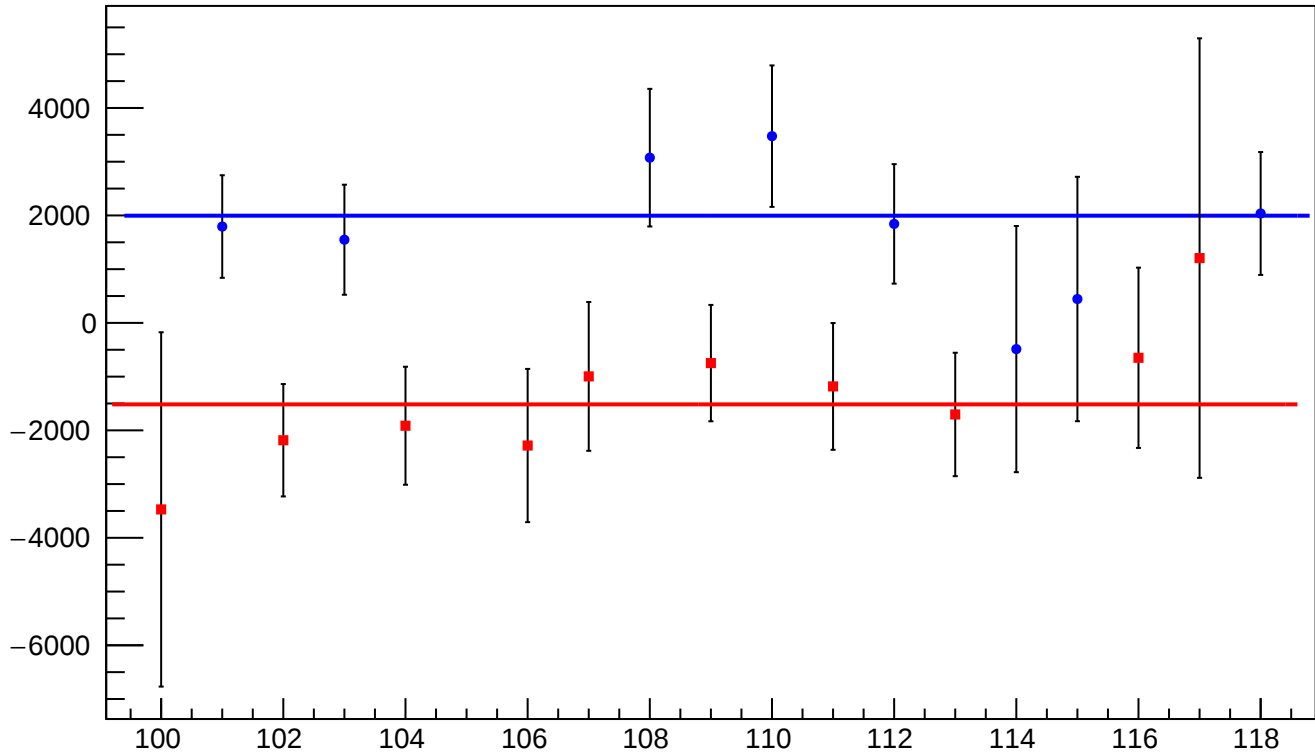


reg_asym_us_avg_mean vs Slug



Right In: 1995.293+/-438.739 χ^2/NDF : 3.9/7

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

Right Out: -1516.576+/-422.843 χ^2/NDF : 2.6/9

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

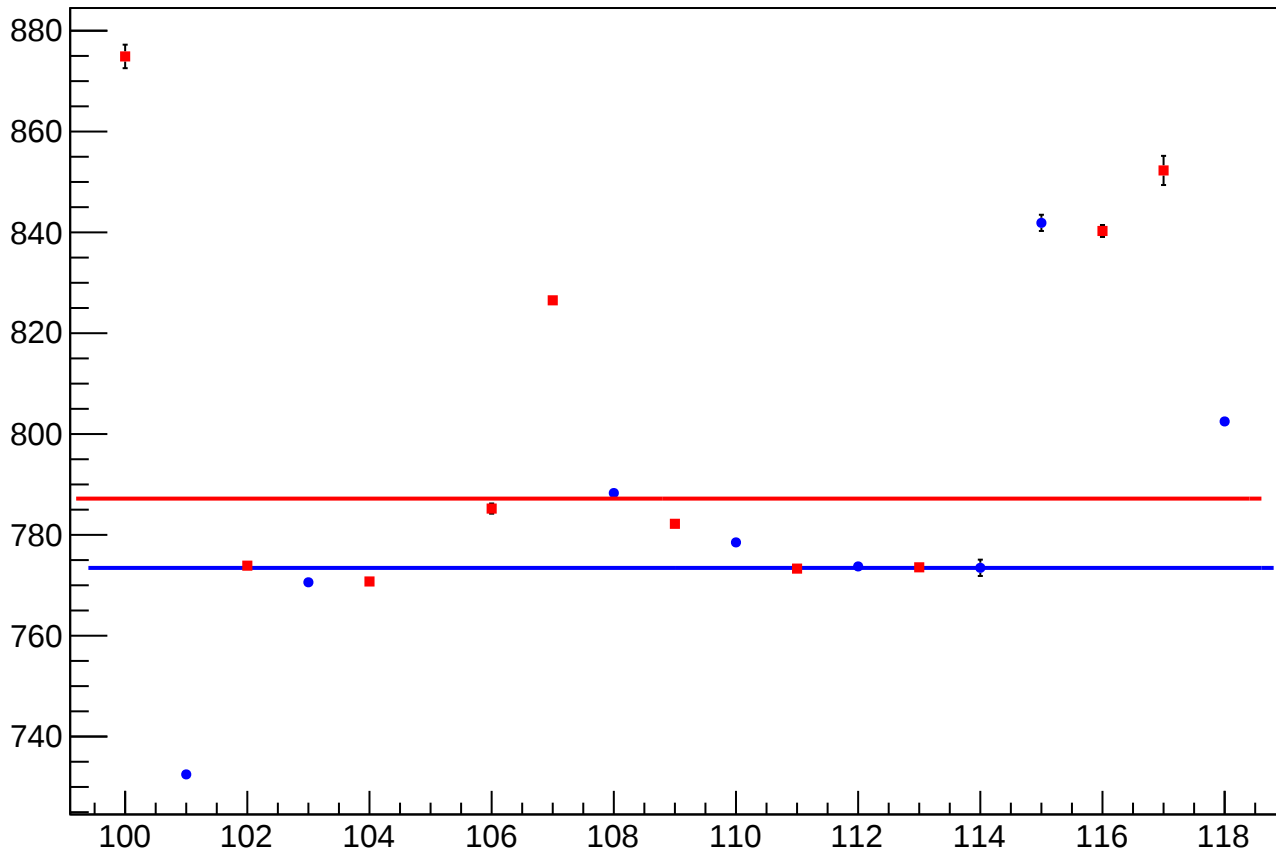
1995.293+/-438.739

χ^2/NDF : 3.9/7

-1516.576+/-422.843

χ^2/NDF : 2.6/9

reg_asym_us_avg_rms vs Slug



Right In: 773.447+/-0.310 χ^2/NDF : 7097.8/7

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

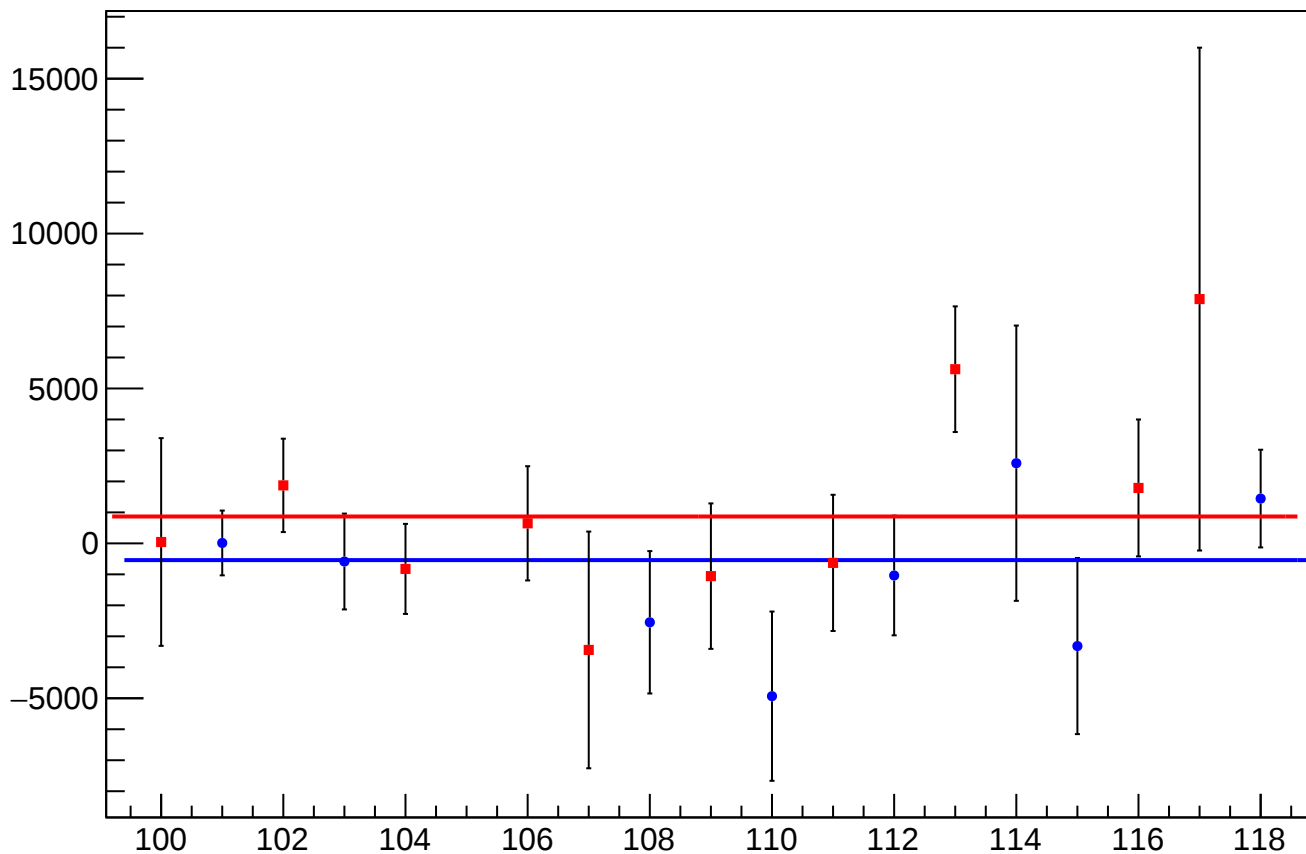
Right Out: 787.195+/-0.299 χ^2/NDF : 6914.1/9

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

773.447+/-0.310 χ^2/NDF : 7097.8/7

787.195+/-0.299 χ^2/NDF : 6914.1/9

asym_us_avg_correction_mean vs Slug



Right In: -540.170+/-632.288 χ^2/NDF : 6.7/7

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

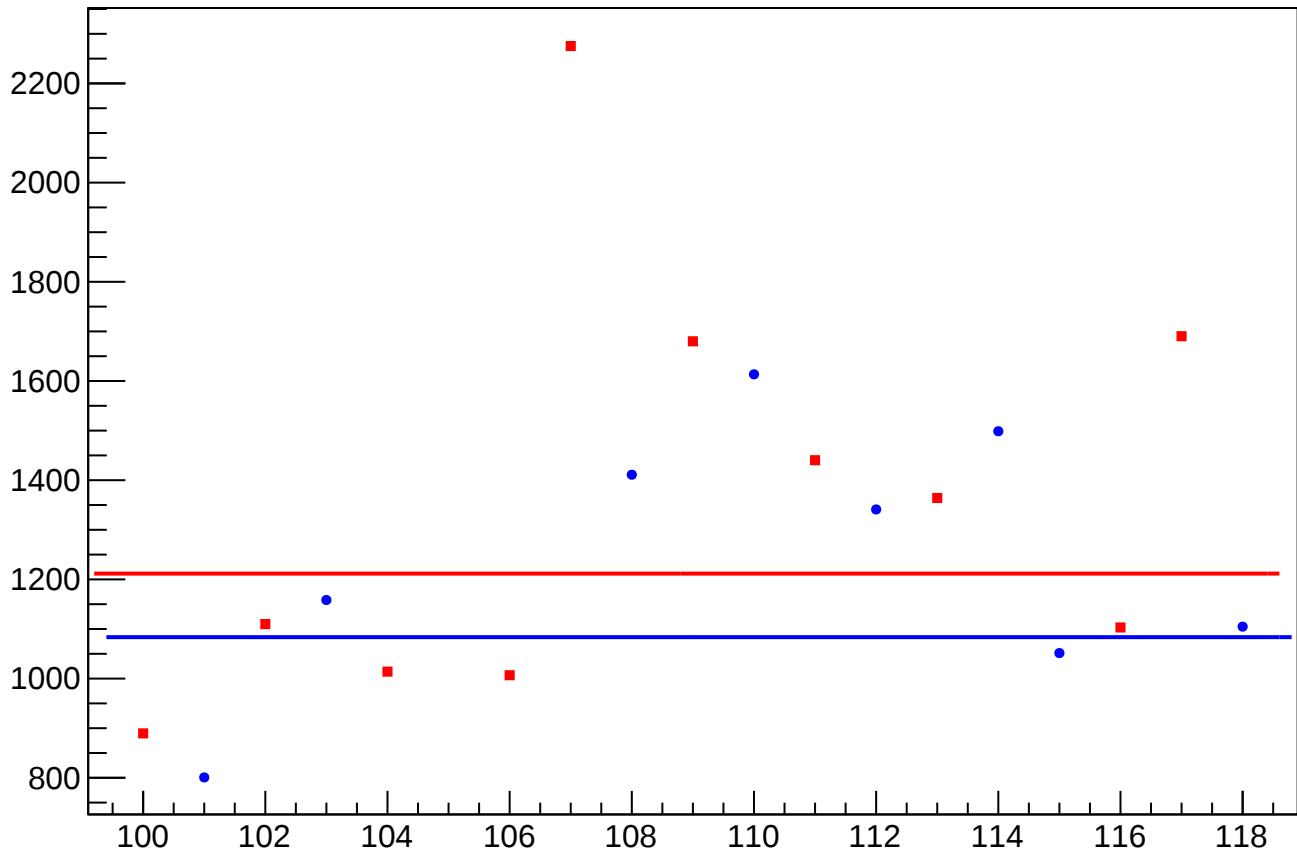
Right Out: 867.776+/-671.679 χ^2/NDF : 10.7/9

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

-540.170+/-632.288 χ^2/NDF : 6.7/7

867.776+/-671.679 χ^2/NDF : 10.7/9

asym_us_avg_correction_rms vs Slug



Right In: 1083.561+/-0.447 χ^2/NDF : 320633.3/7

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

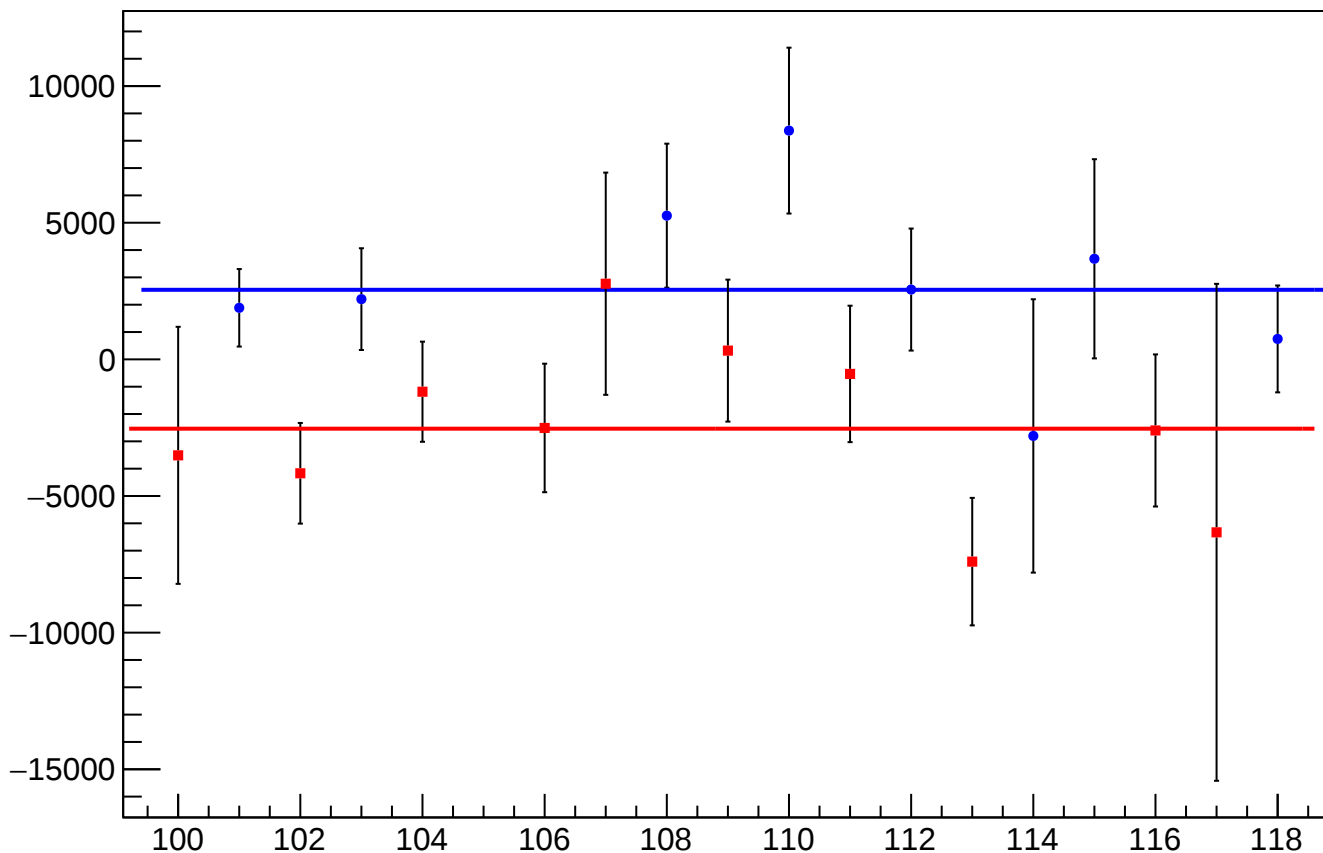
Right Out: 1211.702+/-0.475 χ^2/NDF : 368638.7/9

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

1083.561+/-0.447 χ^2/NDF : 320633.3/7

1211.702+/-0.475 χ^2/NDF : 368638.7/9

asym_us_avg_mean vs Slug



Right In: 2545.718+/-786.731 χ^2/NDF : 7.1/7

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

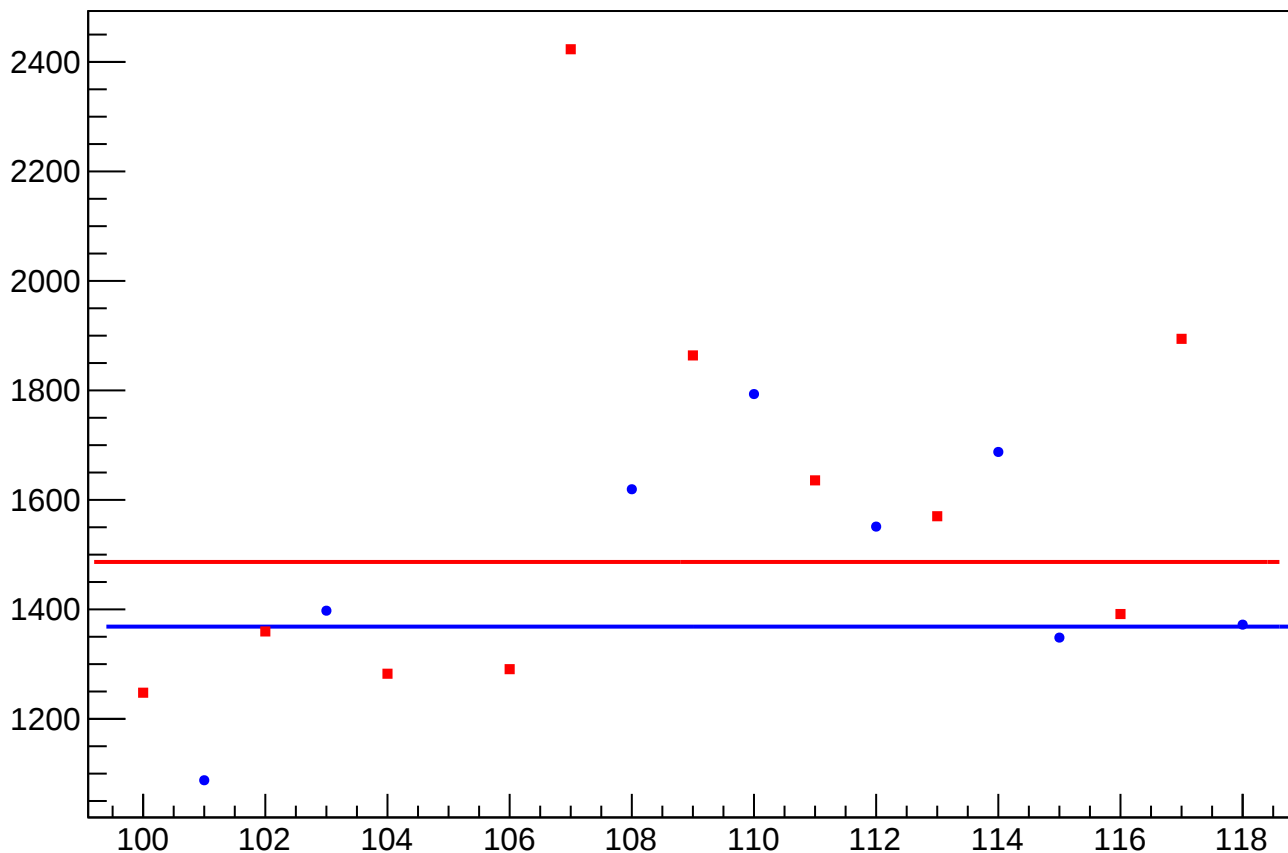
Right Out: -2536.588+/-812.998 χ^2/NDF : 9.5/9

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

2545.718+/-786.731 χ^2/NDF : 7.1/7

-2536.588+/-812.998 χ^2/NDF : 9.5/9

asym_us_avg_rms vs Slug



Right In: 1368.526 $\pm$ 0.556 χ^2 /NDF: 157718.0/7

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

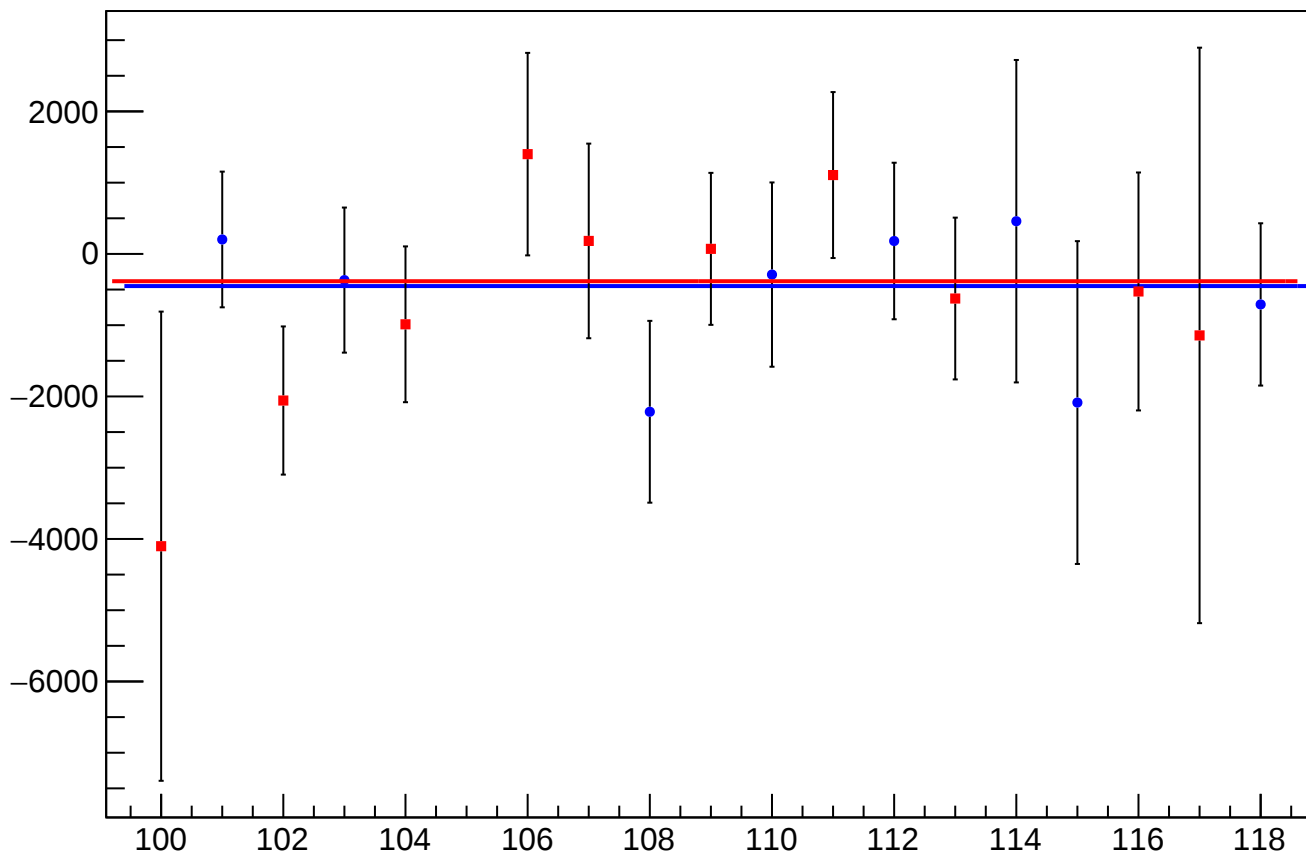
Right Out: 1486.640 $\pm$ 0.575 χ^2 /NDF: 217693.7/9

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

1368.526 $\pm$ 0.556 χ^2 /NDF: 157718.0/7

1486.640 $\pm$ 0.575 χ^2 /NDF: 217693.7/9

reg_asym_us_dd_mean vs Slug



Right In: -451.201+/-435.577 χ^2/NDF : 3.5/7

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

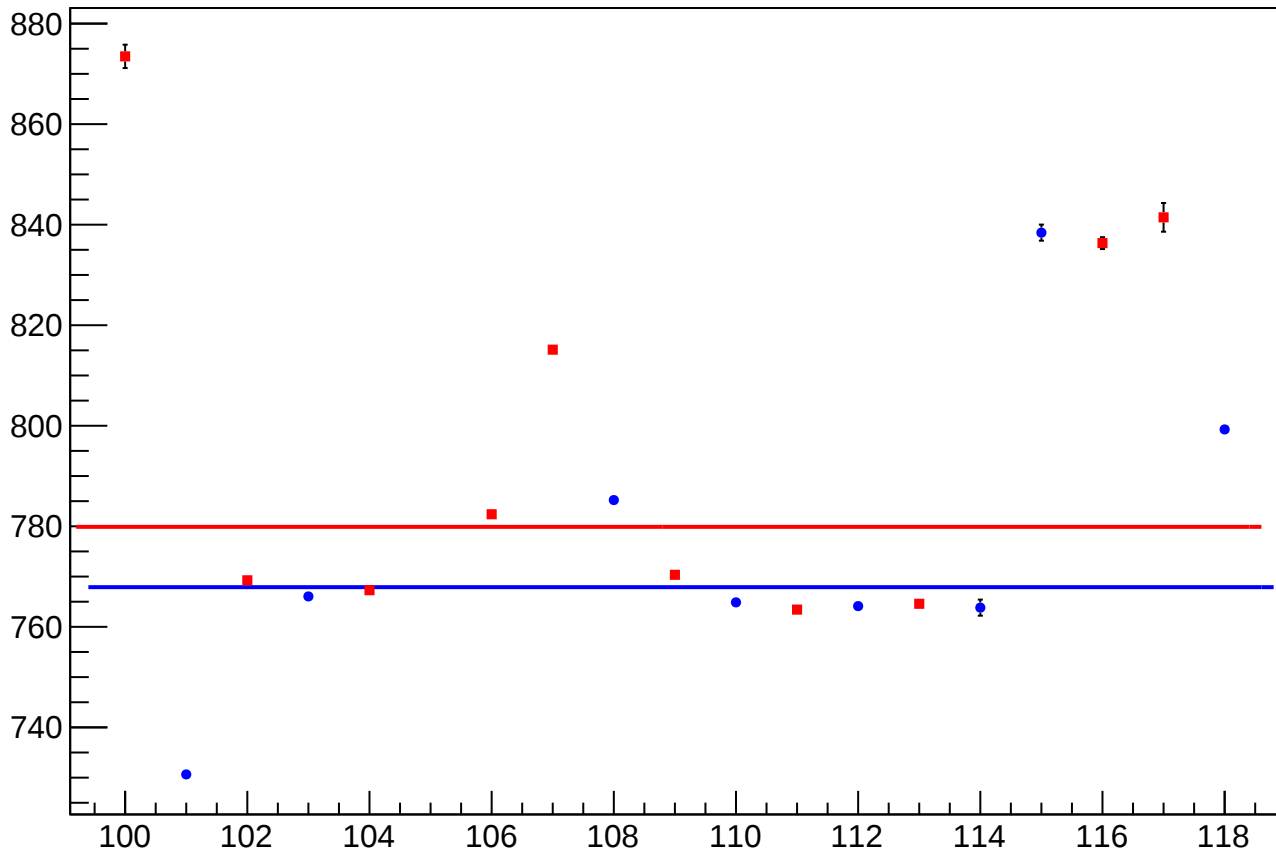
Right Out: -382.992+/-418.921 χ^2/NDF : 7.8/9

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

-451.201+/-435.577 χ^2/NDF : 3.5/7

-382.992+/-418.921 χ^2/NDF : 7.8/9

reg_asym_us_dd_rms vs Slug



Right In: 767.892 $\pm$ 0.308 χ^2 /NDF: 6934.5/7

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

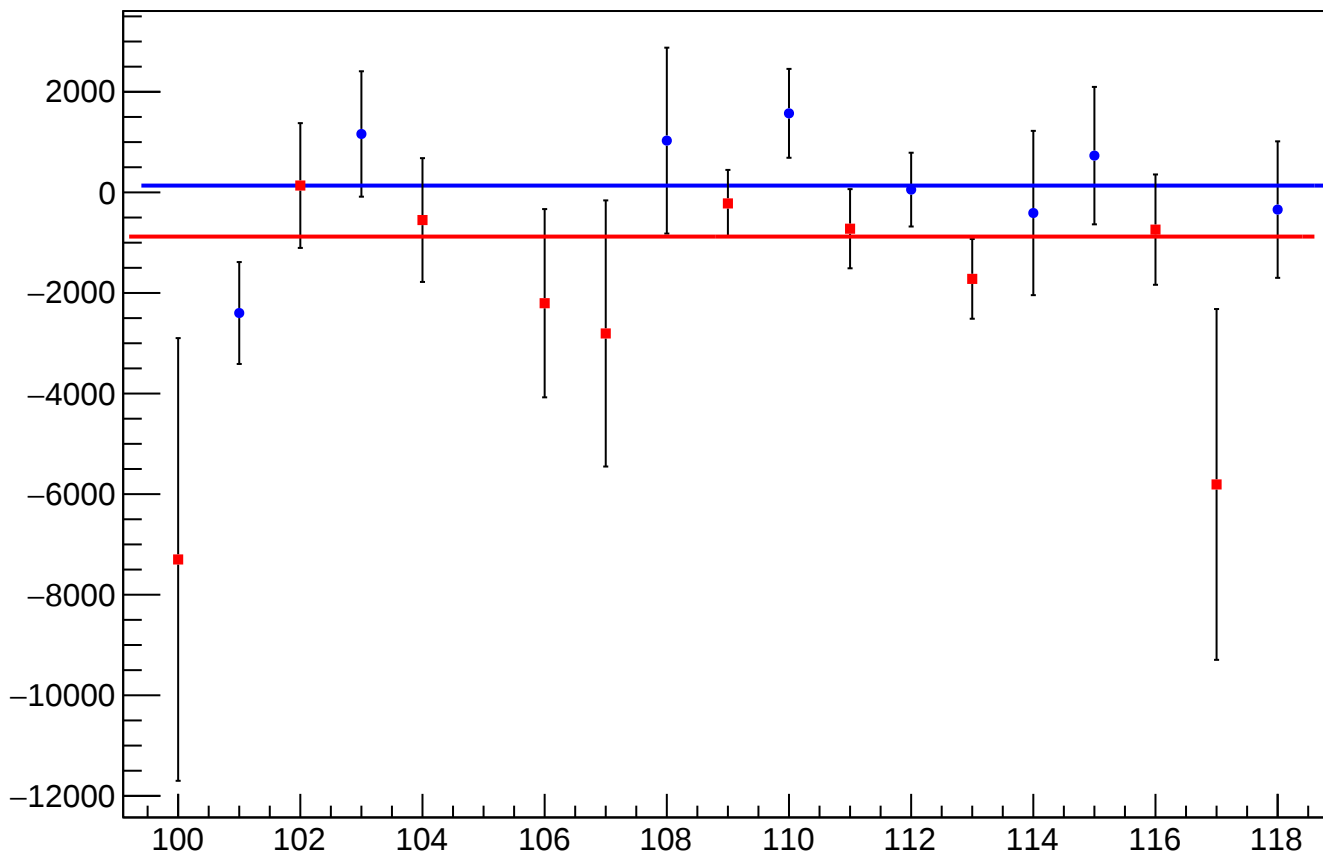
Right Out: 779.894 $\pm$ 0.296 χ^2 /NDF: 7103.1/9

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

767.892 $\pm$ 0.308 χ^2 /NDF: 6934.5/7

779.894 $\pm$ 0.296 χ^2 /NDF: 7103.1/9

asym_us_dd_correction_mean vs Slug



Right In: 135.374+/-392.159 χ^2/NDF : 10.2/7

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

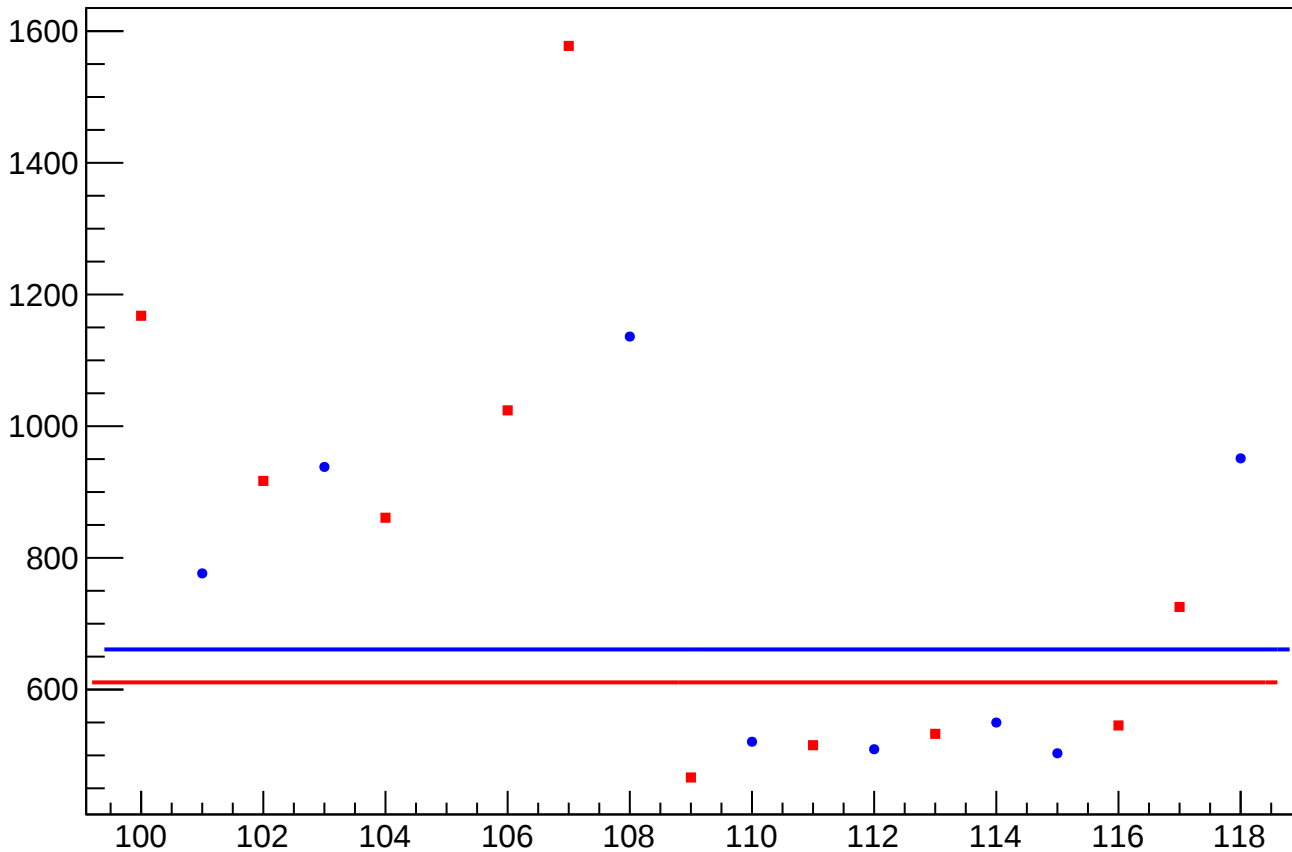
Right Out: -878.721+/-350.074 χ^2/NDF : 8.1/9

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

135.374+/-392.159 χ^2/NDF : 10.2/7

-878.721+/-350.074 χ^2/NDF : 8.1/9

asym_us_dd_correction_rms vs Slug



Right In: 660.943+/-0.277 χ^2/NDF : 520161.8/7

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

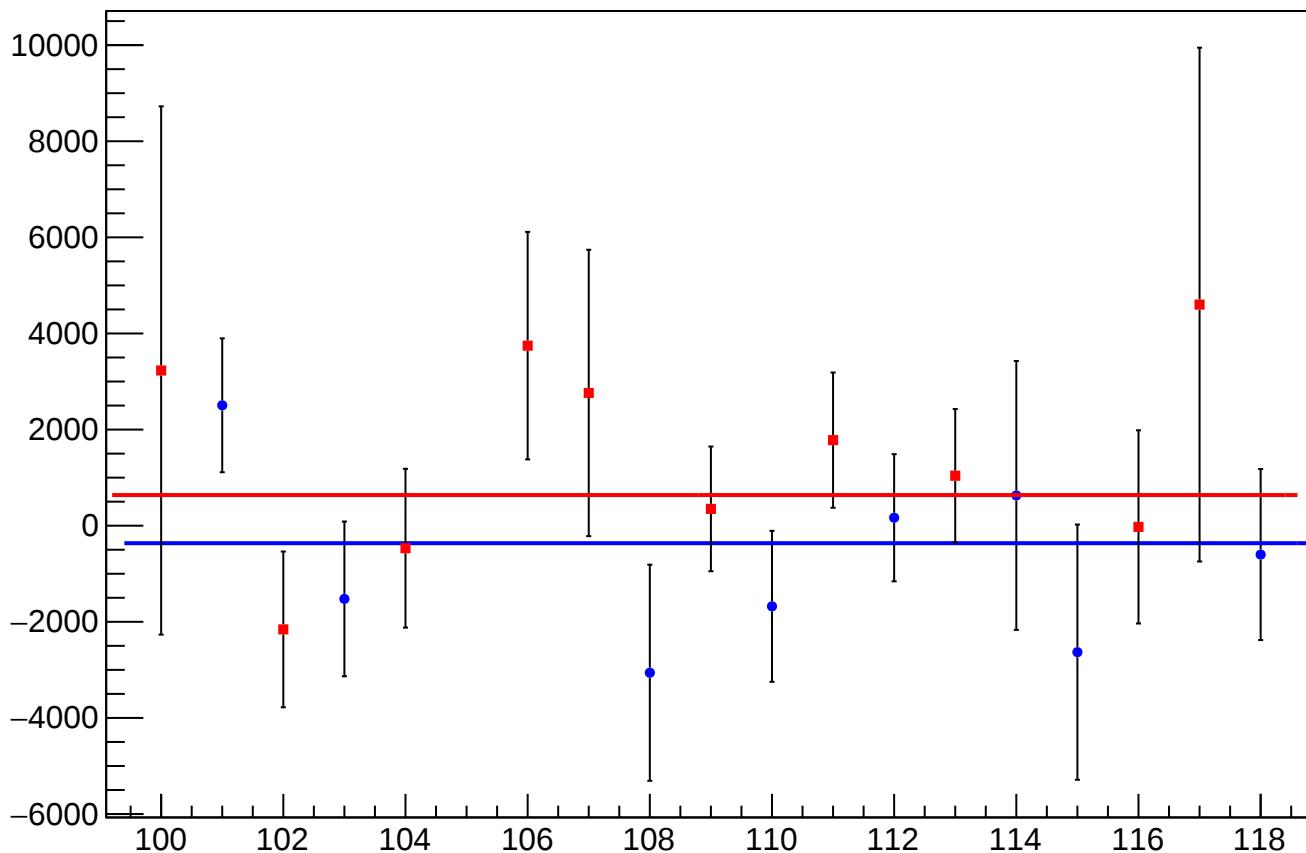
Right Out: 610.902+/-0.248 χ^2/NDF : 752703.4/9

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

660.943+/-0.277 χ^2/NDF : 520161.8/7

610.902+/-0.248 χ^2/NDF : 752703.4/9

asym_us_dd_mean vs Slug



Right In: -364.254+/-613.045 χ^2/NDF : 7.9/7

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

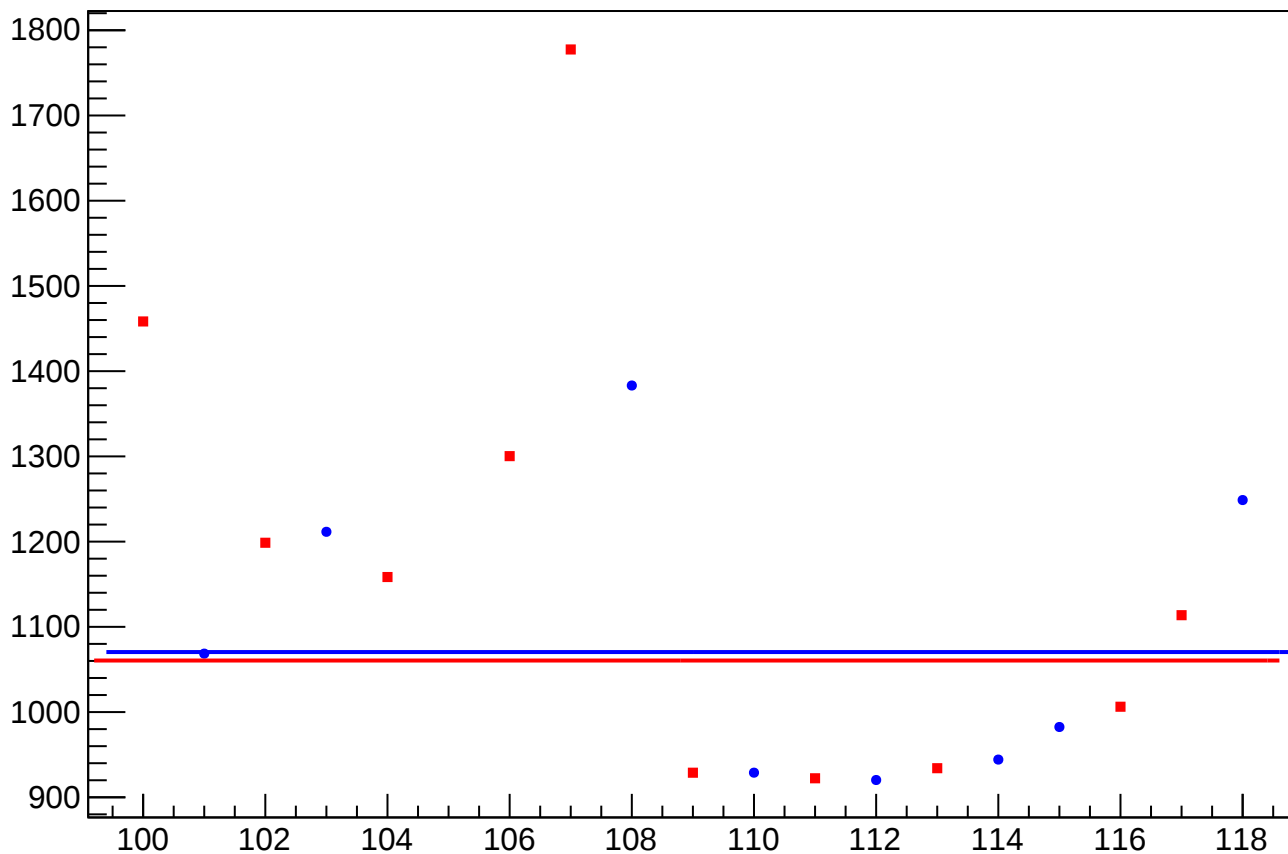
Right Out: 637.751+/-580.025 χ^2/NDF : 7.3/9

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

-364.254+/-613.045 χ^2/NDF : 7.9/7

637.751+/-580.025 χ^2/NDF : 7.3/9

asym_us_dd_rms vs Slug



Right In: 1070.429 $\pm$ 0.433 χ^2 /NDF: 122392.4/7

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

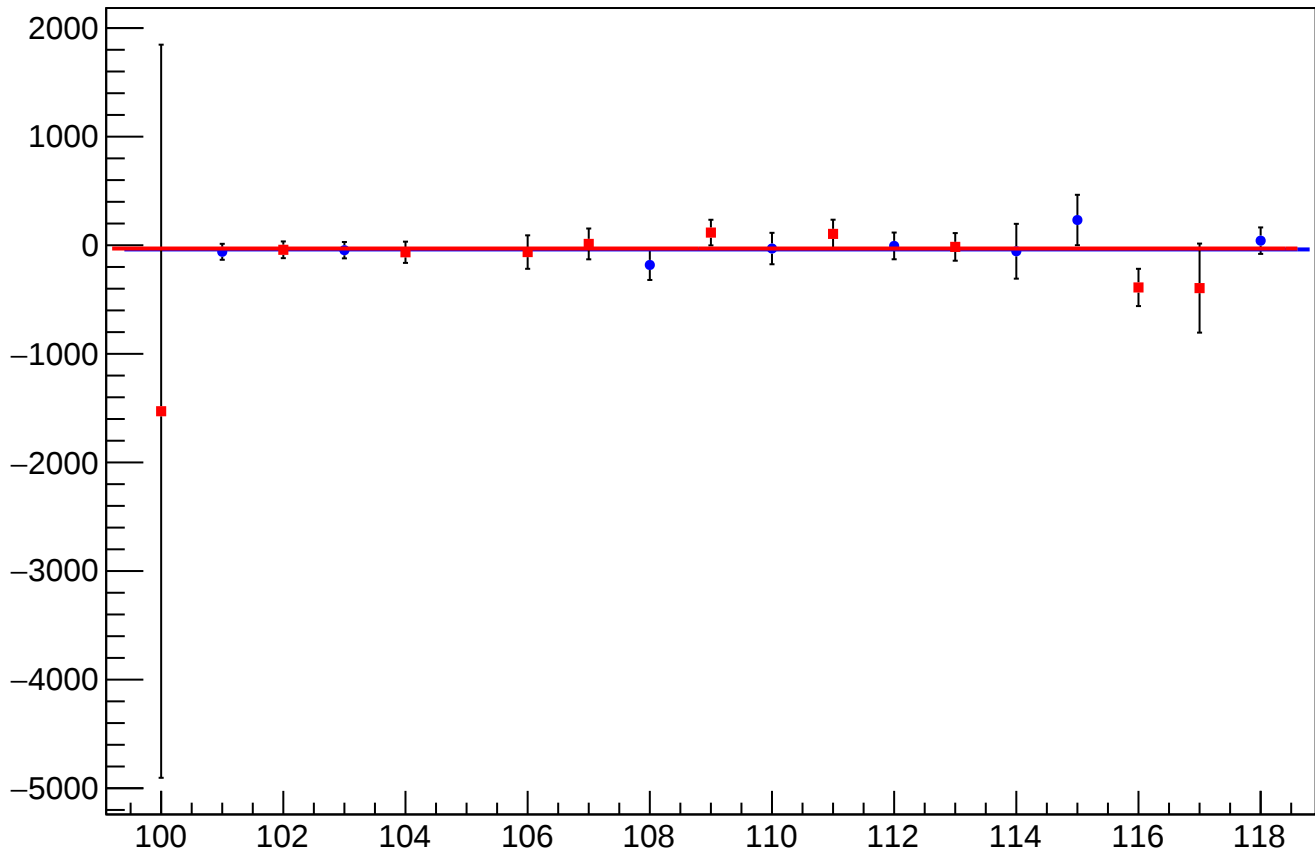
Right Out: 1060.493 $\pm$ 0.410 χ^2 /NDF: 226462.6/9

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

1070.429 $\pm$ 0.433 χ^2 /NDF: 122392.4/7

1060.493 $\pm$ 0.410 χ^2 /NDF: 226462.6/9

reg_asym_ds_avg_mean vs Slug



Right In: -38.514 $\pm$ 39.869 χ^2 /NDF: 3.0/7

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

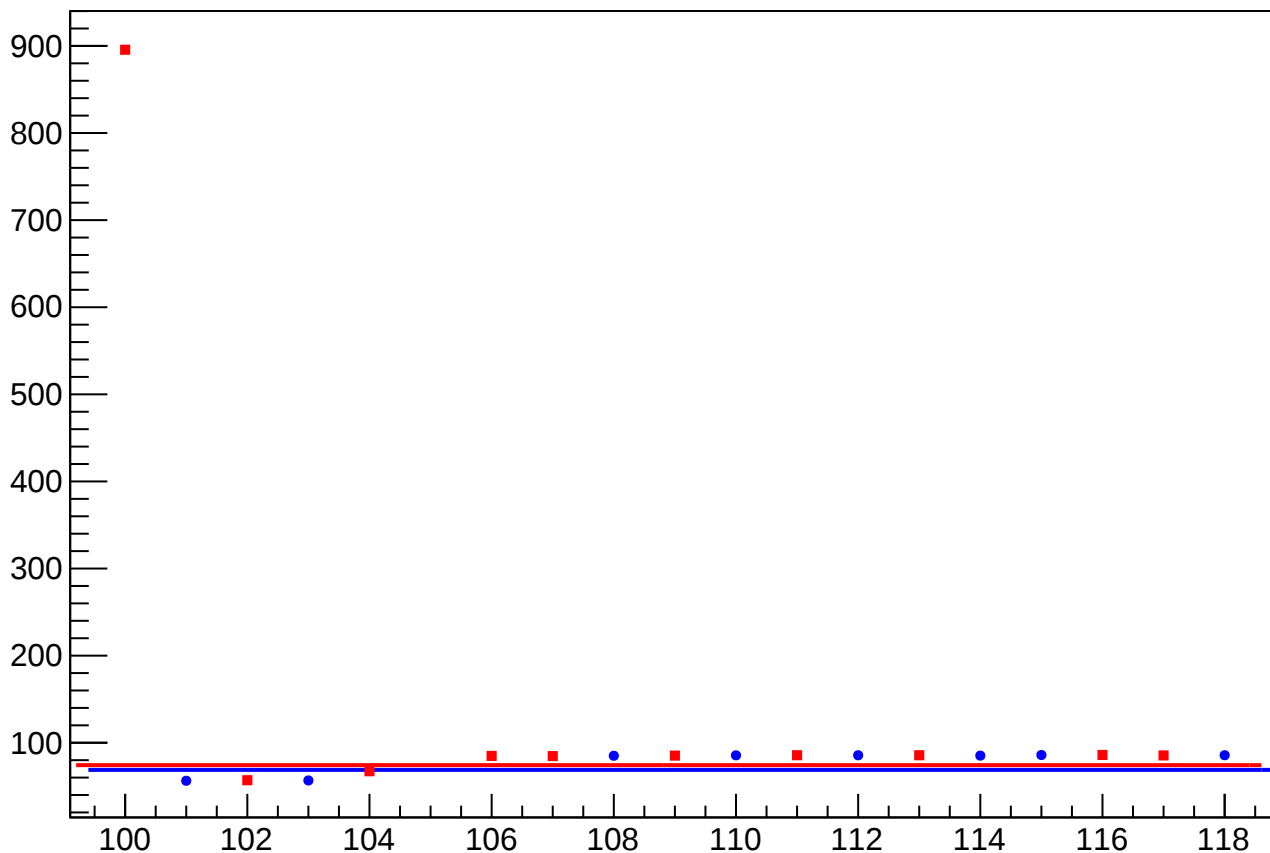
Right Out: -30.061 $\pm$ 40.926 χ^2 /NDF: 8.3/9

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

-38.514 $\pm$ 39.869 χ^2 /NDF: 3.0/7

-30.061 $\pm$ 40.926 χ^2 /NDF: 8.3/9

reg_asym_ds_avg_rms vs Slug



Right In: 68.862+/-0.028 χ^2/NDF : 258098.1/7

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

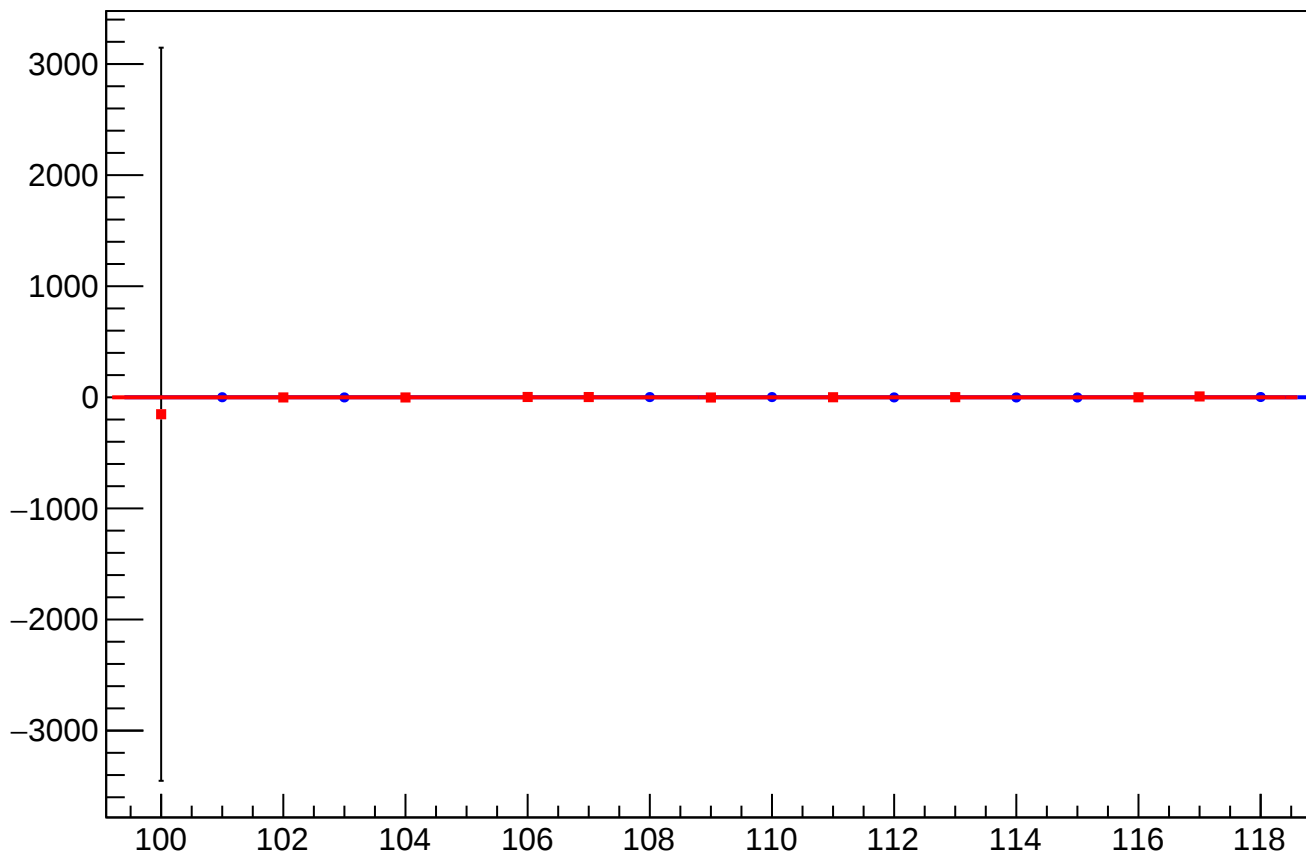
Right Out: 74.297+/-0.029 χ^2/NDF : 308958.8/9

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

68.862+/-0.028 χ^2/NDF : 258098.1/7

74.297+/-0.029 χ^2/NDF : 308958.8/9

asym_ds_avg_correction_mean vs Slug



Right In: 0.480+/-0.656 χ^2 /NDF: 4.4/7

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

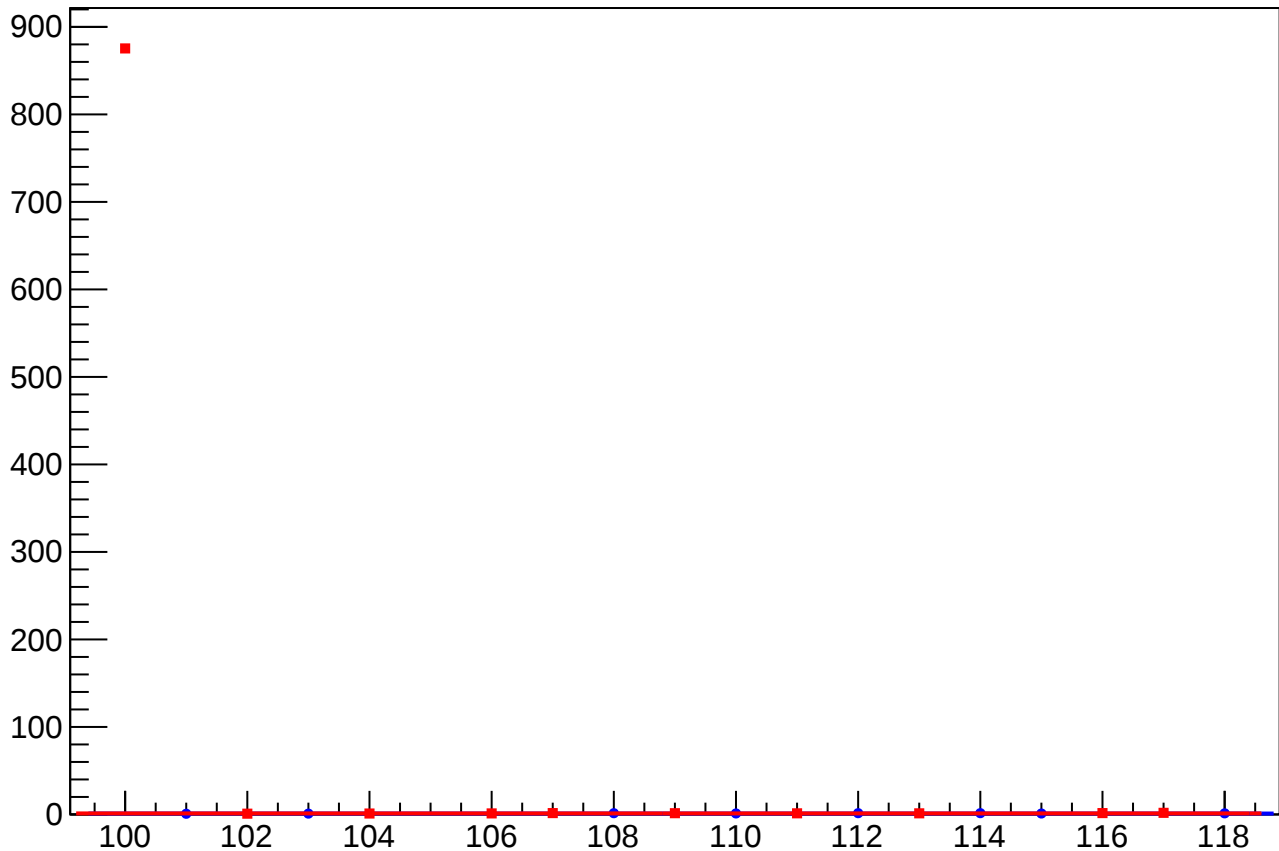
Right Out: -0.000+/-0.710 χ^2 /NDF: 5.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.480+/-0.656 χ^2 /NDF: 4.4/7

-0.000+/-0.710 χ^2 /NDF: 5.5/9

asym_ds_avg_correction_rms vs Slug



Right In: 1.034+/-0.000 χ^2/NDF : 276990.3/7

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

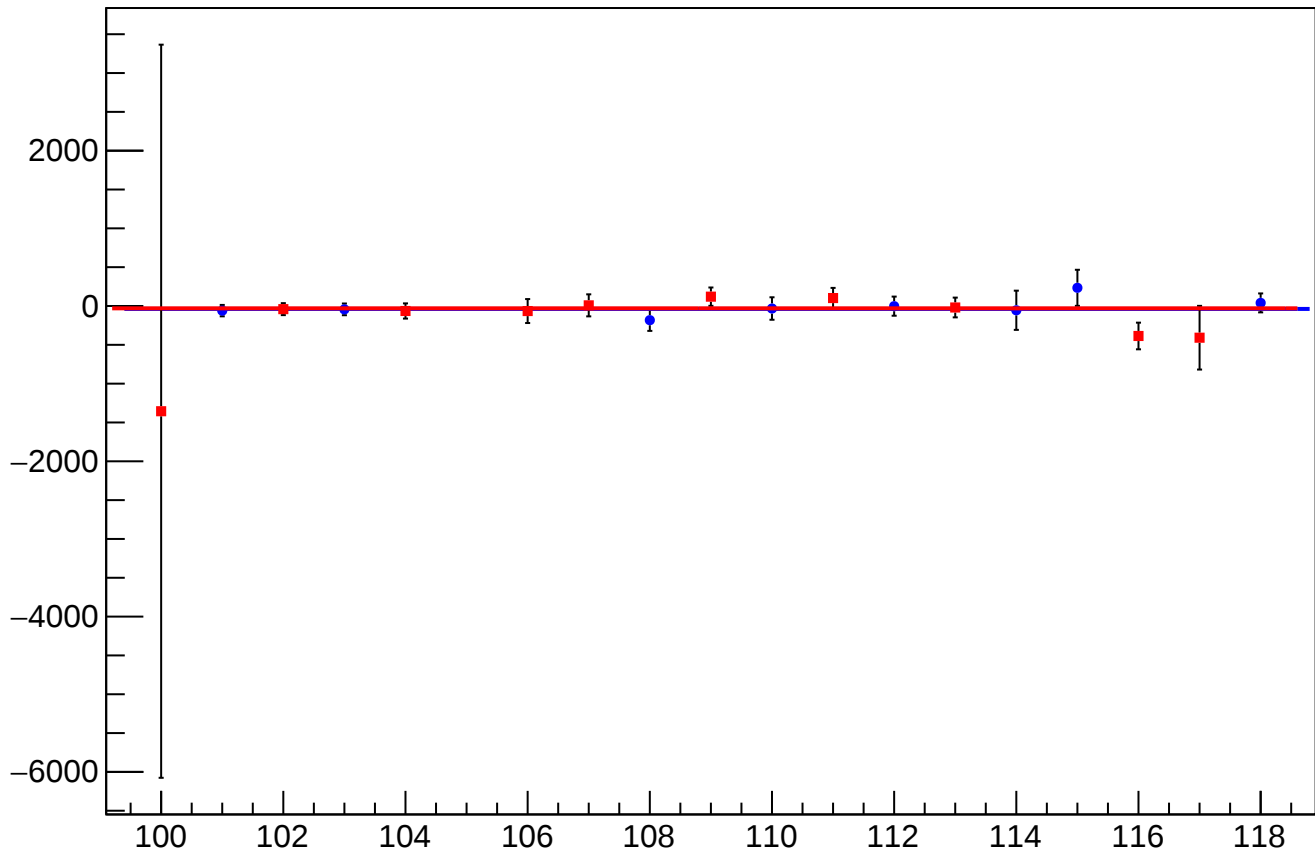
Right Out: 1.180+/-0.001 χ^2/NDF : 359729.4/9

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

1.034+/-0.000 χ^2/NDF : 276990.3/7

1.180+/-0.001 χ^2/NDF : 359729.4/9

asym_ds_avg_mean vs Slug



Right In: -37.797+/-39.879 χ^2/NDF : 3.1/7

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

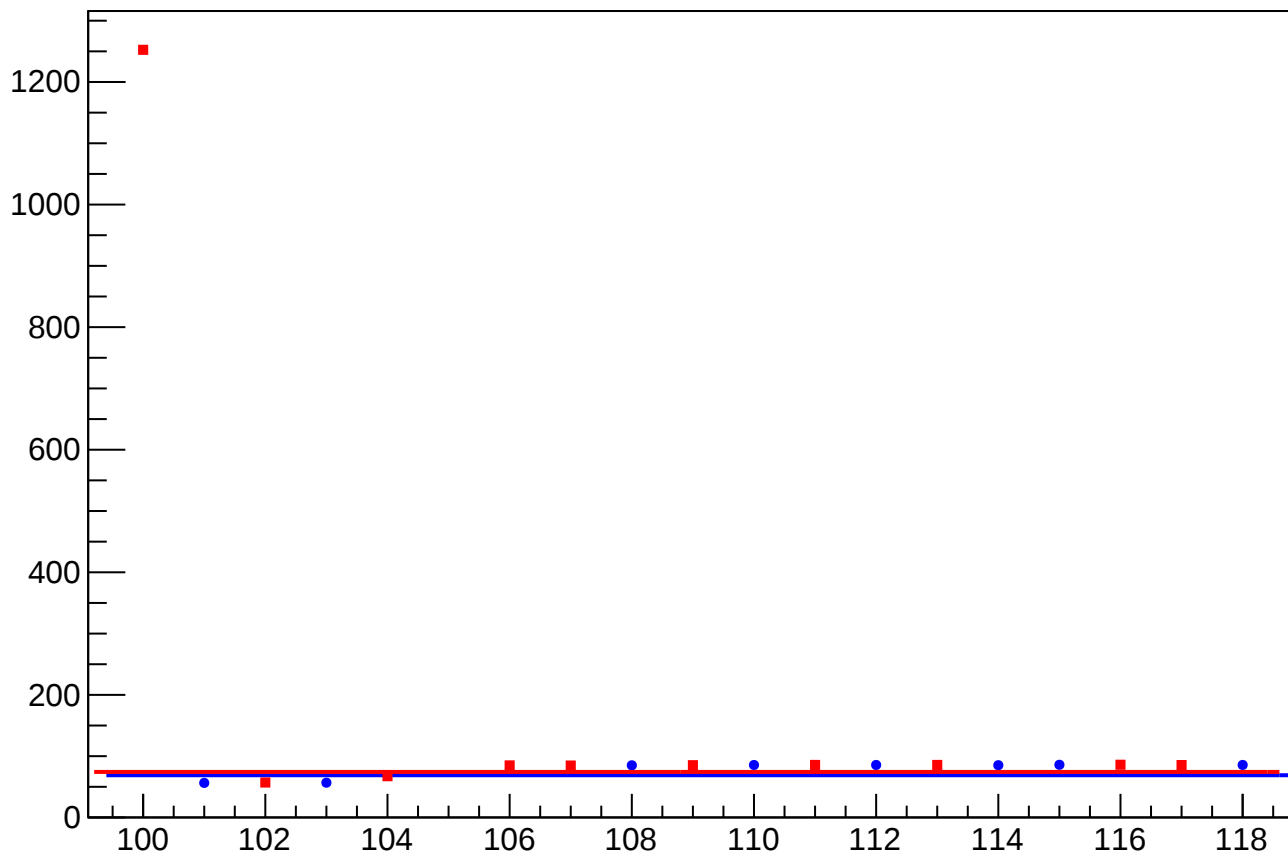
Right Out: -30.201+/-40.938 χ^2/NDF : 8.2/9

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

-37.797+/-39.879 χ^2/NDF : 3.1/7

-30.201+/-40.938 χ^2/NDF : 8.2/9

asym_ds_avg_rms vs Slug



Right In: 68.880+/-0.028 χ^2/NDF : 258099.2/7

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

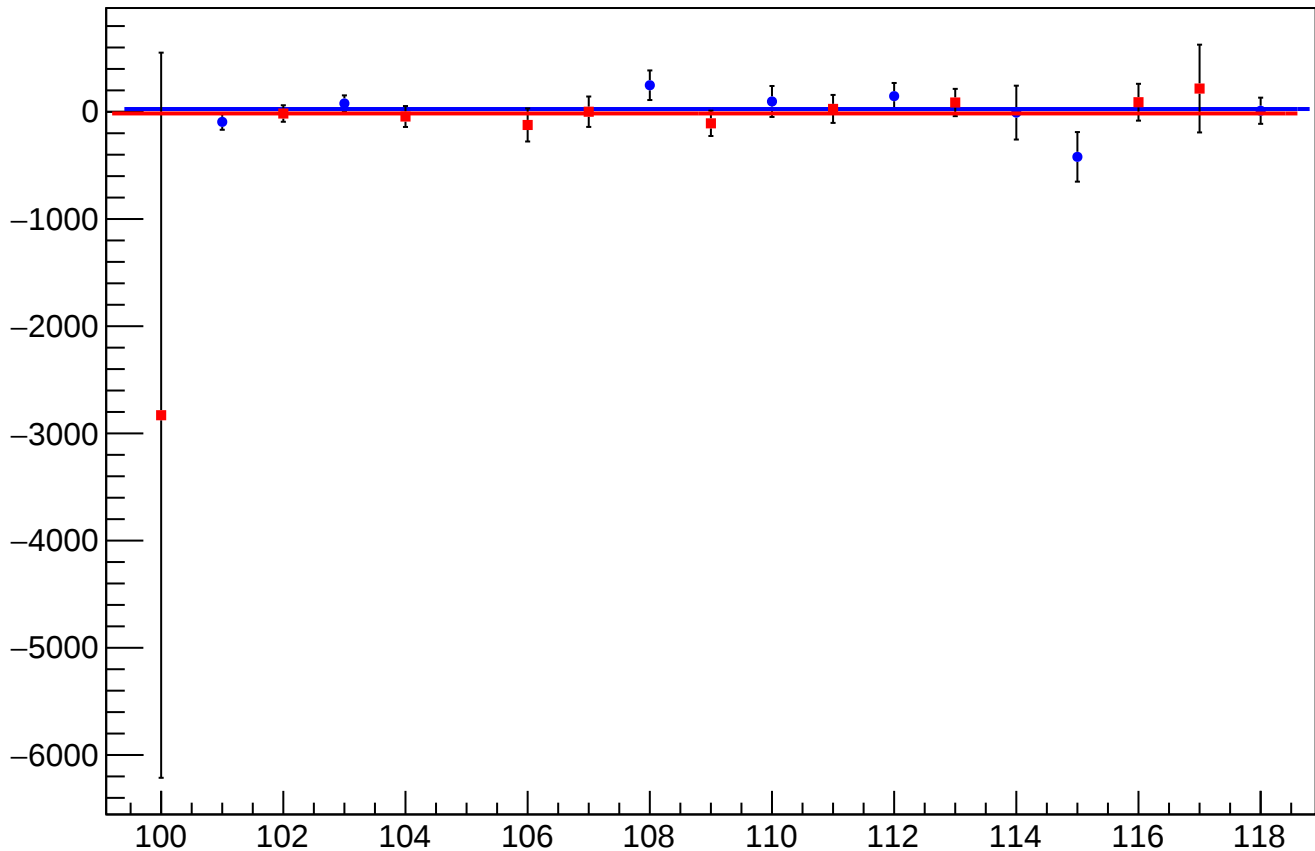
Right Out: 74.285+/-0.029 χ^2/NDF : 315117.3/9

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

68.880+/-0.028 χ^2/NDF : 258099.2/7

74.285+/-0.029 χ^2/NDF : 315117.3/9

reg_asym_ds_dd_mean vs Slug



Right In: 26.101+/-39.833 χ^2/NDF : 10.7/7

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

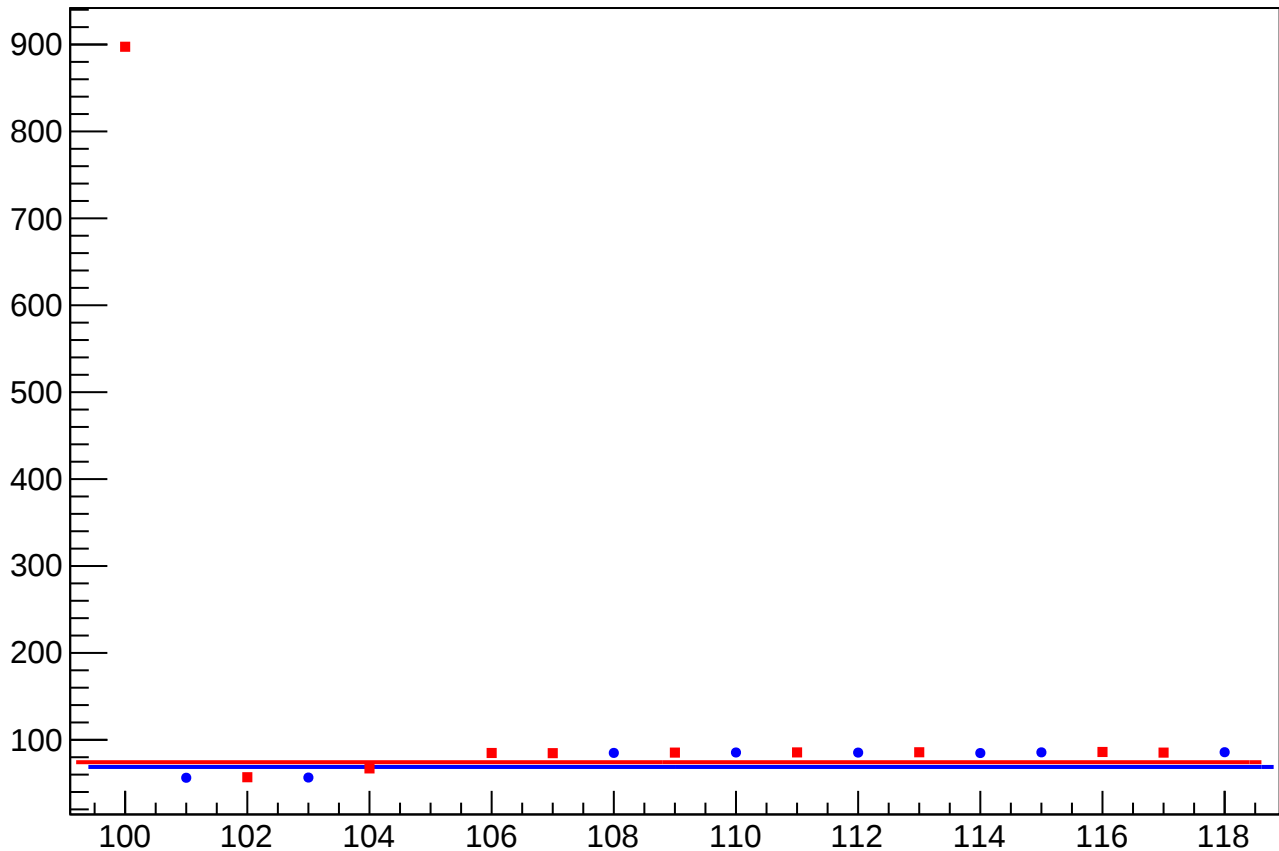
Right Out: -15.179+/-40.913 χ^2/NDF : 3.3/9

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

26.101+/-39.833 χ^2/NDF : 10.7/7

-15.179+/-40.913 χ^2/NDF : 3.3/9

reg_asym_ds_dd_rms vs Slug



Right In: 68.806+/-0.028 χ^2/NDF : 257106.6/7

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

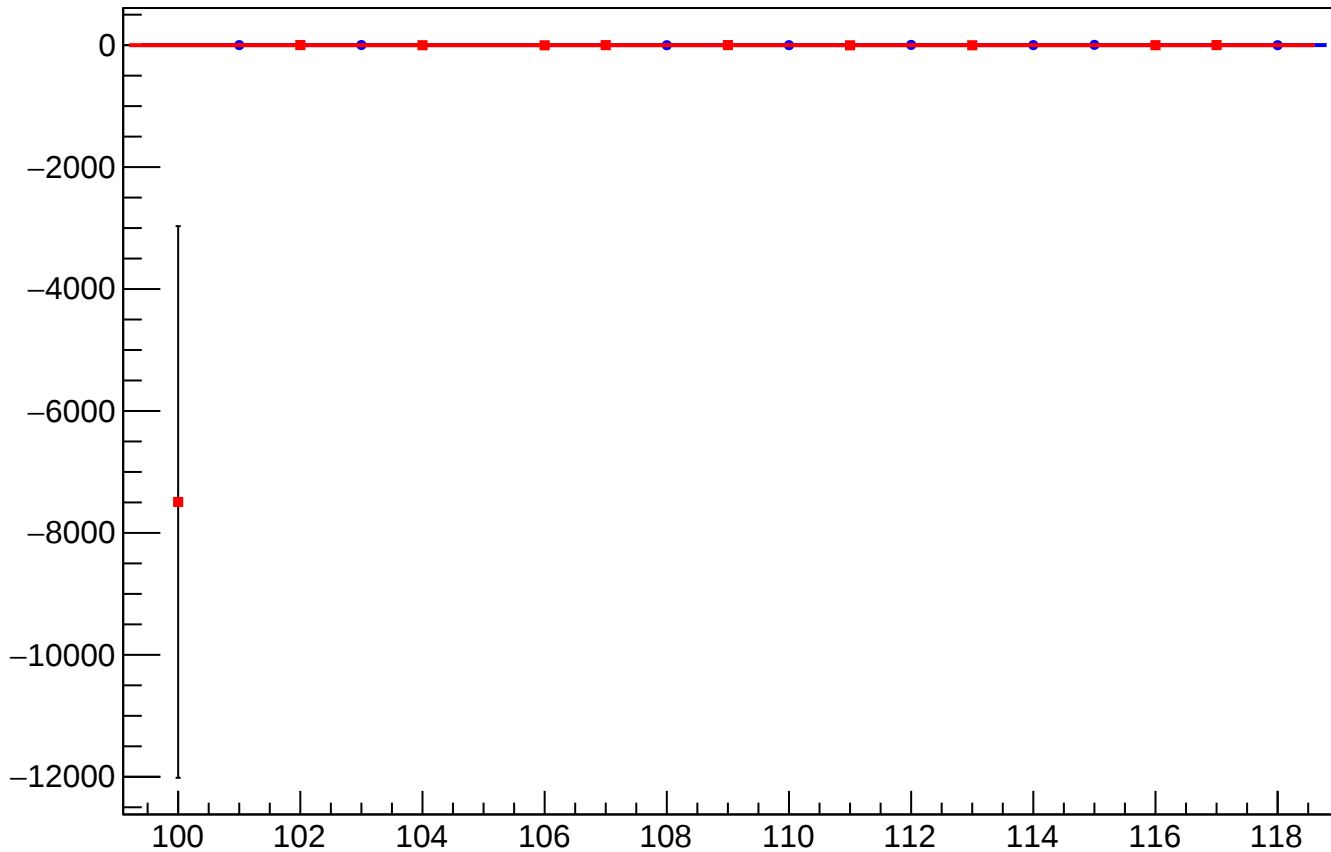
Right Out: 74.271+/-0.029 χ^2/NDF : 309451.5/9

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

68.806+/-0.028 χ^2/NDF : 257106.6/7

74.271+/-0.029 χ^2/NDF : 309451.5/9

asym_ds_dd_correction_mean vs Slug



Right In: 1.310+/-0.684 χ^2/NDF : 5.6/7

1.310+/-0.684 χ^2/NDF : 5.6/7

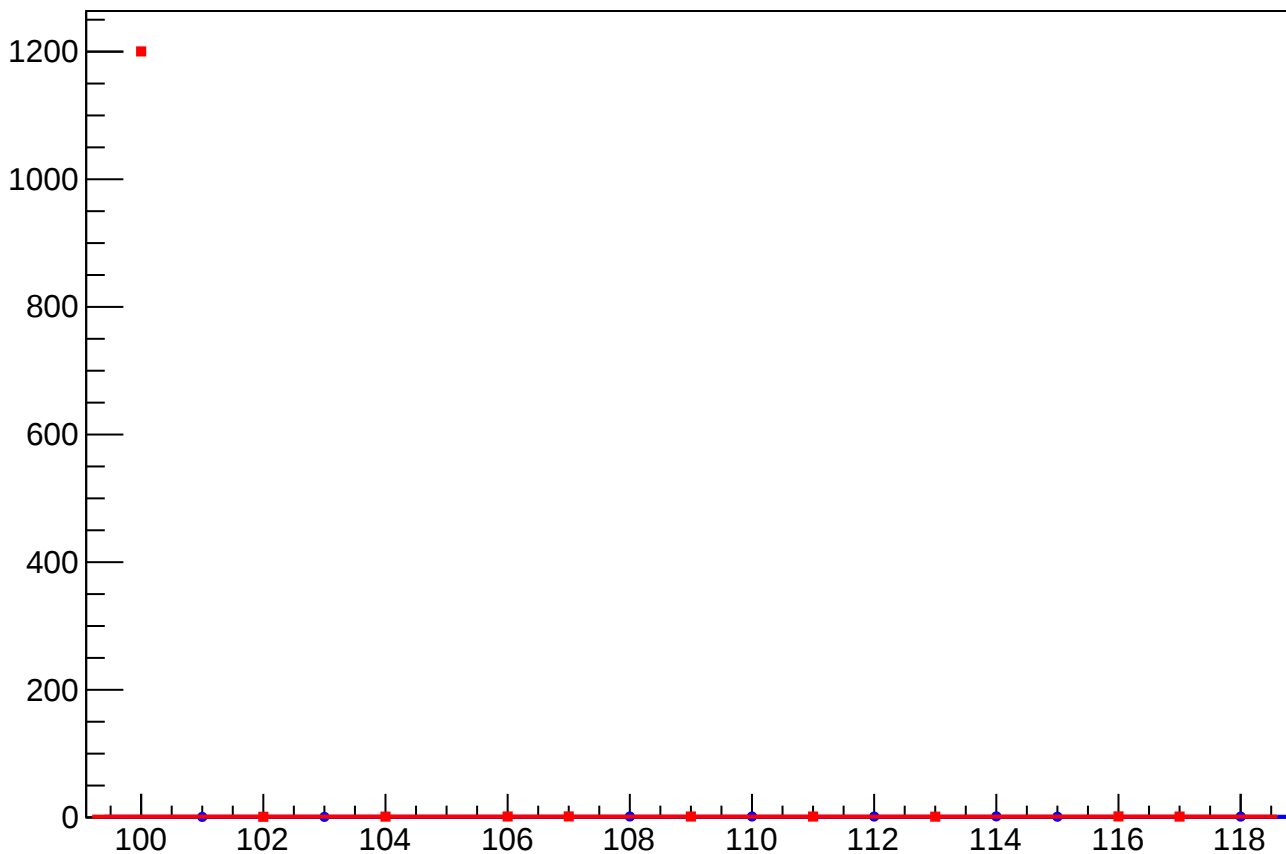
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.237+/-0.762 χ^2/NDF : 6.5/9

-0.237+/-0.762 χ^2/NDF : 6.5/9

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

asym_ds_dd_correction_rms vs Slug



Right In: 1.084+/-0.000 χ^2/NDF : 315870.2/7

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

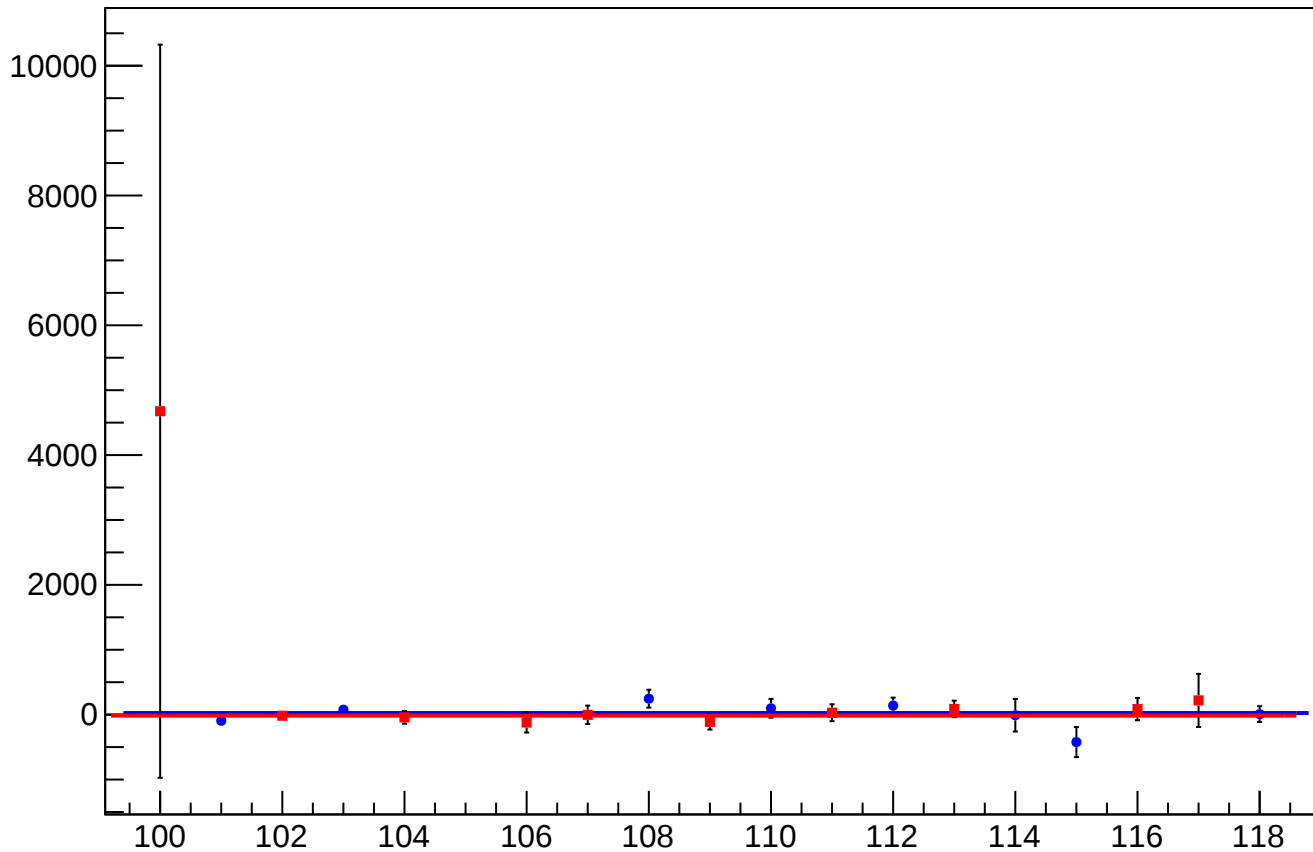
Right Out: 1.306+/-0.001 χ^2/NDF : 277832.9/9

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

1.084+/-0.000 χ^2/NDF : 315870.2/7

1.306+/-0.001 χ^2/NDF : 277832.9/9

asym_ds_dd_mean vs Slug



Right In: 24.695+/-39.843 χ^2/NDF : 10.6/7

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

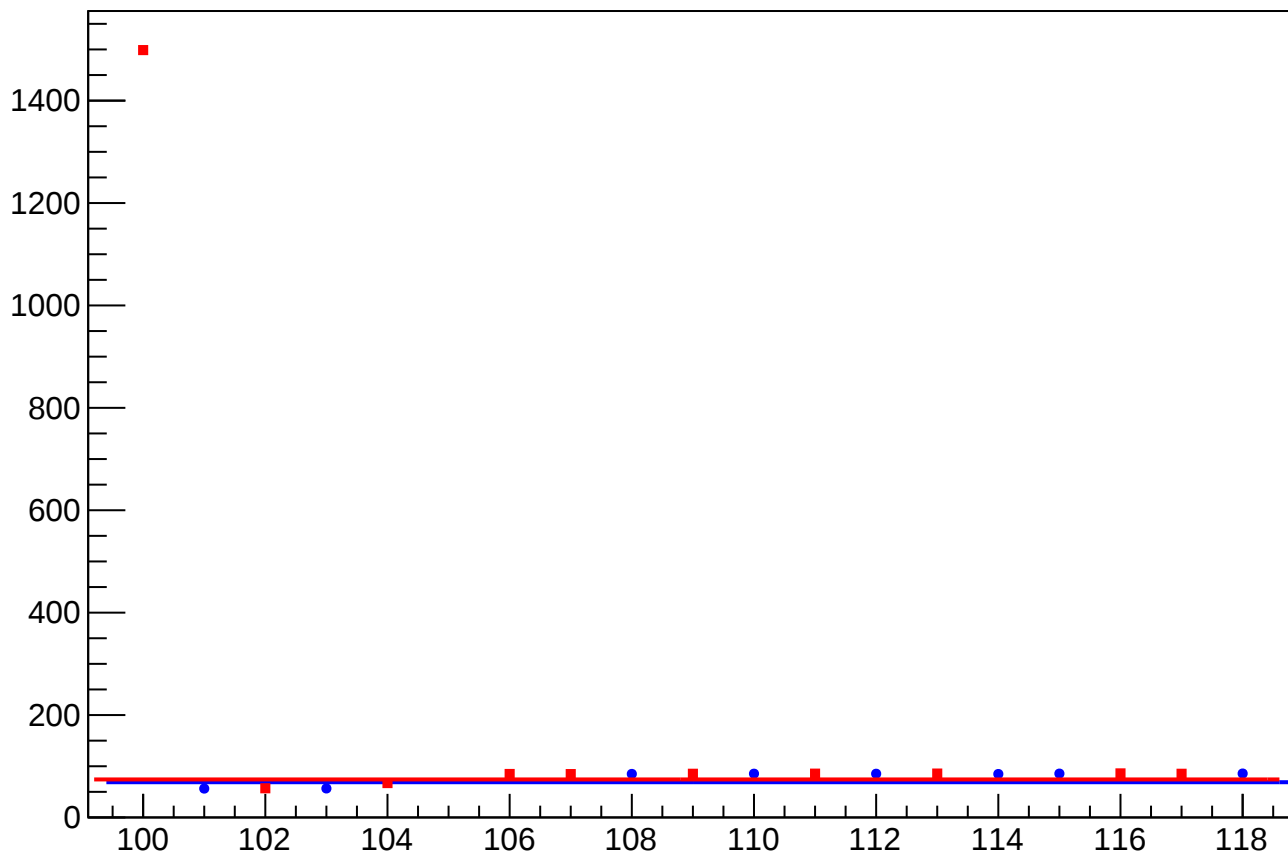
Right Out: -14.984+/-40.926 χ^2/NDF : 3.4/9

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

24.695+/-39.843 χ^2/NDF : 10.6/7

-14.984+/-40.926 χ^2/NDF : 3.4/9

asym_ds_dd_rms vs Slug



Right In: 68.824+/-0.028 χ^2/NDF : 257111.1/7

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

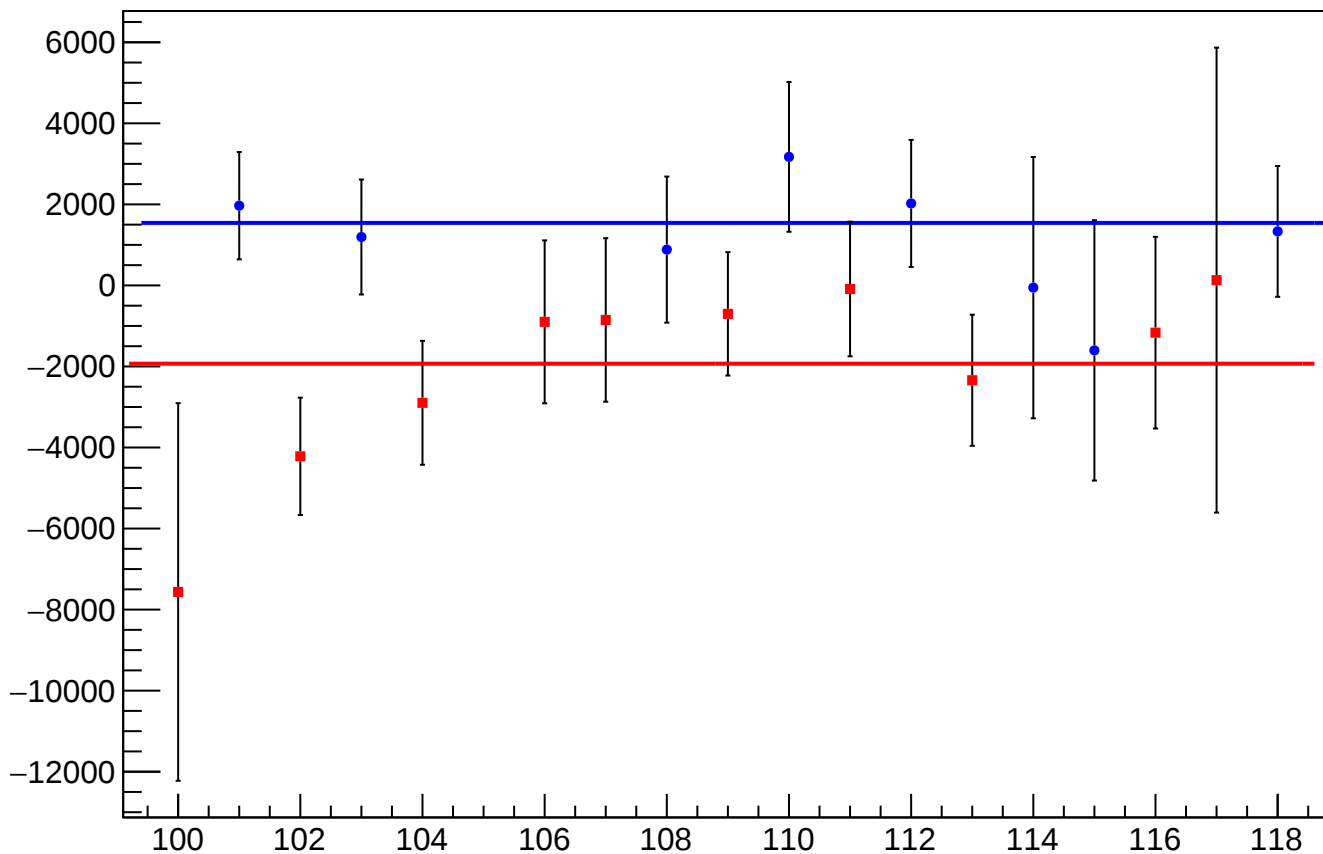
Right Out: 74.245+/-0.029 χ^2/NDF : 318157.3/9

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

68.824+/-0.028 χ^2/NDF : 257111.1/7

74.245+/-0.029 χ^2/NDF : 318157.3/9

reg_asym_usl_mean vs Slug



Right In: 1542.761+/-614.167 χ^2/NDF : 2.4/7

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

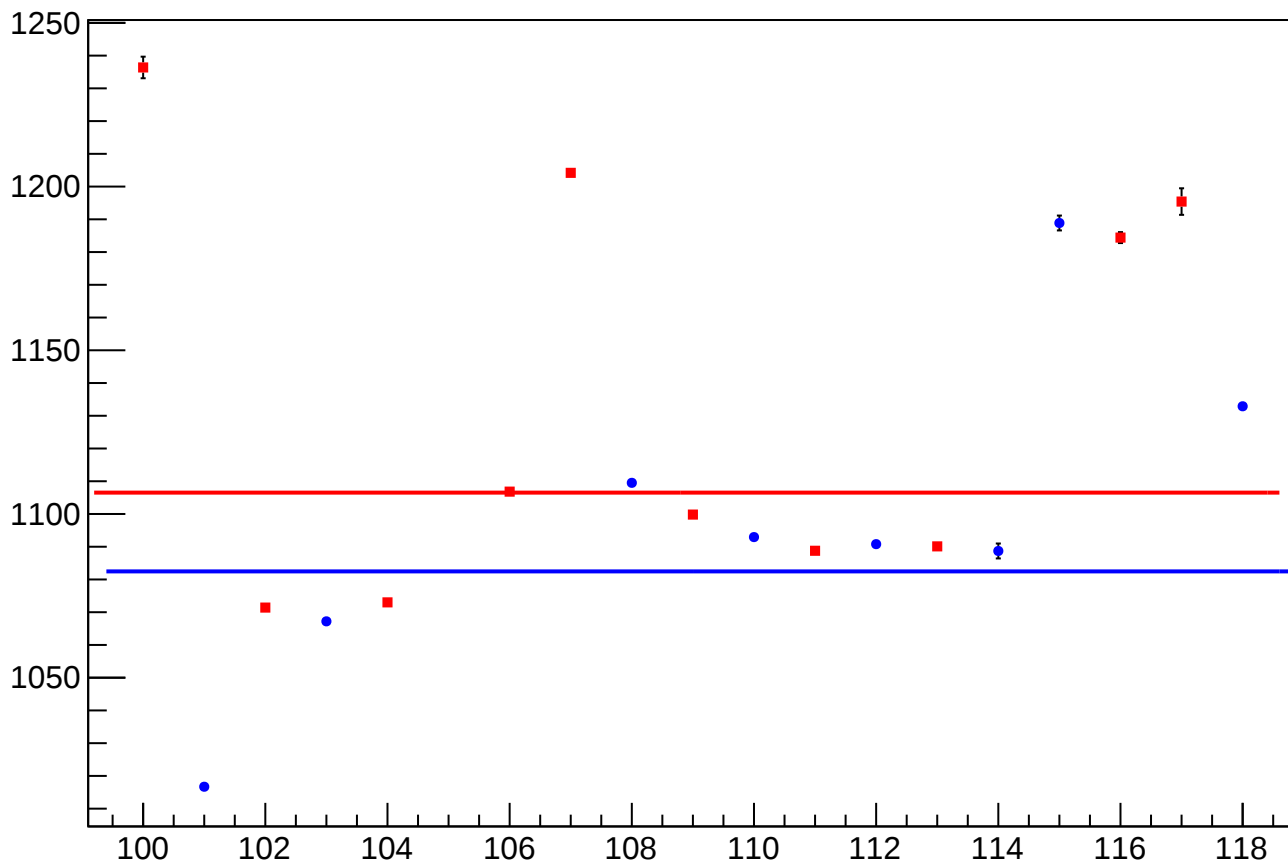
Right Out: -1931.336+/-594.570 χ^2/NDF : 7.1/9

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

1542.761+/-614.167 χ^2/NDF : 2.4/7

-1931.336+/-594.570 χ^2/NDF : 7.1/9

reg_asym_usl_rms vs Slug



Right In: 1082.466 $\pm$ 0.434 χ^2 /NDF: 9885.4/7

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

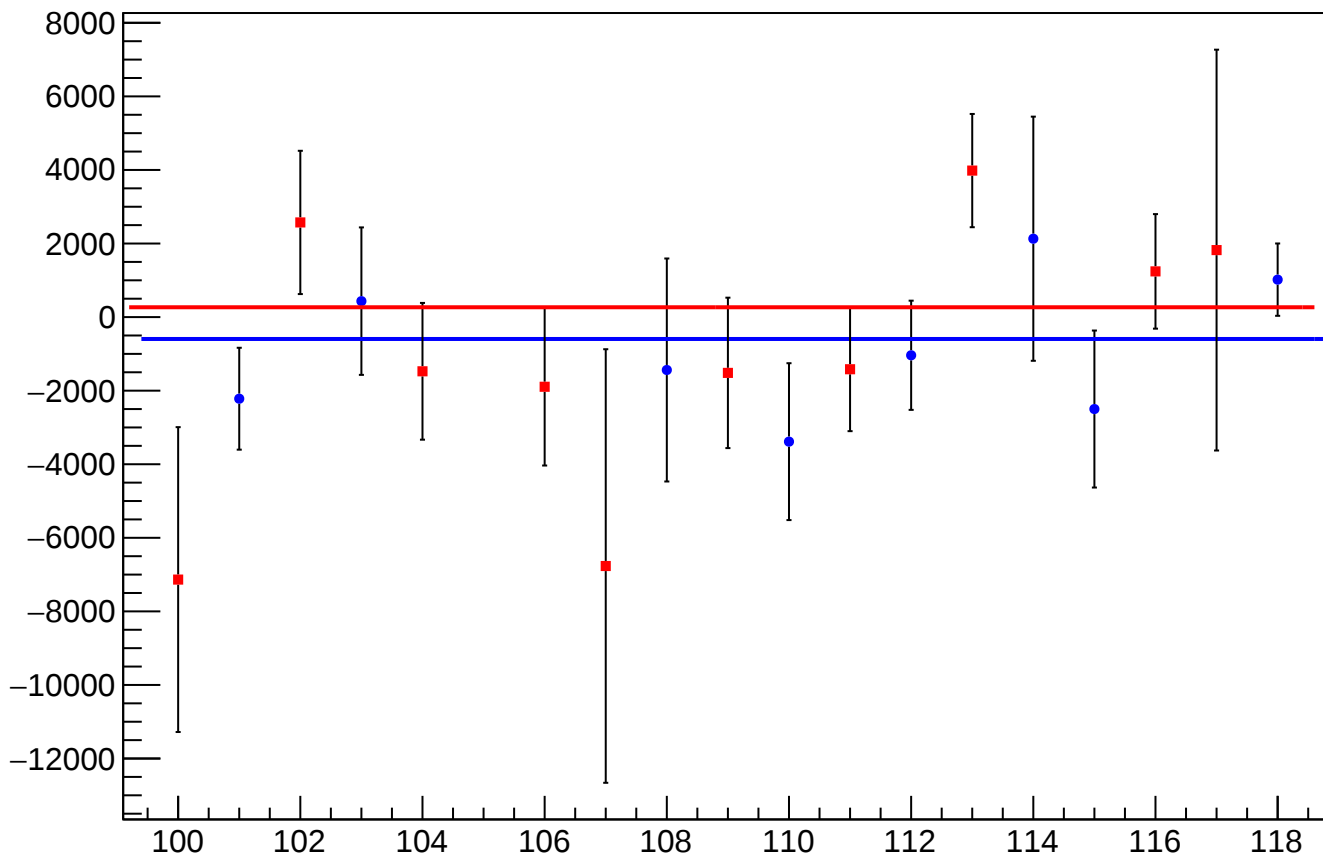
Right Out: 1106.526 $\pm$ 0.420 χ^2 /NDF: 11501.6/9

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

1082.466 $\pm$ 0.434 χ^2 /NDF: 9885.4/7

1106.526 $\pm$ 0.420 χ^2 /NDF: 11501.6/9

asym_usl_correction_mean vs Slug



Right In: -594.797+/-587.441 χ^2 /NDF: 7.7/7

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

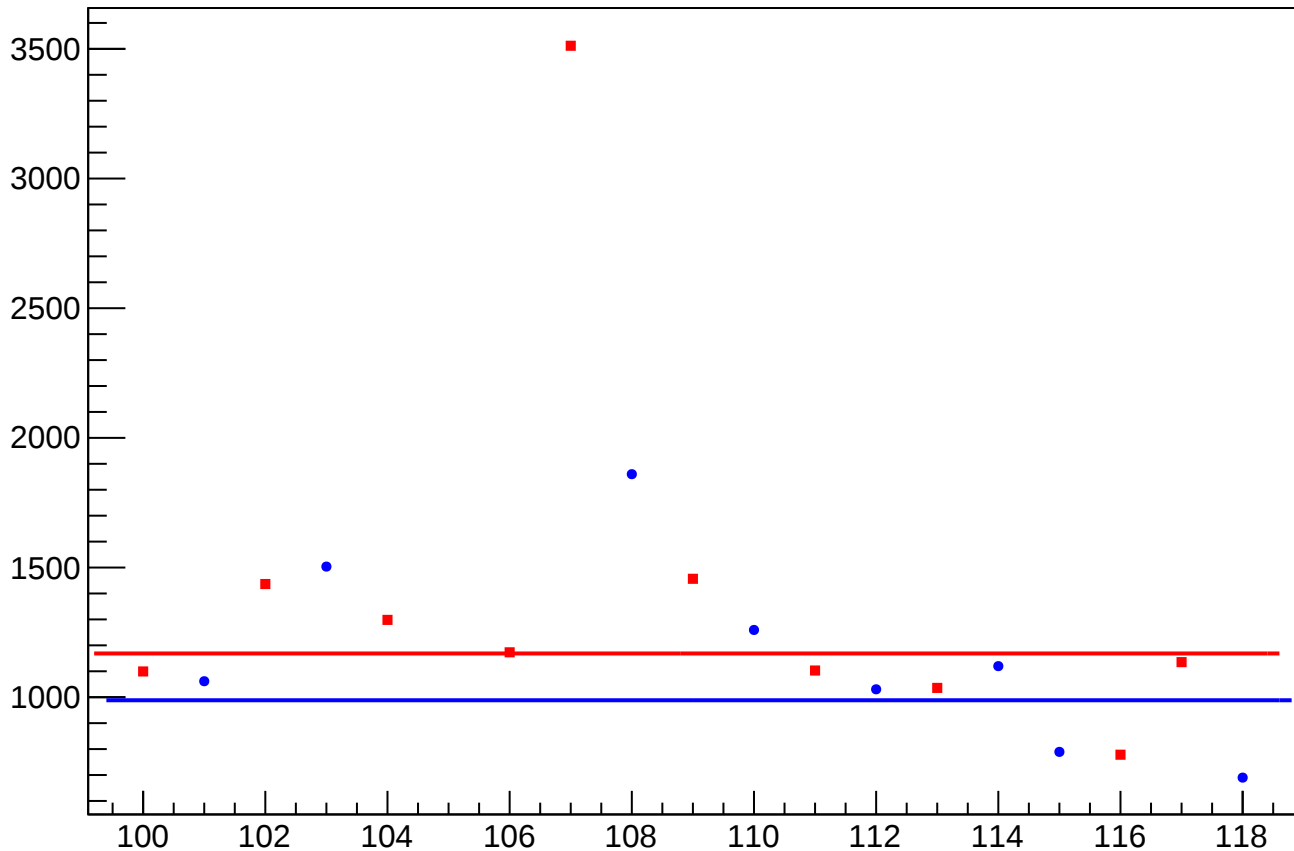
Right Out: 267.294+/-656.710 χ^2 /NDF: 16.0/9

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

-594.797+/-587.441 χ^2 /NDF: 7.7/7

267.294+/-656.710 χ^2 /NDF: 16.0/9

asym_usl_correction_rms vs Slug



Right In: 988.232 $\pm$ 0.415 χ^2 /NDF: 541864.6/7

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

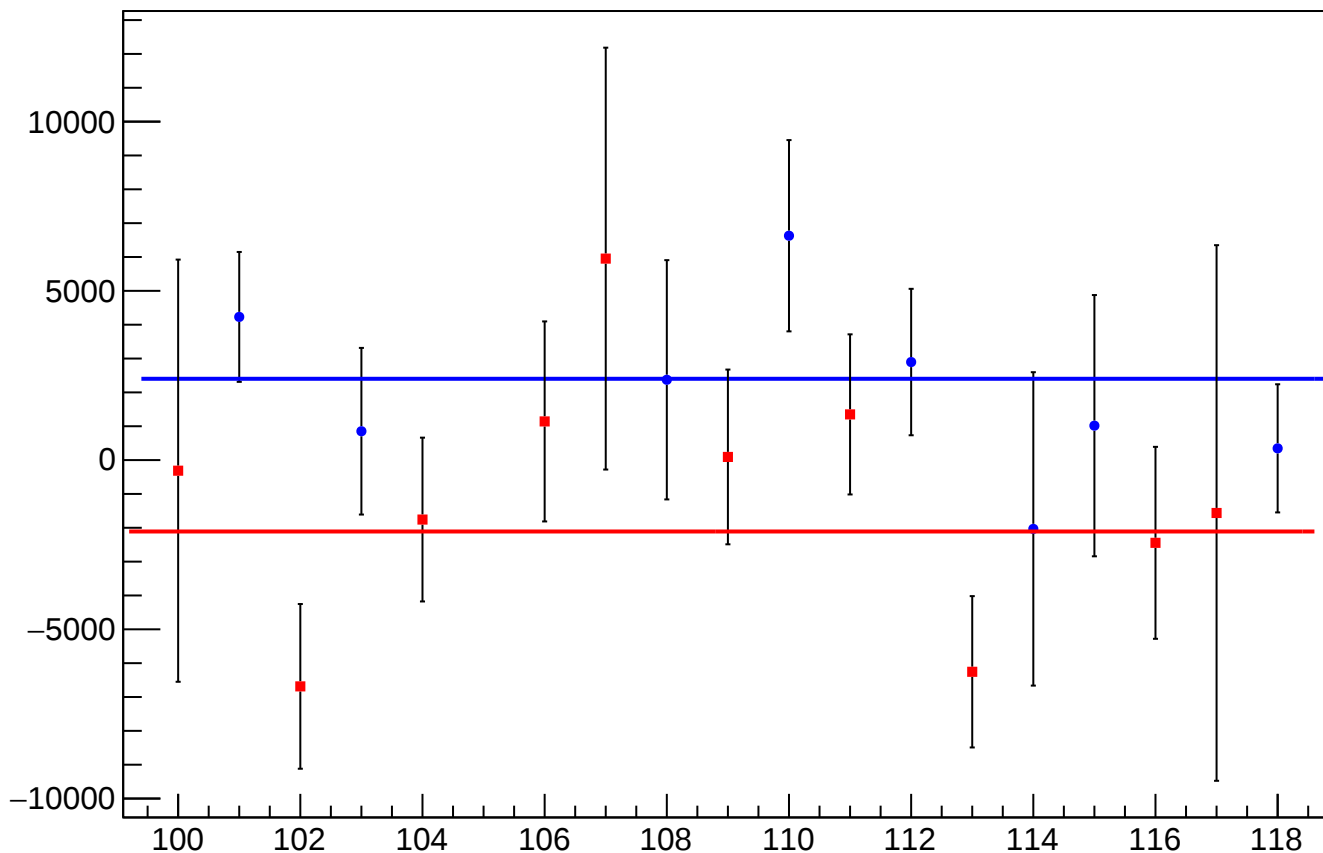
Right Out: 1168.683 $\pm$ 0.464 χ^2 /NDF: 547735.9/9

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

988.232 $\pm$ 0.415 χ^2 /NDF: 541864.6/7

1168.683 $\pm$ 0.464 χ^2 /NDF: 547735.9/9

asym_usl_mean vs Slug



Right In: 2402.126+/-895.014 χ^2/NDF : 5.8/7

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

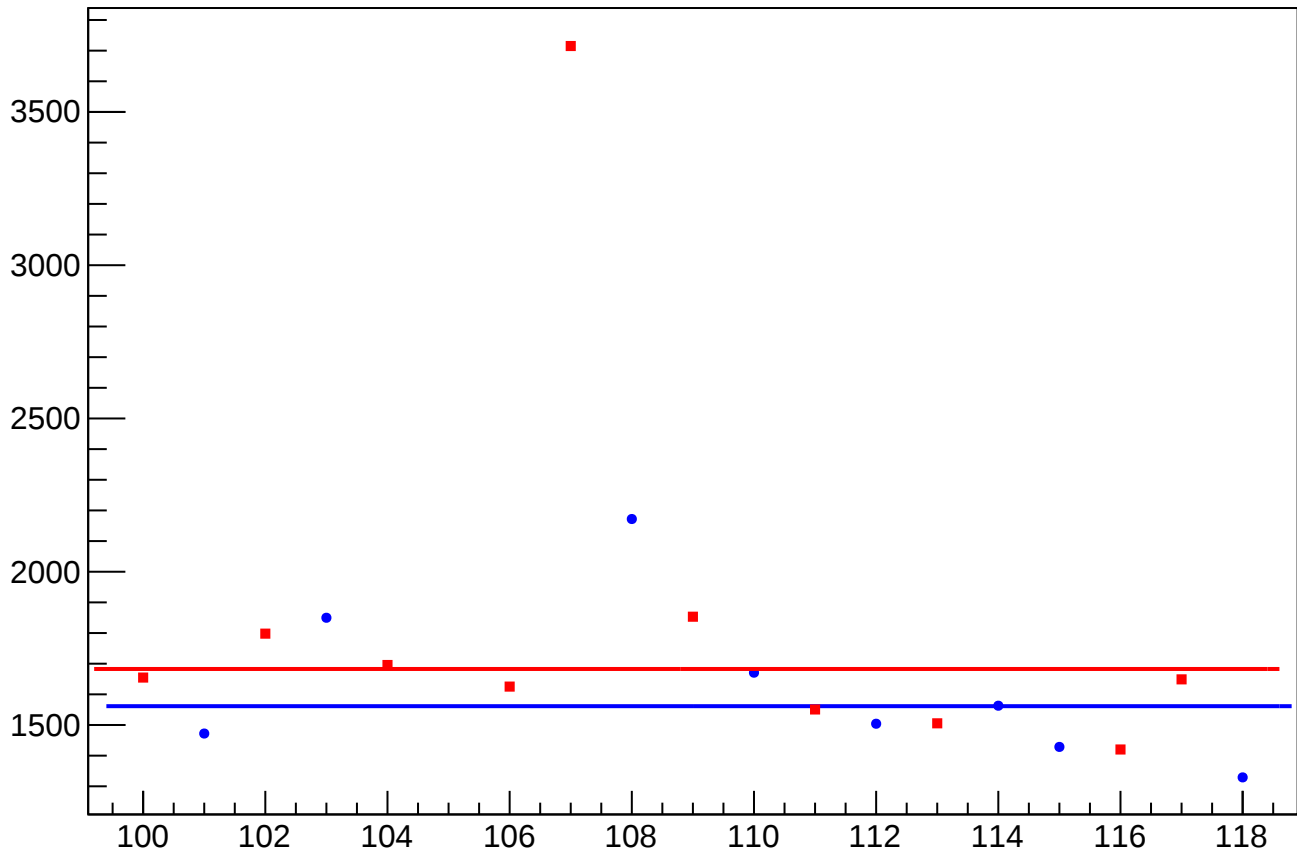
Right Out: -2109.598+/-922.611 χ^2/NDF : 12.8/9

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

2402.126+/-895.014 χ^2/NDF : 5.8/7

-2109.598+/-922.611 χ^2/NDF : 12.8/9

asym_usl_rms vs Slug



Right In: 1561.398 $\pm$ 0.633 χ^2 /NDF: 128350.2/7

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

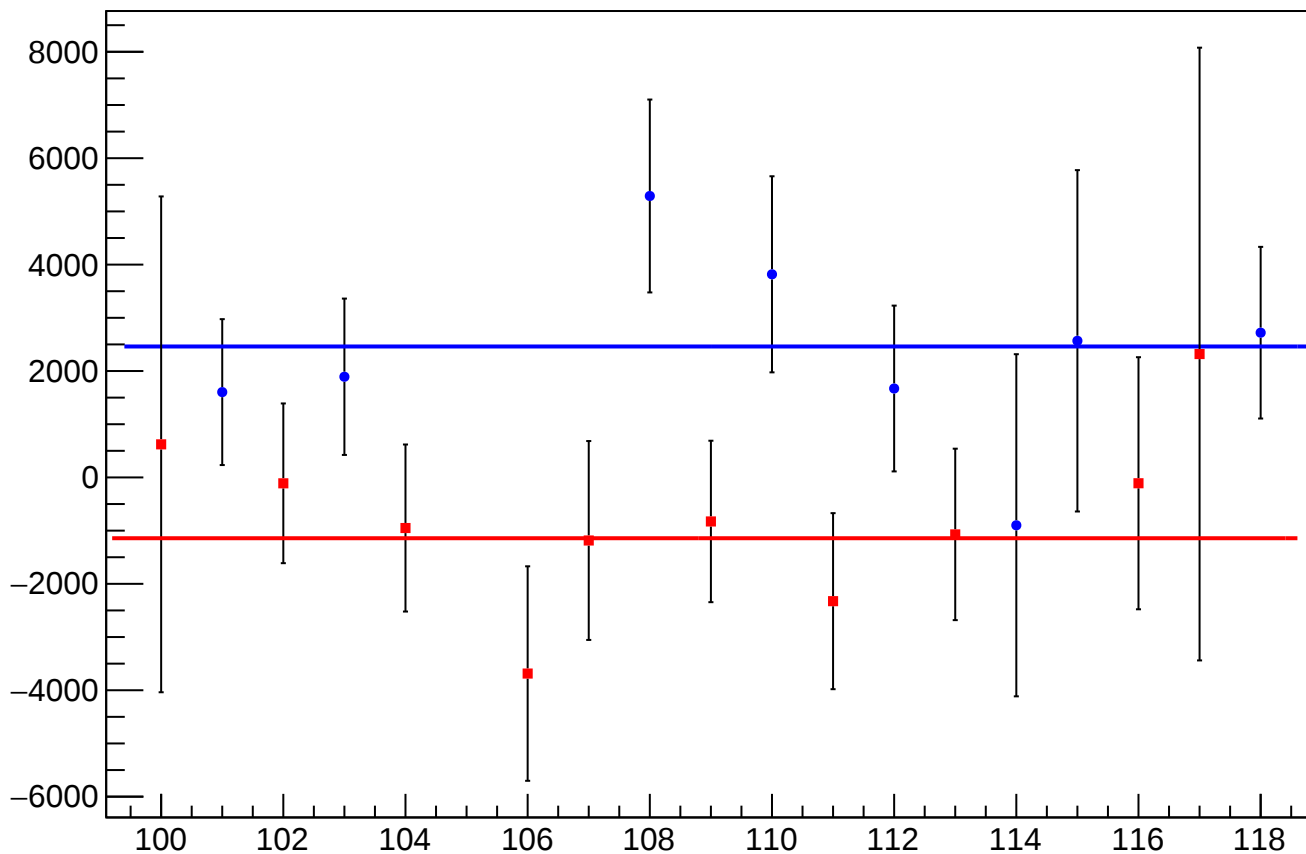
Right Out: 1682.767 $\pm$ 0.652 χ^2 /NDF: 262760.3/9

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

1561.398 $\pm$ 0.633 χ^2 /NDF: 128350.2/7

1682.767 $\pm$ 0.652 χ^2 /NDF: 262760.3/9

reg_asym_usr_mean vs Slug



Right In: 2461.237+/-622.106 χ^2/NDF : 4.9/7

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

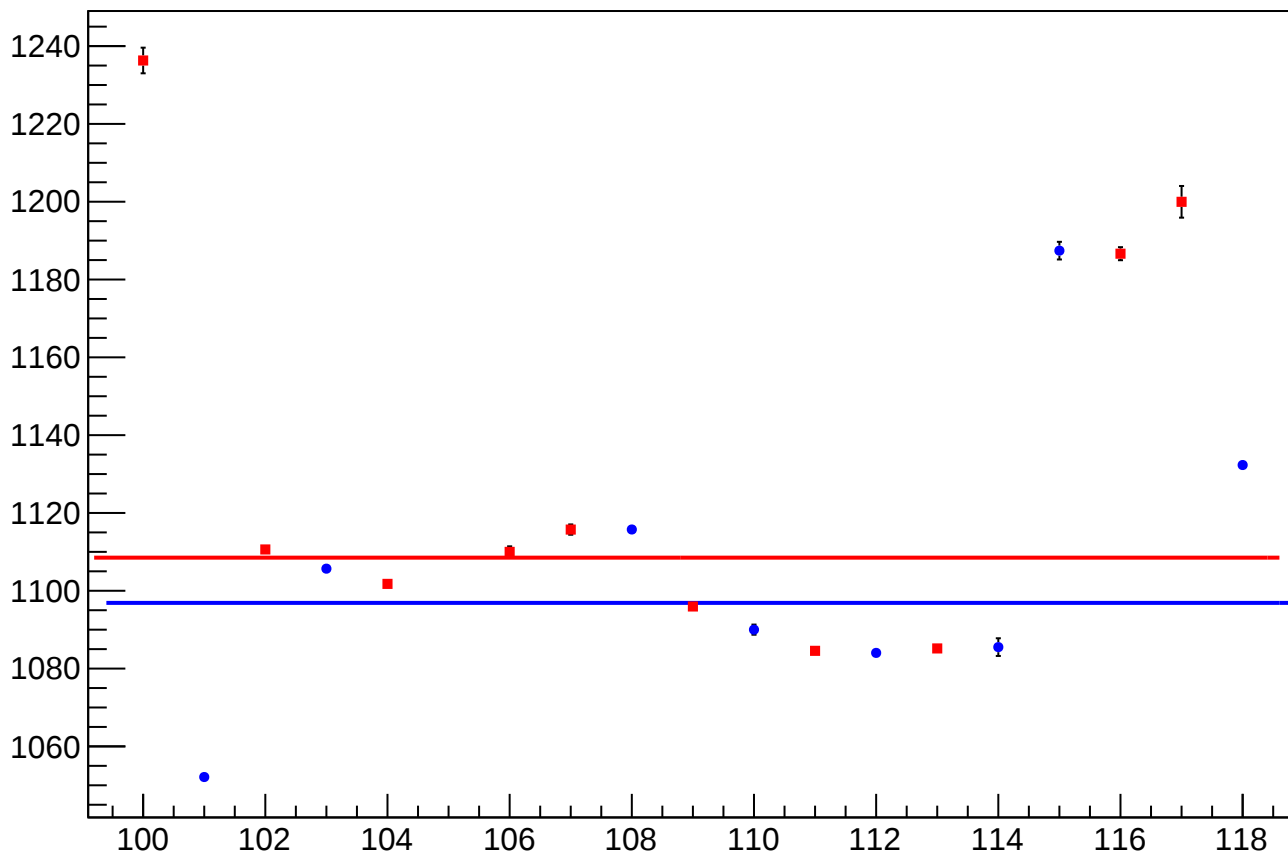
Right Out: -1142.793+/-595.362 χ^2/NDF : 3.3/9

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

2461.237+/-622.106 χ^2/NDF : 4.9/7

-1142.793+/-595.362 χ^2/NDF : 3.3/9

reg_asym_usr_rms vs Slug



Right In: 1096.886 $\pm$ 0.440 χ^2 /NDF: 5166.5/7

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

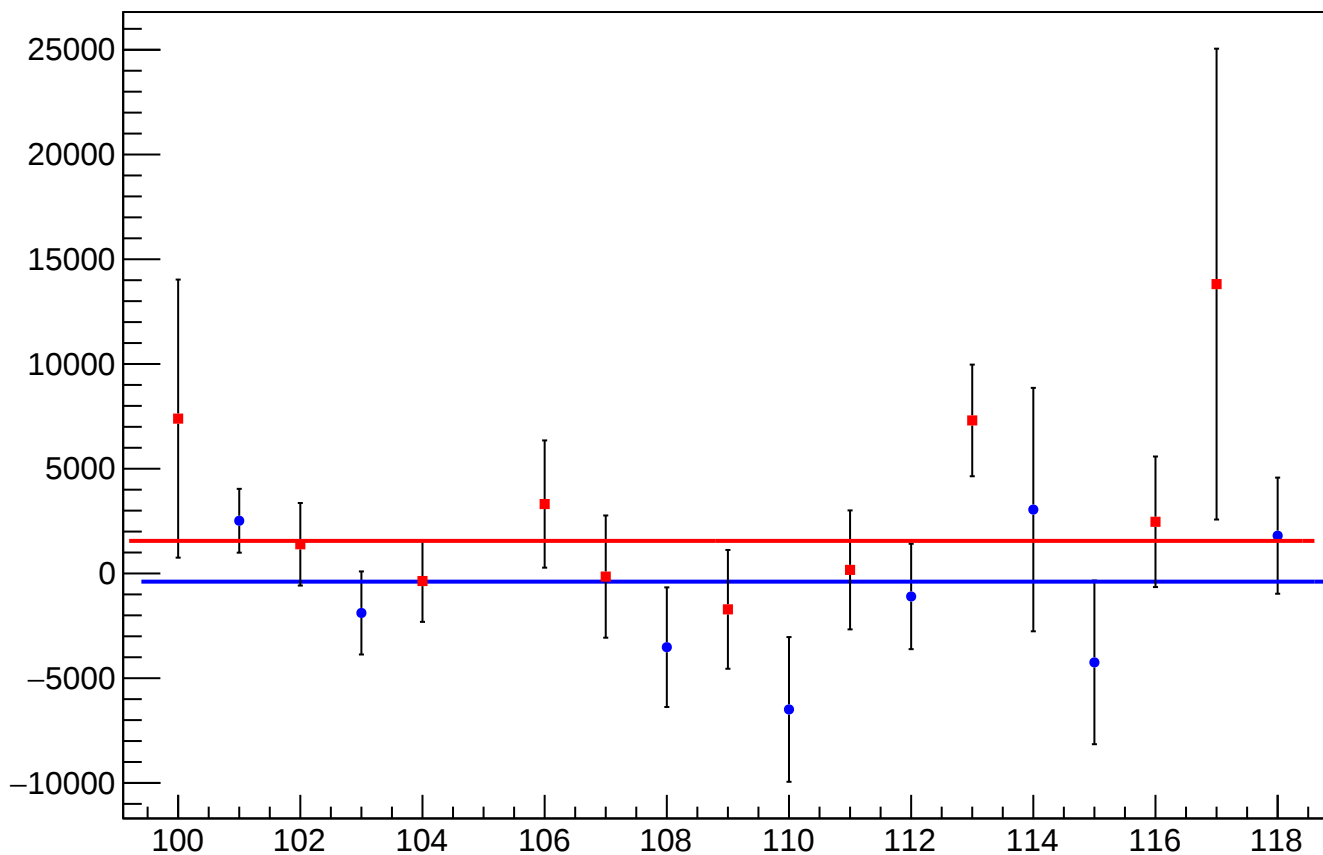
Right Out: 1108.514 $\pm$ 0.421 χ^2 /NDF: 5231.2/9

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

1096.886 $\pm$ 0.440 χ^2 /NDF: 5166.5/7

1108.514 $\pm$ 0.421 χ^2 /NDF: 5231.2/9

asym_usr_correction_mean vs Slug



Right In: -390.655+/-885.593 χ^2 /NDF: 10.6/7

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

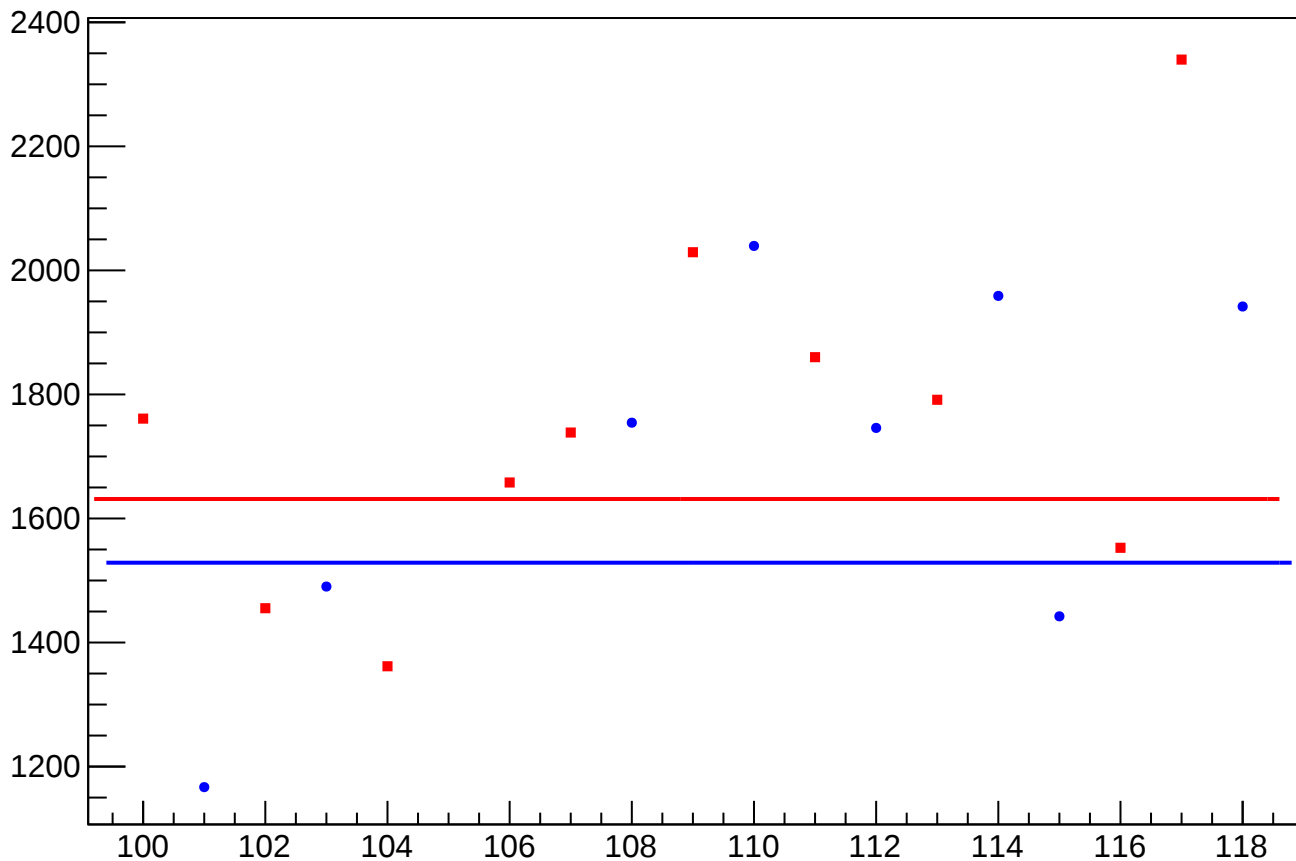
Right Out: 1555.181+/-887.636 χ^2 /NDF: 9.9/9

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

-390.655+/-885.593 χ^2 /NDF: 10.6/7

1555.181+/-887.636 χ^2 /NDF: 9.9/9

asym_usr_correction_rms vs Slug



Right In: 1528.704+/-0.626 χ^2/NDF : 241084.0/7

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

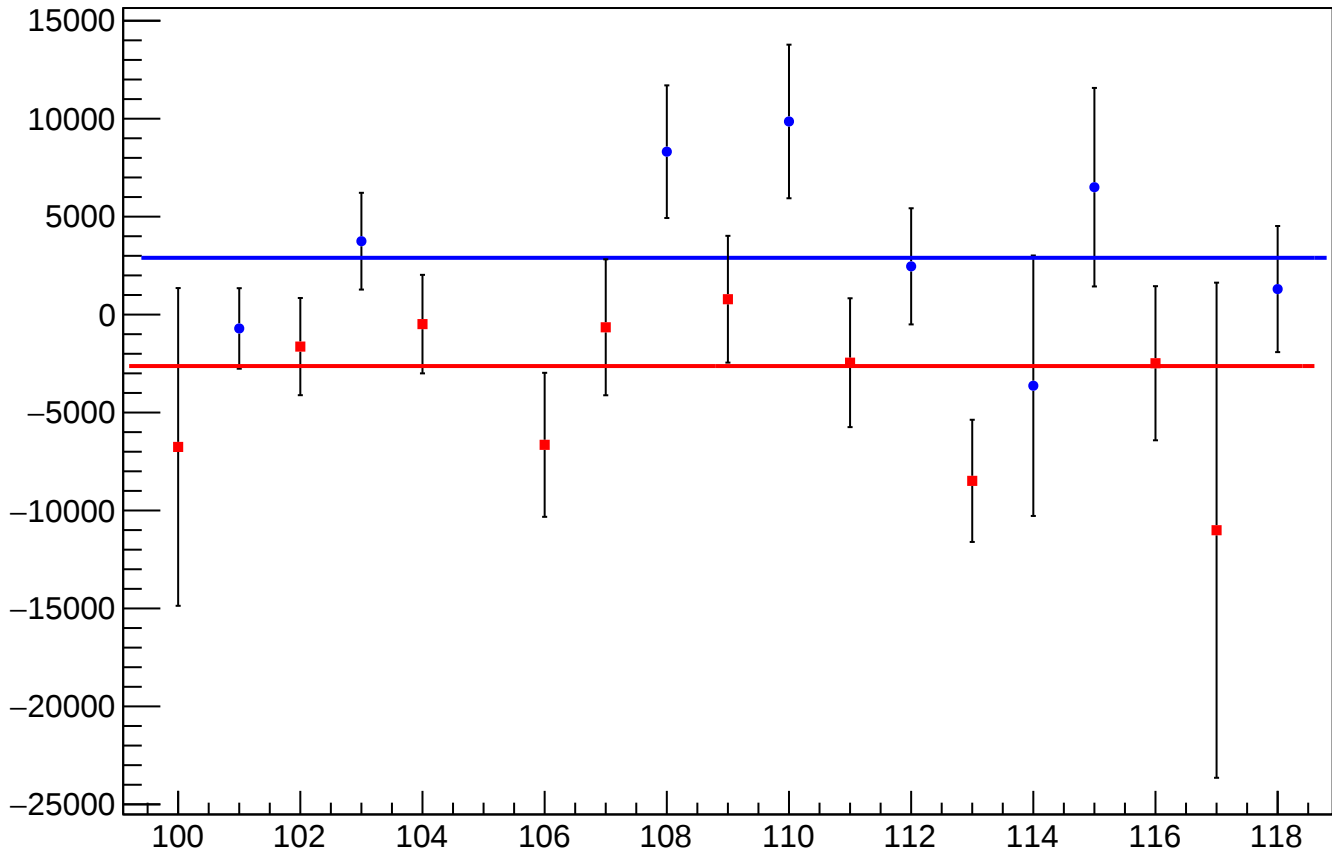
Right Out: 1631.404+/-0.628 χ^2/NDF : 126611.2/9

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

1528.704+/-0.626 χ^2/NDF : 241084.0/7

1631.404+/-0.628 χ^2/NDF : 126611.2/9

asym_usr_mean vs Slug



Right In: 2898.270+/-1101.003 χ^2/NDF : 10.6/7

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

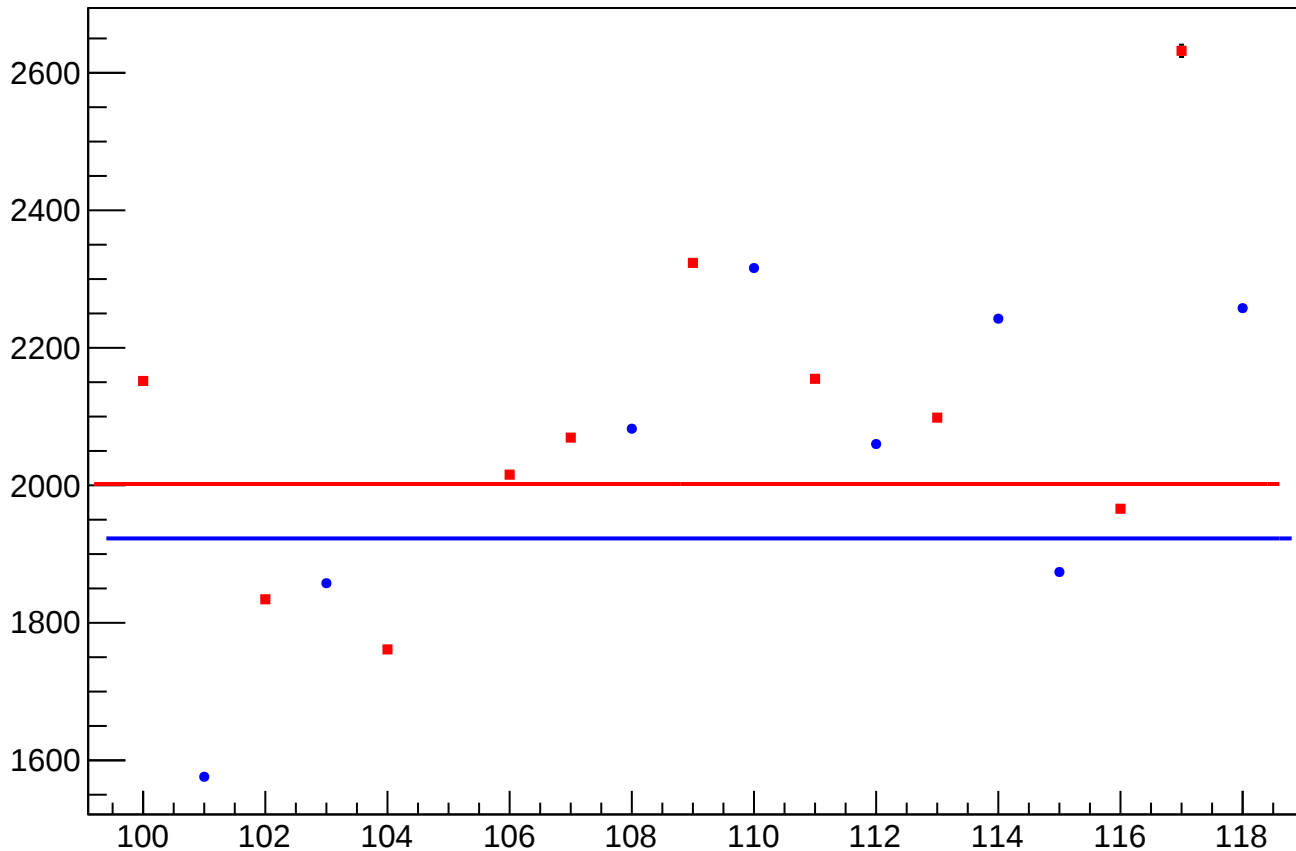
Right Out: -2626.917+/-1081.750 χ^2/NDF : 7.8/9

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

2898.270+/-1101.003 χ^2/NDF : 10.6/7

-2626.917+/-1081.750 χ^2/NDF : 7.8/9

asym_usr_rms vs Slug



Right In: 1922.766 $\pm$ 0.779 χ^2 /NDF: 113665.0/7

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

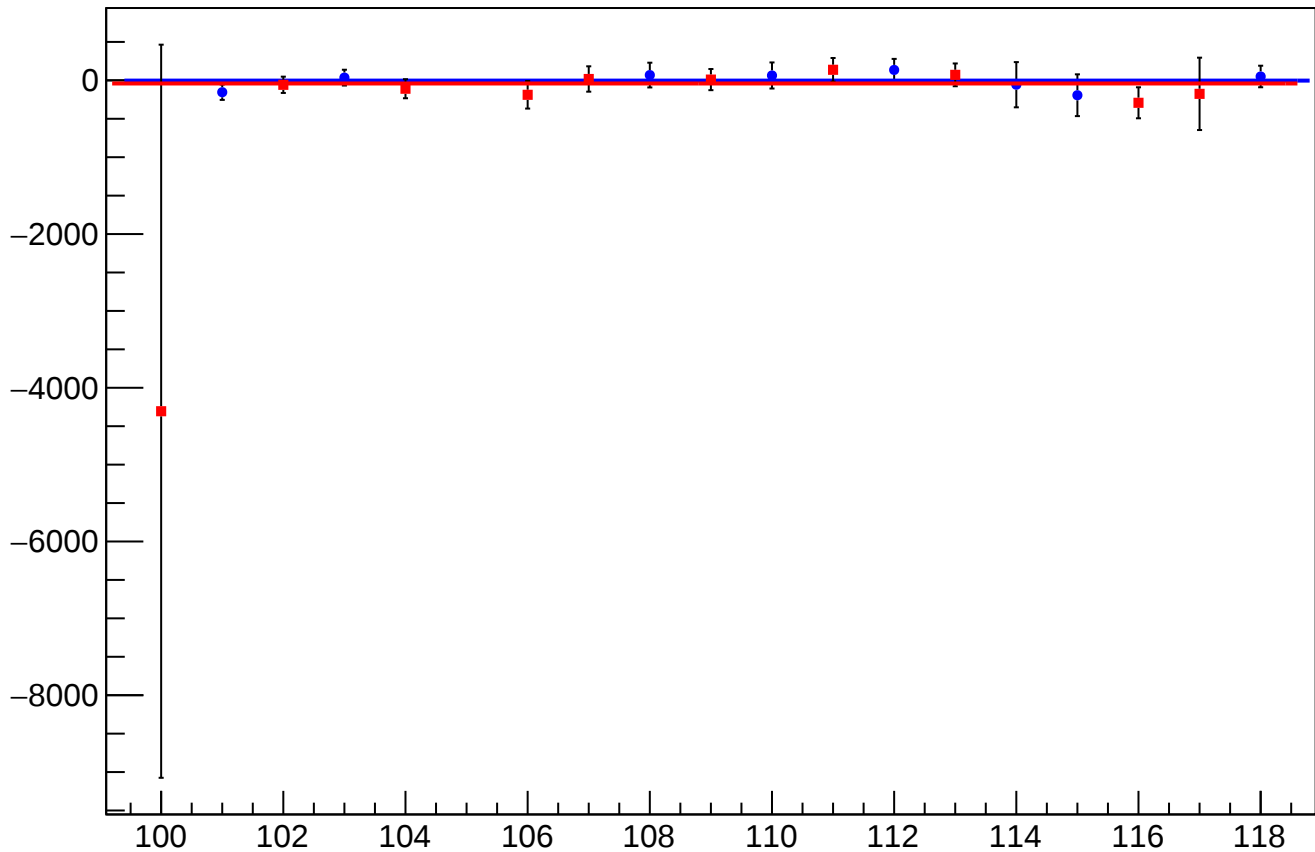
Right Out: 2001.936 $\pm$ 0.765 χ^2 /NDF: 60054.0/9

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

1922.766 $\pm$ 0.779 χ^2 /NDF: 113665.0/7

2001.936 $\pm$ 0.765 χ^2 /NDF: 60054.0/9

reg_asym_dsl_mean vs Slug



Right In: -3.334+/-50.518 χ^2/NDF : 4.4/7

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

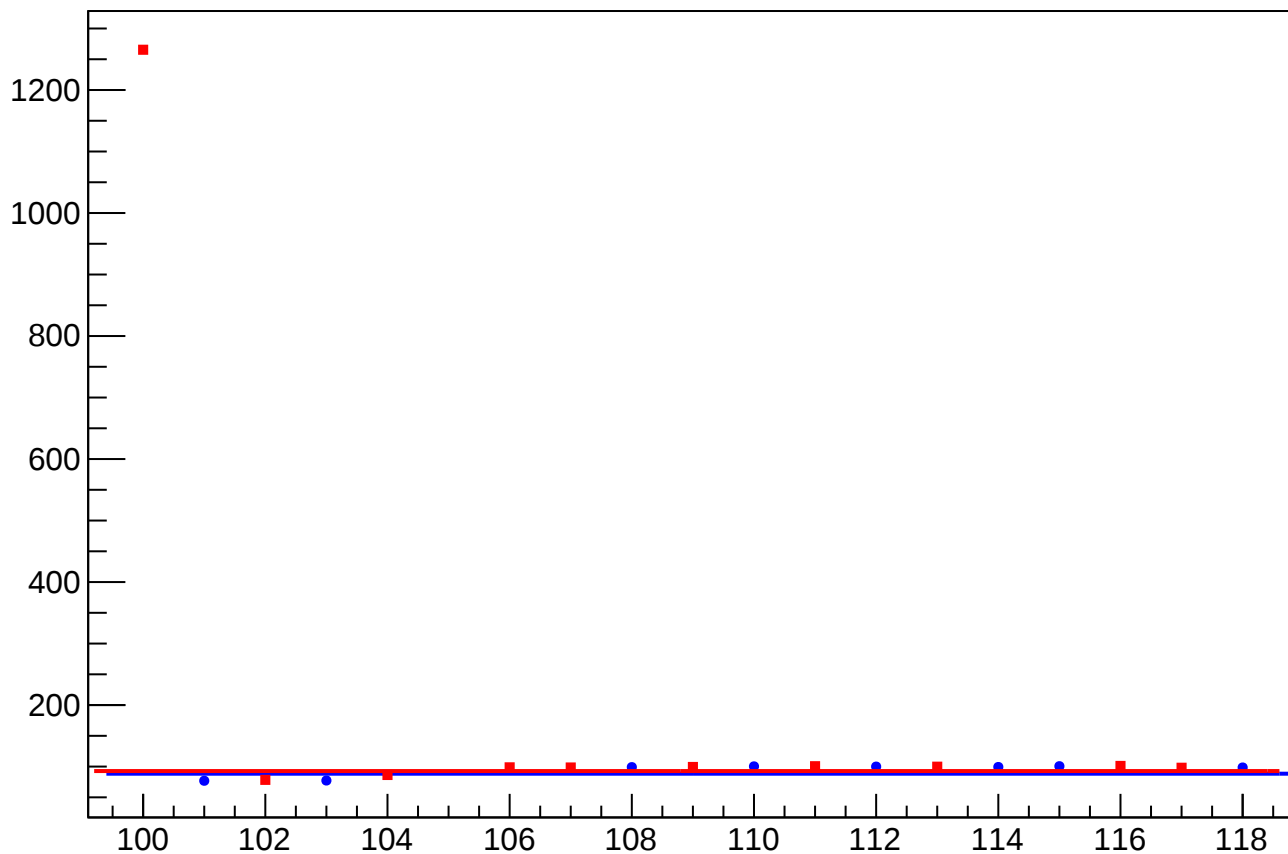
Right Out: -40.846+/-50.510 χ^2/NDF : 5.6/9

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

-3.334+/-50.518 χ^2/NDF : 4.4/7

-40.846+/-50.510 χ^2/NDF : 5.6/9

reg_asym_dsl_rms vs Slug



Right In: 88.419+/-0.036 χ^2/NDF : 98004.4/7

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

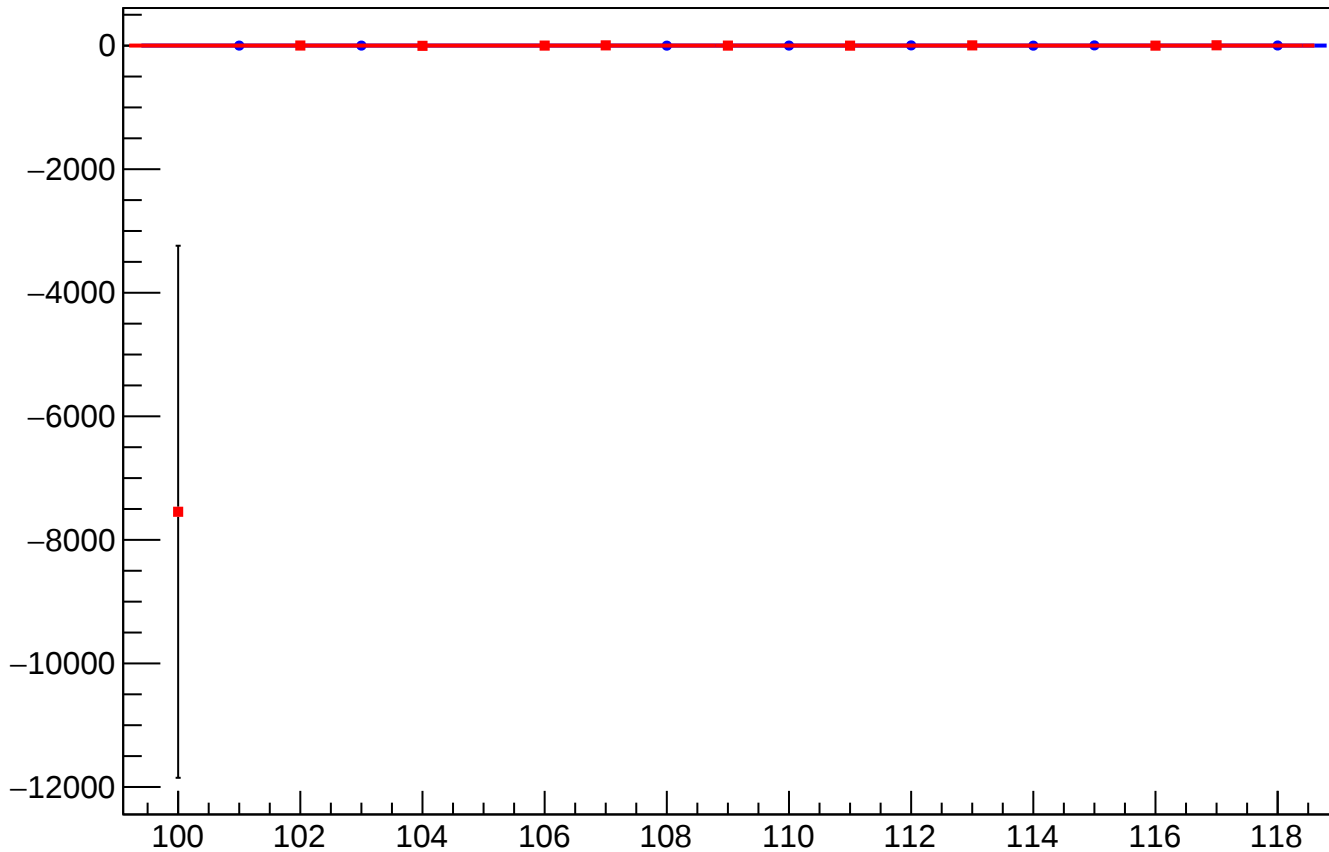
Right Out: 92.719+/-0.036 χ^2/NDF : 185528.2/9

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

88.419+/-0.036 χ^2/NDF : 98004.4/7

92.719+/-0.036 χ^2/NDF : 185528.2/9

asym_dsl_correction_mean vs Slug



Right In: 1.328+/-0.800 χ^2/NDF : 2.3/7

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

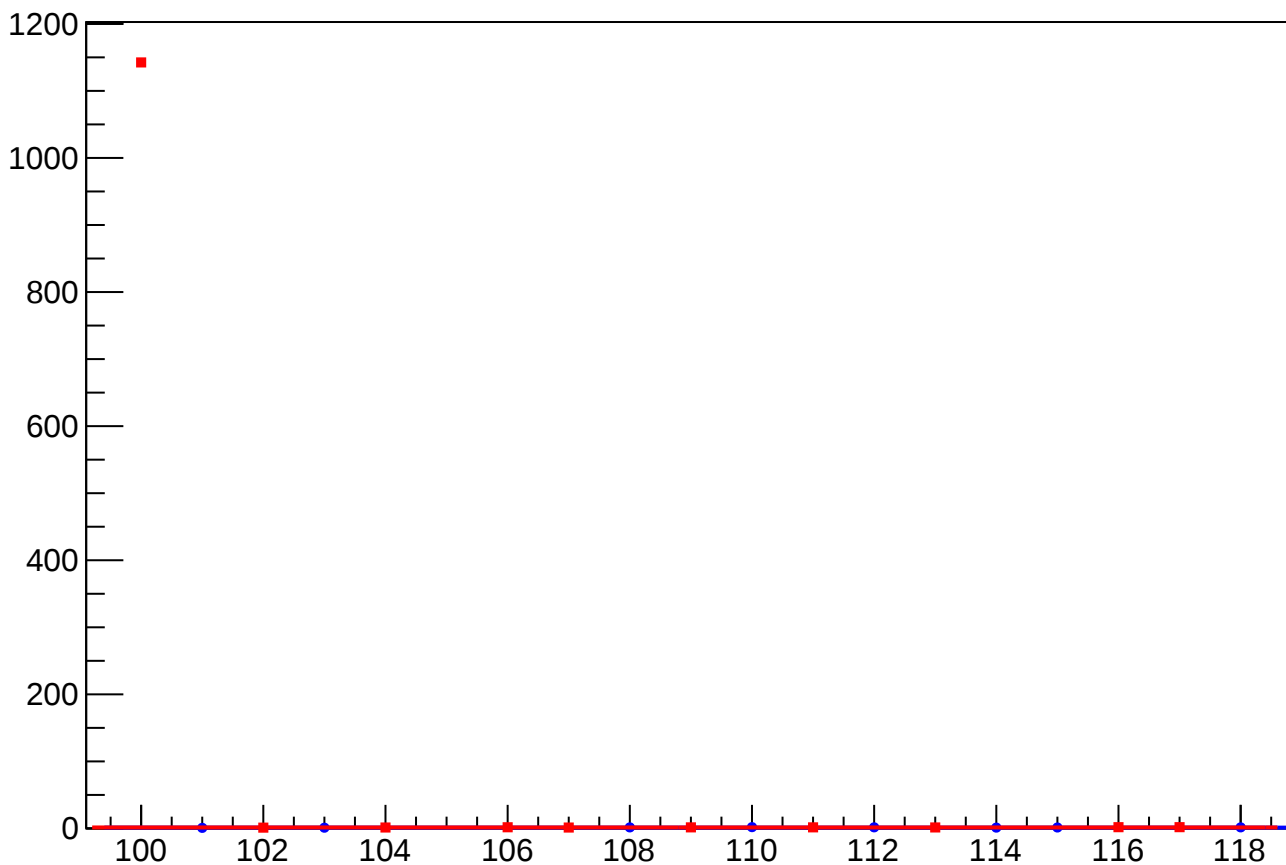
Right Out: 1.266+/-0.879 χ^2/NDF : 10.8/9

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

1.328+/-0.800 χ^2/NDF : 2.3/7

1.266+/-0.879 χ^2/NDF : 10.8/9

asym_dsl_correction_rms vs Slug



Right In: 1.237 $\pm$ 0.001 χ^2 /NDF: 374995.4/7

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

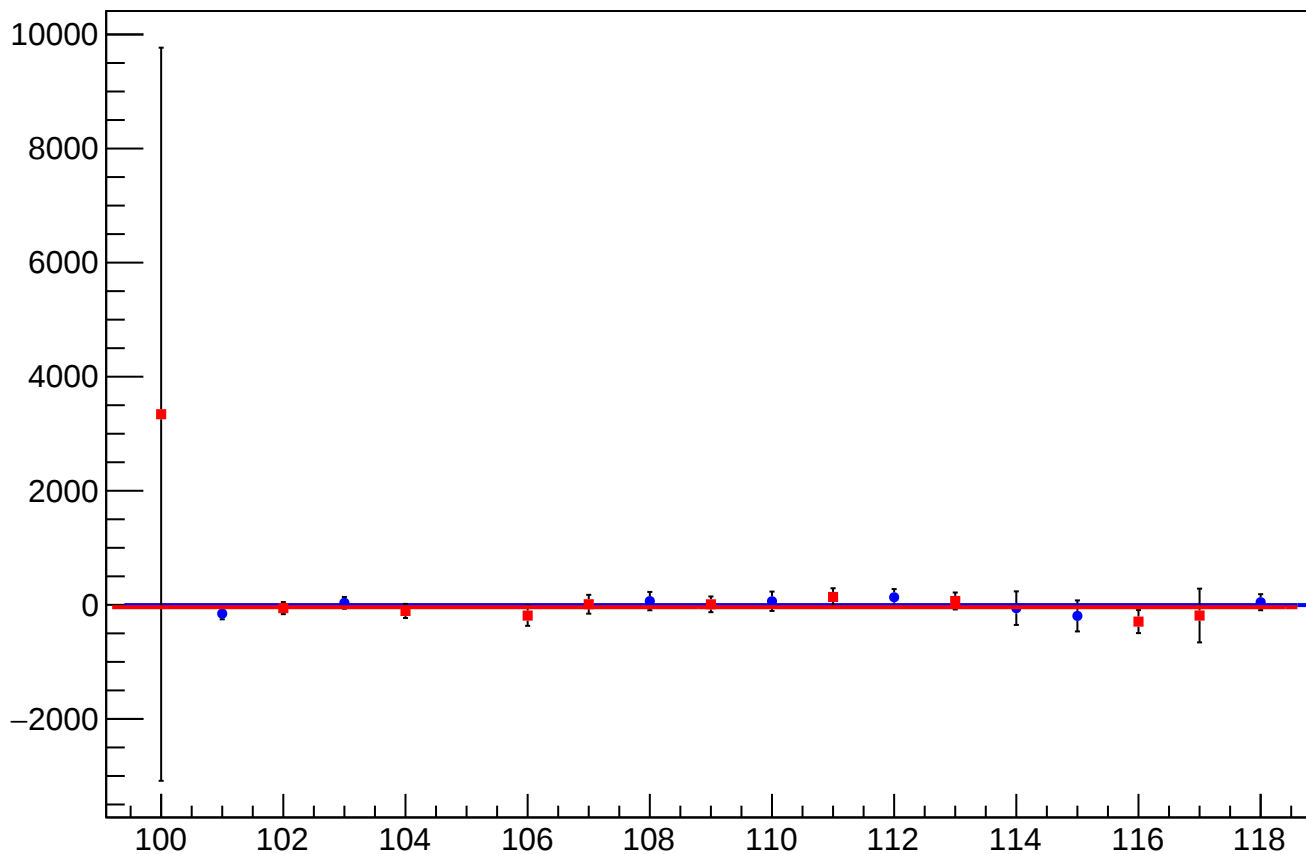
Right Out: 1.481 $\pm$ 0.001 χ^2 /NDF: 243467.4/9

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

1.237 $\pm$ 0.001 χ^2 /NDF: 374995.4/7

1.481 $\pm$ 0.001 χ^2 /NDF: 243467.4/9

asym_dsl_mean vs Slug



Right In: -4.291+/-50.531 χ^2/NDF : 4.3/7

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

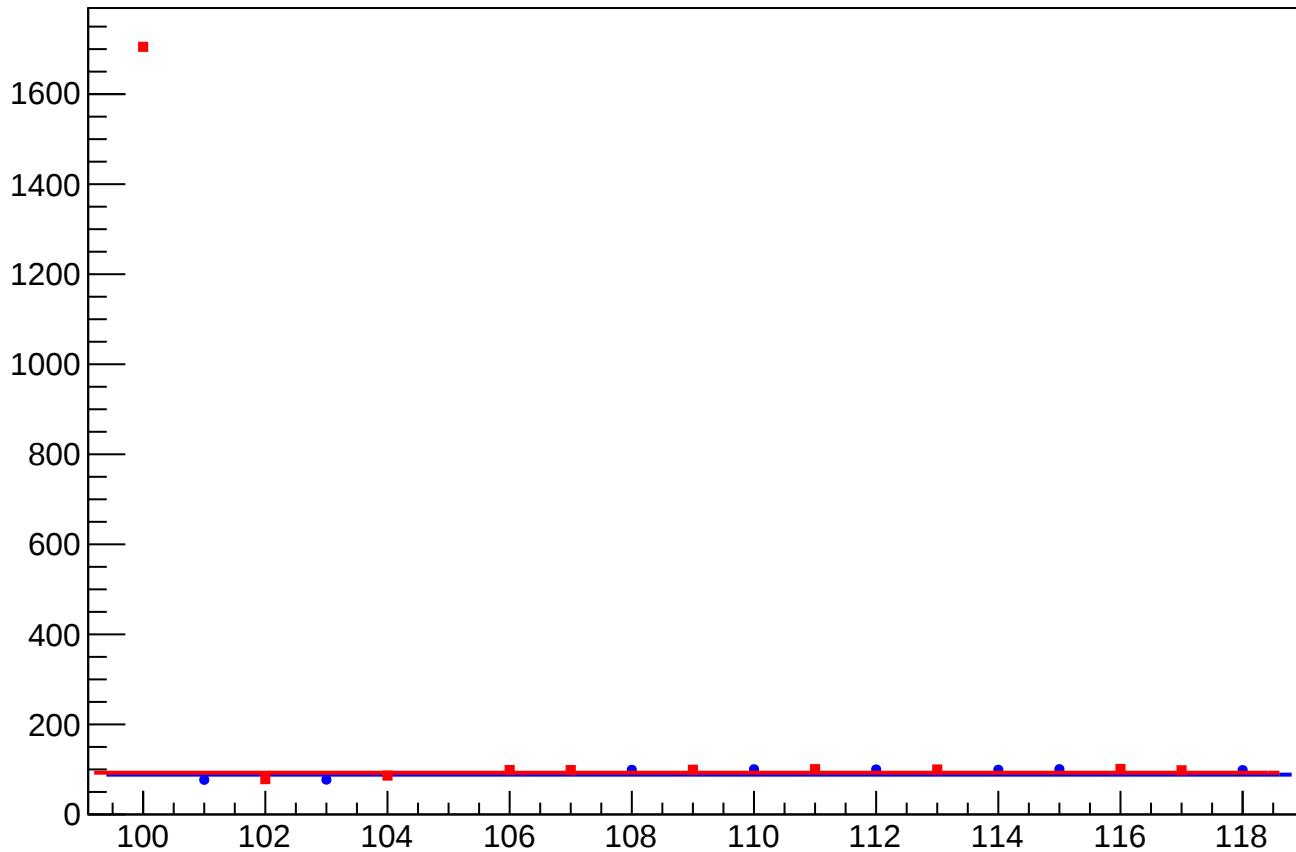
Right Out: -41.082+/-50.524 χ^2/NDF : 5.1/9

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

-4.291+/-50.531 χ^2/NDF : 4.3/7

-41.082+/-50.524 χ^2/NDF : 5.1/9

asym_dsl_rms vs Slug



Right In: 88.441+/-0.036 χ^2/NDF : 98012.0/7

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

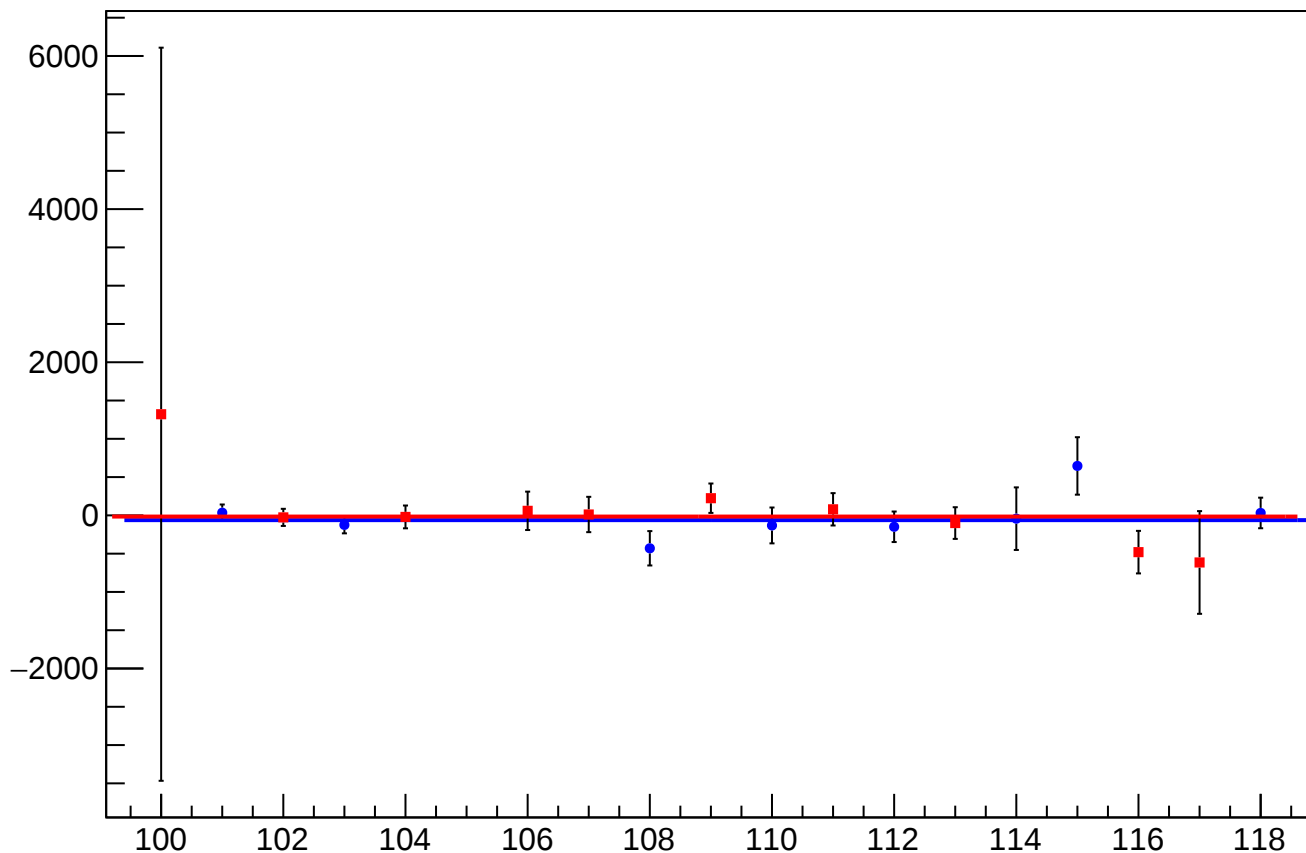
Right Out: 92.712+/-0.036 χ^2/NDF : 190481.1/9

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

88.441+/-0.036 χ^2/NDF : 98012.0/7

92.712+/-0.036 χ^2/NDF : 190481.1/9

reg_asym_dsr_mean vs Slug



Right In: -62.240 $\pm$ 60.782 χ^2 /NDF: 7.9/7

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

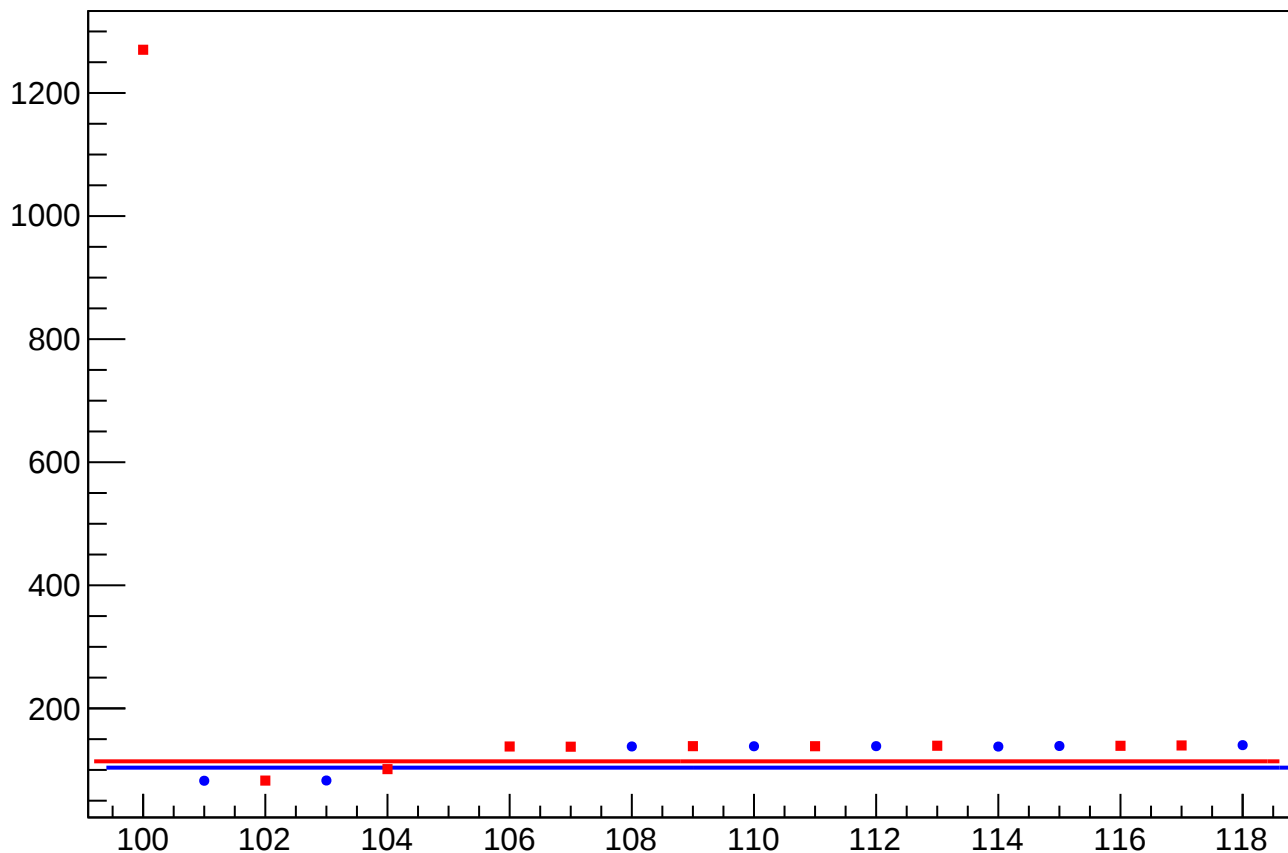
Right Out: -15.523 $\pm$ 63.508 χ^2 /NDF: 5.7/9

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

-62.240 $\pm$ 60.782 χ^2 /NDF: 7.9/7

-15.523 $\pm$ 63.508 χ^2 /NDF: 5.7/9

reg_asym_dsr_rms vs Slug



Right In: 103.704+/-0.043 χ^2/NDF : 402045.0/7

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

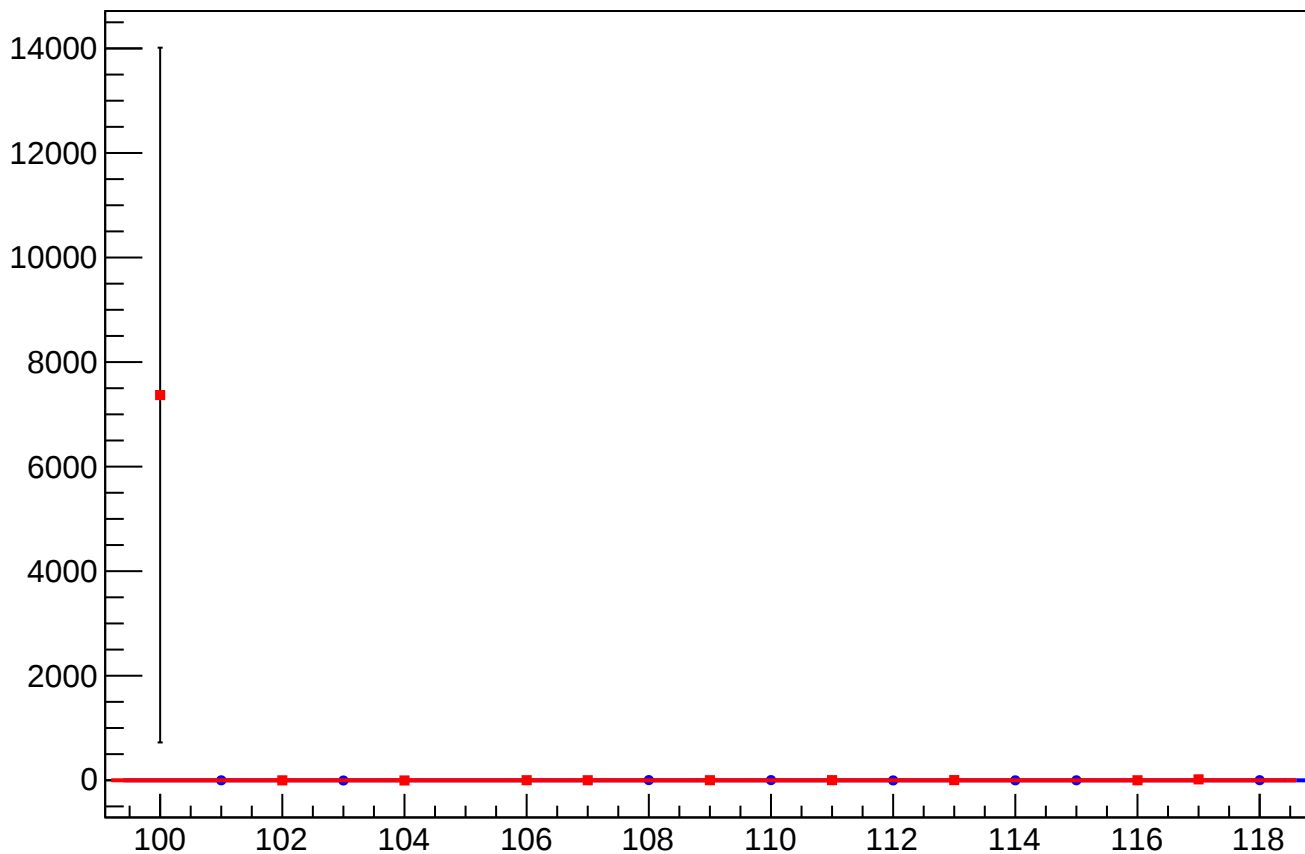
Right Out: 113.971+/-0.045 χ^2/NDF : 436973.0/9

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

103.704+/-0.043 χ^2/NDF : 402045.0/7

113.971+/-0.045 χ^2/NDF : 436973.0/9

asym_dsr_correction_mean vs Slug



Right In: -1.152+/-1.049 χ^2/NDF : 6.4/7

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

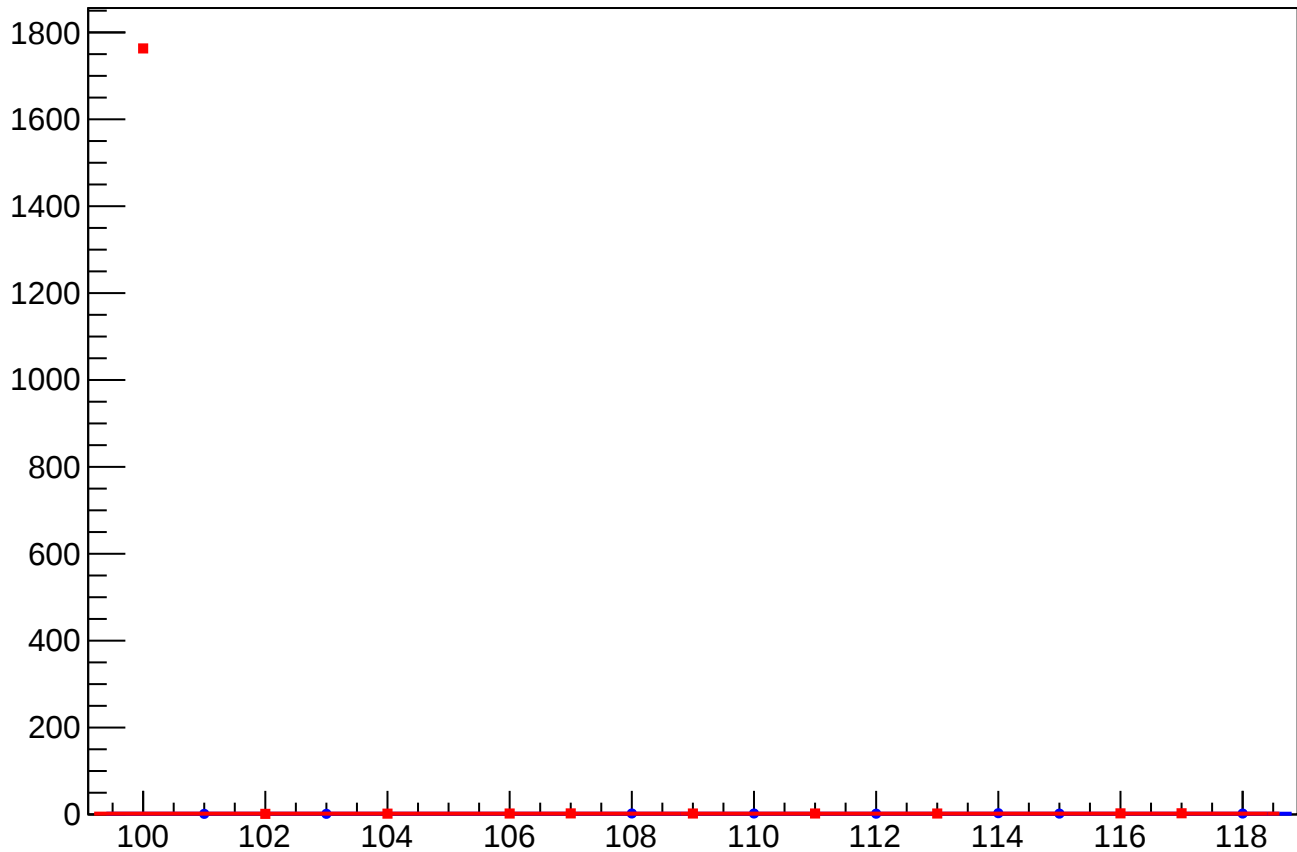
Right Out: -0.041+/-1.144 χ^2/NDF : 6.5/9

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

-1.152+/-1.049 χ^2/NDF : 6.4/7

-0.041+/-1.144 χ^2/NDF : 6.5/9

asym_dsr_correction_rms vs Slug



Right In: 1.667 $\pm$ 0.001 χ^2 /NDF: 220752.1/7

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

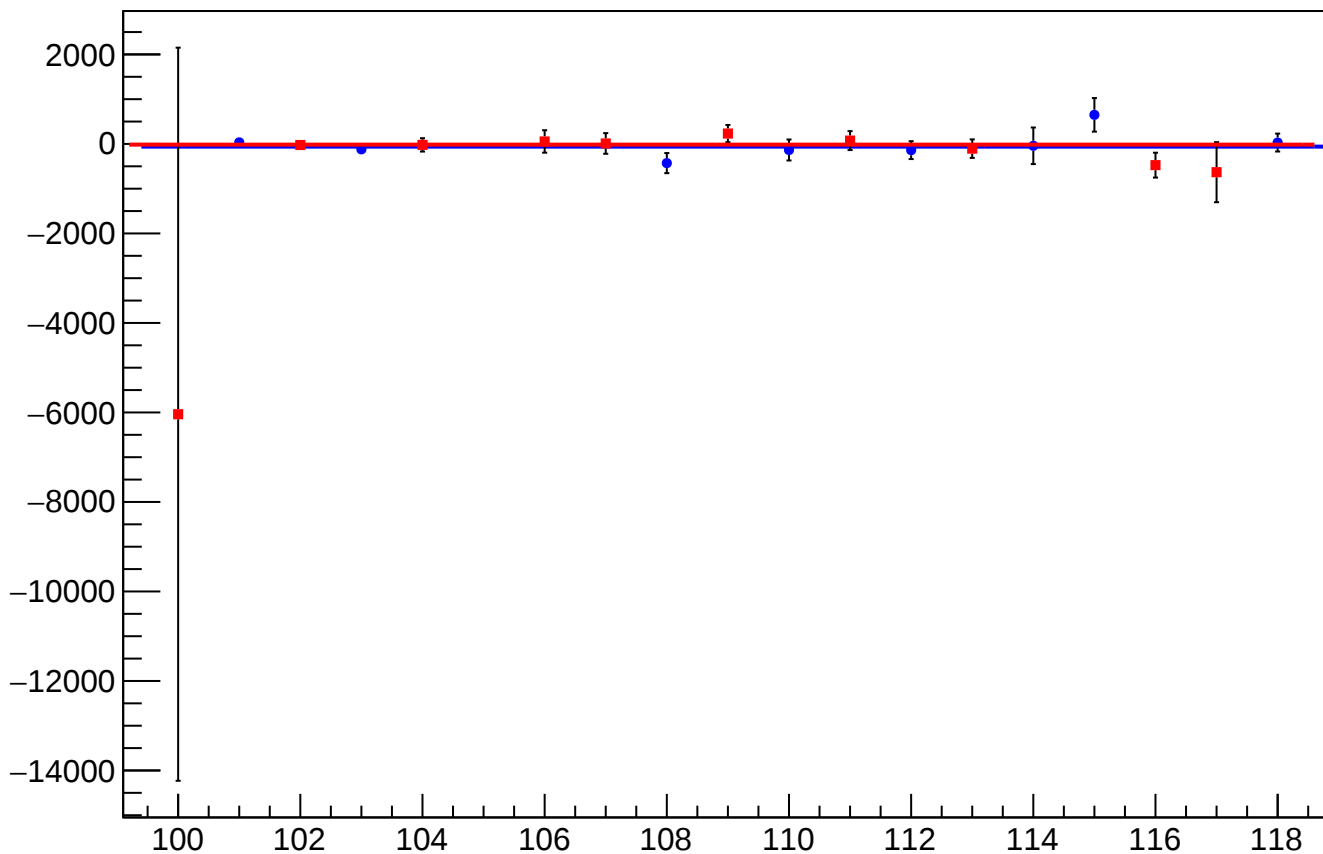
Right Out: 1.900 $\pm$ 0.001 χ^2 /NDF: 396159.0/9

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

1.667 $\pm$ 0.001 χ^2 /NDF: 220752.1/7

1.900 $\pm$ 0.001 χ^2 /NDF: 396159.0/9

asym_dsr_mean vs Slug



Right In: -60.118 $\pm$ 60.798 χ^2 /NDF: 7.8/7

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

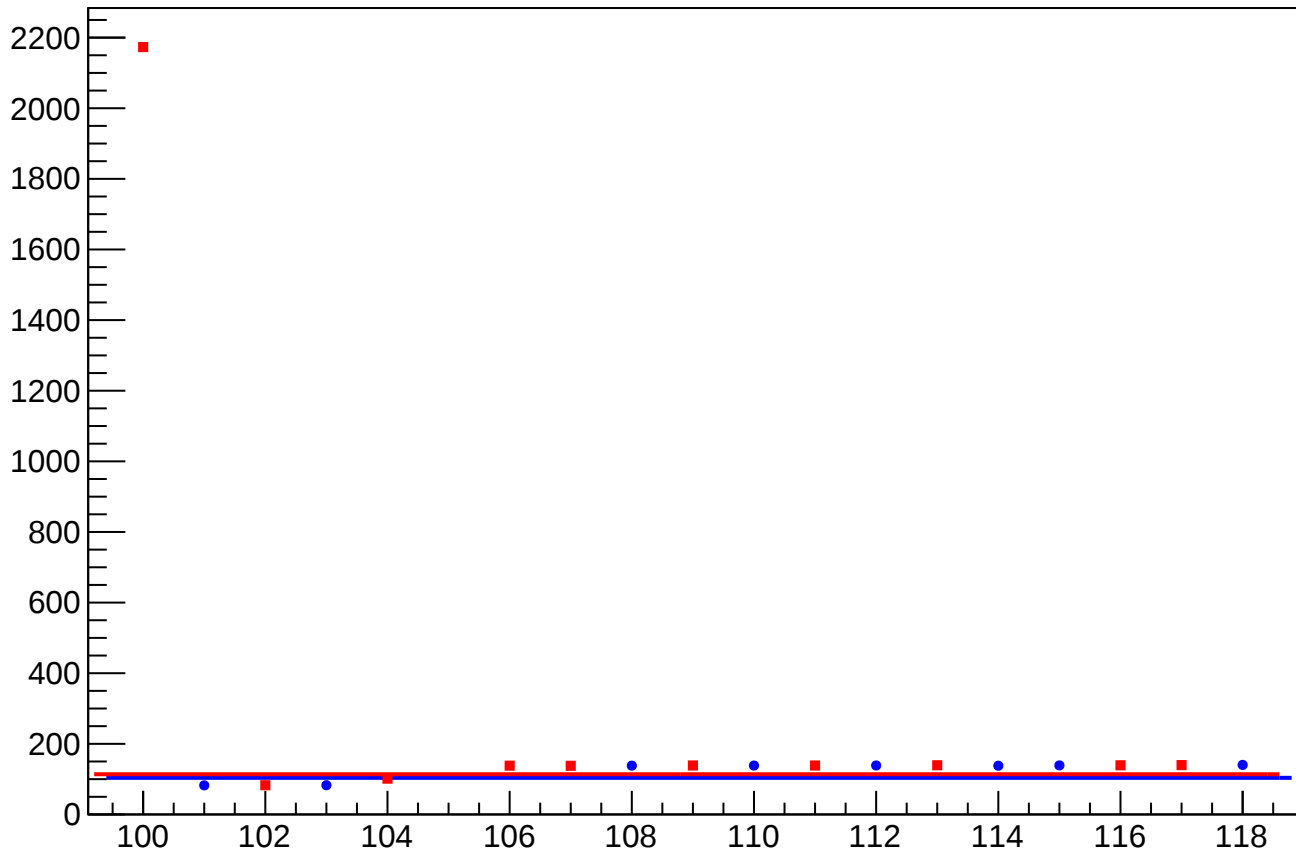
Right Out: -15.763 $\pm$ 63.529 χ^2 /NDF: 6.2/9

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

-60.118 $\pm$ 60.798 χ^2 /NDF: 7.8/7

-15.763 $\pm$ 63.529 χ^2 /NDF: 6.2/9

asym_dsr_rms vs Slug



Right In: 103.731+/-0.043 χ^2/NDF : 402036.3/7

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

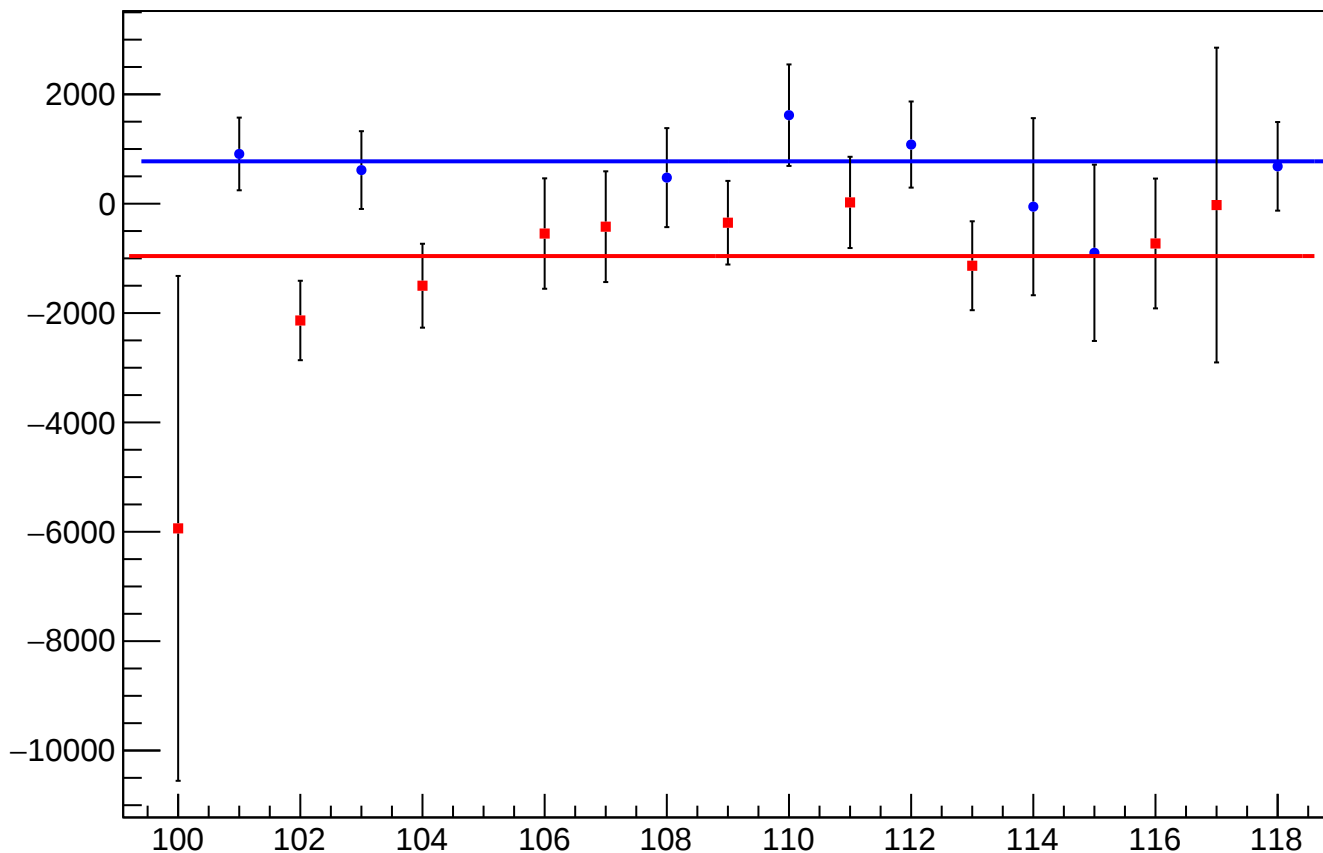
103.731+/-0.043 χ^2/NDF : 402036.3/7

Right Out: 113.922+/-0.045 χ^2/NDF : 446718.5/9

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

113.922+/-0.045 χ^2/NDF : 446718.5/9

reg_asym_left_avg_mean vs Slug



Right In: 774.799+/-308.271 χ^2/NDF : 2.5/7

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

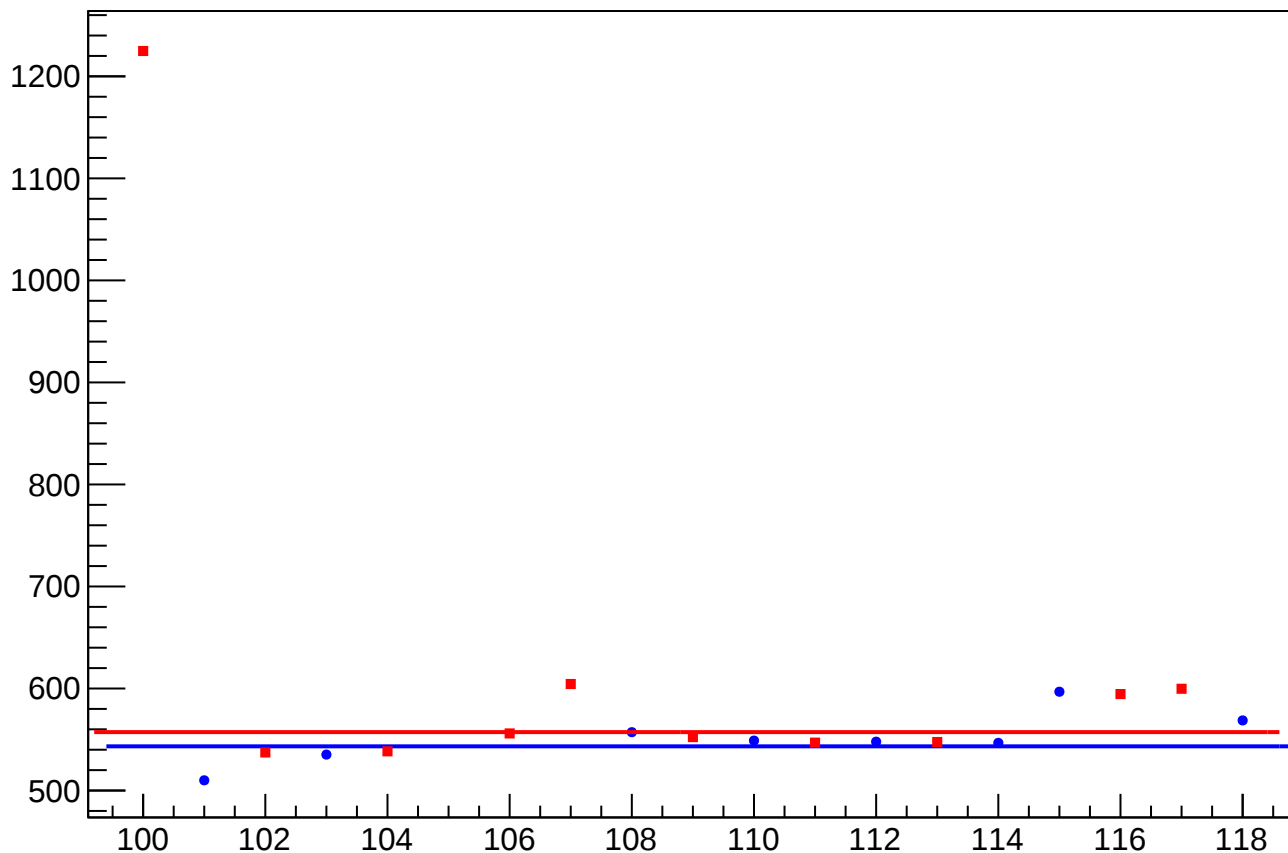
Right Out: -957.712+/-300.310 χ^2/NDF : 7.0/9

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

774.799+/-308.271 χ^2/NDF : 2.5/7

-957.712+/-300.310 χ^2/NDF : 7.0/9

reg_asym_left_avg_rms vs Slug



Right In: 543.318+/-0.218 χ^2/NDF : 10069.7/7

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

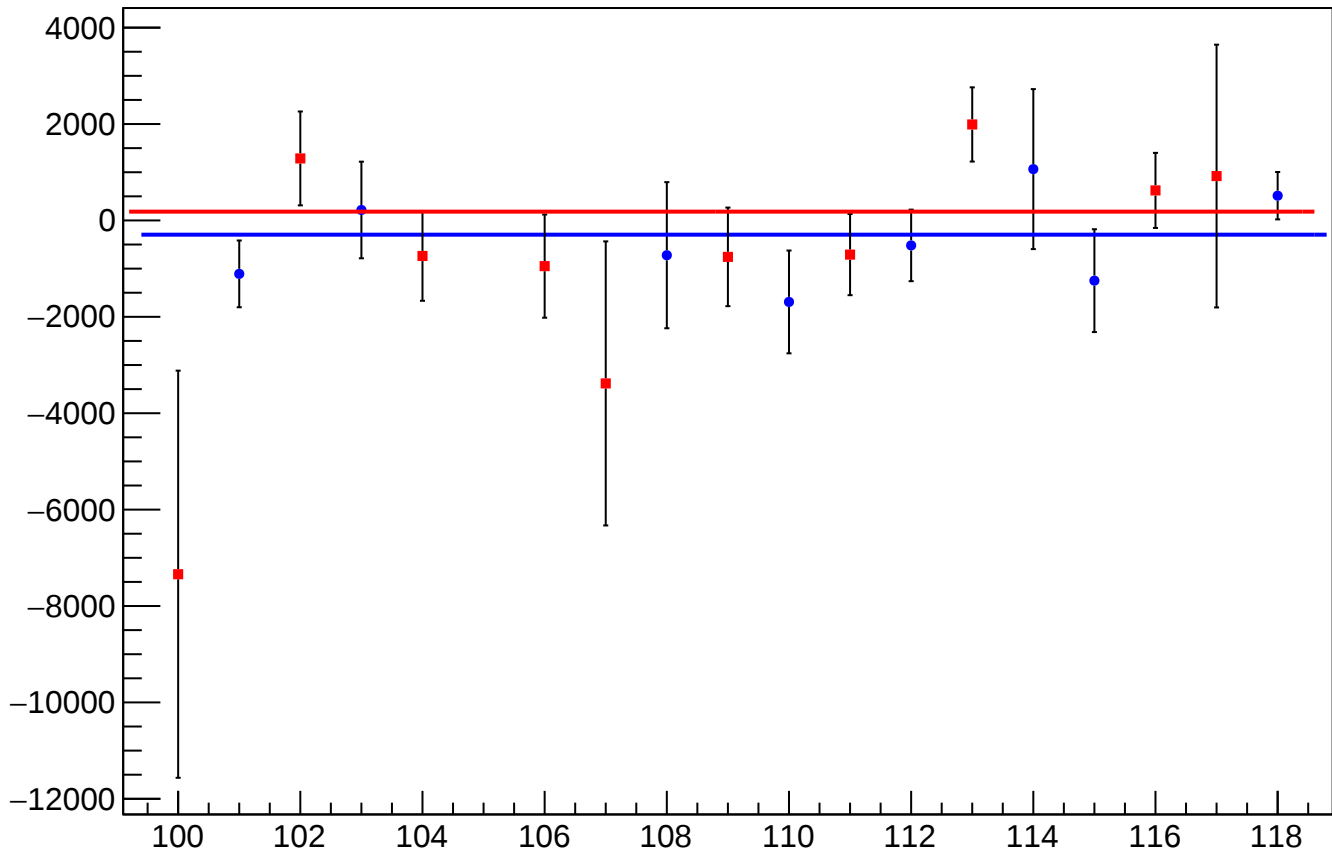
Right Out: 557.258+/-0.212 χ^2/NDF : 51960.1/9

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

543.318+/-0.218 χ^2/NDF : 10069.7/7

557.258+/-0.212 χ^2/NDF : 51960.1/9

asym_left_avg_correction_mean vs Slug



Right In: -295.628+/-293.769 χ^2 /NDF: 7.7/7

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

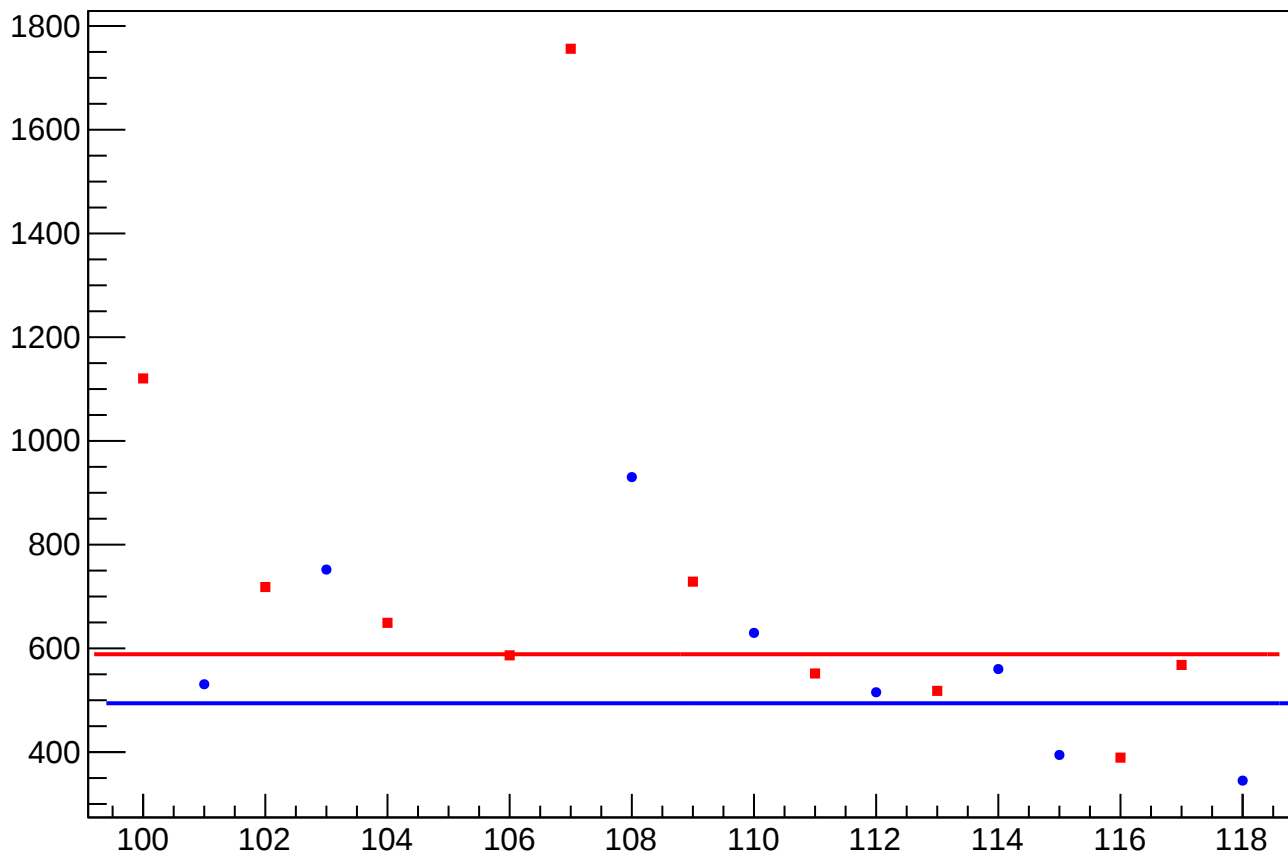
Right Out: 182.698+/-331.623 χ^2 /NDF: 15.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-295.628+/-293.769 χ^2 /NDF: 7.7/7

182.698+/-331.623 χ^2 /NDF: 15.9/9

asym_left_avg_correction_rms vs Slug



Right In: 494.189+/-0.208 χ^2/NDF : 542004.0/7

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

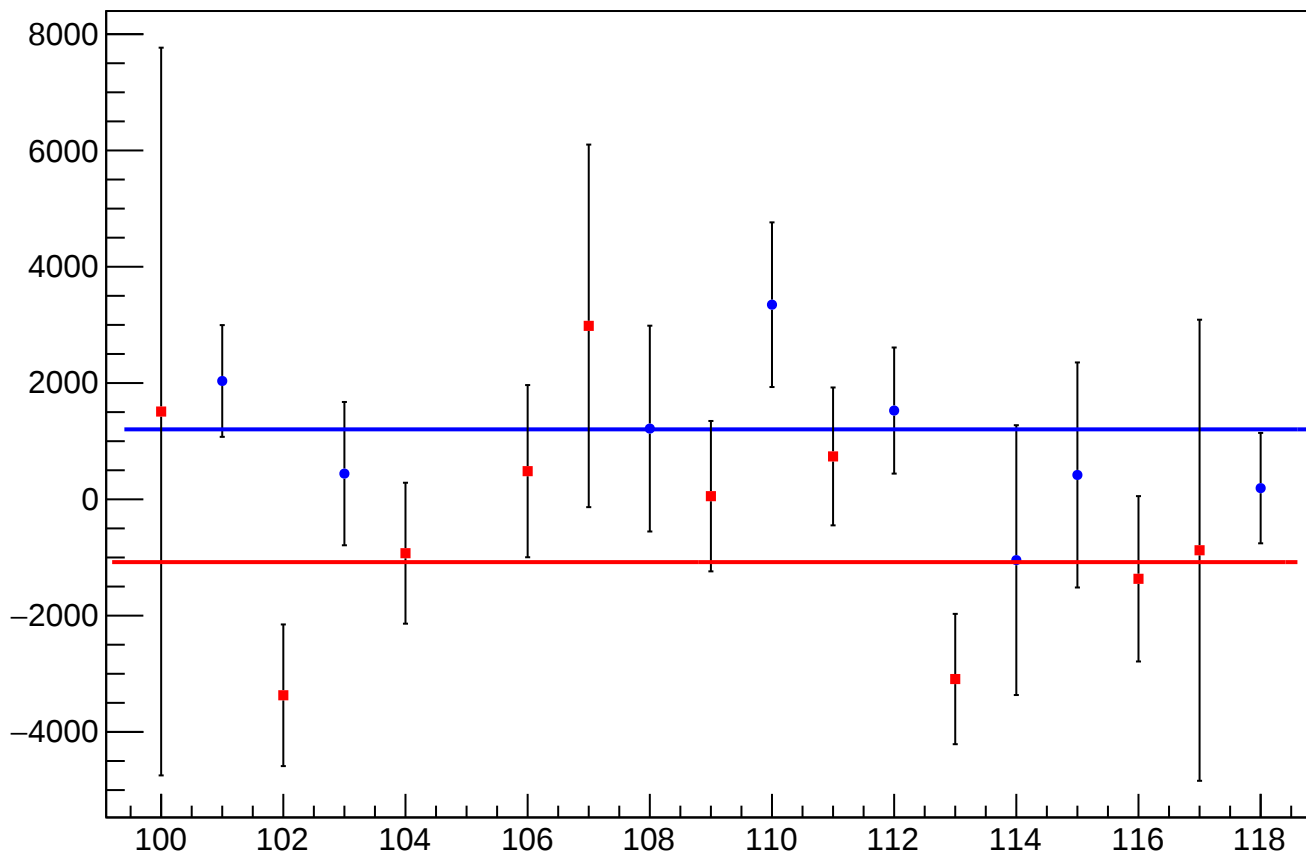
Right Out: 588.705+/-0.234 χ^2/NDF : 578866.5/9

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

494.189+/-0.208 χ^2/NDF : 542004.0/7

588.705+/-0.234 χ^2/NDF : 578866.5/9

asym_left_avg_mean vs Slug



Right In: 1203.463+/-448.463 χ^2/NDF : 5.7/7

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

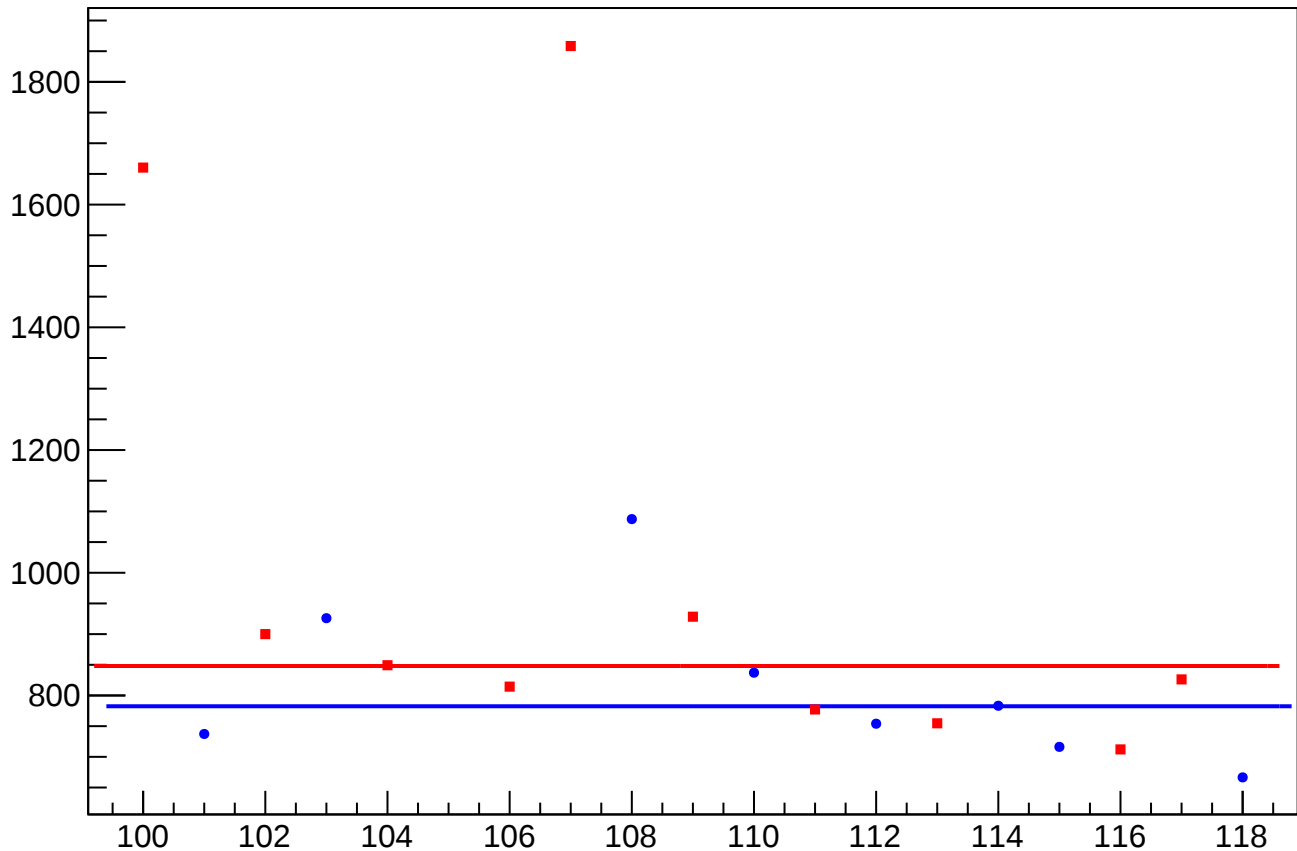
Right Out: -1079.646+/-466.098 χ^2/NDF : 12.9/9

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

1203.463+/-448.463 χ^2/NDF : 5.7/7

-1079.646+/-466.098 χ^2/NDF : 12.9/9

asym_left_avg_rms vs Slug



Right In: 782.424 $\pm$ 0.317 χ^2 /NDF: 127489.7/7

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

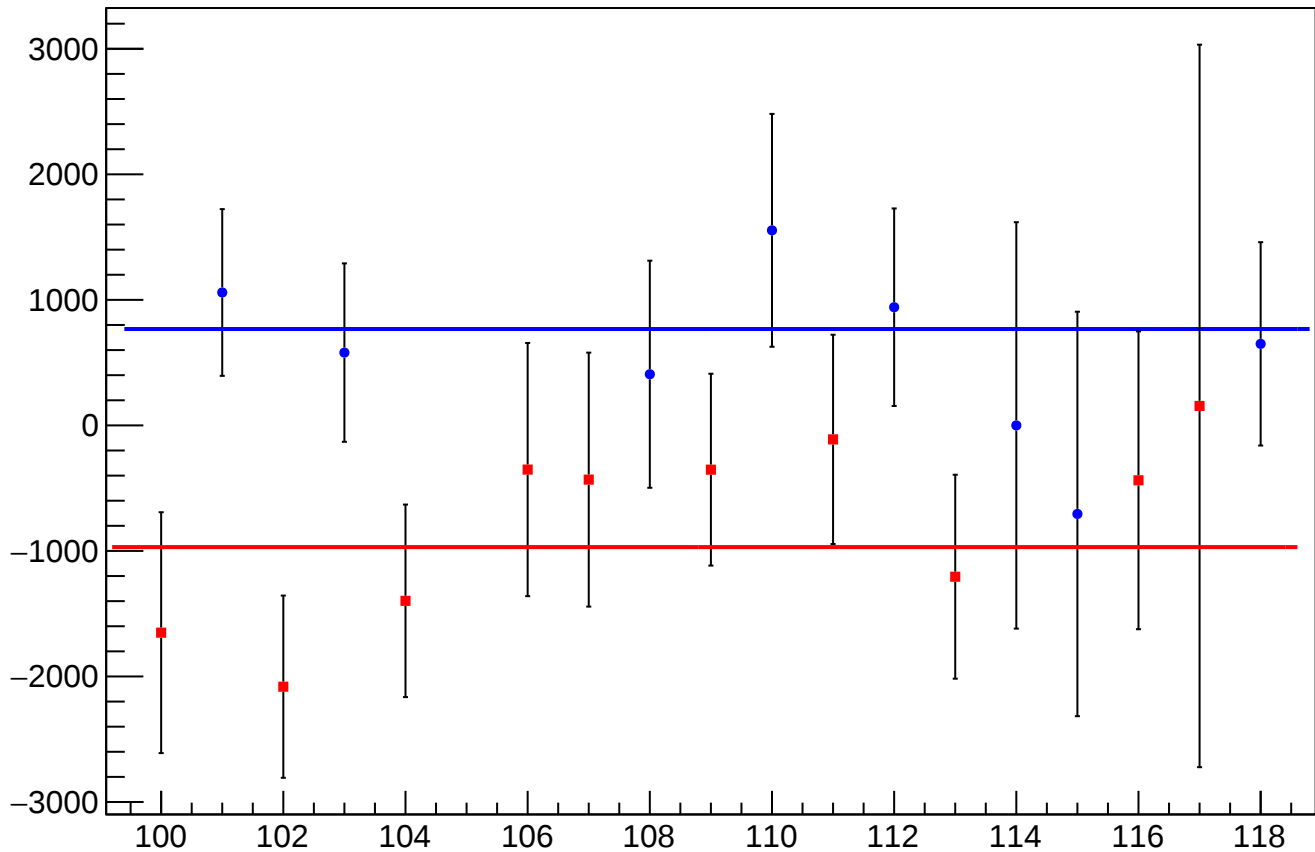
Right Out: 848.036 $\pm$ 0.330 χ^2 /NDF: 295531.9/9

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

782.424 $\pm$ 0.317 χ^2 /NDF: 127489.7/7

848.036 $\pm$ 0.330 χ^2 /NDF: 295531.9/9

reg_asym_left_dd_mean vs Slug



Right In: 767.862 $\pm$ 308.050 χ^2 /NDF: 2.3/7

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

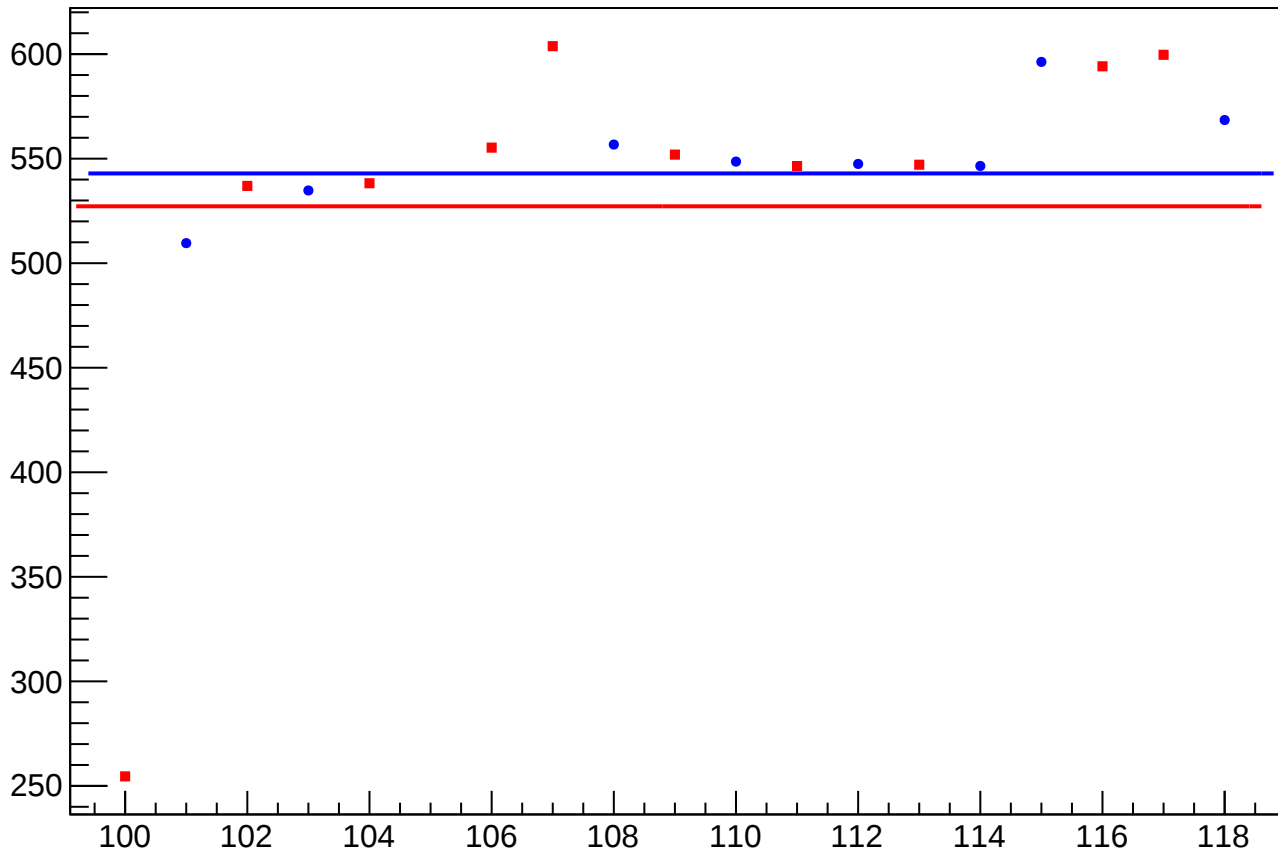
Right Out: -969.401 $\pm$ 286.954 χ^2 /NDF: 6.0/9

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

767.862 $\pm$ 308.050 χ^2 /NDF: 2.3/7

-969.401 $\pm$ 286.954 χ^2 /NDF: 6.0/9

reg_asym_left_dd_rms vs Slug



Right In: 542.928 $\pm$ 0.218 χ^2 /NDF: 10102.5/7

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

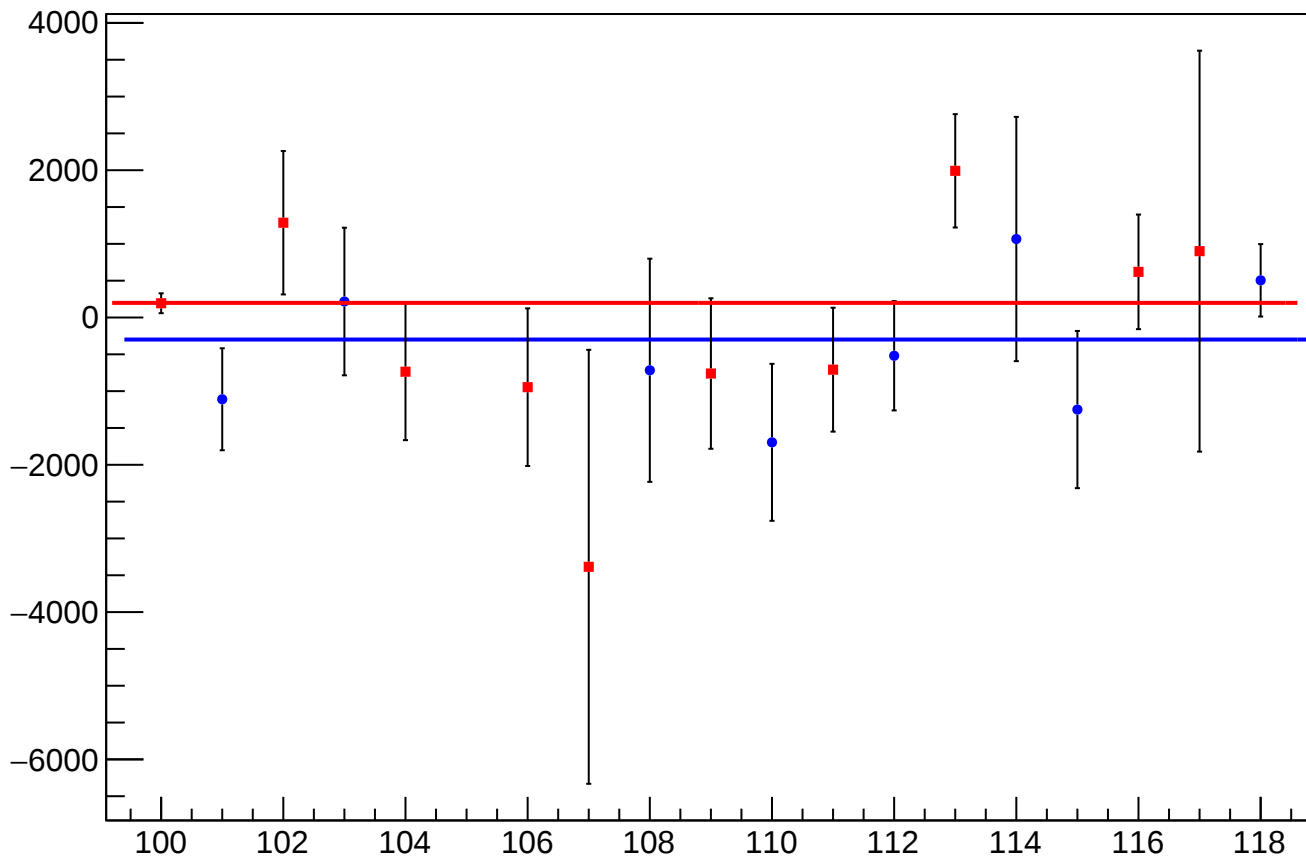
542.928 $\pm$ 0.218 χ^2 /NDF: 10102.5/7

Right Out: 527.215 $\pm$ 0.203 χ^2 /NDF: 187332.0/9

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

527.215 $\pm$ 0.203 χ^2 /NDF: 187332.0/9

asym_left_dd_correction_mean vs Slug



Right In: -299.164 $\pm$ 293.672 χ^2 /NDF: 7.7/7

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

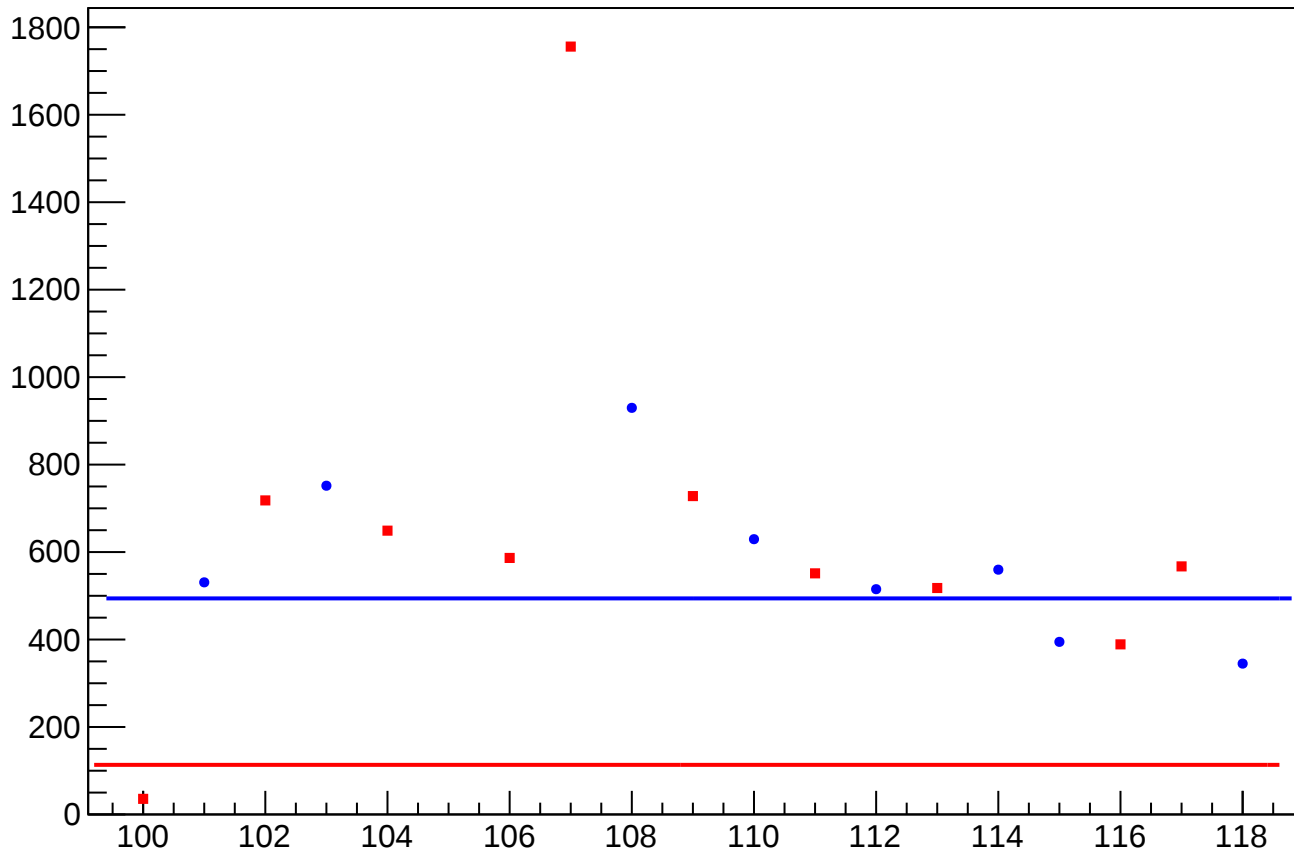
Right Out: 198.469 $\pm$ 125.053 χ^2 /NDF: 12.7/9

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

-299.164 $\pm$ 293.672 χ^2 /NDF: 7.7/7

198.469 $\pm$ 125.053 χ^2 /NDF: 12.7/9

asym_left_dd_correction_rms vs Slug



Right In: 494.044+/-0.208 χ^2/NDF : 541724.3/7

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

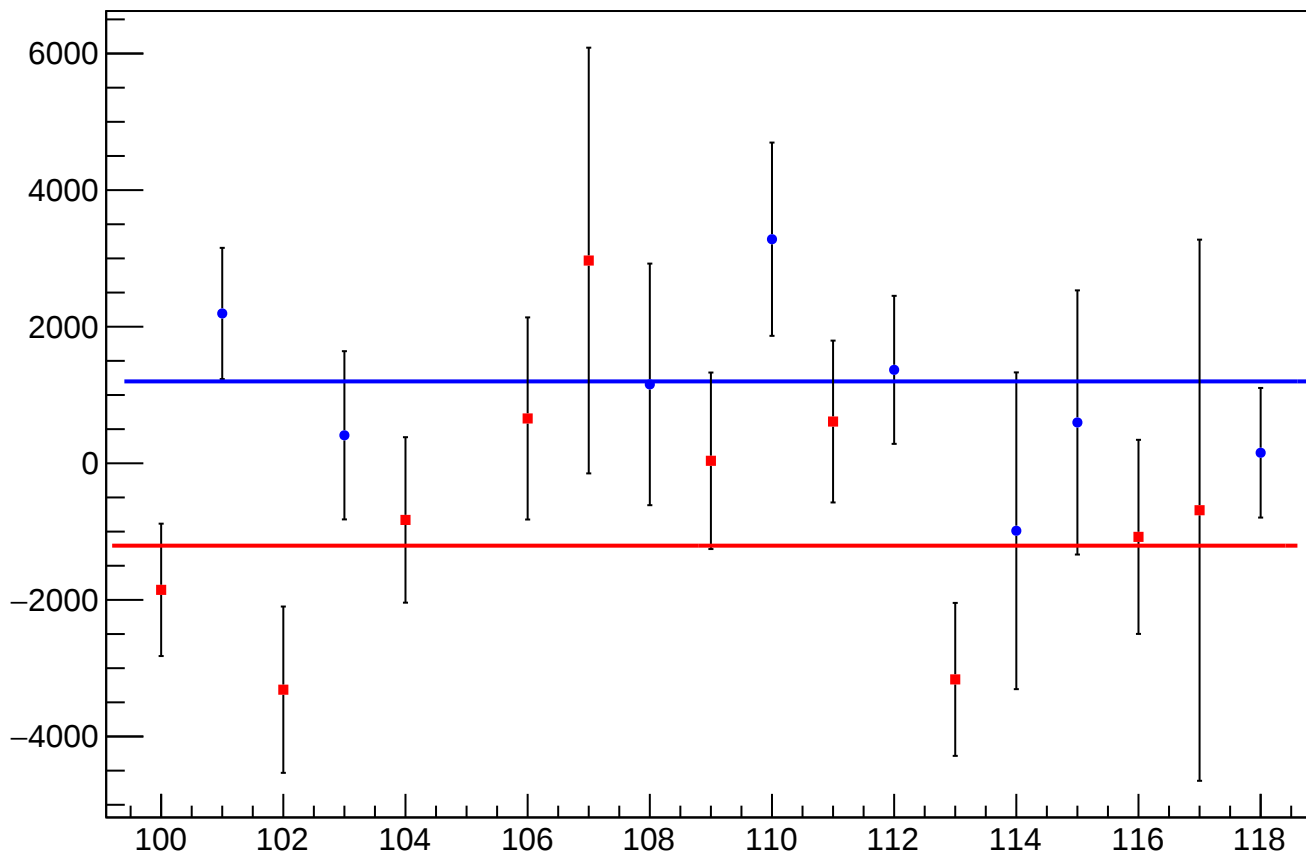
Right Out: 113.411+/-0.088 χ^2/NDF : 5235830.1/9

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

494.044+/-0.208 χ^2/NDF : 541724.3/7

113.411+/-0.088 χ^2/NDF : 5235830.1/9

asym_left_dd_mean vs Slug



Right In: 1199.247+/-448.220 χ^2/NDF : 5.9/7

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

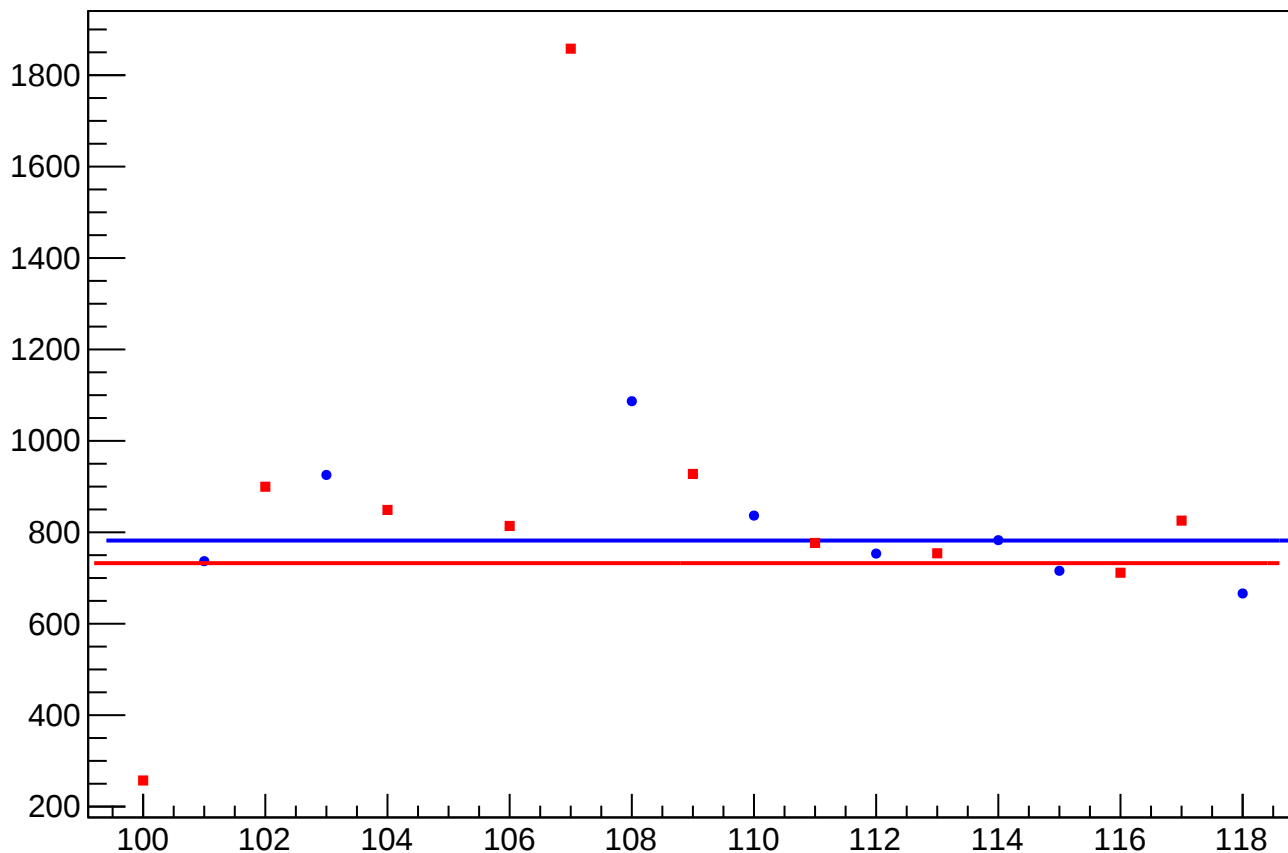
Right Out: -1205.902+/-420.785 χ^2/NDF : 13.3/9

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

1199.247+/-448.220 χ^2/NDF : 5.9/7

-1205.902+/-420.785 χ^2/NDF : 13.3/9

asym_left_dd_rms vs Slug



Right In: 782.006+/-0.317 χ^2/NDF : 127443.6/7

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

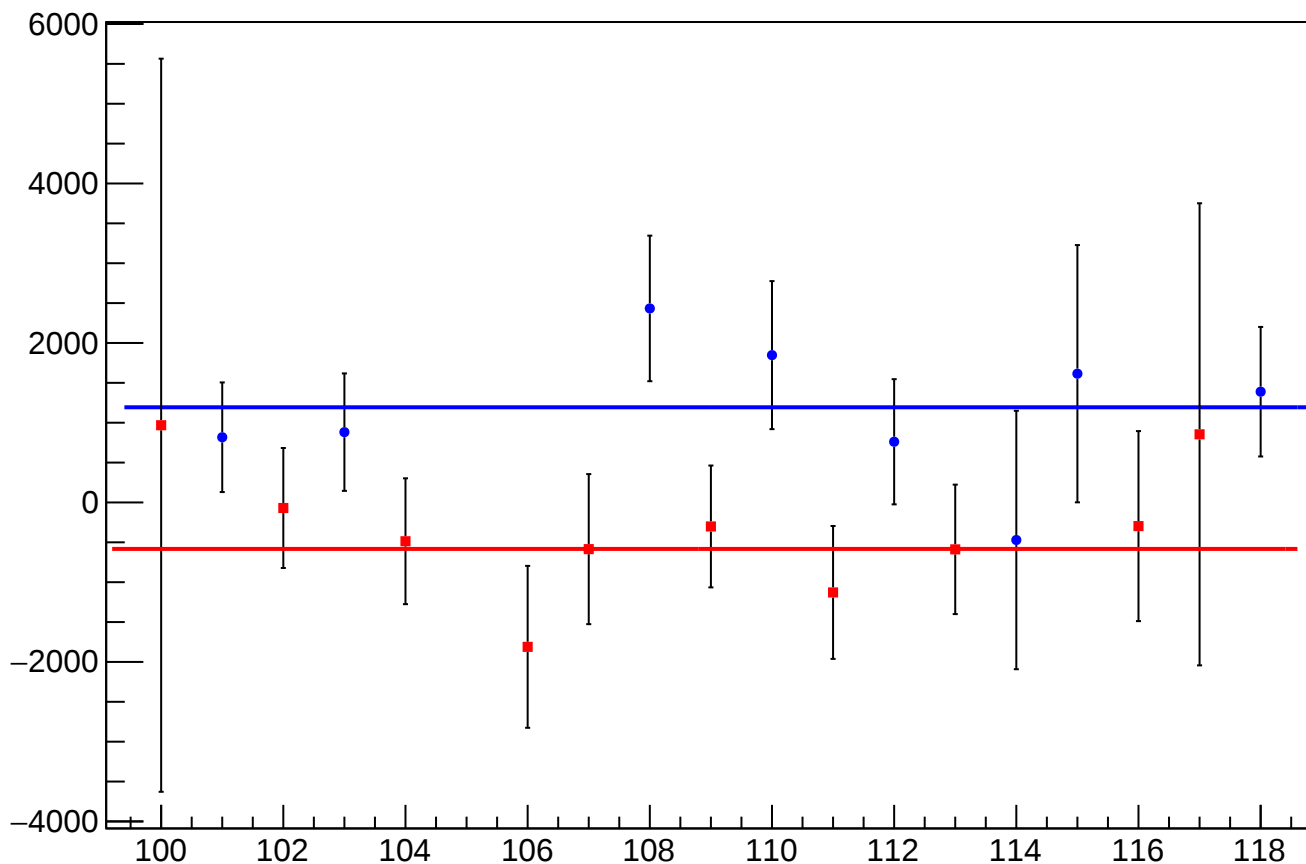
Right Out: 732.532+/-0.298 χ^2/NDF : 854977.3/9

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

782.006+/-0.317 χ^2/NDF : 127443.6/7

732.532+/-0.298 χ^2/NDF : 854977.3/9

reg_asym_right_avg_mean vs Slug



Right In: 1193.388+/-312.743 χ^2/NDF : 4.3/7

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

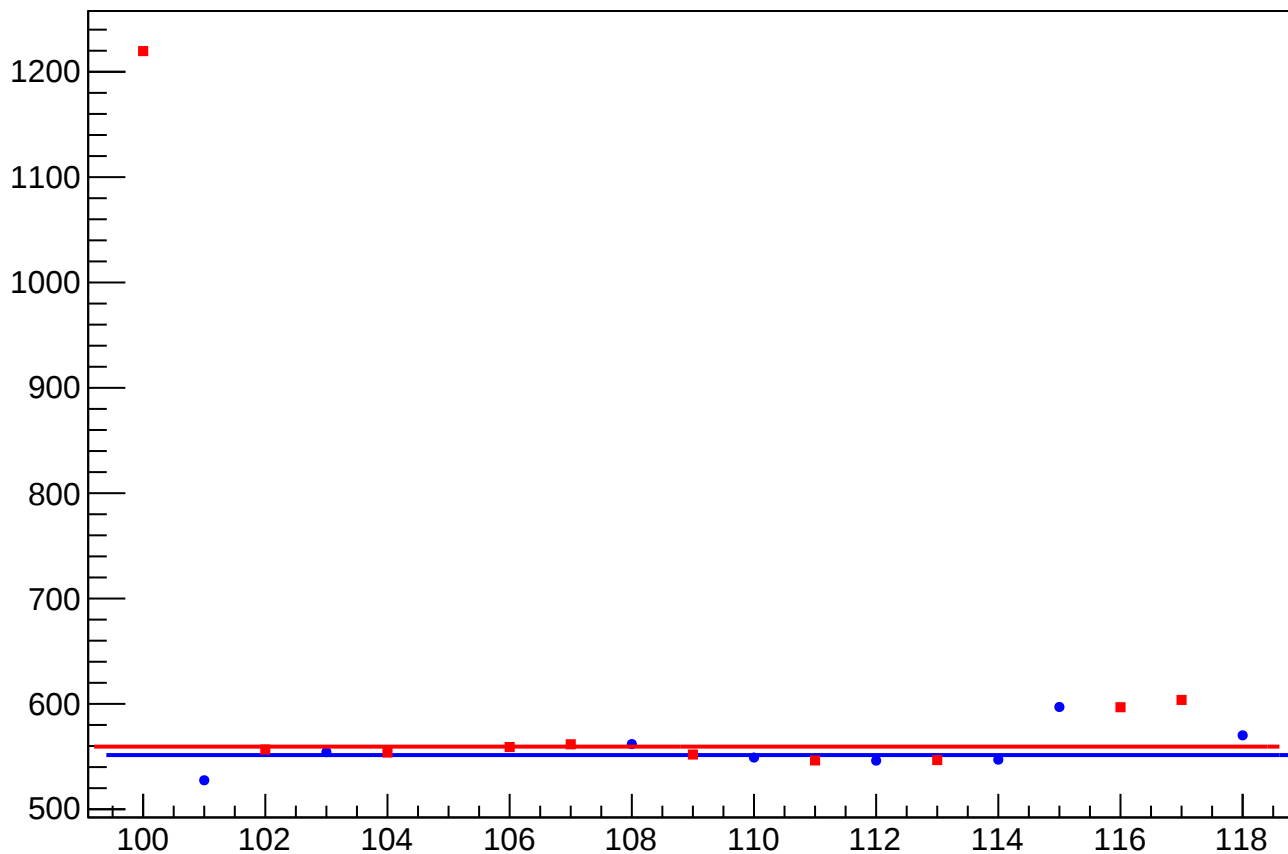
Right Out: -582.697+/-301.333 χ^2/NDF : 2.9/9

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

1193.388+/-312.743 χ^2/NDF : 4.3/7

-582.697+/-301.333 χ^2/NDF : 2.9/9

reg_asym_right_avg_rms vs Slug



Right In: 551.411+/-0.221 χ^2/NDF : 5496.7/7

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

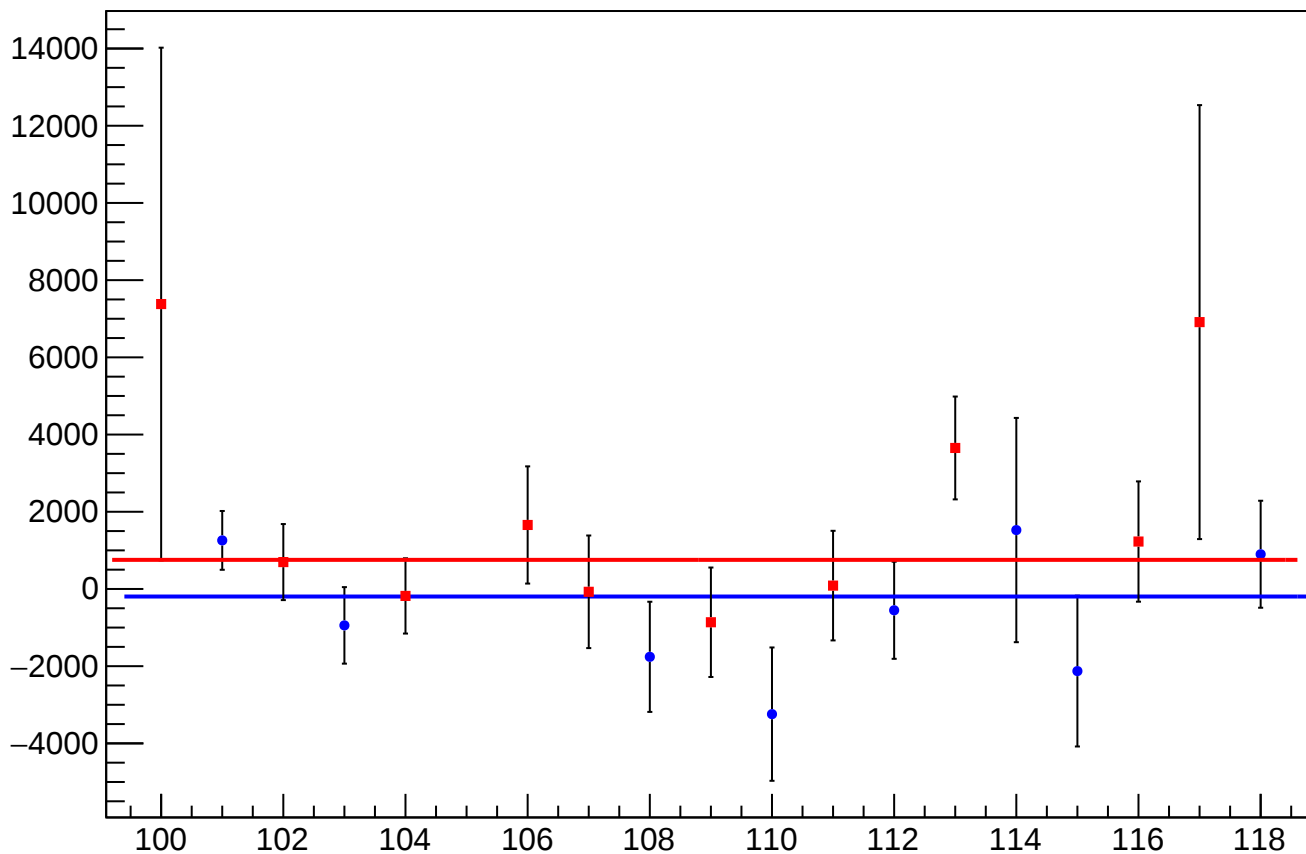
Right Out: 559.446+/-0.213 χ^2/NDF : 45011.7/9

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

551.411+/-0.221 χ^2/NDF : 5496.7/7

559.446+/-0.213 χ^2/NDF : 45011.7/9

asym_right_avg_correction_mean vs Slug



Right In: -195.631+/-442.740 χ^2/NDF : 10.6/7

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

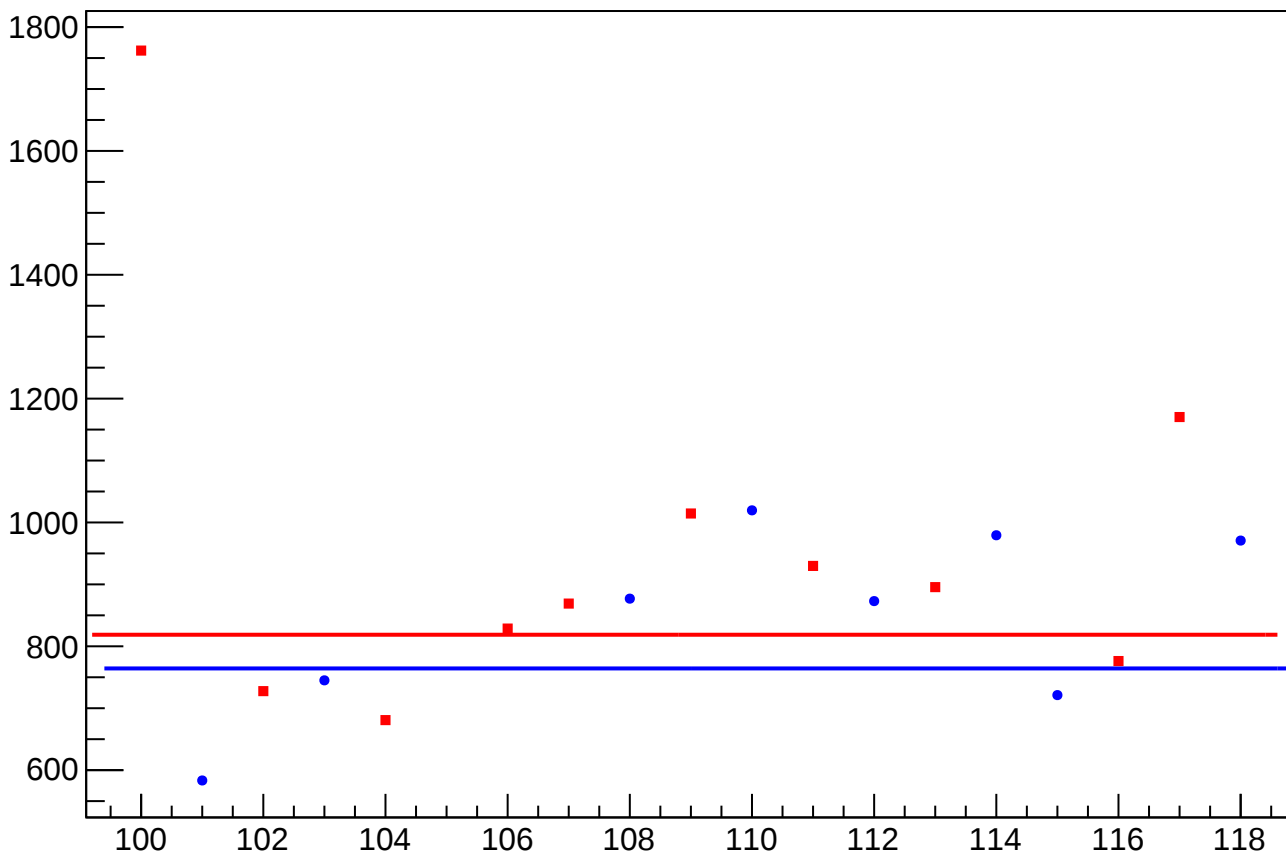
Right Out: 754.071+/-446.753 χ^2/NDF : 10.1/9

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

-195.631+/-442.740 χ^2/NDF : 10.6/7

754.071+/-446.753 χ^2/NDF : 10.1/9

asym_right_avg_correction_rms vs Slug



Right In: 764.255+/-0.313 χ^2/NDF : 241081.7/7

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

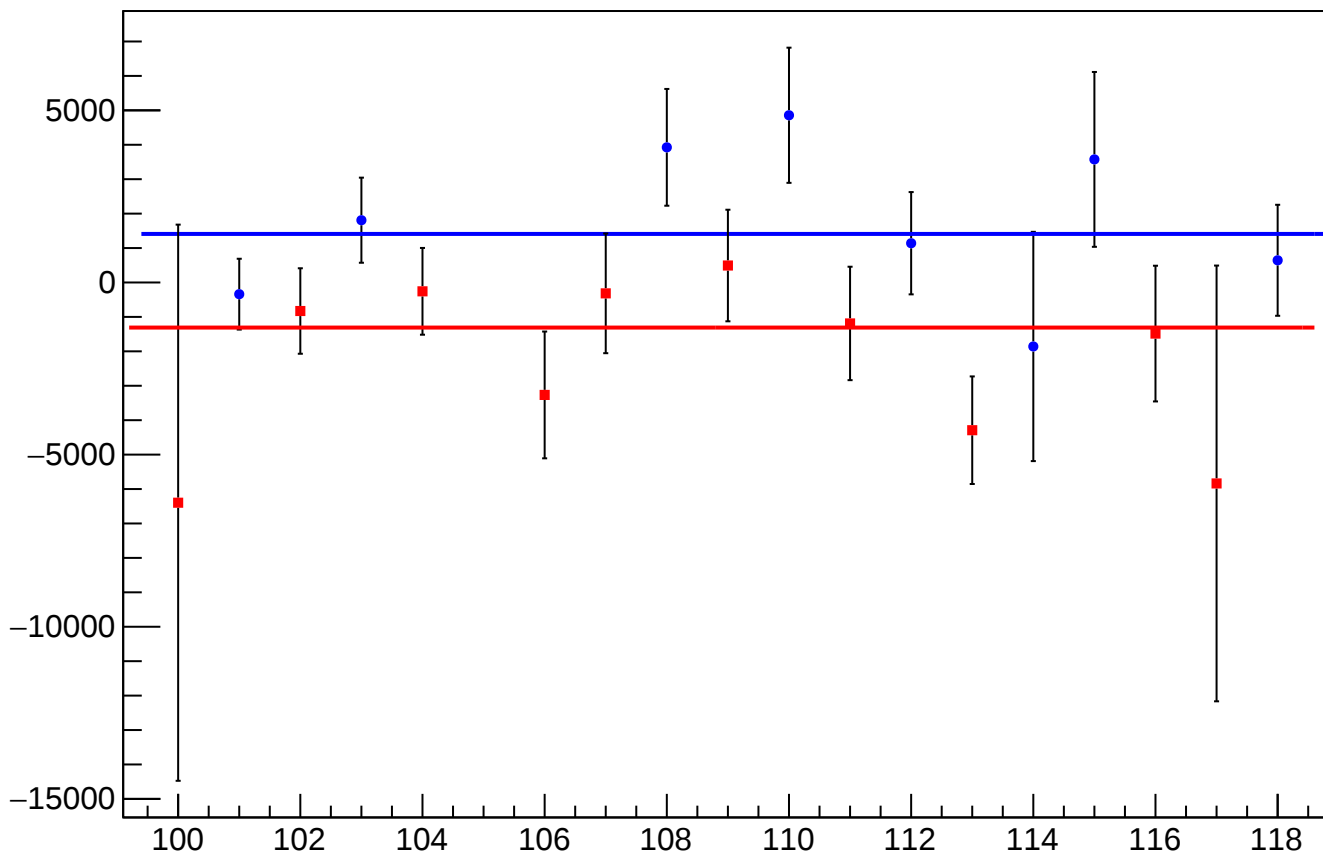
Right Out: 818.680+/-0.316 χ^2/NDF : 166284.6/9

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

764.255+/-0.313 χ^2/NDF : 241081.7/7

818.680+/-0.316 χ^2/NDF : 166284.6/9

asym_right_avg_mean vs Slug



Right In: 1410.200+/-551.295 χ^2/NDF : 10.2/7

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

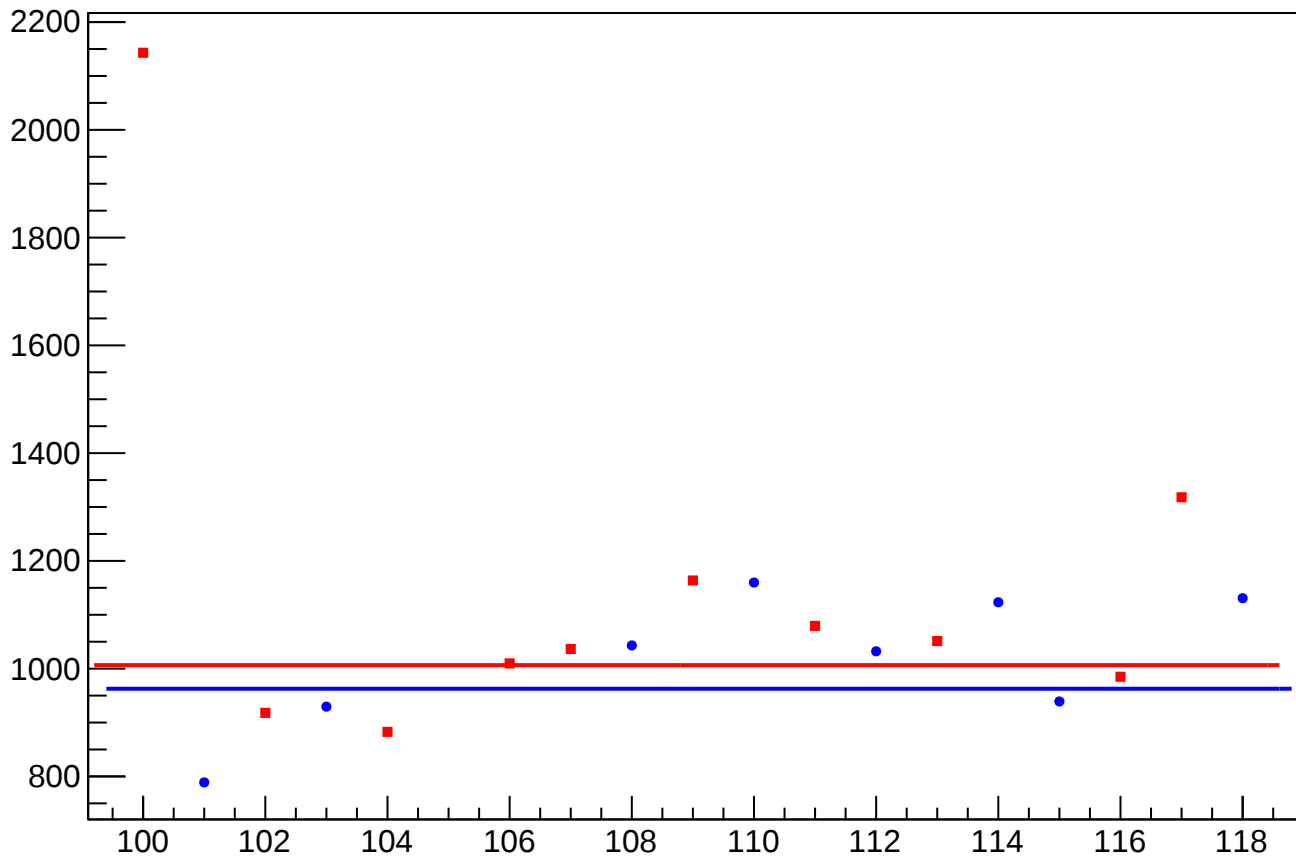
Right Out: -1309.673+/-545.443 χ^2/NDF : 8.1/9

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

1410.200+/-551.295 χ^2/NDF : 10.2/7

-1309.673+/-545.443 χ^2/NDF : 8.1/9

asym_right_avg_rms vs Slug



Right In: 962.736+/-0.390 χ^2/NDF : 114160.2/7

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

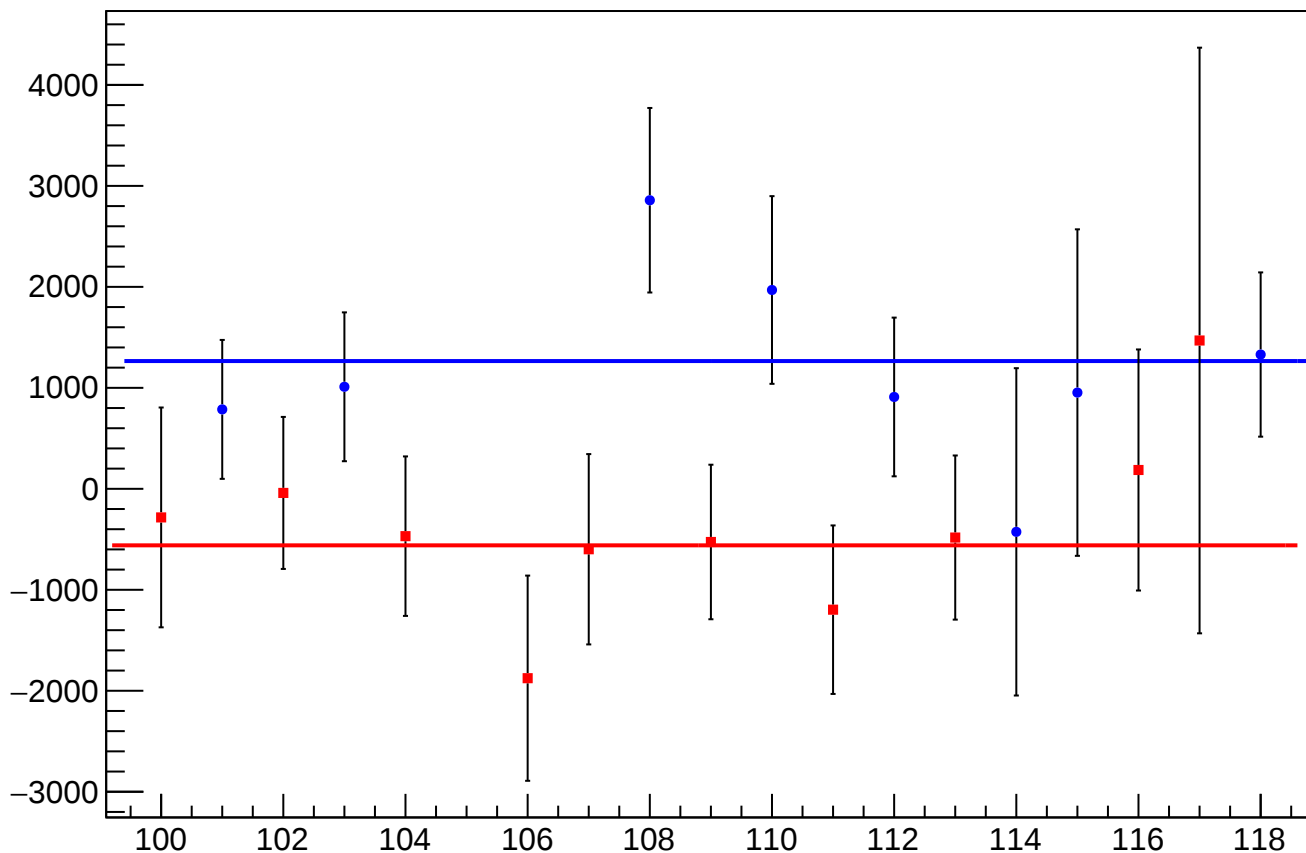
Right Out: 1006.561+/-0.386 χ^2/NDF : 99128.3/9

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

962.736+/-0.390 χ^2/NDF : 114160.2/7

1006.561+/-0.386 χ^2/NDF : 99128.3/9

reg_asym_right_dd_mean vs Slug



Right In: 1265.281+/-313.059 χ^2/NDF : 5.6/7

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

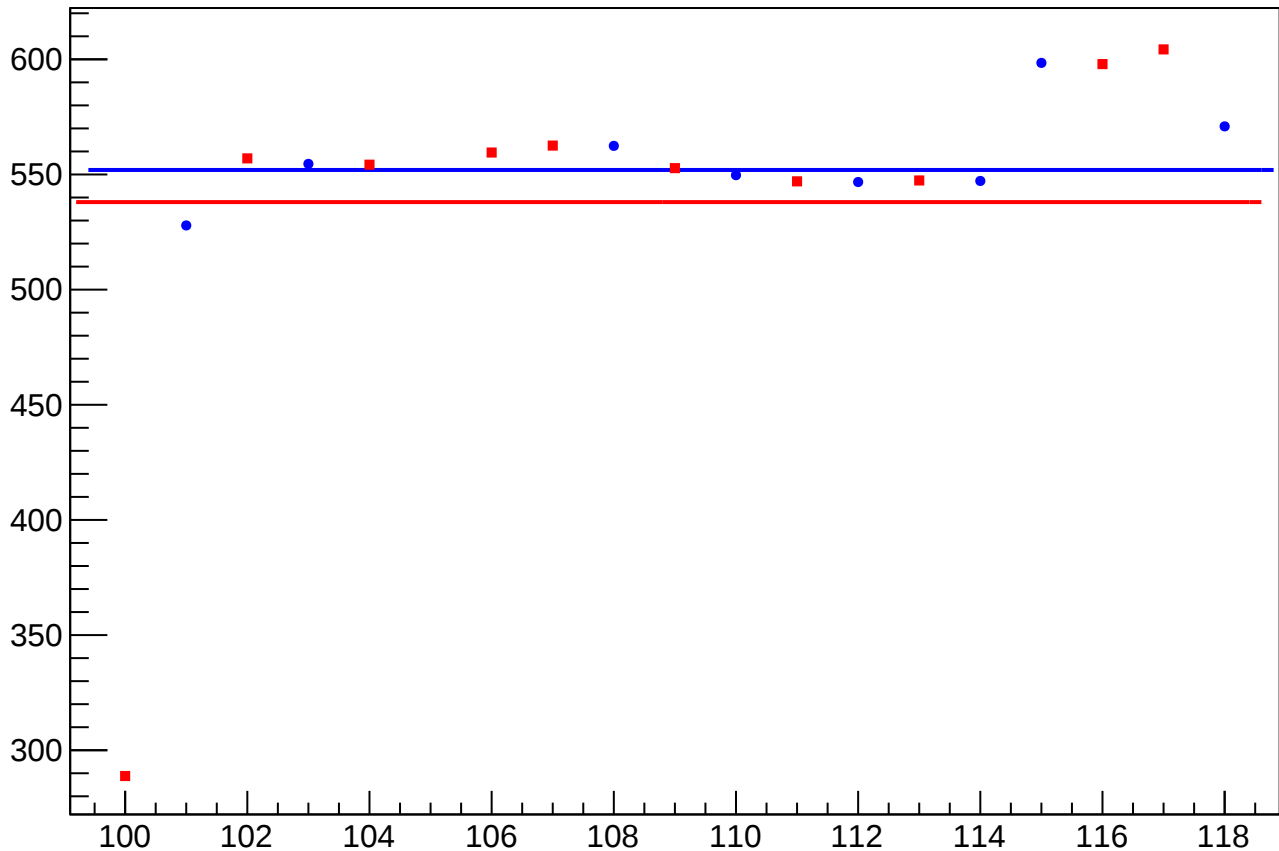
Right Out: -559.751+/-291.302 χ^2/NDF : 3.7/9

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

1265.281+/-313.059 χ^2/NDF : 5.6/7

-559.751+/-291.302 χ^2/NDF : 3.7/9

reg_asym_right_dd_rms vs Slug



Right In: 551.962 $\pm$ 0.221 χ^2 /NDF: 5595.4/7

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

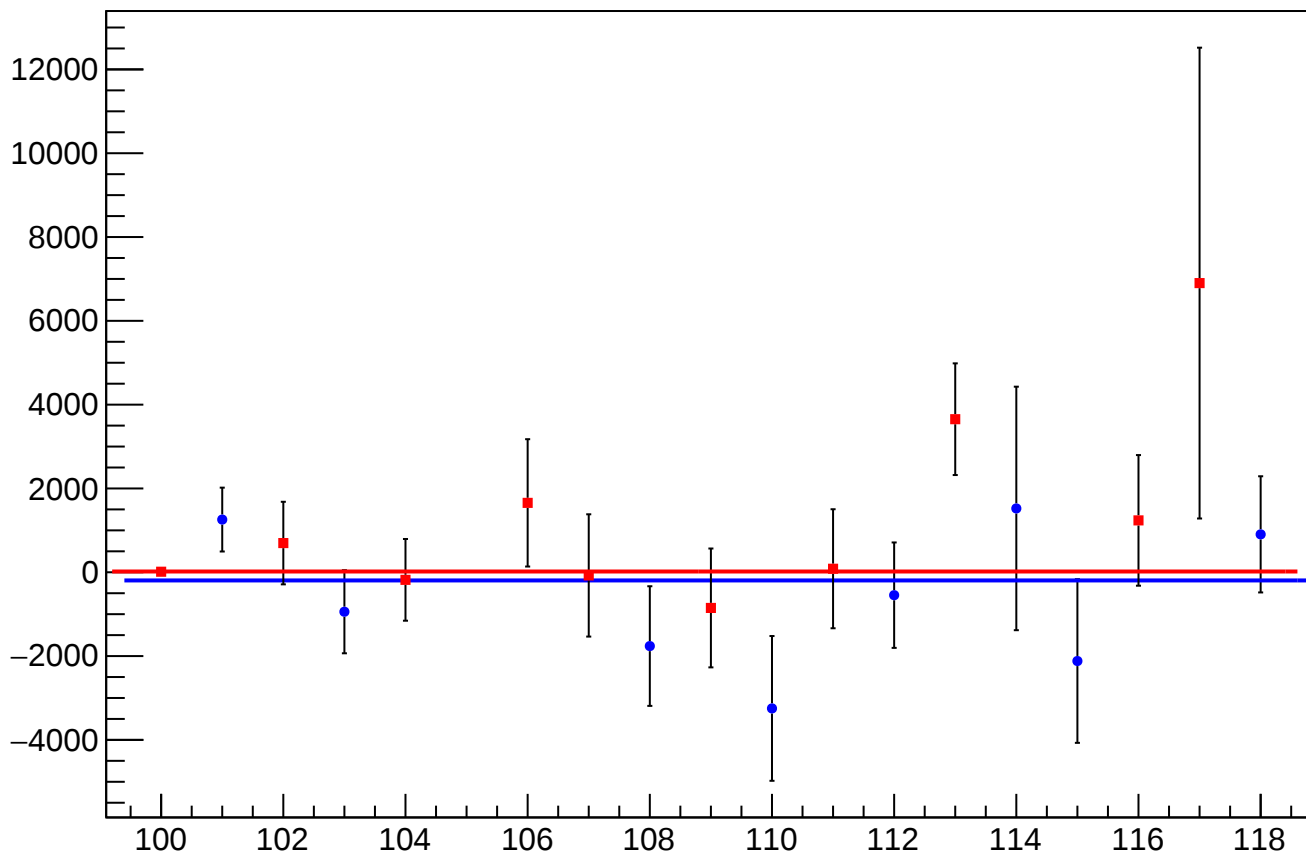
551.962 $\pm$ 0.221 χ^2 /NDF: 5595.4/7

Right Out: 538.009 $\pm$ 0.206 χ^2 /NDF: 116530.8/9

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

538.009 $\pm$ 0.206 χ^2 /NDF: 116530.8/9

asym_right_dd_correction_mean vs Slug



Right In: -195.025+/-442.853 χ^2/NDF : 10.6/7

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

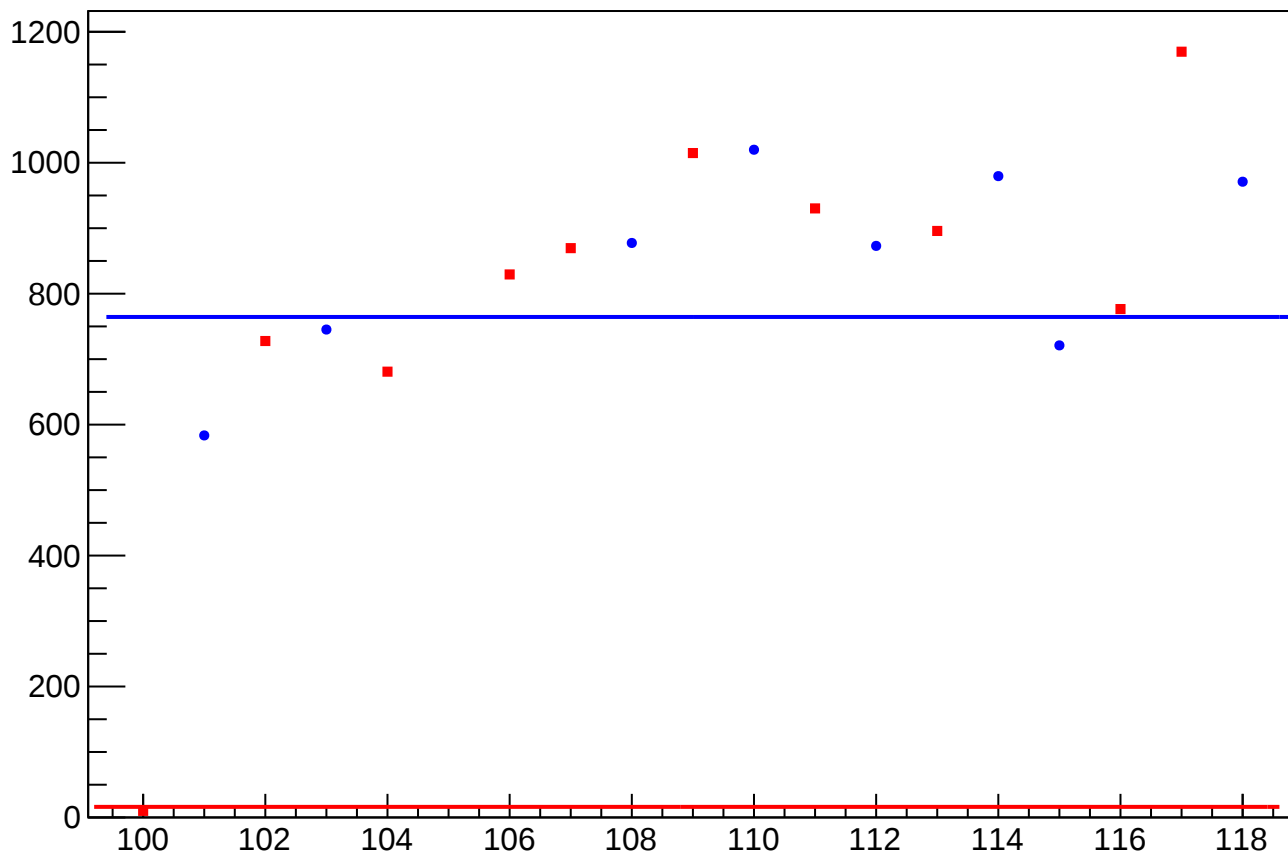
Right Out: 18.420+/-39.074 χ^2/NDF : 11.6/9

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

-195.025+/-442.853 χ^2/NDF : 10.6/7

18.420+/-39.074 χ^2/NDF : 11.6/9

asym_right_dd_correction_rms vs Slug



Right In: 764.449 $\pm$ 0.313 χ^2 /NDF: 241086.2/7

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

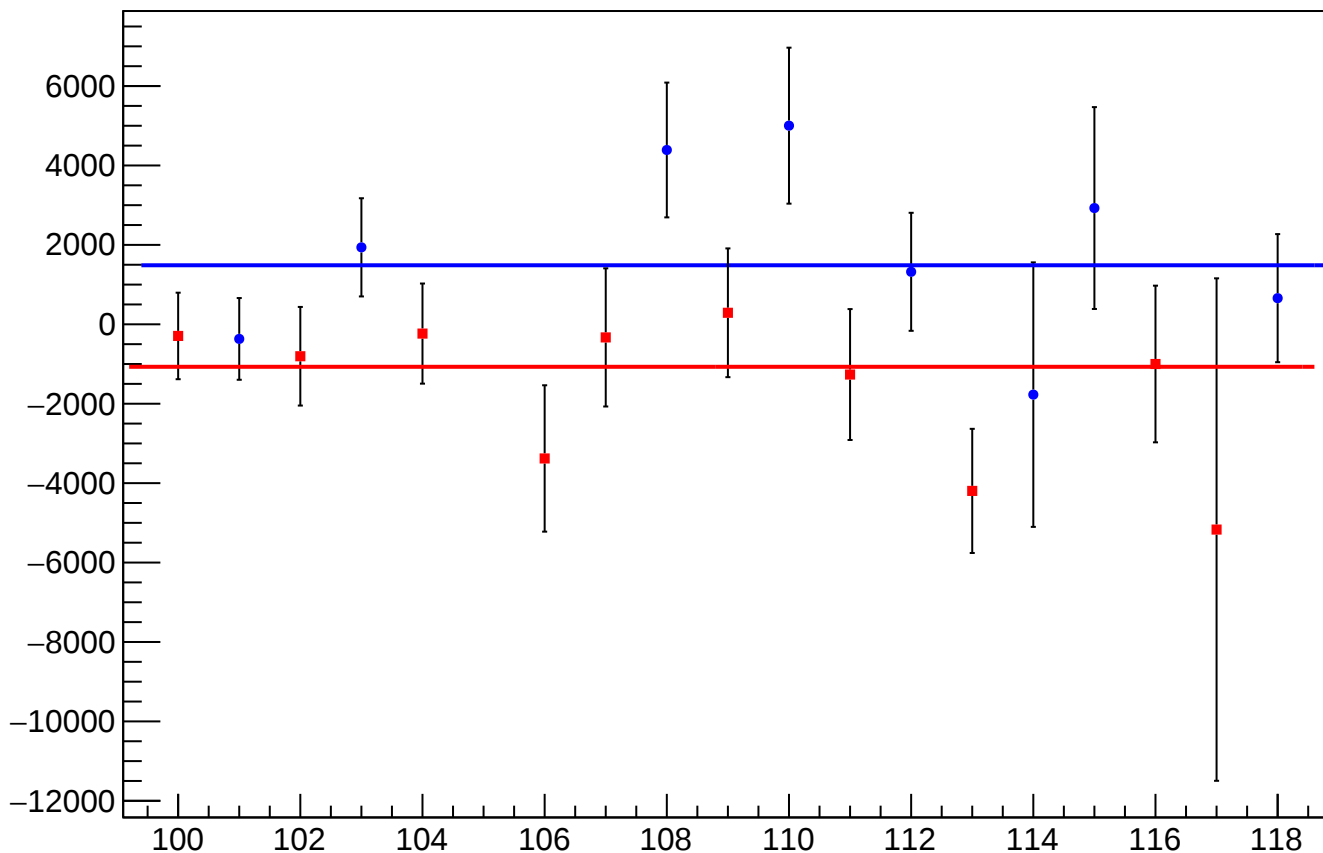
Right Out: 16.166 $\pm$ 0.028 χ^2 /NDF: 6530513.8/9

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

764.449 $\pm$ 0.313 χ^2 /NDF: 241086.2/7

16.166 $\pm$ 0.028 χ^2 /NDF: 6530513.8/9

asym_right_dd_mean vs Slug



Right In: 1486.807 $\pm$ 551.571 χ^2 /NDF: 11.1/7

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

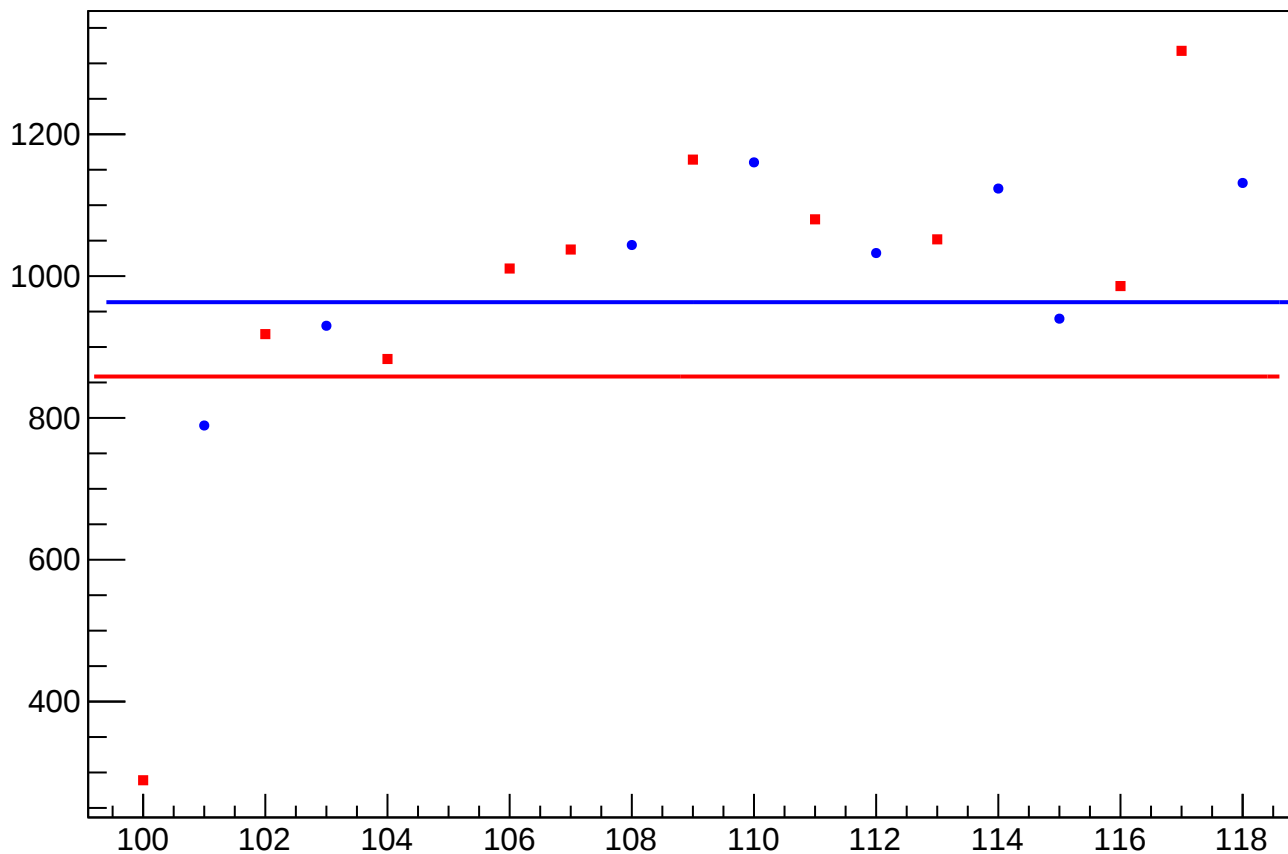
Right Out: -1069.918 $\pm$ 488.844 χ^2 /NDF: 7.9/9

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

1486.807 $\pm$ 551.571 χ^2 /NDF: 11.1/7

-1069.918 $\pm$ 488.844 χ^2 /NDF: 7.9/9

asym_right_dd_rms vs Slug



Right In: 963.221 $\pm$ 0.390 χ^2 /NDF: 114112.7/7

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

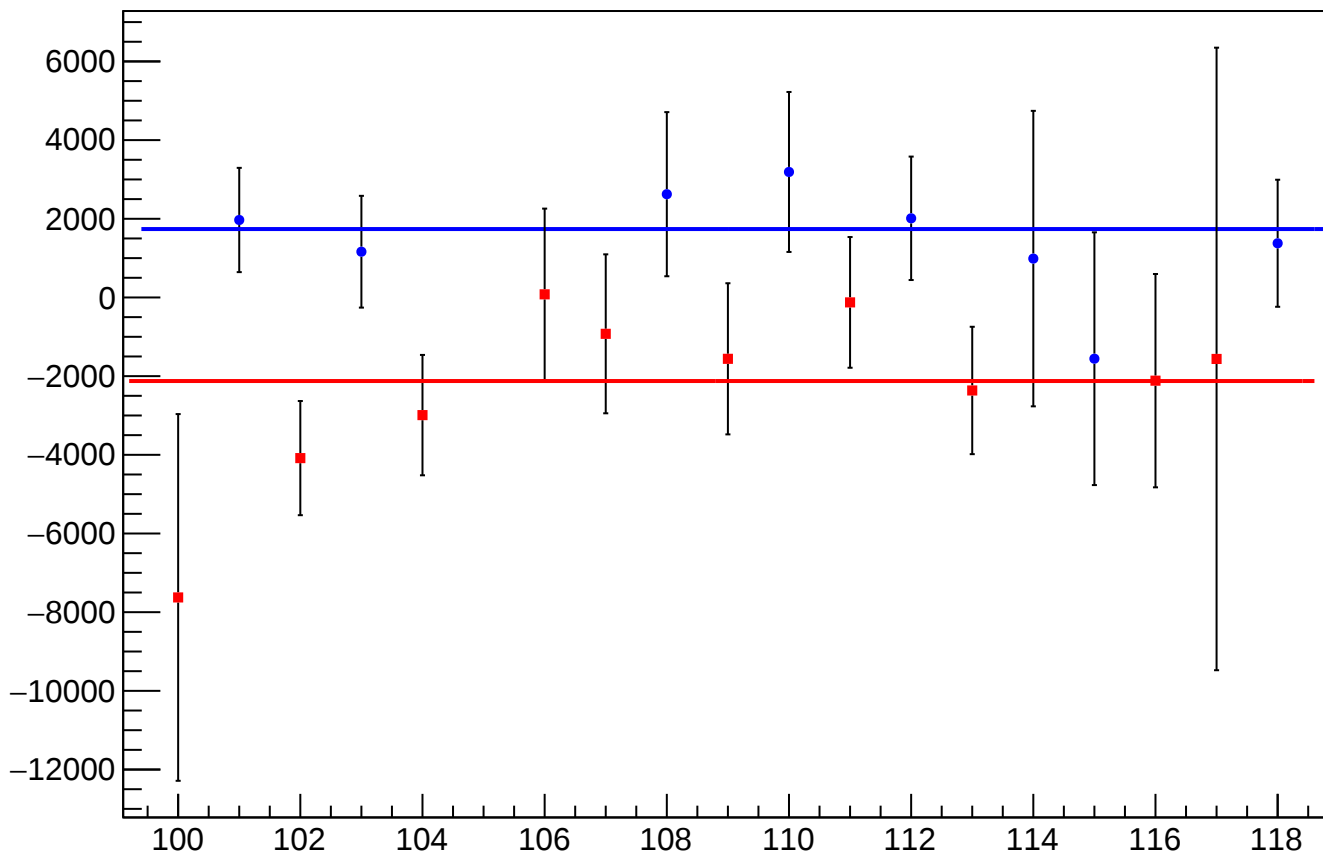
Right Out: 858.388 $\pm$ 0.346 χ^2 /NDF: 743411.0/9

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

963.221 $\pm$ 0.390 χ^2 /NDF: 114112.7/7

858.388 $\pm$ 0.346 χ^2 /NDF: 743411.0/9

cor_usl_mean vs Slug



Right In: 1739.113+/-633.193 χ^2/NDF : 2.1/7

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

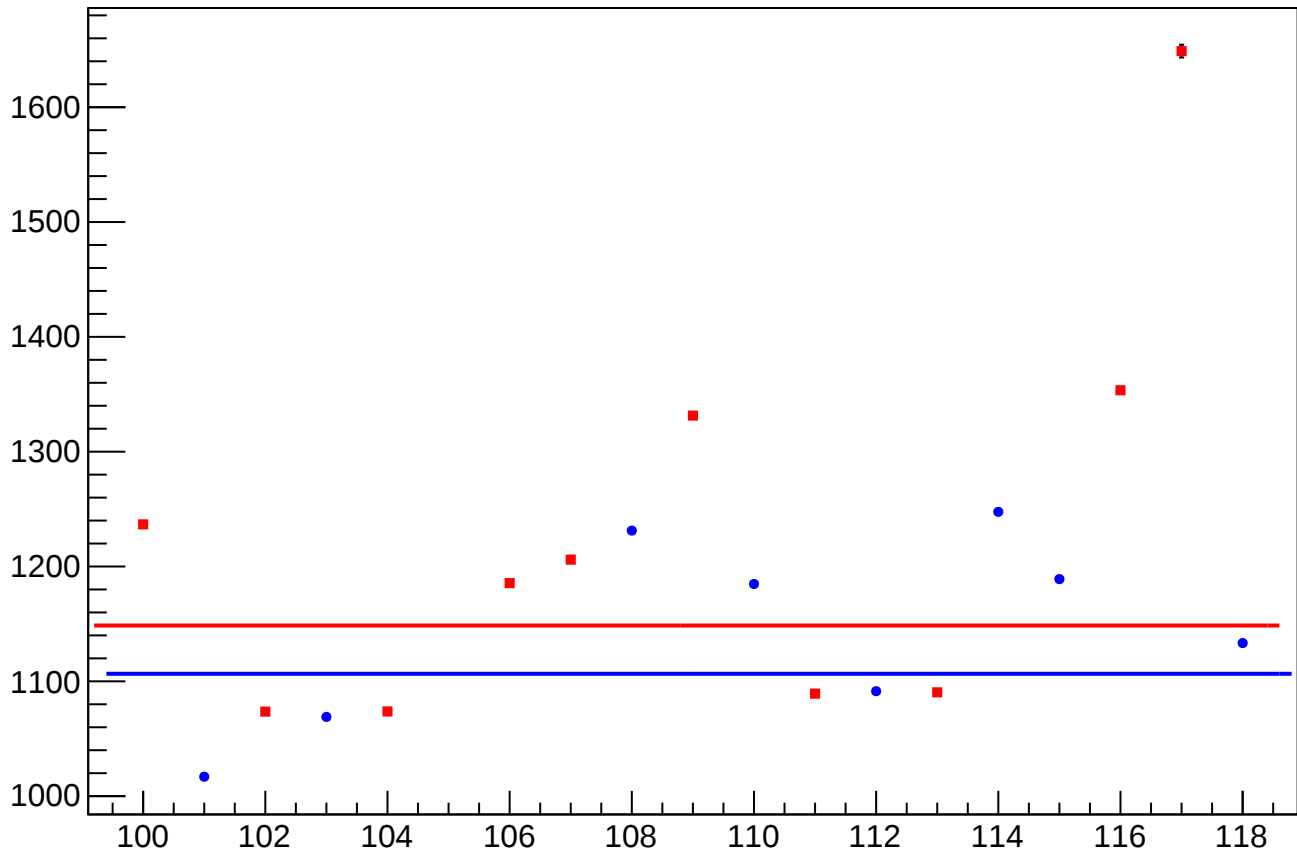
Right Out: -2124.112+/-623.738 χ^2/NDF : 6.5/9

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

1739.113+/-633.193 χ^2/NDF : 2.1/7

-2124.112+/-623.738 χ^2/NDF : 6.5/9

cor_usl_rms vs Slug



Right In: 1106.569 $\pm$ 0.448 χ^2 /NDF: 25531.9/7

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

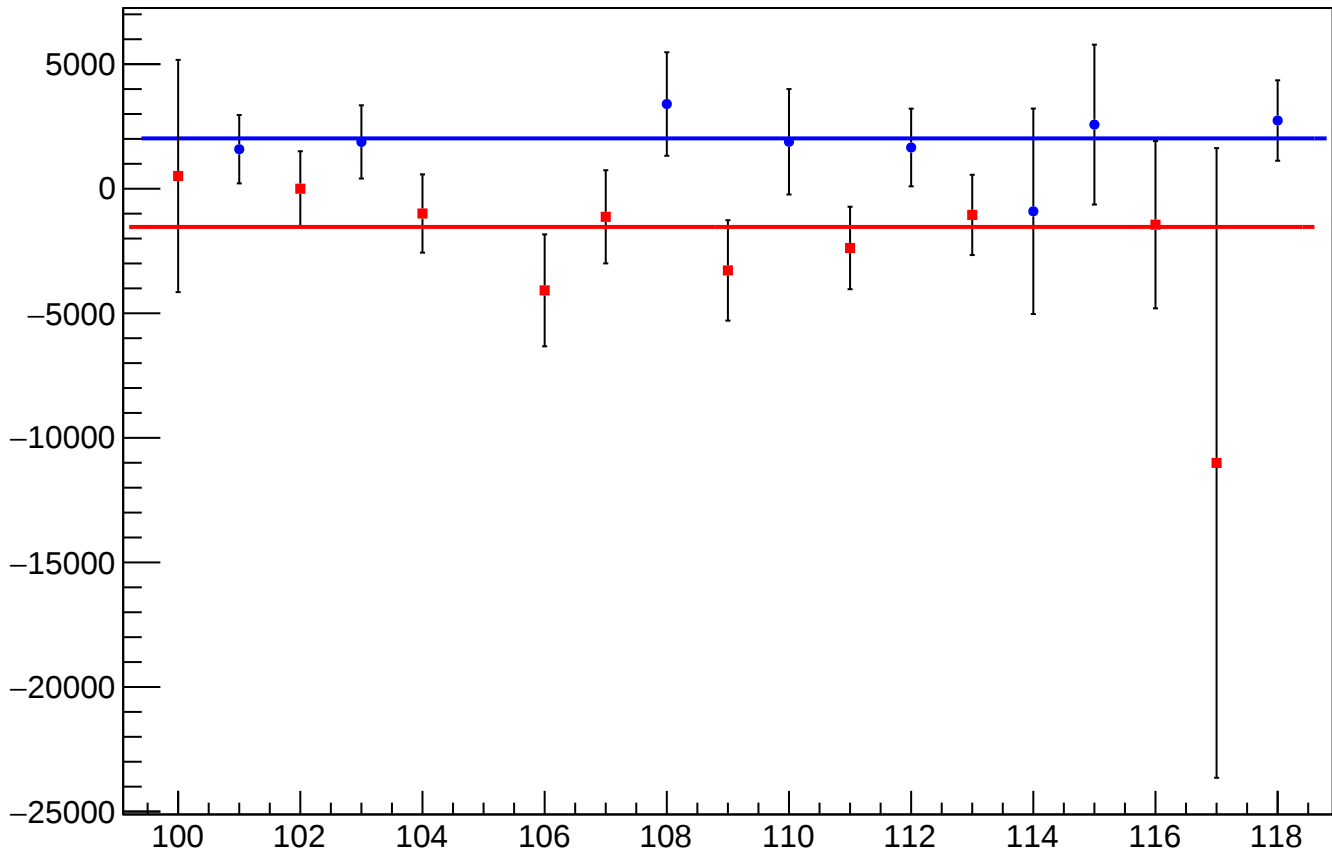
Right Out: 1148.615 $\pm$ 0.441 χ^2 /NDF: 55689.8/9

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

1106.569 $\pm$ 0.448 χ^2 /NDF: 25531.9/7

1148.615 $\pm$ 0.441 χ^2 /NDF: 55689.8/9

cor_usr_mean vs Slug



Right In: 2020.222+/-645.423 χ^2/NDF : 1.3/7

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

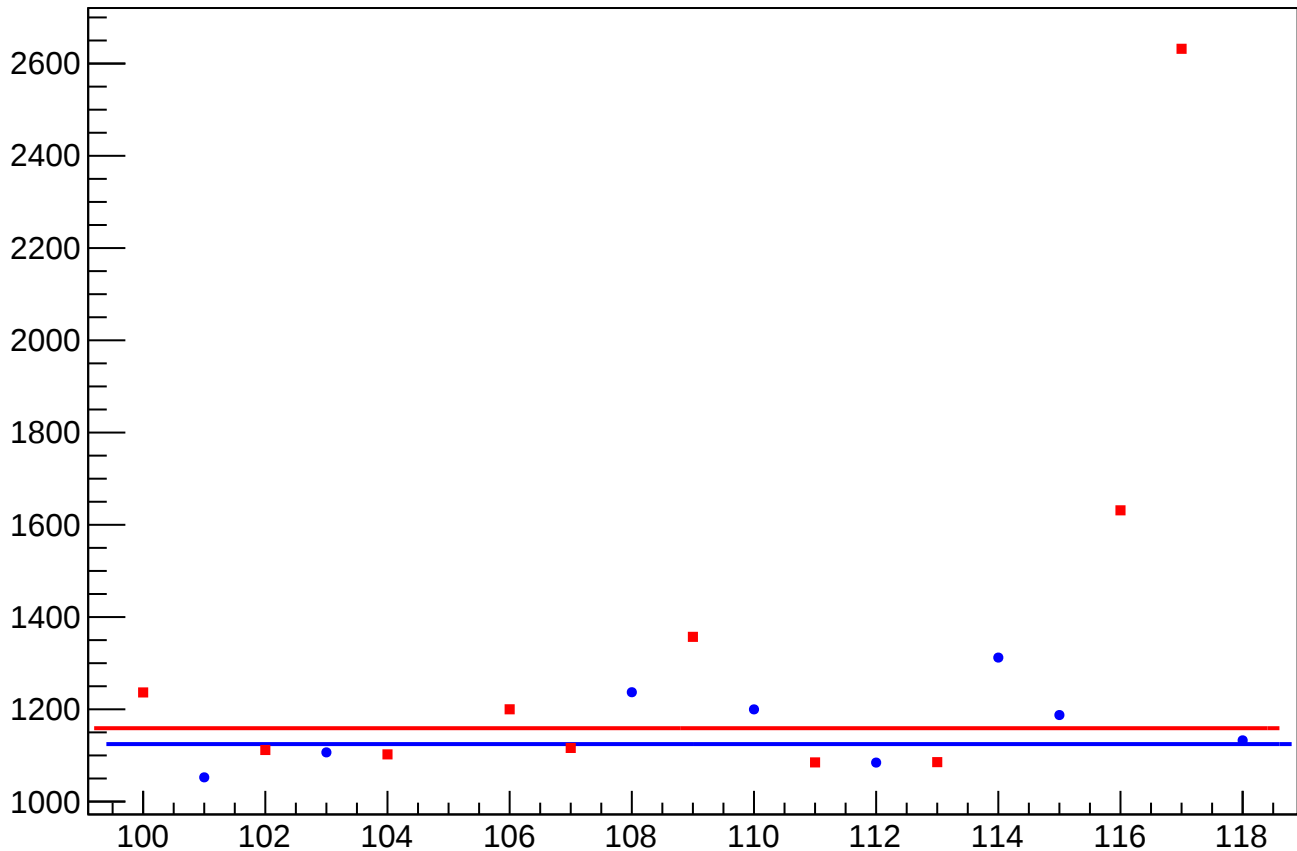
Right Out: -1533.361+/-636.352 χ^2/NDF : 4.3/9

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

2020.222+/-645.423 χ^2/NDF : 1.3/7

-1533.361+/-636.352 χ^2/NDF : 4.3/9

cor_usr_rms vs Slug



Right In: 1124.600 $\pm$ 0.456 χ^2 /NDF: 20499.3/7

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

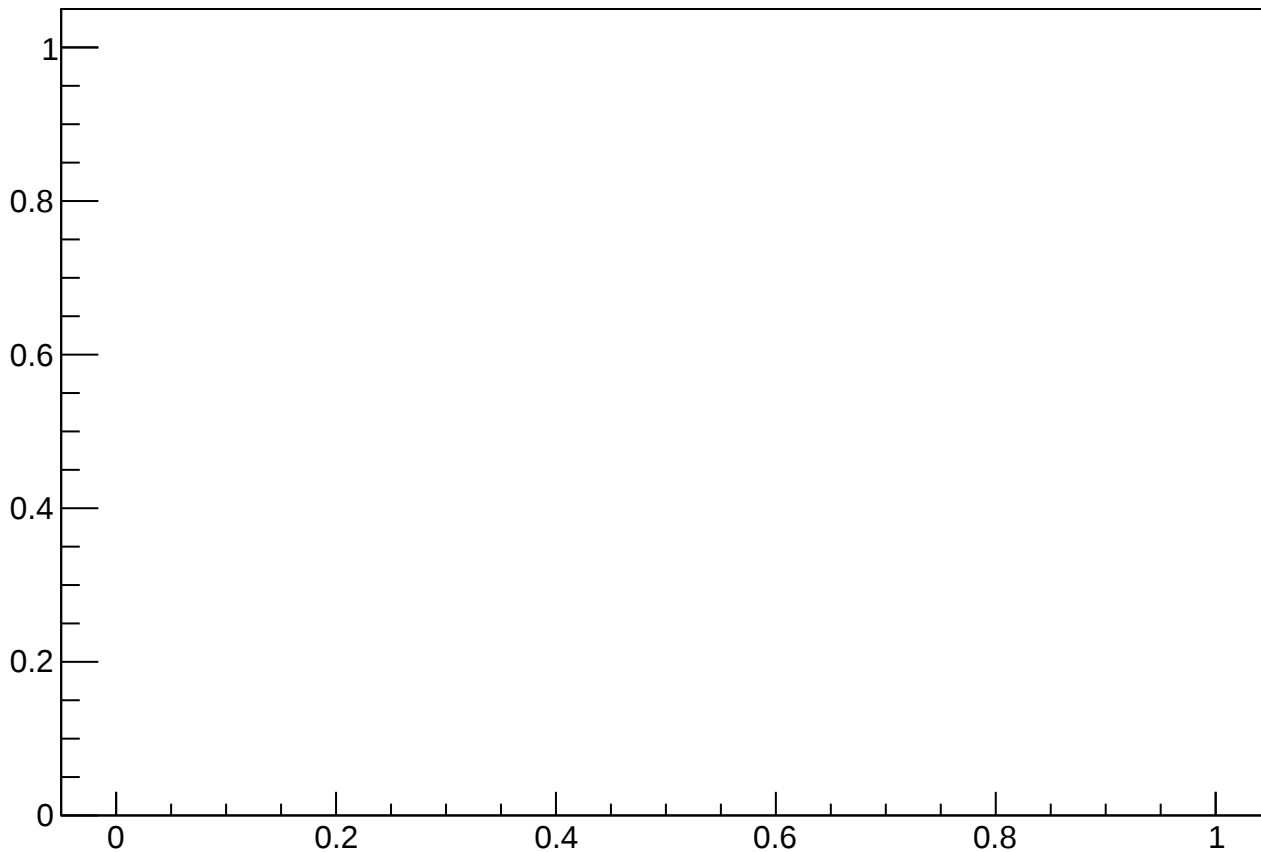
Right Out: 1159.040 $\pm$ 0.450 χ^2 /NDF: 101084.5/9

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

1124.600 $\pm$ 0.456 χ^2 /NDF: 20499.3/7

1159.040 $\pm$ 0.450 χ^2 /NDF: 101084.5/9

cor_dsl_mean vs Slug



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

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

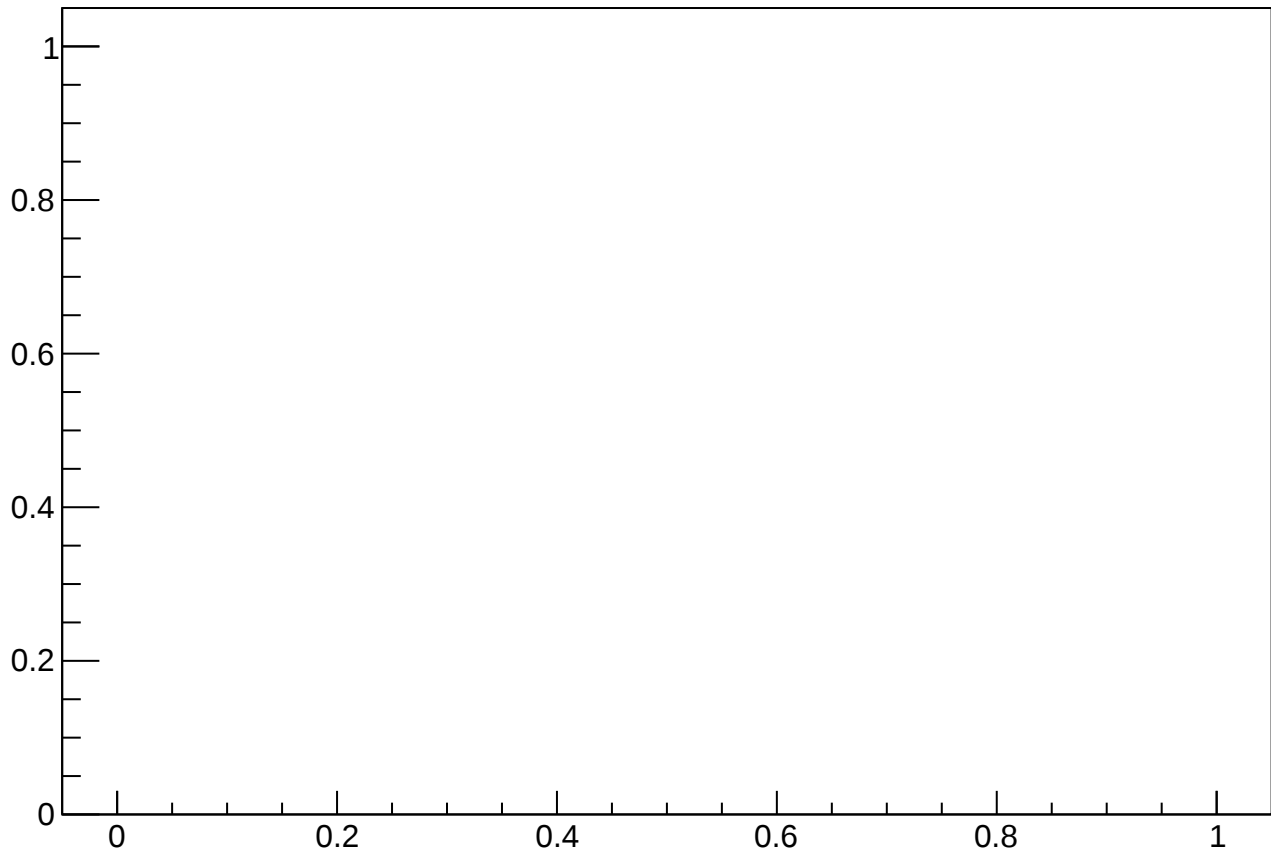
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_dsl_rms vs Slug



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

0.000+/-0.000 χ^2 /NDF: 0.0/0

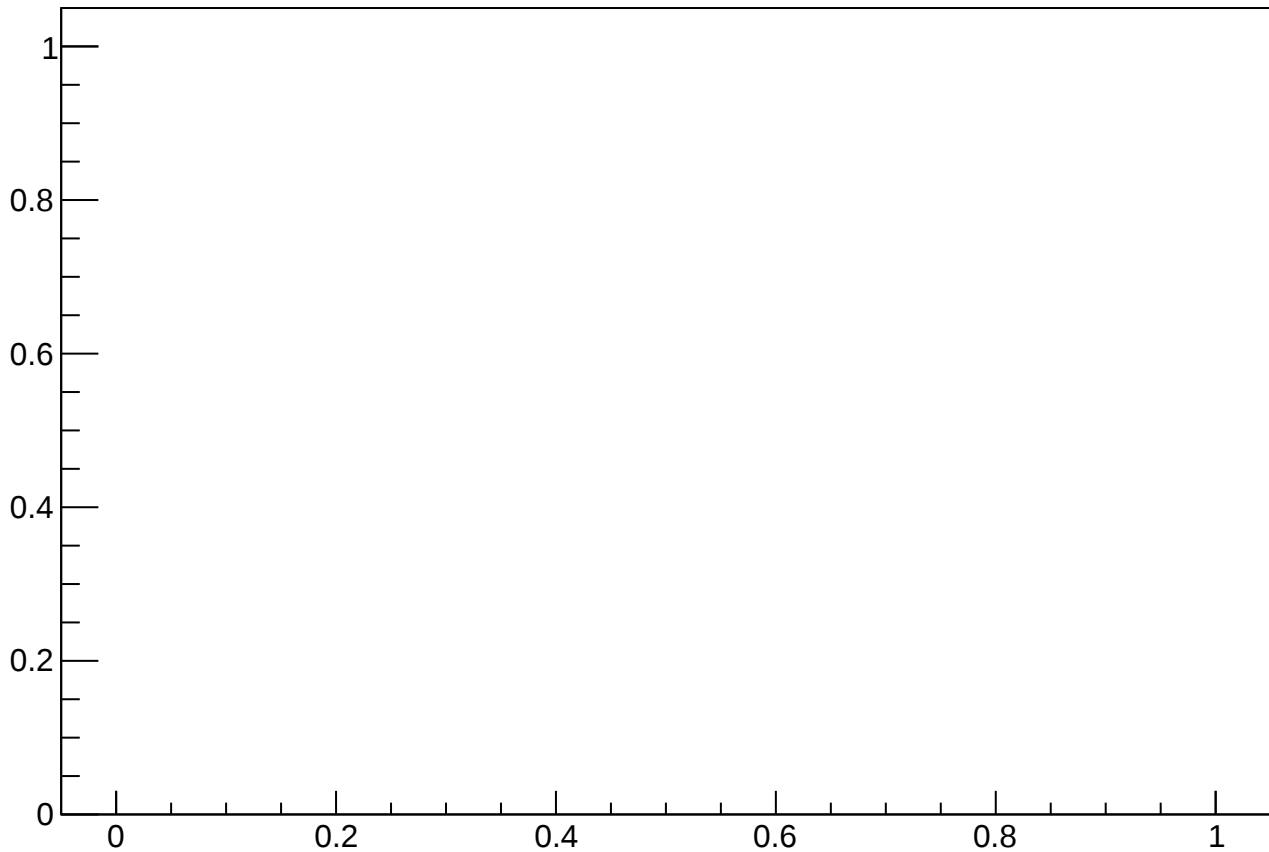
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_dsr_mean vs Slug



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

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

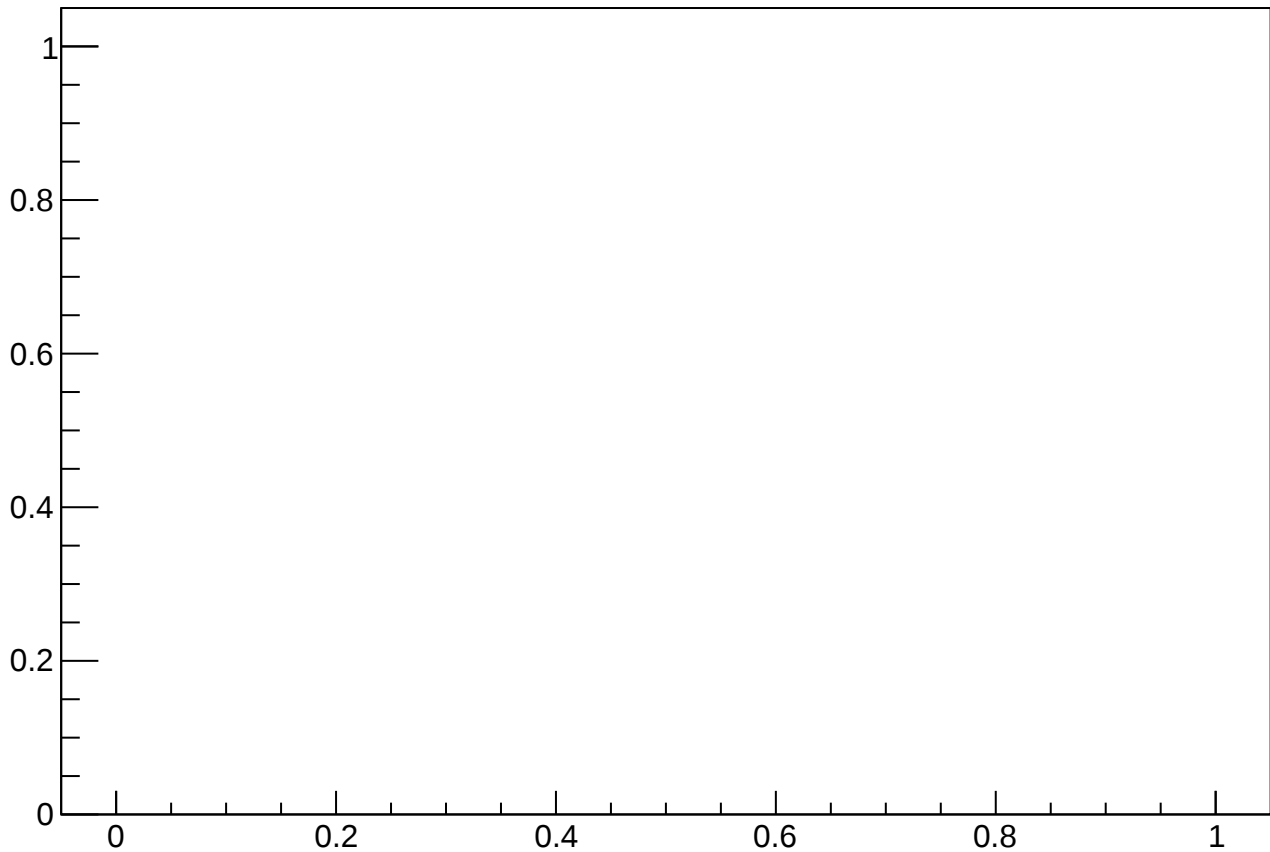
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_dsr_rms vs Slug



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

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

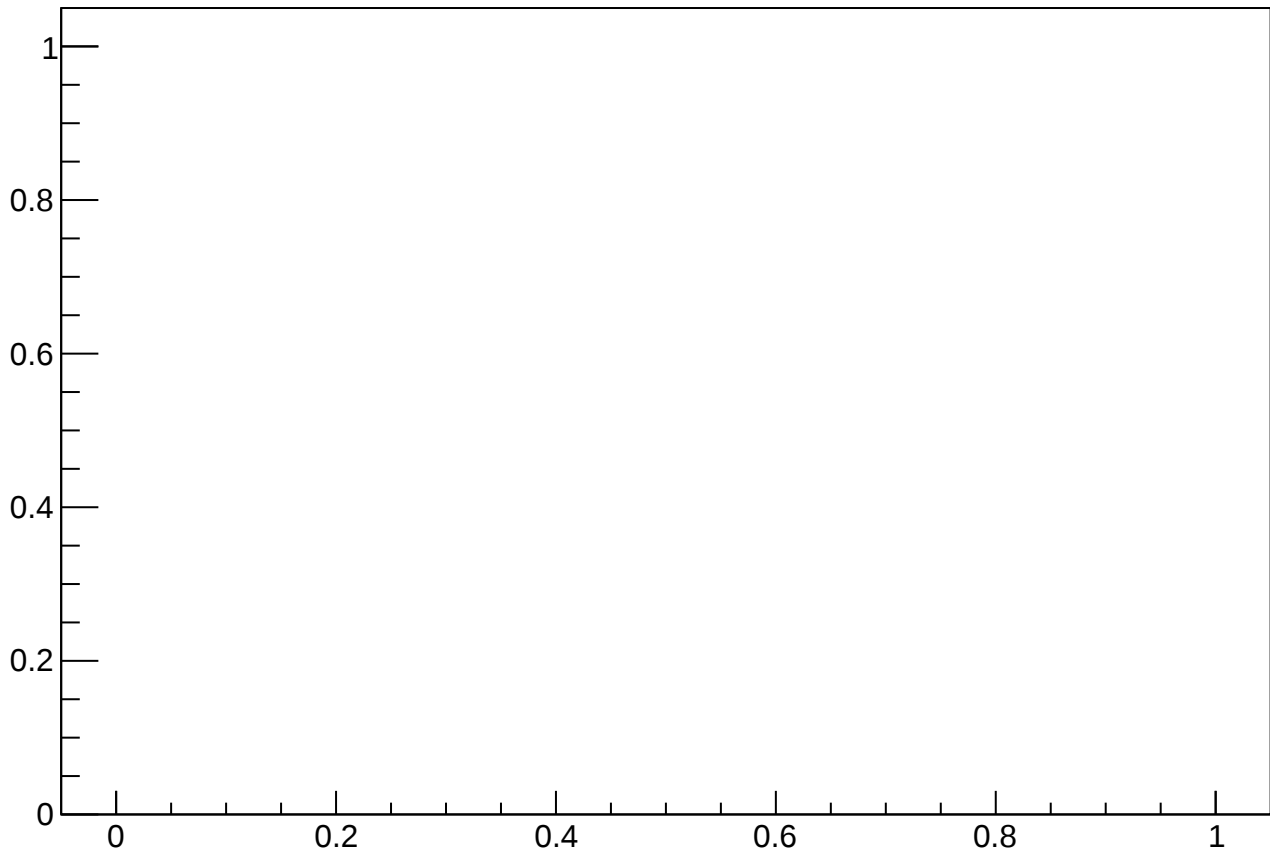
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_us_avg_mean vs Slug



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

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

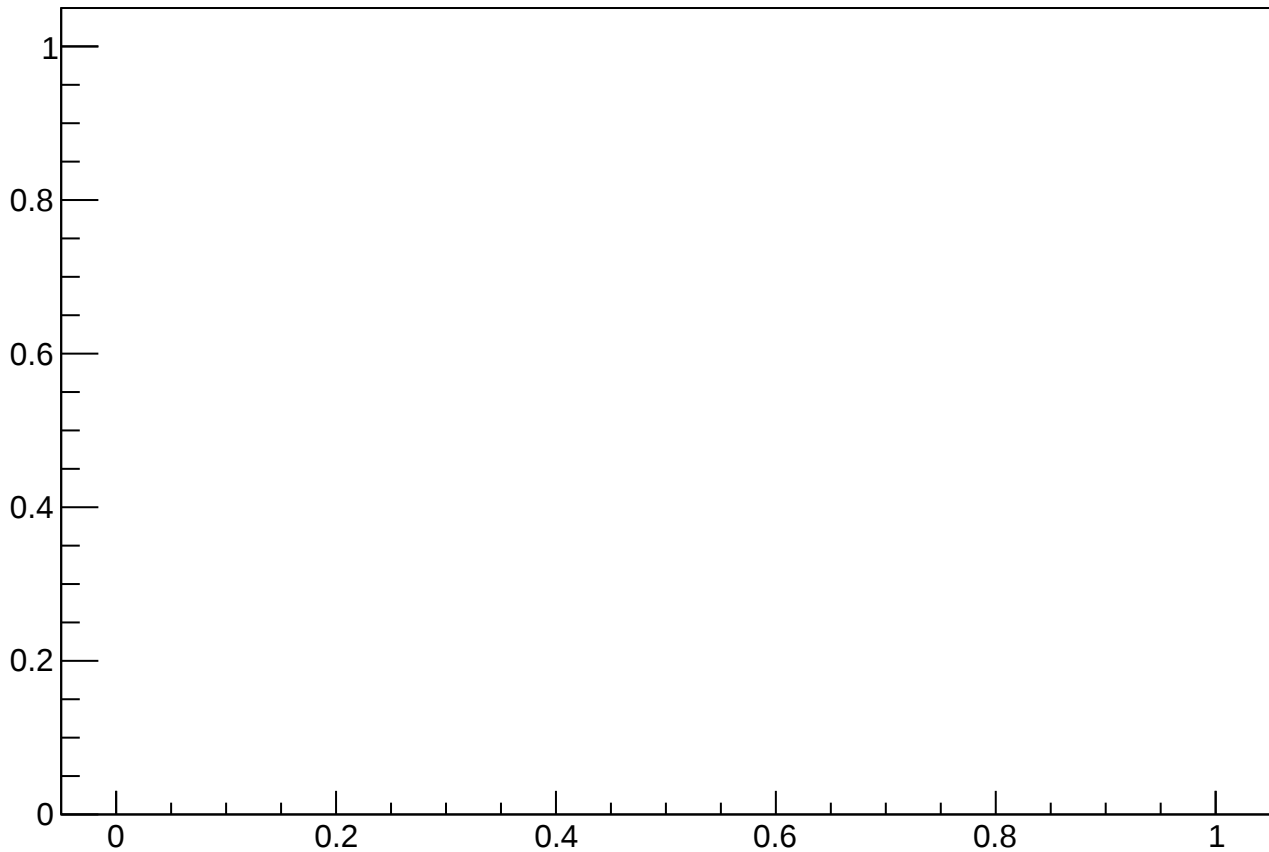
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_us_avg_rms vs Slug



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

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

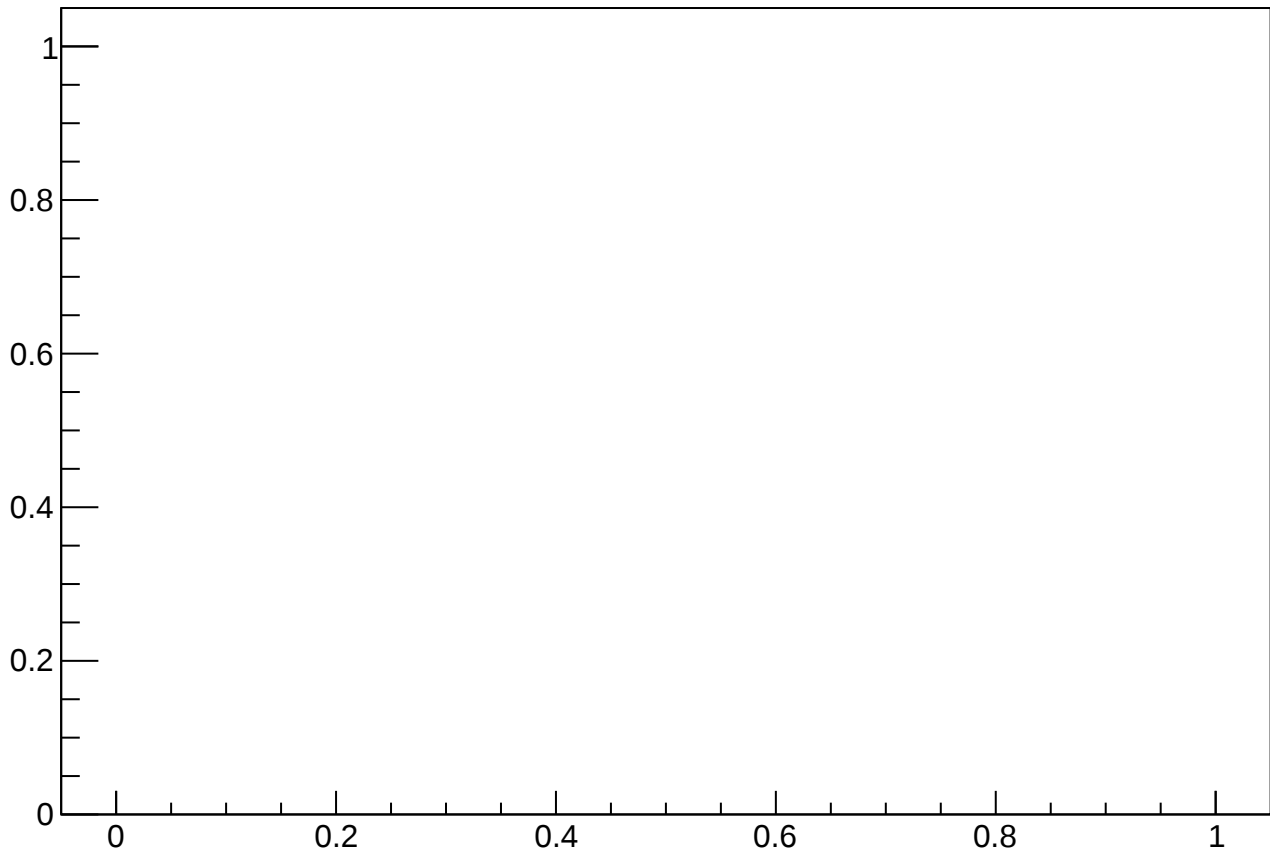
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_us_dd_mean vs Slug



