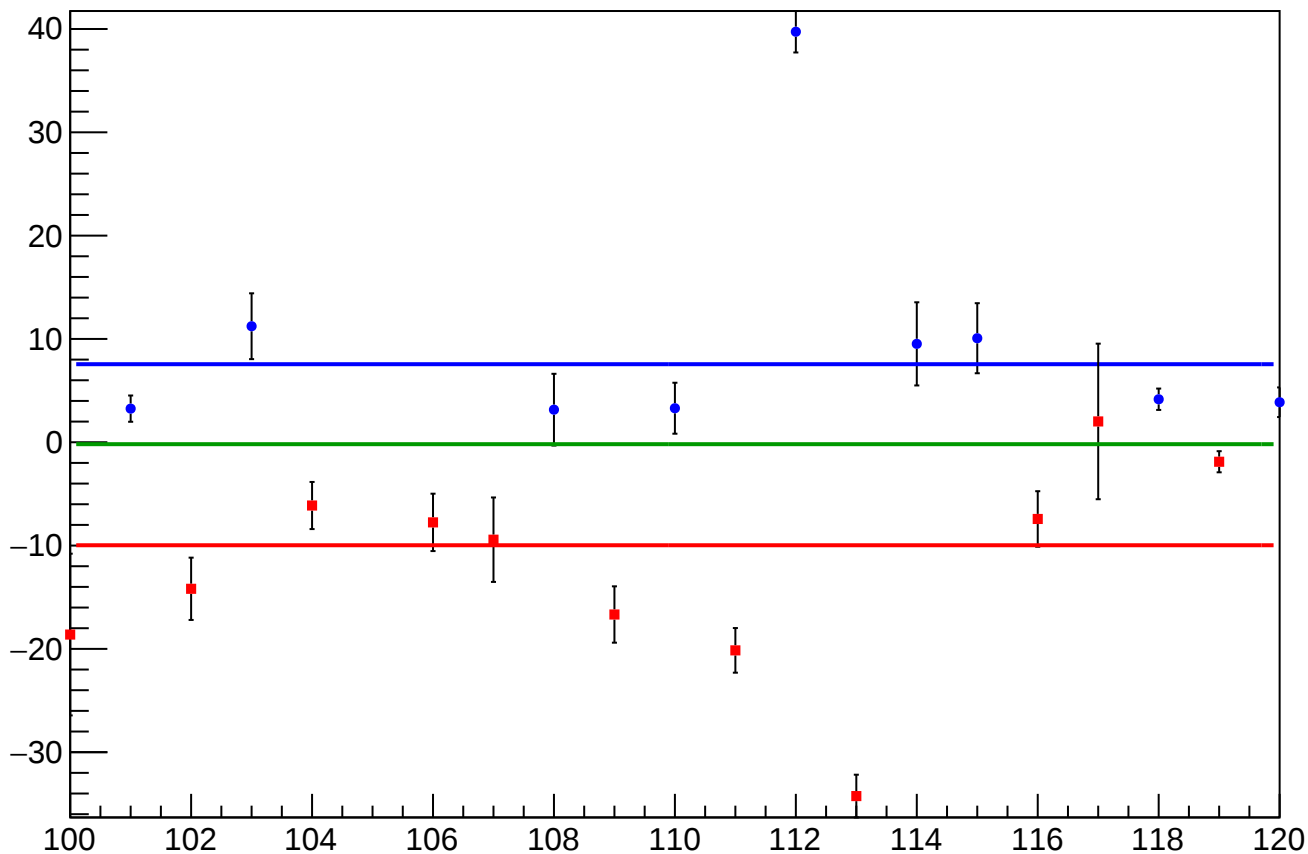
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-89.020 ± 1.097 $\chi^2/\text{NDF}: 595.7/8$

6.048 ± 0.760 $\chi^2/\text{NDF}: 15637.6/19$

94.040 ± 1.055 $\chi^2/\text{NDF}: 575.0/10$

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.555 ± 0.599 χ^2/NDF : 292.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.969 ± 0.674 χ^2/NDF : 238.5/10

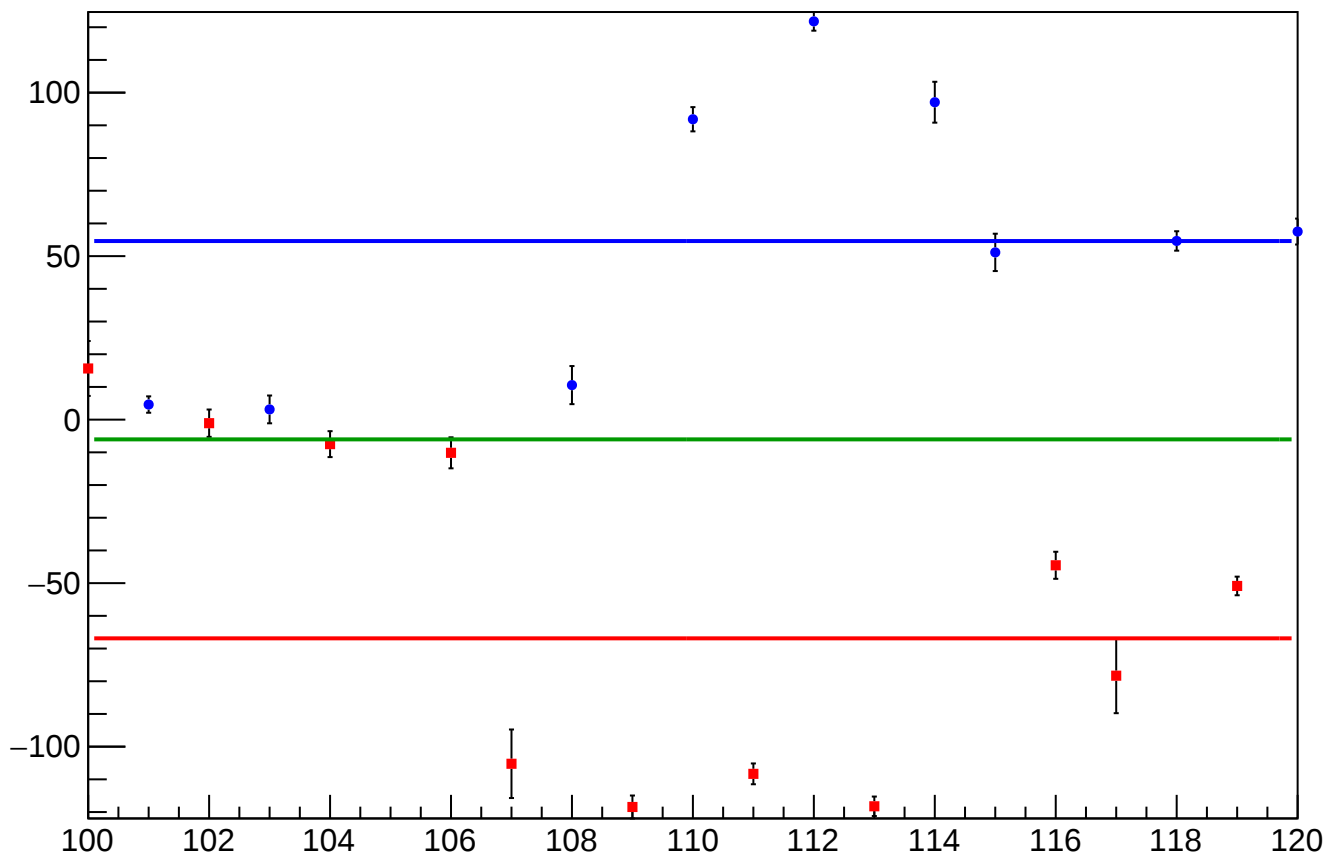
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

7.555 ± 0.599 χ^2/NDF : 292.7/8

-0.186 ± 0.448 χ^2/NDF : 909.0/19

-9.969 ± 0.674 χ^2/NDF : 238.5/10

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.615+/-1.219 χ^2 /NDF: 1304.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -66.881+/-1.221 χ^2 /NDF: 1470.6/10

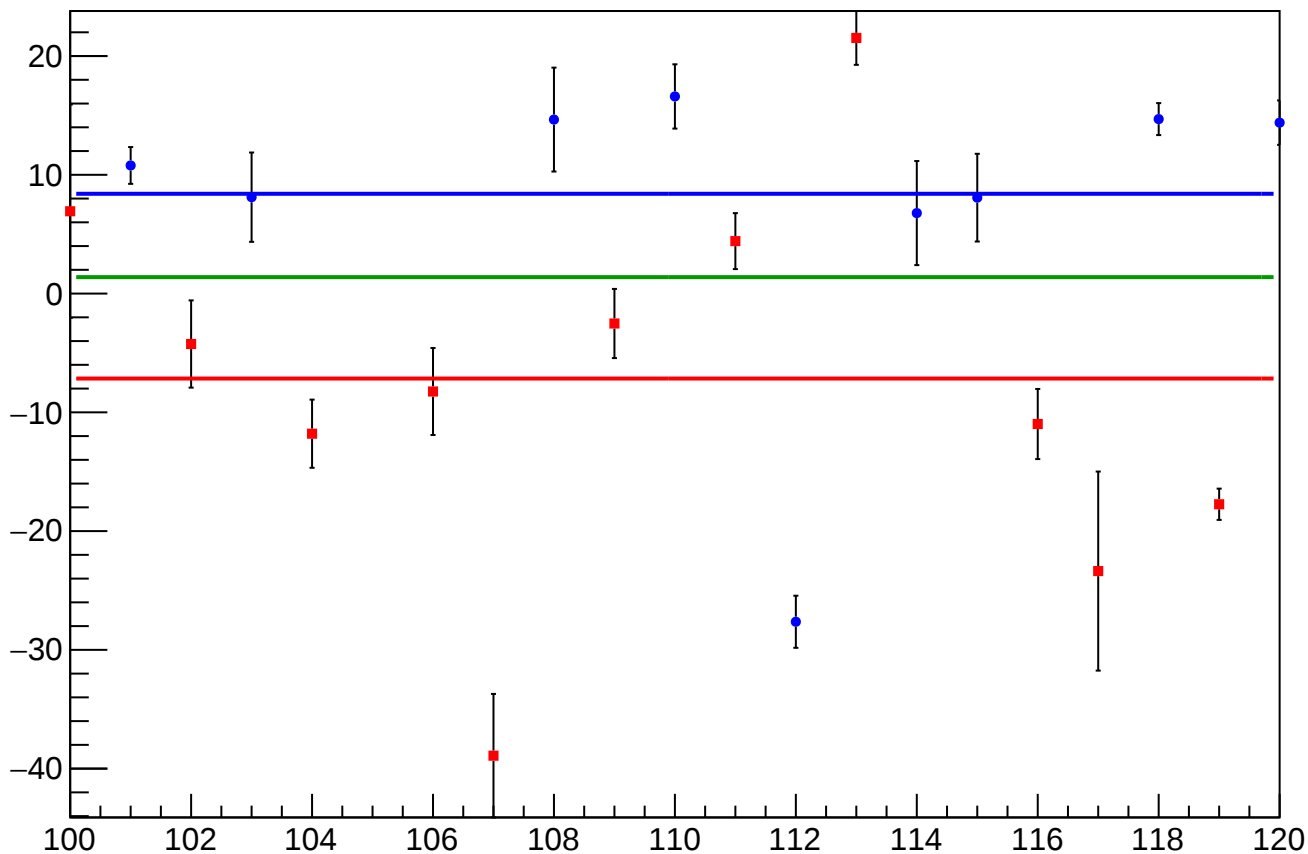
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

54.615+/-1.219 χ^2 /NDF: 1304.4/8

-6.035+/-0.863 χ^2 /NDF: 7734.4/19

-66.881+/-1.221 χ^2 /NDF: 1470.6/10

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.402 $\pm$ 0.736 χ^2 /NDF: 315.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.154 $\pm$ 0.811 χ^2 /NDF: 300.0/10

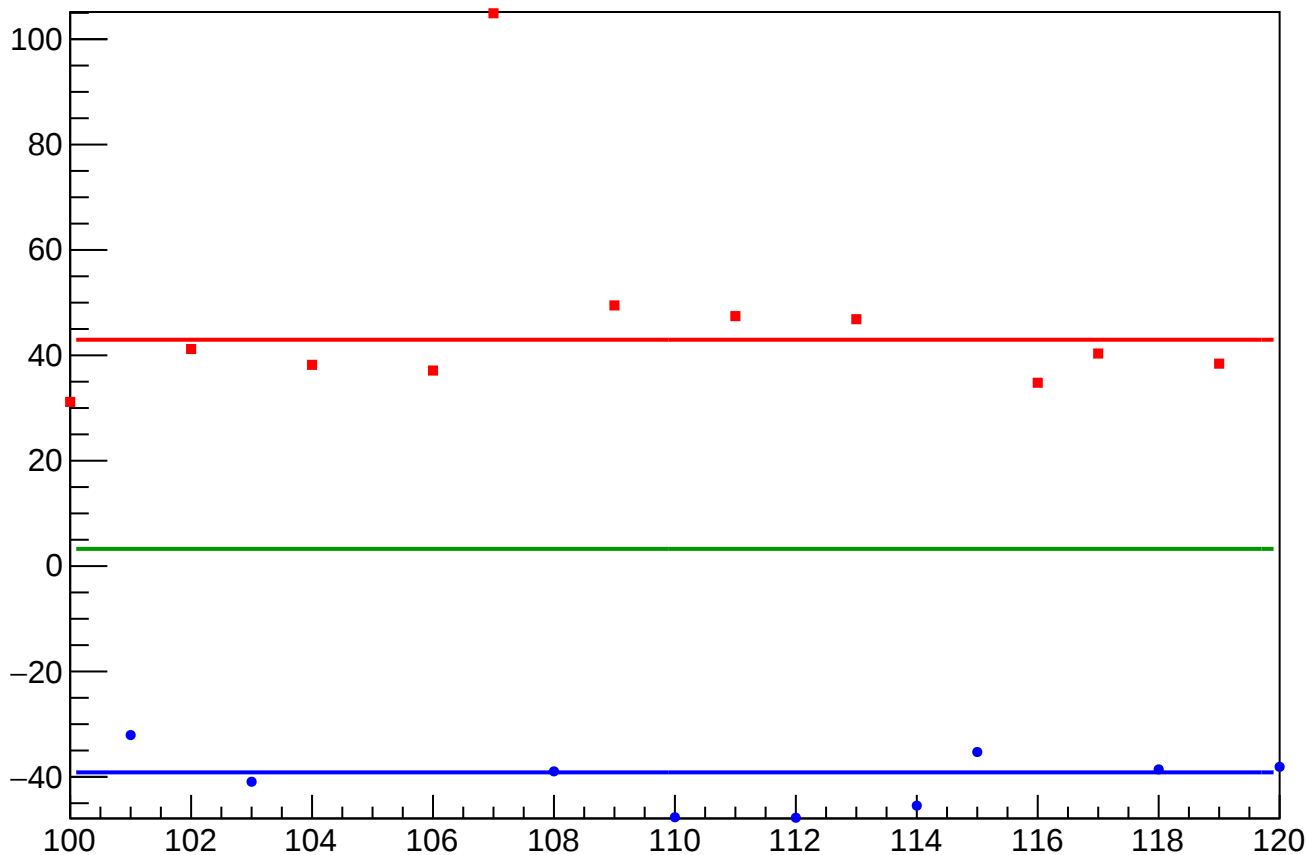
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.402 $\pm$ 0.736 χ^2 /NDF: 315.9/8

1.383 $\pm$ 0.545 χ^2 /NDF: 817.7/19

-7.154 $\pm$ 0.811 χ^2 /NDF: 300.0/10

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.148 $\pm$ 0.044 χ^2 /NDF: 13748.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.960 $\pm$ 0.043 χ^2 /NDF: 79785.4/10

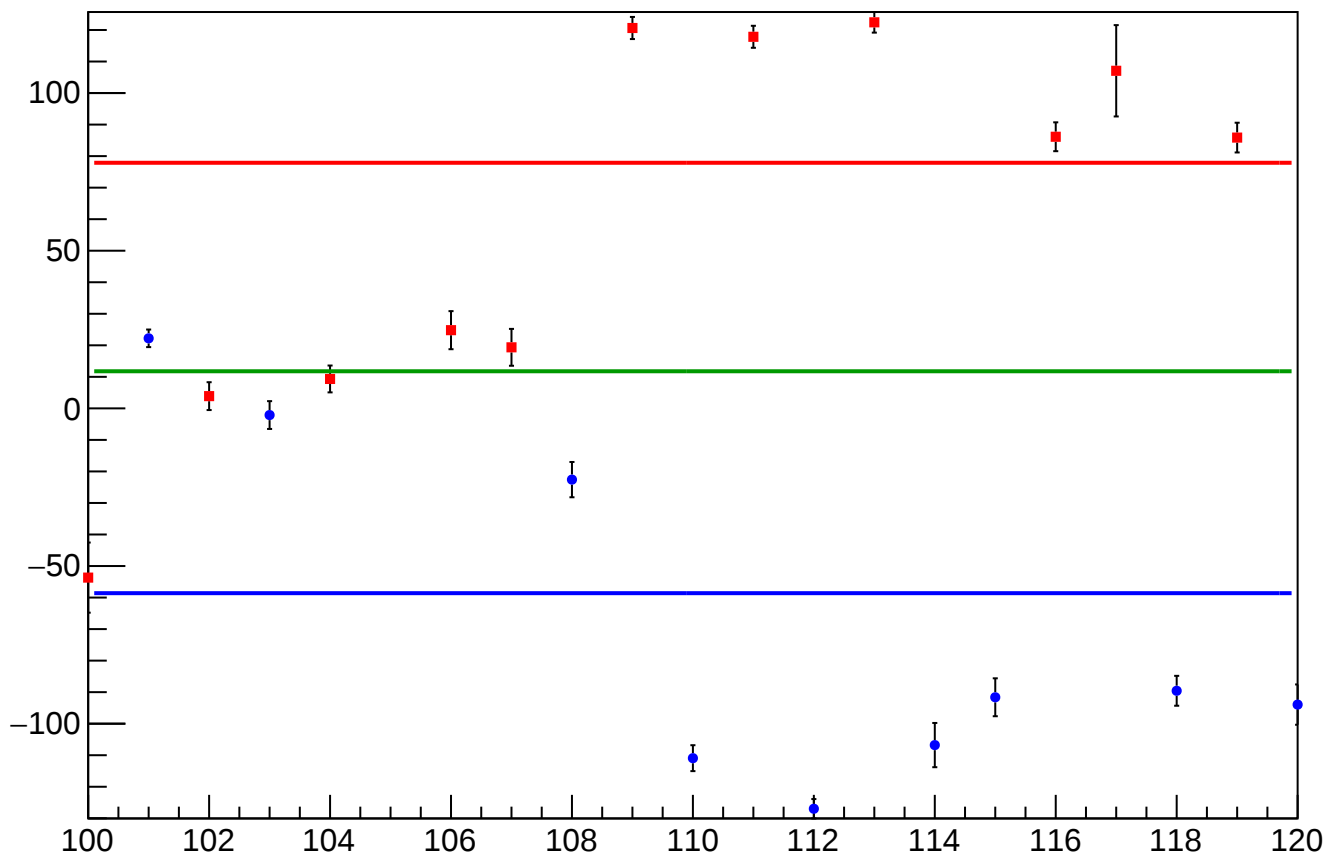
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-39.148 $\pm$ 0.044 χ^2 /NDF: 13748.5/8

3.265 $\pm$ 0.031 χ^2 /NDF: 1863542.2/19

42.960 $\pm$ 0.043 χ^2 /NDF: 79785.4/10

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -58.608+/-1.423 χ^2/NDF : 1853.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.891+/-1.379 χ^2/NDF : 1333.3/10

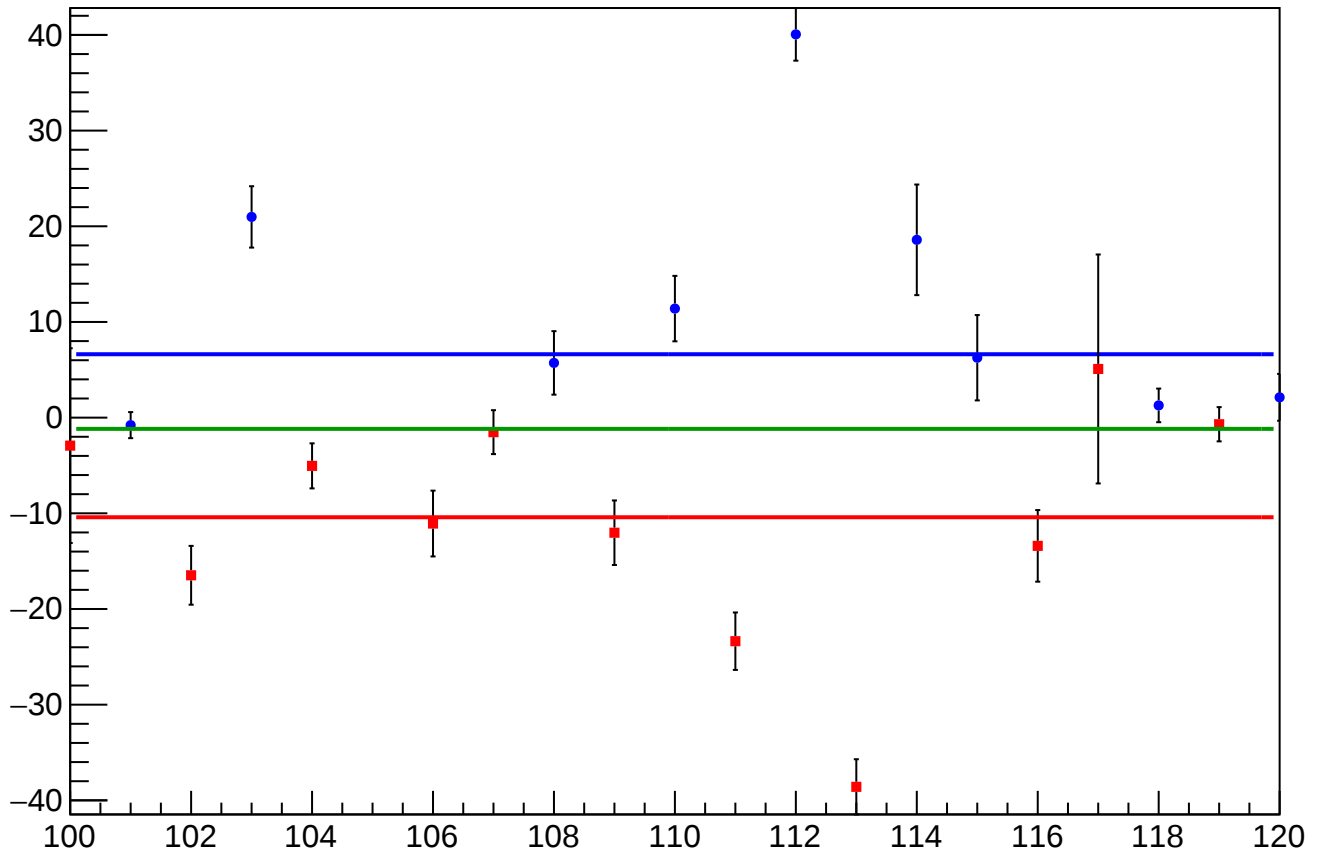
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.608+/-1.423 χ^2/NDF : 1853.1/8

11.768+/-0.990 χ^2/NDF : 7931.2/19

77.891+/-1.379 χ^2/NDF : 1333.3/10

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.626+/-0.812 χ^2/NDF : 216.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.412+/-0.884 χ^2/NDF : 170.7/10

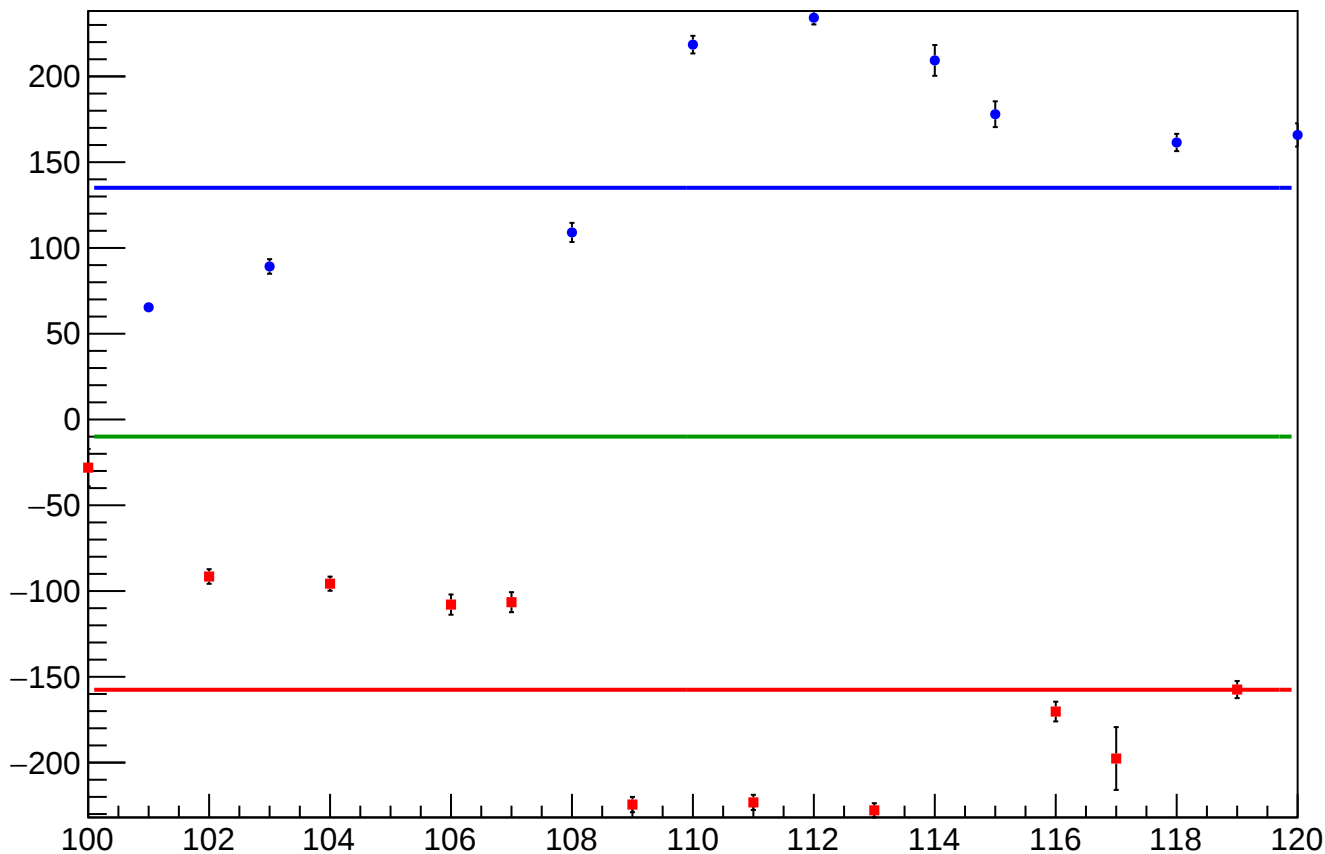
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.626+/-0.812 χ^2/NDF : 216.2/8

-1.174+/-0.598 χ^2/NDF : 588.3/19

-10.412+/-0.884 χ^2/NDF : 170.7/10

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.068 $\pm$ 1.543 χ^2 /NDF: 1864.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -157.539 $\pm$ 1.556 χ^2 /NDF: 1494.6/10

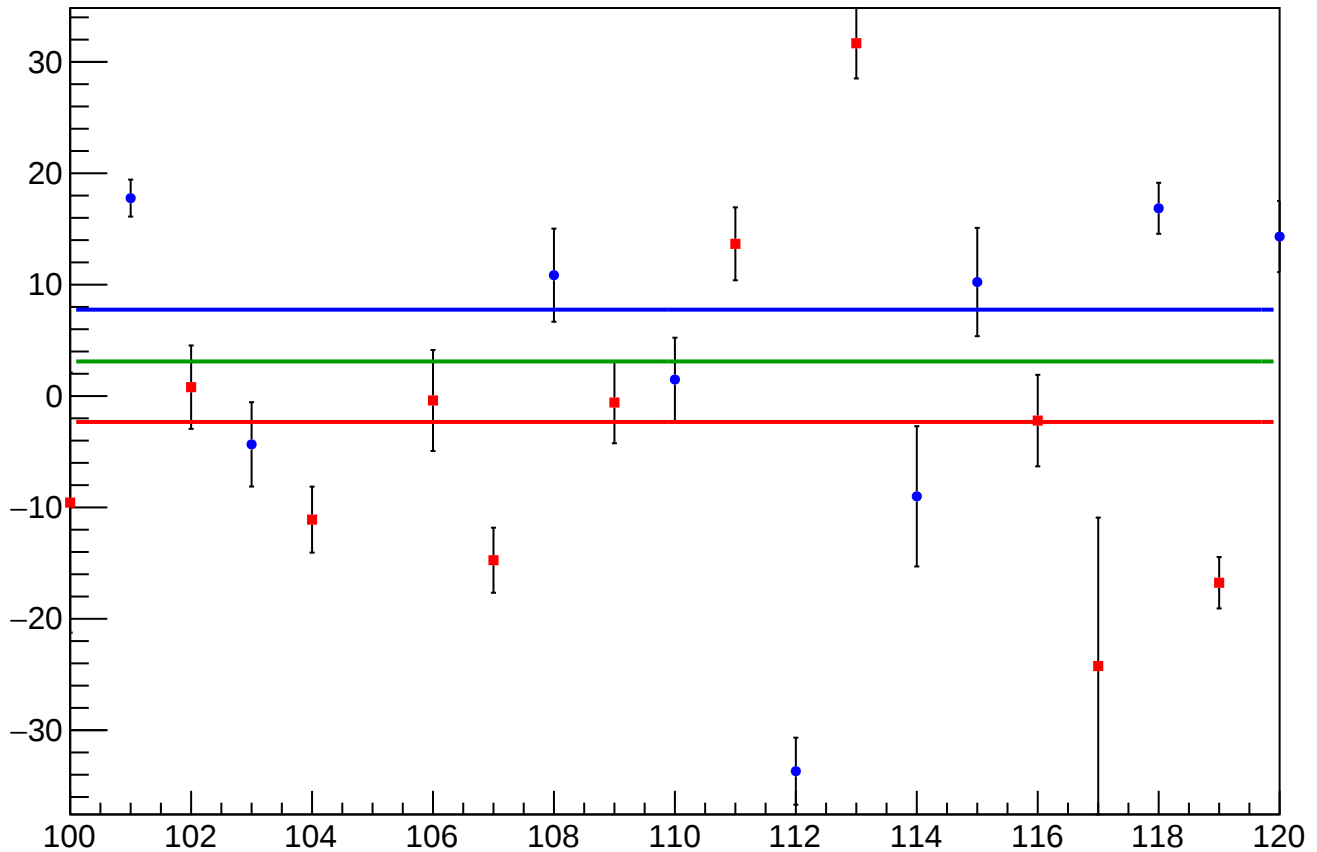
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135.068 $\pm$ 1.543 χ^2 /NDF: 1864.0/8

-9.960 $\pm$ 1.096 χ^2 /NDF: 21189.1/19

-157.539 $\pm$ 1.556 χ^2 /NDF: 1494.6/10

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.757 $\pm$ 0.987 χ^2 /NDF: 266.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.326 $\pm$ 1.067 χ^2 /NDF: 209.5/10

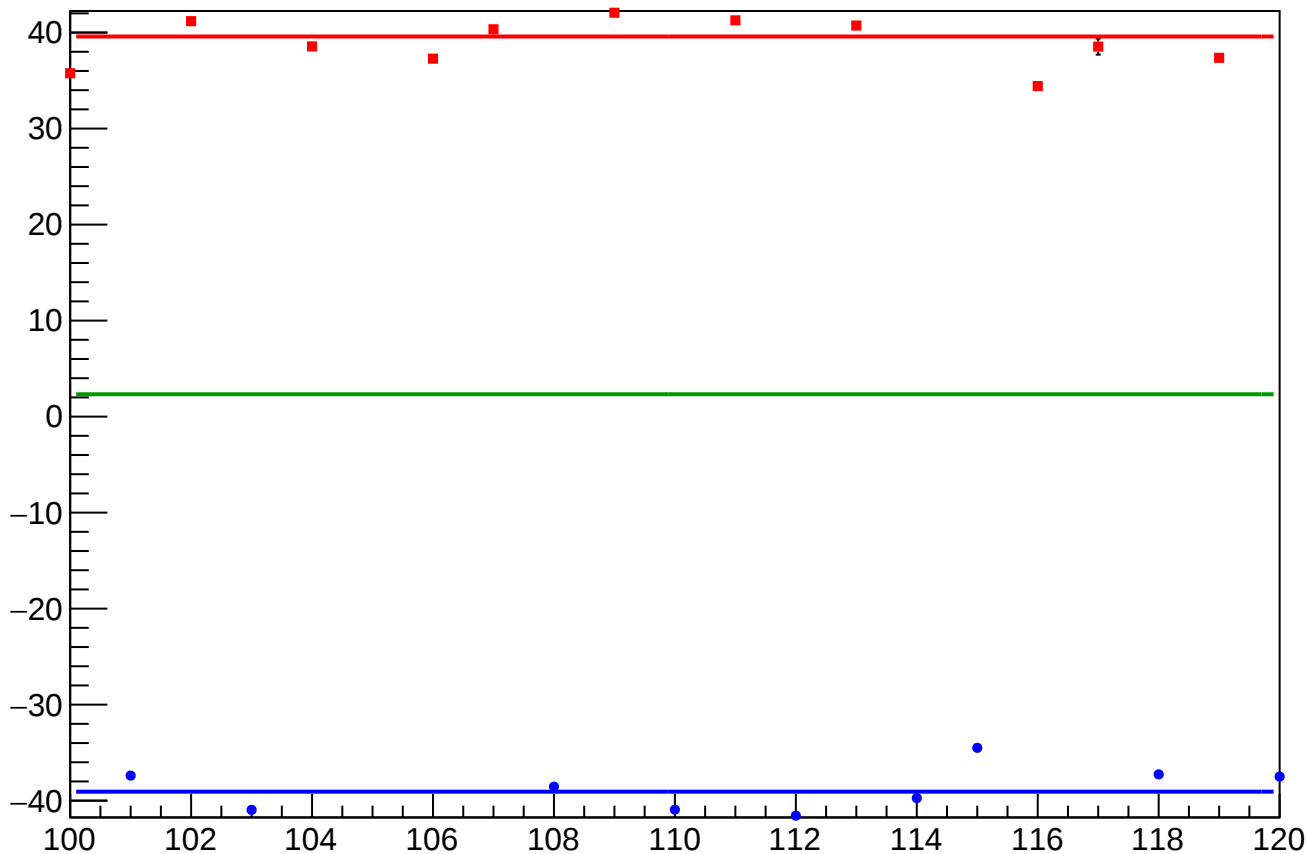
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.757 $\pm$ 0.987 χ^2 /NDF: 266.9/8

3.107 $\pm$ 0.724 χ^2 /NDF: 524.5/19

-2.326 $\pm$ 1.067 χ^2 /NDF: 209.5/10

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.065+/-0.052 χ^2/NDF : 1261.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.589+/-0.049 χ^2/NDF : 1529.6/10

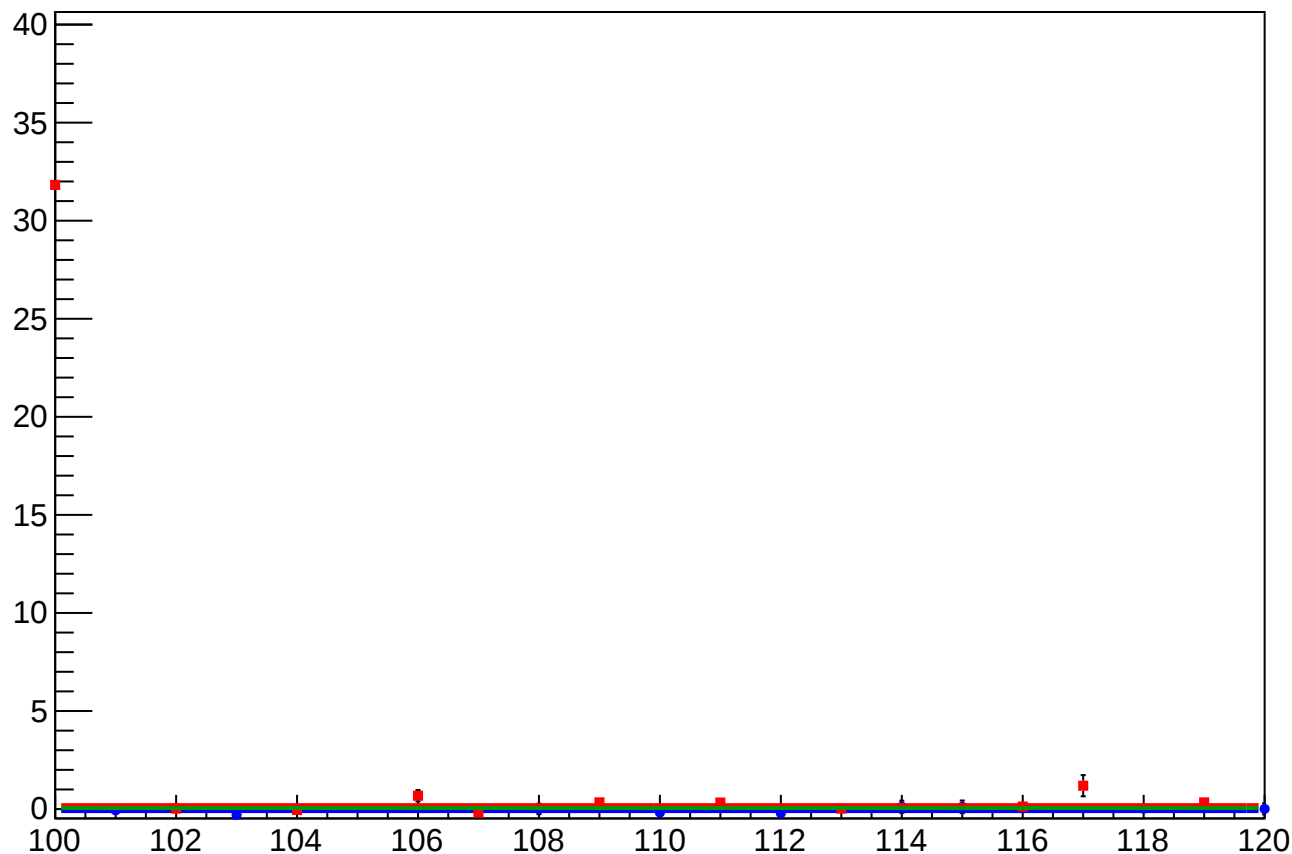
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-39.065+/-0.052 χ^2/NDF : 1261.5/8

2.327+/-0.036 χ^2/NDF : 1224813.8/19

39.589+/-0.049 χ^2/NDF : 1529.6/10

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.103+/-0.066 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.201+/-0.063 χ^2/NDF : 26.6/10

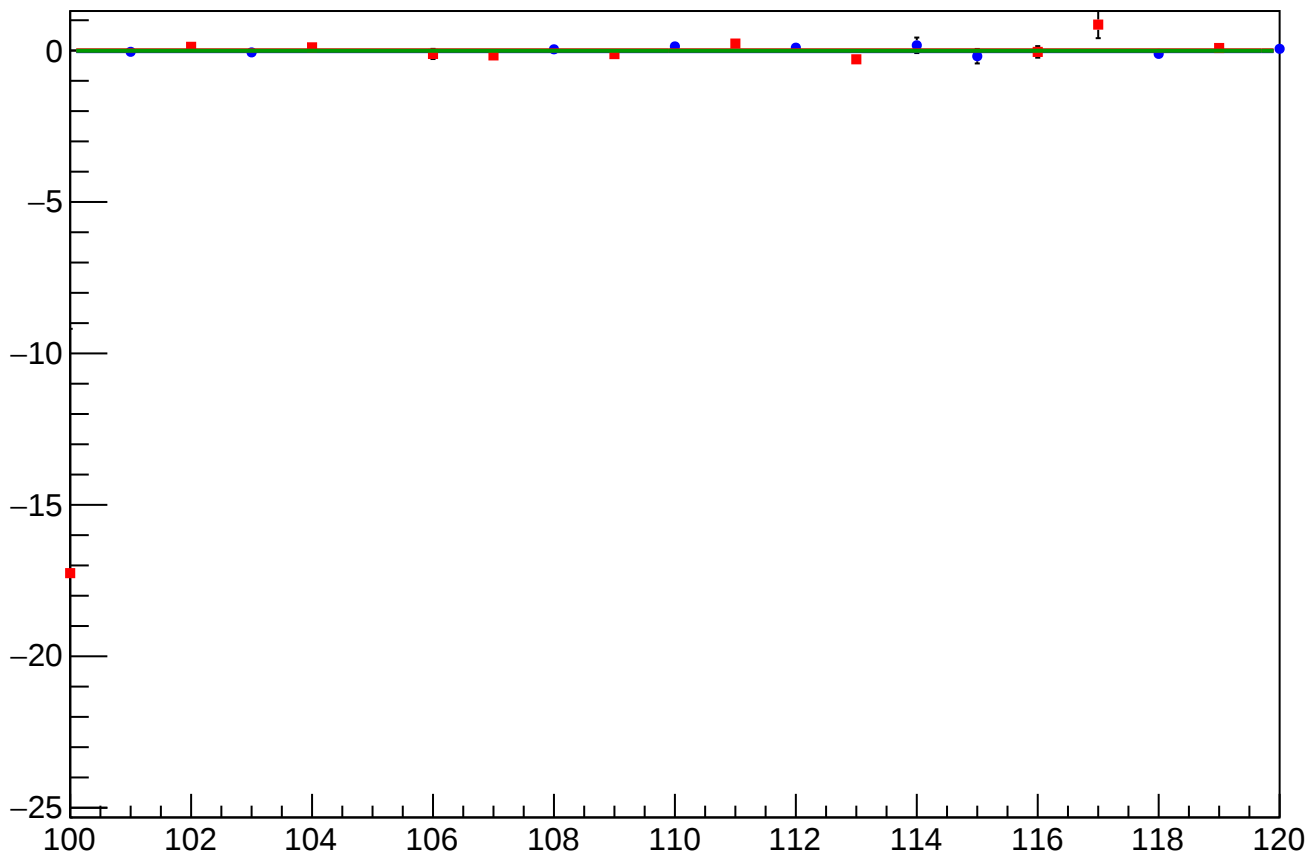
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.103+/-0.066 χ^2/NDF : 3.5/8

0.055+/-0.046 χ^2/NDF : 41.2/19

0.201+/-0.063 χ^2/NDF : 26.6/10

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.021+/-0.037 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.041 χ^2/NDF : 21.6/10

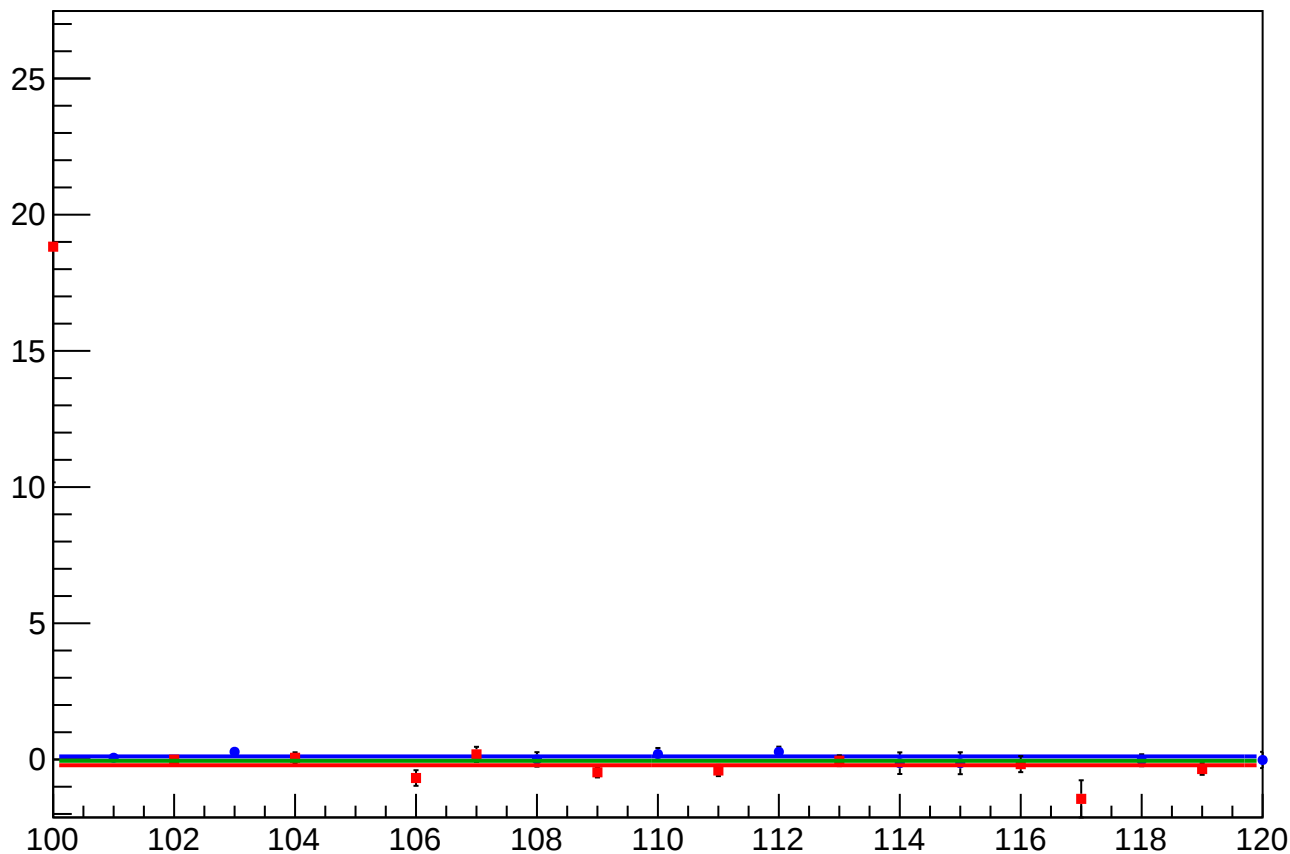
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.021+/-0.037 χ^2/NDF : 5.2/8

-0.008+/-0.027 χ^2/NDF : 27.0/19

0.008+/-0.041 χ^2/NDF : 21.6/10

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.112 ± 0.071 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.212 ± 0.072 χ^2/NDF : 19.9/10

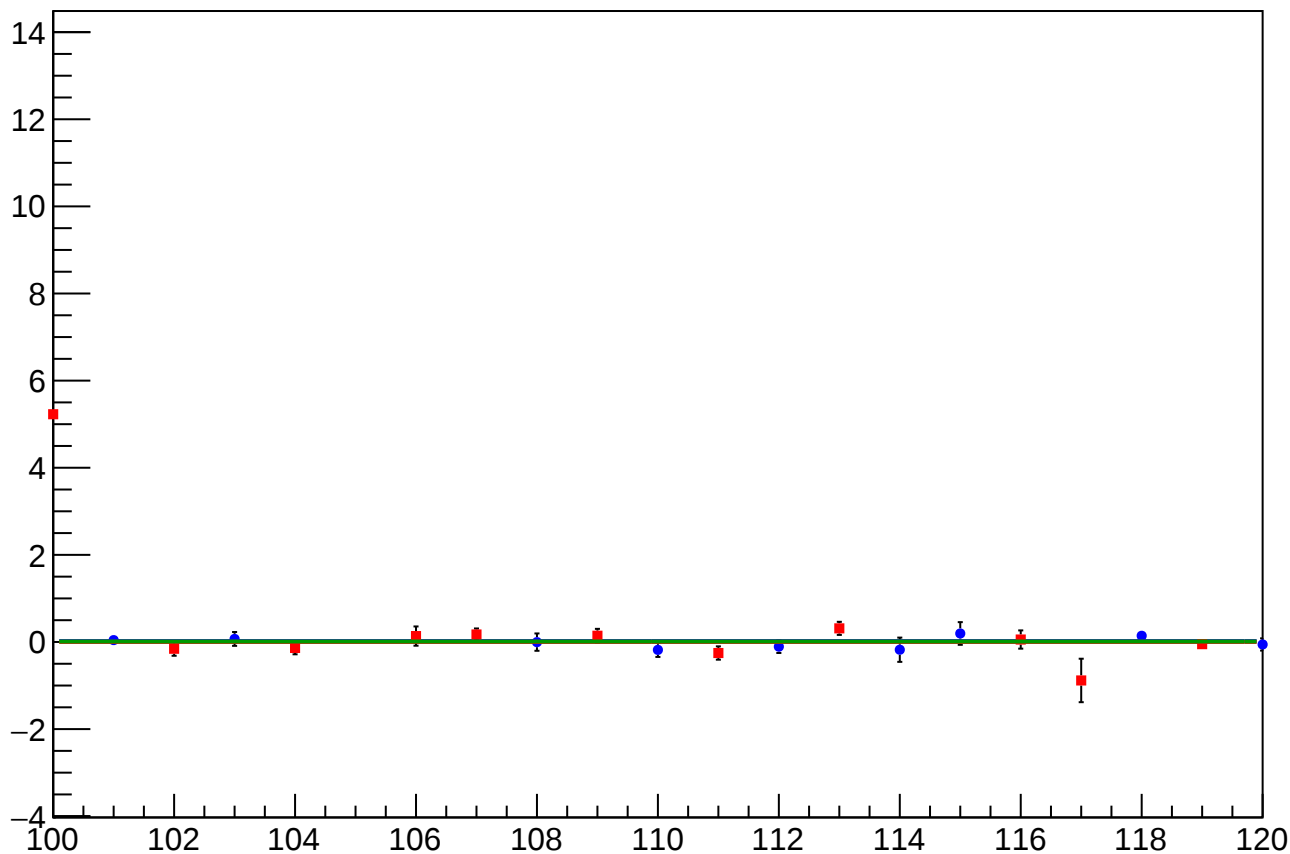
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.112 ± 0.071 χ^2/NDF : 3.6/8

-0.048 ± 0.051 χ^2/NDF : 33.7/19

-0.212 ± 0.072 χ^2/NDF : 19.9/10

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.045 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.049 χ^2/NDF : 15.4/10

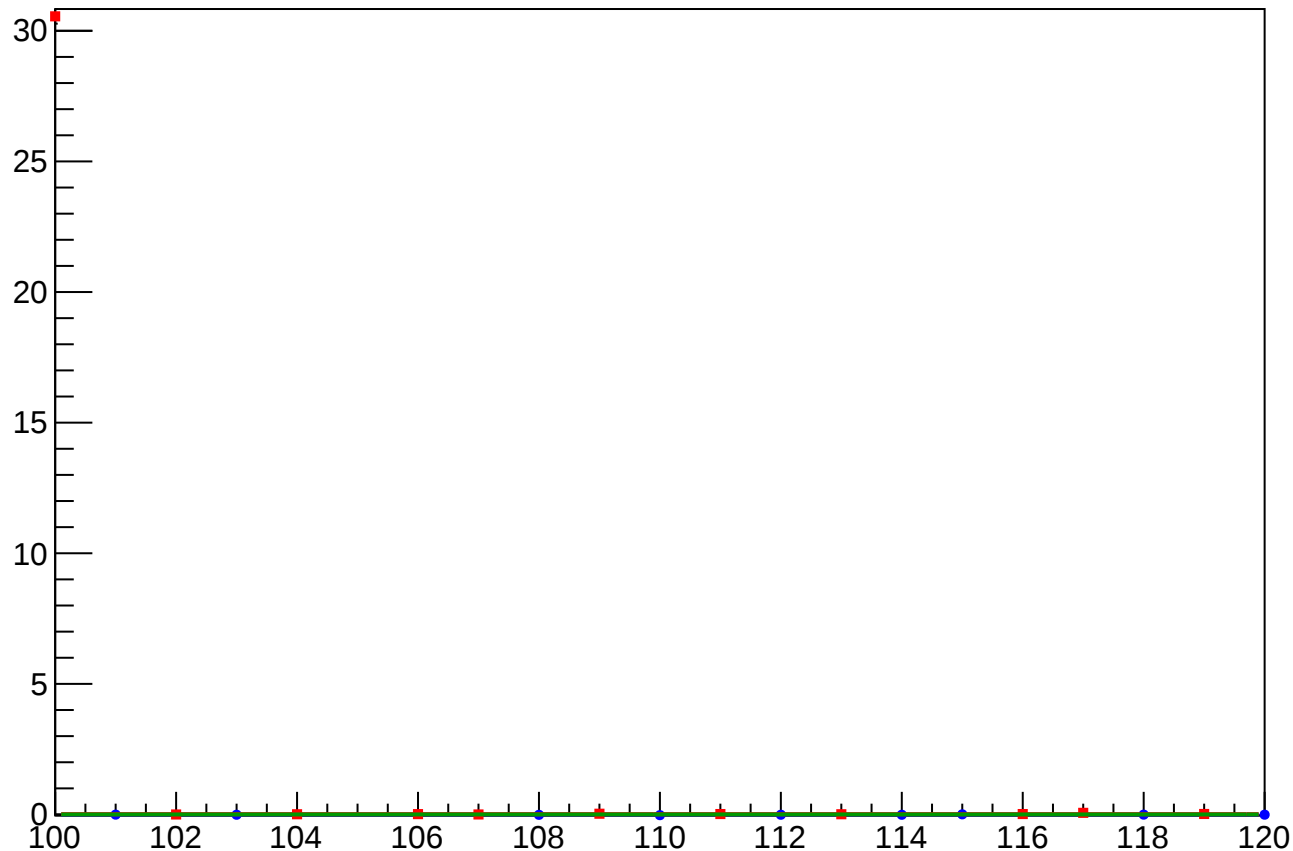
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.020+/-0.045 χ^2/NDF : 5.3/8

0.011+/-0.033 χ^2/NDF : 20.8/19

0.002+/-0.049 χ^2/NDF : 15.4/10

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.002 χ^2 /NDF: 11885.4/10

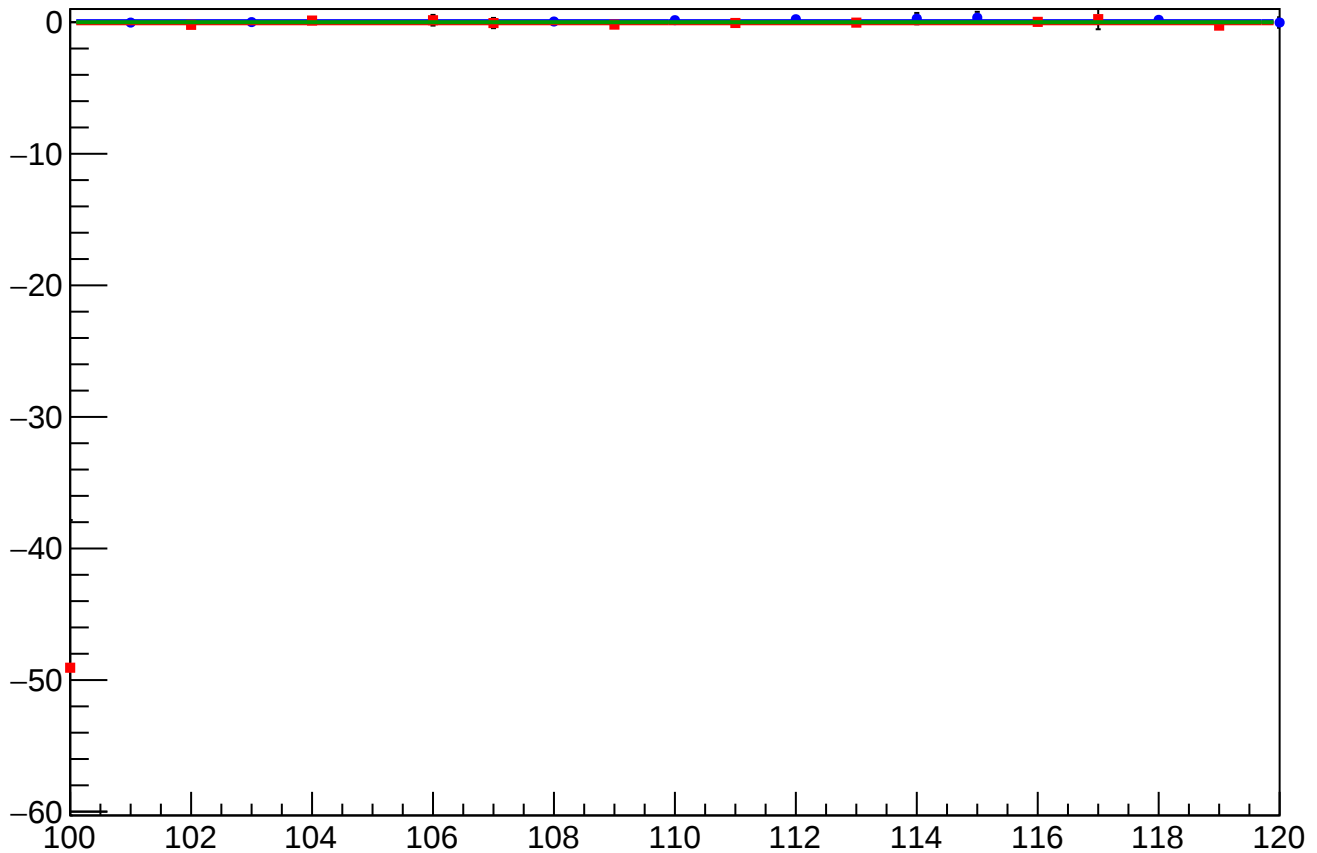
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/8

0.002 $\pm$ 0.002 χ^2 /NDF: 11931.3/19

0.012 $\pm$ 0.002 χ^2 /NDF: 11885.4/10

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.083+/-0.082 χ^2/NDF : 2.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.081+/-0.084 χ^2/NDF : 21.4/10

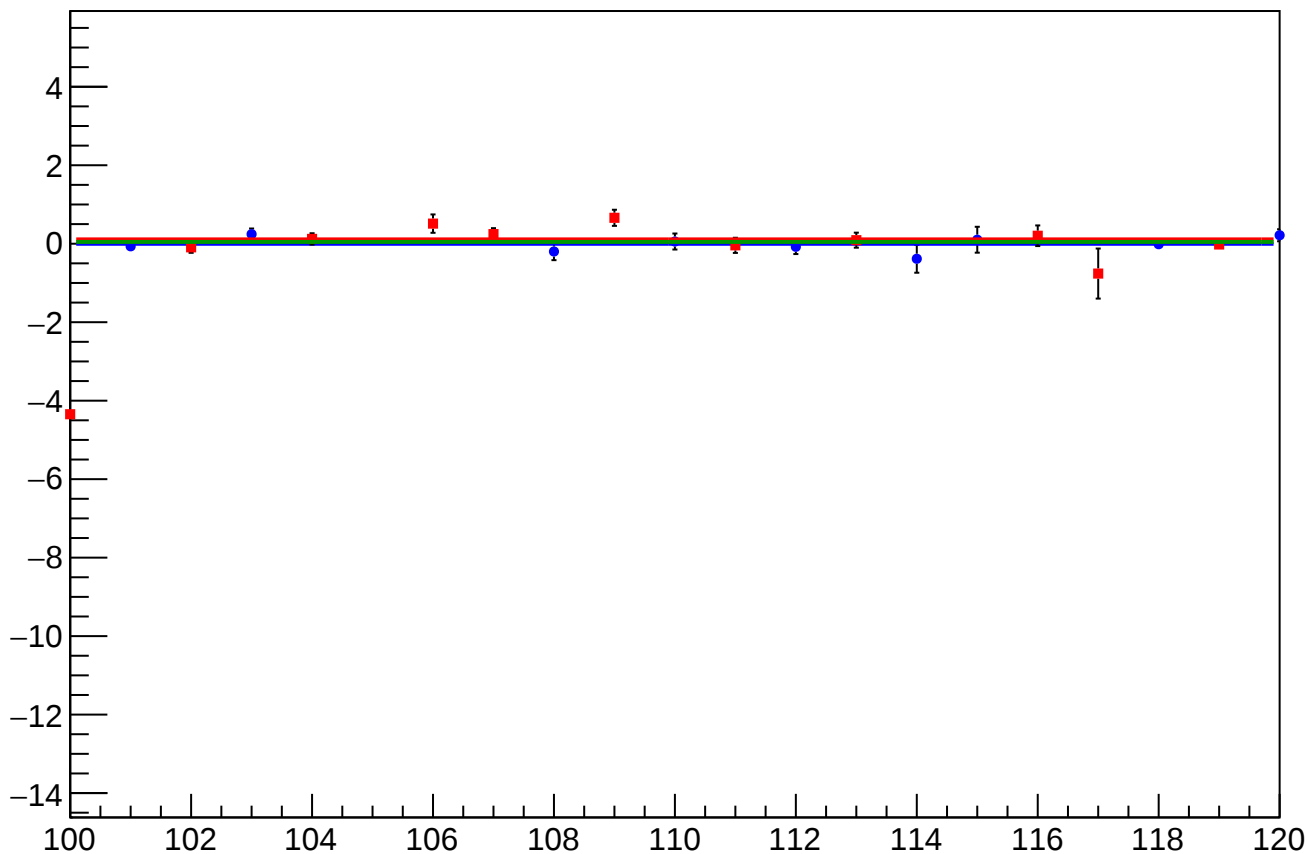
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.083+/-0.082 χ^2/NDF : 2.0/8

0.002+/-0.059 χ^2/NDF : 25.4/19

-0.081+/-0.084 χ^2/NDF : 21.4/10

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.046 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.054 χ^2/NDF : 17.3/10

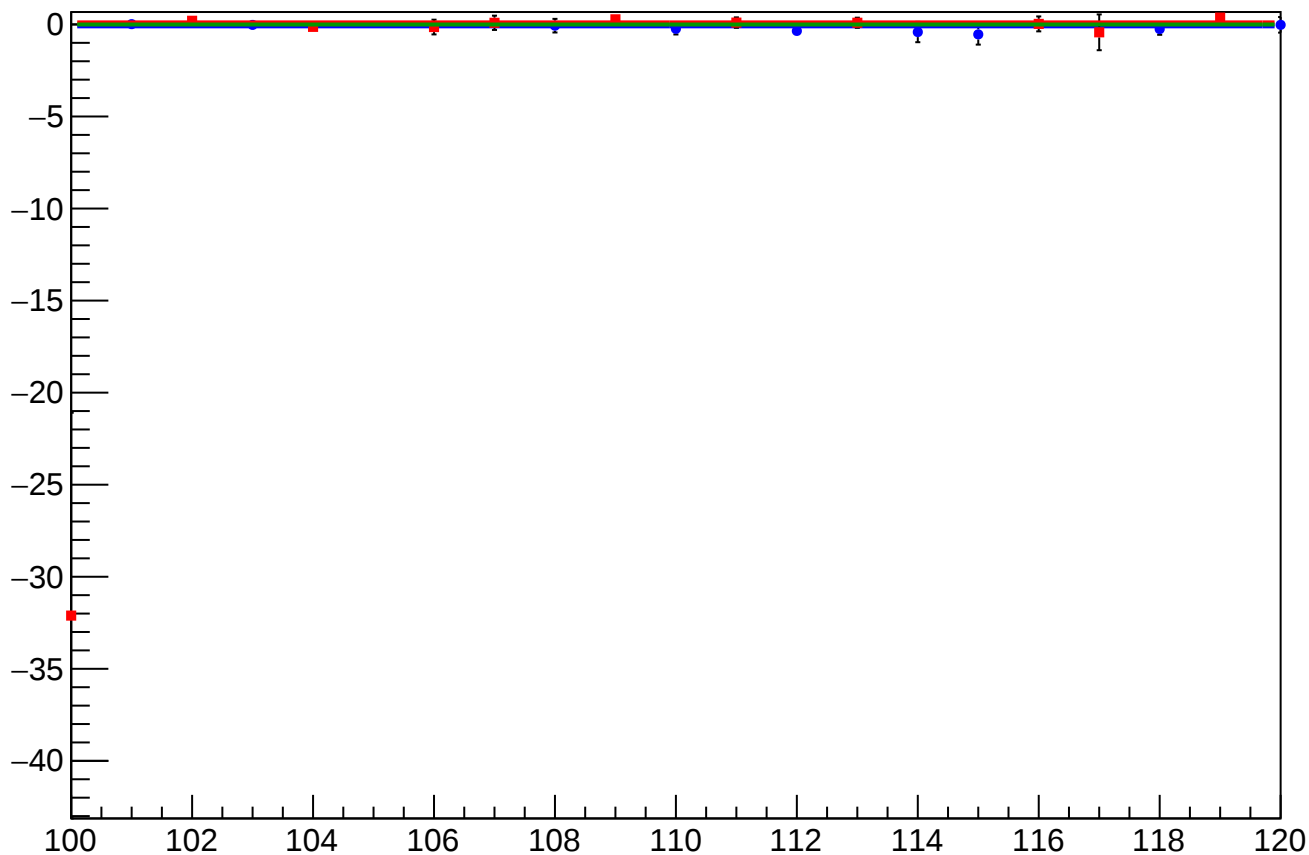
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.001+/-0.046 χ^2/NDF : 8.1/8

0.046+/-0.035 χ^2/NDF : 27.8/19

0.110+/-0.054 χ^2/NDF : 17.3/10

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.104 $\pm$ 0.086 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.111 $\pm$ 0.093 χ^2 /NDF: 11.7/10

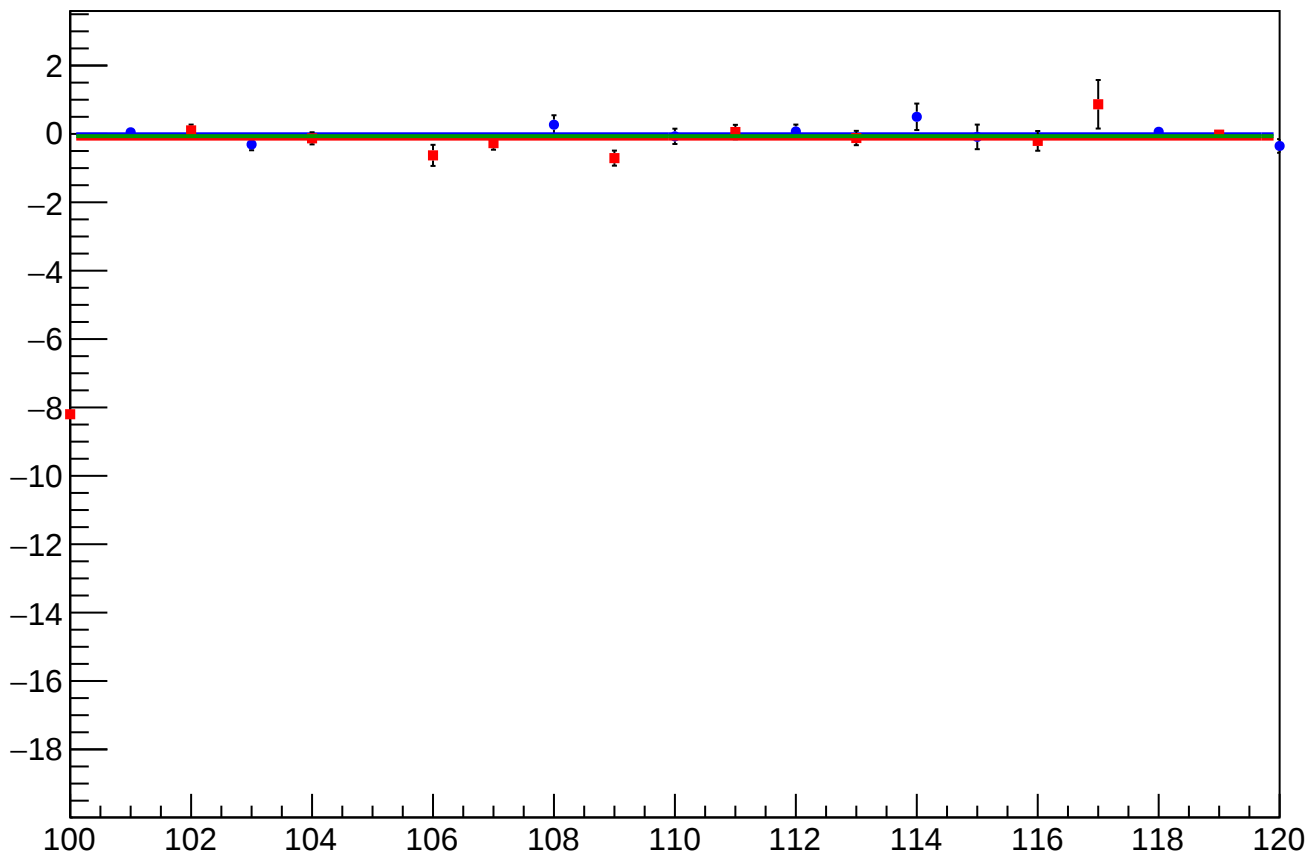
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.104 $\pm$ 0.086 χ^2 /NDF: 3.2/8

-0.004 $\pm$ 0.063 χ^2 /NDF: 17.7/19

0.111 $\pm$ 0.093 χ^2 /NDF: 11.7/10

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.056 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.137 ± 0.065 χ^2/NDF : 15.8/10

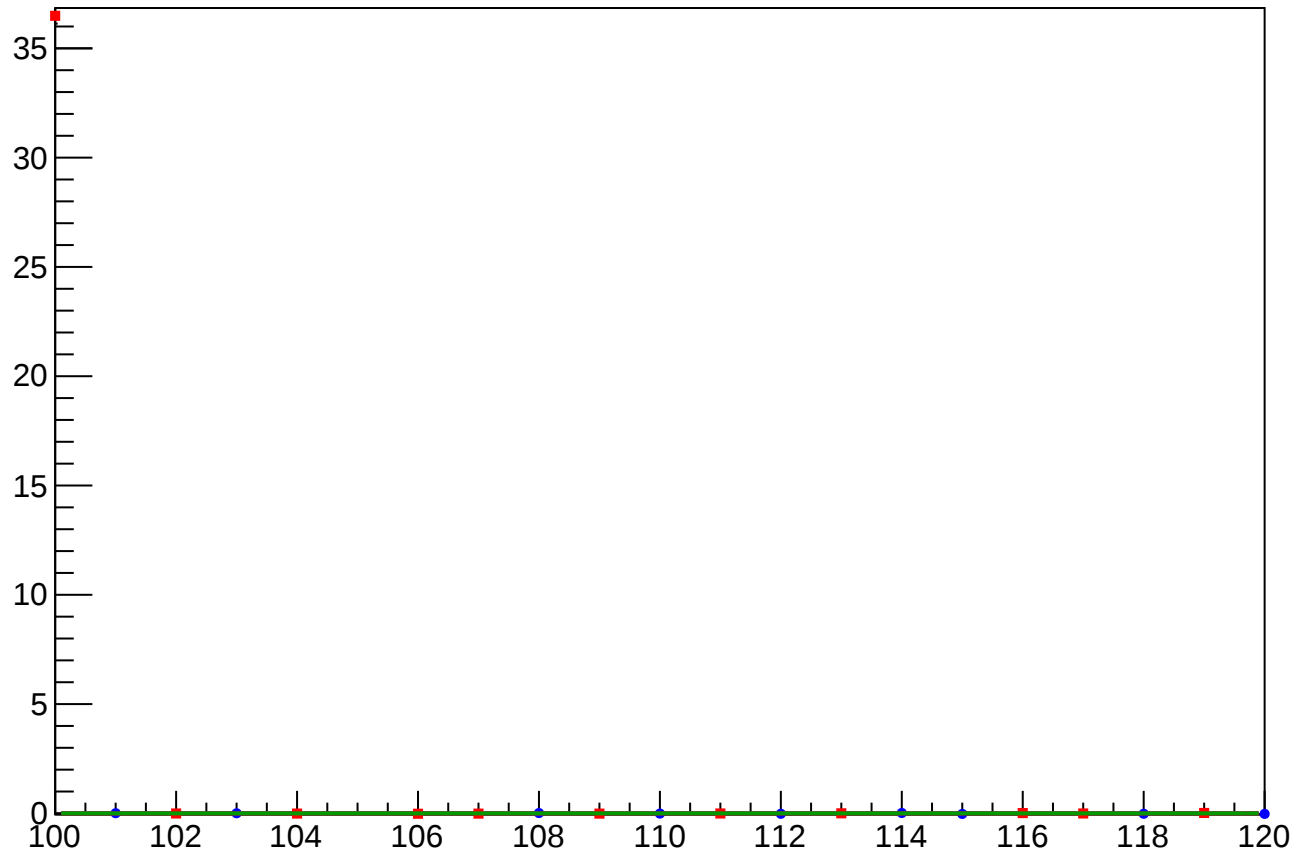
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.011 ± 0.056 χ^2/NDF : 9.7/8

-0.065 ± 0.043 χ^2/NDF : 27.7/19

-0.137 ± 0.065 χ^2/NDF : 15.8/10

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.003 χ^2/NDF : 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 $\pm$ 0.003 χ^2/NDF : 10437.3/10

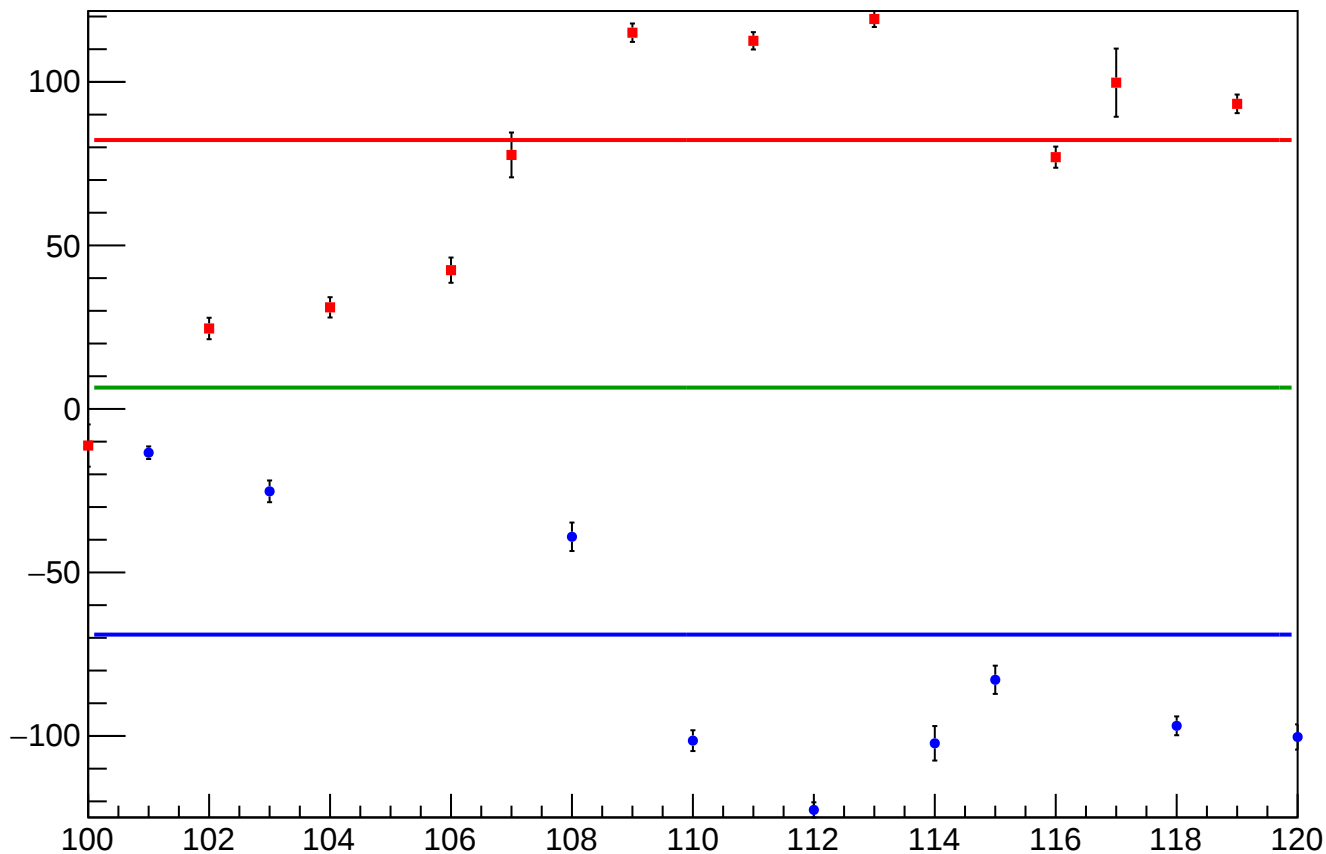
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.003 $\pm$ 0.003 χ^2/NDF : 13.4/8

-0.000 $\pm$ 0.002 χ^2/NDF : 10453.7/19

-0.004 $\pm$ 0.003 χ^2/NDF : 10437.3/10

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.005+/-1.012 χ^2/NDF : 1906.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.224+/-1.013 χ^2/NDF : 1413.8/10

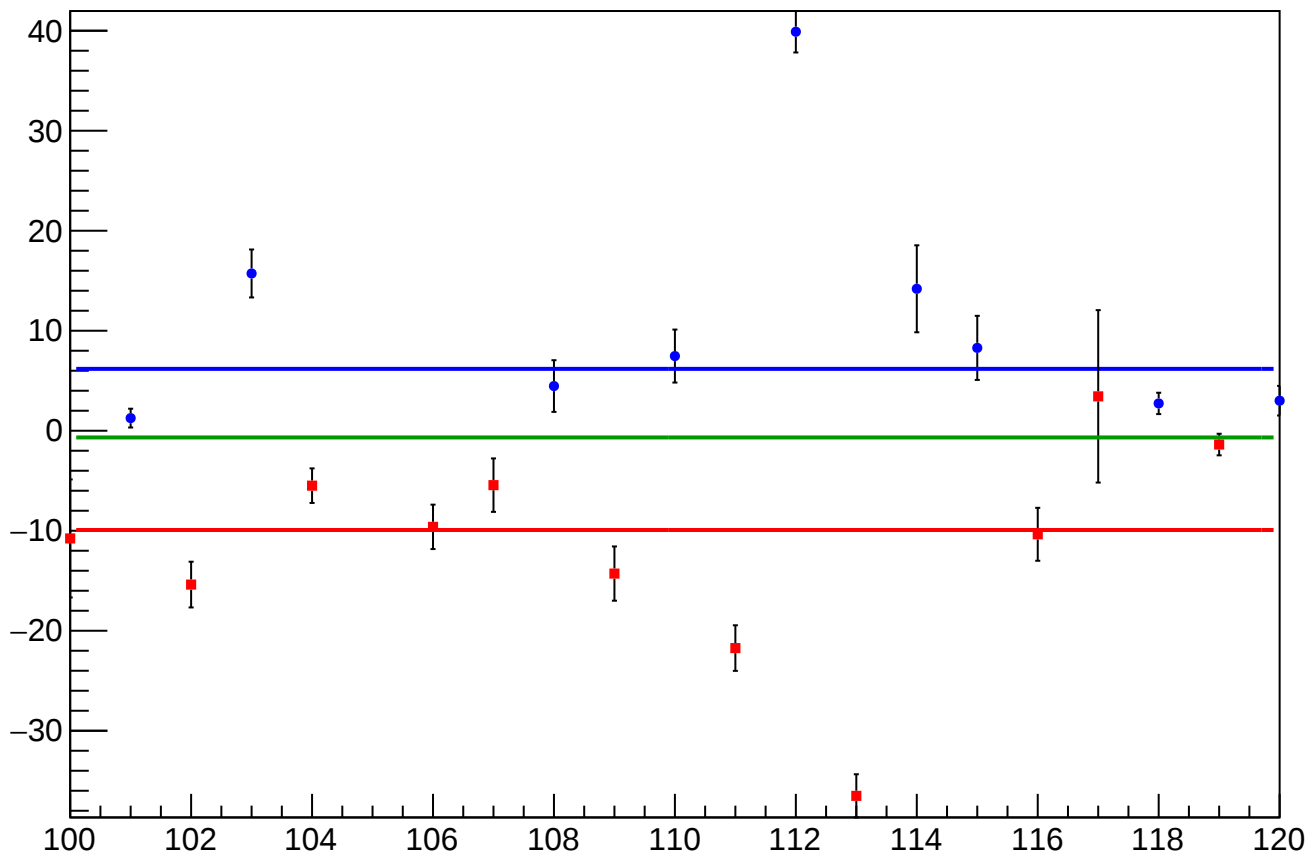
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-69.005+/-1.012 χ^2/NDF : 1906.6/8

6.529+/-0.716 χ^2/NDF : 14469.4/19

82.224+/-1.013 χ^2/NDF : 1413.8/10

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.188 ± 0.549 χ^2/NDF : 327.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.925 ± 0.638 χ^2/NDF : 261.3/10

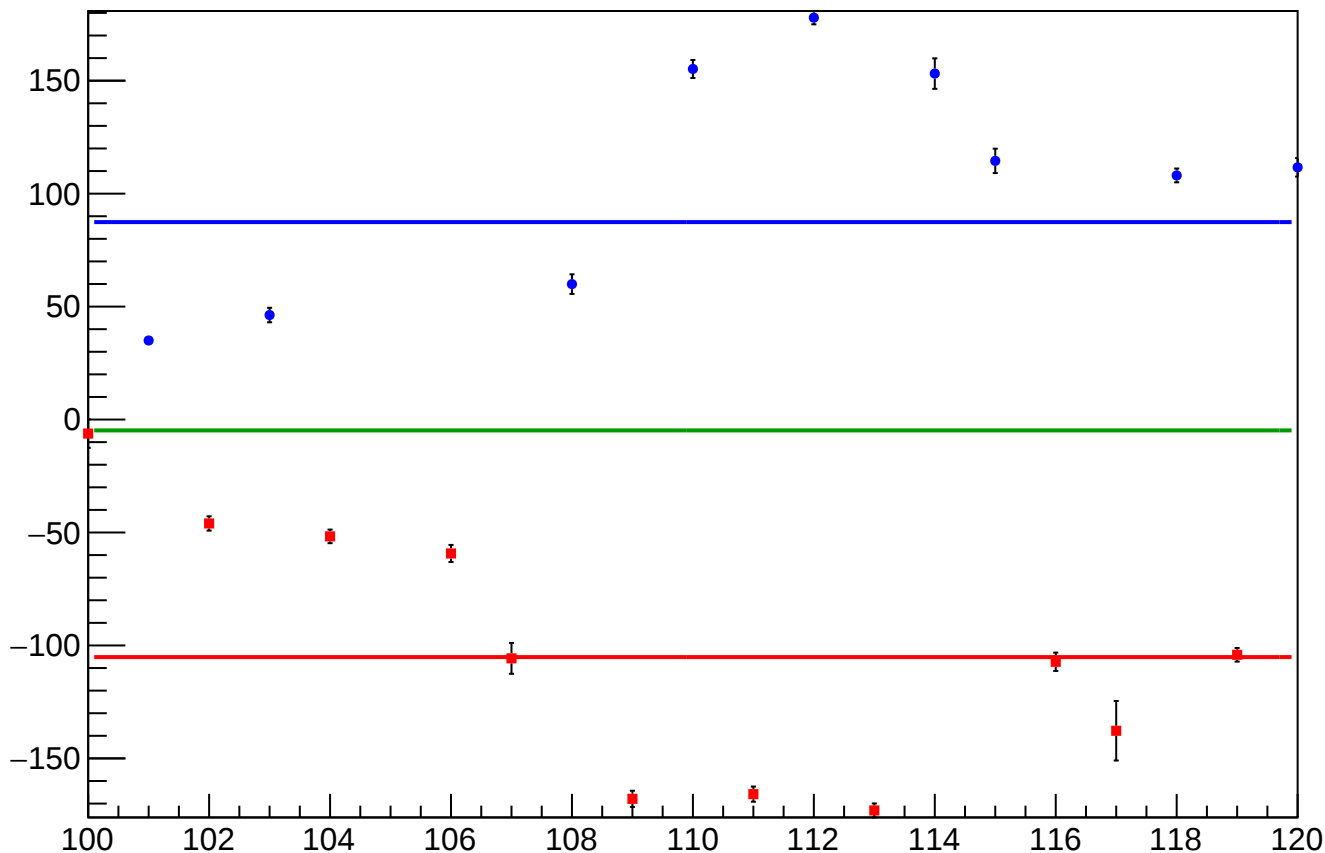
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

6.188 ± 0.549 χ^2/NDF : 327.3/8

-0.671 ± 0.416 χ^2/NDF : 954.8/19

-9.925 ± 0.638 χ^2/NDF : 261.3/10

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 87.403+/-1.090 χ^2/NDF : 2436.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.155+/-1.137 χ^2/NDF : 2174.5/10

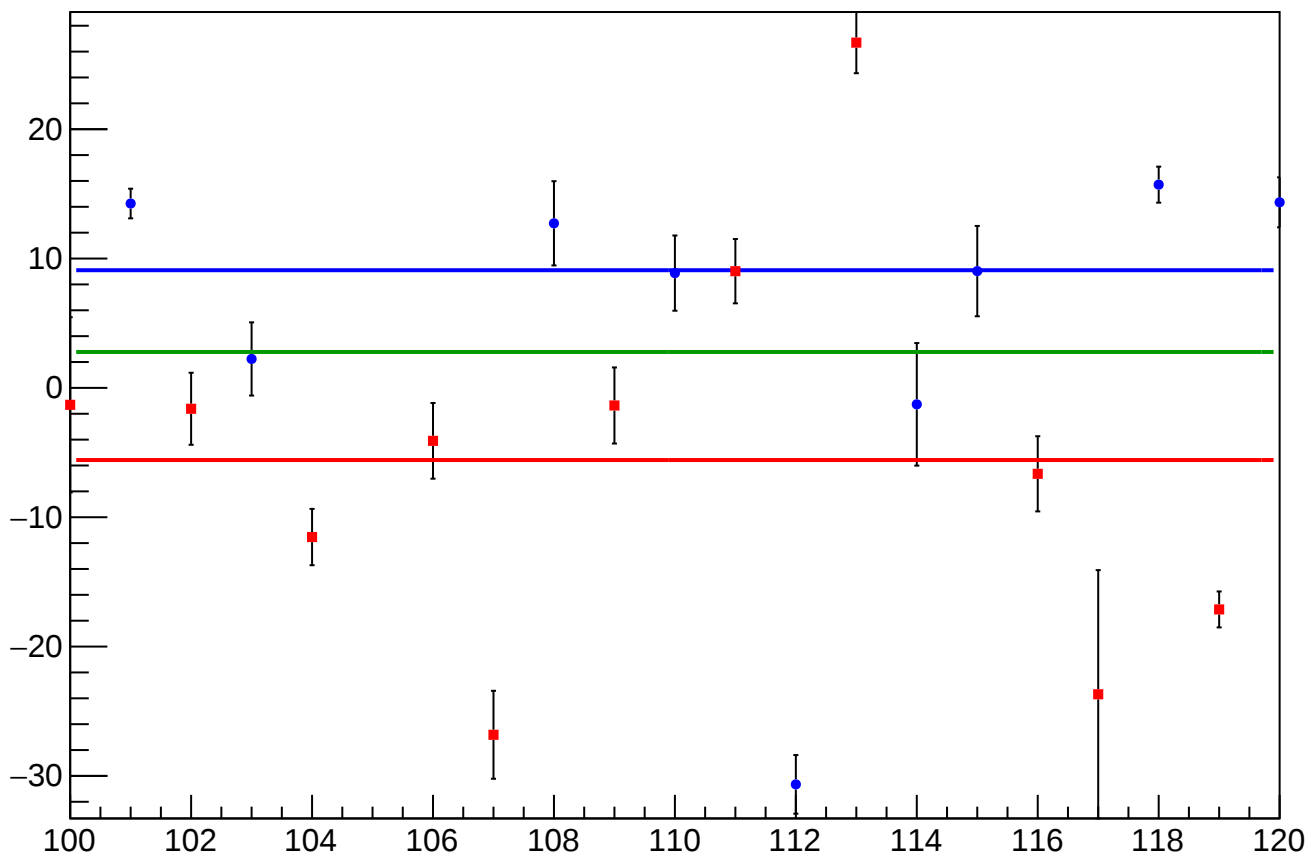
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

87.403+/-1.090 χ^2/NDF : 2436.2/8

-4.807+/-0.787 χ^2/NDF : 19562.4/19

-105.155+/-1.137 χ^2/NDF : 2174.5/10

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.098 ± 0.674 χ^2/NDF : 369.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.578 ± 0.774 χ^2/NDF : 344.5/10

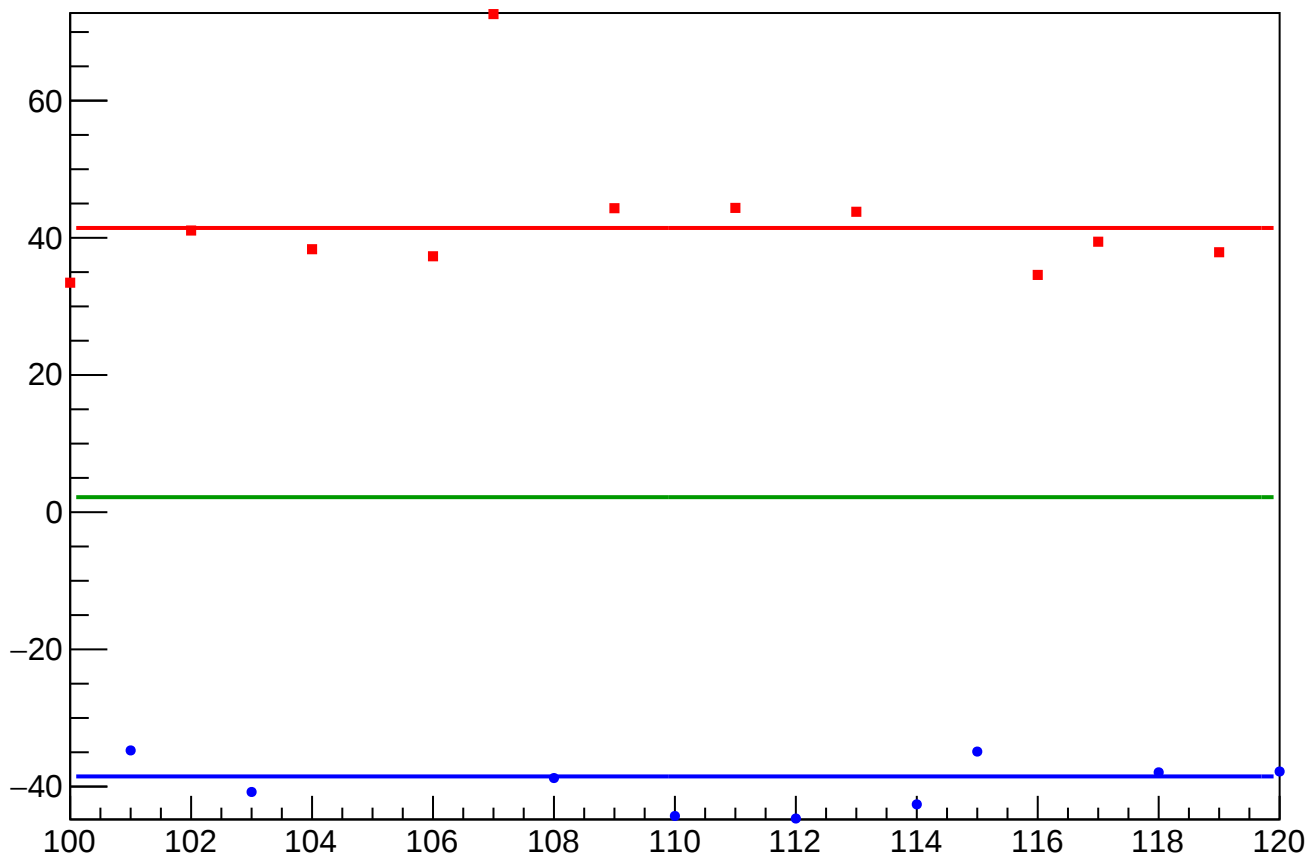
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

9.098 ± 0.674 χ^2/NDF : 369.8/8

2.777 ± 0.508 χ^2/NDF : 918.7/19

-5.578 ± 0.774 χ^2/NDF : 344.5/10

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.521+/-0.037 χ^2/NDF : 7568.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.436+/-0.036 χ^2/NDF : 47460.3/10

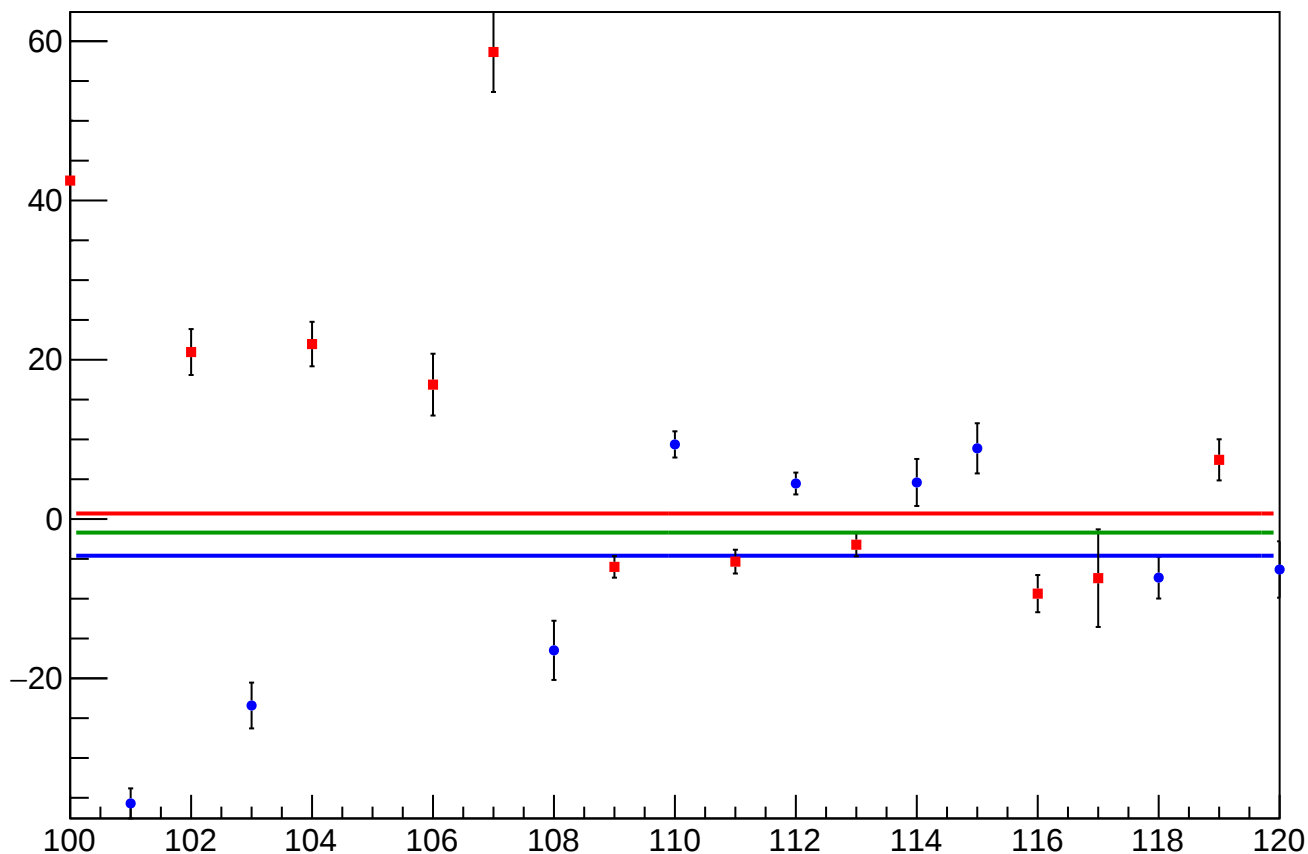
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-38.521+/-0.037 χ^2/NDF : 7568.6/8

2.192+/-0.026 χ^2/NDF : 2412590.6/19

41.436+/-0.036 χ^2/NDF : 47460.3/10

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -4.604+/-0.742 χ^2/NDF : 469.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.699+/-0.674 χ^2/NDF : 364.2/10

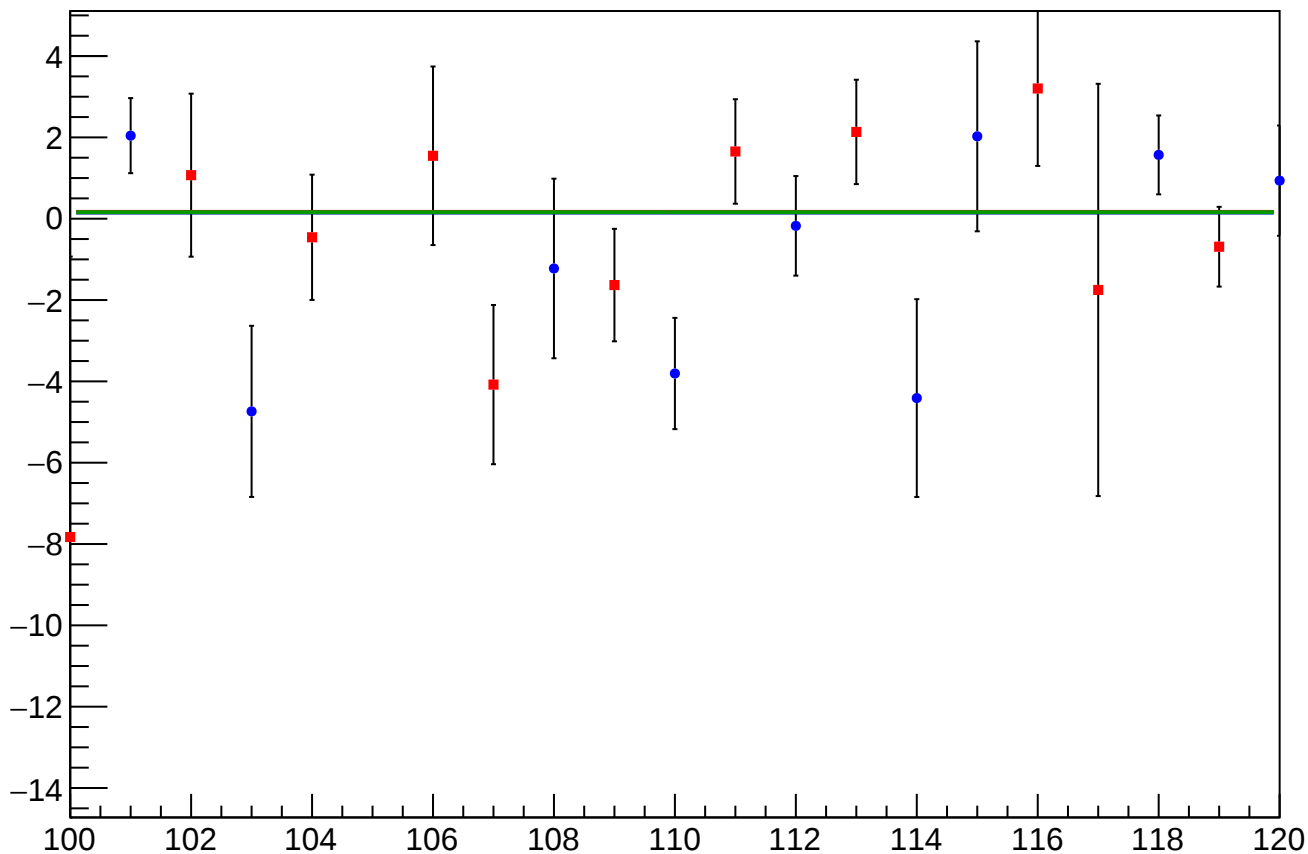
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.604+/-0.742 χ^2/NDF : 469.4/8

-1.699+/-0.499 χ^2/NDF : 861.6/19

0.699+/-0.674 χ^2/NDF : 364.2/10

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.153+/-0.458 χ^2/NDF : 25.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.167+/-0.485 χ^2/NDF : 15.6/10

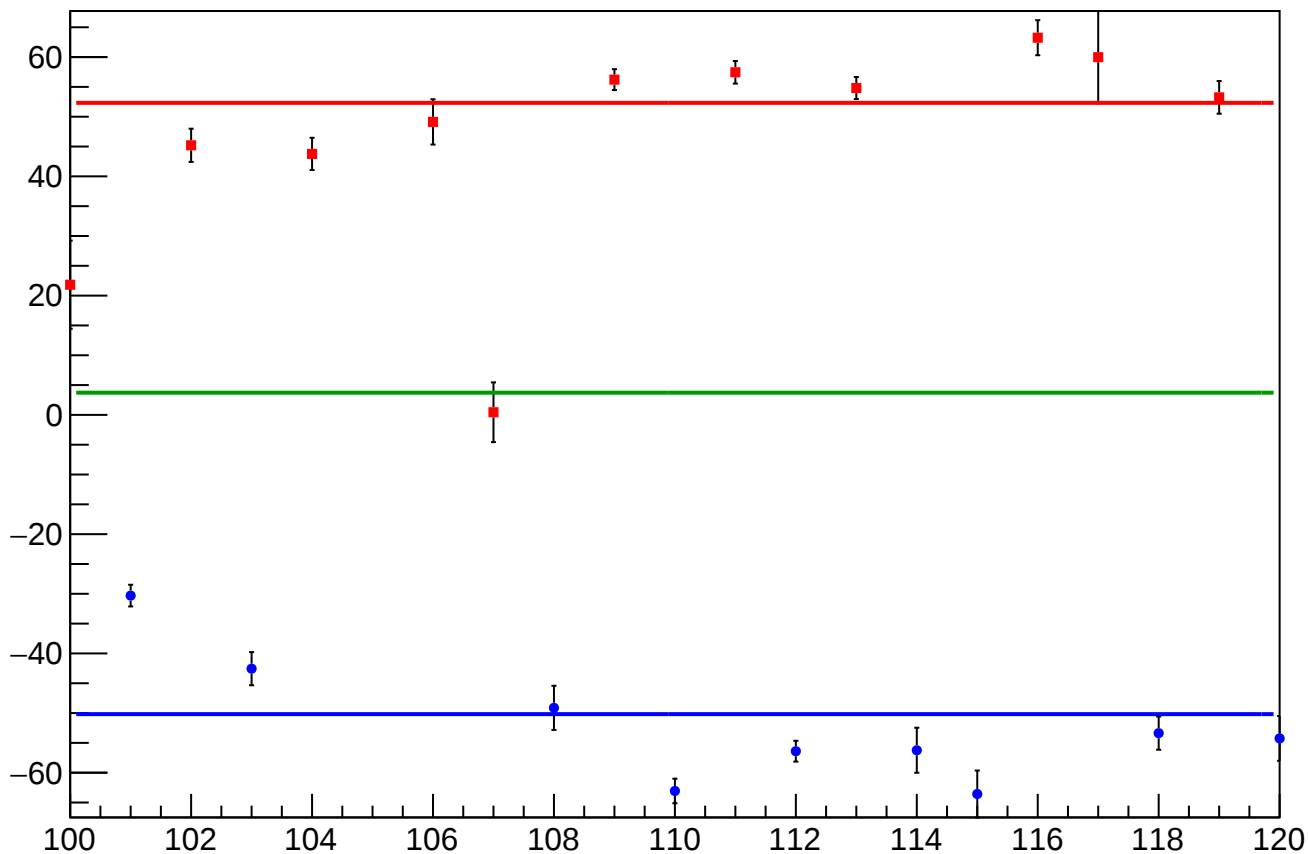
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.153+/-0.458 χ^2/NDF : 25.1/8

0.159+/-0.333 χ^2/NDF : 40.7/19

0.167+/-0.485 χ^2/NDF : 15.6/10

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.181 ± 0.844 χ^2/NDF : 195.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.328 ± 0.802 χ^2/NDF : 170.5/10

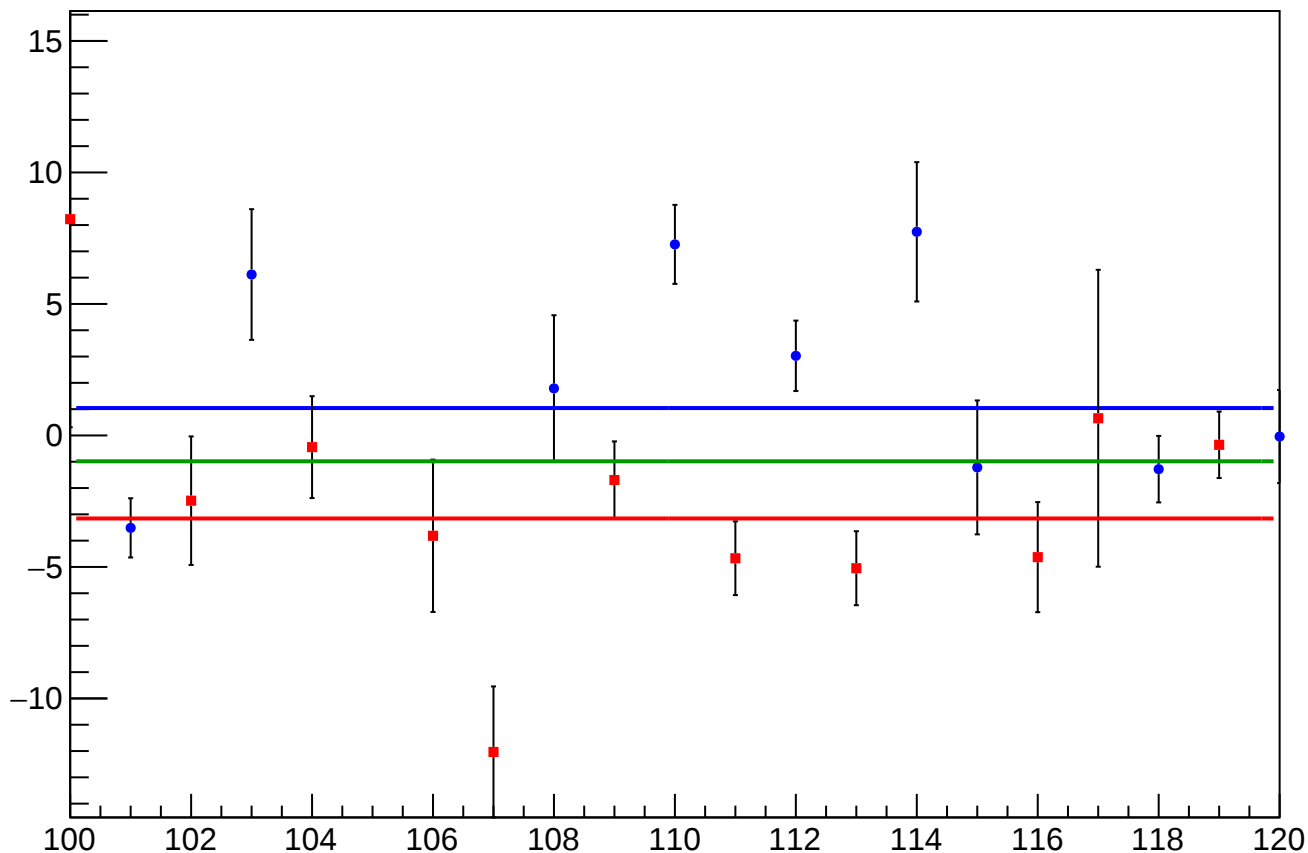
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-50.181 ± 0.844 χ^2/NDF : 195.4/8

3.725 ± 0.581 χ^2/NDF : 8118.0/19

52.328 ± 0.802 χ^2/NDF : 170.5/10

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.042 $\pm$ 0.549 χ^2 /NDF: 50.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.157 $\pm$ 0.568 χ^2 /NDF: 26.7/10

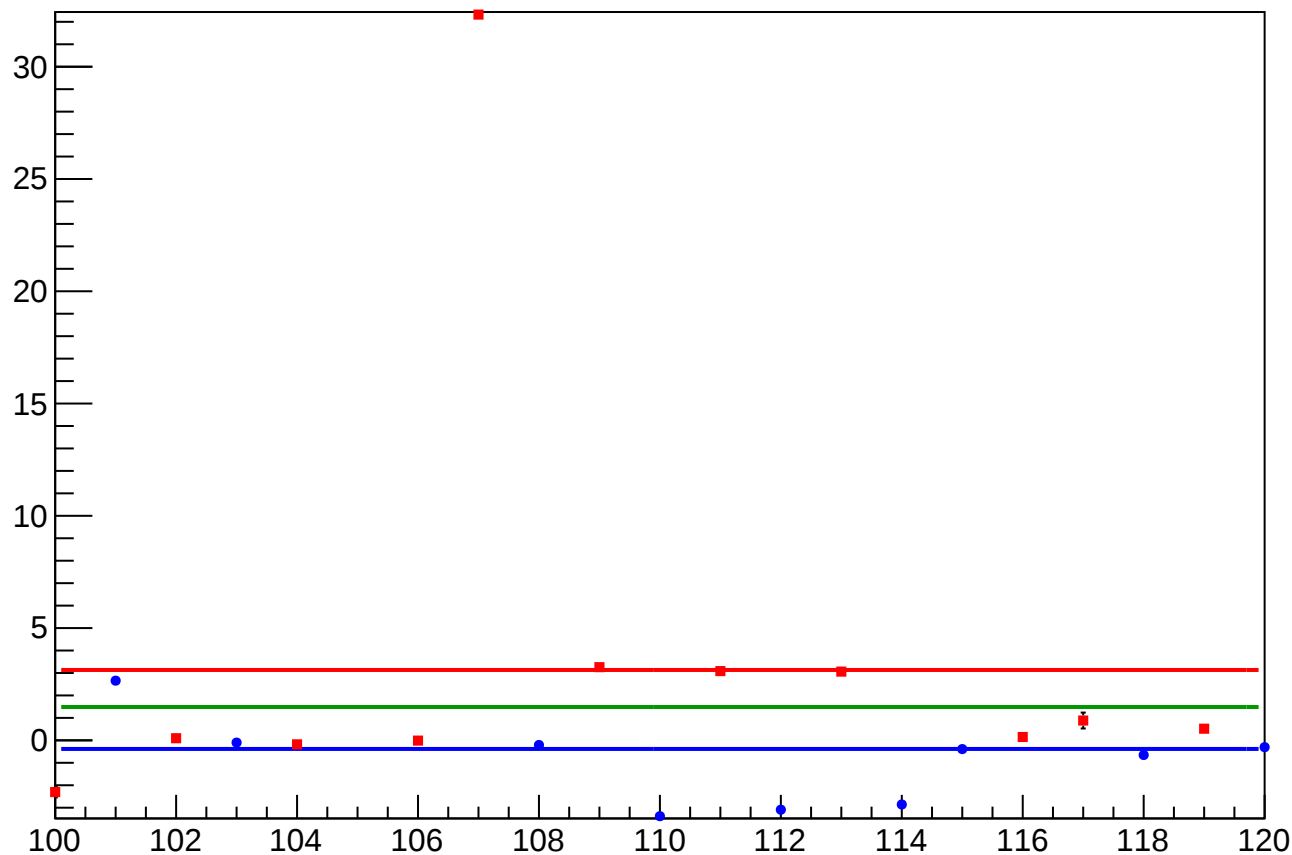
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.042 $\pm$ 0.549 χ^2 /NDF: 50.9/8

-0.983 $\pm$ 0.395 χ^2 /NDF: 105.8/19

-3.157 $\pm$ 0.568 χ^2 /NDF: 26.7/10

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.383 ± 0.031 $\chi^2/\text{NDF}: 4398.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.134 ± 0.029 $\chi^2/\text{NDF}: 71427.7/10$

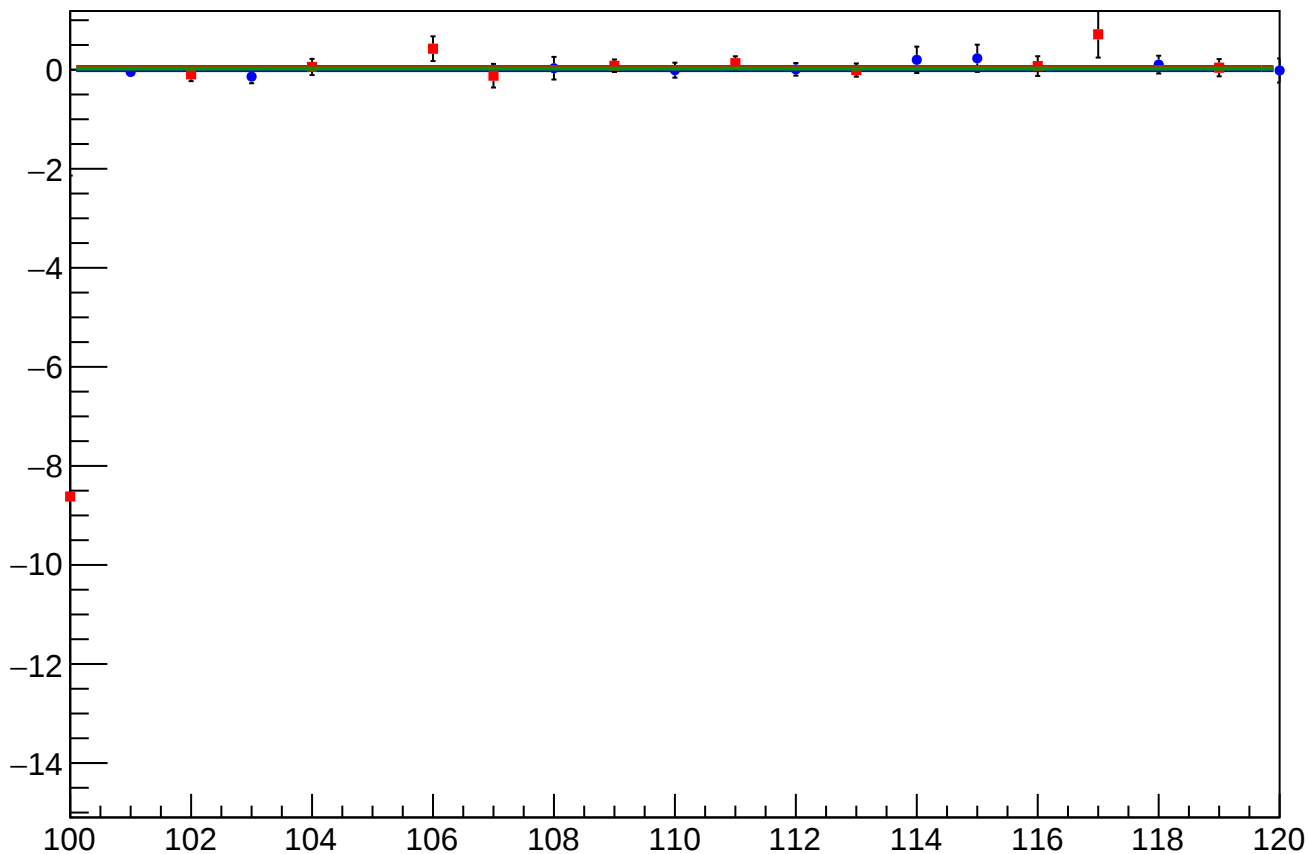
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.383 ± 0.031 $\chi^2/\text{NDF}: 4398.6/8$

1.485 ± 0.021 $\chi^2/\text{NDF}: 82830.8/19$

3.134 ± 0.029 $\chi^2/\text{NDF}: 71427.7/10$

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.007+/-0.053 χ^2/NDF : 2.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.055+/-0.053 χ^2/NDF : 8.3/10

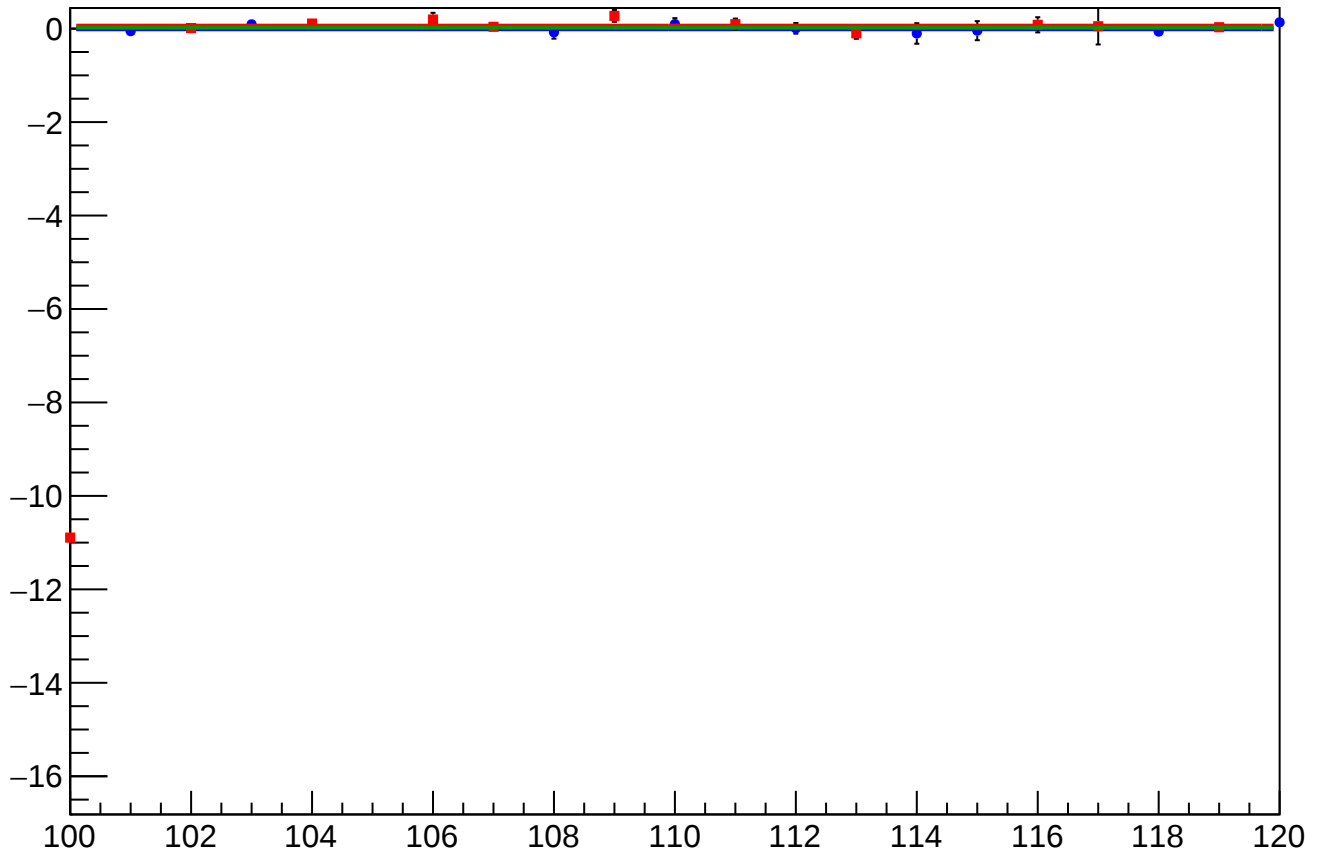
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.007+/-0.053 χ^2/NDF : 2.9/8

0.024+/-0.037 χ^2/NDF : 11.8/19

0.055+/-0.053 χ^2/NDF : 8.3/10

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 6.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.063 $\pm$ 0.034 χ^2 /NDF: 9.8/10

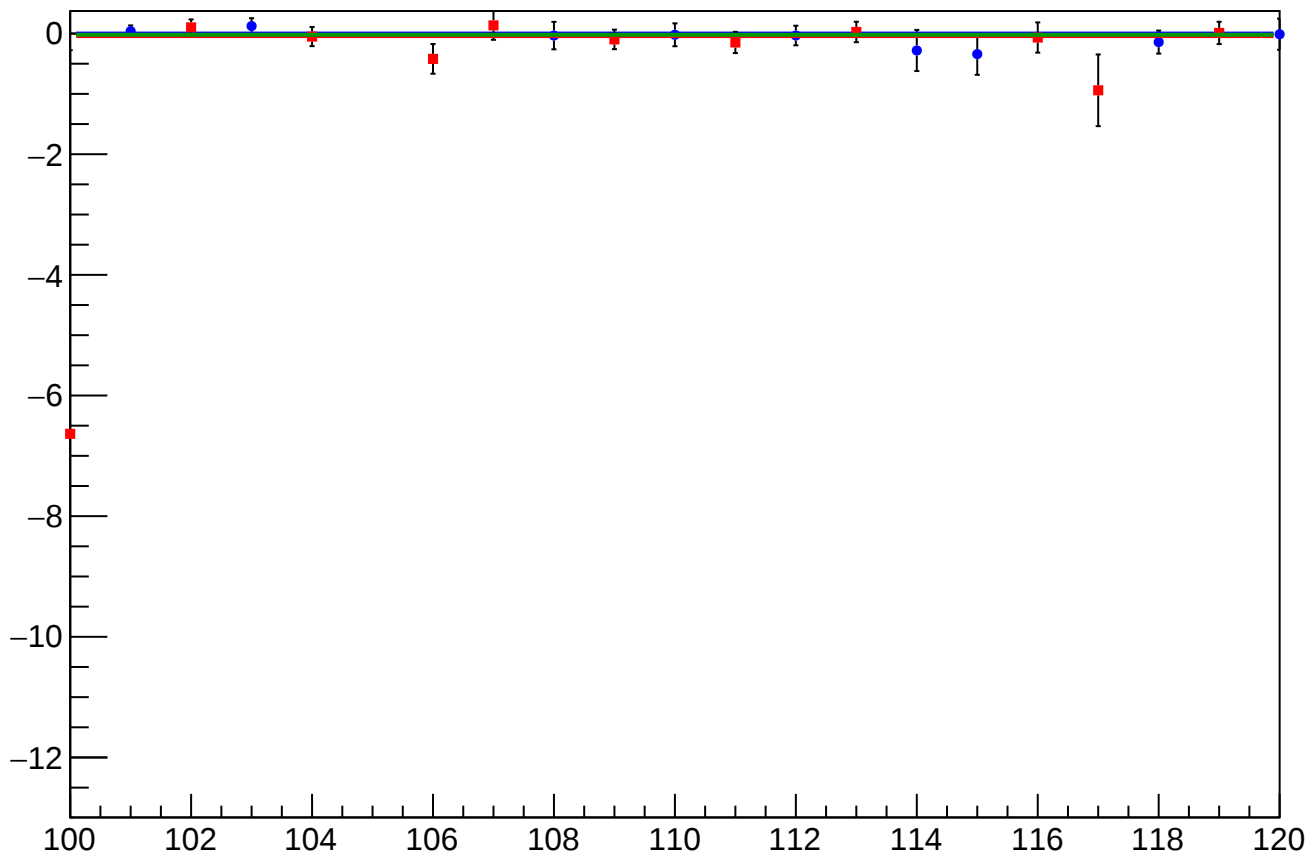
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.012 $\pm$ 0.030 χ^2 /NDF: 6.2/8

0.021 $\pm$ 0.023 χ^2 /NDF: 18.8/19

0.063 $\pm$ 0.034 χ^2 /NDF: 9.8/10

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.057 χ^2 /NDF: 3.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042+/-0.059 χ^2 /NDF: 8.2/10

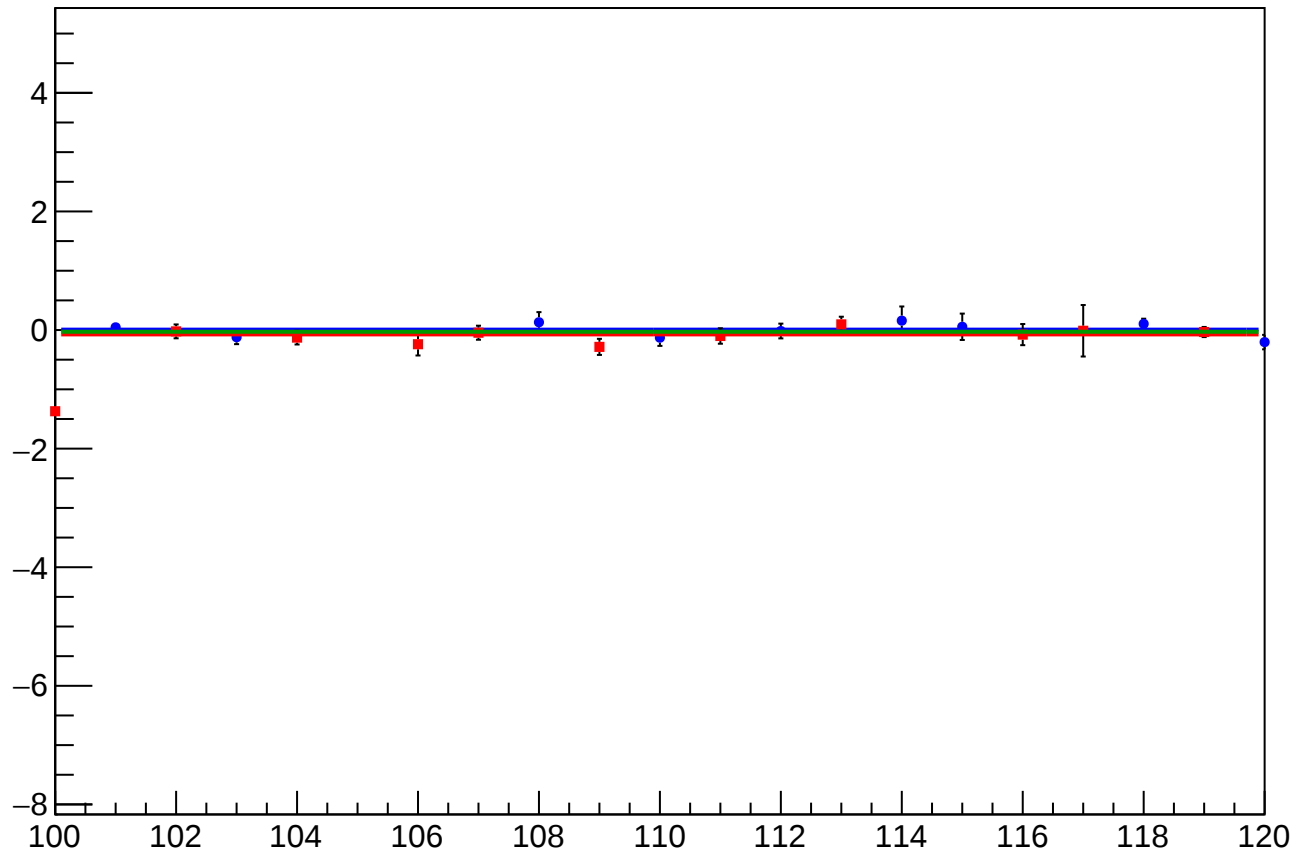
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.001+/-0.057 χ^2 /NDF: 3.4/8

-0.020+/-0.041 χ^2 /NDF: 11.8/19

-0.042+/-0.059 χ^2 /NDF: 8.2/10

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

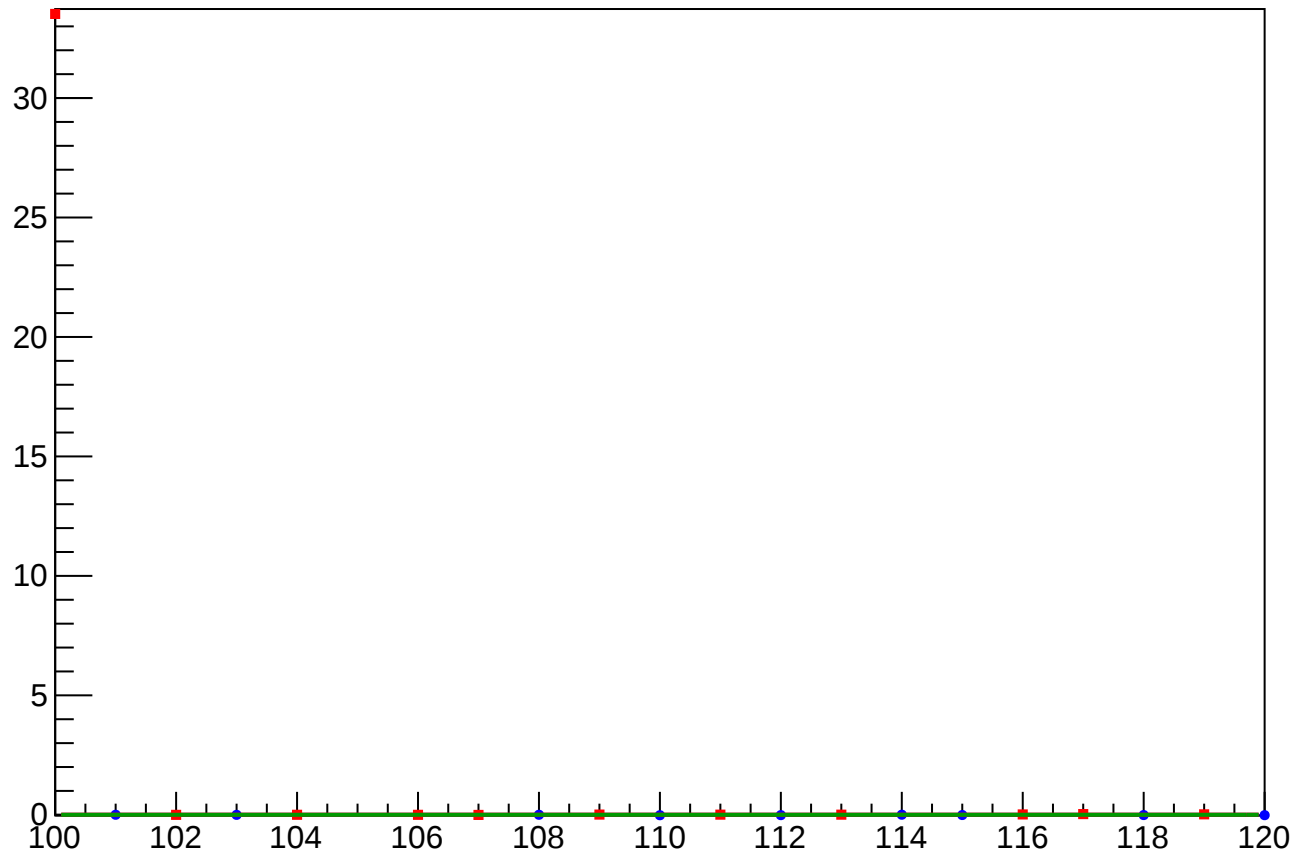


0.007 ± 0.037 $\chi^2/\text{NDF}: 7.9/8$

-0.029 ± 0.027 $\chi^2/\text{NDF}: 15.7/19$

-0.074 ± 0.041 $\chi^2/\text{NDF}: 5.7/10$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.002 χ^2 /NDF: 10.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.002 χ^2 /NDF: 26501.3/10

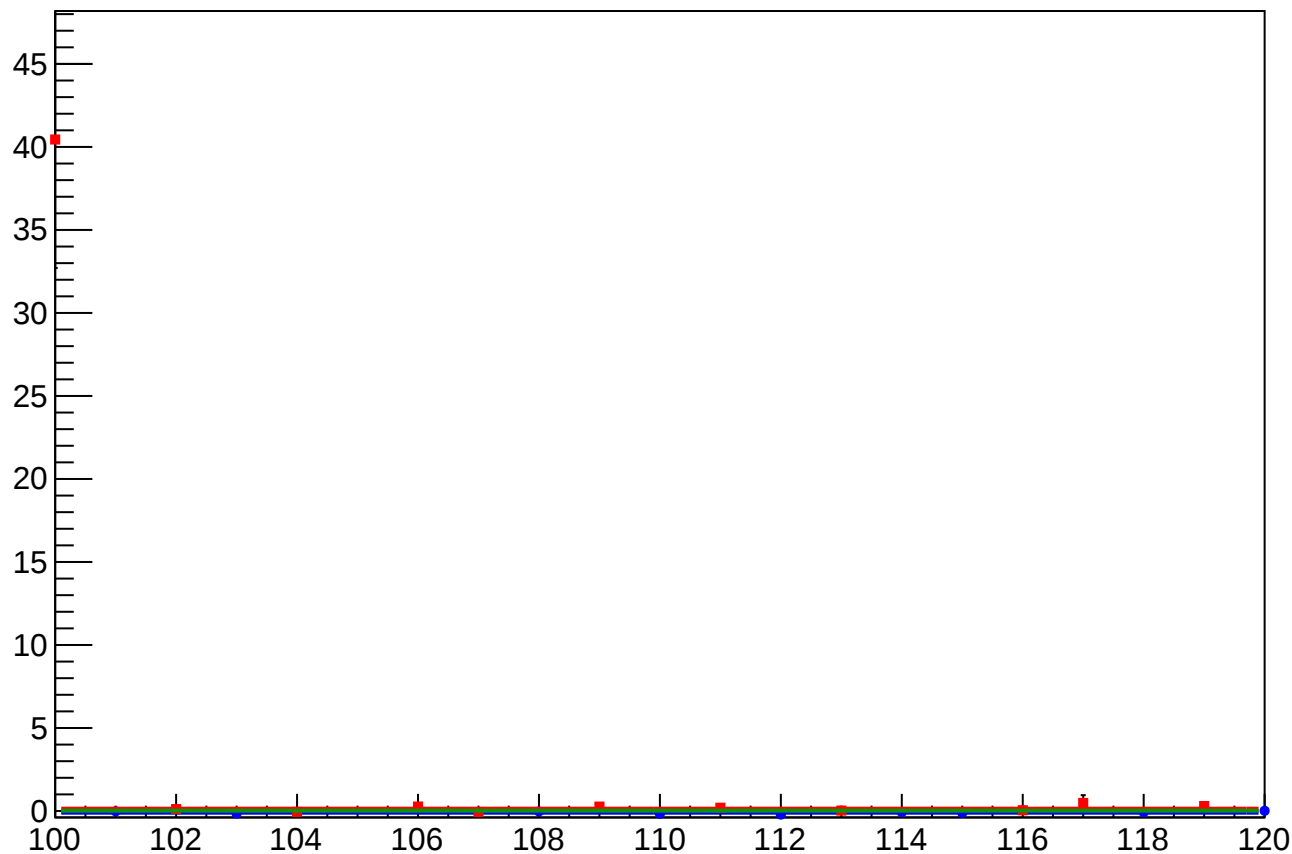
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.003 $\pm$ 0.002 χ^2 /NDF: 10.0/8

0.001 $\pm$ 0.001 χ^2 /NDF: 26519.6/19

0.004 $\pm$ 0.002 χ^2 /NDF: 26501.3/10

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.101 $\pm$ 0.053 χ^2 /NDF: 2.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.138 $\pm$ 0.053 χ^2 /NDF: 33.0/10

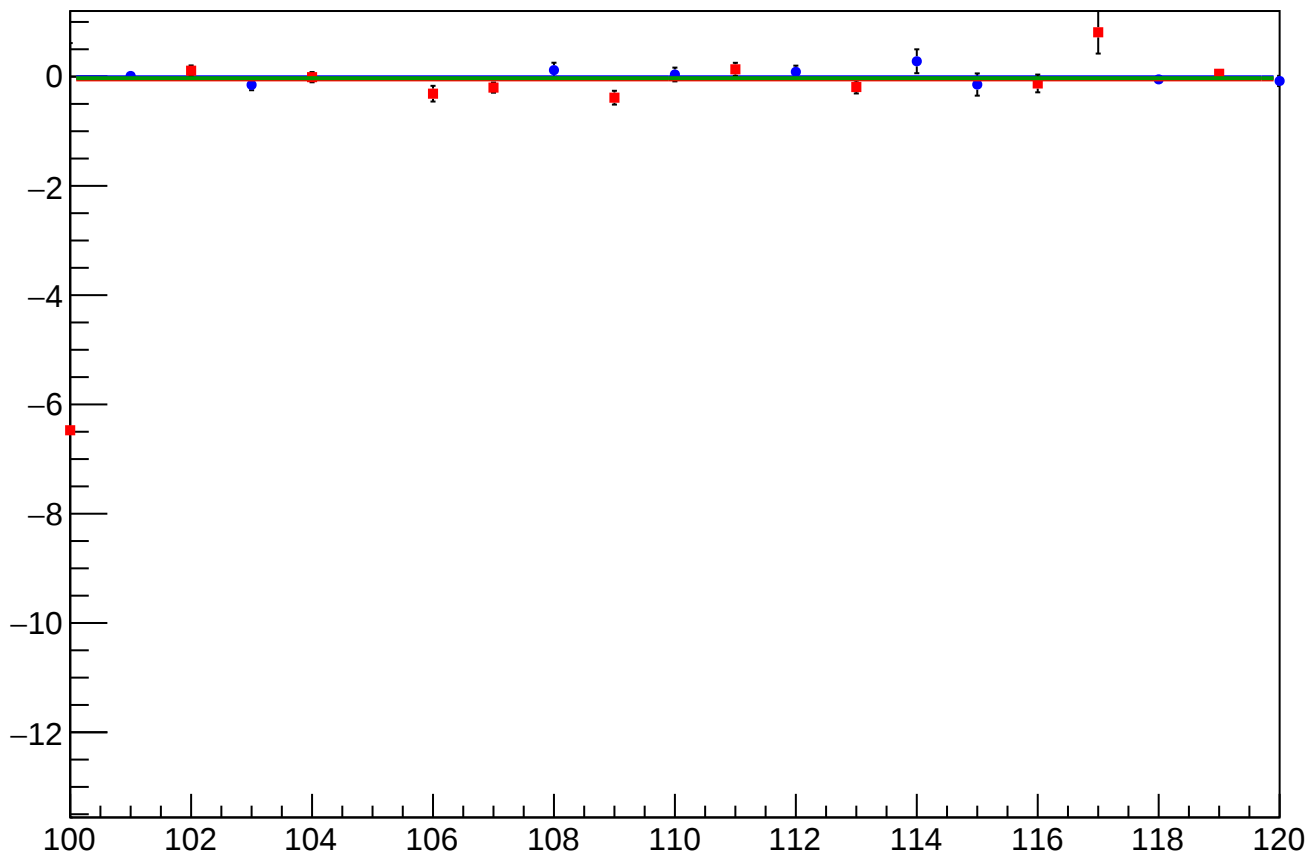
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.101 $\pm$ 0.053 χ^2 /NDF: 2.2/8

0.019 $\pm$ 0.037 χ^2 /NDF: 45.5/19

0.138 $\pm$ 0.053 χ^2 /NDF: 33.0/10

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 7.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.051 $\pm$ 0.034 χ^2 /NDF: 28.0/10

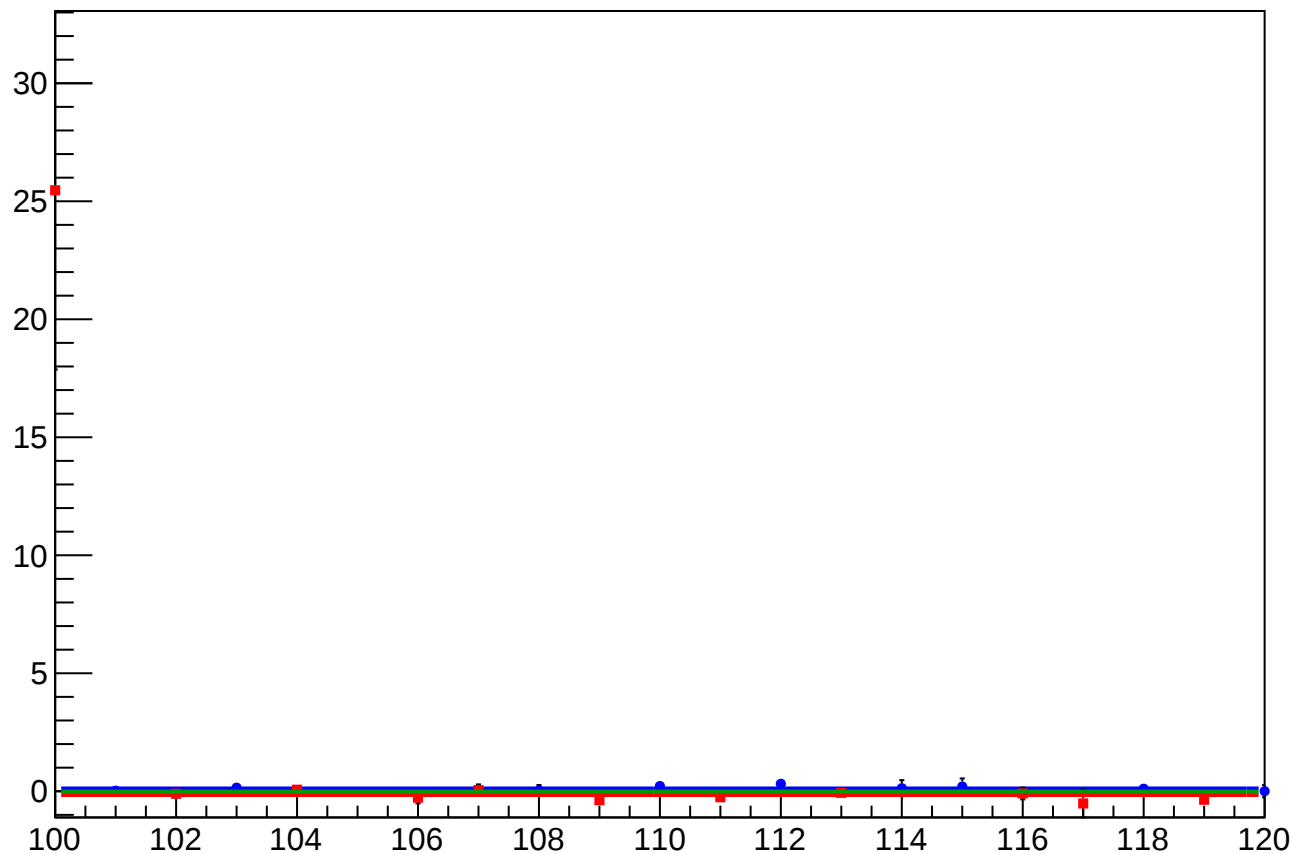
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.012 $\pm$ 0.030 χ^2 /NDF: 7.2/8

-0.029 $\pm$ 0.023 χ^2 /NDF: 35.9/19

-0.051 $\pm$ 0.034 χ^2 /NDF: 28.0/10

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.118 $\pm$ 0.056 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.158 $\pm$ 0.059 χ^2 /NDF: 18.6/10

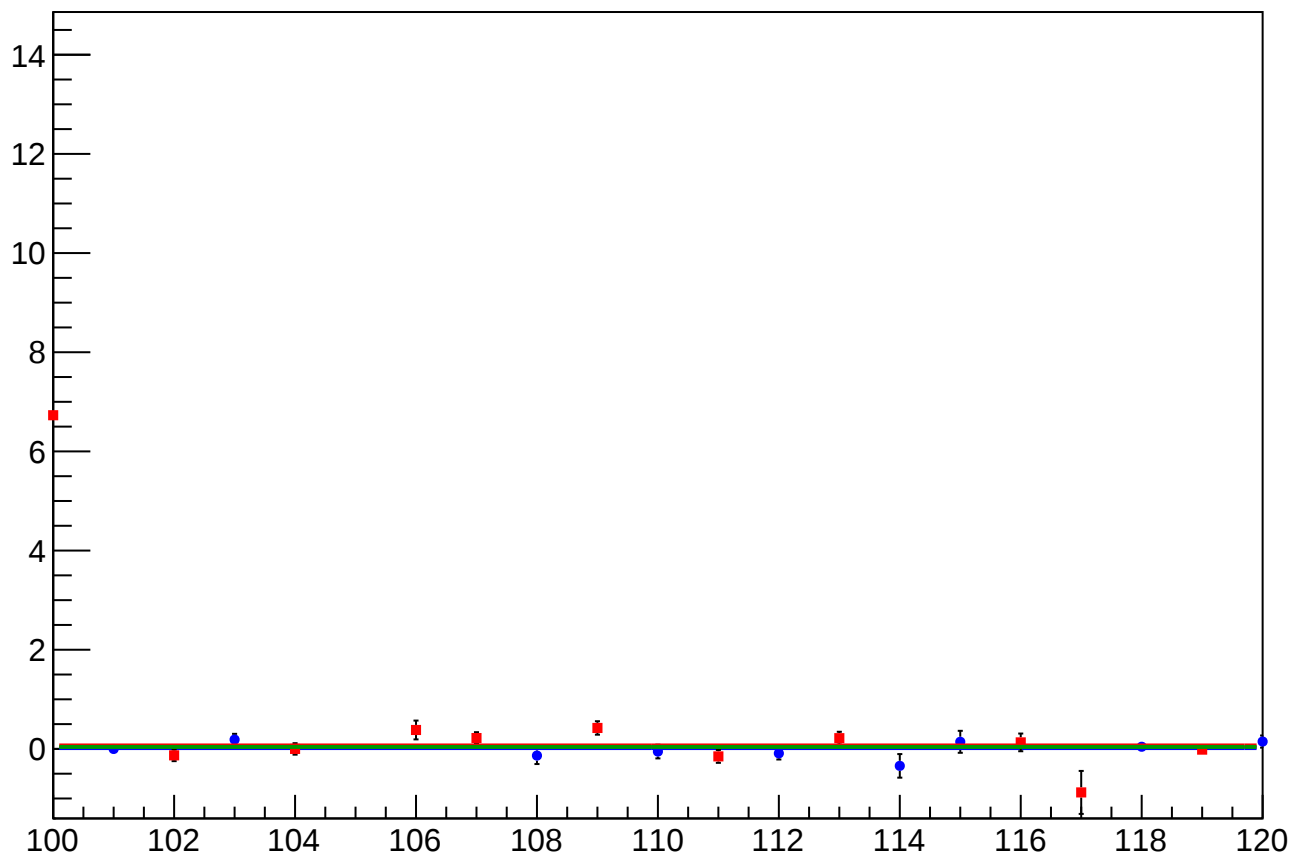
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.118 $\pm$ 0.056 χ^2 /NDF: 3.2/8

-0.013 $\pm$ 0.041 χ^2 /NDF: 33.1/19

-0.158 $\pm$ 0.059 χ^2 /NDF: 18.6/10

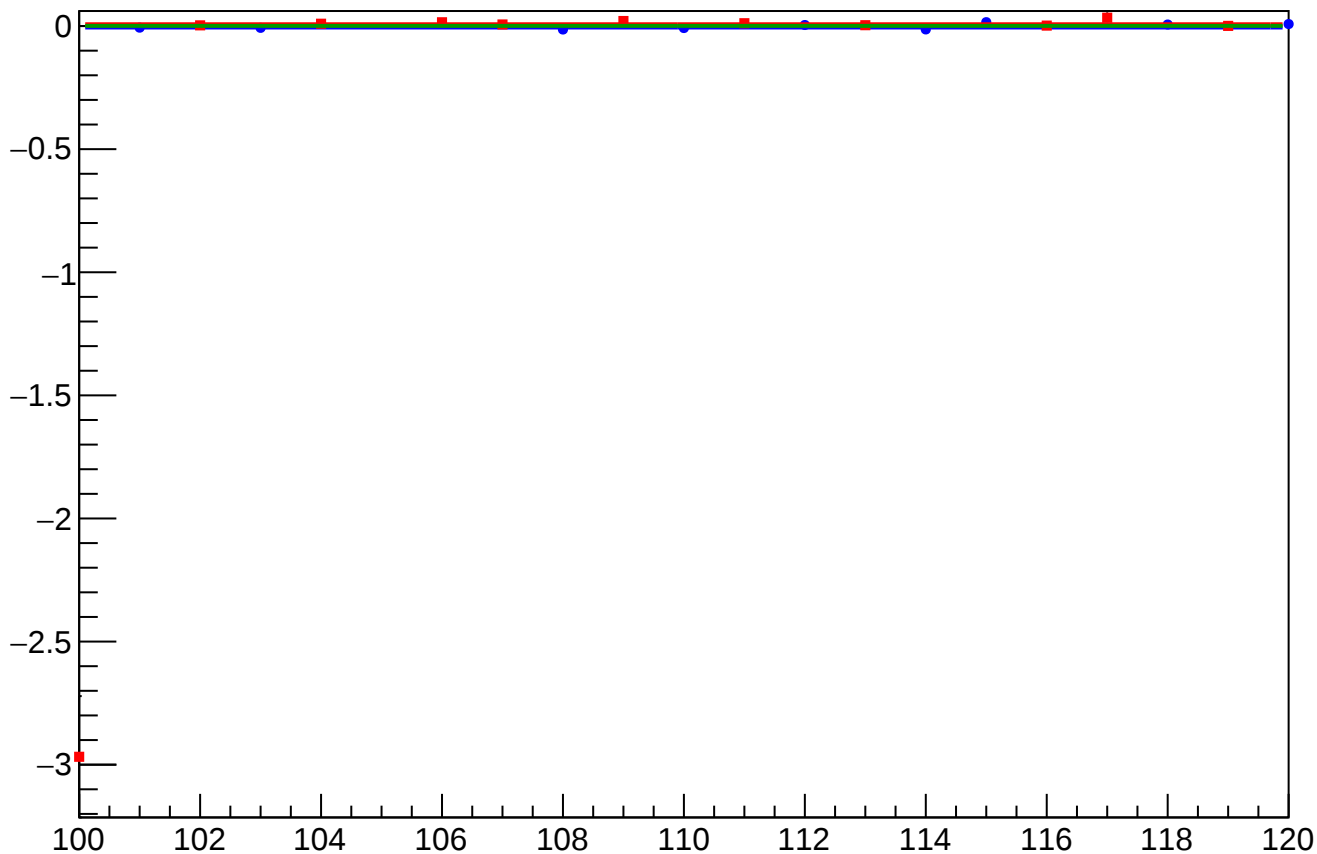
reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.037 χ^2 /NDF: 7.9/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.069 $\pm$ 0.041 χ^2 /NDF: 25.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.017 $\pm$ 0.037 χ^2 /NDF: 7.9/8
 0.040 $\pm$ 0.027 χ^2 /NDF: 33.9/19
 0.069 $\pm$ 0.041 χ^2 /NDF: 25.1/10

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.002 χ^2 /NDF: 11.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.002 χ^2 /NDF: 156.0/10

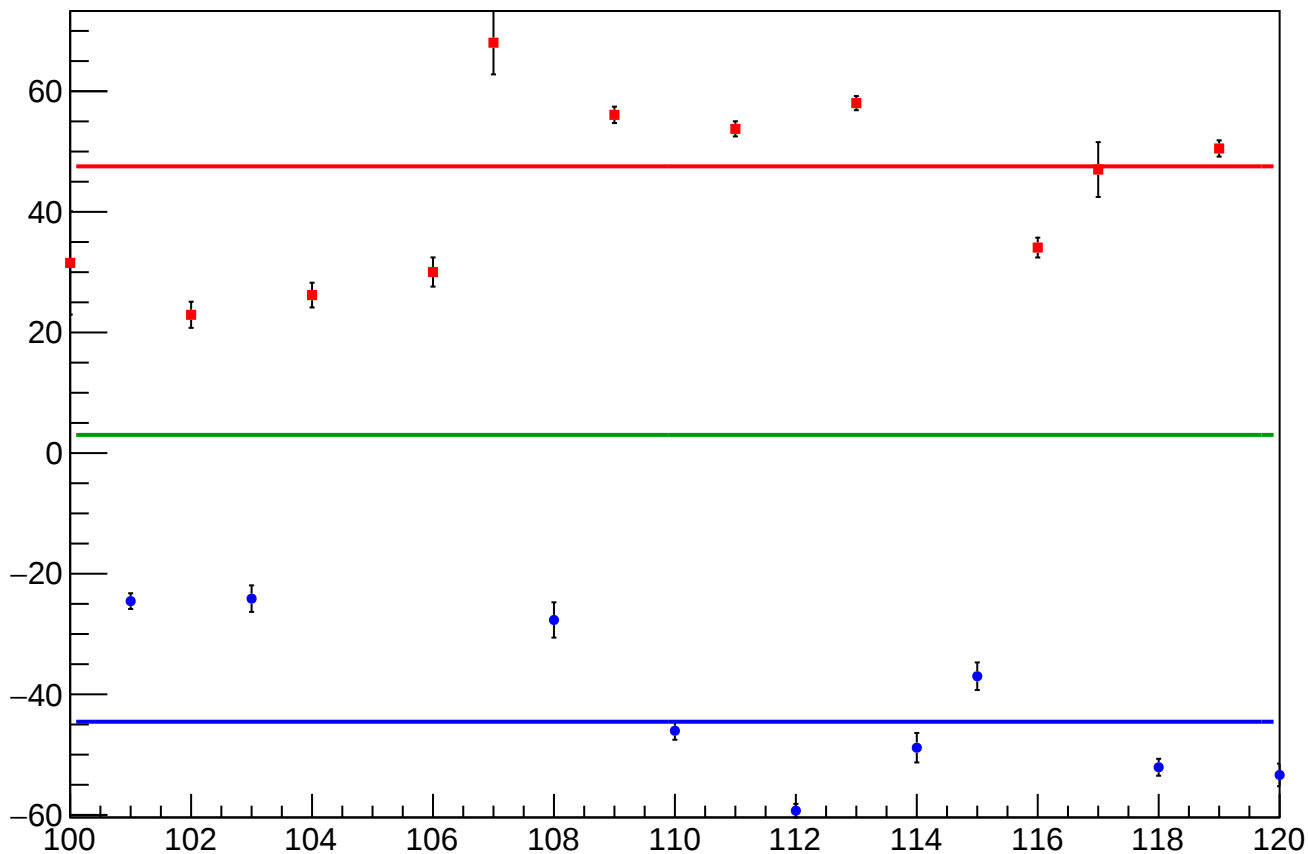
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-0.006 $\pm$ 0.002 χ^2 /NDF: 11.1/8

0.001 $\pm$ 0.001 χ^2 /NDF: 193.1/19

0.007 $\pm$ 0.002 χ^2 /NDF: 156.0/10

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.541 ± 0.550 $\chi^2/\text{NDF}: 593.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 47.551 ± 0.532 $\chi^2/\text{NDF}: 523.4/10$

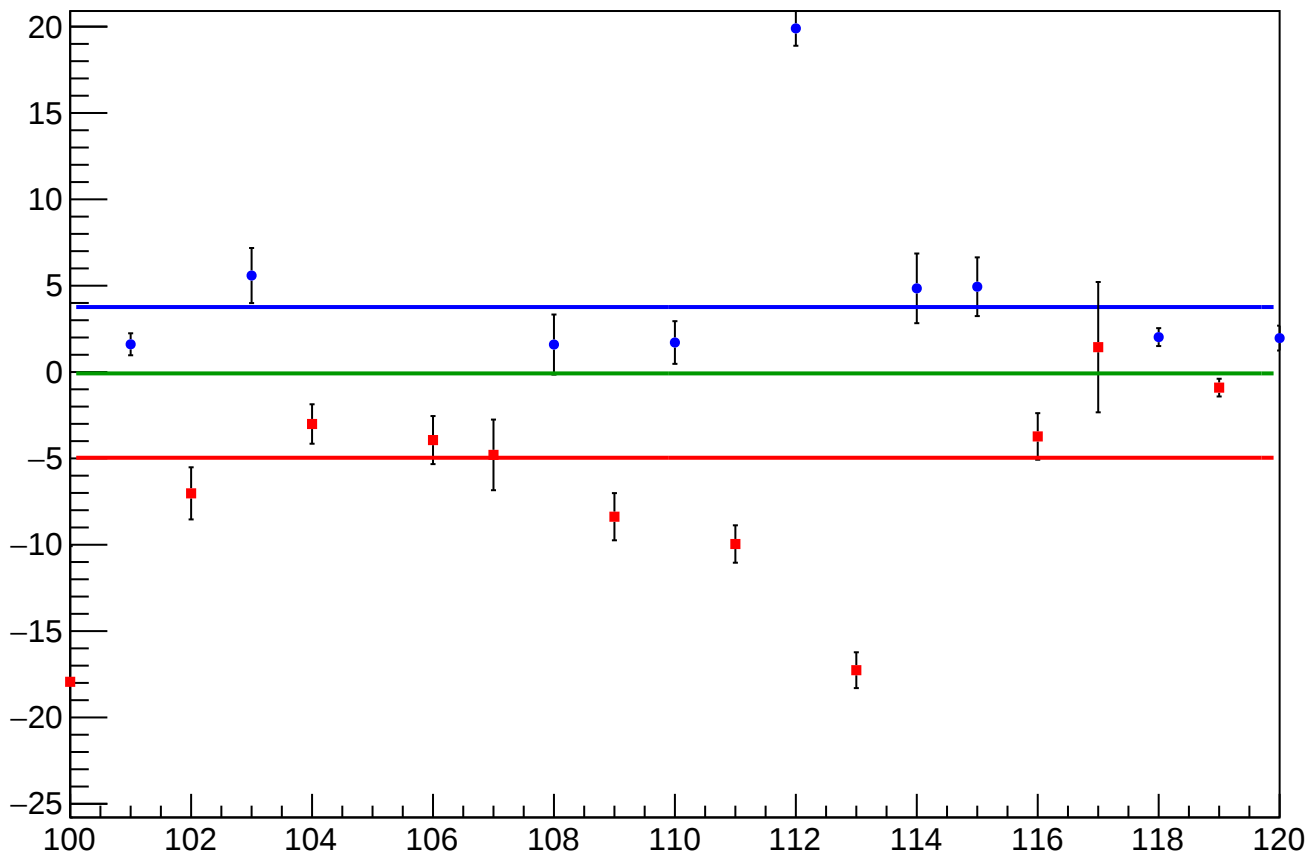
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-44.541 ± 0.550 $\chi^2/\text{NDF}: 593.8/8$

3.018 ± 0.382 $\chi^2/\text{NDF}: 15613.4/19$

47.551 ± 0.532 $\chi^2/\text{NDF}: 523.4/10$

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.764 ± 0.300 $\chi^2/\text{NDF}: 292.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.963 ± 0.339 $\chi^2/\text{NDF}: 242.7/10$

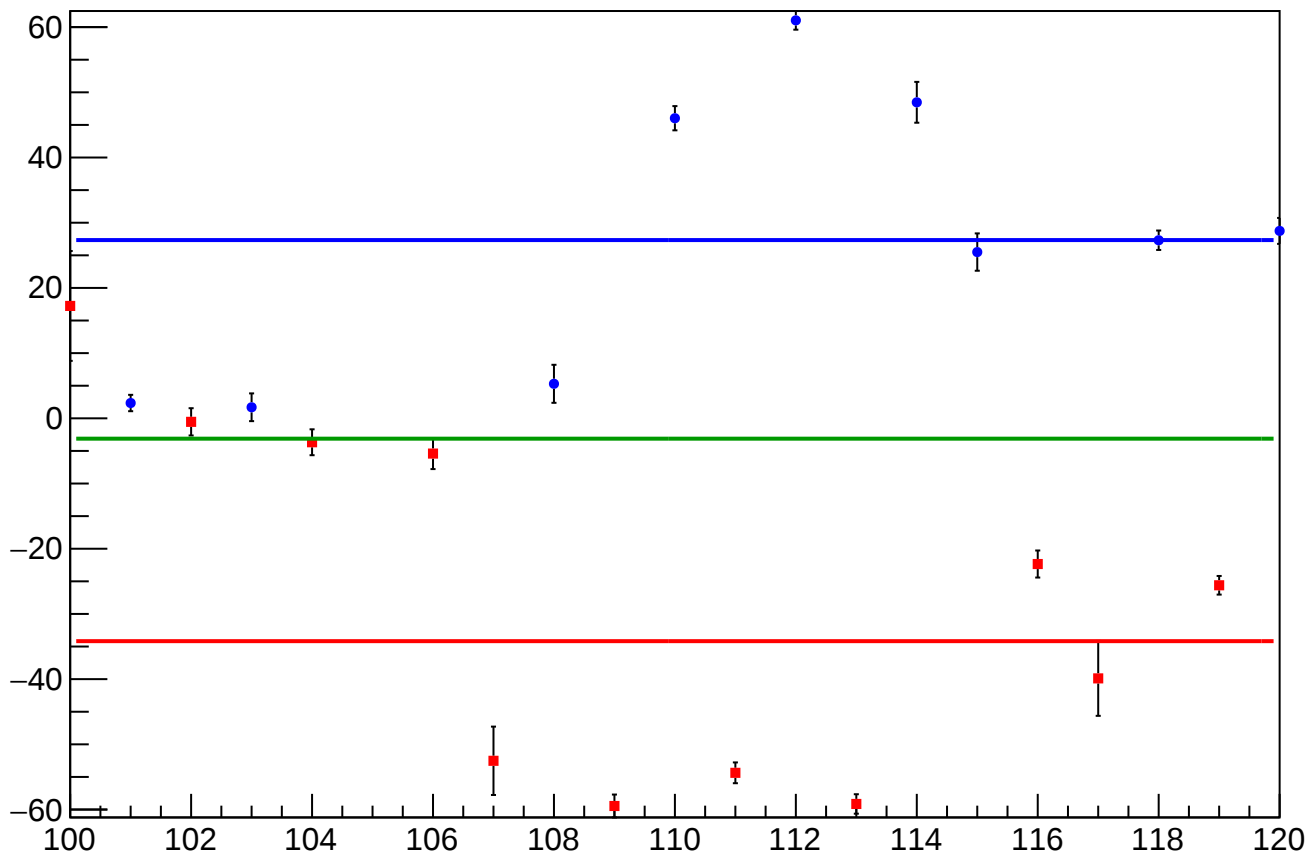
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

3.764 ± 0.300 $\chi^2/\text{NDF}: 292.7/8$

-0.079 ± 0.225 $\chi^2/\text{NDF}: 907.0/19$

-4.963 ± 0.339 $\chi^2/\text{NDF}: 242.7/10$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.339+/-0.611 χ^2/NDF : 1301.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.175+/-0.617 χ^2/NDF : 1407.4/10

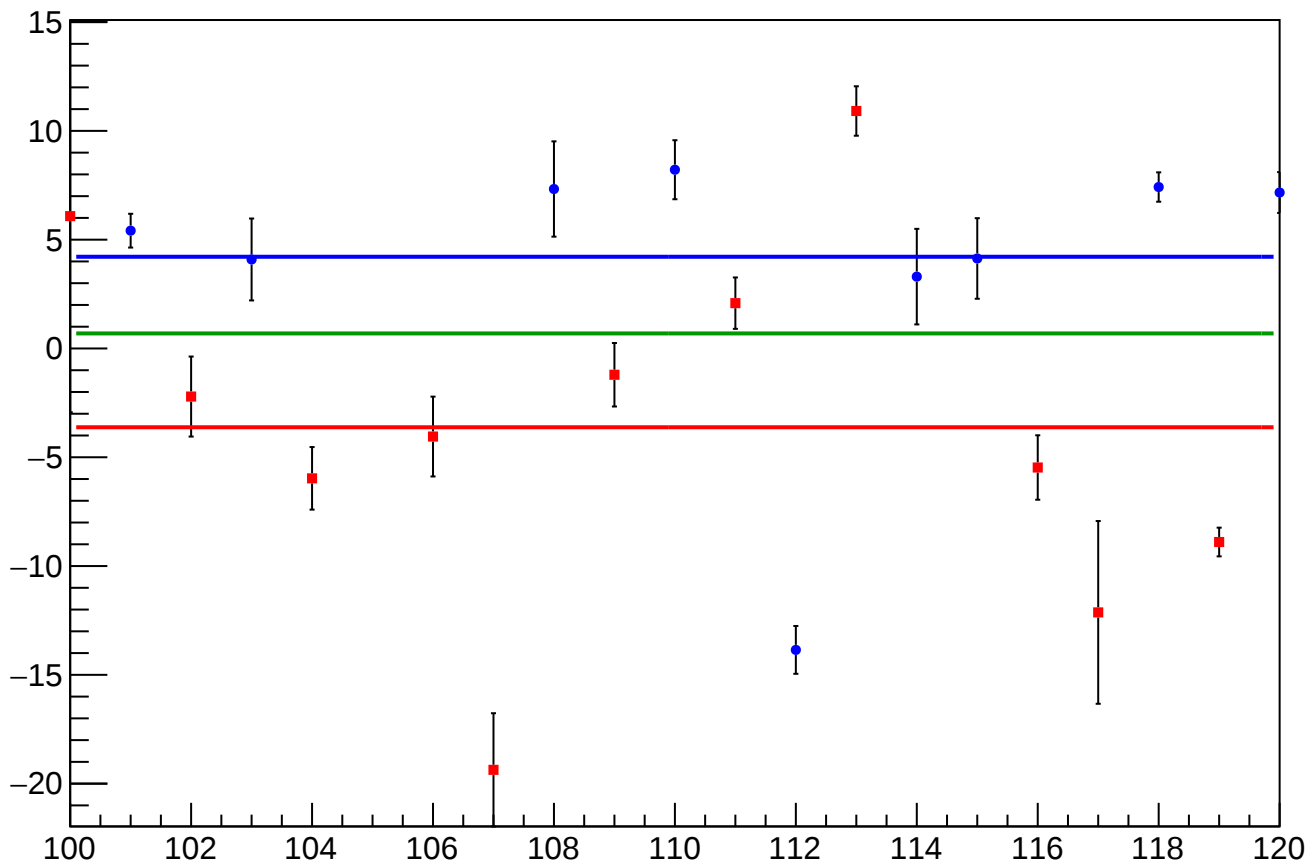
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.339+/-0.611 χ^2/NDF : 1301.8/8

-3.120+/-0.434 χ^2/NDF : 7730.6/19

-34.175+/-0.617 χ^2/NDF : 1407.4/10

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.215+/-0.369 χ^2/NDF : 316.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.621+/-0.408 χ^2/NDF : 300.4/10

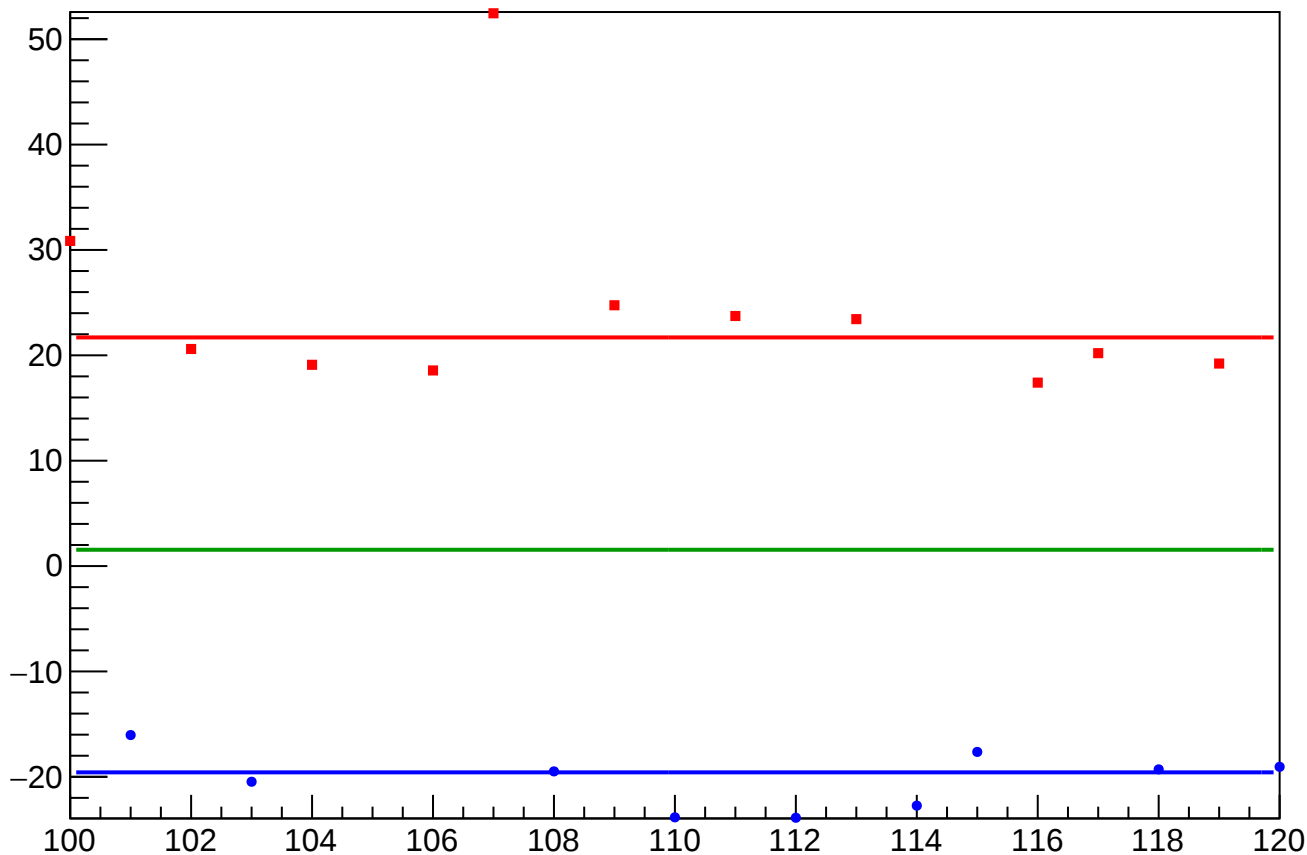
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.215+/-0.369 χ^2/NDF : 316.0/8

0.691+/-0.274 χ^2/NDF : 819.4/19

-3.621+/-0.408 χ^2/NDF : 300.4/10

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.578 $\pm$ 0.022 χ^2 /NDF: 13712.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.698 $\pm$ 0.022 χ^2 /NDF: 78855.2/10

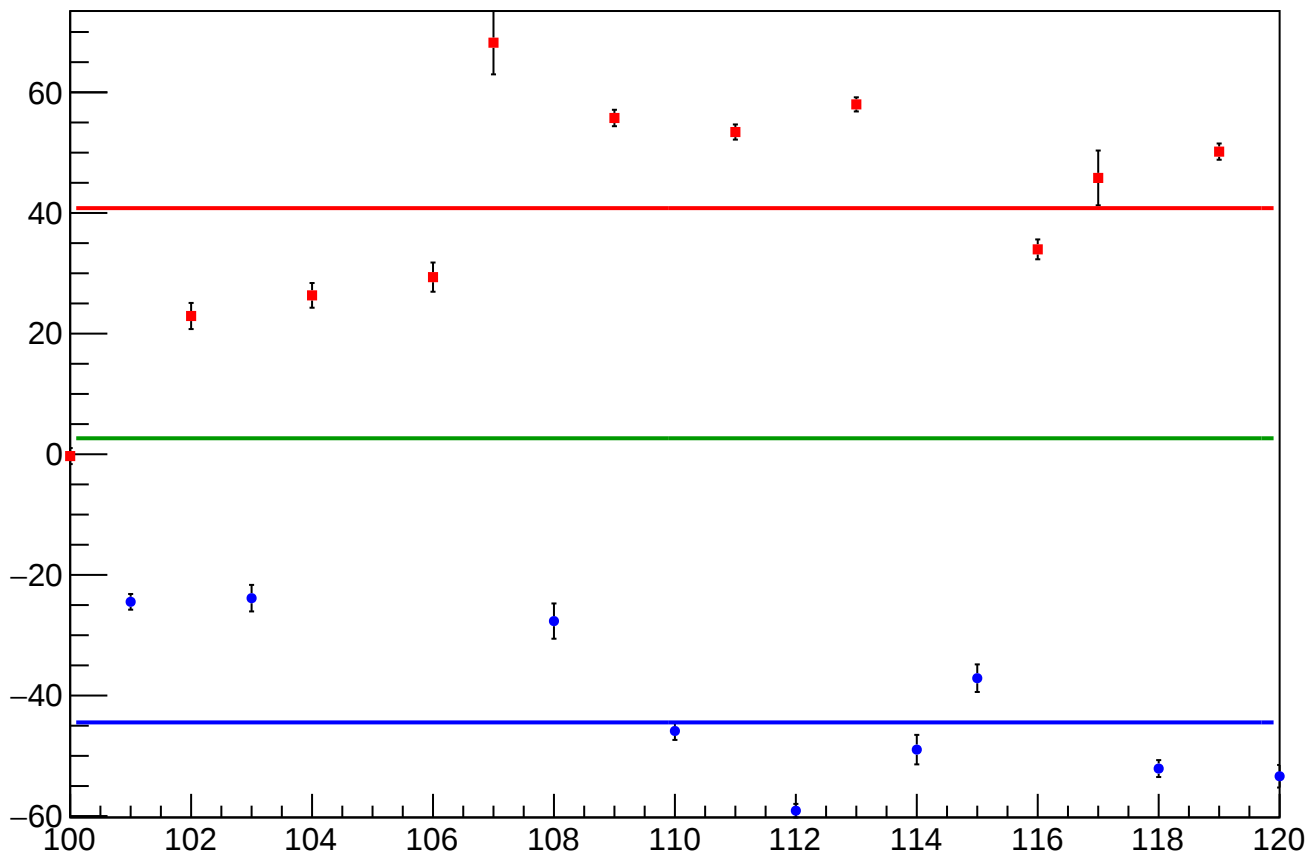
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.578 $\pm$ 0.022 χ^2 /NDF: 13712.7/8

1.548 $\pm$ 0.016 χ^2 /NDF: 1858441.4/19

21.698 $\pm$ 0.022 χ^2 /NDF: 78855.2/10

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.454 $\pm$ 0.549 χ^2 /NDF: 593.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.801 $\pm$ 0.494 χ^2 /NDF: 1625.8/10

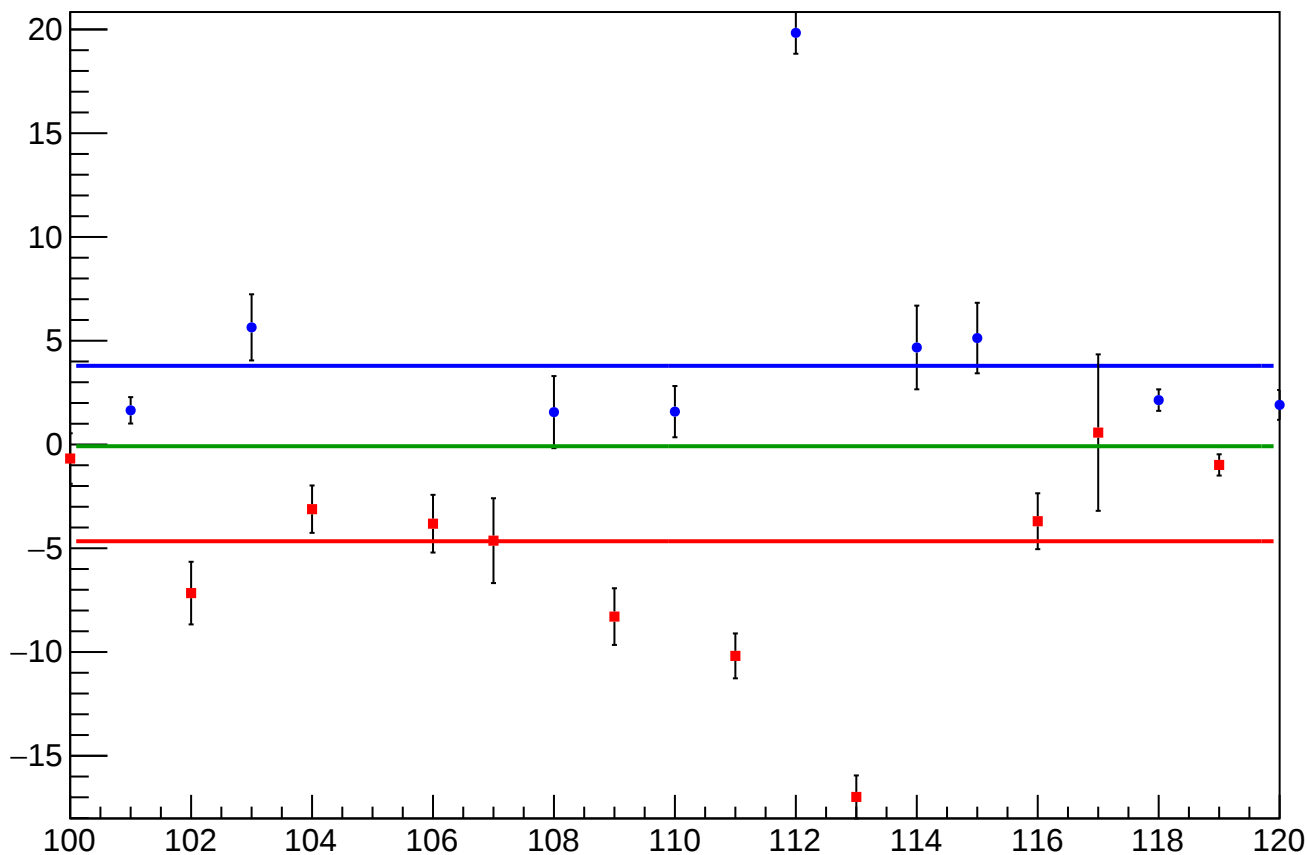
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.454 $\pm$ 0.549 χ^2 /NDF: 593.7/8

2.650 $\pm$ 0.367 χ^2 /NDF: 15527.0/19

40.801 $\pm$ 0.494 χ^2 /NDF: 1625.8/10

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.791 ± 0.300 χ^2/NDF : 290.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.662 ± 0.326 χ^2/NDF : 244.1/10

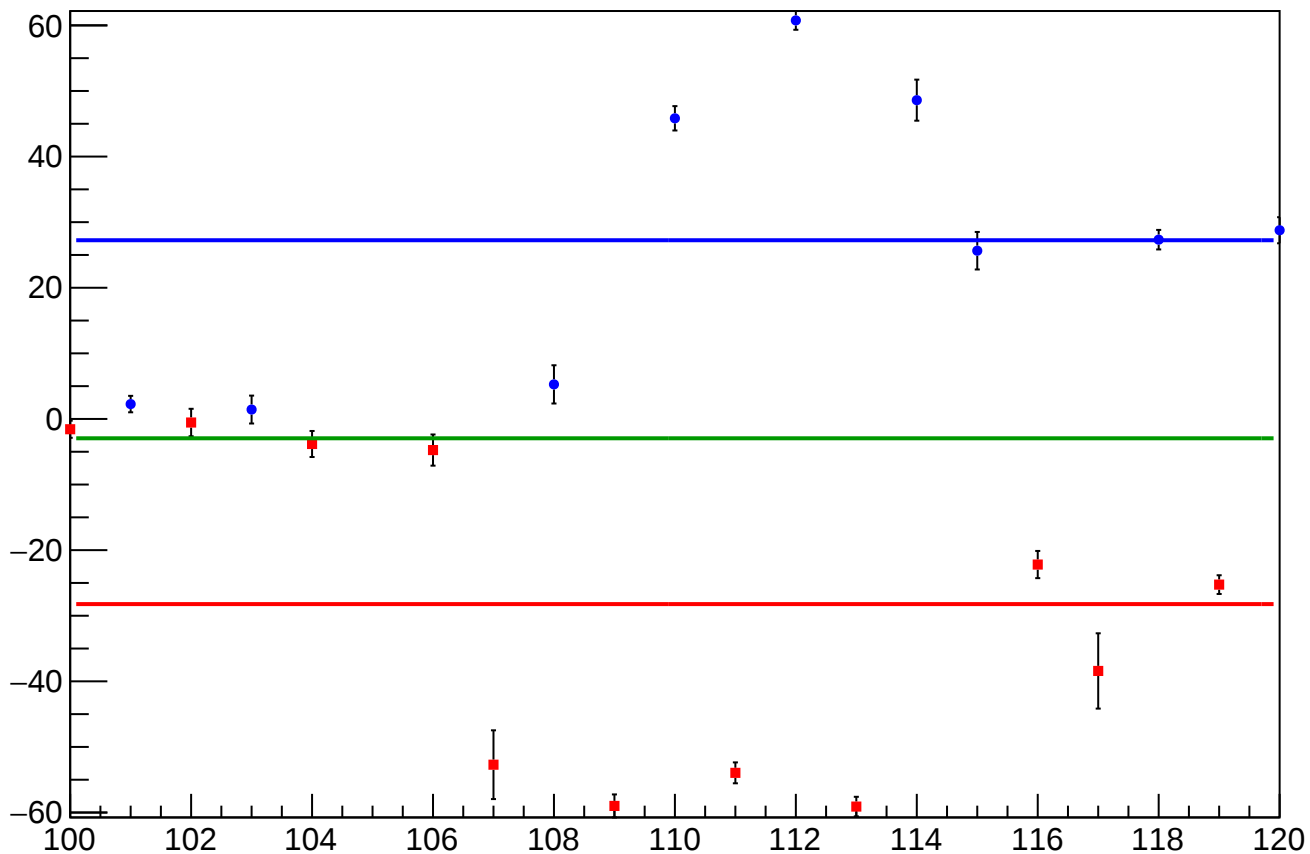
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

3.791 ± 0.300 χ^2/NDF : 290.2/8

-0.084 ± 0.221 χ^2/NDF : 897.8/19

-4.662 ± 0.326 χ^2/NDF : 244.1/10

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.245+/-0.610 χ^2/NDF : 1298.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.225+/-0.559 χ^2/NDF : 1875.5/10

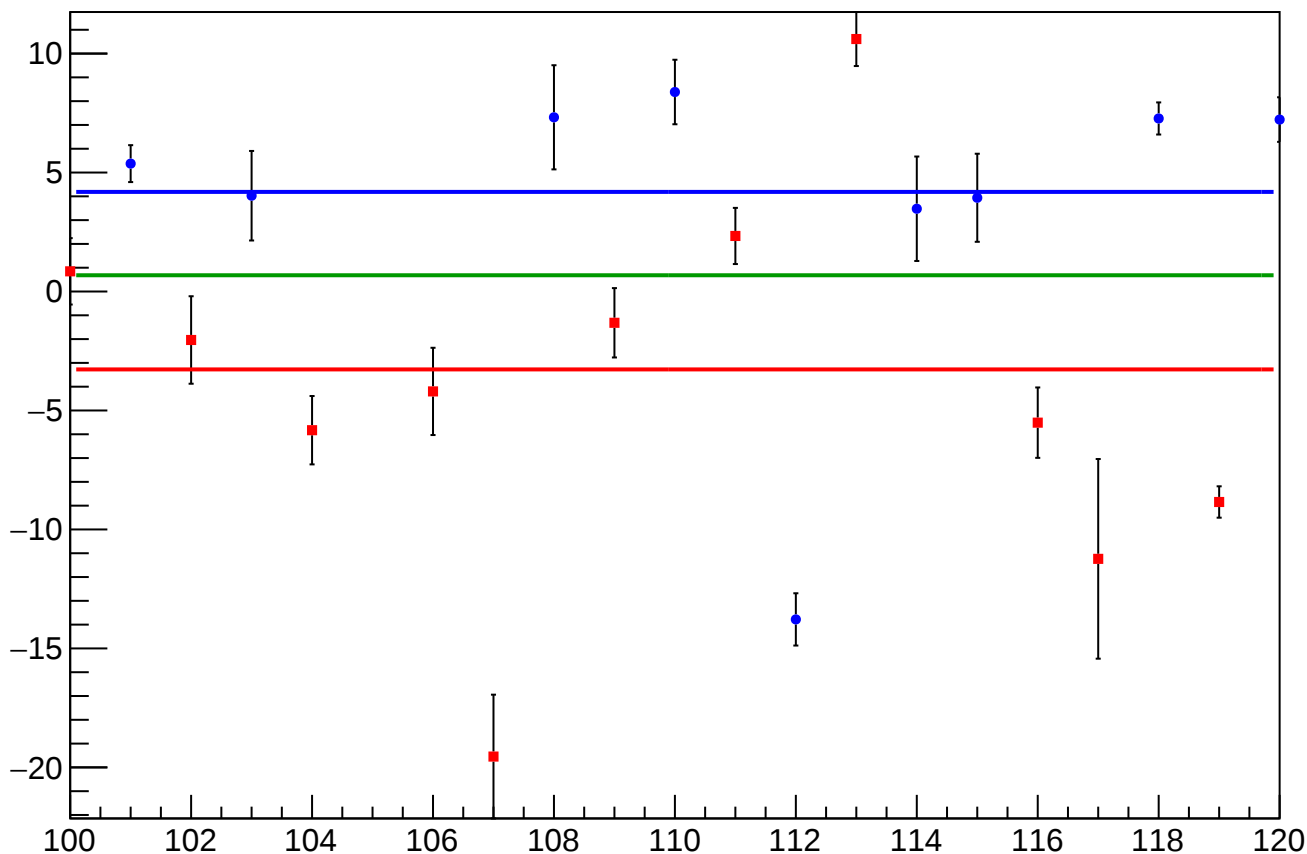
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.245+/-0.610 χ^2/NDF : 1298.2/8

-2.948+/-0.412 χ^2/NDF : 7667.5/19

-28.225+/-0.559 χ^2/NDF : 1875.5/10

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.186 ± 0.369 $\chi^2/\text{NDF}: 313.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.274 ± 0.392 $\chi^2/\text{NDF}: 303.0/10$

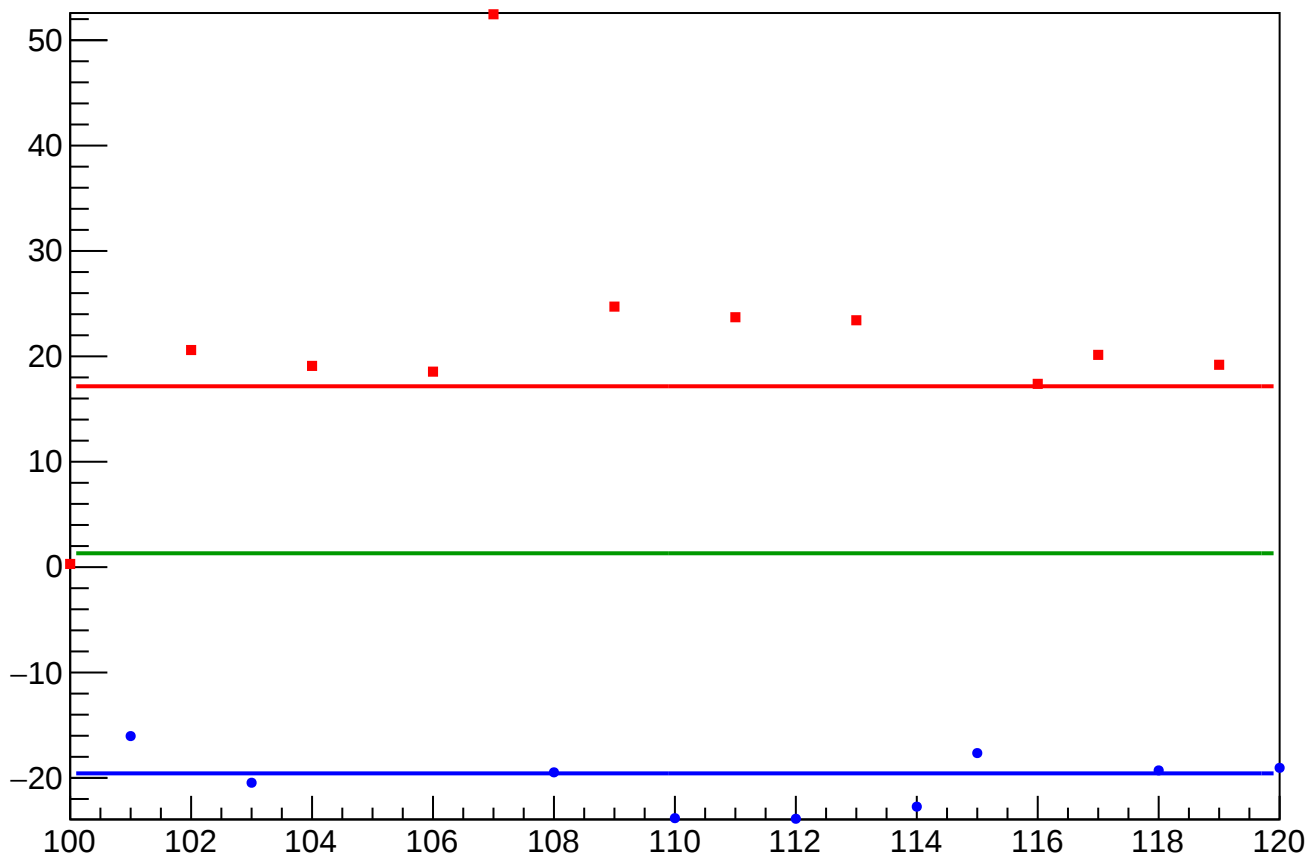
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

4.186 ± 0.369 $\chi^2/\text{NDF}: 313.1/8$

0.683 ± 0.268 $\chi^2/\text{NDF}: 808.5/19$

-3.274 ± 0.392 $\chi^2/\text{NDF}: 303.0/10$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.569+/-0.022 χ^2/NDF : 13690.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.161+/-0.019 χ^2/NDF : 278964.5/10

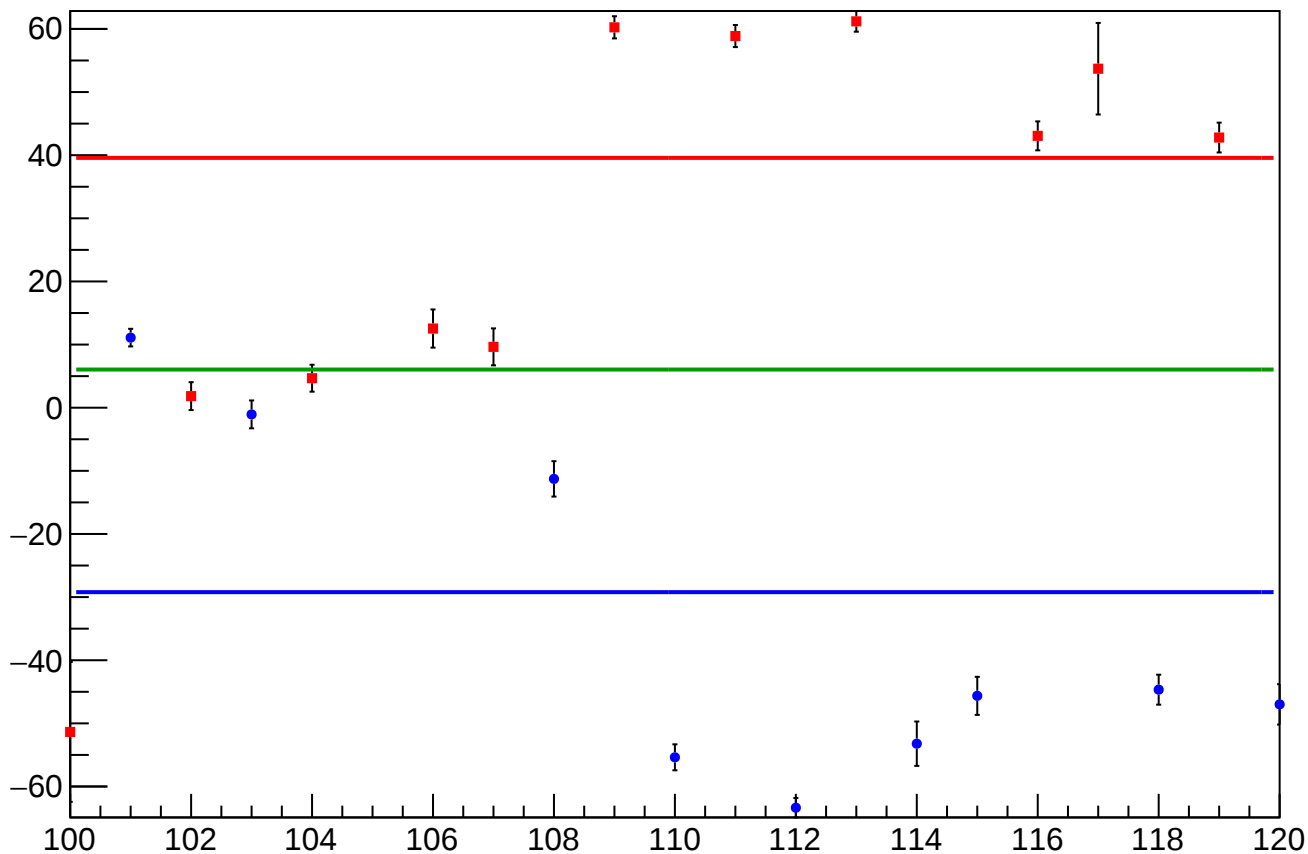
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-19.569+/-0.022 χ^2/NDF : 13690.5/8

1.314+/-0.015 χ^2/NDF : 1847812.0/19

17.161+/-0.019 χ^2/NDF : 278964.5/10

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.215+/-0.713 χ^2/NDF : 1840.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.574+/-0.695 χ^2/NDF : 1254.1/10

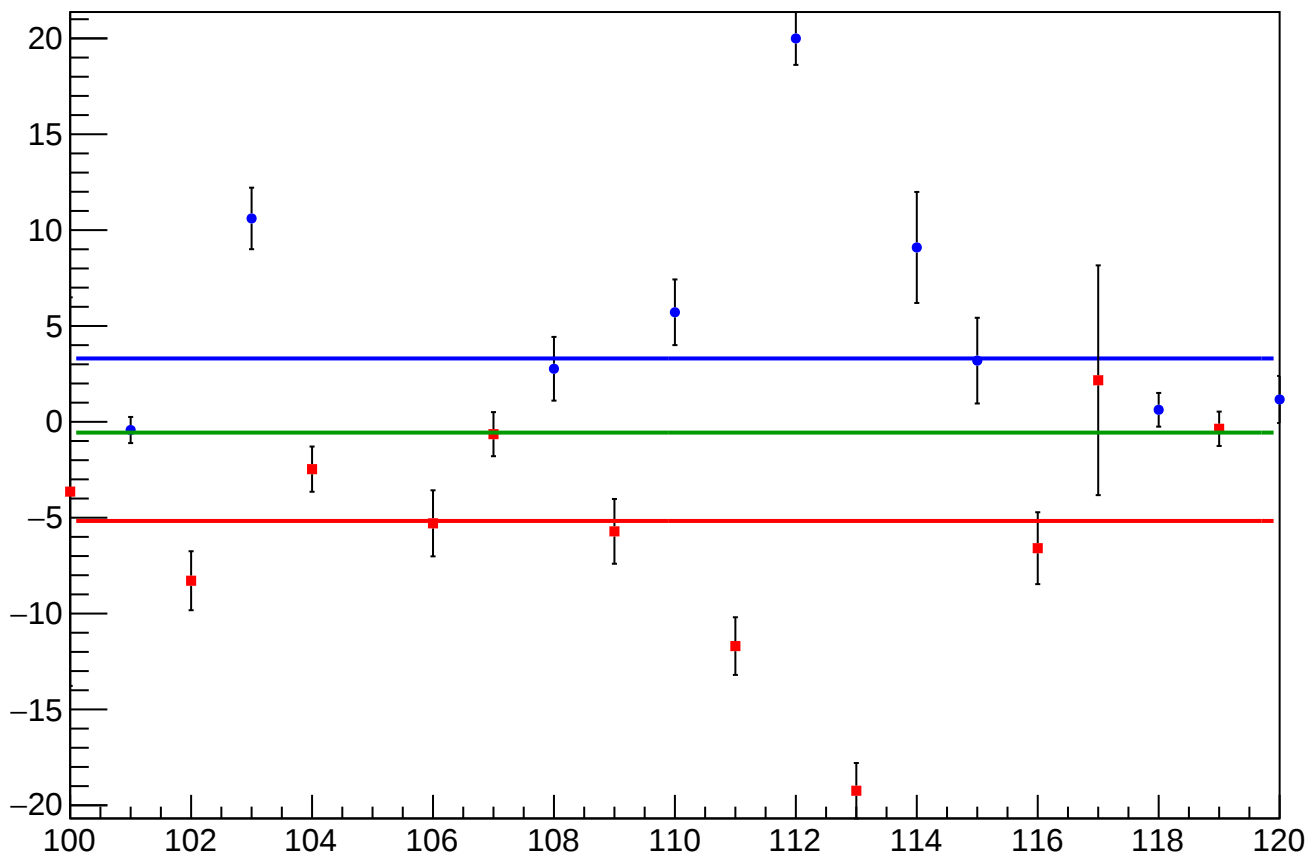
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.215+/-0.713 χ^2/NDF : 1840.9/8

6.047+/-0.497 χ^2/NDF : 7872.7/19

39.574+/-0.695 χ^2/NDF : 1254.1/10

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.306+/-0.407 χ^2/NDF : 215.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.169+/-0.444 χ^2/NDF : 169.4/10

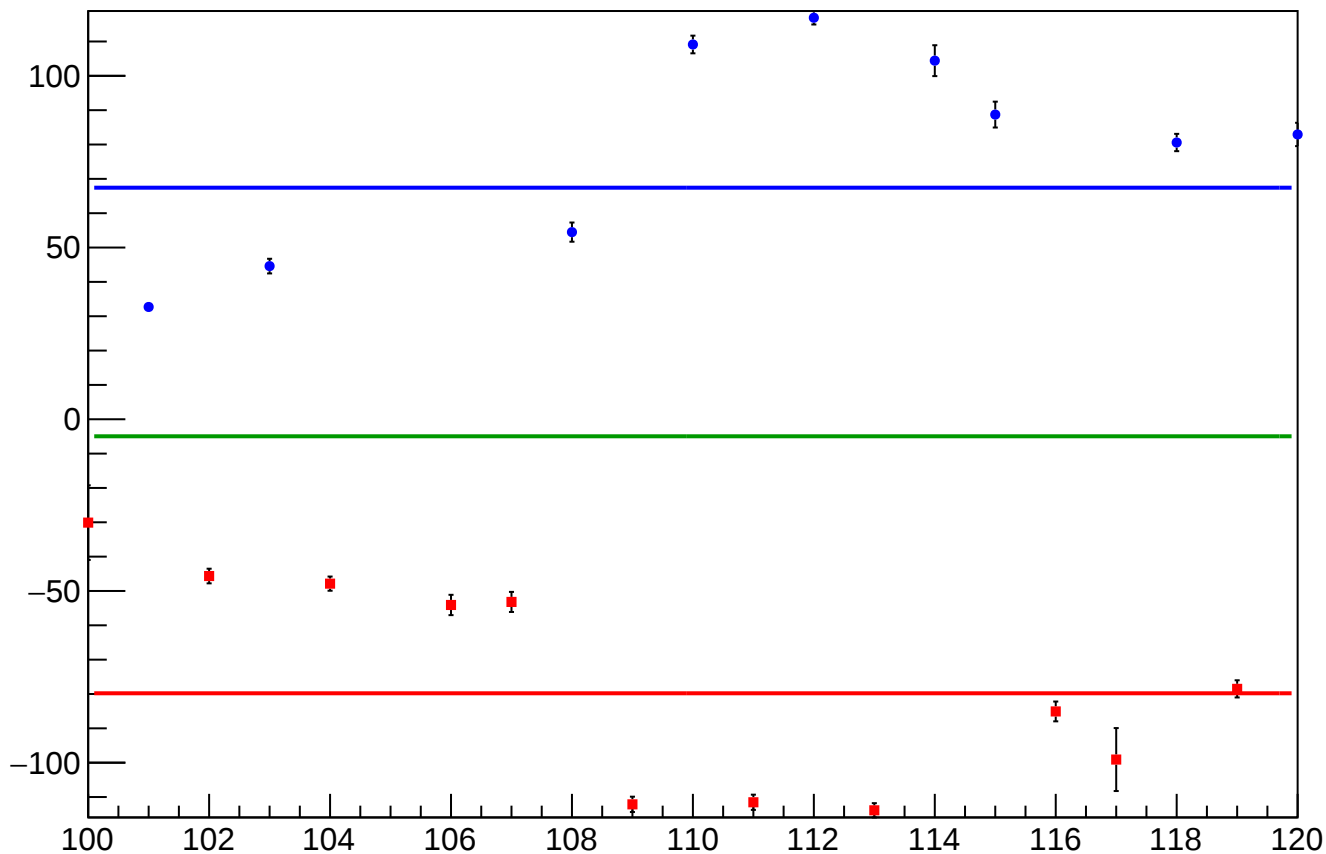
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.306+/-0.407 χ^2/NDF : 215.6/8

-0.561+/-0.300 χ^2/NDF : 583.1/19

-5.169+/-0.444 χ^2/NDF : 169.4/10

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.429+/-0.772 χ^2/NDF : 1849.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.791+/-0.785 χ^2/NDF : 1365.4/10

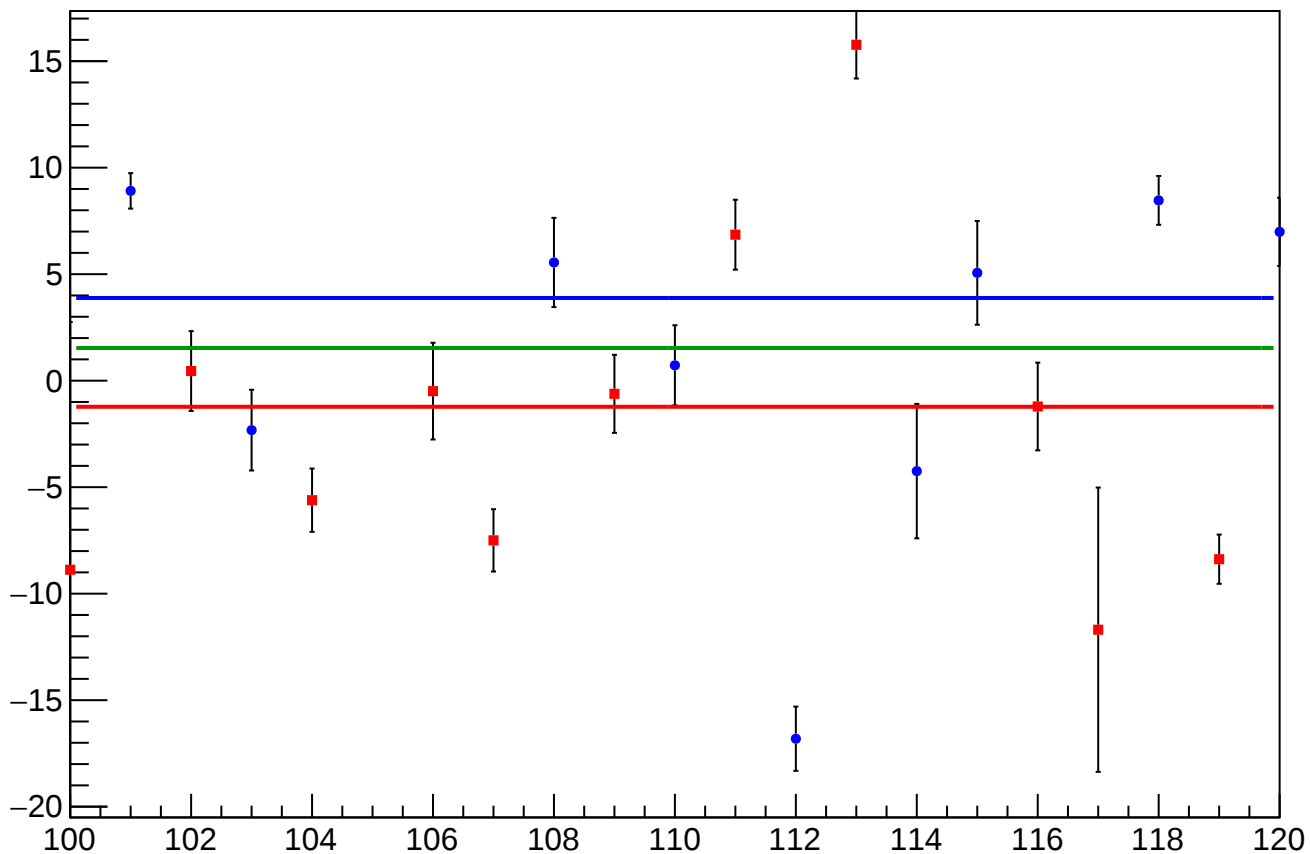
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.429+/-0.772 χ^2/NDF : 1849.4/8

-4.959+/-0.551 χ^2/NDF : 21073.7/19

-79.791+/-0.785 χ^2/NDF : 1365.4/10

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.883+/-0.494 χ^2/NDF : 265.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.226+/-0.536 χ^2/NDF : 208.6/10

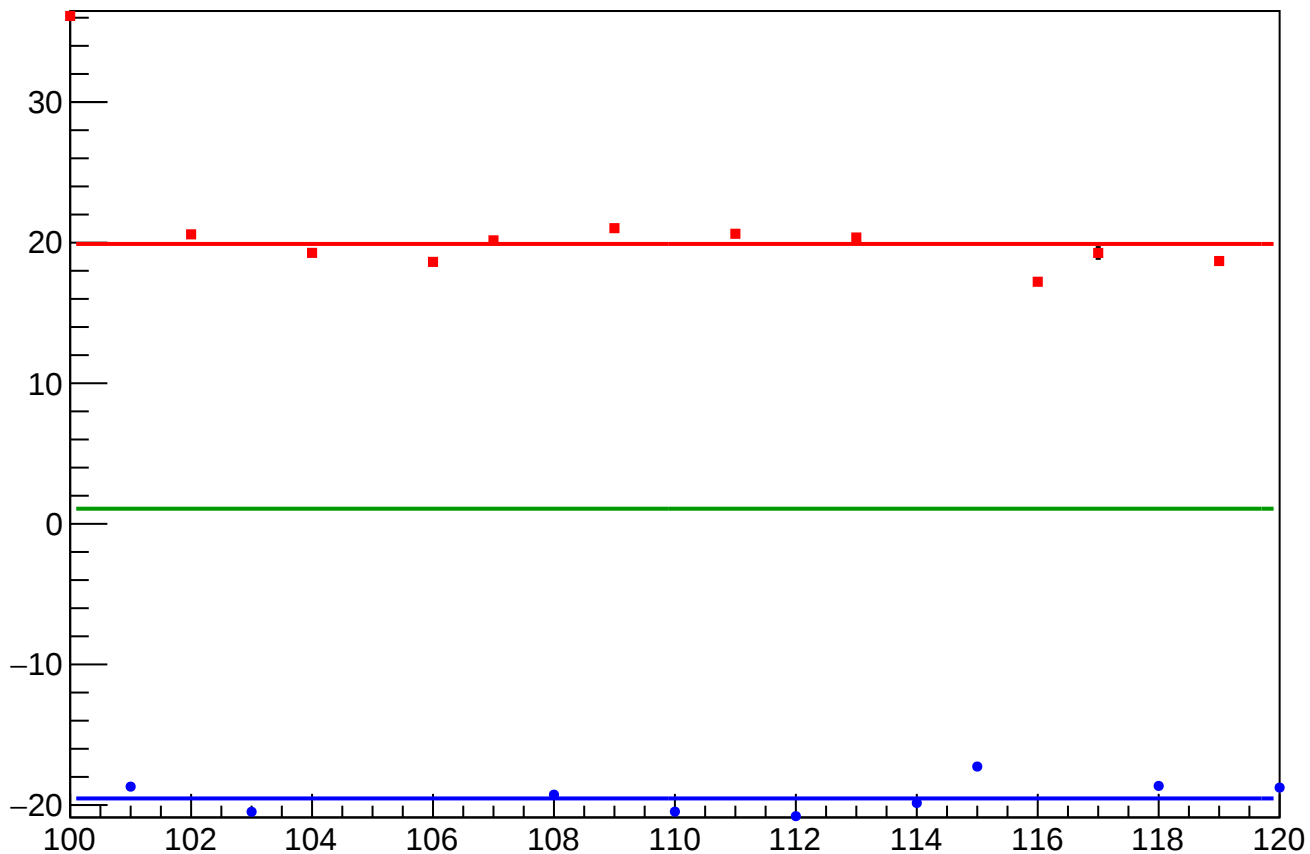
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.883+/-0.494 χ^2/NDF : 265.7/8

1.535+/-0.363 χ^2/NDF : 523.4/19

-1.226+/-0.536 χ^2/NDF : 208.6/10

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.532 ± 0.026 $\chi^2/\text{NDF}: 1258.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 19.910 ± 0.025 $\chi^2/\text{NDF}: 3530.6/10$

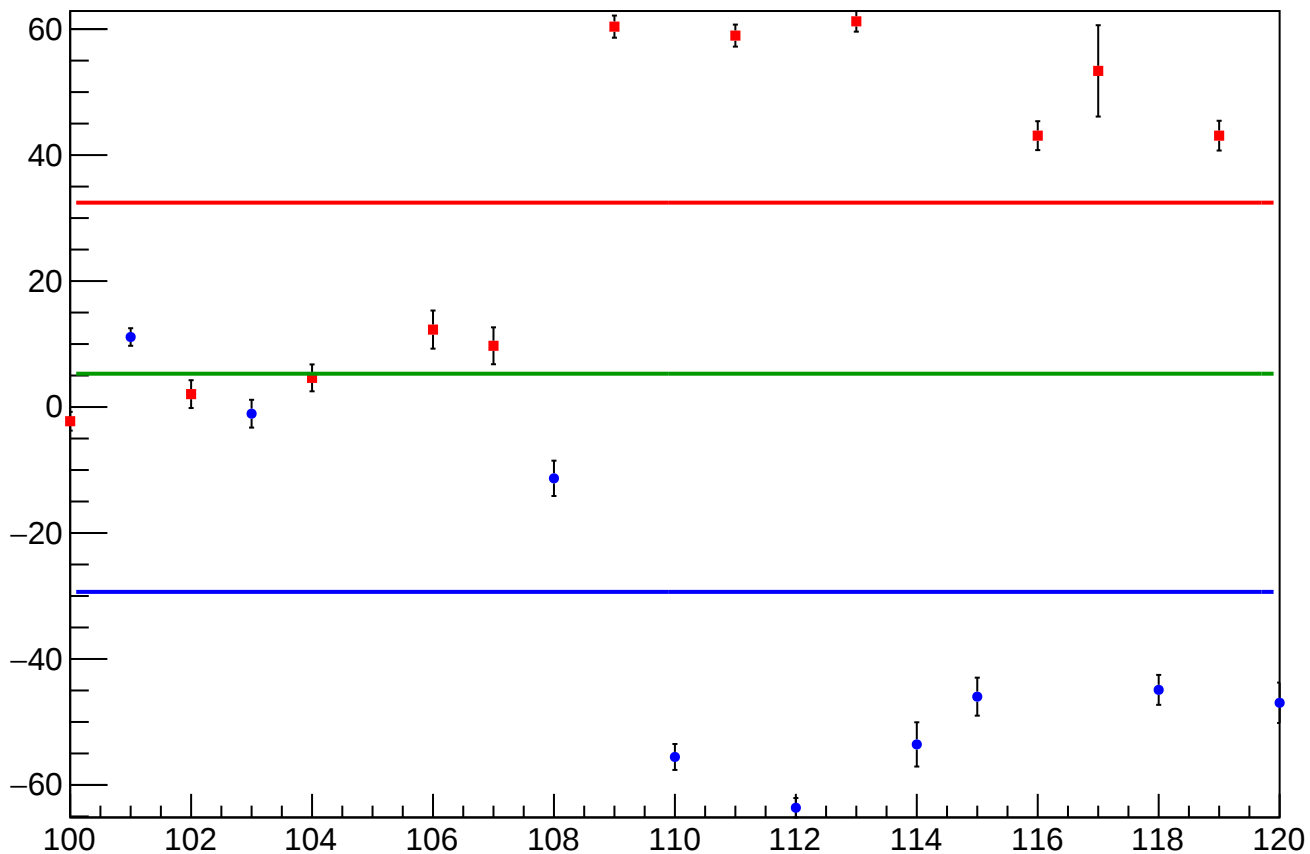
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.532 ± 0.026 $\chi^2/\text{NDF}: 1258.2/8$

1.077 ± 0.018 $\chi^2/\text{NDF}: 1221962.7/19$

19.910 ± 0.025 $\chi^2/\text{NDF}: 3530.6/10$

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.348 ± 0.713 $\chi^2/\text{NDF}: 1853.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 32.448 ± 0.631 $\chi^2/\text{NDF}: 1845.6/10$

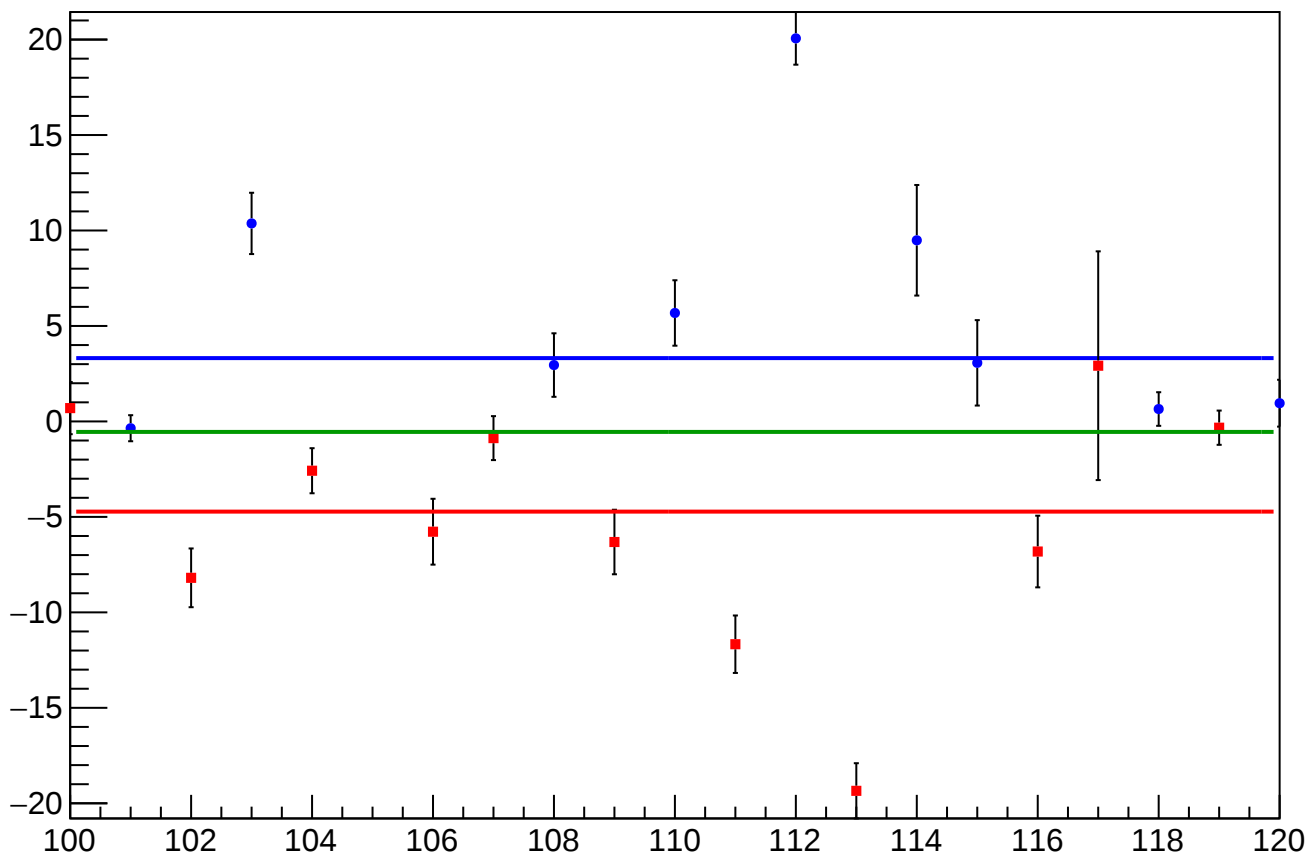
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-29.348 ± 0.713 $\chi^2/\text{NDF}: 1853.0/8$

5.291 ± 0.473 $\chi^2/\text{NDF}: 7910.4/19$

32.448 ± 0.631 $\chi^2/\text{NDF}: 1845.6/10$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.316 $\pm$ 0.407 χ^2 /NDF: 215.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.723 $\pm$ 0.423 χ^2 /NDF: 186.9/10

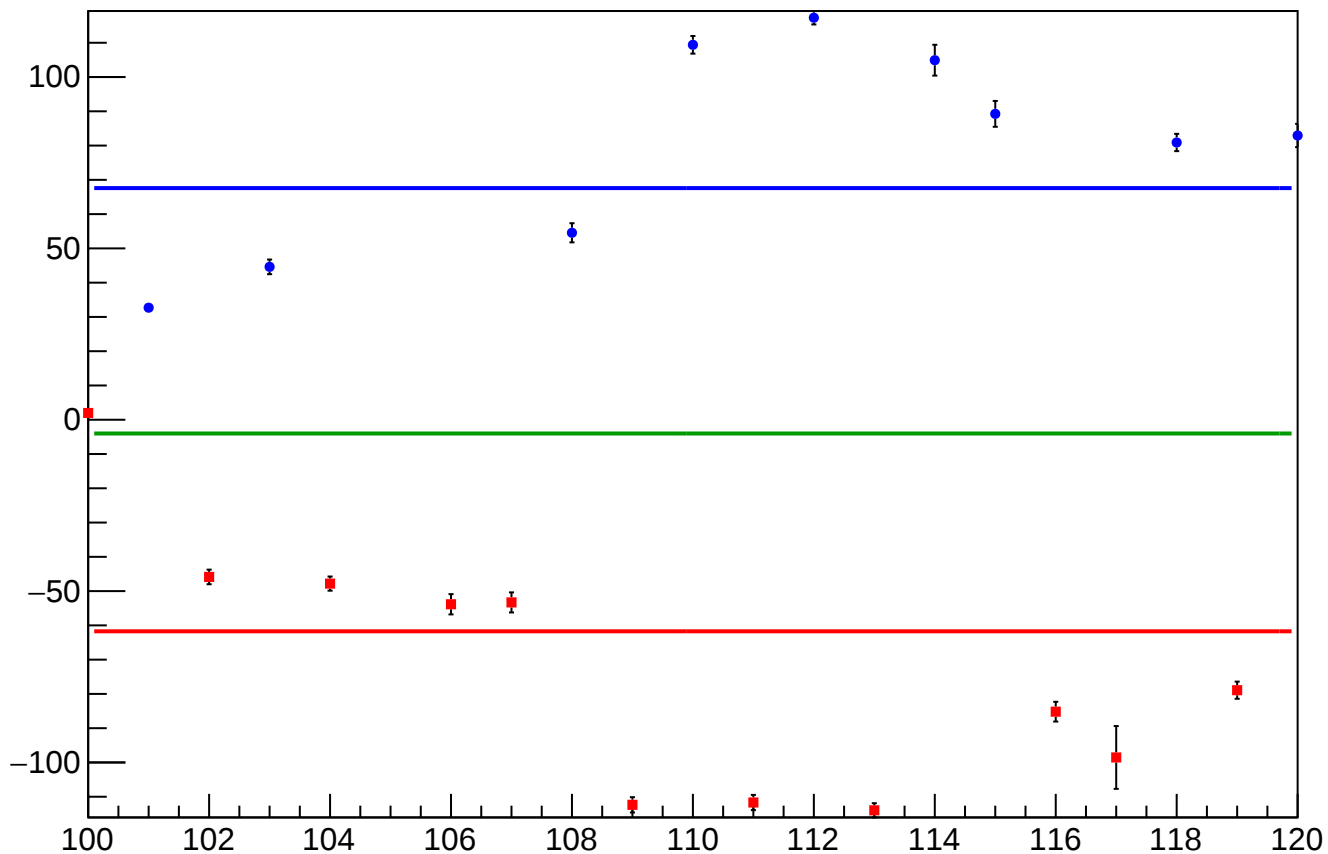
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.316 $\pm$ 0.407 χ^2 /NDF: 215.1/8

-0.549 $\pm$ 0.293 χ^2 /NDF: 589.7/19

-4.723 $\pm$ 0.423 χ^2 /NDF: 186.9/10

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.591+/-0.773 χ^2/NDF : 1865.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.729+/-0.694 χ^2/NDF : 3786.7/10

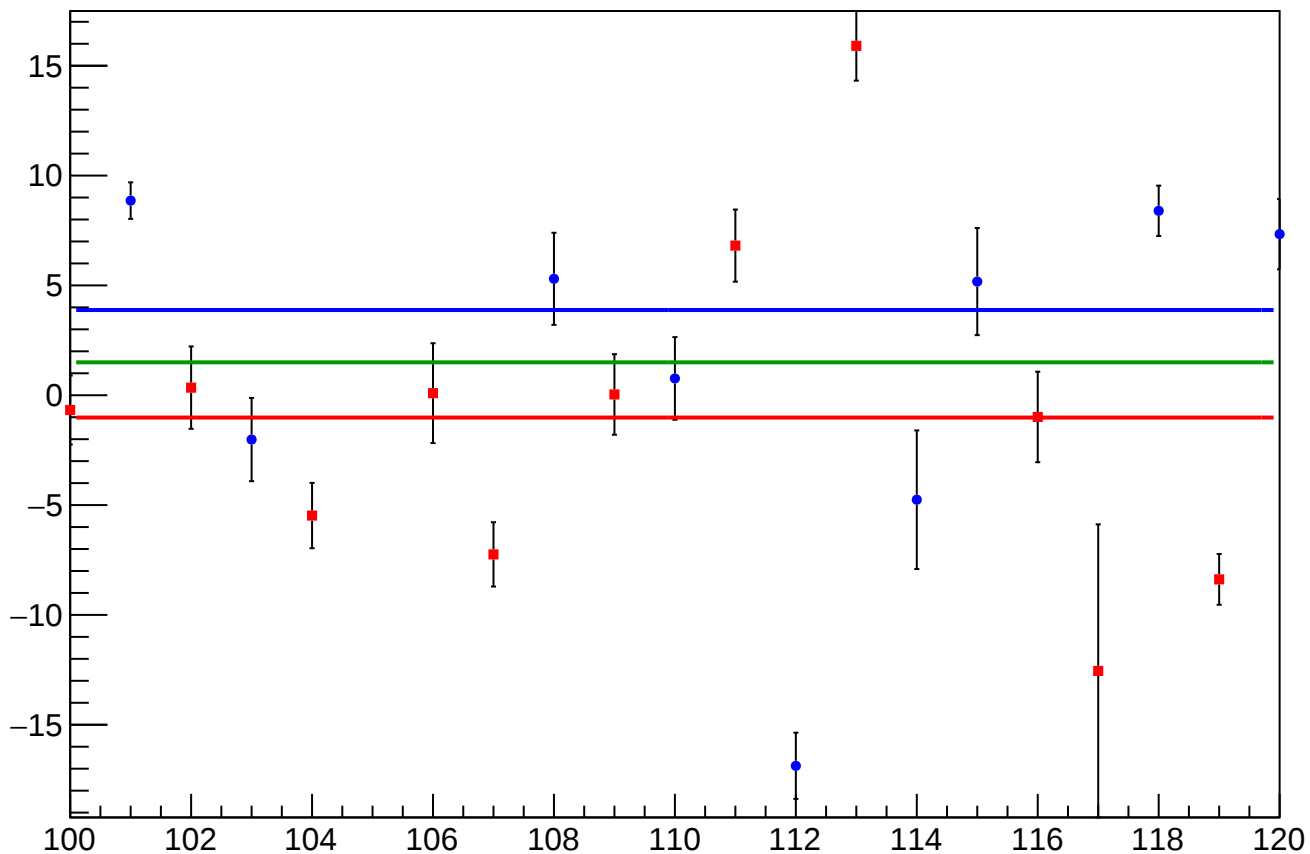
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

67.591+/-0.773 χ^2/NDF : 1865.7/8

-4.011+/-0.516 χ^2/NDF : 21153.4/19

-61.729+/-0.694 χ^2/NDF : 3786.7/10

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.880+/-0.494 χ^2/NDF : 265.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.015+/-0.508 χ^2/NDF : 208.4/10

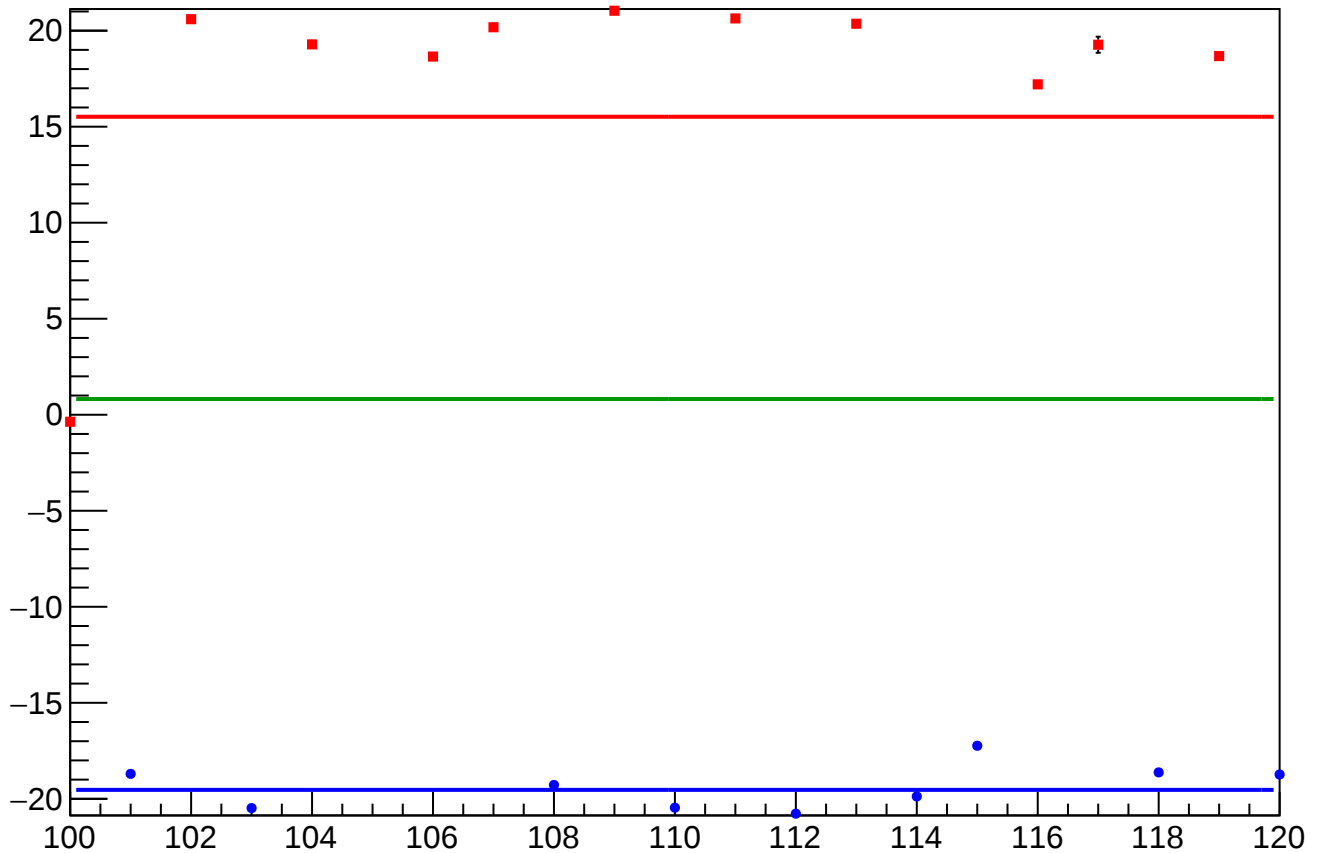
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.880+/-0.494 χ^2/NDF : 265.9/8

1.498+/-0.354 χ^2/NDF : 522.0/19

-1.015+/-0.508 χ^2/NDF : 208.4/10

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.534±/-0.026 χ^2/NDF : 1256.7/8

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.517±/-0.022 χ^2/NDF : 143508.3/10

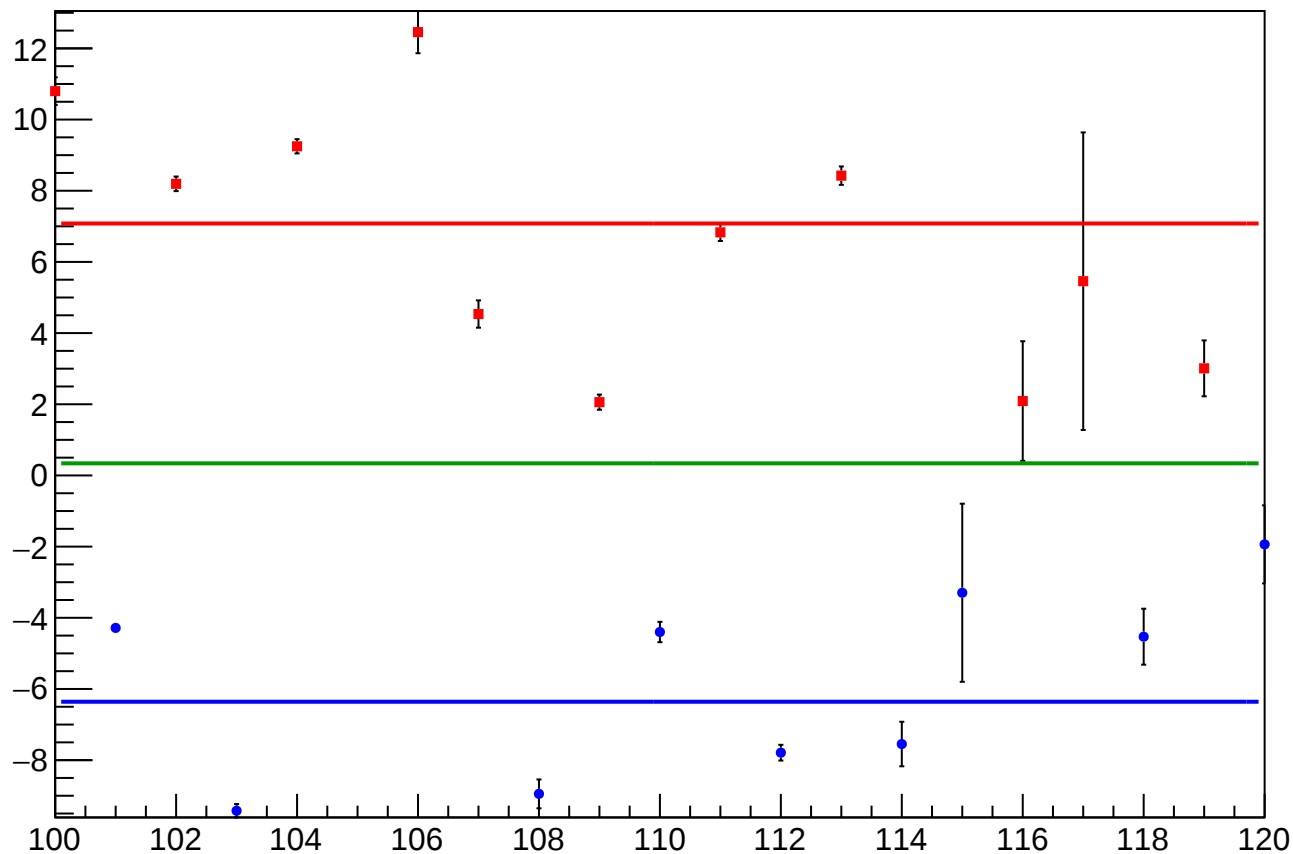
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

-19.534±/-0.026 χ^2/NDF : 1256.7/8

0.820±/-0.017 χ^2/NDF : 1211994.1/19

15.517±/-0.022 χ^2/NDF : 143508.3/10

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.359+/-0.091 χ^2/NDF : 635.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.079+/-0.091 χ^2/NDF : 986.9/10

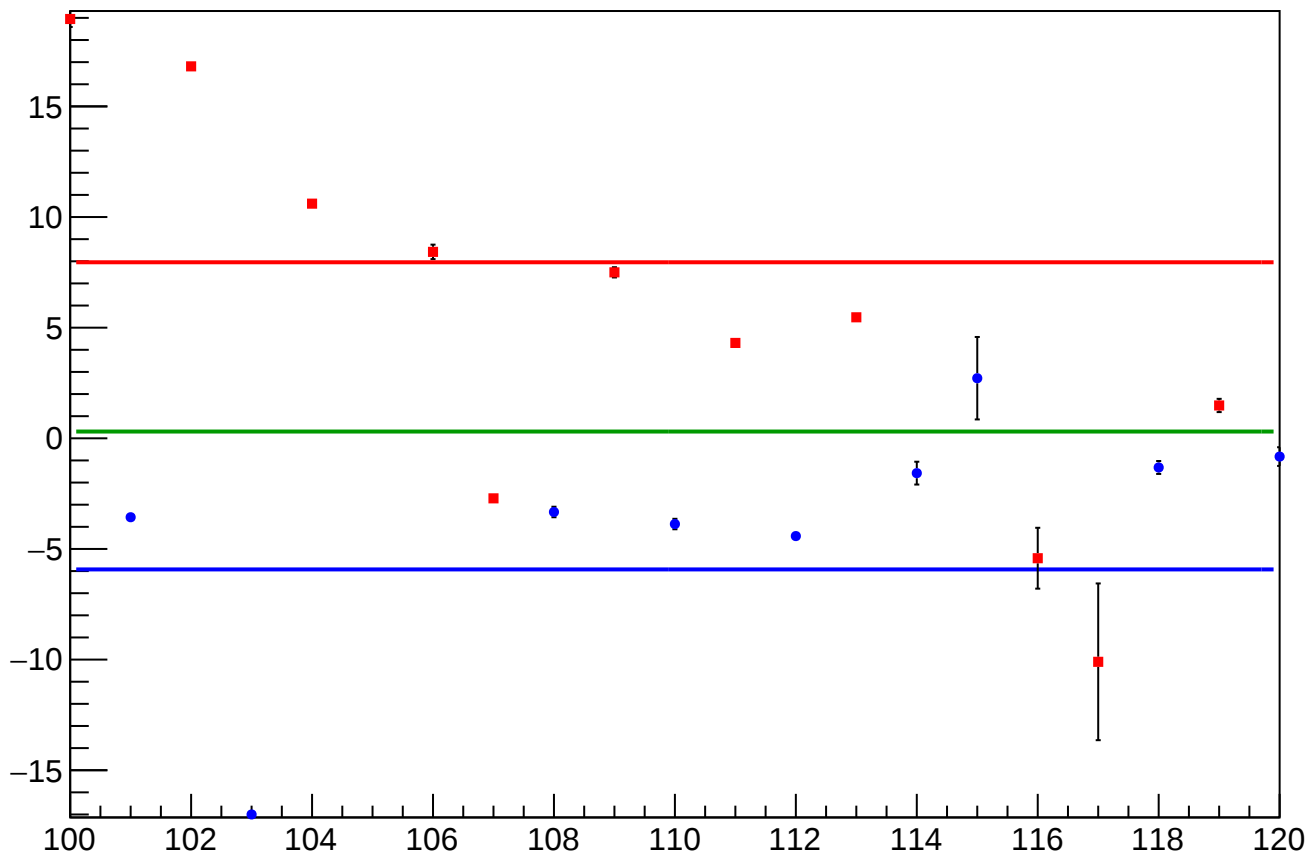
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.359+/-0.091 χ^2/NDF : 635.5/8

0.340+/-0.064 χ^2/NDF : 12602.4/19

7.079+/-0.091 χ^2/NDF : 986.9/10

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.925+/-0.058 χ^2 /NDF: 8381.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.956+/-0.064 χ^2 /NDF: 10868.8/10

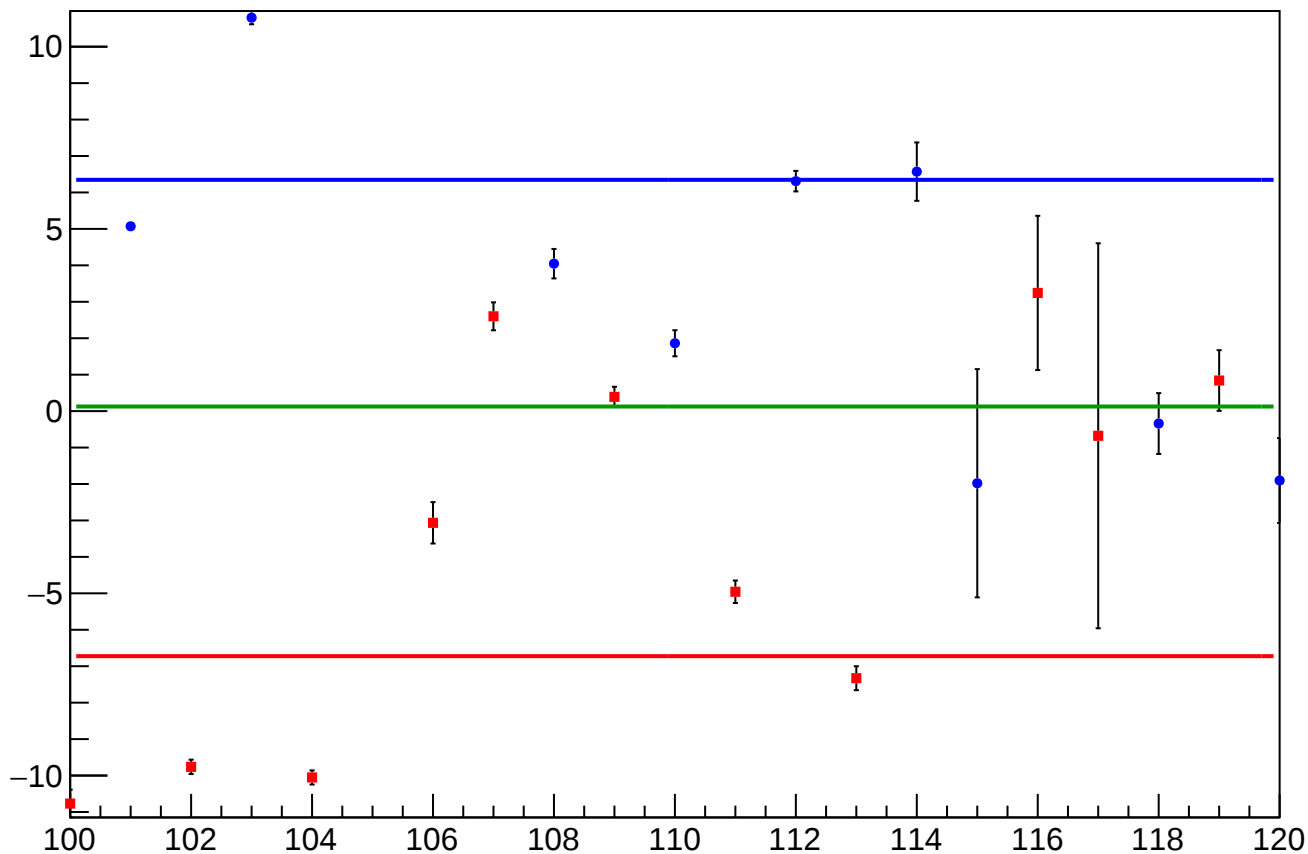
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.925+/-0.058 χ^2 /NDF: 8381.1/8

0.306+/-0.043 χ^2 /NDF: 45262.2/19

7.956+/-0.064 χ^2 /NDF: 10868.8/10

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.347+/-0.094 χ^2/NDF : 995.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.724+/-0.098 χ^2/NDF : 2083.6/10

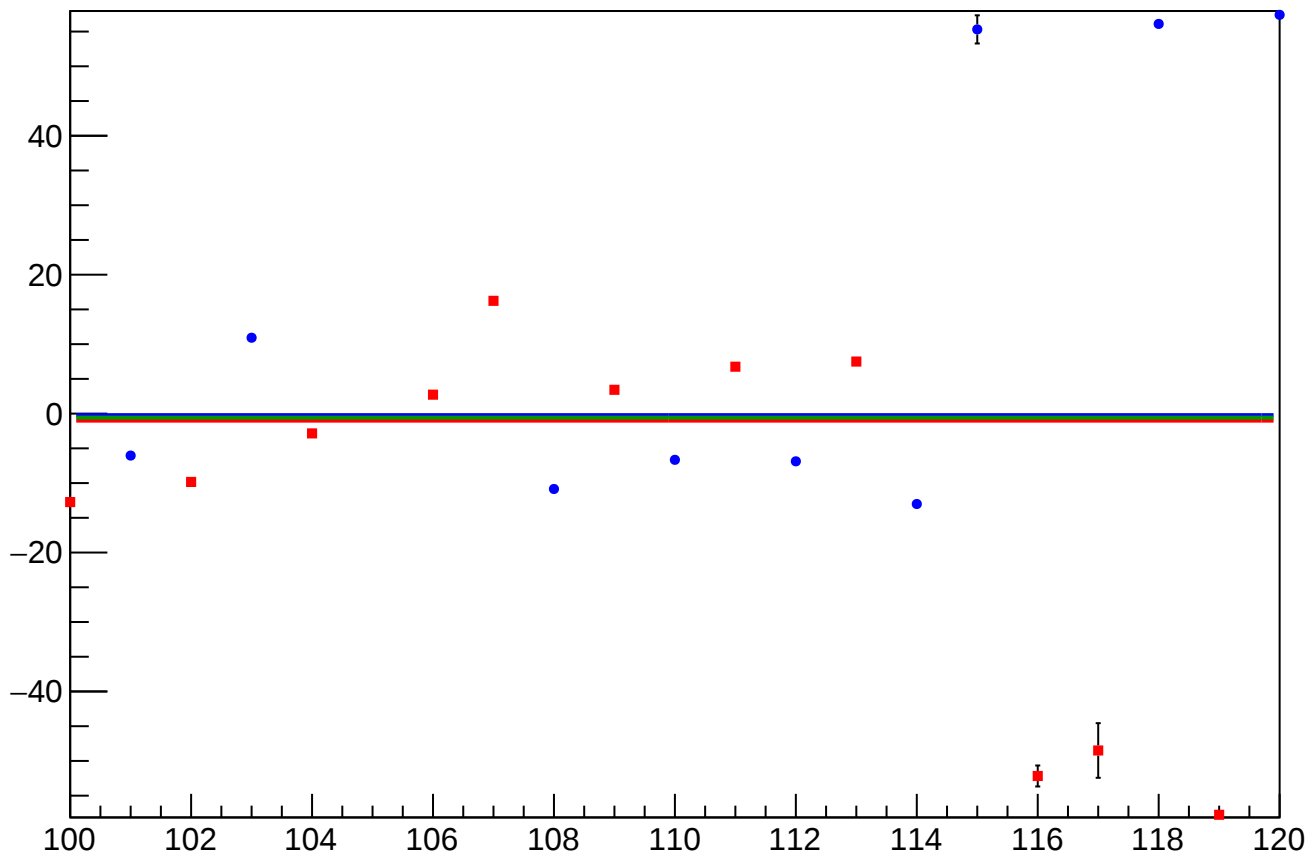
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.347+/-0.094 χ^2/NDF : 995.5/8

0.126+/-0.068 χ^2/NDF : 12362.8/19

-6.724+/-0.098 χ^2/NDF : 2083.6/10

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.220 ± 0.069 $\chi^2/\text{NDF}: 45731.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.007 ± 0.076 $\chi^2/\text{NDF}: 36962.5/10$

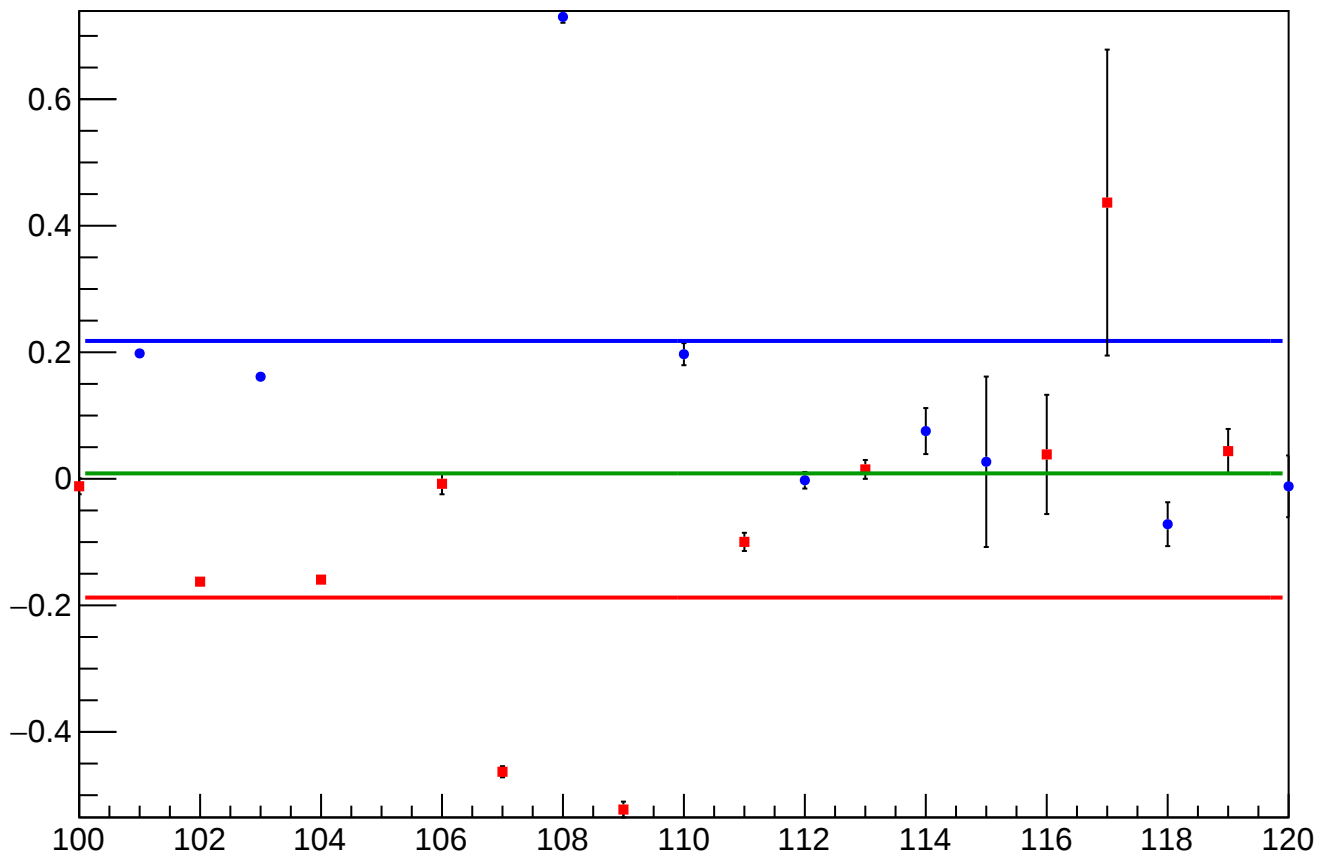
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.220 ± 0.069 $\chi^2/\text{NDF}: 45731.4/8$

-0.574 ± 0.051 $\chi^2/\text{NDF}: 82752.4/19$

-1.007 ± 0.076 $\chi^2/\text{NDF}: 36962.5/10$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.218+/-0.003 χ^2/NDF : 3641.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.188+/-0.003 χ^2/NDF : 2348.6/10

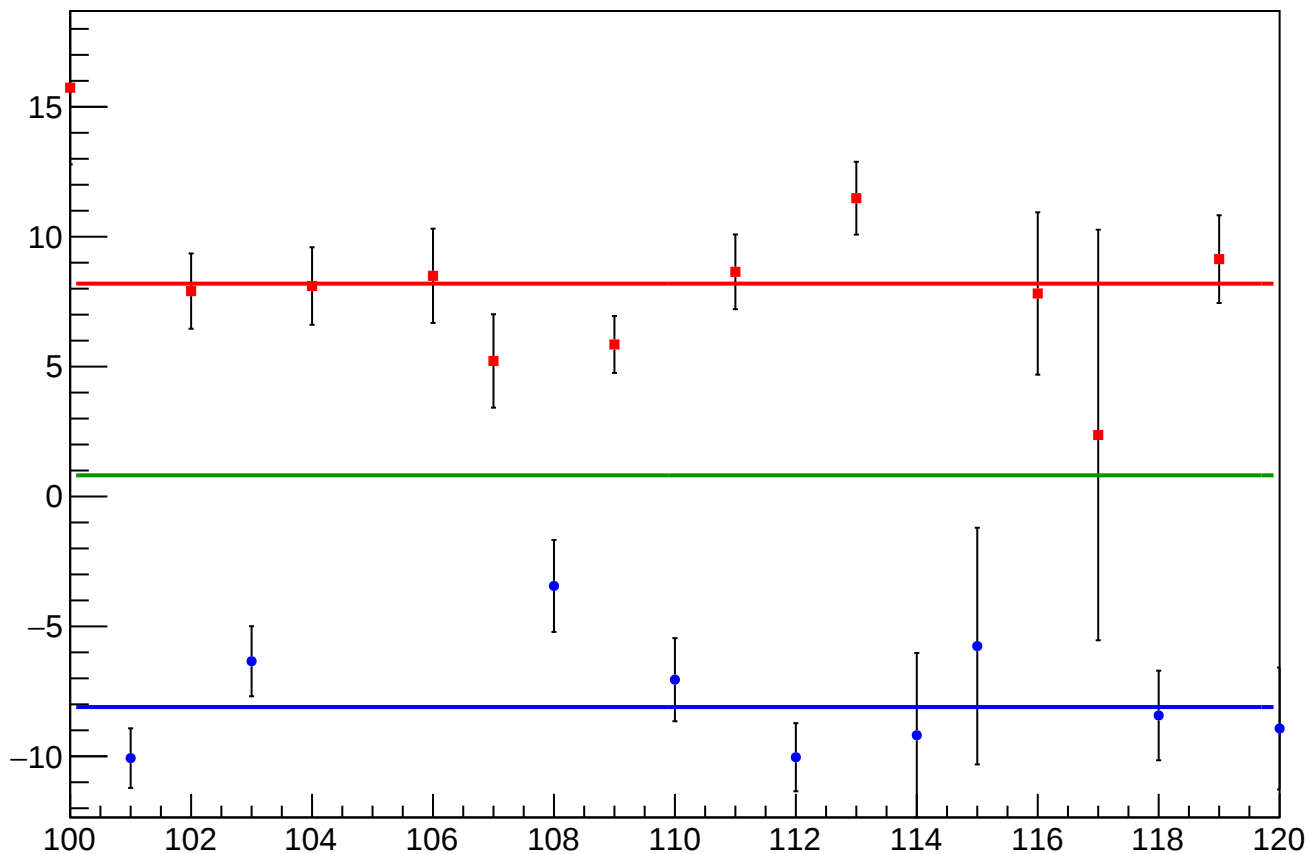
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.218+/-0.003 χ^2/NDF : 3641.6/8

0.009+/-0.002 χ^2/NDF : 16219.1/19

-0.188+/-0.003 χ^2/NDF : 2348.6/10

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.105+/-0.553 χ^2/NDF : 14.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.194+/-0.503 χ^2/NDF : 20.4/10

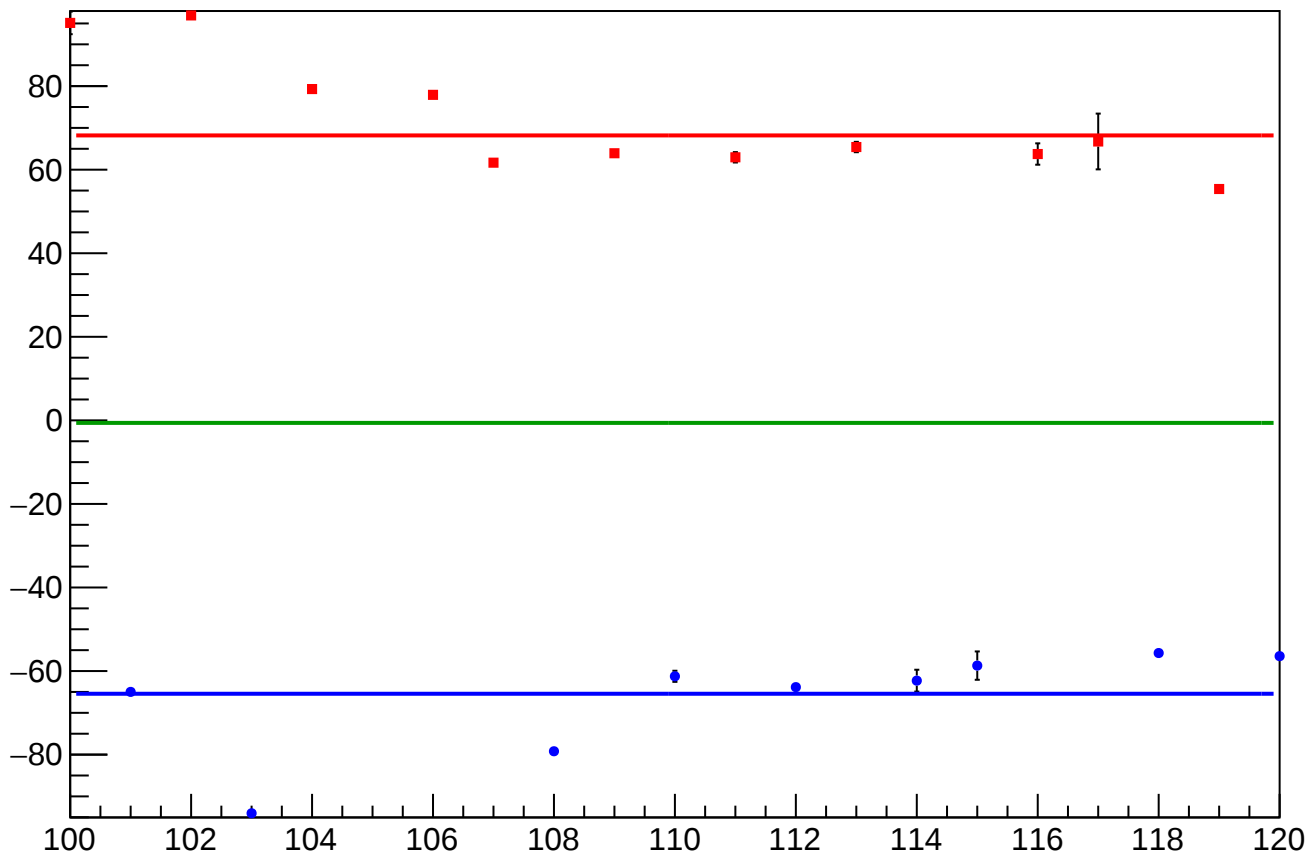
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.105+/-0.553 χ^2/NDF : 14.7/8

0.815+/-0.372 χ^2/NDF : 510.0/19

8.194+/-0.503 χ^2/NDF : 20.4/10

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -65.434 ± 0.313 $\chi^2/\text{NDF}: 1335.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 68.199 ± 0.323 $\chi^2/\text{NDF}: 1592.2/10$