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

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

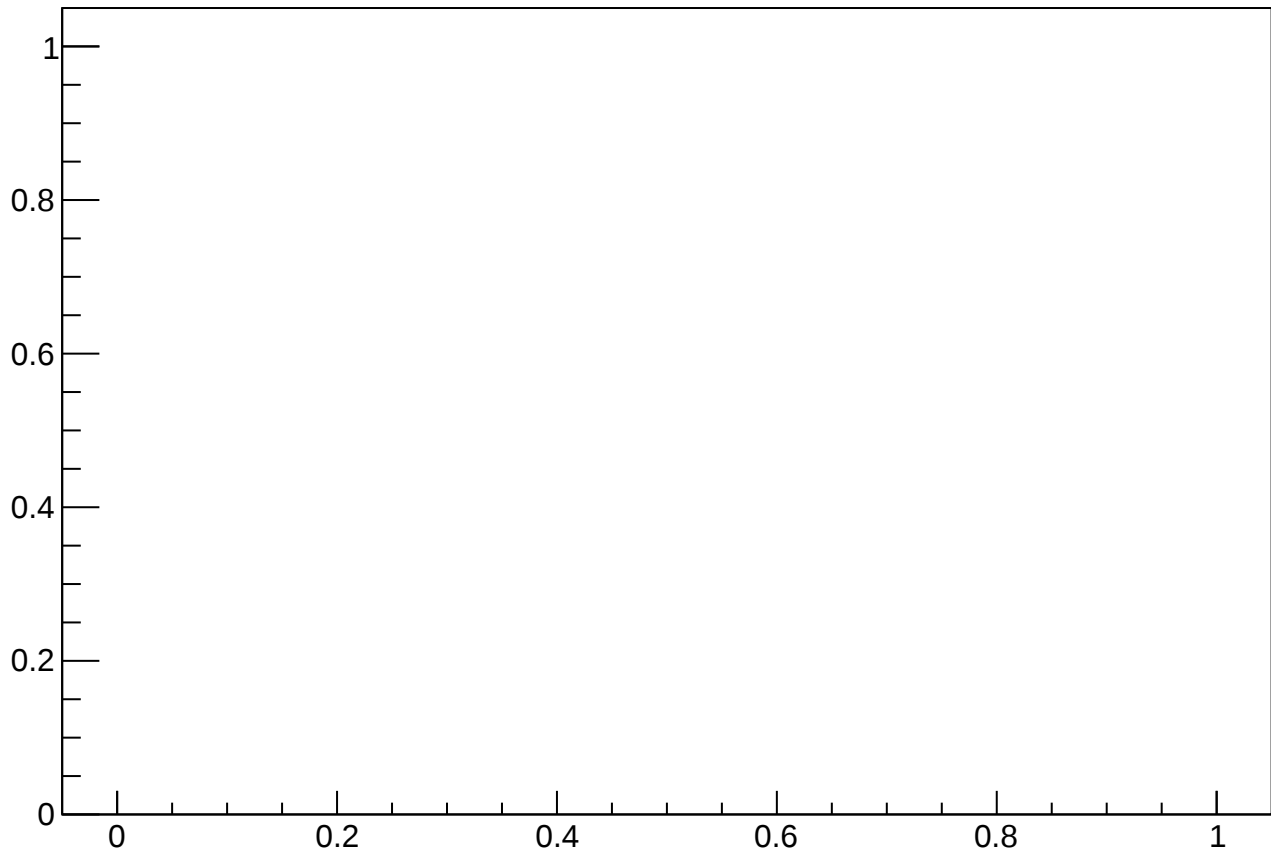
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_us_dd_rms vs Slug



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

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

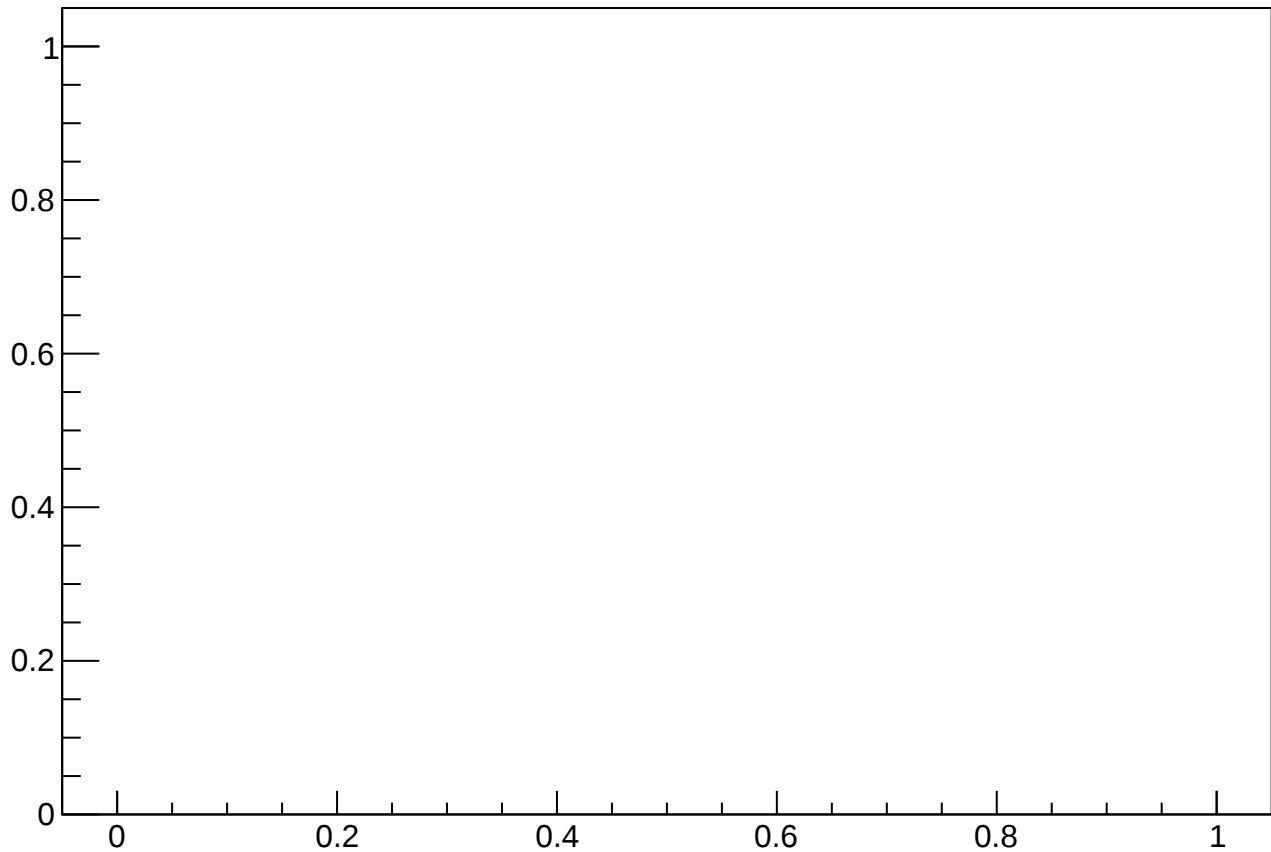
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_ds_avg_mean vs Slug



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

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

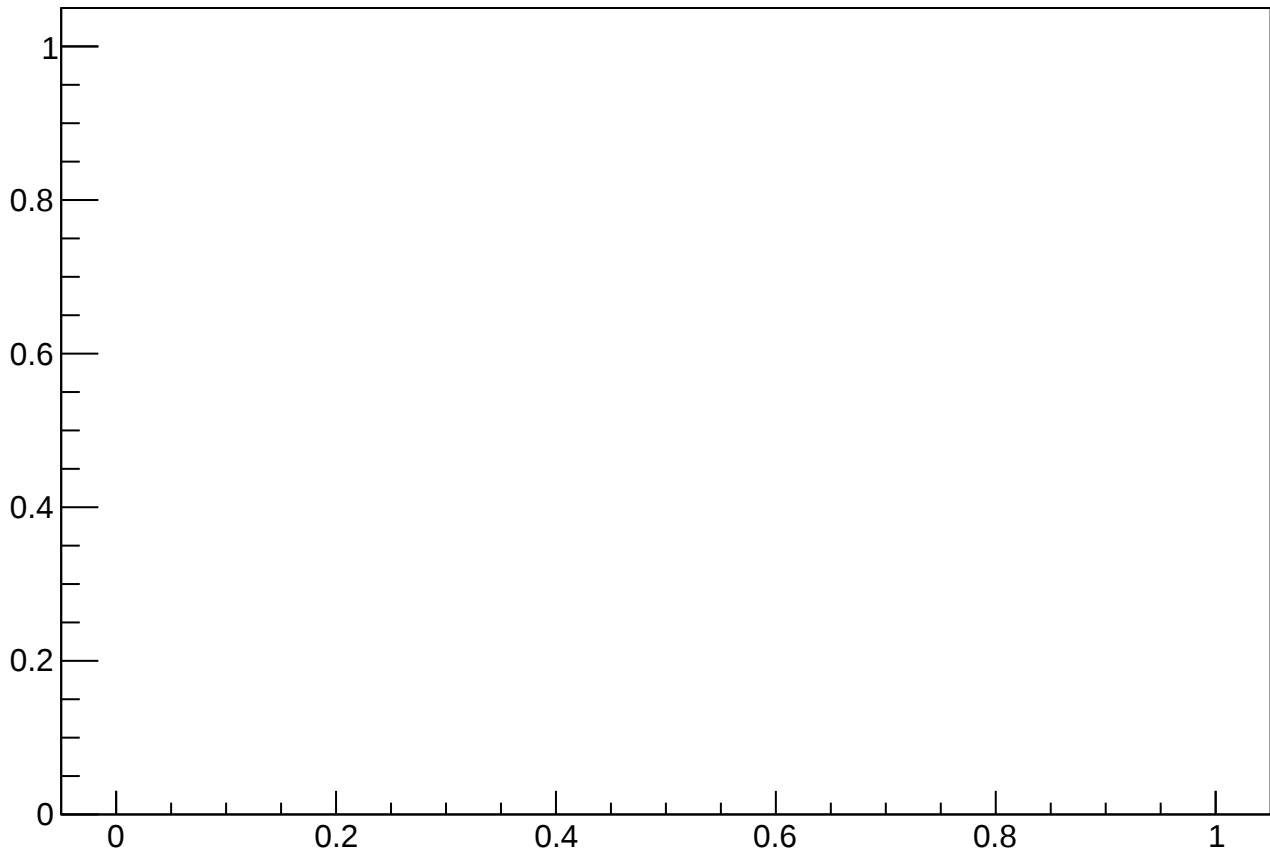
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_ds_avg_rms vs Slug



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

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

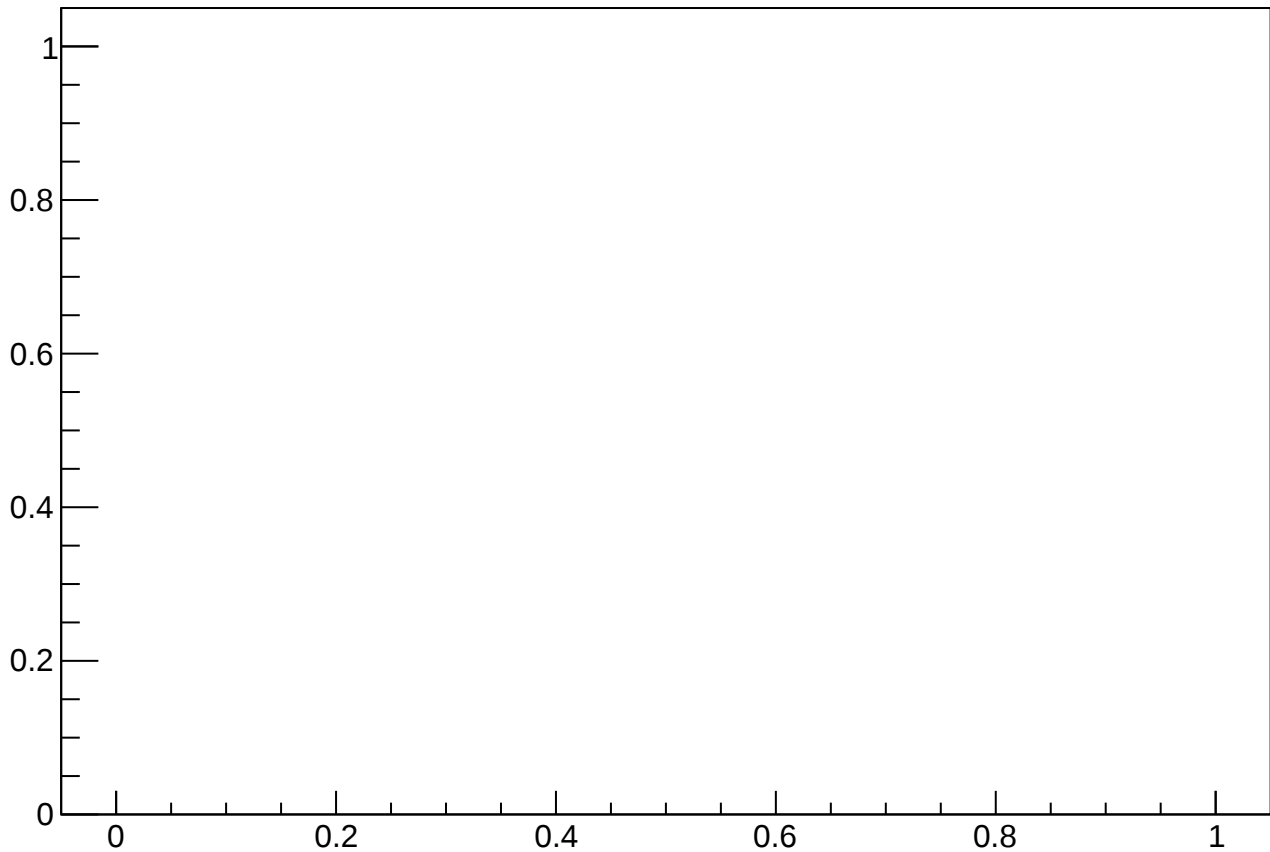
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_ds_dd_mean vs Slug



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

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

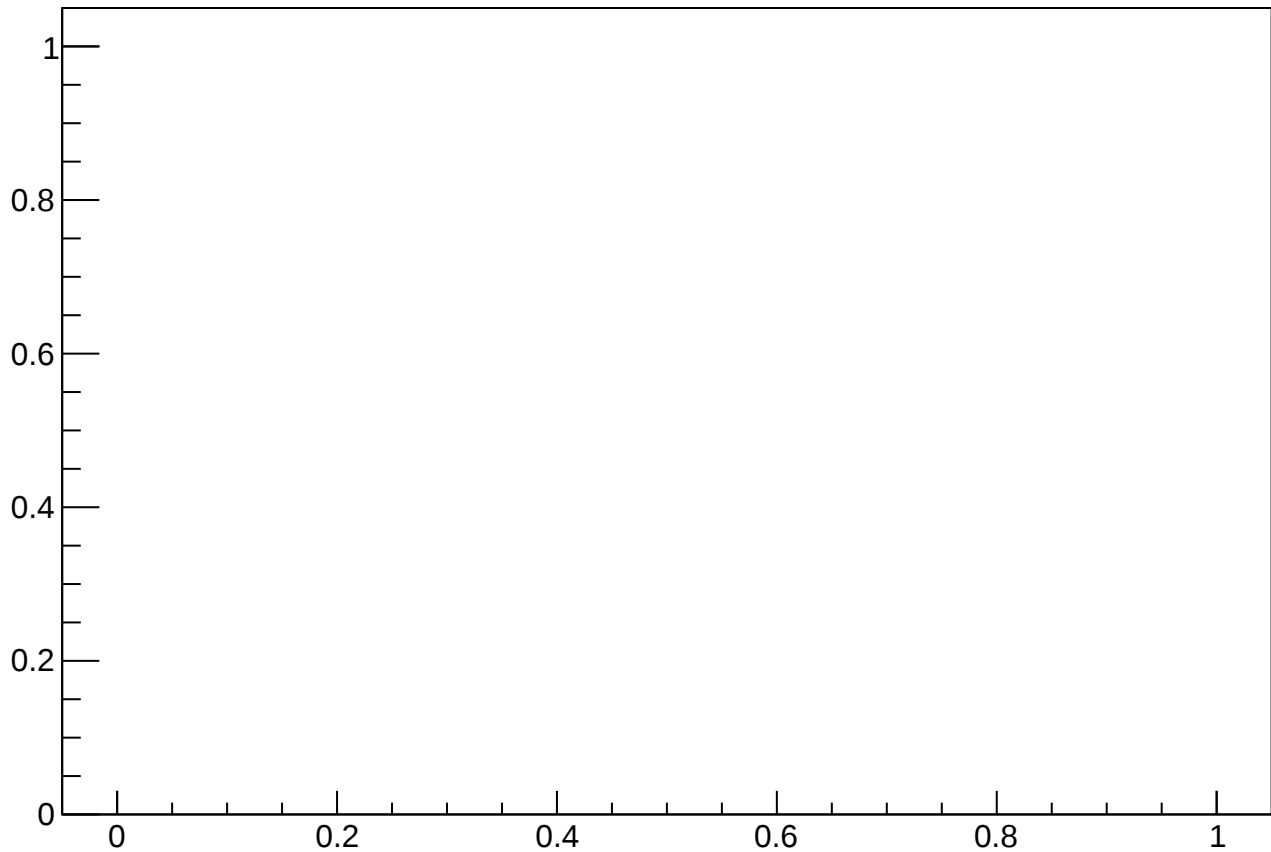
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_ds_dd_rms vs Slug



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

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

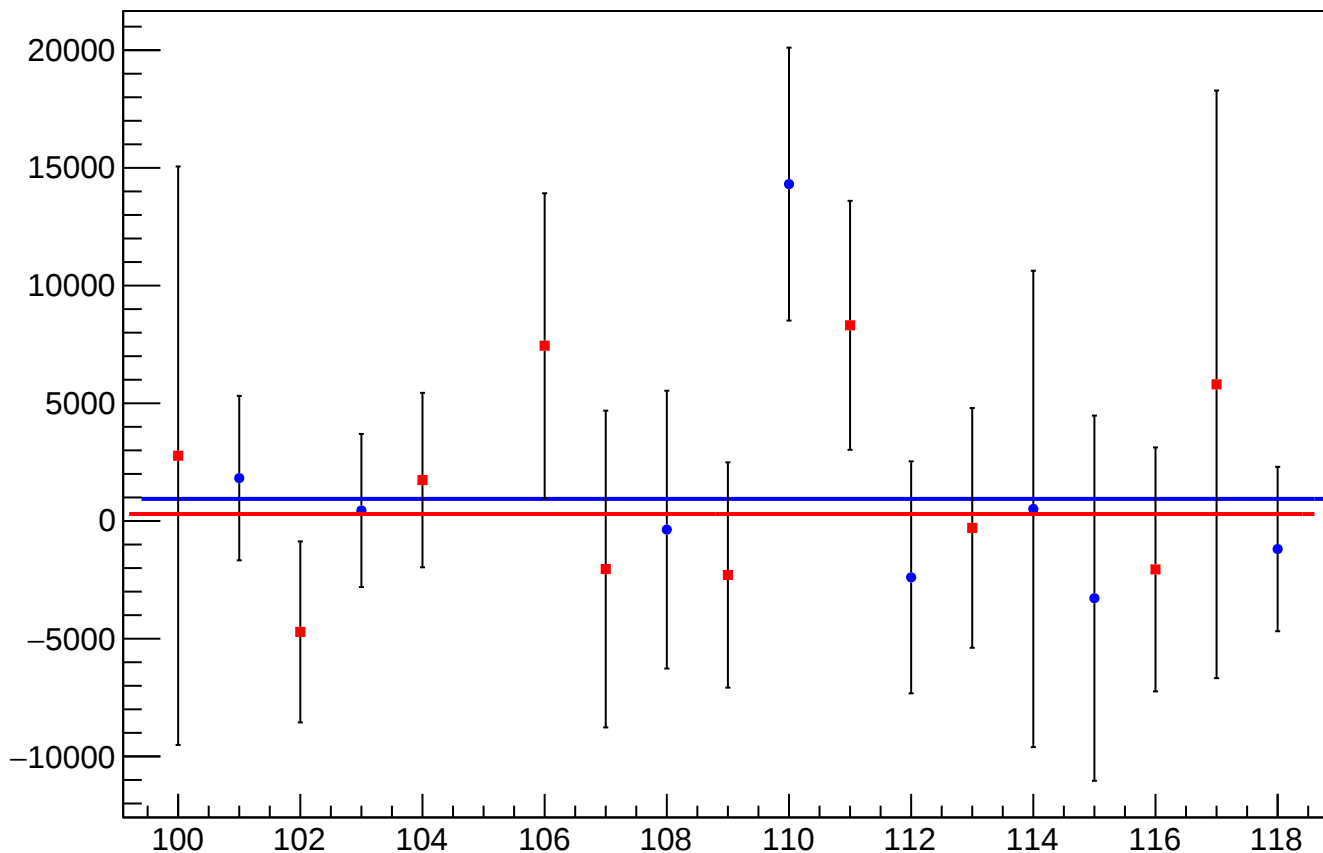
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

reg_asym_atl1_mean vs Slug



Right In: 939.251+/-1612.581 χ^2/NDF : 6.6/7

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

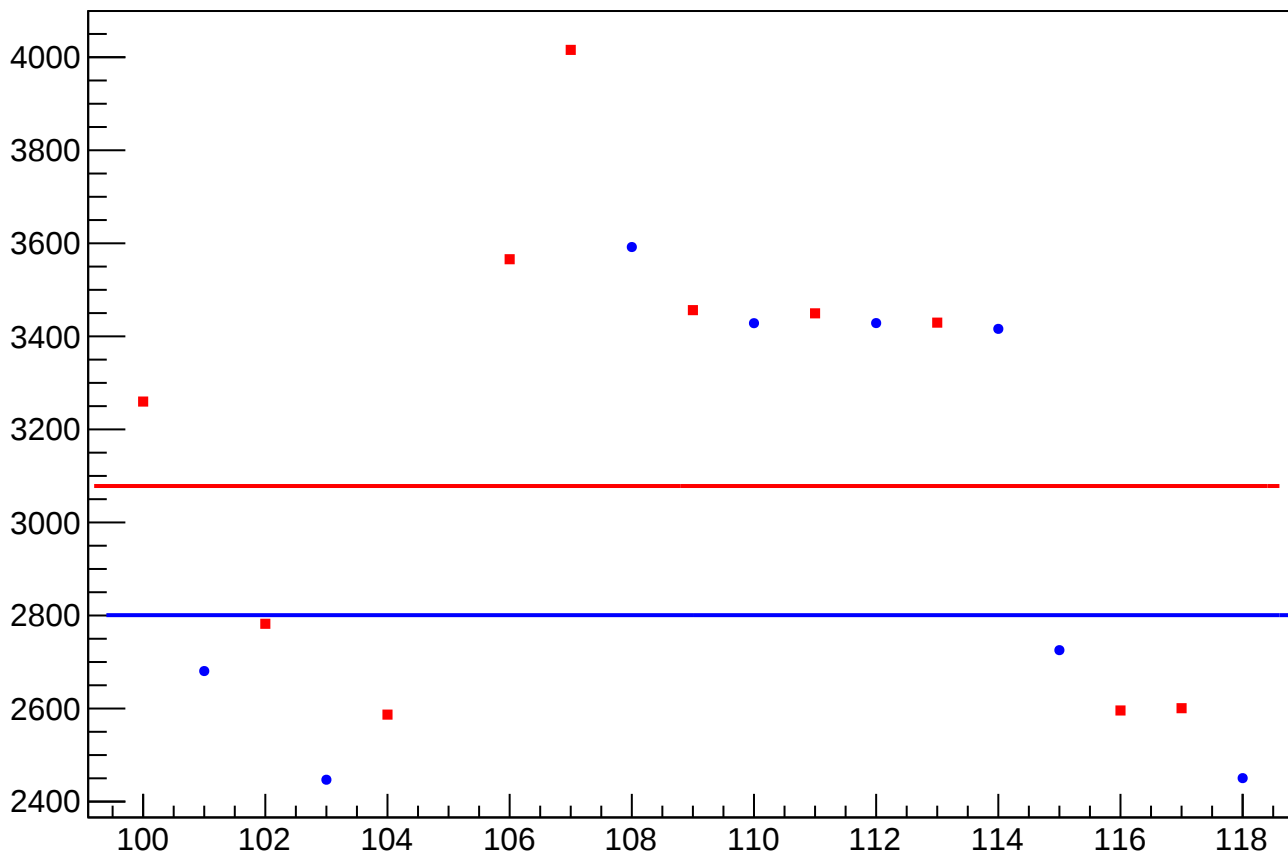
Right Out: 296.709+/-1678.988 χ^2/NDF : 6.2/9

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

939.251+/-1612.581 χ^2/NDF : 6.6/7

296.709+/-1678.988 χ^2/NDF : 6.2/9

reg_asym_atl1_rms vs Slug



Right In: 2800.716 $\pm$ 1.140 χ^2 /NDF: 145615.6/7

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

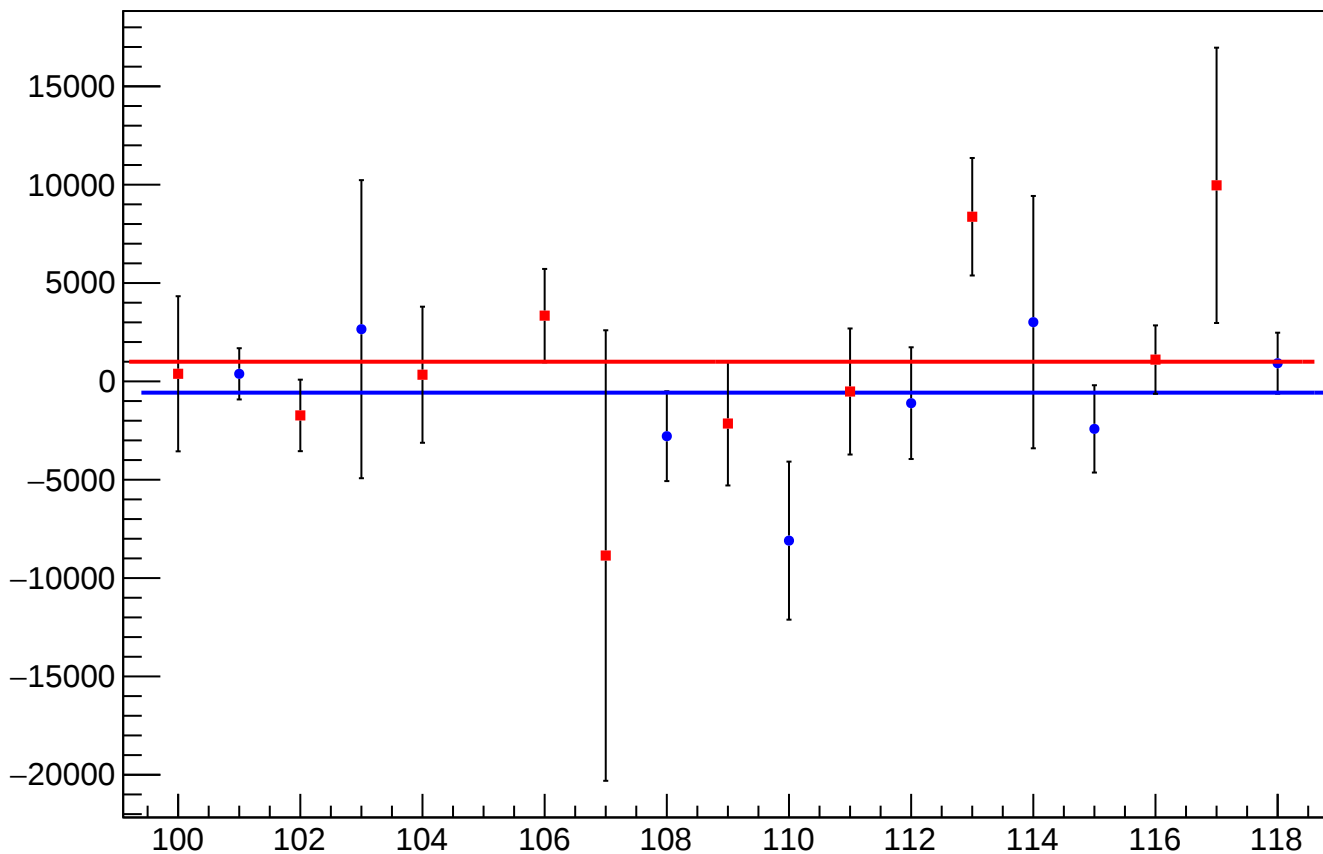
Right Out: 3078.313 $\pm$ 1.187 χ^2 /NDF: 149768.2/9

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

2800.716 $\pm$ 1.140 χ^2 /NDF: 145615.6/7

3078.313 $\pm$ 1.187 χ^2 /NDF: 149768.2/9

asym_atl1_correction_mean vs Slug



Right In: -573.409+/-783.692 χ^2/NDF : 7.1/7

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

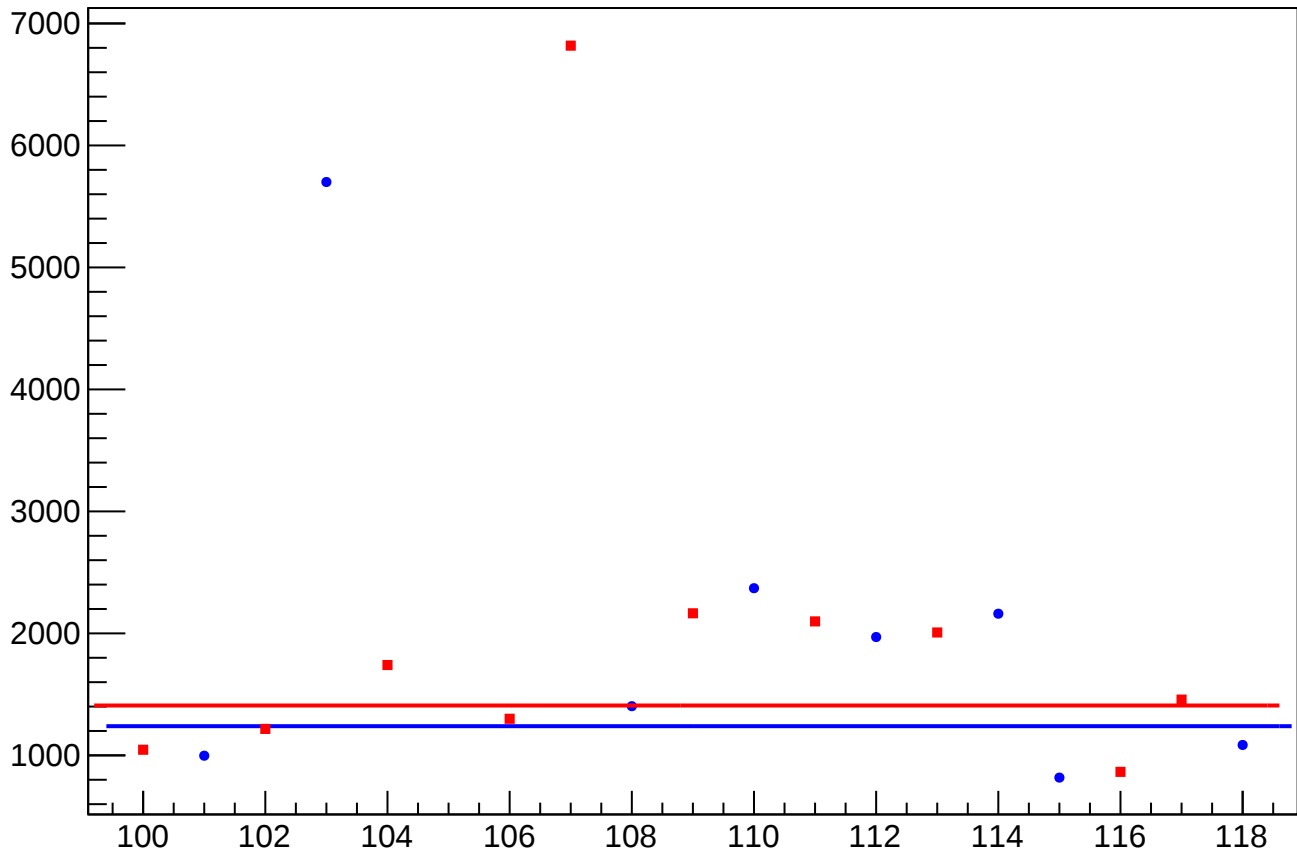
Right Out: 999.570+/-878.180 χ^2/NDF : 13.0/9

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

-573.409+/-783.692 χ^2/NDF : 7.1/7

999.570+/-878.180 χ^2/NDF : 13.0/9

asym_atl1_correction_rms vs Slug



Right In: 1239.236 $\pm$ 0.554 χ^2 /NDF: 1196830.4/7

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

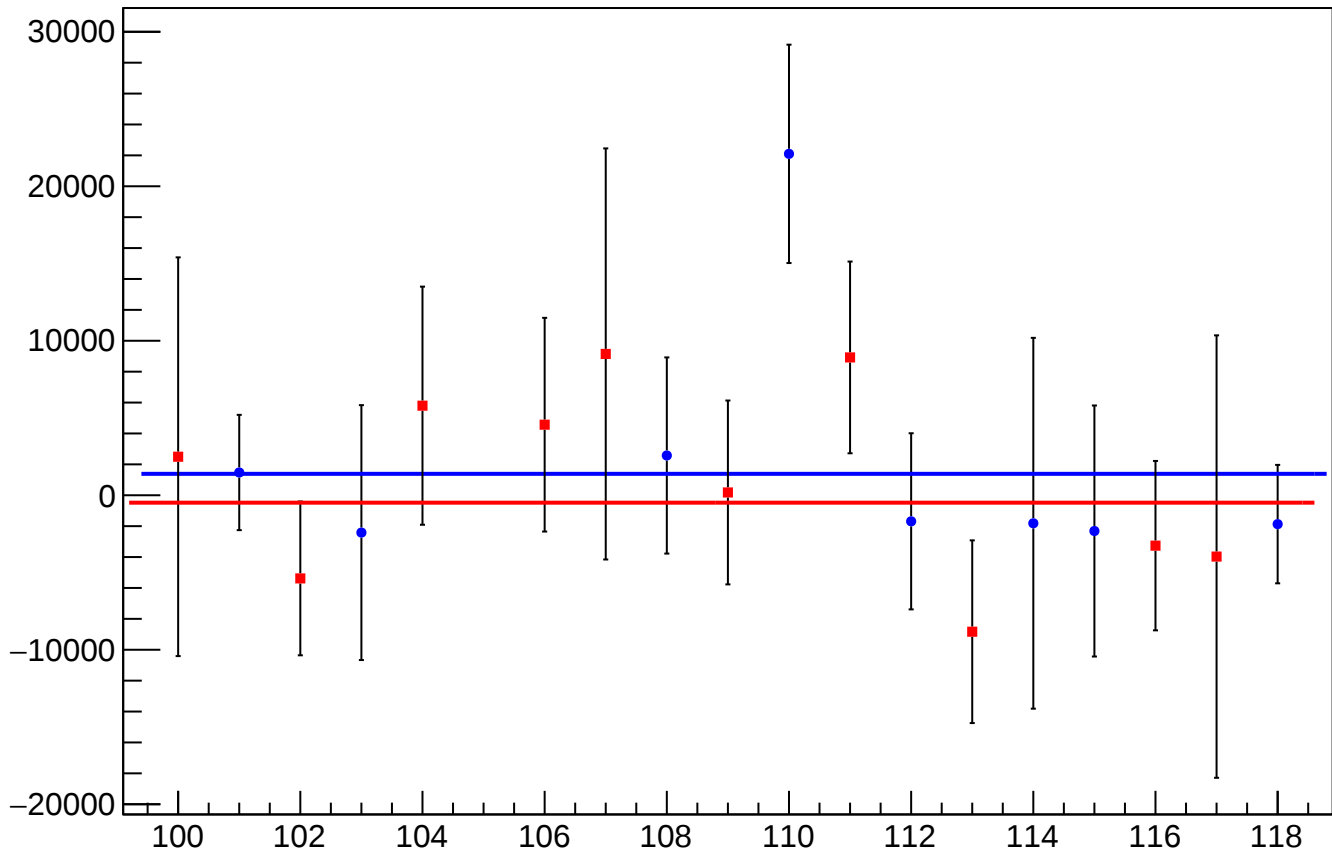
Right Out: 1408.809 $\pm$ 0.621 χ^2 /NDF: 991717.6/9

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

1239.236 $\pm$ 0.554 χ^2 /NDF: 1196830.4/7

1408.809 $\pm$ 0.621 χ^2 /NDF: 991717.6/9

asym_atl1_mean vs Slug



Right In: 1387.089+/-1990.935 χ^2/NDF : 10.1/7

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

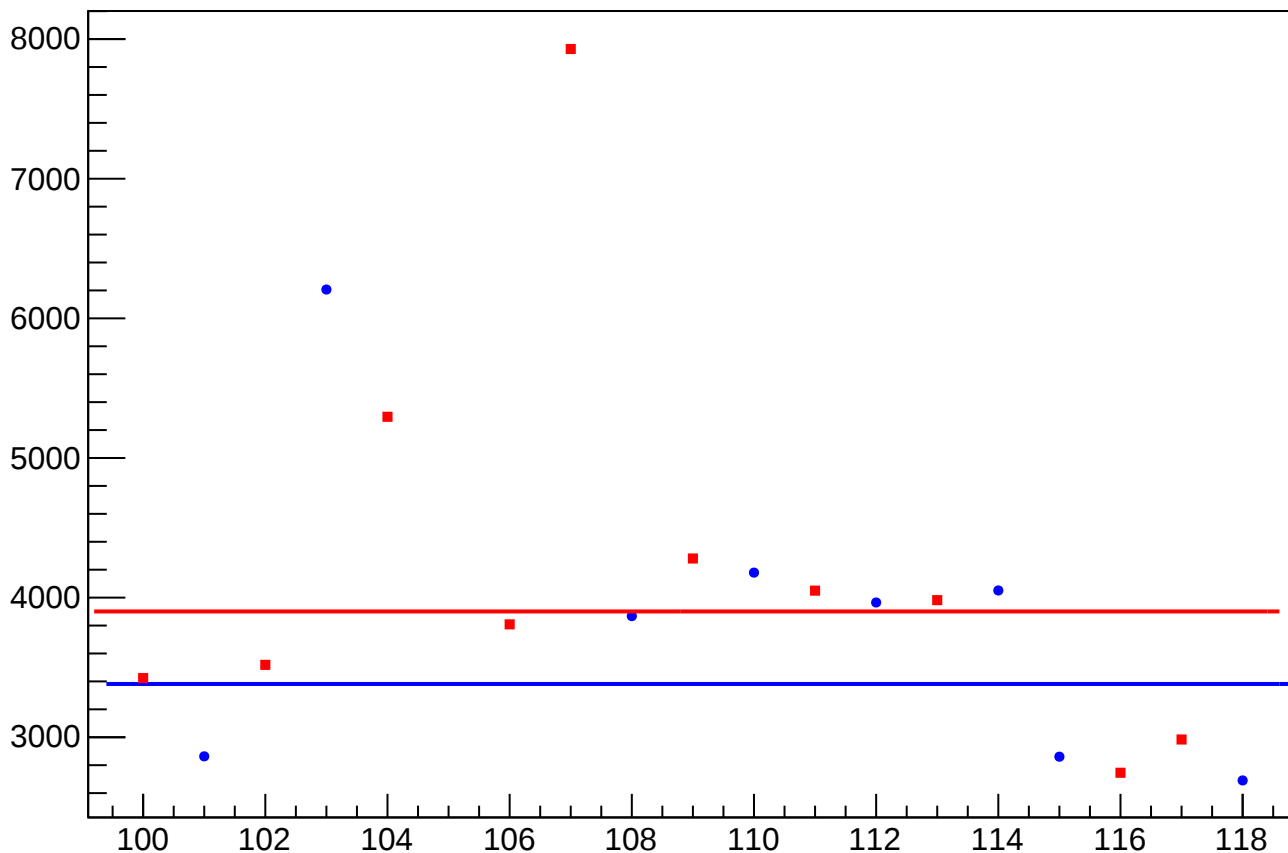
Right Out: -479.987+/-2178.459 χ^2/NDF : 7.4/9

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

1387.089+/-1990.935 χ^2/NDF : 10.1/7

-479.987+/-2178.459 χ^2/NDF : 7.4/9

asym_atl1_rms vs Slug



Right In: 3381.602+/-1.408 χ^2/NDF : 410661.3/7

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

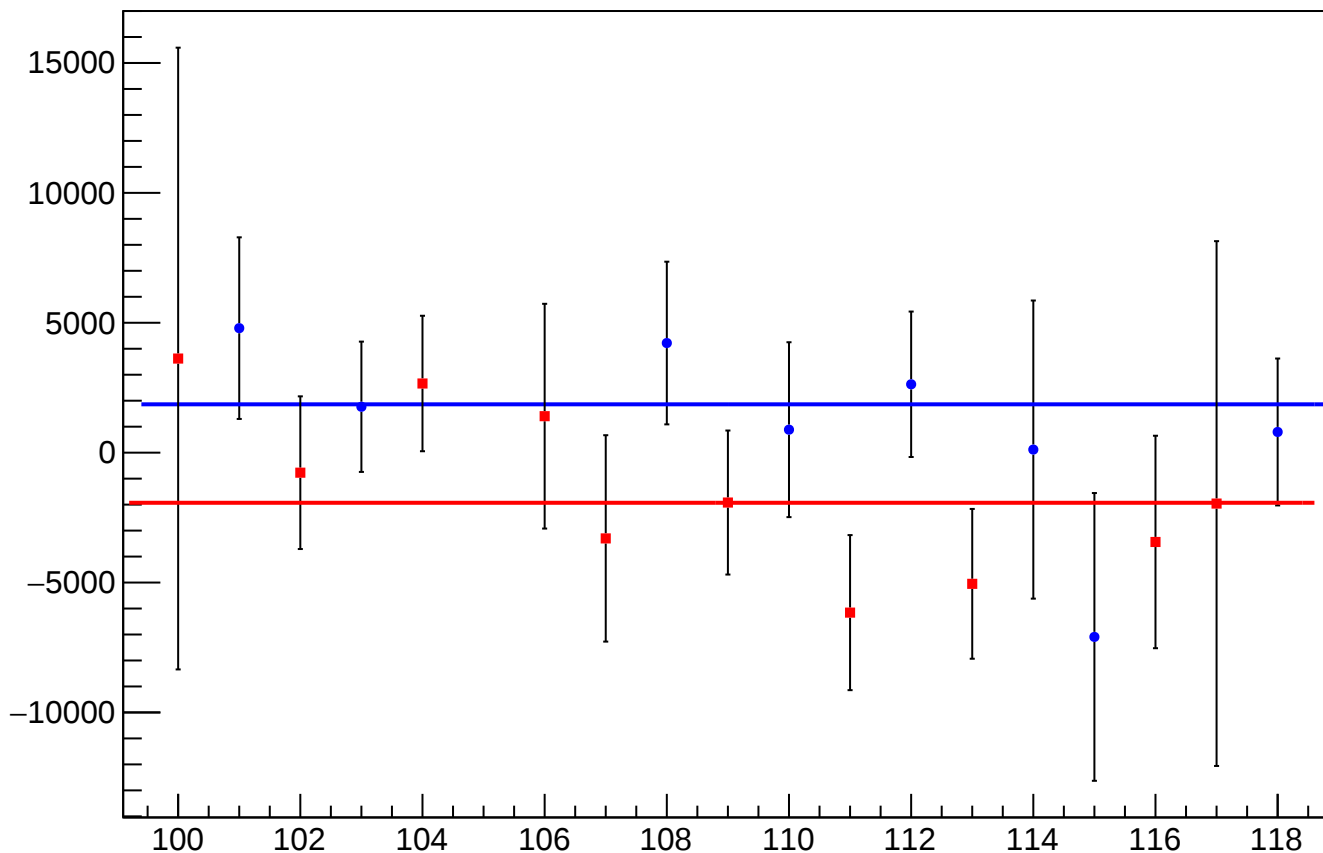
Right Out: 3900.965+/-1.540 χ^2/NDF : 370323.9/9

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

3381.602+/-1.408 χ^2/NDF : 410661.3/7

3900.965+/-1.540 χ^2/NDF : 370323.9/9

reg_asym_atl2_mean vs Slug



Right In: 1860.663 $\pm$ 1157.181 χ^2 /NDF: 4.3/7

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

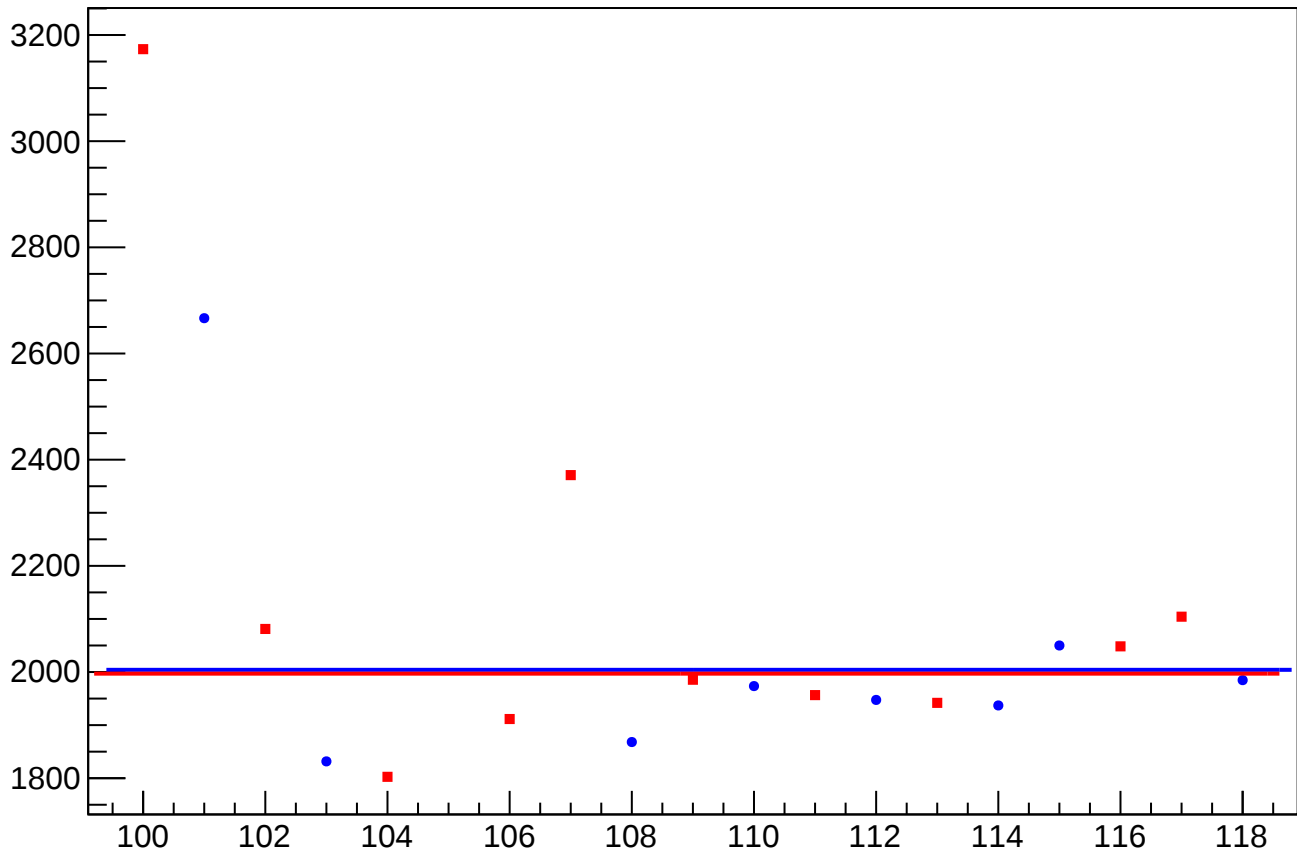
Right Out: -1929.326 $\pm$ 1105.015 χ^2 /NDF: 7.5/9

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

1860.663 $\pm$ 1157.181 χ^2 /NDF: 4.3/7

-1929.326 $\pm$ 1105.015 χ^2 /NDF: 7.5/9

reg_asym_atl2_rms vs Slug



Right In: 2004.158+/-0.818 χ^2/NDF : 86541.9/7

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

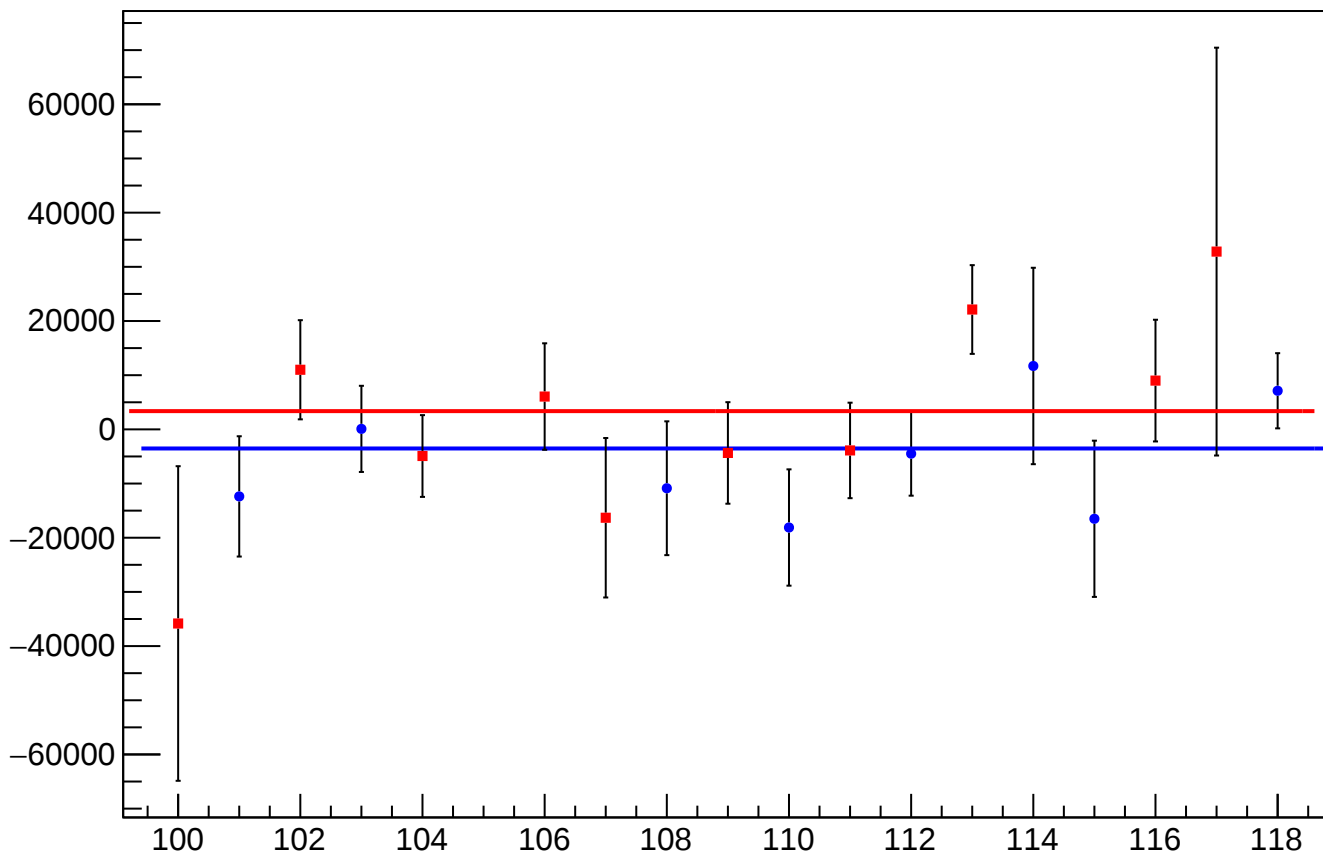
Right Out: 1996.949+/-0.781 χ^2/NDF : 52257.5/9

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

2004.158+/-0.818 χ^2/NDF : 86541.9/7

1996.949+/-0.781 χ^2/NDF : 52257.5/9

asym_atl2_correction_mean vs Slug



Right In: -3527.667 $\pm$ 3441.499 χ^2 /NDF: 6.9/7

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

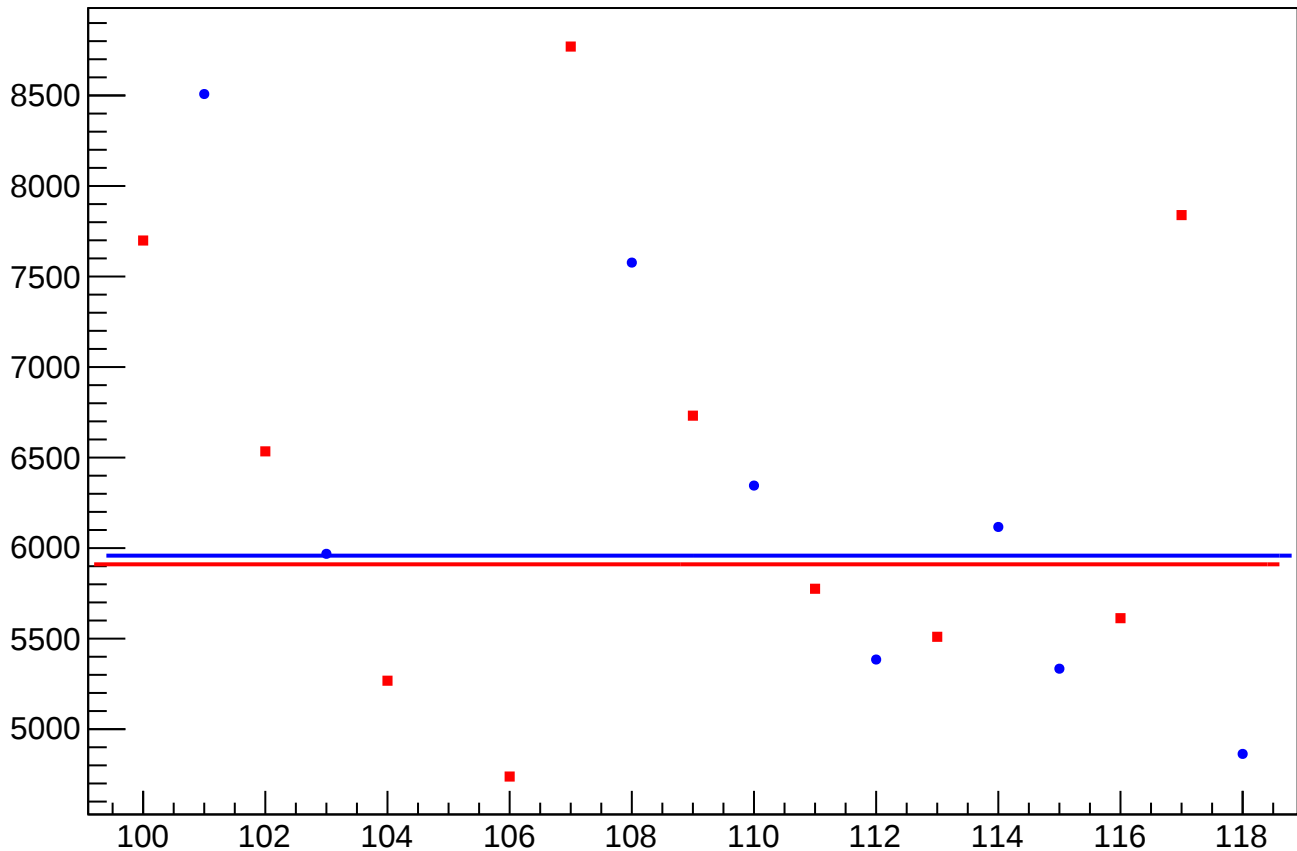
Right Out: 3367.027 $\pm$ 3270.854 χ^2 /NDF: 13.1/9

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

-3527.667 $\pm$ 3441.499 χ^2 /NDF: 6.9/7

3367.027 $\pm$ 3270.854 χ^2 /NDF: 13.1/9

asym_atl2_correction_rms vs Slug



Right In: 5958.352 $\pm$ 2.434 χ^2 /NDF: 207107.1/7

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

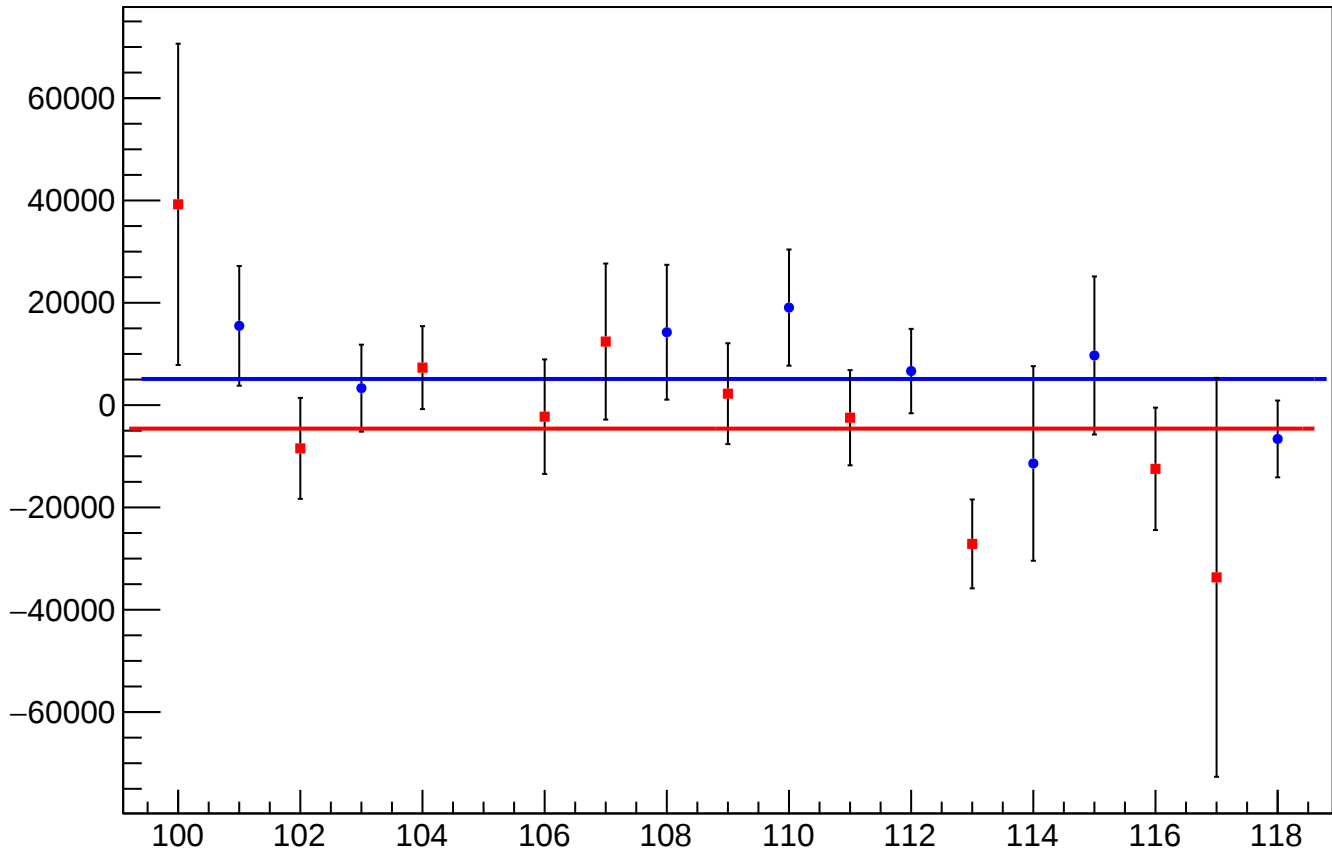
Right Out: 5910.428 $\pm$ 2.313 χ^2 /NDF: 162630.0/9

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

5958.352 $\pm$ 2.434 χ^2 /NDF: 207107.1/7

5910.428 $\pm$ 2.313 χ^2 /NDF: 162630.0/9

asym_atl2_mean vs Slug



Right In: 5111.167+/-3674.272 χ^2/NDF : 6.1/7

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

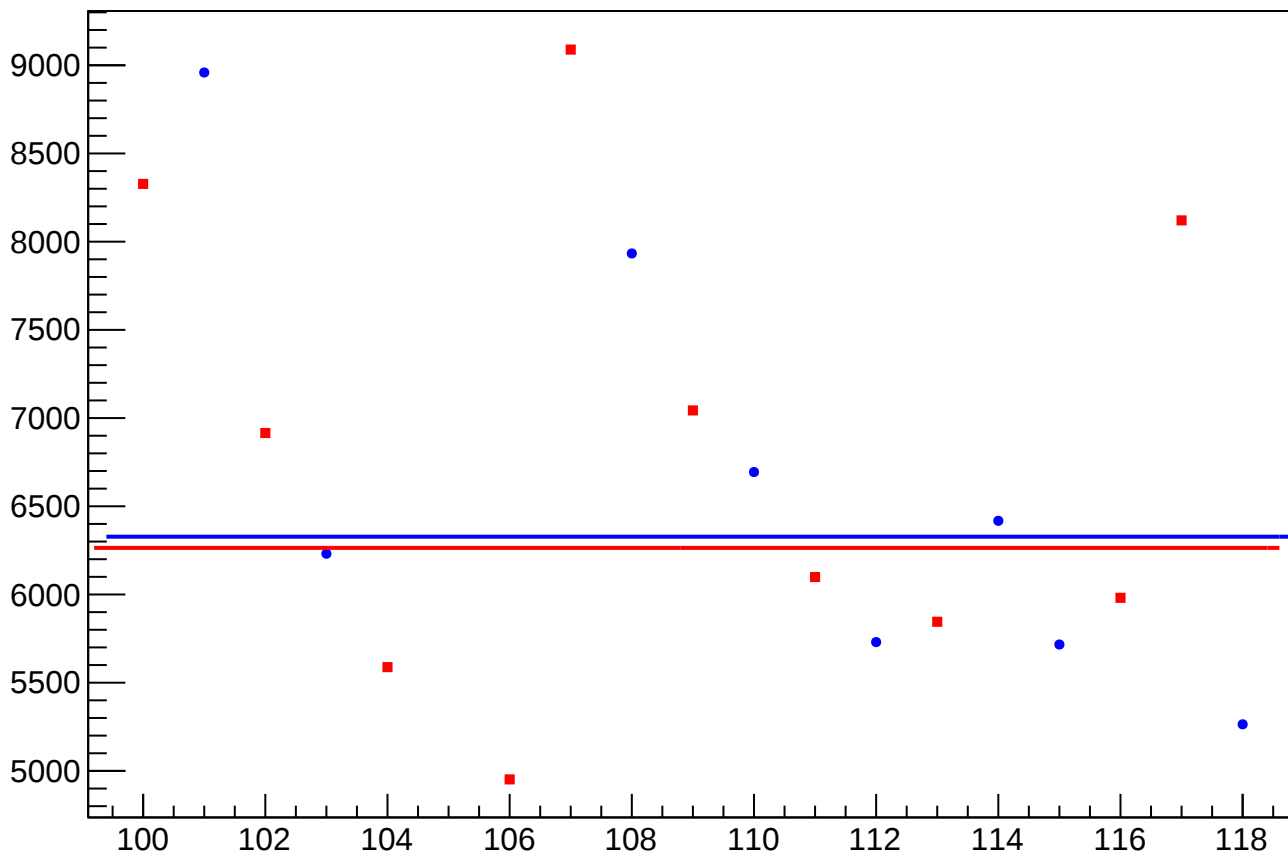
Right Out: -4593.947+/-3502.483 χ^2/NDF : 13.8/9

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

5111.167+/-3674.272 χ^2/NDF : 6.1/7

-4593.947+/-3502.483 χ^2/NDF : 13.8/9

asym_atl2_rms vs Slug



Right In: 6327.678+/-2.598 χ^2/NDF : 187041.3/7

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

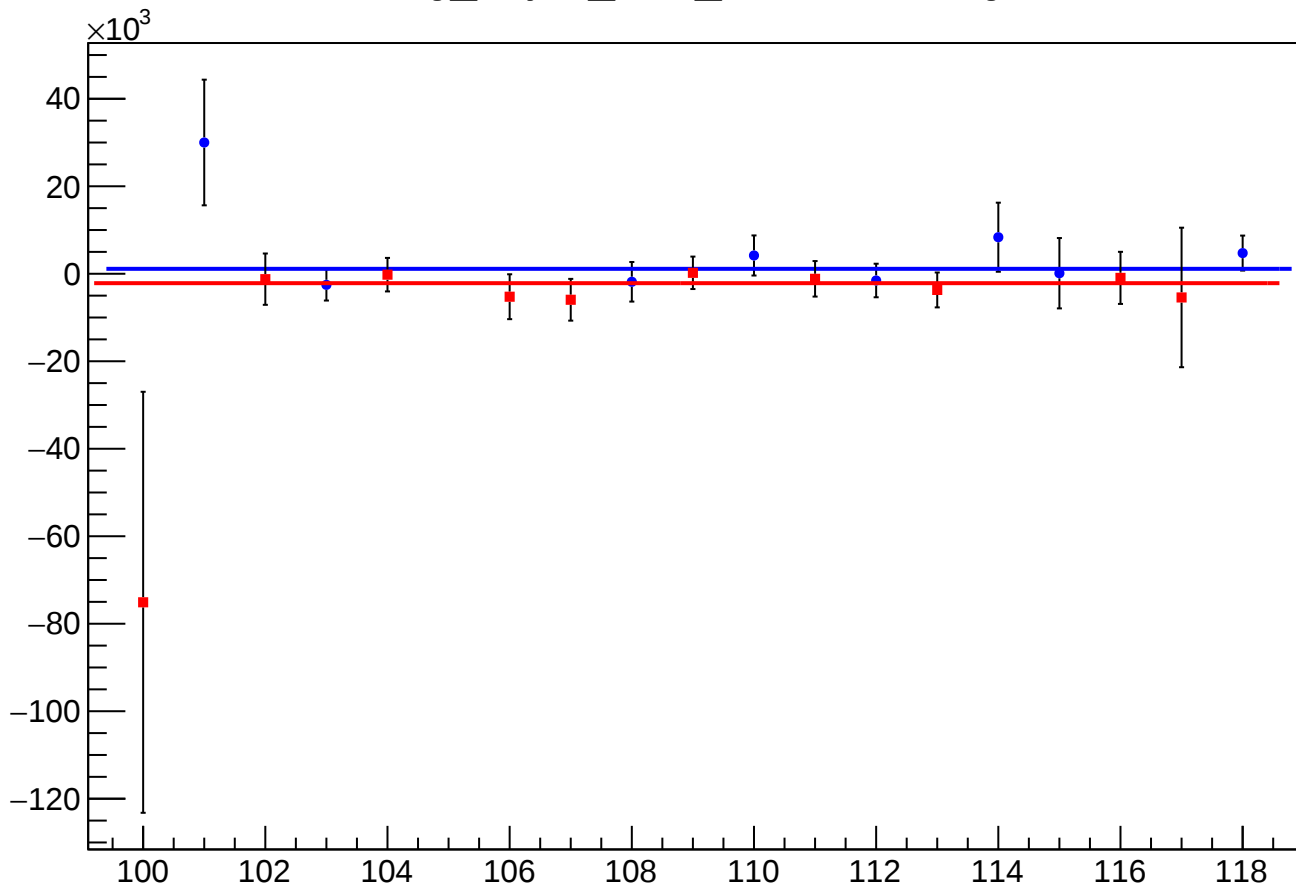
Right Out: 6264.201+/-2.476 χ^2/NDF : 150819.5/9

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

6327.678+/-2.598 χ^2/NDF : 187041.3/7

6264.201+/-2.476 χ^2/NDF : 150819.5/9

reg_asym_atr1_mean vs Slug



Right In: 1127.223+/-1711.835 χ^2 /NDF: 8.1/7

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

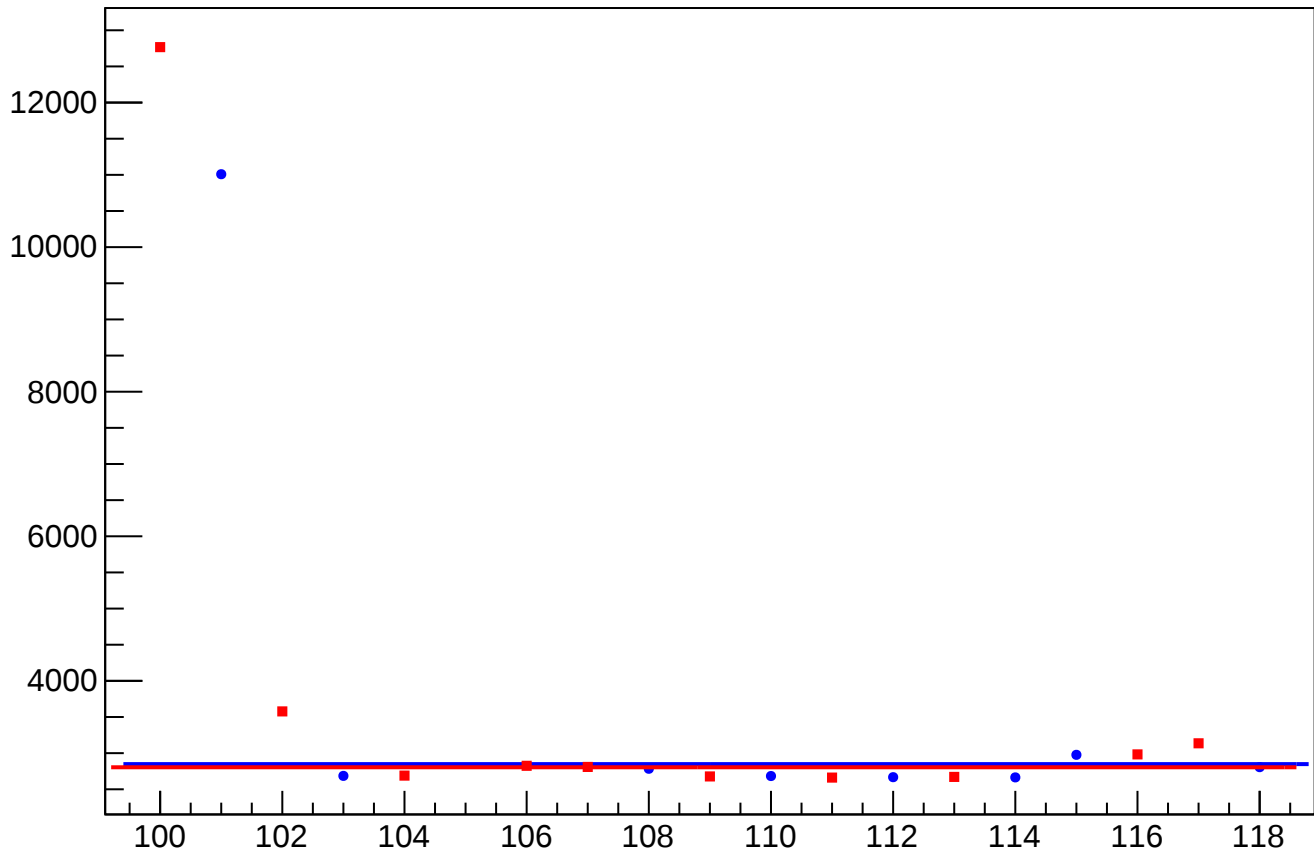
Right Out: -2150.282+/-1565.795 χ^2 /NDF: 4.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

1127.223+/-1711.835 χ^2 /NDF: 8.1/7

-2150.282+/-1565.795 χ^2 /NDF: 4.3/9

reg_asym_atr1_rms vs Slug



Right In: 2848.391+/-1.210 χ^2/NDF : 659080.1/7

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

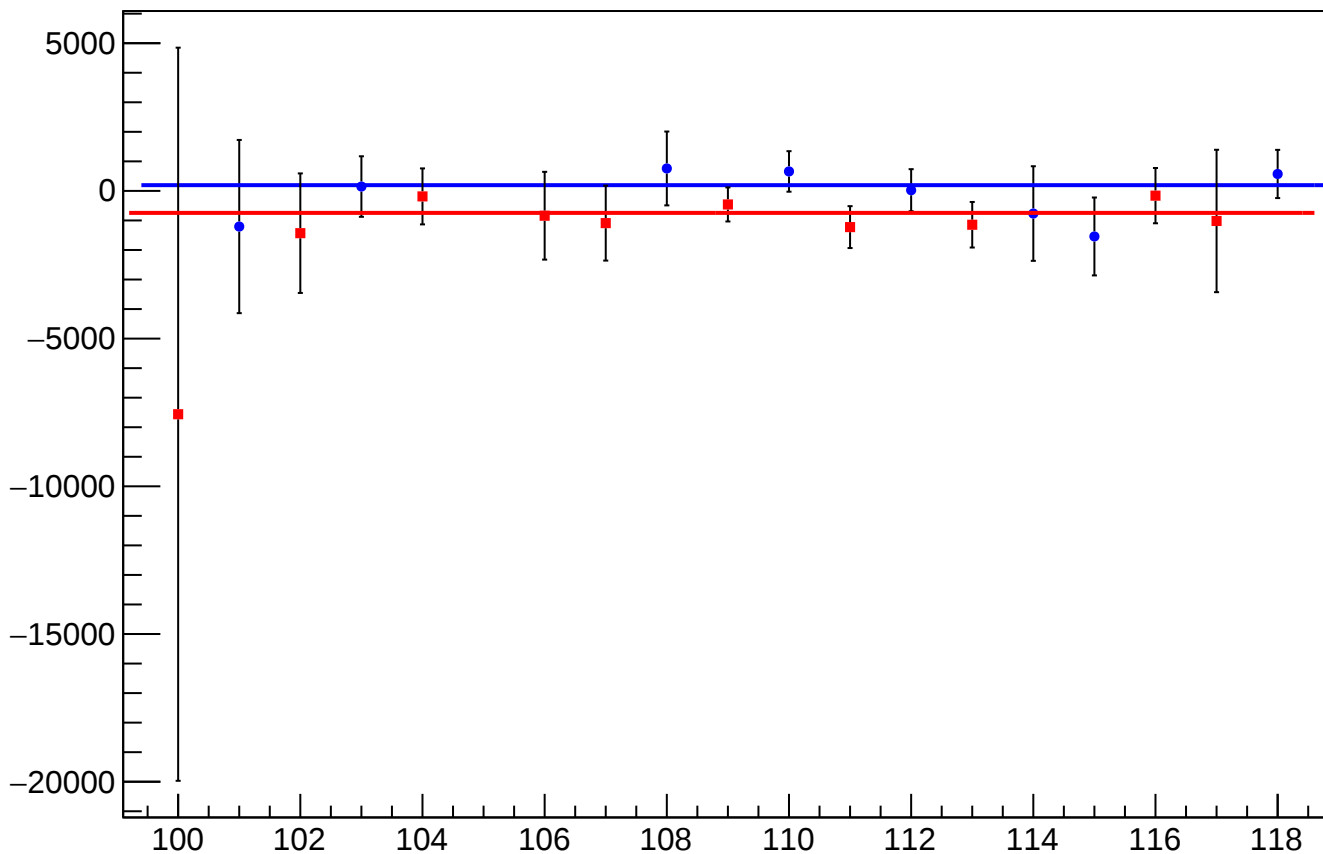
Right Out: 2804.532+/-1.107 χ^2/NDF : 132001.5/9

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

2848.391+/-1.210 χ^2/NDF : 659080.1/7

2804.532+/-1.107 χ^2/NDF : 132001.5/9

asym_atr1_correction_mean vs Slug



Right In: 194.600 $\pm$ 347.627 χ^2 /NDF: 3.3/7

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

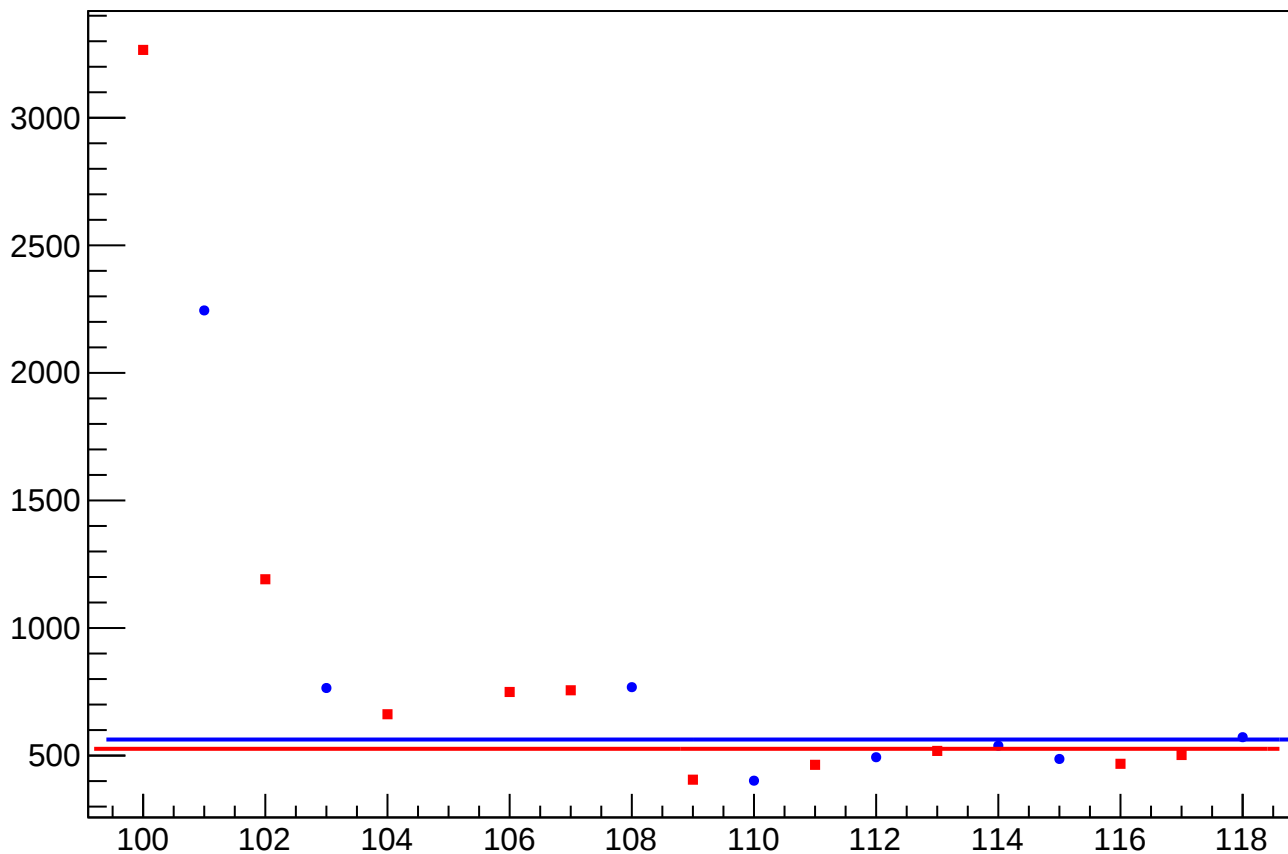
Right Out: -744.223 $\pm$ 309.521 χ^2 /NDF: 2.2/9

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

194.600 $\pm$ 347.627 χ^2 /NDF: 3.3/7

-744.223 $\pm$ 309.521 χ^2 /NDF: 2.2/9

asym_atr1_correction_rms vs Slug



Right In: 562.959+/-0.246 χ^2/NDF : 926895.7/7

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

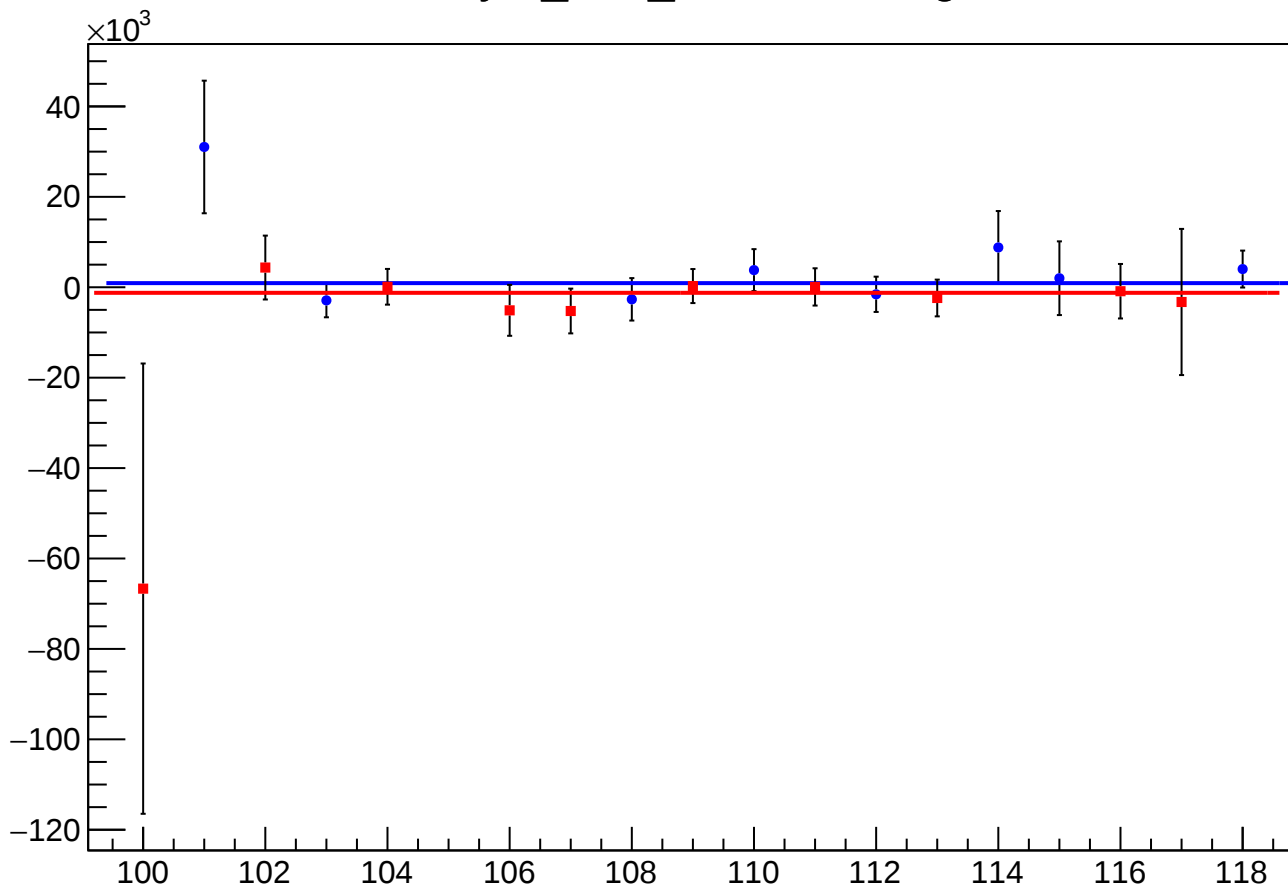
Right Out: 526.500+/-0.219 χ^2/NDF : 576782.6/9

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

562.959+/-0.246 χ^2/NDF : 926895.7/7

526.500+/-0.219 χ^2/NDF : 576782.6/9

asym_atr1_mean vs Slug



Right In: 914.587 $\pm$ 1756.456 χ^2 /NDF: 8.2/7

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

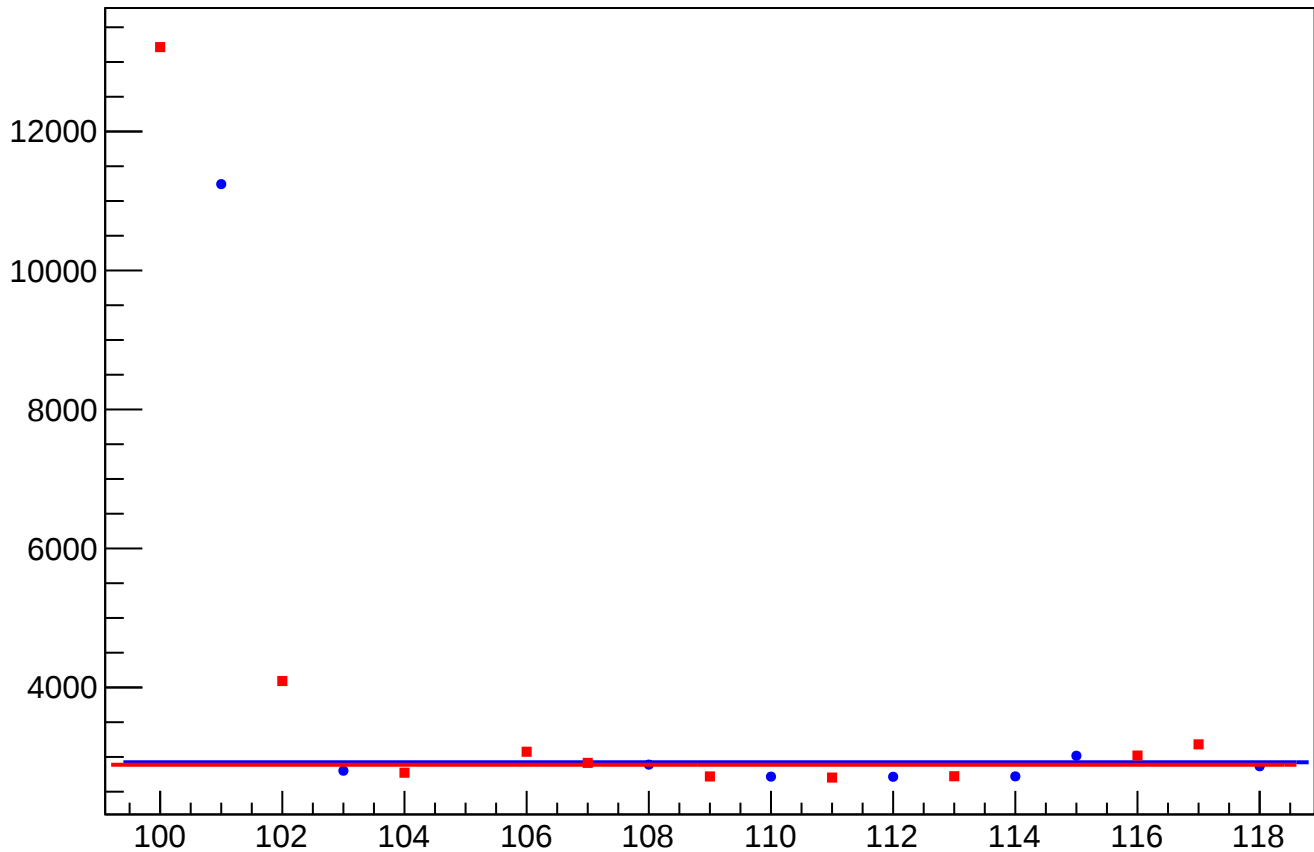
Right Out: -1230.135 $\pm$ 1626.460 χ^2 /NDF: 4.0/9

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

914.587 $\pm$ 1756.456 χ^2 /NDF: 8.2/7

-1230.135 $\pm$ 1626.460 χ^2 /NDF: 4.0/9

asym_atr1_rms vs Slug



Right In: 2923.252+/-1.242 χ^2/NDF : 657405.4/7

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

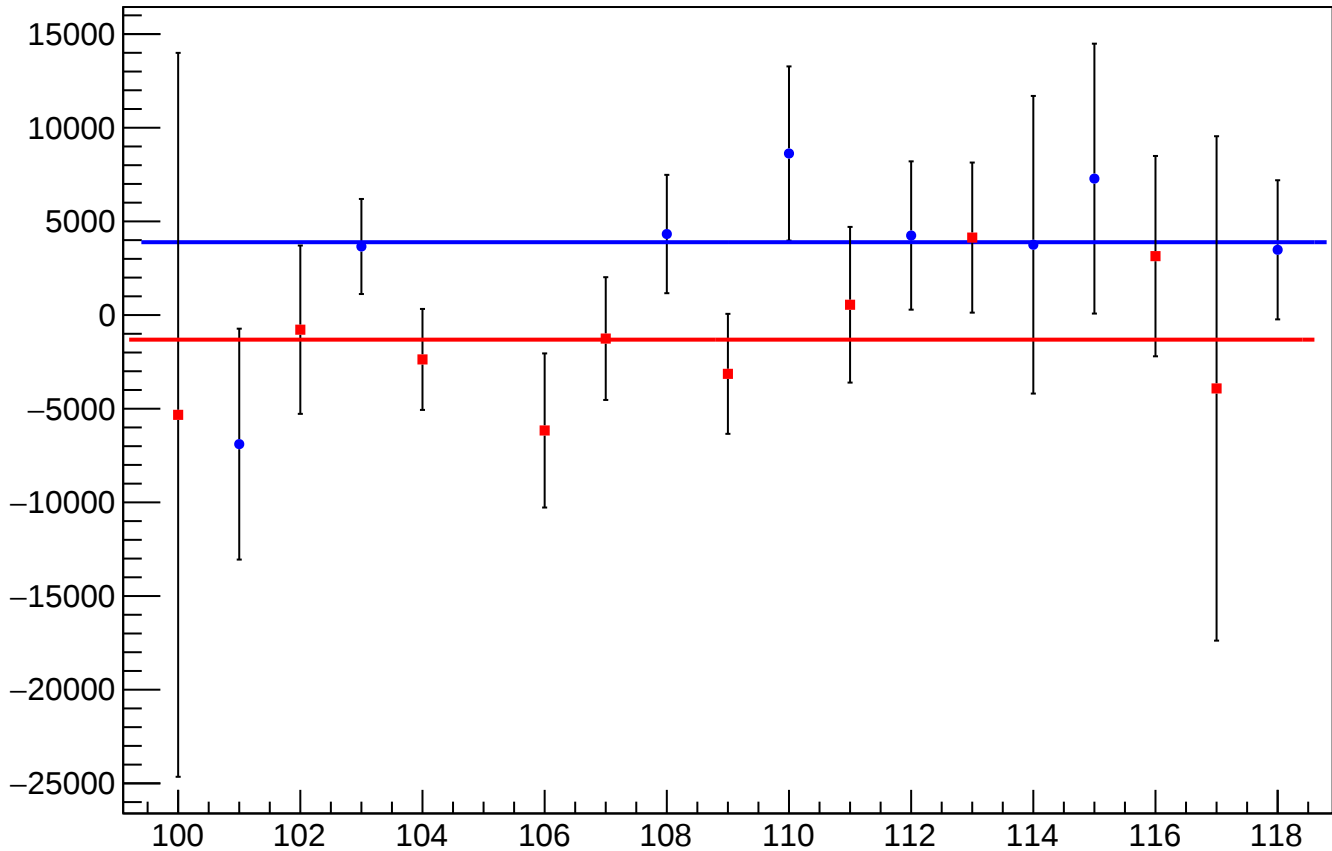
Right Out: 2887.692+/-1.150 χ^2/NDF : 161042.3/9

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

2923.252+/-1.242 χ^2/NDF : 657405.4/7

2887.692+/-1.150 χ^2/NDF : 161042.3/9

reg_asym_atr2_mean vs Slug



Right In: 3889.383+/-1414.917 χ^2/NDF : 4.4/7

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

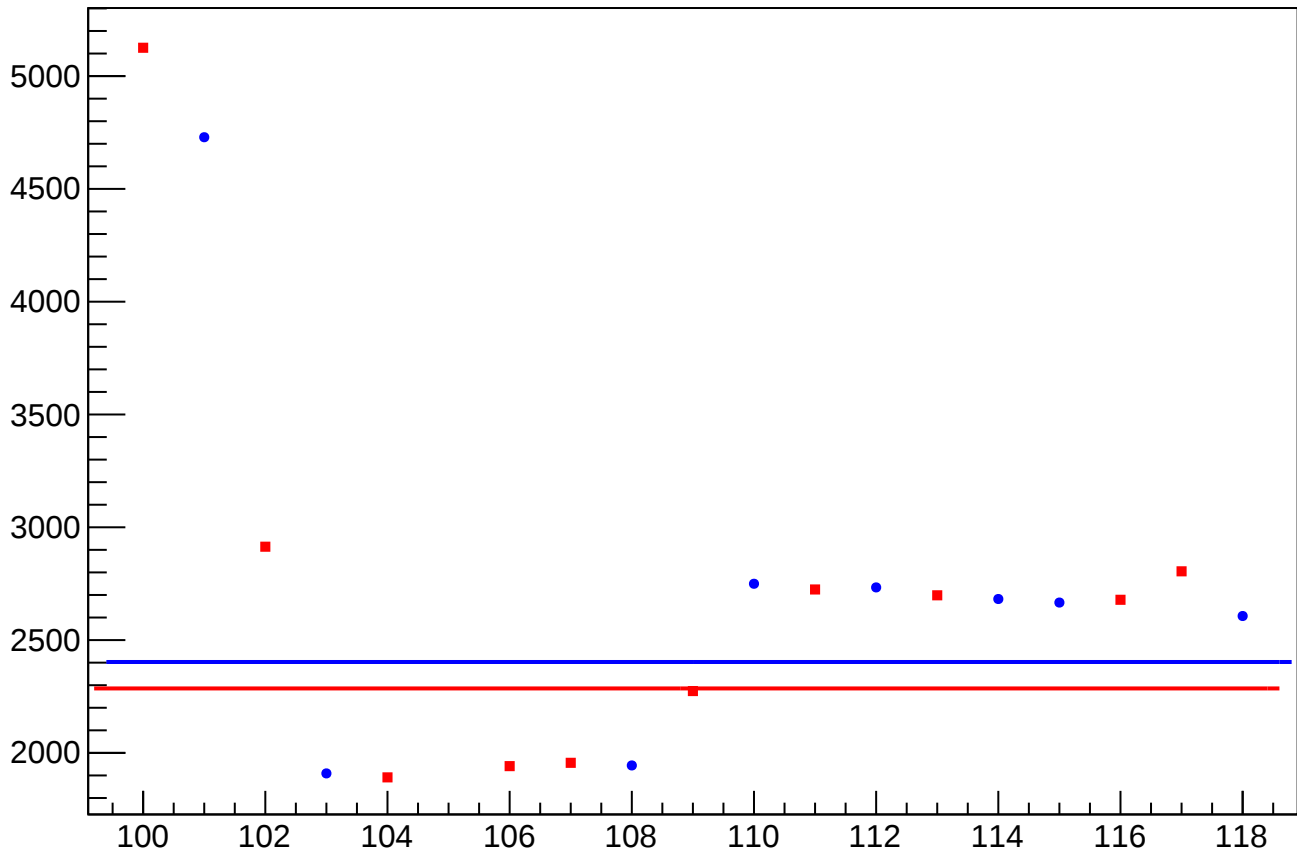
3889.383+/-1414.917 χ^2/NDF : 4.4/7

Right Out: -1312.941+/-1290.744 χ^2/NDF : 4.7/9

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

-1312.941+/-1290.744 χ^2/NDF : 4.7/9

reg_asym_atr2_rms vs Slug



Right In: 2402.929 $\pm$ 1.000 χ^2 /NDF: 439031.1/7

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

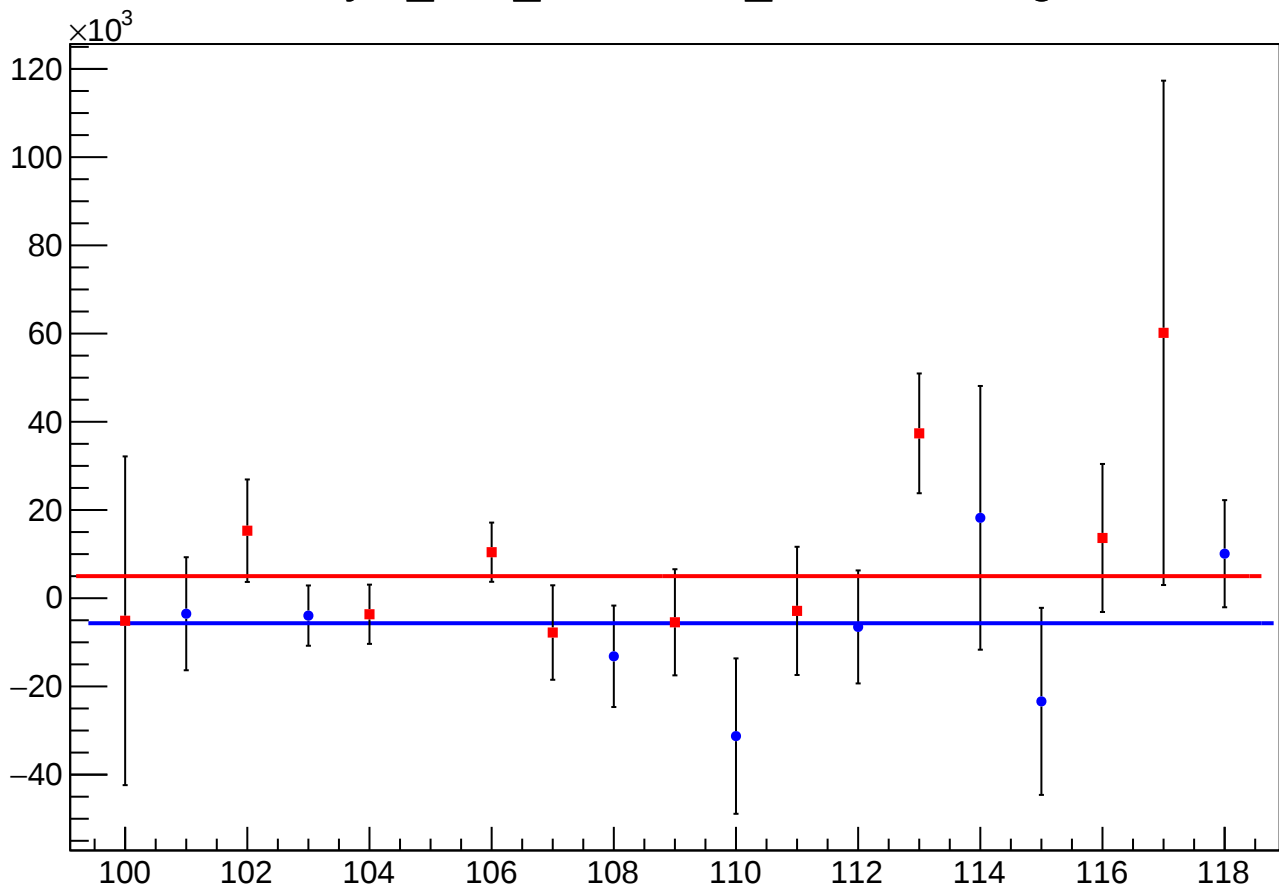
2402.929 $\pm$ 1.000 χ^2 /NDF: 439031.1/7

Right Out: 2285.686 $\pm$ 0.913 χ^2 /NDF: 216656.4/9

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

2285.686 $\pm$ 0.913 χ^2 /NDF: 216656.4/9

asym_atr2_correction_mean vs Slug



Right In: -5670.478 $\pm$ 4283.473 χ^2 /NDF: 5.7/7

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

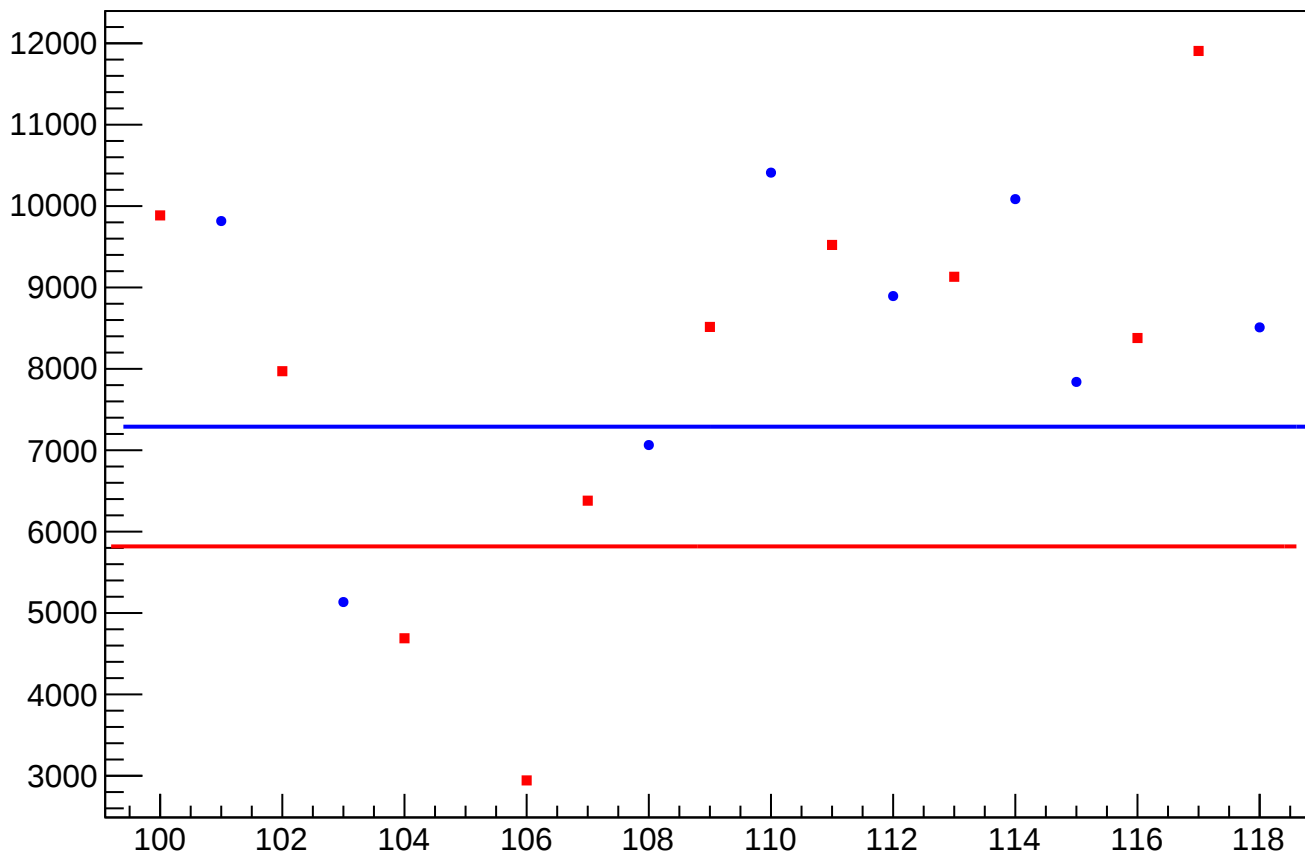
Right Out: 5005.615 $\pm$ 3488.968 χ^2 /NDF: 12.5/9

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

-5670.478 $\pm$ 4283.473 χ^2 /NDF: 5.7/7

5005.615 $\pm$ 3488.968 χ^2 /NDF: 12.5/9

asym_atr2_correction_rms vs Slug



Right In: 7289.565+/-3.029 χ^2/NDF : 410563.5/7

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

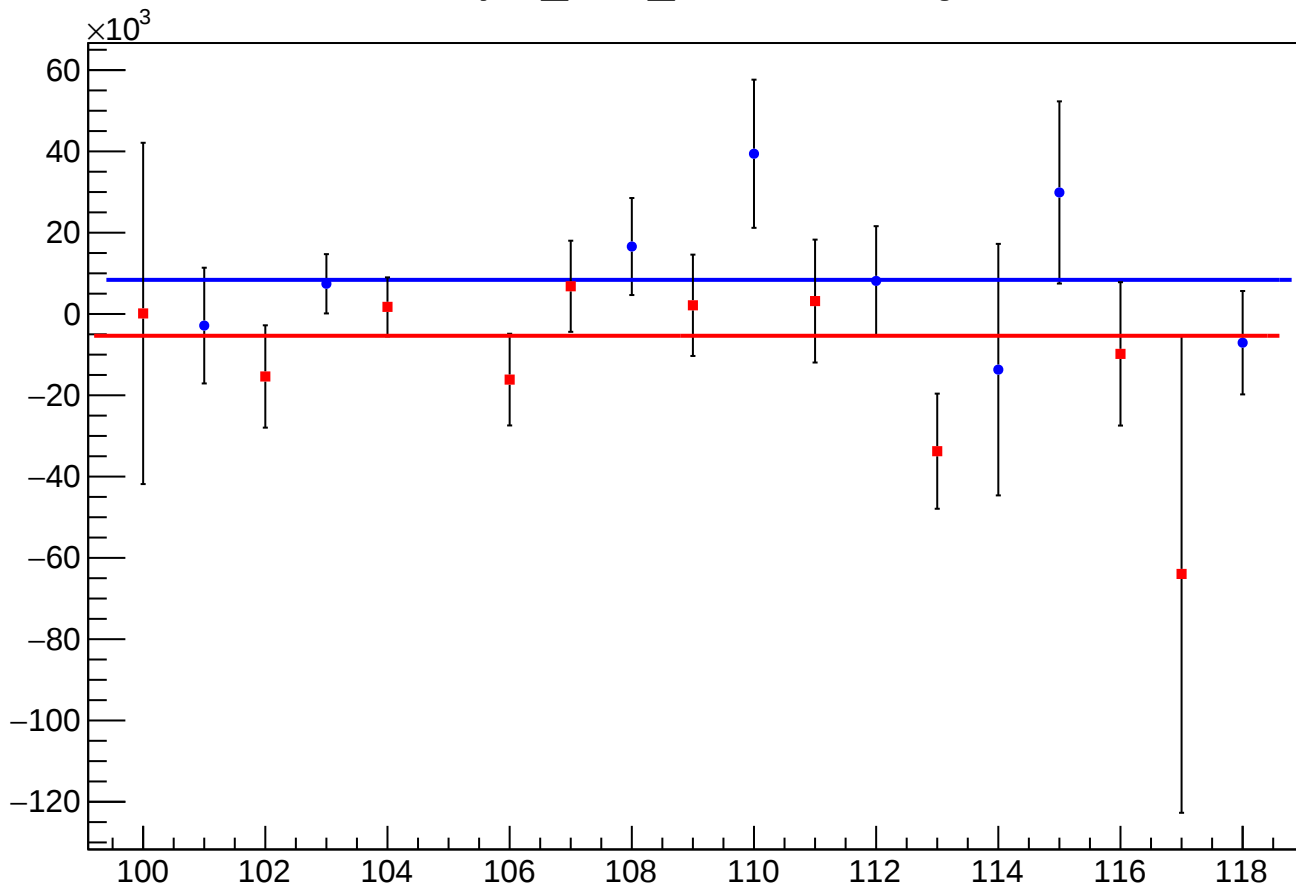
Right Out: 5818.447+/-2.467 χ^2/NDF : 940315.1/9

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

7289.565+/-3.029 χ^2/NDF : 410563.5/7

5818.447+/-2.467 χ^2/NDF : 940315.1/9

asym_atr2_mean vs Slug



Right In: 8396.882 $\pm$ 4540.376 χ^2 /NDF: 6.9/7

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

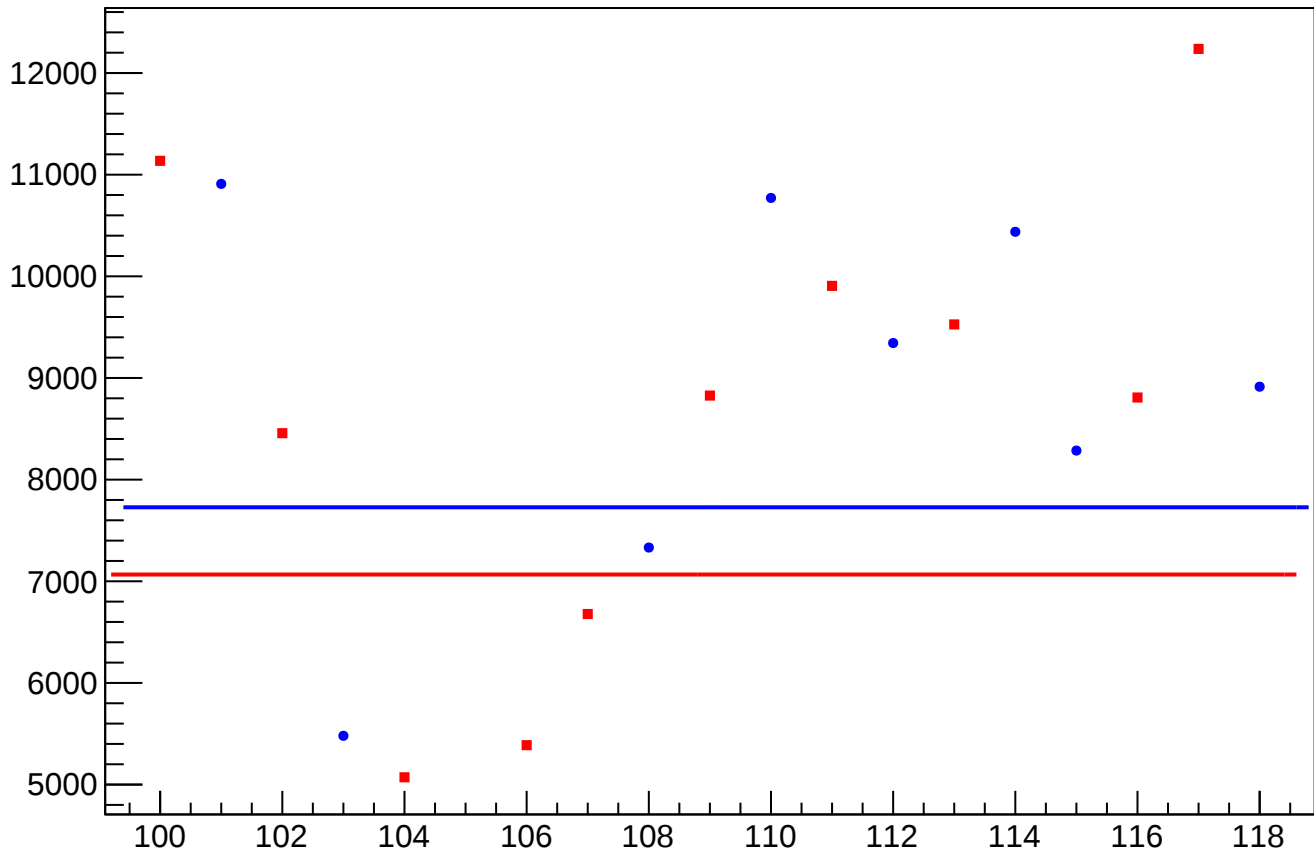
Right Out: -5358.285 $\pm$ 4048.417 χ^2 /NDF: 9.5/9

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

8396.882 $\pm$ 4540.376 χ^2 /NDF: 6.9/7

-5358.285 $\pm$ 4048.417 χ^2 /NDF: 9.5/9

asym_atr2_rms vs Slug



Right In: 7727.843+/-3.211 χ^2 /NDF: 410741.9/7

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

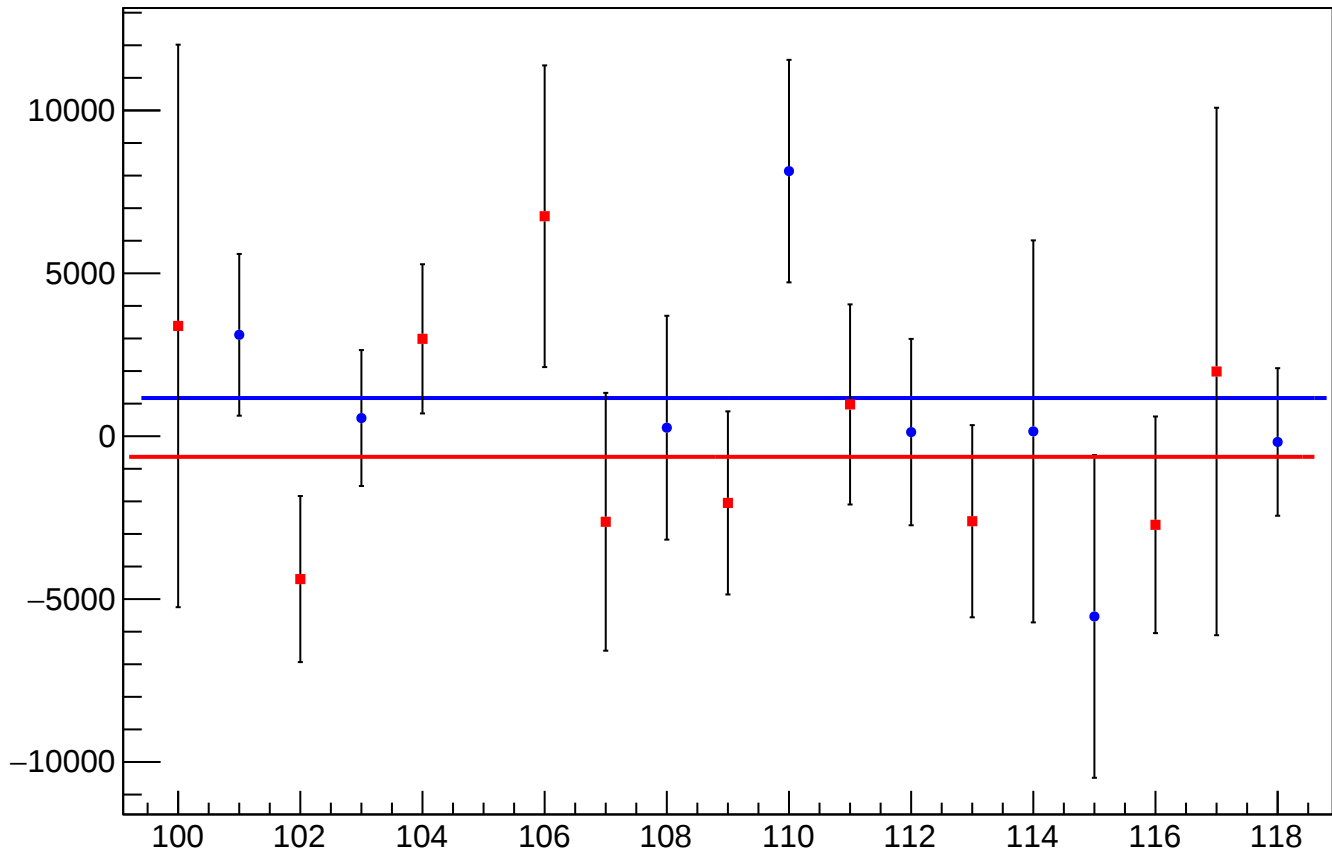
7727.843+/-3.211 χ^2 /NDF: 410741.9/7

Right Out: 7066.455+/-2.862 χ^2 /NDF: 447025.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

7066.455+/-2.862 χ^2 /NDF: 447025.8/9

reg_asym_atl_avg_mean vs Slug



Right In: 1171.985 $\pm$ 1026.261 χ^2 /NDF: 7.3/7

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

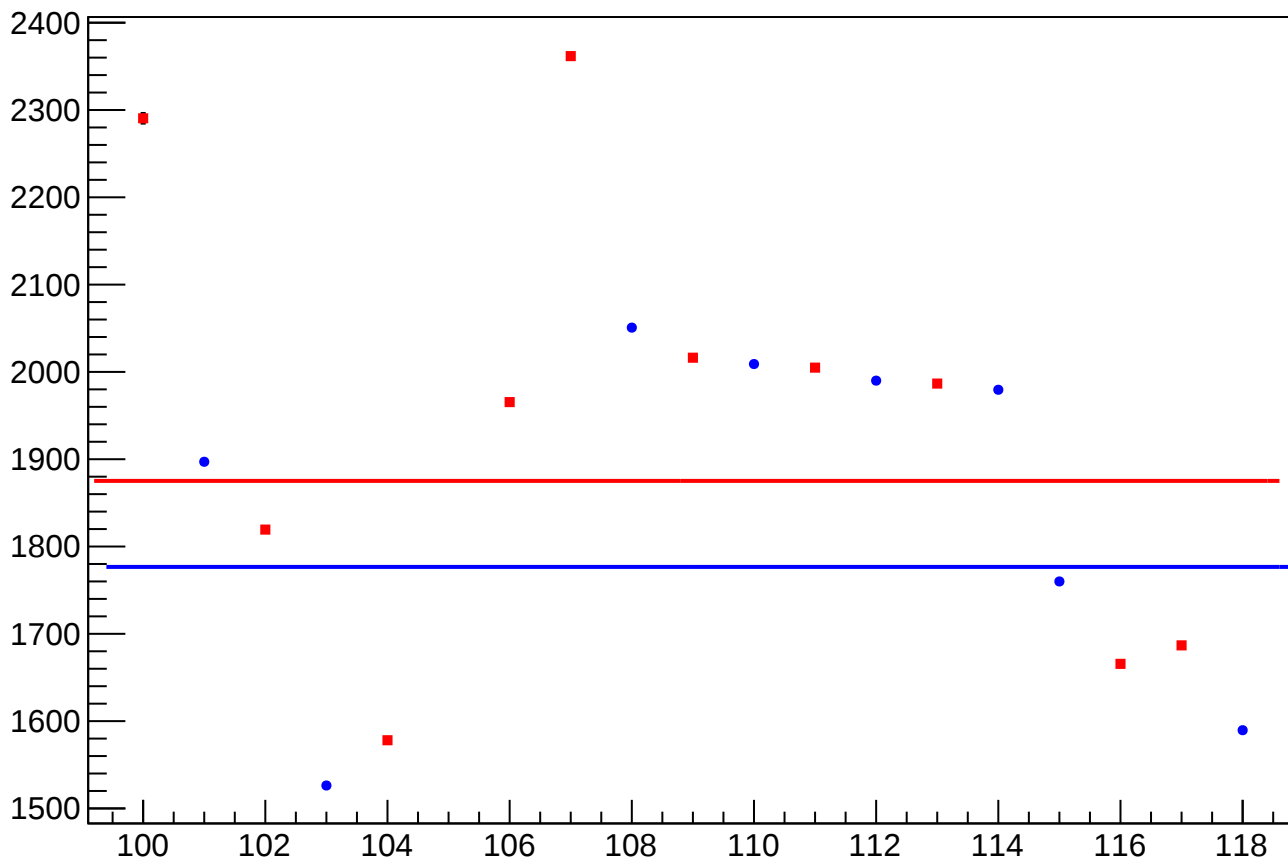
Right Out: -633.041 $\pm$ 1041.529 χ^2 /NDF: 9.2/9

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

1171.985 $\pm$ 1026.261 χ^2 /NDF: 7.3/7

-633.041 $\pm$ 1041.529 χ^2 /NDF: 9.2/9

reg_asym_atl_avg_rms vs Slug



Right In: 1776.644+/-0.726 χ^2/NDF : 82686.3/7

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

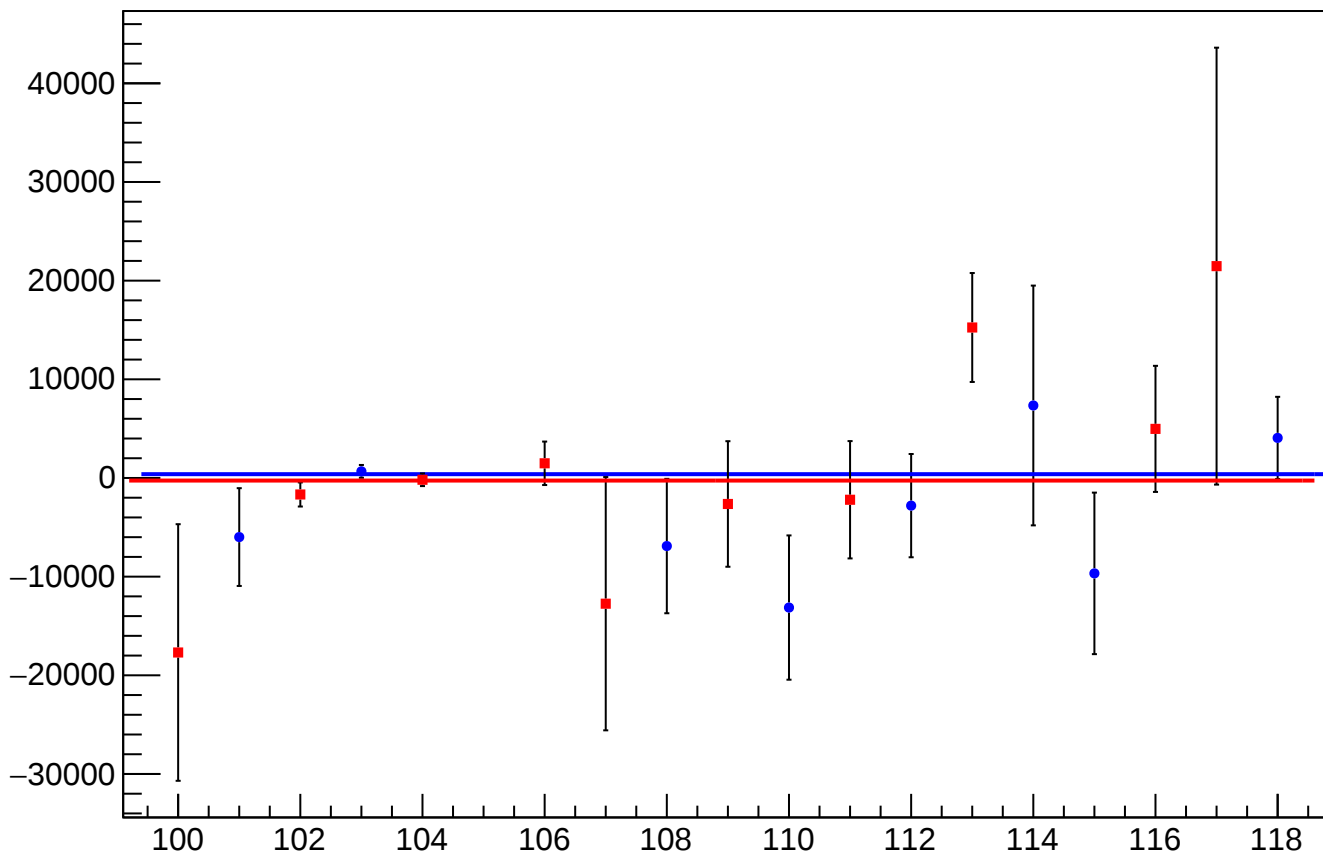
Right Out: 1875.175+/-0.729 χ^2/NDF : 91071.0/9

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

1776.644+/-0.726 χ^2/NDF : 82686.3/7

1875.175+/-0.729 χ^2/NDF : 91071.0/9

asym_atl_avg_correction_mean vs Slug



Right In: 385.385+/-623.283 χ^2/NDF : 9.4/7

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

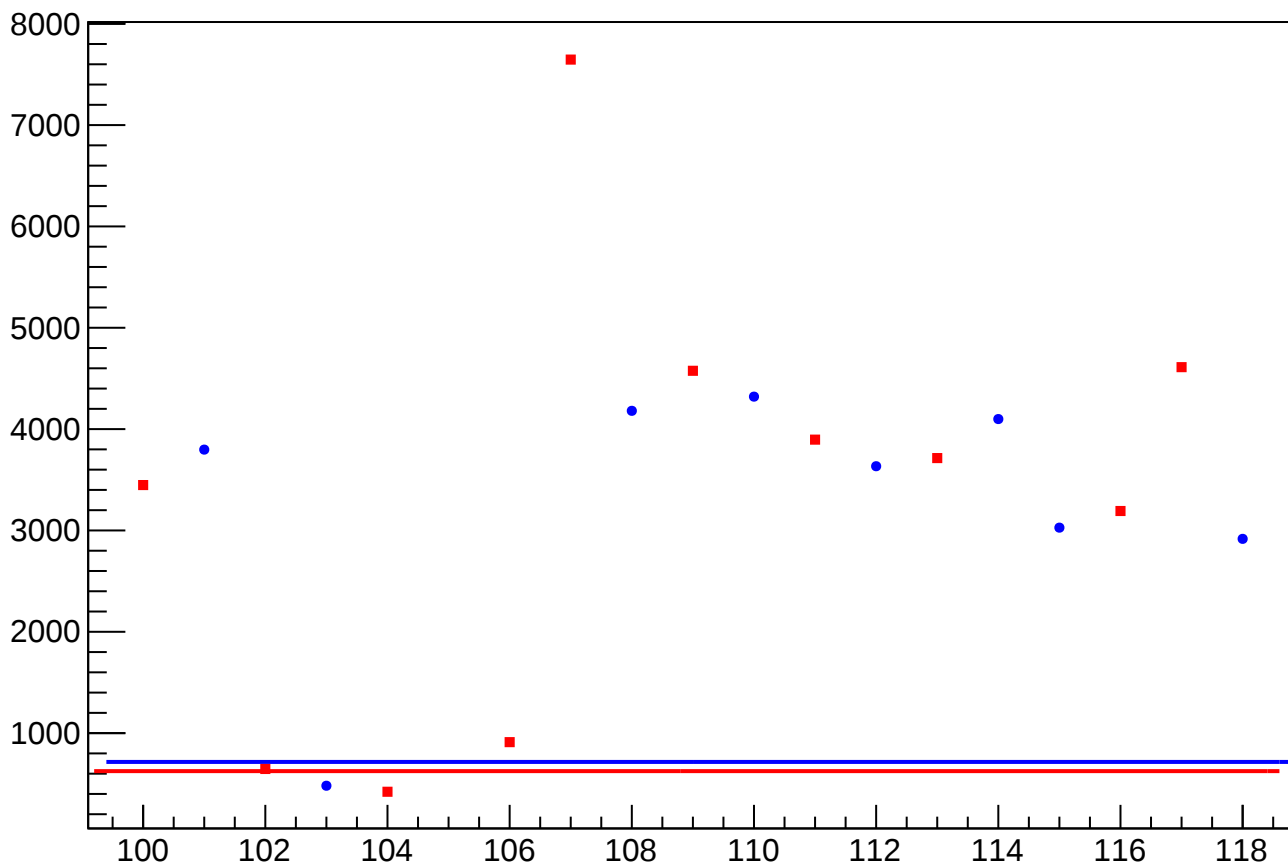
Right Out: -261.713+/-539.636 χ^2/NDF : 14.5/9

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

385.385+/-623.283 χ^2/NDF : 9.4/7

-261.713+/-539.636 χ^2/NDF : 14.5/9

asym_atl_avg_correction_rms vs Slug



Right In: 715.920+/-0.441 χ^2/NDF : 3535026.2/7

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

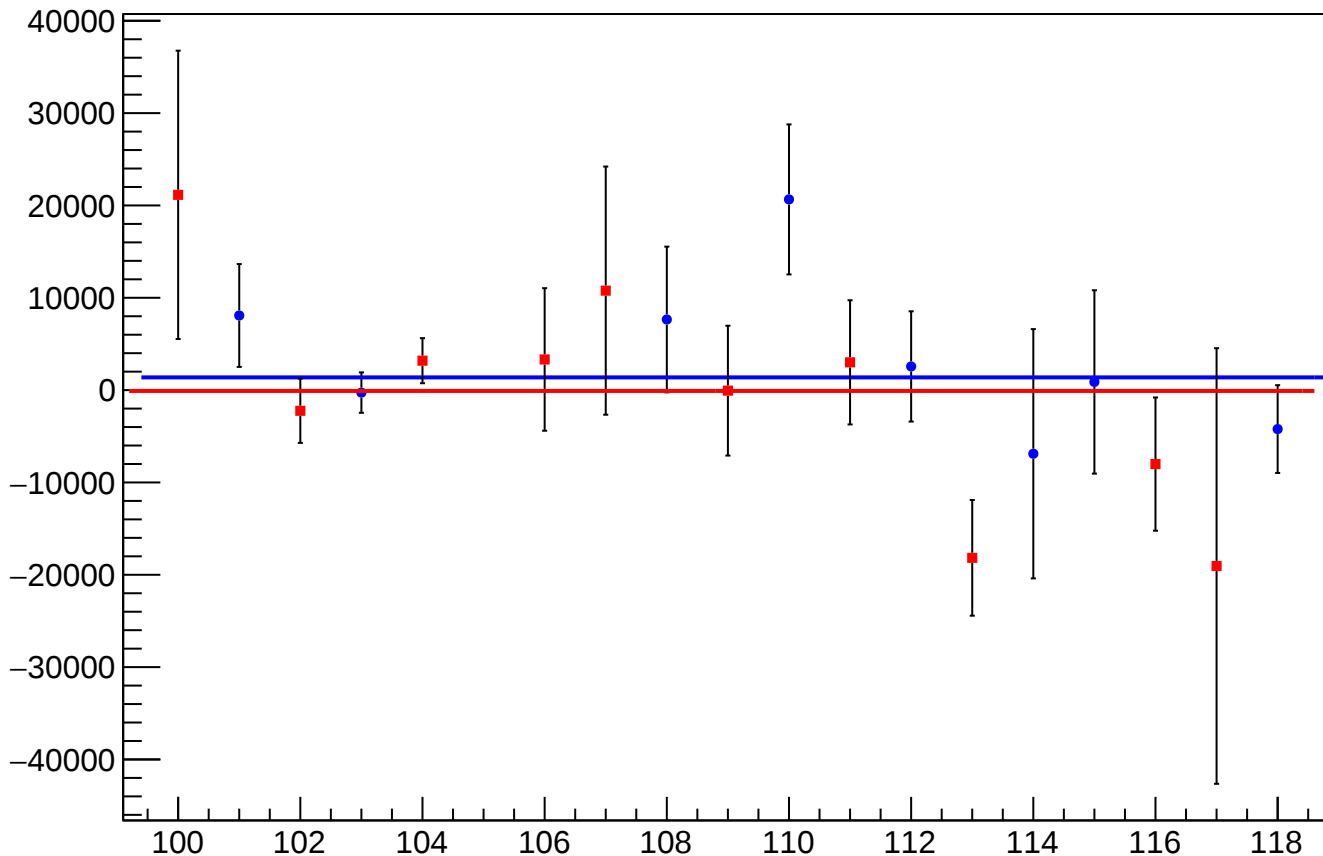
Right Out: 625.091+/-0.382 χ^2/NDF : 3318080.3/9

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

715.920+/-0.441 χ^2/NDF : 3535026.2/7

625.091+/-0.382 χ^2/NDF : 3318080.3/9

asym_atl_avg_mean vs Slug



Right In: 1379.118+/-1666.286 χ^2/NDF : 10.1/7

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

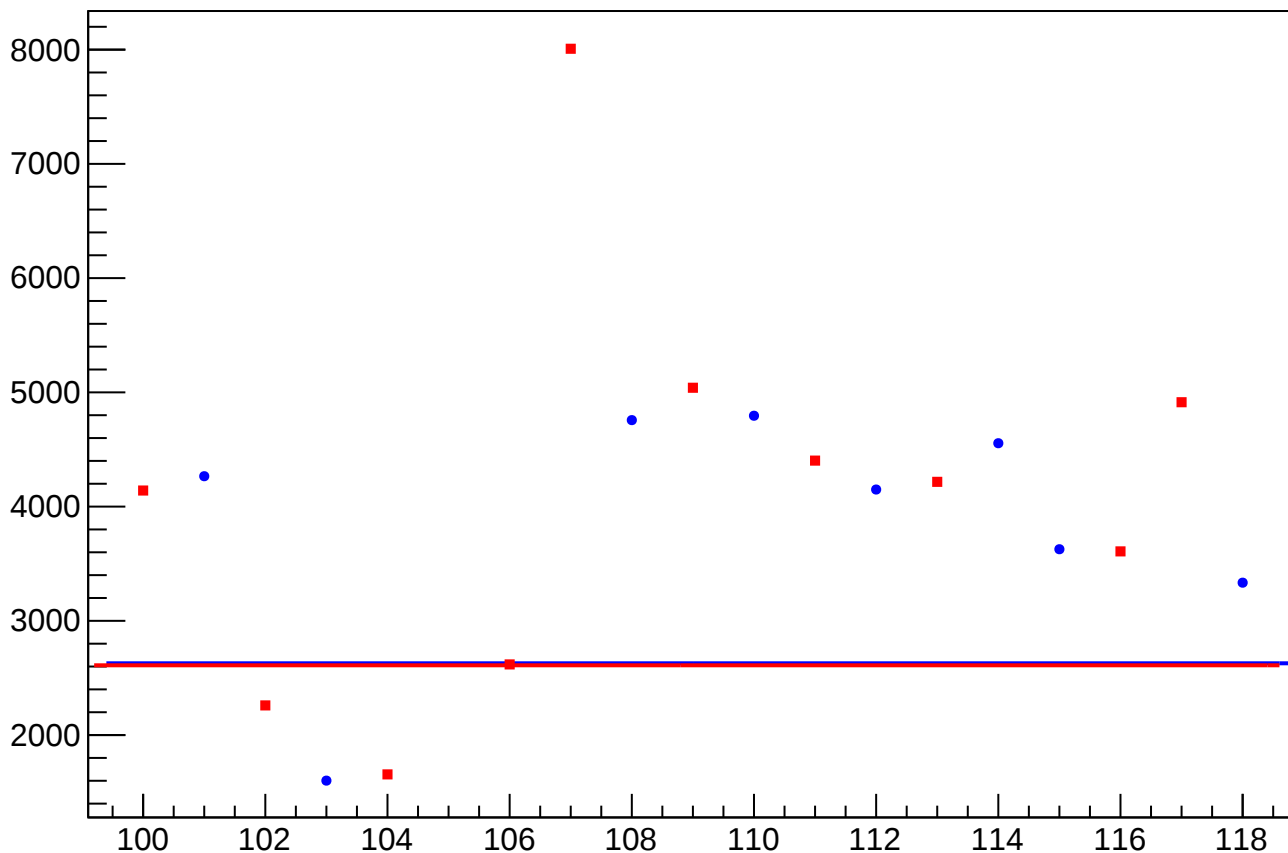
Right Out: -89.339+/-1653.501 χ^2/NDF : 15.3/9

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

1379.118+/-1666.286 χ^2/NDF : 10.1/7

-89.339+/-1653.501 χ^2/NDF : 15.3/9

asym_atl_avg_rms vs Slug



Right In: 2628.296+/-1.178 χ^2/NDF : 1136029.2/7

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

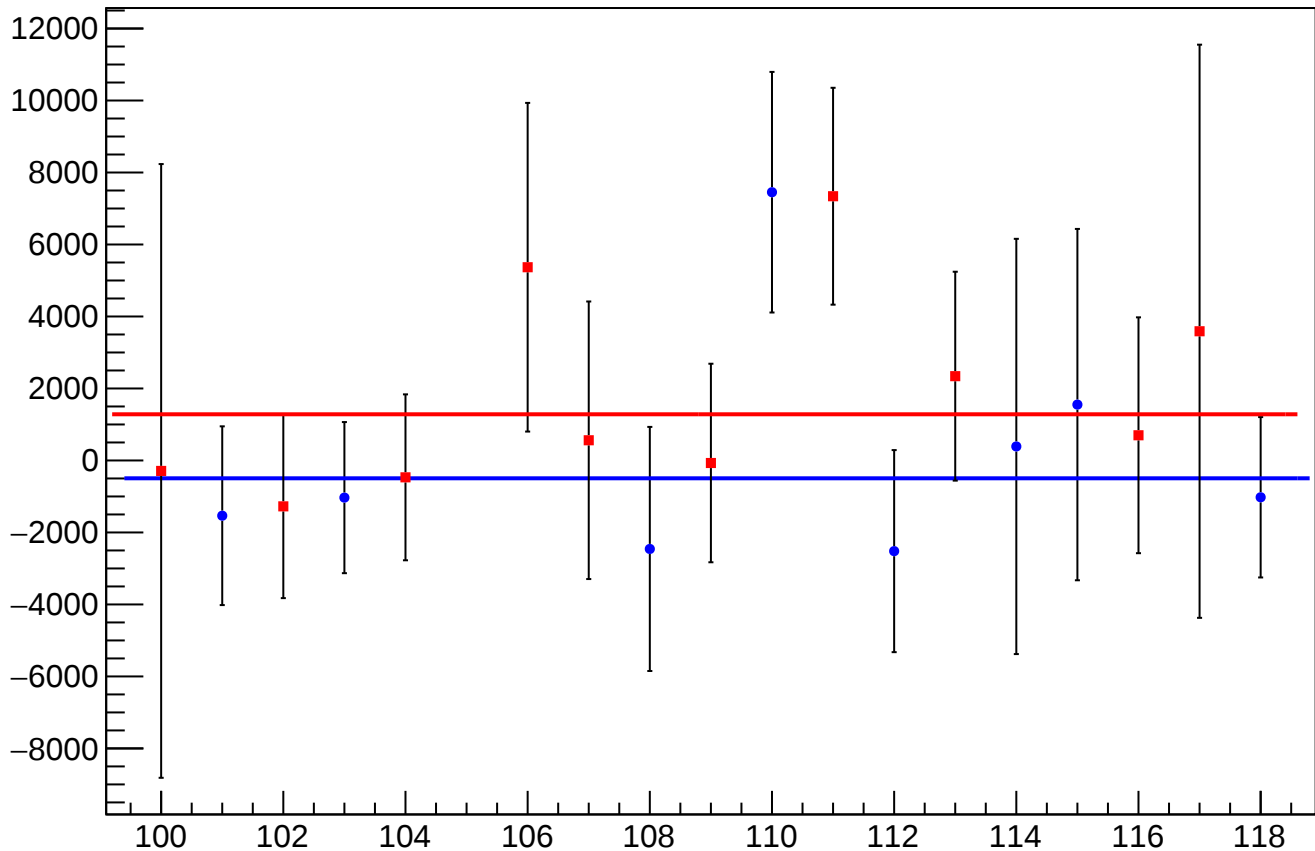
Right Out: 2610.854+/-1.142 χ^2/NDF : 1237765.5/9

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

2628.296+/-1.178 χ^2/NDF : 1136029.2/7

2610.854+/-1.142 χ^2/NDF : 1237765.5/9

reg_asym_atl_dd_mean vs Slug



Right In: -495.514+/-1017.377 χ^2/NDF : 7.0/7

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

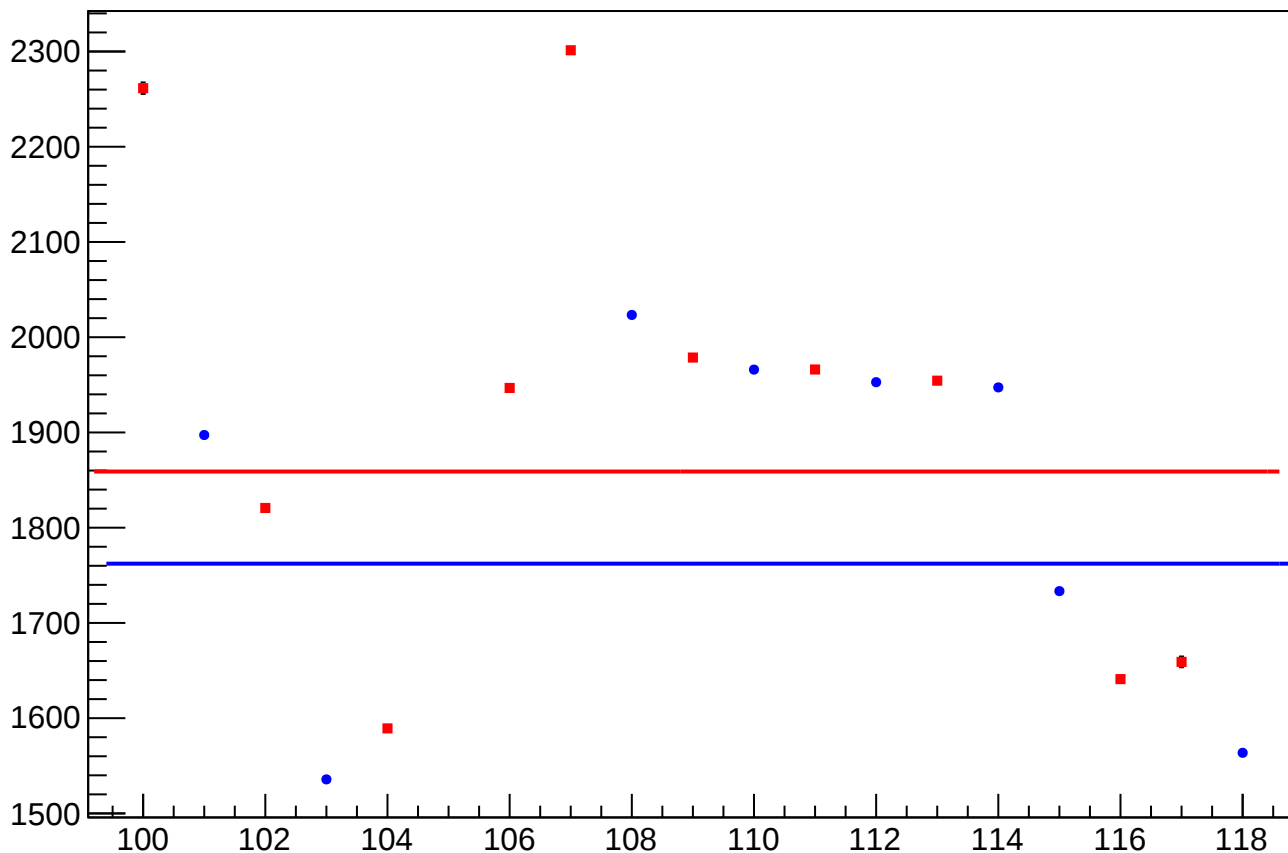
Right Out: 1282.918+/-1031.158 χ^2/NDF : 7.0/9

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

-495.514+/-1017.377 χ^2/NDF : 7.0/7

1282.918+/-1031.158 χ^2/NDF : 7.0/9

reg_asym_atl_dd_rms vs Slug



Right In: 1762.226+/-0.719 χ^2/NDF : 75744.1/7

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

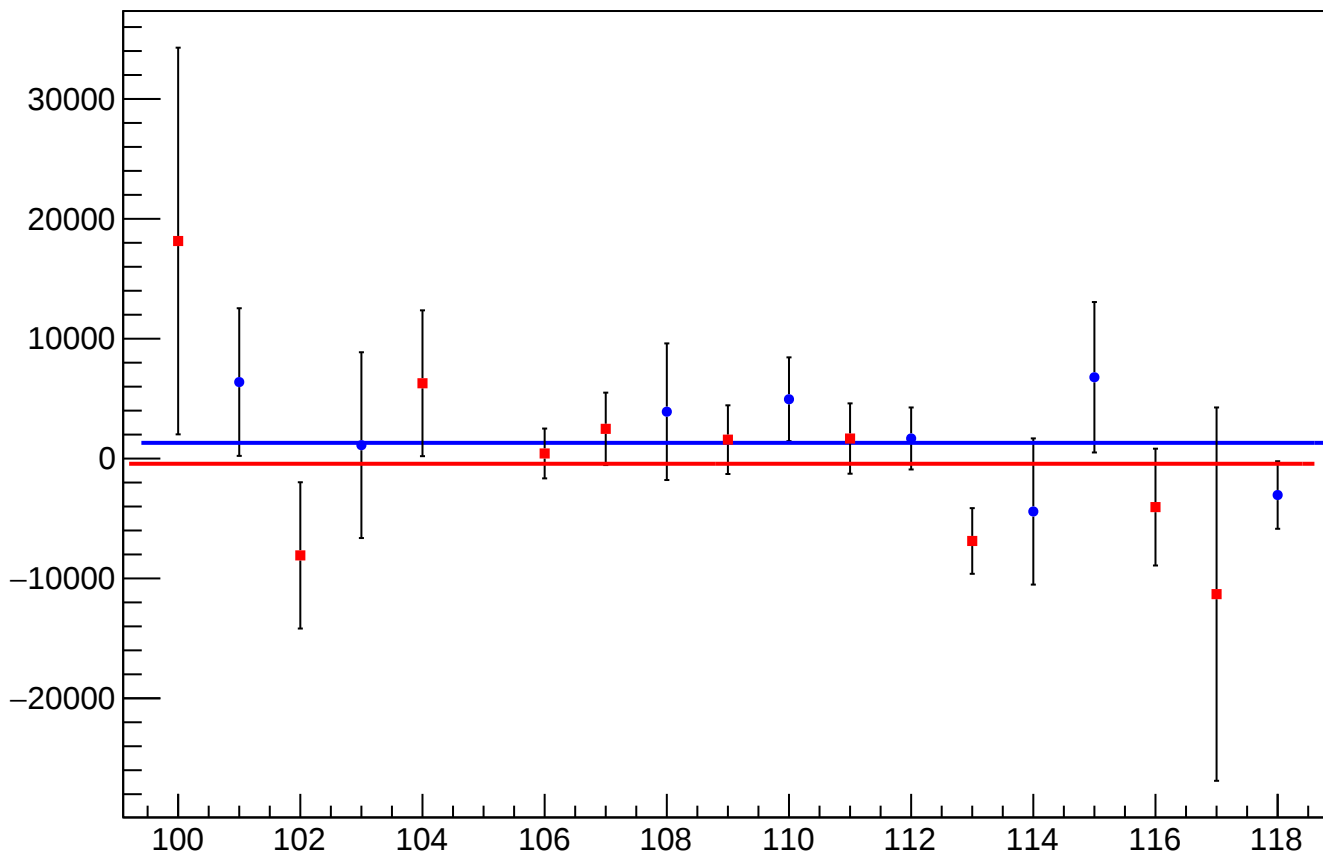
Right Out: 1858.985+/-0.722 χ^2/NDF : 78233.5/9

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

1762.226+/-0.719 χ^2/NDF : 75744.1/7

1858.985+/-0.722 χ^2/NDF : 78233.5/9

asym_atl_dd_correction_mean vs Slug



Right In: 1311.372 $\pm$ 1438.124 χ^2 /NDF: 6.0/7

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

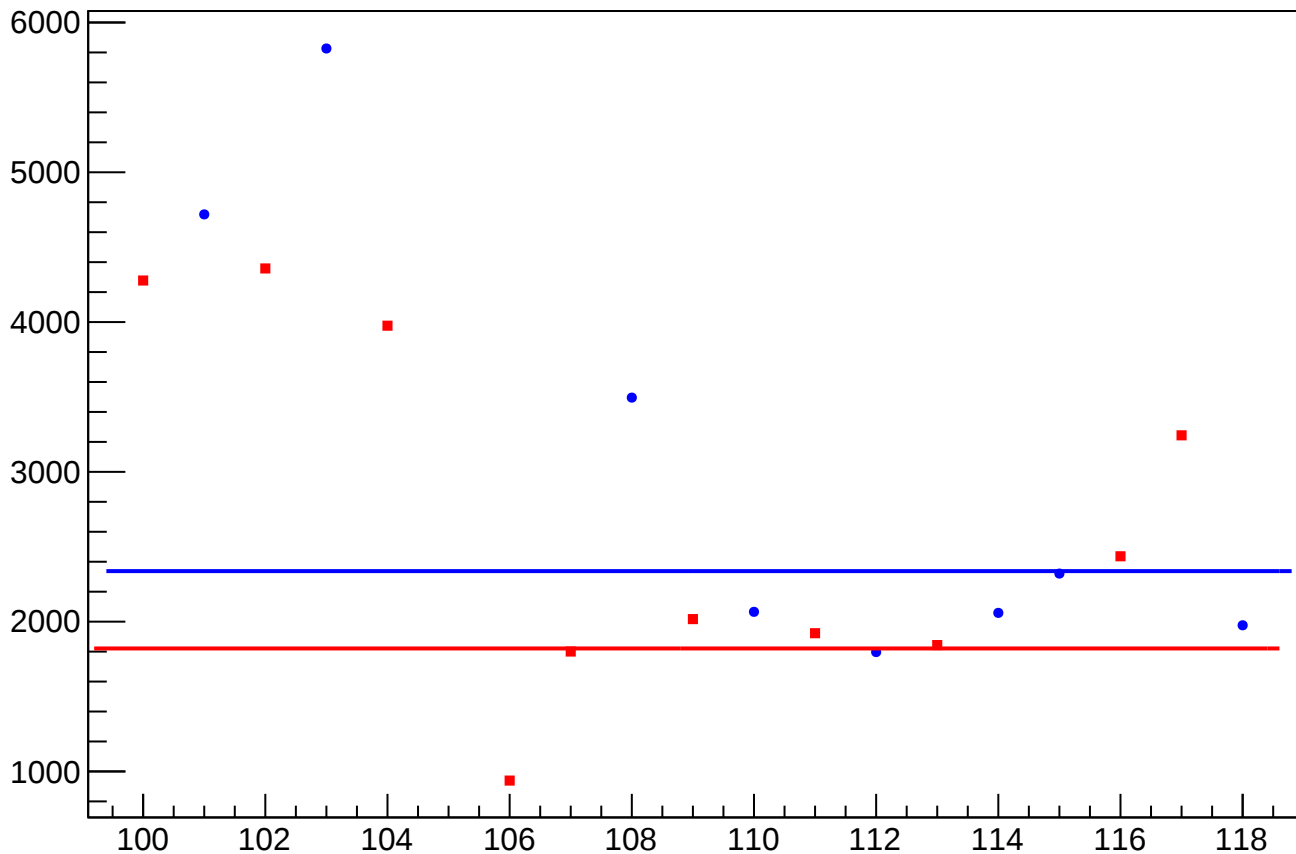
Right Out: -433.903 $\pm$ 1106.831 χ^2 /NDF: 12.8/9

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

1311.372 $\pm$ 1438.124 χ^2 /NDF: 6.0/7

-433.903 $\pm$ 1106.831 χ^2 /NDF: 12.8/9

asym_atl_dd_correction_rms vs Slug



Right In: 2337.415+/-1.017 χ^2/NDF : 923711.4/7

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

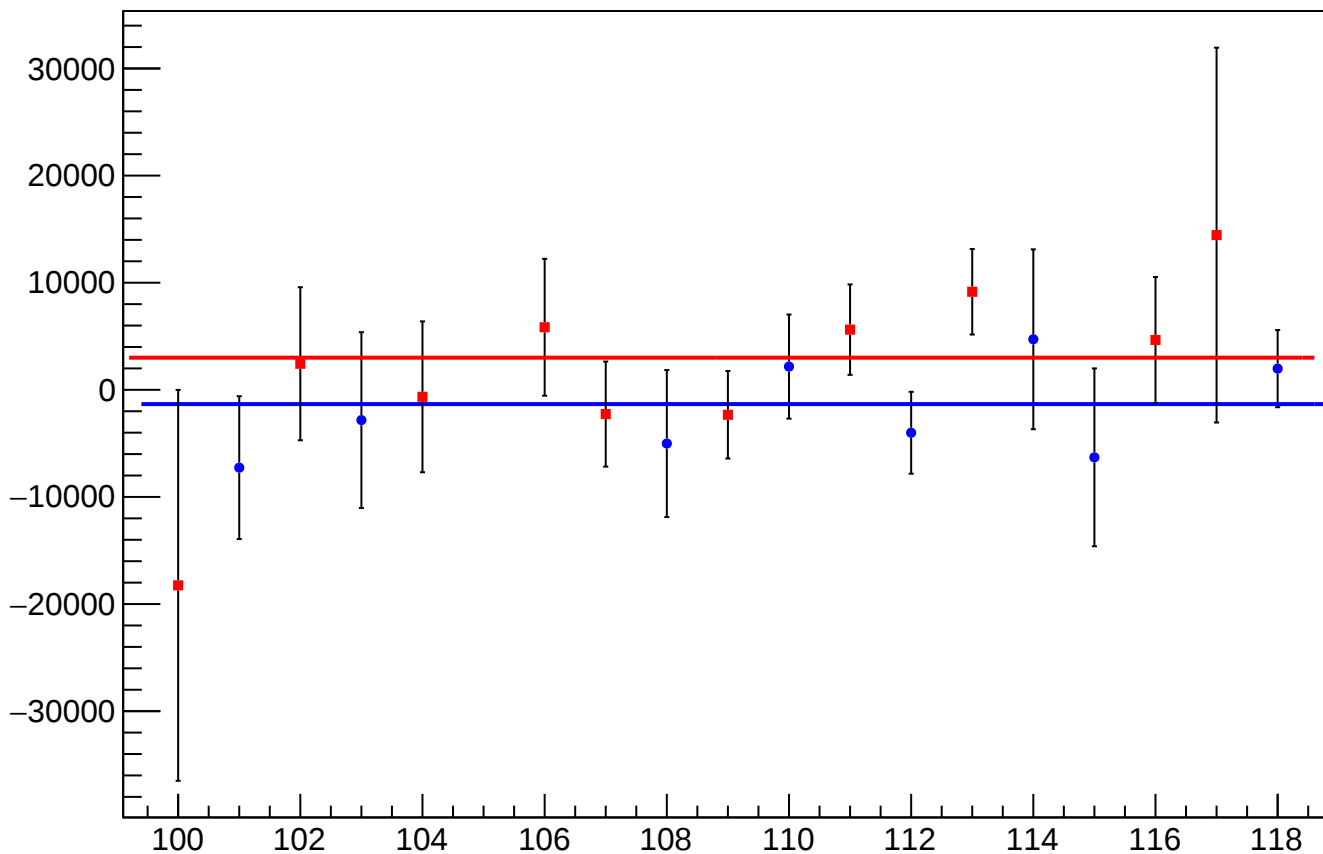
2337.415+/-1.017 χ^2/NDF : 923711.4/7

Right Out: 1820.964+/-0.783 χ^2/NDF : 1063661.8/9

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

1820.964+/-0.783 χ^2/NDF : 1063661.8/9

asym_atl_dd_mean vs Slug



Right In: -1332.229+/-1906.539 χ^2 /NDF: 3.8/7

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

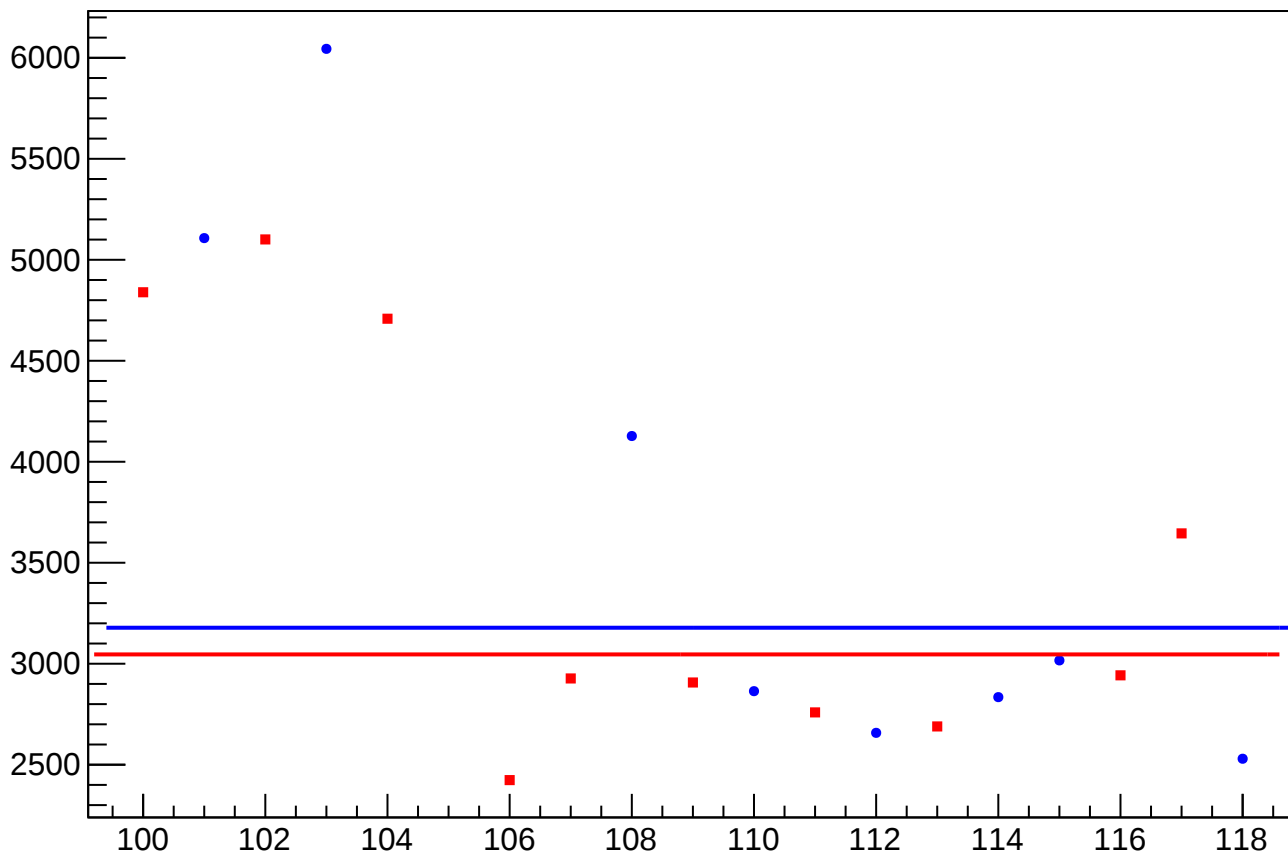
Right Out: 3002.299+/-1768.362 χ^2 /NDF: 8.0/9

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

-1332.229+/-1906.539 χ^2 /NDF: 3.8/7

3002.299+/-1768.362 χ^2 /NDF: 8.0/9

asym_atl_dd_rms vs Slug



Right In: 3178.229 $\pm$ 1.348 χ^2 /NDF: 563996.5/7

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

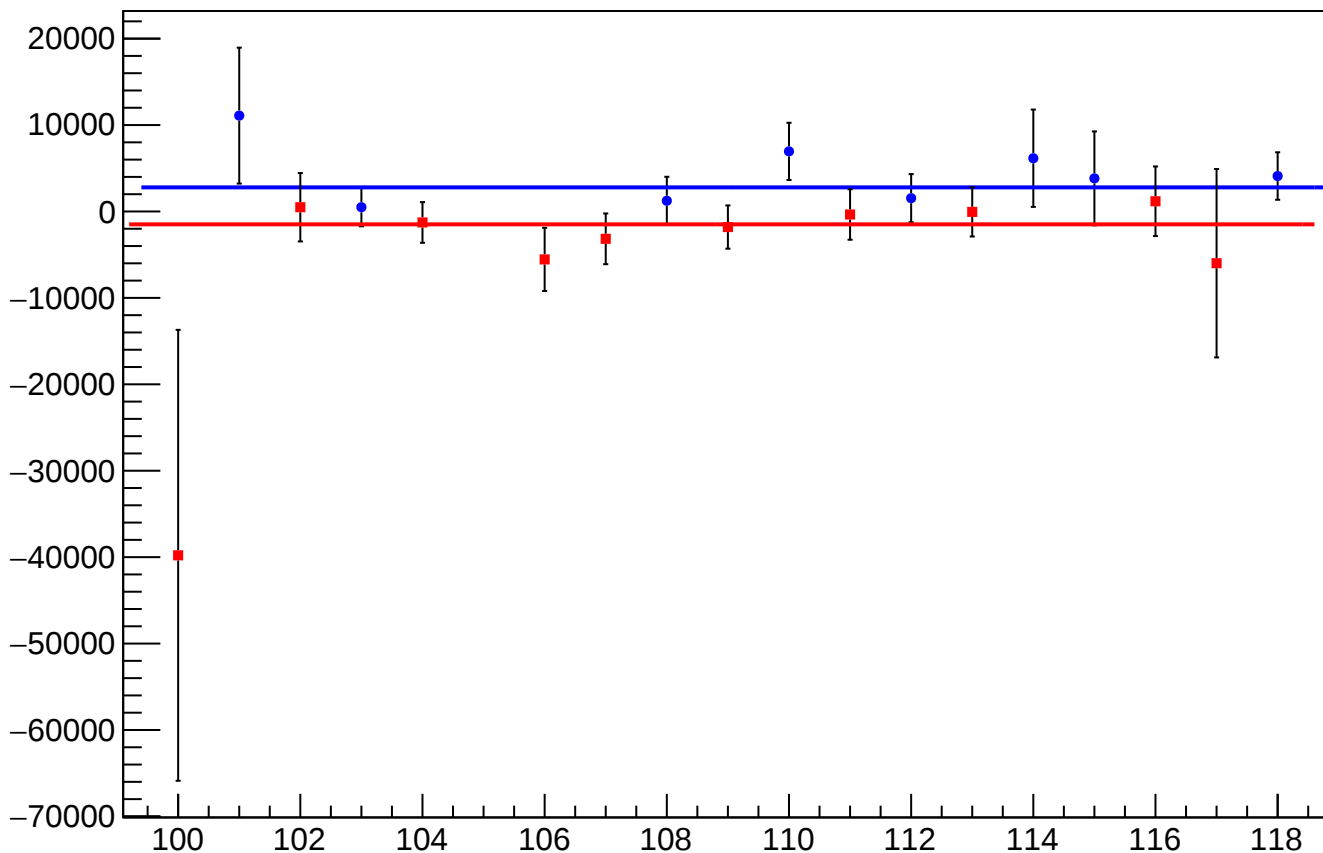
Right Out: 3046.112 $\pm$ 1.217 χ^2 /NDF: 360676.0/9

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

3178.229 $\pm$ 1.348 χ^2 /NDF: 563996.5/7

3046.112 $\pm$ 1.217 χ^2 /NDF: 360676.0/9

reg_asym_atr_avg_mean vs Slug



Right In: 2788.703+/-1140.675 χ^2/NDF : 4.9/7

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

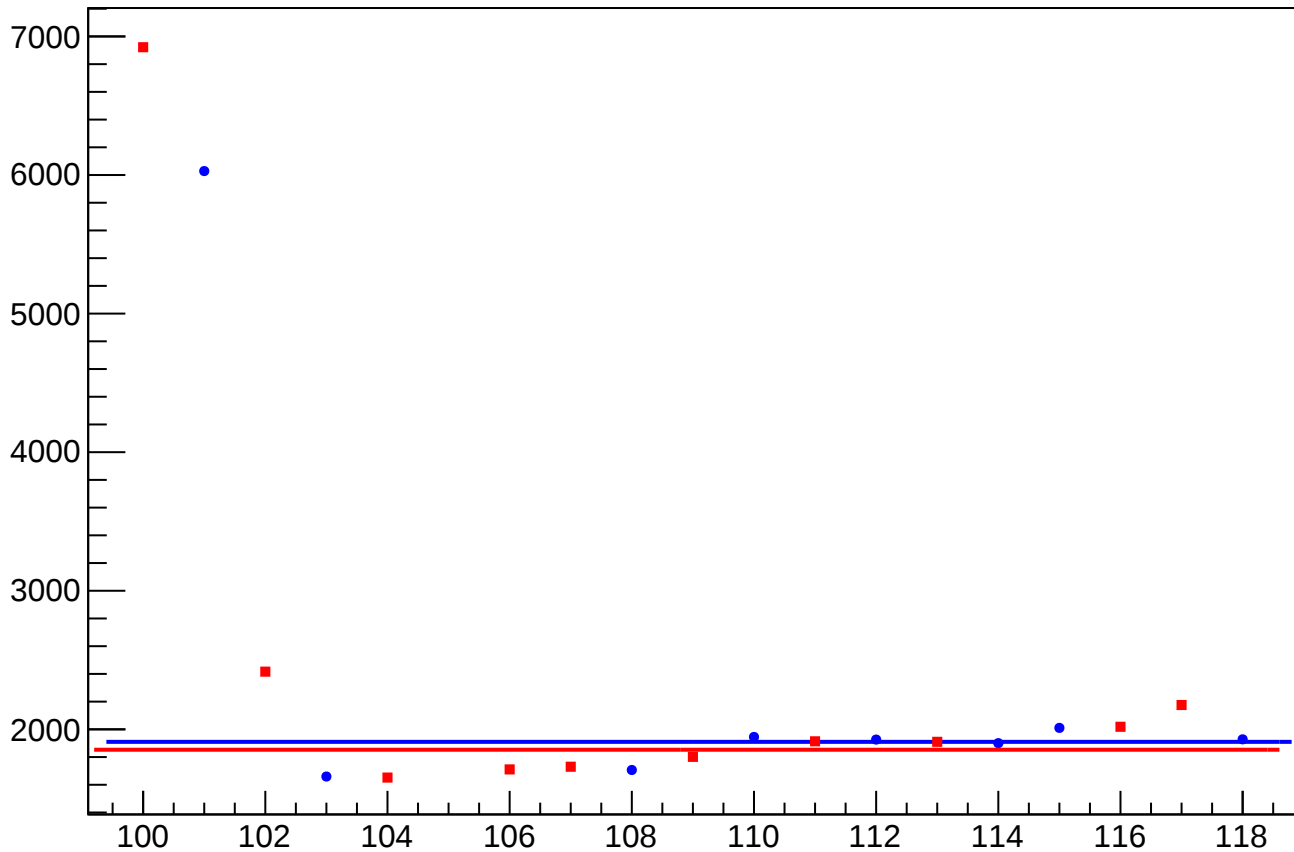
Right Out: -1489.484+/-1050.025 χ^2/NDF : 5.0/9

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

2788.703+/-1140.675 χ^2/NDF : 4.9/7

-1489.484+/-1050.025 χ^2/NDF : 5.0/9

reg_asym_atr_avg_rms vs Slug



Right In: 1909.764+/-0.807 χ^2/NDF : 586129.8/7

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

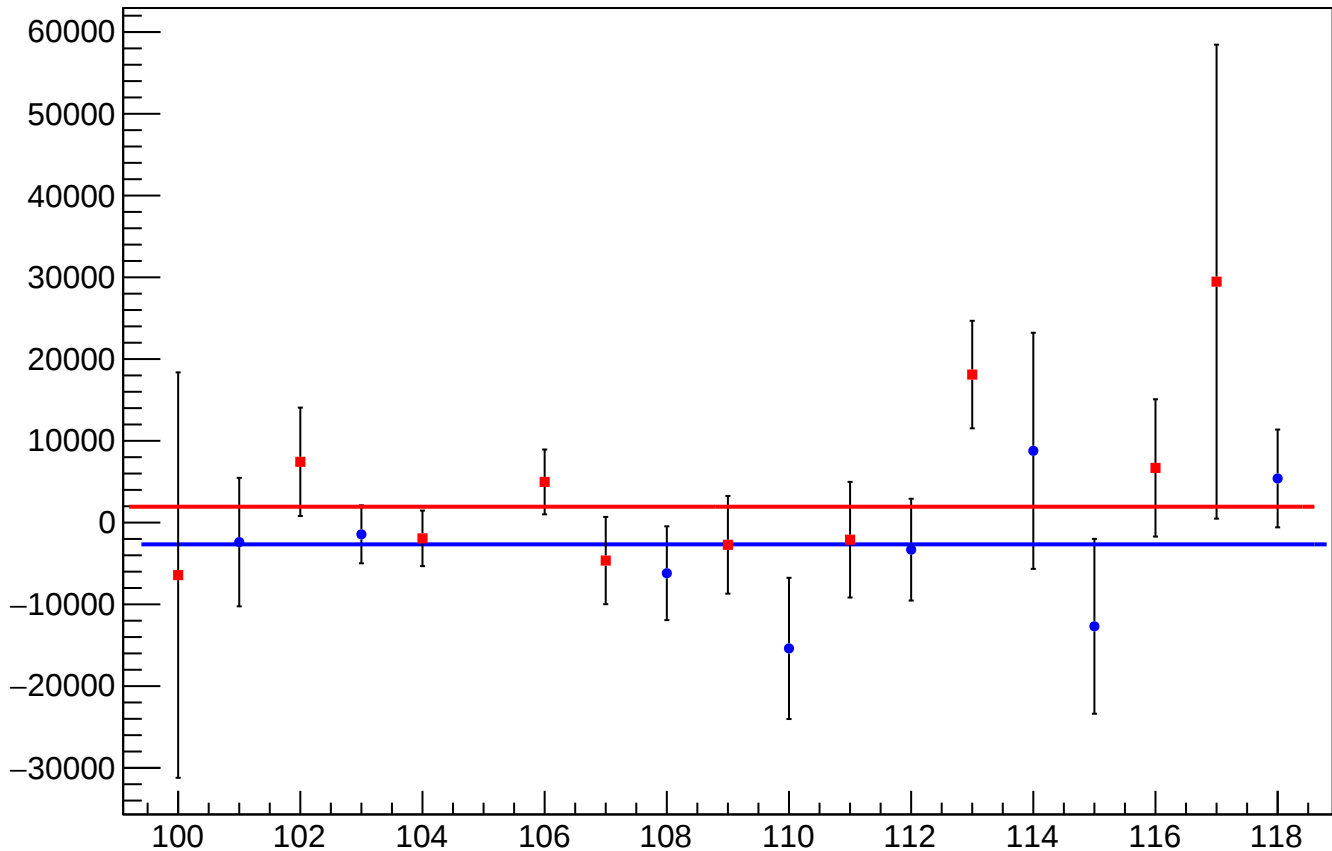
Right Out: 1852.854+/-0.739 χ^2/NDF : 145116.7/9

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

1909.764+/-0.807 χ^2/NDF : 586129.8/7

1852.854+/-0.739 χ^2/NDF : 145116.7/9

asym_atr_avg_correction_mean vs Slug



Right In: -2661.242 $\pm$ 2197.978 χ^2 /NDF: 6.0/7

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

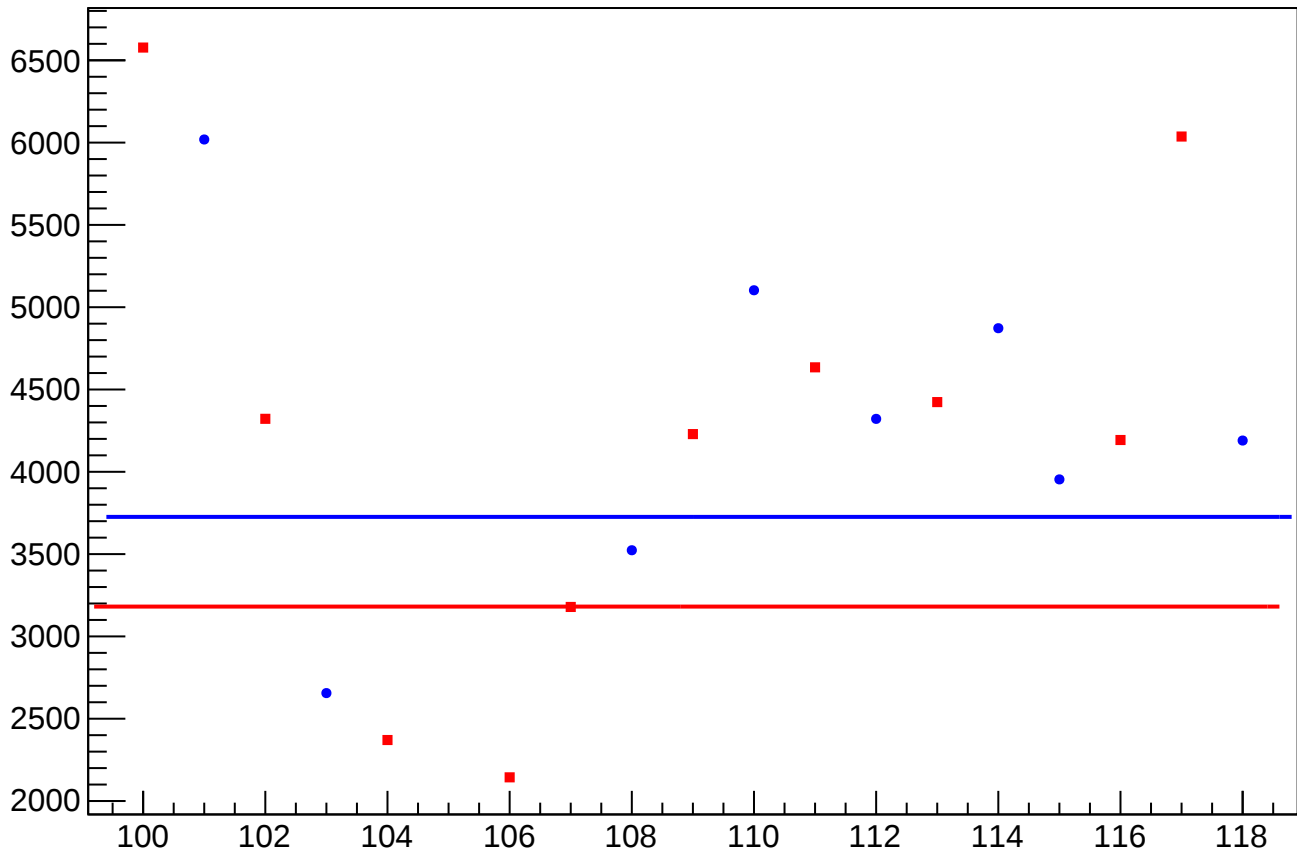
-2661.242 $\pm$ 2197.978 χ^2 /NDF: 6.0/7

Right Out: 1942.182 $\pm$ 1837.307 χ^2 /NDF: 12.4/9

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

1942.182 $\pm$ 1837.307 χ^2 /NDF: 12.4/9

asym_atr_avg_correction_rms vs Slug



Right In: 3726.141+/-1.554 χ^2/NDF : 450146.5/7

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

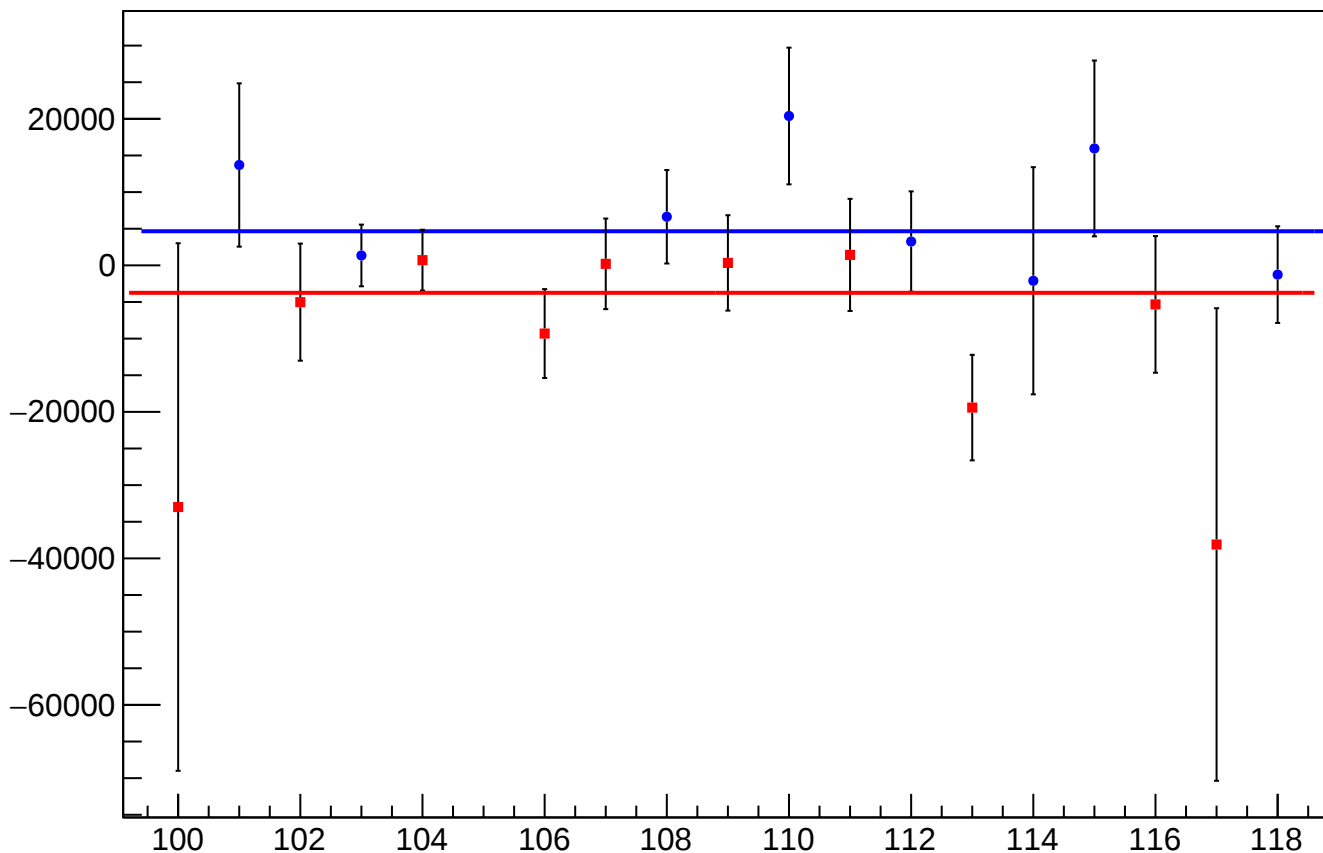
3726.141+/-1.554 χ^2/NDF : 450146.5/7

Right Out: 3181.210+/-1.299 χ^2/NDF : 613264.3/9

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

3181.210+/-1.299 χ^2/NDF : 613264.3/9

asym_atr_avg_mean vs Slug



Right In: 4656.495+/-2531.992 χ^2/NDF : 6.1/7

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

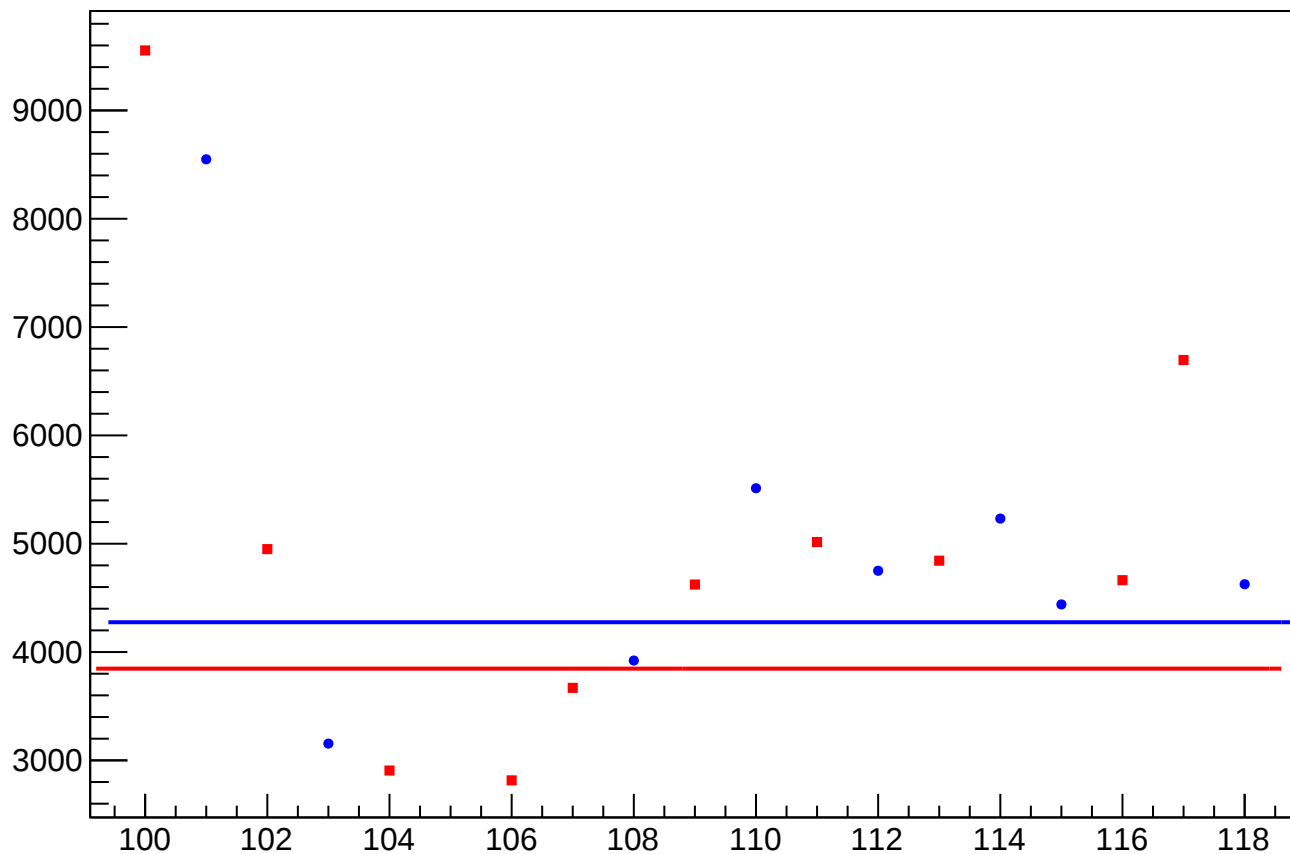
Right Out: -3746.000+/-2235.189 χ^2/NDF : 9.8/9

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

4656.495+/-2531.992 χ^2/NDF : 6.1/7

-3746.000+/-2235.189 χ^2/NDF : 9.8/9

asym_atr_avg_rms vs Slug



Right In: 4275.138+/-1.790 χ^2/NDF : 500304.0/7

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

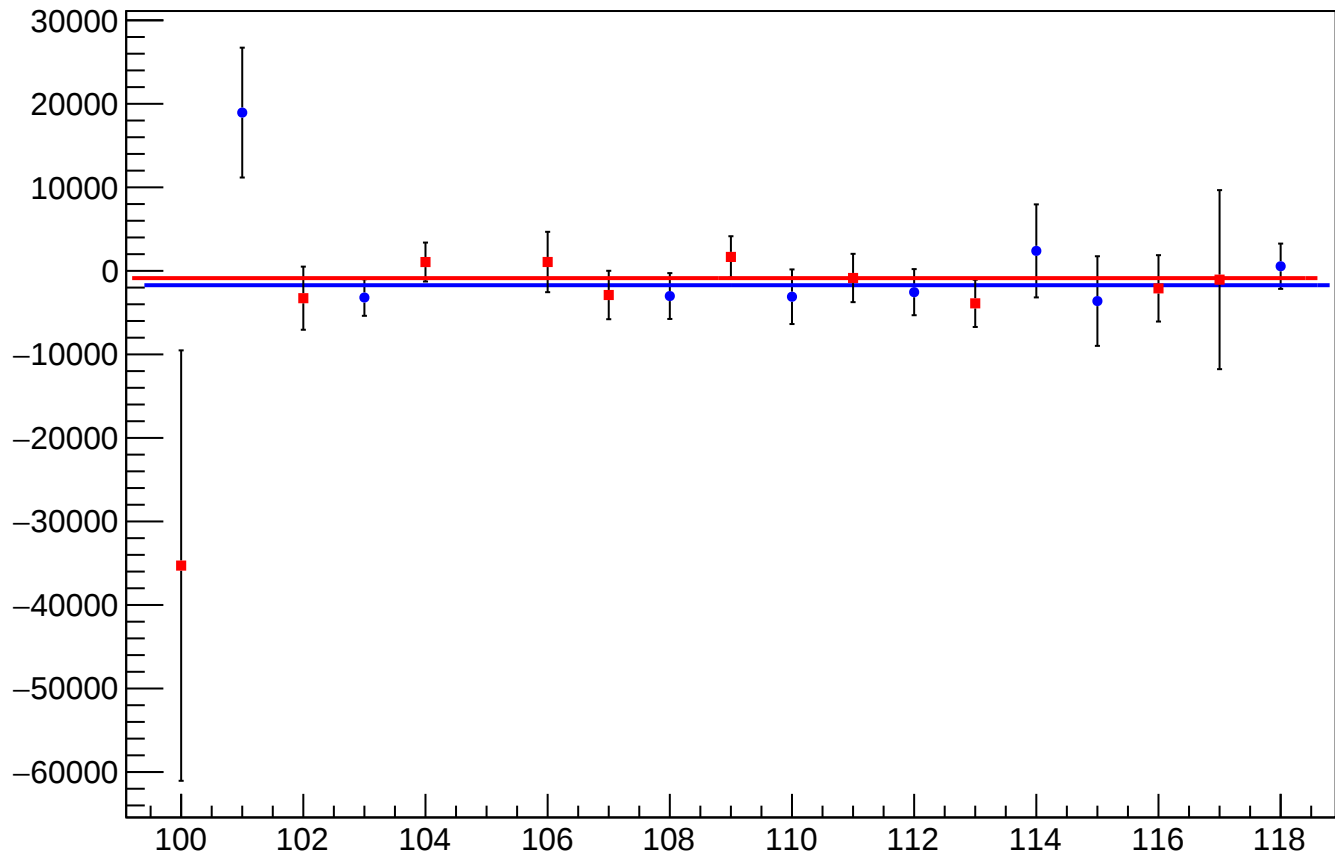
Right Out: 3846.848+/-1.565 χ^2/NDF : 403092.7/9

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

4275.138+/-1.790 χ^2/NDF : 500304.0/7

3846.848+/-1.565 χ^2/NDF : 403092.7/9

reg_asym_atr_dd_mean vs Slug



Right In: -1716.481+/-1128.144 χ^2 /NDF: 9.4/7

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

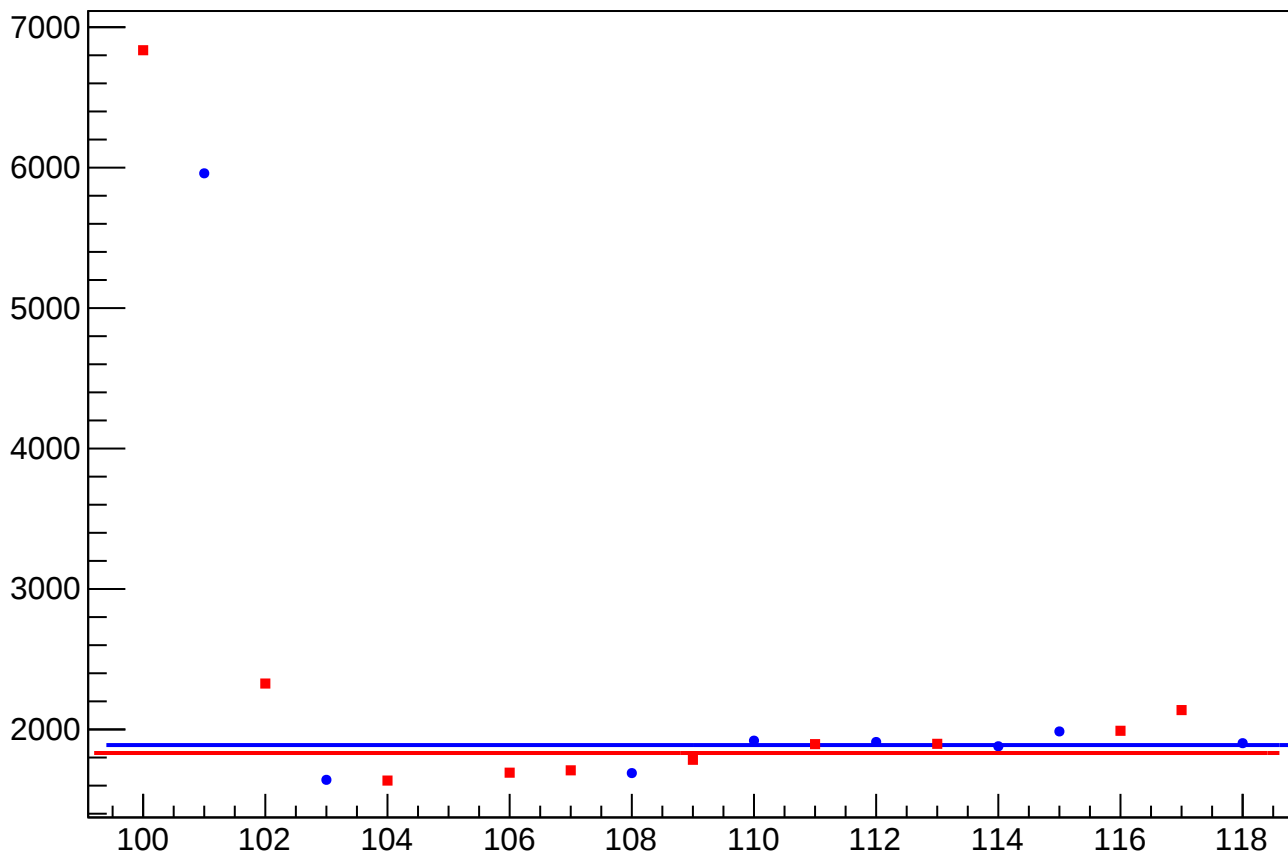
Right Out: -868.159+/-1036.680 χ^2 /NDF: 5.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1716.481+/-1128.144 χ^2 /NDF: 9.4/7

-868.159+/-1036.680 χ^2 /NDF: 5.9/9

reg_asym_atr_dd_rms vs Slug



Right In: 1888.801 $\pm$ 0.798 χ^2 /NDF: 585673.7/7

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

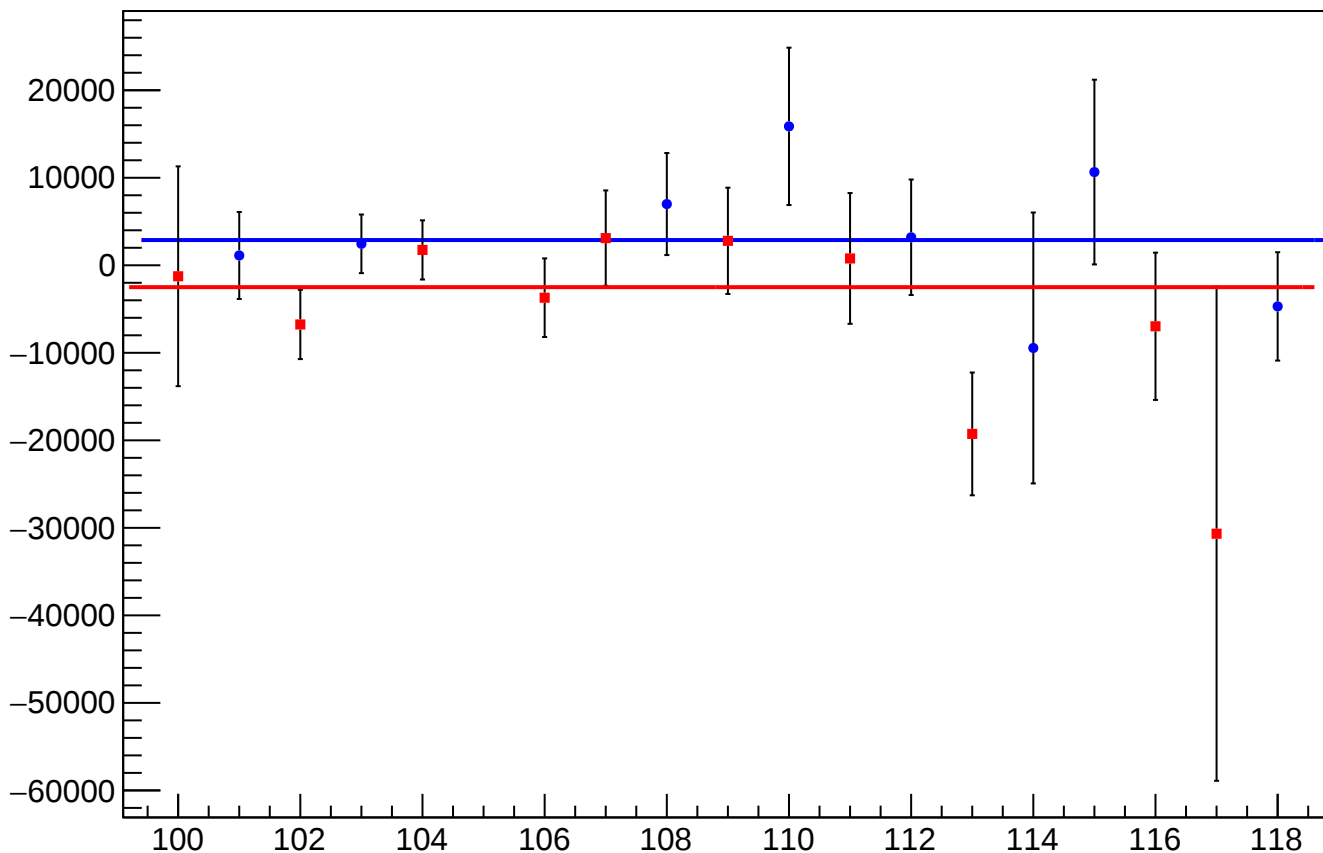
Right Out: 1832.264 $\pm$ 0.730 χ^2 /NDF: 138412.3/9

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

1888.801 $\pm$ 0.798 χ^2 /NDF: 585673.7/7

1832.264 $\pm$ 0.730 χ^2 /NDF: 138412.3/9

asym_atr_dd_correction_mean vs Slug



Right In: 2883.059+/-2068.984 χ^2/NDF : 5.4/7

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

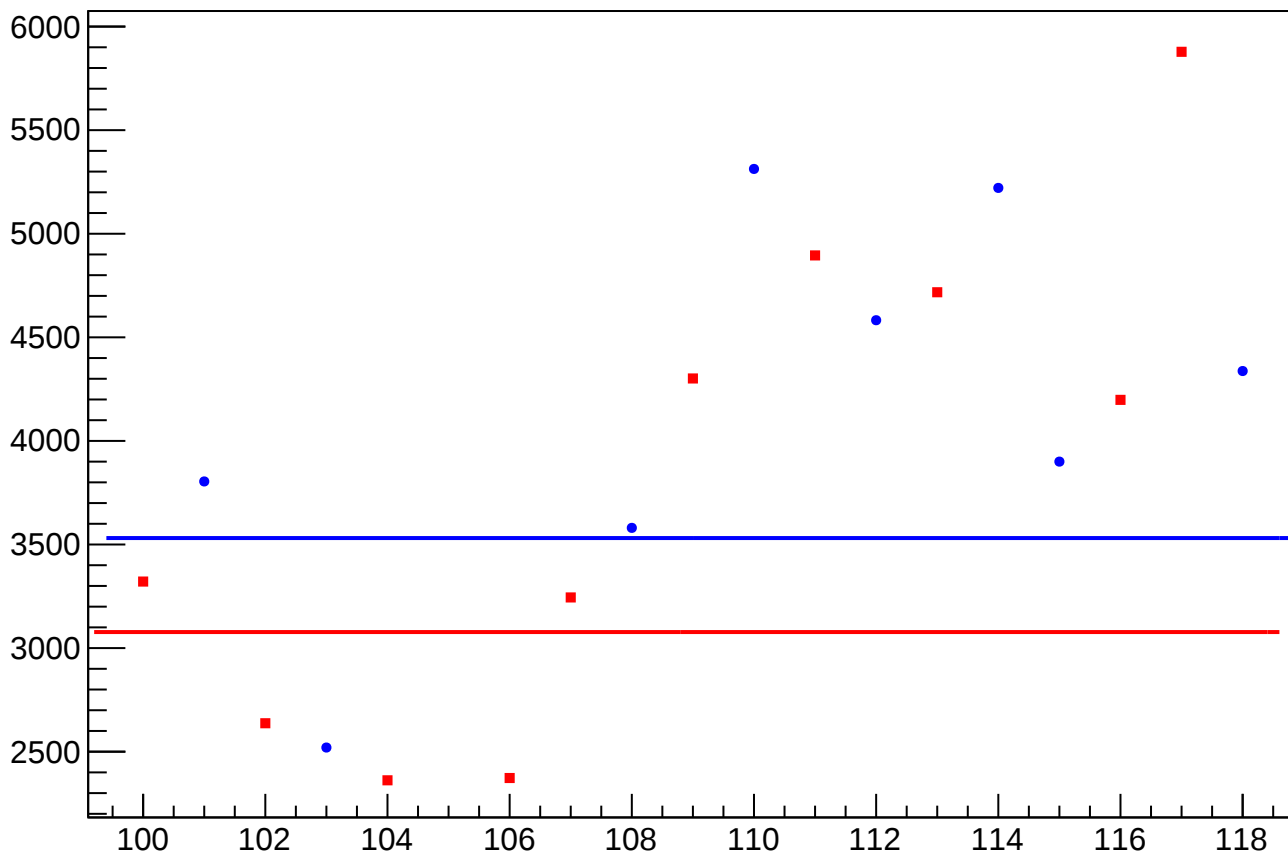
Right Out: -2498.519+/-1763.159 χ^2/NDF : 11.8/9

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

2883.059+/-2068.984 χ^2/NDF : 5.4/7

-2498.519+/-1763.159 χ^2/NDF : 11.8/9

asym_atr_dd_correction_rms vs Slug



Right In: 3531.140+/-1.463 χ^2/NDF : 377928.8/7

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

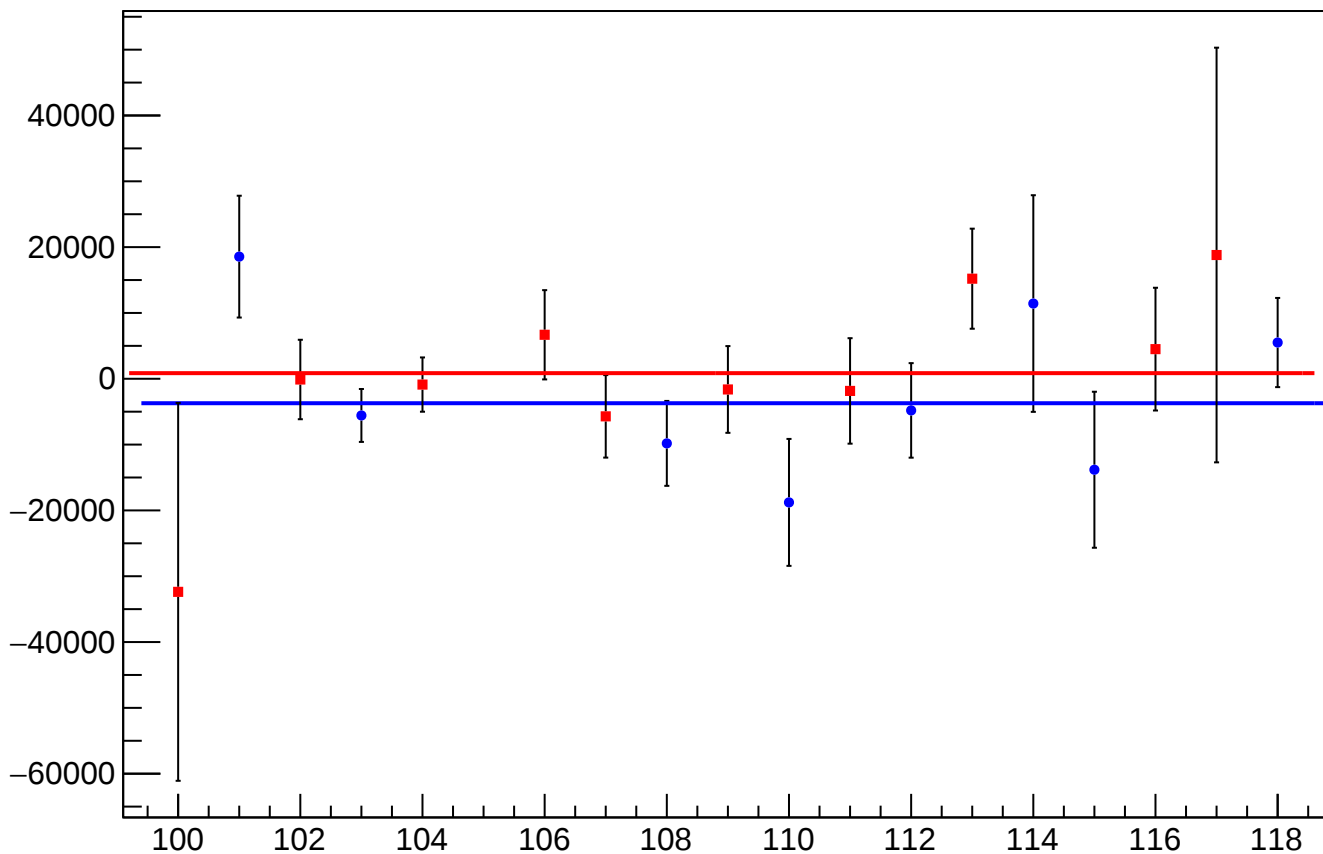
Right Out: 3077.402+/-1.247 χ^2/NDF : 530389.4/9

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

3531.140+/-1.463 χ^2/NDF : 377928.8/7

3077.402+/-1.247 χ^2/NDF : 530389.4/9

asym_atr_dd_mean vs Slug



Right In: -3714.488 $\pm$ 2497.408 χ^2 /NDF: 12.8/7

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

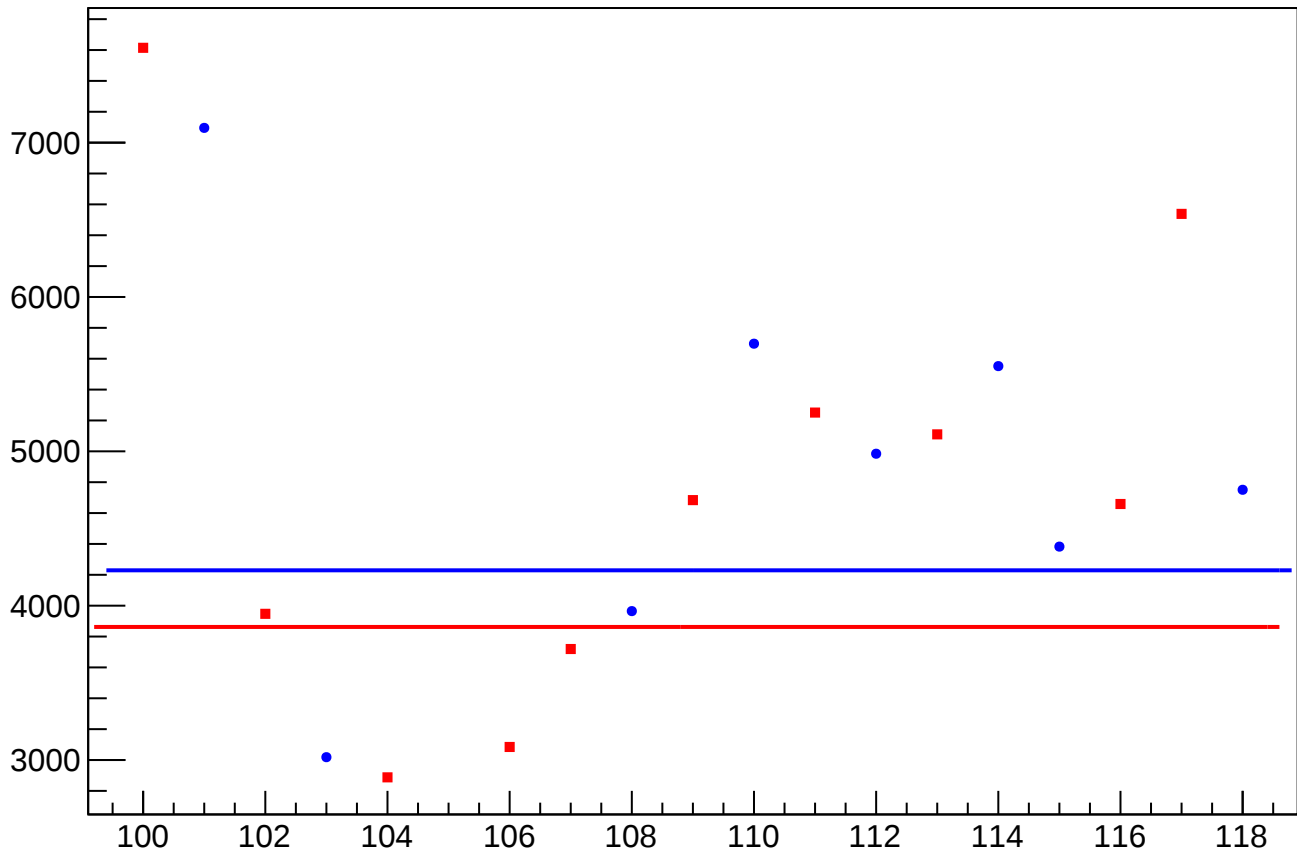
Right Out: 853.724 $\pm$ 2218.883 χ^2 /NDF: 7.7/9

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

-3714.488 $\pm$ 2497.408 χ^2 /NDF: 12.8/7

853.724 $\pm$ 2218.883 χ^2 /NDF: 7.7/9

asym_atr_dd_rms vs Slug



Right In: 4229.058+/-1.766 χ^2/NDF : 470324.0/7

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

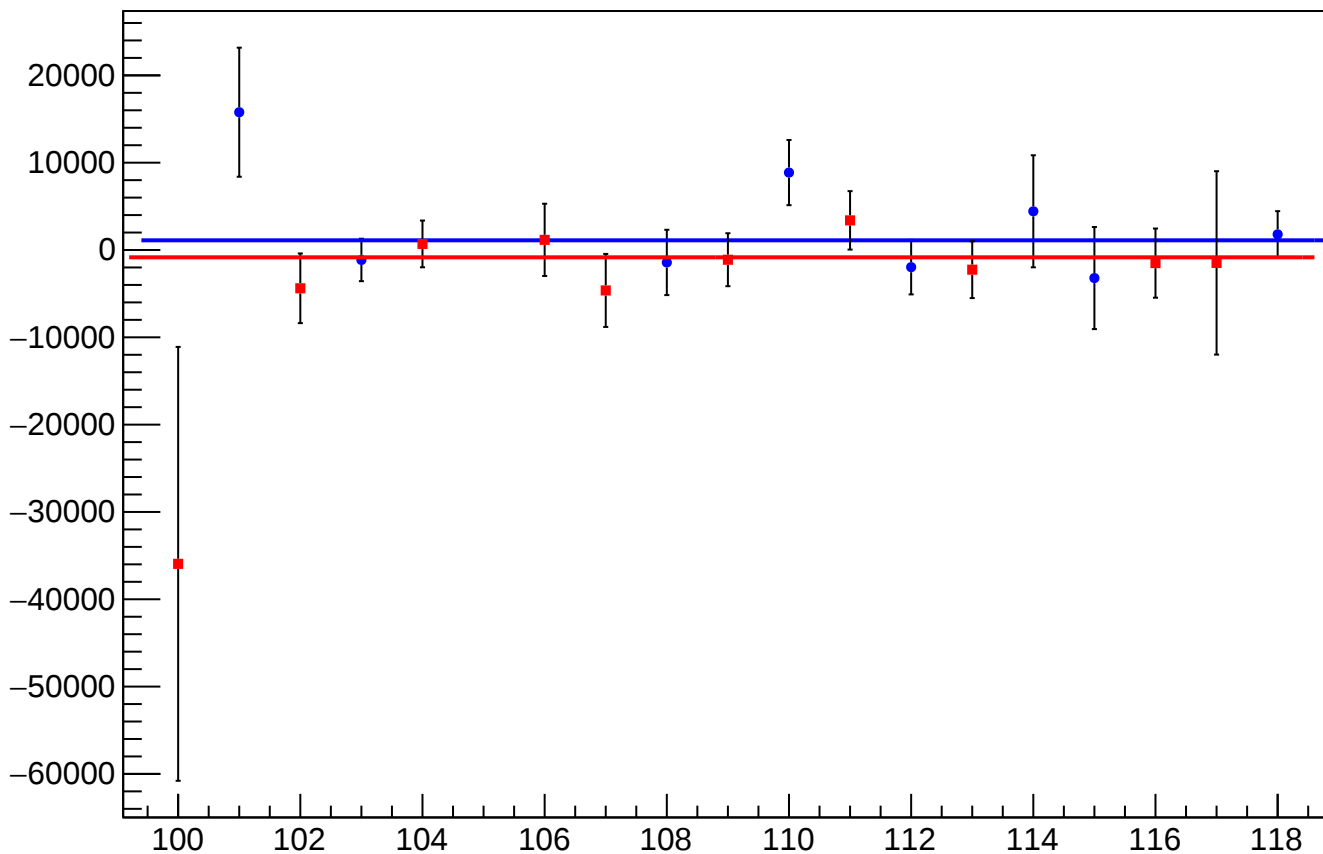
Right Out: 3862.167+/-1.554 χ^2/NDF : 352444.2/9

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

4229.058+/-1.766 χ^2/NDF : 470324.0/7

3862.167+/-1.554 χ^2/NDF : 352444.2/9

reg_asym_at1_avg_mean vs Slug



Right In: 1109.856+/-1261.210 χ^2/NDF : 11.4/7

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

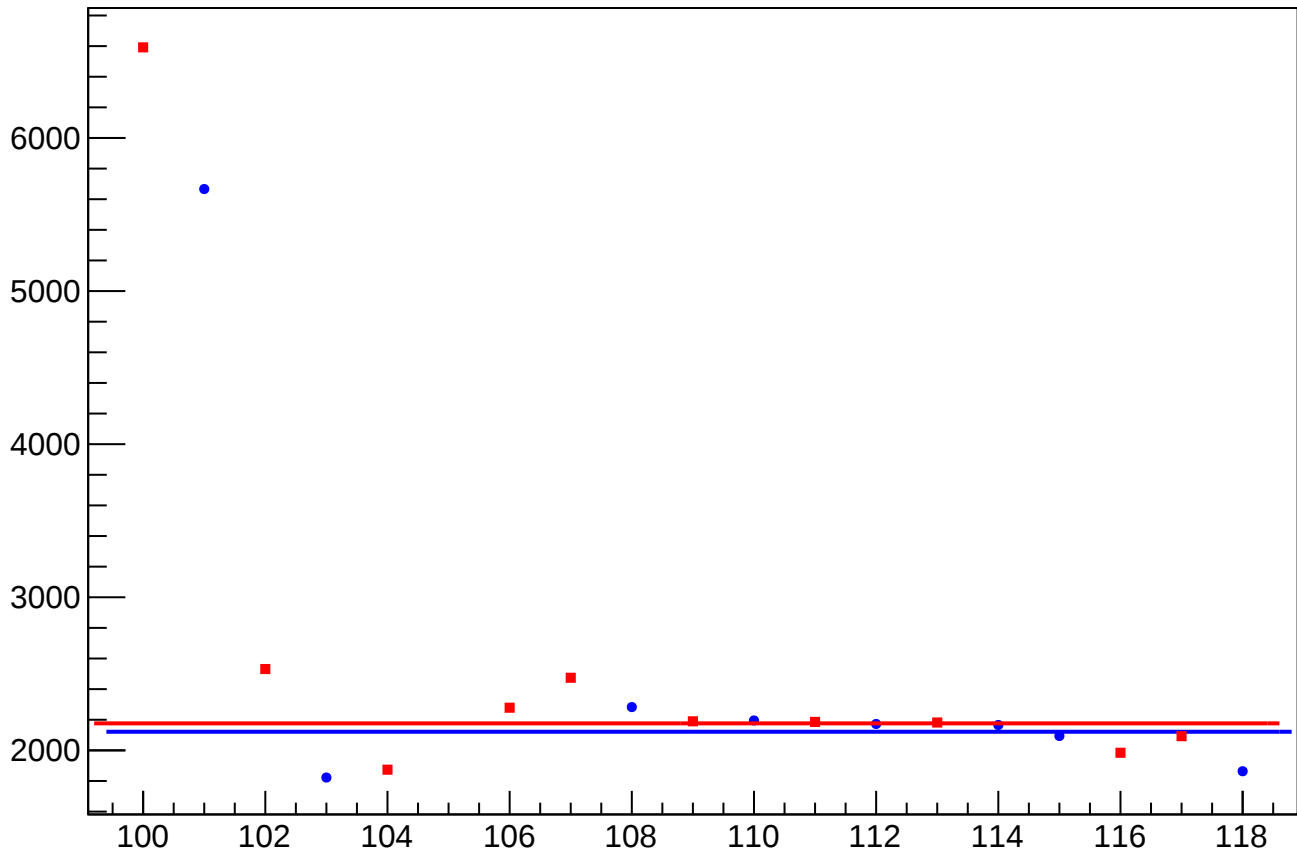
Right Out: -837.556+/-1208.114 χ^2/NDF : 6.0/9

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

1109.856+/-1261.210 χ^2/NDF : 11.4/7

-837.556+/-1208.114 χ^2/NDF : 6.0/9

reg_asym_at1_avg_rms vs Slug



Right In: 2121.556 $\pm$ 0.892 χ^2 /NDF: 514249.7/7

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

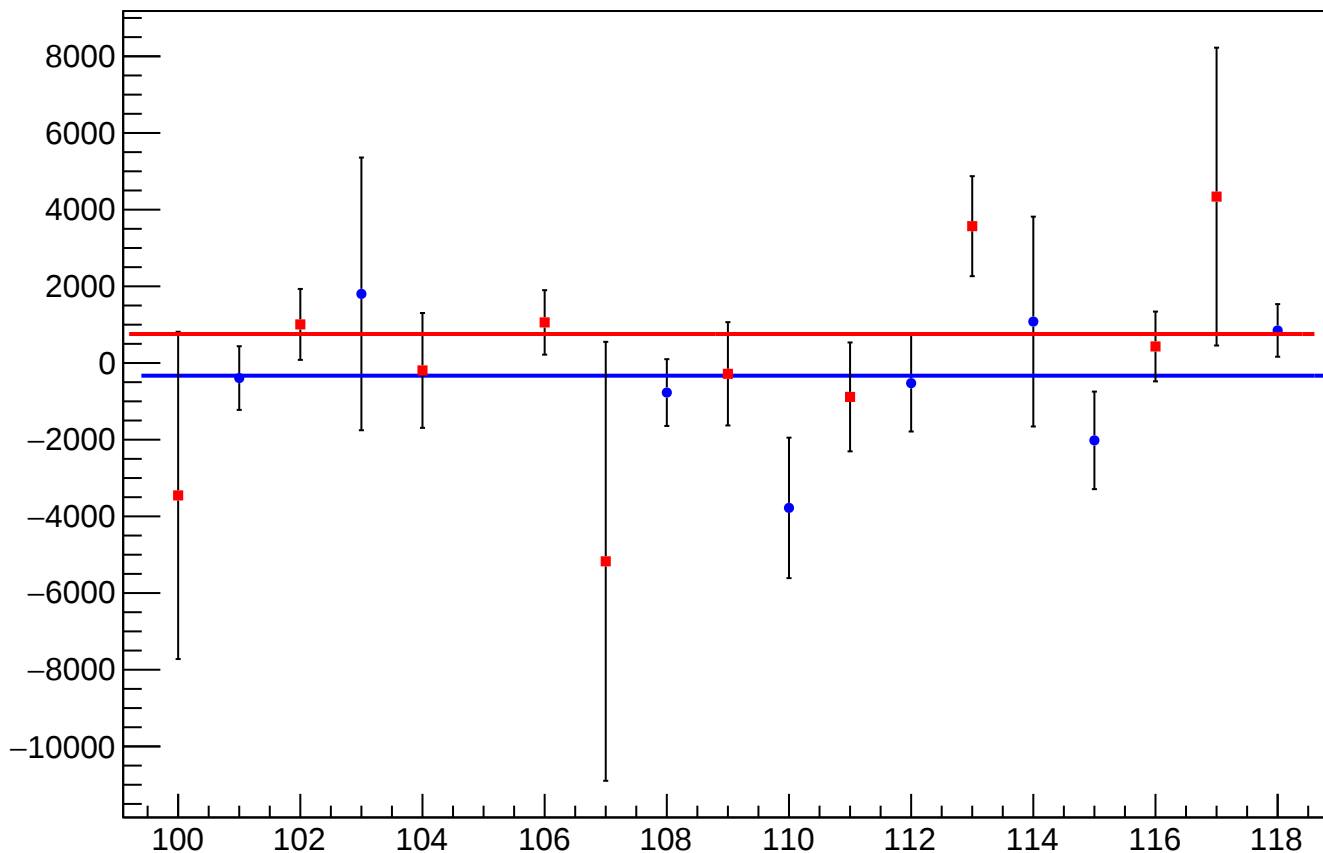
Right Out: 2176.462 $\pm$ 0.854 χ^2 /NDF: 120815.1/9

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

2121.556 $\pm$ 0.892 χ^2 /NDF: 514249.7/7

2176.462 $\pm$ 0.854 χ^2 /NDF: 120815.1/9

asym_at1_avg_correction_mean vs Slug



Right In: -330.466+/-387.812 χ^2/NDF : 9.2/7

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

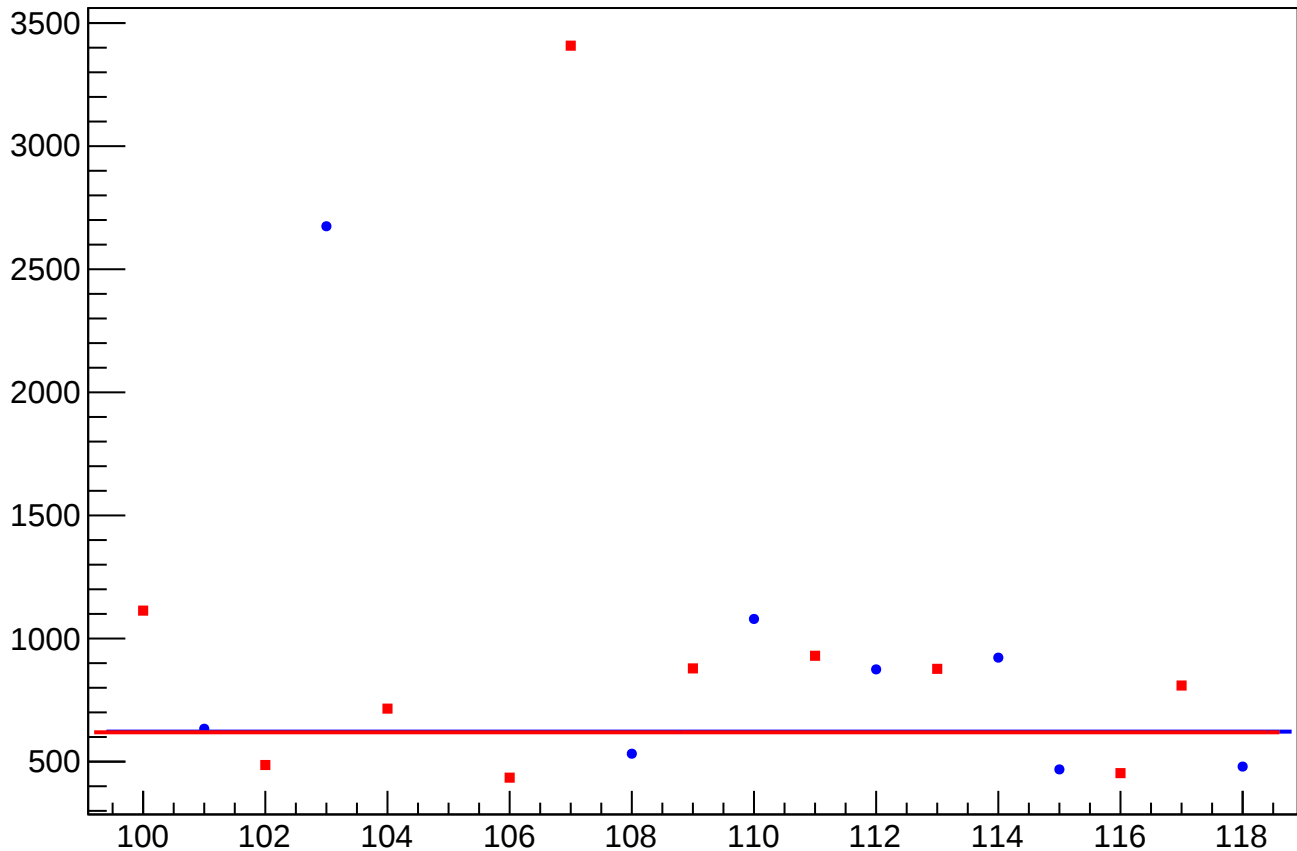
Right Out: 756.305+/-407.519 χ^2/NDF : 10.2/9

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

-330.466+/-387.812 χ^2/NDF : 9.2/7

756.305+/-407.519 χ^2/NDF : 10.2/9

asym_at1_avg_correction_rms vs Slug



Right In: 621.889+/-0.274 χ^2/NDF : 1031874.8/7

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

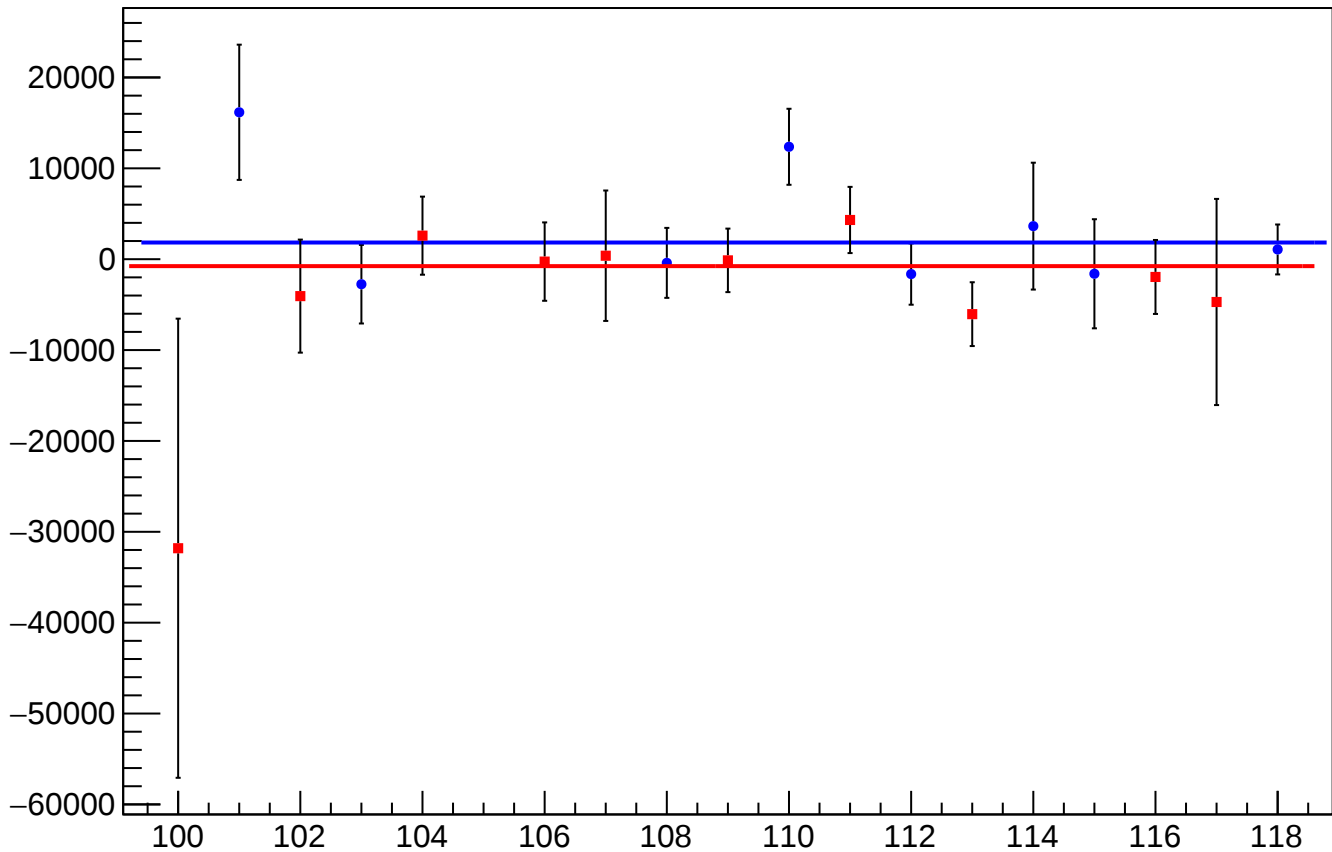
Right Out: 619.162+/-0.288 χ^2/NDF : 966387.8/9

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

621.889+/-0.274 χ^2/NDF : 1031874.8/7

619.162+/-0.288 χ^2/NDF : 966387.8/9

asym_at1_avg_mean vs Slug



Right In: 1835.577+/-1466.805 χ^2/NDF : 13.0/7

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

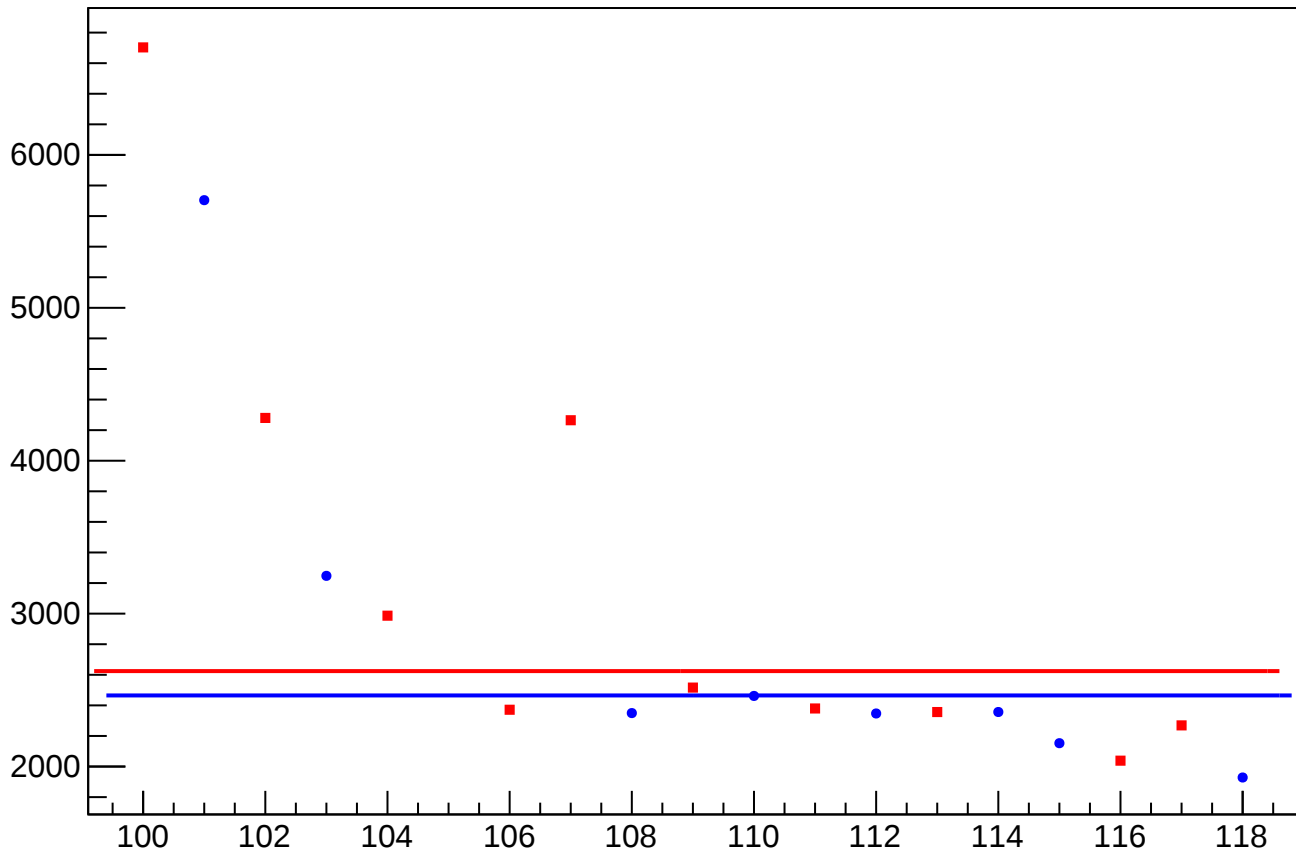
Right Out: -763.092+/-1472.471 χ^2/NDF : 6.9/9

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

1835.577+/-1466.805 χ^2/NDF : 13.0/7

-763.092+/-1472.471 χ^2/NDF : 6.9/9

asym_at1_avg_rms vs Slug



Right In: 2464.990+/-1.037 χ^2/NDF : 530873.4/7

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

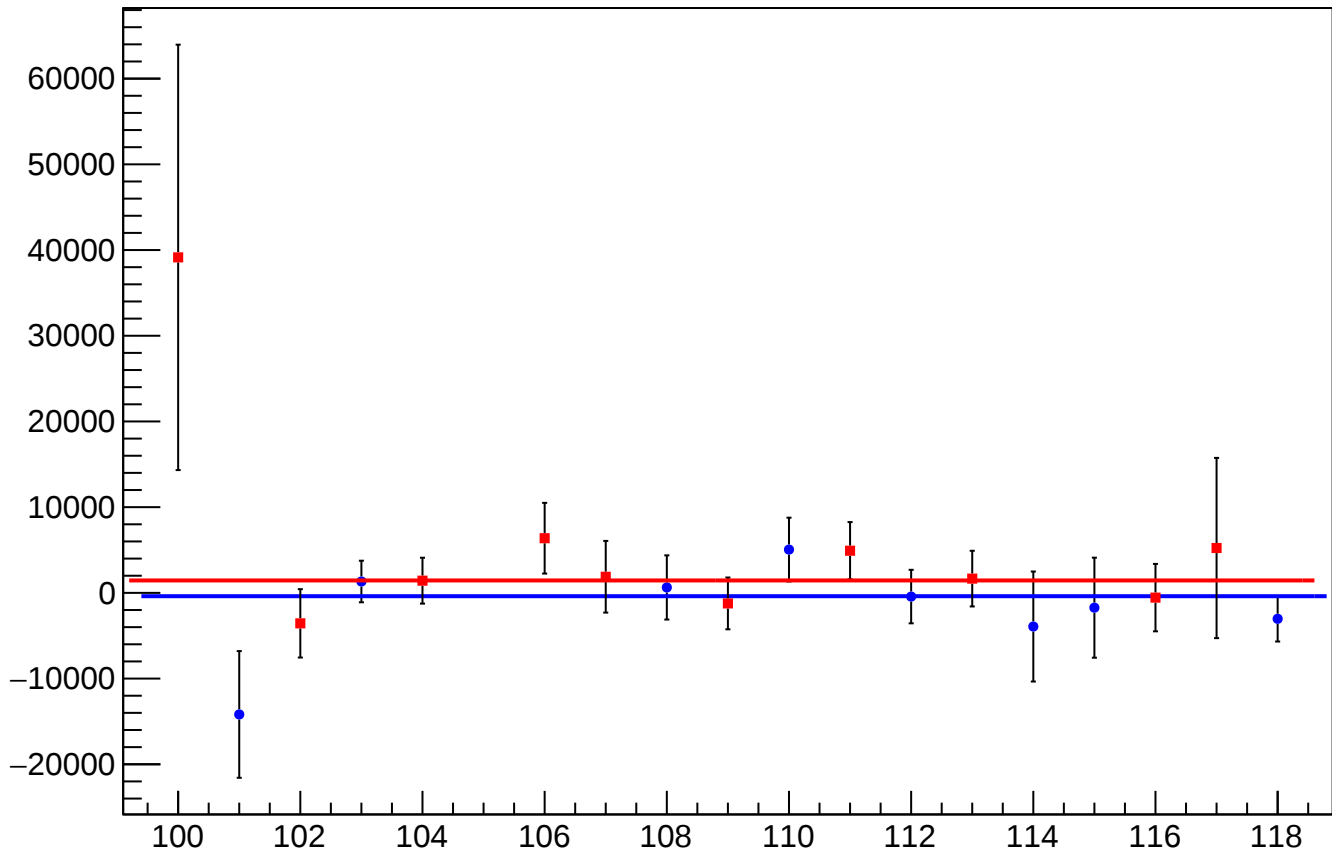
Right Out: 2624.207+/-1.041 χ^2/NDF : 385435.6/9

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

2464.990+/-1.037 χ^2/NDF : 530873.4/7

2624.207+/-1.041 χ^2/NDF : 385435.6/9

reg_asym_at1_dd_mean vs Slug



Right In: -389.240+/-1259.813 χ^2/NDF : 7.5/7

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

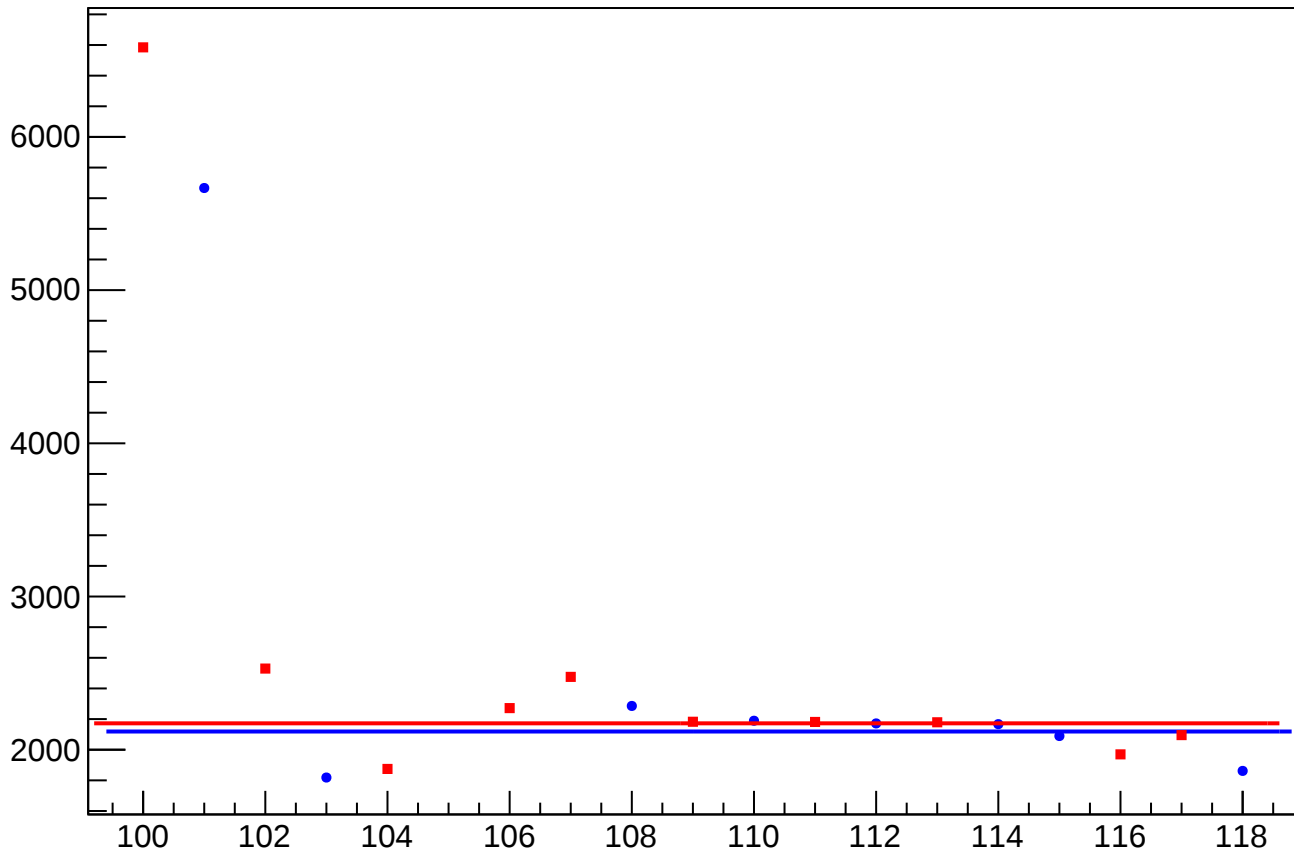
Right Out: 1448.485+/-1205.866 χ^2/NDF : 7.6/9

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

-389.240+/-1259.813 χ^2/NDF : 7.5/7

1448.485+/-1205.866 χ^2/NDF : 7.6/9

reg_asym_at1_dd_rms vs Slug



Right In: 2118.877+/-0.891 χ^2 /NDF: 515593.7/7

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

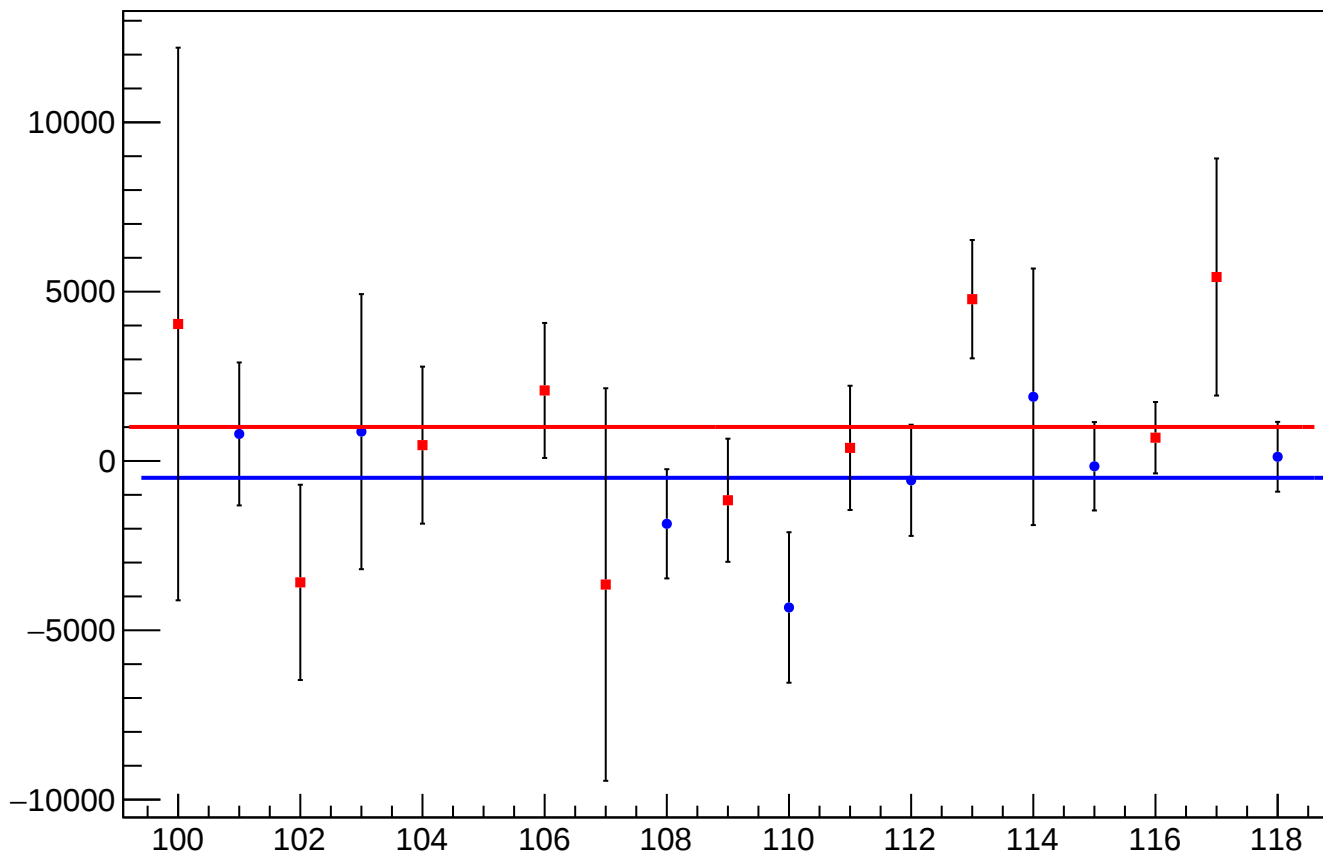
Right Out: 2172.293+/-0.853 χ^2 /NDF: 121160.6/9

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

2118.877+/-0.891 χ^2 /NDF: 515593.7/7

2172.293+/-0.853 χ^2 /NDF: 121160.6/9

asym_at1_dd_correction_mean vs Slug



Right In: -497.478+/-593.262 χ^2 /NDF: 5.0/7

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

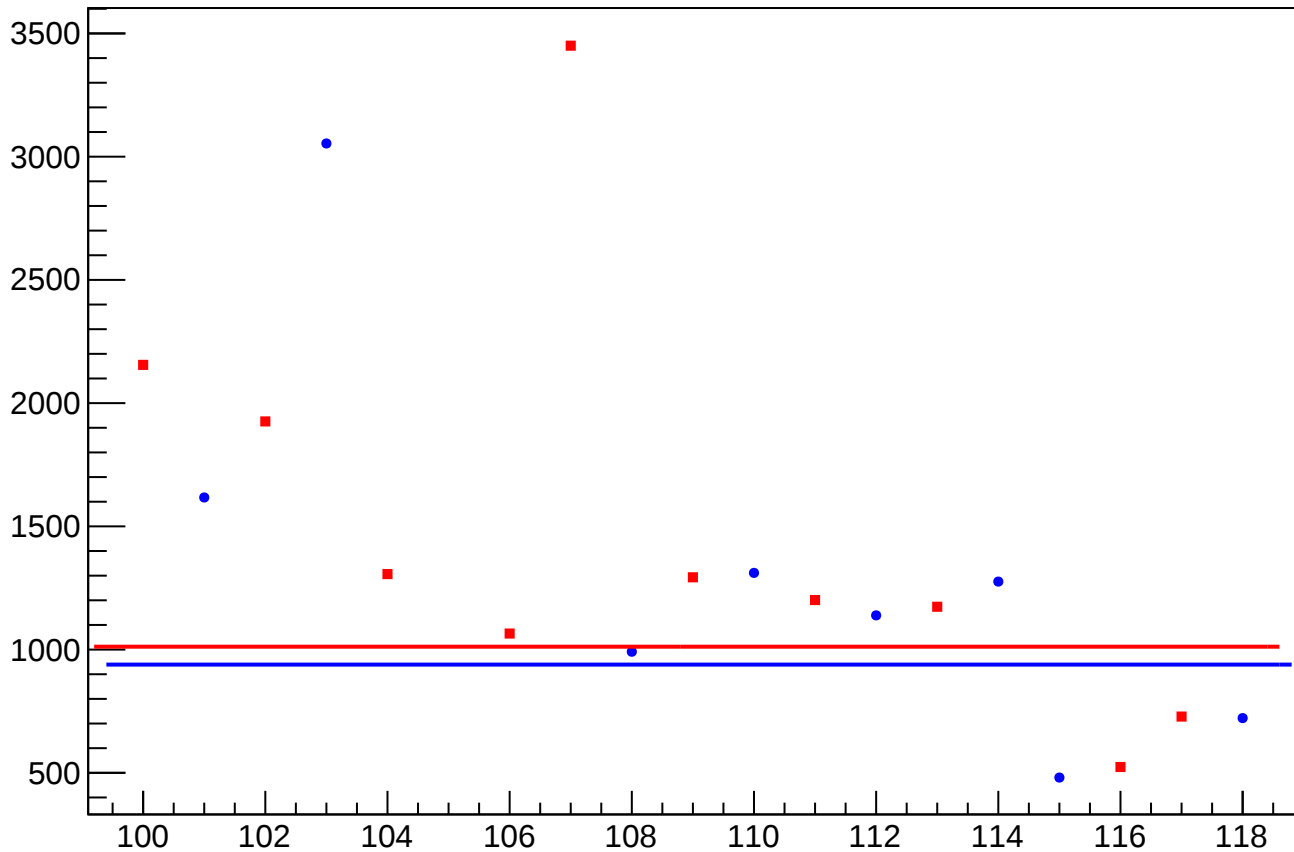
Right Out: 1004.453+/-631.036 χ^2 /NDF: 11.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-497.478+/-593.262 χ^2 /NDF: 5.0/7

1004.453+/-631.036 χ^2 /NDF: 11.5/9

asym_at1_dd_correction_rms vs Slug



Right In: 939.133+/-0.419 χ^2/NDF : 1187506.8/7

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

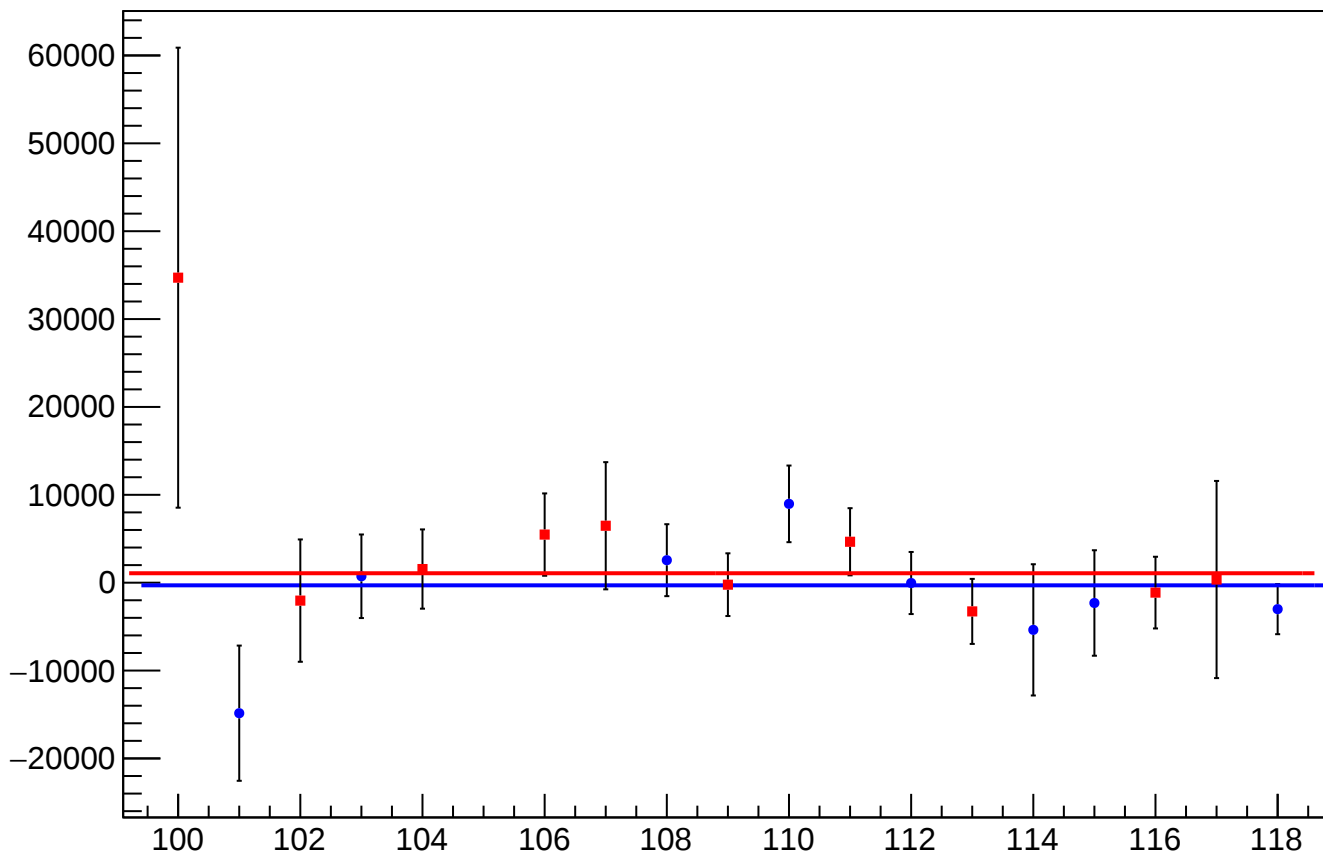
939.133+/-0.419 χ^2/NDF : 1187506.8/7

Right Out: 1011.784+/-0.446 χ^2/NDF : 1156428.7/9

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

1011.784+/-0.446 χ^2/NDF : 1156428.7/9

asym_at1_dd_mean vs Slug



Right In: -300.757+/-1539.235 χ^2/NDF : 10.1/7

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

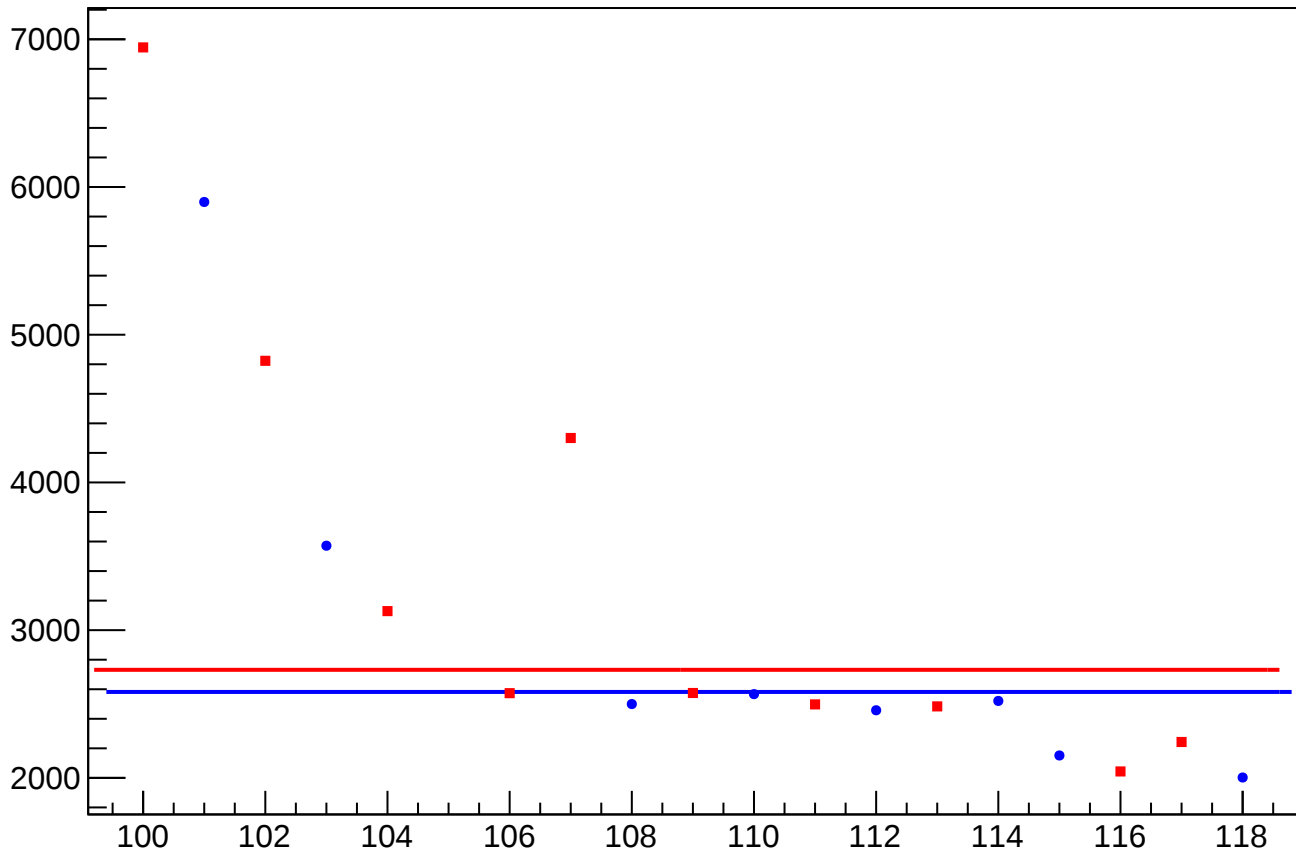
Right Out: 1074.920+/-1535.869 χ^2/NDF : 6.0/9

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

-300.757+/-1539.235 χ^2/NDF : 10.1/7

1074.920+/-1535.869 χ^2/NDF : 6.0/9

asym_at1_dd_rms vs Slug



Right In: 2581.753 $\pm$ 1.088 χ^2 /NDF: 554542.2/7

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

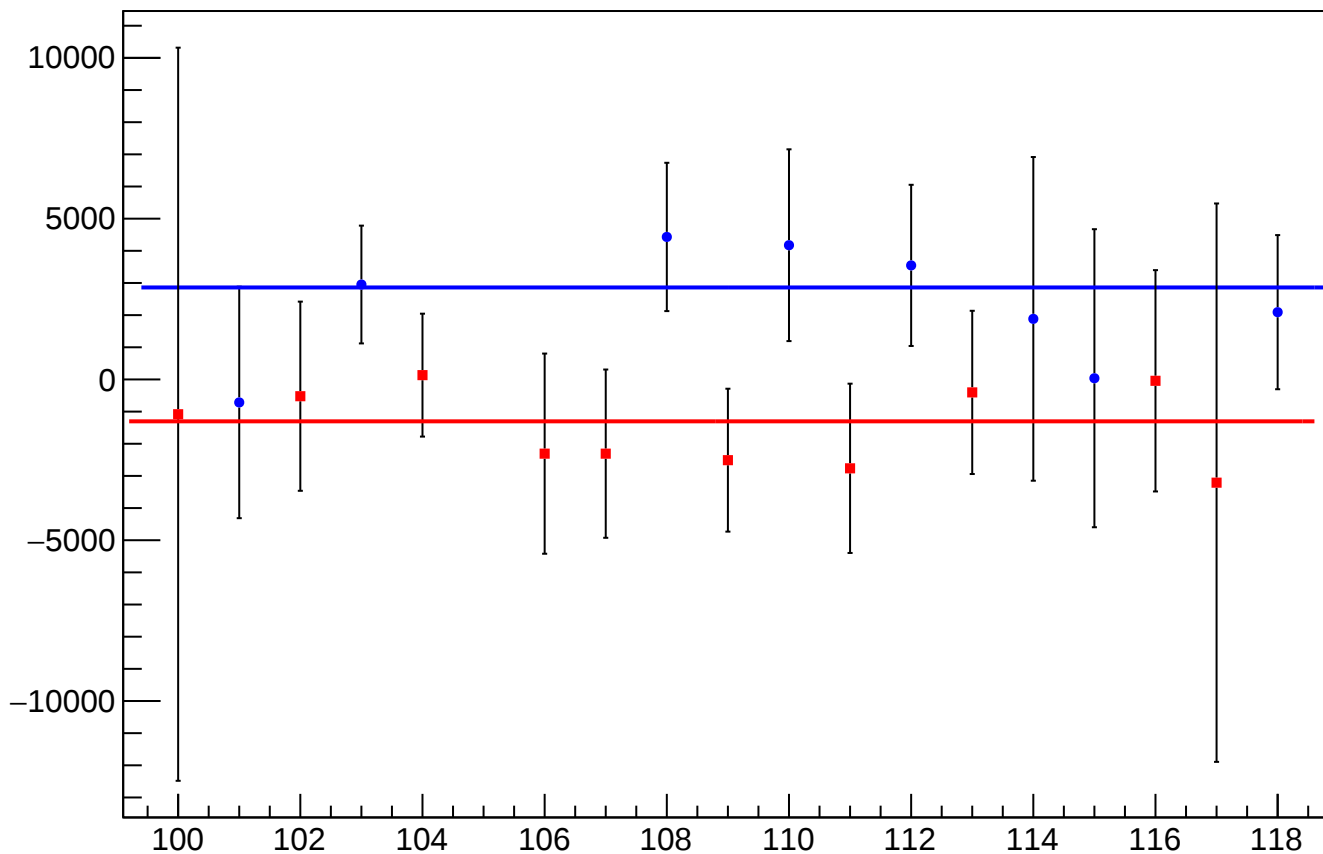
Right Out: 2731.516 $\pm$ 1.086 χ^2 /NDF: 425295.6/9

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

2581.753 $\pm$ 1.088 χ^2 /NDF: 554542.2/7

2731.516 $\pm$ 1.086 χ^2 /NDF: 425295.6/9

reg_asym_at2_avg_mean vs Slug



Right In: 2860.561+/-955.557 χ^2/NDF : 2.2/7

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

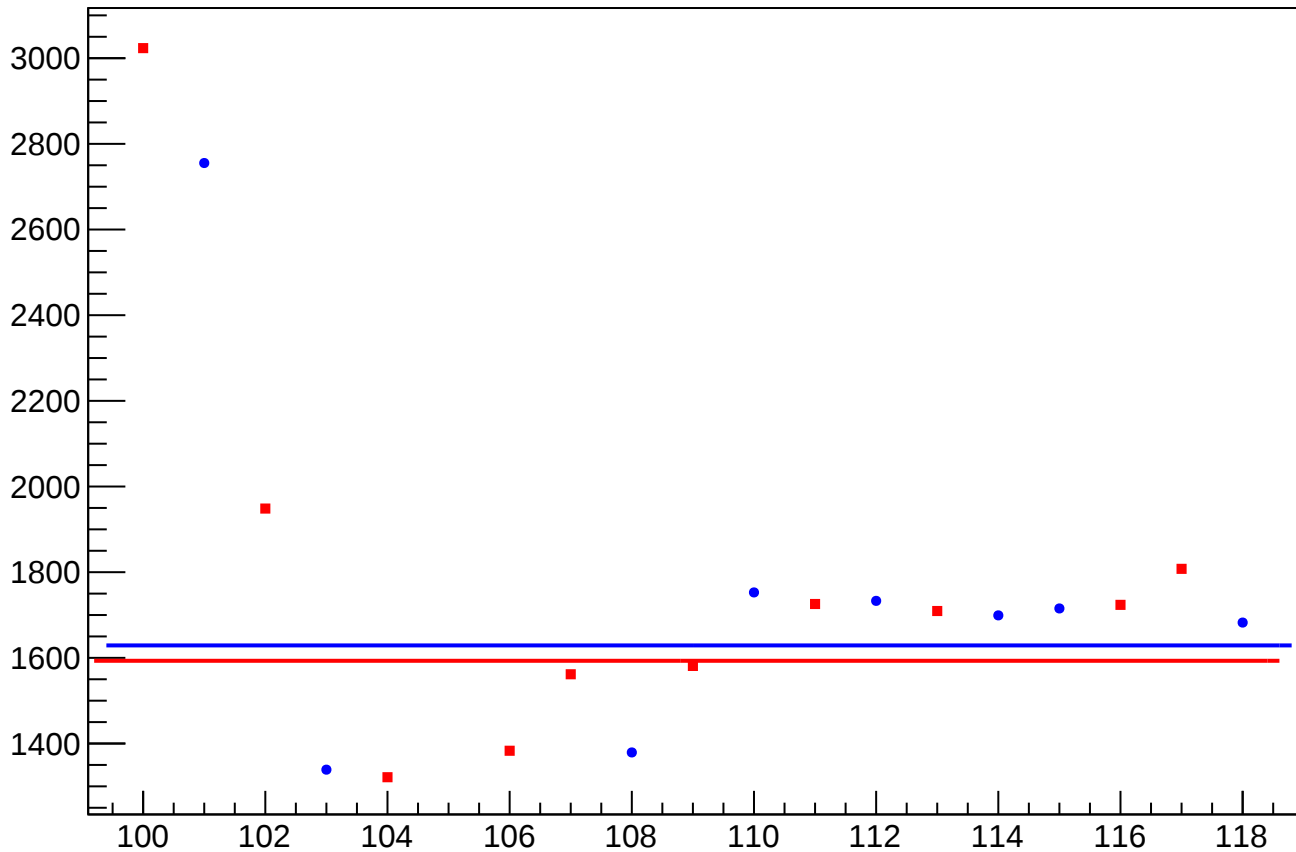
Right Out: -1302.783+/-895.832 χ^2/NDF : 1.8/9

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

2860.561+/-955.557 χ^2/NDF : 2.2/7

-1302.783+/-895.832 χ^2/NDF : 1.8/9

reg_asym_at2_avg_rms vs Slug



Right In: 1629.042 $\pm$ 0.676 χ^2 /NDF: 278404.5/7

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

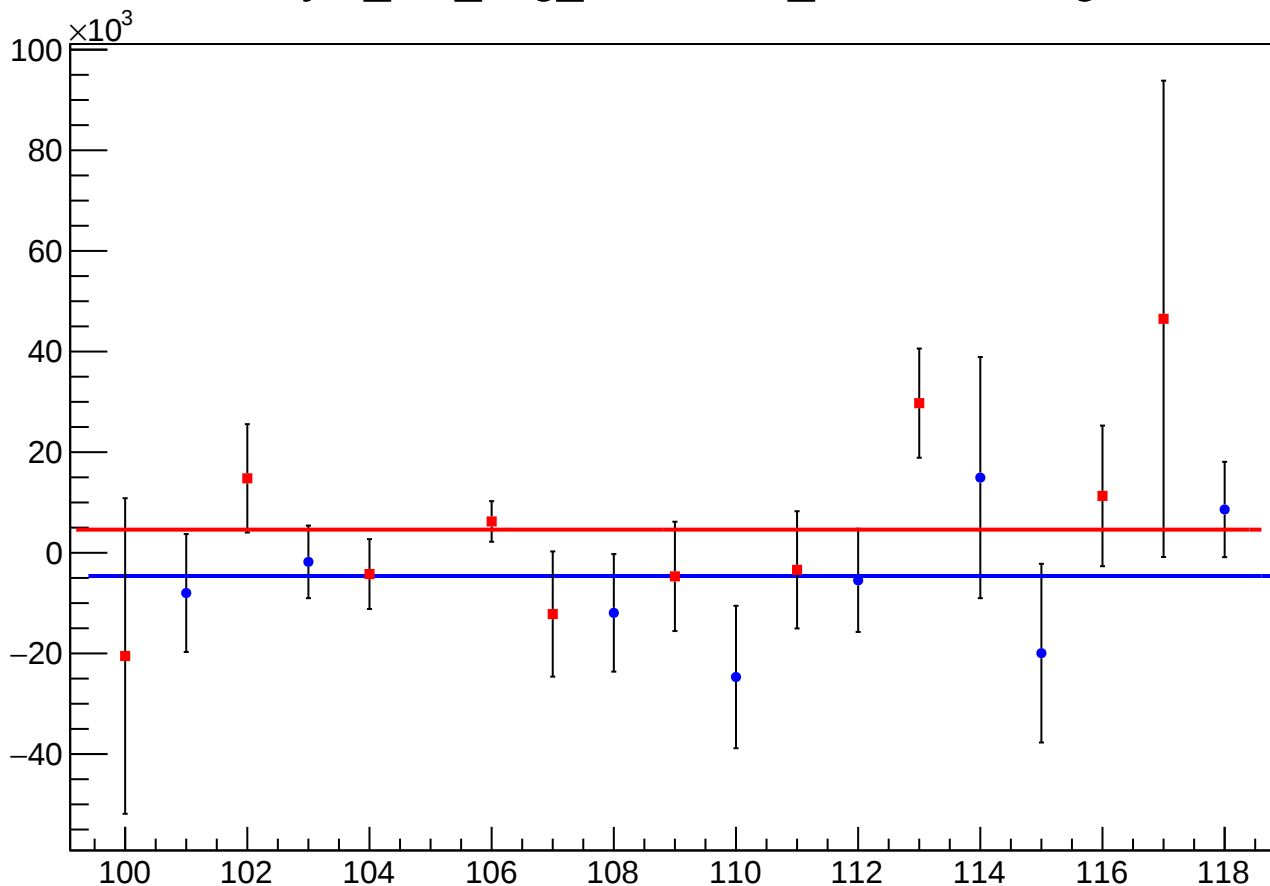
1629.042 $\pm$ 0.676 χ^2 /NDF: 278404.5/7

Right Out: 1593.158 $\pm$ 0.633 χ^2 /NDF: 123967.1/9

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

1593.158 $\pm$ 0.633 χ^2 /NDF: 123967.1/9

asym_at2_avg_correction_mean vs Slug



Right In: -4612.356+/-3941.293 χ^2/NDF : 6.0/7

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

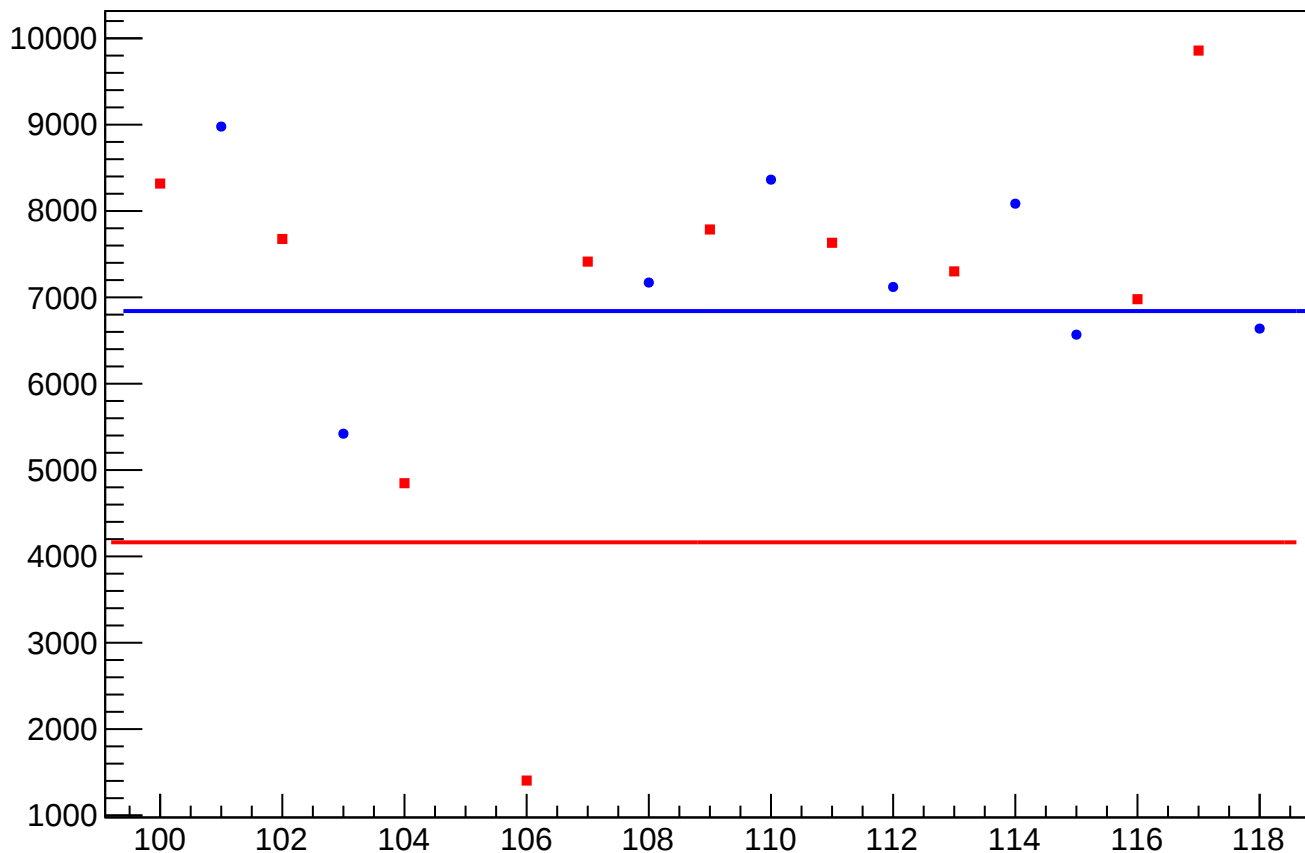
-4612.356+/-3941.293 χ^2/NDF : 6.0/7

Right Out: 4602.957+/-2792.627 χ^2/NDF : 12.7/9

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

4602.957+/-2792.627 χ^2/NDF : 12.7/9

asym_at2_avg_correction_rms vs Slug



Right In: 6841.292+/-2.787 χ^2/NDF : 176938.2/7

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

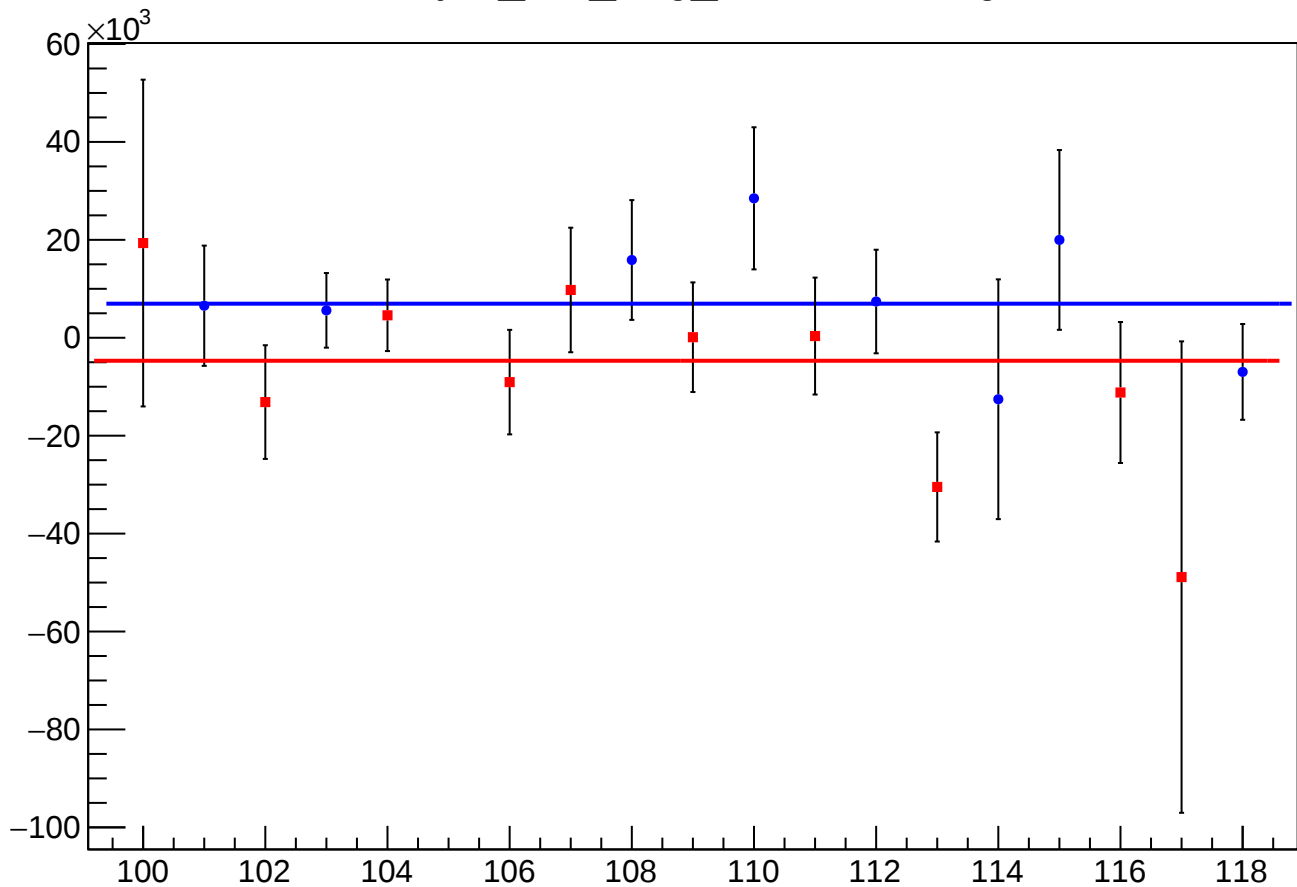
Right Out: 4163.161+/-1.975 χ^2/NDF : 2016984.4/9

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

6841.292+/-2.787 χ^2/NDF : 176938.2/7

4163.161+/-1.975 χ^2/NDF : 2016984.4/9

asym_at2_avg_mean vs Slug



Right In: 6959.793 $\pm$ 4106.311 χ^2 /NDF: 5.9/7

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

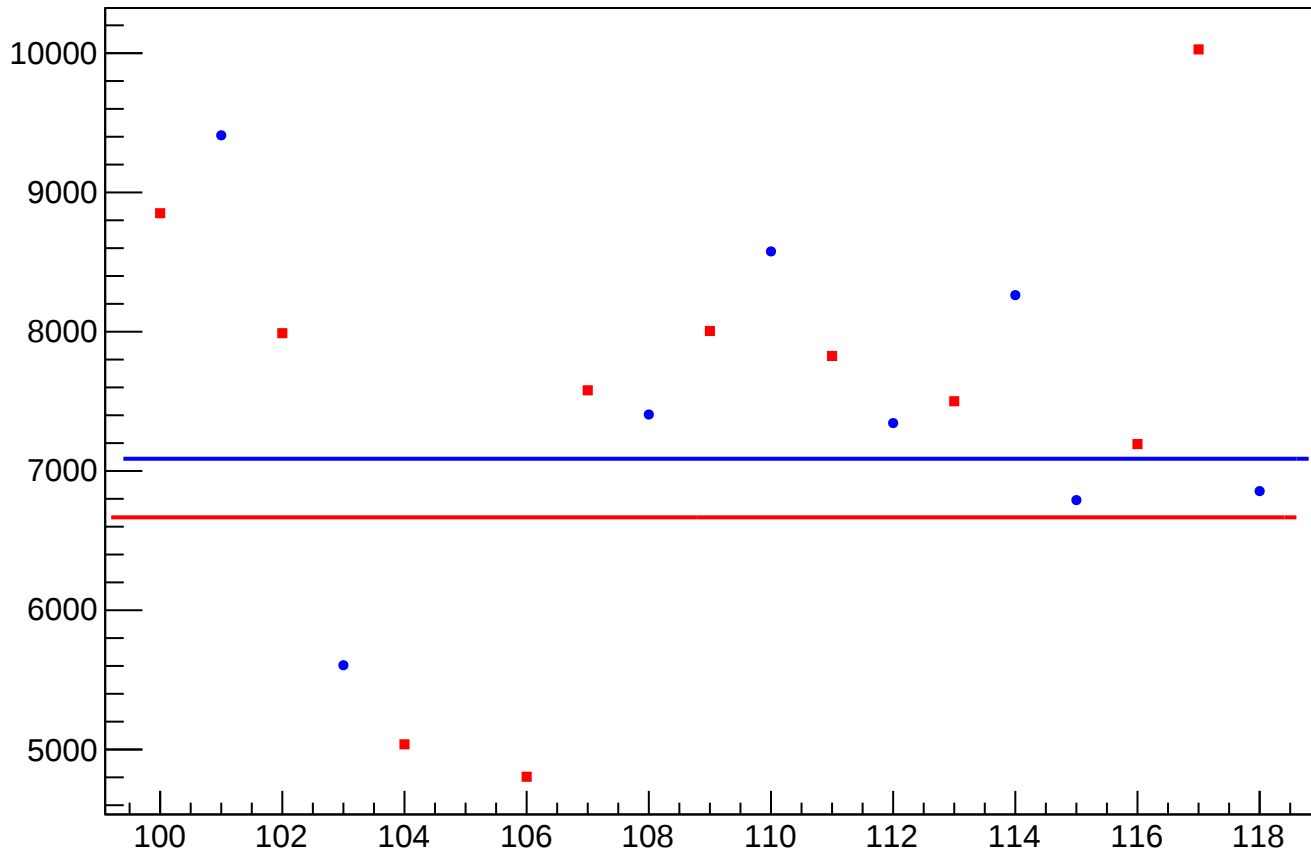
6959.793 $\pm$ 4106.311 χ^2 /NDF: 5.9/7

Right Out: -4698.249 $\pm$ 3771.870 χ^2 /NDF: 10.9/9

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

-4698.249 $\pm$ 3771.870 χ^2 /NDF: 10.9/9

asym_at2_avg_rms vs Slug



Right In: 7087.779 $\pm$ 2.903 χ^2 /NDF: 177055.7/7

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

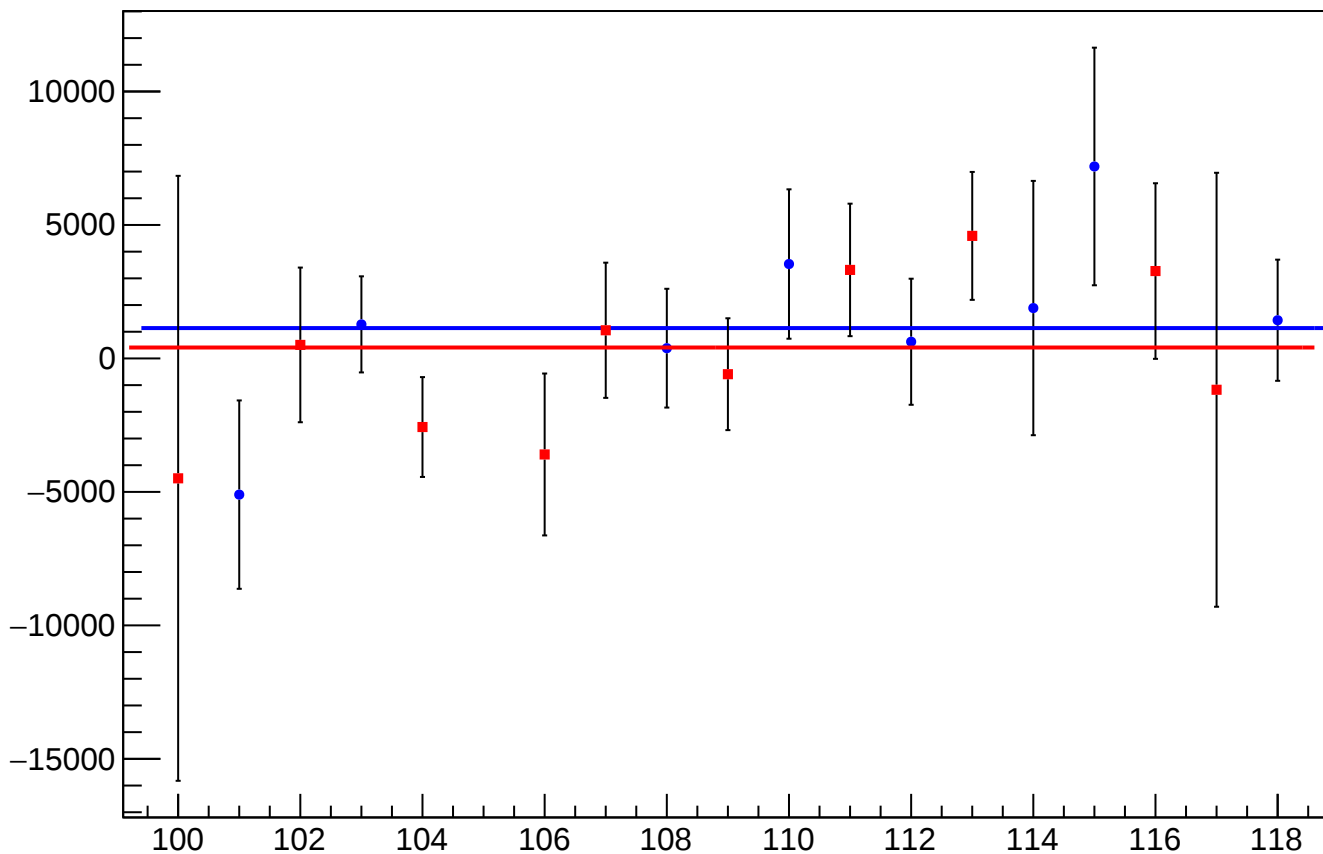
Right Out: 6666.934 $\pm$ 2.666 χ^2 /NDF: 276391.5/9

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

7087.779 $\pm$ 2.903 χ^2 /NDF: 177055.7/7

6666.934 $\pm$ 2.666 χ^2 /NDF: 276391.5/9

reg_asym_at2_dd_mean vs Slug



Right In: 1137.155+/-917.949 χ^2/NDF : 5.9/7

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

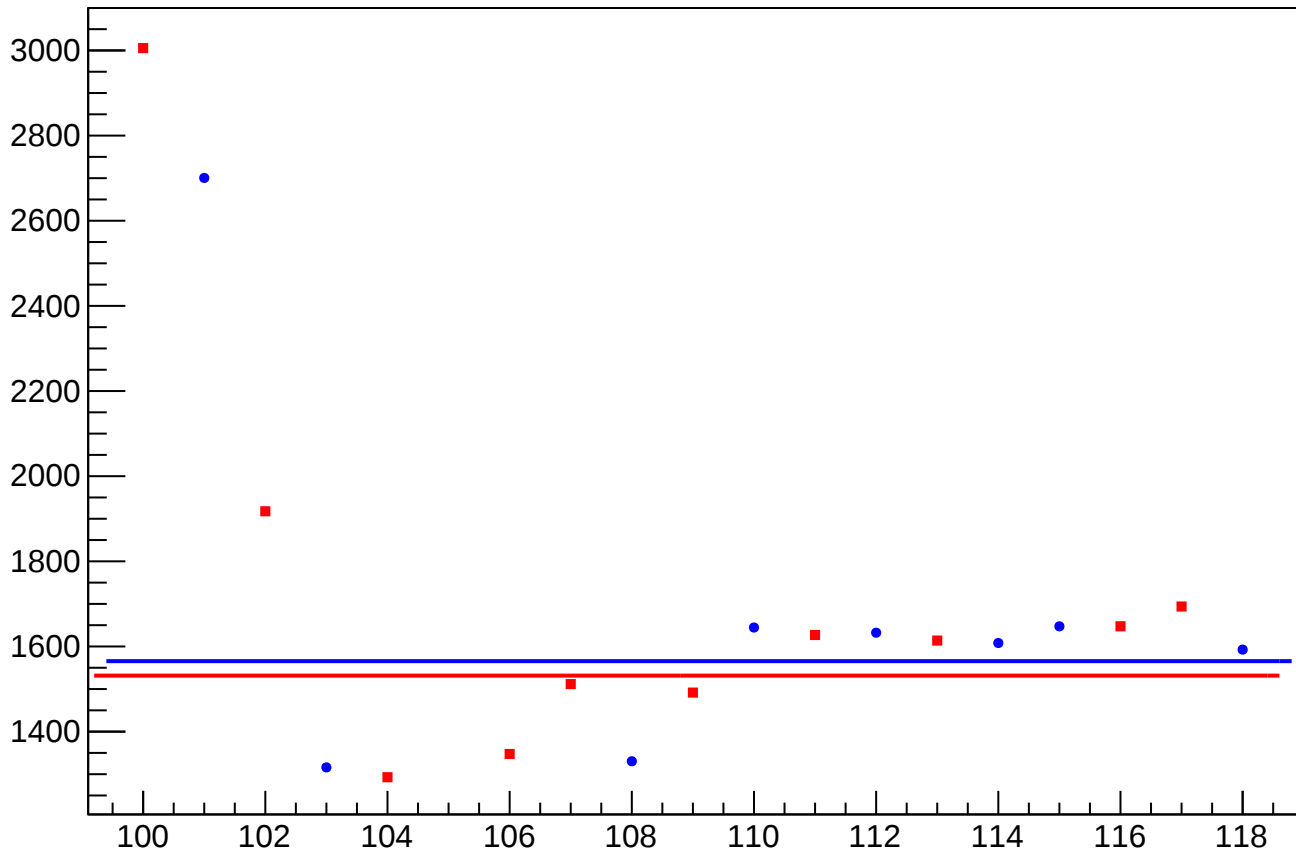
Right Out: 409.250+/-860.820 χ^2/NDF : 10.0/9

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

1137.155+/-917.949 χ^2/NDF : 5.9/7

409.250+/-860.820 χ^2/NDF : 10.0/9

reg_asym_at2_dd_rms vs Slug



Right In: 1565.517+/-0.649 χ^2/NDF : 272063.8/7

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

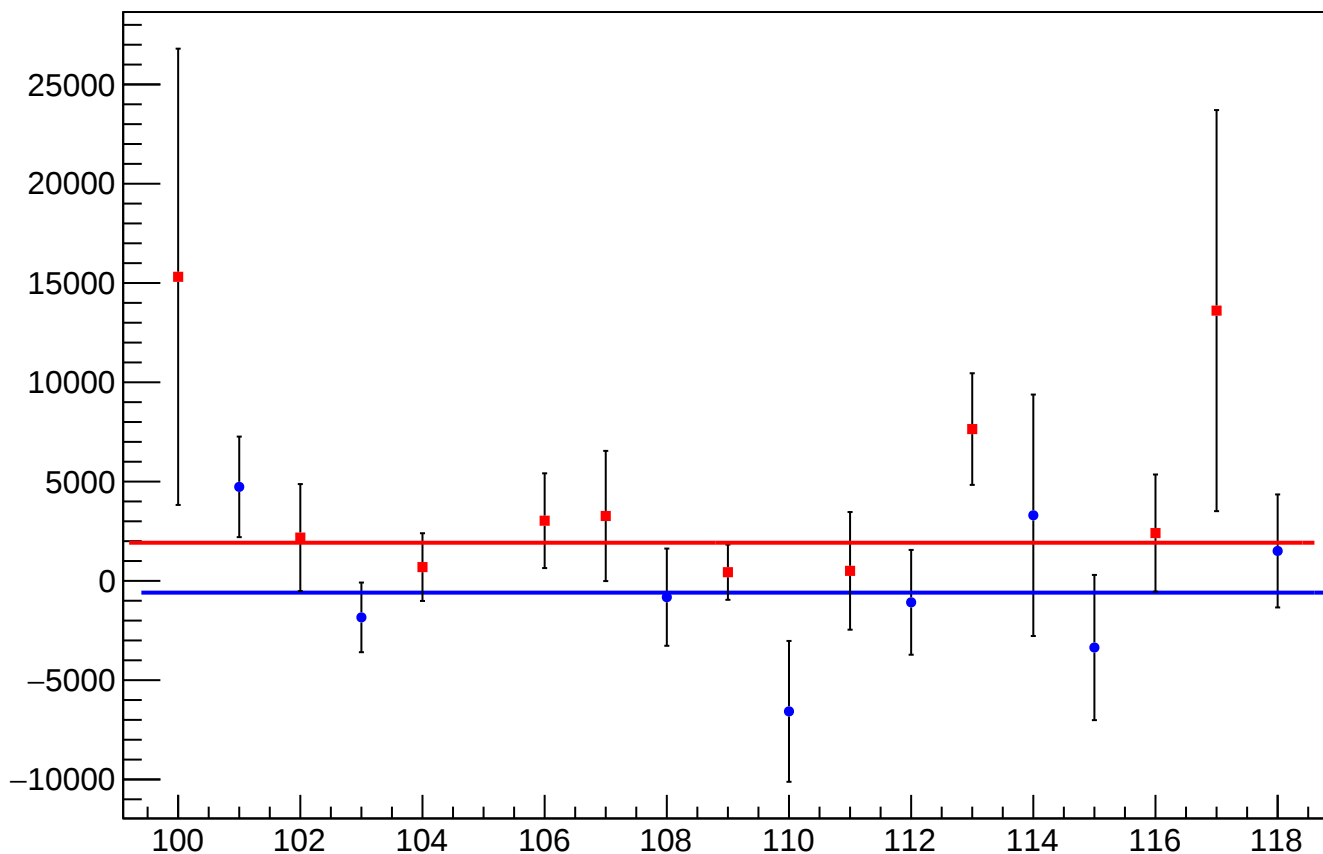
1565.517+/-0.649 χ^2/NDF : 272063.8/7

Right Out: 1531.541+/-0.609 χ^2/NDF : 118750.8/9

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

1531.541+/-0.609 χ^2/NDF : 118750.8/9

asym_at2_dd_correction_mean vs Slug



Right In: -591.816+/-955.044 χ^2/NDF : 9.3/7

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

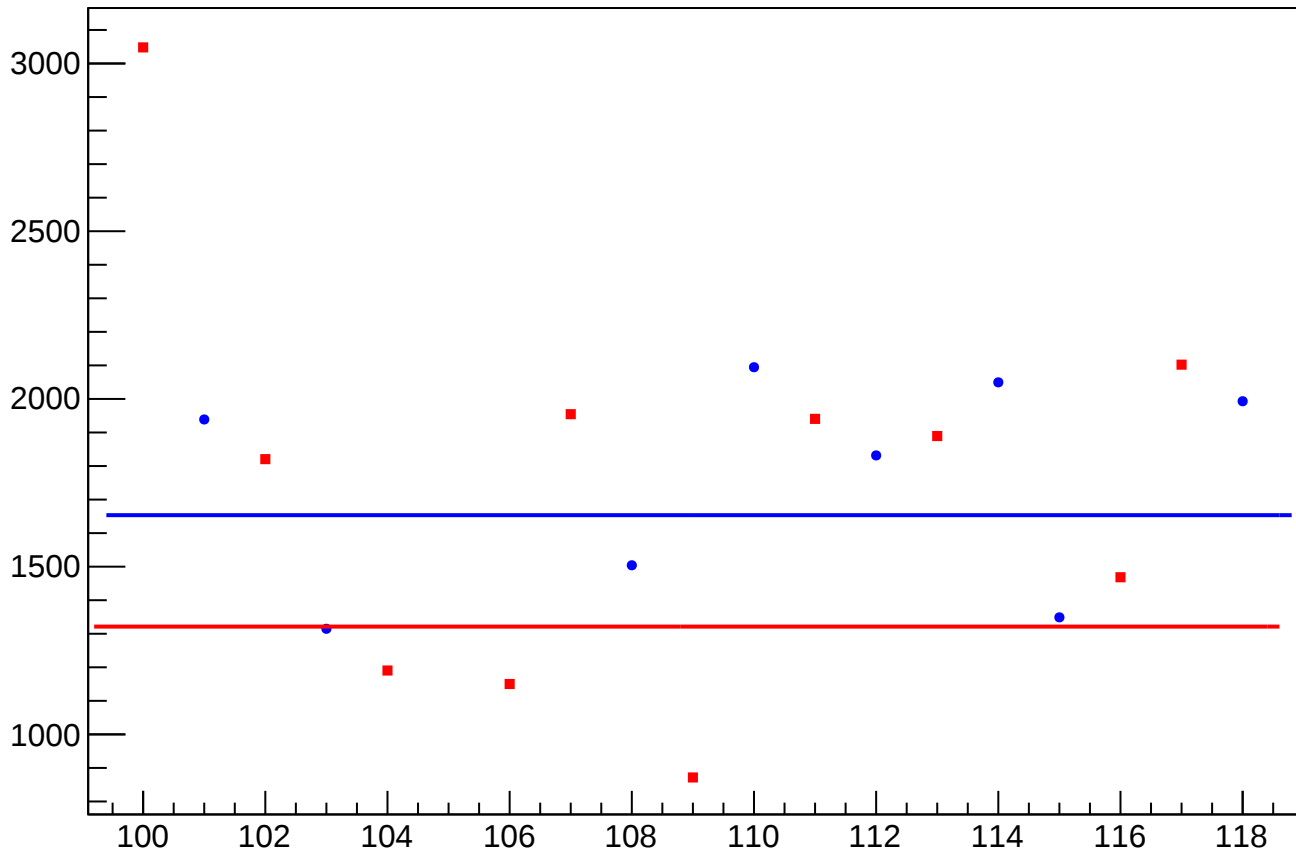
Right Out: 1921.897+/-780.742 χ^2/NDF : 9.2/9

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

-591.816+/-955.044 χ^2/NDF : 9.3/7

1921.897+/-780.742 χ^2/NDF : 9.2/9

asym_at2_dd_correction_rms vs Slug



Right In: 1653.527 $\pm$ 0.675 χ^2 /NDF: 198332.8/7

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

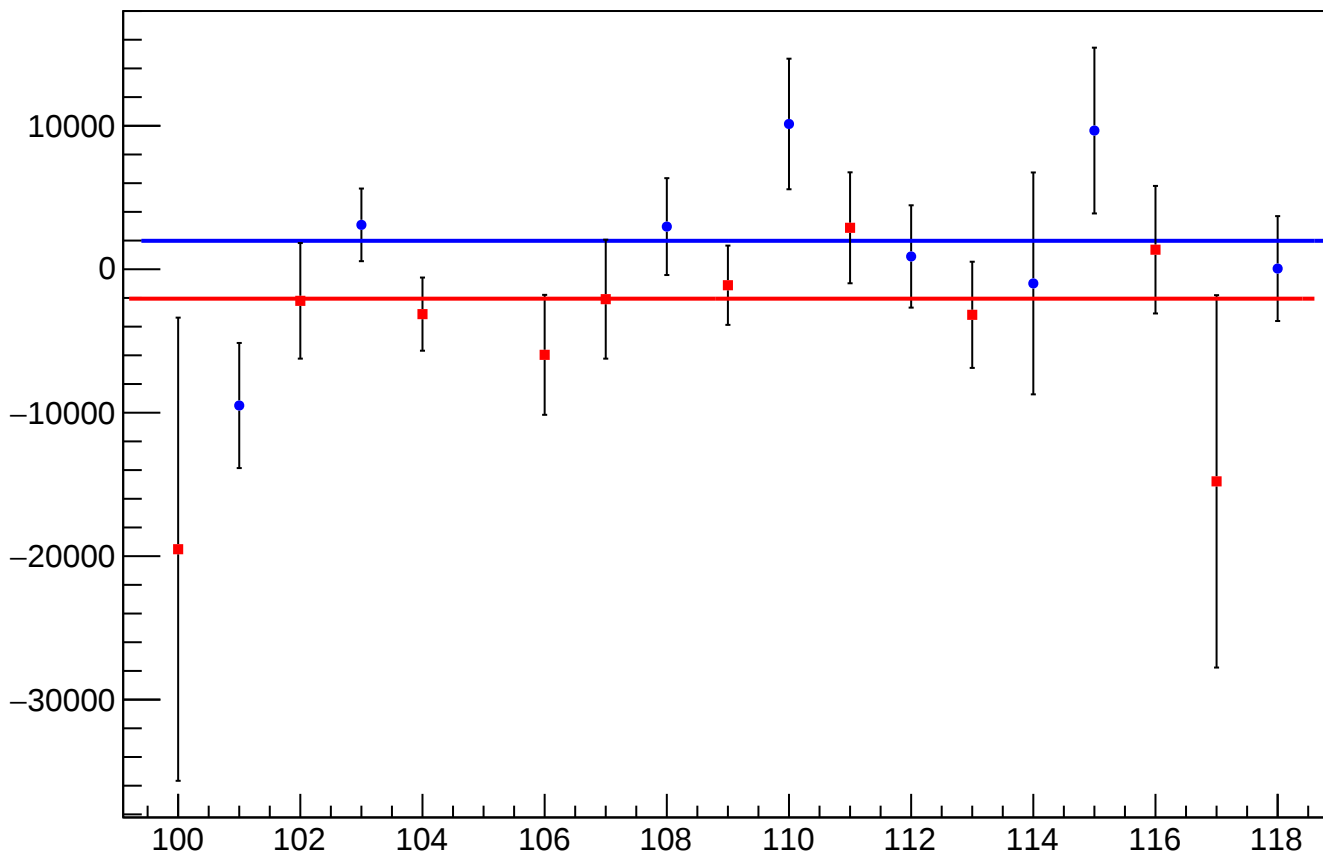
Right Out: 1321.349 $\pm$ 0.552 χ^2 /NDF: 605780.8/9

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

1653.527 $\pm$ 0.675 χ^2 /NDF: 198332.8/7

1321.349 $\pm$ 0.552 χ^2 /NDF: 605780.8/9

asym_at2_dd_mean vs Slug



Right In: 1982.871+/-1354.924 χ^2/NDF : 12.7/7

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

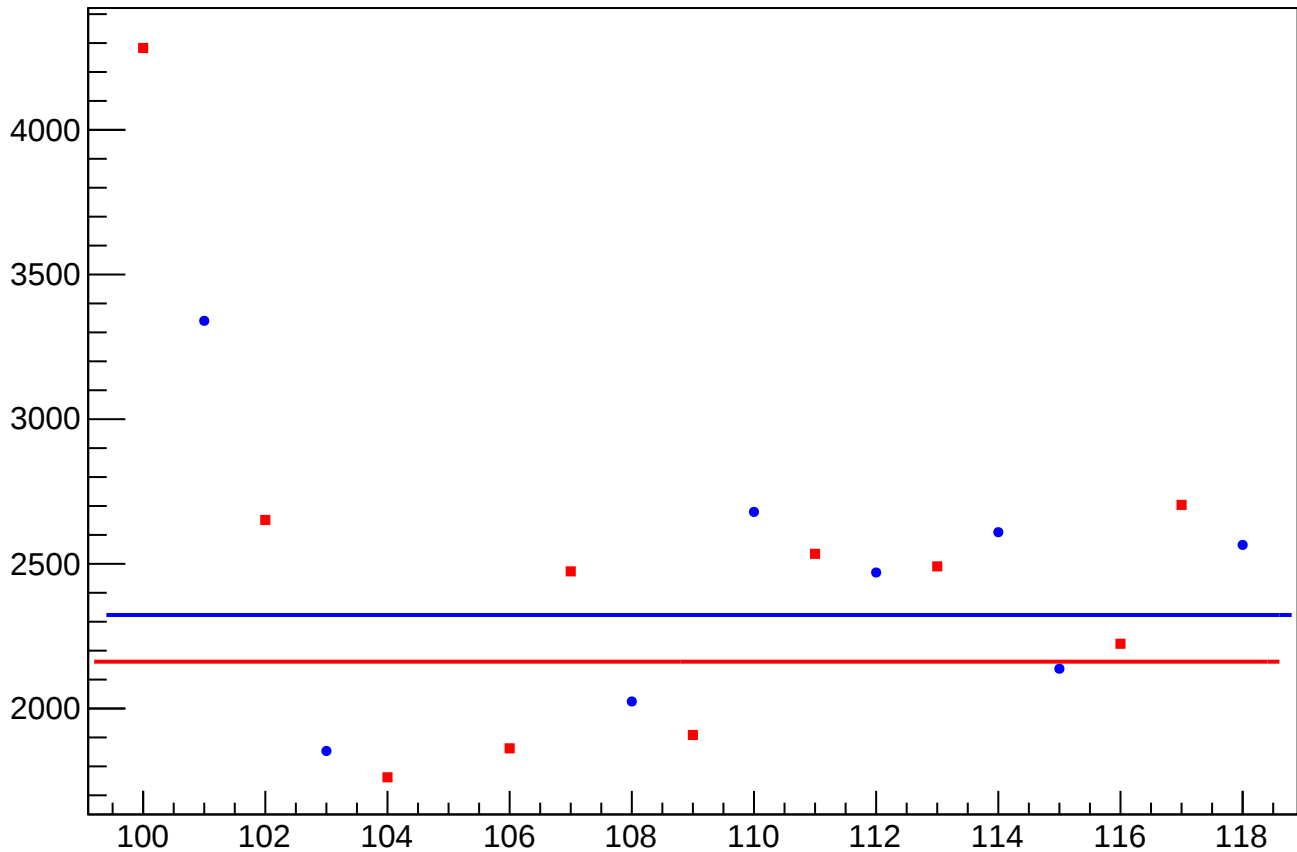
Right Out: -2050.456+/-1229.125 χ^2/NDF : 5.6/9

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

1982.871+/-1354.924 χ^2/NDF : 12.7/7

-2050.456+/-1229.125 χ^2/NDF : 5.6/9

asym_at2_dd_rms vs Slug



Right In: 2323.259 $\pm$ 0.958 χ^2 /NDF: 222560.3/7

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

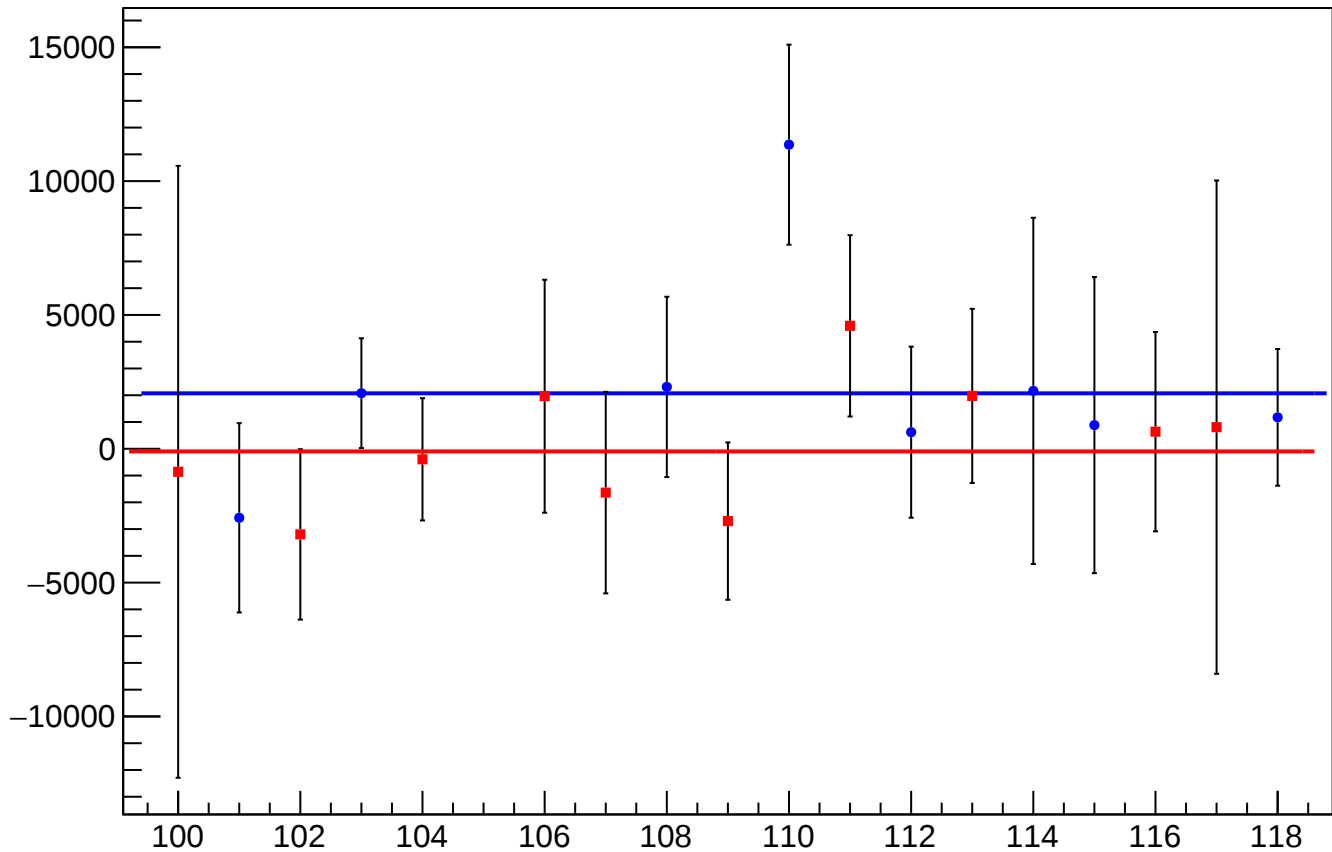
Right Out: 2161.923 $\pm$ 0.869 χ^2 /NDF: 189905.2/9

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

2323.259 $\pm$ 0.958 χ^2 /NDF: 222560.3/7

2161.923 $\pm$ 0.869 χ^2 /NDF: 189905.2/9

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2071.511+/-1128.503 χ^2/NDF : 8.3/7

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

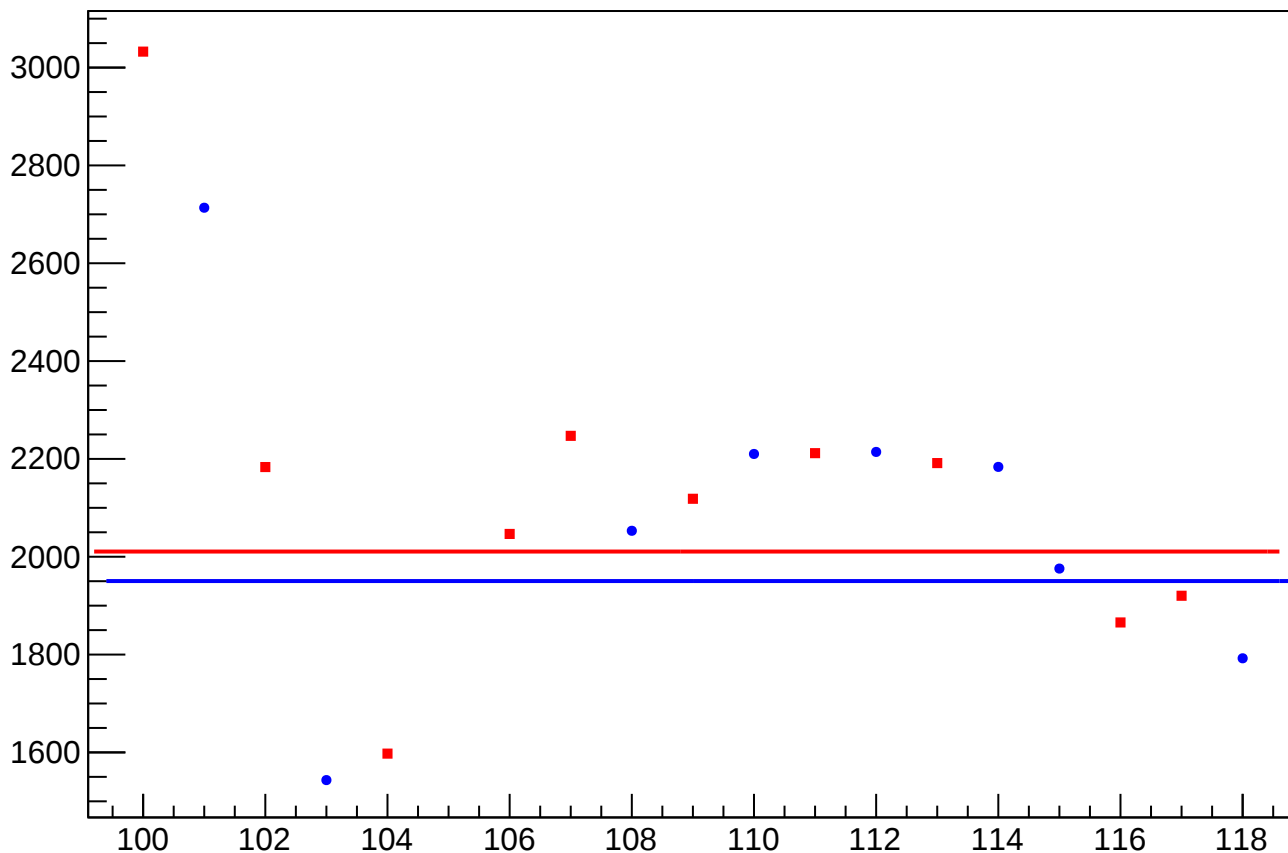
Right Out: -99.667+/-1116.094 χ^2/NDF : 4.5/9

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

2071.511+/-1128.503 χ^2/NDF : 8.3/7

-99.667+/-1116.094 χ^2/NDF : 4.5/9

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1950.305+/-0.798 χ^2/NDF : 207332.3/7

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

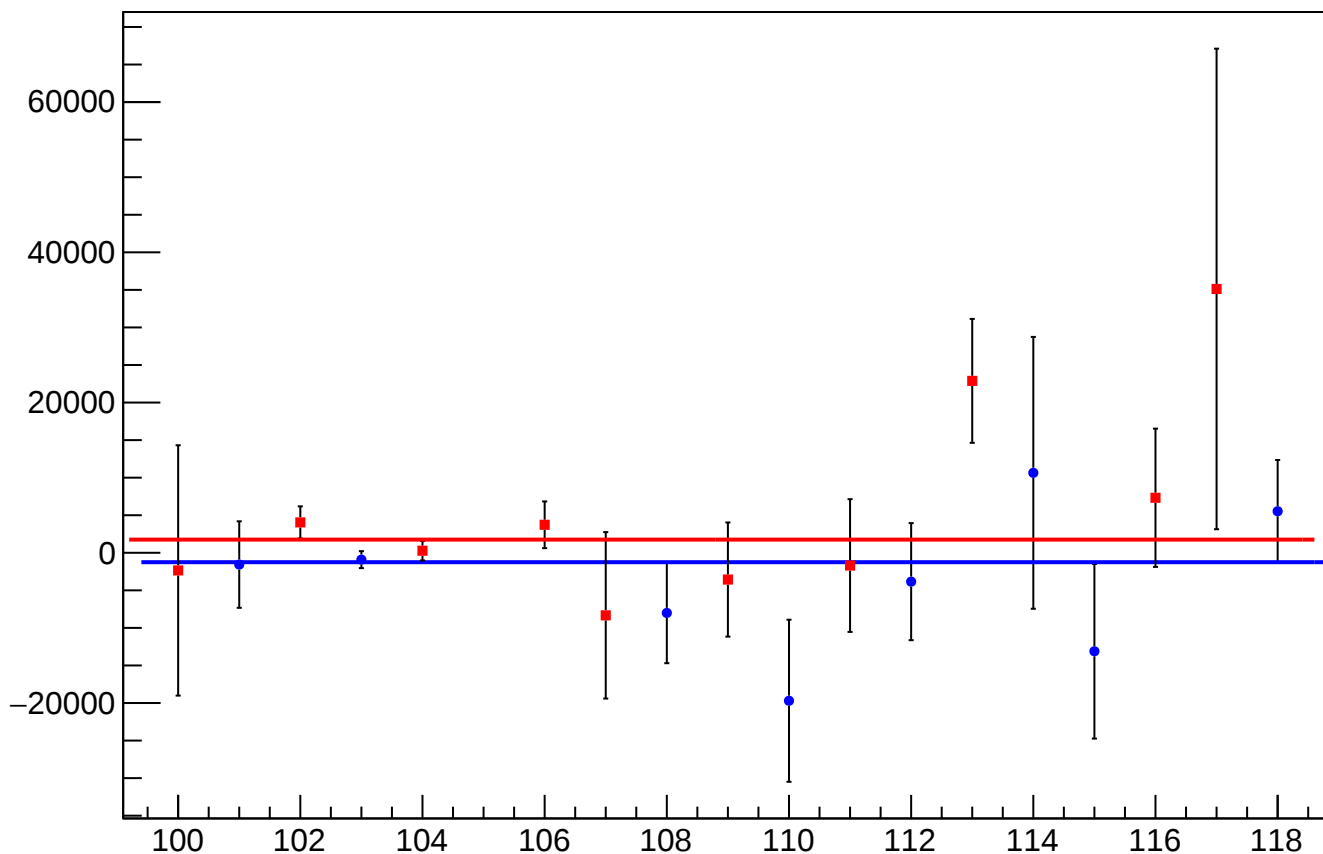
Right Out: 2010.618+/-0.786 χ^2/NDF : 114551.2/9

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

1950.305+/-0.798 χ^2/NDF : 207332.3/7

2010.618+/-0.786 χ^2/NDF : 114551.2/9

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1253.251+/-1057.505 χ^2/NDF : 6.6/7

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

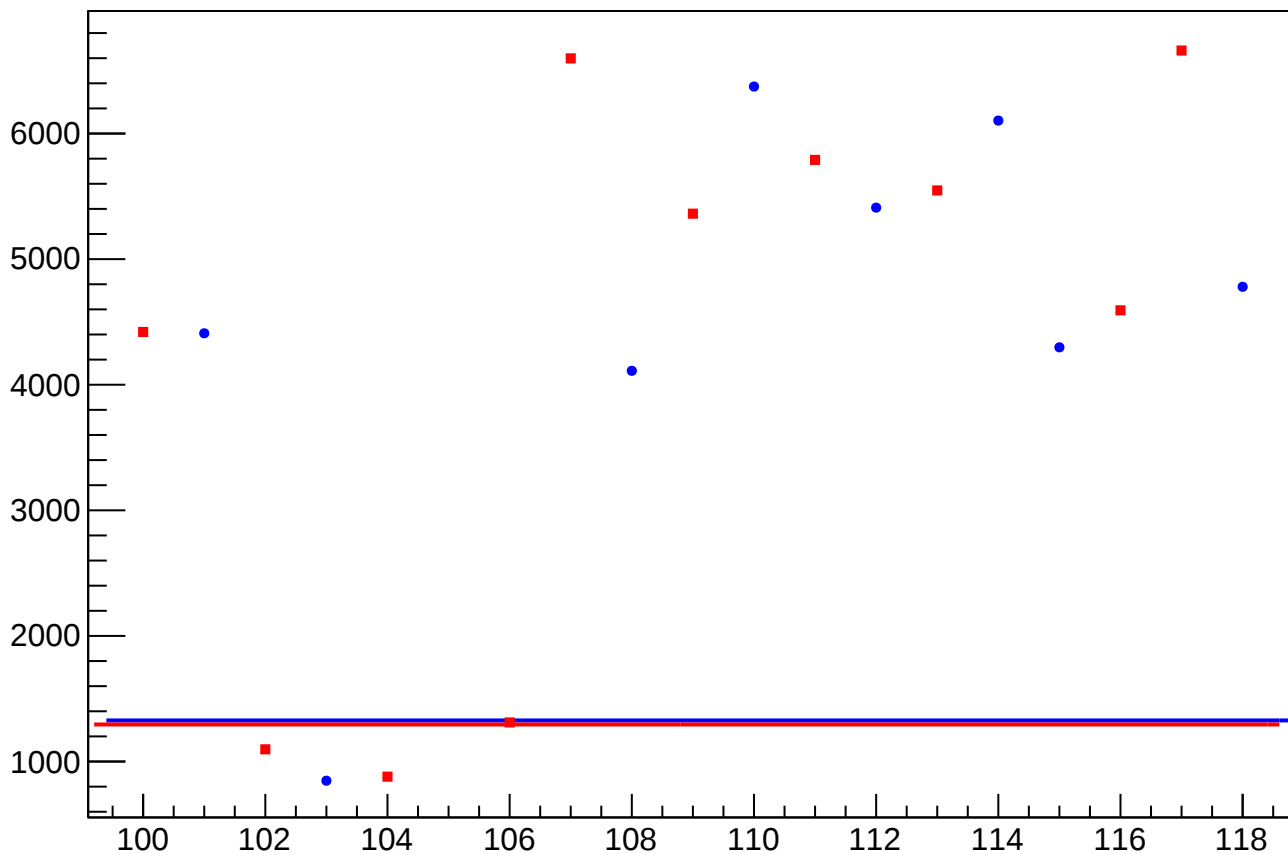
Right Out: 1753.832+/-1006.387 χ^2/NDF : 12.4/9