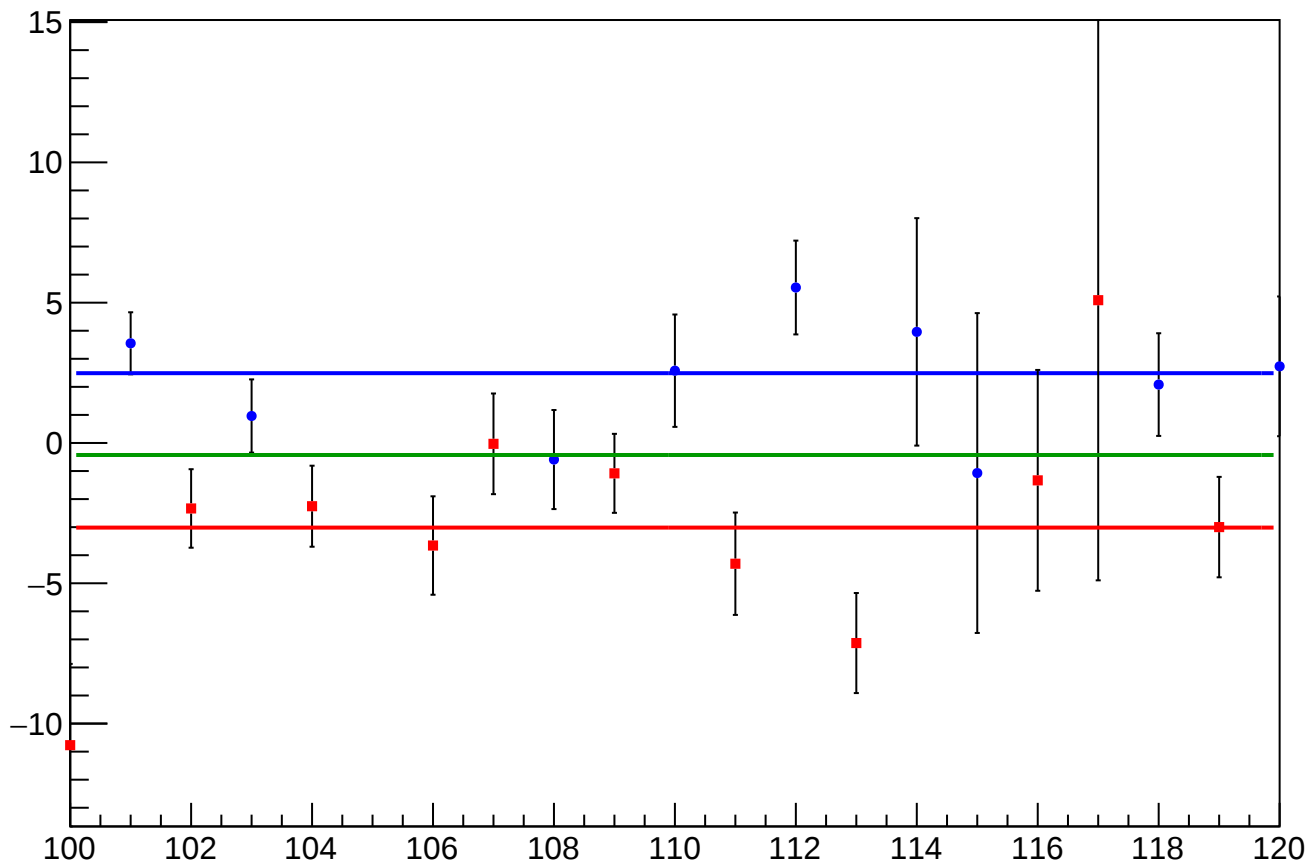
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-65.434 ± 0.313 $\chi^2/\text{NDF}: 1335.8/8$

-0.605 ± 0.225 $\chi^2/\text{NDF}: 91147.7/19$

68.199 ± 0.323 $\chi^2/\text{NDF}: 1592.2/10$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.487+/-0.589 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.016+/-0.555 χ^2/NDF : 19.1/10

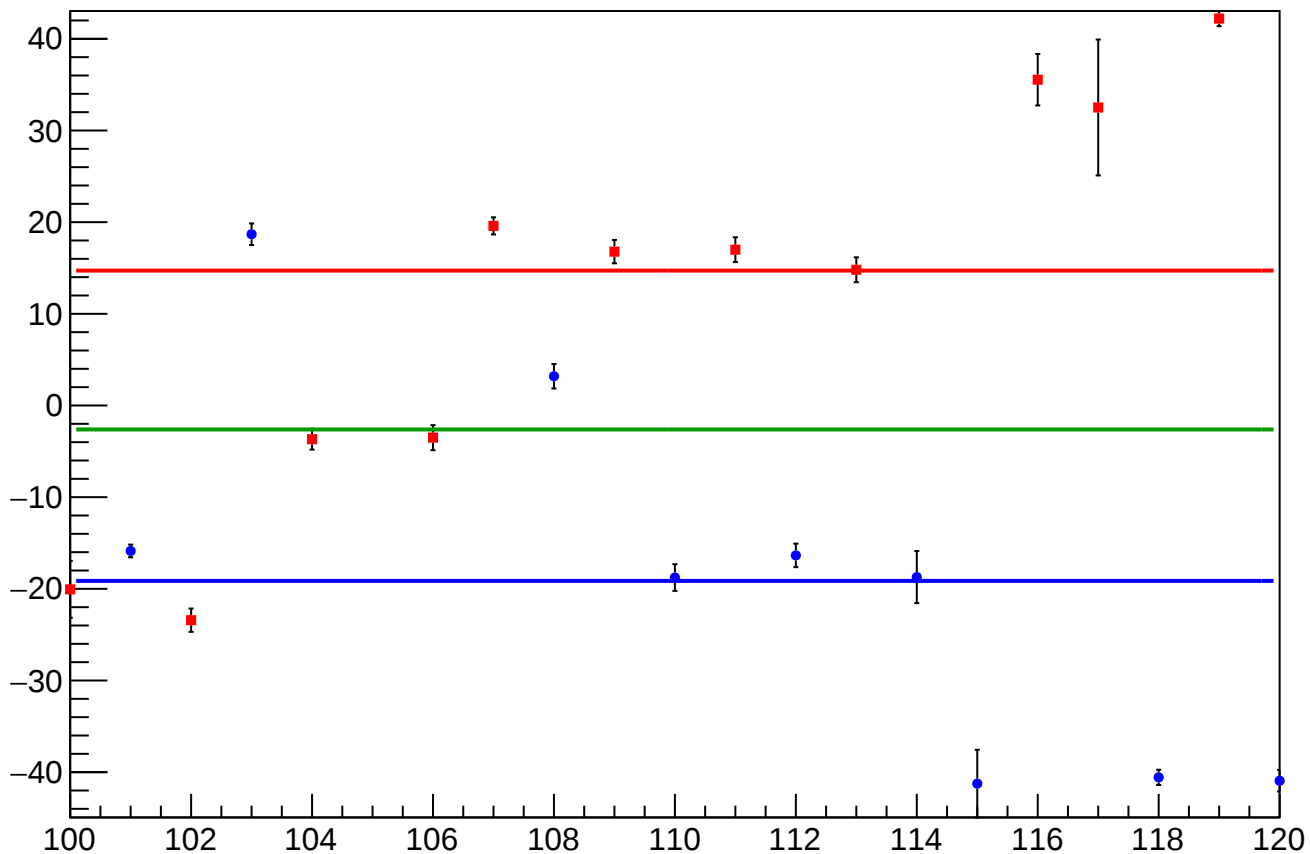
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.487+/-0.589 χ^2/NDF : 9.3/8

-0.428+/-0.404 χ^2/NDF : 74.7/19

-3.016+/-0.555 χ^2/NDF : 19.1/10

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.134 $\pm$ 0.383 χ^2 /NDF: 2375.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.720 $\pm$ 0.393 χ^2 /NDF: 2664.7/10

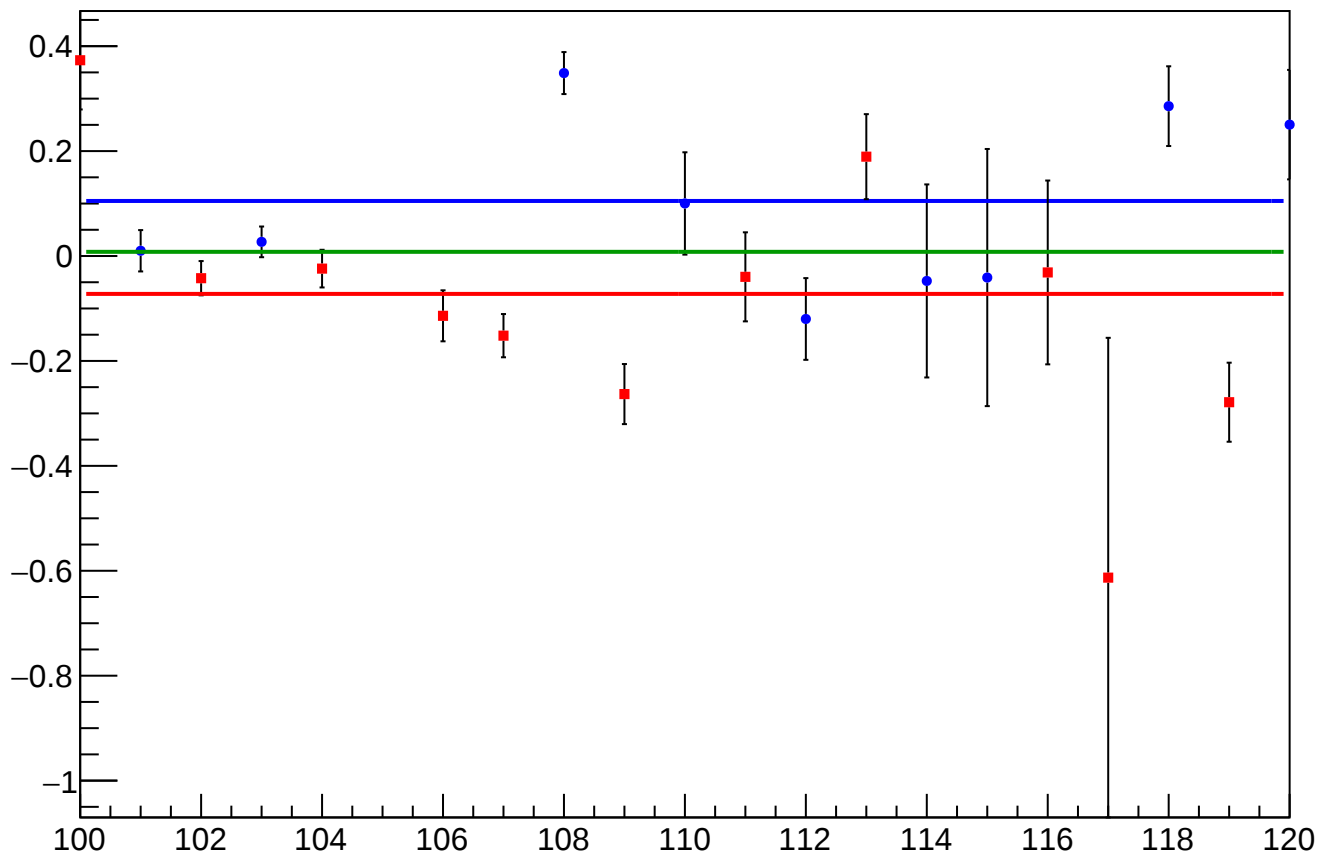
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.134 $\pm$ 0.383 χ^2 /NDF: 2375.5/8

-2.615 $\pm$ 0.274 χ^2 /NDF: 8849.1/19

14.720 $\pm$ 0.393 χ^2 /NDF: 2664.7/10

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.018 χ^2/NDF : 67.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.072+/-0.017 χ^2/NDF : 60.3/10

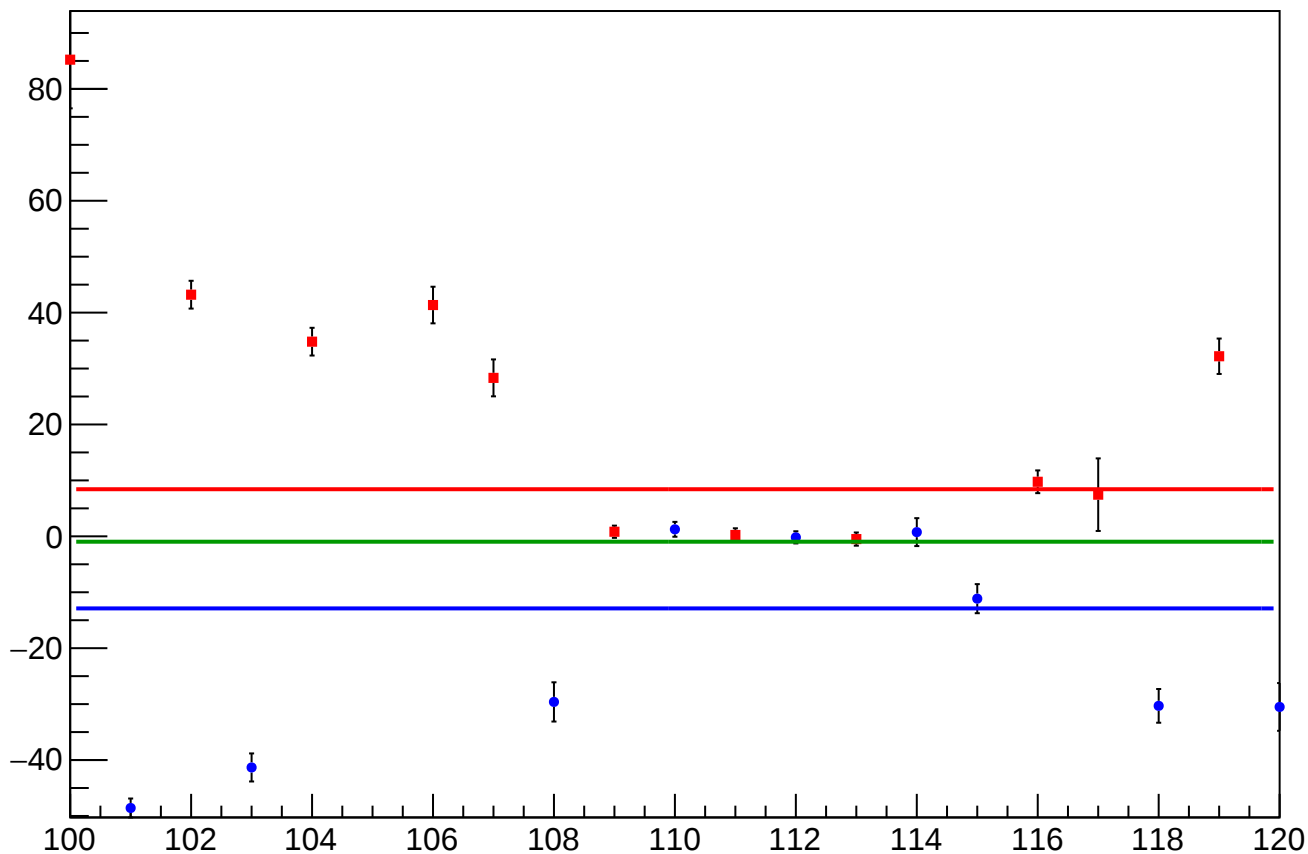
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.105+/-0.018 χ^2/NDF : 67.0/8

0.008+/-0.012 χ^2/NDF : 179.1/19

-0.072+/-0.017 χ^2/NDF : 60.3/10

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -12.888 $\pm$ 0.636 χ^2 /NDF: 926.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.422 $\pm$ 0.564 χ^2 /NDF: 734.0/10

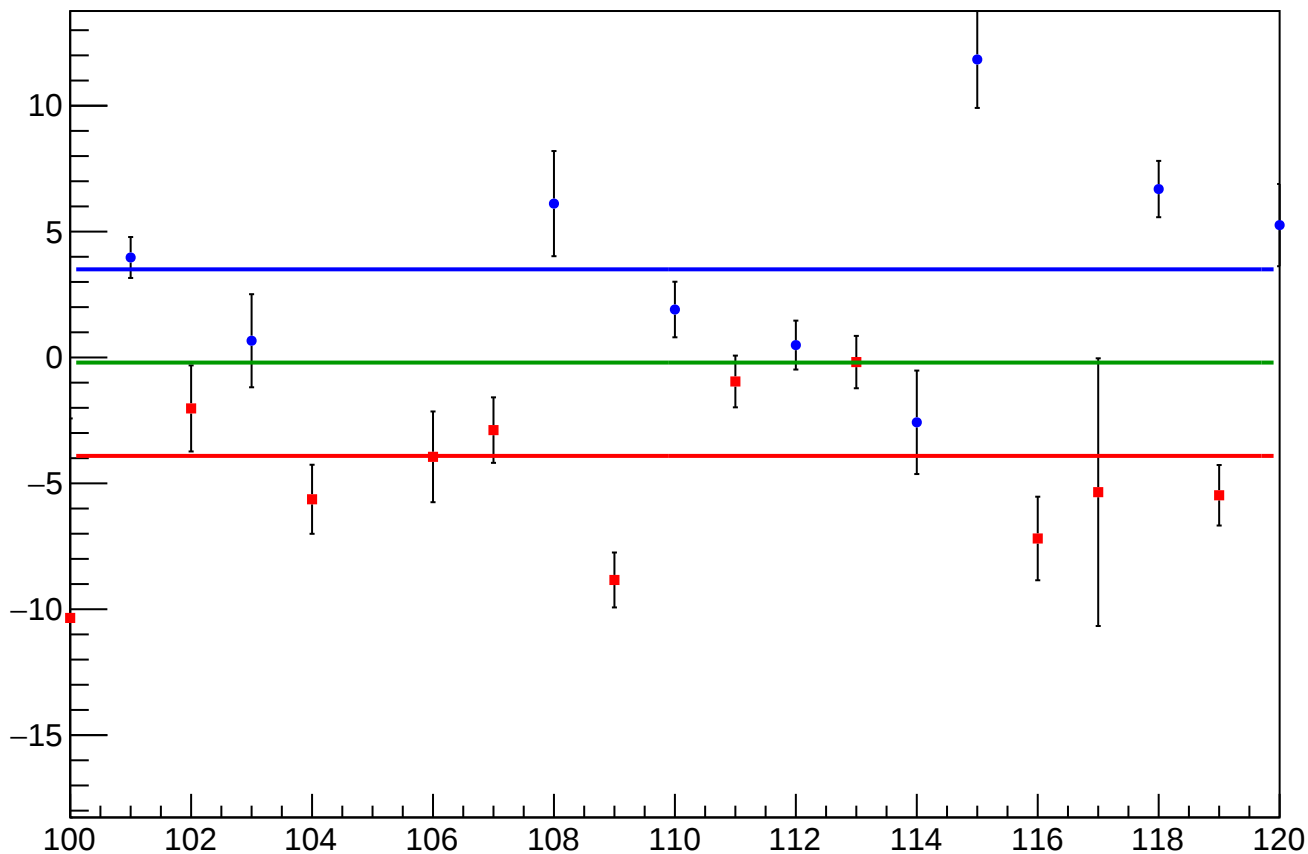
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.888 $\pm$ 0.636 χ^2 /NDF: 926.3/8

-0.962 $\pm$ 0.422 χ^2 /NDF: 2289.4/19

8.422 $\pm$ 0.564 χ^2 /NDF: 734.0/10

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501+/-0.423 χ^2/NDF : 52.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.909+/-0.423 χ^2/NDF : 51.3/10

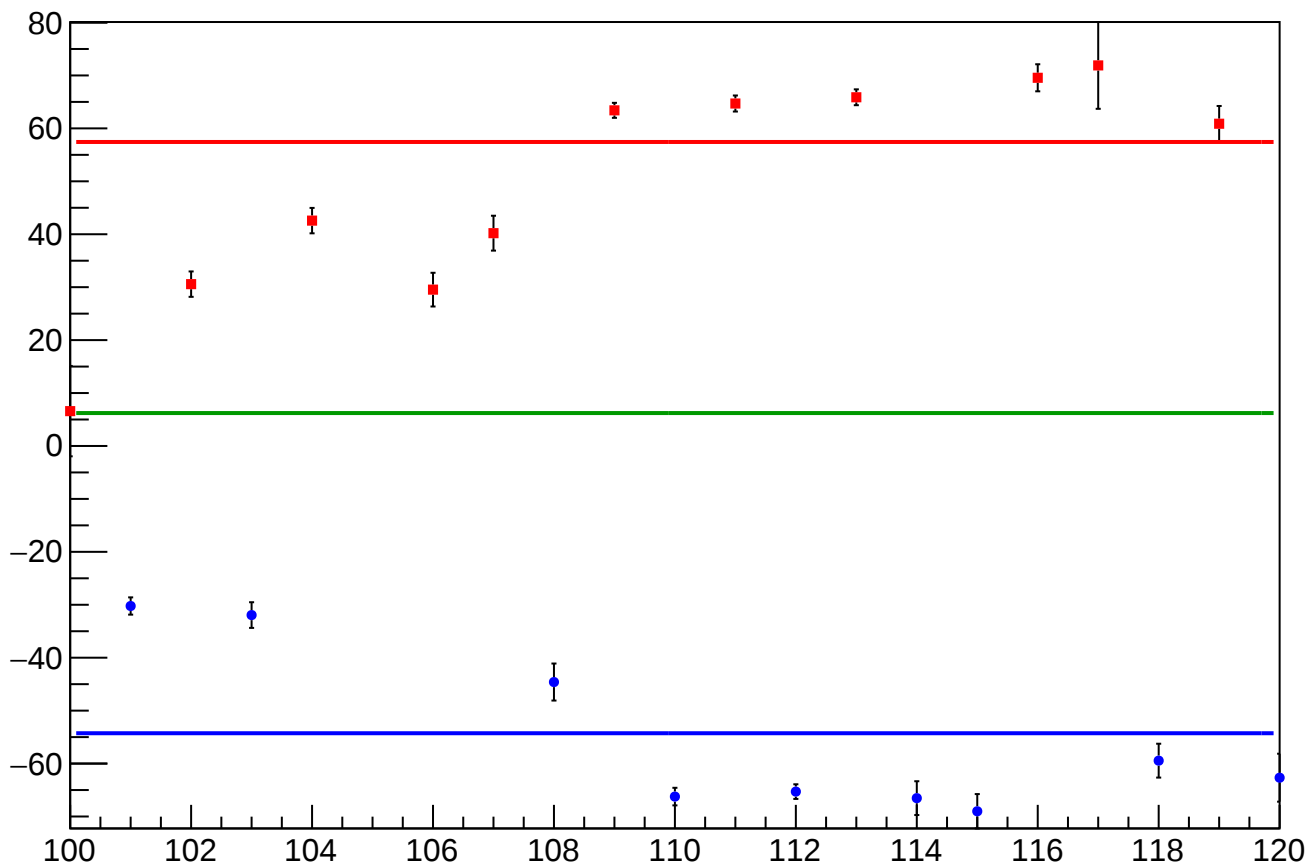
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.501+/-0.423 χ^2/NDF : 52.7/8

-0.202+/-0.299 χ^2/NDF : 257.6/19

-3.909+/-0.423 χ^2/NDF : 51.3/10

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.270 $\pm$ 0.735 χ^2 /NDF: 466.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.432 $\pm$ 0.676 χ^2 /NDF: 402.5/10

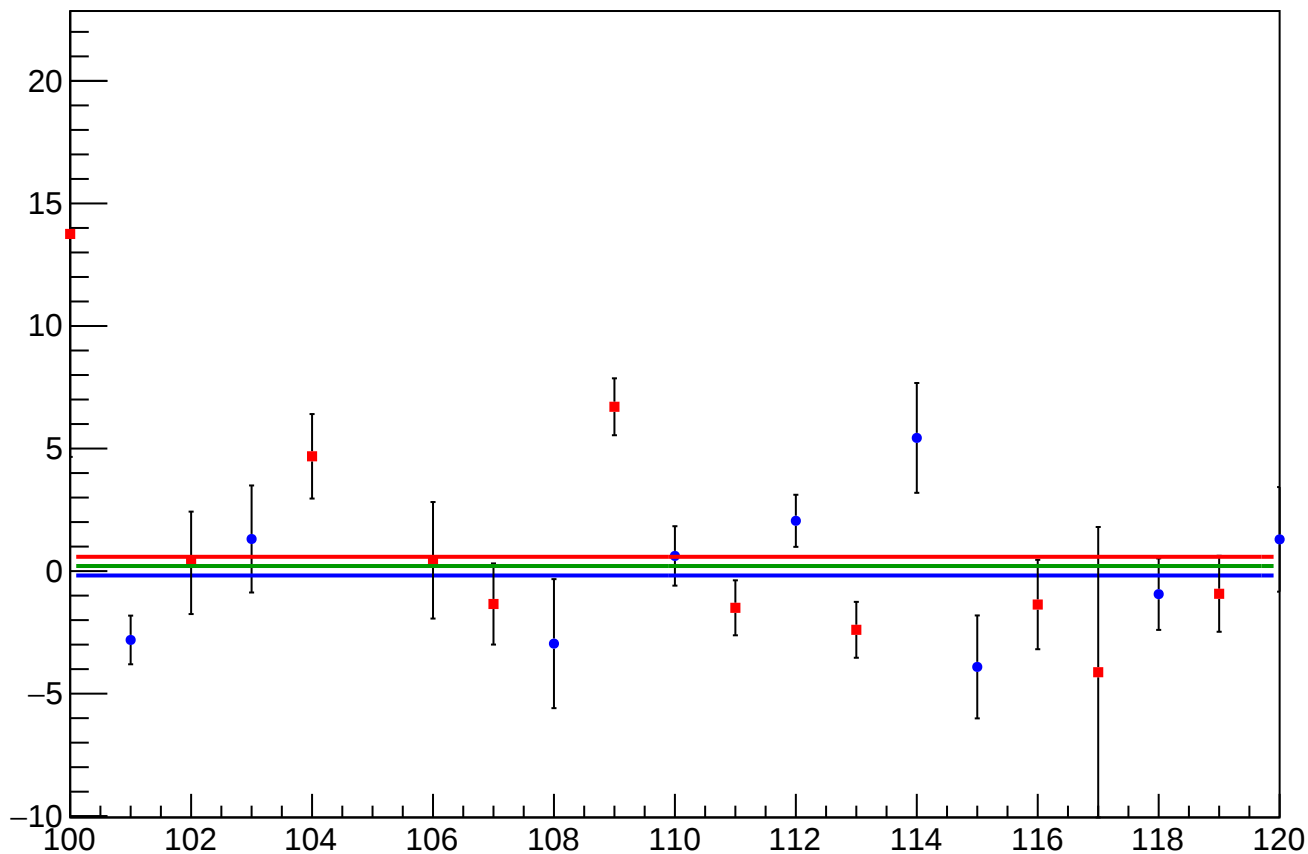
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.270 $\pm$ 0.735 χ^2 /NDF: 466.5/8

6.219 $\pm$ 0.497 χ^2 /NDF: 13385.2/19

57.432 $\pm$ 0.676 χ^2 /NDF: 402.5/10

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.497 χ^2/NDF : 23.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.583 ± 0.490 χ^2/NDF : 49.9/10

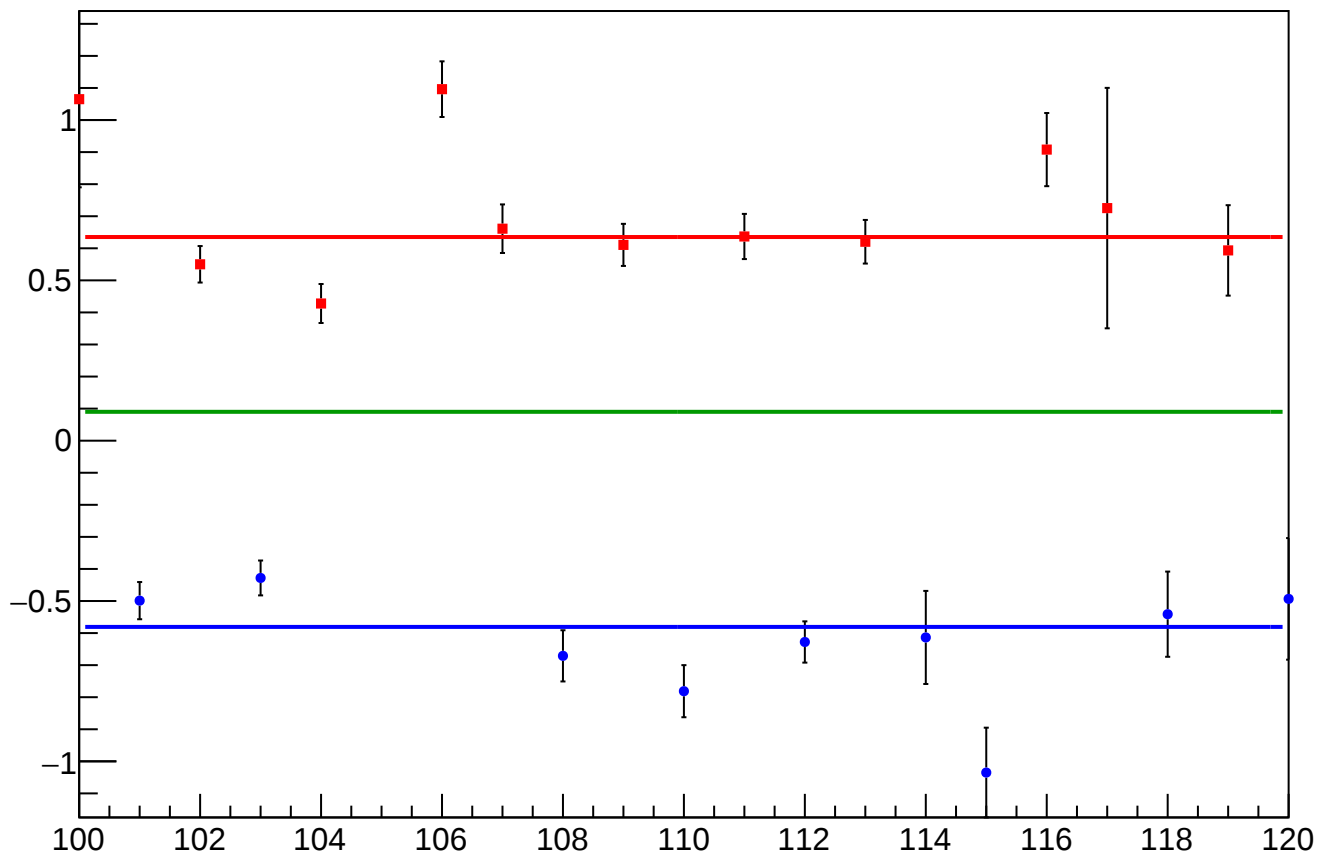
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.180 ± 0.497 χ^2/NDF : 23.6/8

0.207 ± 0.349 χ^2/NDF : 74.7/19

0.583 ± 0.490 χ^2/NDF : 49.9/10

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.581 ± 0.027 $\chi^2/\text{NDF}: 28.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.635 ± 0.024 $\chi^2/\text{NDF}: 50.7/10$

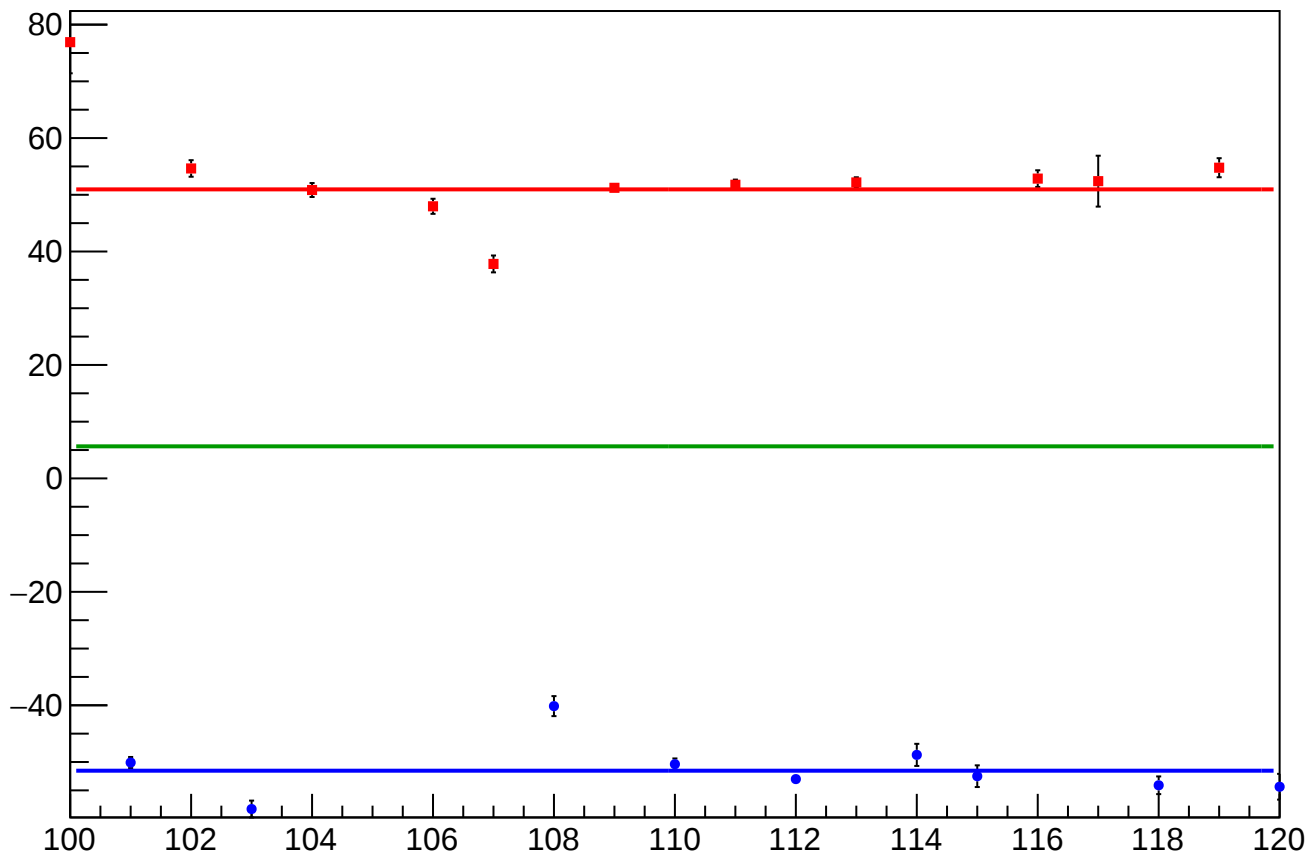
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.581 ± 0.027 $\chi^2/\text{NDF}: 28.7/8$

0.090 ± 0.018 $\chi^2/\text{NDF}: 1195.4/19$

0.635 ± 0.024 $\chi^2/\text{NDF}: 50.7/10$

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.533+/-0.432 χ^2/NDF : 75.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.954+/-0.385 χ^2/NDF : 121.5/10

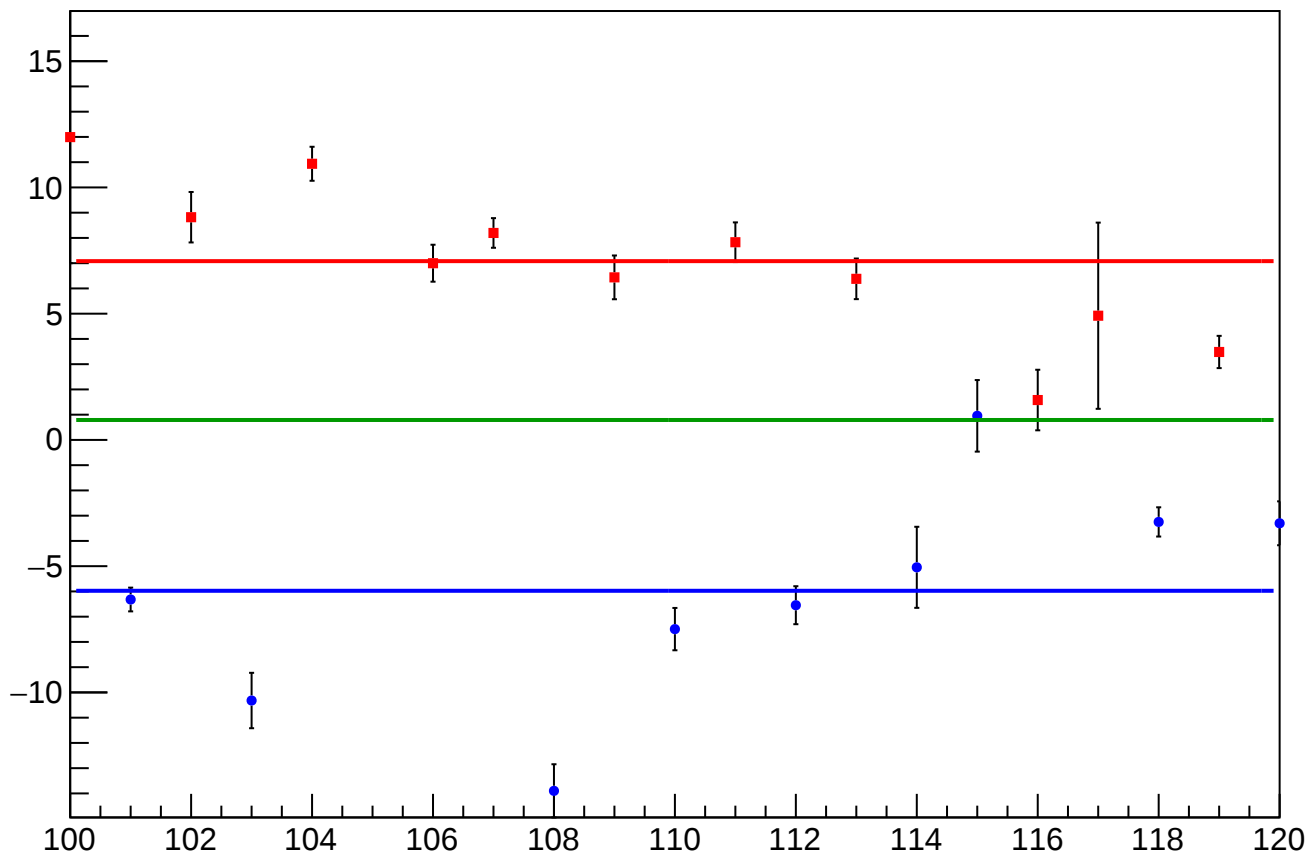
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-51.533+/-0.432 χ^2/NDF : 75.5/8

5.652+/-0.288 χ^2/NDF : 31532.5/19

50.954+/-0.385 χ^2/NDF : 121.5/10

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.975+/-0.261 χ^2/NDF : 132.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.081+/-0.252 χ^2/NDF : 95.8/10

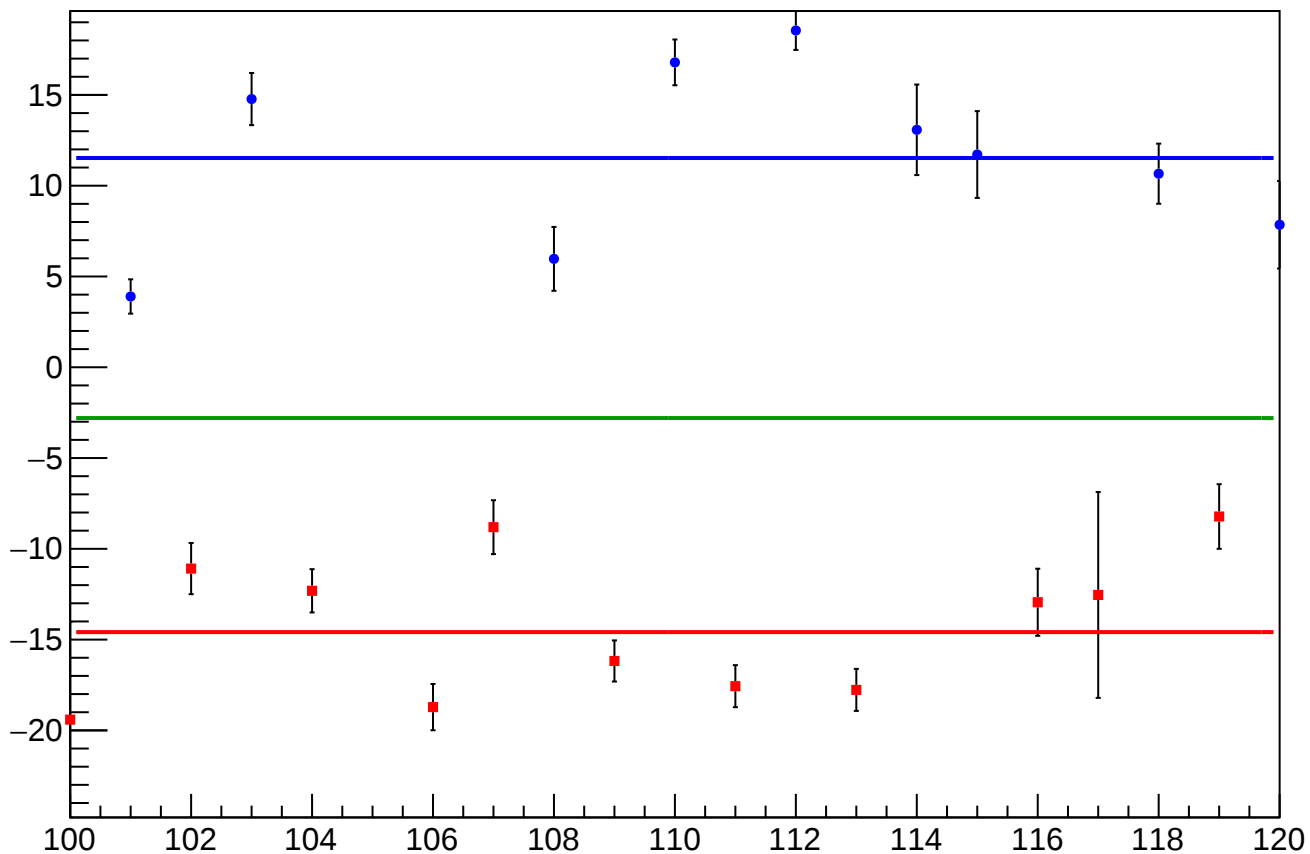
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.975+/-0.261 χ^2/NDF : 132.5/8

0.790+/-0.181 χ^2/NDF : 1521.1/19

7.081+/-0.252 χ^2/NDF : 95.8/10

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.527+/-0.482 χ^2/NDF : 143.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.587+/-0.438 χ^2/NDF : 66.1/10

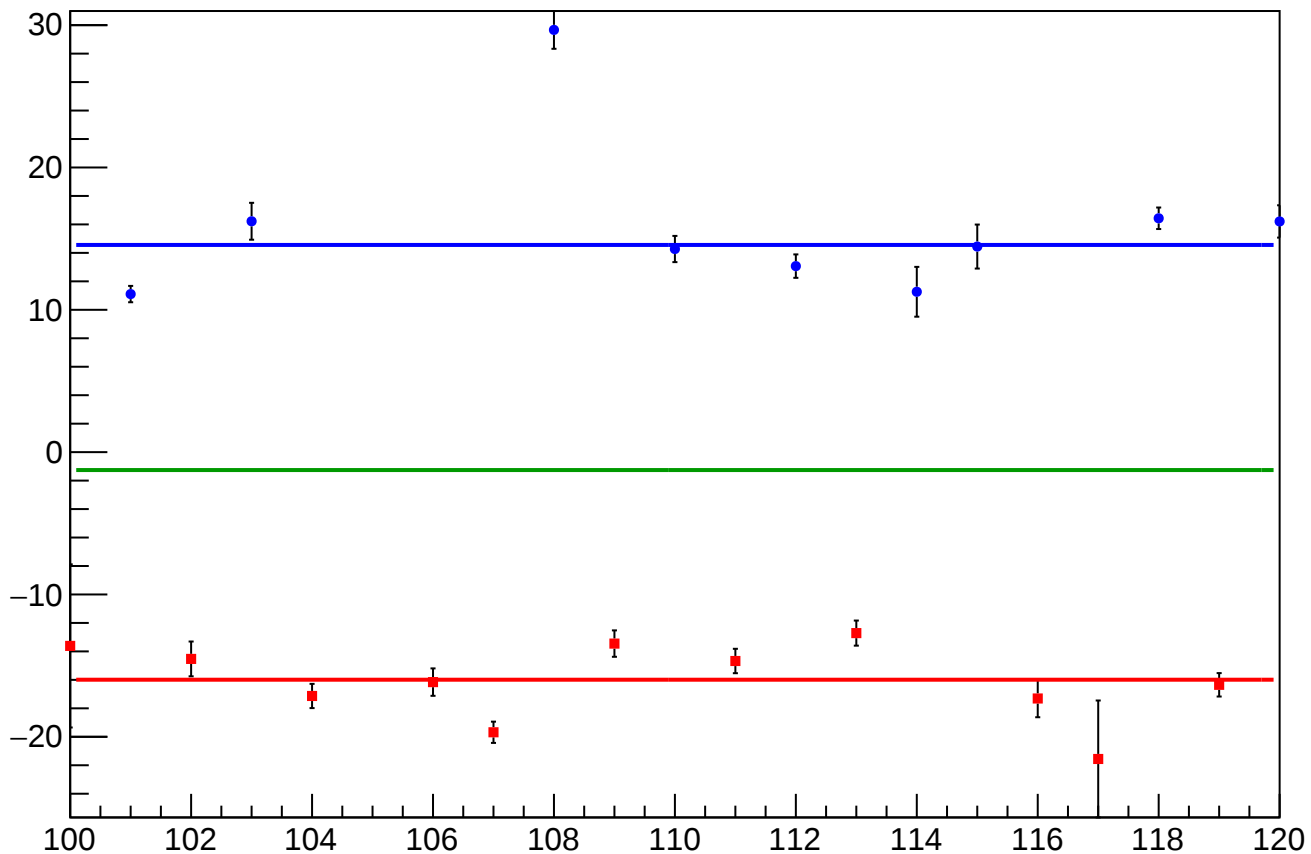
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.527+/-0.482 χ^2/NDF : 143.6/8

-2.797+/-0.324 χ^2/NDF : 1818.0/19

-14.587+/-0.438 χ^2/NDF : 66.1/10

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.558 $\pm$ 0.314 χ^2 /NDF: 182.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.989 $\pm$ 0.303 χ^2 /NDF: 54.5/10

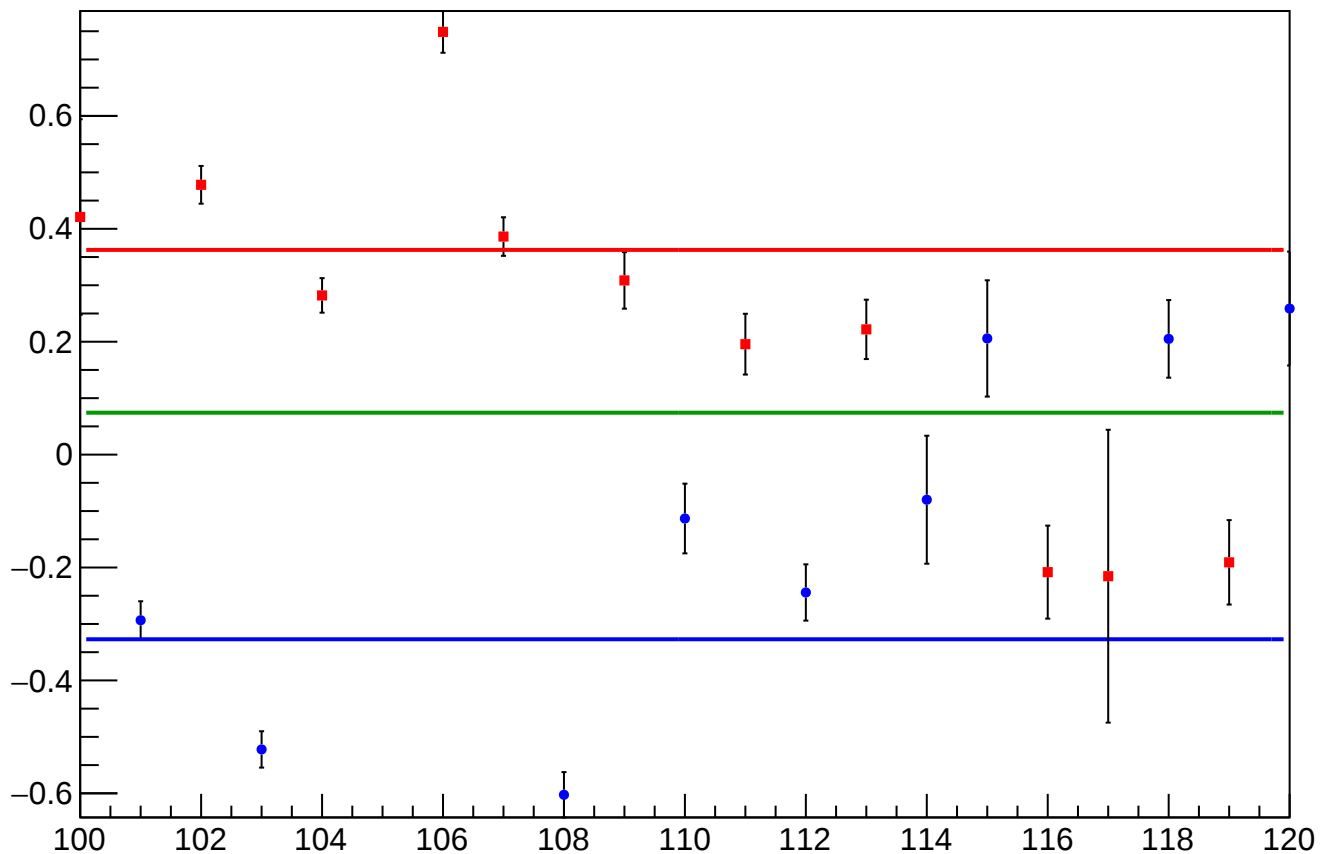
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14.558 $\pm$ 0.314 χ^2 /NDF: 182.6/8

-1.259 $\pm$ 0.218 χ^2 /NDF: 5128.9/19

-15.989 $\pm$ 0.303 χ^2 /NDF: 54.5/10

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.327+/-0.017 χ^2/NDF : 224.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.363+/-0.014 χ^2/NDF : 254.2/10

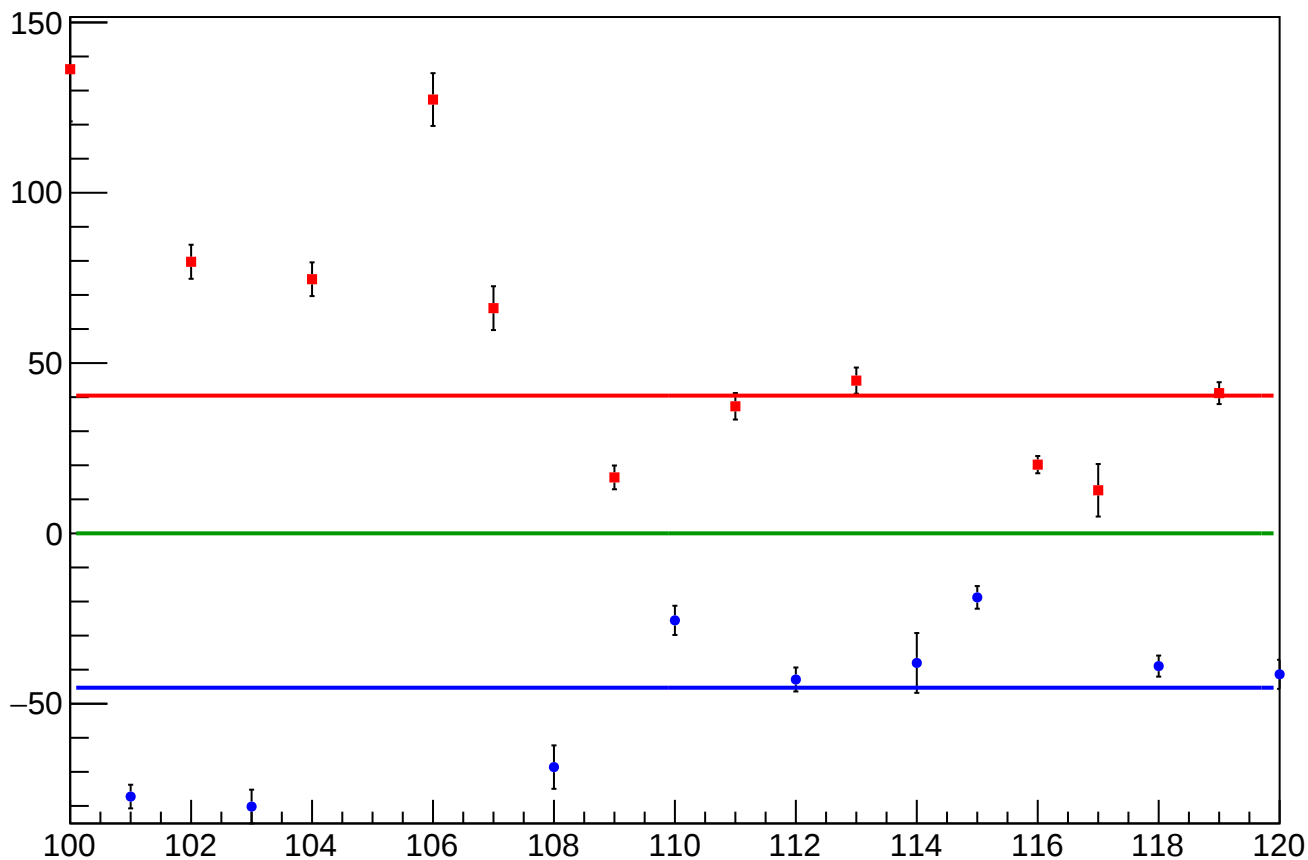
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.327+/-0.017 χ^2/NDF : 224.6/8

0.074+/-0.011 χ^2/NDF : 1480.0/19

0.363+/-0.014 χ^2/NDF : 254.2/10

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -45.295+/-1.353 χ^2/NDF : 238.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.450+/-1.278 χ^2/NDF : 416.7/10

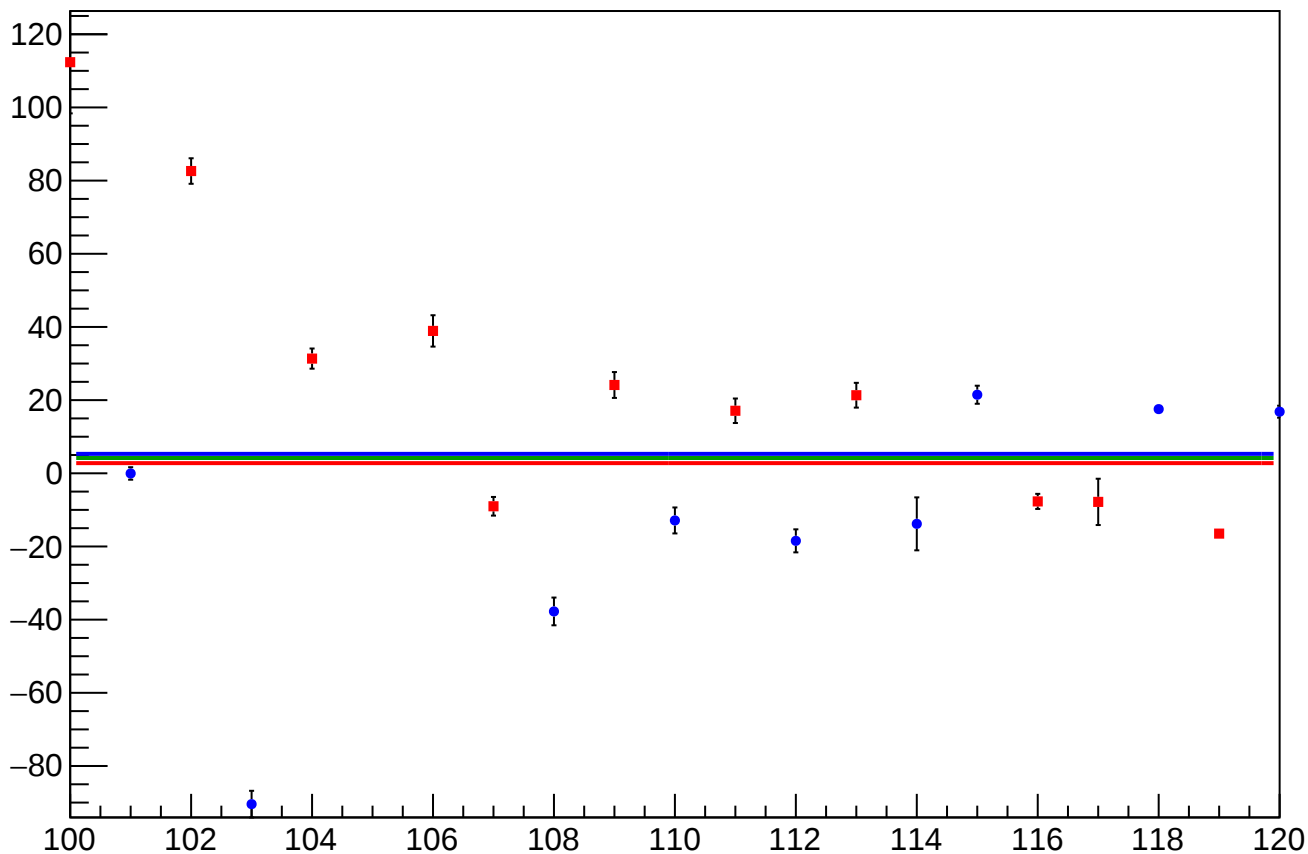
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-45.295+/-1.353 χ^2/NDF : 238.6/8

0.022+/-0.929 χ^2/NDF : 2777.6/19

40.450+/-1.278 χ^2/NDF : 416.7/10

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.314+/-0.709 χ^2/NDF : 1126.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.779+/-0.787 χ^2/NDF : 1146.9/10

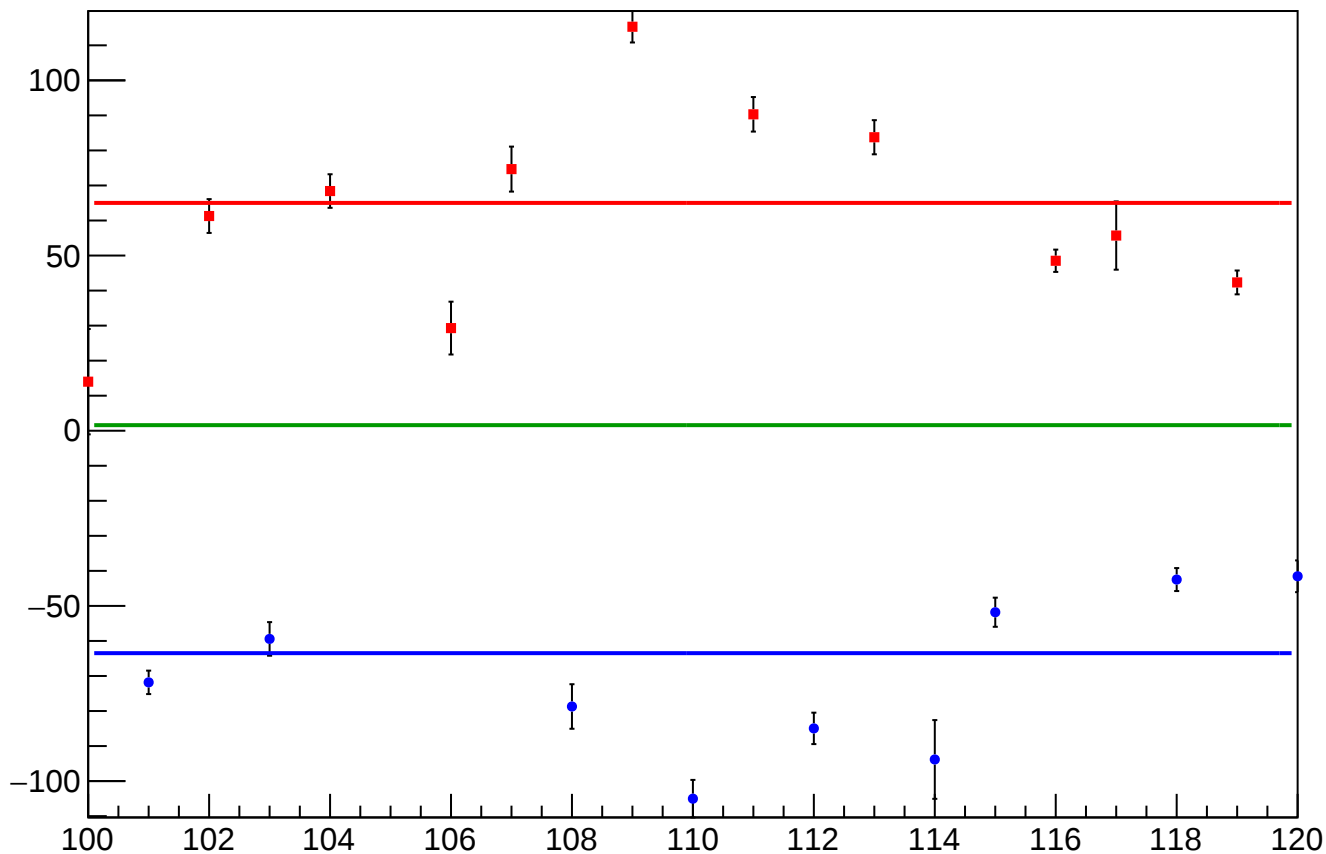
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.314+/-0.709 χ^2/NDF : 1126.4/8

4.178+/-0.527 χ^2/NDF : 2279.0/19

2.779+/-0.787 χ^2/NDF : 1146.9/10

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.485 $\pm$ 1.491 χ^2 /NDF: 175.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.024 $\pm$ 1.472 χ^2 /NDF: 276.1/10

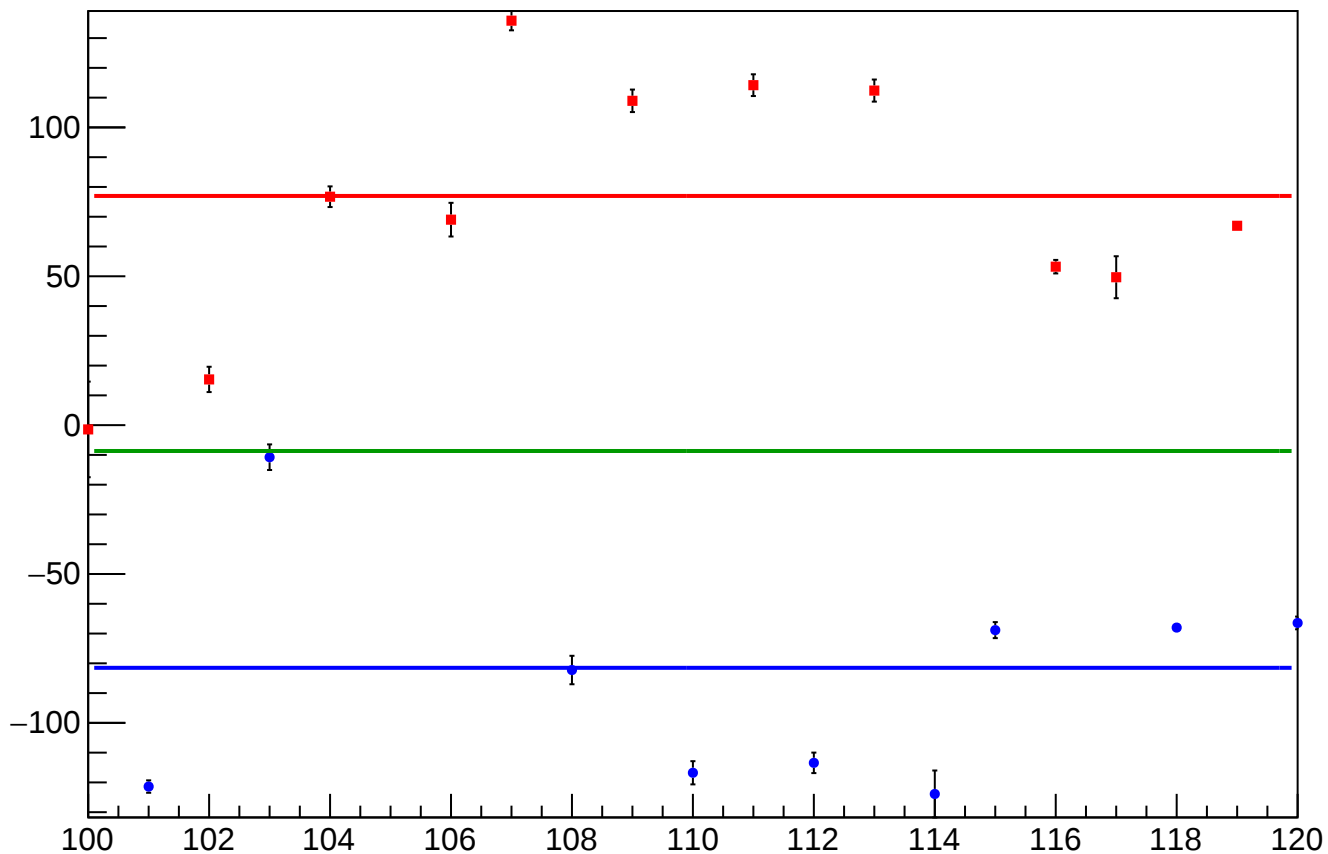
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-63.485 $\pm$ 1.491 χ^2 /NDF: 175.4/8

1.591 $\pm$ 1.048 χ^2 /NDF: 4211.4/19

65.024 $\pm$ 1.472 χ^2 /NDF: 276.1/10

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.509 ± 0.878 $\chi^2/\text{NDF}: 987.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 76.982 ± 0.952 $\chi^2/\text{NDF}: 996.7/10$

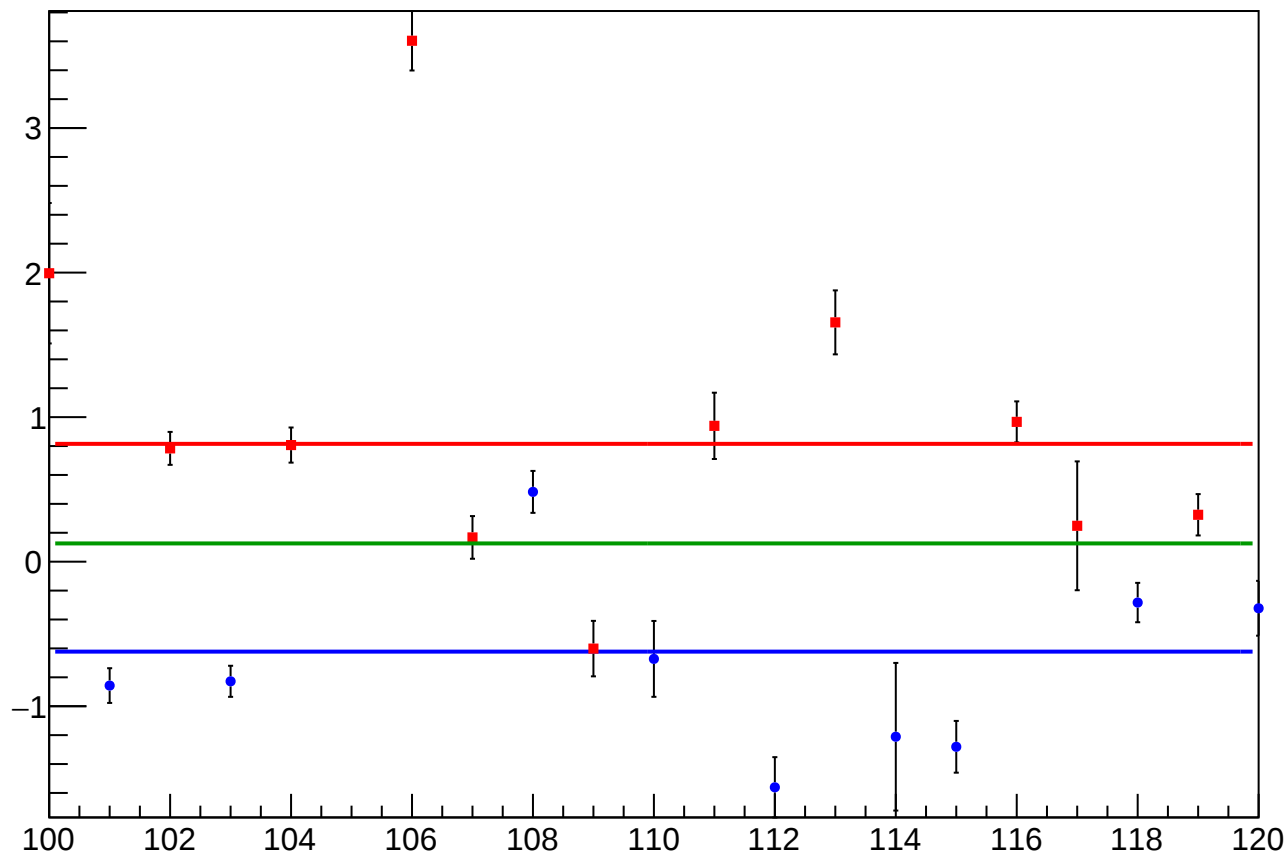
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-81.509 ± 0.878 $\chi^2/\text{NDF}: 987.1/8$

-8.682 ± 0.645 $\chi^2/\text{NDF}: 16973.0/19$

76.982 ± 0.952 $\chi^2/\text{NDF}: 996.7/10$

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.622 ± 0.053 $\chi^2/\text{NDF}: 109.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.815 ± 0.051 $\chi^2/\text{NDF}: 292.7/10$

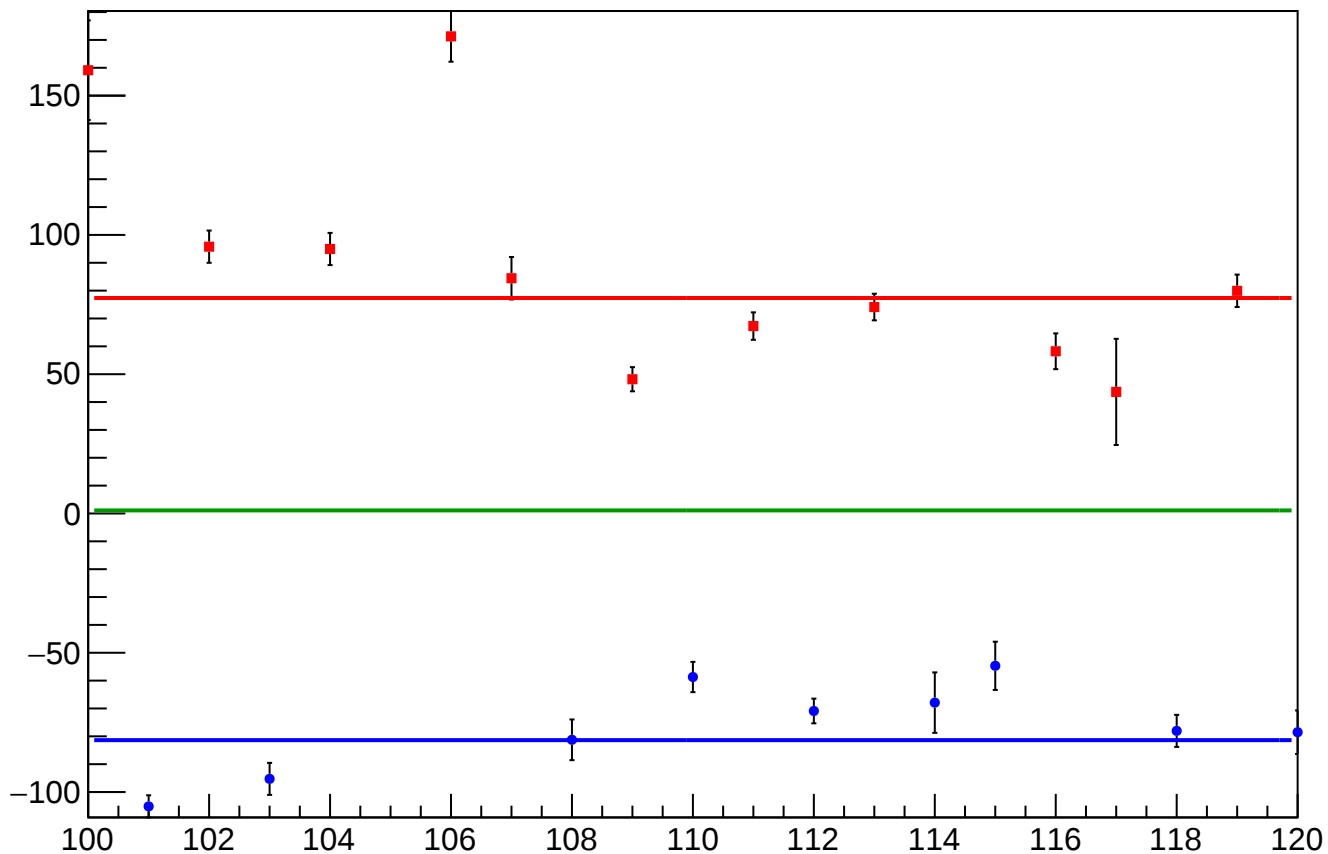
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.622 ± 0.053 $\chi^2/\text{NDF}: 109.4/8$

0.126 ± 0.037 $\chi^2/\text{NDF}: 786.9/19$

0.815 ± 0.051 $\chi^2/\text{NDF}: 292.7/10$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -81.372 ± 1.942 $\chi^2/\text{NDF}: 75.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.354 ± 1.867 $\chi^2/\text{NDF}: 209.7/10$

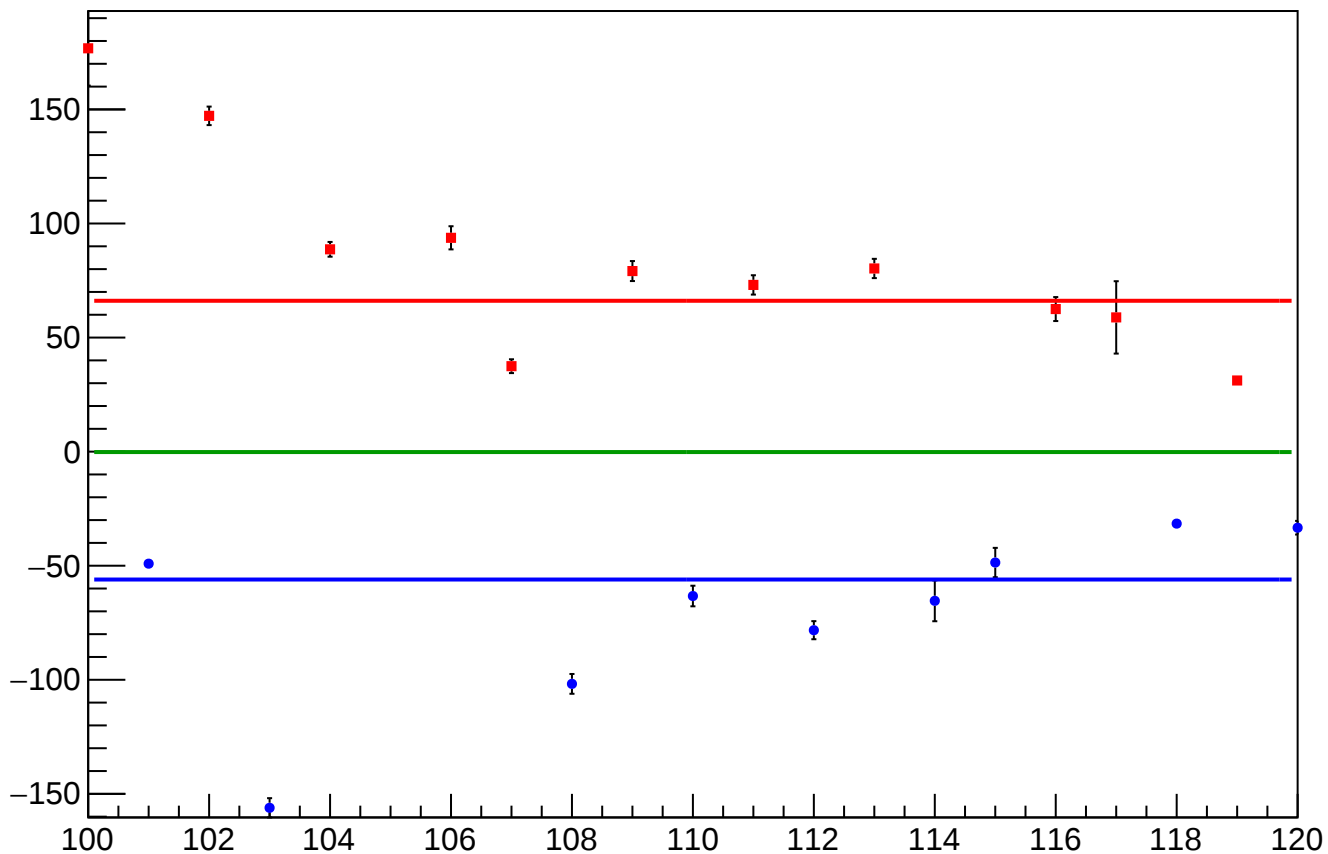
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-81.372 ± 1.942 $\chi^2/\text{NDF}: 75.9/8$

1.097 ± 1.346 $\chi^2/\text{NDF}: 3758.2/19$

77.354 ± 1.867 $\chi^2/\text{NDF}: 209.7/10$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -56.053 ± 1.084 χ^2/NDF : 910.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.127 ± 1.181 χ^2/NDF : 886.3/10

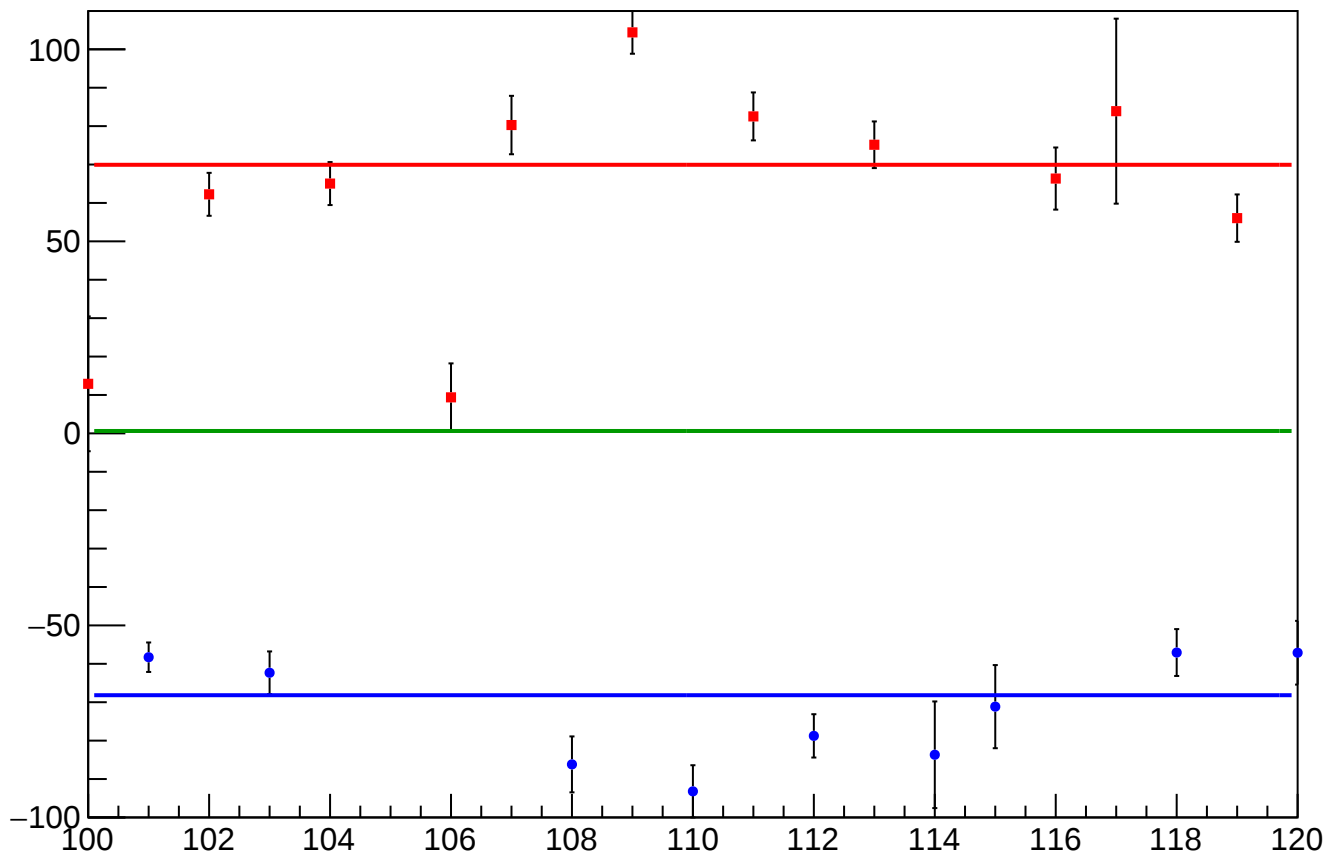
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-56.053 ± 1.084 χ^2/NDF : 910.0/8

-0.182 ± 0.799 χ^2/NDF : 7602.2/19

66.127 ± 1.181 χ^2/NDF : 886.3/10

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.175+/-2.097 χ^2/NDF : 37.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.932+/-2.105 χ^2/NDF : 110.8/10

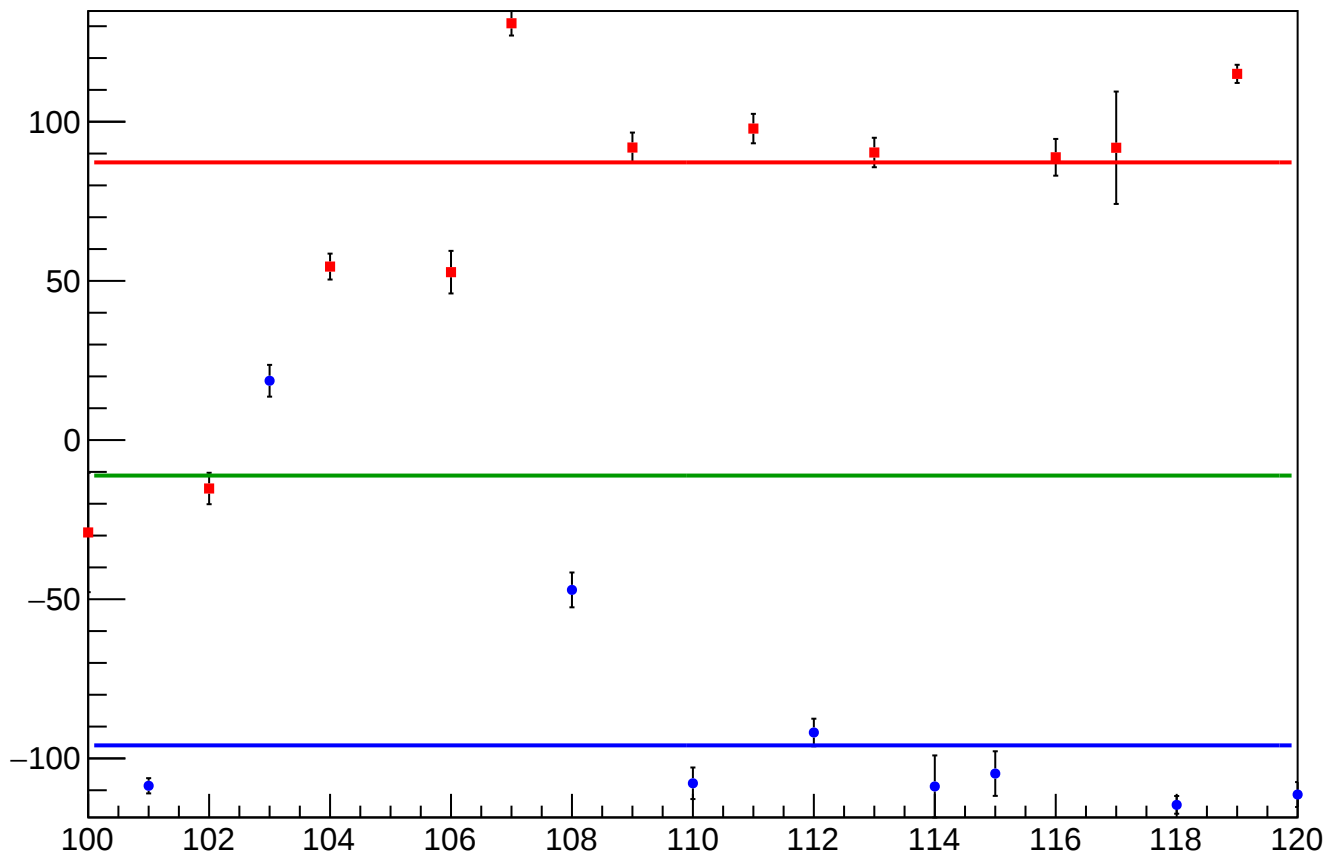
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.175+/-2.097 χ^2/NDF : 37.4/8

0.622+/-1.486 χ^2/NDF : 2308.0/19

69.932+/-2.105 χ^2/NDF : 110.8/10

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.904 ± 1.327 χ^2/NDF : 704.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 87.224 ± 1.430 χ^2/NDF : 791.2/10

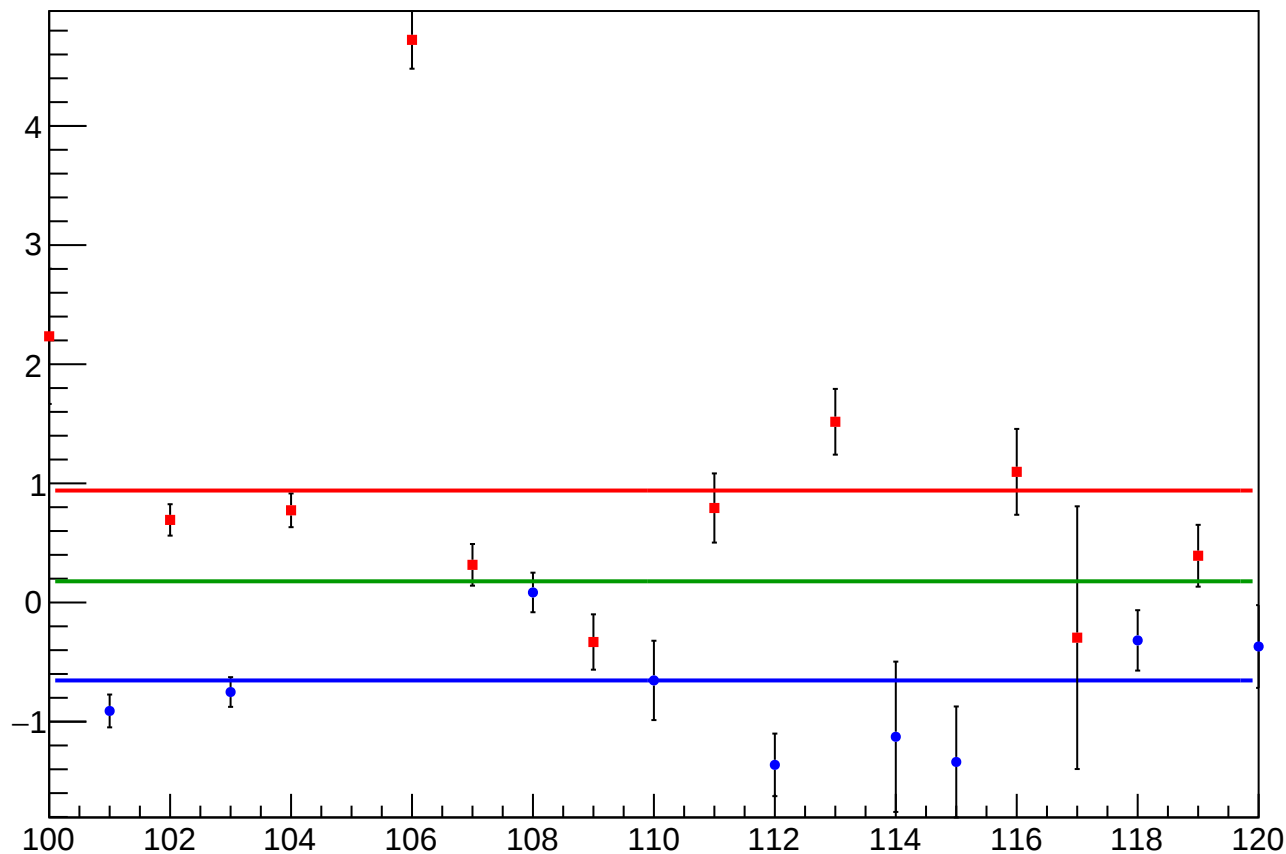
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-95.904 ± 1.327 χ^2/NDF : 704.9/8

-11.150 ± 0.973 χ^2/NDF : 10308.6/19

87.224 ± 1.430 χ^2/NDF : 791.2/10

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.654 ± 0.069 χ^2/NDF : 36.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.940 ± 0.066 χ^2/NDF : 307.3/10

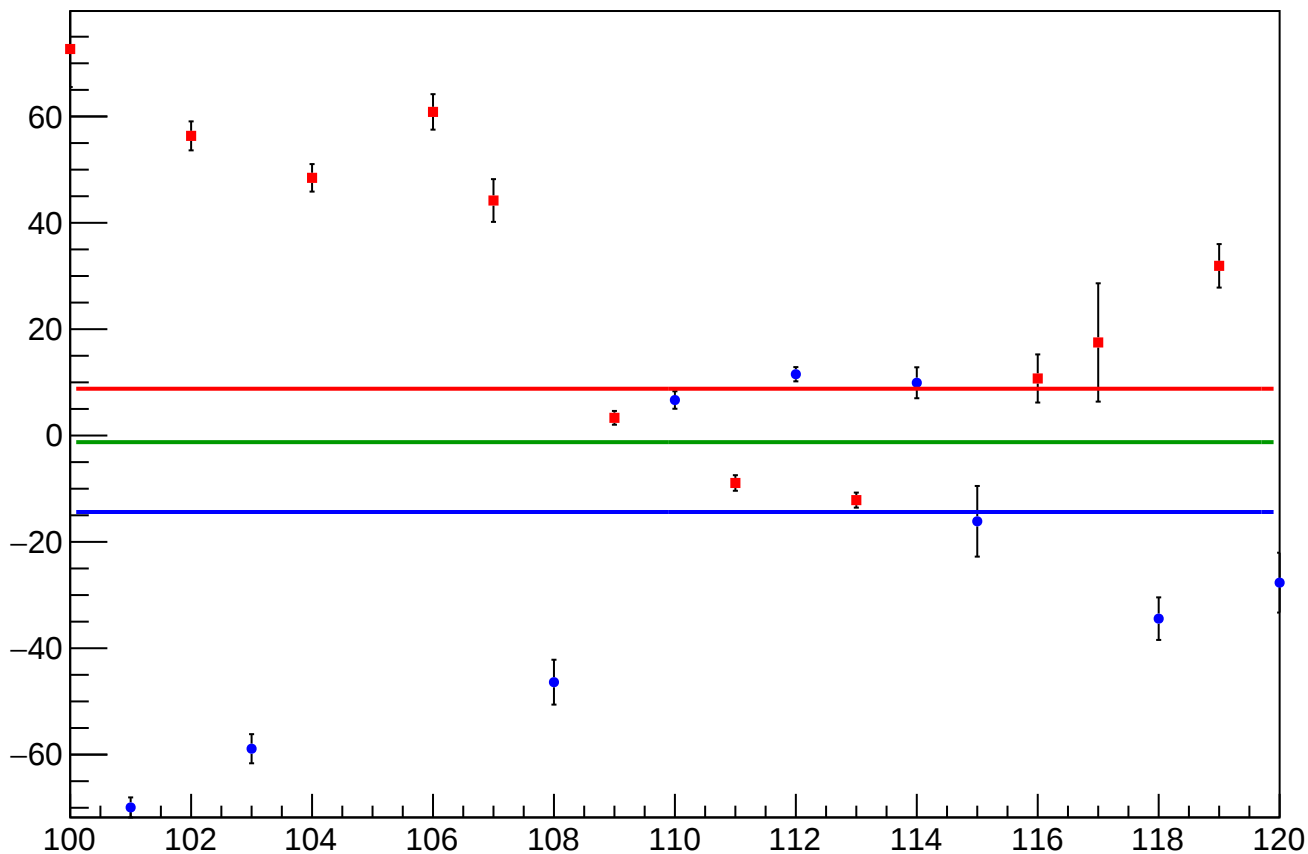
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.654 ± 0.069 χ^2/NDF : 36.3/8

0.178 ± 0.048 χ^2/NDF : 619.4/19

0.940 ± 0.066 χ^2/NDF : 307.3/10

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -14.380 ± 0.783 χ^2/NDF : 1827.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.801 ± 0.685 χ^2/NDF : 1356.4/10

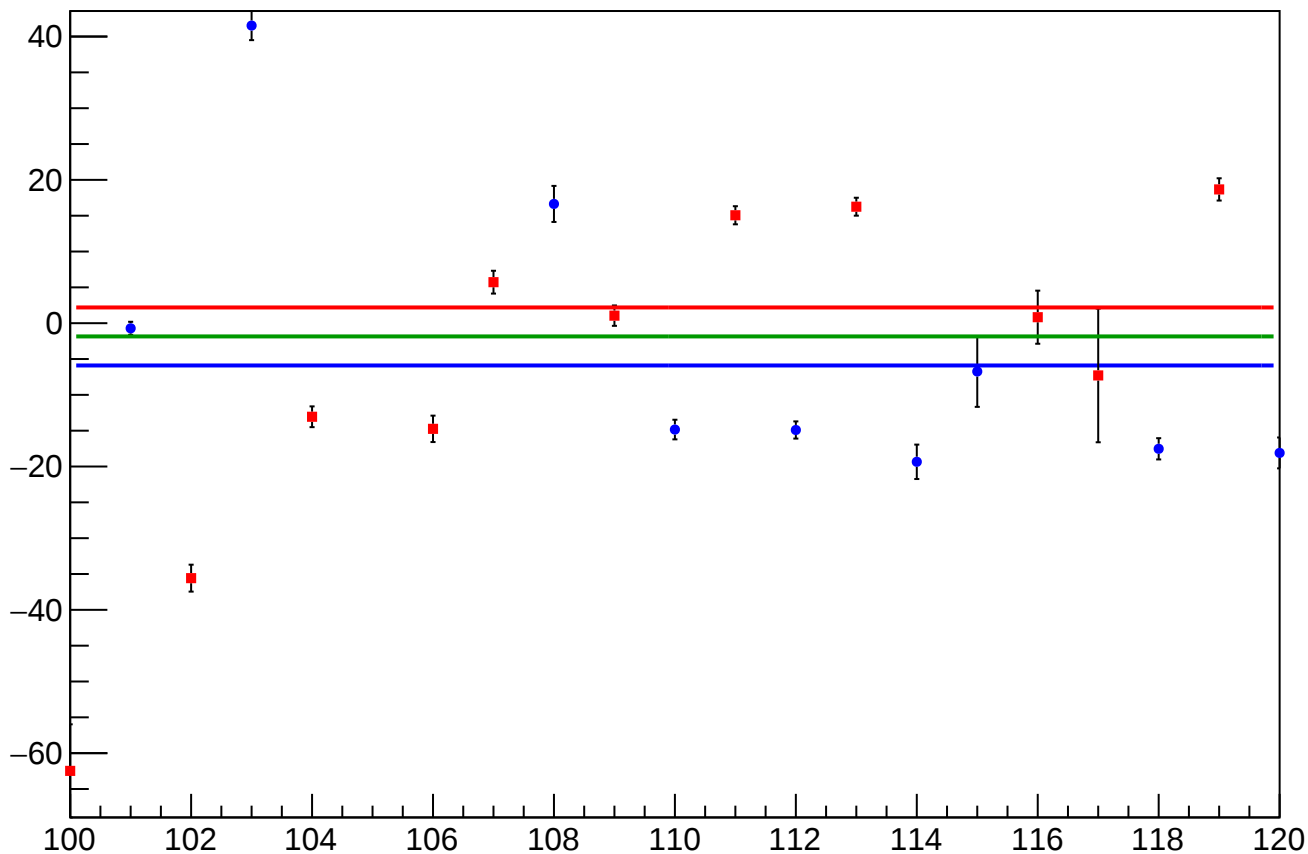
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-14.380 ± 0.783 χ^2/NDF : 1827.8/8

-1.244 ± 0.515 χ^2/NDF : 3681.1/19

8.801 ± 0.685 χ^2/NDF : 1356.4/10

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.900+/-0.518 χ^2/NDF : 881.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.197+/-0.518 χ^2/NDF : 1047.6/10

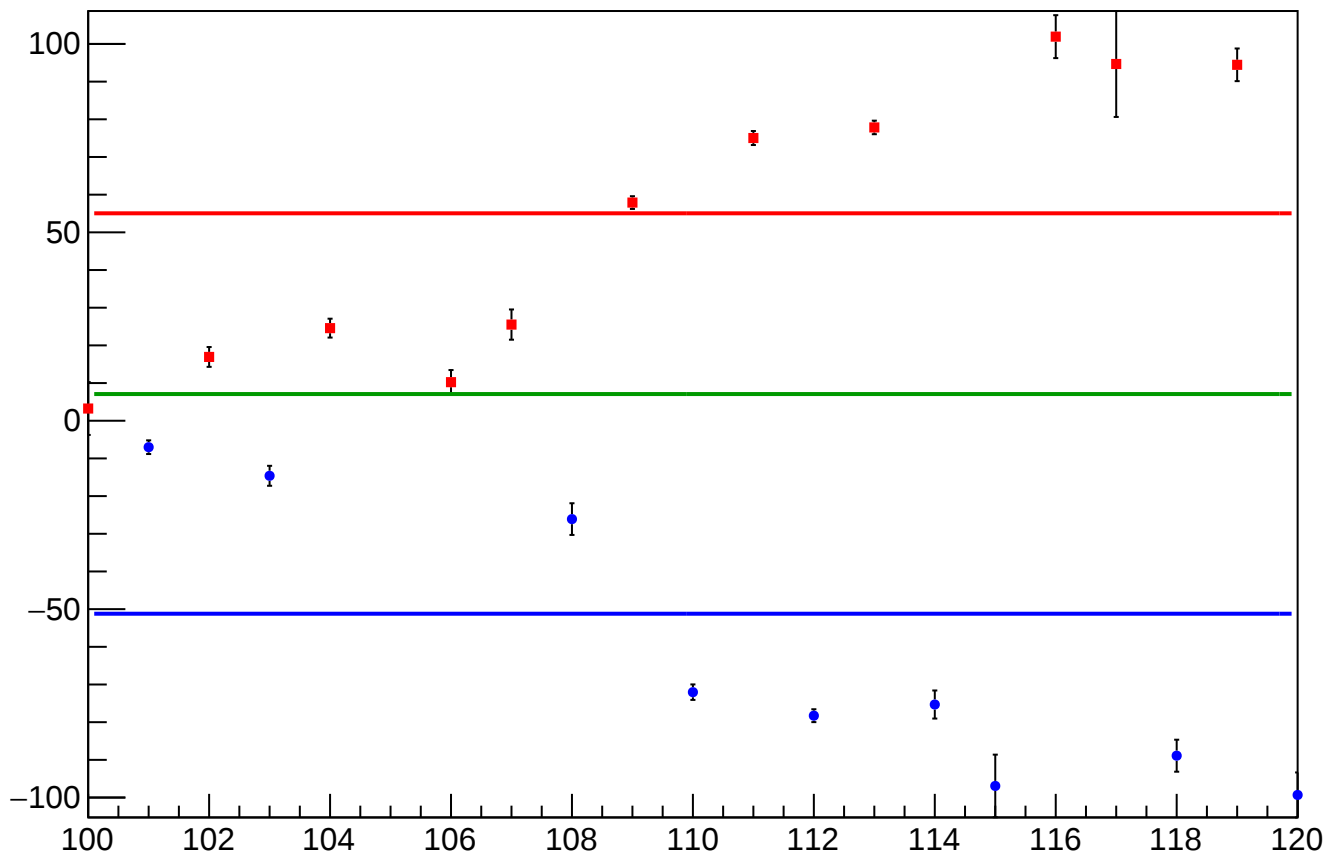
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.900+/-0.518 χ^2/NDF : 881.7/8

-1.846+/-0.366 χ^2/NDF : 2051.4/19

2.197+/-0.518 χ^2/NDF : 1047.6/10

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -51.215 $\pm$ 0.894 χ^2 /NDF: 1387.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.052 $\pm$ 0.811 χ^2 /NDF: 1097.8/10

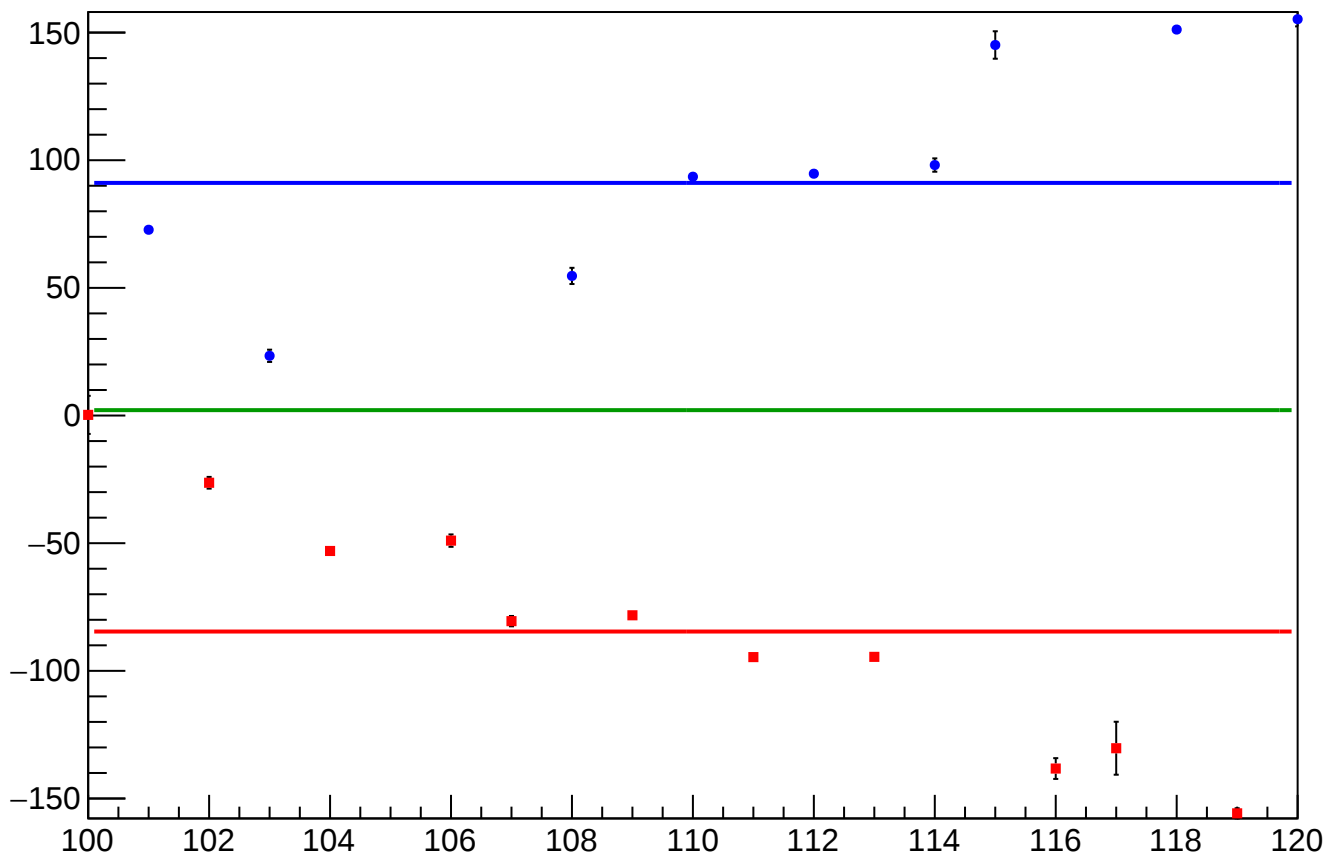
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-51.215 $\pm$ 0.894 χ^2 /NDF: 1387.7/8

7.085 $\pm$ 0.601 χ^2 /NDF: 10237.2/19

55.052 $\pm$ 0.811 χ^2 /NDF: 1097.8/10

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 91.117 ± 0.610 χ^2/NDF : 2803.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -84.599 ± 0.603 χ^2/NDF : 2874.5/10

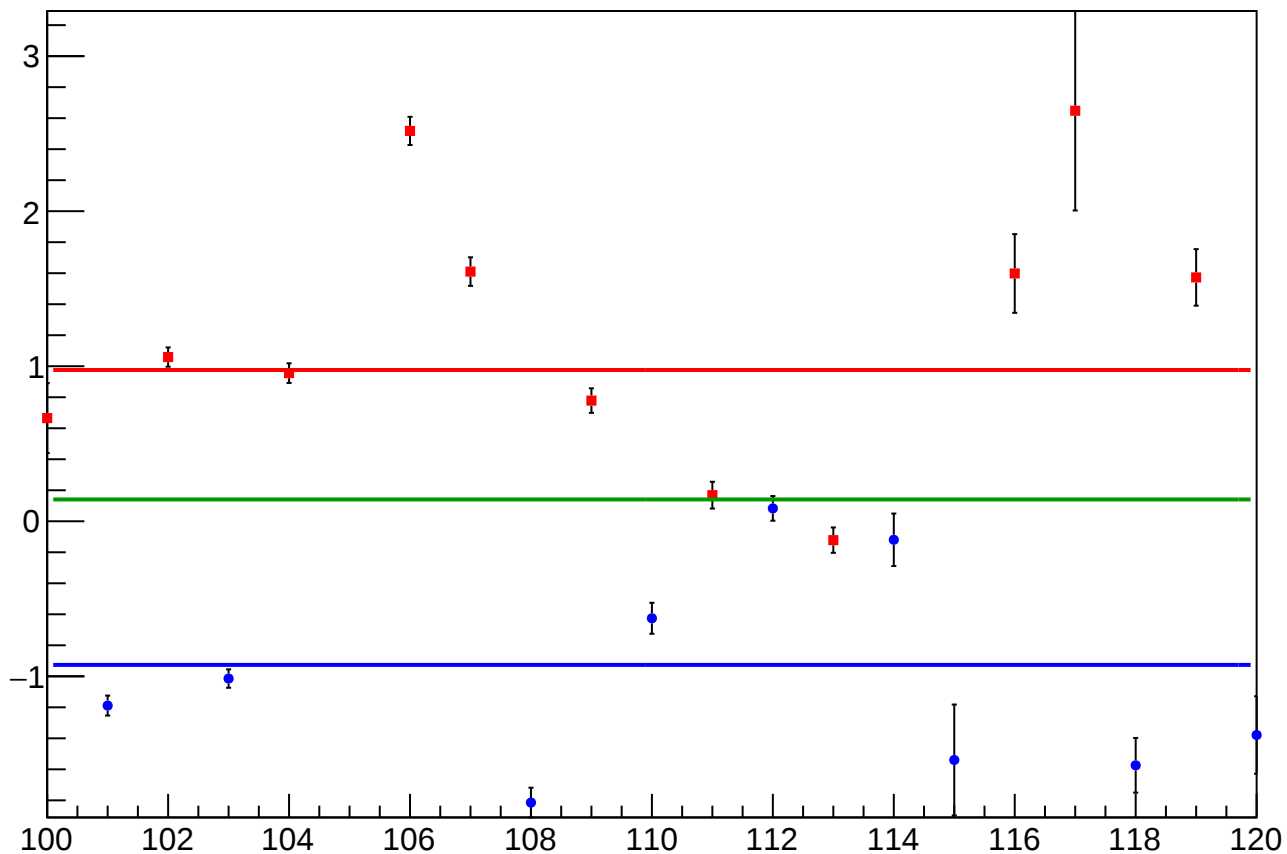
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

91.117 ± 0.610 χ^2/NDF : 2803.9/8

2.113 ± 0.429 χ^2/NDF : 47643.7/19

-84.599 ± 0.603 χ^2/NDF : 2874.5/10

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.926+/-0.032 χ^2 /NDF: 317.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.976+/-0.028 χ^2 /NDF: 636.6/10

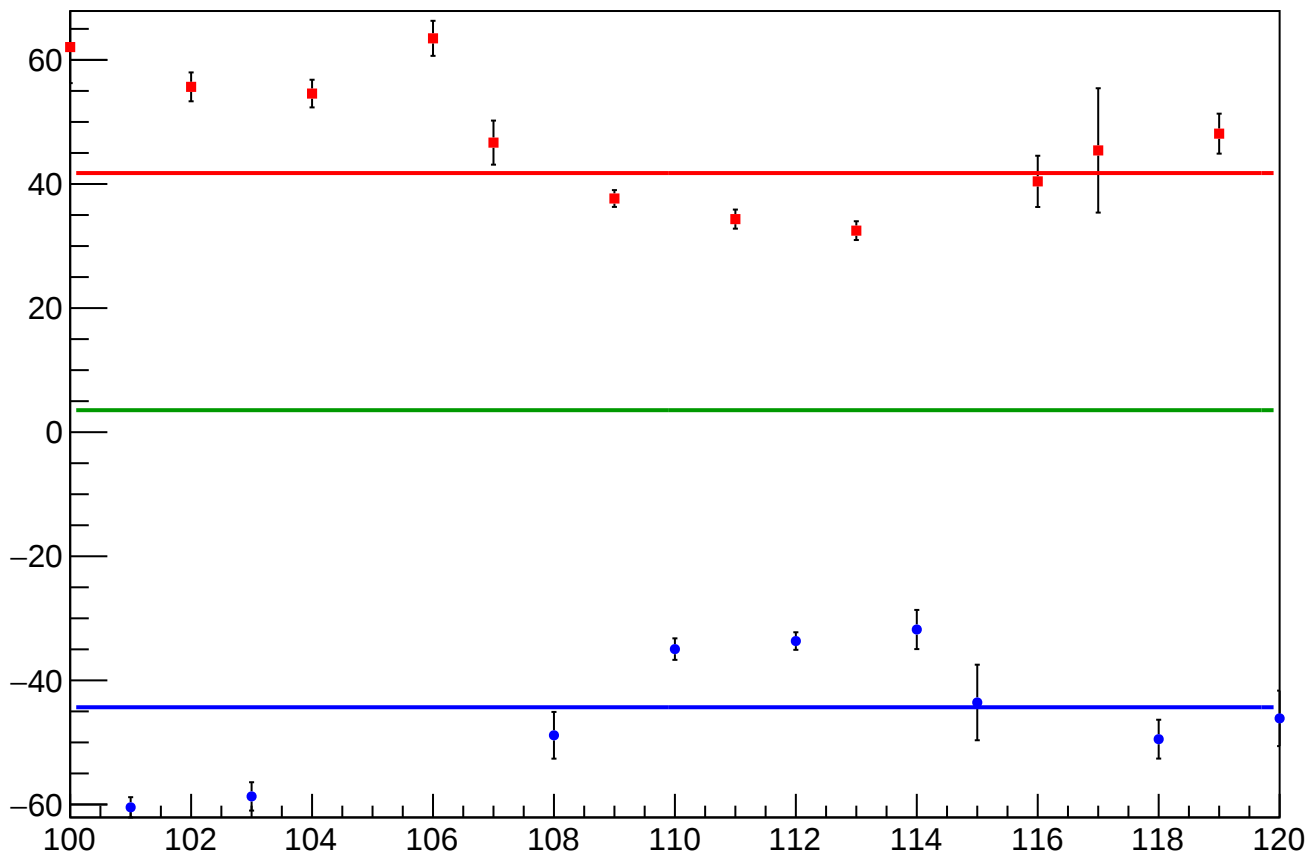
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.926+/-0.032 χ^2 /NDF: 317.0/8

0.141+/-0.021 χ^2 /NDF: 2946.9/19

0.976+/-0.028 χ^2 /NDF: 636.6/10

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -44.331 ± 0.756 χ^2/NDF : 243.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 41.762 ± 0.676 χ^2/NDF : 216.2/10

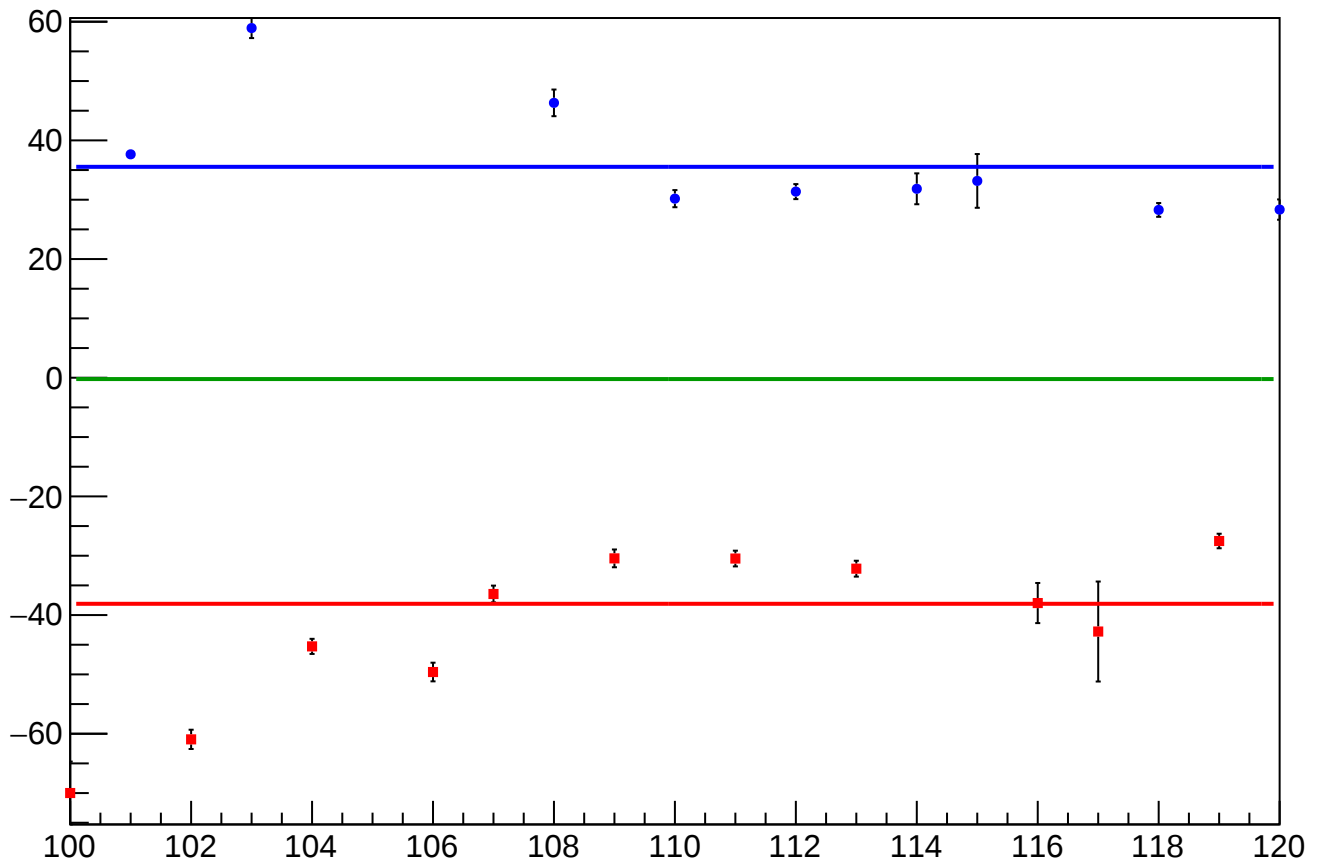
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-44.331 ± 0.756 χ^2/NDF : 243.2/8

3.546 ± 0.504 χ^2/NDF : 7667.8/19

41.762 ± 0.676 χ^2/NDF : 216.2/10

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.543+/-0.470 χ^2/NDF : 305.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.101+/-0.484 χ^2/NDF : 474.3/10

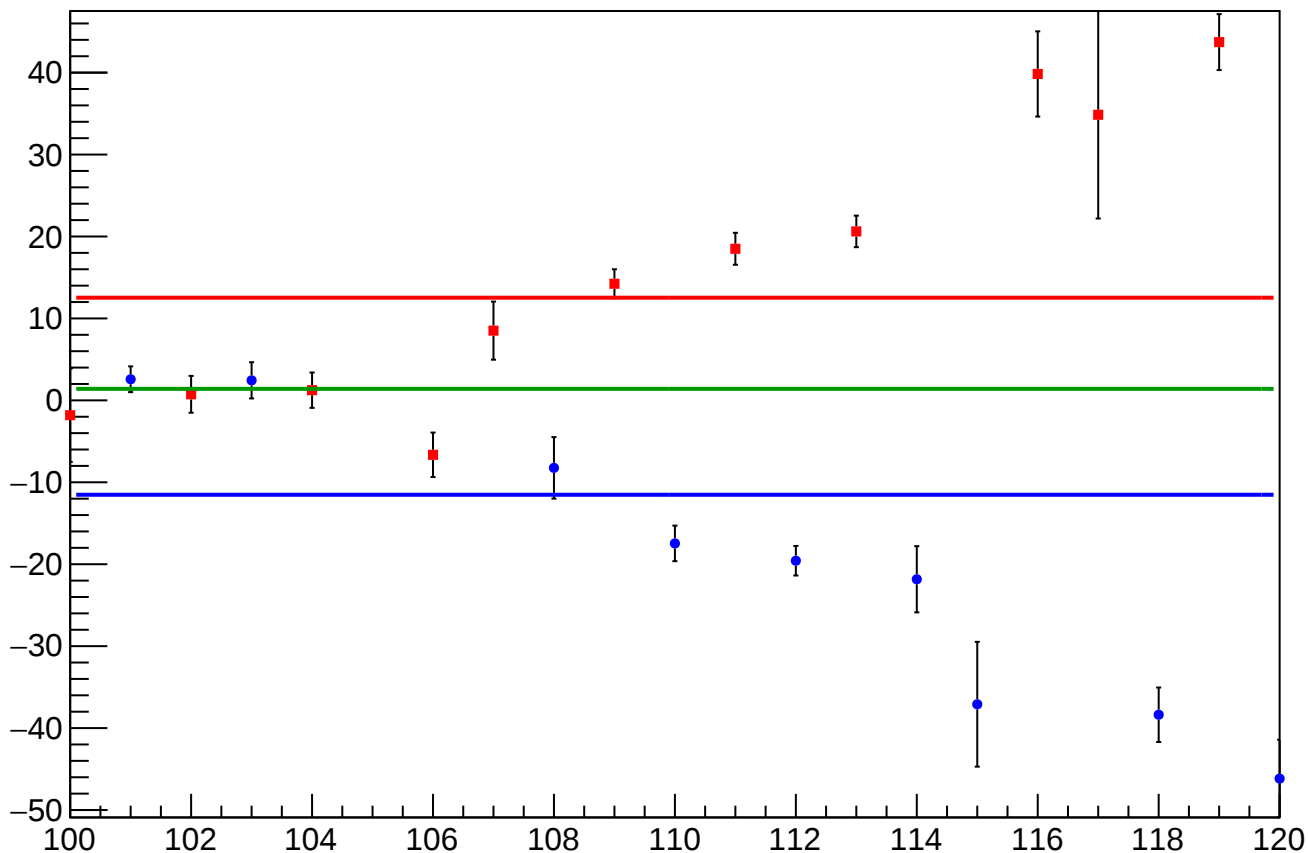
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.543+/-0.470 χ^2/NDF : 305.5/8

-0.225+/-0.337 χ^2/NDF : 12711.3/19

-38.101+/-0.484 χ^2/NDF : 474.3/10

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.523+/-0.841 χ^2/NDF : 284.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.531+/-0.780 χ^2/NDF : 254.7/10

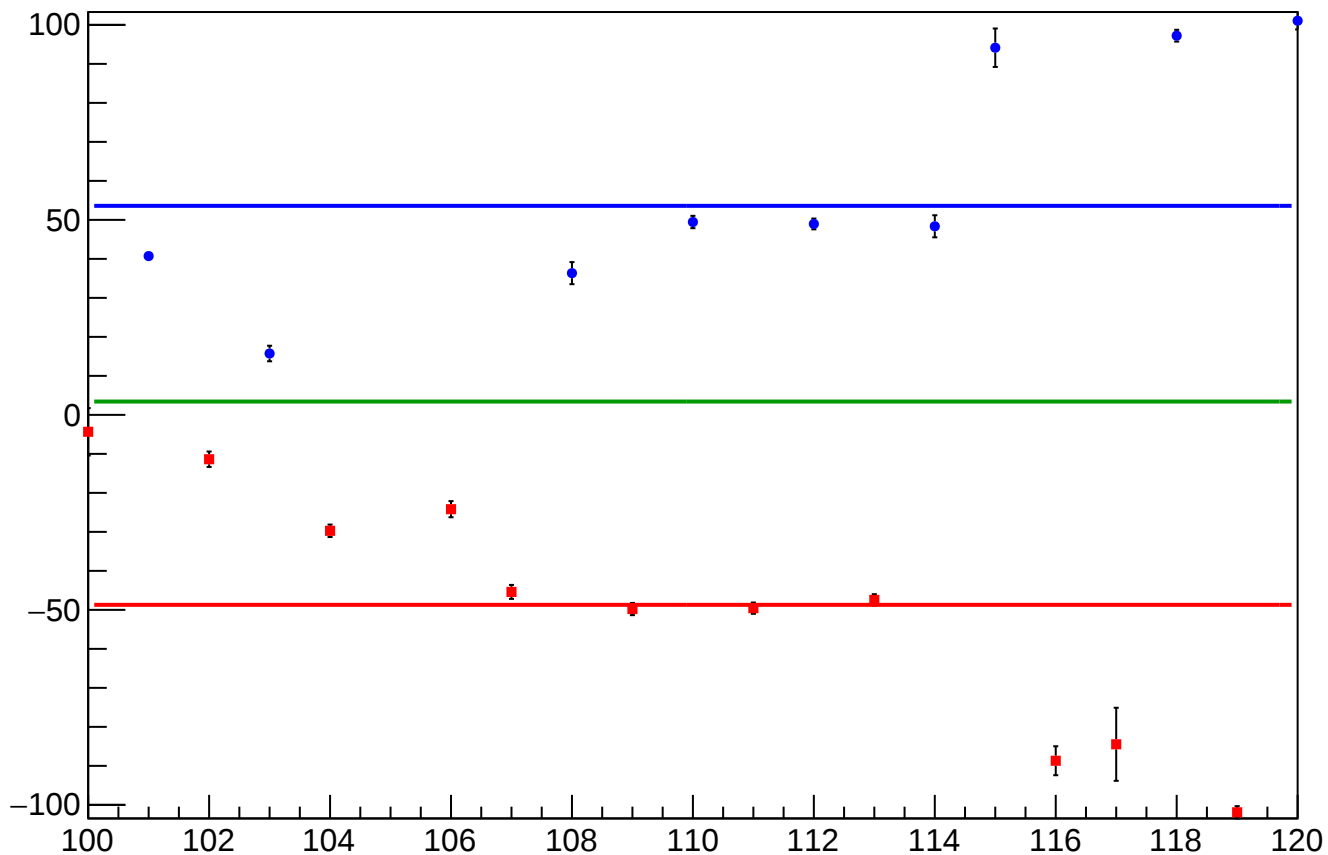
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.523+/-0.841 χ^2/NDF : 284.8/8

1.405+/-0.572 χ^2/NDF : 979.1/19

12.531+/-0.780 χ^2/NDF : 254.7/10

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.599 $\pm$ 0.561 χ^2 /NDF: 1946.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.712 $\pm$ 0.572 χ^2 /NDF: 1964.2/10

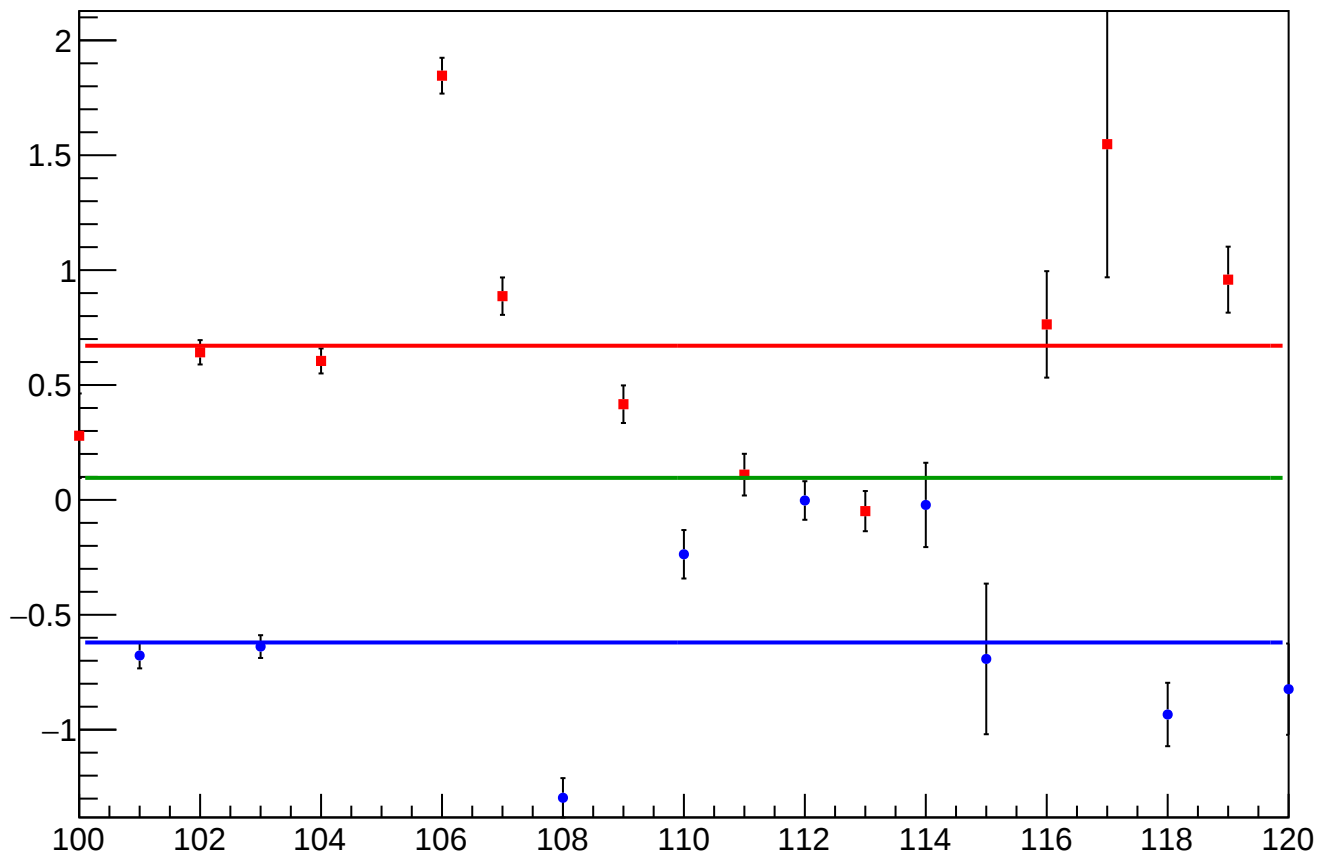
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

53.599 $\pm$ 0.561 χ^2 /NDF: 1946.4/8

3.418 $\pm$ 0.401 χ^2 /NDF: 20209.6/19

-48.712 $\pm$ 0.572 χ^2 /NDF: 1964.2/10

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.620 $\pm$ 0.029 χ^2/NDF : 147.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.671 $\pm$ 0.026 χ^2/NDF : 362.9/10