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

-1253.251+/-1057.505 χ^2/NDF : 6.6/7

1753.832+/-1006.387 χ^2/NDF : 12.4/9

asym_atl1r2_avg_correction_rms vs Slug



Right In: 1327.128+/-0.748 χ^2/NDF : 3049723.4/7

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

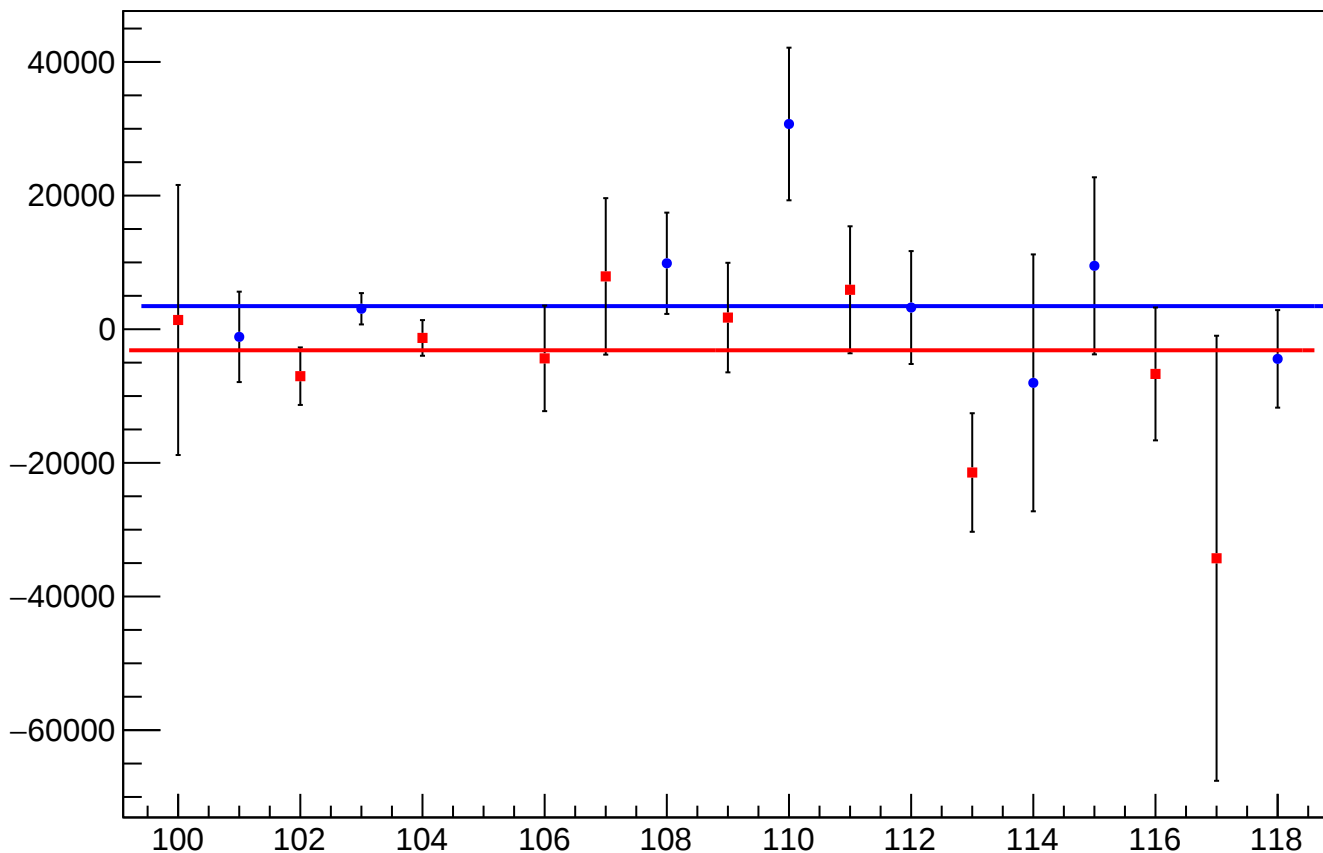
1327.128+/-0.748 χ^2/NDF : 3049723.4/7

Right Out: 1294.891+/-0.712 χ^2/NDF : 2686596.2/9

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

1294.891+/-0.712 χ^2/NDF : 2686596.2/9

asym_atl1r2_avg_mean vs Slug



Right In: 3459.458+/-1924.650 χ^2/NDF : 8.6/7

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

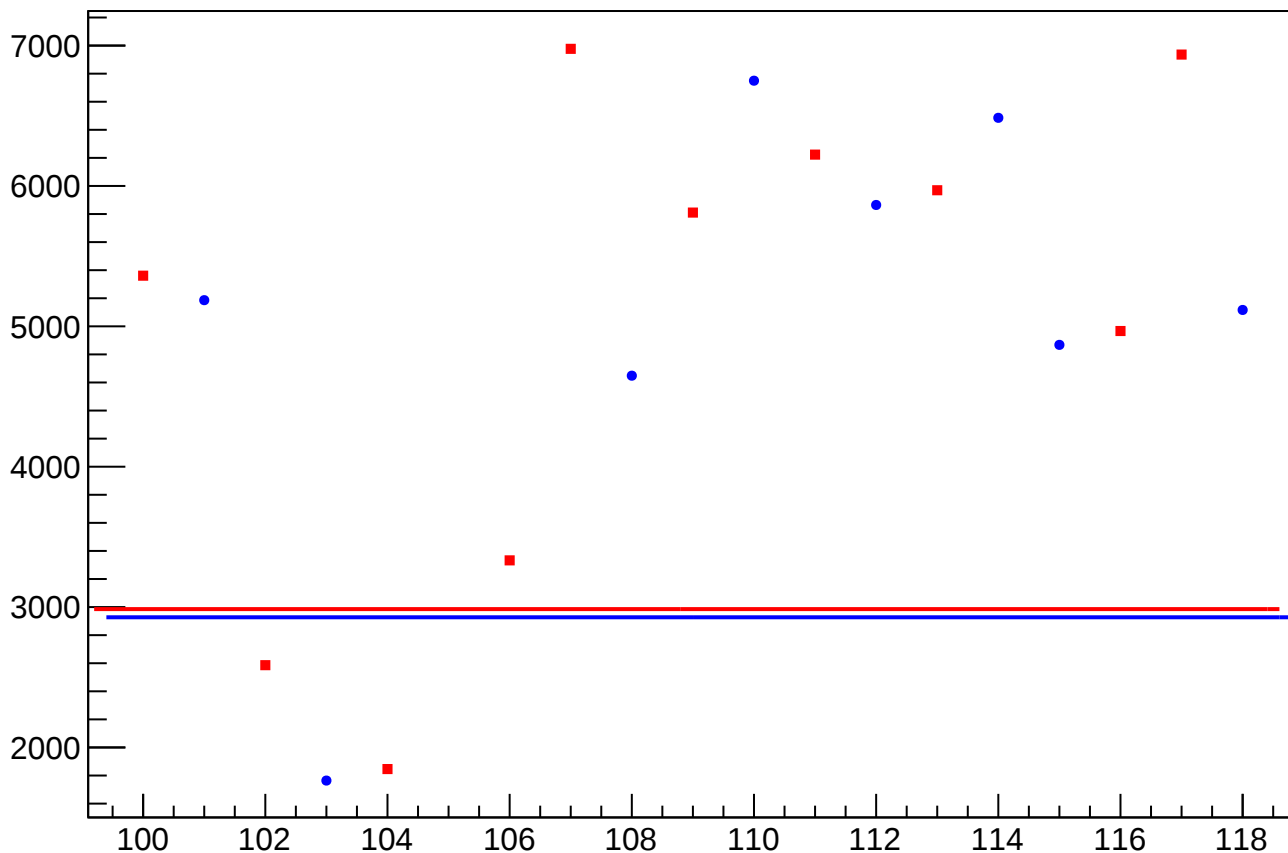
Right Out: -3150.864+/-1924.715 χ^2/NDF : 8.8/9

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

3459.458+/-1924.650 χ^2/NDF : 8.6/7

-3150.864+/-1924.715 χ^2/NDF : 8.8/9

asym_atl1r2_avg_rms vs Slug



Right In: 2927.297+/-1.361 χ^2 /NDF: 1575320.7/7

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

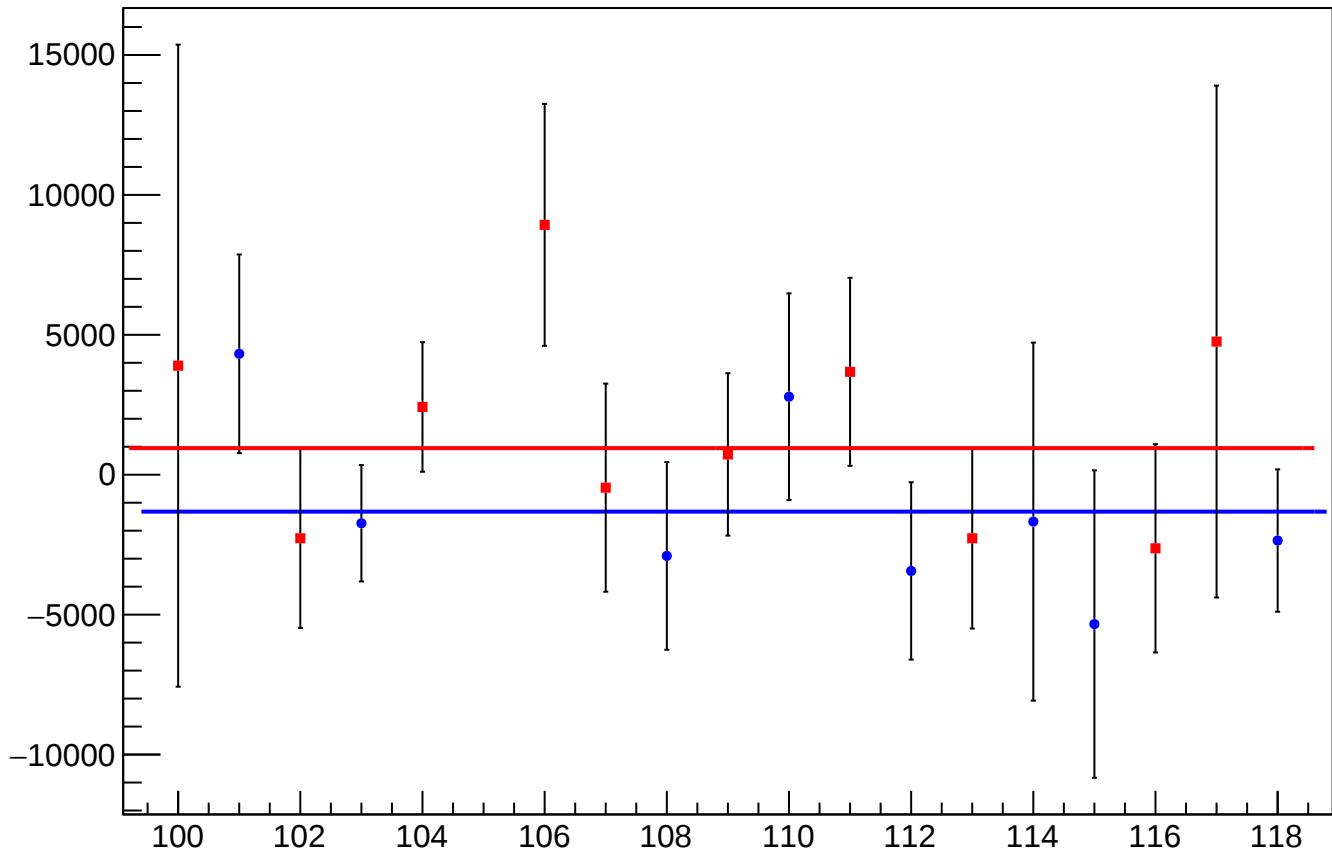
Right Out: 2985.631+/-1.348 χ^2 /NDF: 1450586.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

2927.297+/-1.361 χ^2 /NDF: 1575320.7/7

2985.631+/-1.348 χ^2 /NDF: 1450586.6/9

reg_asym_atl1r2_dd_mean vs Slug



Right In: -1318.940 $\pm$ 1128.861 χ^2 /NDF: 5.2/7

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

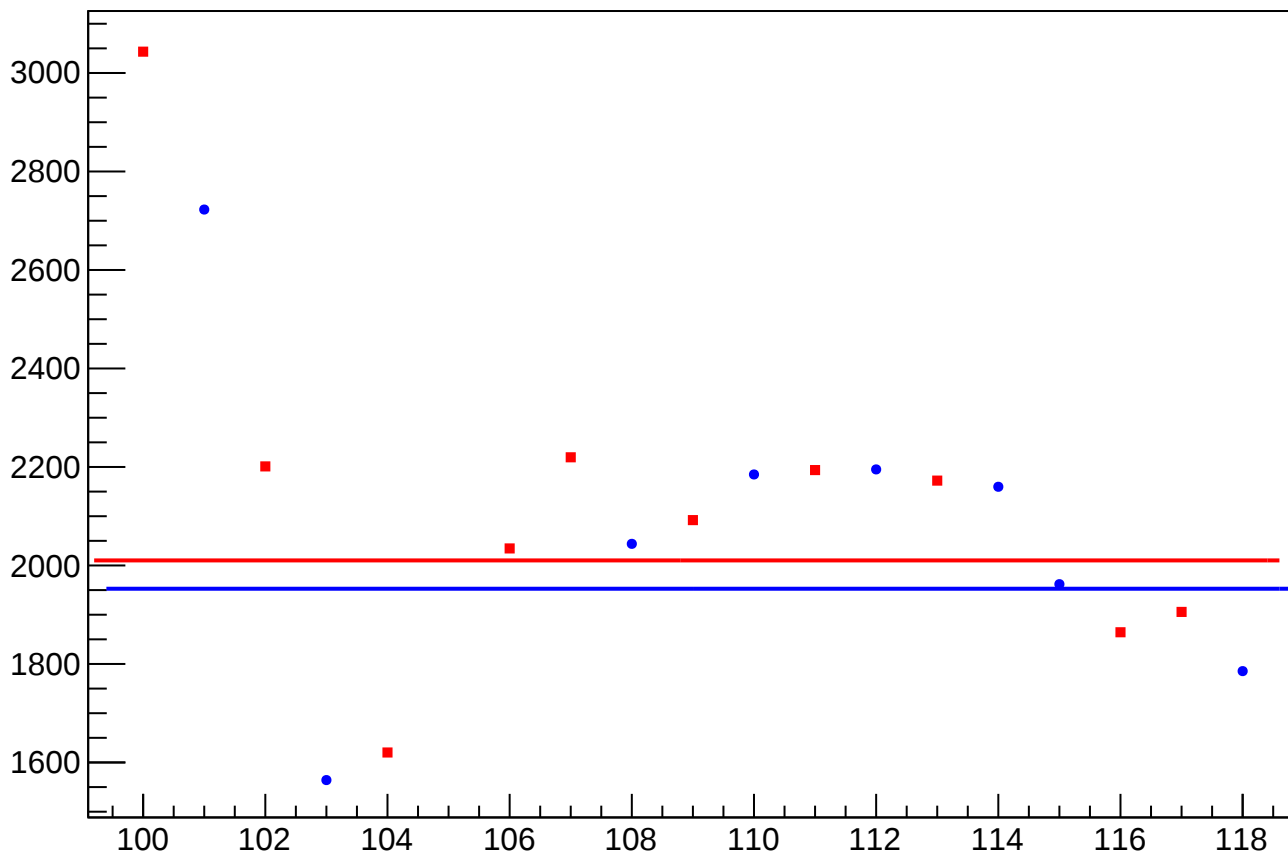
Right Out: 951.224 $\pm$ 1114.532 χ^2 /NDF: 7.8/9

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

-1318.940 $\pm$ 1128.861 χ^2 /NDF: 5.2/7

951.224 $\pm$ 1114.532 χ^2 /NDF: 7.8/9

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1952.746+/-0.798 χ^2/NDF : 195850.7/7

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

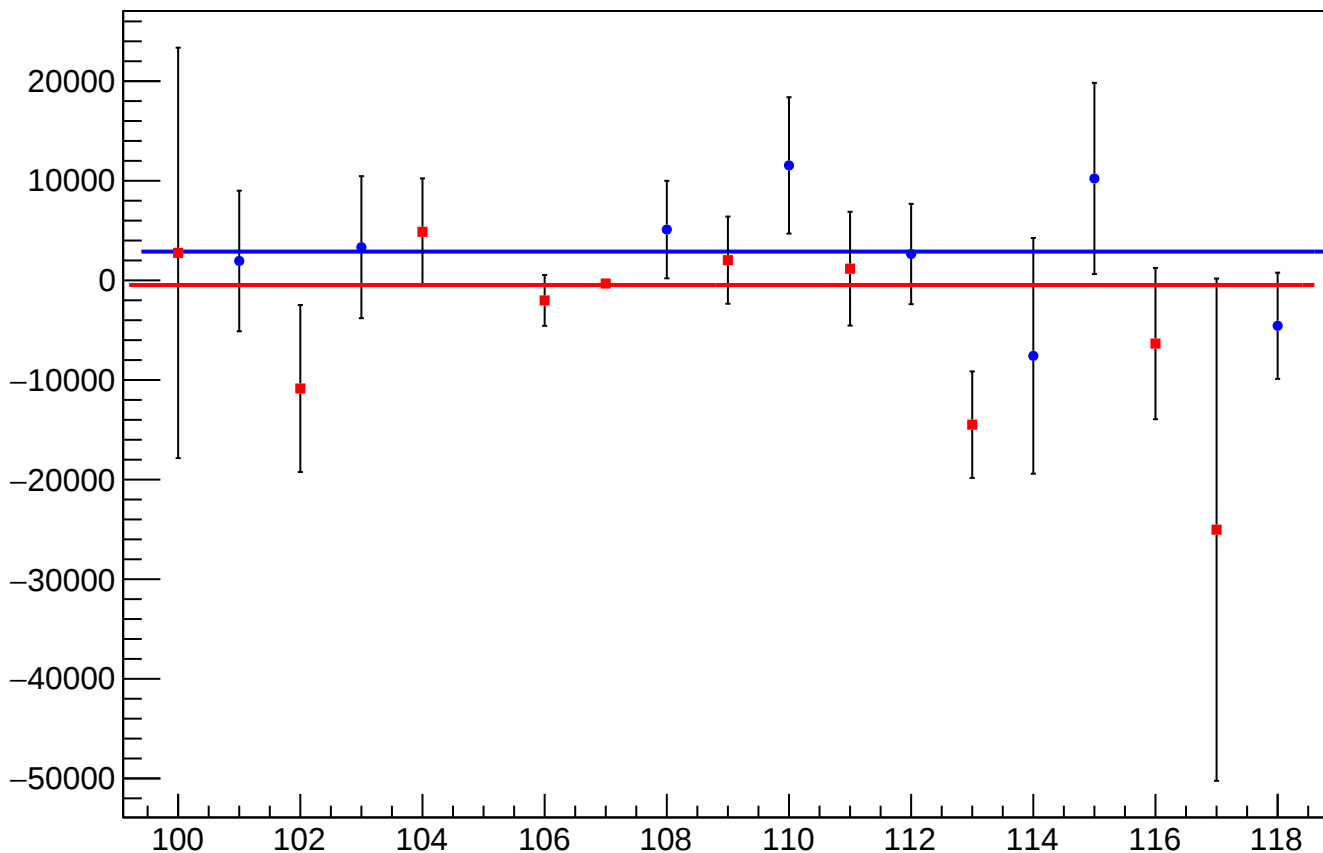
Right Out: 2010.258+/-0.785 χ^2/NDF : 102444.2/9

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

1952.746+/-0.798 χ^2/NDF : 195850.7/7

2010.258+/-0.785 χ^2/NDF : 102444.2/9

asym_atl1r2_dd_correction_mean vs Slug



Right In: 2891.526 $\pm$ 2261.787 χ^2 /NDF: 5.1/7

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

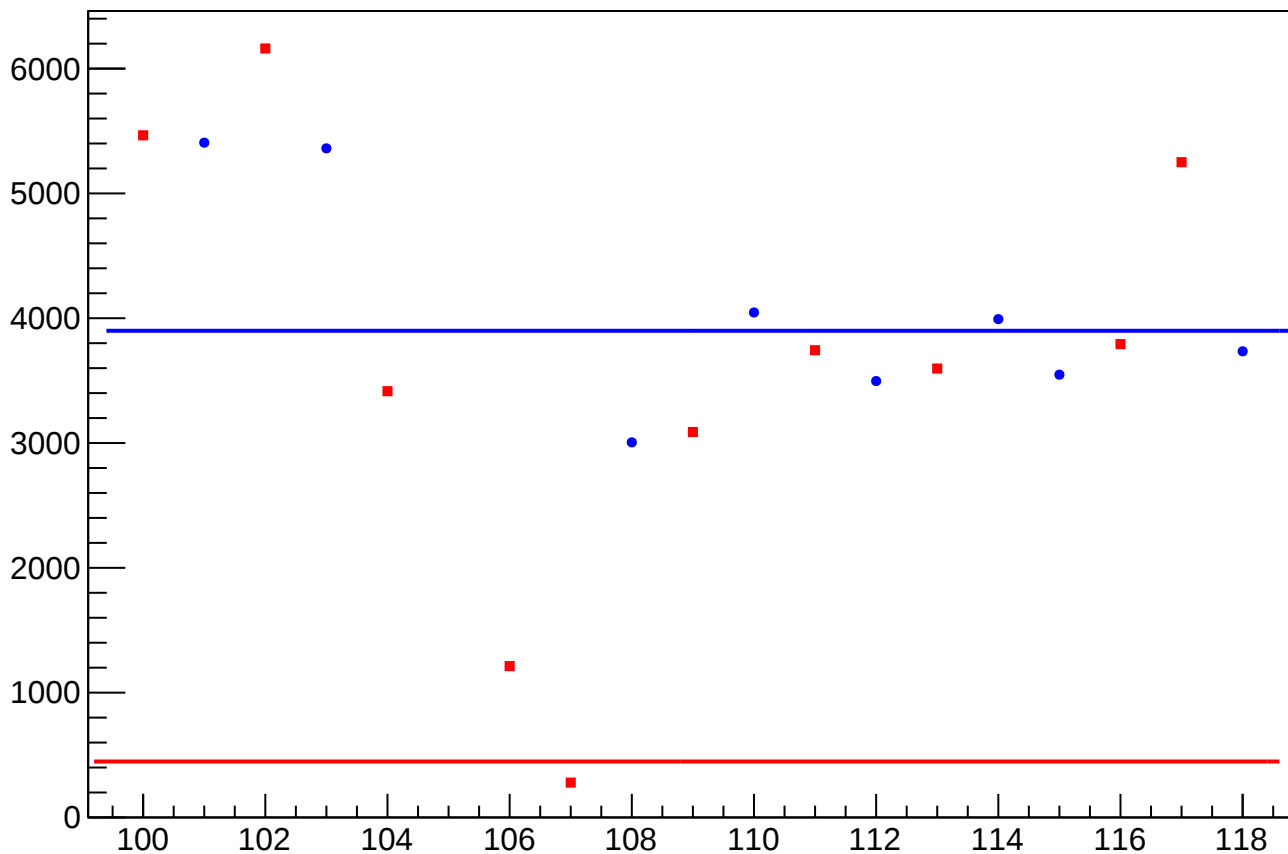
Right Out: -464.467 $\pm$ 463.736 χ^2 /NDF: 11.9/9

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

2891.526 $\pm$ 2261.787 χ^2 /NDF: 5.1/7

-464.467 $\pm$ 463.736 χ^2 /NDF: 11.9/9

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3899.424+/-1.599 χ^2/NDF : 260432.6/7

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

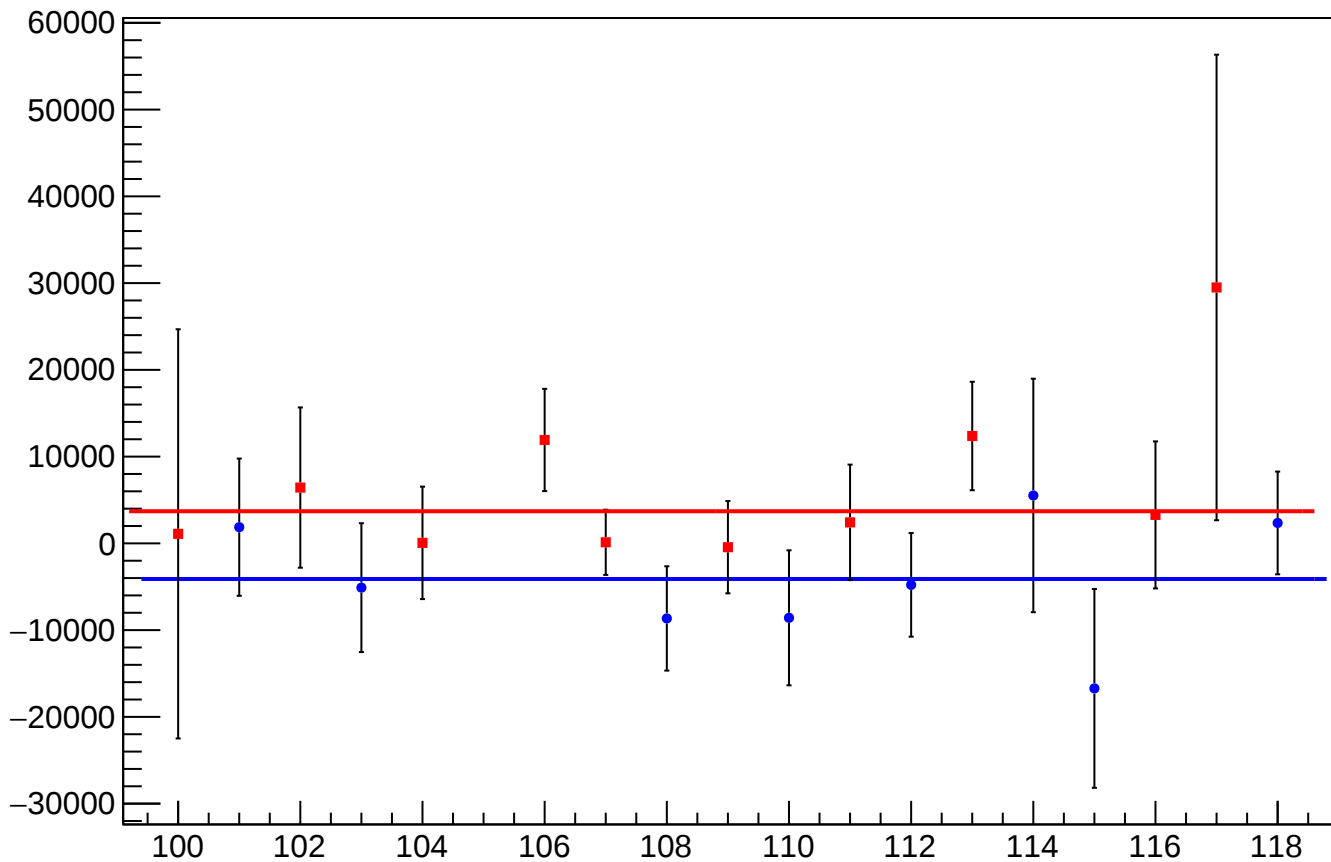
Right Out: 448.251+/-0.328 χ^2/NDF : 4633309.0/9

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

3899.424+/-1.599 χ^2/NDF : 260432.6/7

448.251+/-0.328 χ^2/NDF : 4633309.0/9

asym_atl1r2_dd_mean vs Slug



Right In: -4105.538 $\pm$ 2599.654 χ^2 /NDF: 4.4/7

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

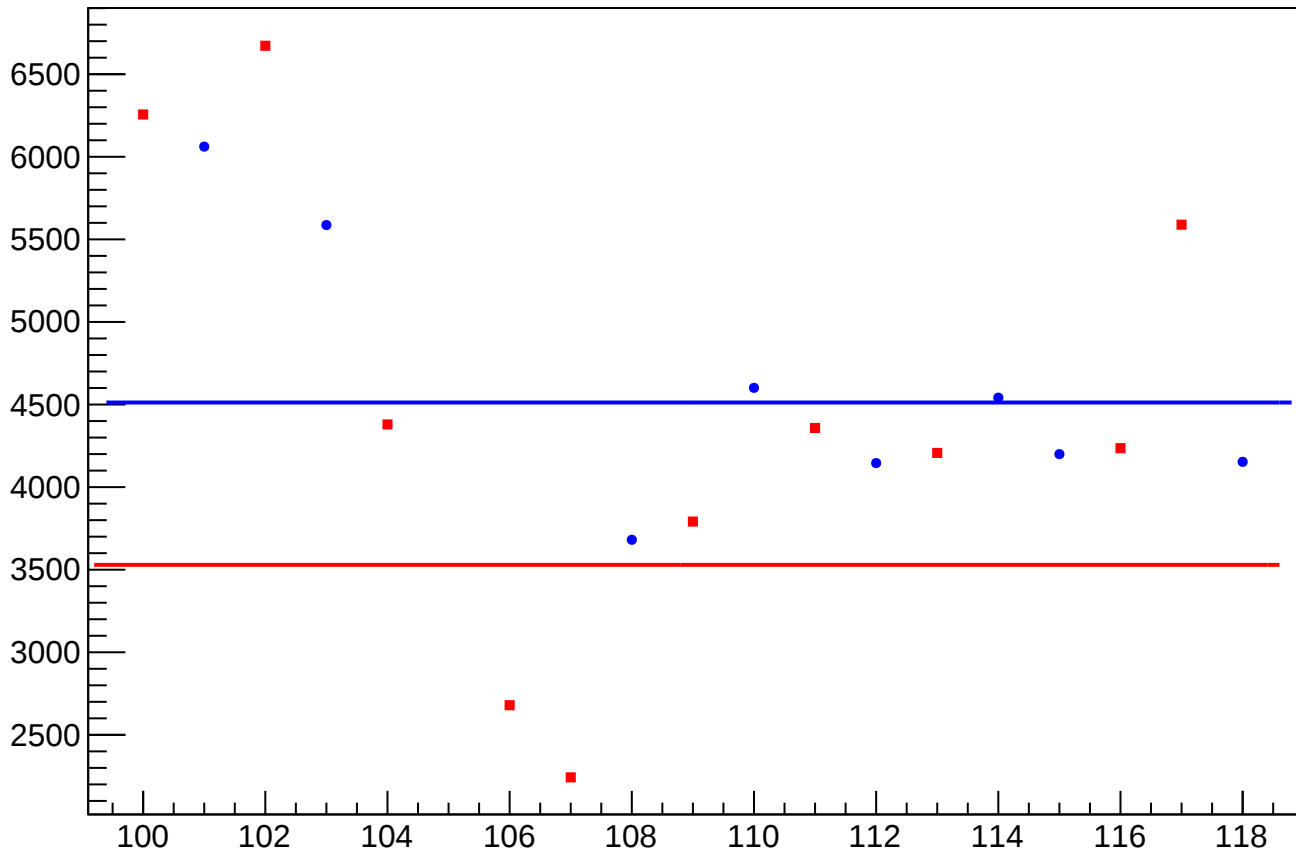
Right Out: 3702.203 $\pm$ 2059.462 χ^2 /NDF: 6.8/9

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

-4105.538 $\pm$ 2599.654 χ^2 /NDF: 4.4/7

3702.203 $\pm$ 2059.462 χ^2 /NDF: 6.8/9

asym_atl1r2_dd_rms vs Slug



Right In: 4512.185 $\pm$ 1.838 χ^2 /NDF: 173466.6/7

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

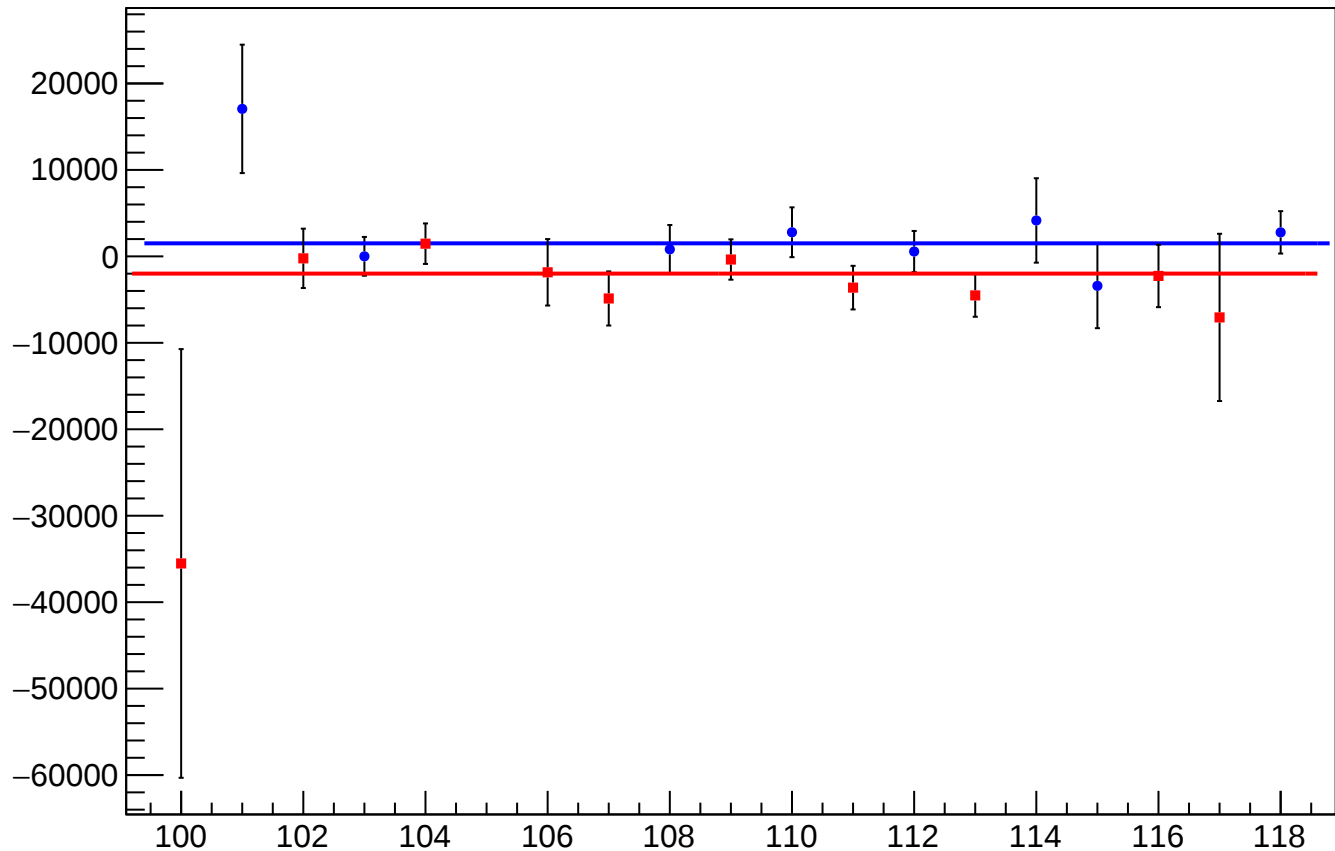
Right Out: 3529.286 $\pm$ 1.440 χ^2 /NDF: 661277.5/9

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

4512.185 $\pm$ 1.838 χ^2 /NDF: 173466.6/7

3529.286 $\pm$ 1.440 χ^2 /NDF: 661277.5/9

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1507.380+/-1059.685 χ^2/NDF : 6.8/7

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

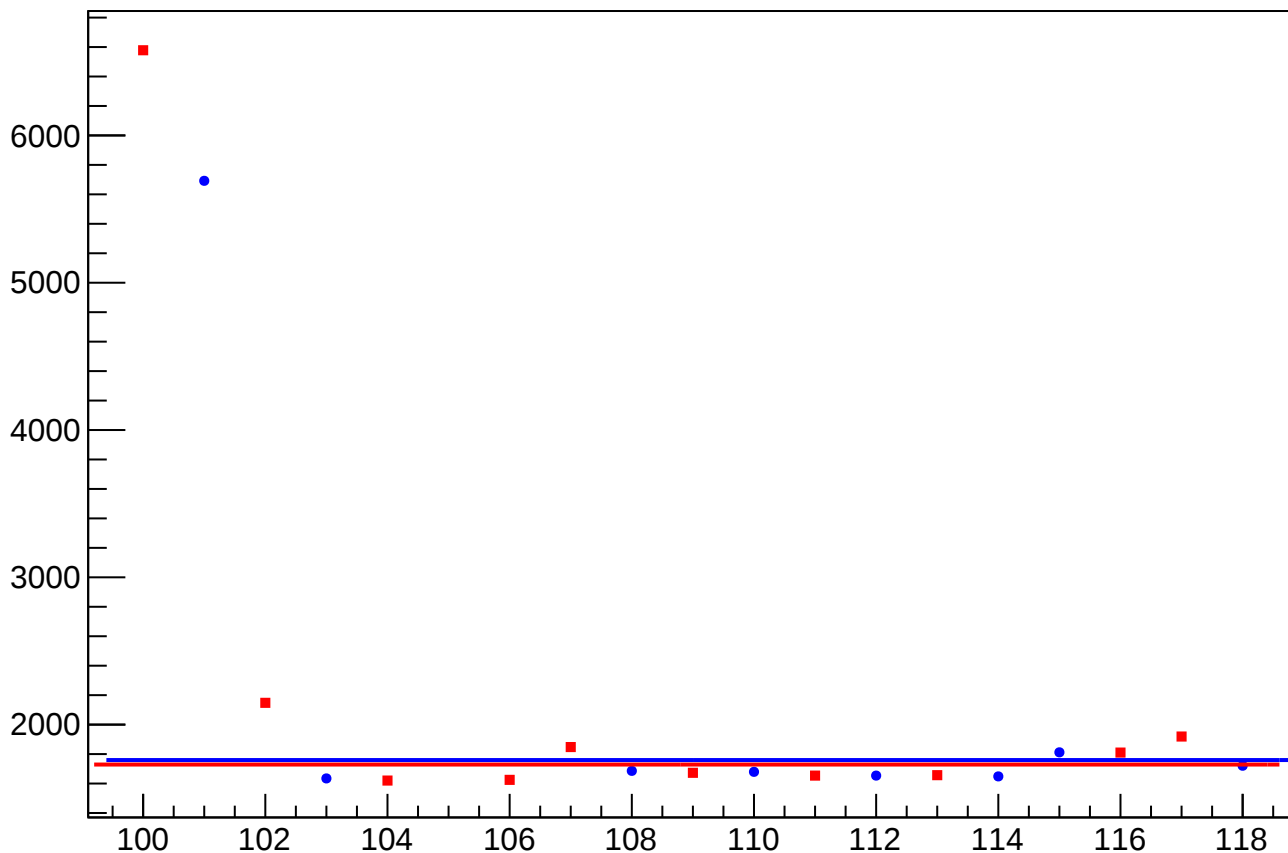
Right Out: -1993.281+/-985.251 χ^2/NDF : 7.3/9

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

1507.380+/-1059.685 χ^2/NDF : 6.8/7

-1993.281+/-985.251 χ^2/NDF : 7.3/9

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1759.454+/-0.749 χ^2/NDF : 575371.2/7

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

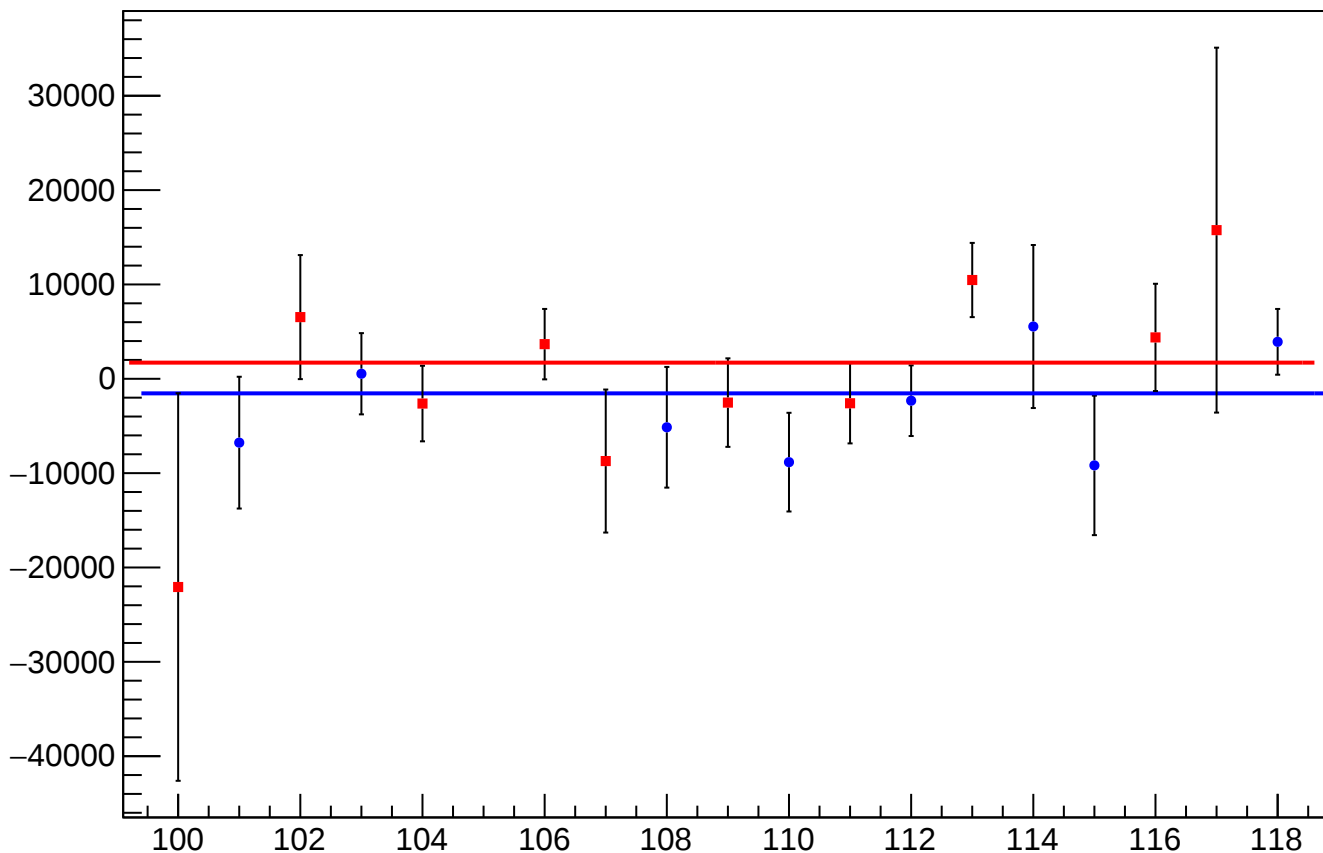
Right Out: 1728.916+/-0.687 χ^2/NDF : 121999.4/9

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

1759.454+/-0.749 χ^2/NDF : 575371.2/7

1728.916+/-0.687 χ^2/NDF : 121999.4/9

asym_atr1l2_avg_correction_mean vs Slug



Right In: -1543.802+/-1765.563 χ^2 /NDF: 7.3/7

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

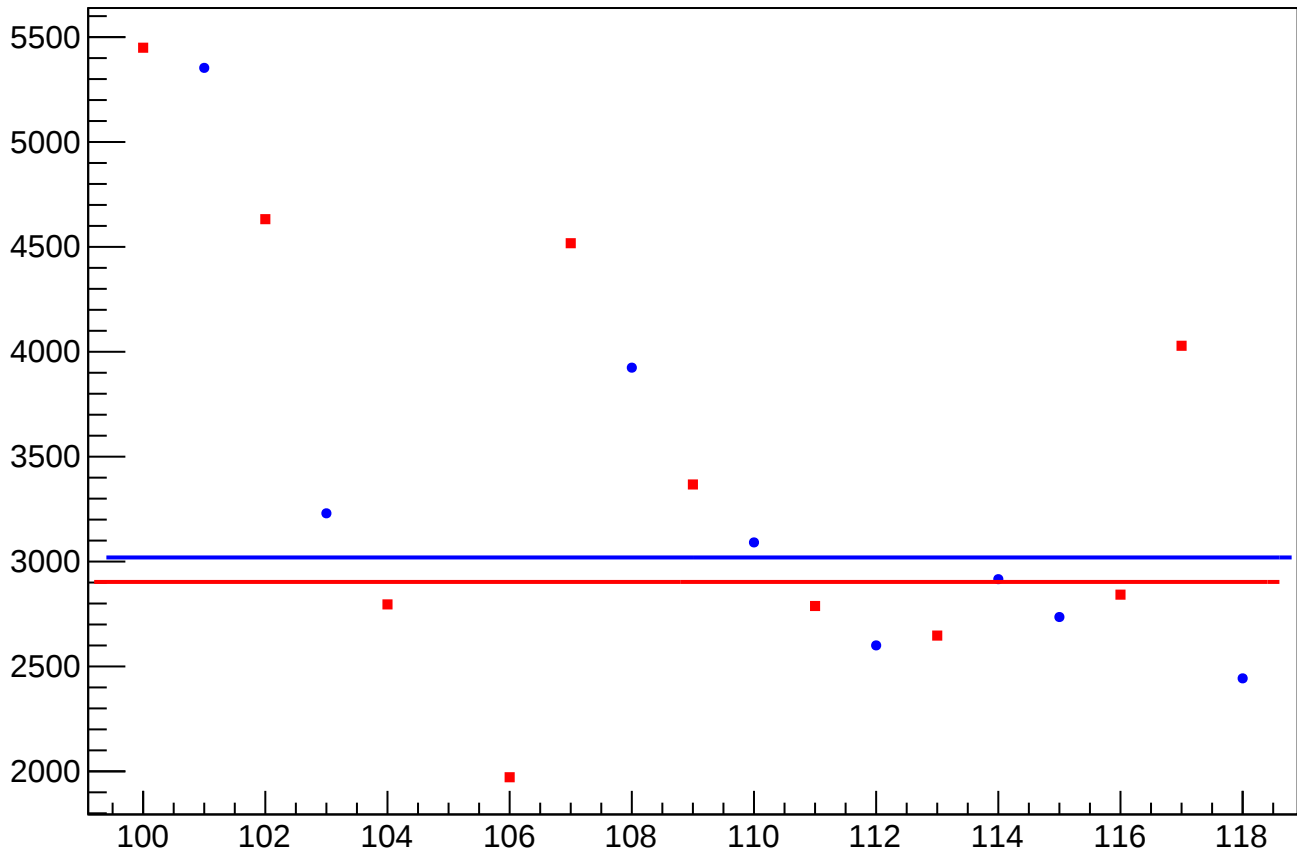
Right Out: 1713.016+/-1630.957 χ^2 /NDF: 12.8/9

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

-1543.802+/-1765.563 χ^2 /NDF: 7.3/7

1713.016+/-1630.957 χ^2 /NDF: 12.8/9

asym_atr1l2_avg_correction_rms vs Slug



Right In: 3019.566+/-1.248 χ^2/NDF : 351456.1/7

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

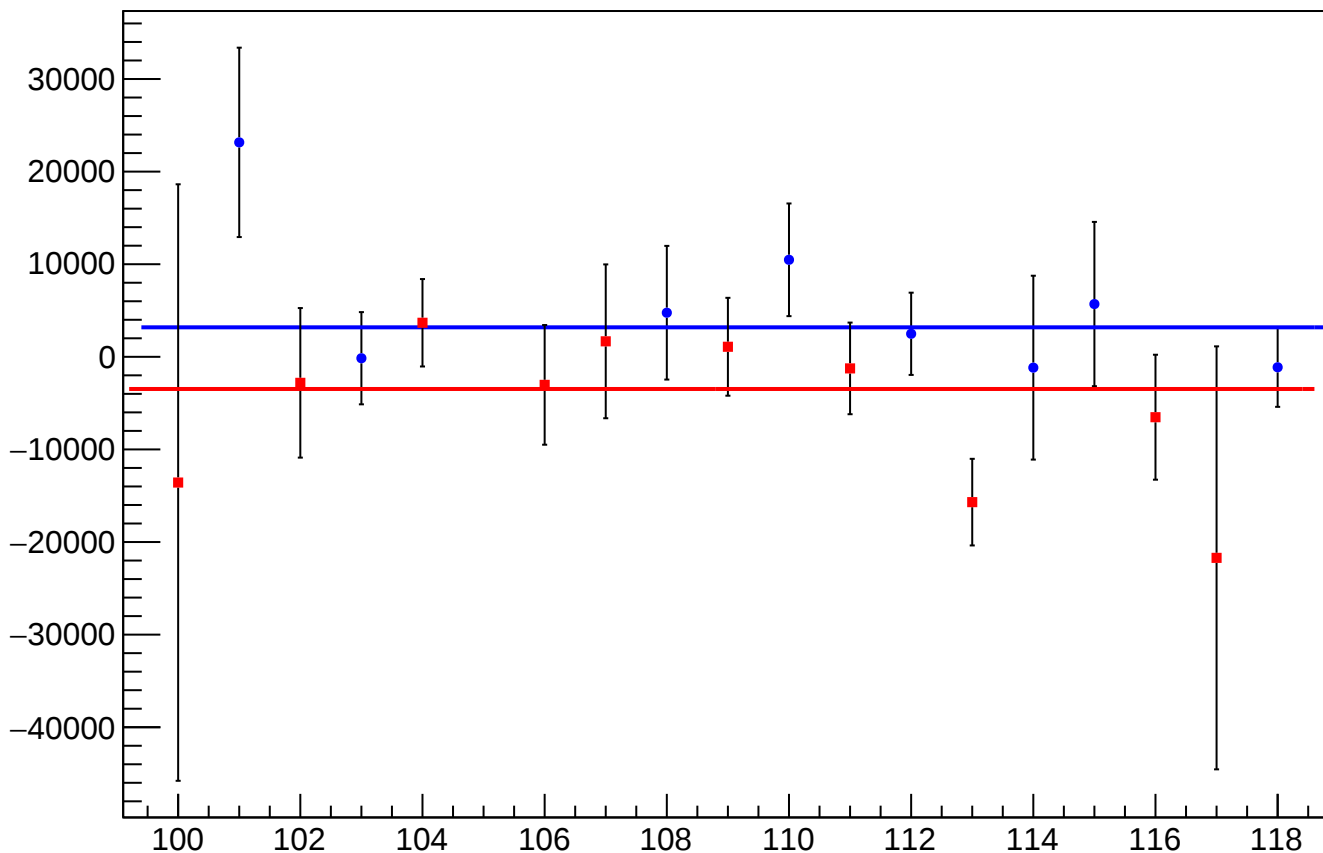
3019.566+/-1.248 χ^2/NDF : 351456.1/7

Right Out: 2902.902+/-1.153 χ^2/NDF : 422272.7/9

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

2902.902+/-1.153 χ^2/NDF : 422272.7/9

asym_atr1l2_avg_mean vs Slug



Right In: 3184.894+/-2110.962 χ^2/NDF : 7.1/7

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

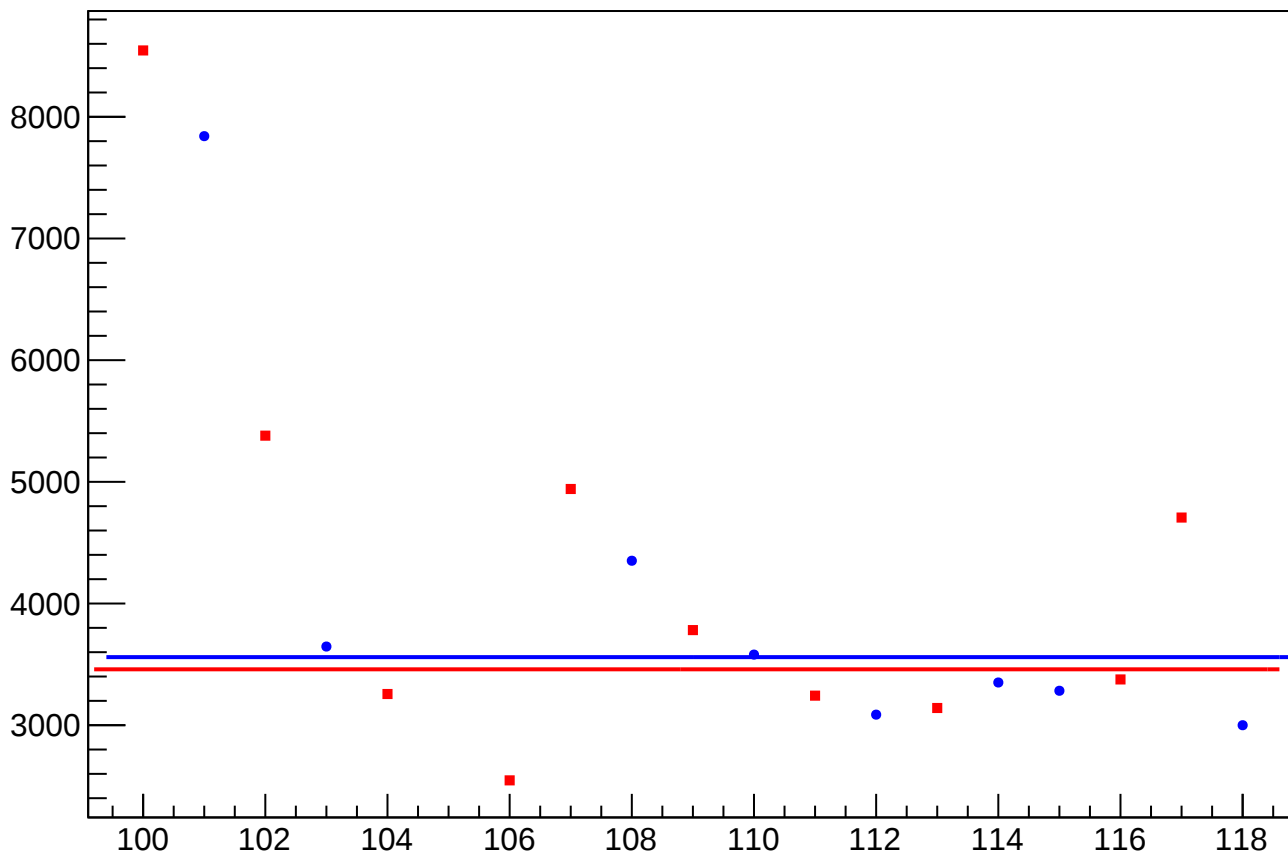
Right Out: -3473.242+/-2016.655 χ^2/NDF : 11.4/9

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

3184.894+/-2110.962 χ^2/NDF : 7.1/7

-3473.242+/-2016.655 χ^2/NDF : 11.4/9

asym_atr1l2_avg_rms vs Slug



Right In: 3559.438+/-1.493 χ^2/NDF : 435155.7/7

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

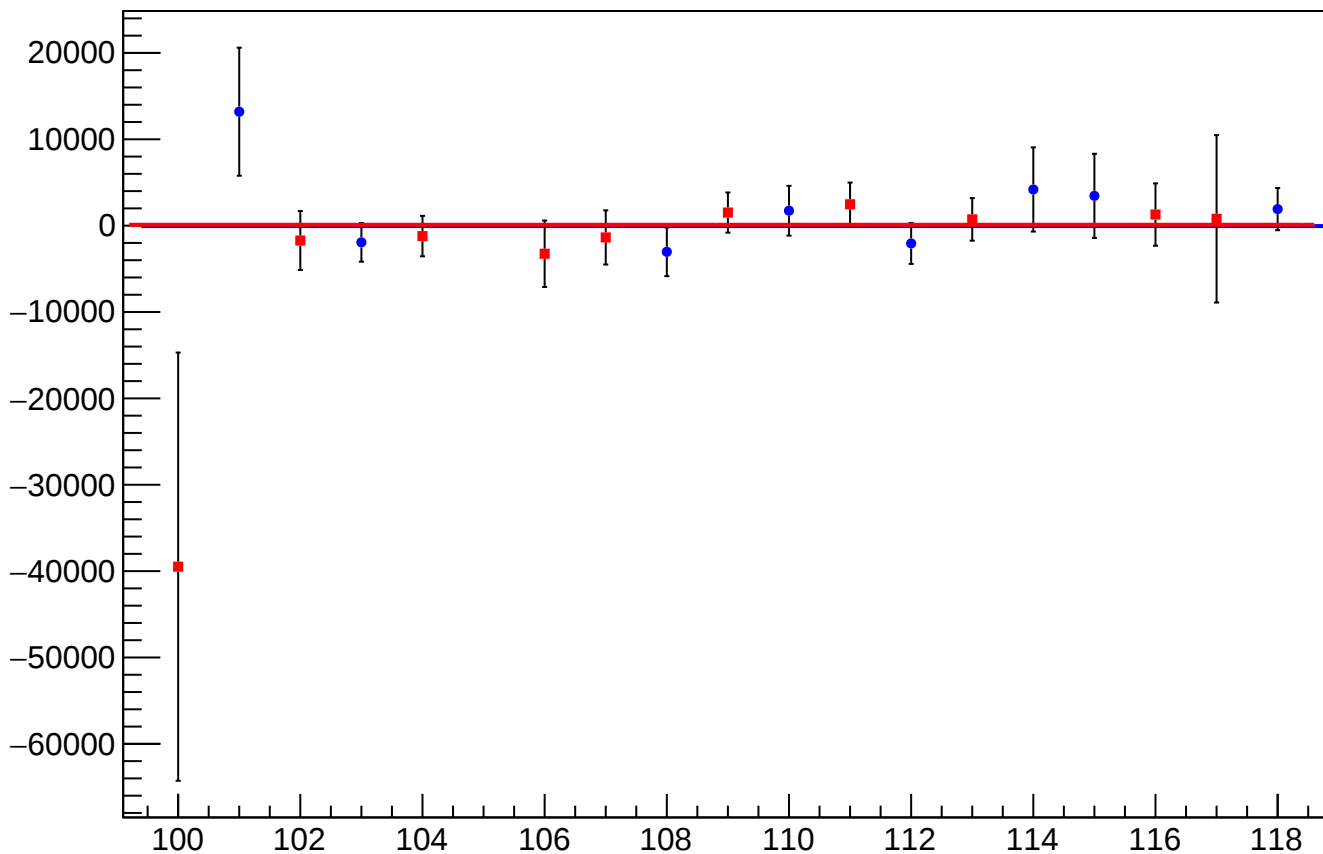
Right Out: 3459.192+/-1.385 χ^2/NDF : 321897.7/9

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

3559.438+/-1.493 χ^2/NDF : 435155.7/7

3459.192+/-1.385 χ^2/NDF : 321897.7/9

reg_asym_atr1l2_dd_mean vs Slug



Right In: -47.340 $\pm$ 1057.954 χ^2 /NDF: 8.0/7

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

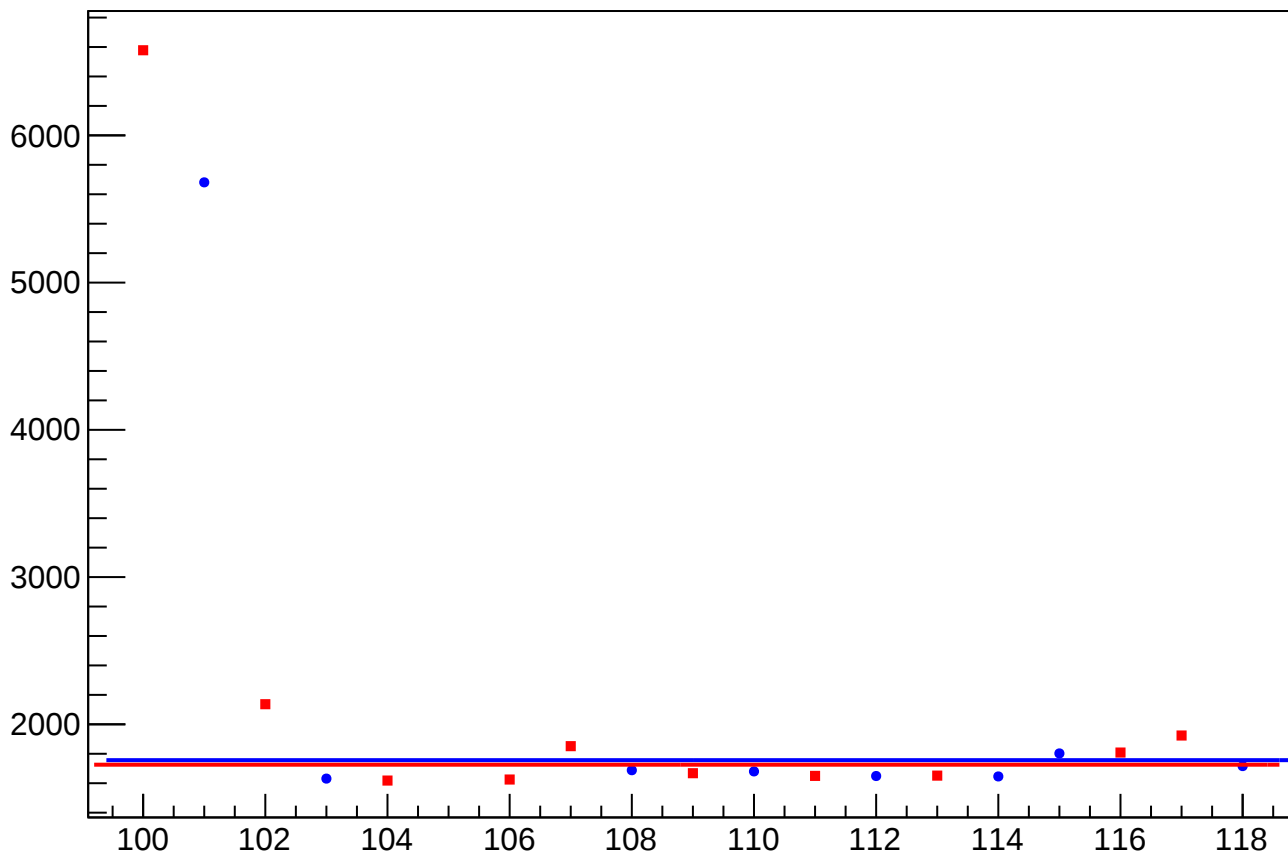
Right Out: 103.309 $\pm$ 983.372 χ^2 /NDF: 5.6/9

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

-47.340 $\pm$ 1057.954 χ^2 /NDF: 8.0/7

103.309 $\pm$ 983.372 χ^2 /NDF: 5.6/9

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1756.588+/-0.748 χ^2/NDF : 575068.6/7

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

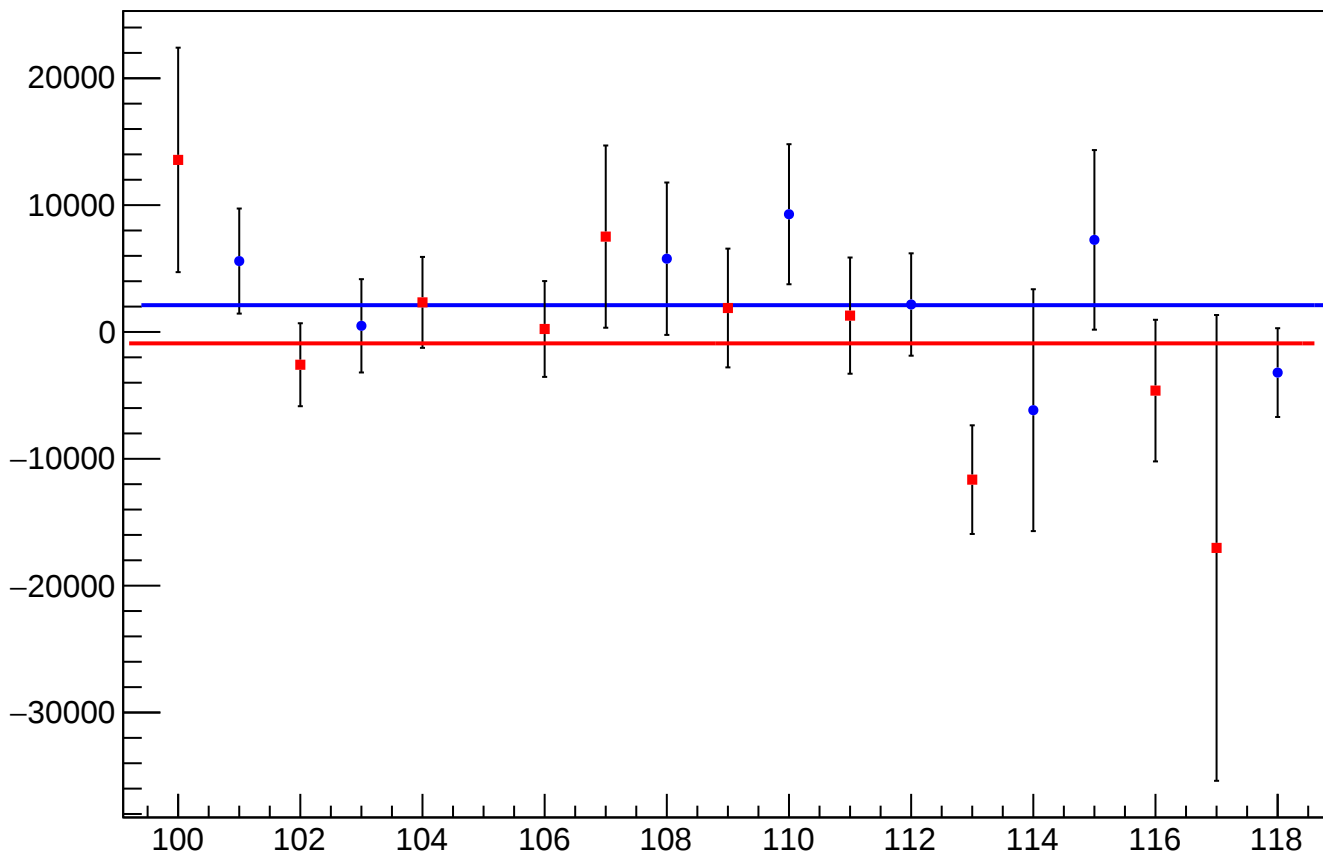
Right Out: 1725.781+/-0.686 χ^2/NDF : 121743.6/9

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

1756.588+/-0.748 χ^2/NDF : 575068.6/7

1725.781+/-0.686 χ^2/NDF : 121743.6/9

asym_atr1l2_dd_correction_mean vs Slug



Right In: 2112.377+/-1651.251 χ^2/NDF : 6.5/7

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

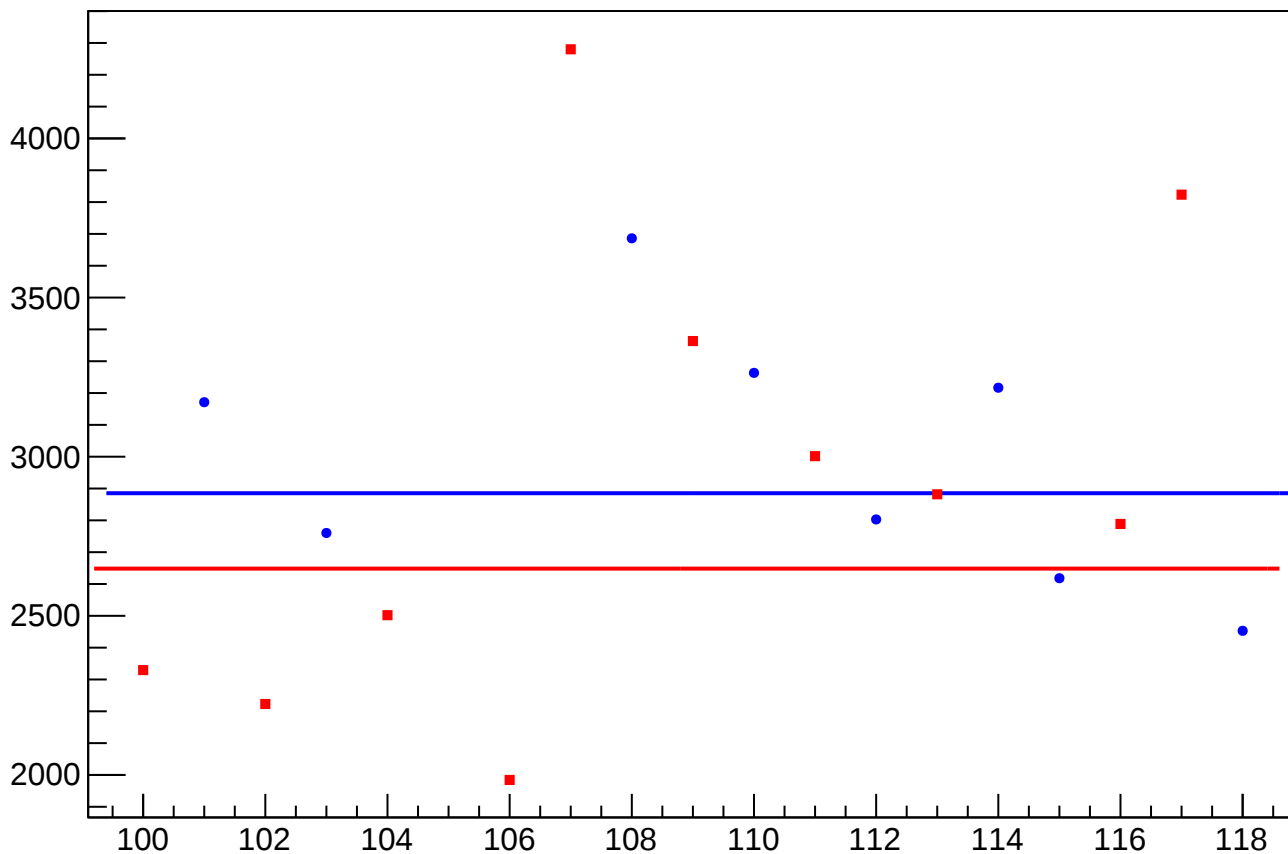
Right Out: -898.960+/-1480.164 χ^2/NDF : 13.3/9

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

2112.377+/-1651.251 χ^2/NDF : 6.5/7

-898.960+/-1480.164 χ^2/NDF : 13.3/9

asym_atr1l2_dd_correction_rms vs Slug



Right In: 2885.257 $\pm$ 1.168 χ^2 /NDF: 93396.4/7

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

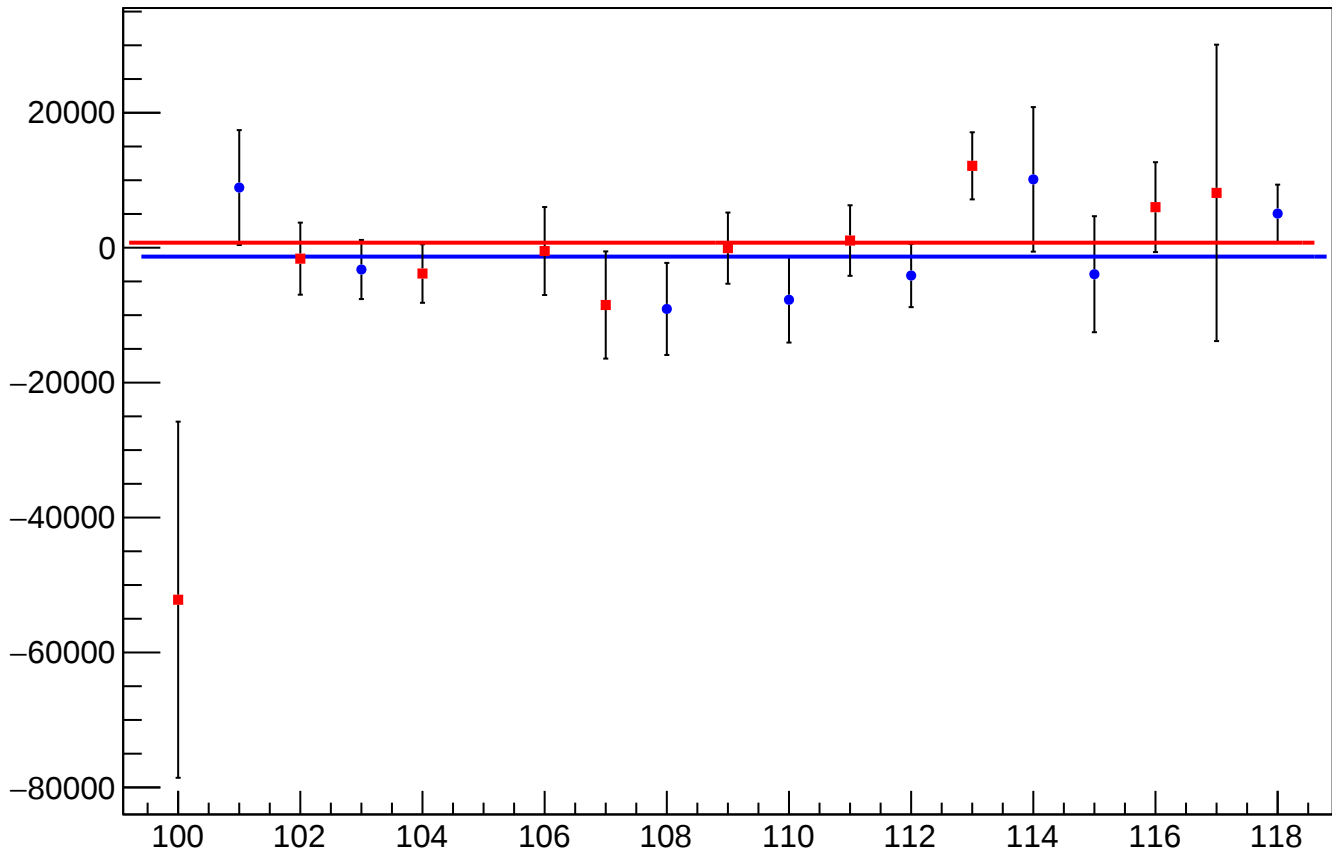
Right Out: 2648.426 $\pm$ 1.047 χ^2 /NDF: 278743.6/9

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

2885.257 $\pm$ 1.168 χ^2 /NDF: 93396.4/7

2648.426 $\pm$ 1.047 χ^2 /NDF: 278743.6/9

asym_atr1l2_dd_mean vs Slug



Right In: -1321.384+/-2065.379 χ^2 /NDF: 7.8/7

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

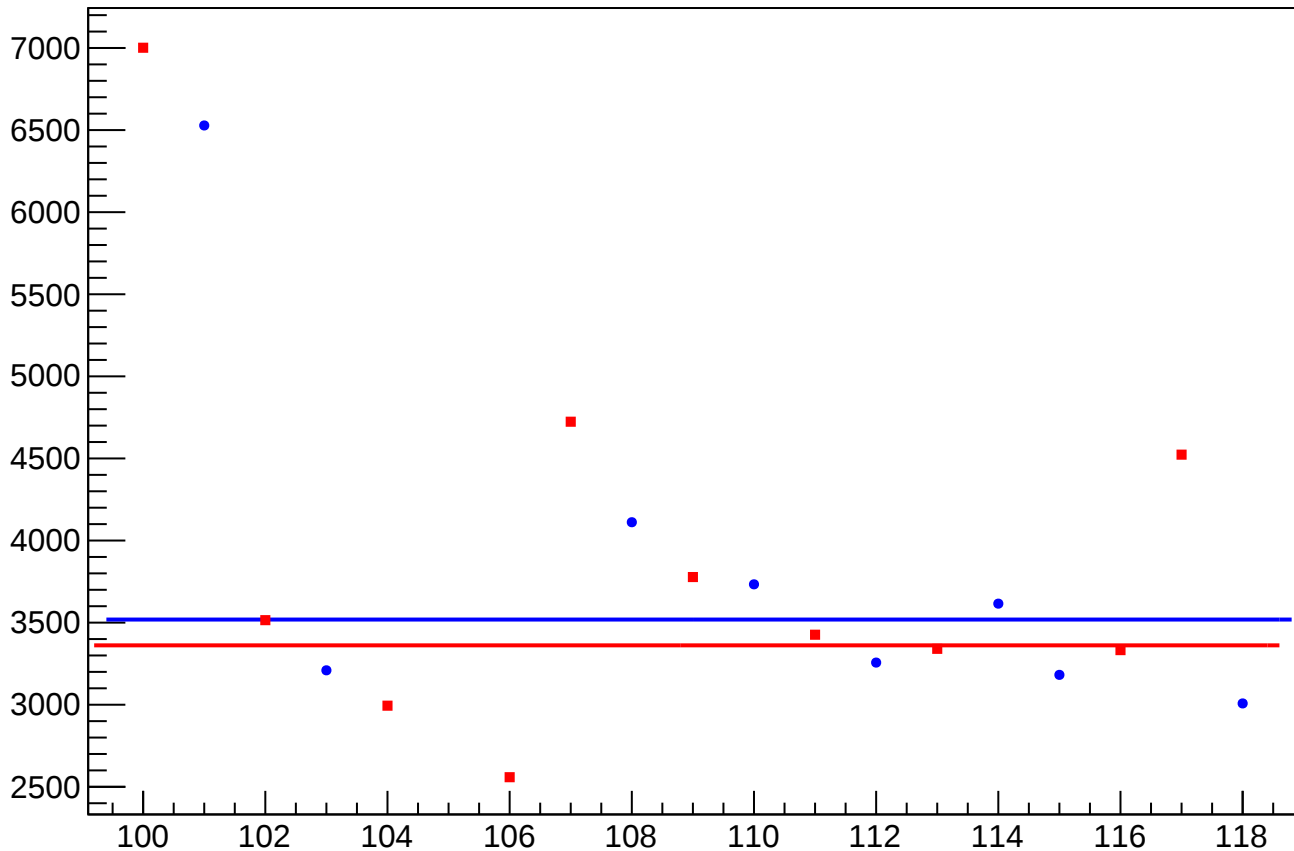
Right Out: 742.574+/-1936.936 χ^2 /NDF: 12.7/9

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

-1321.384+/-2065.379 χ^2 /NDF: 7.8/7

742.574+/-1936.936 χ^2 /NDF: 12.7/9

asym_atr1l2_dd_rms vs Slug



Right In: 3518.763 $\pm$ 1.460 χ^2 /NDF: 314974.5/7

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

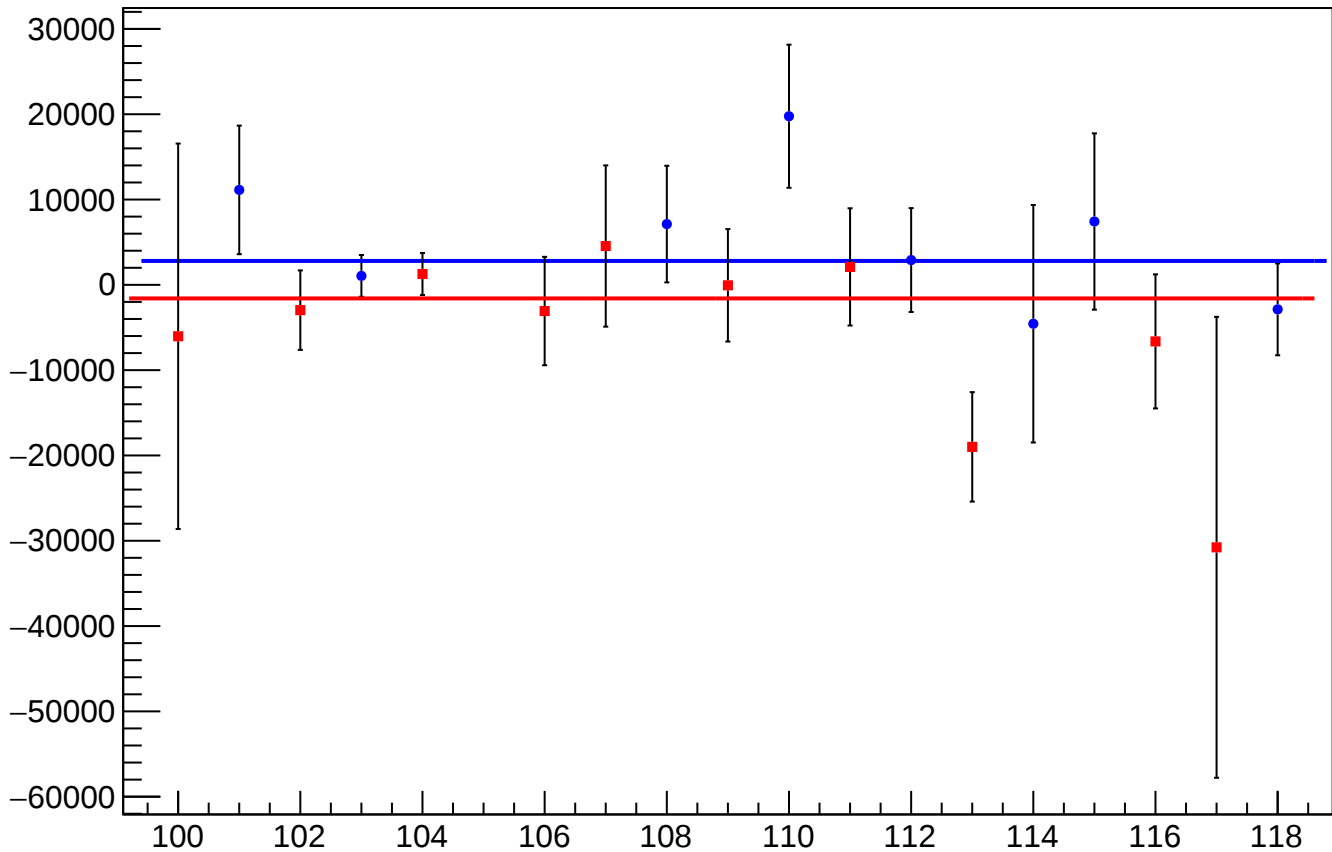
Right Out: 3361.645 $\pm$ 1.333 χ^2 /NDF: 180826.8/9

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

3518.763 $\pm$ 1.460 χ^2 /NDF: 314974.5/7

3361.645 $\pm$ 1.333 χ^2 /NDF: 180826.8/9

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2803.819+/-1838.152 χ^2/NDF : 7.8/7

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

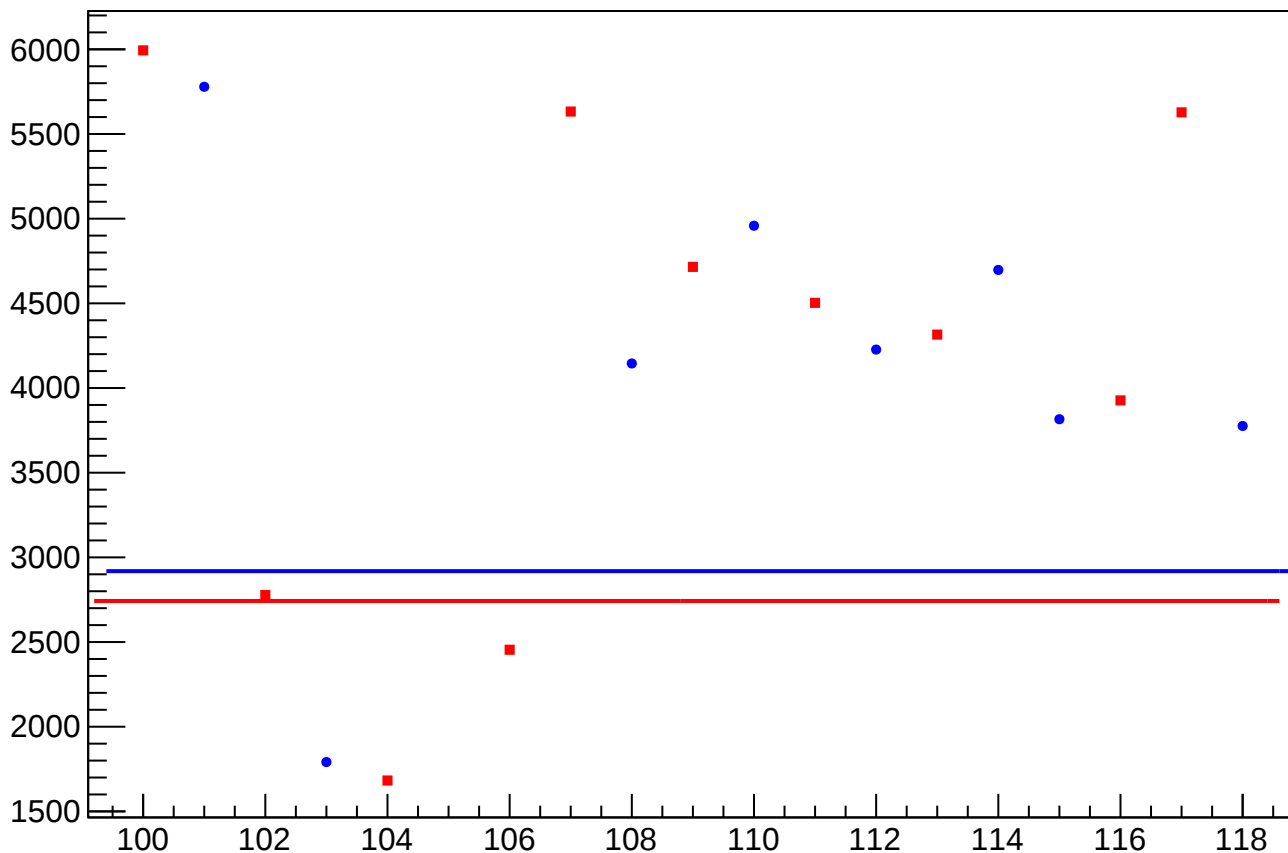
2803.819+/-1838.152 χ^2/NDF : 7.8/7

Right Out: -1590.352+/-1728.930 χ^2/NDF : 11.2/9

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

-1590.352+/-1728.930 χ^2/NDF : 11.2/9

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 2918.738+/-1.300 χ^2/NDF : 1085297.6/7

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

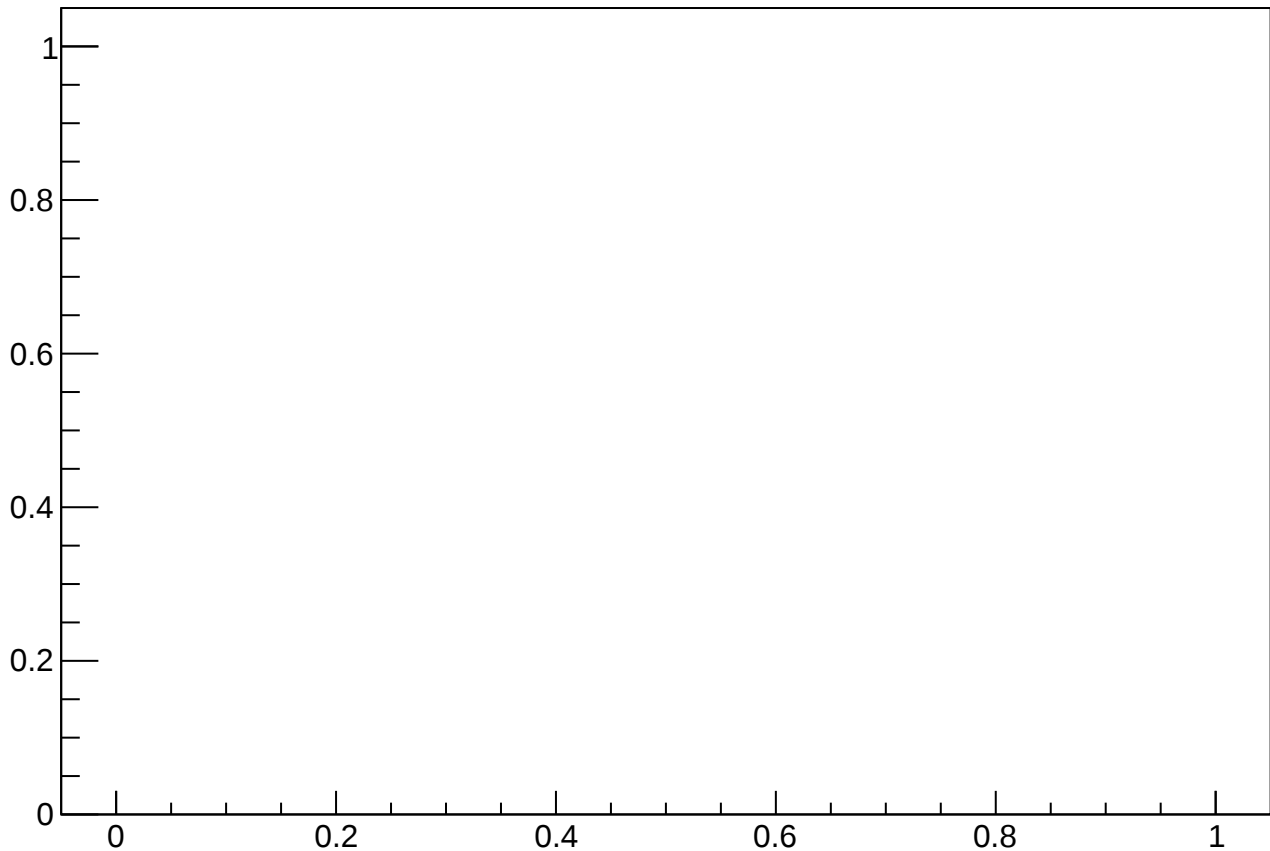
Right Out: 2742.513+/-1.205 χ^2/NDF : 1102808.1/9

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

2918.738+/-1.300 χ^2/NDF : 1085297.6/7

2742.513+/-1.205 χ^2/NDF : 1102808.1/9

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

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

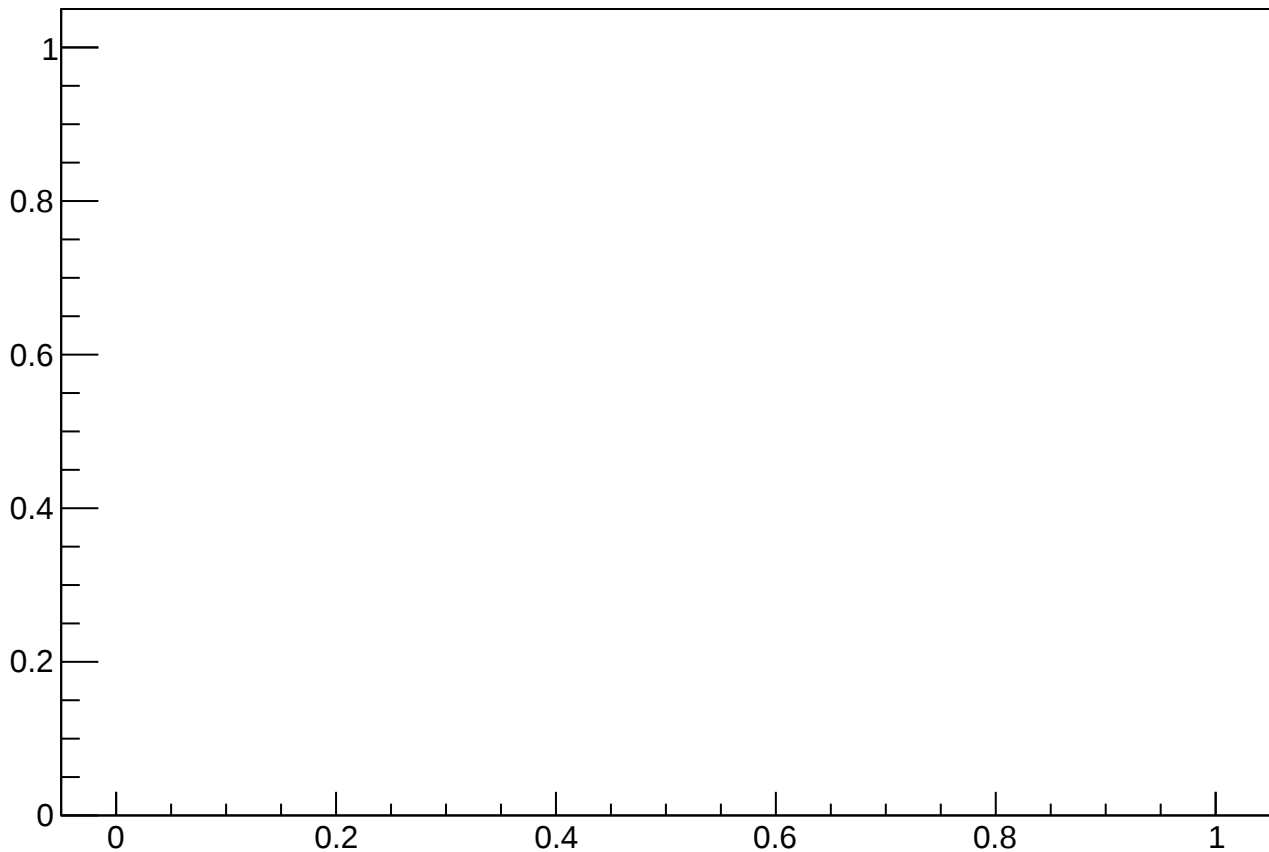
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

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

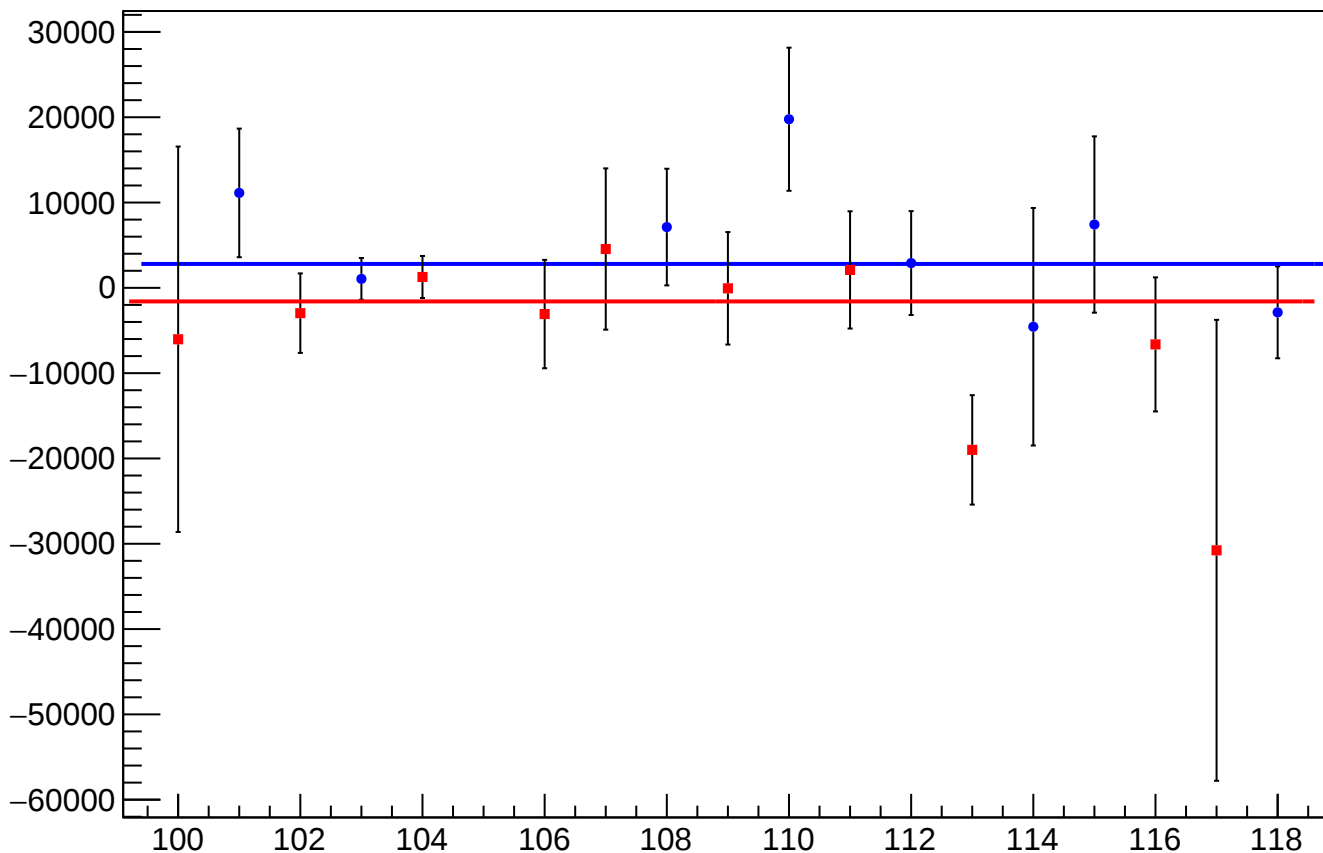
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2803.819+/-1838.152 χ^2/NDF : 7.8/7

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

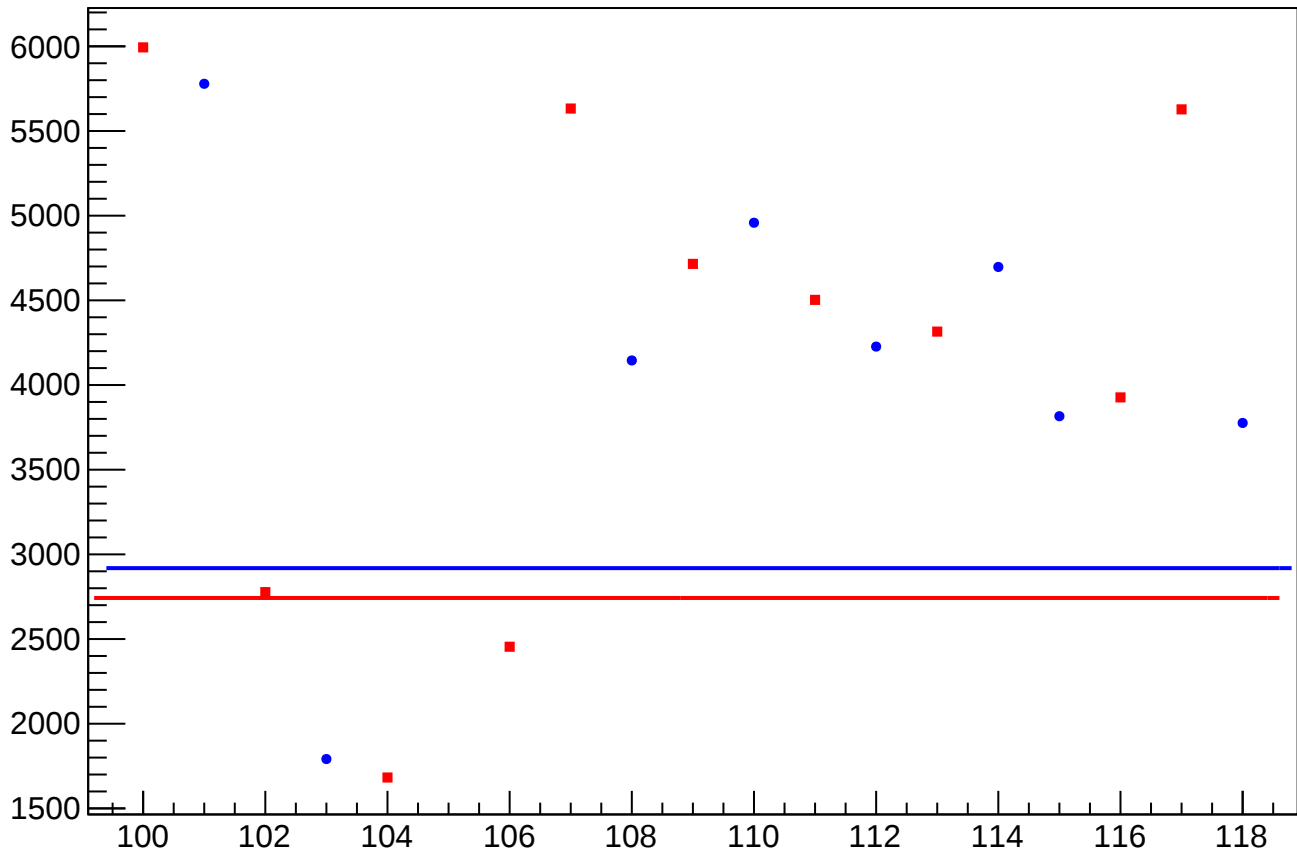
Right Out: -1590.352+/-1728.930 χ^2/NDF : 11.2/9

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

2803.819+/-1838.152 χ^2/NDF : 7.8/7

-1590.352+/-1728.930 χ^2/NDF : 11.2/9

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 2918.738+/-1.300 χ^2/NDF : 1085297.6/7

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

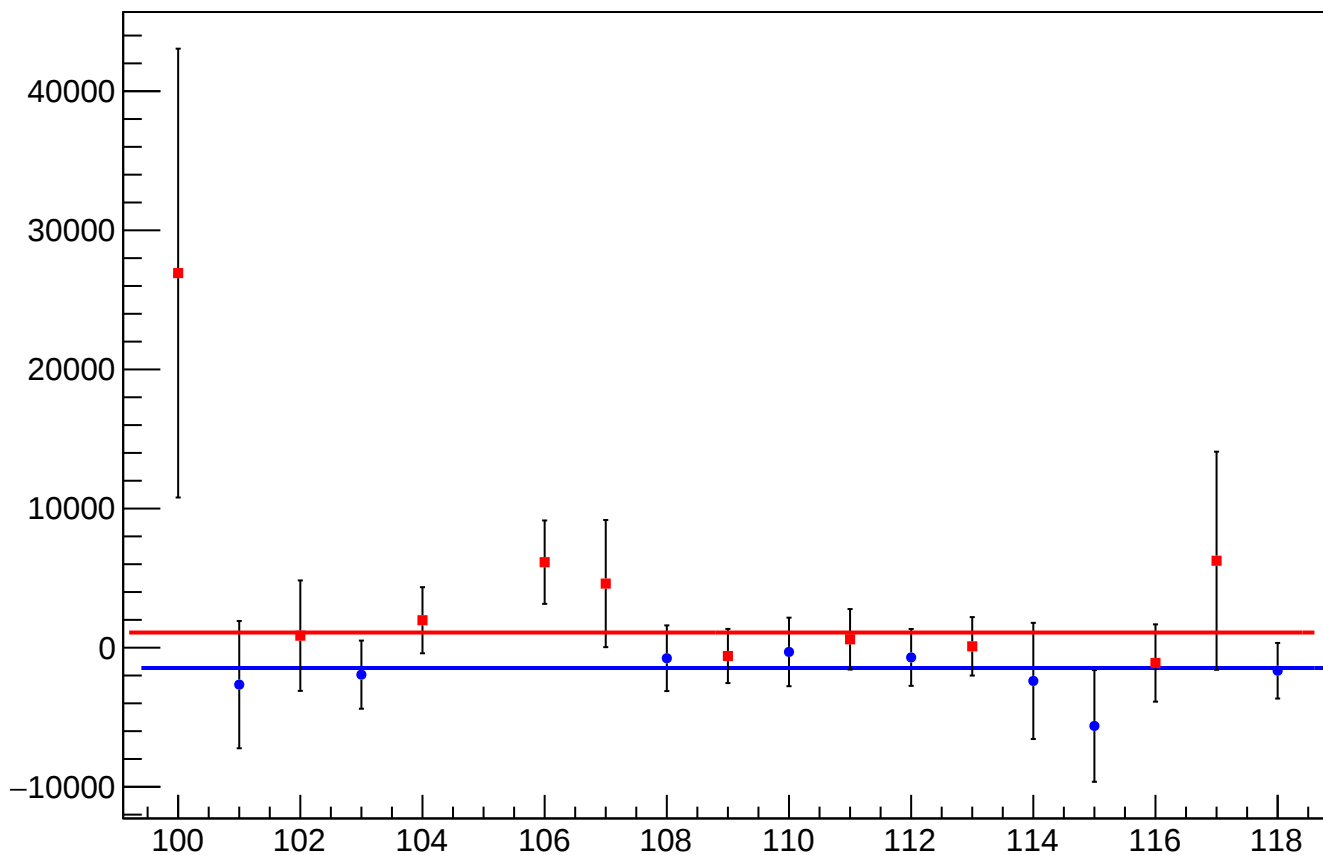
2918.738+/-1.300 χ^2/NDF : 1085297.6/7

Right Out: 2742.513+/-1.205 χ^2/NDF : 1102808.1/9

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

2742.513+/-1.205 χ^2/NDF : 1102808.1/9

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1459.768+/-925.281 χ^2/NDF : 1.7/7

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

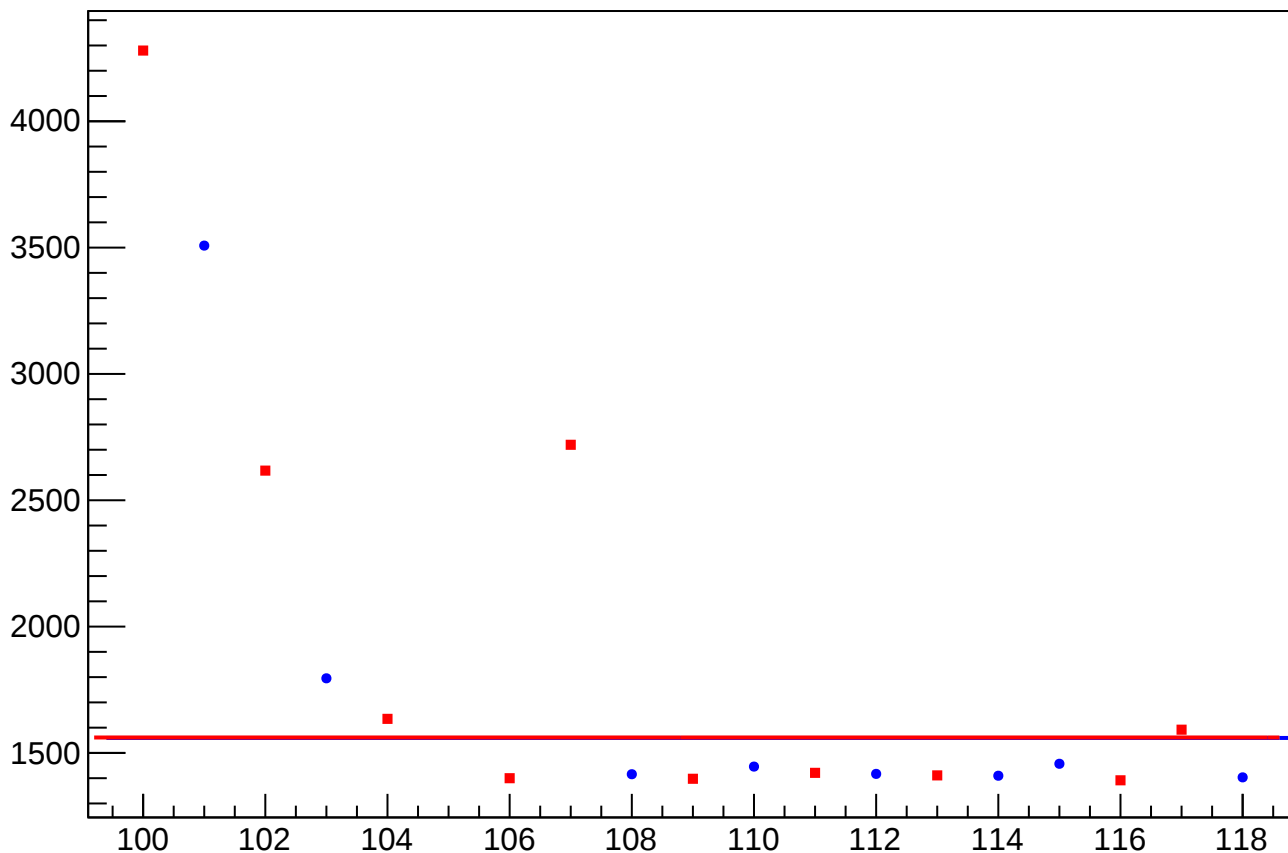
Right Out: 1090.100+/-893.978 χ^2/NDF : 8.2/9

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

-1459.768+/-925.281 χ^2/NDF : 1.7/7

1090.100+/-893.978 χ^2/NDF : 8.2/9

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1559.272+/-0.654 χ^2/NDF : 418809.8/7

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

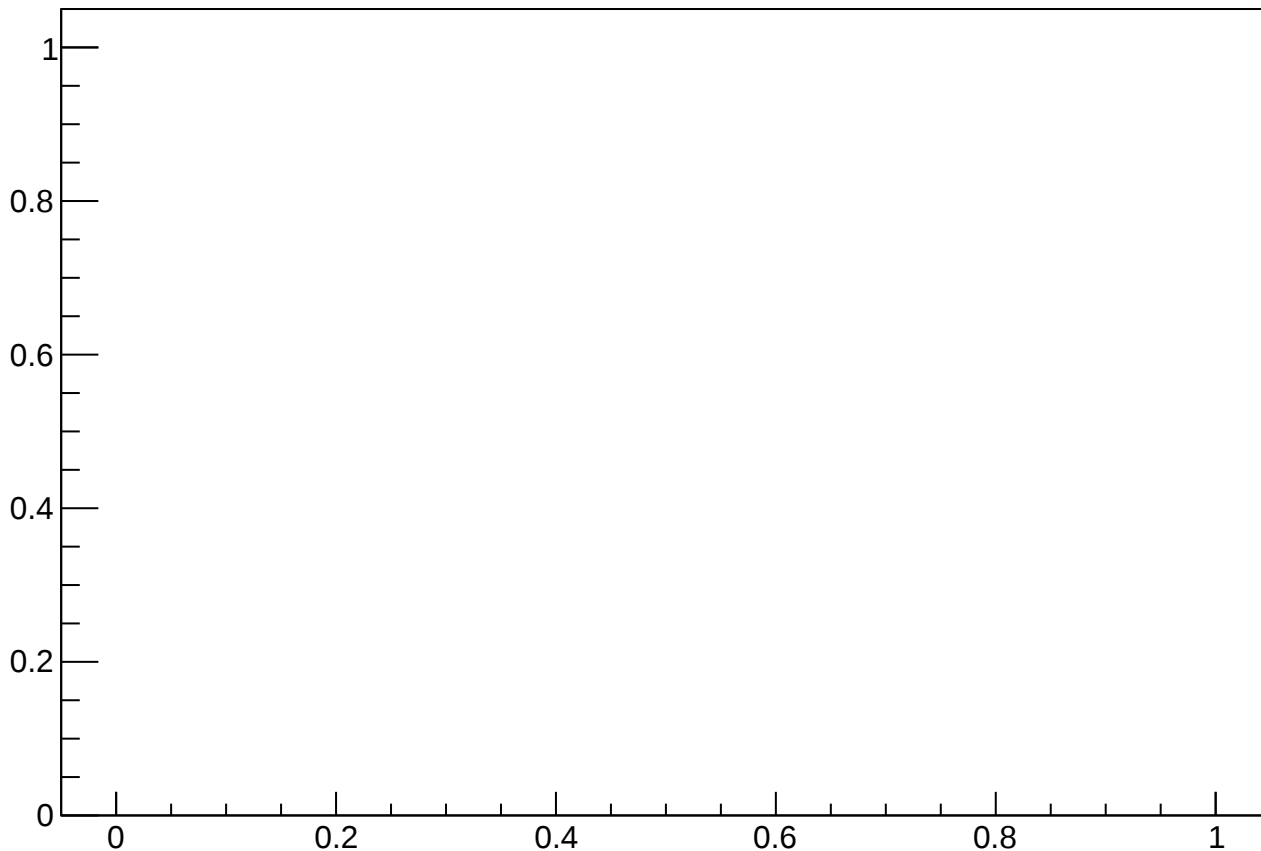
Right Out: 1561.070+/-0.632 χ^2/NDF : 374685.2/9

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

1559.272+/-0.654 χ^2/NDF : 418809.8/7

1561.070+/-0.632 χ^2/NDF : 374685.2/9

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

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

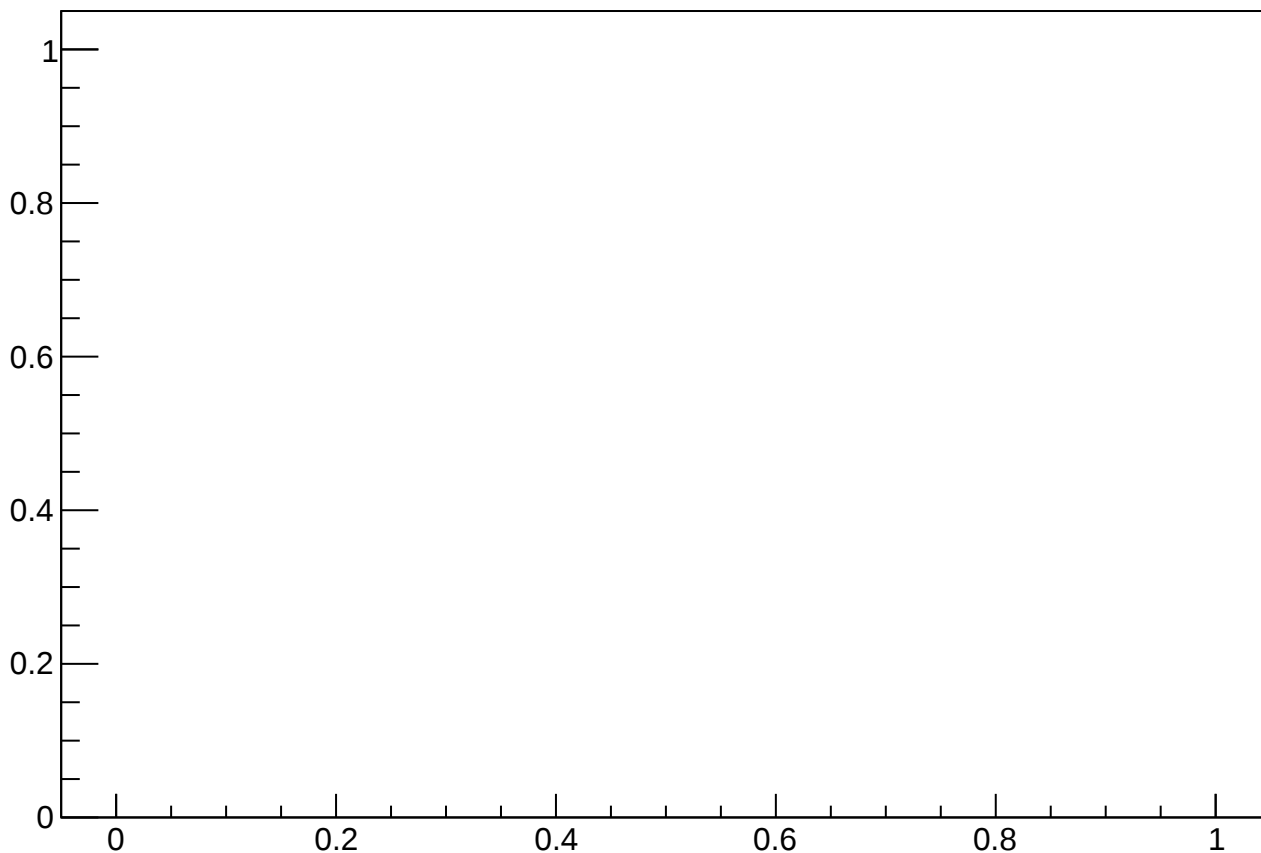
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

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

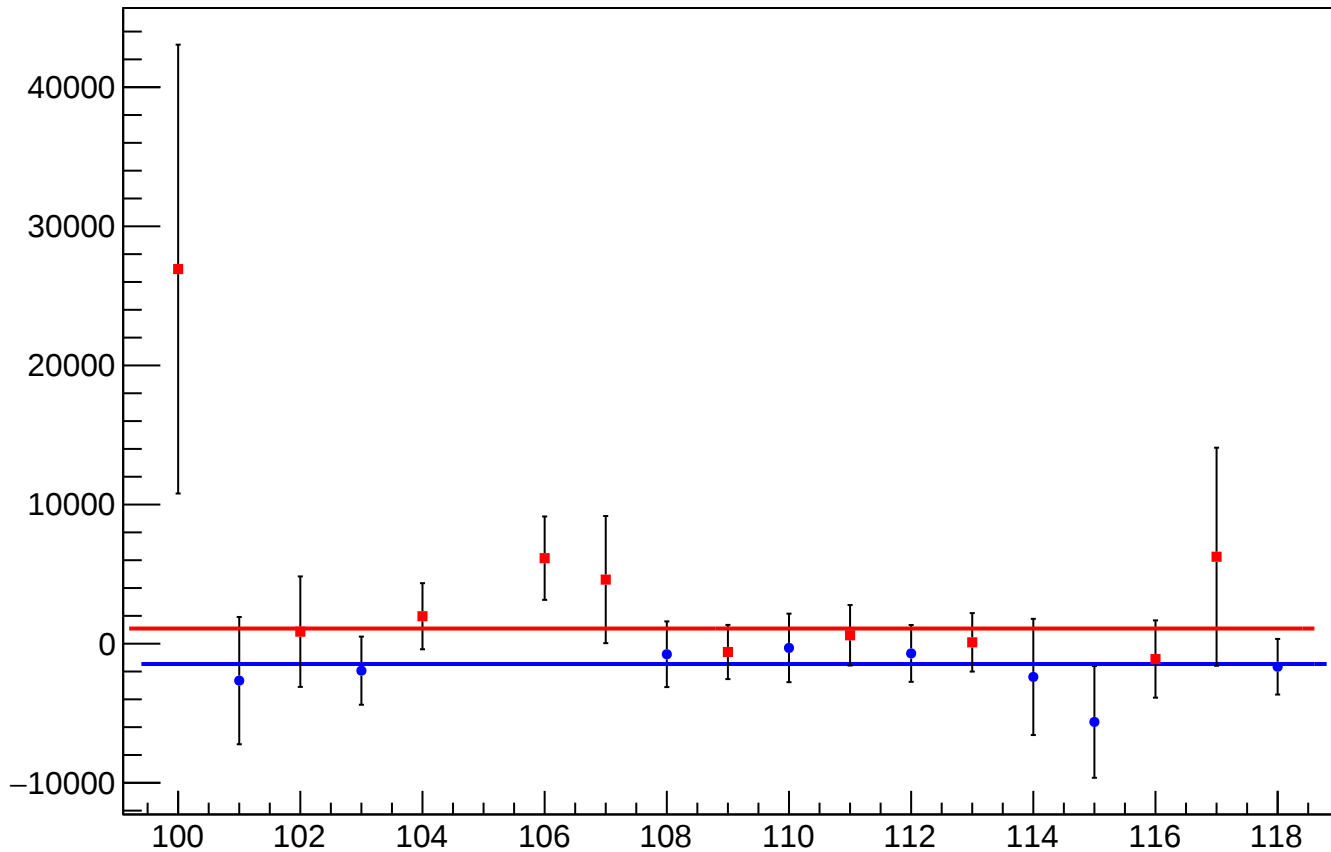
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1459.768+/-925.281 χ^2/NDF : 1.7/7

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

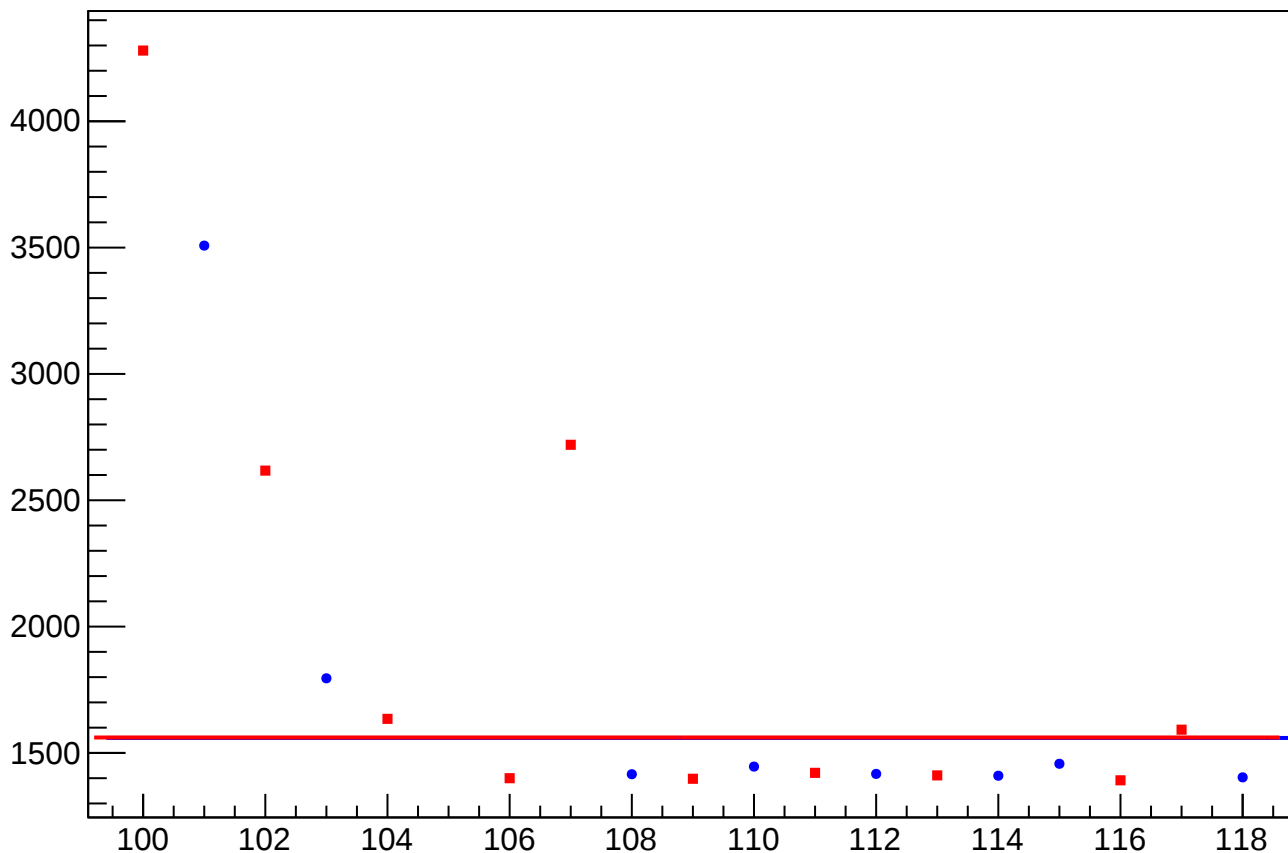
Right Out: 1090.100+/-893.978 χ^2/NDF : 8.2/9

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

-1459.768+/-925.281 χ^2/NDF : 1.7/7

1090.100+/-893.978 χ^2/NDF : 8.2/9

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1559.272+/-0.654 χ^2/NDF : 418809.8/7

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

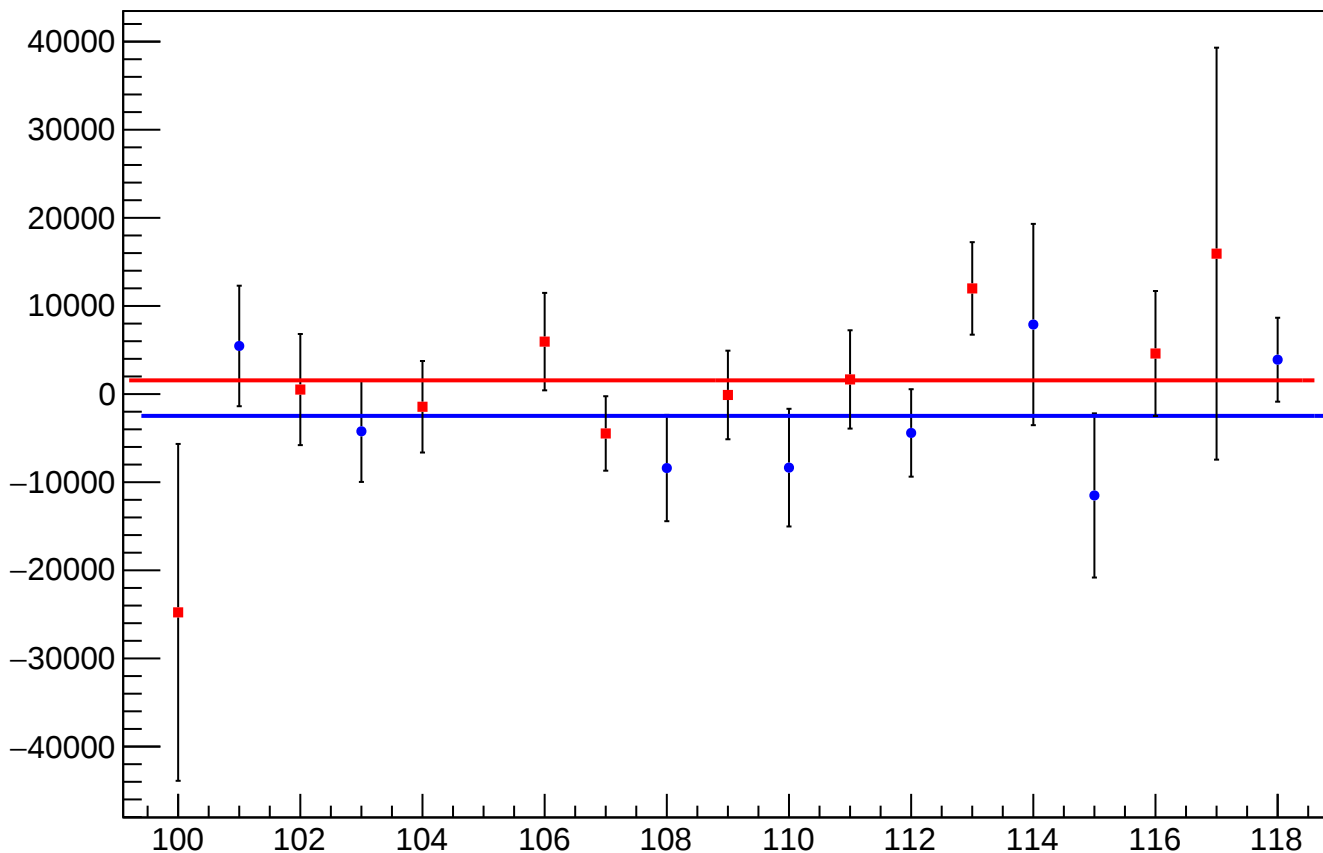
Right Out: 1561.070+/-0.632 χ^2/NDF : 374685.2/9

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

1559.272+/-0.654 χ^2/NDF : 418809.8/7

1561.070+/-0.632 χ^2/NDF : 374685.2/9

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -2473.239+/-2206.085 χ^2 /NDF: 6.9/7

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

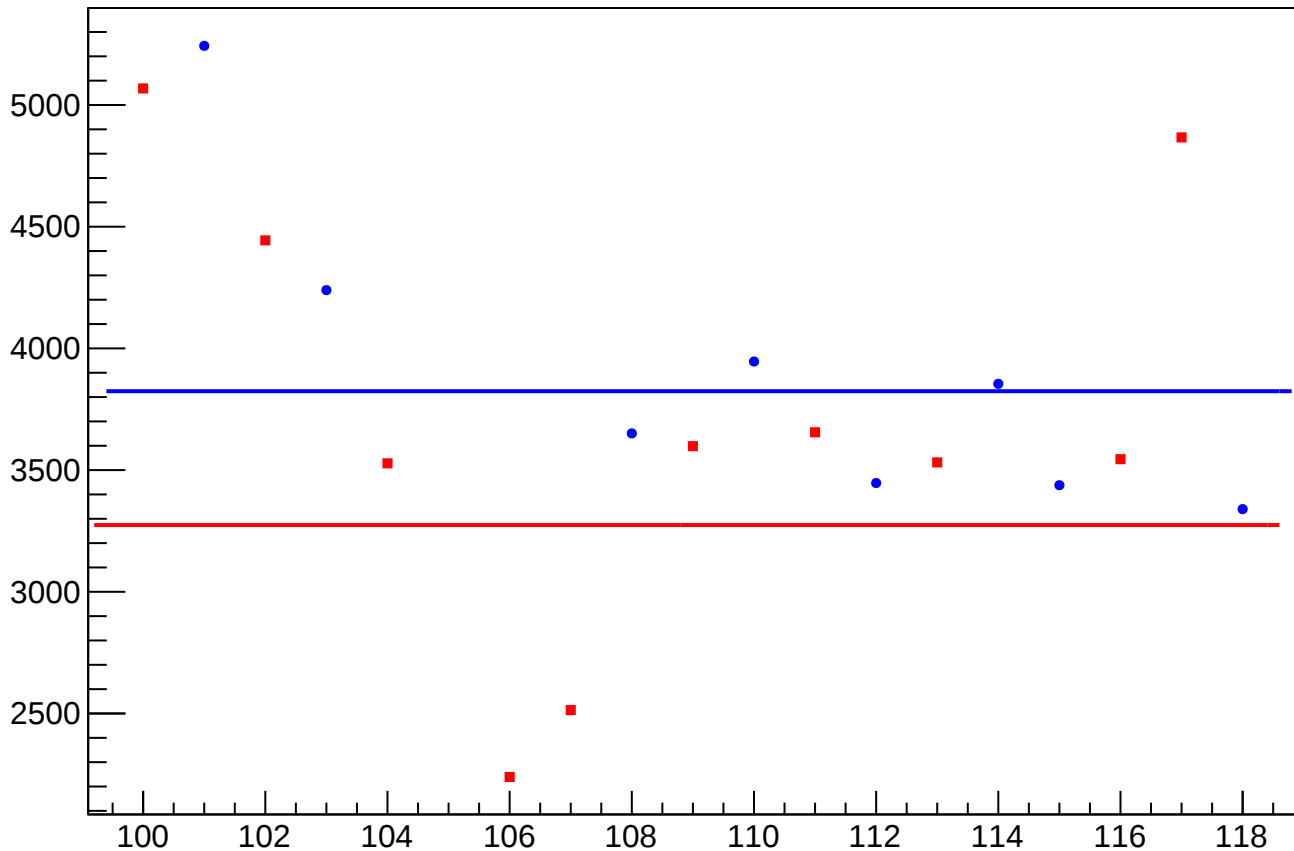
Right Out: 1558.005+/-1878.419 χ^2 /NDF: 9.5/9

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

-2473.239+/-2206.085 χ^2 /NDF: 6.9/7

1558.005+/-1878.419 χ^2 /NDF: 9.5/9

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3824.128+/-1.560 χ^2/NDF : 134567.4/7

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

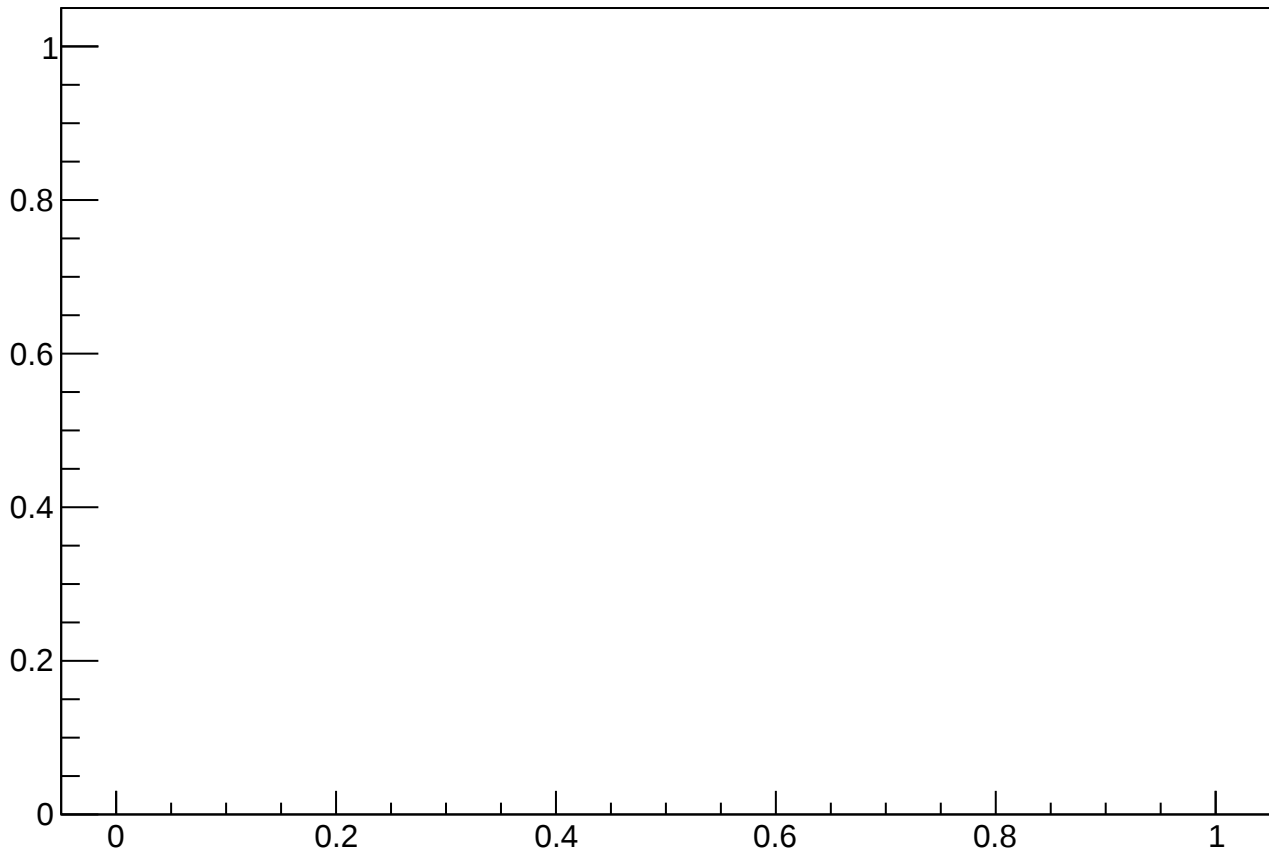
3824.128+/-1.560 χ^2/NDF : 134567.4/7

Right Out: 3274.166+/-1.306 χ^2/NDF : 281436.2/9

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

3274.166+/-1.306 χ^2/NDF : 281436.2/9

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

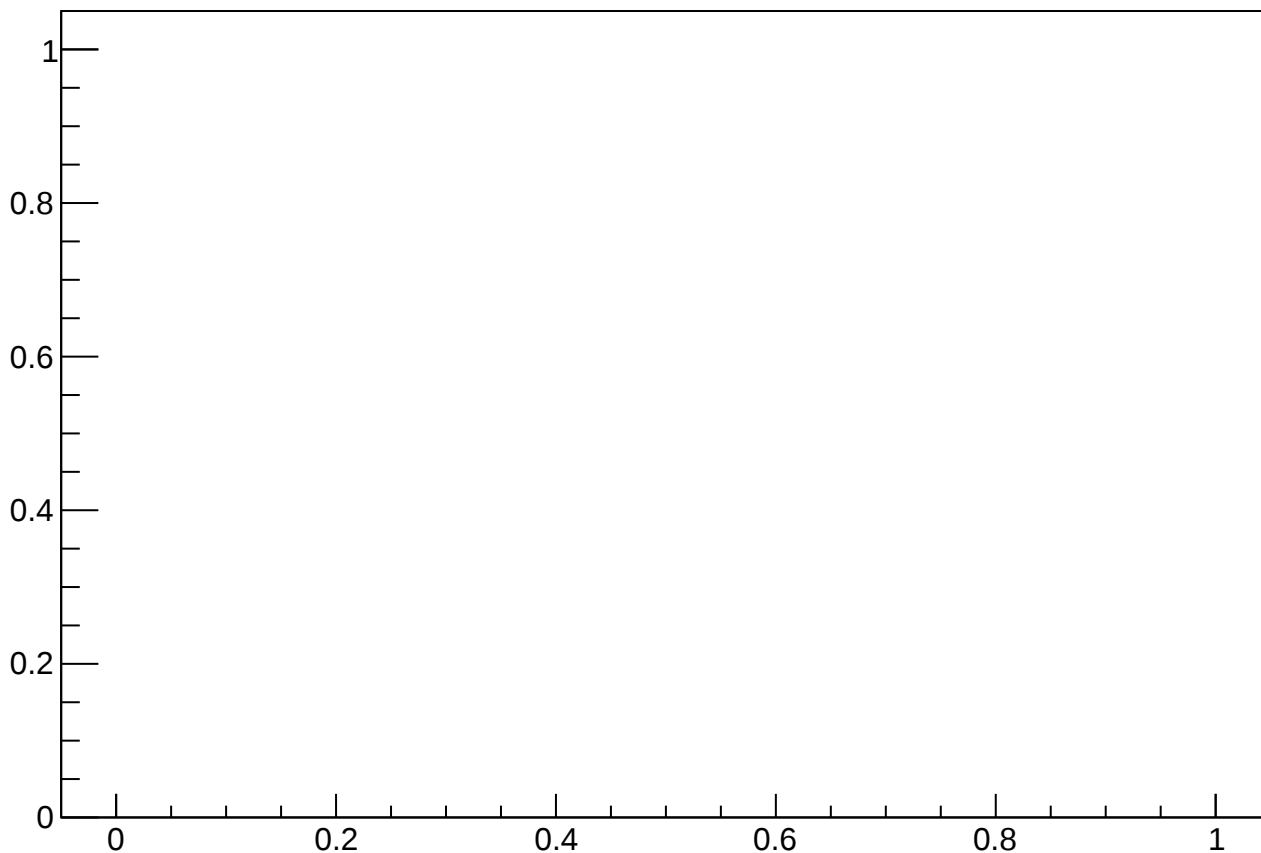
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

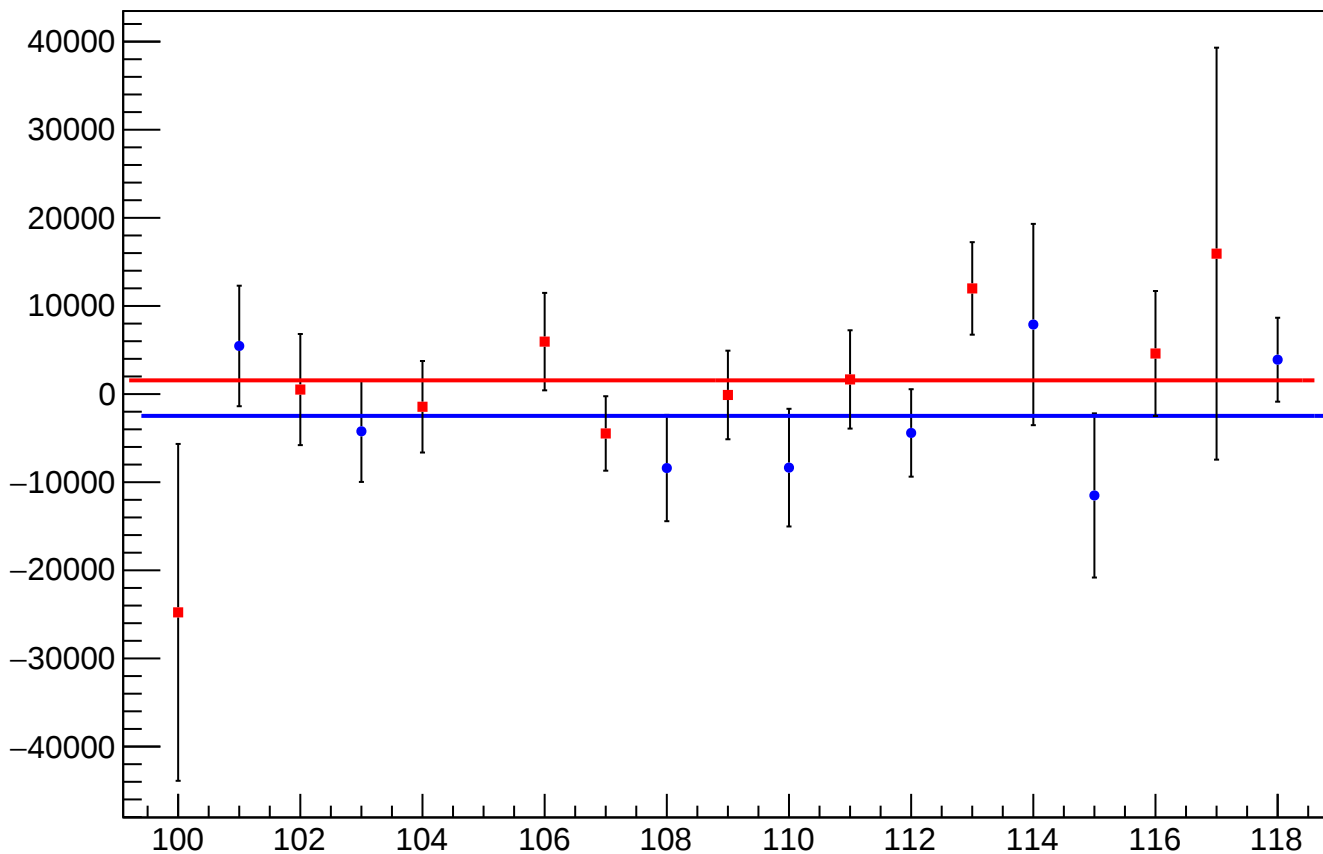
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -2473.239+/-2206.085 χ^2 /NDF: 6.9/7

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

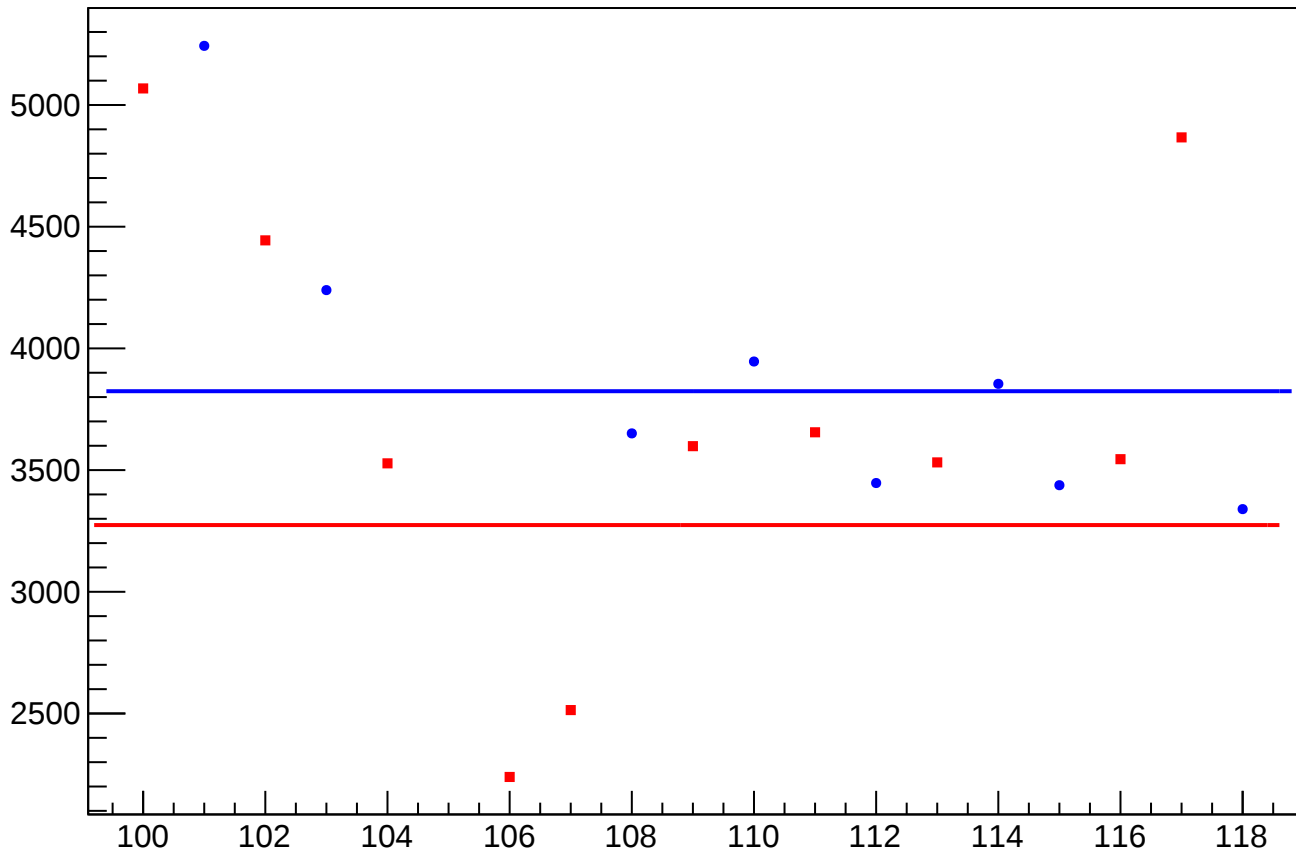
Right Out: 1558.005+/-1878.419 χ^2 /NDF: 9.5/9

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

-2473.239+/-2206.085 χ^2 /NDF: 6.9/7

1558.005+/-1878.419 χ^2 /NDF: 9.5/9

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3824.128+/-1.560 χ^2/NDF : 134567.4/7

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

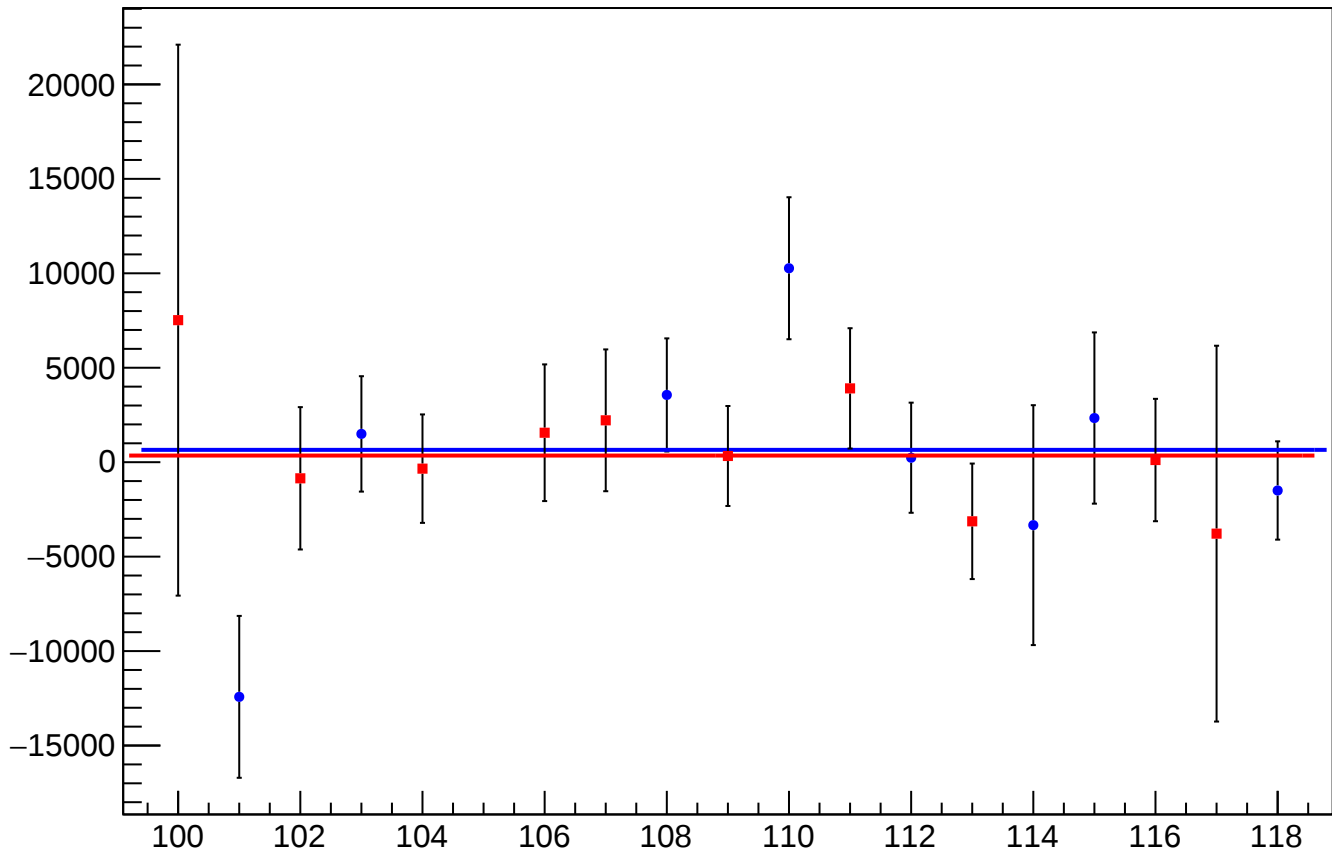
Right Out: 3274.166+/-1.306 χ^2/NDF : 281436.2/9

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

3824.128+/-1.560 χ^2/NDF : 134567.4/7

3274.166+/-1.306 χ^2/NDF : 281436.2/9

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 652.879+/-1210.186 χ^2/NDF : 18.1/7

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

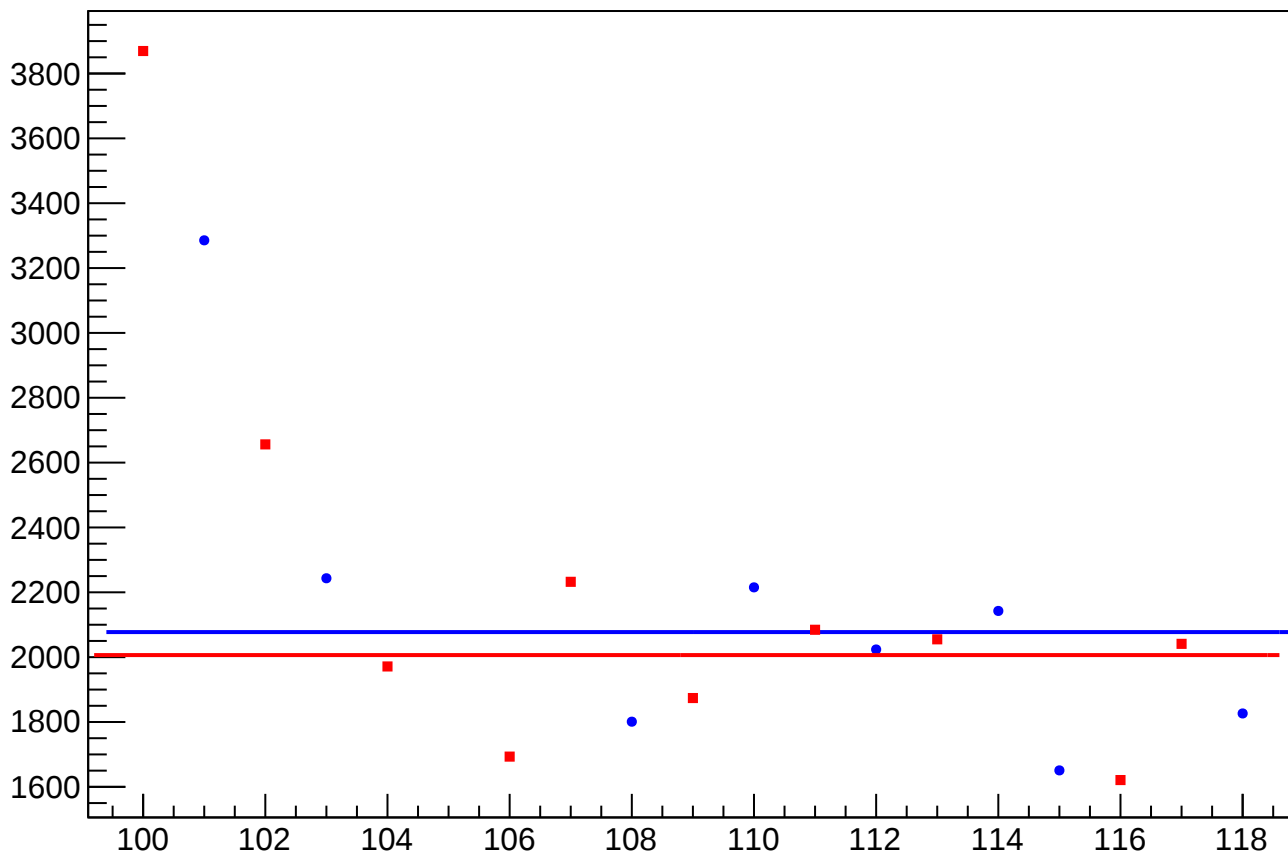
Right Out: 351.247+/-1119.763 χ^2/NDF : 3.5/9

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

652.879+/-1210.186 χ^2/NDF : 18.1/7

351.247+/-1119.763 χ^2/NDF : 3.5/9

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 2077.333+/-0.856 χ^2/NDF : 221830.0/7

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

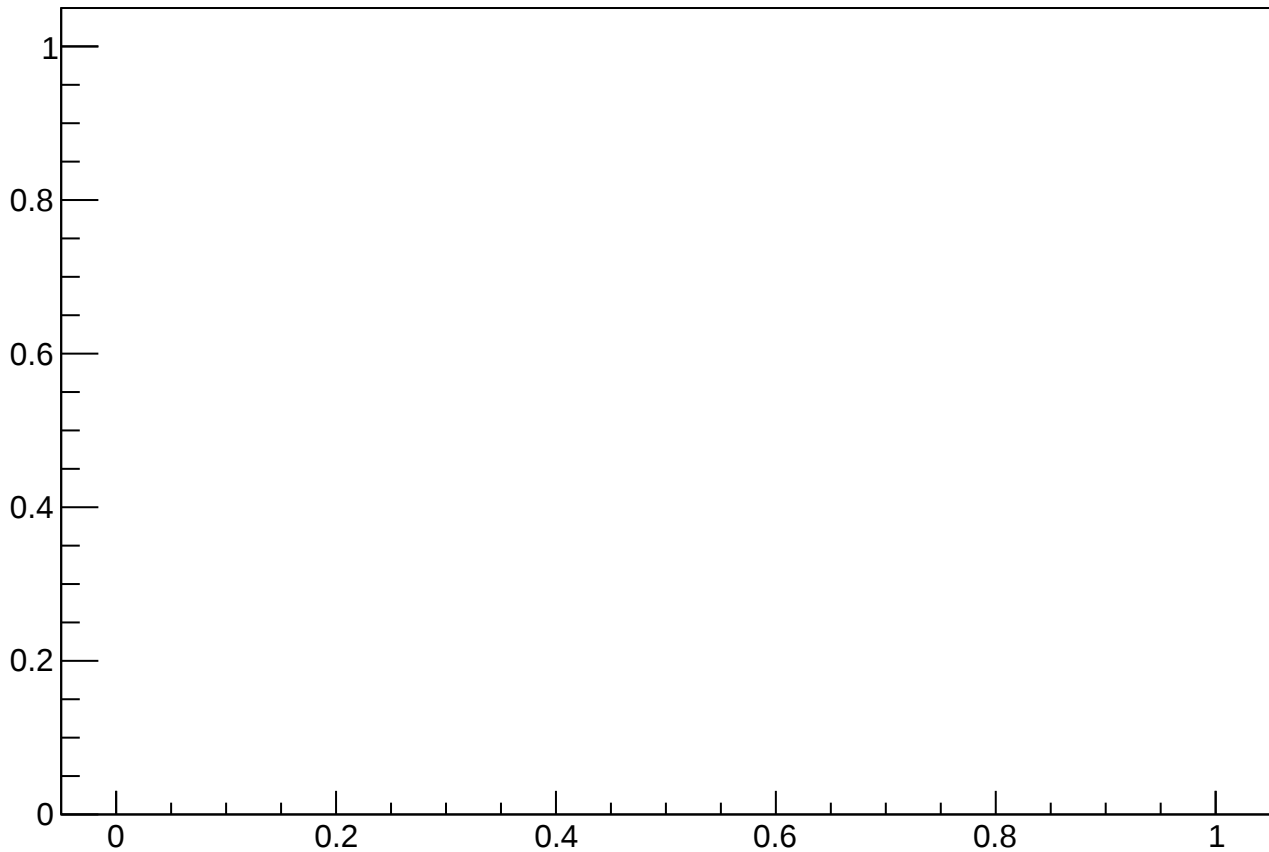
2077.333+/-0.856 χ^2/NDF : 221830.0/7

Right Out: 2006.397+/-0.792 χ^2/NDF : 149719.4/9

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

2006.397+/-0.792 χ^2/NDF : 149719.4/9

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

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

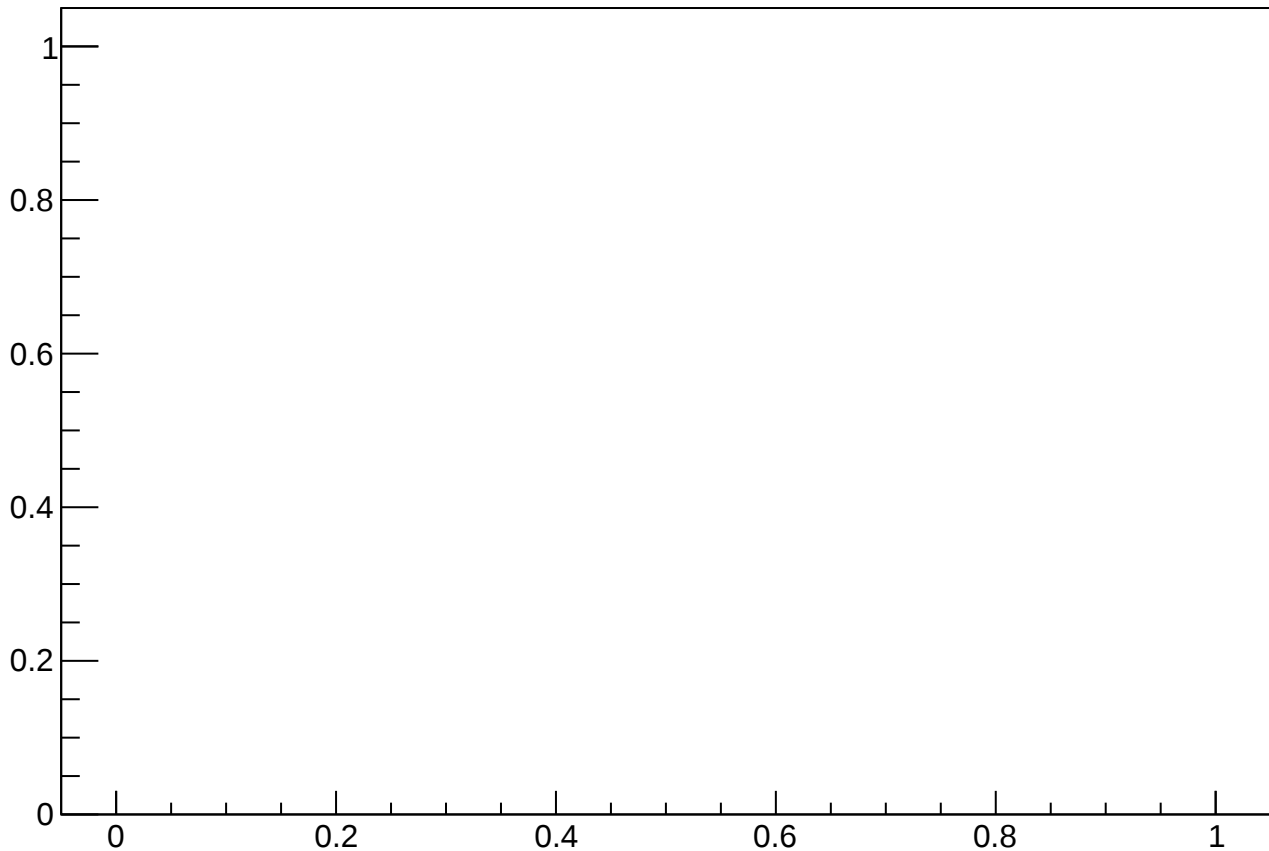
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

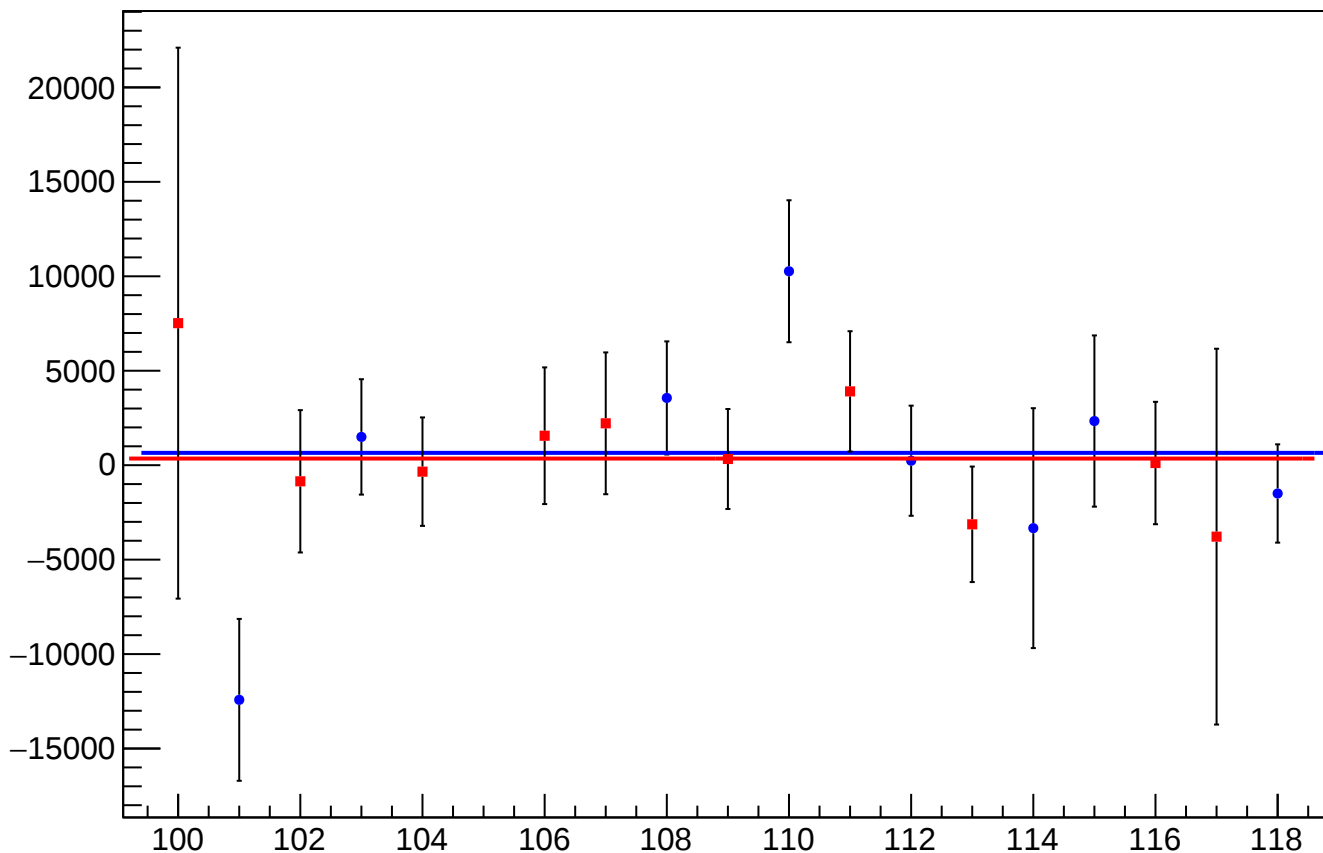
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 652.879+/-1210.186 χ^2 /NDF: 18.1/7

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

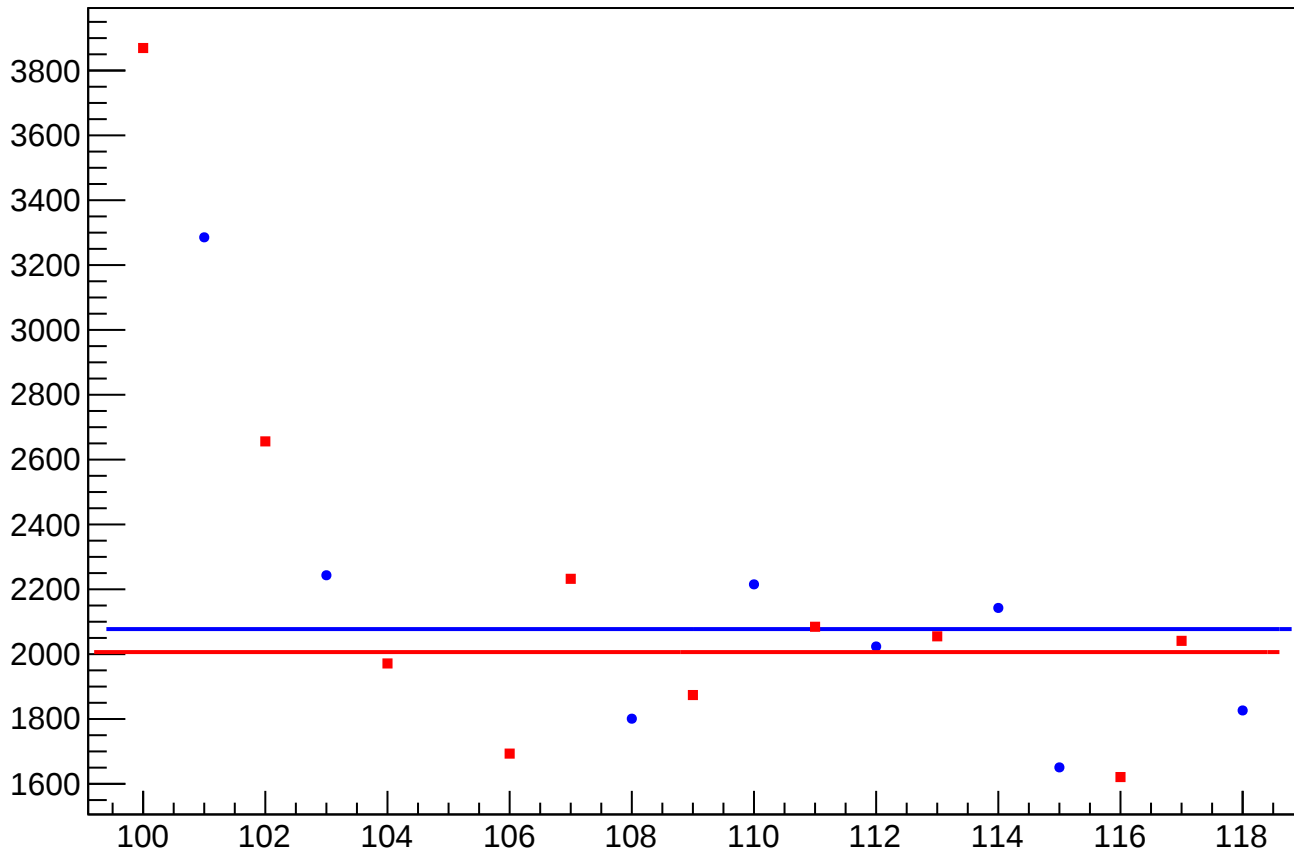
Right Out: 351.247+/-1119.763 χ^2 /NDF: 3.5/9

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

652.879+/-1210.186 χ^2 /NDF: 18.1/7

351.247+/-1119.763 χ^2 /NDF: 3.5/9

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 2077.333+/-0.856 χ^2/NDF : 221830.0/7

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

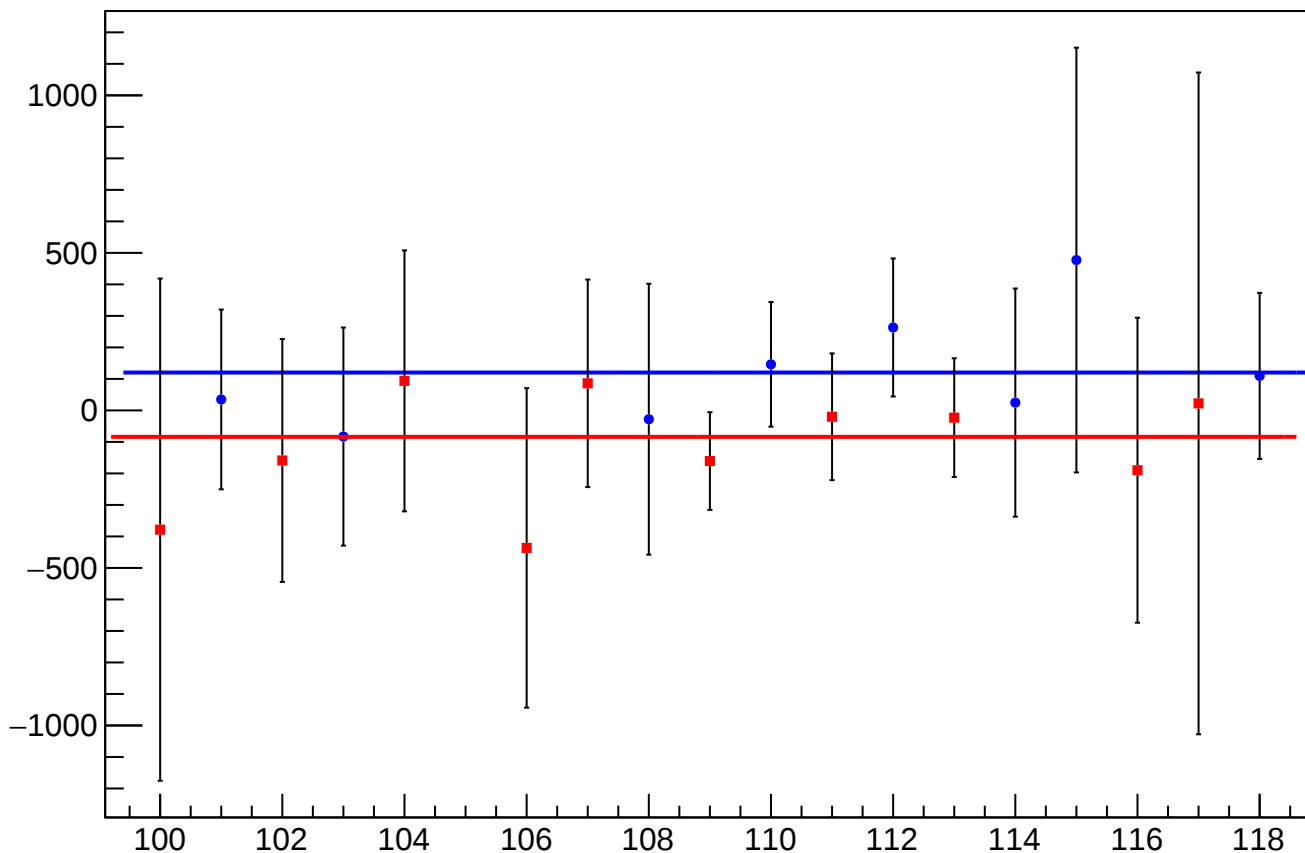
2077.333+/-0.856 χ^2/NDF : 221830.0/7

Right Out: 2006.397+/-0.792 χ^2/NDF : 149719.4/9

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

2006.397+/-0.792 χ^2/NDF : 149719.4/9

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 120.236 $\pm$ 101.713 χ^2 /NDF: 1.3/7

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

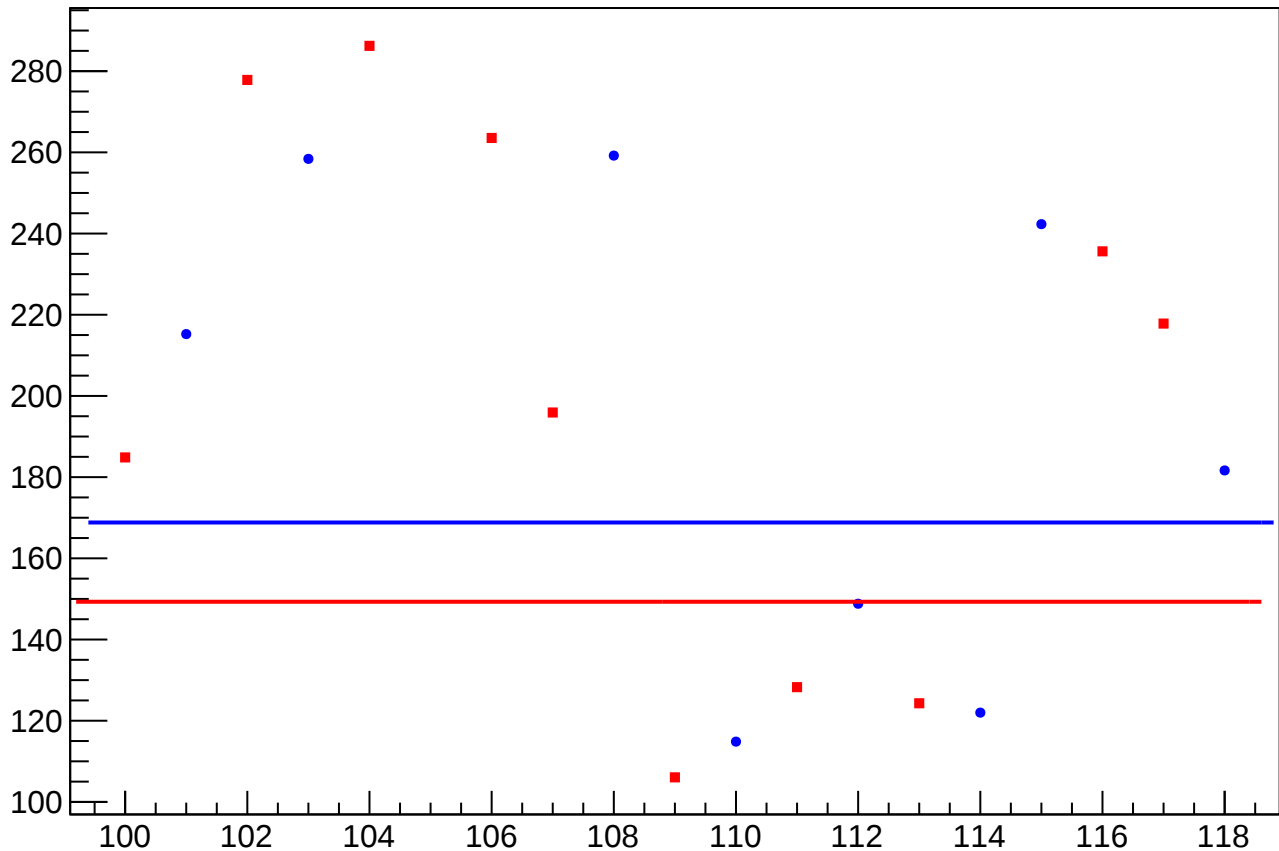
Right Out: -83.884 $\pm$ 88.764 χ^2 /NDF: 1.6/9

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

120.236 $\pm$ 101.713 χ^2 /NDF: 1.3/7

-83.884 $\pm$ 88.764 χ^2 /NDF: 1.6/9

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 168.827+/-0.072 χ^2/NDF : 502739.6/7

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

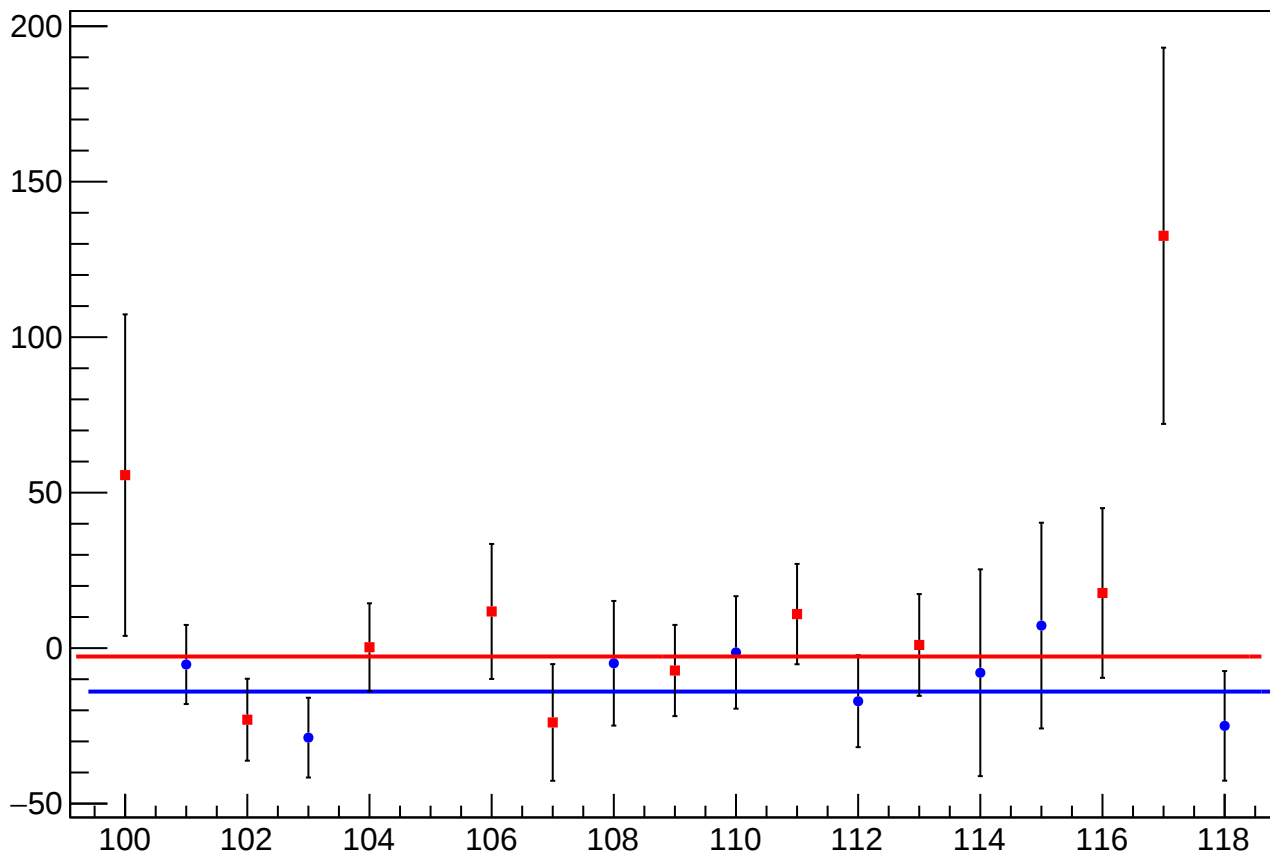
Right Out: 149.306+/-0.063 χ^2/NDF : 871532.9/9

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

168.827+/-0.072 χ^2/NDF : 502739.6/7

149.306+/-0.063 χ^2/NDF : 871532.9/9

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -13.972 $\pm$ 6.039 χ^2 /NDF: 3.4/7

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

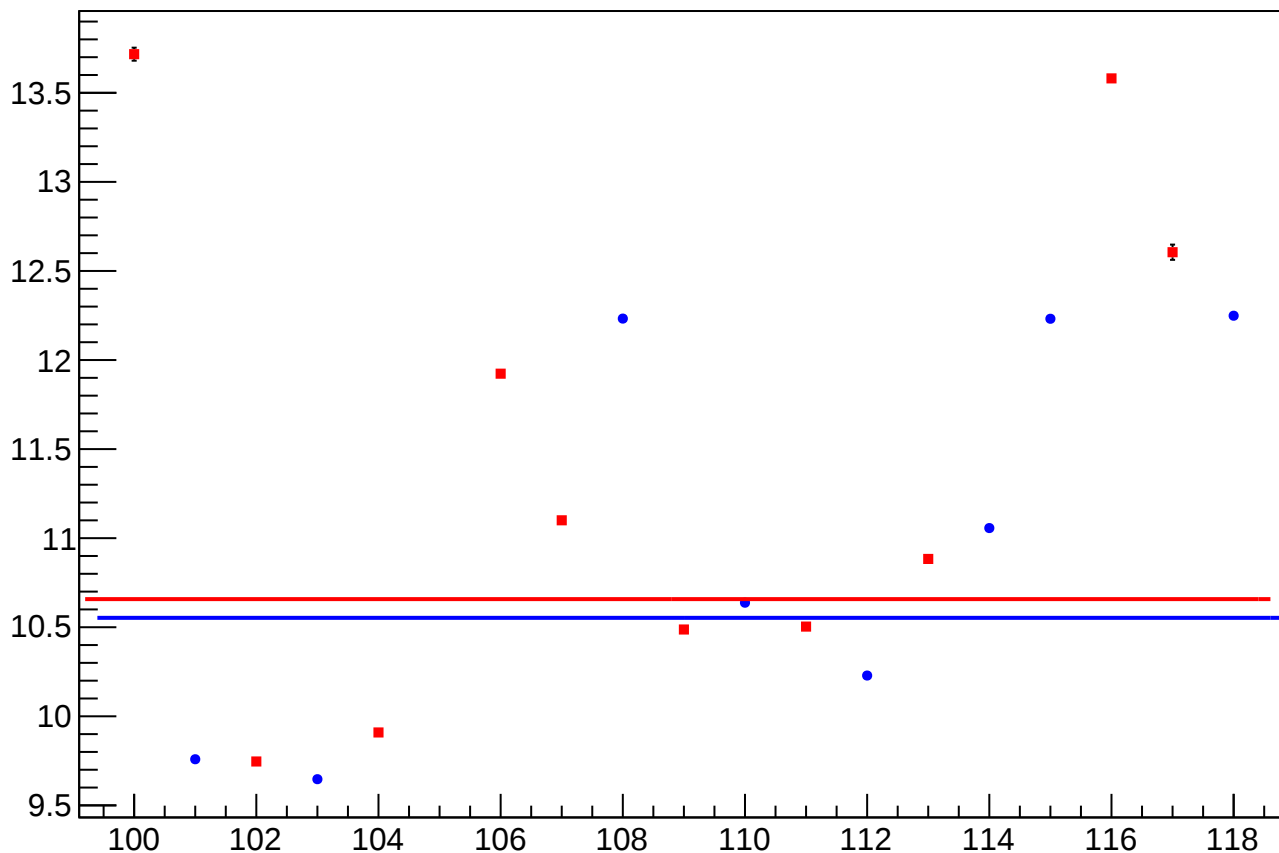
Right Out: -2.698 $\pm$ 5.779 χ^2 /NDF: 11.8/9

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

-13.972 $\pm$ 6.039 χ^2 /NDF: 3.4/7

-2.698 $\pm$ 5.779 χ^2 /NDF: 11.8/9

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.553+/-0.004 χ^2/NDF : 56960.6/7

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

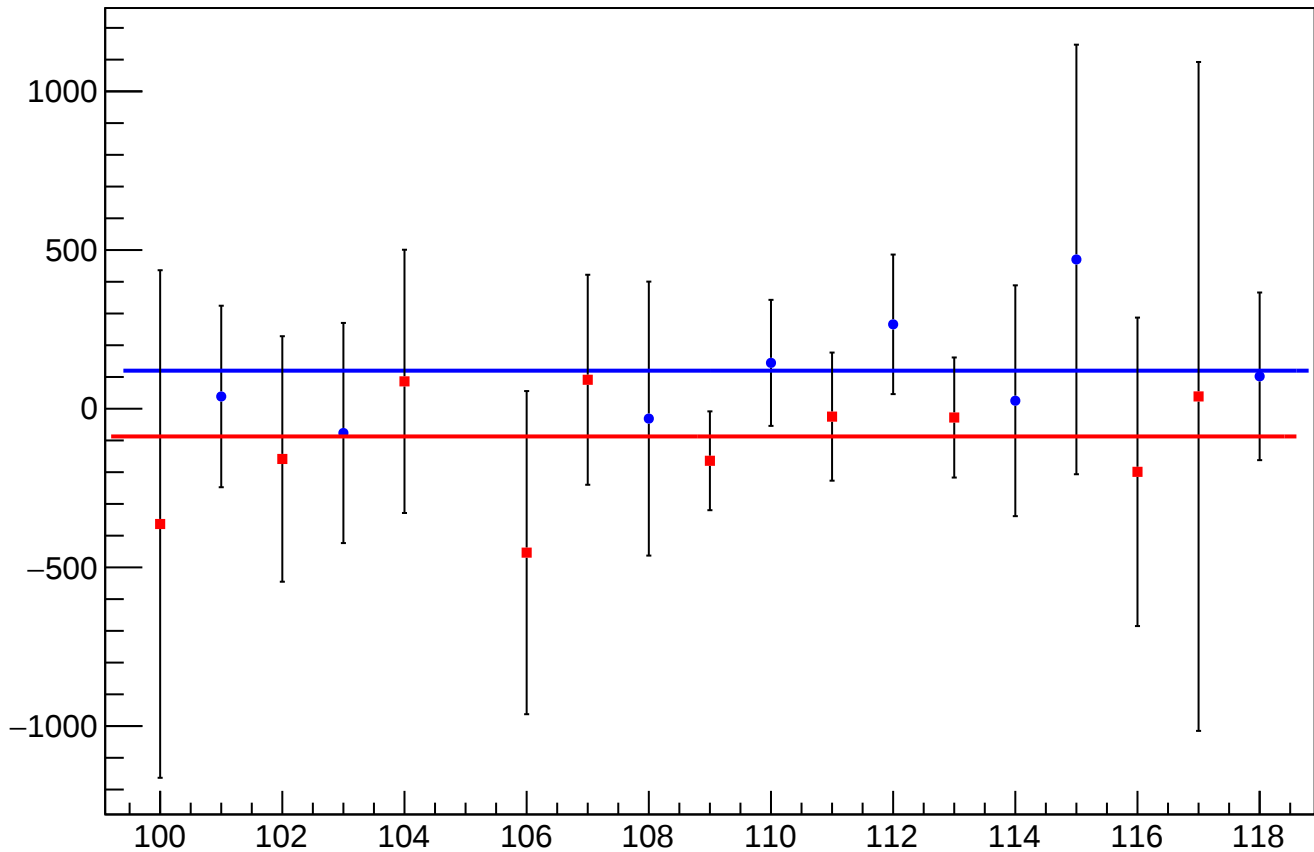
Right Out: 10.658+/-0.004 χ^2/NDF : 55950.3/9

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

10.553+/-0.004 χ^2/NDF : 56960.6/7

10.658+/-0.004 χ^2/NDF : 55950.3/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 119.880 $\pm$ 102.043 χ^2 /NDF: 1.3/7

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

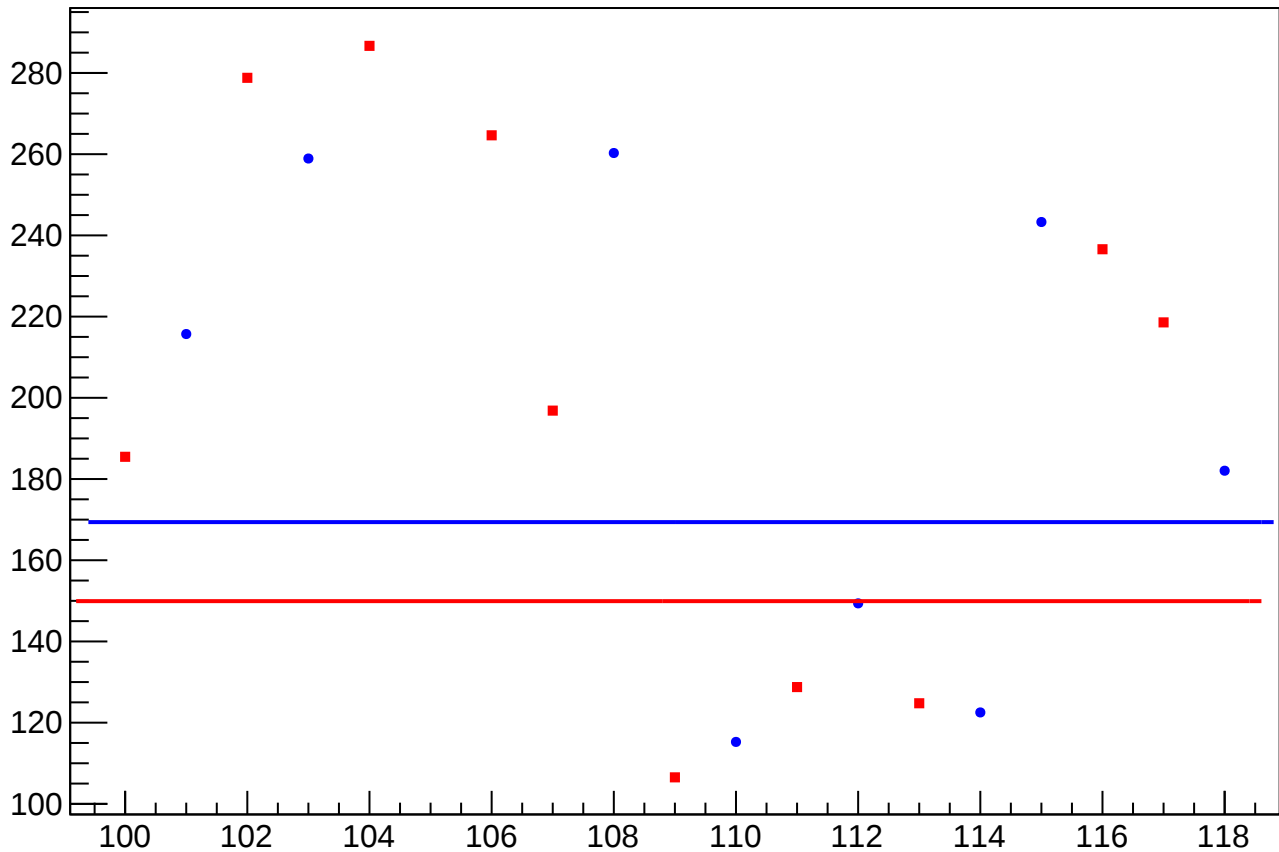
Right Out: -87.370 $\pm$ 89.121 χ^2 /NDF: 1.6/9

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

119.880 $\pm$ 102.043 χ^2 /NDF: 1.3/7

-87.370 $\pm$ 89.121 χ^2 /NDF: 1.6/9

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 169.390+/-0.072 χ^2/NDF : 501292.8/7

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

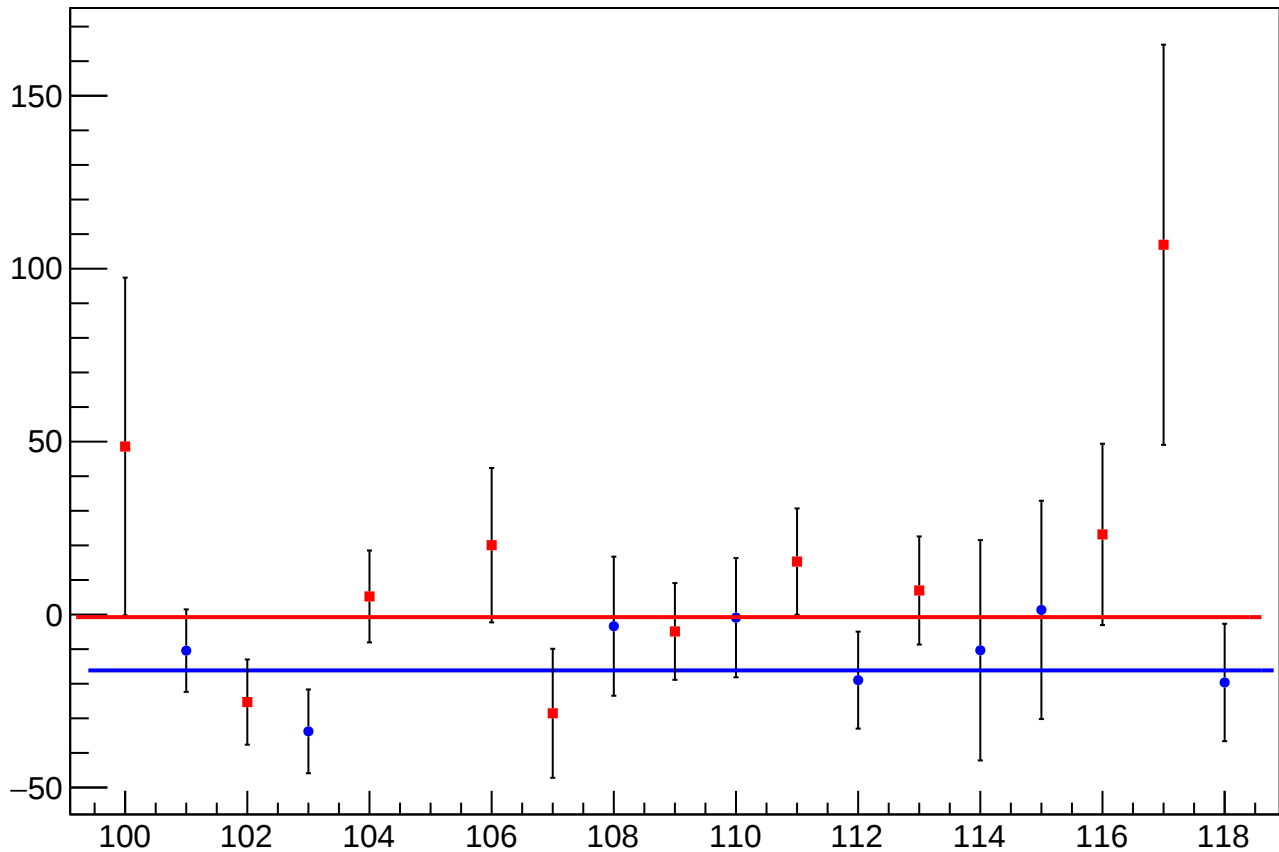
Right Out: 149.928+/-0.063 χ^2/NDF : 869844.1/9

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

169.390+/-0.072 χ^2/NDF : 501292.8/7

149.928+/-0.063 χ^2/NDF : 869844.1/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -16.146+/-5.752 χ^2/NDF : 4.0/7

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

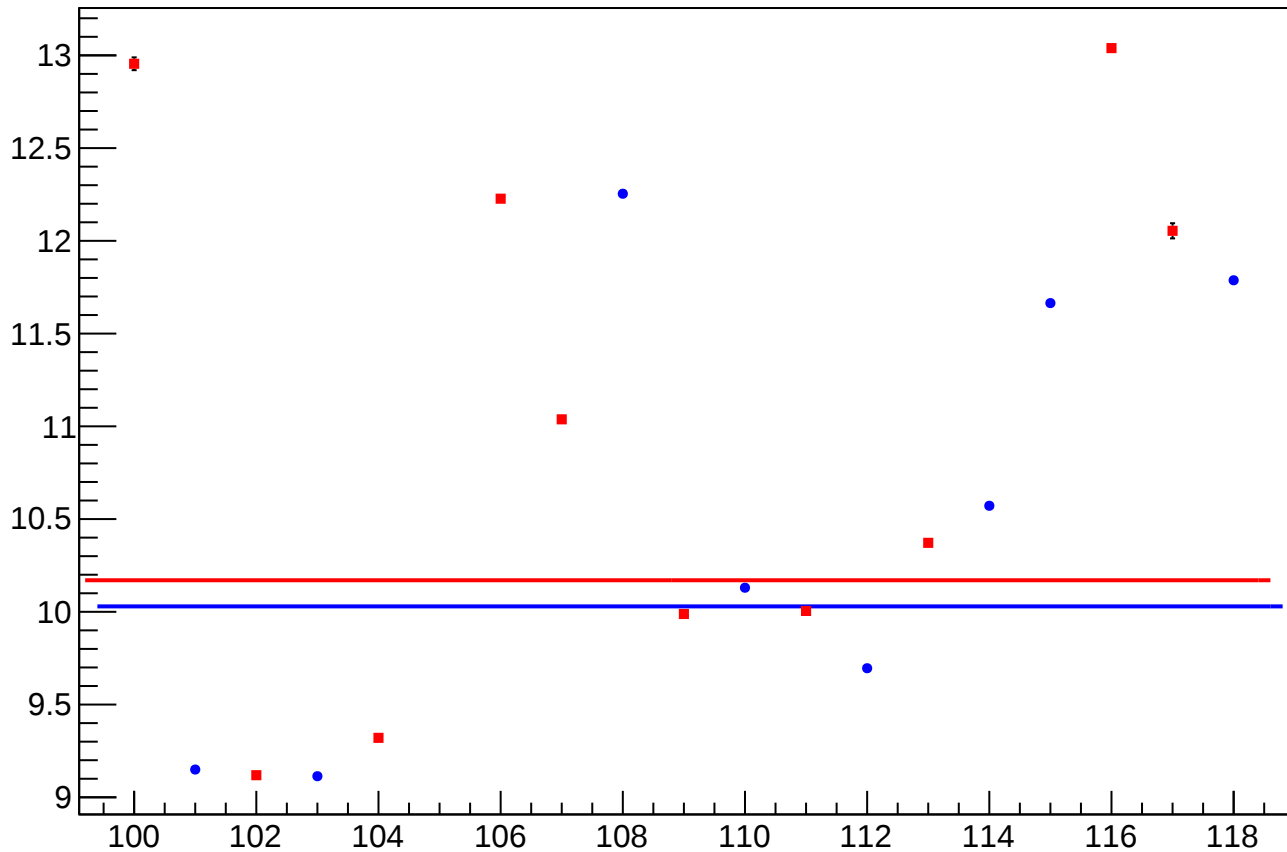
Right Out: -0.740+/-5.527 χ^2/NDF : 14.0/9

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

-16.146+/-5.752 χ^2/NDF : 4.0/7

-0.740+/-5.527 χ^2/NDF : 14.0/9

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.029+/-0.004 χ^2/NDF : 75353.3/7

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

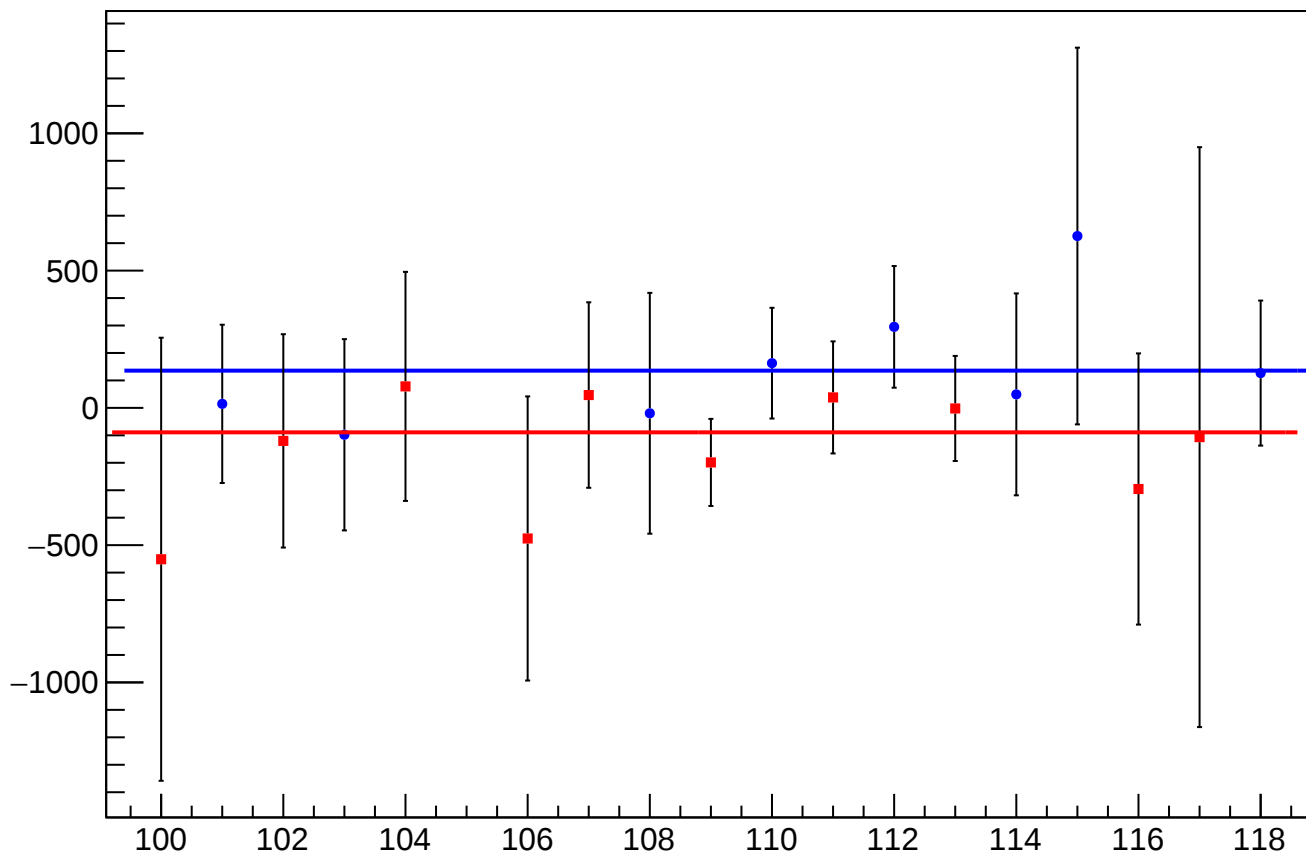
Right Out: 10.170+/-0.004 χ^2/NDF : 77500.1/9

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

10.029+/-0.004 χ^2/NDF : 75353.3/7

10.170+/-0.004 χ^2/NDF : 77500.1/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 135.652 $\pm$ 102.991 χ^2 /NDF: 1.9/7

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

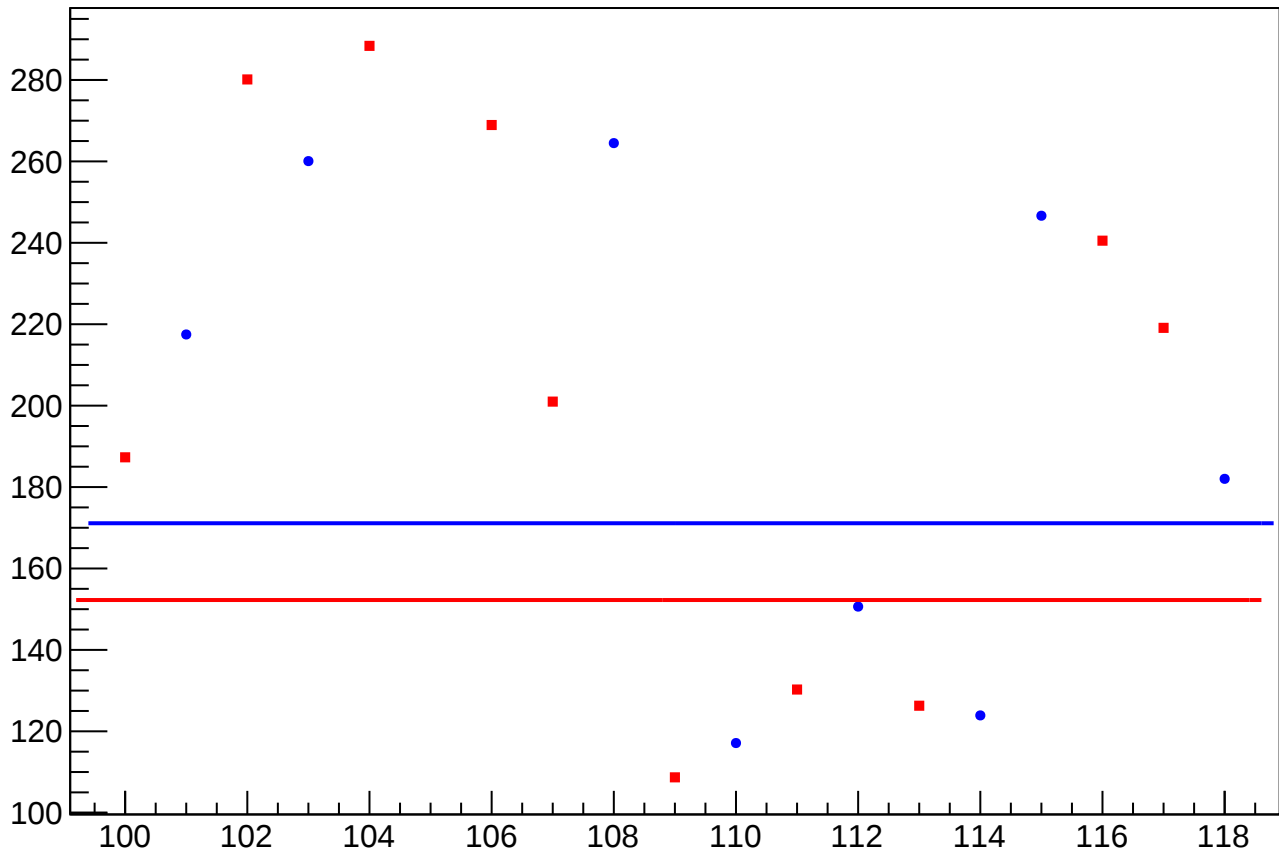
Right Out: -89.090 $\pm$ 90.373 χ^2 /NDF: 2.5/9

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

135.652 $\pm$ 102.991 χ^2 /NDF: 1.9/7

-89.090 $\pm$ 90.373 χ^2 /NDF: 2.5/9

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 171.111+/-0.073 χ^2/NDF : 493899.9/7

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

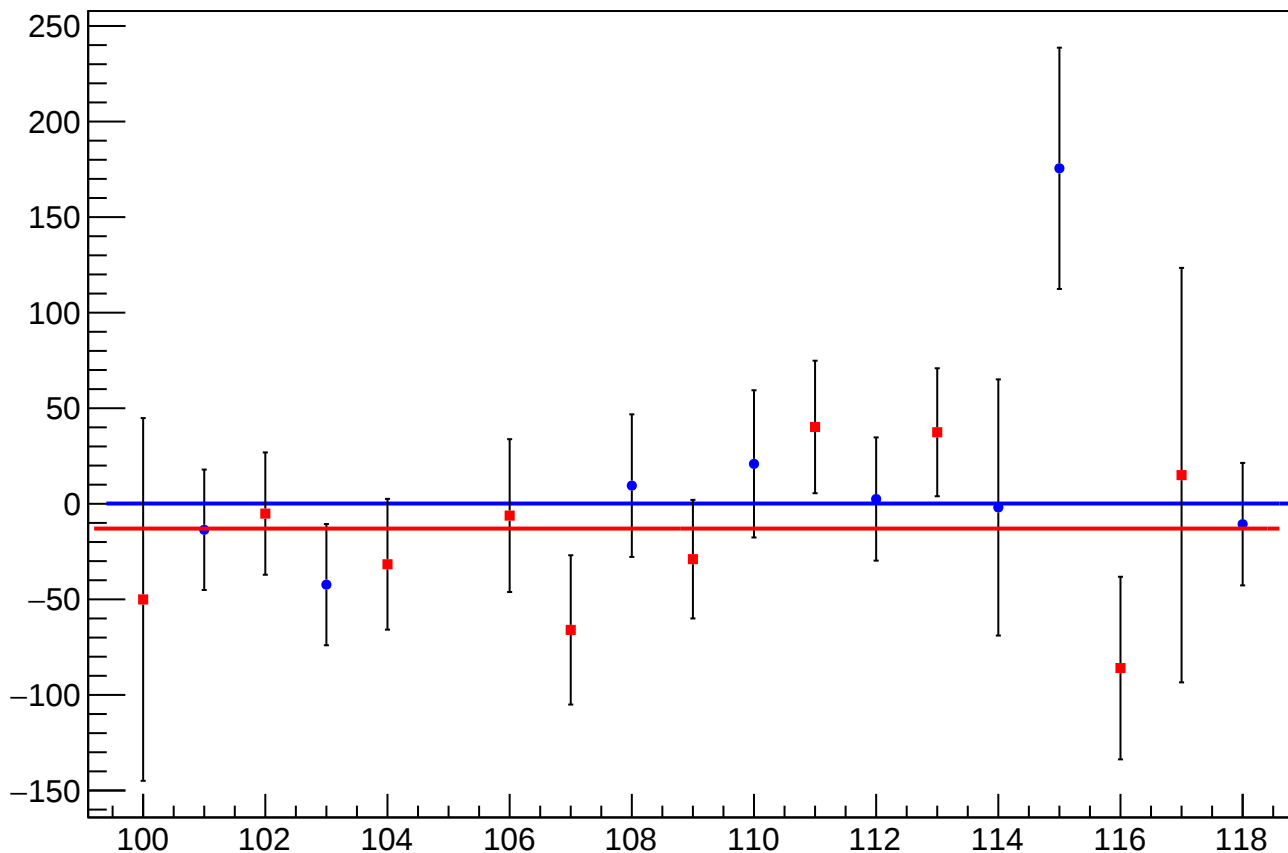
Right Out: 152.252+/-0.064 χ^2/NDF : 859406.0/9

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

171.111+/-0.073 χ^2/NDF : 493899.9/7

152.252+/-0.064 χ^2/NDF : 859406.0/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: 0.137+/-13.125 χ^2/NDF : 10.2/7

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

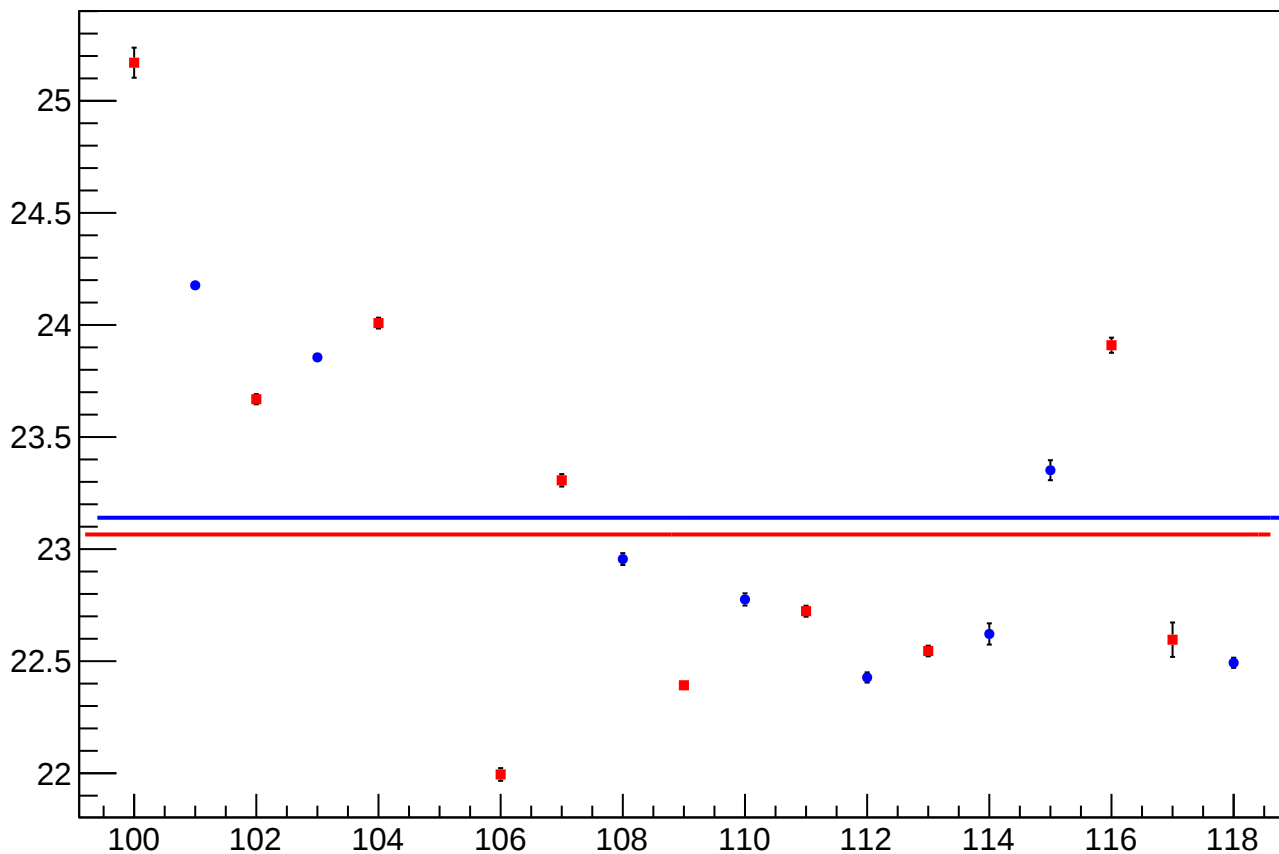
Right Out: -12.960+/-12.394 χ^2/NDF : 9.7/9

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

0.137+/-13.125 χ^2/NDF : 10.2/7

-12.960+/-12.394 χ^2/NDF : 9.7/9

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 23.140+/-0.009 χ^2/NDF : 5347.7/7

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

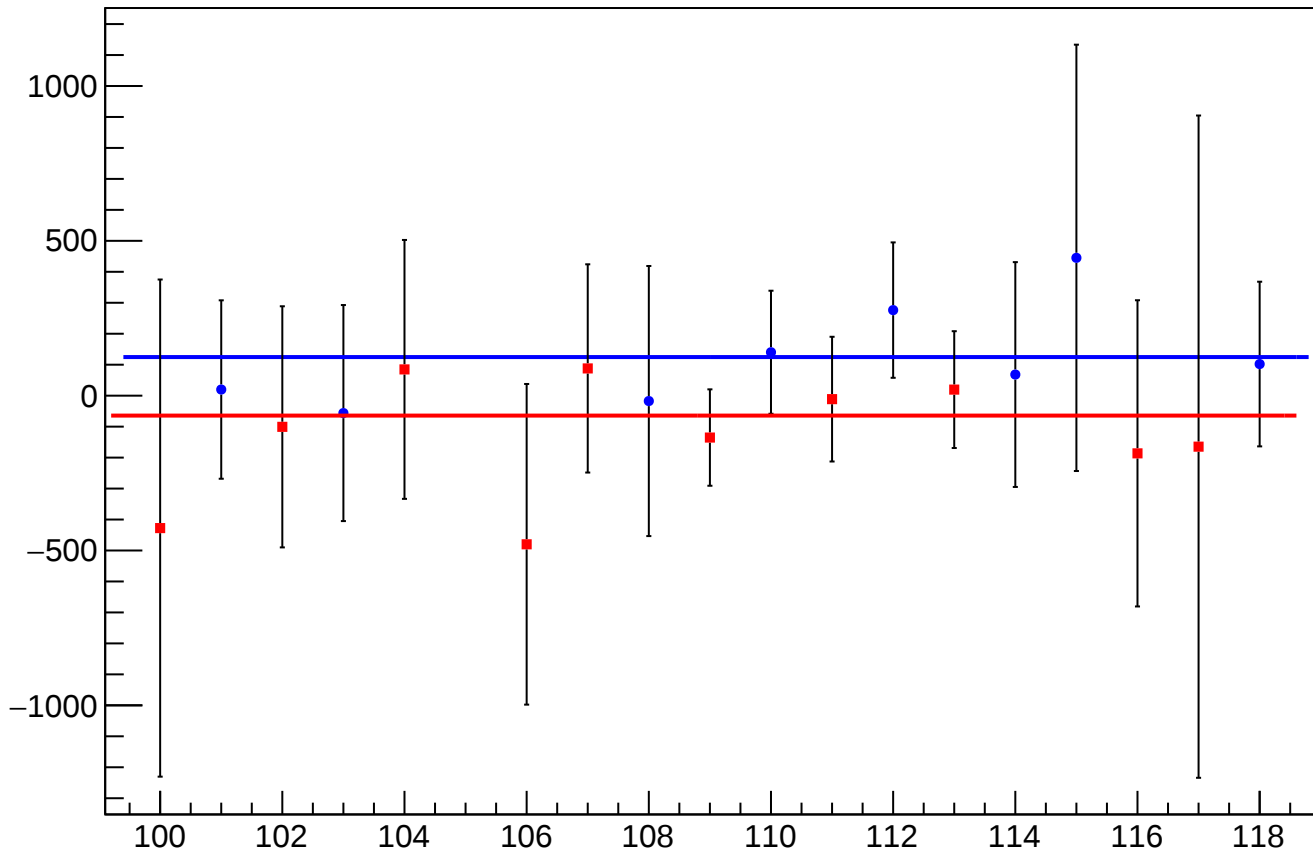
Right Out: 23.065+/-0.009 χ^2/NDF : 7005.1/9

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

23.140+/-0.009 χ^2/NDF : 5347.7/7

23.065+/-0.009 χ^2/NDF : 7005.1/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 124.665 $\pm$ 102.261 χ^2 /NDF: 1.2/7

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

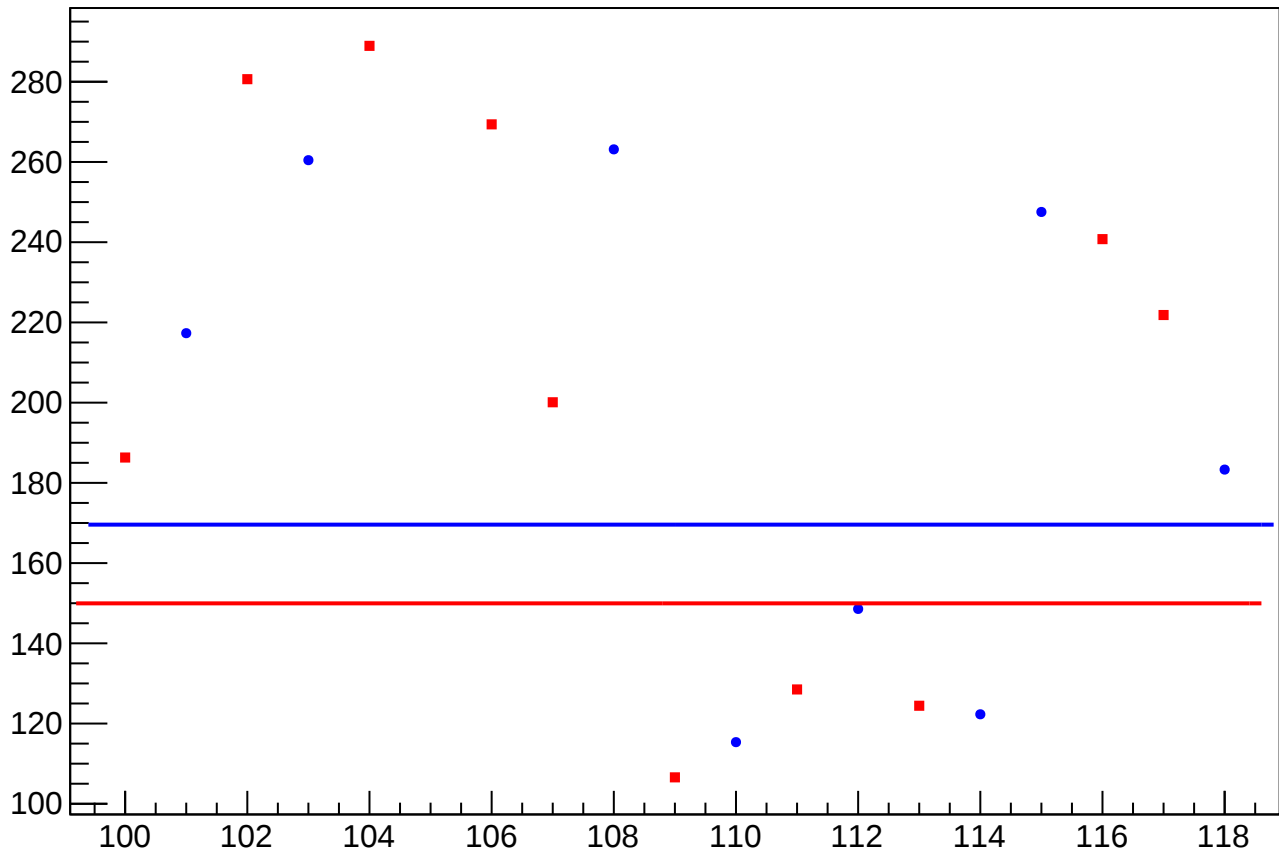
Right Out: -64.322 $\pm$ 89.281 χ^2 /NDF: 1.7/9

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

124.665 $\pm$ 102.261 χ^2 /NDF: 1.2/7

-64.322 $\pm$ 89.281 χ^2 /NDF: 1.7/9

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 169.589+/-0.072 χ^2/NDF : 514984.6/7

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

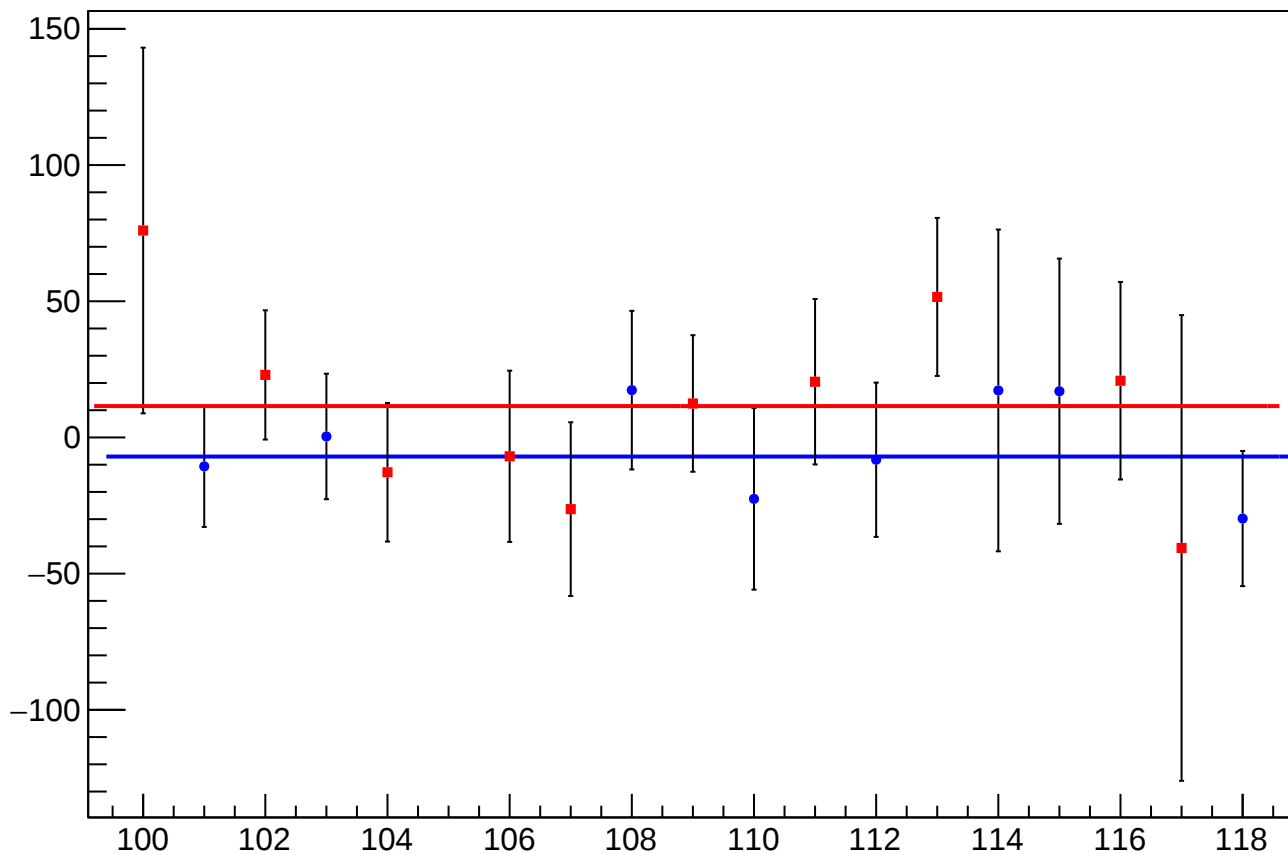
Right Out: 149.964+/-0.063 χ^2/NDF : 892499.6/9

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

169.589+/-0.072 χ^2/NDF : 514984.6/7

149.964+/-0.063 χ^2/NDF : 892499.6/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.011+/-10.224 χ^2/NDF : 2.3/7

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

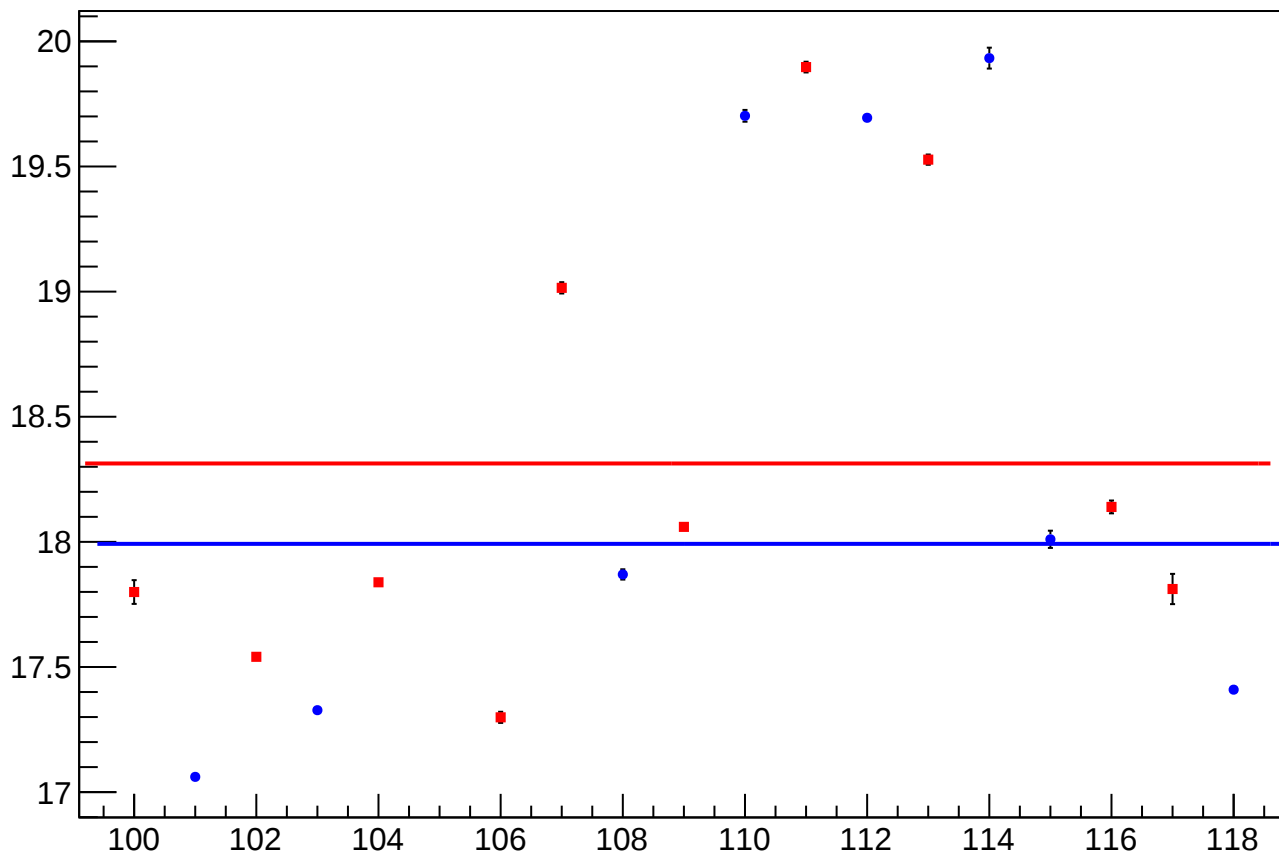
Right Out: 11.520+/-9.854 χ^2/NDF : 6.3/9

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

-7.011+/-10.224 χ^2/NDF : 2.3/7

11.520+/-9.854 χ^2/NDF : 6.3/9

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.992 $\pm$ 0.007 χ^2 /NDF: 20965.3/7

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

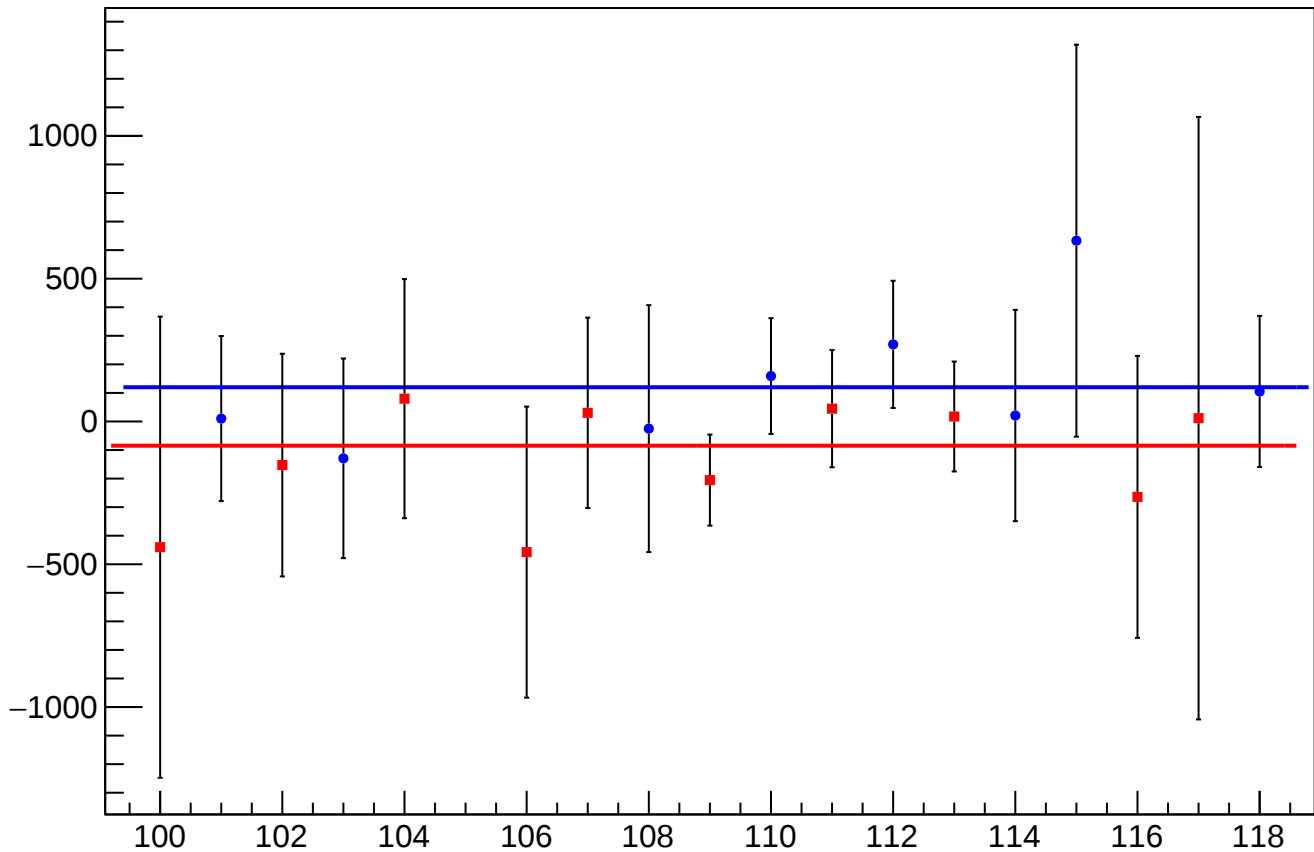
Right Out: 18.313 $\pm$ 0.007 χ^2 /NDF: 15249.1/9

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

17.992 $\pm$ 0.007 χ^2 /NDF: 20965.3/7

18.313 $\pm$ 0.007 χ^2 /NDF: 15249.1/9

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 119.890+/-103.310 χ^2/NDF : 1.9/7

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

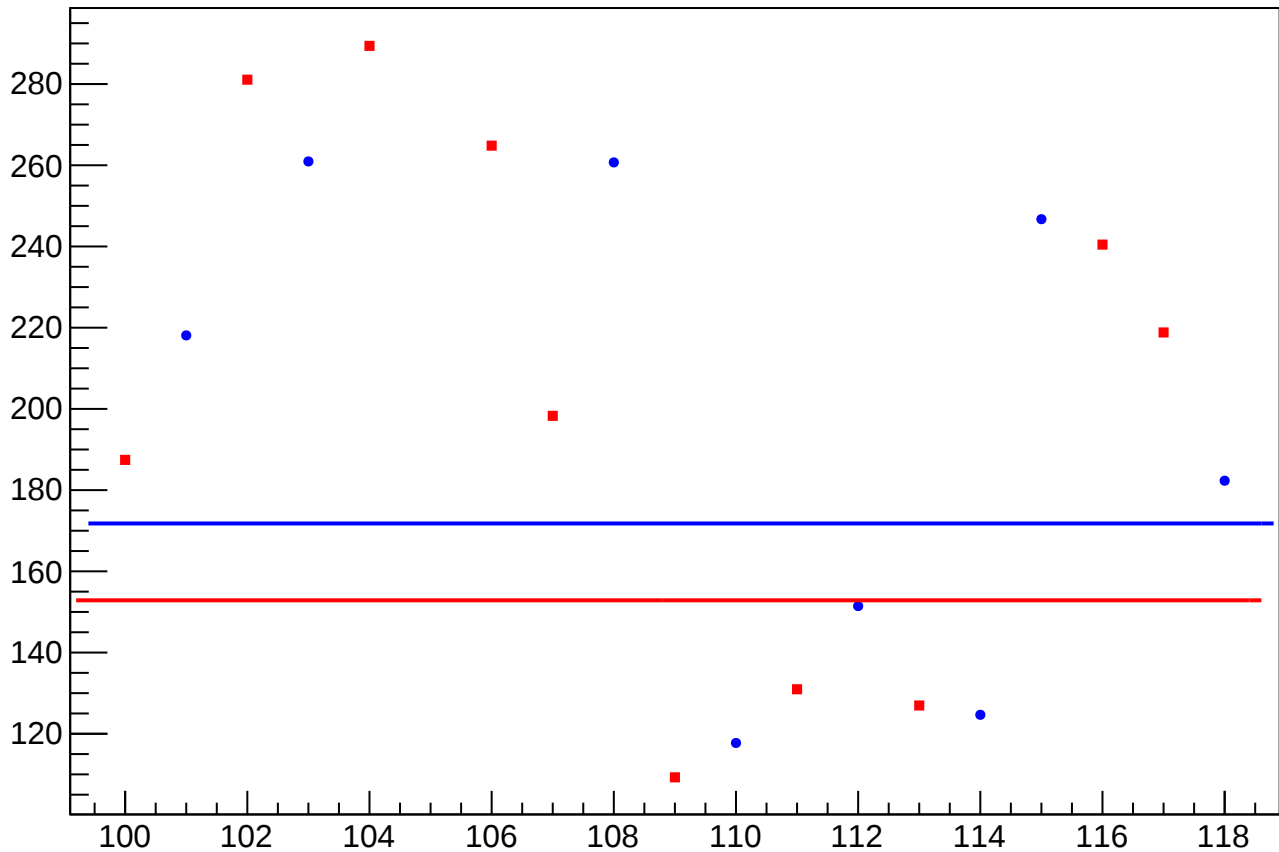
Right Out: -84.808+/-90.627 χ^2/NDF : 2.4/9

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

119.890+/-103.310 χ^2/NDF : 1.9/7

-84.808+/-90.627 χ^2/NDF : 2.4/9

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.788+/-0.073 χ^2/NDF : 484391.9/7

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

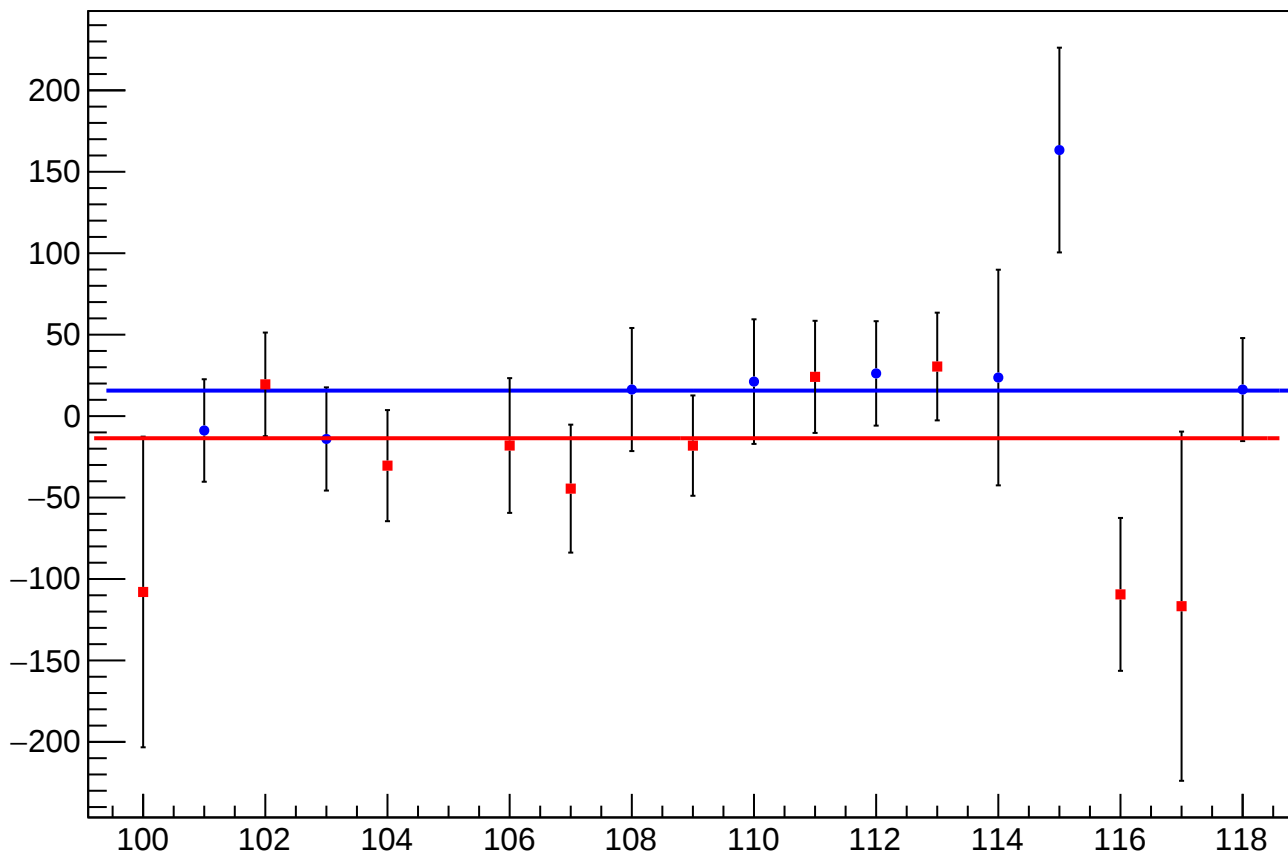
Right Out: 152.864+/-0.064 χ^2/NDF : 845632.2/9

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

171.788+/-0.073 χ^2/NDF : 484391.9/7

152.864+/-0.064 χ^2/NDF : 845632.2/9

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 15.665+/-13.080 χ^2/NDF : 7.1/7

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

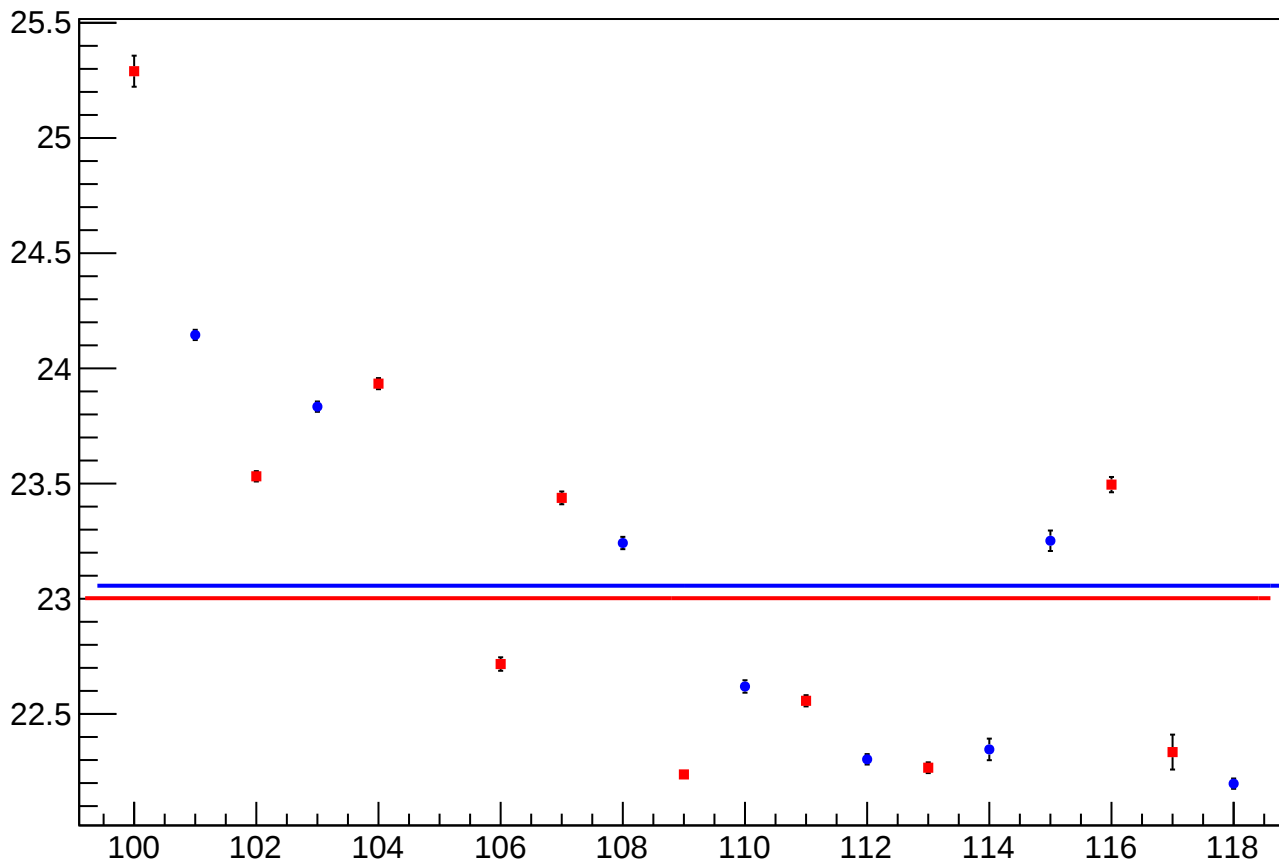
Right Out: -13.582+/-12.360 χ^2/NDF : 11.0/9

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

15.665+/-13.080 χ^2/NDF : 7.1/7

-13.582+/-12.360 χ^2/NDF : 11.0/9

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 23.057+/-0.009 χ^2 /NDF: 6738.7/7

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

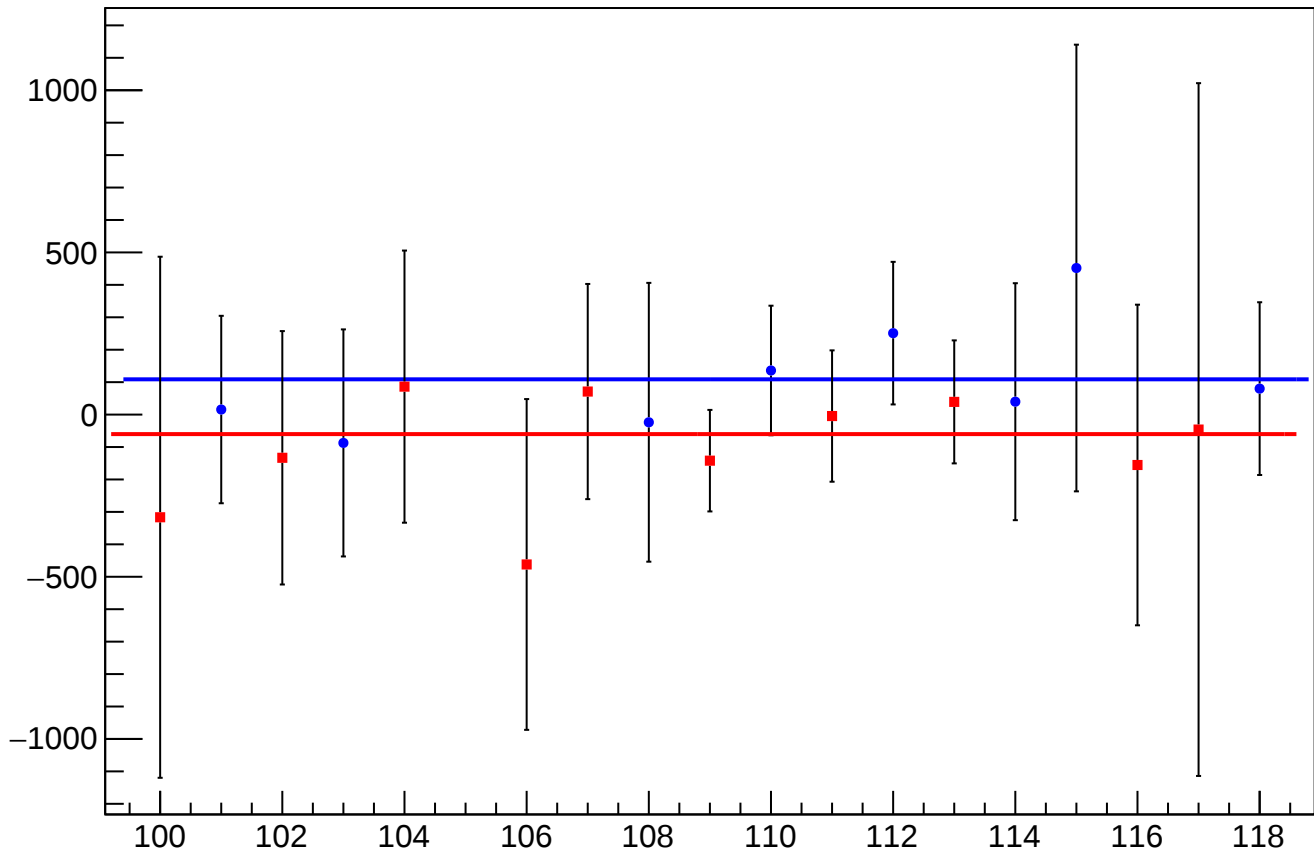
Right Out: 23.002+/-0.009 χ^2 /NDF: 6394.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

23.057+/-0.009 χ^2 /NDF: 6738.7/7

23.002+/-0.009 χ^2 /NDF: 6394.7/9

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 108.737 $\pm$ 102.584 χ^2 /NDF: 1.2/7

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

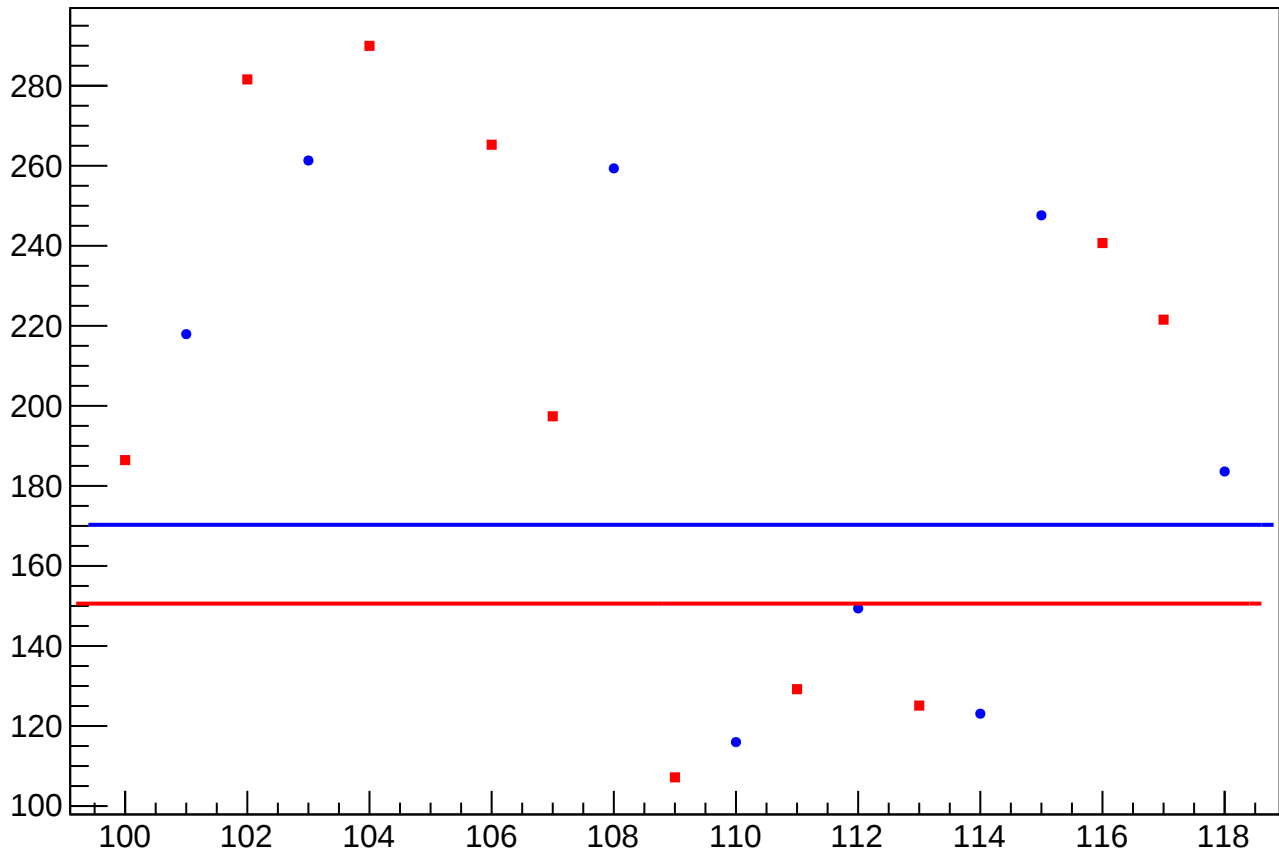
Right Out: -60.141 $\pm$ 89.541 χ^2 /NDF: 1.7/9

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

108.737 $\pm$ 102.584 χ^2 /NDF: 1.2/7

-60.141 $\pm$ 89.541 χ^2 /NDF: 1.7/9

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 170.277+/-0.073 χ^2/NDF : 505116.7/7

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

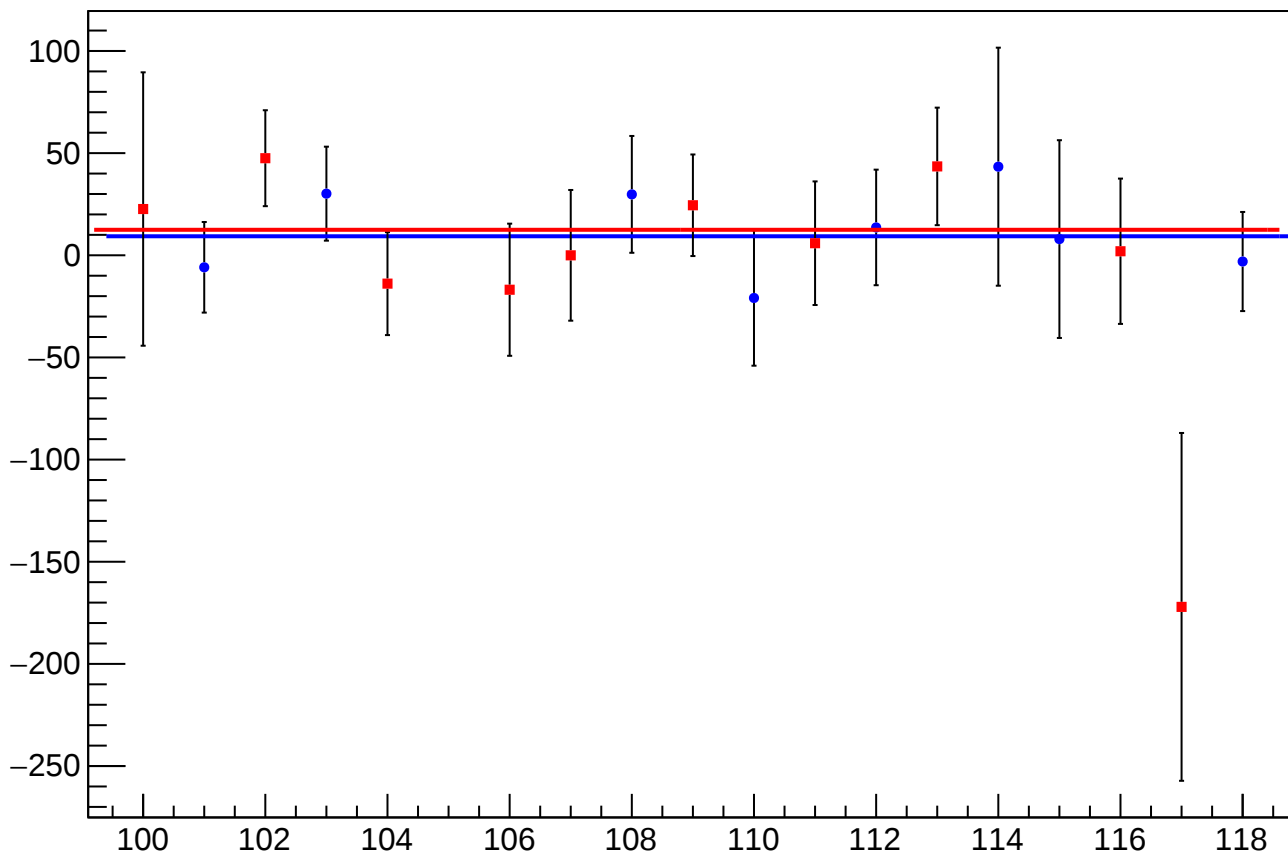
170.277+/-0.073 χ^2/NDF : 505116.7/7

Right Out: 150.591+/-0.063 χ^2/NDF : 878297.4/9

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

150.591+/-0.063 χ^2/NDF : 878297.4/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 9.306+/-10.138 χ^2 /NDF: 3.3/7

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

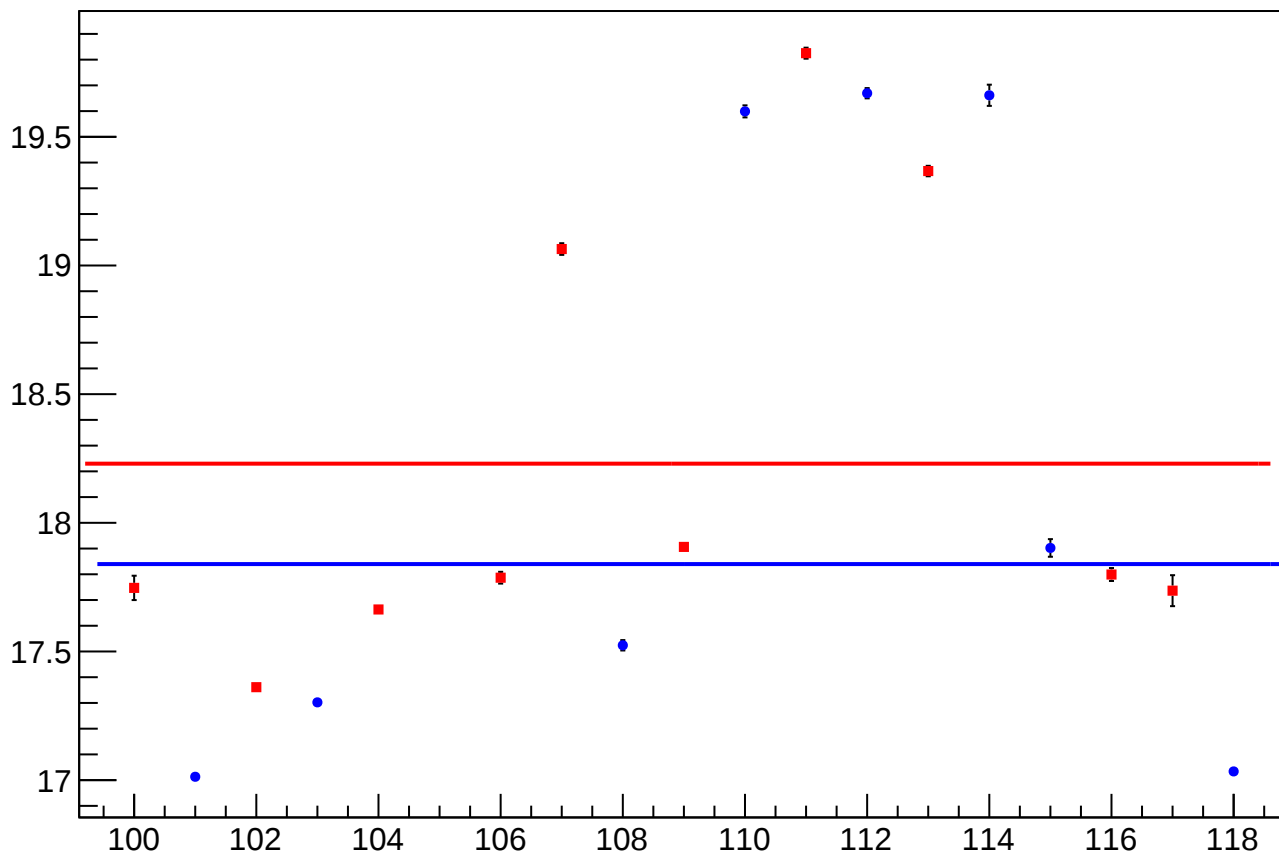
Right Out: 12.482+/-9.808 χ^2 /NDF: 10.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

9.306+/-10.138 χ^2 /NDF: 3.3/7

12.482+/-9.808 χ^2 /NDF: 10.6/9

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.840+/-0.007 χ^2/NDF : 22285.4/7

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

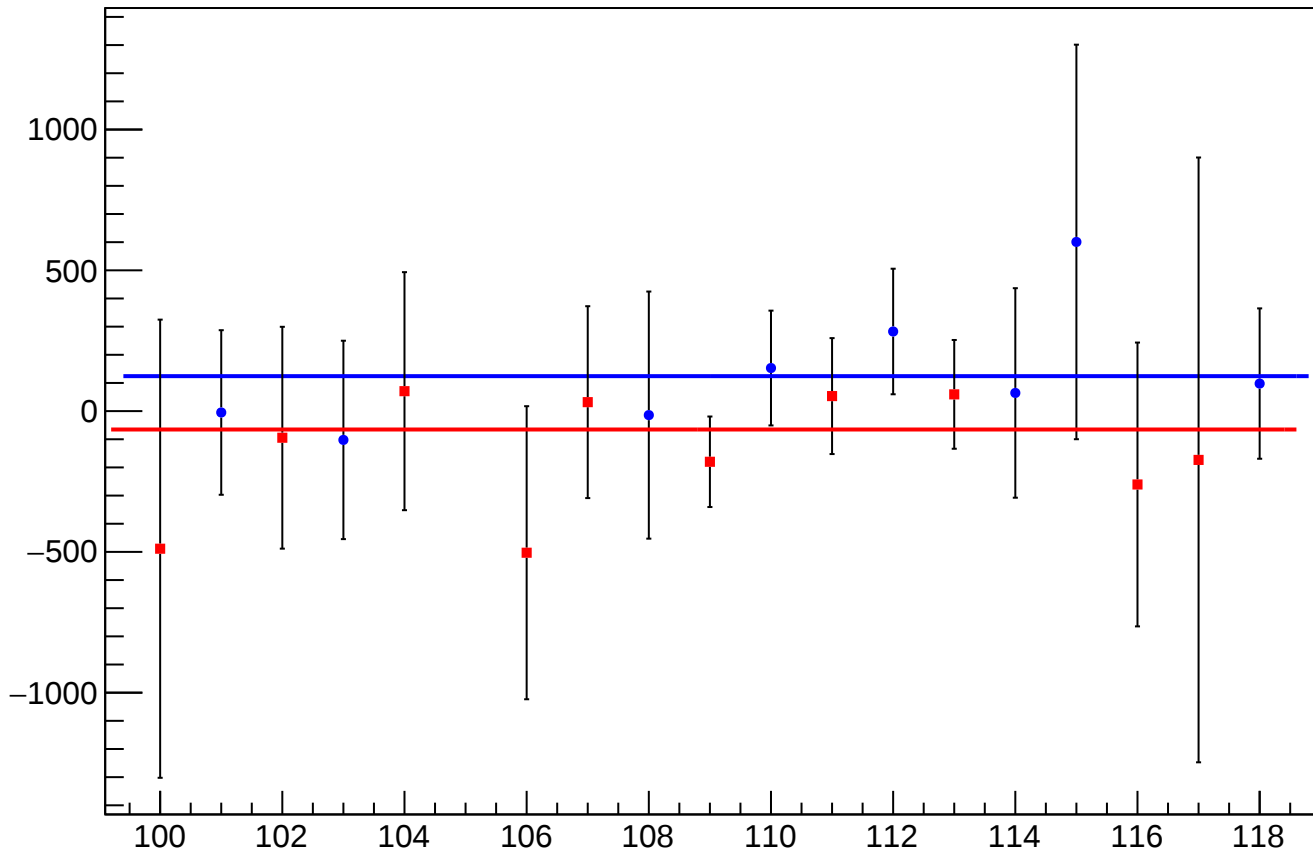
Right Out: 18.230+/-0.007 χ^2/NDF : 14976.6/9

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

17.840+/-0.007 χ^2/NDF : 22285.4/7

18.230+/-0.007 χ^2/NDF : 14976.6/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 124.164 $\pm$ 104.015 χ^2 /NDF: 1.7/7

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

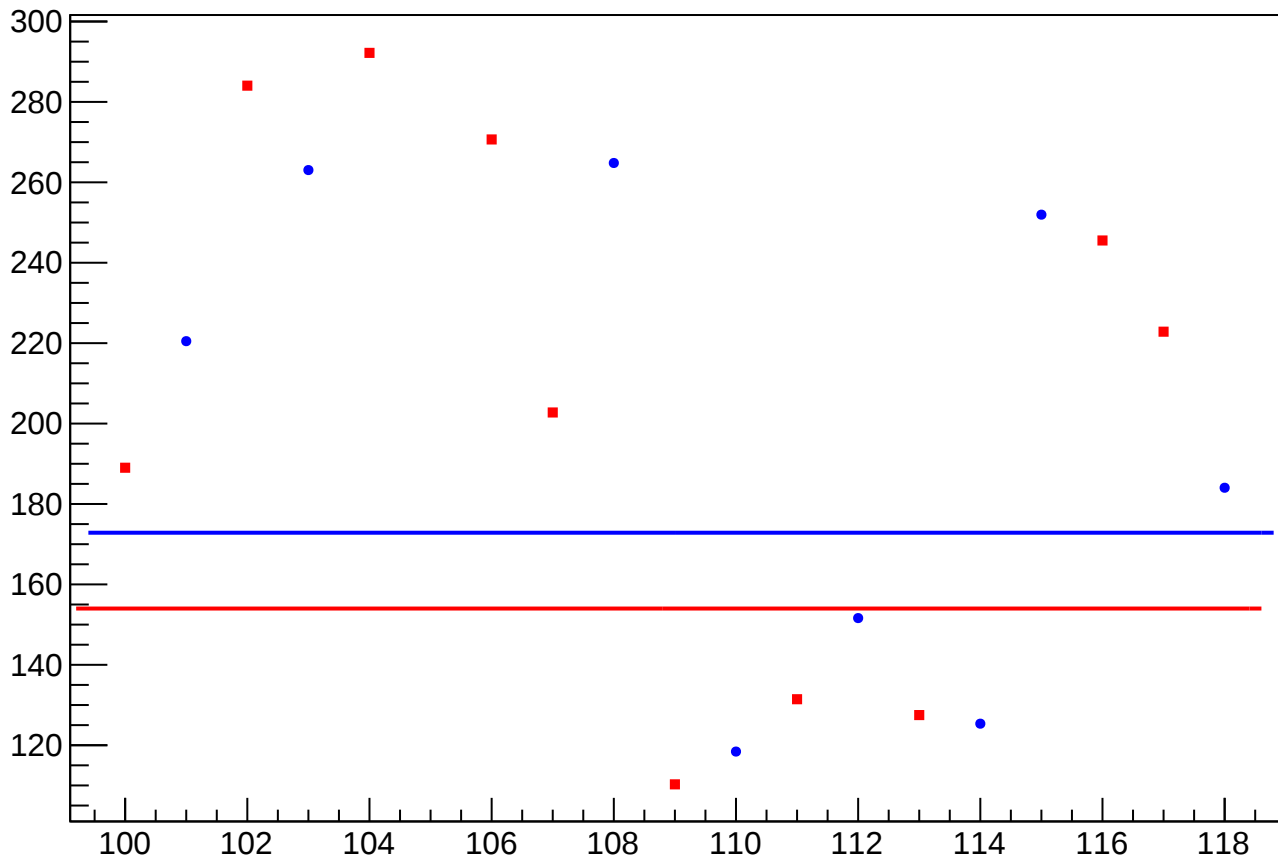
Right Out: -65.313 $\pm$ 91.373 χ^2 /NDF: 2.6/9

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

124.164 $\pm$ 104.015 χ^2 /NDF: 1.7/7

-65.313 $\pm$ 91.373 χ^2 /NDF: 2.6/9

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 172.854+/-0.074 χ^2/NDF : 494403.0/7

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

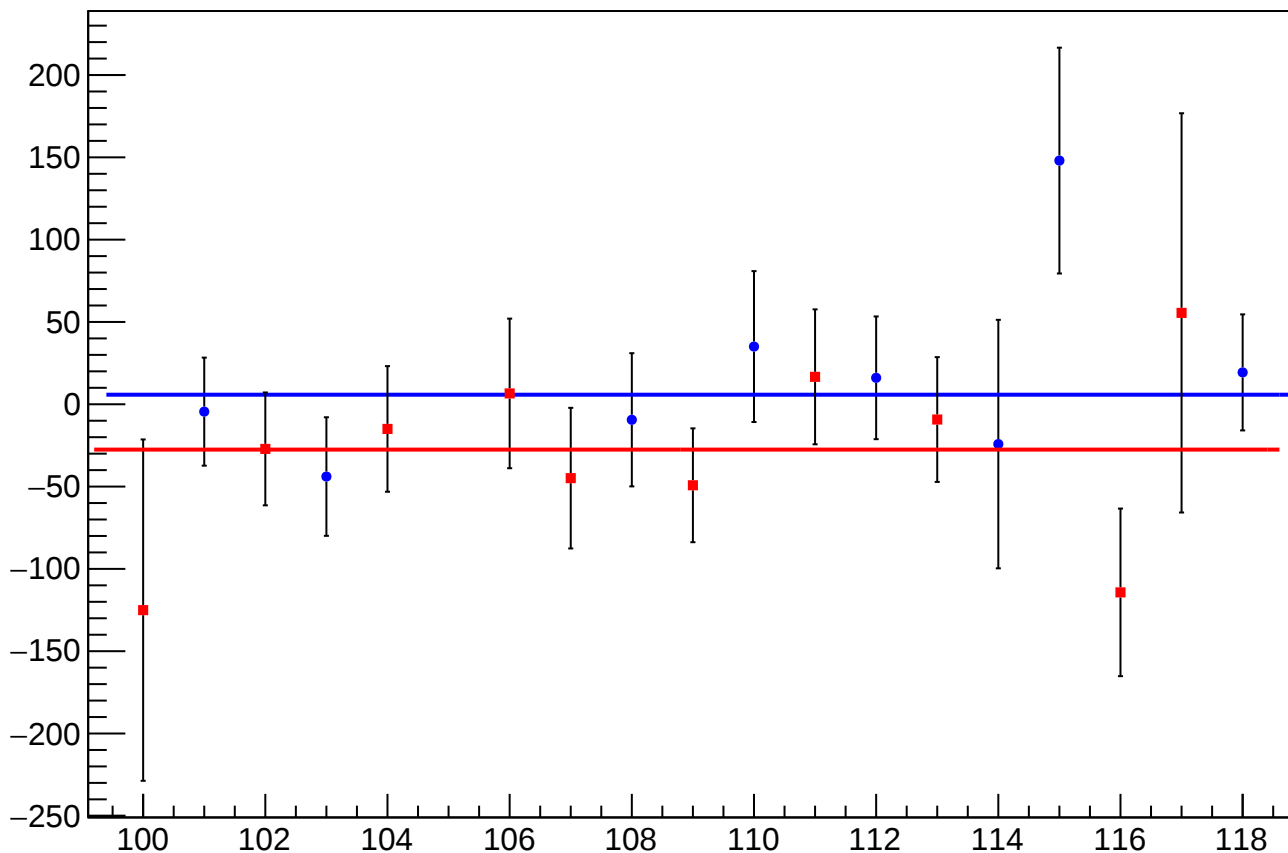
Right Out: 153.997+/-0.065 χ^2/NDF : 860792.1/9

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

172.854+/-0.074 χ^2/NDF : 494403.0/7

153.997+/-0.065 χ^2/NDF : 860792.1/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 5.806+/-14.587 χ^2/NDF : 7.2/7

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

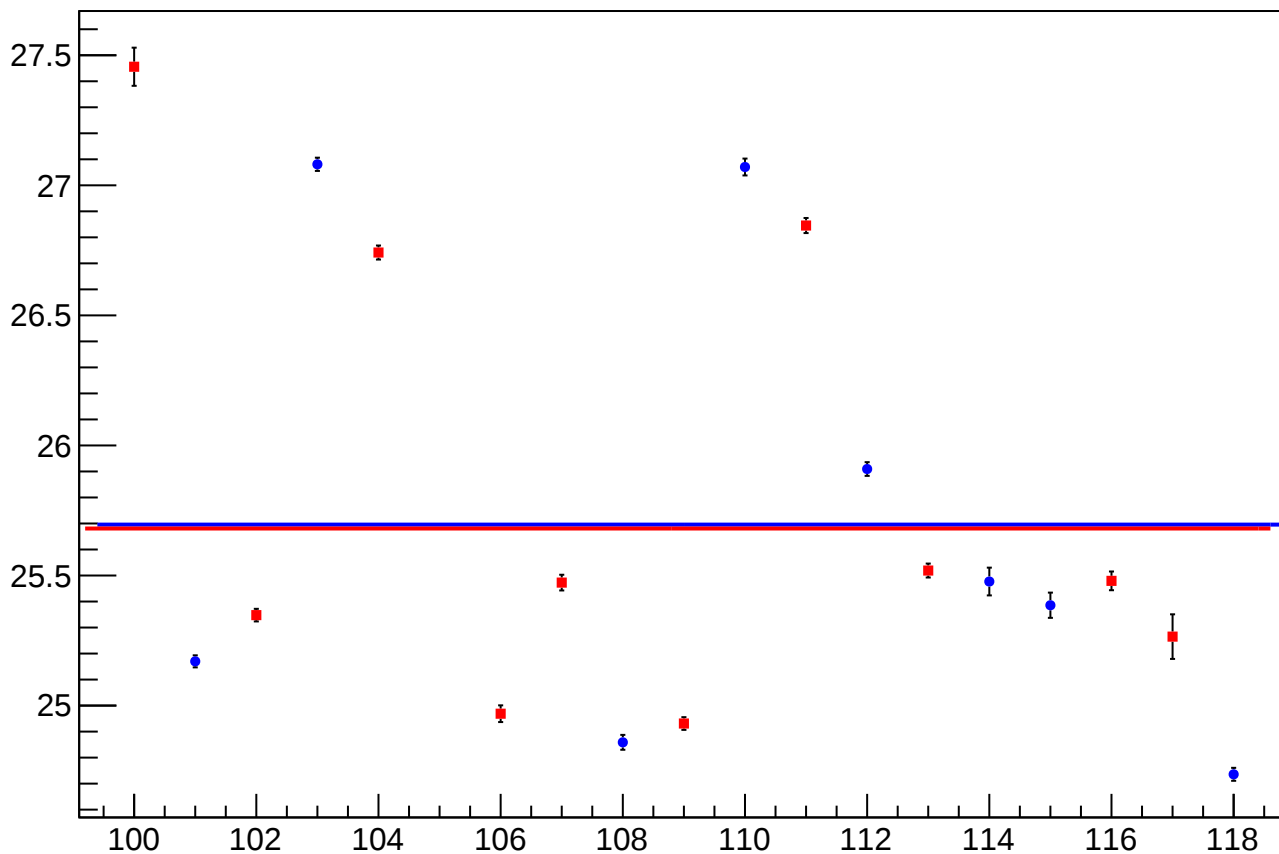
Right Out: -27.537+/-13.808 χ^2/NDF : 6.9/9

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

5.806+/-14.587 χ^2/NDF : 7.2/7

-27.537+/-13.808 χ^2/NDF : 6.9/9

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.696+/-0.010 χ^2 /NDF: 7734.2/7

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

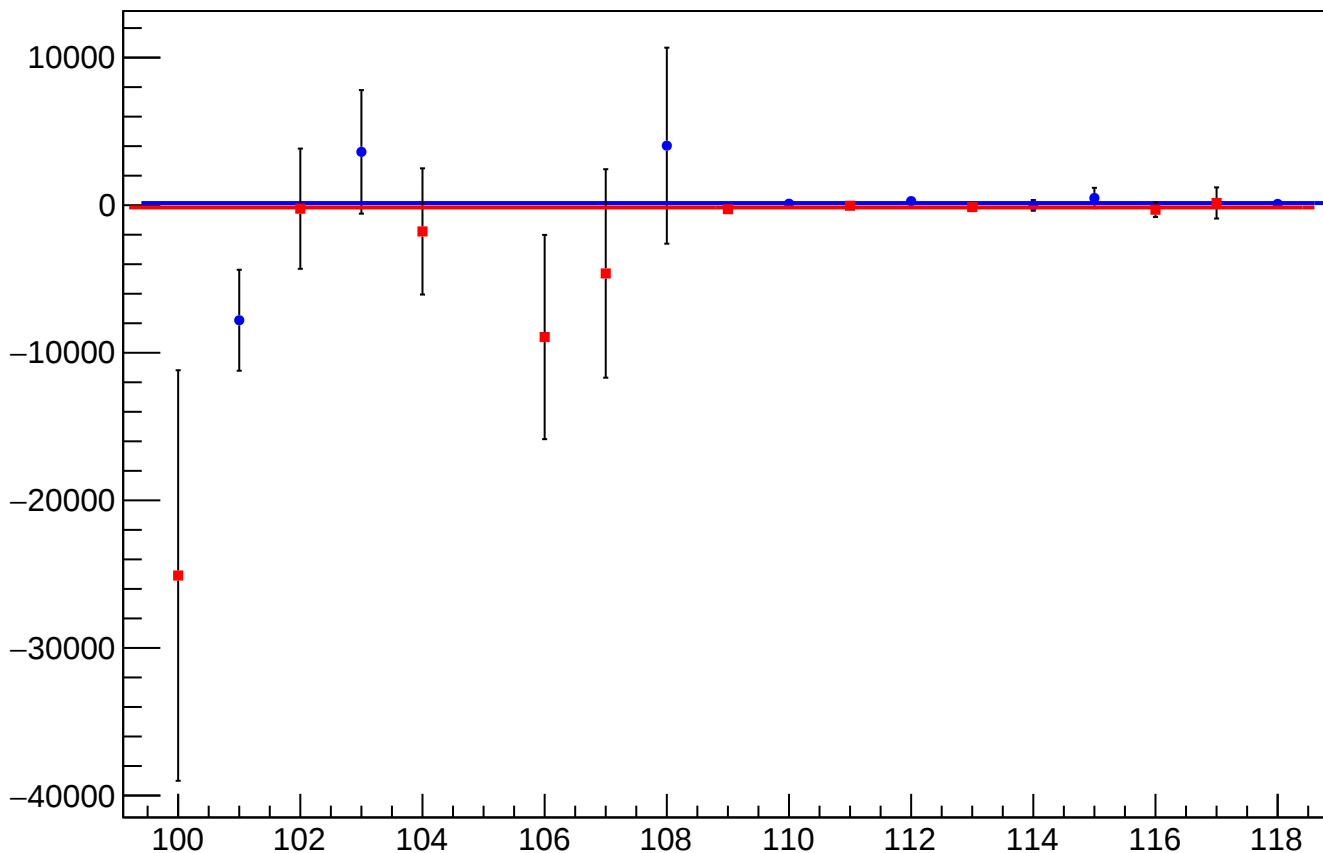
Right Out: 25.681+/-0.010 χ^2 /NDF: 5505.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

25.696+/-0.010 χ^2 /NDF: 7734.2/7

25.681+/-0.010 χ^2 /NDF: 5505.8/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 144.403+/-120.231 χ^2/NDF : 7.3/7

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

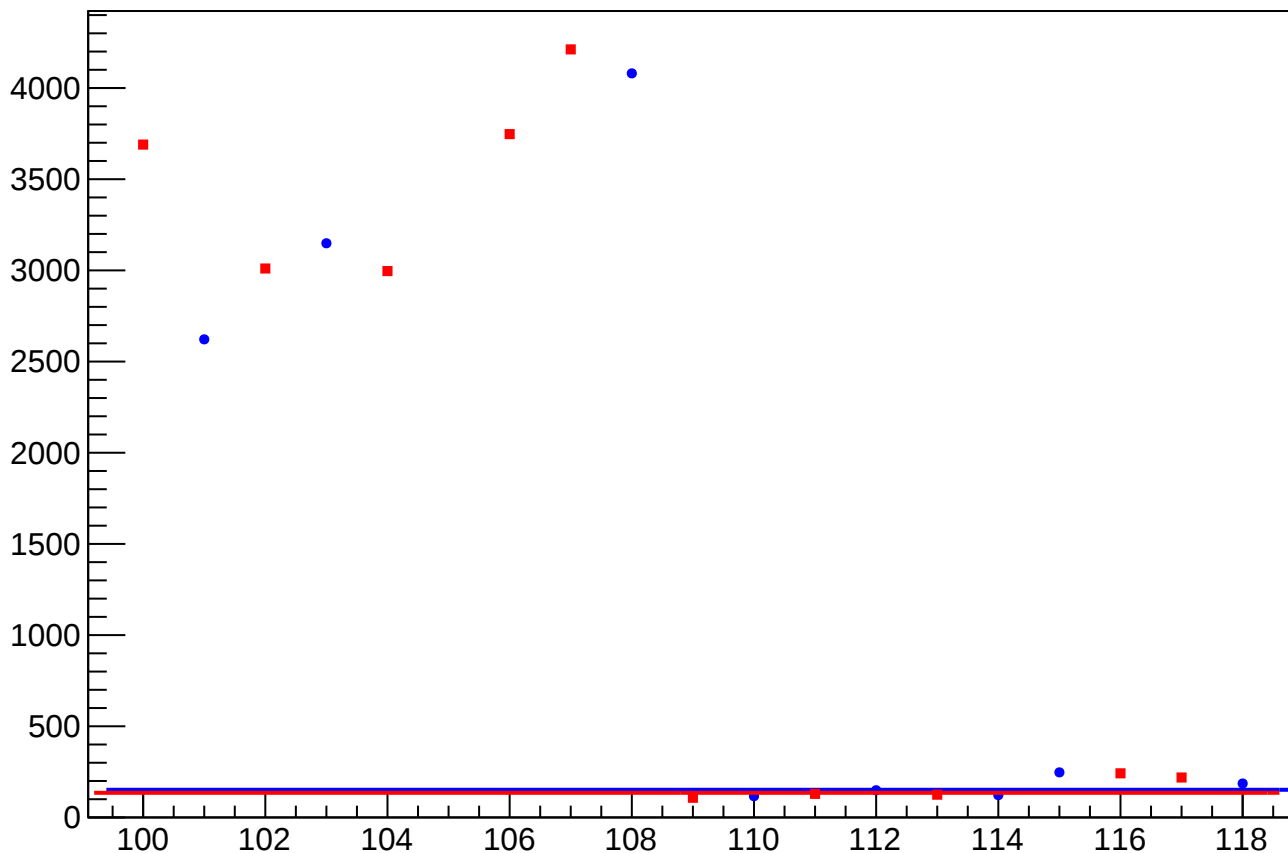
Right Out: -152.052+/-112.570 χ^2/NDF : 6.2/9

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

144.403+/-120.231 χ^2/NDF : 7.3/7

-152.052+/-112.570 χ^2/NDF : 6.2/9

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 151.732+/-0.085 χ^2/NDF : 2914061.7/7

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

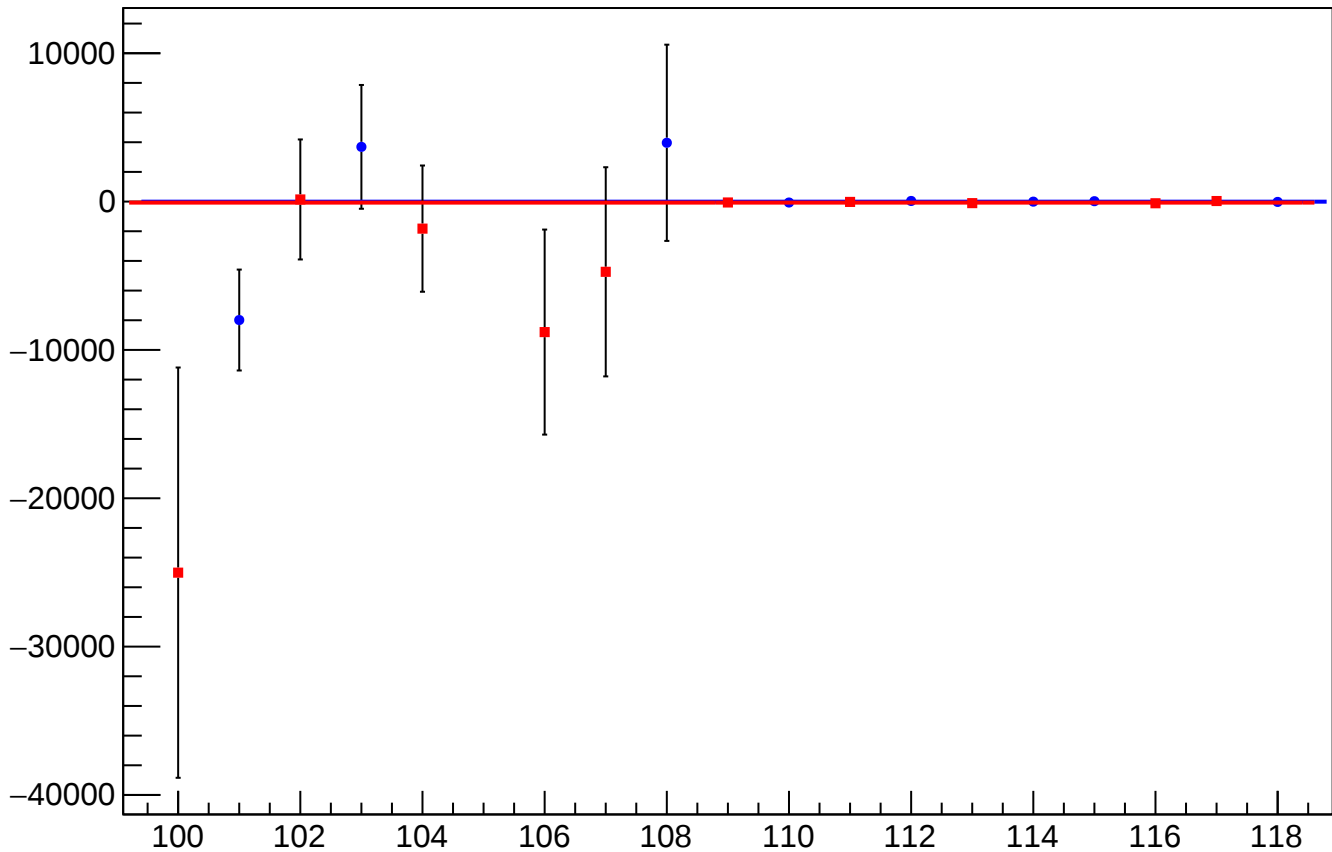
Right Out: 135.189+/-0.080 χ^2/NDF : 3378158.1/9

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

151.732+/-0.085 χ^2/NDF : 2914061.7/7

135.189+/-0.080 χ^2/NDF : 3378158.1/9

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -6.326+/-21.892 χ^2/NDF : 10.2/7

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

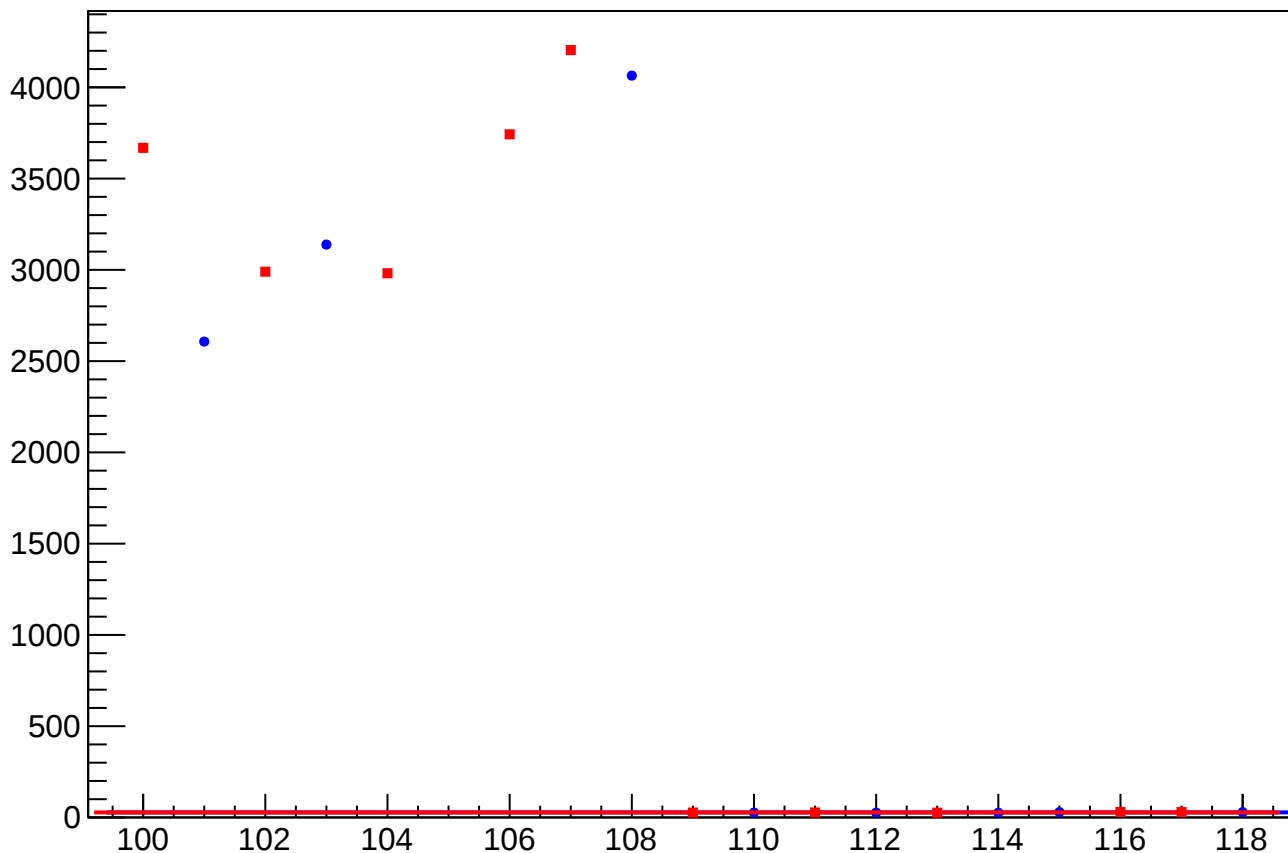
Right Out: -69.705+/-22.715 χ^2/NDF : 8.7/9

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

-6.326+/-21.892 χ^2/NDF : 10.2/7

-69.705+/-22.715 χ^2/NDF : 8.7/9

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.687 $\pm$ 0.015 χ^2 /NDF: 3013264.2/7

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

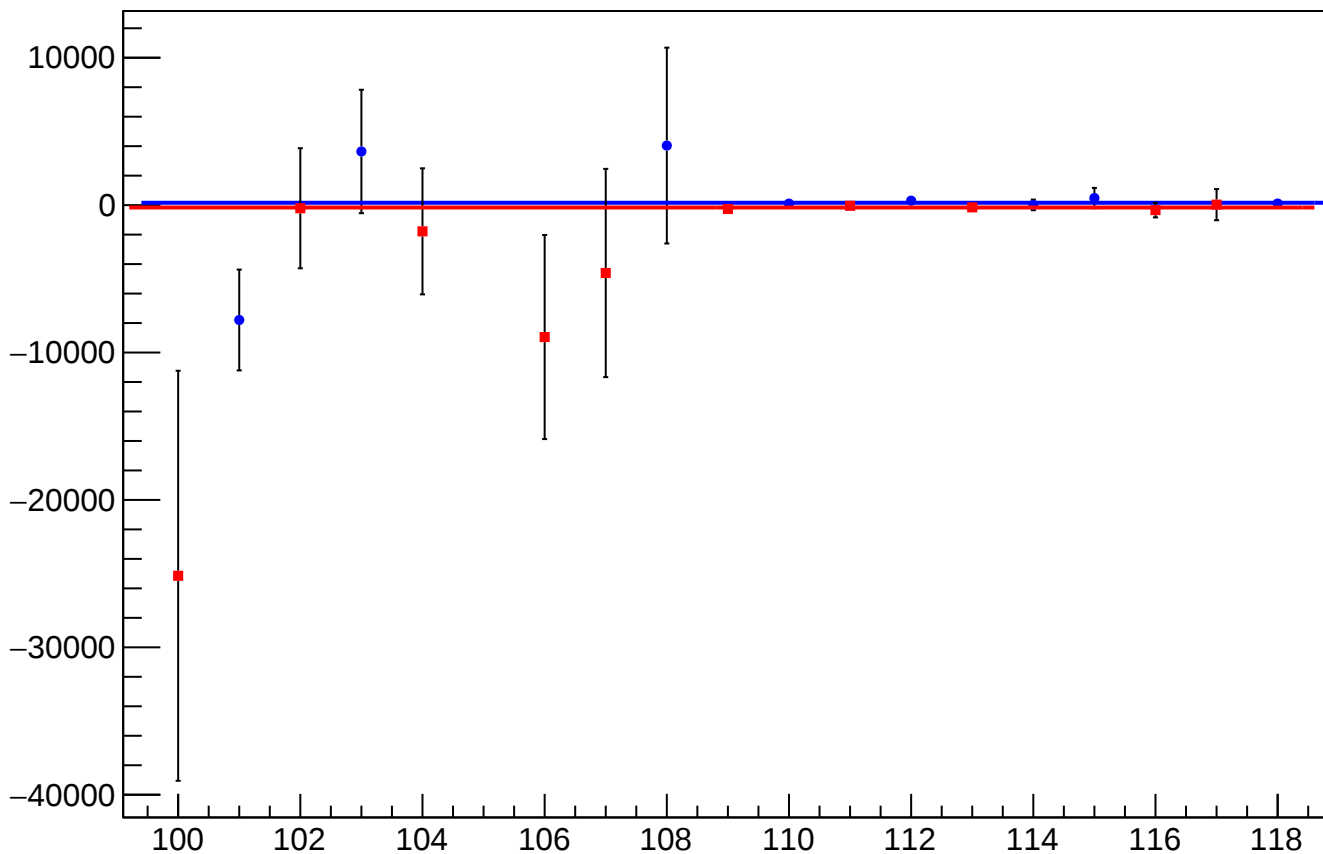
Right Out: 27.467 $\pm$ 0.016 χ^2 /NDF: 3462561.5/9

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

27.687 $\pm$ 0.015 χ^2 /NDF: 3013264.2/7

27.467 $\pm$ 0.016 χ^2 /NDF: 3462561.5/9

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 160.587+/-119.691 χ^2/NDF : 7.4/7

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

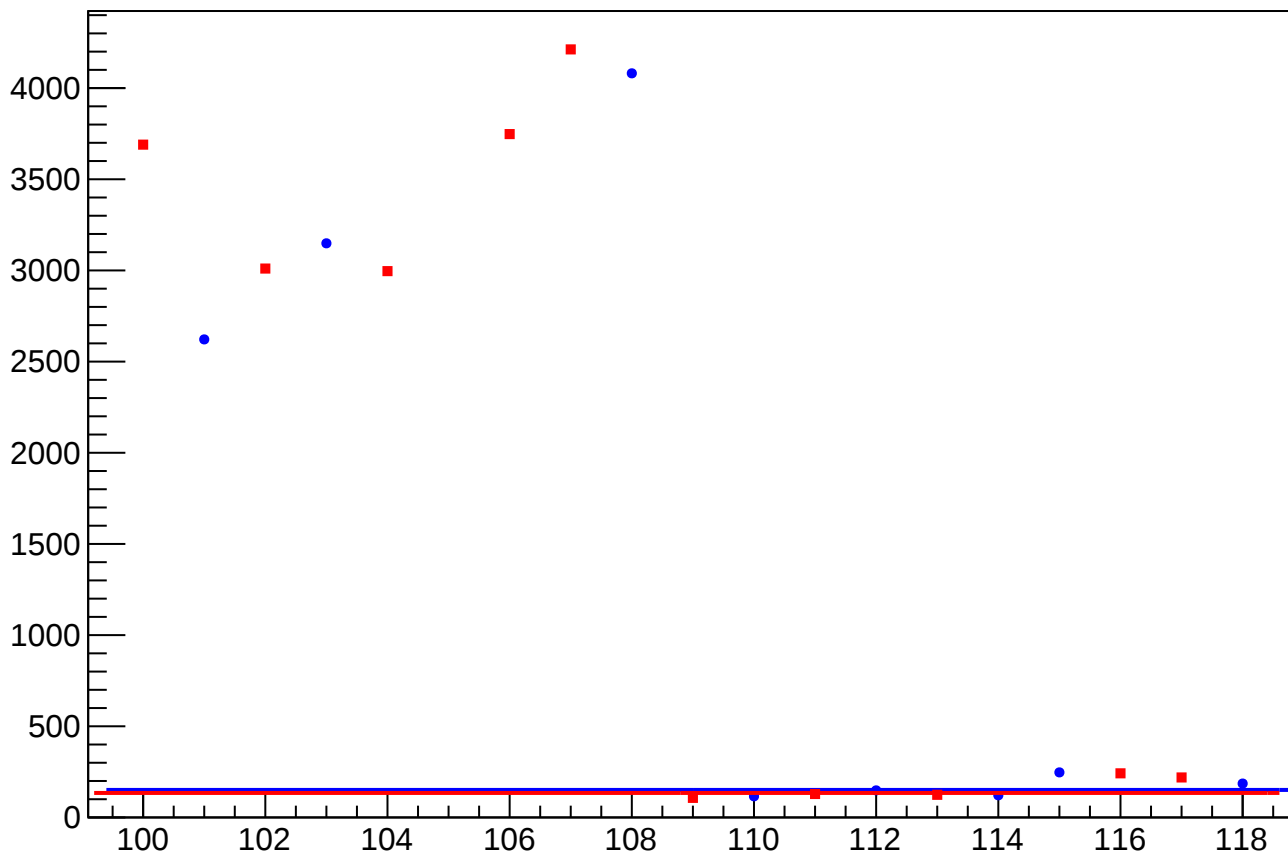
Right Out: -161.239+/-112.000 χ^2/NDF : 6.1/9

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

160.587+/-119.691 χ^2/NDF : 7.4/7

-161.239+/-112.000 χ^2/NDF : 6.1/9

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 150.969+/-0.085 χ^2/NDF : 2917415.9/7

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

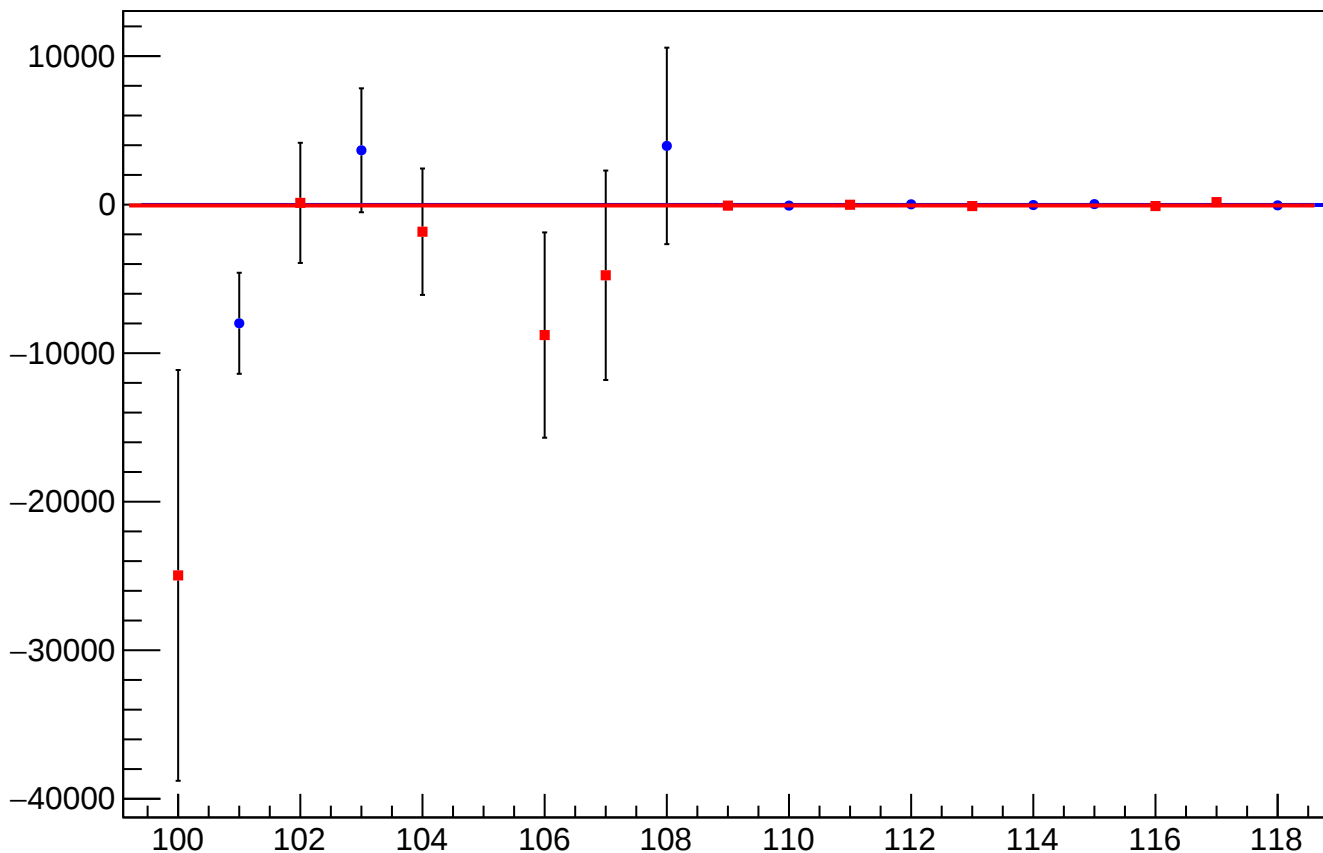
Right Out: 134.422+/-0.079 χ^2/NDF : 3381353.5/9

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

150.969+/-0.085 χ^2/NDF : 2917415.9/7

134.422+/-0.079 χ^2/NDF : 3381353.5/9

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -21.958+/-21.980 χ^2/NDF : 9.8/7

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

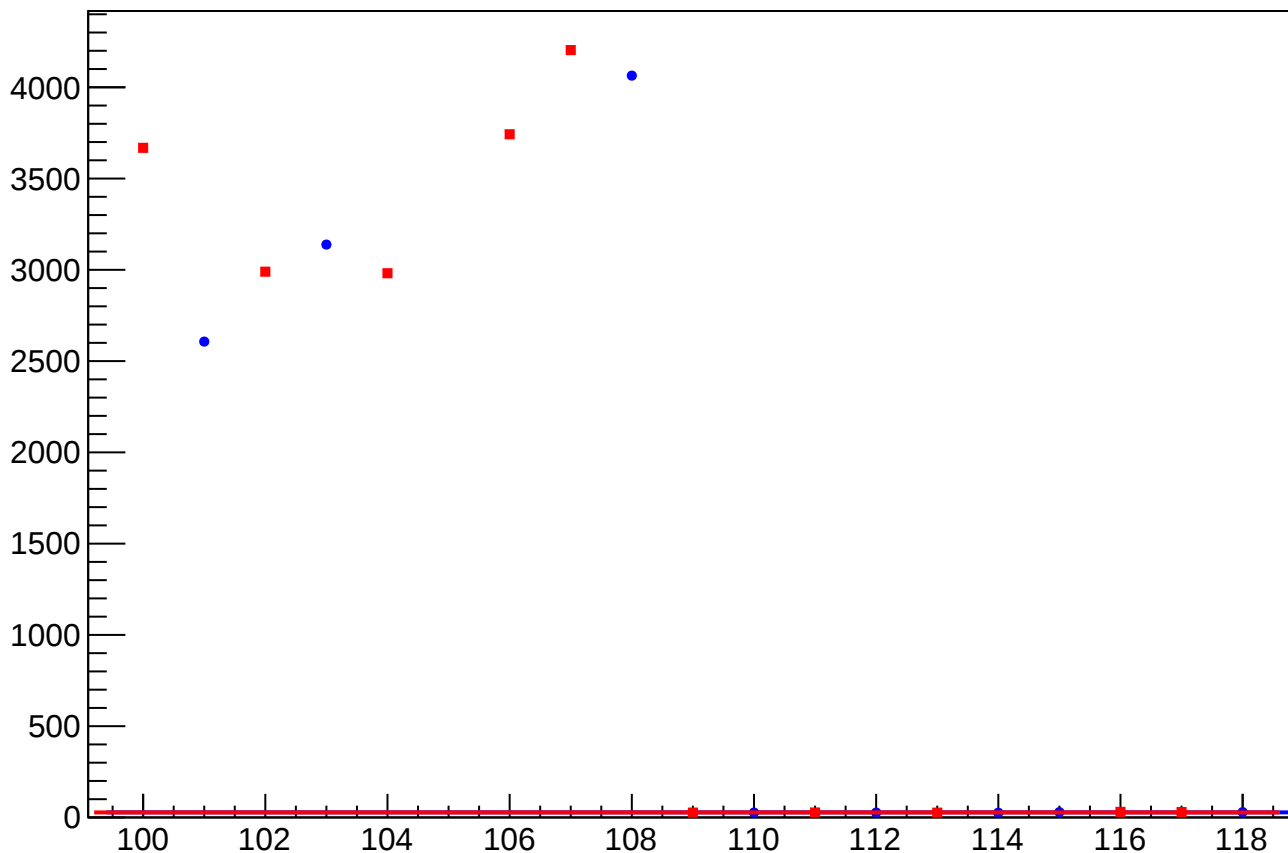
Right Out: -57.431+/-22.805 χ^2/NDF : 10.9/9

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

-21.958+/-21.980 χ^2/NDF : 9.8/7

-57.431+/-22.805 χ^2/NDF : 10.9/9

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.795+/-0.016 χ^2/NDF : 3013892.1/7

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

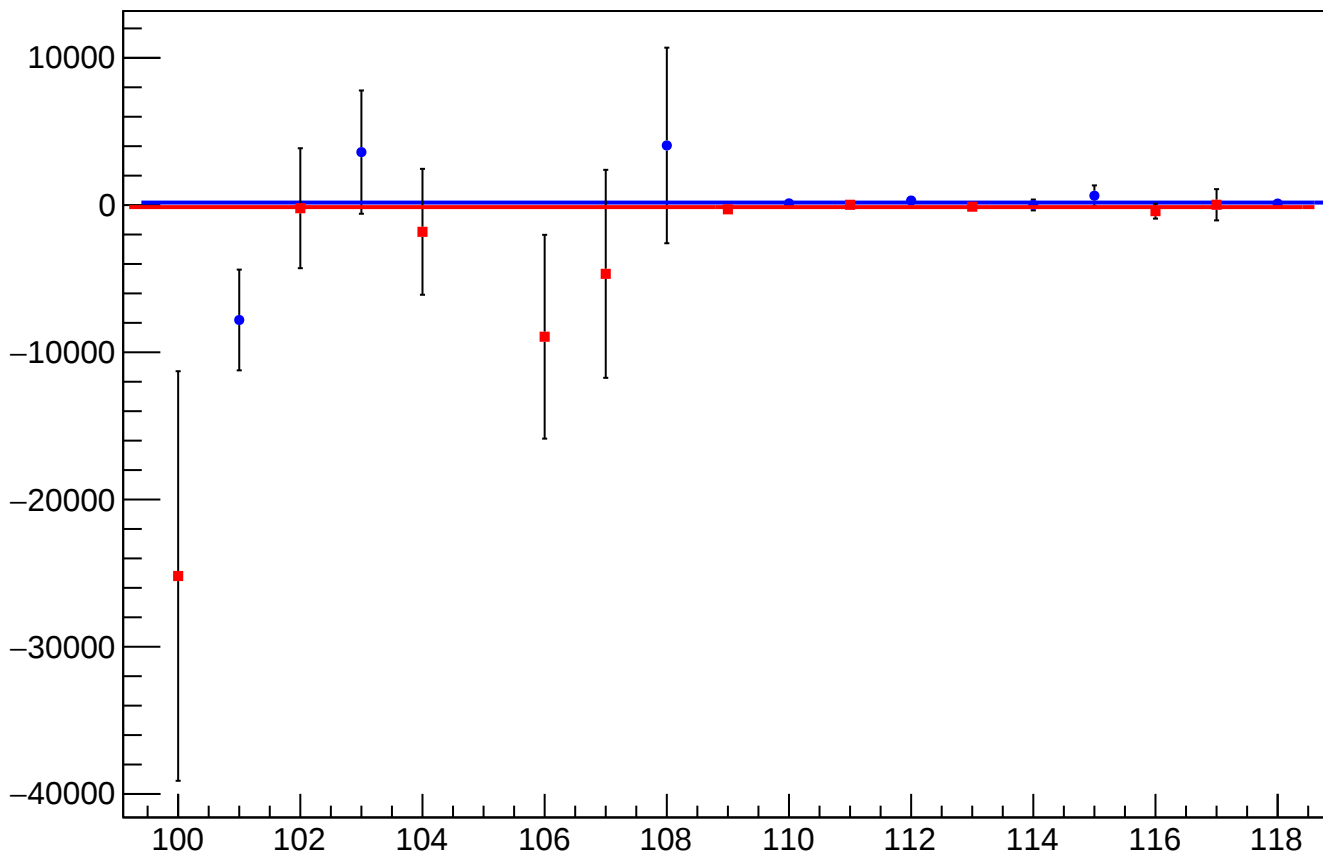
Right Out: 27.574+/-0.016 χ^2/NDF : 3463016.5/9

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

27.795+/-0.016 χ^2/NDF : 3013892.1/7

27.574+/-0.016 χ^2/NDF : 3463016.5/9

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 169.909+/-121.784 χ^2/NDF : 7.6/7

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

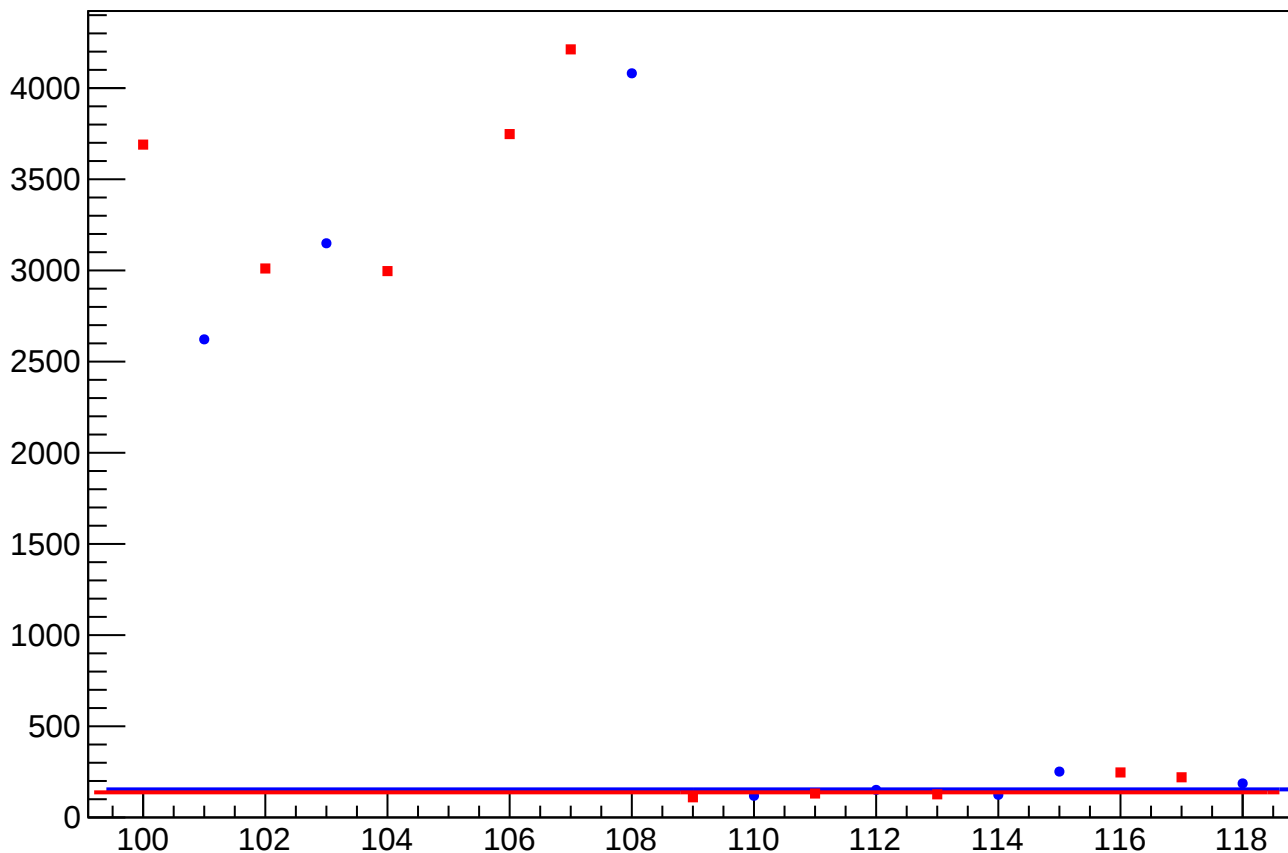
Right Out: -138.236+/-114.466 χ^2/NDF : 6.8/9

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

169.909+/-121.784 χ^2/NDF : 7.6/7

-138.236+/-114.466 χ^2/NDF : 6.8/9

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 153.947+/-0.086 χ^2/NDF : 2904374.5/7

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

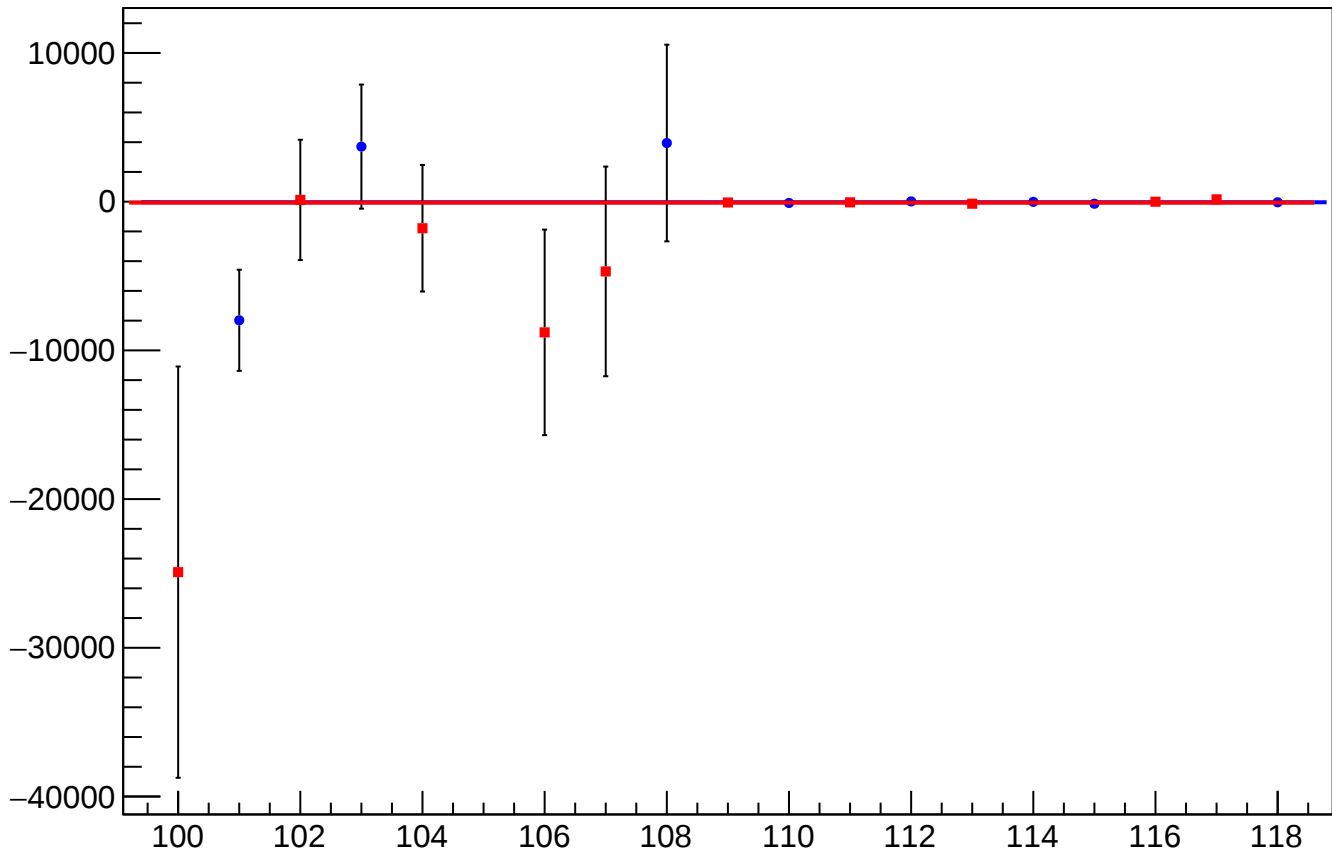
Right Out: 137.695+/-0.081 χ^2/NDF : 3372400.3/9

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

153.947+/-0.086 χ^2/NDF : 2904374.5/7

137.695+/-0.081 χ^2/NDF : 3372400.3/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -38.581+/-26.890 χ^2/NDF : 9.9/7

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

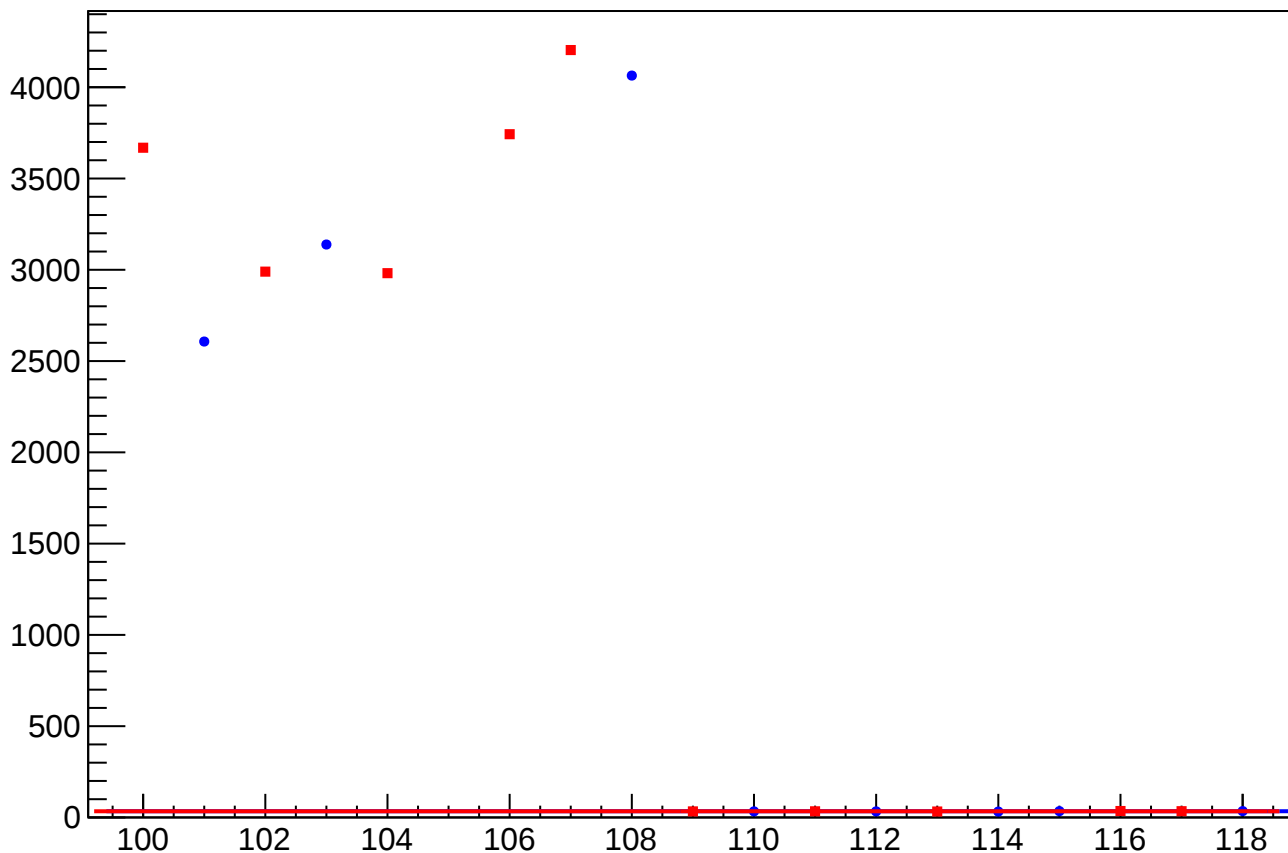
Right Out: -64.912+/-27.921 χ^2/NDF : 10.4/9

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

-38.581+/-26.890 χ^2/NDF : 9.9/7

-64.912+/-27.921 χ^2/NDF : 10.4/9

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.111+/-0.019 χ^2/NDF : 2996289.4/7