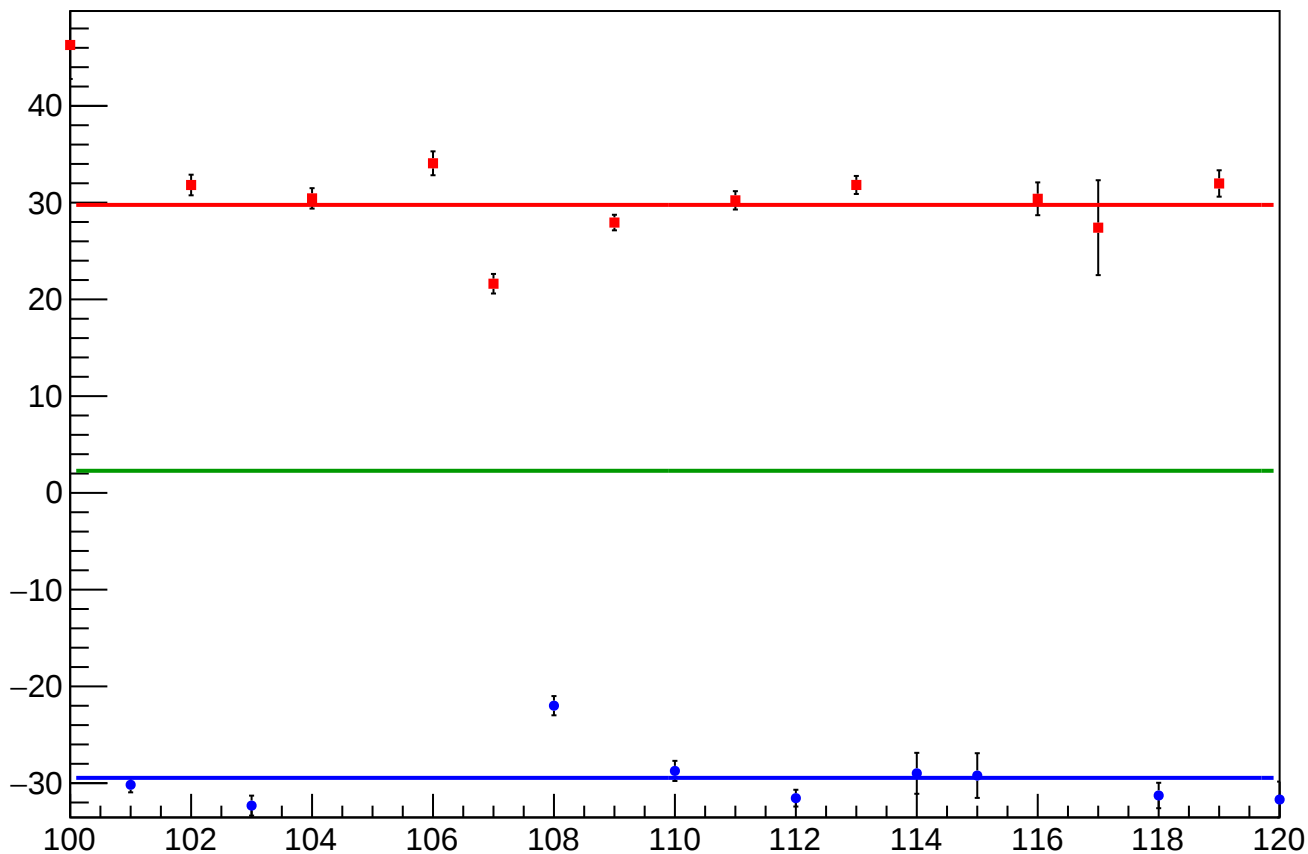
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.620 $\pm$ 0.029 χ^2/NDF : 147.9/8

0.096 $\pm$ 0.019 χ^2/NDF : 1632.6/19

0.671 $\pm$ 0.026 χ^2/NDF : 362.9/10

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -29.453+/-0.375 χ^2/NDF : 74.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.766+/-0.349 χ^2/NDF : 116.6/10

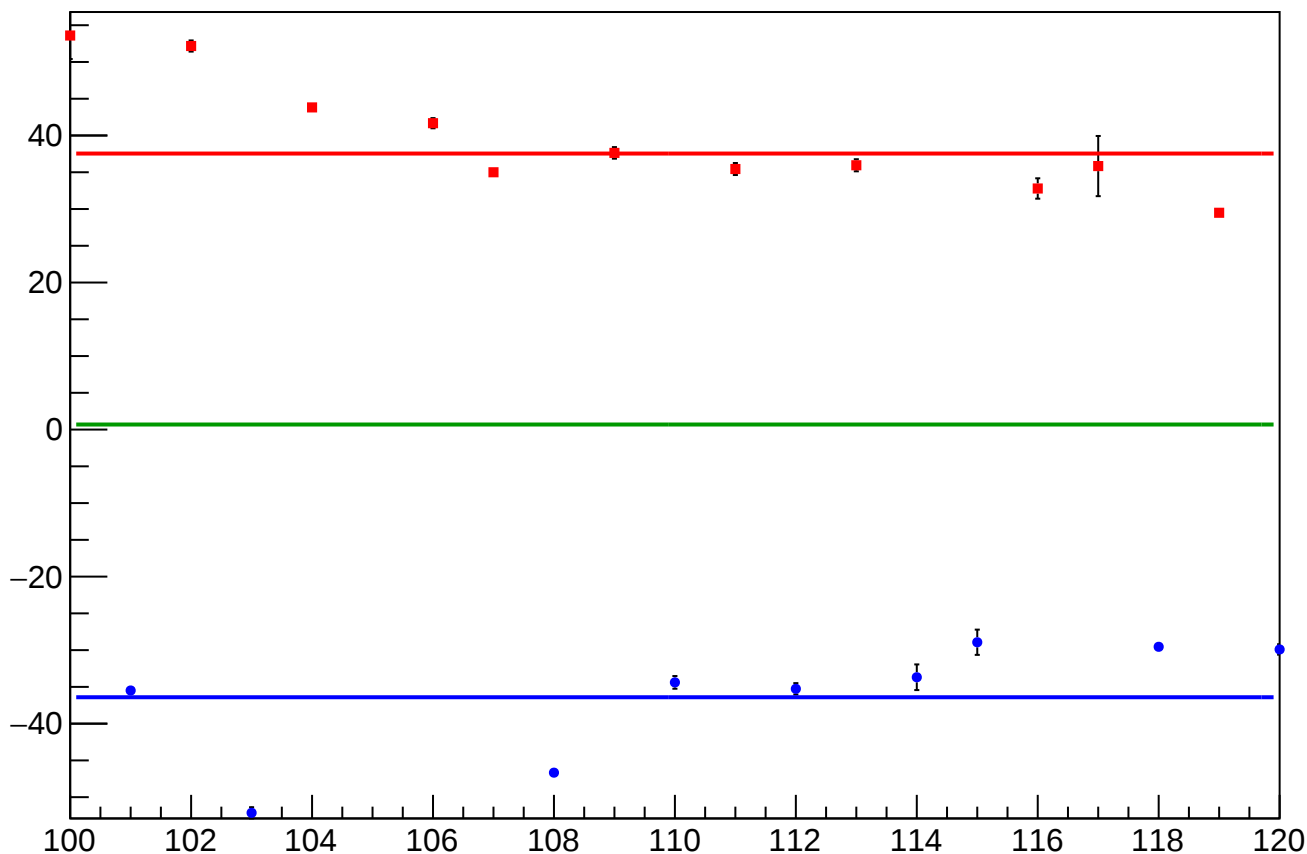
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-29.453+/-0.375 χ^2/NDF : 74.7/8

2.284+/-0.255 χ^2/NDF : 13587.3/19

29.766+/-0.349 χ^2/NDF : 116.6/10

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -36.408 ± 0.217 $\chi^2/\text{NDF}: 1039.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 37.545 ± 0.216 $\chi^2/\text{NDF}: 842.7/10$

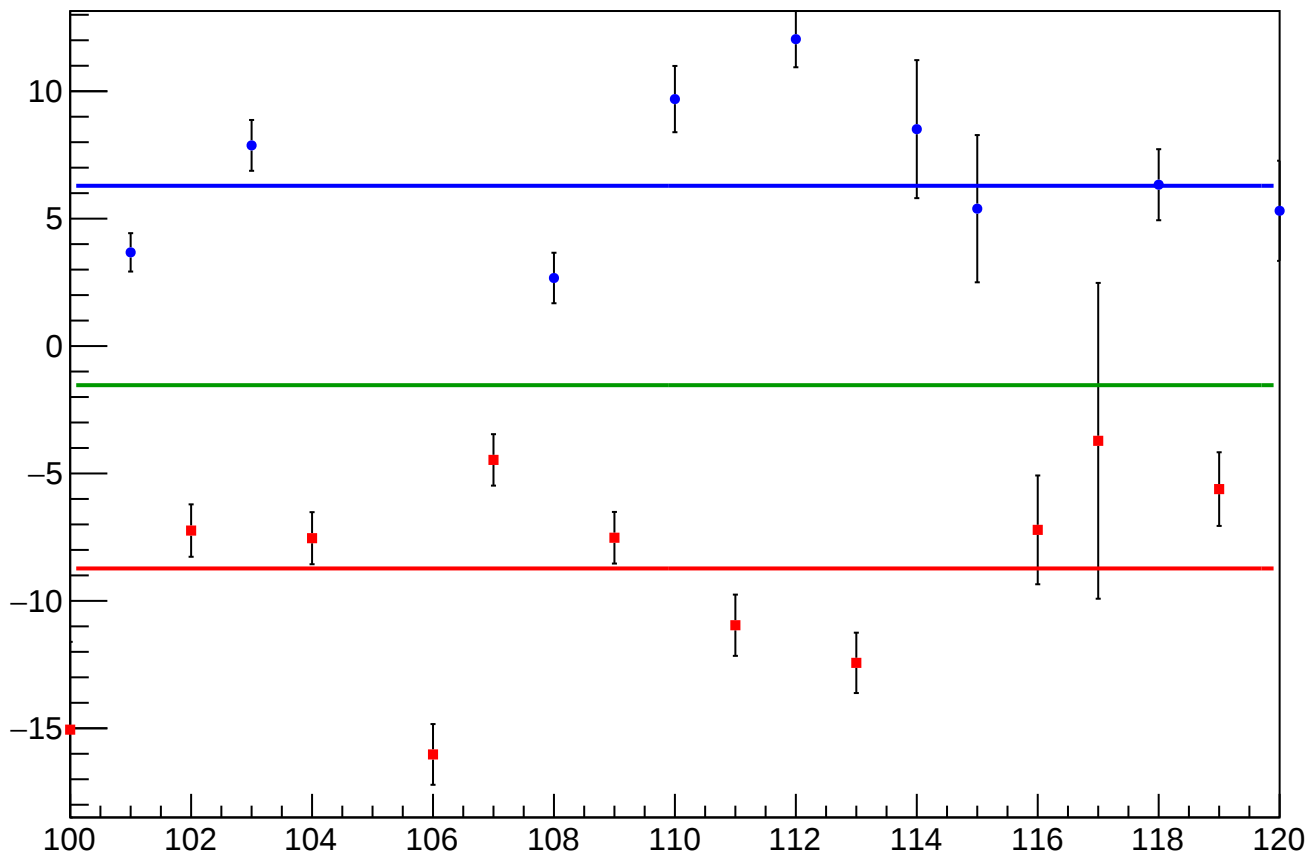
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-36.408 ± 0.217 $\chi^2/\text{NDF}: 1039.4/8$

0.688 ± 0.153 $\chi^2/\text{NDF}: 60355.8/19$

37.545 ± 0.216 $\chi^2/\text{NDF}: 842.7/10$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.290 $\pm$ 0.401 χ^2 /NDF: 63.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.728 $\pm$ 0.384 χ^2 /NDF: 82.6/10

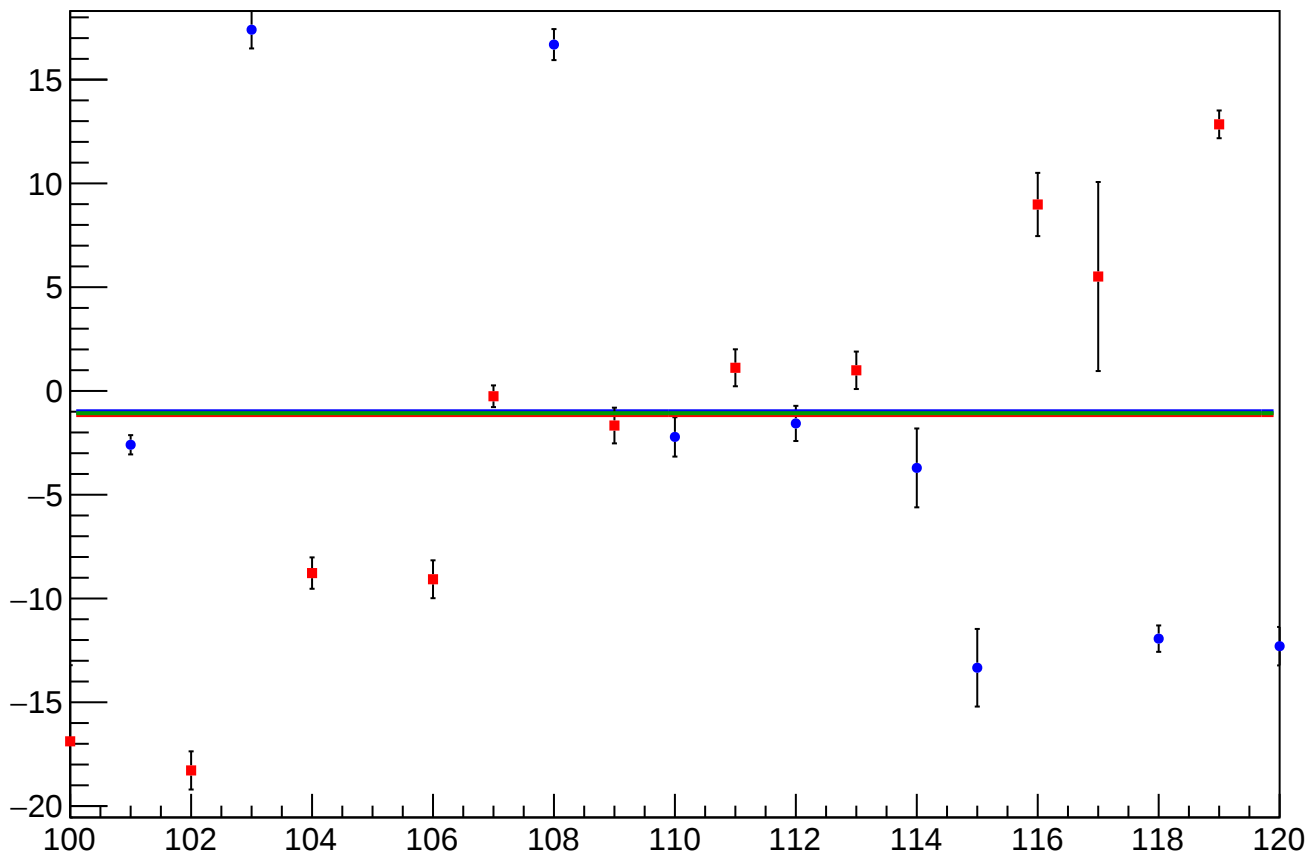
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.290 $\pm$ 0.401 χ^2 /NDF: 63.0/8

-1.535 $\pm$ 0.277 χ^2 /NDF: 877.5/19

-8.728 $\pm$ 0.384 χ^2 /NDF: 82.6/10

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.980 ± 0.264 χ^2/NDF : 1480.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.163 ± 0.263 χ^2/NDF : 1043.0/10

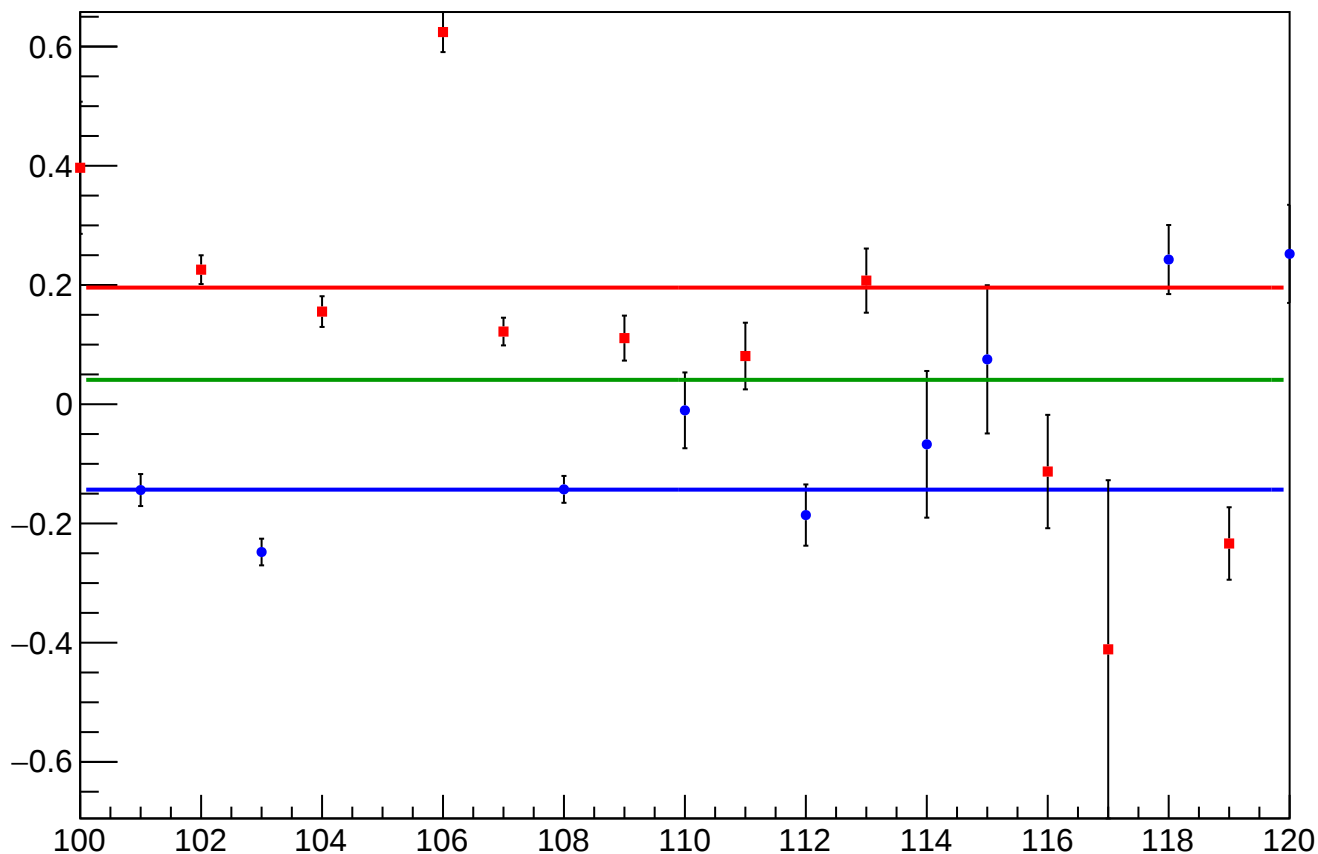
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.980 ± 0.264 χ^2/NDF : 1480.1/8

-1.072 ± 0.186 χ^2/NDF : 2523.3/19

-1.163 ± 0.263 χ^2/NDF : 1043.0/10

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.143 $\pm$ 0.012 χ^2/NDF : 97.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.196 $\pm$ 0.011 χ^2/NDF : 254.3/10

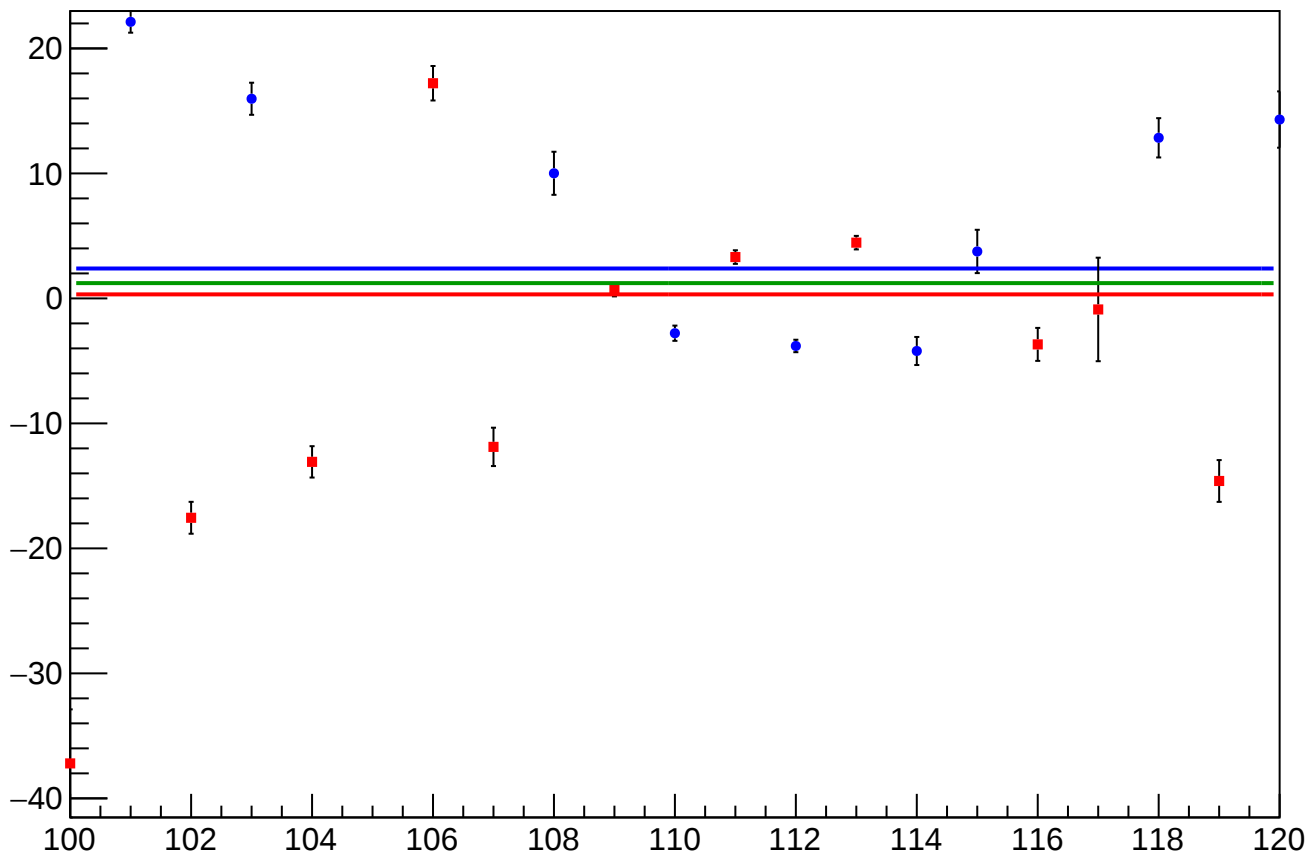
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-0.143 $\pm$ 0.012 χ^2/NDF : 97.9/8

0.041 $\pm$ 0.008 χ^2/NDF : 761.5/19

0.196 $\pm$ 0.011 χ^2/NDF : 254.3/10

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.393 ± 0.306 $\chi^2/\text{NDF}: 983.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.322 ± 0.268 $\chi^2/\text{NDF}: 776.5/10$

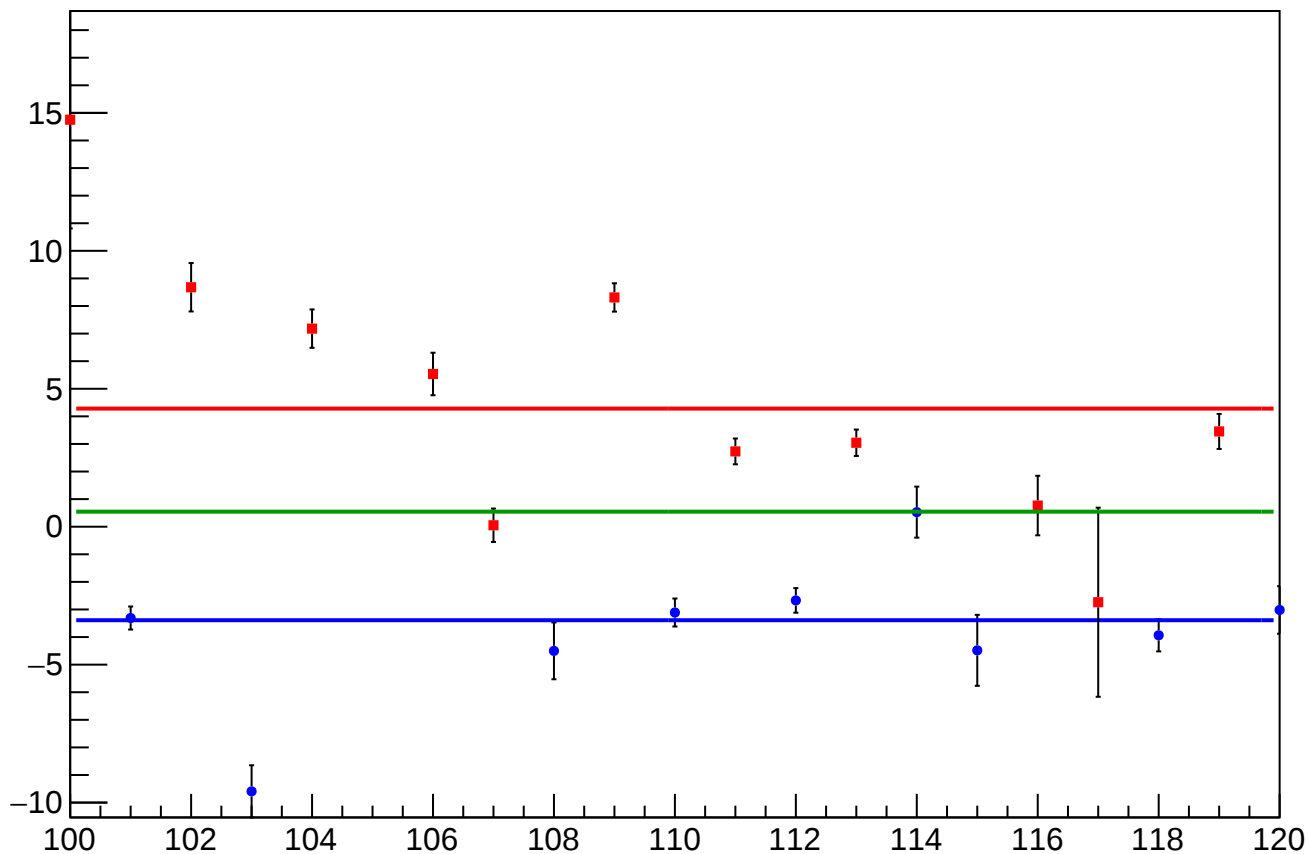
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

2.393 ± 0.306 $\chi^2/\text{NDF}: 983.3/8$

1.223 ± 0.202 $\chi^2/\text{NDF}: 1785.7/19$

0.322 ± 0.268 $\chi^2/\text{NDF}: 776.5/10$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.390 ± 0.210 χ^2/NDF : 66.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.282 ± 0.204 χ^2/NDF : 196.7/10

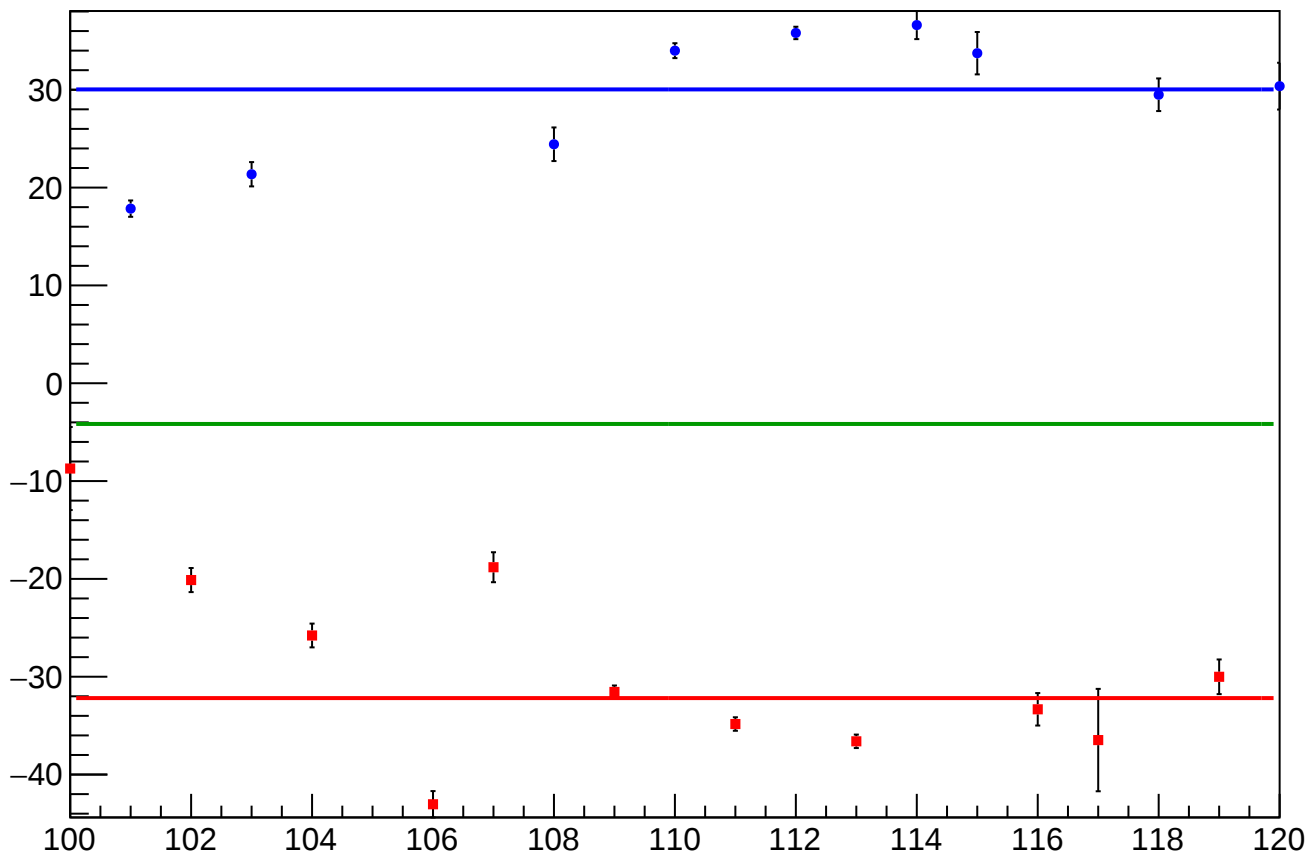
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.390 ± 0.210 χ^2/NDF : 66.8/8

0.545 ± 0.146 χ^2/NDF : 951.0/19

4.282 ± 0.204 χ^2/NDF : 196.7/10

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.035+/-0.357 χ^2/NDF : 405.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.185+/-0.323 χ^2/NDF : 354.9/10

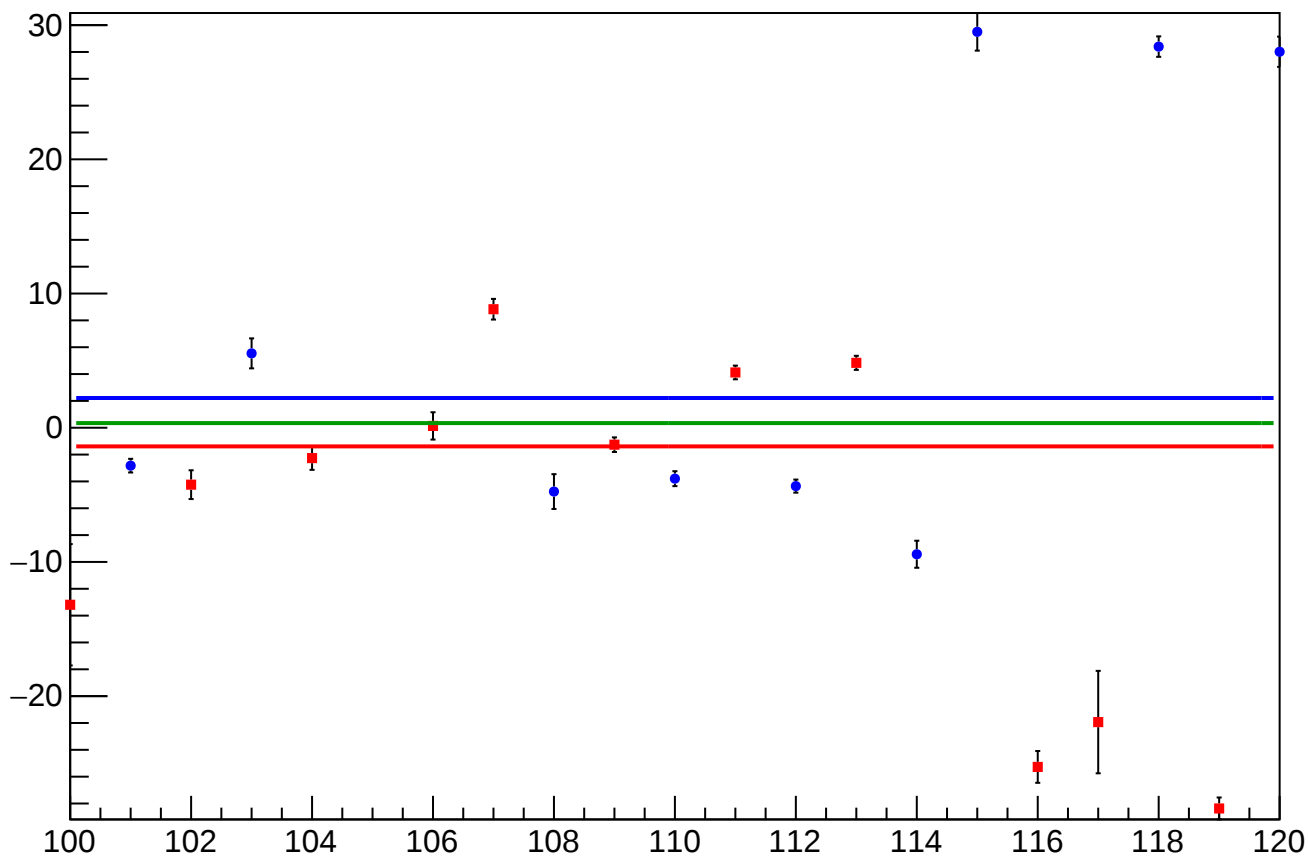
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.035+/-0.357 χ^2/NDF : 405.9/8

-4.163+/-0.239 χ^2/NDF : 17478.9/19

-32.185+/-0.323 χ^2/NDF : 354.9/10

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.216+/-0.245 χ^2/NDF : 2652.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.390+/-0.236 χ^2/NDF : 1972.2/10

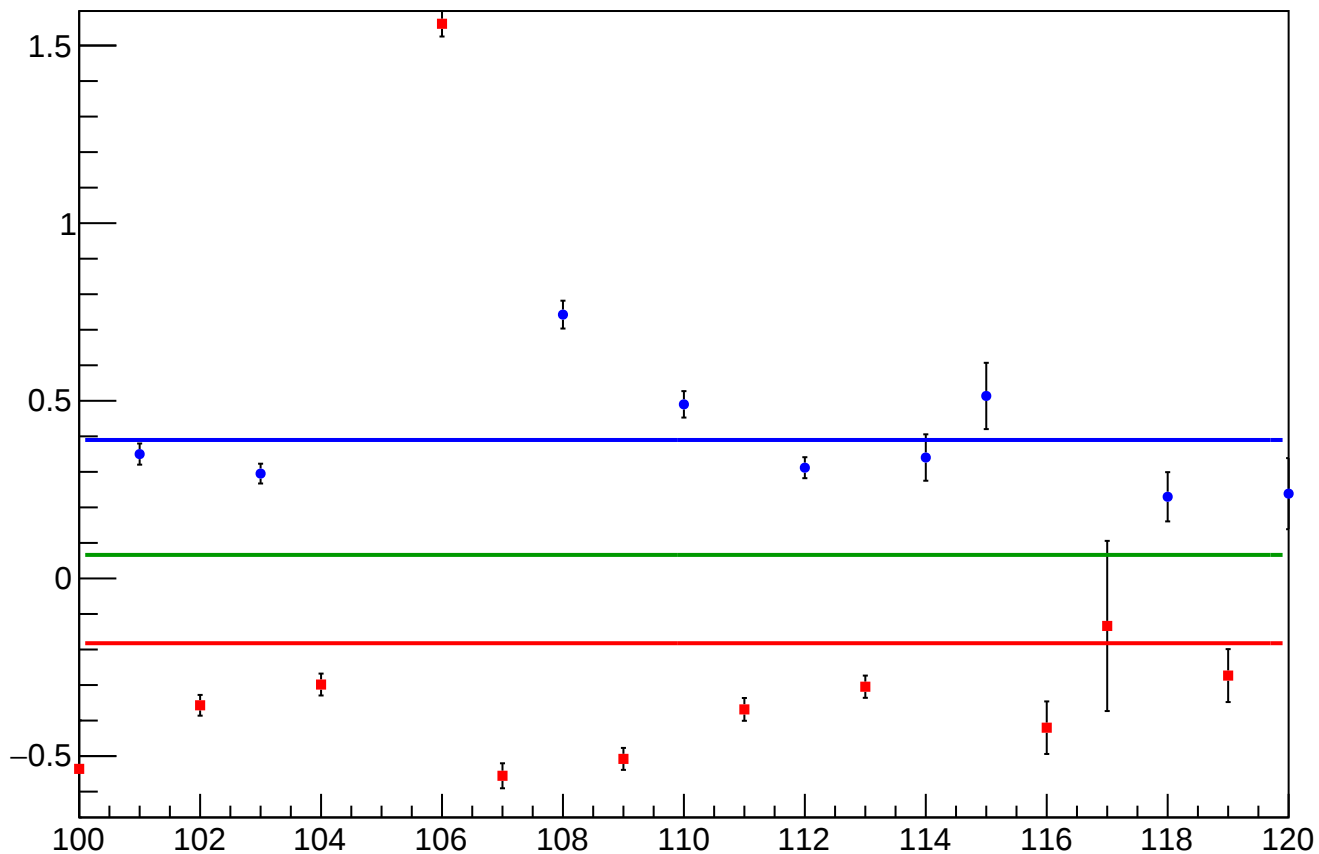
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.216+/-0.245 χ^2/NDF : 2652.2/8

0.346+/-0.170 χ^2/NDF : 4737.0/19

-1.390+/-0.236 χ^2/NDF : 1972.2/10

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.390+/-0.013 χ^2/NDF : 118.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.182+/-0.012 χ^2/NDF : 2700.8/10

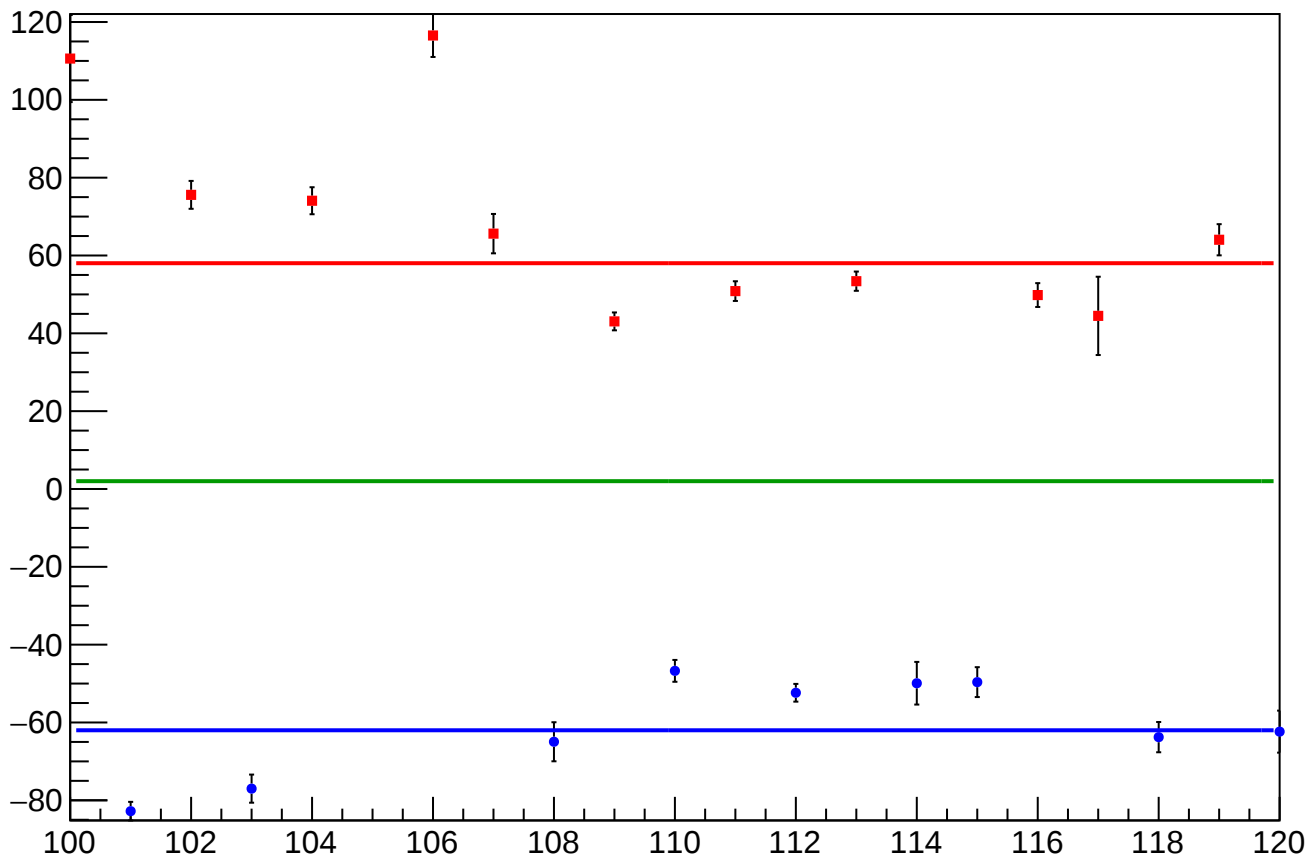
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.390+/-0.013 χ^2/NDF : 118.5/8

0.066+/-0.009 χ^2/NDF : 3854.9/19

-0.182+/-0.012 χ^2/NDF : 2700.8/10

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -62.003 $\pm$ 1.109 χ^2 /NDF: 156.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.019 $\pm$ 1.038 χ^2 /NDF: 247.3/10

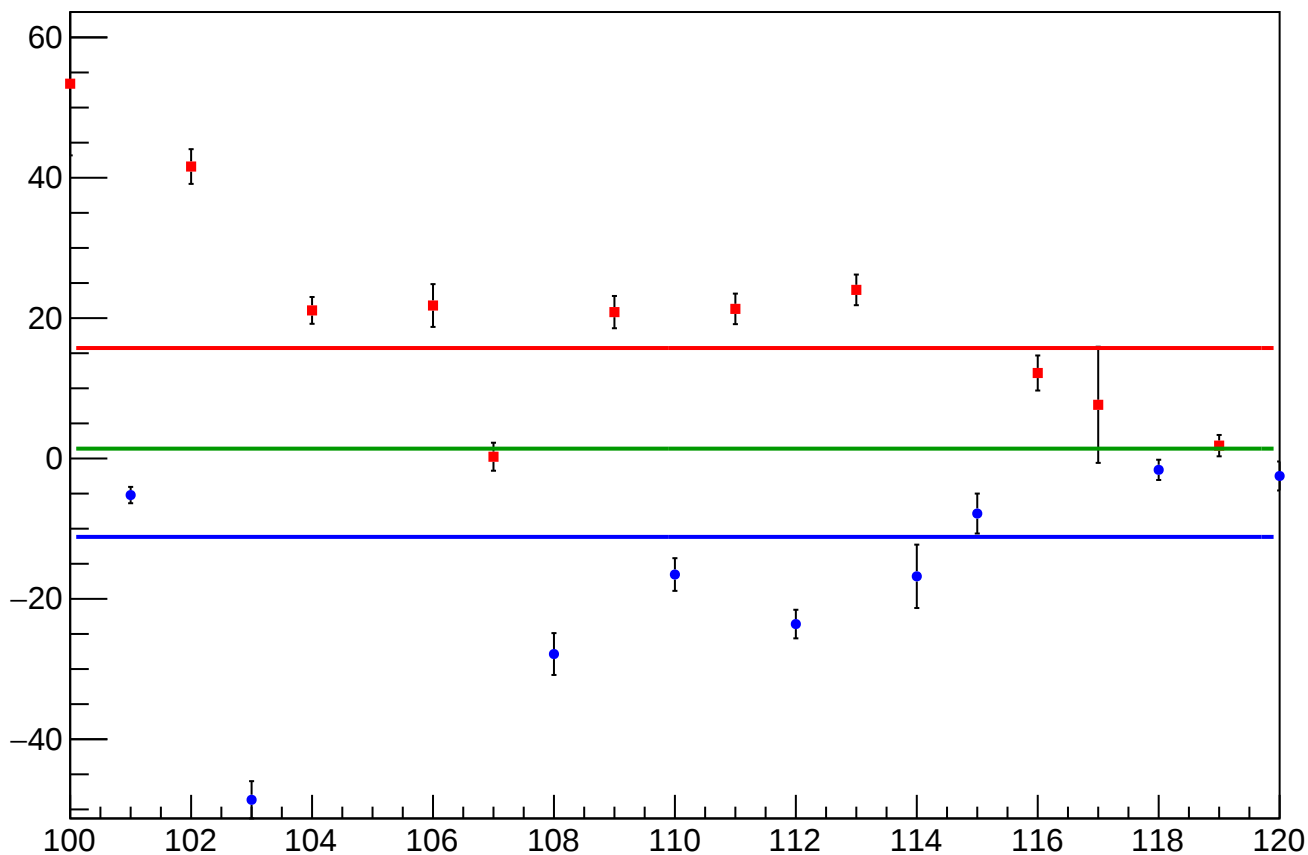
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-62.003 $\pm$ 1.109 χ^2 /NDF: 156.2/8

2.009 $\pm$ 0.758 χ^2 /NDF: 6647.2/19

58.019 $\pm$ 1.038 χ^2 /NDF: 247.3/10

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.170 ± 0.659 χ^2/NDF : 363.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.740 ± 0.703 χ^2/NDF : 307.4/10

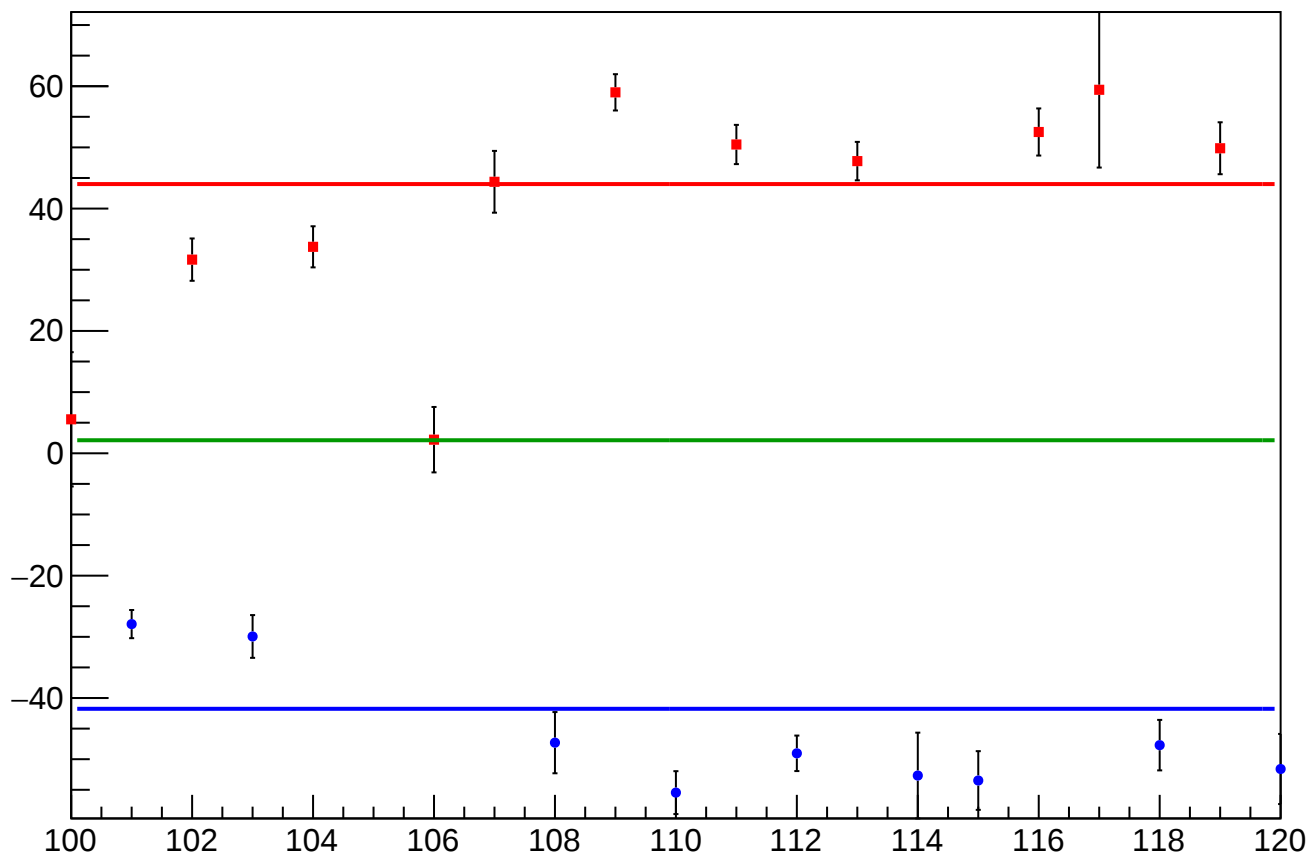
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-11.170 ± 0.659 χ^2/NDF : 363.3/8

1.405 ± 0.481 χ^2/NDF : 1451.0/19

15.740 ± 0.703 χ^2/NDF : 307.4/10

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.762 ± 1.227 $\chi^2/\text{NDF}: 83.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 44.006 ± 1.199 $\chi^2/\text{NDF}: 134.7/10$

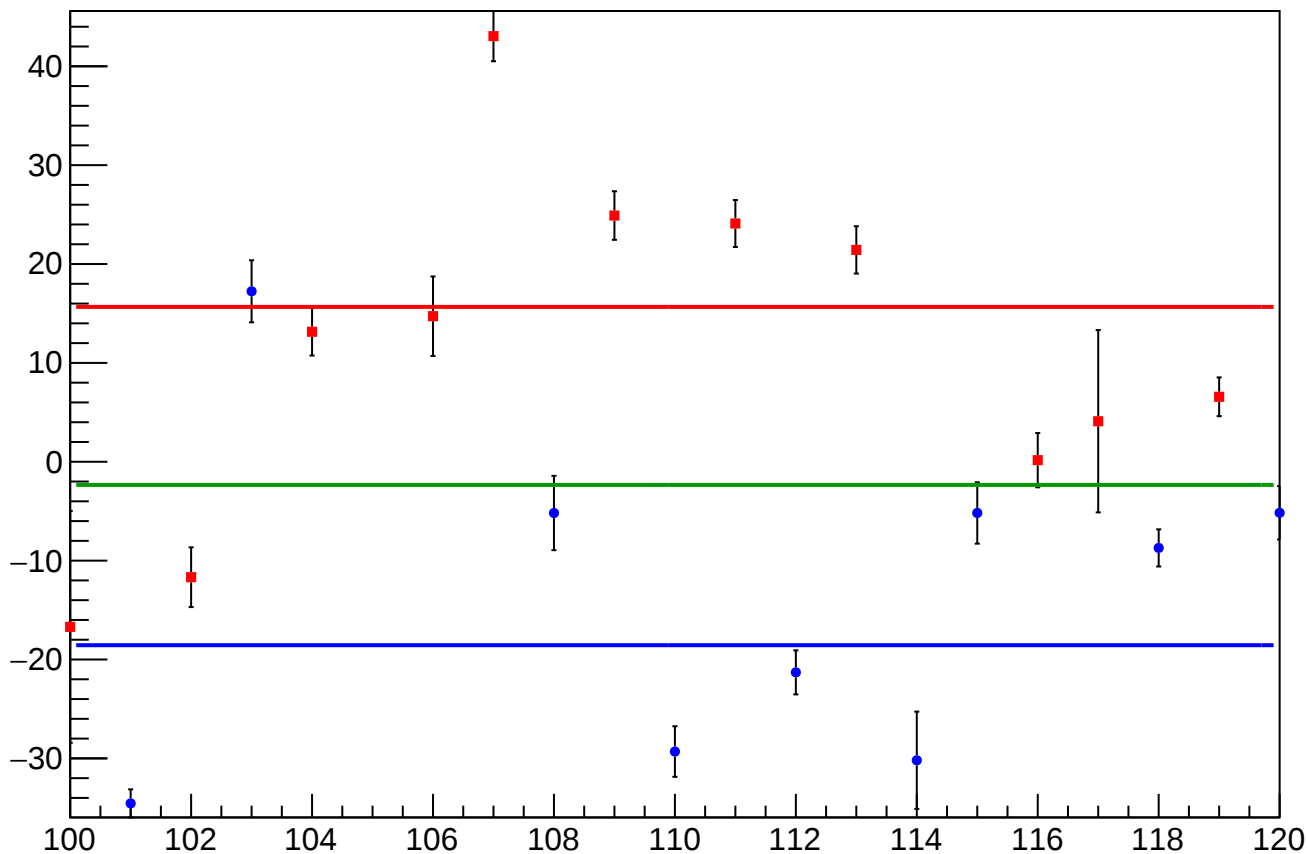
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-41.762 ± 1.227 $\chi^2/\text{NDF}: 83.8/8$

2.134 ± 0.858 $\chi^2/\text{NDF}: 2717.5/19$

44.006 ± 1.199 $\chi^2/\text{NDF}: 134.7/10$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.554 $\pm$ 0.794 χ^2 /NDF: 364.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.664 $\pm$ 0.837 χ^2 /NDF: 294.6/10

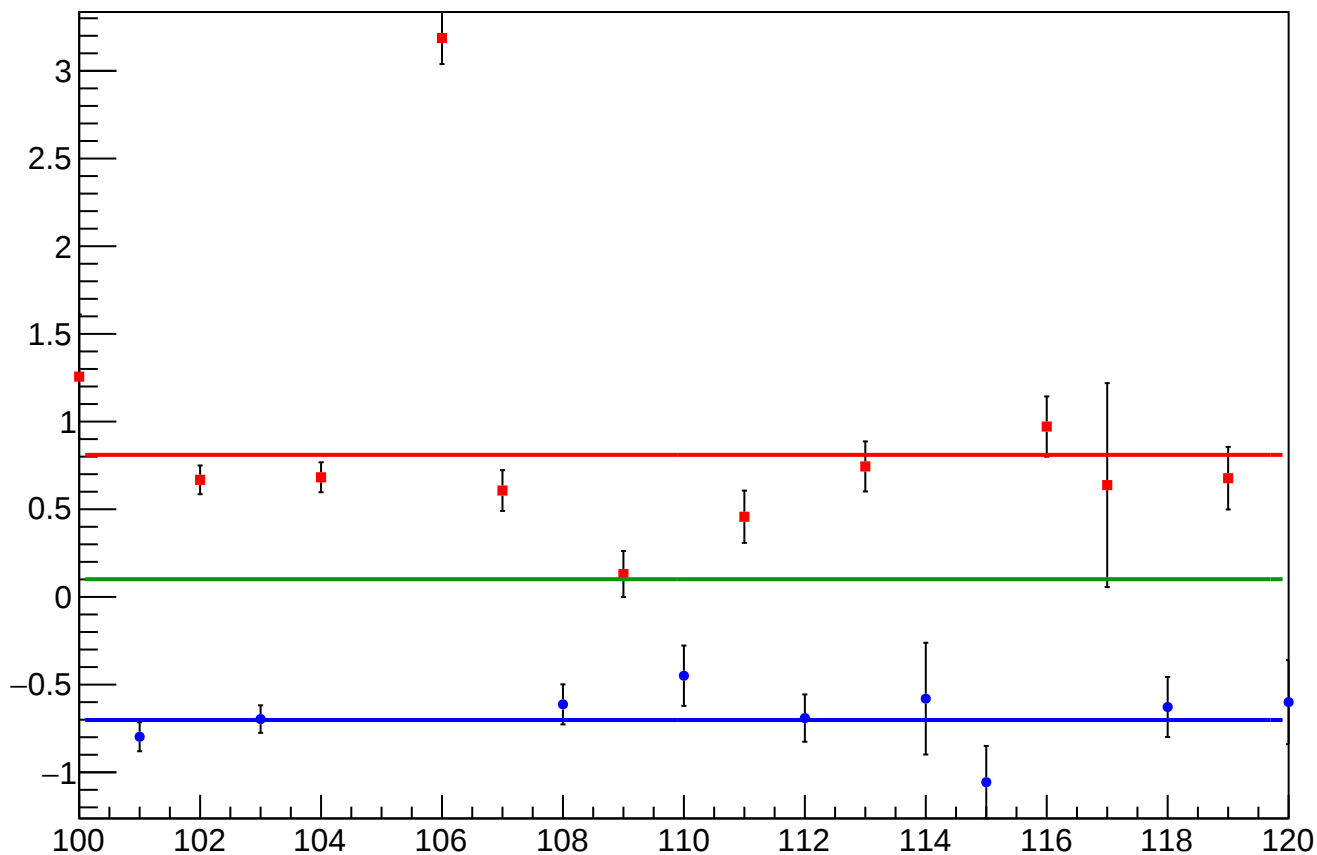
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-18.554 $\pm$ 0.794 χ^2 /NDF: 364.8/8

-2.341 $\pm$ 0.576 χ^2 /NDF: 1539.7/19

15.664 $\pm$ 0.837 χ^2 /NDF: 294.6/10

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.702 ± 0.042 χ^2/NDF : 7.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.810 ± 0.040 χ^2/NDF : 300.9/10

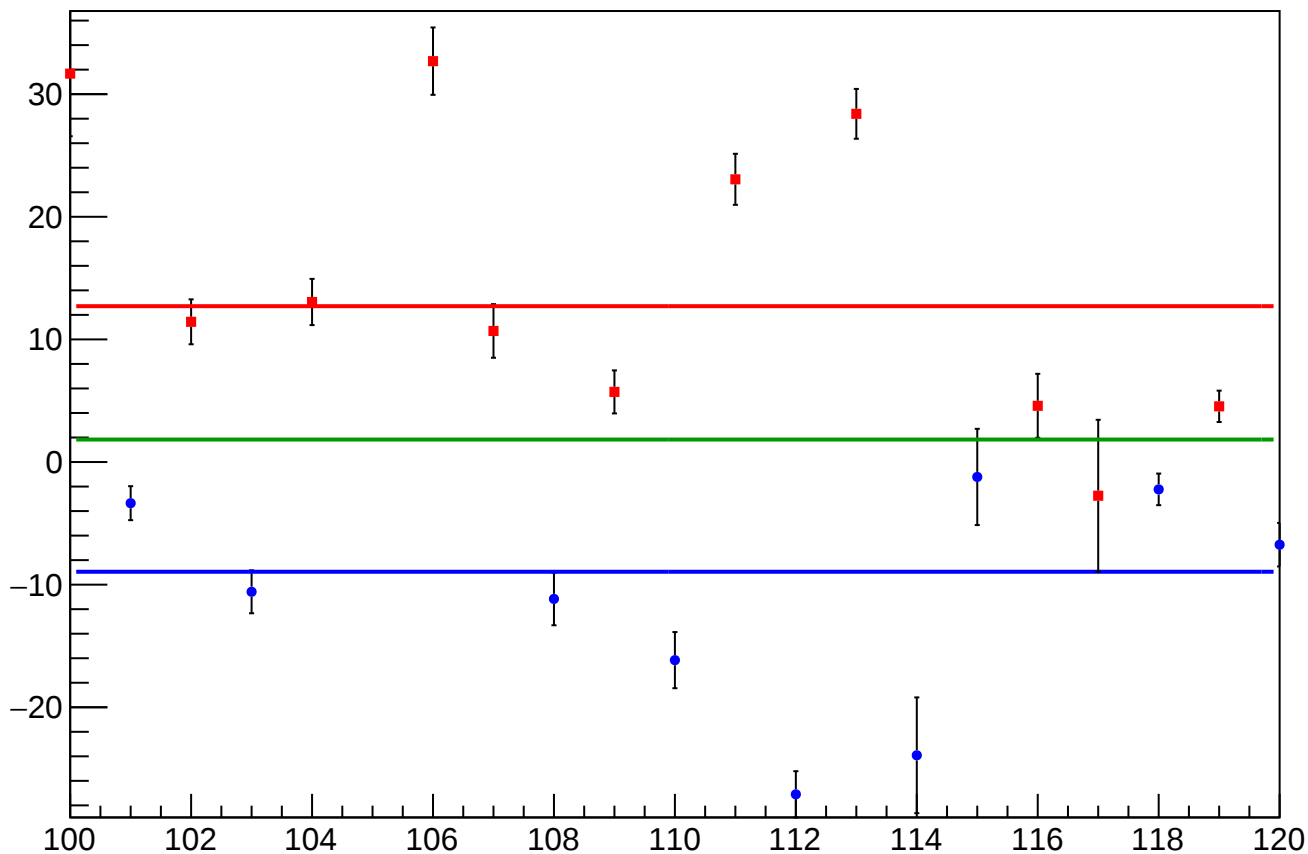
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.702 ± 0.042 χ^2/NDF : 7.6/8

0.101 ± 0.029 χ^2/NDF : 988.2/19

0.810 ± 0.040 χ^2/NDF : 300.9/10

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -8.947 ± 0.625 χ^2/NDF : 163.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.709 ± 0.627 χ^2/NDF : 225.0/10

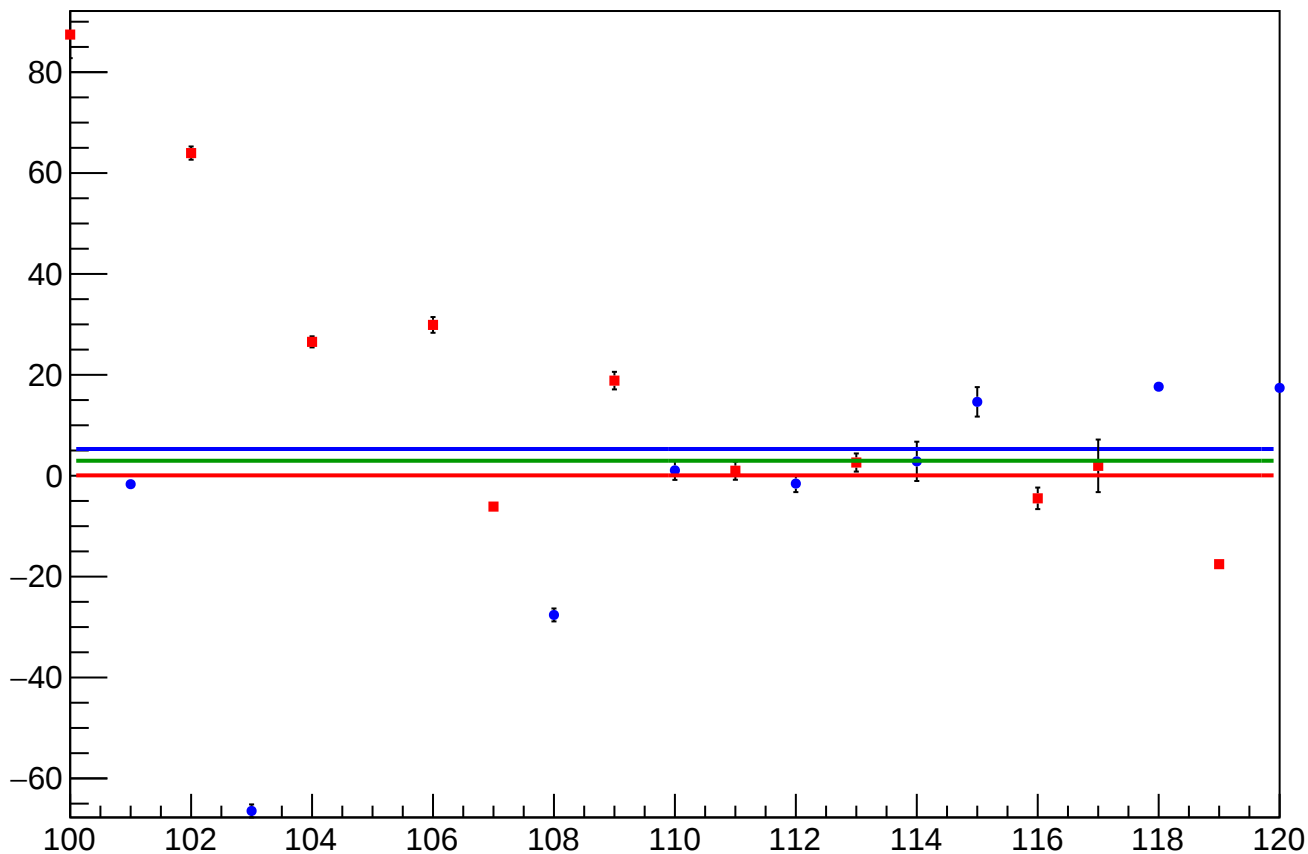
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-8.947 ± 0.625 χ^2/NDF : 163.3/8

1.835 ± 0.443 χ^2/NDF : 987.0/19

12.709 ± 0.627 χ^2/NDF : 225.0/10

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.299+/-0.307 χ^2/NDF : 4851.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.342 χ^2/NDF : 5139.6/10

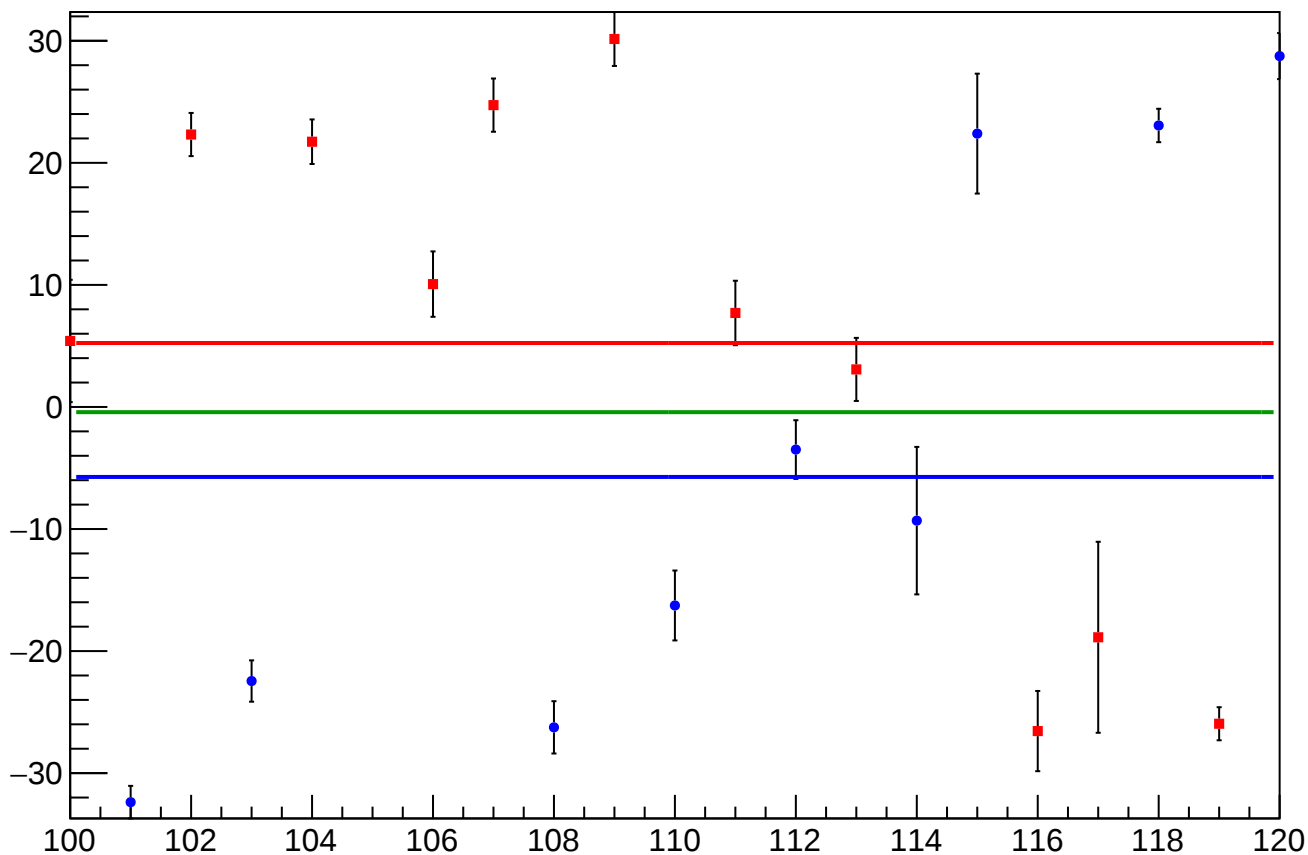
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.299+/-0.307 χ^2/NDF : 4851.8/8

2.969+/-0.229 χ^2/NDF : 10120.7/19

0.070+/-0.342 χ^2/NDF : 5139.6/10

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.733+/-0.658 χ^2/NDF : 1412.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.241+/-0.680 χ^2/NDF : 1019.3/10

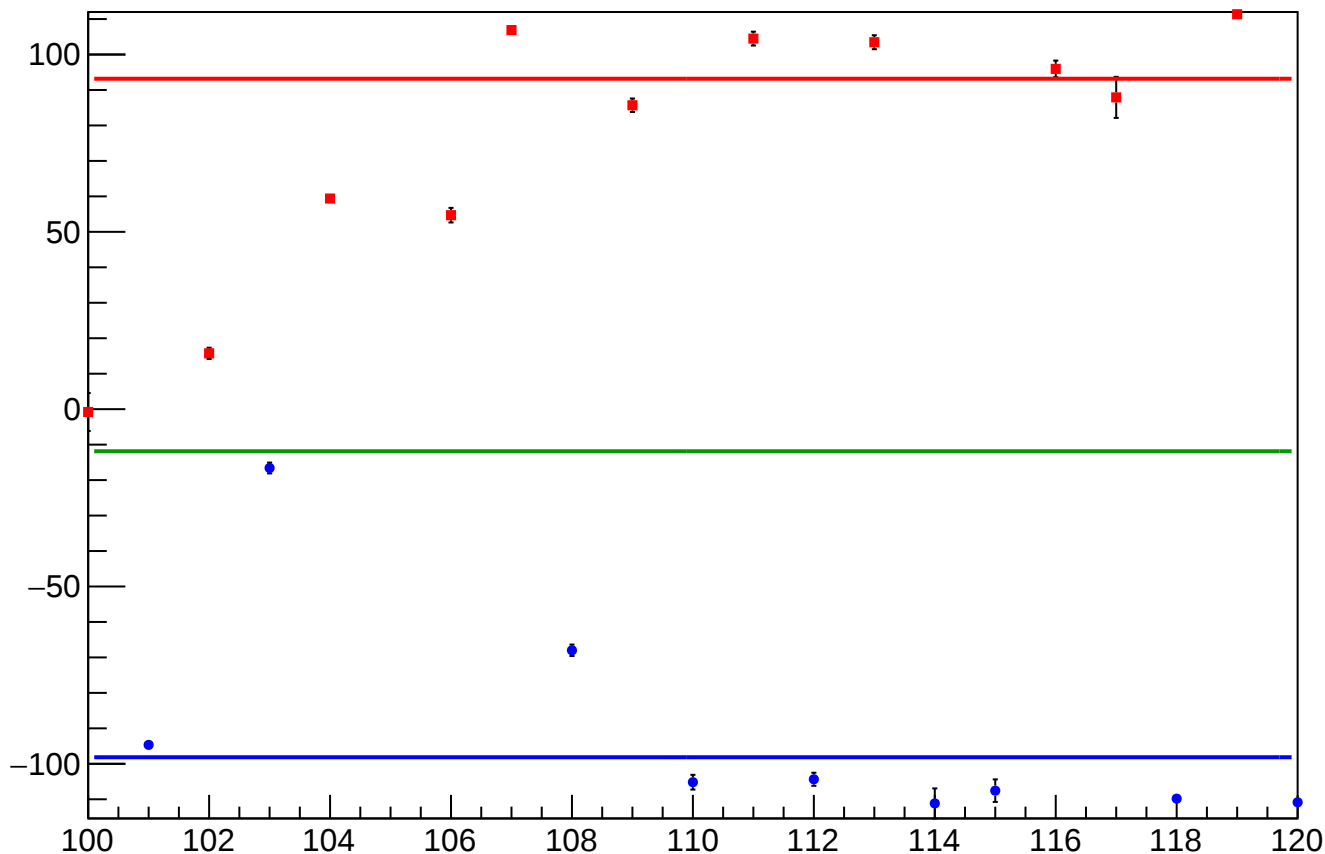
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.733+/-0.658 χ^2/NDF : 1412.6/8

-0.426+/-0.473 χ^2/NDF : 2566.3/19

5.241+/-0.680 χ^2/NDF : 1019.3/10

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.148 ± 0.386 $\chi^2/\text{NDF}: 3815.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 93.171 ± 0.425 $\chi^2/\text{NDF}: 4699.4/10$

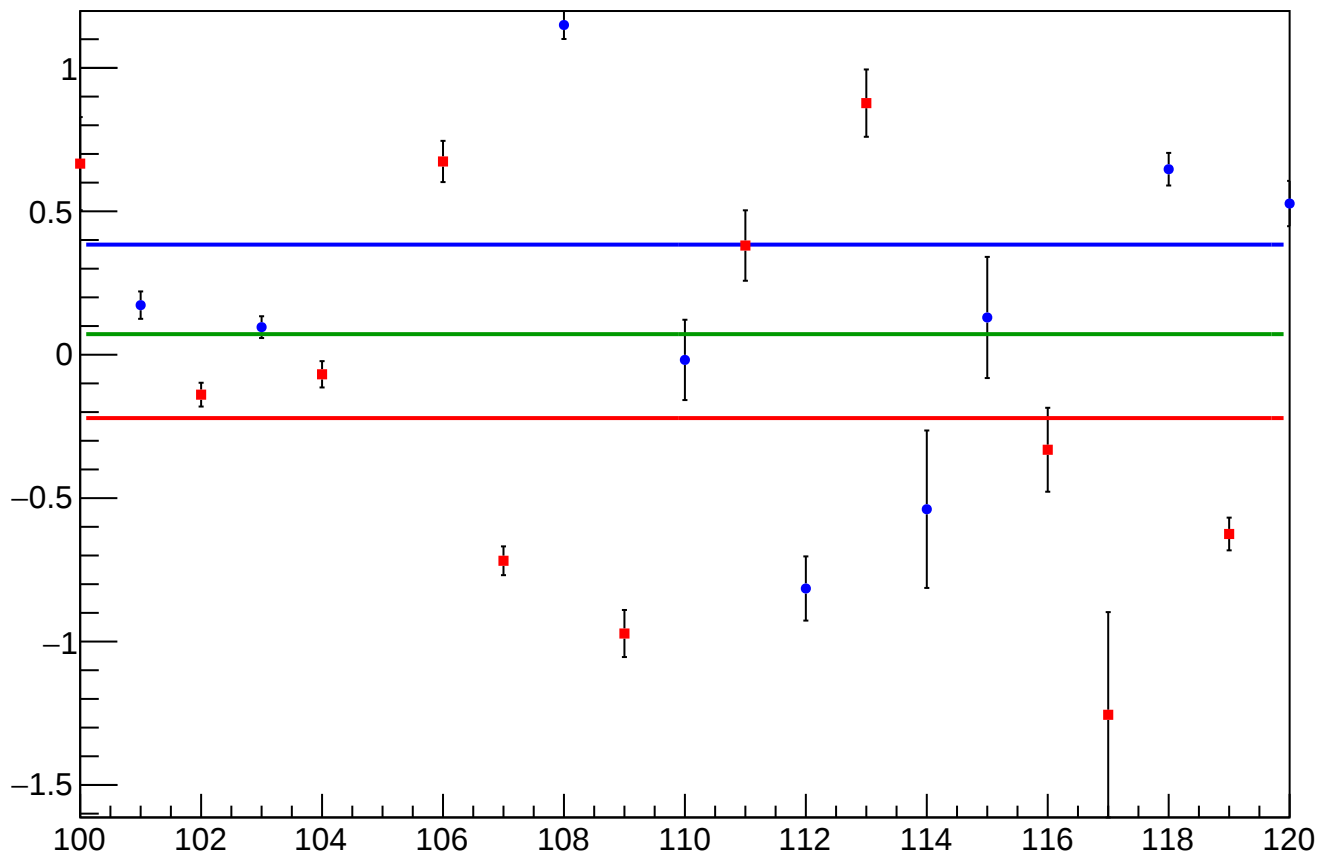
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-98.148 ± 0.386 $\chi^2/\text{NDF}: 3815.9/8$

-11.869 ± 0.286 $\chi^2/\text{NDF}: 119548.2/19$

93.171 ± 0.425 $\chi^2/\text{NDF}: 4699.4/10$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.384 $\pm$ 0.021 χ^2 /NDF: 484.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.221 $\pm$ 0.021 χ^2 /NDF: 552.7/10

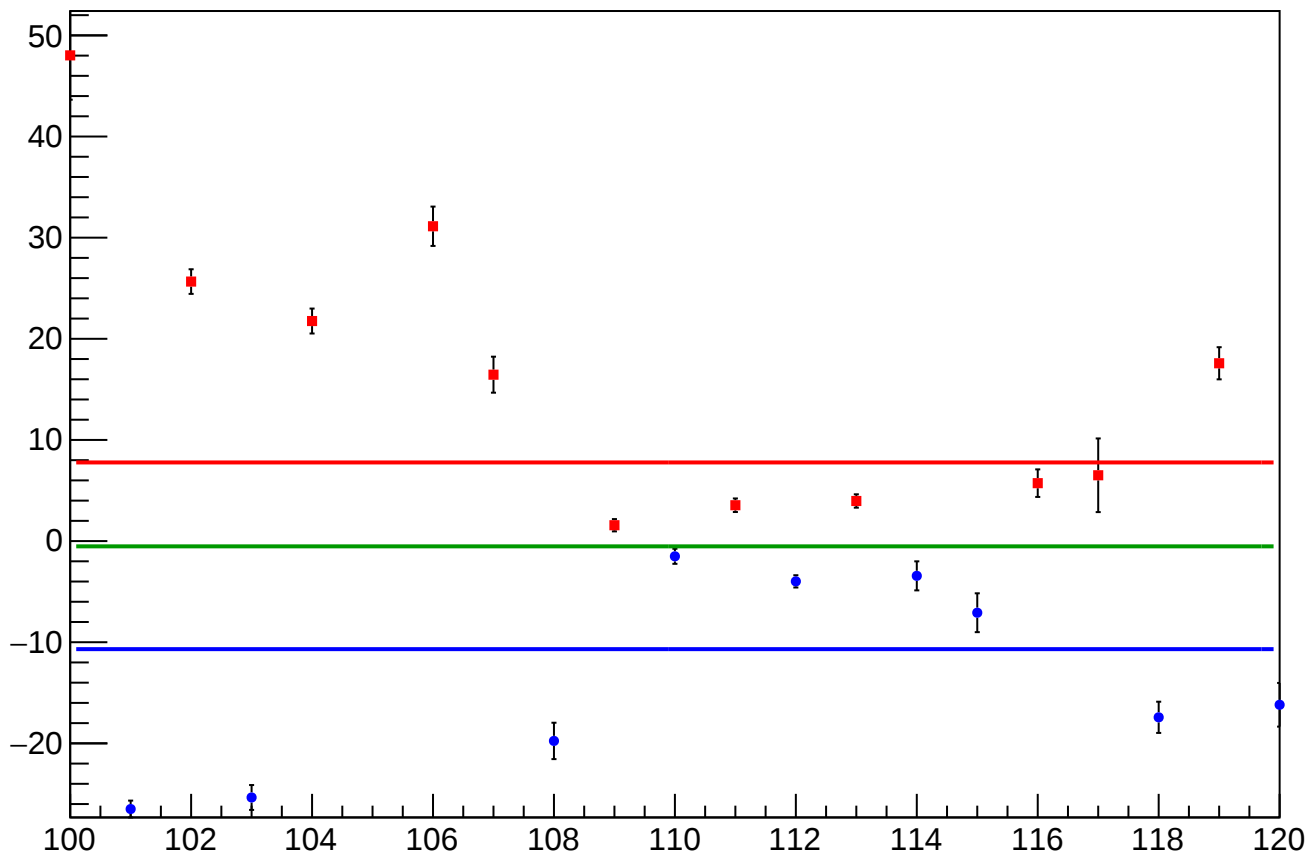
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.384 $\pm$ 0.021 χ^2 /NDF: 484.0/8

0.072 $\pm$ 0.015 χ^2 /NDF: 1449.9/19

-0.221 $\pm$ 0.021 χ^2 /NDF: 552.7/10

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -10.684 ± 0.347 χ^2/NDF : 856.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.775 ± 0.313 χ^2/NDF : 814.4/10

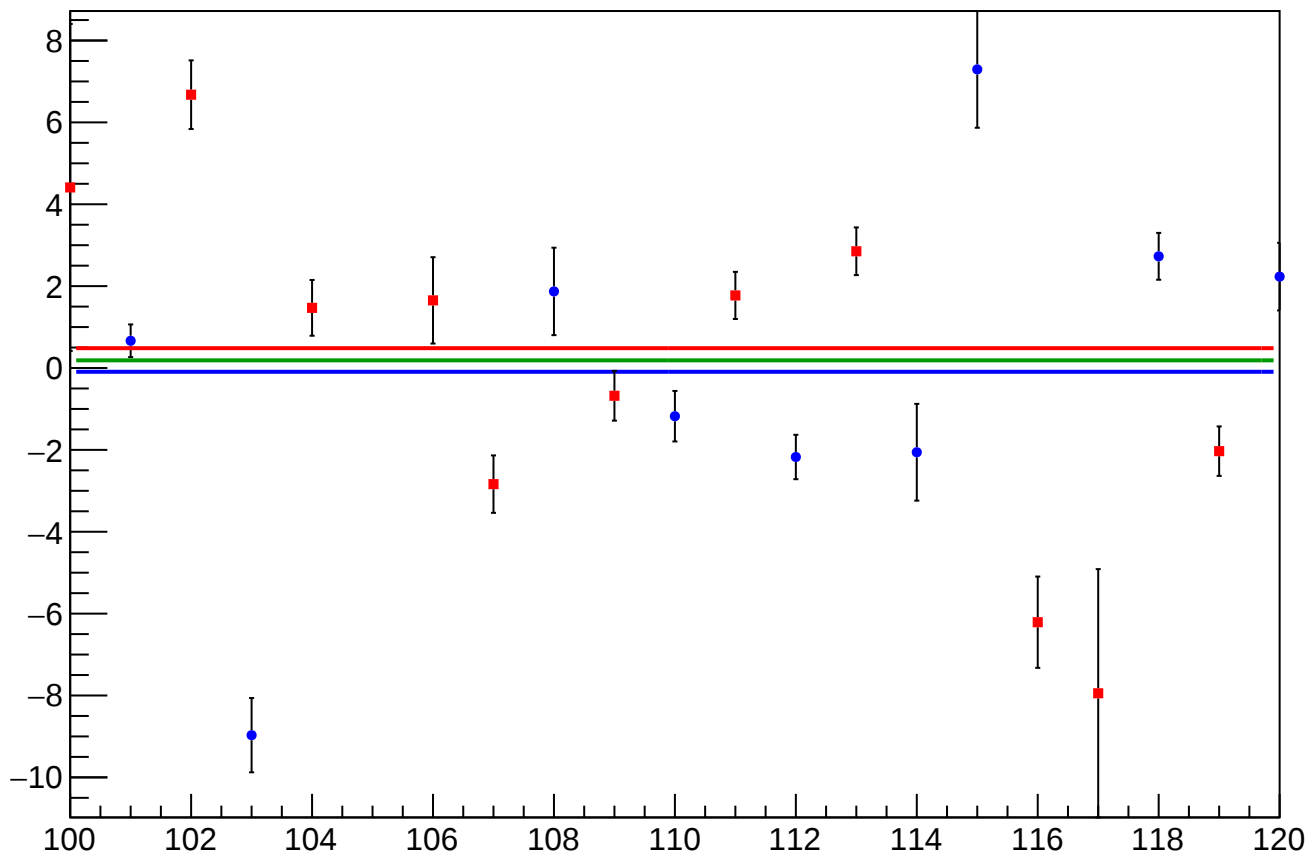
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-10.684 ± 0.347 χ^2/NDF : 856.6/8

-0.522 ± 0.232 χ^2/NDF : 3233.0/19

7.775 ± 0.313 χ^2/NDF : 814.4/10

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.092+/-0.223 χ^2 /NDF: 182.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.484+/-0.230 χ^2 /NDF: 167.5/10

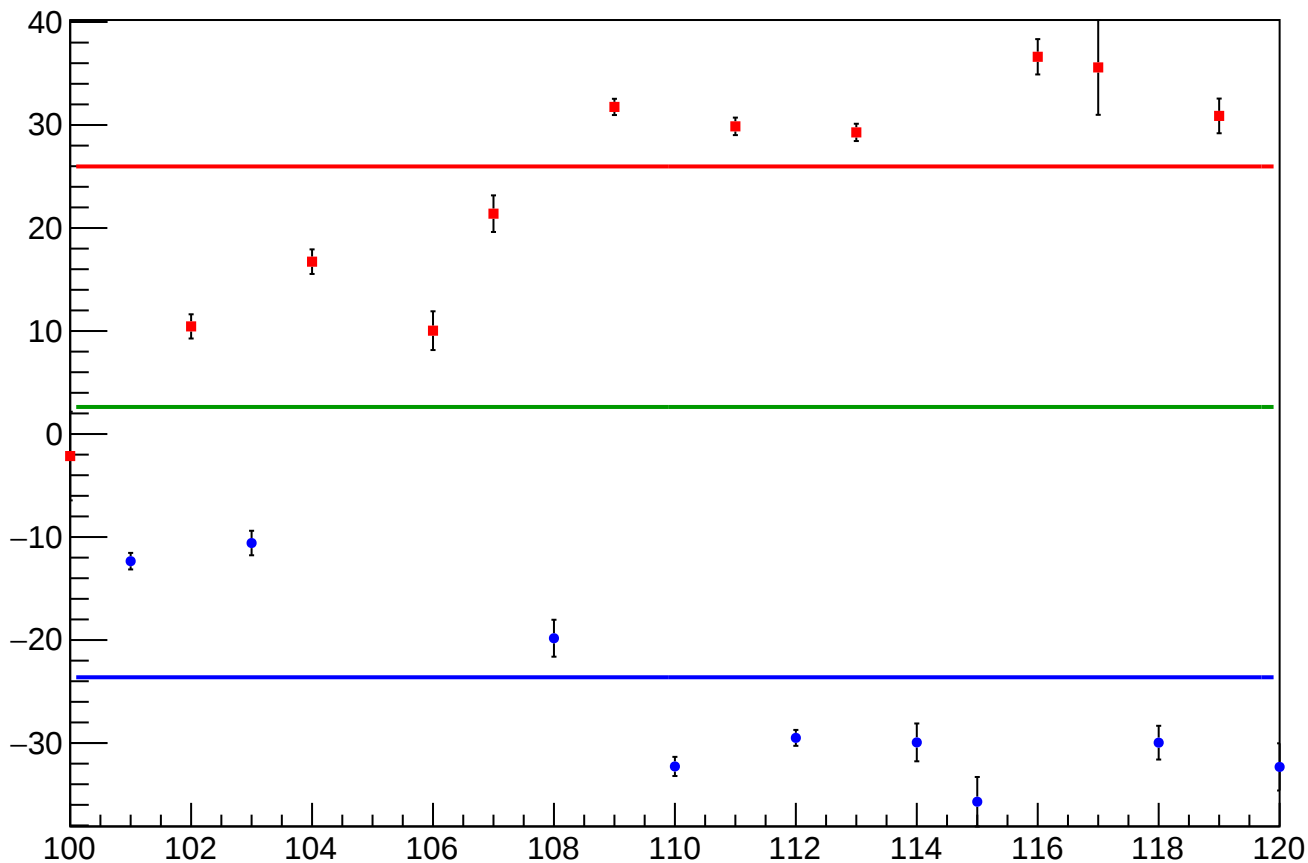
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.092+/-0.223 χ^2 /NDF: 182.3/8

0.187+/-0.160 χ^2 /NDF: 353.1/19

0.484+/-0.230 χ^2 /NDF: 167.5/10

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.615 $\pm$ 0.394 χ^2 /NDF: 533.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.976 $\pm$ 0.372 χ^2 /NDF: 497.4/10

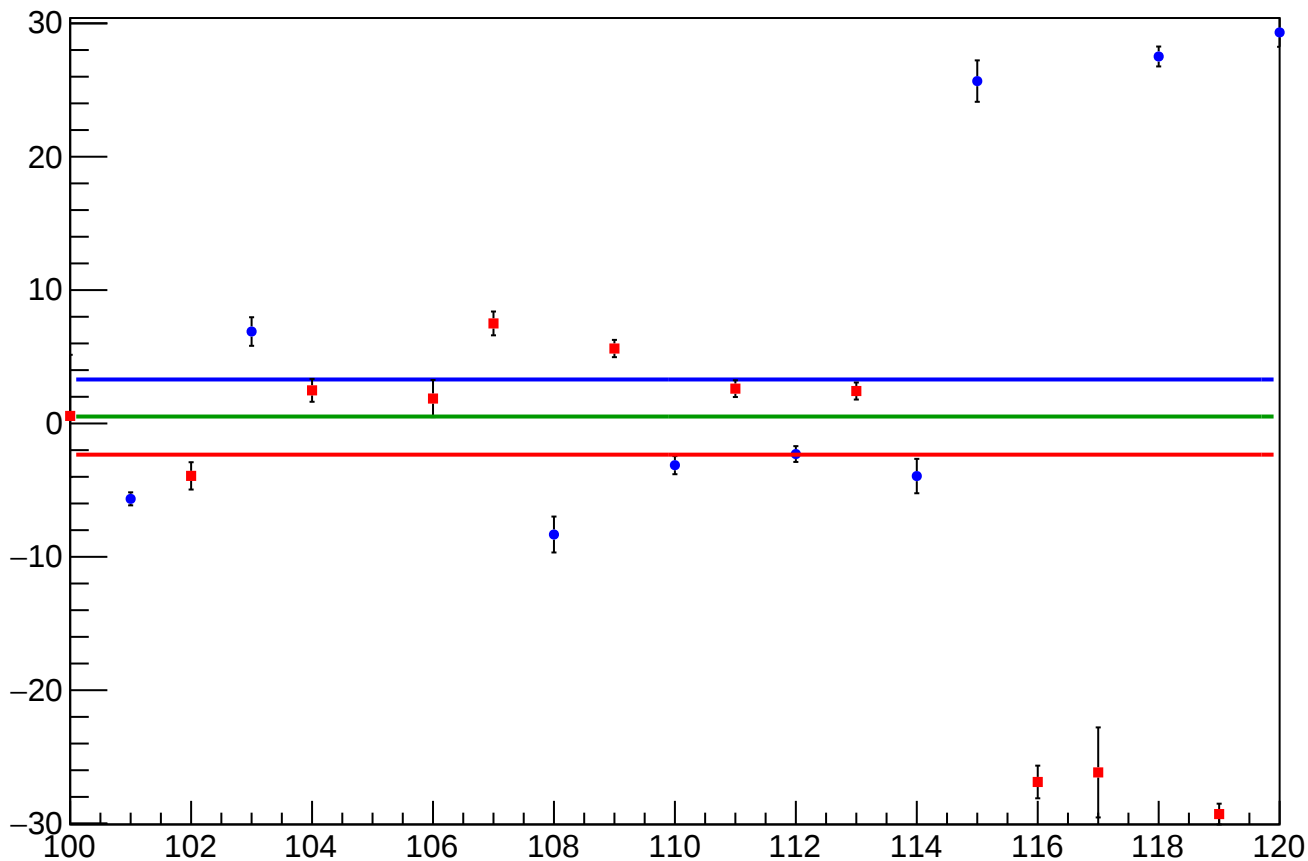
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-23.615 $\pm$ 0.394 χ^2 /NDF: 533.2/8

2.628 $\pm$ 0.270 χ^2 /NDF: 9409.8/19

25.976 $\pm$ 0.372 χ^2 /NDF: 497.4/10

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.297+/-0.264 χ^2/NDF : 2474.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.339+/-0.268 χ^2/NDF : 2083.5/10

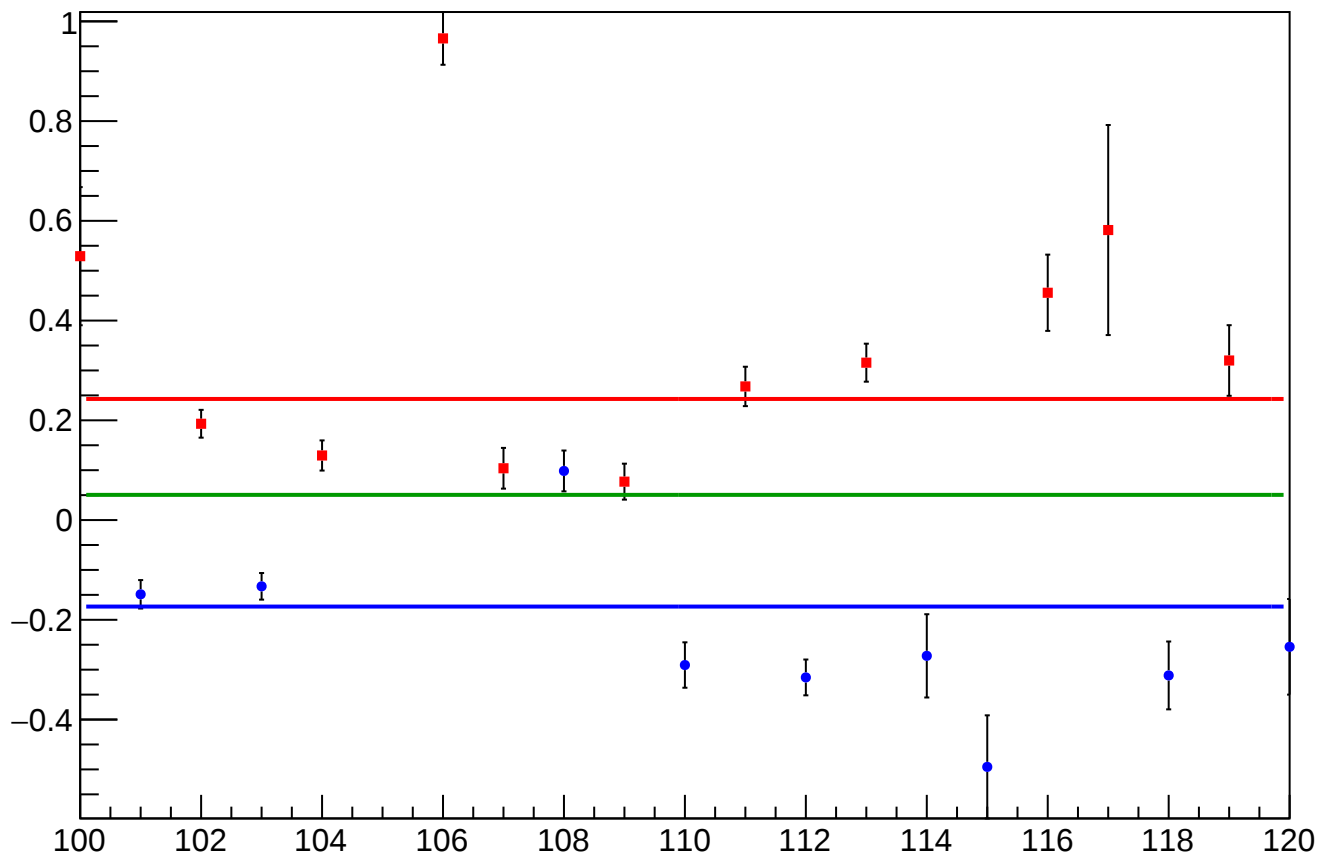
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.297+/-0.264 χ^2/NDF : 2474.6/8

0.520+/-0.188 χ^2/NDF : 4782.2/19

-2.339+/-0.268 χ^2/NDF : 2083.5/10

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.014 $\chi^2/\text{NDF}: 85.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.243 ± 0.013 $\chi^2/\text{NDF}: 256.7/10$

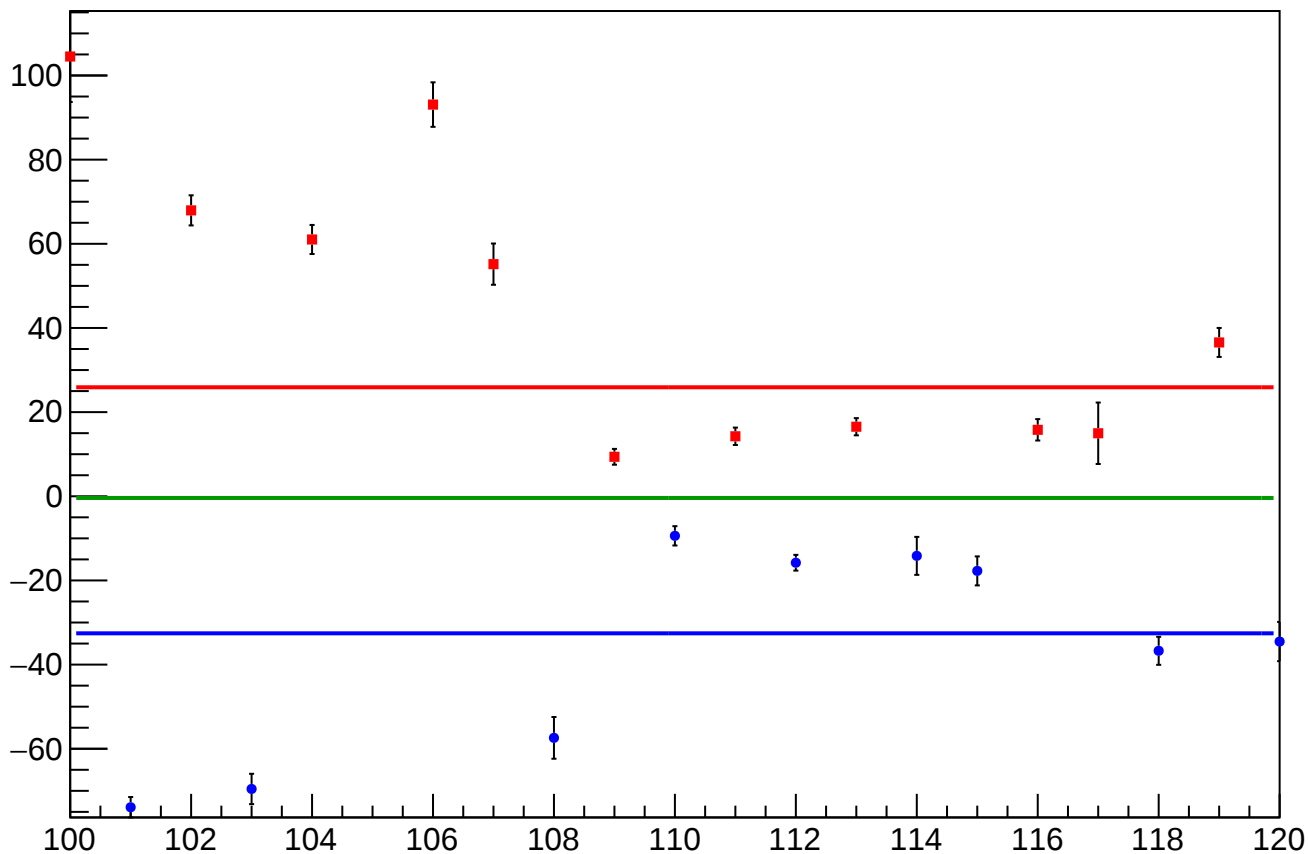
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.173 ± 0.014 $\chi^2/\text{NDF}: 85.4/8$

0.051 ± 0.010 $\chi^2/\text{NDF}: 813.1/19$

0.243 ± 0.013 $\chi^2/\text{NDF}: 256.7/10$

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.566 $\pm$ 0.984 χ^2 /NDF: 639.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.906 $\pm$ 0.890 χ^2 /NDF: 649.2/10

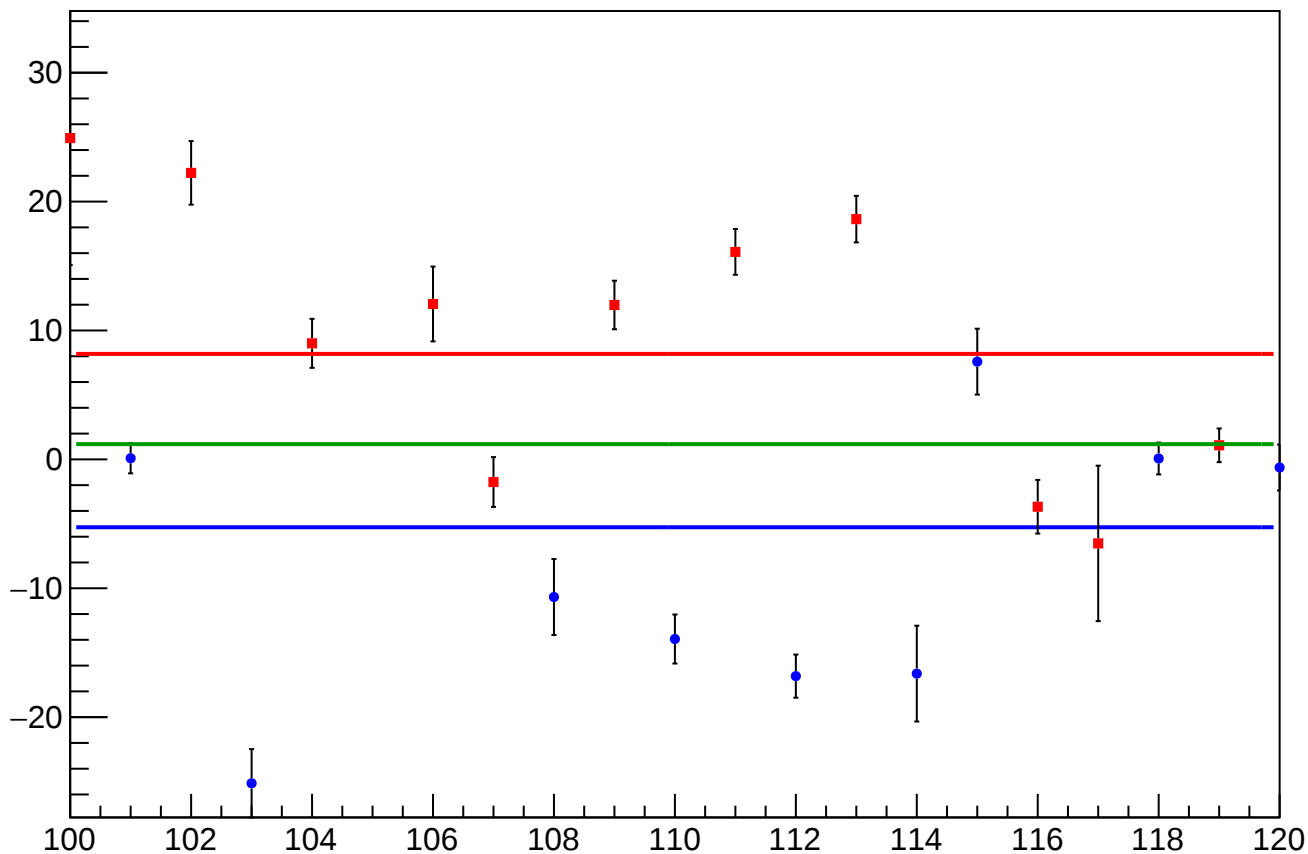
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-32.566 $\pm$ 0.984 χ^2 /NDF: 639.7/8

-0.400 $\pm$ 0.660 χ^2 /NDF: 3230.4/19

25.906 $\pm$ 0.890 χ^2 /NDF: 649.2/10

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.267+/-0.597 χ^2 /NDF: 208.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 8.184+/-0.622 χ^2 /NDF: 189.0/10

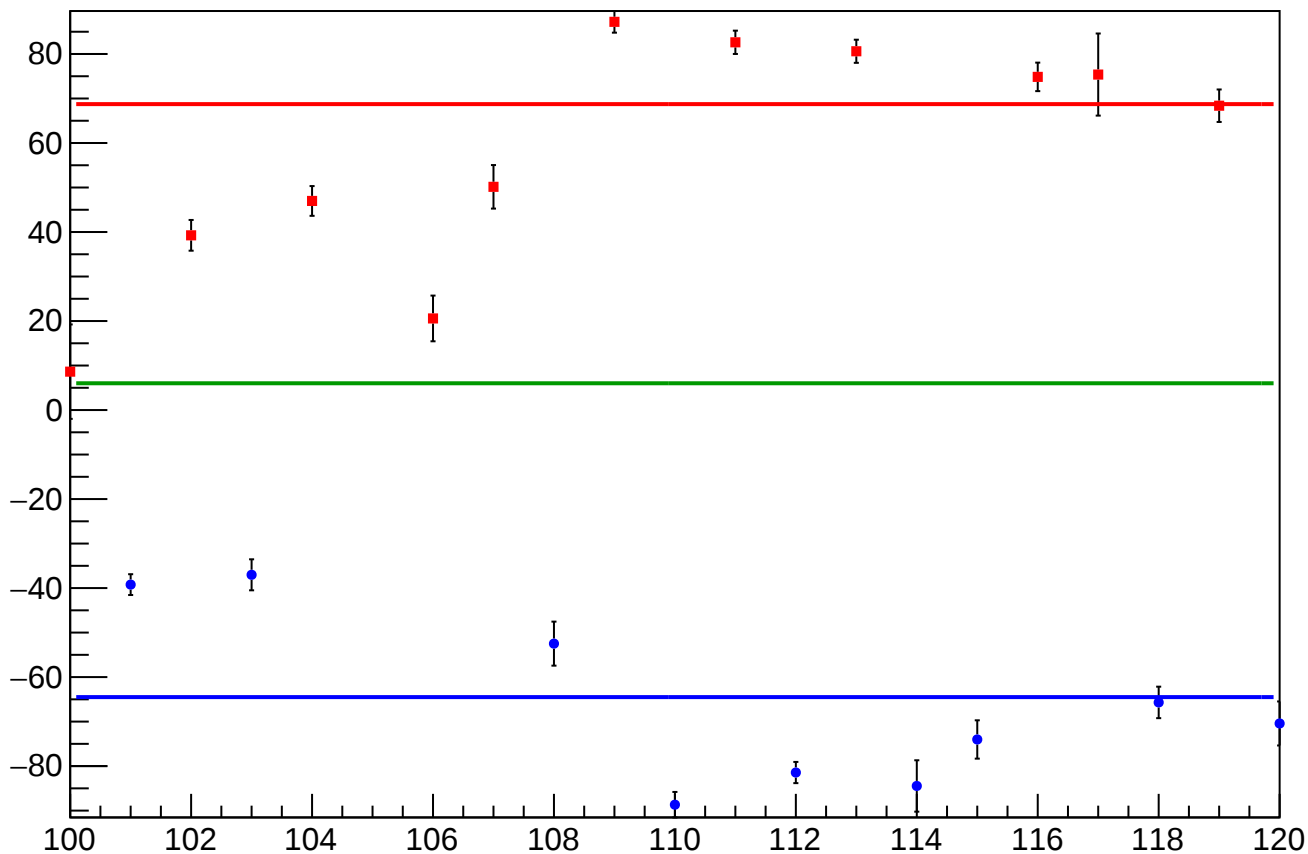
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5.267+/-0.597 χ^2 /NDF: 208.7/8

1.181+/-0.431 χ^2 /NDF: 641.4/19

8.184+/-0.622 χ^2 /NDF: 189.0/10

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.497+/-1.112 χ^2/NDF : 325.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.737+/-1.049 χ^2/NDF : 360.7/10

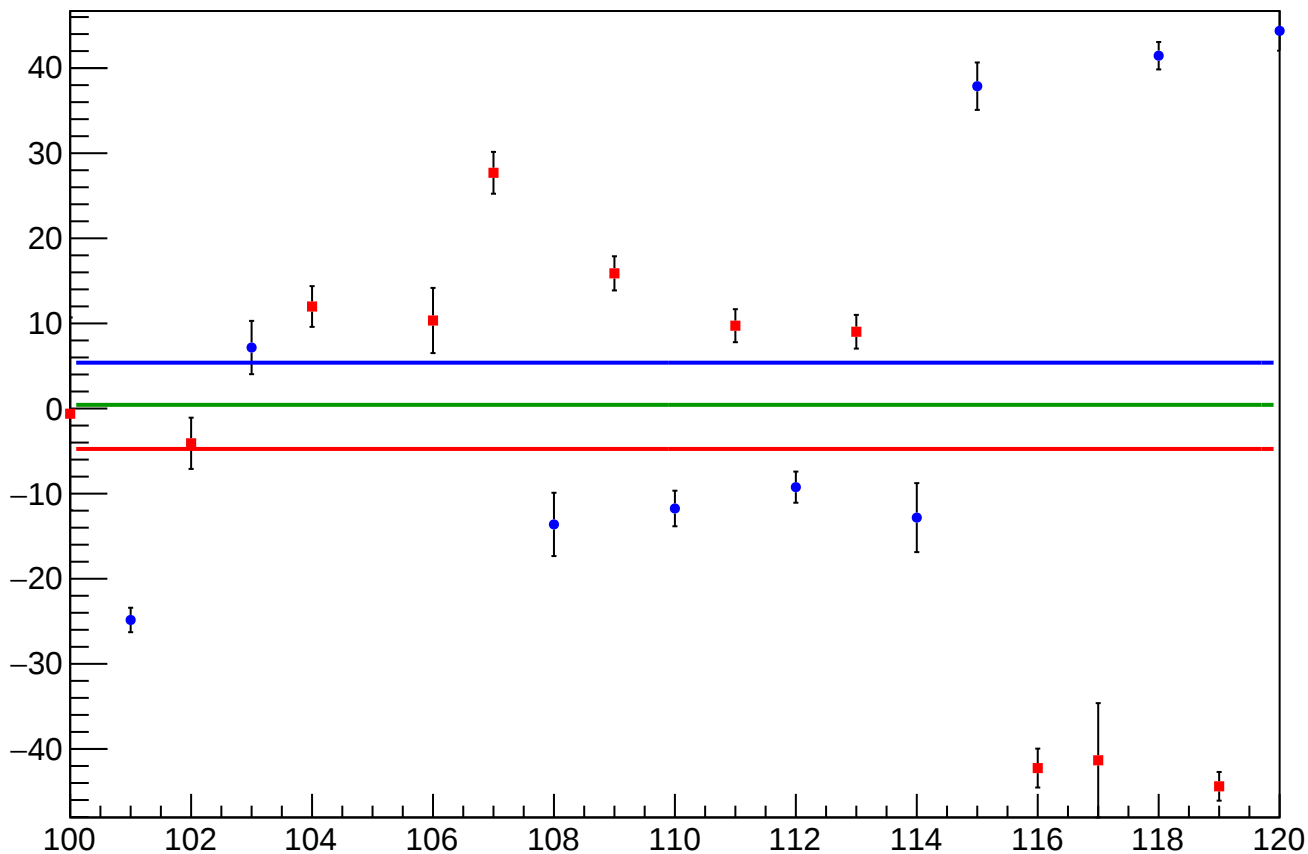
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.497+/-1.112 χ^2/NDF : 325.1/8

6.016+/-0.763 χ^2/NDF : 8283.9/19

68.737+/-1.049 χ^2/NDF : 360.7/10

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.388+/-0.717 χ^2/NDF : 1537.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.749+/-0.733 χ^2/NDF : 1299.8/10

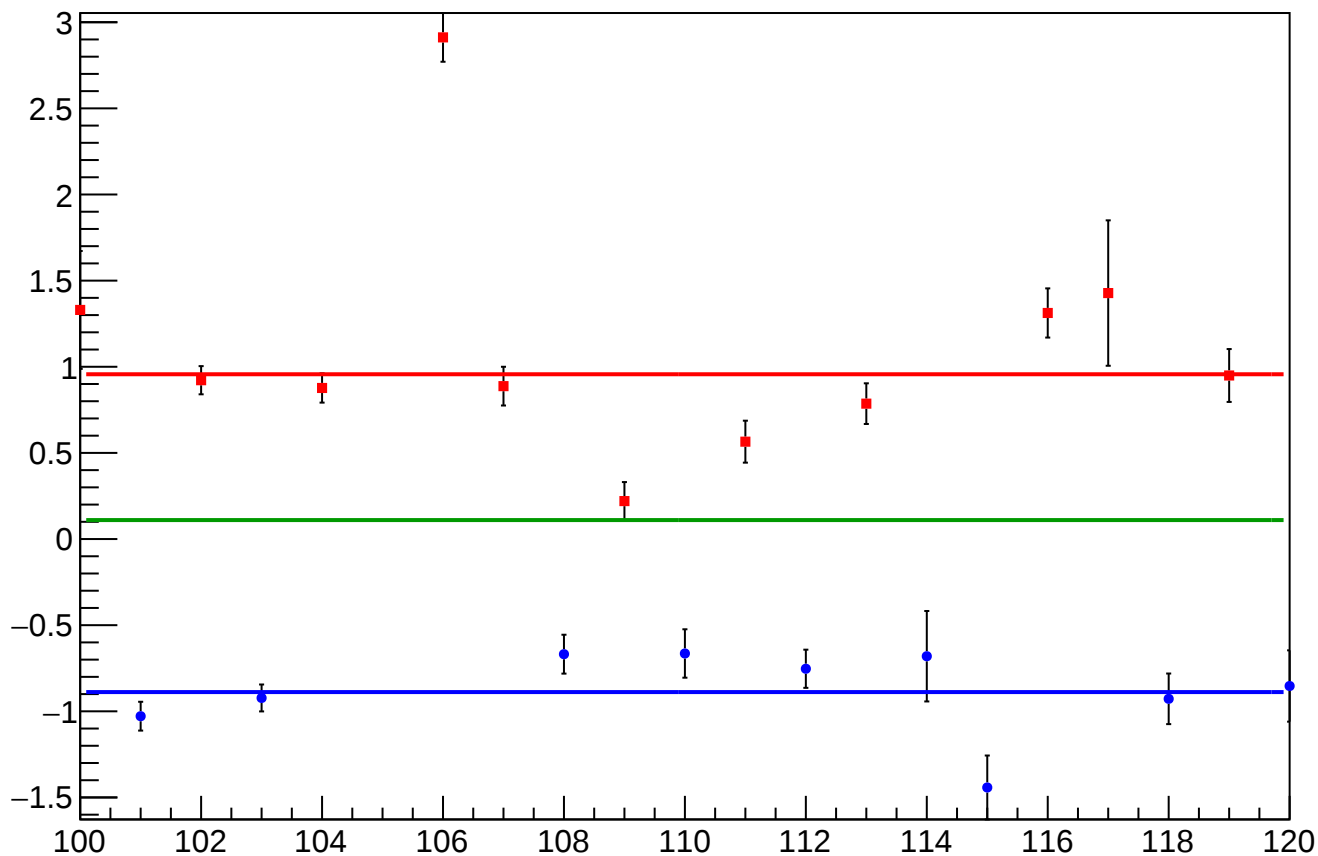
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.388+/-0.717 χ^2/NDF : 1537.6/8

0.433+/-0.513 χ^2/NDF : 2935.1/19

-4.749+/-0.733 χ^2/NDF : 1299.8/10

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.888 ± 0.040 $\chi^2/\text{NDF}: 20.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.957 ± 0.037 $\chi^2/\text{NDF}: 258.1/10$

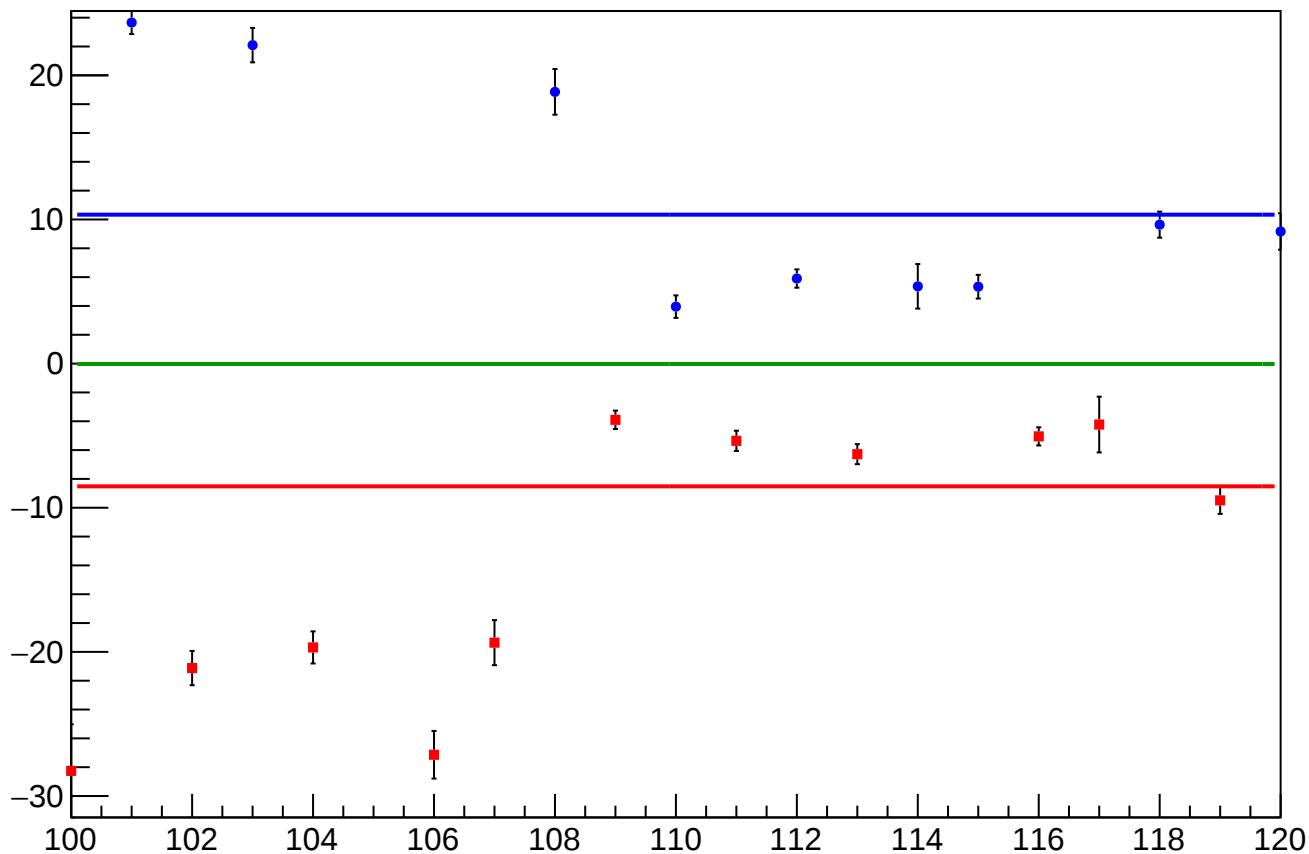
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.888 ± 0.040 $\chi^2/\text{NDF}: 20.5/8$

0.110 ± 0.027 $\chi^2/\text{NDF}: 1440.2/19$

0.957 ± 0.037 $\chi^2/\text{NDF}: 258.1/10$

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 10.333+/-0.308 χ^2/NDF : 568.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.515+/-0.279 χ^2/NDF : 544.6/10

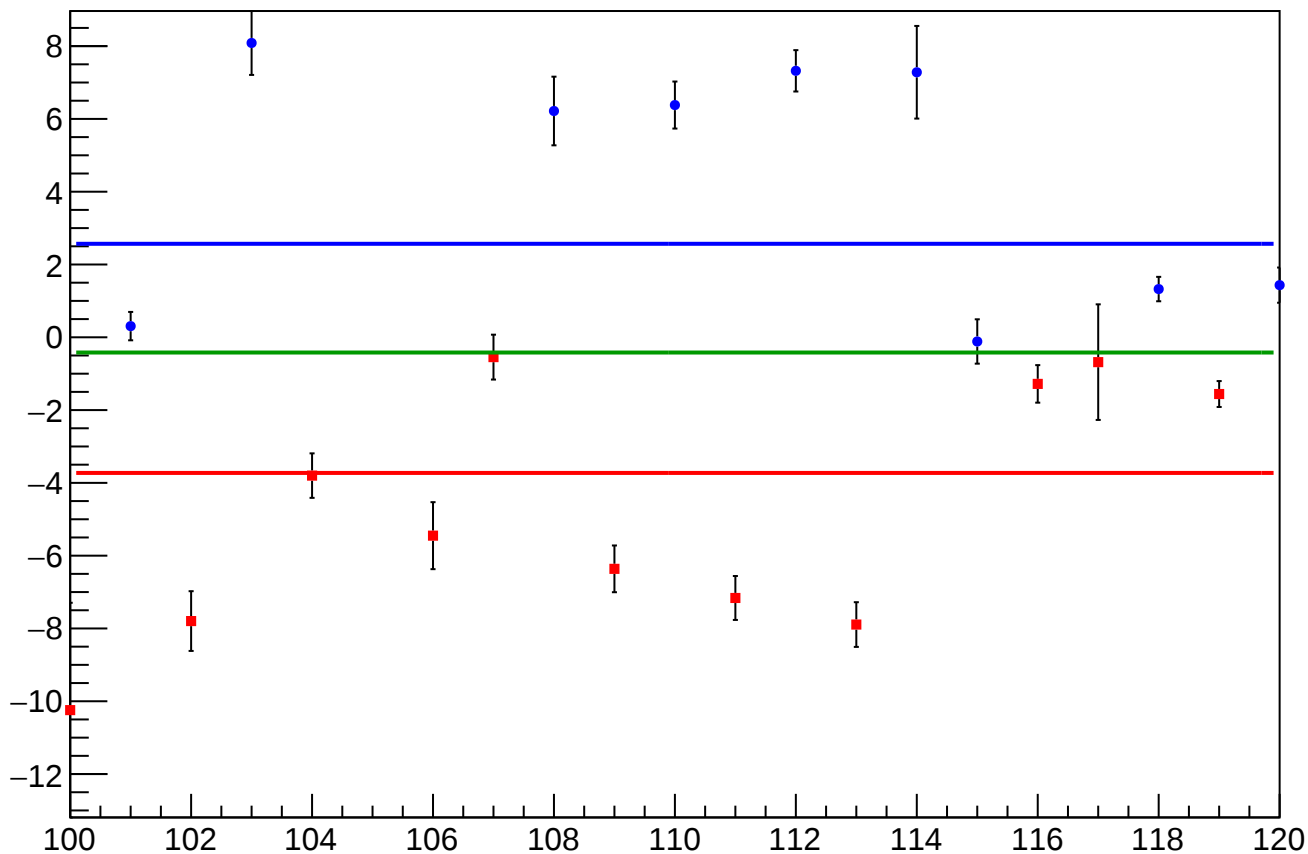
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.333+/-0.308 χ^2/NDF : 568.2/8

-0.026+/-0.207 χ^2/NDF : 3168.4/19

-8.515+/-0.279 χ^2/NDF : 544.6/10

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.569 $\pm$ 0.180 χ^2 /NDF: 245.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.727 $\pm$ 0.189 χ^2 /NDF: 218.2/10

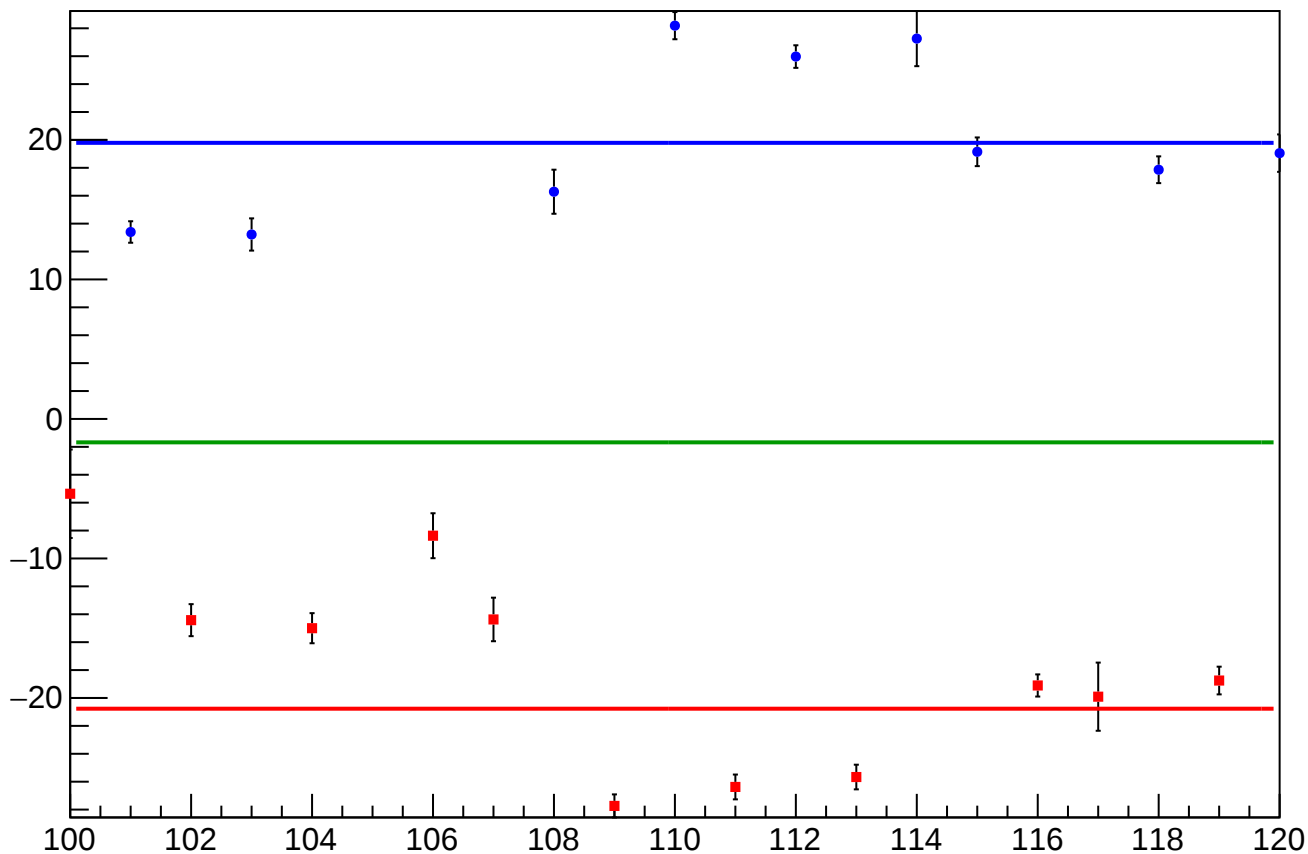
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.569 $\pm$ 0.180 χ^2 /NDF: 245.3/8

-0.418 $\pm$ 0.130 χ^2 /NDF: 1045.9/19

-3.727 $\pm$ 0.189 χ^2 /NDF: 218.2/10

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.790 $\pm$ 0.348 χ^2 /NDF: 257.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.769 $\pm$ 0.328 χ^2 /NDF: 309.1/10