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

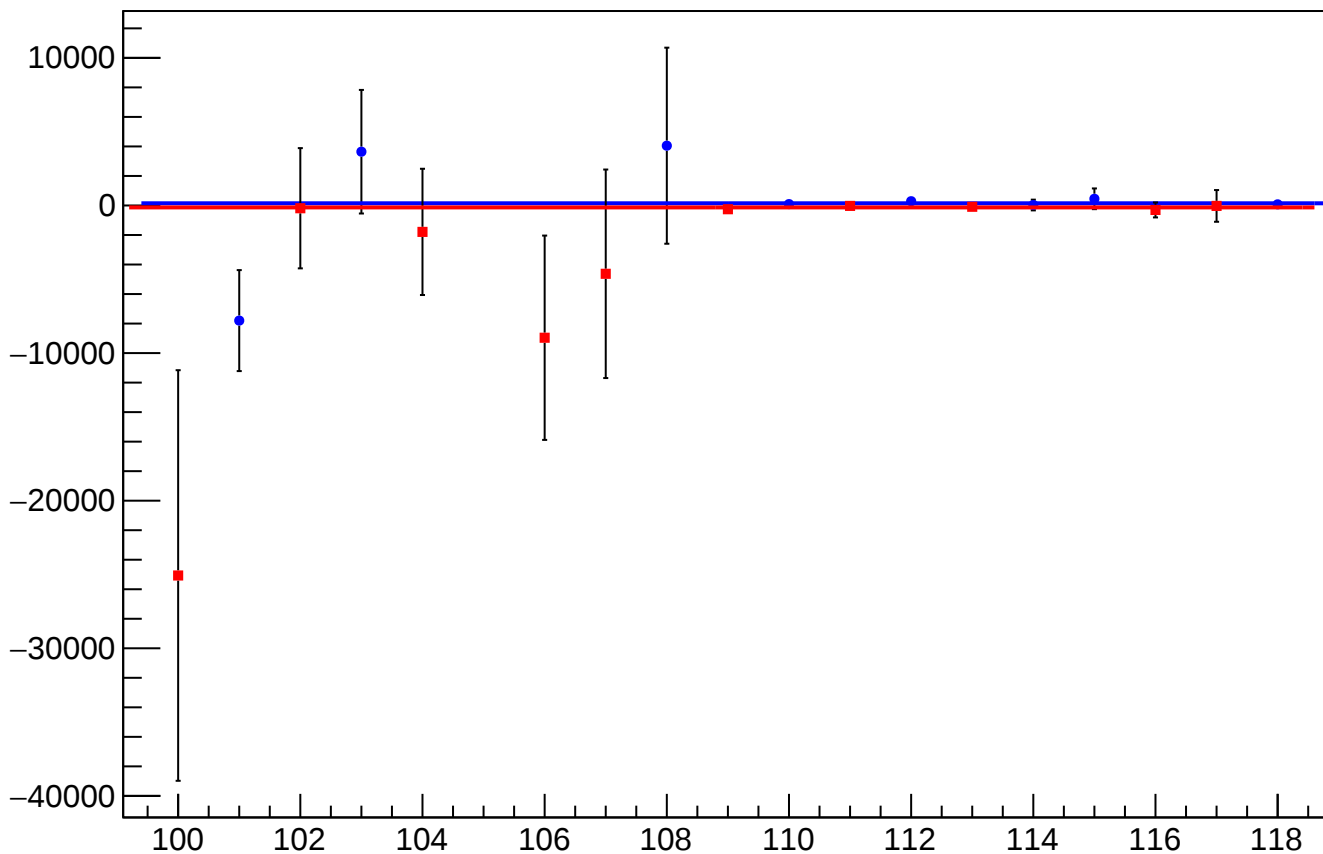
Right Out: 33.882+/-0.020 χ^2/NDF : 3444279.6/9

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

34.111+/-0.019 χ^2/NDF : 2996289.4/7

33.882+/-0.020 χ^2/NDF : 3444279.6/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 148.356+/-120.661 χ^2/NDF : 7.3/7

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

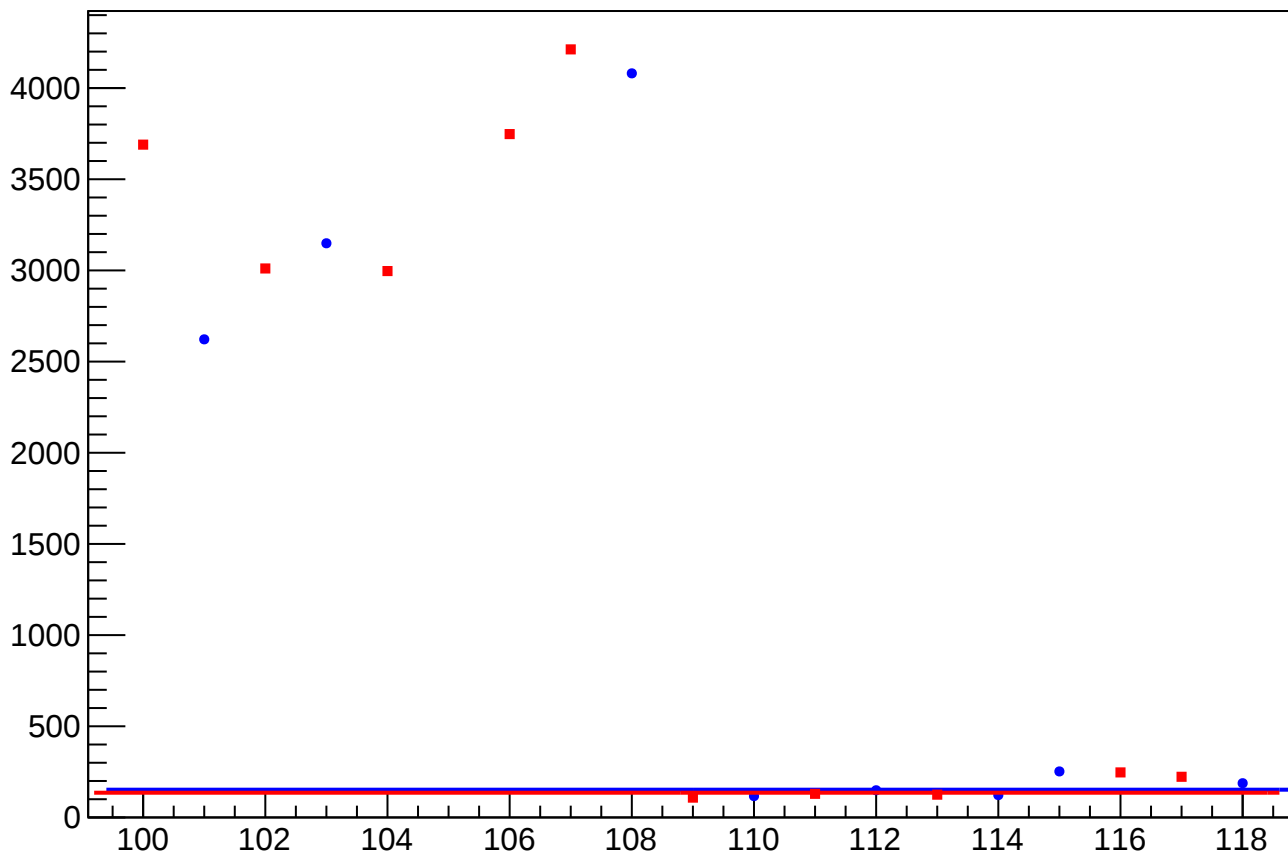
Right Out: -131.066+/-112.965 χ^2/NDF : 6.2/9

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

148.356+/-120.661 χ^2/NDF : 7.3/7

-131.066+/-112.965 χ^2/NDF : 6.2/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 152.252+/-0.085 χ^2/NDF : 2916345.2/7

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

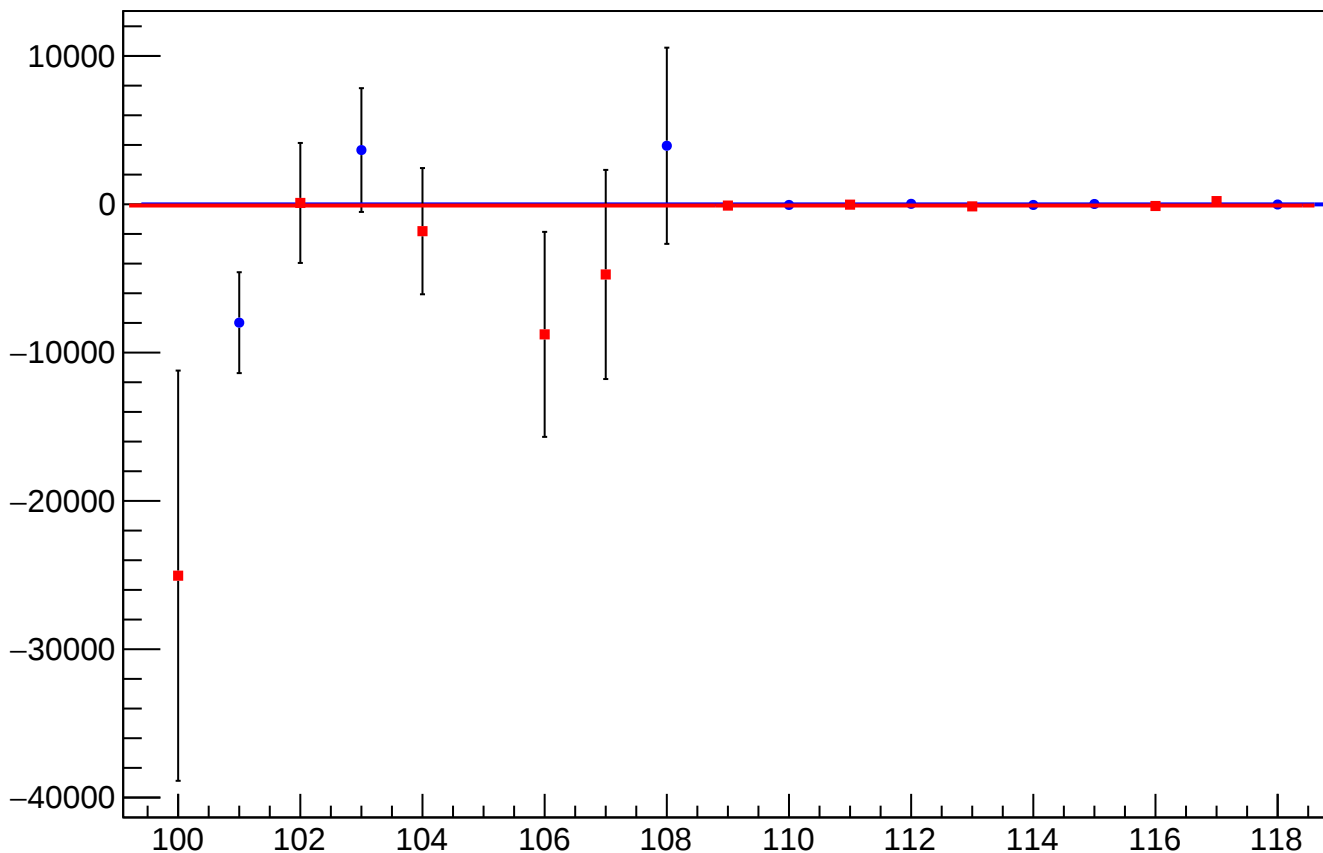
Right Out: 135.649+/-0.080 χ^2/NDF : 3381528.4/9

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

152.252+/-0.085 χ^2/NDF : 2916345.2/7

135.649+/-0.080 χ^2/NDF : 3381528.4/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -7.617+/-24.932 χ^2/NDF : 8.1/7

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

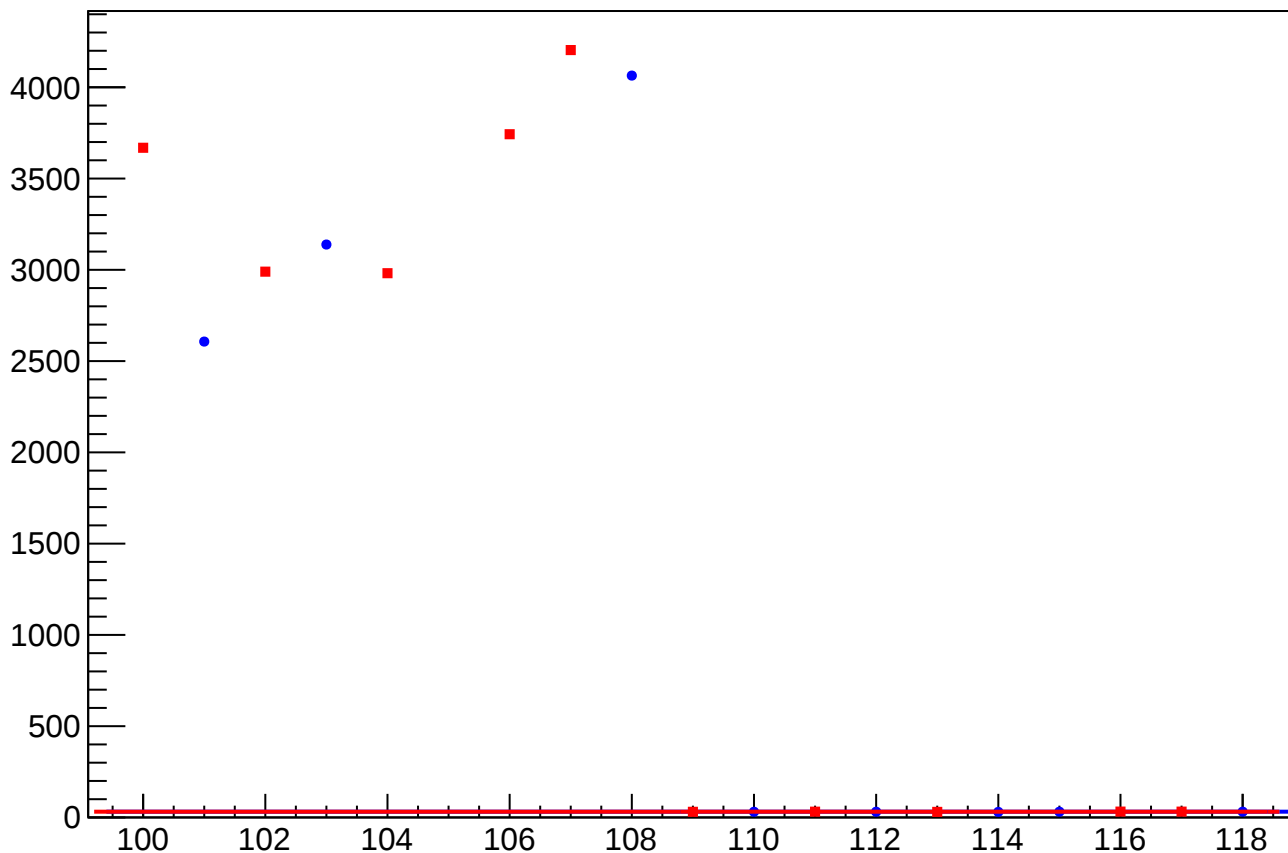
Right Out: -83.661+/-26.027 χ^2/NDF : 12.6/9

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

-7.617+/-24.932 χ^2/NDF : 8.1/7

-83.661+/-26.027 χ^2/NDF : 12.6/9

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.611+/-0.018 χ^2/NDF : 2999618.1/7

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

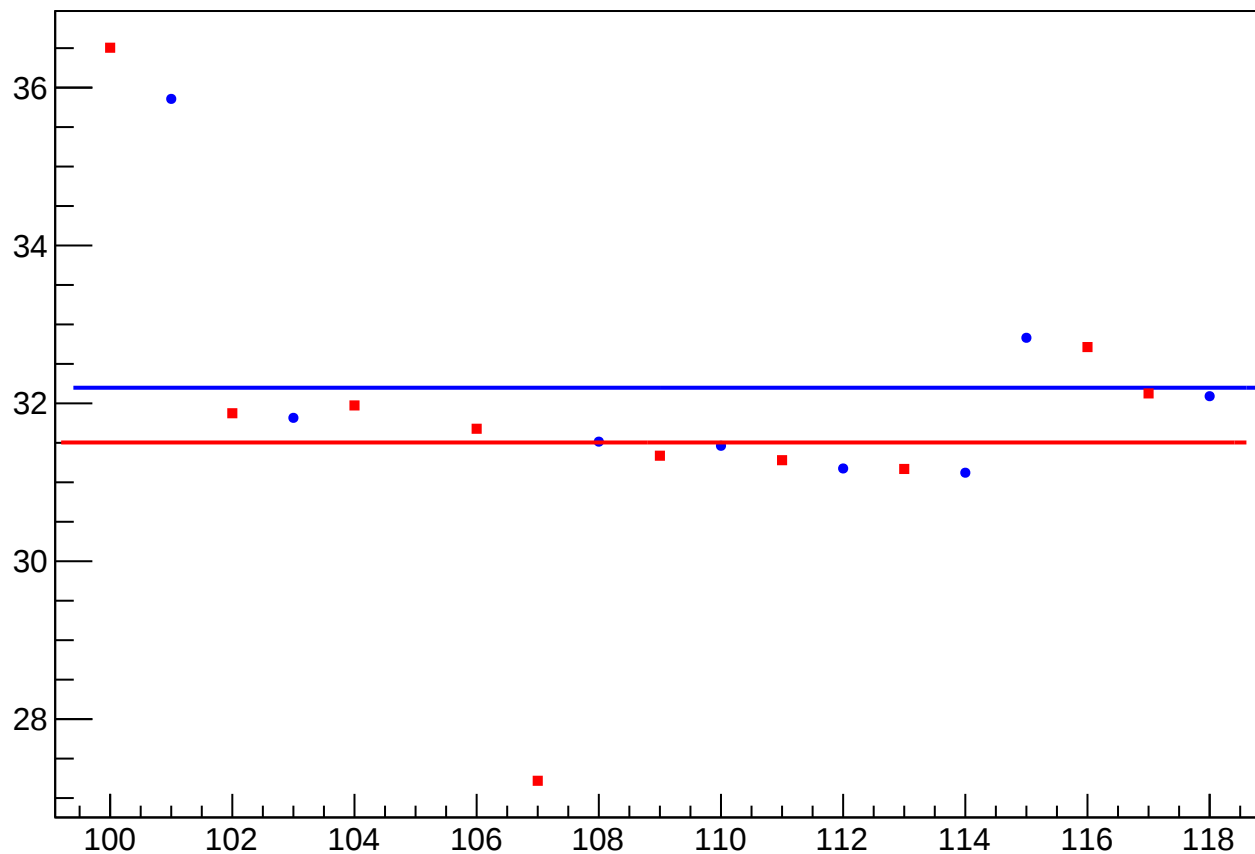
Right Out: 31.563+/-0.018 χ^2/NDF : 3447959.5/9

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

31.611+/-0.018 χ^2/NDF : 2999618.1/7

31.563+/-0.018 χ^2/NDF : 3447959.5/9

yield_usl_mean vs Slug



Right In: 32.198+/-0.000 χ^2/NDF : 966512893.4/7

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

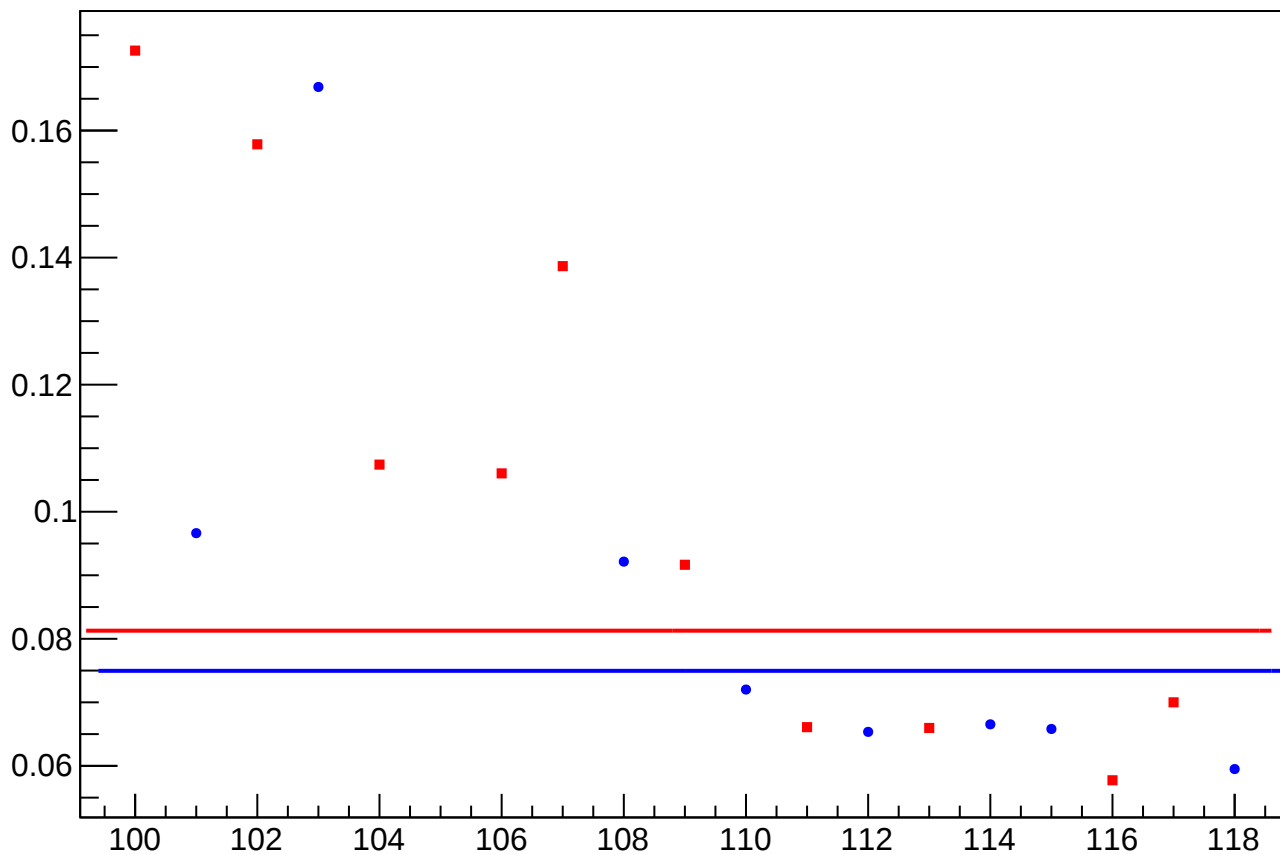
Right Out: 31.505+/-0.000 χ^2/NDF : 486666577.0/9

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

32.198+/-0.000 χ^2/NDF : 966512893.4/7

31.505+/-0.000 χ^2/NDF : 486666577.0/9

yield_usl_rms vs Slug



Right In: 0.075+/-0.000 χ^2/NDF : 499489.5/7

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

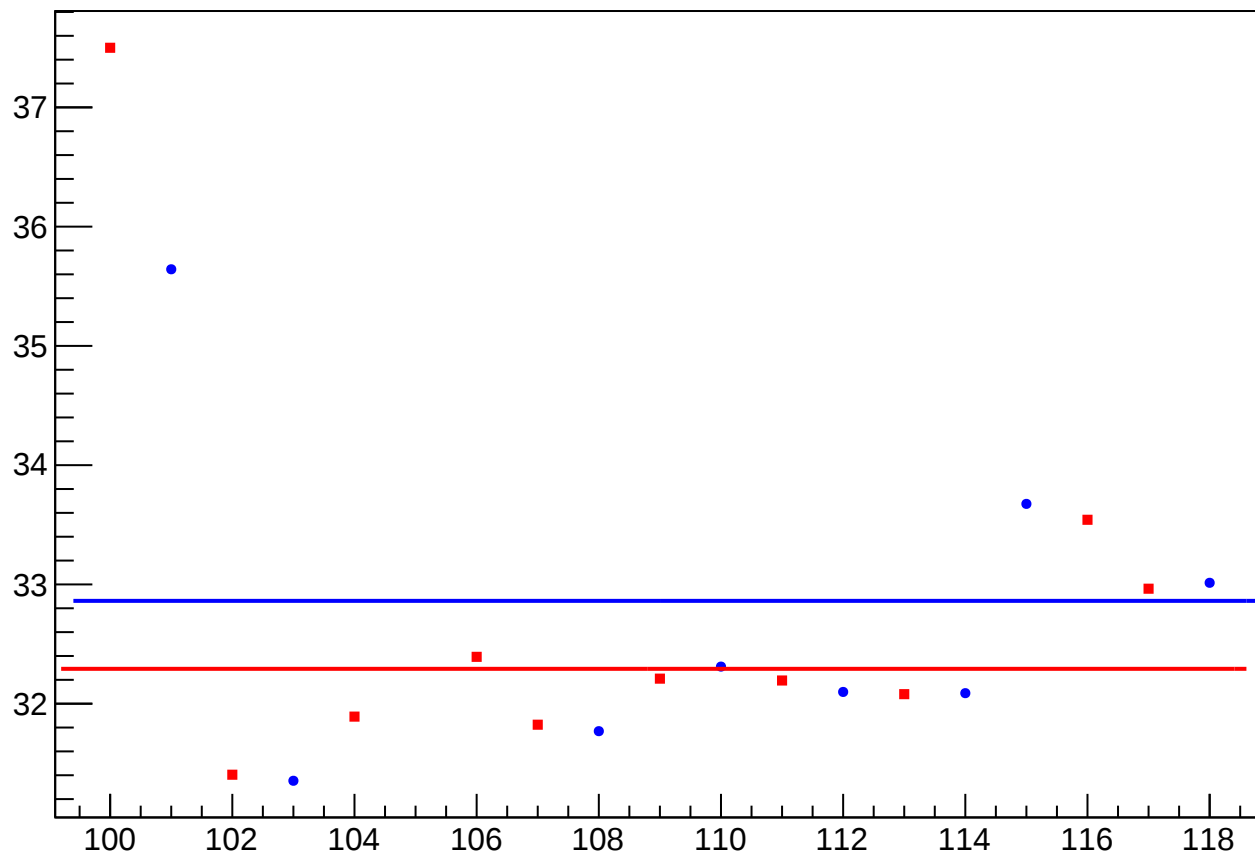
Right Out: 0.081+/-0.000 χ^2/NDF : 637017.4/9

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

0.075+/-0.000 χ^2/NDF : 499489.5/7

0.081+/-0.000 χ^2/NDF : 637017.4/9

yield_usr_mean vs Slug



Right In: 32.862+/-0.000 χ^2/NDF : 454705764.5/7

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

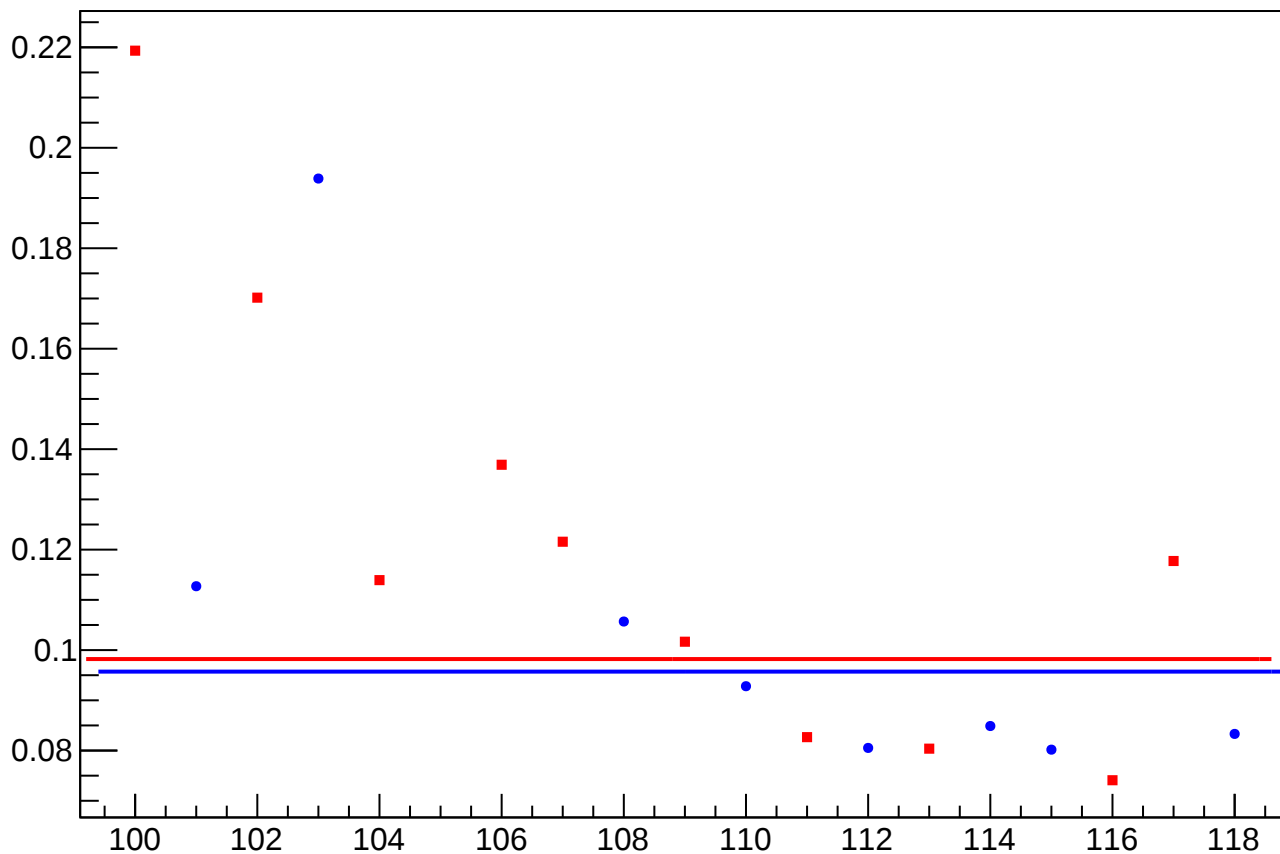
Right Out: 32.292+/-0.000 χ^2/NDF : 128888432.7/9

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

32.862+/-0.000 χ^2/NDF : 454705764.5/7

32.292+/-0.000 χ^2/NDF : 128888432.7/9

yield_usr_rms vs Slug



Right In: 0.096+/-0.000 χ^2/NDF : 375876.0/7

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

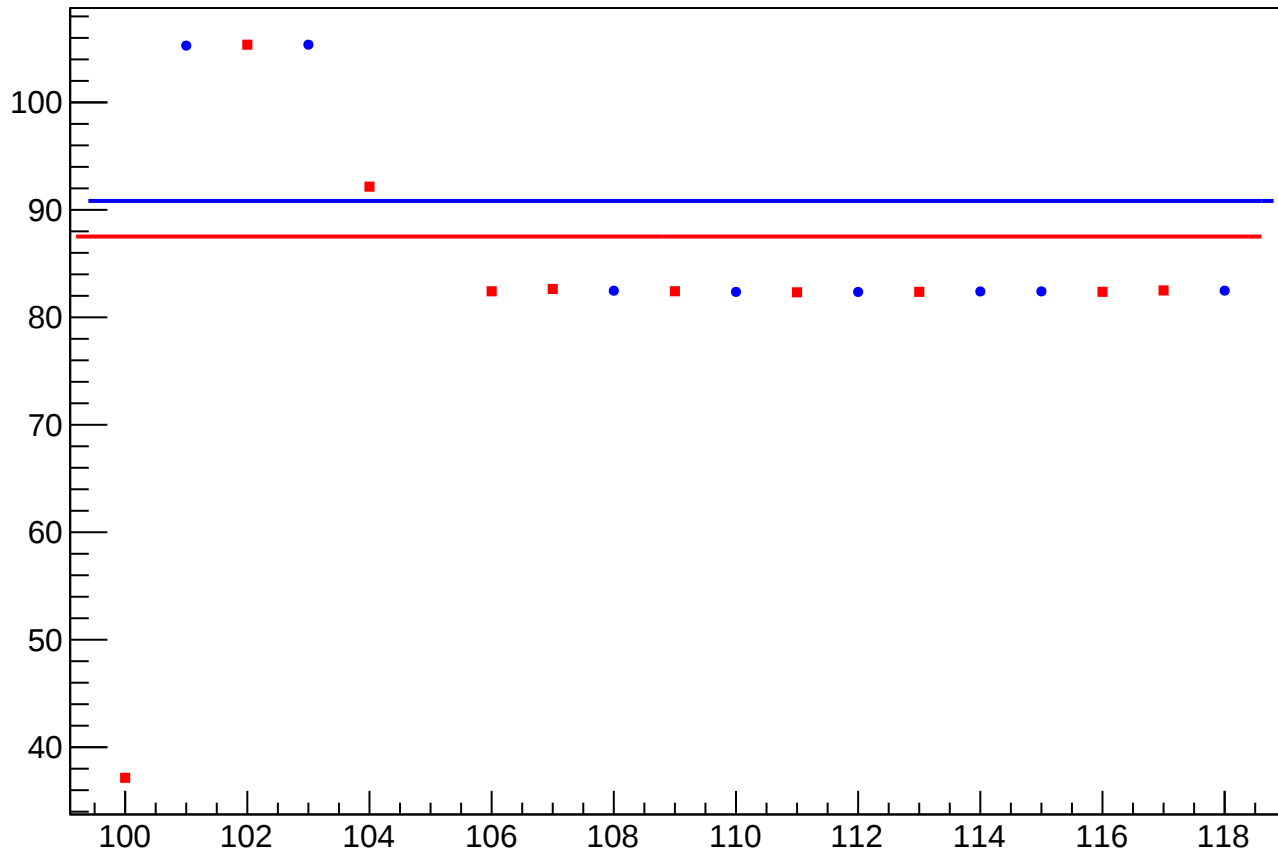
Right Out: 0.098+/-0.000 χ^2/NDF : 416619.7/9

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

0.096+/-0.000 χ^2/NDF : 375876.0/7

0.098+/-0.000 χ^2/NDF : 416619.7/9

yield_dsl_mean vs Slug



Right In: 90.831+/-0.000 χ^2/NDF : 223258792253.8/7

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

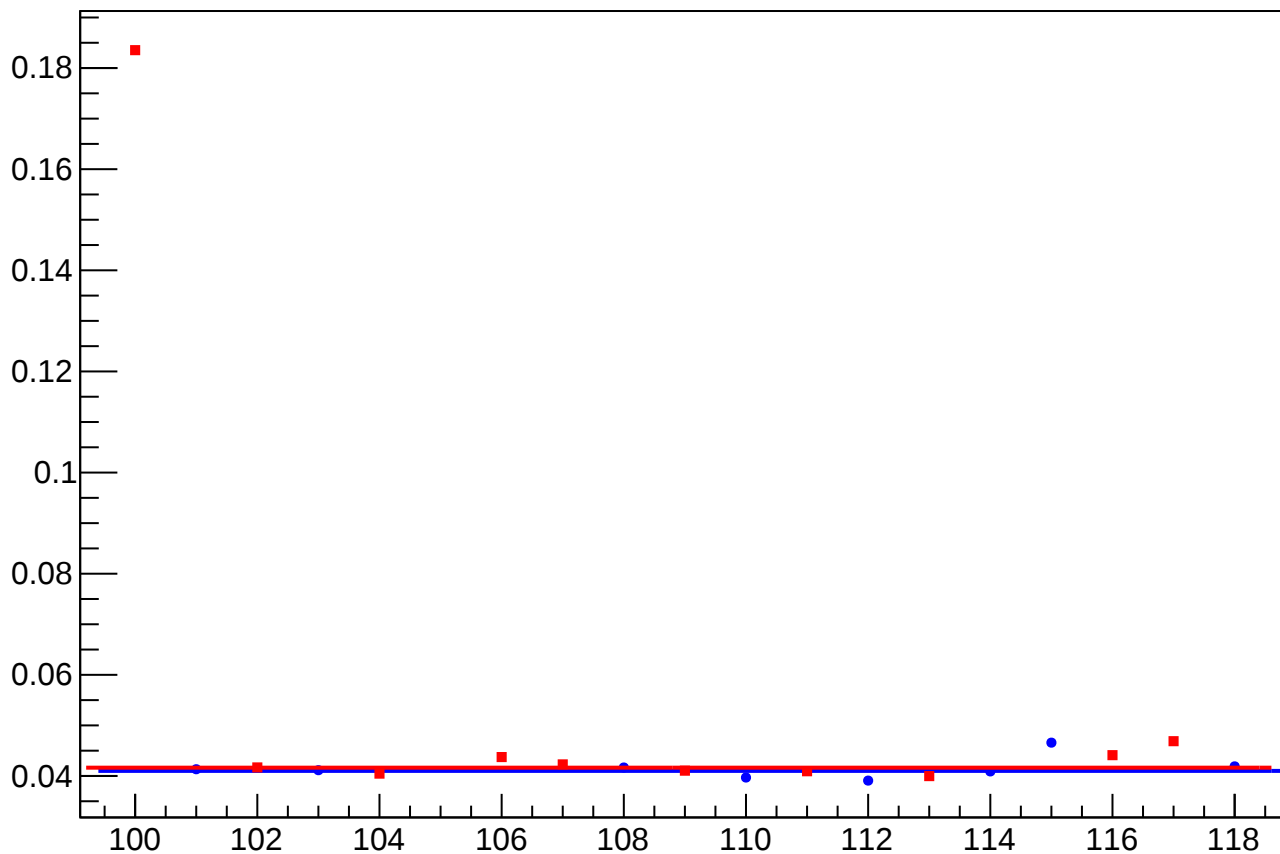
Right Out: 87.518+/-0.000 χ^2/NDF : 145803693011.2/9

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

90.831+/-0.000 χ^2/NDF : 223258792253.8/7

87.518+/-0.000 χ^2/NDF : 145803693011.2/9

yield_dsl_rms vs Slug



Right In: 0.041+/-0.000 χ^2/NDF : 7706.8/7

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

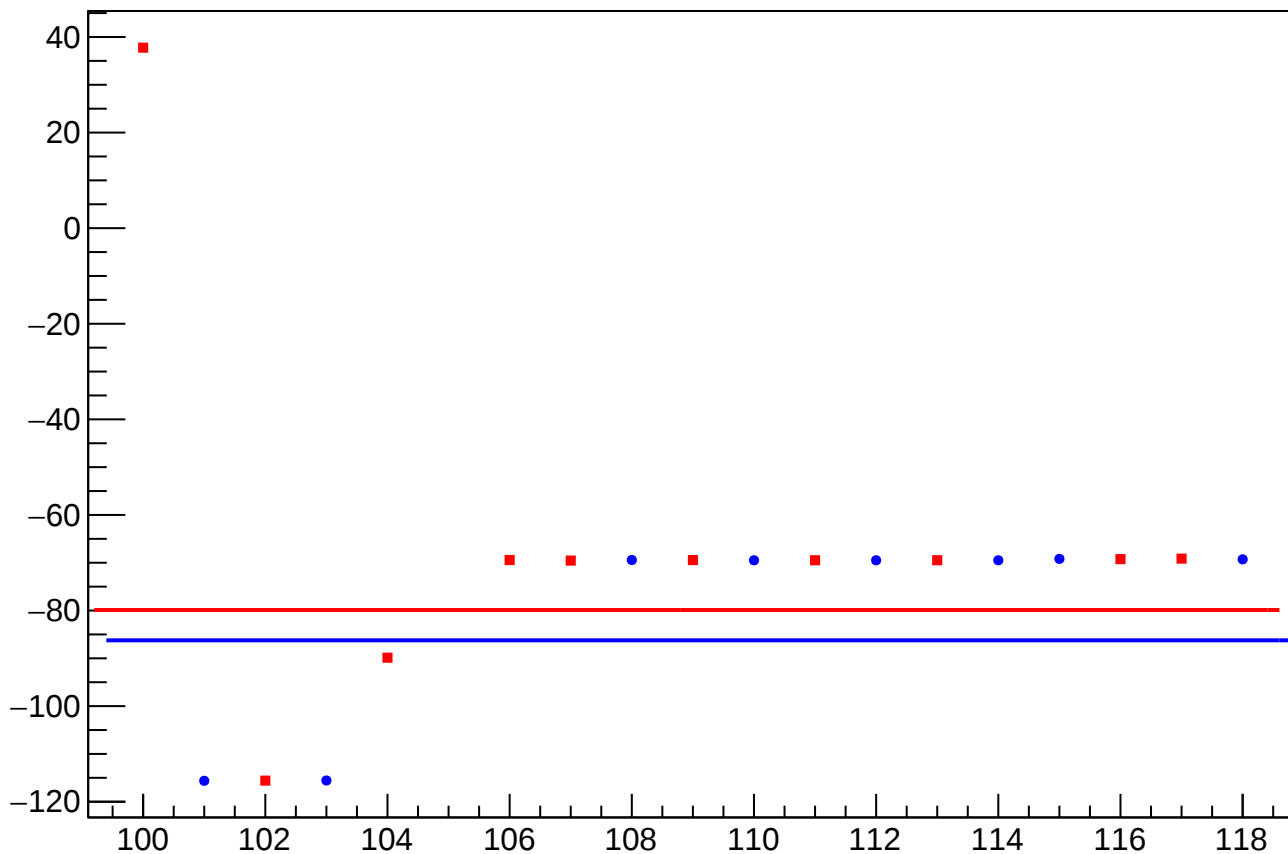
Right Out: 0.042+/-0.000 χ^2/NDF : 90319.4/9

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

0.041+/-0.000 χ^2/NDF : 7706.8/7

0.042+/-0.000 χ^2/NDF : 90319.4/9

yield_dsr_mean vs Slug



Right In: -86.233+/-0.000 χ^2/NDF : 430998964629.9/7

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

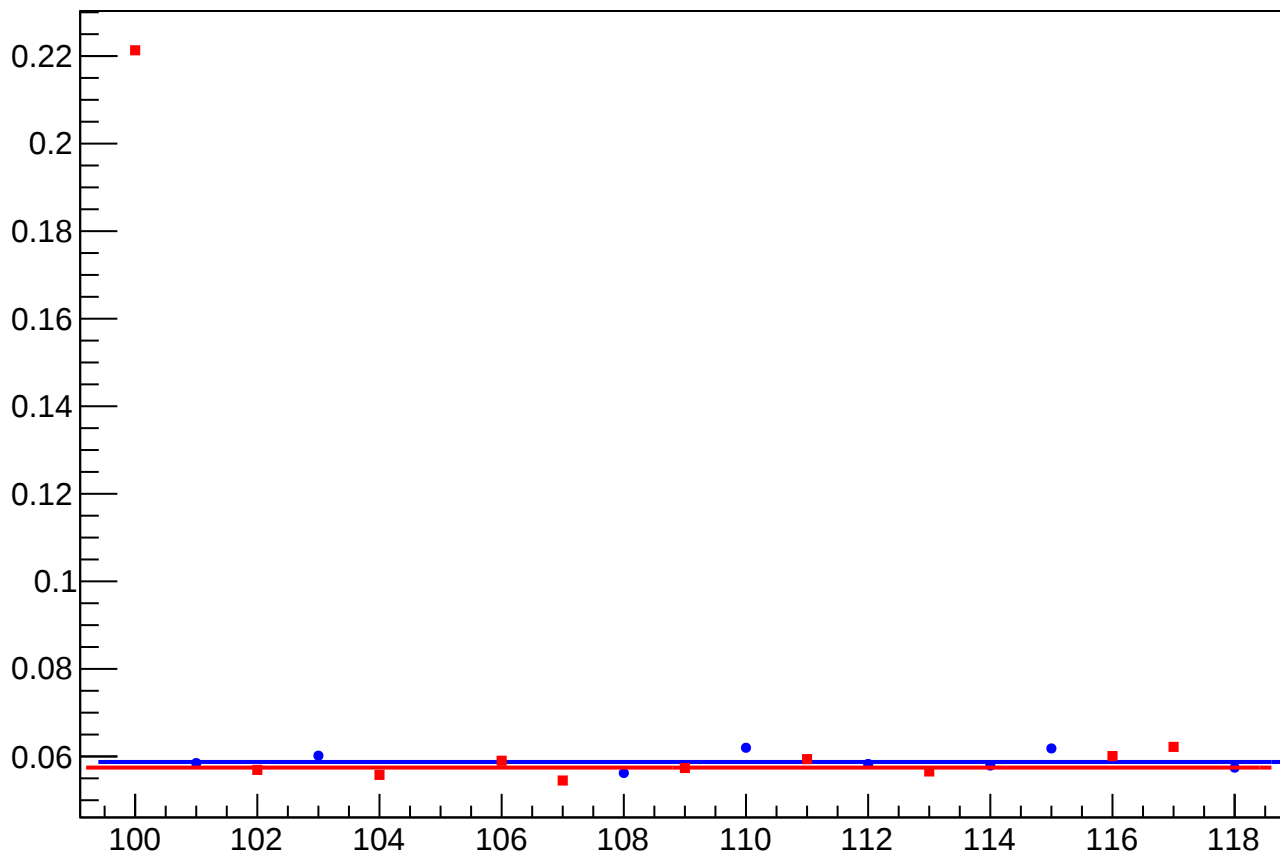
Right Out: -79.884+/-0.000 χ^2/NDF : 315924564613.6/9

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

-86.233+/-0.000 χ^2/NDF : 430998964629.9/7

-79.884+/-0.000 χ^2/NDF : 315924564613.6/9

yield_dsr_rms vs Slug



Right In: 0.059+/-0.000 χ^2/NDF : 5222.9/7

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

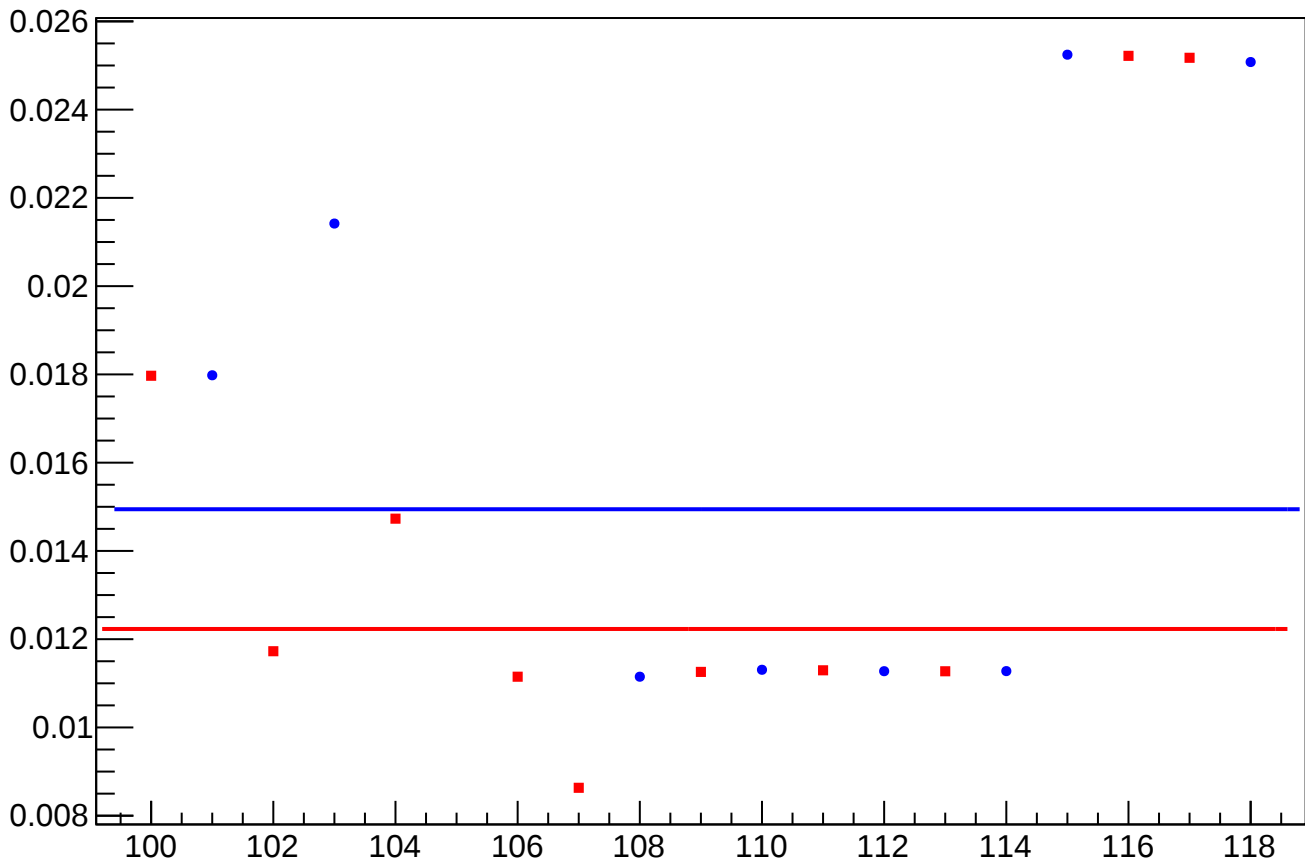
Right Out: 0.057+/-0.000 χ^2/NDF : 79828.2/9

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

0.059+/-0.000 χ^2/NDF : 5222.9/7

0.057+/-0.000 χ^2/NDF : 79828.2/9

yield_atl1_mean vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 20158557738.1/7

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

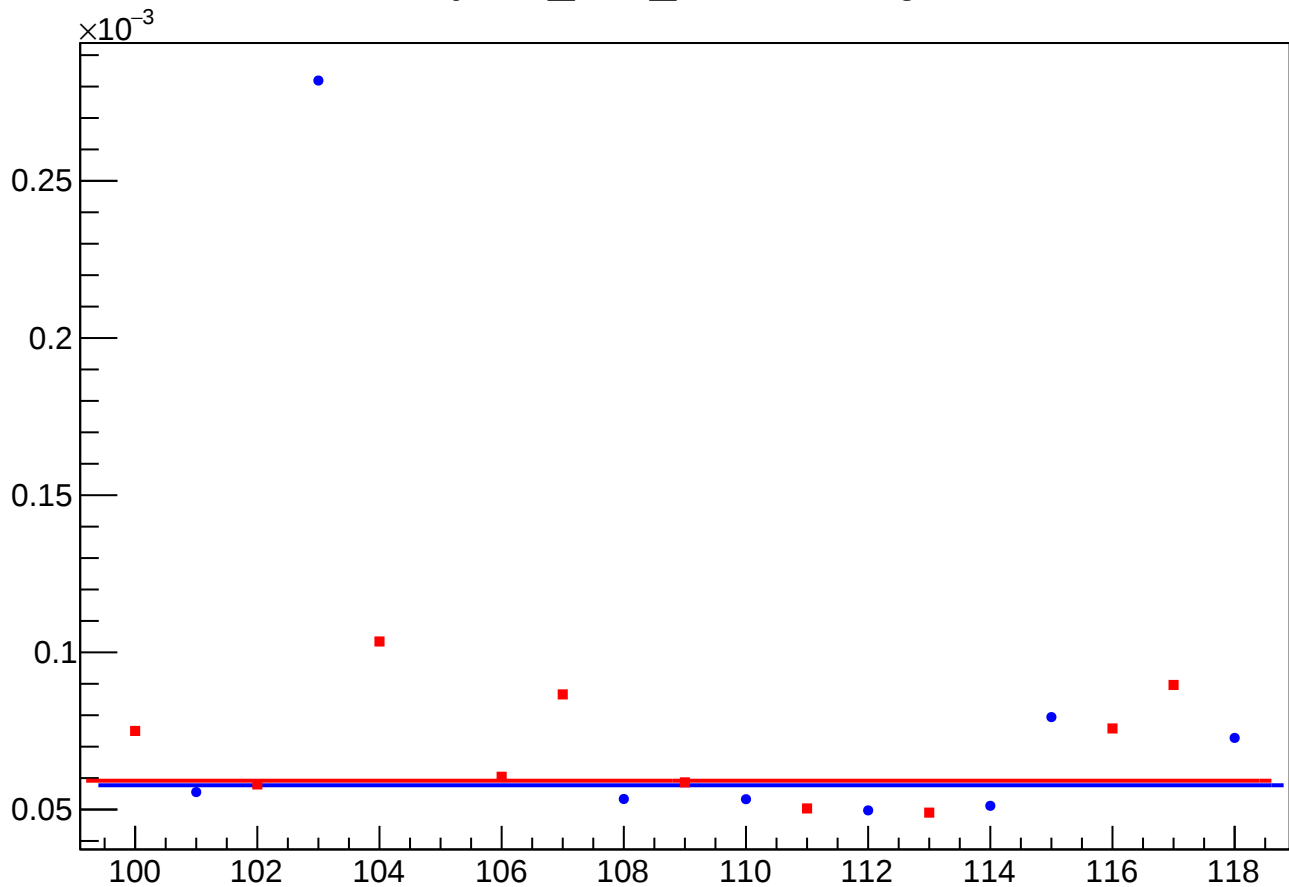
0.015+/-0.000 χ^2/NDF : 20158557738.1/7

Right Out: 0.012+/-0.000 χ^2/NDF : 9701393882.4/9

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

0.012+/-0.000 χ^2/NDF : 9701393882.4/9

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 747513.8/7

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

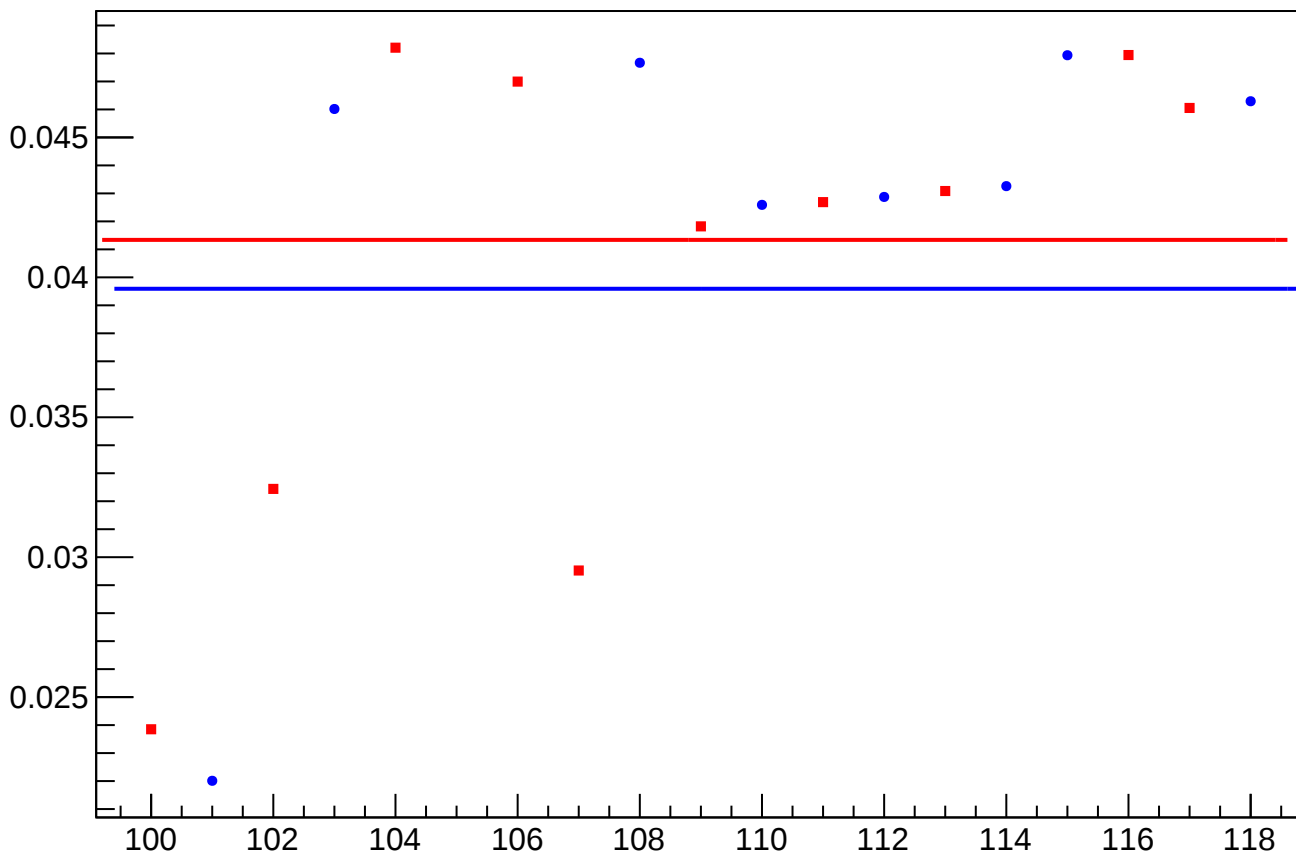
Right Out: 0.000+/-0.000 χ^2/NDF : 280032.0/9

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

0.000+/-0.000 χ^2/NDF : 747513.8/7

0.000+/-0.000 χ^2/NDF : 280032.0/9

yield_atl2_mean vs Slug



Right In: 0.040 $\pm$ 0.000 χ^2 /NDF: 2082411605.4/7

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

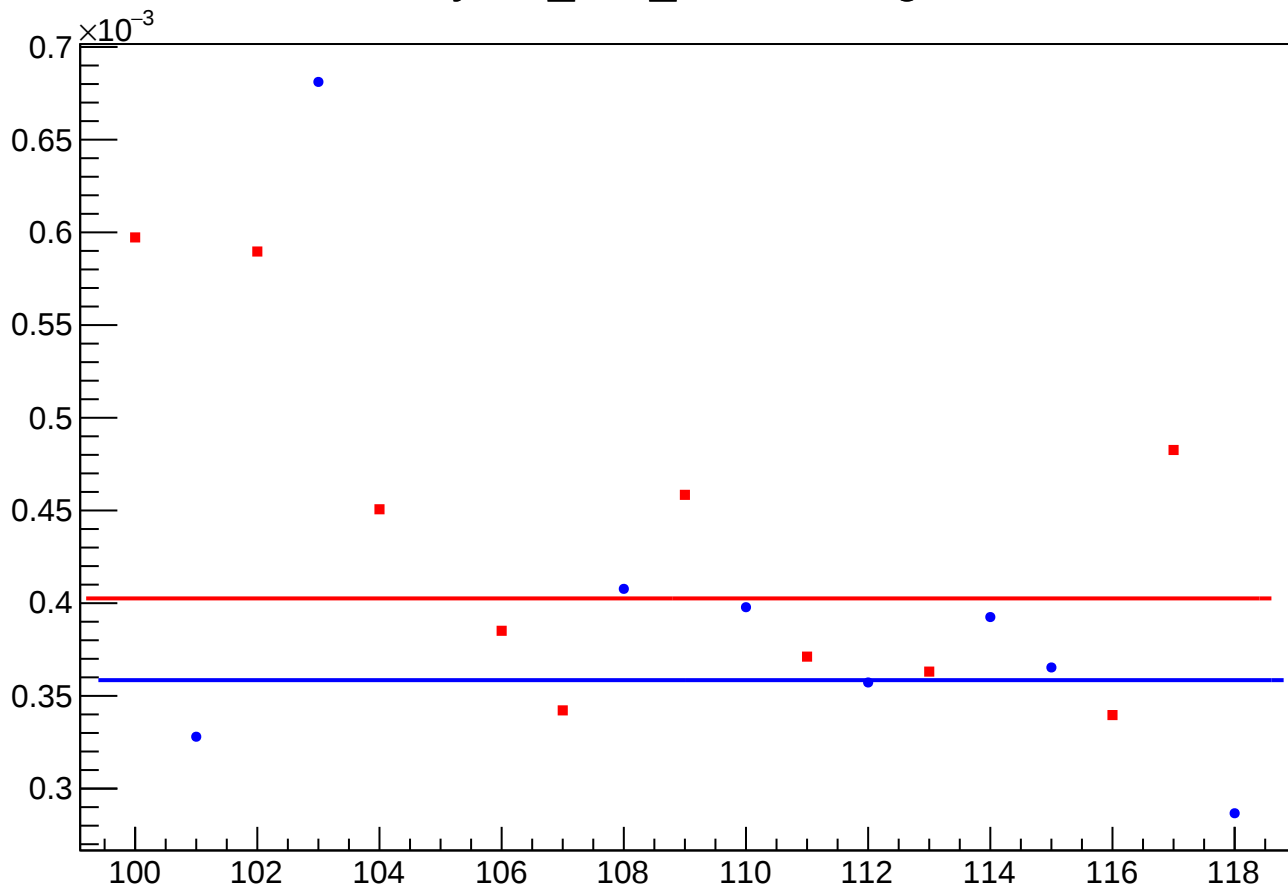
Right Out: 0.041 $\pm$ 0.000 χ^2 /NDF: 776257959.6/9

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

0.040 $\pm$ 0.000 χ^2 /NDF: 2082411605.4/7

0.041 $\pm$ 0.000 χ^2 /NDF: 776257959.6/9

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 317510.5/7

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

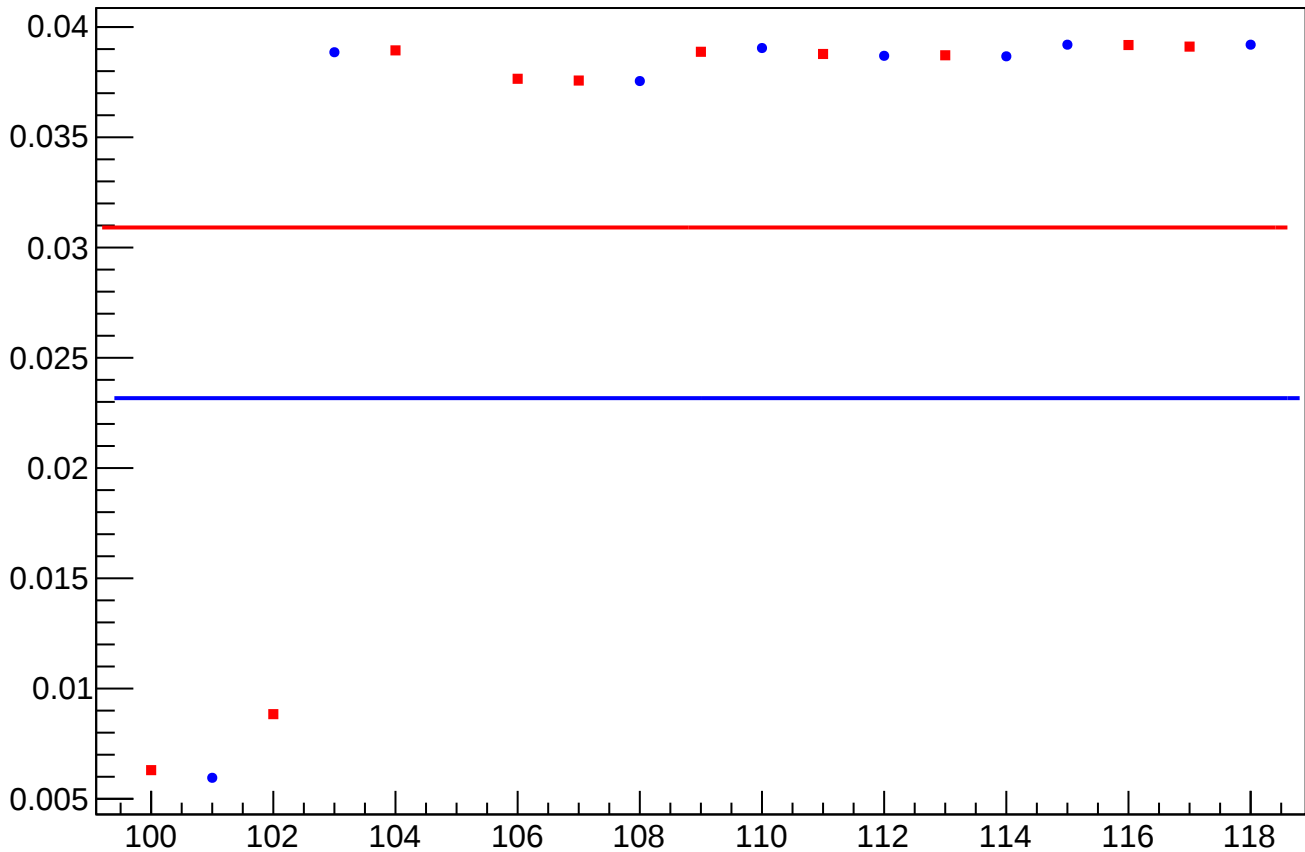
Right Out: 0.000+/-0.000 χ^2/NDF : 185751.4/9

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

0.000+/-0.000 χ^2/NDF : 317510.5/7

0.000+/-0.000 χ^2/NDF : 185751.4/9

yield_atr1_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 70763696711.8/7

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

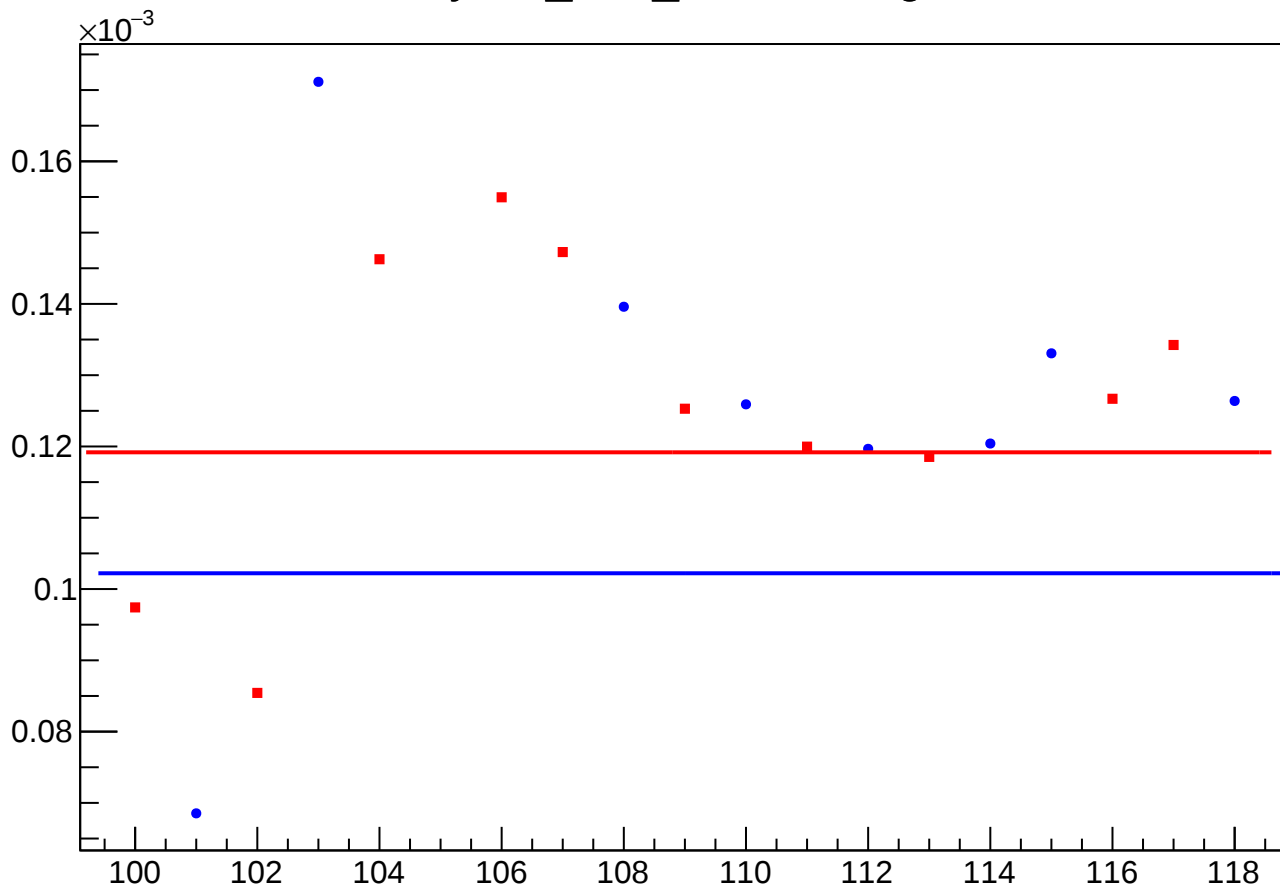
0.023+/-0.000 χ^2/NDF : 70763696711.8/7

Right Out: 0.031+/-0.000 χ^2/NDF : 37712250583.5/9

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

0.031+/-0.000 χ^2/NDF : 37712250583.5/9

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 618056.4/7

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

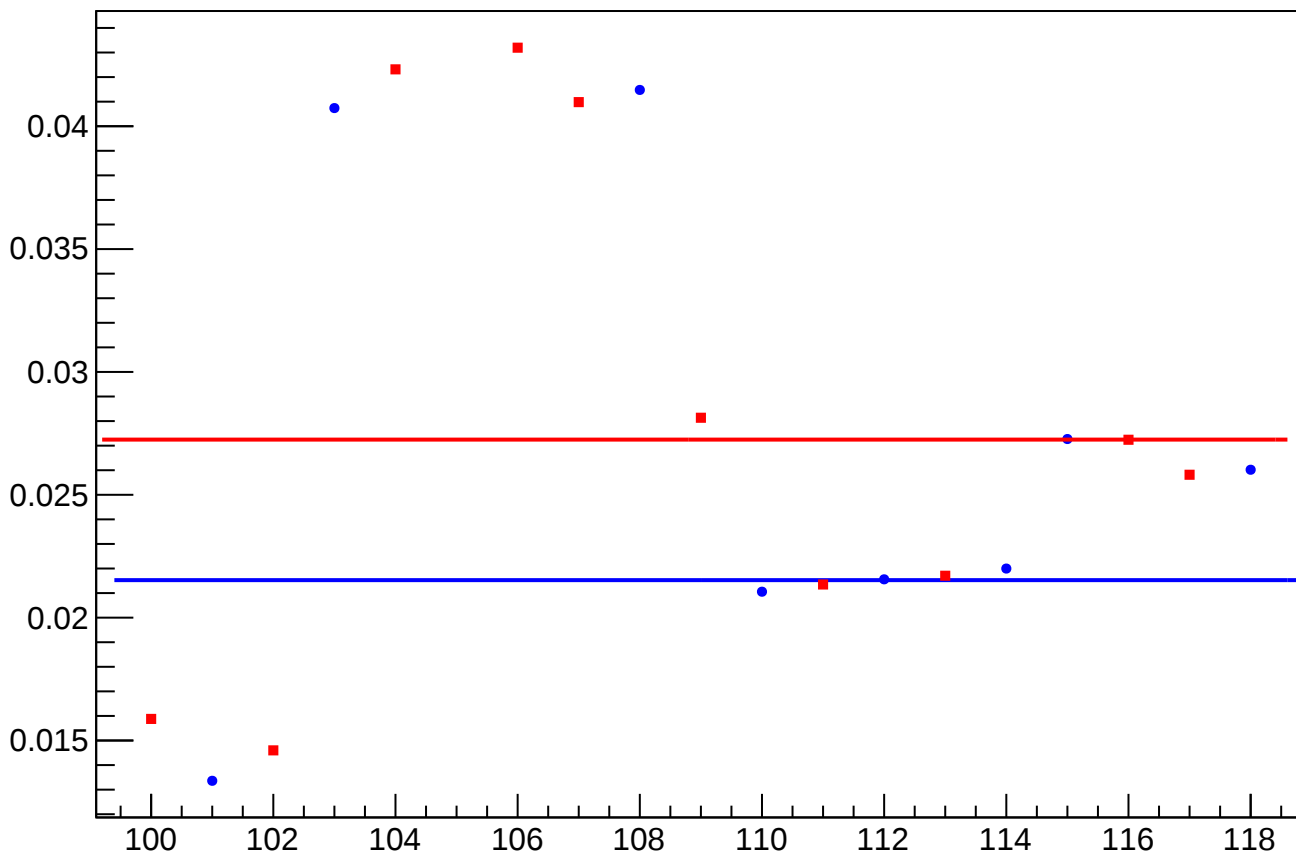
Right Out: 0.000+/-0.000 χ^2/NDF : 209241.3/9

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

0.000+/-0.000 χ^2/NDF : 618056.4/7

0.000+/-0.000 χ^2/NDF : 209241.3/9

yield_atr2_mean vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 3117429299.8/7

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

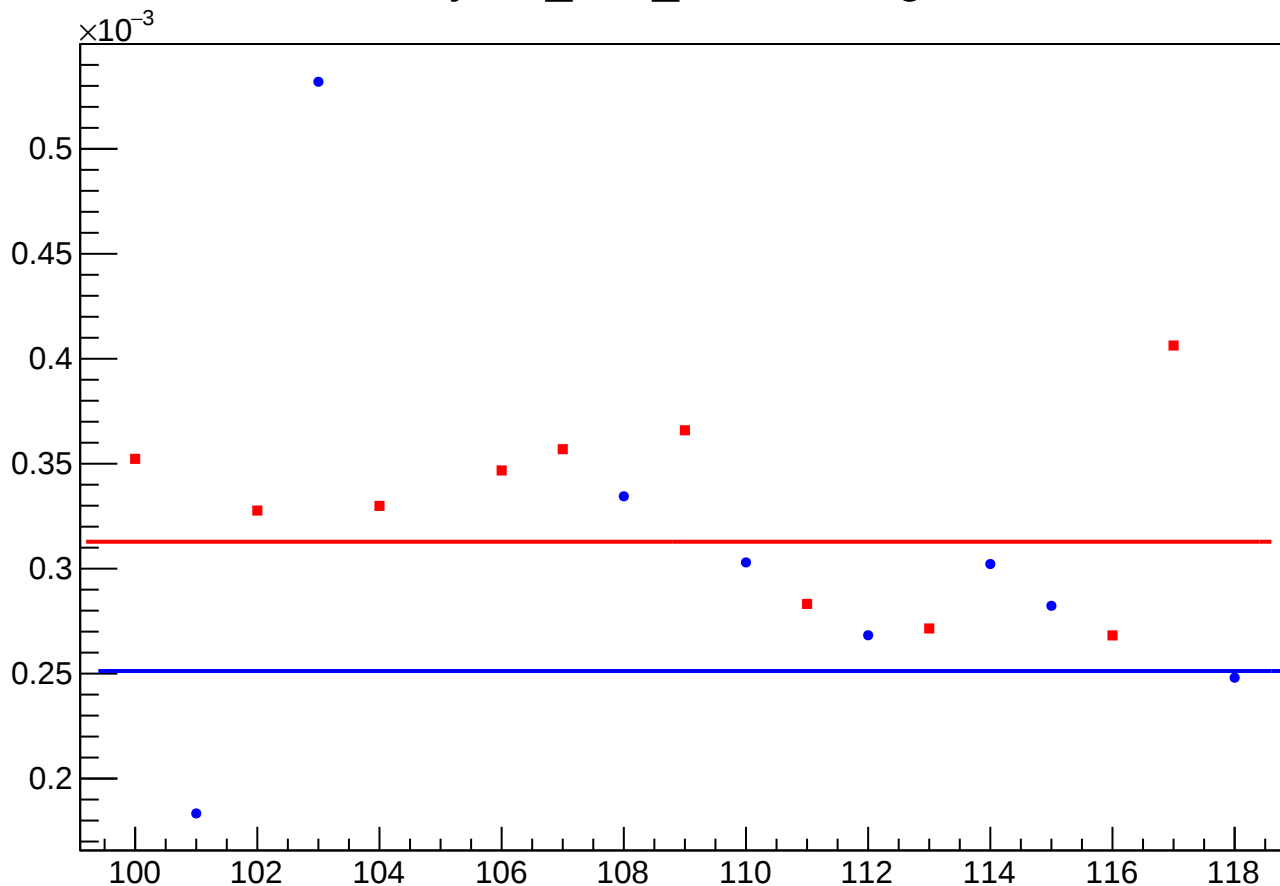
Right Out: 0.027+/-0.000 χ^2/NDF : 2868036672.9/9

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

0.022+/-0.000 χ^2/NDF : 3117429299.8/7

0.027+/-0.000 χ^2/NDF : 2868036672.9/9

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 508402.2/7

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

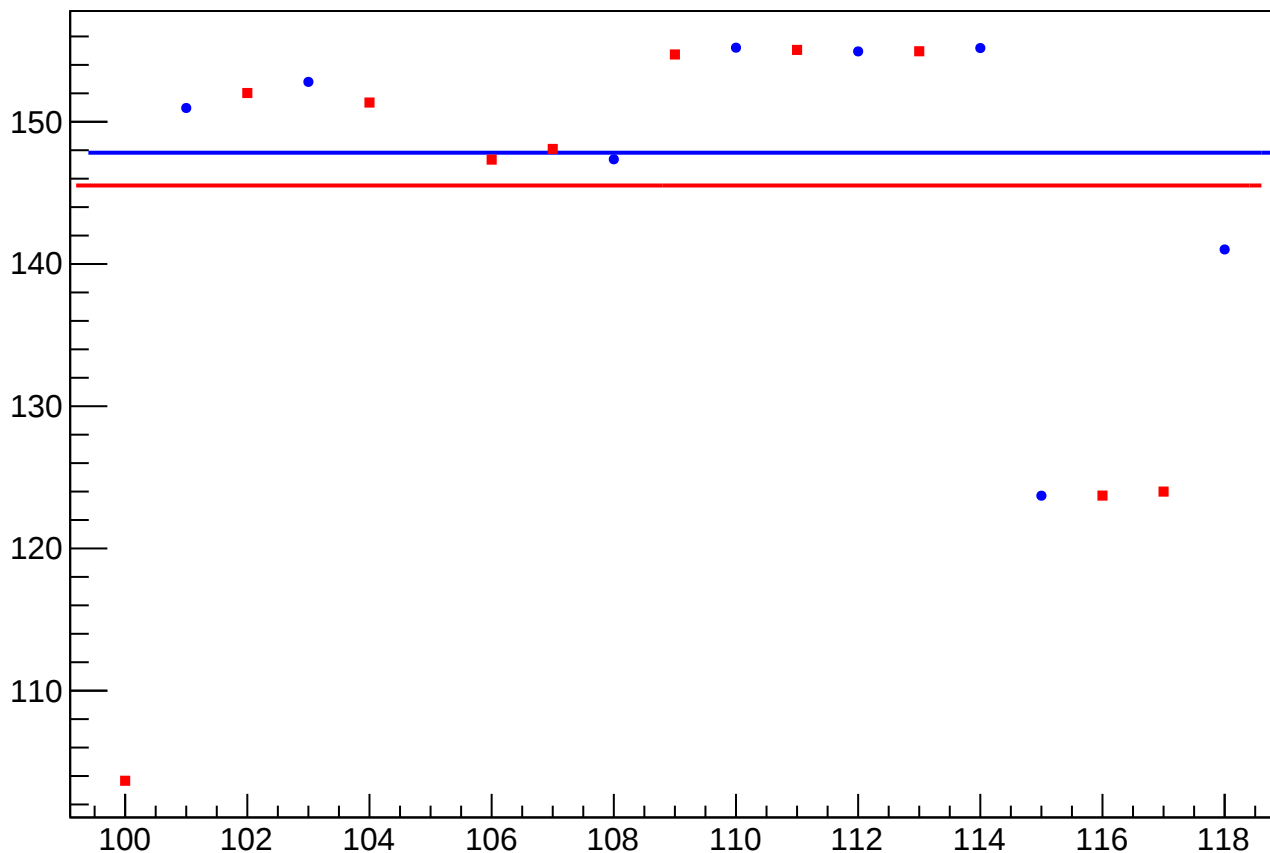
Right Out: 0.000+/-0.000 χ^2/NDF : 83304.0/9

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

0.000+/-0.000 χ^2/NDF : 508402.2/7

0.000+/-0.000 χ^2/NDF : 83304.0/9

yield_bcm_an_ds_mean vs Slug



Right In: 147.825+/-0.000 χ^2/NDF : 1794835412.4/7

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

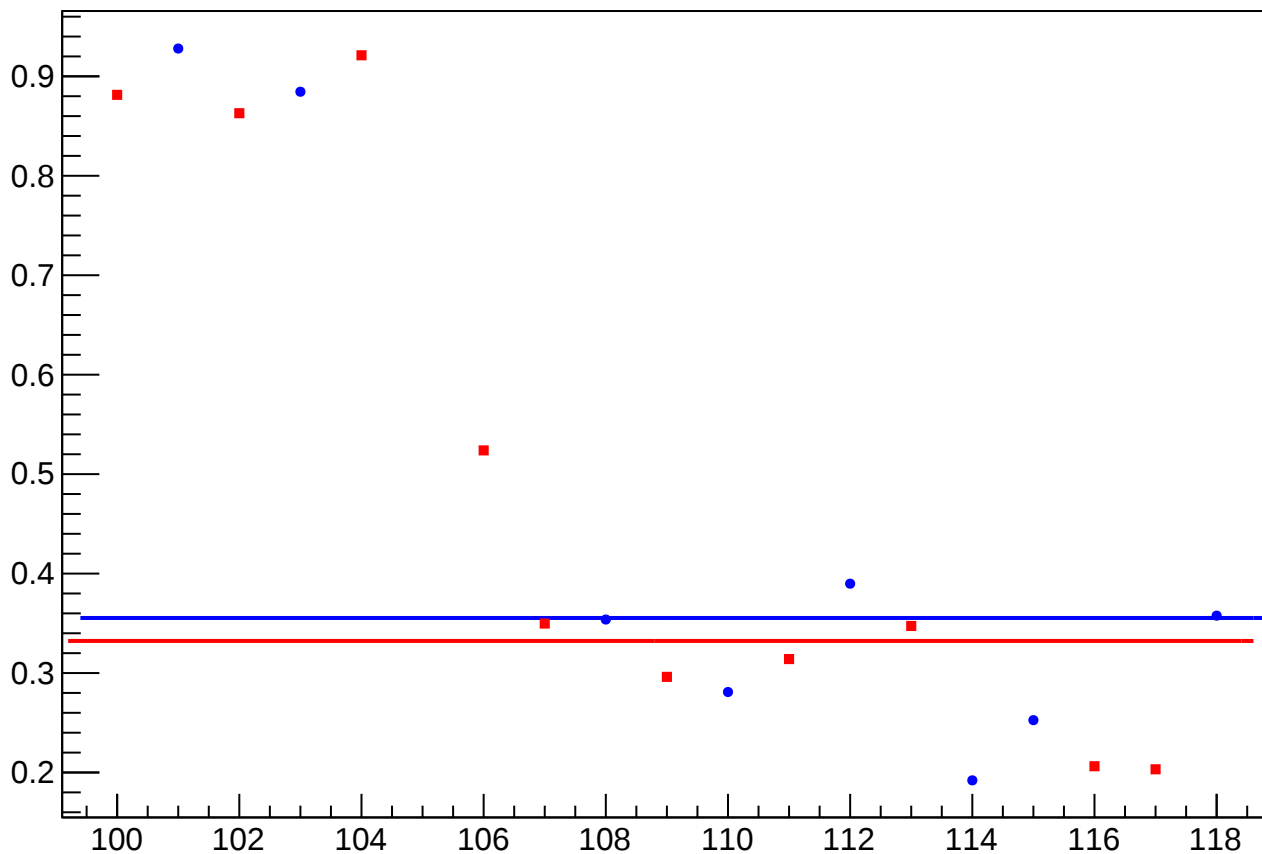
Right Out: 145.521+/-0.000 χ^2/NDF : 4221836859.1/9

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

147.825+/-0.000 χ^2/NDF : 1794835412.4/7

145.521+/-0.000 χ^2/NDF : 4221836859.1/9

yield_bcm_an_ds_rms vs Slug



Right In: 0.355+/-0.000 χ^2/NDF : 1053841.9/7

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

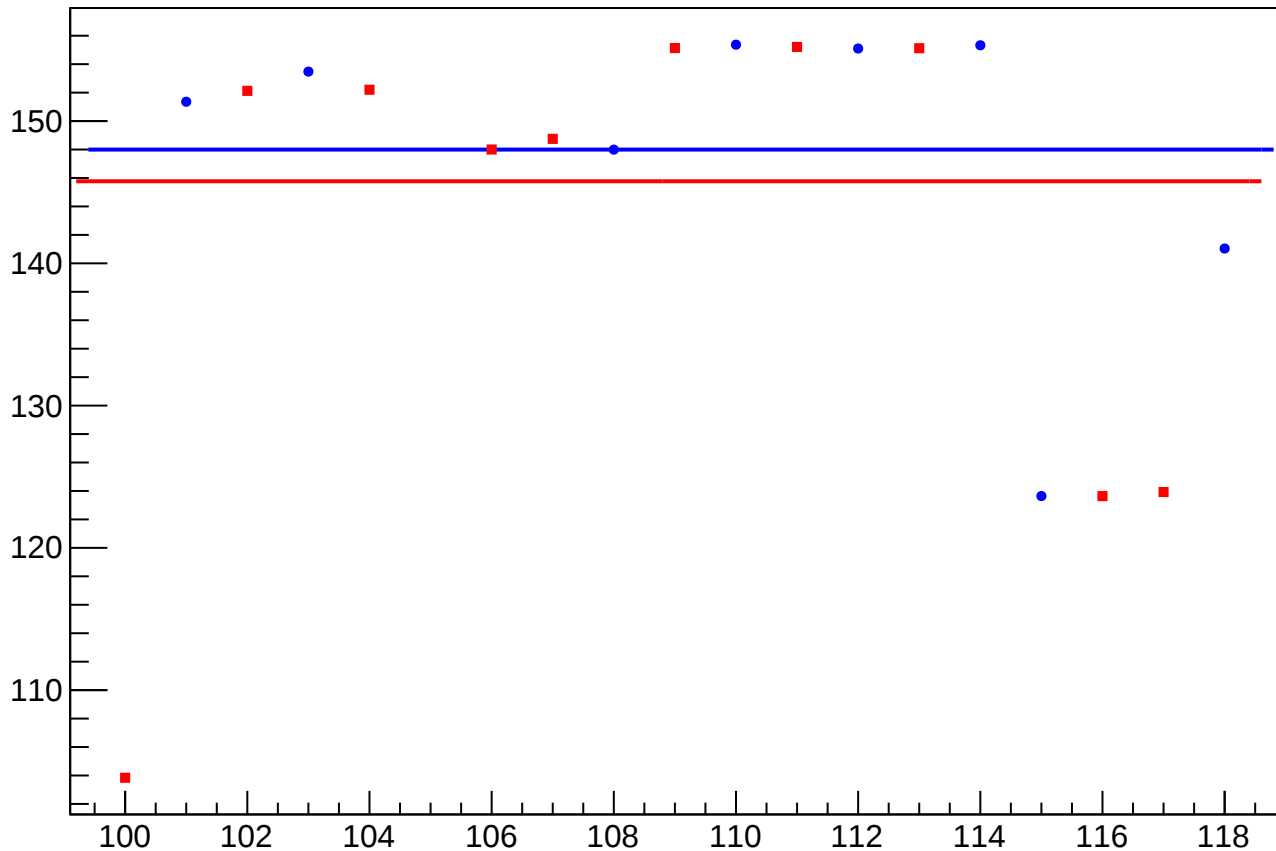
Right Out: 0.332+/-0.000 χ^2/NDF : 1124909.3/9

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

0.355+/-0.000 χ^2/NDF : 1053841.9/7

0.332+/-0.000 χ^2/NDF : 1124909.3/9

yield_bcm_an_ds3_mean vs Slug



Right In: 147.996 $\pm$ 0.000 χ^2 /NDF: 1802703545.2/7

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

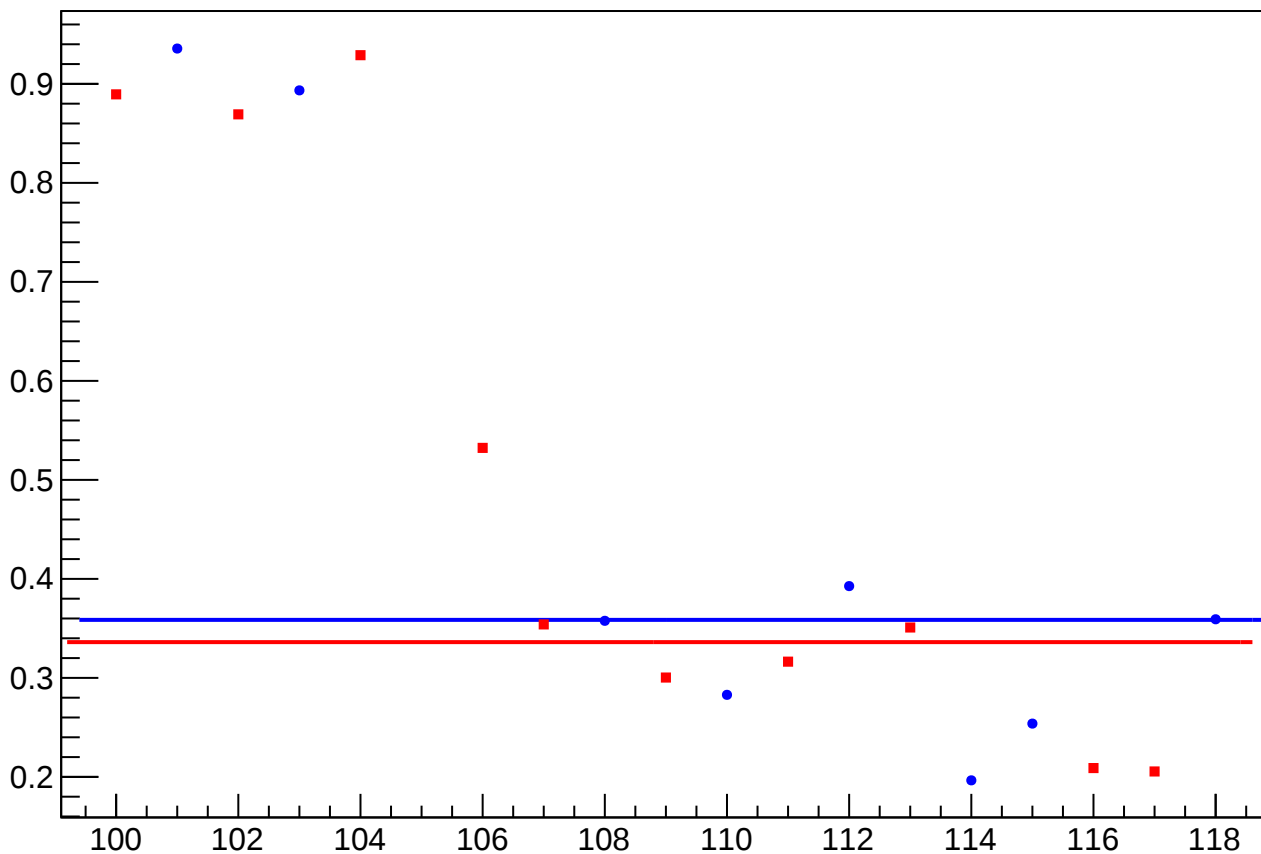
147.996 $\pm$ 0.000 χ^2 /NDF: 1802703545.2/7

Right Out: 145.769 $\pm$ 0.000 χ^2 /NDF: 4229074194.2/9

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

145.769 $\pm$ 0.000 χ^2 /NDF: 4229074194.2/9

yield_bcm_an_ds3_rms vs Slug



Right In: 0.359+/-0.000 χ^2/NDF : 1049411.7/7

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

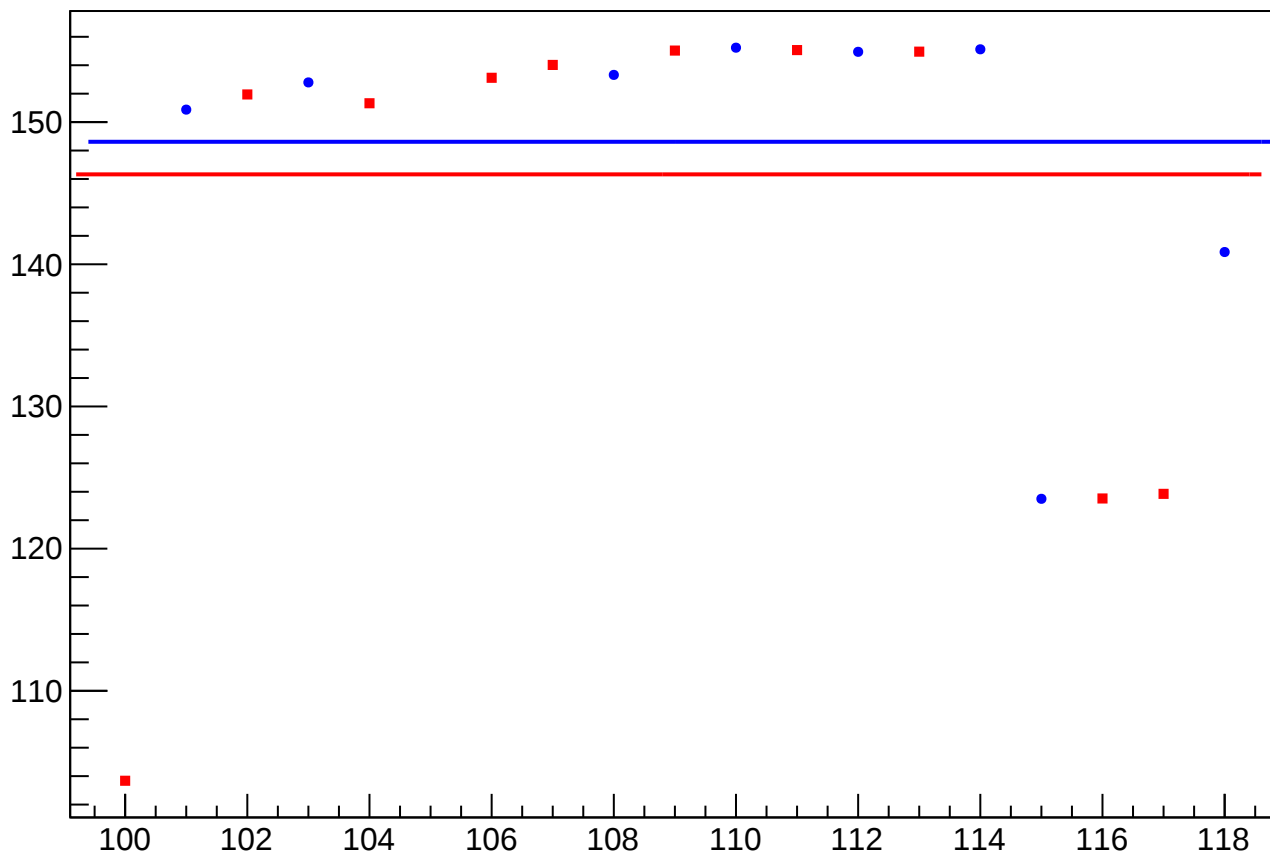
Right Out: 0.336+/-0.000 χ^2/NDF : 1121841.9/9

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

0.359+/-0.000 χ^2/NDF : 1049411.7/7

0.336+/-0.000 χ^2/NDF : 1121841.9/9

yield_bcm_an_us_mean vs Slug



Right In: 148.616+/-0.000 χ^2/NDF : 1881143882.6/7

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

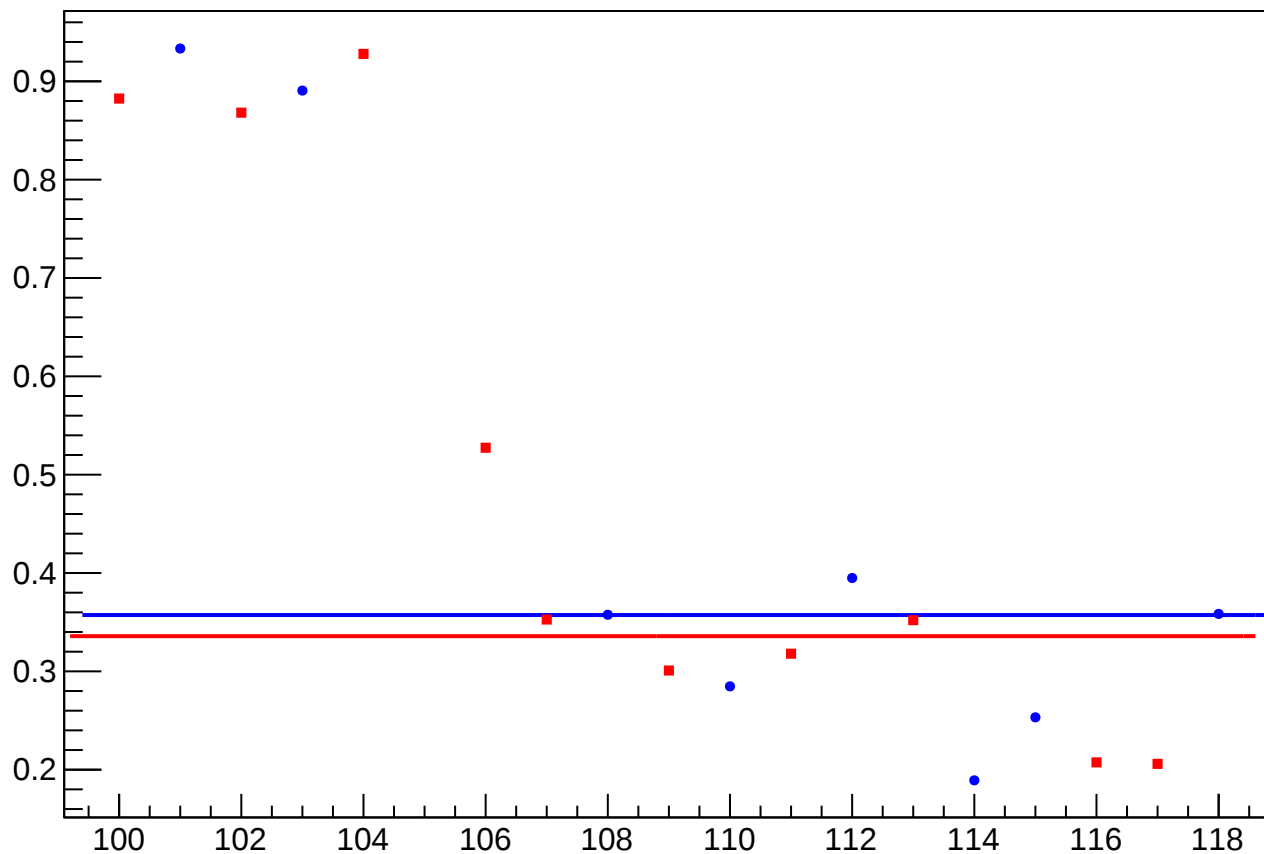
Right Out: 146.325+/-0.000 χ^2/NDF : 4447407918.5/9

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

148.616+/-0.000 χ^2/NDF : 1881143882.6/7

146.325+/-0.000 χ^2/NDF : 4447407918.5/9

yield_bcm_an_us_rms vs Slug



Right In: 0.357+/-0.000 χ^2/NDF : 1062962.6/7

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

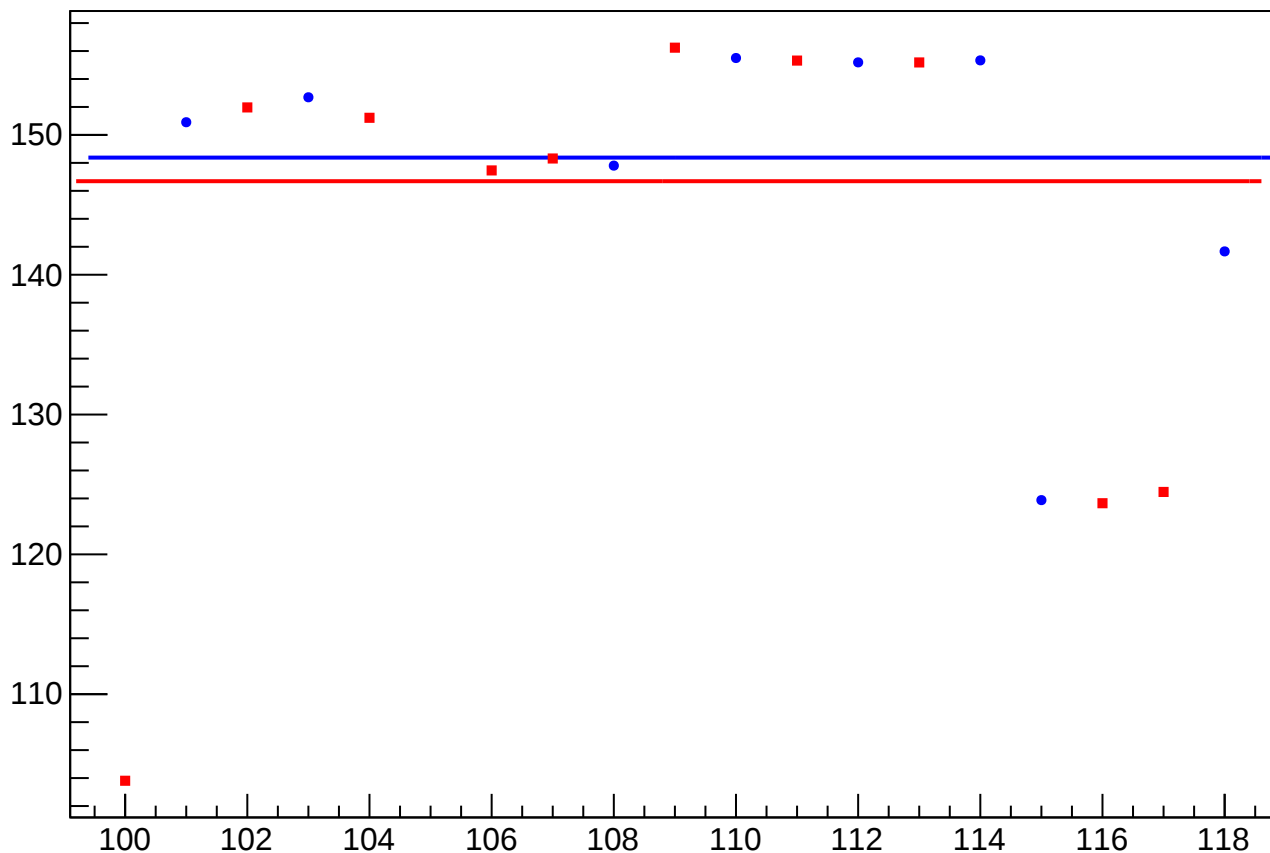
Right Out: 0.336+/-0.000 χ^2/NDF : 1123268.4/9

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

0.357+/-0.000 χ^2/NDF : 1062962.6/7

0.336+/-0.000 χ^2/NDF : 1123268.4/9

yield_bcm_dg_us_mean vs Slug



Right In: 148.378+/-0.000 χ^2/NDF : 1591770035.8/7

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

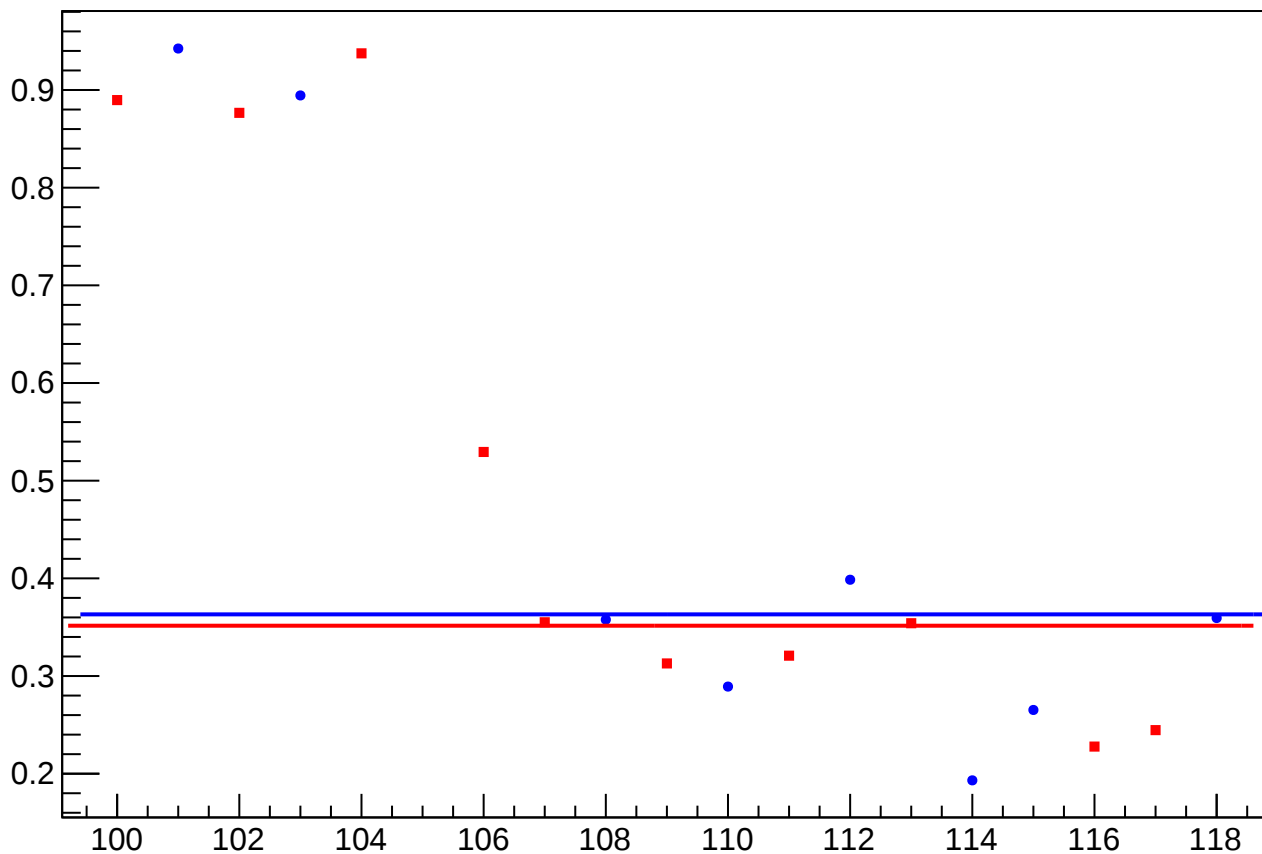
Right Out: 146.690+/-0.000 χ^2/NDF : 3759031025.9/9

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

148.378+/-0.000 χ^2/NDF : 1591770035.8/7

146.690+/-0.000 χ^2/NDF : 3759031025.9/9

yield_bcm_dg_us_rms vs Slug



Right In: 0.363+/-0.000 χ^2/NDF : 1040937.2/7

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

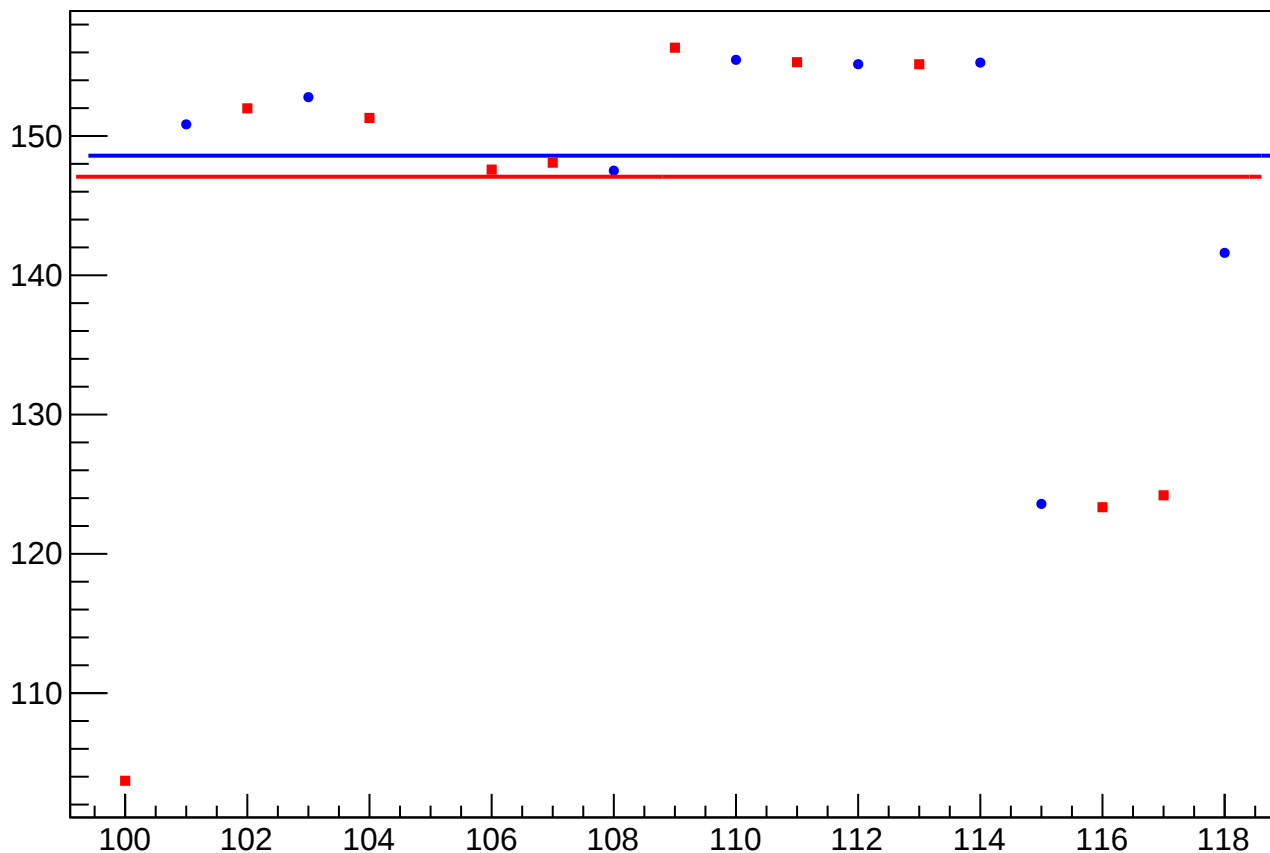
Right Out: 0.352+/-0.000 χ^2/NDF : 1028644.4/9

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

0.363+/-0.000 χ^2/NDF : 1040937.2/7

0.352+/-0.000 χ^2/NDF : 1028644.4/9

yield_bcm_dg_ds_mean vs Slug



Right In: 148.587+/-0.000 χ^2/NDF : 1597051856.1/7

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

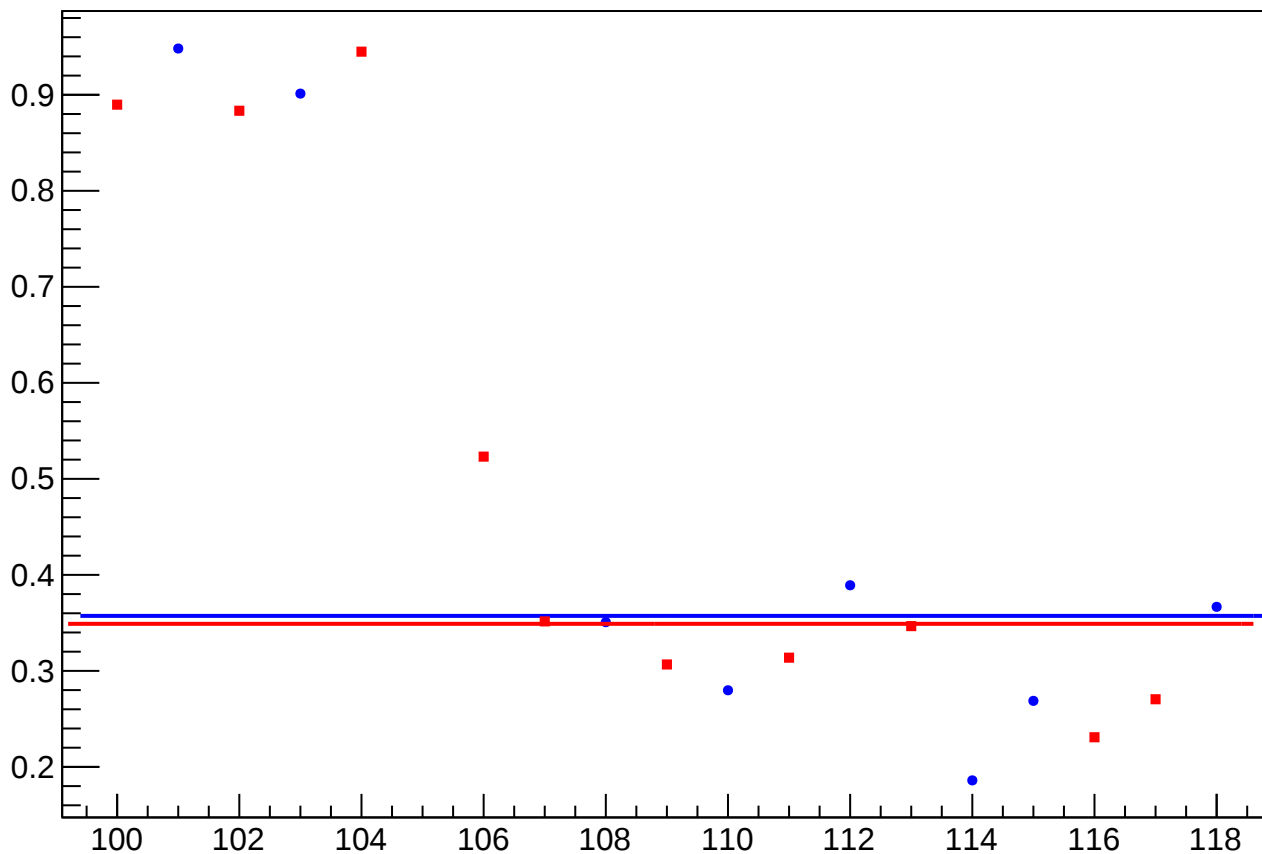
Right Out: 147.077+/-0.000 χ^2/NDF : 3739891523.0/9

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

148.587+/-0.000 χ^2/NDF : 1597051856.1/7

147.077+/-0.000 χ^2/NDF : 3739891523.0/9

yield_bcm_dg_ds_rms vs Slug



Right In: 0.357+/-0.000 χ^2/NDF : 1076246.2/7

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

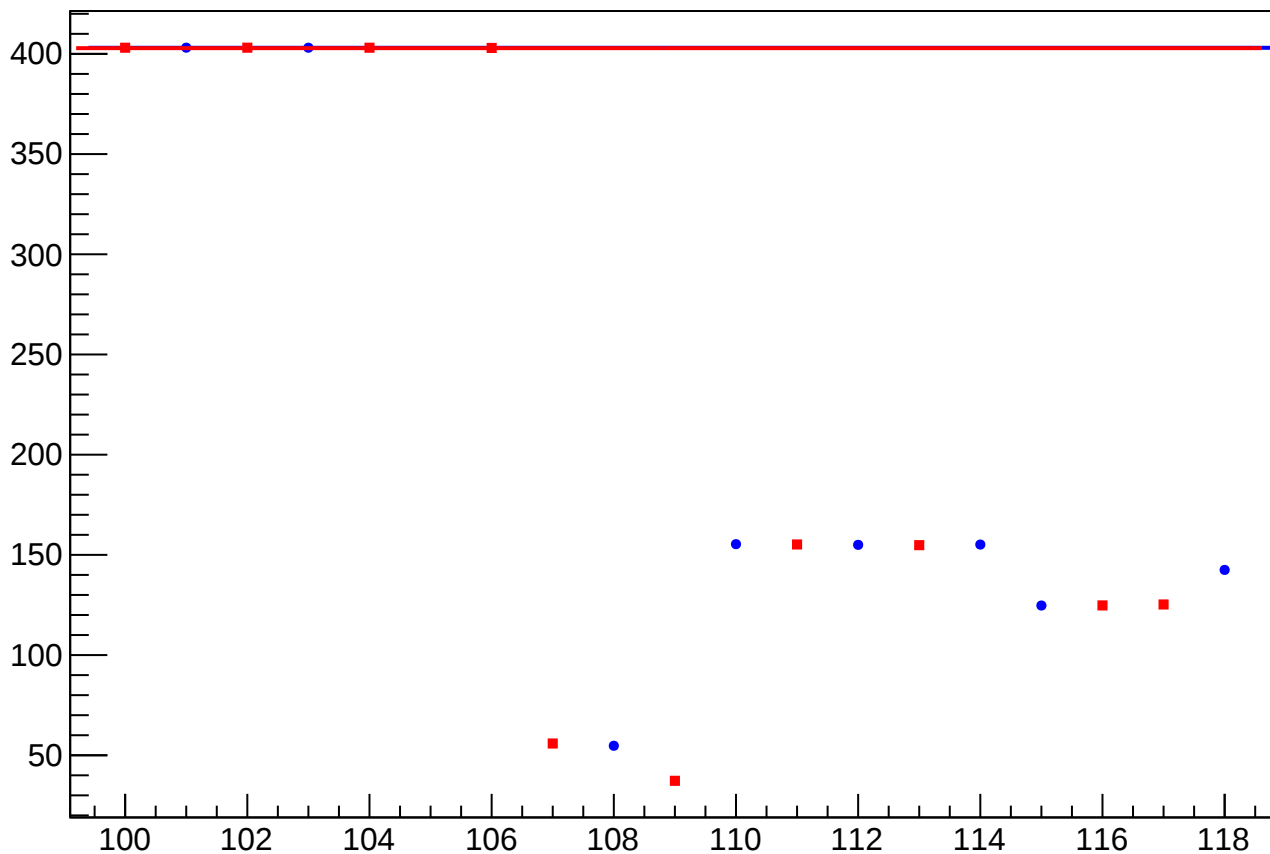
Right Out: 0.349+/-0.000 χ^2/NDF : 1025326.8/9

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

0.357+/-0.000 χ^2/NDF : 1076246.2/7

0.349+/-0.000 χ^2/NDF : 1025326.8/9

yield_cav4bQ_mean vs Slug



Right In: 403.040 $\pm$ 0.000 χ^2 /NDF: 434318240556.2/7

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

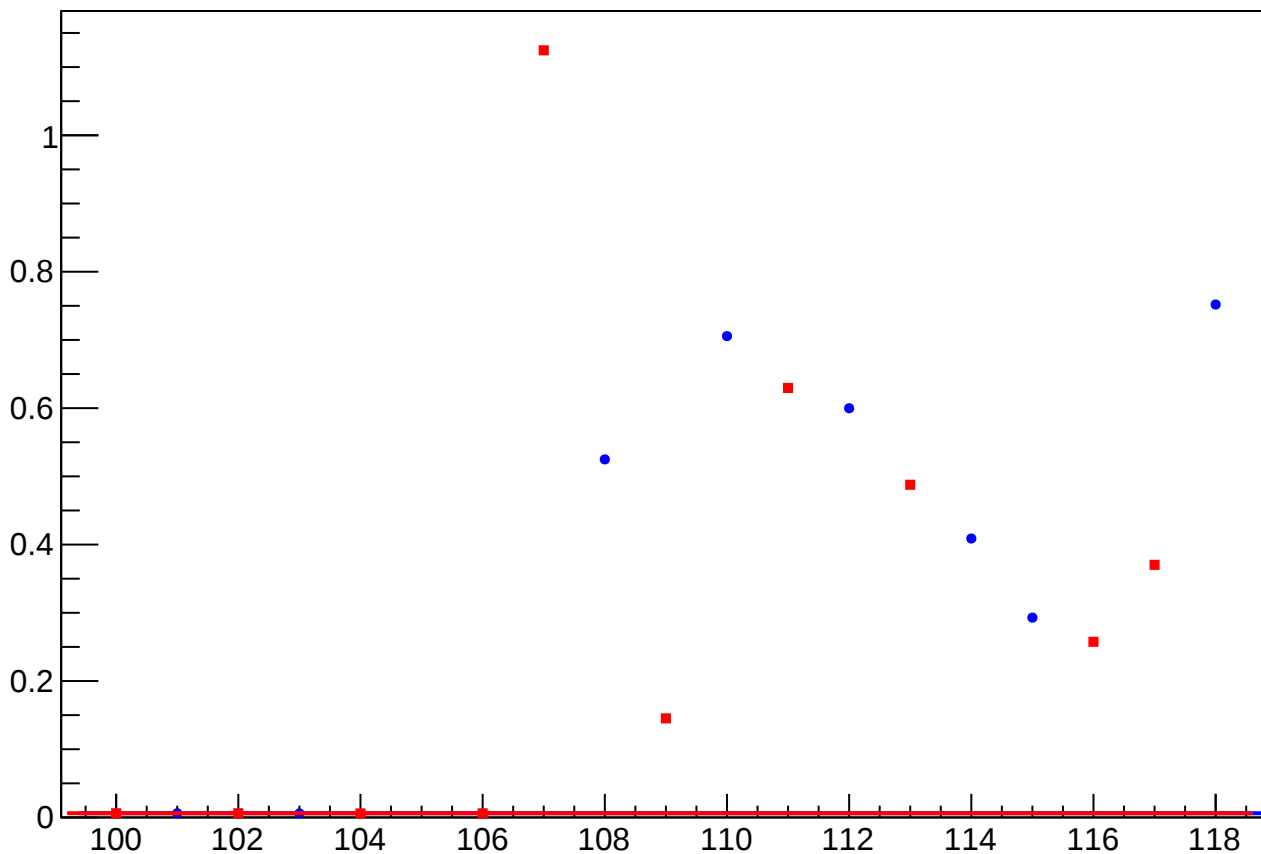
Right Out: 402.859 $\pm$ 0.000 χ^2 /NDF: 2550436057609.0/9

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

403.040 $\pm$ 0.000 χ^2 /NDF: 434318240556.2/7

402.859 $\pm$ 0.000 χ^2 /NDF: 2550436057609.0/9

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 3177063.0/7

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

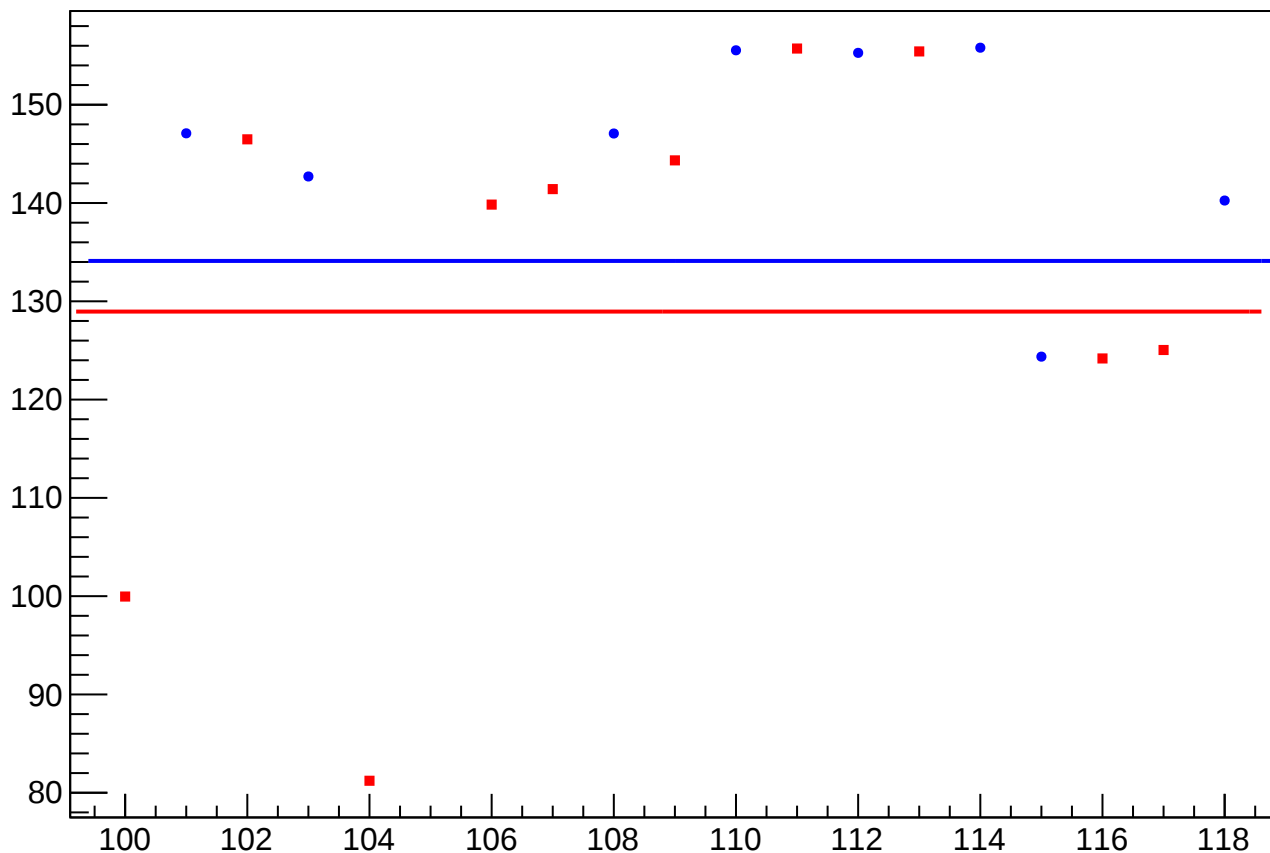
Right Out: 0.006+/-0.000 χ^2/NDF : 3193325.3/9

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

0.006+/-0.000 χ^2/NDF : 3177063.0/7

0.006+/-0.000 χ^2/NDF : 3193325.3/9

yield_cav4cQ_mean vs Slug



Right In: 134.108 $\pm$ 0.001 χ^2 /NDF: 427783521.6/7

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

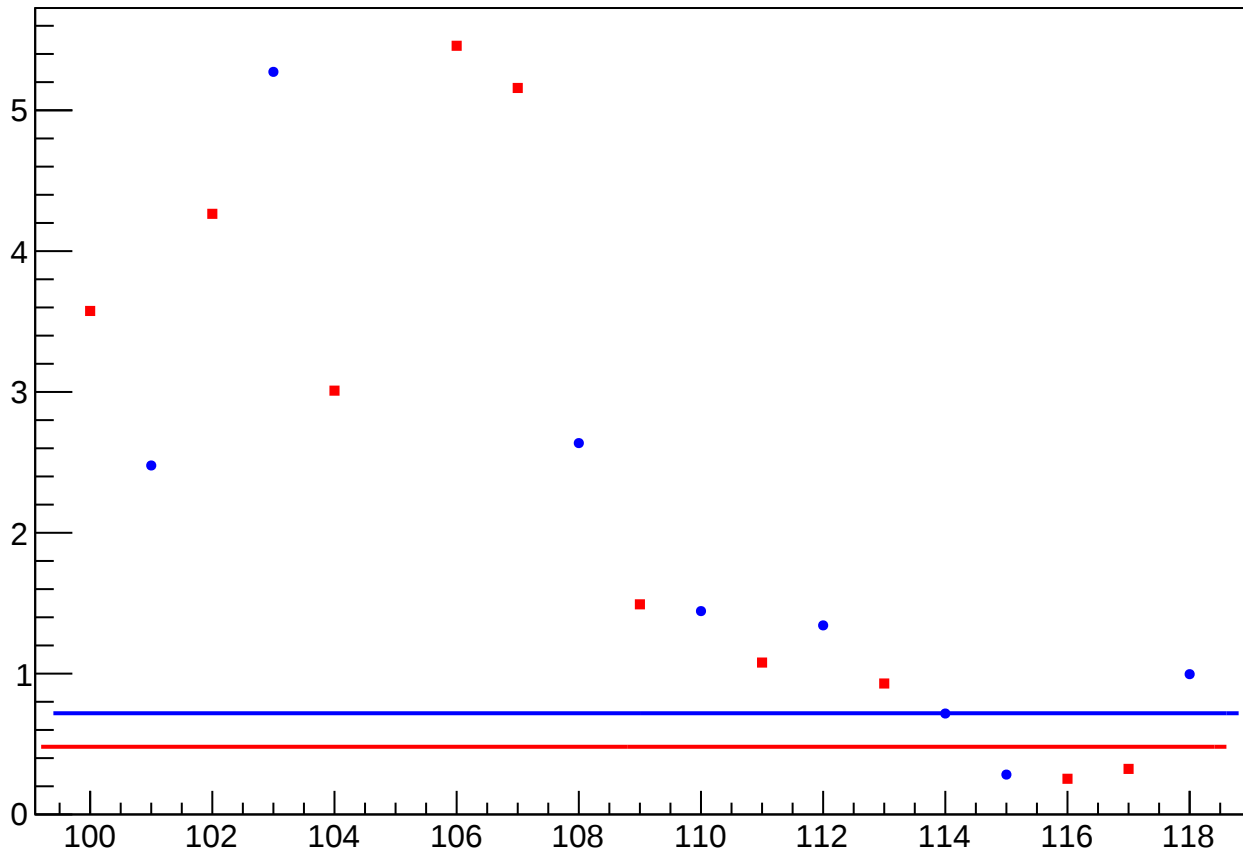
Right Out: 128.954 $\pm$ 0.000 χ^2 /NDF: 720718061.6/9

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

134.108 $\pm$ 0.001 χ^2 /NDF: 427783521.6/7

128.954 $\pm$ 0.000 χ^2 /NDF: 720718061.6/9

yield_cav4cQ_rms vs Slug



Right In: 0.719+/-0.000 χ^2/NDF : 2672883.4/7

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

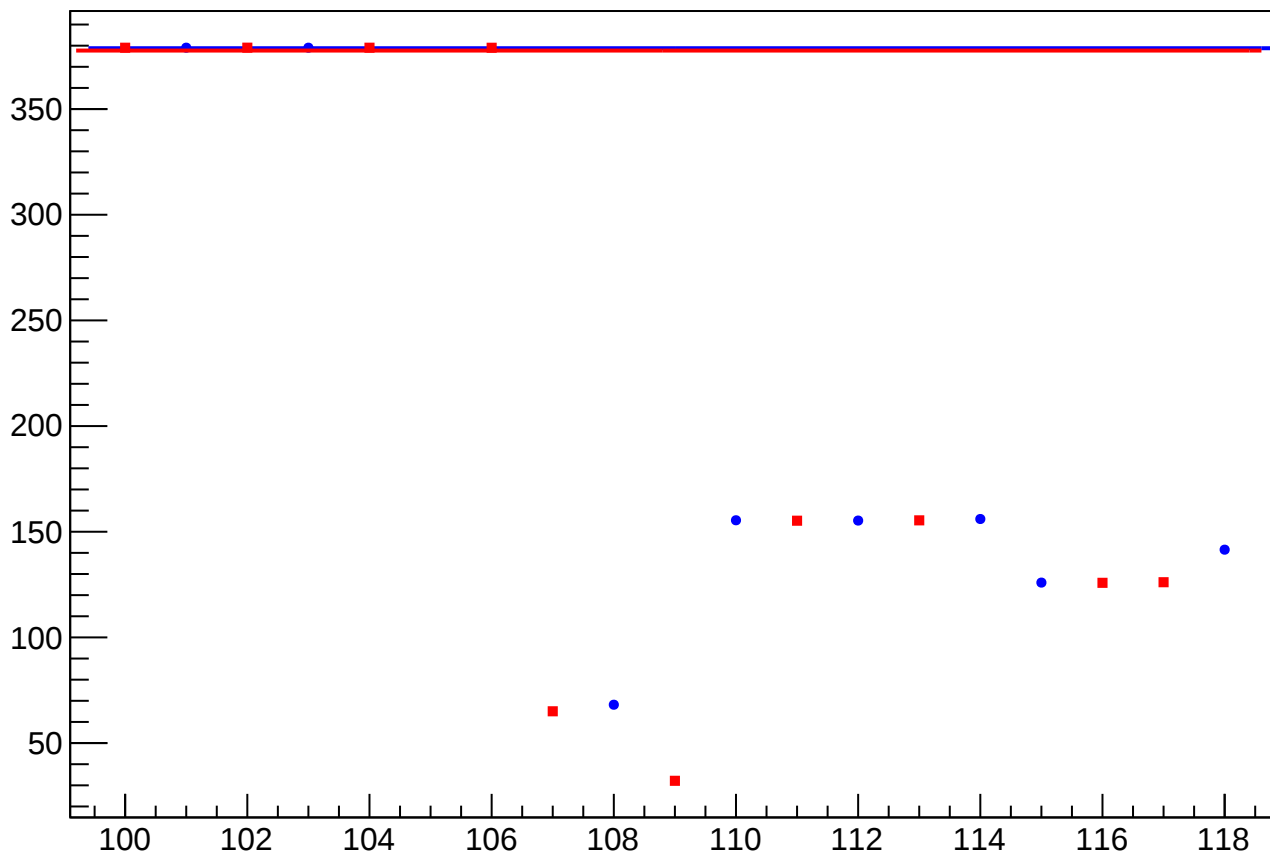
Right Out: 0.481+/-0.000 χ^2/NDF : 3650739.1/9

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

0.719+/-0.000 χ^2/NDF : 2672883.4/7

0.481+/-0.000 χ^2/NDF : 3650739.1/9

yield_cav4dQ_mean vs Slug



Right In: 378.790 $\pm$ 0.000 χ^2 /NDF: 915428519044.3/7

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

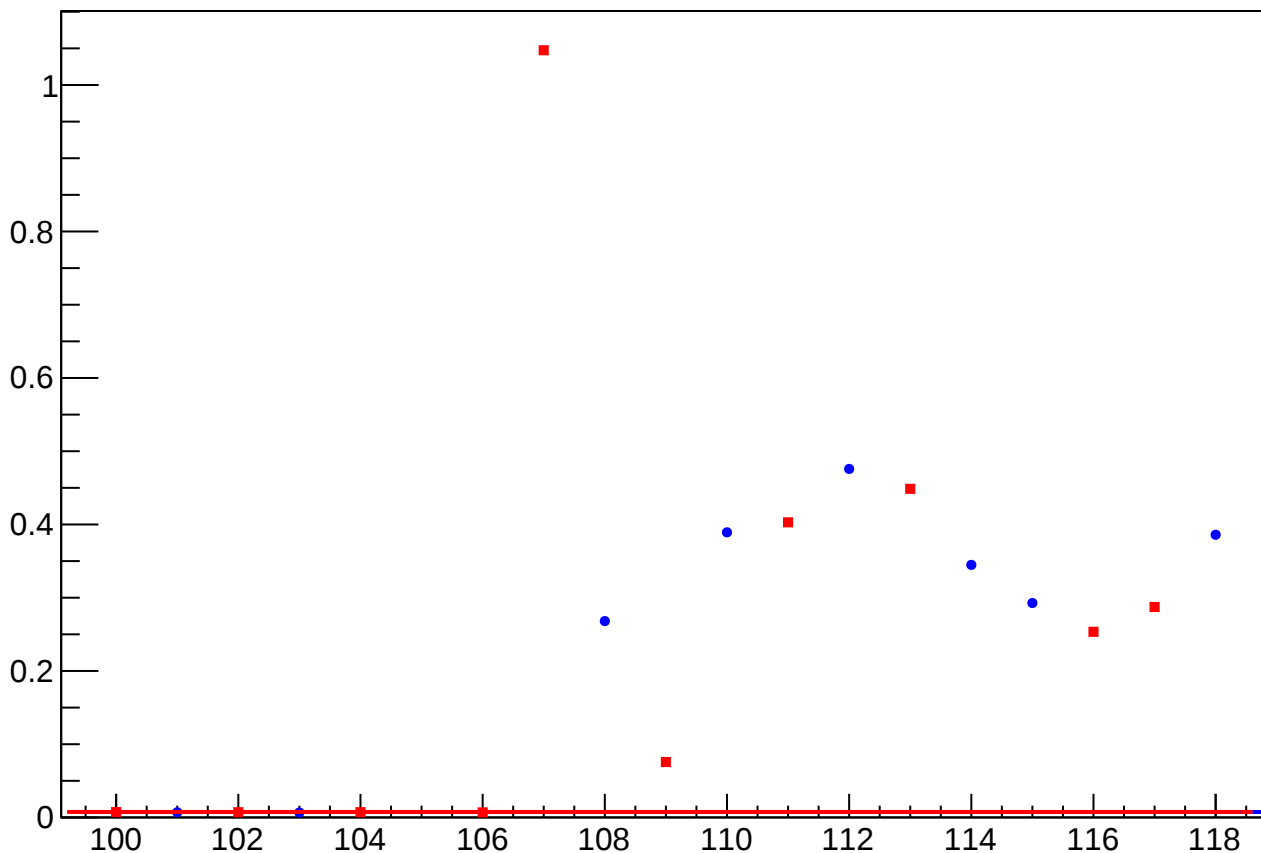
Right Out: 377.689 $\pm$ 0.000 χ^2 /NDF: 6862456910611.3/9

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

378.790 $\pm$ 0.000 χ^2 /NDF: 915428519044.3/7

377.689 $\pm$ 0.000 χ^2 /NDF: 6862456910611.3/9

yield_cav4dQ_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 3336852.7/7

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

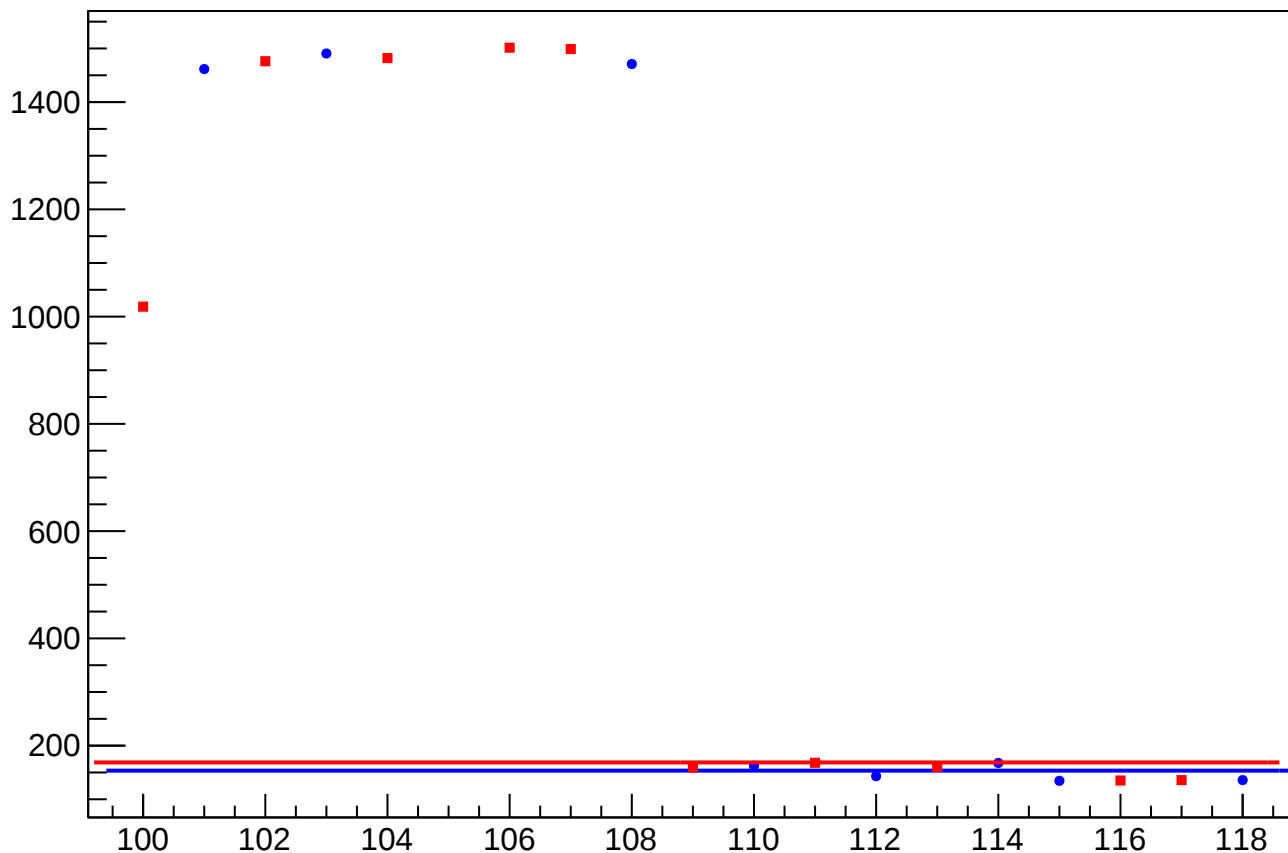
Right Out: 0.008+/-0.000 χ^2/NDF : 3124439.4/9

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

0.007+/-0.000 χ^2/NDF : 3336852.7/7

0.008+/-0.000 χ^2/NDF : 3124439.4/9

yield_bcm0l02_mean vs Slug



Right In: 153.417 $\pm$ 0.001 χ^2 /NDF: 24057204952.9/7

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

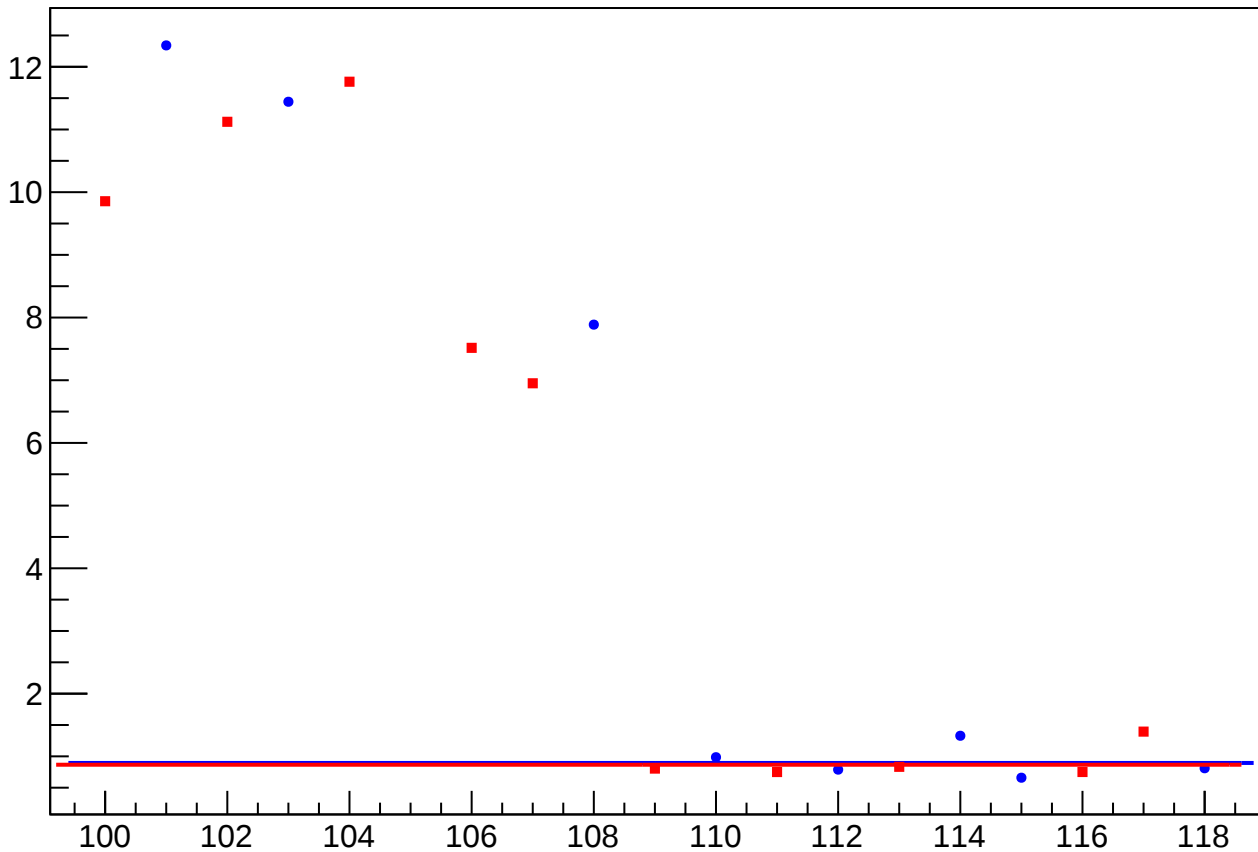
Right Out: 168.695 $\pm$ 0.001 χ^2 /NDF: 32730422606.7/9

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

153.417 $\pm$ 0.001 χ^2 /NDF: 24057204952.9/7

168.695 $\pm$ 0.001 χ^2 /NDF: 32730422606.7/9

yield_bcm0l02_rms vs Slug



Right In: 0.895+/-0.001 χ^2/NDF : 2527372.3/7

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

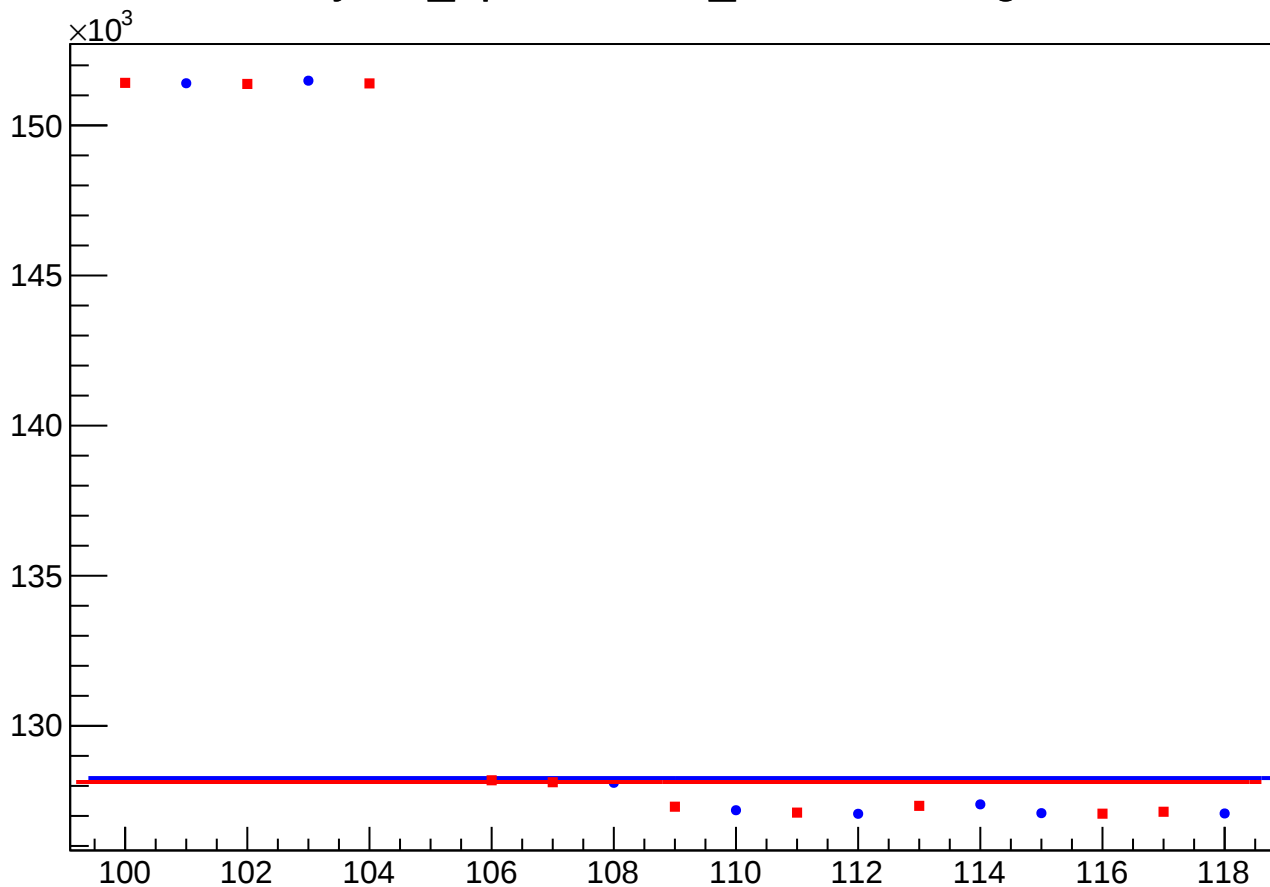
Right Out: 0.866+/-0.000 χ^2/NDF : 2677795.8/9

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

0.895+/-0.001 χ^2/NDF : 2527372.3/7

0.866+/-0.000 χ^2/NDF : 2677795.8/9

yield_bpm2i01WS_mean vs Slug



Right In: 128261.202 $\pm$ 0.075 χ^2 /NDF: 4112408062.8/7

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

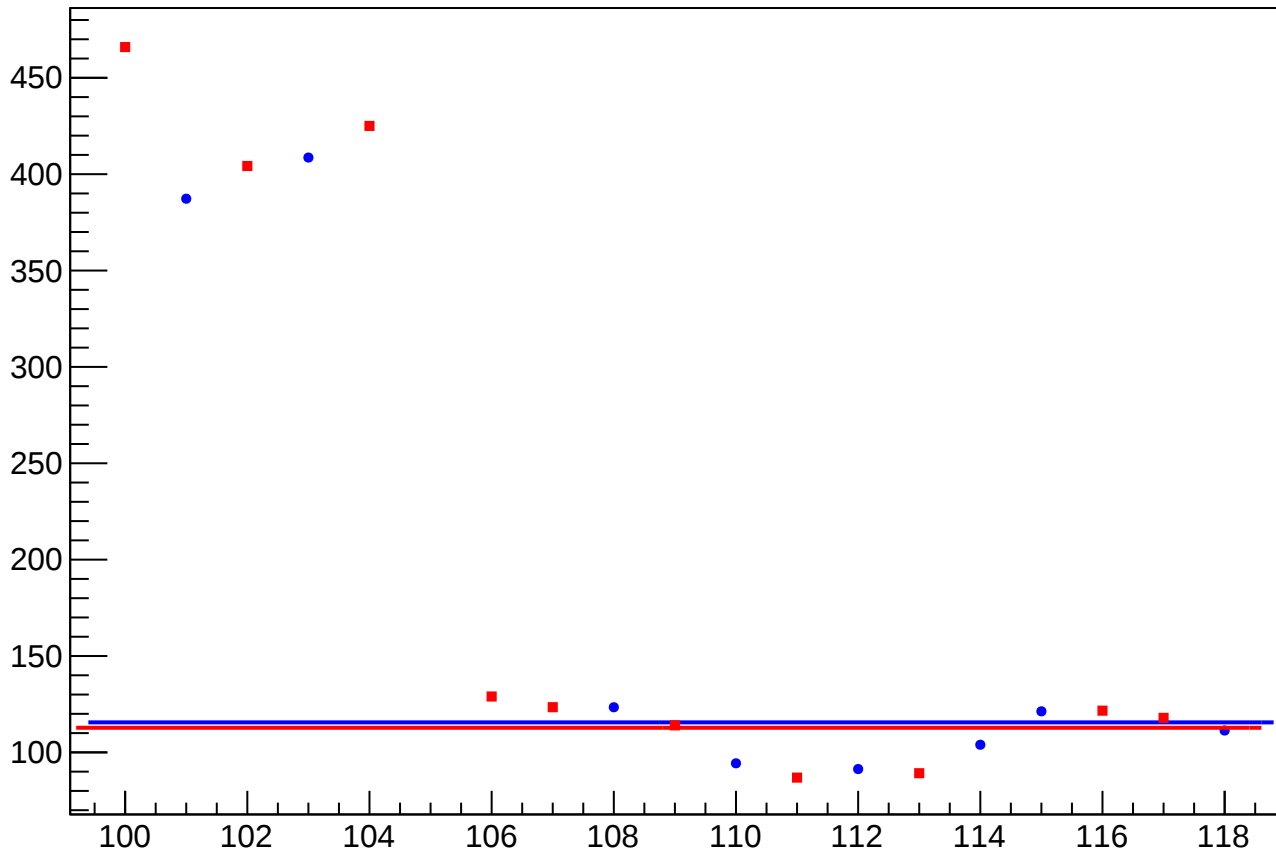
128261.202 $\pm$ 0.075 χ^2 /NDF: 4112408062.8/7

Right Out: 128130.116 $\pm$ 0.069 χ^2 /NDF: 3591182271.6/9

128130.116 $\pm$ 0.069 χ^2 /NDF: 3591182271.6/9

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

yield_bpm2i01WS_rms vs Slug



Right In: 115.565+/-0.053 χ^2/NDF : 1260012.6/7

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

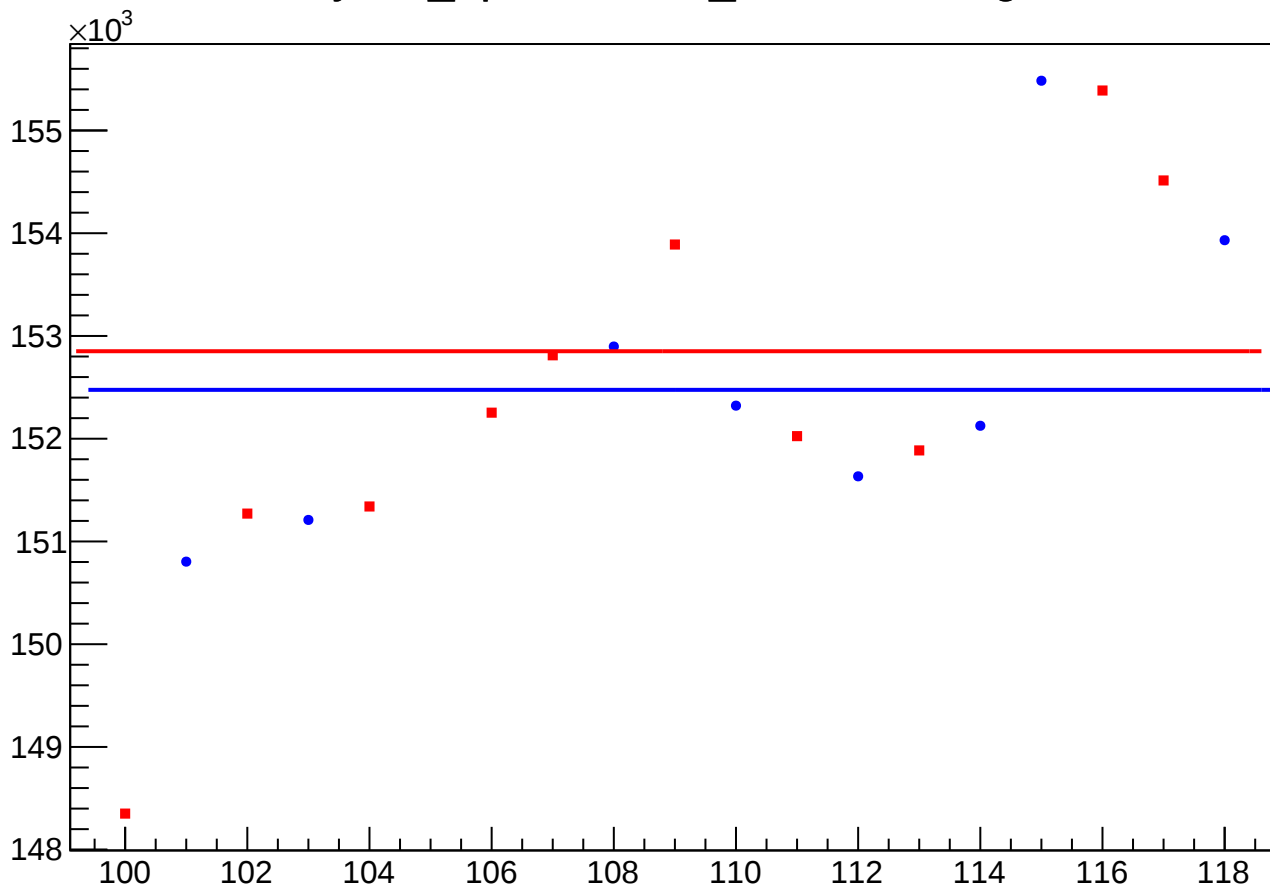
115.565+/-0.053 χ^2/NDF : 1260012.6/7

Right Out: 112.770+/-0.049 χ^2/NDF : 1329328.9/9

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

112.770+/-0.049 χ^2/NDF : 1329328.9/9

yield_bpm0i07WS_mean vs Slug



Right In: 152475.562 $\pm$ 0.115 χ^2 /NDF: 81847354.8/7

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

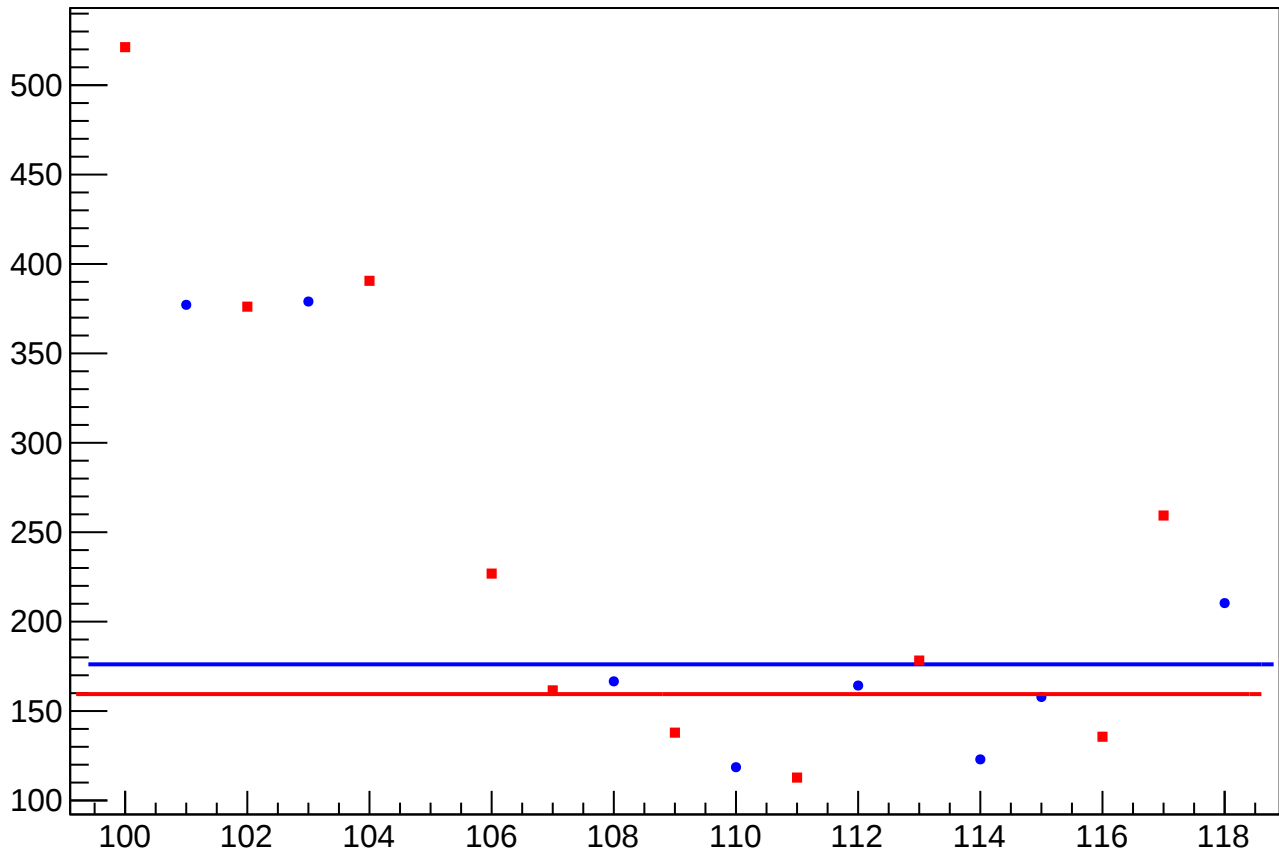
152475.562 $\pm$ 0.115 χ^2 /NDF: 81847354.8/7

Right Out: 152851.449 $\pm$ 0.098 χ^2 /NDF: 151468979.7/9

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

152851.449 $\pm$ 0.098 χ^2 /NDF: 151468979.7/9

yield_bpm0i07WS_rms vs Slug



Right In: 176.117+/-0.081 χ^2/NDF : 864892.7/7

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

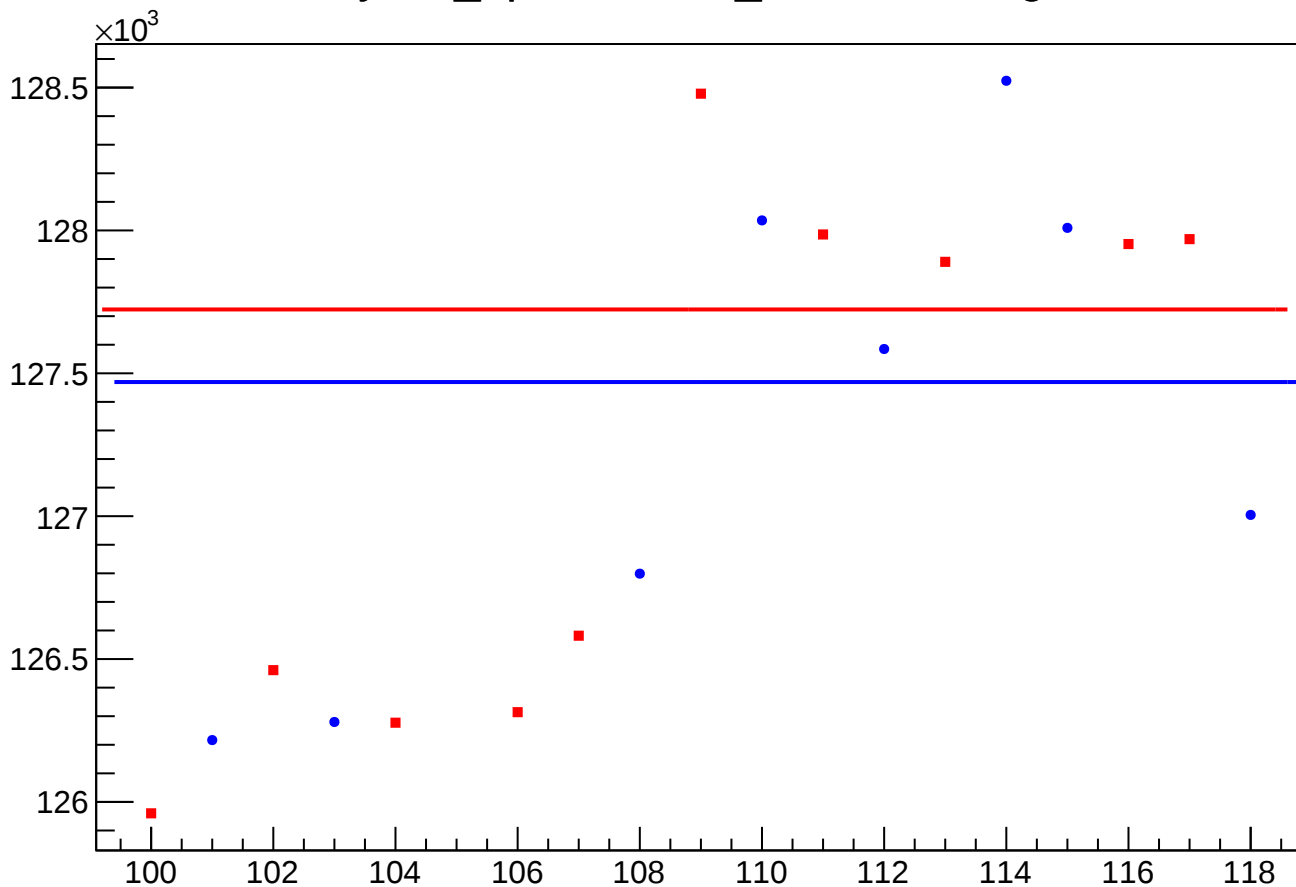
Right Out: 159.471+/-0.069 χ^2/NDF : 1011072.2/9

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

176.117+/-0.081 χ^2/NDF : 864892.7/7

159.471+/-0.069 χ^2/NDF : 1011072.2/9

yield_bpm0l01WS_mean vs Slug



Right In: 127469.439 $\pm$ 0.089 χ^2 /NDF: 54624247.2/7

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

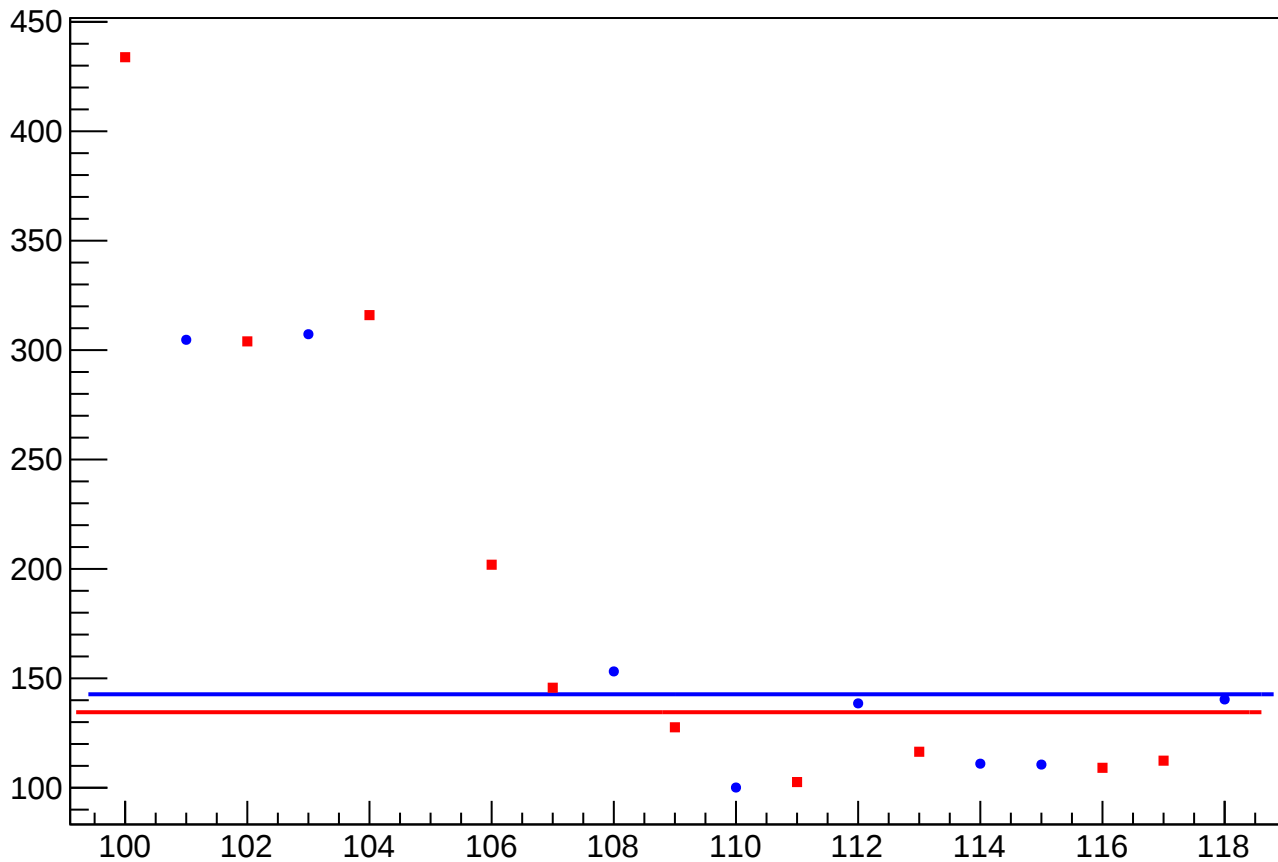
127469.439 $\pm$ 0.089 χ^2 /NDF: 54624247.2/7

Right Out: 127723.469 $\pm$ 0.080 χ^2 /NDF: 76706029.4/9

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

127723.469 $\pm$ 0.080 χ^2 /NDF: 76706029.4/9

yield_bpm0l01WS_rms vs Slug



Right In: 142.717 $\pm$ 0.063 χ^2 /NDF: 820255.2/7

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

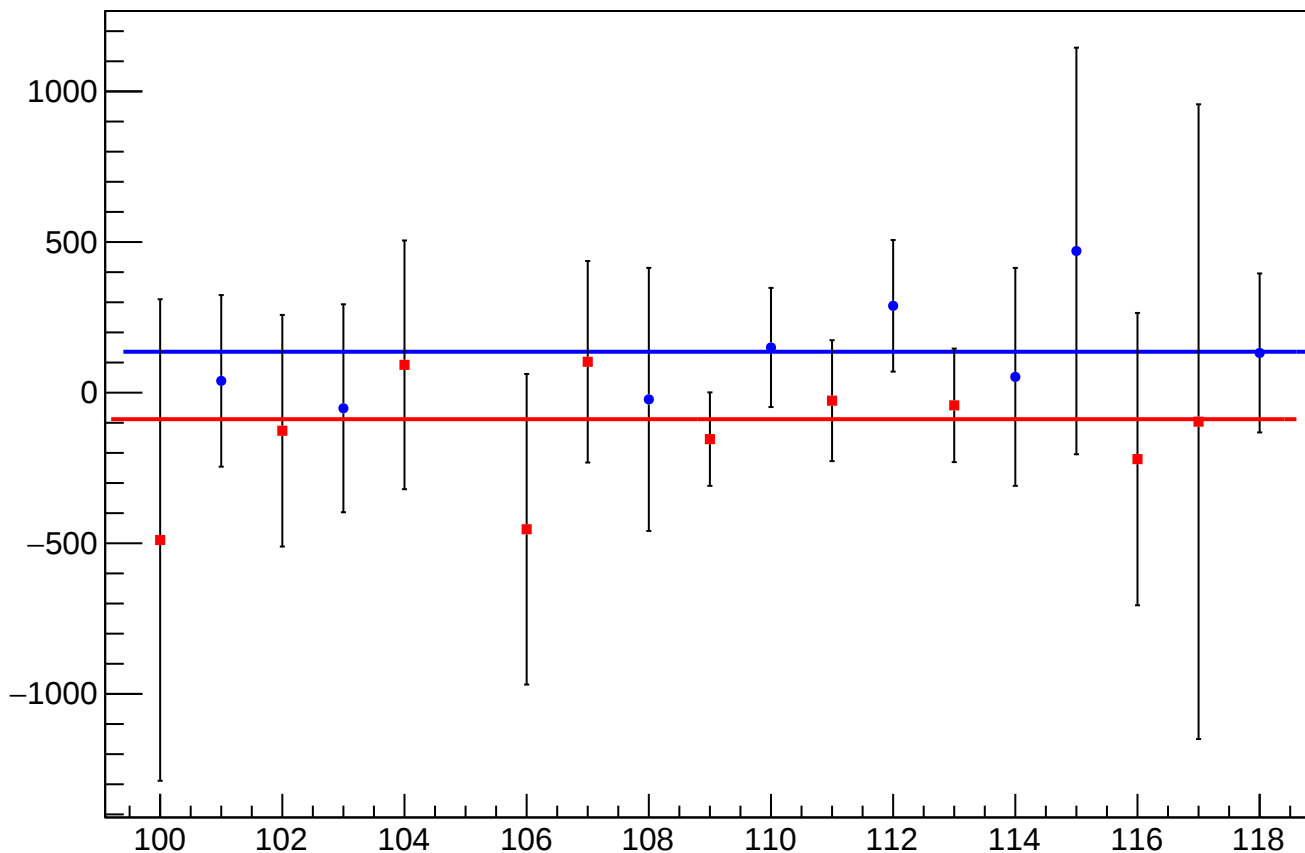
142.717 $\pm$ 0.063 χ^2 /NDF: 820255.2/7

Right Out: 134.520 $\pm$ 0.056 χ^2 /NDF: 924410.1/9

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

134.520 $\pm$ 0.056 χ^2 /NDF: 924410.1/9

asym_bcm_an_ds_mean vs Slug



Right In: 135.825+/-101.697 χ^2/NDF : 1.3/7

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

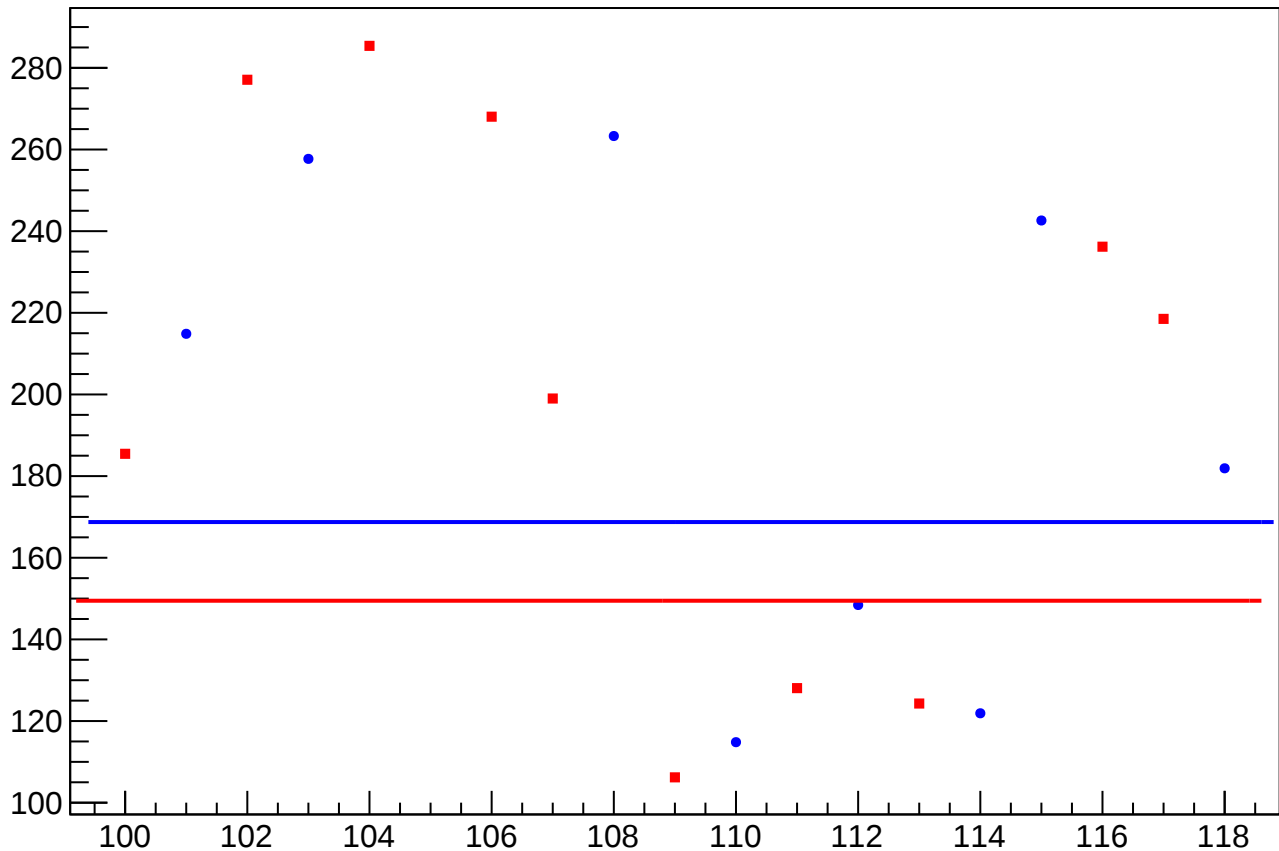
Right Out: -88.058+/-88.892 χ^2/NDF : 1.7/9

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

135.825+/-101.697 χ^2/NDF : 1.3/7

-88.058+/-88.892 χ^2/NDF : 1.7/9

asym_bcm_an_ds_rms vs Slug



Right In: 168.745+/-0.072 χ^2/NDF : 507504.1/7

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

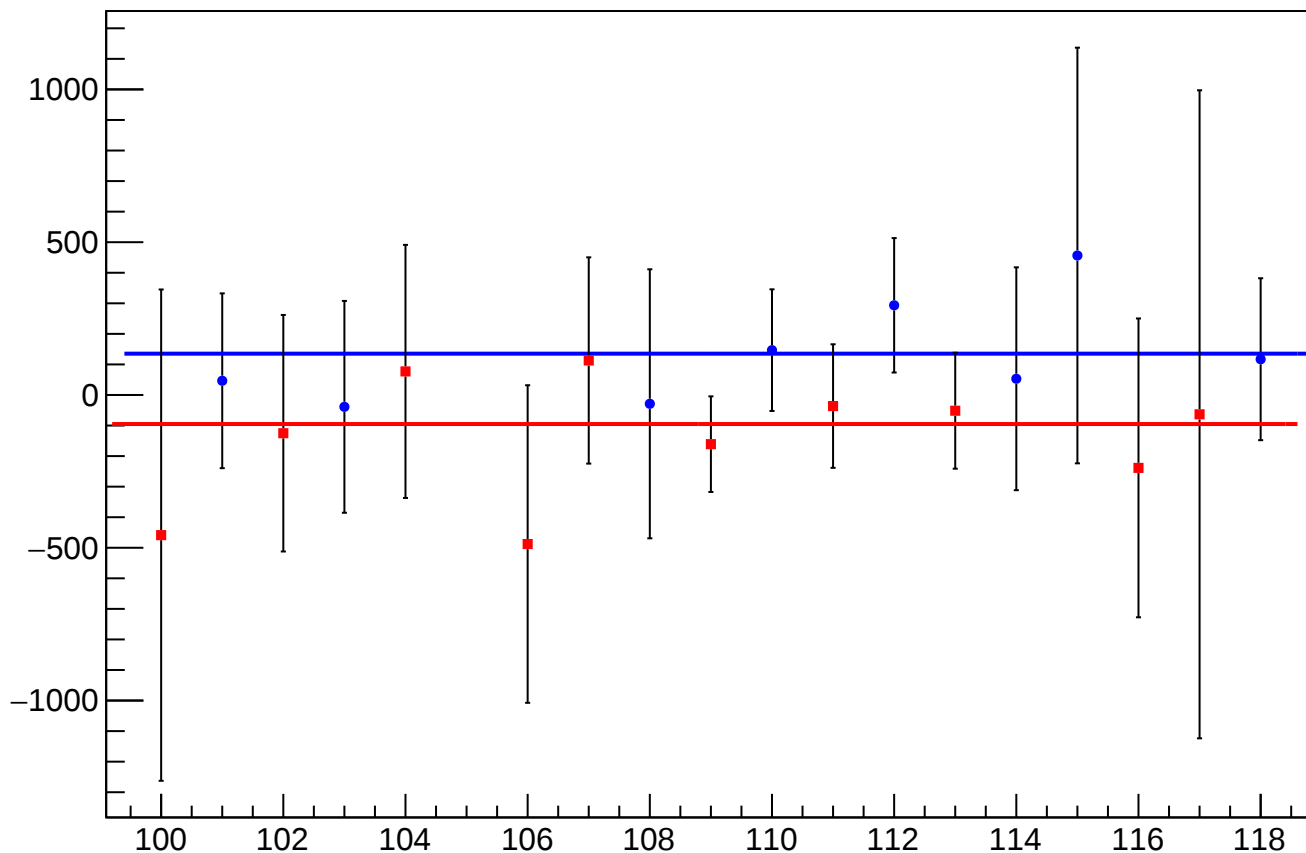
Right Out: 149.471+/-0.063 χ^2/NDF : 877277.0/9

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

168.745+/-0.072 χ^2/NDF : 507504.1/7

149.471+/-0.063 χ^2/NDF : 877277.0/9

asym_bcm_an_ds3_mean vs Slug



Right In: 135.217 $\pm$ 102.307 χ^2 /NDF: 1.3/7

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

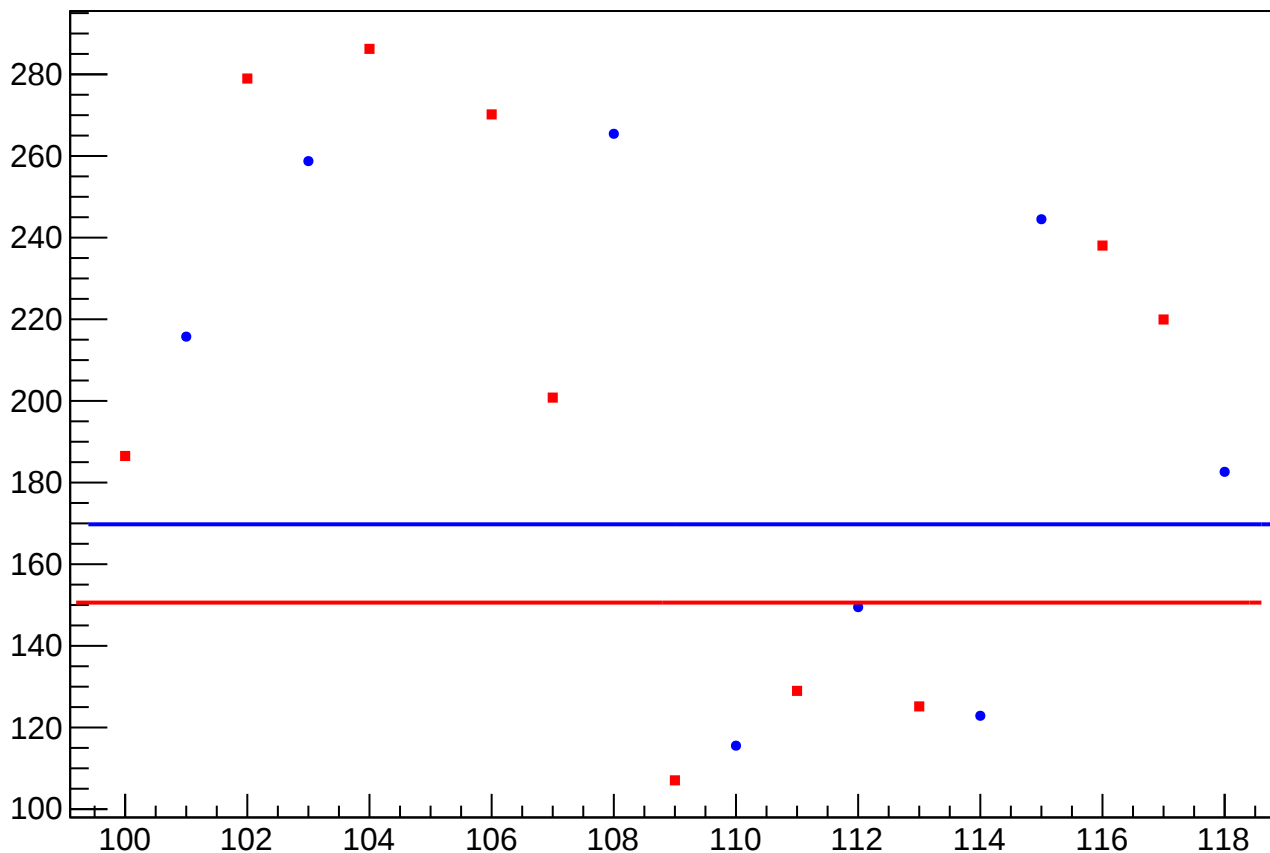
Right Out: -95.088 $\pm$ 89.549 χ^2 /NDF: 1.7/9

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

135.217 $\pm$ 102.307 χ^2 /NDF: 1.3/7

-95.088 $\pm$ 89.549 χ^2 /NDF: 1.7/9

asym_bcm_an_ds3_rms vs Slug



Right In: 169.774+/-0.072 χ^2/NDF : 505329.8/7

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

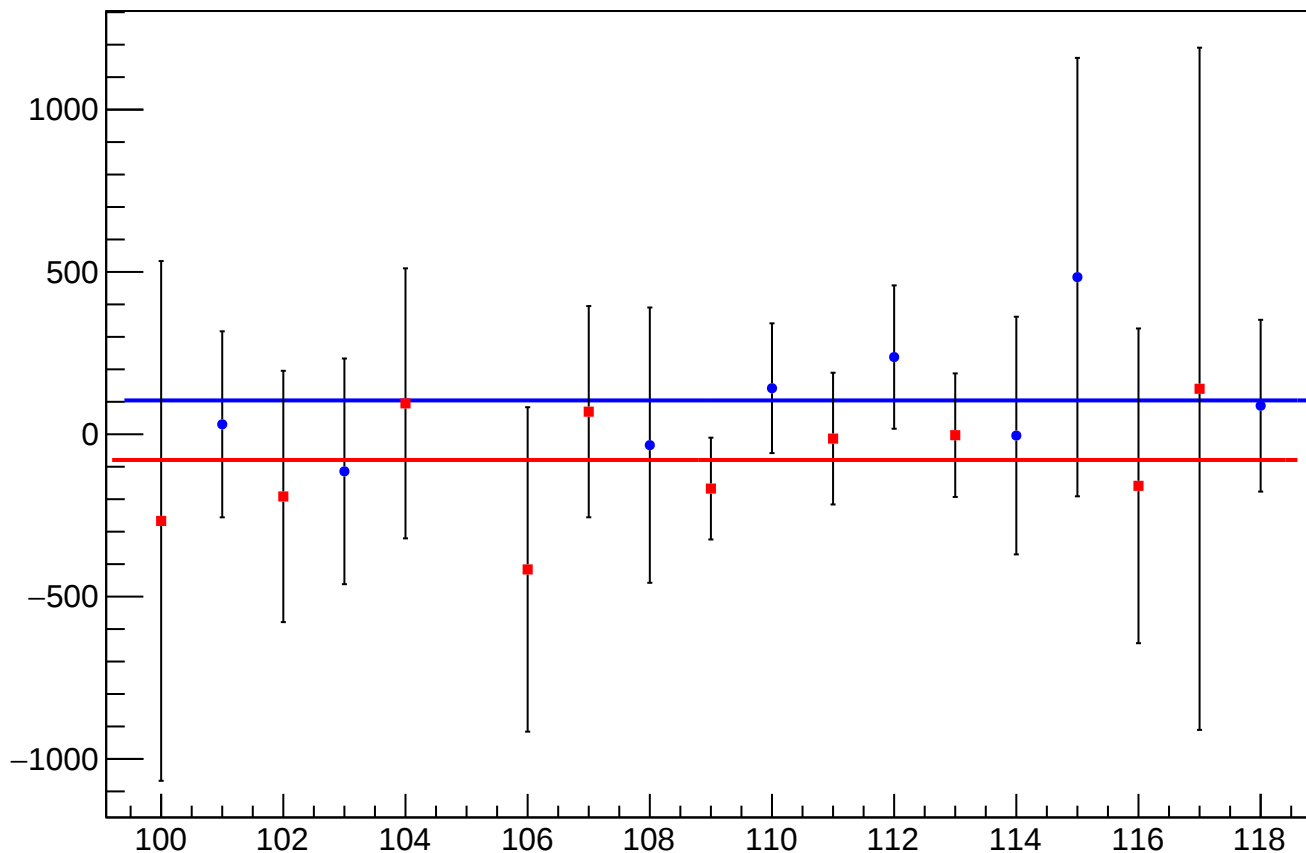
Right Out: 150.597+/-0.063 χ^2/NDF : 875042.8/9

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

169.774+/-0.072 χ^2/NDF : 505329.8/7

150.597+/-0.063 χ^2/NDF : 875042.8/9

asym_bcm_an_us_mean vs Slug



Right In: 104.289+/-102.313 χ^2/NDF : 1.4/7

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

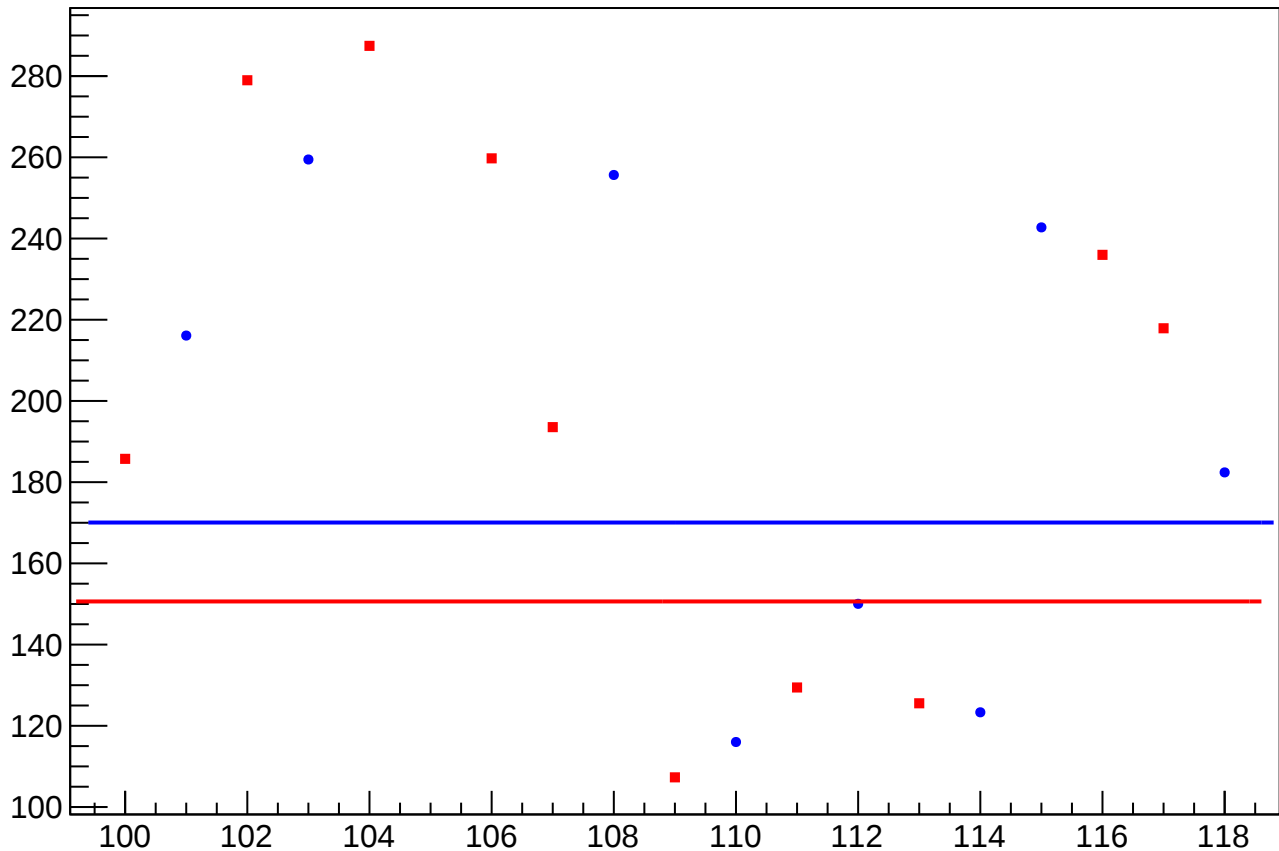
Right Out: -79.146+/-89.363 χ^2/NDF : 1.6/9

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

104.289+/-102.313 χ^2/NDF : 1.4/7

-79.146+/-89.363 χ^2/NDF : 1.6/9

asym_bcm_an_us_rms vs Slug



Right In: 170.059+/-0.072 χ^2/NDF : 488408.0/7

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

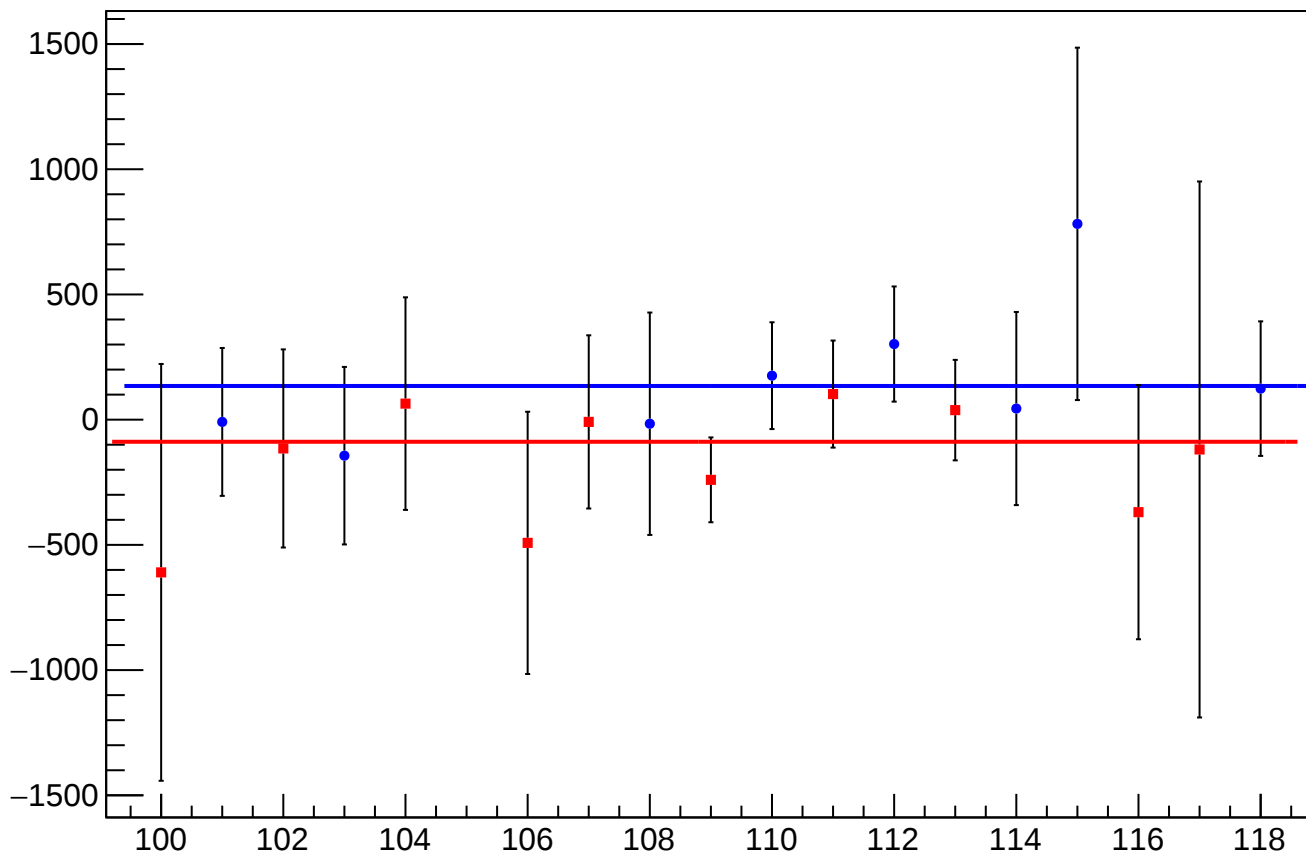
Right Out: 150.624+/-0.063 χ^2/NDF : 849935.6/9

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

170.059+/-0.072 χ^2/NDF : 488408.0/7

150.624+/-0.063 χ^2/NDF : 849935.6/9

asym_bcm_dg_us_mean vs Slug



Right In: 134.549+/-106.598 χ^2/NDF : 2.4/7

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

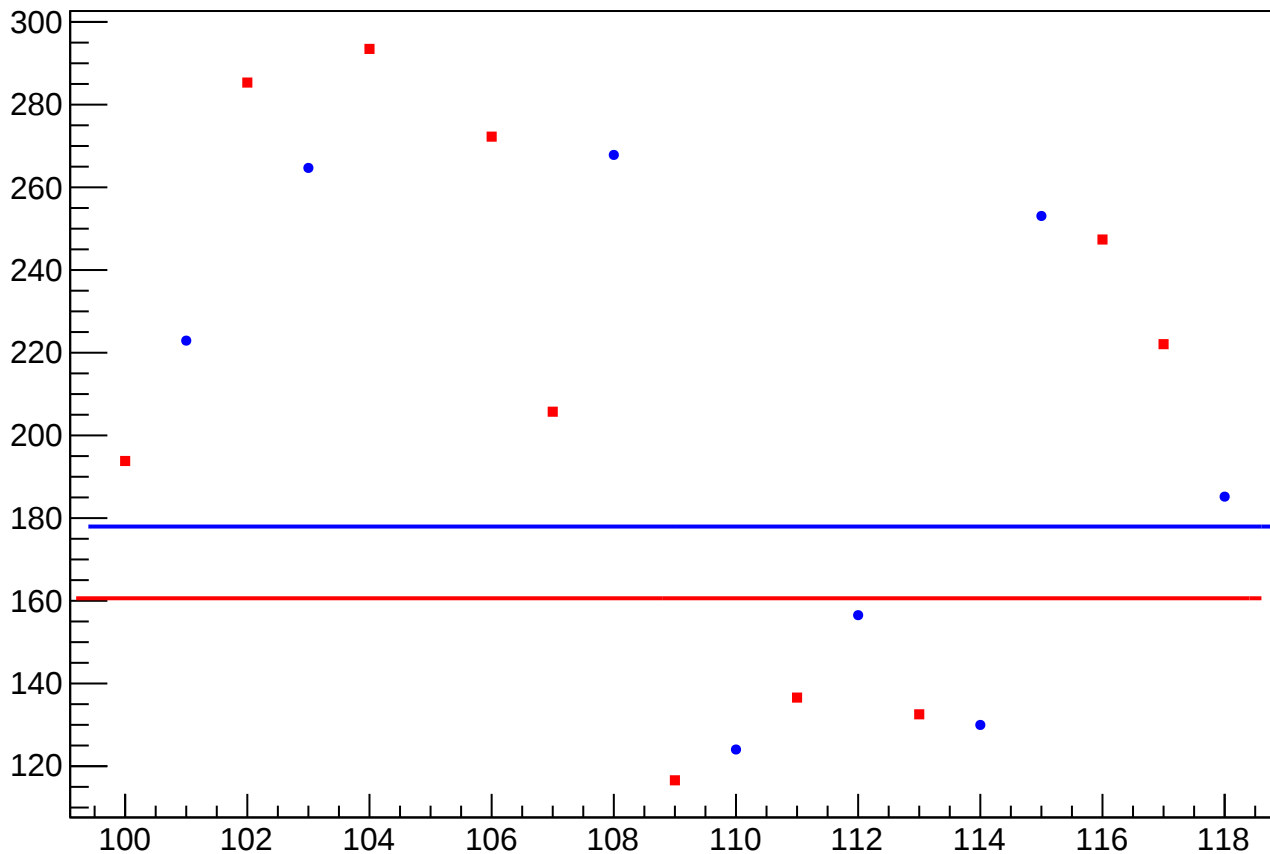
Right Out: -88.231+/-94.596 χ^2/NDF : 3.5/9

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

134.549+/-106.598 χ^2/NDF : 2.4/7

-88.231+/-94.596 χ^2/NDF : 3.5/9

asym_bcm_dg_us_rms vs Slug



Right In: 177.959+/-0.075 χ^2/NDF : 448565.6/7

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

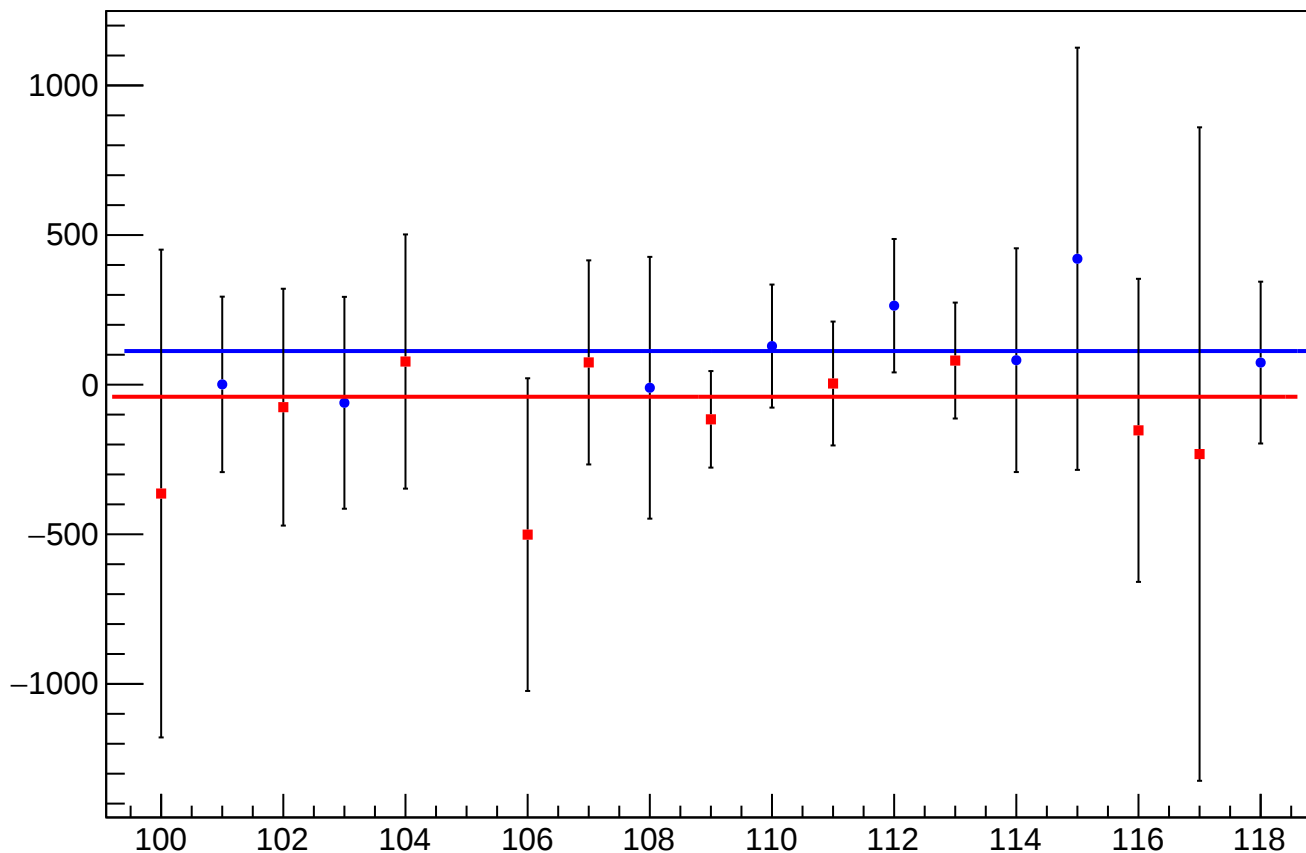
Right Out: 160.611+/-0.067 χ^2/NDF : 787620.0/9

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

177.959+/-0.075 χ^2/NDF : 448565.6/7

160.611+/-0.067 χ^2/NDF : 787620.0/9

asym_bcm_dg_ds_mean vs Slug



Right In: 112.349 $\pm$ 104.569 χ^2 /NDF: 1.1/7

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

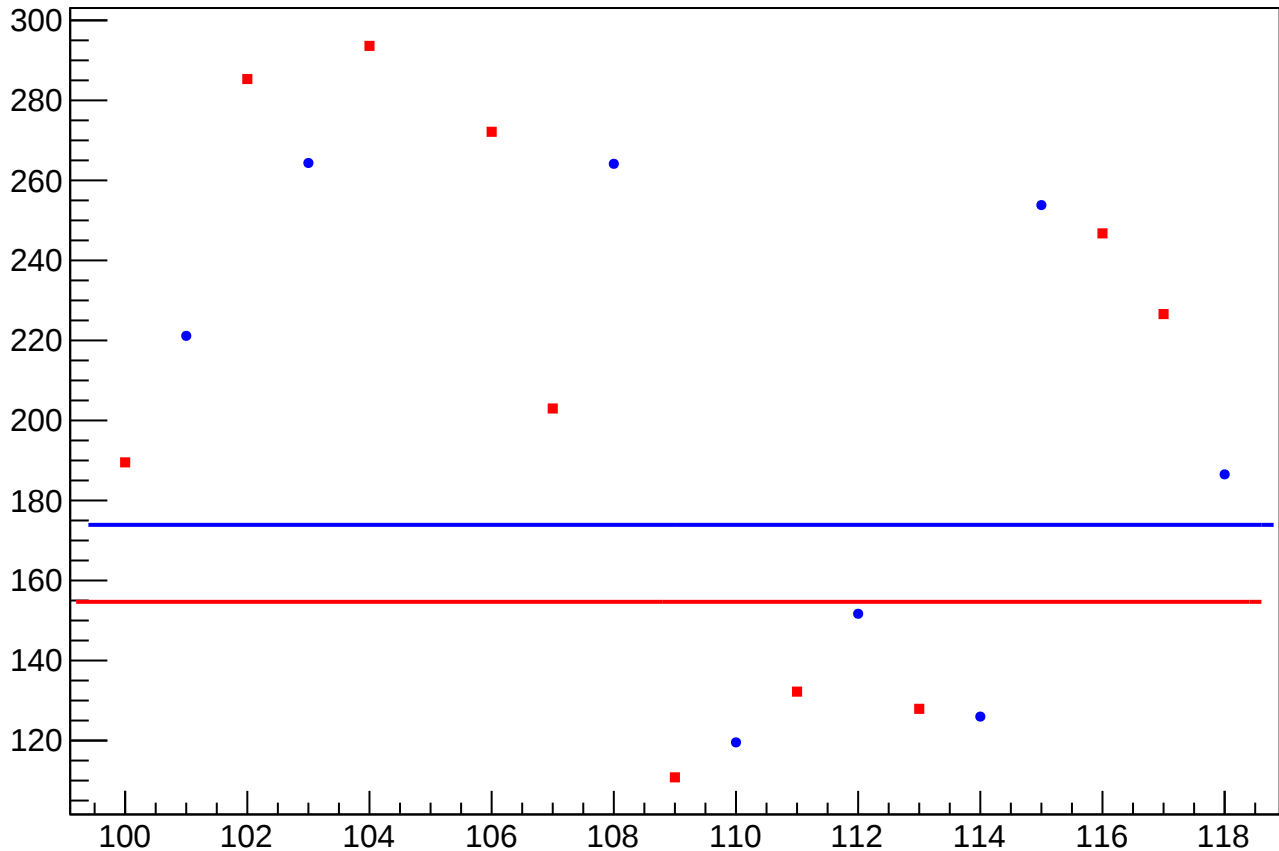
Right Out: -40.366 $\pm$ 91.726 χ^2 /NDF: 1.9/9

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

112.349 $\pm$ 104.569 χ^2 /NDF: 1.1/7

-40.366 $\pm$ 91.726 χ^2 /NDF: 1.9/9

asym_bcm_dg_ds_rms vs Slug



Right In: 173.910 $\pm$ 0.074 χ^2 /NDF: 490145.8/7

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

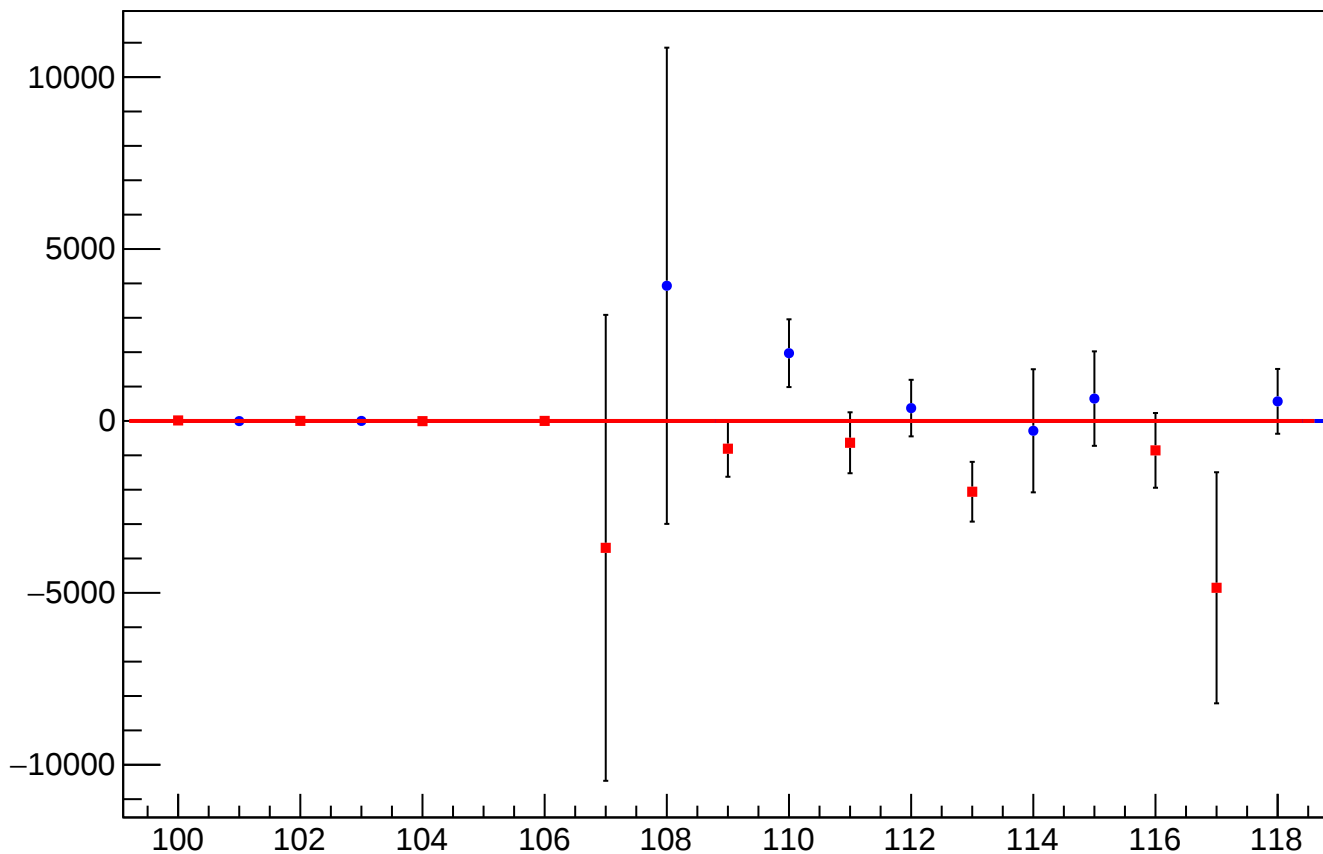
Right Out: 154.670 $\pm$ 0.065 χ^2 /NDF: 861314.5/9

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

173.910 $\pm$ 0.074 χ^2 /NDF: 490145.8/7

154.670 $\pm$ 0.065 χ^2 /NDF: 861314.5/9

asym_cav4bQ_mean vs Slug



Right In: -1.502 $\pm$ 2.252 χ^2 /NDF: 6.5/7

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

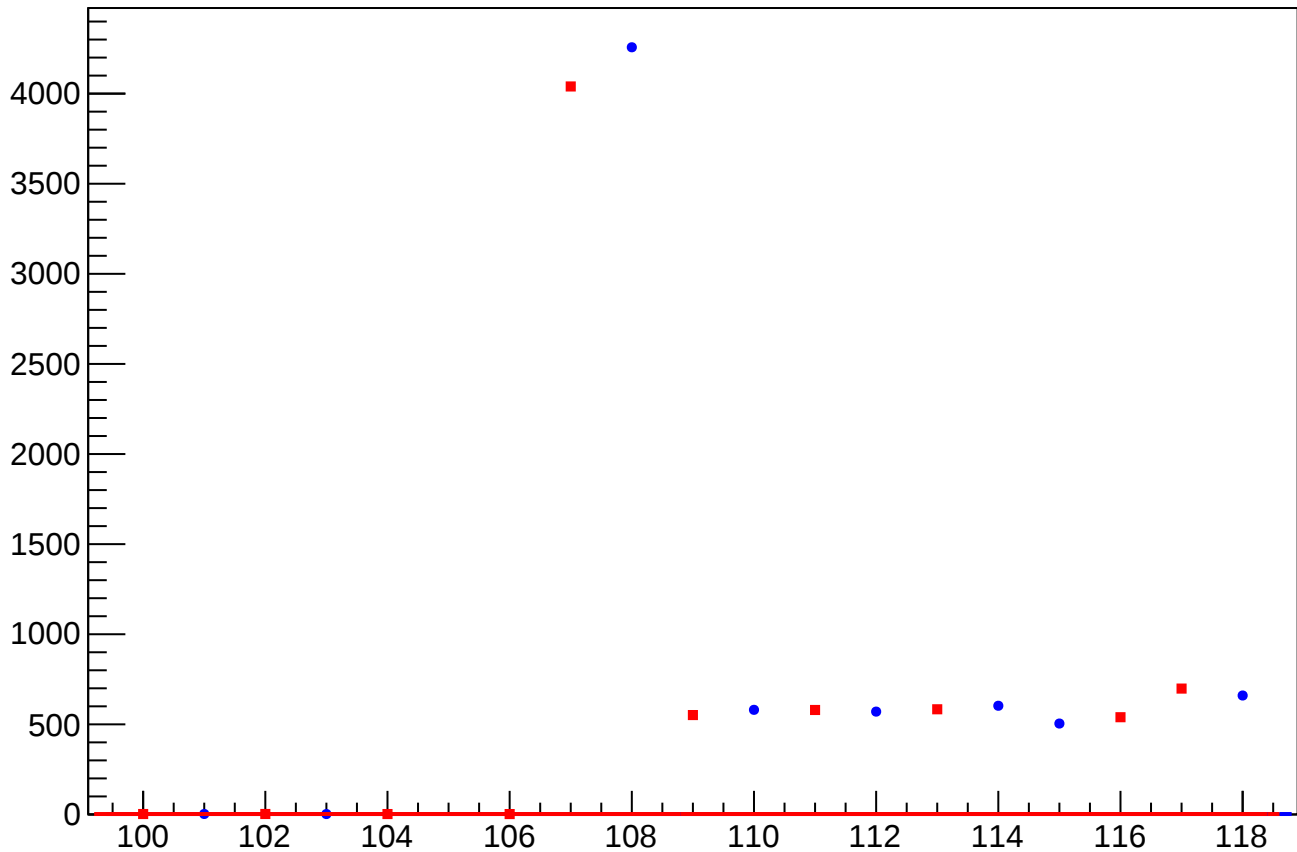
Right Out: -0.738 $\pm$ 2.111 χ^2 /NDF: 16.0/9

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

-1.502 $\pm$ 2.252 χ^2 /NDF: 6.5/7

-0.738 $\pm$ 2.111 χ^2 /NDF: 16.0/9

asym_cav4bQ_rms vs Slug



Right In: 2.424+/-0.002 χ^2/NDF : 3877894.3/7

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

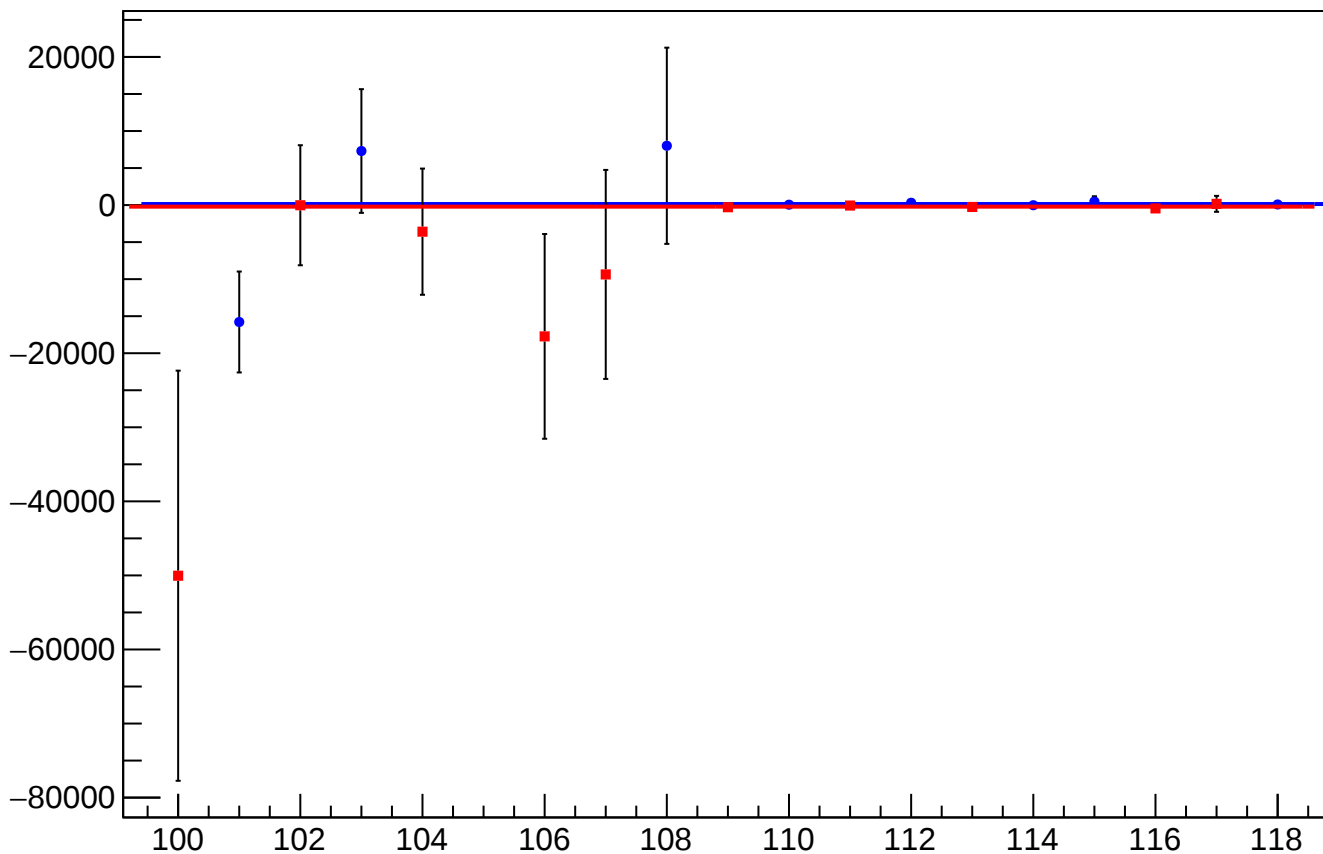
Right Out: 2.409+/-0.001 χ^2/NDF : 3944699.4/9

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

2.424+/-0.002 χ^2/NDF : 3877894.3/7

2.409+/-0.001 χ^2/NDF : 3944699.4/9

asym_cav4cQ_mean vs Slug



Right In: 142.260+/-125.438 χ^2/NDF : 7.8/7

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

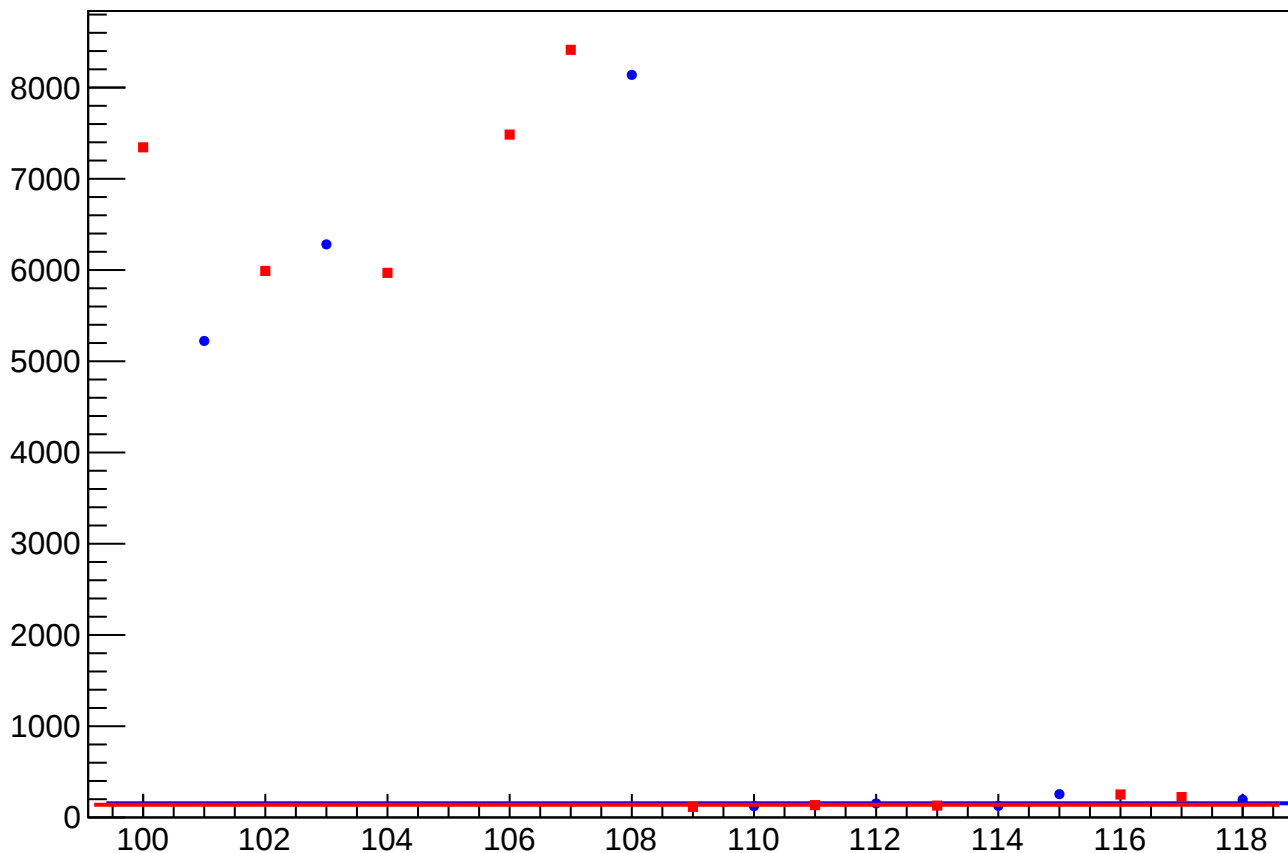
Right Out: -211.543+/-118.285 χ^2/NDF : 6.4/9

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

142.260+/-125.438 χ^2/NDF : 7.8/7

-211.543+/-118.285 χ^2/NDF : 6.4/9

asym_cav4cQ_rms vs Slug



Right In: 155.308+/-0.089 χ^2/NDF : 3044369.4/7

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

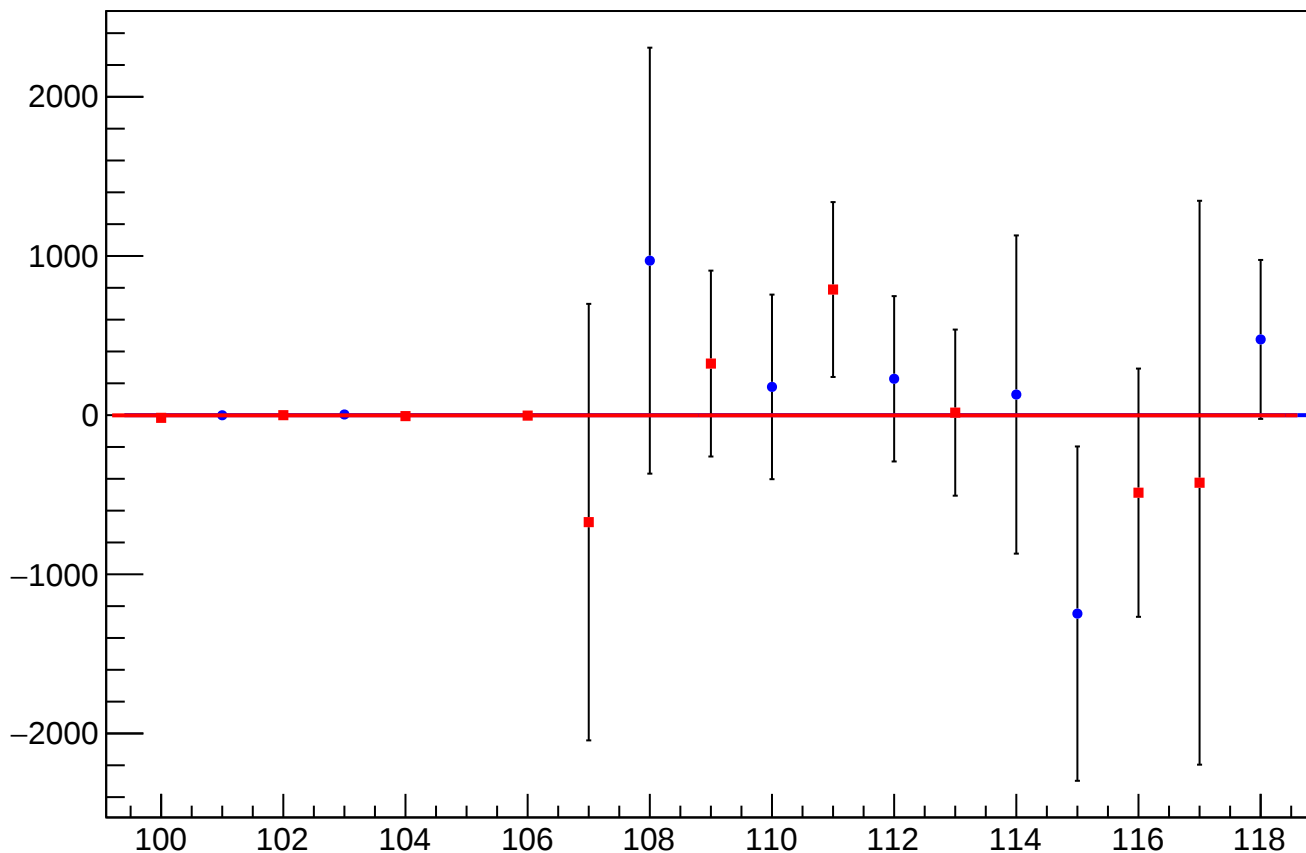
Right Out: 138.999+/-0.084 χ^2/NDF : 3501258.1/9

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

155.308+/-0.089 χ^2/NDF : 3044369.4/7

138.999+/-0.084 χ^2/NDF : 3501258.1/9

asym_cav4dQ_mean vs Slug



Right In: -0.151+/-1.737 χ^2/NDF : 4.0/7

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

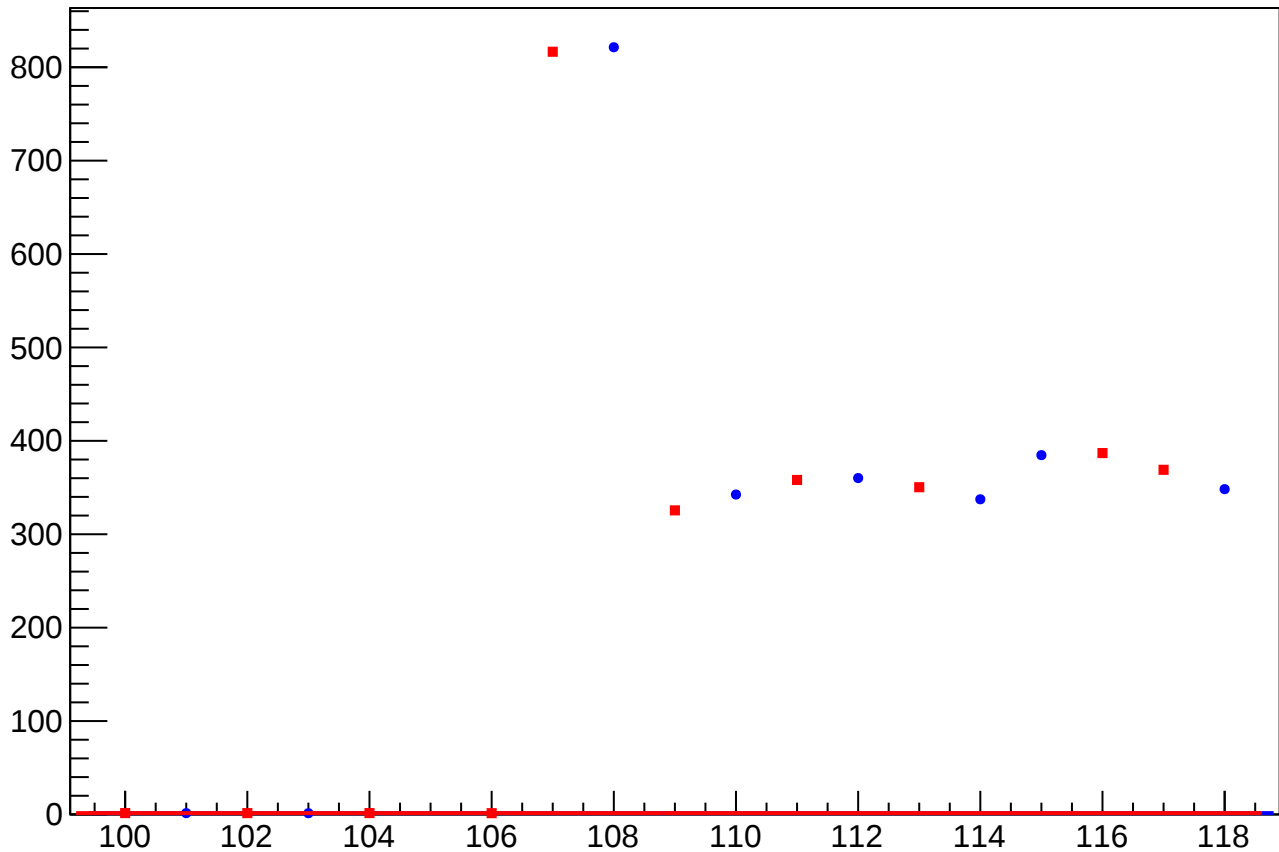
Right Out: -1.328+/-1.623 χ^2/NDF : 5.8/9

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

-0.151+/-1.737 χ^2/NDF : 4.0/7

-1.328+/-1.623 χ^2/NDF : 5.8/9

asym_cav4dQ_rms vs Slug



Right In: 1.426+/-0.001 χ^2/NDF : 3854818.8/7

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

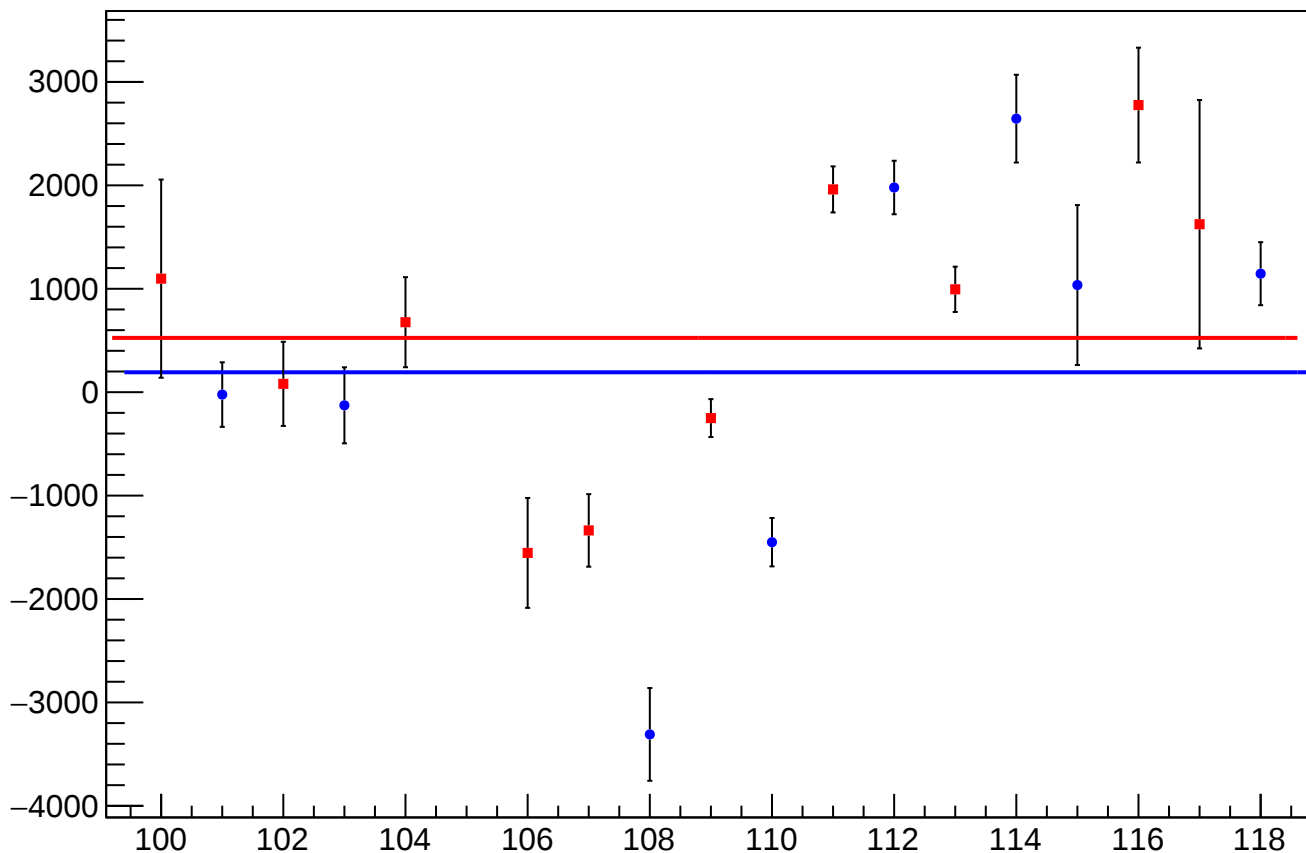
Right Out: 1.426+/-0.001 χ^2/NDF : 3635636.5/9

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

1.426+/-0.001 χ^2/NDF : 3854818.8/7

1.426+/-0.001 χ^2/NDF : 3635636.5/9

asym_bcm0l02_mean vs Slug



Right In: 192.449 $\pm$ 116.368 χ^2 /NDF: 203.6/7

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

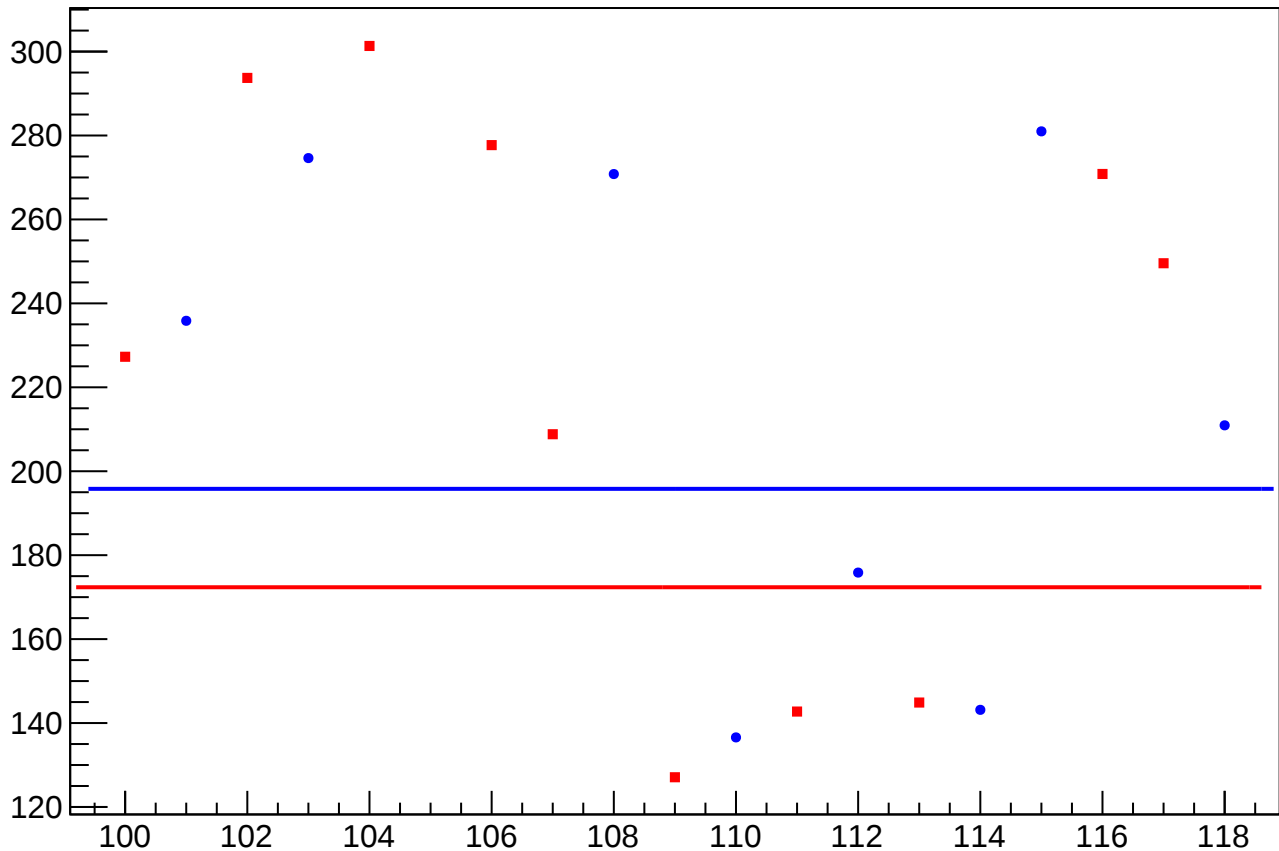
Right Out: 525.039 $\pm$ 100.631 χ^2 /NDF: 126.5/9

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

192.449 $\pm$ 116.368 χ^2 /NDF: 203.6/7

525.039 $\pm$ 100.631 χ^2 /NDF: 126.5/9

asym_bcm0l02_rms vs Slug



Right In: 195.805+/-0.082 χ^2/NDF : 380865.6/7

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

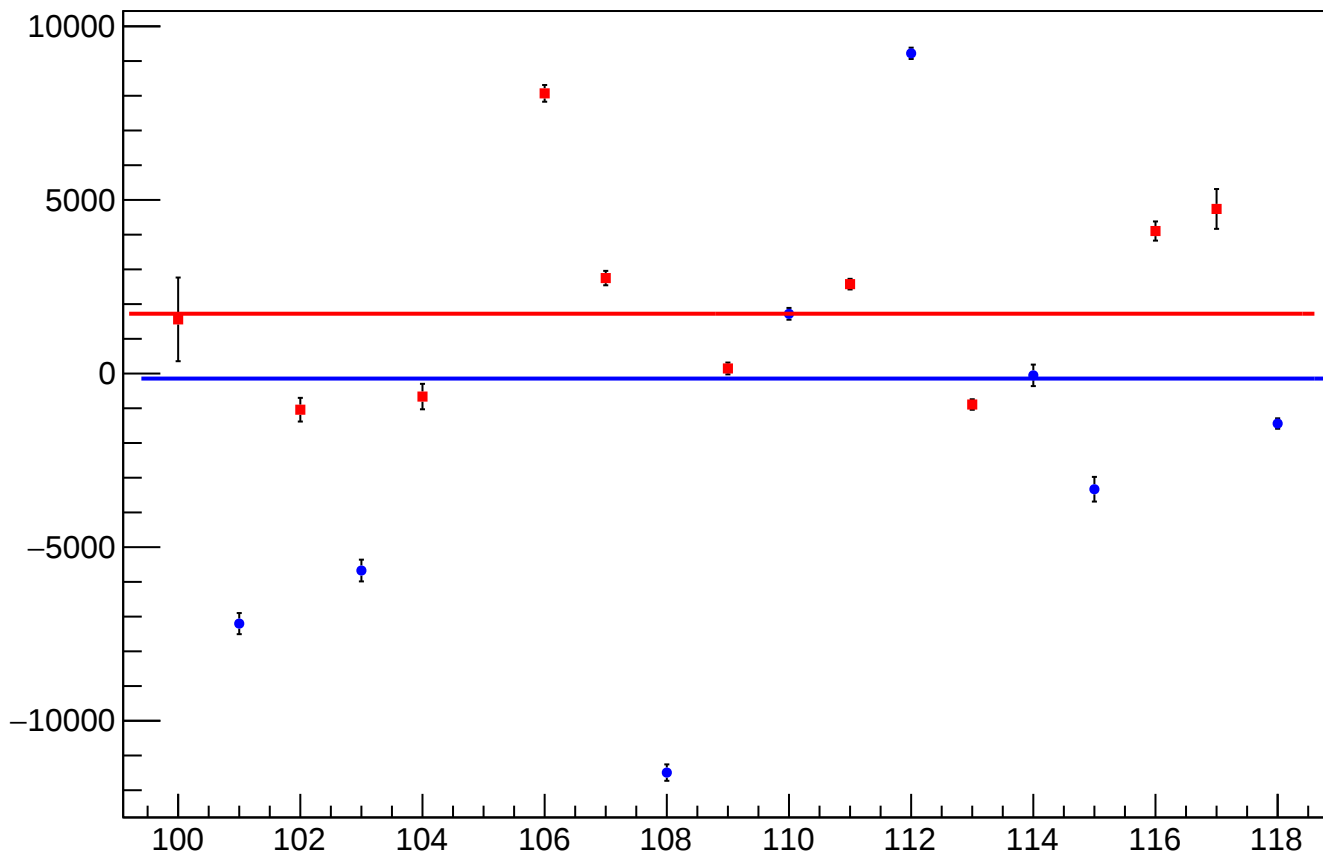
Right Out: 172.357+/-0.071 χ^2/NDF : 720195.8/9

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

195.805+/-0.082 χ^2/NDF : 380865.6/7

172.357+/-0.071 χ^2/NDF : 720195.8/9

asym_bpm2i01WS_mean vs Slug



Right In: -144.424+/-75.791 χ^2/NDF : 6739.2/7

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

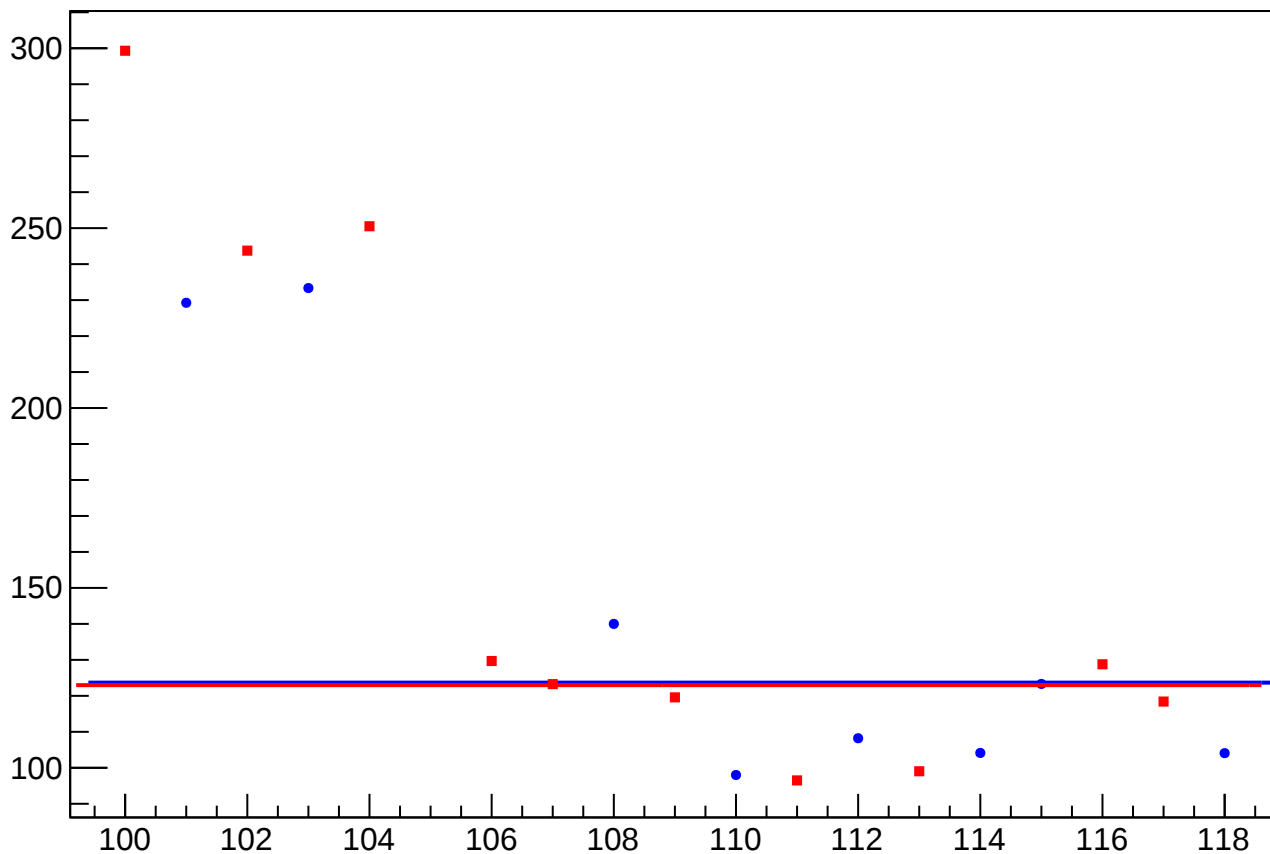
Right Out: 1723.044+/-71.741 χ^2/NDF : 1344.6/9

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

-144.424+/-75.791 χ^2/NDF : 6739.2/7

1723.044+/-71.741 χ^2/NDF : 1344.6/9

asym_bpm2i01WS_rms vs Slug



Right In: 123.677 $\pm$ 0.054 χ^2 /NDF: 601571.4/7

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

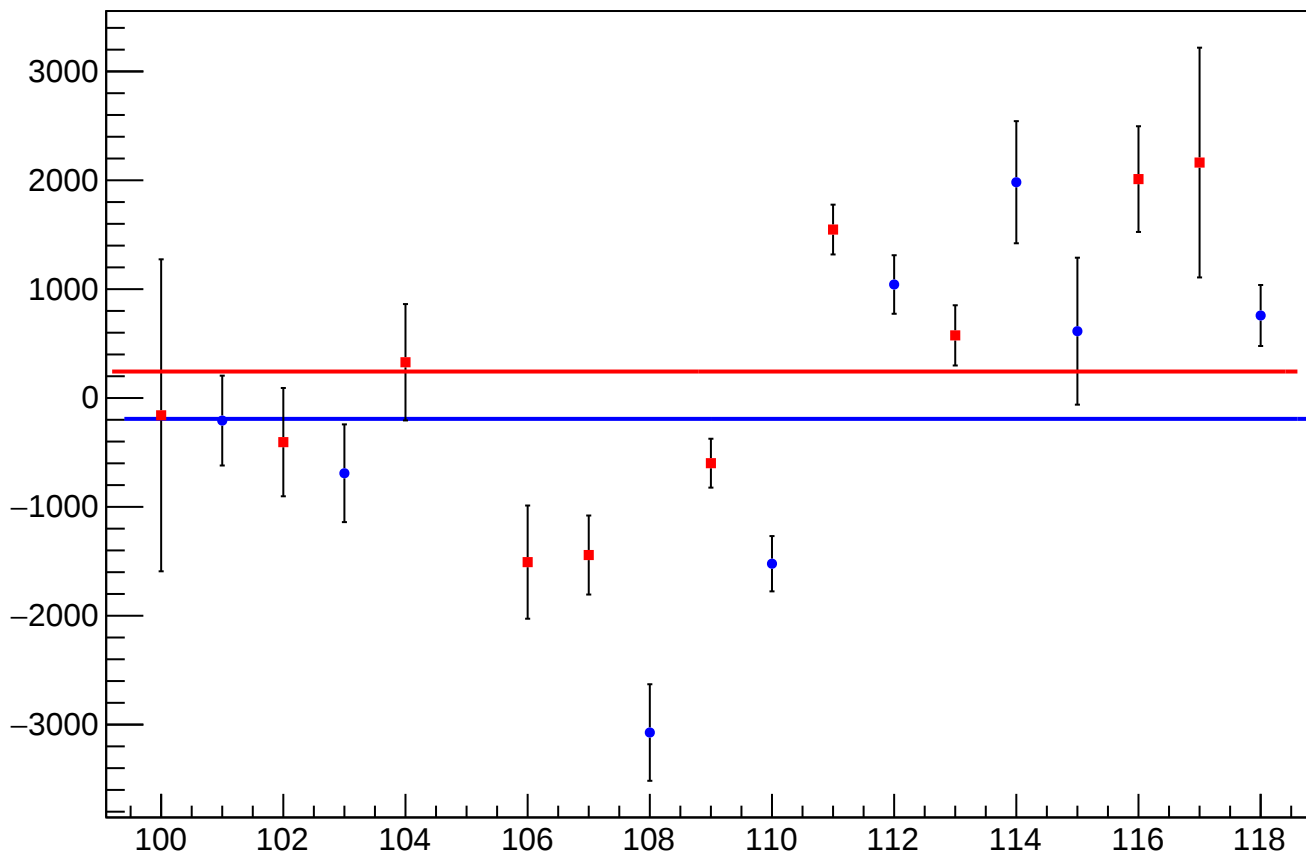
Right Out: 122.977 $\pm$ 0.051 χ^2 /NDF: 649221.5/9

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

123.677 $\pm$ 0.054 χ^2 /NDF: 601571.4/7

122.977 $\pm$ 0.051 χ^2 /NDF: 649221.5/9

asym_bpm0i07WS_mean vs Slug



Right In: -191.656+/-125.620 χ^2 /NDF: 119.9/7

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

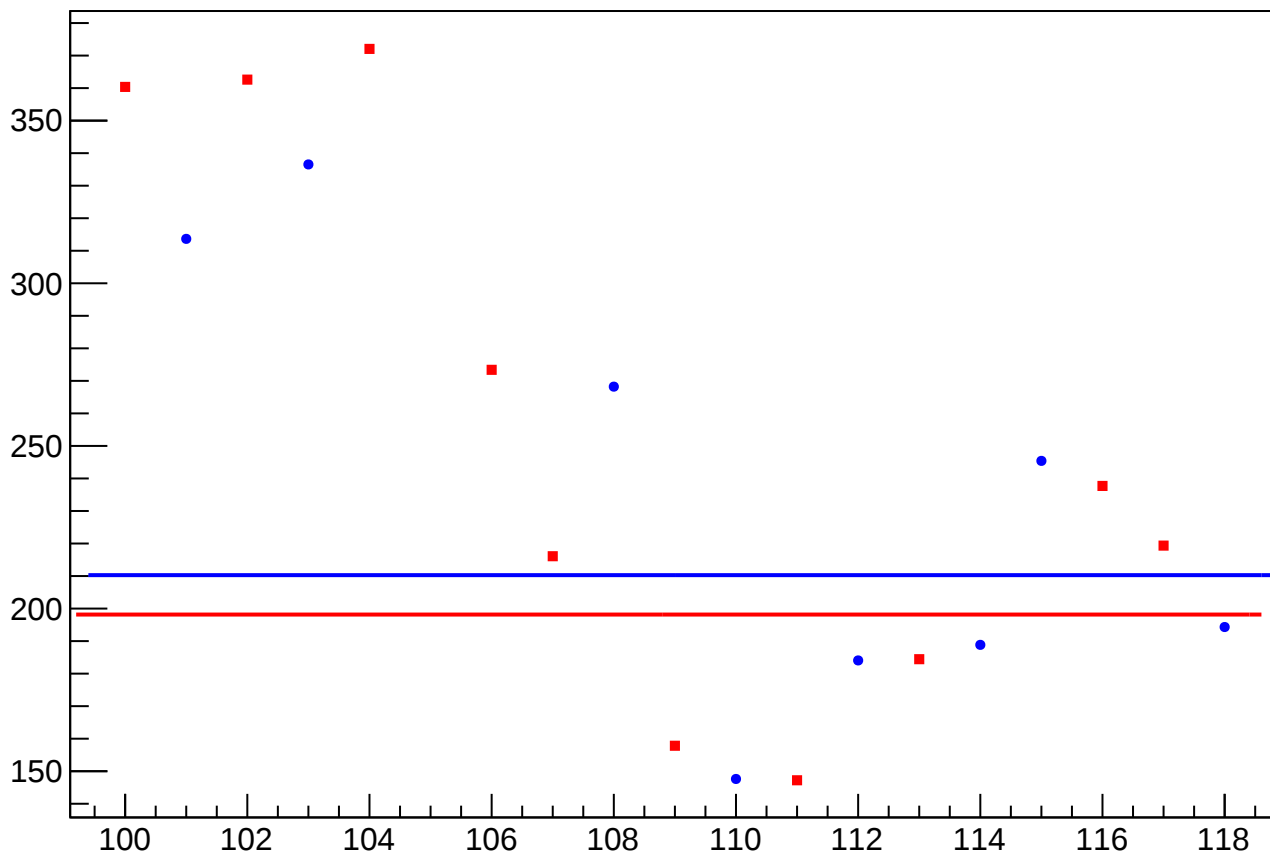
Right Out: 243.280+/-114.341 χ^2 /NDF: 99.3/9

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

-191.656+/-125.620 χ^2 /NDF: 119.9/7

243.280+/-114.341 χ^2 /NDF: 99.3/9

asym_bpm0i07WS_rms vs Slug



Right In: 210.276+/-0.089 χ^2/NDF : 473481.7/7

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

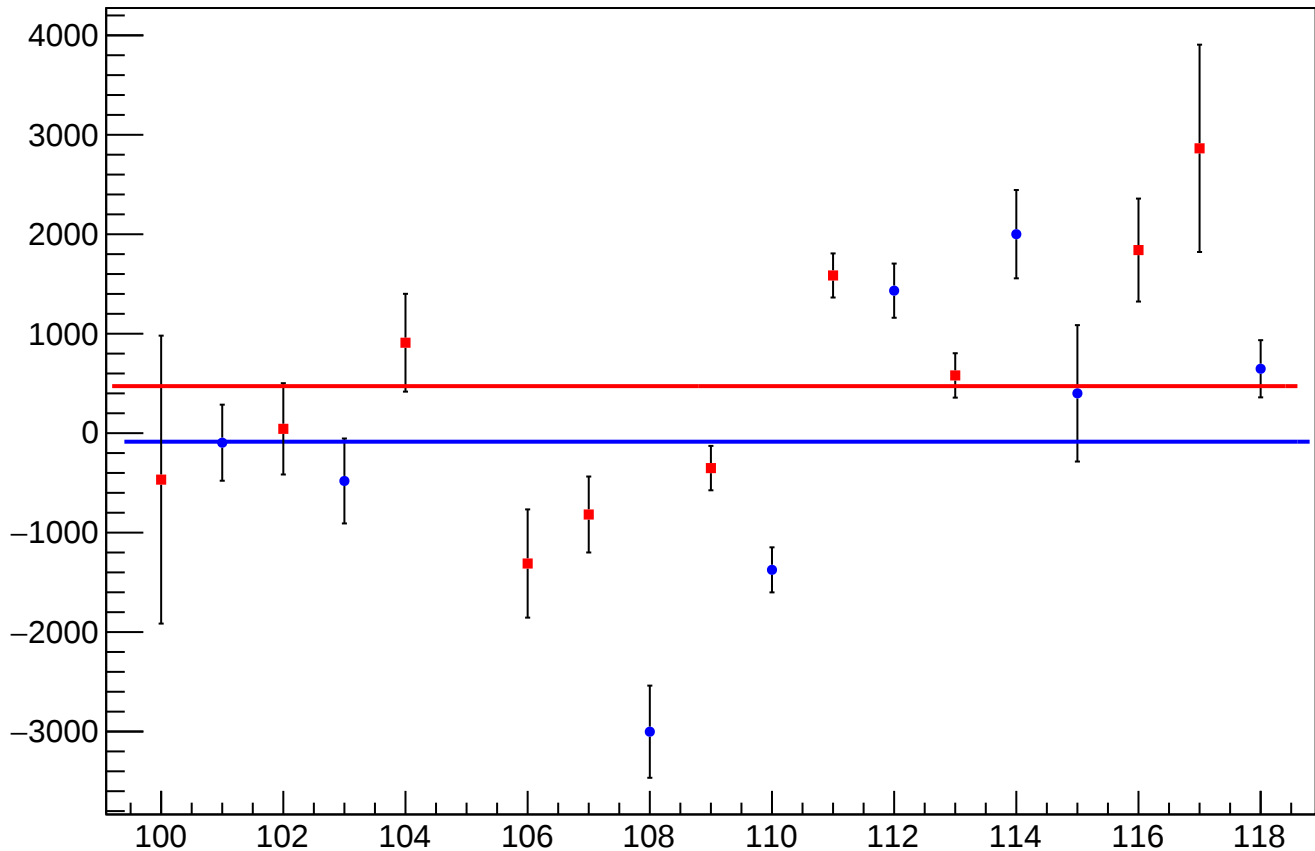
Right Out: 198.162+/-0.081 χ^2/NDF : 685466.3/9

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

210.276+/-0.089 χ^2/NDF : 473481.7/7

198.162+/-0.081 χ^2/NDF : 685466.3/9

asym_bpm0l01WS_mean vs Slug



Right In: -85.769 ± 120.177 χ^2/NDF : 133.0/7

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

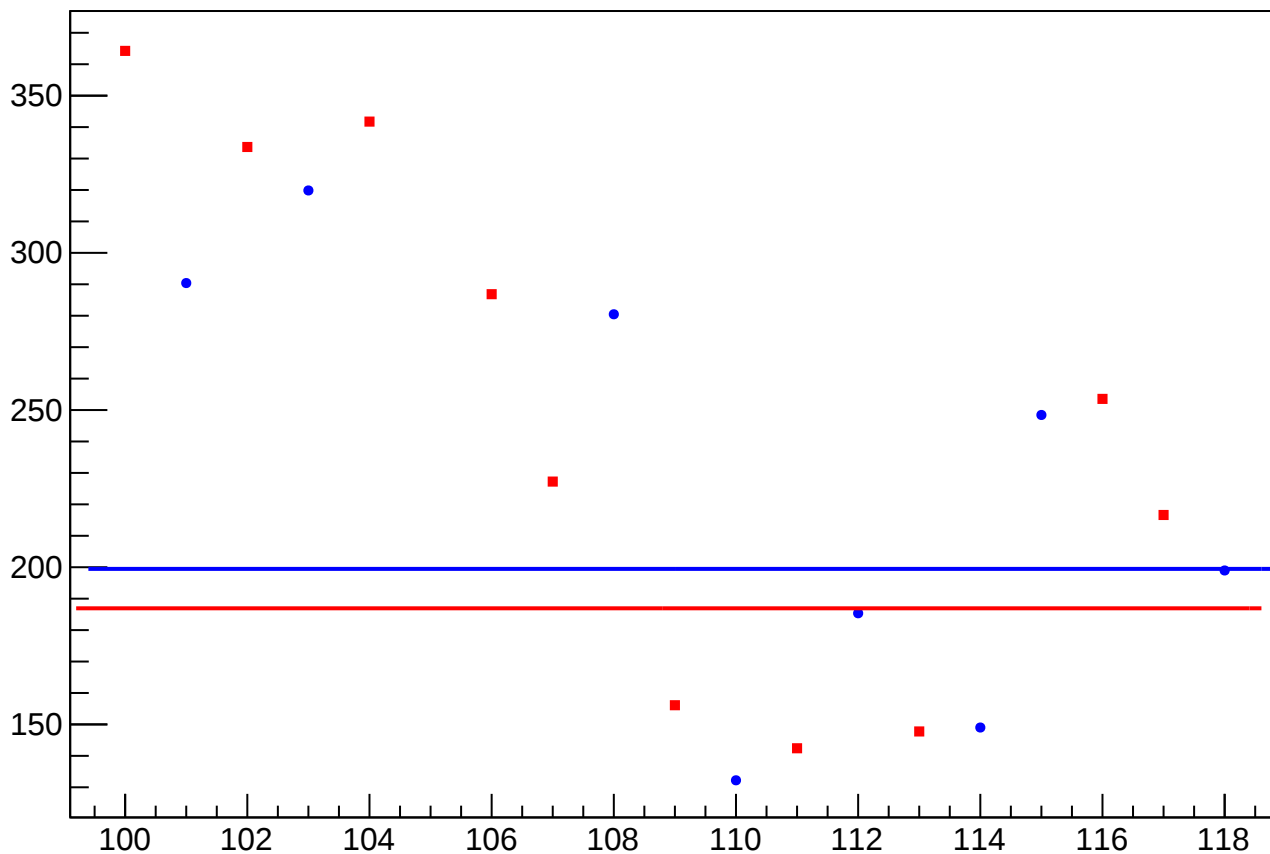
Right Out: 472.927 ± 108.633 χ^2/NDF : 75.6/9

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

-85.769 ± 120.177 χ^2/NDF : 133.0/7

472.927 ± 108.633 χ^2/NDF : 75.6/9

asym_bpm0l01WS_rms vs Slug



Right In: 199.471+/-0.085 χ^2/NDF : 550875.9/7

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

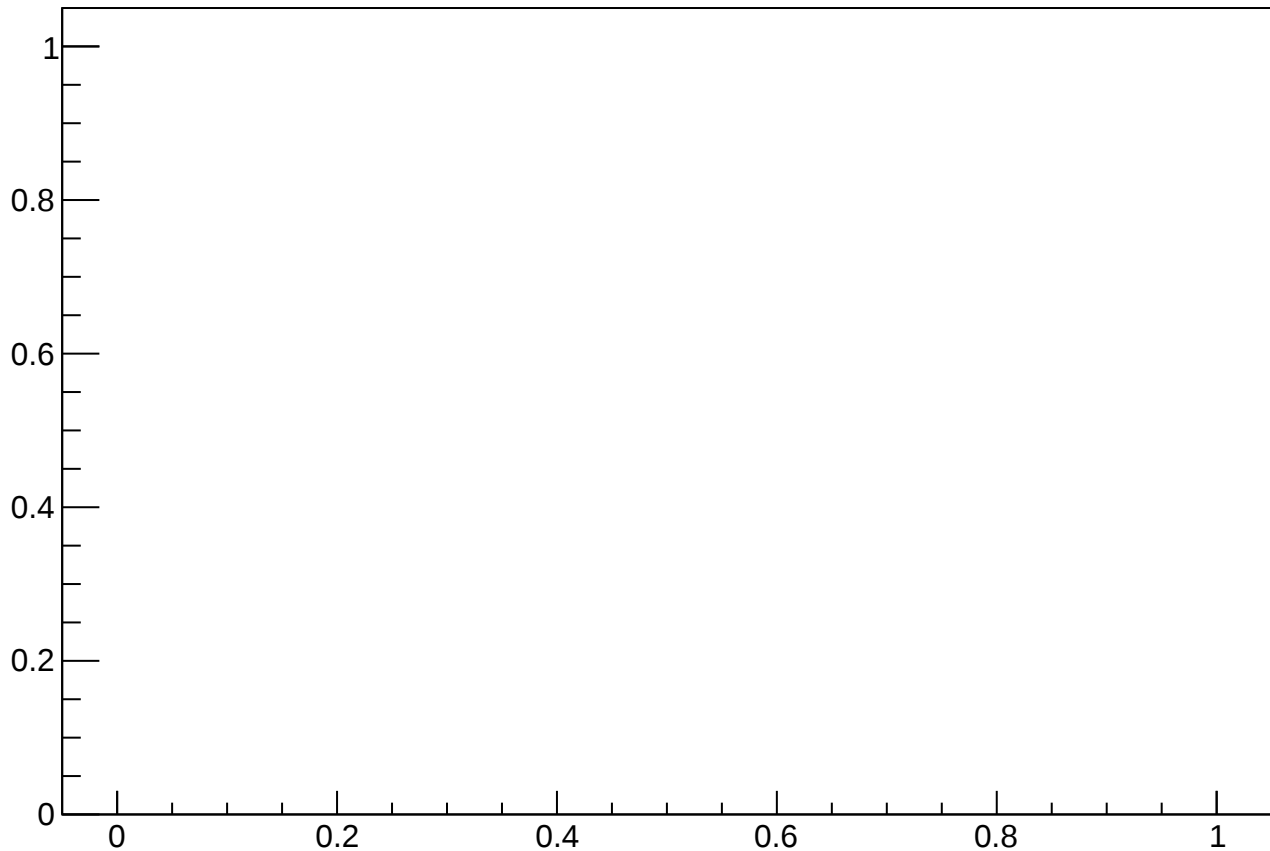
Right Out: 186.932+/-0.077 χ^2/NDF : 737442.1/9

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

199.471+/-0.085 χ^2/NDF : 550875.9/7

186.932+/-0.077 χ^2/NDF : 737442.1/9

bcm_an_us_ds_dd_mean vs Slug



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

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

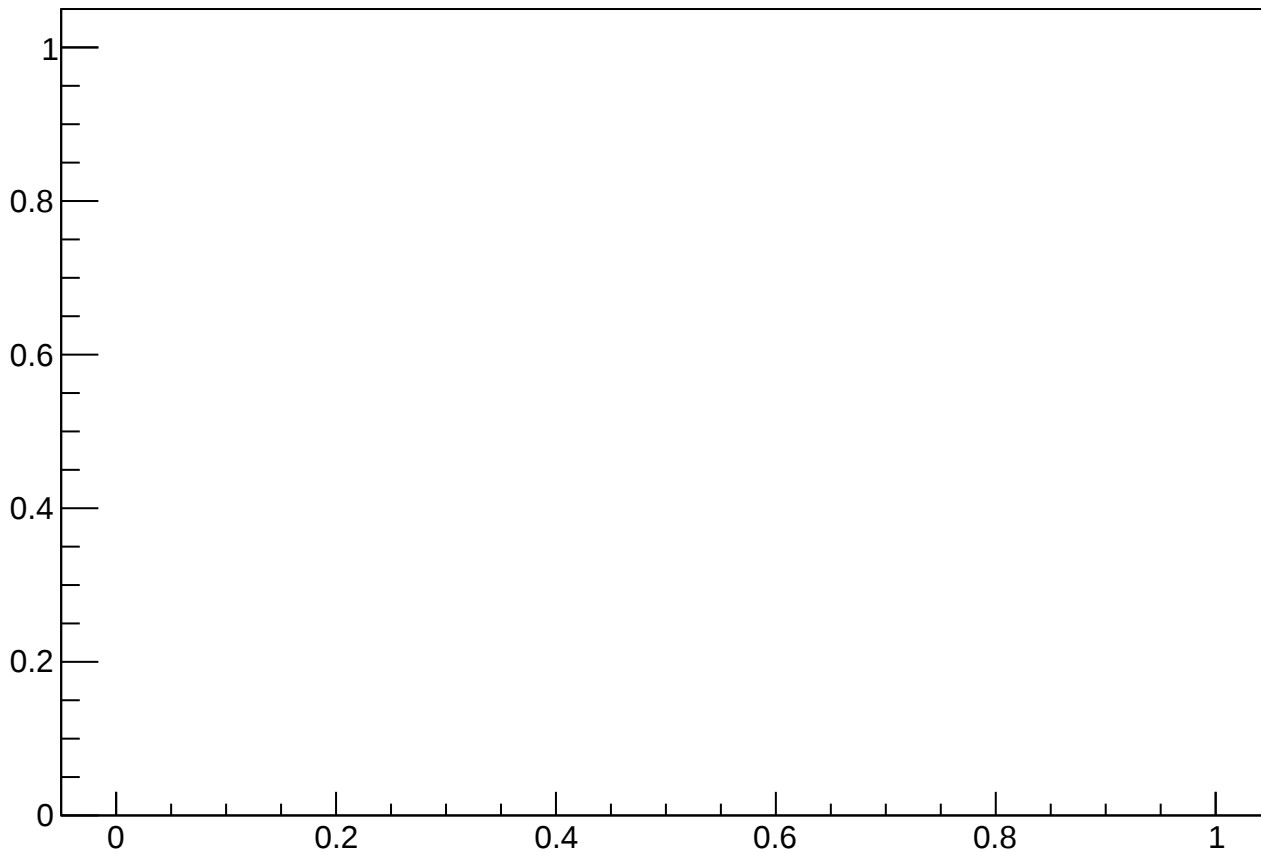
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_an_us_ds_dd_rms vs Slug



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

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

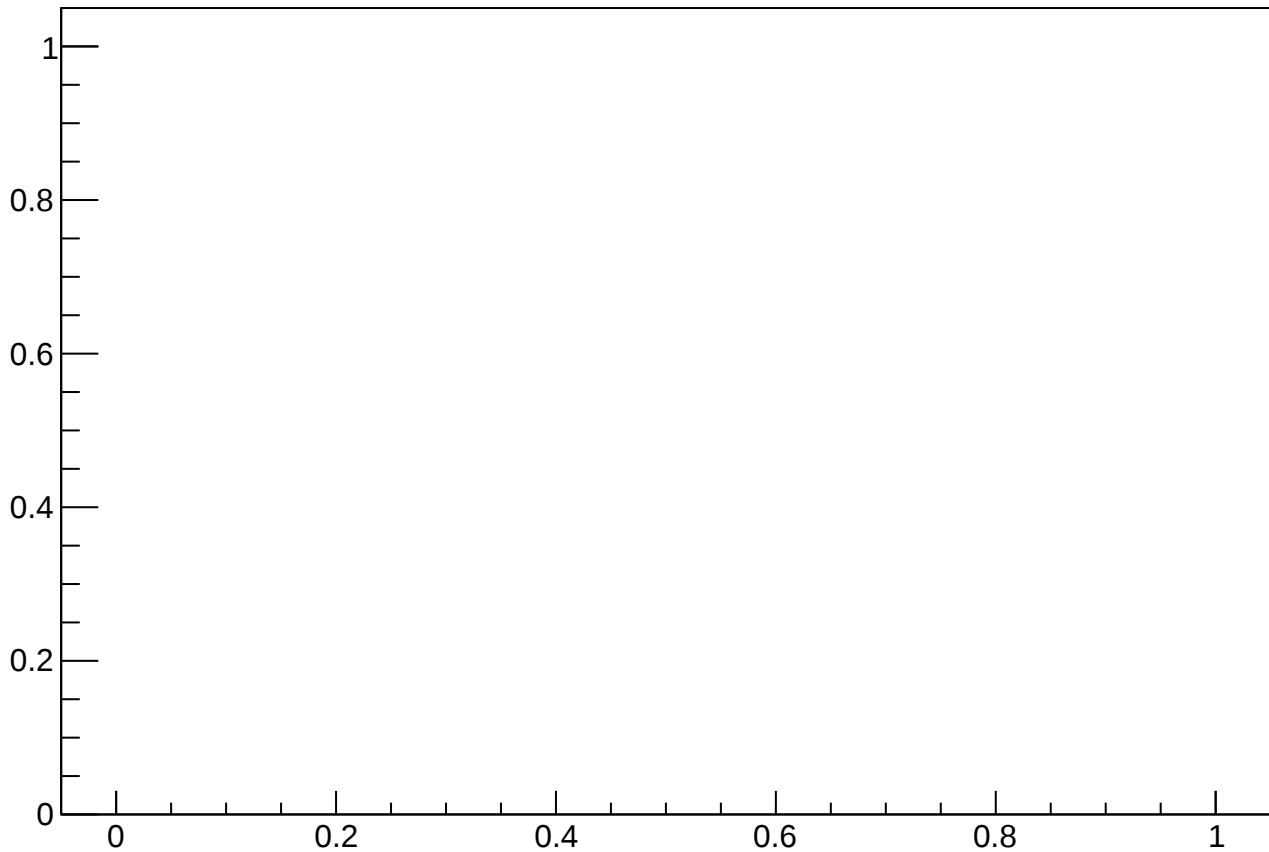
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_dg_ds_dd_mean vs Slug



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

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

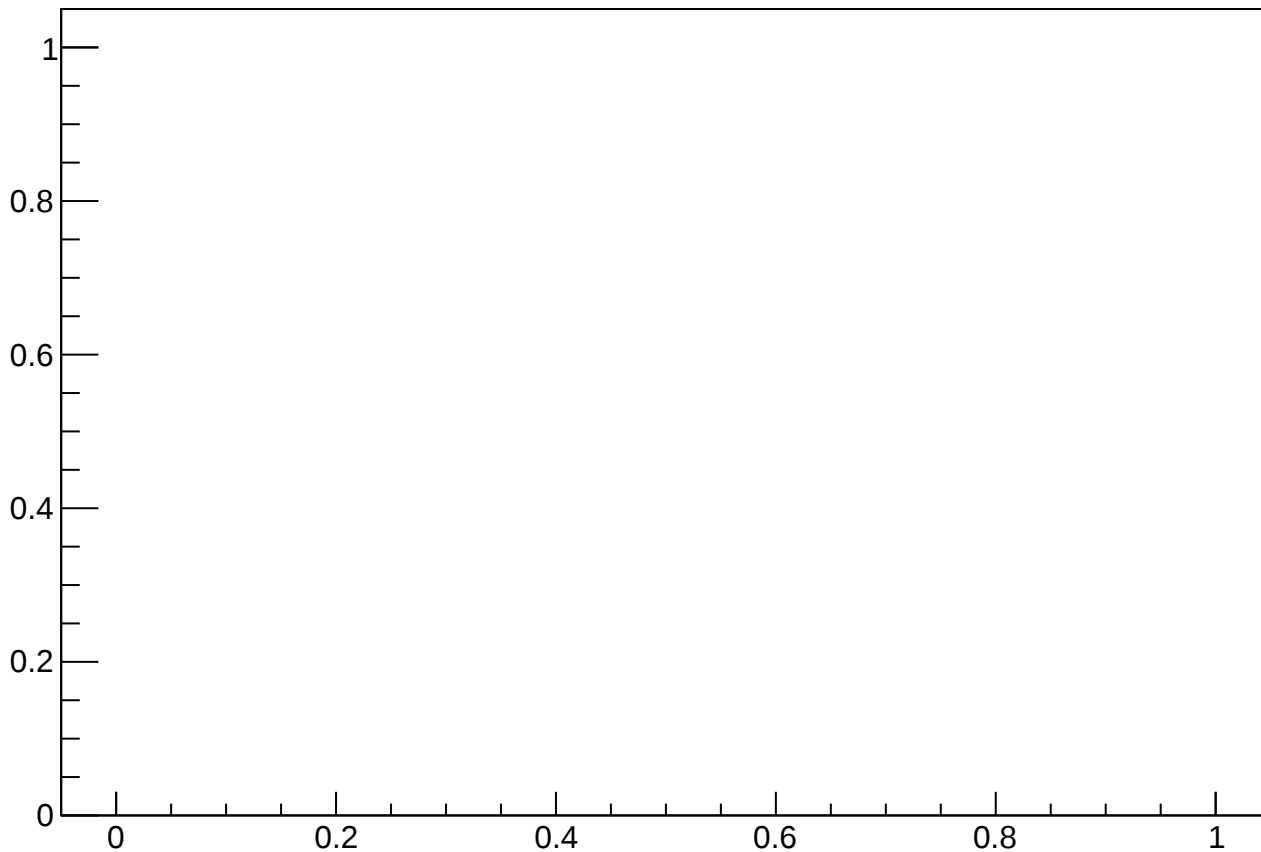
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_dg_ds_dd_rms vs Slug



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

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

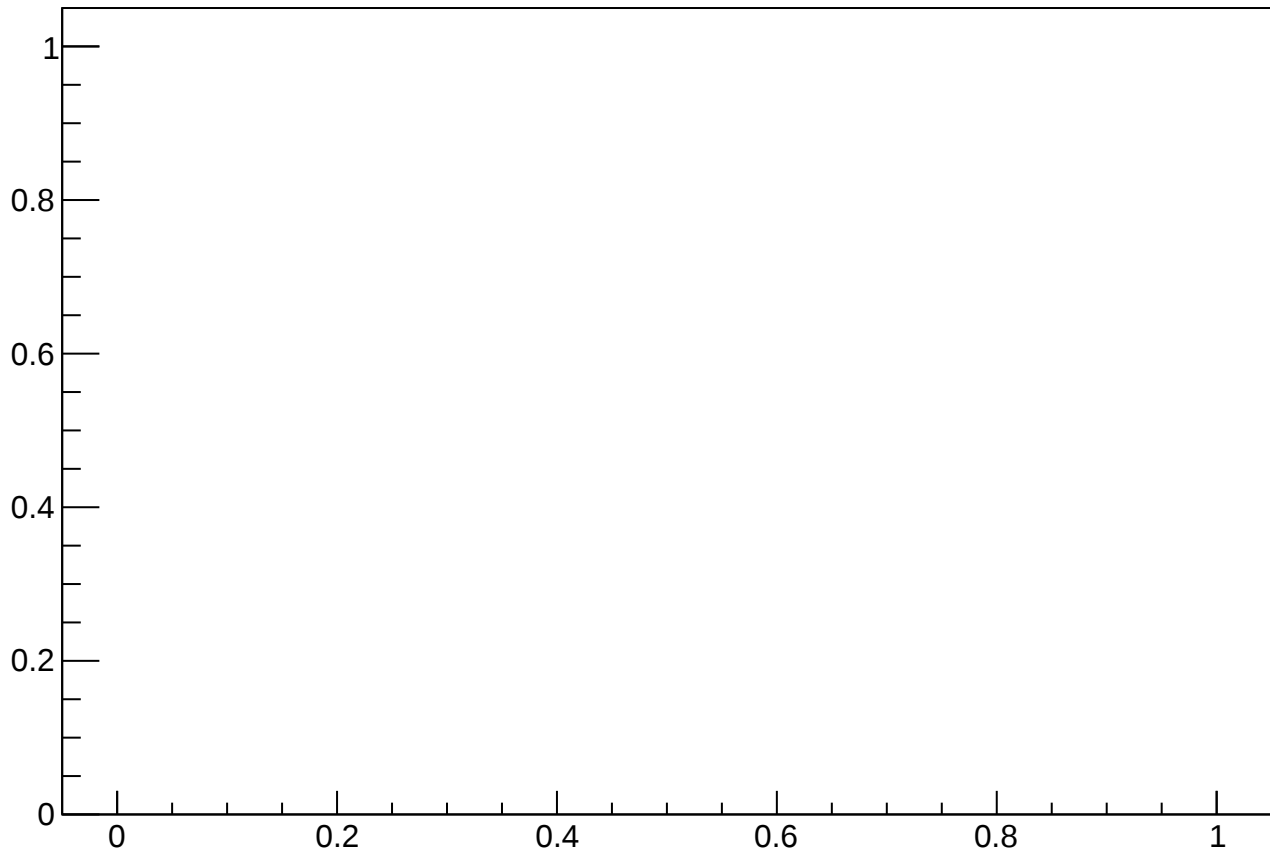
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_mean vs Slug



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

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

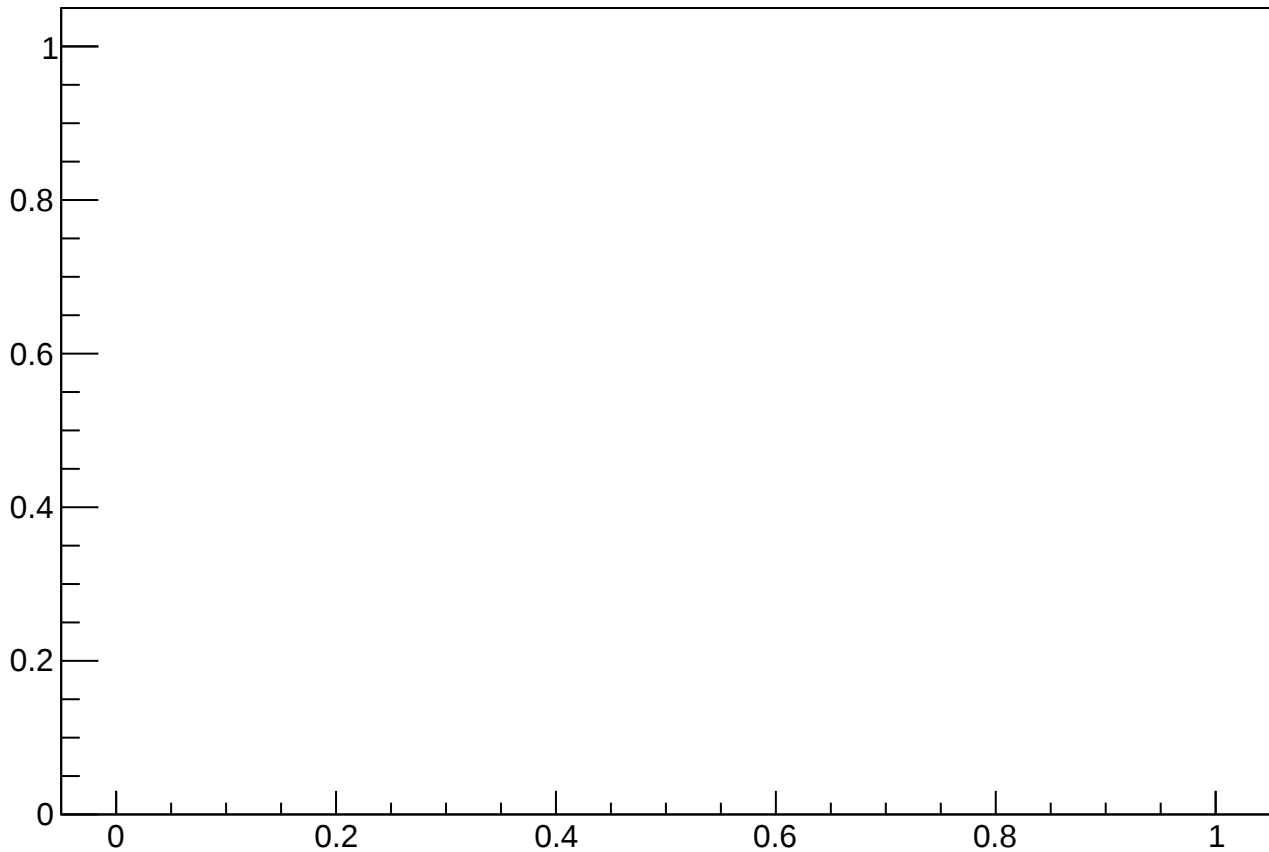
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_rms vs Slug



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

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

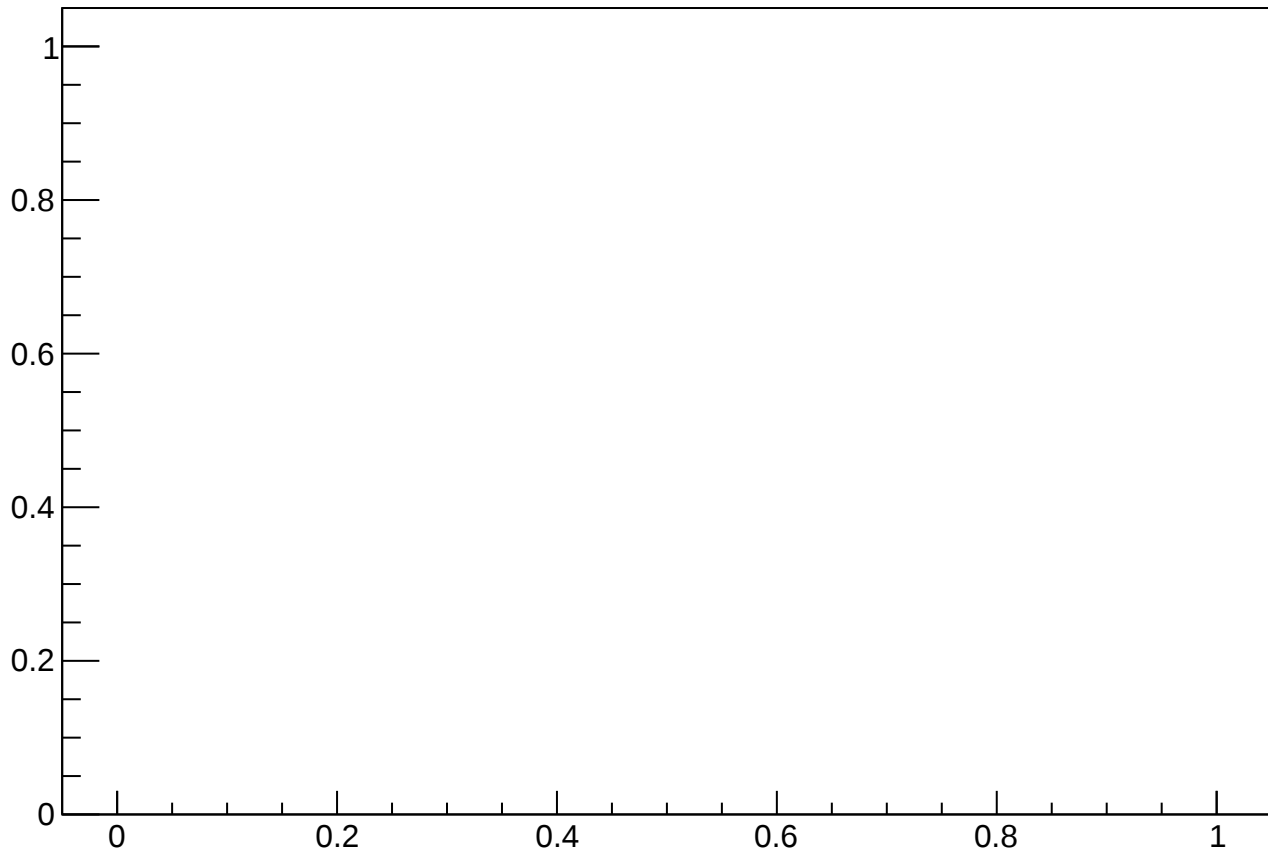
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds_dd_mean vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

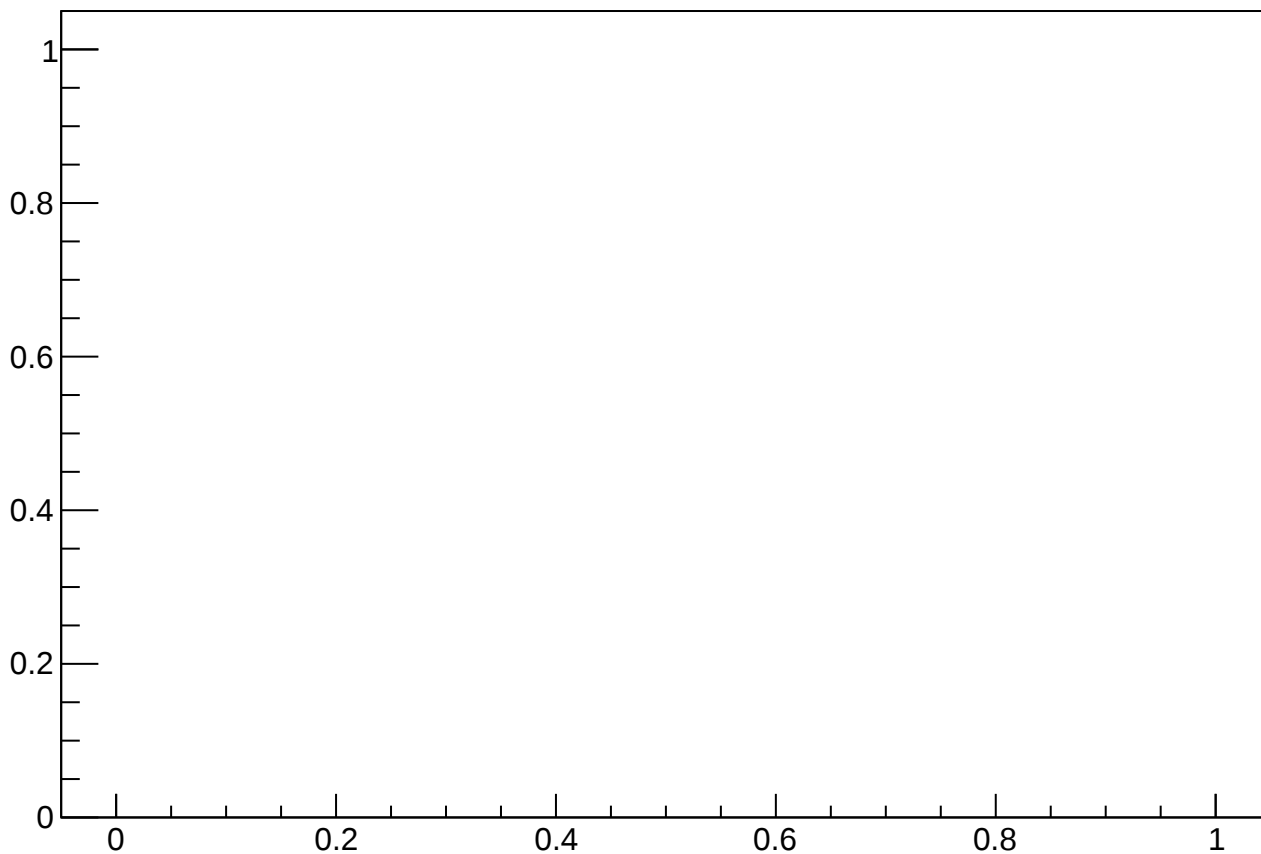
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds_dd_rms vs Slug



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

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

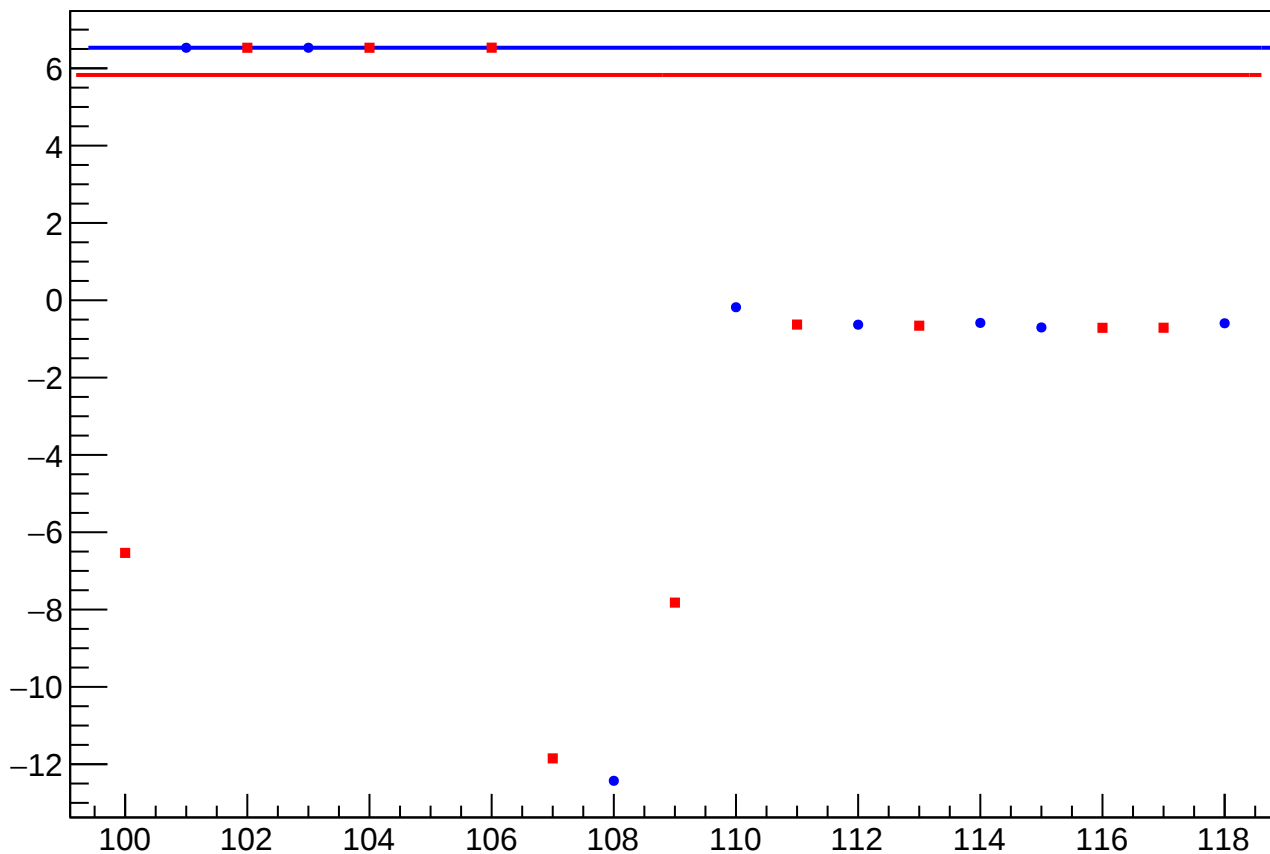
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

yield_cav4bX_mean vs Slug



Right In: 6.532+/-0.000 χ^2/NDF : 44282697326.7/7

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

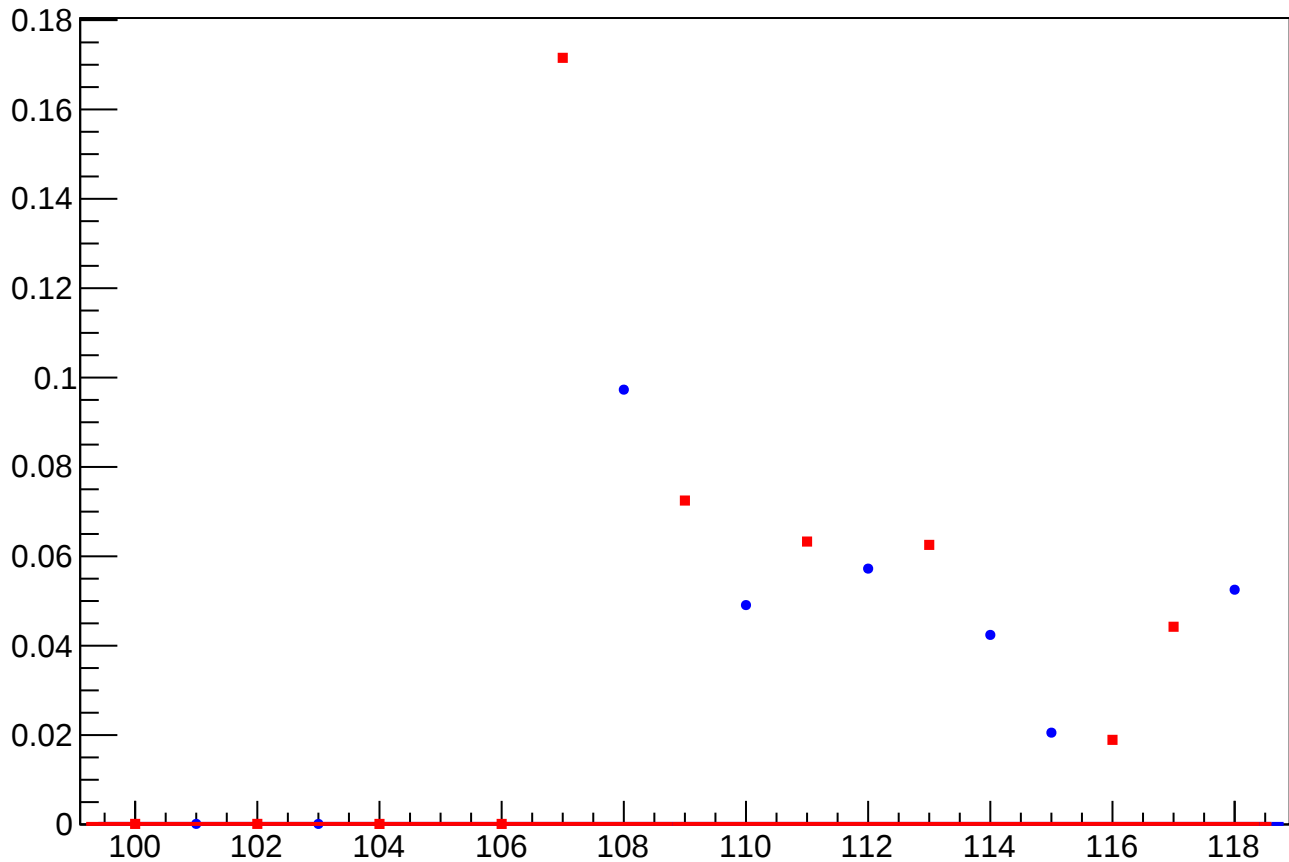
Right Out: 5.828+/-0.000 χ^2/NDF : 755900256211677.2/9

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

6.532+/-0.000 χ^2/NDF : 44282697326.7/7

5.828+/-0.000 χ^2/NDF : 755900256211677.2/9

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3171550.2/7

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

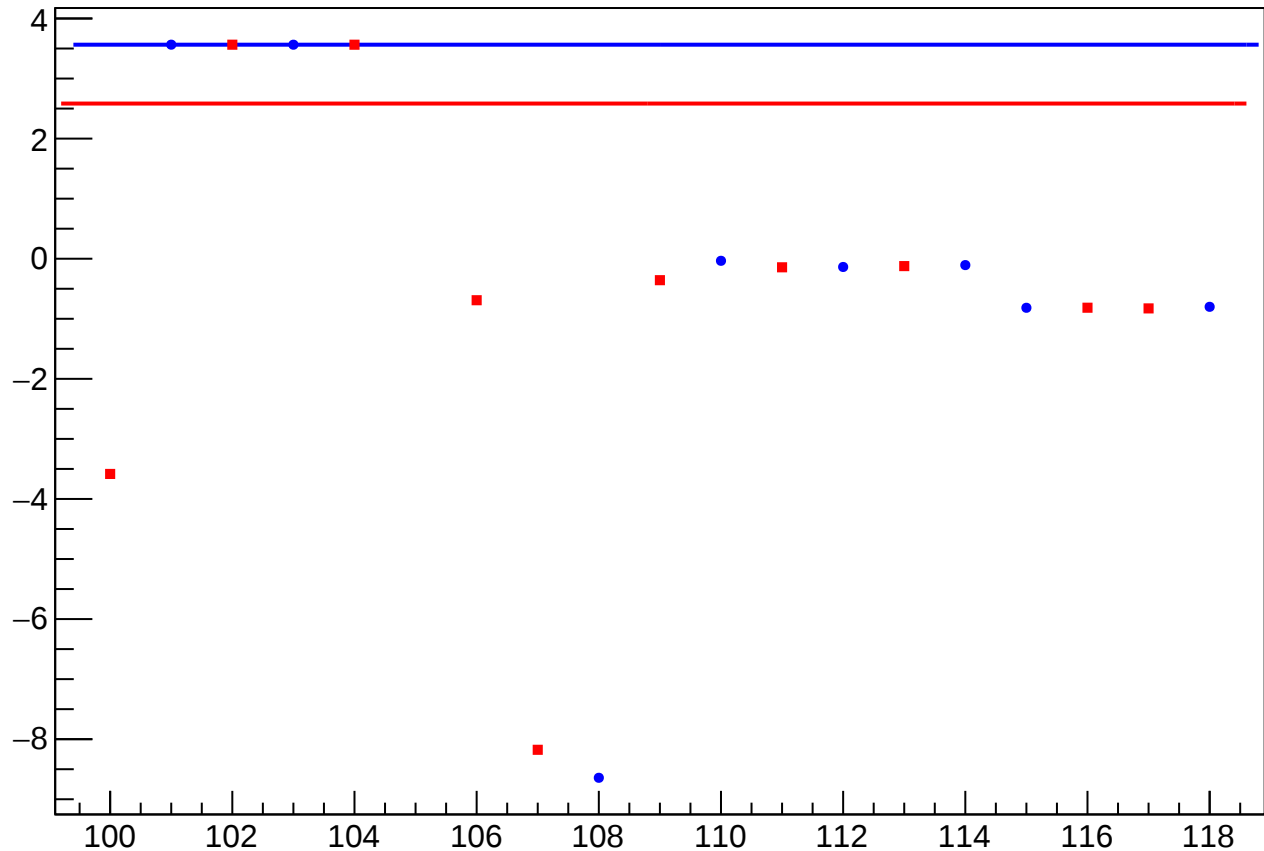
Right Out: 0.000+/-0.000 χ^2/NDF : 3231203.6/9

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

0.000+/-0.000 χ^2/NDF : 3171550.2/7

0.000+/-0.000 χ^2/NDF : 3231203.6/9

yield_cav4bY_mean vs Slug



Right In: 3.564+/-0.000 χ^2/NDF : 60121272704.1/7

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

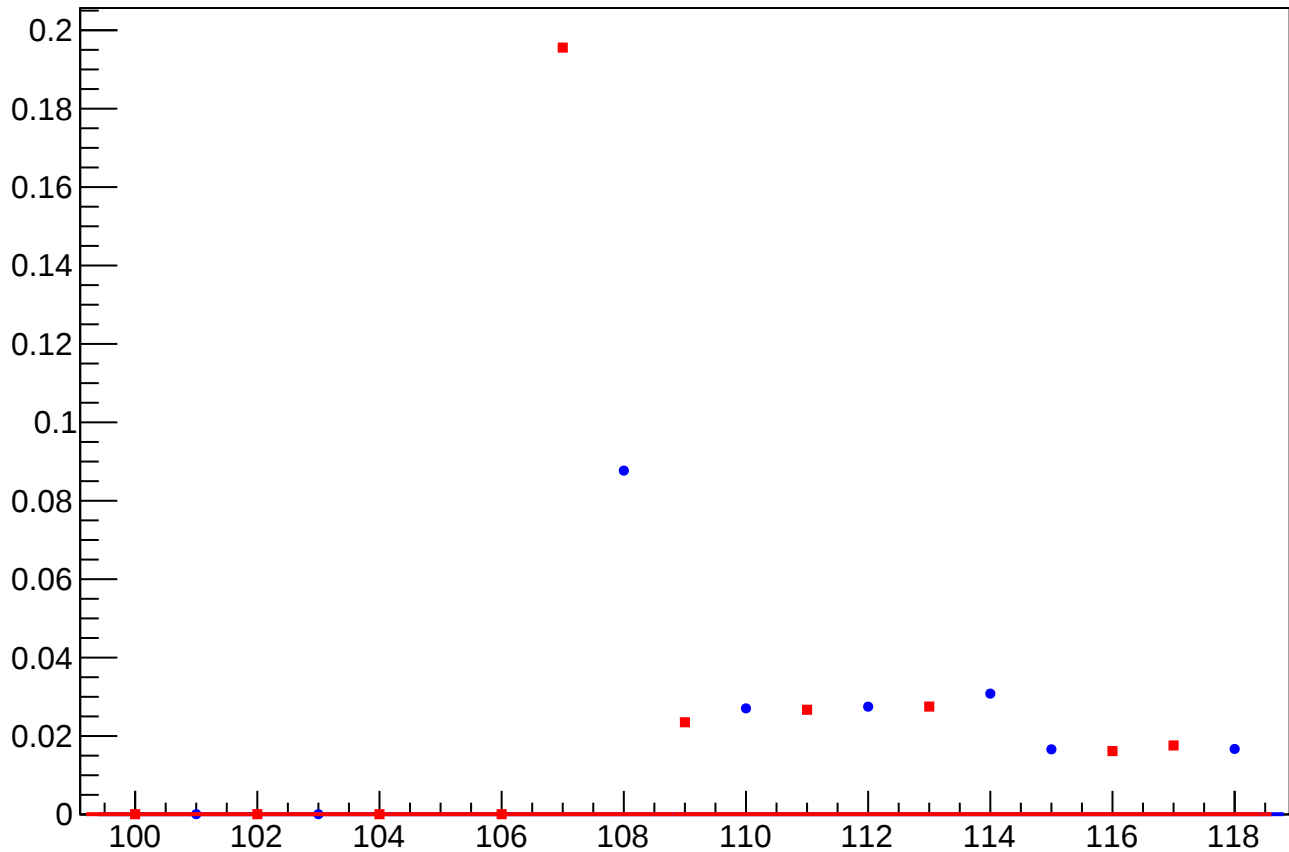
Right Out: 2.584+/-0.000 χ^2/NDF : 1253262104209326.8/9

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

3.564+/-0.000 χ^2/NDF : 60121272704.1/7

2.584+/-0.000 χ^2/NDF : 1253262104209326.8/9

yield_cav4bY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3439196.1/7

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

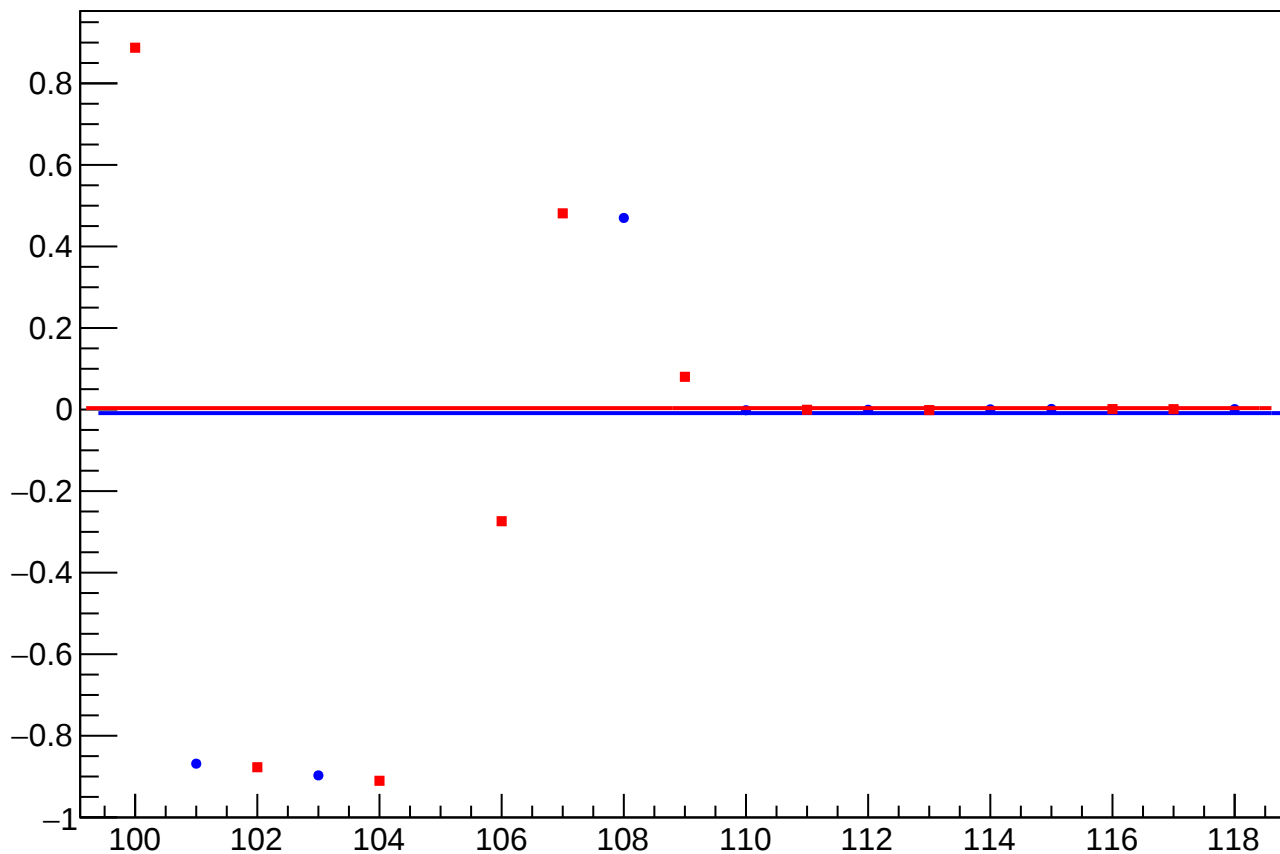
Right Out: 0.000+/-0.000 χ^2/NDF : 3235883.4/9

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

0.000+/-0.000 χ^2/NDF : 3439196.1/7

0.000+/-0.000 χ^2/NDF : 3235883.4/9

yield_cav4cX_mean vs Slug



Right In: -0.009+/-0.000 χ^2/NDF : 9765097844.2/7

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

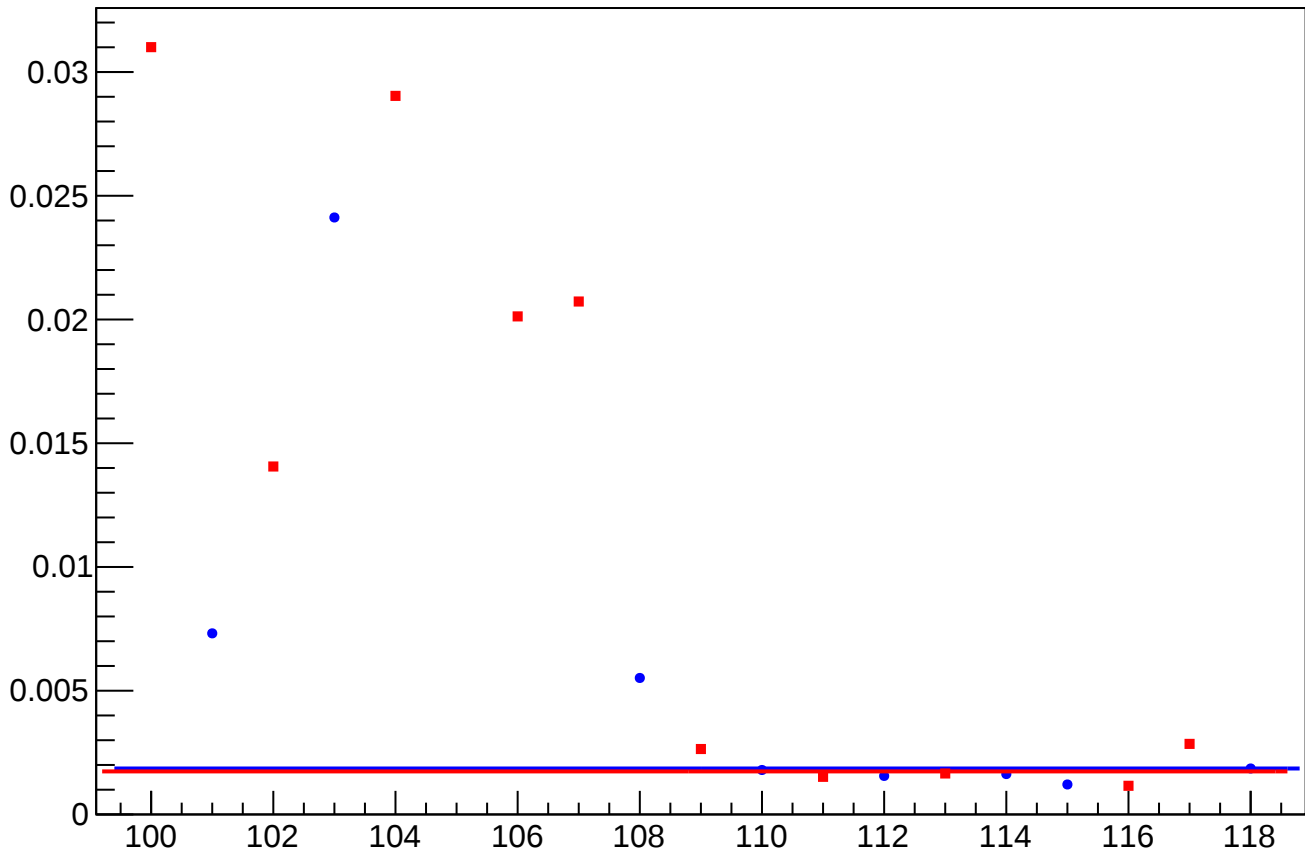
Right Out: 0.004+/-0.000 χ^2/NDF : 3037198057.6/9

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

-0.009+/-0.000 χ^2/NDF : 9765097844.2/7

0.004+/-0.000 χ^2/NDF : 3037198057.6/9

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1692545.9/7

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

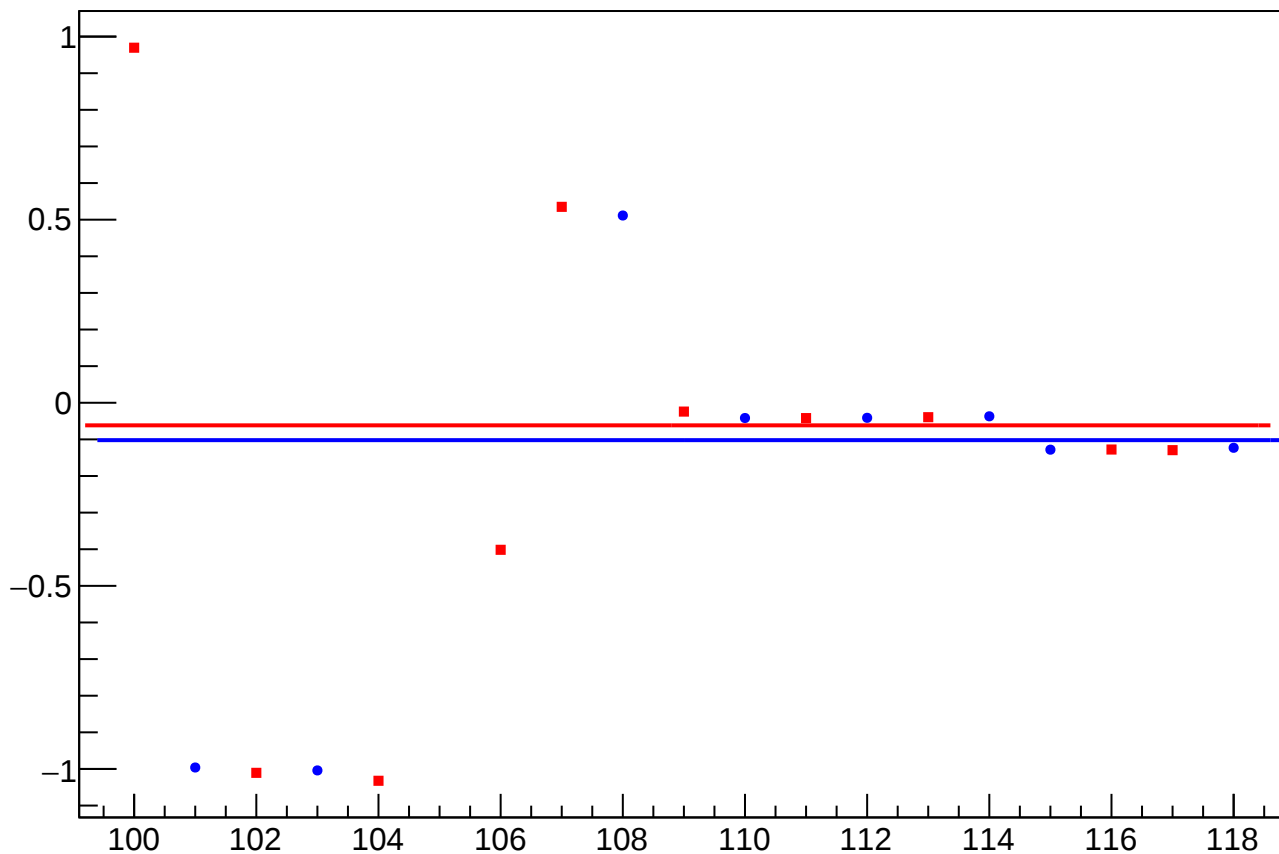
Right Out: 0.002+/-0.000 χ^2/NDF : 2836008.9/9

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

0.002+/-0.000 χ^2/NDF : 1692545.9/7

0.002+/-0.000 χ^2/NDF : 2836008.9/9

yield_cav4cY_mean vs Slug



Right In: -0.102+/-0.000 χ^2/NDF : 3815229698.4/7

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

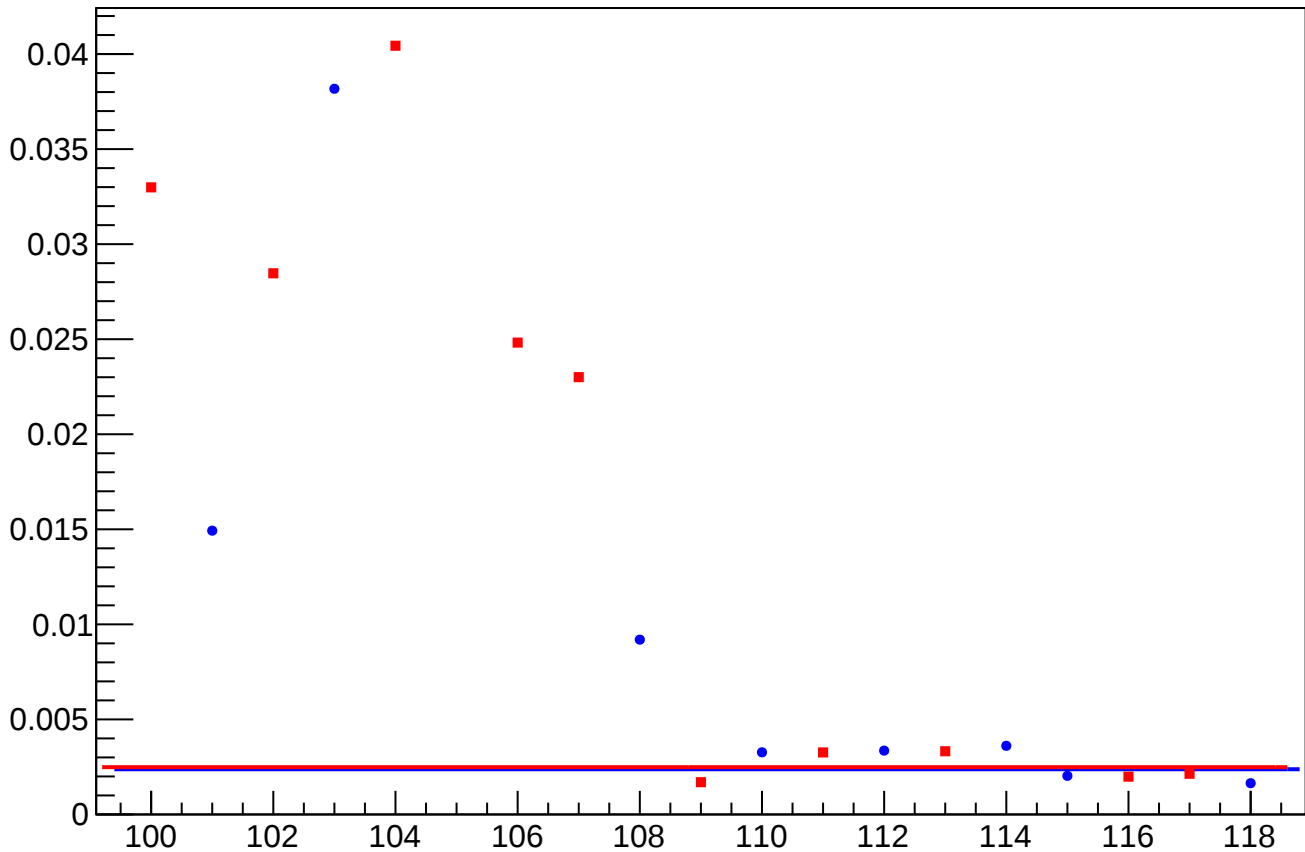
Right Out: -0.062+/-0.000 χ^2/NDF : 1632400810.8/9