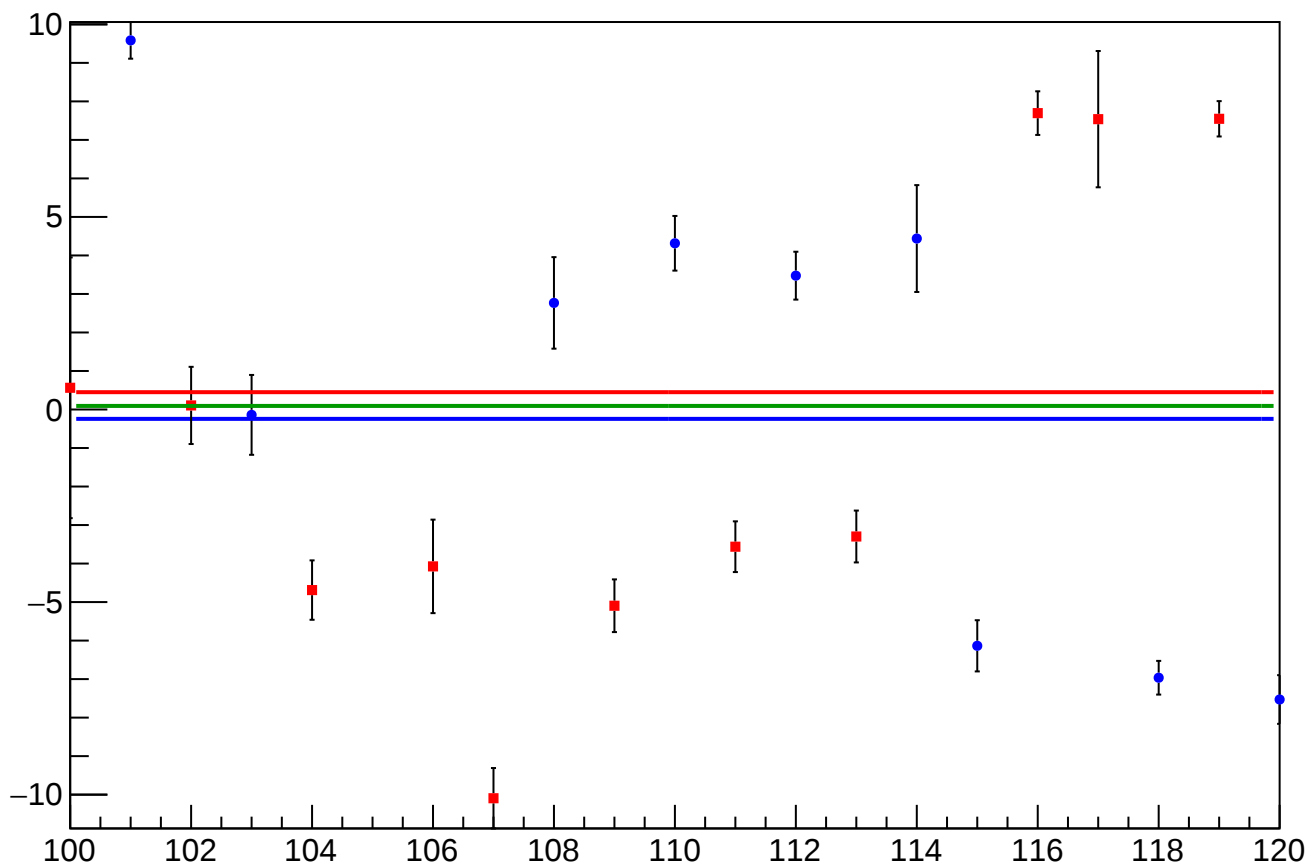
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

19.790 $\pm$ 0.348 χ^2 /NDF: 257.9/8

-1.678 $\pm$ 0.239 χ^2 /NDF: 7759.7/19

-20.769 $\pm$ 0.328 χ^2 /NDF: 309.1/10

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.243+/-0.218 χ^2 /NDF: 968.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.450+/-0.224 χ^2 /NDF: 791.8/10

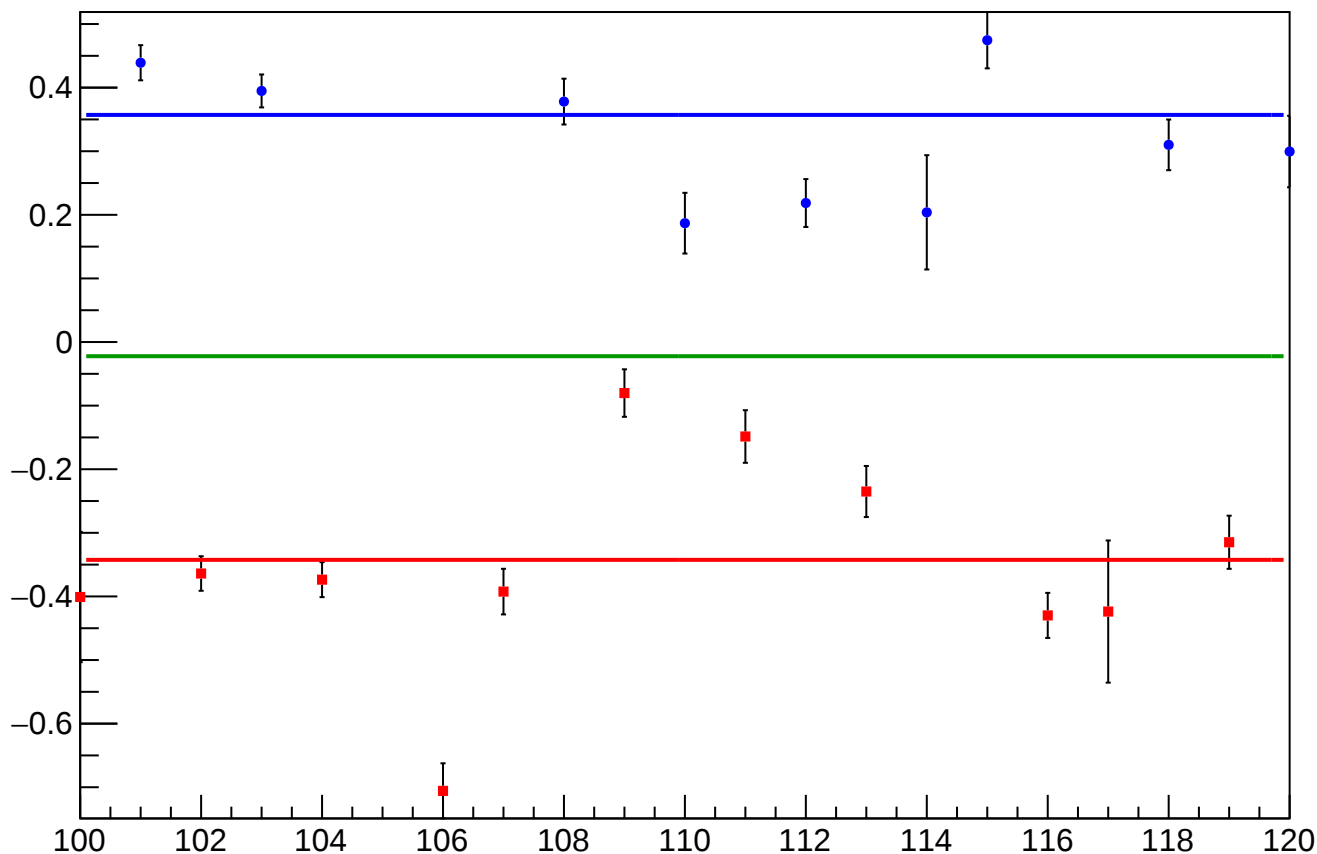
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.243+/-0.218 χ^2 /NDF: 968.4/8

0.093+/-0.156 χ^2 /NDF: 1765.0/19

0.450+/-0.224 χ^2 /NDF: 791.8/10

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.357 $\pm$ 0.013 χ^2 /NDF: 49.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.342 $\pm$ 0.012 χ^2 /NDF: 159.9/10

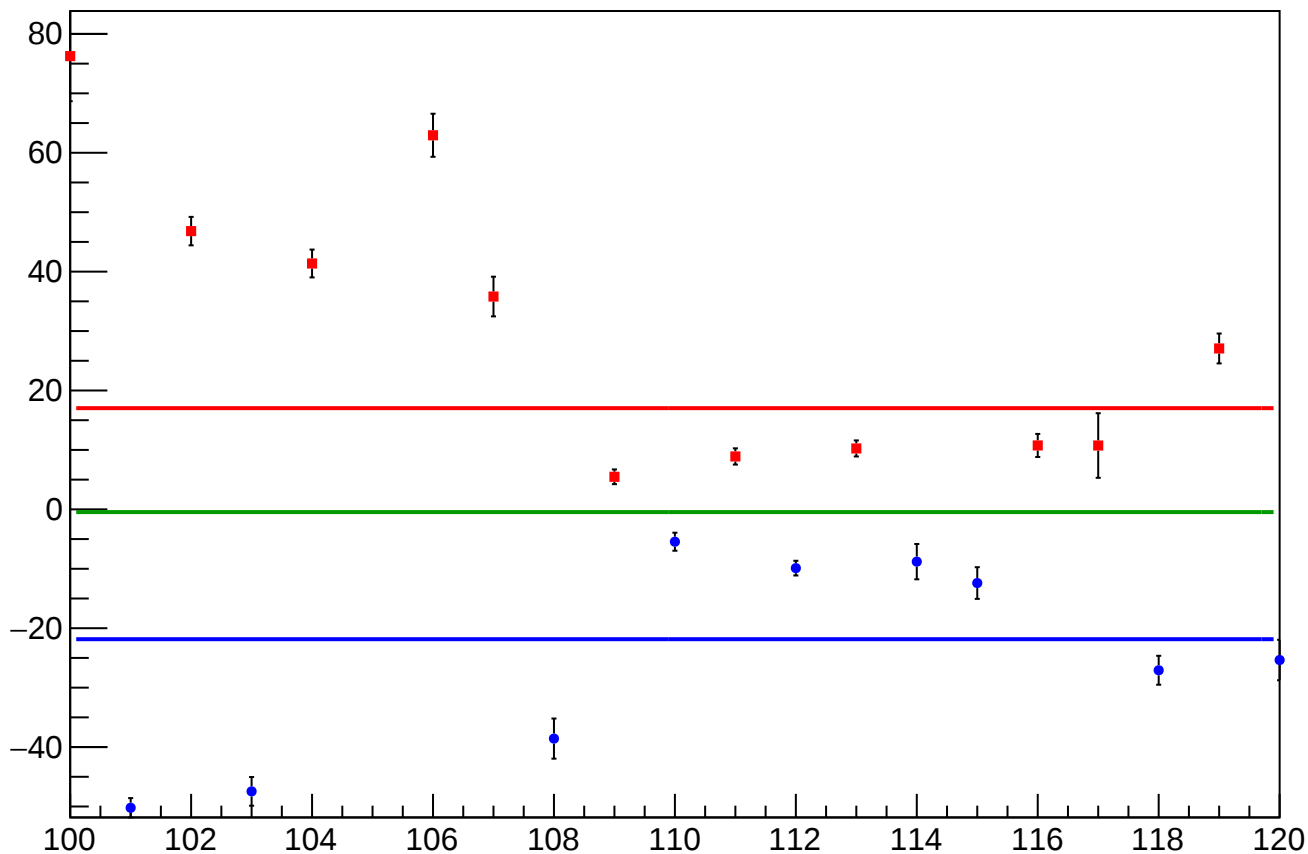
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.357 $\pm$ 0.013 χ^2 /NDF: 49.9/8

-0.022 $\pm$ 0.009 χ^2 /NDF: 1880.0/19

-0.342 $\pm$ 0.012 χ^2 /NDF: 159.9/10

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.849 ± 0.669 χ^2/NDF : 688.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.028 ± 0.605 χ^2/NDF : 691.0/10

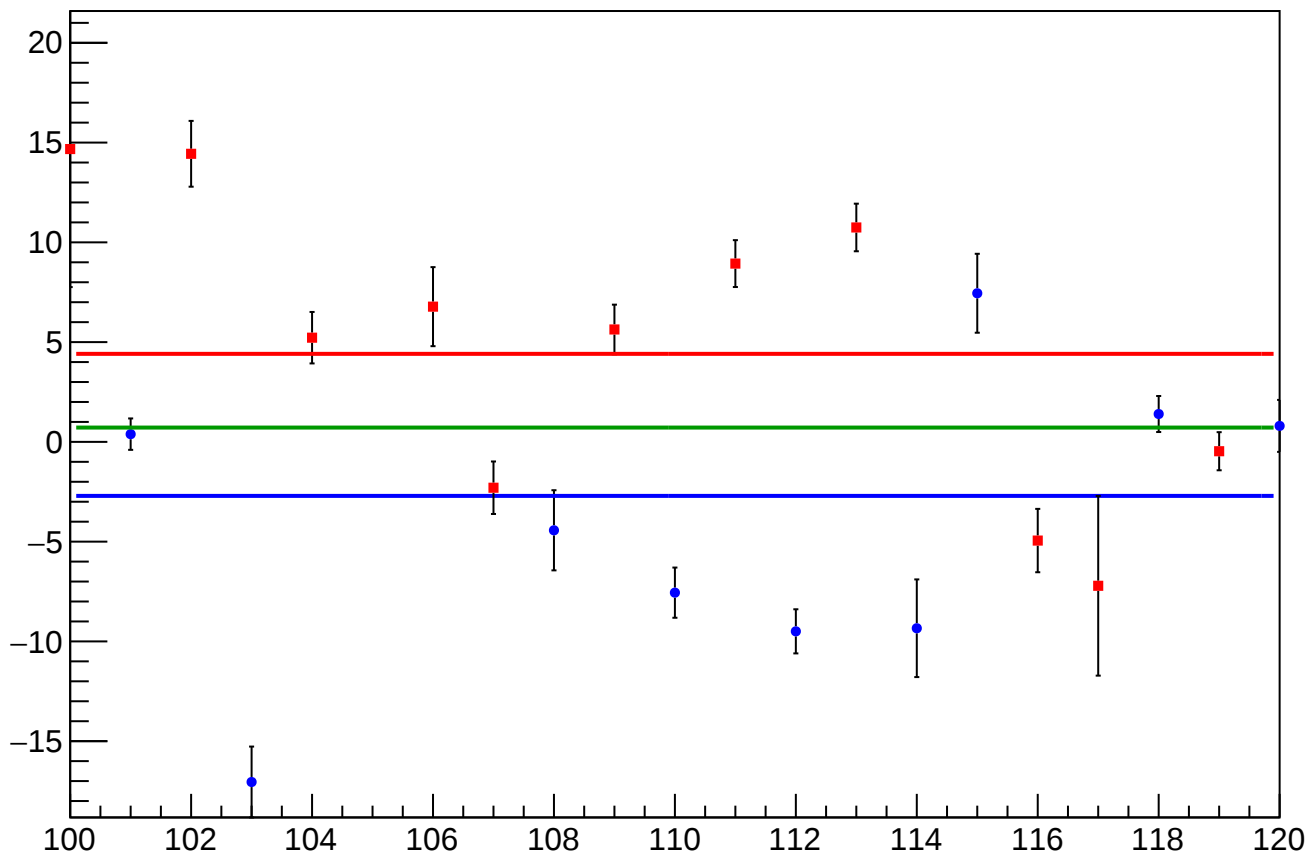
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-21.849 ± 0.669 χ^2/NDF : 688.4/8

-0.462 ± 0.449 χ^2/NDF : 3236.0/19

17.028 ± 0.605 χ^2/NDF : 691.0/10

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.707+/-0.413 χ^2/NDF : 195.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.412+/-0.429 χ^2/NDF : 178.5/10

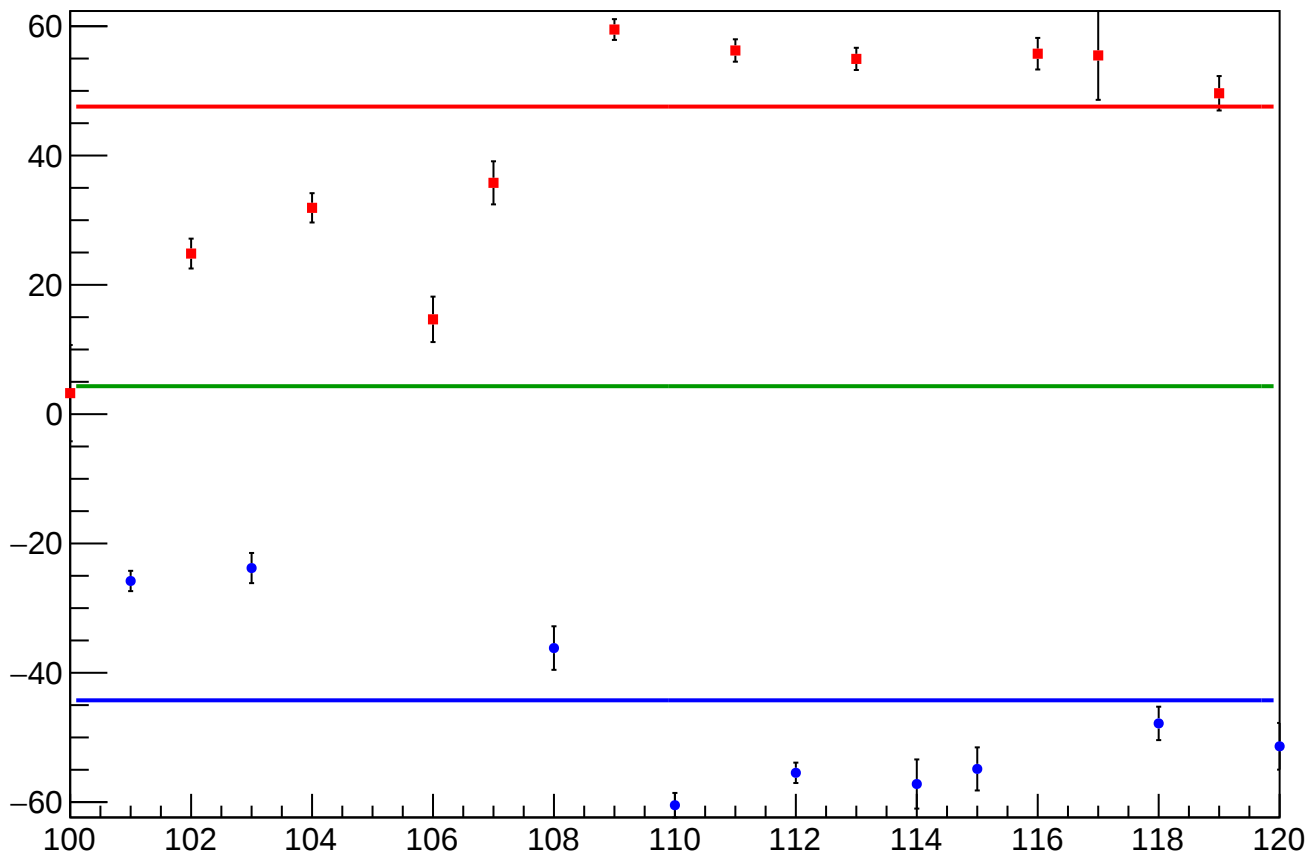
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.707+/-0.413 χ^2/NDF : 195.5/8

0.717+/-0.297 χ^2/NDF : 517.1/19

4.412+/-0.429 χ^2/NDF : 178.5/10

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.257 $\pm$ 0.757 χ^2 /NDF: 372.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.571 $\pm$ 0.714 χ^2 /NDF: 391.9/10

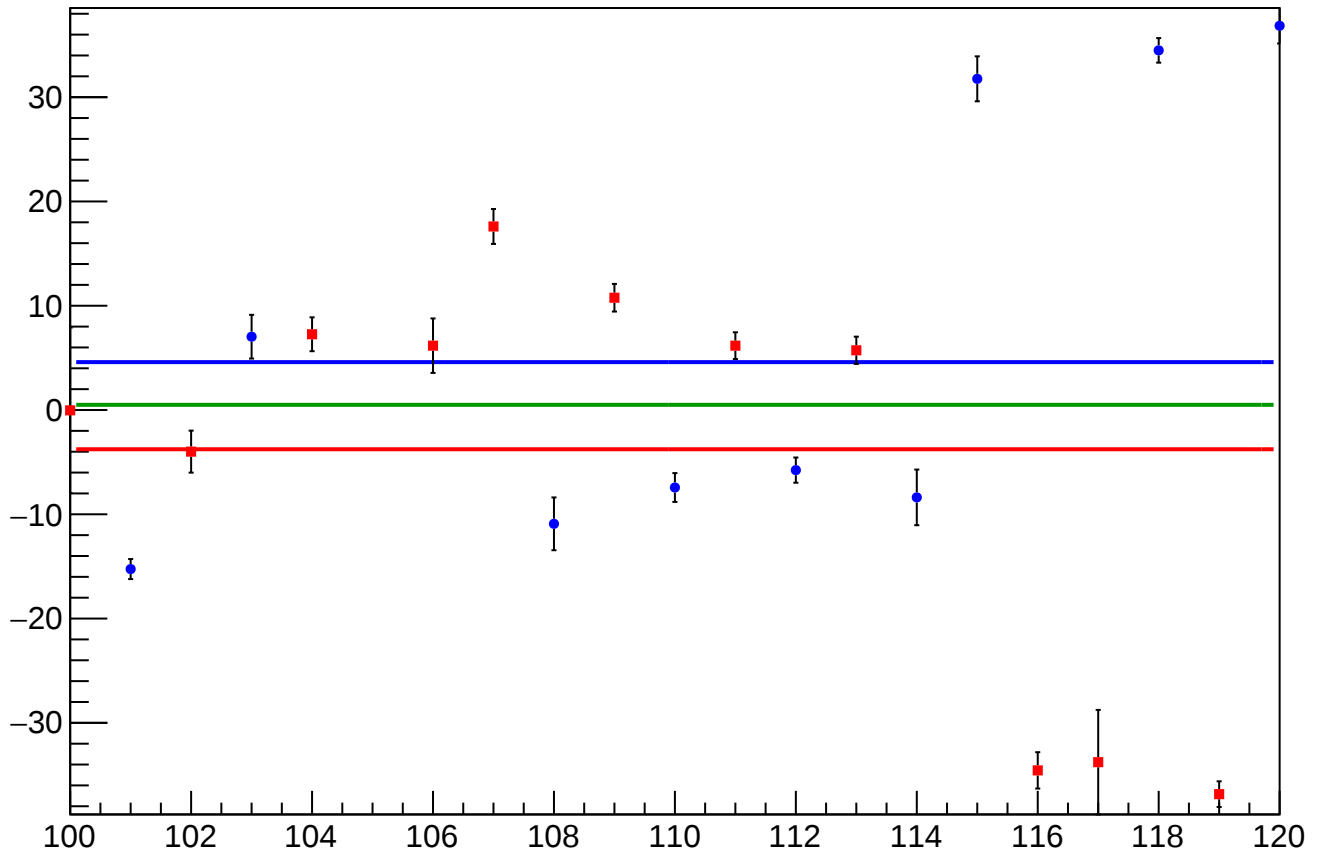
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-44.257 $\pm$ 0.757 χ^2 /NDF: 372.5/8

4.325 $\pm$ 0.519 χ^2 /NDF: 8549.7/19

47.571 $\pm$ 0.714 χ^2 /NDF: 391.9/10

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.592+/-0.494 χ^2/NDF : 1800.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.765+/-0.504 χ^2/NDF : 1526.1/10

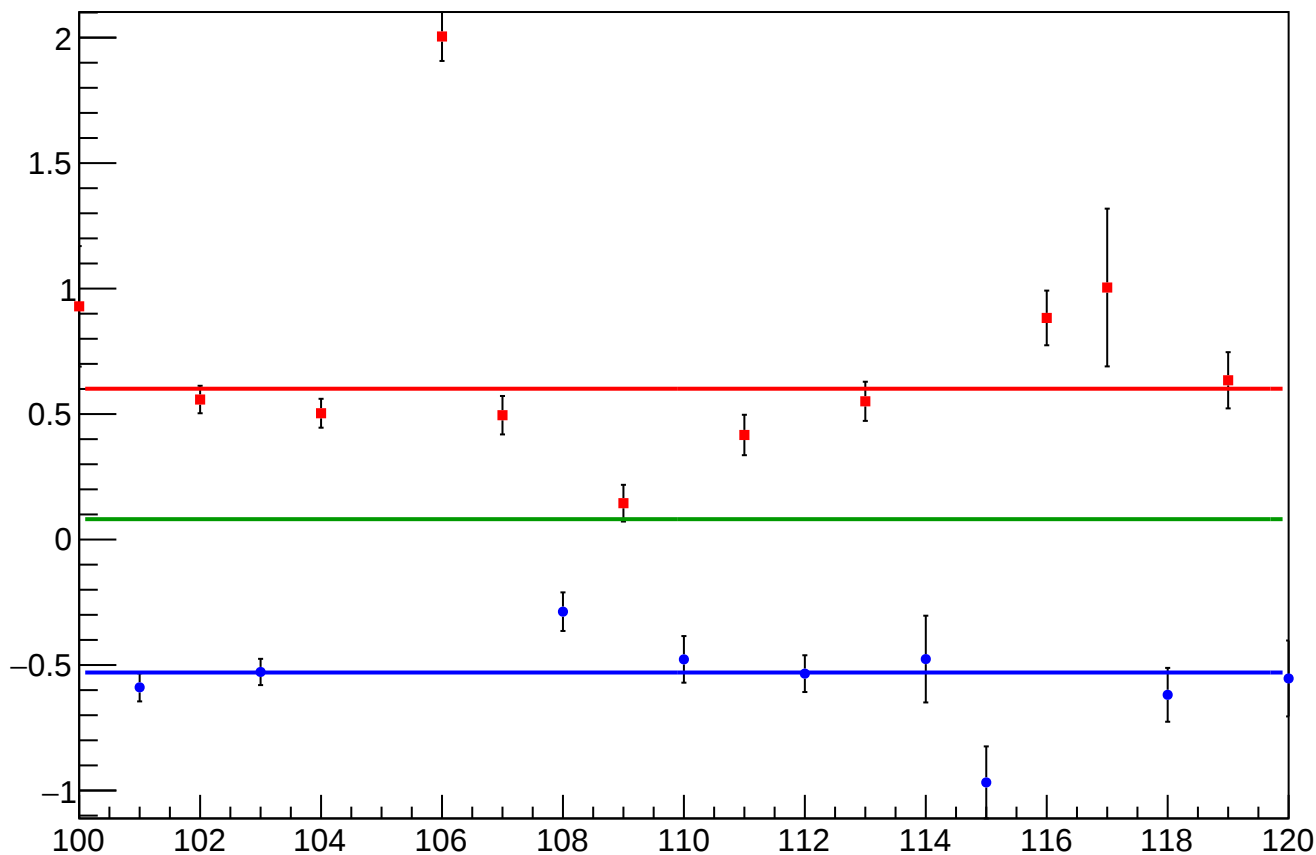
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.592+/-0.494 χ^2/NDF : 1800.7/8

0.497+/-0.353 χ^2/NDF : 3467.0/19

-3.765+/-0.504 χ^2/NDF : 1526.1/10

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.530 ± 0.027 χ^2/NDF : 21.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.601 ± 0.025 χ^2/NDF : 267.4/10

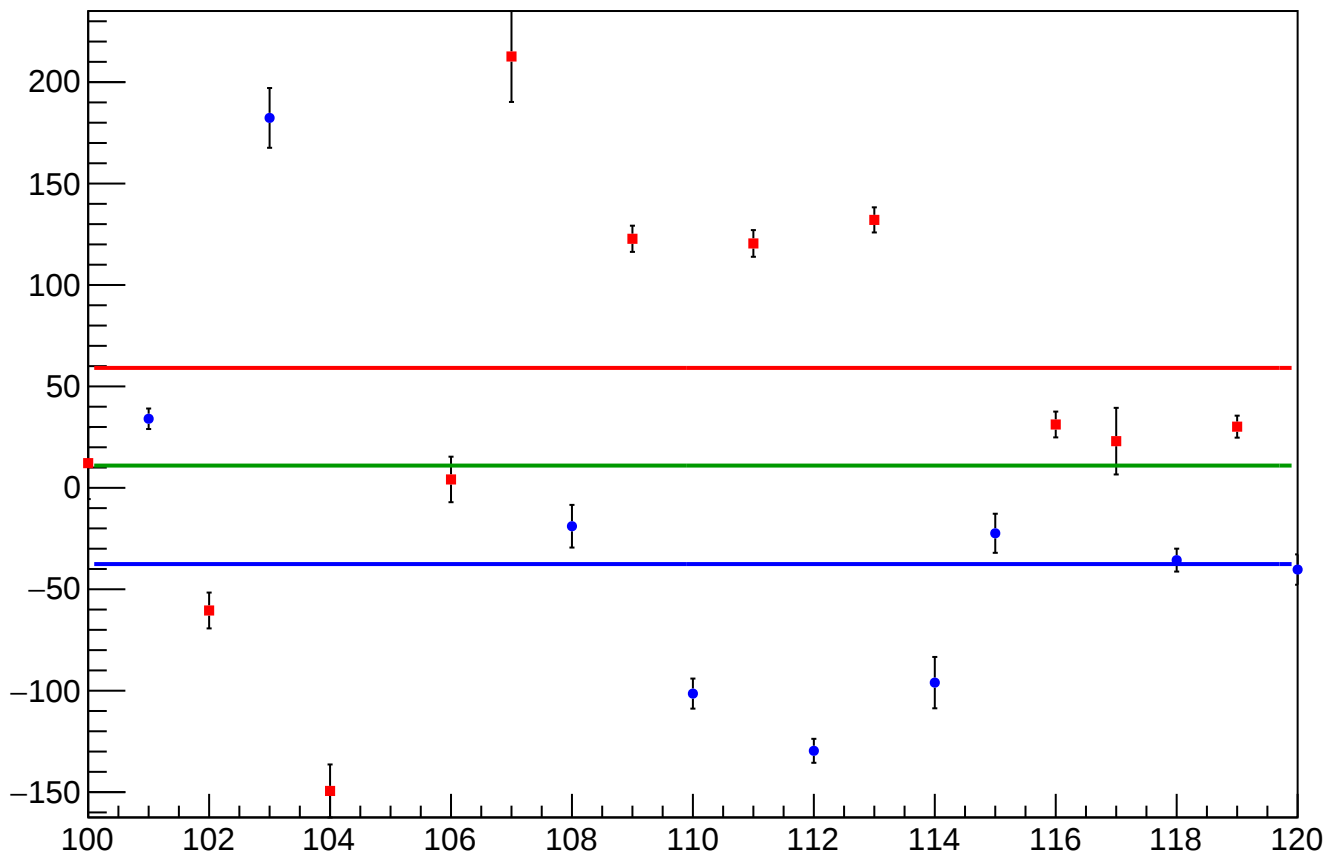
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.530 ± 0.027 χ^2/NDF : 21.5/8

0.081 ± 0.018 χ^2/NDF : 1234.3/19

0.601 ± 0.025 χ^2/NDF : 267.4/10

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.575+/-2.455 χ^2/NDF : 768.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.123+/-2.444 χ^2/NDF : 891.5/10

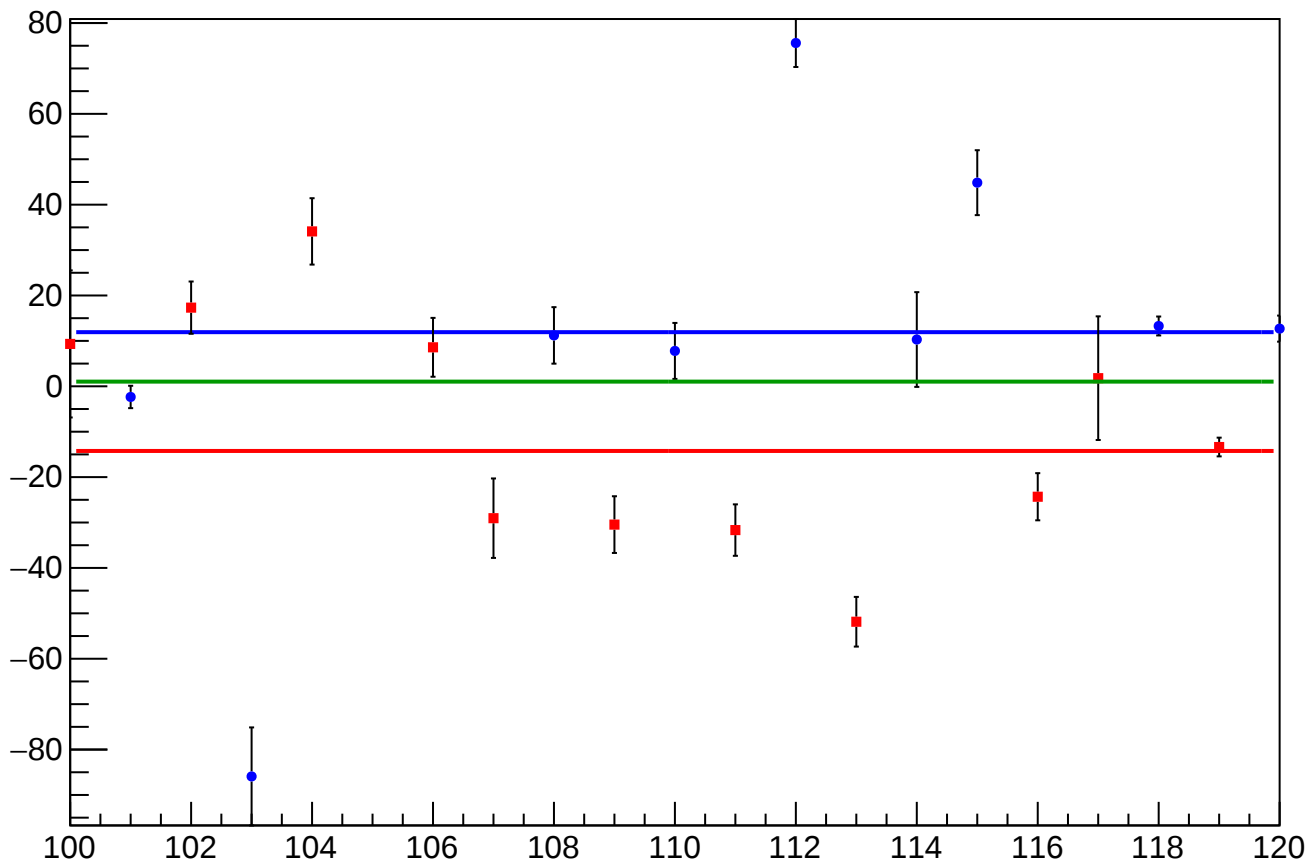
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.575+/-2.455 χ^2/NDF : 768.2/8

10.981+/-1.732 χ^2/NDF : 2438.8/19

59.123+/-2.444 χ^2/NDF : 891.5/10

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.922+/-1.248 χ^2/NDF : 283.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.240+/-1.478 χ^2/NDF : 160.0/10

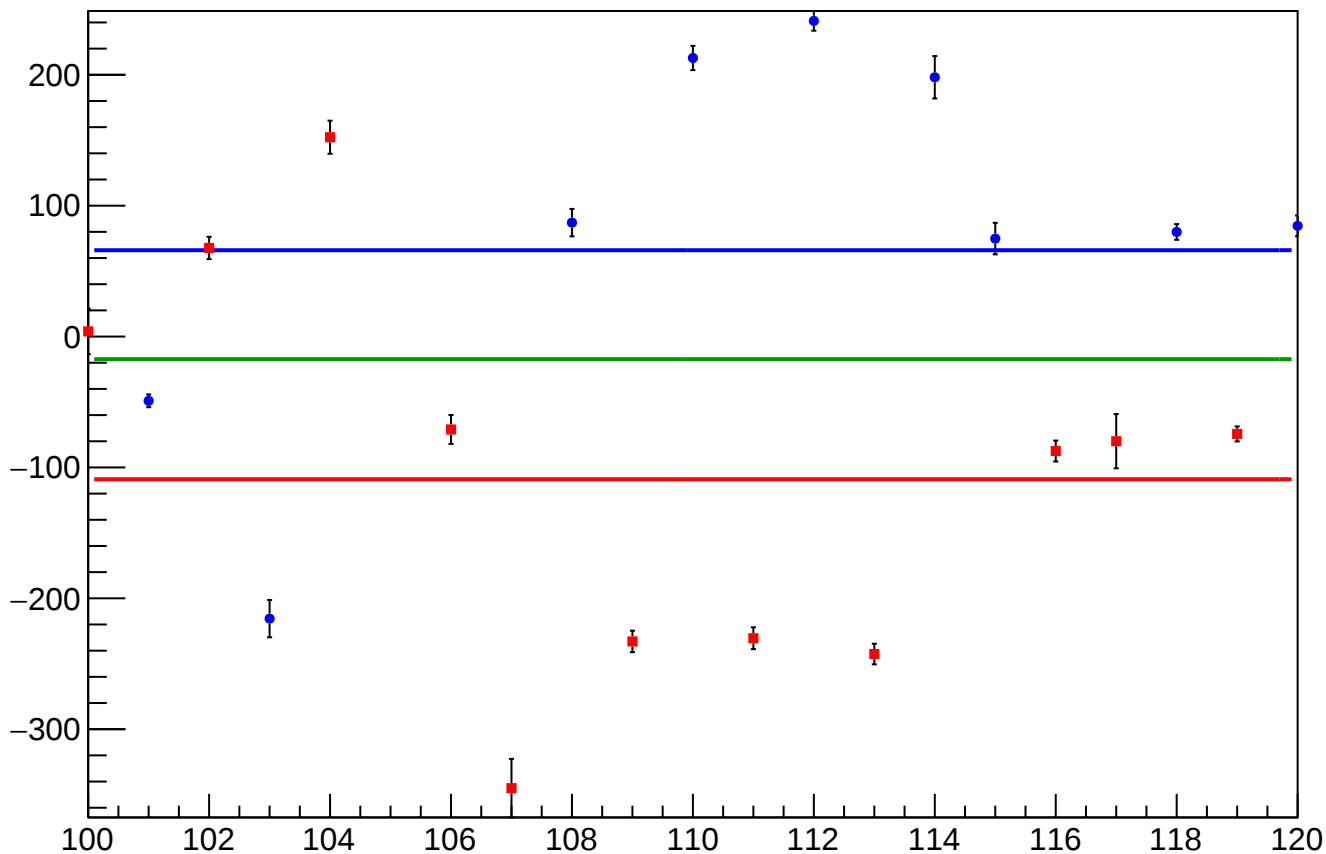
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.922+/-1.248 χ^2/NDF : 283.2/8

1.031+/-0.954 χ^2/NDF : 626.0/19

-14.240+/-1.478 χ^2/NDF : 160.0/10

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.973+/-2.673 χ^2/NDF : 1825.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.019+/-2.805 χ^2/NDF : 1795.7/10

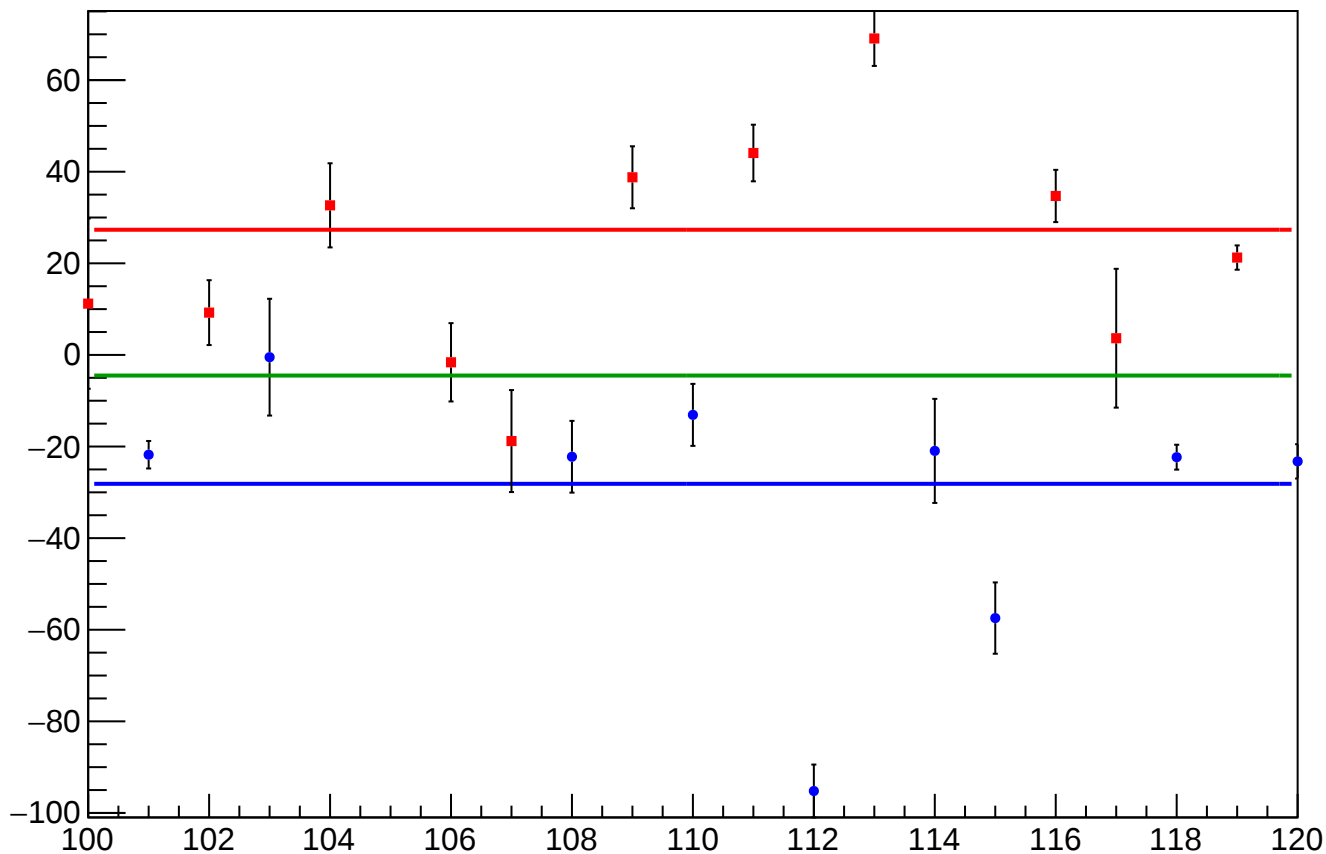
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

65.973+/-2.673 χ^2/NDF : 1825.4/8

-17.300+/-1.935 χ^2/NDF : 5660.5/19

-109.019+/-2.805 χ^2/NDF : 1795.7/10

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.143 $\pm$ 1.550 χ^2 /NDF: 170.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.331 $\pm$ 1.798 χ^2 /NDF: 104.3/10

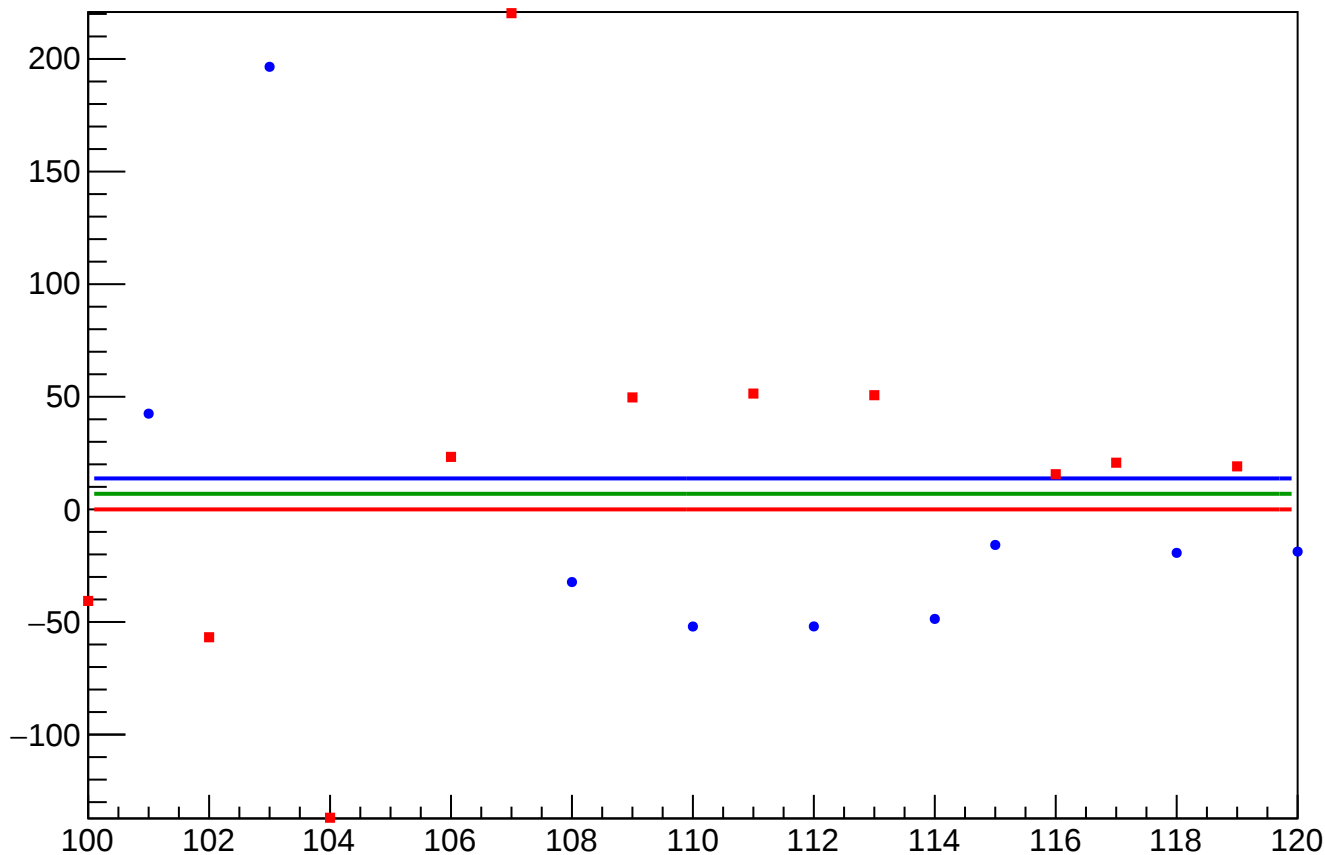
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-28.143 $\pm$ 1.550 χ^2 /NDF: 170.4/8

-4.501 $\pm$ 1.174 χ^2 /NDF: 820.9/19

27.331 $\pm$ 1.798 χ^2 /NDF: 104.3/10

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.745+/-0.098 χ^2/NDF : 485938.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.099 χ^2/NDF : 521671.8/10

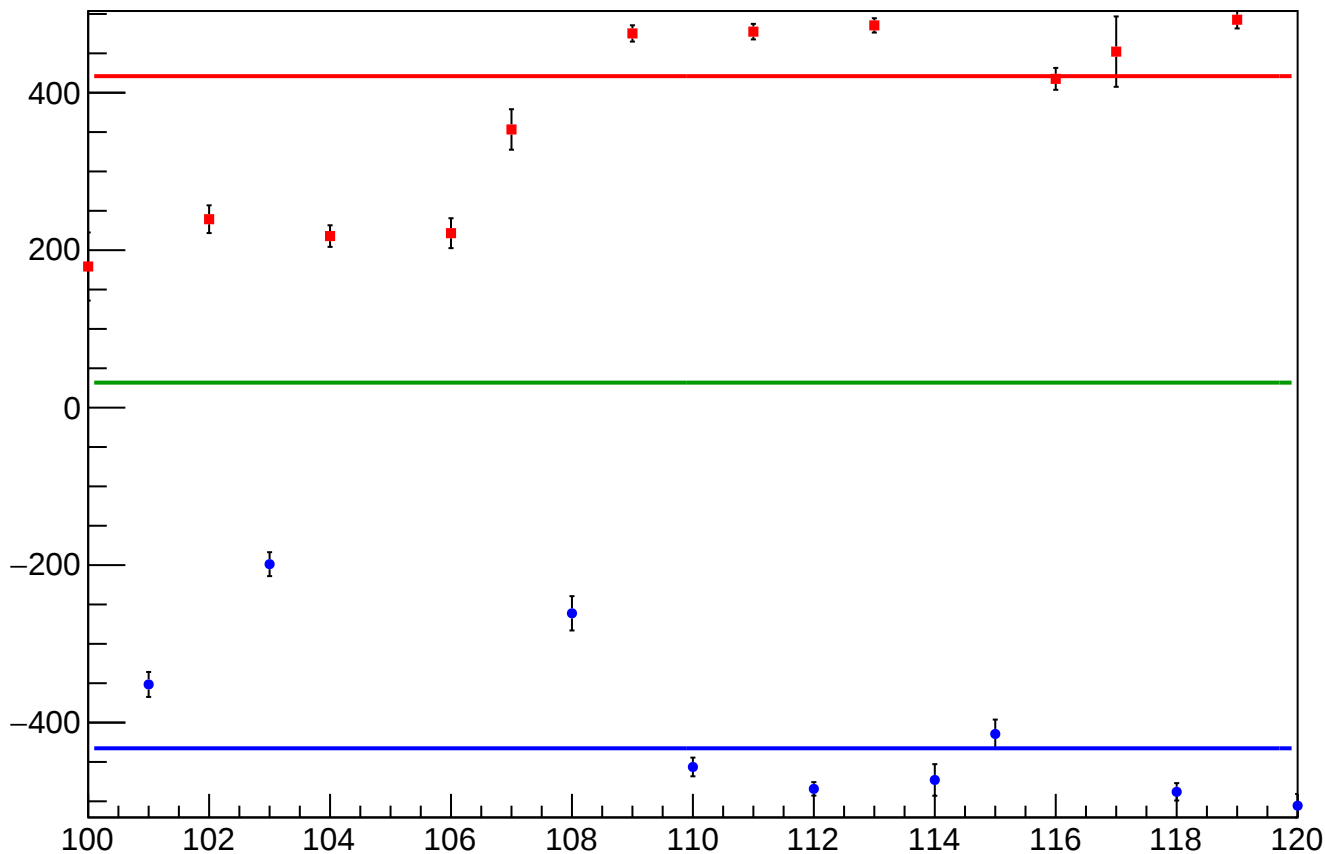
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.745+/-0.098 χ^2/NDF : 485938.8/8

6.919+/-0.070 χ^2/NDF : 1017387.2/19

-0.011+/-0.099 χ^2/NDF : 521671.8/10

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -432.672+/-4.503 χ^2/NDF : 419.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.019+/-4.122 χ^2/NDF : 626.6/10

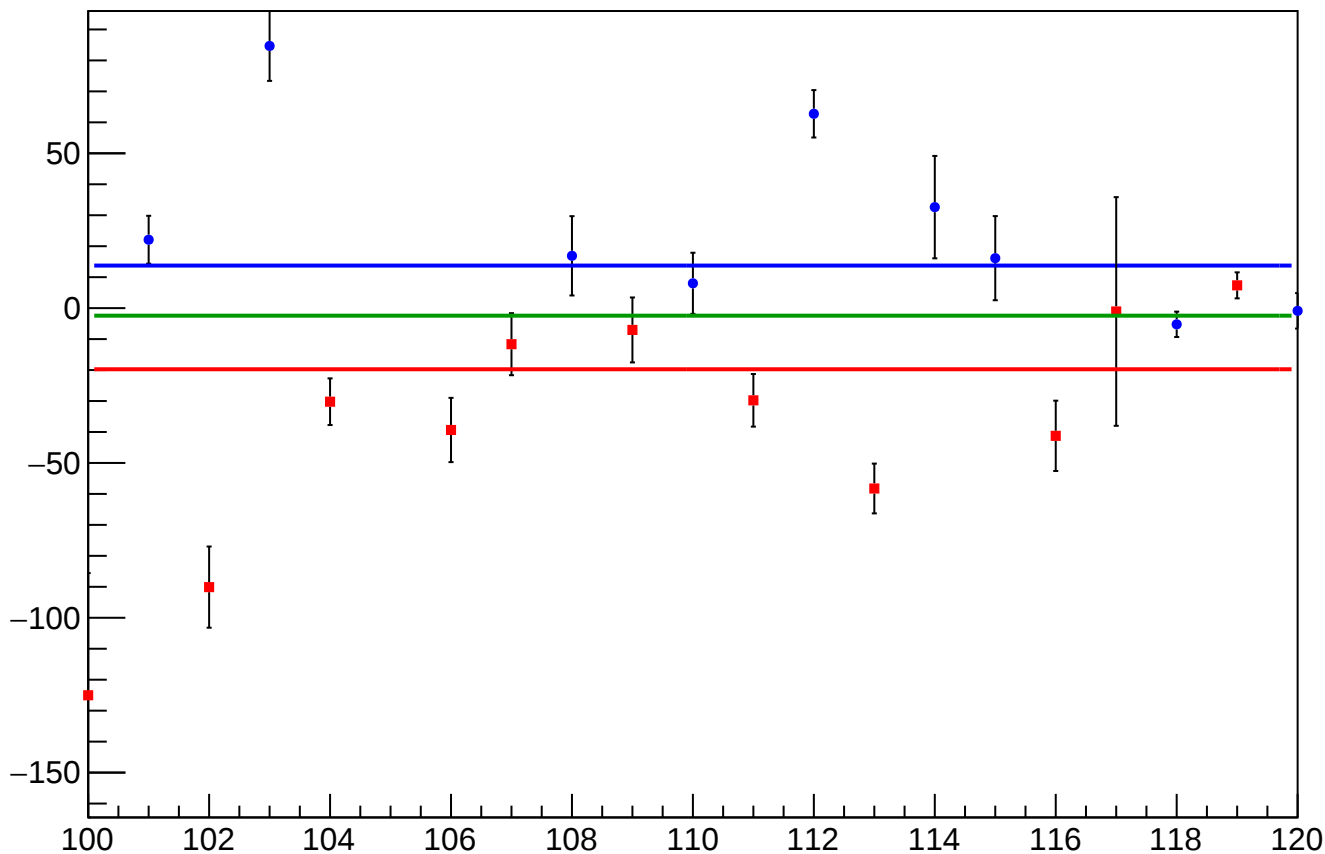
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-432.672+/-4.503 χ^2/NDF : 419.4/8

31.778+/-3.040 χ^2/NDF : 20602.8/19

421.019+/-4.122 χ^2/NDF : 626.6/10

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.744 ± 2.523 $\chi^2/\text{NDF}: 111.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.742 ± 2.609 $\chi^2/\text{NDF}: 113.3/10$

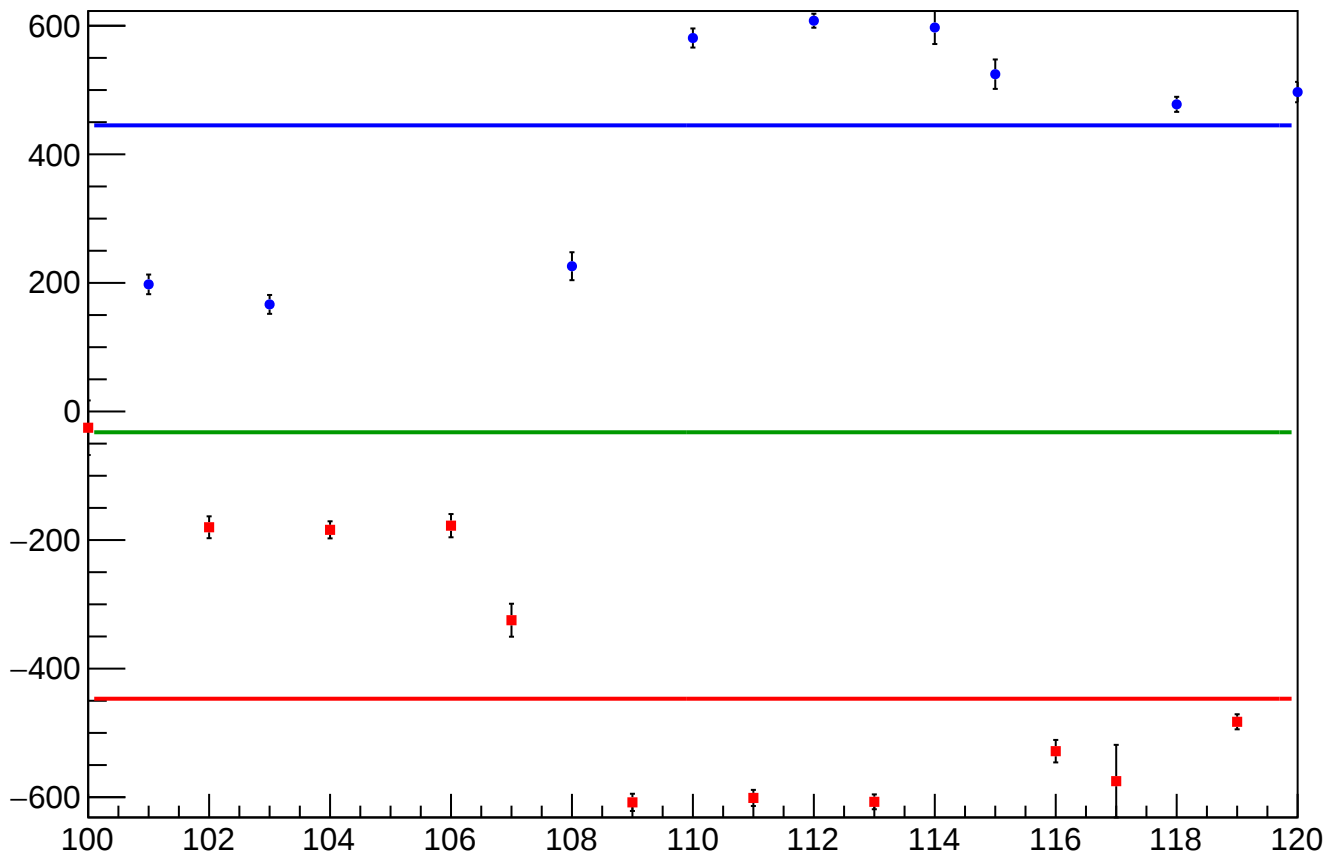
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

13.744 ± 2.523 $\chi^2/\text{NDF}: 111.4/8$

-2.436 ± 1.814 $\chi^2/\text{NDF}: 309.9/19$

-19.742 ± 2.609 $\chi^2/\text{NDF}: 113.3/10$

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 445.053+/-5.085 χ^2/NDF : 1095.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.820+/-4.738 χ^2/NDF : 1505.3/10

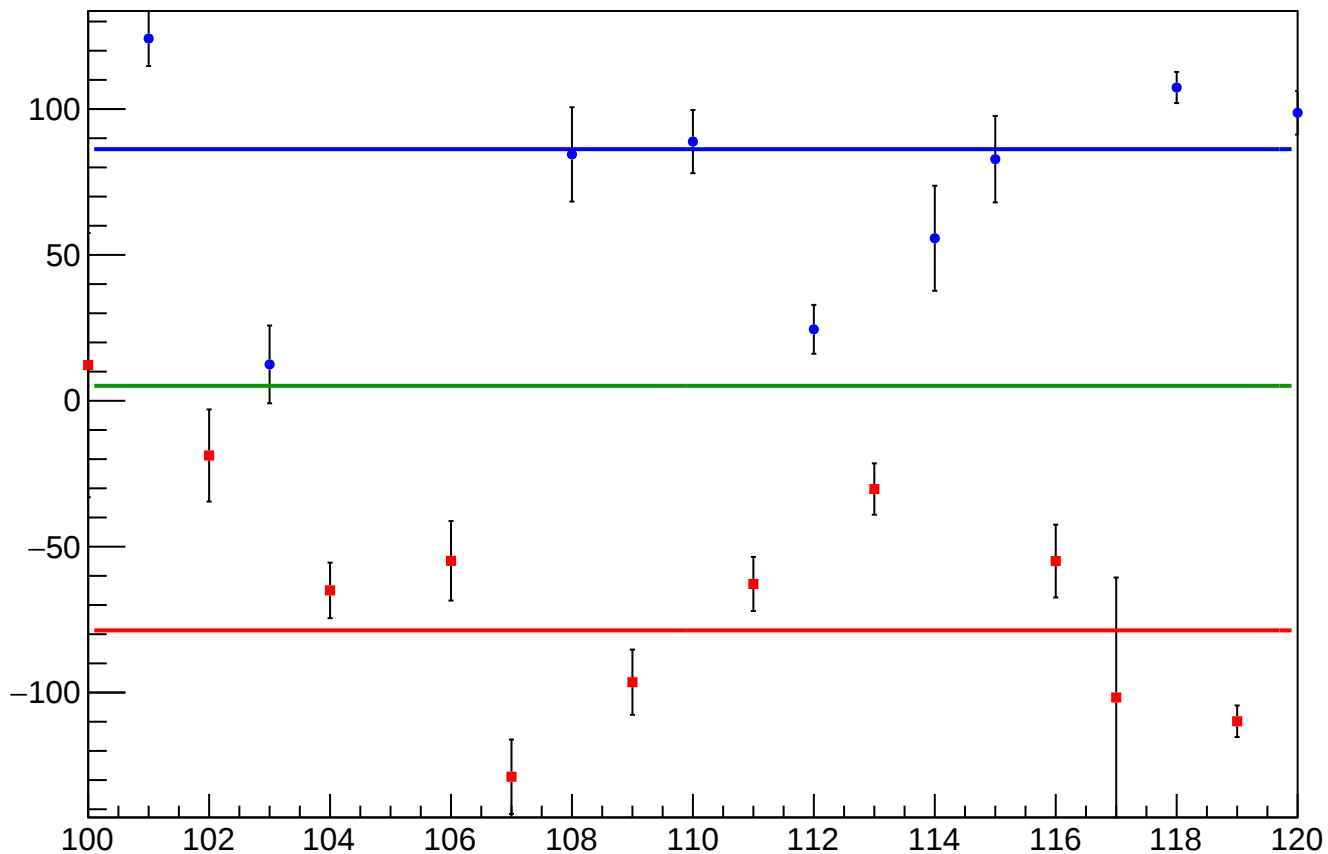
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

445.053+/-5.085 χ^2/NDF : 1095.9/8

-32.343+/-3.466 χ^2/NDF : 19068.8/19

-446.820+/-4.738 χ^2/NDF : 1505.3/10

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 86.246+/-3.099 χ^2/NDF : 122.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.696+/-3.150 χ^2/NDF : 111.8/10

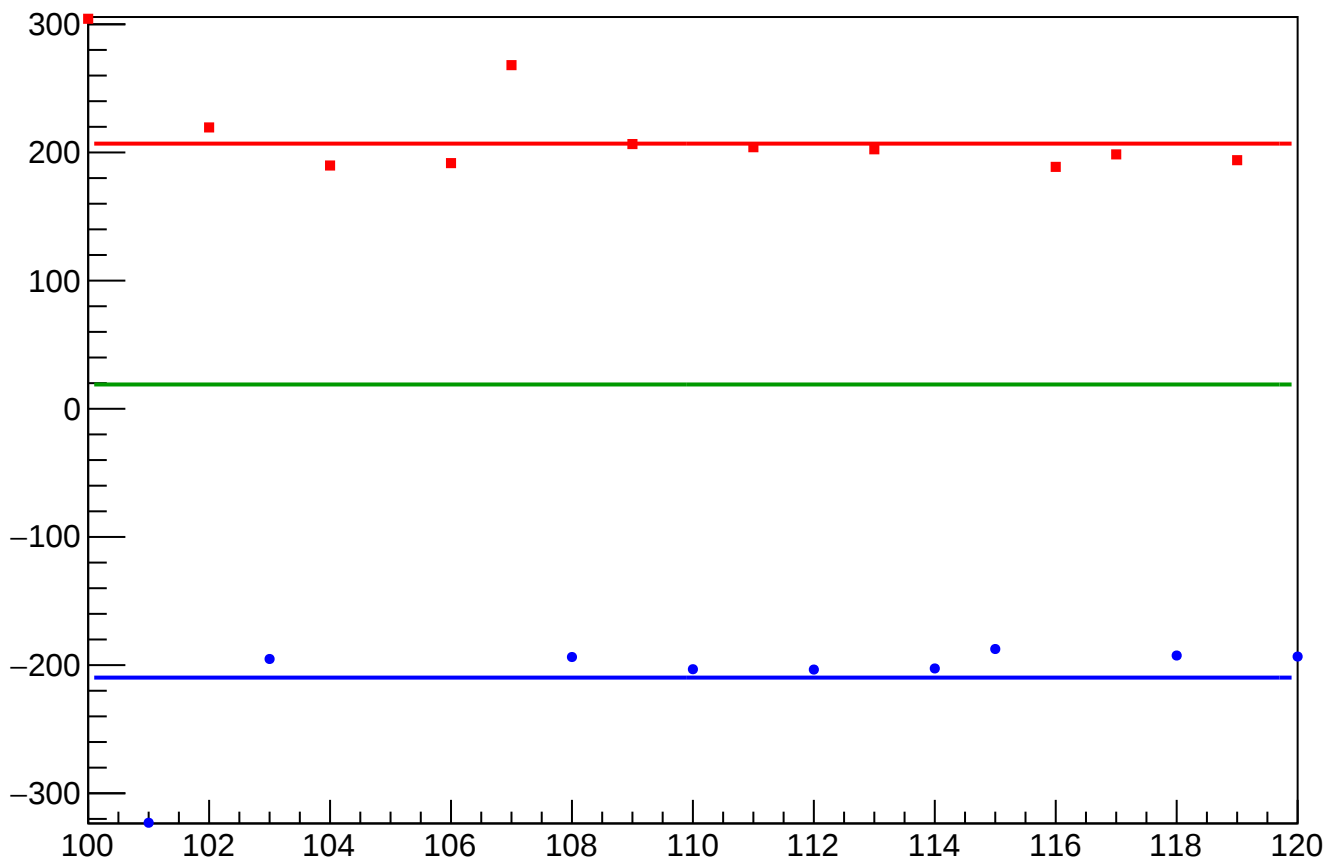
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.246+/-3.099 χ^2/NDF : 122.8/8

5.136+/-2.209 χ^2/NDF : 1628.0/19

-78.696+/-3.150 χ^2/NDF : 111.8/10

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -209.739+/-0.181 χ^2 /NDF: 47920.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 206.887+/-0.164 χ^2 /NDF: 21507.8/10

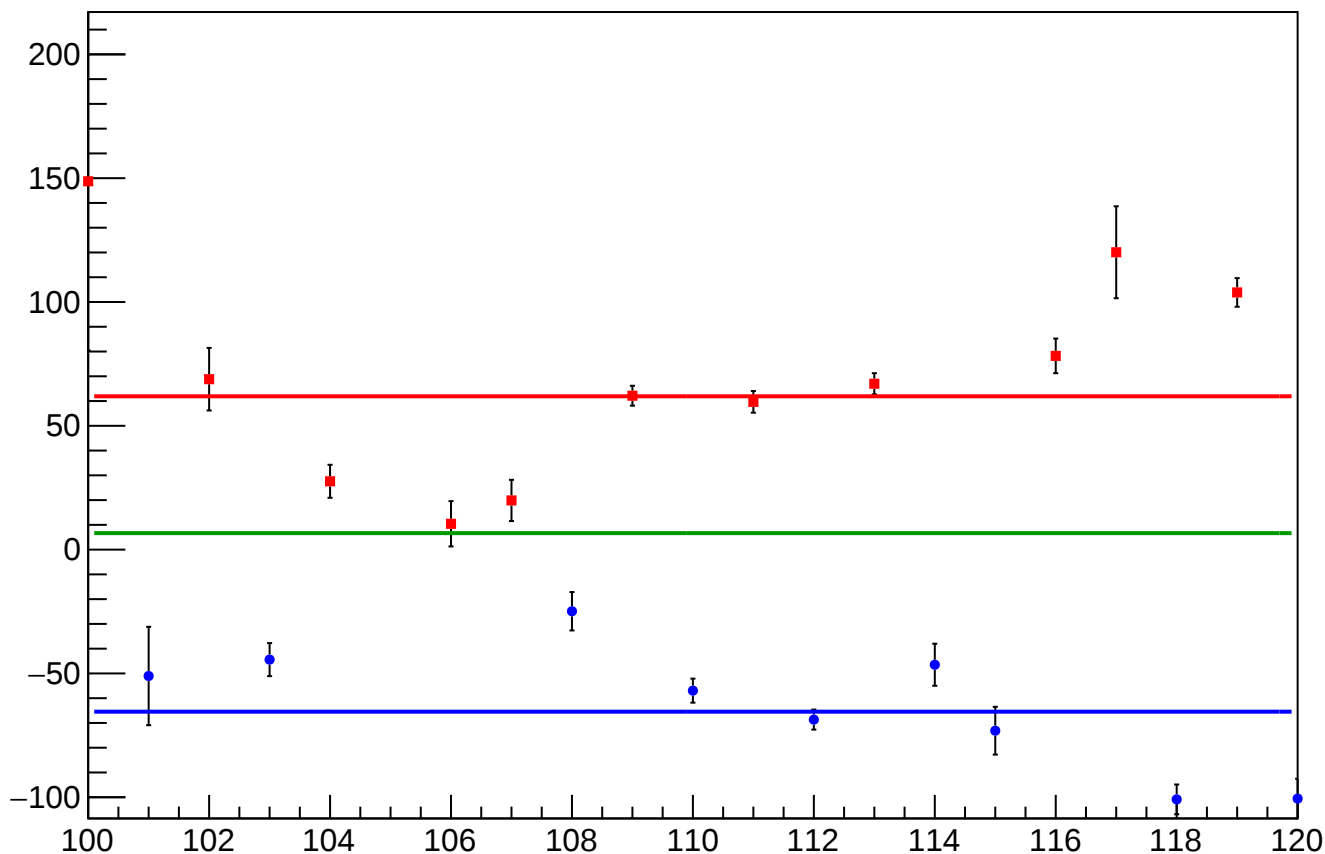
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-209.739+/-0.181 χ^2 /NDF: 47920.9/8

18.967+/-0.121 χ^2 /NDF: 2981970.6/19

206.887+/-0.164 χ^2 /NDF: 21507.8/10

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -65.443 ± 2.166 χ^2/NDF : 100.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.919 ± 1.897 χ^2/NDF : 155.0/10

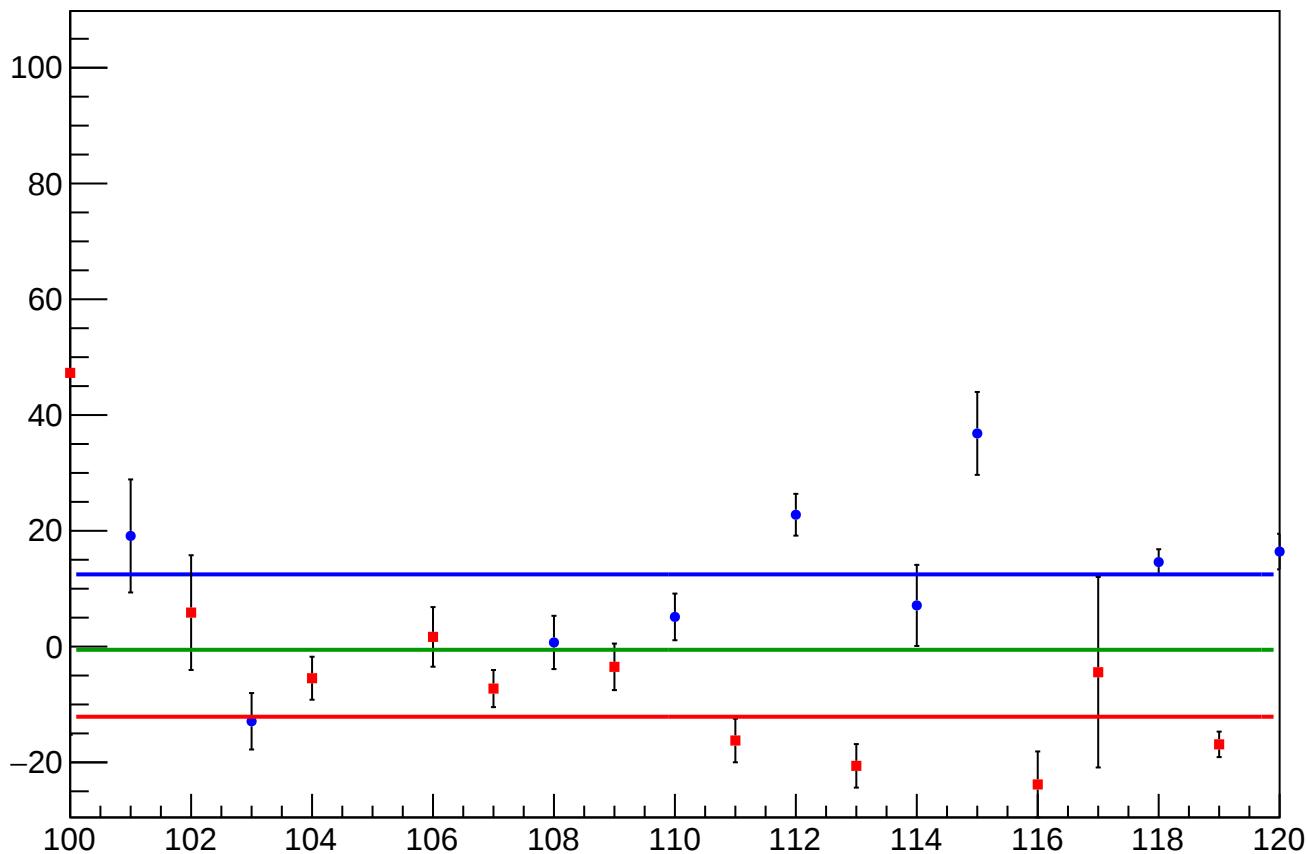
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-65.443 ± 2.166 χ^2/NDF : 100.9/8

6.662 ± 1.427 χ^2/NDF : 2212.5/19

61.919 ± 1.897 χ^2/NDF : 155.0/10

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.473+/-1.305 χ^2/NDF : 60.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.116+/-1.229 χ^2/NDF : 36.9/10

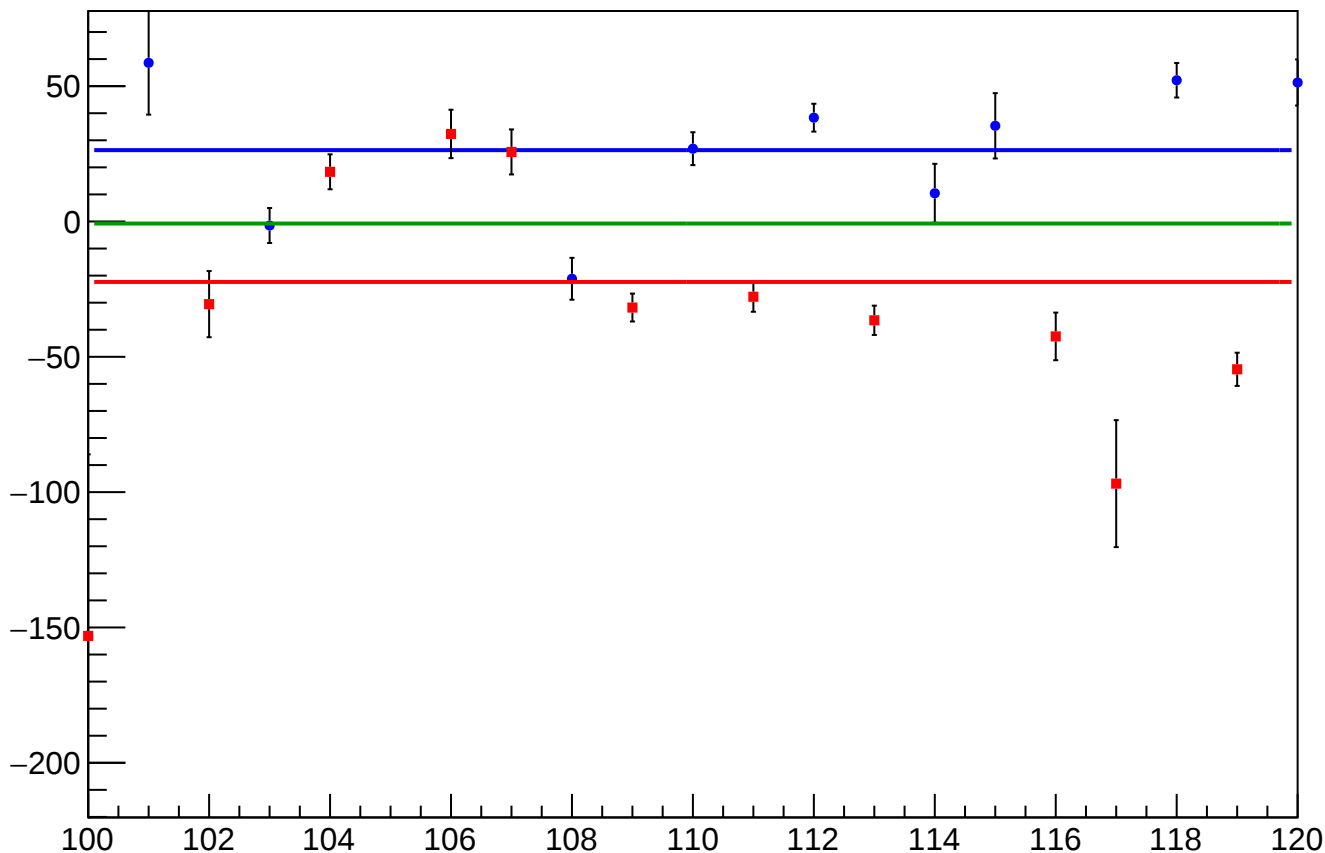
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.473+/-1.305 χ^2/NDF : 60.3/8

-0.554+/-0.895 χ^2/NDF : 285.3/19

-12.116+/-1.229 χ^2/NDF : 36.9/10

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.361+/-2.484 χ^2/NDF : 92.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.343+/-2.217 χ^2/NDF : 168.9/10

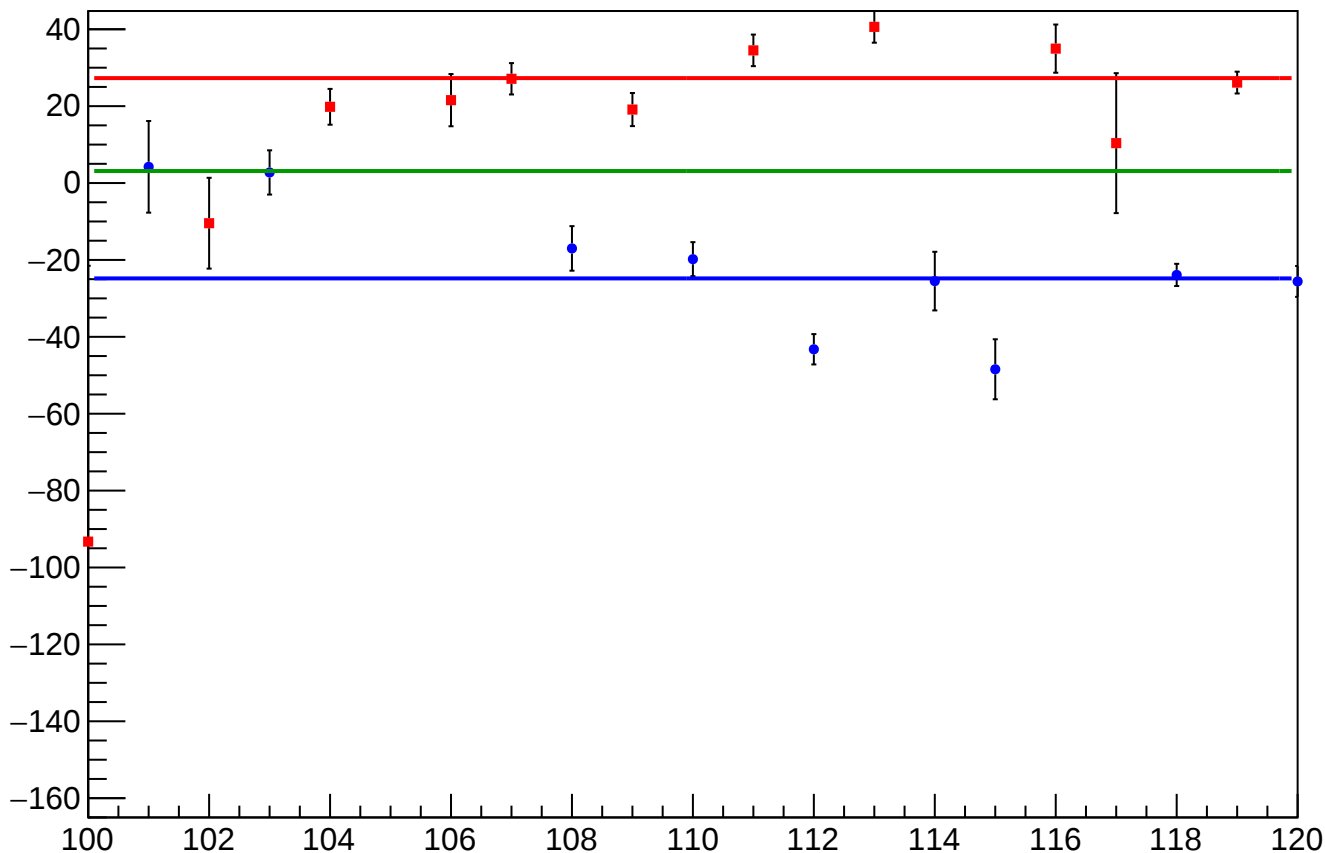
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

26.361+/-2.484 χ^2/NDF : 92.3/8

-0.754+/-1.654 χ^2/NDF : 475.2/19

-22.343+/-2.217 χ^2/NDF : 168.9/10

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.807 $\pm$ 1.585 χ^2 /NDF: 63.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.292 $\pm$ 1.474 χ^2 /NDF: 36.0/10

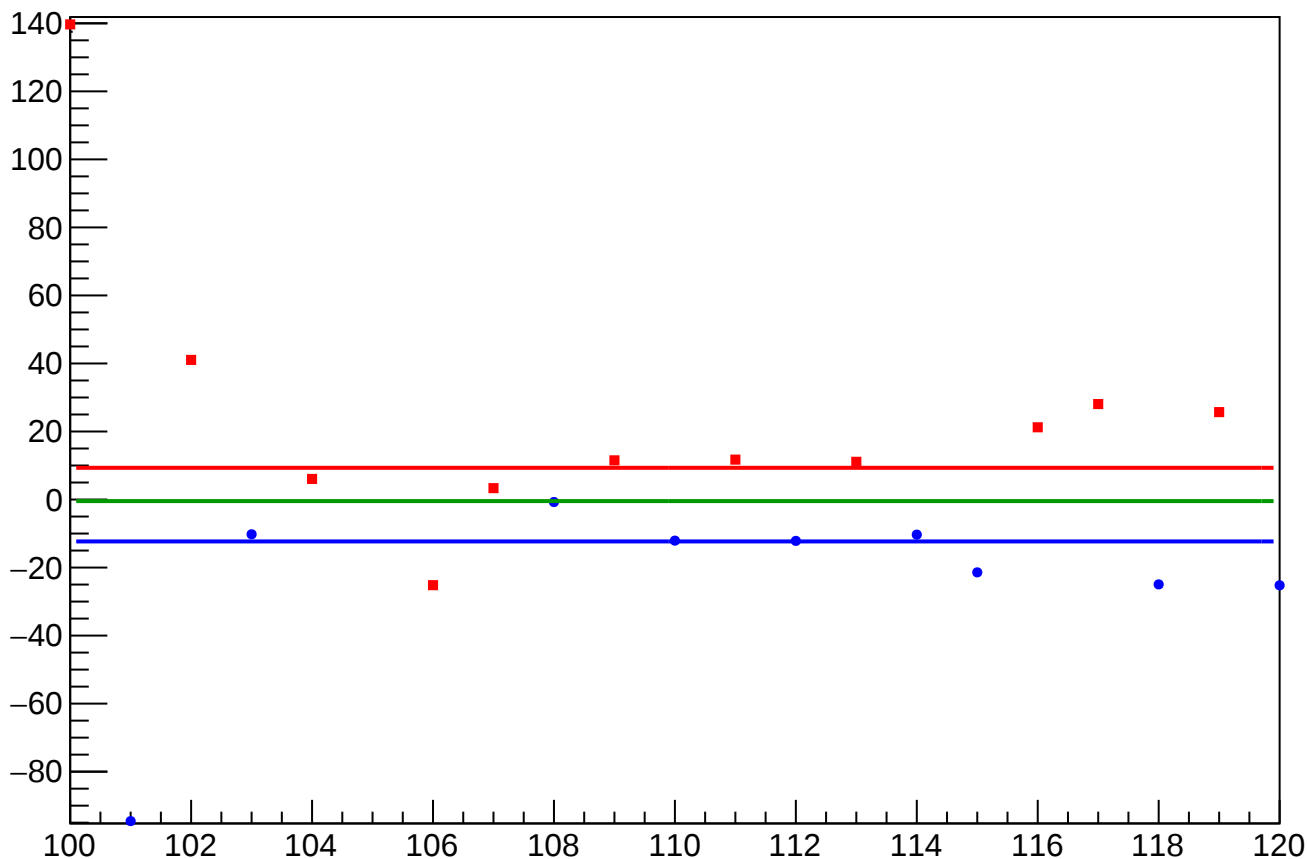
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-24.807 $\pm$ 1.585 χ^2 /NDF: 63.1/8

3.128 $\pm$ 1.079 χ^2 /NDF: 678.5/19

27.292 $\pm$ 1.474 χ^2 /NDF: 36.0/10

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.320+/-0.084 χ^2/NDF : 22825.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.327+/-0.076 χ^2/NDF : 44064.1/10

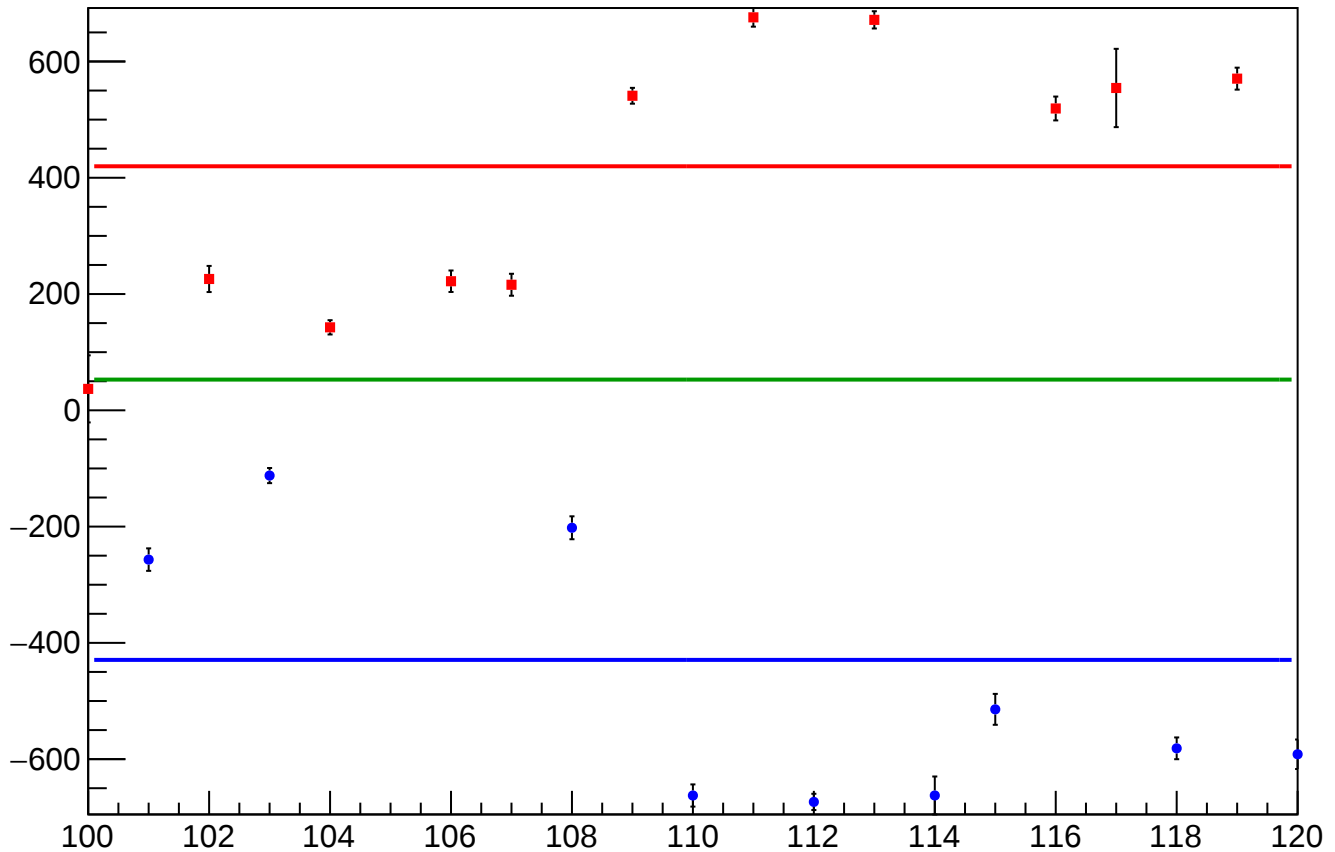
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.320+/-0.084 χ^2/NDF : 22825.9/8

-0.459+/-0.057 χ^2/NDF : 103095.2/19

9.327+/-0.076 χ^2/NDF : 44064.1/10

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -429.280+/-6.230 χ^2/NDF : 1428.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.743+/-5.434 χ^2/NDF : 1570.8/10

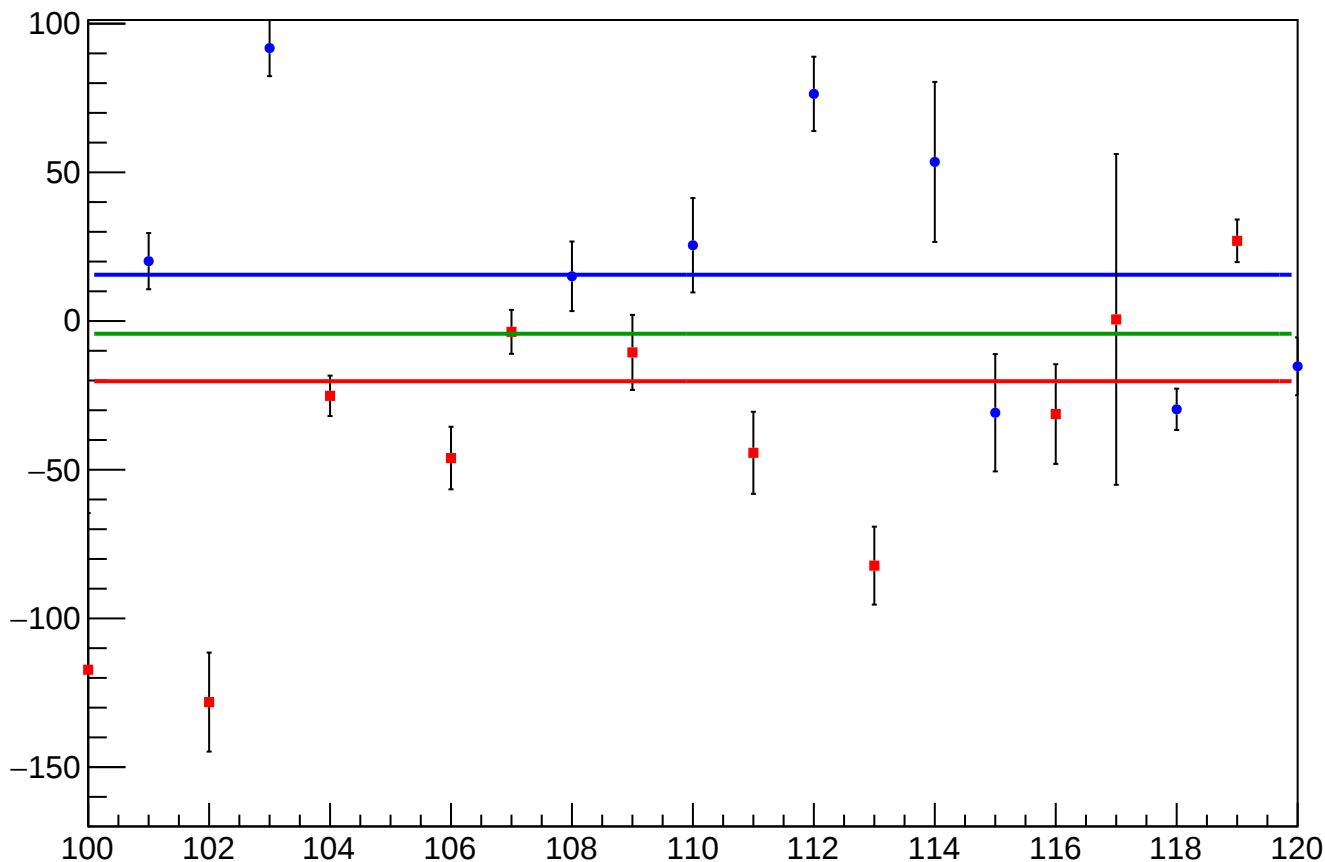
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-429.280+/-6.230 χ^2/NDF : 1428.5/8

52.851+/-4.095 χ^2/NDF : 13547.4/19

419.743+/-5.434 χ^2/NDF : 1570.8/10

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.568+/-3.642 χ^2/NDF : 149.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.232+/-3.267 χ^2/NDF : 127.0/10

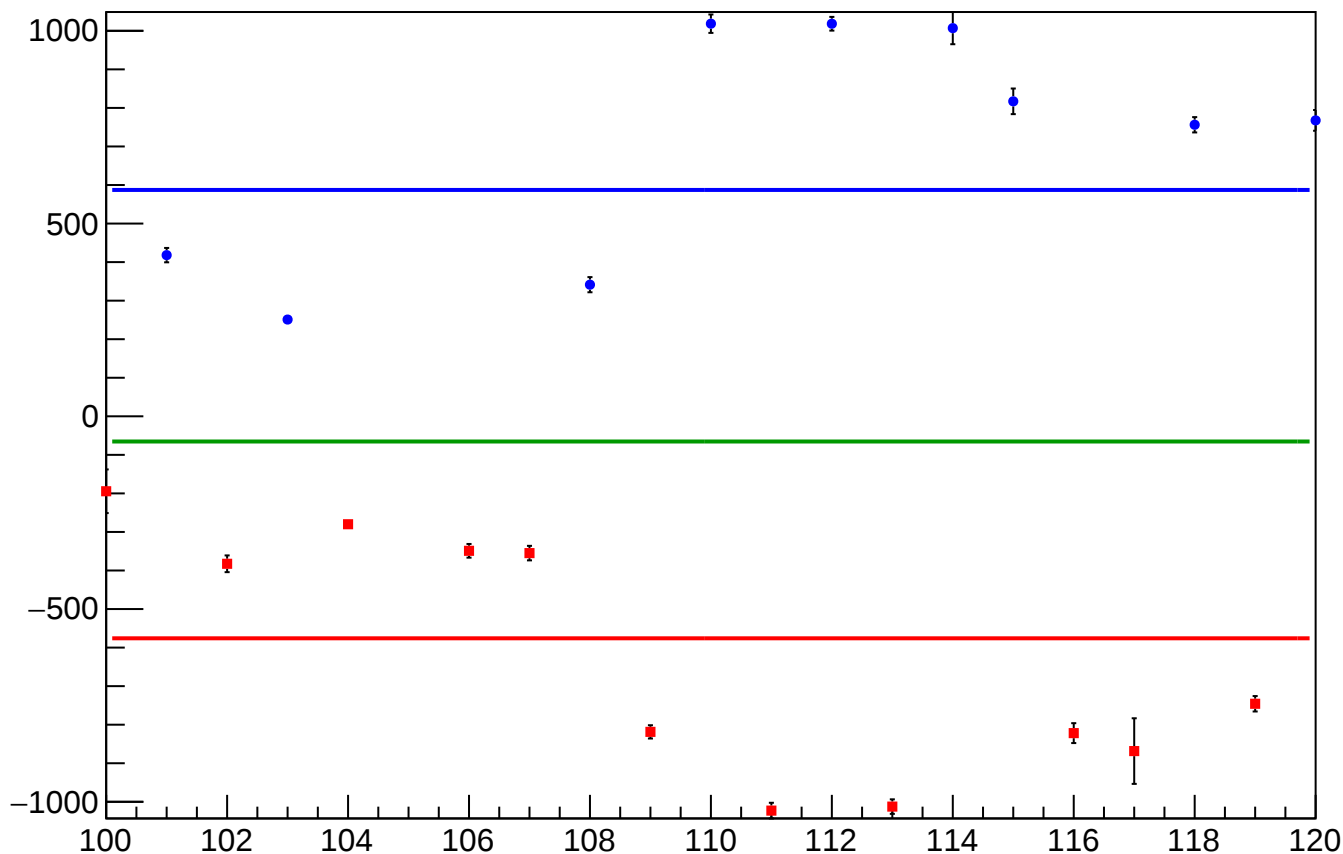
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.568+/-3.642 χ^2/NDF : 149.5/8

-4.270+/-2.432 χ^2/NDF : 330.0/19

-20.232+/-3.267 χ^2/NDF : 127.0/10

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 587.206±/-6.730 χ^2/NDF : 2131.0/8

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -575.899±/-5.953 χ^2/NDF : 2435.8/10

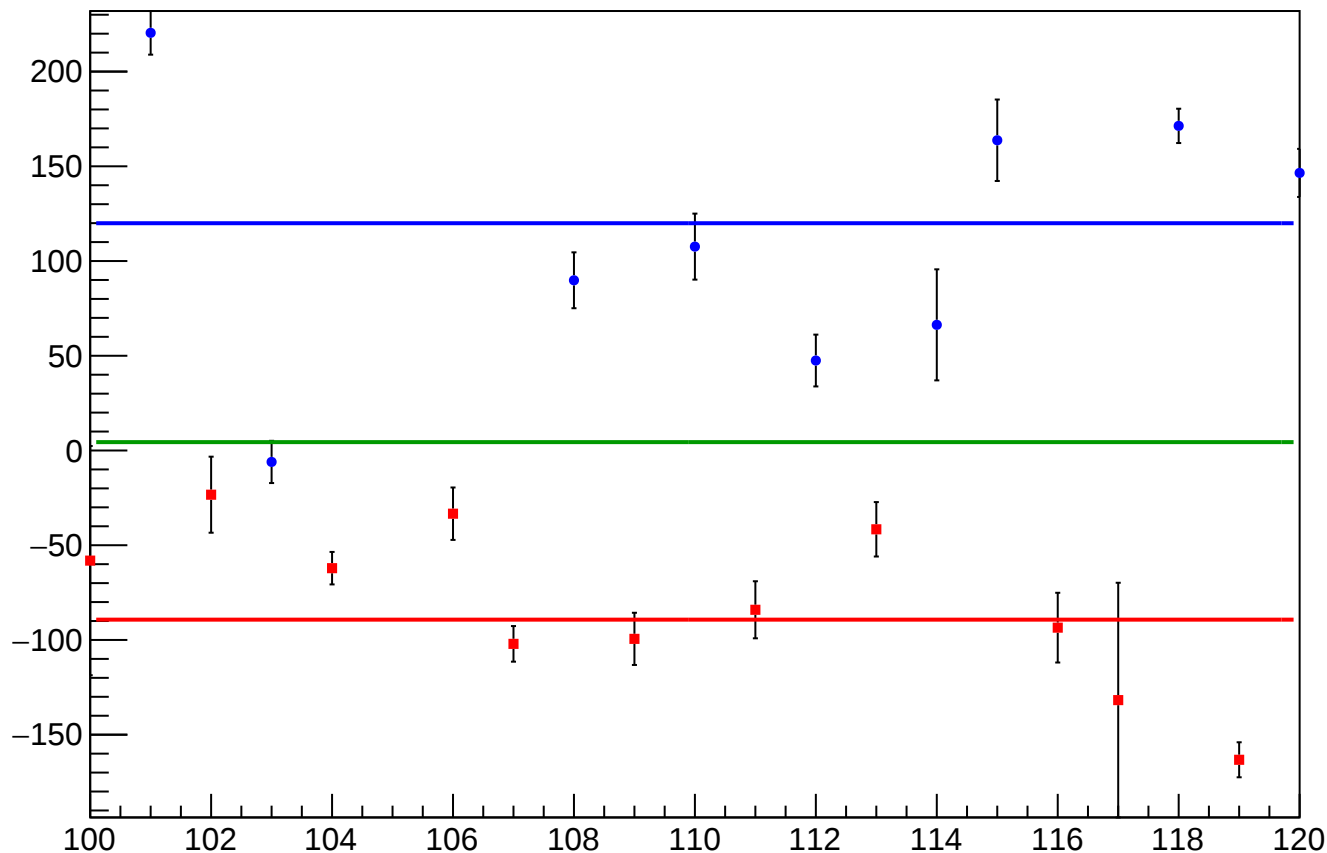
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

587.206±/-6.730 χ^2/NDF : 2131.0/8

-65.358±/-4.459 χ^2/NDF : 21322.7/19

-575.899±/-5.953 χ^2/NDF : 2435.8/10

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 119.959+/-4.447 χ^2/NDF : 280.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.279+/-4.005 χ^2/NDF : 115.6/10

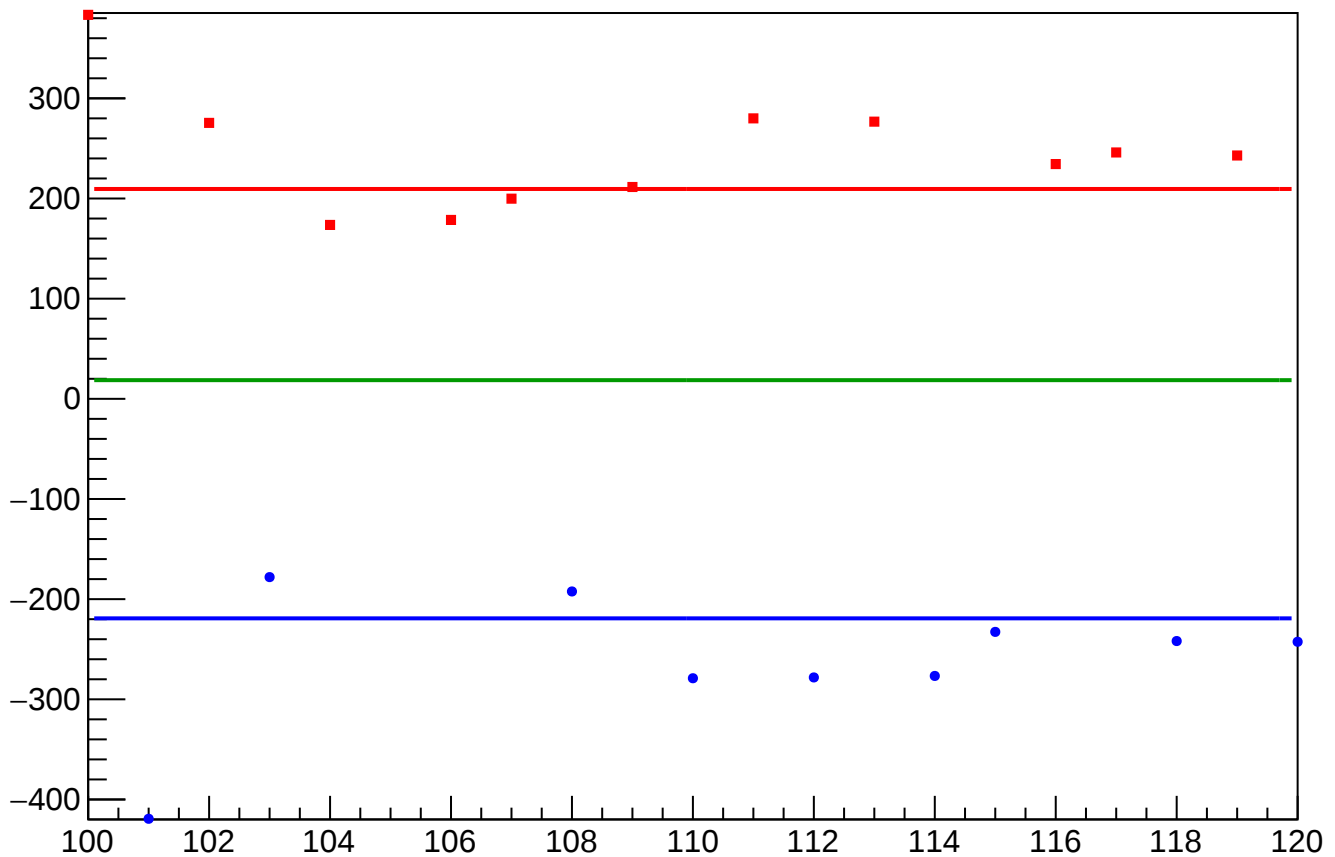
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

119.959+/-4.447 χ^2/NDF : 280.7/8

4.420+/-2.976 χ^2/NDF : 1618.7/19

-89.279+/-4.005 χ^2/NDF : 115.6/10

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.173+/-0.200 χ^2/NDF : 123846.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.515+/-0.179 χ^2/NDF : 58113.0/10

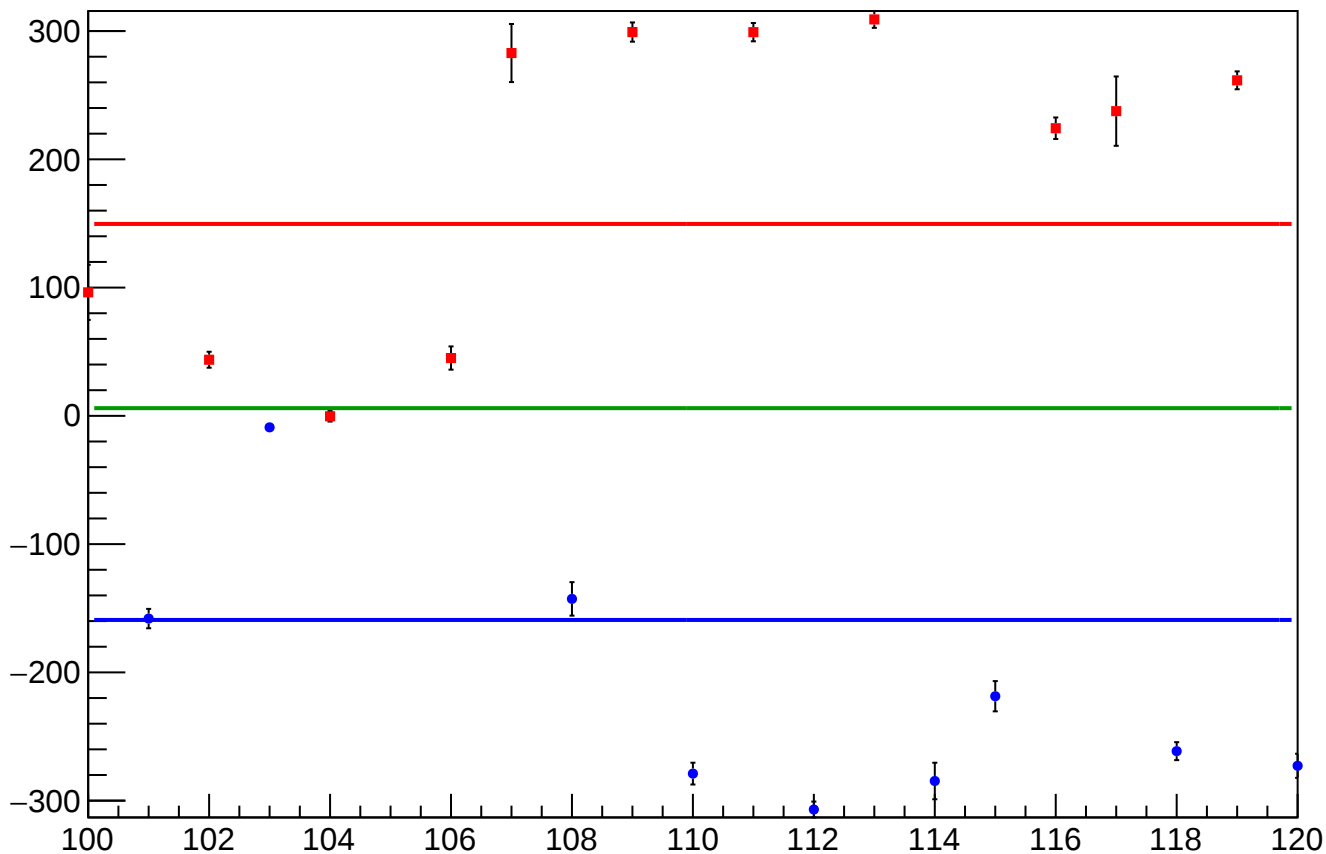
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-219.173+/-0.200 χ^2/NDF : 123846.6/8

18.639+/-0.134 χ^2/NDF : 2724474.1/19

209.515+/-0.179 χ^2/NDF : 58113.0/10

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -159.110 ± 2.407 $\chi^2/\text{NDF}: 2707.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 149.625 ± 2.245 $\chi^2/\text{NDF}: 3575.2/10$

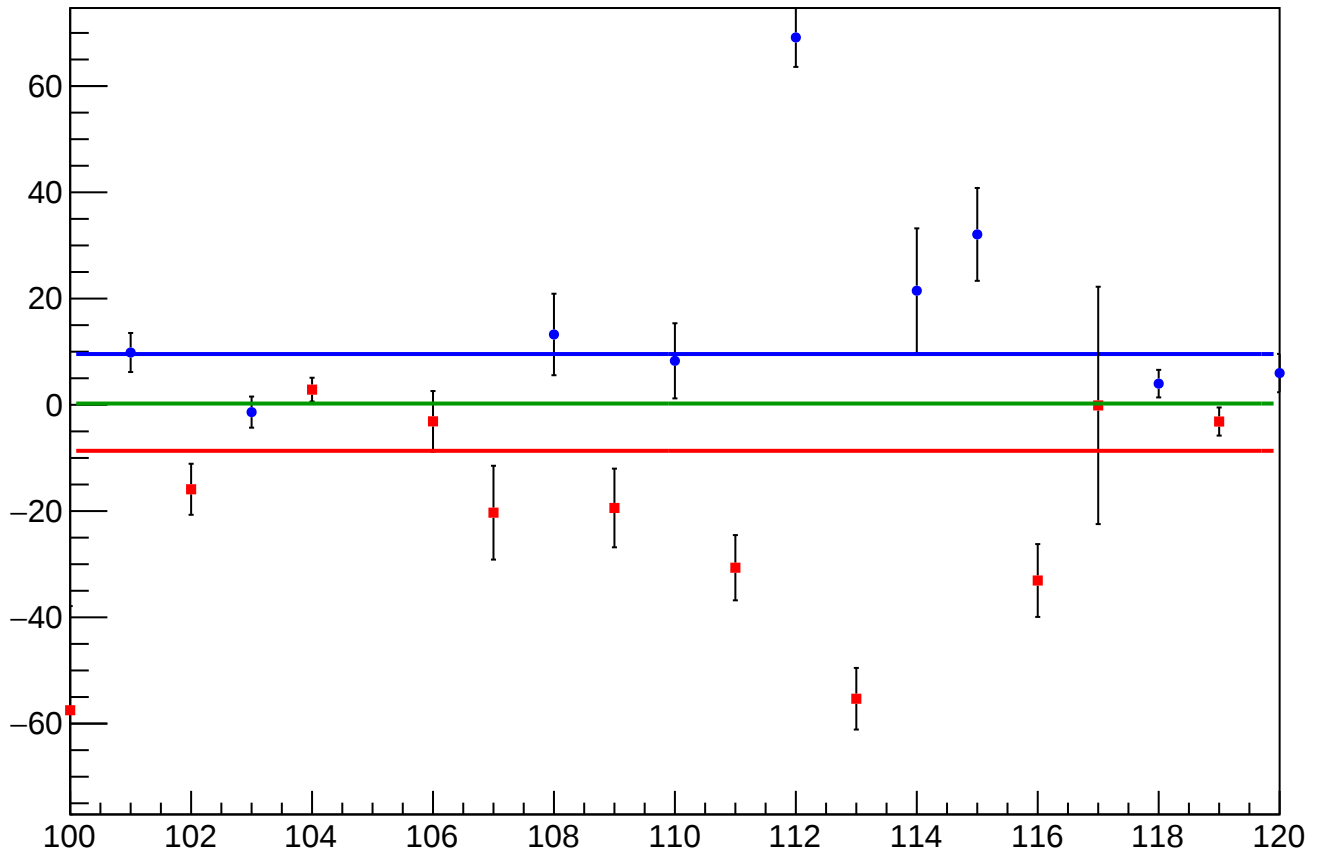
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-159.110 ± 2.407 $\chi^2/\text{NDF}: 2707.0/8$

5.996 ± 1.642 $\chi^2/\text{NDF}: 15078.5/19$

149.625 ± 2.245 $\chi^2/\text{NDF}: 3575.2/10$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.560+/-1.406 χ^2/NDF : 143.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.656+/-1.374 χ^2/NDF : 134.6/10

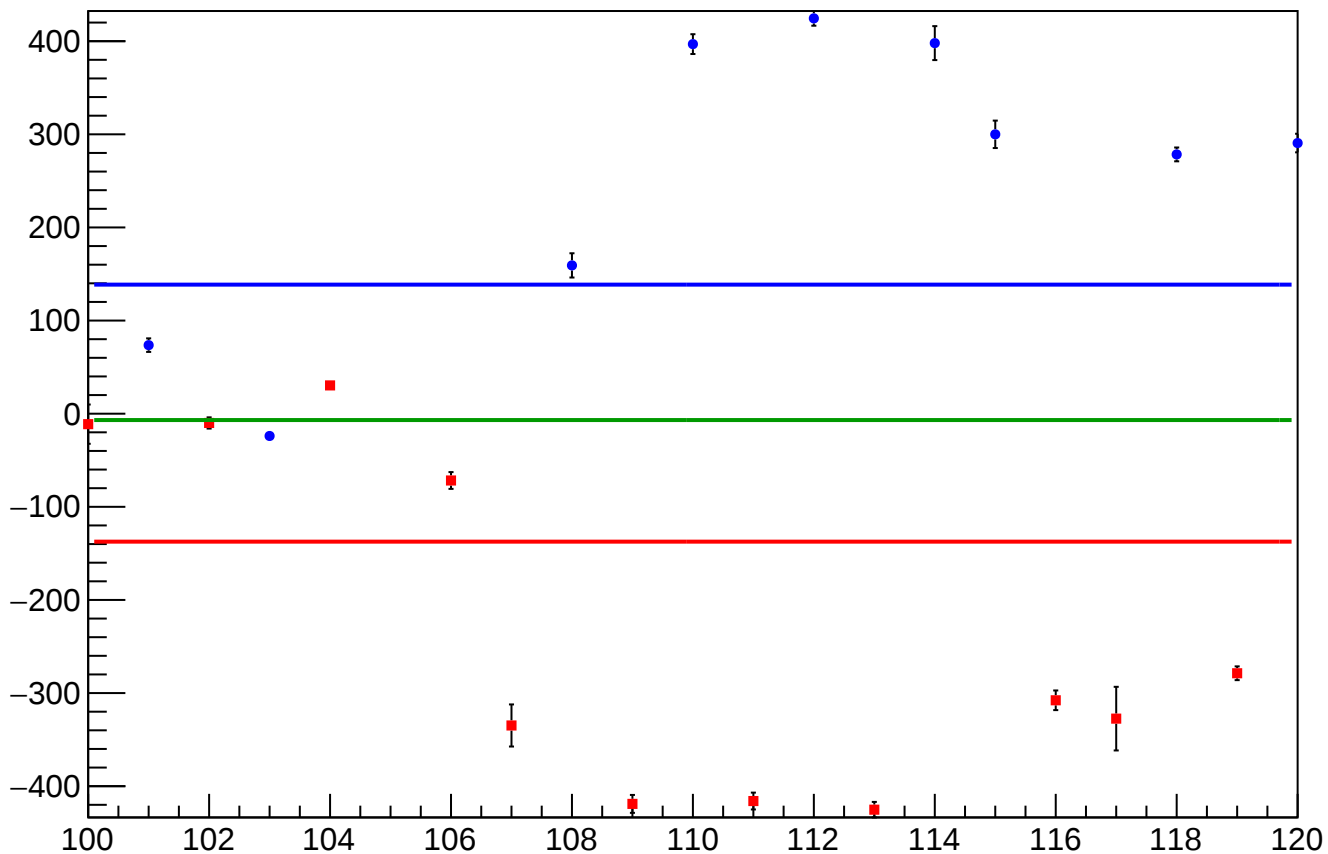
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.560+/-1.406 χ^2/NDF : 143.0/8

0.242+/-0.982 χ^2/NDF : 363.5/19

-8.656+/-1.374 χ^2/NDF : 134.6/10

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 138.588+/-2.537 χ^2/NDF : 4741.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -137.399+/-2.404 χ^2/NDF : 6051.3/10

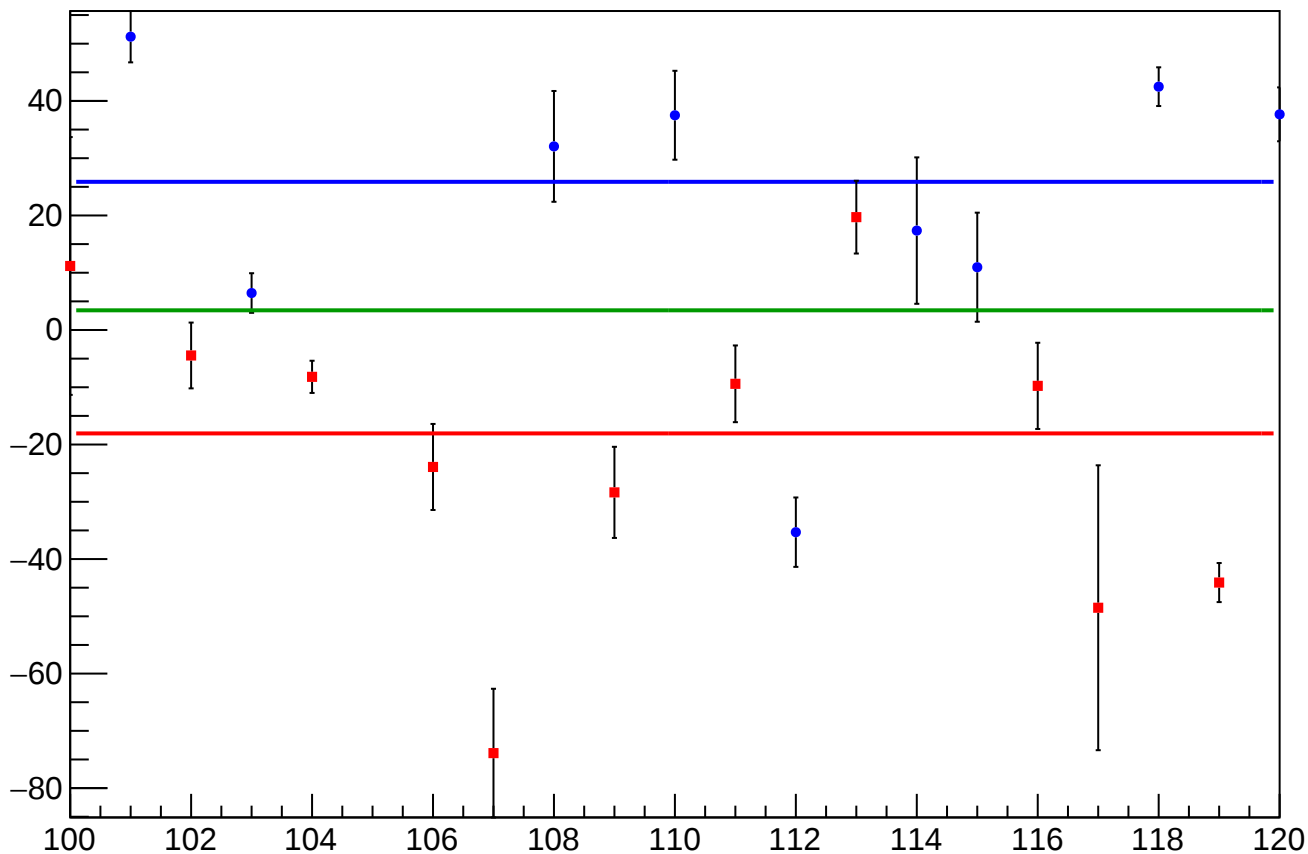
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

138.588+/-2.537 χ^2/NDF : 4741.6/8

-6.827+/-1.745 χ^2/NDF : 17030.2/19

-137.399+/-2.404 χ^2/NDF : 6051.3/10

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.876+/-1.721 χ^2/NDF : 201.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.060+/-1.684 χ^2/NDF : 144.6/10

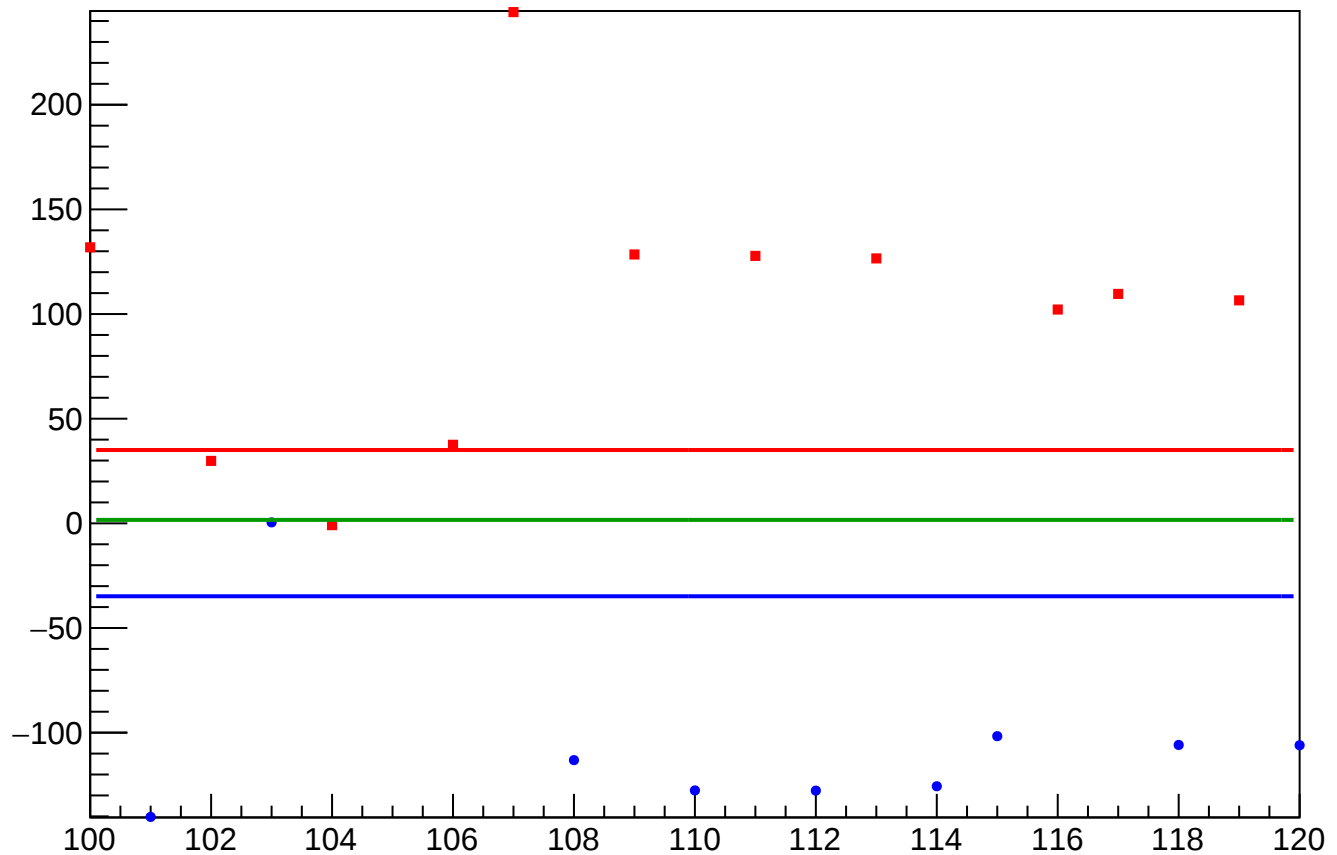
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

25.876+/-1.721 χ^2/NDF : 201.4/8

3.436+/-1.204 χ^2/NDF : 679.0/19

-18.060+/-1.684 χ^2/NDF : 144.6/10

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -34.838 ± 0.071 $\chi^2/\text{NDF}: 605202.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 35.037 ± 0.068 $\chi^2/\text{NDF}: 547872.0/10$

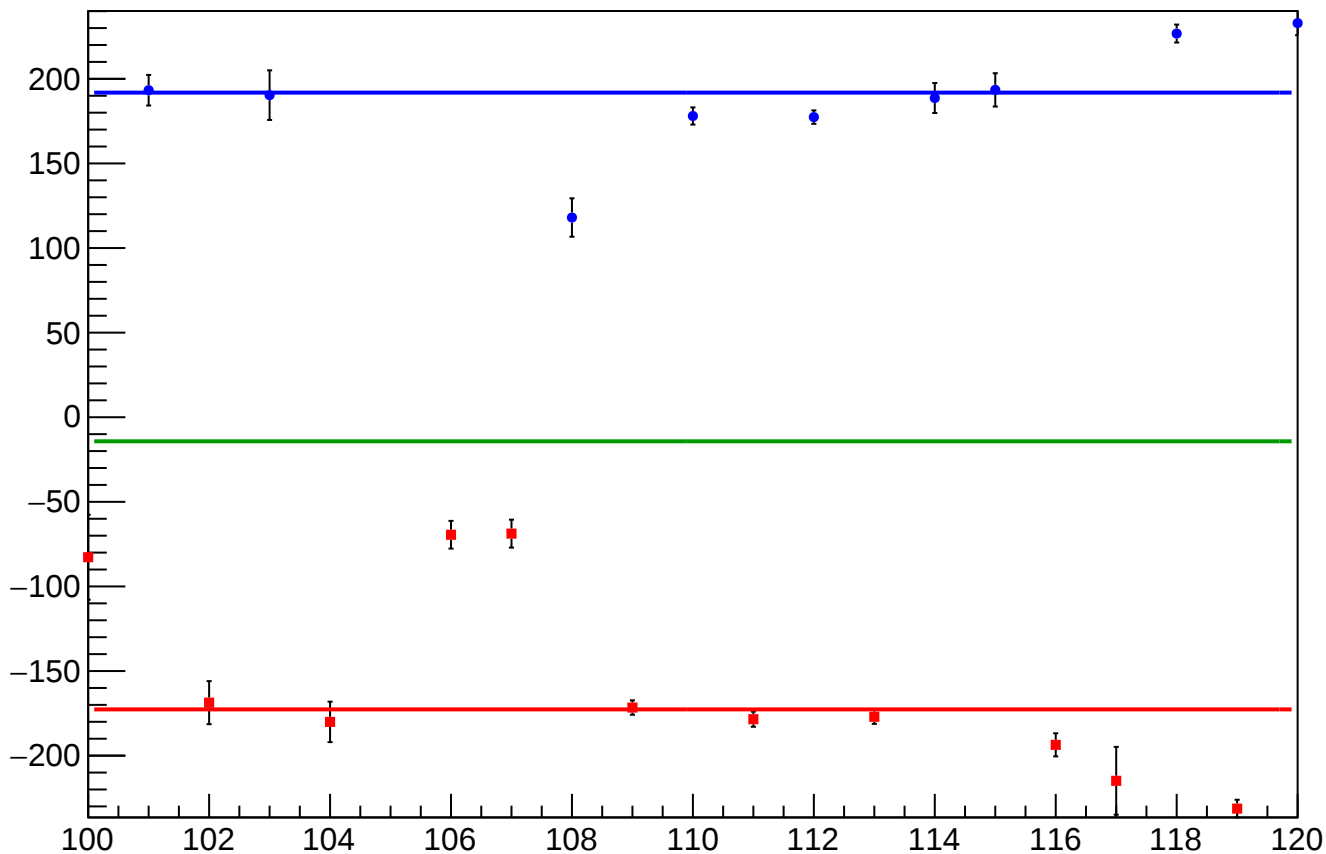
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-34.838 ± 0.071 $\chi^2/\text{NDF}: 605202.3/8$

1.652 ± 0.049 $\chi^2/\text{NDF}: 1653087.8/19$

35.037 ± 0.068 $\chi^2/\text{NDF}: 547872.0/10$

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 191.853 ± 2.207 χ^2/NDF : 139.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -172.662 ± 1.935 χ^2/NDF : 472.6/10