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

-0.102+/-0.000 χ^2/NDF : 3815229698.4/7

-0.062+/-0.000 χ^2/NDF : 1632400810.8/9

yield_cav4cY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2353867.8/7

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

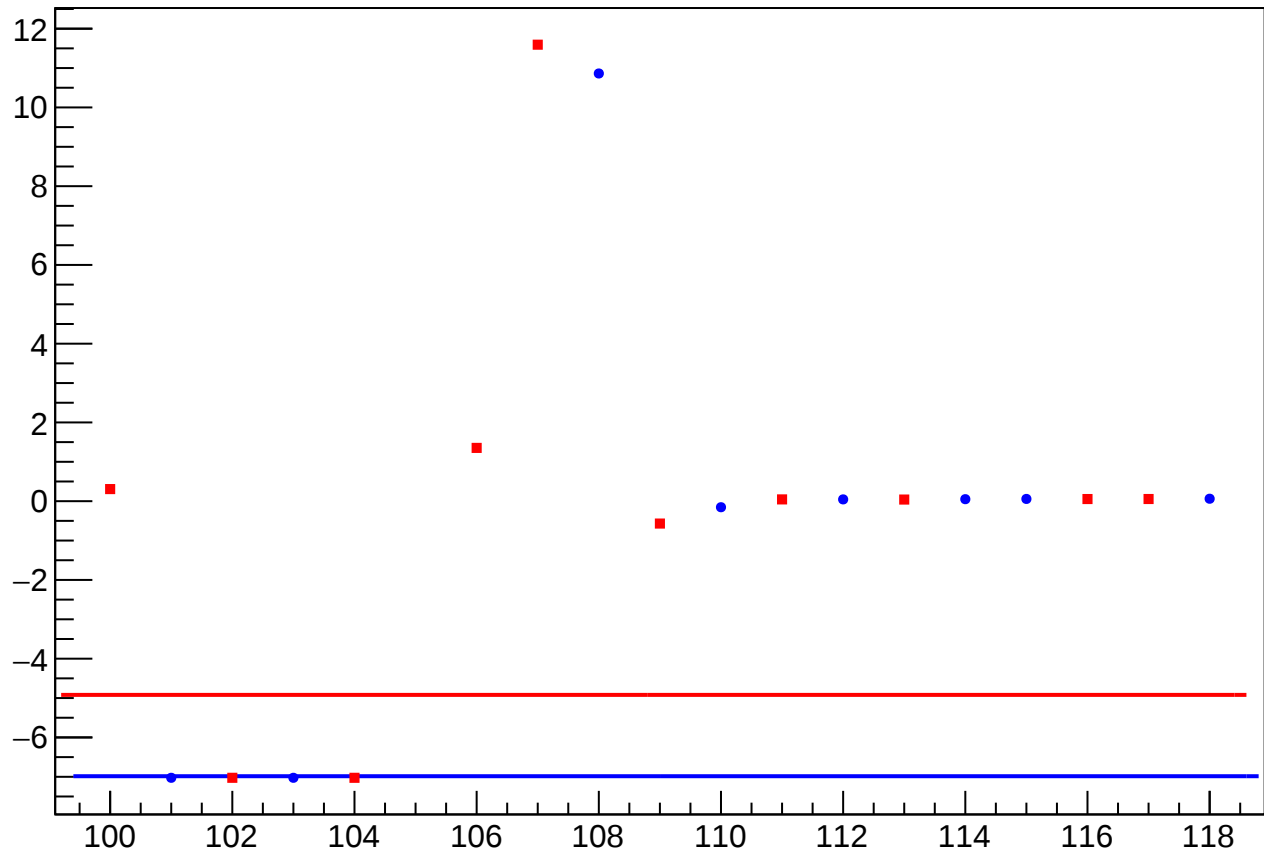
Right Out: 0.002+/-0.000 χ^2/NDF : 2911185.7/9

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

0.002+/-0.000 χ^2/NDF : 2353867.8/7

0.002+/-0.000 χ^2/NDF : 2911185.7/9

yield_cav4dX_mean vs Slug



Right In: -6.985+/-0.000 χ^2/NDF : 6979385862410.0/7

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

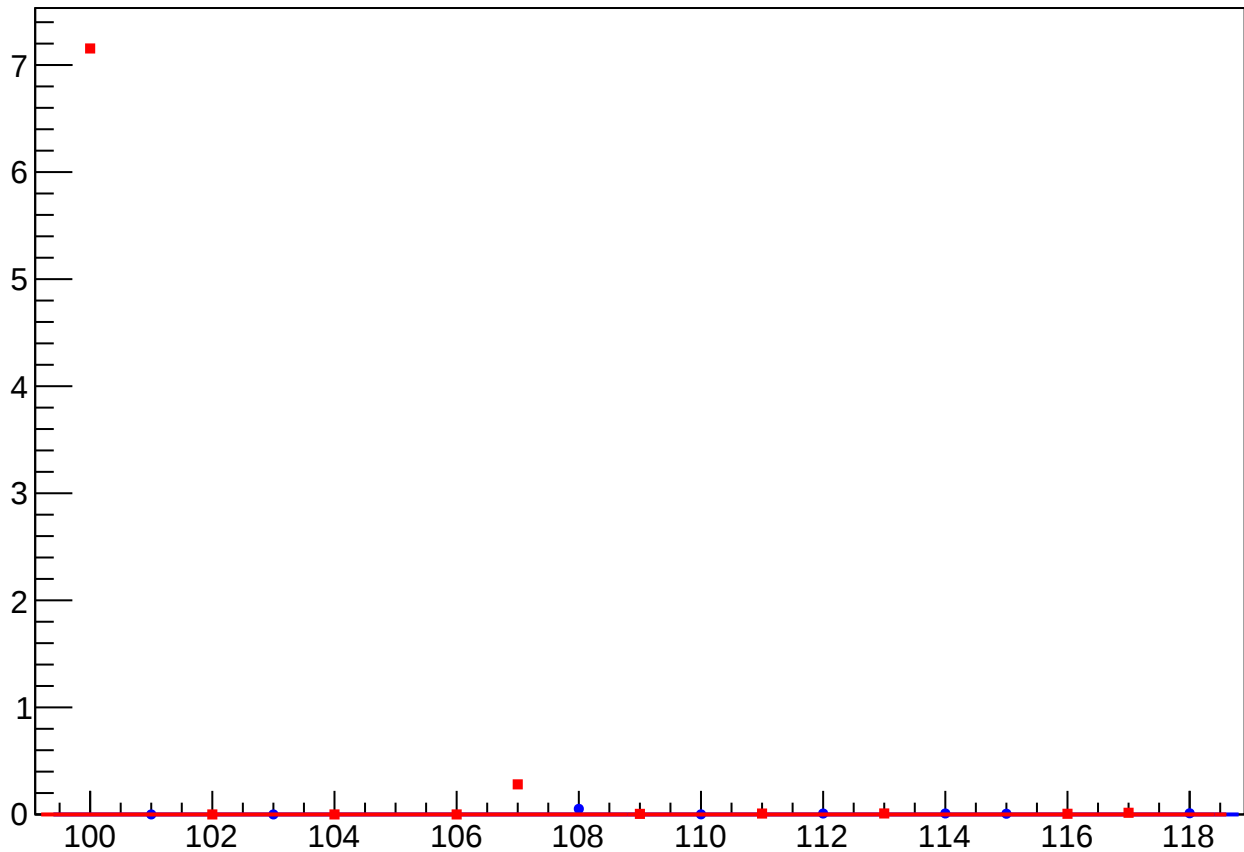
Right Out: -4.920+/-0.000 χ^2/NDF : 364568462617791.0/9

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

-6.985+/-0.000 χ^2/NDF : 6979385862410.0/7

-4.920+/-0.000 χ^2/NDF : 364568462617791.0/9

yield_cav4dX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2747765.4/7

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

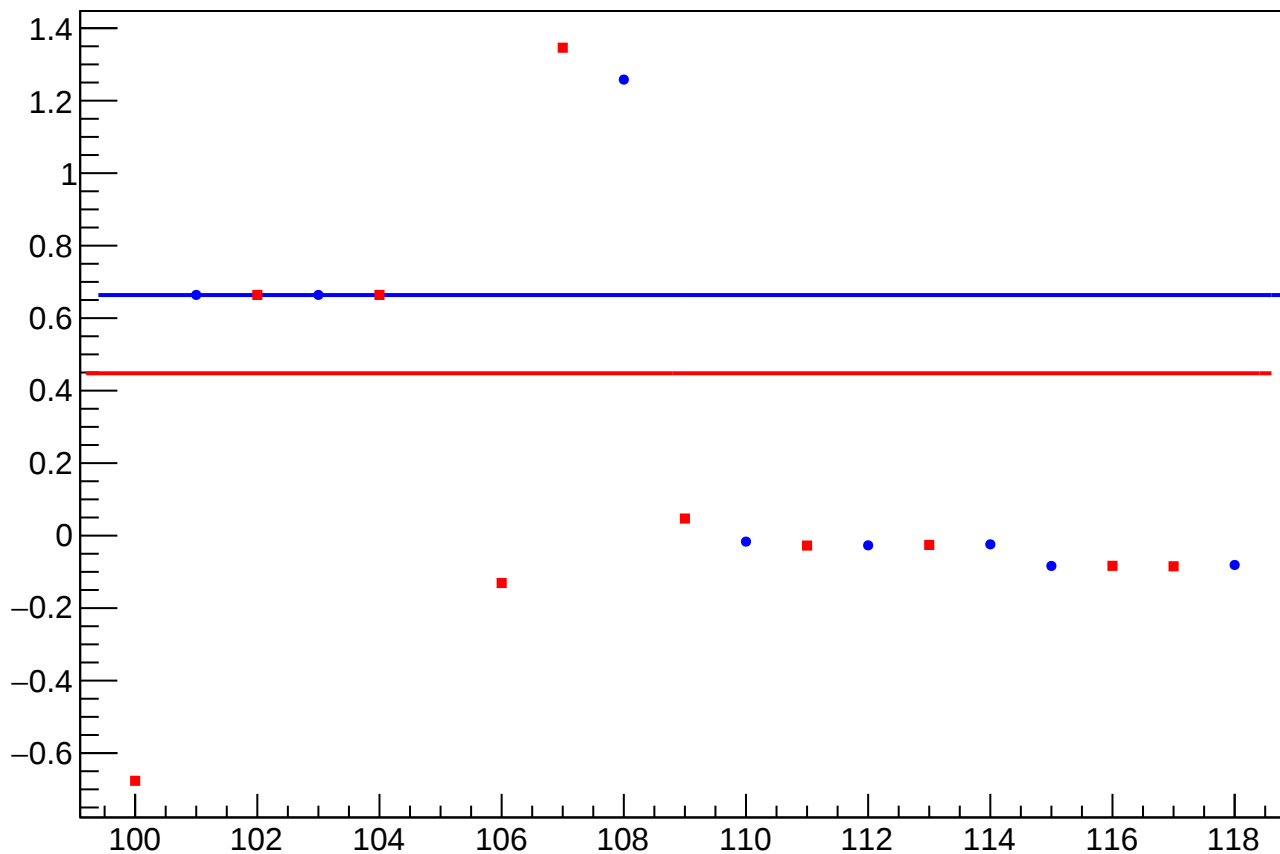
Right Out: 0.000+/-0.000 χ^2/NDF : 2938643.4/9

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

0.000+/-0.000 χ^2/NDF : 2747765.4/7

0.000+/-0.000 χ^2/NDF : 2938643.4/9

yield_cav4dY_mean vs Slug



Right In: 0.664 $\pm$ 0.000 χ^2 /NDF: 745804040596.6/7

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

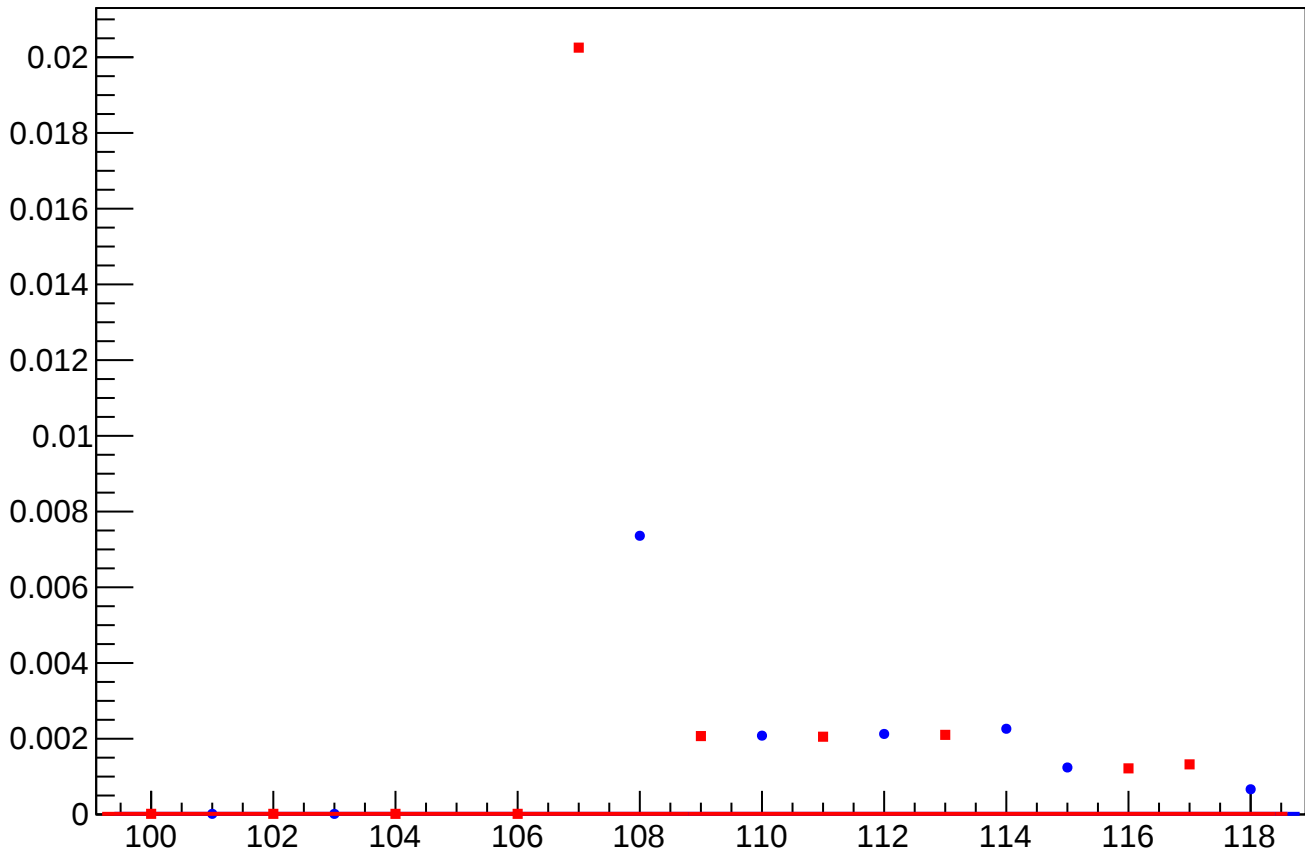
Right Out: 0.448 $\pm$ 0.000 χ^2 /NDF: 402969894938597.7/9

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

0.664 $\pm$ 0.000 χ^2 /NDF: 745804040596.6/7

0.448 $\pm$ 0.000 χ^2 /NDF: 402969894938597.7/9

yield_cav4dY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3524695.1/7

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

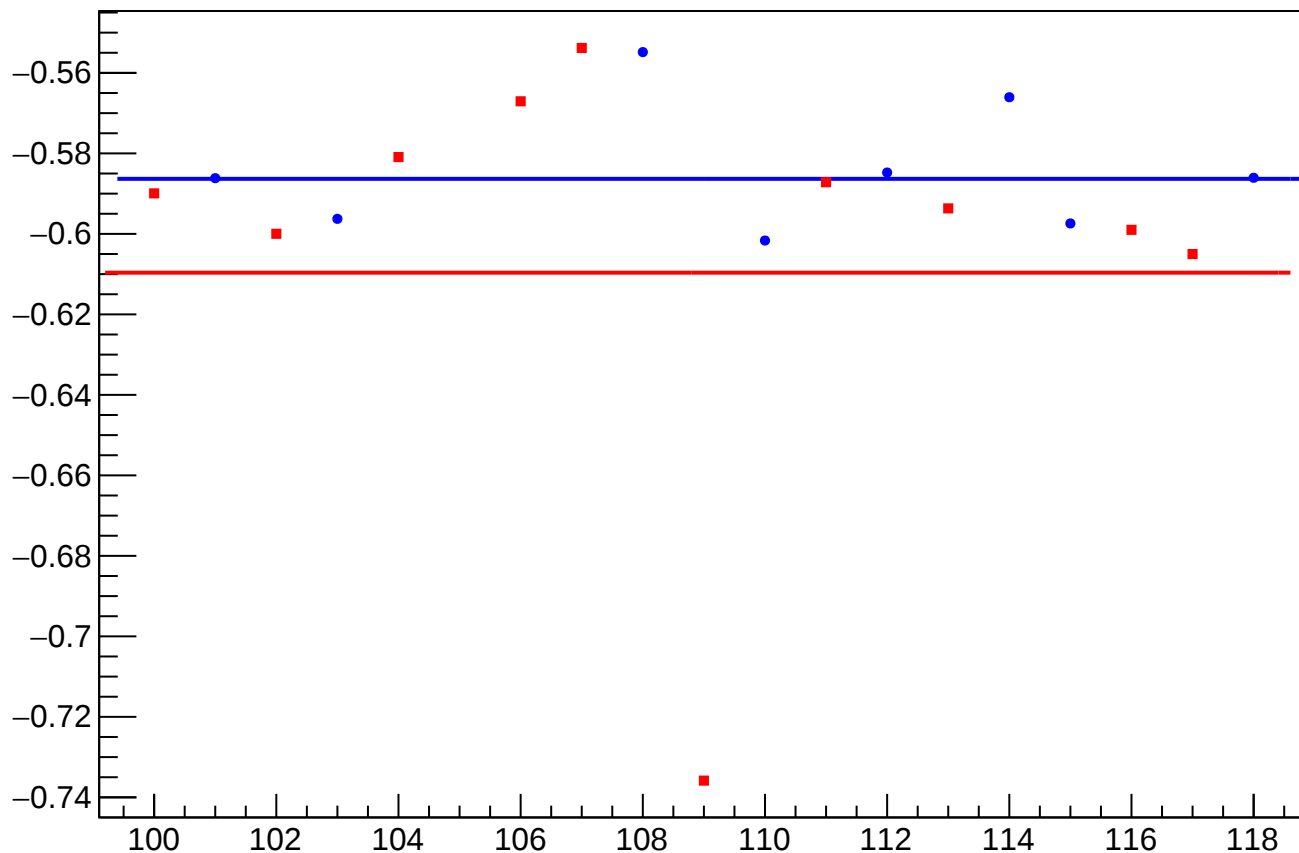
Right Out: 0.000+/-0.000 χ^2/NDF : 2921838.2/9

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

0.000+/-0.000 χ^2/NDF : 3524695.1/7

0.000+/-0.000 χ^2/NDF : 2921838.2/9

yield_bpm4aX_mean vs Slug



Right In: -0.586+/-0.000 χ^2/NDF : 480940.1/7

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

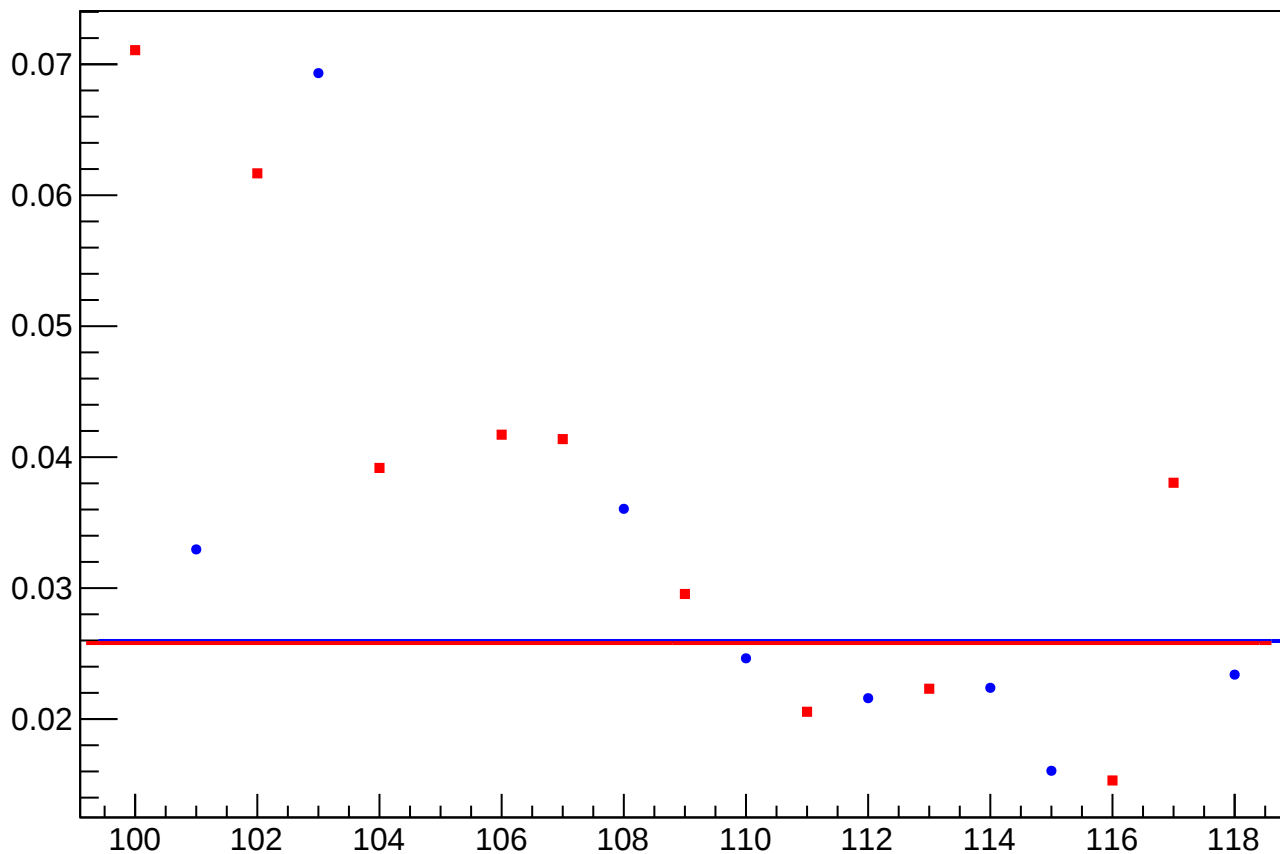
Right Out: -0.610+/-0.000 χ^2/NDF : 9712647.8/9

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

-0.586+/-0.000 χ^2/NDF : 480940.1/7

-0.610+/-0.000 χ^2/NDF : 9712647.8/9

yield_bpm4aX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 651959.8/7

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

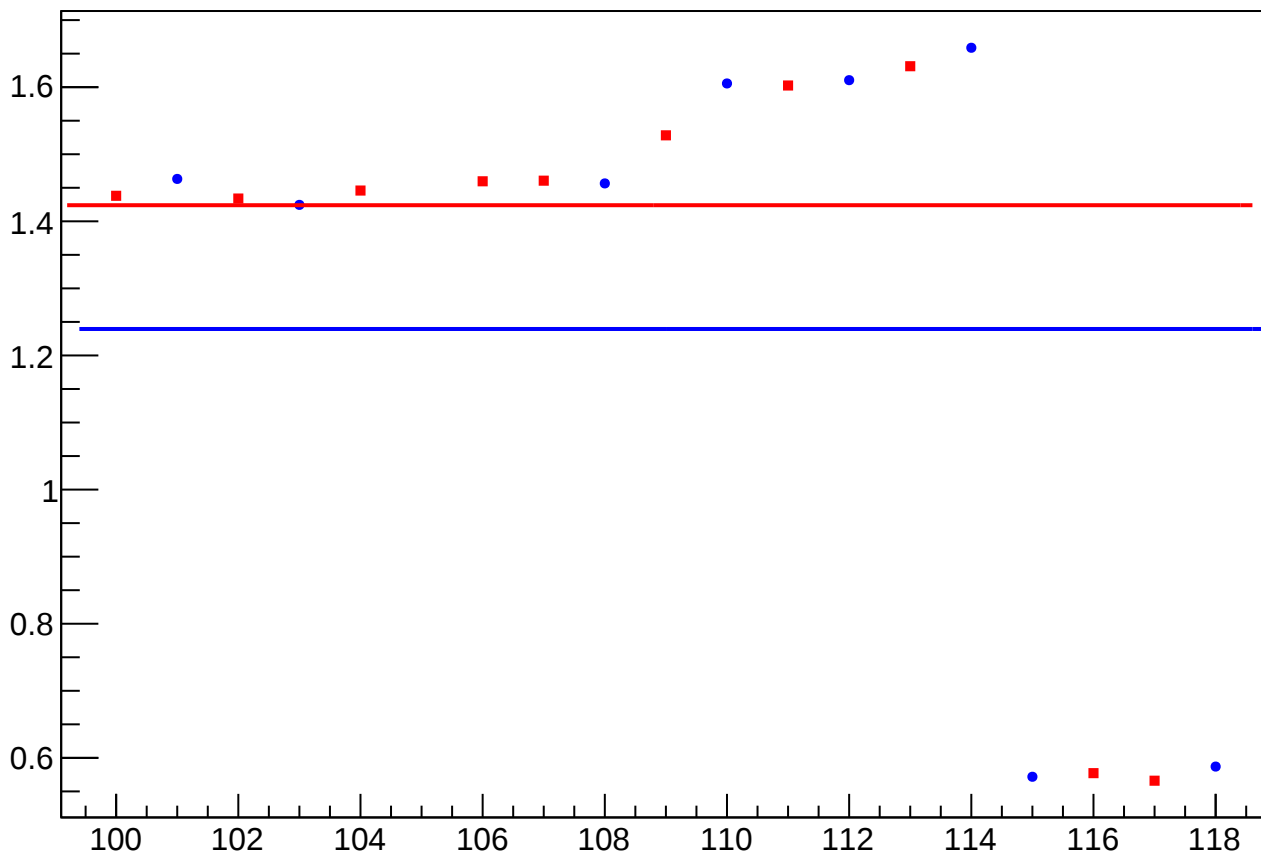
Right Out: 0.026+/-0.000 χ^2/NDF : 890678.6/9

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

0.026+/-0.000 χ^2/NDF : 651959.8/7

0.026+/-0.000 χ^2/NDF : 890678.6/9

yield_bpm4aY_mean vs Slug



Right In: 1.239+/-0.000 χ^2/NDF : 1218245431.7/7

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

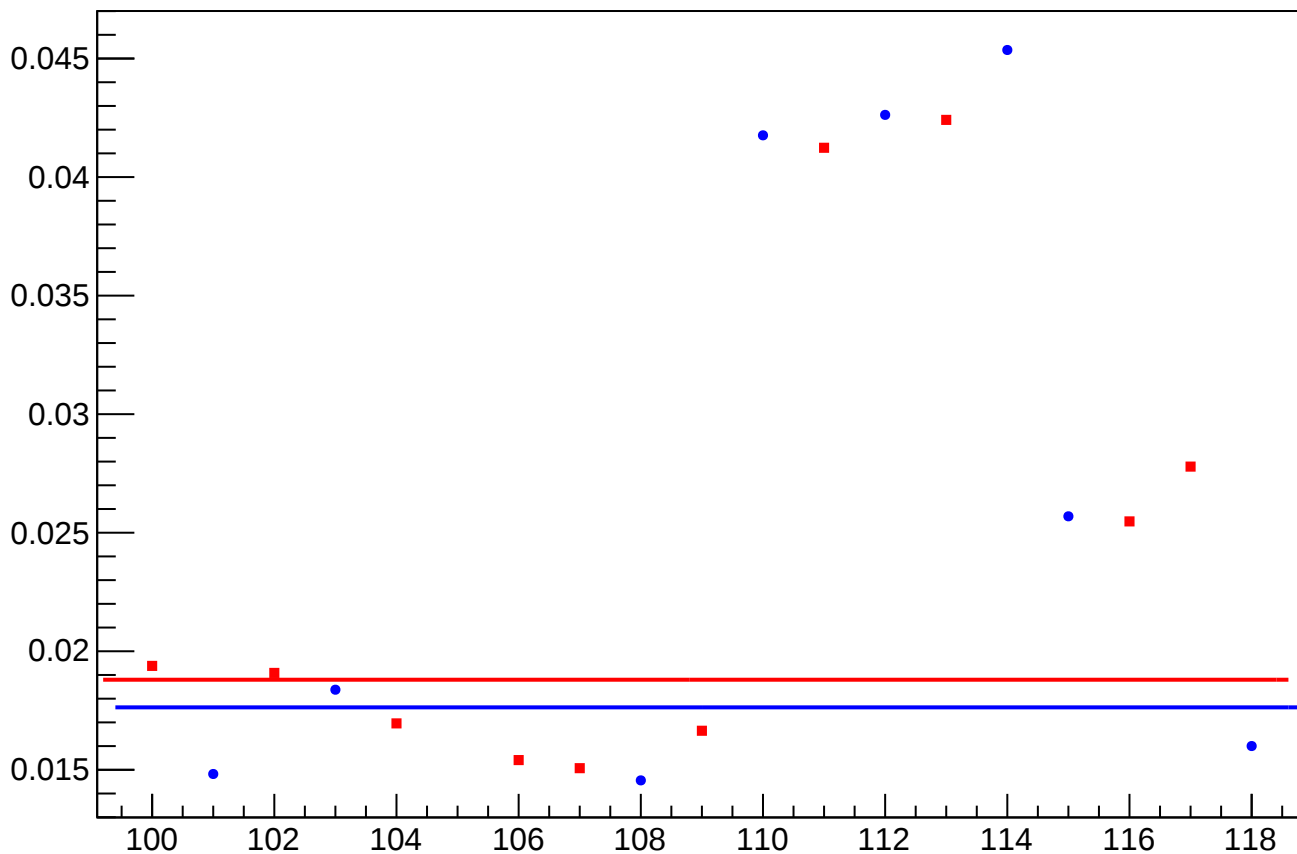
Right Out: 1.424+/-0.000 χ^2/NDF : 348008701.0/9

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

1.239+/-0.000 χ^2/NDF : 1218245431.7/7

1.424+/-0.000 χ^2/NDF : 348008701.0/9

yield_bpm4aY_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 707238.3/7

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

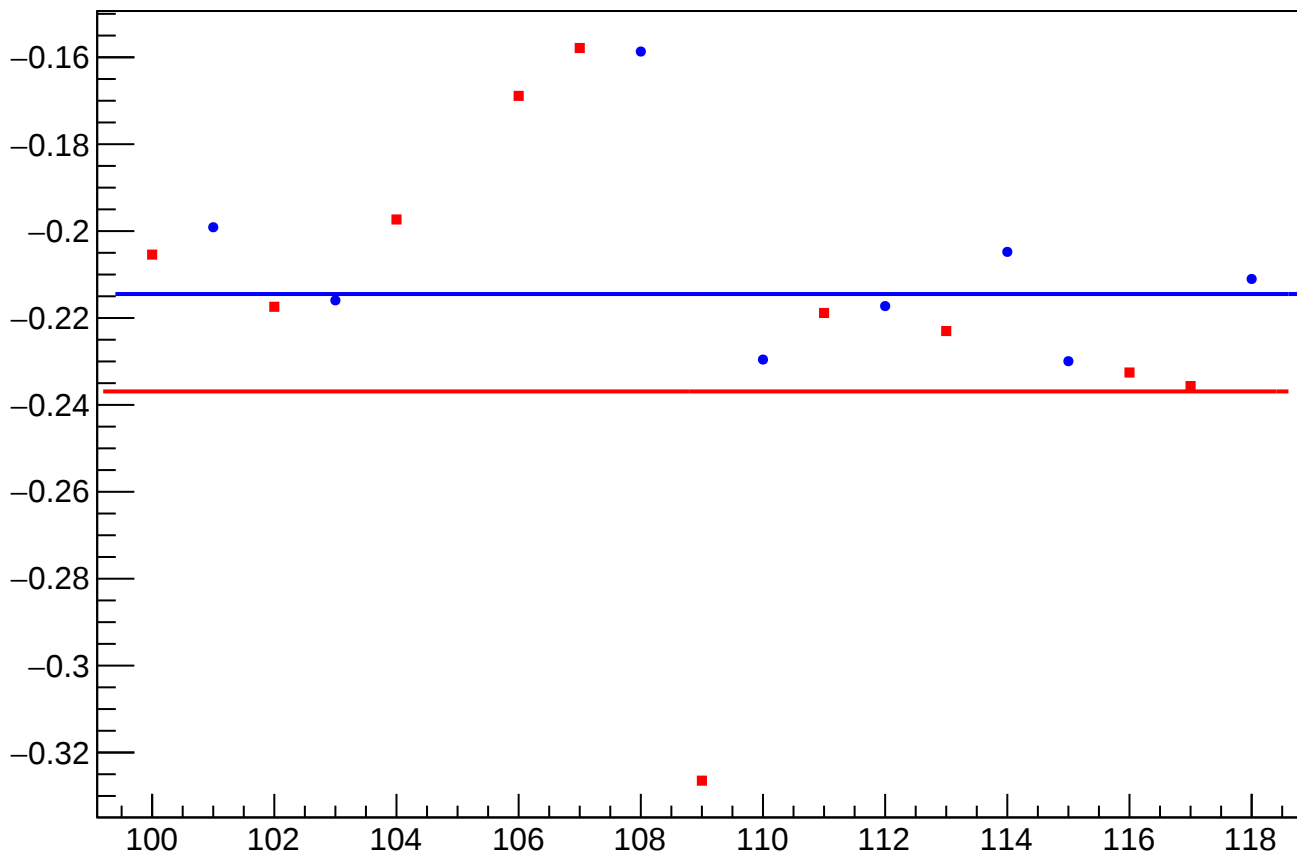
Right Out: 0.019+/-0.000 χ^2/NDF : 632745.1/9

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

0.018+/-0.000 χ^2/NDF : 707238.3/7

0.019+/-0.000 χ^2/NDF : 632745.1/9

yield_bpm4eX_mean vs Slug



Right In: -0.214+/-0.000 χ^2/NDF : 1216068.5/7

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

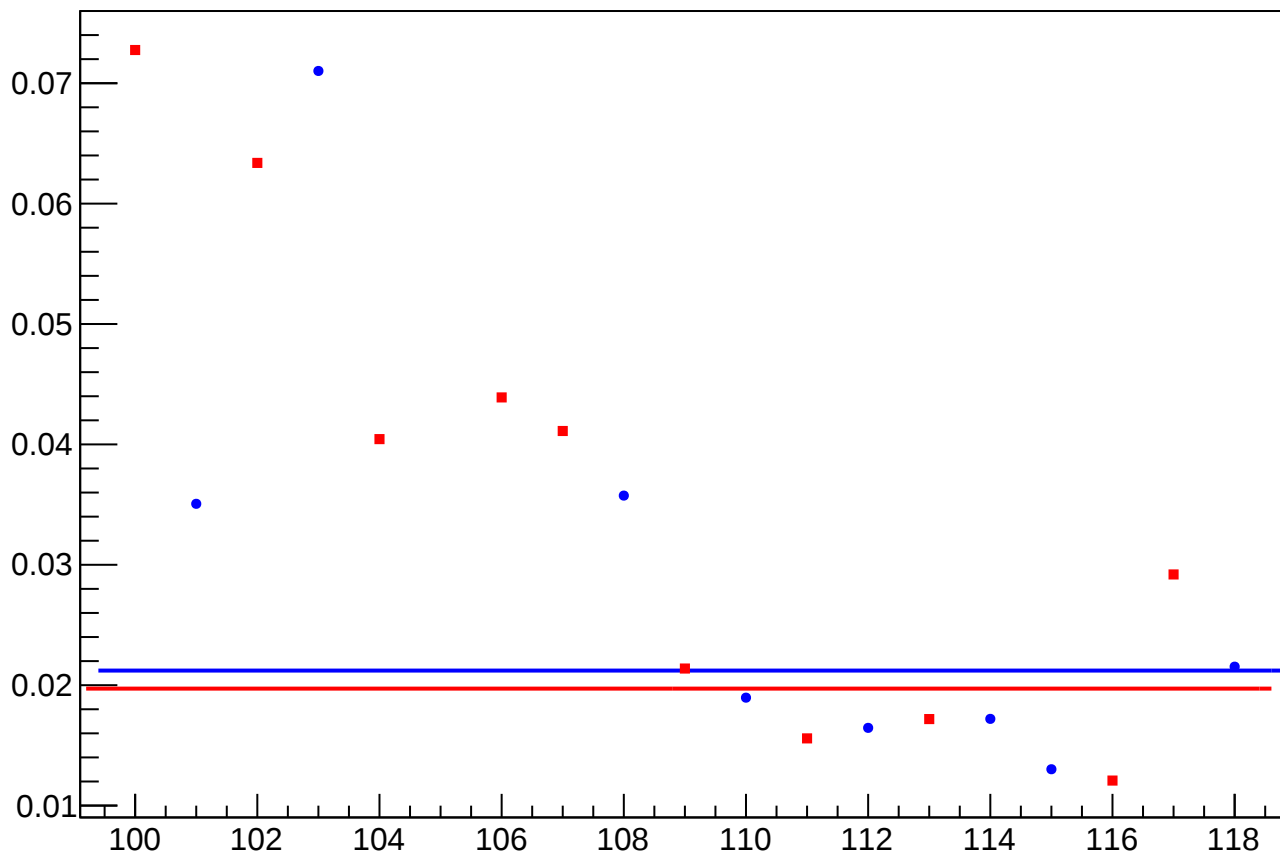
Right Out: -0.237+/-0.000 χ^2/NDF : 10347388.3/9

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

-0.214+/-0.000 χ^2/NDF : 1216068.5/7

-0.237+/-0.000 χ^2/NDF : 10347388.3/9

yield_bpm4eX_rms vs Slug



Right In: 0.021+/-0.000 χ^2/NDF : 971215.2/7

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

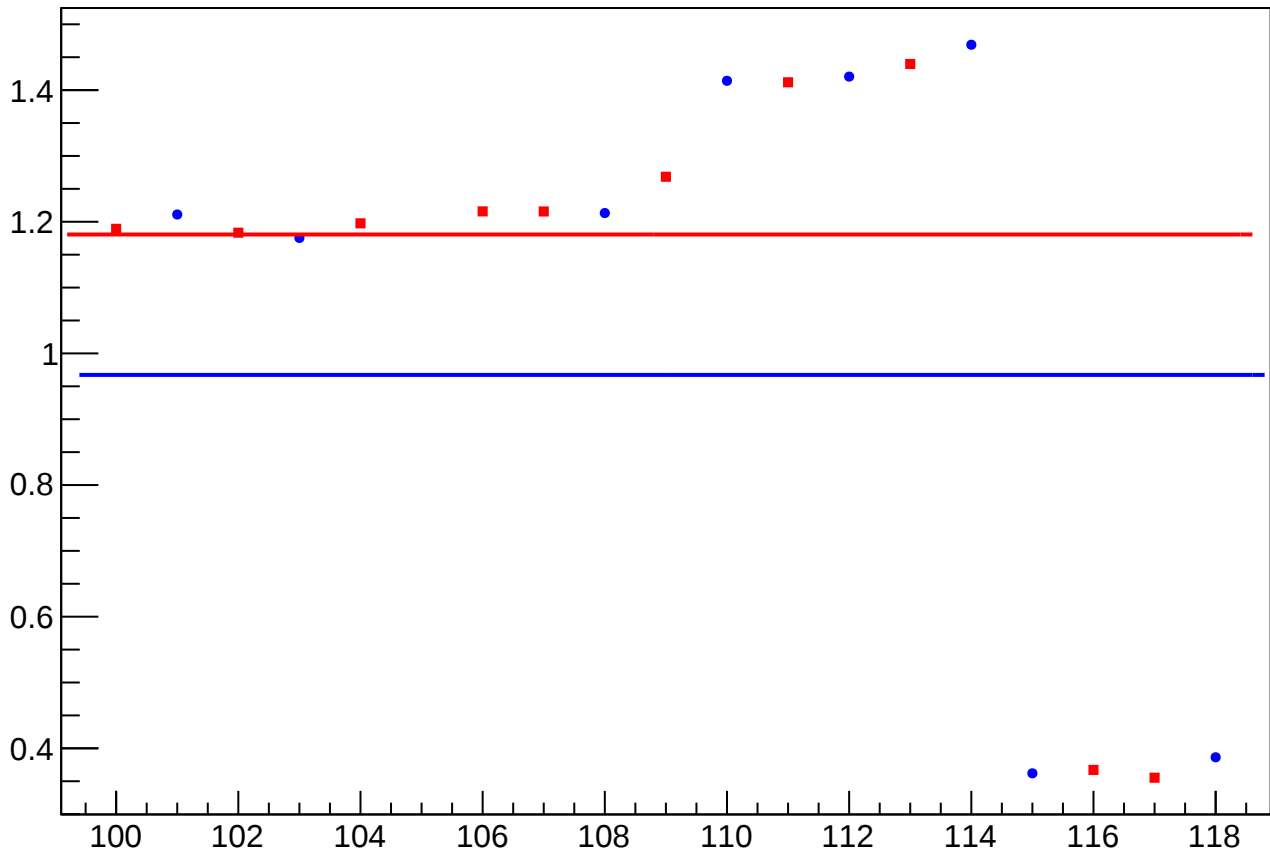
Right Out: 0.020+/-0.000 χ^2/NDF : 1272727.8/9

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

0.021+/-0.000 χ^2/NDF : 971215.2/7

0.020+/-0.000 χ^2/NDF : 1272727.8/9

yield_bpm4eY_mean vs Slug



Right In: 0.967+/-0.000 χ^2/NDF : 1881953591.8/7

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

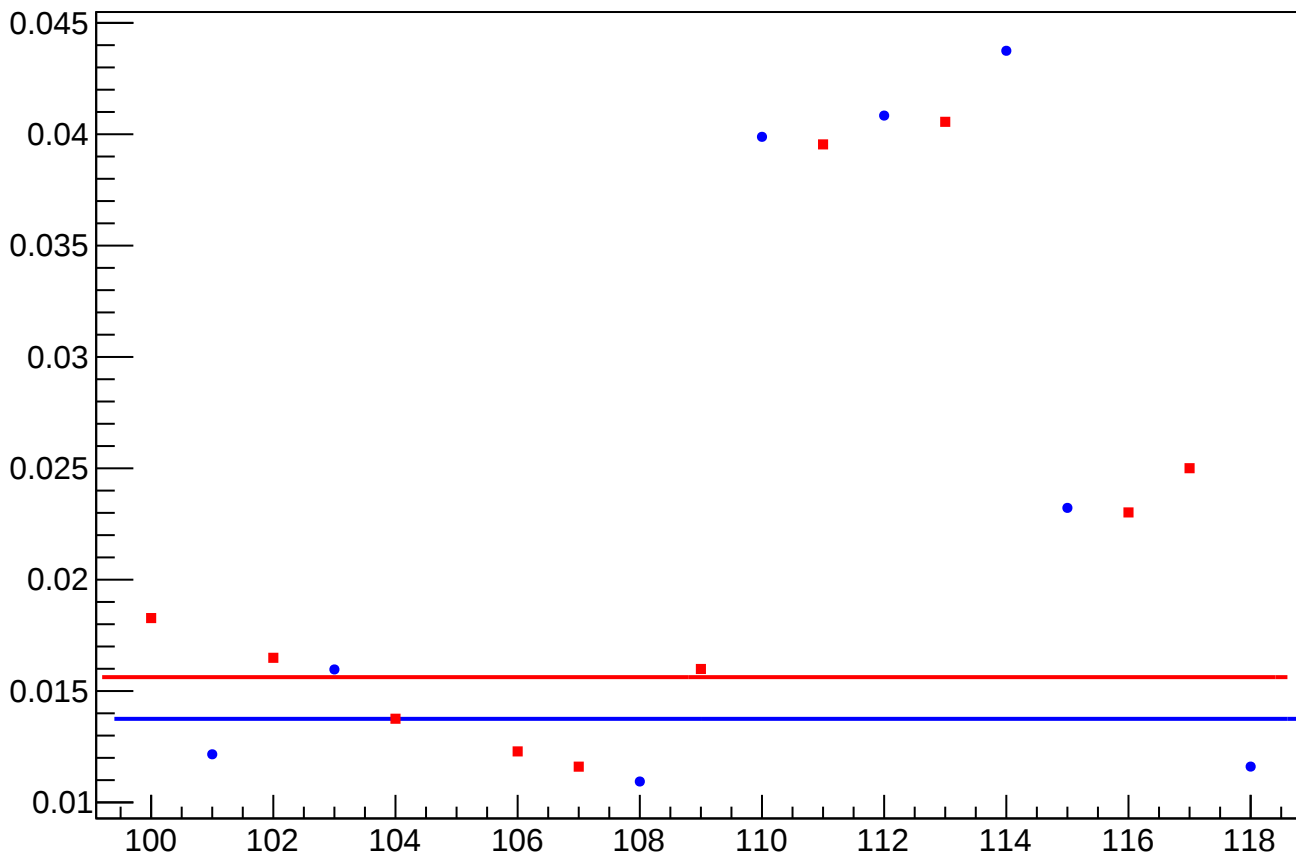
0.967+/-0.000 χ^2/NDF : 1881953591.8/7

Right Out: 1.181+/-0.000 χ^2/NDF : 400665945.4/9

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

1.181+/-0.000 χ^2/NDF : 400665945.4/9

yield_bpm4eY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 921592.0/7

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

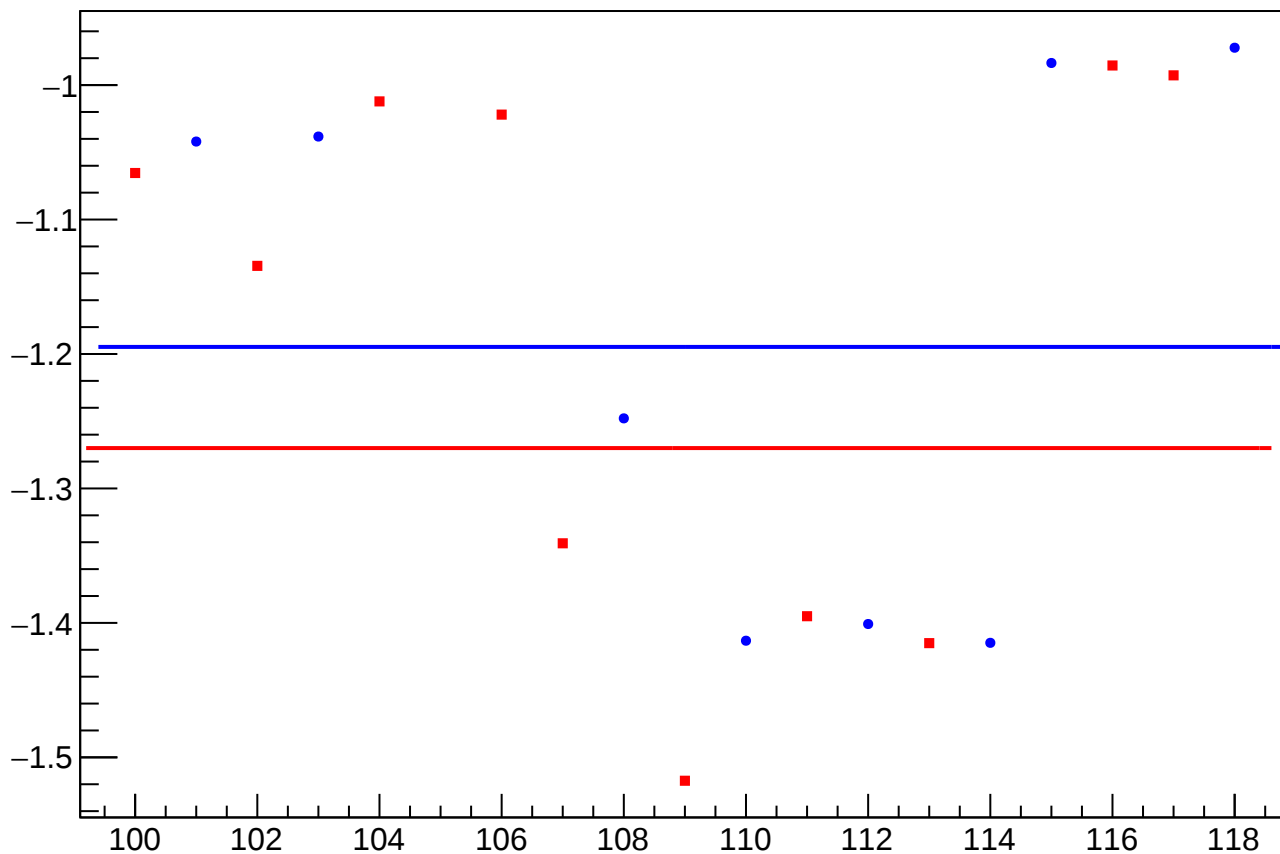
Right Out: 0.016+/-0.000 χ^2/NDF : 813156.4/9

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

0.014+/-0.000 χ^2/NDF : 921592.0/7

0.016+/-0.000 χ^2/NDF : 813156.4/9

yield_bpm4acX_mean vs Slug



Right In: -1.195+/-0.000 χ^2/NDF : 141635285.3/7

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

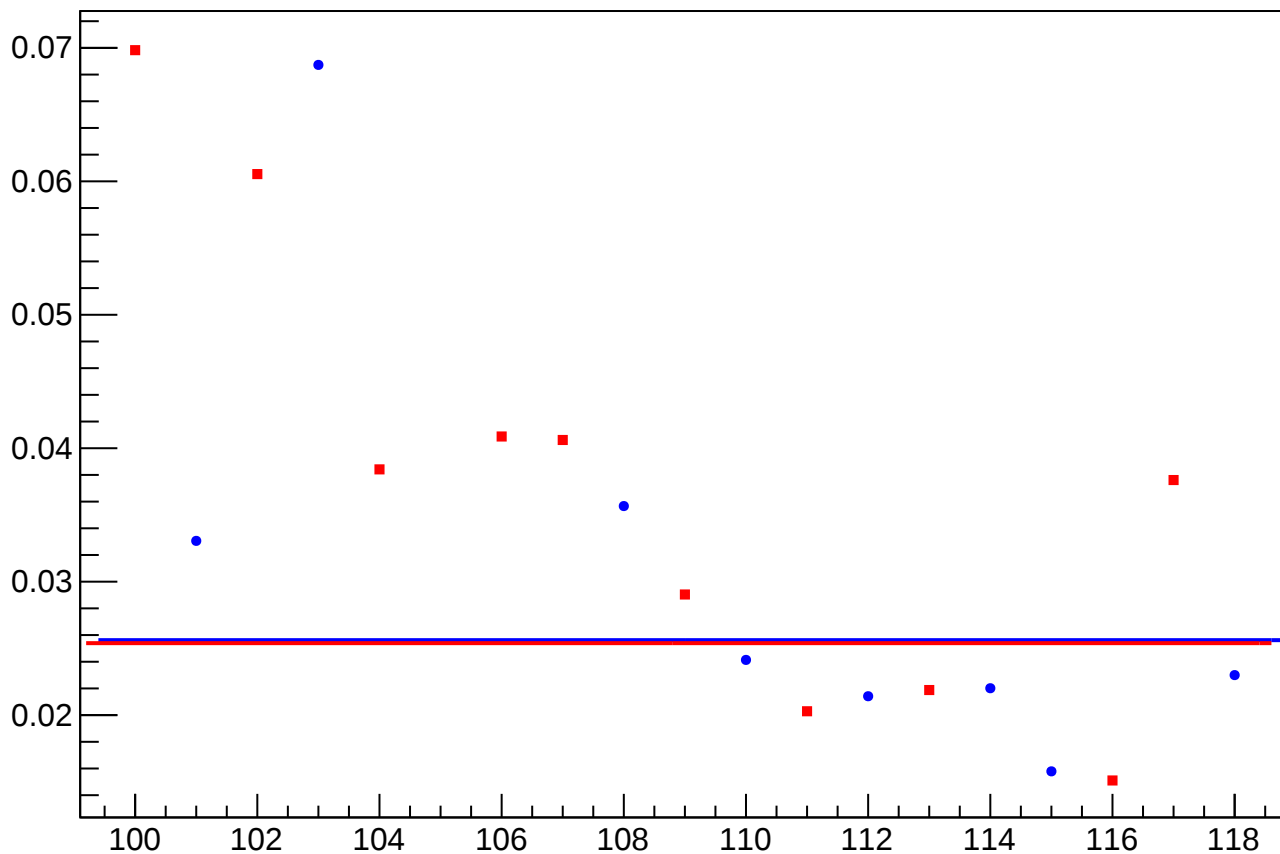
Right Out: -1.270+/-0.000 χ^2/NDF : 160337789.7/9

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

-1.195+/-0.000 χ^2/NDF : 141635285.3/7

-1.270+/-0.000 χ^2/NDF : 160337789.7/9

yield_bpm4acX_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 659820.9/7

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

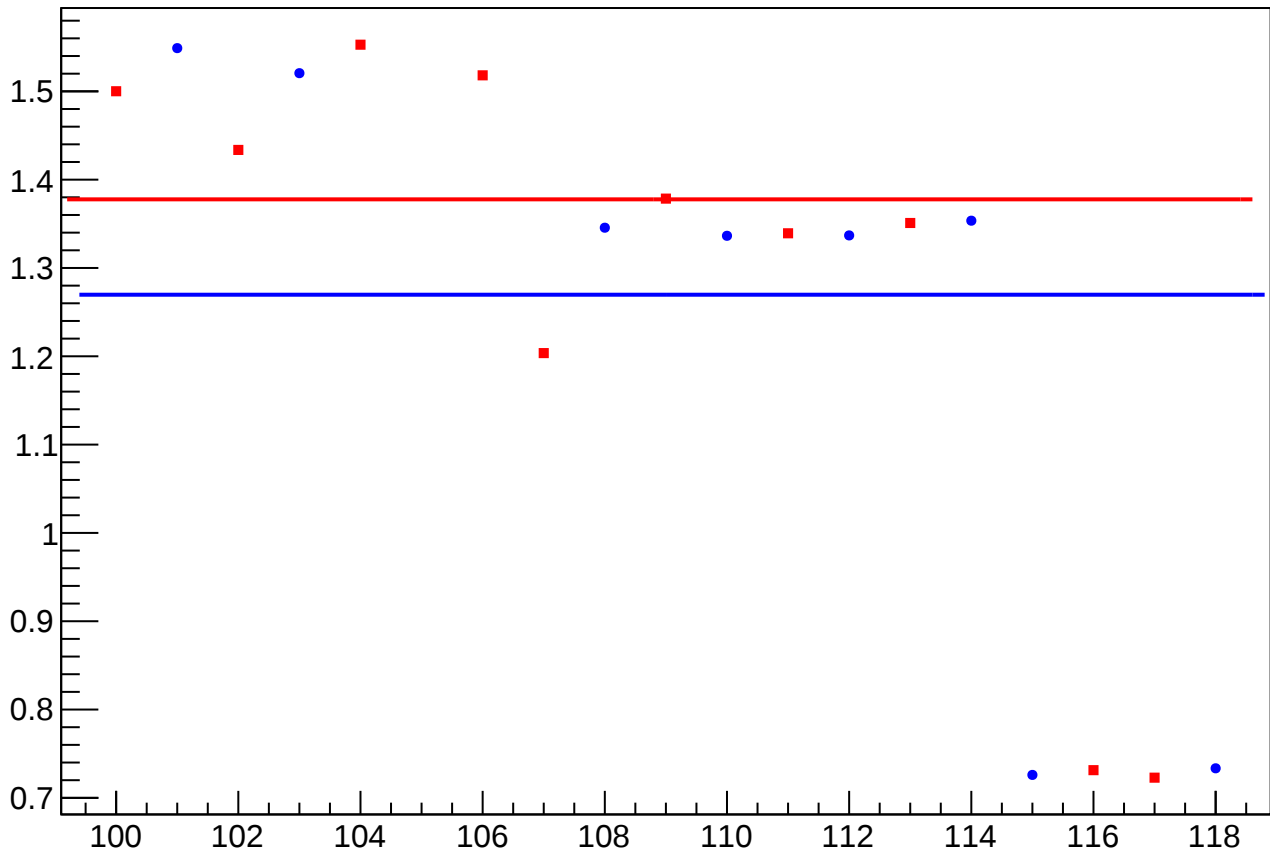
Right Out: 0.025+/-0.000 χ^2/NDF : 883927.7/9

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

0.026+/-0.000 χ^2/NDF : 659820.9/7

0.025+/-0.000 χ^2/NDF : 883927.7/9

yield_bpm4acY_mean vs Slug



Right In: 1.270+/-0.000 χ^2/NDF : 865527876.2/7

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

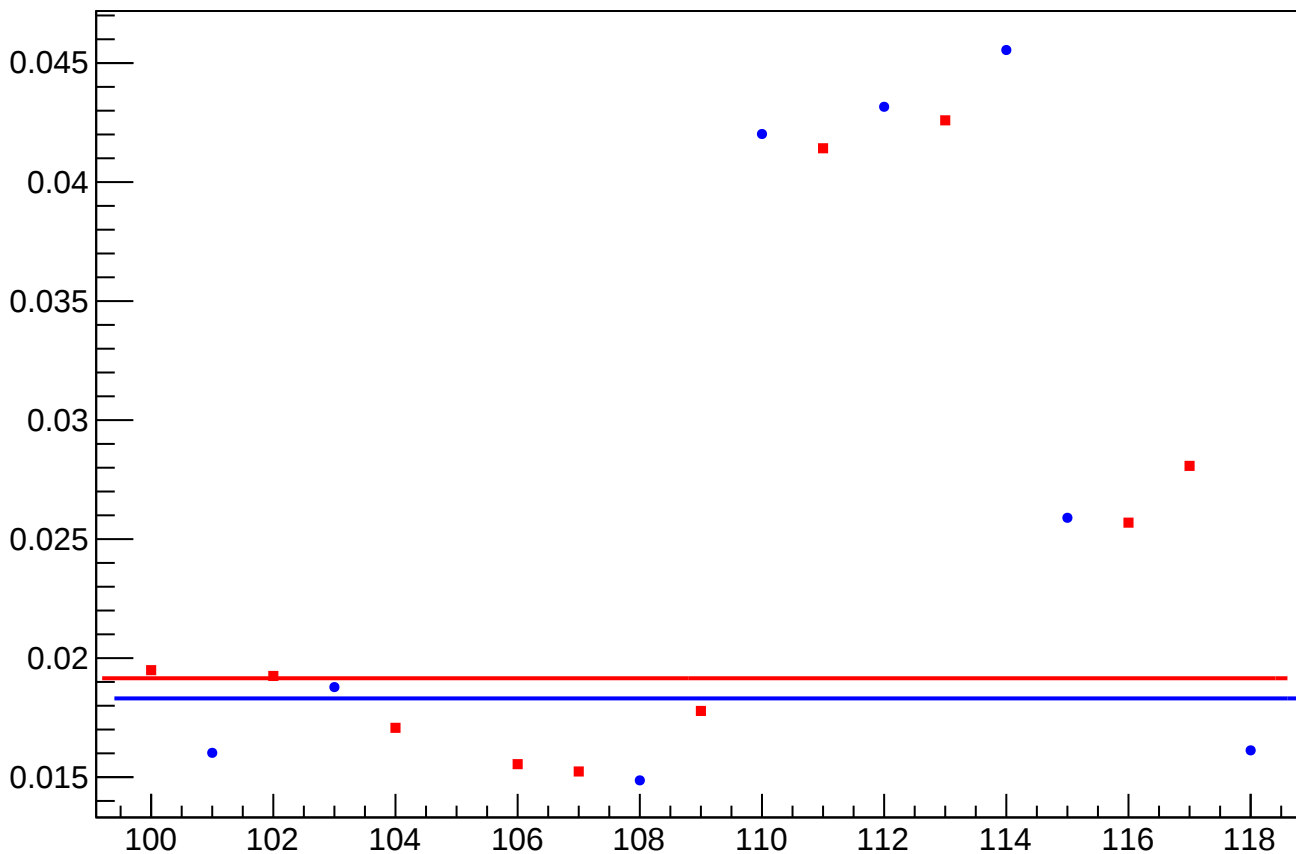
Right Out: 1.378+/-0.000 χ^2/NDF : 295828856.8/9

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

1.270+/-0.000 χ^2/NDF : 865527876.2/7

1.378+/-0.000 χ^2/NDF : 295828856.8/9

yield_bpm4acY_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 675128.2/7

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

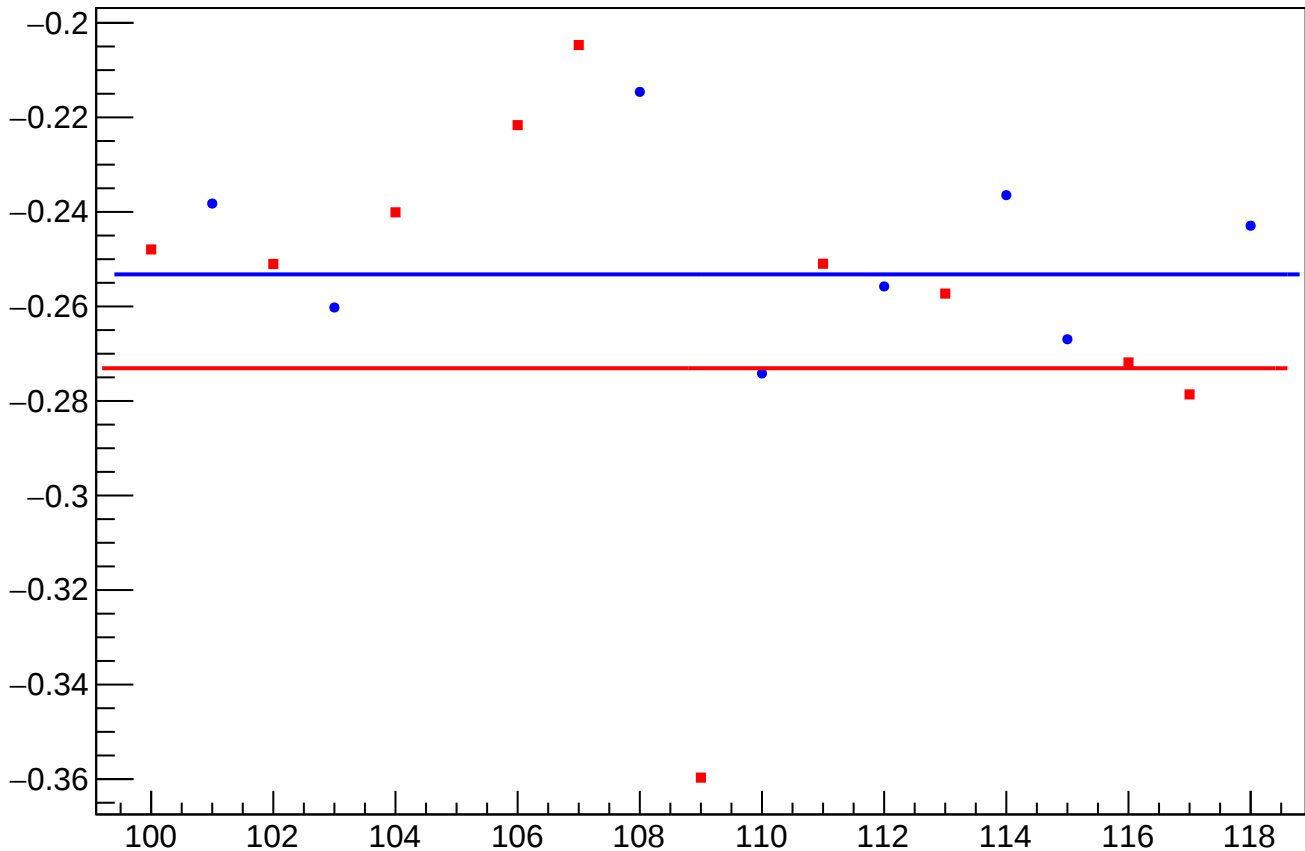
Right Out: 0.019+/-0.000 χ^2/NDF : 619158.8/9

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

0.018+/-0.000 χ^2/NDF : 675128.2/7

0.019+/-0.000 χ^2/NDF : 619158.8/9

yield_bpm4ecX_mean vs Slug



Right In: -0.253+/-0.000 χ^2/NDF : 1094168.3/7

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

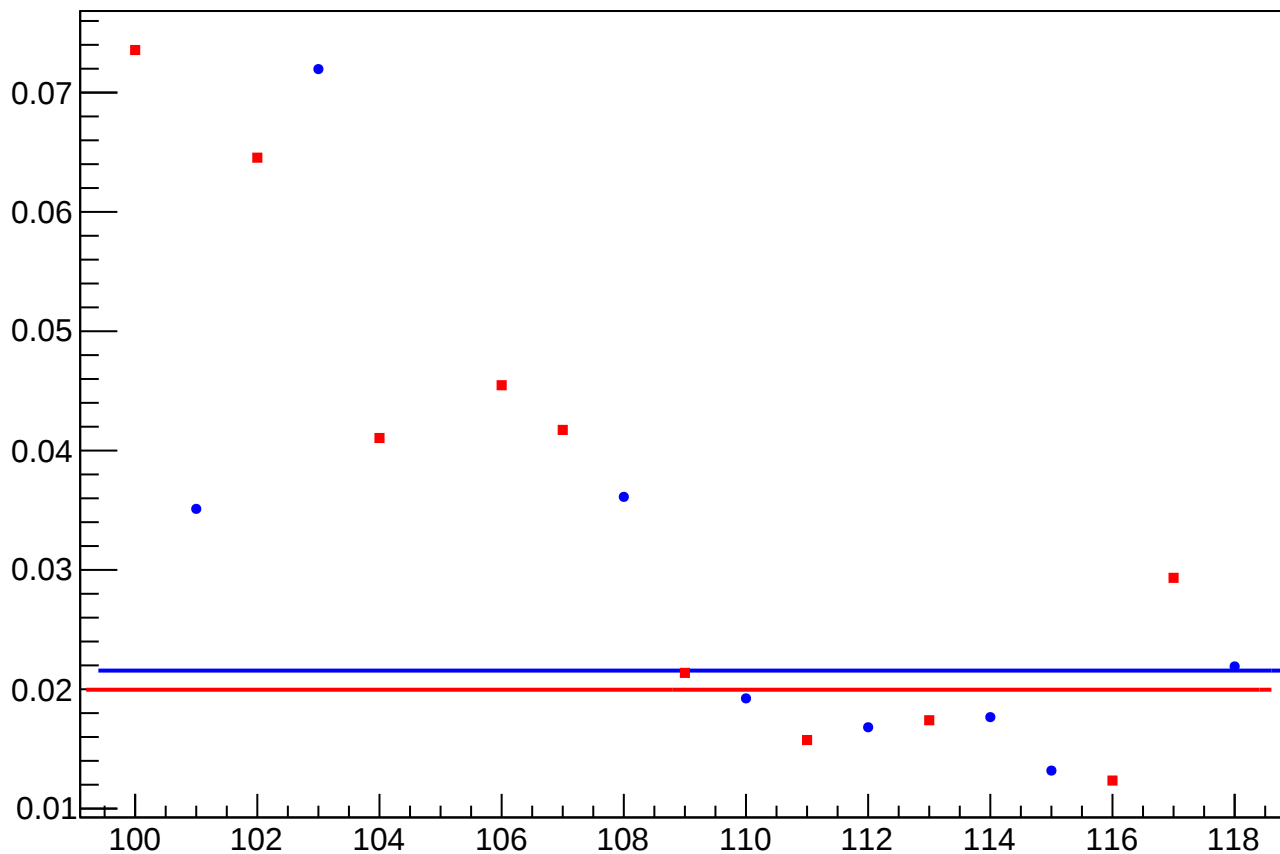
Right Out: -0.273+/-0.000 χ^2/NDF : 9439209.1/9

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

-0.253+/-0.000 χ^2/NDF : 1094168.3/7

-0.273+/-0.000 χ^2/NDF : 9439209.1/9

yield_bpm4ecX_rms vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 956516.6/7

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

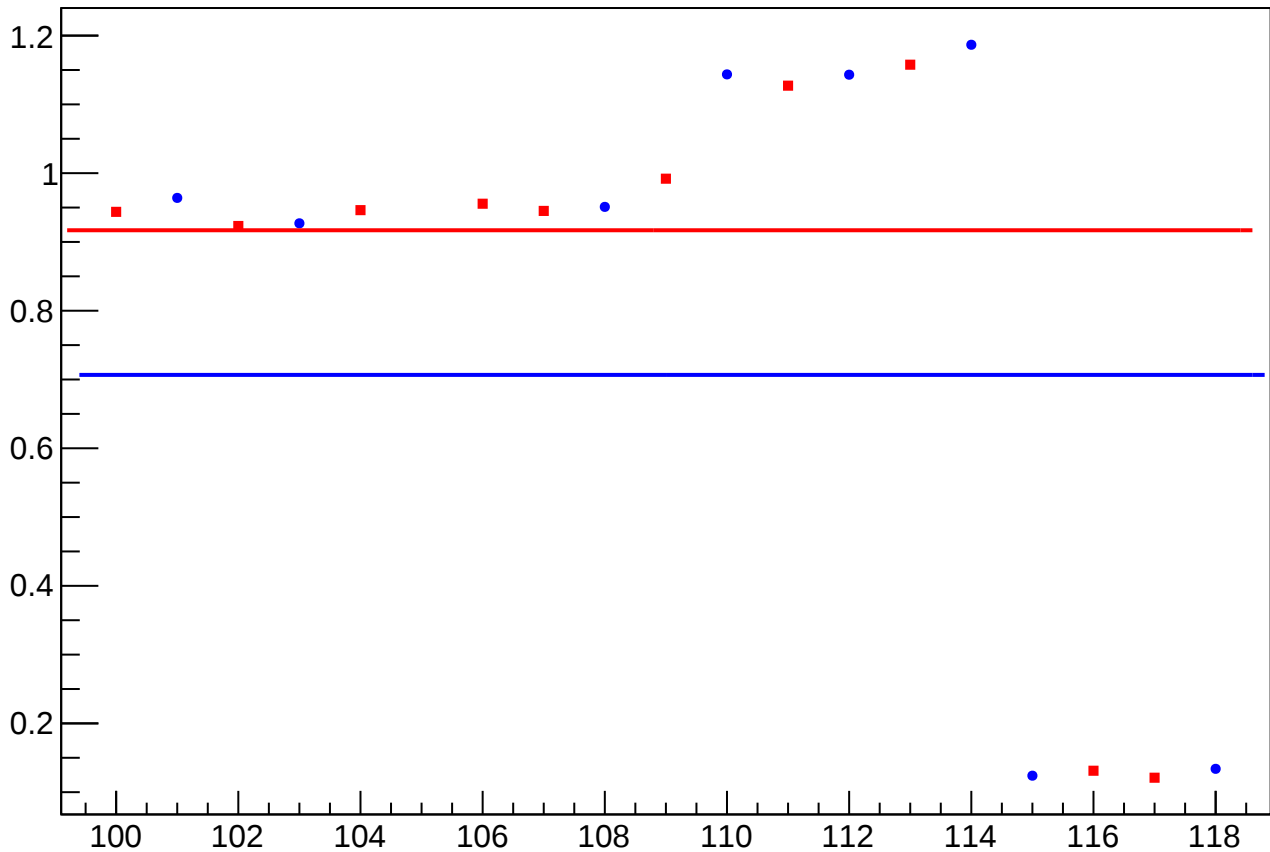
Right Out: 0.020+/-0.000 χ^2/NDF : 1278243.4/9

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

0.022+/-0.000 χ^2/NDF : 956516.6/7

0.020+/-0.000 χ^2/NDF : 1278243.4/9

yield_bpm4ecY_mean vs Slug



Right In: 0.707+/-0.000 χ^2/NDF : 1917323530.1/7

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

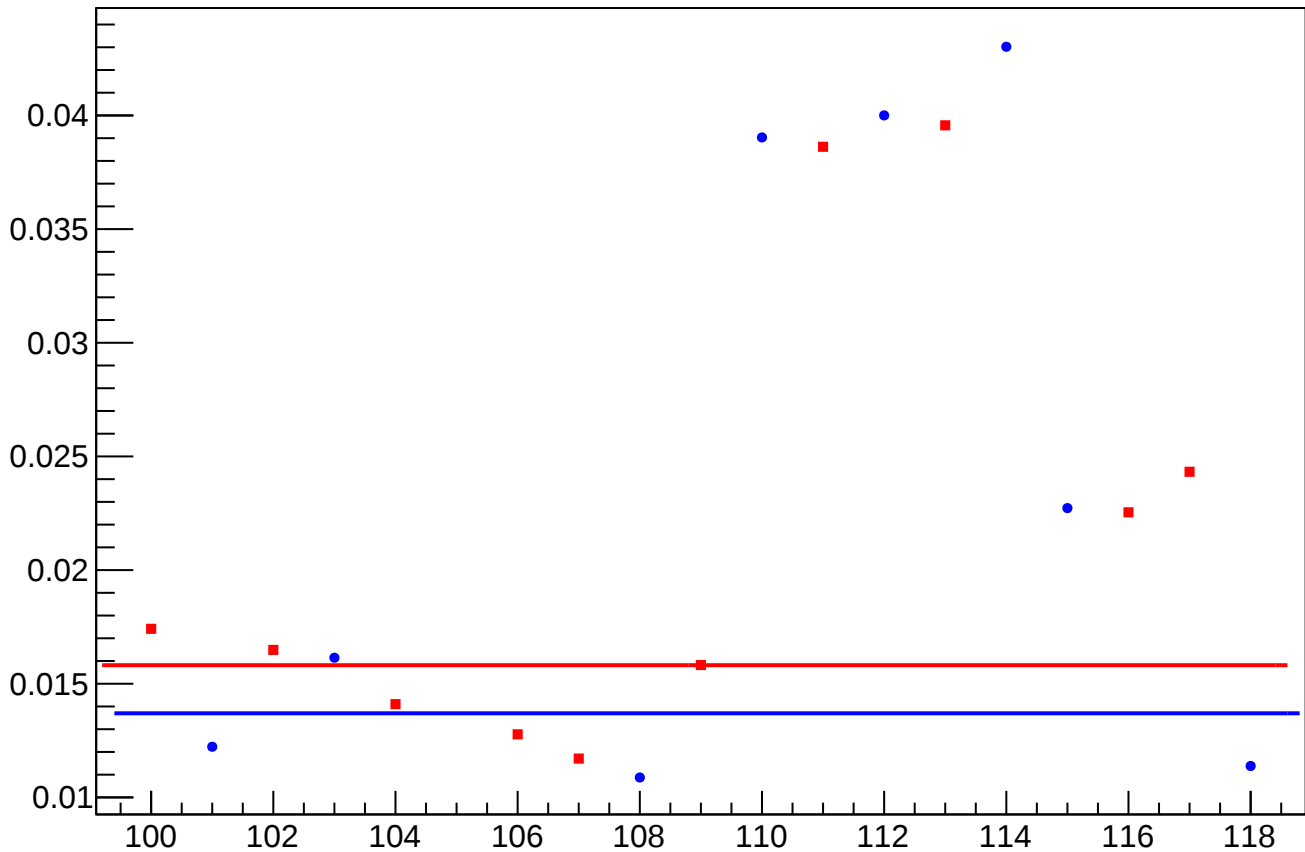
Right Out: 0.917+/-0.000 χ^2/NDF : 386086799.5/9

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

0.707+/-0.000 χ^2/NDF : 1917323530.1/7

0.917+/-0.000 χ^2/NDF : 386086799.5/9

yield_bpm4ecY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 916026.2/7

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

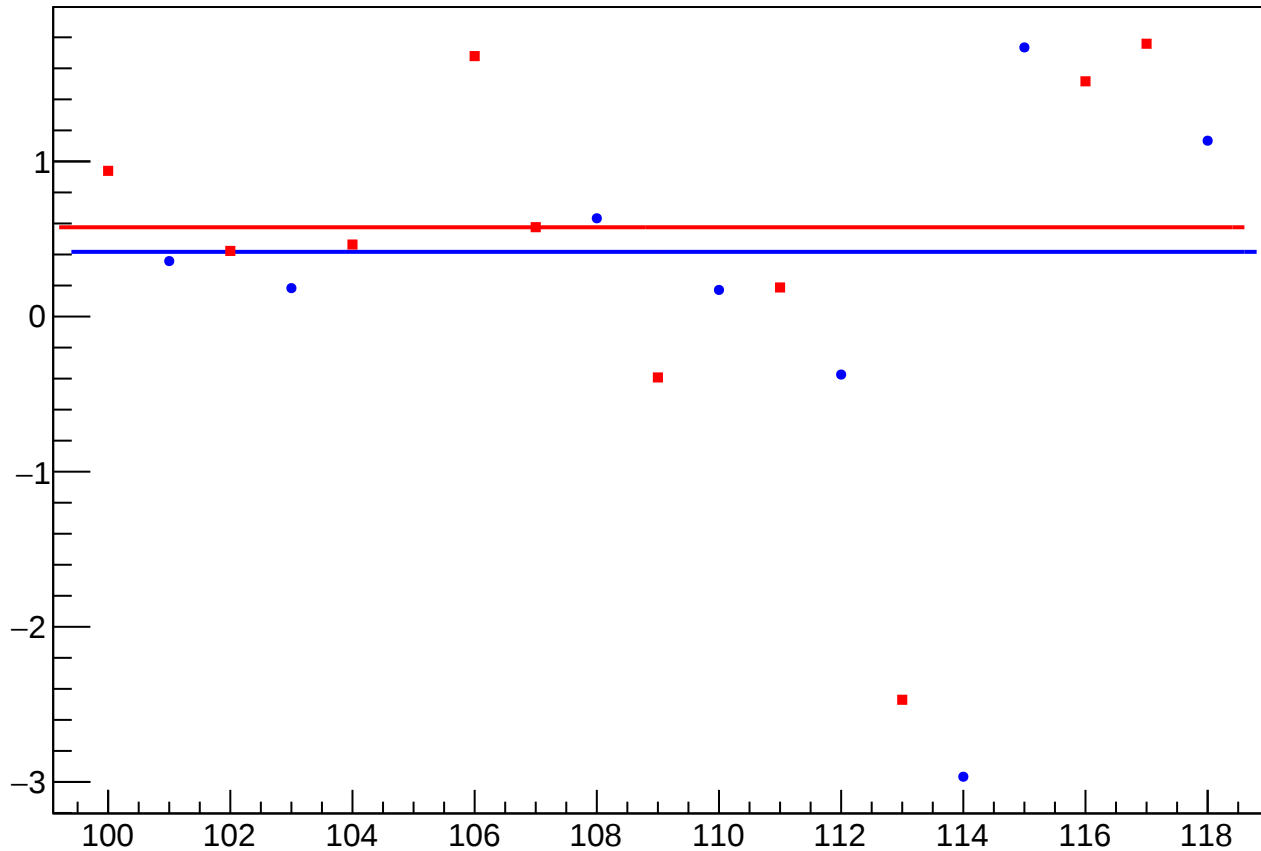
Right Out: 0.016+/-0.000 χ^2/NDF : 763805.1/9

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

0.014+/-0.000 χ^2/NDF : 916026.2/7

0.016+/-0.000 χ^2/NDF : 763805.1/9

yield_bpm1X_mean vs Slug



Right In: 0.417+/-0.000 χ^2/NDF : 179749627.7/7

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

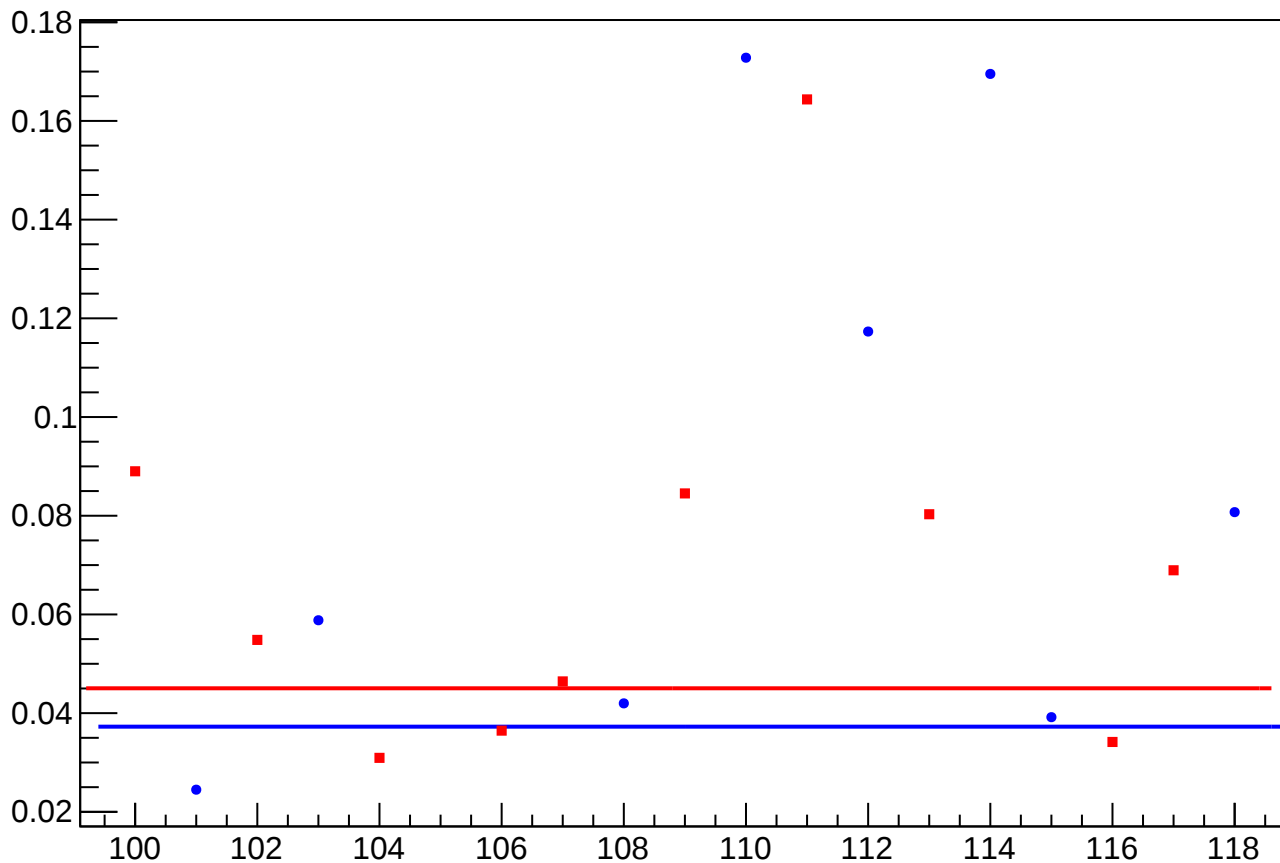
Right Out: 0.576+/-0.000 χ^2/NDF : 851854416.4/9

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

0.417+/-0.000 χ^2/NDF : 179749627.7/7

0.576+/-0.000 χ^2/NDF : 851854416.4/9

yield_bpm1X_rms vs Slug



Right In: 0.037+/-0.000 χ^2/NDF : 1481777.4/7

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

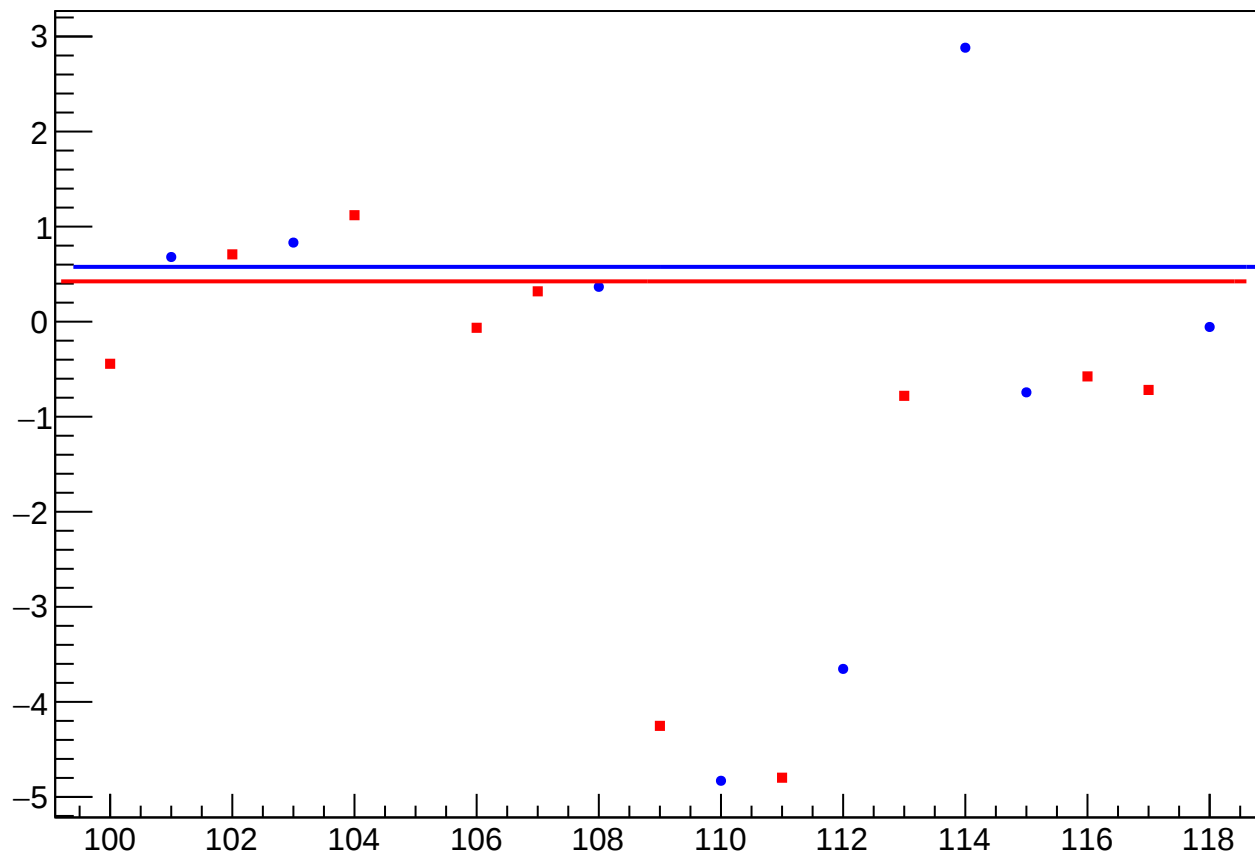
Right Out: 0.045+/-0.000 χ^2/NDF : 1009895.5/9

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

0.037+/-0.000 χ^2/NDF : 1481777.4/7

0.045+/-0.000 χ^2/NDF : 1009895.5/9

yield_bpm1Y_mean vs Slug



Right In: 0.576+/-0.000 χ^2/NDF : 1596502131.5/7

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

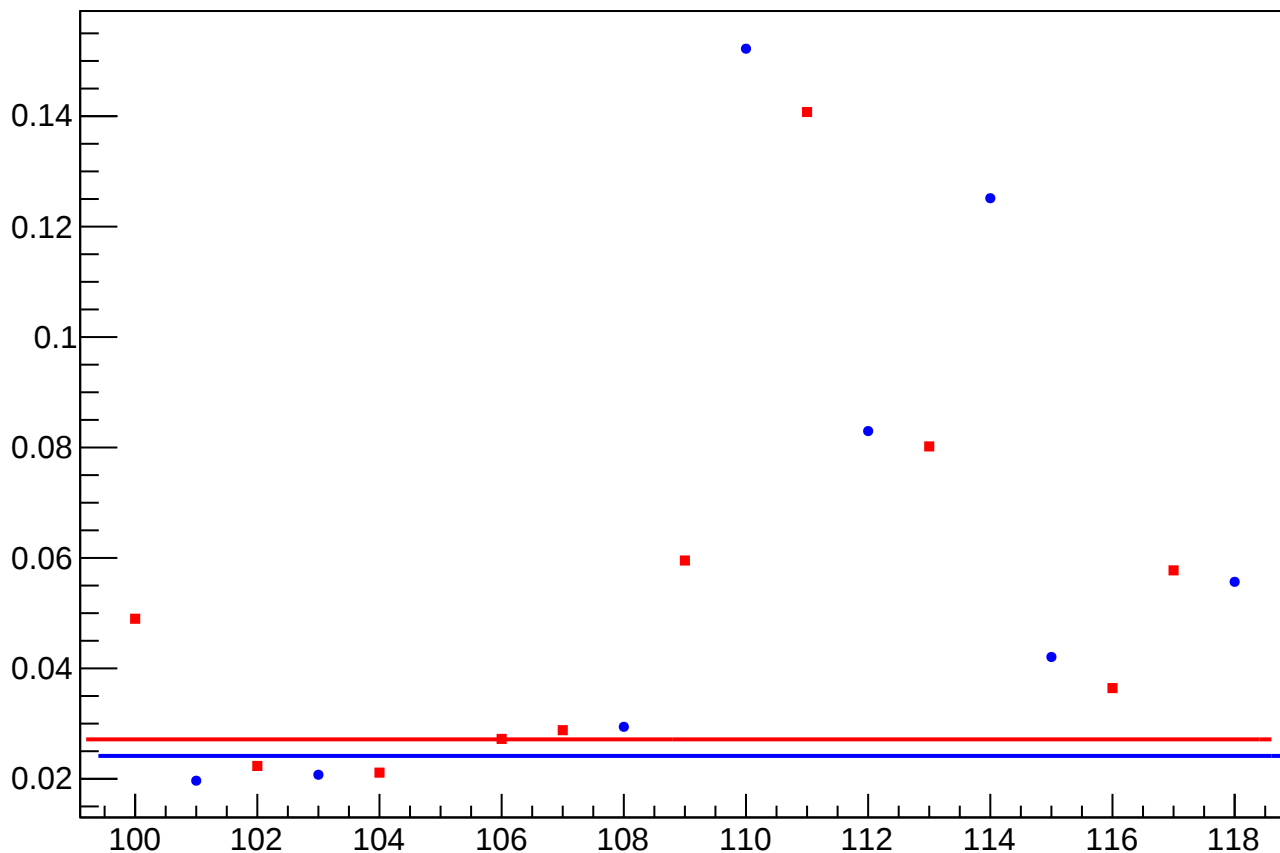
Right Out: 0.424+/-0.000 χ^2/NDF : 3618282792.7/9

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

0.576+/-0.000 χ^2/NDF : 1596502131.5/7

0.424+/-0.000 χ^2/NDF : 3618282792.7/9

yield_bpm1Y_rms vs Slug



Right In: 0.024+/-0.000 χ^2/NDF : 1245069.1/7

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

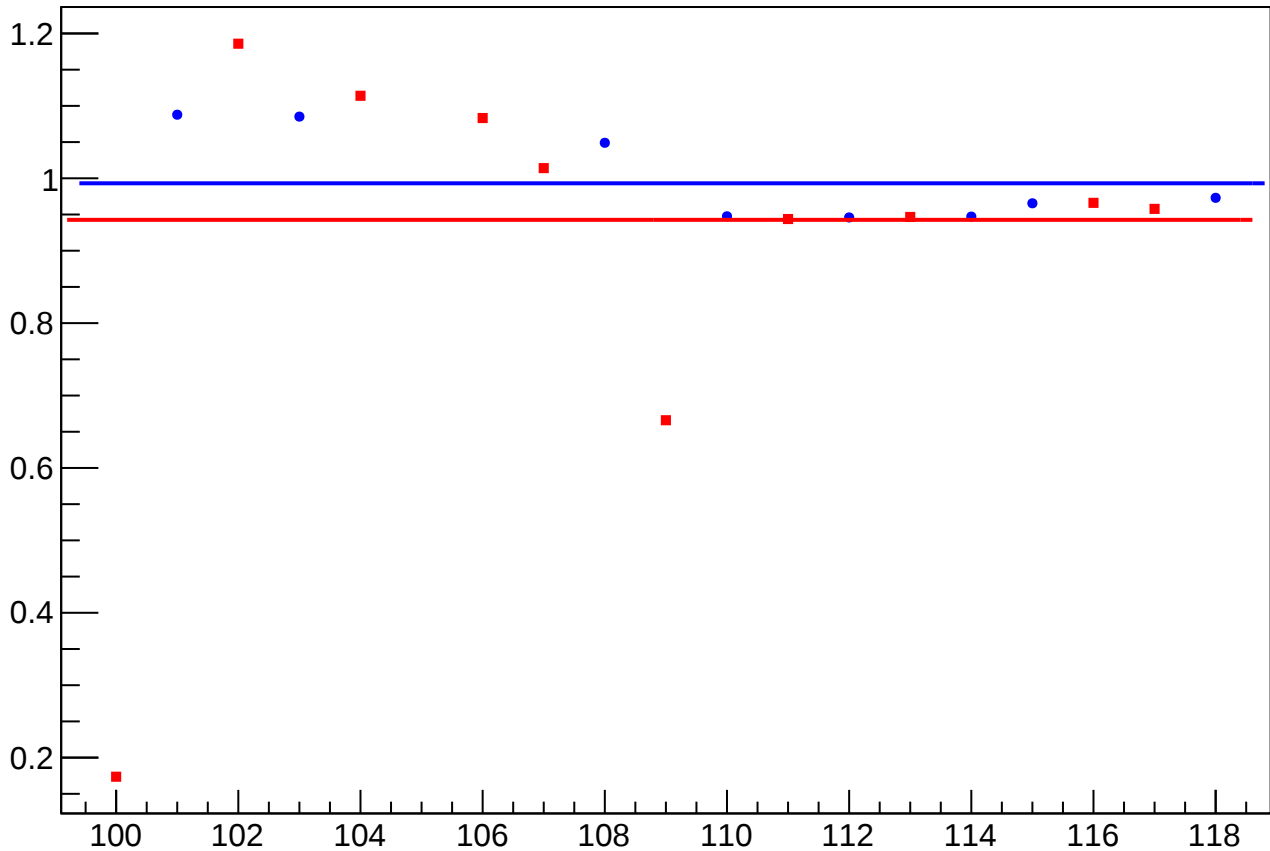
Right Out: 0.027+/-0.000 χ^2/NDF : 1247925.6/9

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

0.024+/-0.000 χ^2/NDF : 1245069.1/7

0.027+/-0.000 χ^2/NDF : 1247925.6/9

yield_bpm11X_mean vs Slug



Right In: 0.993+/-0.000 χ^2/NDF : 39734853.5/7

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

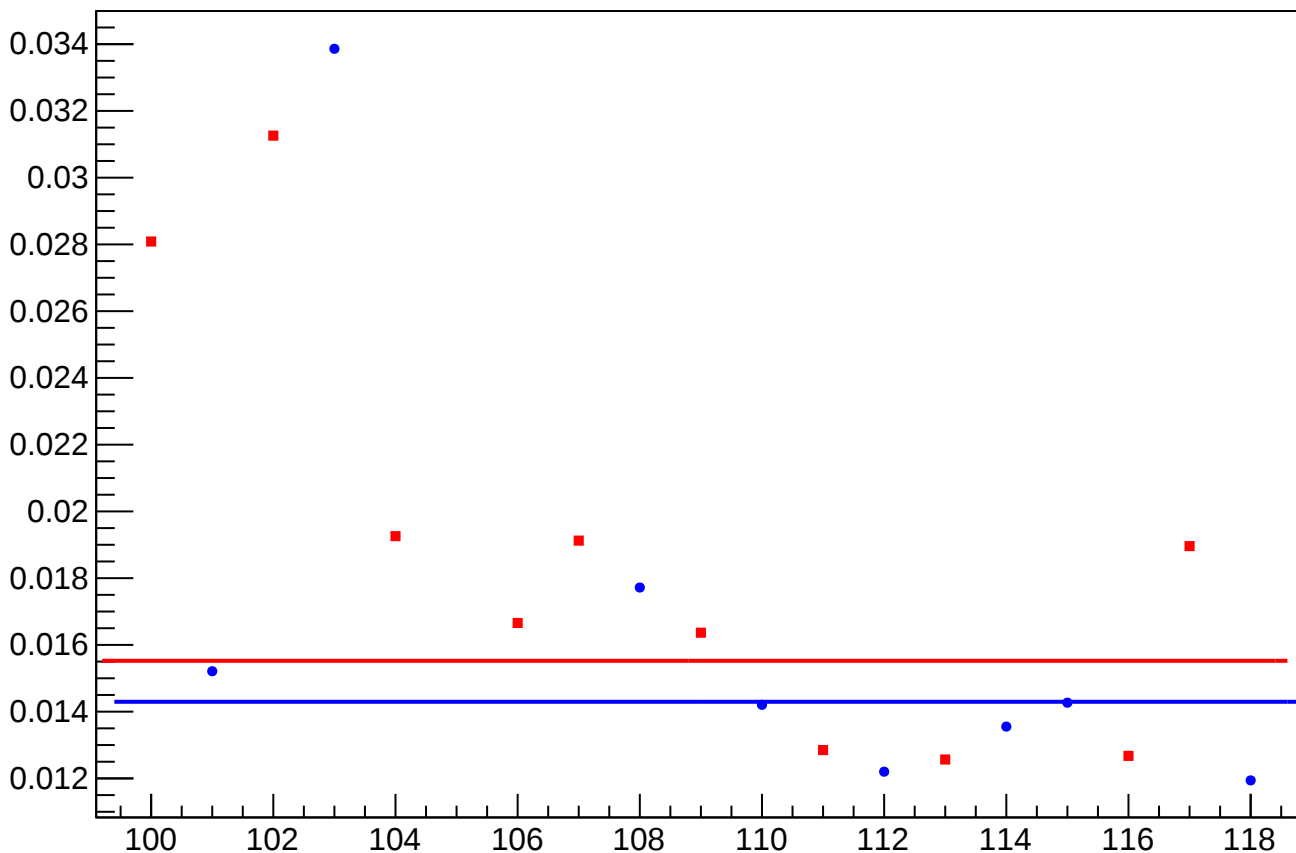
0.993+/-0.000 χ^2/NDF : 39734853.5/7

Right Out: 0.943+/-0.000 χ^2/NDF : 256588608.9/9

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

0.943+/-0.000 χ^2/NDF : 256588608.9/9

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 437467.7/7

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

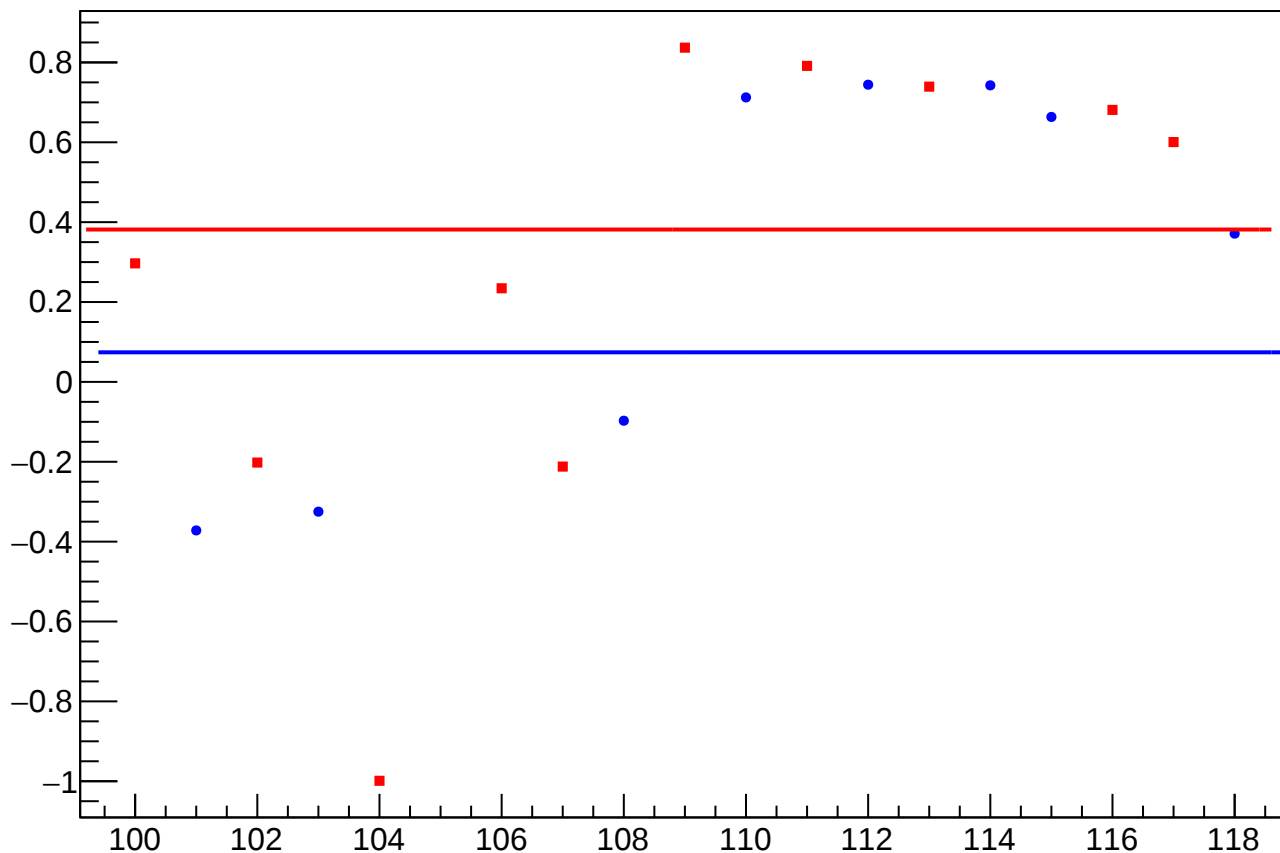
Right Out: 0.016+/-0.000 χ^2/NDF : 430364.9/9

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

0.014+/-0.000 χ^2/NDF : 437467.7/7

0.016+/-0.000 χ^2/NDF : 430364.9/9

yield_bpm11Y_mean vs Slug



Right In: 0.074+/-0.000 χ^2/NDF : 1731284900.9/7

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

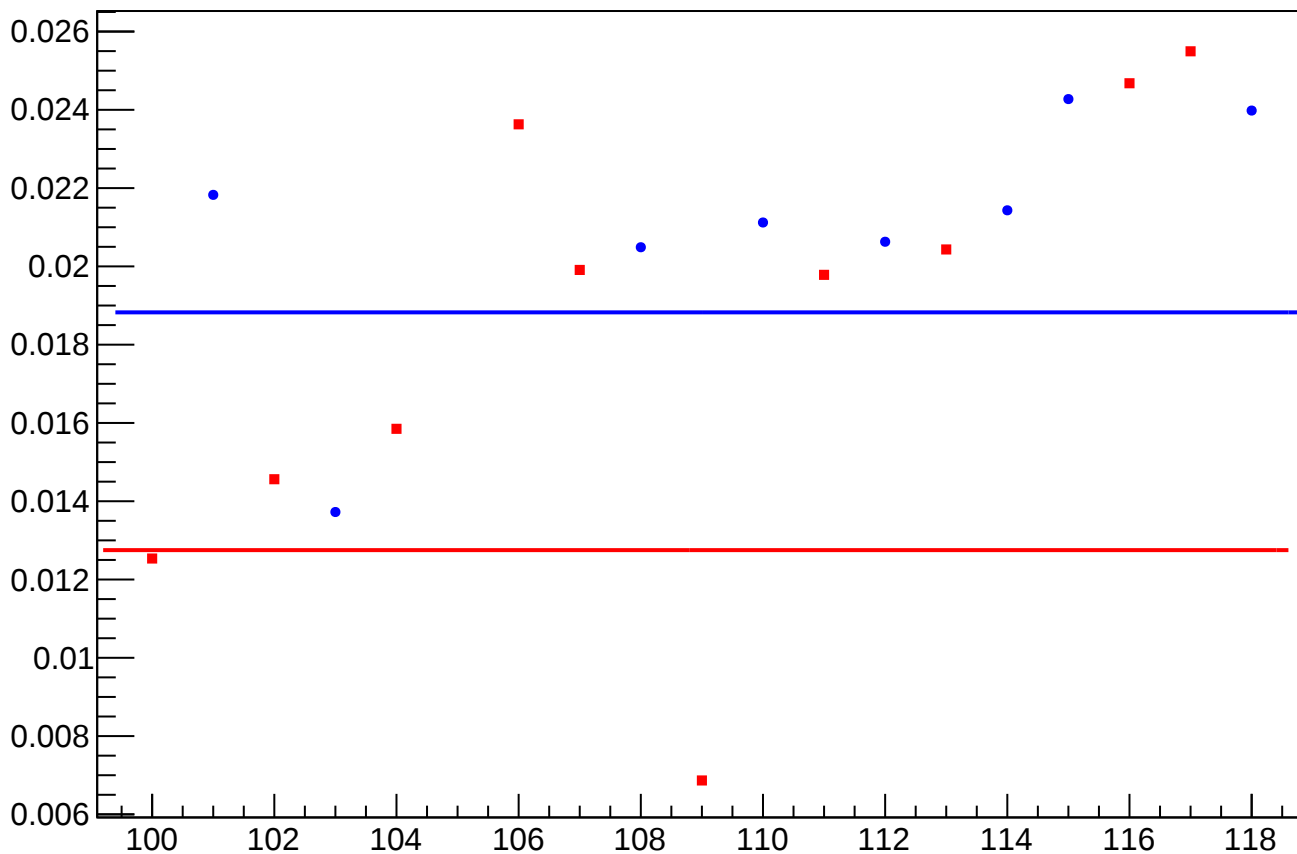
Right Out: 0.382+/-0.000 χ^2/NDF : 5901827254.2/9

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

0.074+/-0.000 χ^2/NDF : 1731284900.9/7

0.382+/-0.000 χ^2/NDF : 5901827254.2/9

yield_bpm11Y_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 245721.2/7

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

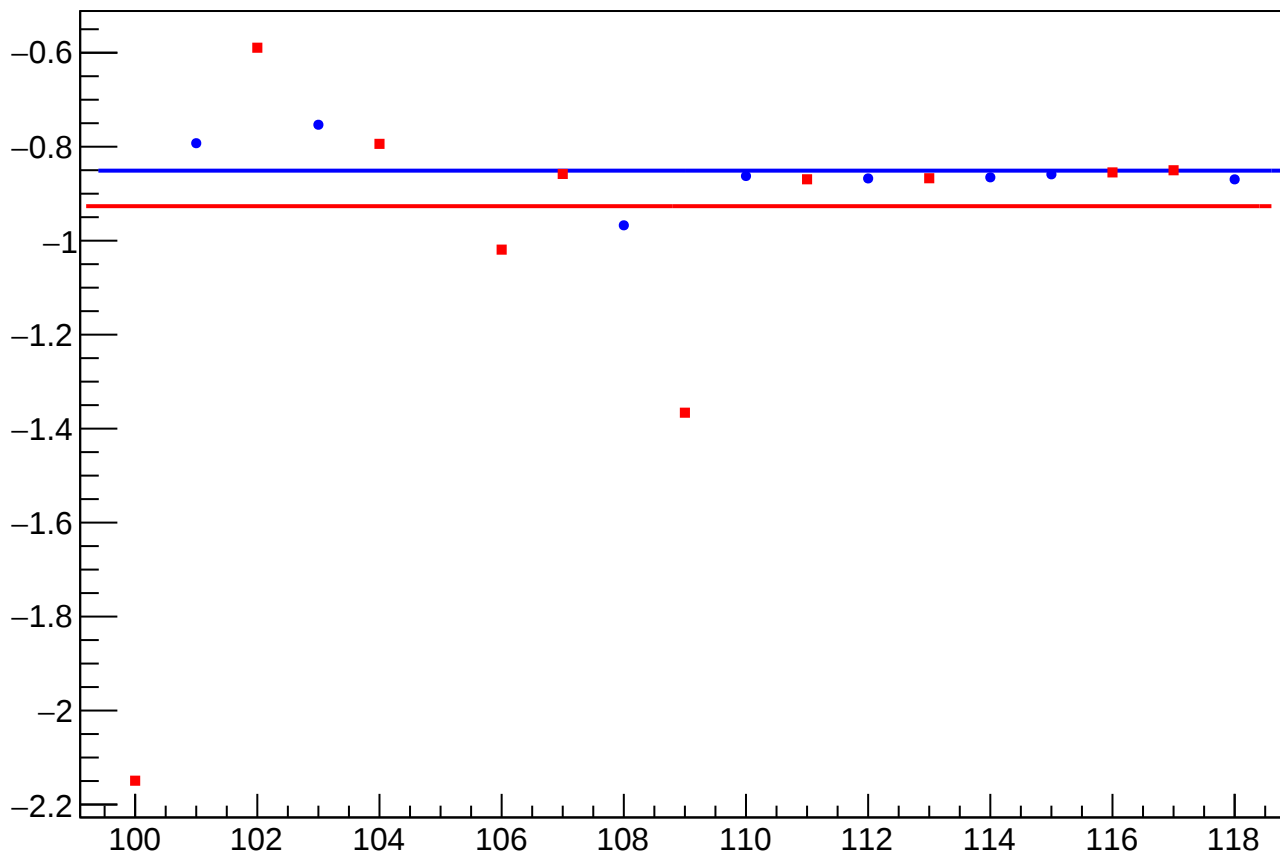
Right Out: 0.013+/-0.000 χ^2/NDF : 1057291.1/9

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

0.019+/-0.000 χ^2/NDF : 245721.2/7

0.013+/-0.000 χ^2/NDF : 1057291.1/9

yield_bpm12X_mean vs Slug



Right In: -0.851+/-0.000 χ^2/NDF : 6123654.3/7

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

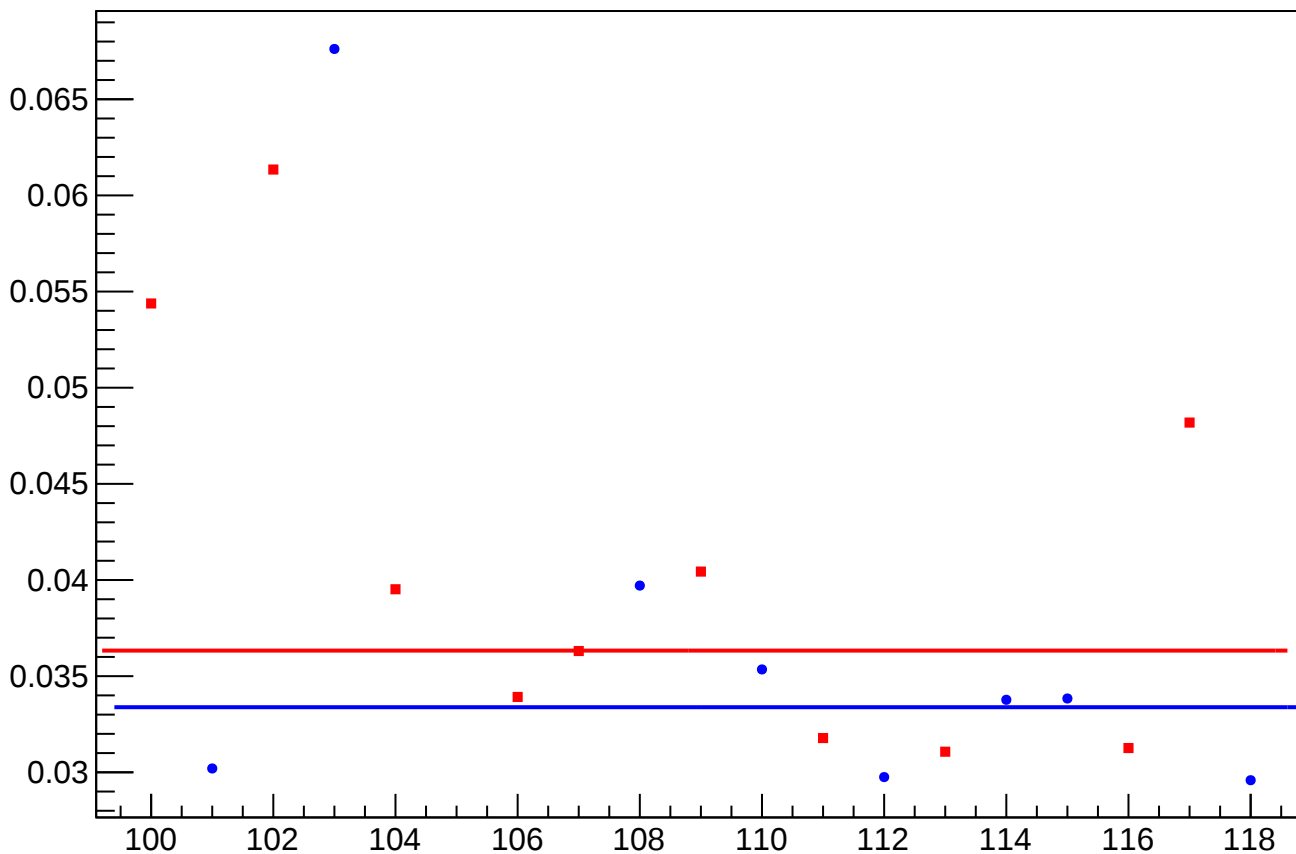
Right Out: -0.927+/-0.000 χ^2/NDF : 107012766.2/9

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

-0.851+/-0.000 χ^2/NDF : 6123654.3/7

-0.927+/-0.000 χ^2/NDF : 107012766.2/9

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 319807.8/7

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

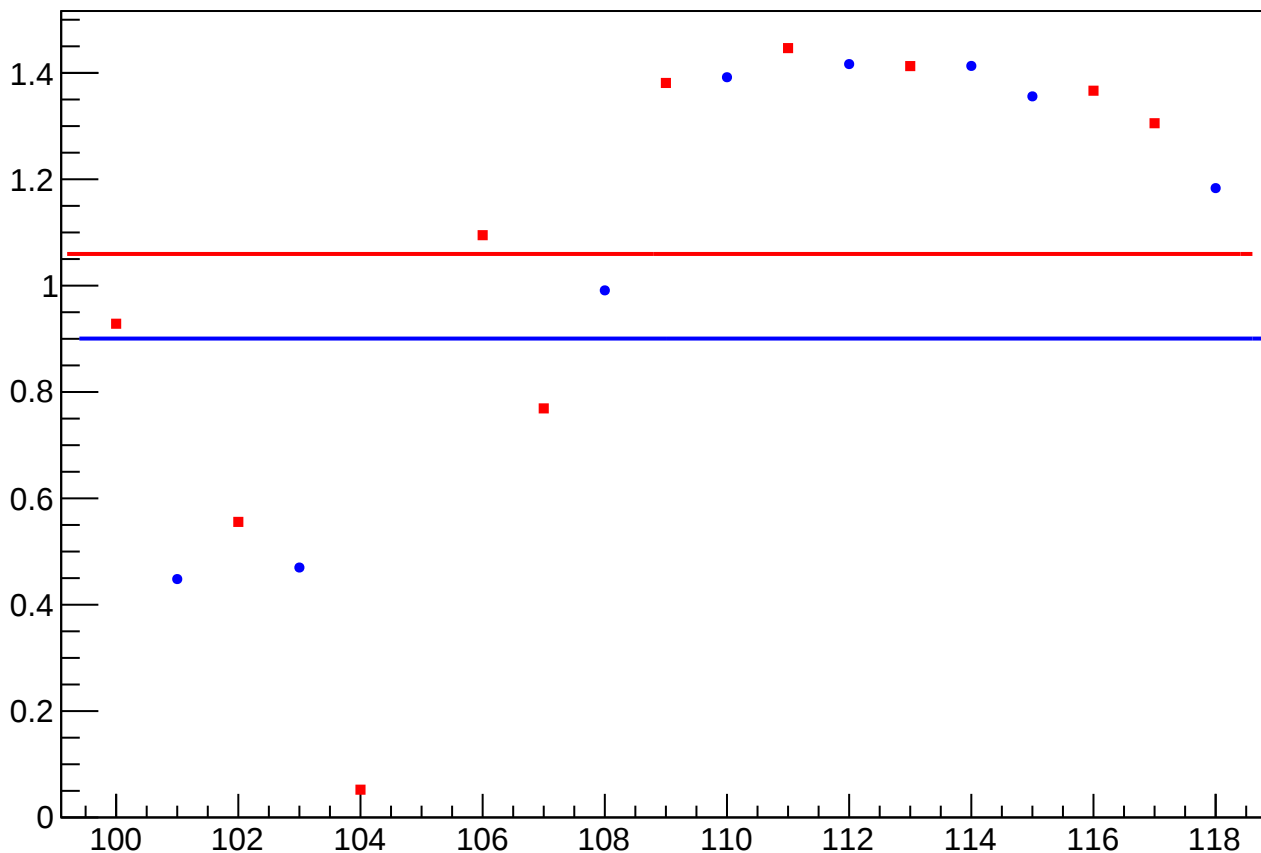
Right Out: 0.036+/-0.000 χ^2/NDF : 244870.1/9

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

0.033+/-0.000 χ^2/NDF : 319807.8/7

0.036+/-0.000 χ^2/NDF : 244870.1/9

yield_bpm12Y_mean vs Slug



Right In: 0.900 $\pm$ 0.000 χ^2 /NDF: 2886665024.8/7

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

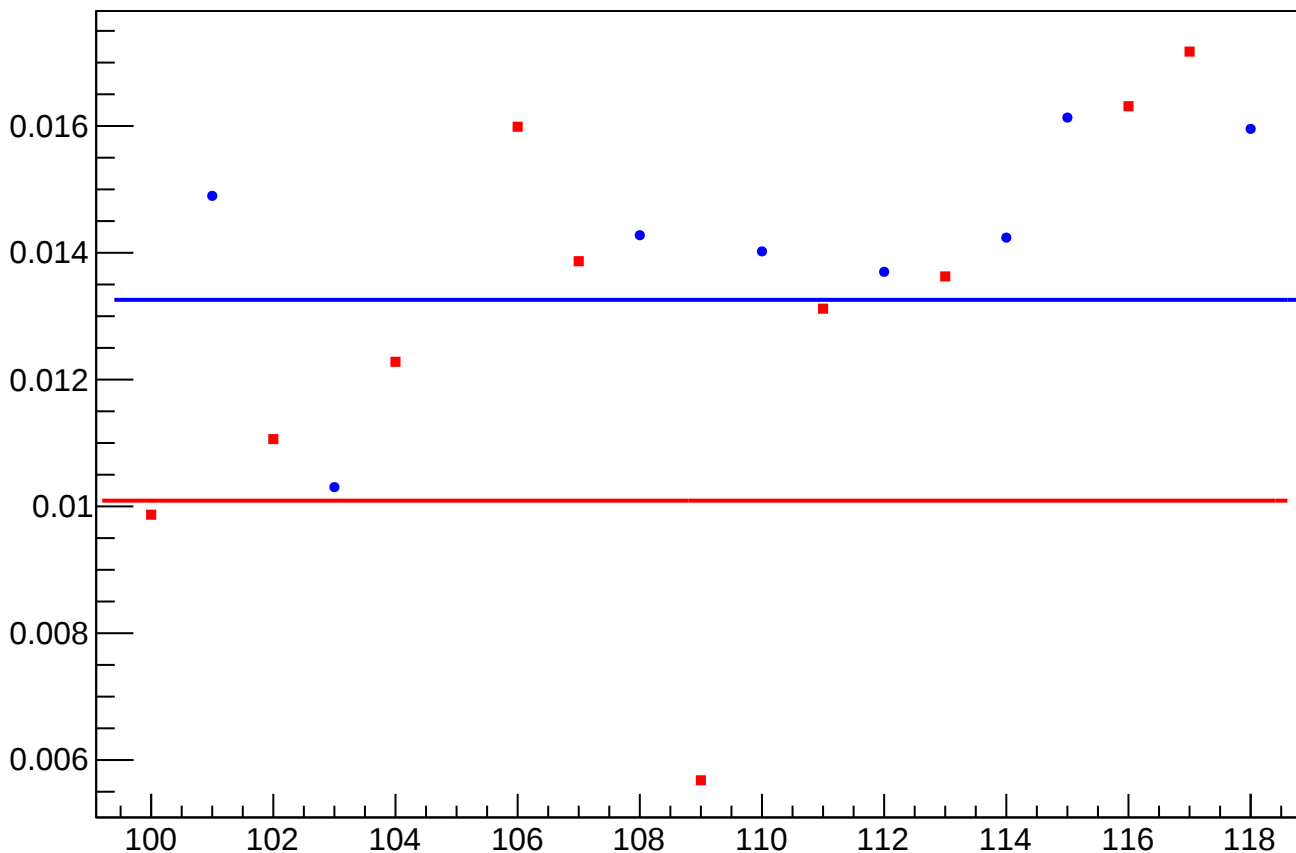
0.900 $\pm$ 0.000 χ^2 /NDF: 2886665024.8/7

Right Out: 1.060 $\pm$ 0.000 χ^2 /NDF: 5814619205.1/9

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

1.060 $\pm$ 0.000 χ^2 /NDF: 5814619205.1/9

yield_bpm12Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 142517.6/7

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

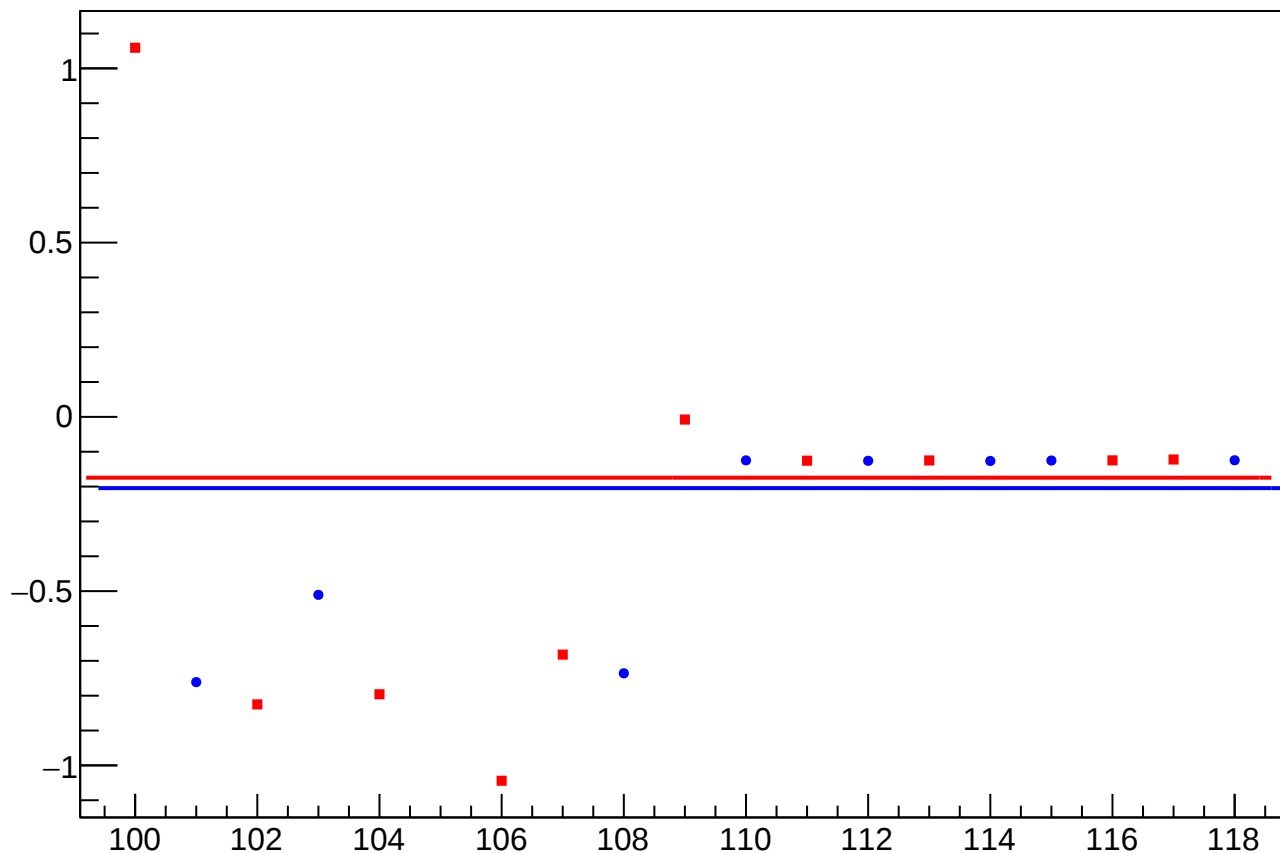
Right Out: 0.010+/-0.000 χ^2/NDF : 716095.4/9

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

0.013+/-0.000 χ^2/NDF : 142517.6/7

0.010+/-0.000 χ^2/NDF : 716095.4/9

yield_bpm16X_mean vs Slug



Right In: -0.204+/-0.000 χ^2/NDF : 336853430.6/7

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

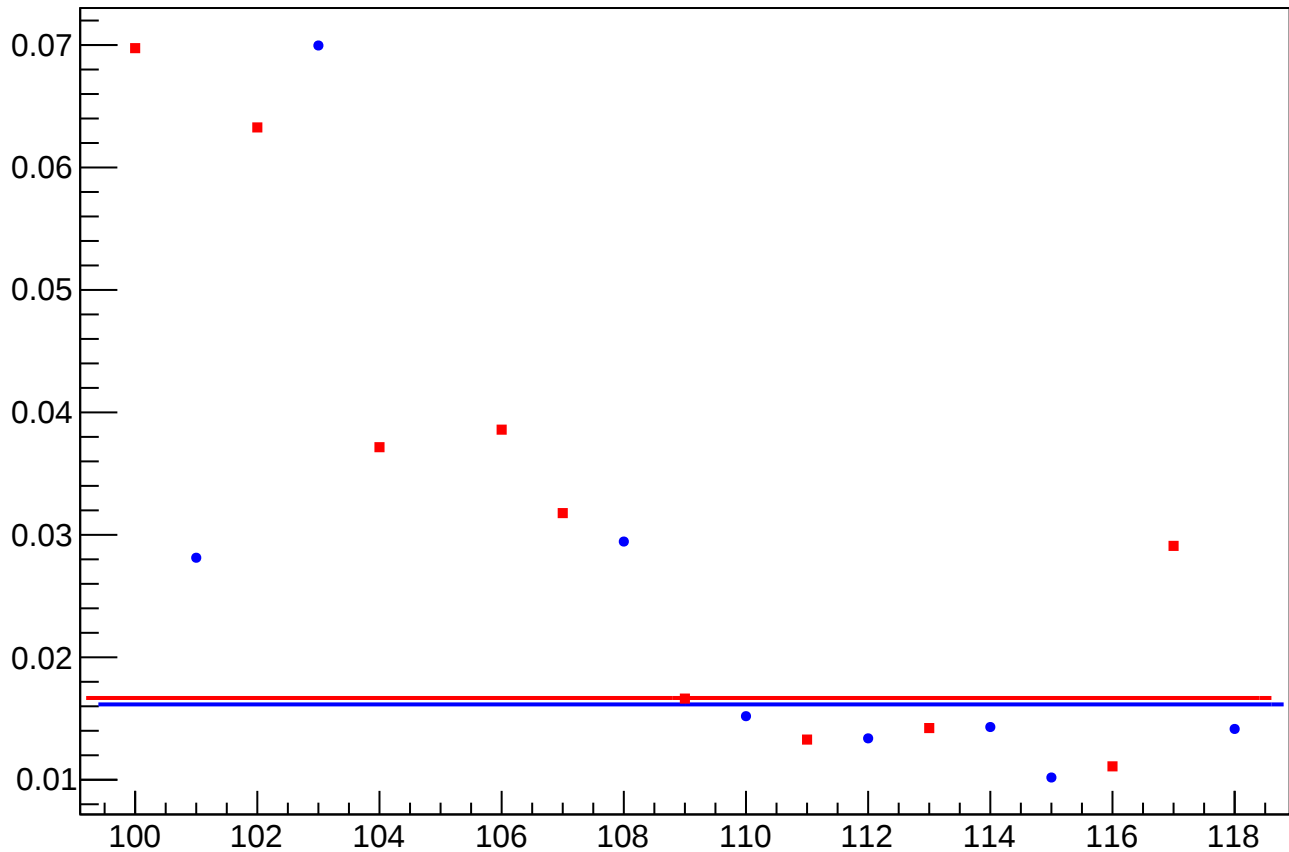
Right Out: -0.175+/-0.000 χ^2/NDF : 413367086.5/9

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

-0.204+/-0.000 χ^2/NDF : 336853430.6/7

-0.175+/-0.000 χ^2/NDF : 413367086.5/9

yield_bpm16X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 1057357.0/7

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

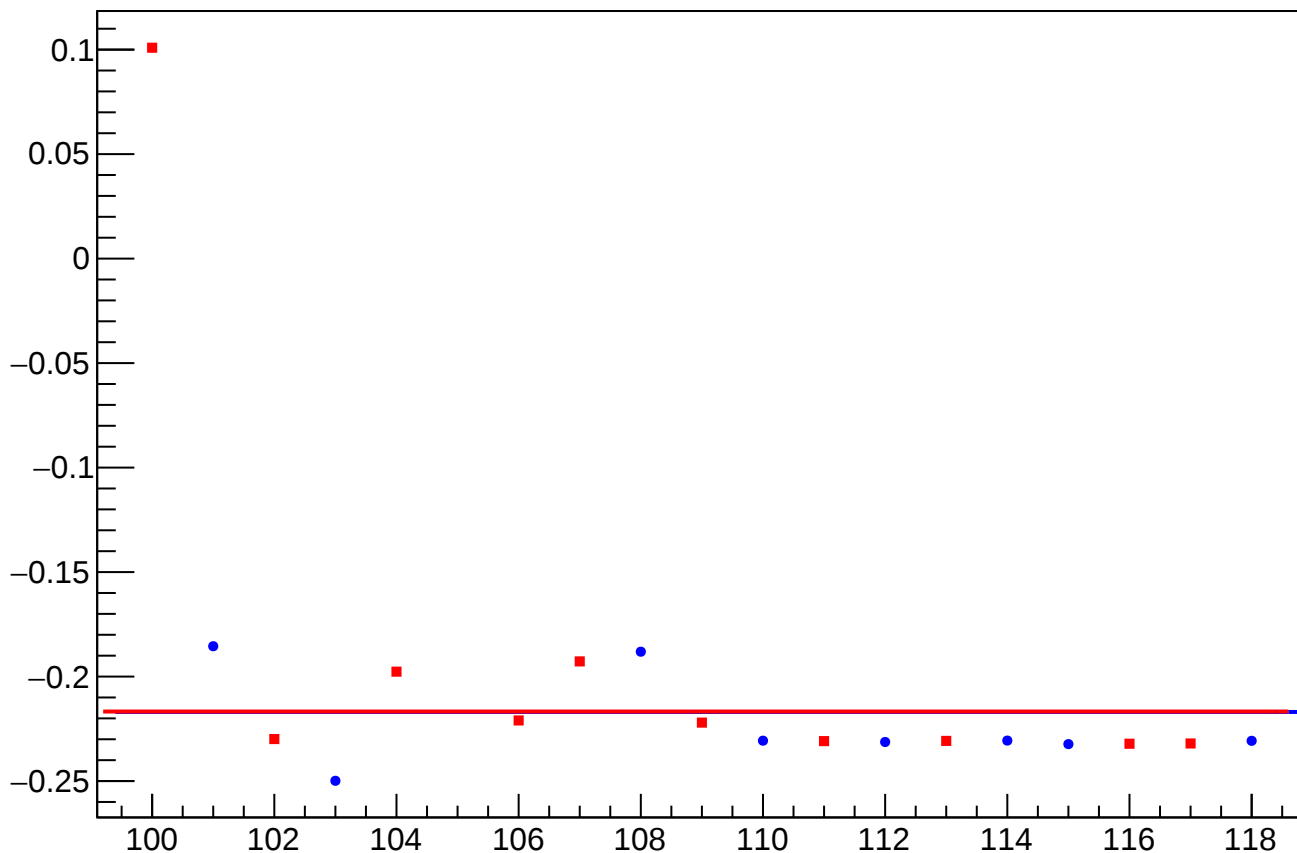
Right Out: 0.017+/-0.000 χ^2/NDF : 1270182.7/9

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

0.016+/-0.000 χ^2/NDF : 1057357.0/7

0.017+/-0.000 χ^2/NDF : 1270182.7/9

yield_bpm16Y_mean vs Slug



Right In: -0.217+/-0.000 χ^2/NDF : 63776157.3/7

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

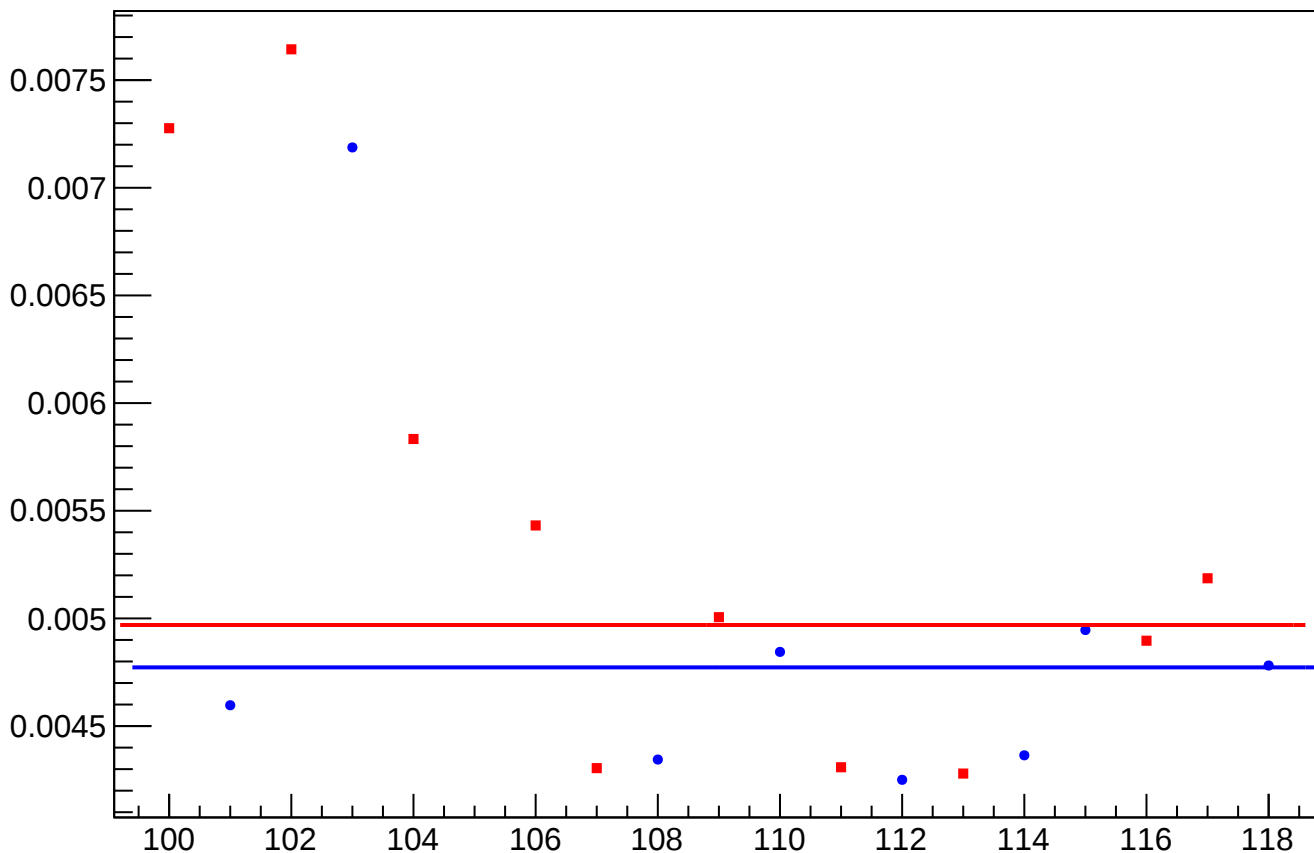
Right Out: -0.217+/-0.000 χ^2/NDF : 157220389.6/9

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

-0.217+/-0.000 χ^2/NDF : 63776157.3/7

-0.217+/-0.000 χ^2/NDF : 157220389.6/9

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 142469.3/7

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

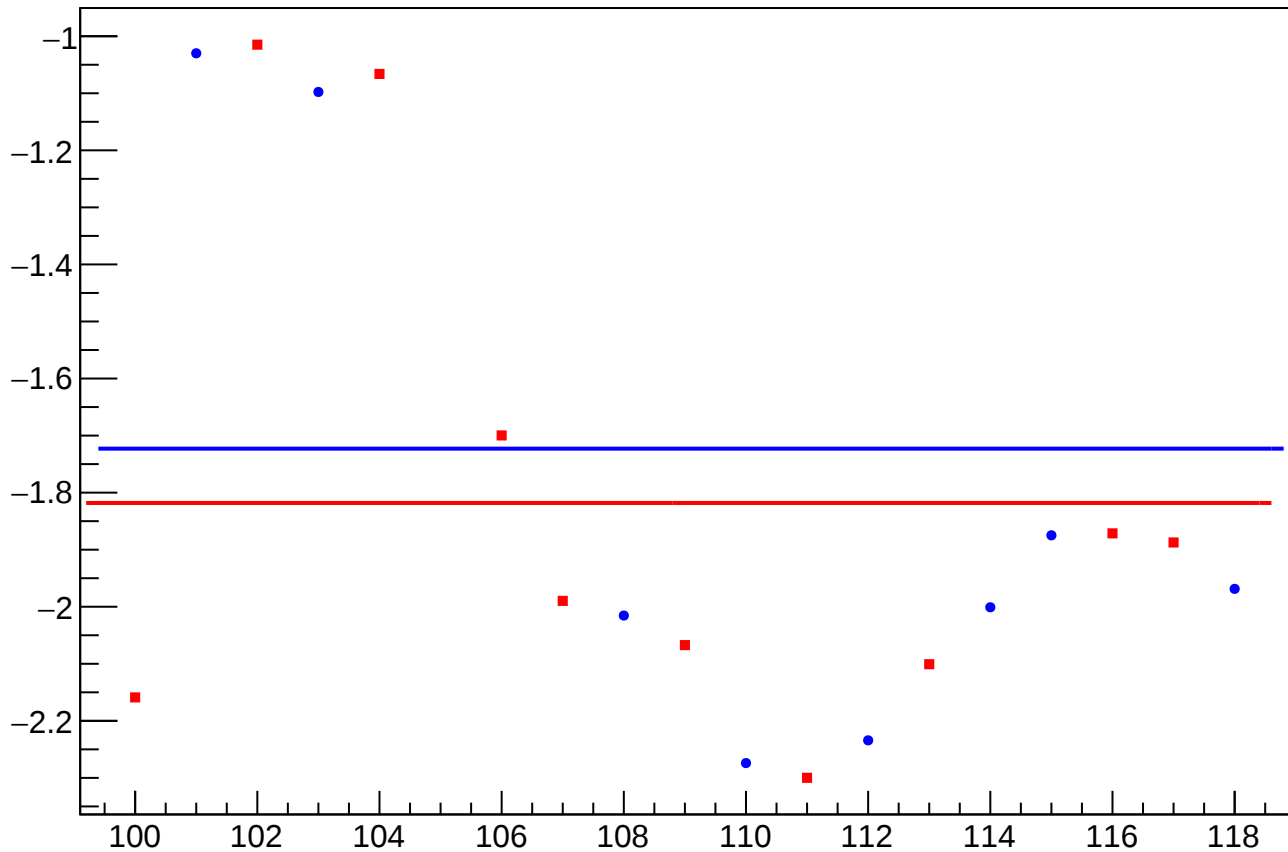
Right Out: 0.005+/-0.000 χ^2/NDF : 215601.3/9

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

0.005+/-0.000 χ^2/NDF : 142469.3/7

0.005+/-0.000 χ^2/NDF : 215601.3/9

yield_bpm0l01X_mean vs Slug



Right In: -1.723+/-0.000 χ^2/NDF : 15327248910.7/7

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

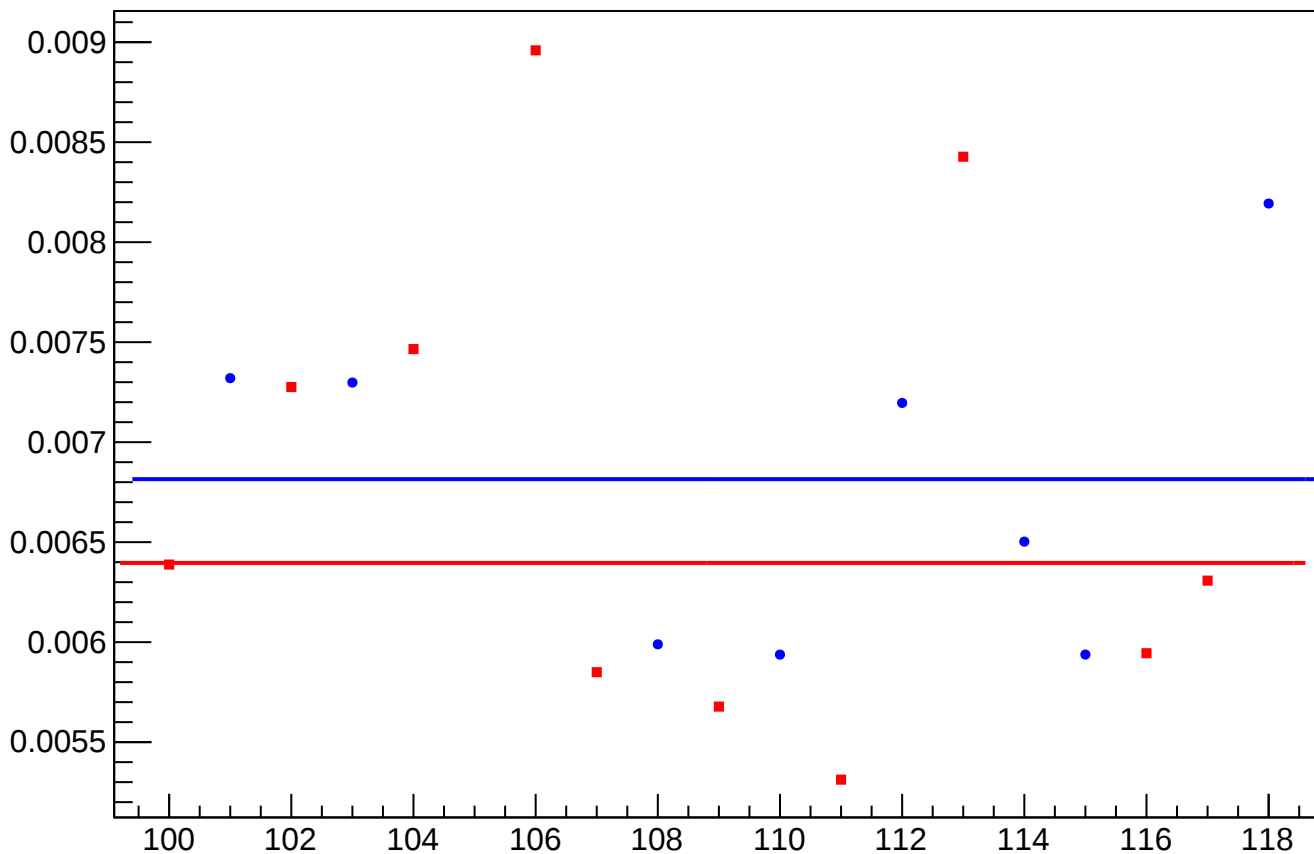
Right Out: -1.818+/-0.000 χ^2/NDF : 16838426082.7/9

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

-1.723+/-0.000 χ^2/NDF : 15327248910.7/7

-1.818+/-0.000 χ^2/NDF : 16838426082.7/9

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 66228.0/7

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

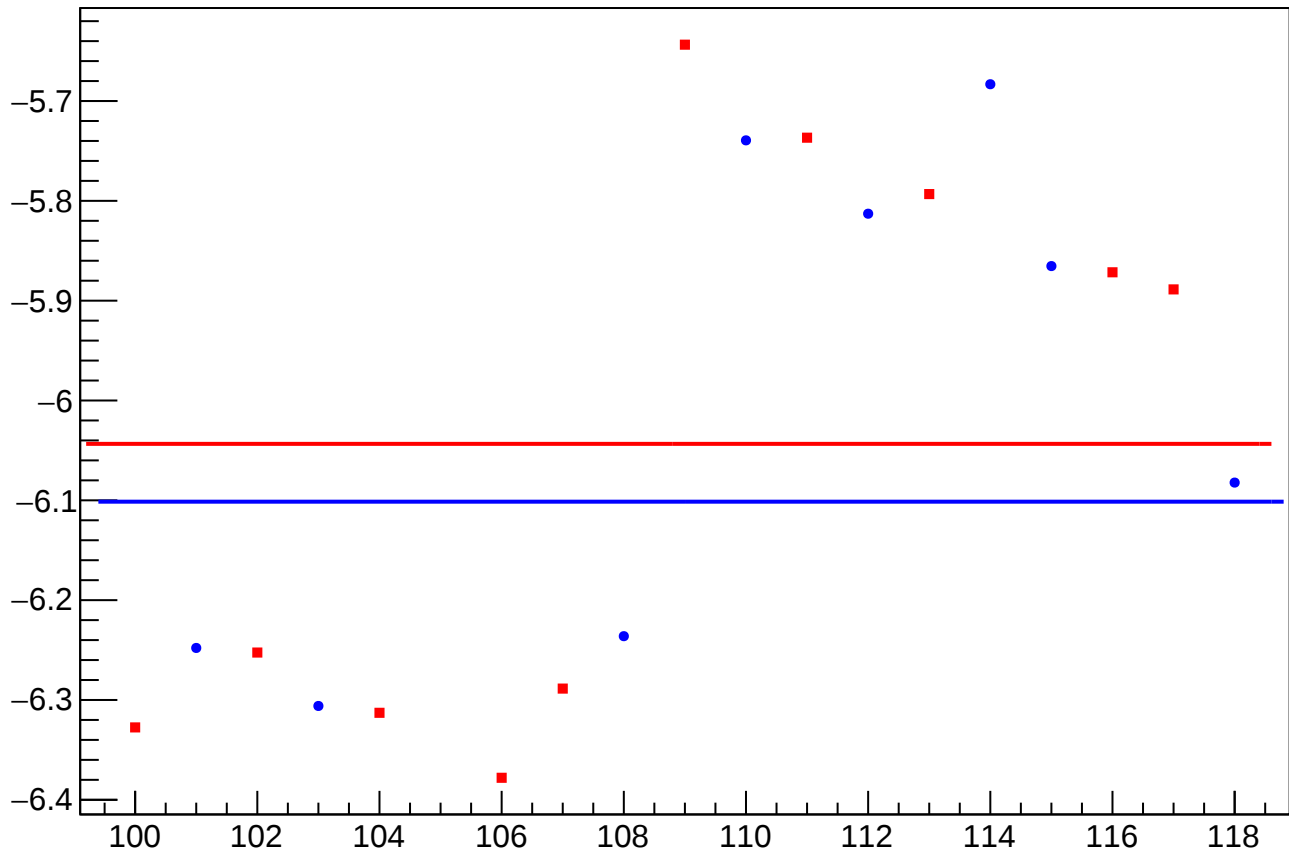
Right Out: 0.006+/-0.000 χ^2/NDF : 173074.4/9

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

0.007+/-0.000 χ^2/NDF : 66228.0/7

0.006+/-0.000 χ^2/NDF : 173074.4/9

yield_bpm0l01Y_mean vs Slug



Right In: -6.101+/-0.000 χ^2/NDF : 4337941312.6/7

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

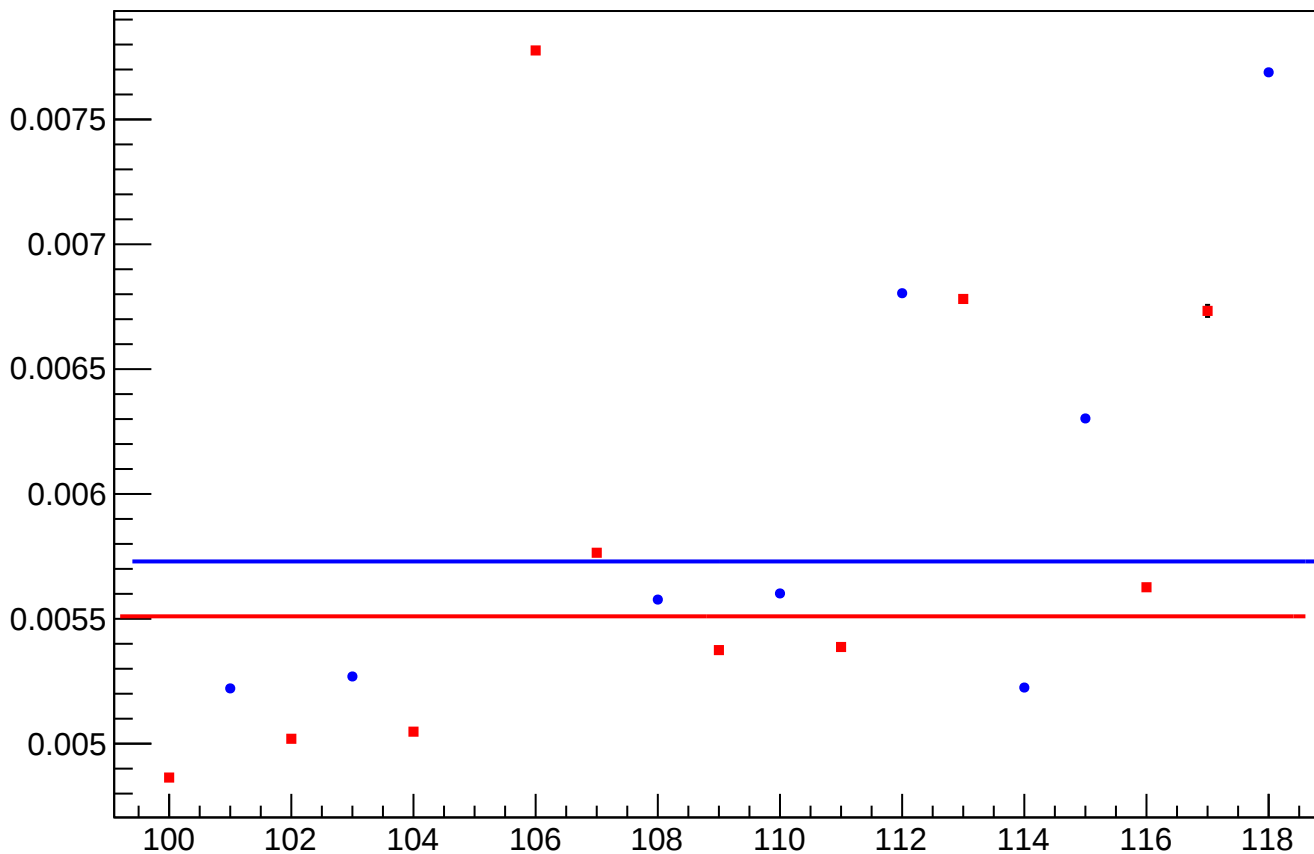
Right Out: -6.043+/-0.000 χ^2/NDF : 8121244788.6/9

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

-6.101+/-0.000 χ^2/NDF : 4337941312.6/7

-6.043+/-0.000 χ^2/NDF : 8121244788.6/9

yield_bpm0l01Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 95660.9/7

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

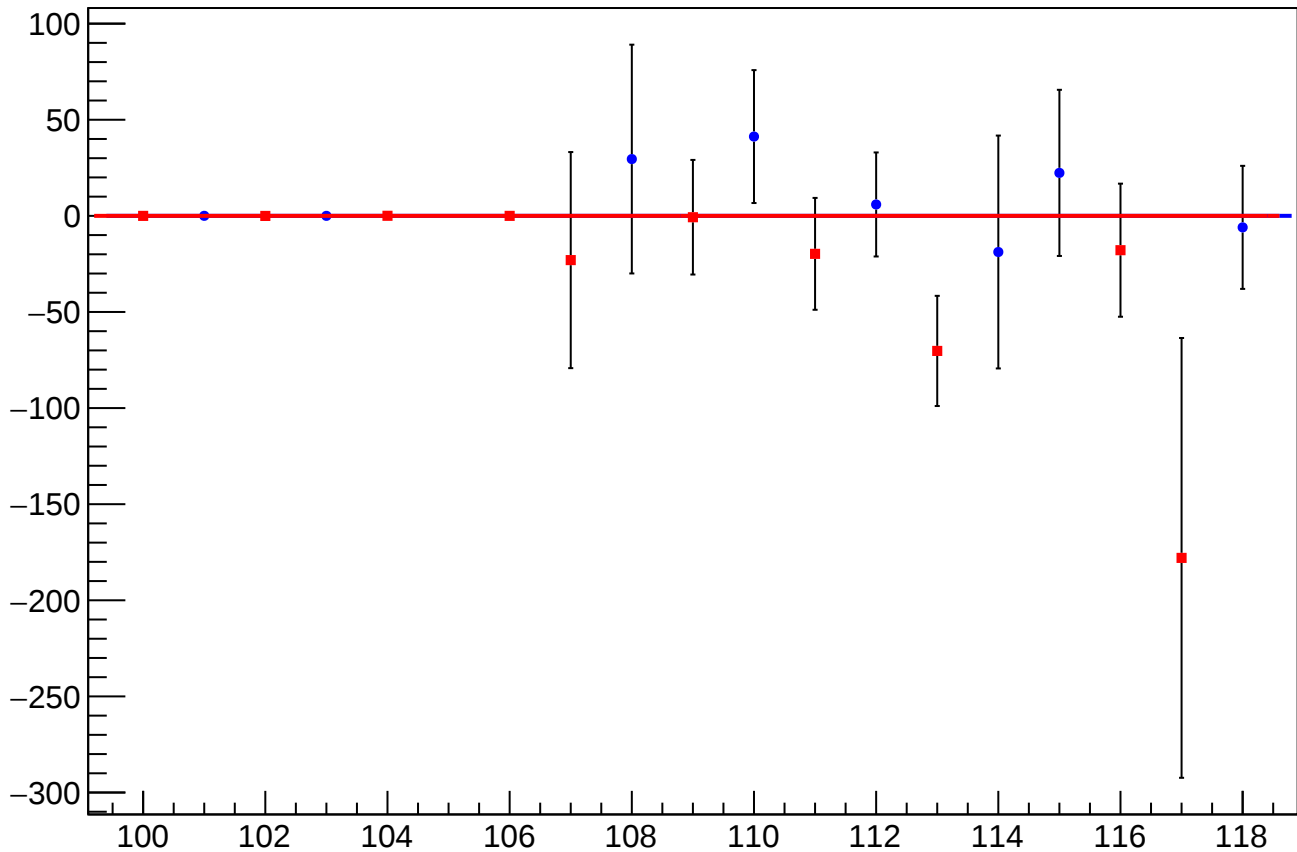
Right Out: 0.006+/-0.000 χ^2/NDF : 94284.8/9

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

0.006+/-0.000 χ^2/NDF : 95660.9/7

0.006+/-0.000 χ^2/NDF : 94284.8/9

diff_cav4bX_mean vs Slug



Right In: 0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/7

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

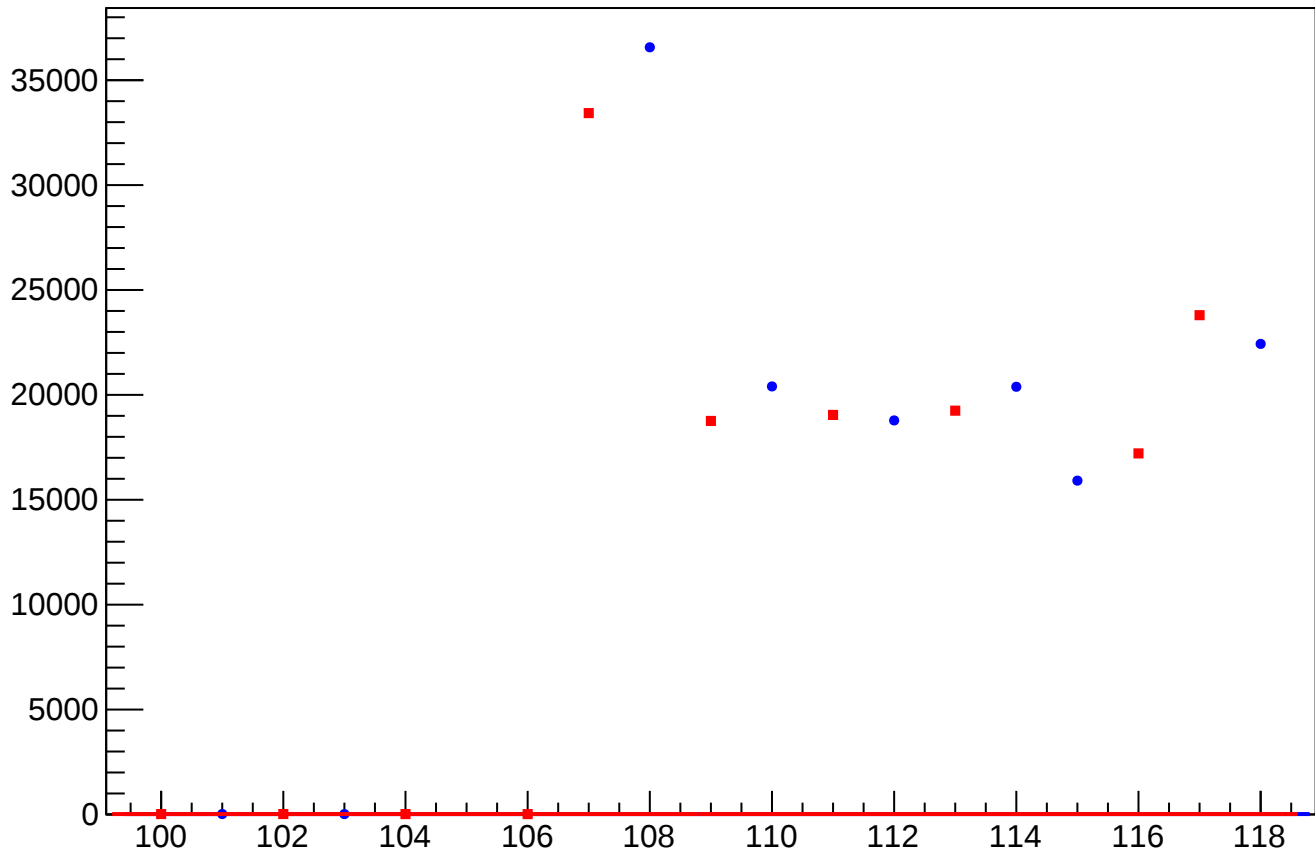
Right Out: 0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/9

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

0.013 $\pm$ 0.017 χ^2 /NDF: 2.3/7

0.003 $\pm$ 0.016 χ^2 /NDF: 14.2/9

diff_cav4bX_rms vs Slug



Right In: 18.587+/-0.012 χ^2/NDF : 3900023.1/7

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

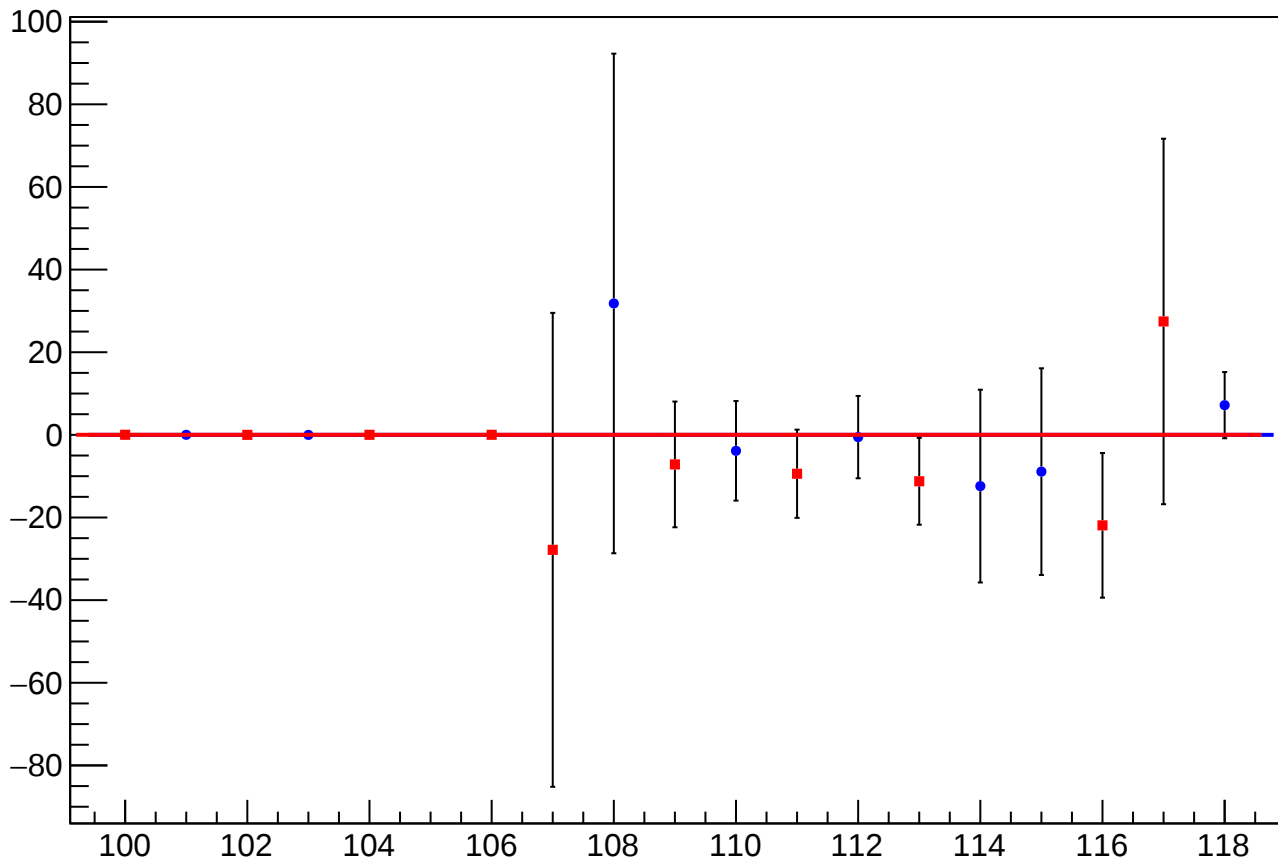
Right Out: 18.266+/-0.011 χ^2/NDF : 3844519.4/9

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

18.587+/-0.012 χ^2/NDF : 3900023.1/7

18.266+/-0.011 χ^2/NDF : 3844519.4/9

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 2.7/7

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

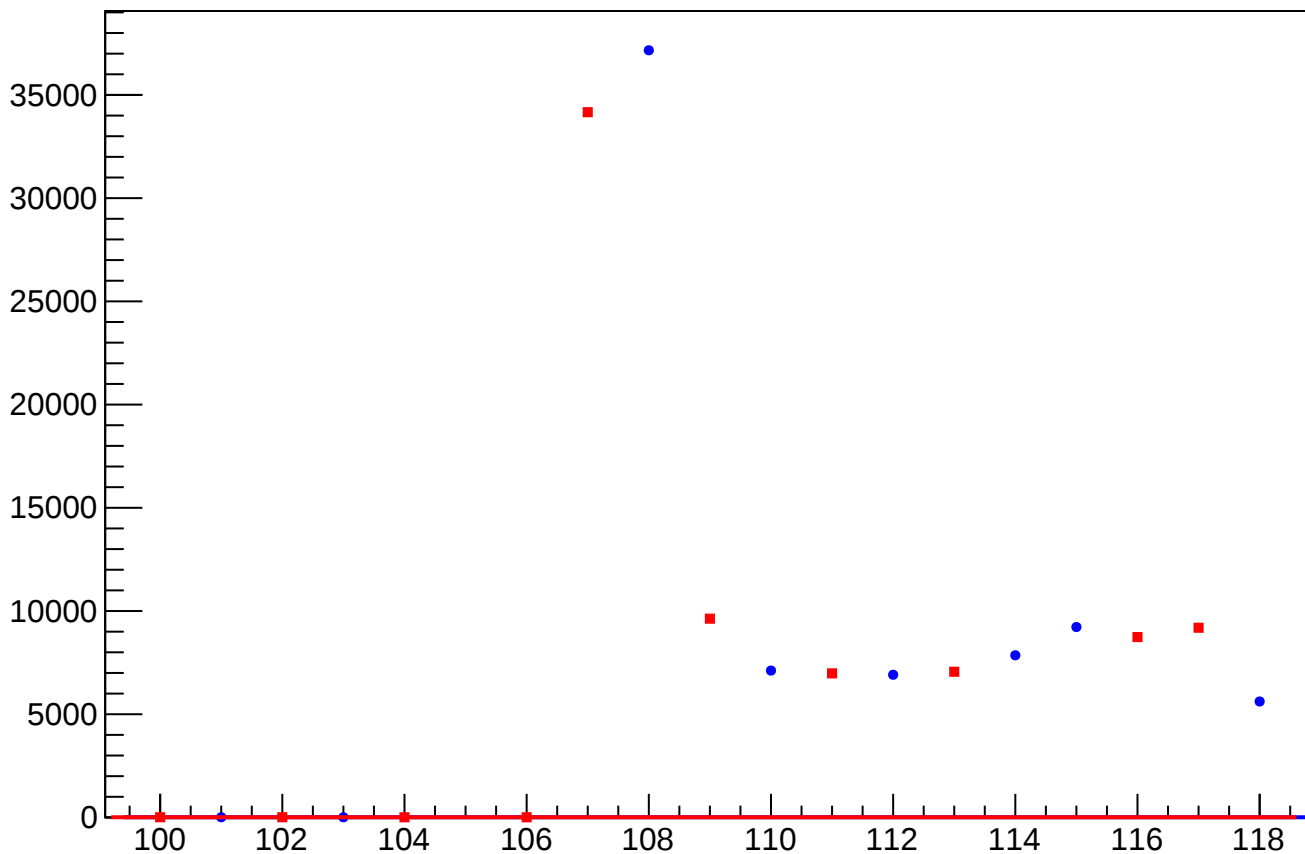
Right Out: 0.014+/-0.009 χ^2/NDF : 5.0/9

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

0.001+/-0.009 χ^2/NDF : 2.7/7

0.014+/-0.009 χ^2/NDF : 5.0/9

diff_cav4bY_rms vs Slug



Right In: 9.876+/-0.007 χ^2/NDF : 3899129.0/7

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

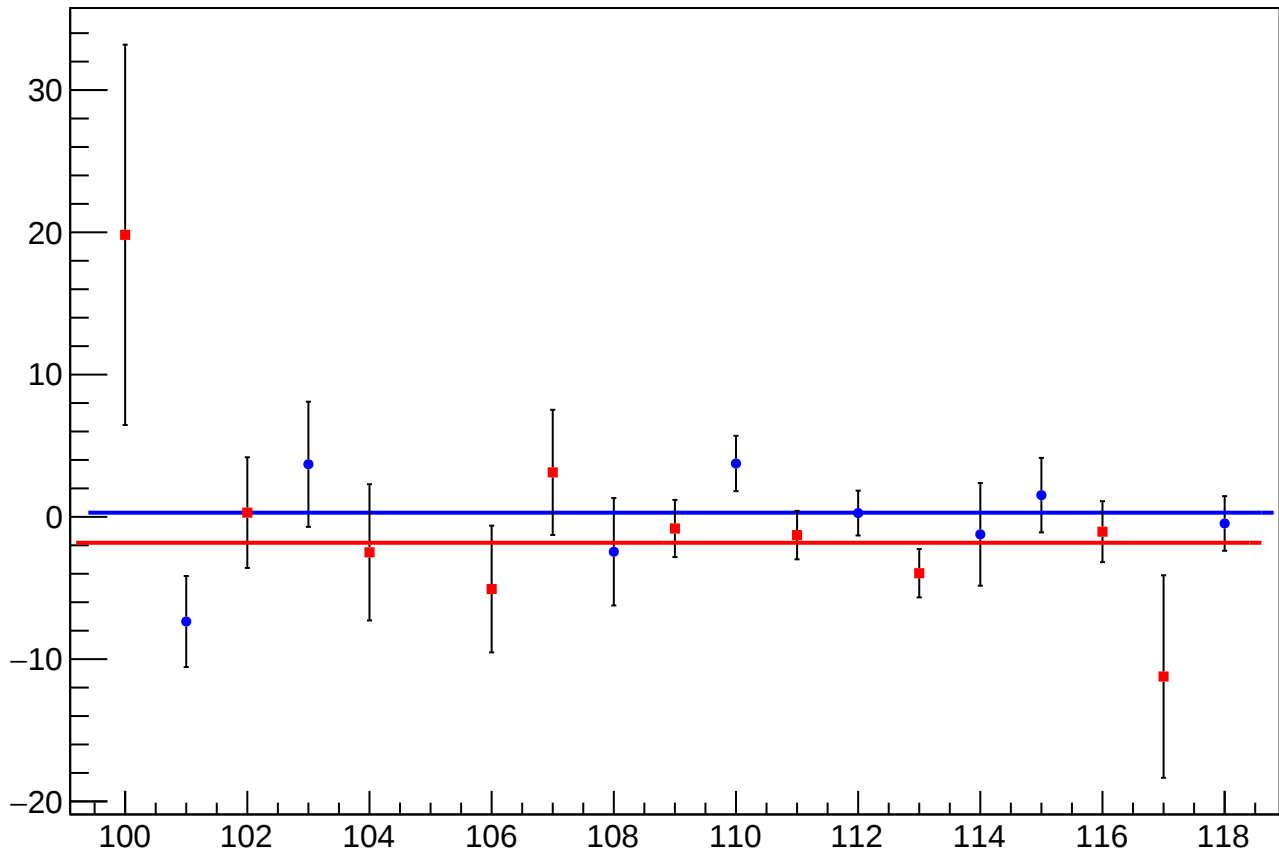
Right Out: 9.796+/-0.006 χ^2/NDF : 3858362.2/9

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

9.876+/-0.007 χ^2/NDF : 3899129.0/7

9.796+/-0.006 χ^2/NDF : 3858362.2/9

diff_cav4cX_mean vs Slug



Right In: 0.294+/-0.851 χ^2/NDF : 10.6/7

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

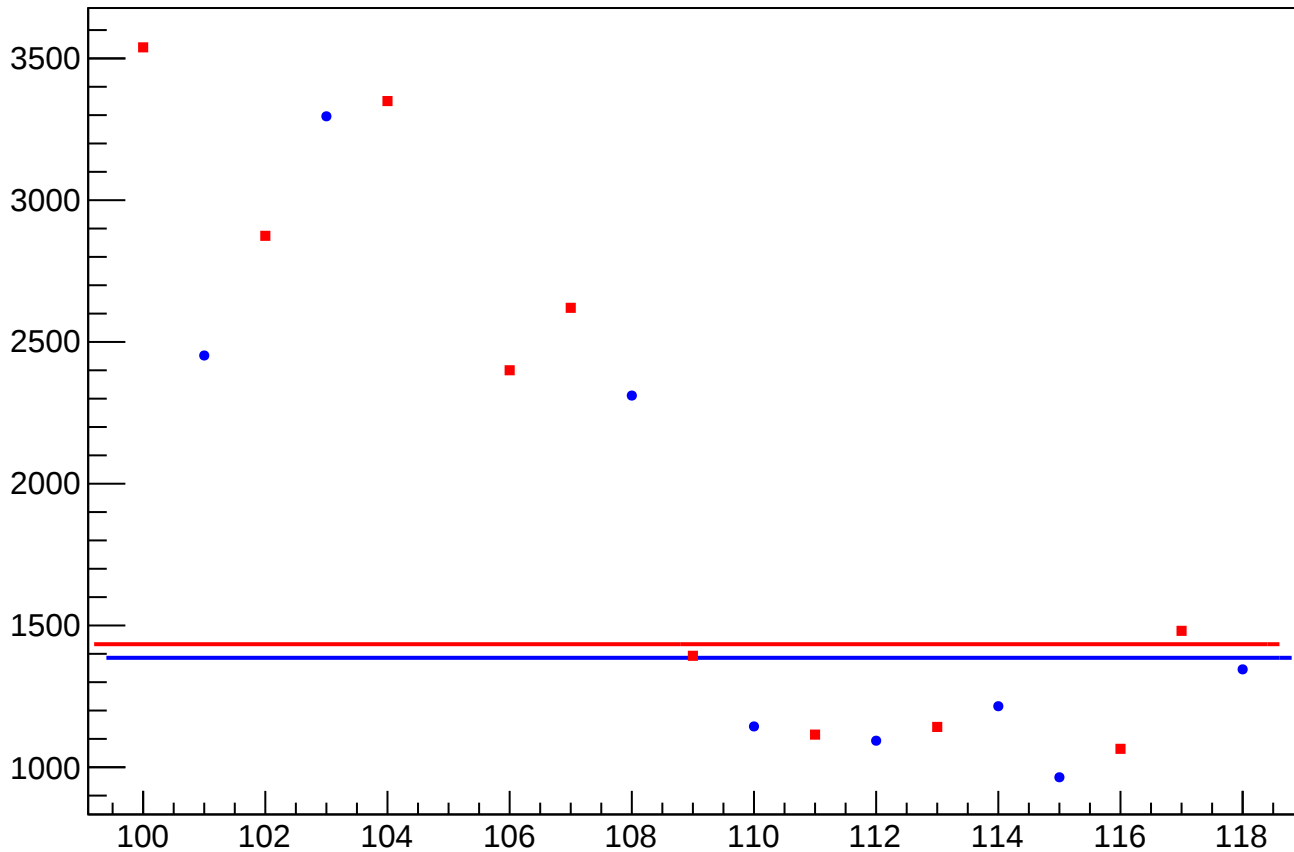
Right Out: -1.820+/-0.847 χ^2/NDF : 8.6/9

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

0.294+/-0.851 χ^2/NDF : 10.6/7

-1.820+/-0.847 χ^2/NDF : 8.6/9

diff_cav4cX_rms vs Slug



Right In: 1385.948 $\pm$ 0.601 χ^2 /NDF: 876304.7/7

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

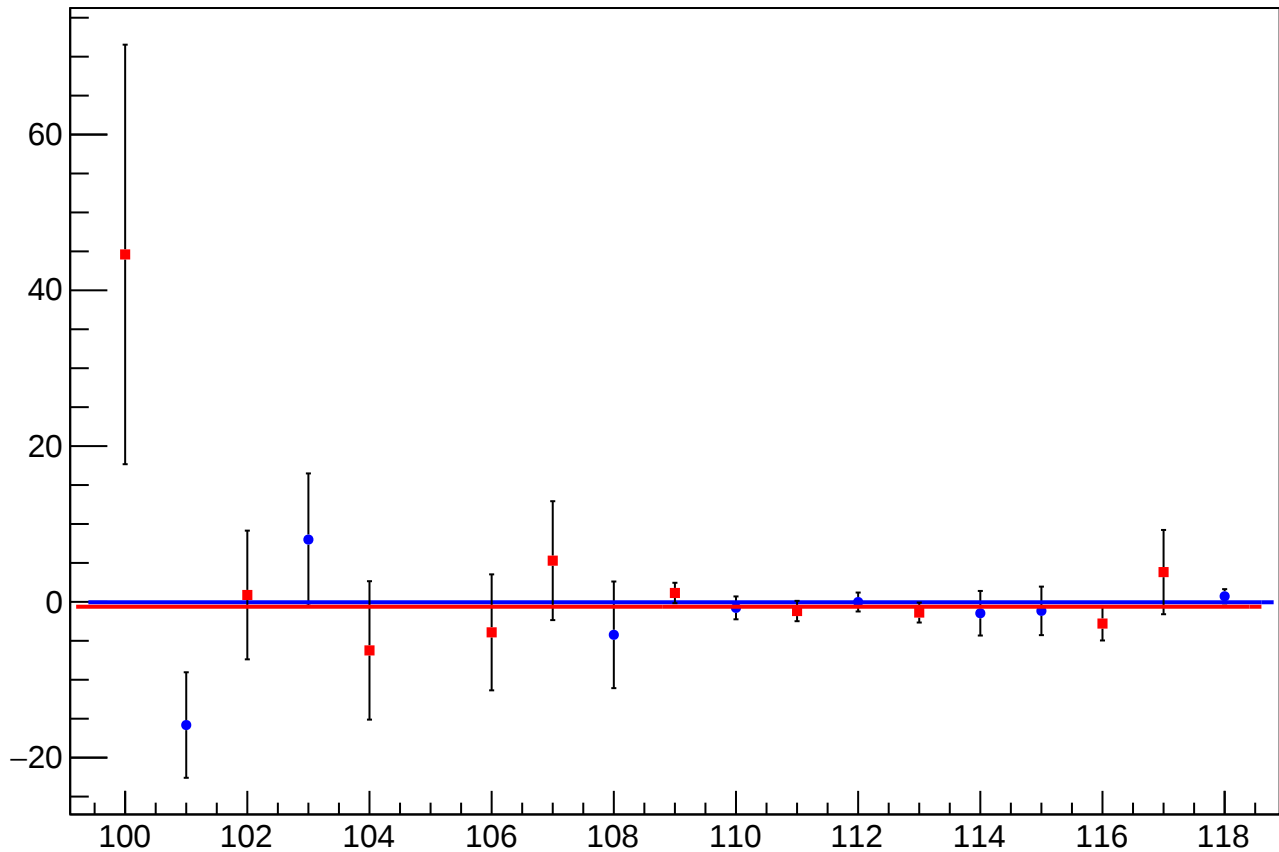
Right Out: 1433.994 $\pm$ 0.599 χ^2 /NDF: 1073113.8/9

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

1385.948 $\pm$ 0.601 χ^2 /NDF: 876304.7/7

1433.994 $\pm$ 0.599 χ^2 /NDF: 1073113.8/9

diff_cav4cY_mean vs Slug



Right In: -0.052+/-0.618 χ^2 /NDF: 8.0/7

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

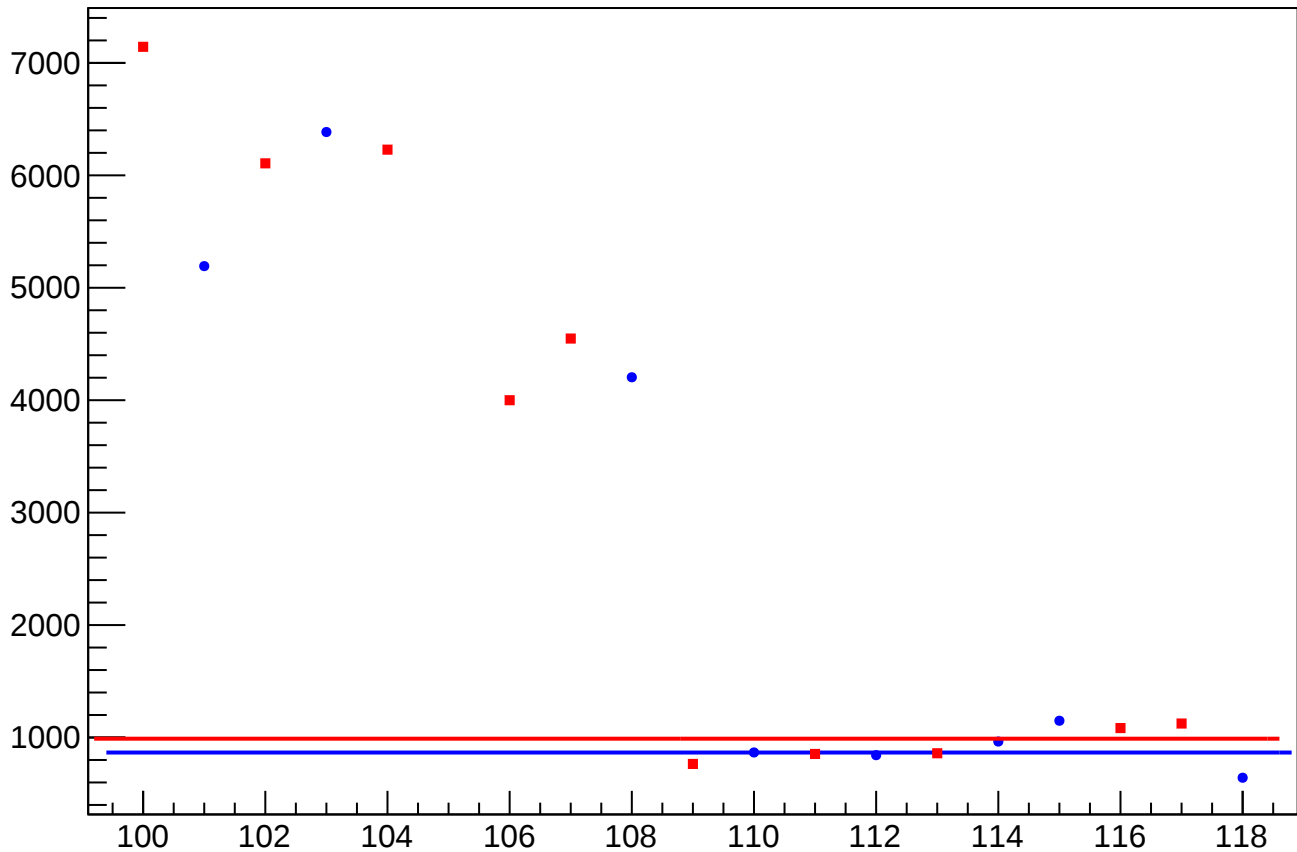
Right Out: -0.624+/-0.691 χ^2 /NDF: 8.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.052+/-0.618 χ^2 /NDF: 8.0/7

-0.624+/-0.691 χ^2 /NDF: 8.1/9

diff_cav4cY_rms vs Slug



Right In: 866.286+/-0.437 χ^2/NDF : 2275094.8/7

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

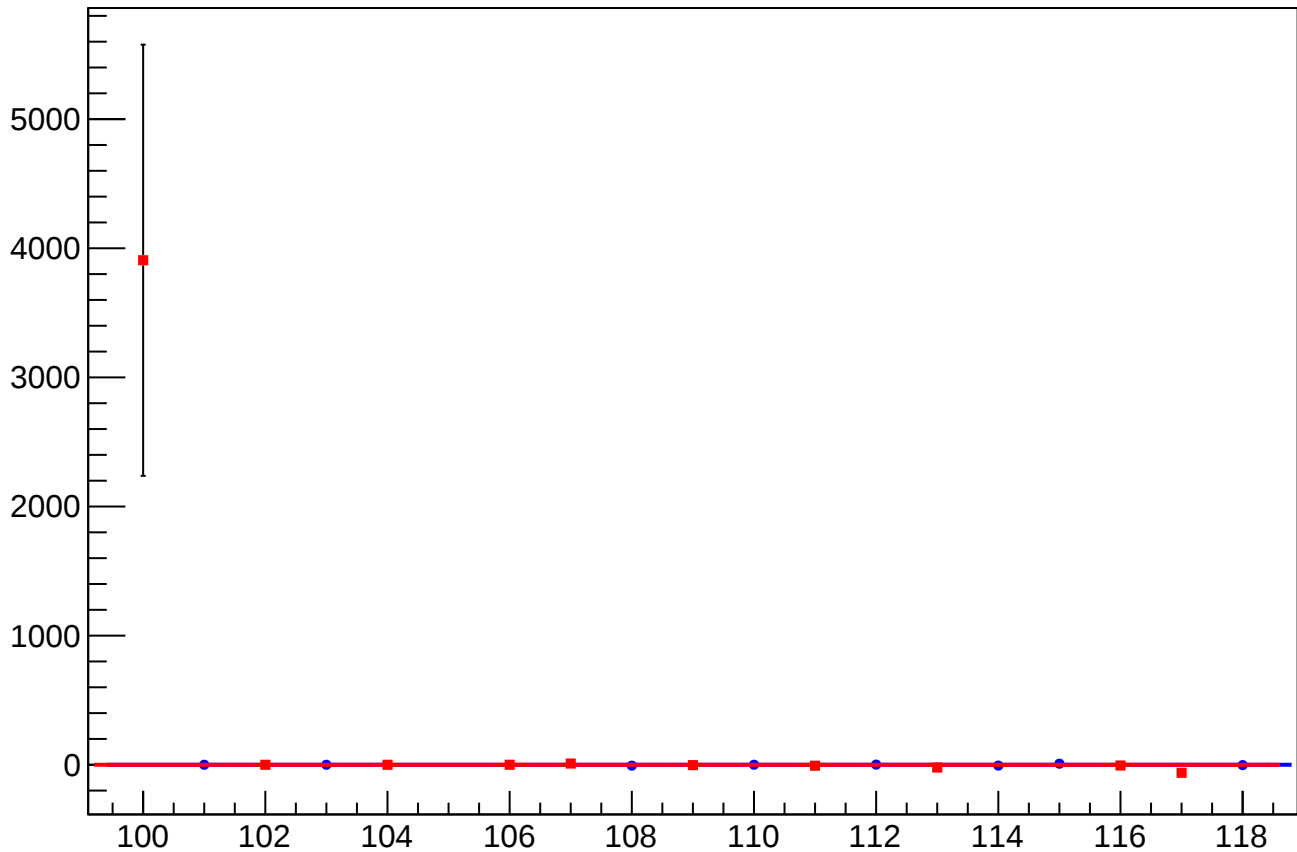
866.286+/-0.437 χ^2/NDF : 2275094.8/7

Right Out: 989.318+/-0.489 χ^2/NDF : 2434603.9/9

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

989.318+/-0.489 χ^2/NDF : 2434603.9/9

diff_cav4dX_mean vs Slug



Right In: -0.021+/-0.021 χ^2 /NDF: 1.5/7

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

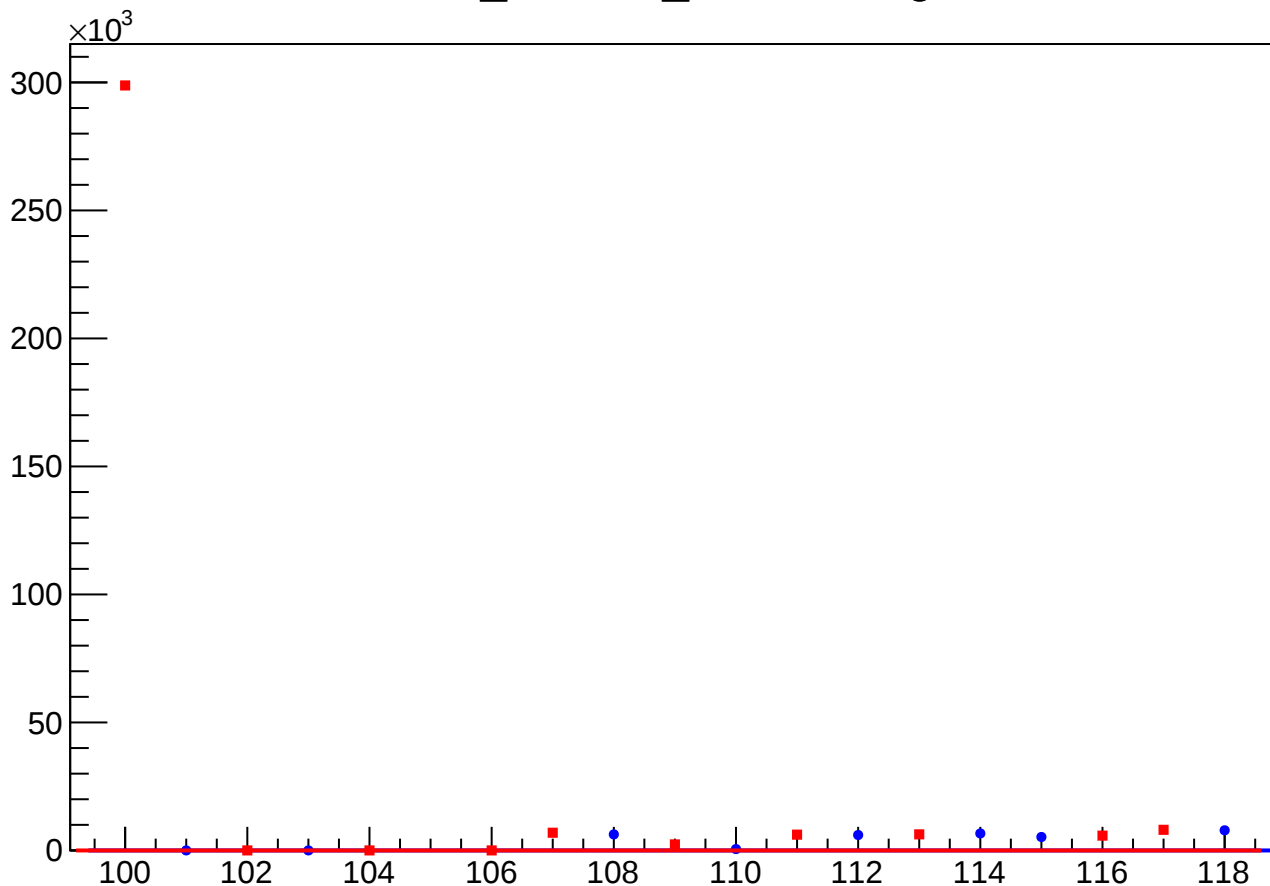
Right Out: -0.027+/-0.020 χ^2 /NDF: 16.0/9

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

-0.021+/-0.021 χ^2 /NDF: 1.5/7

-0.027+/-0.020 χ^2 /NDF: 16.0/9

diff_cav4dX_rms vs Slug



Right In: 17.107 $\pm$ 0.015 χ^2/NDF : 3426287.7/7

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

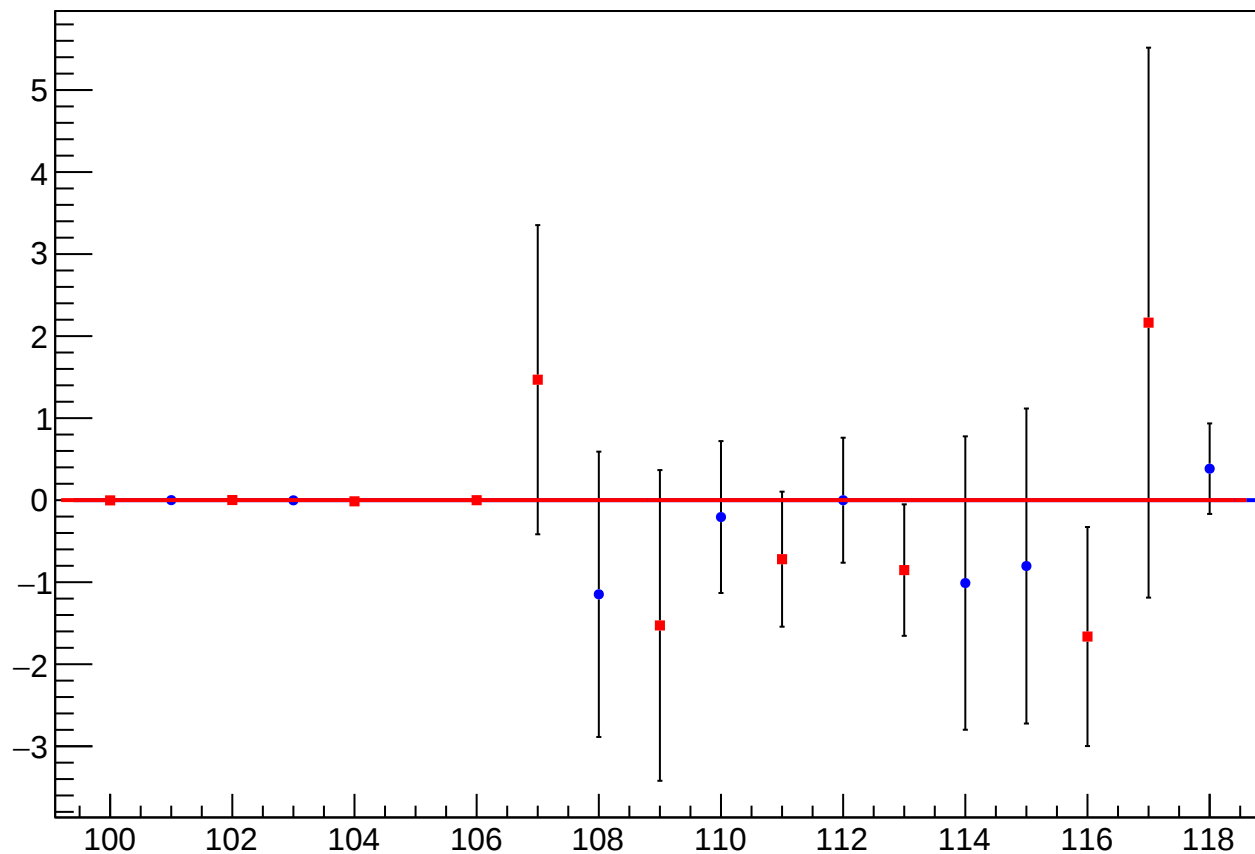
Right Out: 17.066 $\pm$ 0.014 χ^2/NDF : 3576970.6/9

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

17.107 $\pm$ 0.015 χ^2/NDF : 3426287.7/7

17.066 $\pm$ 0.014 χ^2/NDF : 3576970.6/9

diff_cav4dY_mean vs Slug



Right In: 0.000+/-0.002 χ^2/NDF : 1.6/7

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

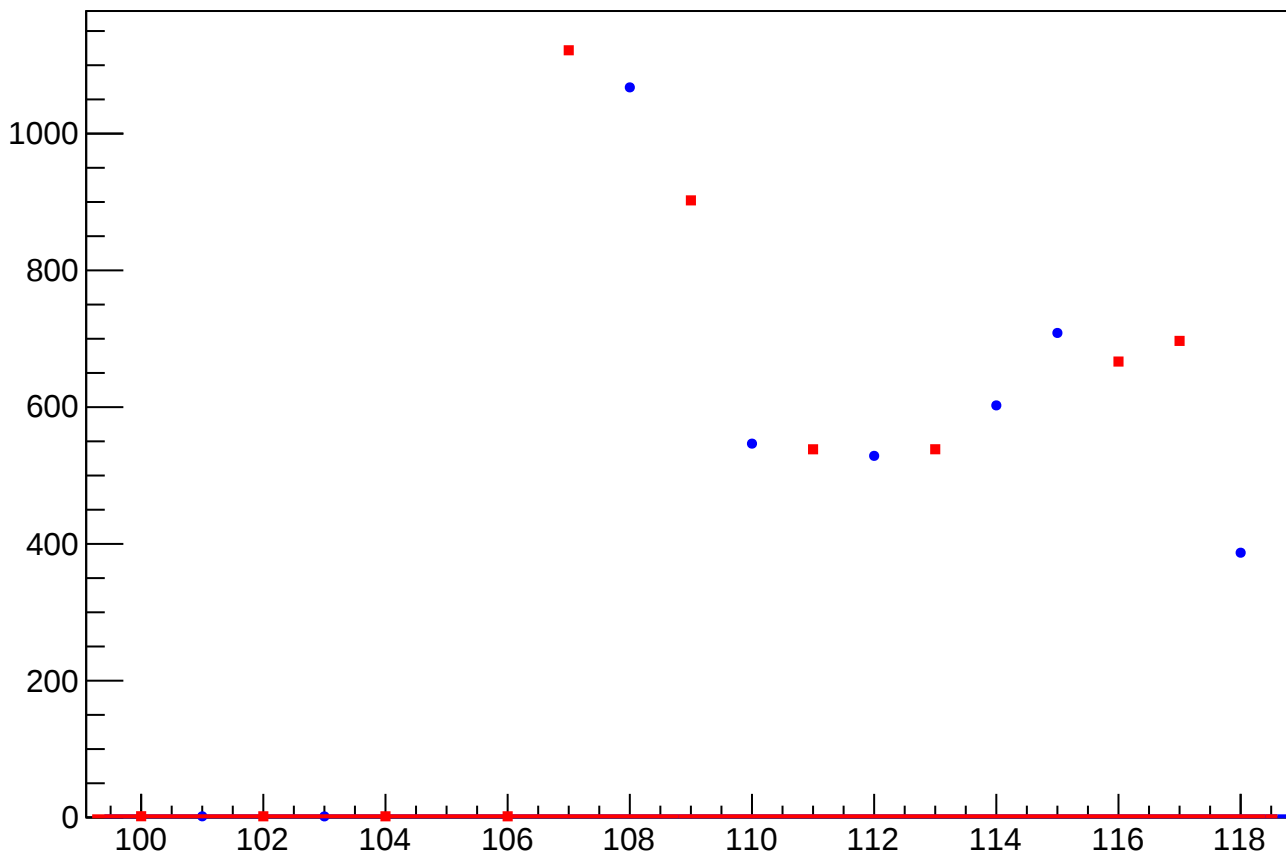
Right Out: 0.001+/-0.002 χ^2/NDF : 6.1/9

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

0.000+/-0.002 χ^2/NDF : 1.6/7

0.001+/-0.002 χ^2/NDF : 6.1/9

diff_cav4dY_rms vs Slug



Right In: 1.659+/-0.001 χ^2/NDF : 3875489.4/7

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

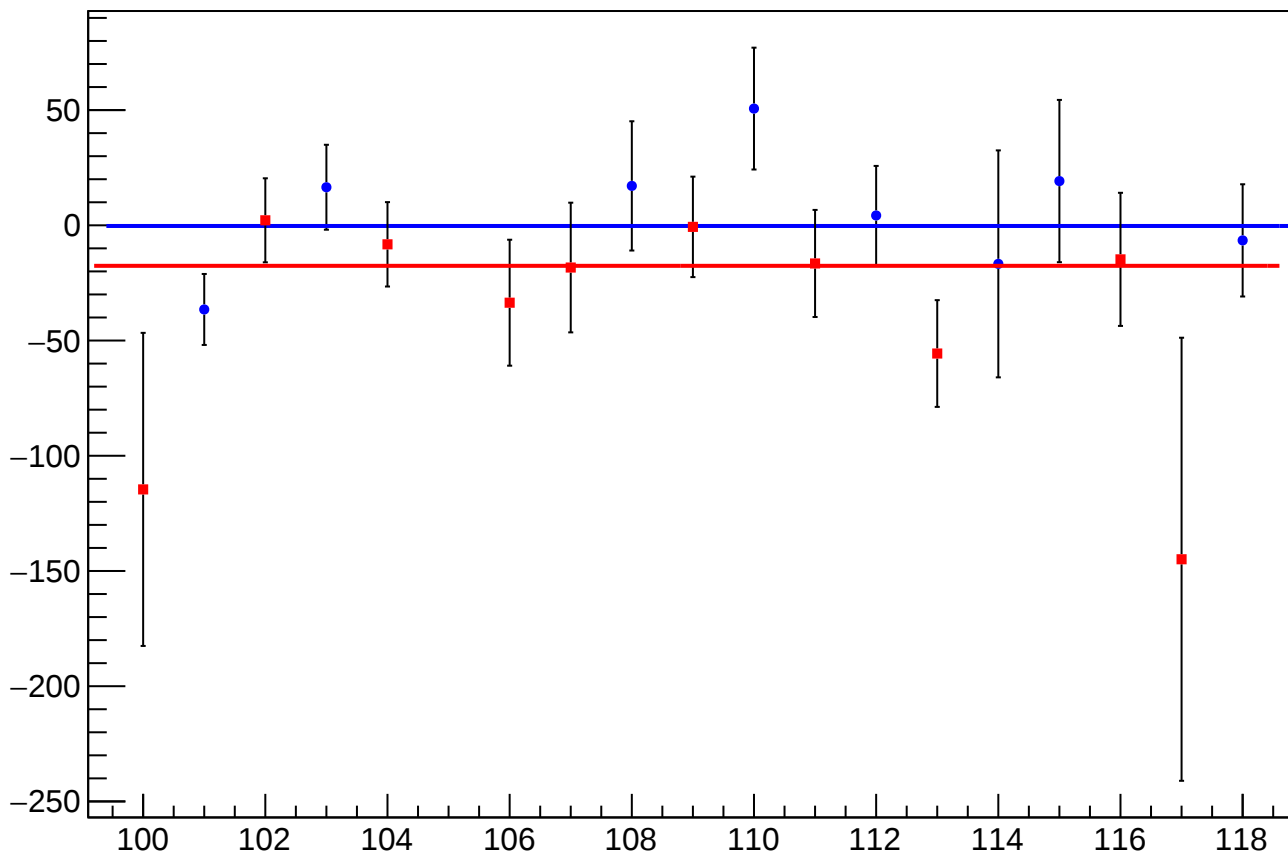
Right Out: 1.690+/-0.001 χ^2/NDF : 3488698.1/9

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

1.659+/-0.001 χ^2/NDF : 3875489.4/7

1.690+/-0.001 χ^2/NDF : 3488698.1/9

diff_bpm4aX_mean vs Slug



Right In: -0.284 ± 8.184 χ^2/NDF : 11.0/7

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

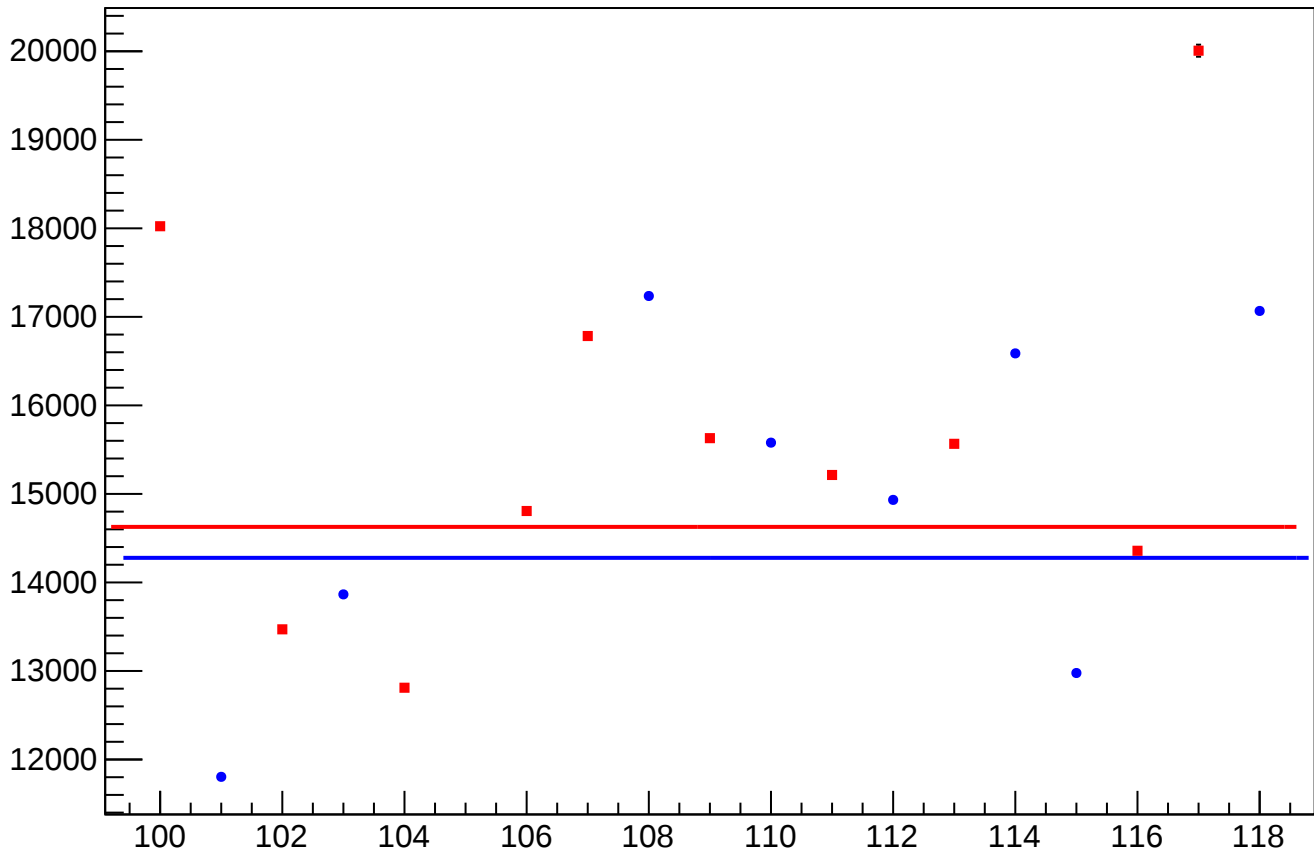
Right Out: -17.579 ± 7.921 χ^2/NDF : 8.9/9

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

-0.284 ± 8.184 χ^2/NDF : 11.0/7

-17.579 ± 7.921 χ^2/NDF : 8.9/9

diff_bpm4aX_rms vs Slug



Right In: 14277.909+/-5.787 χ^2/NDF : 114898.2/7

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

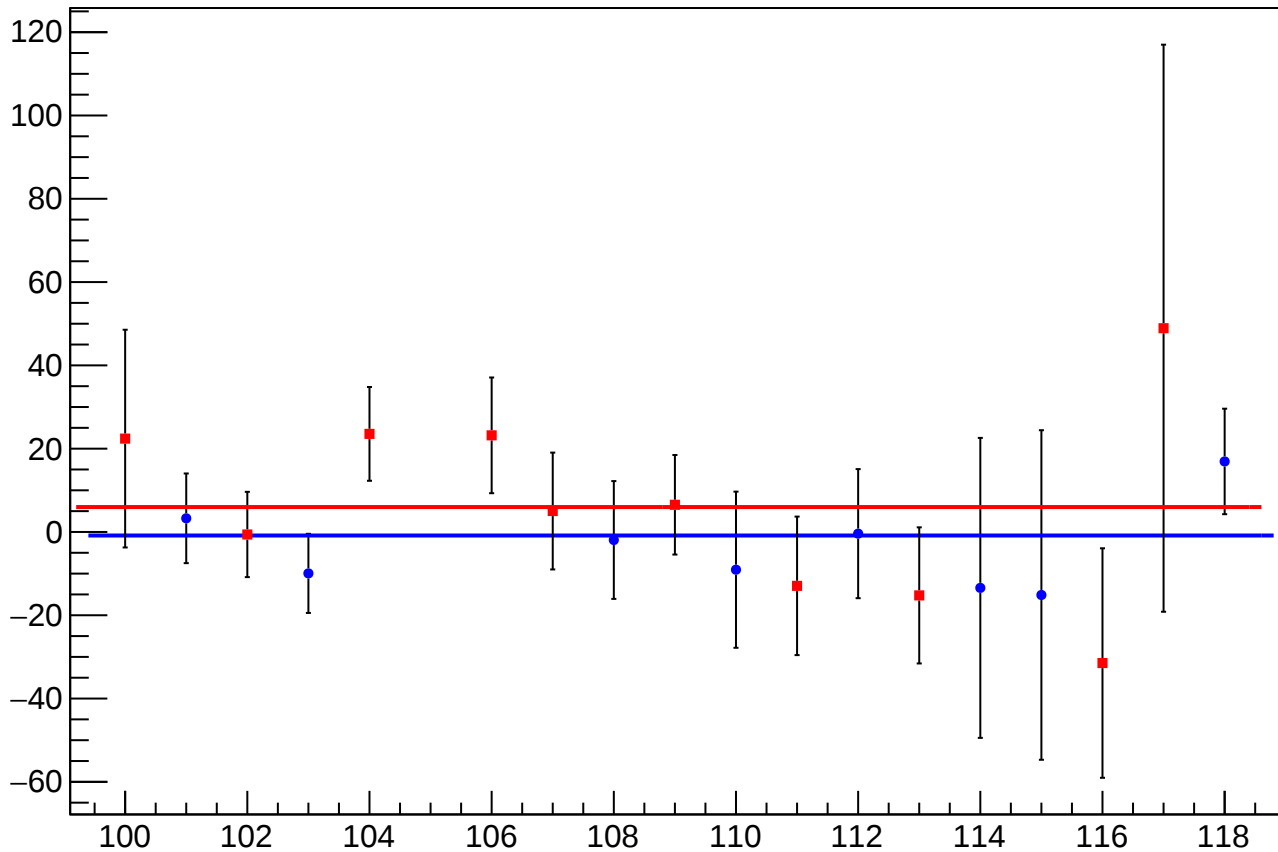
14277.909+/-5.787 χ^2/NDF : 114898.2/7

Right Out: 14627.634+/-5.601 χ^2/NDF : 59794.4/9

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

14627.634+/-5.601 χ^2/NDF : 59794.4/9

diff_bpm4aY_mean vs Slug



Right In: -0.851 ± 5.040 χ^2/NDF : 3.5/7

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

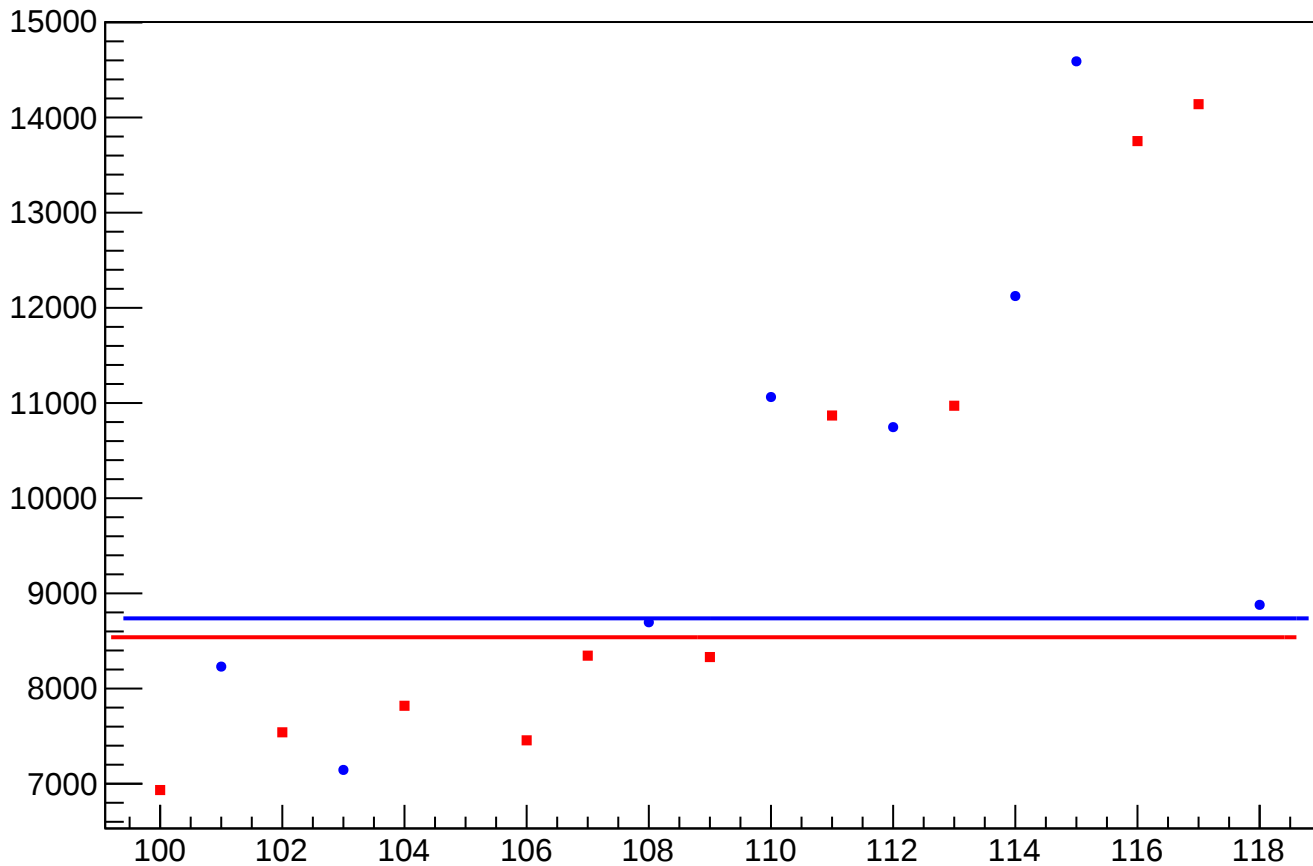
Right Out: 5.982 ± 4.712 χ^2/NDF : 10.0/9

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

-0.851 ± 5.040 χ^2/NDF : 3.5/7

5.982 ± 4.712 χ^2/NDF : 10.0/9

diff_bpm4aY_rms vs Slug



Right In: 8737.452+/-3.564 χ^2/NDF : 186745.4/7

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

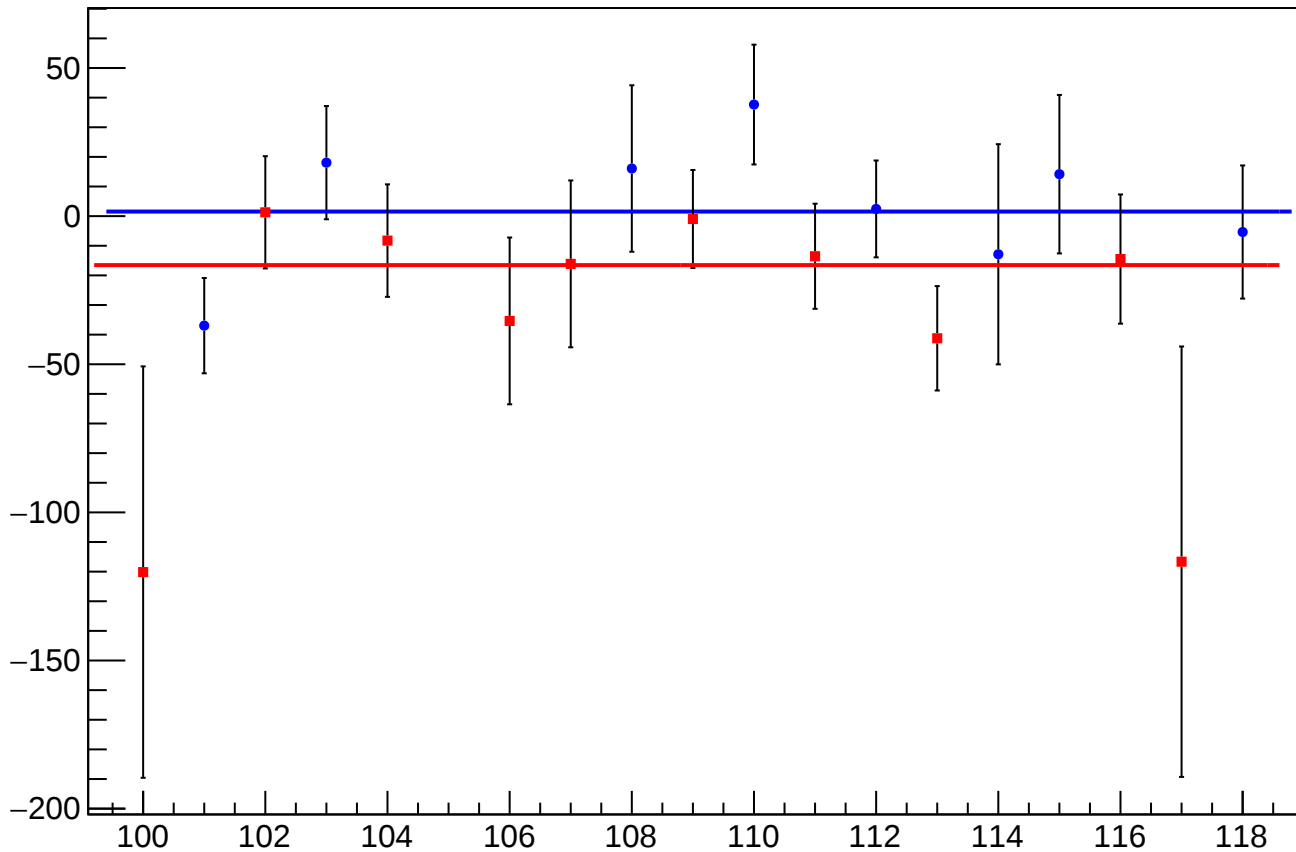
8737.452+/-3.564 χ^2/NDF : 186745.4/7

Right Out: 8539.060+/-3.332 χ^2/NDF : 216593.8/9

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

8539.060+/-3.332 χ^2/NDF : 216593.8/9

diff_bpm4eX_mean vs Slug



Right In: 1.546+/-7.420 χ^2/NDF : 10.4/7

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

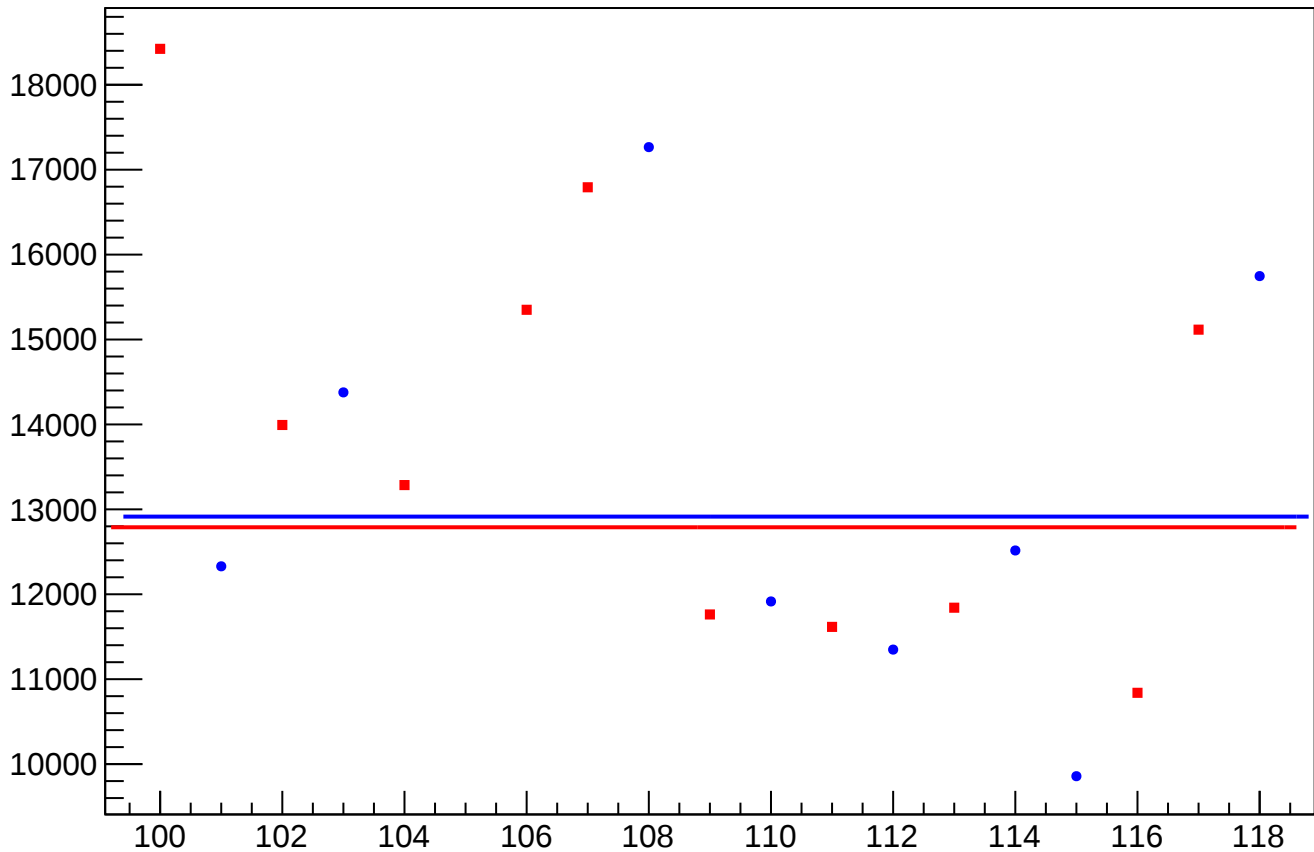
Right Out: -16.527+/-6.961 χ^2/NDF : 8.5/9

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

1.546+/-7.420 χ^2/NDF : 10.4/7

-16.527+/-6.961 χ^2/NDF : 8.5/9

diff_bpm4eX_rms vs Slug



Right In: 12914.561+/-5.247 χ^2/NDF : 143721.2/7

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

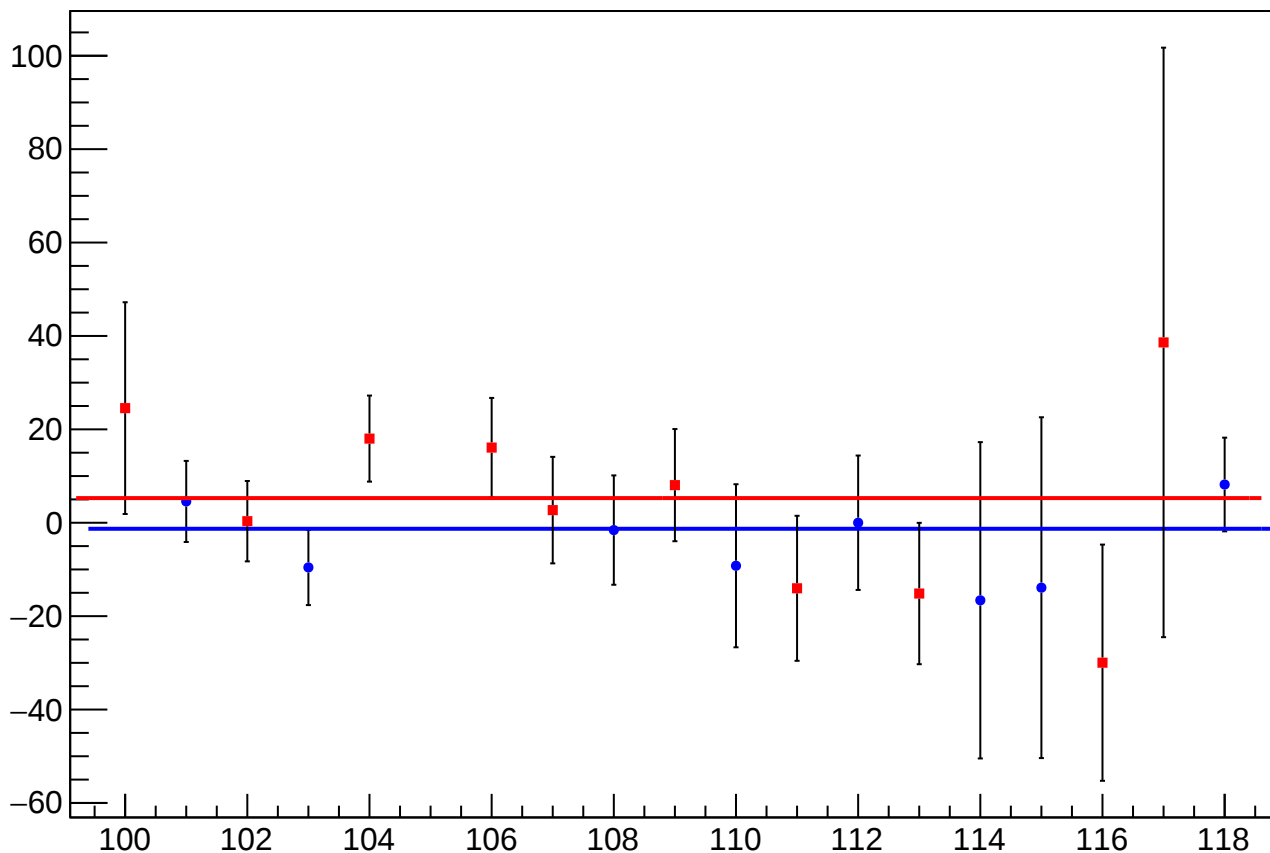
12914.561+/-5.247 χ^2/NDF : 143721.2/7

Right Out: 12788.902+/-4.922 χ^2/NDF : 119898.1/9

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

12788.902+/-4.922 χ^2/NDF : 119898.1/9

diff_bpm4eY_mean vs Slug



Right In: -1.288+/-4.241 χ^2/NDF : 2.9/7

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

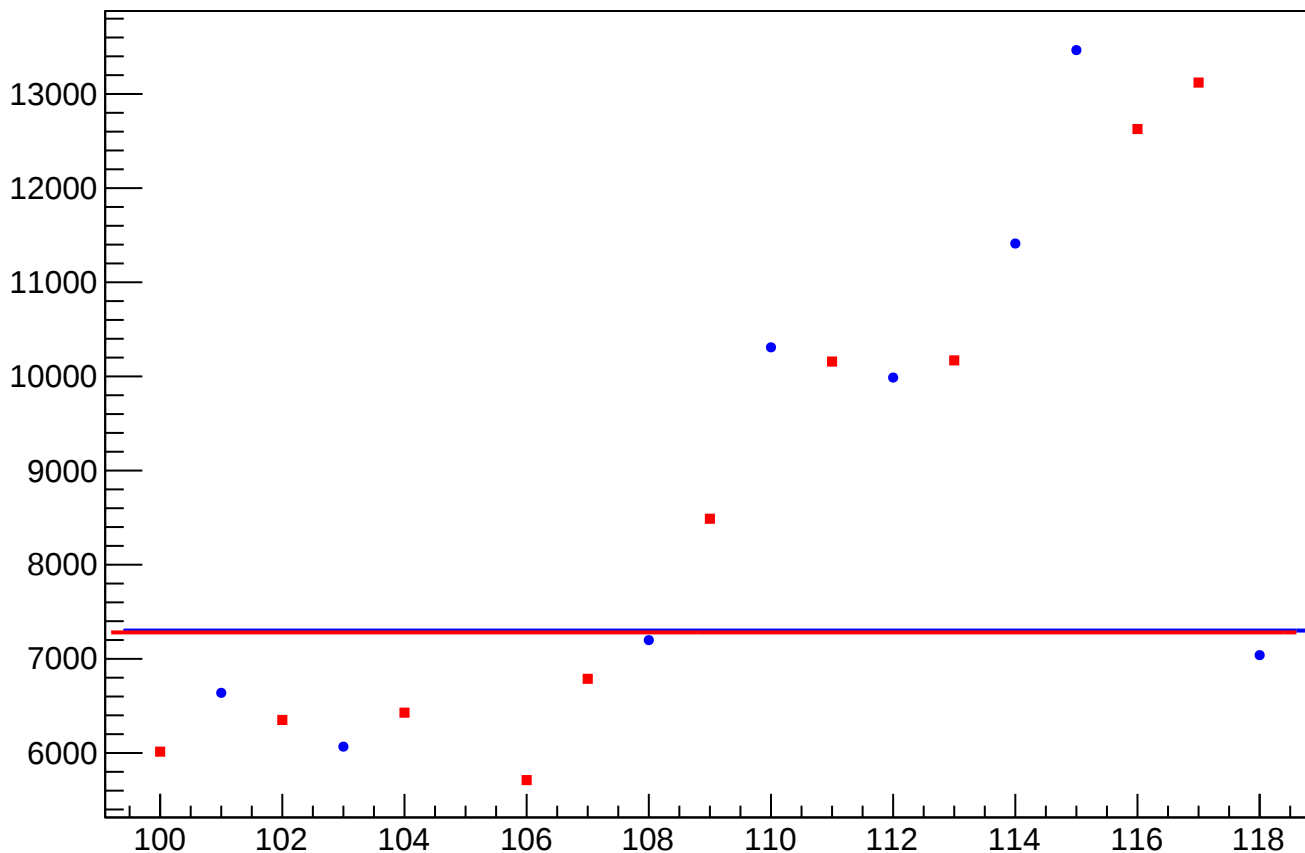
Right Out: 5.280+/-4.048 χ^2/NDF : 9.7/9

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

-1.288+/-4.241 χ^2/NDF : 2.9/7

5.280+/-4.048 χ^2/NDF : 9.7/9

diff_bpm4eY_rms vs Slug



Right In: 7300.638+/-2.999 χ^2/NDF : 275563.3/7

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

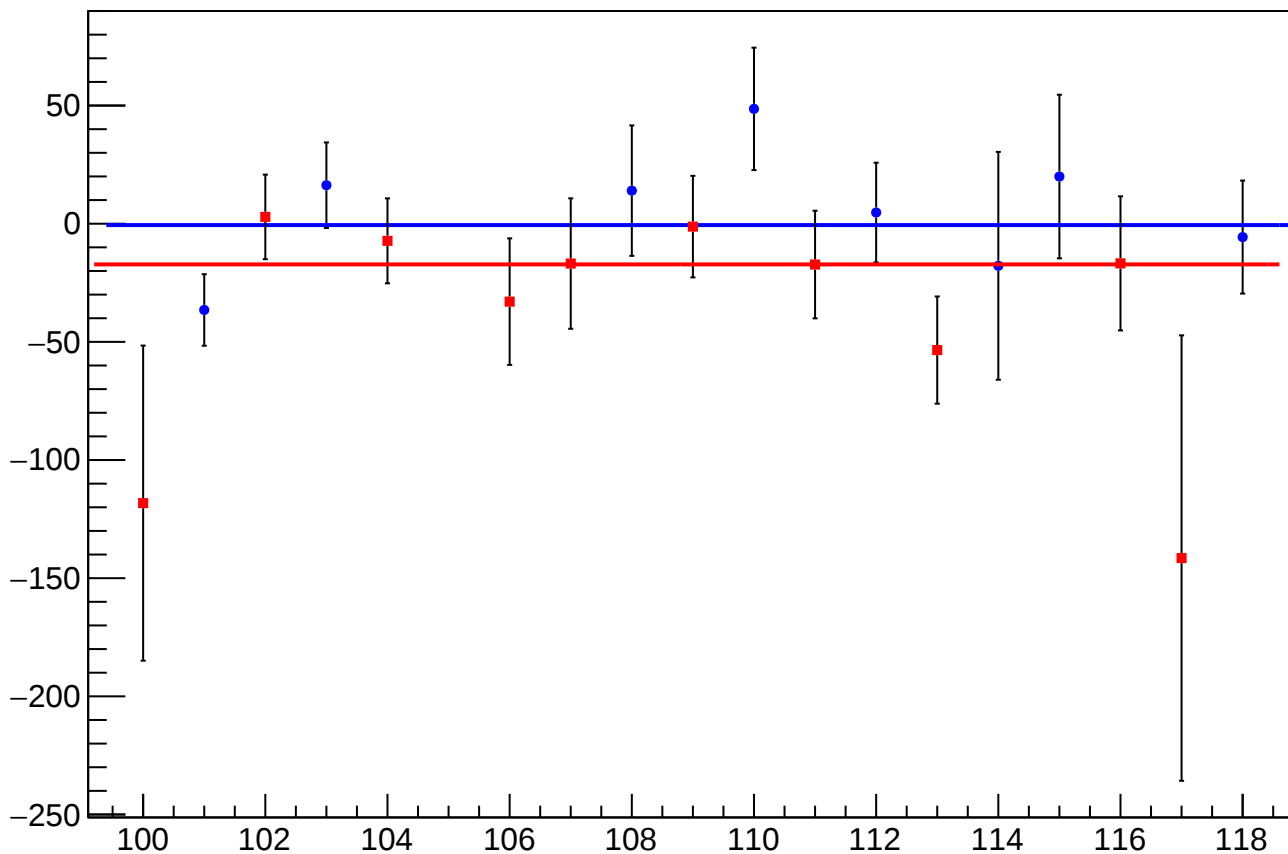
Right Out: 7280.999+/-2.862 χ^2/NDF : 362306.7/9

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

7300.638+/-2.999 χ^2/NDF : 275563.3/7

7280.999+/-2.862 χ^2/NDF : 362306.7/9

diff_bpm4acX_mean vs Slug



Right In: -0.583 ± 8.034 χ^2/NDF : 11.0/7

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

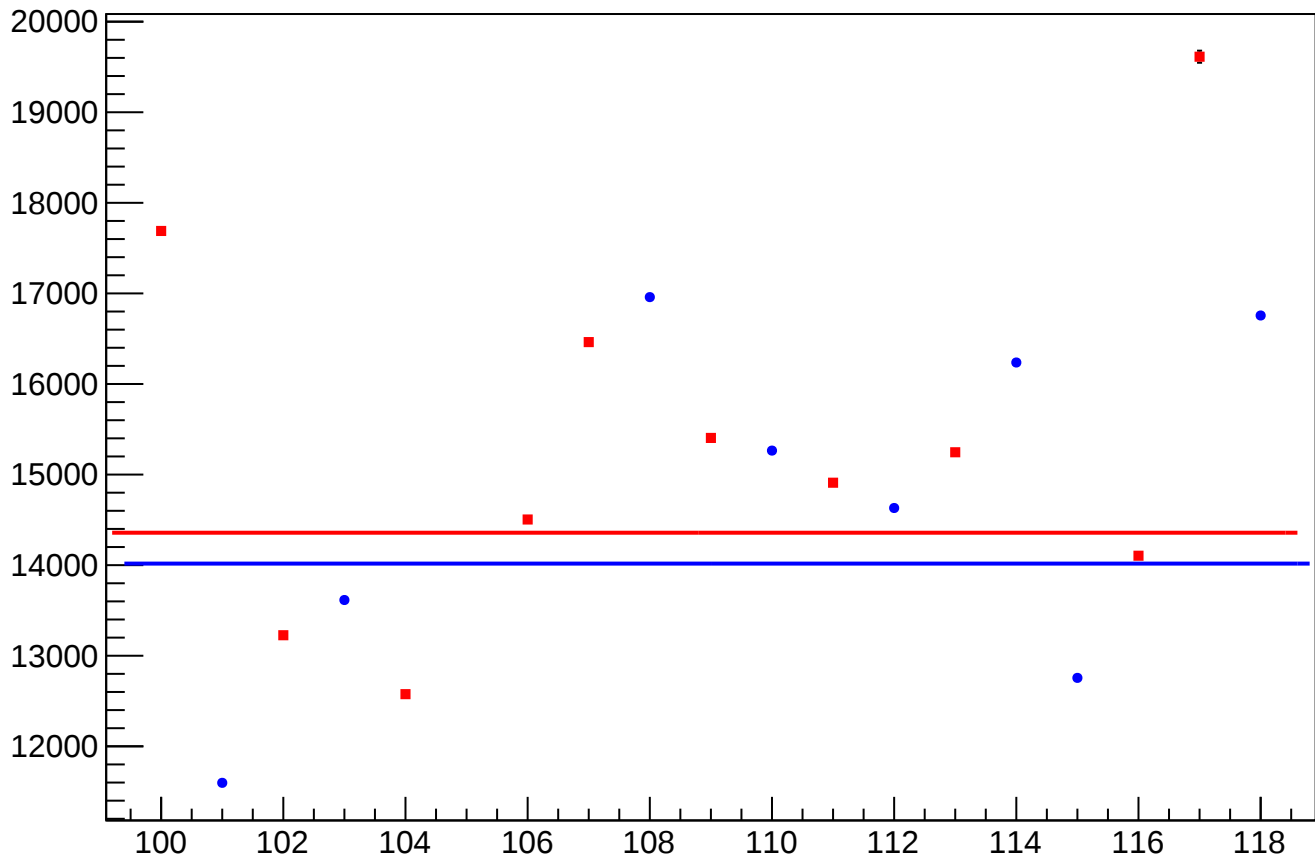
Right Out: -17.220 ± 7.775 χ^2/NDF : 9.1/9

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

-0.583 ± 8.034 χ^2/NDF : 11.0/7

-17.220 ± 7.775 χ^2/NDF : 9.1/9

diff_bpm4acX_rms vs Slug



Right In: 14017.205+/-5.681 χ^2/NDF : 114366.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

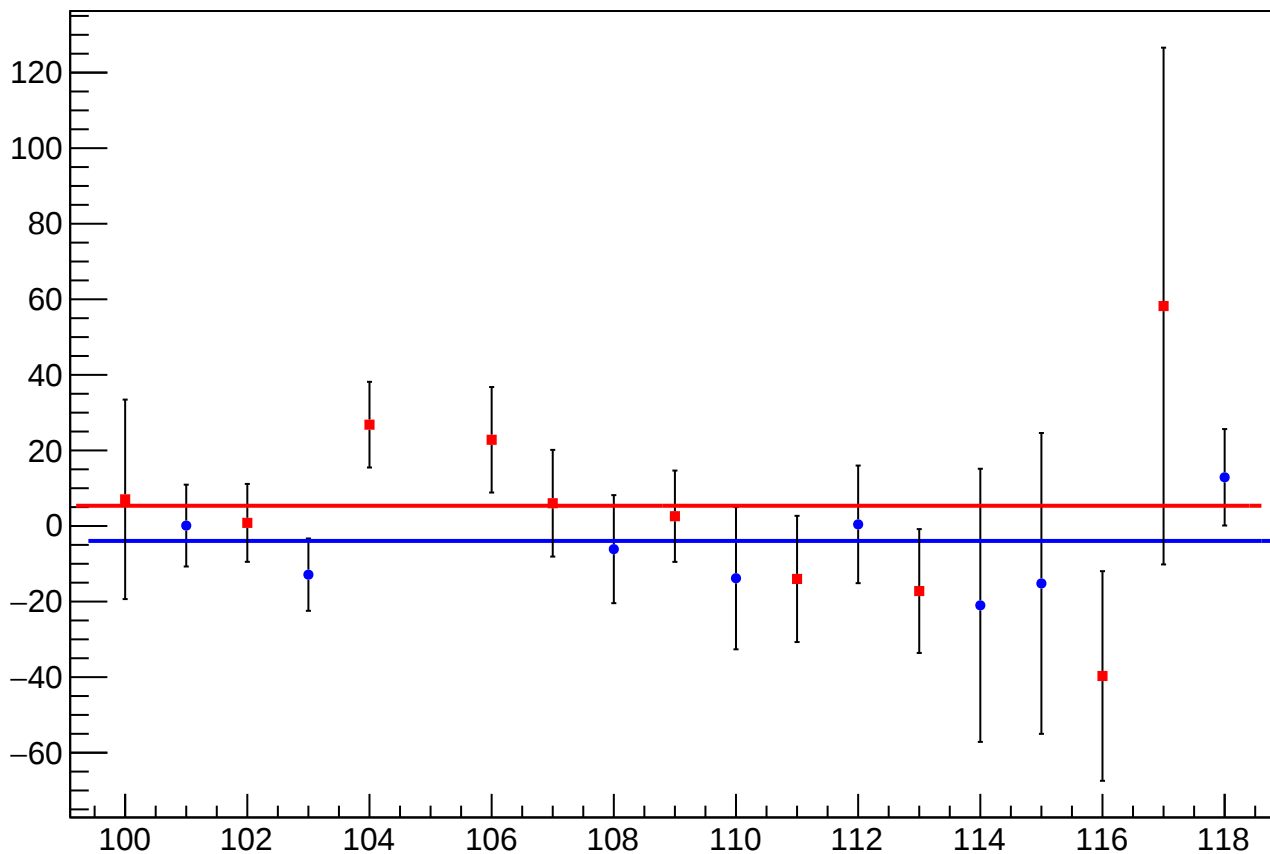
Right Out: 14358.109+/-5.498 χ^2/NDF : 59699.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14017.205+/-5.681 χ^2/NDF : 114366.7/7

14358.109+/-5.498 χ^2/NDF : 59699.9/9

diff_bpm4acY_mean vs Slug



Right In: -3.950+/-5.075 χ^2/NDF : 3.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

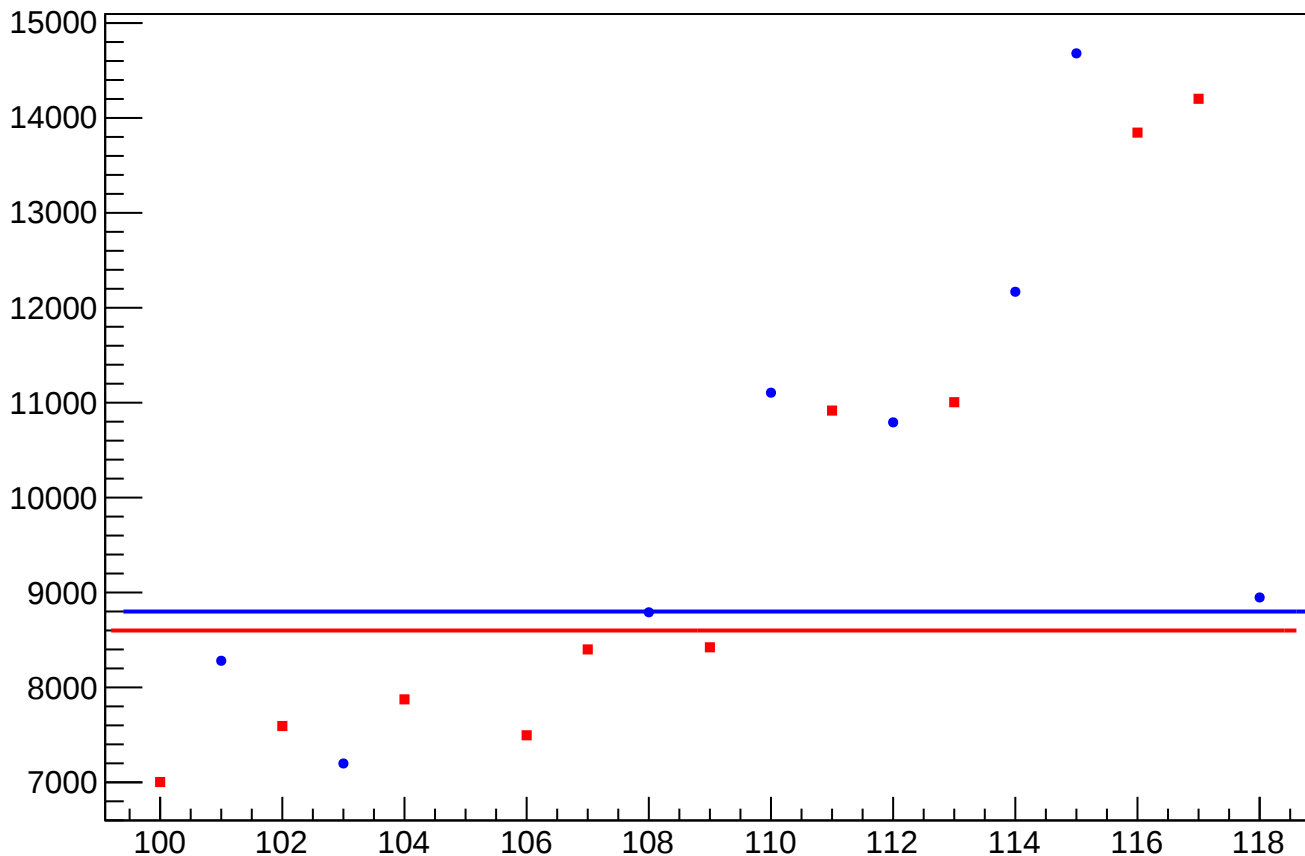
Right Out: 5.359+/-4.744 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.950+/-5.075 χ^2/NDF : 3.4/7

5.359+/-4.744 χ^2/NDF : 11.9/9

diff_bpm4acY_rms vs Slug



Right In: 8799.526 $\pm$ 3.589 χ^2 /NDF: 184691.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

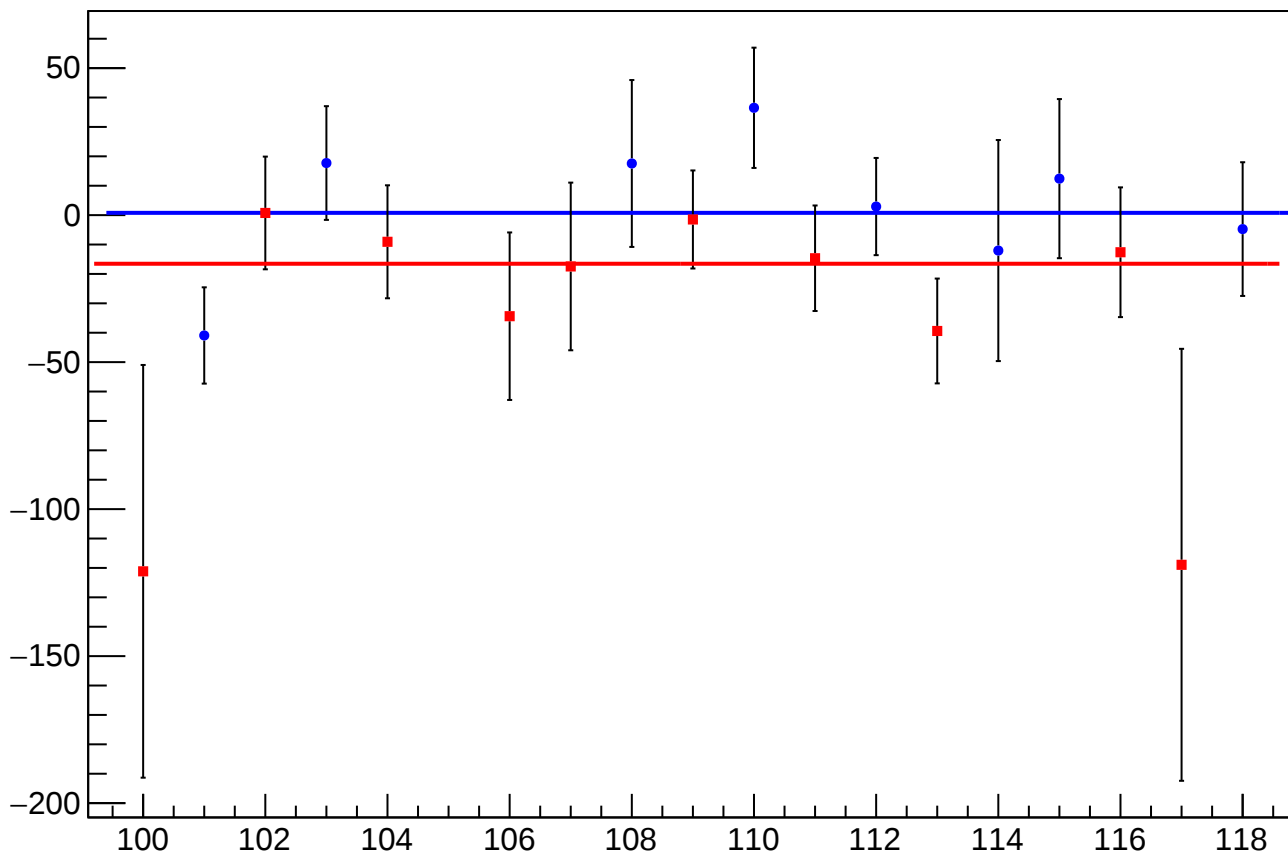
Right Out: 8599.539 $\pm$ 3.354 χ^2 /NDF: 214392.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8799.526 $\pm$ 3.589 χ^2 /NDF: 184691.3/7

8599.539 $\pm$ 3.354 χ^2 /NDF: 214392.6/9

diff_bpm4ecX_mean vs Slug



Right In: 0.777 ± 7.517 $\chi^2/\text{NDF}: 11.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

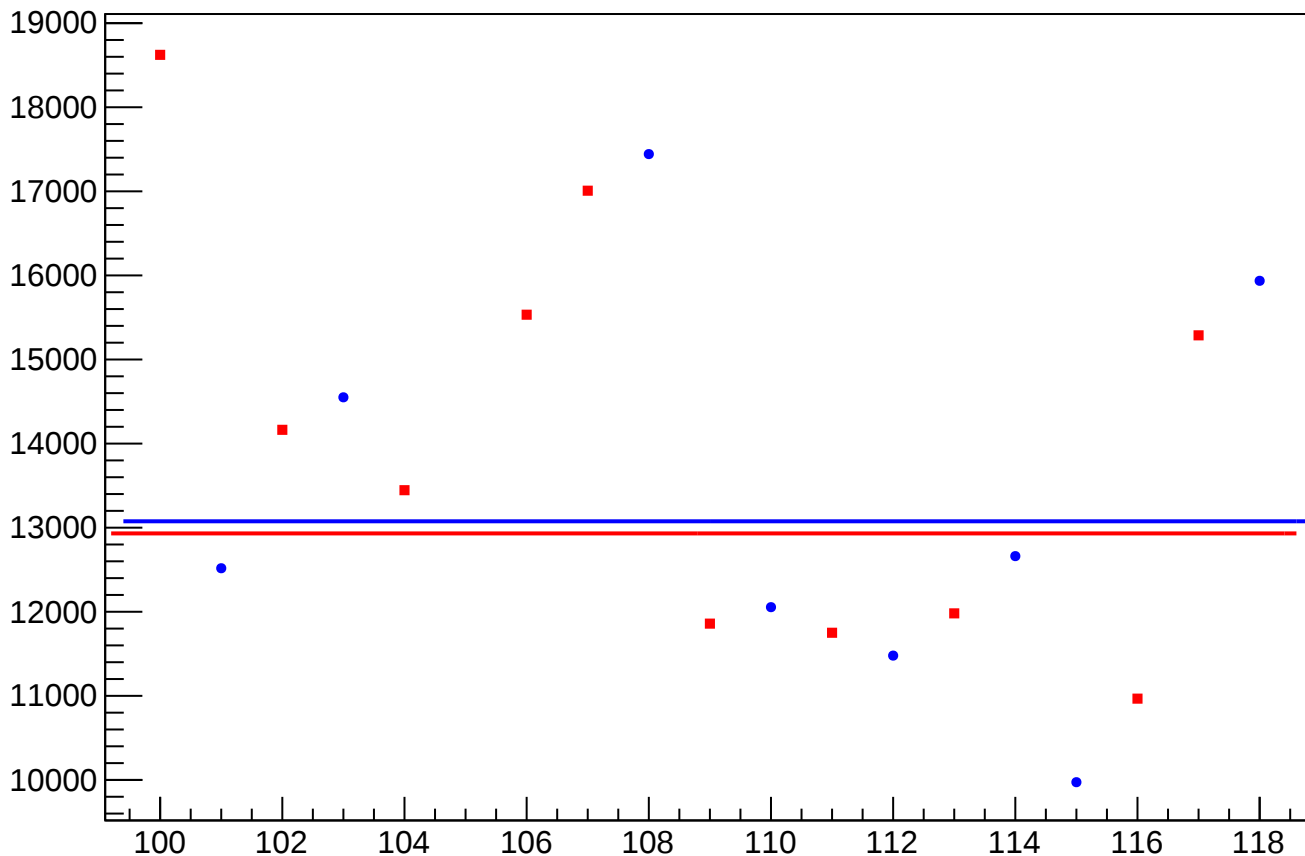
Right Out: -16.537 ± 7.039 $\chi^2/\text{NDF}: 8.0/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

0.777 ± 7.517 $\chi^2/\text{NDF}: 11.0/7$

-16.537 ± 7.039 $\chi^2/\text{NDF}: 8.0/9$

diff_bpm4ecX_rms vs Slug



Right In: 13075.885 $\pm$ 5.315 χ^2 /NDF: 143121.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

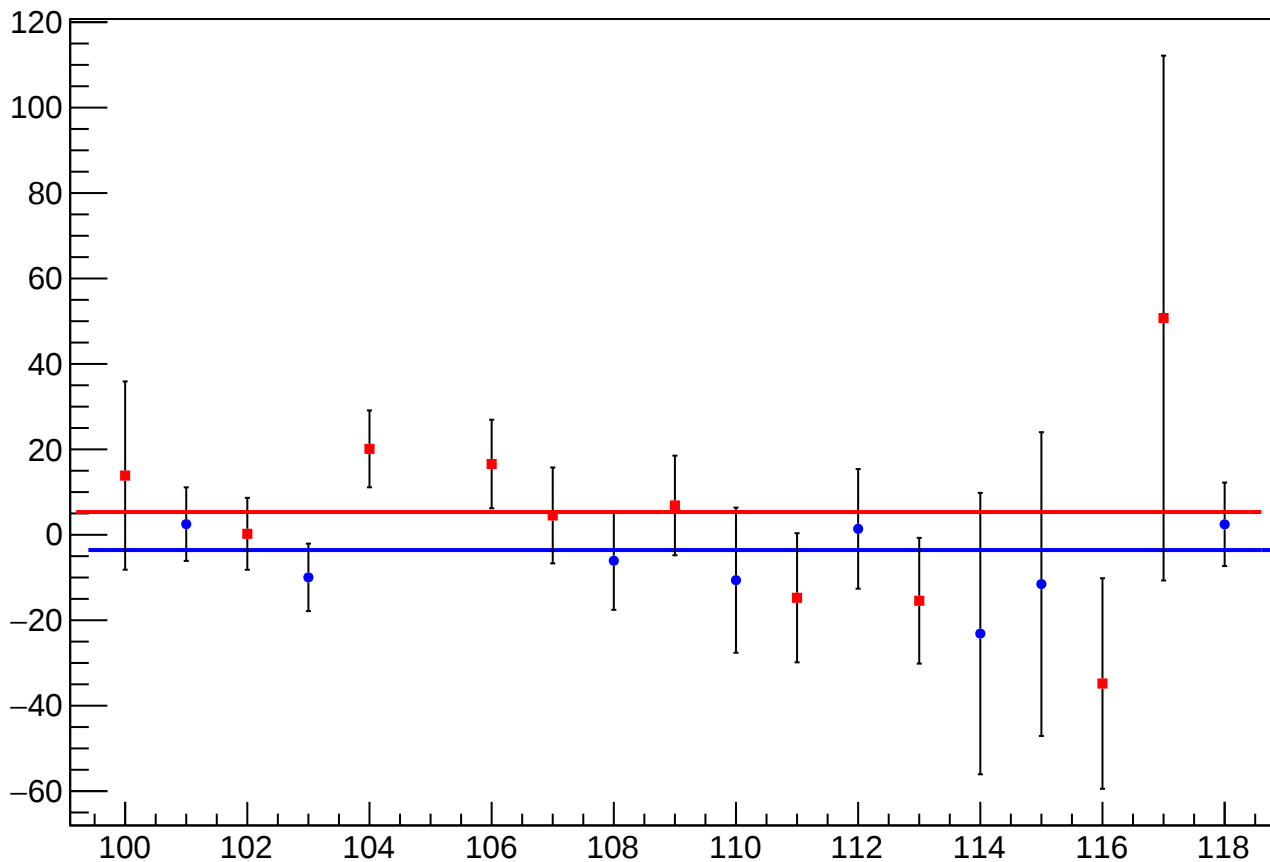
Right Out: 12931.760 $\pm$ 4.977 χ^2 /NDF: 120932.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

13075.885 $\pm$ 5.315 χ^2 /NDF: 143121.6/7

12931.760 $\pm$ 4.977 χ^2 /NDF: 120932.9/9

diff_bpm4ecY_mean vs Slug



Right In: -3.569+/-4.157 χ^2/NDF : 2.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

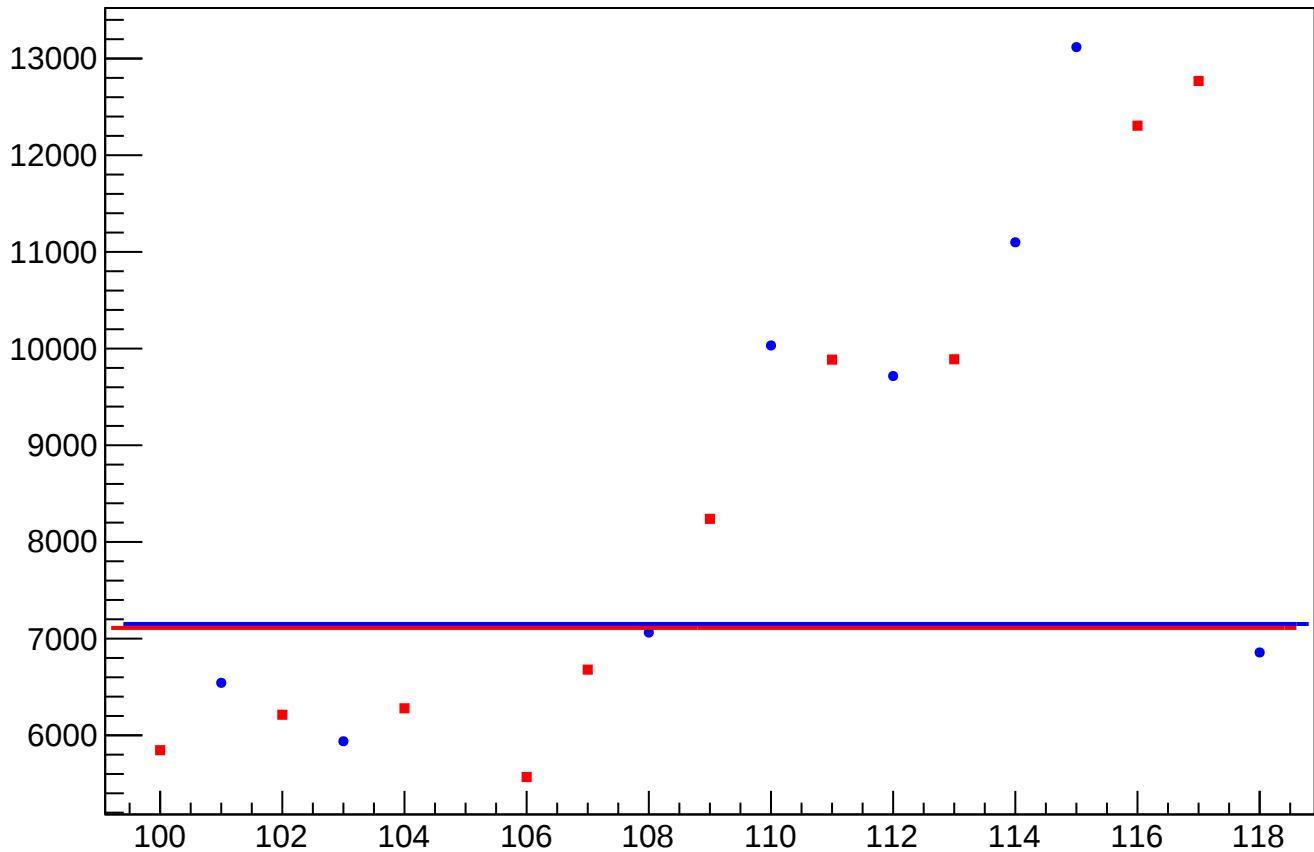
Right Out: 5.333+/-3.952 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.569+/-4.157 χ^2/NDF : 2.3/7

5.333+/-3.952 χ^2/NDF : 11.4/9

diff_bpm4ecY_rms vs Slug



Right In: 7151.394+/-2.939 χ^2/NDF : 268871.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

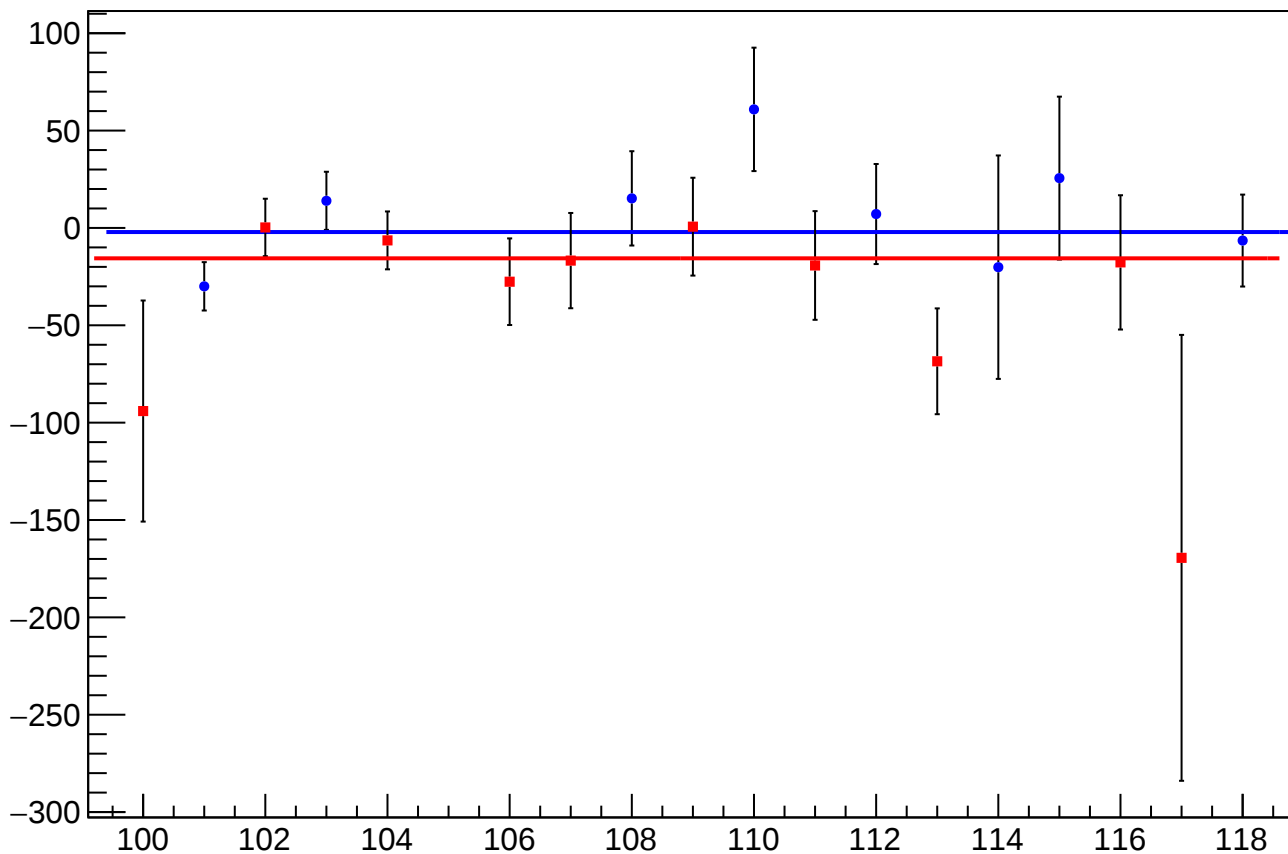
Right Out: 7110.686+/-2.794 χ^2/NDF : 356998.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7151.394+/-2.939 χ^2/NDF : 268871.4/7

7110.686+/-2.794 χ^2/NDF : 356998.6/9

diff_bpm1X_mean vs Slug



Right In: -2.108+/-7.483 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

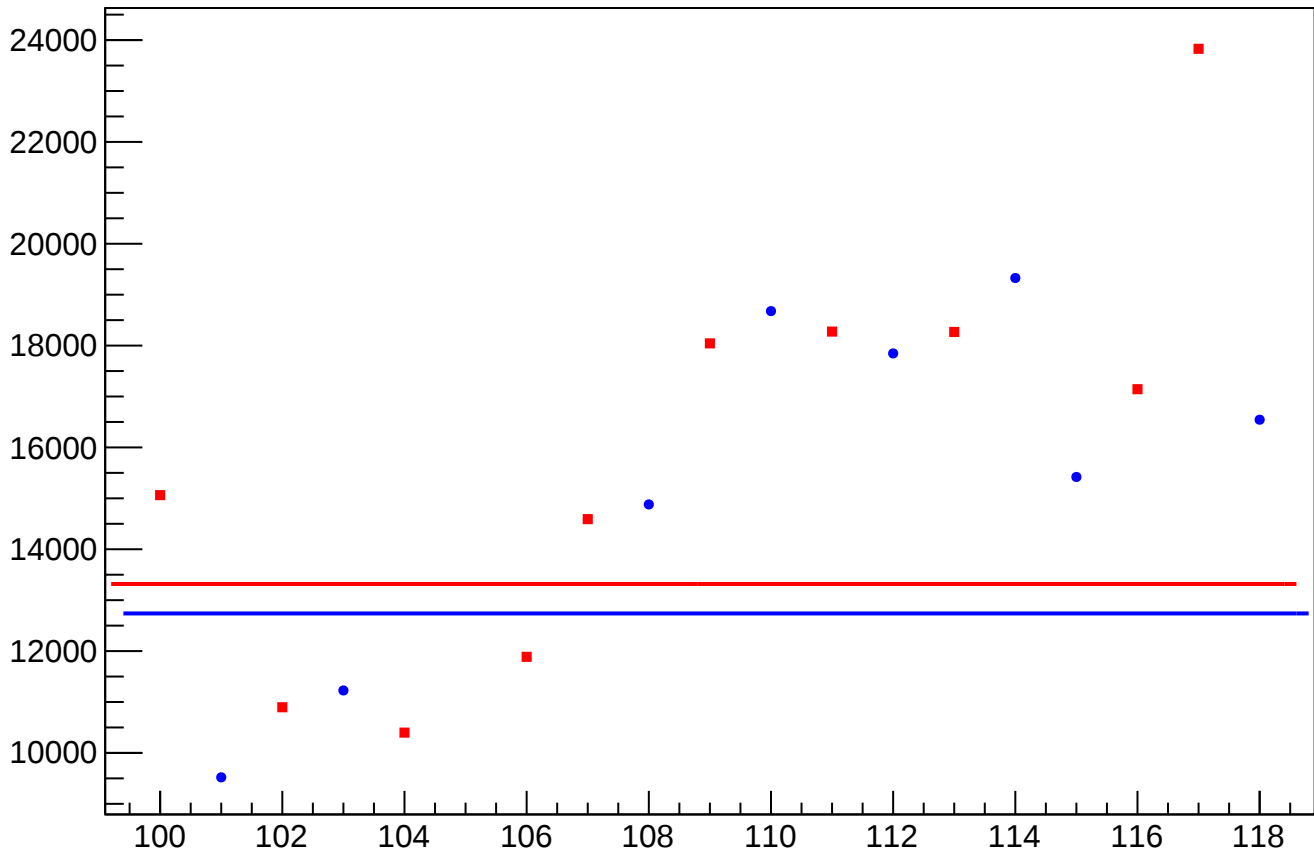
Right Out: -15.610+/-7.399 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.108+/-7.483 χ^2/NDF : 11.4/7

-15.610+/-7.399 χ^2/NDF : 9.8/9

diff_bpm1X_rms vs Slug



Right In: 12739.262+/-5.291 χ^2/NDF : 406251.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

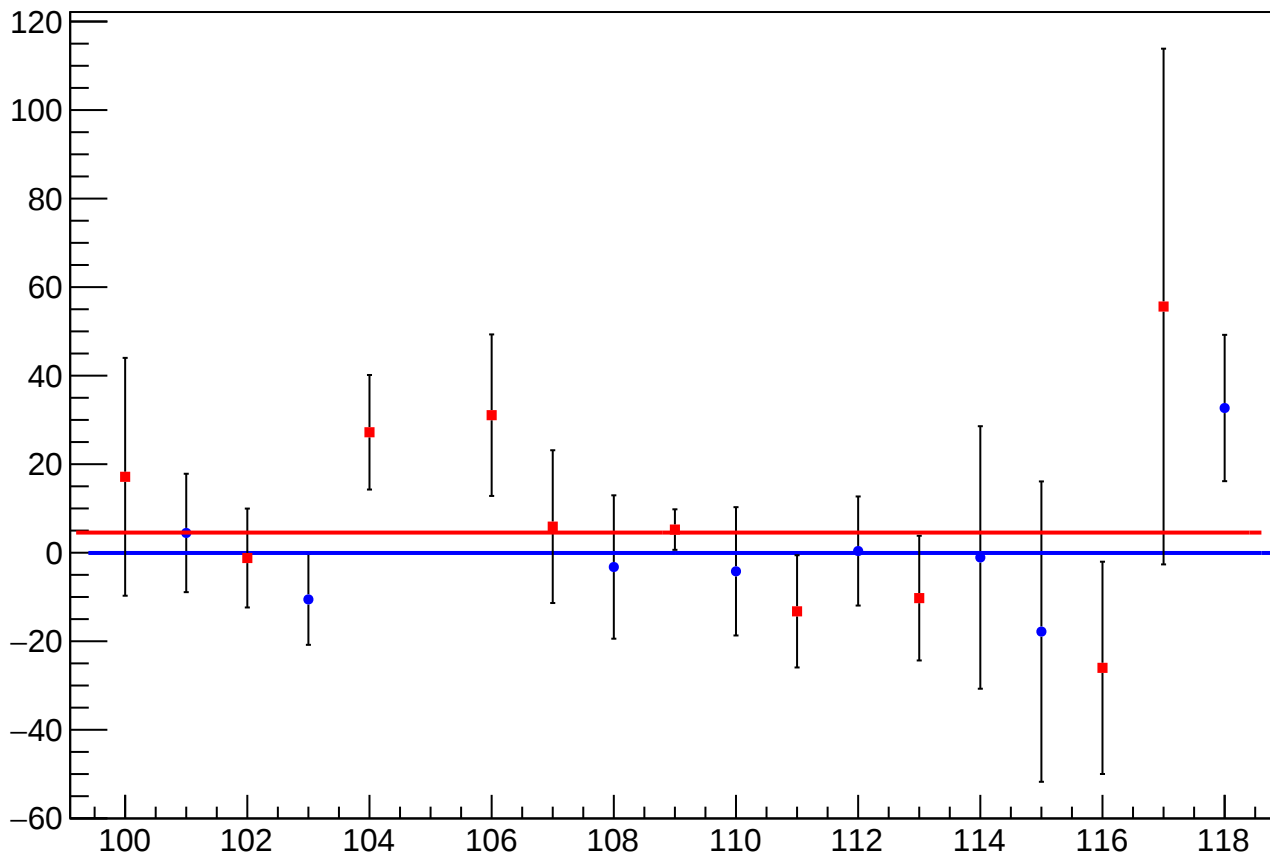
12739.262+/-5.291 χ^2/NDF : 406251.7/7

Right Out: 13318.314+/-5.232 χ^2/NDF : 388337.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13318.314+/-5.232 χ^2/NDF : 388337.8/9

diff_bpm1Y_mean vs Slug



Right In: -0.055 ± 5.277 χ^2/NDF : 5.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

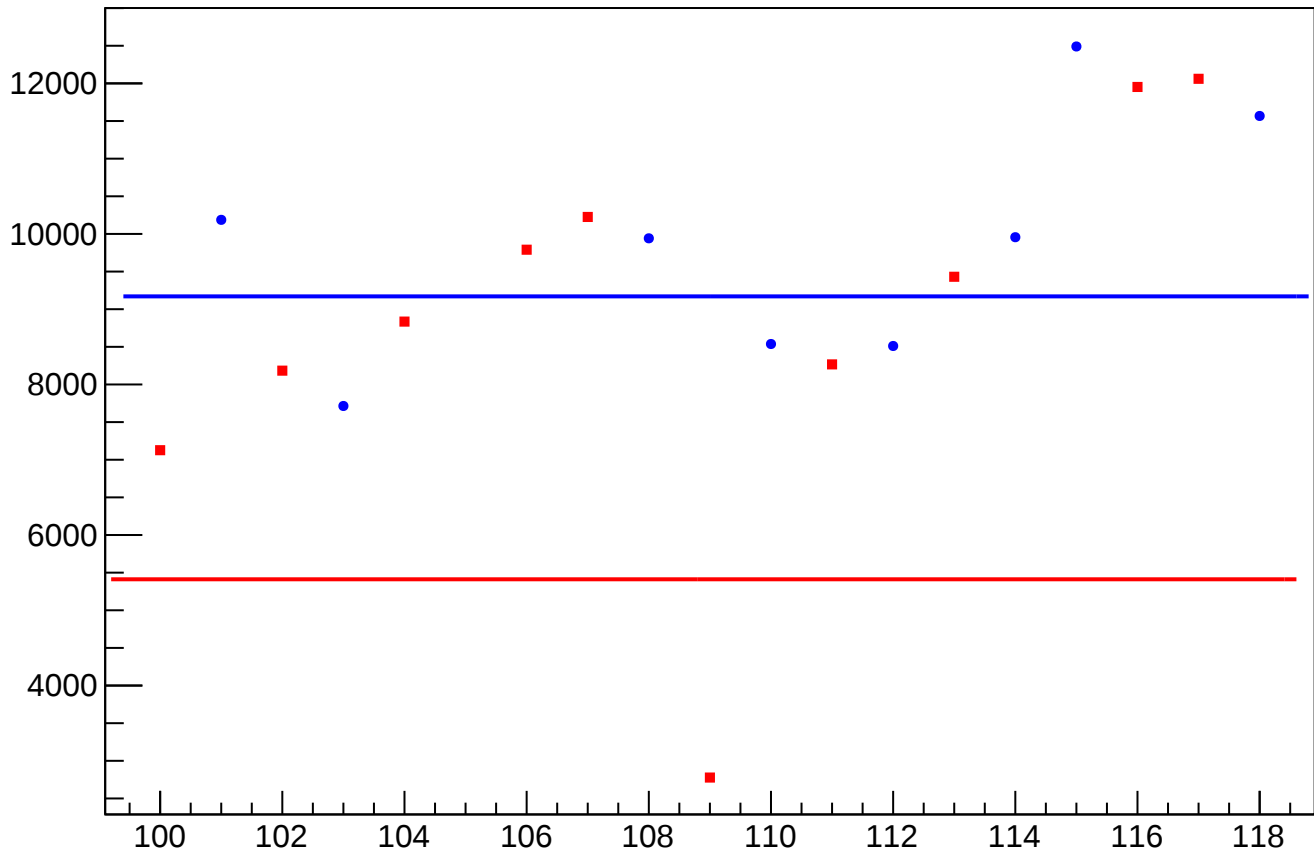
Right Out: 4.550 ± 3.476 χ^2/NDF : 11.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.055 ± 5.277 χ^2/NDF : 5.5/7

4.550 ± 3.476 χ^2/NDF : 11.2/9

diff_bpm1Y_rms vs Slug



Right In: 9170.371+/-3.731 χ^2/NDF : 128531.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

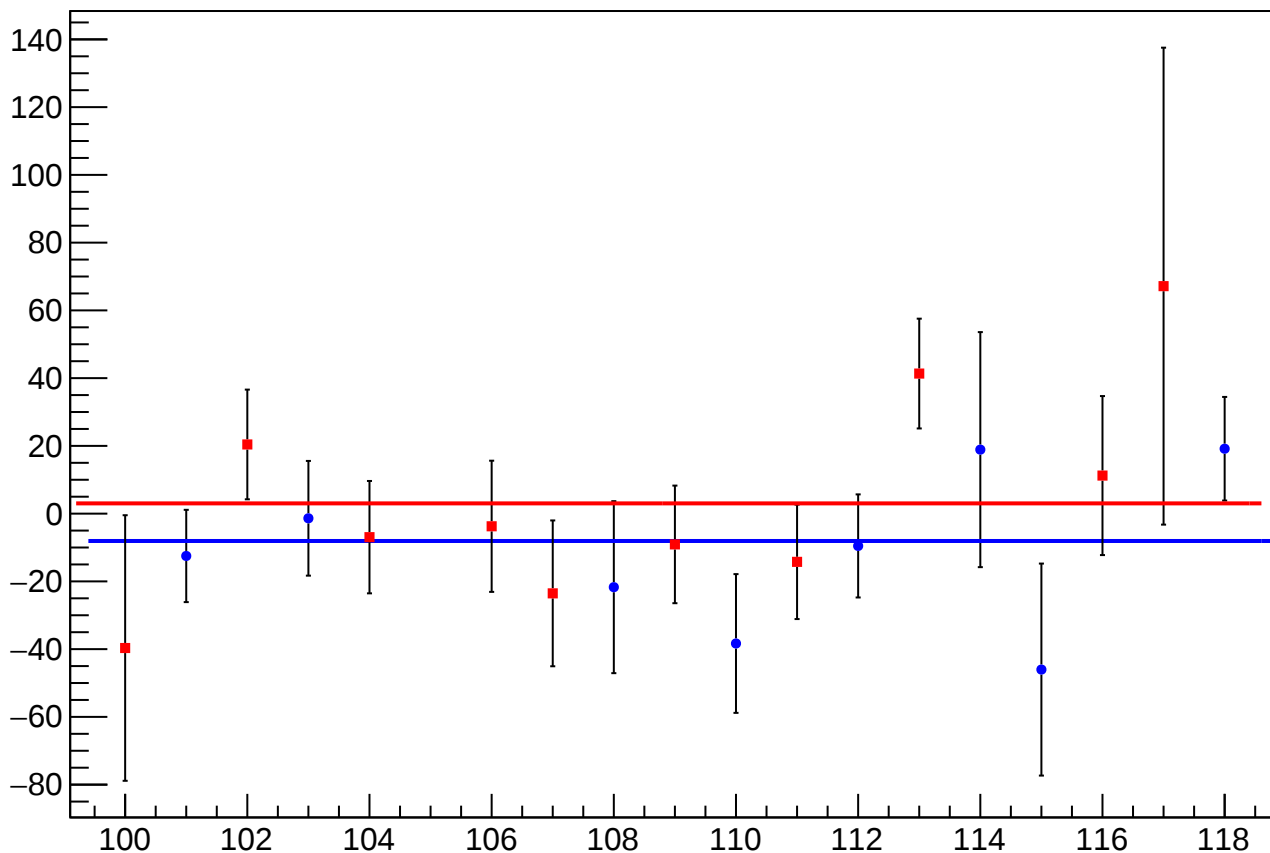
Right Out: 5411.727+/-2.458 χ^2/NDF : 1643465.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9170.371+/-3.731 χ^2/NDF : 128531.1/7

5411.727+/-2.458 χ^2/NDF : 1643465.7/9

diff_bpm11X_mean vs Slug



Right In: -8.074+/-6.557 χ^2/NDF : 8.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

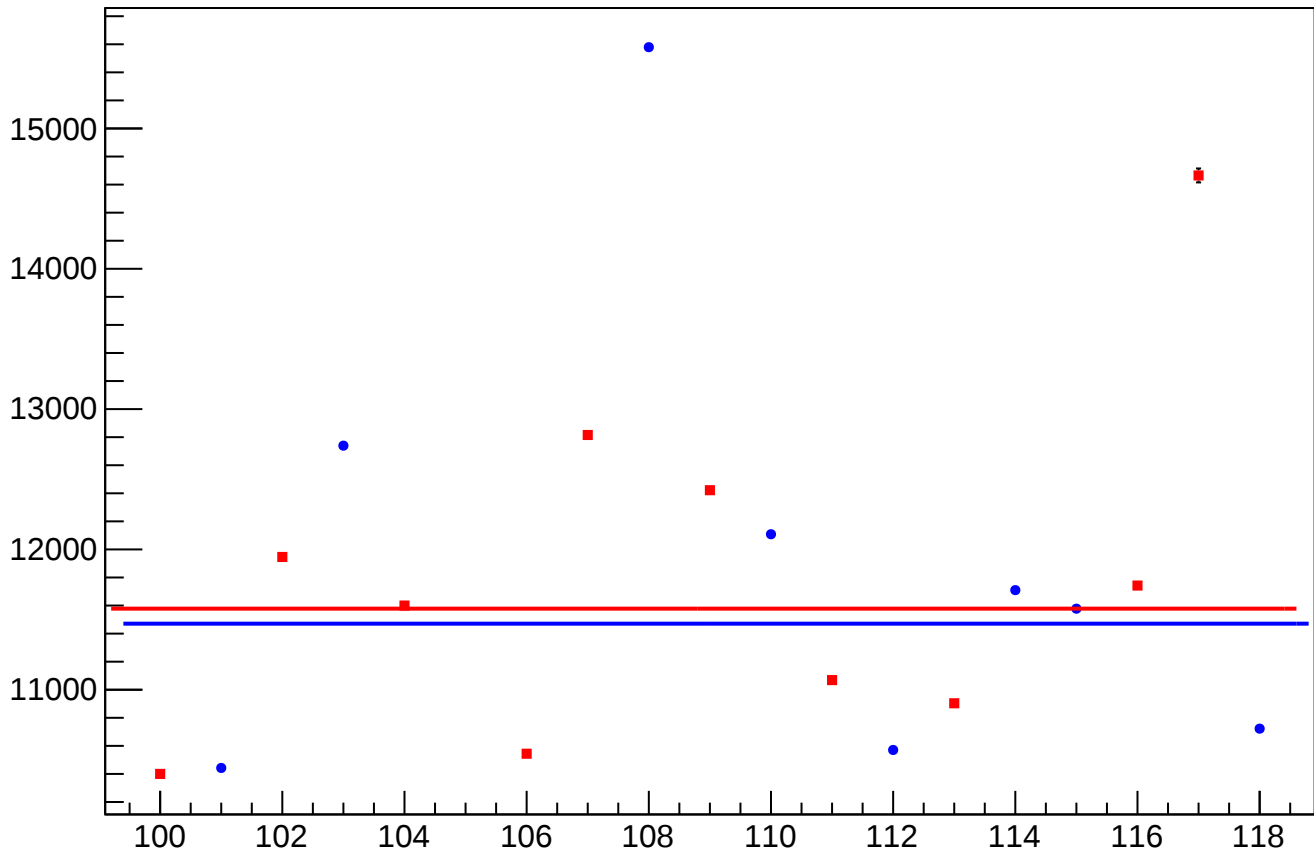
Right Out: 3.028+/-6.253 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.074+/-6.557 χ^2/NDF : 8.0/7

3.028+/-6.253 χ^2/NDF : 12.4/9

diff_bpm11X_rms vs Slug



Right In: 11470.896+/-4.637 χ^2/NDF : 88849.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

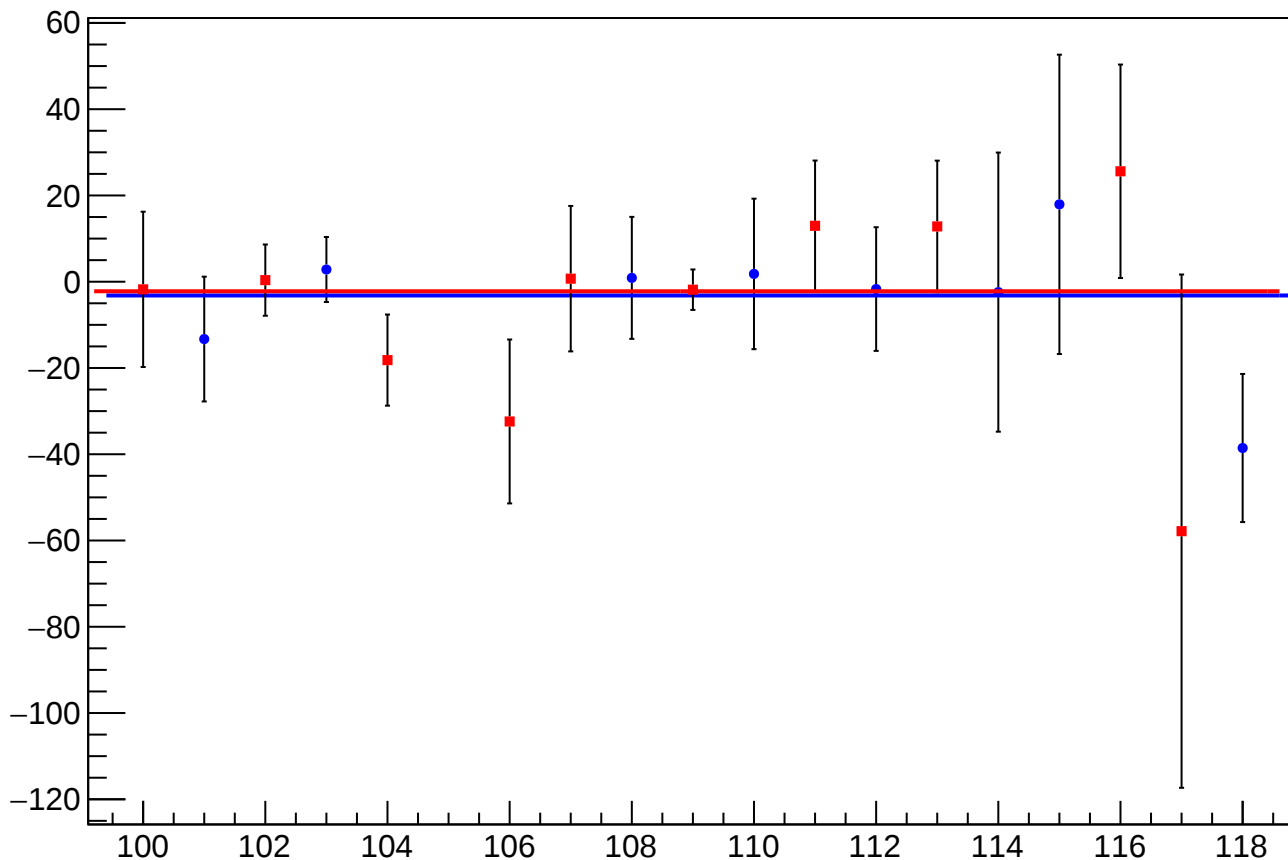
Right Out: 11578.009+/-4.421 χ^2/NDF : 29115.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11470.896+/-4.637 χ^2/NDF : 88849.3/7

11578.009+/-4.421 χ^2/NDF : 29115.3/9

diff_bpm11Y_mean vs Slug



Right In: -3.188+/-4.957 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

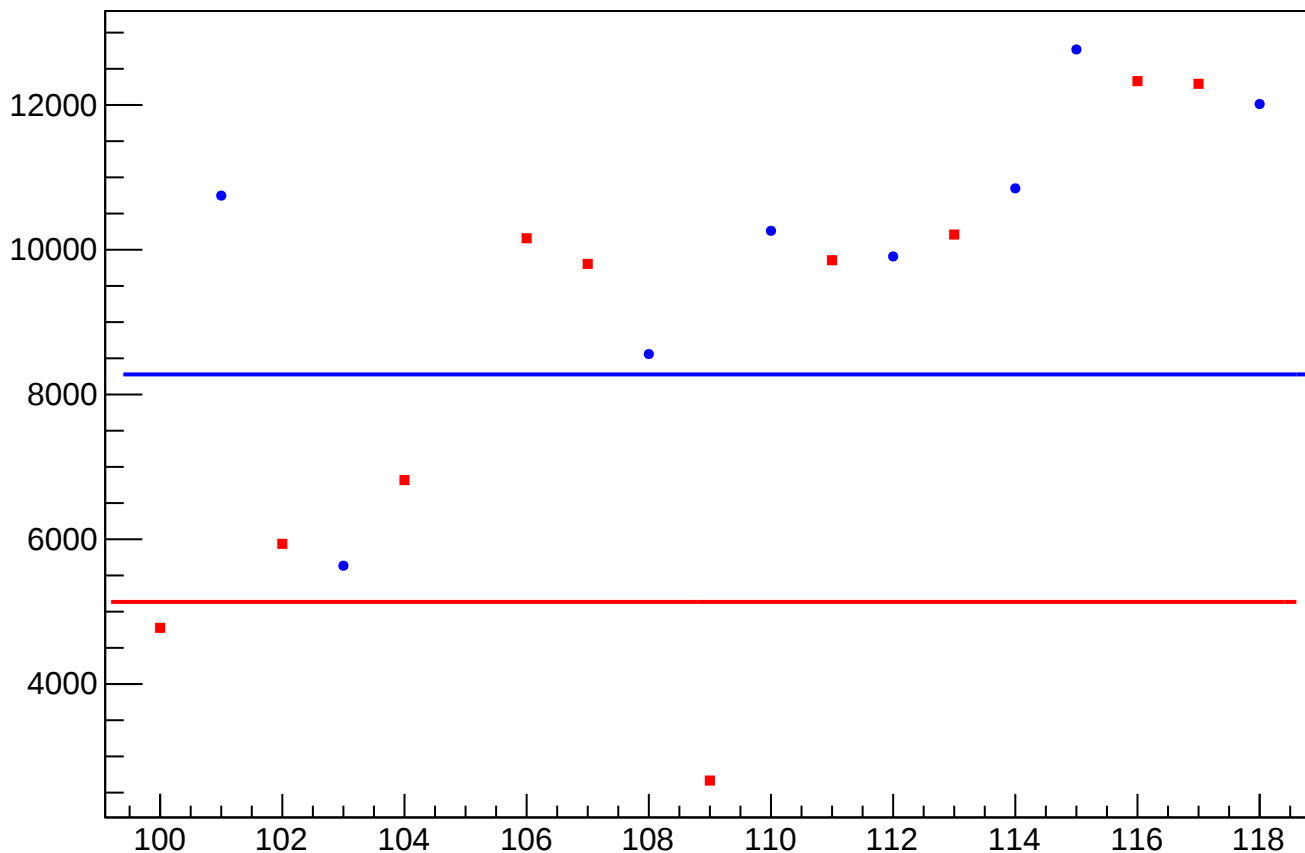
Right Out: -2.212+/-3.350 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.188+/-4.957 χ^2/NDF : 5.9/7

-2.212+/-3.350 χ^2/NDF : 9.1/9

diff_bpm11Y_rms vs Slug



Right In: 8277.720+/-3.505 χ^2/NDF : 497427.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

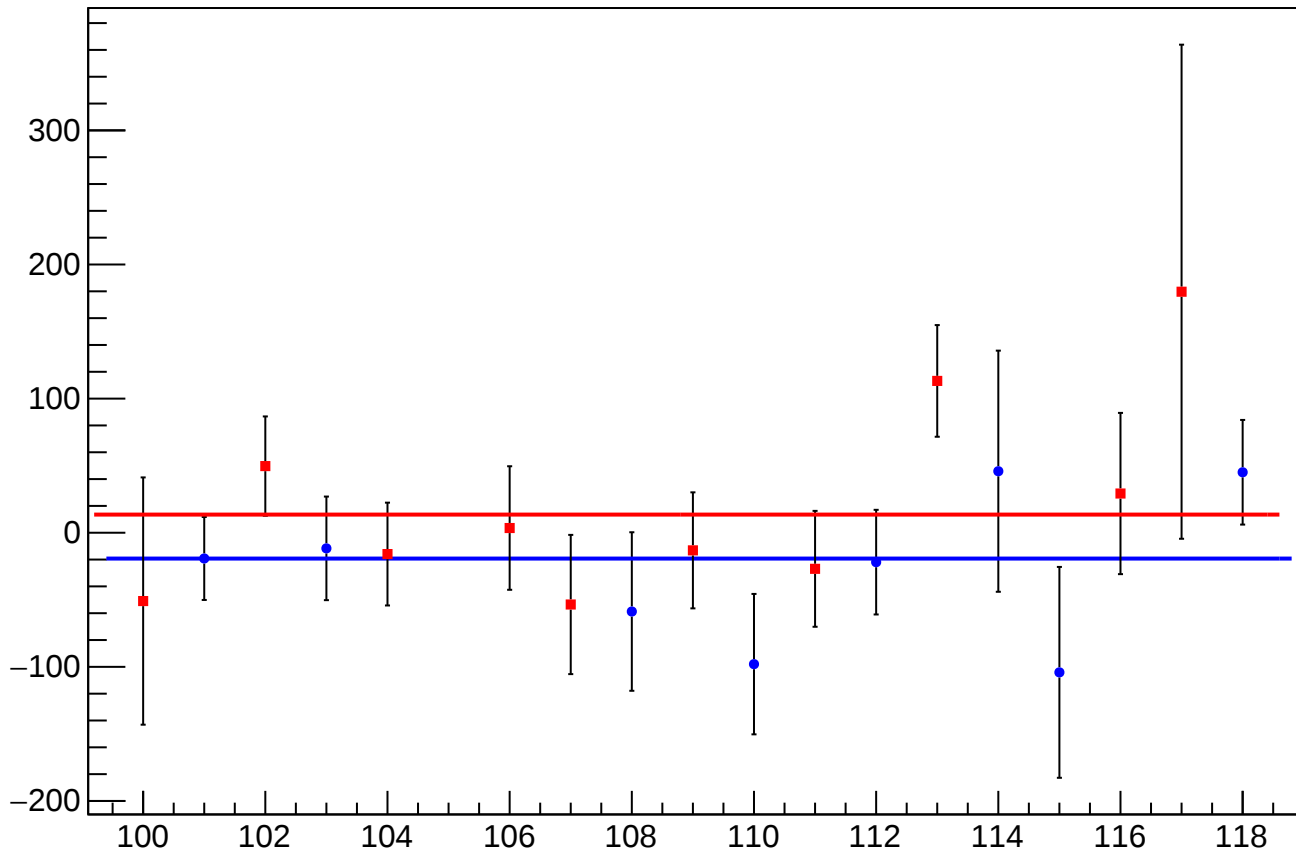
Right Out: 5134.517+/-2.369 χ^2/NDF : 1532373.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8277.720+/-3.505 χ^2/NDF : 497427.7/7

5134.517+/-2.369 χ^2/NDF : 1532373.2/9

diff_bpm12X_mean vs Slug



Right In: -19.263 ± 15.878 $\chi^2/\text{NDF}: 7.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

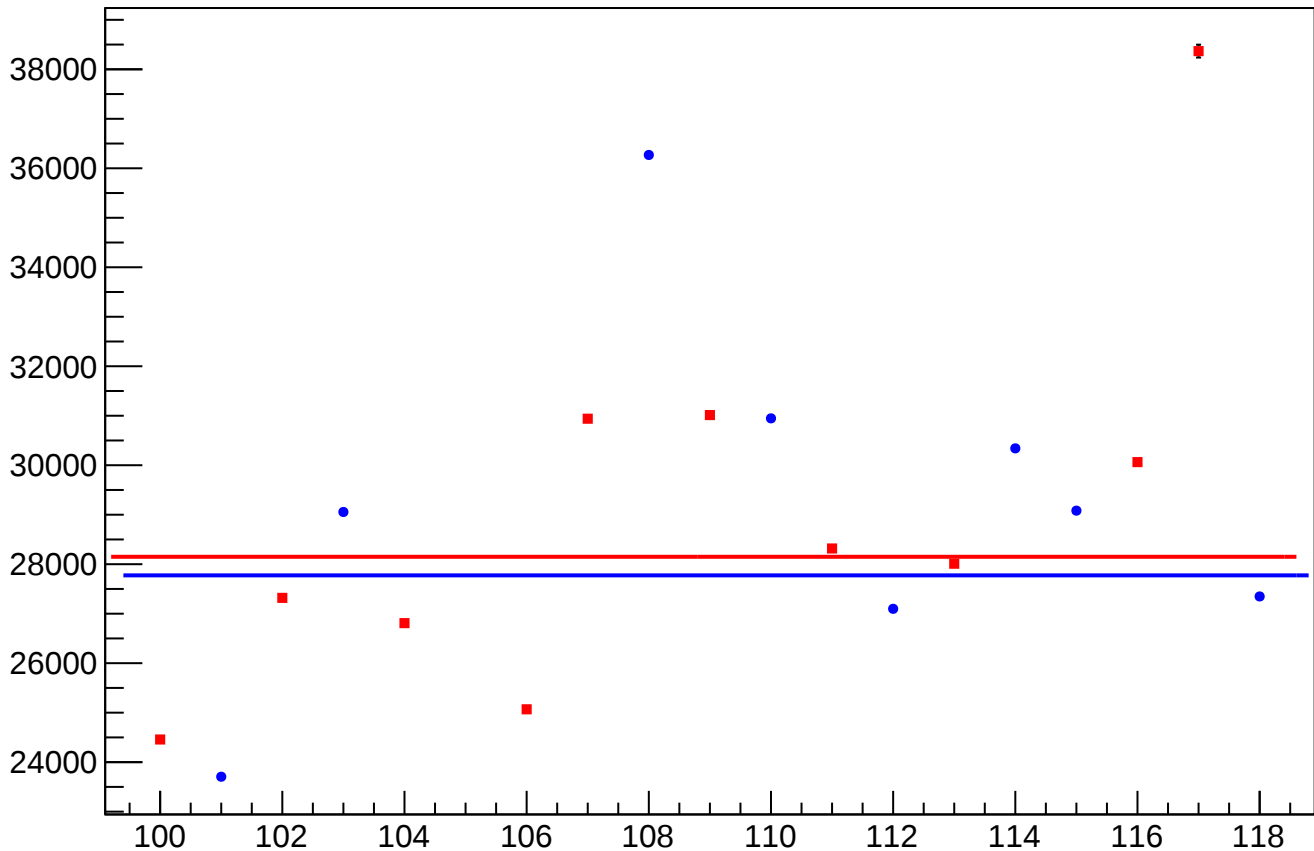
Right Out: 13.528 ± 15.208 $\chi^2/\text{NDF}: 11.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.263 ± 15.878 $\chi^2/\text{NDF}: 7.2/7$

13.528 ± 15.208 $\chi^2/\text{NDF}: 11.6/9$

diff_bpm12X_rms vs Slug



Right In: 27774.408+/-11.227 χ^2/NDF : 88492.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

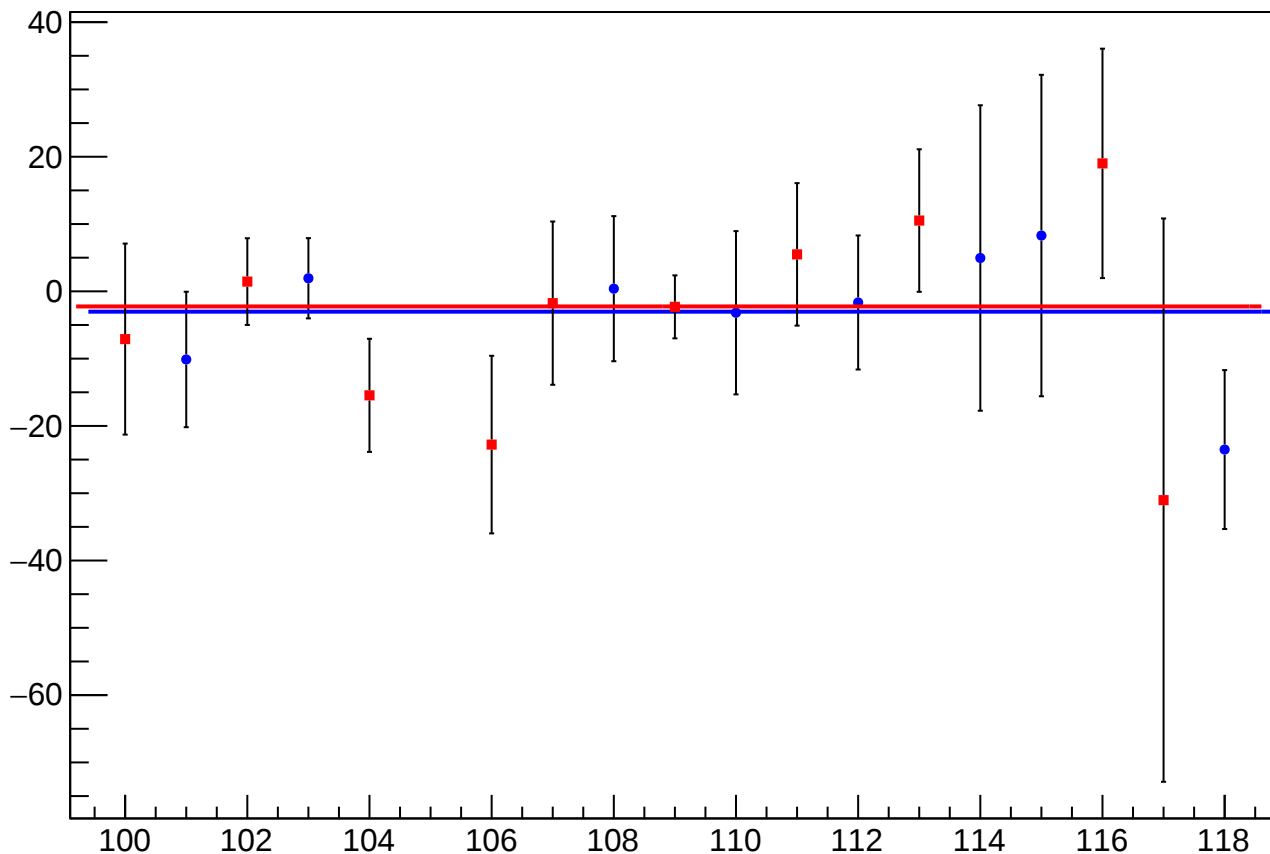
Right Out: 28149.899+/-10.754 χ^2/NDF : 38390.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27774.408+/-11.227 χ^2/NDF : 88492.0/7

28149.899+/-10.754 χ^2/NDF : 38390.0/9

diff_bpm12Y_mean vs Slug



Right In: -3.022+/-3.667 χ^2 /NDF: 4.7/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

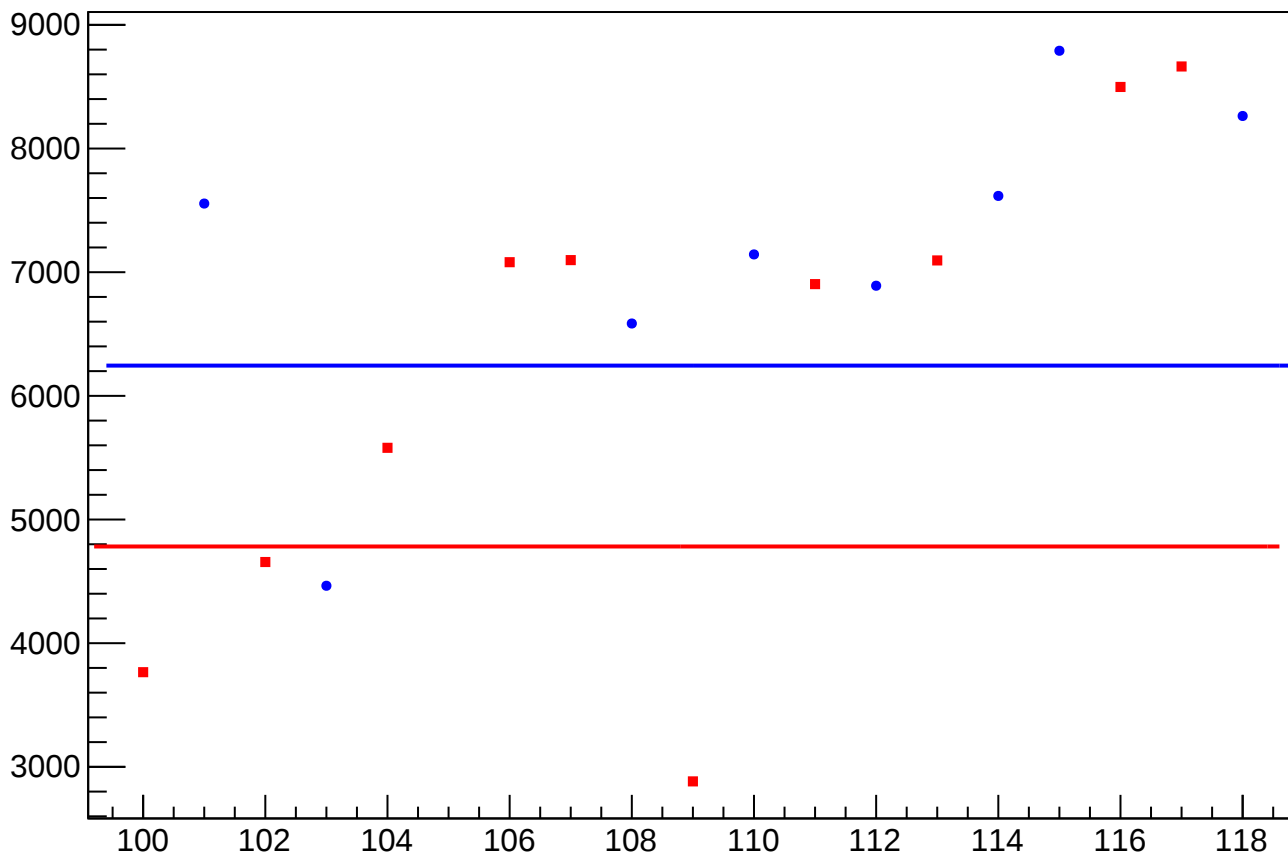
Right Out: -2.244+/-2.848 χ^2 /NDF: 9.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3.022+/-3.667 χ^2 /NDF: 4.7/7

-2.244+/-2.848 χ^2 /NDF: 9.4/9

diff_bpm12Y_rms vs Slug



Right In: 6244.696 $\pm$ 2.593 χ^2 /NDF: 322173.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

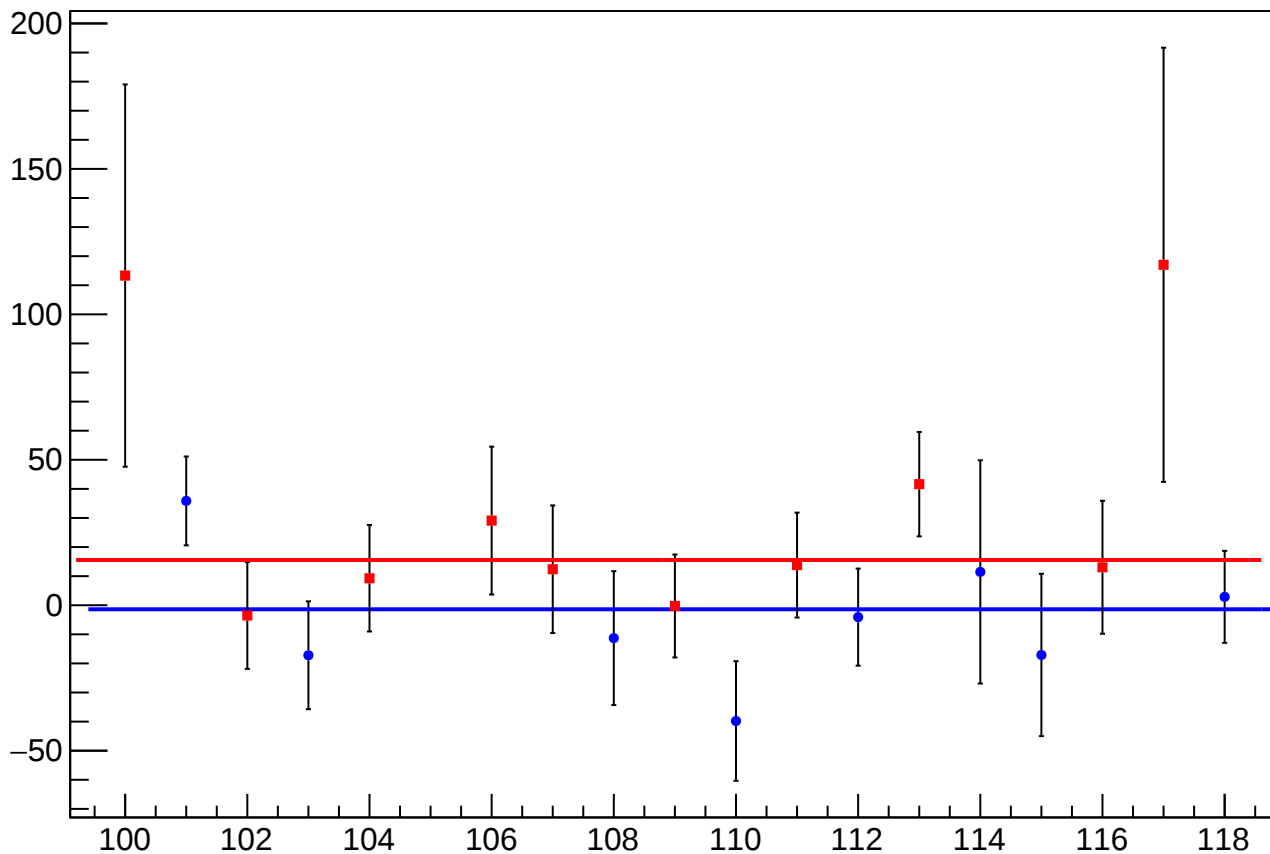
Right Out: 4782.024 $\pm$ 2.014 χ^2 /NDF: 780147.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6244.696 $\pm$ 2.593 χ^2 /NDF: 322173.5/7

4782.024 $\pm$ 2.014 χ^2 /NDF: 780147.6/9

diff_bpm16X_mean vs Slug



Right In: -1.391+/-6.899 χ^2 /NDF: 10.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

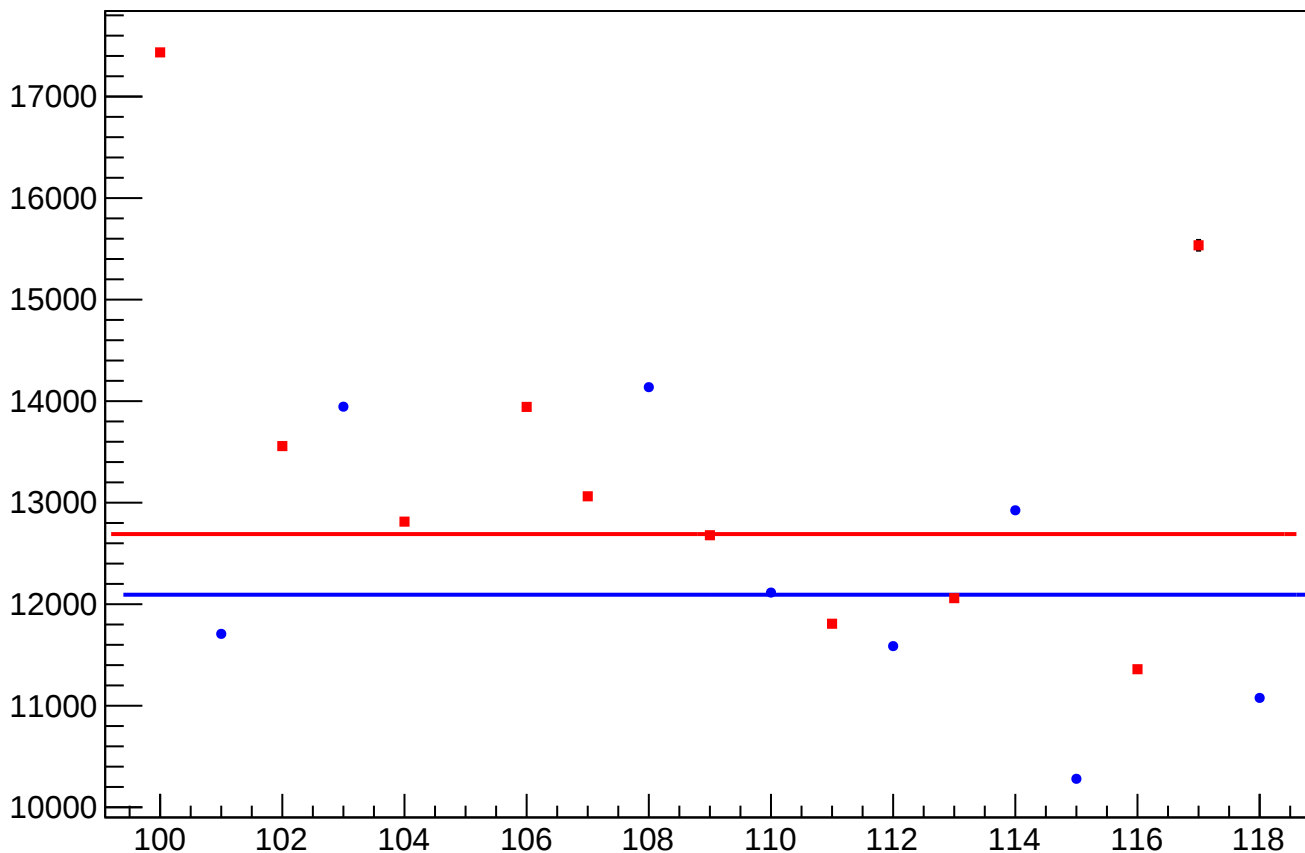
Right Out: 15.563+/-6.855 χ^2 /NDF: 8.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.391+/-6.899 χ^2 /NDF: 10.9/7

15.563+/-6.855 χ^2 /NDF: 8.5/9

diff_bpm16X_rms vs Slug



Right In: 12093.440 $\pm$ 4.879 χ^2 /NDF: 56525.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

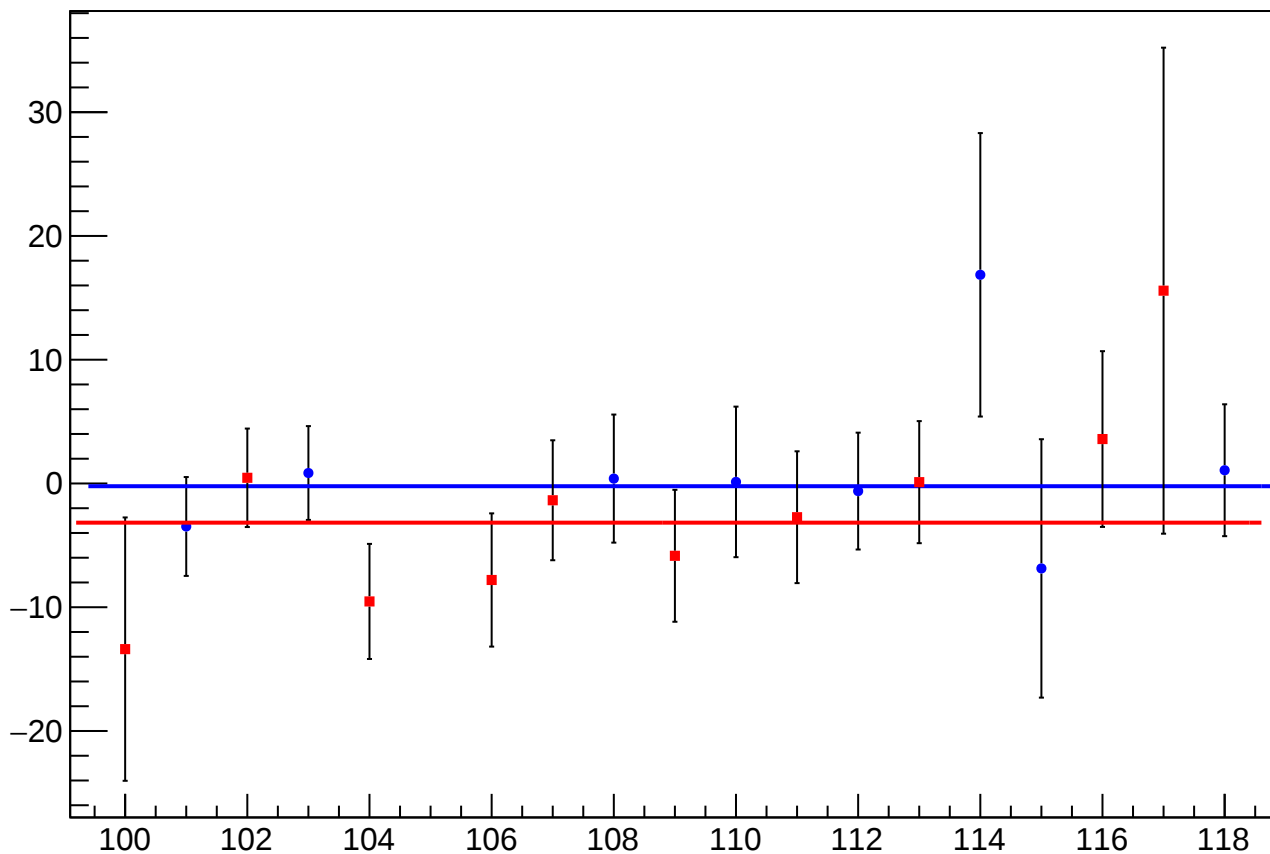
Right Out: 12690.770 $\pm$ 4.847 χ^2 /NDF: 37366.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12093.440 $\pm$ 4.879 χ^2 /NDF: 56525.4/7

12690.770 $\pm$ 4.847 χ^2 /NDF: 37366.5/9

diff_bpm16Y_mean vs Slug



Right In: -0.222 ± 1.846 χ^2/NDF : 3.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

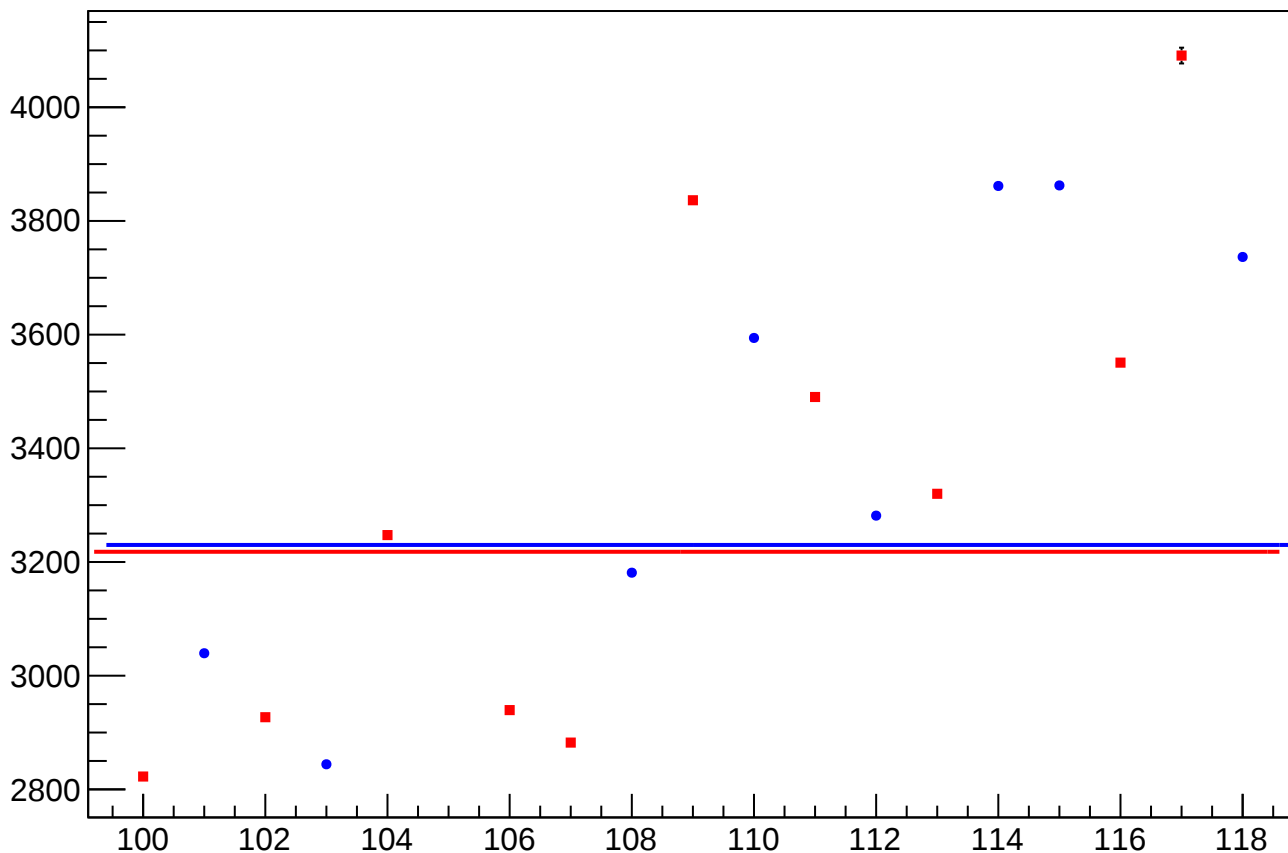
Right Out: -3.167 ± 1.742 χ^2/NDF : 7.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.222 ± 1.846 χ^2/NDF : 3.5/7

-3.167 ± 1.742 χ^2/NDF : 7.0/9

diff_bpm16Y_rms vs Slug



Right In: 3230.015 $\pm$ 1.305 χ^2 /NDF: 64372.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

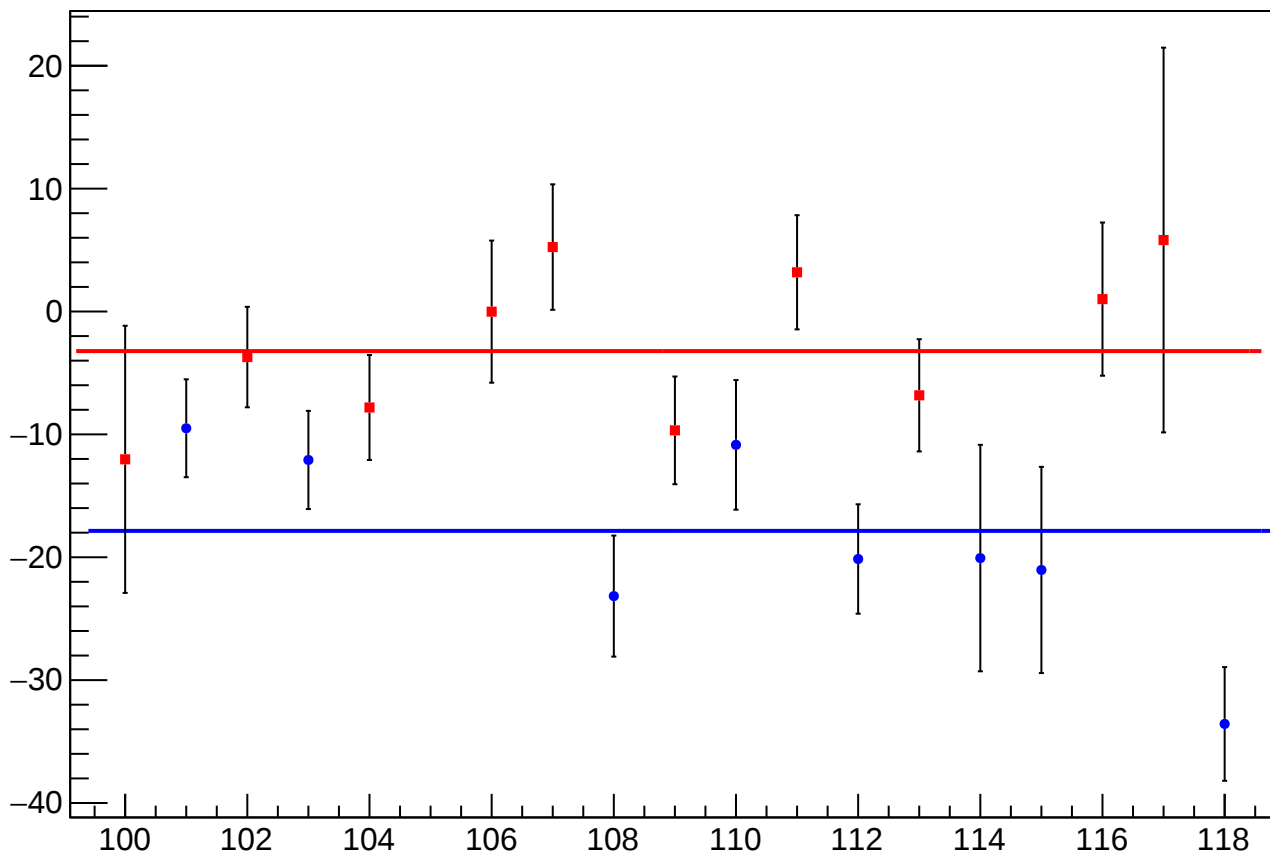
Right Out: 3218.002 $\pm$ 1.232 χ^2 /NDF: 69851.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

3230.015 $\pm$ 1.305 χ^2 /NDF: 64372.3/7

3218.002 $\pm$ 1.232 χ^2 /NDF: 69851.0/9

diff_bpm0l01X_mean vs Slug



Right In: -17.854+/-1.752 χ^2/NDF : 21.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

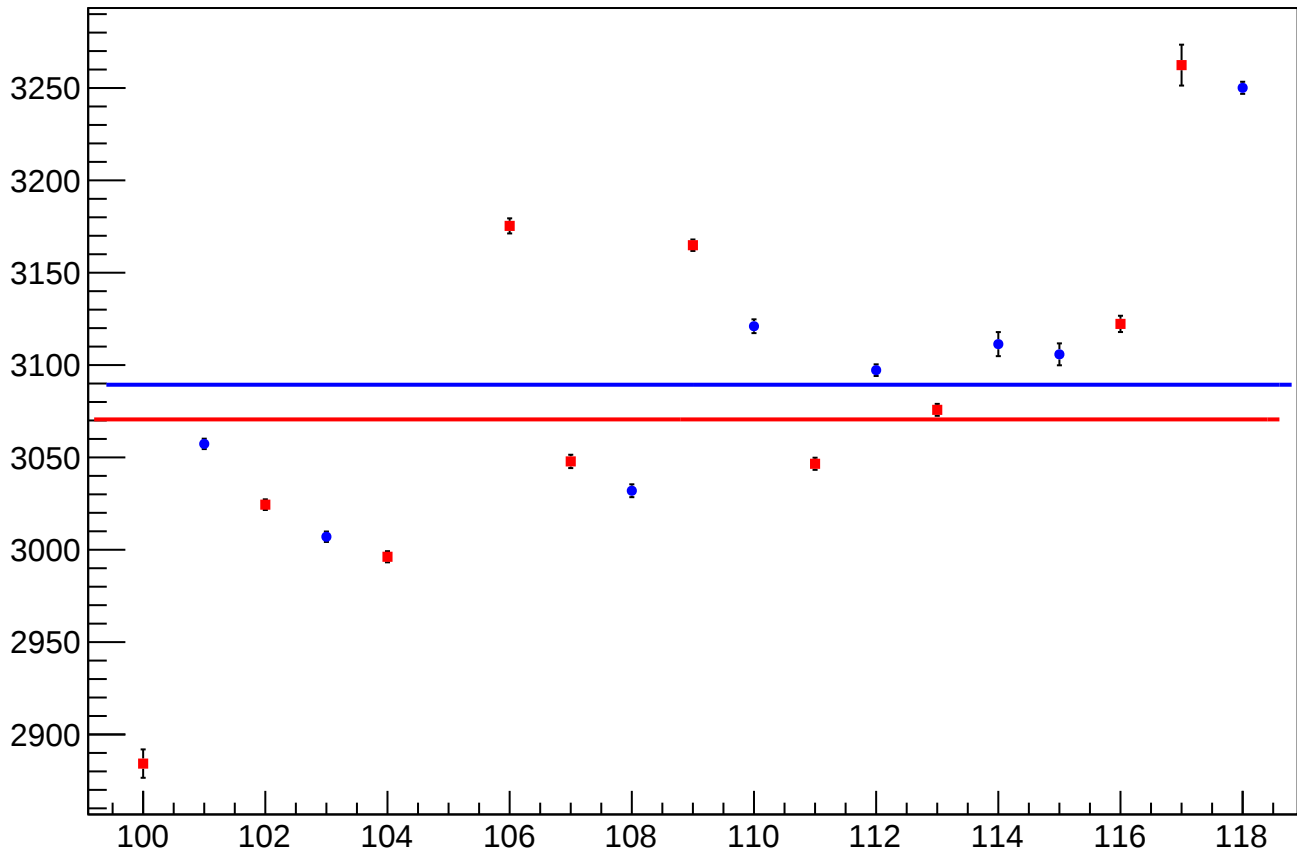
Right Out: -3.223+/-1.649 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-17.854+/-1.752 χ^2/NDF : 21.4/7

-3.223+/-1.649 χ^2/NDF : 10.4/9

diff_bpm0l01X_rms vs Slug



Right In: 3089.349 $\pm$ 1.239 χ^2 /NDF: 3760.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

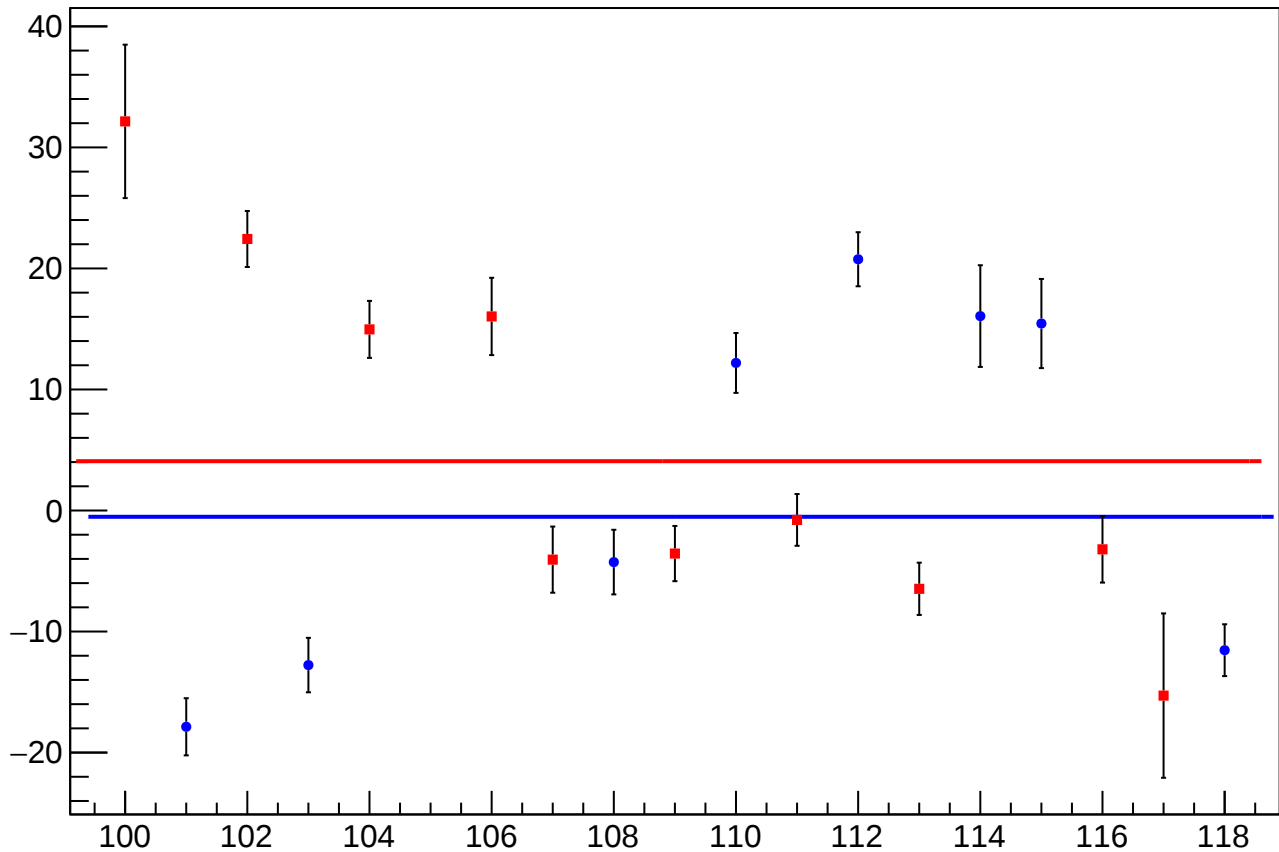
Right Out: 3070.573 $\pm$ 1.166 χ^2 /NDF: 3565.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3089.349 $\pm$ 1.239 χ^2 /NDF: 3760.4/7

3070.573 $\pm$ 1.166 χ^2 /NDF: 3565.5/9

diff_bpm0l01Y_mean vs Slug



Right In: -0.519+/-0.902 χ^2 /NDF: 263.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

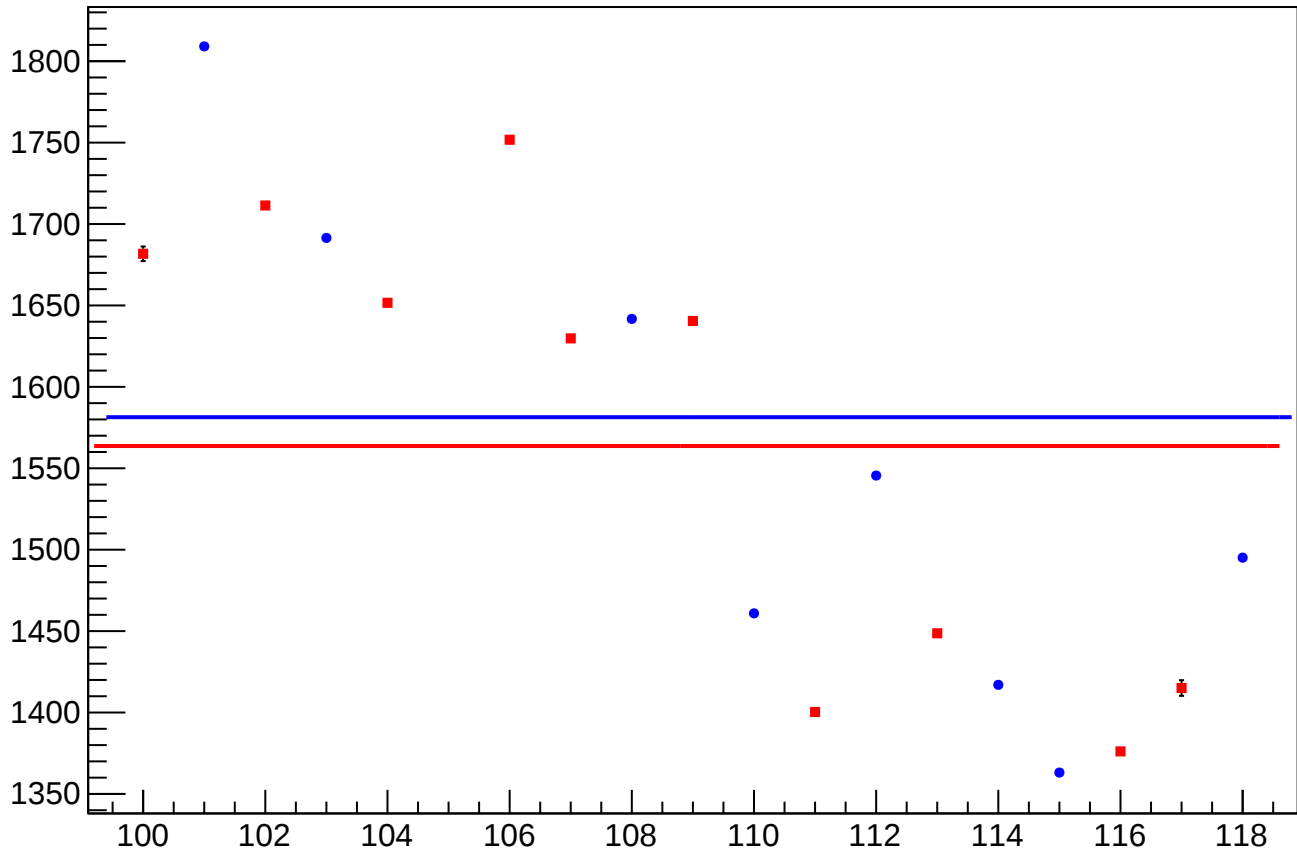
Right Out: 4.075+/-0.844 χ^2 /NDF: 182.1/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.519+/-0.902 χ^2 /NDF: 263.6/7

4.075+/-0.844 χ^2 /NDF: 182.1/9

diff_bpm0l01Y_rms vs Slug



Right In: 1581.368 $\pm$ 0.638 χ^2 /NDF: 42985.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

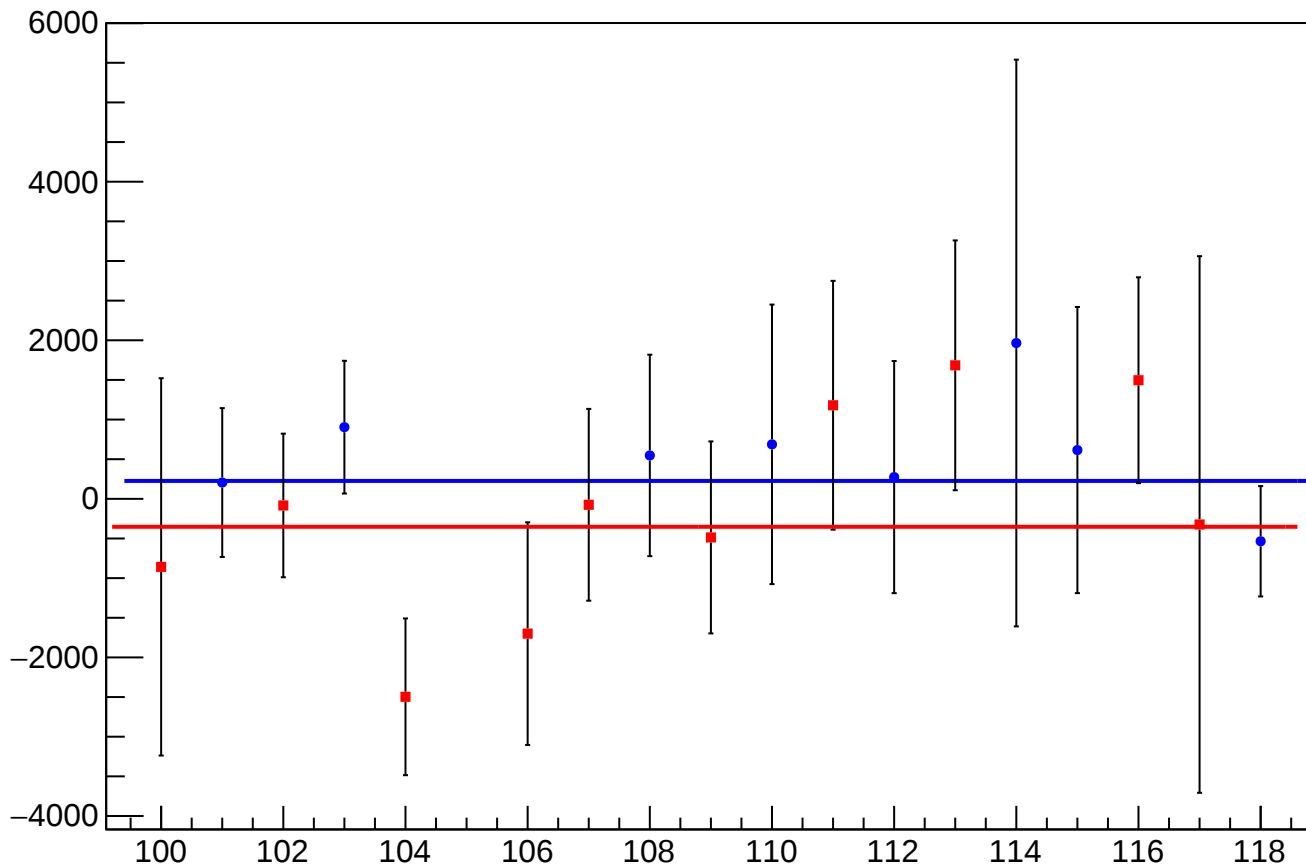
Right Out: 1563.669 $\pm$ 0.597 χ^2 /NDF: 49610.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1581.368 $\pm$ 0.638 χ^2 /NDF: 42985.6/7

1563.669 $\pm$ 0.597 χ^2 /NDF: 49610.4/9

asym_sam1_mean vs Slug



Right In: 226.042+/-394.663 χ^2/NDF : 2.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

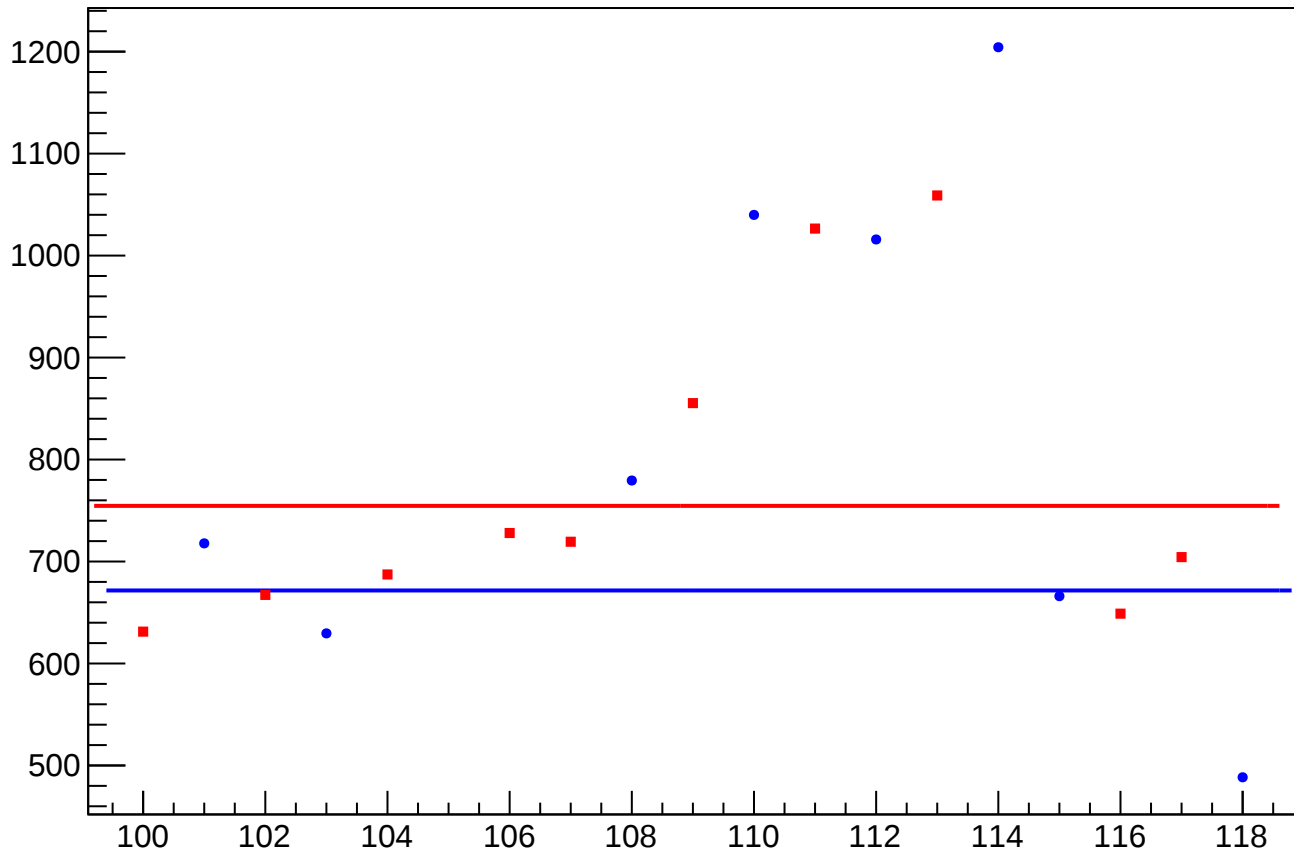
Right Out: -352.248+/-415.879 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

226.042+/-394.663 χ^2/NDF : 2.3/7

-352.248+/-415.879 χ^2/NDF : 10.5/9

asym_sam1_rms vs Slug



Right In: 671.617+/-0.279 χ^2/NDF : 405215.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

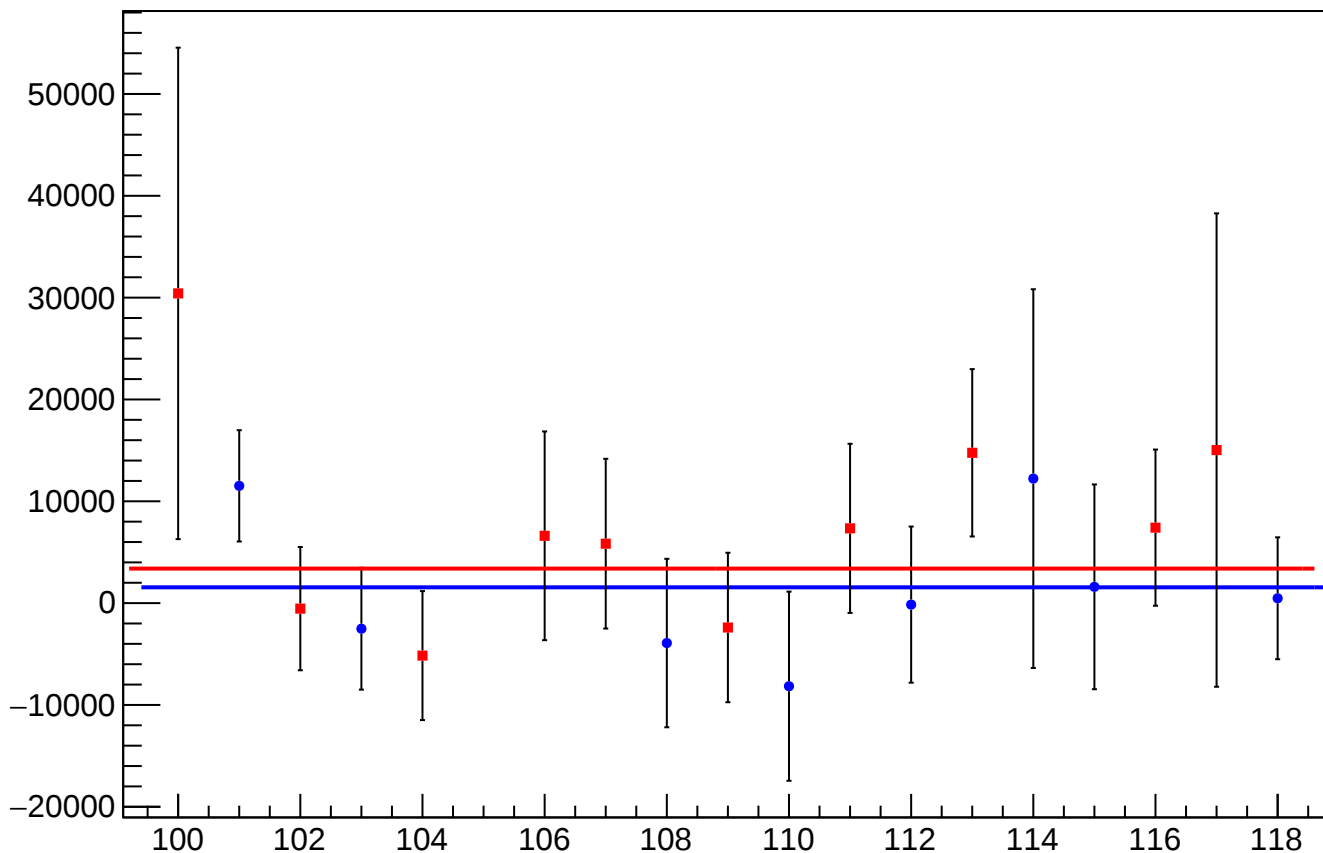
Right Out: 754.582+/-0.294 χ^2/NDF : 197892.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

671.617+/-0.279 χ^2/NDF : 405215.3/7

754.582+/-0.294 χ^2/NDF : 197892.4/9

asym_sam2_mean vs Slug



Right In: 1551.845 $\pm$ 2623.220 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

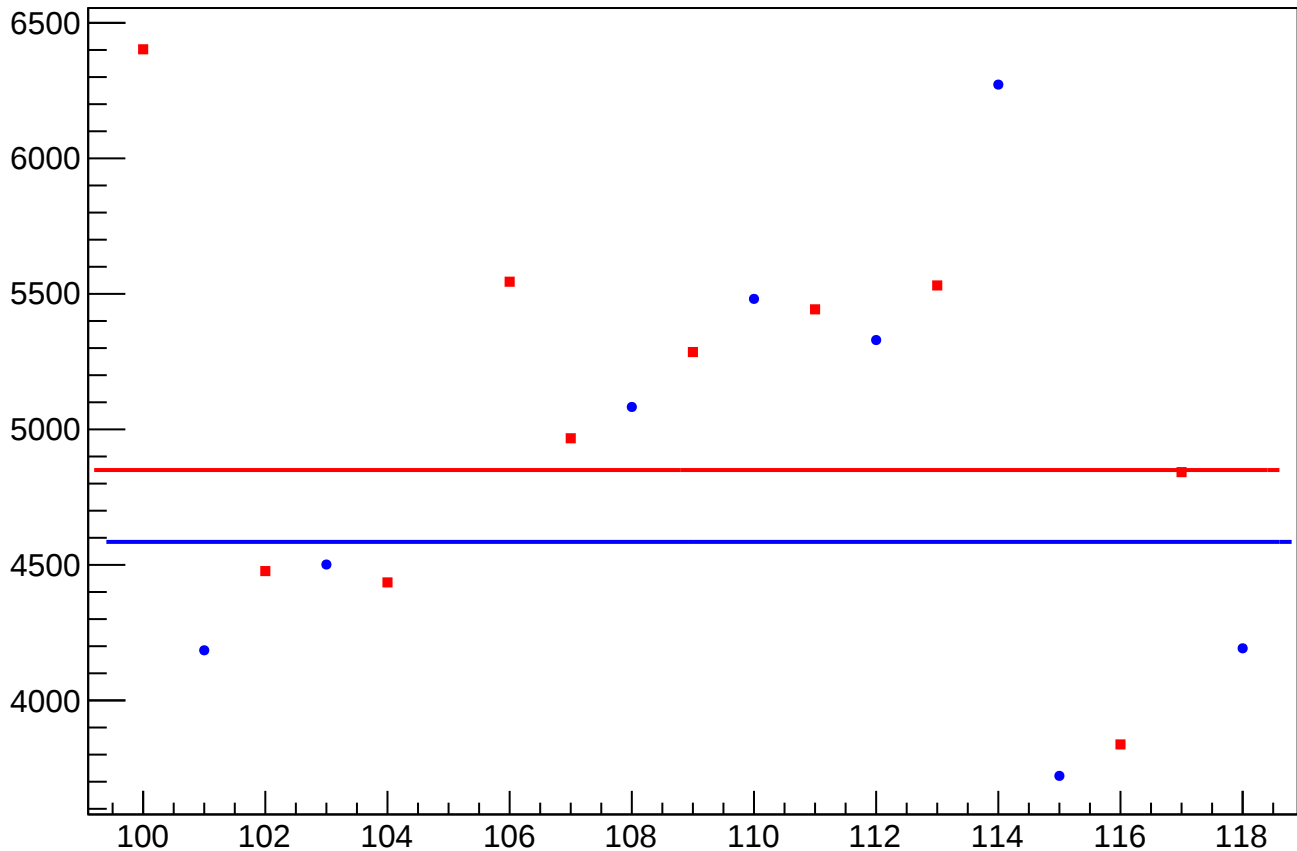
Right Out: 3391.963 $\pm$ 2630.070 χ^2 /NDF: 7.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1551.845 $\pm$ 2623.220 χ^2 /NDF: 5.7/7

3391.963 $\pm$ 2630.070 χ^2 /NDF: 7.0/9

asym_sam2_rms vs Slug



Right In: 4584.909+/-1.855 χ^2/NDF : 95676.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

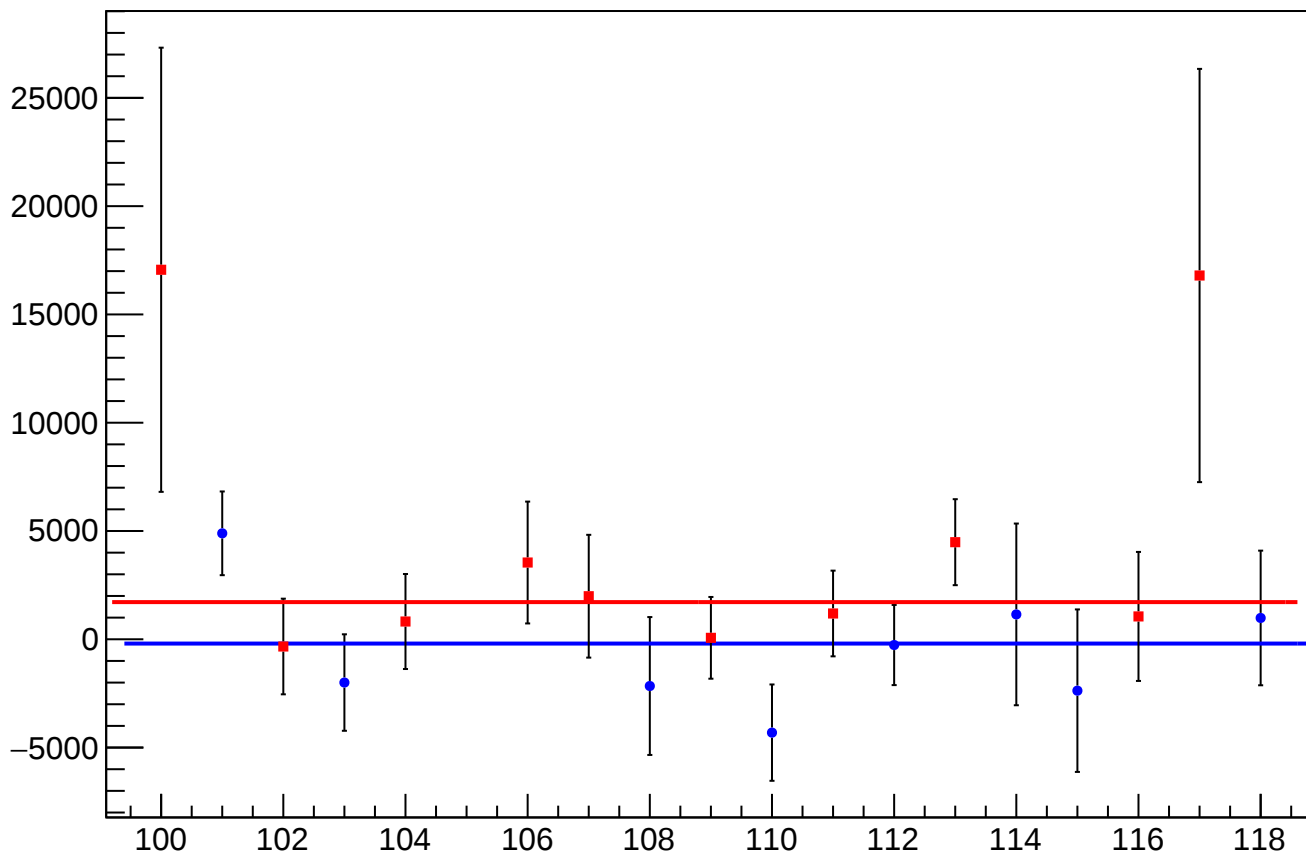
Right Out: 4850.020+/-1.860 χ^2/NDF : 99845.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4584.909+/-1.855 χ^2/NDF : 95676.0/7

4850.020+/-1.860 χ^2/NDF : 99845.8/9

asym_sam3_mean vs Slug



Right In: -197.964+/-879.288 χ^2/NDF : 12.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

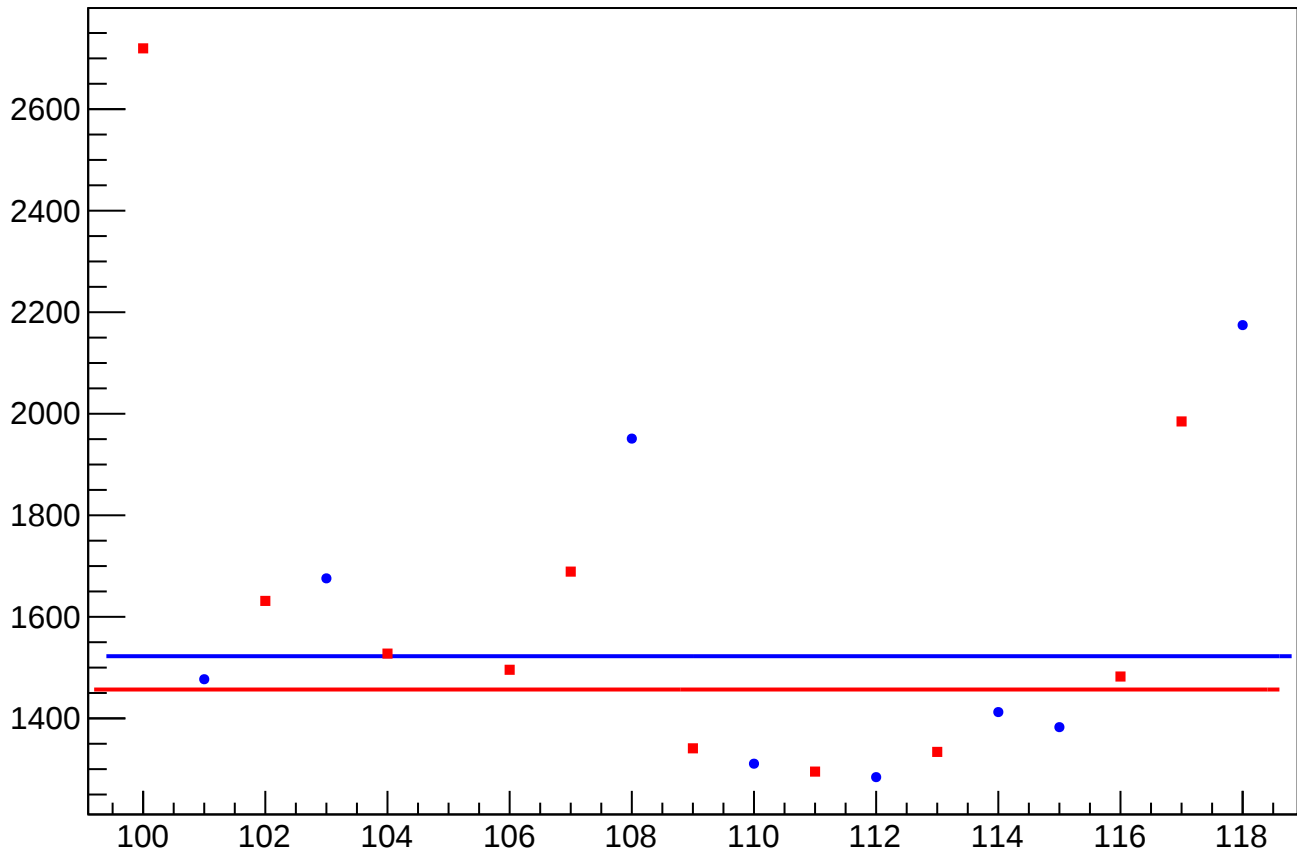
Right Out: 1716.366+/-793.843 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-197.964+/-879.288 χ^2/NDF : 12.0/7

1716.366+/-793.843 χ^2/NDF : 9.0/9

asym_sam3_rms vs Slug



Right In: 1522.456 $\pm$ 0.622 χ^2 /NDF: 190265.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

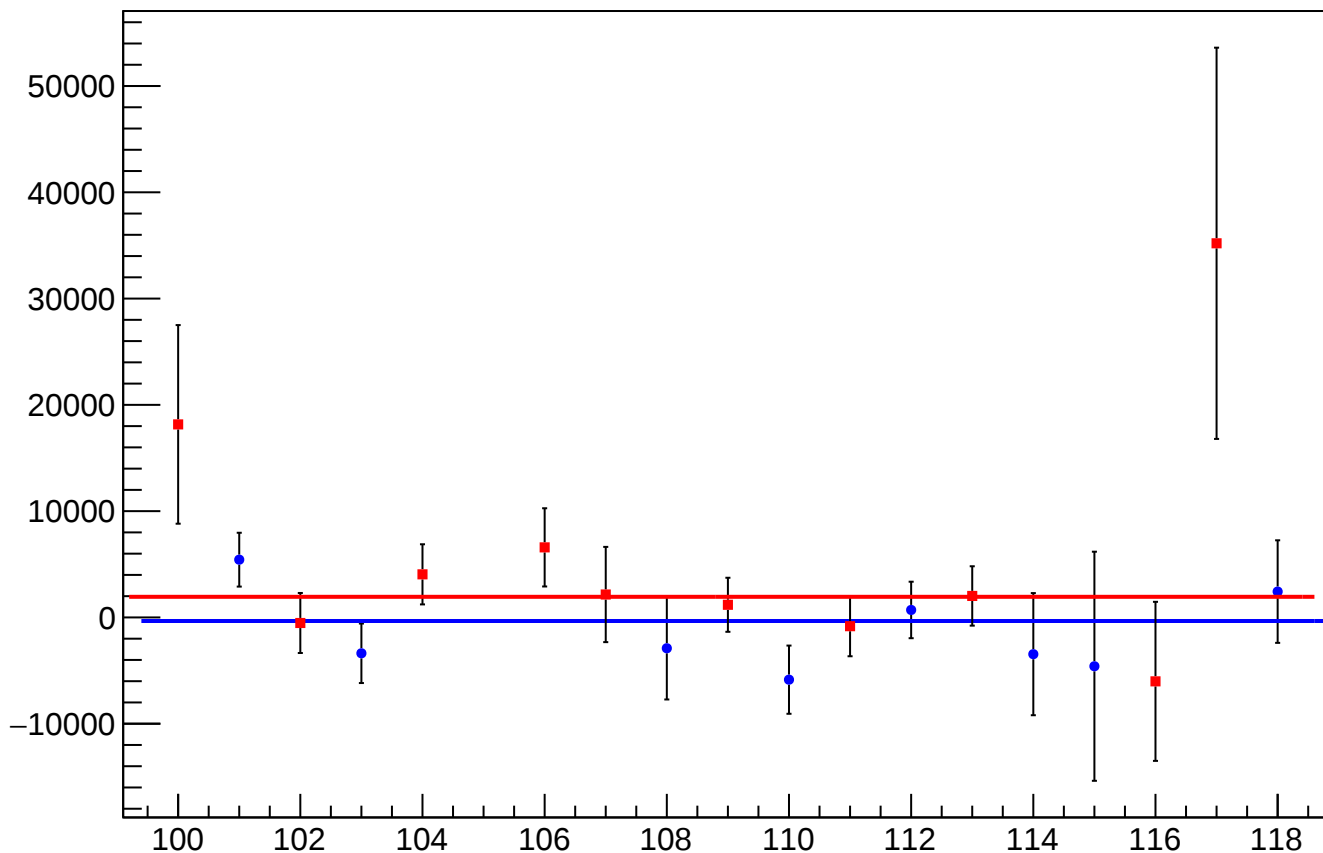
Right Out: 1456.832 $\pm$ 0.561 χ^2 /NDF: 93534.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1522.456 $\pm$ 0.622 χ^2 /NDF: 190265.2/7

1456.832 $\pm$ 0.561 χ^2 /NDF: 93534.9/9

asym_sam4_mean vs Slug



Right In: -336.138+/-1243.160 χ^2/NDF : 10.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

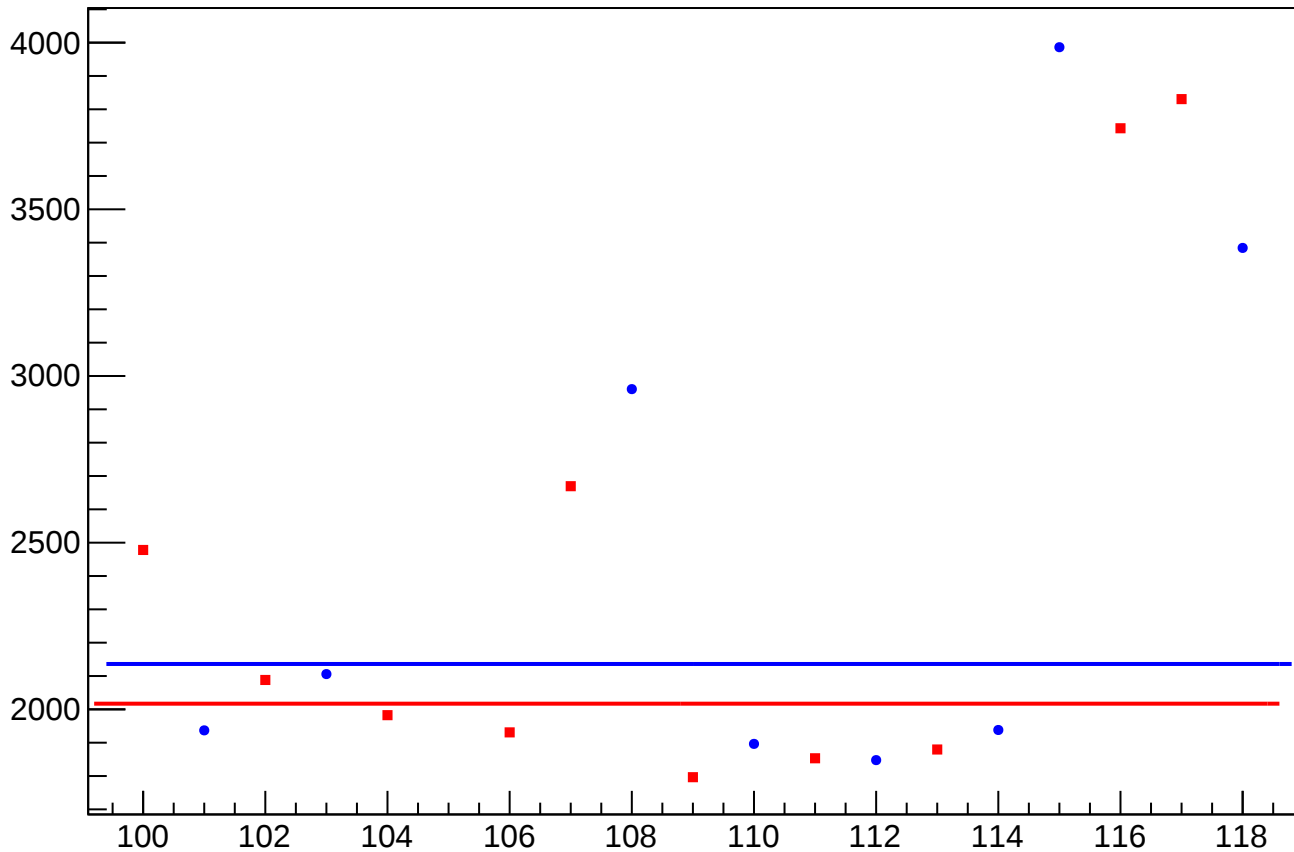
Right Out: 1940.050+/-1108.326 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-336.138+/-1243.160 χ^2/NDF : 10.5/7

1940.050+/-1108.326 χ^2/NDF : 11.4/9

asym_sam4_rms vs Slug



Right In: 2136.115 $\pm$ 0.879 χ^2 /NDF: 300942.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

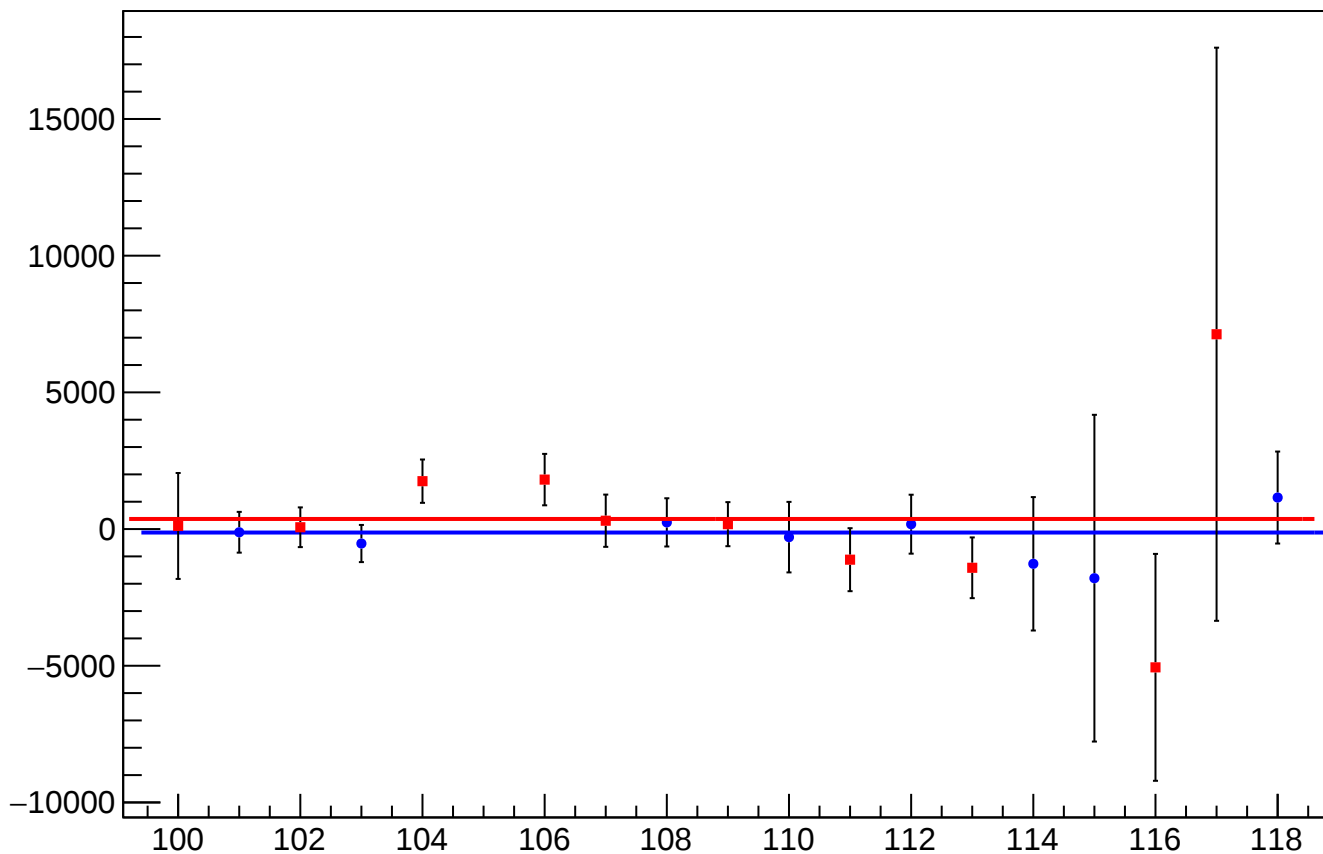
Right Out: 2017.030 $\pm$ 0.784 χ^2 /NDF: 202366.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2136.115 $\pm$ 0.879 χ^2 /NDF: 300942.0/7

2017.030 $\pm$ 0.784 χ^2 /NDF: 202366.4/9

asym_sam5_mean vs Slug



Right In: -127.092+/-371.143 χ^2/NDF : 1.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

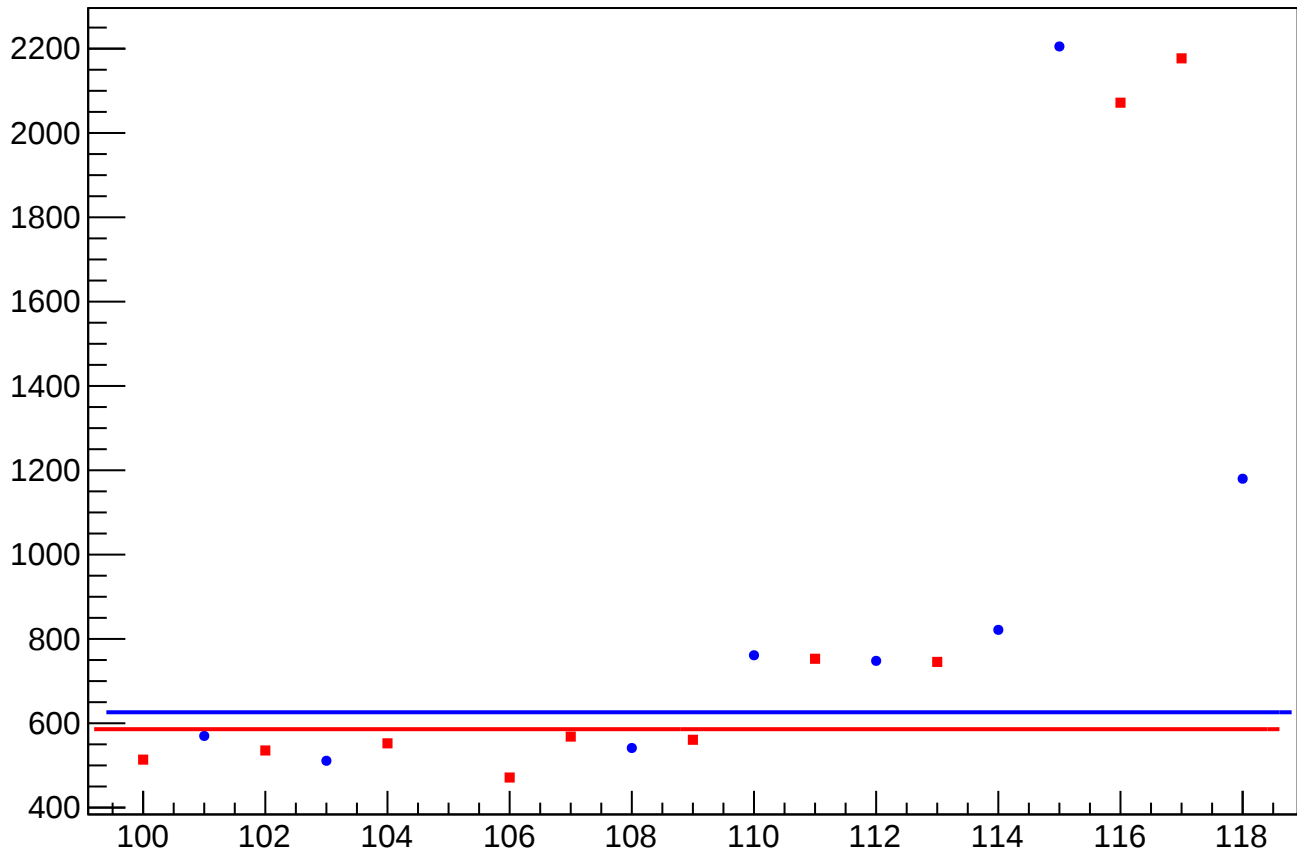
Right Out: 369.214+/-330.624 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-127.092+/-371.143 χ^2/NDF : 1.5/7

369.214+/-330.624 χ^2/NDF : 12.0/9

asym_sam5_rms vs Slug



Right In: 626.091 $\pm$ 0.262 χ^2 /NDF: 503938.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

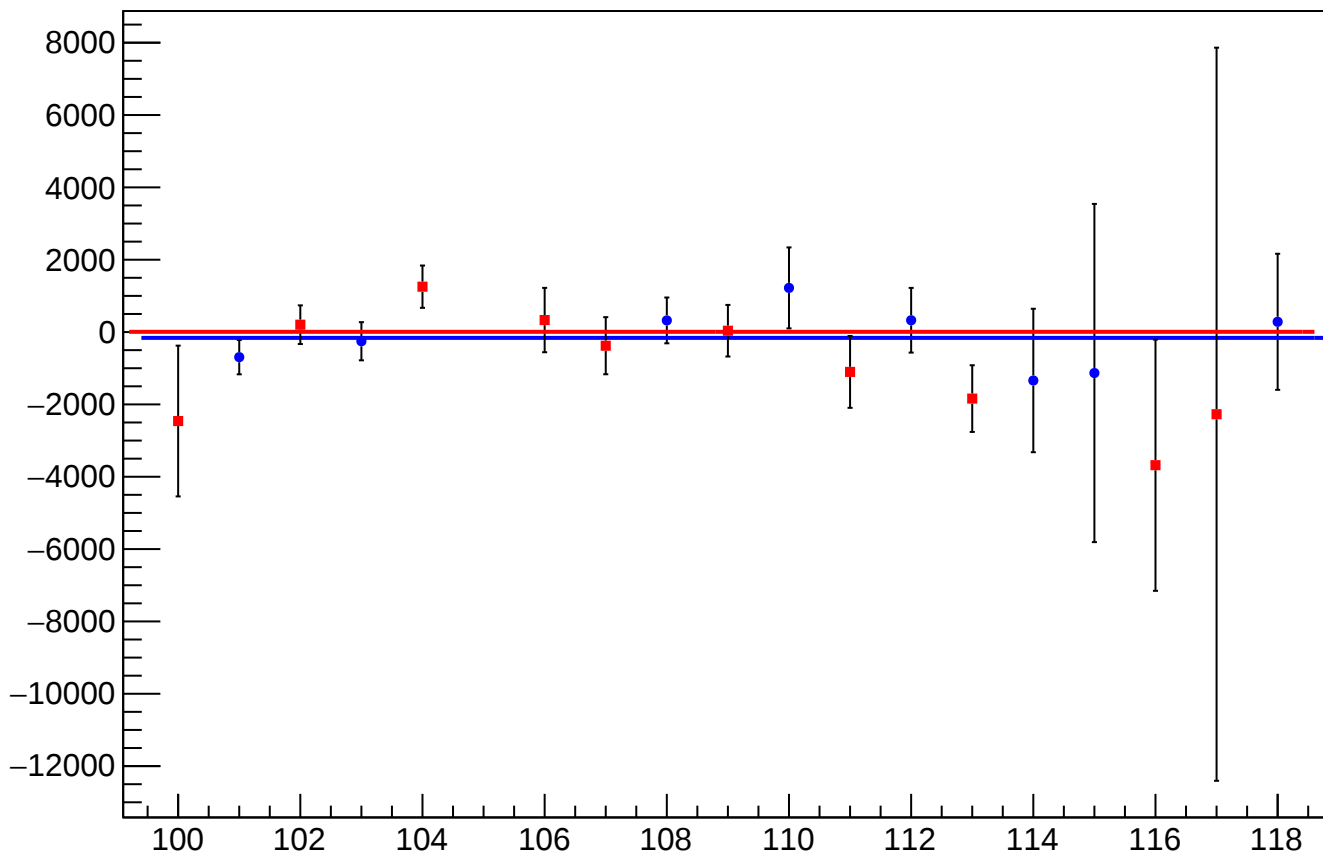
Right Out: 585.979 $\pm$ 0.234 χ^2 /NDF: 434143.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

626.091 $\pm$ 0.262 χ^2 /NDF: 503938.5/7

585.979 $\pm$ 0.234 χ^2 /NDF: 434143.4/9

asym_sam6_mean vs Slug



Right In: -160.939+/-275.673 χ^2 /NDF: 4.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

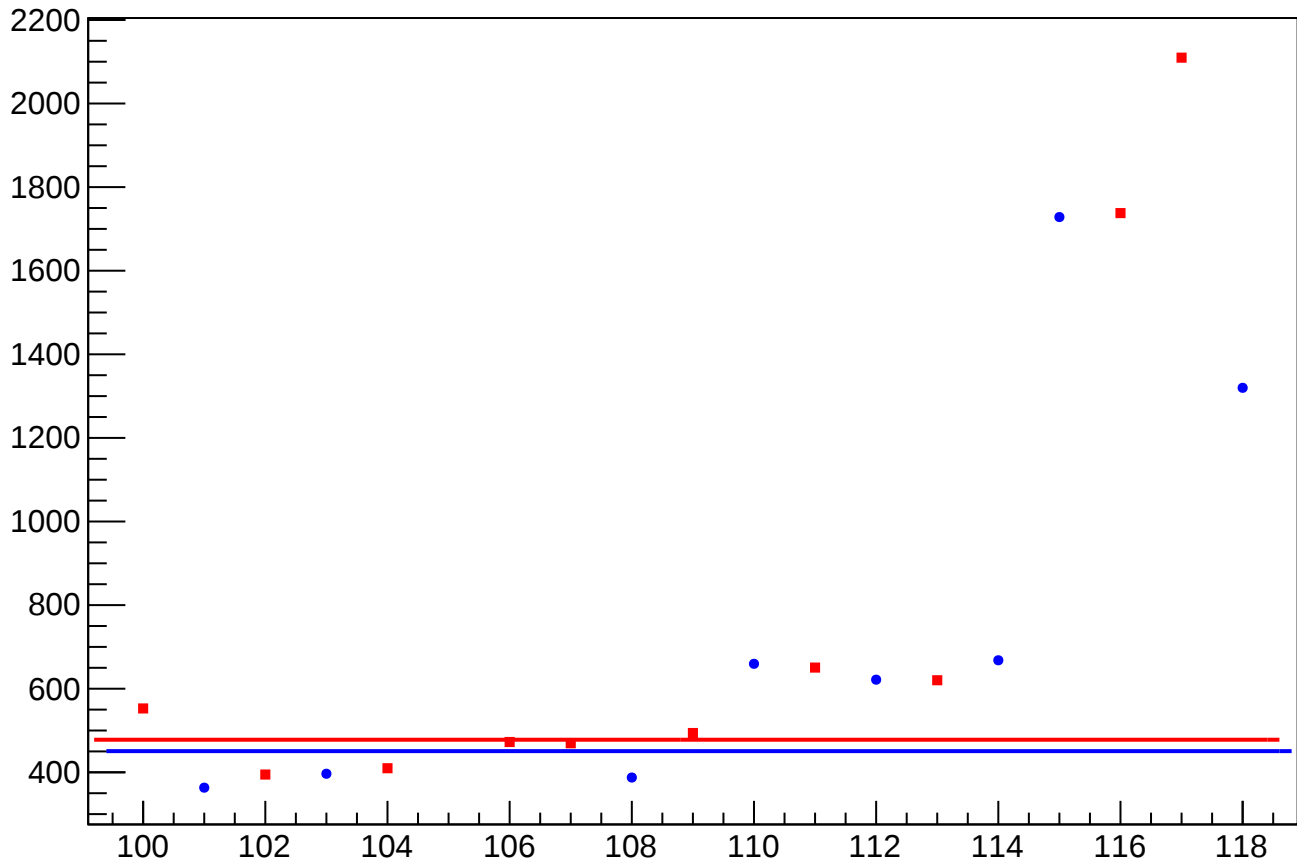
Right Out: 6.667+/-269.456 χ^2 /NDF: 12.9/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-160.939+/-275.673 χ^2 /NDF: 4.1/7

6.667+/-269.456 χ^2 /NDF: 12.9/9

asym_sam6_rms vs Slug



Right In: 450.671+/-0.195 χ^2/NDF : 852031.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

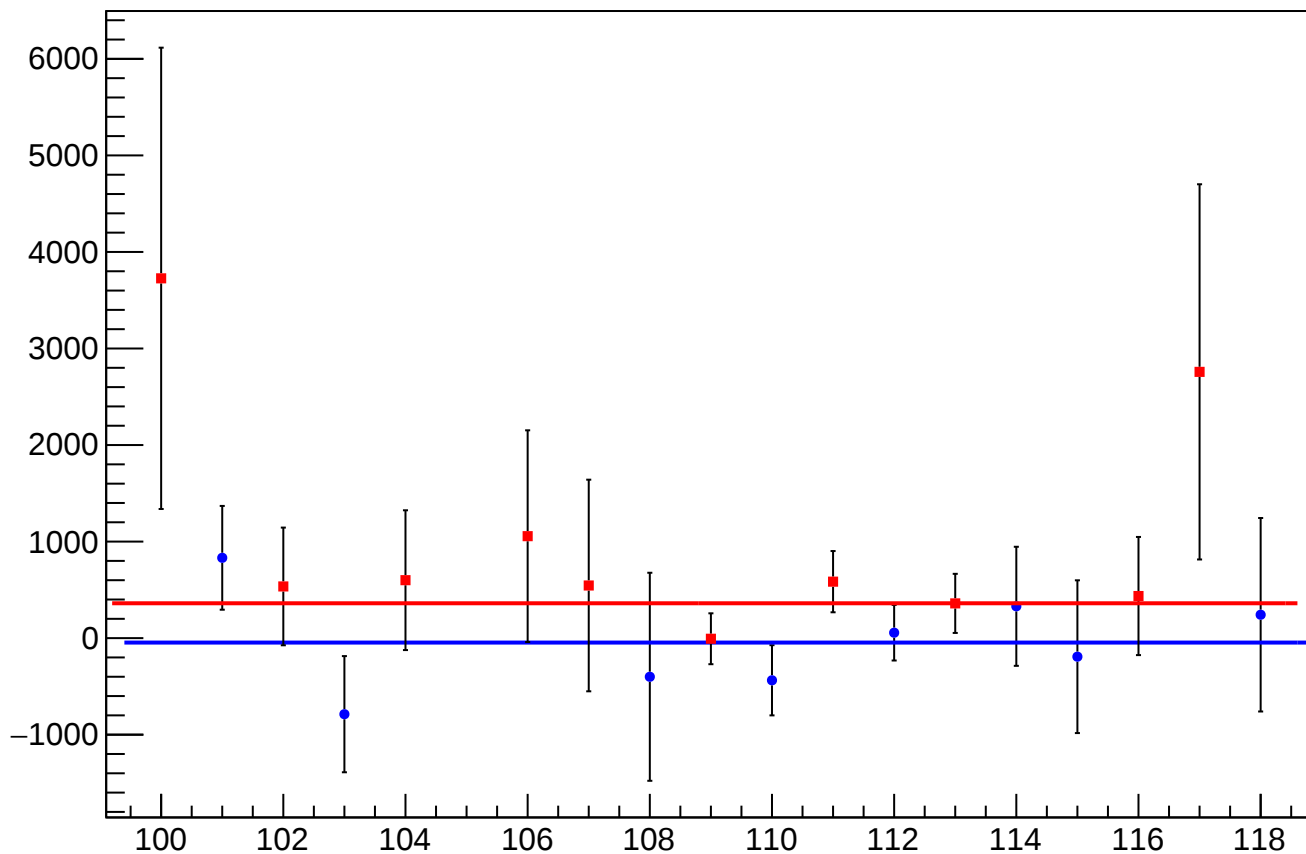
Right Out: 477.971+/-0.191 χ^2/NDF : 502746.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

450.671+/-0.195 χ^2/NDF : 852031.5/7

477.971+/-0.191 χ^2/NDF : 502746.6/9

asym_sam7_mean vs Slug



Right In: -45.936 ± 176.942 χ^2/NDF : 6.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

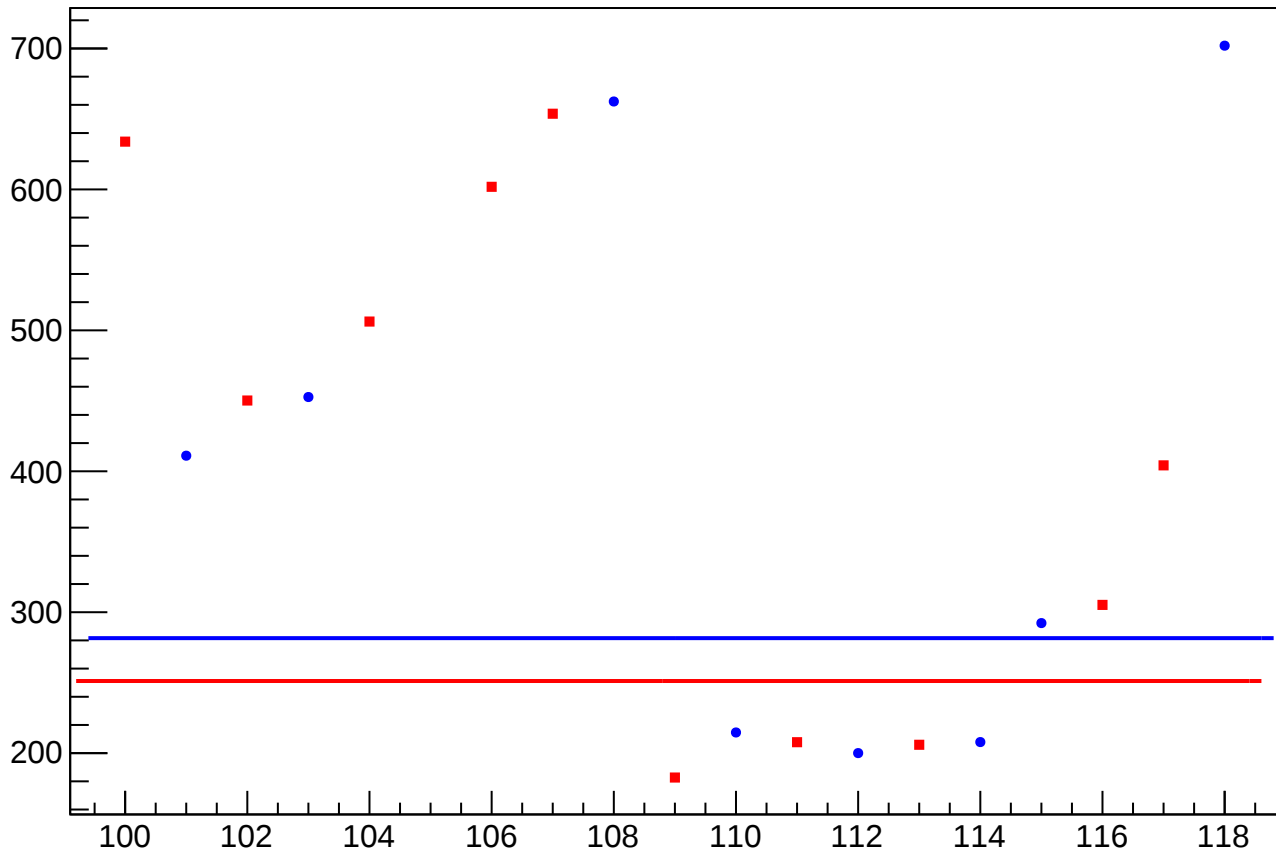
Right Out: 361.098 ± 150.091 χ^2/NDF : 6.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.936 ± 176.942 χ^2/NDF : 6.1/7

361.098 ± 150.091 χ^2/NDF : 6.6/9

asym_sam7_rms vs Slug



Right In: 281.604 $\pm$ 0.125 χ^2 /NDF: 1136818.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

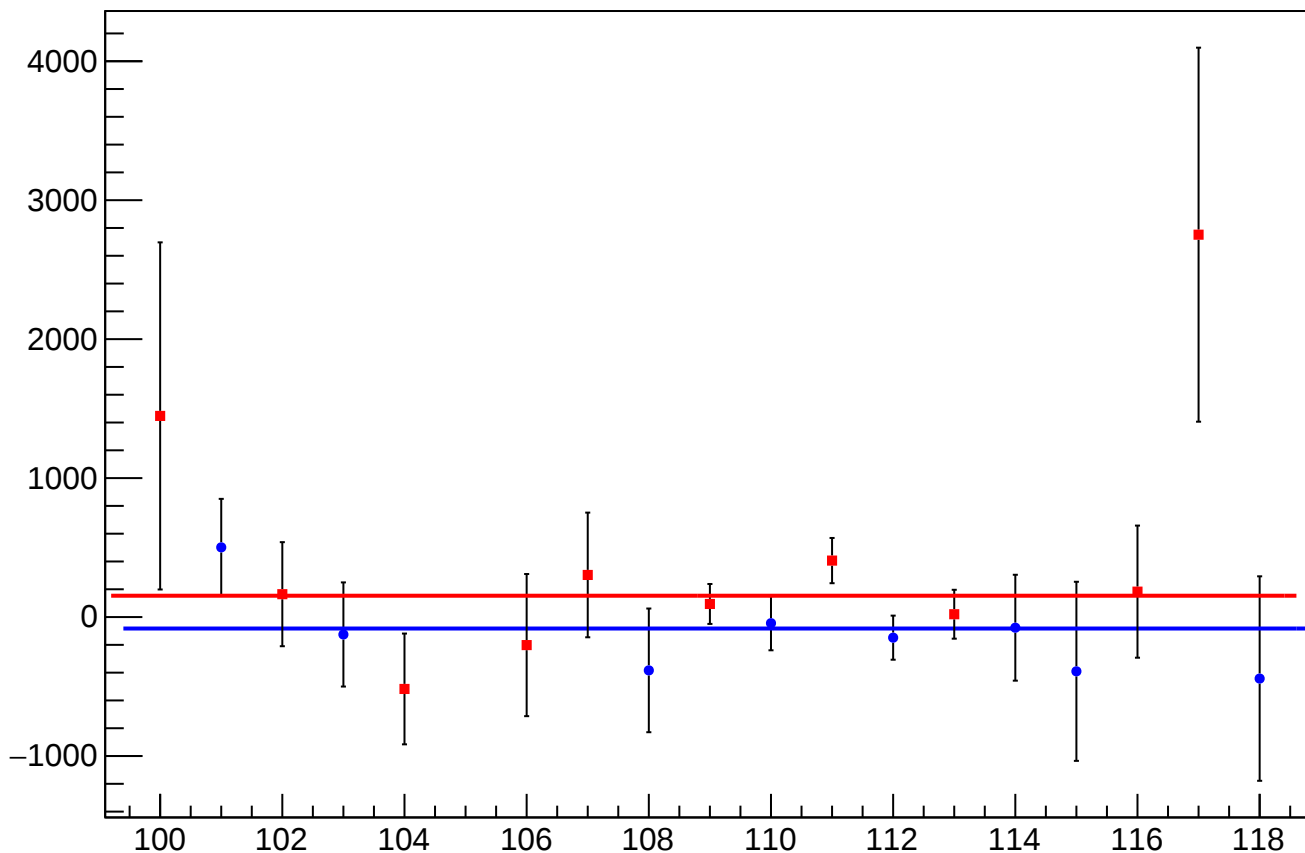
281.604 $\pm$ 0.125 χ^2 /NDF: 1136818.4/7

Right Out: 251.187 $\pm$ 0.106 χ^2 /NDF: 1231381.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

251.187 $\pm$ 0.106 χ^2 /NDF: 1231381.5/9

asym_sam8_mean vs Slug



Right In: -82.459 ± 101.237 χ^2/NDF : 4.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

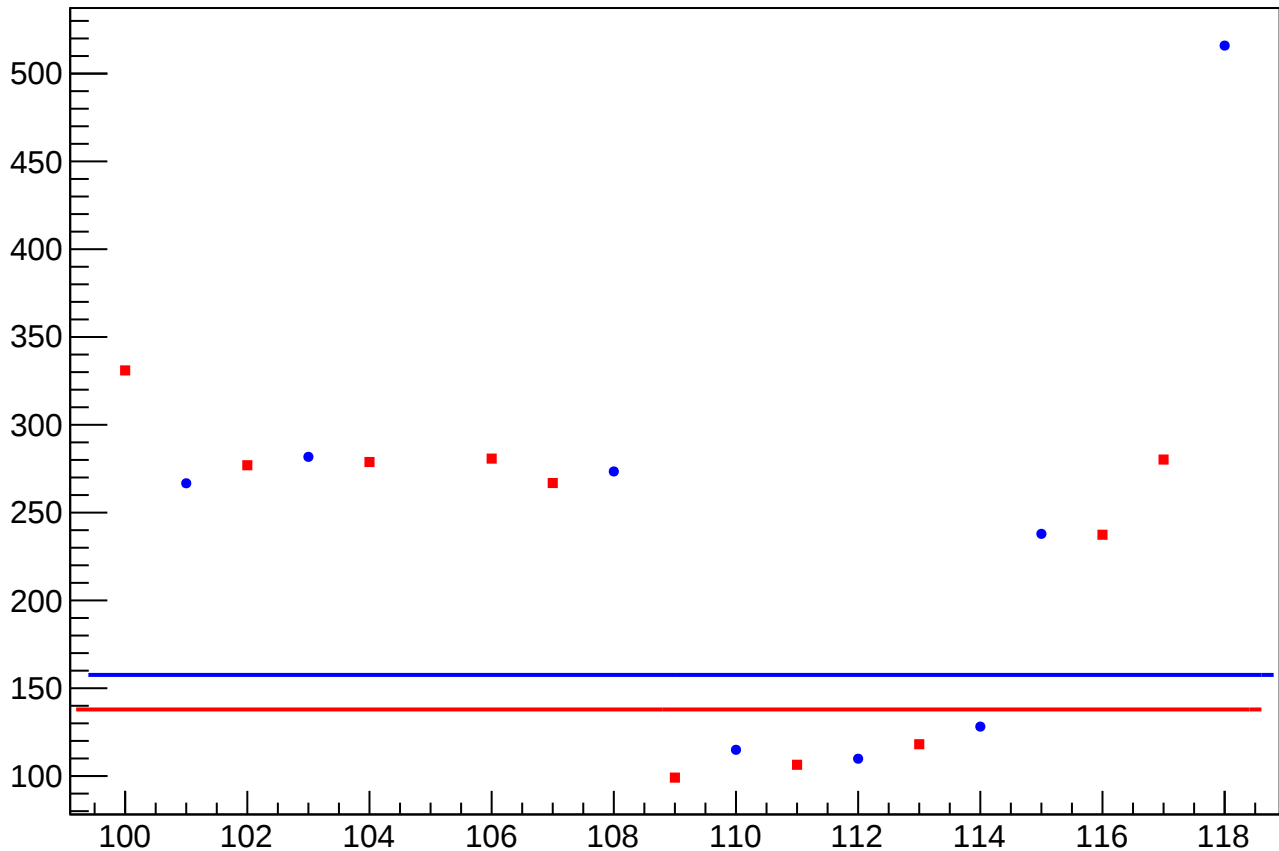
Right Out: 153.602 ± 82.659 χ^2/NDF : 11.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-82.459 ± 101.237 χ^2/NDF : 4.0/7

153.602 ± 82.659 χ^2/NDF : 11.4/9

asym_sam8_rms vs Slug



Right In: 157.584 $\pm$ 0.072 χ^2 /NDF: 1344997.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

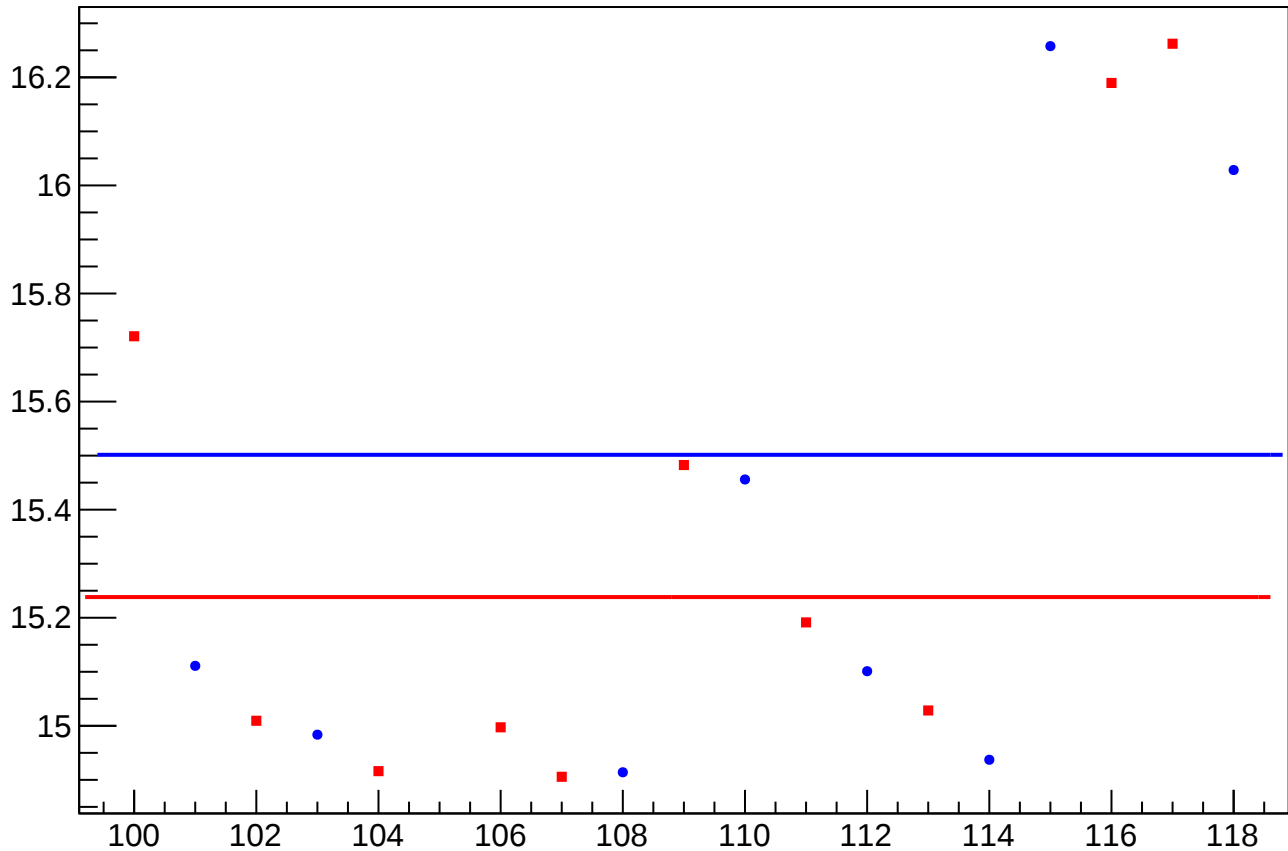
157.584 $\pm$ 0.072 χ^2 /NDF: 1344997.9/7

Right Out: 137.899 $\pm$ 0.058 χ^2 /NDF: 1250973.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

137.899 $\pm$ 0.058 χ^2 /NDF: 1250973.9/9

yield_sam1_mean vs Slug



Right In: 15.502+/-0.000 χ^2/NDF : 1773759021.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

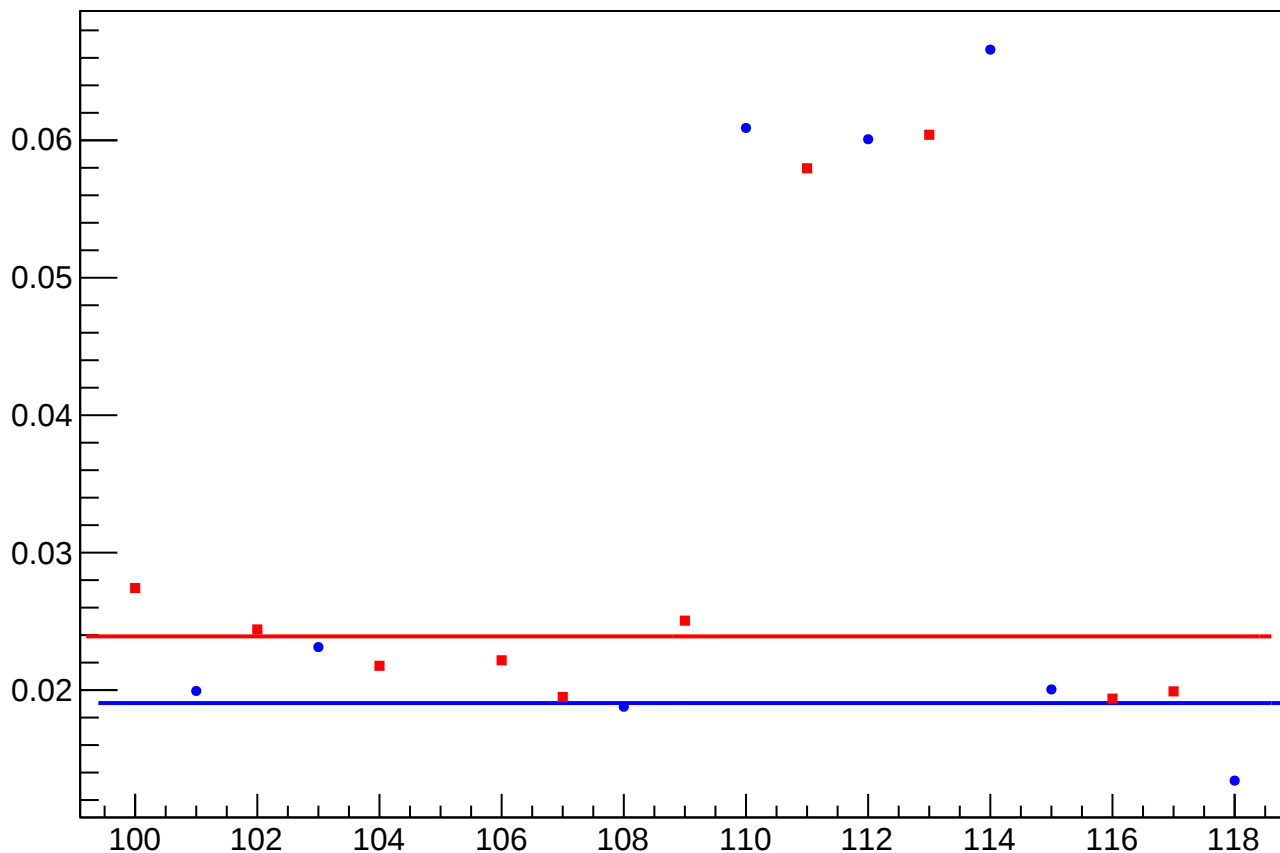
15.502+/-0.000 χ^2/NDF : 1773759021.7/7

Right Out: 15.238+/-0.000 χ^2/NDF : 1021629637.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.238+/-0.000 χ^2/NDF : 1021629637.5/9

yield_sam1_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1032967.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

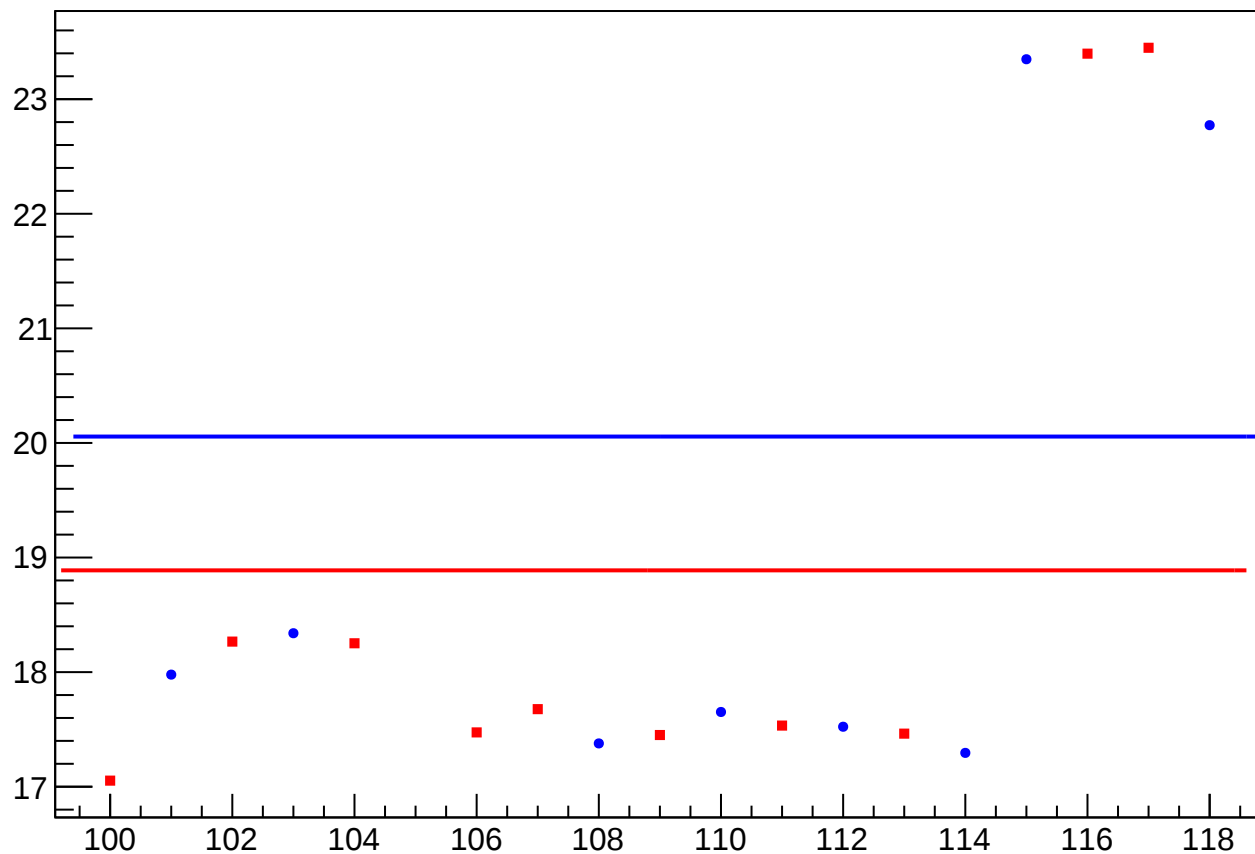
Right Out: 0.024+/-0.000 χ^2/NDF : 667168.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 1032967.7/7

0.024+/-0.000 χ^2/NDF : 667168.1/9

yield_sam2_mean vs Slug



Right In: 20.056+/-0.000 χ^2/NDF : 459488522.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

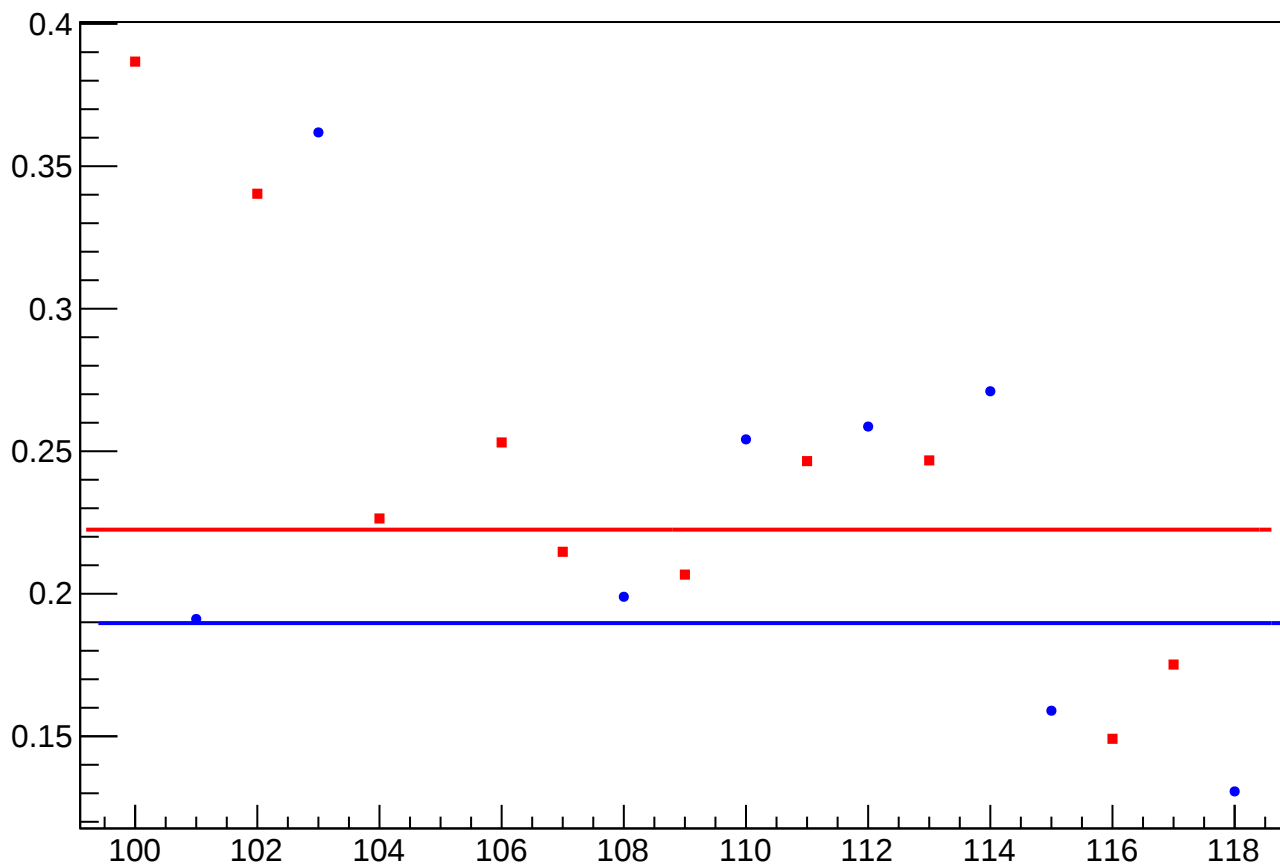
Right Out: 18.888+/-0.000 χ^2/NDF : 316602263.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.056+/-0.000 χ^2/NDF : 459488522.7/7

18.888+/-0.000 χ^2/NDF : 316602263.1/9

yield_sam2_rms vs Slug



Right In: 0.190+/-0.000 χ^2/NDF : 571589.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

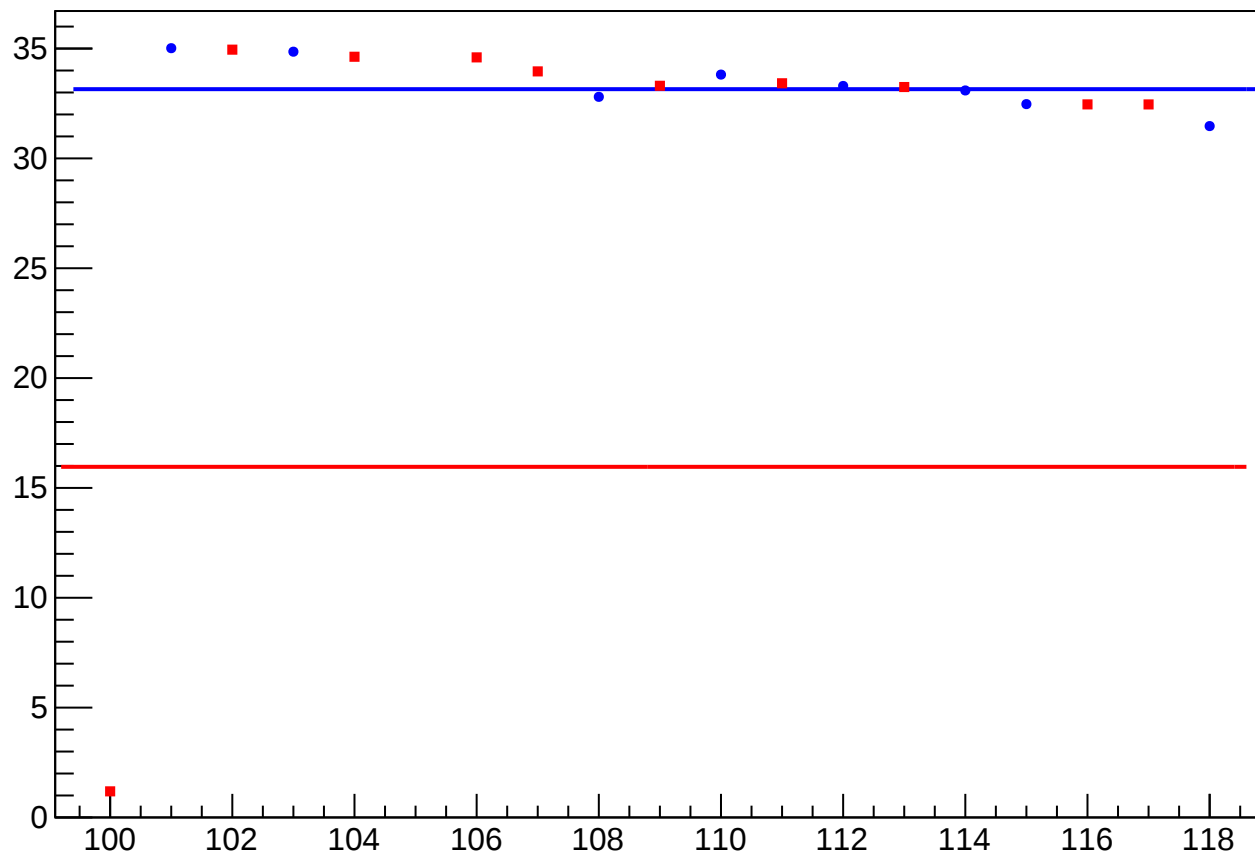
Right Out: 0.222+/-0.000 χ^2/NDF : 298347.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.190+/-0.000 χ^2/NDF : 571589.0/7

0.222+/-0.000 χ^2/NDF : 298347.4/9

yield_sam3_mean vs Slug



Right In: 33.151+/-0.000 χ^2/NDF : 232441600.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

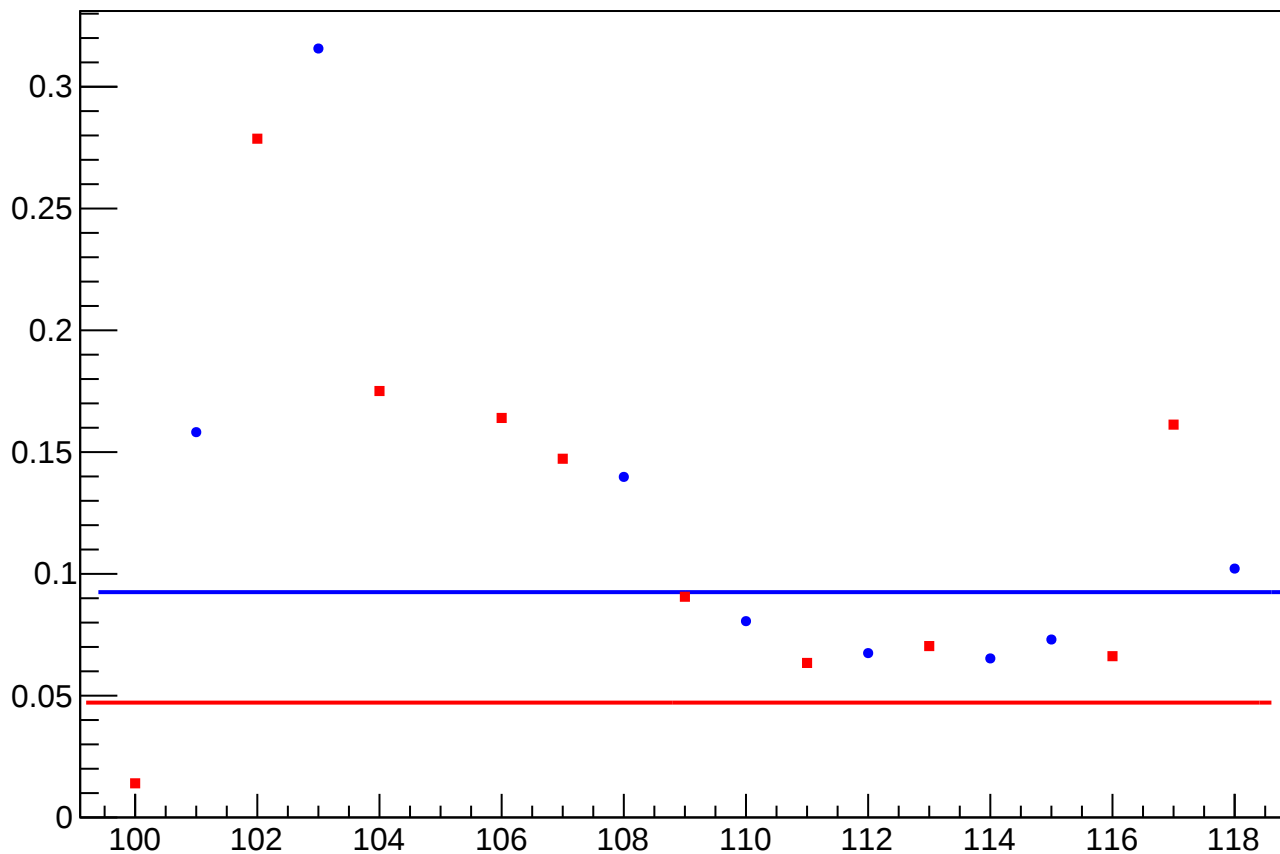
Right Out: 15.960+/-0.000 χ^2/NDF : 169049949755.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

33.151+/-0.000 χ^2/NDF : 232441600.8/7

15.960+/-0.000 χ^2/NDF : 169049949755.2/9

yield_sam3_rms vs Slug



Right In: 0.093+/-0.000 χ^2/NDF : 970722.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

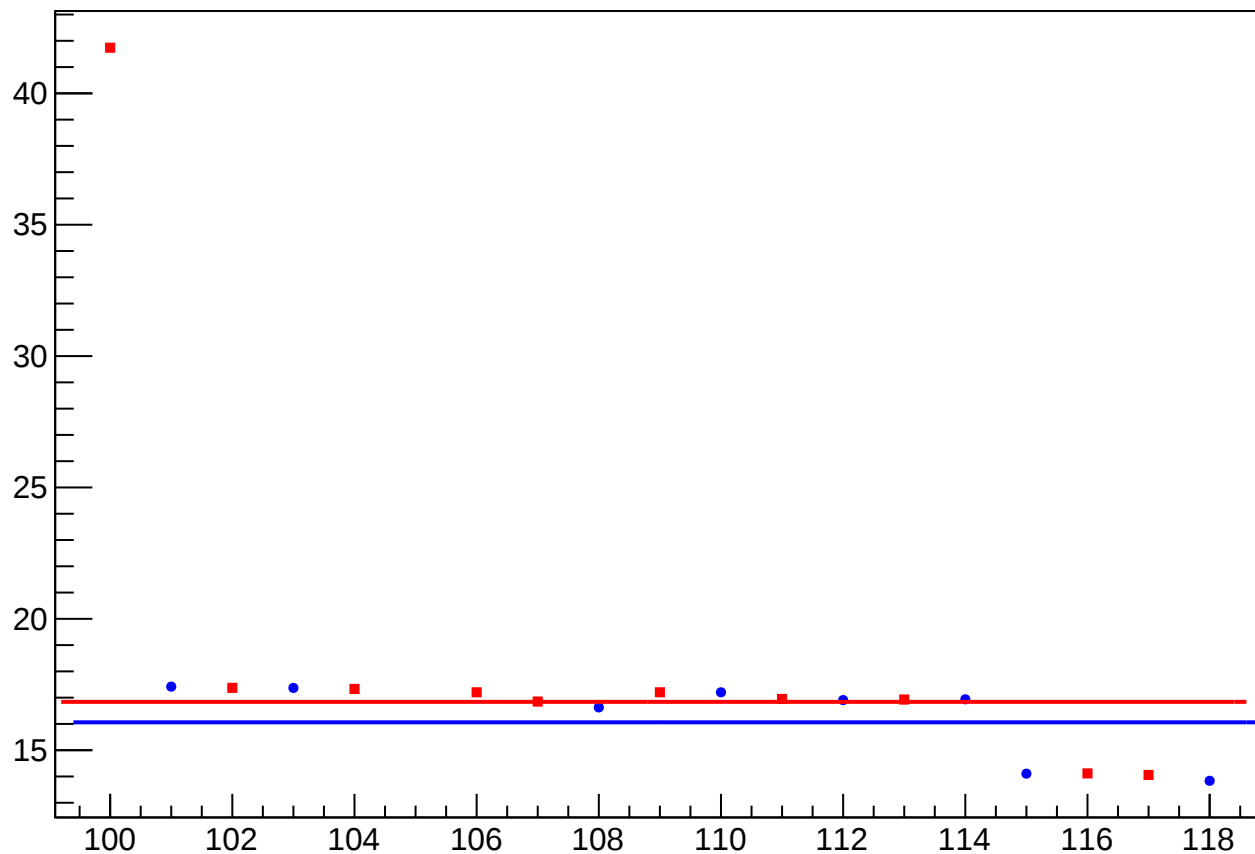
Right Out: 0.047+/-0.000 χ^2/NDF : 2743429.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.093+/-0.000 χ^2/NDF : 970722.6/7

0.047+/-0.000 χ^2/NDF : 2743429.1/9

yield_sam4_mean vs Slug



Right In: 16.061+/-0.000 χ^2/NDF : 597826281.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

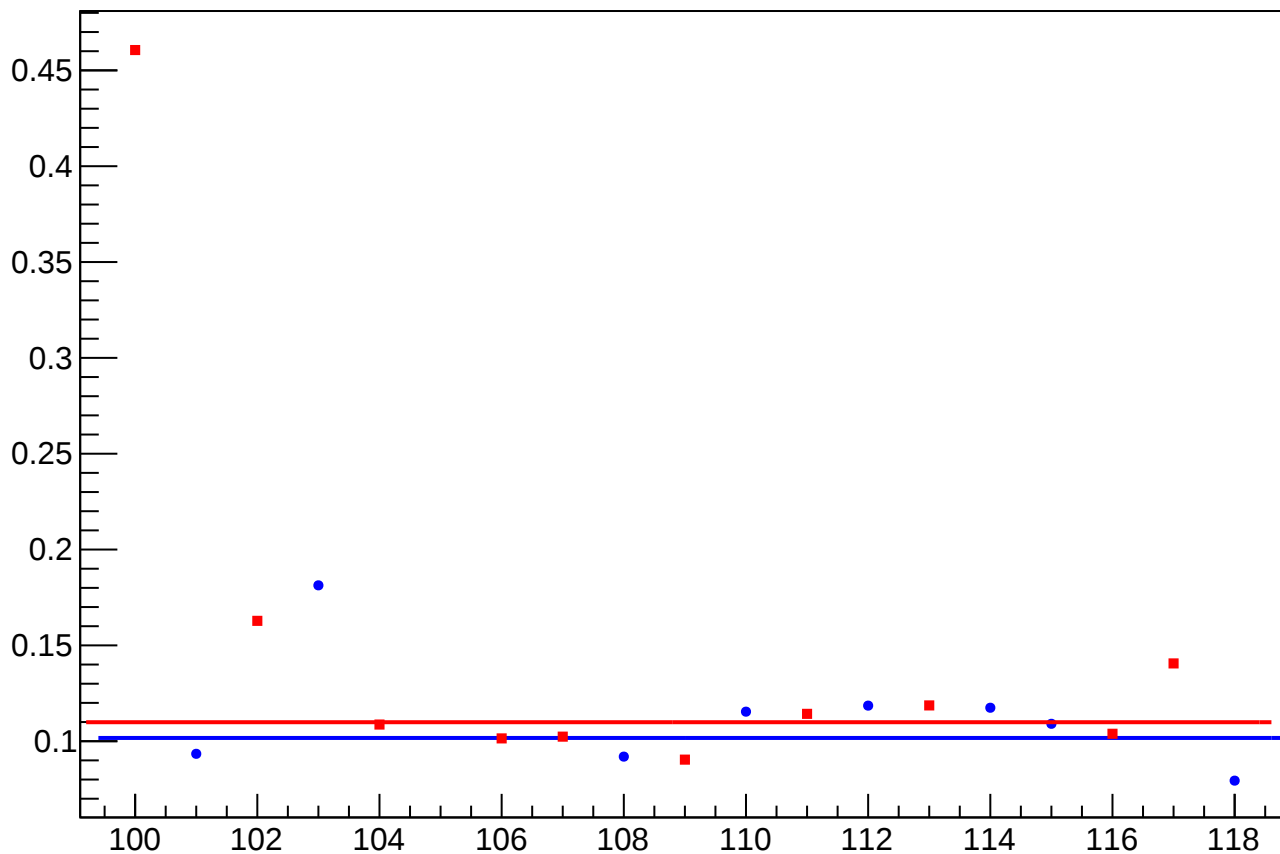
Right Out: 16.840+/-0.000 χ^2/NDF : 409651216.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.061+/-0.000 χ^2/NDF : 597826281.2/7

16.840+/-0.000 χ^2/NDF : 409651216.1/9

yield_sam4_rms vs Slug



Right In: 0.102 $\pm$ 0.000 χ^2 /NDF: 333170.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

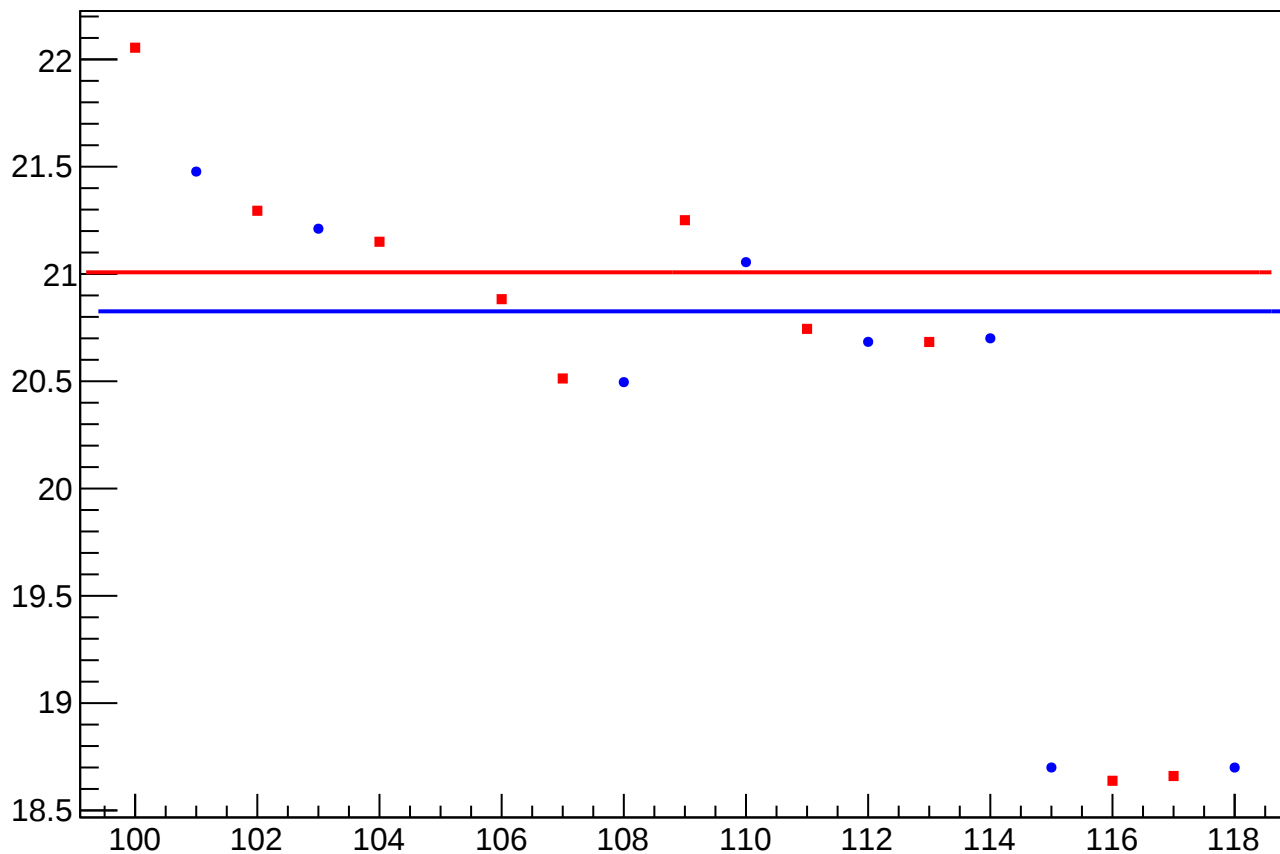
Right Out: 0.110 $\pm$ 0.000 χ^2 /NDF: 243376.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.102 $\pm$ 0.000 χ^2 /NDF: 333170.5/7

0.110 $\pm$ 0.000 χ^2 /NDF: 243376.5/9

yield_sam5_mean vs Slug



Right In: 20.826+/-0.000 χ^2/NDF : 2293089490.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

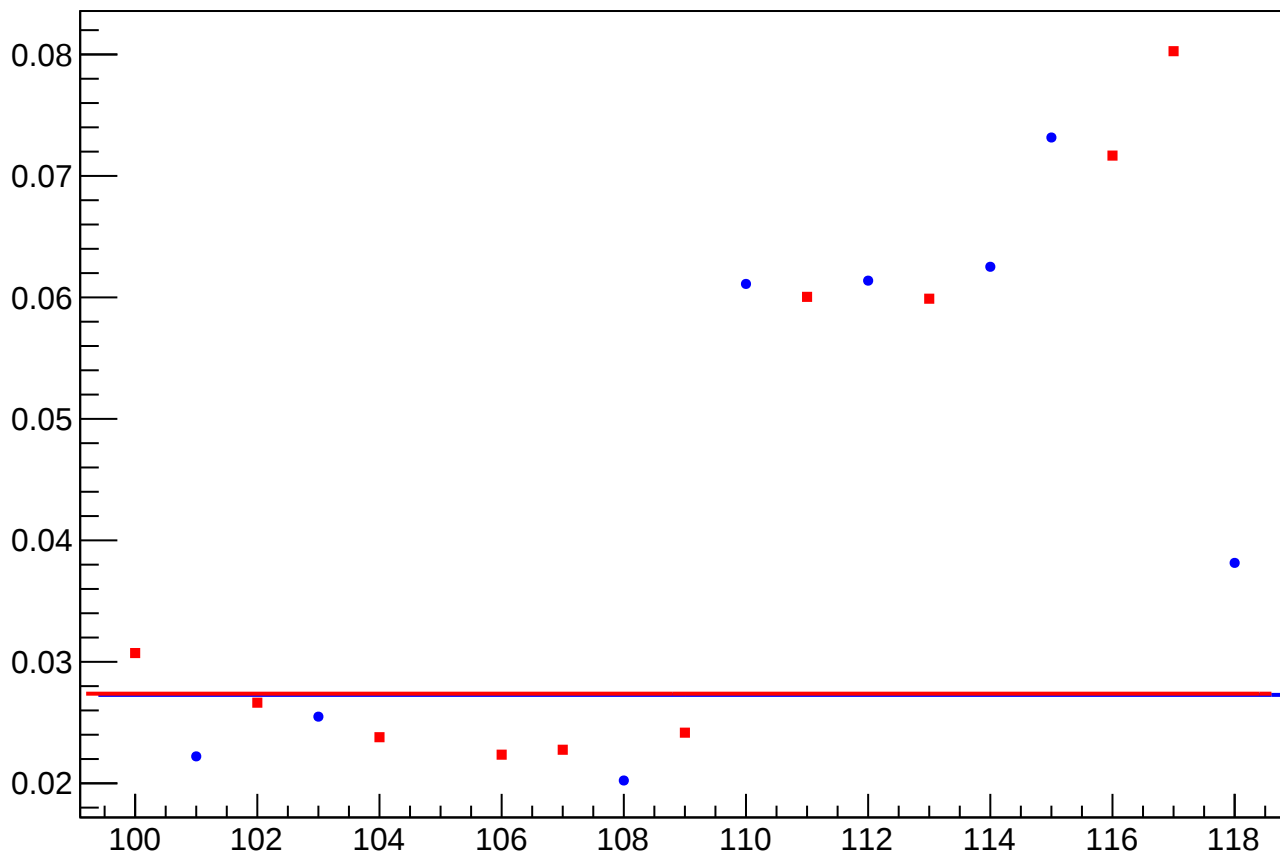
Right Out: 21.008+/-0.000 χ^2/NDF : 668636613.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.826+/-0.000 χ^2/NDF : 2293089490.1/7

21.008+/-0.000 χ^2/NDF : 668636613.6/9

yield_sam5_rms vs Slug



Right In: 0.027+/-0.000 χ^2/NDF : 862451.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

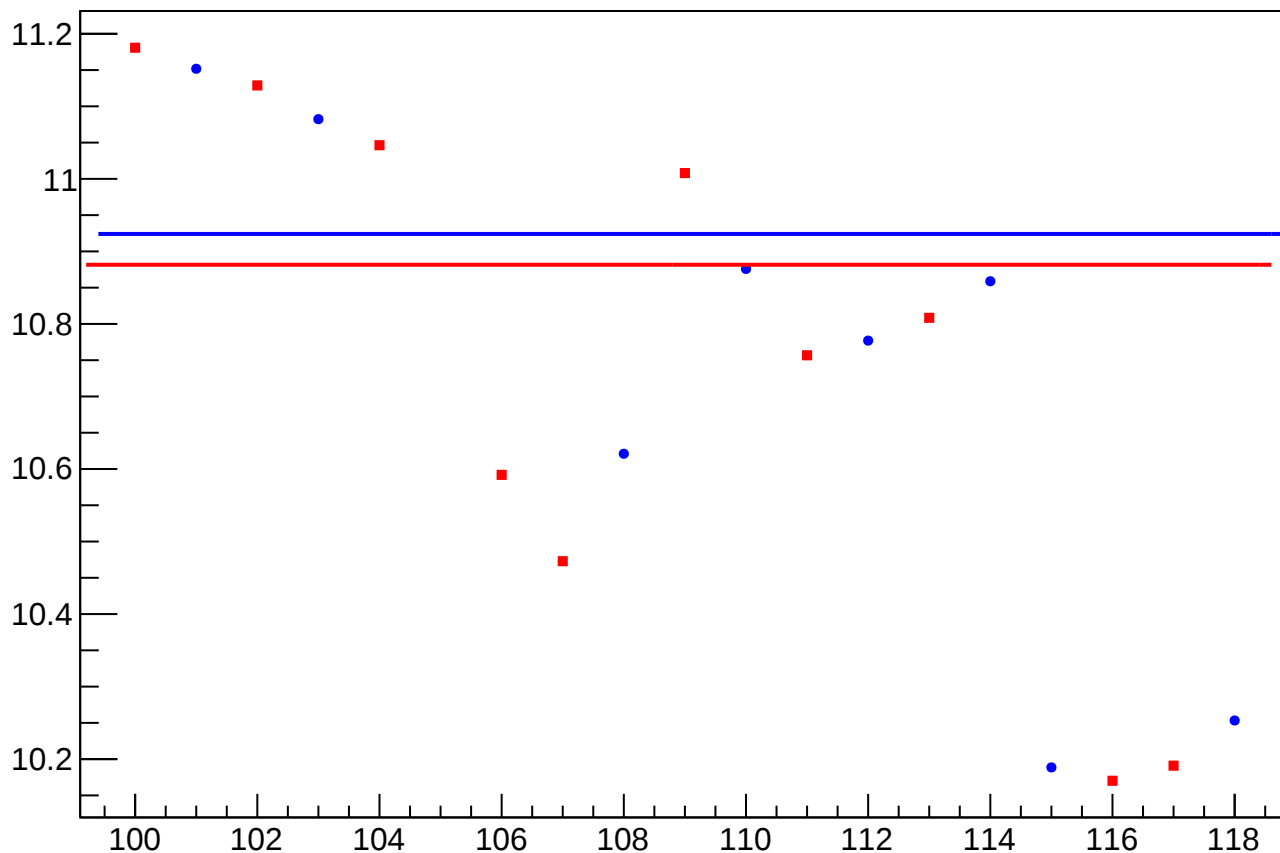
Right Out: 0.027+/-0.000 χ^2/NDF : 797535.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.000 χ^2/NDF : 862451.7/7

0.027+/-0.000 χ^2/NDF : 797535.9/9

yield_sam6_mean vs Slug



Right In: 10.924+/-0.000 χ^2/NDF : 1358987586.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

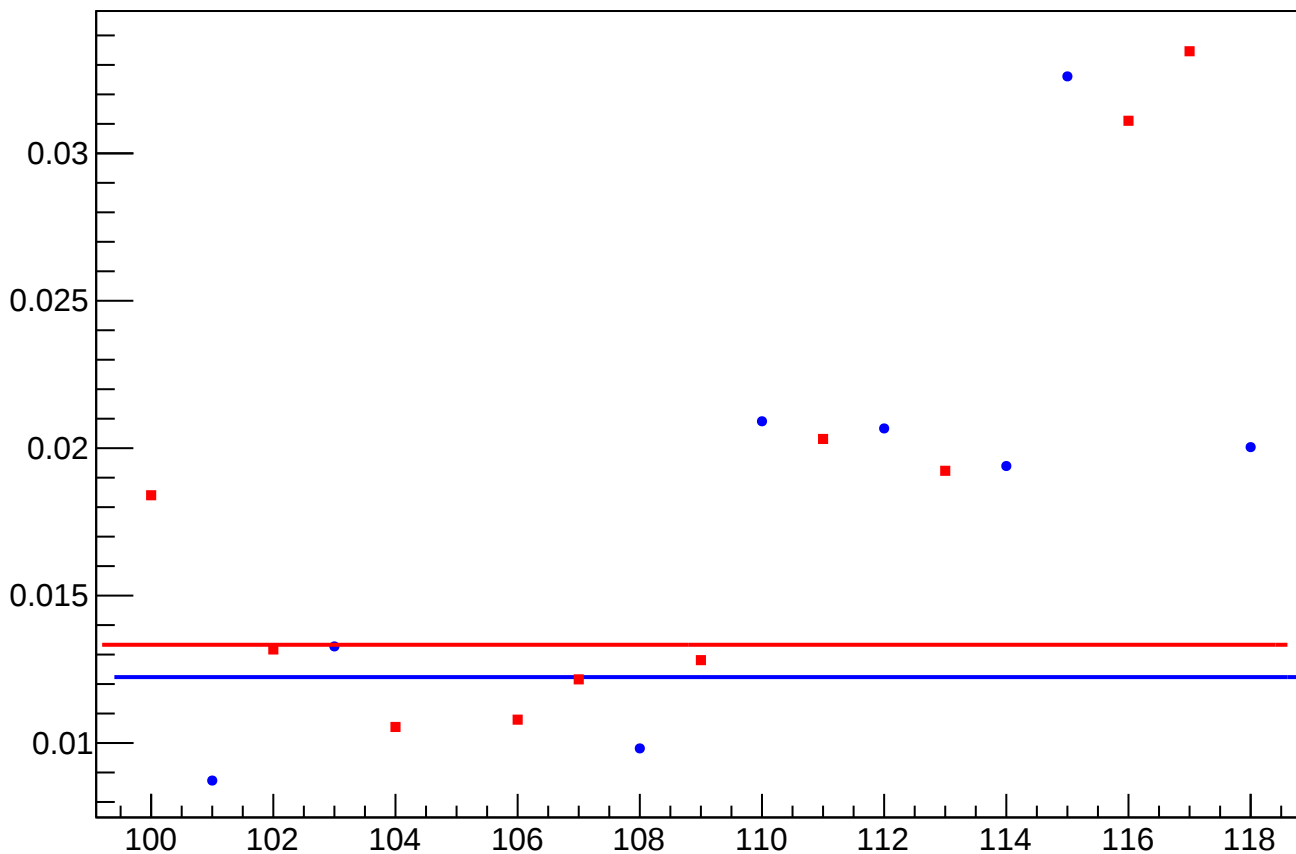
Right Out: 10.882+/-0.000 χ^2/NDF : 1007278521.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.924+/-0.000 χ^2/NDF : 1358987586.1/7

10.882+/-0.000 χ^2/NDF : 1007278521.5/9

yield_sam6_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 750625.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

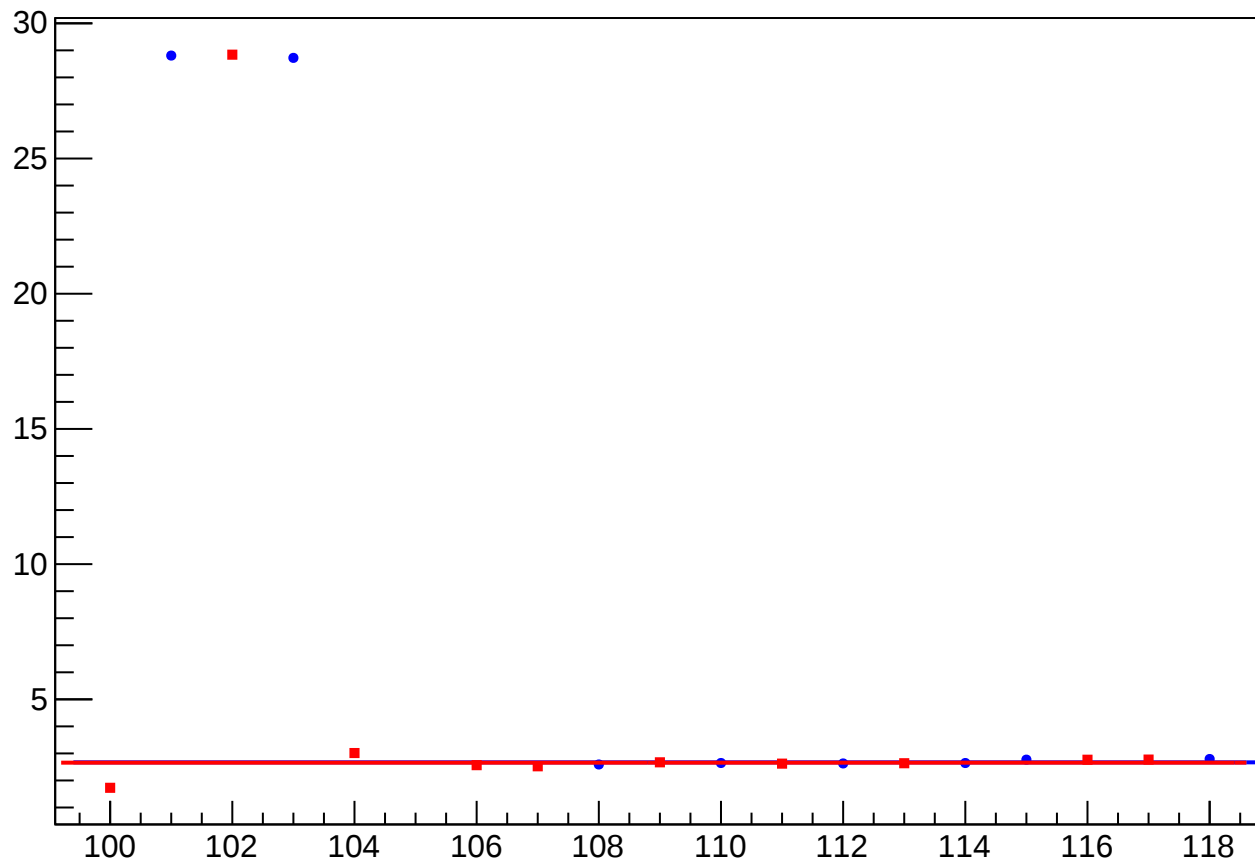
Right Out: 0.013+/-0.000 χ^2/NDF : 470280.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 750625.8/7

0.013+/-0.000 χ^2/NDF : 470280.7/9

yield_sam7_mean vs Slug



Right In: 2.670+/-0.000 χ^2/NDF : 161183075764.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

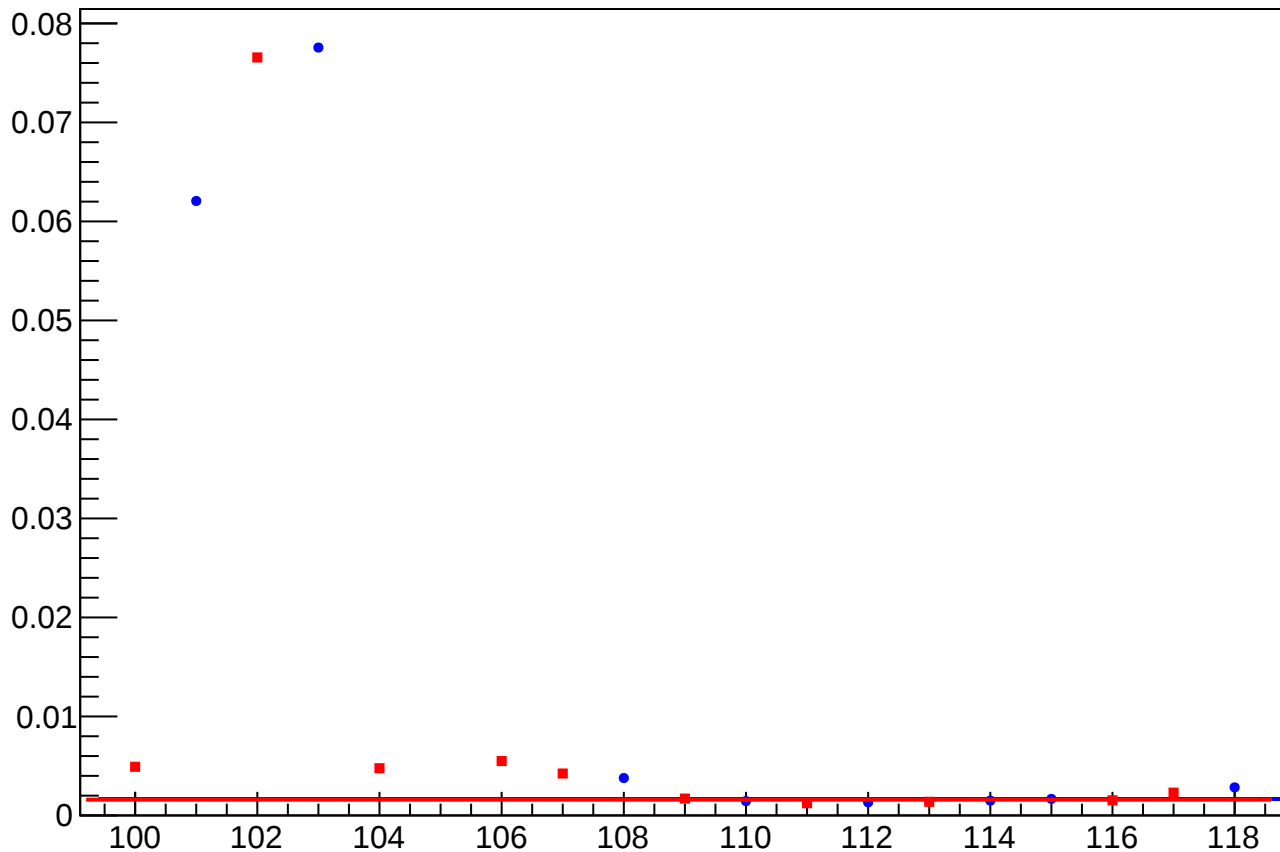
Right Out: 2.658+/-0.000 χ^2/NDF : 68221316758.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.670+/-0.000 χ^2/NDF : 161183075764.3/7

2.658+/-0.000 χ^2/NDF : 68221316758.4/9

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2513992.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

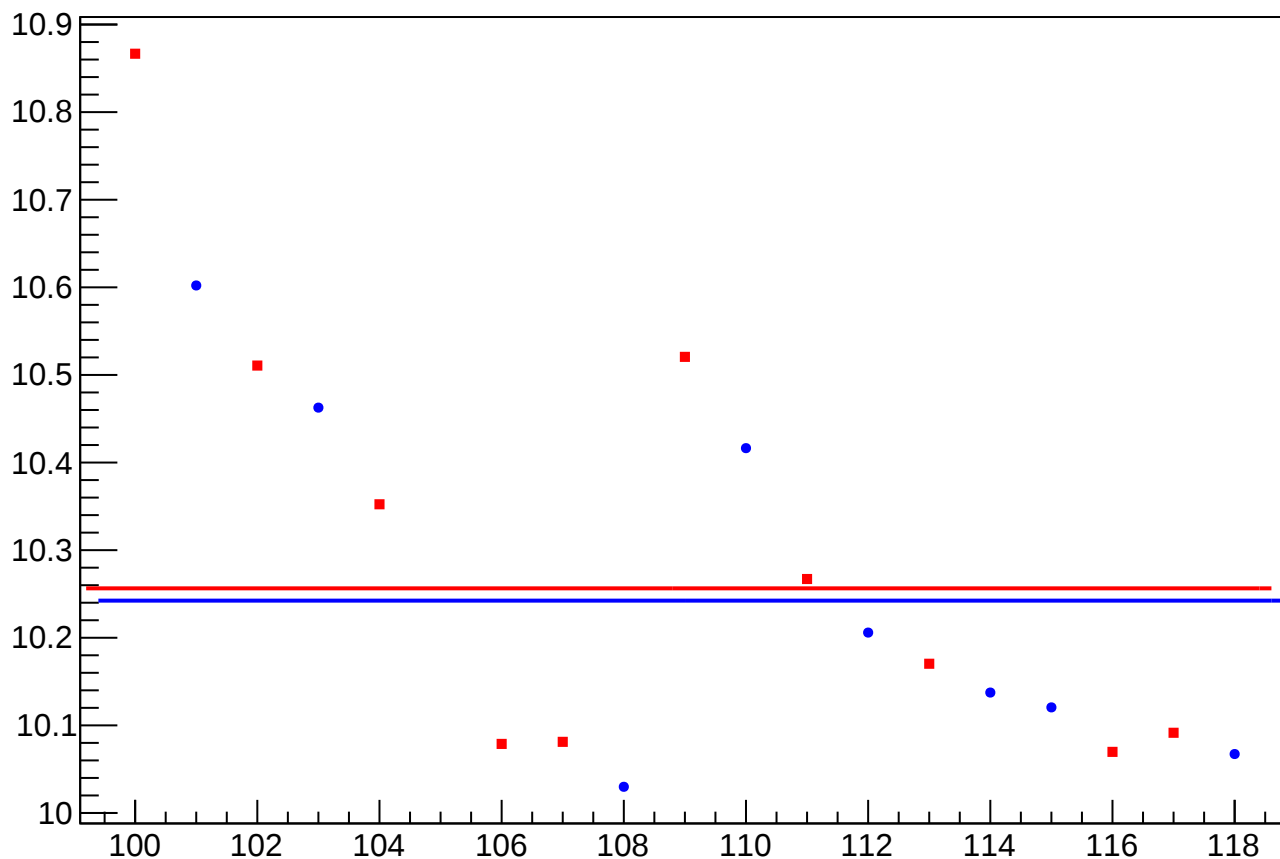
Right Out: 0.002+/-0.000 χ^2/NDF : 1887679.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 2513992.2/7

0.002+/-0.000 χ^2/NDF : 1887679.2/9

yield_sam8_mean vs Slug



Right In: 10.242+/-0.000 χ^2/NDF : 2074903210.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

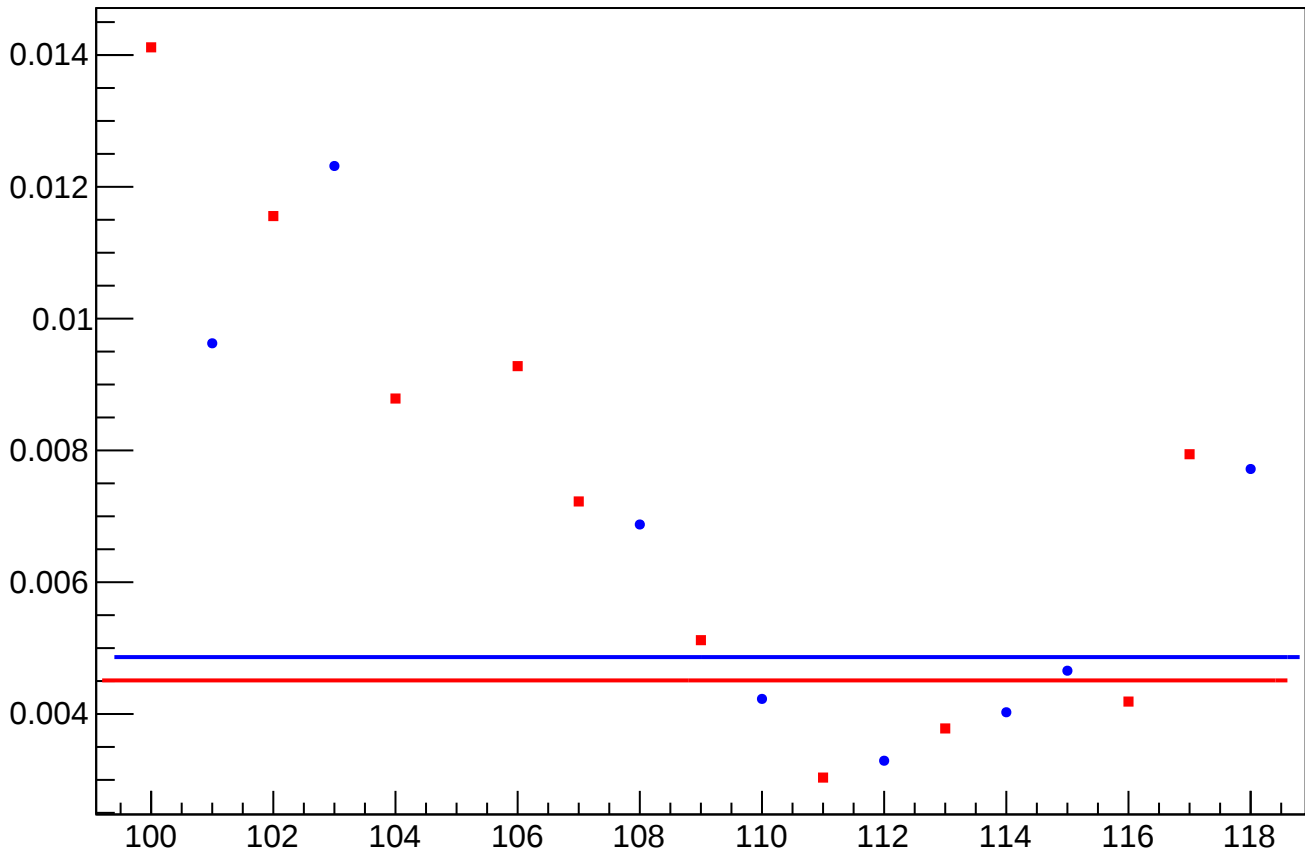
Right Out: 10.256+/-0.000 χ^2/NDF : 2470147304.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.242+/-0.000 χ^2/NDF : 2074903210.5/7

10.256+/-0.000 χ^2/NDF : 2470147304.6/9

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1042639.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

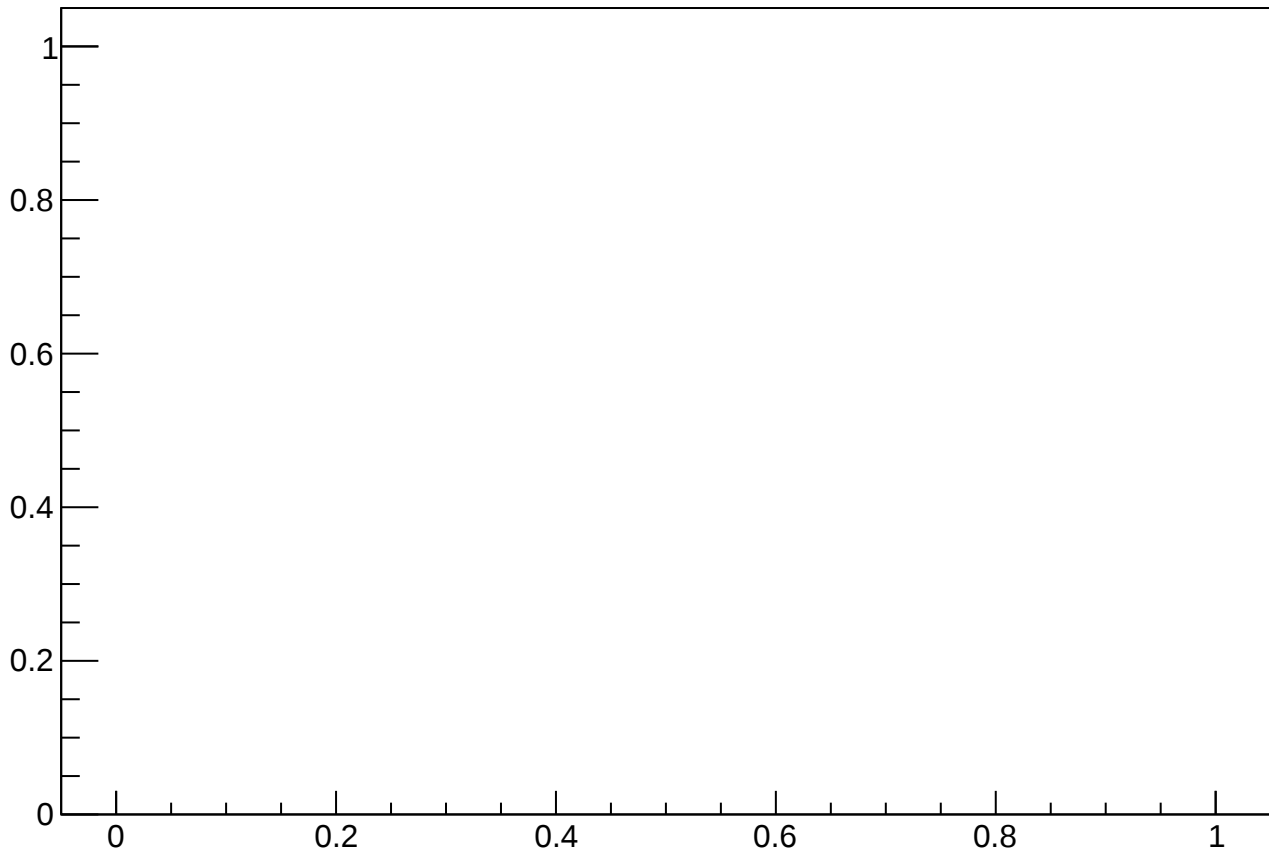
Right Out: 0.005+/-0.000 χ^2/NDF : 1101667.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1042639.8/7

0.005+/-0.000 χ^2/NDF : 1101667.9/9

cor_sam1_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

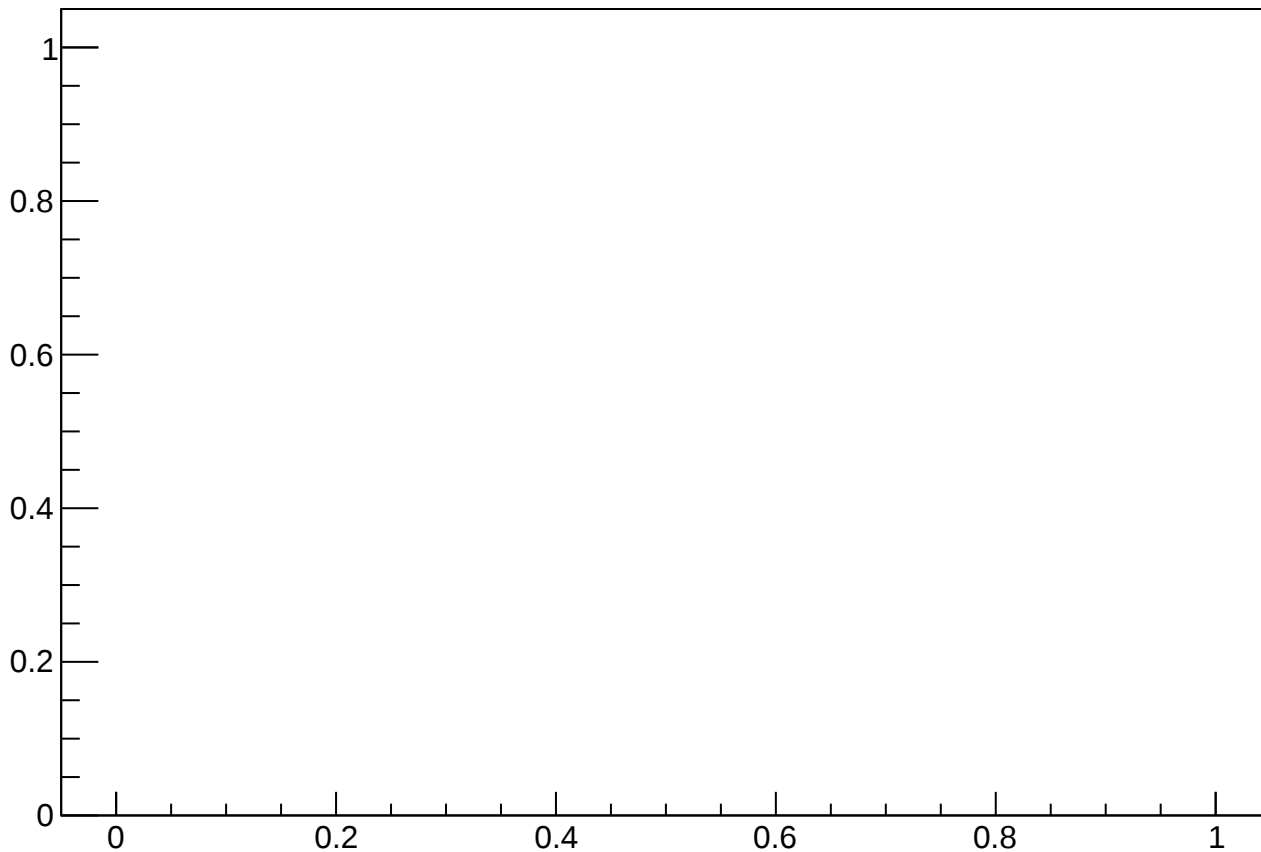
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

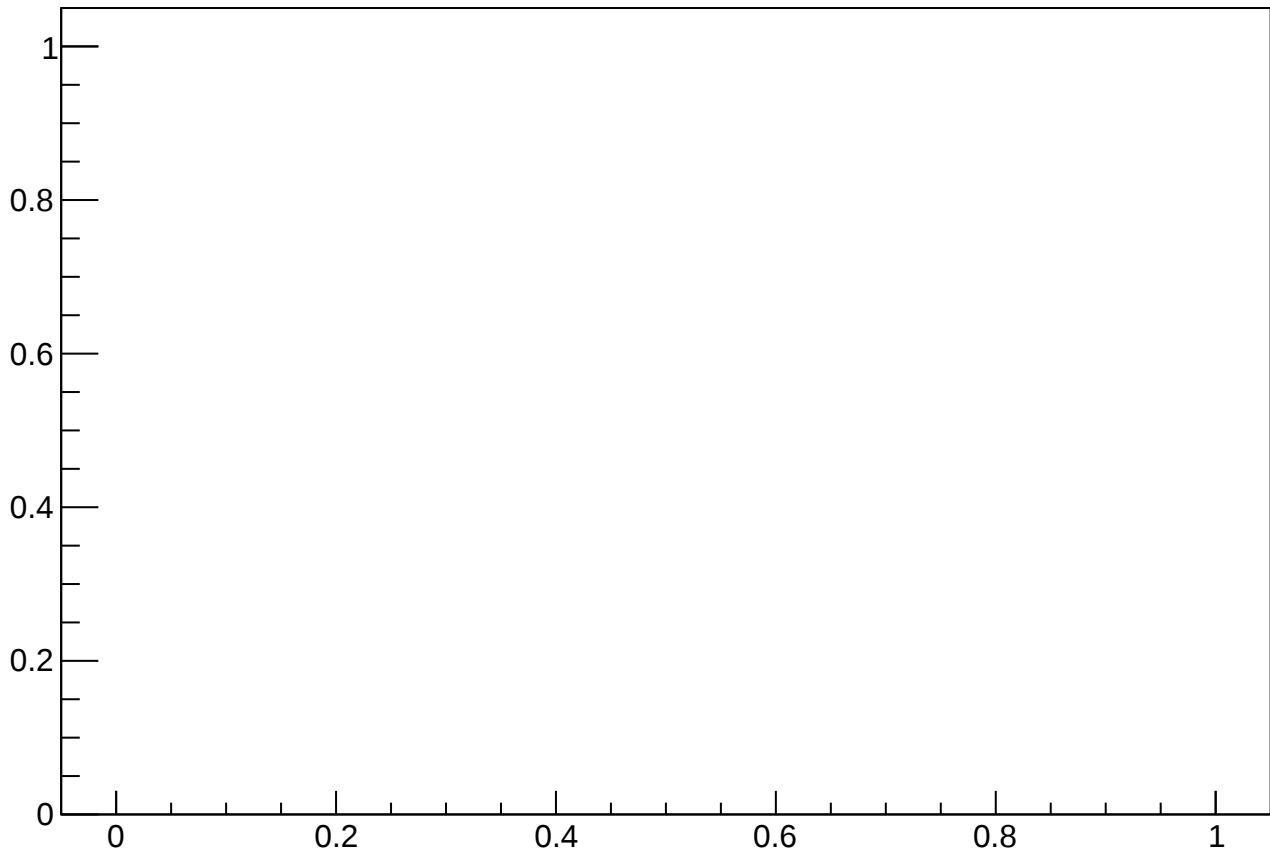
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam2_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

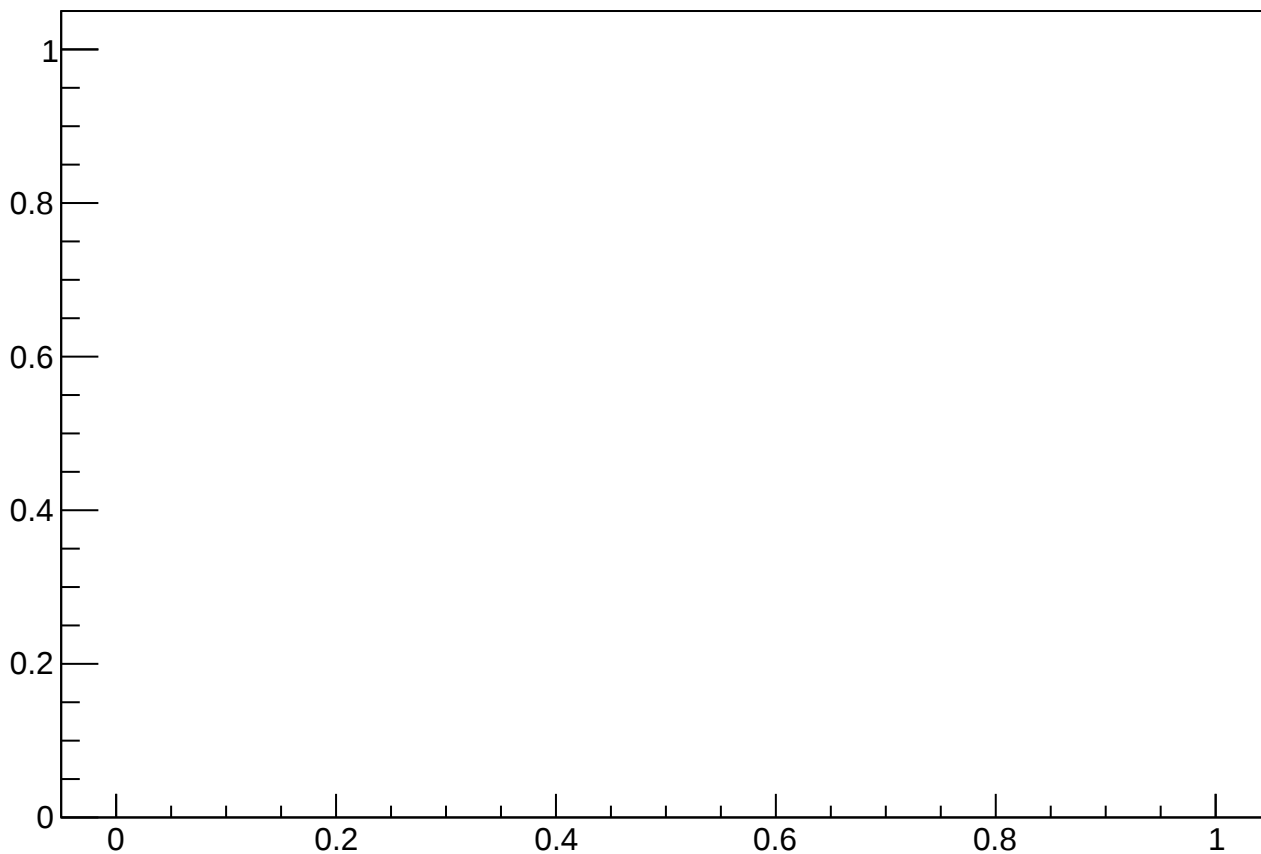
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam2_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

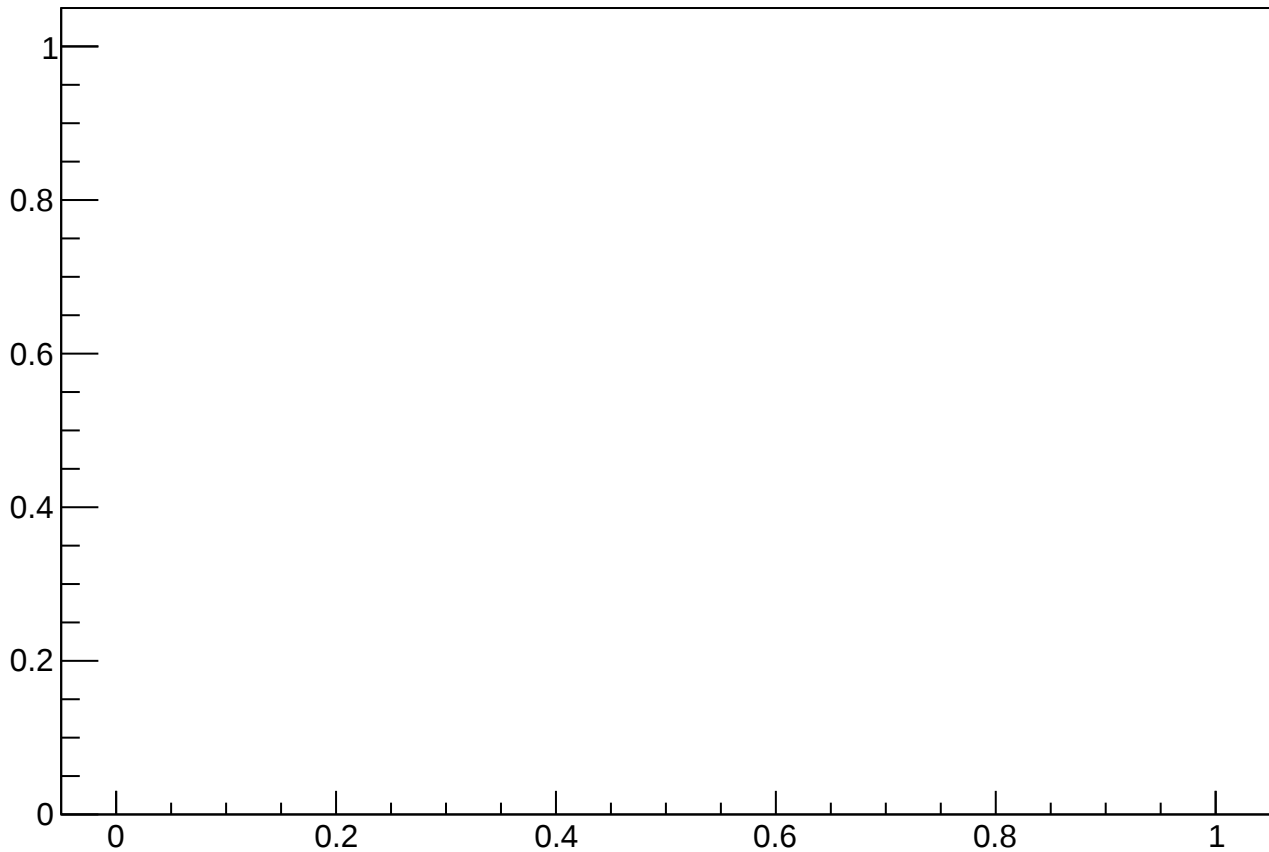
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_sam3_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

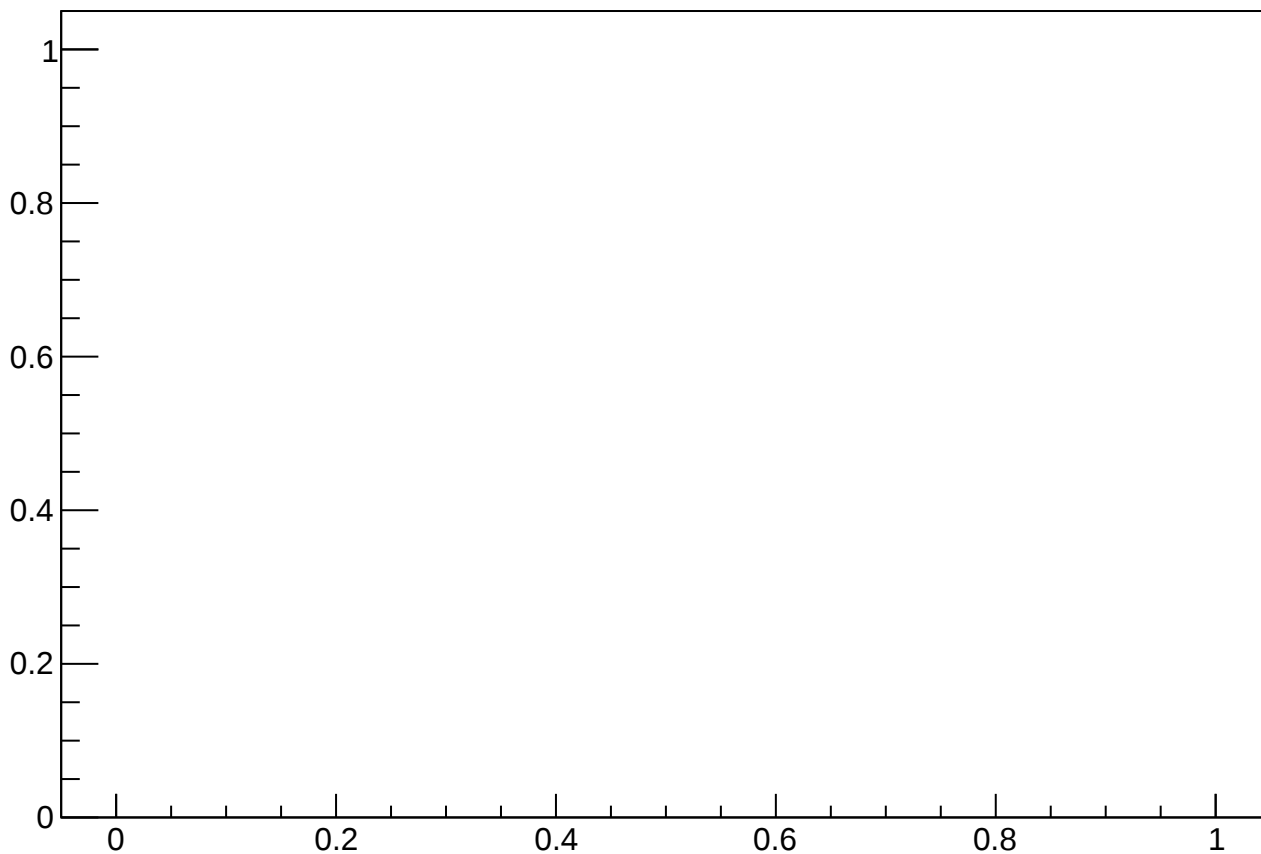
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam3_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

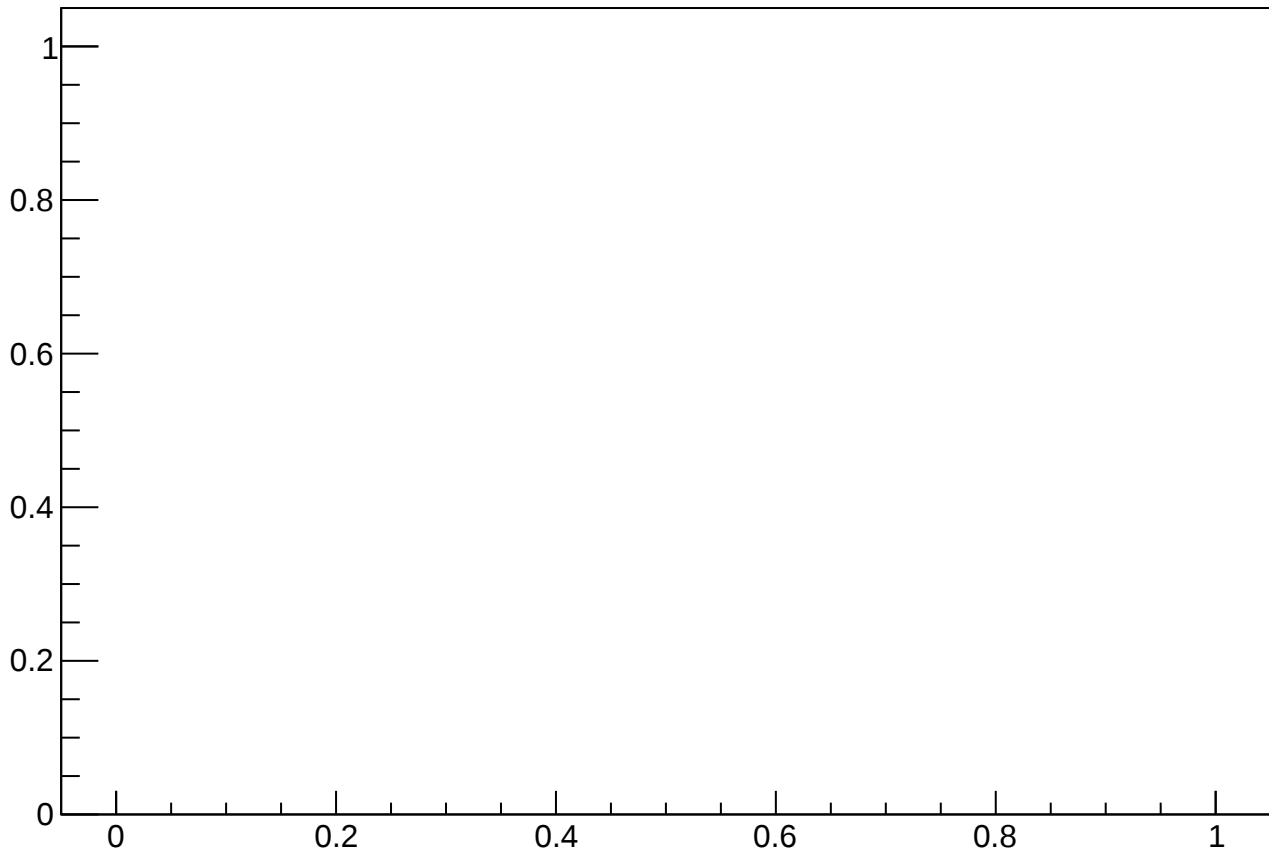
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_sam4_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

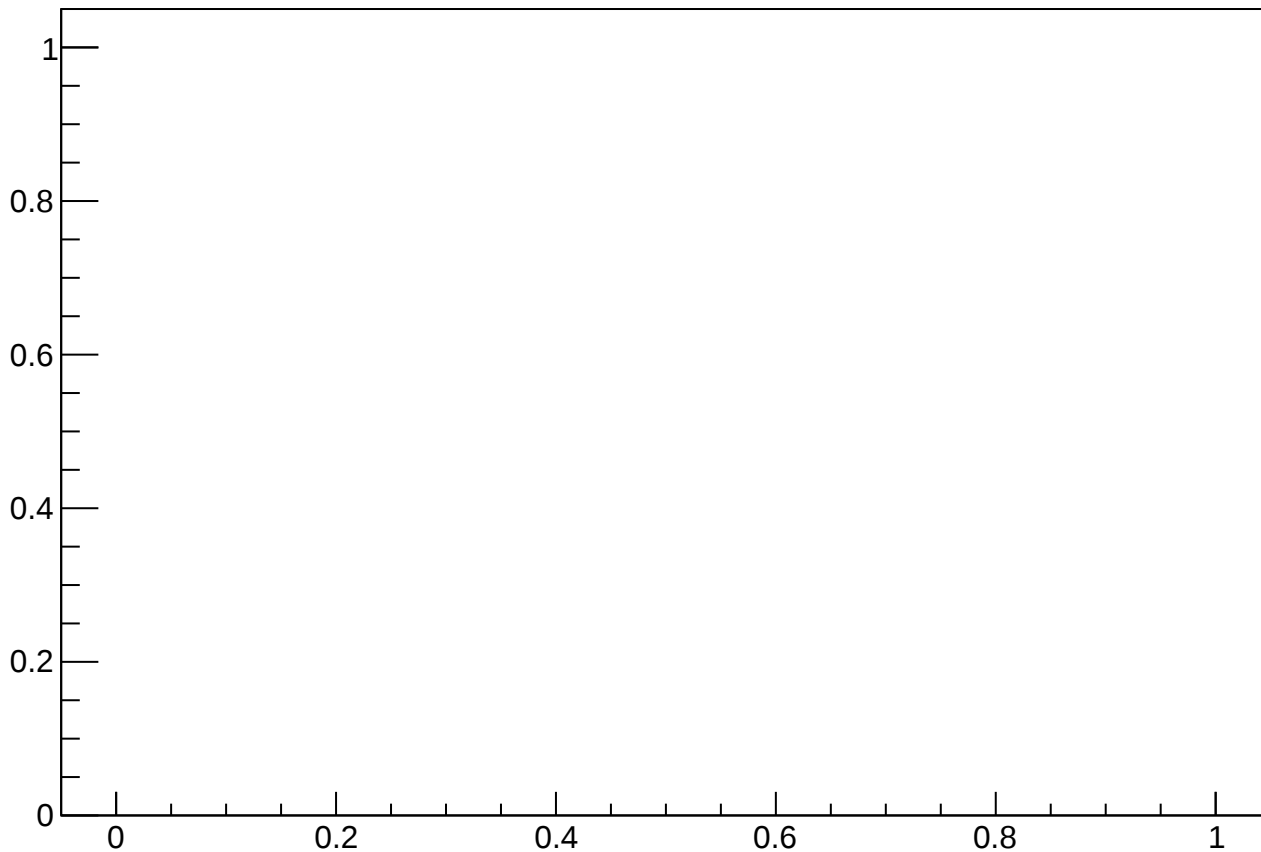
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam4_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

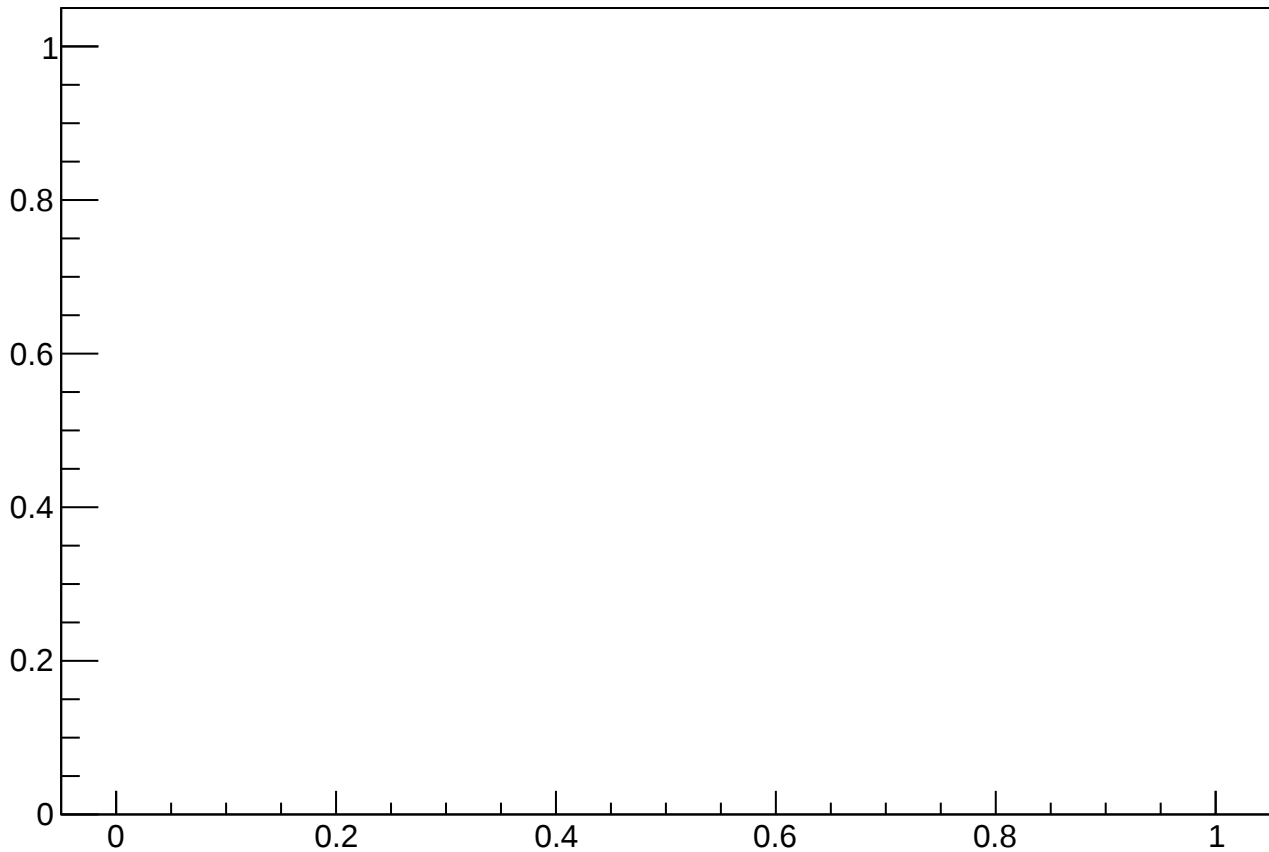
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_sam5_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

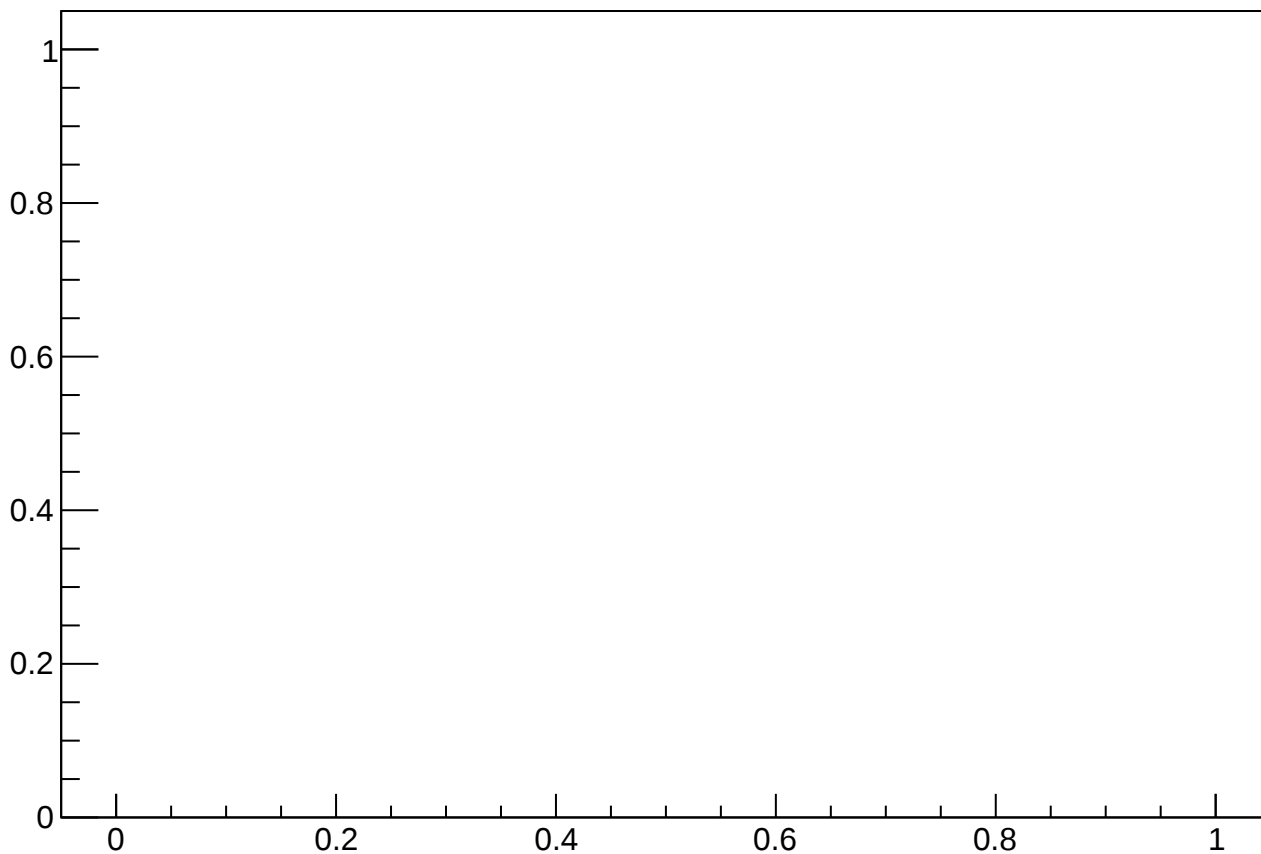
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam5_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

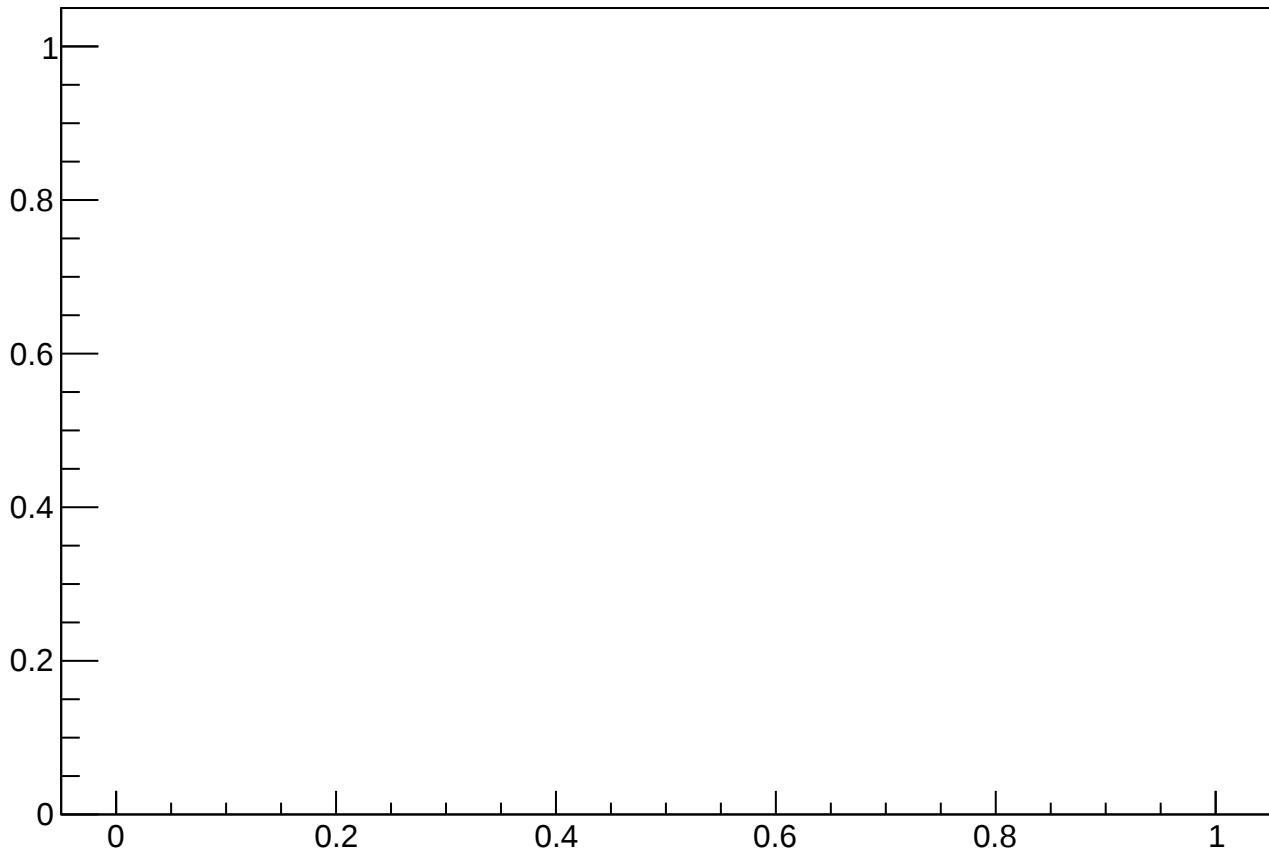
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam6_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

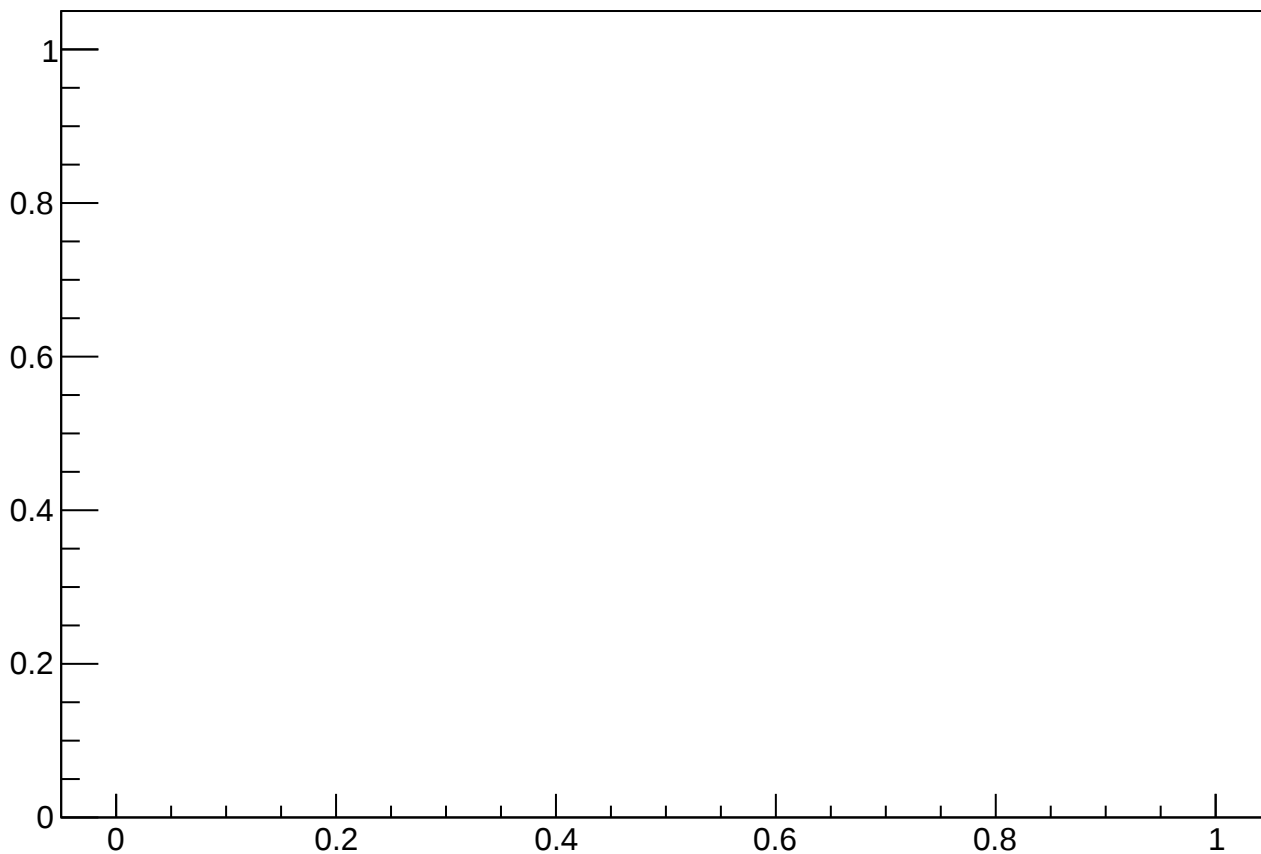
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam6_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

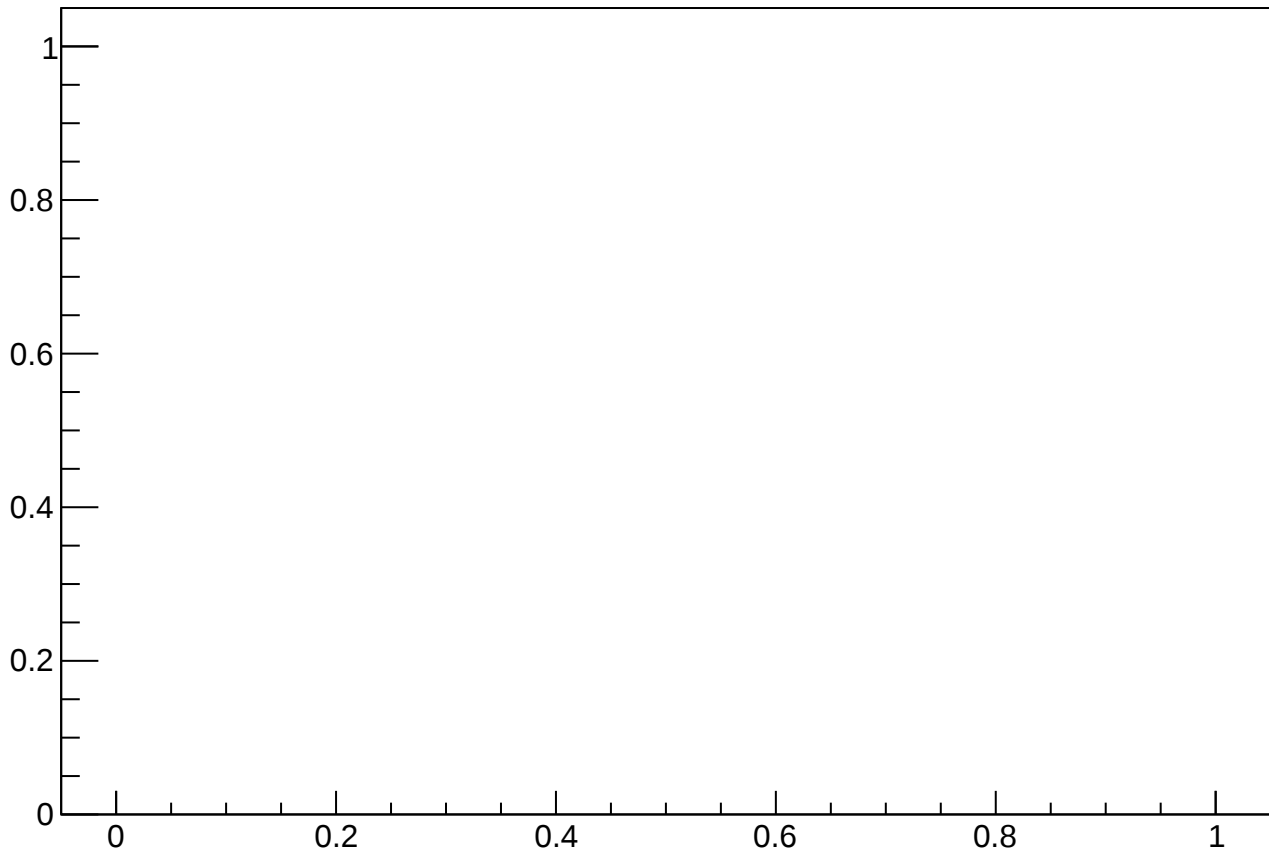
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_sam7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

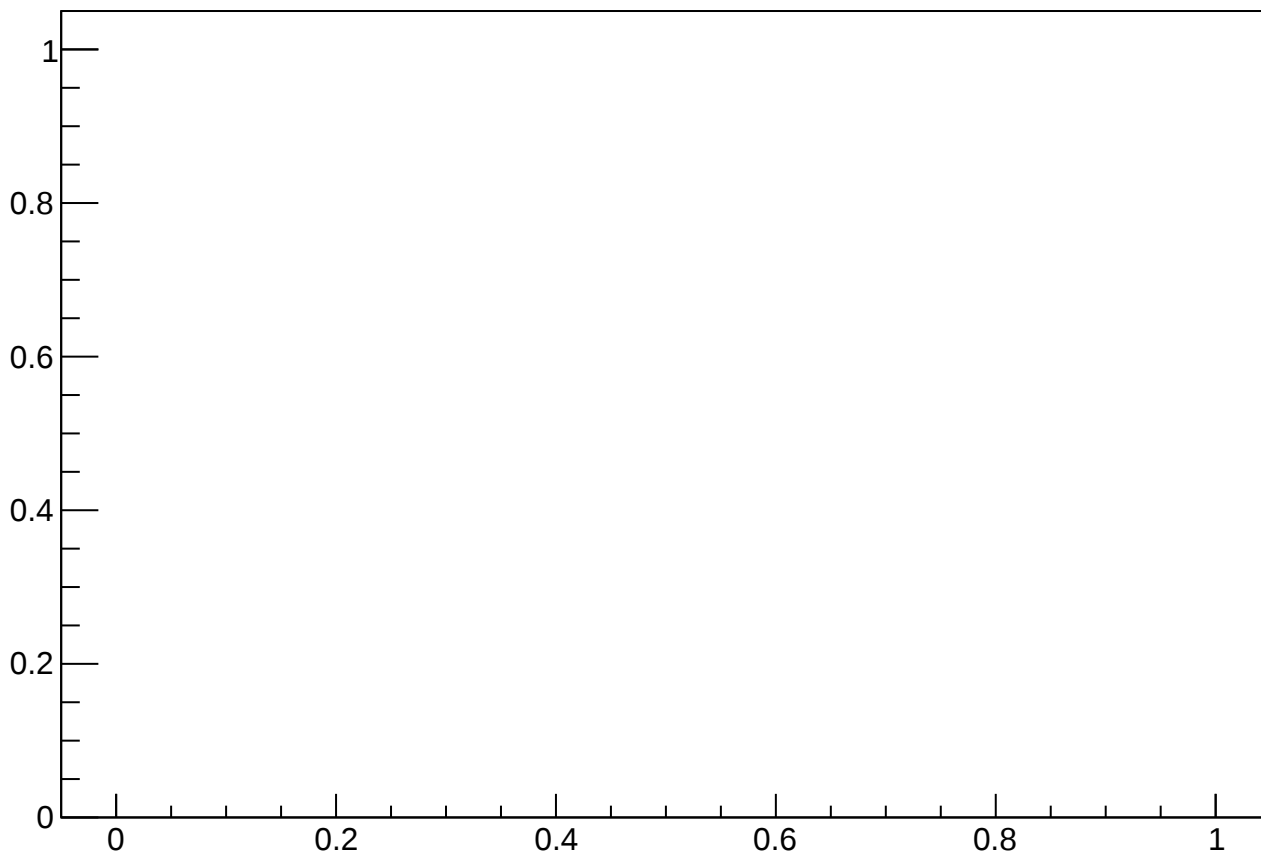
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam7_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

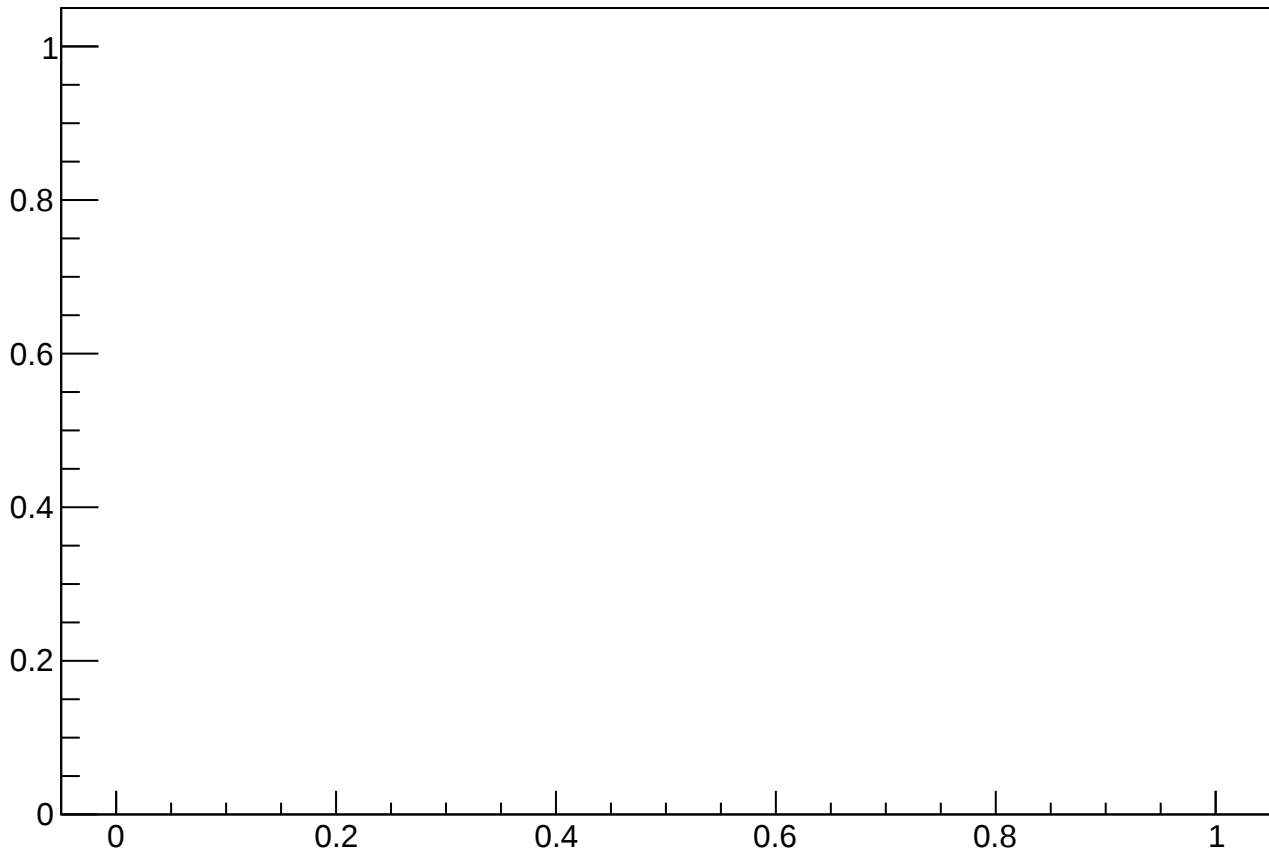
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

cor_sam8_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

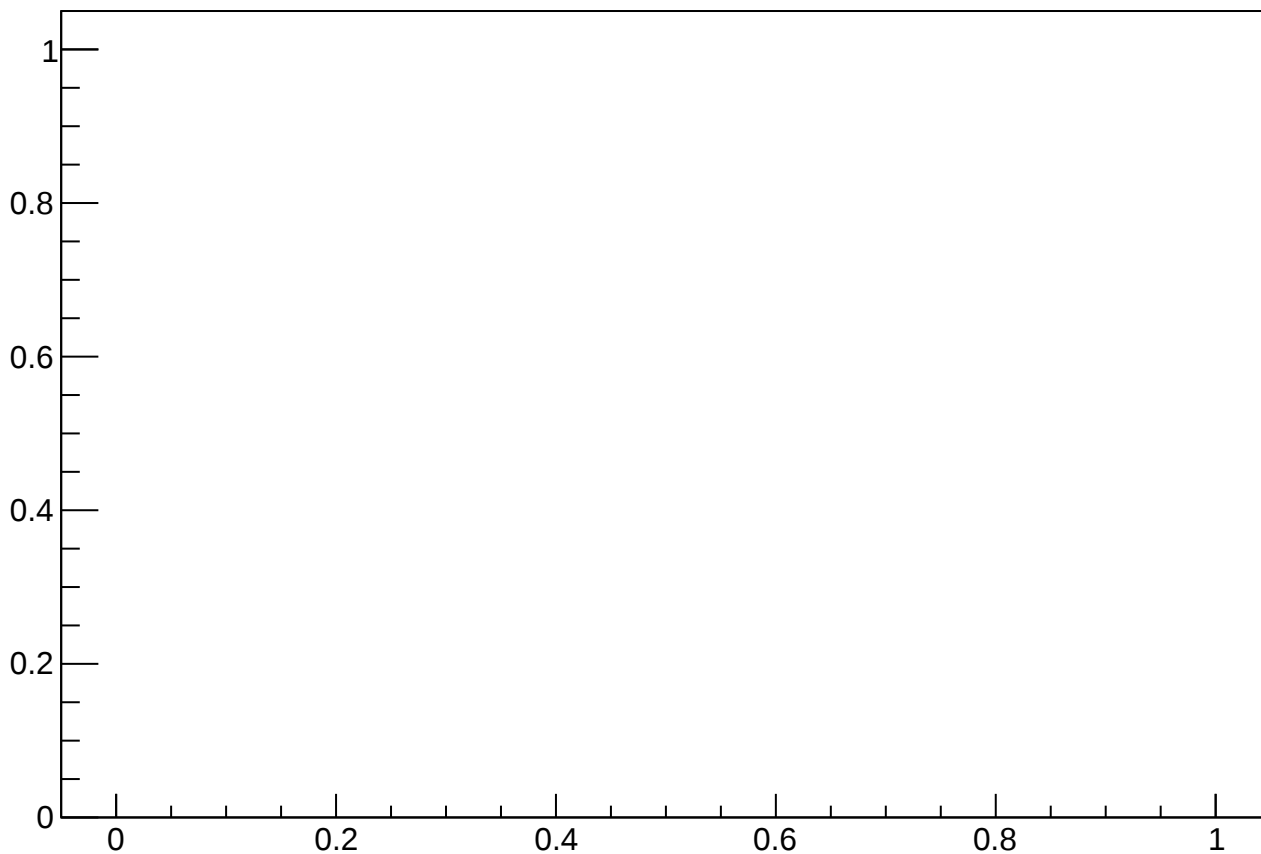
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_sam8_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

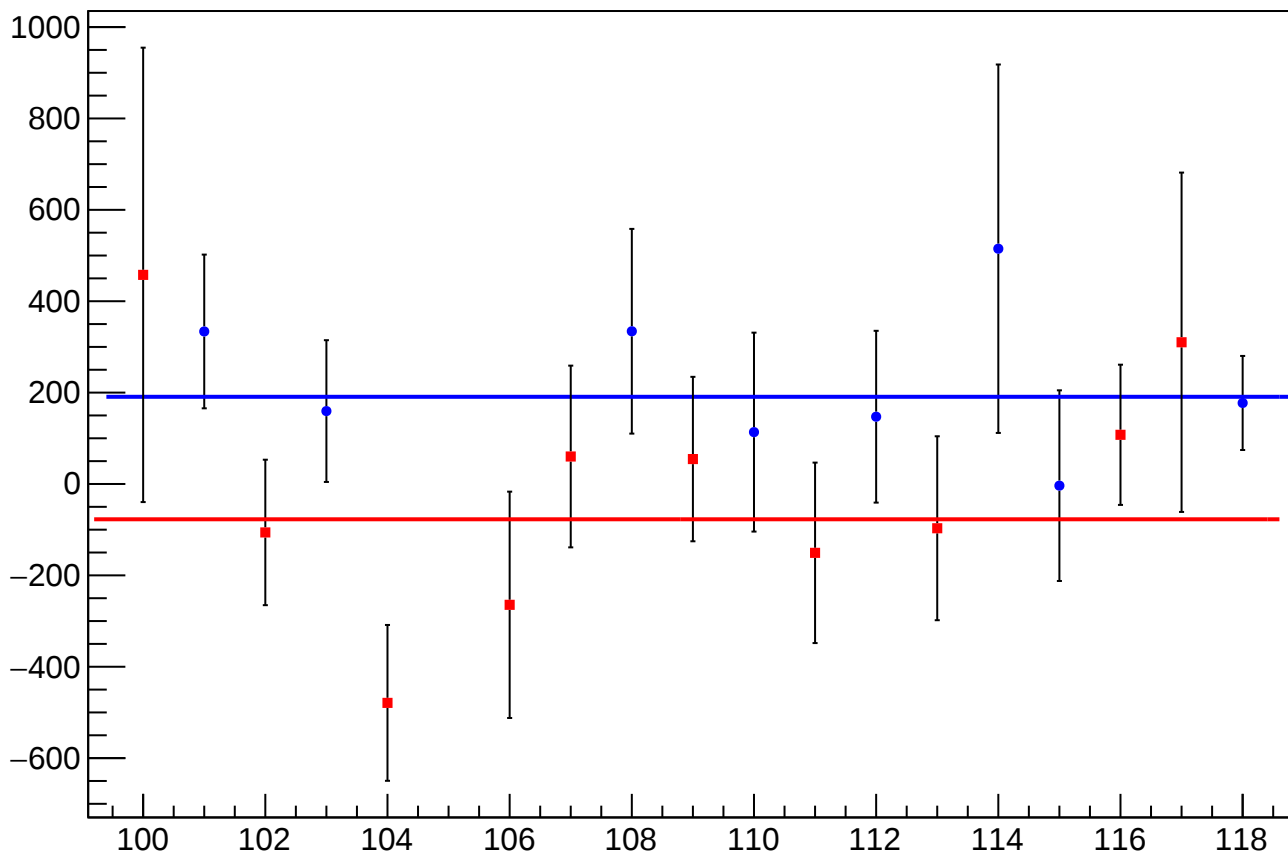
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam1_mean vs Slug



Right In: 190.822+/-60.891 χ^2/NDF : 2.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

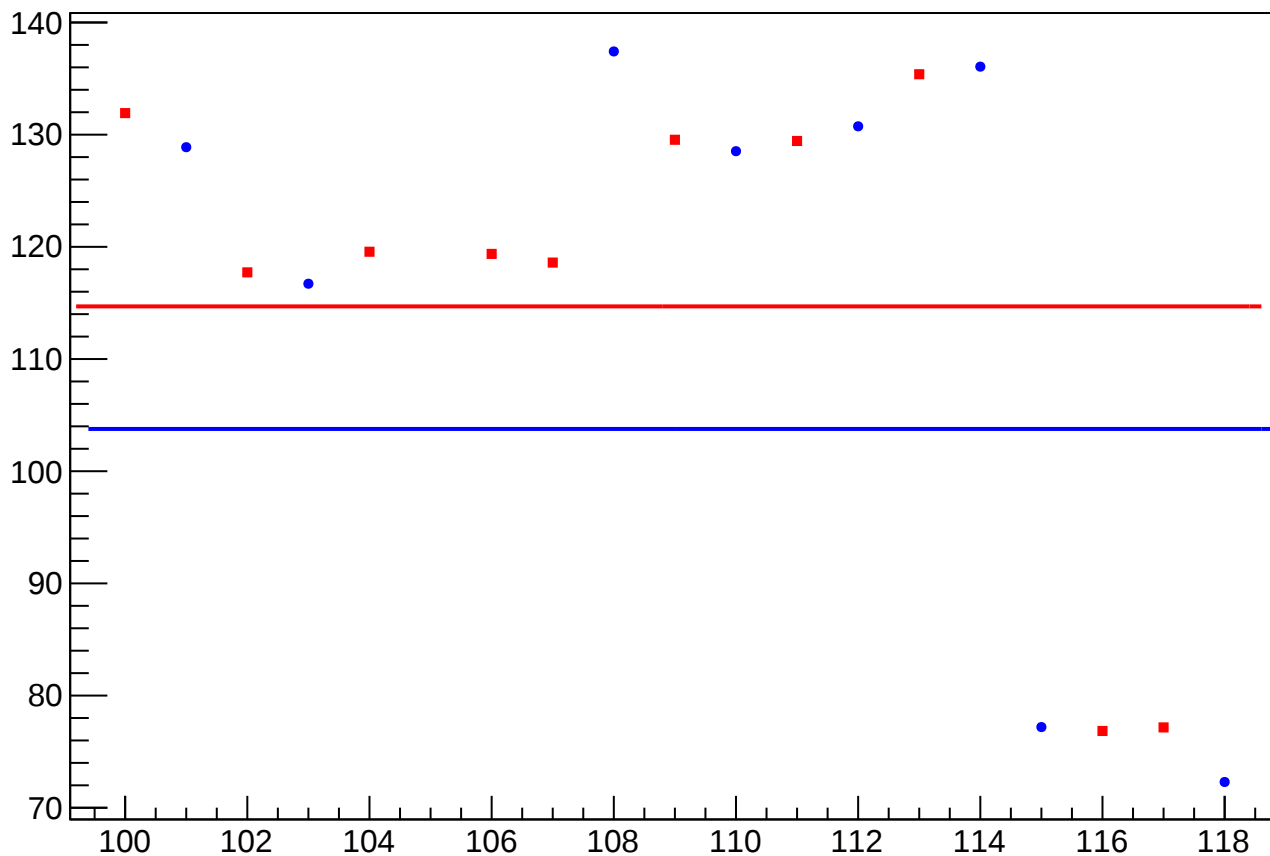
Right Out: -77.266+/-63.196 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

190.822+/-60.891 χ^2/NDF : 2.9/7

-77.266+/-63.196 χ^2/NDF : 11.0/9

reg_asym_sam1_rms vs Slug



Right In: 103.768 $\pm$ 0.043 χ^2 /NDF: 402888.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

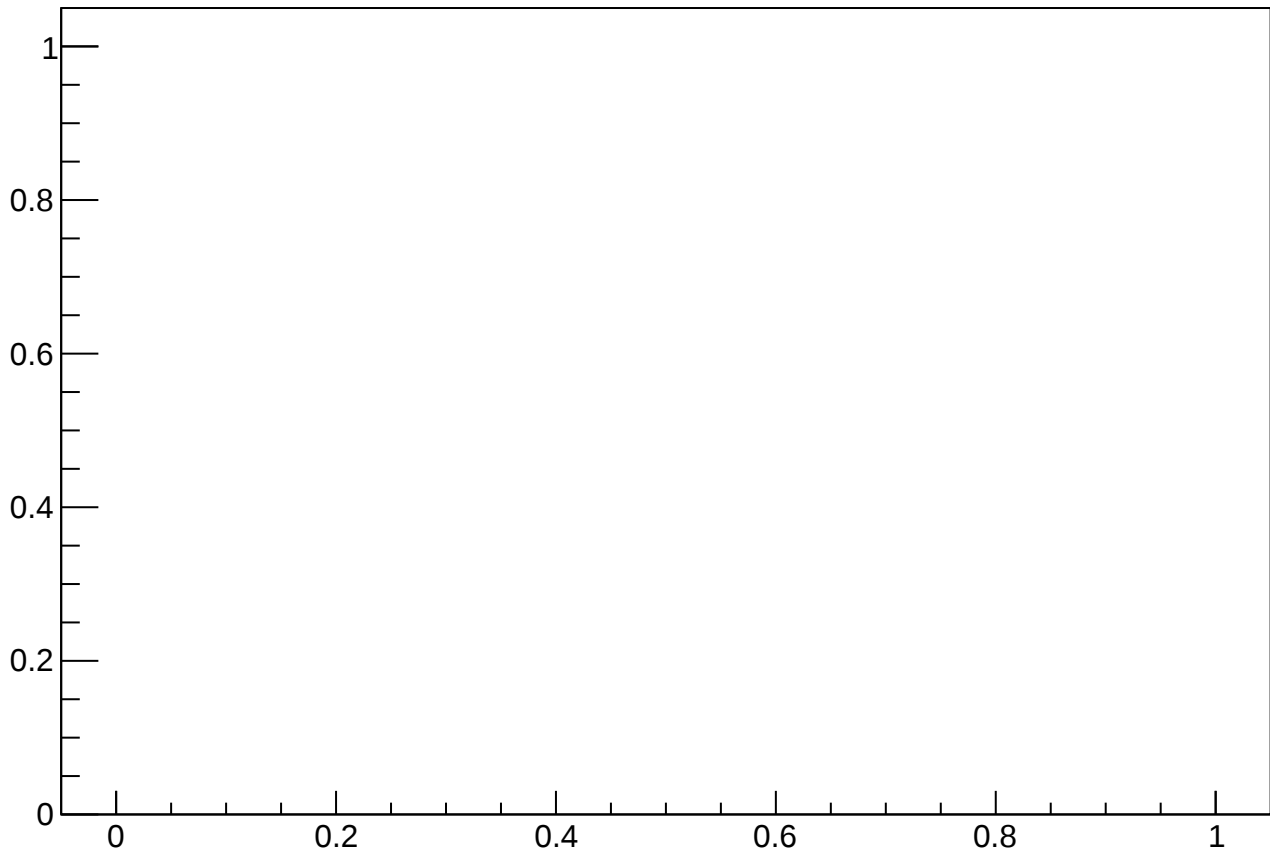
Right Out: 114.692 $\pm$ 0.045 χ^2 /NDF: 194243.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

103.768 $\pm$ 0.043 χ^2 /NDF: 402888.0/7

114.692 $\pm$ 0.045 χ^2 /NDF: 194243.8/9

asym_sam1_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

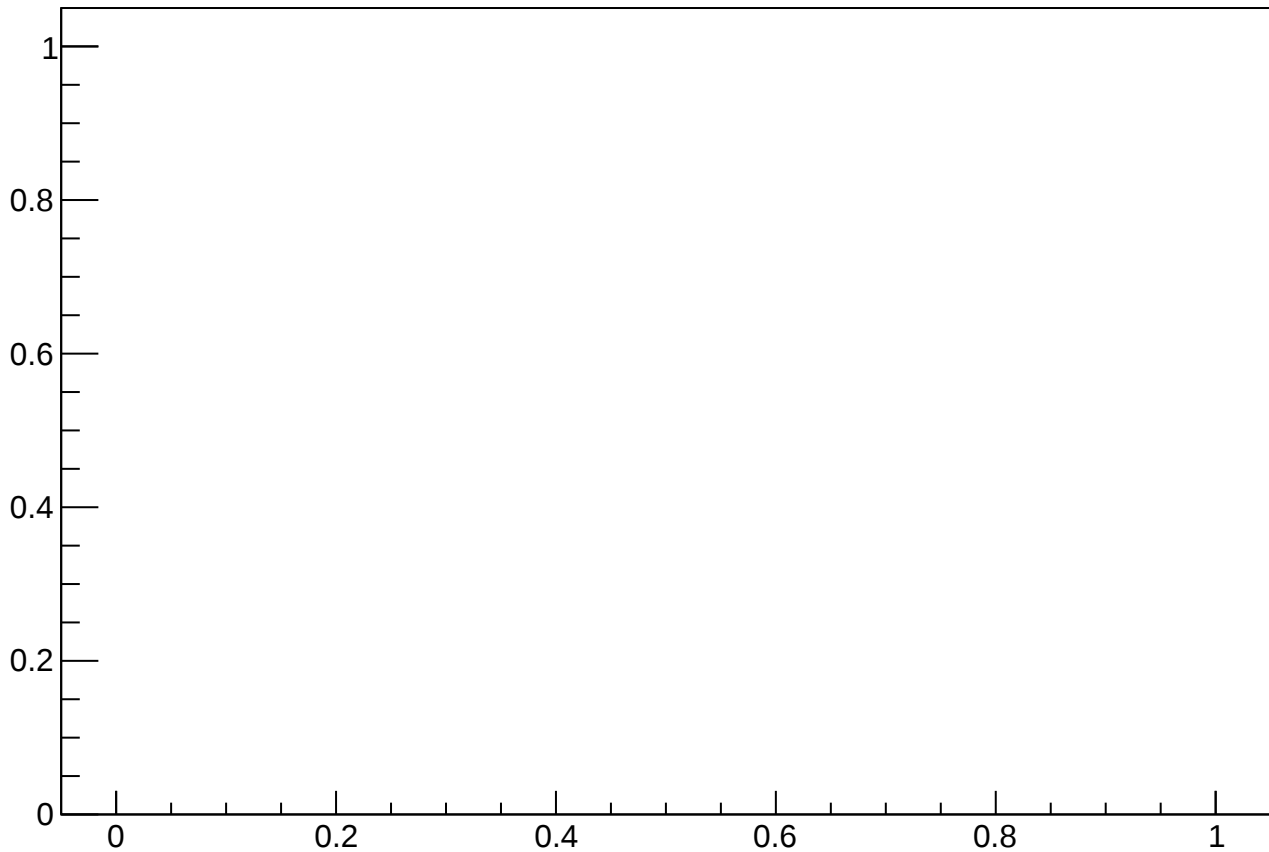
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam1_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

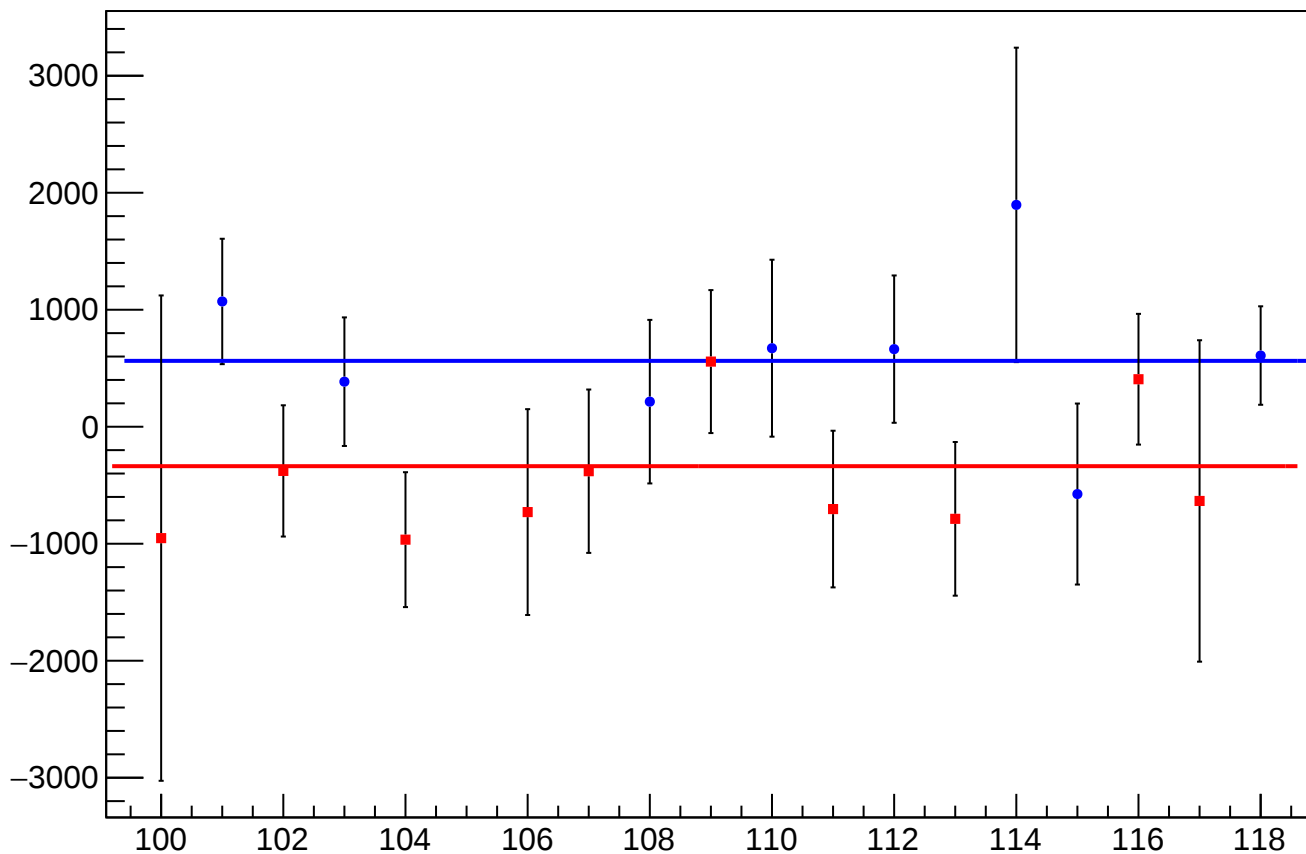
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam2_mean vs Slug



Right In: 563.032 $\pm$ 218.305 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

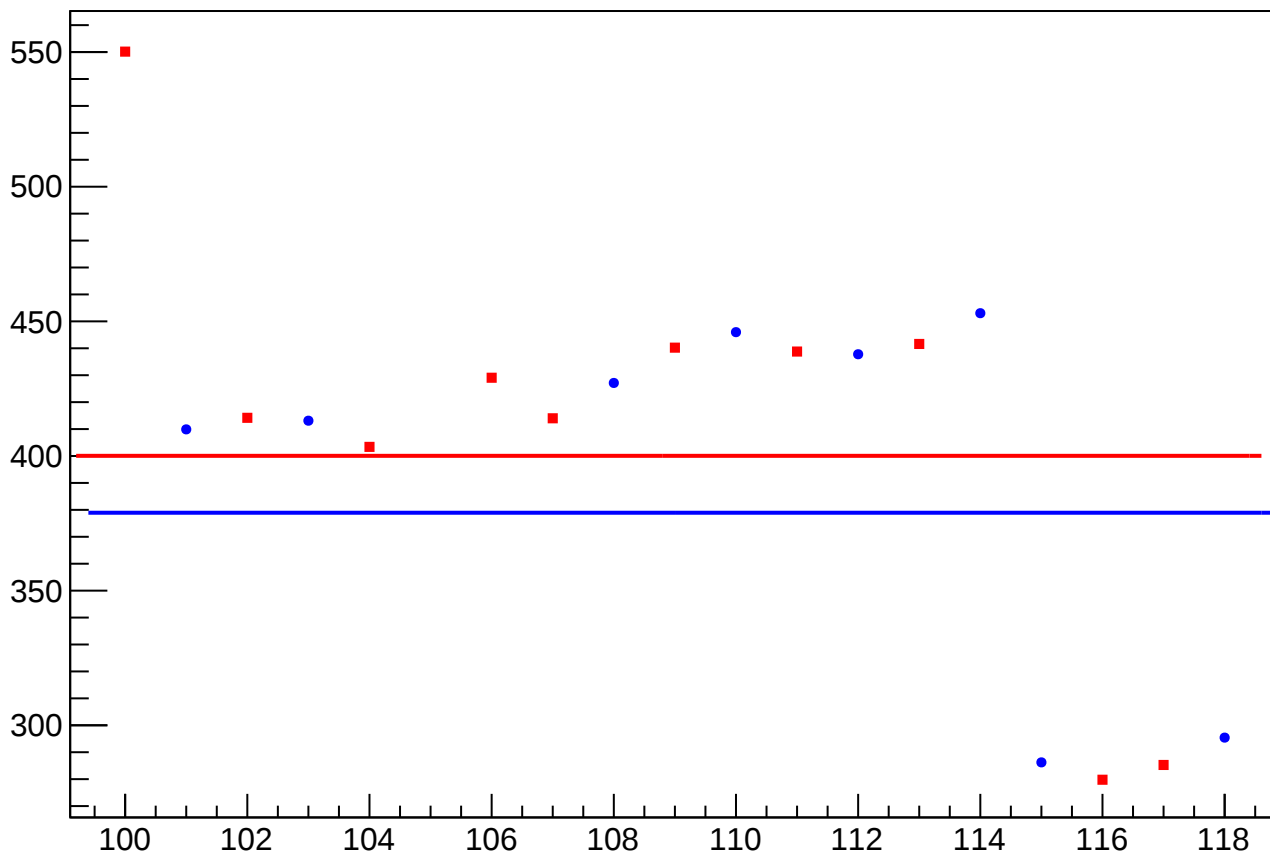
Right Out: -337.142 $\pm$ 219.671 χ^2 /NDF: 6.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

563.032 $\pm$ 218.305 χ^2 /NDF: 4.5/7

-337.142 $\pm$ 219.671 χ^2 /NDF: 6.2/9

reg_asym_sam2_rms vs Slug



Right In: 378.932 $\pm$ 0.154 χ^2 /NDF: 170684.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

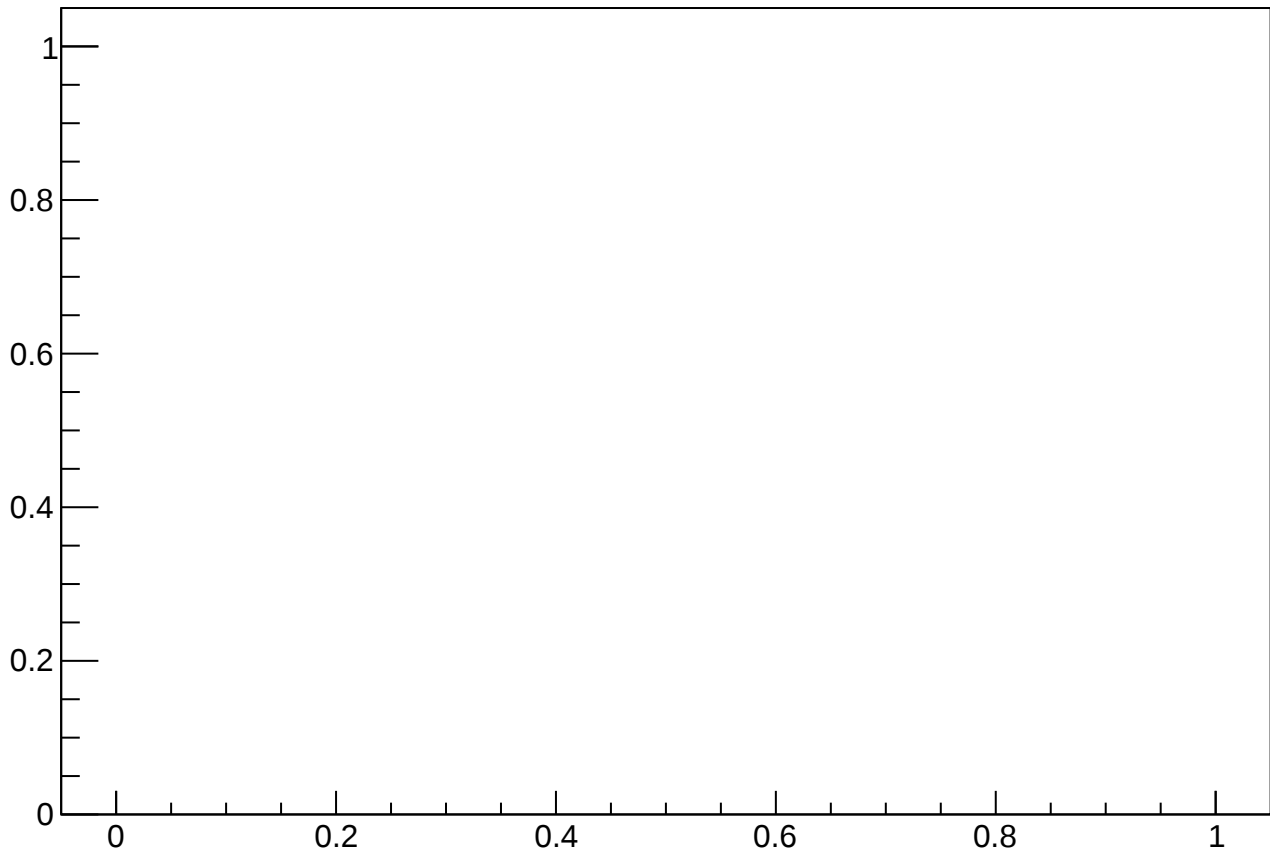
Right Out: 400.065 $\pm$ 0.155 χ^2 /NDF: 144763.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

378.932 $\pm$ 0.154 χ^2 /NDF: 170684.6/7

400.065 $\pm$ 0.155 χ^2 /NDF: 144763.3/9

asym_sam2_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

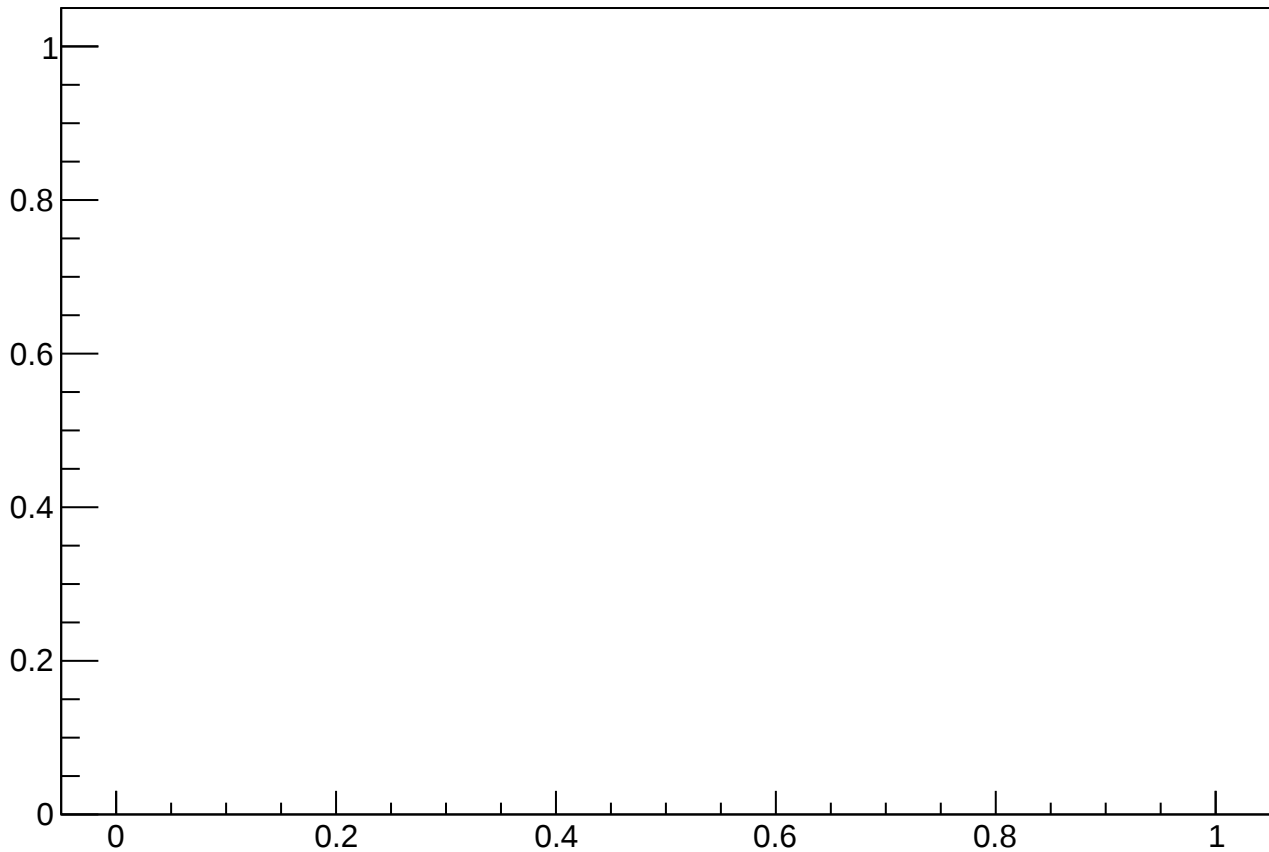
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam2_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

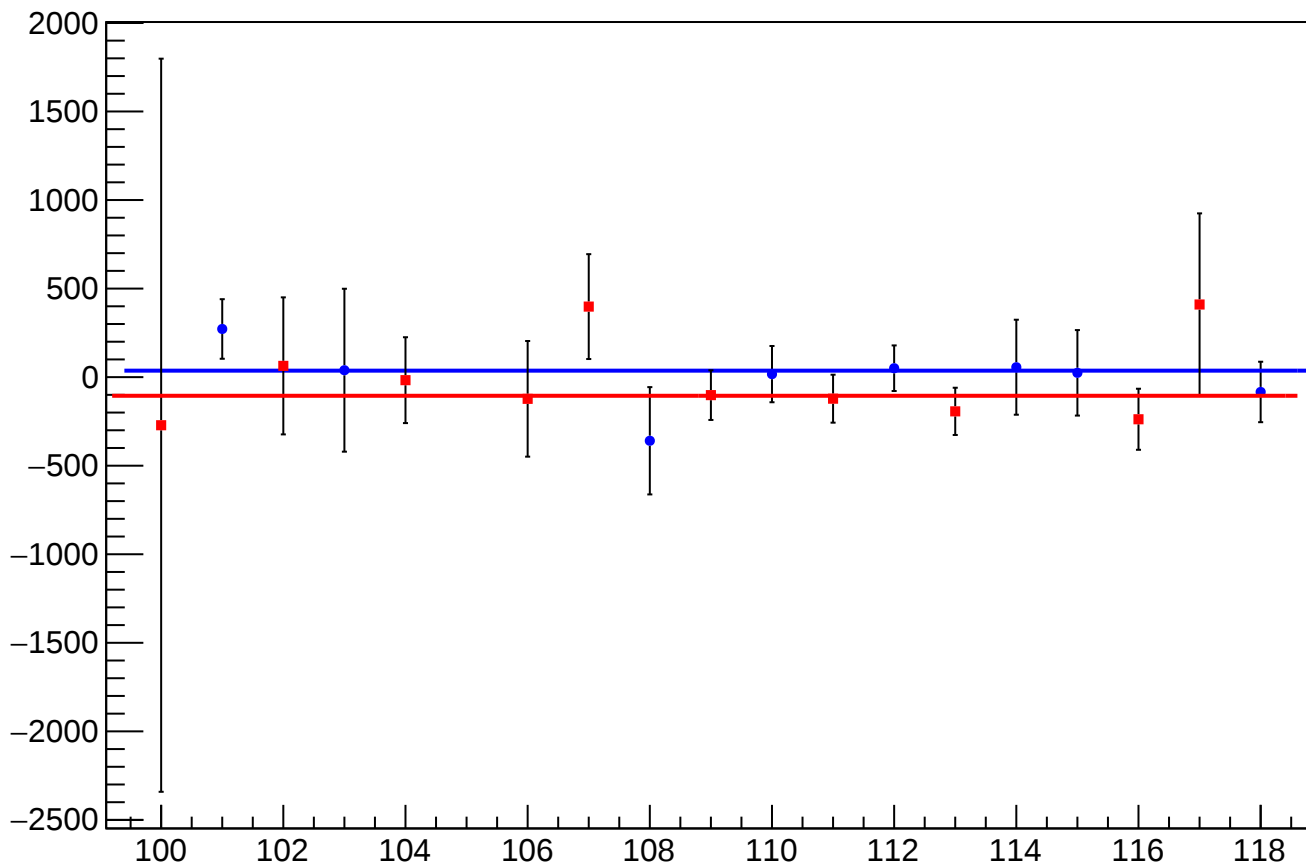
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam3_mean vs Slug



Right In: 36.602+/-67.983 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

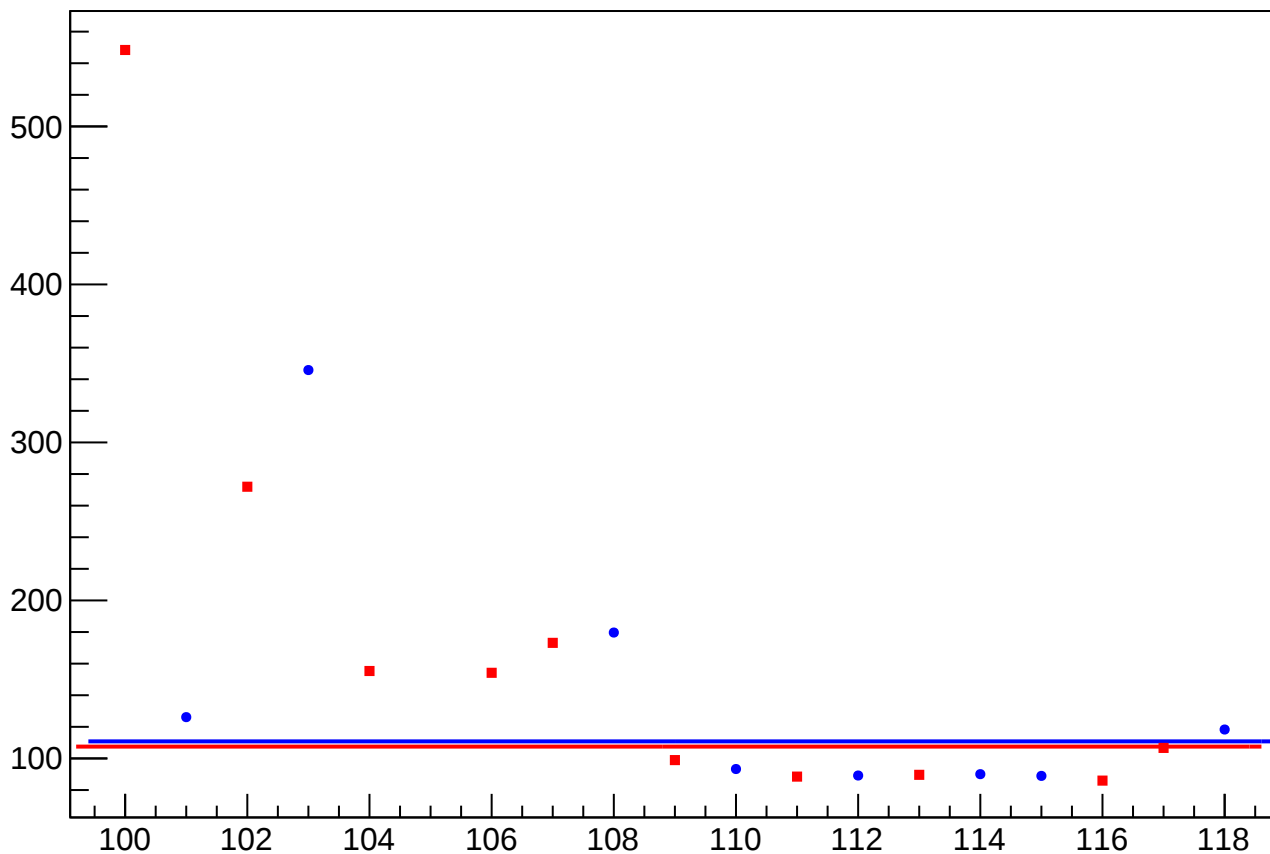
Right Out: -105.229+/-64.041 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.602+/-67.983 χ^2/NDF : 4.2/7

-105.229+/-64.041 χ^2/NDF : 5.3/9

reg_asym_sam3_rms vs Slug



Right In: 110.797+/-0.048 χ^2/NDF : 755035.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

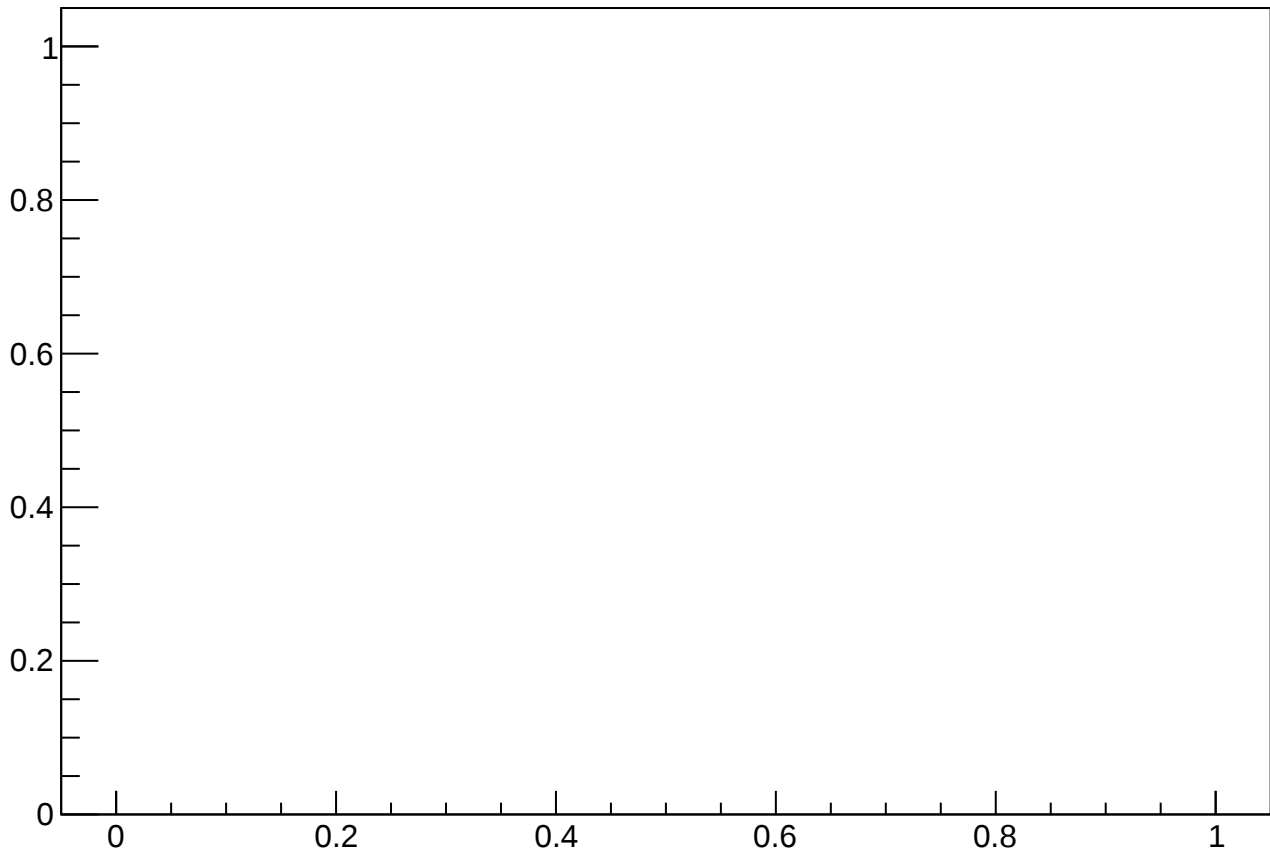
Right Out: 107.493+/-0.045 χ^2/NDF : 783303.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

110.797+/-0.048 χ^2/NDF : 755035.6/7

107.493+/-0.045 χ^2/NDF : 783303.2/9

asym_sam3_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

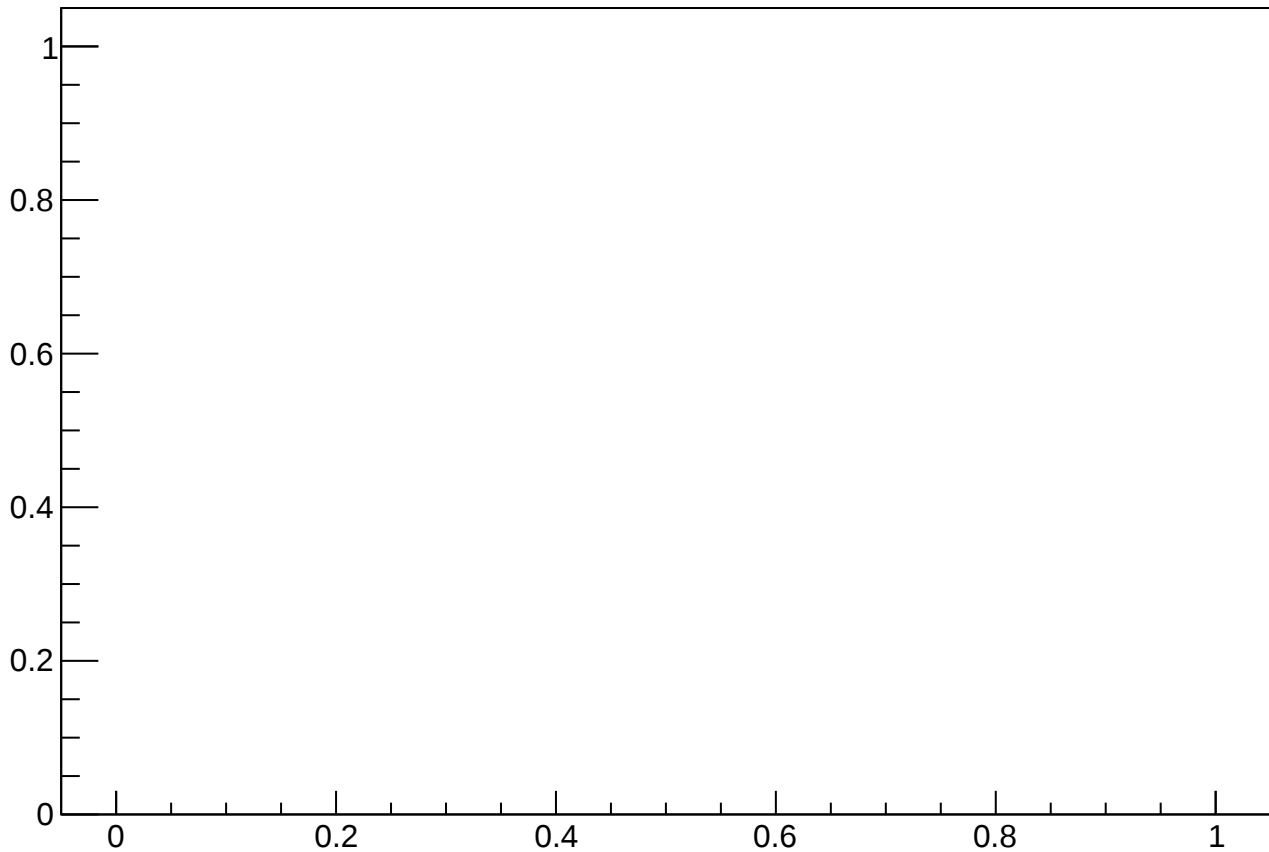
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam3_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

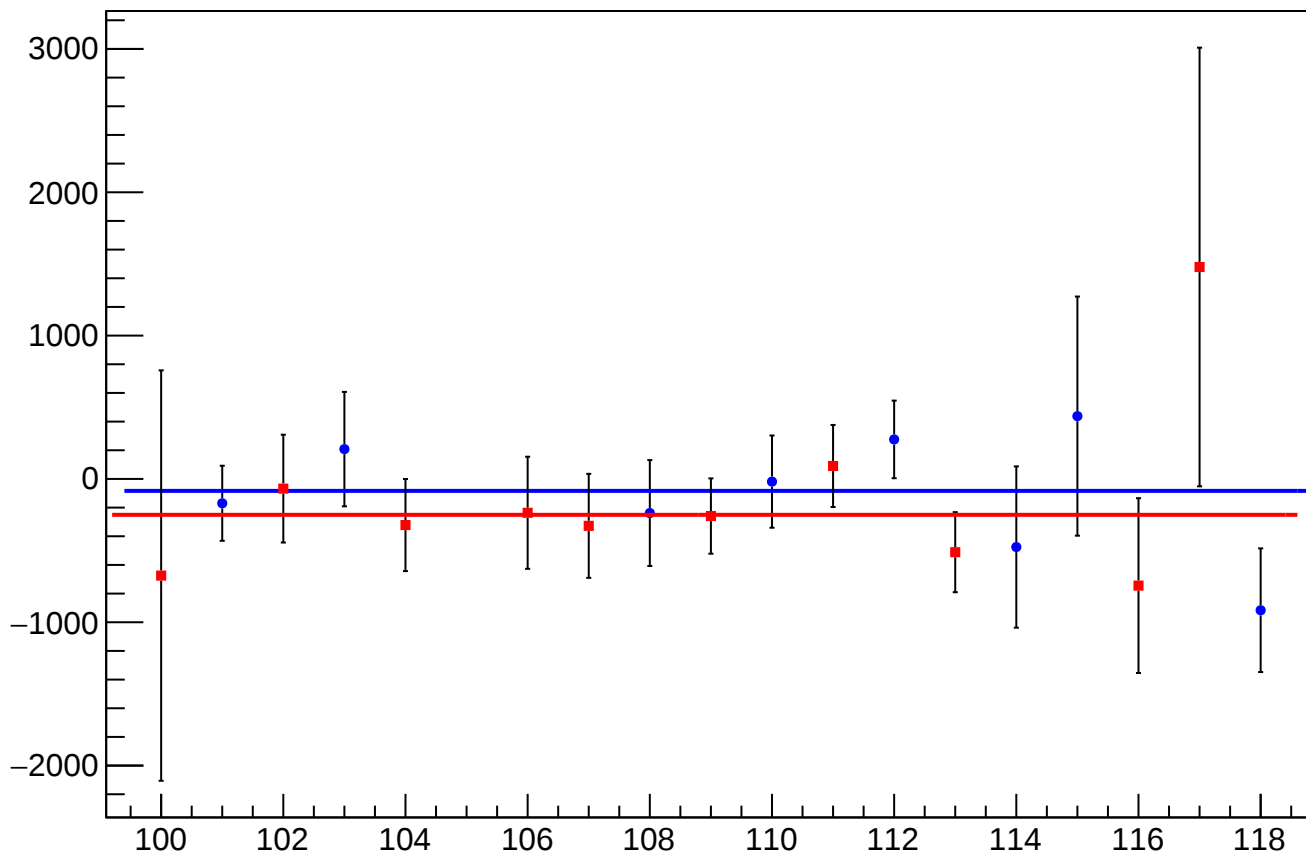
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam4_mean vs Slug



Right In: -83.425+/-127.557 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

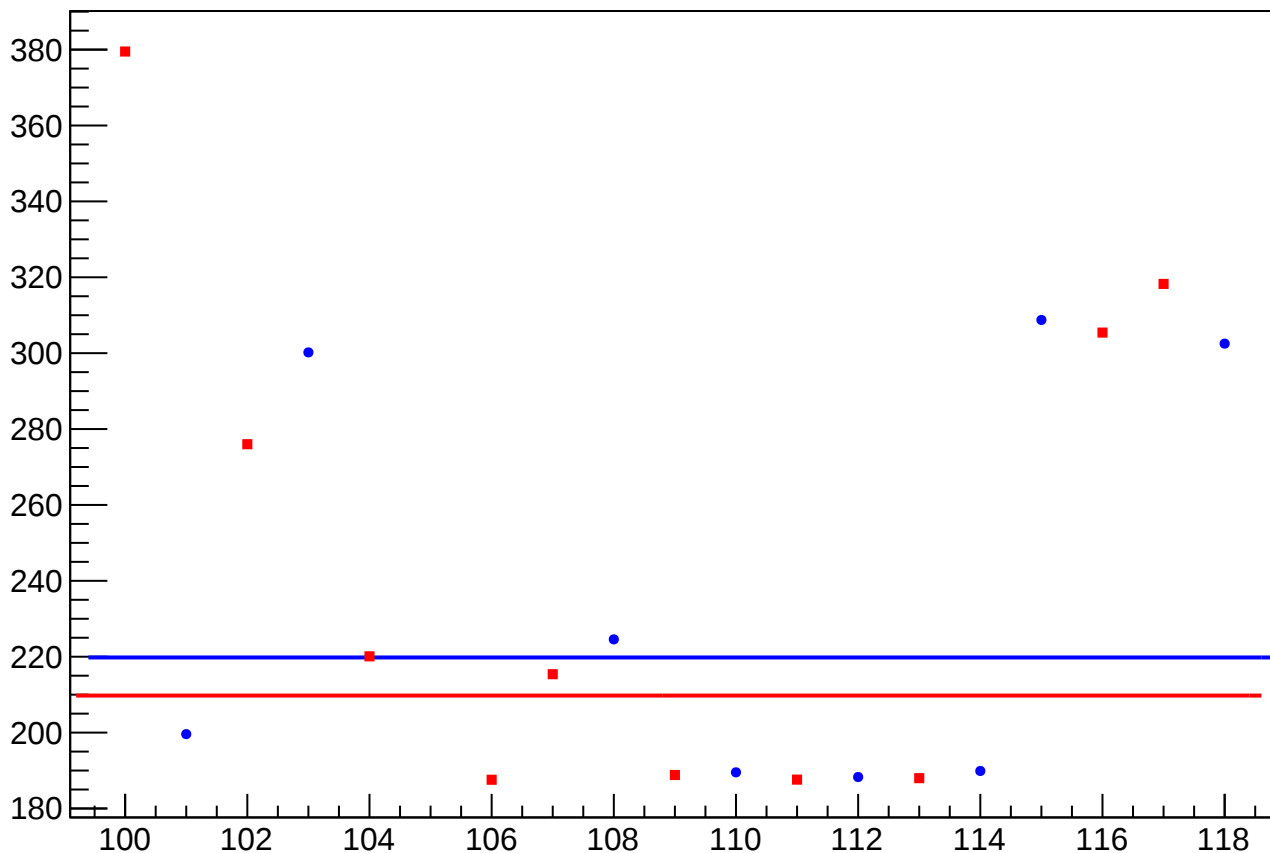
Right Out: -250.364+/-116.254 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-83.425+/-127.557 χ^2/NDF : 7.2/7

-250.364+/-116.254 χ^2/NDF : 4.6/9

reg_asym_sam4_rms vs Slug



Right In: 219.803 $\pm$ 0.090 χ^2 /NDF: 240056.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

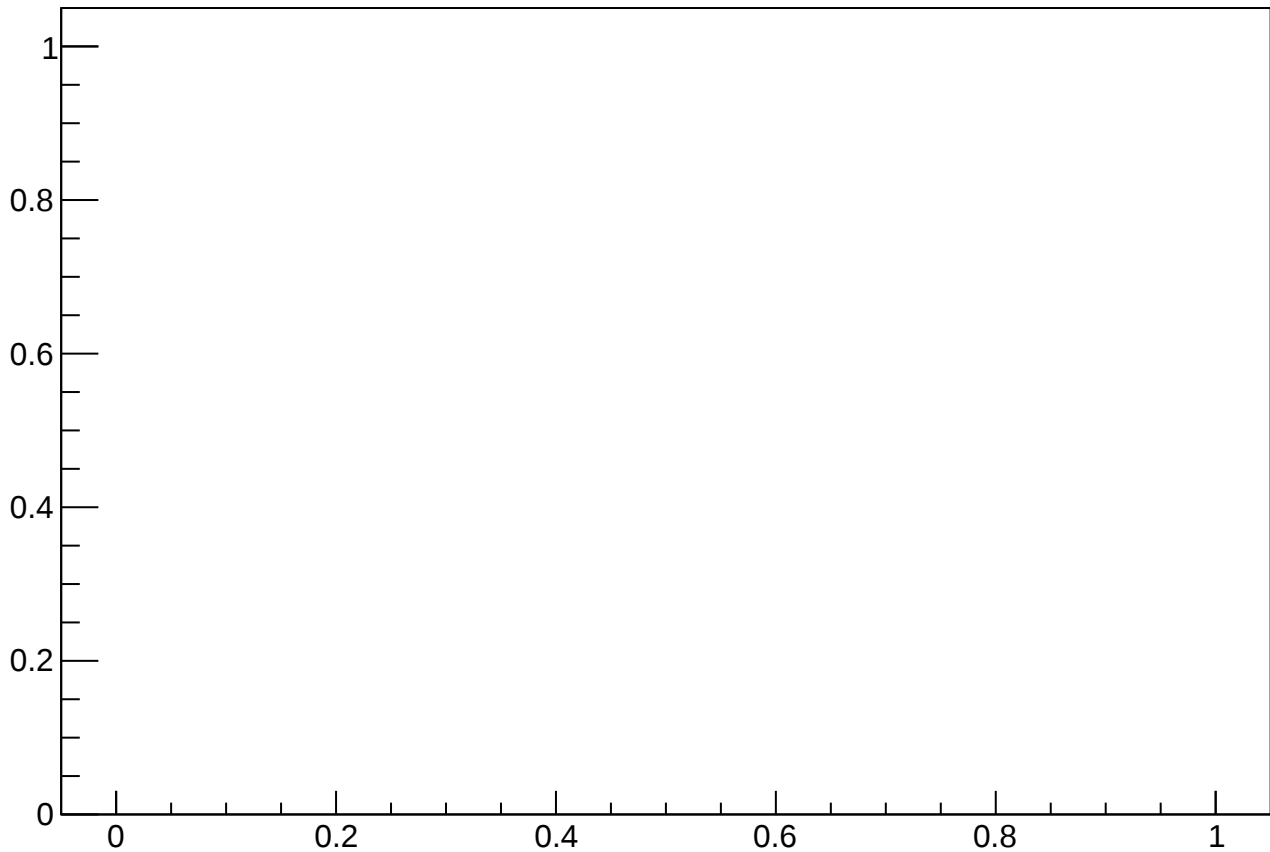
Right Out: 209.764 $\pm$ 0.082 χ^2 /NDF: 195199.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

219.803 $\pm$ 0.090 χ^2 /NDF: 240056.4/7

209.764 $\pm$ 0.082 χ^2 /NDF: 195199.1/9

asym_sam4_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

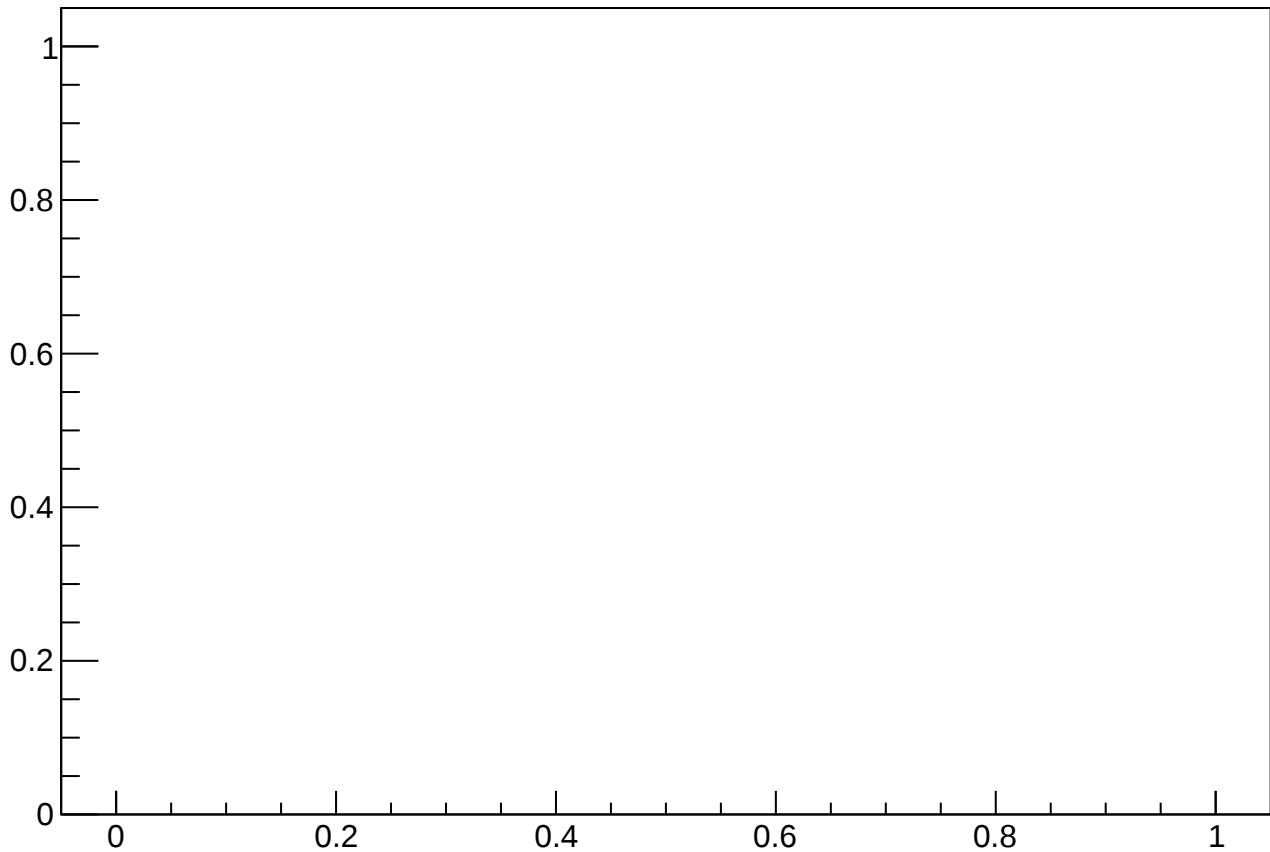
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam4_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

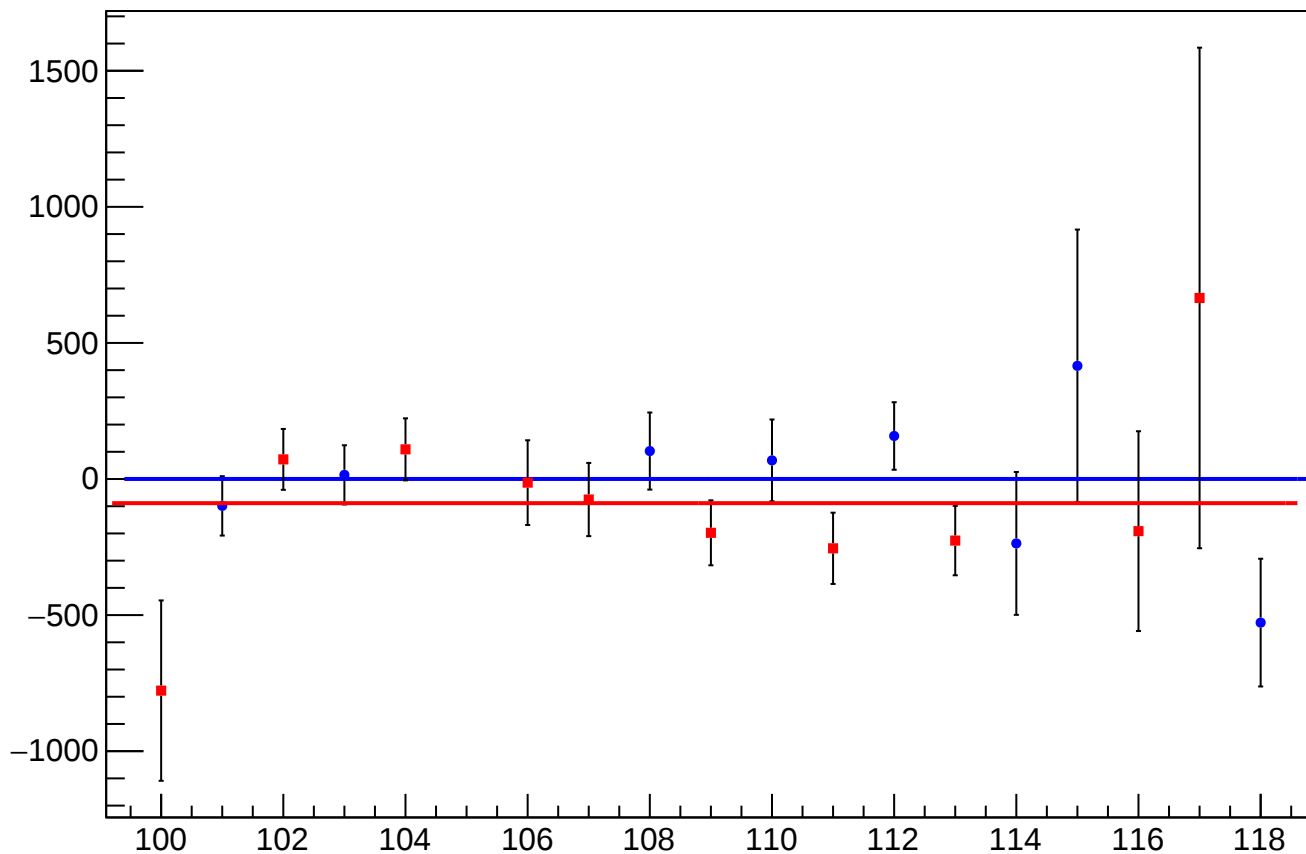
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam5_mean vs Slug



Right In: 0.207 $\pm$ 52.390 χ^2/NDF : 9.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

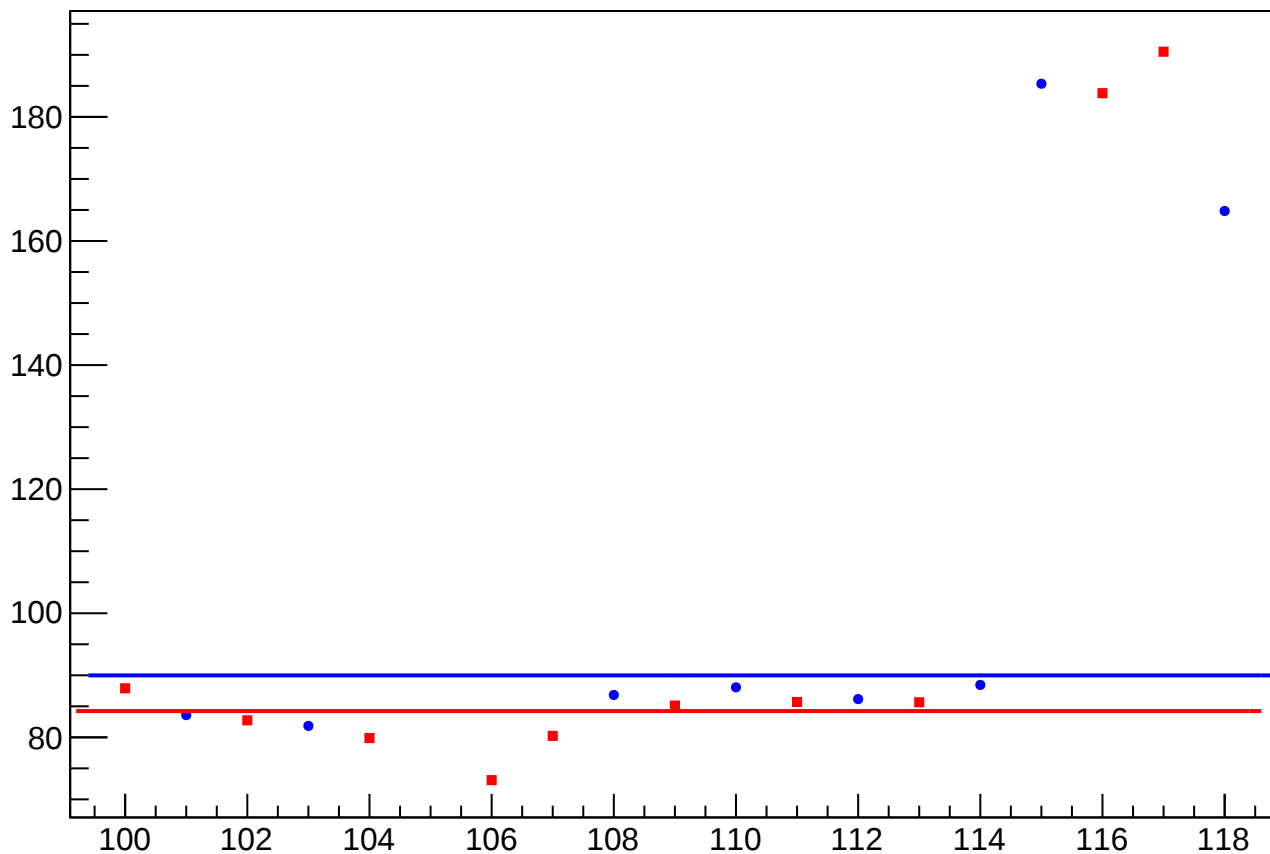
Right Out: -88.731 $\pm$ 46.563 χ^2/NDF : 14.0/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.207 $\pm$ 52.390 χ^2/NDF : 9.8/7

-88.731 $\pm$ 46.563 χ^2/NDF : 14.0/9

reg_asym_sam5_rms vs Slug



Right In: 89.986 $\pm$ 0.037 χ^2 /NDF: 297371.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

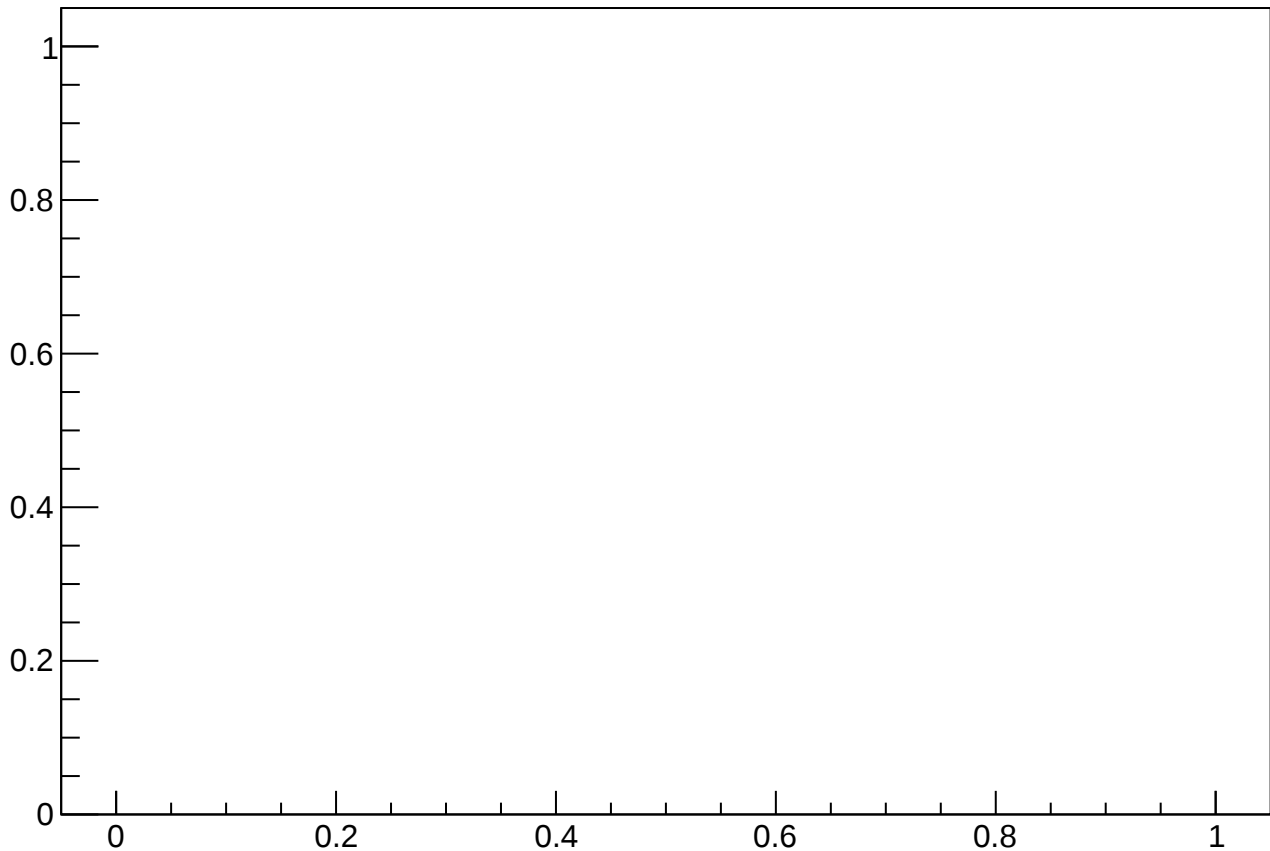
Right Out: 84.232 $\pm$ 0.033 χ^2 /NDF: 190078.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

89.986 $\pm$ 0.037 χ^2 /NDF: 297371.8/7

84.232 $\pm$ 0.033 χ^2 /NDF: 190078.0/9

asym_sam5_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

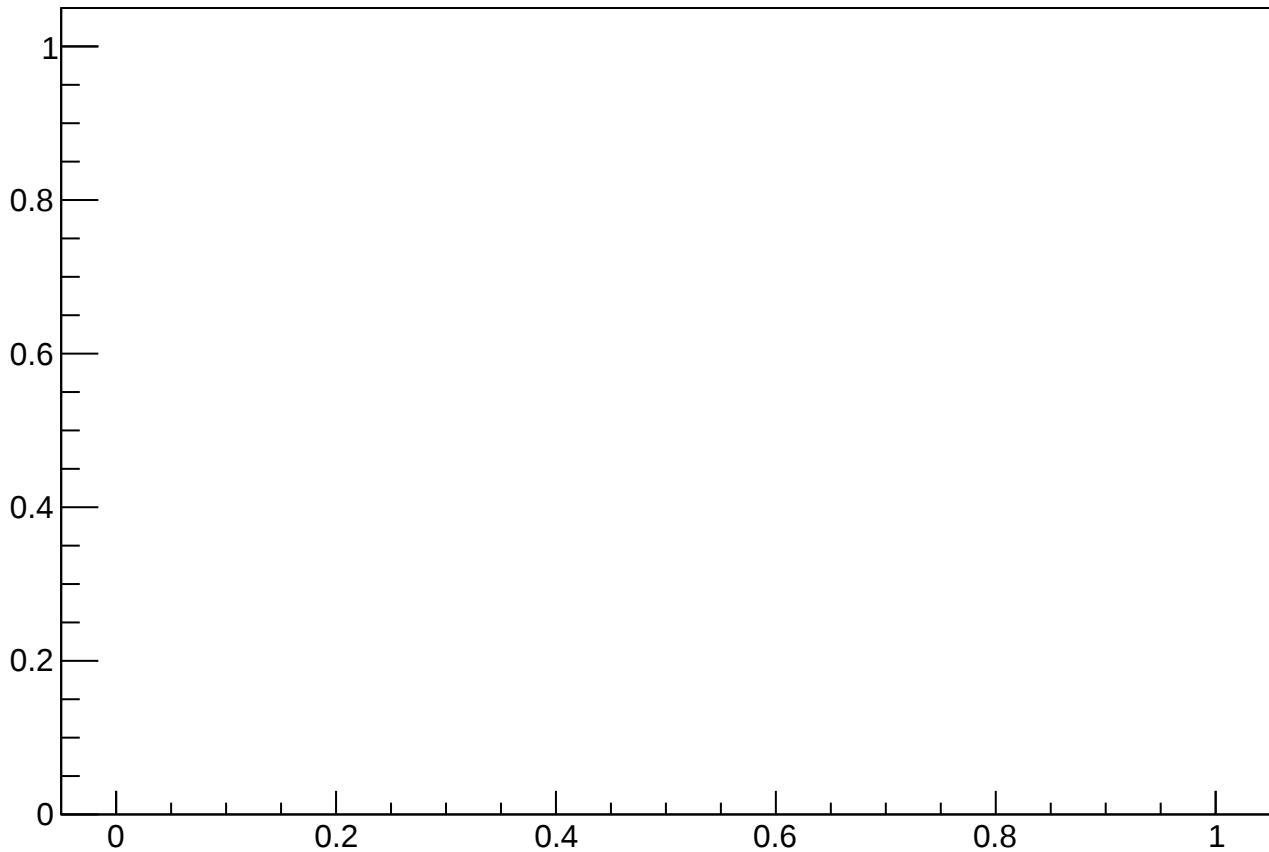
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam5_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

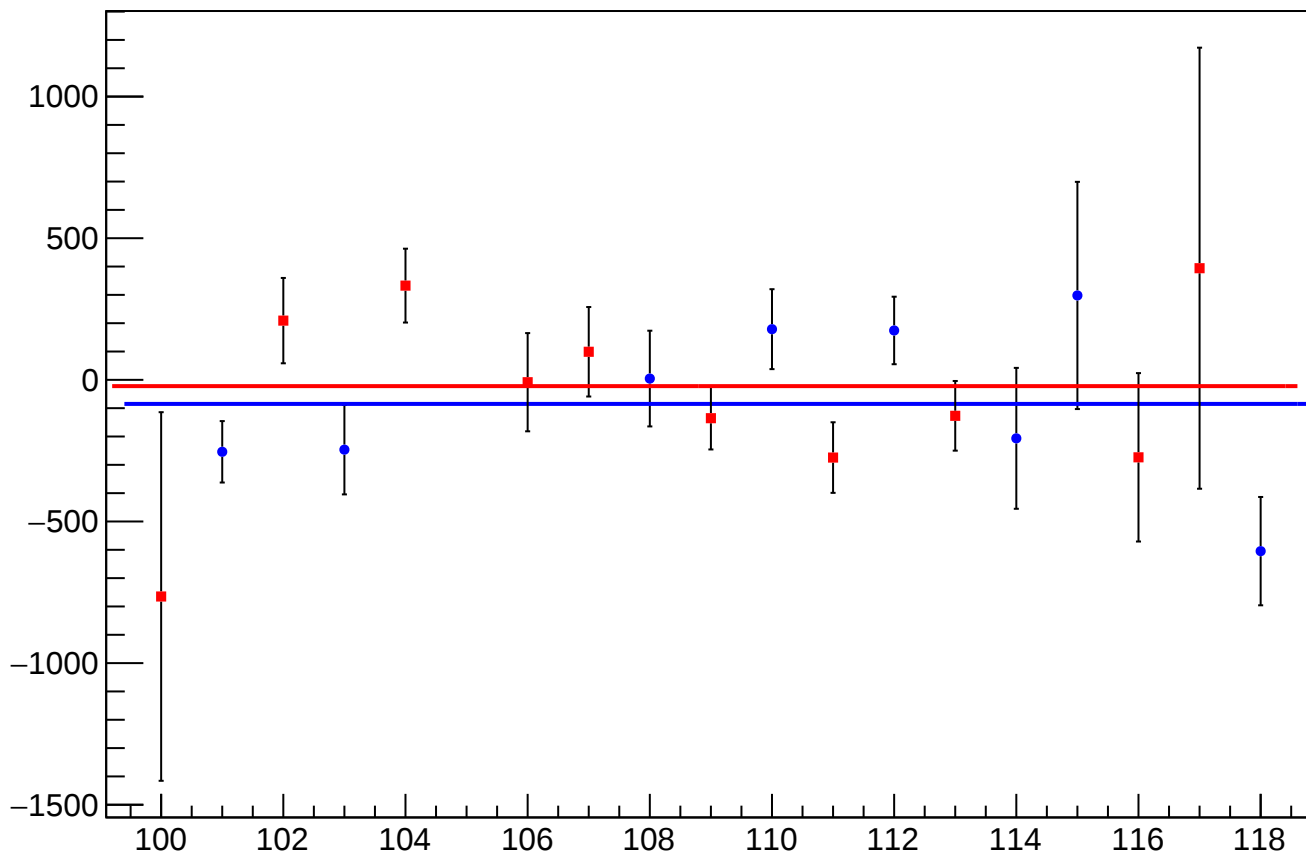
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam6_mean vs Slug



Right In: -84.947 ± 55.003 χ^2/NDF : 20.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

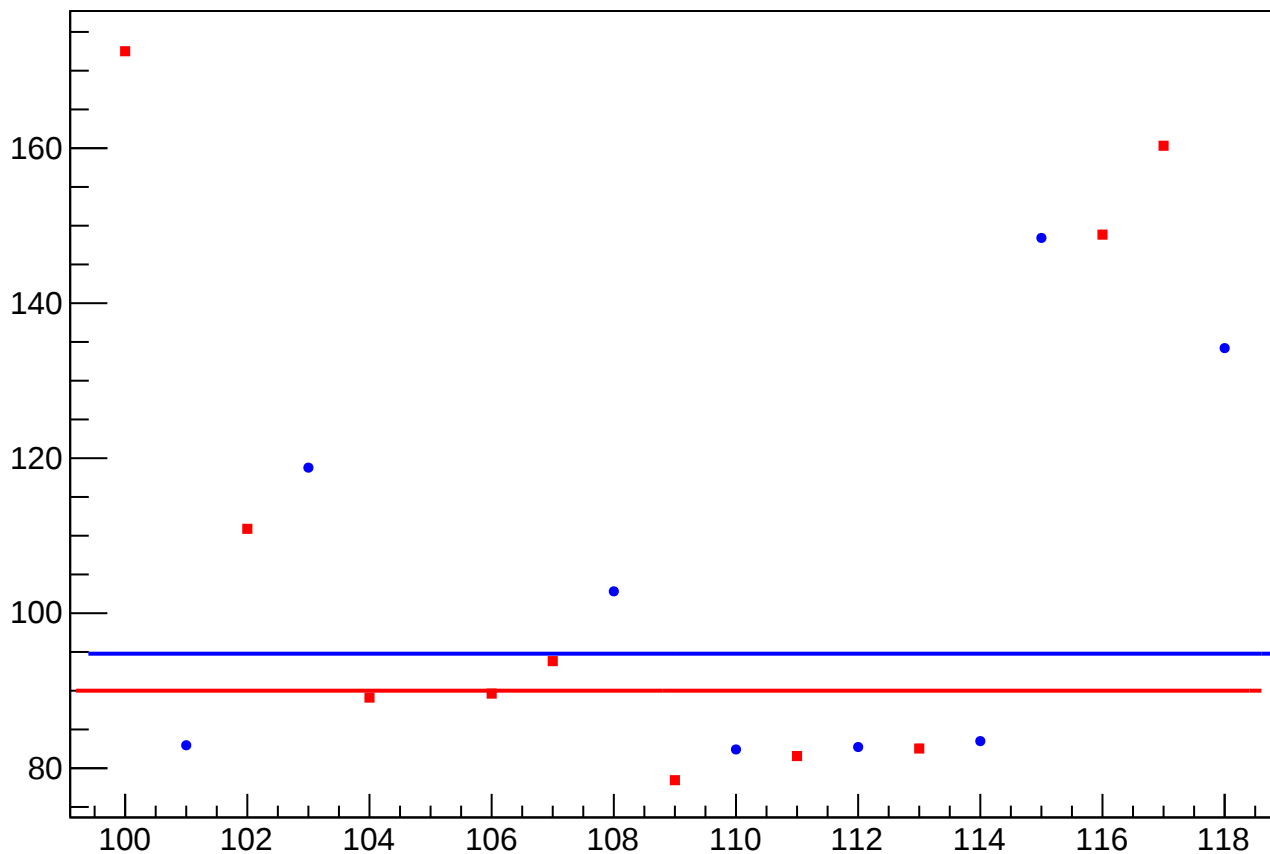
Right Out: -22.159 ± 49.738 χ^2/NDF : 18.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-84.947 ± 55.003 χ^2/NDF : 20.5/7

-22.159 ± 49.738 χ^2/NDF : 18.5/9

reg_asym_sam6_rms vs Slug



Right In: 94.777 $\pm$ 0.039 χ^2 /NDF: 235157.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

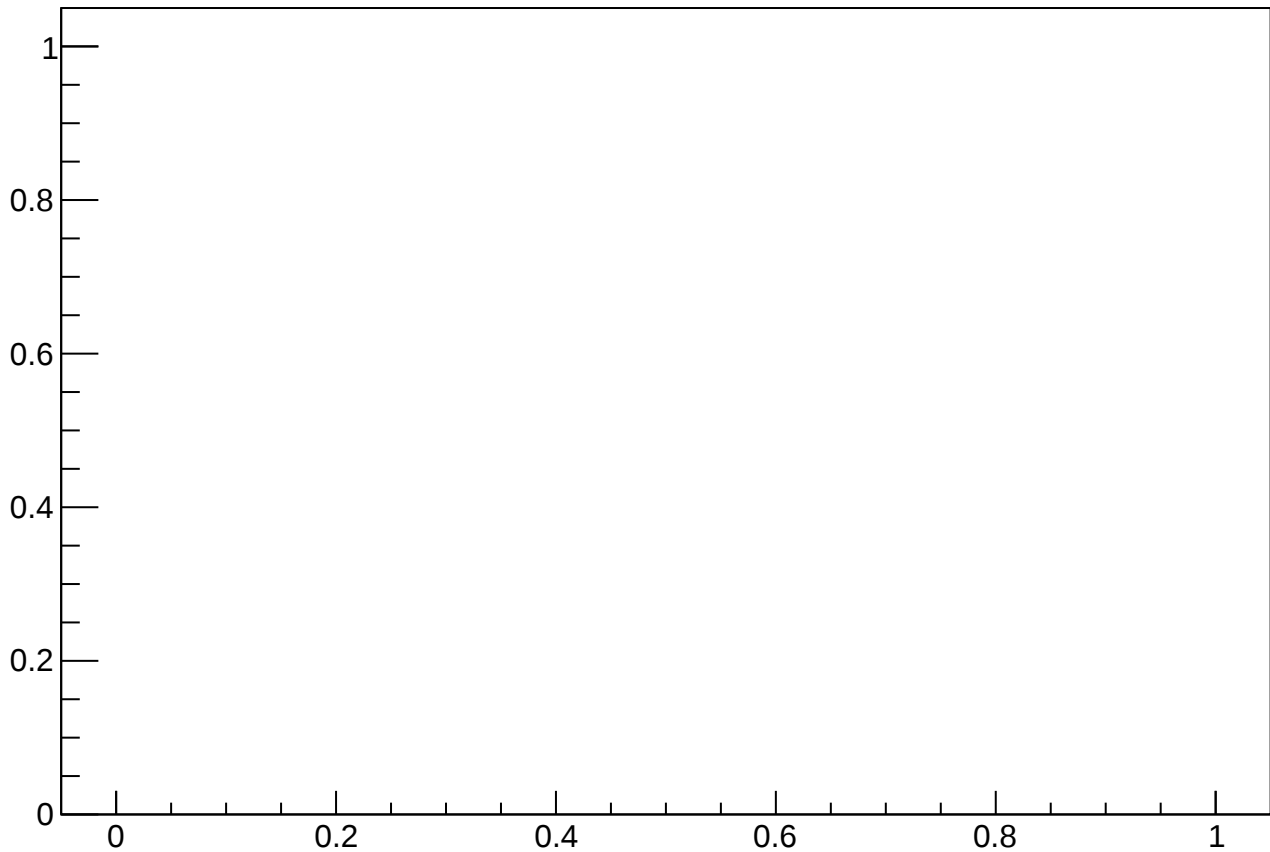
Right Out: 90.004 $\pm$ 0.035 χ^2 /NDF: 204969.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

94.777 $\pm$ 0.039 χ^2 /NDF: 235157.9/7

90.004 $\pm$ 0.035 χ^2 /NDF: 204969.8/9

asym_sam6_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

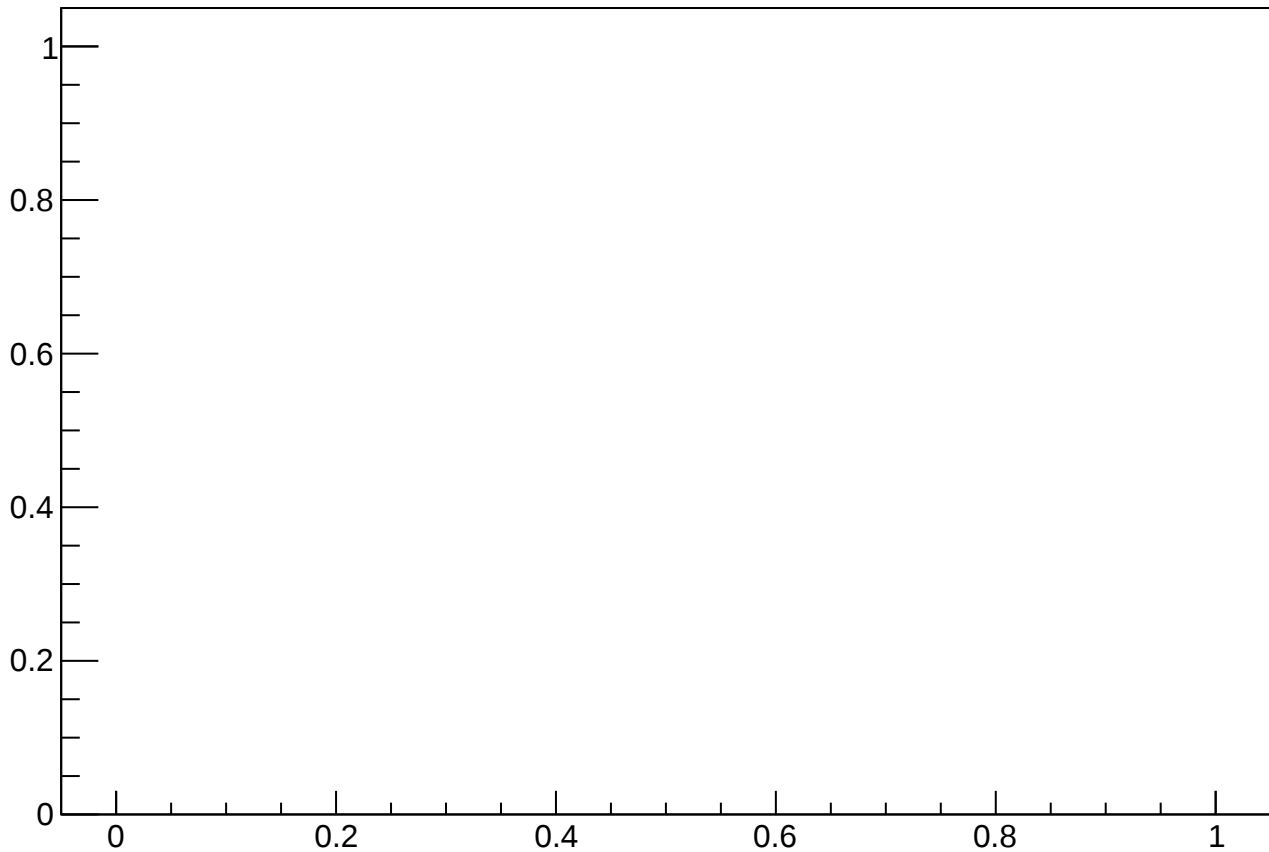
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam6_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

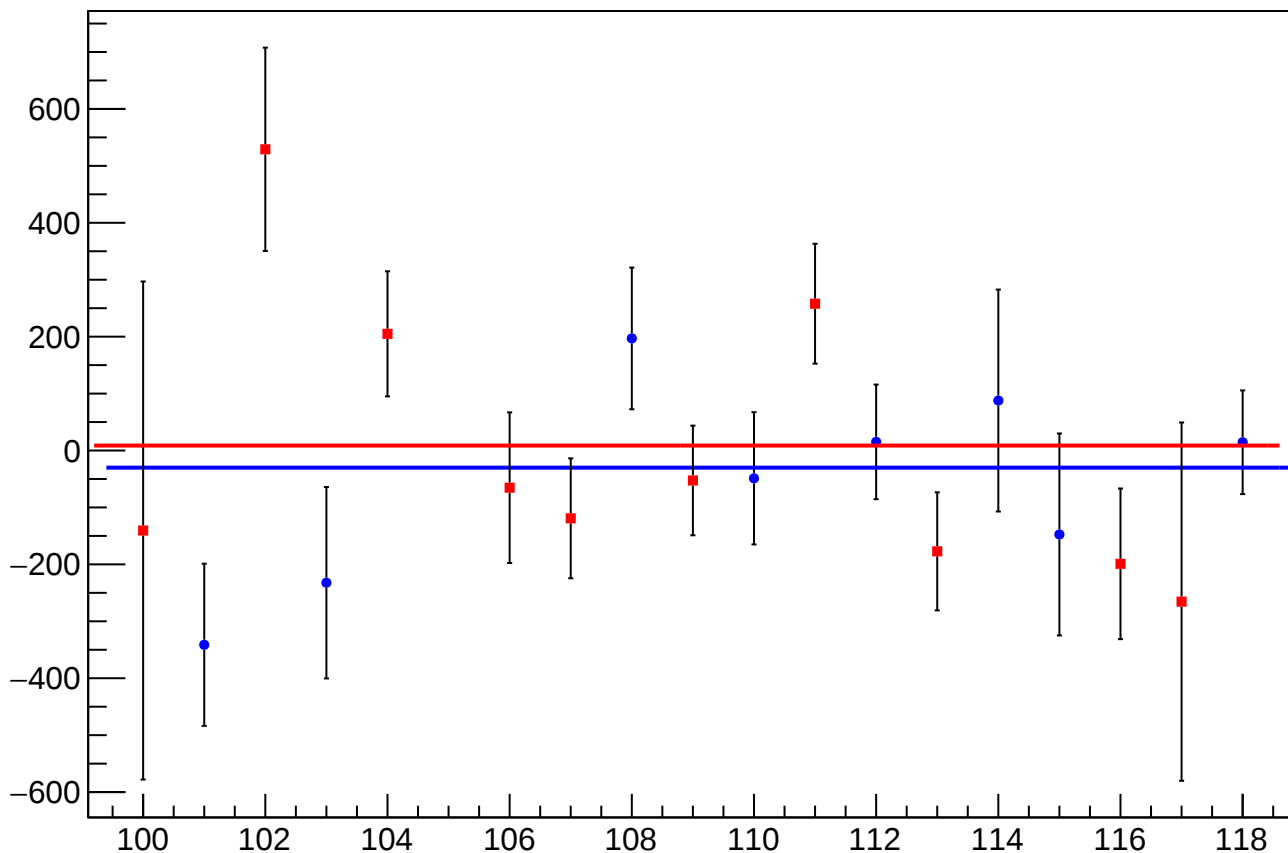
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam7_mean vs Slug



Right In: -30.101+/-44.693 χ^2/NDF : 10.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

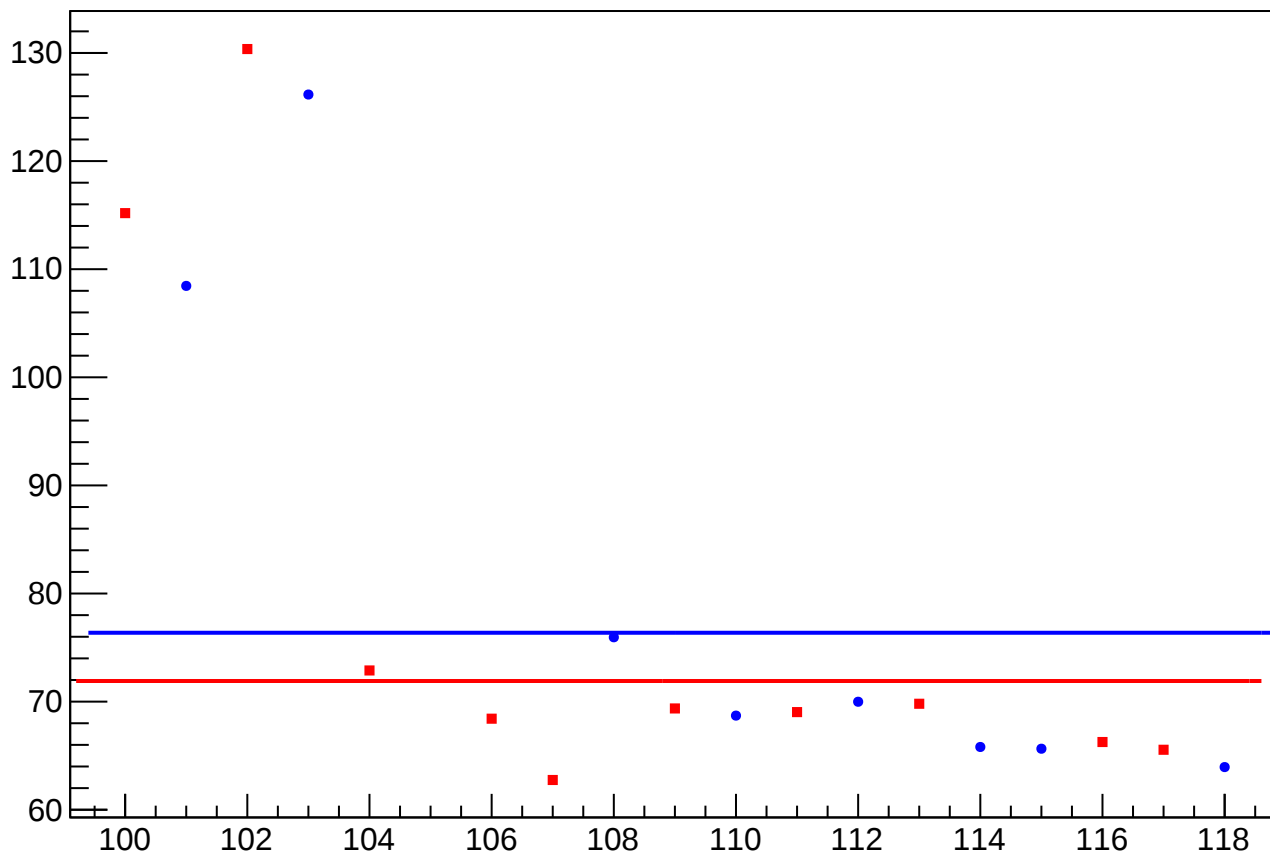
Right Out: 8.676+/-40.001 χ^2/NDF : 26.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-30.101+/-44.693 χ^2/NDF : 10.8/7

8.676+/-40.001 χ^2/NDF : 26.0/9

reg_asym_sam7_rms vs Slug



Right In: 76.371+/-0.032 χ^2/NDF : 343940.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

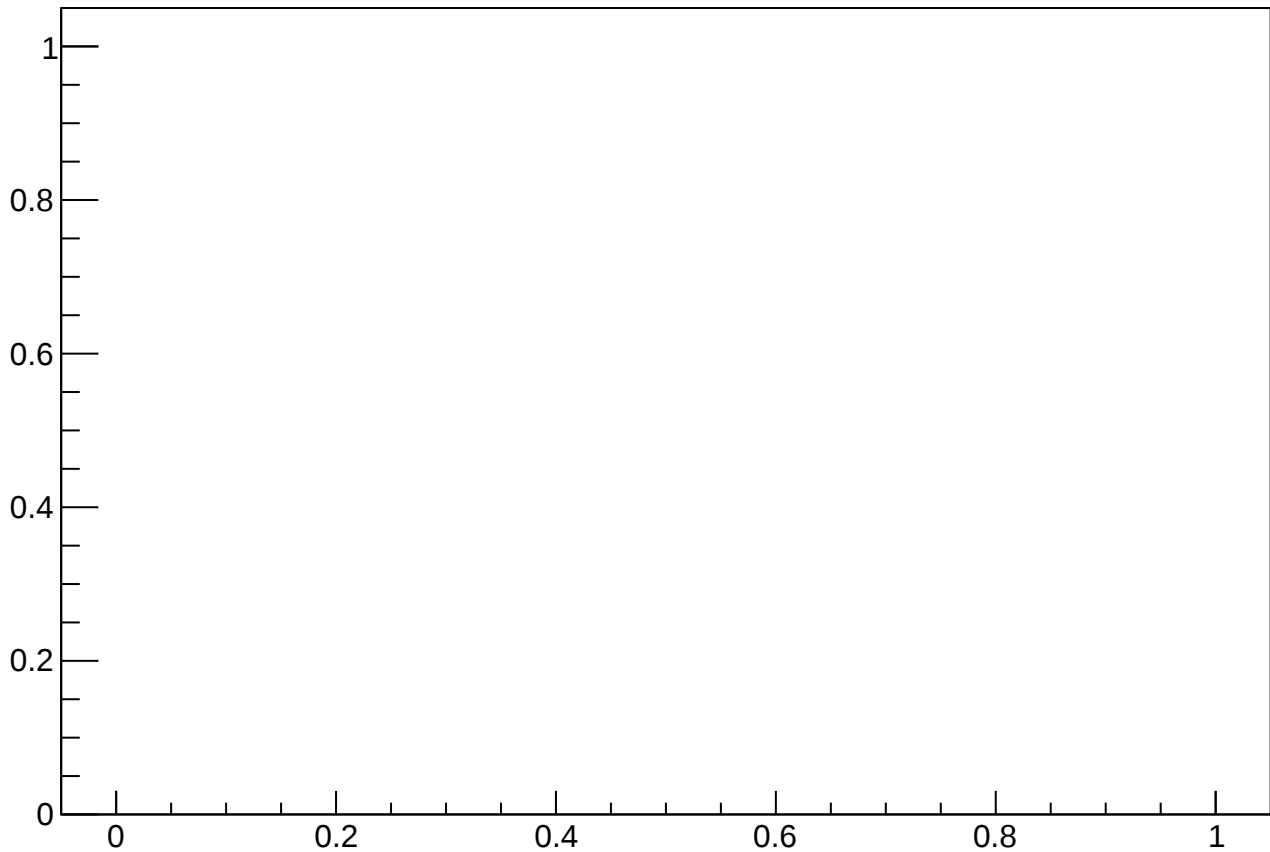
Right Out: 71.908+/-0.028 χ^2/NDF : 258799.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

76.371+/-0.032 χ^2/NDF : 343940.3/7

71.908+/-0.028 χ^2/NDF : 258799.2/9

asym_sam7_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

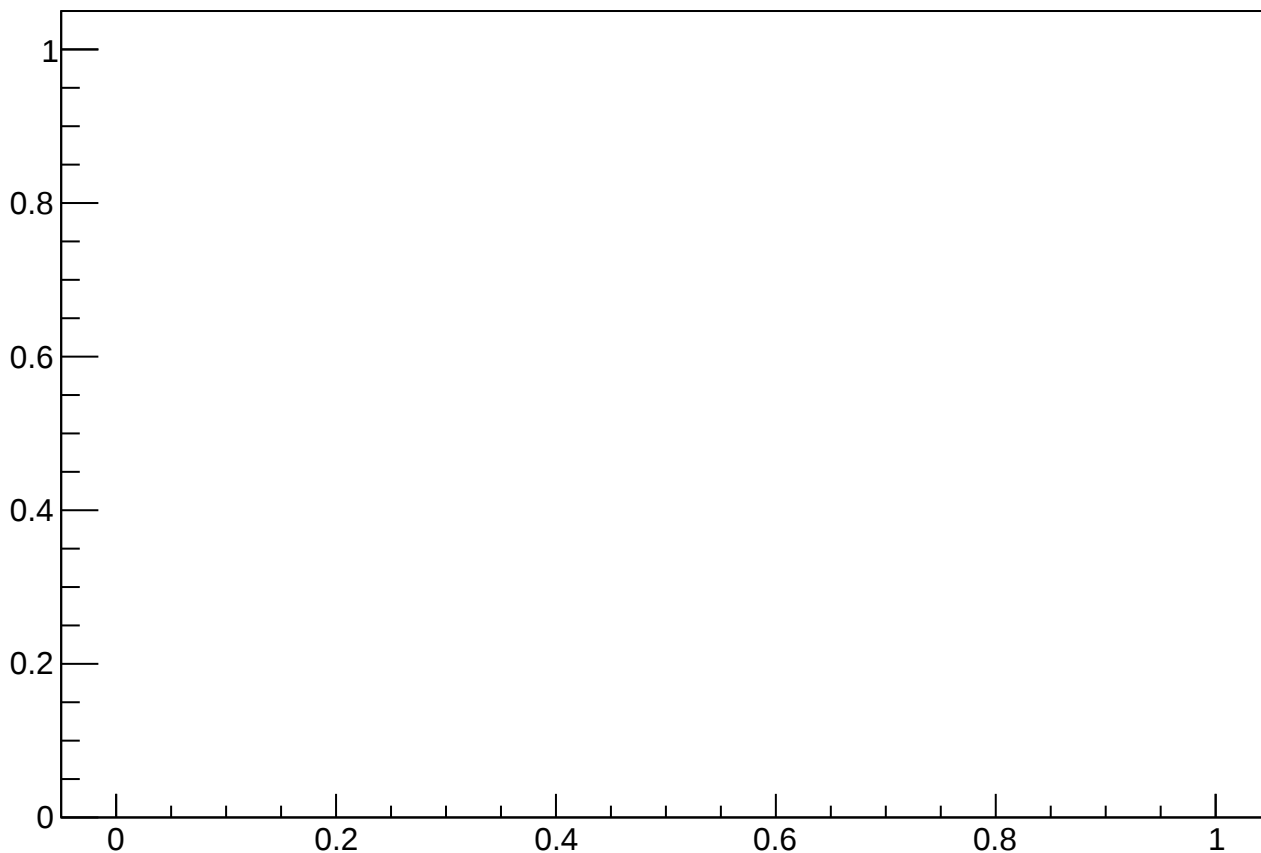
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam7_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

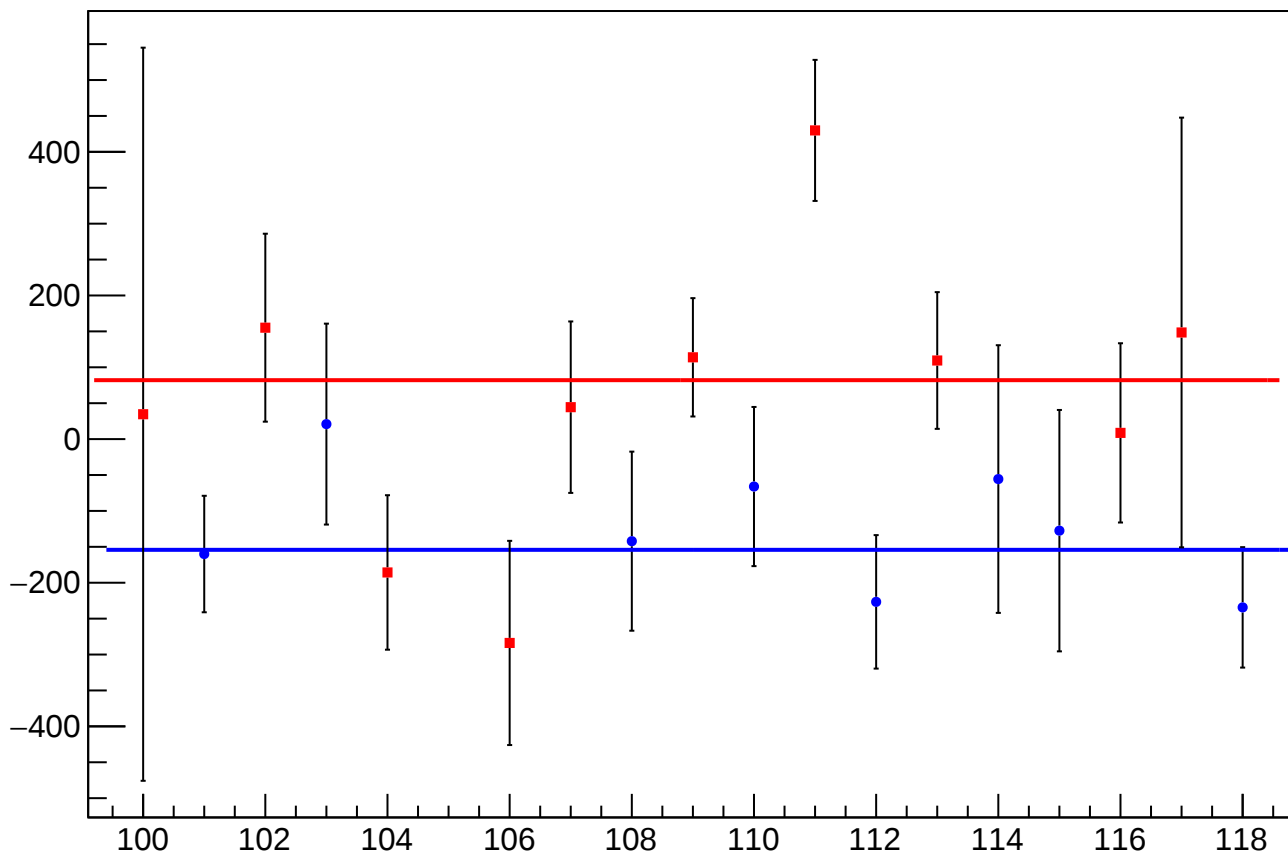
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam8_mean vs Slug



Right In: -154.185+/-38.602 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

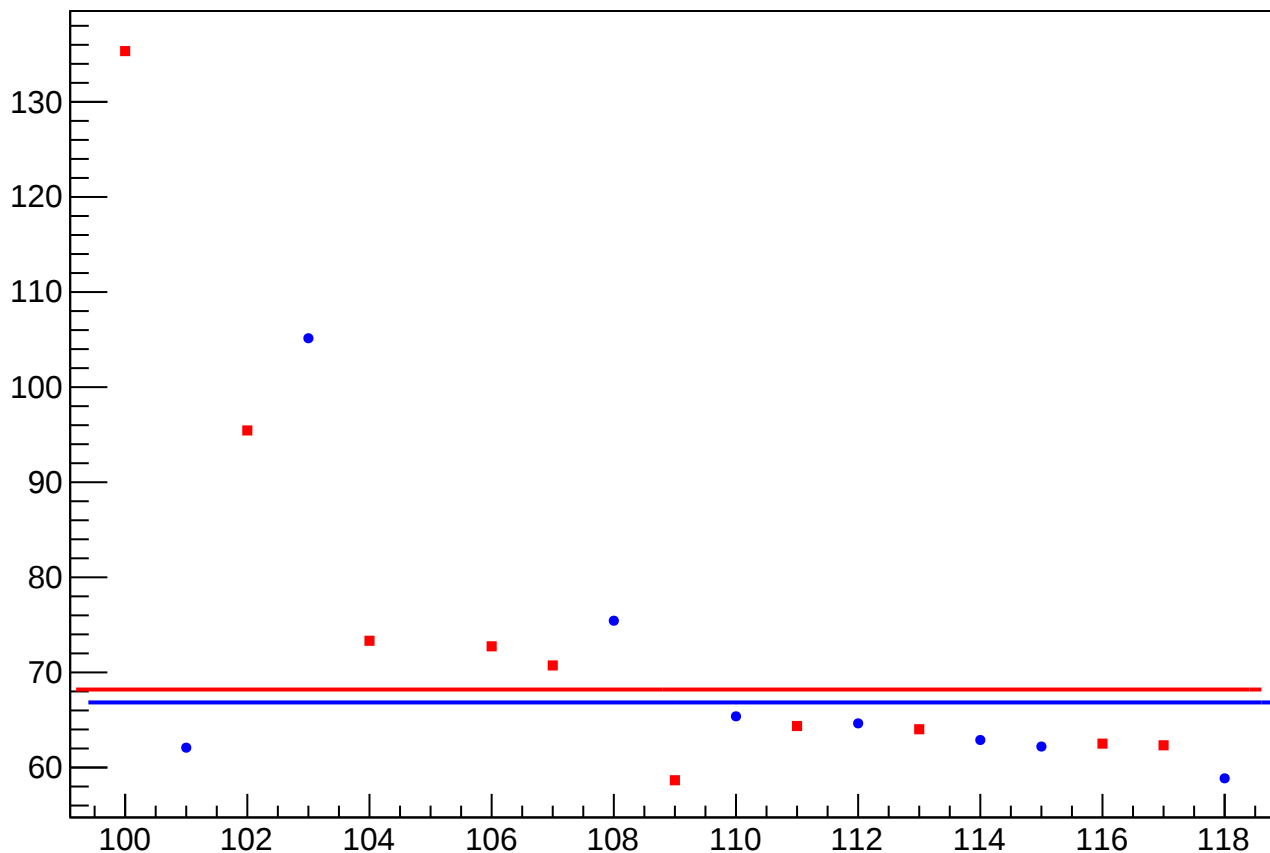
Right Out: 82.059+/-37.661 χ^2/NDF : 26.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-154.185+/-38.602 χ^2/NDF : 4.0/7

82.059+/-37.661 χ^2/NDF : 26.4/9

reg_asym_sam8_rms vs Slug



Right In: 66.843+/-0.027 χ^2/NDF : 188320.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

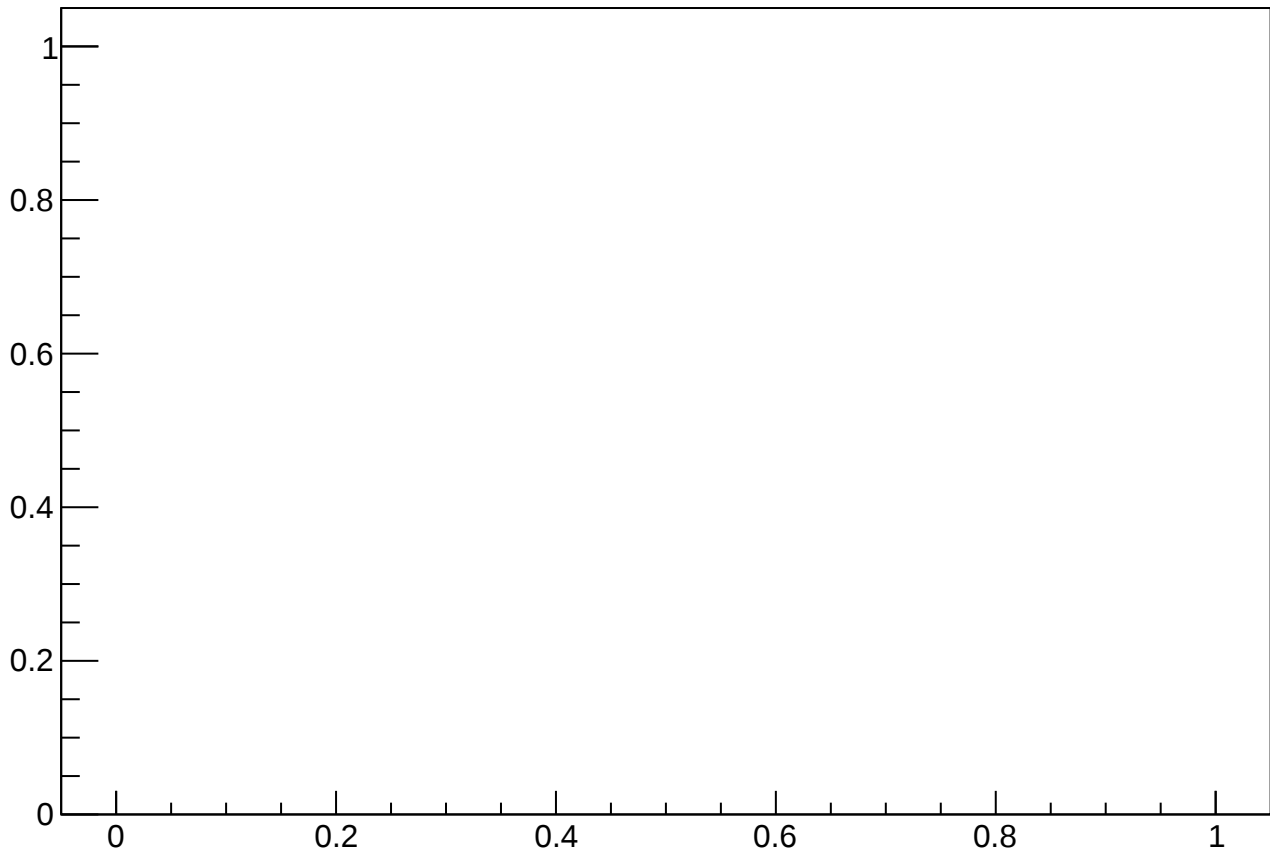
Right Out: 68.200+/-0.027 χ^2/NDF : 167427.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.843+/-0.027 χ^2/NDF : 188320.0/7

68.200+/-0.027 χ^2/NDF : 167427.1/9

asym_sam8_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

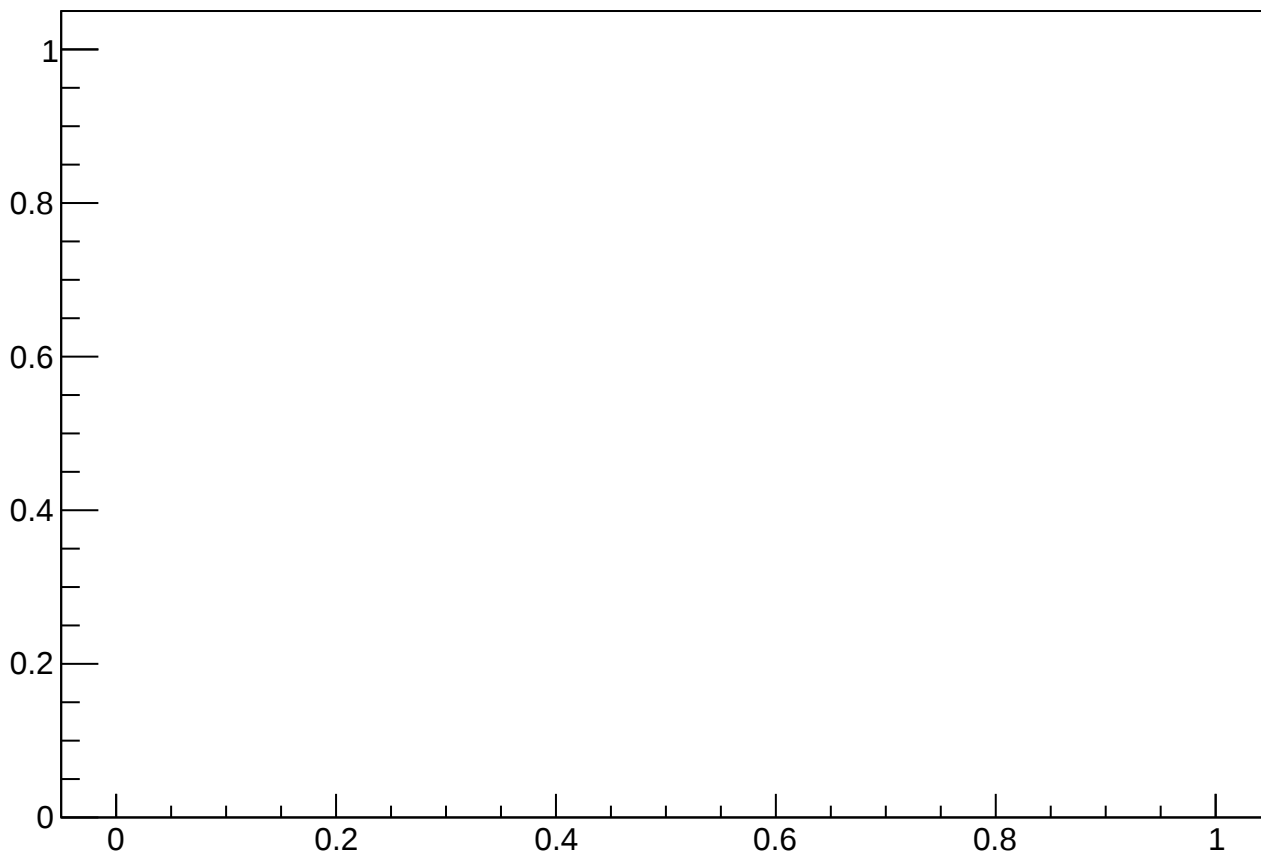
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_sam8_correction_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

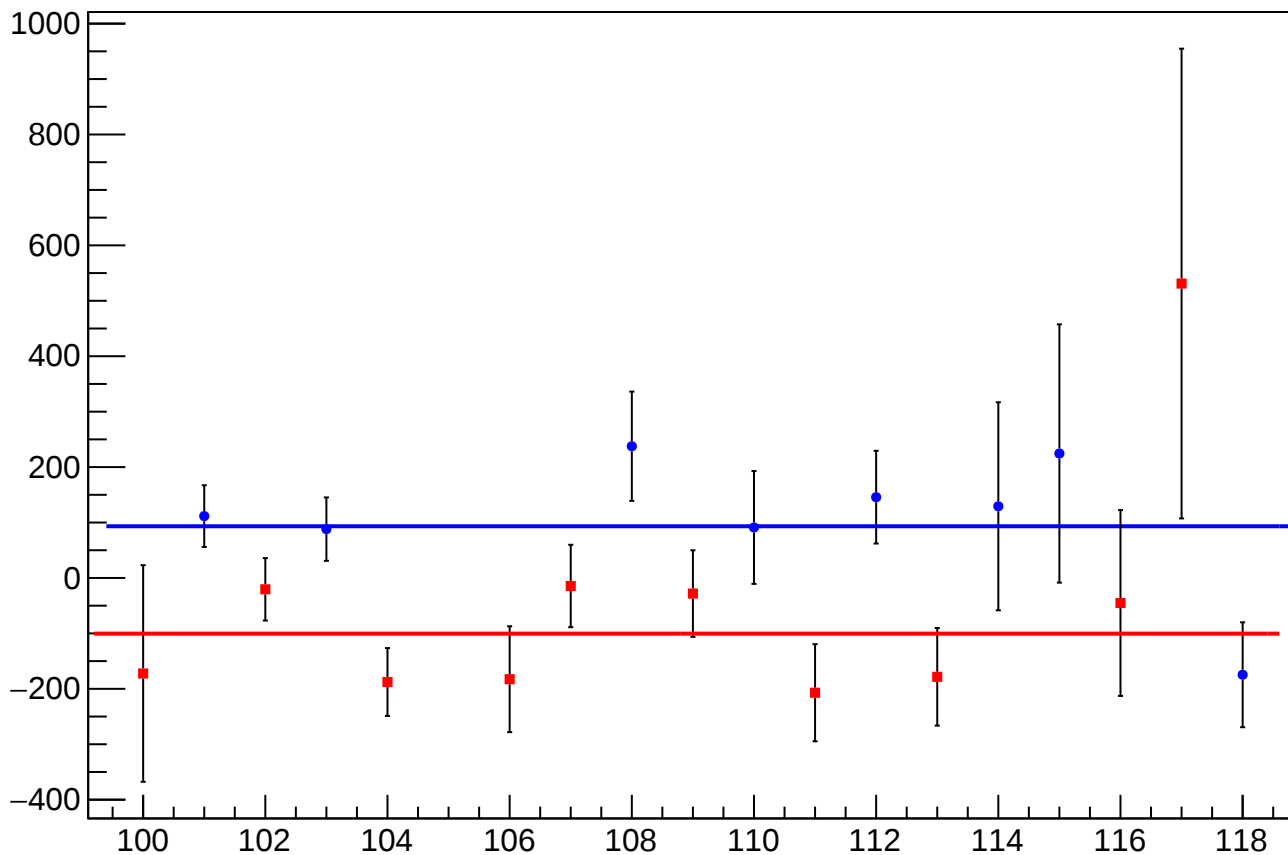
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

reg_asym_sam_15_avg_mean vs Slug



Right In: 93.270+/-29.754 χ^2/NDF : 11.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