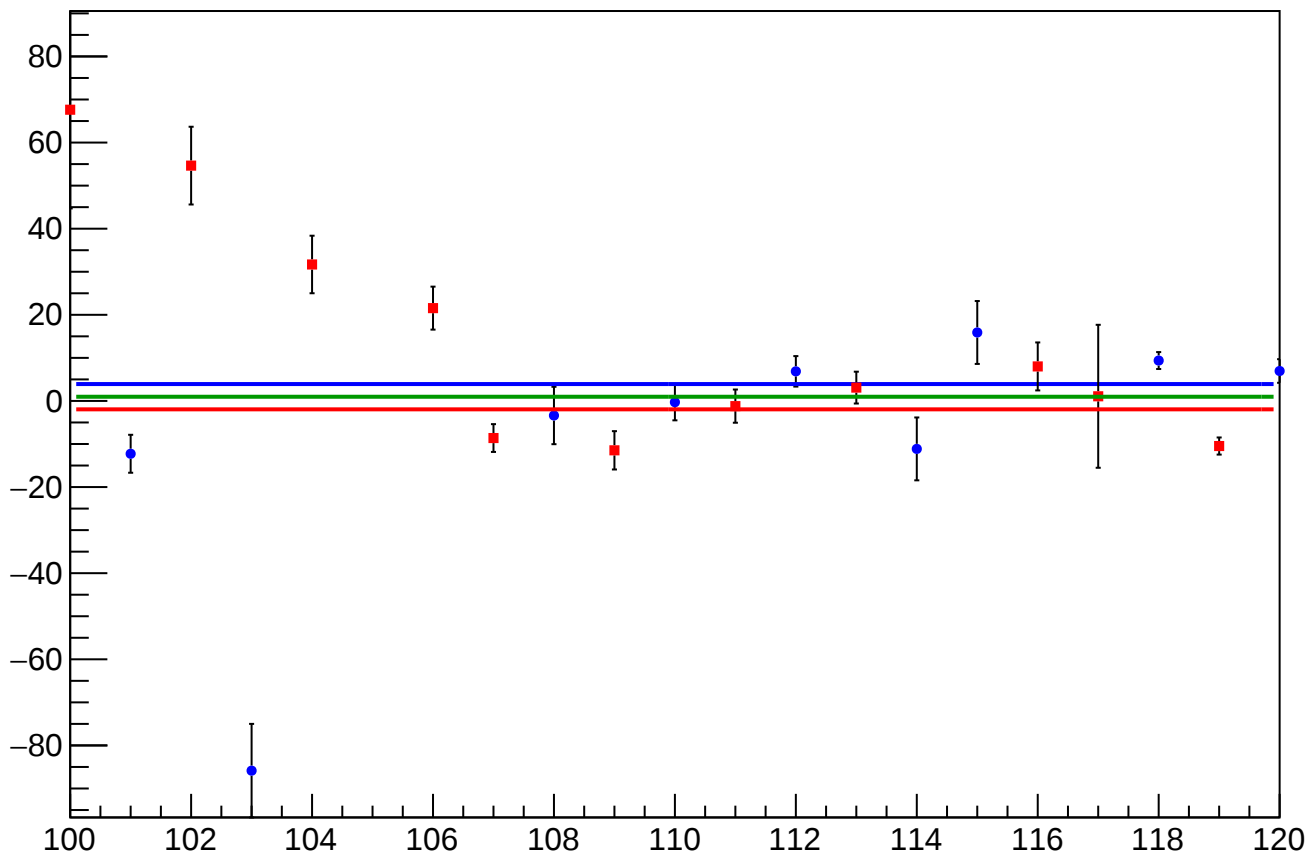
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

191.853 ± 2.207 χ^2/NDF : 139.5/8

-14.229 ± 1.455 χ^2/NDF : 16035.7/19

-172.662 ± 1.935 χ^2/NDF : 472.6/10

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.920+/-1.242 χ^2/NDF : 100.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.952+/-1.238 χ^2/NDF : 128.4/10

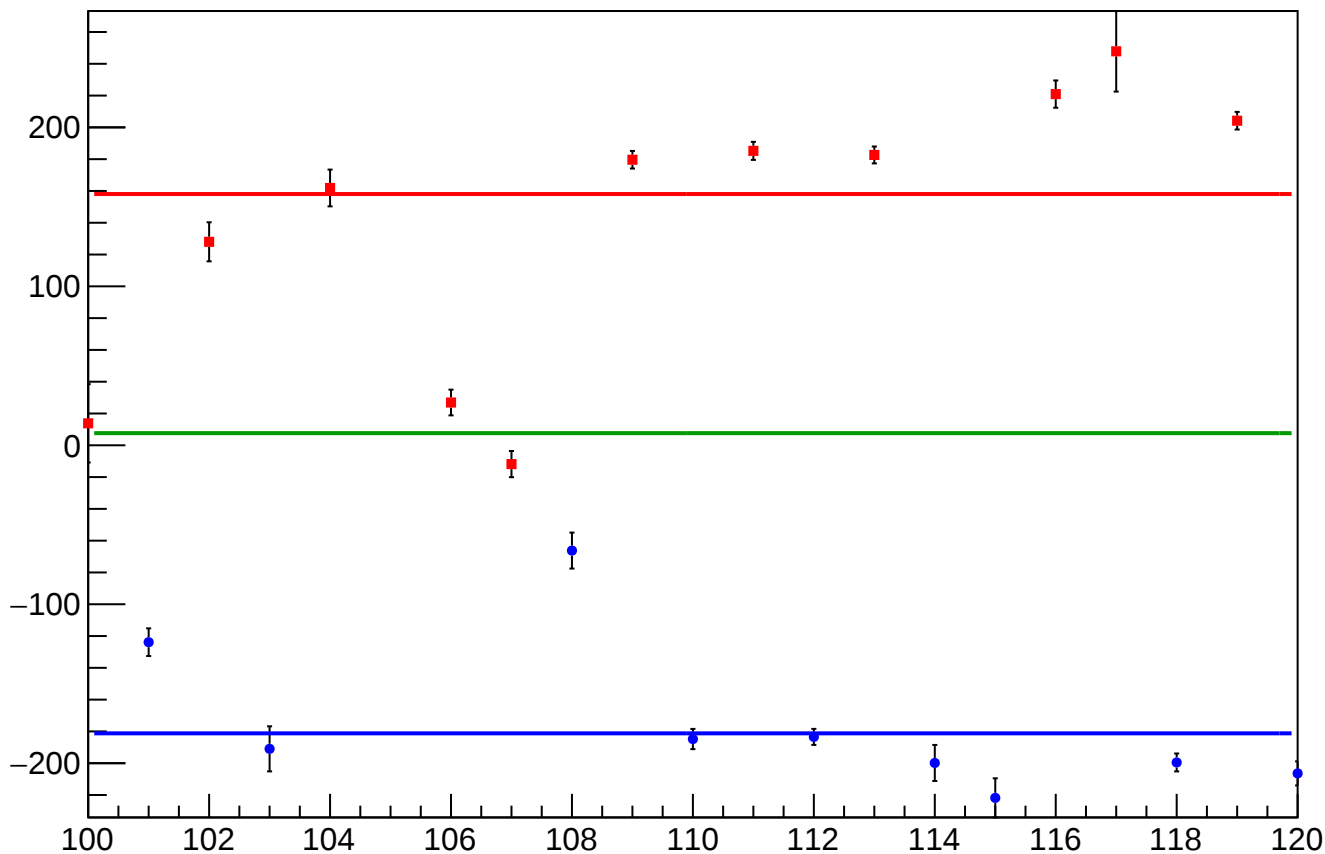
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.920+/-1.242 χ^2/NDF : 100.6/8

0.973+/-0.877 χ^2/NDF : 240.2/19

-1.952+/-1.238 χ^2/NDF : 128.4/10

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -181.213+/-2.554 χ^2/NDF : 182.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.065+/-2.279 χ^2/NDF : 922.6/10

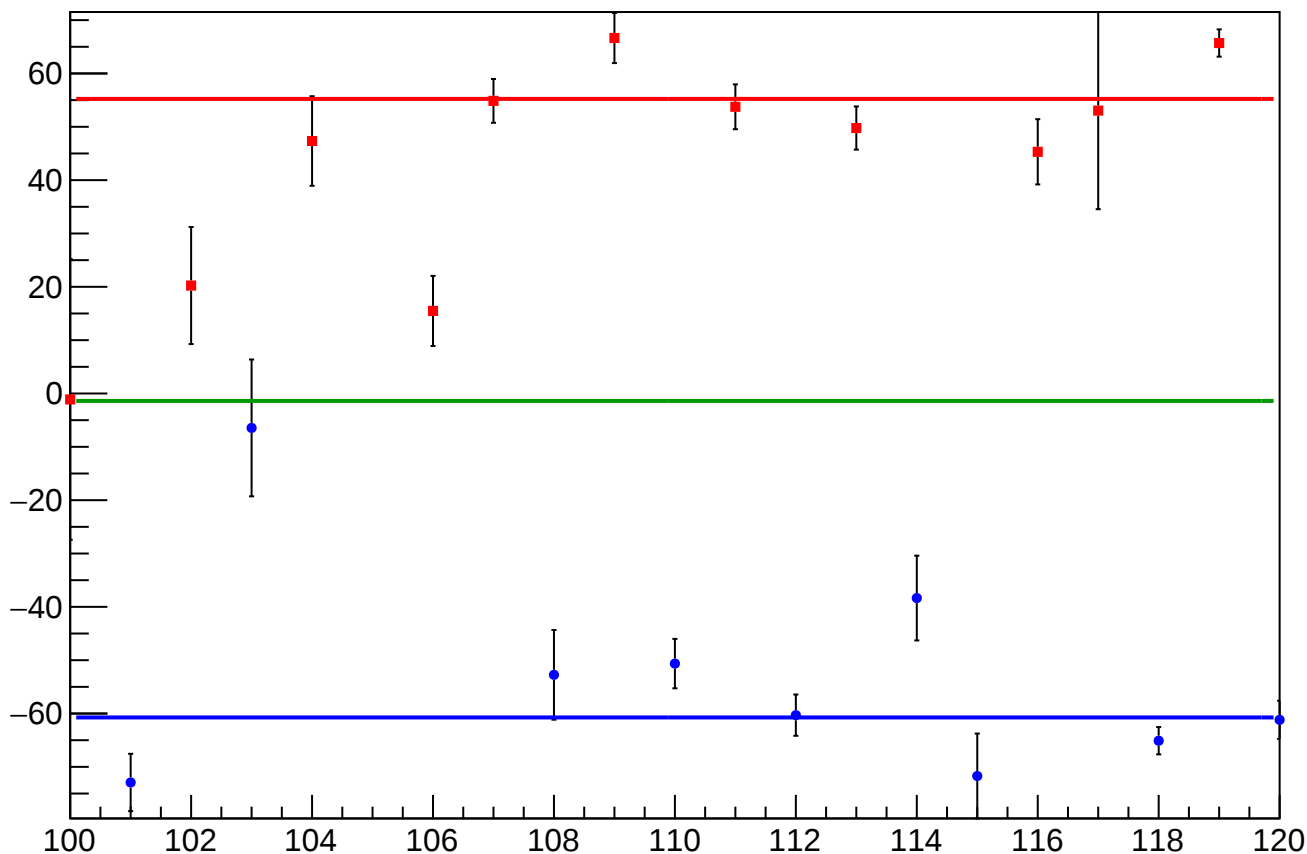
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-181.213+/-2.554 χ^2/NDF : 182.7/8

7.639+/-1.701 χ^2/NDF : 10929.3/19

158.065+/-2.279 χ^2/NDF : 922.6/10

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -60.735 $\pm$ 1.524 χ^2 /NDF: 41.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.231 $\pm$ 1.488 χ^2 /NDF: 79.5/10

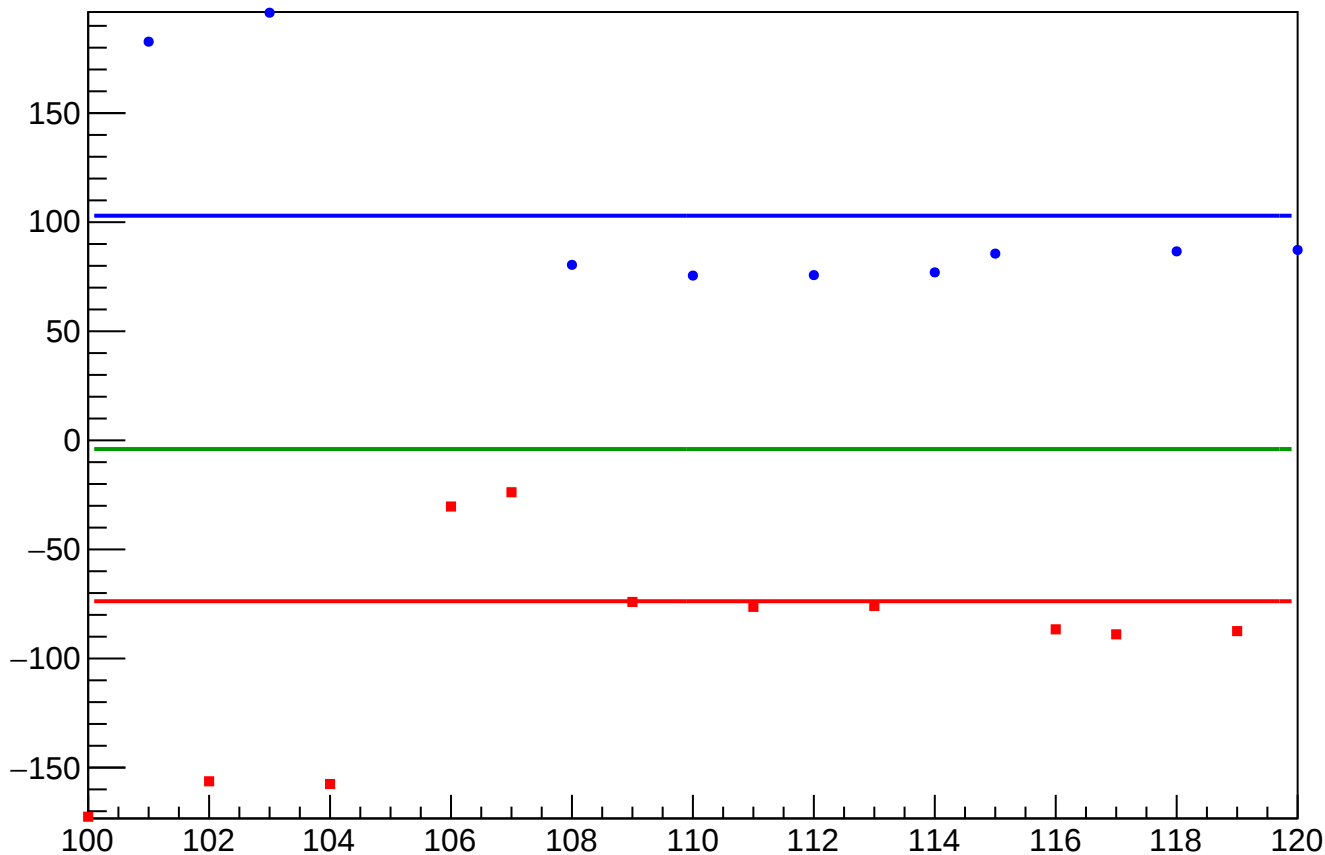
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-60.735 $\pm$ 1.524 χ^2 /NDF: 41.5/8

-1.392 $\pm$ 1.065 χ^2 /NDF: 3085.4/19

55.231 $\pm$ 1.488 χ^2 /NDF: 79.5/10

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.968 $\pm$ 0.100 χ^2 /NDF: 189909.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -73.745 $\pm$ 0.081 χ^2 /NDF: 300091.5/10

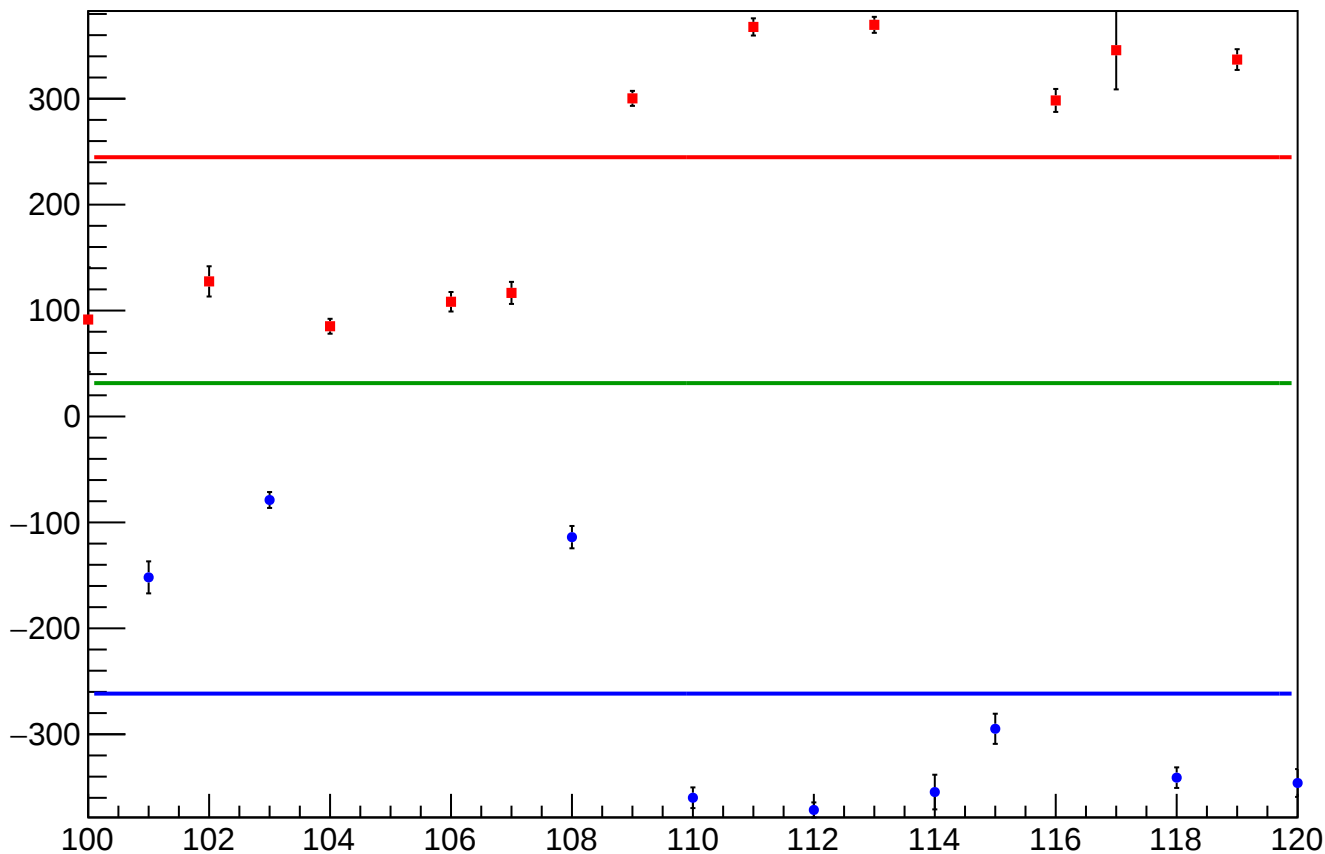
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

102.968 $\pm$ 0.100 χ^2 /NDF: 189909.7/8

-3.990 $\pm$ 0.063 χ^2 /NDF: 2361400.2/19

-73.745 $\pm$ 0.081 χ^2 /NDF: 300091.5/10

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -261.613+/-3.401 χ^2 /NDF: 1327.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 244.768+/-2.901 χ^2 /NDF: 1648.3/10

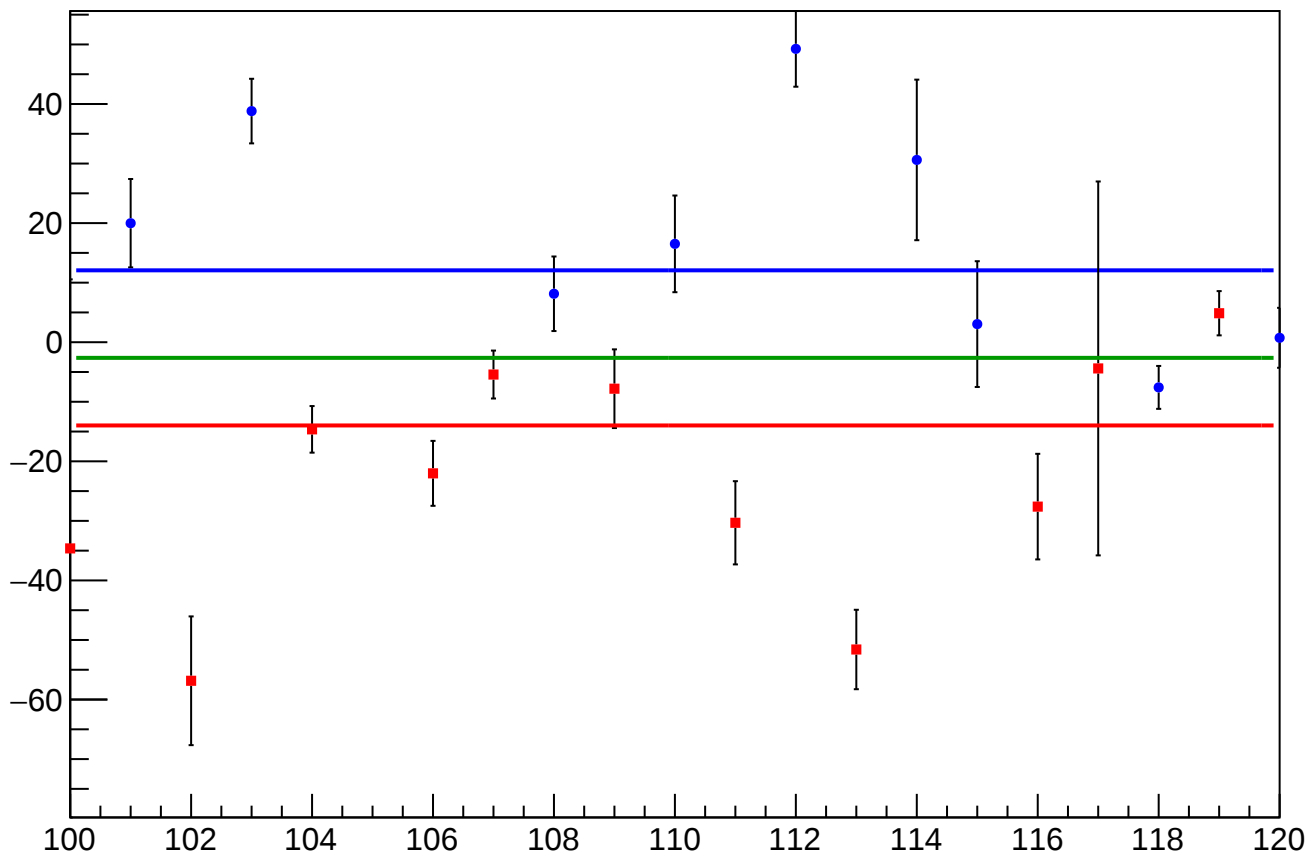
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-261.613+/-3.401 χ^2 /NDF: 1327.4/8

31.504+/-2.207 χ^2 /NDF: 15811.6/19

244.768+/-2.901 χ^2 /NDF: 1648.3/10

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.070+/-2.006 χ^2/NDF : 97.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.977+/-1.763 χ^2/NDF : 89.0/10

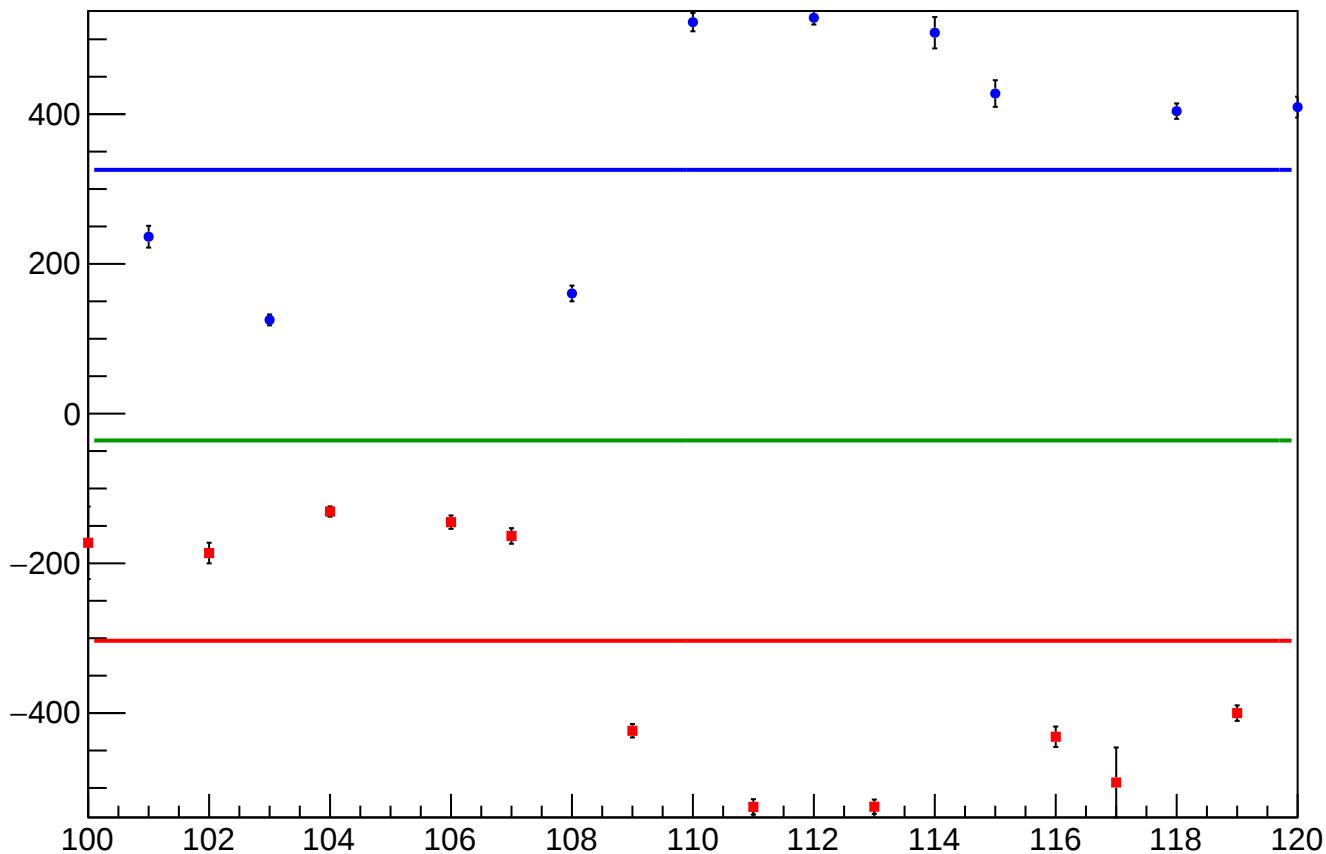
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.070+/-2.006 χ^2/NDF : 97.8/8

-2.627+/-1.324 χ^2/NDF : 282.0/19

-13.977+/-1.763 χ^2/NDF : 89.0/10

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 325.637 ± 3.736 $\chi^2/\text{NDF}: 2014.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -303.386 ± 3.214 $\chi^2/\text{NDF}: 2585.5/10$

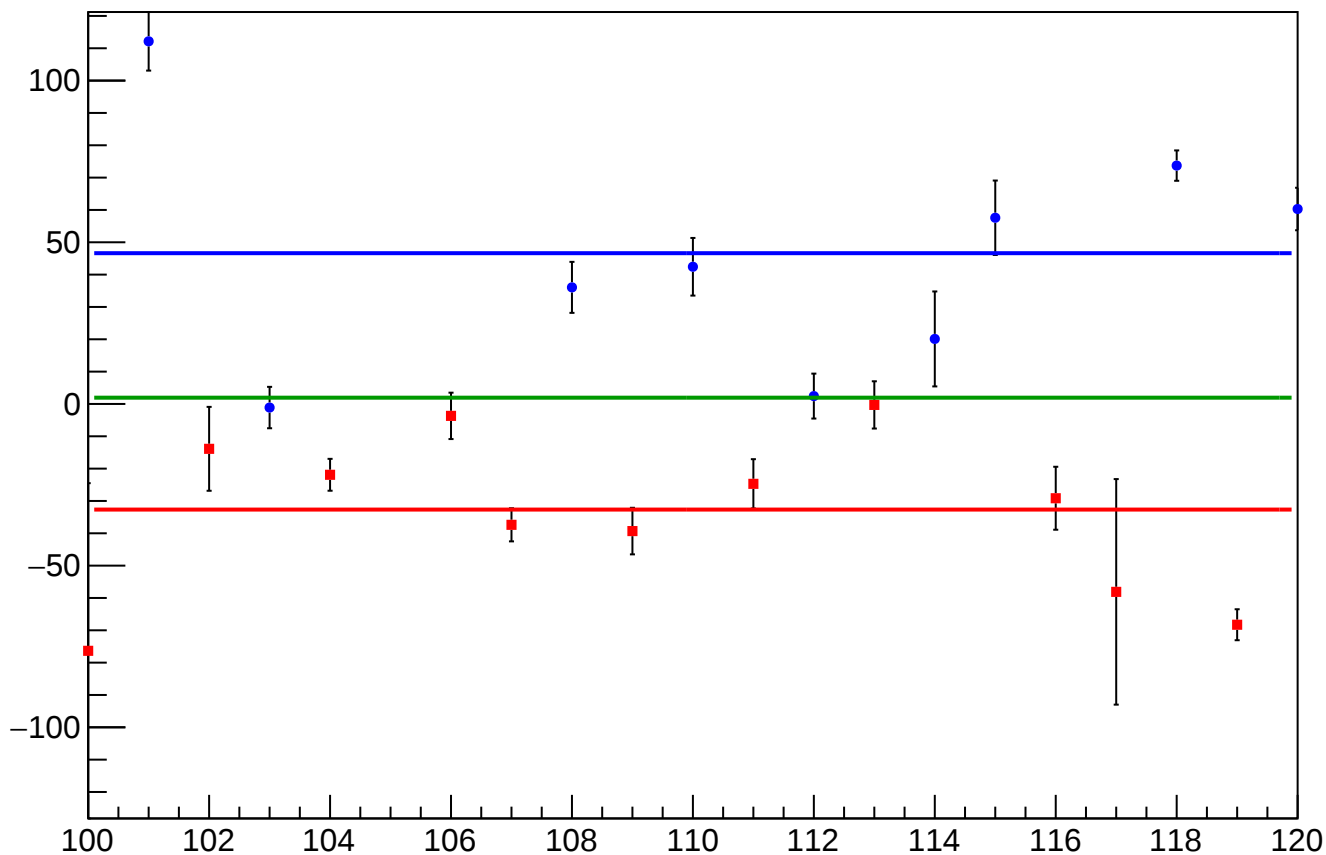
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

325.637 ± 3.736 $\chi^2/\text{NDF}: 2014.4/8$

-35.849 ± 2.437 $\chi^2/\text{NDF}: 20889.6/19$

-303.386 ± 3.214 $\chi^2/\text{NDF}: 2585.5/10$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.627+/-2.449 χ^2/NDF : 192.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.663+/-2.156 χ^2/NDF : 102.2/10

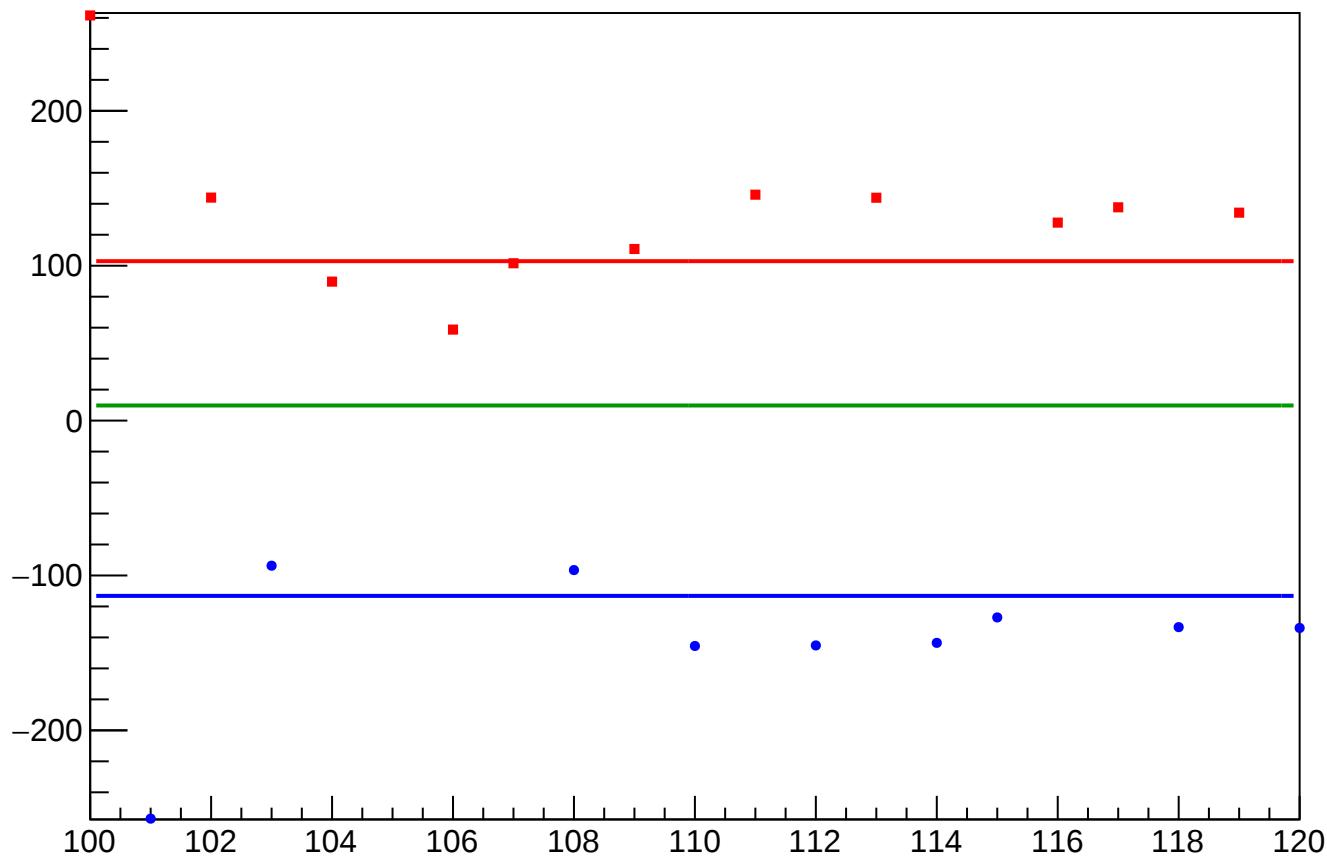
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.627+/-2.449 χ^2/NDF : 192.2/8

1.941+/-1.618 χ^2/NDF : 884.9/19

-32.663+/-2.156 χ^2/NDF : 102.2/10

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -113.177+/-0.113 χ^2/NDF : 108158.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.938+/-0.098 χ^2/NDF : 88642.3/10

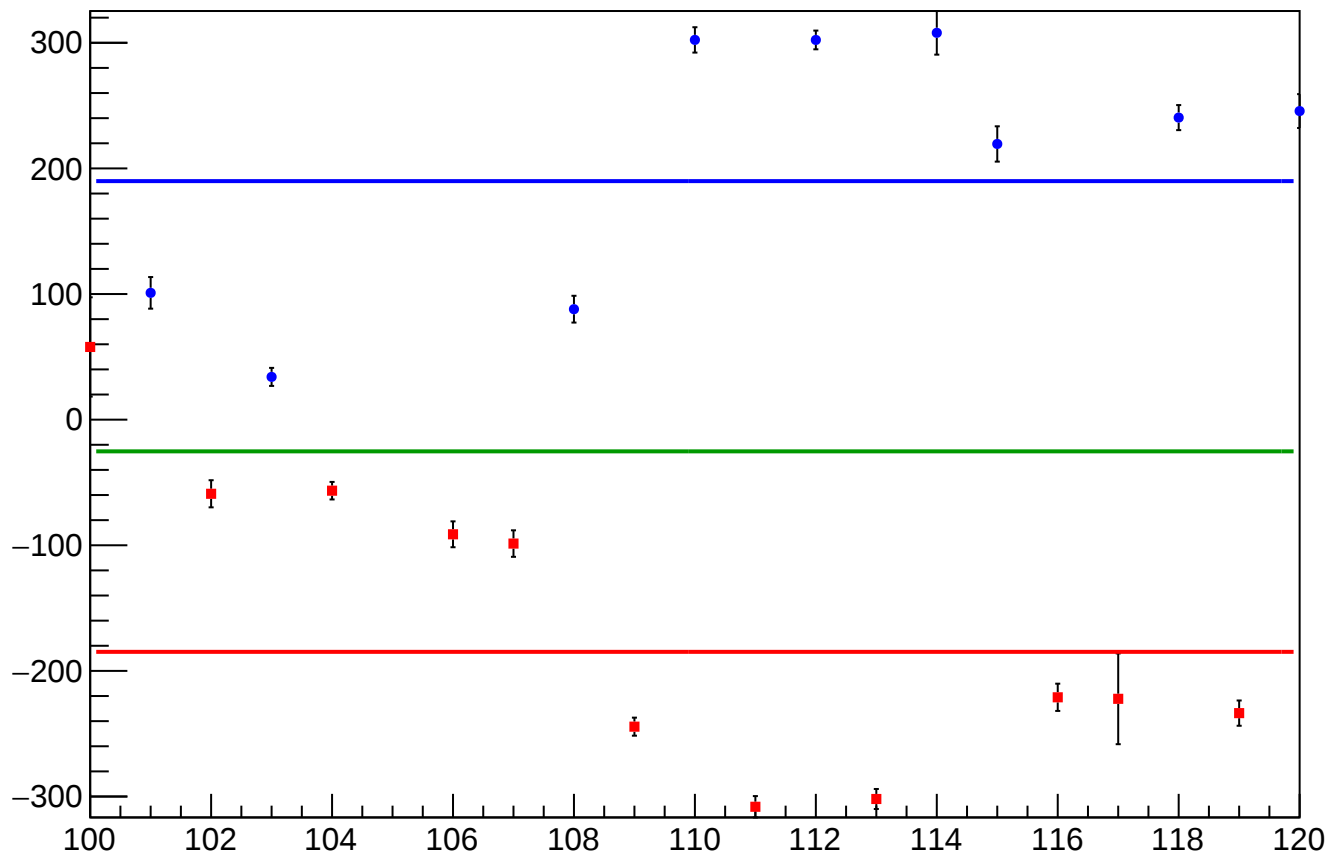
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-113.177+/-0.113 χ^2/NDF : 108158.9/8

9.756+/-0.074 χ^2/NDF : 2278480.9/19

102.938+/-0.098 χ^2/NDF : 88642.3/10

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 189.886 $\pm$ 3.404 χ^2 /NDF: 1057.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -184.833 $\pm$ 2.932 χ^2 /NDF: 1191.9/10

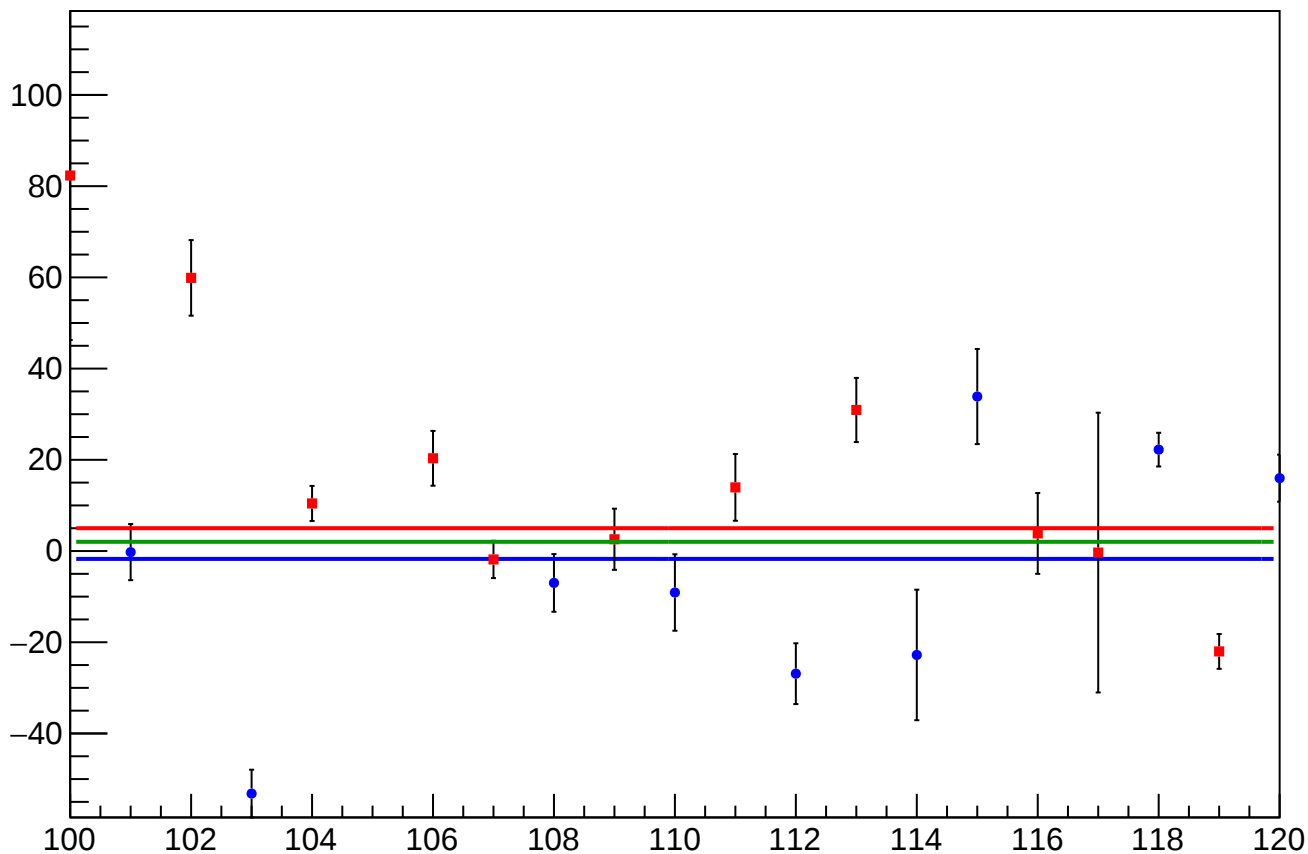
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

189.886 $\pm$ 3.404 χ^2 /NDF: 1057.9/8

-25.235 $\pm$ 2.222 χ^2 /NDF: 9205.6/19

-184.833 $\pm$ 2.932 χ^2 /NDF: 1191.9/10

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.729+/-2.002 χ^2/NDF : 180.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.004+/-1.785 χ^2/NDF : 125.2/10

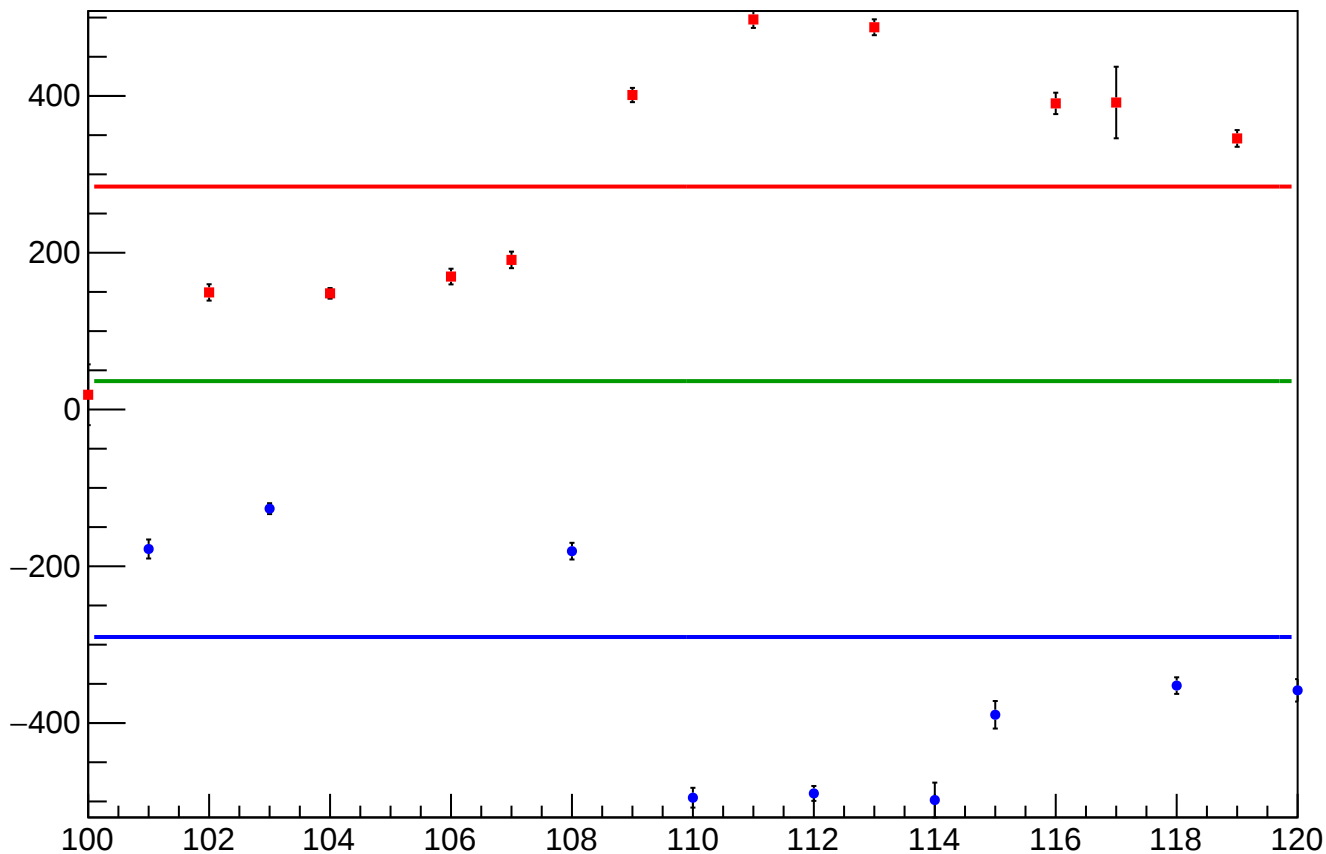
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.729+/-2.002 χ^2/NDF : 180.1/8

2.023+/-1.332 χ^2/NDF : 311.5/19

5.004+/-1.785 χ^2/NDF : 125.2/10

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -290.226 ± 3.704 $\chi^2/\text{NDF}: 1630.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 284.404 ± 3.230 $\chi^2/\text{NDF}: 1889.3/10$

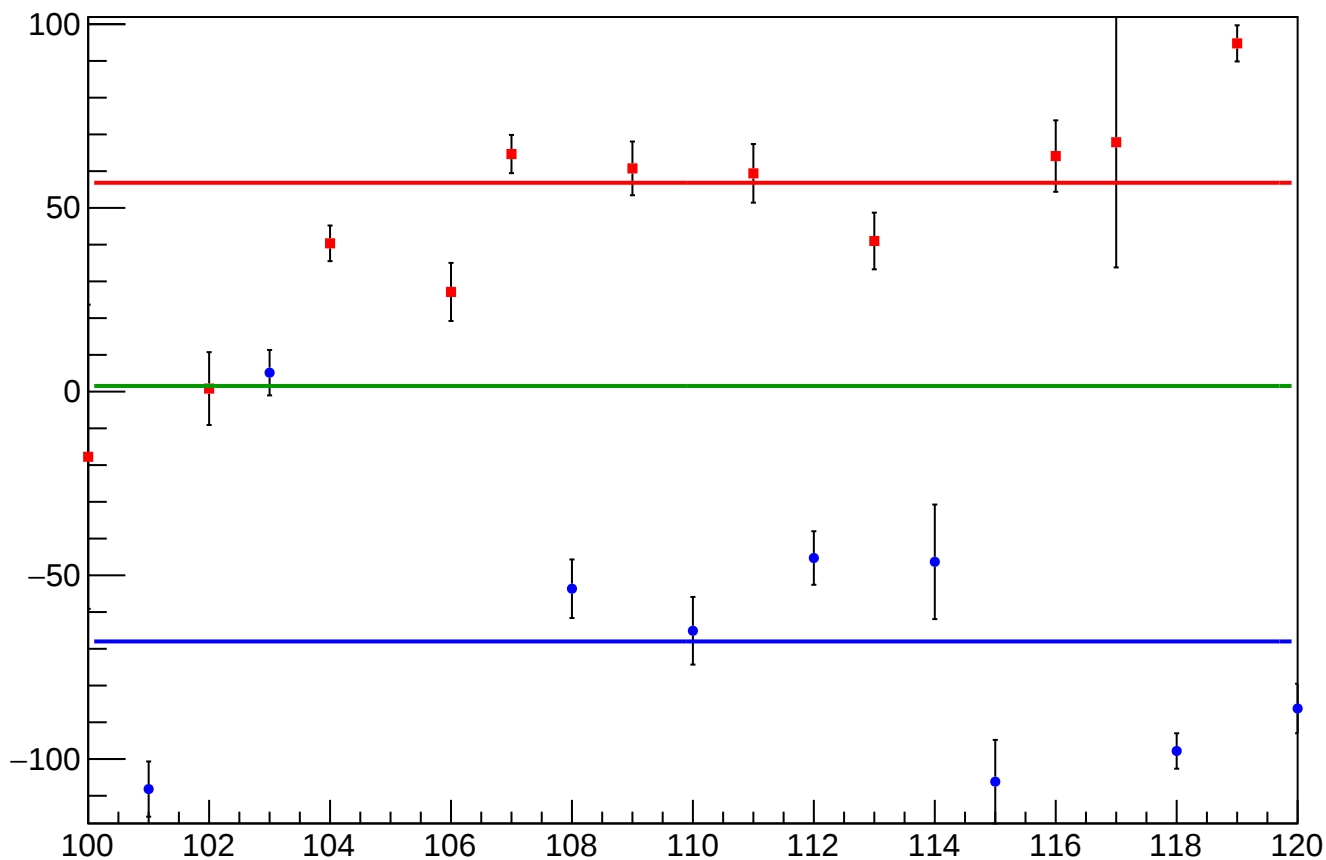
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-290.226 ± 3.704 $\chi^2/\text{NDF}: 1630.9/8$

36.228 ± 2.434 $\chi^2/\text{NDF}: 17190.4/19$

284.404 ± 3.230 $\chi^2/\text{NDF}: 1889.3/10$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.994 $\pm$ 2.445 χ^2 /NDF: 240.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.841 $\pm$ 2.181 χ^2 /NDF: 127.9/10

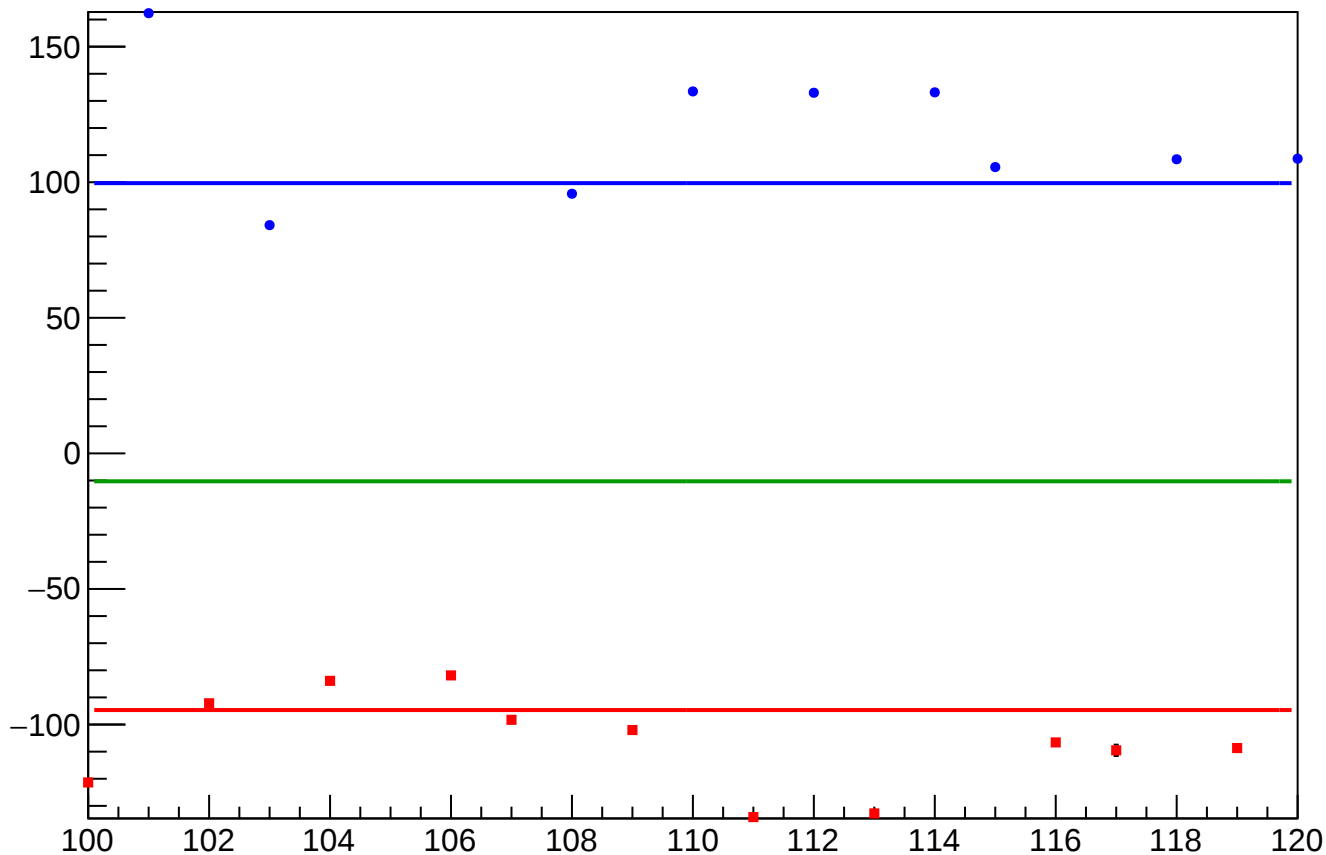
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-67.994 $\pm$ 2.445 χ^2 /NDF: 240.6/8

1.533 $\pm$ 1.628 χ^2 /NDF: 1819.9/19

56.841 $\pm$ 2.181 χ^2 /NDF: 127.9/10

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.671+/-0.110 χ^2/NDF : 41475.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.661+/-0.097 χ^2/NDF : 21816.1/10

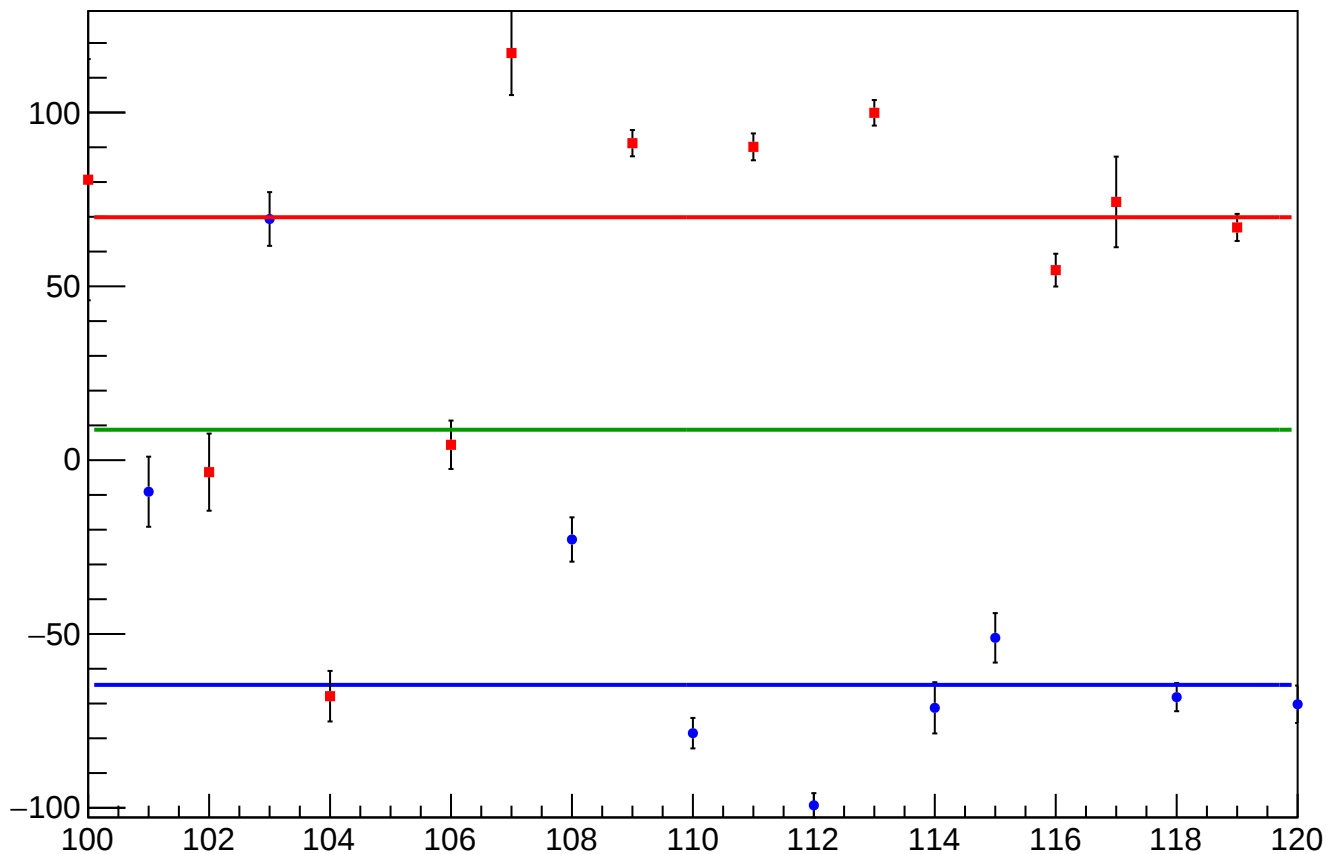
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

99.671+/-0.110 χ^2/NDF : 41475.7/8

-10.294+/-0.073 χ^2/NDF : 1815816.1/19

-94.661+/-0.097 χ^2/NDF : 21816.1/10

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -64.637 $\pm$ 1.771 χ^2 /NDF: 488.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.875 $\pm$ 1.616 χ^2 /NDF: 643.3/10

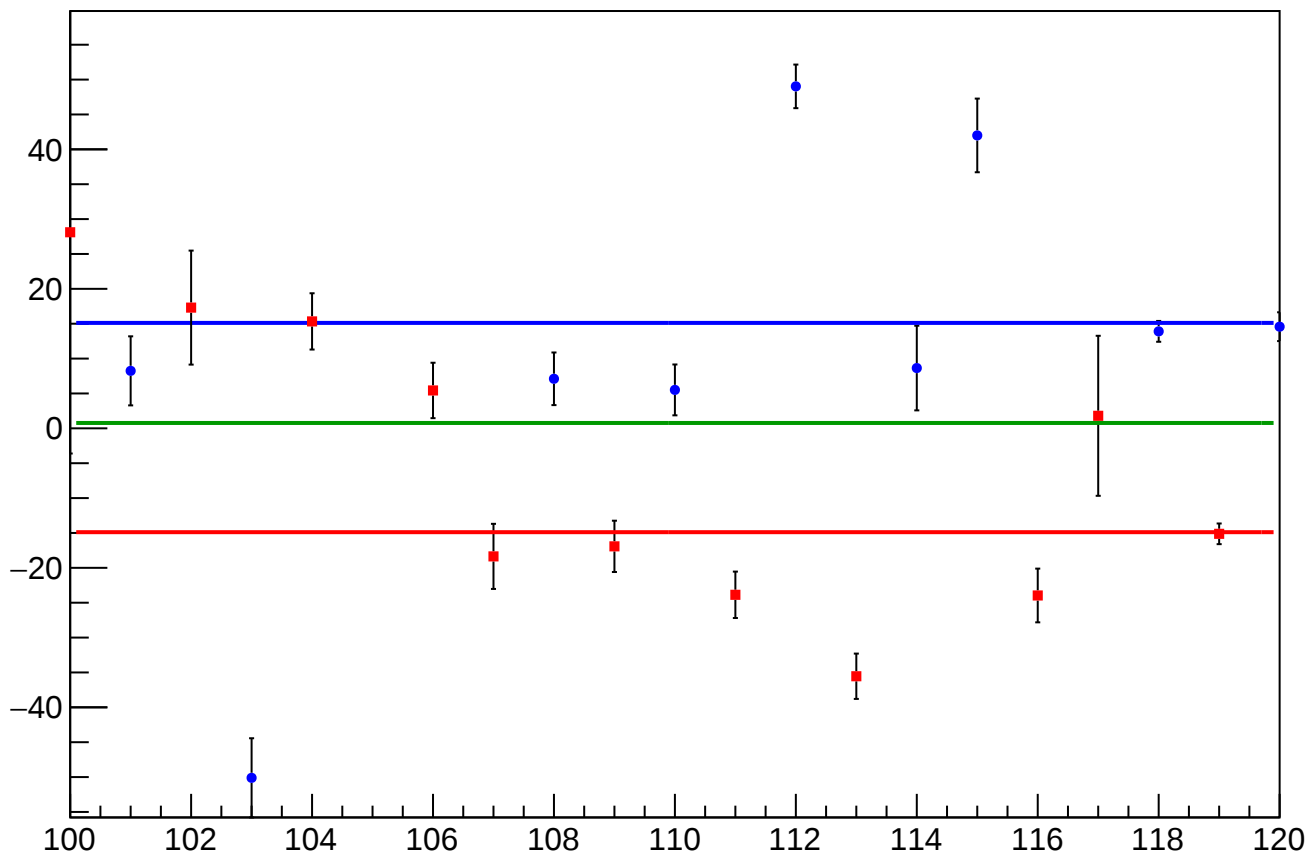
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-64.637 $\pm$ 1.771 χ^2 /NDF: 488.9/8

8.755 $\pm$ 1.194 χ^2 /NDF: 4280.3/19

69.875 $\pm$ 1.616 χ^2 /NDF: 643.3/10

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.116+/-0.969 χ^2/NDF : 290.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.889+/-1.012 χ^2/NDF : 155.9/10

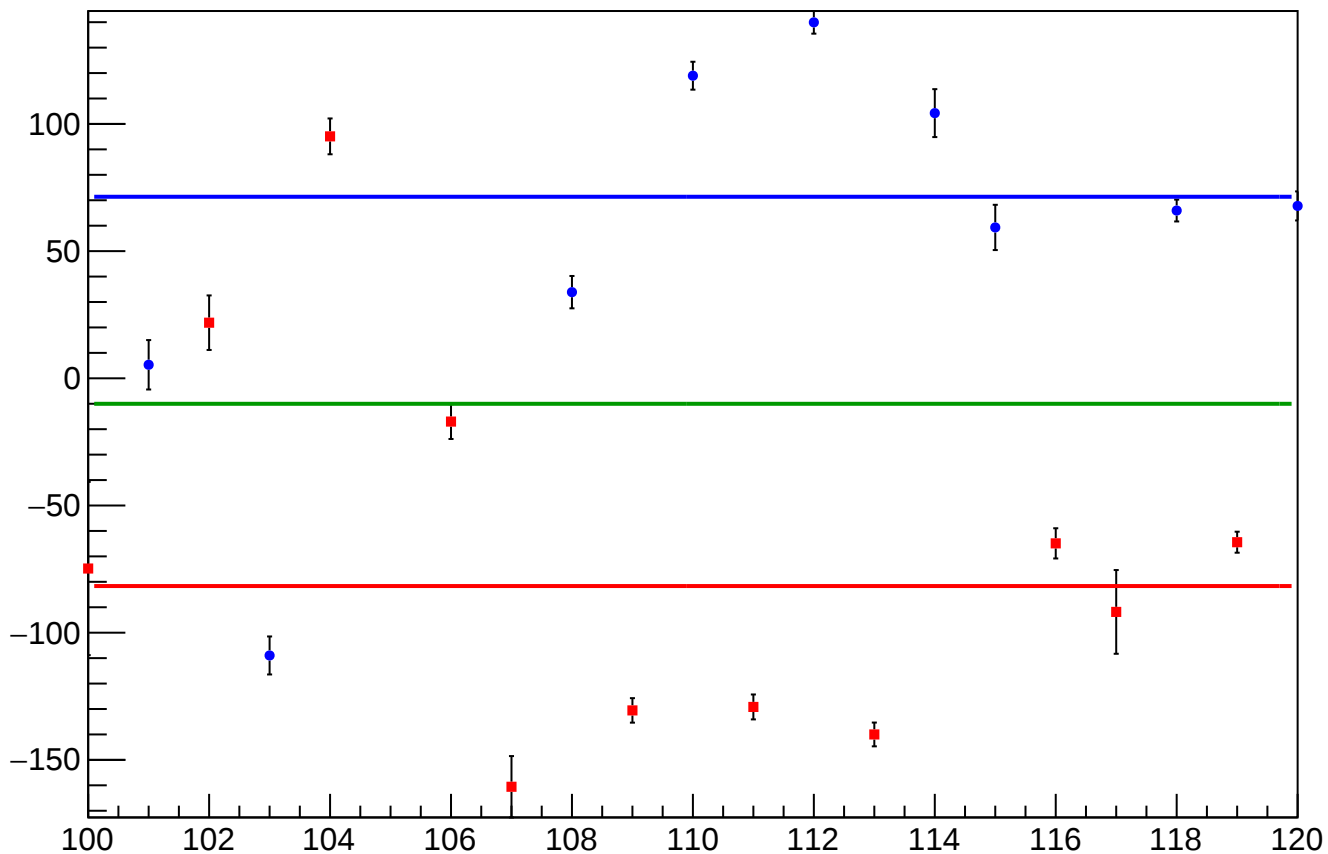
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.116+/-0.969 χ^2/NDF : 290.9/8

0.770+/-0.700 χ^2/NDF : 905.6/19

-14.889+/-1.012 χ^2/NDF : 155.9/10

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.374+/-2.017 χ^2/NDF : 992.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.662+/-1.892 χ^2/NDF : 1234.5/10

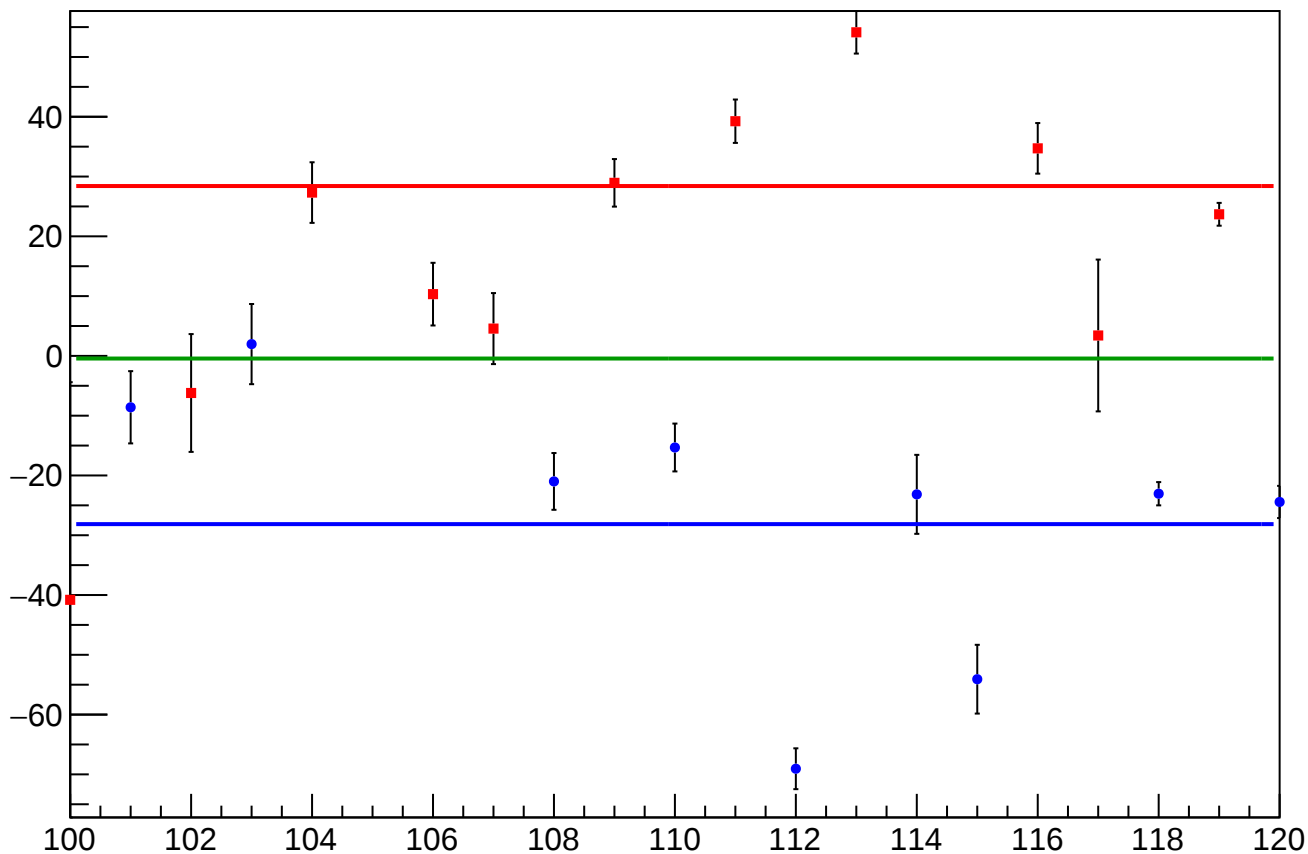
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.374+/-2.017 χ^2/NDF : 992.5/8

-10.017+/-1.380 χ^2/NDF : 5288.5/19

-81.662+/-1.892 χ^2/NDF : 1234.5/10

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.140 $\pm$ 1.197 χ^2 /NDF: 216.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.413 $\pm$ 1.222 χ^2 /NDF: 117.4/10

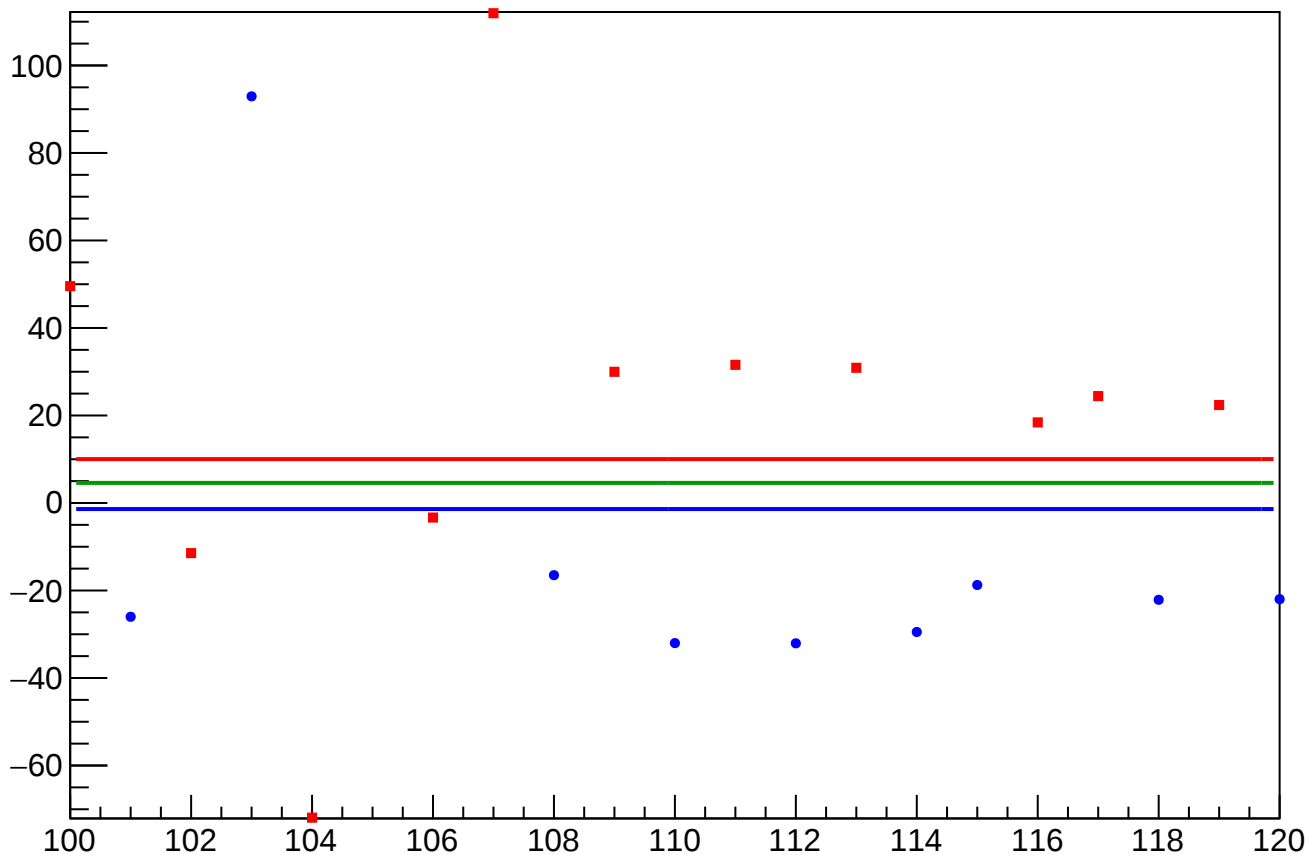
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-28.140 $\pm$ 1.197 χ^2 /NDF: 216.3/8

-0.441 $\pm$ 0.855 χ^2 /NDF: 1426.4/19

28.413 $\pm$ 1.222 χ^2 /NDF: 117.4/10

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.383+/-0.072 χ^2/NDF : 395612.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.037+/-0.069 χ^2/NDF : 394764.5/10

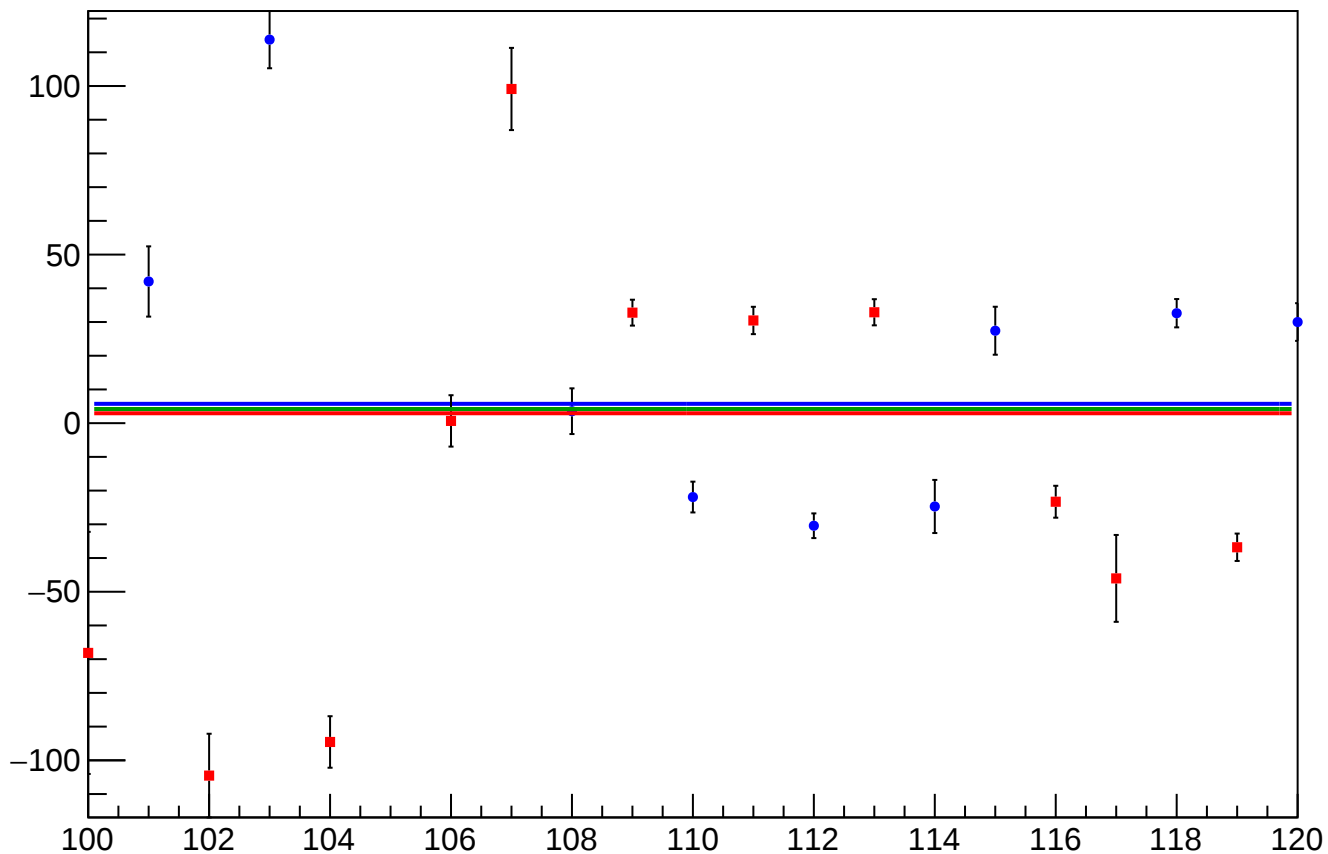
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.383+/-0.072 χ^2/NDF : 395612.4/8

4.594+/-0.050 χ^2/NDF : 803402.6/19

10.037+/-0.069 χ^2/NDF : 394764.5/10

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.735 ± 1.851 $\chi^2/\text{NDF}: 392.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.937 ± 1.679 $\chi^2/\text{NDF}: 611.2/10$

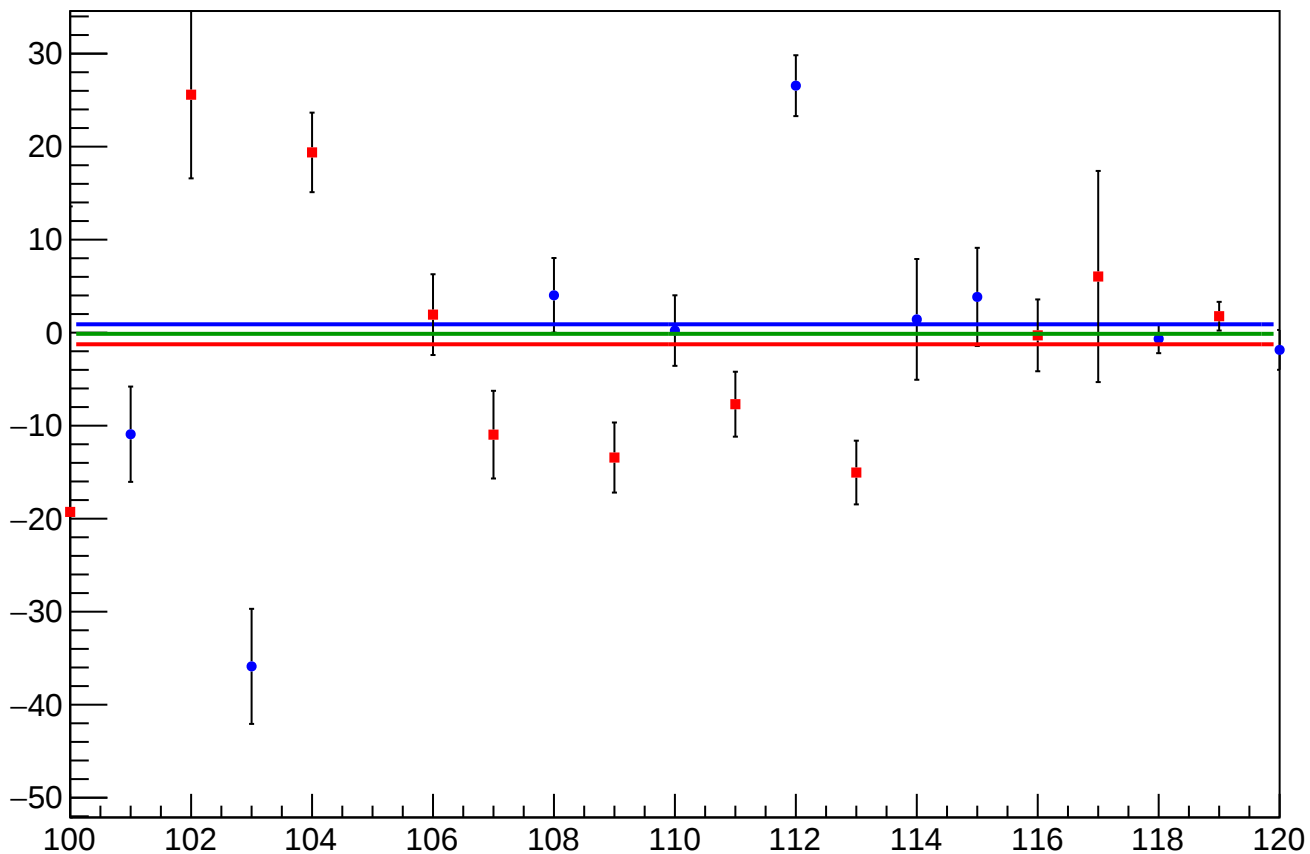
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

5.735 ± 1.851 $\chi^2/\text{NDF}: 392.3/8$

4.200 ± 1.243 $\chi^2/\text{NDF}: 1004.8/19$

2.937 ± 1.679 $\chi^2/\text{NDF}: 611.2/10$

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.900 ± 1.008 χ^2/NDF : 105.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.249 ± 1.055 χ^2/NDF : 71.6/10

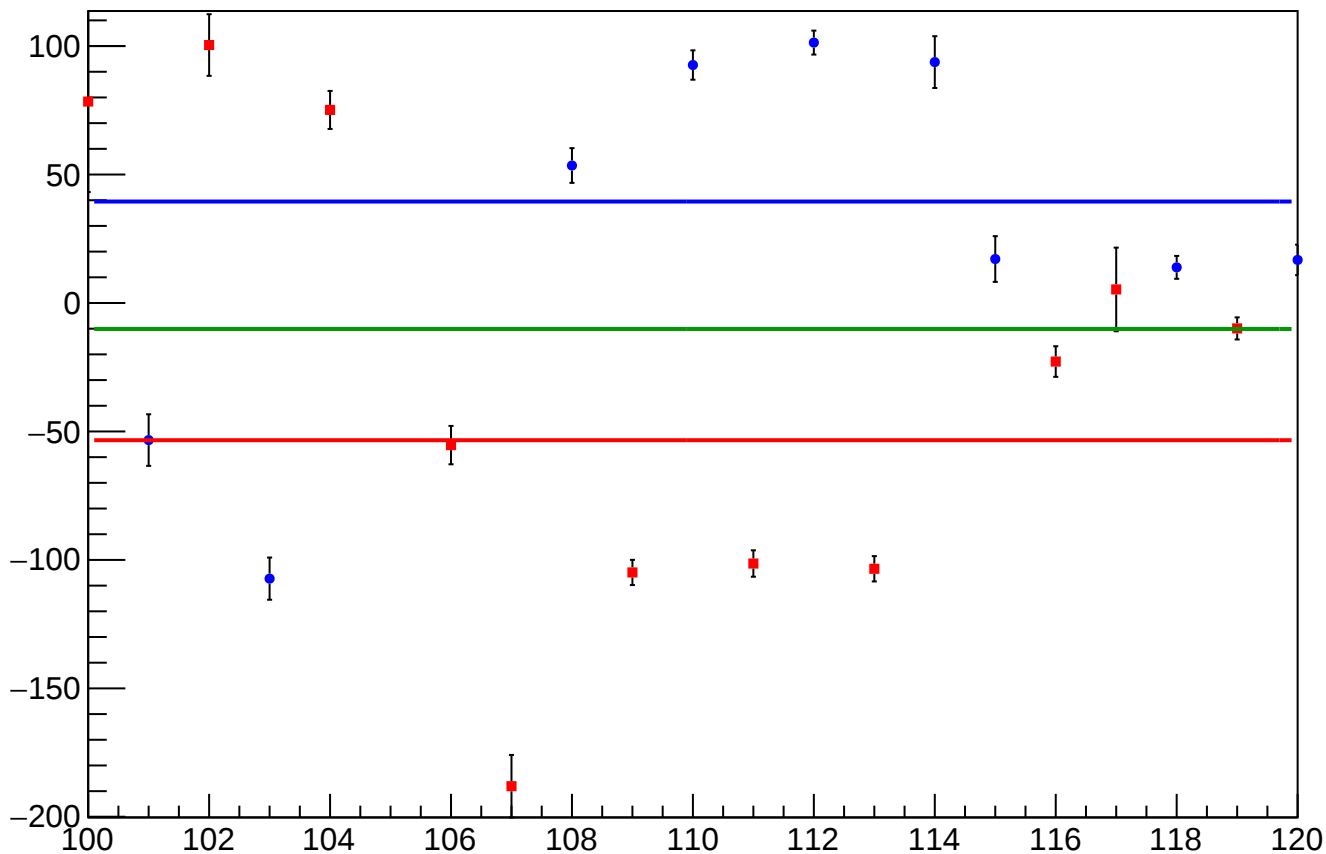
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.900 ± 1.008 χ^2/NDF : 105.7/8

-0.126 ± 0.729 χ^2/NDF : 179.5/19

-1.249 ± 1.055 χ^2/NDF : 71.6/10

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 39.491+/-2.110 χ^2 /NDF: 755.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -53.408+/-1.971 χ^2 /NDF: 1045.3/10

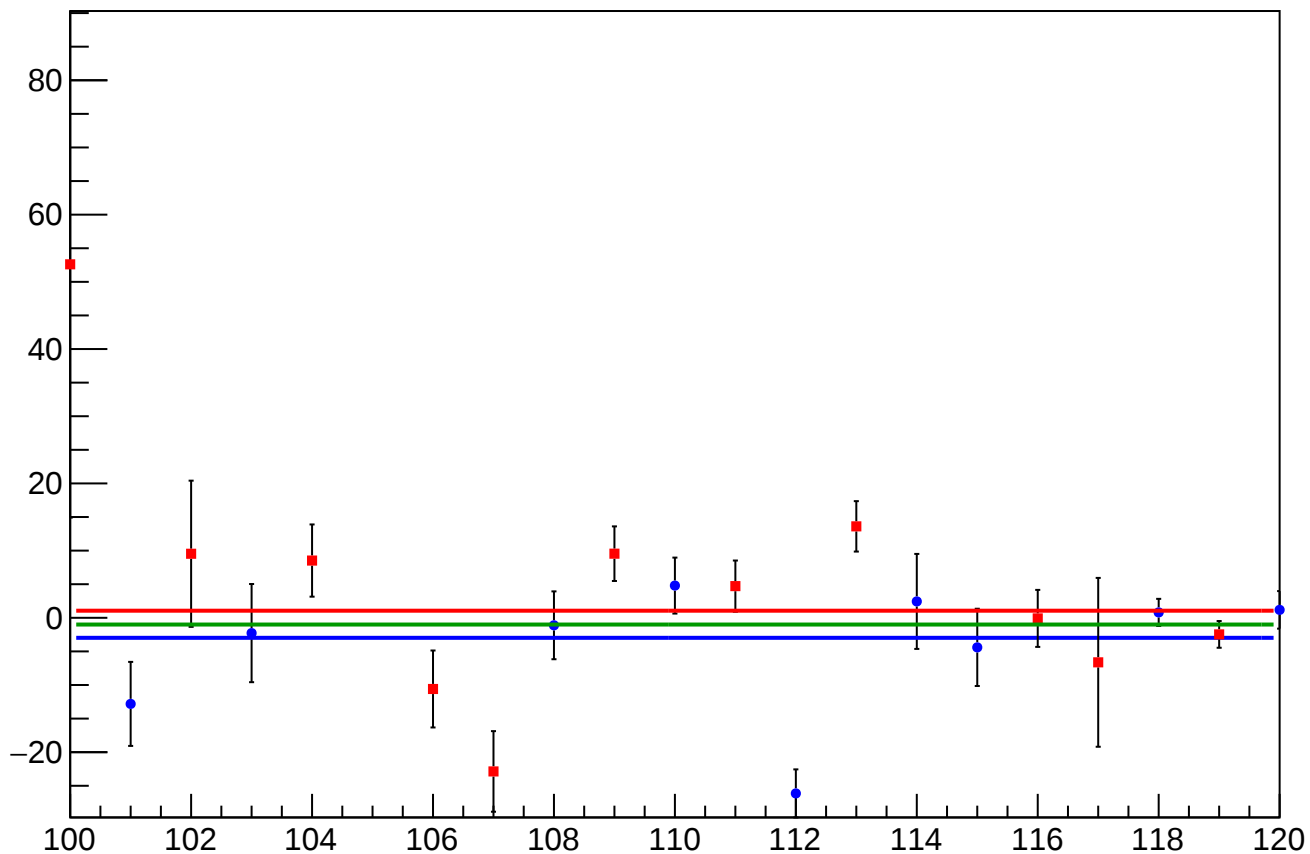
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

39.491+/-2.110 χ^2 /NDF: 755.1/8

-10.110+/-1.441 χ^2 /NDF: 2835.4/19

-53.408+/-1.971 χ^2 /NDF: 1045.3/10

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.978+/-1.247 χ^2/NDF : 54.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.057+/-1.273 χ^2/NDF : 44.5/10

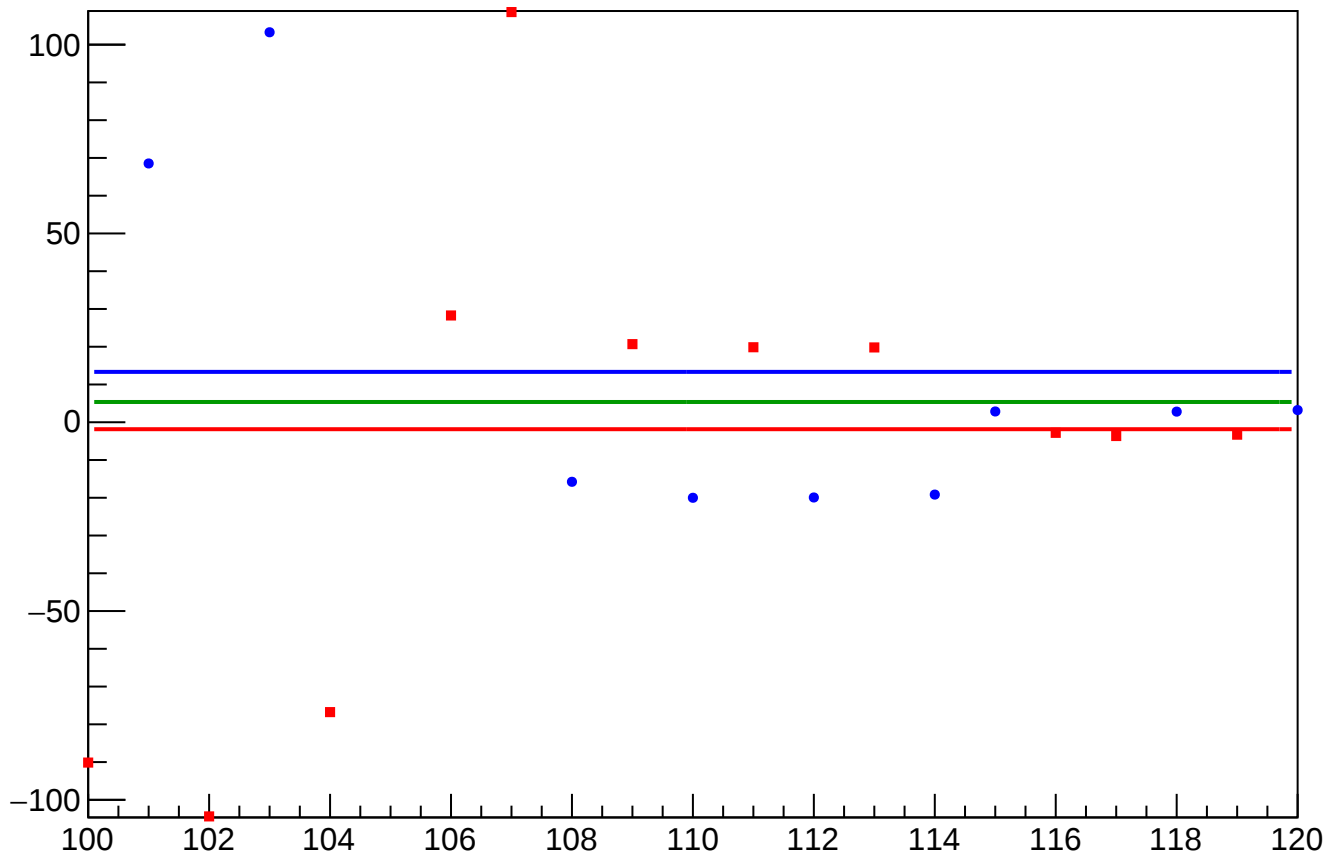
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.978+/-1.247 χ^2/NDF : 54.4/8

-1.002+/-0.891 χ^2/NDF : 104.0/19

1.057+/-1.273 χ^2/NDF : 44.5/10

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.339 $\pm$ 0.076 χ^2/NDF : 346725.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.842 $\pm$ 0.073 χ^2/NDF : 509472.4/10

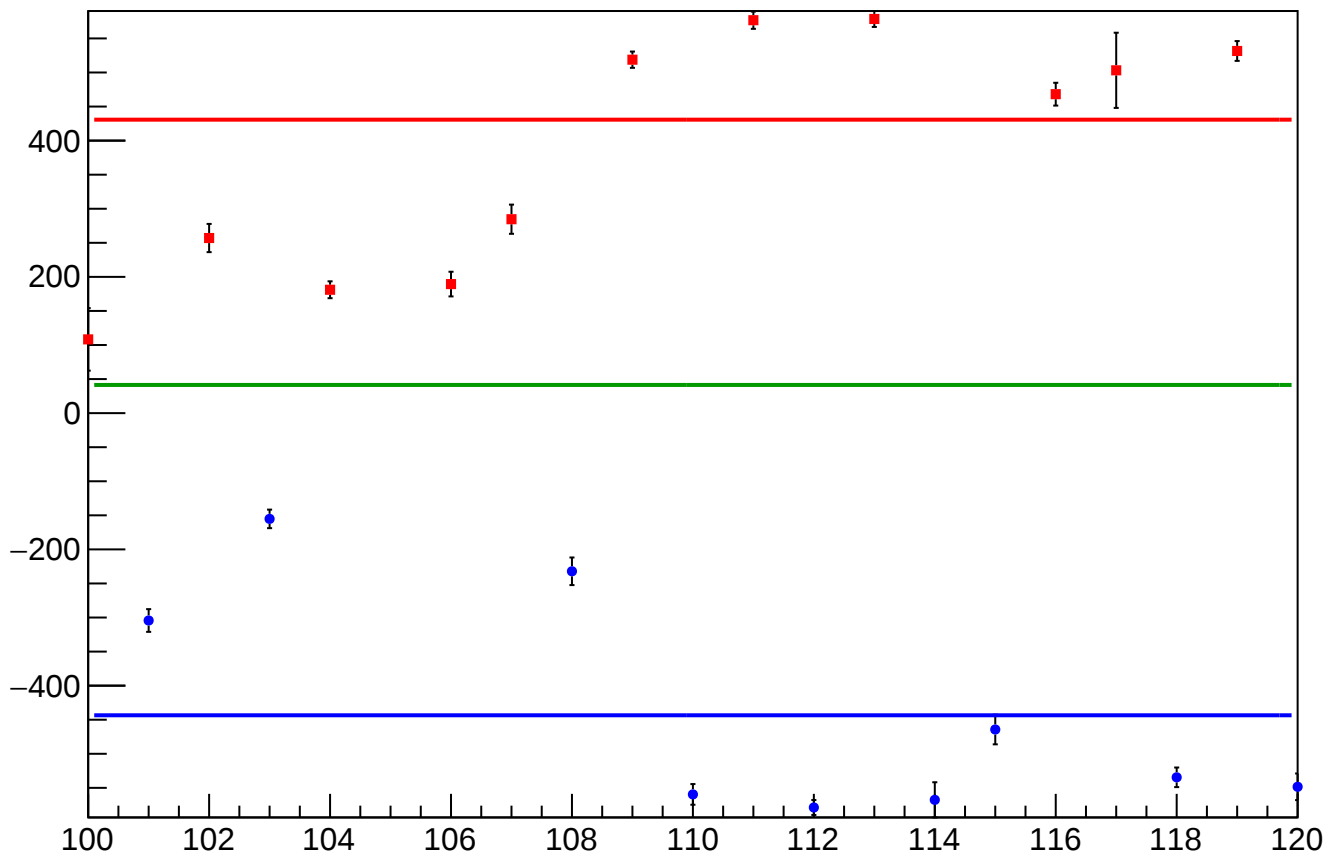
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

13.339 $\pm$ 0.076 χ^2/NDF : 346725.4/8

5.367 $\pm$ 0.053 χ^2/NDF : 876903.5/19

-1.842 $\pm$ 0.073 χ^2/NDF : 509472.4/10

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -443.479+/-5.335 χ^2/NDF : 930.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 430.752+/-4.781 χ^2/NDF : 1152.8/10

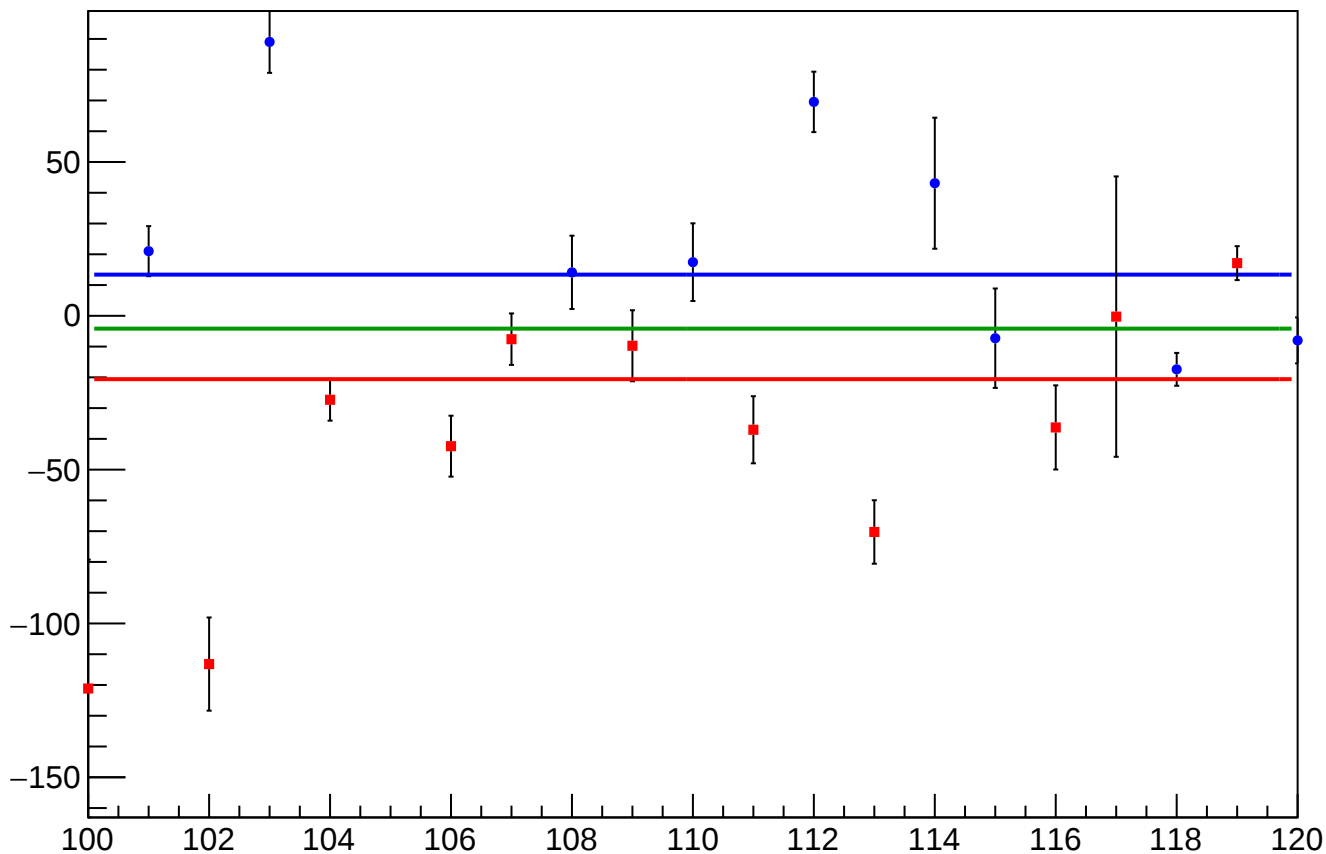
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-443.479+/-5.335 χ^2/NDF : 930.8/8

41.384+/-3.560 χ^2/NDF : 16976.7/19

430.752+/-4.781 χ^2/NDF : 1152.8/10

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.391+/-3.047 χ^2/NDF : 135.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.589+/-2.947 χ^2/NDF : 126.0/10

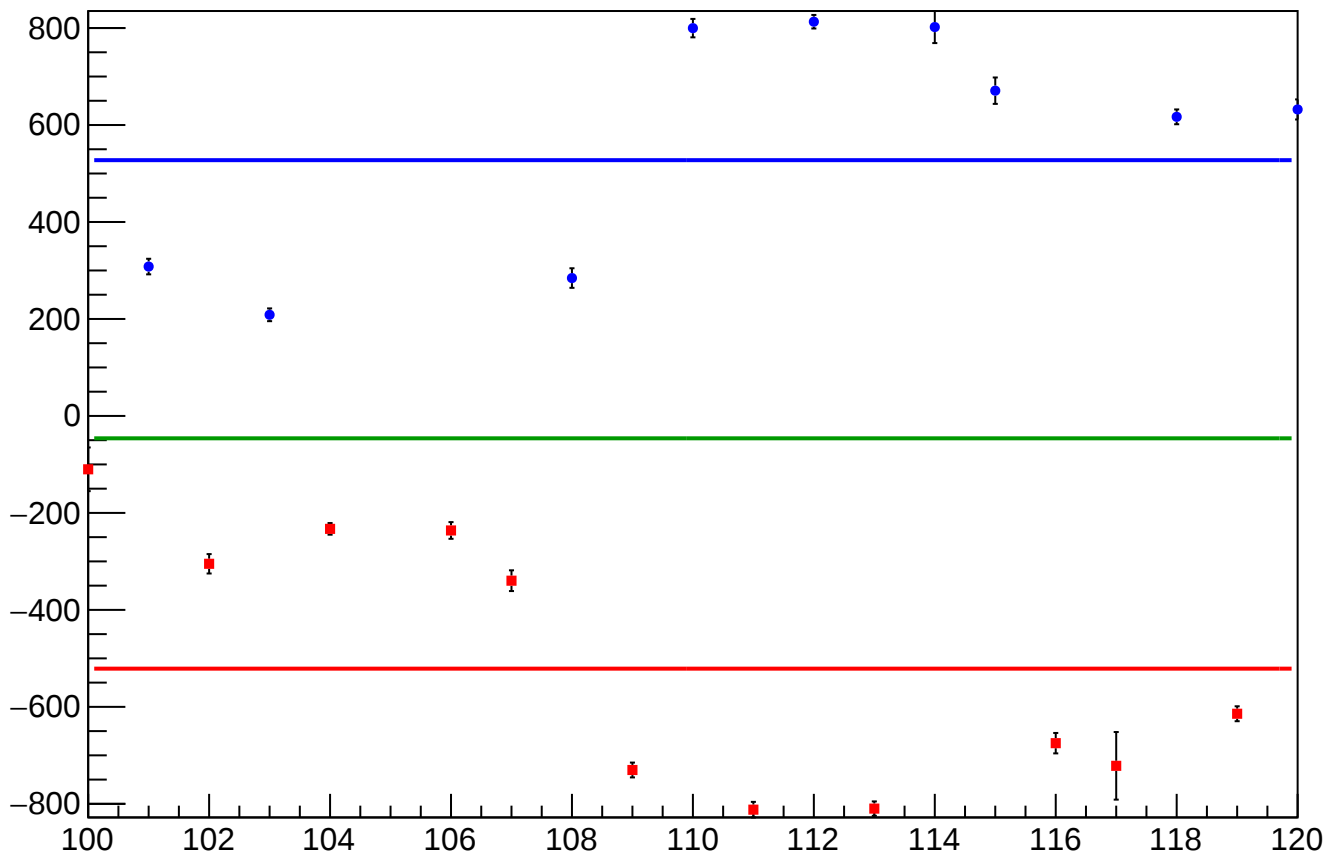
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.391+/-3.047 χ^2/NDF : 135.3/8

-4.167+/-2.118 χ^2/NDF : 325.5/19

-20.589+/-2.947 χ^2/NDF : 126.0/10

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 527.504+/-5.885 χ^2/NDF : 1697.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.188+/-5.355 χ^2/NDF : 2115.0/10

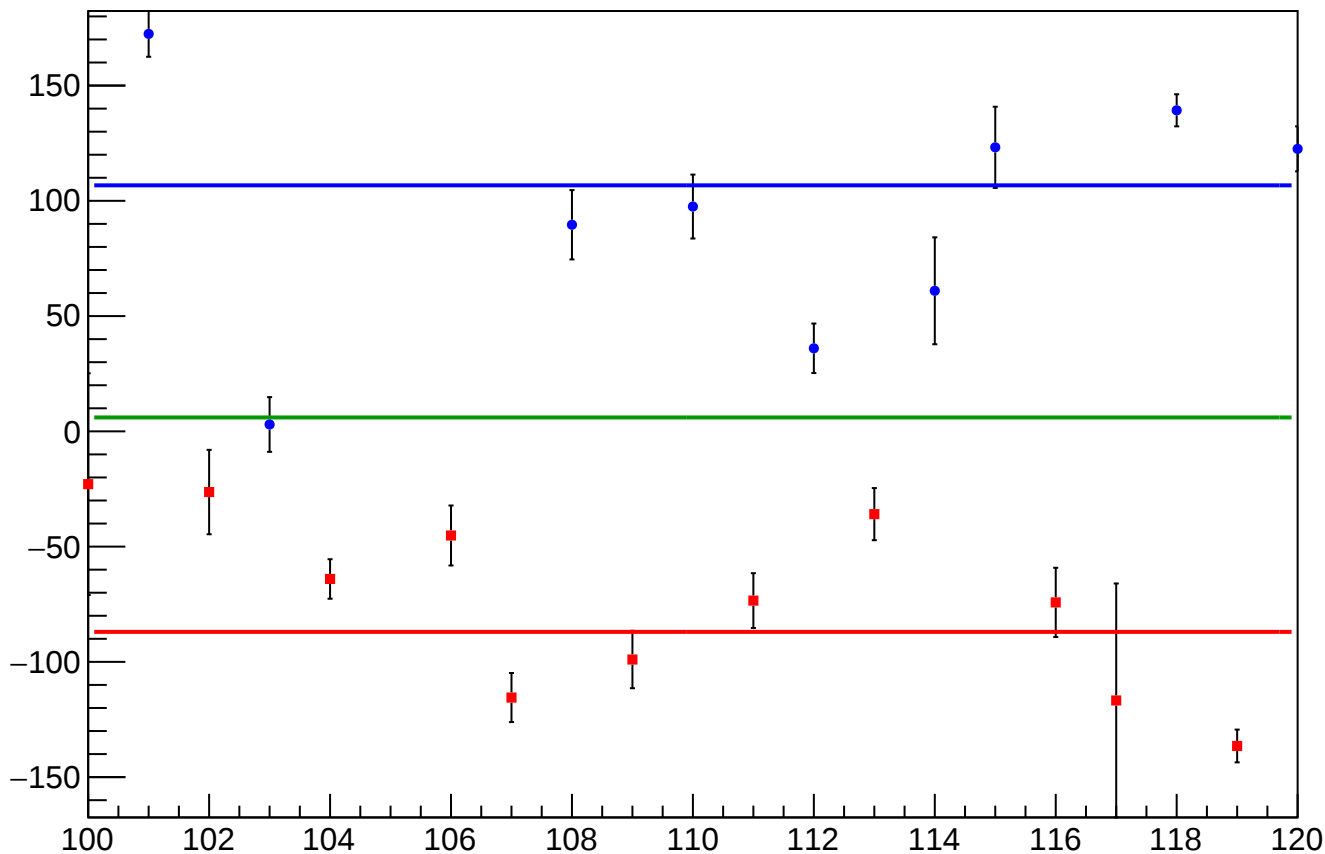
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

527.504+/-5.885 χ^2/NDF : 1697.7/8

-46.157+/-3.961 χ^2/NDF : 21183.6/19

-521.188+/-5.355 χ^2/NDF : 2115.0/10

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 106.717 $\pm$ 3.732 χ^2 /NDF: 194.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.986 $\pm$ 3.588 χ^2 /NDF: 109.6/10

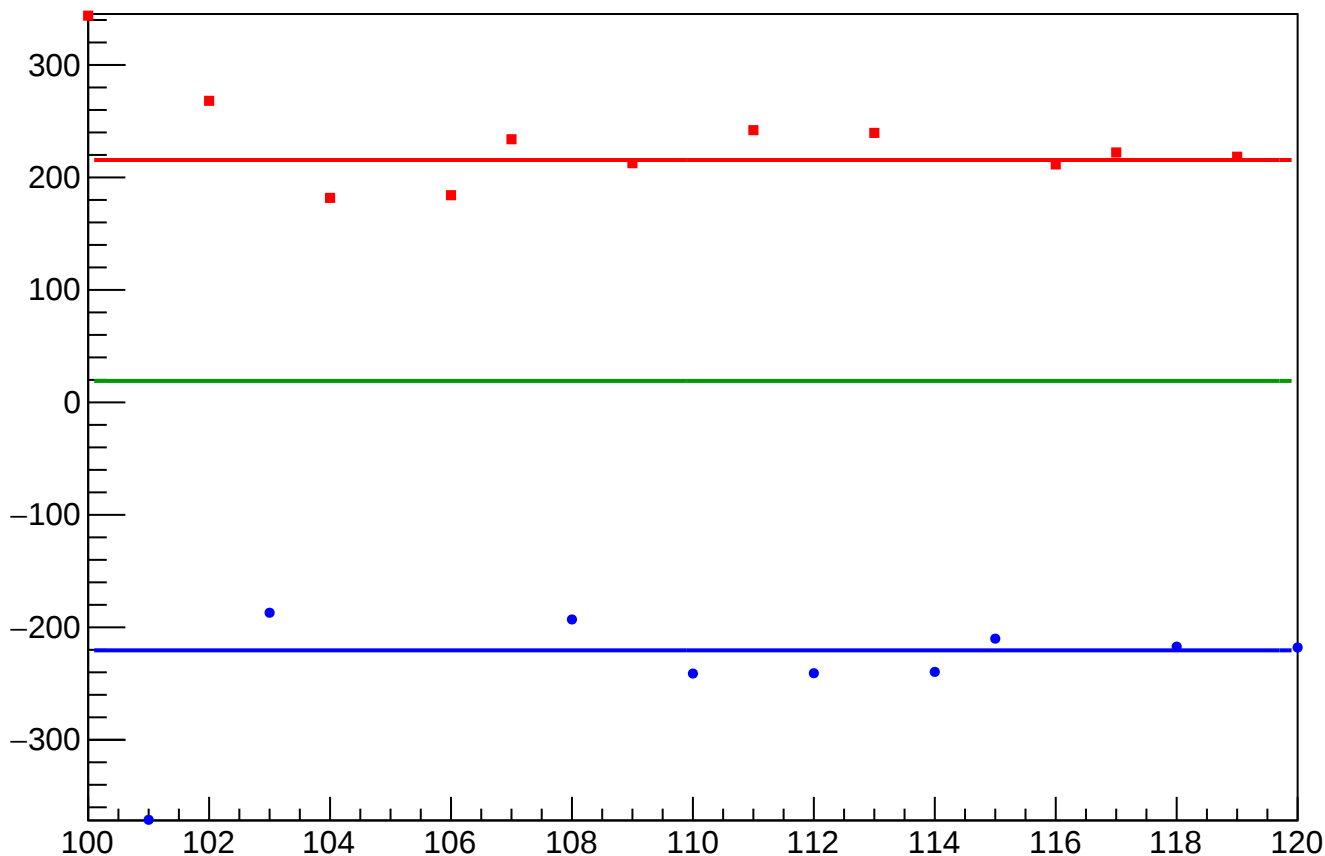
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

106.717 $\pm$ 3.732 χ^2 /NDF: 194.6/8

6.032 $\pm$ 2.586 χ^2 /NDF: 1704.1/19

-86.986 $\pm$ 3.588 χ^2 /NDF: 109.6/10

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -220.460 ± 0.190 χ^2/NDF : 85941.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 215.509 ± 0.172 χ^2/NDF : 40324.0/10

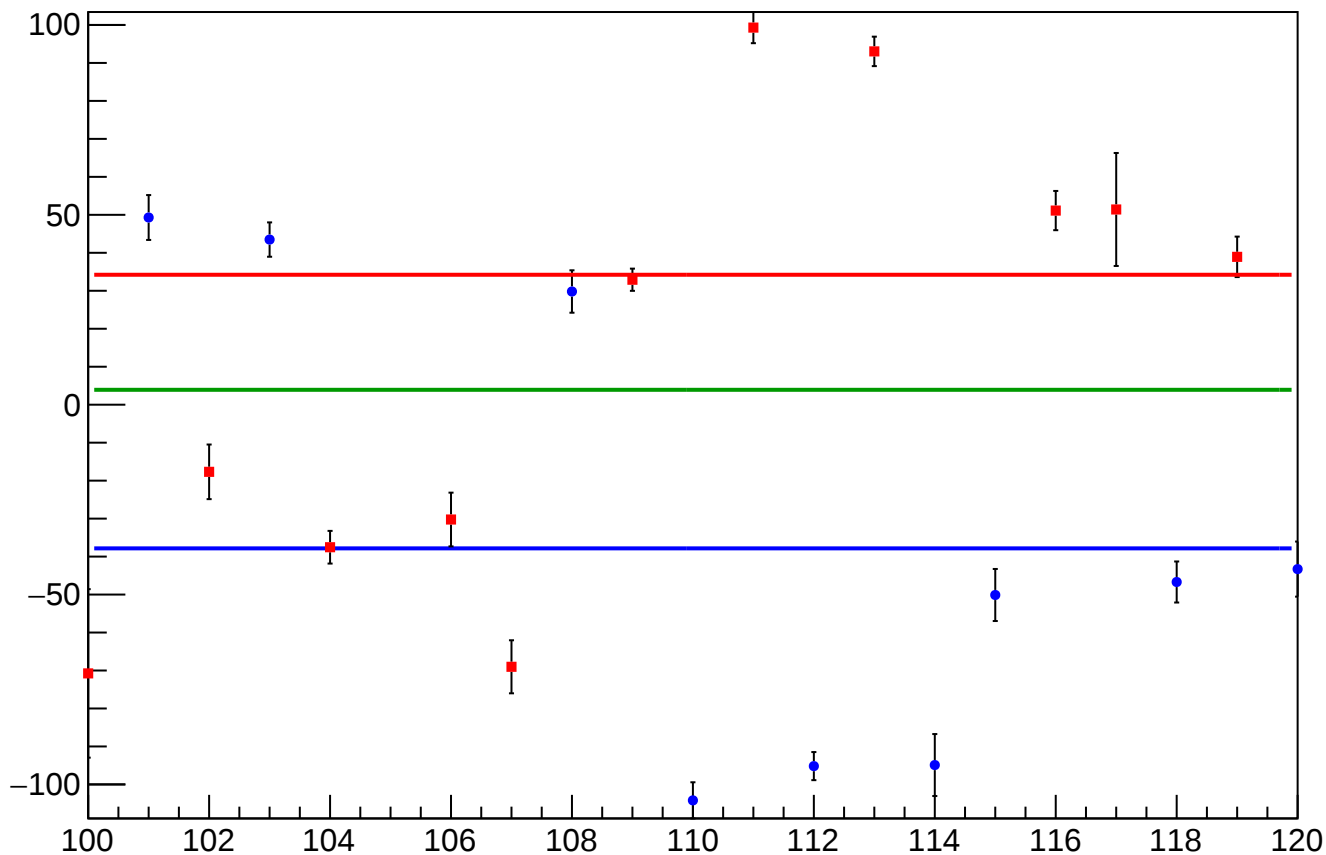
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-220.460 ± 0.190 χ^2/NDF : 85941.3/8

19.091 ± 0.128 χ^2/NDF : 3012662.8/19

215.509 ± 0.172 χ^2/NDF : 40324.0/10

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -37.836 $\pm$ 1.778 χ^2 /NDF: 1177.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.217 $\pm$ 1.515 χ^2 /NDF: 1148.6/10

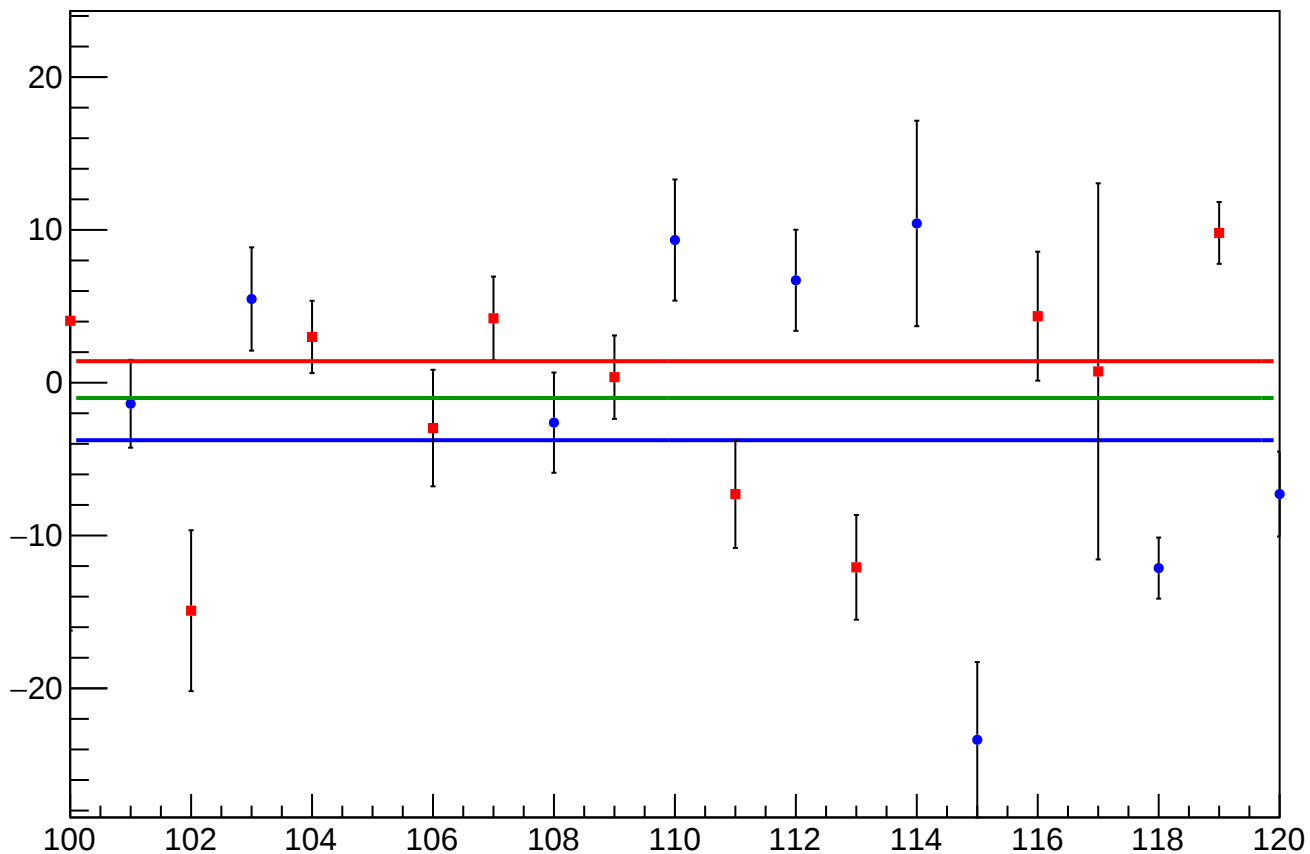
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-37.836 $\pm$ 1.778 χ^2 /NDF: 1177.1/8

3.921 $\pm$ 1.153 χ^2 /NDF: 3277.2/19

34.217 $\pm$ 1.515 χ^2 /NDF: 1148.6/10

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.762 ± 1.056 χ^2/NDF : 67.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.410 ± 0.987 χ^2/NDF : 51.9/10

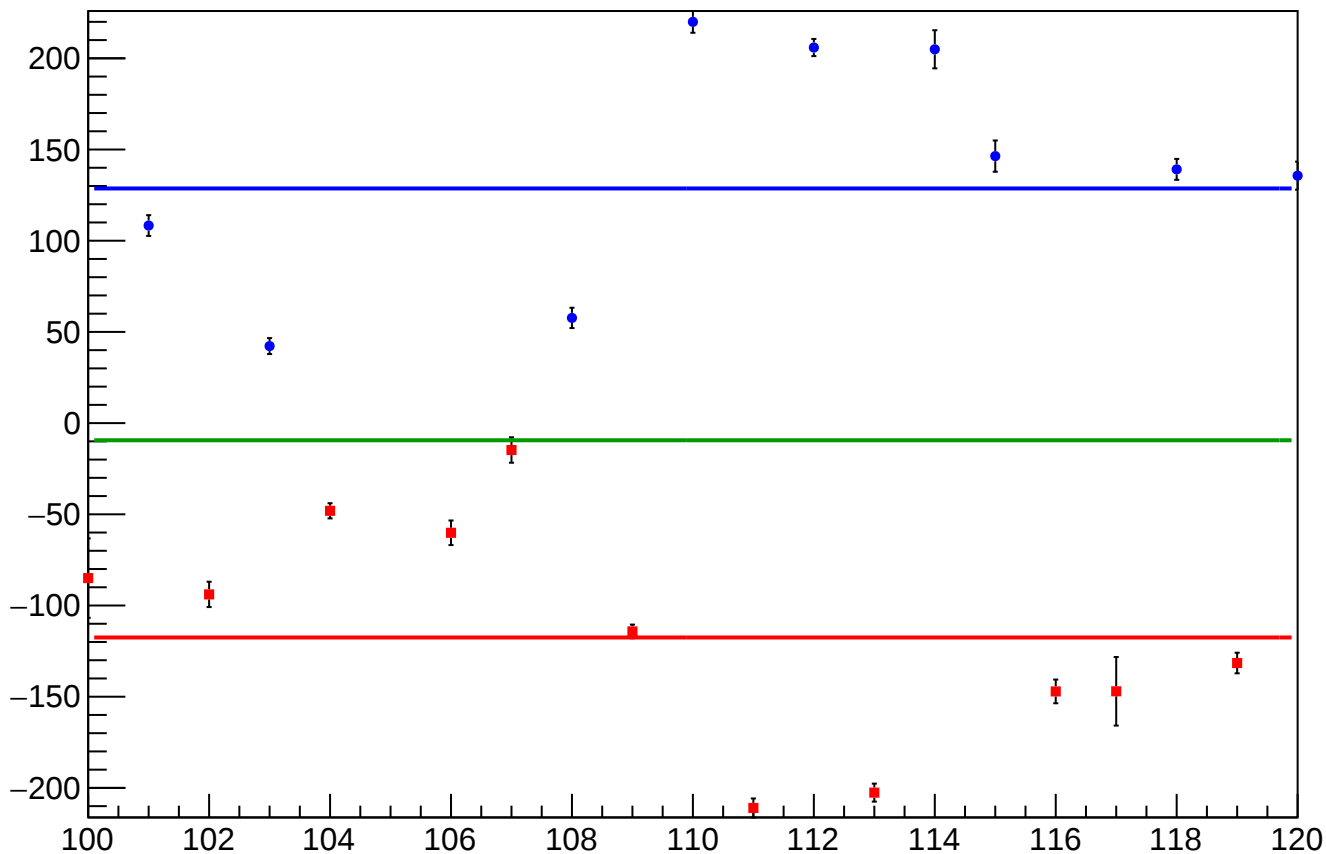
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.762 ± 1.056 χ^2/NDF : 67.7/8

-1.001 ± 0.721 χ^2/NDF : 132.4/19

1.410 ± 0.987 χ^2/NDF : 51.9/10

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 128.647+/-1.966 χ^2/NDF : 1131.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.531+/-1.740 χ^2/NDF : 1232.0/10

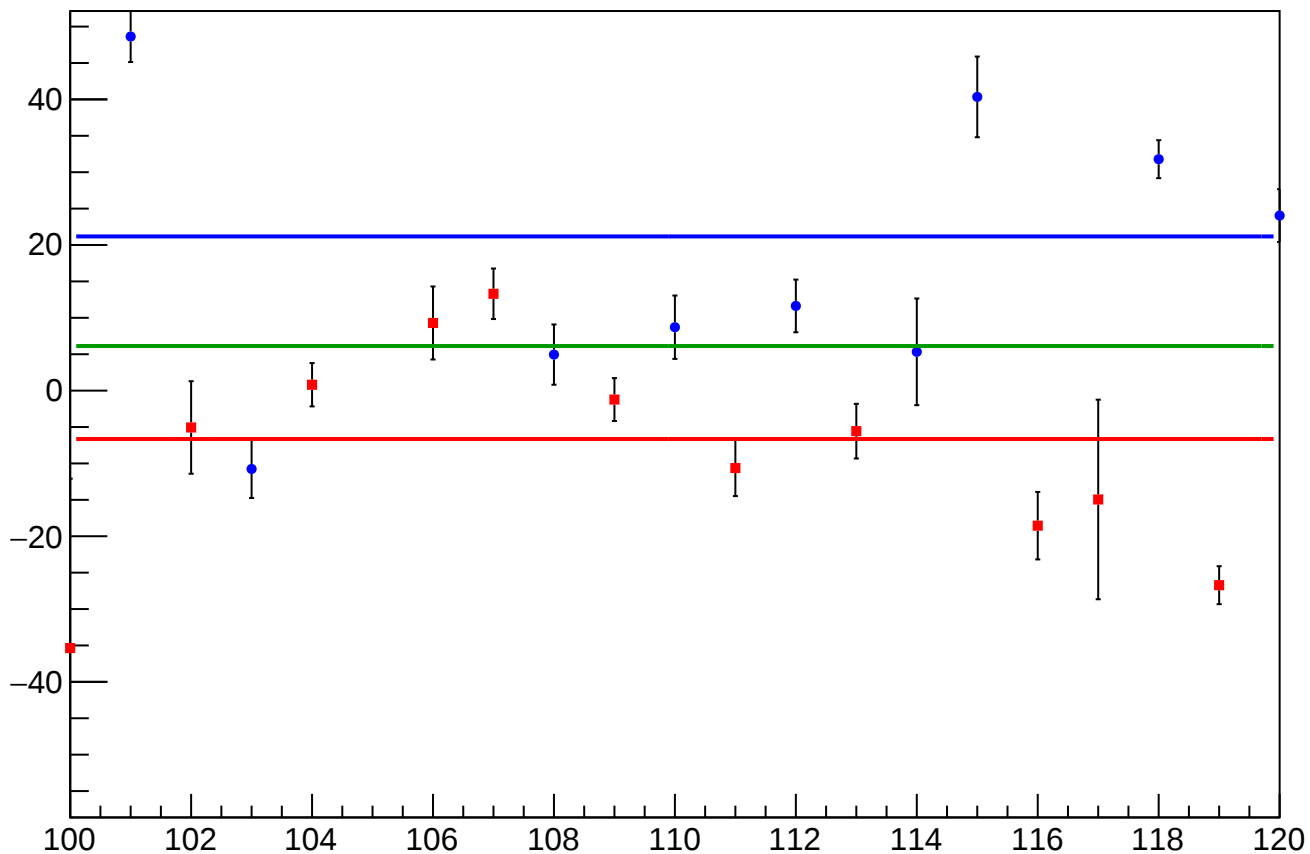
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