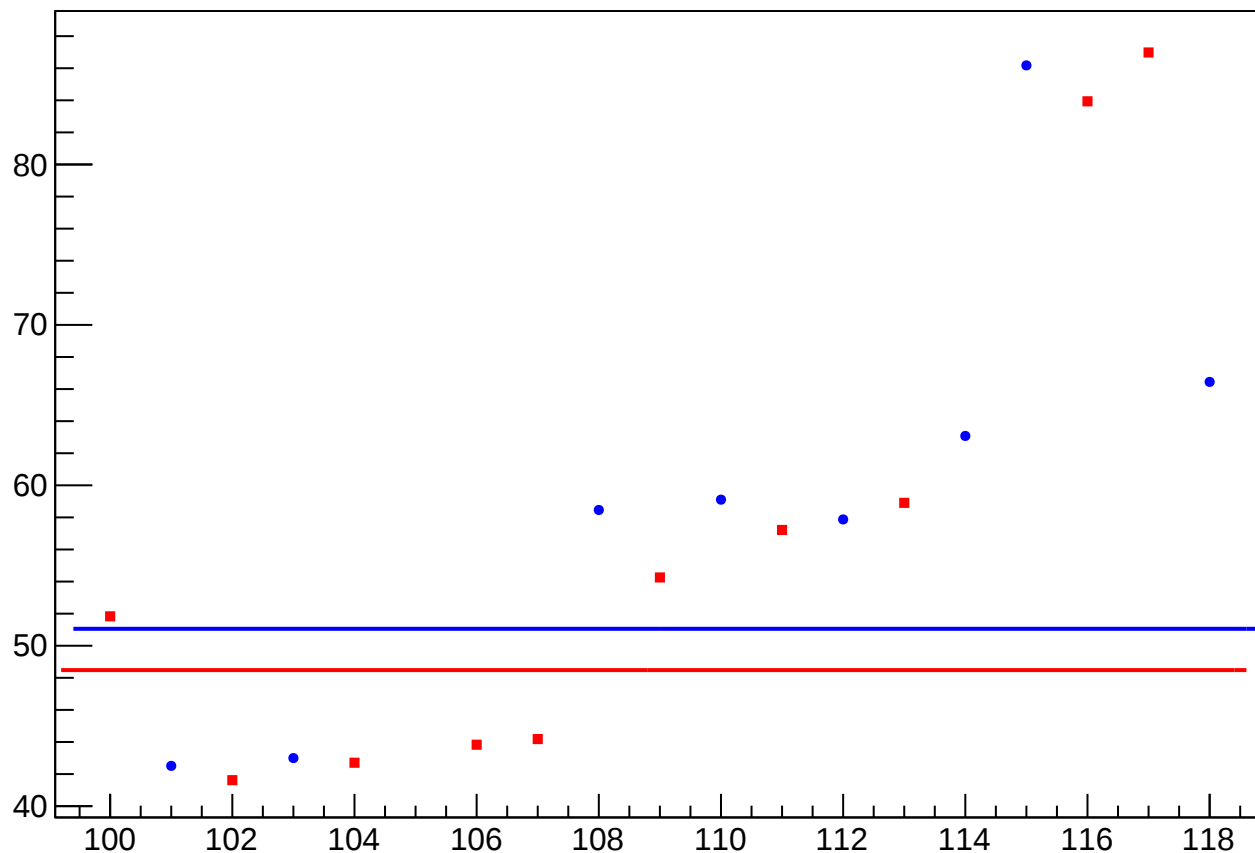
Right Out: -100.447+/-27.084 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

93.270+/-29.754 χ^2/NDF : 11.0/7

-100.447+/-27.084 χ^2/NDF : 11.7/9

reg_asym_sam_15_avg_rms vs Slug



Right In: 51.056+/-0.021 χ^2/NDF : 230528.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

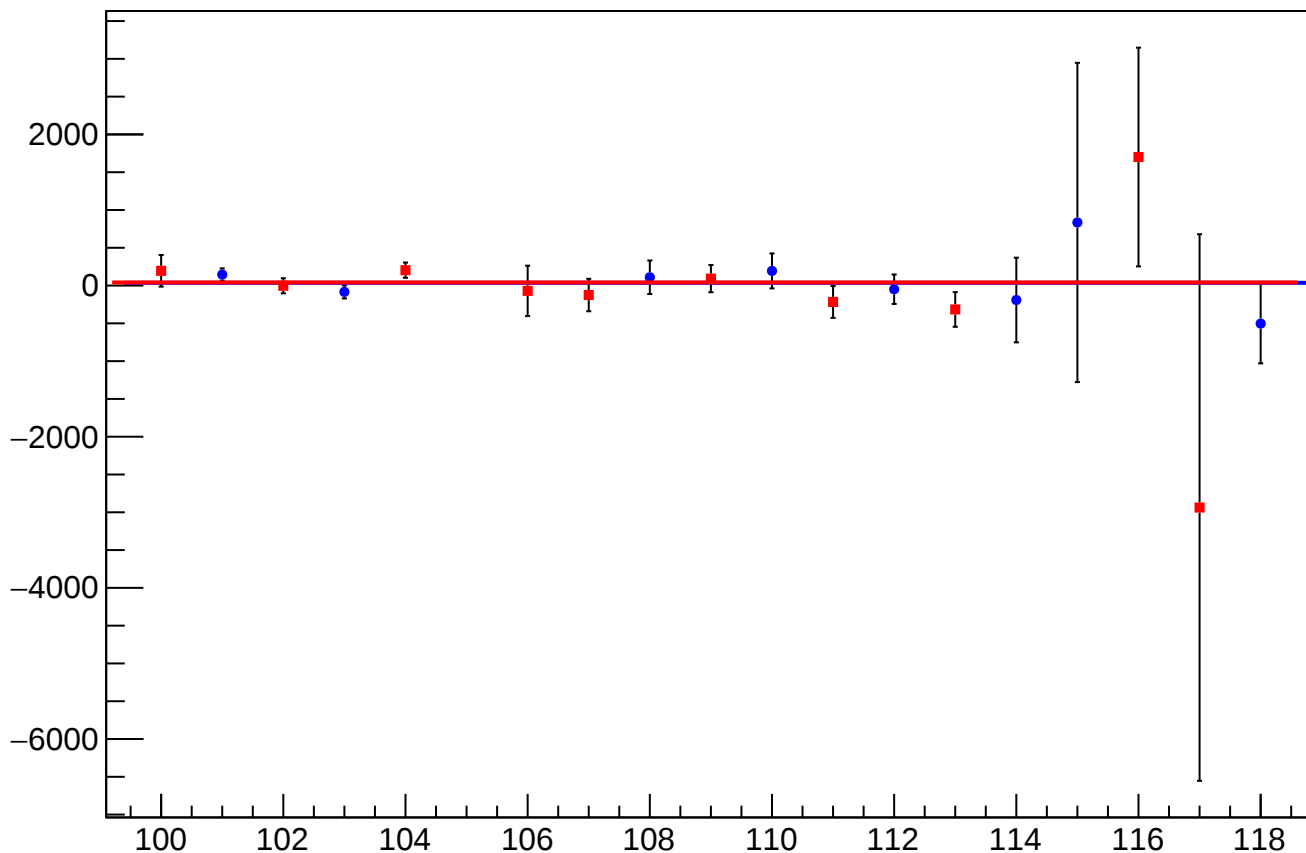
Right Out: 48.481+/-0.019 χ^2/NDF : 224296.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

51.056+/-0.021 χ^2/NDF : 230528.9/7

48.481+/-0.019 χ^2/NDF : 224296.1/9

asym_sam_15_avg_correction_mean vs Slug



Right In: 36.496+/-53.198 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

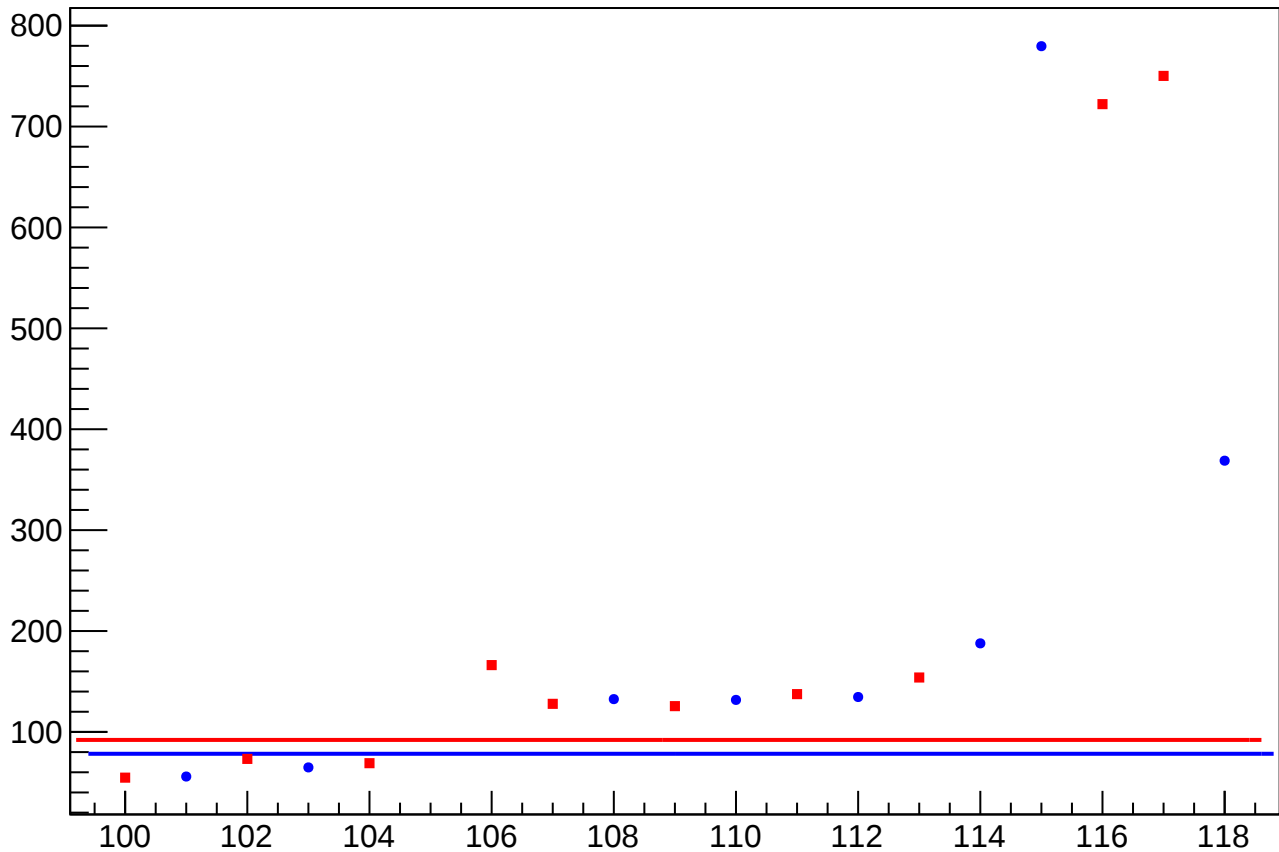
Right Out: 41.189+/-55.408 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.496+/-53.198 χ^2/NDF : 5.8/7

41.189+/-55.408 χ^2/NDF : 10.0/9

asym_sam_15_avg_correction_rms vs Slug



Right In: 78.339+/-0.038 χ^2/NDF : 1499687.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

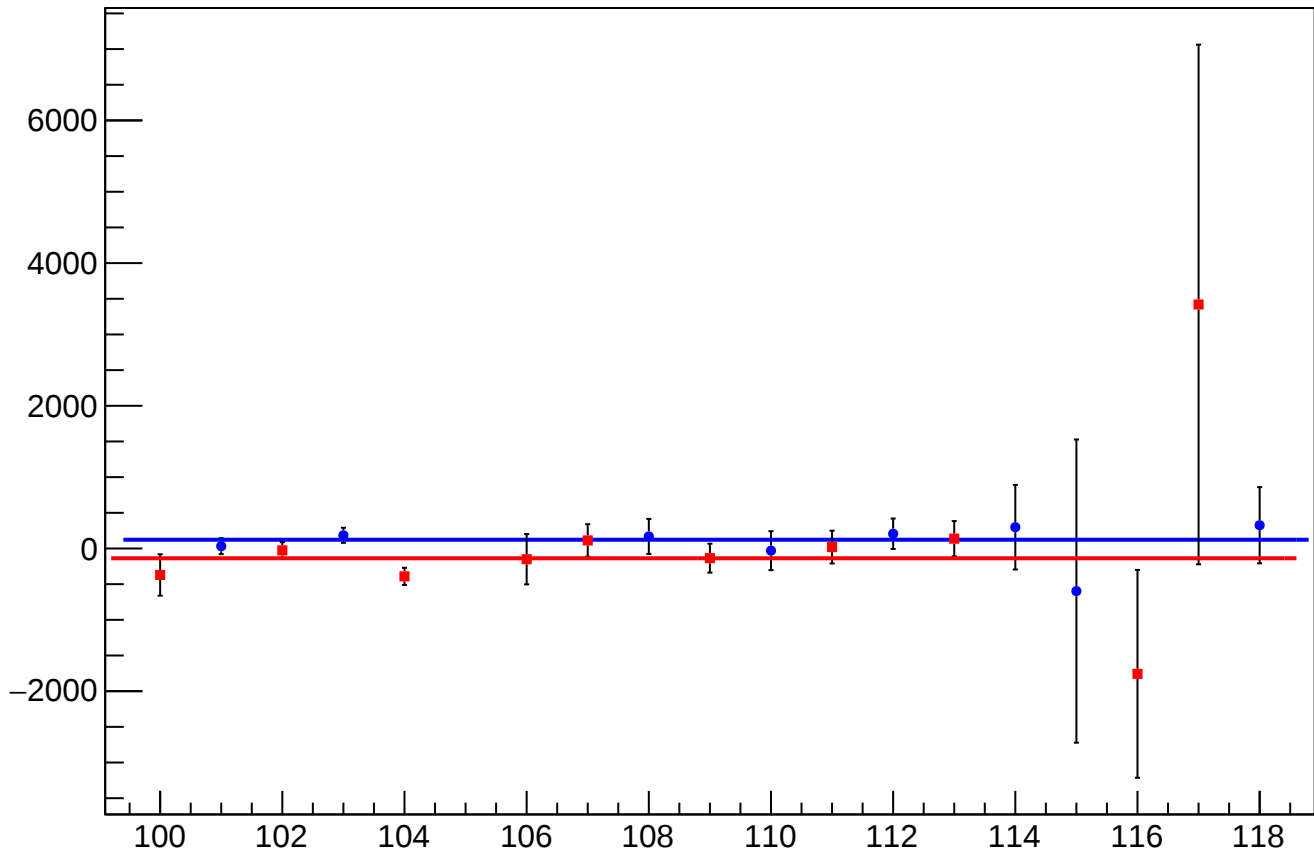
Right Out: 92.073+/-0.039 χ^2/NDF : 1146968.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

78.339+/-0.038 χ^2/NDF : 1499687.4/7

92.073+/-0.039 χ^2/NDF : 1146968.9/9

asym_sam_15_avg_mean vs Slug



Right In: 122.762 $\pm$ 66.193 χ^2 /NDF: 1.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

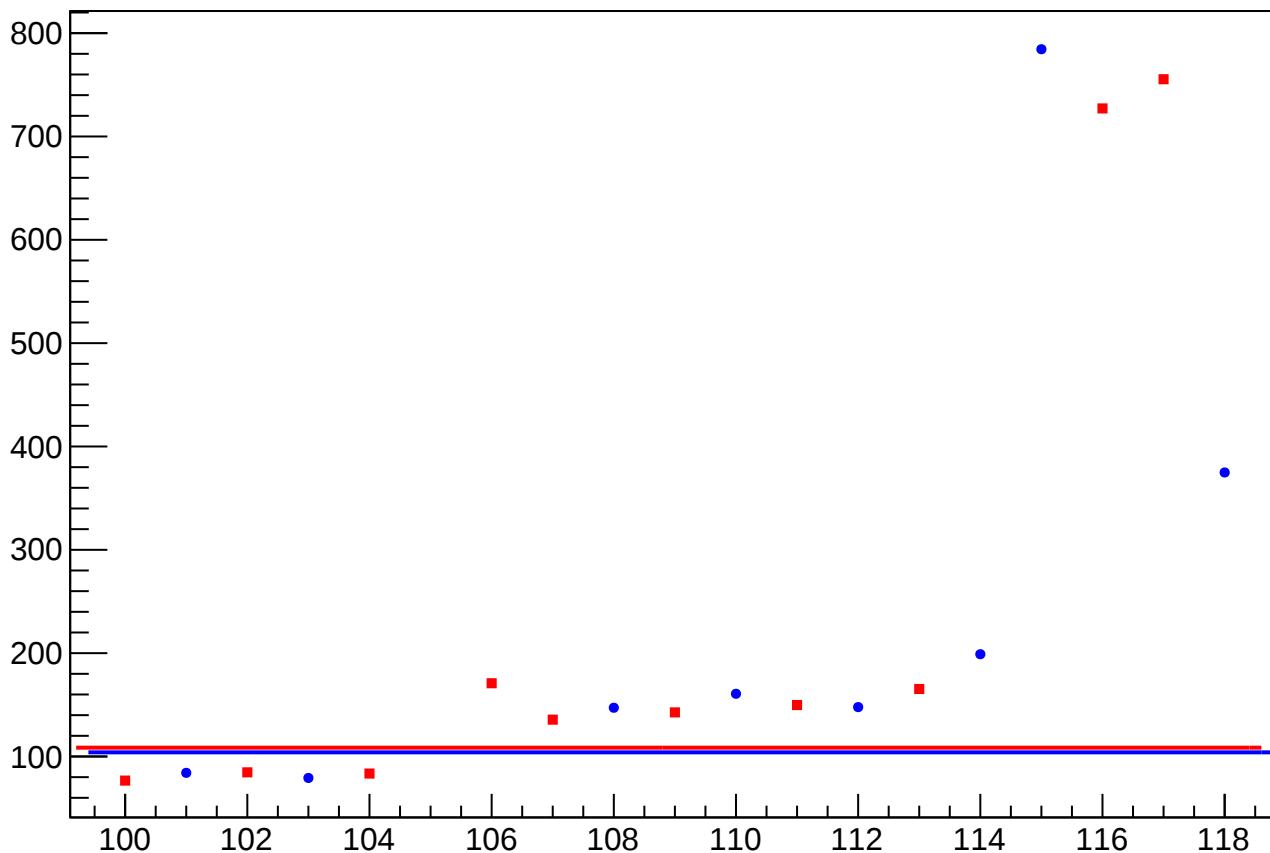
Right Out: -137.415 $\pm$ 63.997 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

122.762 $\pm$ 66.193 χ^2 /NDF: 1.9/7

-137.415 $\pm$ 63.997 χ^2 /NDF: 11.1/9

asym_sam_15_avg_rms vs Slug



Right In: 104.014+/-0.047 χ^2/NDF : 1175620.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

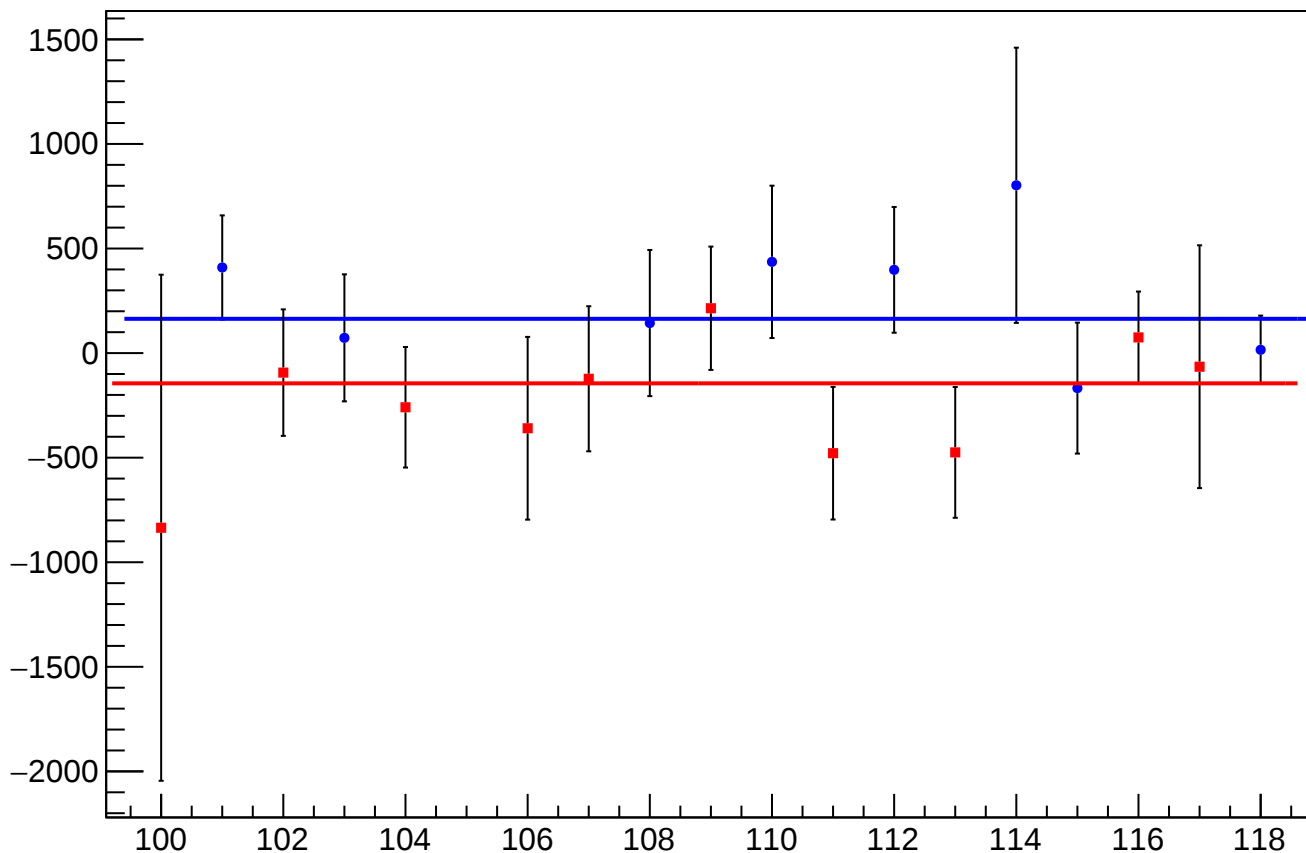
Right Out: 108.542+/-0.045 χ^2/NDF : 938926.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.014+/-0.047 χ^2/NDF : 1175620.3/7

108.542+/-0.045 χ^2/NDF : 938926.1/9

reg_asym_sam_26_avg_mean vs Slug



Right In: 163.901 $\pm$ 98.208 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

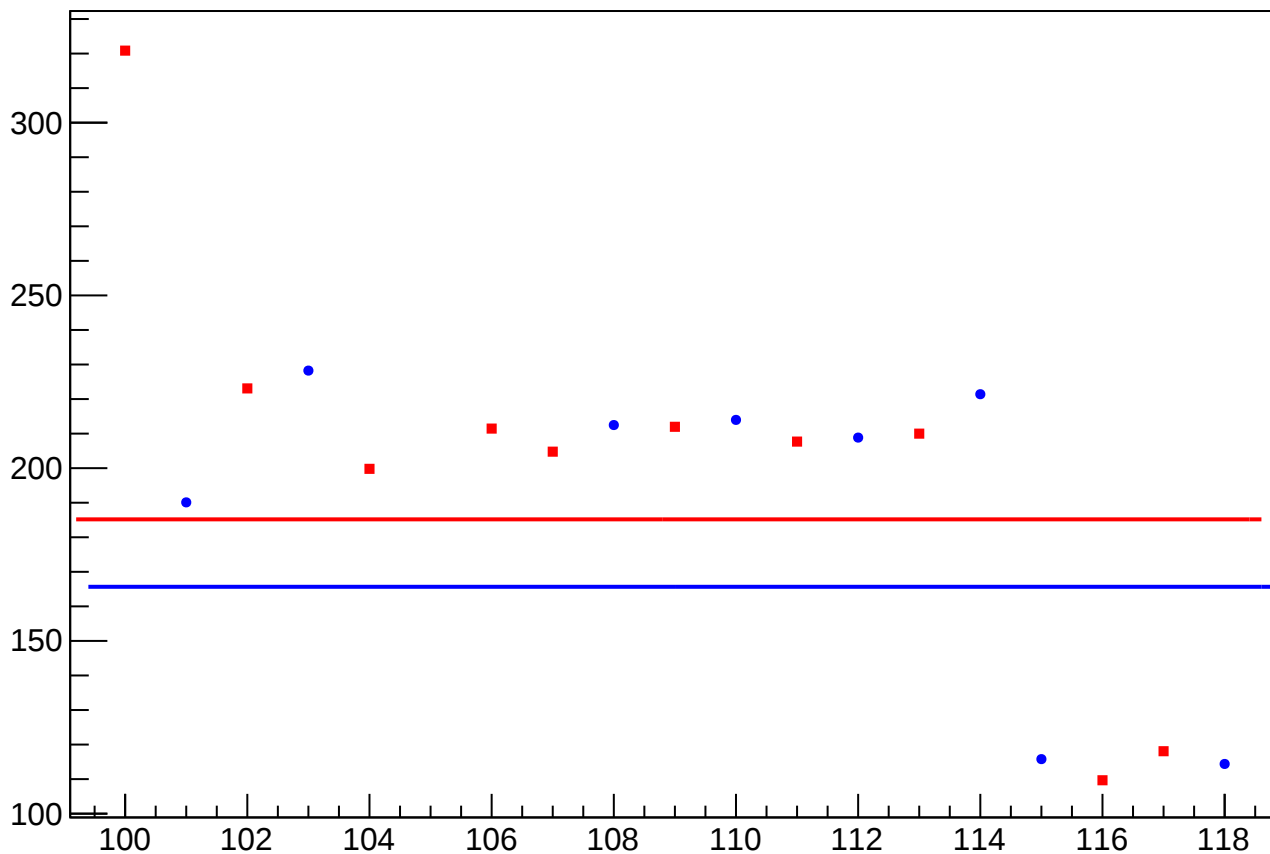
Right Out: -144.656 $\pm$ 103.892 χ^2 /NDF: 5.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

163.901 $\pm$ 98.208 χ^2 /NDF: 5.1/7

-144.656 $\pm$ 103.892 χ^2 /NDF: 5.5/9

reg_asym_sam_26_avg_rms vs Slug



Right In: 165.666+/-0.069 χ^2/NDF : 478354.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

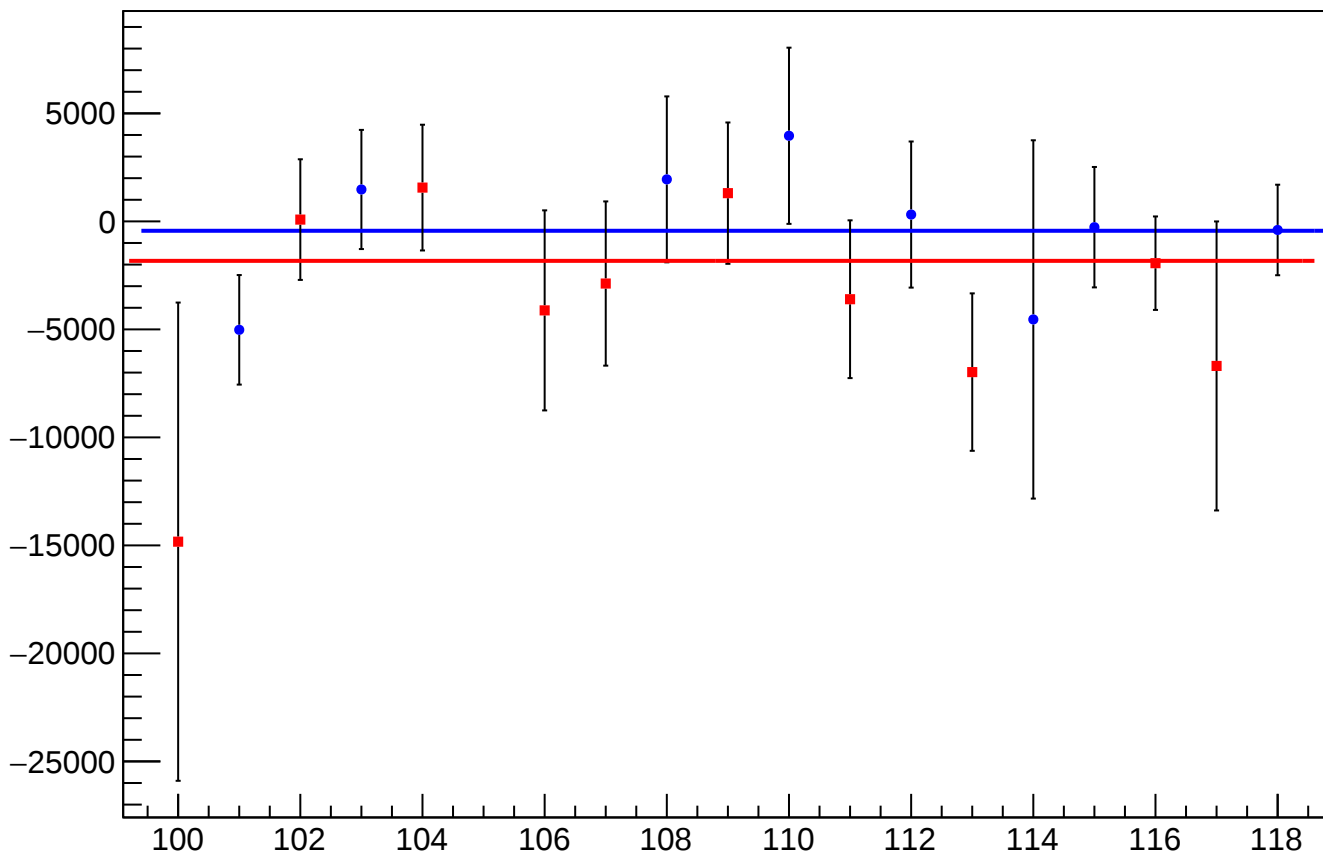
Right Out: 185.185+/-0.073 χ^2/NDF : 378360.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

165.666+/-0.069 χ^2/NDF : 478354.4/7

185.185+/-0.073 χ^2/NDF : 378360.1/9

asym_sam_26_avg_correction_mean vs Slug



Right In: -434.986+/-1070.083 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

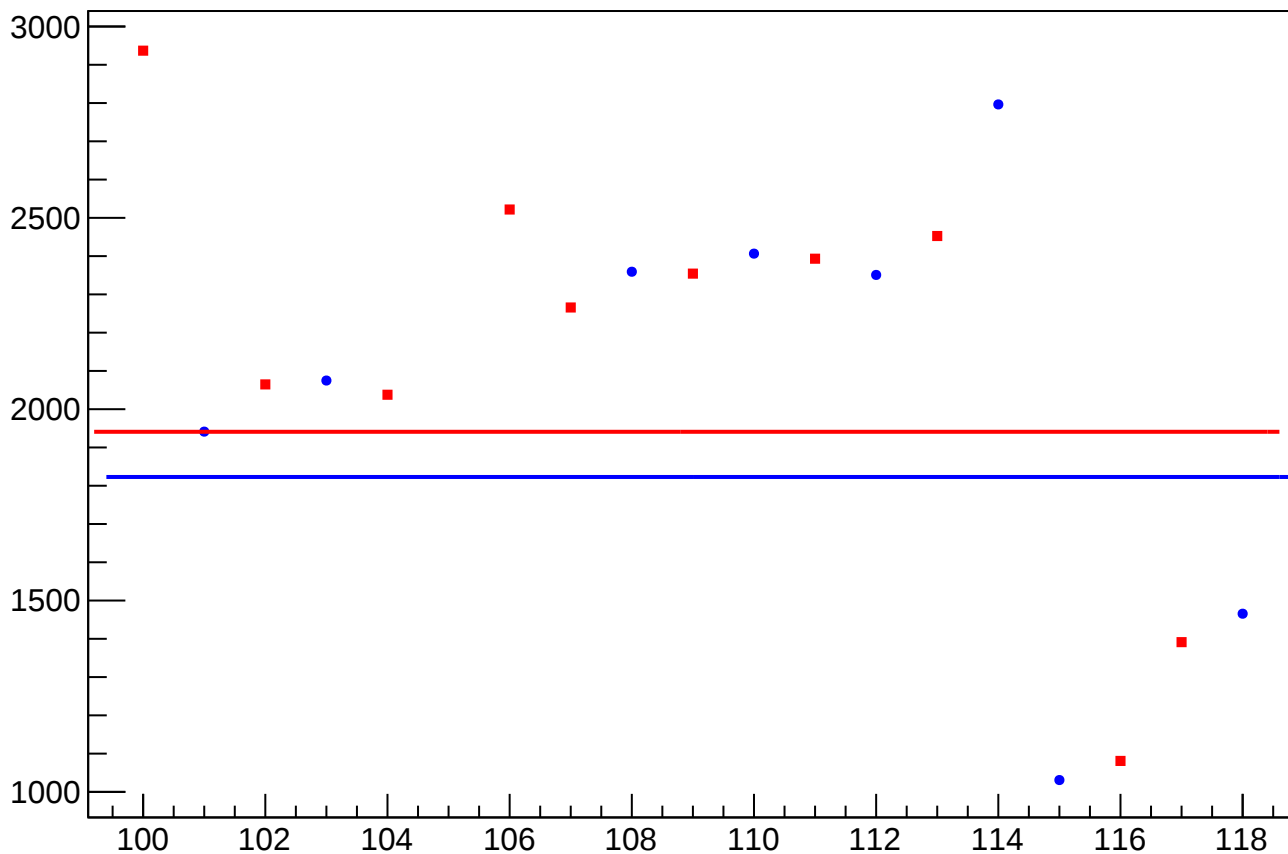
Right Out: -1827.431+/-1084.665 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-434.986+/-1070.083 χ^2/NDF : 5.6/7

-1827.431+/-1084.665 χ^2/NDF : 7.2/9

asym_sam_26_avg_correction_rms vs Slug



Right In: 1822.901+/-0.757 χ^2/NDF : 396904.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

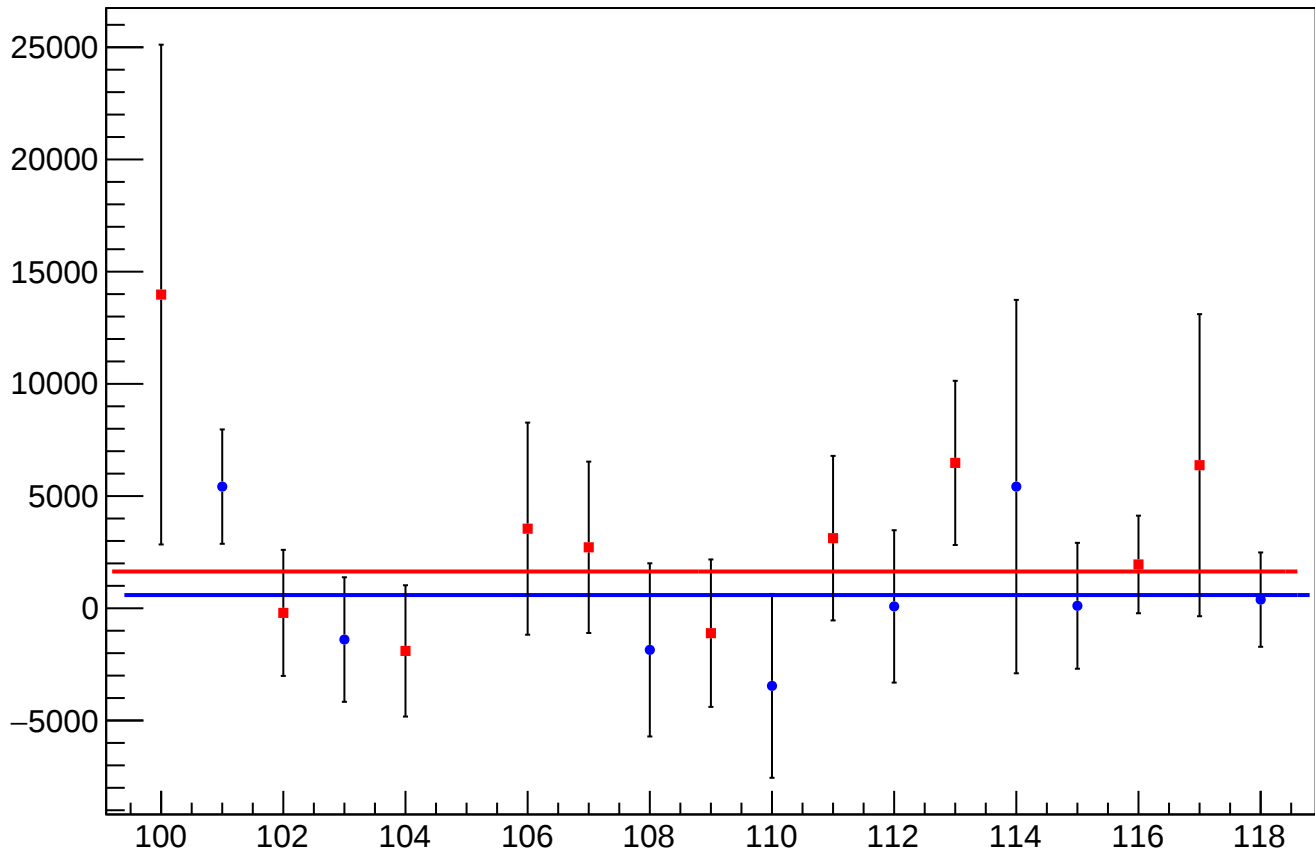
Right Out: 1940.973+/-0.767 χ^2/NDF : 499984.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1822.901+/-0.757 χ^2/NDF : 396904.2/7

1940.973+/-0.767 χ^2/NDF : 499984.2/9

asym_sam_26_avg_mean vs Slug



Right In: 589.795 $\pm$ 1075.059 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

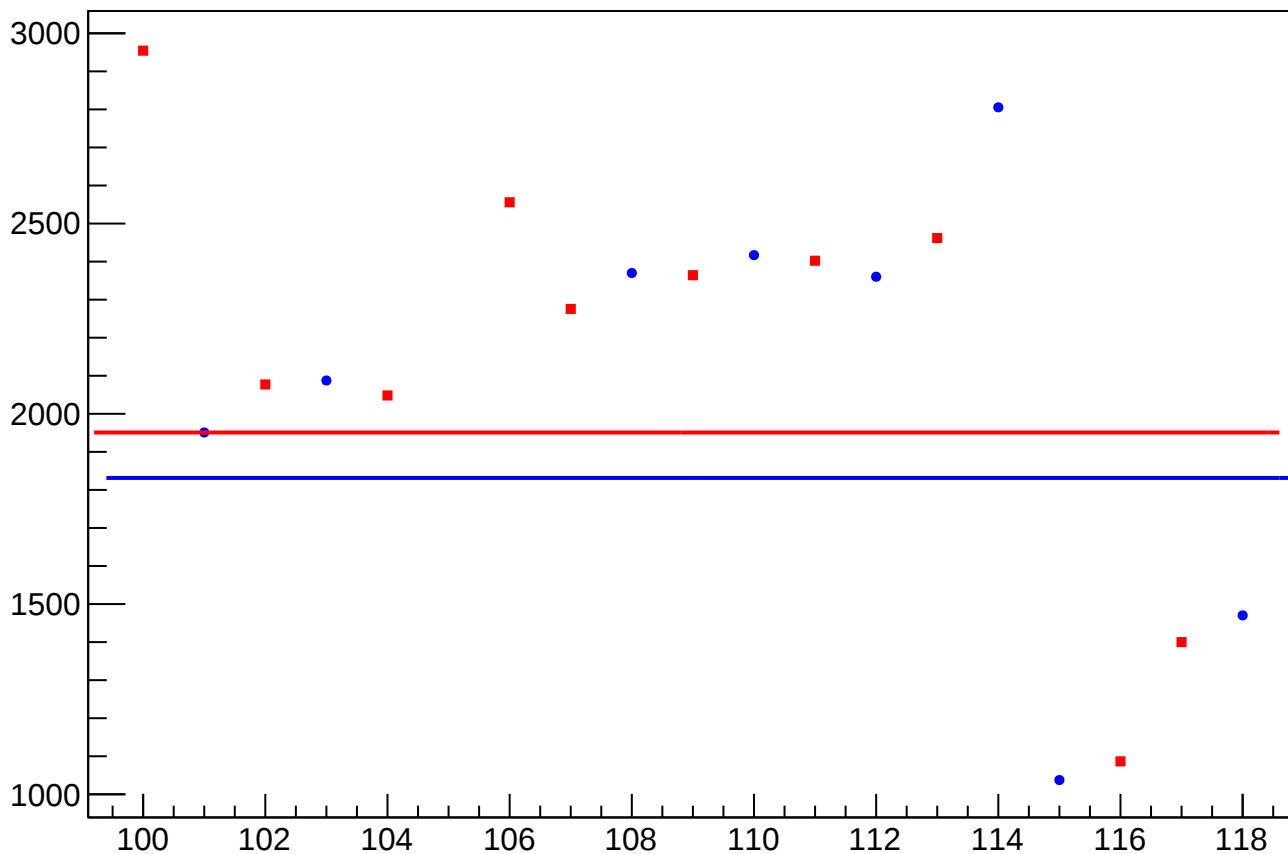
Right Out: 1639.278 $\pm$ 1090.905 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

589.795 $\pm$ 1075.059 χ^2 /NDF: 5.9/7

1639.278 $\pm$ 1090.905 χ^2 /NDF: 6.5/9

asym_sam_26_avg_rms vs Slug



Right In: 1831.460+/-0.760 χ^2/NDF : 396477.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

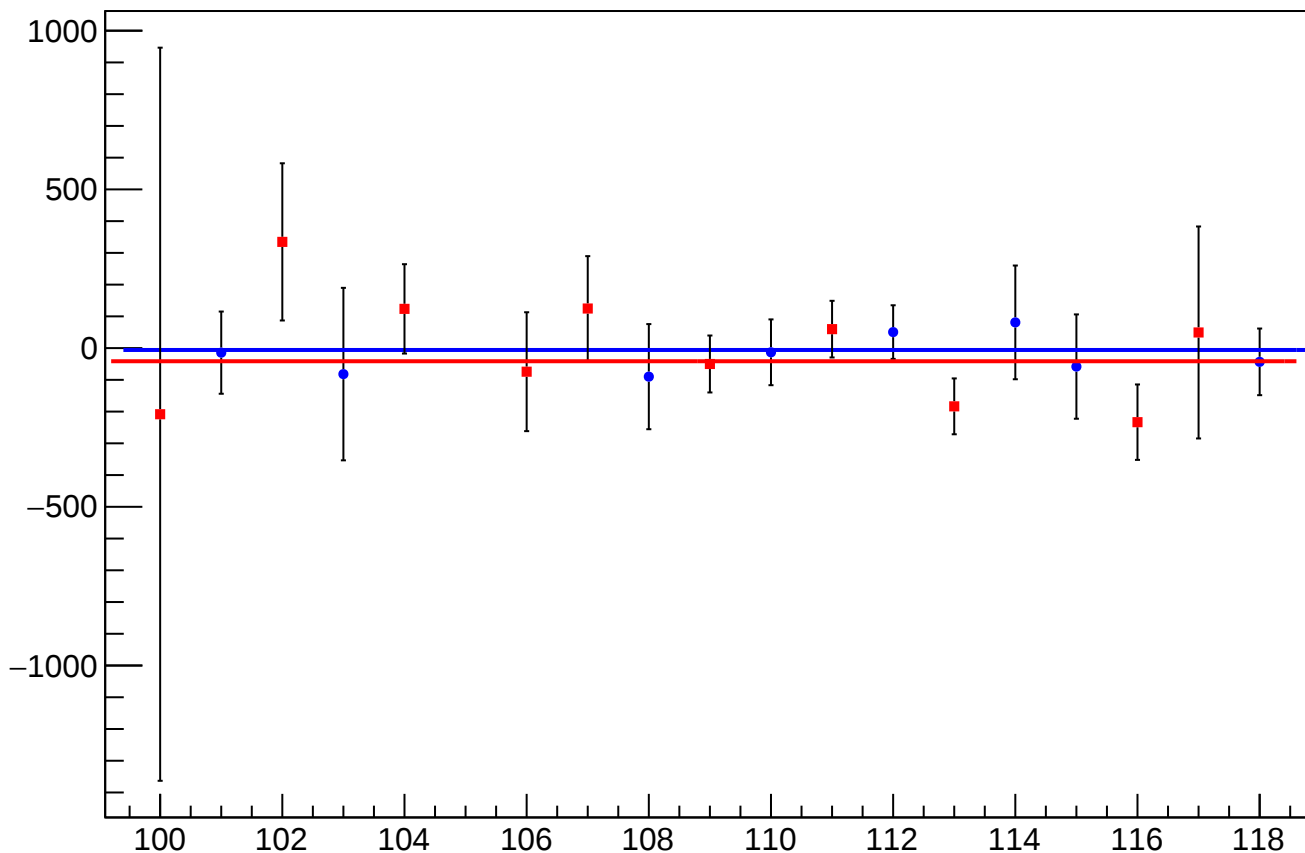
Right Out: 1950.903+/-0.771 χ^2/NDF : 500023.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1831.460+/-0.760 χ^2/NDF : 396477.0/7

1950.903+/-0.771 χ^2/NDF : 500023.9/9

reg_asym_sam_37_avg_mean vs Slug



Right In: -5.893+/-44.640 χ^2/NDF : 1.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

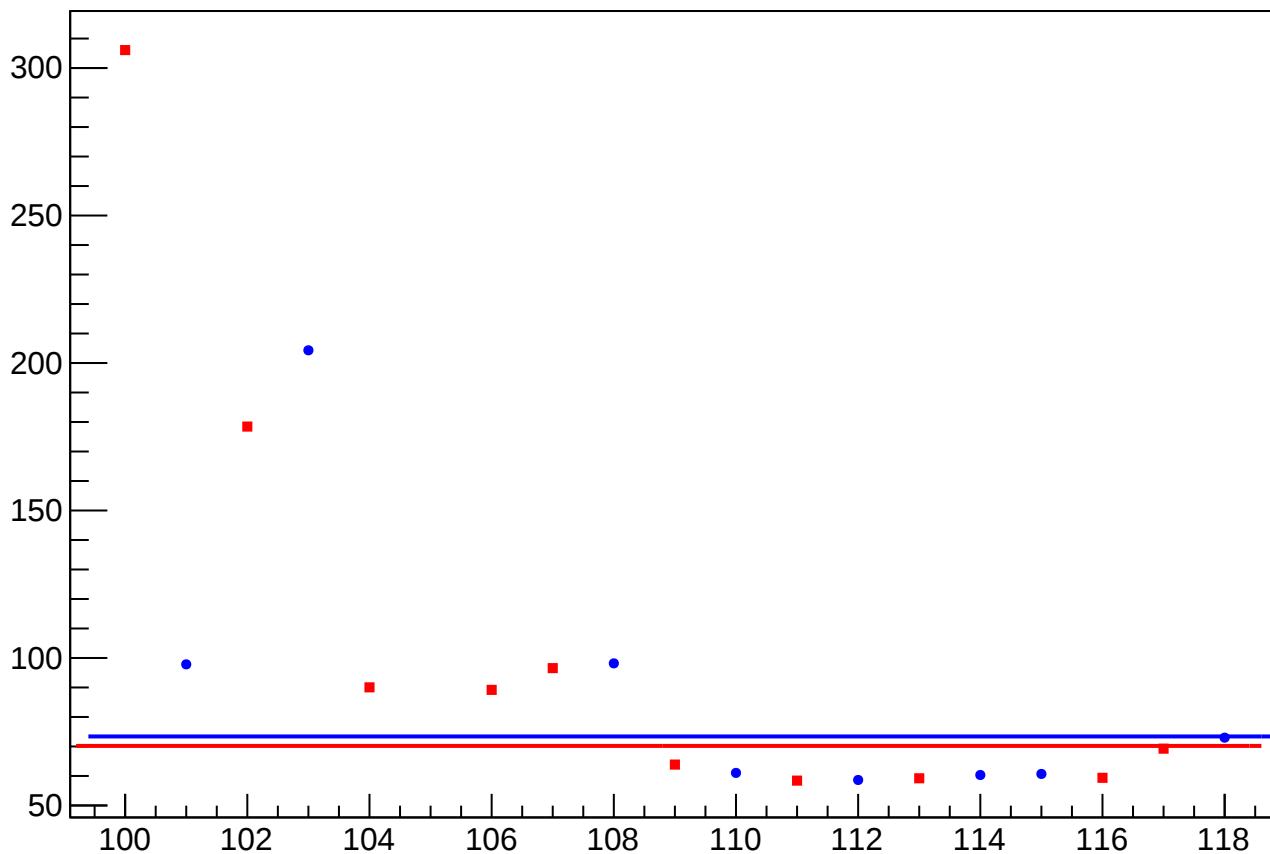
Right Out: -41.392+/-41.112 χ^2/NDF : 11.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.893+/-44.640 χ^2/NDF : 1.3/7

-41.392+/-41.112 χ^2/NDF : 11.3/9

reg_asym_sam_37_avg_rms vs Slug



Right In: 73.401+/-0.032 χ^2/NDF : 692418.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

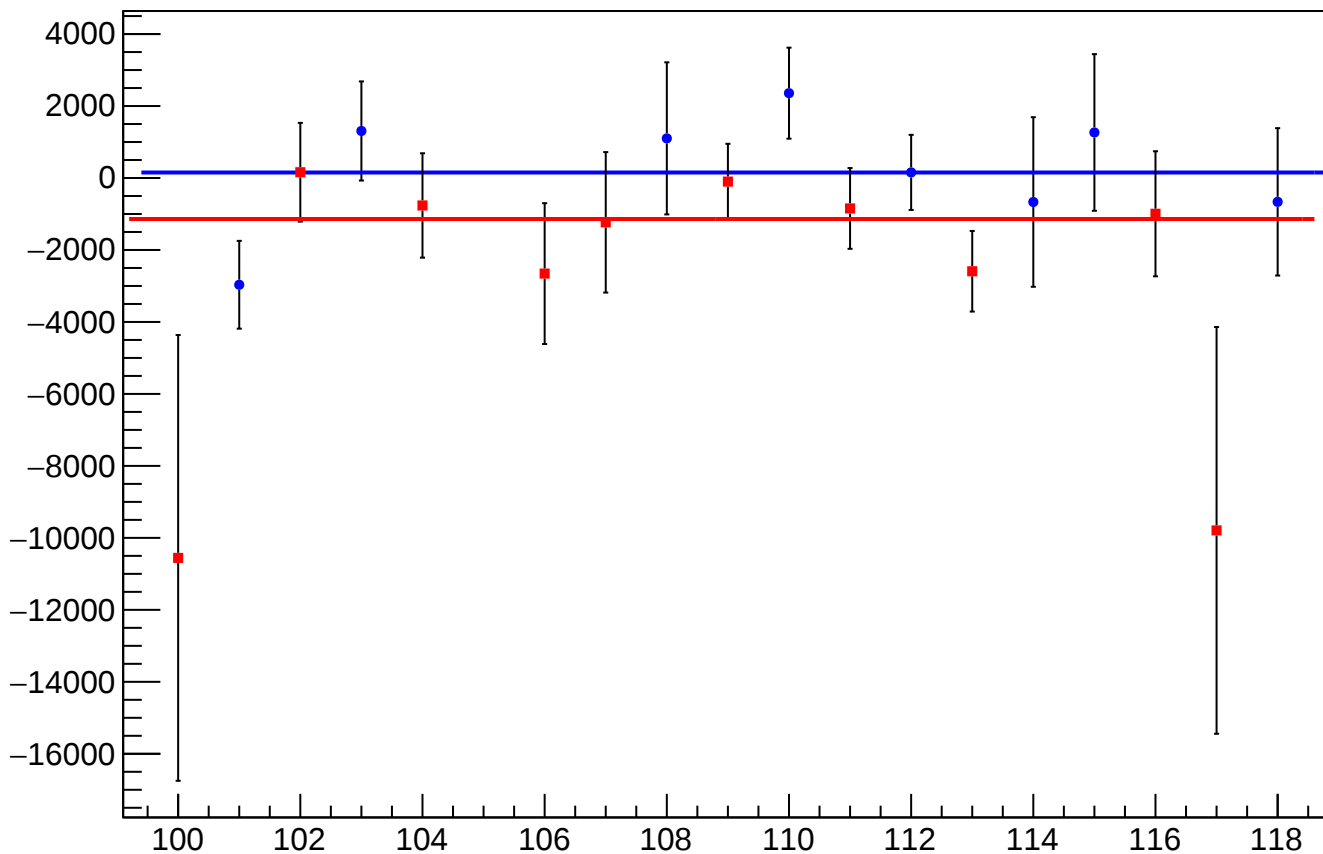
Right Out: 70.189+/-0.029 χ^2/NDF : 669650.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

73.401+/-0.032 χ^2/NDF : 692418.9/7

70.189+/-0.029 χ^2/NDF : 669650.6/9

asym_sam_37_avg_correction_mean vs Slug



Right In: 152.835+/-527.302 χ^2/NDF : 11.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

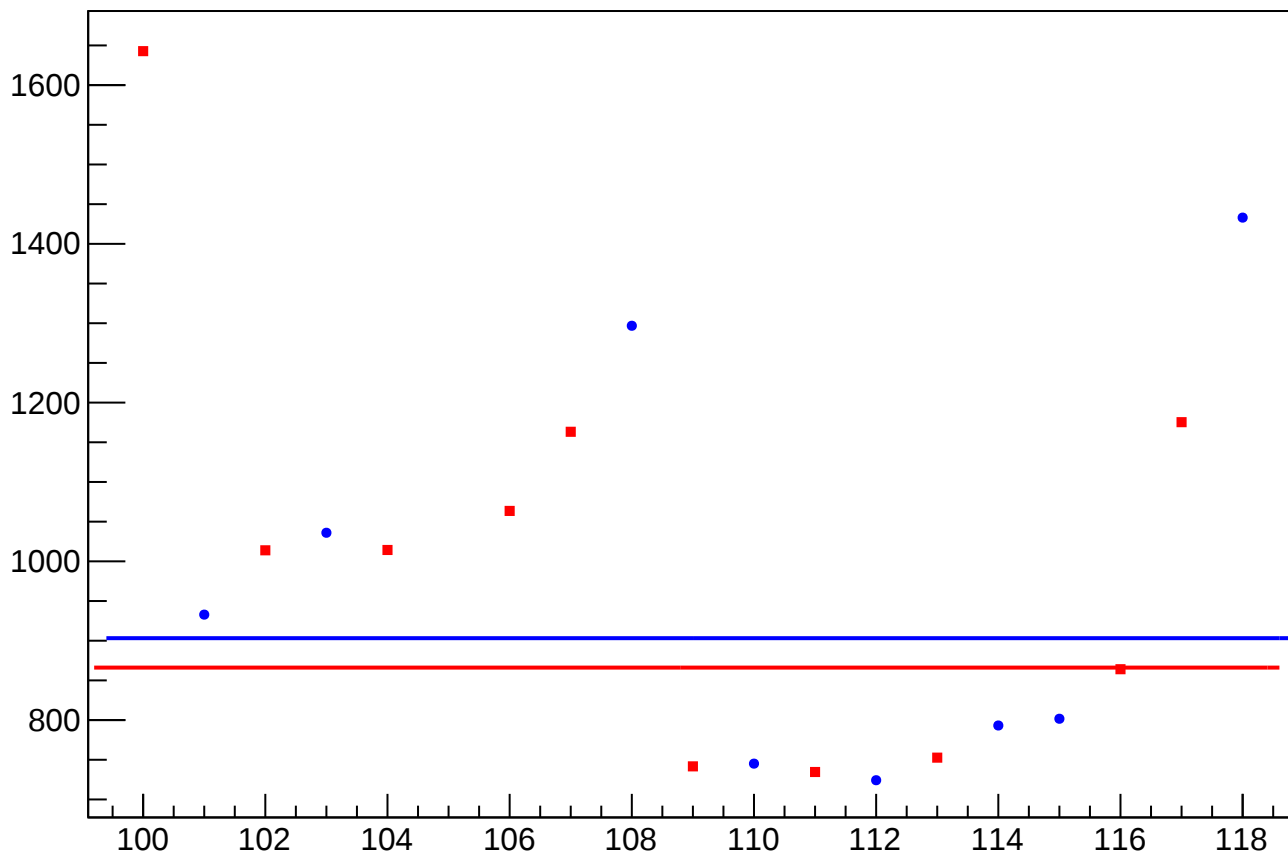
Right Out: -1139.347+/-475.768 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

152.835+/-527.302 χ^2/NDF : 11.0/7

-1139.347+/-475.768 χ^2/NDF : 9.0/9

asym_sam_37_avg_correction_rms vs Slug



Right In: 903.196+/-0.373 χ^2/NDF : 321859.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

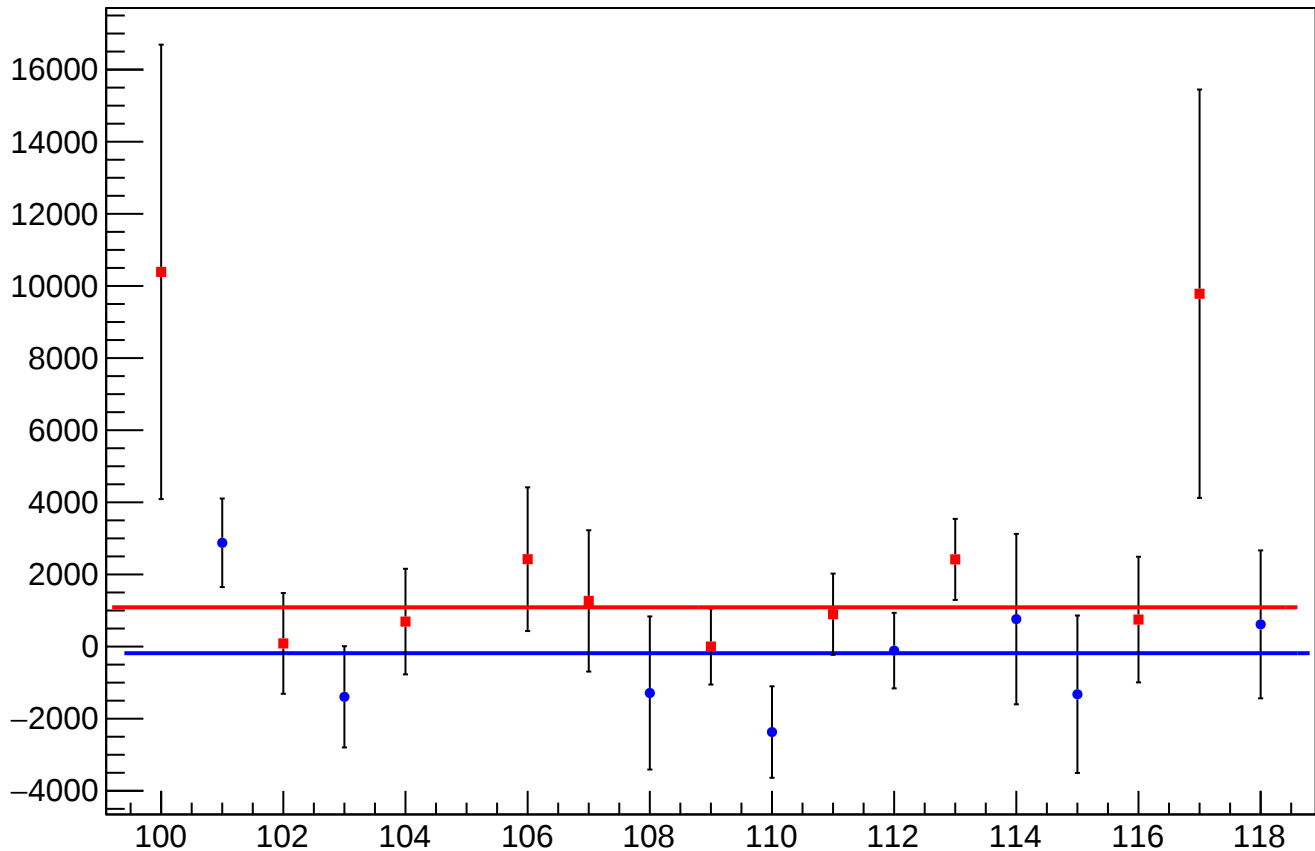
Right Out: 866.126+/-0.336 χ^2/NDF : 224338.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

903.196+/-0.373 χ^2/NDF : 321859.5/7

866.126+/-0.336 χ^2/NDF : 224338.9/9

asym_sam_37_avg_mean vs Slug



Right In: -183.790+/-530.532 χ^2/NDF : 10.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

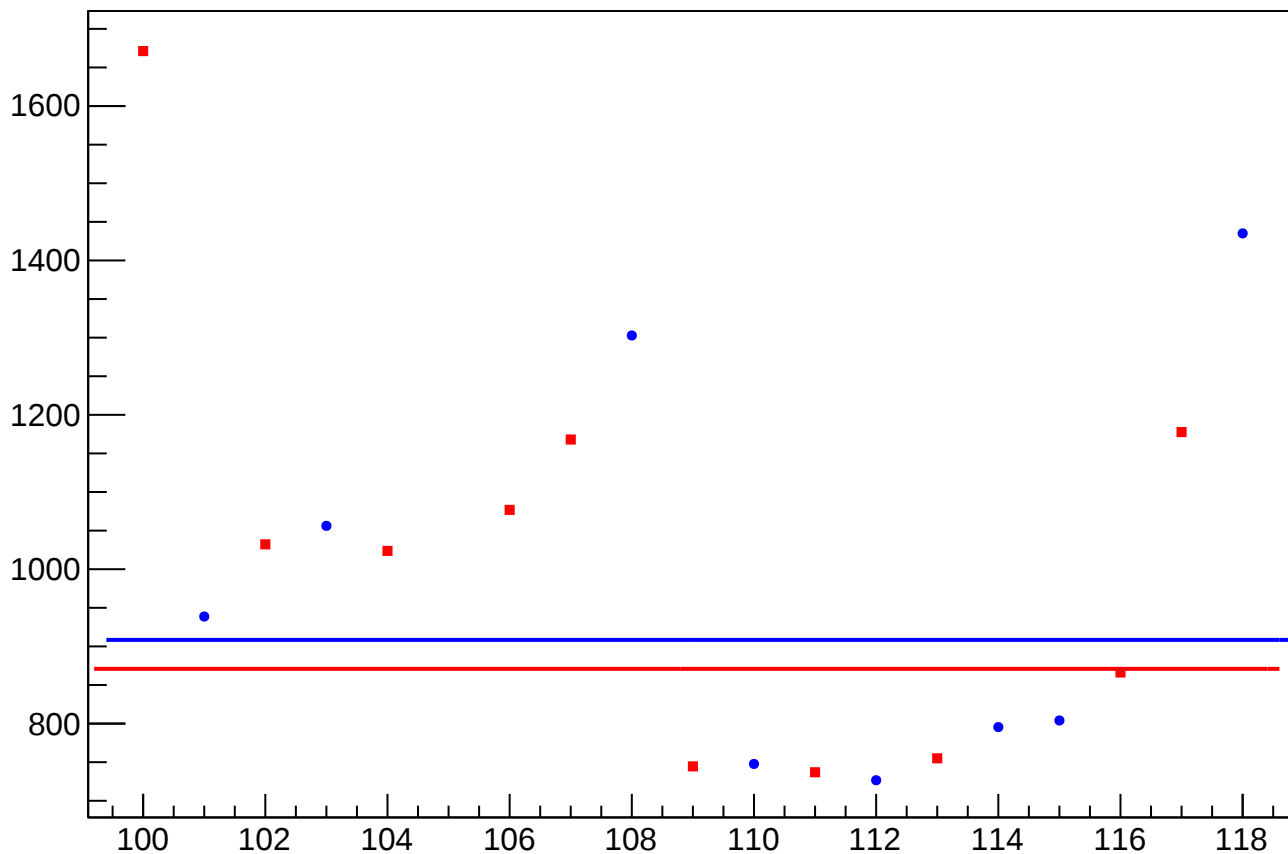
Right Out: 1088.677+/-478.967 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-183.790+/-530.532 χ^2/NDF : 10.8/7

1088.677+/-478.967 χ^2/NDF : 8.1/9

asym_sam_37_avg_rms vs Slug



Right In: 908.425+/-0.375 χ^2/NDF : 325801.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

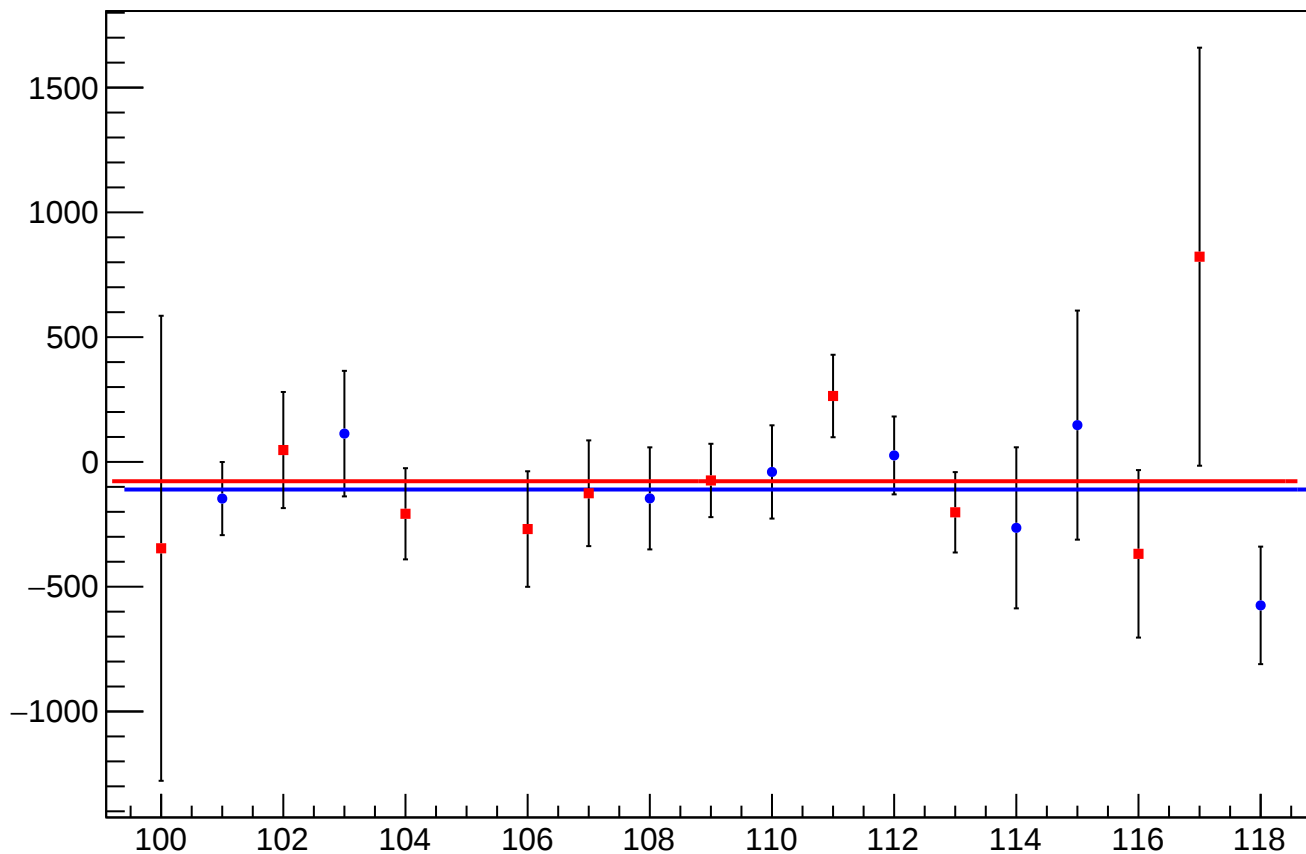
Right Out: 870.927+/-0.339 χ^2/NDF : 232291.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

908.425+/-0.375 χ^2/NDF : 325801.1/7

870.927+/-0.339 χ^2/NDF : 232291.3/9

reg_asym_sam_48_avg_mean vs Slug



Right In: -110.575+/-72.854 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

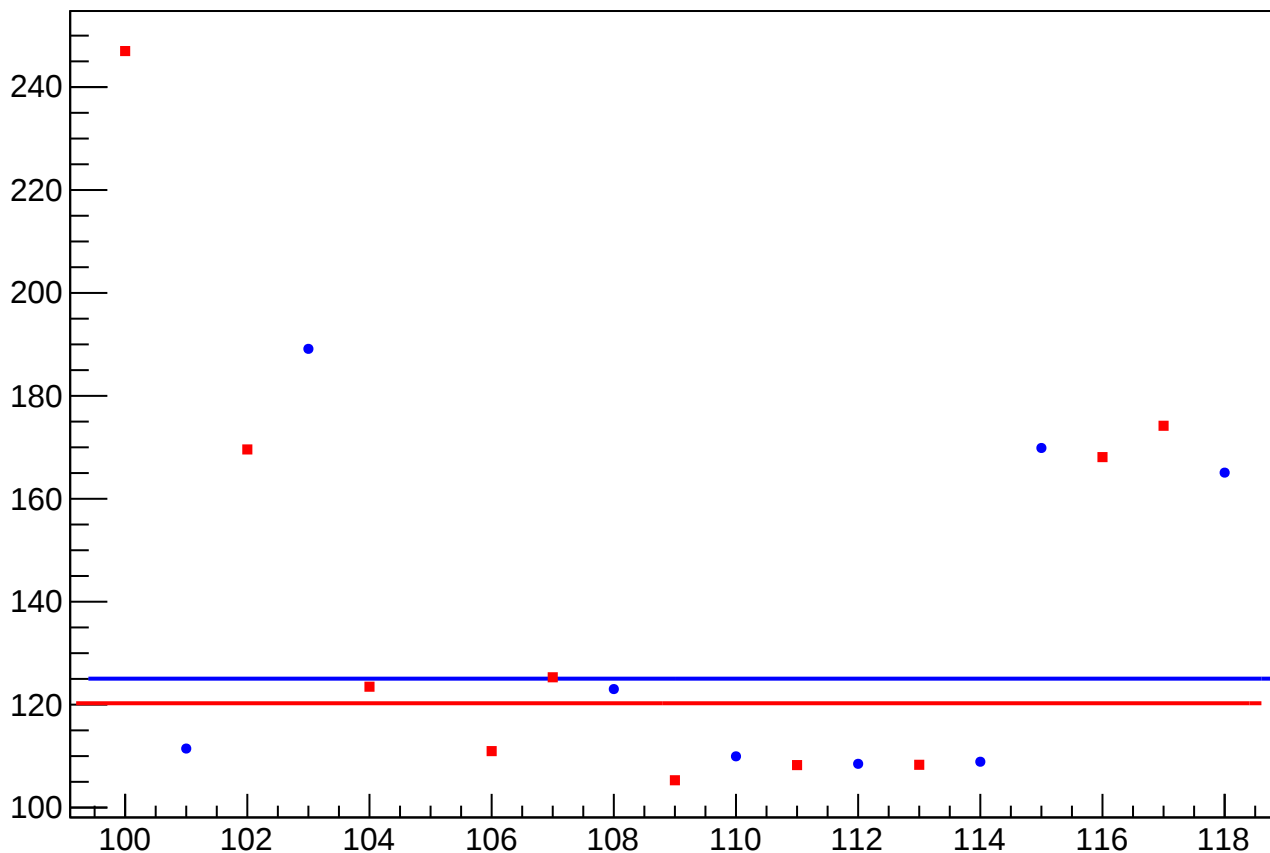
Right Out: -77.384+/-67.068 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-110.575+/-72.854 χ^2/NDF : 6.2/7

-77.384+/-67.068 χ^2/NDF : 8.4/9

reg_asym_sam_48_avg_rms vs Slug



Right In: 125.049+/-0.052 χ^2/NDF : 264657.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

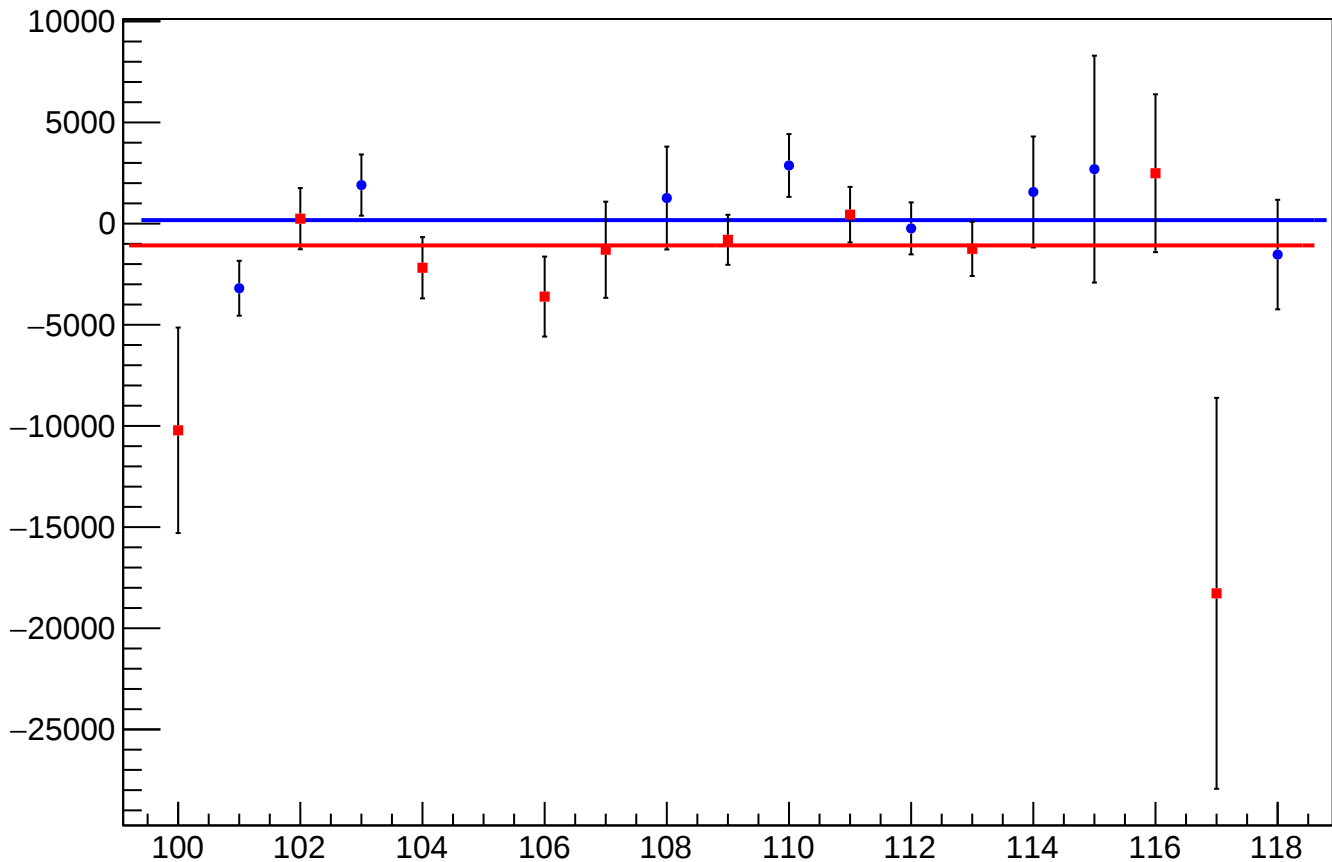
Right Out: 120.269+/-0.047 χ^2/NDF : 223105.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

125.049+/-0.052 χ^2/NDF : 264657.4/7

120.269+/-0.047 χ^2/NDF : 223105.6/9

asym_sam_48_avg_correction_mean vs Slug



Right In: 172.358+/-637.869 χ^2/NDF : 11.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

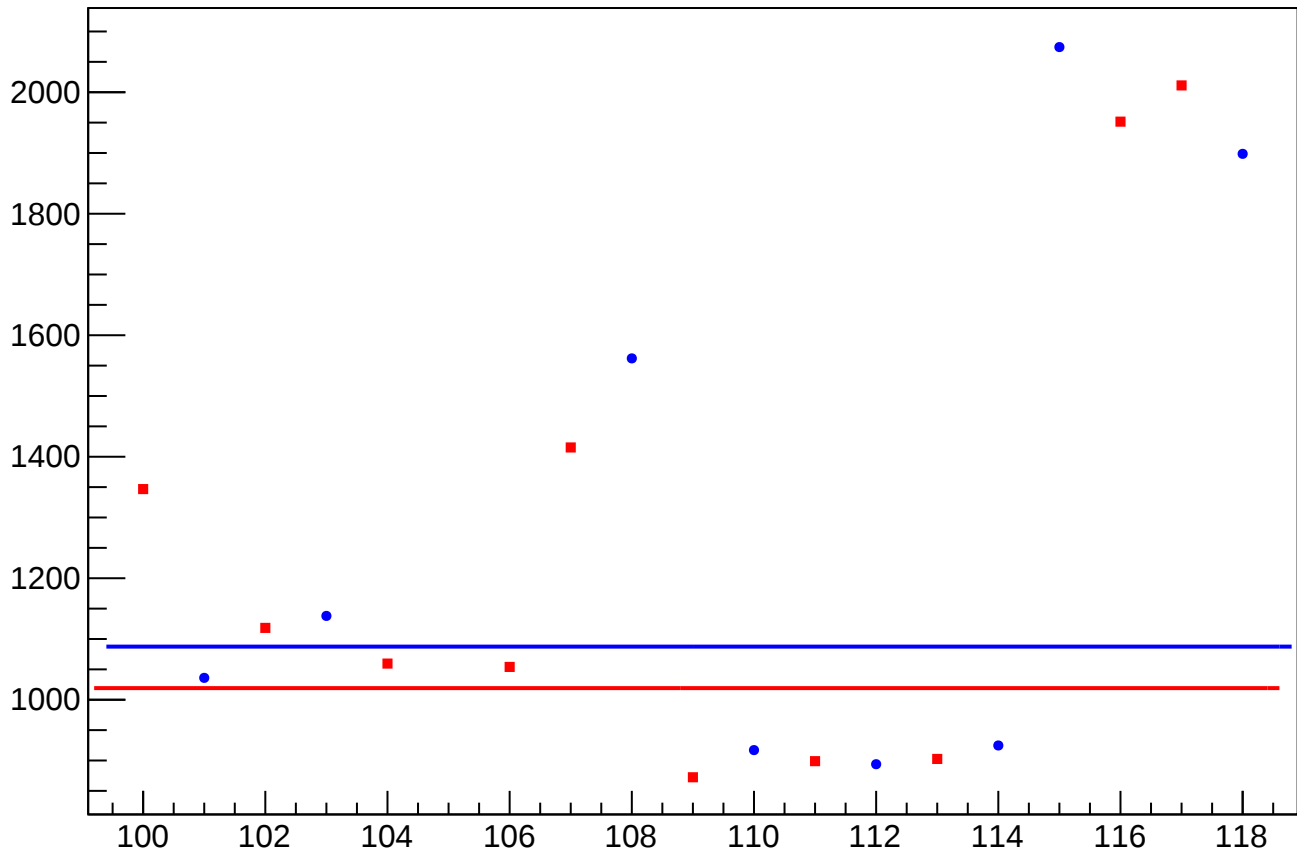
Right Out: -1076.910+/-562.253 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

172.358+/-637.869 χ^2/NDF : 11.7/7

-1076.910+/-562.253 χ^2/NDF : 11.5/9

asym_sam_48_avg_correction_rms vs Slug



Right In: 1087.465+/-0.451 χ^2/NDF : 392768.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

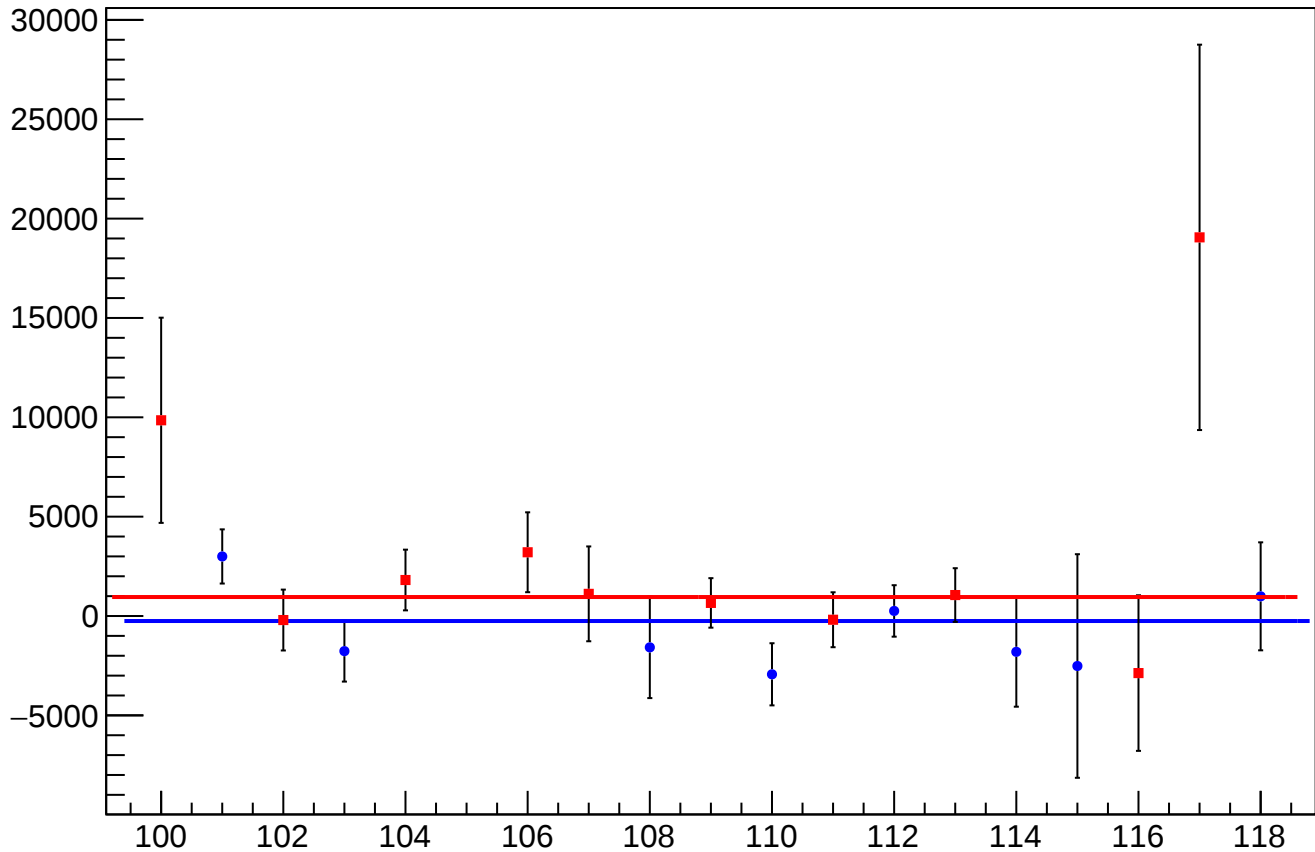
1087.465+/-0.451 χ^2/NDF : 392768.7/7

Right Out: 1019.143+/-0.398 χ^2/NDF : 268594.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1019.143+/-0.398 χ^2/NDF : 268594.4/9

asym_sam_48_avg_mean vs Slug



Right In: -251.947+/-642.825 χ^2/NDF : 10.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

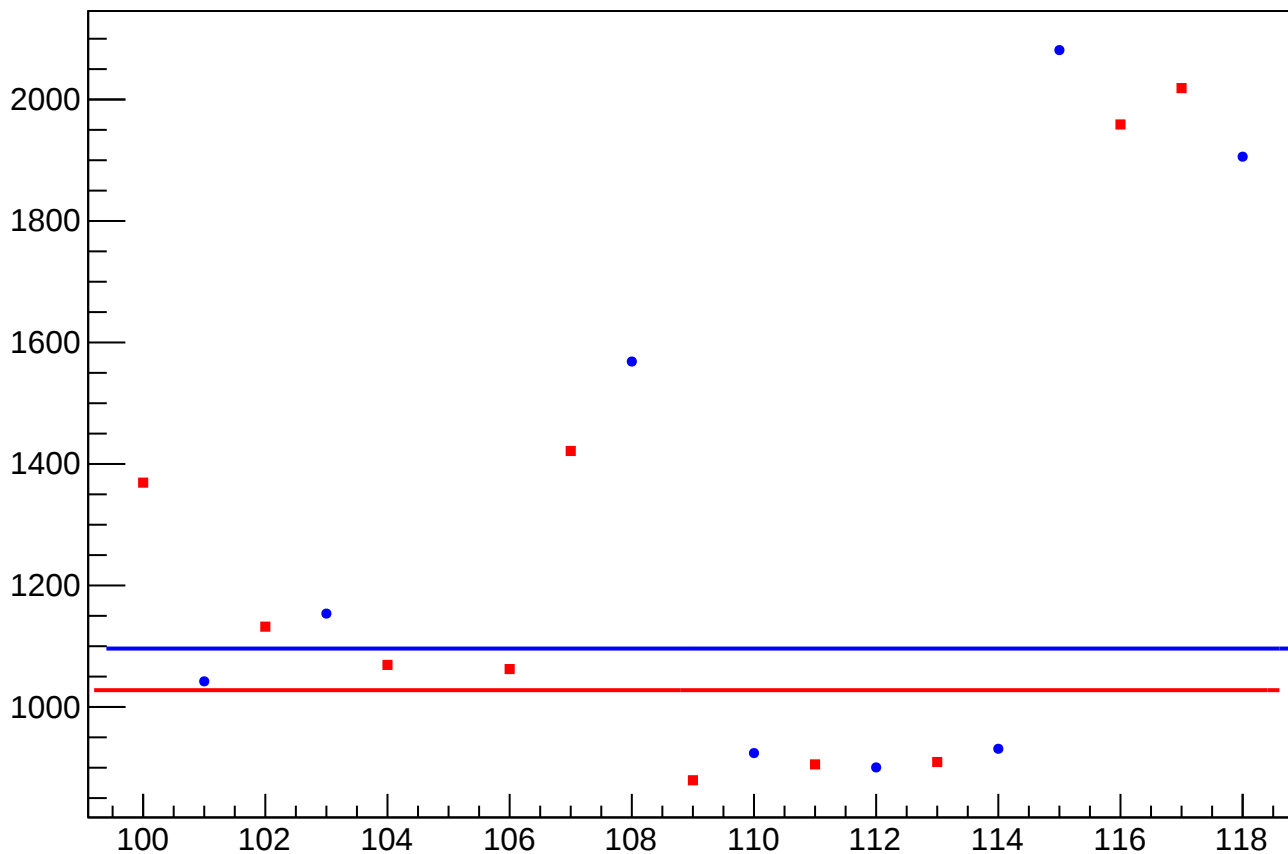
Right Out: 955.486+/-567.351 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-251.947+/-642.825 χ^2/NDF : 10.7/7

955.486+/-567.351 χ^2/NDF : 10.3/9

asym_sam_48_avg_rms vs Slug



Right In: 1096.148 $\pm$ 0.455 χ^2 /NDF: 390358.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

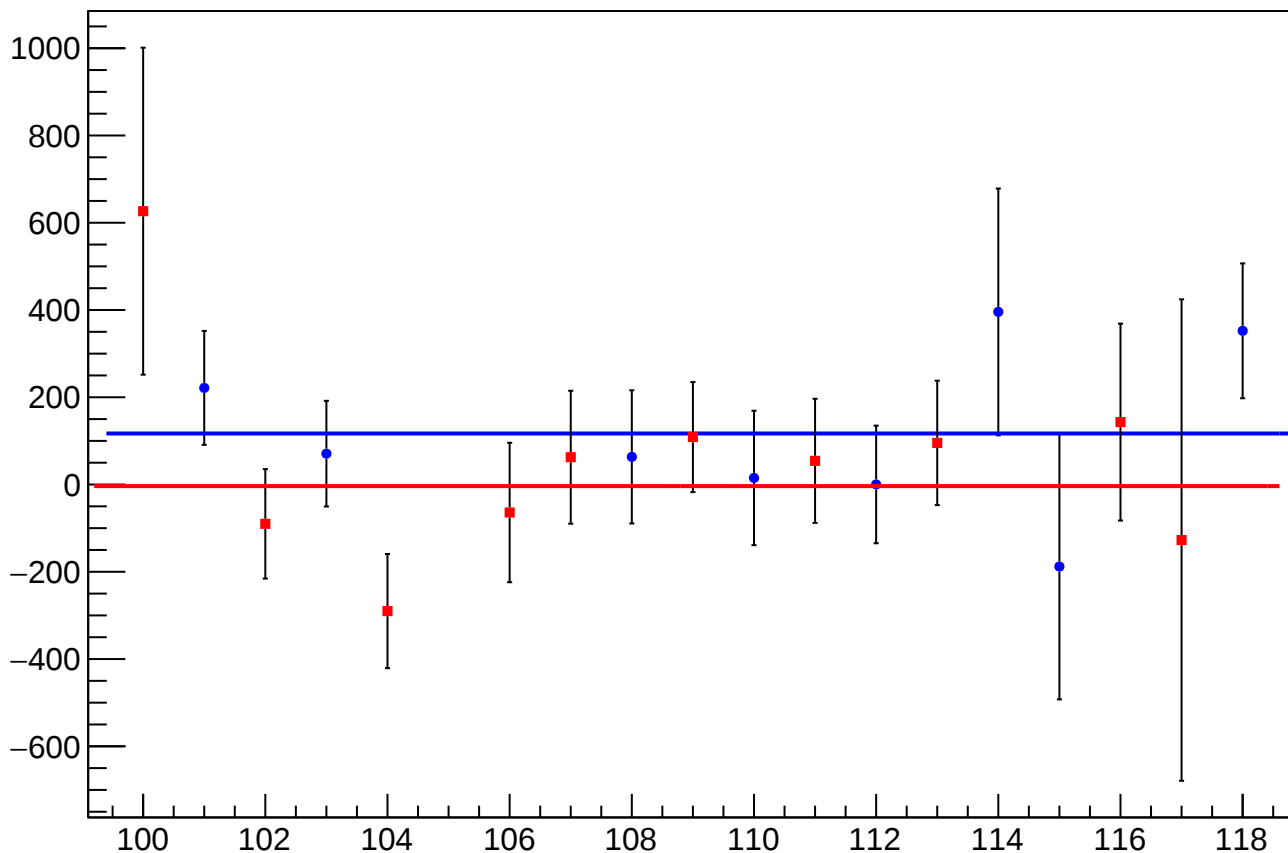
Right Out: 1027.631 $\pm$ 0.401 χ^2 /NDF: 267956.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

1096.148 $\pm$ 0.455 χ^2 /NDF: 390358.8/7

1027.631 $\pm$ 0.401 χ^2 /NDF: 267956.1/9

reg_asym_sam_15_dd_mean vs Slug



Right In: 116.987 $\pm$ 54.883 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

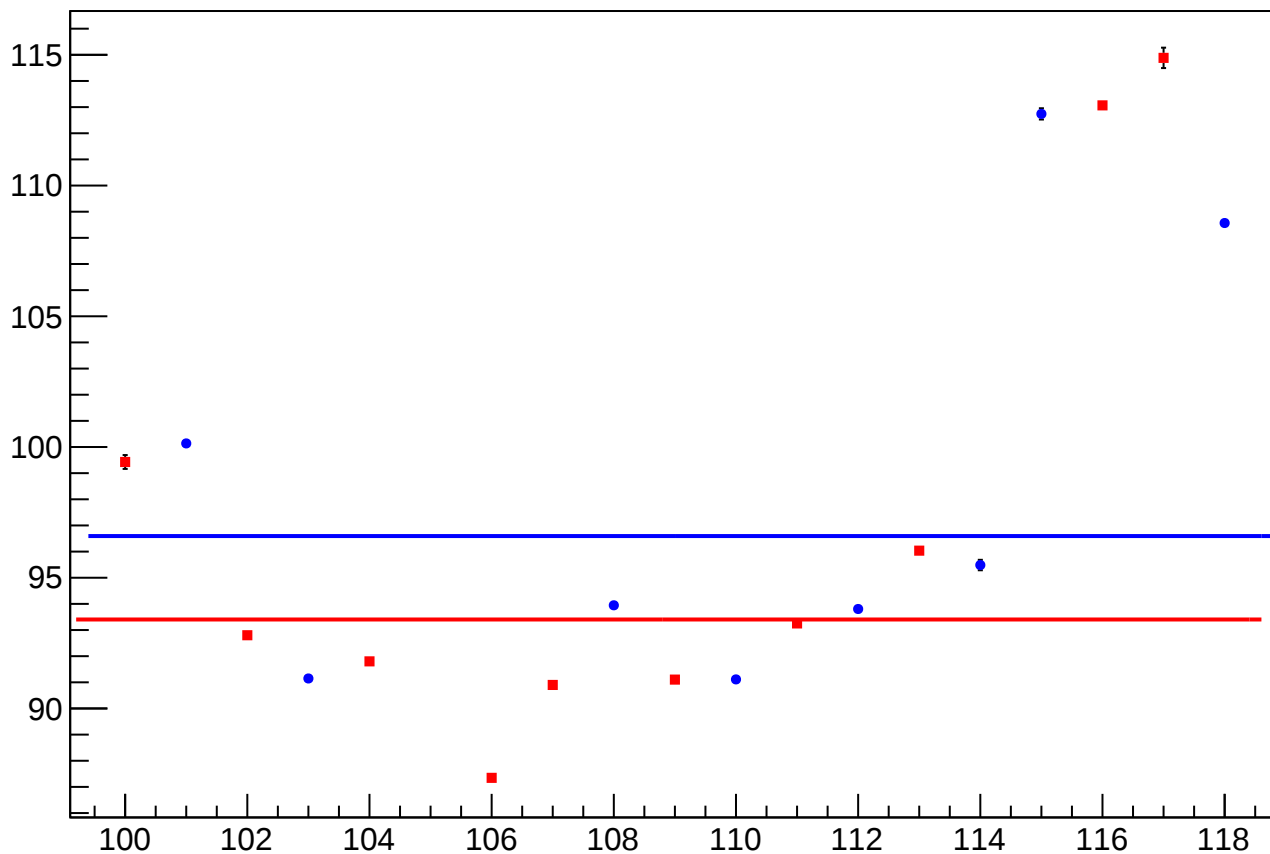
Right Out: -3.615 $\pm$ 50.272 χ^2 /NDF: 10.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.987 $\pm$ 54.883 χ^2 /NDF: 6.4/7

-3.615 $\pm$ 50.272 χ^2 /NDF: 10.3/9

reg_asym_sam_15_dd_rms vs Slug



Right In: 96.594+/-0.039 χ^2/NDF : 27161.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

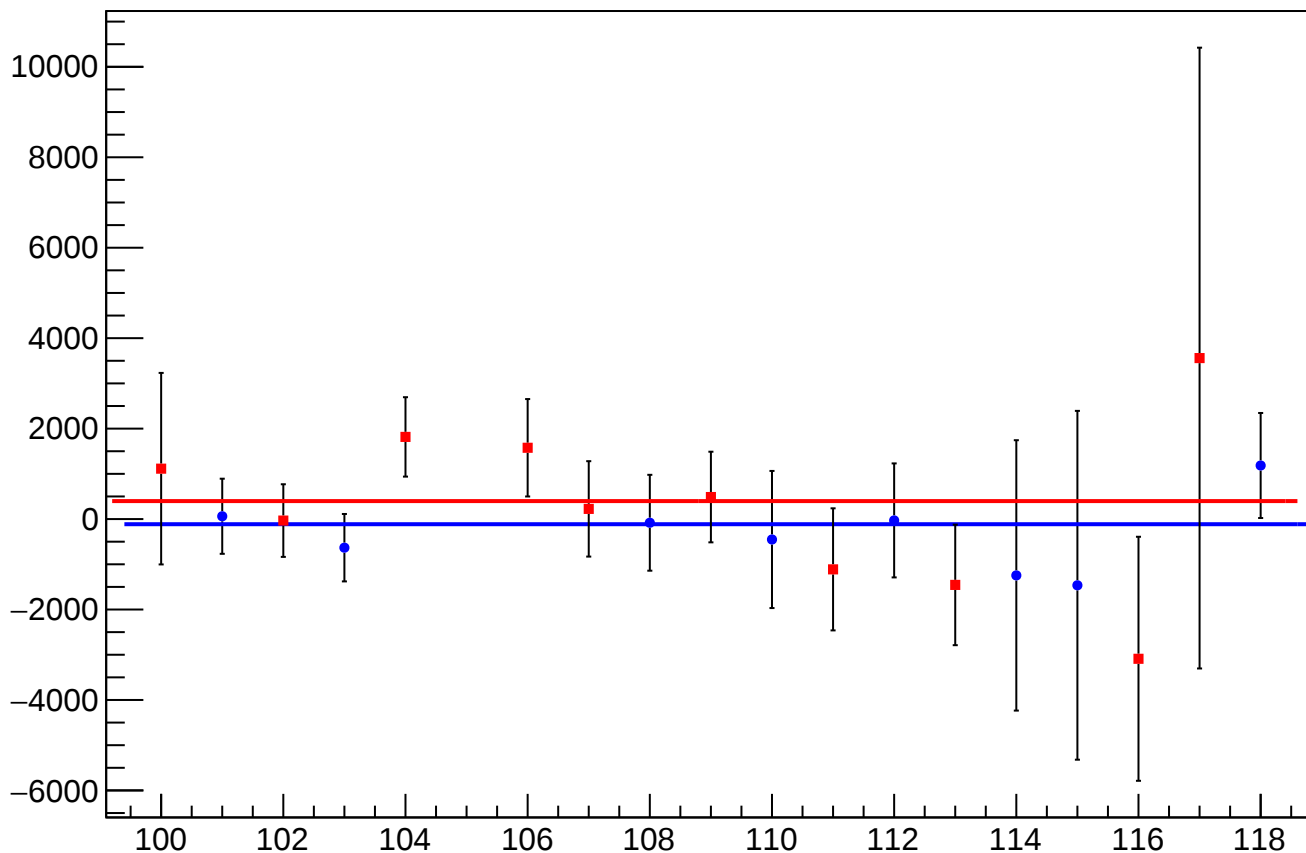
Right Out: 93.403+/-0.036 χ^2/NDF : 23831.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

96.594+/-0.039 χ^2/NDF : 27161.6/7

93.403+/-0.036 χ^2/NDF : 23831.8/9

asym_sam_15_dd_correction_mean vs Slug



Right In: -113.700+/-404.044 χ^2/NDF : 2.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

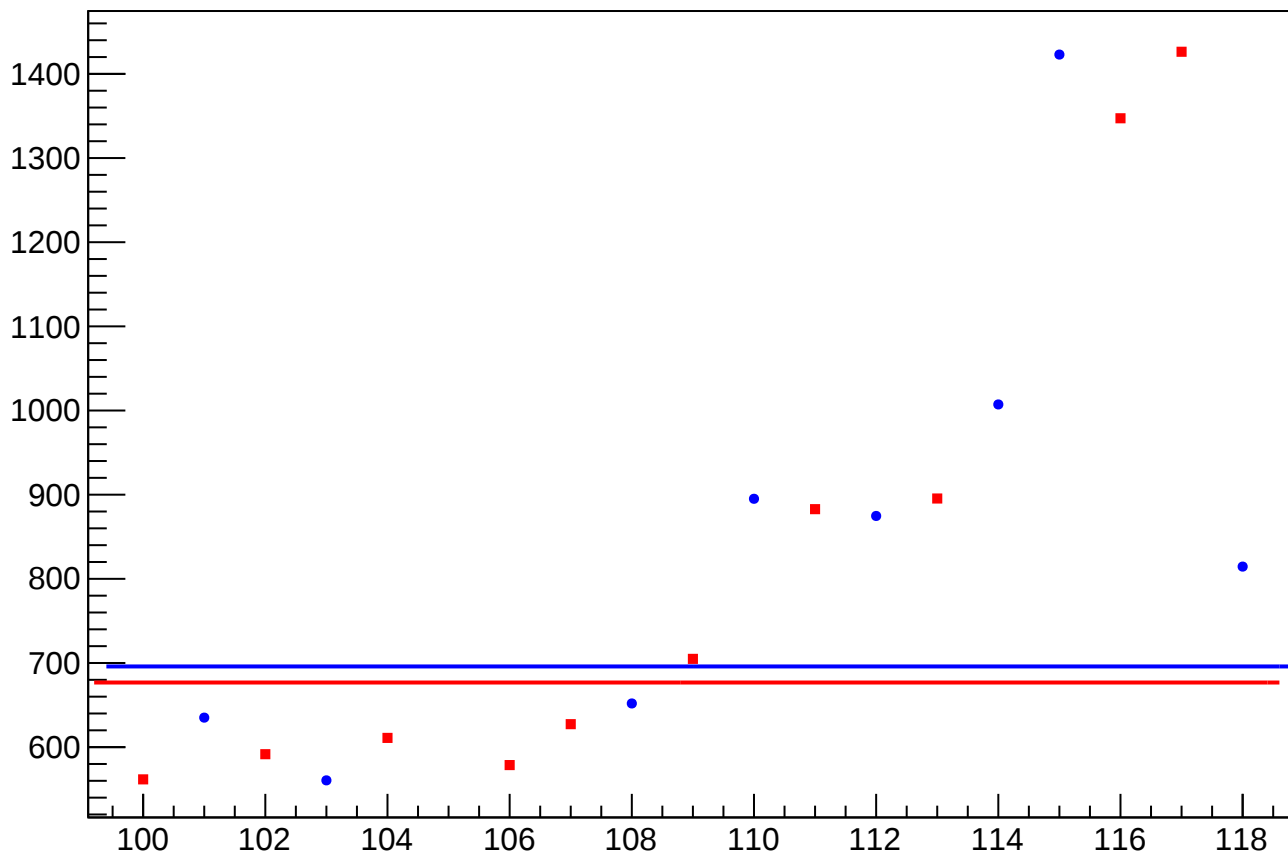
Right Out: 397.536+/-375.337 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-113.700+/-404.044 χ^2/NDF : 2.1/7

397.536+/-375.337 χ^2/NDF : 9.3/9

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.892 $\pm$ 0.286 χ^2 /NDF: 268580.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

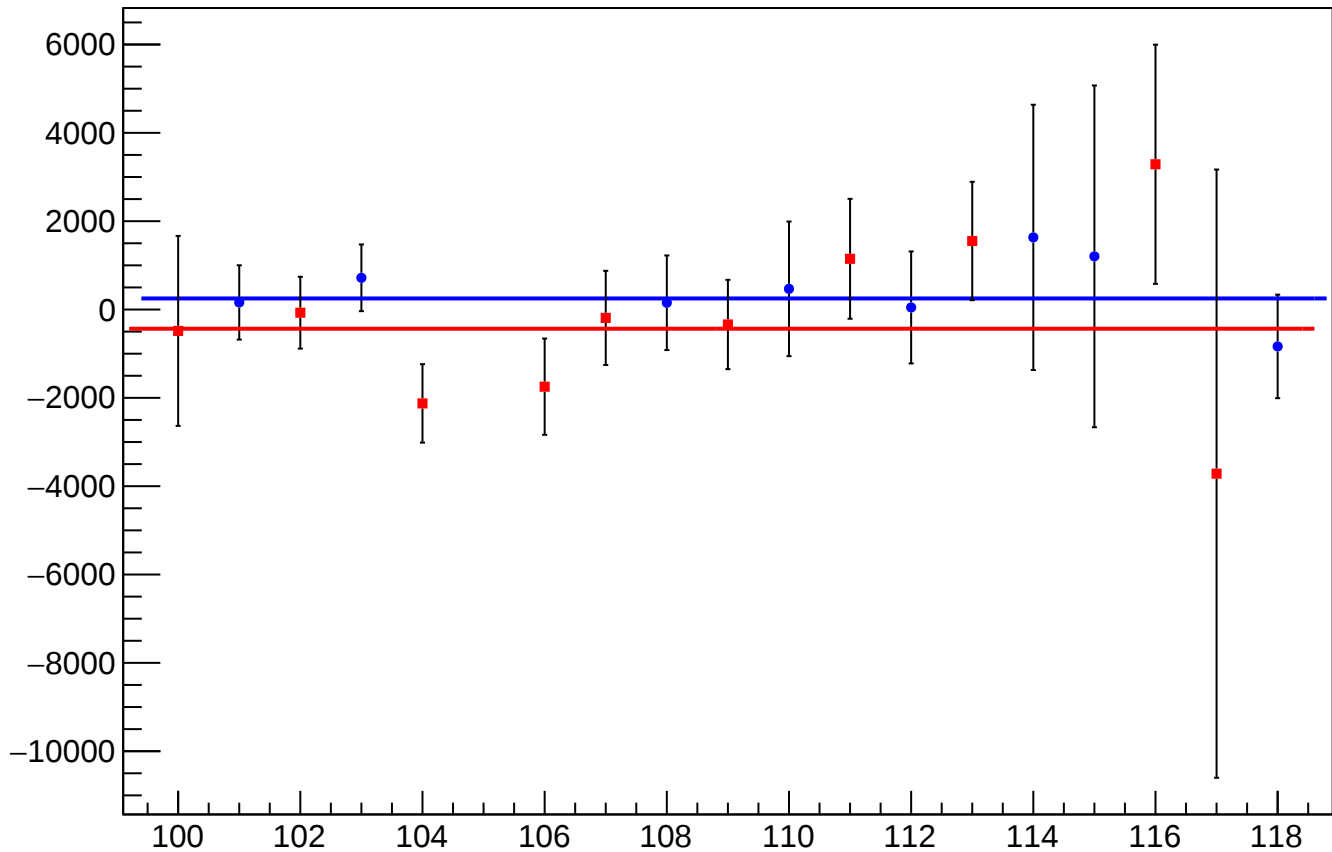
Right Out: 676.800 $\pm$ 0.265 χ^2 /NDF: 309974.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

695.892 $\pm$ 0.286 χ^2 /NDF: 268580.5/7

676.800 $\pm$ 0.265 χ^2 /NDF: 309974.7/9

asym_sam_15_dd_mean vs Slug



Right In: 250.553+/-408.293 χ^2/NDF : 1.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

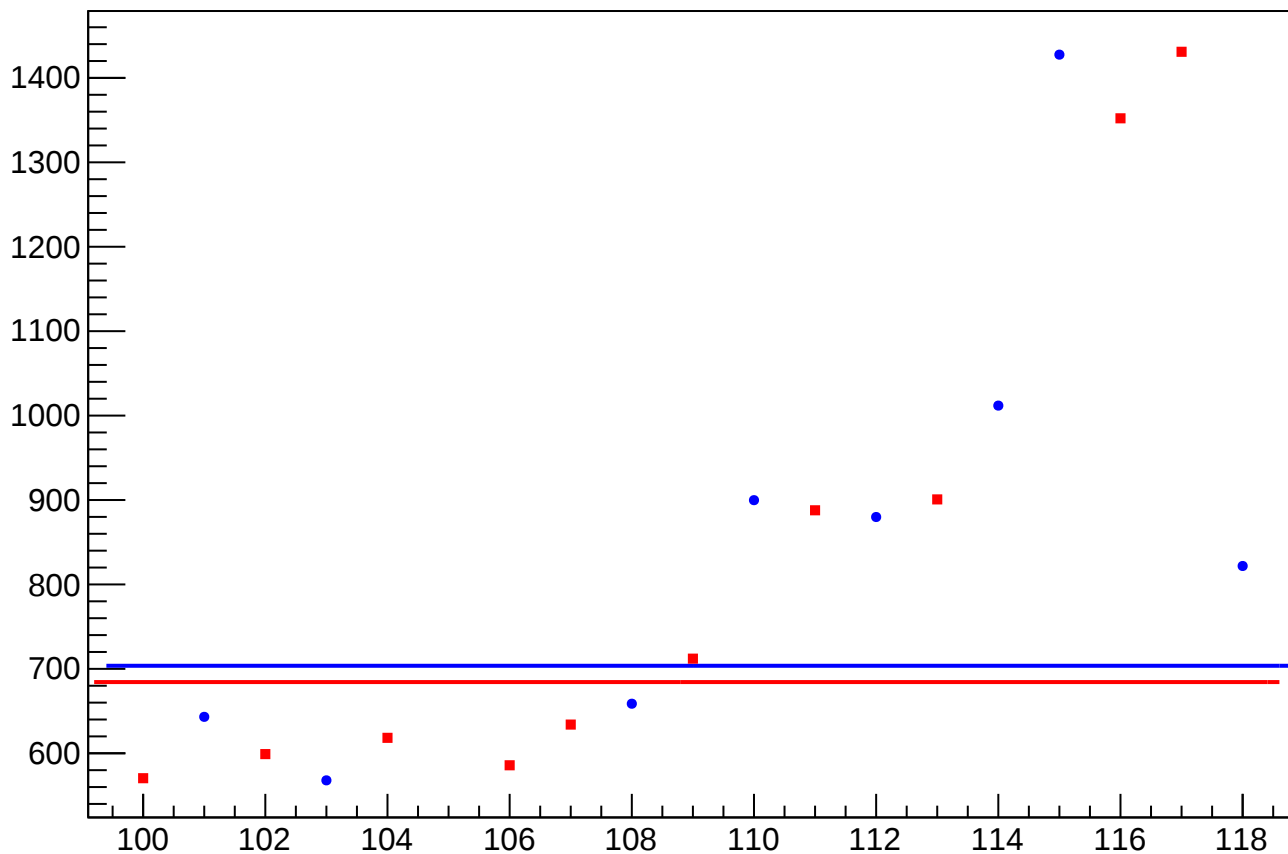
Right Out: -434.400+/-379.233 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

250.553+/-408.293 χ^2/NDF : 1.6/7

-434.400+/-379.233 χ^2/NDF : 11.0/9

asym_sam_15_dd_rms vs Slug



Right In: 703.659+/-0.289 χ^2/NDF : 261696.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

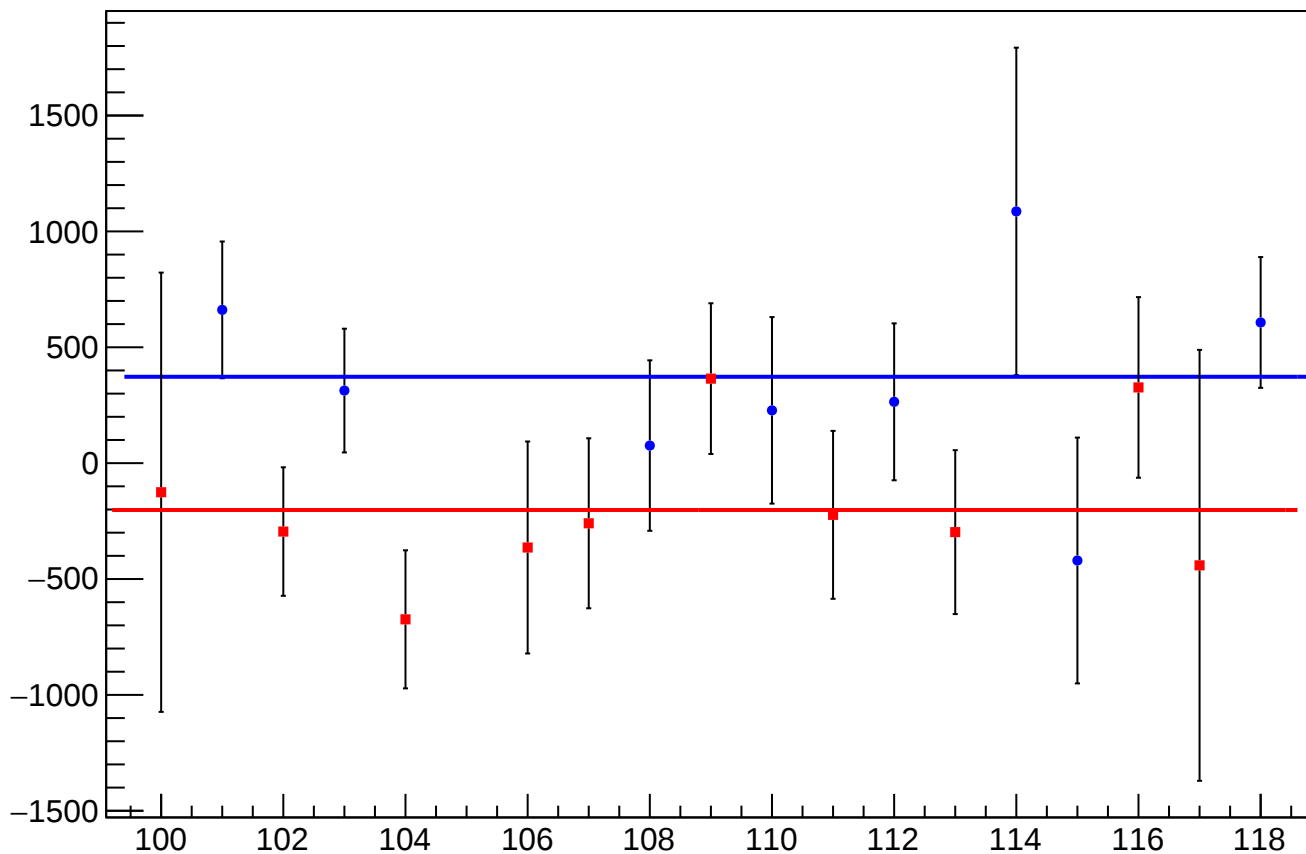
Right Out: 684.355+/-0.268 χ^2/NDF : 303228.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

703.659+/-0.289 χ^2/NDF : 261696.5/7

684.355+/-0.268 χ^2/NDF : 303228.2/9

reg_asym_sam_26_dd_mean vs Slug



Right In: 372.764 $\pm$ 123.155 χ^2 /NDF: 5.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

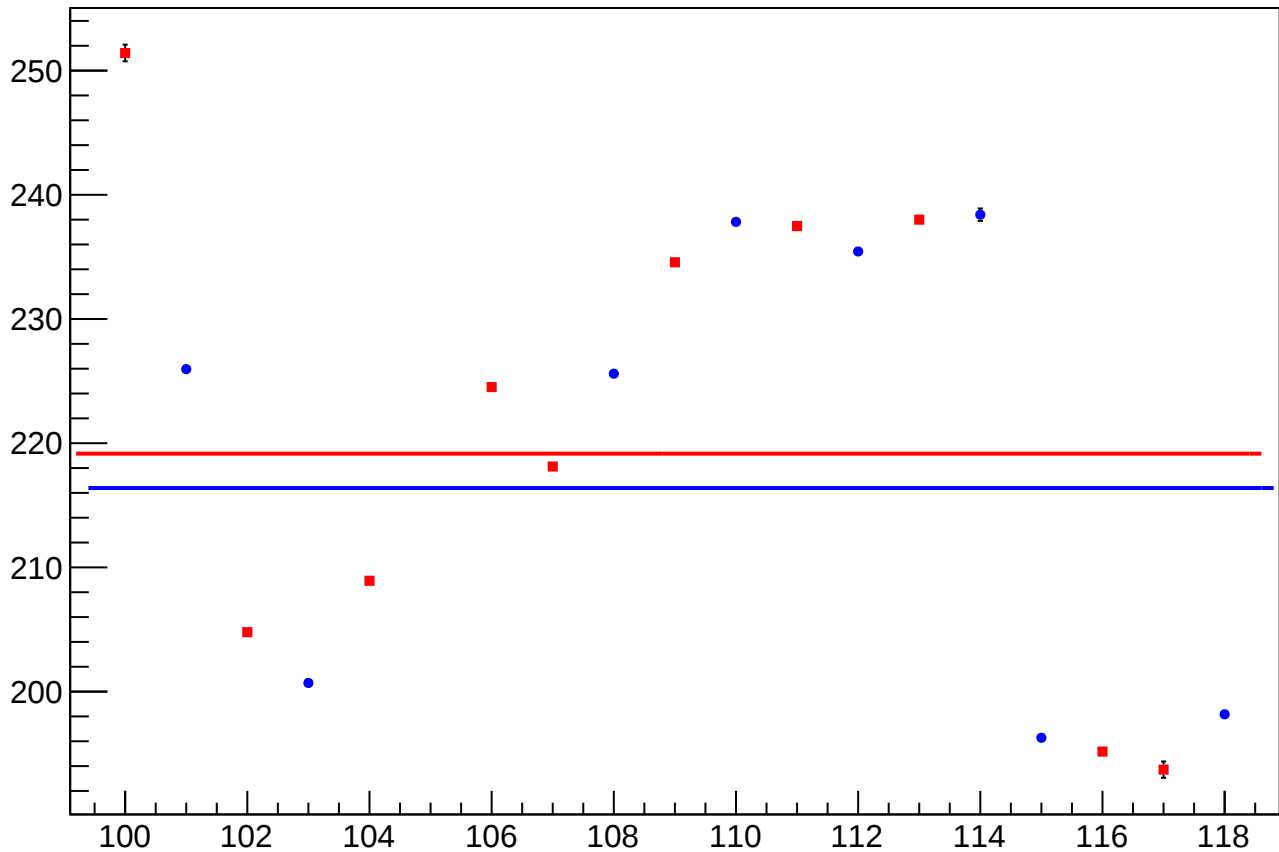
Right Out: -202.098 $\pm$ 119.172 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

372.764 $\pm$ 123.155 χ^2 /NDF: 5.8/7

-202.098 $\pm$ 119.172 χ^2 /NDF: 7.8/9

reg_asym_sam_26_dd_rms vs Slug



Right In: 216.391+/-0.087 χ^2/NDF : 35433.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

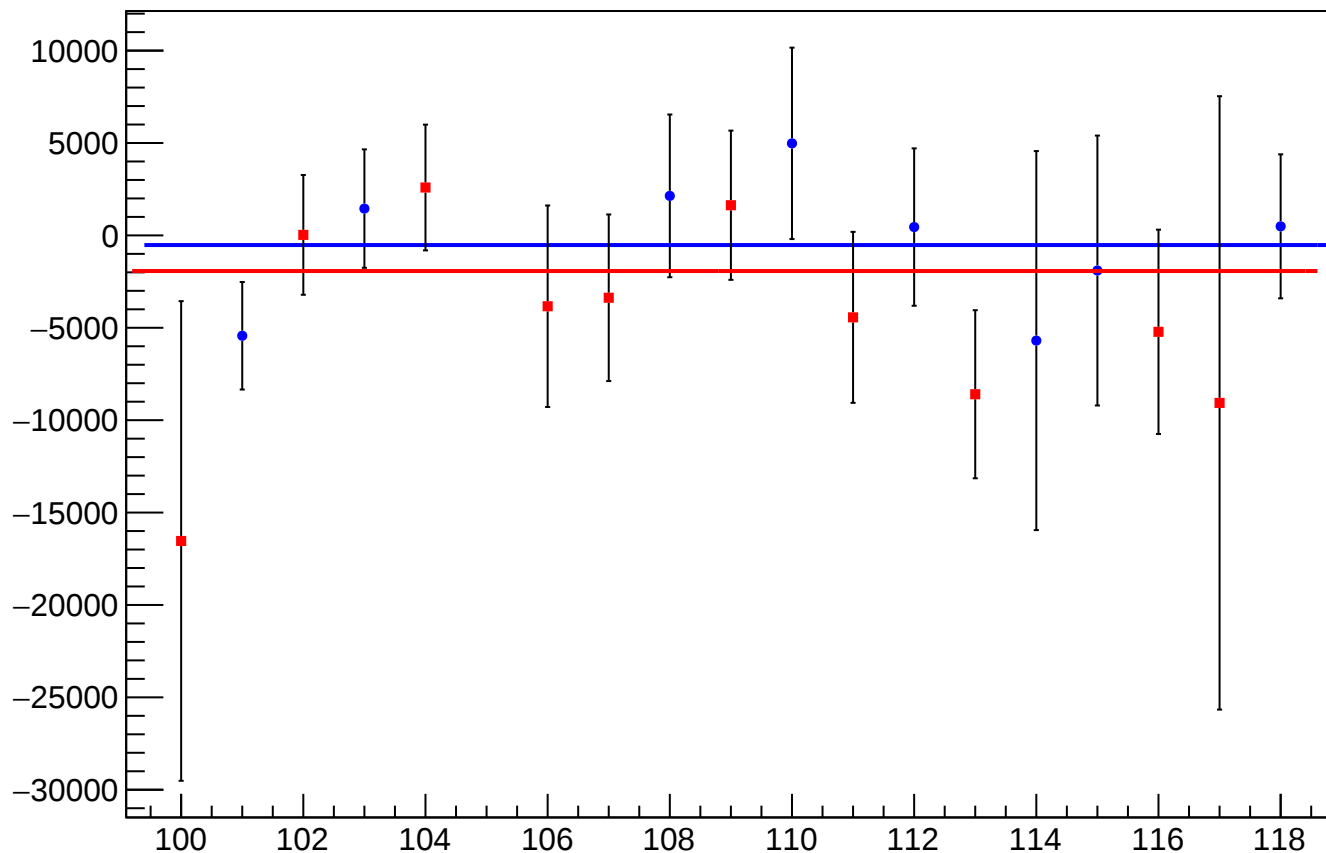
Right Out: 219.160+/-0.084 χ^2/NDF : 34700.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

216.391+/-0.087 χ^2/NDF : 35433.4/7

219.160+/-0.084 χ^2/NDF : 34700.4/9

asym_sam_26_dd_correction_mean vs Slug



Right In: -522.318+/-1484.780 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

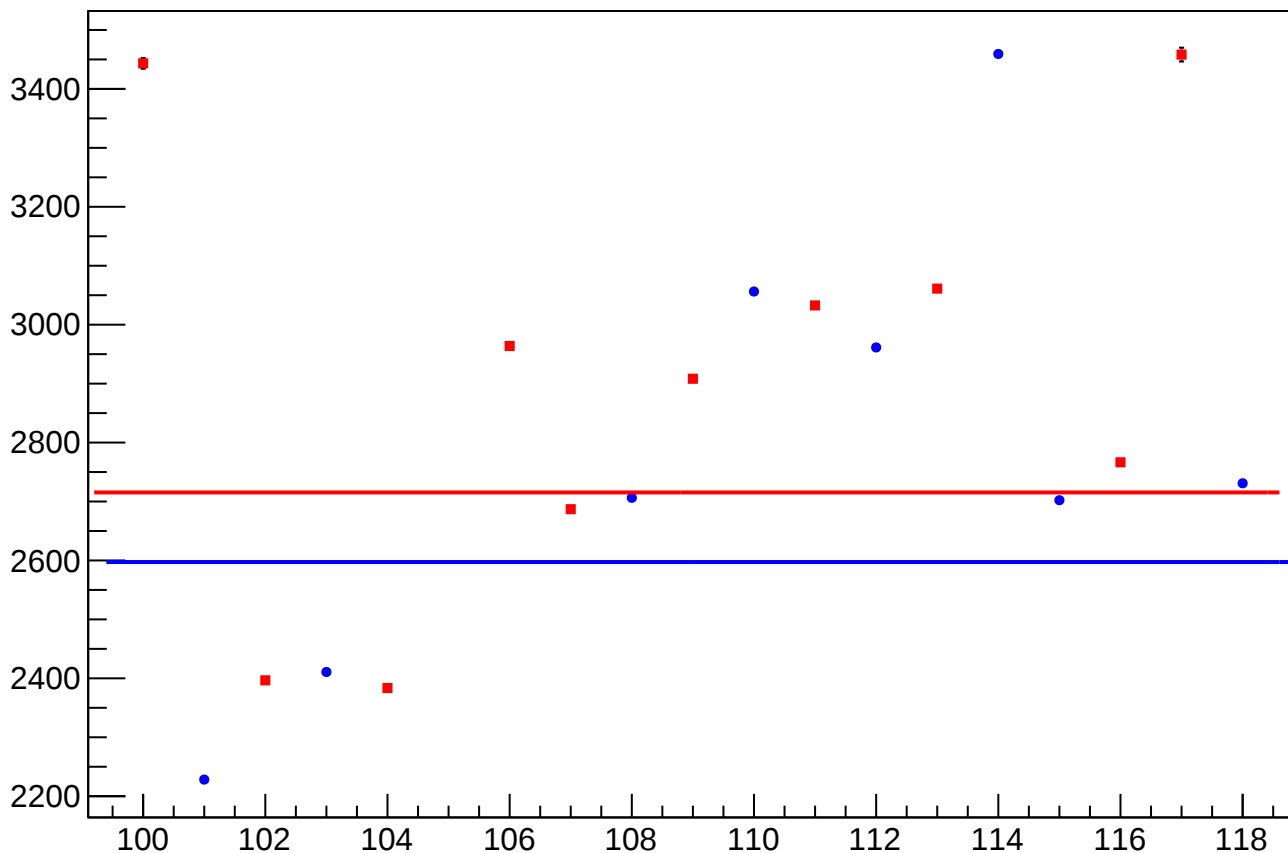
Right Out: -1928.397+/-1469.468 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-522.318+/-1484.780 χ^2/NDF : 5.1/7

-1928.397+/-1469.468 χ^2/NDF : 7.4/9

asym_sam_26_dd_correction_rms vs Slug



Right In: 2597.307+/-1.050 χ^2/NDF : 87398.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

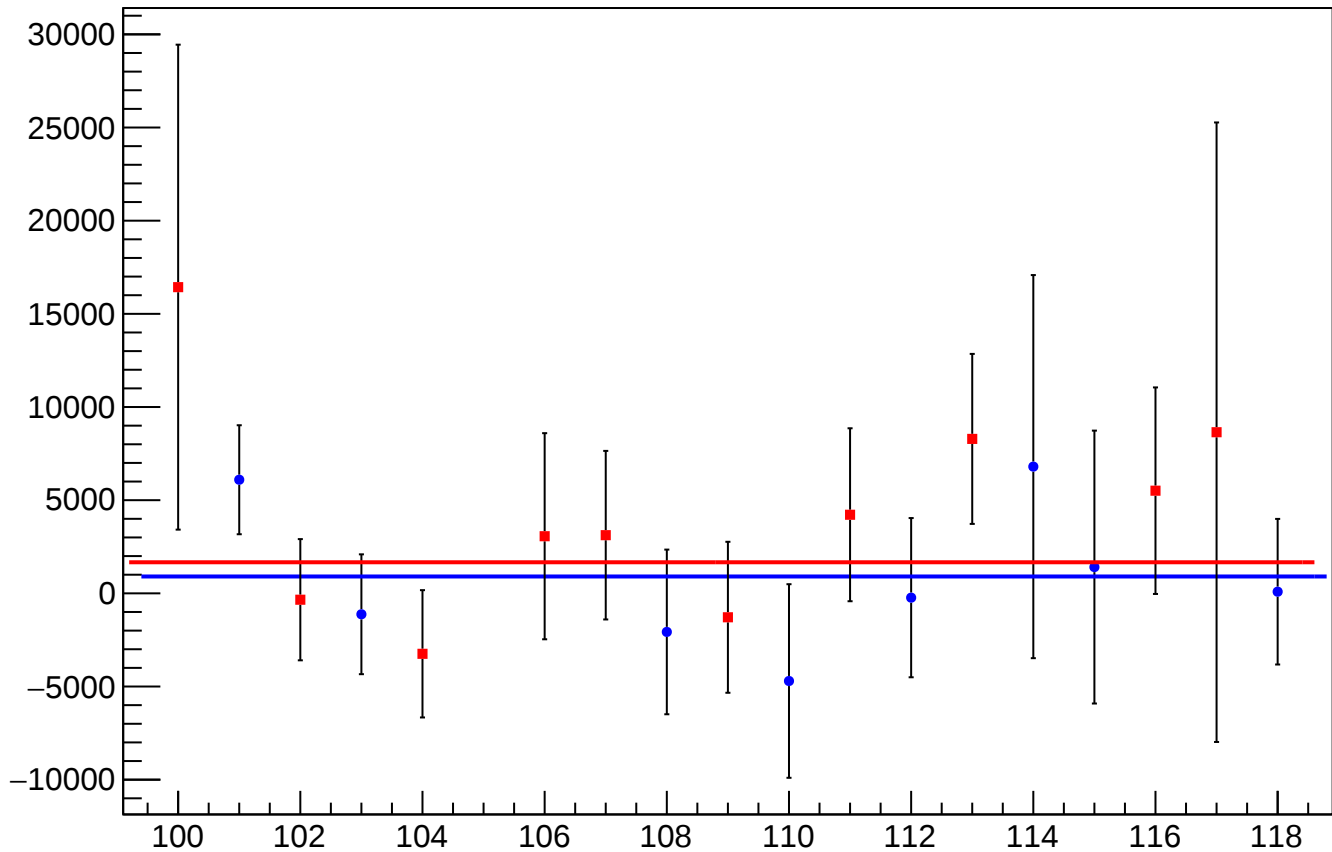
Right Out: 2715.397+/-1.039 χ^2/NDF : 78605.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2597.307+/-1.050 χ^2/NDF : 87398.8/7

2715.397+/-1.039 χ^2/NDF : 78605.5/9

asym_sam_26_dd_mean vs Slug



Right In: 905.174 $\pm$ 1490.263 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

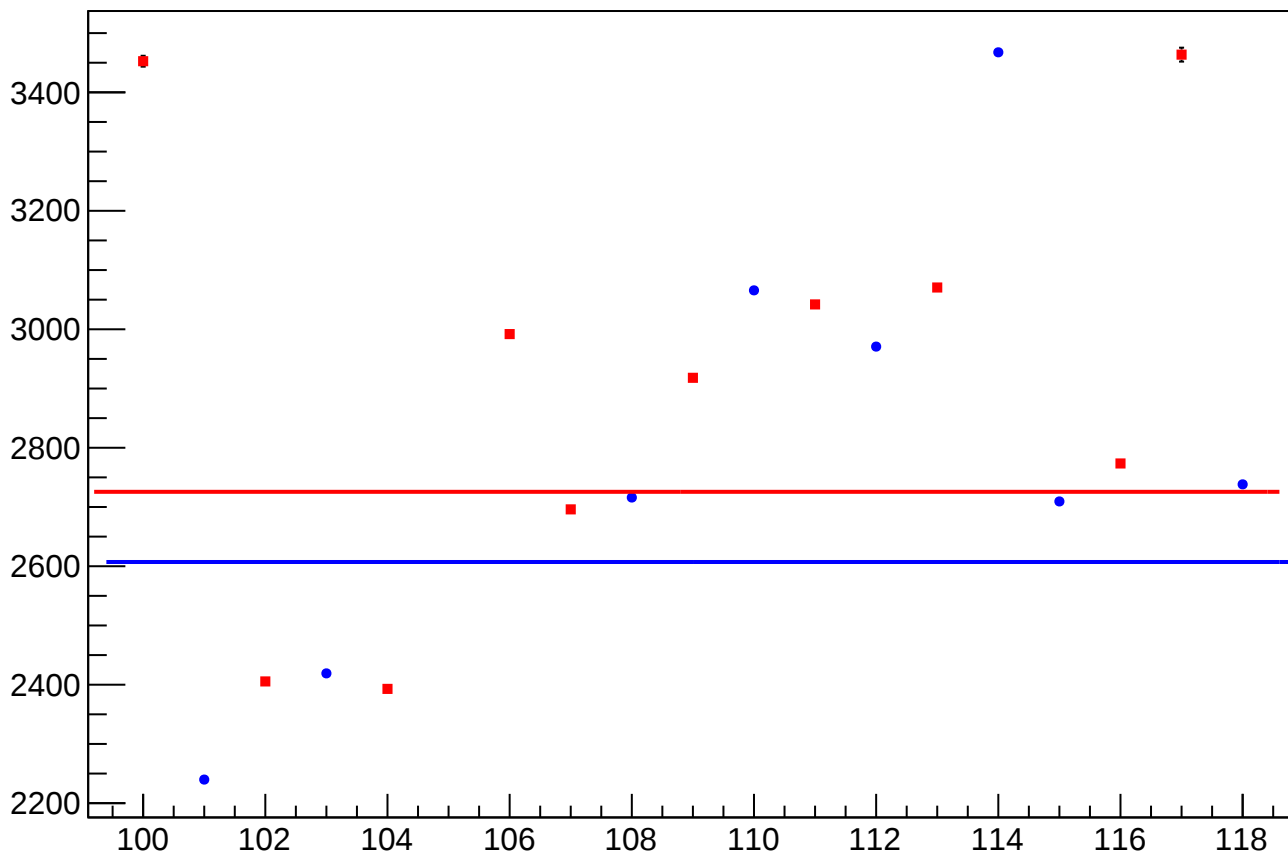
Right Out: 1667.785 $\pm$ 1475.595 χ^2 /NDF: 7.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

905.174 $\pm$ 1490.263 χ^2 /NDF: 5.6/7

1667.785 $\pm$ 1475.595 χ^2 /NDF: 7.5/9

asym_sam_26_dd_rms vs Slug



Right In: 2607.158 $\pm$ 1.054 χ^2 /NDF: 86316.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

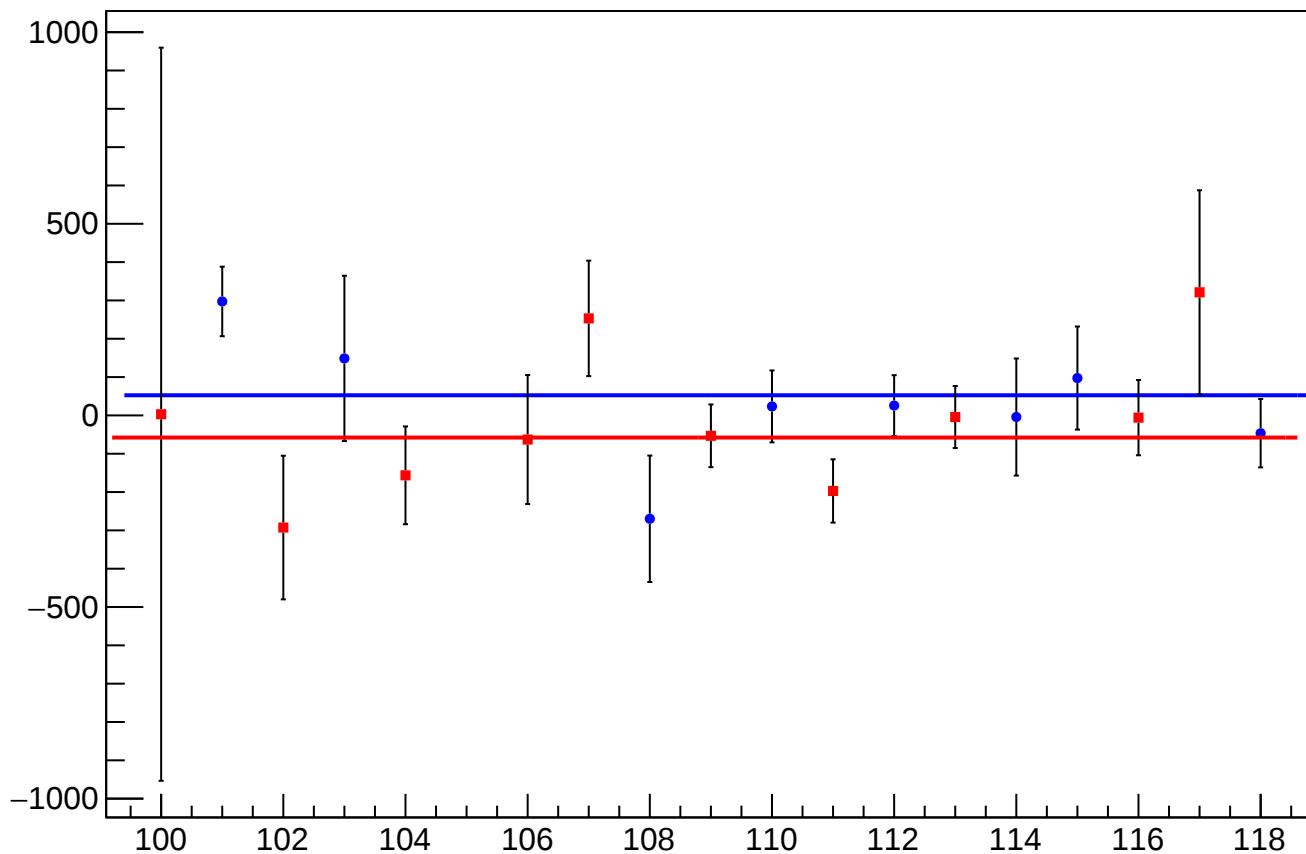
Right Out: 2725.626 $\pm$ 1.043 χ^2 /NDF: 78634.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2607.158 $\pm$ 1.054 χ^2 /NDF: 86316.4/7

2725.626 $\pm$ 1.043 χ^2 /NDF: 78634.3/9

reg_asym_sam_37_dd_mean vs Slug



Right In: 52.549+/-38.453 χ^2/NDF : 13.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

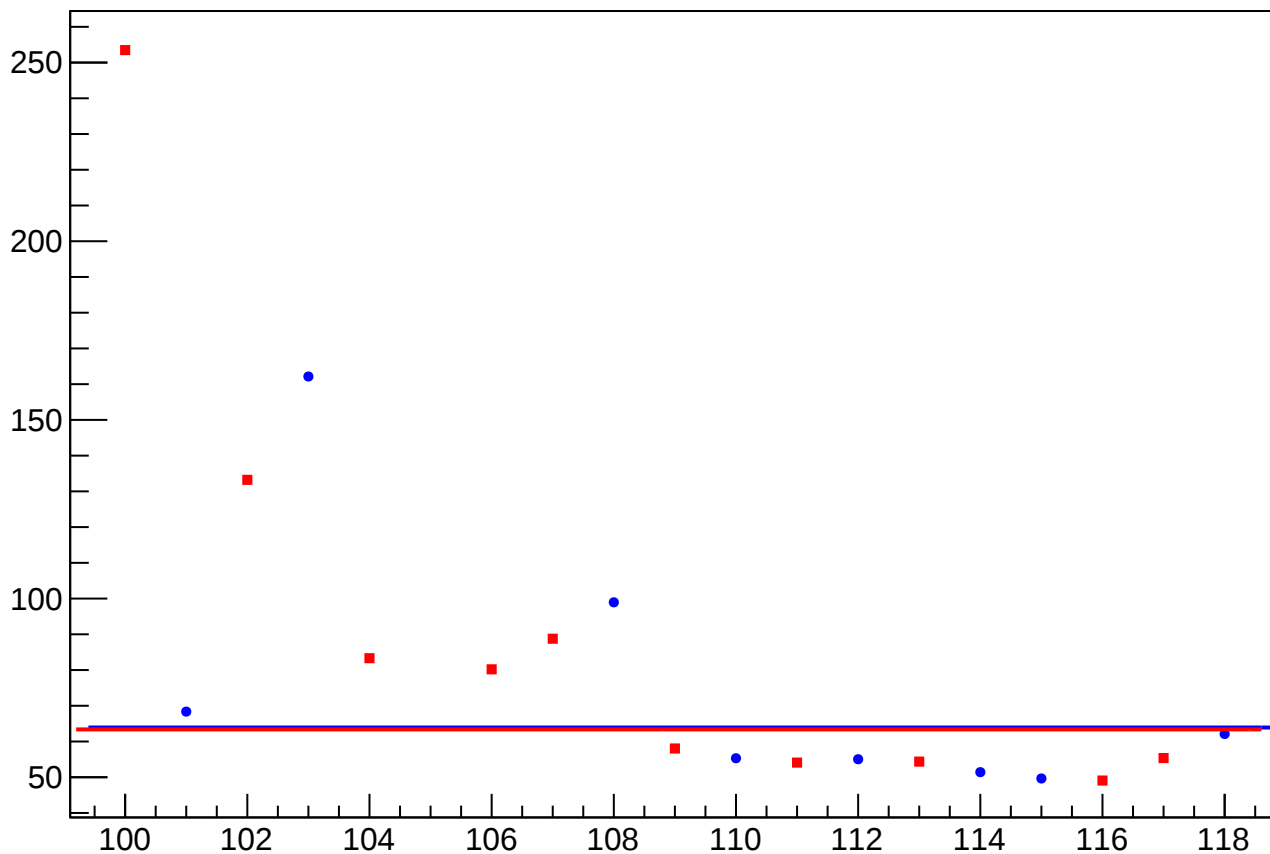
Right Out: -57.764+/-36.837 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.549+/-38.453 χ^2/NDF : 13.0/7

-57.764+/-36.837 χ^2/NDF : 12.0/9

reg_asym_sam_37_dd_rms vs Slug



Right In: 63.914+/-0.027 χ^2/NDF : 588431.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

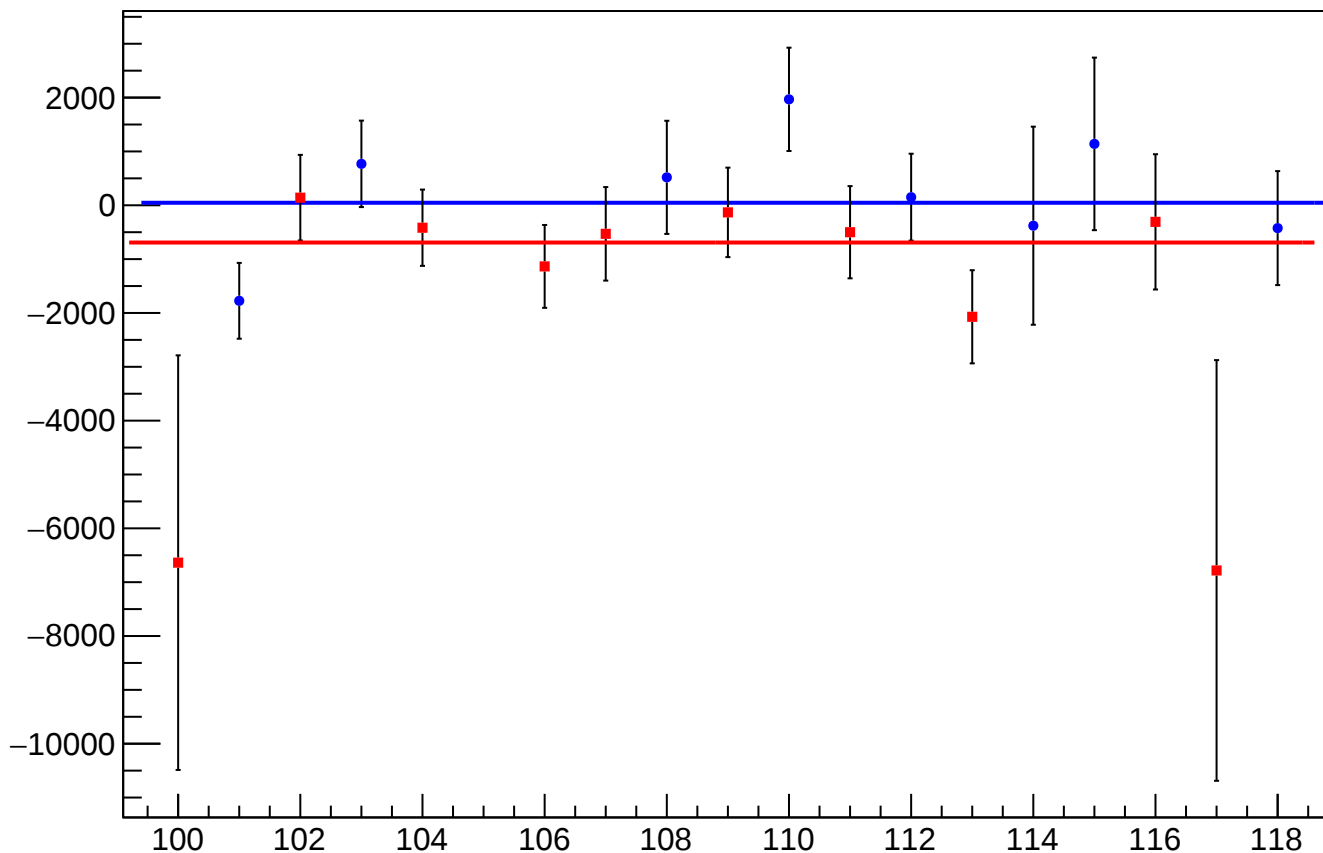
Right Out: 63.385+/-0.026 χ^2/NDF : 585278.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.914+/-0.027 χ^2/NDF : 588431.0/7

63.385+/-0.026 χ^2/NDF : 585278.2/9

asym_sam_37_dd_correction_mean vs Slug



Right In: 46.716+/-339.550 χ^2/NDF : 12.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

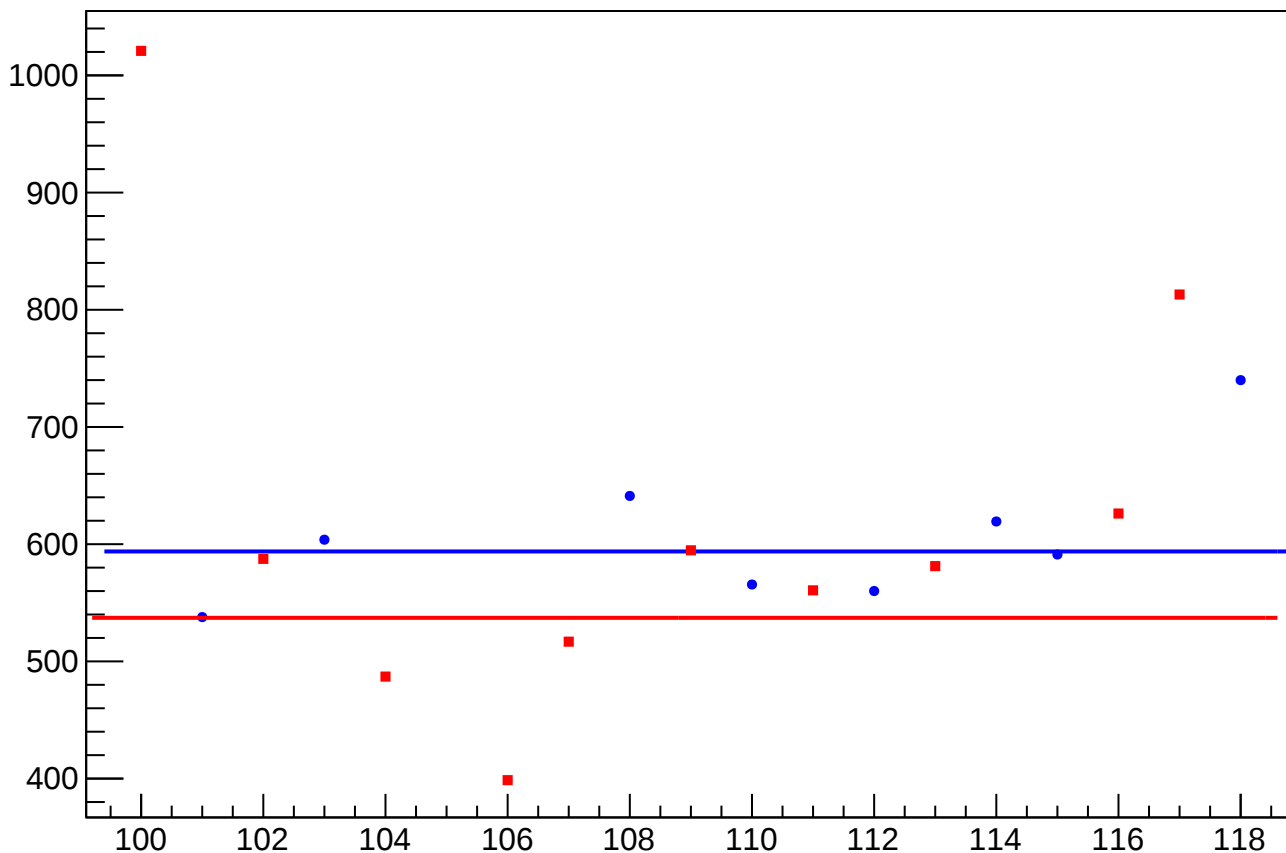
Right Out: -691.680+/-294.820 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.716+/-339.550 χ^2/NDF : 12.4/7

-691.680+/-294.820 χ^2/NDF : 9.6/9

asym_sam_37_dd_correction_rms vs Slug



Right In: 593.800+/-0.240 χ^2/NDF : 60789.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

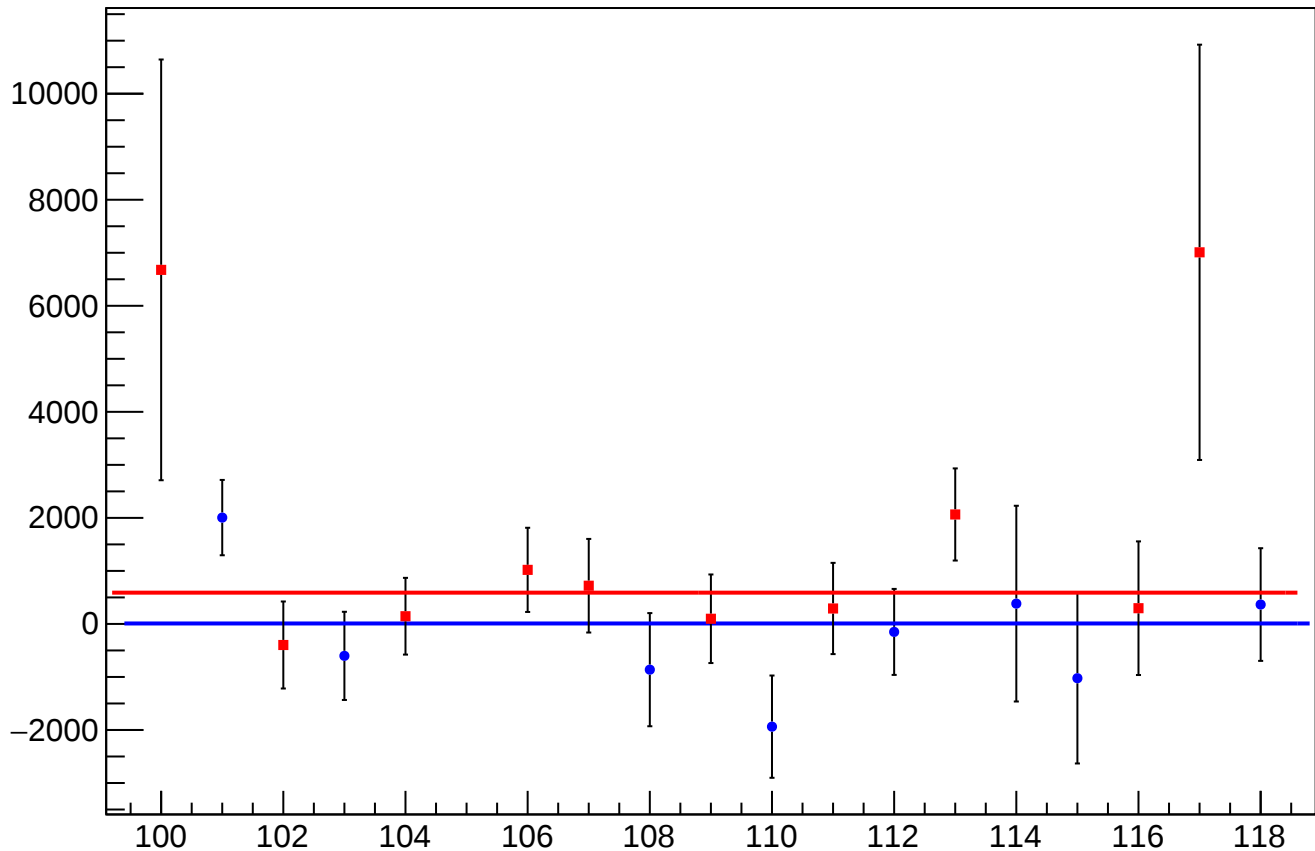
593.800+/-0.240 χ^2/NDF : 60789.6/7

Right Out: 537.177+/-0.208 χ^2/NDF : 151843.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

537.177+/-0.208 χ^2/NDF : 151843.7/9

asym_sam_37_dd_mean vs Slug



Right In: 8.748 $\pm$ 343.643 χ^2 /NDF: 13.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

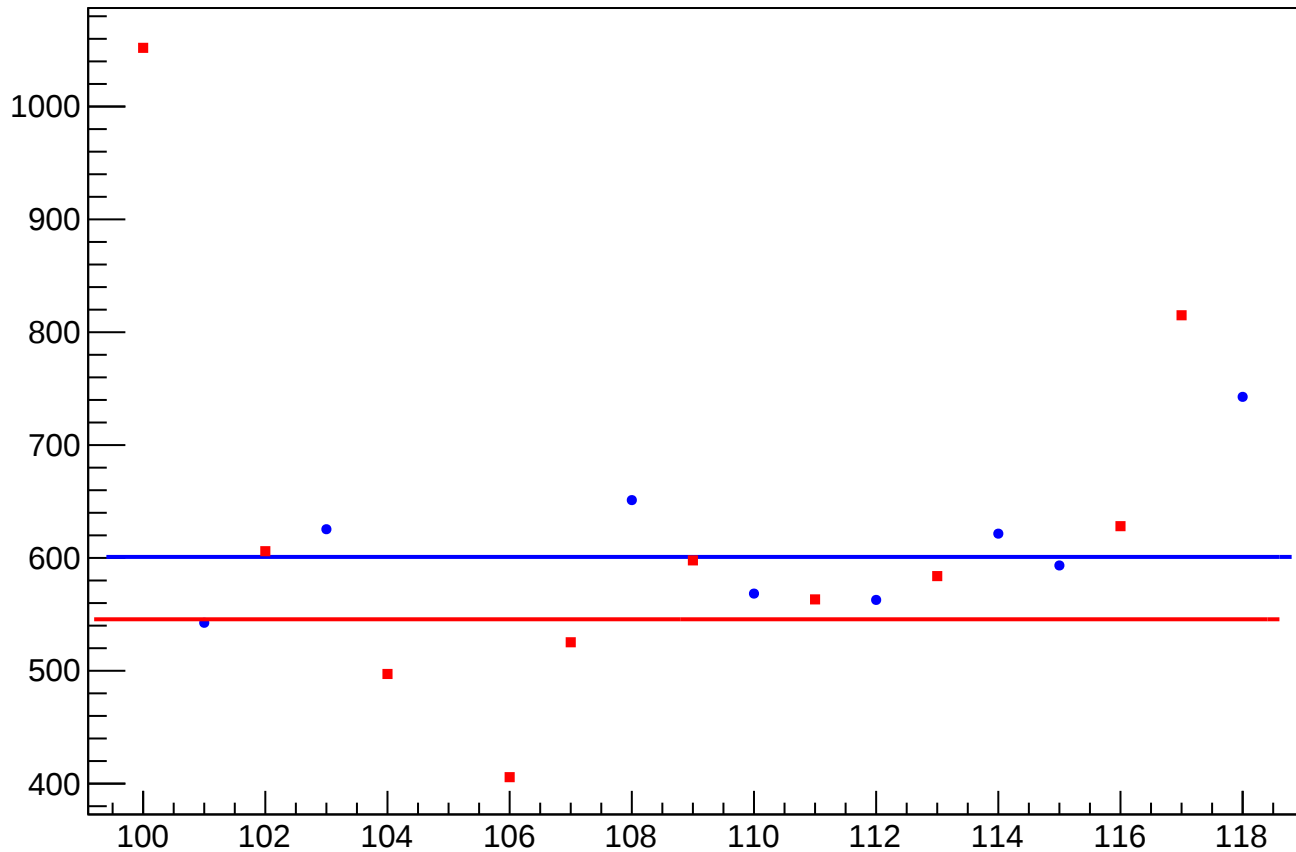
Right Out: 589.907 $\pm$ 299.718 χ^2 /NDF: 10.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.748 $\pm$ 343.643 χ^2 /NDF: 13.8/7

589.907 $\pm$ 299.718 χ^2 /NDF: 10.6/9

asym_sam_37_dd_rms vs Slug



Right In: 600.893+/-0.243 χ^2/NDF : 62314.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

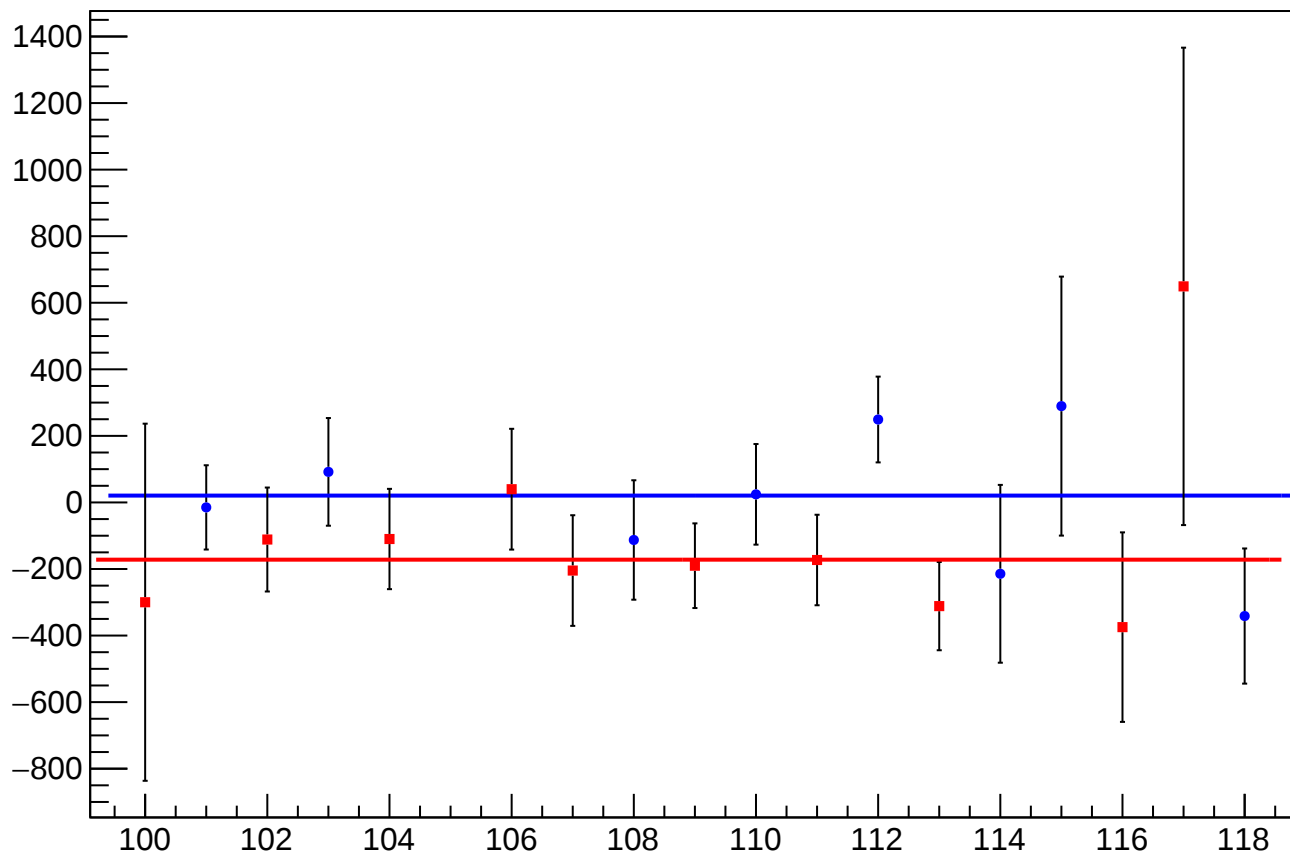
Right Out: 545.631+/-0.212 χ^2/NDF : 146101.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

600.893+/-0.243 χ^2/NDF : 62314.7/7

545.631+/-0.212 χ^2/NDF : 146101.4/9

reg_asym_sam_48_dd_mean vs Slug



Right In: 20.575+/-59.709 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

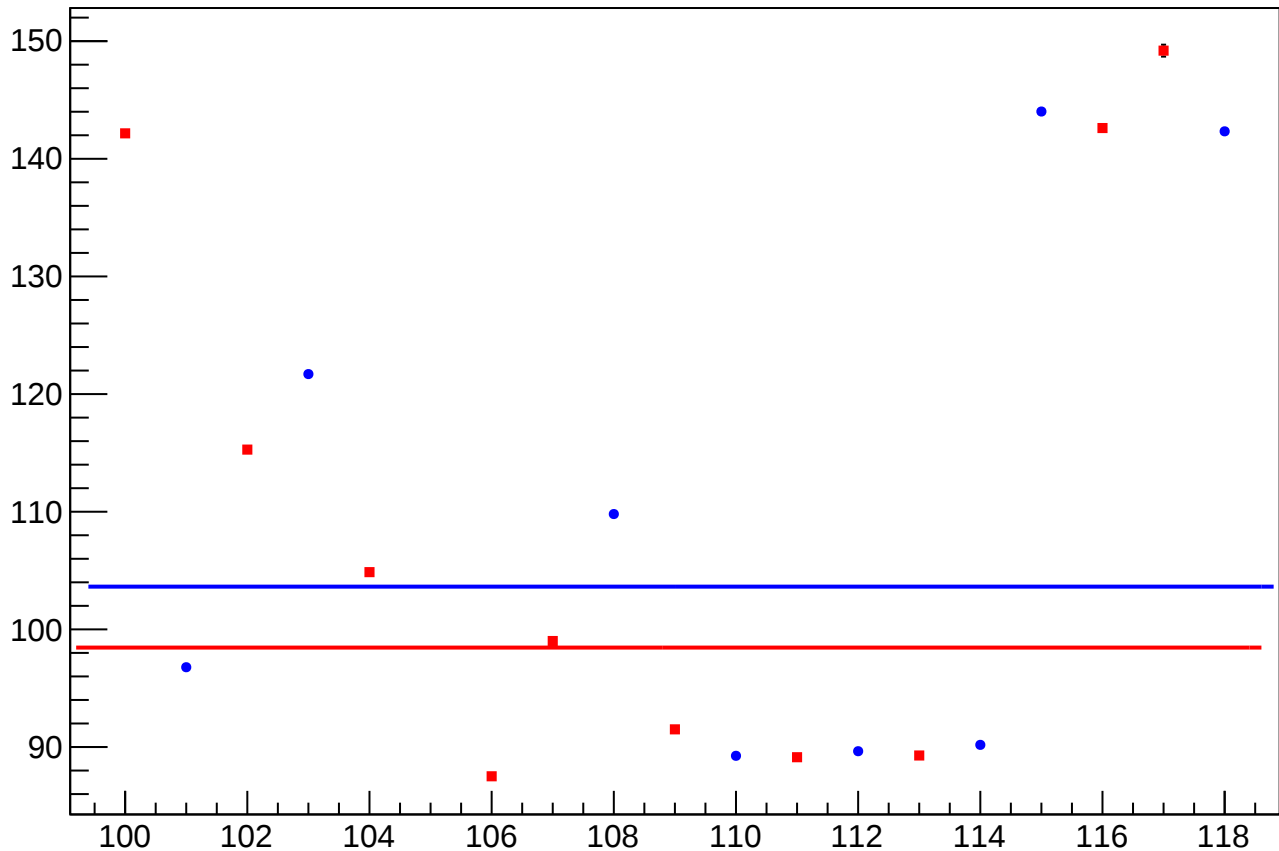
Right Out: -171.966+/-54.064 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

20.575+/-59.709 χ^2/NDF : 8.4/7

-171.966+/-54.064 χ^2/NDF : 4.7/9

reg_asym_sam_48_dd_rms vs Slug



Right In: 103.633+/-0.042 χ^2/NDF : 174103.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

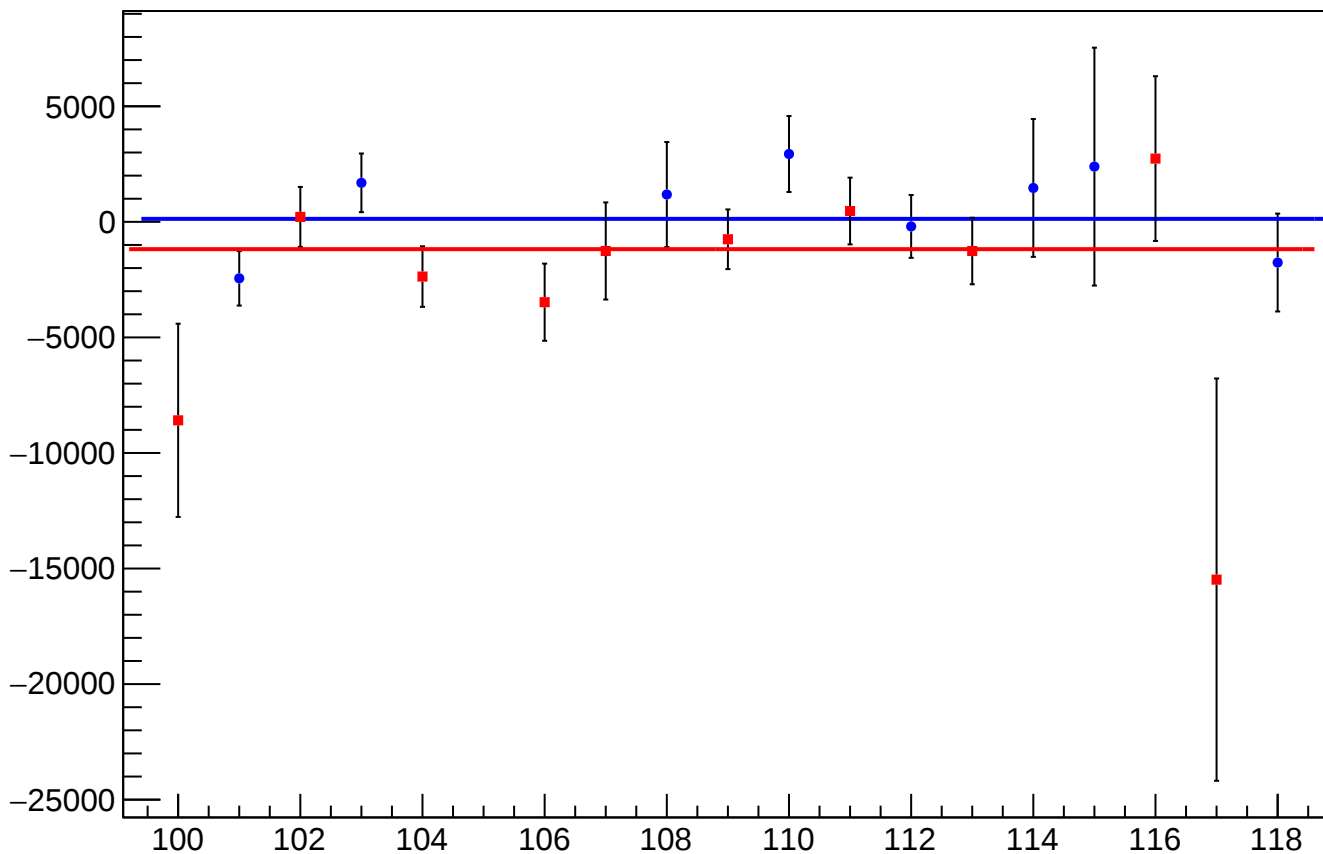
Right Out: 98.452+/-0.038 χ^2/NDF : 130465.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

103.633+/-0.042 χ^2/NDF : 174103.5/7

98.452+/-0.038 χ^2/NDF : 130465.8/9

asym_sam_48_dd_correction_mean vs Slug



Right In: 129.473+/-595.656 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

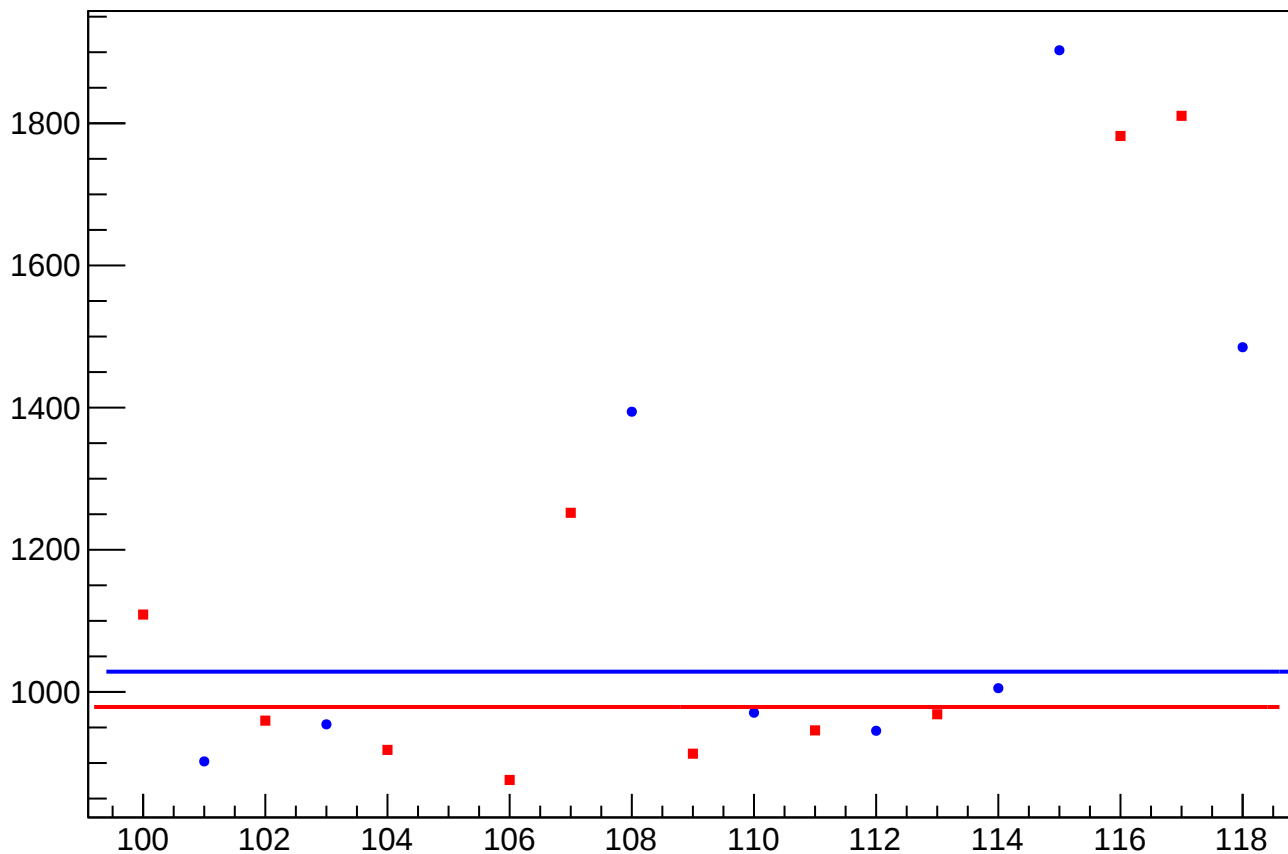
Right Out: -1181.267+/-536.594 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

129.473+/-595.656 χ^2/NDF : 10.6/7

-1181.267+/-536.594 χ^2/NDF : 12.3/9

asym_sam_48_dd_correction_rms vs Slug



Right In: 1028.516 $\pm$ 0.421 χ^2 /NDF: 242322.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

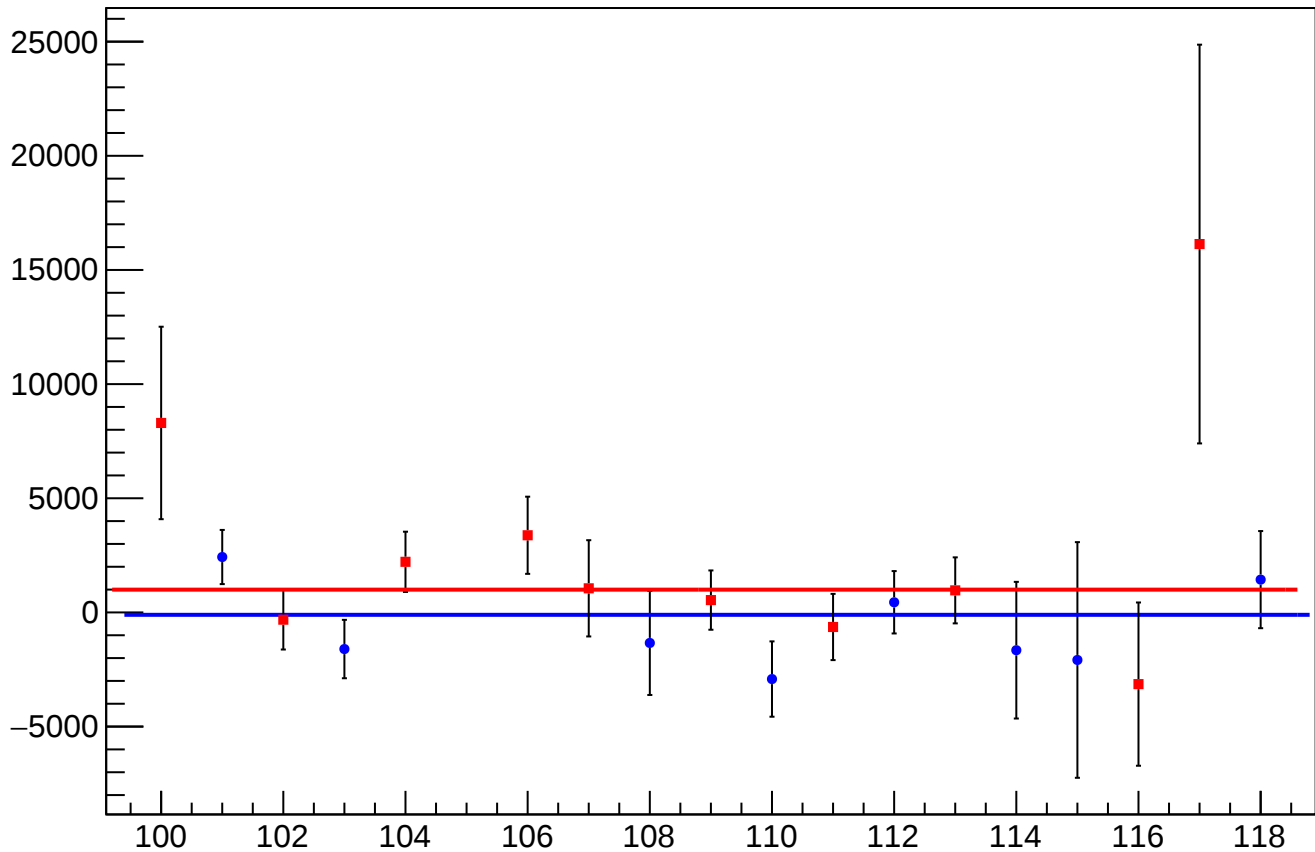
Right Out: 978.834 $\pm$ 0.379 χ^2 /NDF: 174194.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1028.516 $\pm$ 0.421 χ^2 /NDF: 242322.0/7

978.834 $\pm$ 0.379 χ^2 /NDF: 174194.2/9

asym_sam_48_dd_mean vs Slug



Right In: -105.011+/-598.928 χ^2/NDF : 10.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

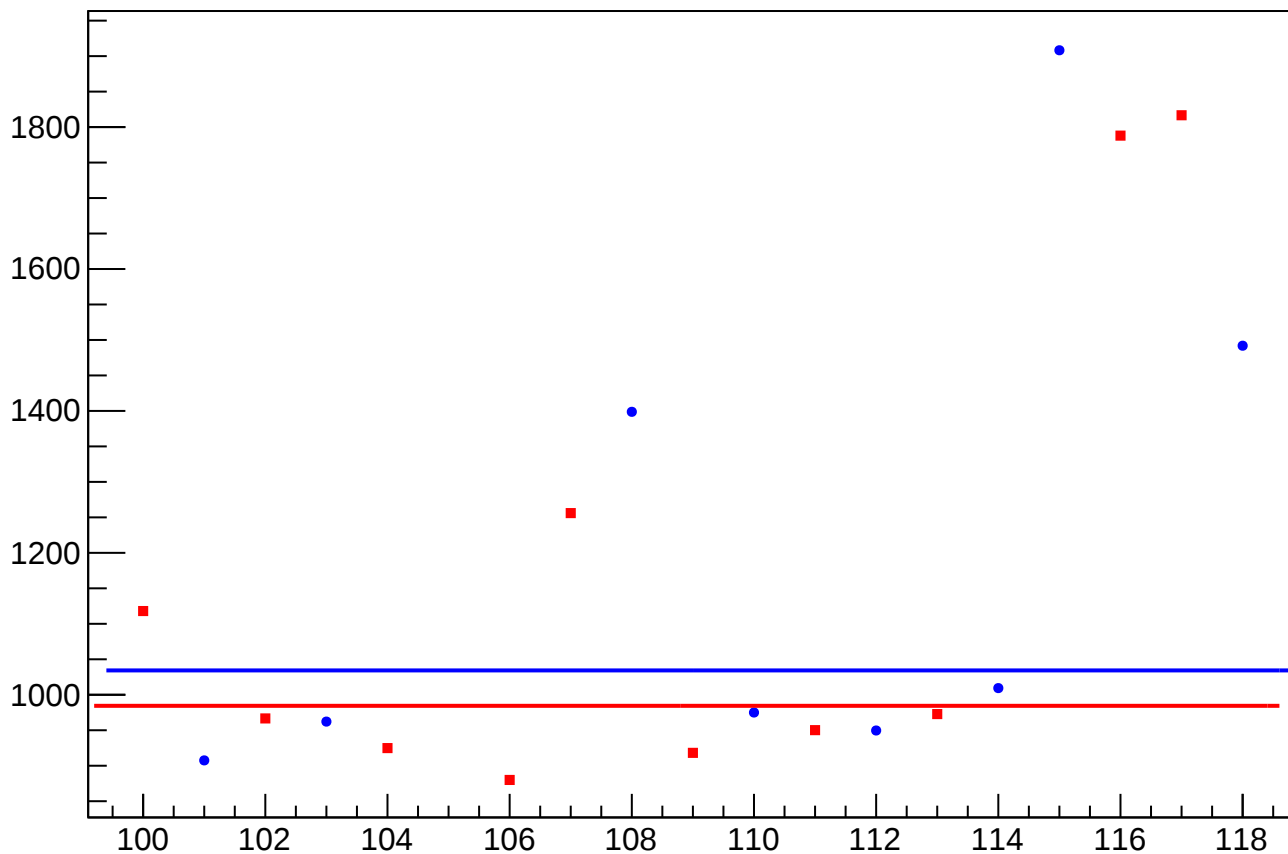
Right Out: 997.535+/-539.950 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-105.011+/-598.928 χ^2/NDF : 10.2/7

997.535+/-539.950 χ^2/NDF : 12.6/9

asym_sam_48_dd_rms vs Slug



Right In: 1034.318 $\pm$ 0.424 χ^2 /NDF: 240662.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

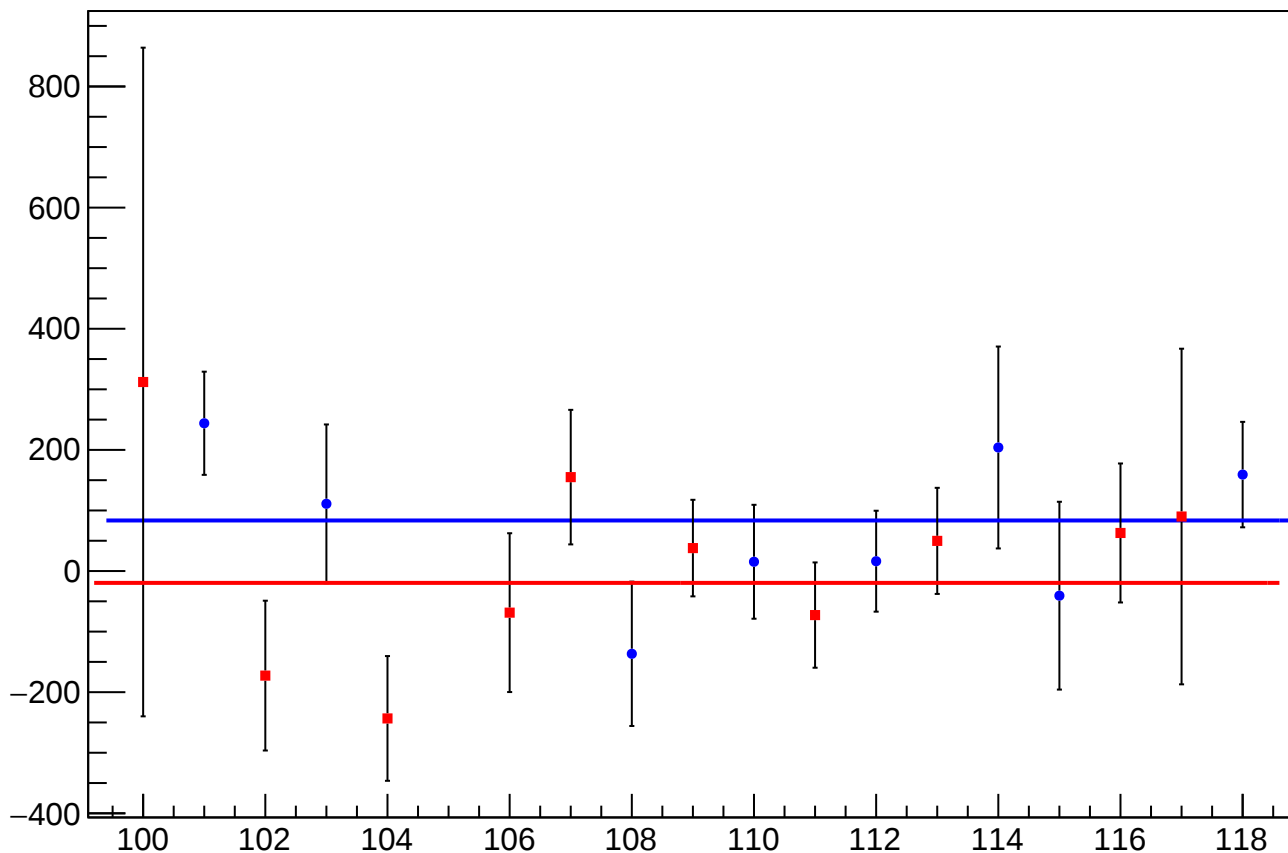
Right Out: 984.429 $\pm$ 0.382 χ^2 /NDF: 172936.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1034.318 $\pm$ 0.424 χ^2 /NDF: 240662.3/7

984.429 $\pm$ 0.382 χ^2 /NDF: 172936.0/9

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 83.478+/-36.930 χ^2/NDF : 10.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

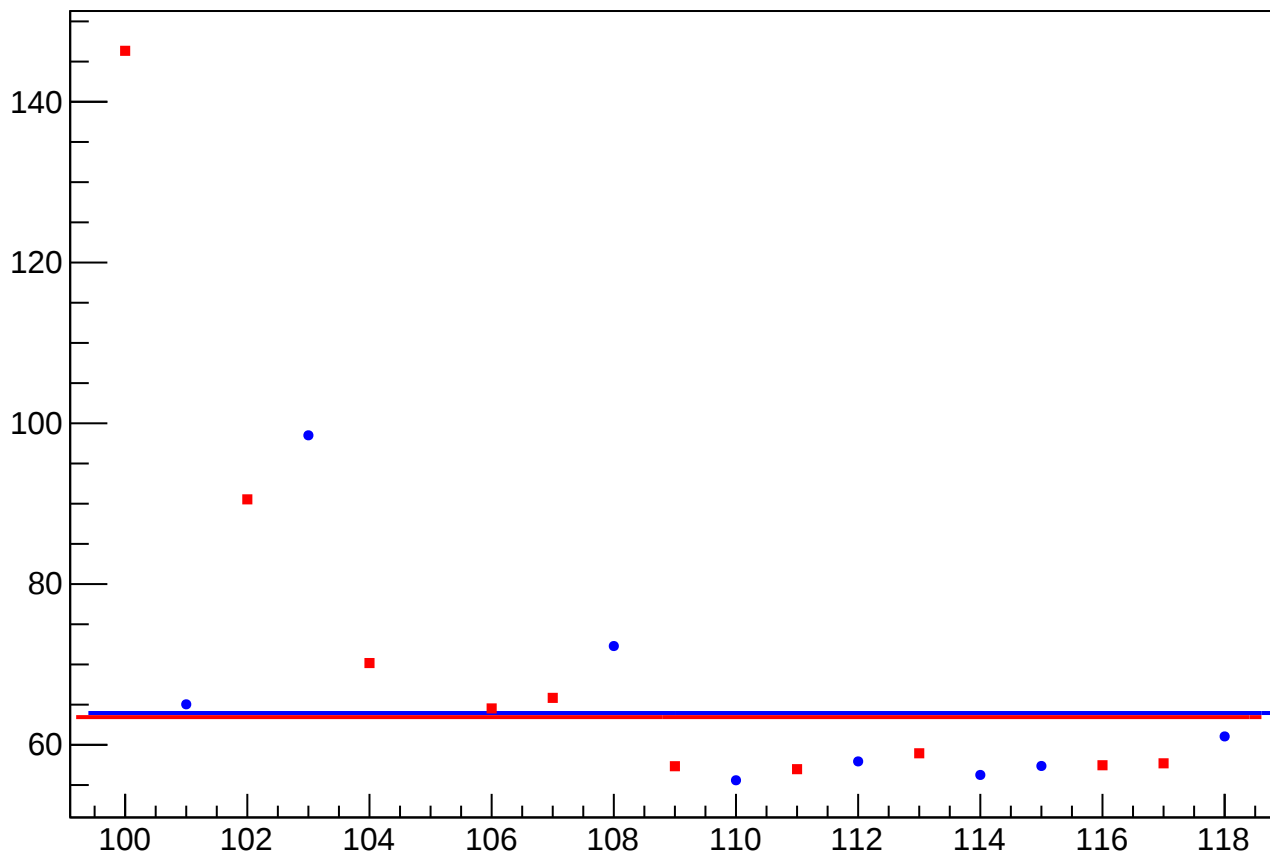
Right Out: -19.562+/-35.108 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

83.478+/-36.930 χ^2/NDF : 10.1/7

-19.562+/-35.108 χ^2/NDF : 11.4/9

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 63.959+/-0.026 χ^2/NDF : 185593.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

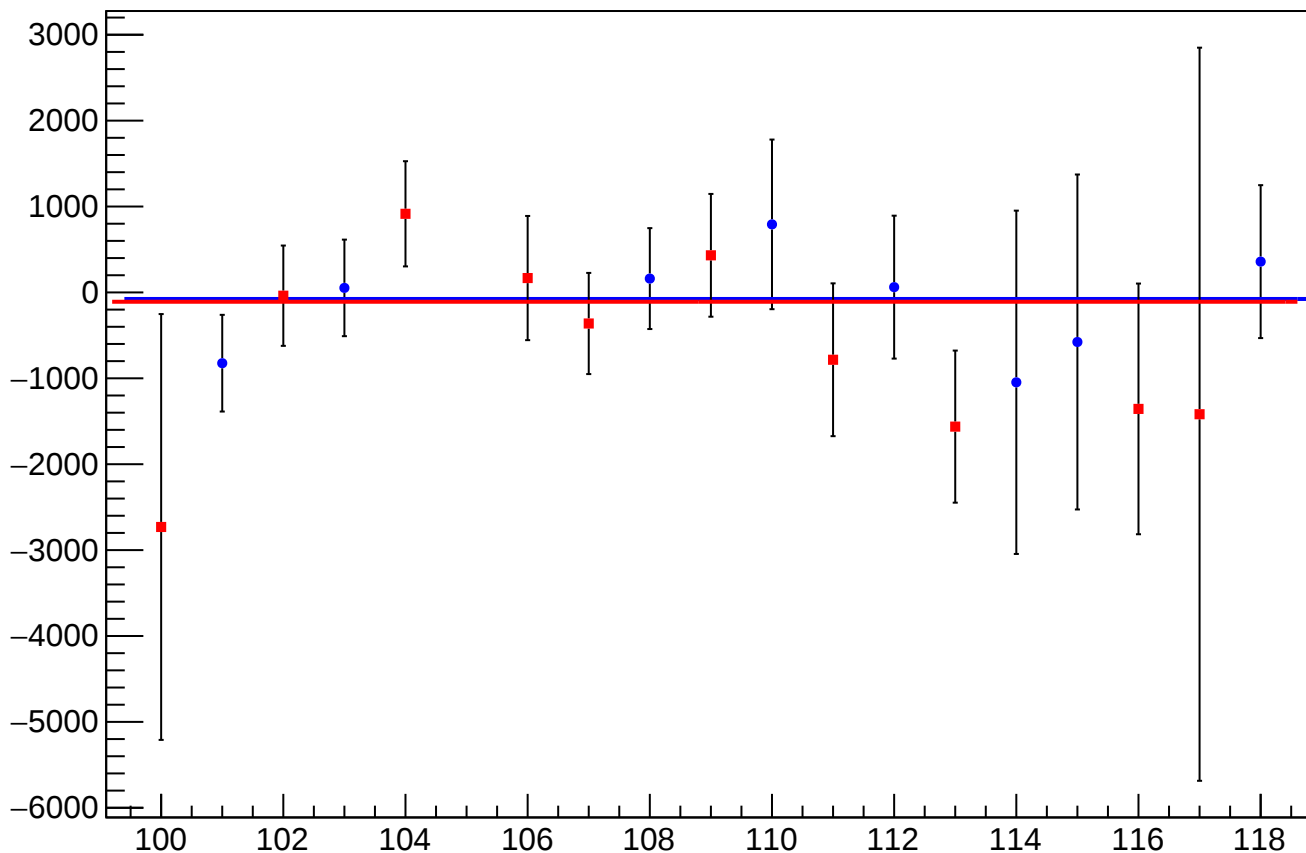
Right Out: 63.449+/-0.025 χ^2/NDF : 185109.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

63.959+/-0.026 χ^2/NDF : 185593.6/7

63.449+/-0.025 χ^2/NDF : 185109.7/9

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -76.237+/-272.525 χ^2/NDF : 3.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

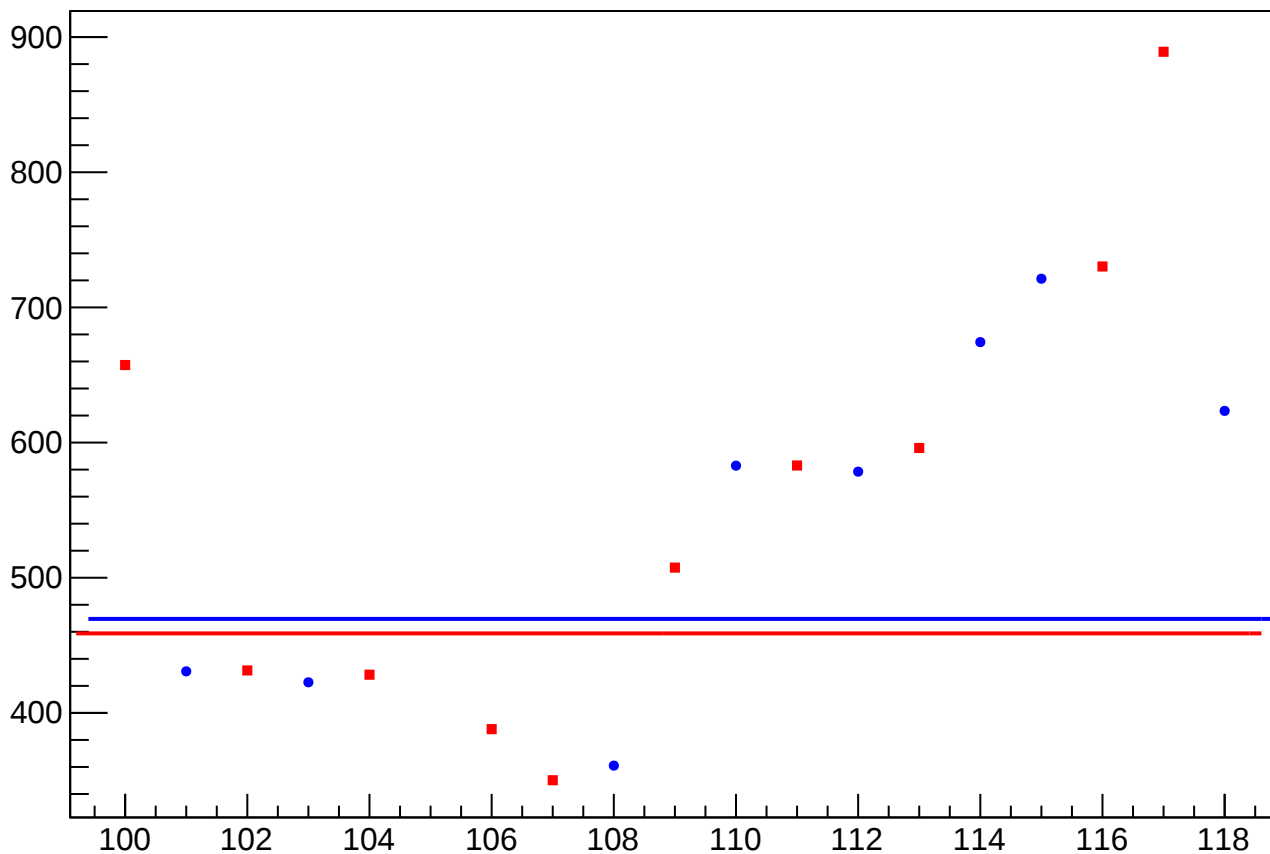
Right Out: -108.599+/-253.348 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-76.237+/-272.525 χ^2/NDF : 3.3/7

-108.599+/-253.348 χ^2/NDF : 8.9/9

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 469.548+/-0.193 χ^2/NDF : 266431.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

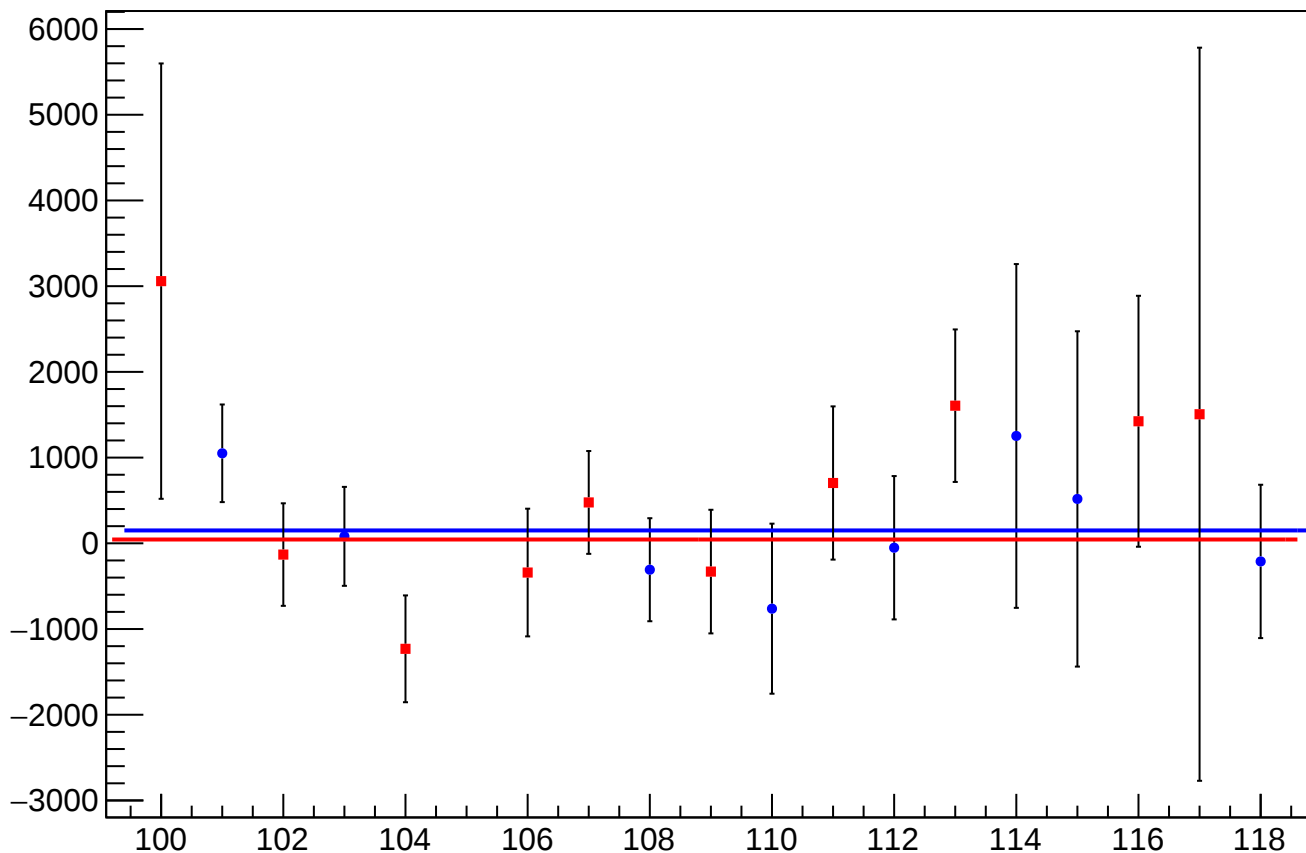
469.548+/-0.193 χ^2/NDF : 266431.7/7

Right Out: 458.830+/-0.179 χ^2/NDF : 295281.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

458.830+/-0.179 χ^2/NDF : 295281.5/9

asym_sam_13_57_dd_mean vs Slug



Right In: 150.250+/-276.726 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

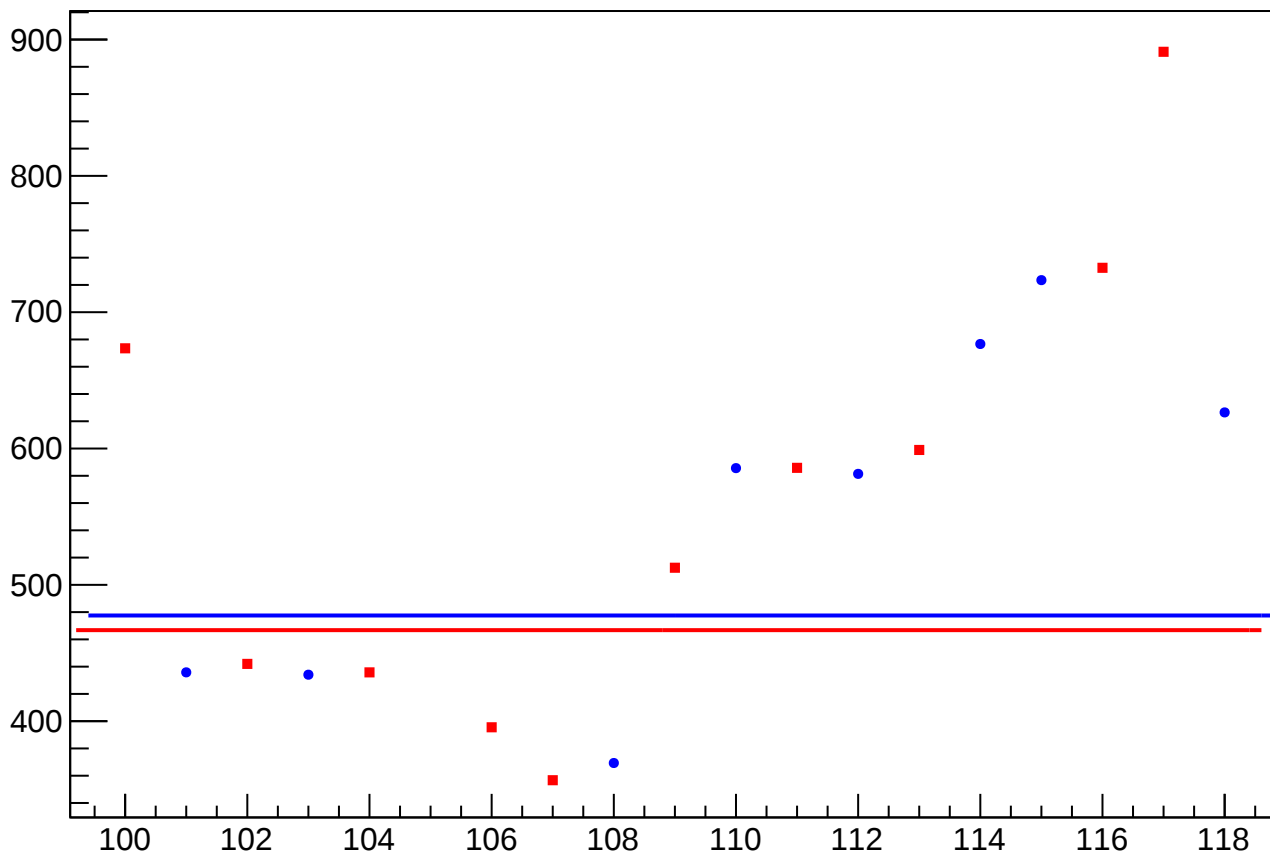
Right Out: 44.431+/-257.631 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

150.250+/-276.726 χ^2/NDF : 4.5/7

44.431+/-257.631 χ^2/NDF : 11.4/9

asym_sam_13_57_dd_rms vs Slug



Right In: 477.522 $\pm$ 0.196 χ^2 /NDF: 248308.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

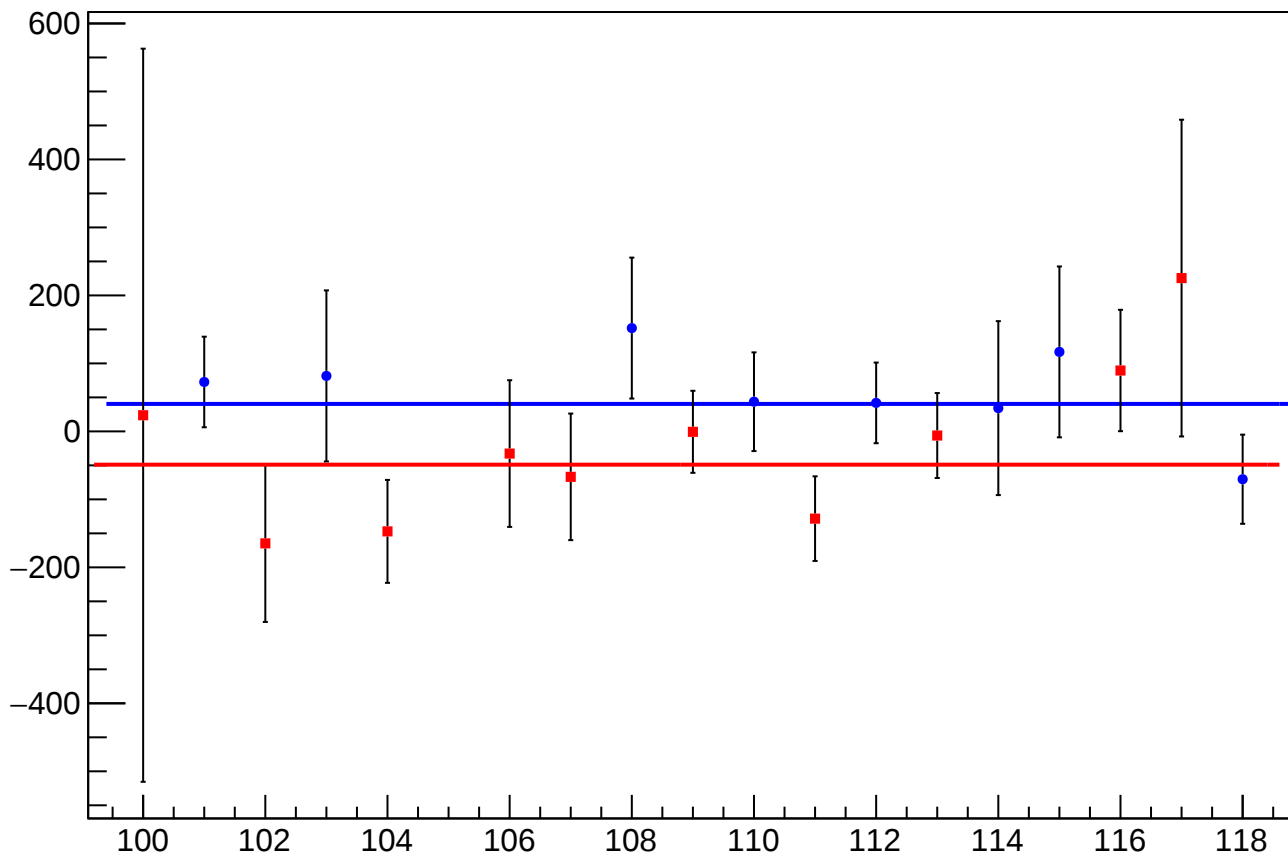
Right Out: 466.774 $\pm$ 0.182 χ^2 /NDF: 280576.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

477.522 $\pm$ 0.196 χ^2 /NDF: 248308.2/7

466.774 $\pm$ 0.182 χ^2 /NDF: 280576.7/9

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 40.391+/-28.718 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

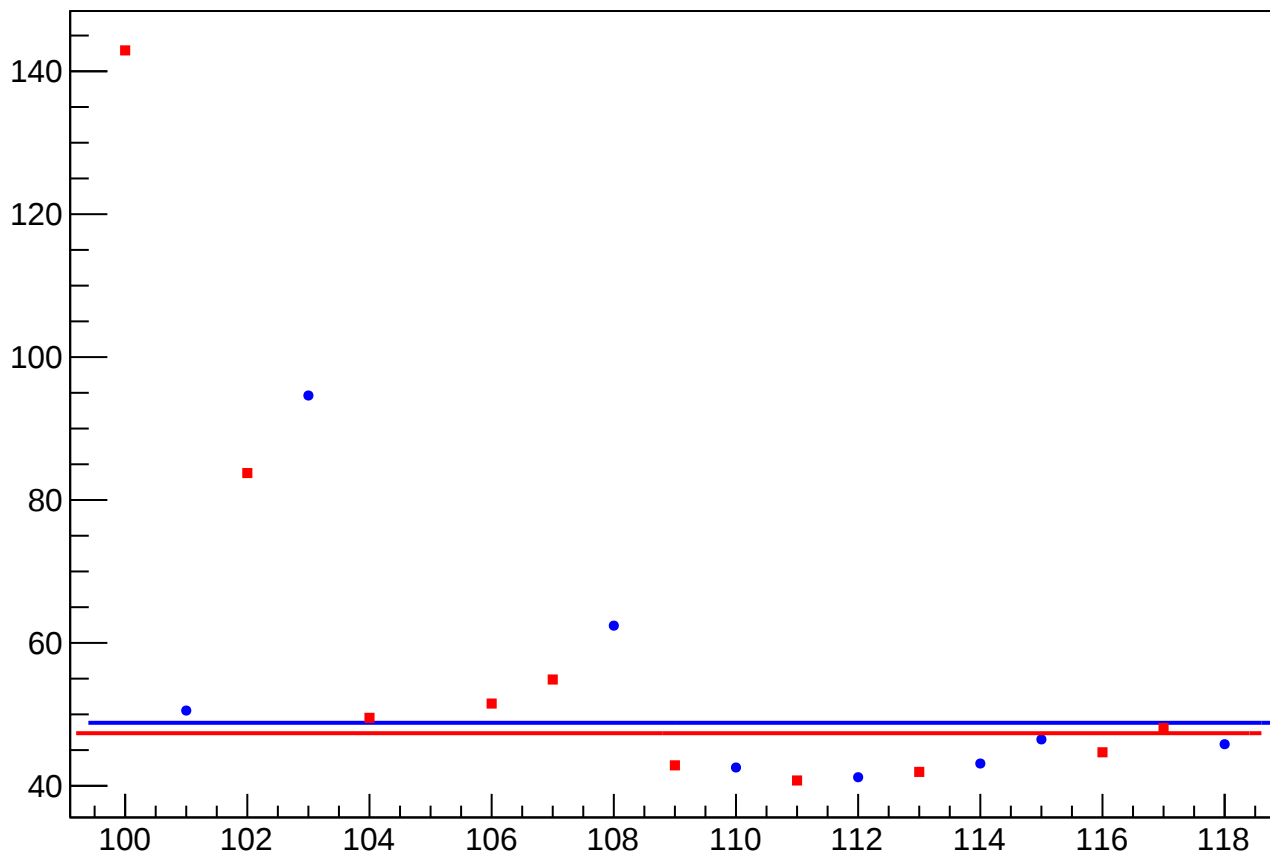
Right Out: -48.955+/-26.849 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

40.391+/-28.718 χ^2/NDF : 4.7/7

-48.955+/-26.849 χ^2/NDF : 9.3/9

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 48.820+/-0.020 χ^2/NDF : 357426.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

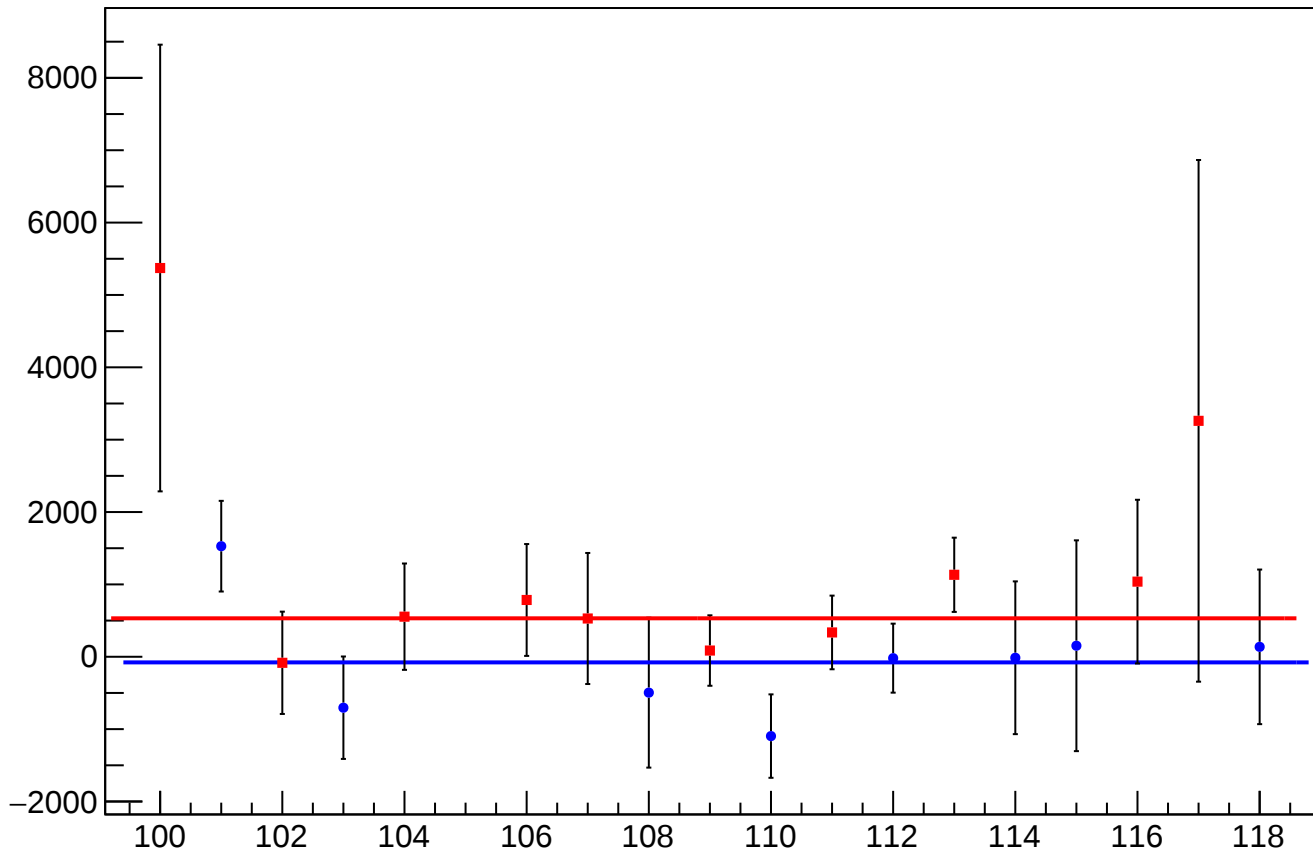
Right Out: 47.364+/-0.019 χ^2/NDF : 329467.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

48.820+/-0.020 χ^2/NDF : 357426.7/7

47.364+/-0.019 χ^2/NDF : 329467.4/9

asym_sam_15_37_dd_correction_mean vs Slug



Right In: -77.785+/-257.089 χ^2/NDF : 10.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

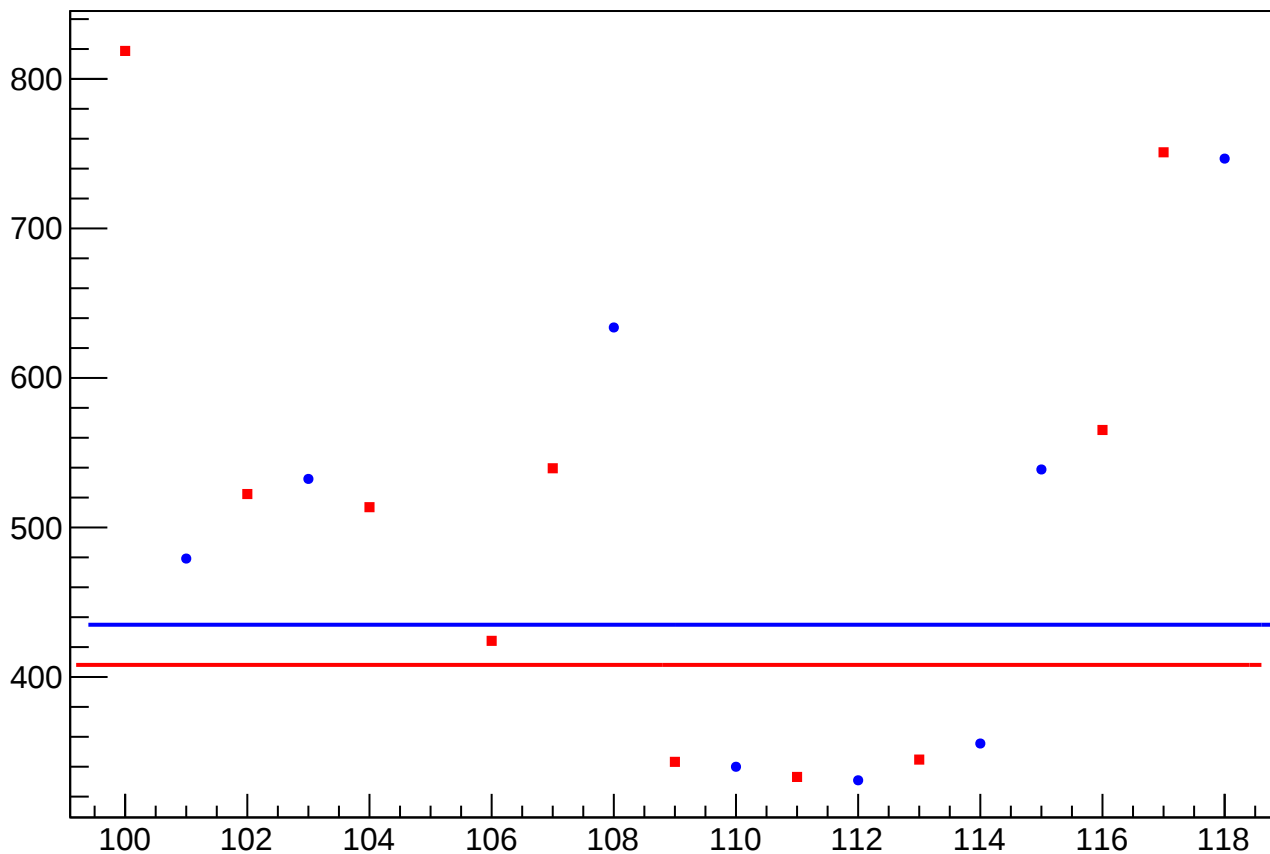
Right Out: 531.350+/-225.923 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-77.785+/-257.089 χ^2/NDF : 10.7/7

531.350+/-225.923 χ^2/NDF : 6.5/9

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 434.949+/-0.182 χ^2/NDF : 462973.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

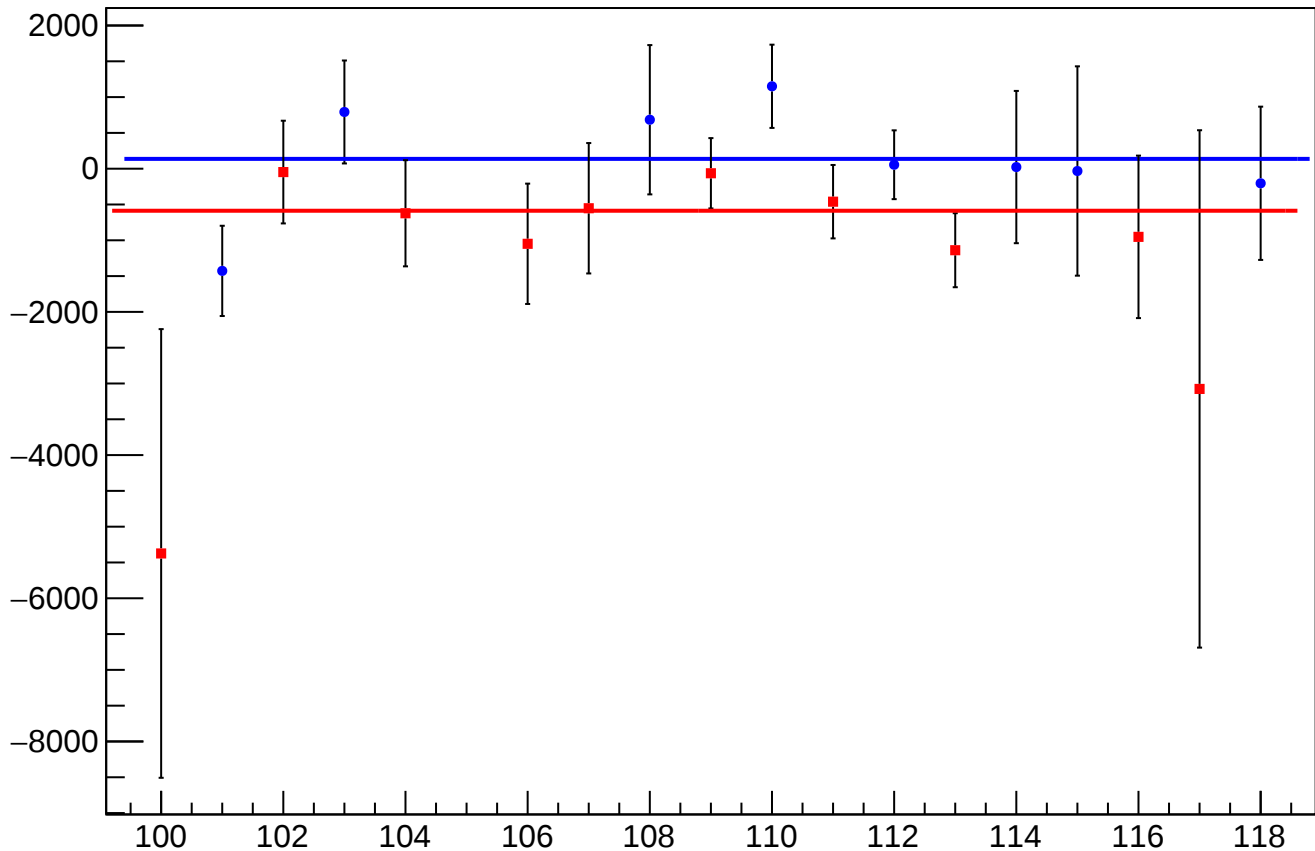
434.949+/-0.182 χ^2/NDF : 462973.1/7

Right Out: 408.089+/-0.160 χ^2/NDF : 337943.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

408.089+/-0.160 χ^2/NDF : 337943.7/9

asym_sam_15_37_dd_mean vs Slug



Right In: 137.135+/-259.176 χ^2/NDF : 10.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

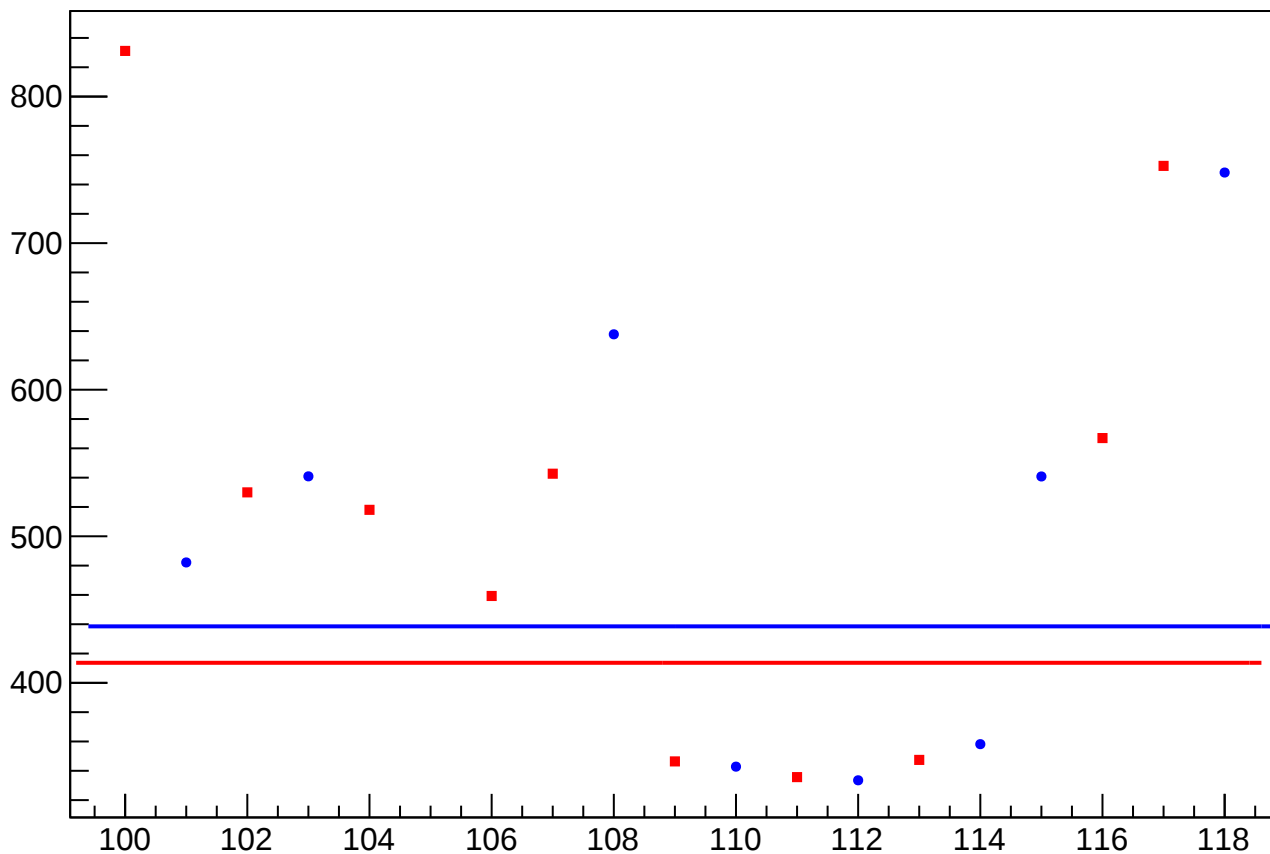
Right Out: -587.206+/-229.222 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

137.135+/-259.176 χ^2/NDF : 10.5/7

-587.206+/-229.222 χ^2/NDF : 6.1/9

asym_sam_15_37_dd_rms vs Slug



Right In: 438.545 $\pm$ 0.183 χ^2 /NDF: 461501.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

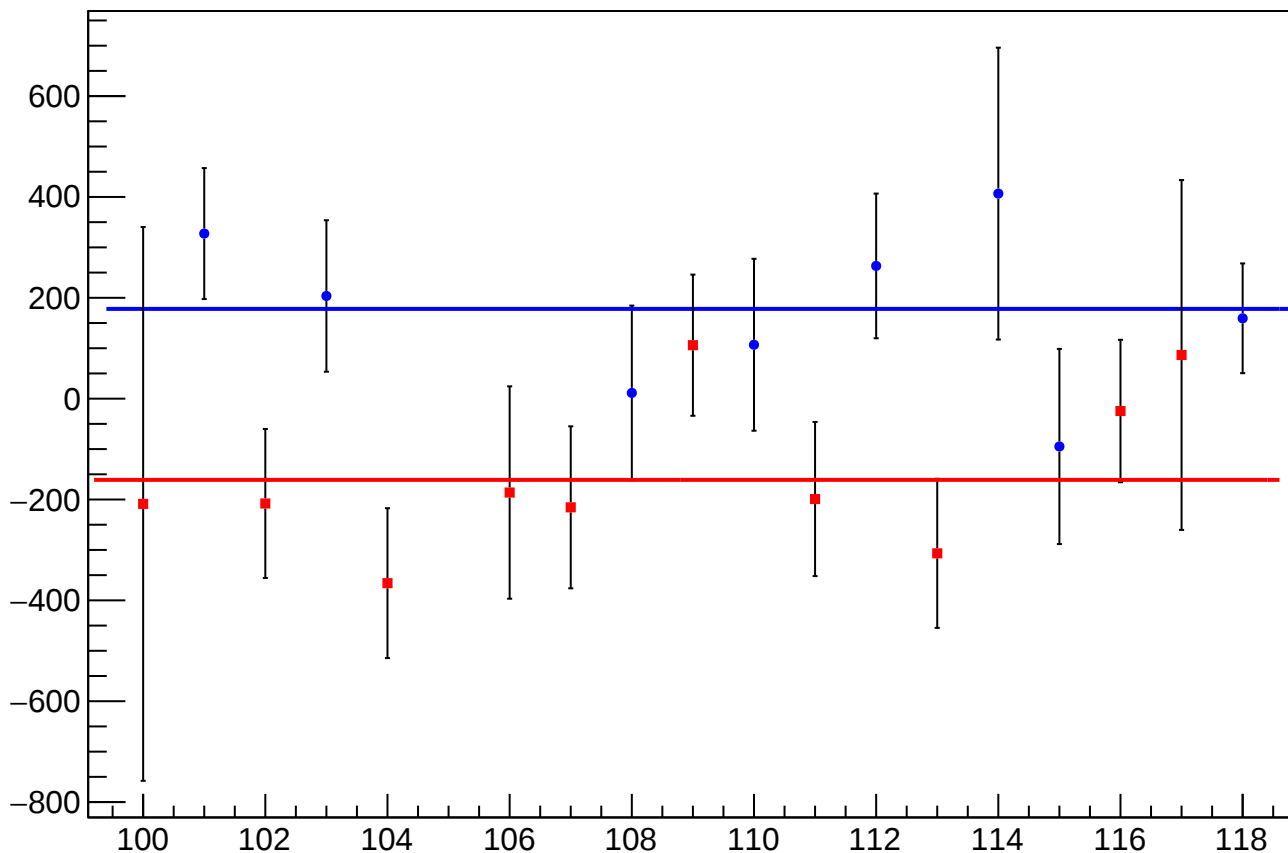
Right Out: 413.686 $\pm$ 0.162 χ^2 /NDF: 344490.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

438.545 $\pm$ 0.183 χ^2 /NDF: 461501.3/7

413.686 $\pm$ 0.162 χ^2 /NDF: 344490.2/9

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 178.011 $\pm$ 53.987 χ^2 /NDF: 5.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

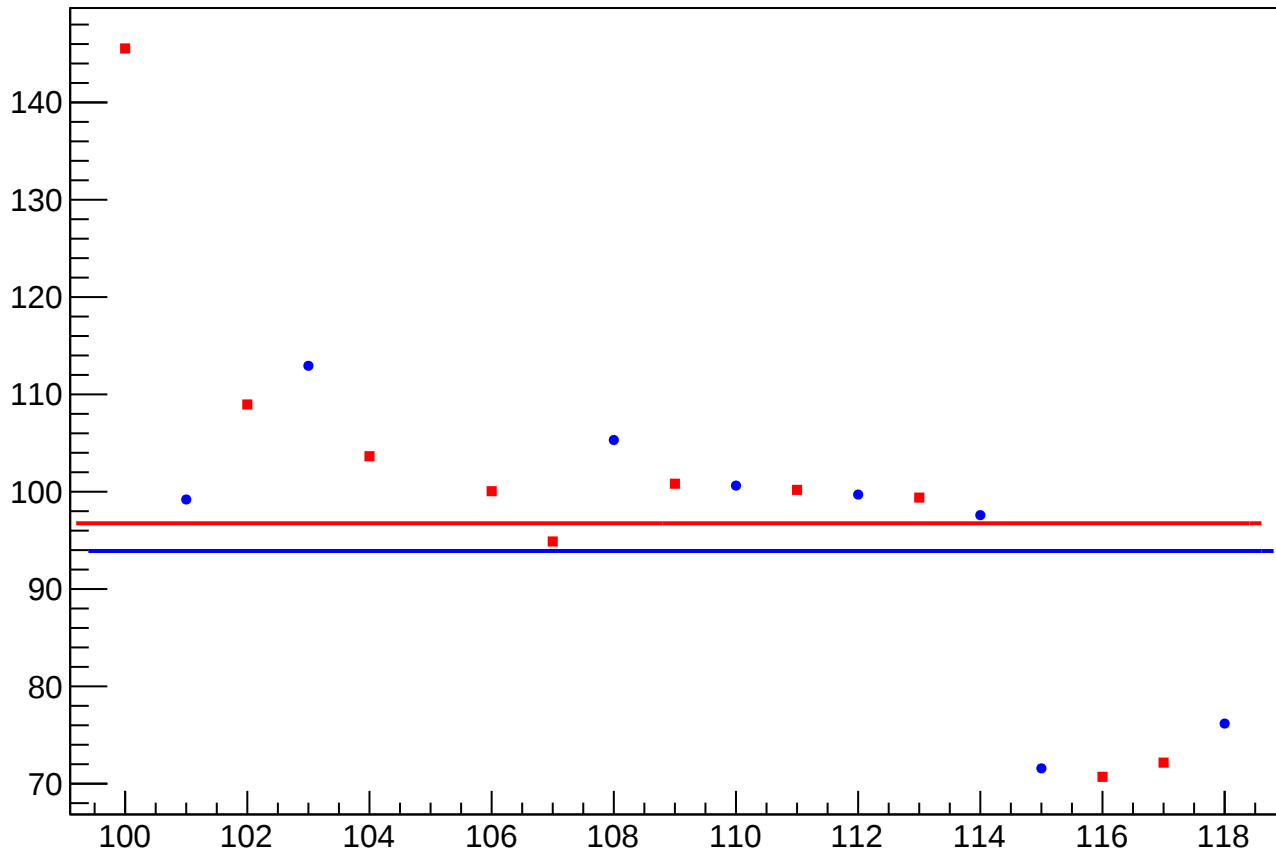
Right Out: -161.086 $\pm$ 53.166 χ^2 /NDF: 8.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

178.011 $\pm$ 53.987 χ^2 /NDF: 5.4/7

-161.086 $\pm$ 53.166 χ^2 /NDF: 8.3/9

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 93.909+/-0.038 χ^2/NDF : 130559.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

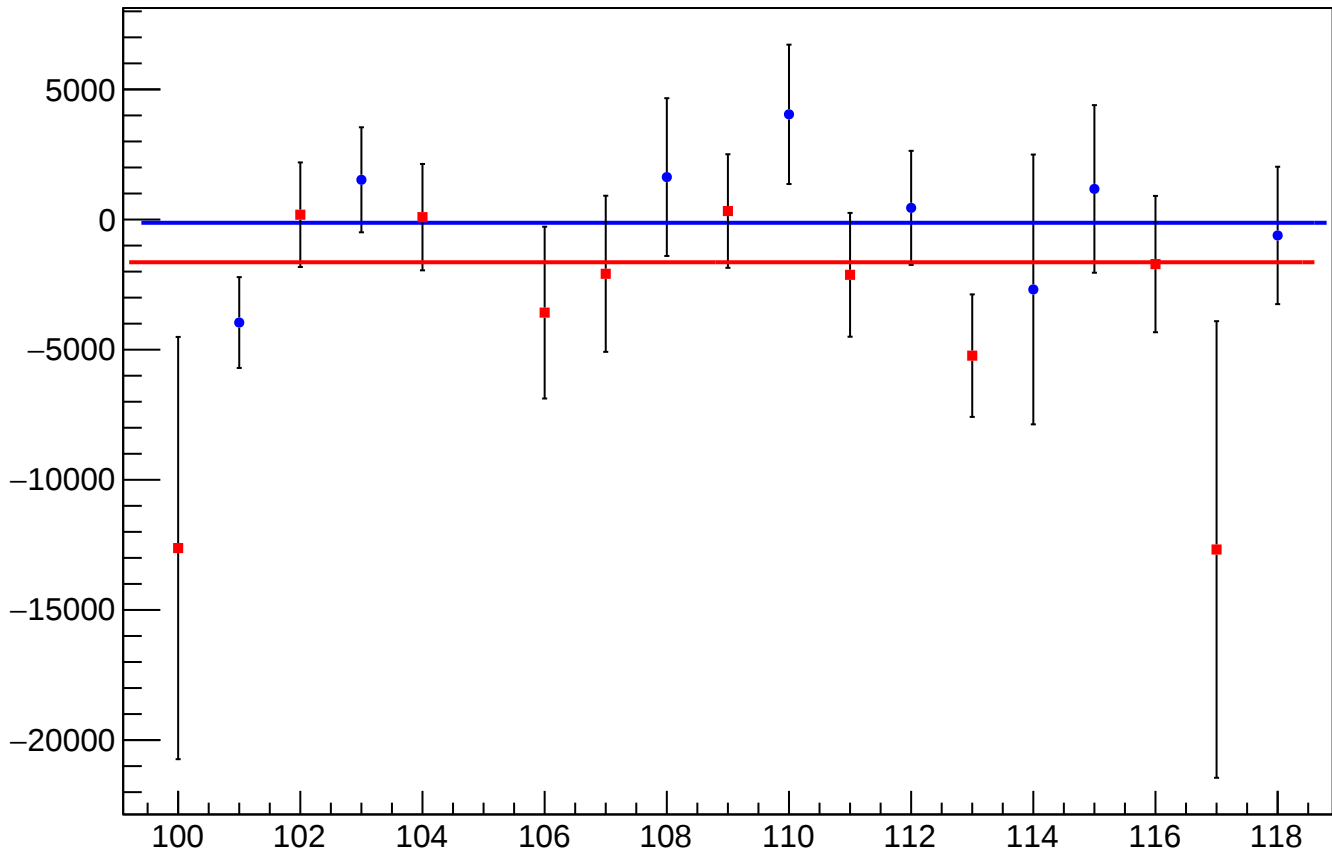
Right Out: 96.757+/-0.038 χ^2/NDF : 115960.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

93.909+/-0.038 χ^2/NDF : 130559.6/7

96.757+/-0.038 χ^2/NDF : 115960.9/9

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -124.414+/-874.386 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

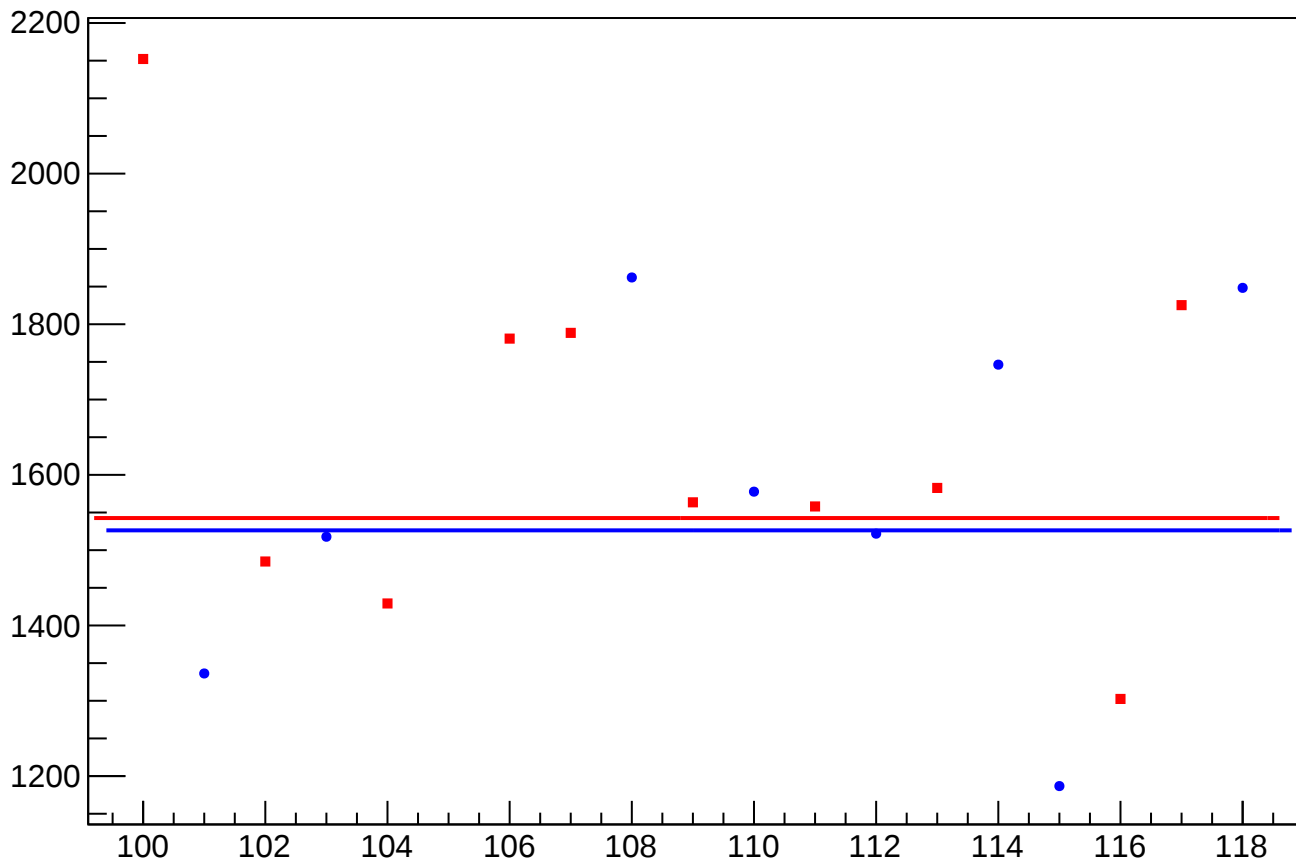
Right Out: -1640.834+/-835.850 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-124.414+/-874.386 χ^2/NDF : 8.8/7

-1640.834+/-835.850 χ^2/NDF : 8.5/9

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1526.309 $\pm$ 0.618 χ^2 /NDF: 104663.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

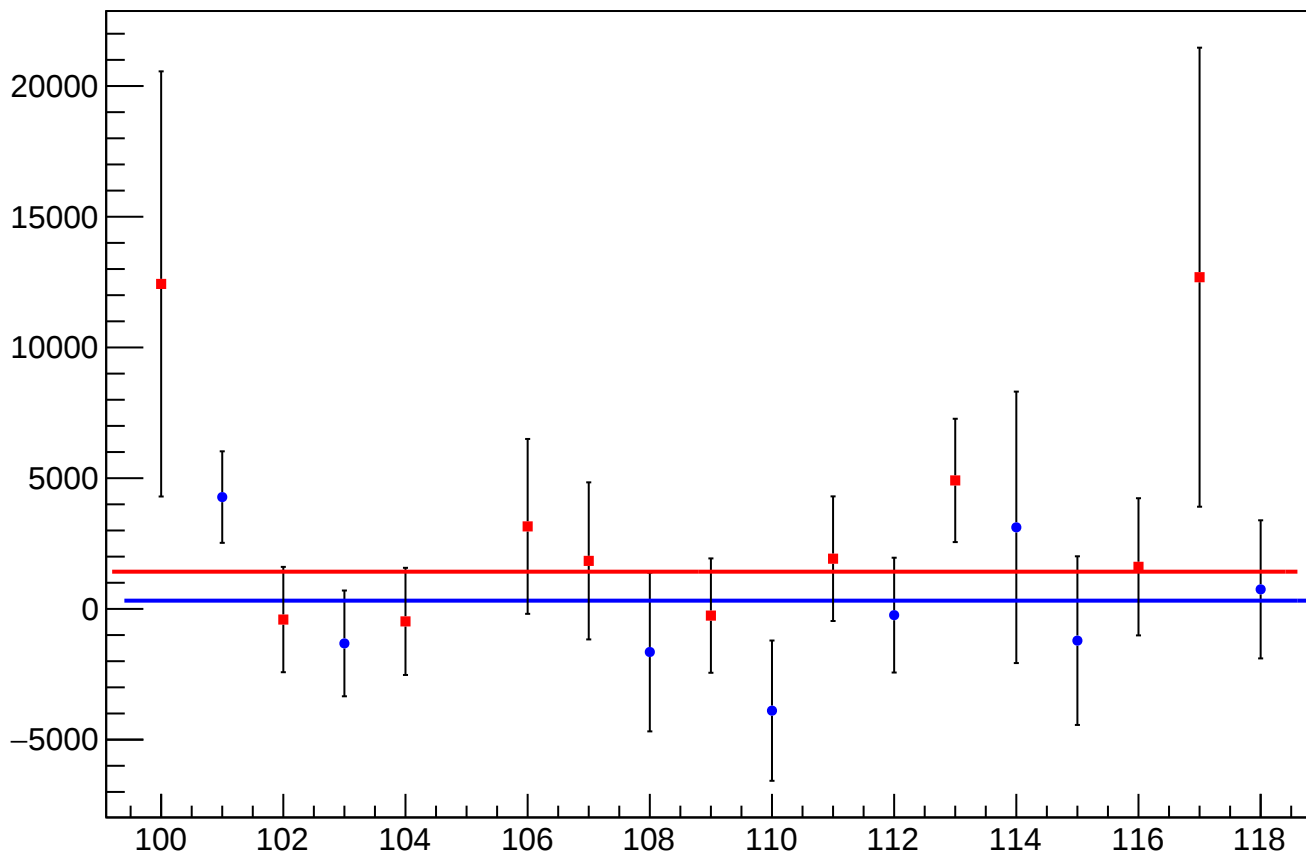
Right Out: 1542.652 $\pm$ 0.591 χ^2 /NDF: 62706.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1526.309 $\pm$ 0.618 χ^2 /NDF: 104663.2/7

1542.652 $\pm$ 0.591 χ^2 /NDF: 62706.5/9

asym_sam_24_68_dd_mean vs Slug



Right In: 315.918 $\pm$ 876.332 χ^2 /NDF: 9.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

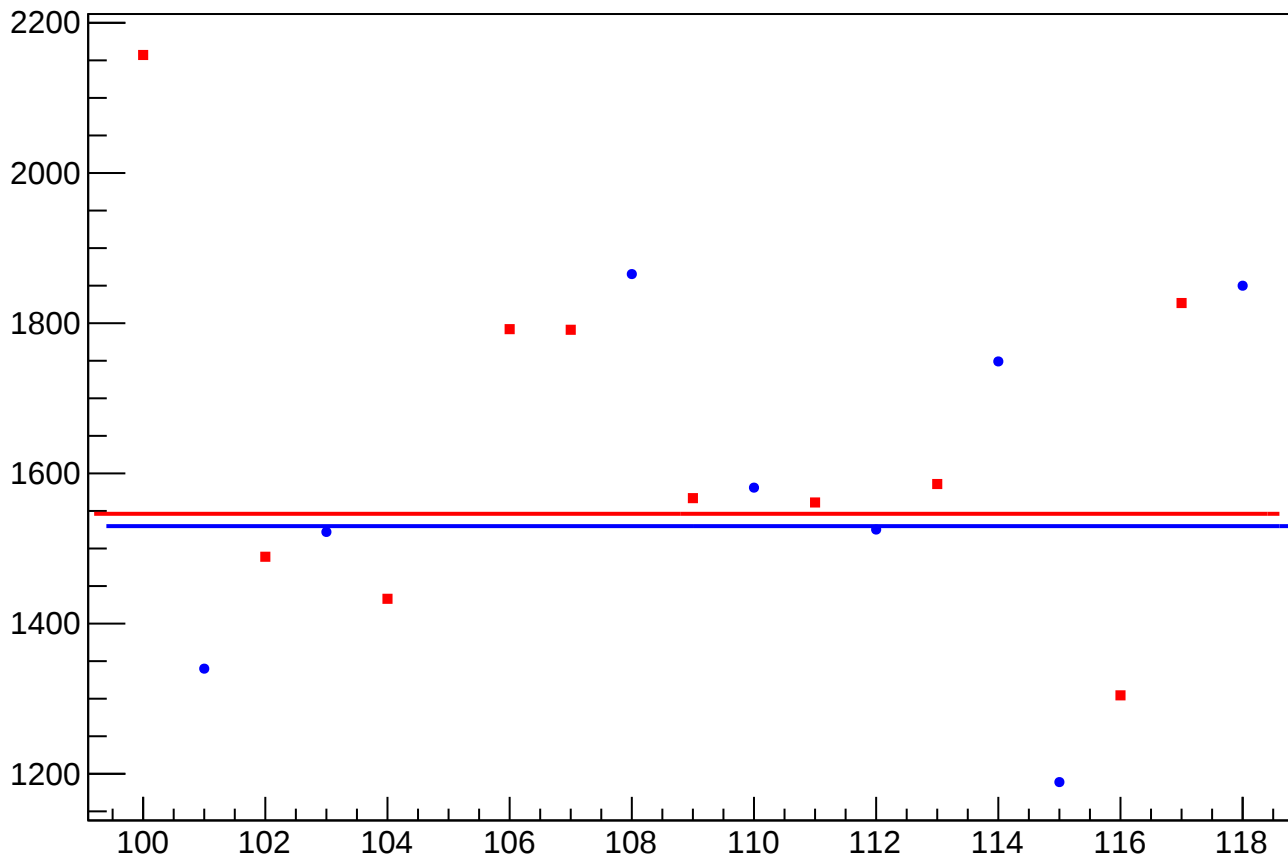
Right Out: 1424.165 $\pm$ 838.276 χ^2 /NDF: 8.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

315.918 $\pm$ 876.332 χ^2 /NDF: 9.3/7

1424.165 $\pm$ 838.276 χ^2 /NDF: 8.3/9

asym_sam_24_68_dd_rms vs Slug



Right In: 1529.799+/-0.620 χ^2/NDF : 103994.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

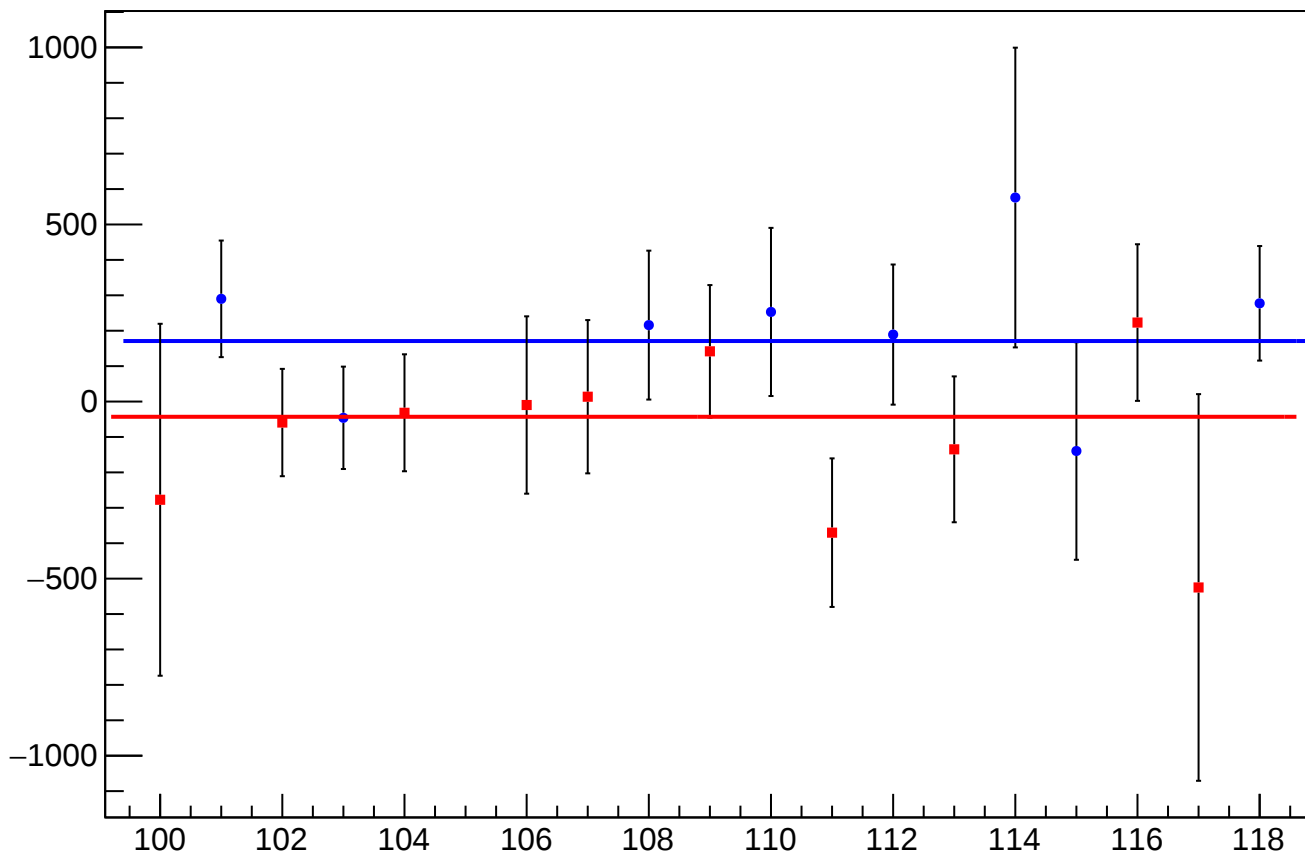
Right Out: 1546.210+/-0.593 χ^2/NDF : 62977.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1529.799+/-0.620 χ^2/NDF : 103994.5/7

1546.210+/-0.593 χ^2/NDF : 62977.2/9

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 170.911+/-69.828 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

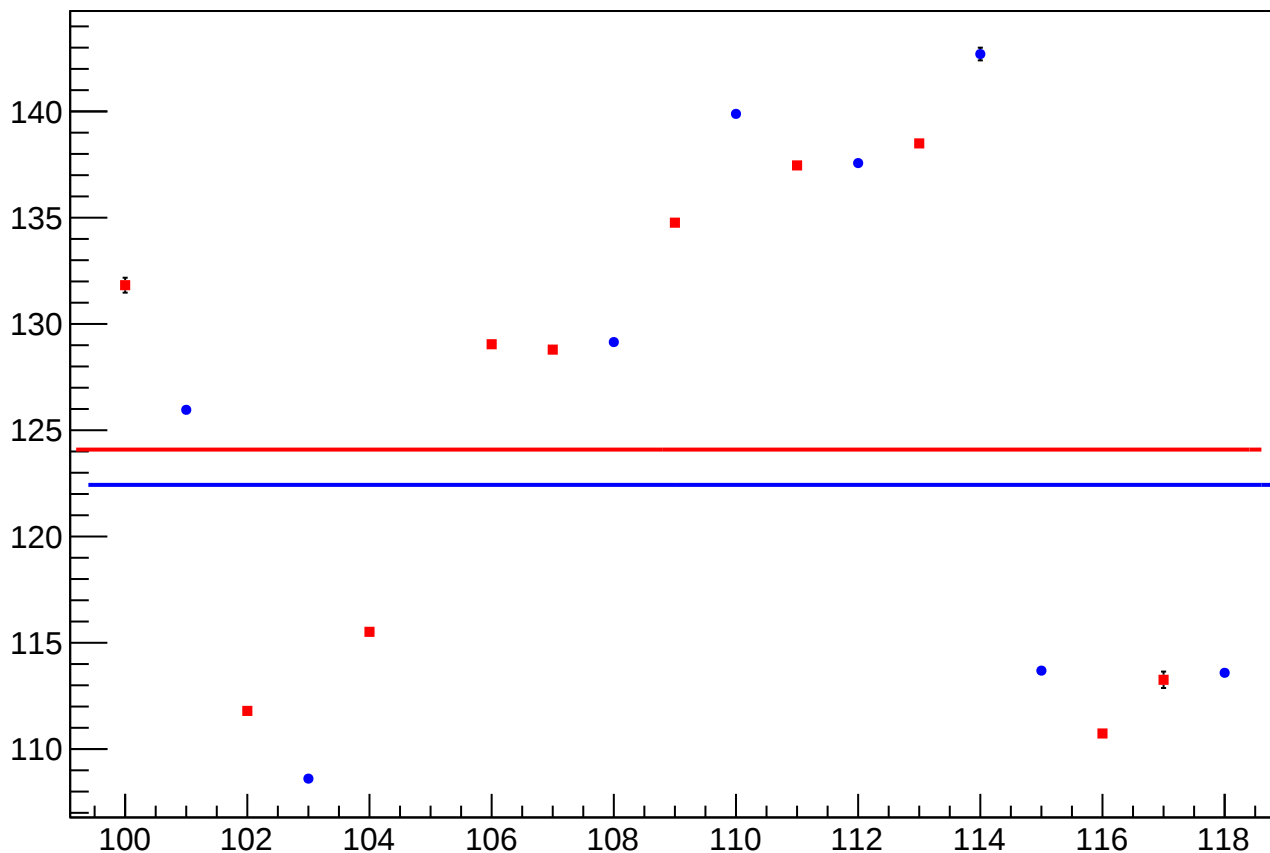
Right Out: -42.995+/-67.380 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.911+/-69.828 χ^2/NDF : 5.3/7

-42.995+/-67.380 χ^2/NDF : 6.2/9

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 122.429+/-0.049 χ^2/NDF : 55953.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

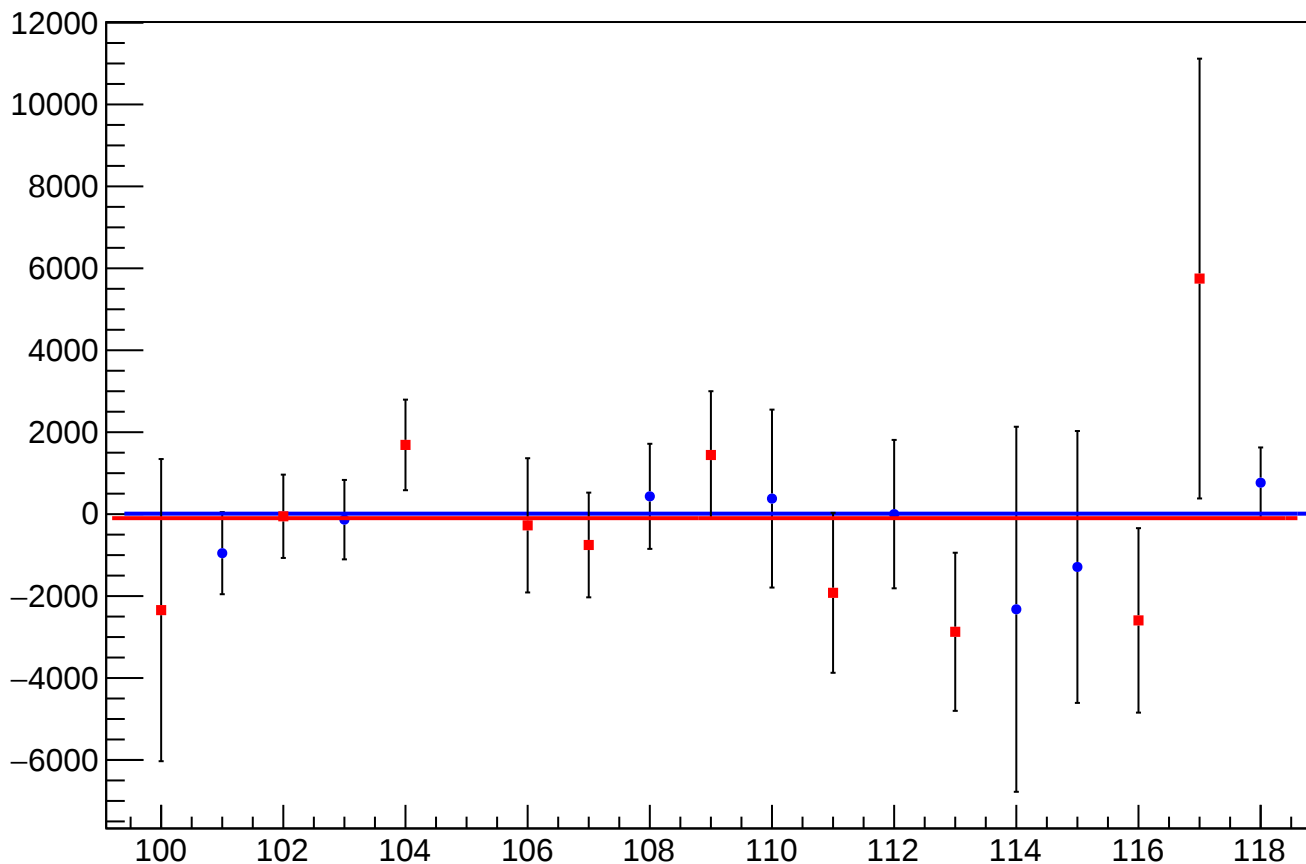
Right Out: 124.090+/-0.048 χ^2/NDF : 53275.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

122.429+/-0.049 χ^2/NDF : 55953.0/7

124.090+/-0.048 χ^2/NDF : 53275.5/9

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 11.757+/-462.362 χ^2 /NDF: 2.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

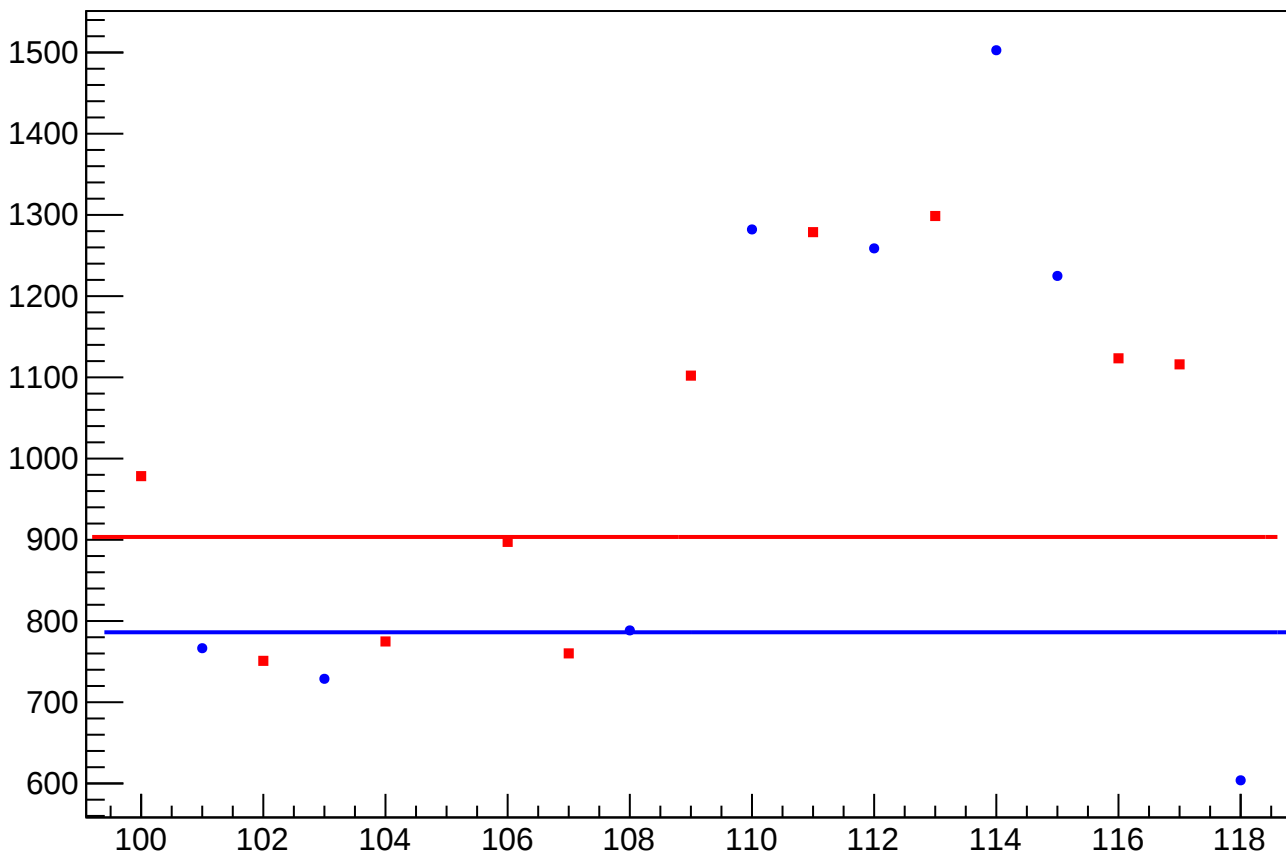
Right Out: -98.398+/-498.801 χ^2 /NDF: 9.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

11.757+/-462.362 χ^2 /NDF: 2.3/7

-98.398+/-498.801 χ^2 /NDF: 9.6/9

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 786.125+/-0.327 χ^2/NDF : 424790.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

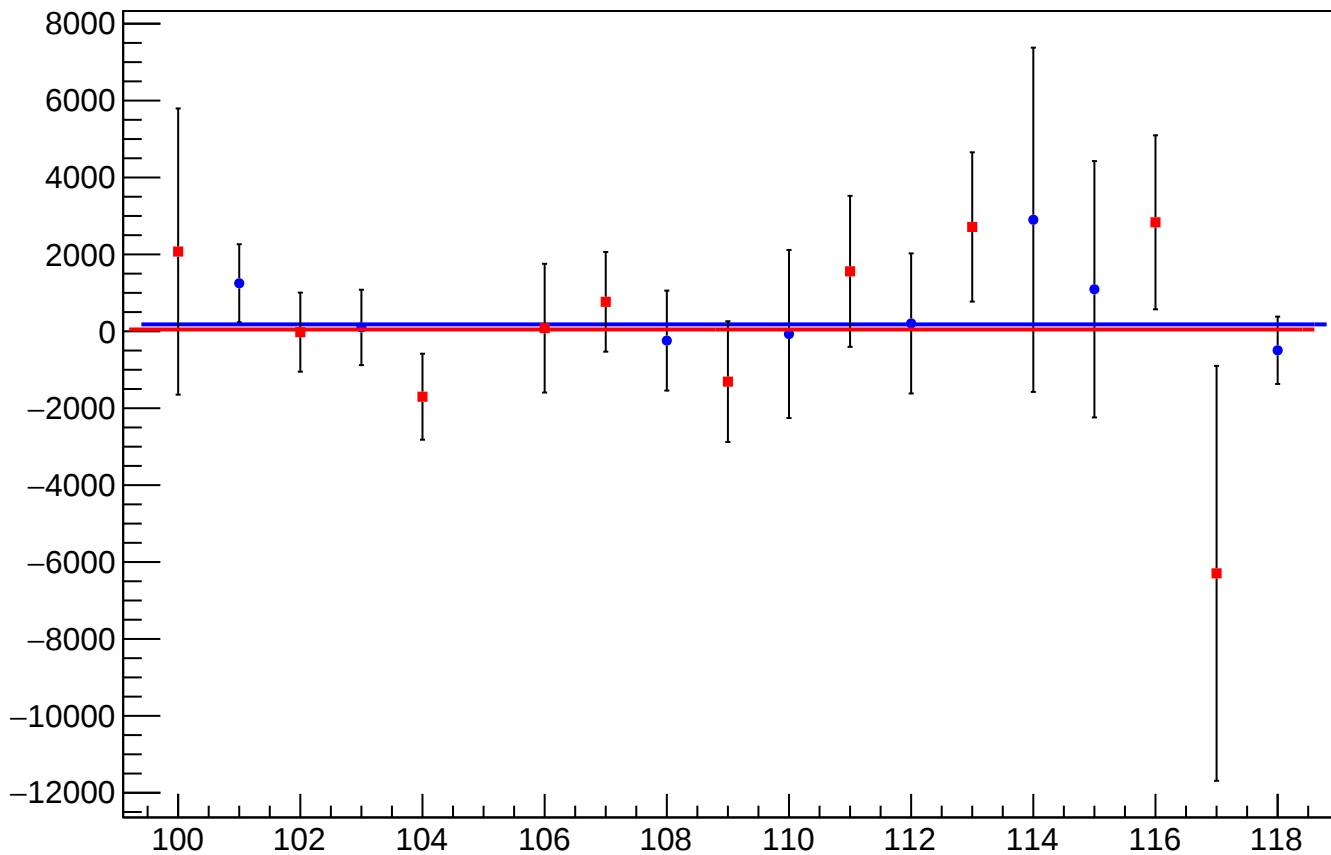
Right Out: 903.492+/-0.353 χ^2/NDF : 310704.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

786.125+/-0.327 χ^2/NDF : 424790.4/7

903.492+/-0.353 χ^2/NDF : 310704.1/9

asym_sam_26_48_dd_mean vs Slug



Right In: 180.168+/-468.418 χ^2/NDF : 2.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

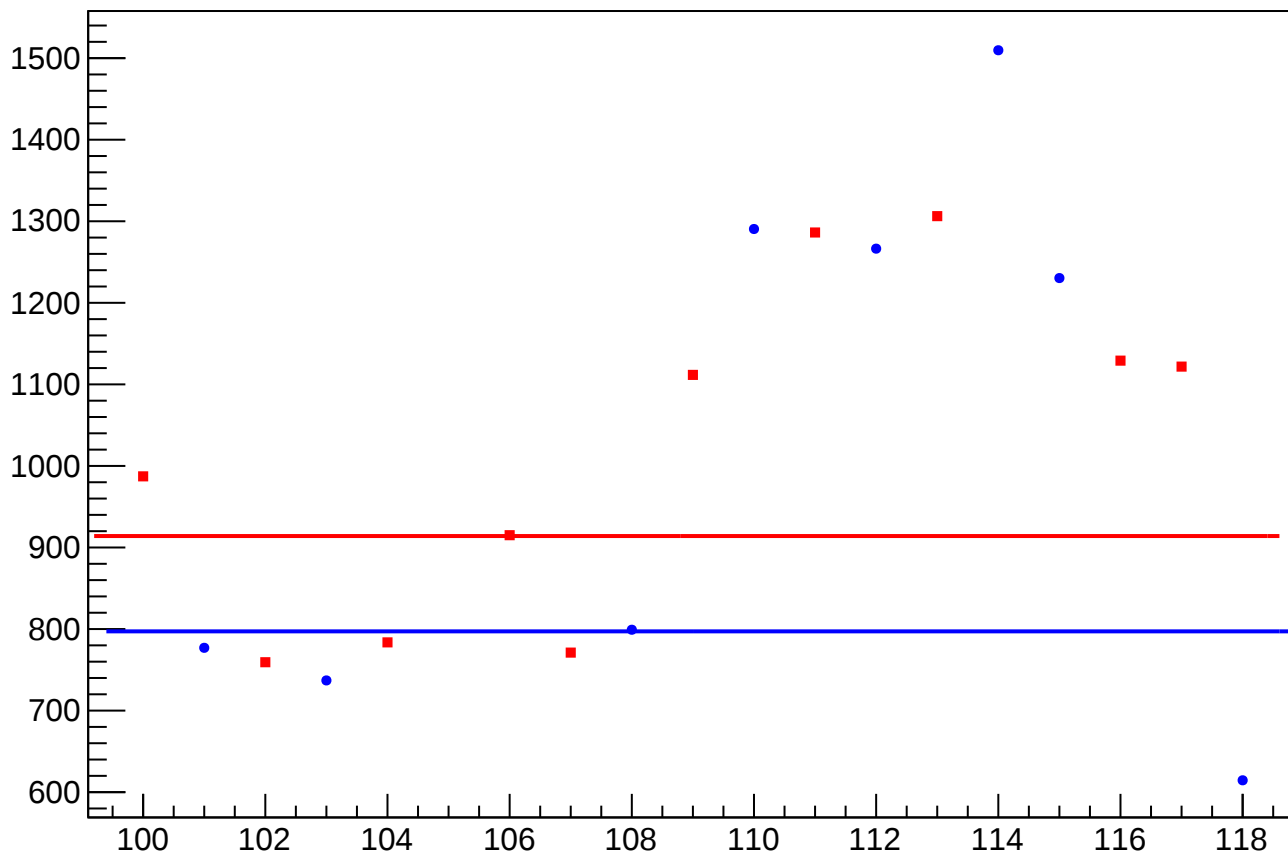
Right Out: 47.469+/-504.413 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

180.168+/-468.418 χ^2/NDF : 2.3/7

47.469+/-504.413 χ^2/NDF : 9.2/9

asym_sam_26_48_dd_rms vs Slug



Right In: 797.171+/-0.331 χ^2/NDF : 414372.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

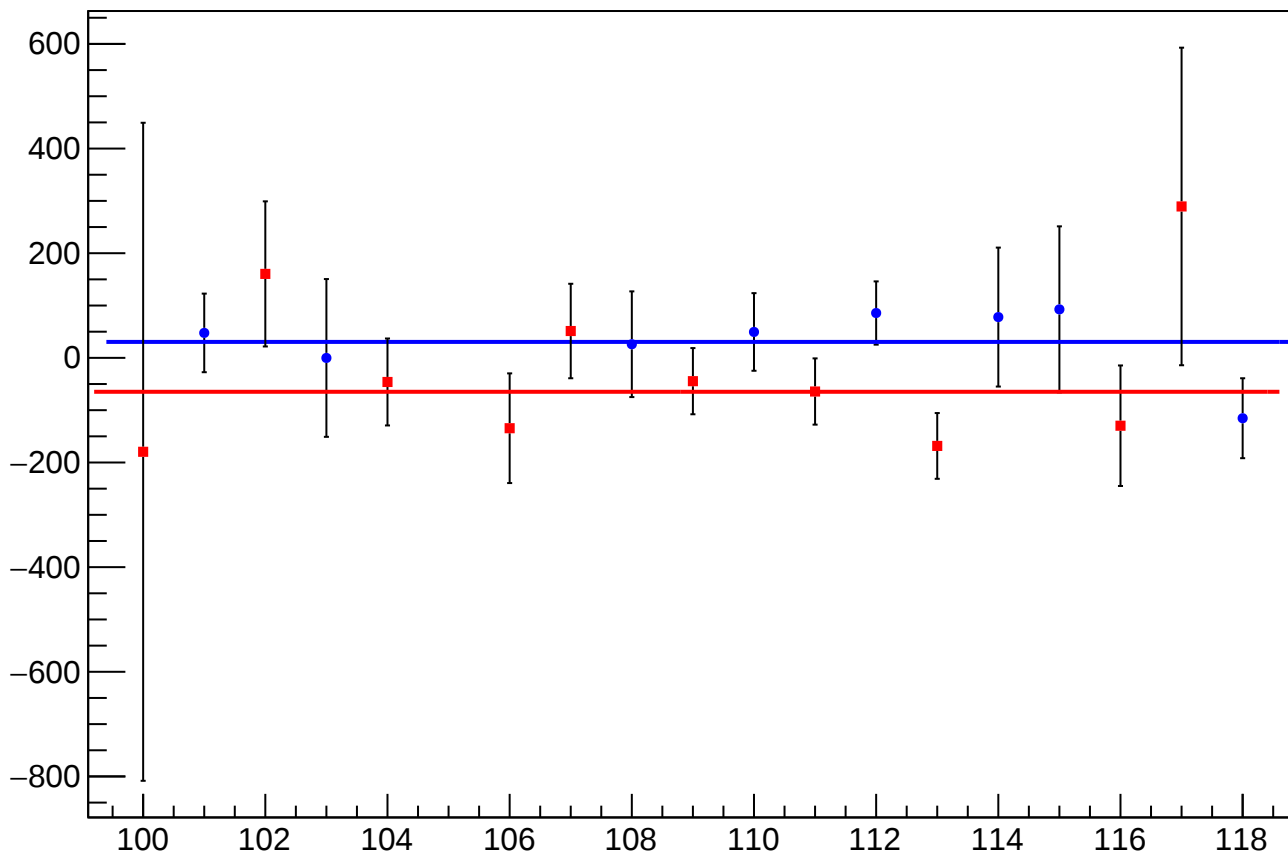
Right Out: 914.039+/-0.357 χ^2/NDF : 303849.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

797.171+/-0.331 χ^2/NDF : 414372.1/7

914.039+/-0.357 χ^2/NDF : 303849.8/9

reg_asym_sam_1357_avg_mean vs Slug



Right In: 30.481+/-30.971 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

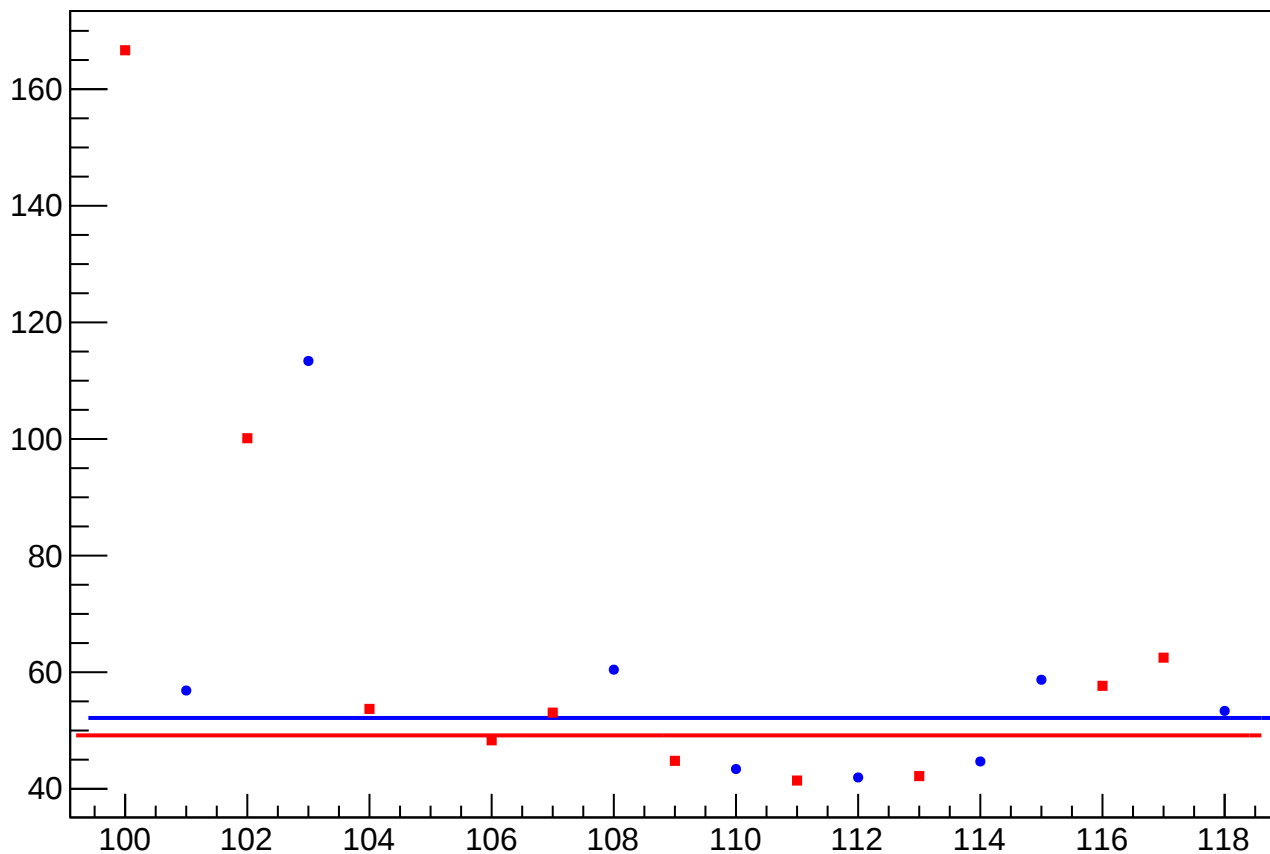
Right Out: -64.837+/-28.263 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

30.481+/-30.971 χ^2/NDF : 4.9/7

-64.837+/-28.263 χ^2/NDF : 9.3/9

reg_asym_sam_1357_avg_rms vs Slug



Right In: 52.155+/-0.022 χ^2/NDF : 446220.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

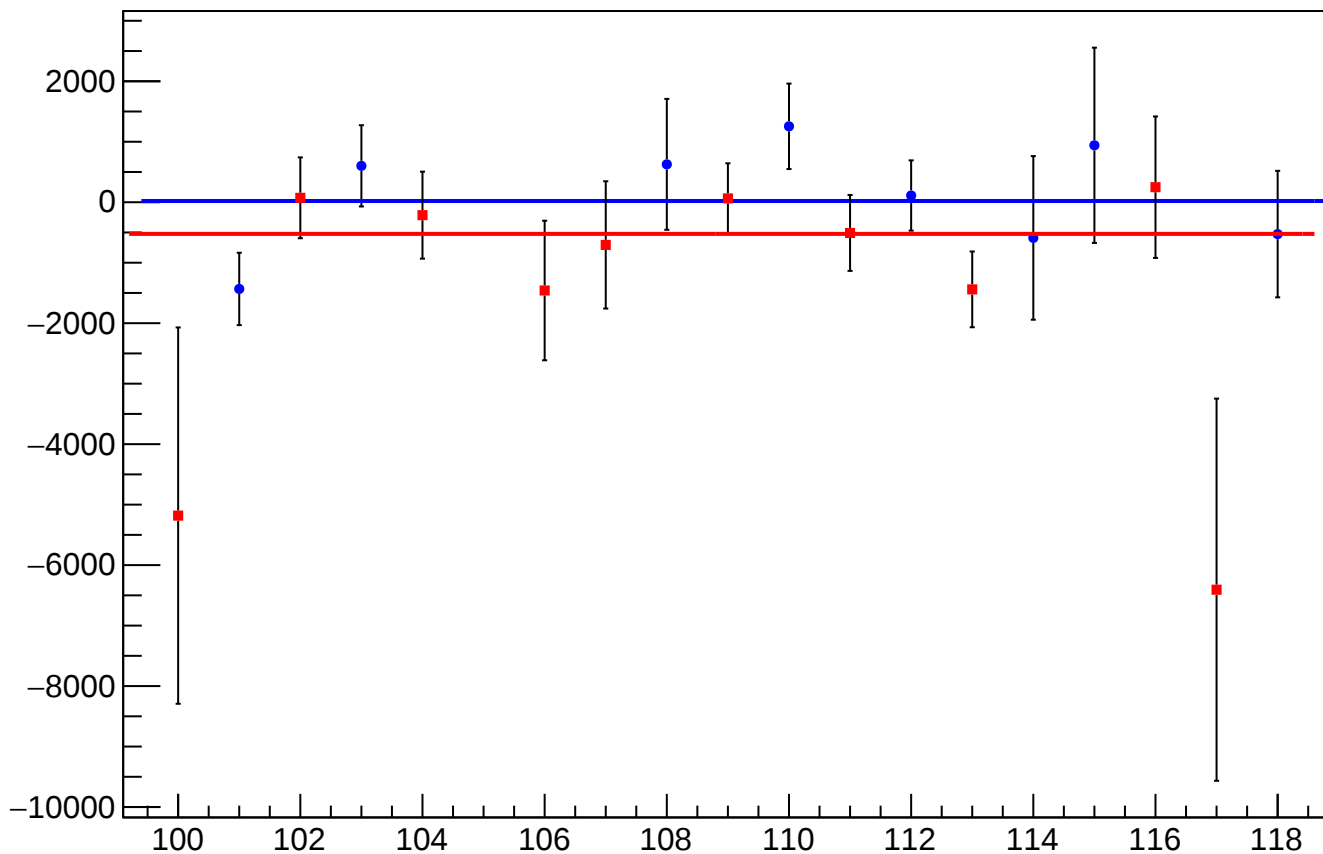
Right Out: 49.167+/-0.020 χ^2/NDF : 428696.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

52.155+/-0.022 χ^2/NDF : 446220.4/7

49.167+/-0.020 χ^2/NDF : 428696.5/9

asym_sam_1357_avg_correction_mean vs Slug



Right In: 20.543+/-280.885 χ^2 /NDF: 10.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

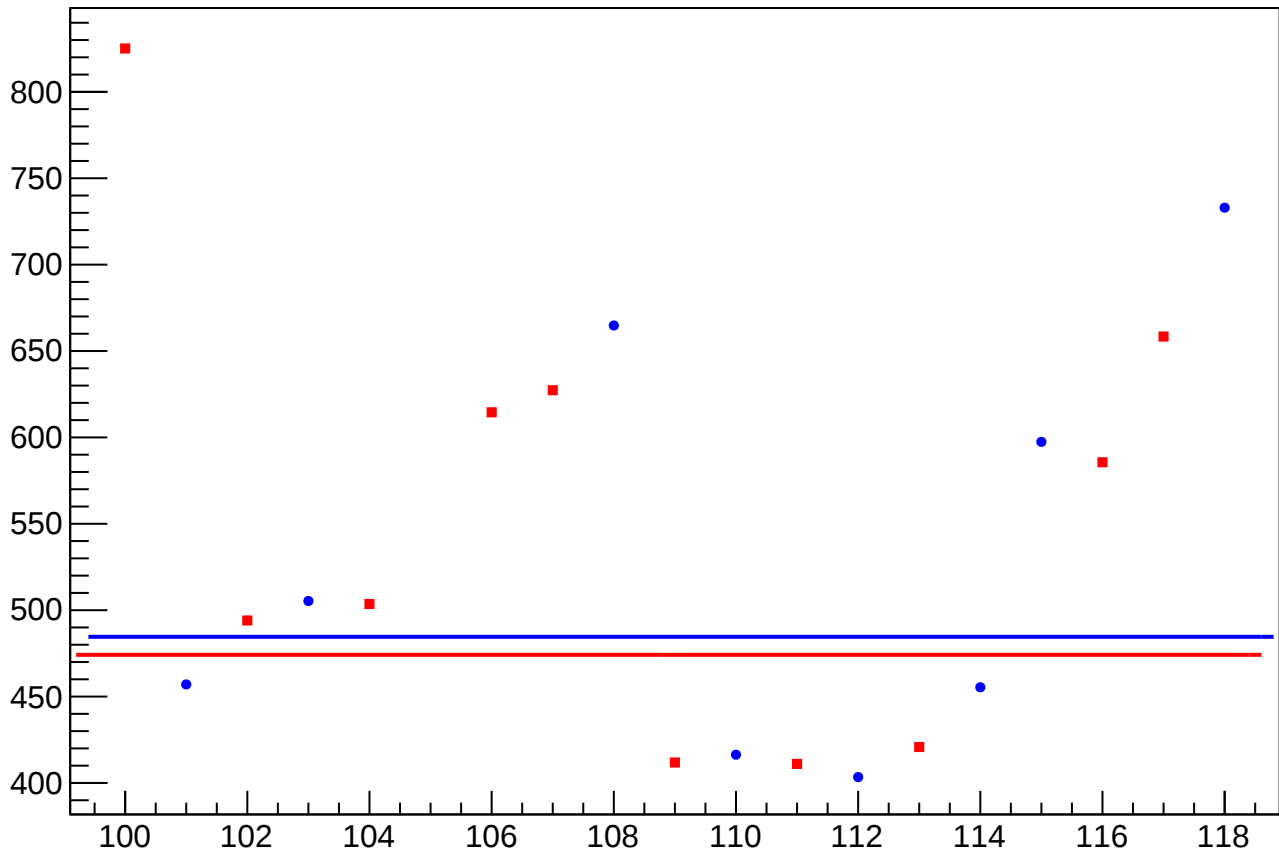
Right Out: -523.313+/-259.807 χ^2 /NDF: 11.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

20.543+/-280.885 χ^2 /NDF: 10.9/7

-523.313+/-259.807 χ^2 /NDF: 11.0/9

asym_sam_1357_avg_correction_rms vs Slug



Right In: 484.591+/-0.199 χ^2/NDF : 242772.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

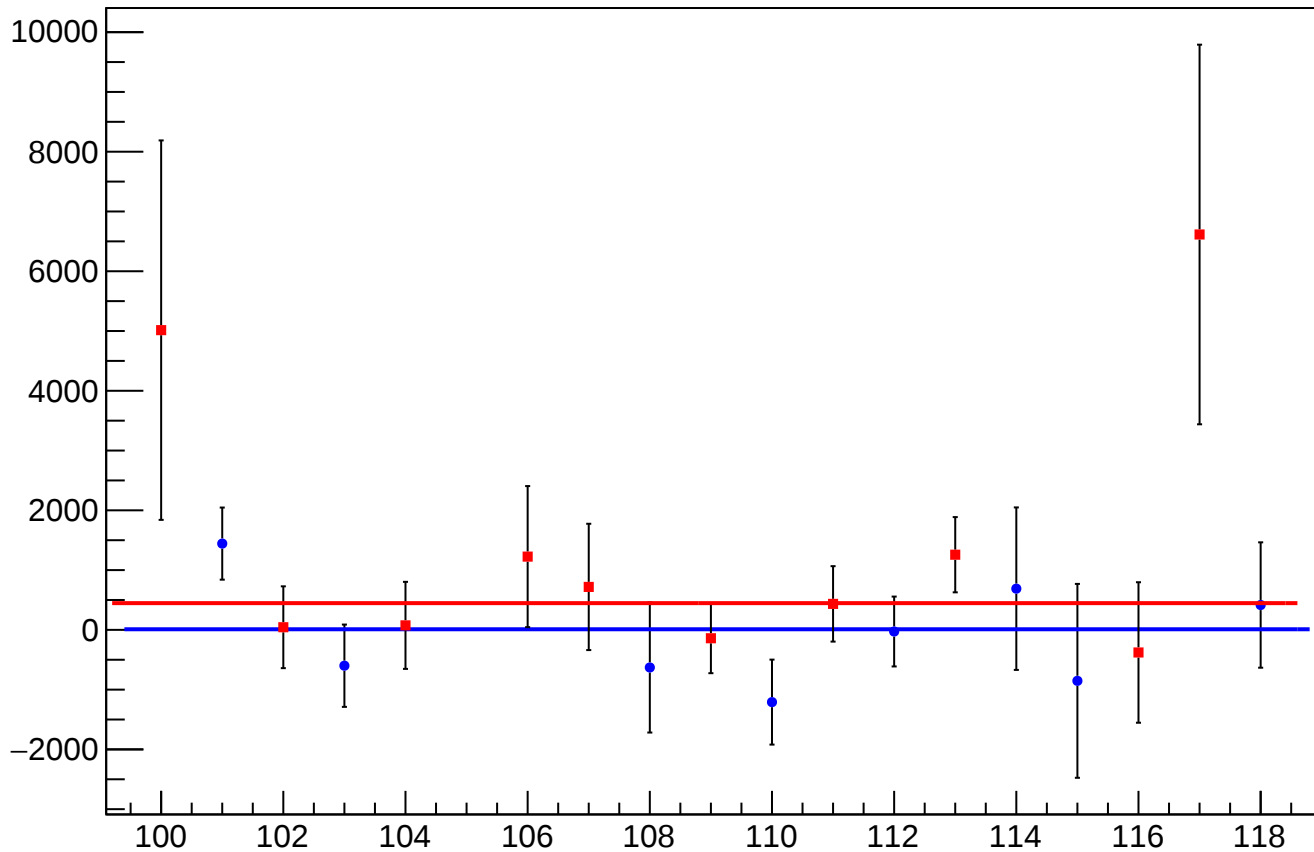
484.591+/-0.199 χ^2/NDF : 242772.5/7

Right Out: 474.162+/-0.184 χ^2/NDF : 185293.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

474.162+/-0.184 χ^2/NDF : 185293.7/9

asym_sam_1357_avg_mean vs Slug



Right In: 9.957+/-283.529 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

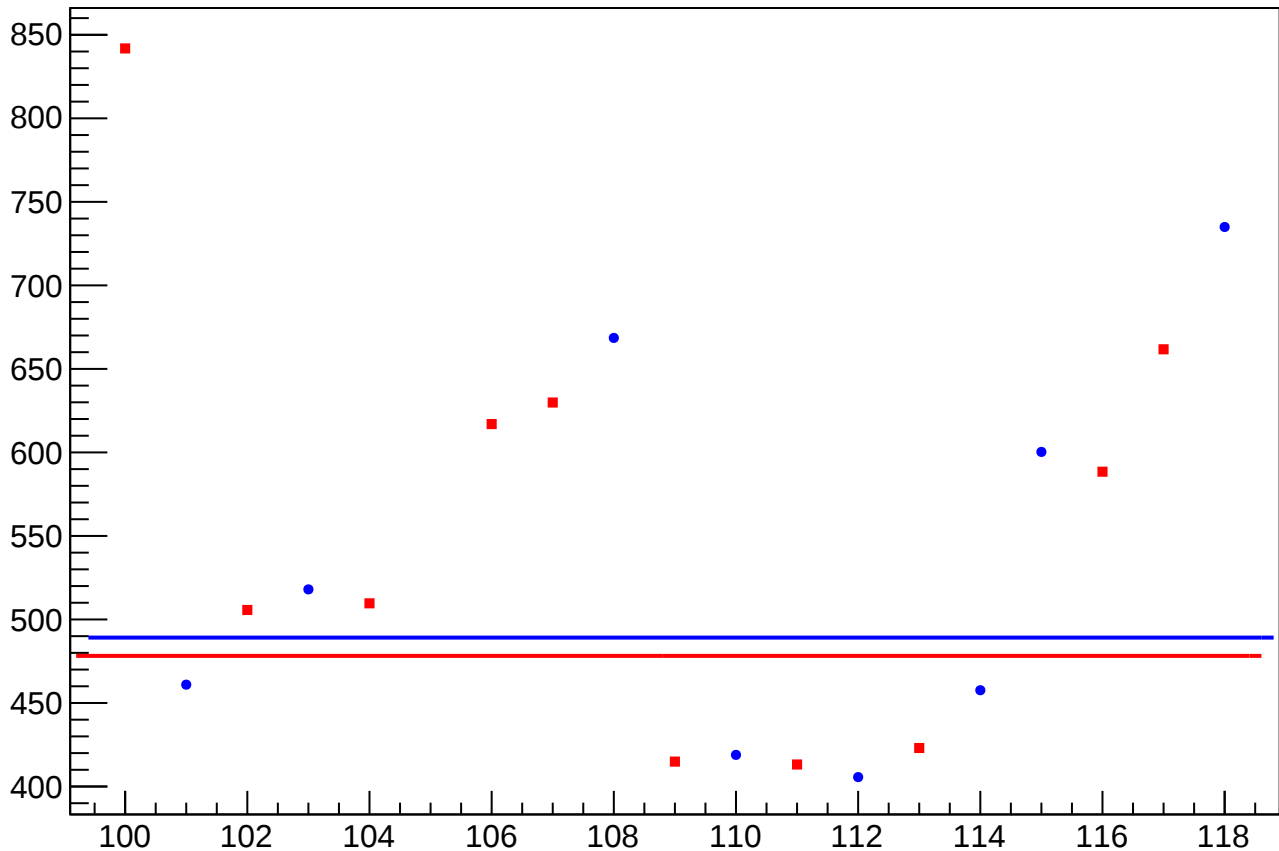
Right Out: 447.212+/-262.459 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.957+/-283.529 χ^2/NDF : 10.4/7

447.212+/-262.459 χ^2/NDF : 10.1/9

asym_sam_1357_avg_rms vs Slug



Right In: 489.147+/-0.200 χ^2/NDF : 242933.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

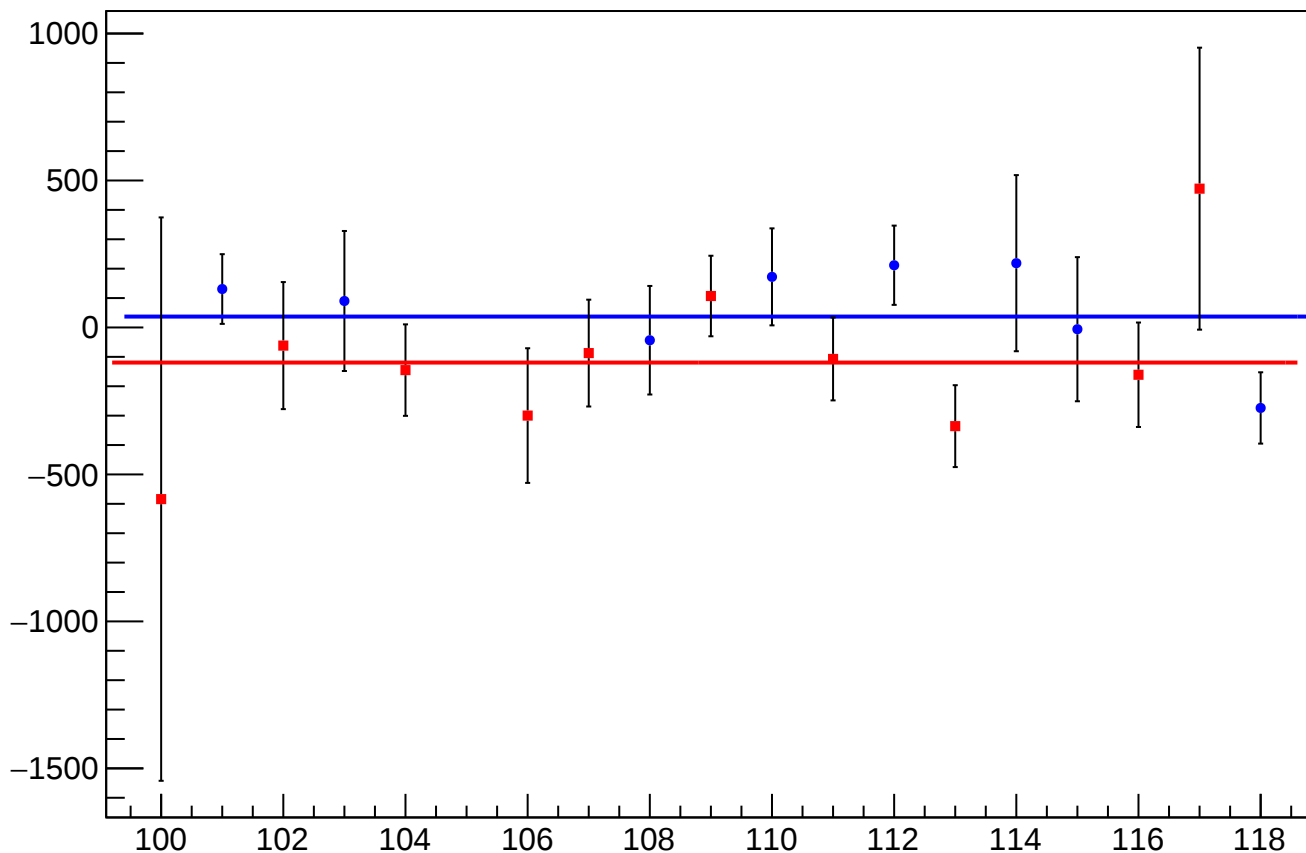
Right Out: 478.199+/-0.186 χ^2/NDF : 186389.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

489.147+/-0.200 χ^2/NDF : 242933.8/7

478.199+/-0.186 χ^2/NDF : 186389.4/9

reg_asym_sam_2468_avg_mean vs Slug



Right In: 37.045+/-57.207 χ^2/NDF : 10.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

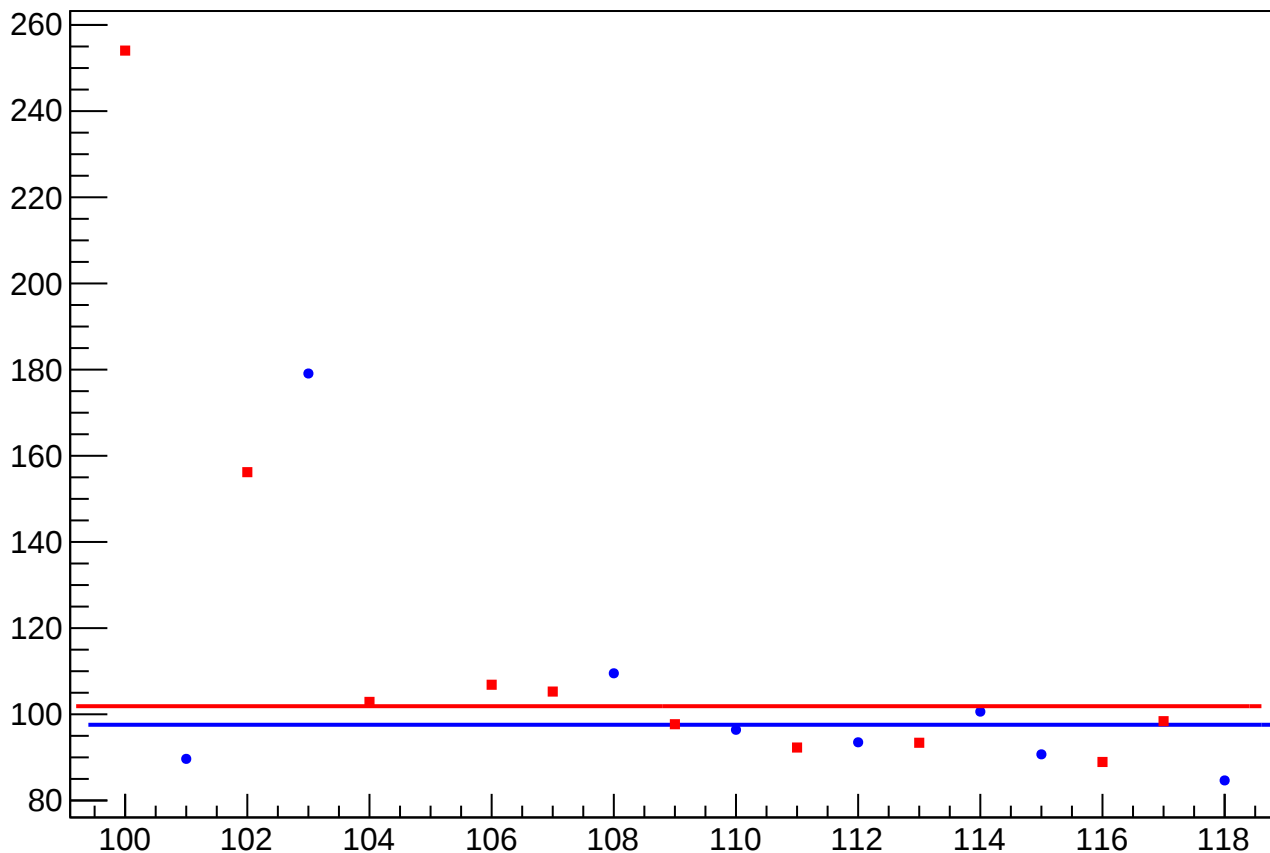
Right Out: -119.416+/-57.329 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

37.045+/-57.207 χ^2/NDF : 10.2/7

-119.416+/-57.329 χ^2/NDF : 7.7/9

reg_asym_sam_2468_avg_rms vs Slug



Right In: 97.569+/-0.040 χ^2/NDF : 277957.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

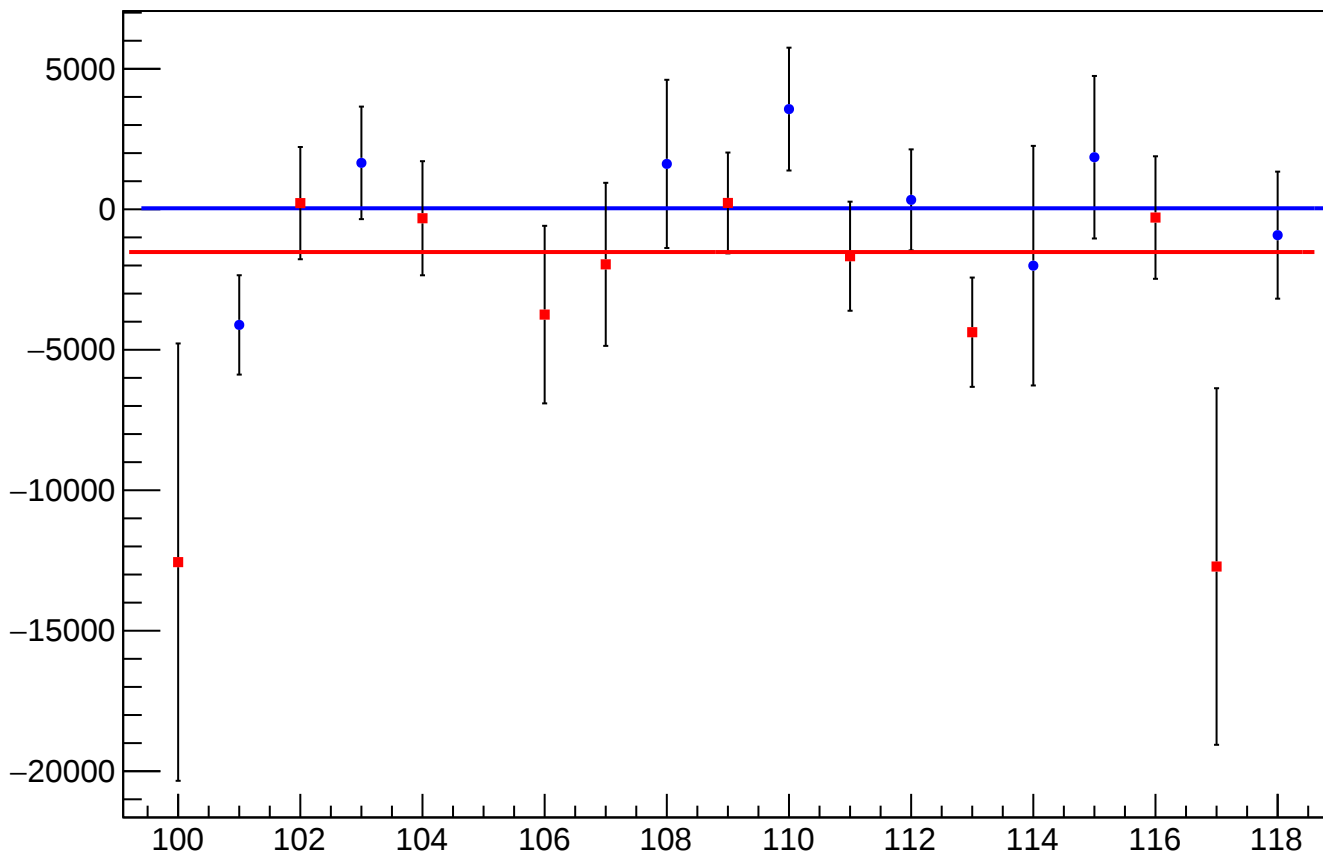
Right Out: 101.880+/-0.041 χ^2/NDF : 207772.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

97.569+/-0.040 χ^2/NDF : 277957.6/7

101.880+/-0.041 χ^2/NDF : 207772.5/9

asym_sam_2468_avg_correction_mean vs Slug



Right In: 36.800+/-798.230 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

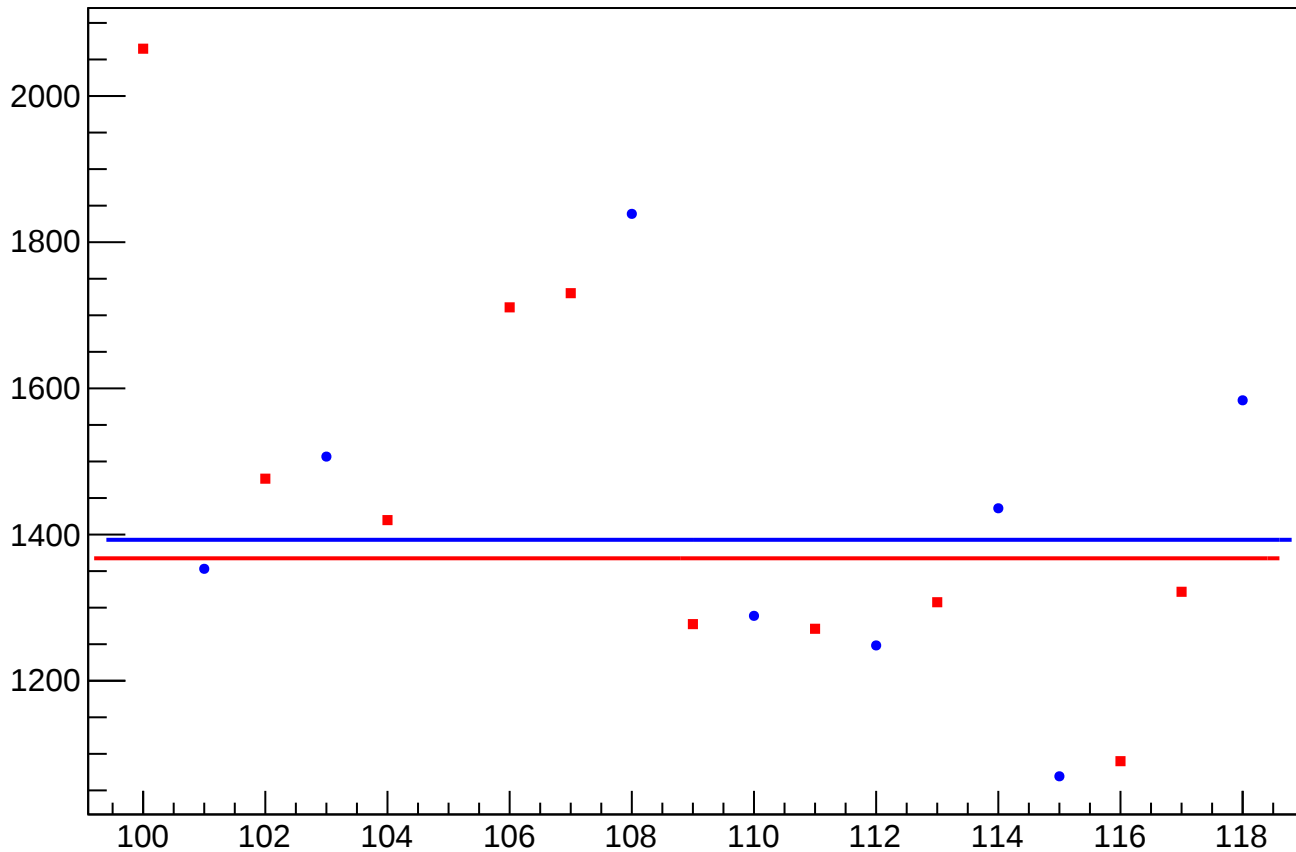
Right Out: -1520.956+/-744.564 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

36.800+/-798.230 χ^2/NDF : 9.9/7

-1520.956+/-744.564 χ^2/NDF : 10.2/9

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1392.846 $\pm$ 0.564 χ^2 /NDF: 108770.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

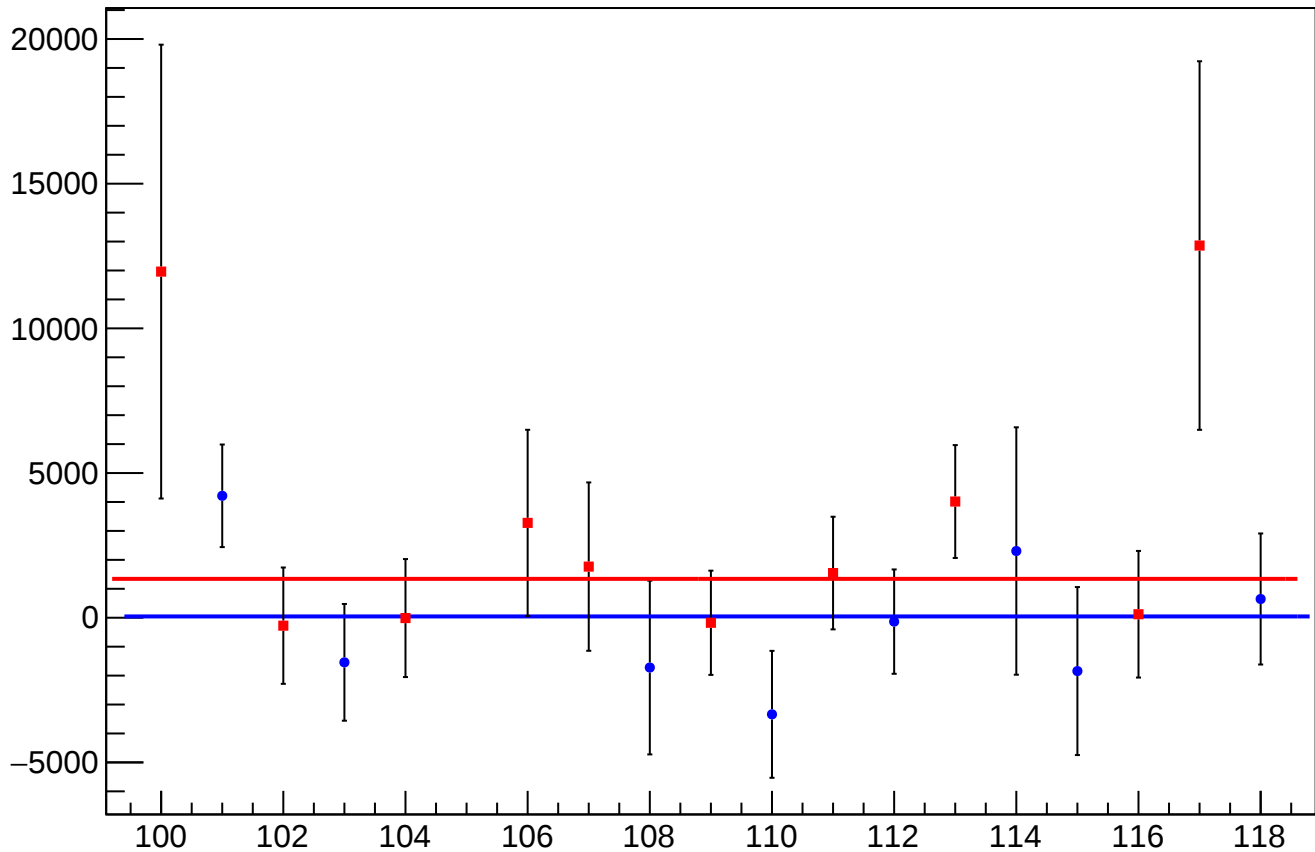
1392.846 $\pm$ 0.564 χ^2 /NDF: 108770.1/7

Right Out: 1367.532 $\pm$ 0.526 χ^2 /NDF: 122557.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1367.532 $\pm$ 0.526 χ^2 /NDF: 122557.5/9

asym_sam_2468_avg_mean vs Slug



Right In: 44.534 $\pm$ 800.917 χ^2 /NDF: 9.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

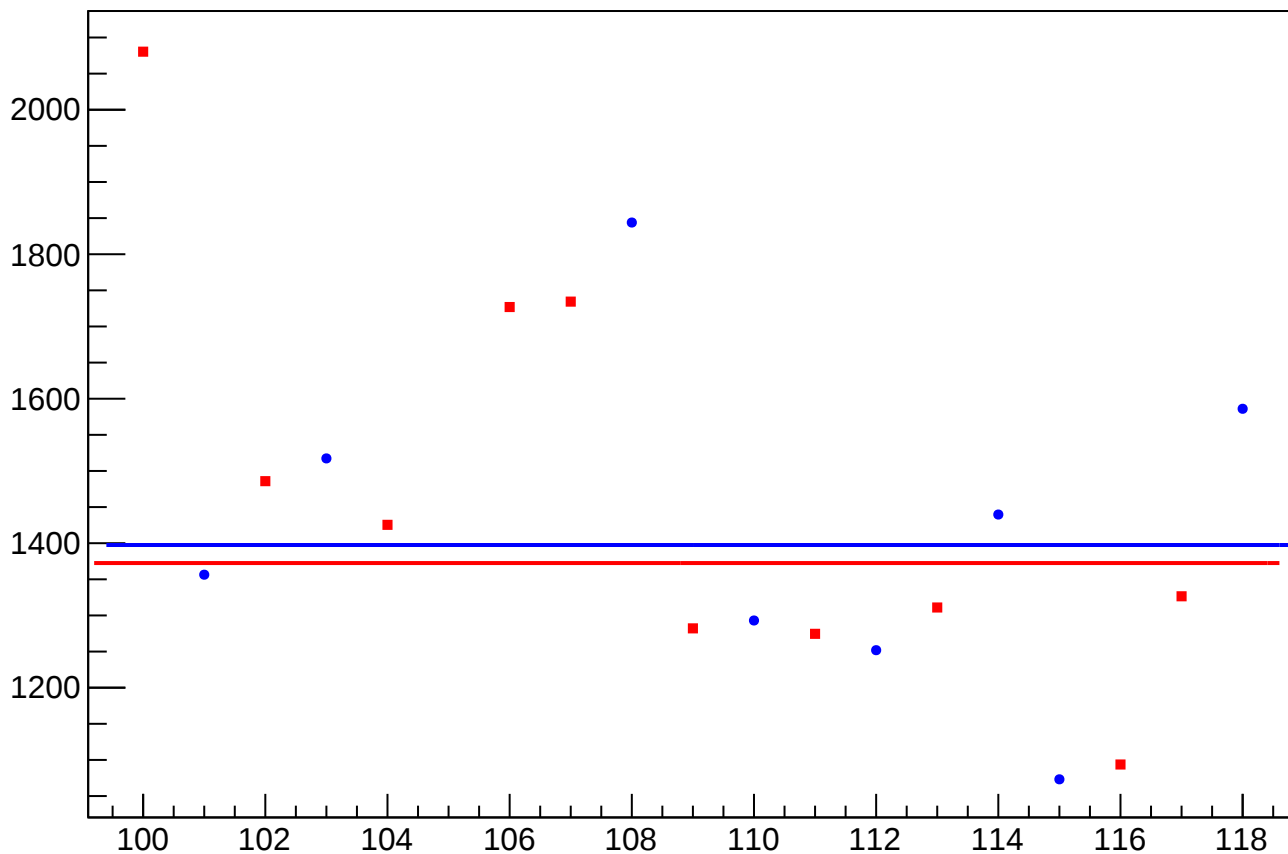
Right Out: 1342.994 $\pm$ 747.912 χ^2 /NDF: 9.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

44.534 $\pm$ 800.917 χ^2 /NDF: 9.7/7

1342.994 $\pm$ 747.912 χ^2 /NDF: 9.5/9

asym_sam_2468_avg_rms vs Slug



Right In: 1397.510 $\pm$ 0.566 χ^2 /NDF: 108958.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

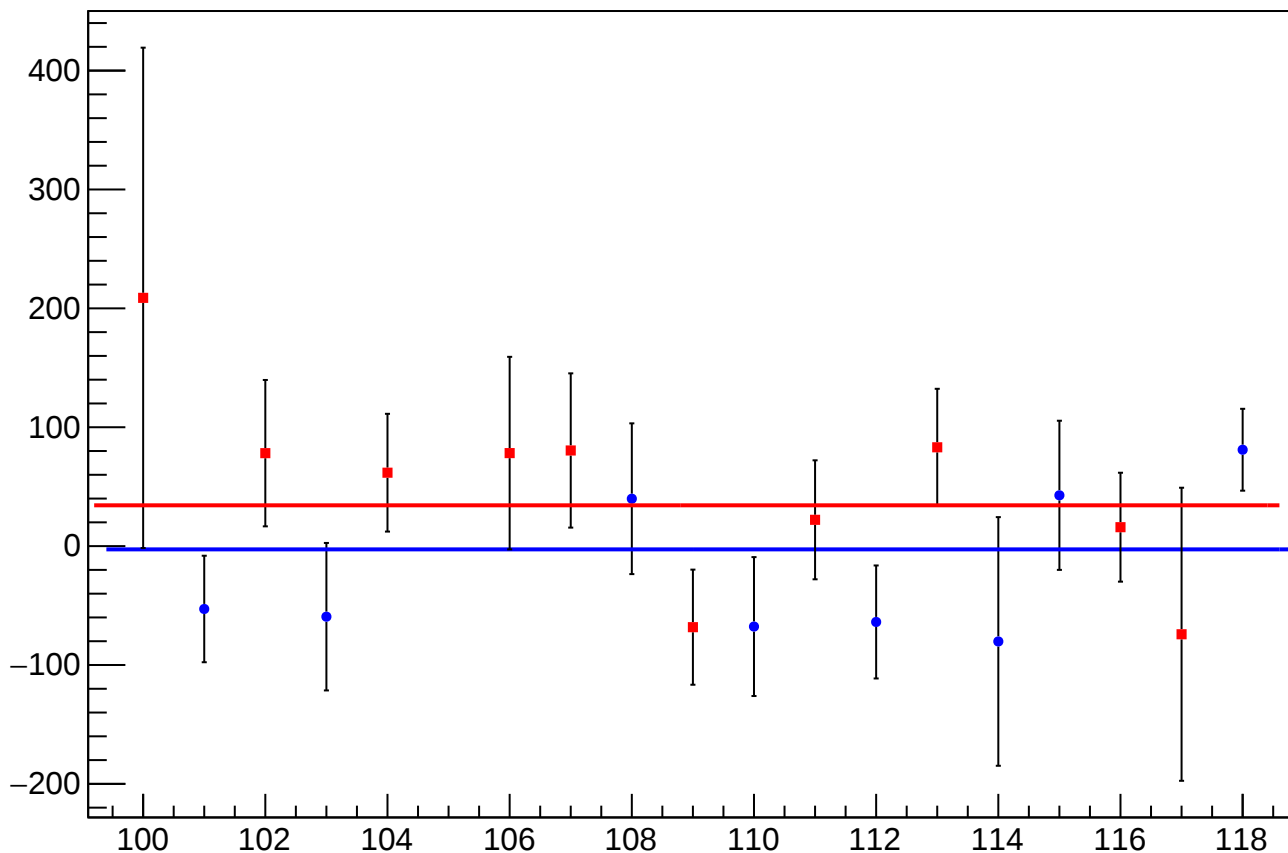
Right Out: 1372.523 $\pm$ 0.529 χ^2 /NDF: 123904.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1397.510 $\pm$ 0.566 χ^2 /NDF: 108958.6/7