128.647+/-1.966 χ^2/NDF : 1131.0/8

-9.405+/-1.303 χ^2/NDF : 11153.4/19

-117.531+/-1.740 χ^2/NDF : 1232.0/10

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.179+/-1.284 χ^2/NDF : 189.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.646+/-1.183 χ^2/NDF : 121.8/10

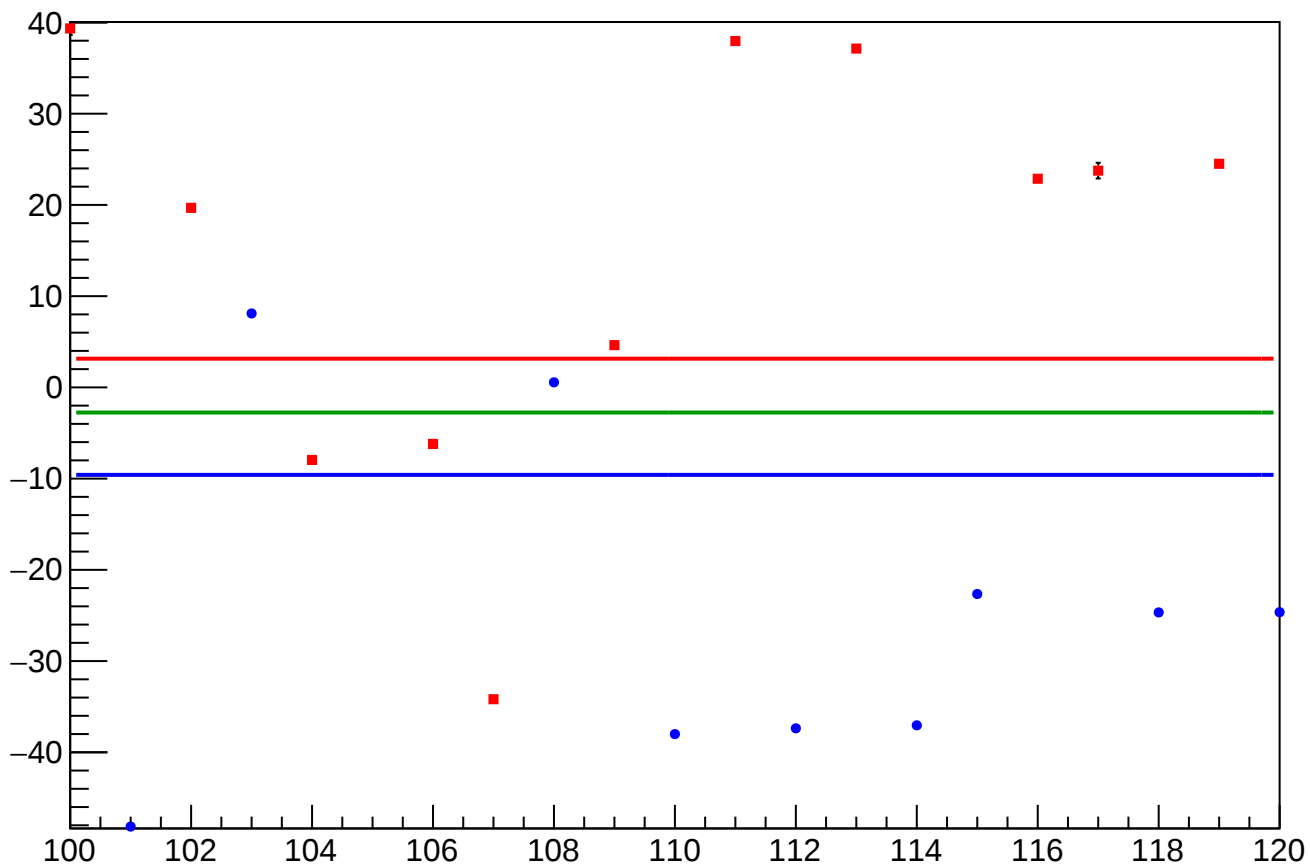
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.179+/-1.284 χ^2/NDF : 189.8/8

6.124+/-0.870 χ^2/NDF : 565.6/19

-6.646+/-1.183 χ^2/NDF : 121.8/10

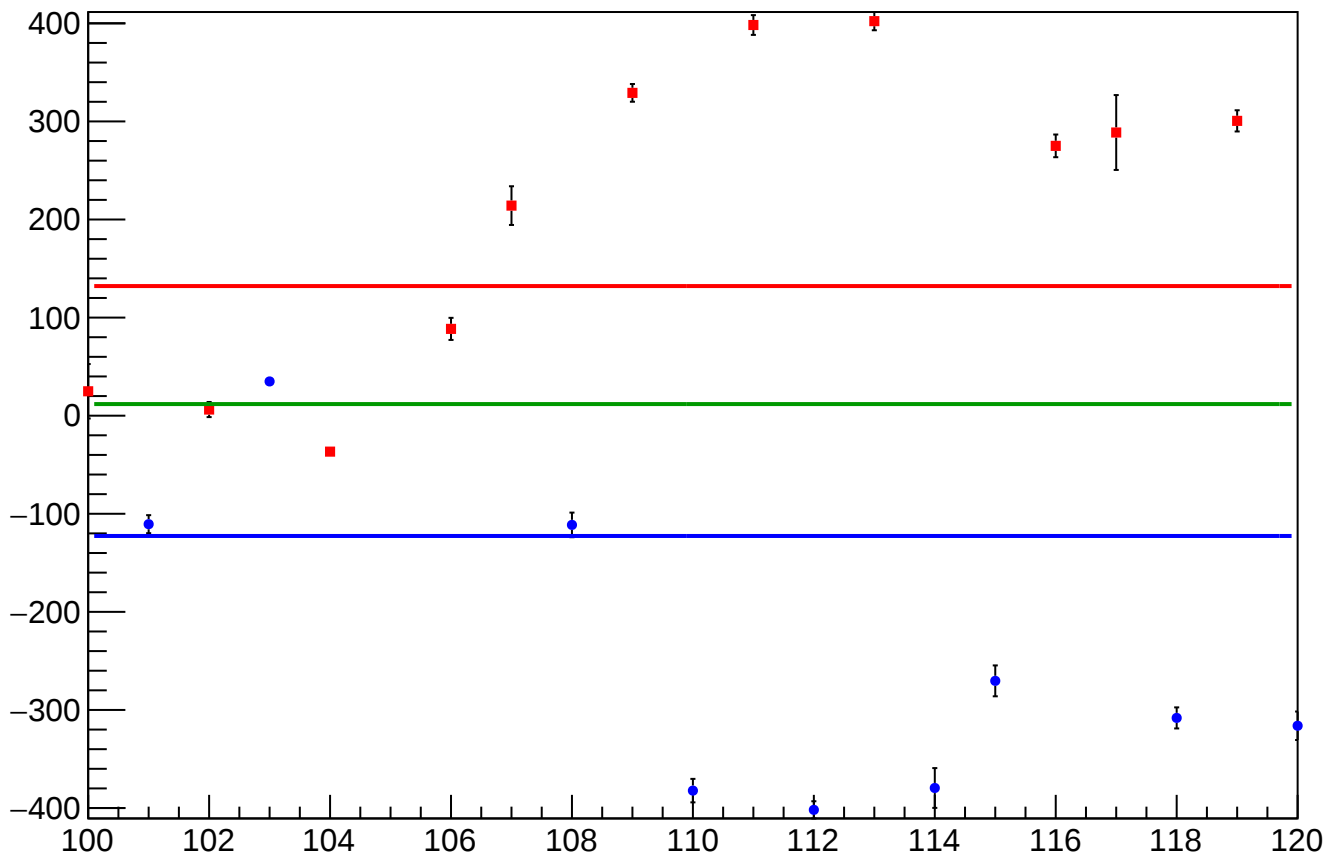
reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.590 ± 0.062 $\chi^2/\text{NDF}: 110695.5/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 3.149 ± 0.058 $\chi^2/\text{NDF}: 137902.4/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-9.590 ± 0.062 $\chi^2/\text{NDF}: 110695.5/8$
 -2.757 ± 0.042 $\chi^2/\text{NDF}: 271316.9/19$
 3.149 ± 0.058 $\chi^2/\text{NDF}: 137902.4/10$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -122.630+/-2.948 χ^2/NDF : 3626.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.145+/-2.789 χ^2/NDF : 4155.8/10

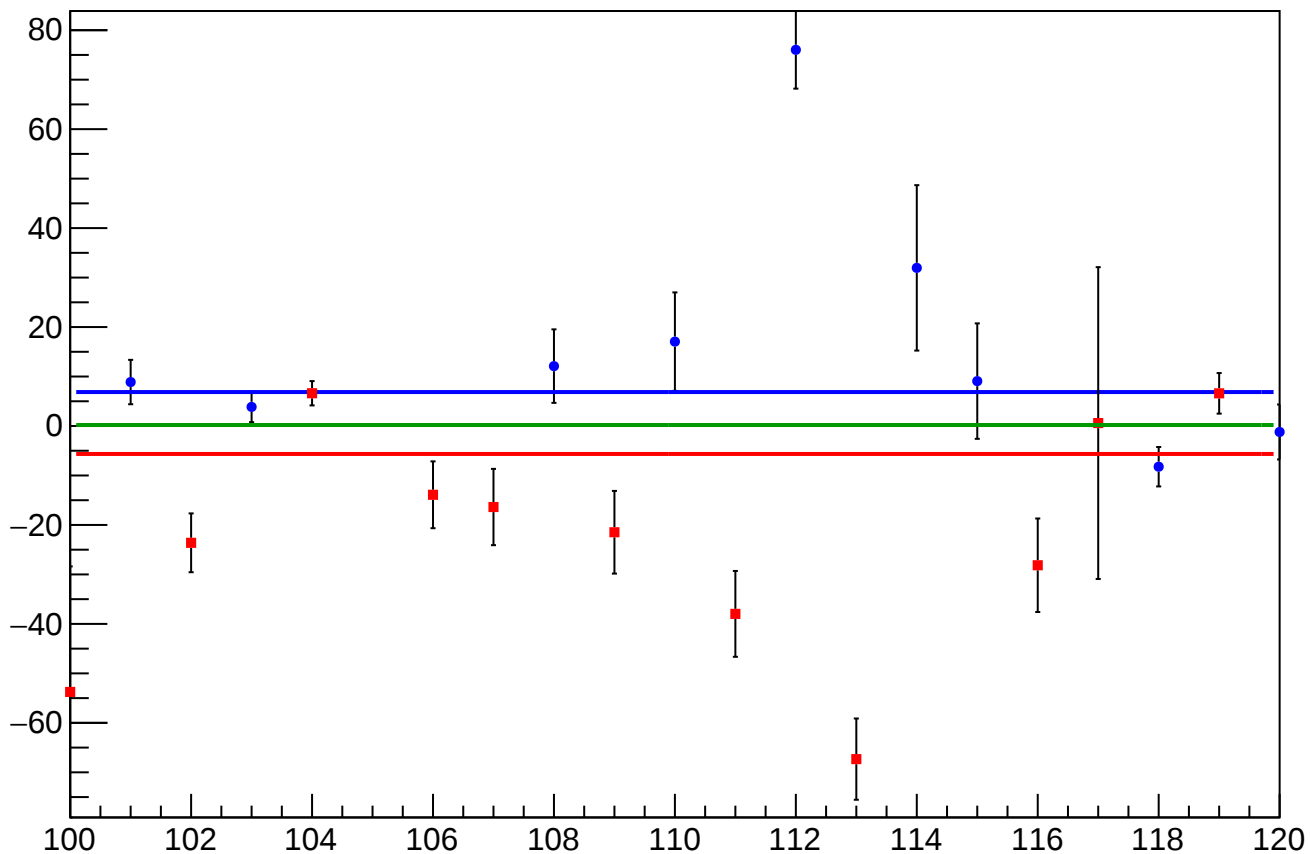
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-122.630+/-2.948 χ^2/NDF : 3626.8/8

11.840+/-2.026 χ^2/NDF : 11724.4/19

132.145+/-2.789 χ^2/NDF : 4155.8/10

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.860+/-1.808 χ^2/NDF : 99.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.651+/-1.694 χ^2/NDF : 129.6/10

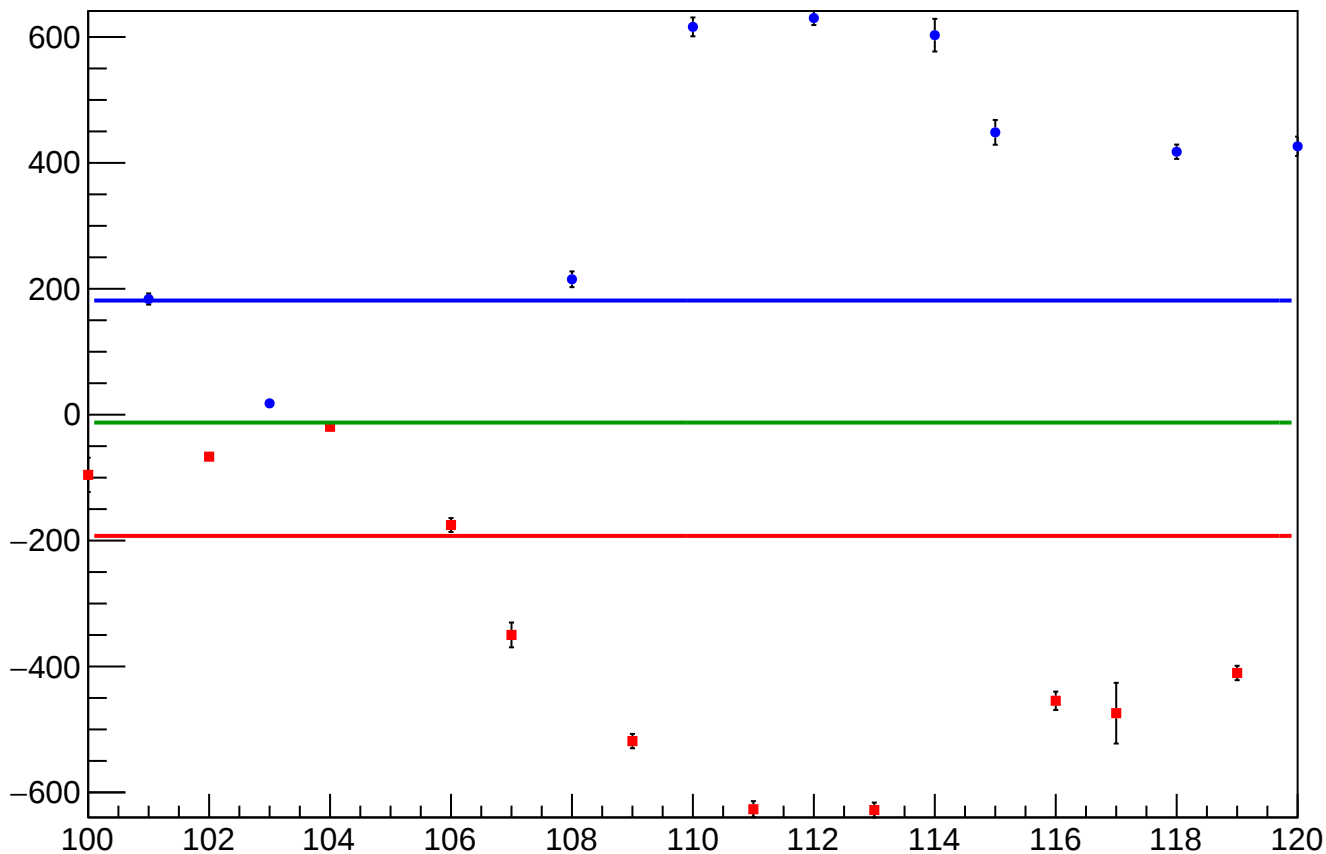
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.860+/-1.808 χ^2/NDF : 99.2/8

0.199+/-1.236 χ^2/NDF : 254.3/19

-5.651+/-1.694 χ^2/NDF : 129.6/10

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 181.355 ± 3.035 χ^2/NDF : 5224.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -192.517 ± 2.925 χ^2/NDF : 6005.0/10

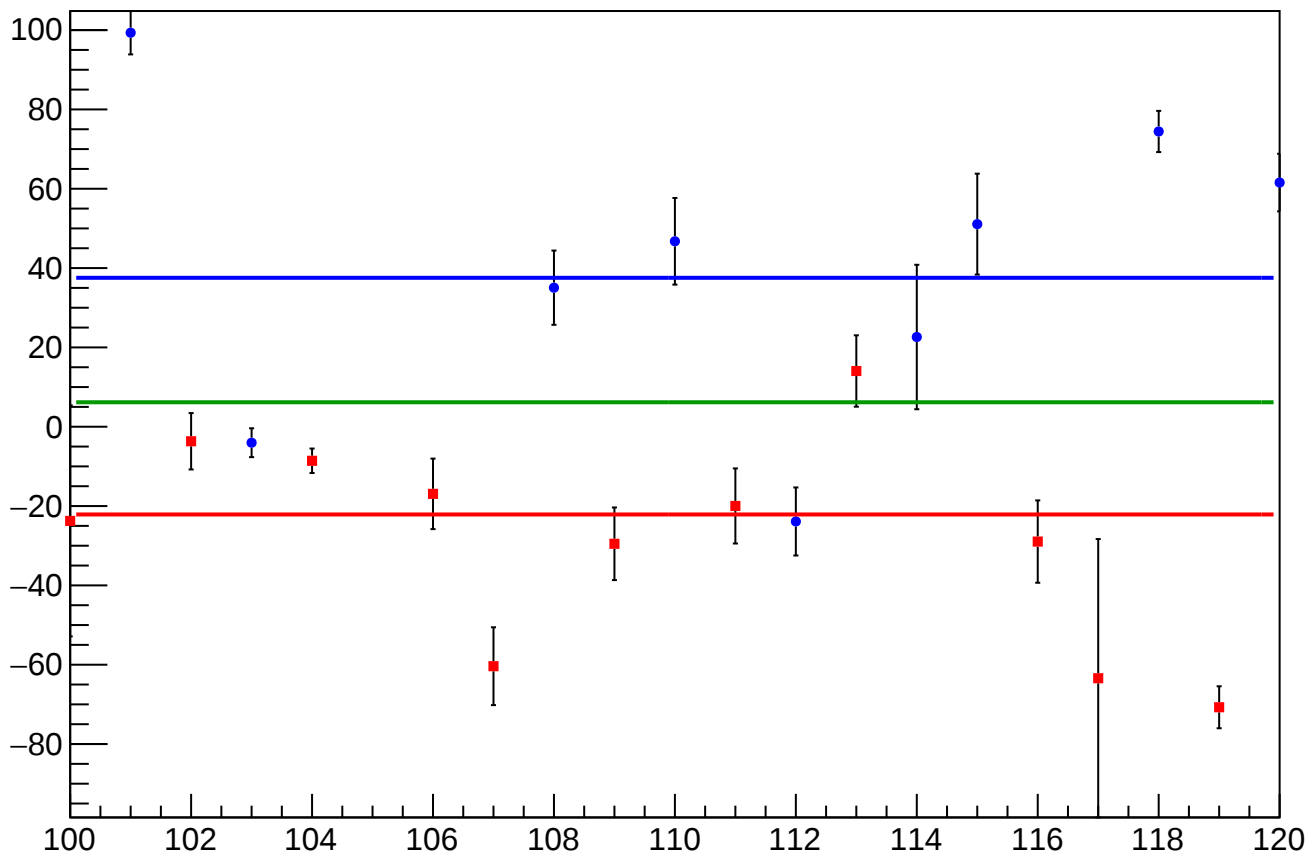
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

181.355 ± 3.035 χ^2/NDF : 5224.1/8

-12.488 ± 2.106 χ^2/NDF : 19095.3/19

-192.517 ± 2.925 χ^2/NDF : 6005.0/10

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.549+/-2.195 χ^2/NDF : 373.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.122+/-2.084 χ^2/NDF : 144.7/10

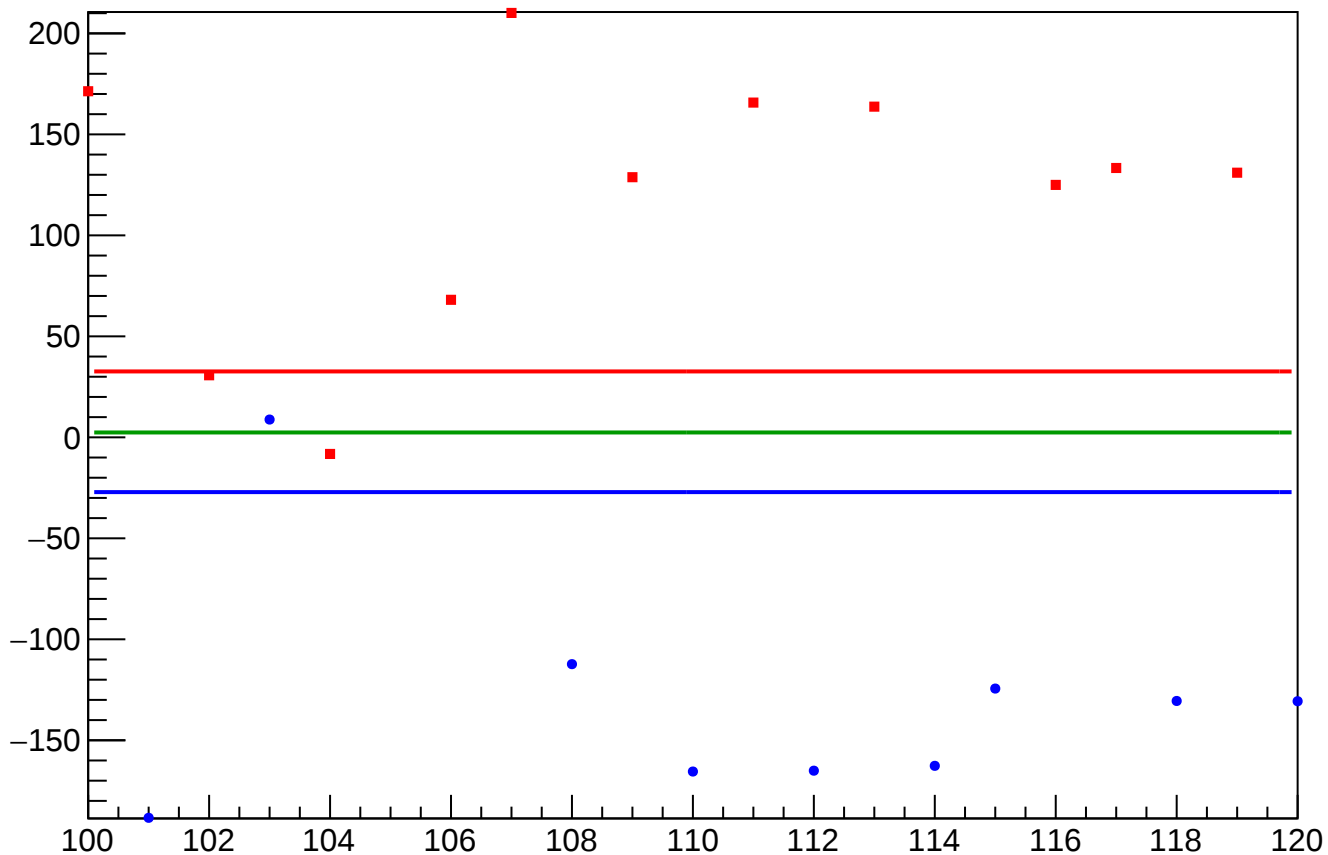
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.549+/-2.195 χ^2/NDF : 373.6/8

6.168+/-1.511 χ^2/NDF : 907.1/19

-22.122+/-2.084 χ^2/NDF : 144.7/10

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.121+/-0.080 χ^2/NDF : 708781.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.629+/-0.080 χ^2/NDF : 555758.1/10

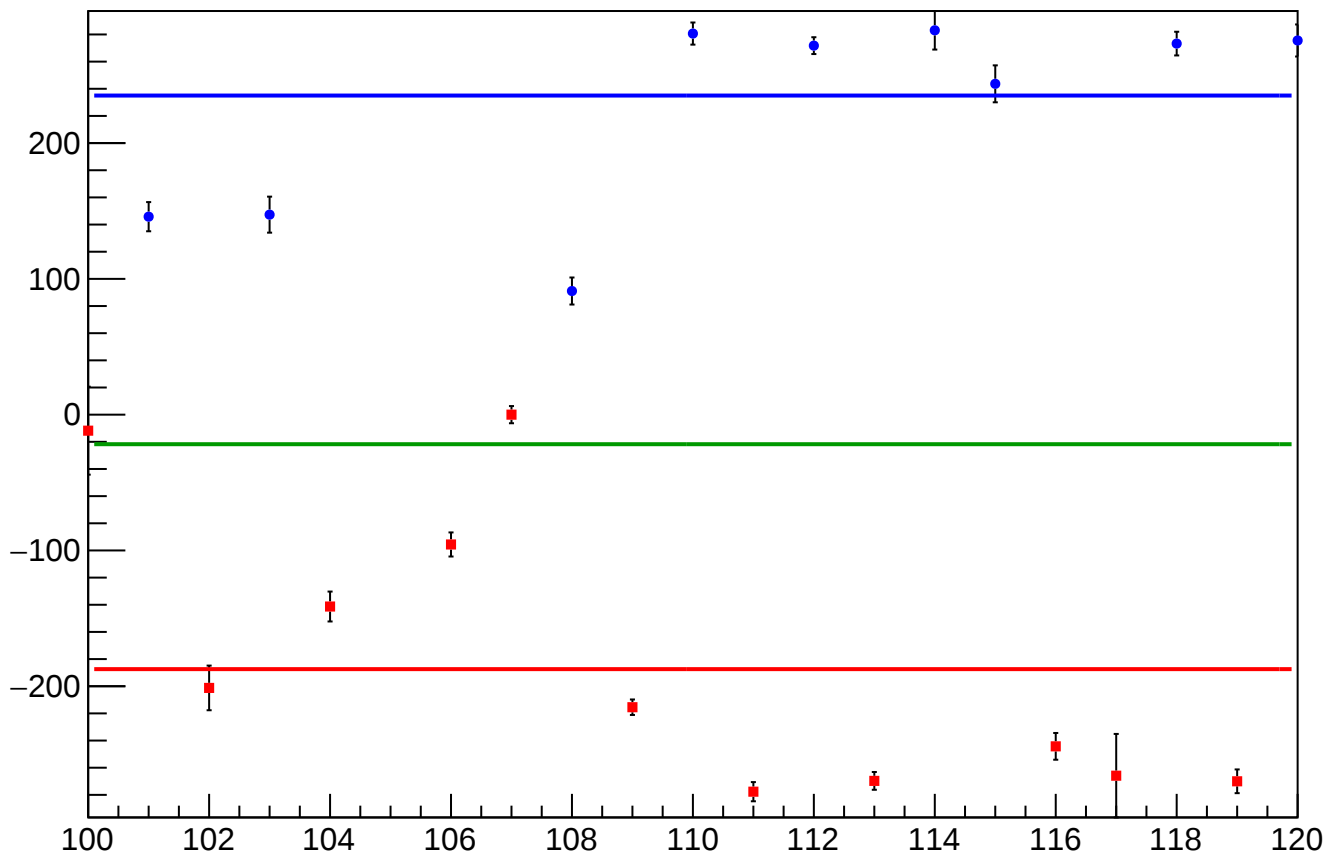
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-27.121+/-0.080 χ^2/NDF : 708781.4/8

2.408+/-0.057 χ^2/NDF : 1543345.7/19

32.629+/-0.080 χ^2/NDF : 555758.1/10

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 235.013+/-3.224 χ^2/NDF : 431.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.400+/-2.589 χ^2/NDF : 1506.4/10

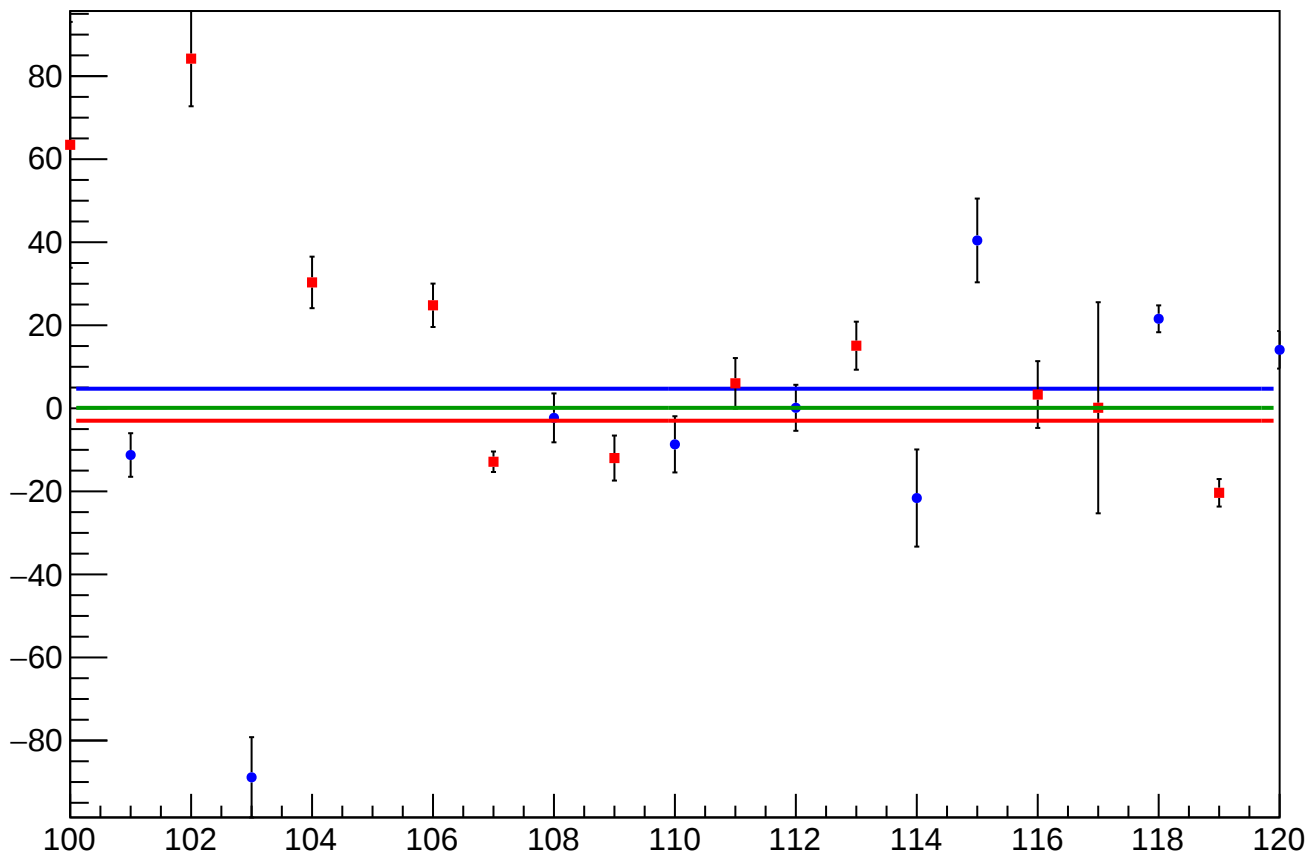
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

235.013+/-3.224 χ^2/NDF : 431.3/8

-21.755+/-2.019 χ^2/NDF : 12375.6/19

-187.400+/-2.589 χ^2/NDF : 1506.4/10

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.722 $\pm$ 1.851 χ^2 /NDF: 158.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.985 $\pm$ 1.517 χ^2 /NDF: 178.7/10

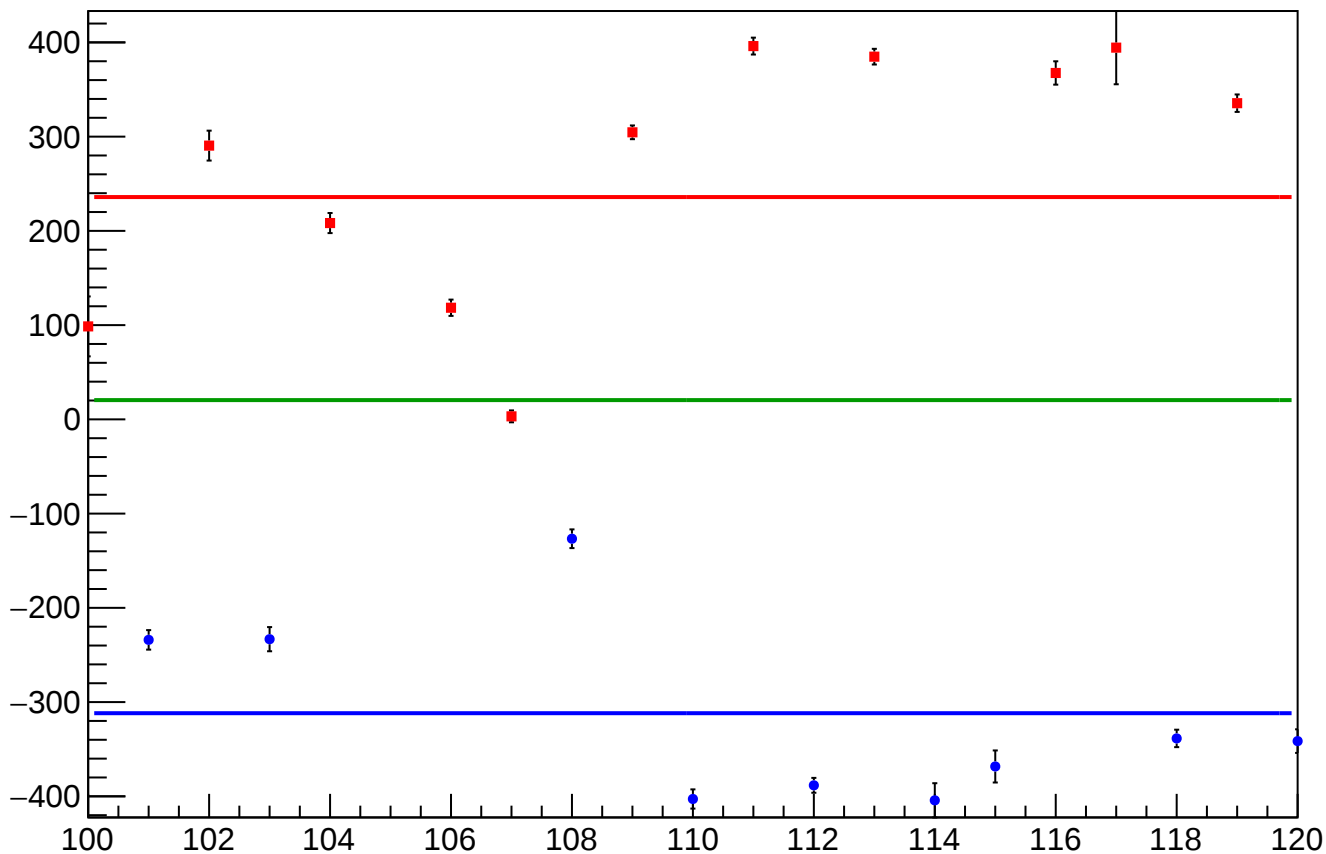
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4.722 $\pm$ 1.851 χ^2 /NDF: 158.0/8

0.112 $\pm$ 1.173 χ^2 /NDF: 347.1/19

-2.985 $\pm$ 1.517 χ^2 /NDF: 178.7/10

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -311.794 $\pm$ 3.633 χ^2 /NDF: 666.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 235.885 $\pm$ 2.925 χ^2 /NDF: 2553.9/10

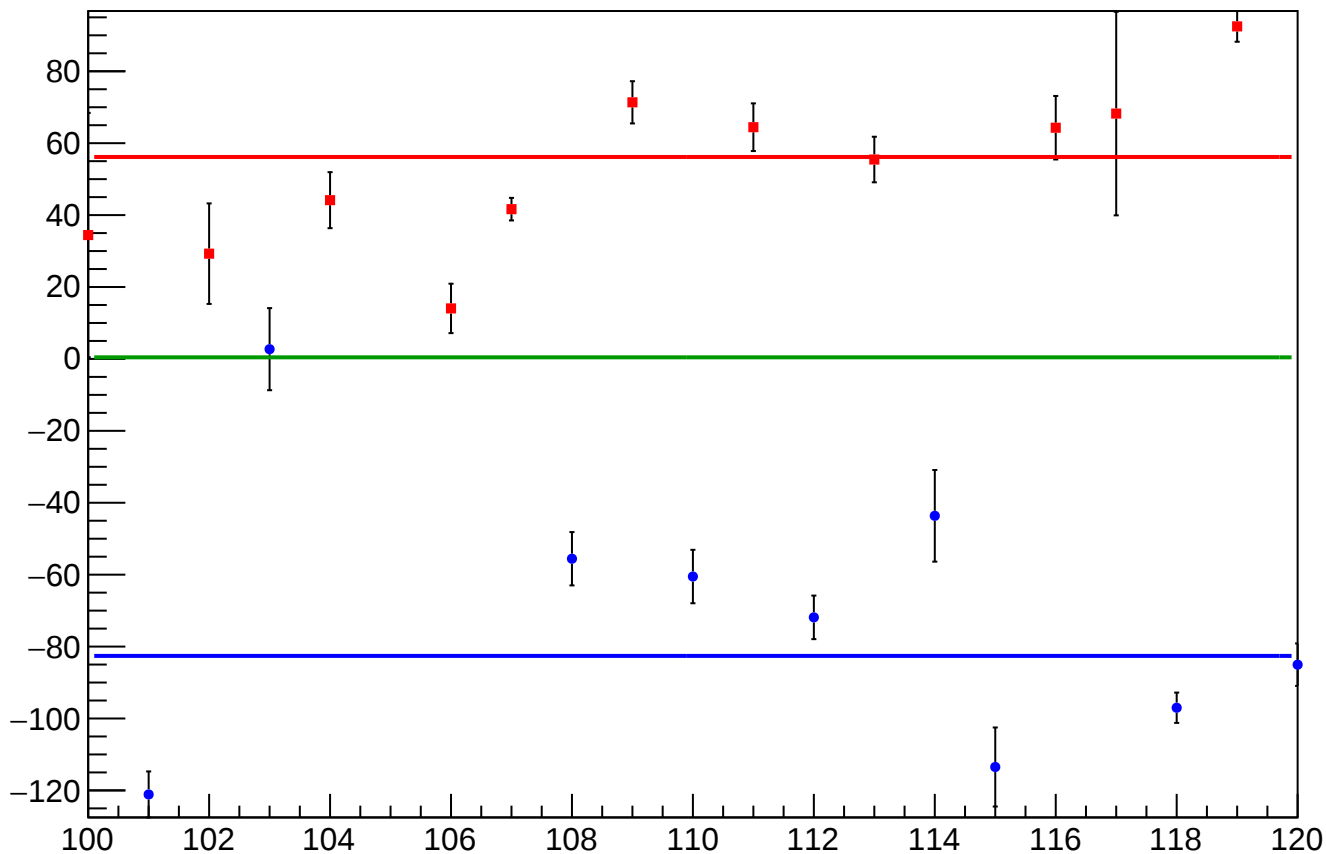
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-311.794 $\pm$ 3.633 χ^2 /NDF: 666.6/8

20.436 $\pm$ 2.278 χ^2 /NDF: 17008.3/19

235.885 $\pm$ 2.925 χ^2 /NDF: 2553.9/10

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -82.593 $\pm$ 2.264 χ^2 /NDF: 146.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.166 $\pm$ 1.855 χ^2 /NDF: 146.9/10

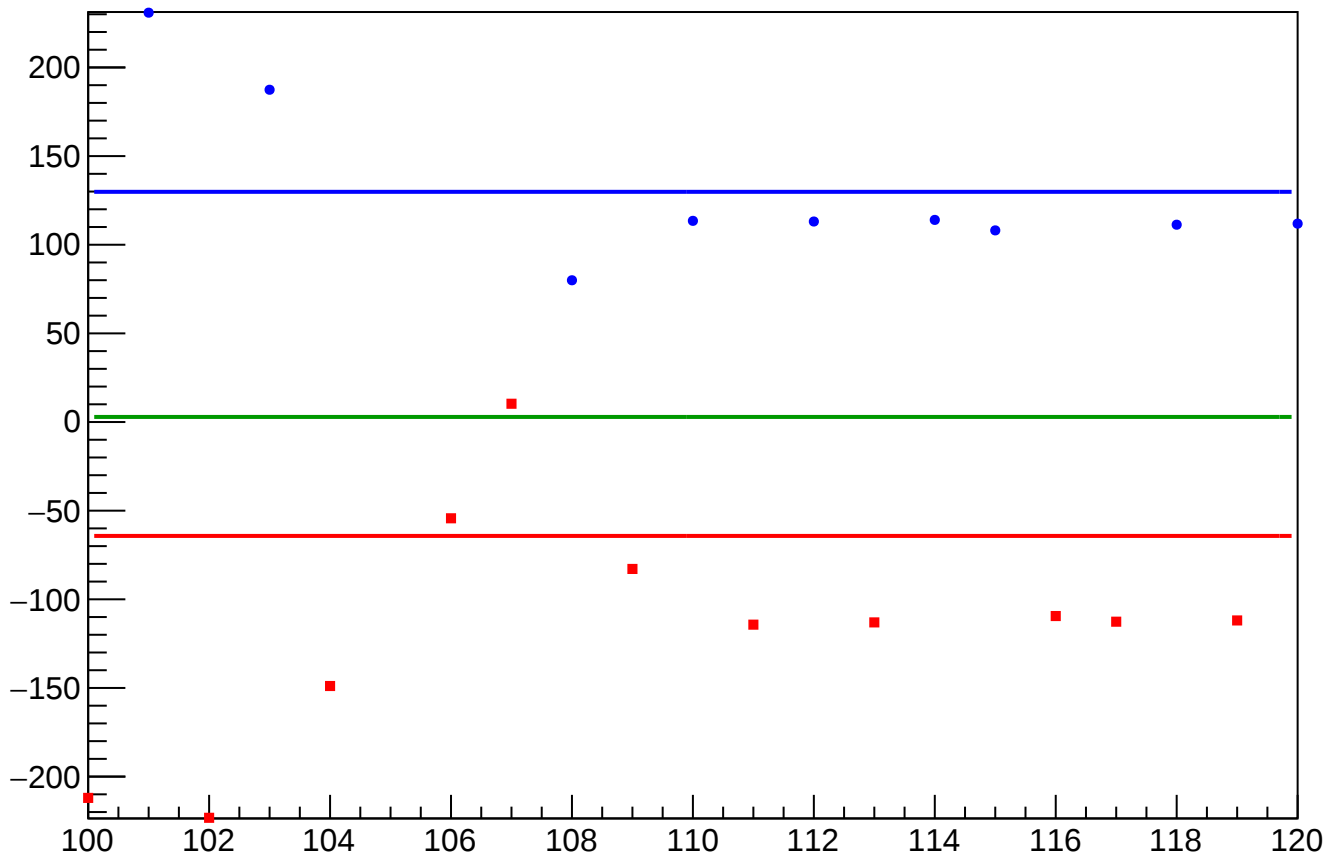
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-82.593 $\pm$ 2.264 χ^2 /NDF: 146.4/8

0.442 $\pm$ 1.435 χ^2 /NDF: 2540.3/19

56.166 $\pm$ 1.855 χ^2 /NDF: 146.9/10

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 129.848 $\pm$ 0.125 χ^2 /NDF: 170462.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.241 $\pm$ 0.091 χ^2 /NDF: 621314.2/10

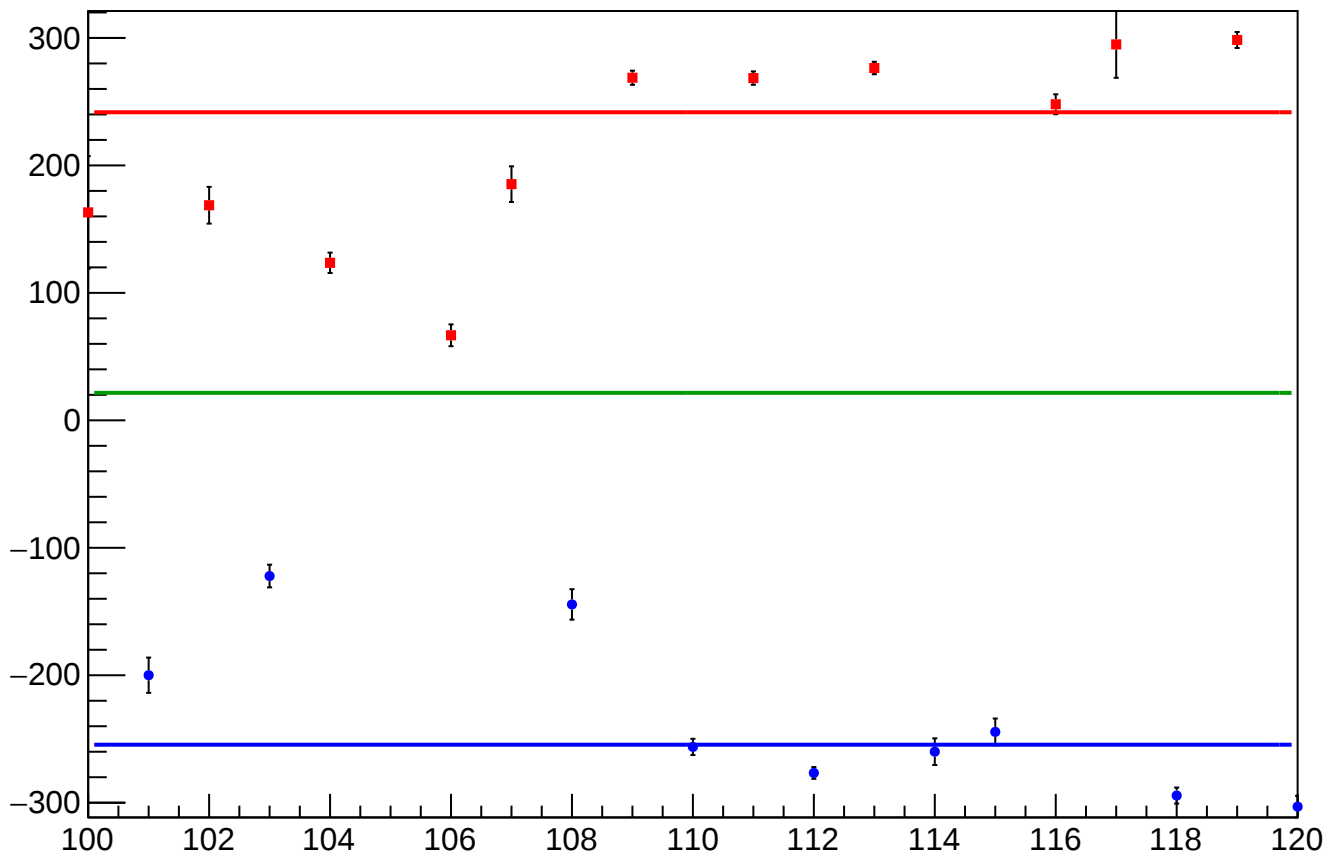
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

129.848 $\pm$ 0.125 χ^2 /NDF: 170462.6/8

2.871 $\pm$ 0.073 χ^2 /NDF: 2371743.1/19

-64.241 $\pm$ 0.091 χ^2 /NDF: 621314.2/10

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -254.488 ± 2.547 χ^2/NDF : 419.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 241.696 ± 2.275 χ^2/NDF : 868.0/10

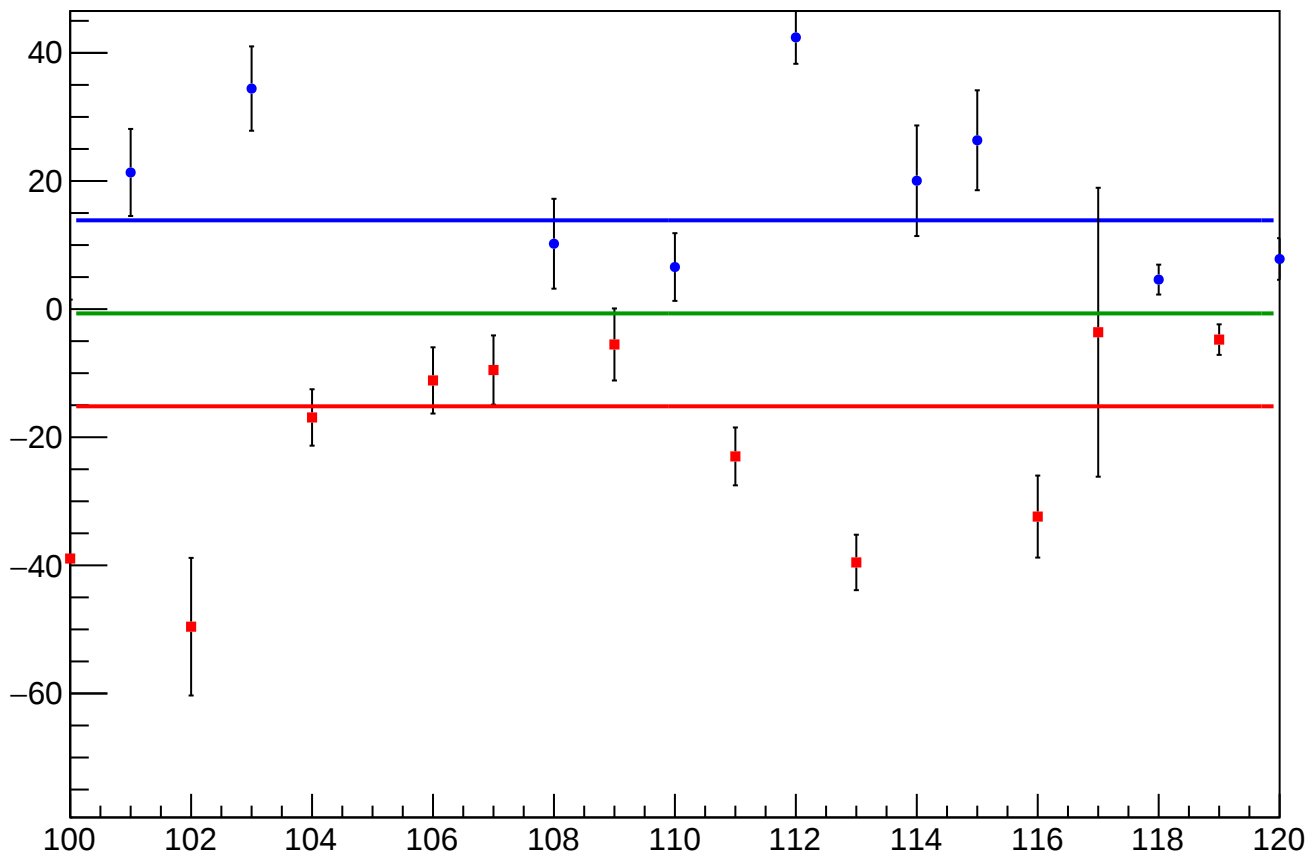
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-254.488 ± 2.547 χ^2/NDF : 419.5/8

21.566 ± 1.697 χ^2/NDF : 22400.2/19

241.696 ± 2.275 χ^2/NDF : 868.0/10

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.860 ± 1.462 χ^2/NDF : 83.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.172 ± 1.460 χ^2/NDF : 76.7/10

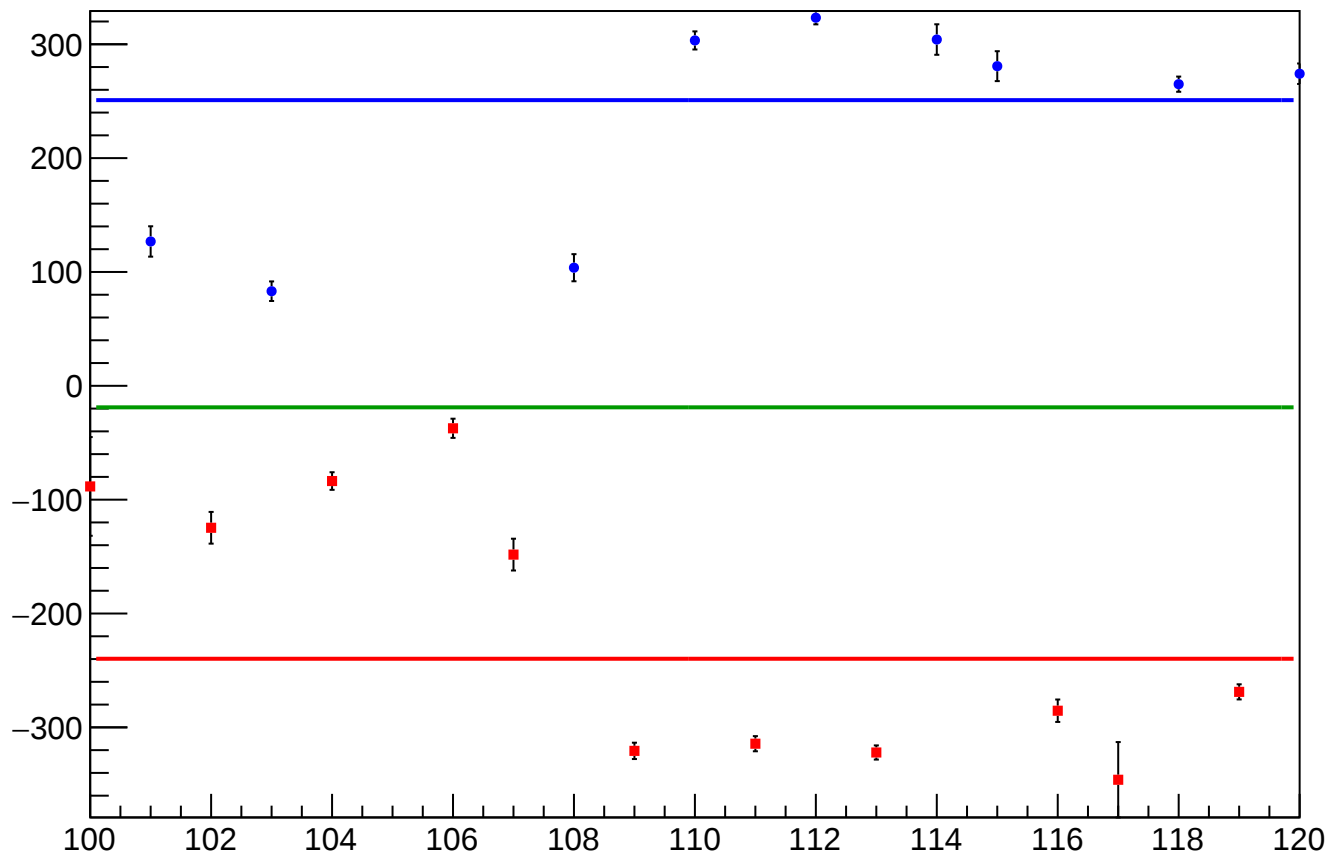
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

13.860 ± 1.462 χ^2/NDF : 83.4/8

-0.671 ± 1.033 χ^2/NDF : 357.6/19

-15.172 ± 1.460 χ^2/NDF : 76.7/10

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 250.925 ± 2.921 $\chi^2/\text{NDF}: 848.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -239.733 ± 2.642 $\chi^2/\text{NDF}: 1586.5/10$

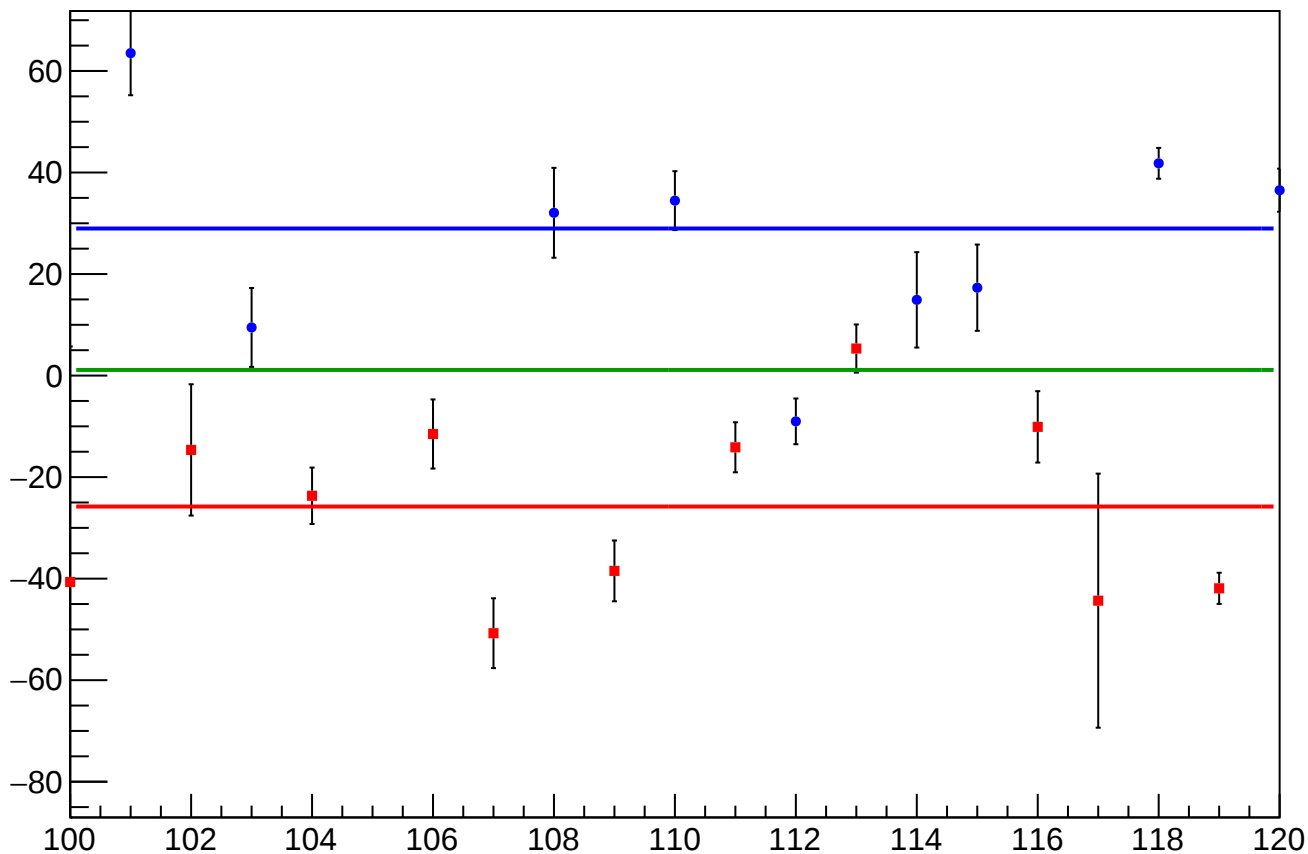
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

250.925 ± 2.921 $\chi^2/\text{NDF}: 848.3/8$

-18.899 ± 1.959 $\chi^2/\text{NDF}: 17954.9/19$

-239.733 ± 2.642 $\chi^2/\text{NDF}: 1586.5/10$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.969+/-1.790 χ^2/NDF : 121.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.797+/-1.760 χ^2/NDF : 104.8/10

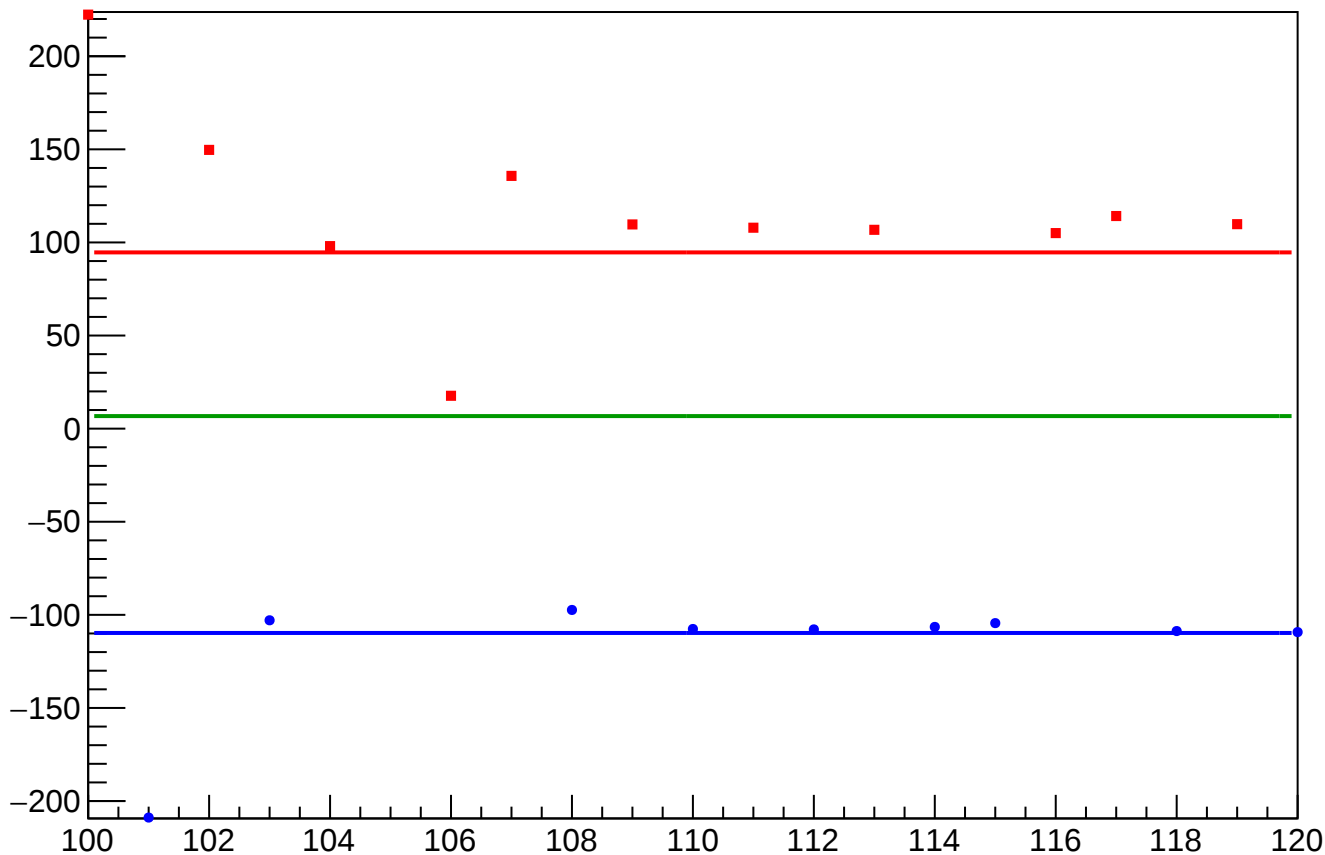
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.969+/-1.790 χ^2/NDF : 121.0/8

1.112+/-1.255 χ^2/NDF : 701.7/19

-25.797+/-1.760 χ^2/NDF : 104.8/10

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -109.729 ± 0.105 $\chi^2/\text{NDF}: 46186.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 94.648 ± 0.091 $\chi^2/\text{NDF}: 200544.0/10$

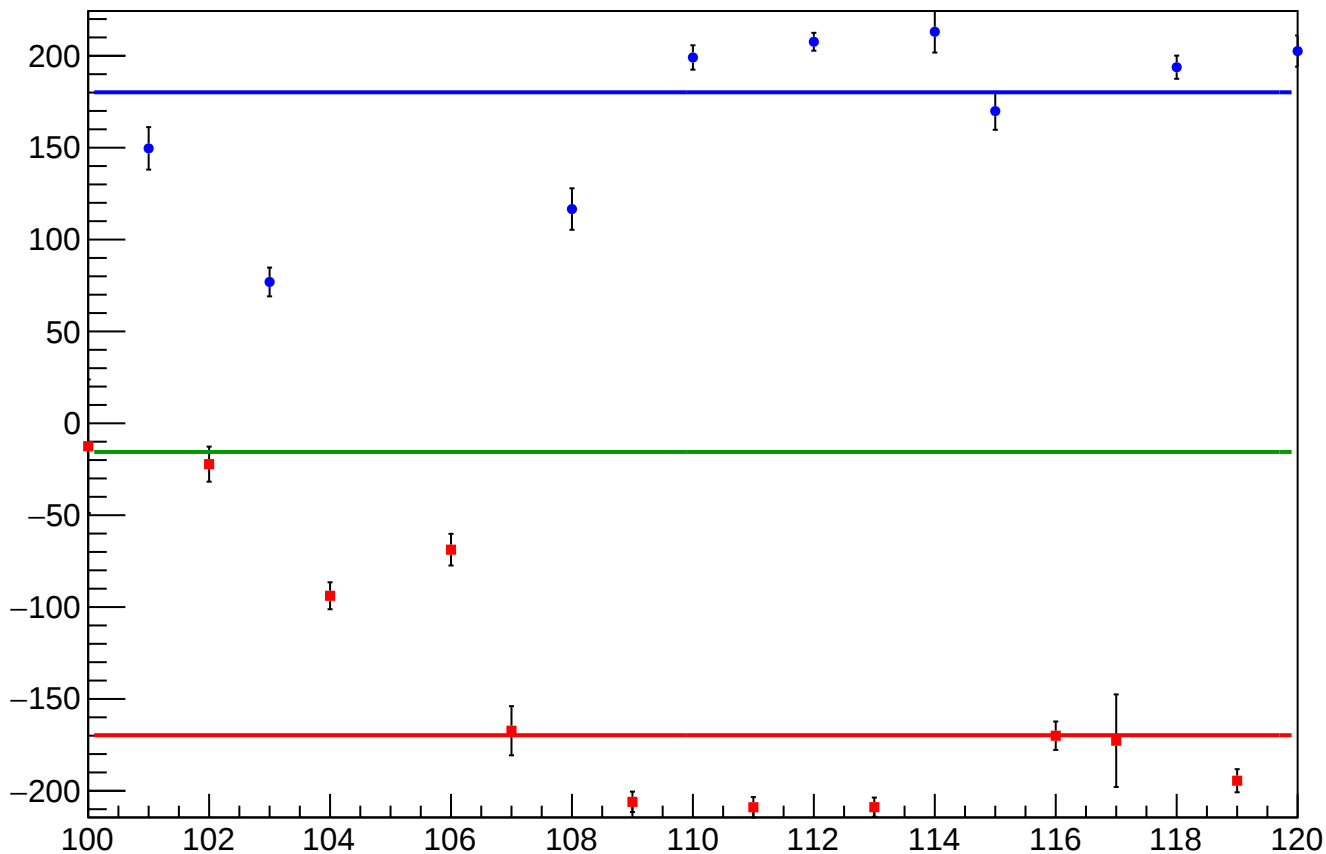
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-109.729 ± 0.105 $\chi^2/\text{NDF}: 46186.6/8$

6.742 ± 0.069 $\chi^2/\text{NDF}: 2401268.0/19$

94.648 ± 0.091 $\chi^2/\text{NDF}: 200544.0/10$

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 180.141 $\pm$ 2.554 χ^2/NDF : 273.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -169.724 $\pm$ 2.267 χ^2/NDF : 667.0/10

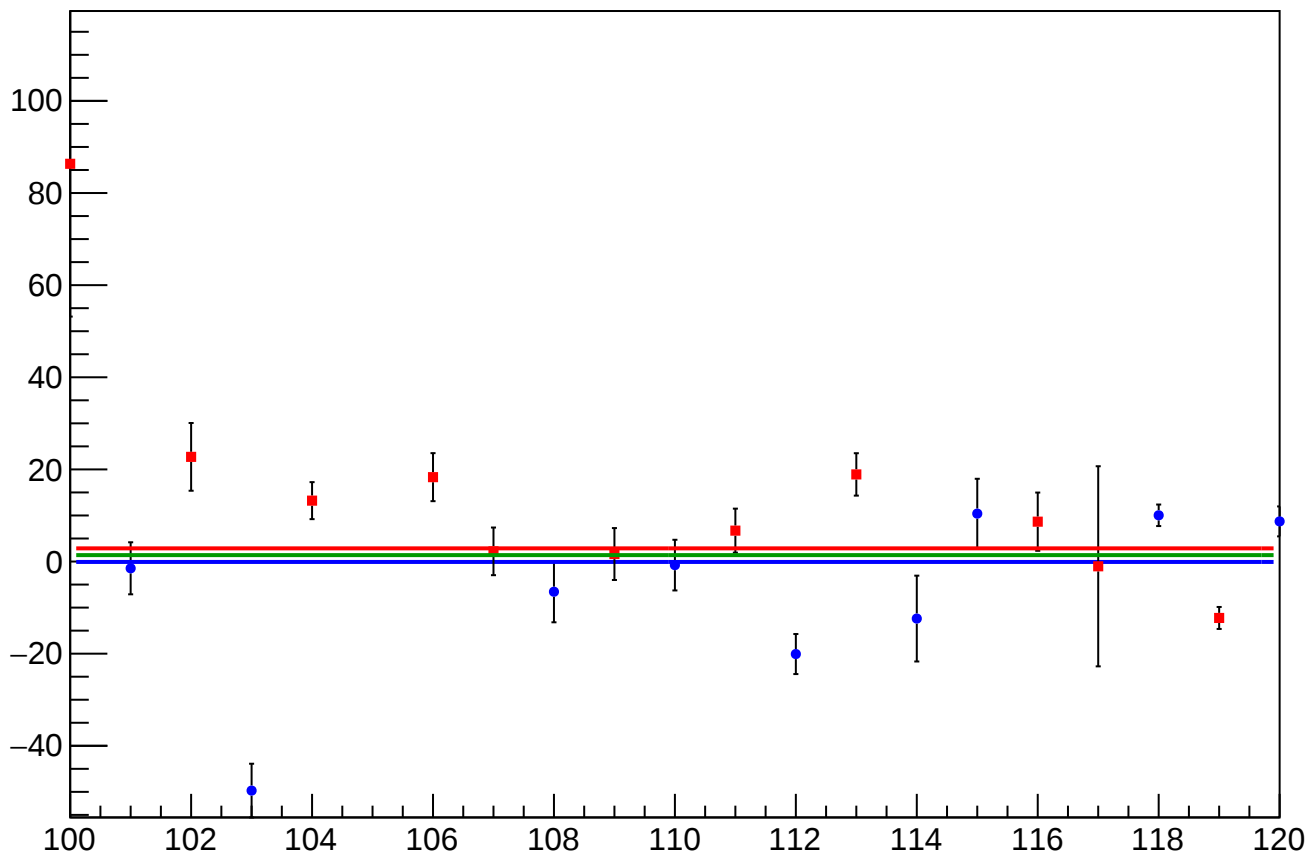
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

180.141 $\pm$ 2.554 χ^2/NDF : 273.9/8

-15.582 $\pm$ 1.695 χ^2/NDF : 11438.3/19

-169.724 $\pm$ 2.267 χ^2/NDF : 667.0/10

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.088+/-1.449 χ^2/NDF : 124.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.861+/-1.442 χ^2/NDF : 82.9/10

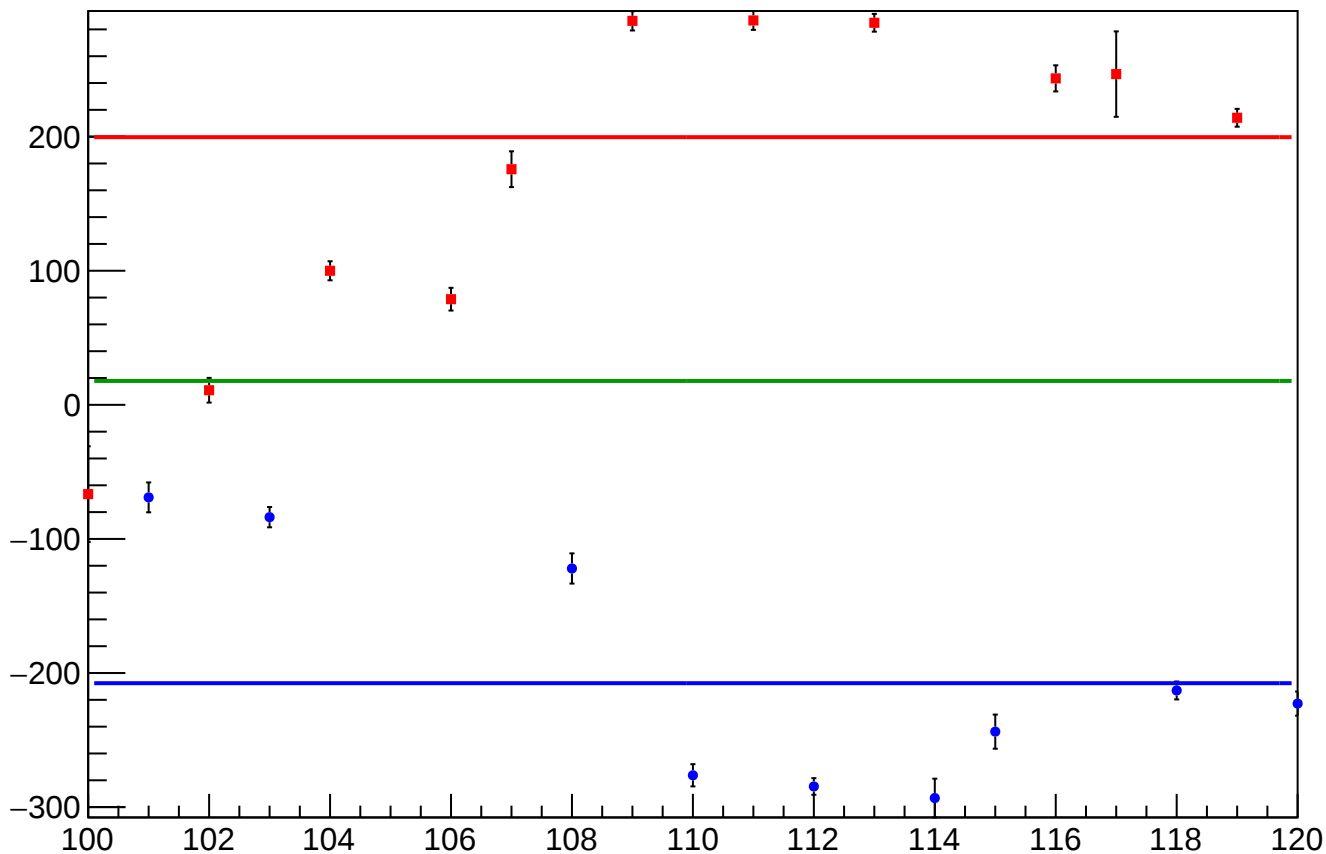
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.088+/-1.449 χ^2/NDF : 124.4/8

1.394+/-1.022 χ^2/NDF : 209.4/19

2.861+/-1.442 χ^2/NDF : 82.9/10

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.585 ± 2.890 $\chi^2/\text{NDF}: 750.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 199.622 ± 2.596 $\chi^2/\text{NDF}: 1370.5/10$

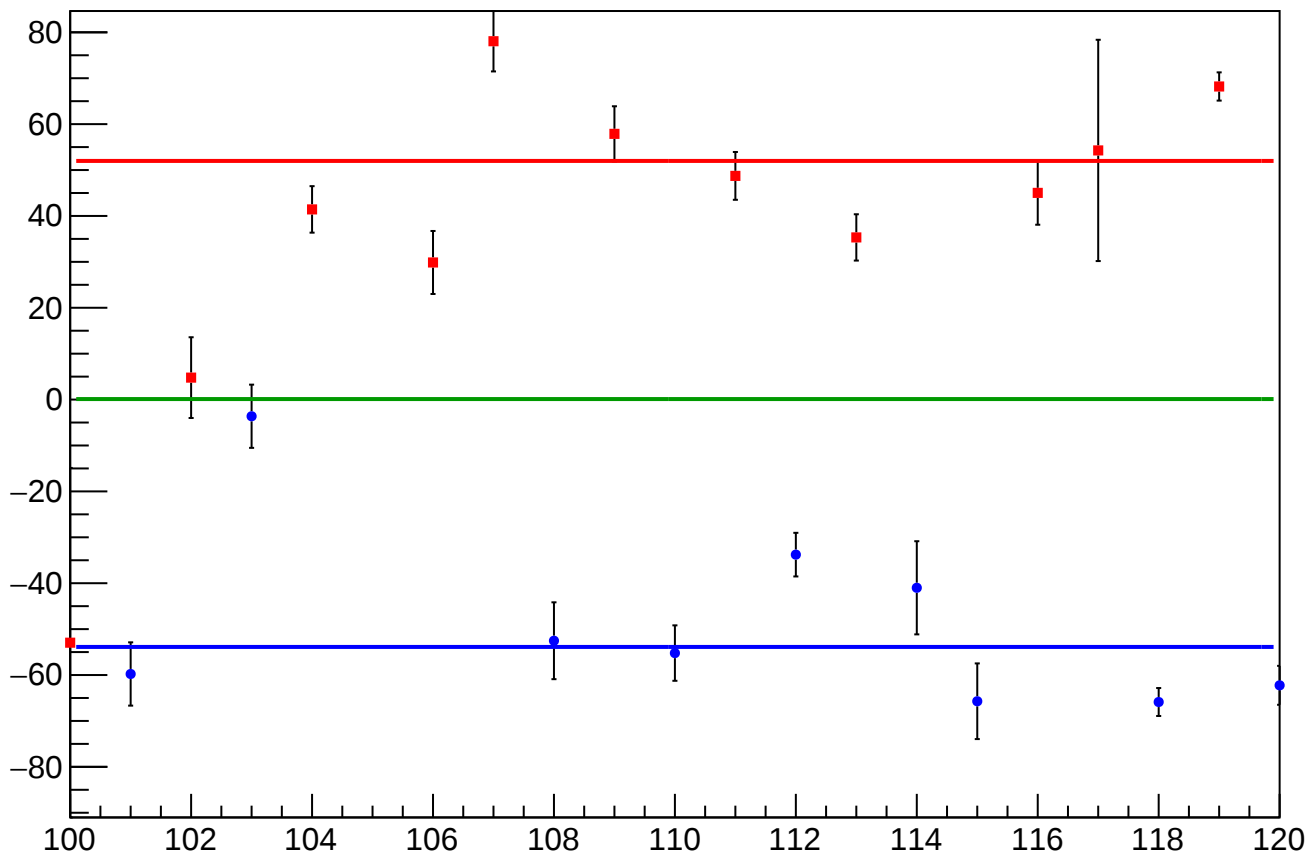
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-207.585 ± 2.890 $\chi^2/\text{NDF}: 750.4/8$

17.819 ± 1.931 $\chi^2/\text{NDF}: 13108.1/19$

199.622 ± 2.596 $\chi^2/\text{NDF}: 1370.5/10$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -53.880 $\pm$ 1.779 χ^2 /NDF: 95.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.985 $\pm$ 1.743 χ^2 /NDF: 107.9/10

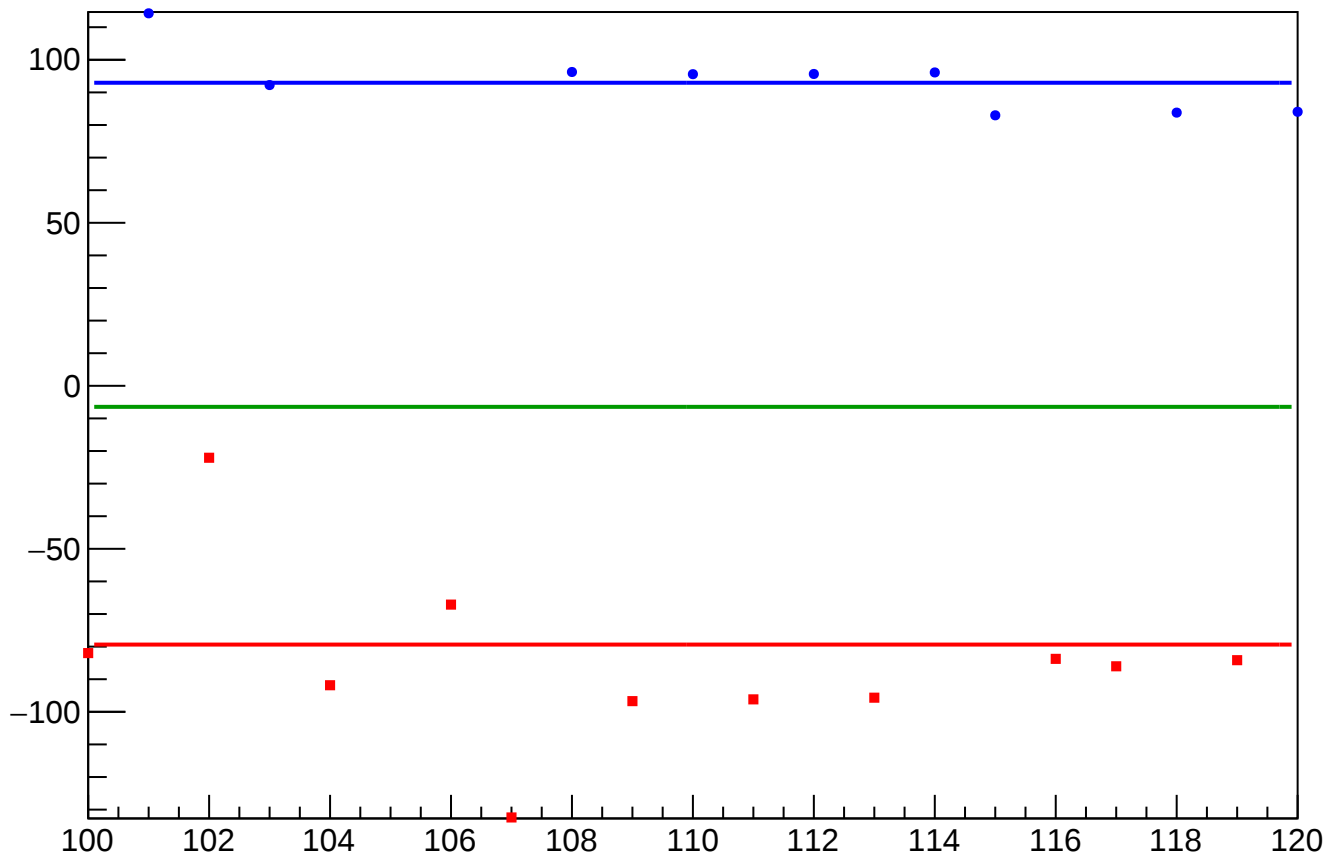
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-53.880 $\pm$ 1.779 χ^2 /NDF: 95.1/8

0.114 $\pm$ 1.245 χ^2 /NDF: 2009.9/19

51.985 $\pm$ 1.743 χ^2 /NDF: 107.9/10

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 92.959+/-0.100 χ^2/NDF : 5155.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.373+/-0.086 χ^2/NDF : 119748.1/10

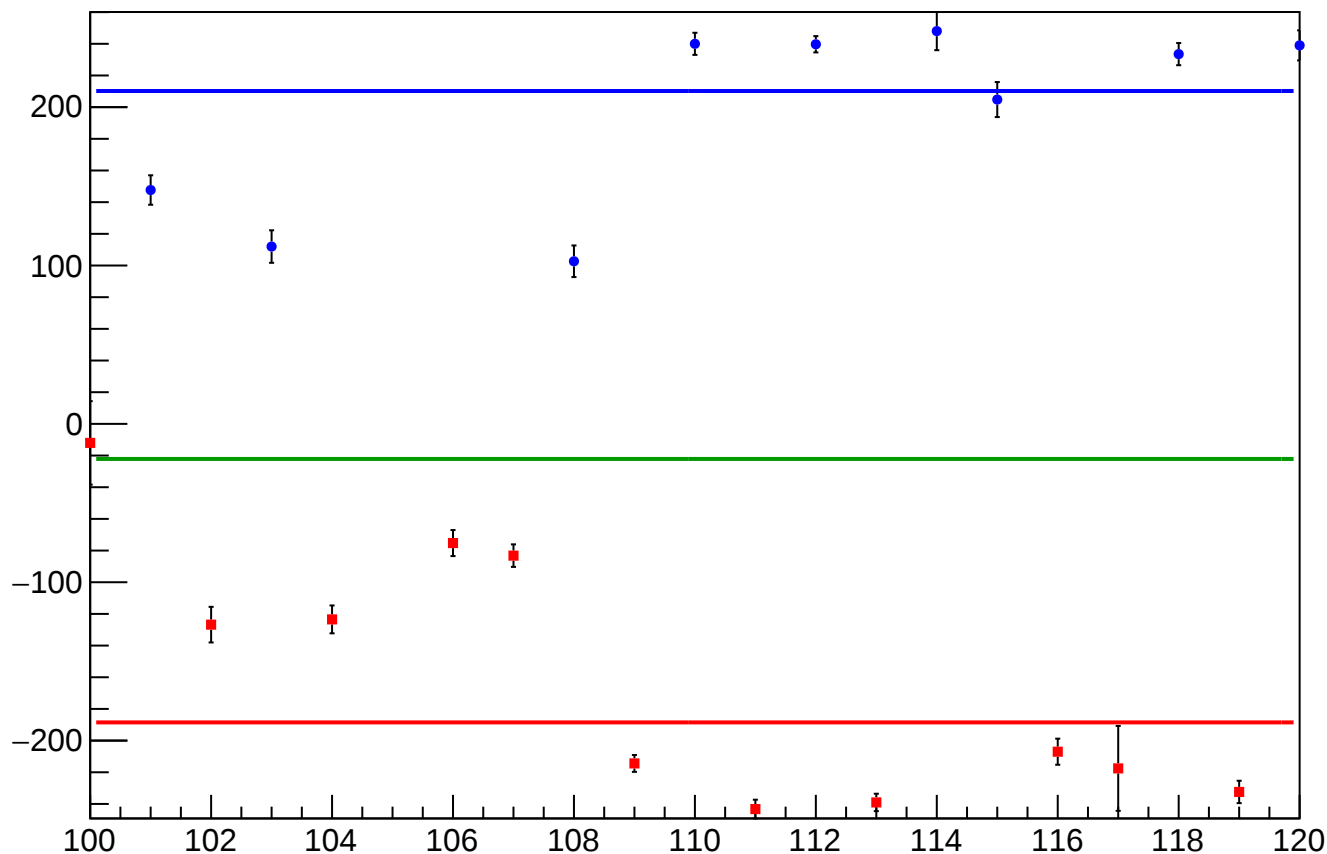
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

92.959+/-0.100 χ^2/NDF : 5155.2/8

-6.454+/-0.065 χ^2/NDF : 1833141.3/19

-79.373+/-0.086 χ^2/NDF : 119748.1/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 210.197+/-2.713 χ^2/NDF : 334.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.510+/-2.296 χ^2/NDF : 777.0/10

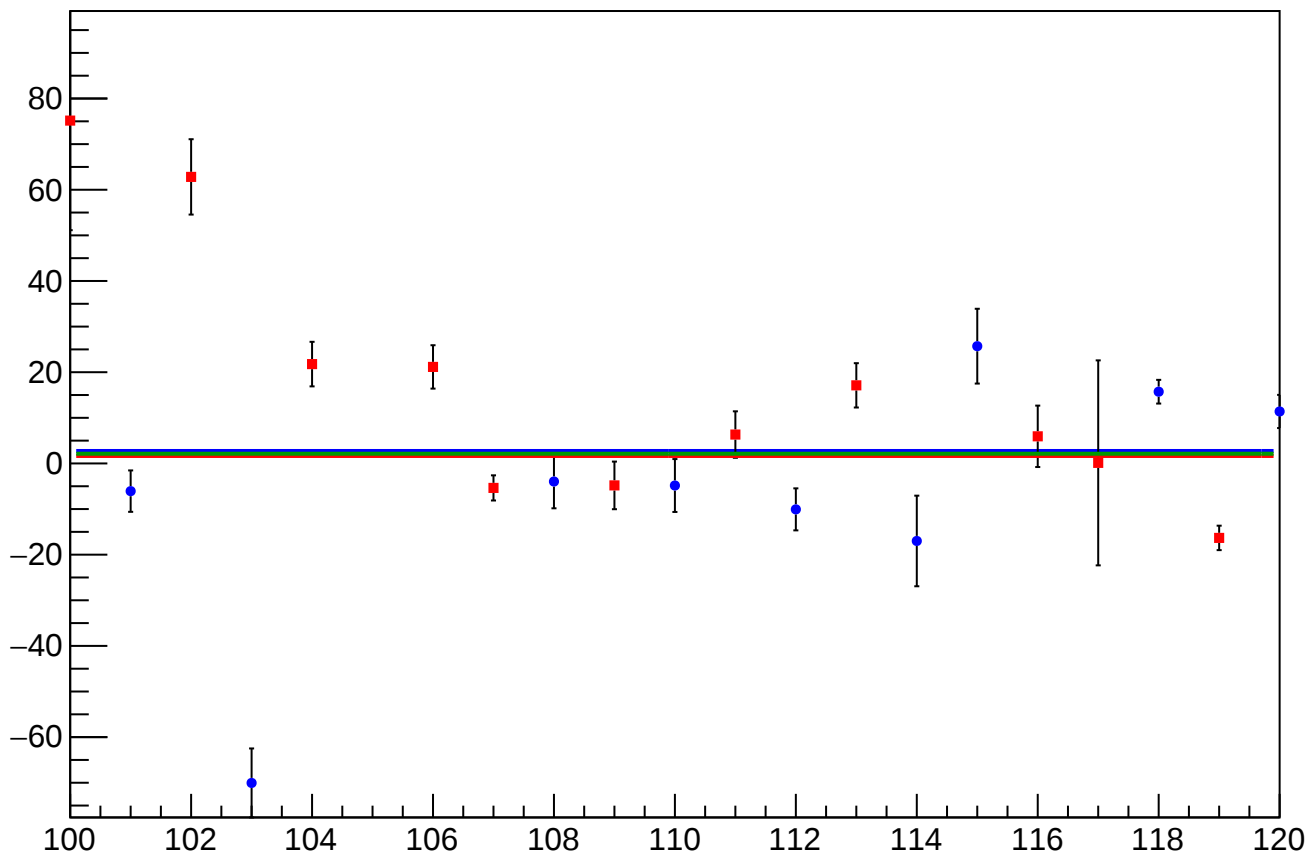
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

210.197+/-2.713 χ^2/NDF : 334.3/8

-22.147+/-1.752 χ^2/NDF : 13699.0/19

-188.510+/-2.296 χ^2/NDF : 777.0/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.730+/-1.542 χ^2/NDF : 149.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.639+/-1.393 χ^2/NDF : 162.4/10

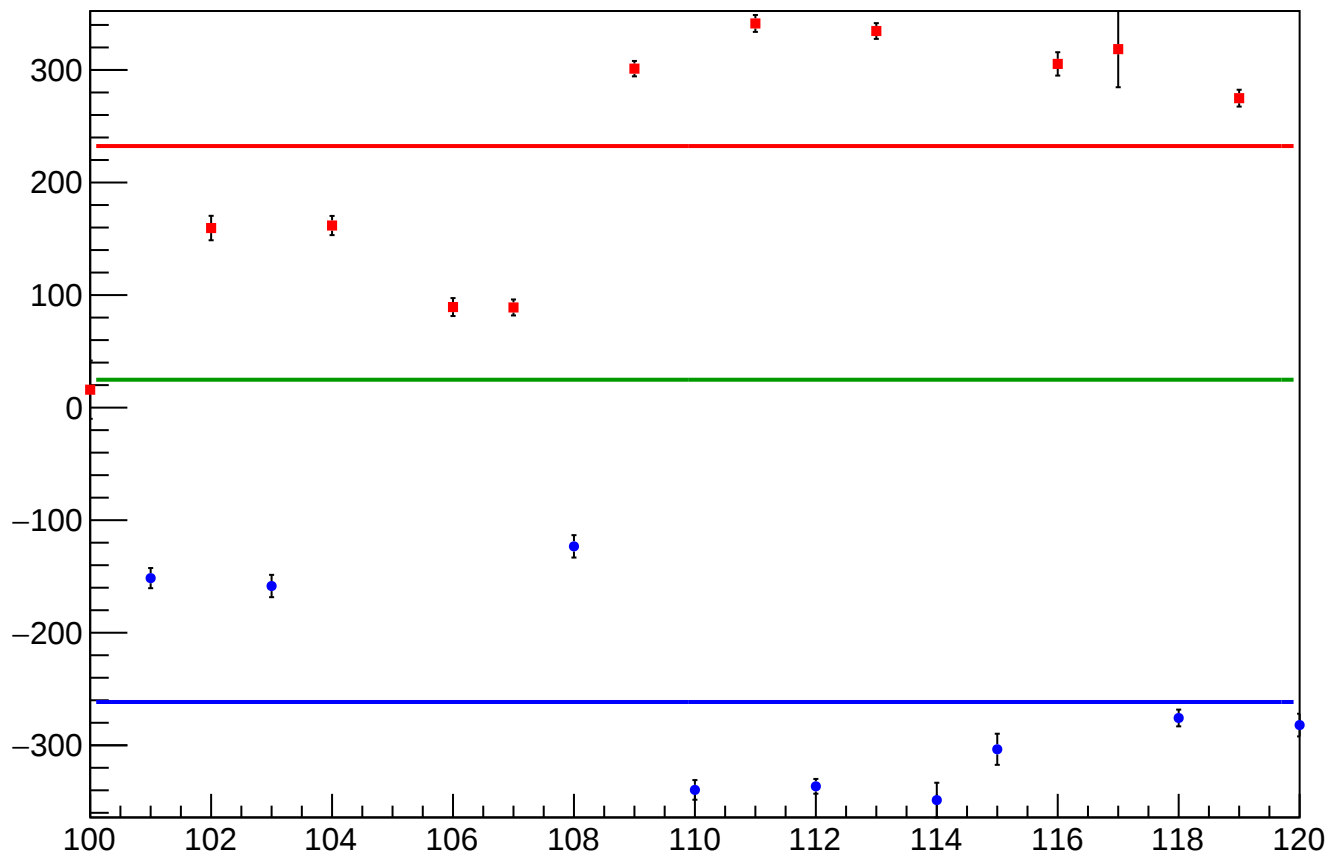
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.730+/-1.542 χ^2/NDF : 149.6/8

2.129+/-1.034 χ^2/NDF : 312.2/19

1.639+/-1.393 χ^2/NDF : 162.4/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -261.537+/-3.065 χ^2/NDF : 711.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.405+/-2.610 χ^2/NDF : 1526.5/10

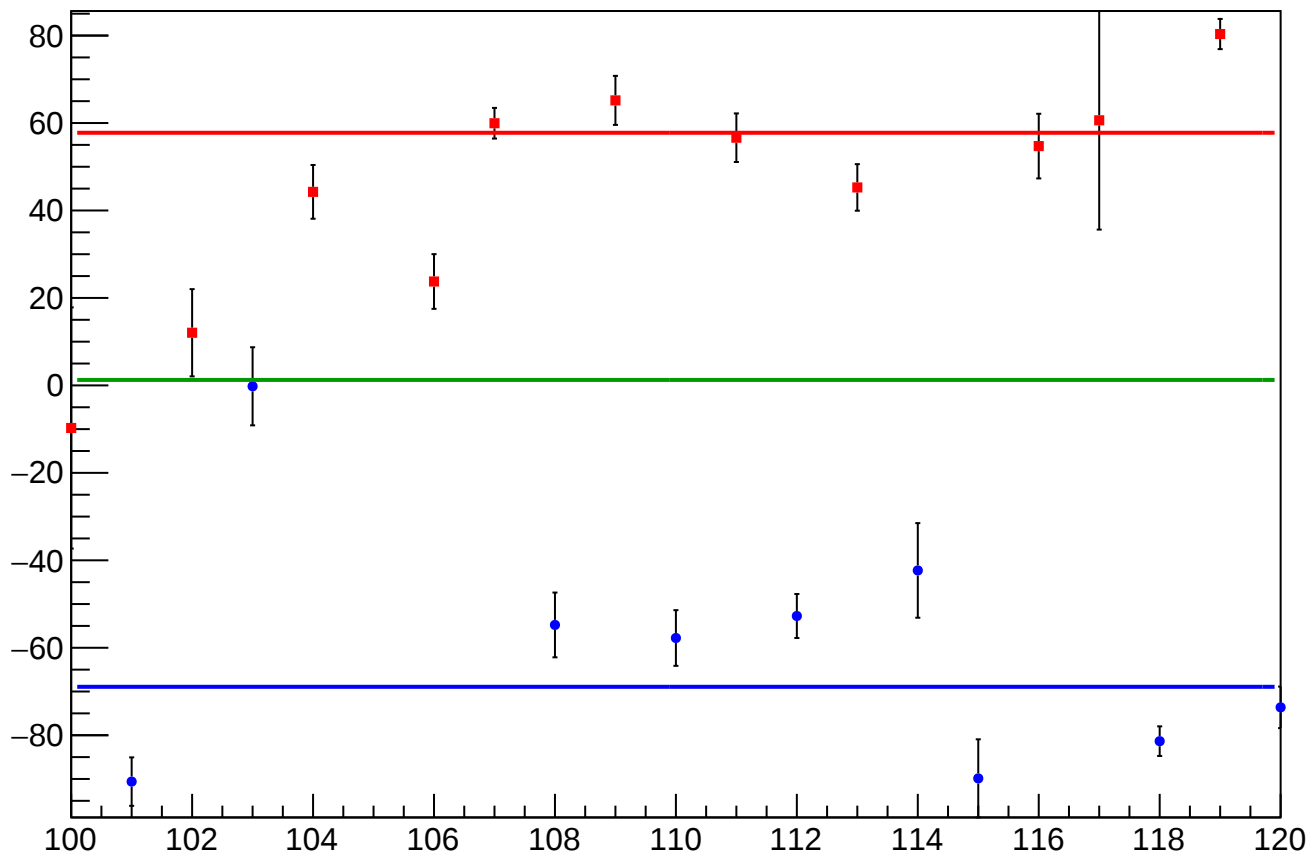
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-261.537+/-3.065 χ^2/NDF : 711.3/8

24.789+/-1.987 χ^2/NDF : 17295.8/19

232.405+/-2.610 χ^2/NDF : 1526.5/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.925 $\pm$ 1.889 χ^2 /NDF: 117.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.773 $\pm$ 1.696 χ^2 /NDF: 112.0/10

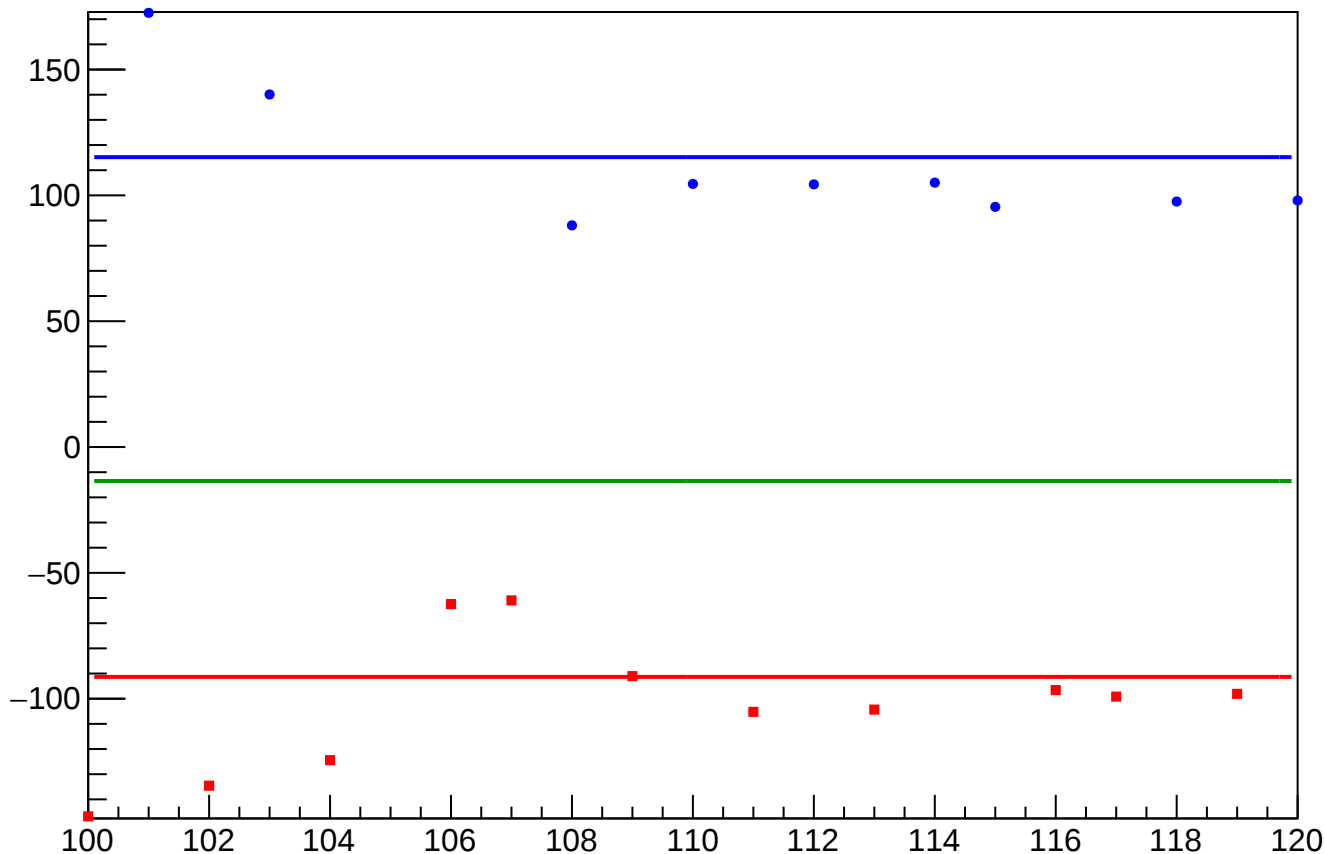
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.925 $\pm$ 1.889 χ^2 /NDF: 117.6/8

1.253 $\pm$ 1.262 χ^2 /NDF: 2720.4/19

57.773 $\pm$ 1.696 χ^2 /NDF: 112.0/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.185 ± 0.108 χ^2/NDF : 66595.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -91.330 ± 0.084 χ^2/NDF : 113546.9/10

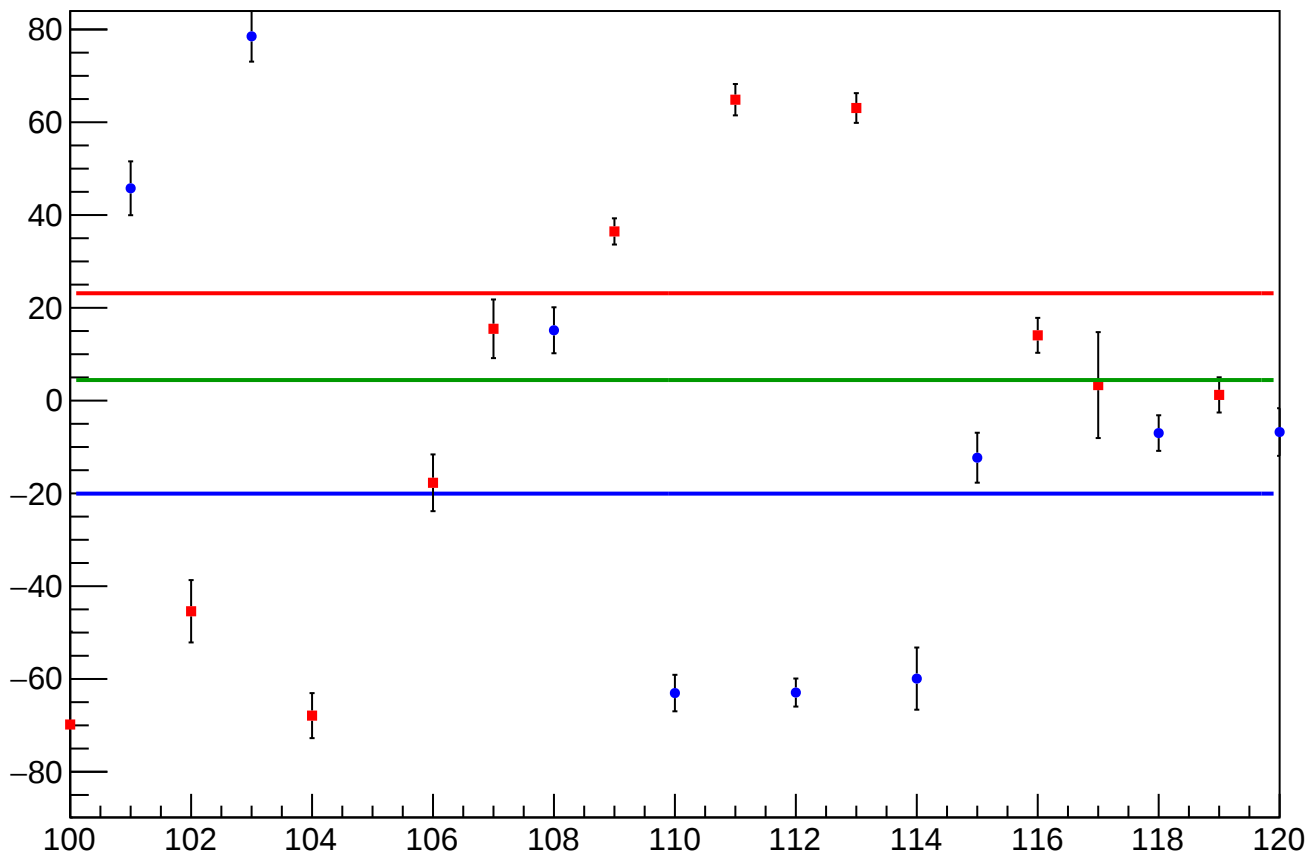
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

115.185 ± 0.108 χ^2/NDF : 66595.5/8

-13.500 ± 0.066 χ^2/NDF : 2474299.4/19

-91.330 ± 0.084 χ^2/NDF : 113546.9/10

reg_asym_atl_dd_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -20.047 ± 1.506 χ^2/NDF : 881.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.139 ± 1.317 χ^2/NDF : 895.7/10

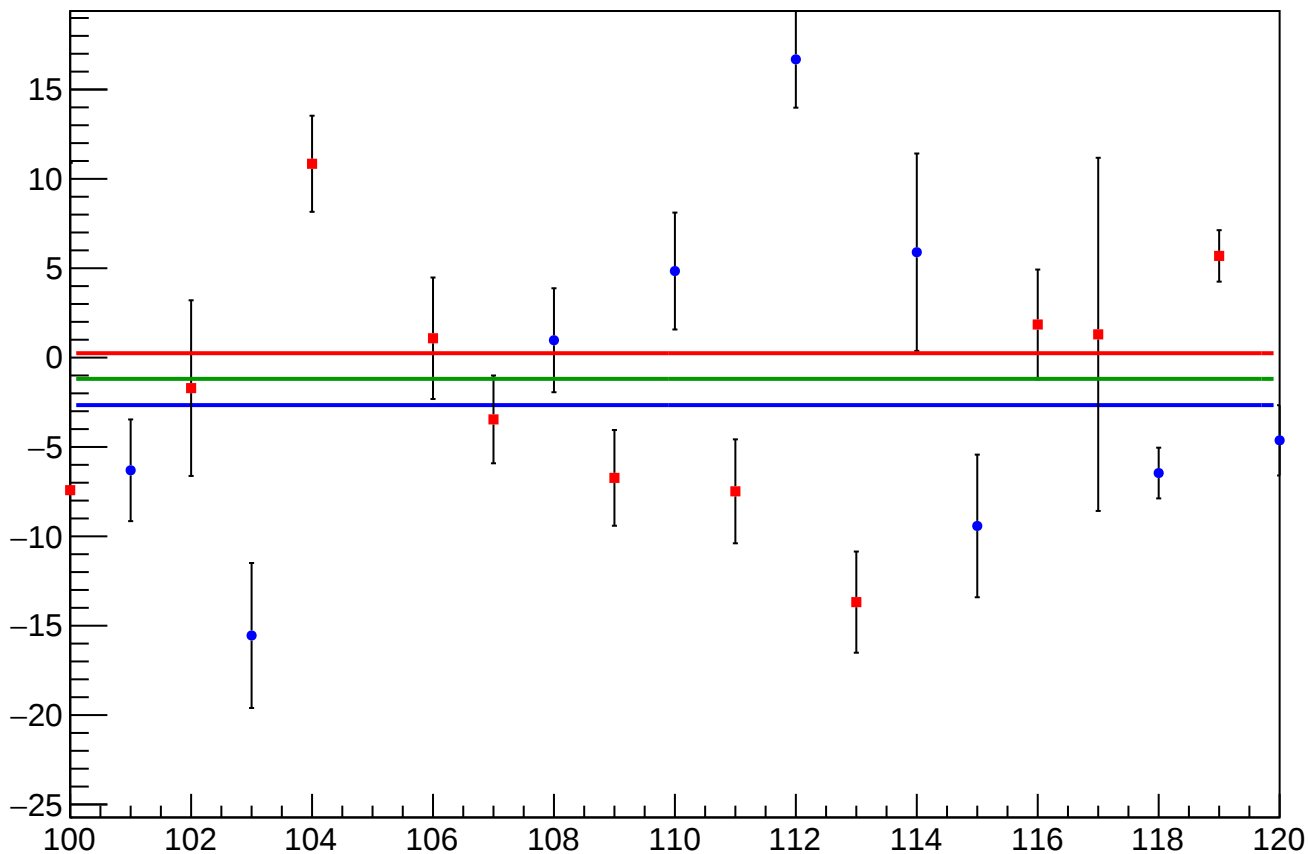
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-20.047 ± 1.506 χ^2/NDF : 881.9/8

4.434 ± 0.991 χ^2/NDF : 2243.5/19

23.139 ± 1.317 χ^2/NDF : 895.7/10

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.658+/-0.850 χ^2/NDF : 83.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.246+/-0.840 χ^2/NDF : 70.8/10

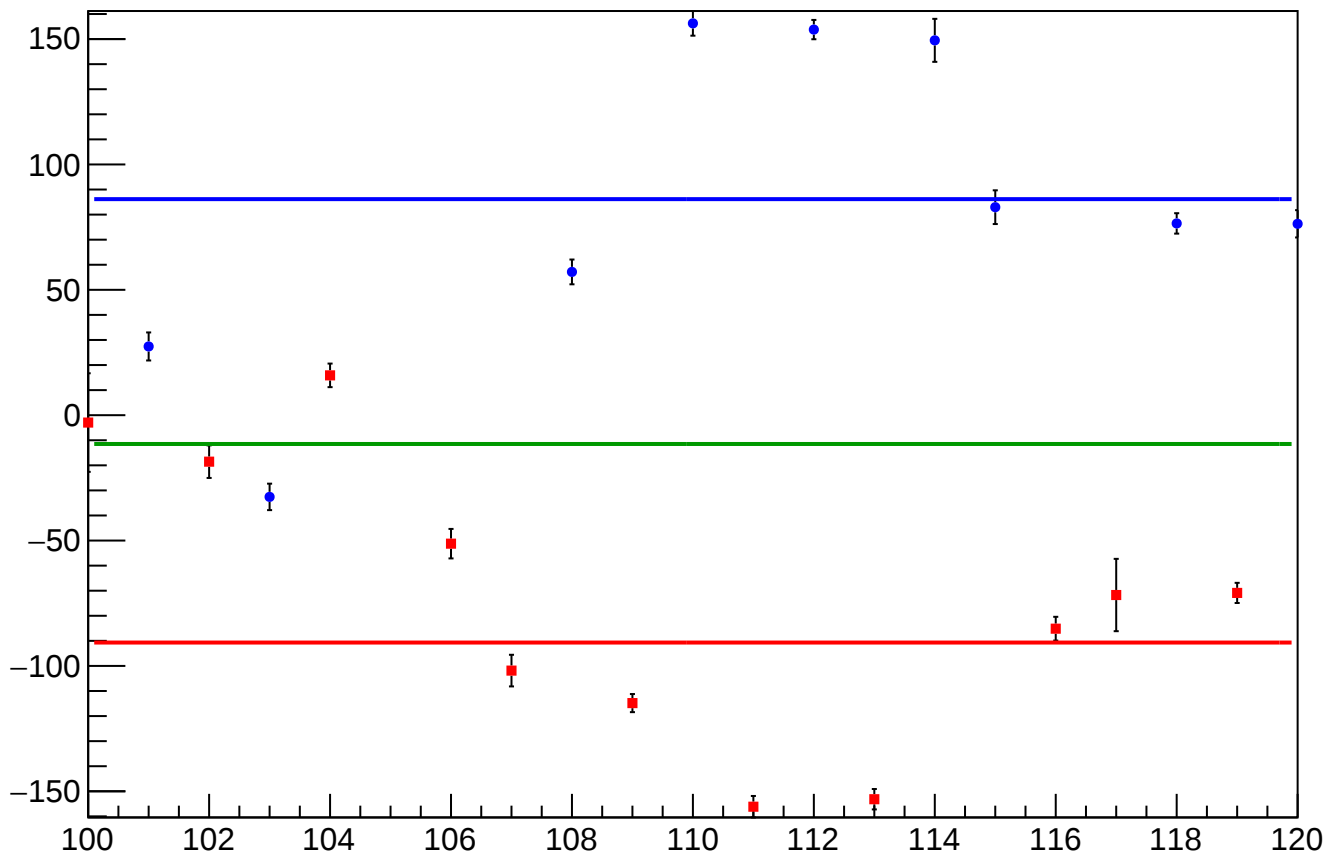
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.658+/-0.850 χ^2/NDF : 83.2/8

-1.190+/-0.598 χ^2/NDF : 159.9/19

0.246+/-0.840 χ^2/NDF : 70.8/10

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 86.169+/-1.697 χ^2/NDF : 1226.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -90.677+/-1.528 χ^2/NDF : 1246.8/10

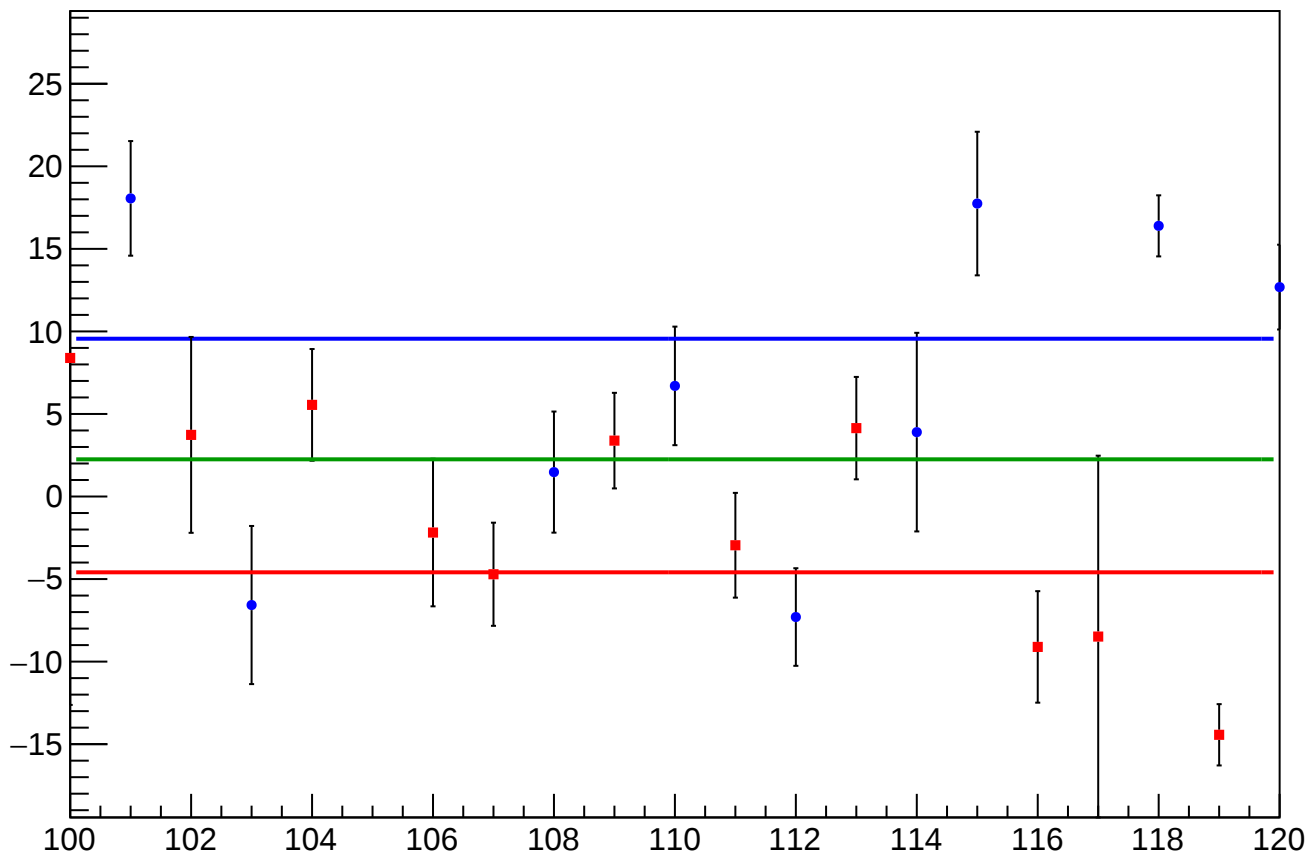
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

86.169+/-1.697 χ^2/NDF : 1226.8/8

-11.483+/-1.135 χ^2/NDF : 8473.0/19

-90.677+/-1.528 χ^2/NDF : 1246.8/10

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.557 $\pm$ 1.044 χ^2/NDF : 74.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.591 $\pm$ 1.011 χ^2/NDF : 57.4/10

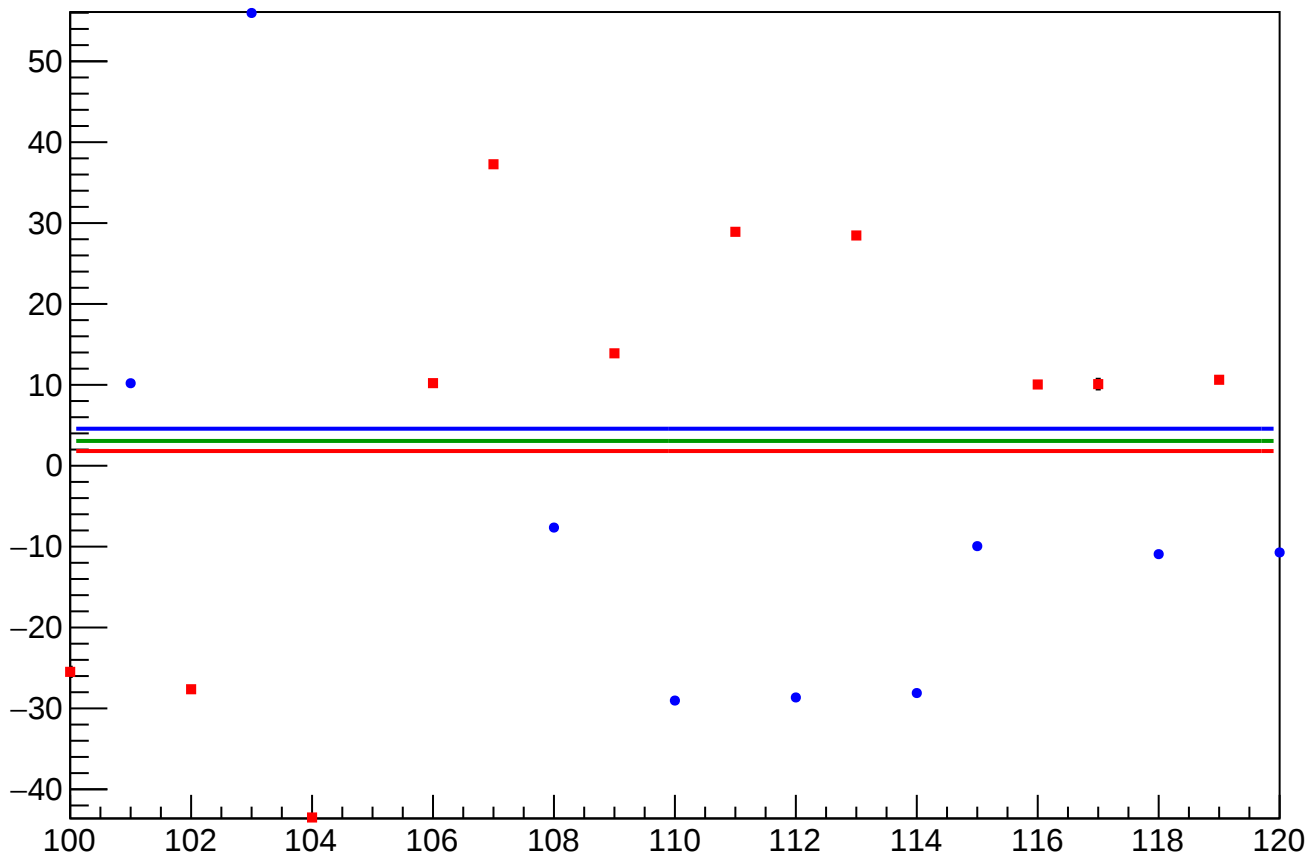
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9.557 $\pm$ 1.044 χ^2/NDF : 74.9/8

2.252 $\pm$ 0.726 χ^2/NDF : 227.2/19

-4.591 $\pm$ 1.011 χ^2/NDF : 57.4/10

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.578+/-0.058 χ^2/NDF : 277316.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.816+/-0.053 χ^2/NDF : 295516.8/10

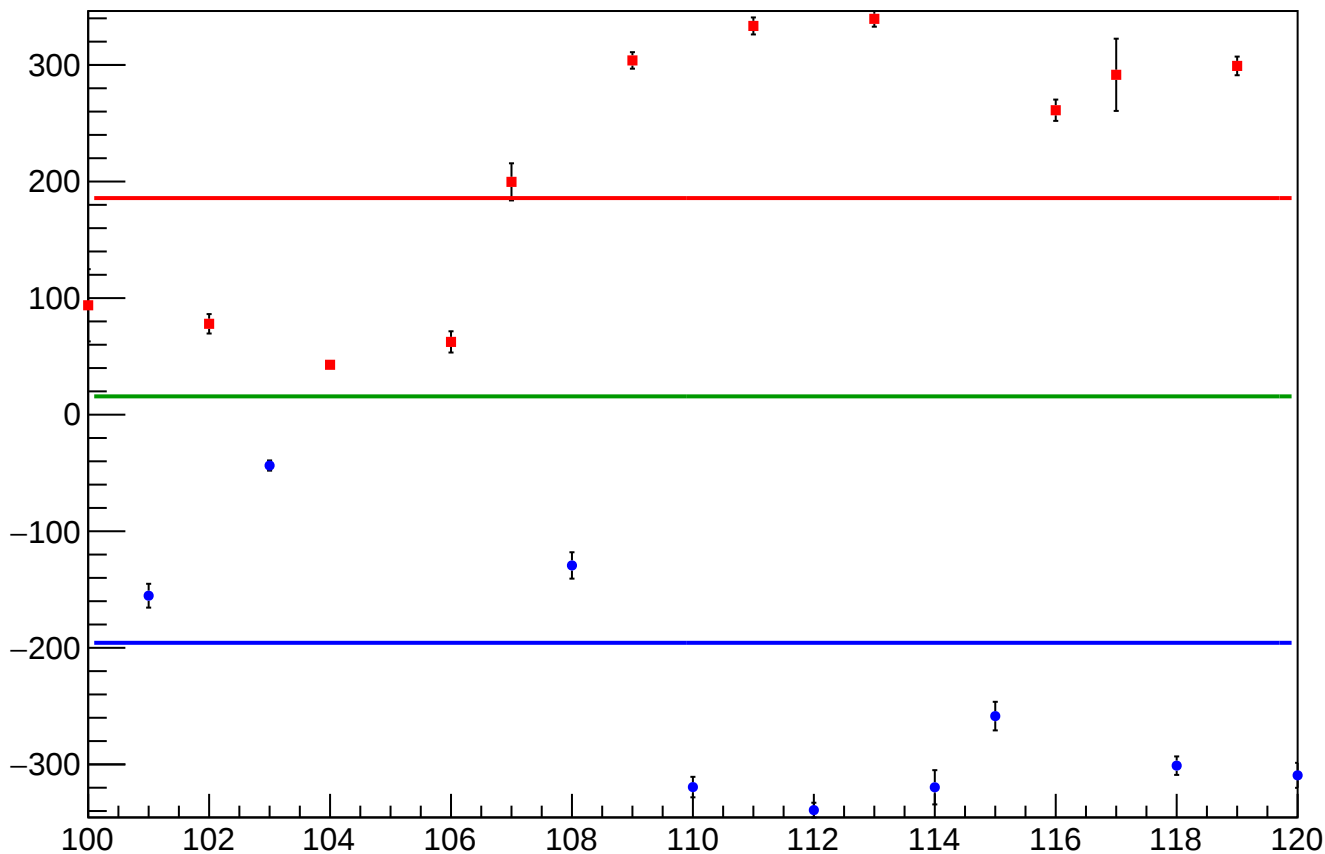
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.578+/-0.058 χ^2/NDF : 277316.1/8

3.065+/-0.039 χ^2/NDF : 574070.4/19

1.816+/-0.053 χ^2/NDF : 295516.8/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -195.695+/-2.638 χ^2/NDF : 2362.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.803+/-2.367 χ^2/NDF : 3030.1/10

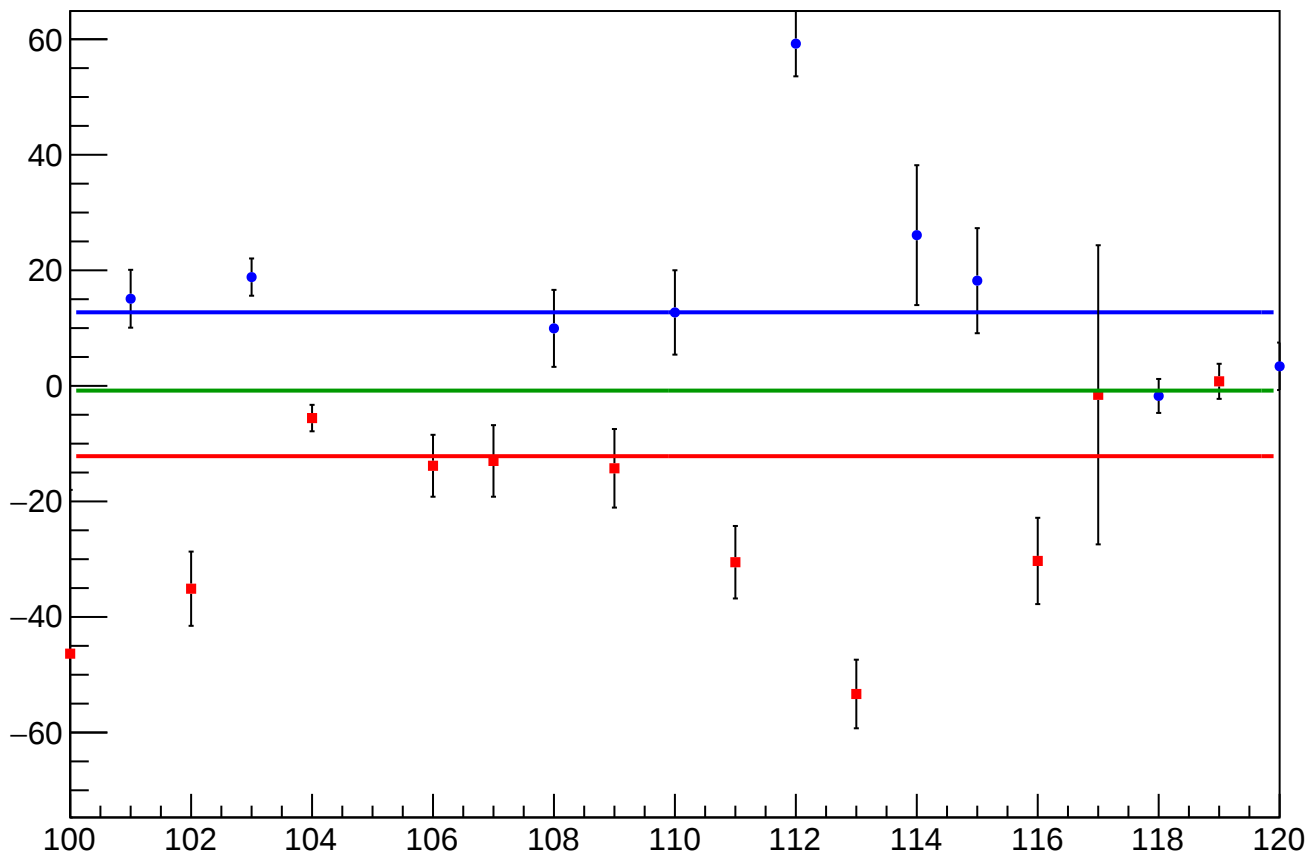
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-195.695+/-2.638 χ^2/NDF : 2362.0/8

15.705+/-1.762 χ^2/NDF : 16979.0/19

185.803+/-2.367 χ^2/NDF : 3030.1/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.734+/-1.576 χ^2/NDF : 102.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.169+/-1.442 χ^2/NDF : 103.6/10

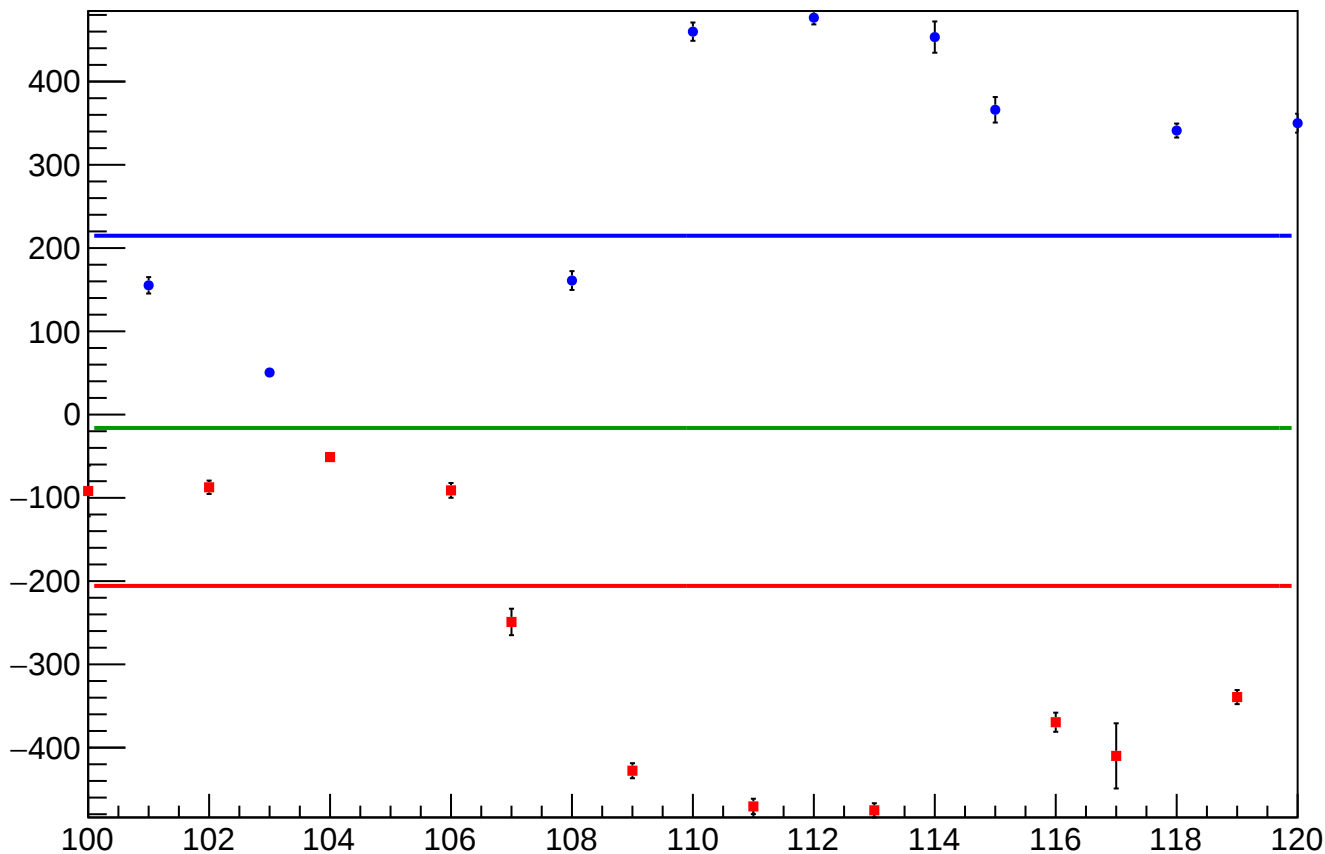
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.734+/-1.576 χ^2/NDF : 102.6/8

-0.819+/-1.064 χ^2/NDF : 342.1/19

-12.169+/-1.442 χ^2/NDF : 103.6/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 214.822 ± 2.808 χ^2/NDF : 3752.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -205.762 ± 2.545 χ^2/NDF : 4772.8/10

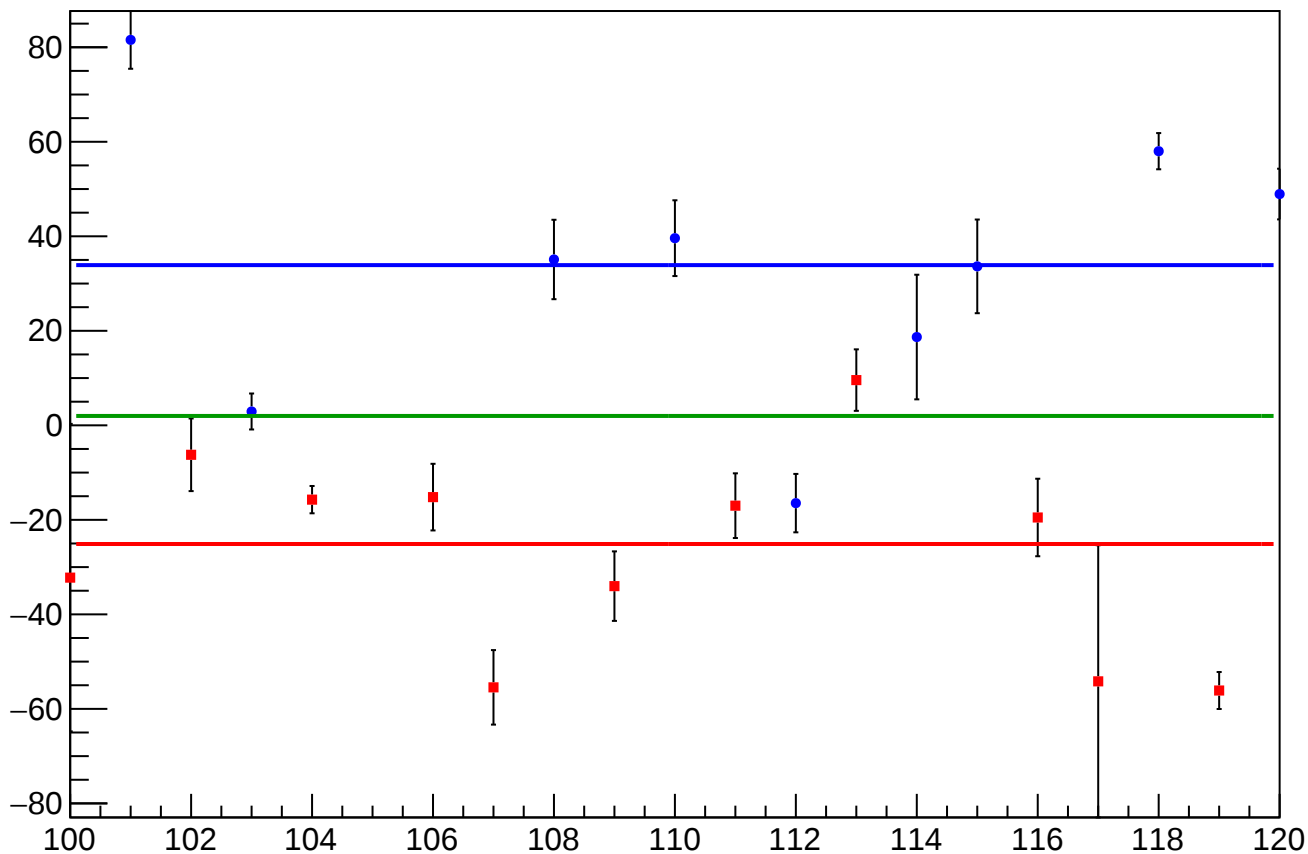
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

214.822 ± 2.808 χ^2/NDF : 3752.8/8

-16.048 ± 1.886 χ^2/NDF : 20840.2/19

-205.762 ± 2.545 χ^2/NDF : 4772.8/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.902+/-1.922 χ^2/NDF : 242.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.111+/-1.771 χ^2/NDF : 129.0/10

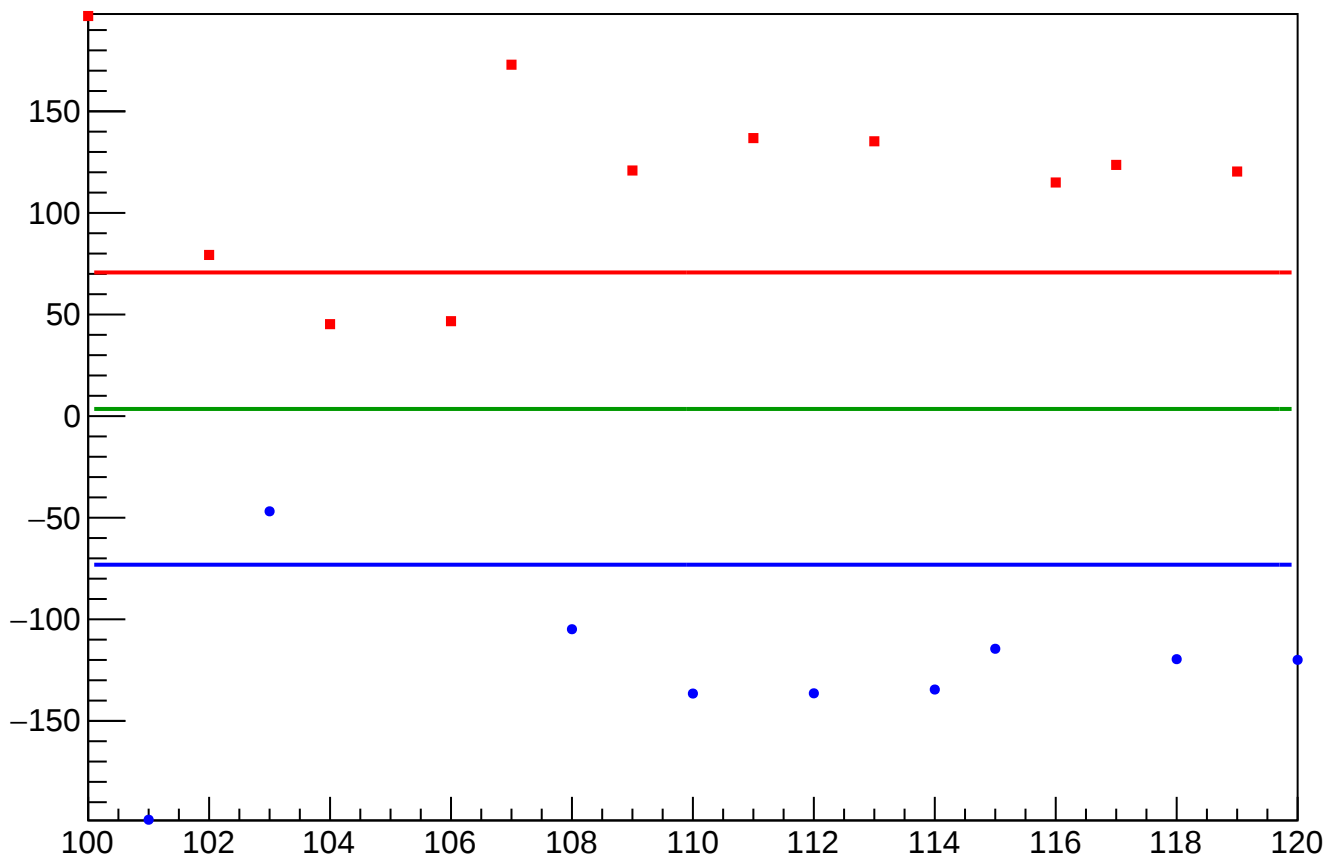
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.902+/-1.922 χ^2/NDF : 242.8/8

1.986+/-1.303 χ^2/NDF : 881.4/19

-25.111+/-1.771 χ^2/NDF : 129.0/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -73.126+/-0.079 χ^2/NDF : 296243.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.701+/-0.074 χ^2/NDF : 266982.5/10

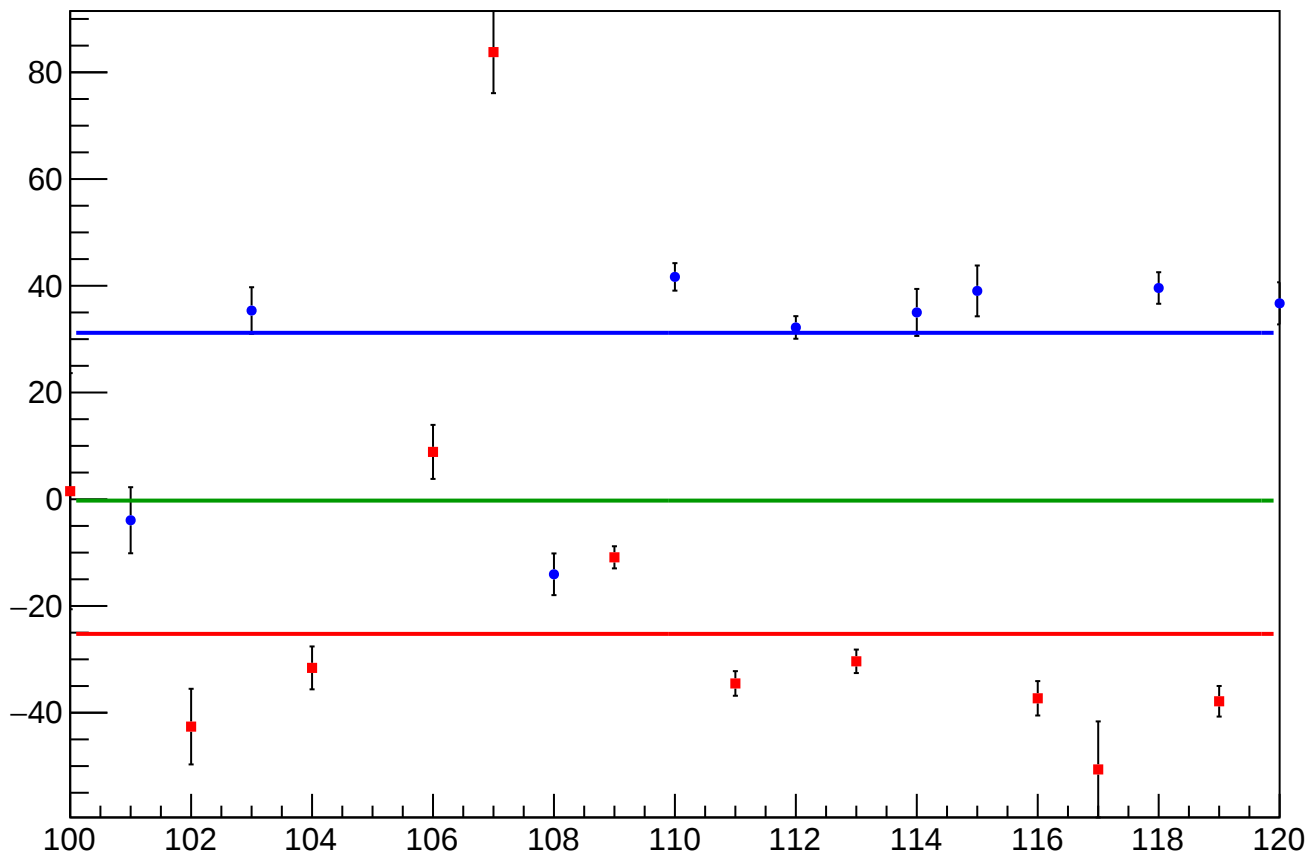
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-73.126+/-0.079 χ^2/NDF : 296243.7/8

3.525+/-0.054 χ^2/NDF : 2336641.1/19

70.701+/-0.074 χ^2/NDF : 266982.5/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 31.186+/-1.124 χ^2 /NDF: 197.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -25.229+/-1.001 χ^2 /NDF: 366.9/10

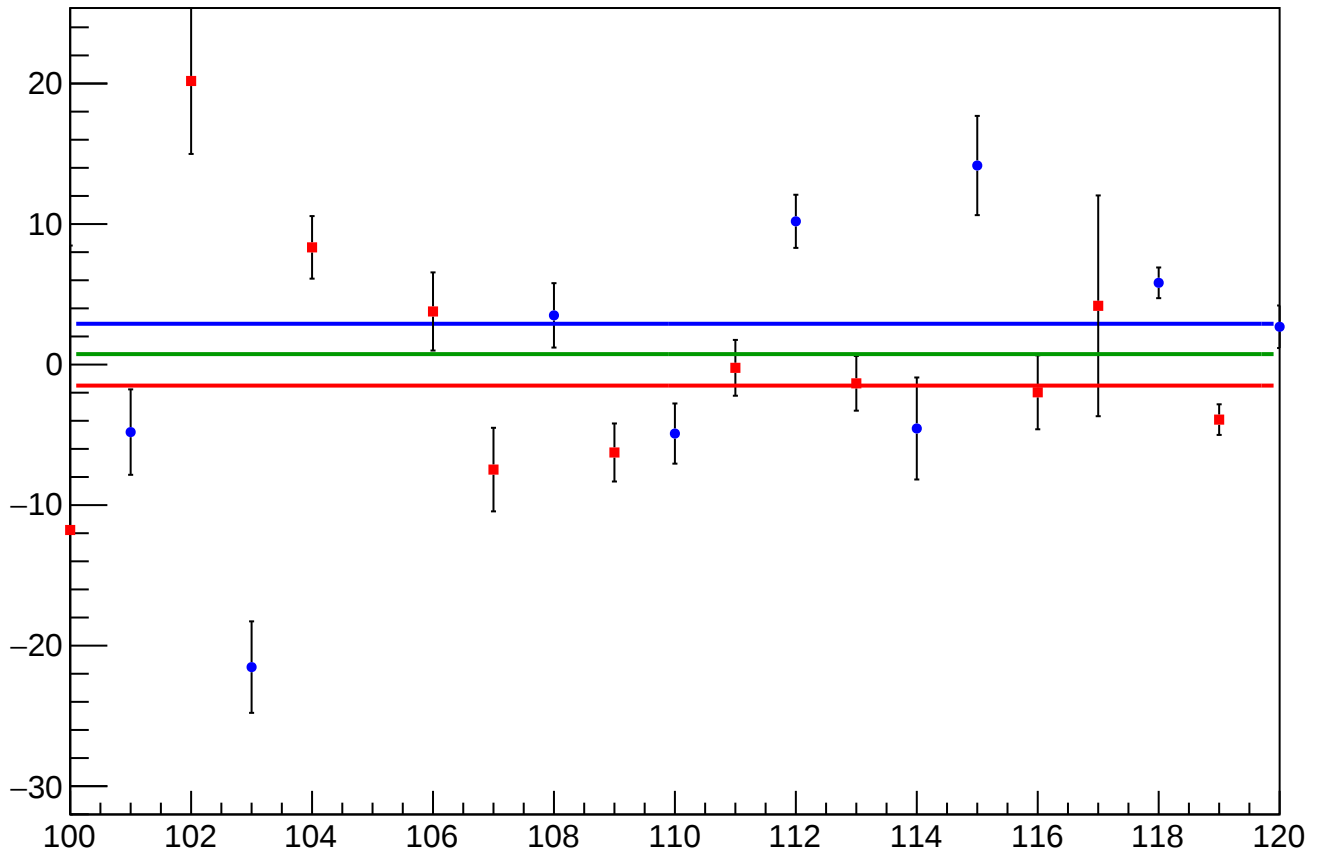
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

31.186+/-1.124 χ^2 /NDF: 197.5/8

-0.253+/-0.748 χ^2 /NDF: 1969.4/19

-25.229+/-1.001 χ^2 /NDF: 366.9/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.904 $\pm$ 0.656 χ^2 /NDF: 112.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.495 $\pm$ 0.668 χ^2 /NDF: 56.1/10

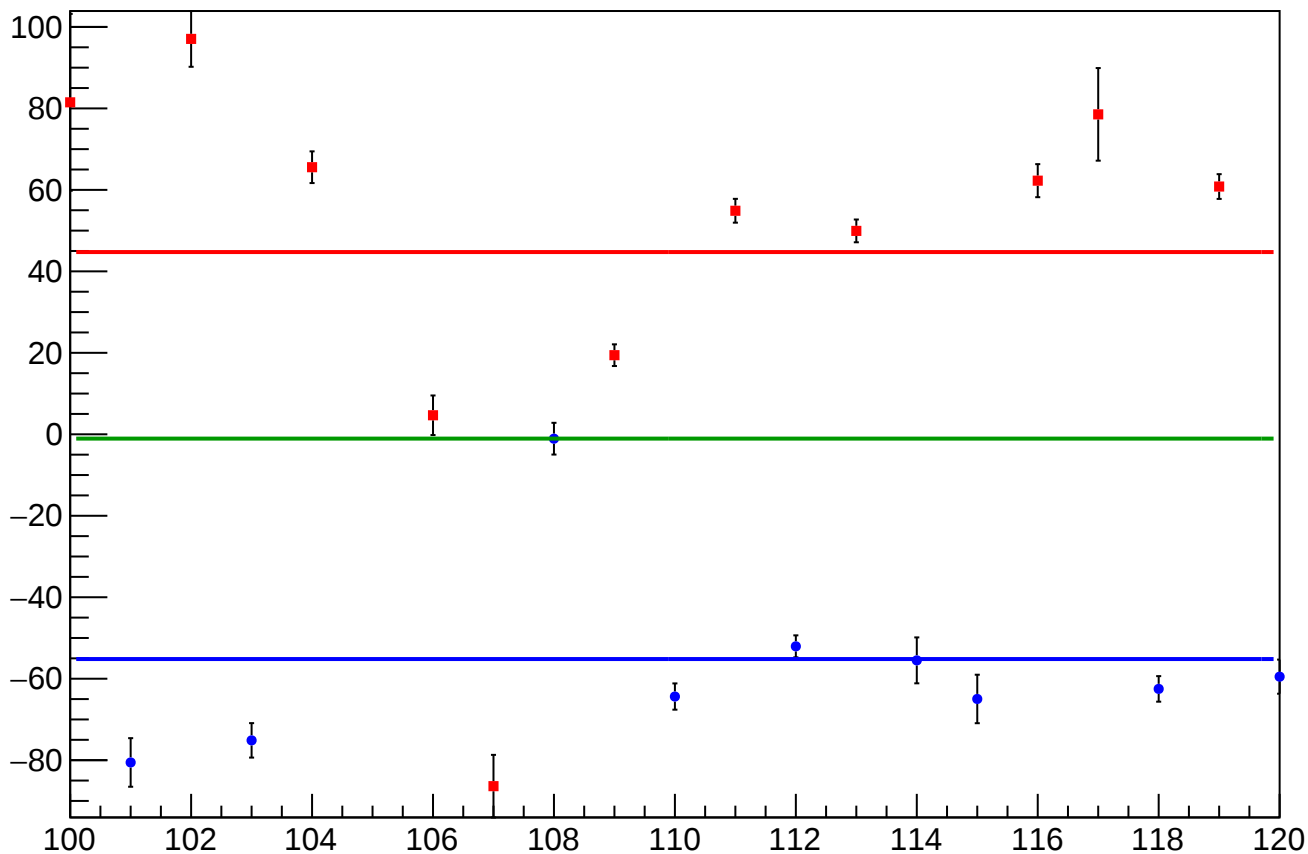
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.904 $\pm$ 0.656 χ^2 /NDF: 112.5/8

0.745 $\pm$ 0.468 χ^2 /NDF: 190.6/19

-1.495 $\pm$ 0.668 χ^2 /NDF: 56.1/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.170 ± 1.289 χ^2/NDF : 251.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 44.737 ± 1.185 χ^2/NDF : 610.7/10

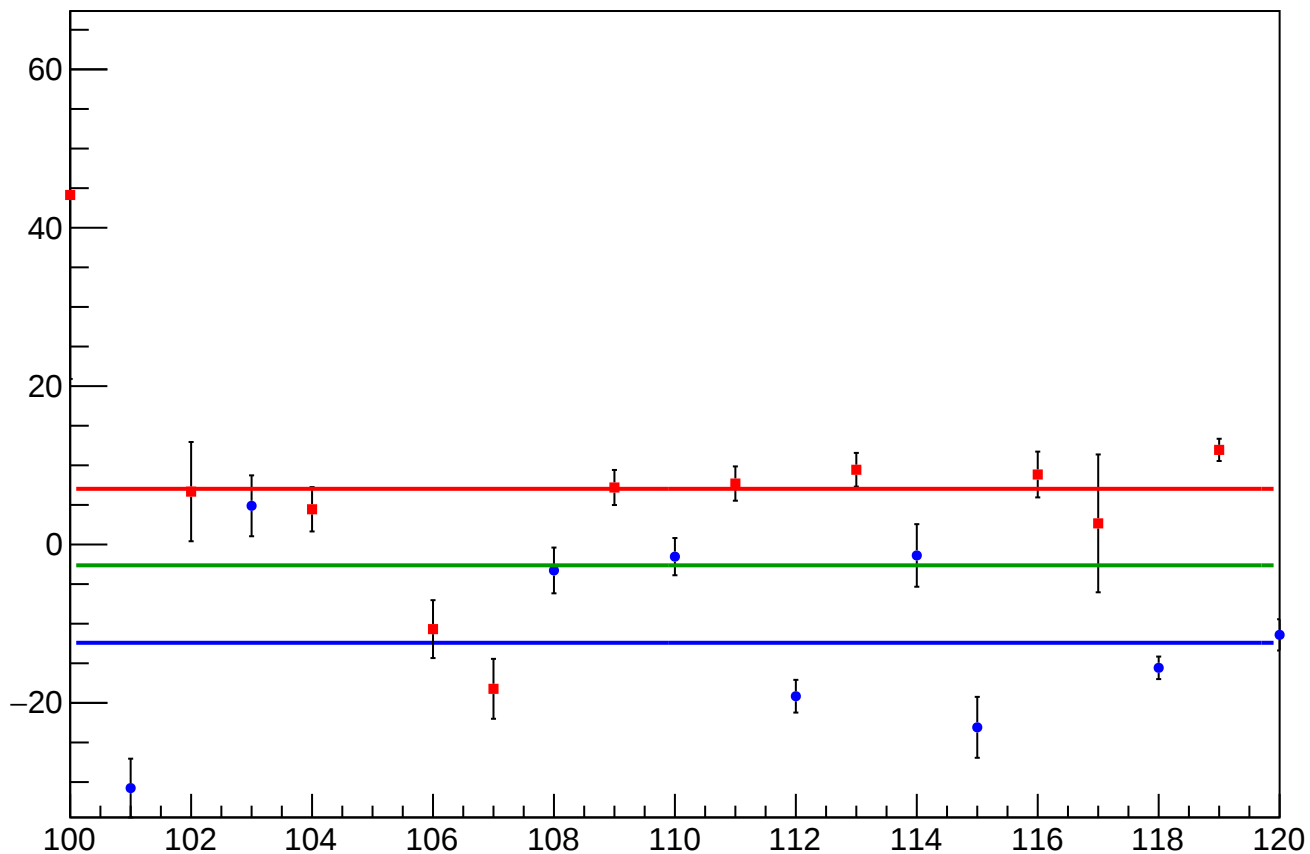
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-55.170 ± 1.289 χ^2/NDF : 251.9/8

-1.056 ± 0.872 χ^2/NDF : 4118.1/19

44.737 ± 1.185 χ^2/NDF : 610.7/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.411 ± 0.801 χ^2/NDF : 107.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.032 ± 0.796 χ^2/NDF : 85.7/10

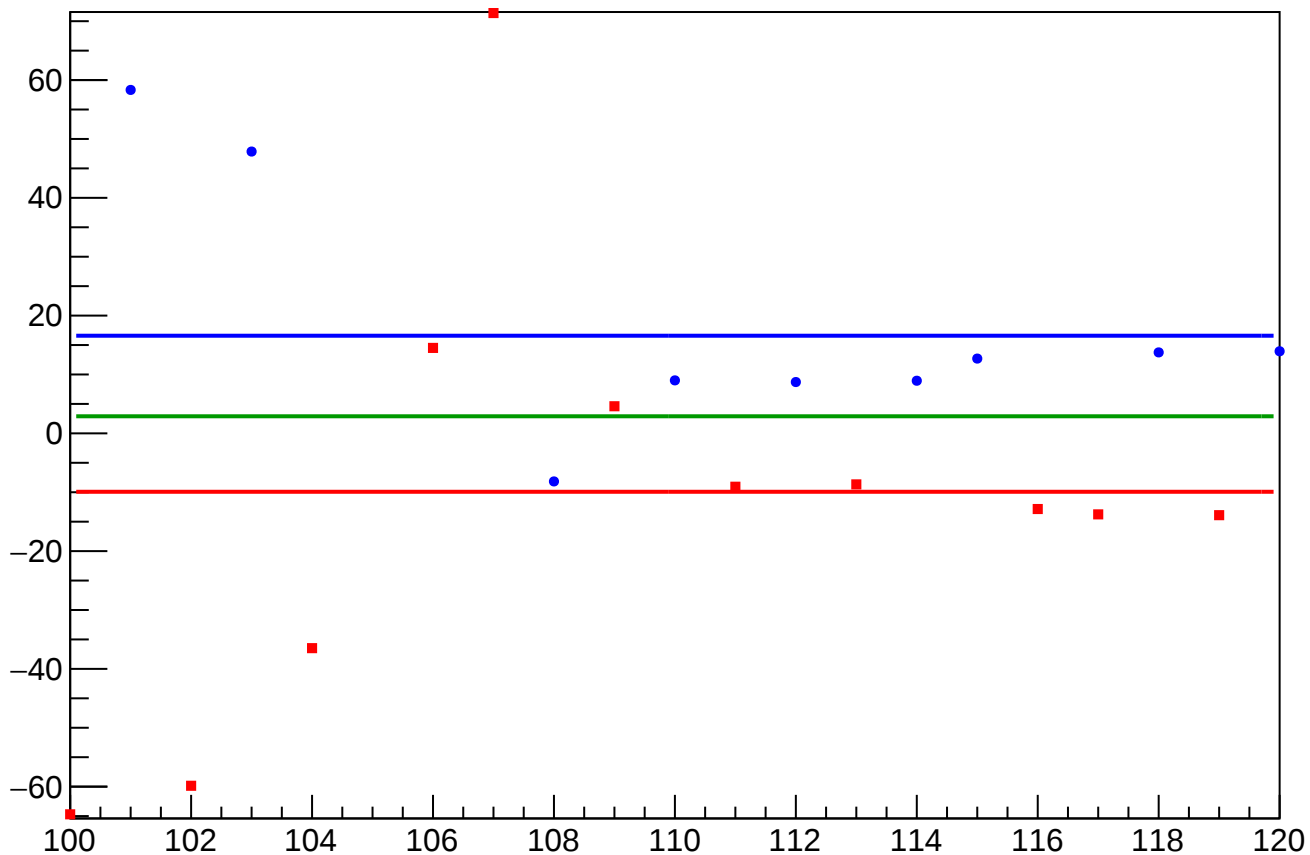
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-12.411 ± 0.801 χ^2/NDF : 107.5/8

-2.629 ± 0.565 χ^2/NDF : 489.5/19

7.032 ± 0.796 χ^2/NDF : 85.7/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.582+/-0.045 χ^2/NDF : 232358.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.921+/-0.044 χ^2/NDF : 438313.2/10

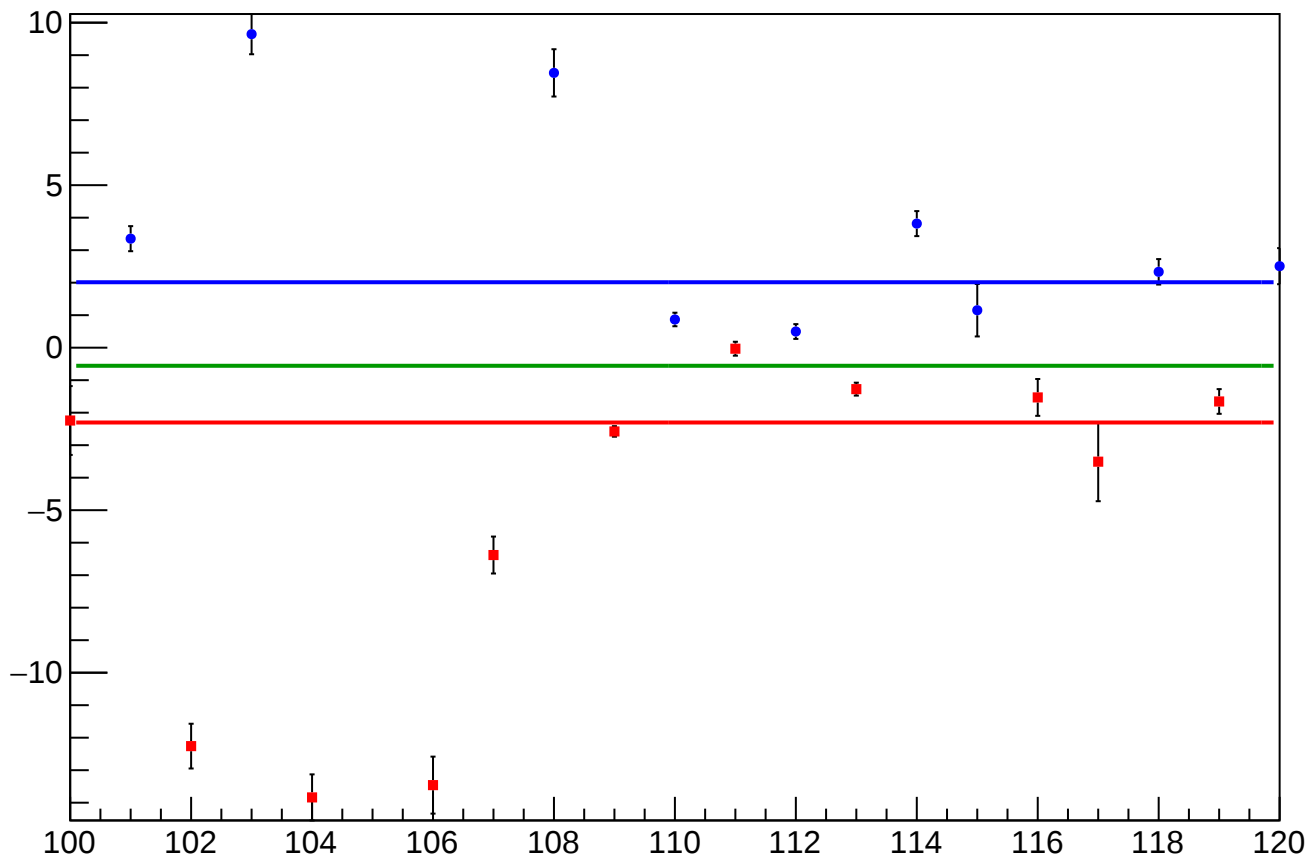
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.582+/-0.045 χ^2/NDF : 232358.6/8

2.900+/-0.032 χ^2/NDF : 846778.1/19

-9.921+/-0.044 χ^2/NDF : 438313.2/10

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.013+/-0.118 χ^2/NDF : 341.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.302+/-0.097 χ^2/NDF : 834.9/10

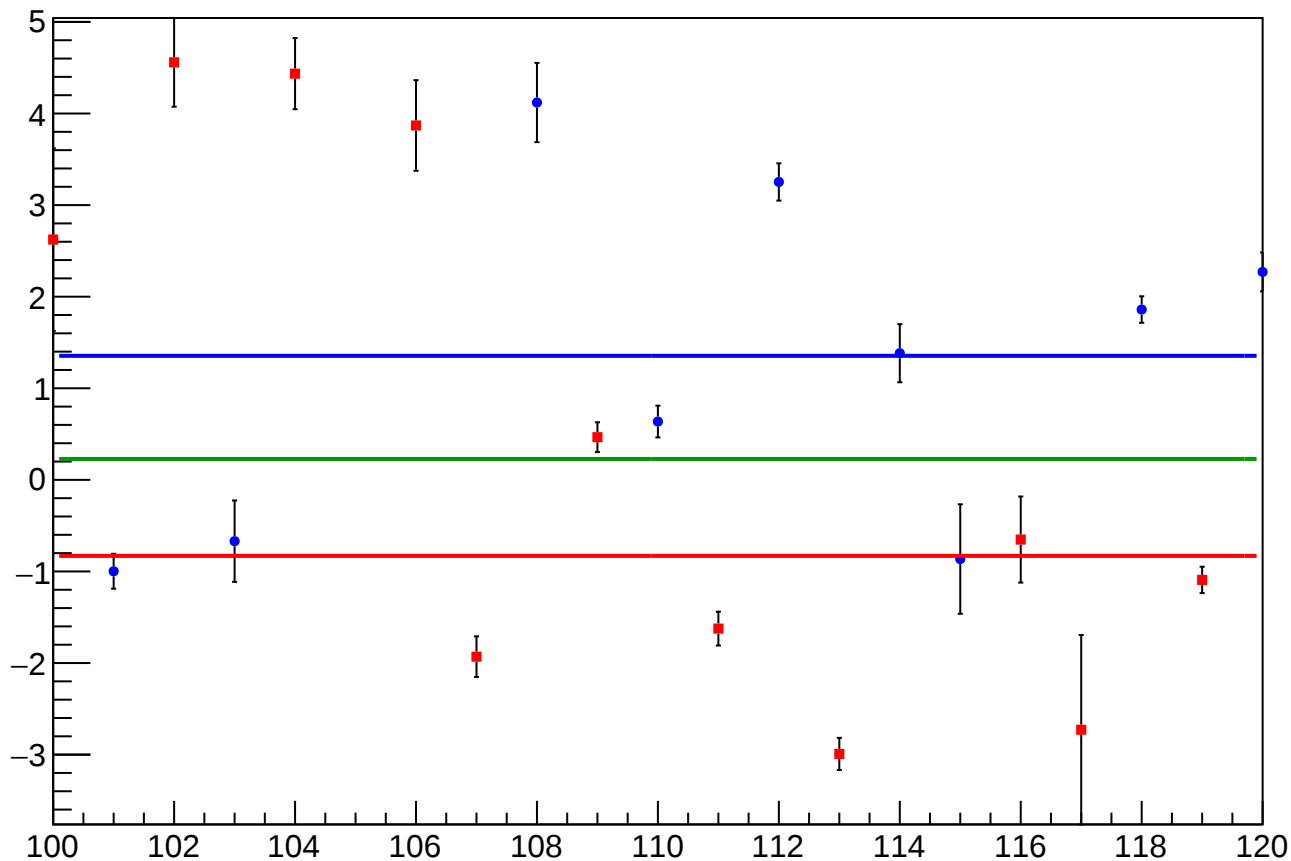
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.013+/-0.118 χ^2/NDF : 341.8/8

-0.557+/-0.075 χ^2/NDF : 1971.1/19

-2.302+/-0.097 χ^2/NDF : 834.9/10

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.354 $\pm$ 0.075 χ^2 /NDF: 362.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.830 $\pm$ 0.073 χ^2 /NDF: 674.9/10

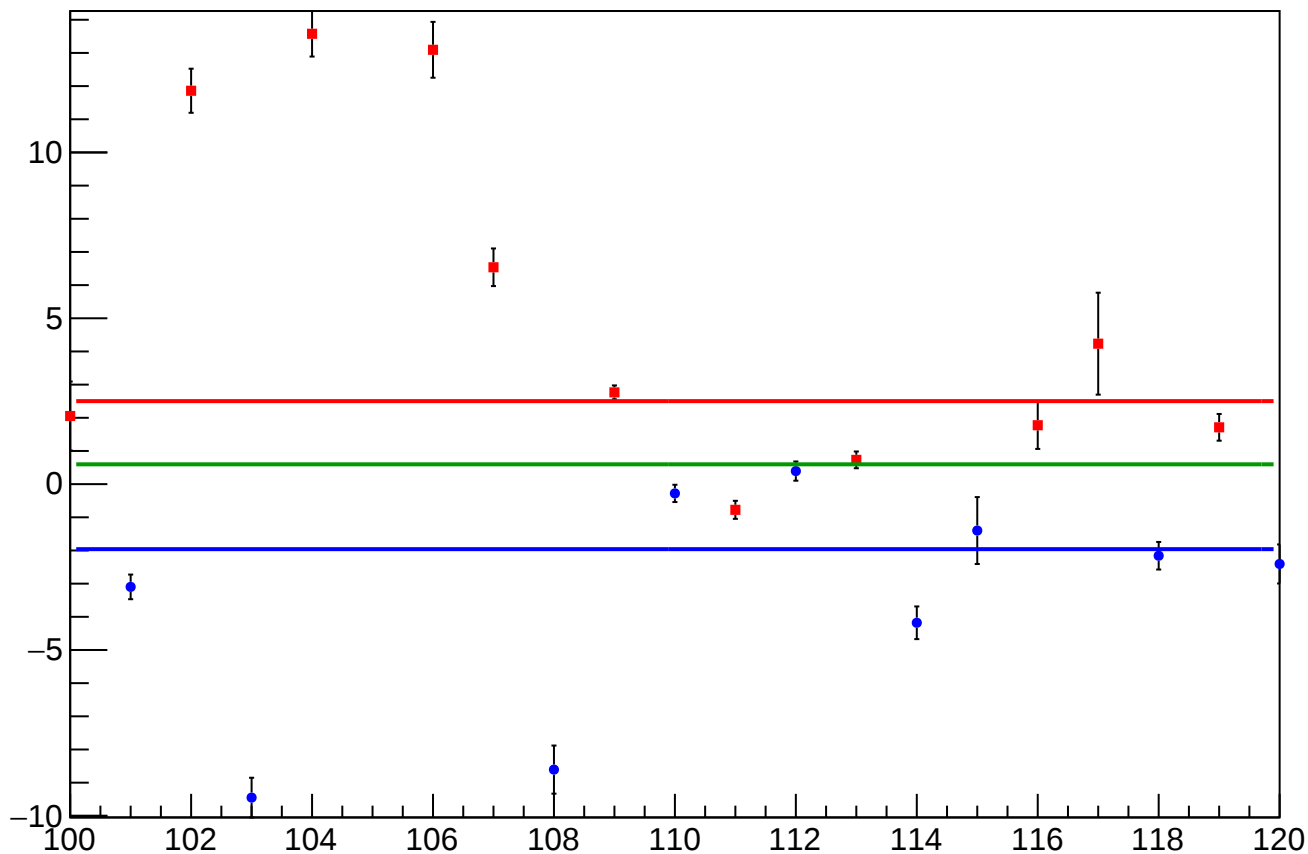
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.354 $\pm$ 0.075 χ^2 /NDF: 362.7/8

0.228 $\pm$ 0.052 χ^2 /NDF: 1475.5/19

-0.830 $\pm$ 0.073 χ^2 /NDF: 674.9/10

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.960 ± 0.138 χ^2/NDF : 378.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.503 ± 0.119 χ^2/NDF : 870.0/10

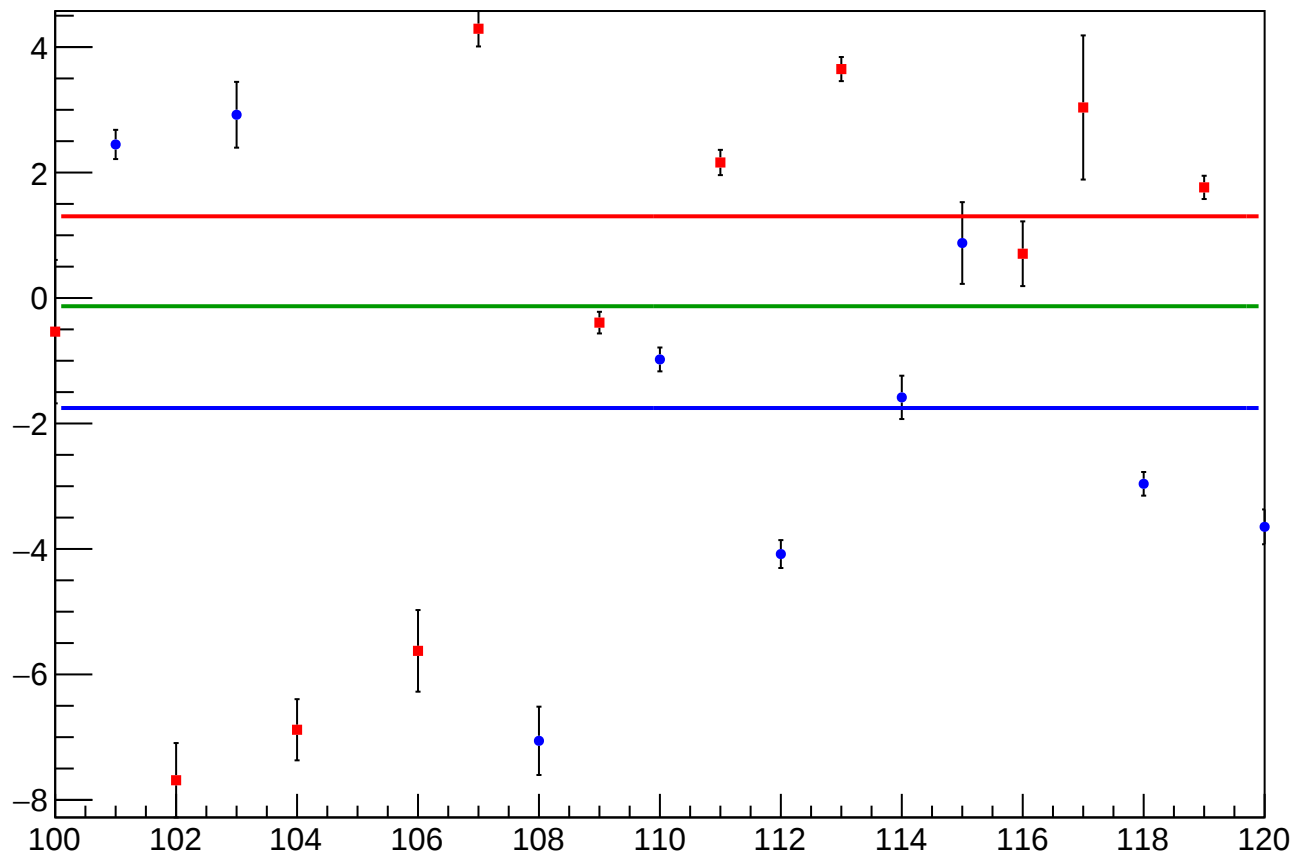
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.960 ± 0.138 χ^2/NDF : 378.9/8

0.597 ± 0.090 χ^2/NDF : 1846.5/19

2.503 ± 0.119 χ^2/NDF : 870.0/10

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.089 χ^2 /NDF: 730.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.302+/-0.084 χ^2 /NDF: 1013.2/10

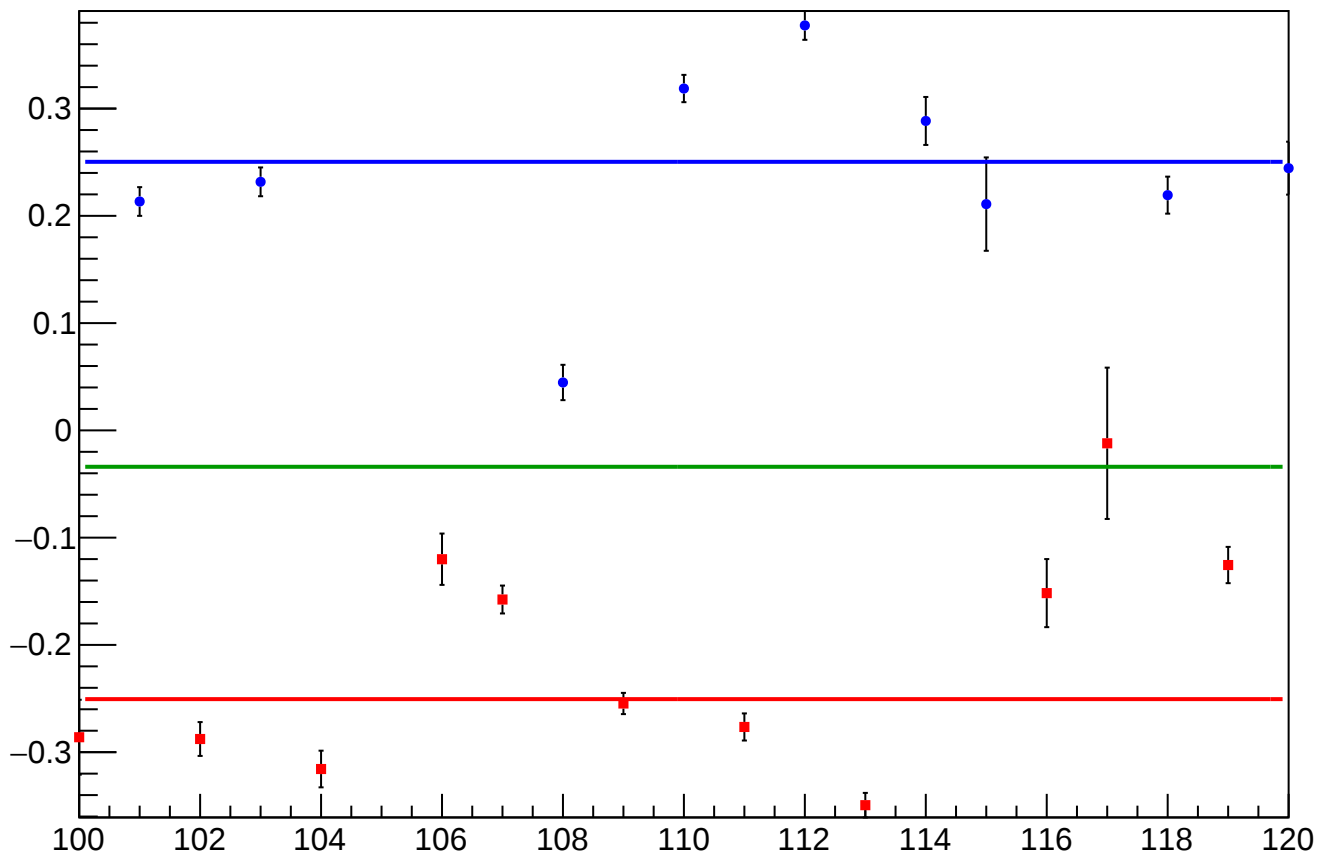
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.753+/-0.089 χ^2 /NDF: 730.3/8

-0.131+/-0.061 χ^2 /NDF: 2364.2/19

1.302+/-0.084 χ^2 /NDF: 1013.2/10

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250 $\pm$ 0.005 χ^2 /NDF: 291.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.251 $\pm$ 0.005 χ^2 /NDF: 256.6/10

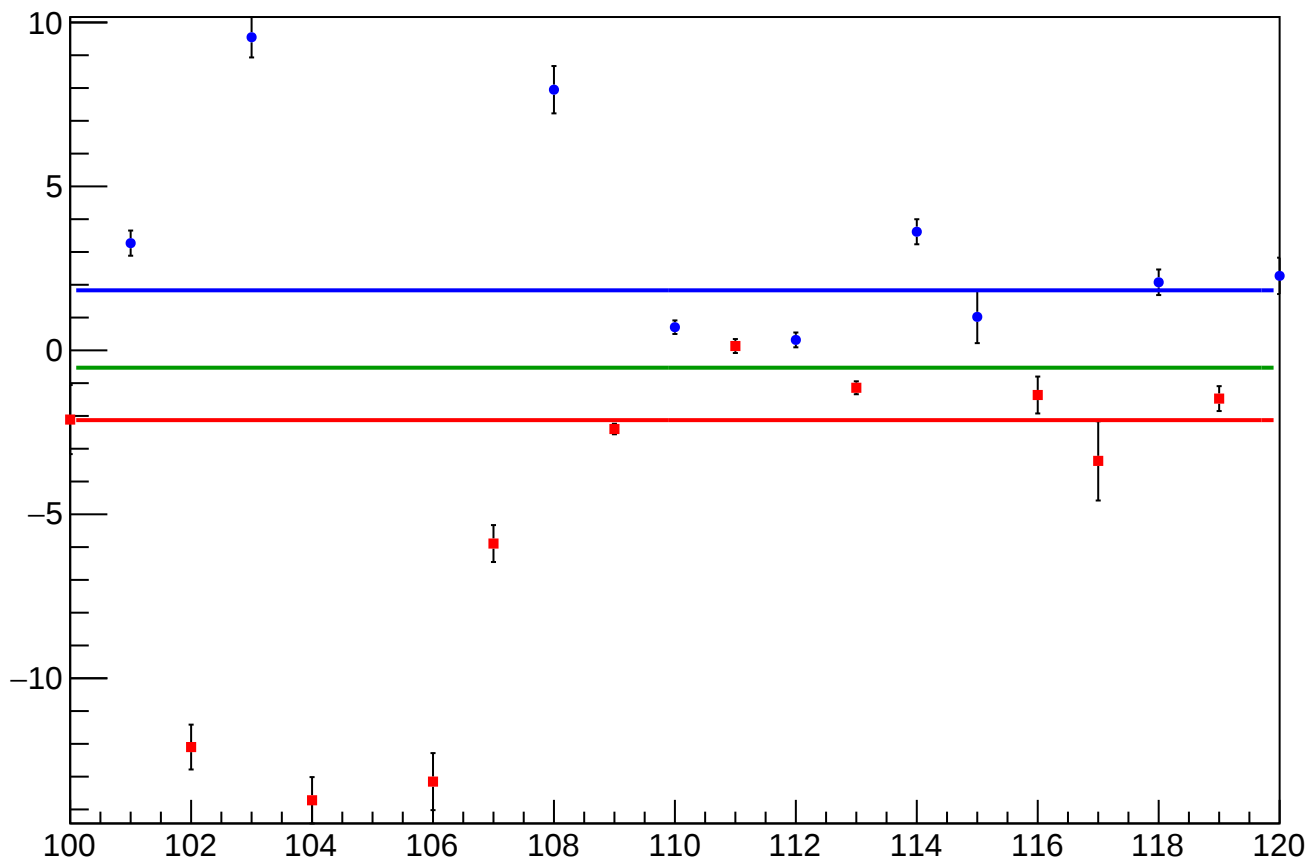
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.250 $\pm$ 0.005 χ^2 /NDF: 291.1/8

-0.034 $\pm$ 0.004 χ^2 /NDF: 5399.3/19

-0.251 $\pm$ 0.005 χ^2 /NDF: 256.6/10

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.831 ± 0.117 χ^2/NDF : 340.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.128 ± 0.097 χ^2/NDF : 833.5/10

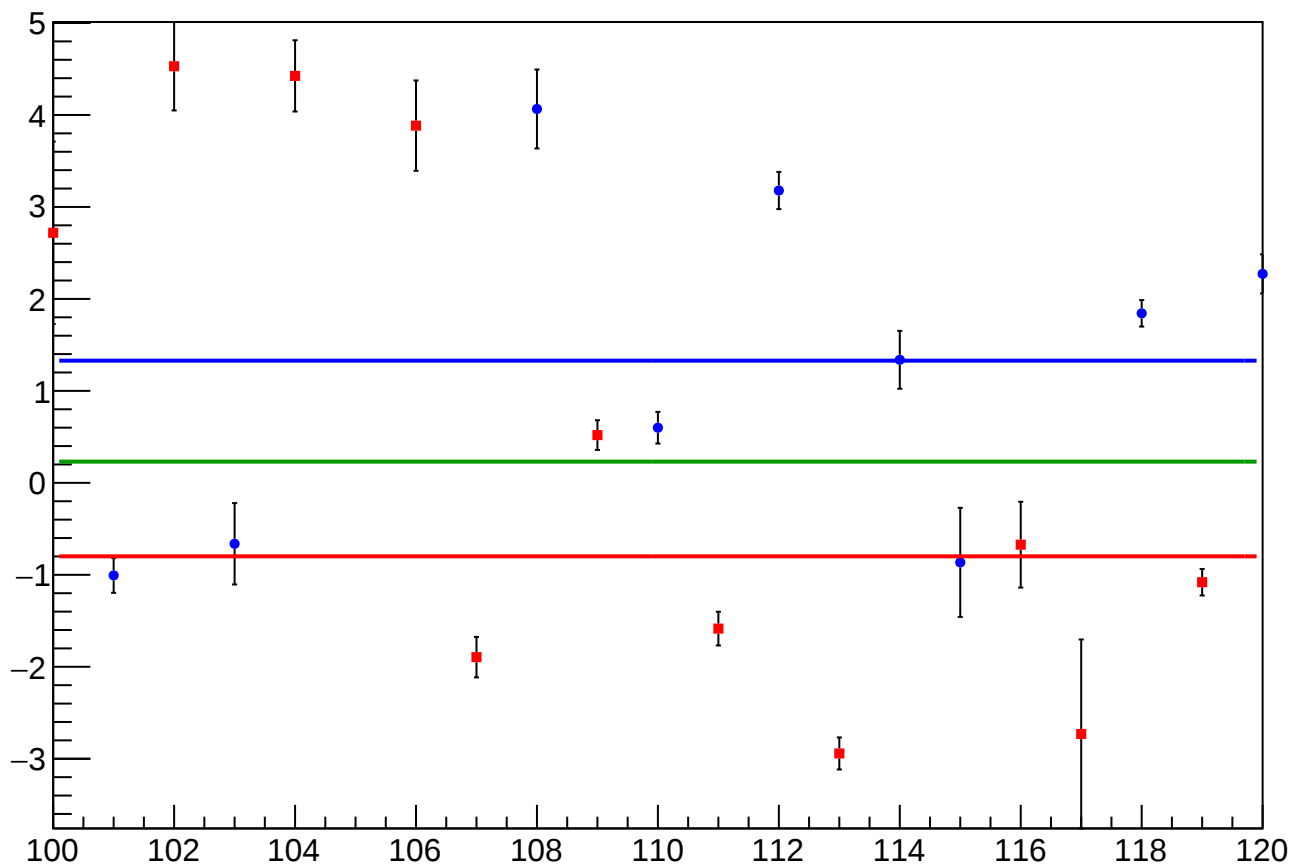
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.831 ± 0.117 χ^2/NDF : 340.9/8

-0.529 ± 0.075 χ^2/NDF : 1851.7/19

-2.128 ± 0.097 χ^2/NDF : 833.5/10

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.329+/-0.075 χ^2/NDF : 360.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.799+/-0.072 χ^2/NDF : 676.9/10

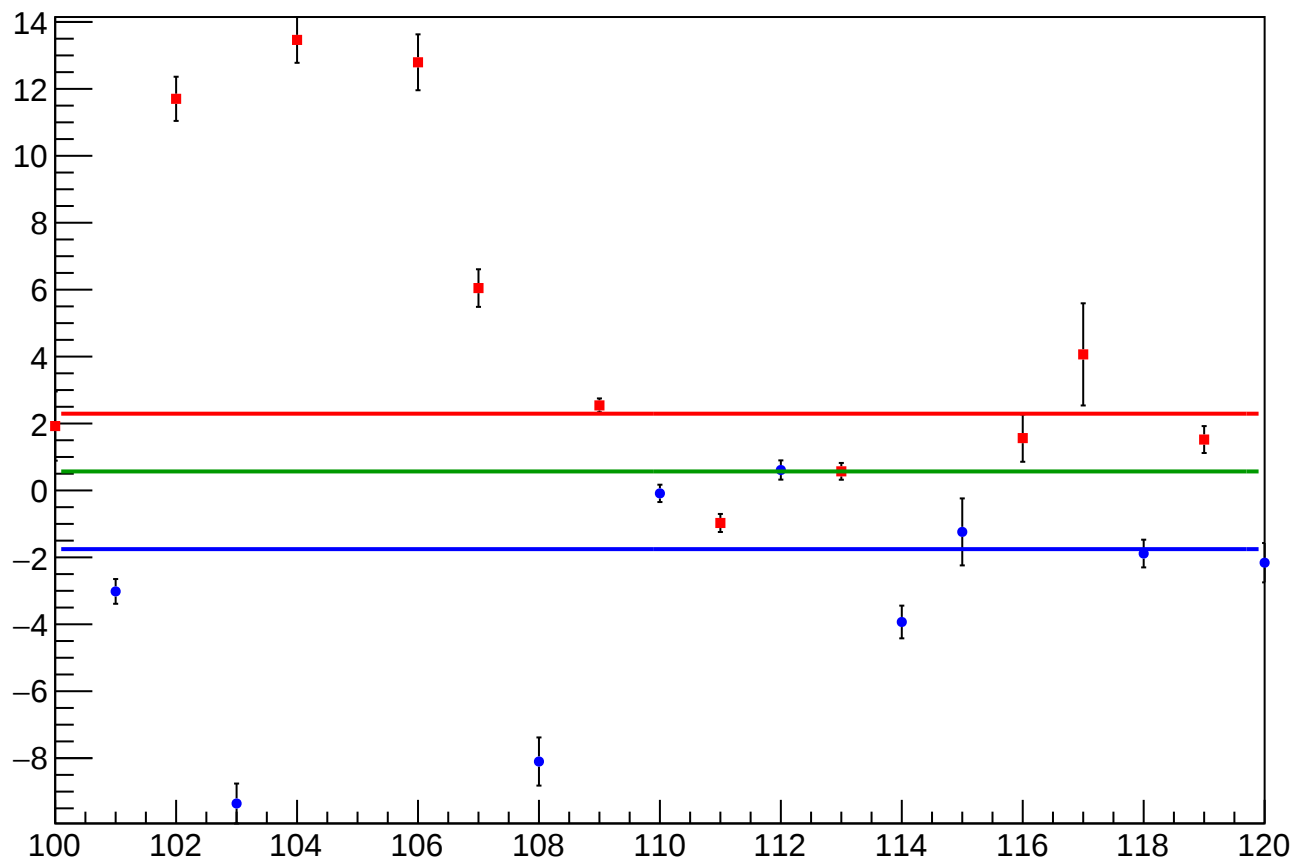
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.329+/-0.075 χ^2/NDF : 360.2/8

0.231+/-0.052 χ^2/NDF : 1457.1/19

-0.799+/-0.072 χ^2/NDF : 676.9/10

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.754 ± 0.137 χ^2/NDF : 381.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.294 ± 0.118 χ^2/NDF : 873.7/10

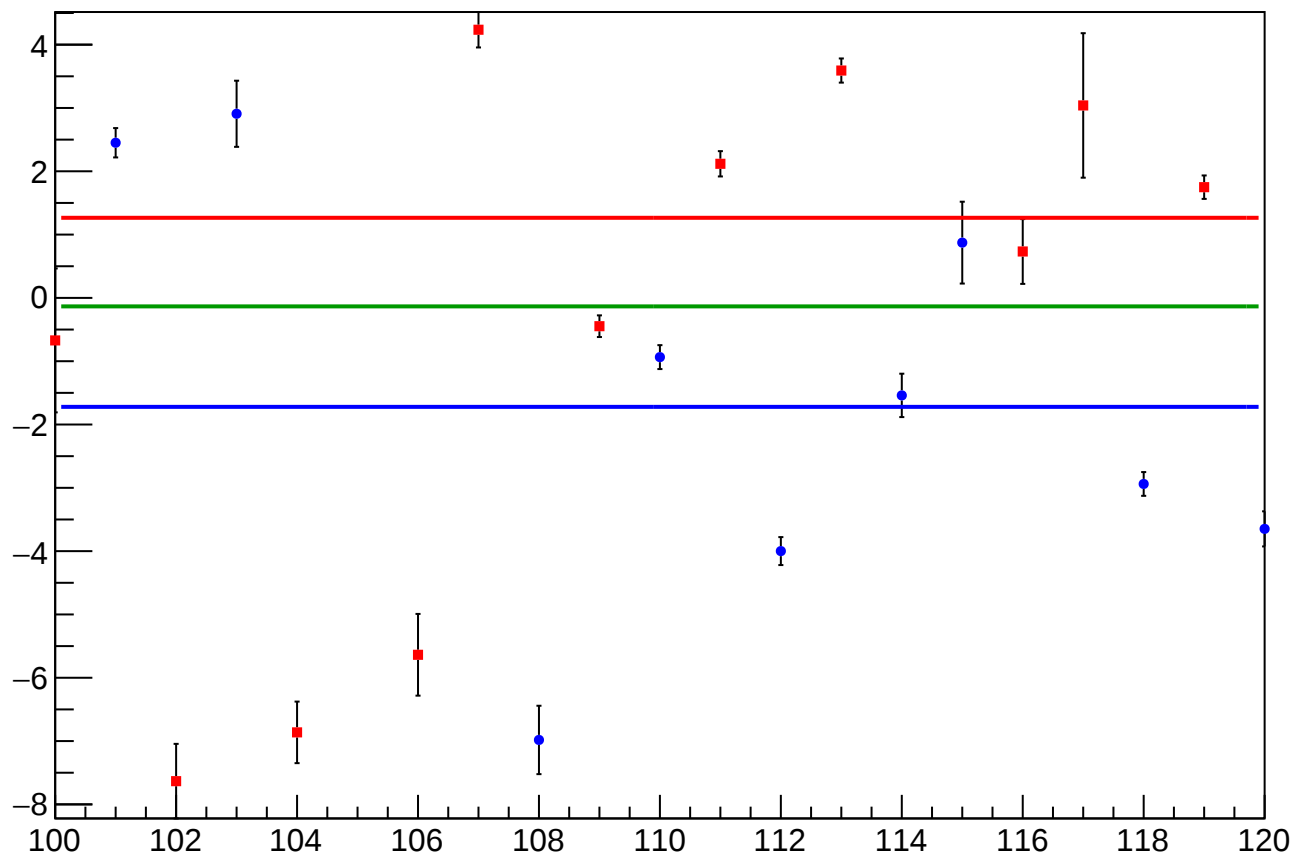
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.754 ± 0.137 χ^2/NDF : 381.7/8

0.568 ± 0.090 χ^2/NDF : 1753.1/19

2.294 ± 0.118 χ^2/NDF : 873.7/10

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.721+/-0.089 χ^2/NDF : 727.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.265+/-0.083 χ^2/NDF : 1015.0/10

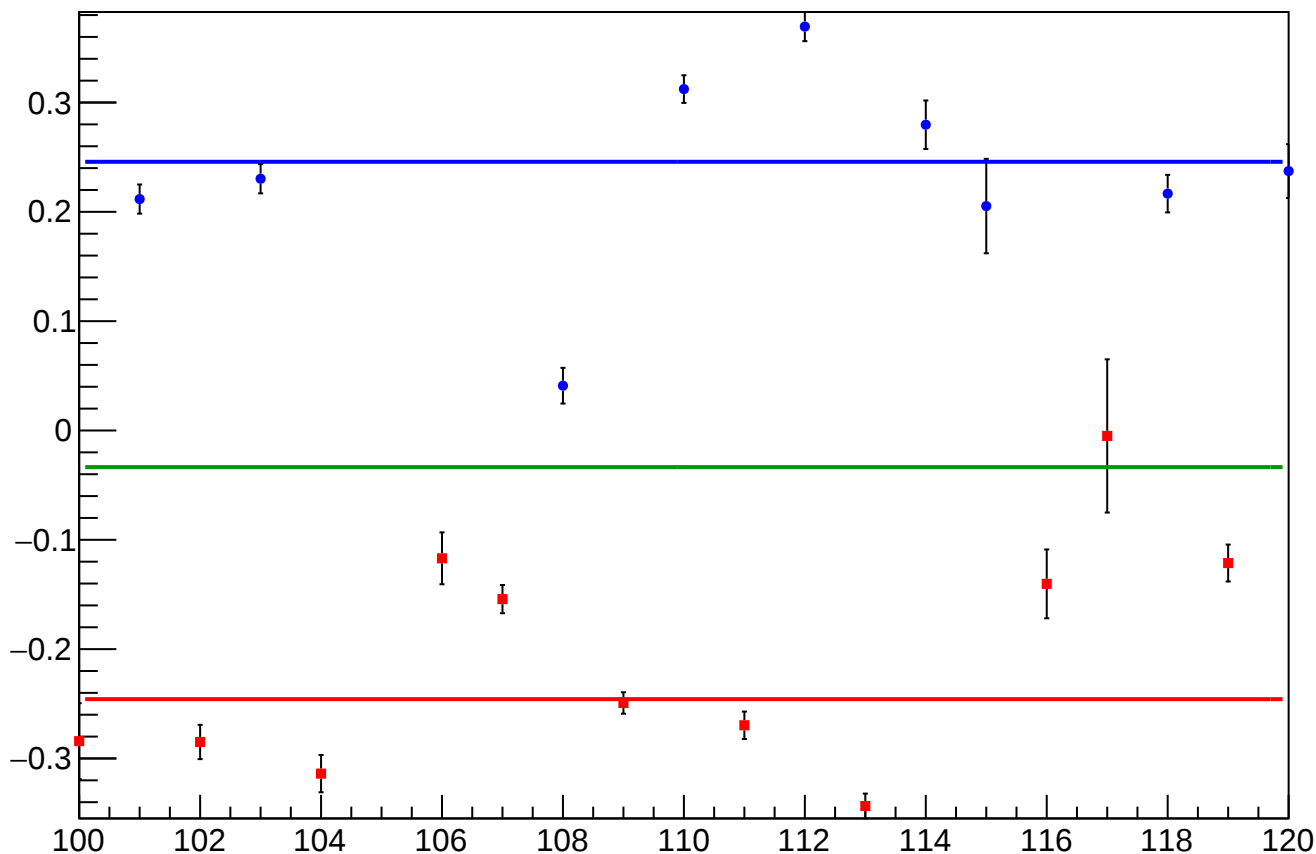
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.721+/-0.089 χ^2/NDF : 727.7/8

-0.134+/-0.061 χ^2/NDF : 2342.4/19

1.265+/-0.083 χ^2/NDF : 1015.0/10

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.005 χ^2 /NDF: 284.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.246 $\pm$ 0.005 χ^2 /NDF: 258.4/10

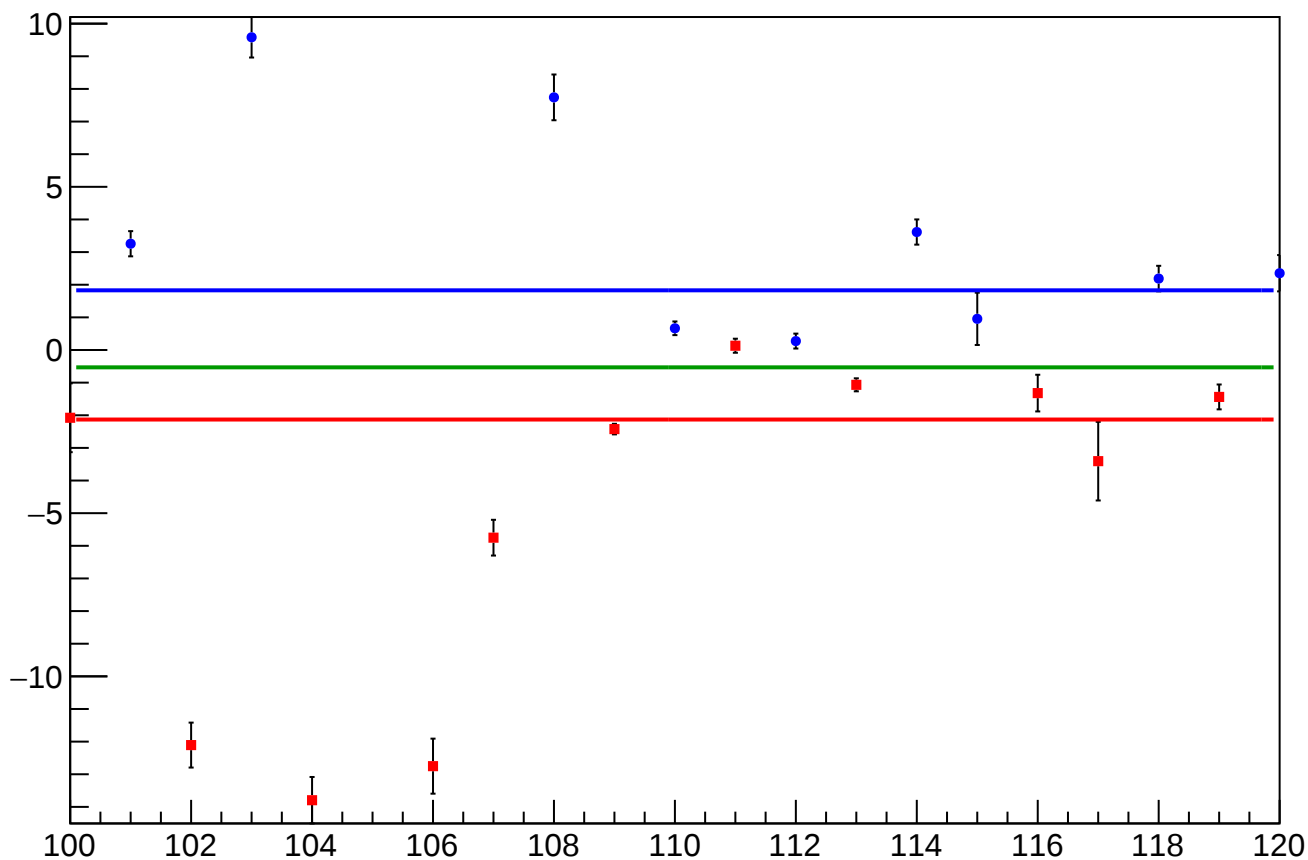
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.246 $\pm$ 0.005 χ^2 /NDF: 284.9/8

-0.033 $\pm$ 0.004 χ^2 /NDF: 5272.3/19

-0.246 $\pm$ 0.005 χ^2 /NDF: 258.4/10

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.829+/-0.118 χ^2/NDF : 342.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.131+/-0.097 χ^2/NDF : 829.6/10

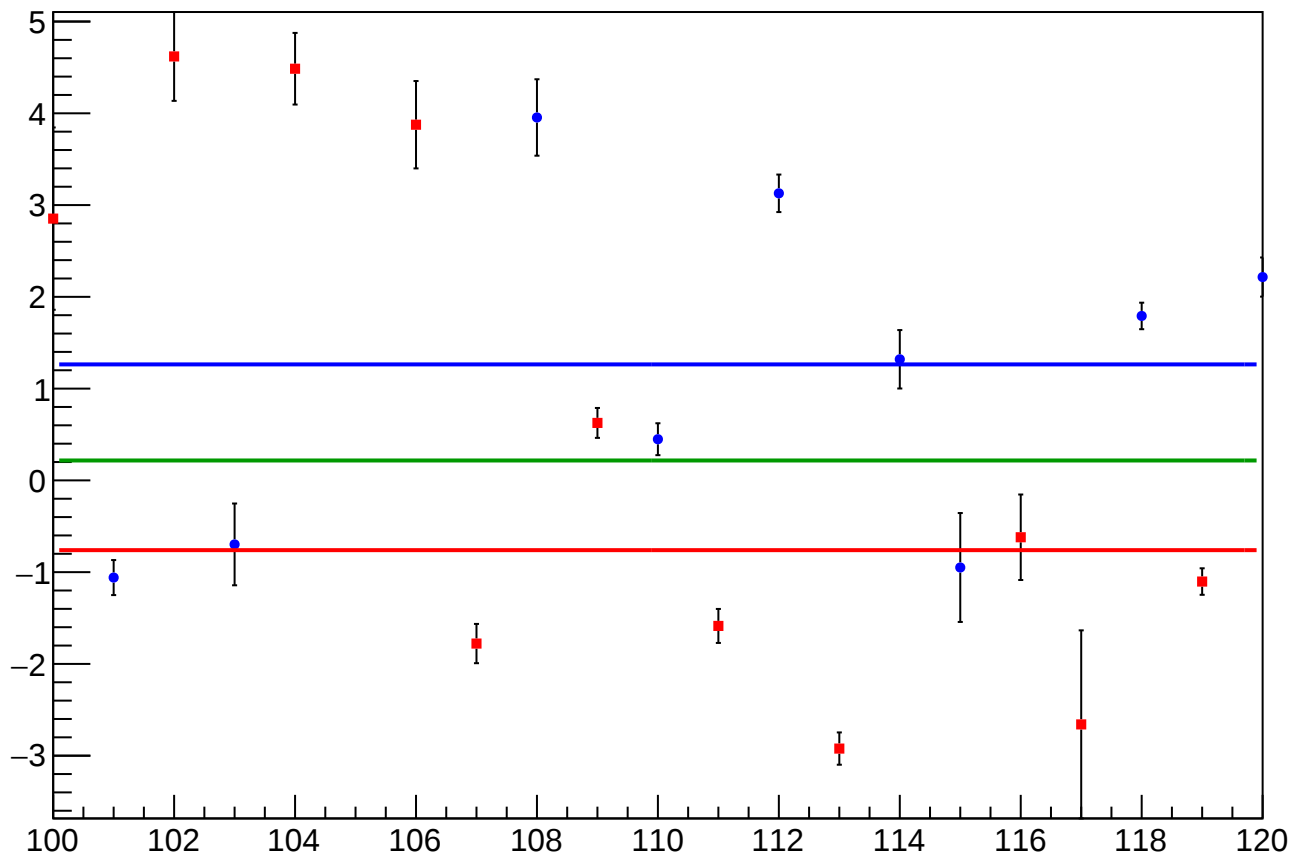
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.829+/-0.118 χ^2/NDF : 342.5/8

-0.532+/-0.075 χ^2/NDF : 1839.3/19

-2.131+/-0.097 χ^2/NDF : 829.6/10

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.264 ± 0.075 χ^2/NDF : 361.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.760 ± 0.072 χ^2/NDF : 687.2/10

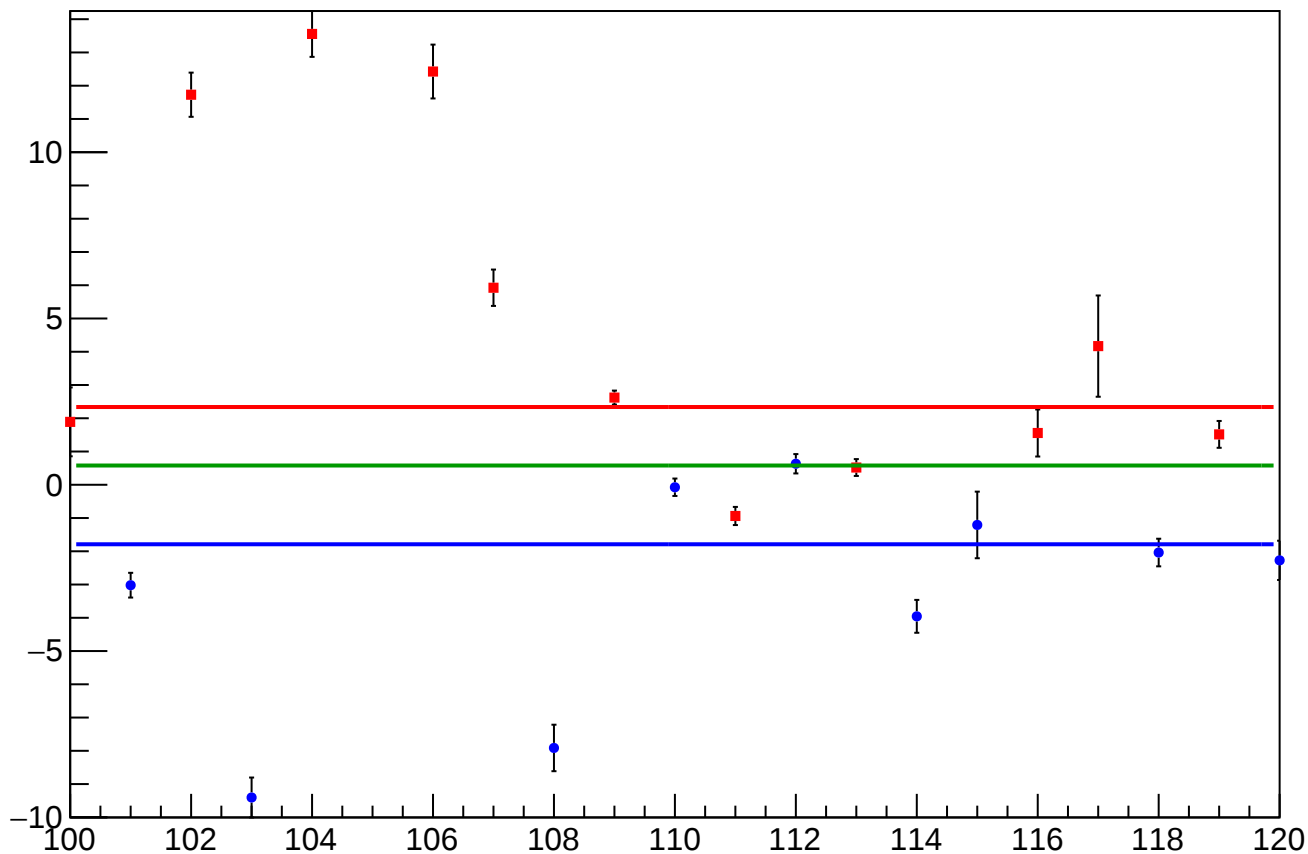
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

1.264 ± 0.075 χ^2/NDF : 361.7/8

0.217 ± 0.052 χ^2/NDF : 1425.8/19

-0.760 ± 0.072 χ^2/NDF : 687.2/10

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.789+/-0.138 χ^2/NDF : 381.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.338+/-0.119 χ^2/NDF : 867.7/10

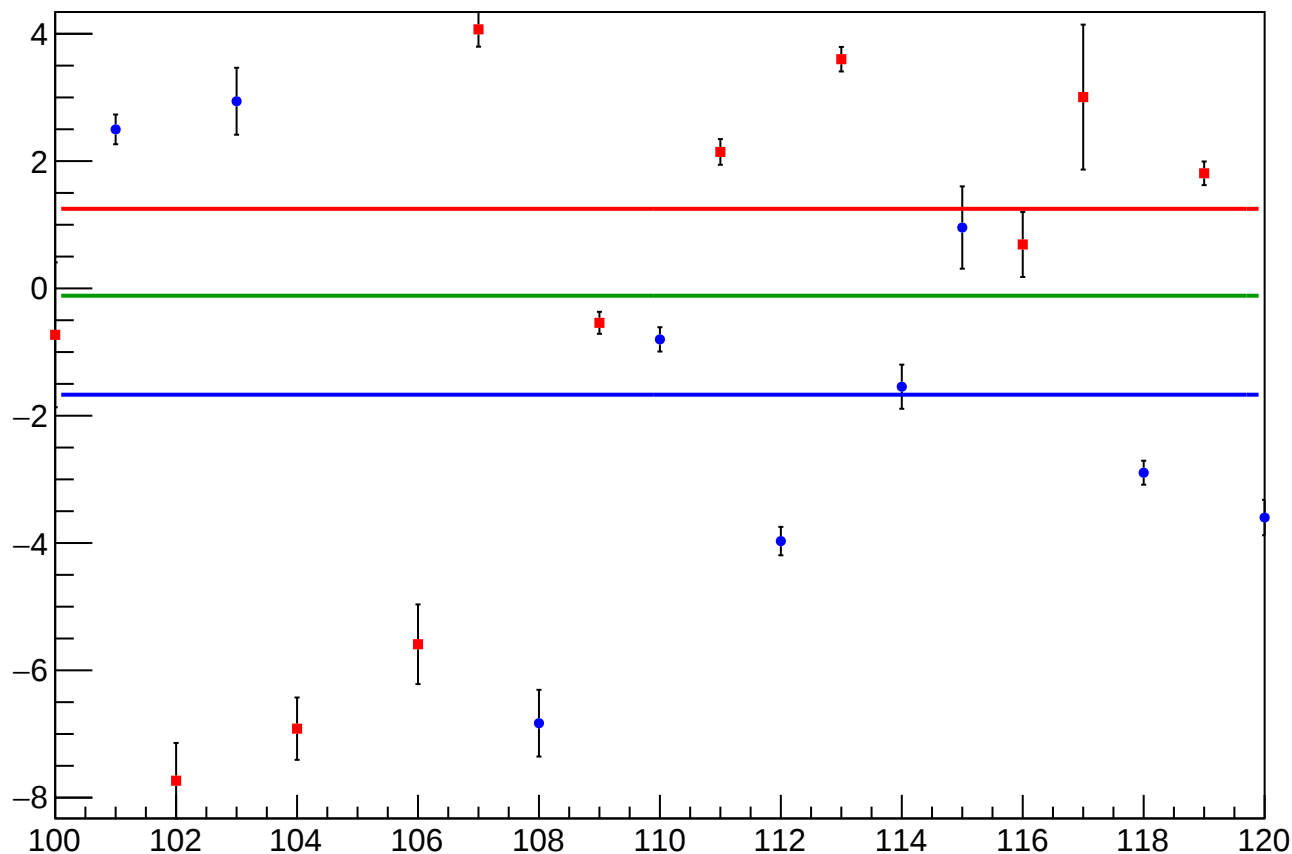
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.789+/-0.138 χ^2/NDF : 381.6/8

0.579+/-0.090 χ^2/NDF : 1760.0/19

2.338+/-0.119 χ^2/NDF : 867.7/10

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.670+/-0.089 χ^2 /NDF: 727.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.251+/-0.084 χ^2 /NDF: 1025.7/10

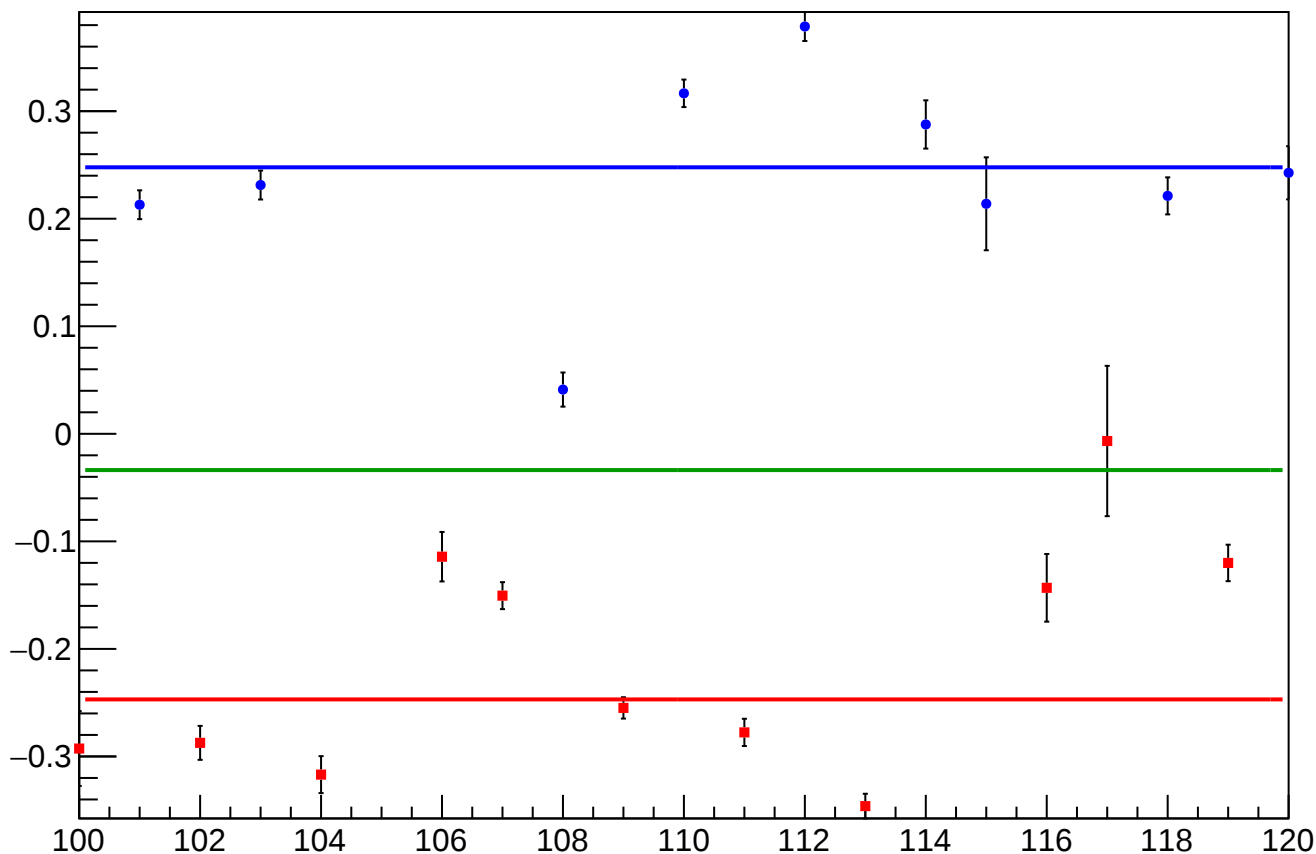
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.670+/-0.089 χ^2 /NDF: 727.1/8

-0.115+/-0.061 χ^2 /NDF: 2320.4/19

1.251+/-0.084 χ^2 /NDF: 1025.7/10

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.248 $\pm$ 0.005 χ^2 /NDF: 307.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.247 $\pm$ 0.005 χ^2 /NDF: 277.3/10

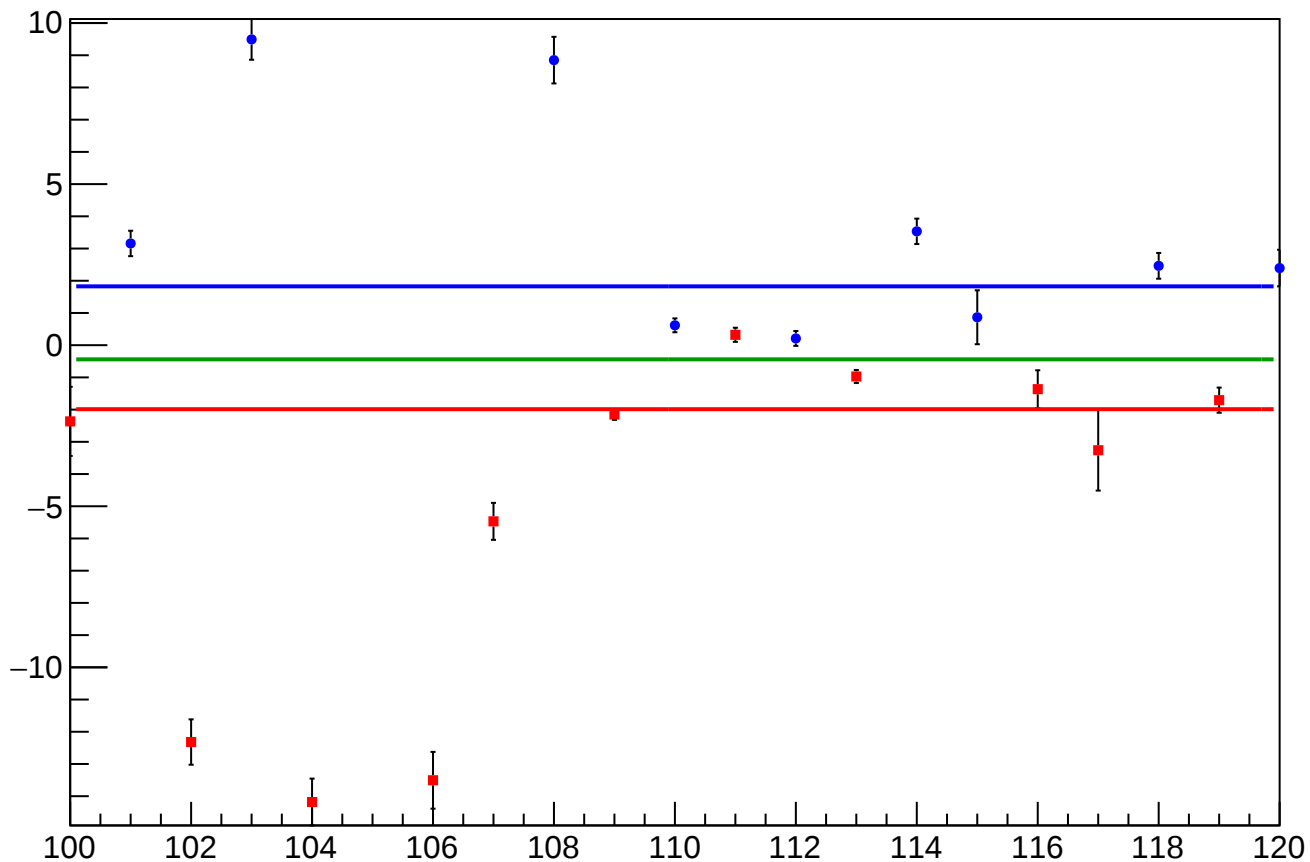
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.248 $\pm$ 0.005 χ^2 /NDF: 307.4/8

-0.034 $\pm$ 0.004 χ^2 /NDF: 5350.1/19

-0.247 $\pm$ 0.005 χ^2 /NDF: 277.3/10

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 1.826+/-0.121 χ^2/NDF : 357.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.987+/-0.100 χ^2/NDF : 843.8/10

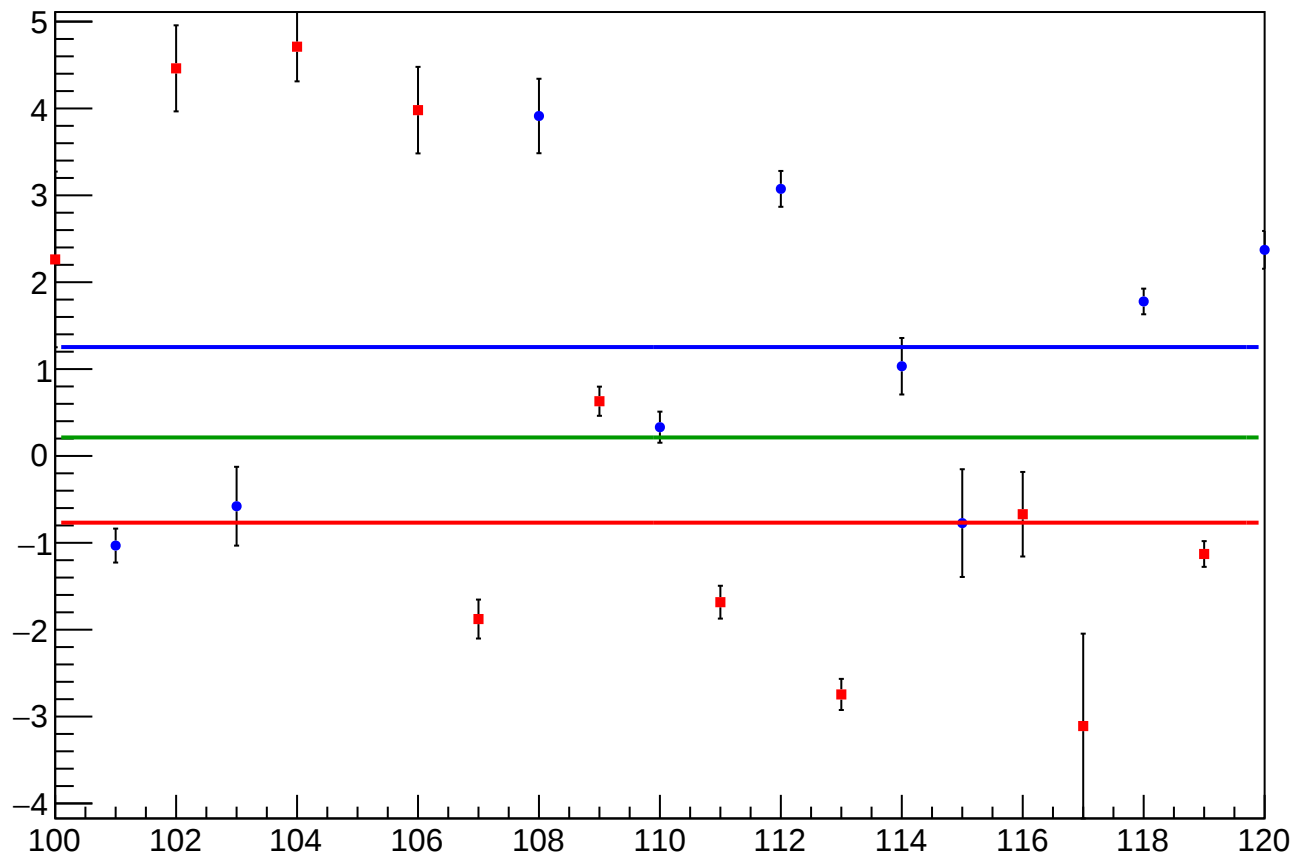
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.826+/-0.121 χ^2/NDF : 357.1/8

-0.440+/-0.077 χ^2/NDF : 1792.2/19

-1.987+/-0.100 χ^2/NDF : 843.8/10

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.253+/-0.077 χ^2/NDF : 346.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.768+/-0.074 χ^2/NDF : 649.9/10

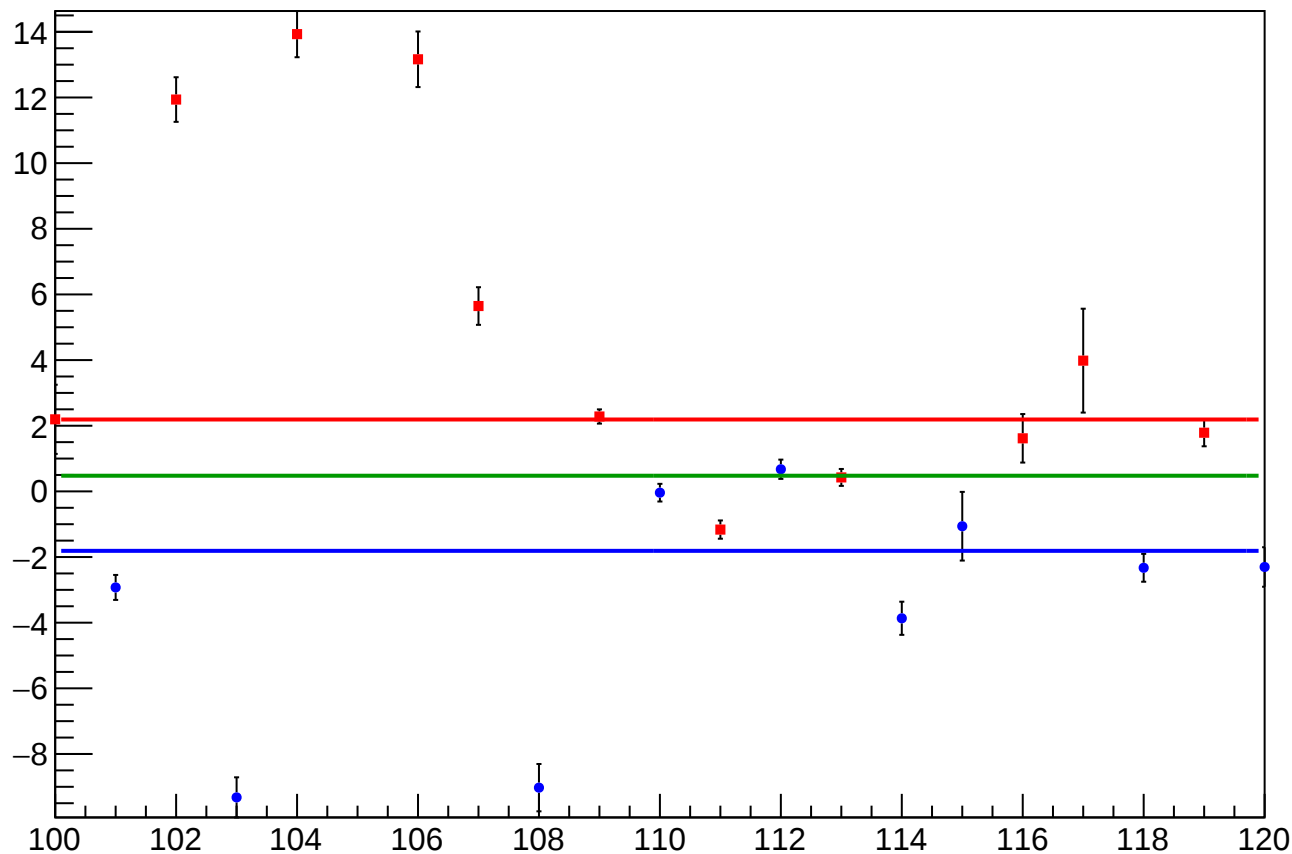
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.253+/-0.077 χ^2/NDF : 346.4/8

0.213+/-0.053 χ^2/NDF : 1354.4/19

-0.768+/-0.074 χ^2/NDF : 649.9/10

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.812 ± 0.141 χ^2/NDF : 393.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.190 ± 0.122 χ^2/NDF : 883.4/10

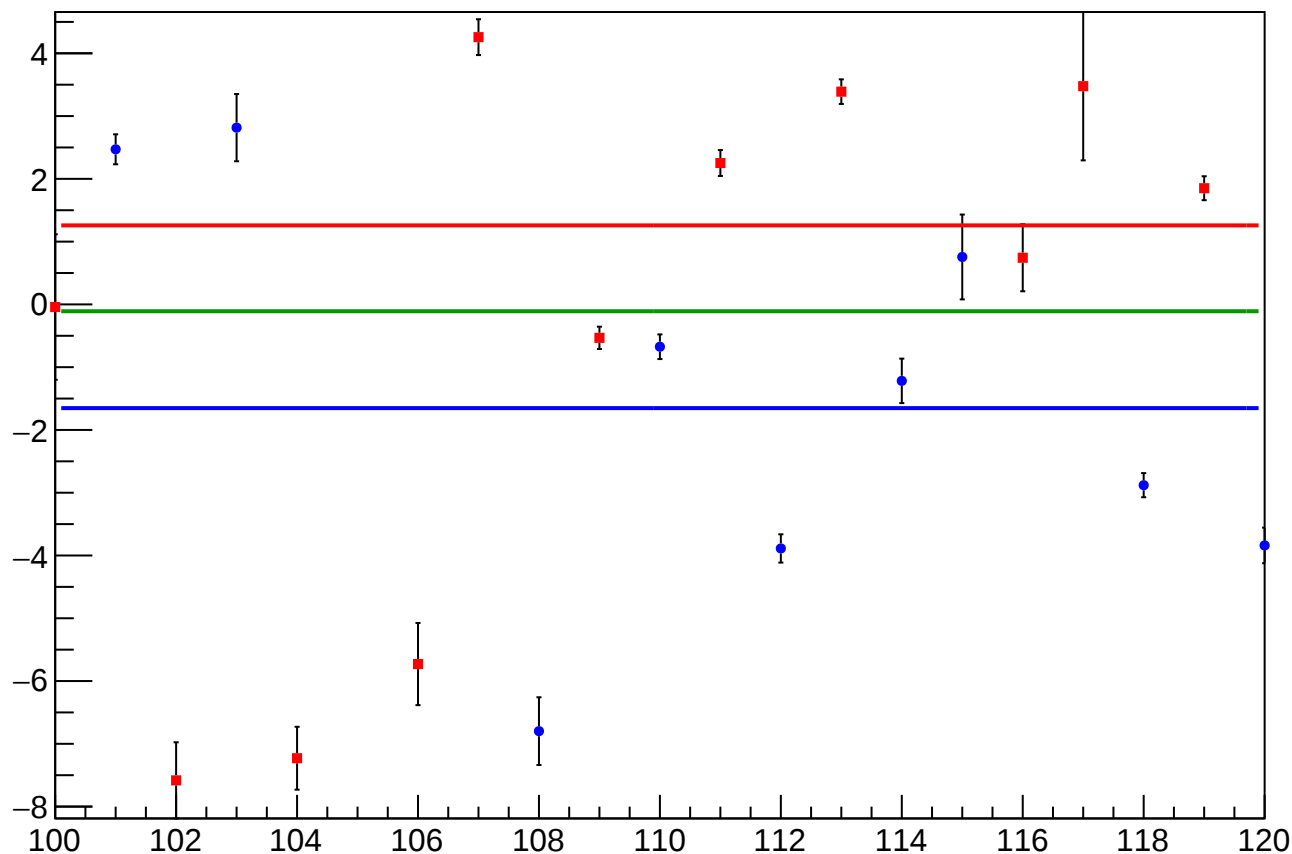
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-1.812 ± 0.141 χ^2/NDF : 393.8/8

0.477 ± 0.092 χ^2/NDF : 1735.6/19

2.190 ± 0.122 χ^2/NDF : 883.4/10

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.652+/-0.091 χ^2/NDF : 696.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.259+/-0.086 χ^2/NDF : 982.1/10

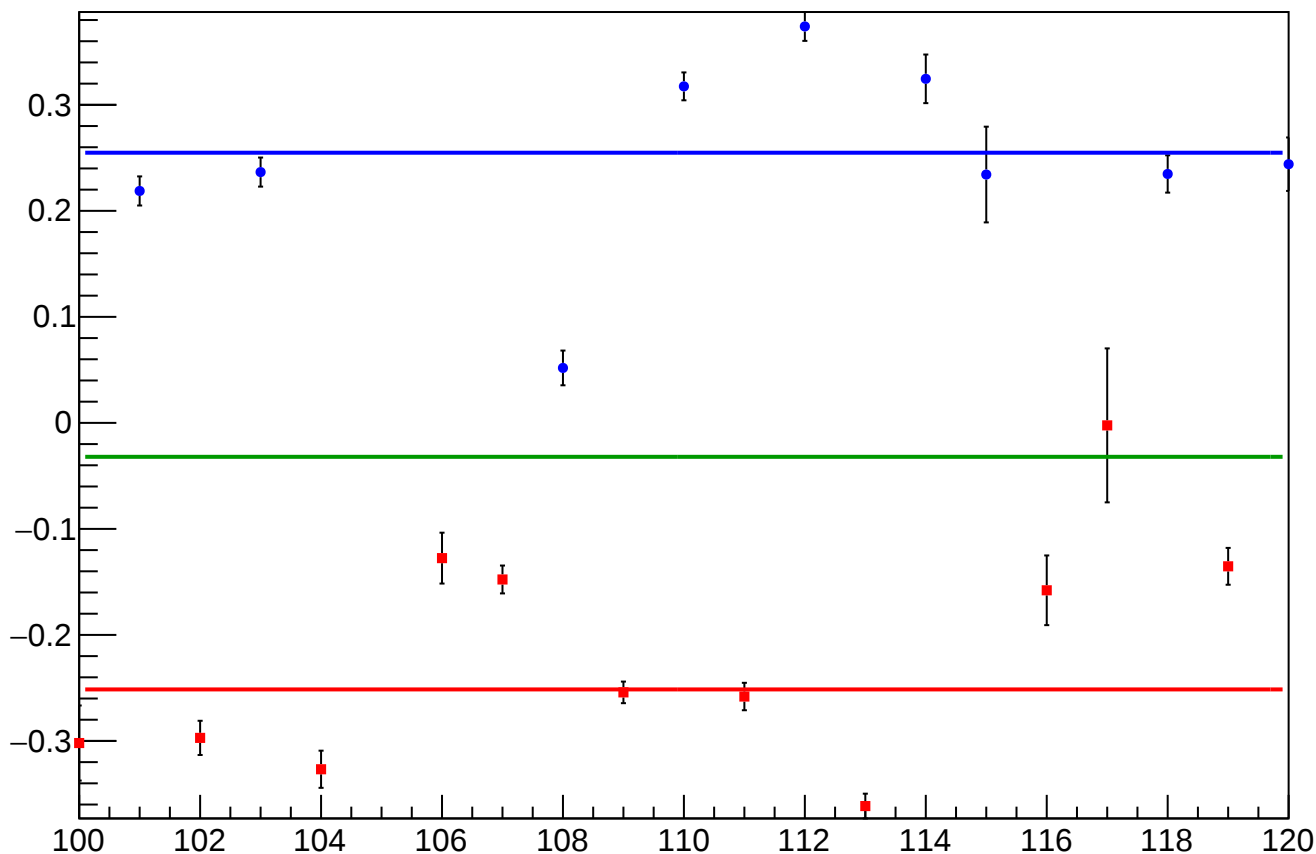
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.652+/-0.091 χ^2/NDF : 696.2/8

-0.109+/-0.063 χ^2/NDF : 2215.9/19

1.259+/-0.086 χ^2/NDF : 982.1/10

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.255 ± 0.006 χ^2/NDF : 272.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.251 ± 0.005 χ^2/NDF : 270.9/10

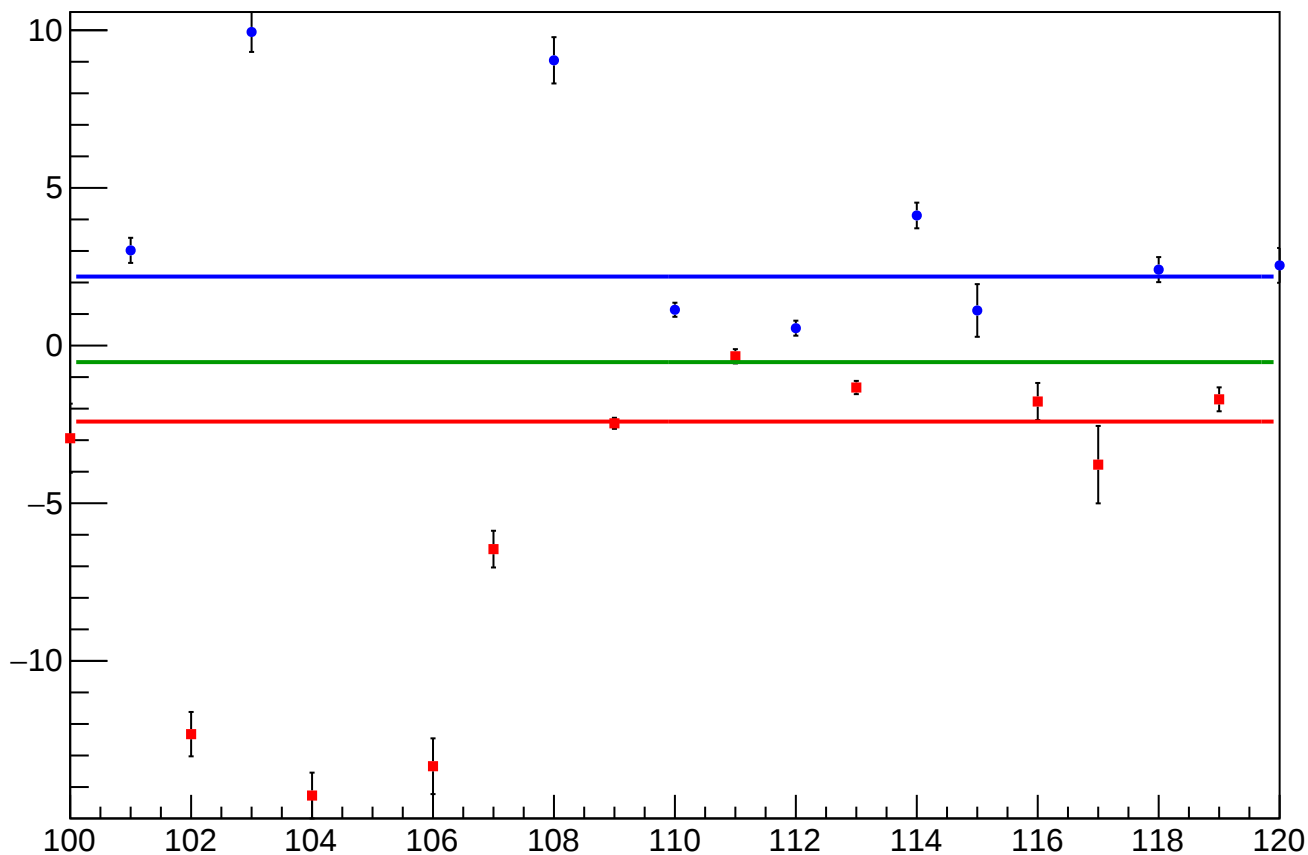
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.255 ± 0.006 χ^2/NDF : 272.6/8

-0.032 ± 0.004 χ^2/NDF : 5297.1/19

-0.251 ± 0.005 χ^2/NDF : 270.9/10

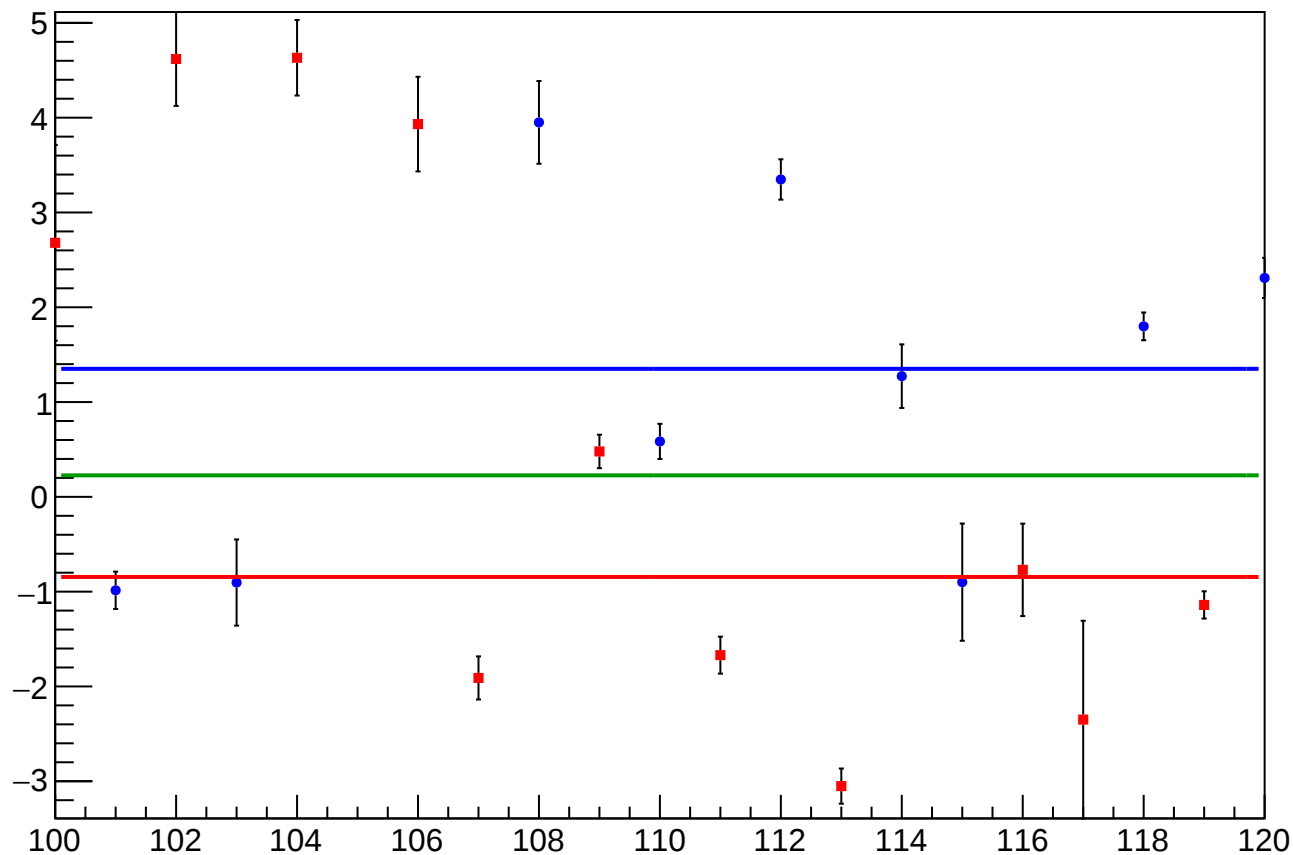
reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.188+/-0.124 χ^2/NDF : 336.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.410+/-0.103 χ^2/NDF : 782.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.188+/-0.124 χ^2/NDF : 336.4/8
 -0.525+/-0.079 χ^2/NDF : 1935.7/19
 -2.410+/-0.103 χ^2/NDF : 782.3/10

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.351 $\pm$ 0.077 χ^2 /NDF: 349.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.845 $\pm$ 0.075 χ^2 /NDF: 657.8/10

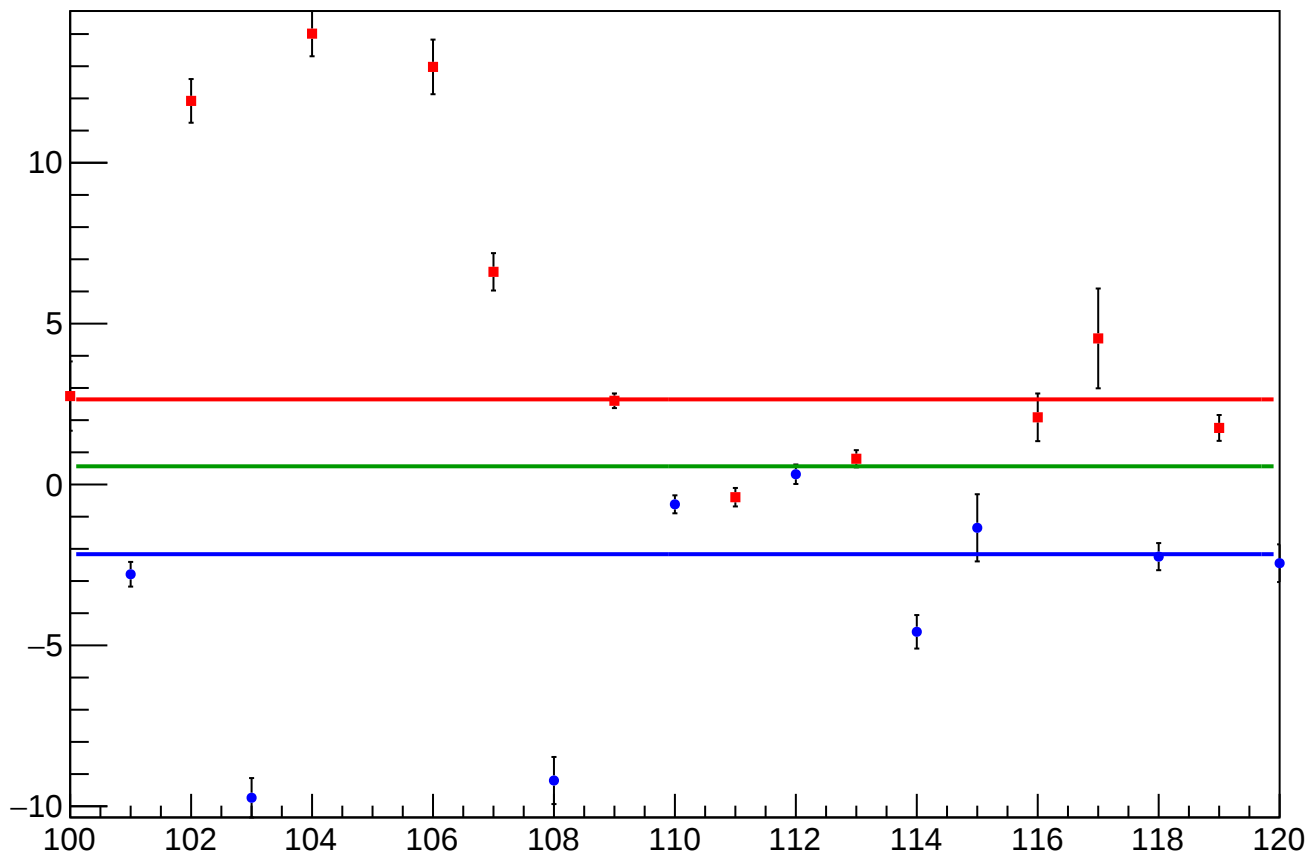
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.351 $\pm$ 0.077 χ^2 /NDF: 349.2/8

0.227 $\pm$ 0.054 χ^2 /NDF: 1420.0/19

-0.845 $\pm$ 0.075 χ^2 /NDF: 657.8/10

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.166 ± 0.144 χ^2/NDF : 368.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.645 ± 0.126 χ^2/NDF : 809.3/10

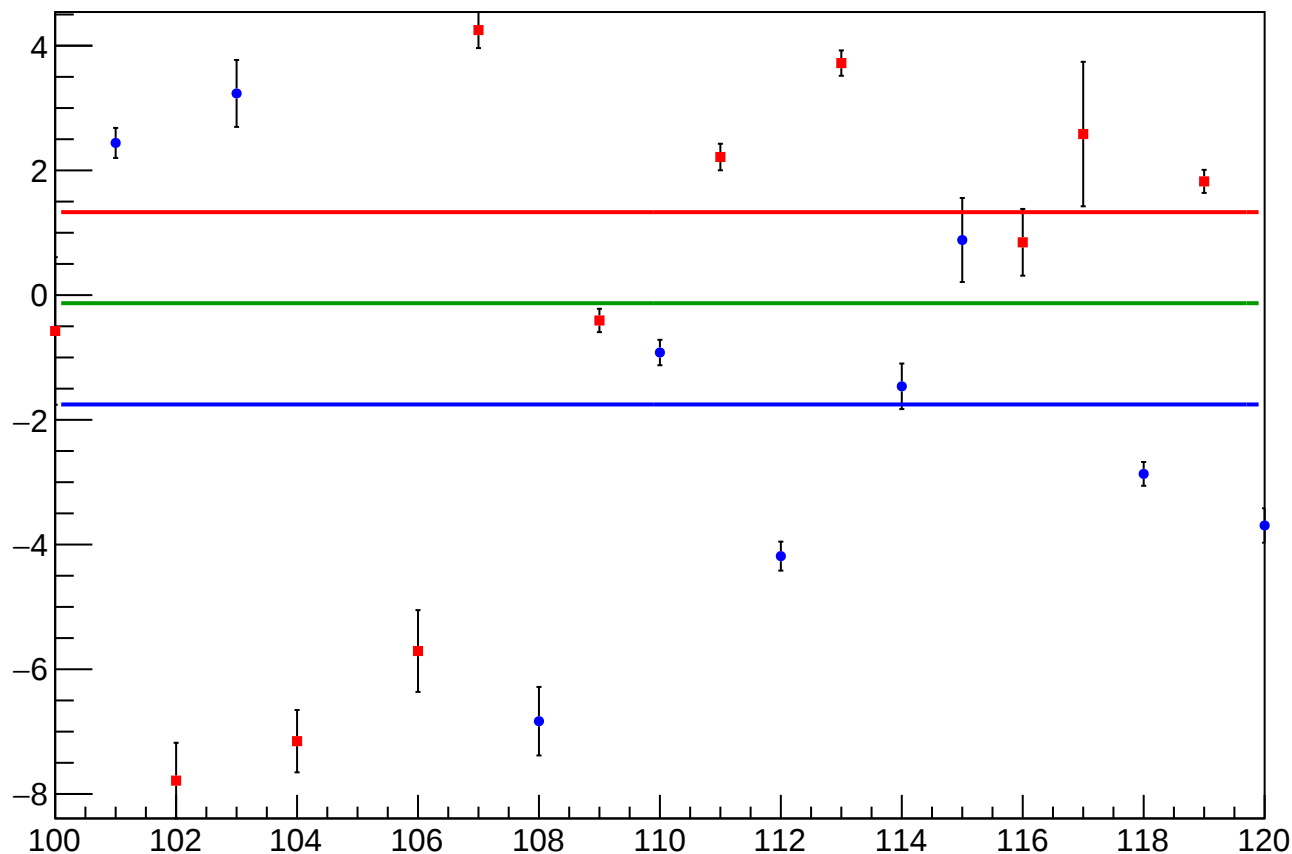
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-2.166 ± 0.144 χ^2/NDF : 368.4/8

0.565 ± 0.095 χ^2/NDF : 1811.1/19

2.645 ± 0.126 χ^2/NDF : 809.3/10

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.092 χ^2/NDF : 701.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.330+/-0.088 χ^2/NDF : 984.4/10

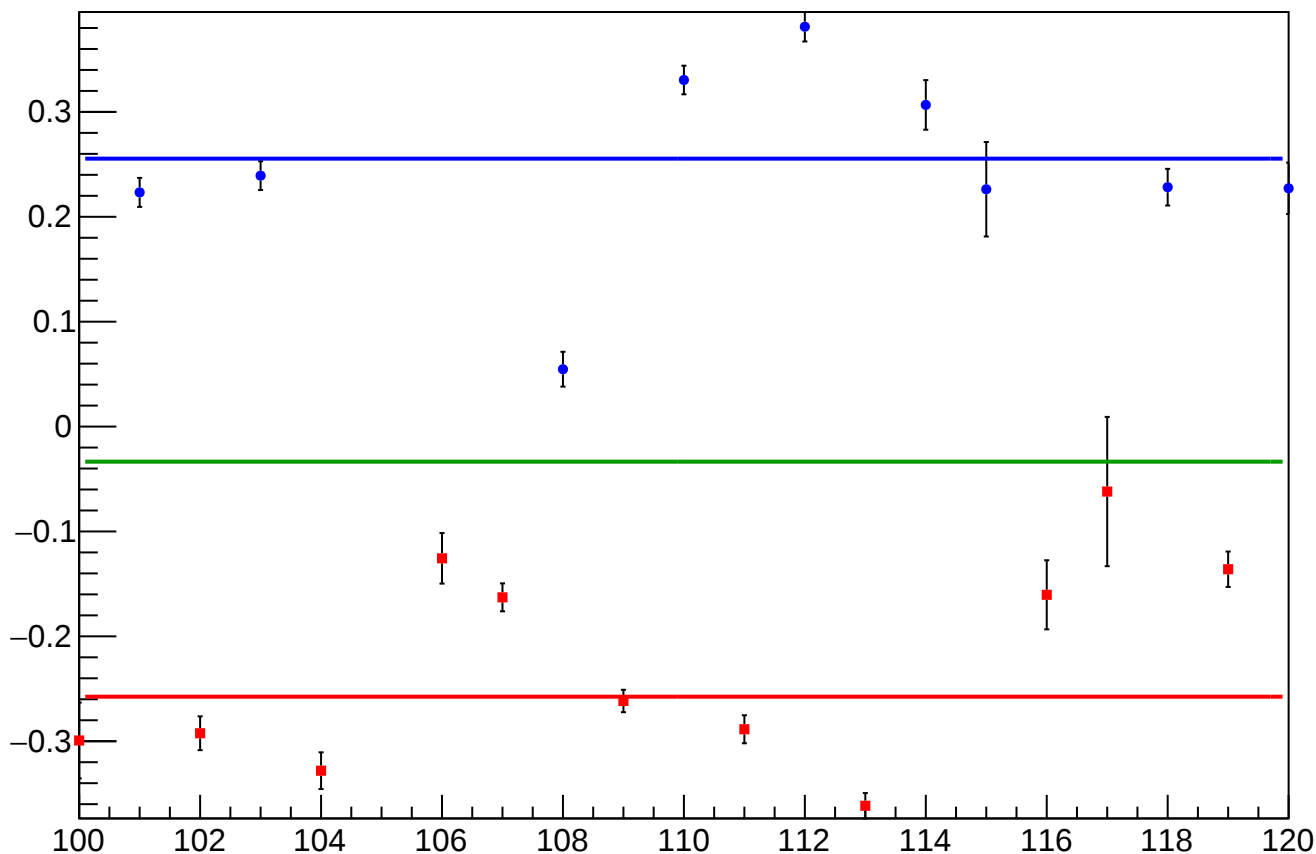
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.753+/-0.092 χ^2/NDF : 701.3/8

-0.129+/-0.064 χ^2/NDF : 2271.1/19

1.330+/-0.088 χ^2/NDF : 984.4/10

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.255+/-0.006 χ^2/NDF : 272.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.258+/-0.005 χ^2/NDF : 250.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.255+/-0.006 χ^2/NDF : 272.3/8

-0.033+/-0.004 χ^2/NDF : 5240.4/19

-0.258+/-0.005 χ^2/NDF : 250.2/10