1372.523 $\pm$ 0.529 χ^2 /NDF: 123904.0/9

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -2.743 $\pm$ 18.470 χ^2/NDF : 12.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

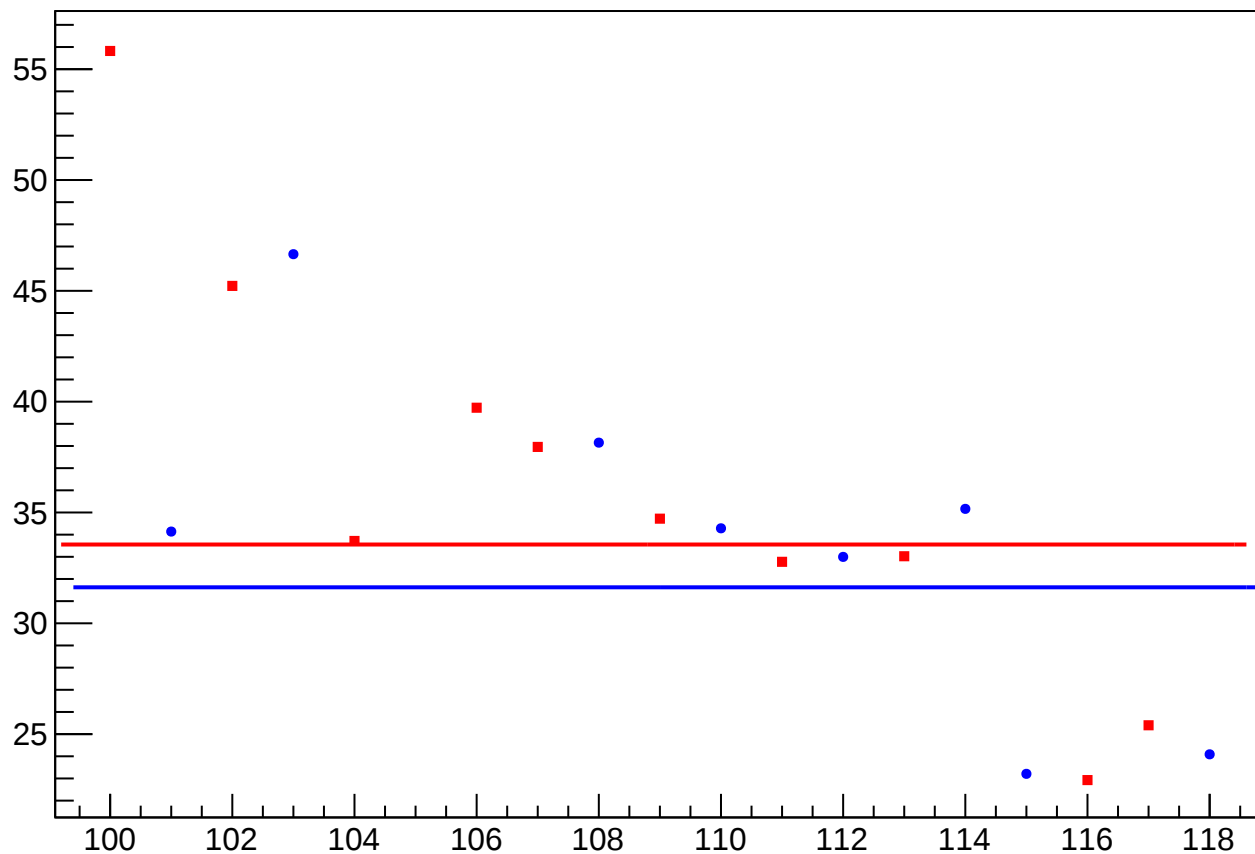
Right Out: 34.324 $\pm$ 18.682 χ^2/NDF : 8.8/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-2.743 $\pm$ 18.470 χ^2/NDF : 12.4/7

34.324 $\pm$ 18.682 χ^2/NDF : 8.8/9

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 31.624+/-0.013 χ^2/NDF : 284771.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

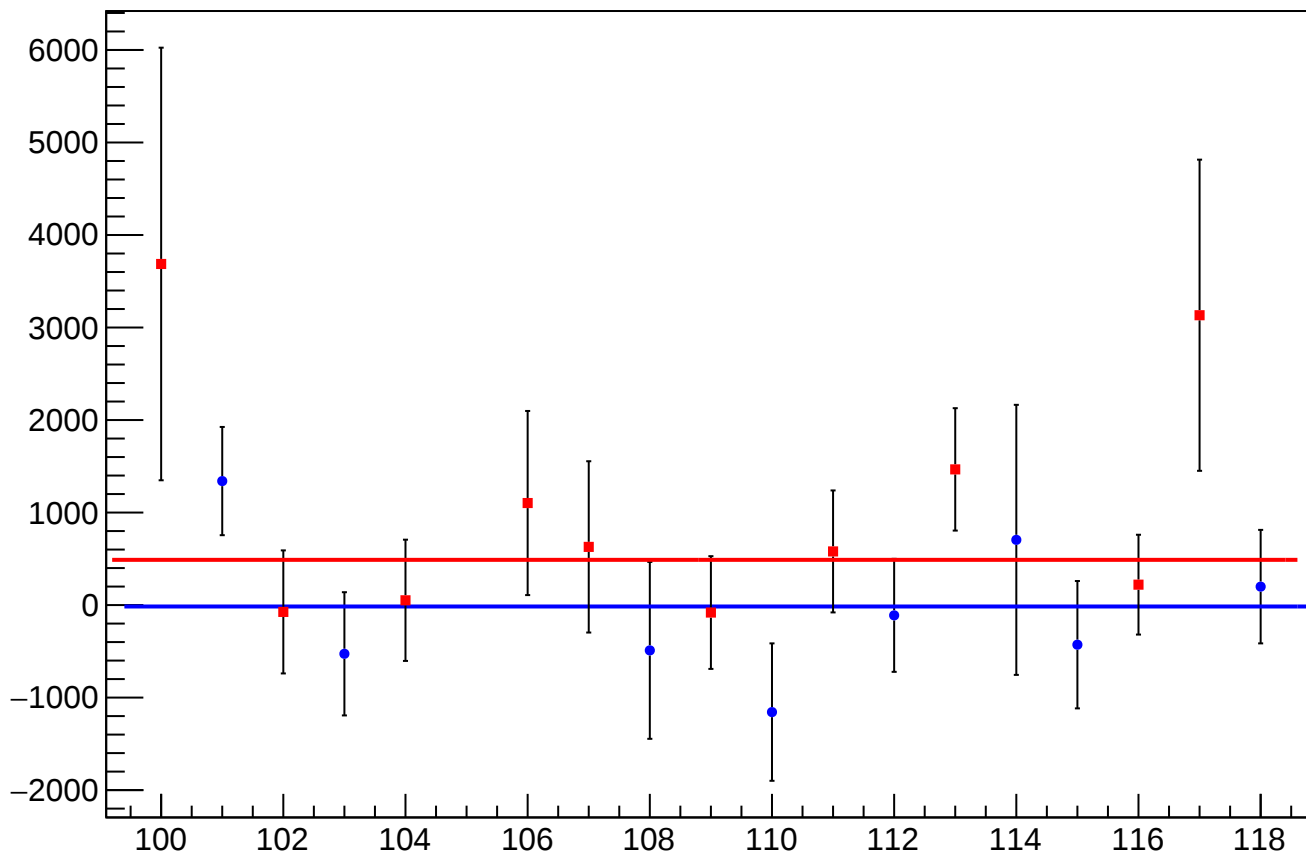
Right Out: 33.555+/-0.013 χ^2/NDF : 233353.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.624+/-0.013 χ^2/NDF : 284771.1/7

33.555+/-0.013 χ^2/NDF : 233353.6/9

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: -15.351 $\pm$ 249.973 χ^2 /NDF: 9.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

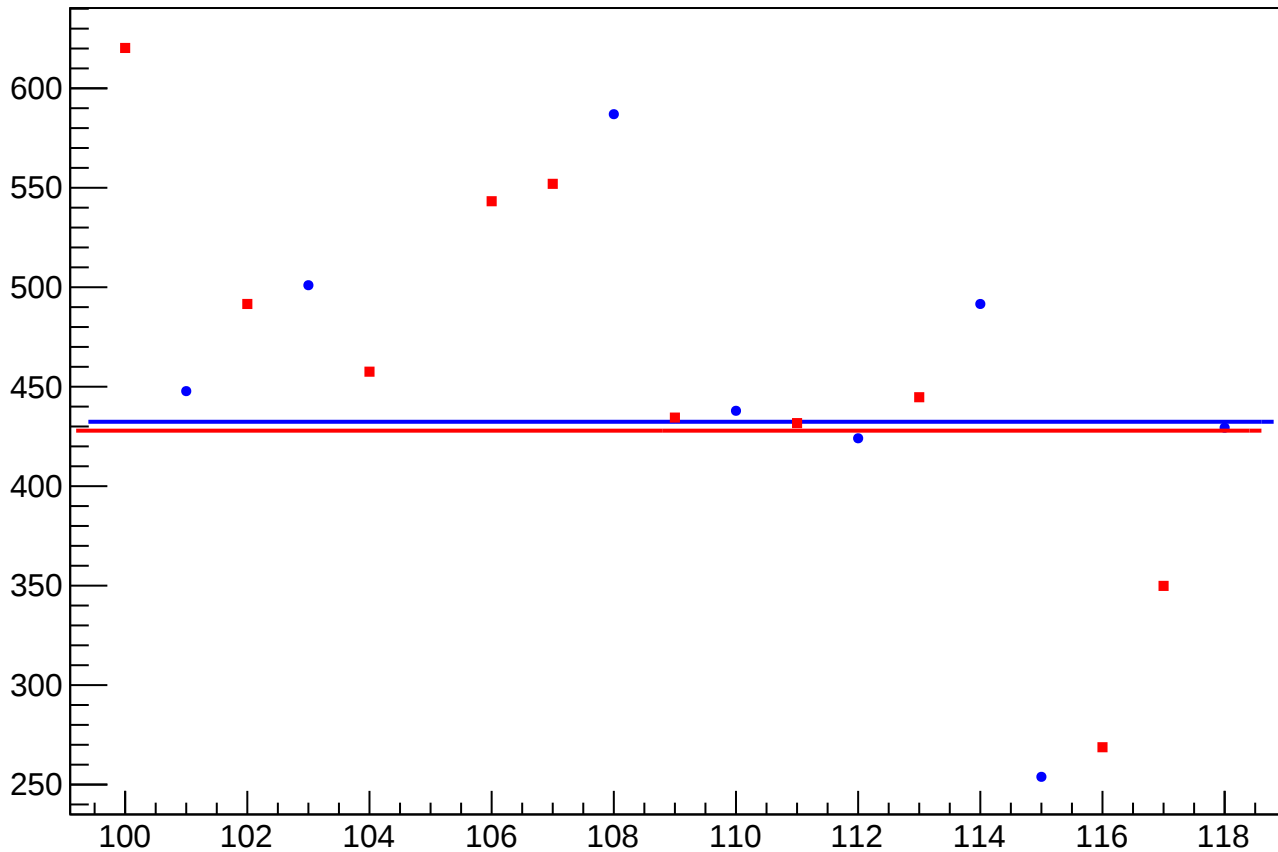
Right Out: 488.844 $\pm$ 235.574 χ^2 /NDF: 9.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-15.351 $\pm$ 249.973 χ^2 /NDF: 9.3/7

488.844 $\pm$ 235.574 χ^2 /NDF: 9.2/9

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 432.375+/-0.177 χ^2/NDF : 213229.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

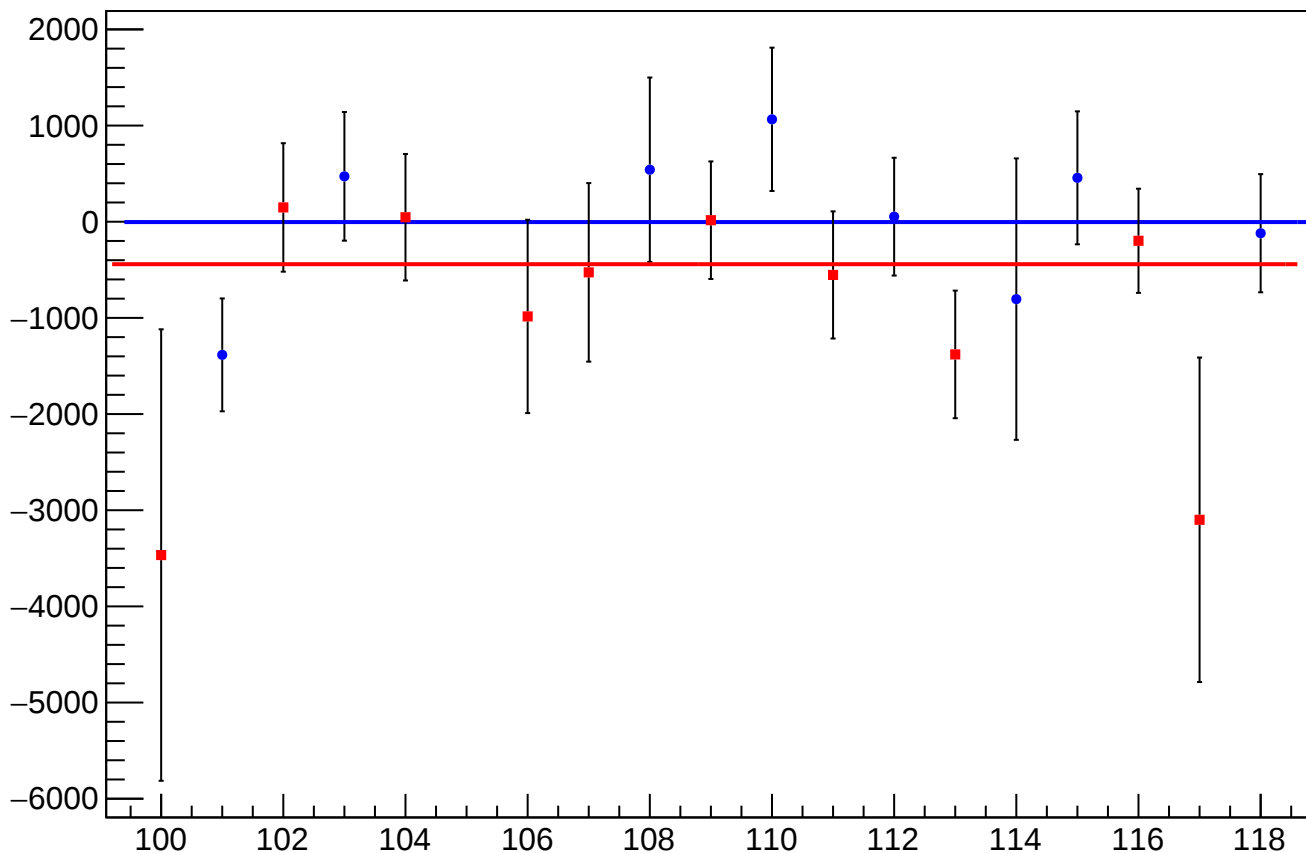
Right Out: 427.905+/-0.167 χ^2/NDF : 278676.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

432.375+/-0.177 χ^2/NDF : 213229.5/7

427.905+/-0.167 χ^2/NDF : 278676.3/9

asym_sam_1357_2468_dd_mean vs Slug



Right In: -3.588+/-250.760 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

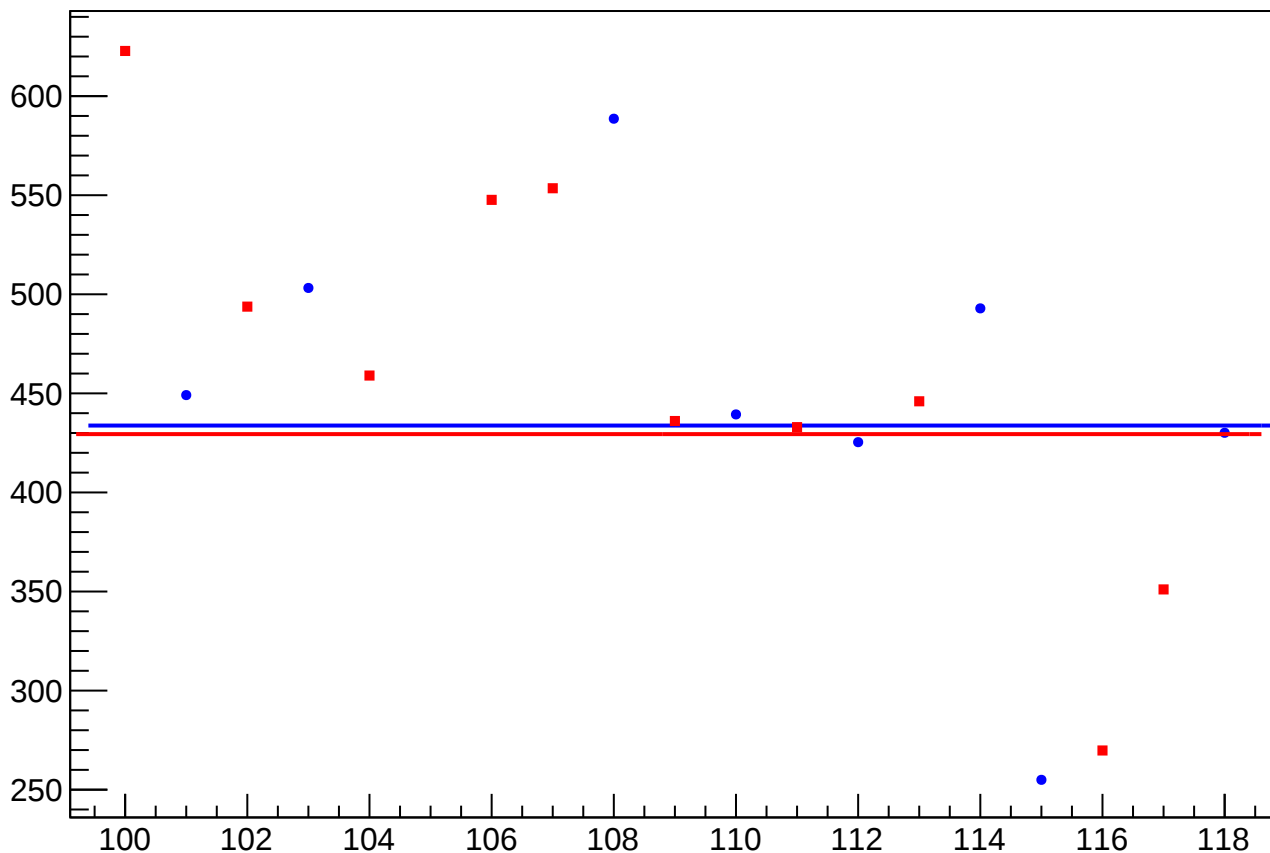
Right Out: -441.583+/-236.471 χ^2/NDF : 8.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.588+/-250.760 χ^2/NDF : 9.2/7

-441.583+/-236.471 χ^2/NDF : 8.6/9

asym_sam_1357_2468_dd_rms vs Slug



Right In: 433.758+/-0.177 χ^2/NDF : 212721.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

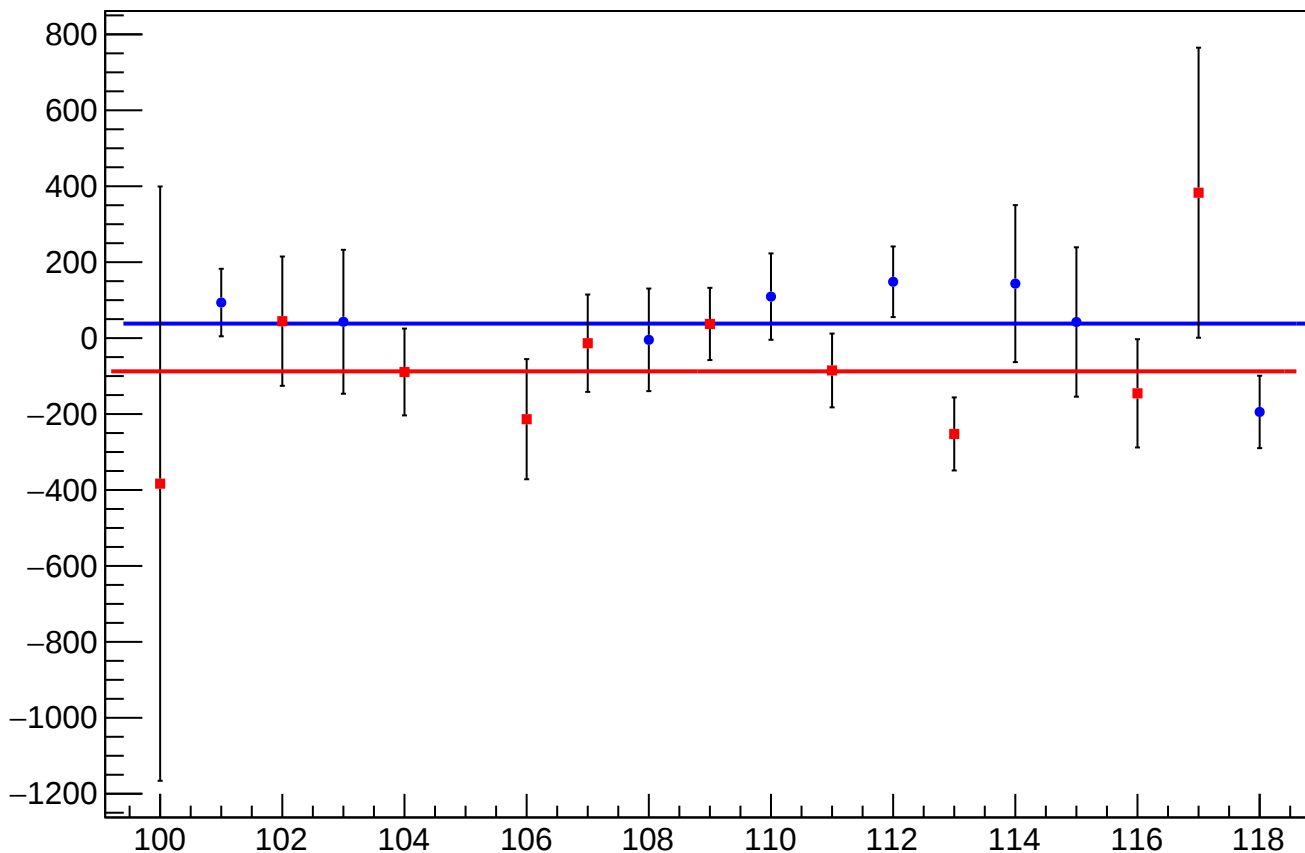
Right Out: 429.436+/-0.167 χ^2/NDF : 279248.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

433.758+/-0.177 χ^2/NDF : 212721.2/7

429.436+/-0.167 χ^2/NDF : 279248.2/9

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 38.249+/-42.213 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

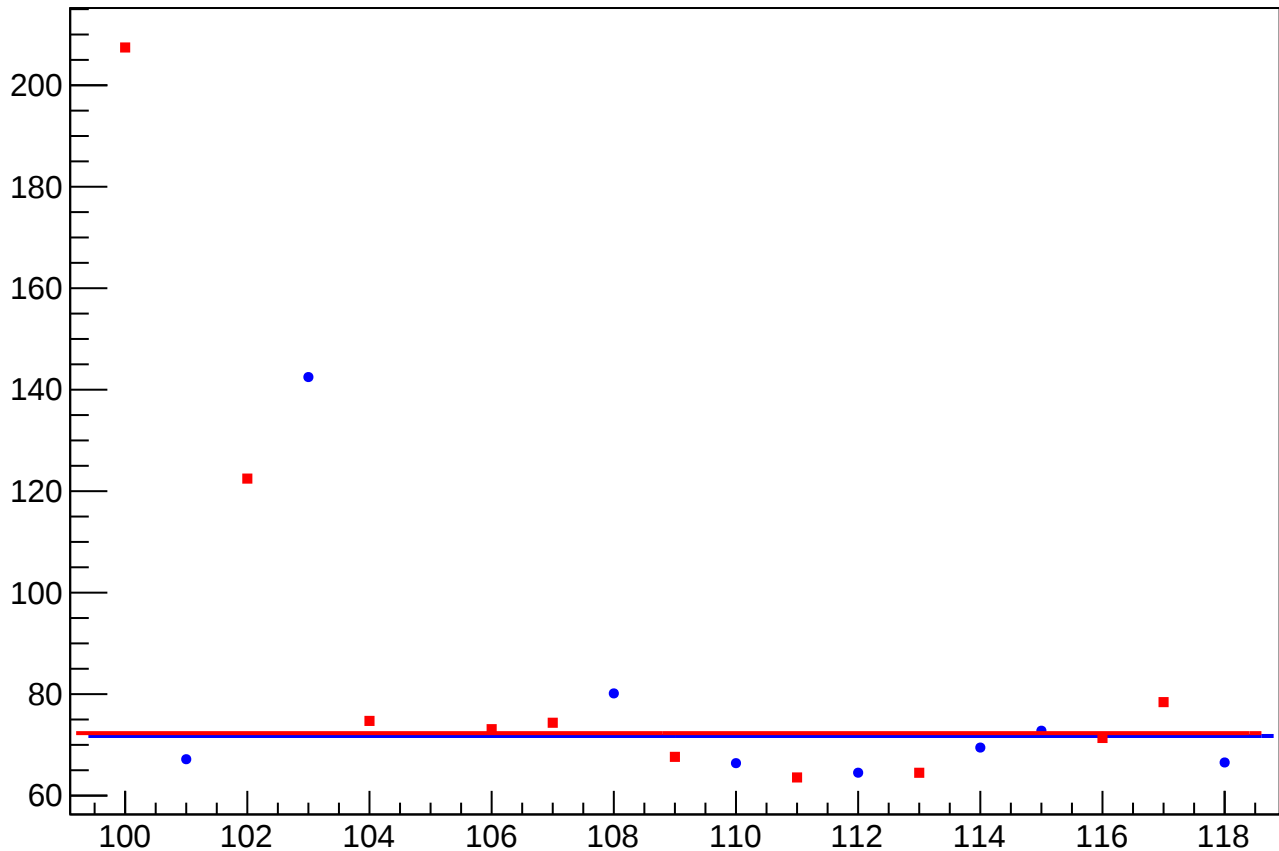
Right Out: -87.469+/-41.032 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

38.249+/-42.213 χ^2/NDF : 8.5/7

-87.469+/-41.032 χ^2/NDF : 8.1/9

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 71.753+/-0.030 χ^2/NDF : 314555.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

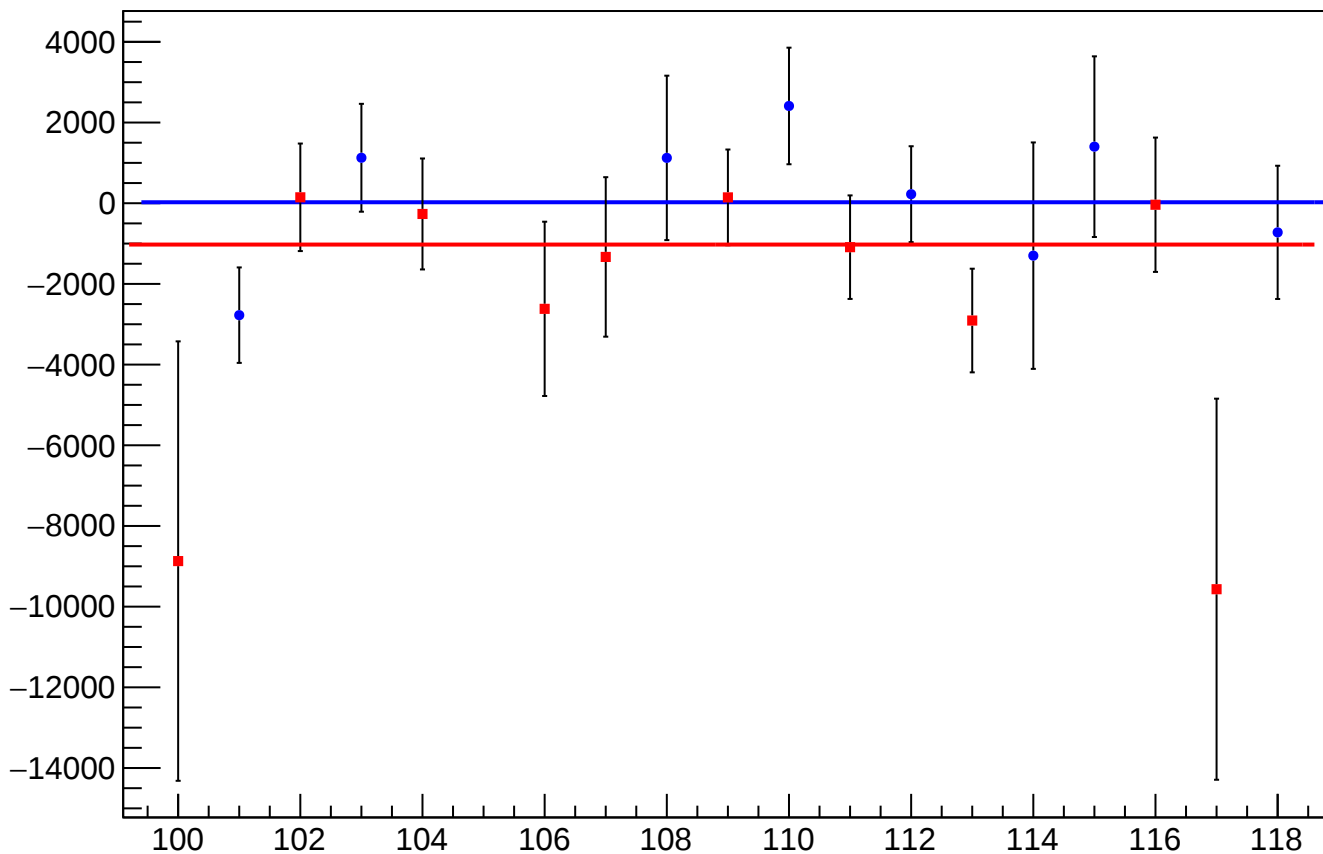
Right Out: 72.314+/-0.029 χ^2/NDF : 269448.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

71.753+/-0.030 χ^2/NDF : 314555.6/7

72.314+/-0.029 χ^2/NDF : 269448.0/9

asym_sam_12345678_avg_correction_mean vs Slug



Right In: 24.107+/-542.745 χ^2/NDF : 10.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

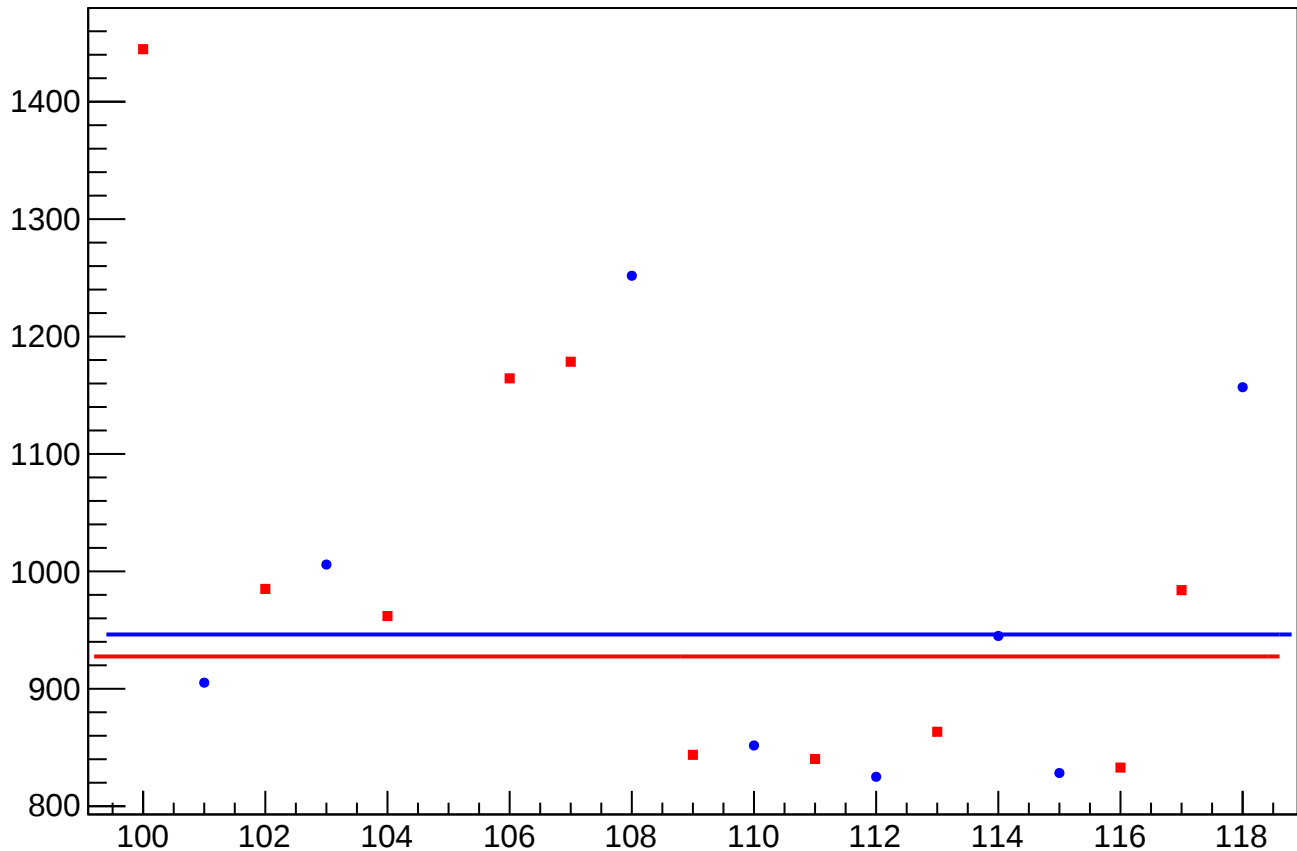
Right Out: -1024.729+/-504.747 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.107+/-542.745 χ^2/NDF : 10.1/7

-1024.729+/-504.747 χ^2/NDF : 10.5/9

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 946.256+/-0.384 χ^2/NDF : 118775.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

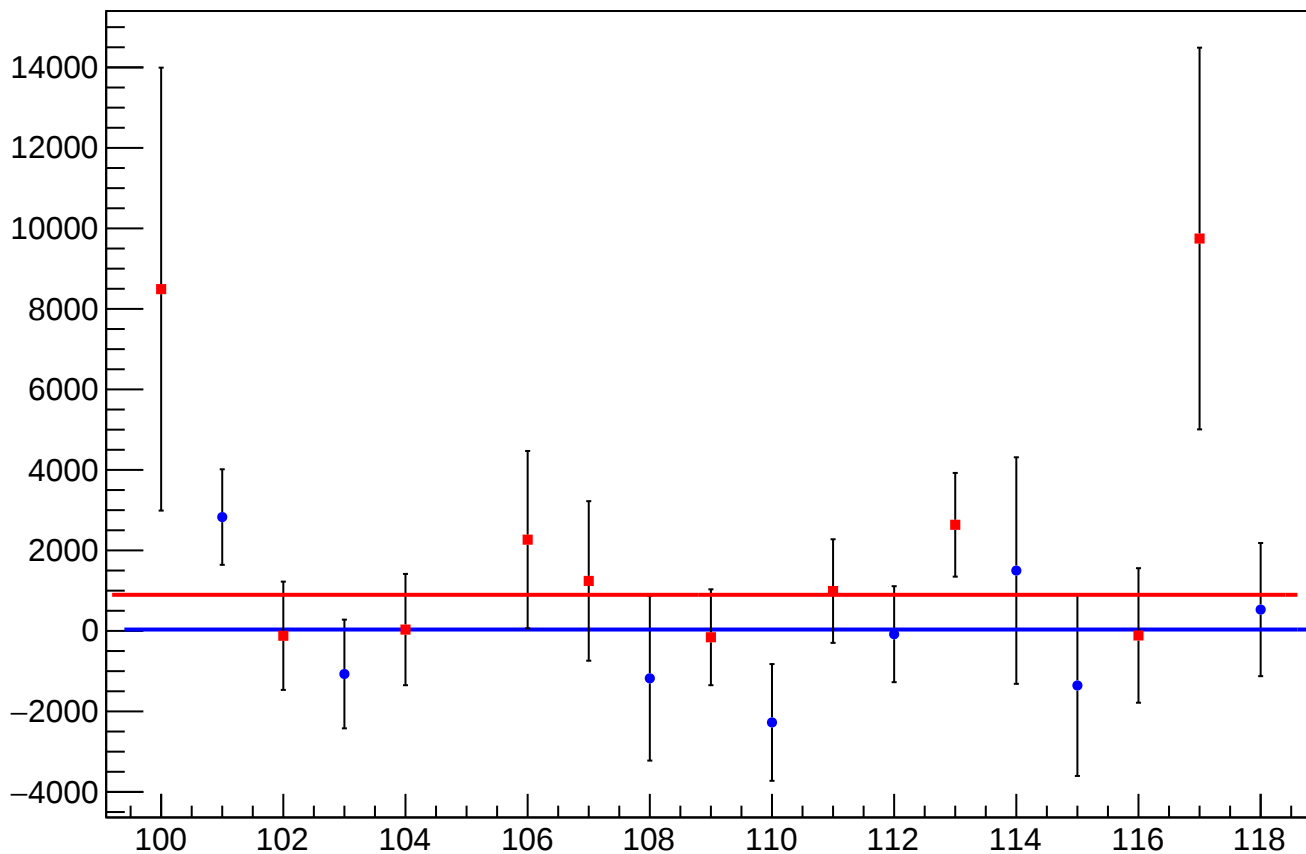
946.256+/-0.384 χ^2/NDF : 118775.5/7

Right Out: 927.537+/-0.357 χ^2/NDF : 110276.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

927.537+/-0.357 χ^2/NDF : 110276.4/9

asym_sam_12345678_avg_mean vs Slug



Right In: 34.314+/-545.023 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

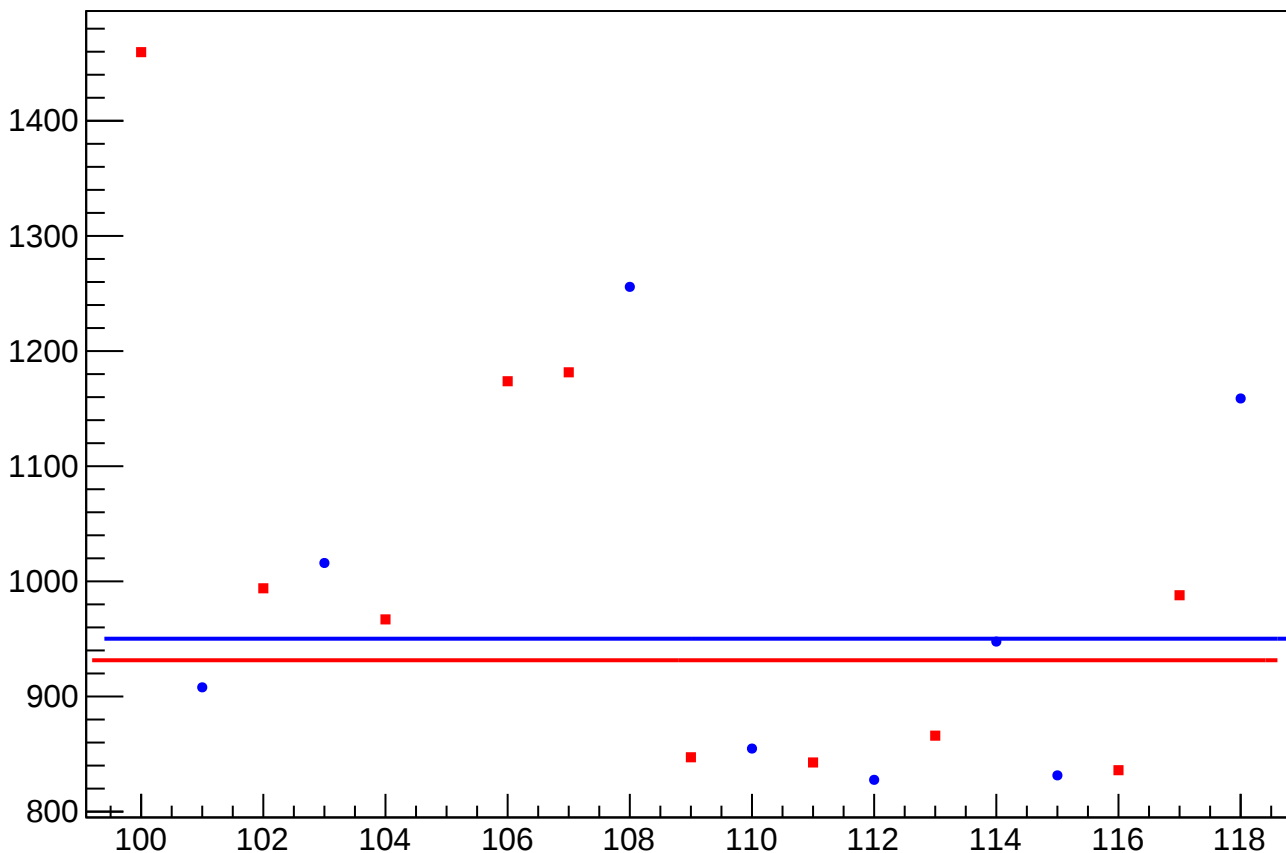
Right Out: 896.617+/-507.458 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.314+/-545.023 χ^2/NDF : 9.9/7

896.617+/-507.458 χ^2/NDF : 9.7/9

asym_sam_12345678_avg_rms vs Slug



Right In: 950.193+/-0.385 χ^2/NDF : 119155.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

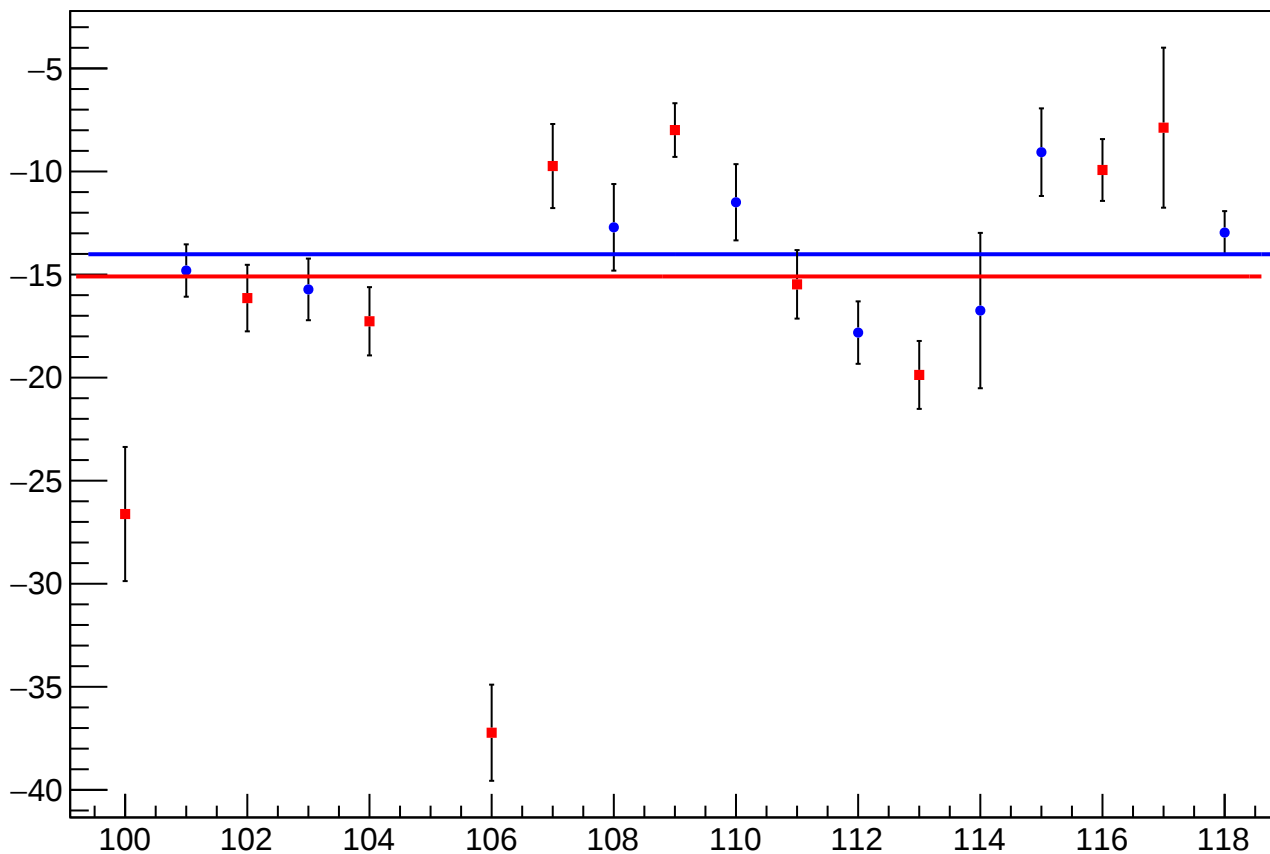
Right Out: 931.482+/-0.359 χ^2/NDF : 111611.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

950.193+/-0.385 χ^2/NDF : 119155.6/7

931.482+/-0.359 χ^2/NDF : 111611.2/9

reg_asym_sam1_diff_bpm4aX_slope vs Slug



Right In: -14.015 $\pm$ 0.556 χ^2 /NDF: 17.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

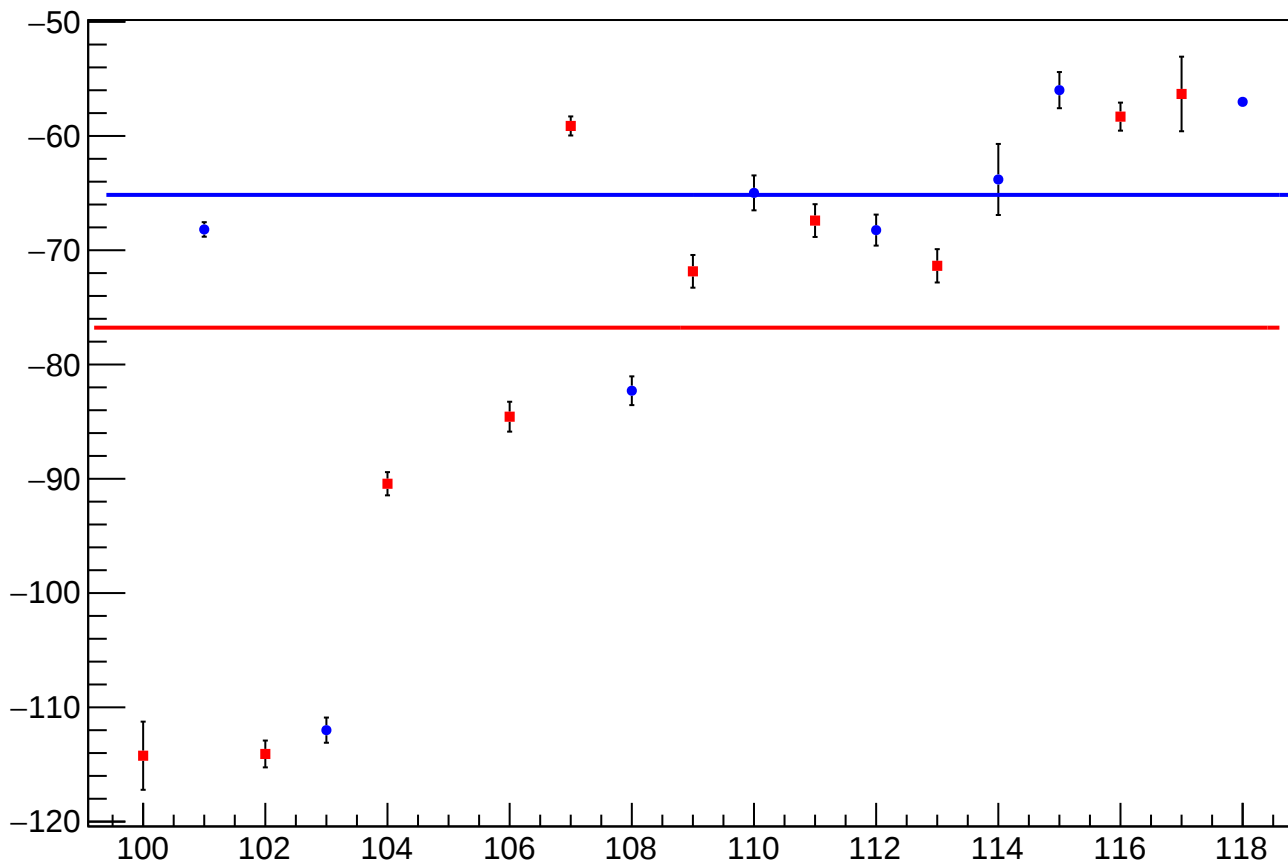
Right Out: -15.093 $\pm$ 0.568 χ^2 /NDF: 165.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-14.015 $\pm$ 0.556 χ^2 /NDF: 17.2/7

-15.093 $\pm$ 0.568 χ^2 /NDF: 165.2/9

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -65.156 $\pm$ 0.287 χ^2 /NDF: 2498.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

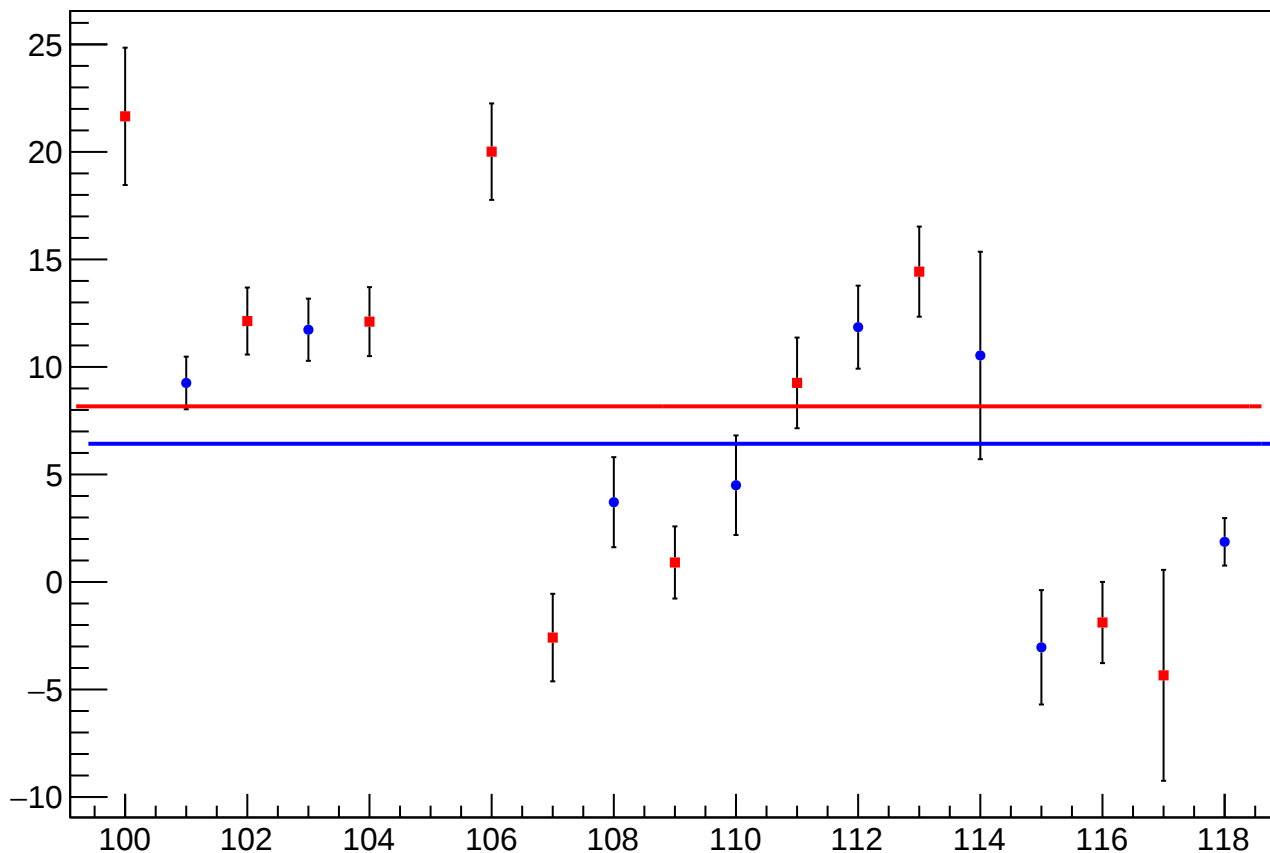
Right Out: -76.775 $\pm$ 0.407 χ^2 /NDF: 2166.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-65.156 $\pm$ 0.287 χ^2 /NDF: 2498.0/7

-76.775 $\pm$ 0.407 χ^2 /NDF: 2166.2/9

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 6.428 $\pm$ 0.594 χ^2 /NDF: 59.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

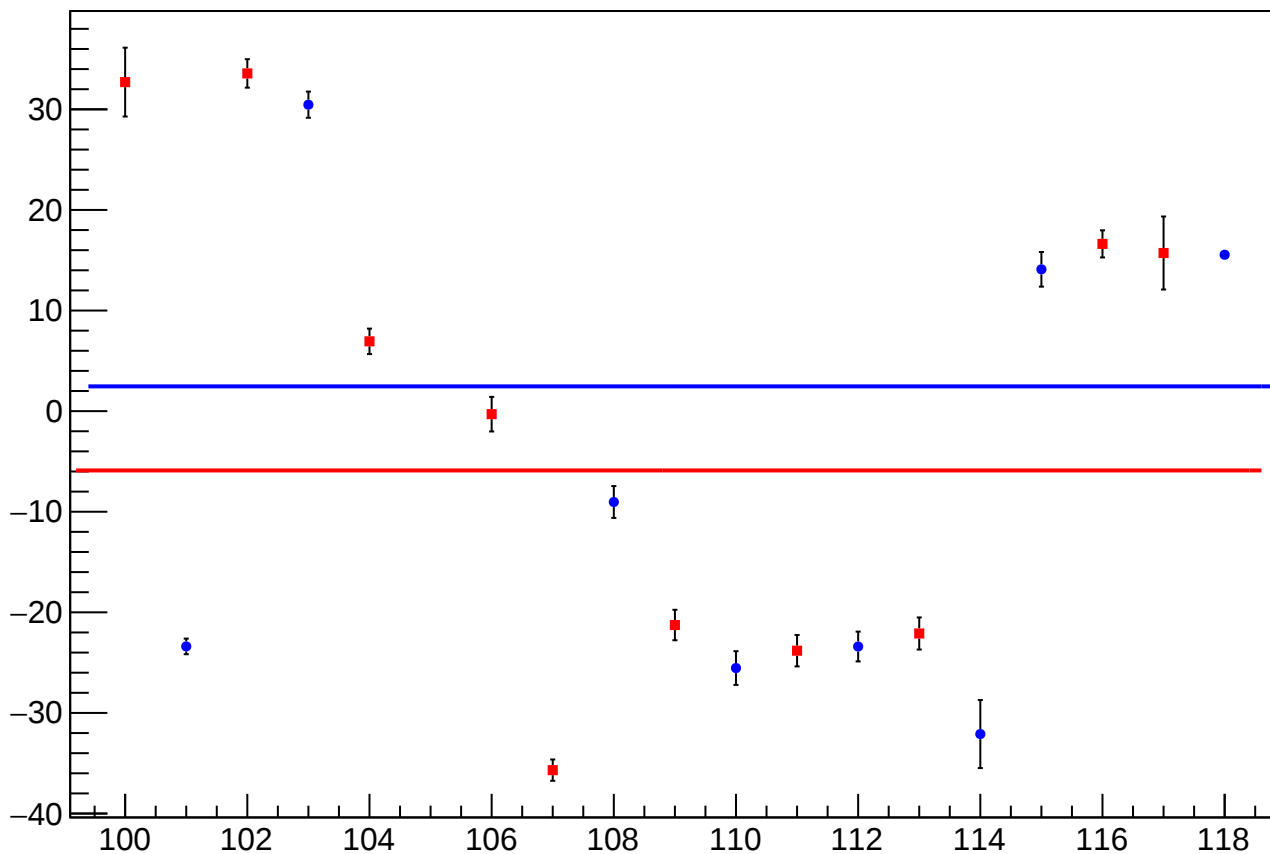
Right Out: 8.168 $\pm$ 0.636 χ^2 /NDF: 148.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.428 $\pm$ 0.594 χ^2 /NDF: 59.5/7

8.168 $\pm$ 0.636 χ^2 /NDF: 148.9/9

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 2.462 $\pm$ 0.357 χ^2 /NDF: 3039.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

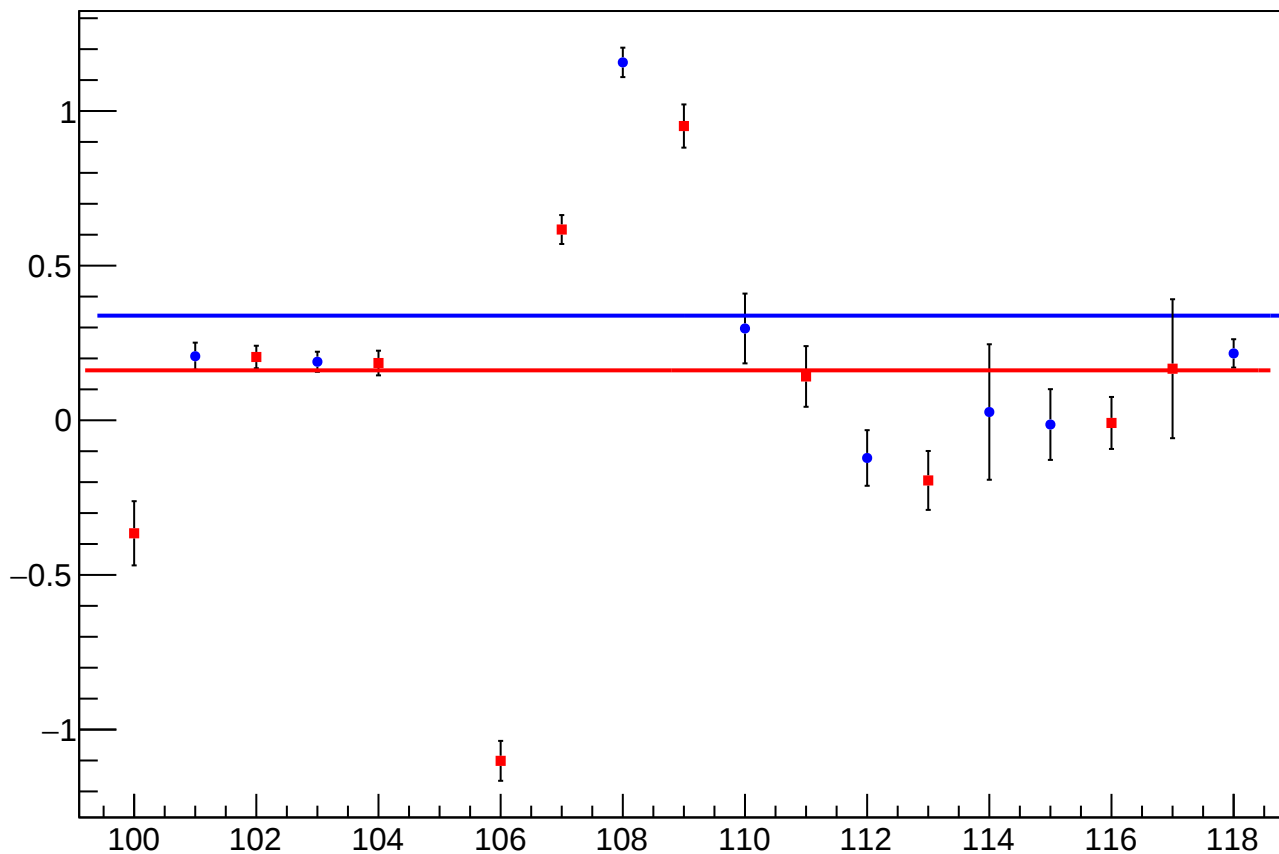
Right Out: -5.895 $\pm$ 0.482 χ^2 /NDF: 2462.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.462 $\pm$ 0.357 χ^2 /NDF: 3039.0/7

-5.895 $\pm$ 0.482 χ^2 /NDF: 2462.2/9

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.338+/-0.019 χ^2/NDF : 371.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

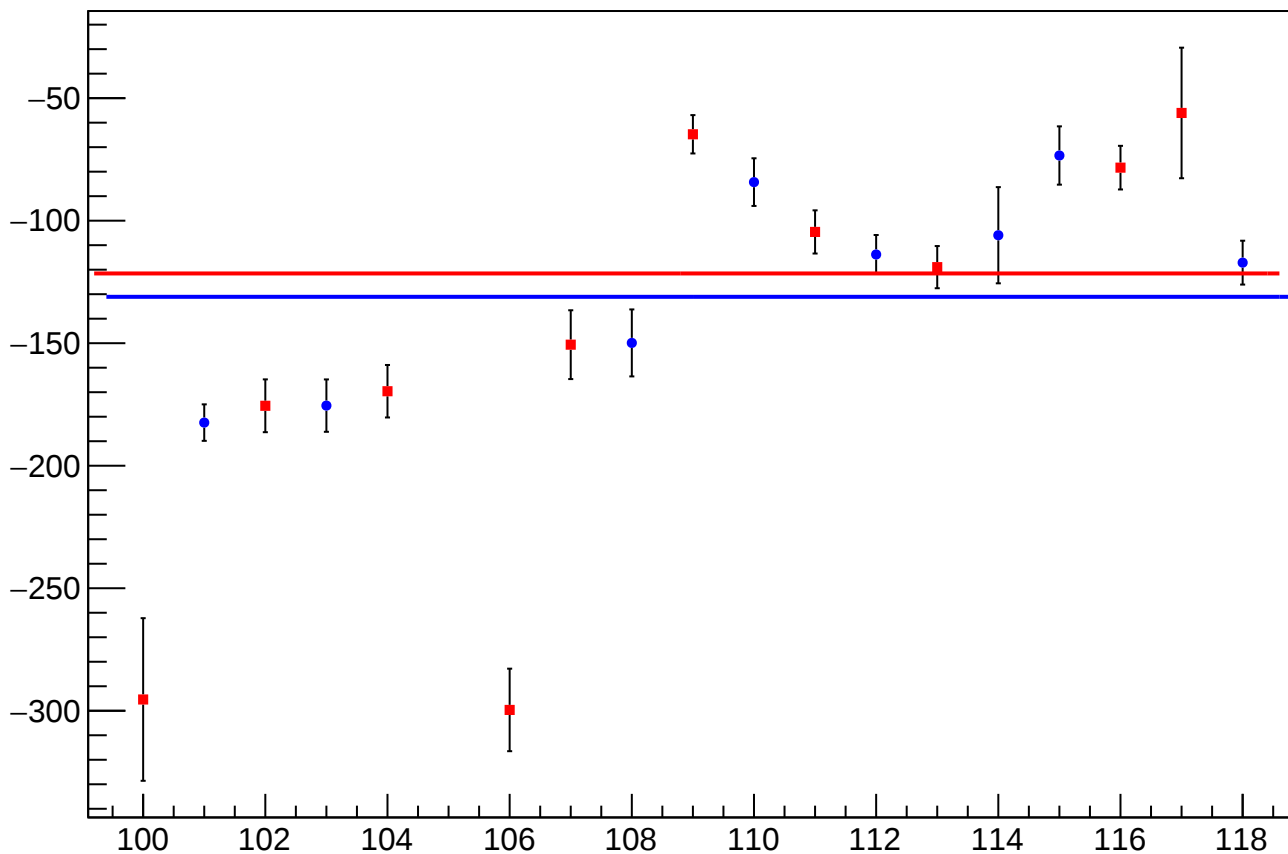
Right Out: 0.161+/-0.019 χ^2/NDF : 651.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.338+/-0.019 χ^2/NDF : 371.2/7

0.161+/-0.019 χ^2/NDF : 651.2/9

reg_asym_sam2_diff_bpm4aX_slope vs Slug



Right In: -131.070+/-3.520 χ^2/NDF : 122.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

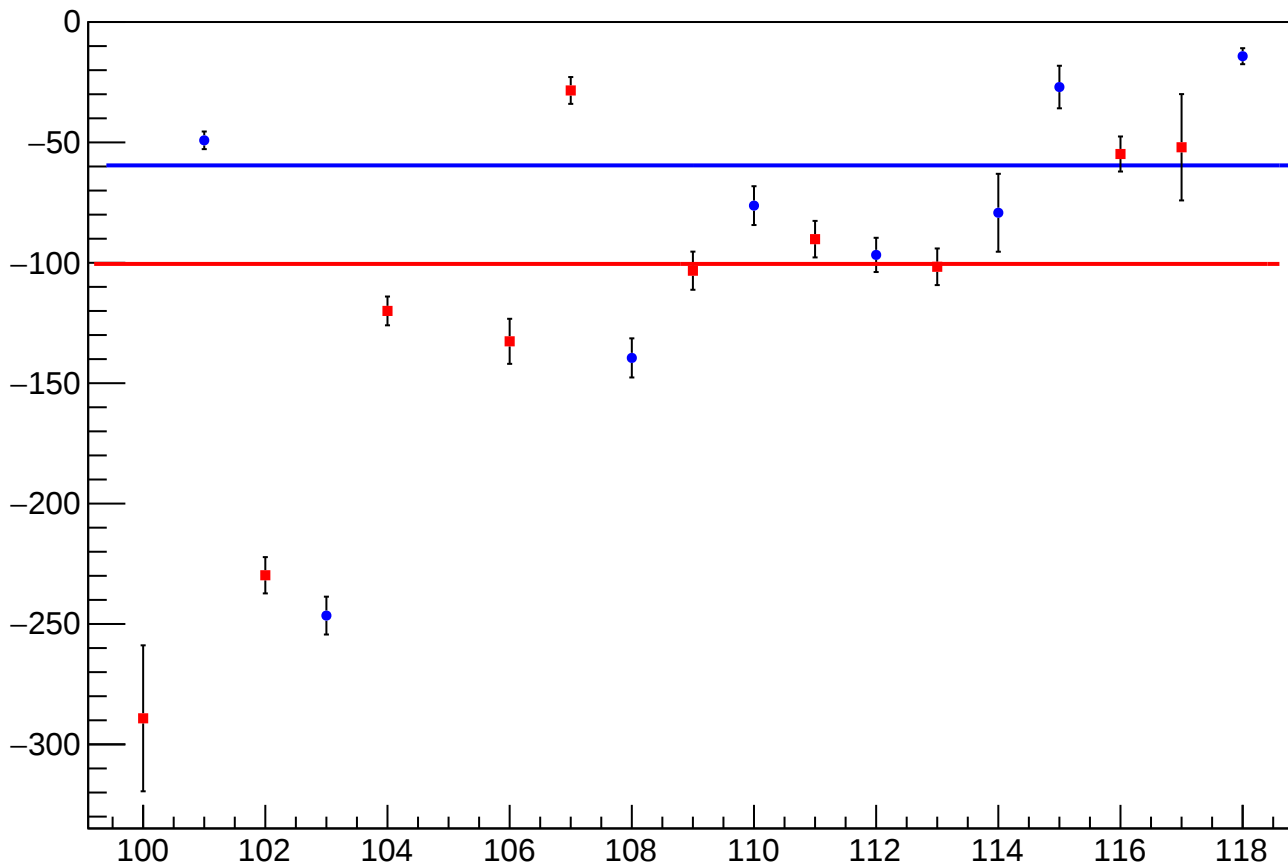
Right Out: -121.536+/-3.459 χ^2/NDF : 274.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-131.070+/-3.520 χ^2/NDF : 122.1/7

-121.536+/-3.459 χ^2/NDF : 274.9/9

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -59.546+/-2.006 χ^2/NDF : 903.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

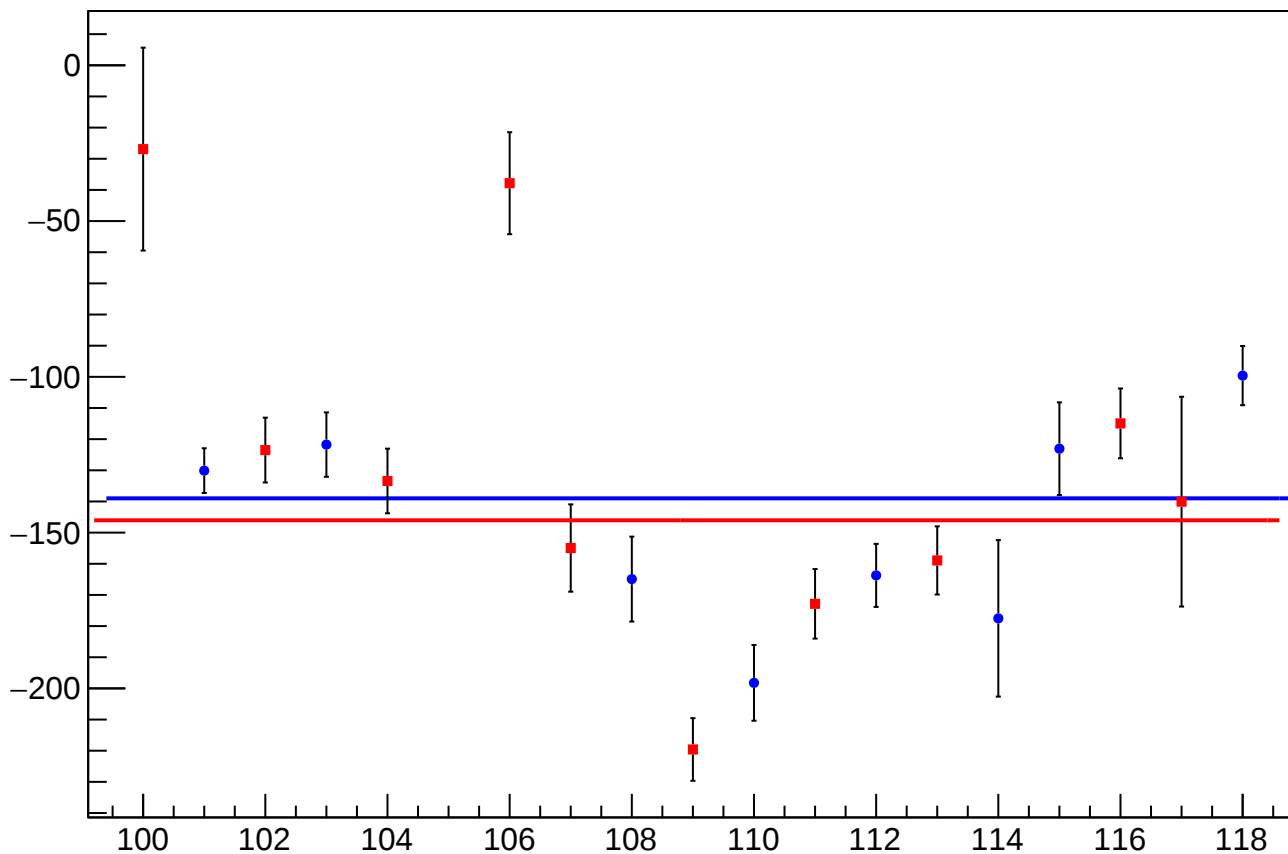
Right Out: -100.466+/-2.486 χ^2/NDF : 569.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-59.546+/-2.006 χ^2/NDF : 903.9/7

-100.466+/-2.486 χ^2/NDF : 569.0/9

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -138.998+/-3.838 χ^2/NDF : 58.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

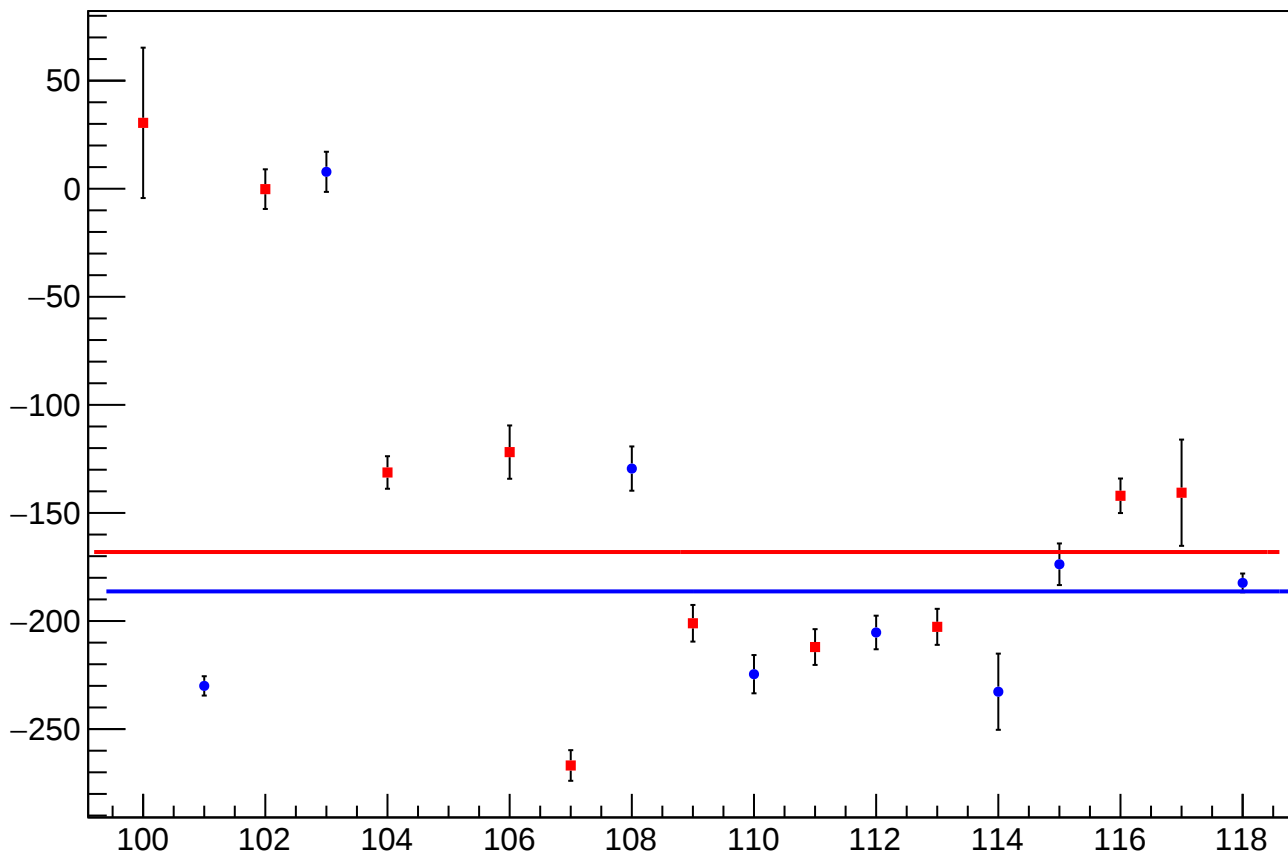
Right Out: -146.048+/-3.971 χ^2/NDF : 132.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-138.998+/-3.838 χ^2/NDF : 58.4/7

-146.048+/-3.971 χ^2/NDF : 132.0/9

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -186.298+/-2.441 χ^2/NDF : 597.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

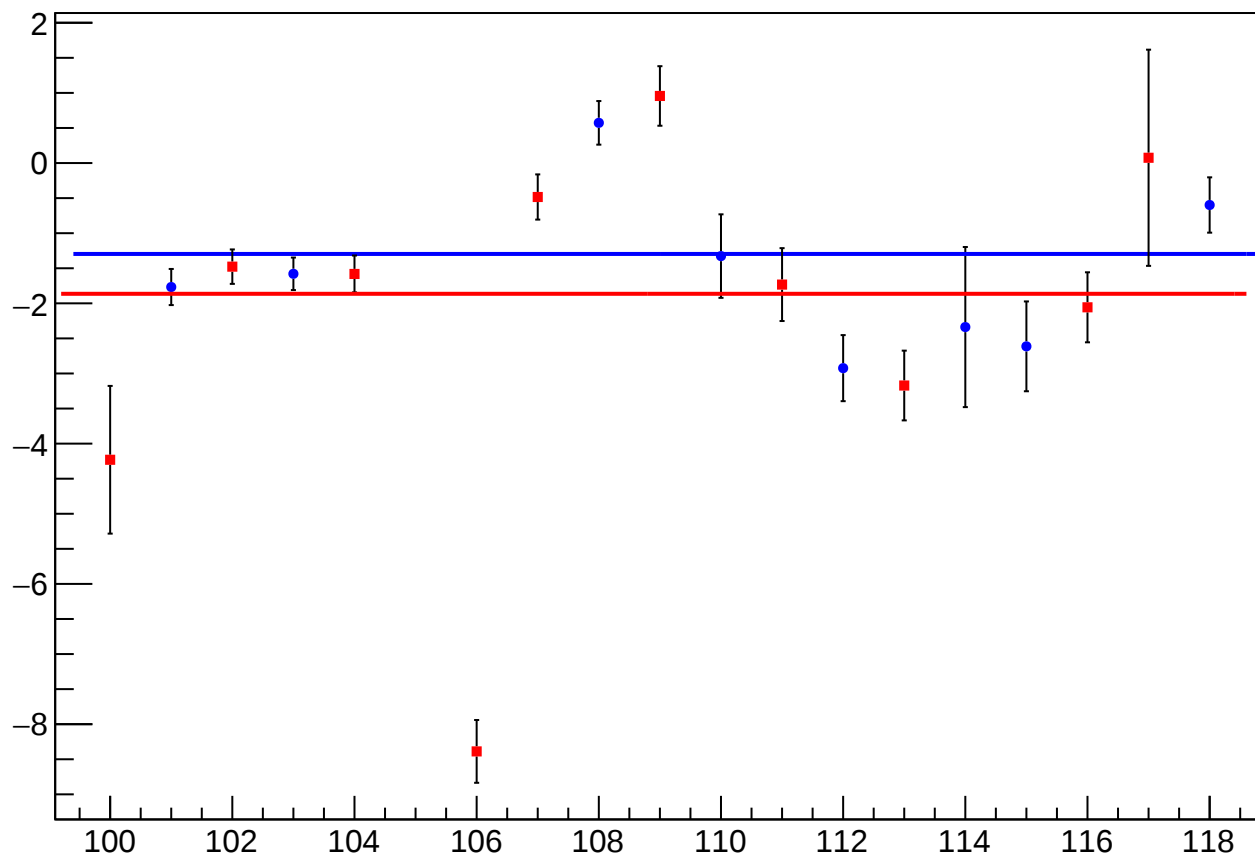
Right Out: -168.078+/-2.923 χ^2/NDF : 672.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-186.298+/-2.441 χ^2/NDF : 597.9/7

-168.078+/-2.923 χ^2/NDF : 672.0/9

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: -1.296 $\pm$ 0.128 χ^2 /NDF: 61.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

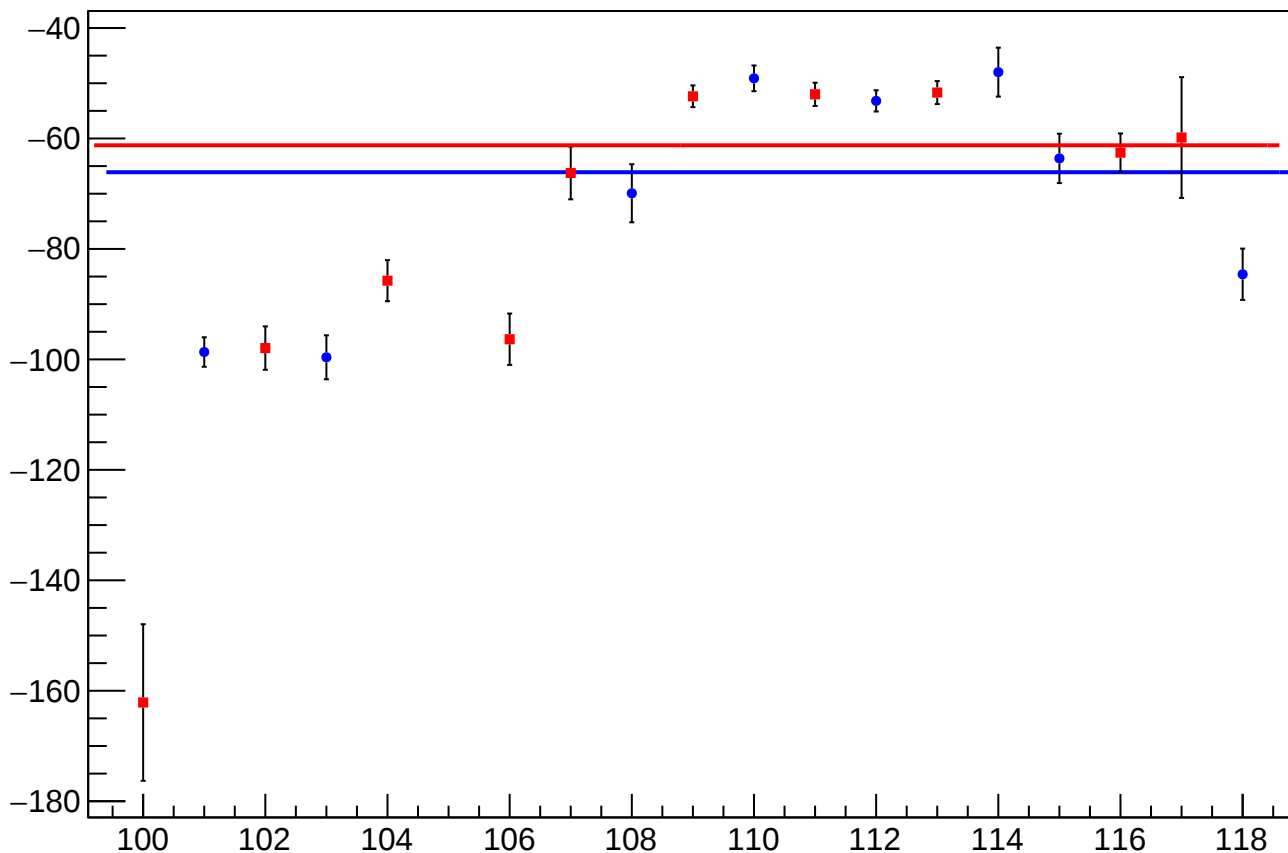
Right Out: -1.864 $\pm$ 0.125 χ^2 /NDF: 292.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1.296 $\pm$ 0.128 χ^2 /NDF: 61.1/7

-1.864 $\pm$ 0.125 χ^2 /NDF: 292.3/9

reg_asym_sam3_diff_bpm4aX_slope vs Slug



Right In: -66.111+/-1.089 χ^2/NDF : 351.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

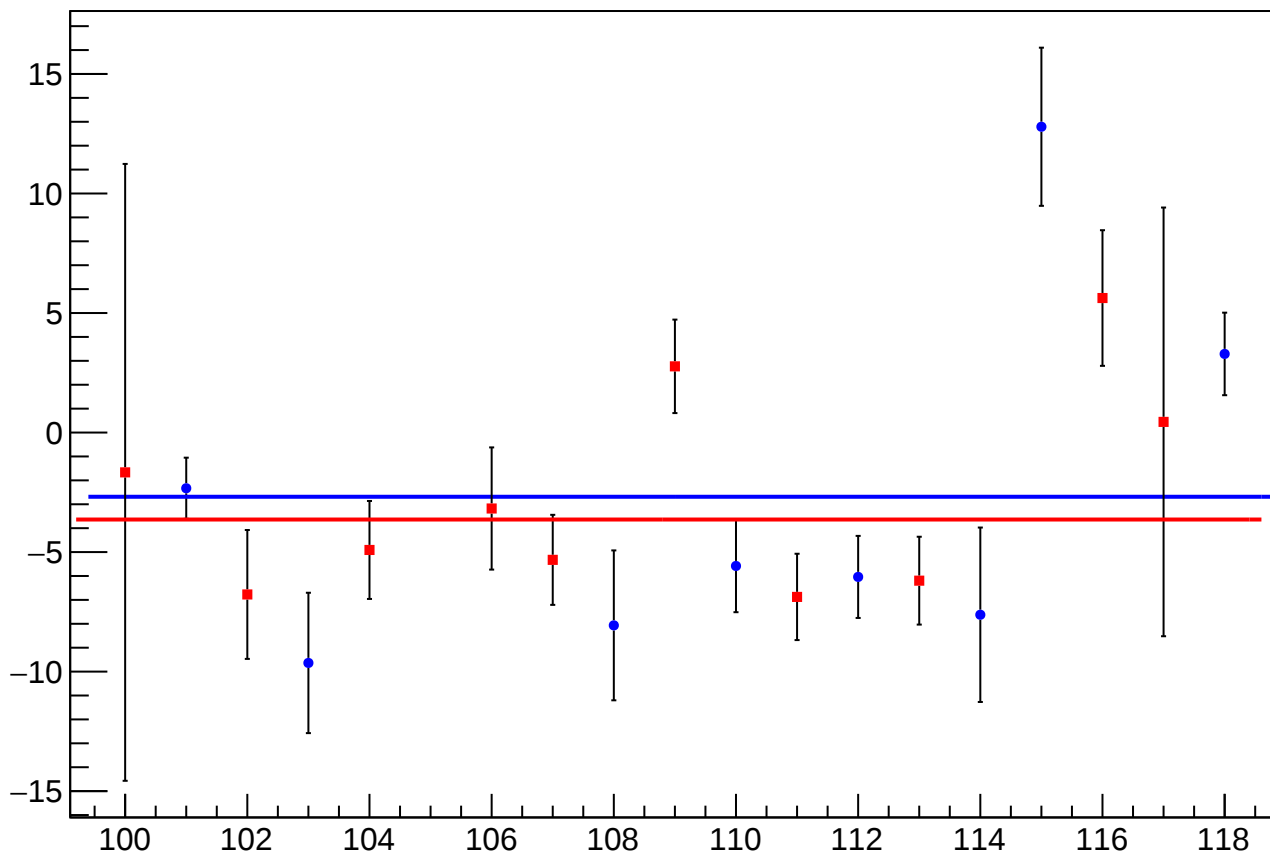
Right Out: -61.237+/-0.981 χ^2/NDF : 300.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-66.111+/-1.089 χ^2/NDF : 351.8/7

-61.237+/-0.981 χ^2/NDF : 300.4/9

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.686+/-0.718 χ^2/NDF : 50.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

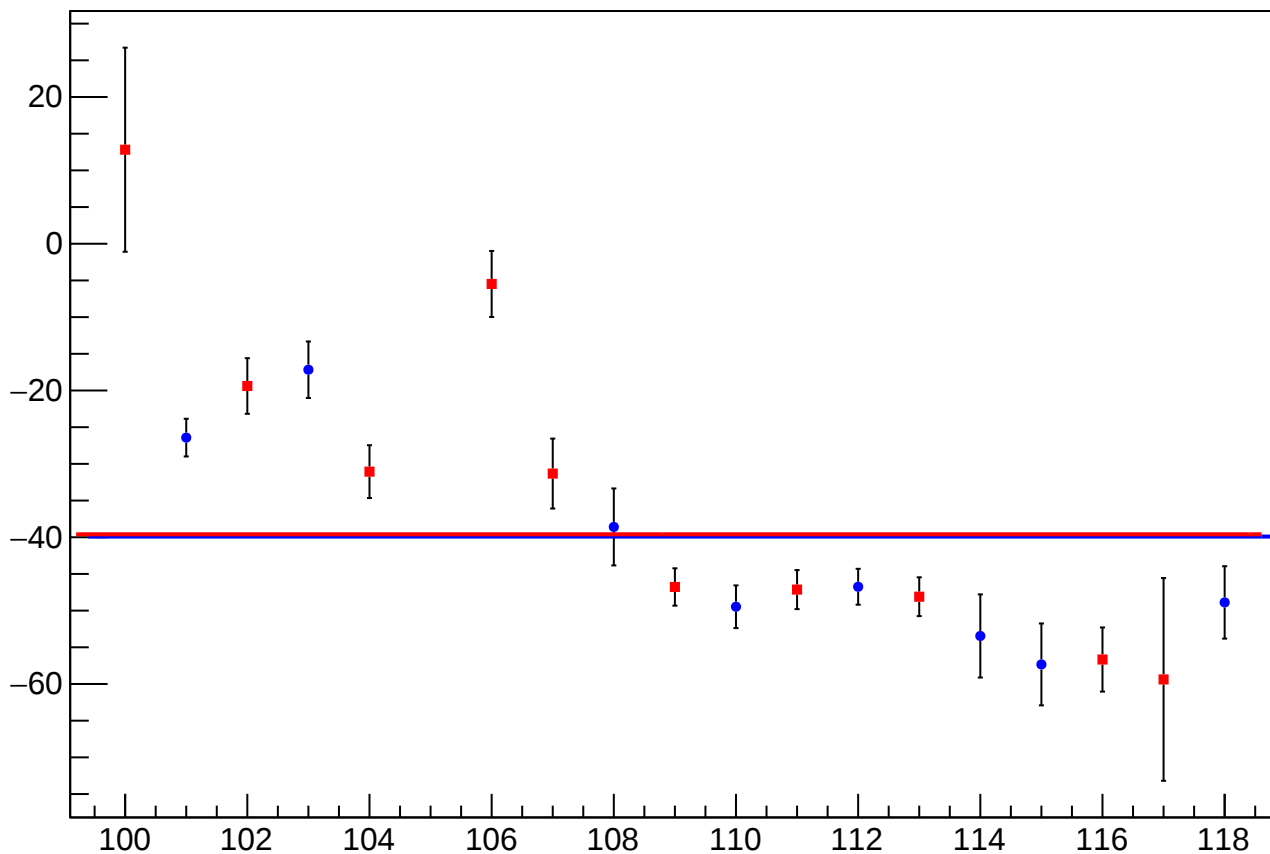
Right Out: -3.638+/-0.742 χ^2/NDF : 29.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.686+/-0.718 χ^2/NDF : 50.4/7

-3.638+/-0.742 χ^2/NDF : 29.4/9

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -39.907 ± 1.245 χ^2/NDF : 99.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

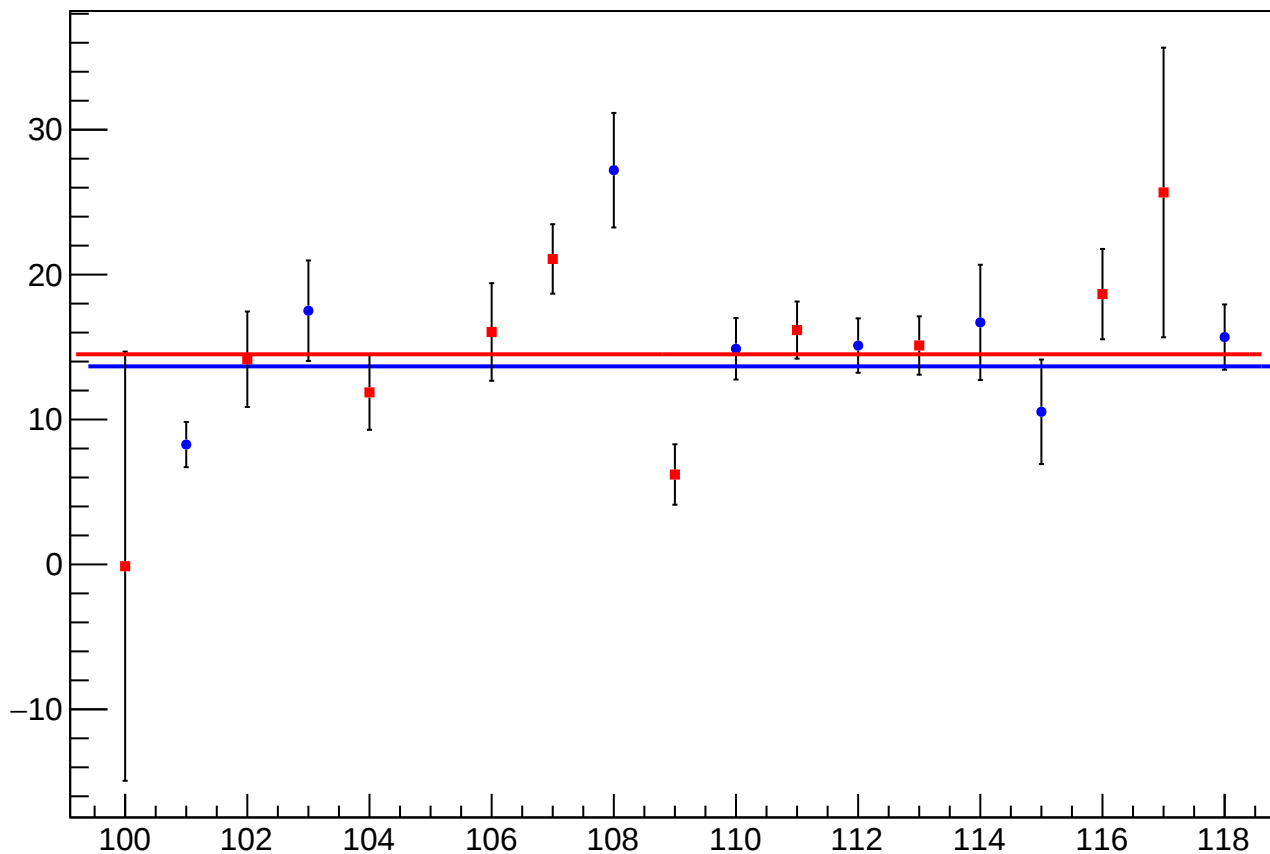
Right Out: -39.599 ± 1.162 χ^2/NDF : 152.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-39.907 ± 1.245 χ^2/NDF : 99.9/7

-39.599 ± 1.162 χ^2/NDF : 152.3/9

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 13.669+/-0.845 χ^2/NDF : 28.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

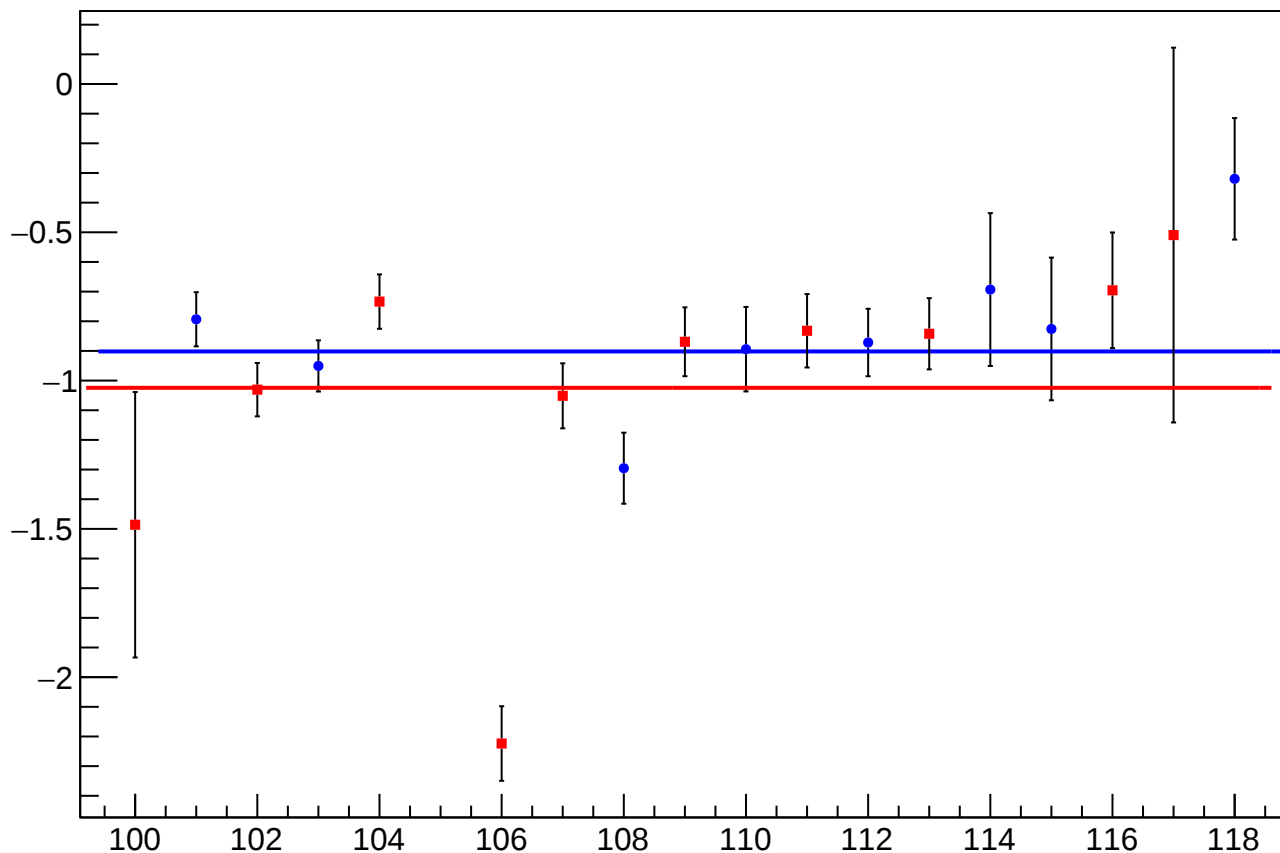
Right Out: 14.501+/-0.859 χ^2/NDF : 29.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

13.669+/-0.845 χ^2/NDF : 28.0/7

14.501+/-0.859 χ^2/NDF : 29.4/9

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.902 ± 0.044 $\chi^2/\text{NDF}: 21.4/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

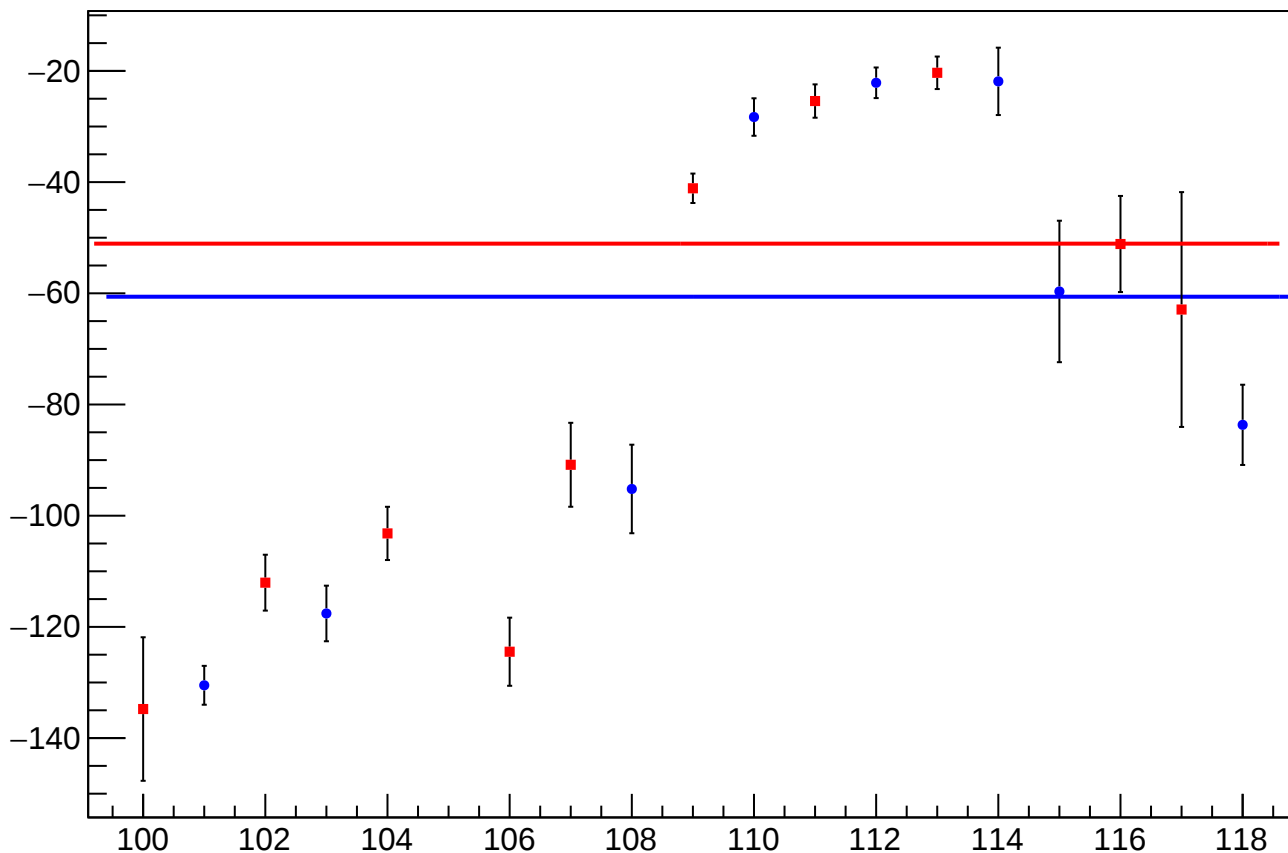
Right Out: -1.024 ± 0.040 $\chi^2/\text{NDF}: 112.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-0.902 ± 0.044 $\chi^2/\text{NDF}: 21.4/7$

-1.024 ± 0.040 $\chi^2/\text{NDF}: 112.2/9$

reg_asym_sam4_diff_bpm4aX_slope vs Slug



Right In: -60.613+/-1.561 χ^2/NDF : 886.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

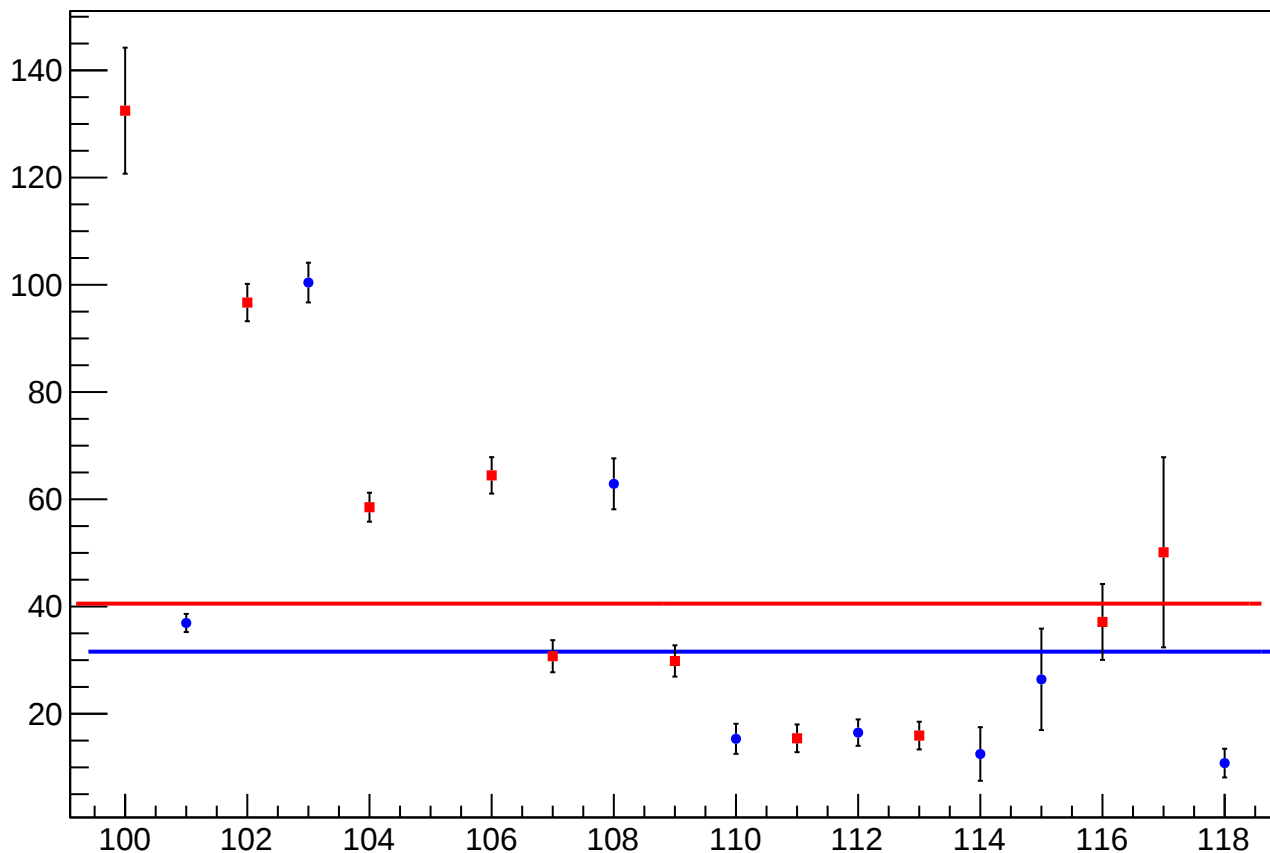
Right Out: -51.068+/-1.387 χ^2/NDF : 677.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-60.613+/-1.561 χ^2/NDF : 886.7/7

-51.068+/-1.387 χ^2/NDF : 677.1/9

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 31.585+/-1.026 χ^2/NDF : 545.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

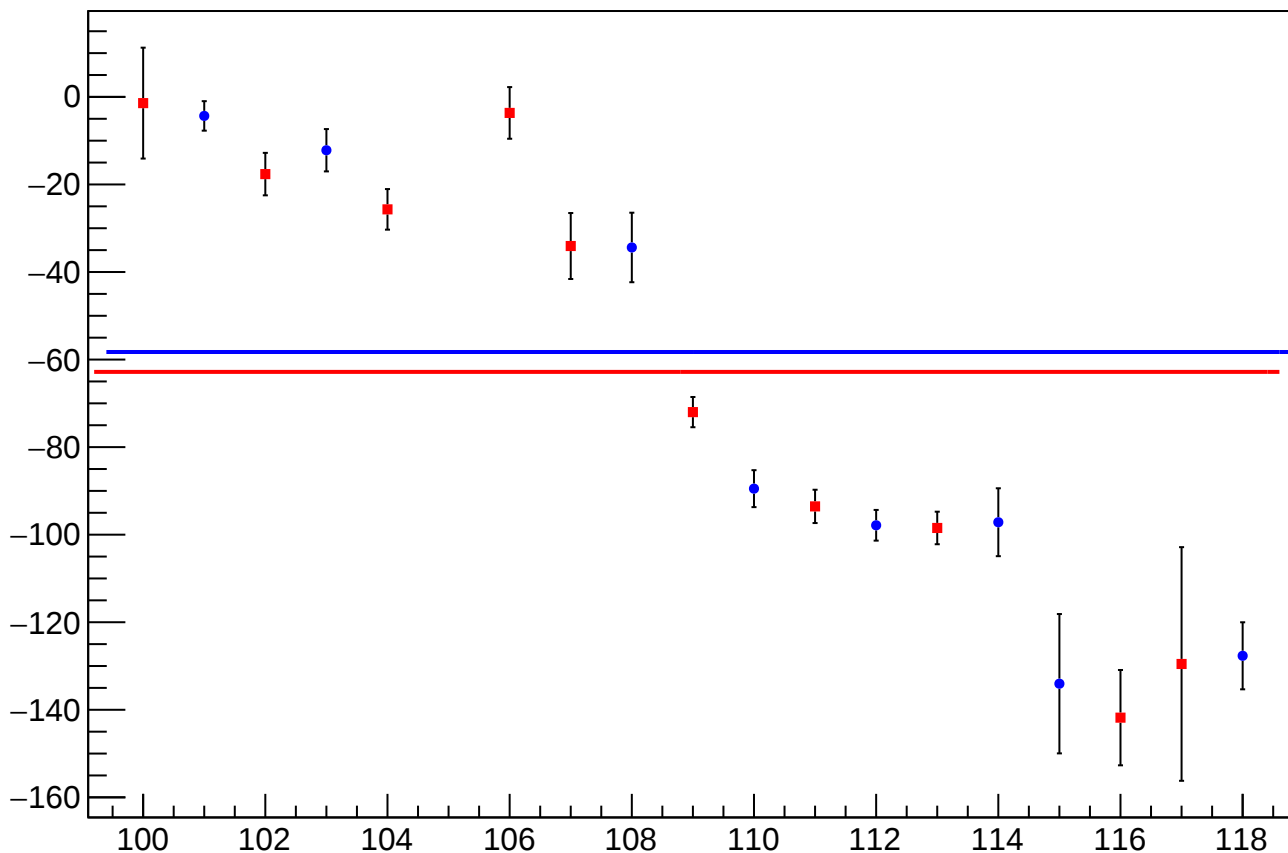
Right Out: 40.541+/-1.076 χ^2/NDF : 624.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

31.585+/-1.026 χ^2/NDF : 545.1/7

40.541+/-1.076 χ^2/NDF : 624.4/9

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -58.271+/-1.763 χ^2/NDF : 668.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

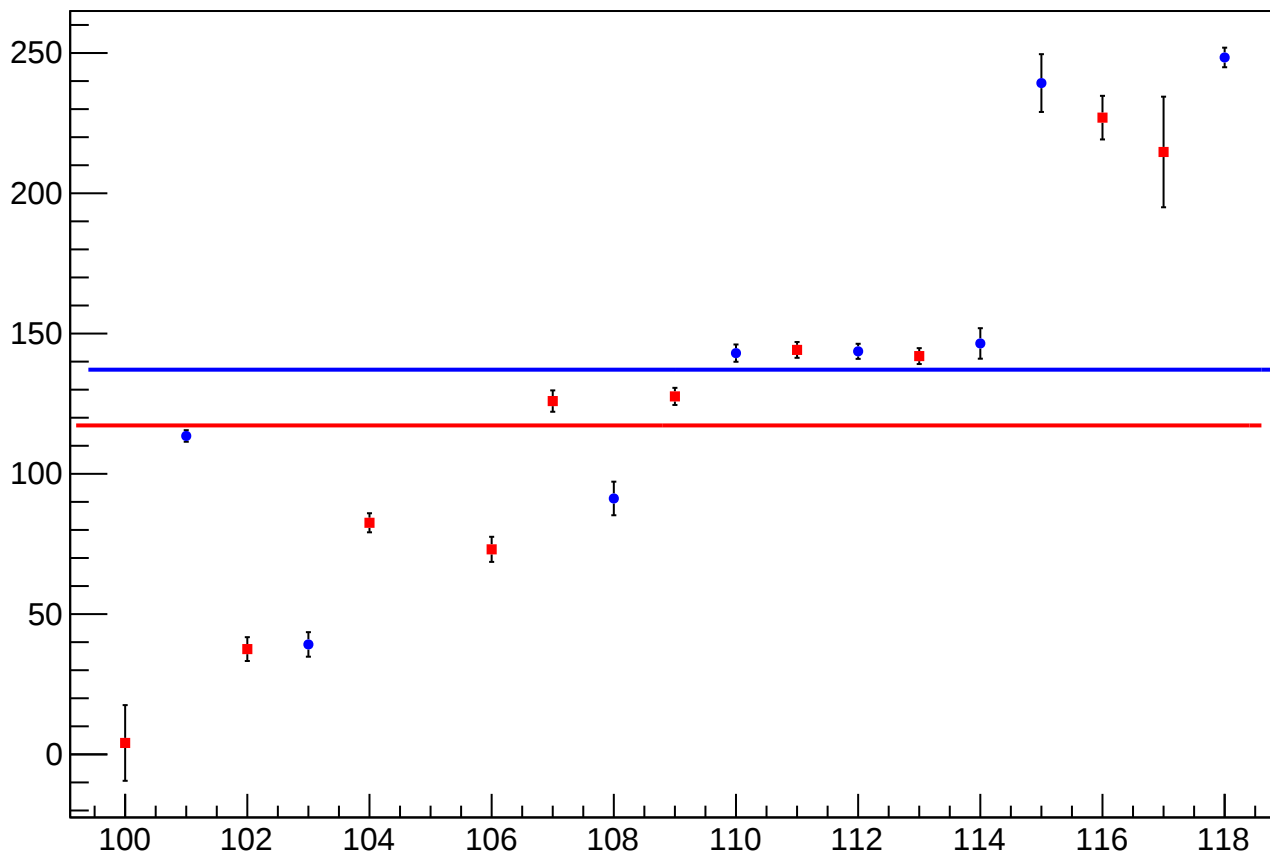
Right Out: -62.815+/-1.629 χ^2/NDF : 512.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-58.271+/-1.763 χ^2/NDF : 668.3/7

-62.815+/-1.629 χ^2/NDF : 512.6/9

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 137.125 $\pm$ 1.209 χ^2 /NDF: 1819.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

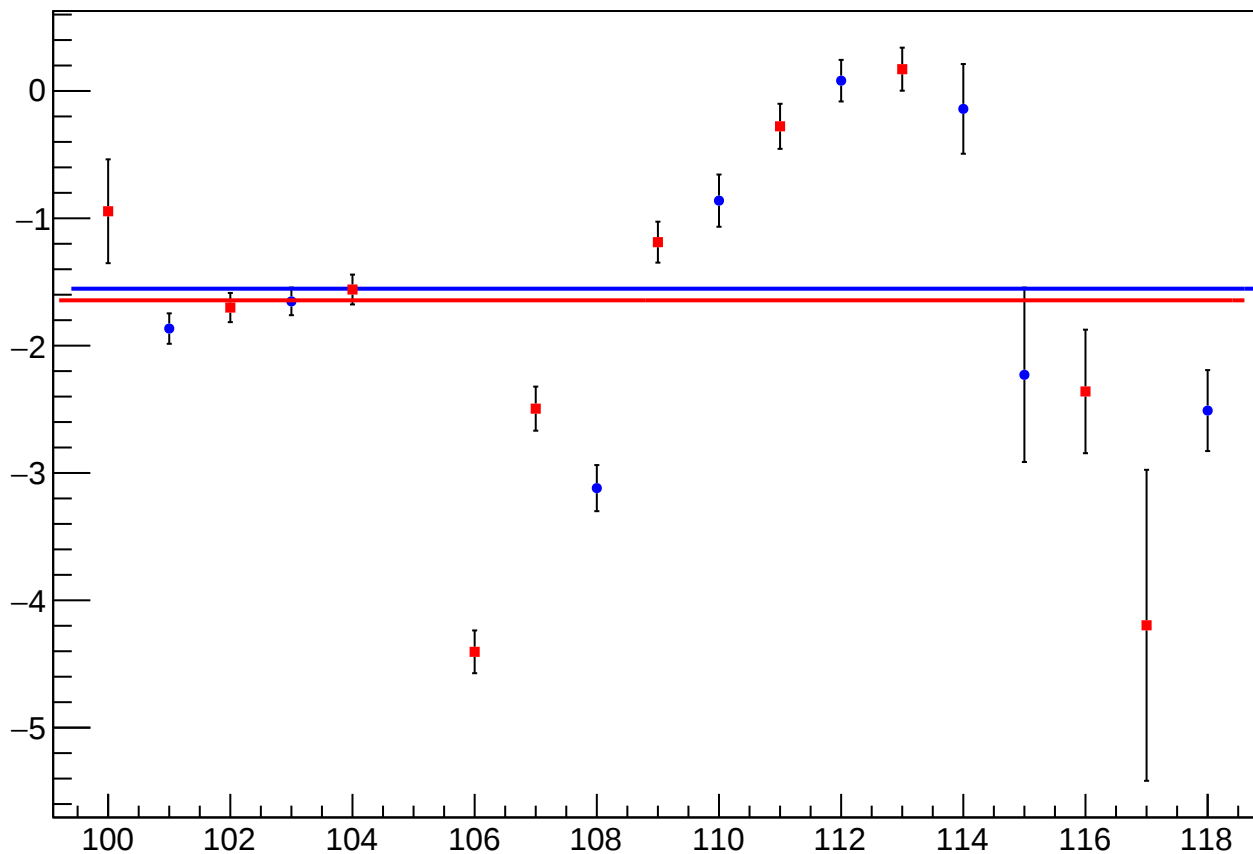
Right Out: 117.252 $\pm$ 1.246 χ^2 /NDF: 1032.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

137.125 $\pm$ 1.209 χ^2 /NDF: 1819.6/7

117.252 $\pm$ 1.246 χ^2 /NDF: 1032.2/9

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.553+/-0.061 χ^2/NDF : 220.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

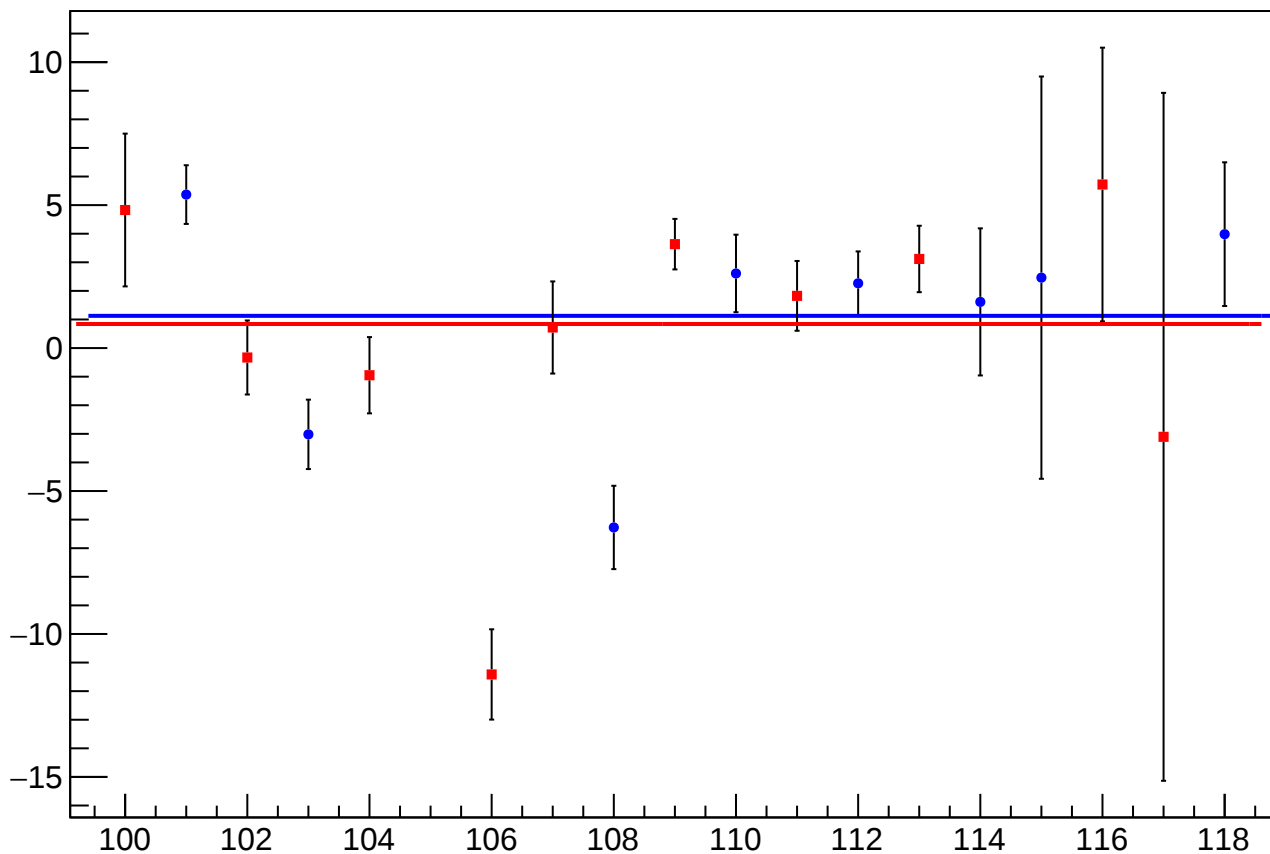
Right Out: -1.644+/-0.055 χ^2/NDF : 487.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.553+/-0.061 χ^2/NDF : 220.1/7

-1.644+/-0.055 χ^2/NDF : 487.5/9

reg_asym_sam5_diff_bpm4aX_slope vs Slug



Right In: 1.127+/-0.515 χ^2/NDF : 58.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

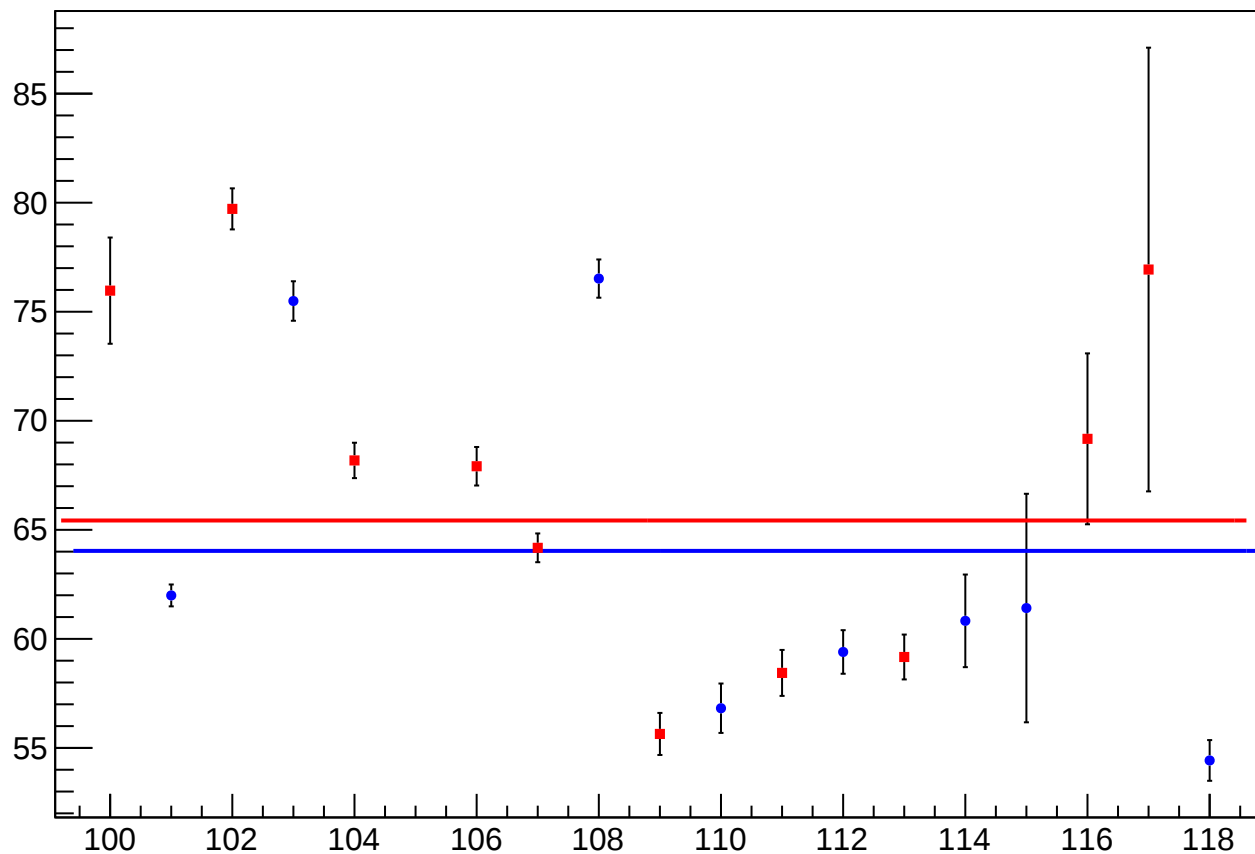
Right Out: 0.842+/-0.455 χ^2/NDF : 80.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.127+/-0.515 χ^2/NDF : 58.1/7

0.842+/-0.455 χ^2/NDF : 80.7/9

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 64.034+/-0.321 χ^2 /NDF: 550.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

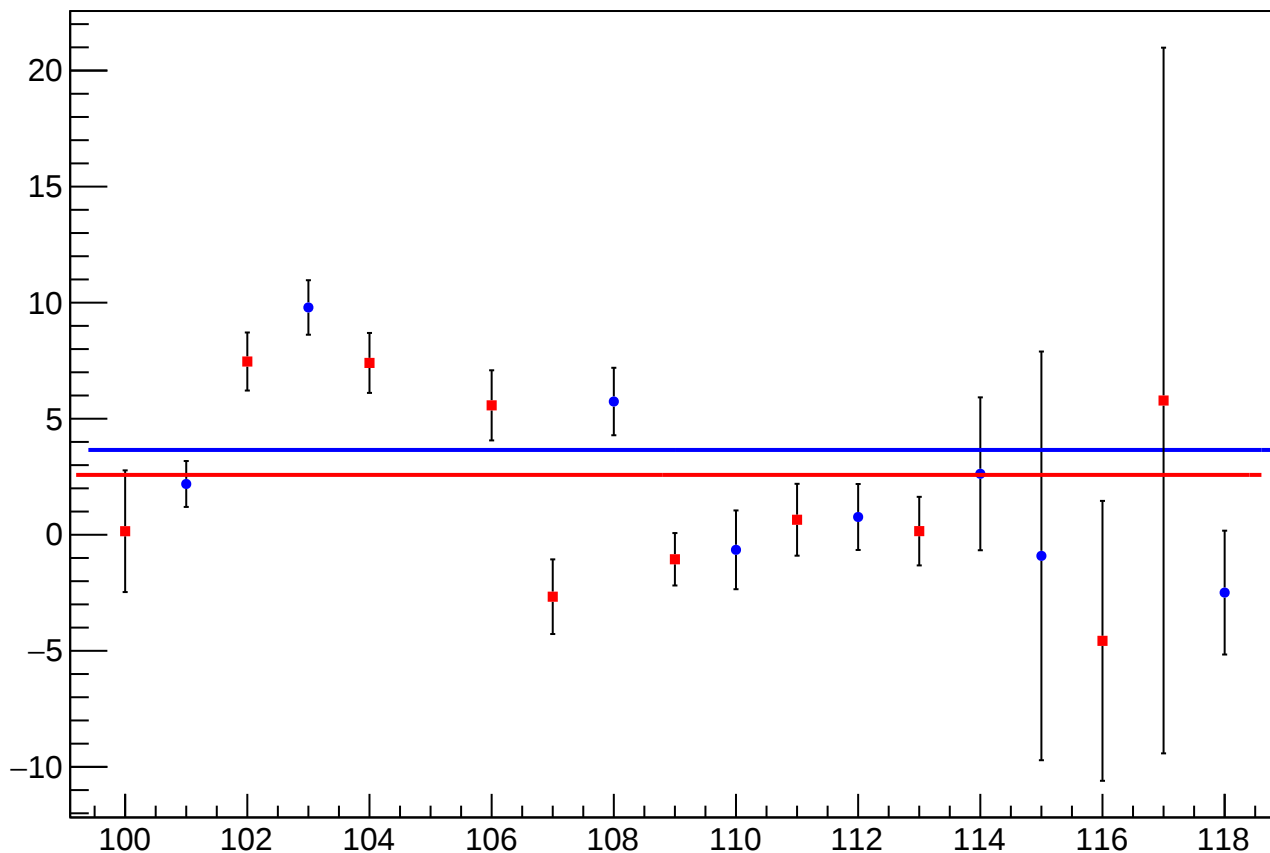
Right Out: 65.428+/-0.326 χ^2 /NDF: 458.3/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

64.034+/-0.321 χ^2 /NDF: 550.1/7

65.428+/-0.326 χ^2 /NDF: 458.3/9

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 3.654+/-0.550 χ^2/NDF : 47.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

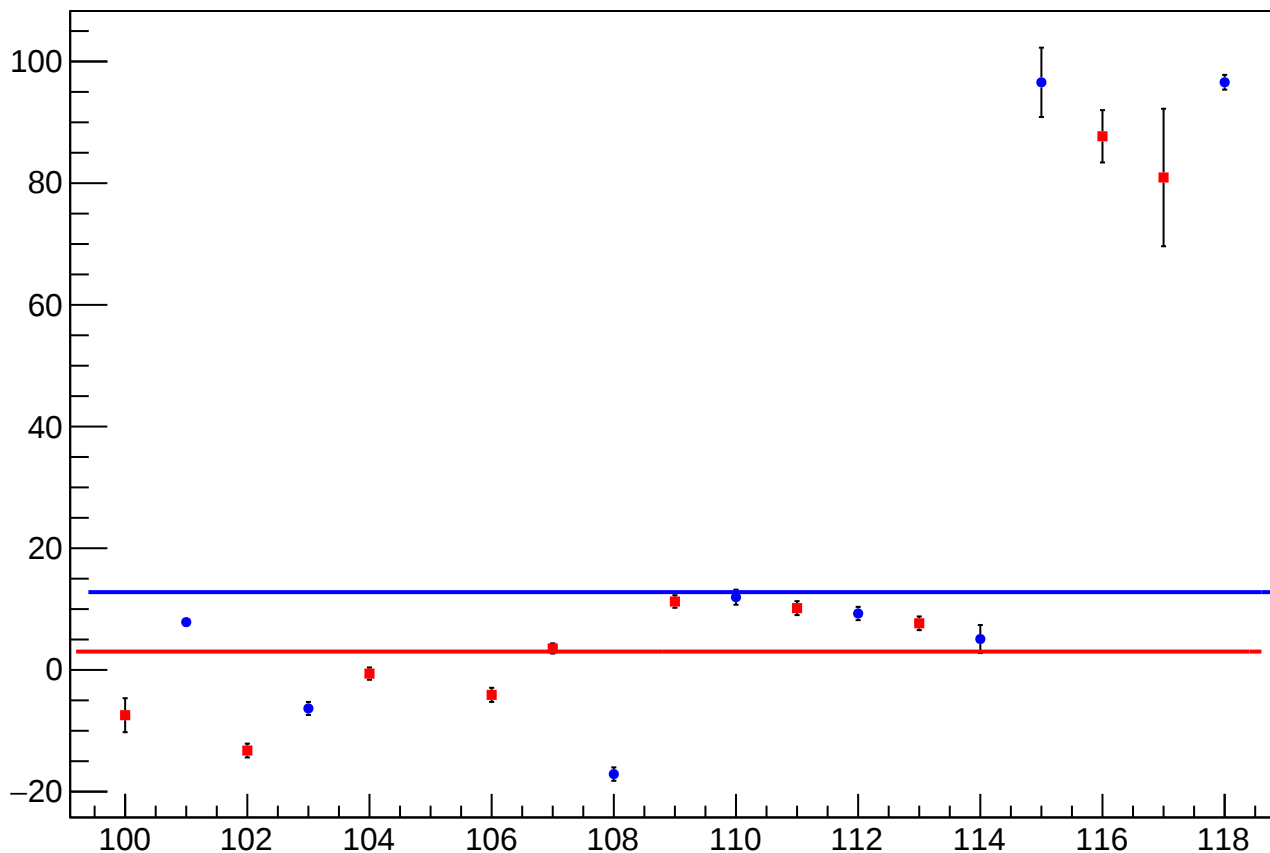
Right Out: 2.579+/-0.506 χ^2/NDF : 60.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.654+/-0.550 χ^2/NDF : 47.8/7

2.579+/-0.506 χ^2/NDF : 60.7/9

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 12.788+/-0.385 χ^2/NDF : 6119.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

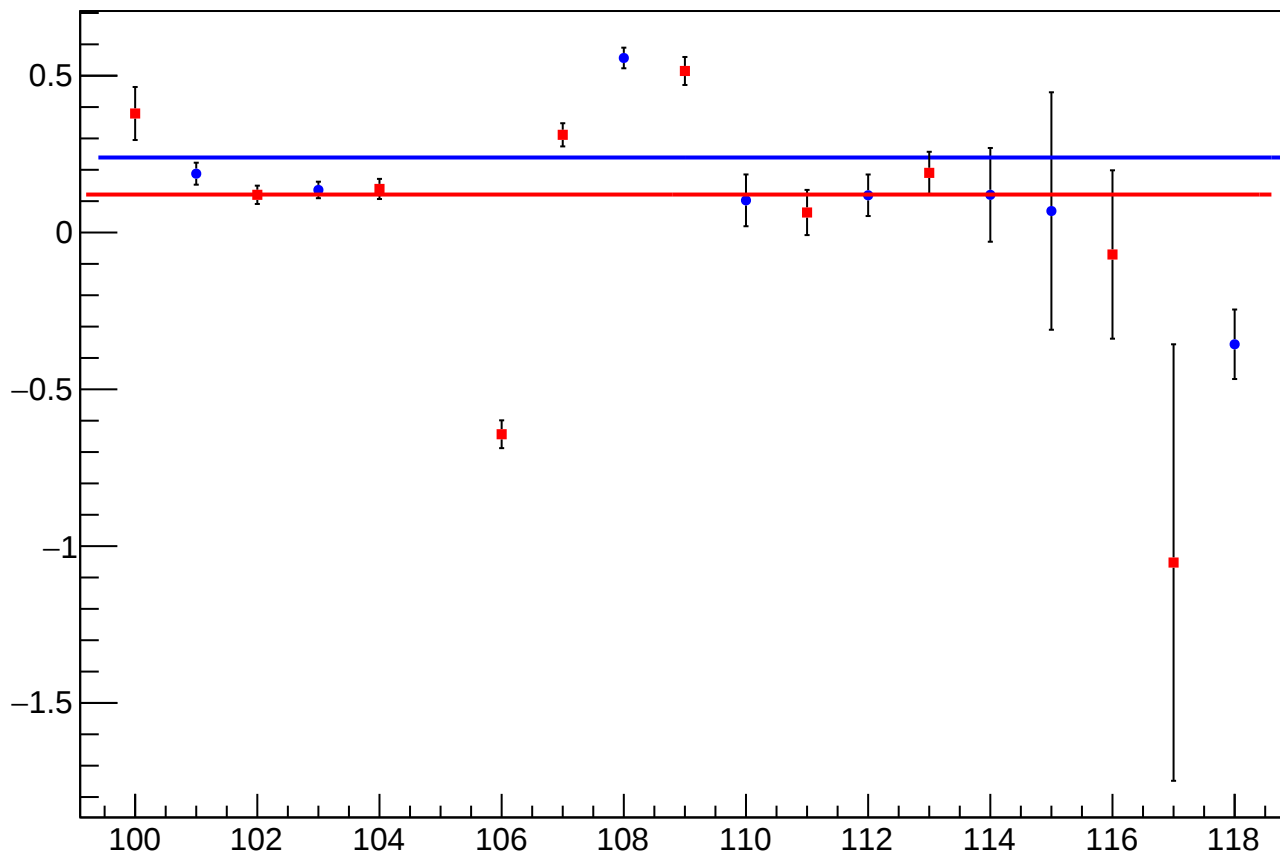
Right Out: 3.020+/-0.389 χ^2/NDF : 824.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

12.788+/-0.385 χ^2/NDF : 6119.9/7

3.020+/-0.389 χ^2/NDF : 824.8/9

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.239 $\pm$ 0.016 χ^2 /NDF: 146.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

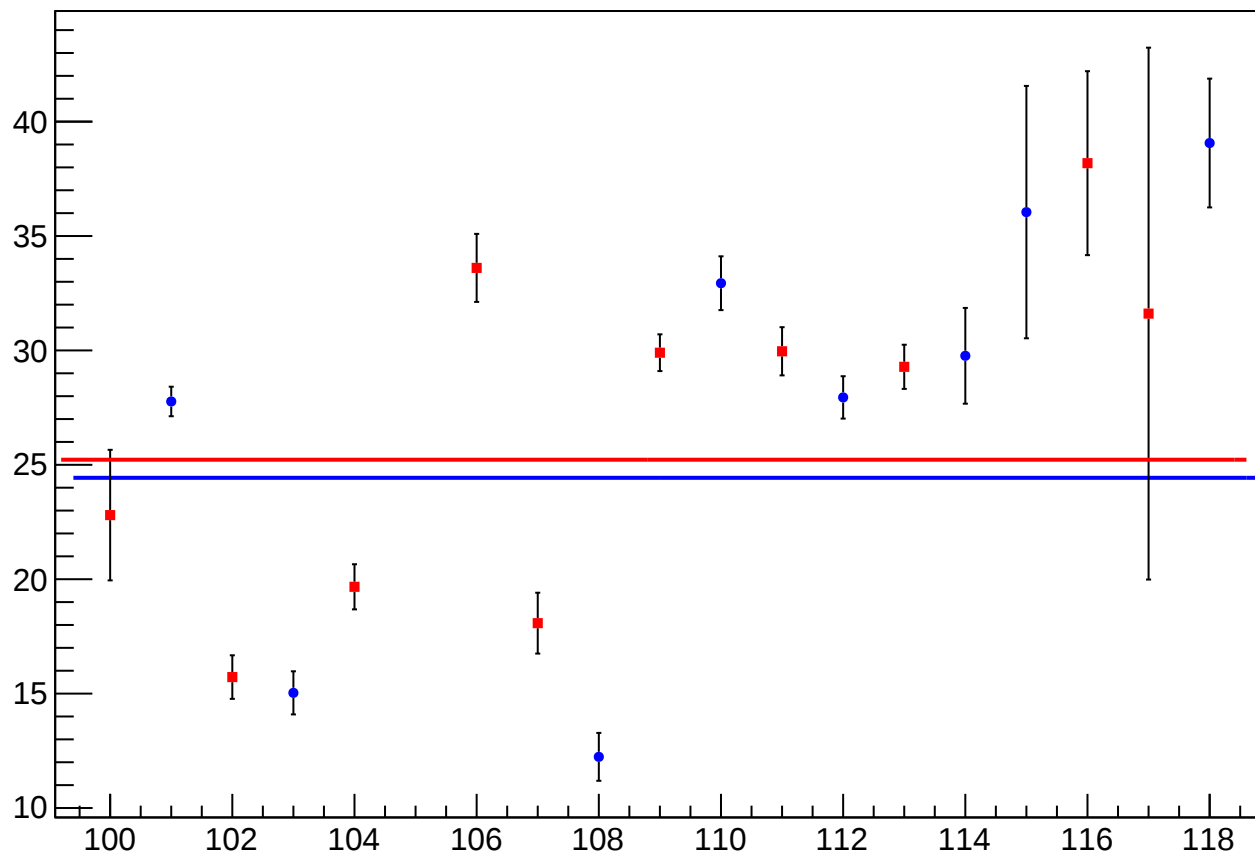
Right Out: 0.121 $\pm$ 0.015 χ^2 /NDF: 416.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.239 $\pm$ 0.016 χ^2 /NDF: 146.7/7

0.121 $\pm$ 0.015 χ^2 /NDF: 416.4/9

reg_asym_sam6_diff_bpm4aX_slope vs Slug



Right In: 24.432+/-0.386 χ^2/NDF : 366.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

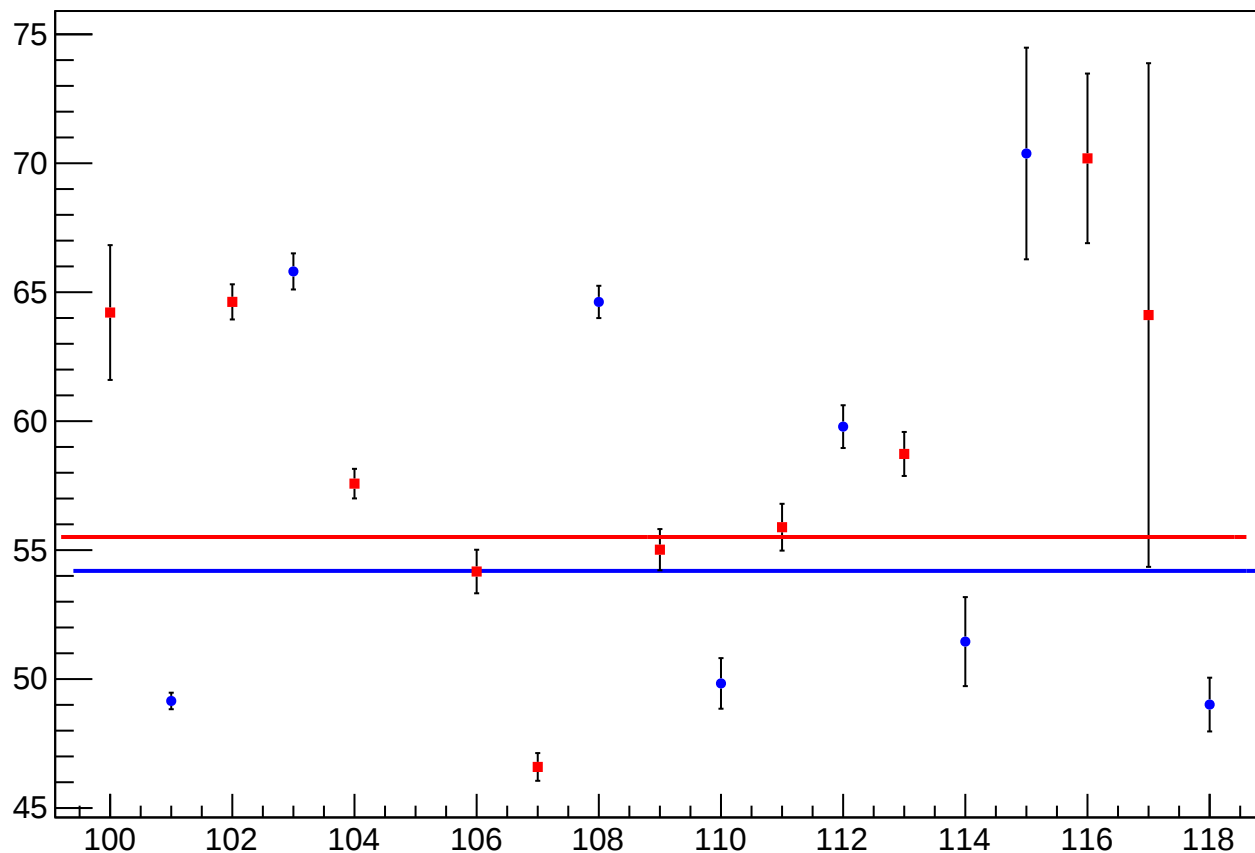
Right Out: 25.223+/-0.382 χ^2/NDF : 275.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.432+/-0.386 χ^2/NDF : 366.8/7

25.223+/-0.382 χ^2/NDF : 275.3/9

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 54.194+/-0.235 χ^2/NDF : 908.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

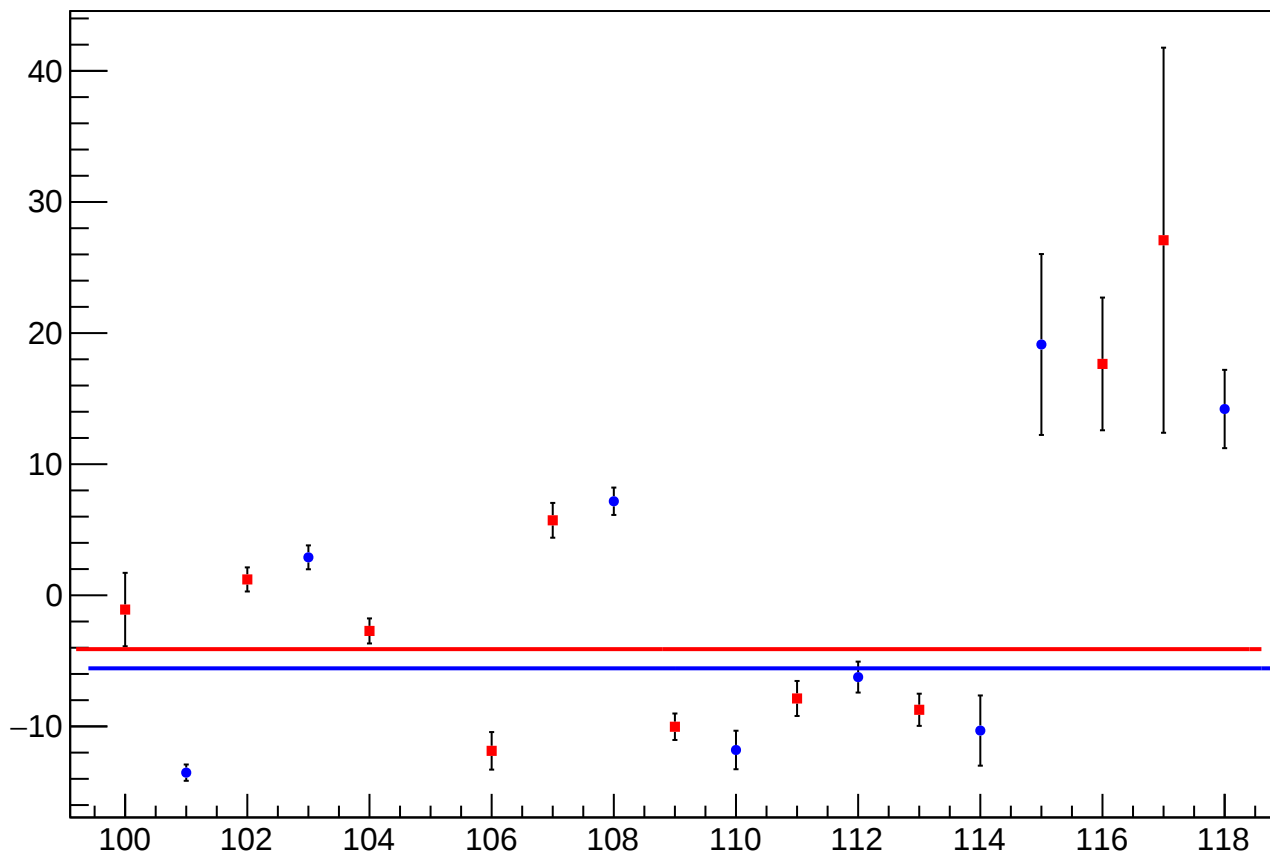
Right Out: 55.509+/-0.263 χ^2/NDF : 516.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.194+/-0.235 χ^2/NDF : 908.4/7

55.509+/-0.263 χ^2/NDF : 516.1/9

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -5.571+/-0.403 χ^2/NDF : 477.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

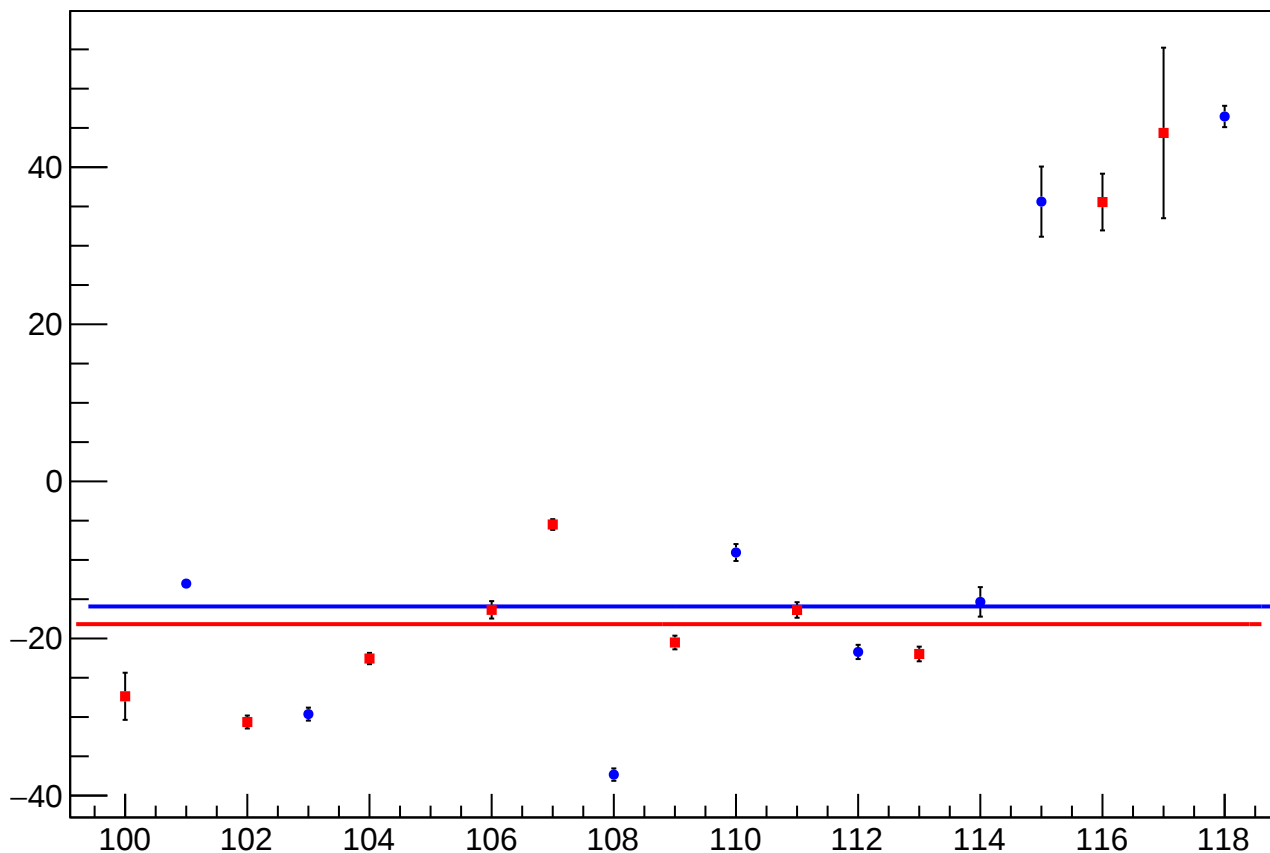
Right Out: -4.107+/-0.418 χ^2/NDF : 200.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.571+/-0.403 χ^2/NDF : 477.4/7

-4.107+/-0.418 χ^2/NDF : 200.4/9

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -15.923 ± 0.282 χ^2/NDF : 3391.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

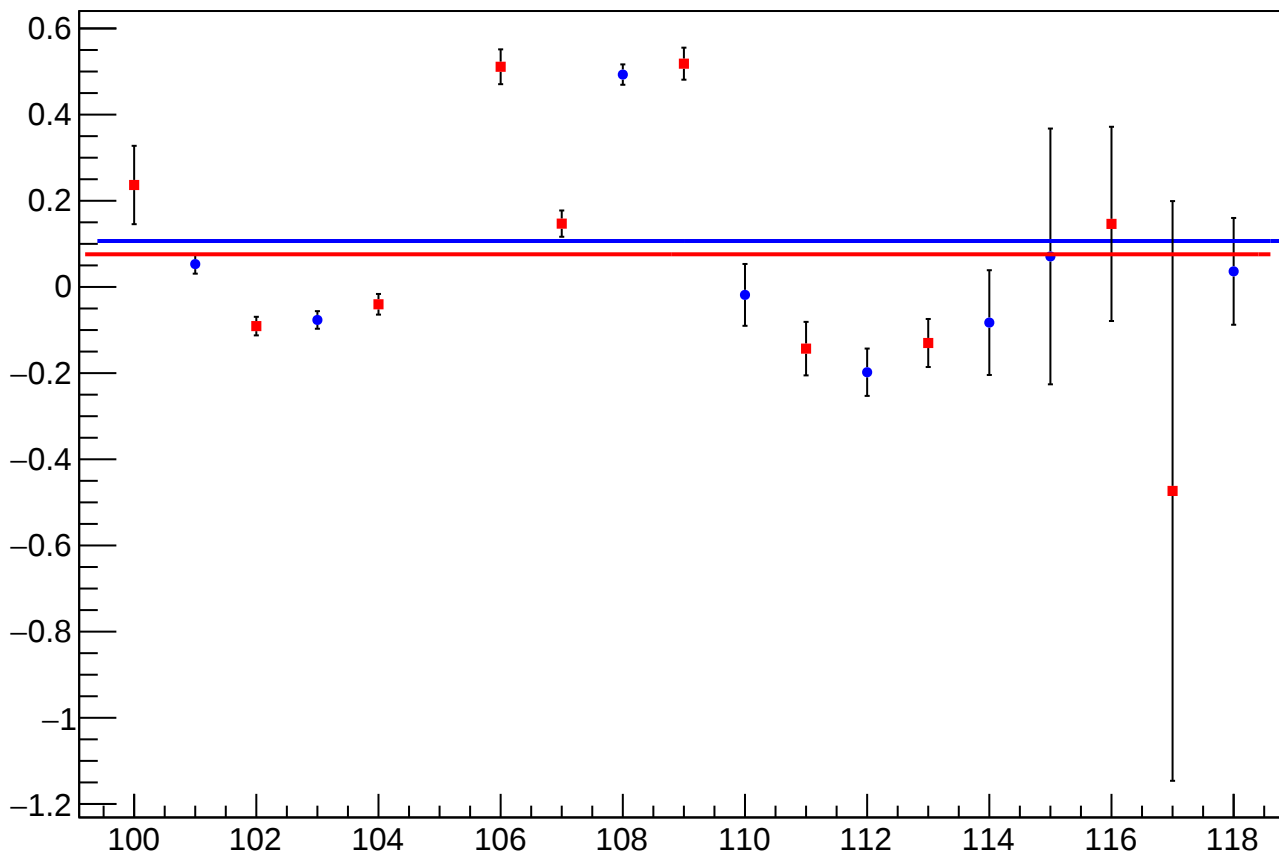
Right Out: -18.176 ± 0.316 χ^2/NDF : 903.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-15.923 ± 0.282 χ^2/NDF : 3391.4/7

-18.176 ± 0.316 χ^2/NDF : 903.9/9

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.107 $\pm$ 0.012 χ^2 /NDF: 389.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

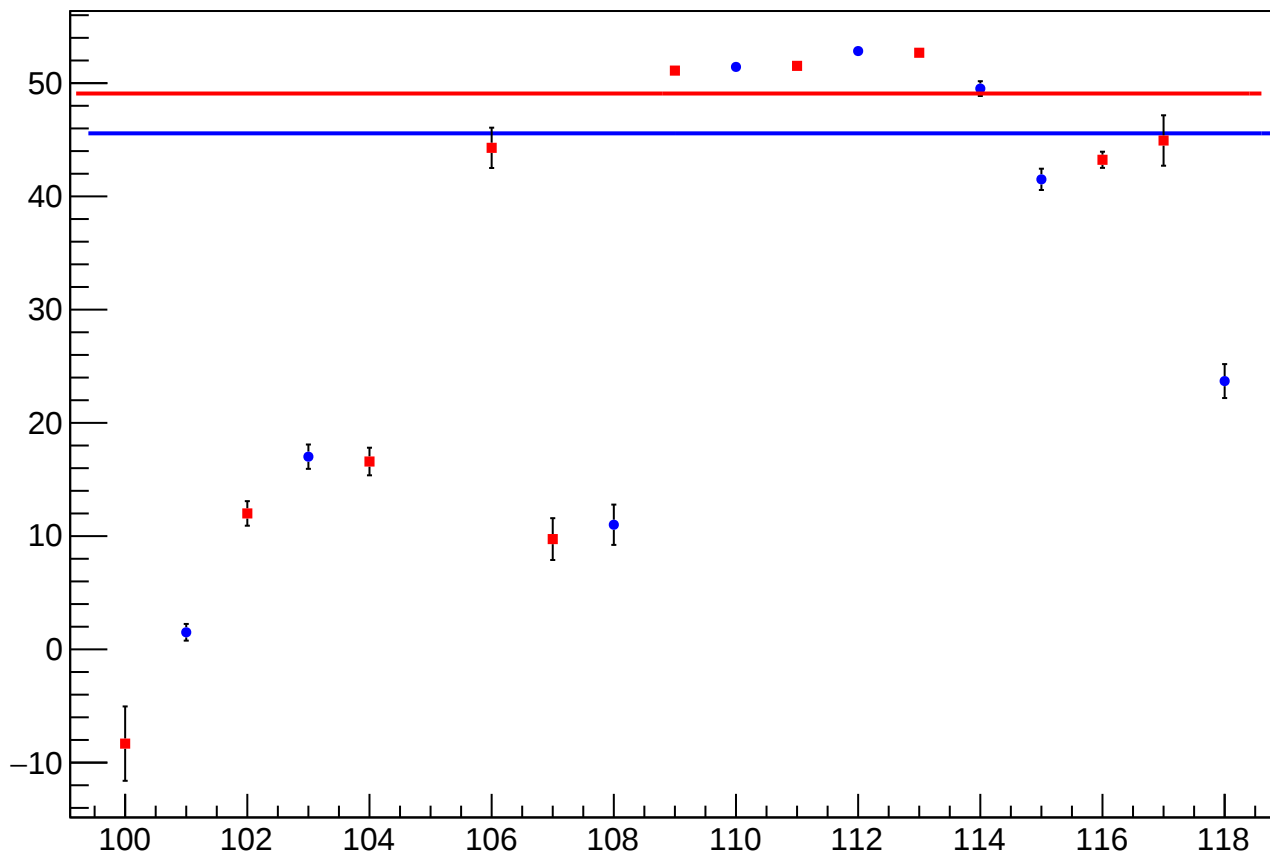
Right Out: 0.076 $\pm$ 0.012 χ^2 /NDF: 376.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.107 $\pm$ 0.012 χ^2 /NDF: 389.4/7

0.076 $\pm$ 0.012 χ^2 /NDF: 376.4/9

reg_asym_sam7_diff_bpm4aX_slope vs Slug



Right In: 45.567 $\pm$ 0.200 χ^2 /NDF: 5756.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

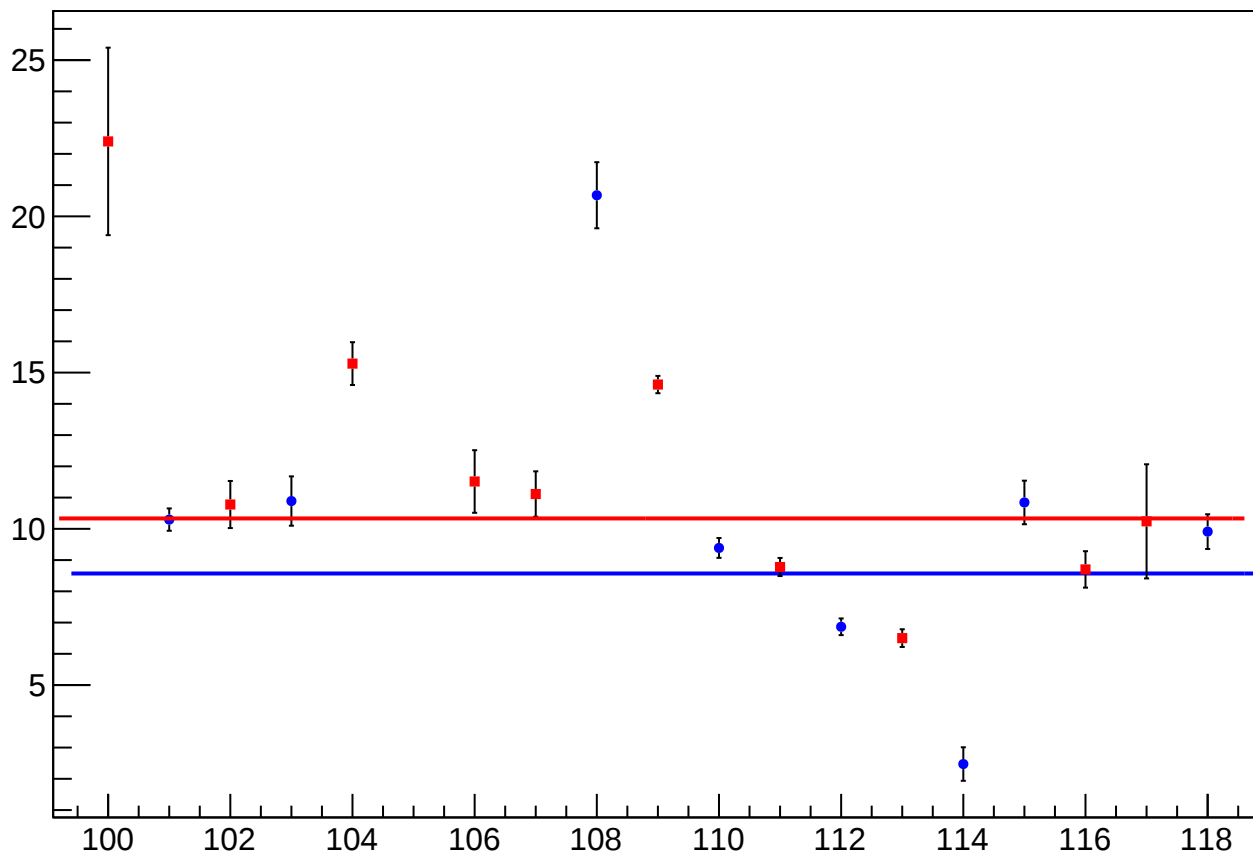
Right Out: 49.084 $\pm$ 0.165 χ^2 /NDF: 2952.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

45.567 $\pm$ 0.200 χ^2 /NDF: 5756.1/7

49.084 $\pm$ 0.165 χ^2 /NDF: 2952.0/9

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 8.571+/-0.152 χ^2/NDF : 356.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

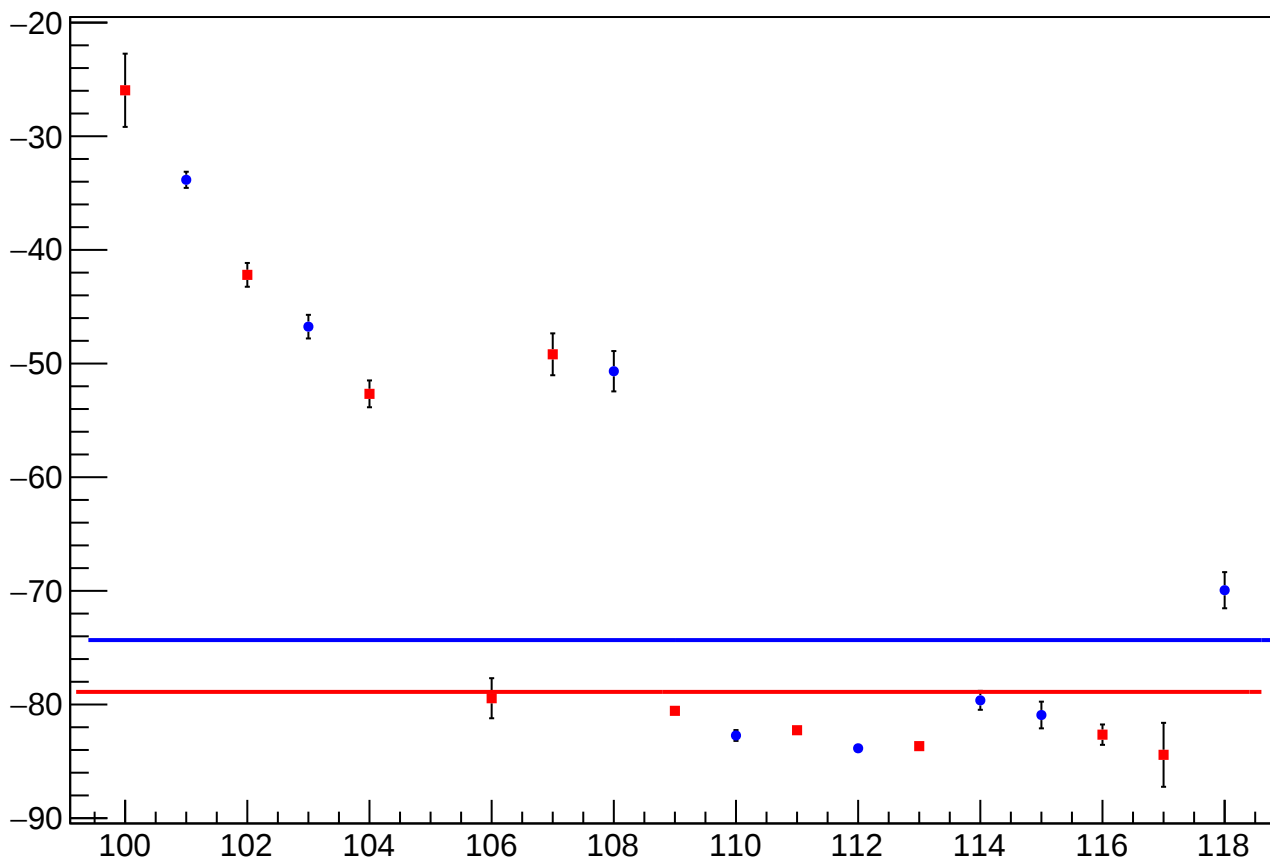
Right Out: 10.332+/-0.145 χ^2/NDF : 529.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.571+/-0.152 χ^2/NDF : 356.1/7

10.332+/-0.145 χ^2/NDF : 529.6/9

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -74.331+/-0.242 χ^2/NDF : 5153.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

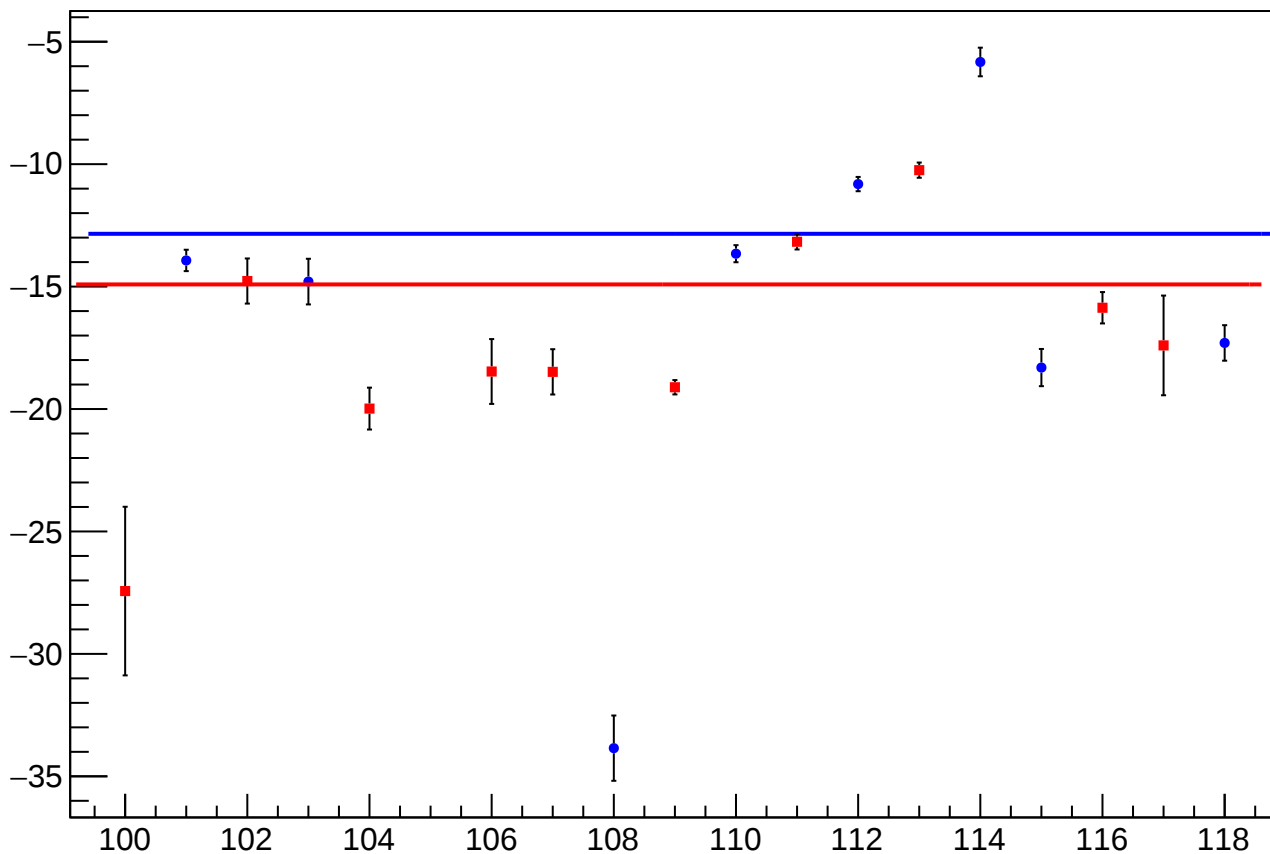
-74.331+/-0.242 χ^2/NDF : 5153.0/7

Right Out: -78.890+/-0.207 χ^2/NDF : 2495.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-78.890+/-0.207 χ^2/NDF : 2495.1/9

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -12.844 $\pm$ 0.173 χ^2 /NDF: 546.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

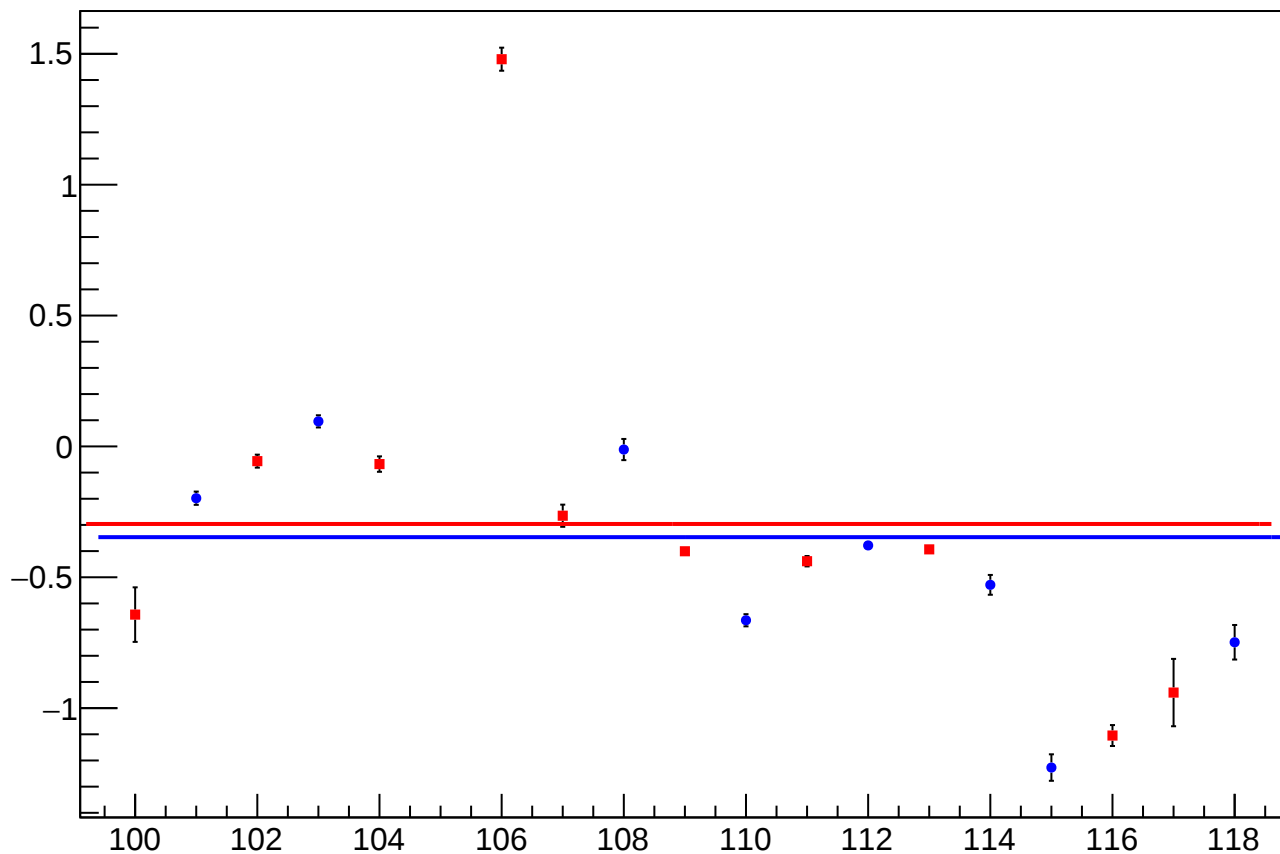
Right Out: -14.911 $\pm$ 0.160 χ^2 /NDF: 535.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-12.844 $\pm$ 0.173 χ^2 /NDF: 546.3/7

-14.911 $\pm$ 0.160 χ^2 /NDF: 535.8/9

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.347+/-0.010 χ^2/NDF : 1015.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

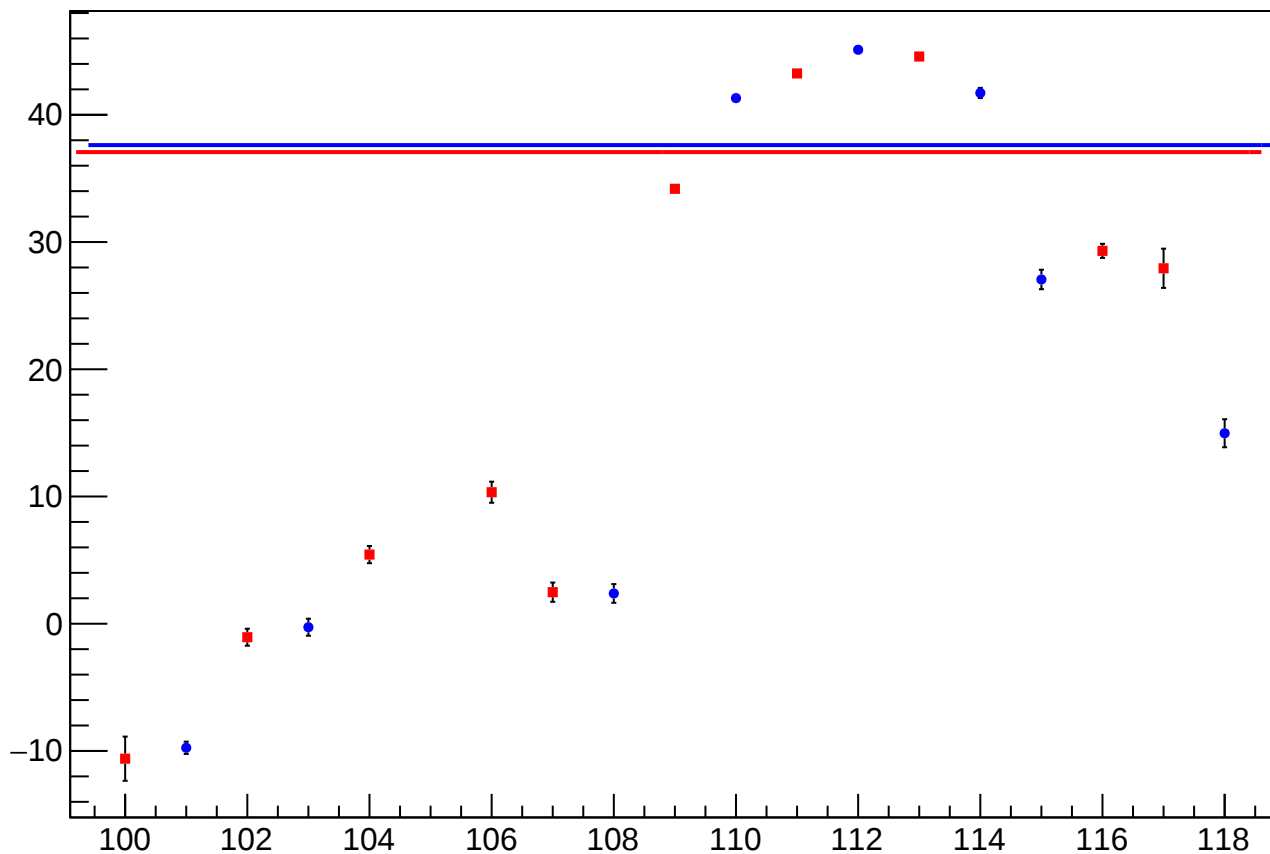
Right Out: -0.296+/-0.009 χ^2/NDF : 2339.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.347+/-0.010 χ^2/NDF : 1015.6/7

-0.296+/-0.009 χ^2/NDF : 2339.5/9

reg_asym_sam8_diff_bpm4aX_slope vs Slug



Right In: 37.620 $\pm$ 0.113 χ^2 /NDF: 18278.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

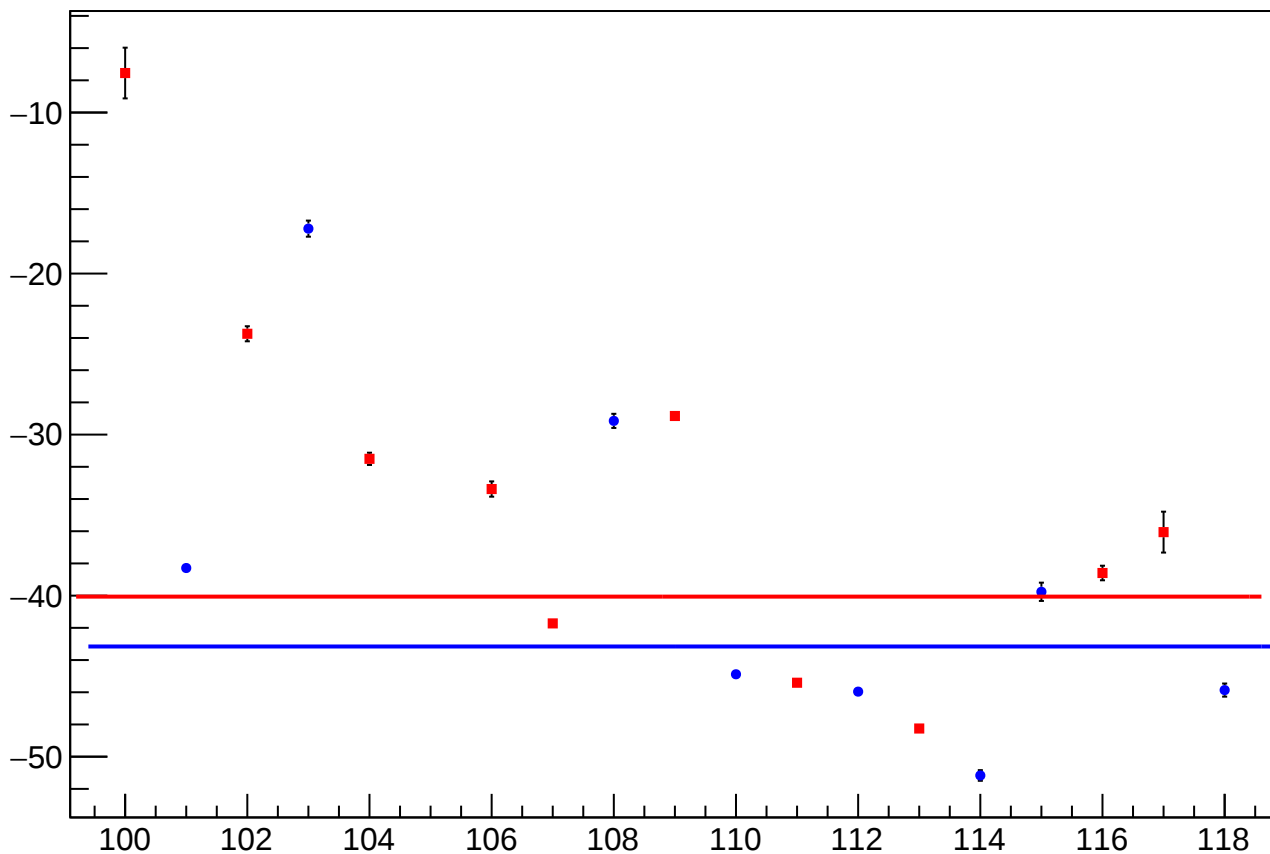
Right Out: 37.069 $\pm$ 0.091 χ^2 /NDF: 12906.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

37.620 $\pm$ 0.113 χ^2 /NDF: 18278.2/7

37.069 $\pm$ 0.091 χ^2 /NDF: 12906.0/9

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -43.158+/-0.089 χ^2/NDF : 5272.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

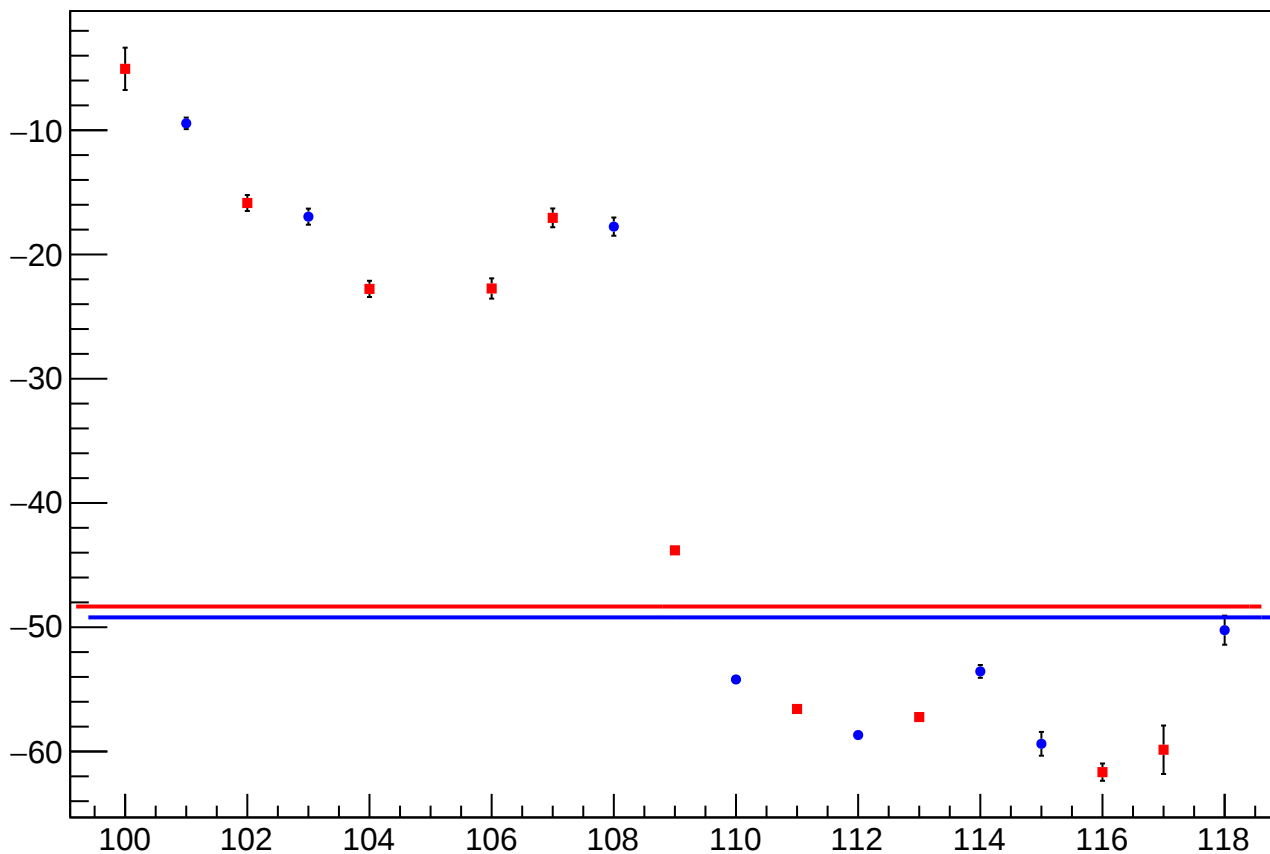
Right Out: -40.061+/-0.082 χ^2/NDF : 10503.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.158+/-0.089 χ^2/NDF : 5272.7/7

-40.061+/-0.082 χ^2/NDF : 10503.4/9

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -49.208+/-0.138 χ^2/NDF : 14258.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

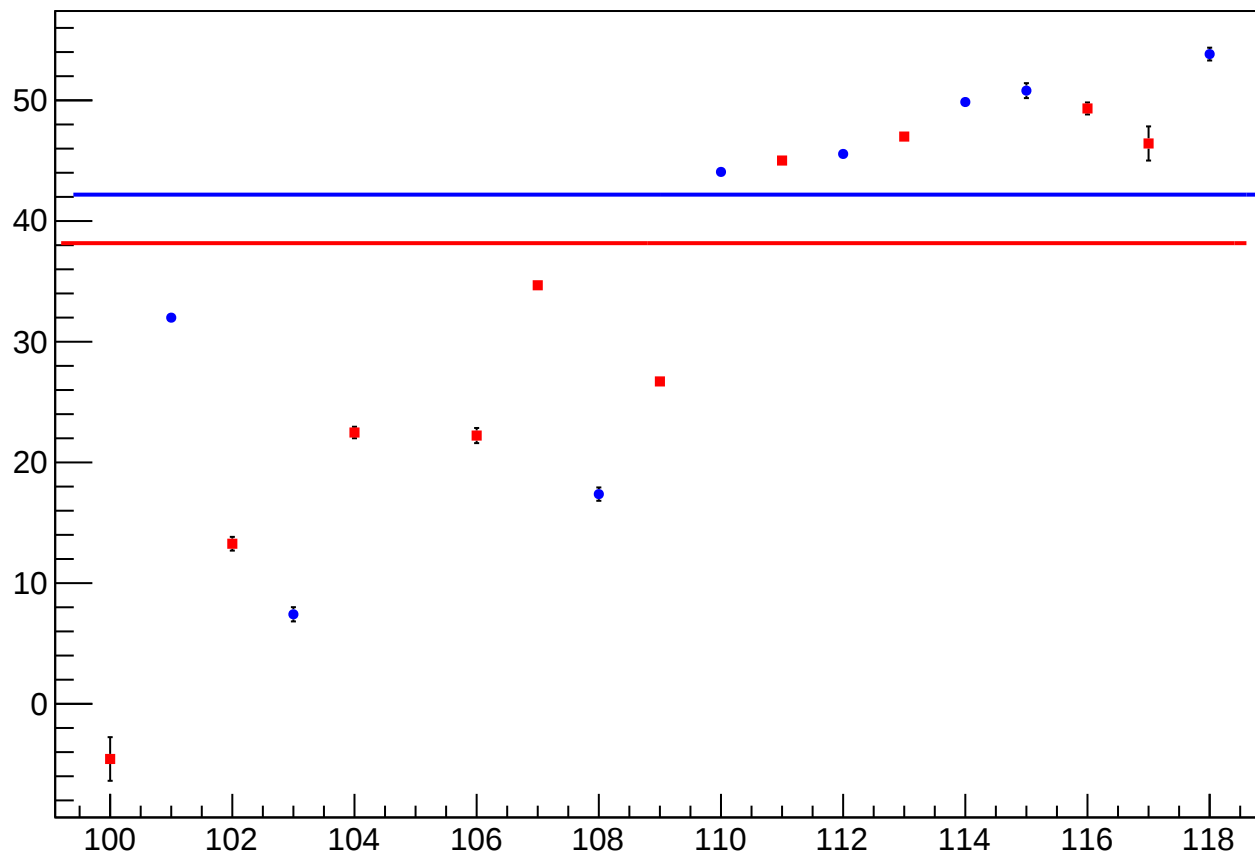
Right Out: -48.333+/-0.115 χ^2/NDF : 11227.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-49.208+/-0.138 χ^2/NDF : 14258.2/7

-48.333+/-0.115 χ^2/NDF : 11227.4/9

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.188+/-0.100 χ^2/NDF : 8419.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

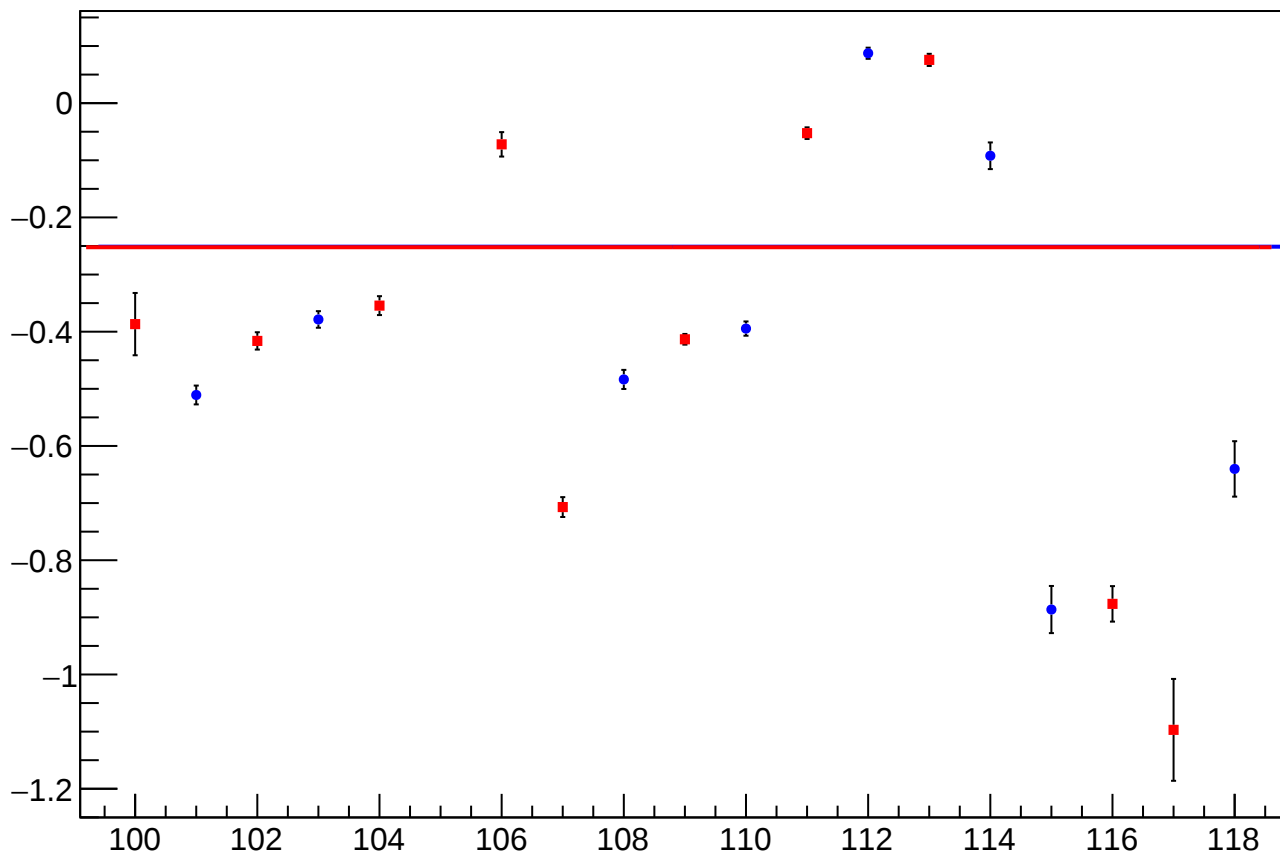
Right Out: 38.167+/-0.090 χ^2/NDF : 13248.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

42.188+/-0.100 χ^2/NDF : 8419.6/7

38.167+/-0.090 χ^2/NDF : 13248.2/9

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.251+/-0.006 χ^2 /NDF: 2203.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

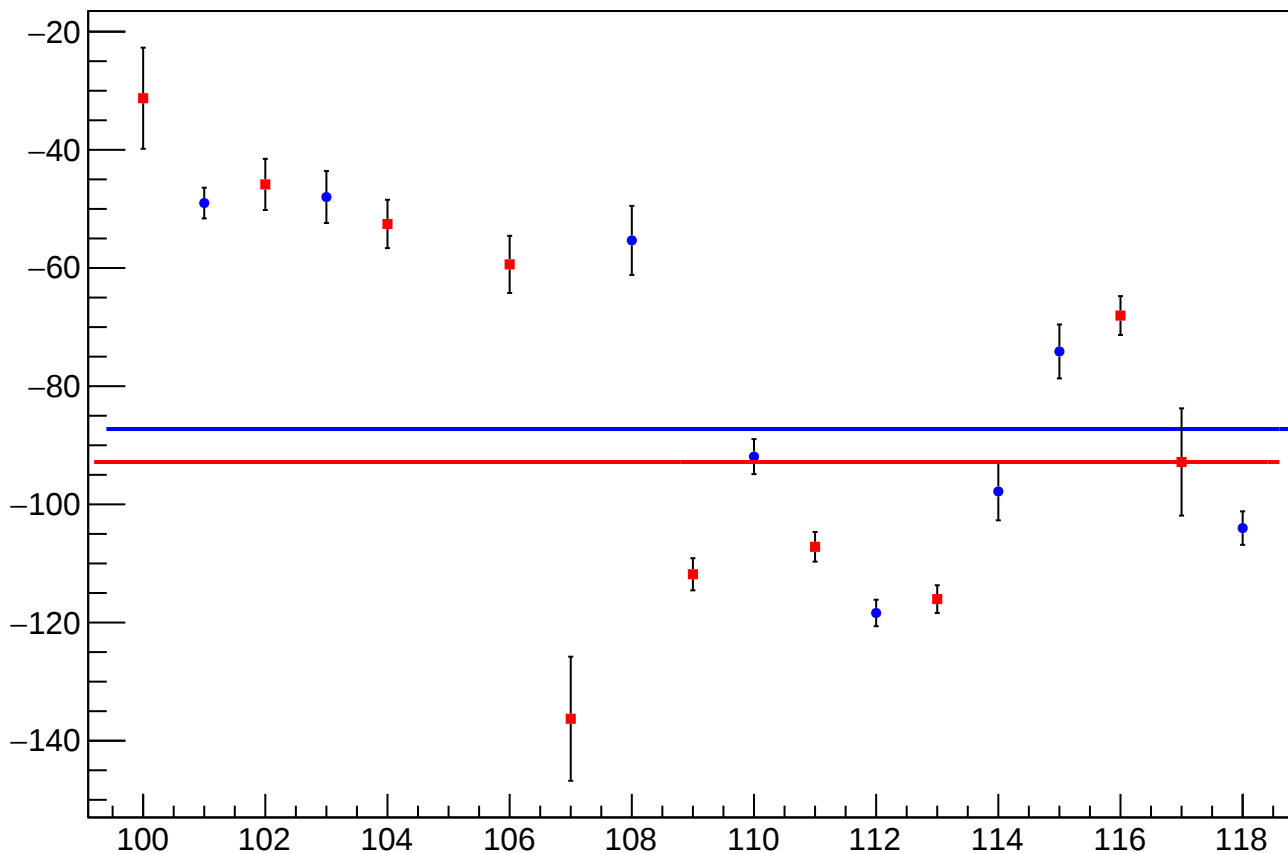
Right Out: -0.252+/-0.005 χ^2 /NDF: 3043.3/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.251+/-0.006 χ^2 /NDF: 2203.1/7

-0.252+/-0.005 χ^2 /NDF: 3043.3/9

reg_asym_usl_diff_bpm4aX_slope vs Slug



Right In: -87.249 $\pm$ 1.150 χ^2 /NDF: 569.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

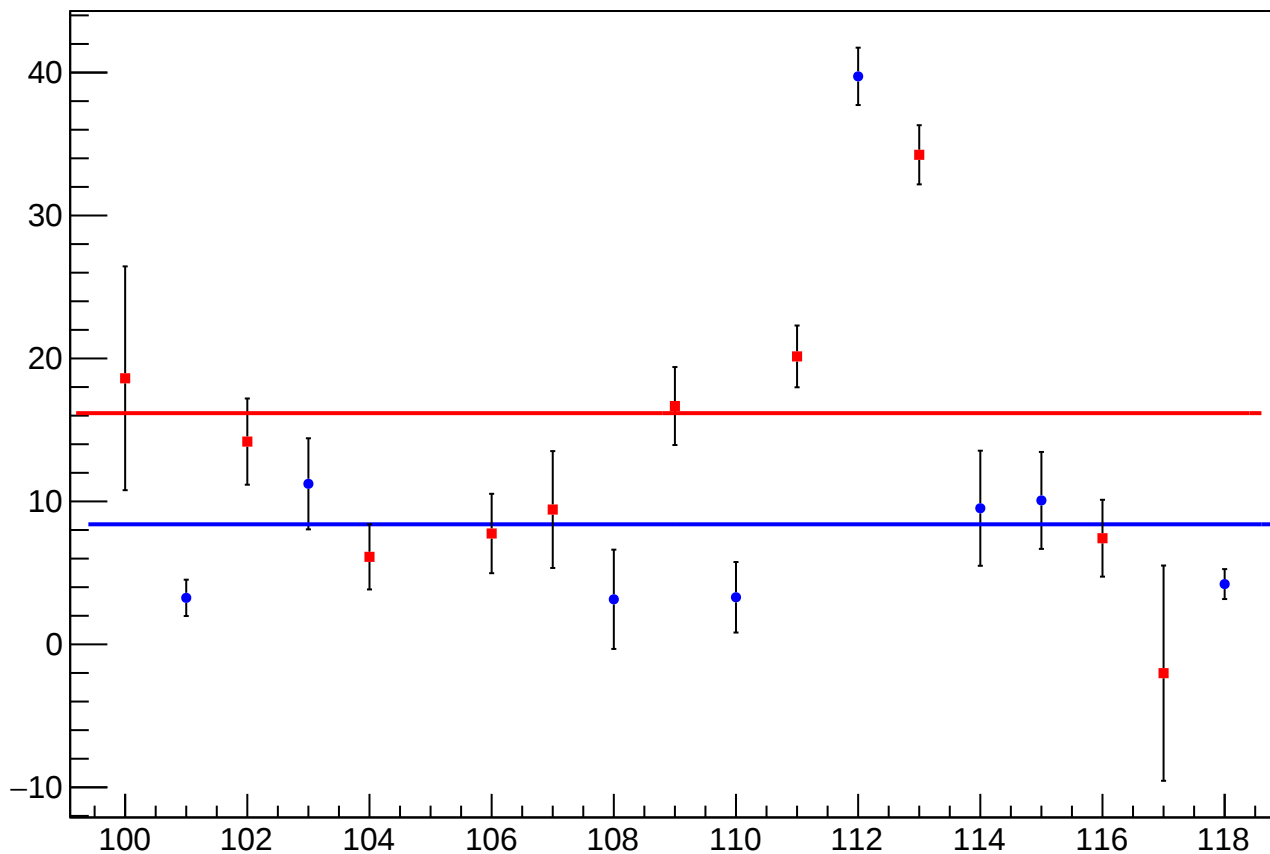
Right Out: -92.830 $\pm$ 1.147 χ^2 /NDF: 567.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-87.249 $\pm$ 1.150 χ^2 /NDF: 569.4/7

-92.830 $\pm$ 1.147 χ^2 /NDF: 567.8/9

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 8.399+/-0.663 χ^2/NDF : 283.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

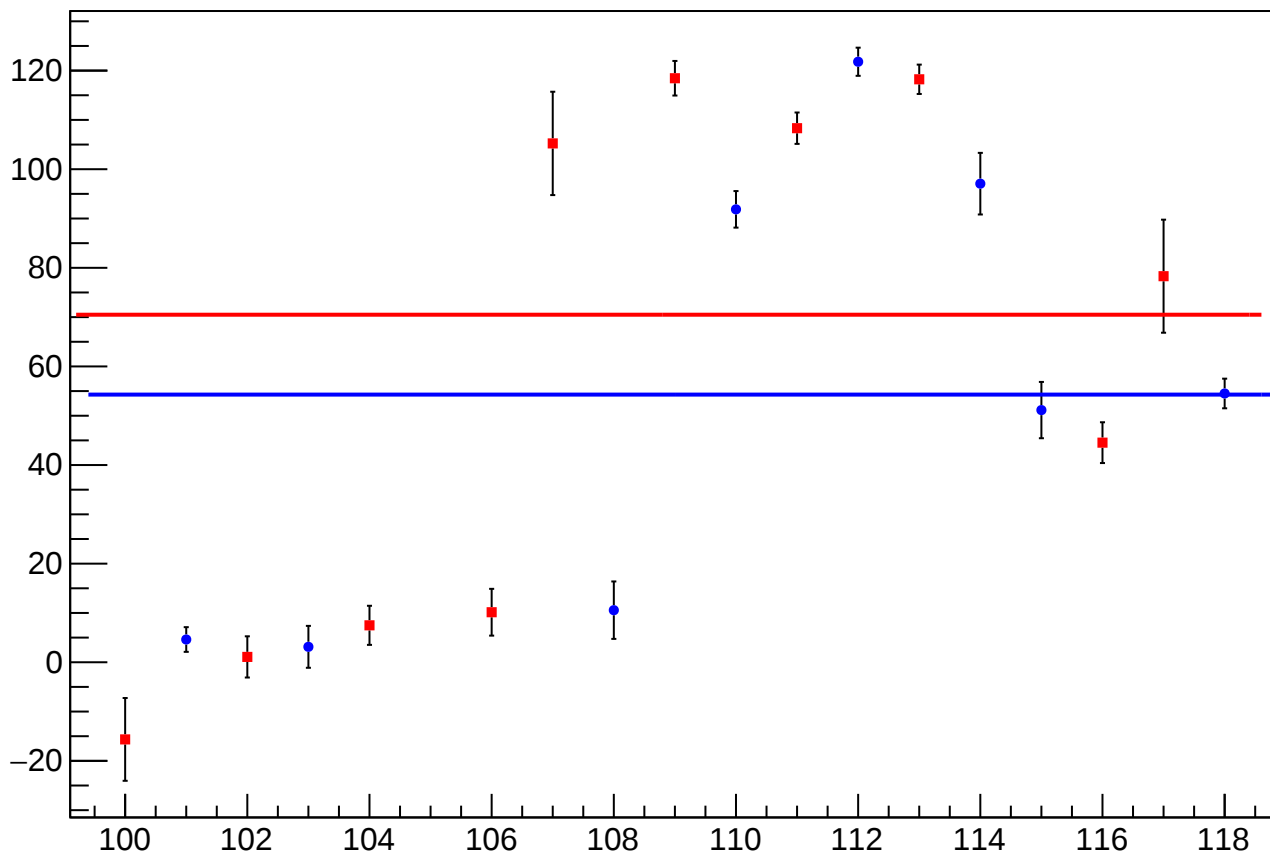
Right Out: 16.174+/-0.896 χ^2/NDF : 128.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.399+/-0.663 χ^2/NDF : 283.9/7

16.174+/-0.896 χ^2/NDF : 128.0/9

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 54.287+/-1.284 χ^2/NDF : 1303.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

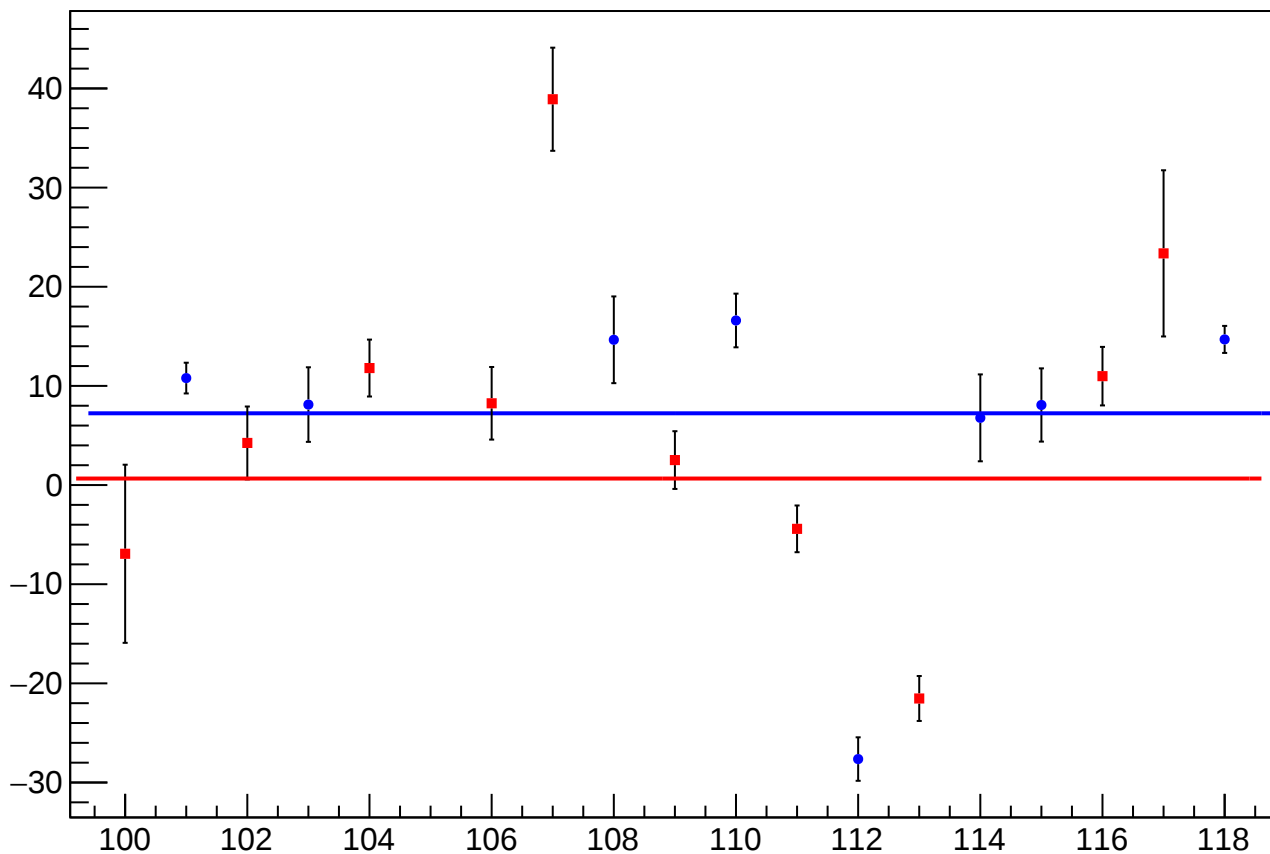
Right Out: 70.489+/-1.351 χ^2/NDF : 1431.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

54.287+/-1.284 χ^2/NDF : 1303.8/7

70.489+/-1.351 χ^2/NDF : 1431.8/9

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 7.237+/-0.804 χ^2/NDF : 303.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

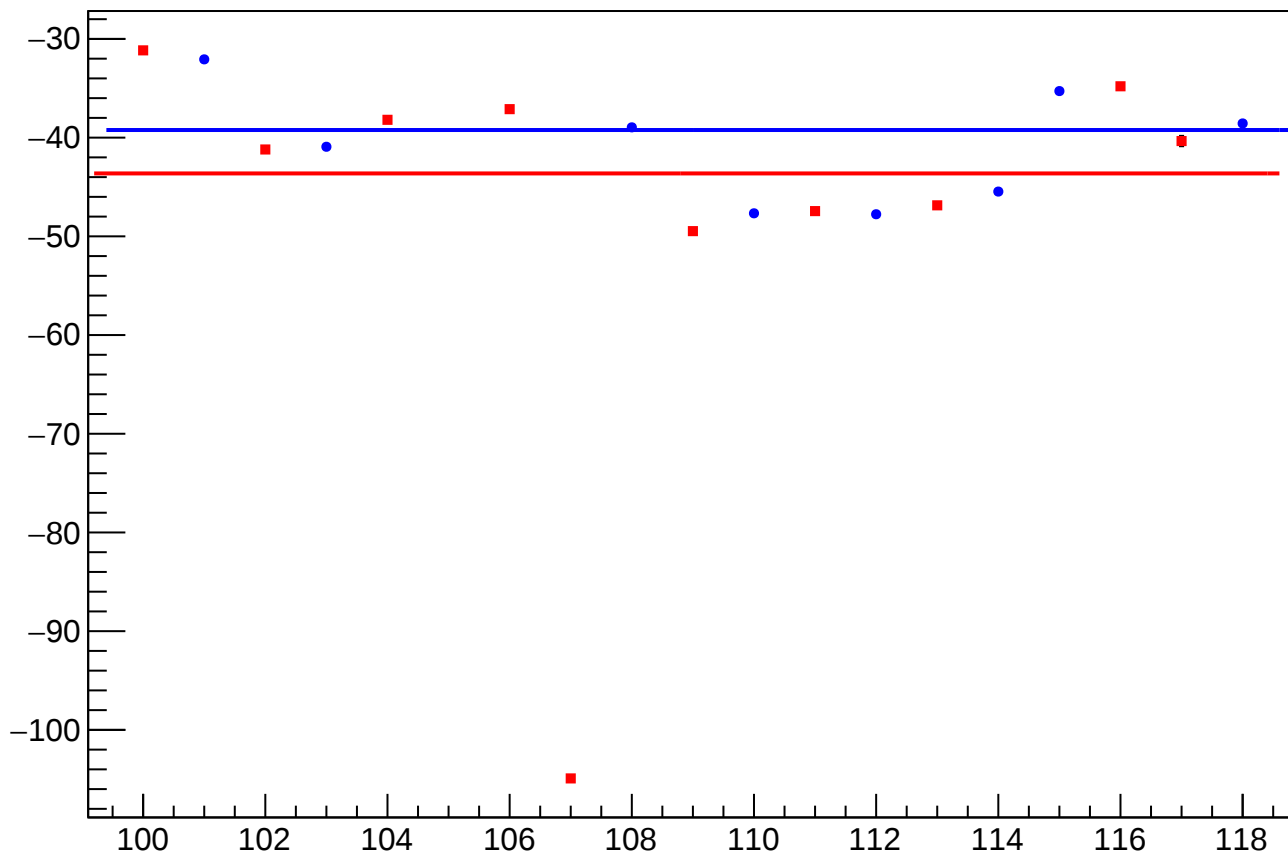
Right Out: 0.657+/-1.031 χ^2/NDF : 195.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

7.237+/-0.804 χ^2/NDF : 303.0/7

0.657+/-1.031 χ^2/NDF : 195.6/9

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.228+/-0.046 χ^2/NDF : 13706.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

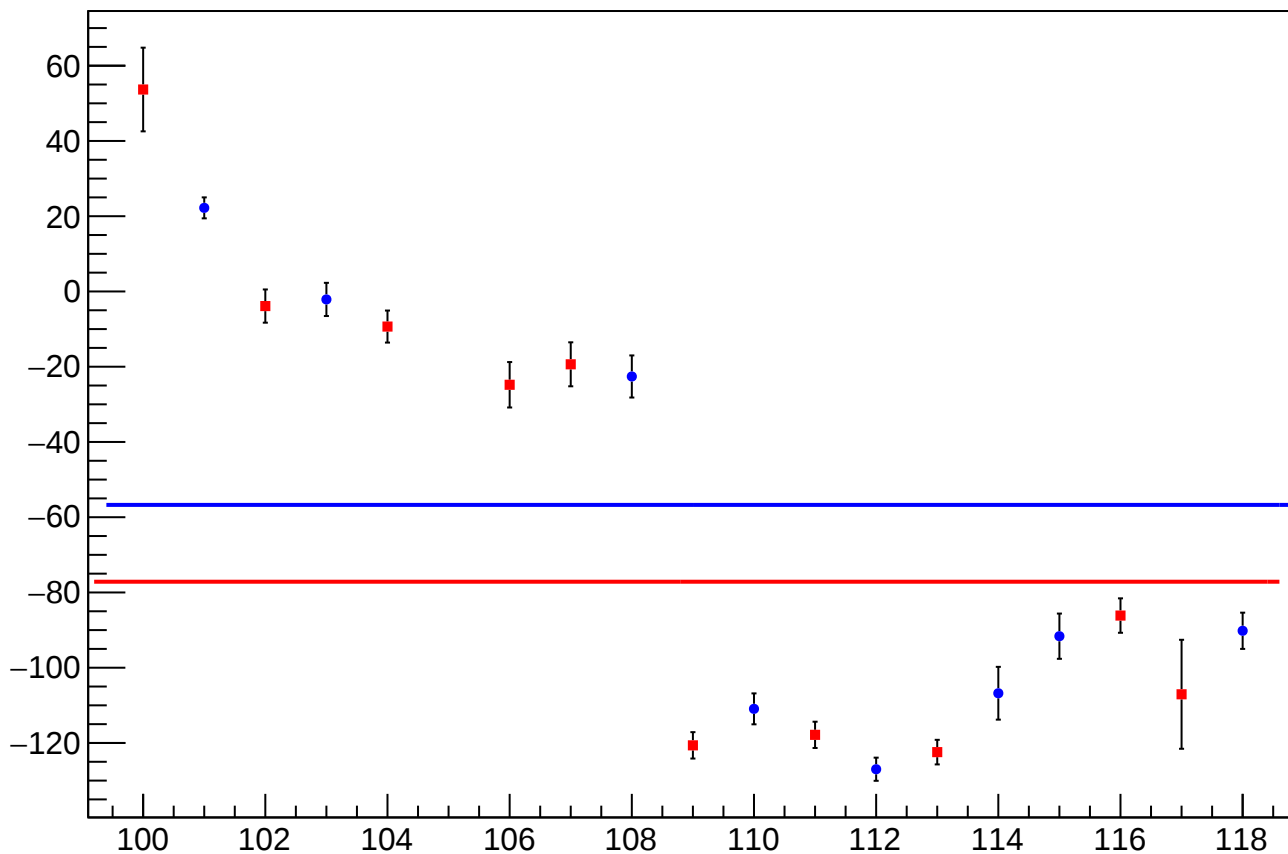
Right Out: -43.627+/-0.046 χ^2/NDF : 78140.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-39.228+/-0.046 χ^2/NDF : 13706.5/7

-43.627+/-0.046 χ^2/NDF : 78140.6/9

reg_asym_usr_diff_bpm4aX_slope vs Slug



Right In: -56.726+/-1.462 χ^2/NDF : 1821.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

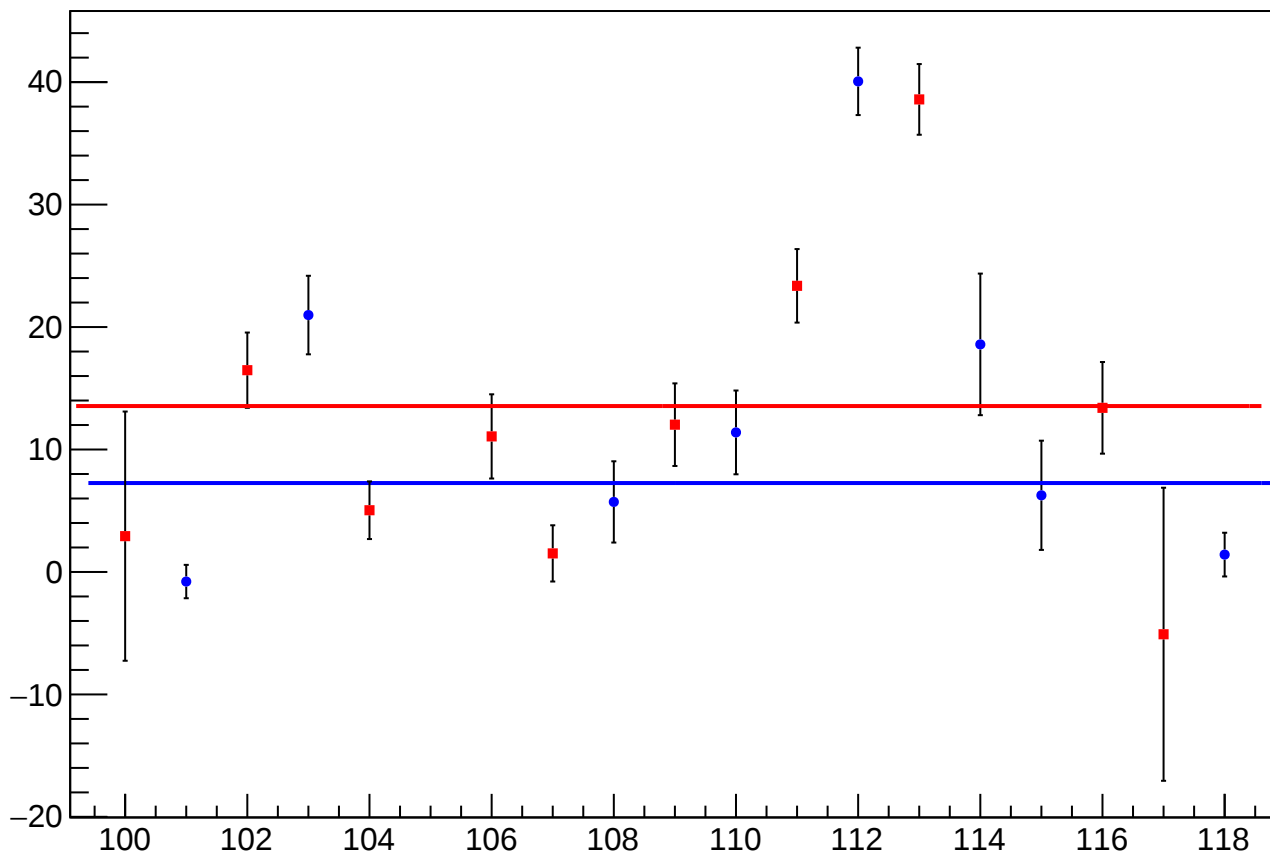
Right Out: -77.144+/-1.442 χ^2/NDF : 1330.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-56.726+/-1.462 χ^2/NDF : 1821.2/7

-77.144+/-1.442 χ^2/NDF : 1330.1/9

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 7.262 $\pm$ 0.864 χ^2 /NDF: 211.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

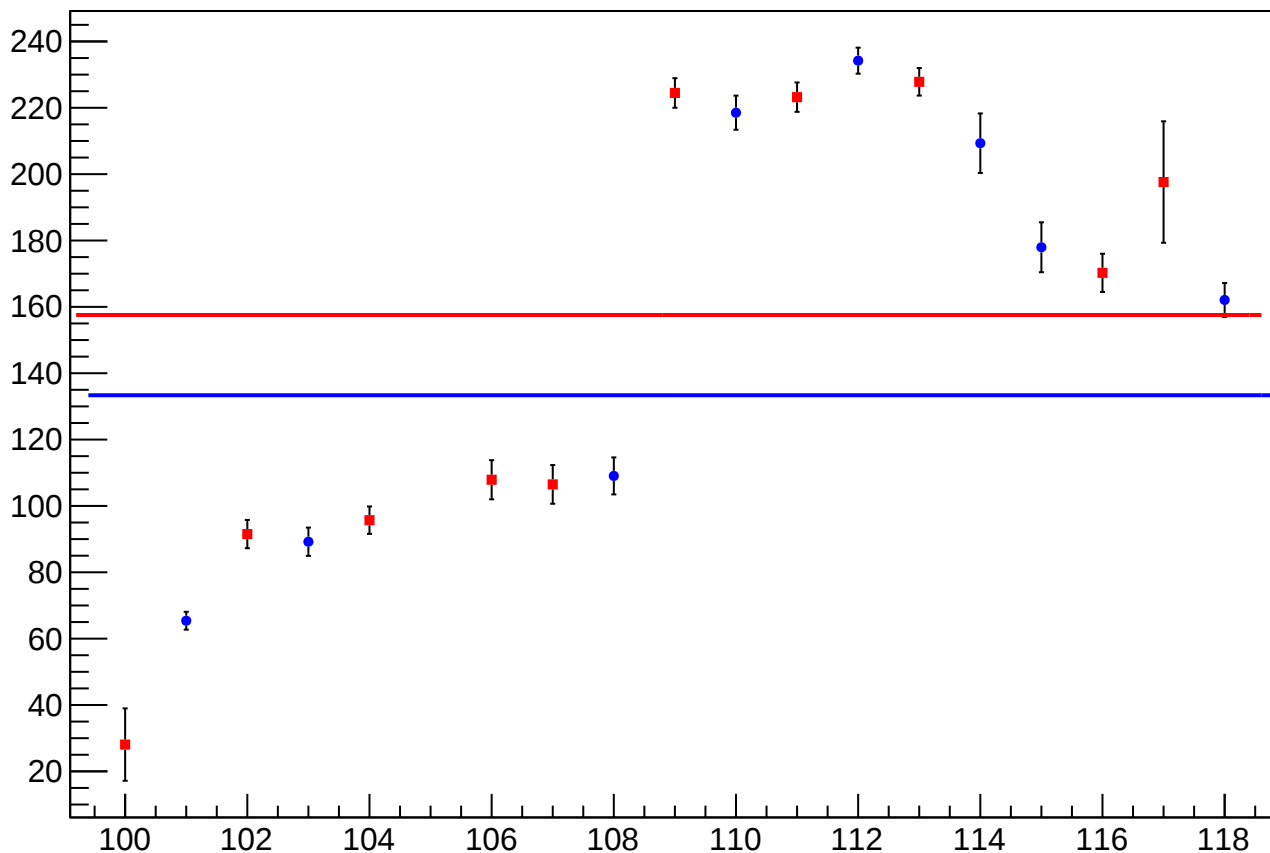
Right Out: 13.549 $\pm$ 1.017 χ^2 /NDF: 131.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.262 $\pm$ 0.864 χ^2 /NDF: 211.5/7

13.549 $\pm$ 1.017 χ^2 /NDF: 131.6/9

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 133.358 $\pm$ 1.587 χ^2 /NDF: 1842.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

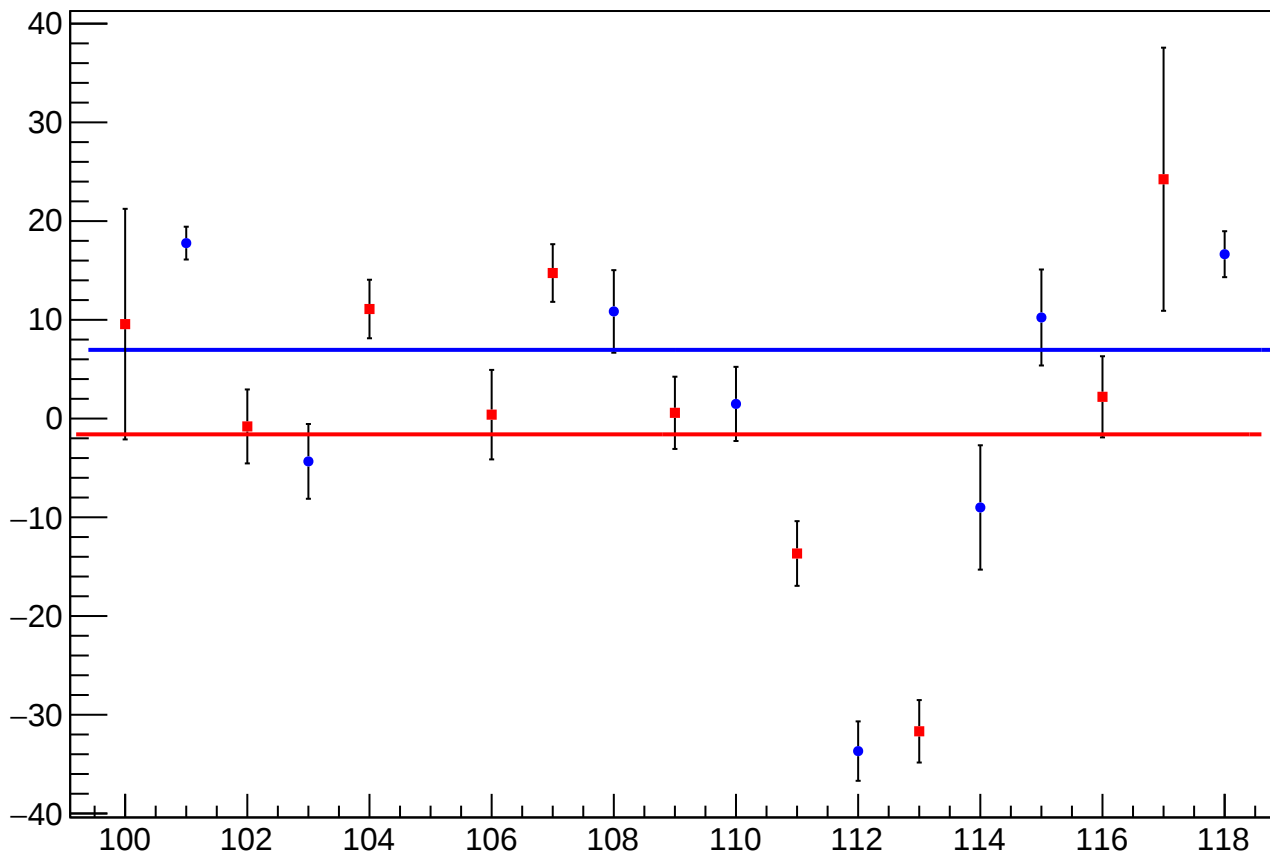
133.358 $\pm$ 1.587 χ^2 /NDF: 1842.6/7

Right Out: 157.552 $\pm$ 1.638 χ^2 /NDF: 1494.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

157.552 $\pm$ 1.638 χ^2 /NDF: 1494.6/9

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 6.958+/-1.041 χ^2/NDF : 260.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

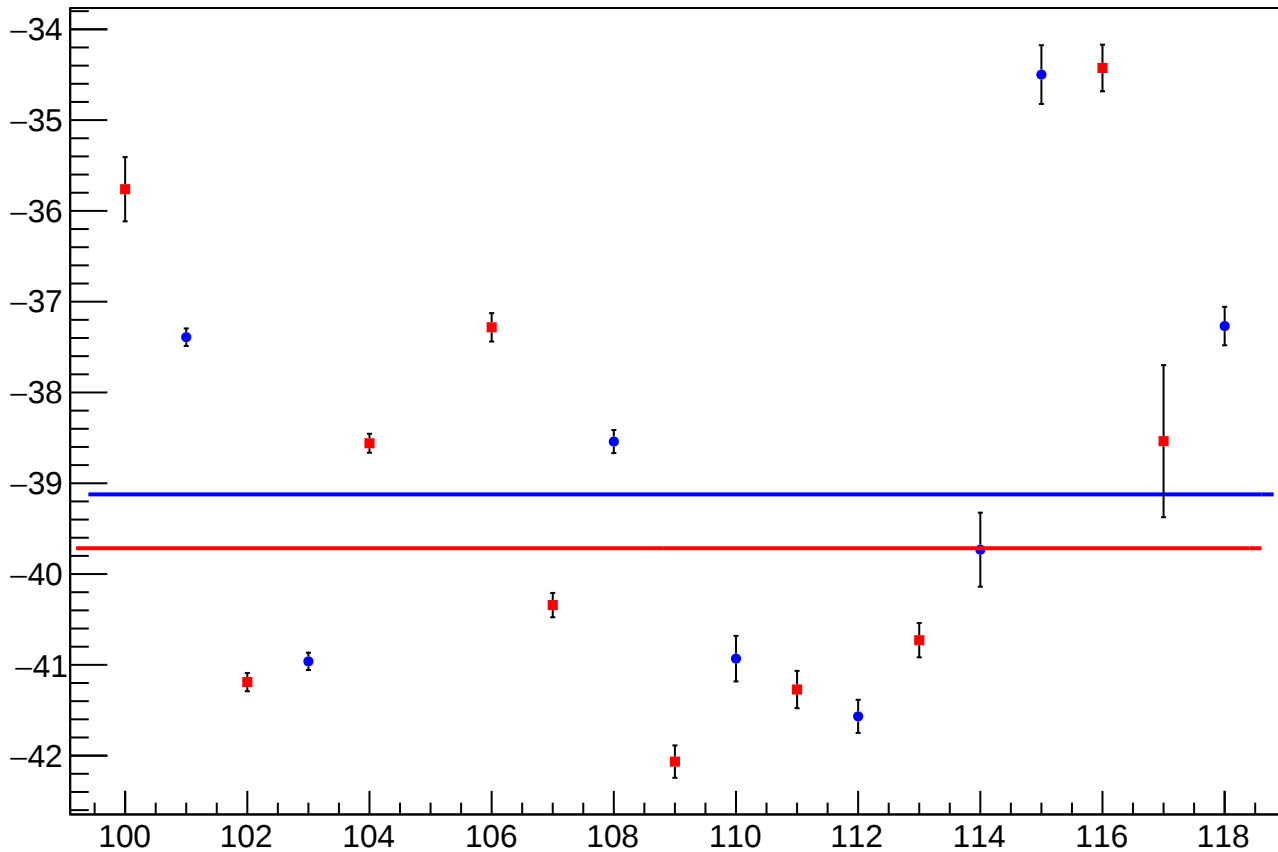
Right Out: -1.599+/-1.203 χ^2/NDF : 159.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.958+/-1.041 χ^2/NDF : 260.9/7

-1.599+/-1.203 χ^2/NDF : 159.7/9

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -39.123 ± 0.053 $\chi^2/\text{NDF}: 1226.9/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

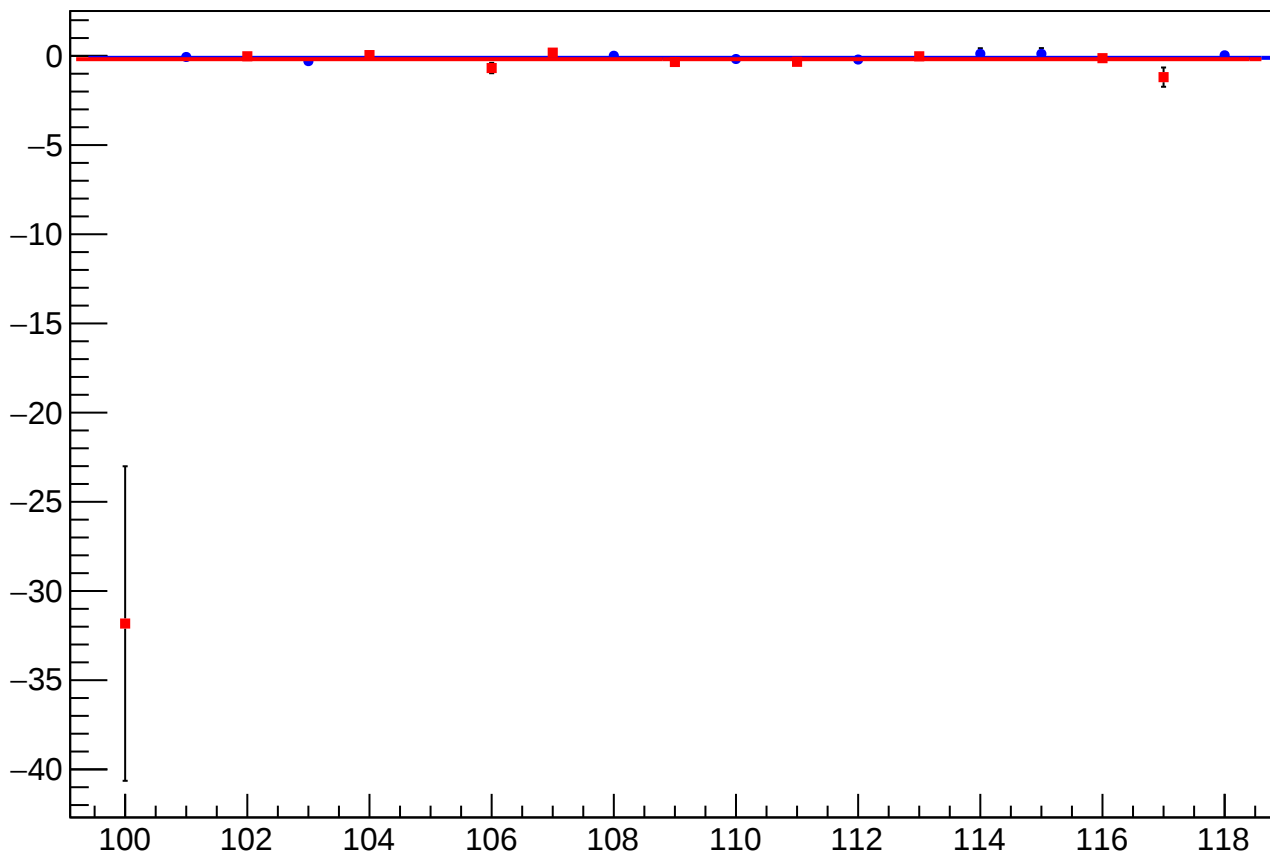
Right Out: -39.716 ± 0.050 $\chi^2/\text{NDF}: 1411.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-39.123 ± 0.053 $\chi^2/\text{NDF}: 1226.9/7$

-39.716 ± 0.050 $\chi^2/\text{NDF}: 1411.8/9$

reg_asym_dsl_diff_bpm4aX_slope vs Slug



Right In: -0.109+/-0.068 χ^2/NDF : 3.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

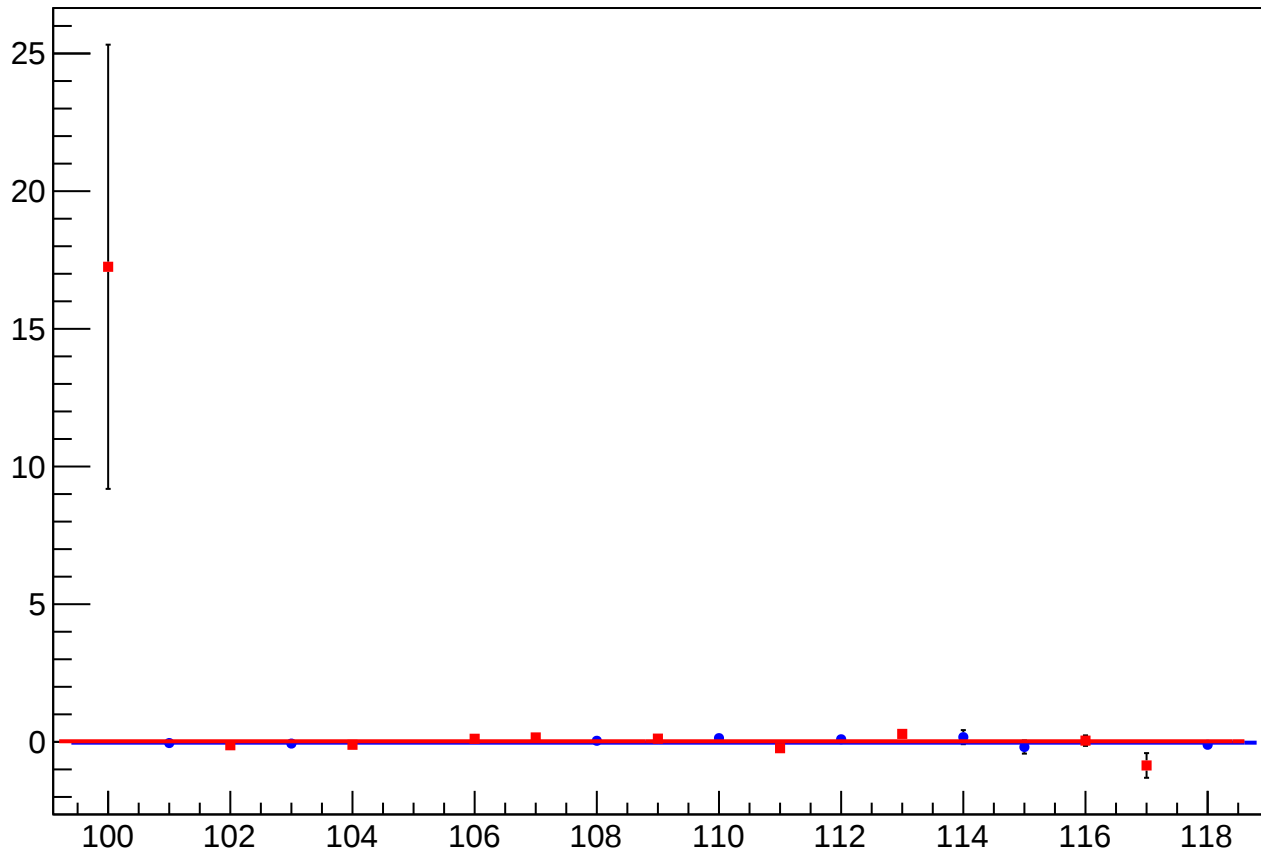
Right Out: -0.186+/-0.067 χ^2/NDF : 26.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.109+/-0.068 χ^2/NDF : 3.4/7

-0.186+/-0.067 χ^2/NDF : 26.1/9

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.029+/-0.040 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

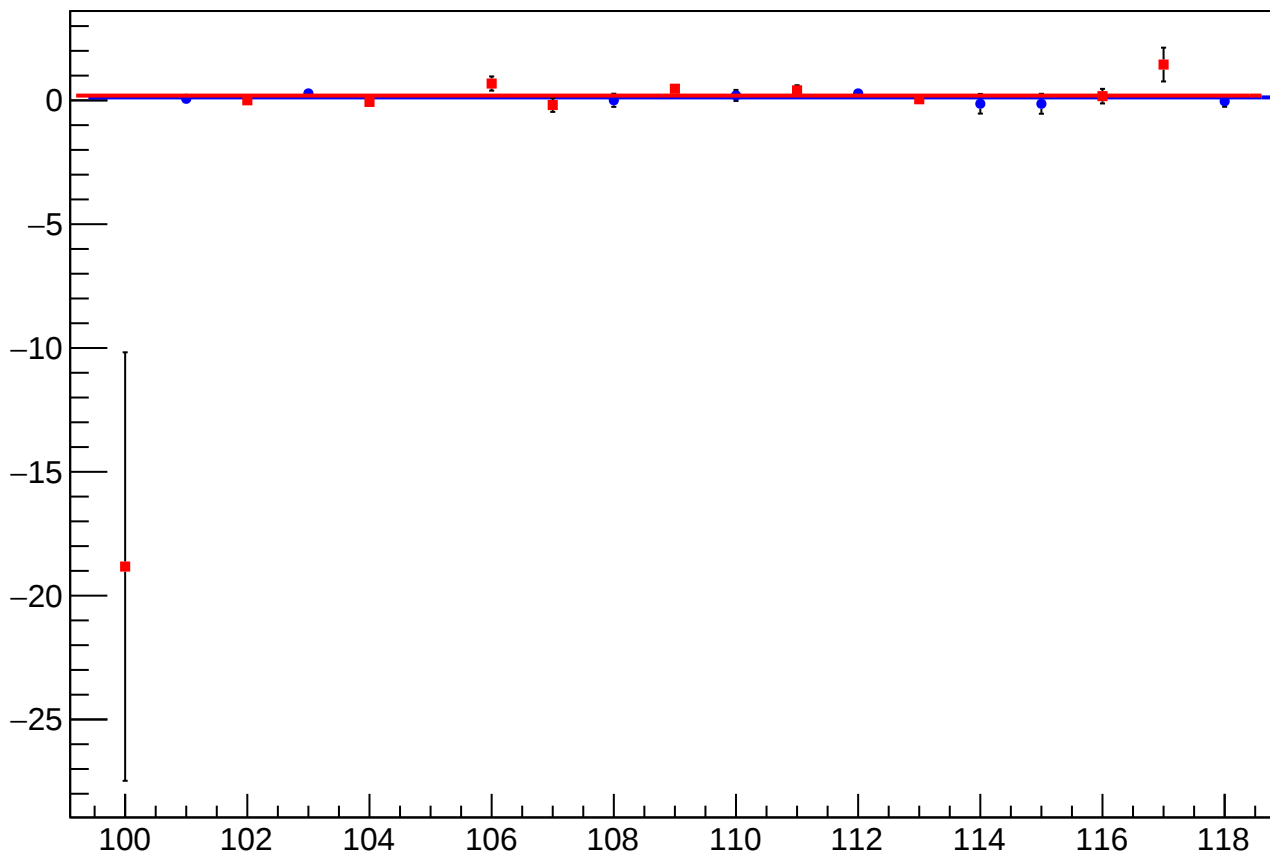
Right Out: 0.022+/-0.048 χ^2/NDF : 20.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.029+/-0.040 χ^2/NDF : 4.4/7

0.022+/-0.048 χ^2/NDF : 20.2/9

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.120 $\pm$ 0.073 χ^2 /NDF: 3.4/7

0.120 $\pm$ 0.073 χ^2 /NDF: 3.4/7

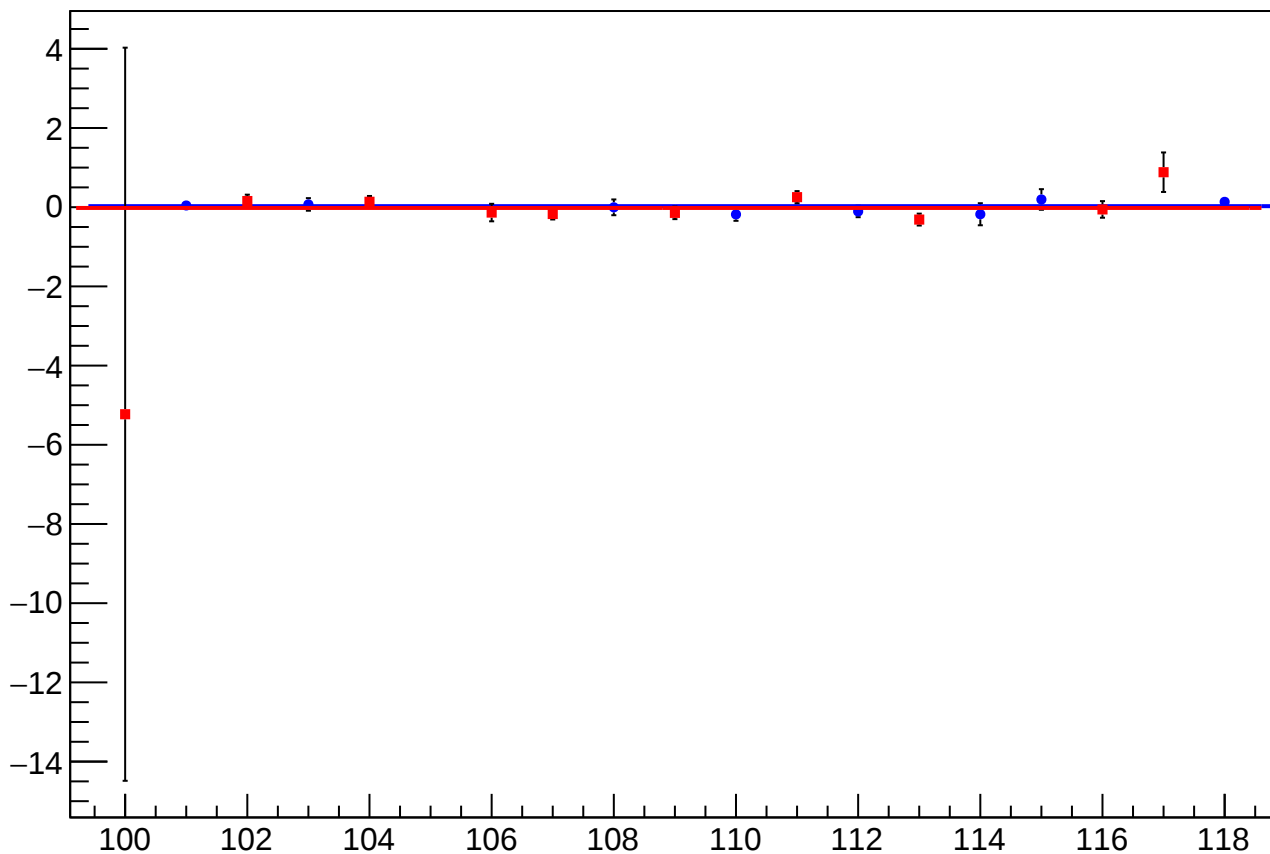
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.194 $\pm$ 0.076 χ^2 /NDF: 19.4/9

0.194 $\pm$ 0.076 χ^2 /NDF: 19.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.026+/-0.048 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

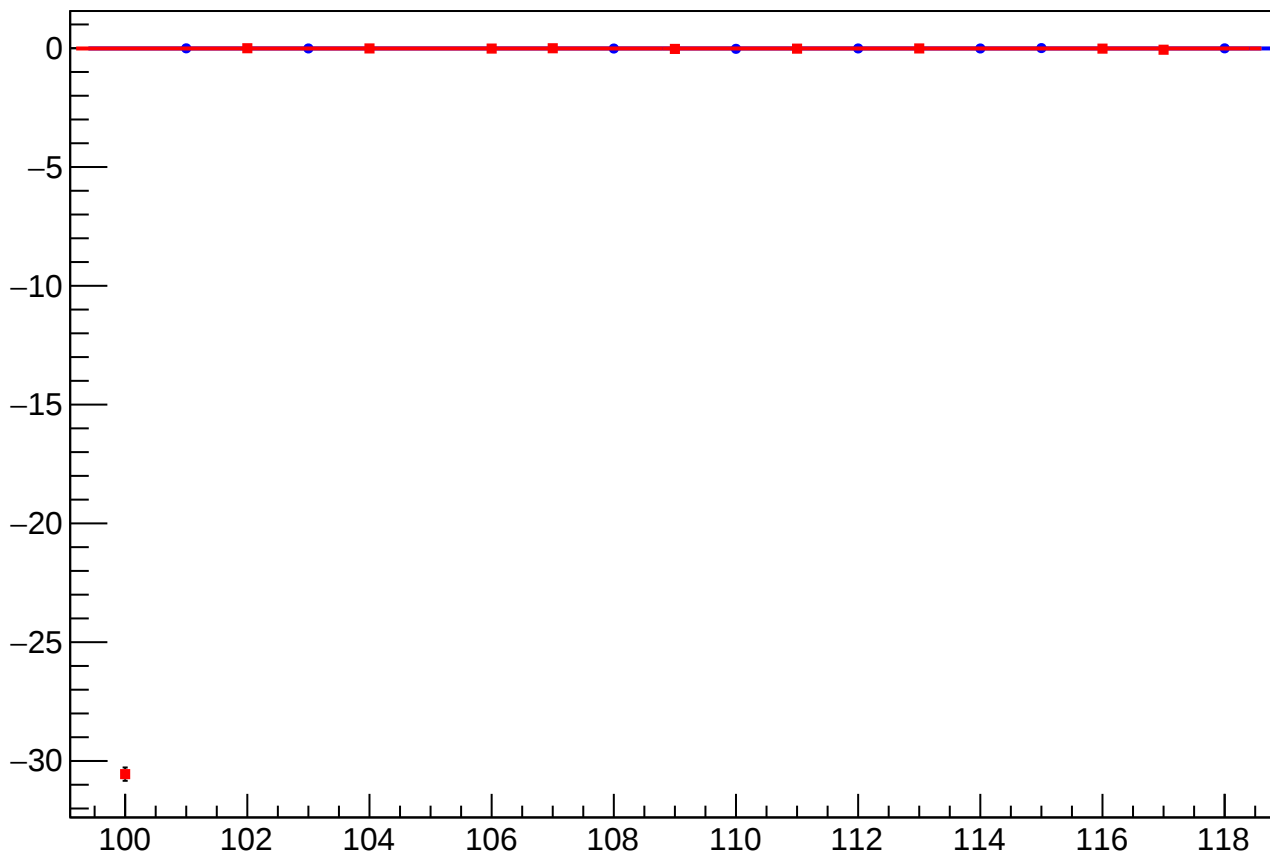
Right Out: -0.019+/-0.057 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.048 χ^2/NDF : 4.8/7

-0.019+/-0.057 χ^2/NDF : 15.1/9

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

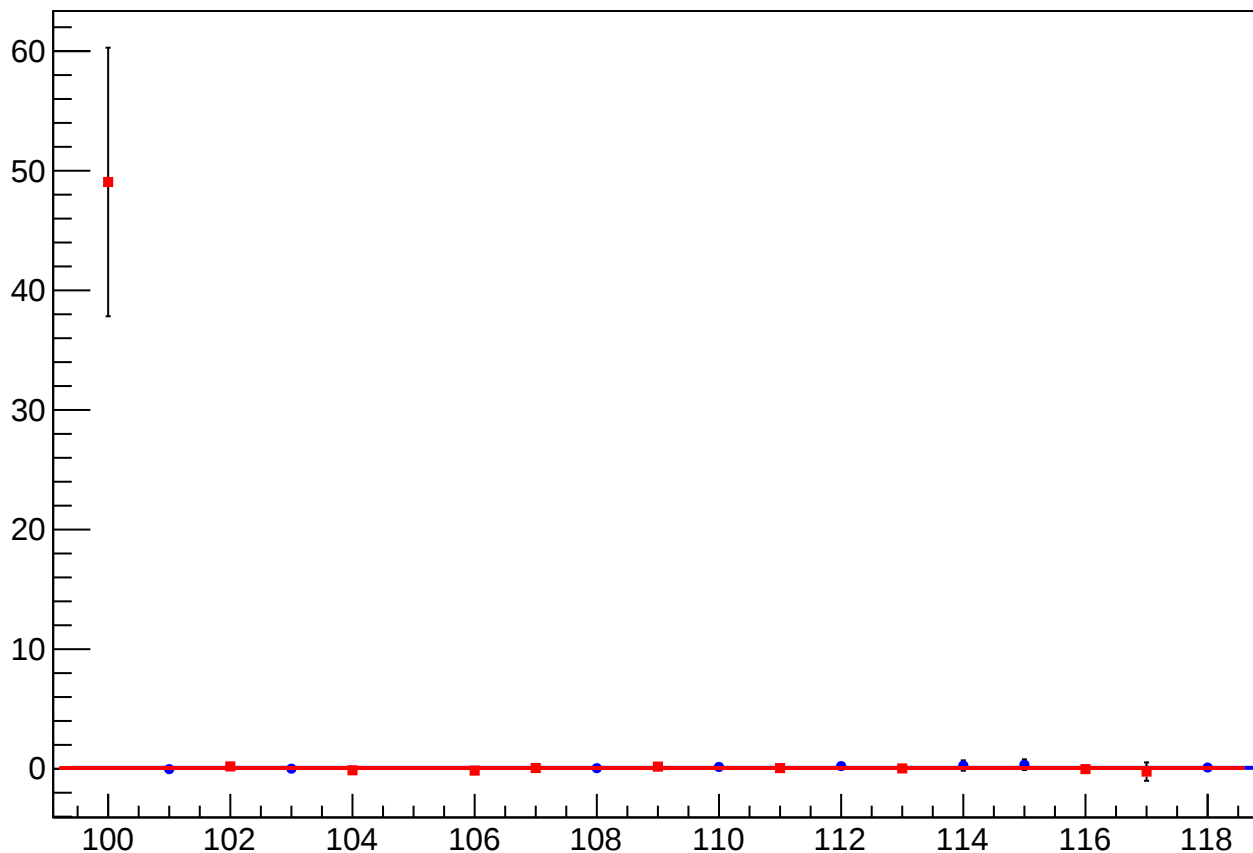
Right Out: -0.011 $\pm$ 0.002 χ^2 /NDF: 11884.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.009 $\pm$ 0.002 χ^2 /NDF: 4.5/7

-0.011 $\pm$ 0.002 χ^2 /NDF: 11884.5/9

reg_asym_dsr_diff_bpm4aX_slope vs Slug



Right In: 0.081+/-0.084 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

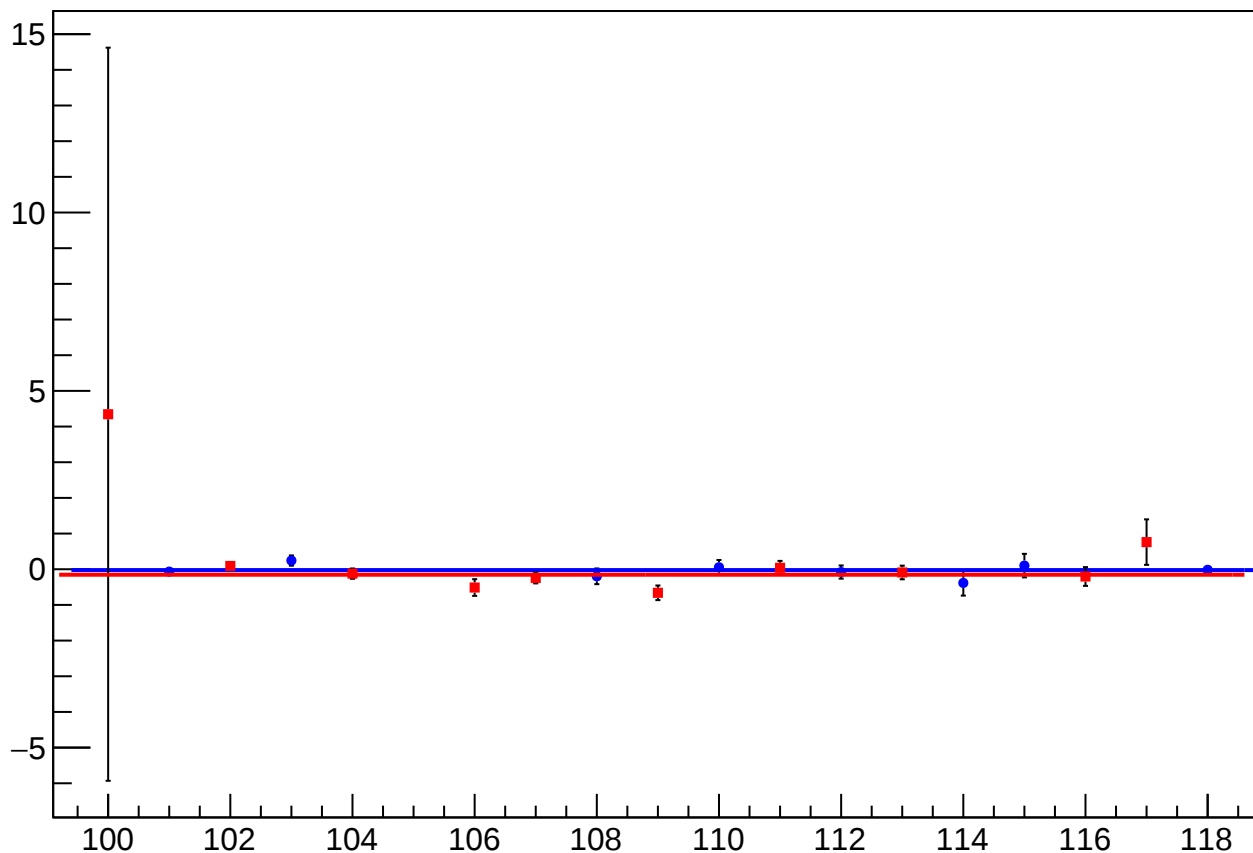
Right Out: 0.065+/-0.088 χ^2/NDF : 21.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.081+/-0.084 χ^2/NDF : 1.9/7

0.065+/-0.088 χ^2/NDF : 21.0/9

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.049 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

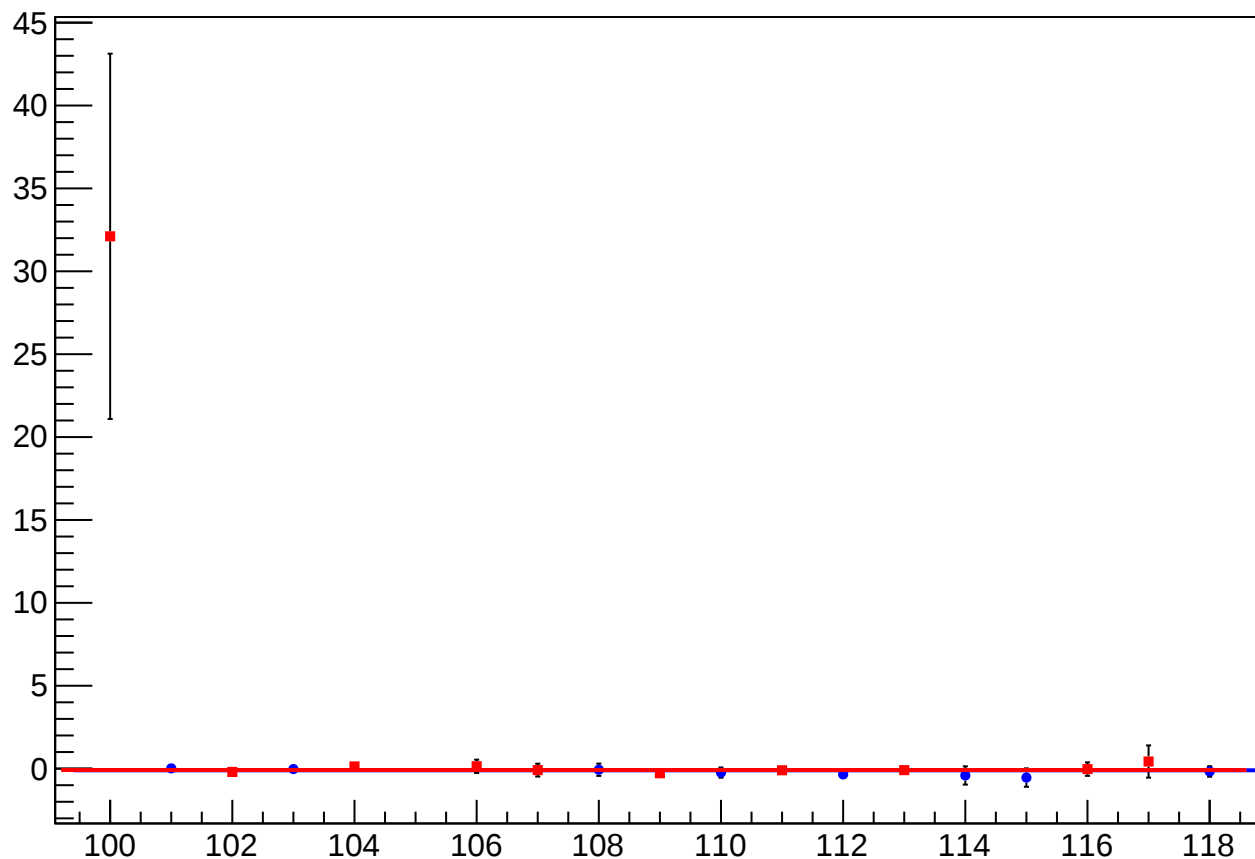
Right Out: -0.154+/-0.062 χ^2/NDF : 15.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.024+/-0.049 χ^2/NDF : 5.9/7

-0.154+/-0.062 χ^2/NDF : 15.4/9

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.101+/-0.088 χ^2/NDF : 3.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

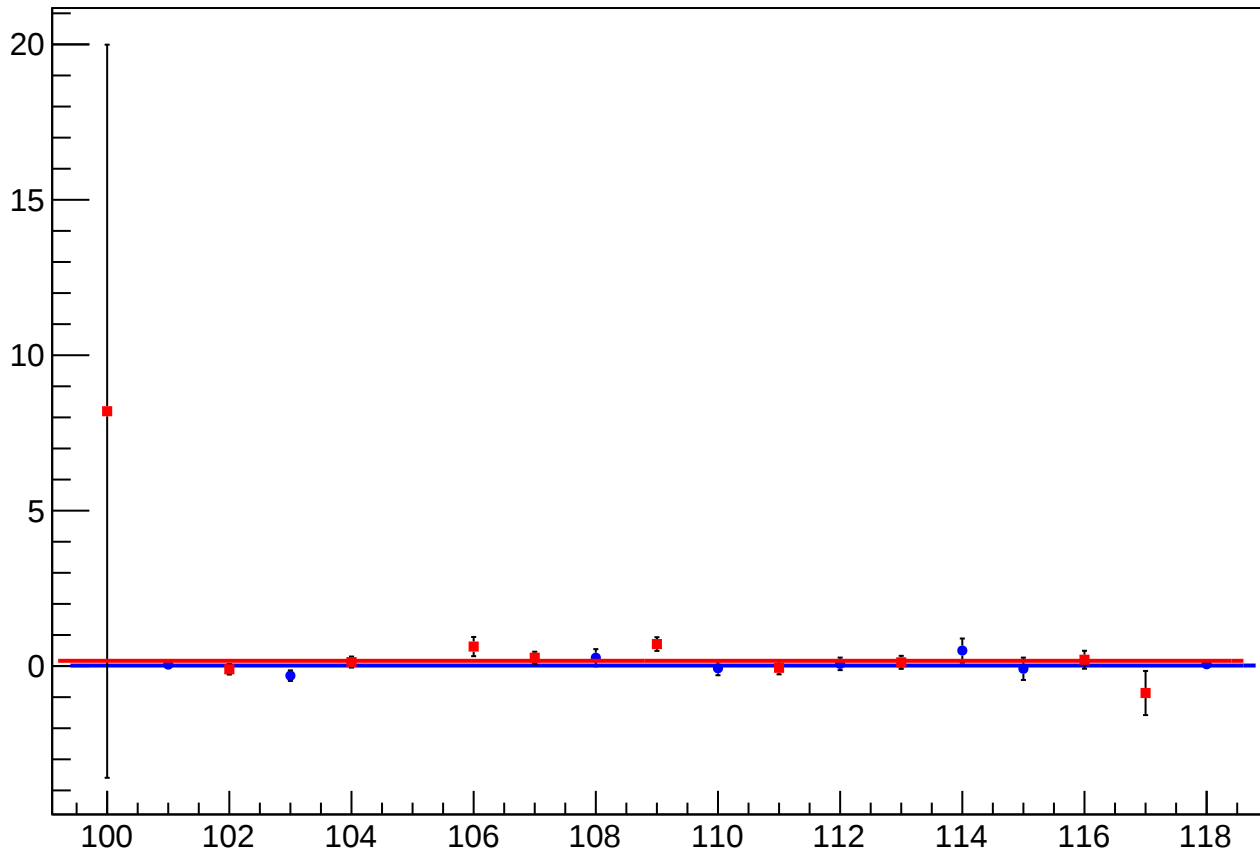
Right Out: -0.083+/-0.098 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.101+/-0.088 χ^2/NDF : 3.0/7

-0.083+/-0.098 χ^2/NDF : 10.9/9

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.018+/-0.059 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

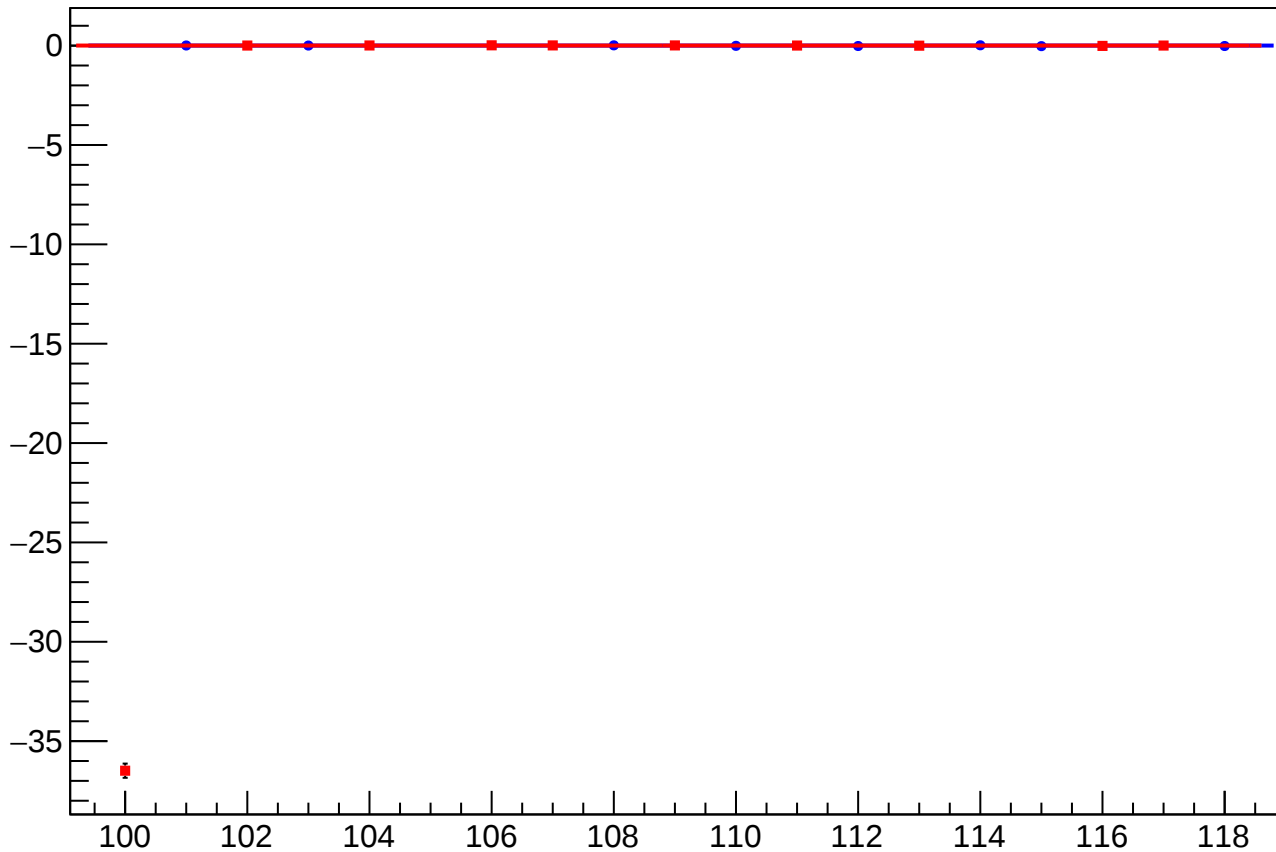
Right Out: 0.170+/-0.074 χ^2/NDF : 14.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.018+/-0.059 χ^2/NDF : 6.6/7

0.170+/-0.074 χ^2/NDF : 14.9/9

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.004 $\pm$ 0.003 χ^2 /NDF: 11.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

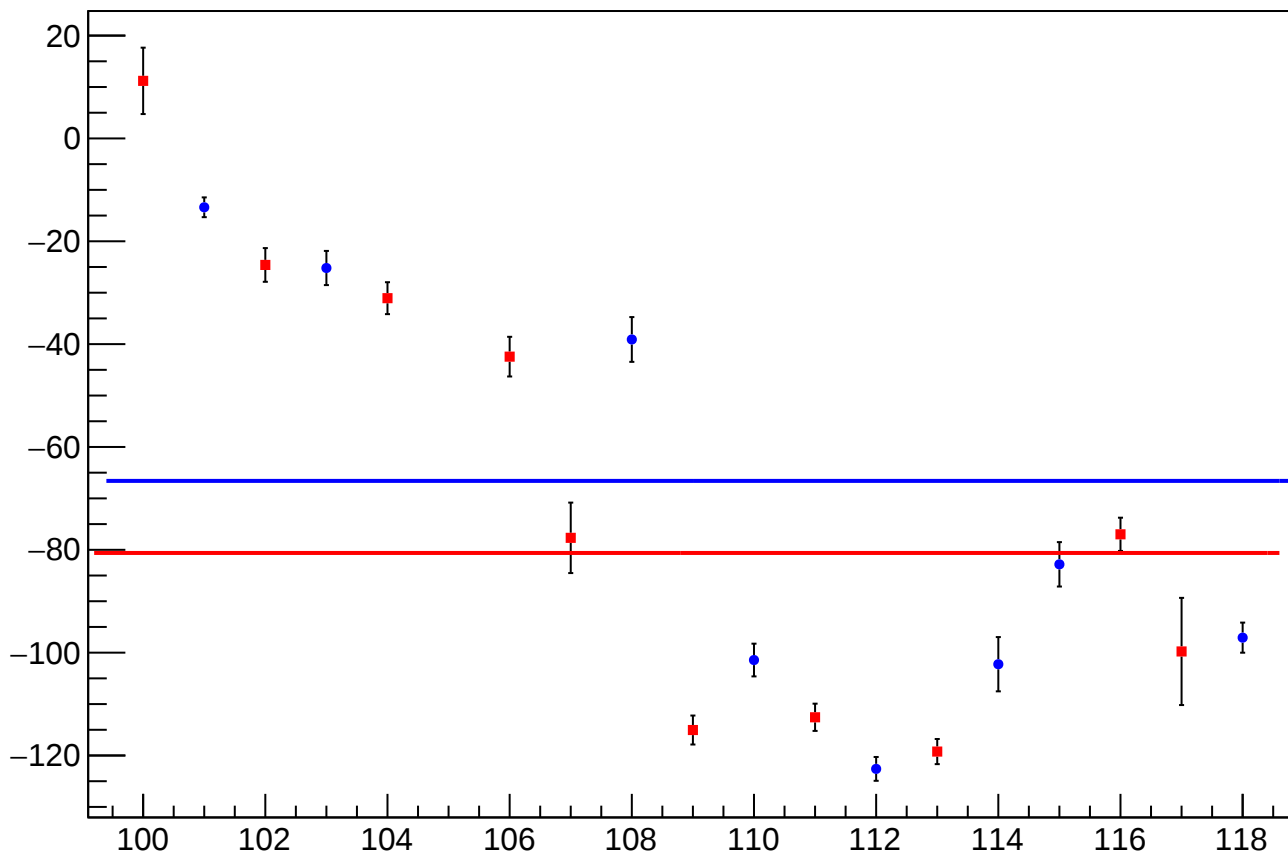
Right Out: 0.005 $\pm$ 0.003 χ^2 /NDF: 10434.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.003 χ^2 /NDF: 11.2/7

0.005 $\pm$ 0.003 χ^2 /NDF: 10434.1/9

reg_asym_us_avg_diff_bpm4aX_slope vs Slug



Right In: -66.598 $\pm$ 1.051 χ^2 /NDF: 1834.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

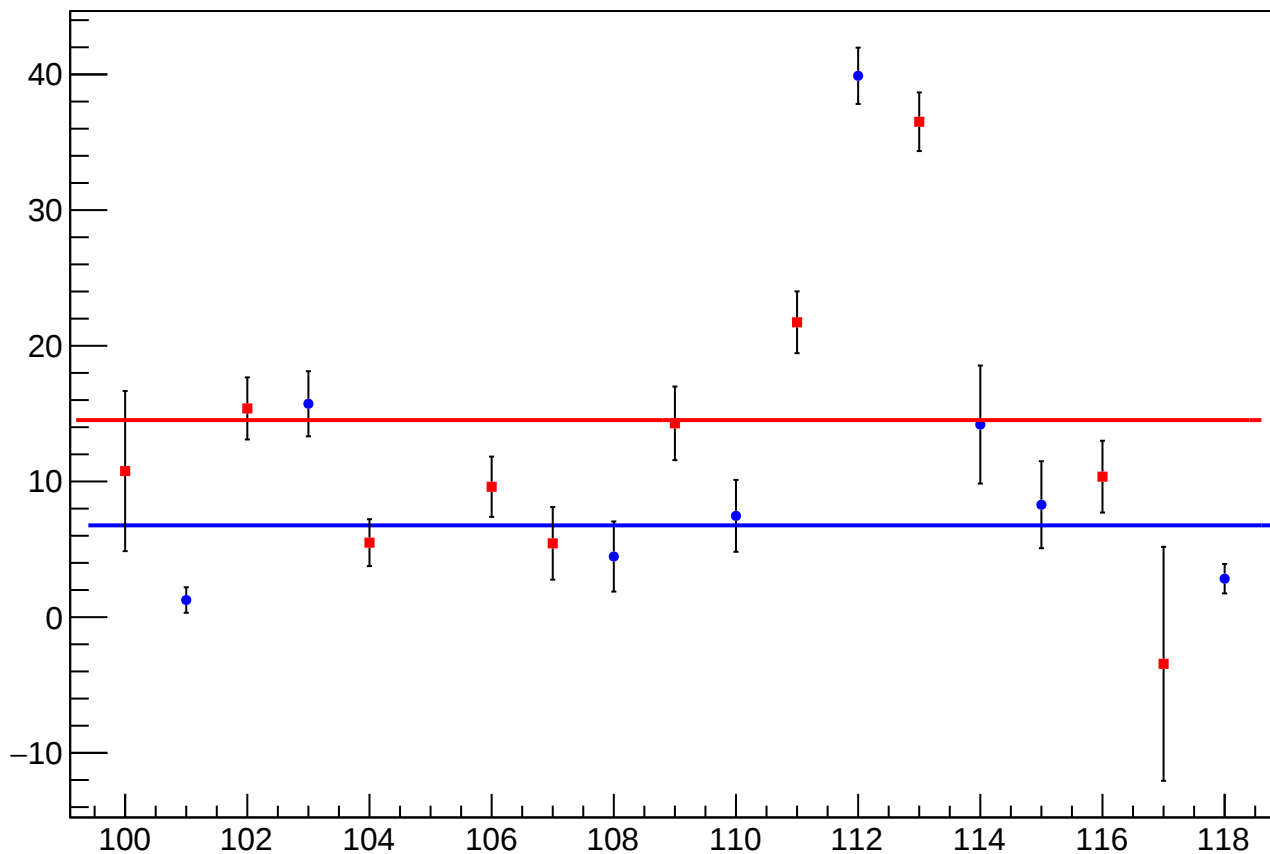
Right Out: -80.612 $\pm$ 1.085 χ^2 /NDF: 1396.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-66.598 $\pm$ 1.051 χ^2 /NDF: 1834.0/7

-80.612 $\pm$ 1.085 χ^2 /NDF: 1396.4/9

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.765+/-0.594 χ^2/NDF : 320.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

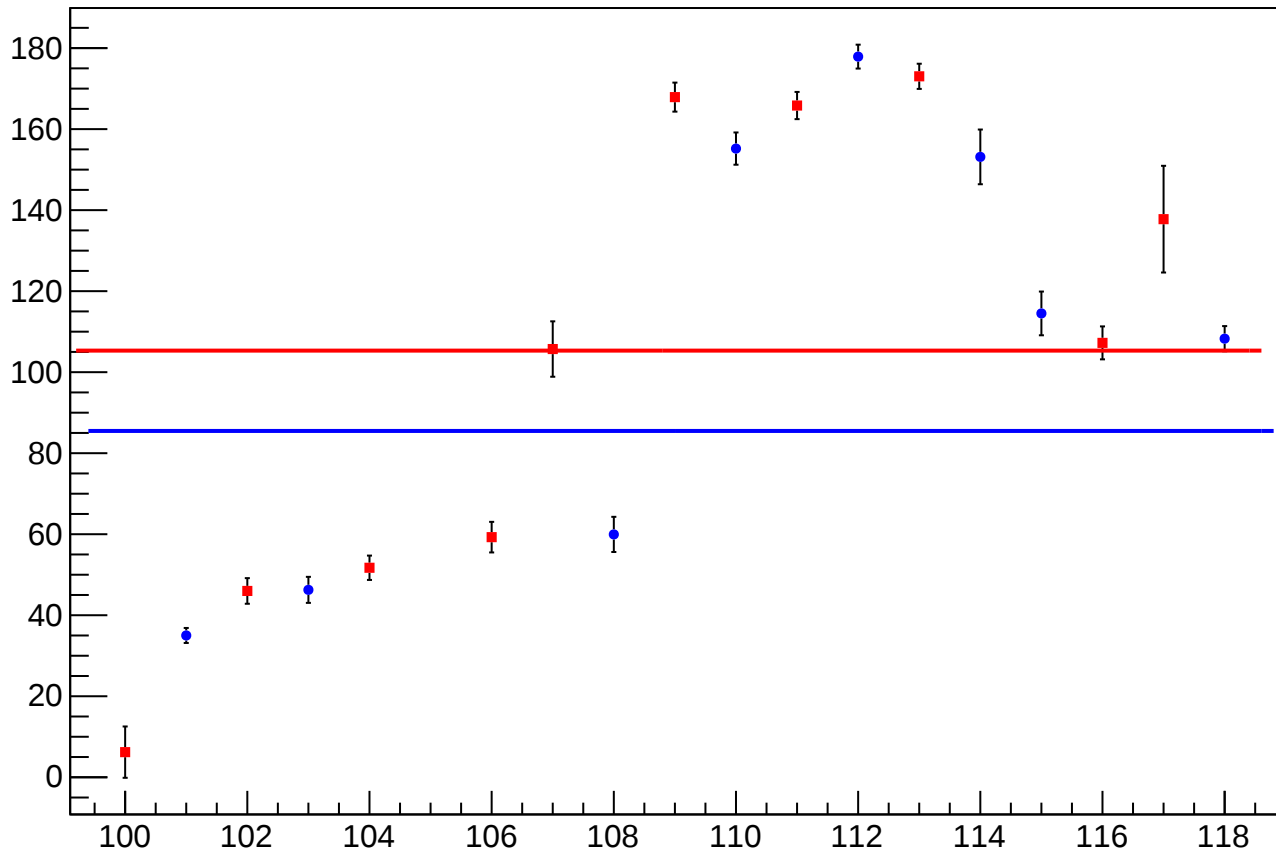
Right Out: 14.522+/-0.791 χ^2/NDF : 164.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.765+/-0.594 χ^2/NDF : 320.8/7

14.522+/-0.791 χ^2/NDF : 164.8/9

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 85.493+/-1.133 χ^2/NDF : 2397.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

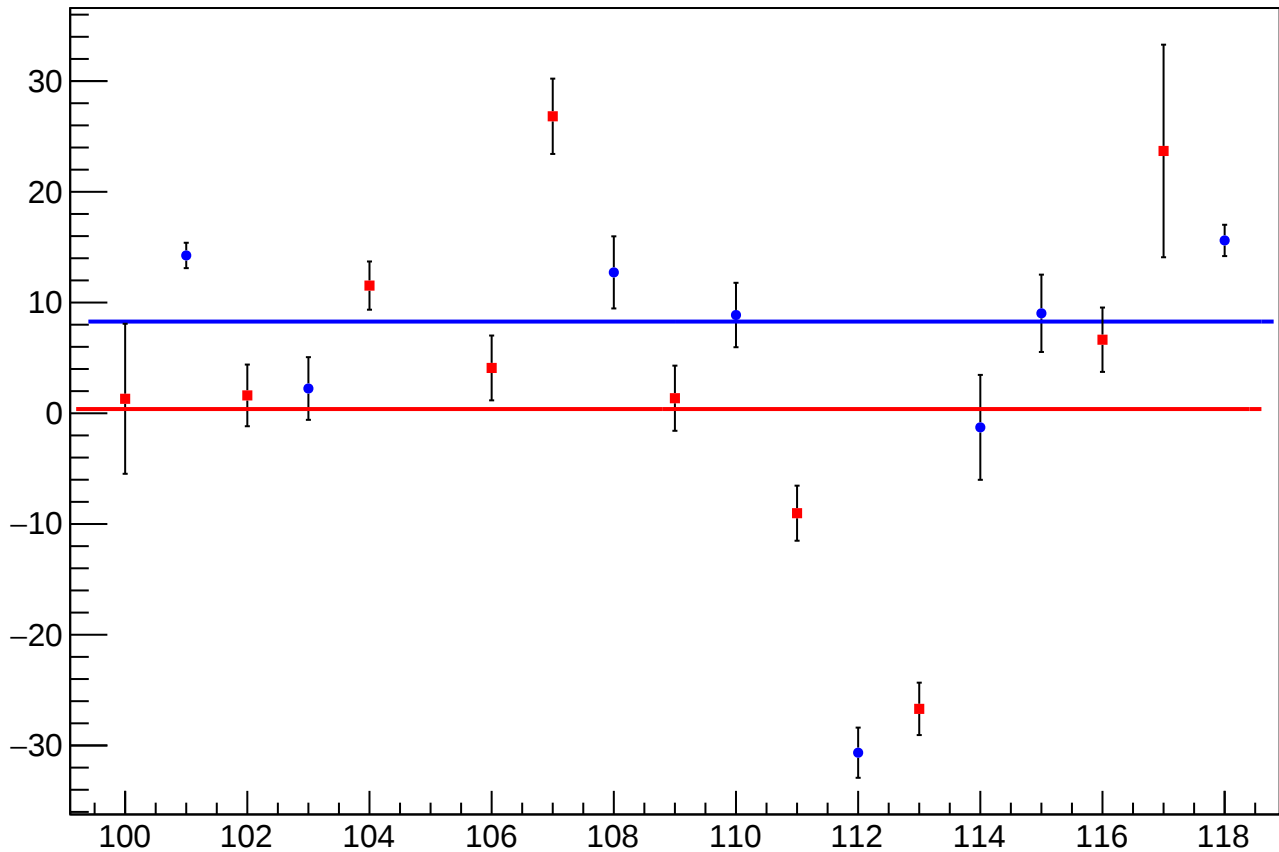
Right Out: 105.324+/-1.228 χ^2/NDF : 2174.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

85.493+/-1.133 χ^2/NDF : 2397.9/7

105.324+/-1.228 χ^2/NDF : 2174.4/9

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 8.282+/-0.722 χ^2/NDF : 359.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

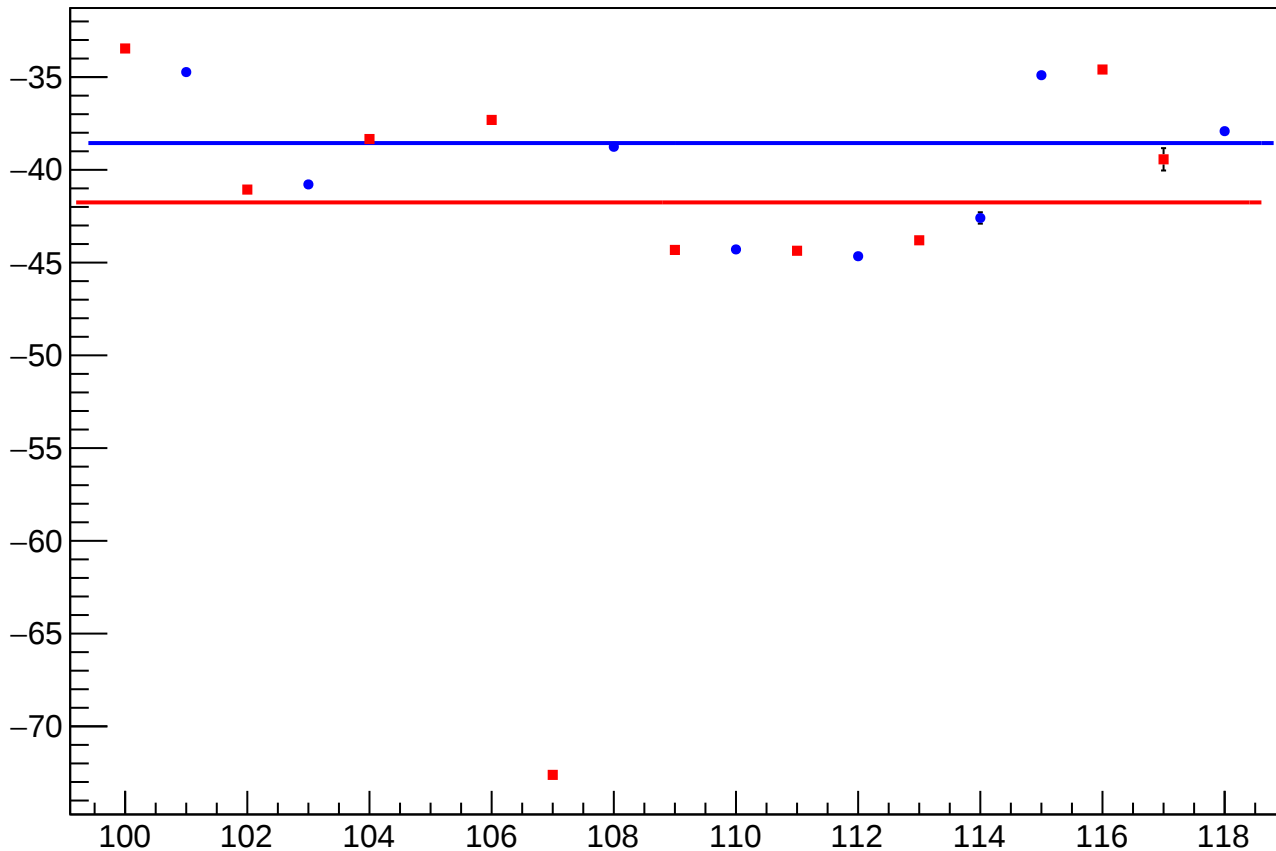
Right Out: 0.382+/-0.932 χ^2/NDF : 244.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.282+/-0.722 χ^2/NDF : 359.7/7

0.382+/-0.932 χ^2/NDF : 244.4/9

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -38.557+/-0.038 χ^2/NDF : 7550.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

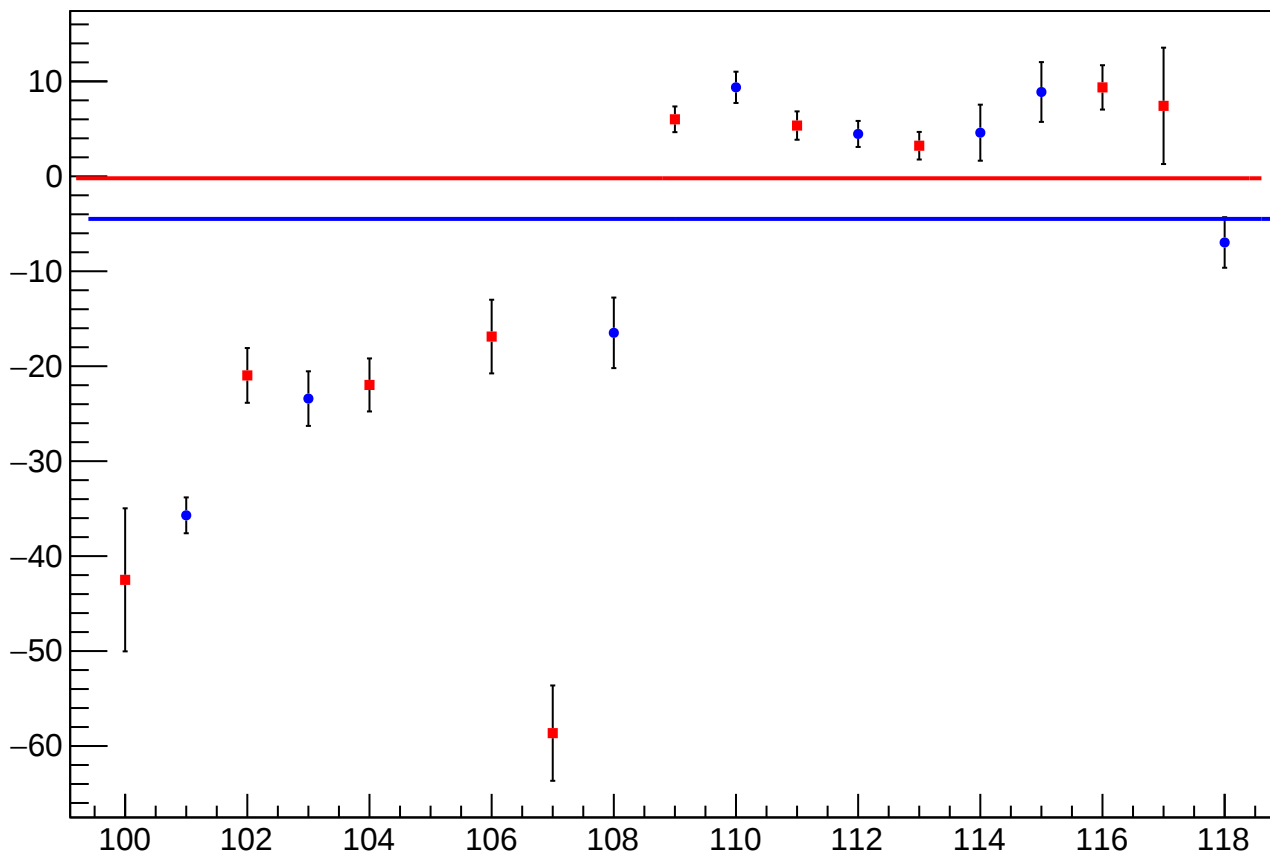
-38.557+/-0.038 χ^2/NDF : 7550.2/7

Right Out: -41.756+/-0.038 χ^2/NDF : 46610.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.756+/-0.038 χ^2/NDF : 46610.3/9

reg_asym_us_dd_diff_bpm4aX_slope vs Slug



Right In: -4.486+/-0.760 χ^2/NDF : 468.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

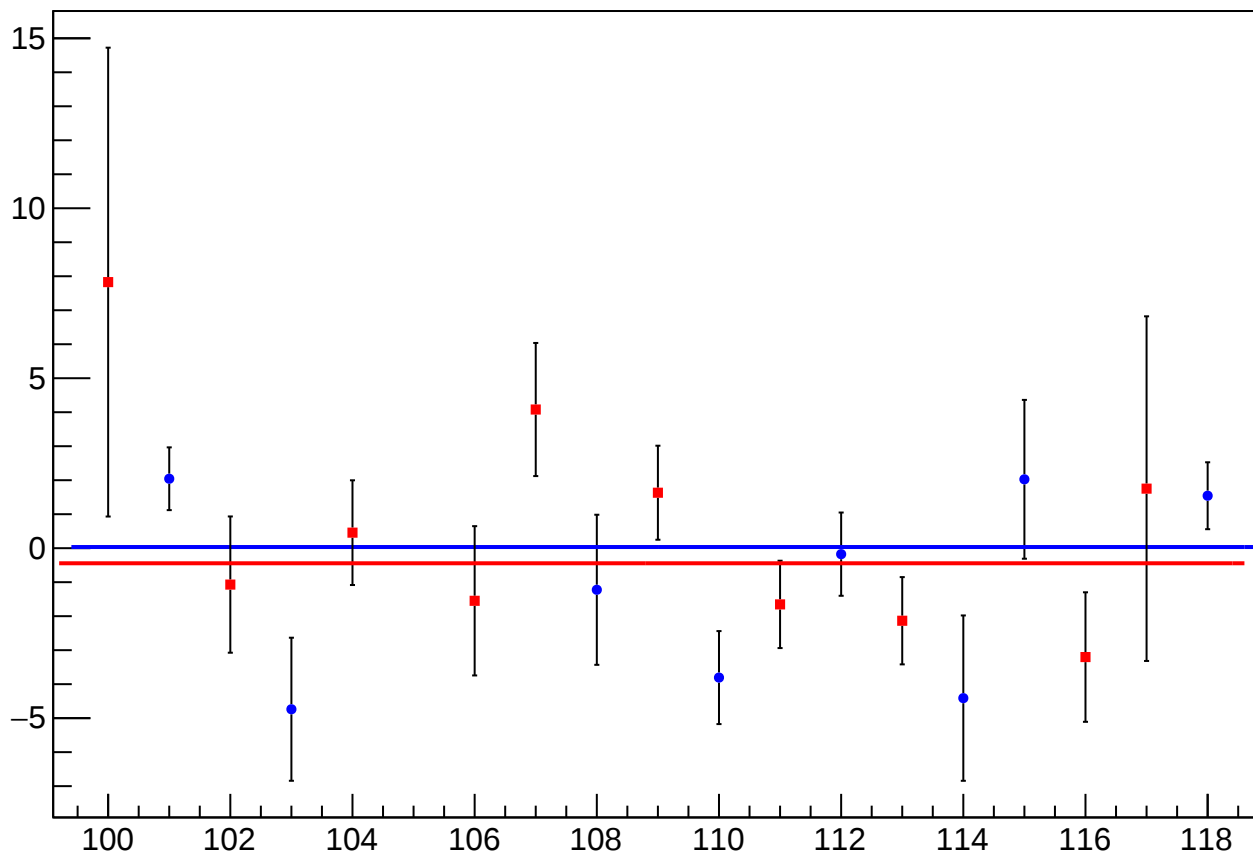
Right Out: -0.207+/-0.698 χ^2/NDF : 356.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.486+/-0.760 χ^2/NDF : 468.9/7

-0.207+/-0.698 χ^2/NDF : 356.9/9

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.034+/-0.489 χ^2/NDF : 24.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

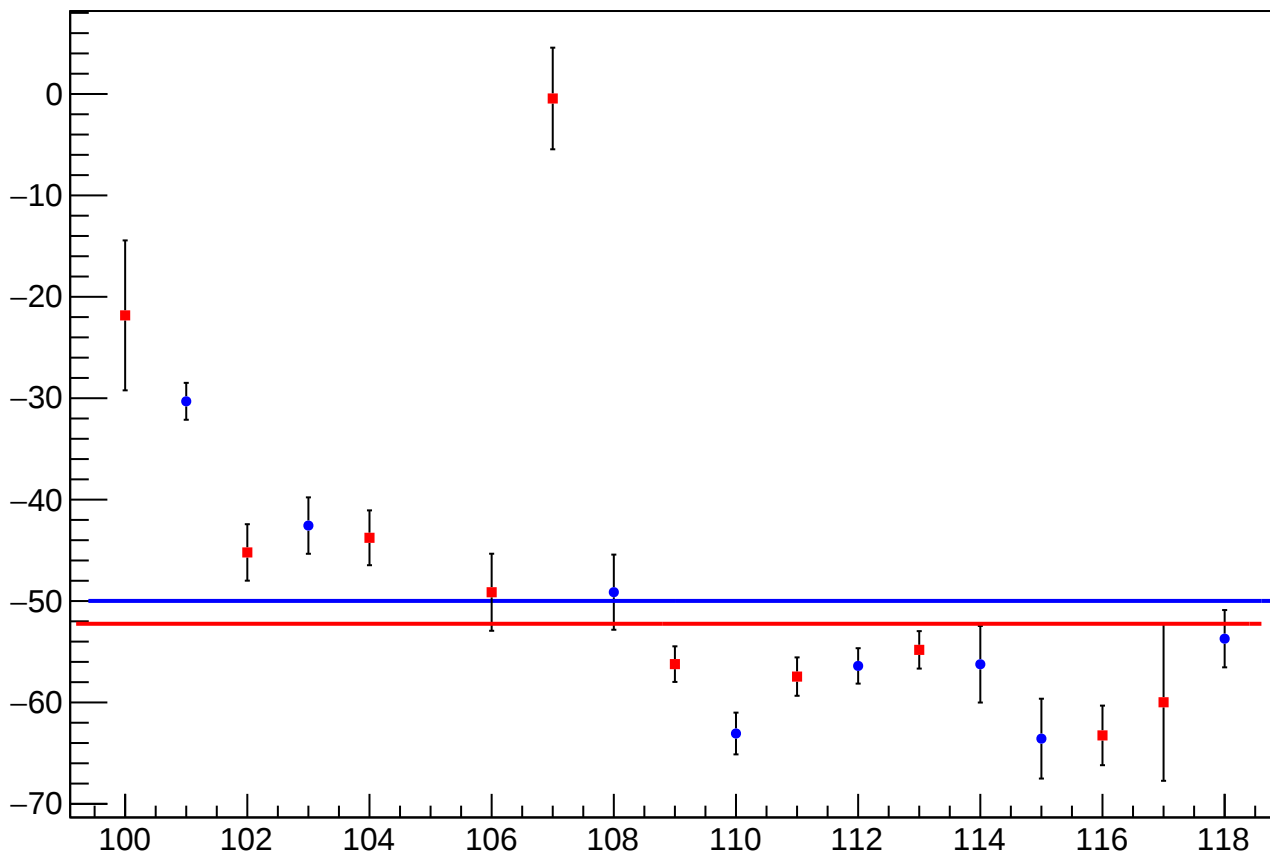
Right Out: -0.444+/-0.558 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.489 χ^2/NDF : 24.5/7

-0.444+/-0.558 χ^2/NDF : 14.6/9

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -49.987 ± 0.868 χ^2/NDF : 194.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

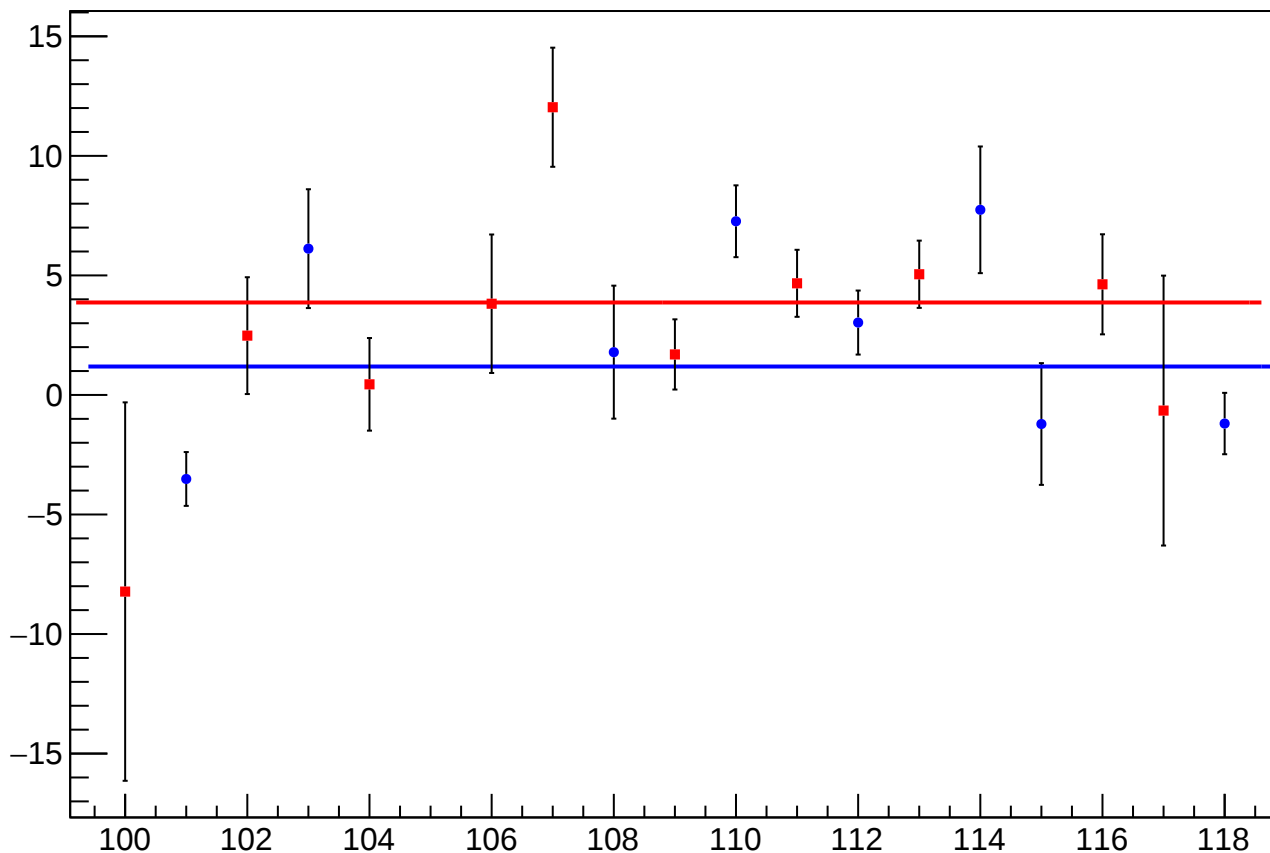
Right Out: -52.241 ± 0.838 χ^2/NDF : 170.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-49.987 ± 0.868 χ^2/NDF : 194.4/7

-52.241 ± 0.838 χ^2/NDF : 170.4/9

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.189+/-0.579 χ^2/NDF : 50.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

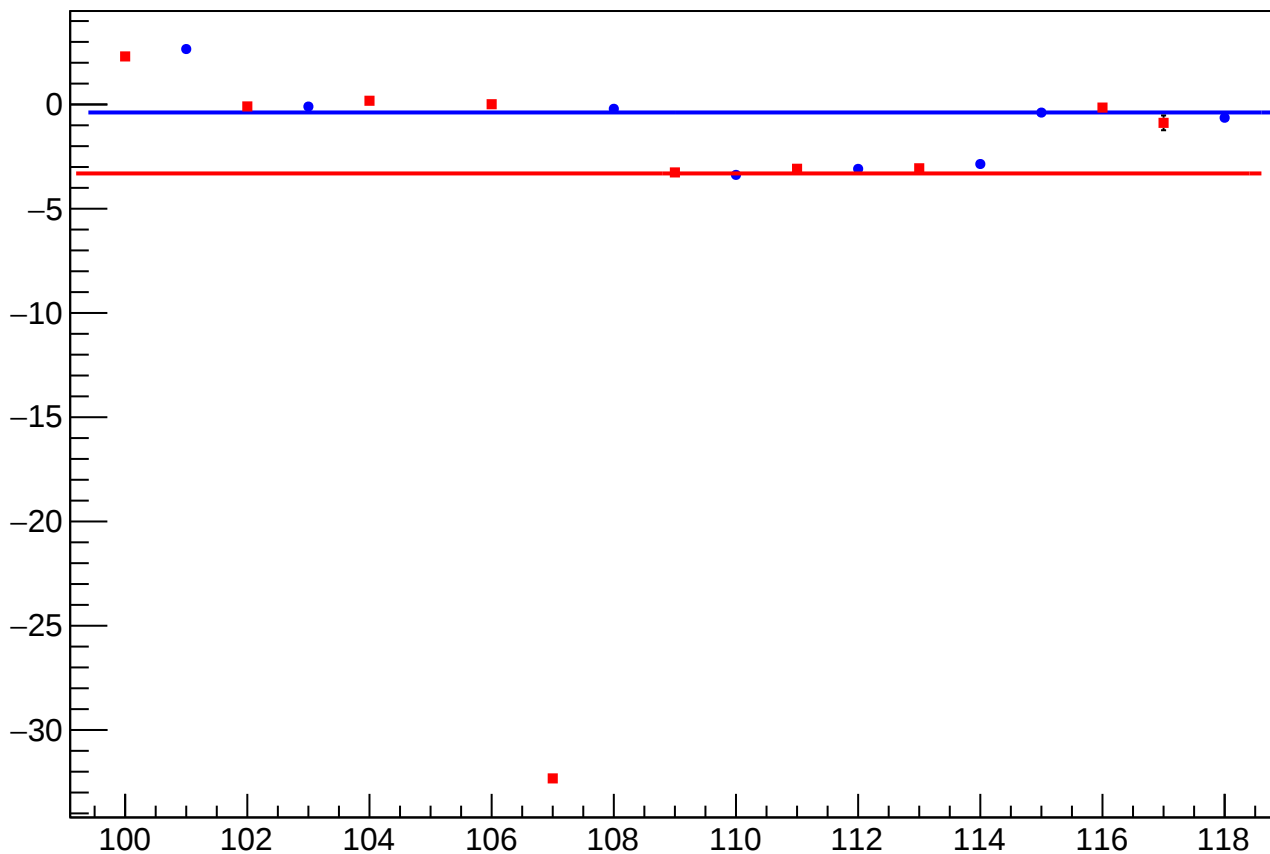
Right Out: 3.868+/-0.636 χ^2/NDF : 20.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.189+/-0.579 χ^2/NDF : 50.1/7

3.868+/-0.636 χ^2/NDF : 20.5/9

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: -0.384+/-0.031 χ^2 /NDF: 4397.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

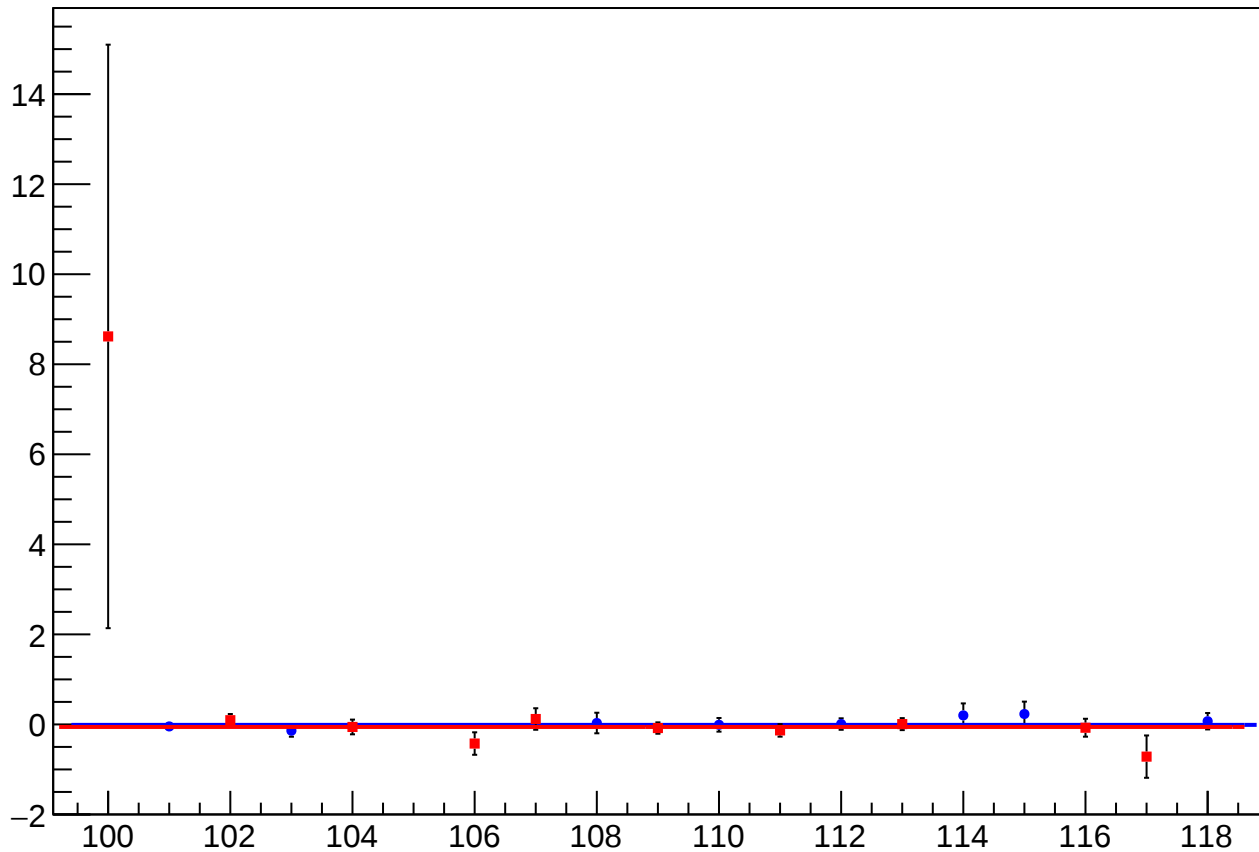
Right Out: -3.309+/-0.030 χ^2 /NDF: 70877.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.384+/-0.031 χ^2 /NDF: 4397.6/7

-3.309+/-0.030 χ^2 /NDF: 70877.2/9

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug



Right In: -0.010+/-0.054 χ^2 /NDF: 2.7/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

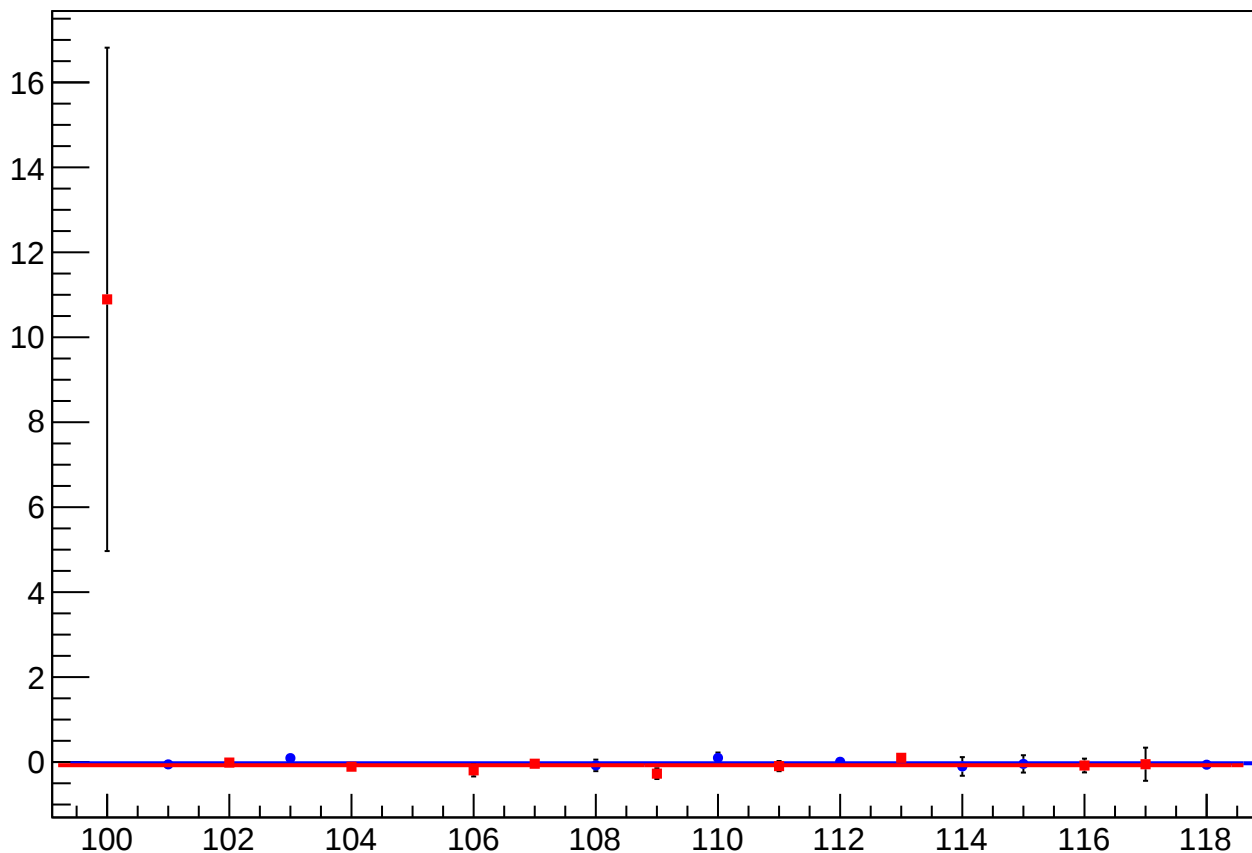
Right Out: -0.056+/-0.055 χ^2 /NDF: 8.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.010+/-0.054 χ^2 /NDF: 2.7/7

-0.056+/-0.055 χ^2 /NDF: 8.3/9

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.029 $\pm$ 0.032 χ^2 /NDF: 3.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

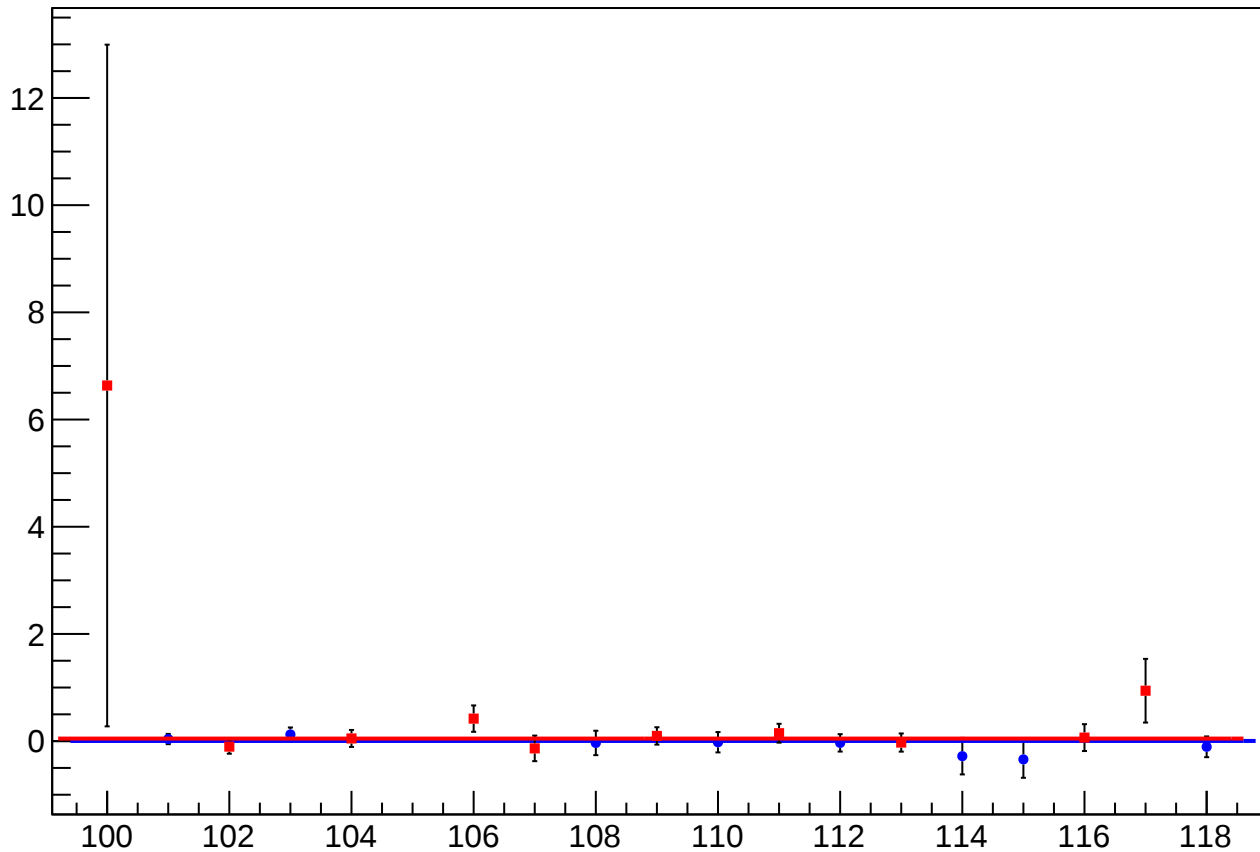
Right Out: -0.075 $\pm$ 0.040 χ^2 /NDF: 9.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.029 $\pm$ 0.032 χ^2 /NDF: 3.4/7

-0.075 $\pm$ 0.040 χ^2 /NDF: 9.5/9

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.004+/-0.058 χ^2/NDF : 3.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

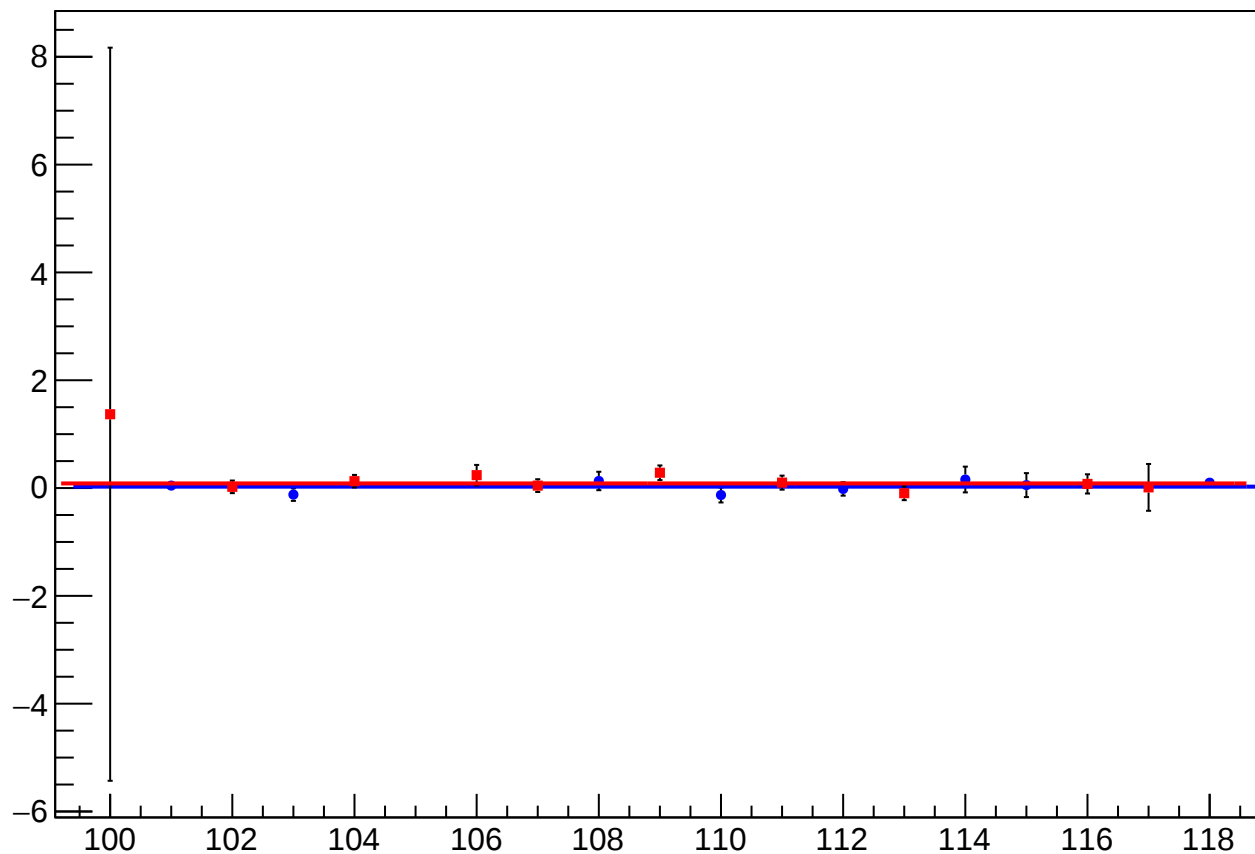
Right Out: 0.048+/-0.063 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.058 χ^2/NDF : 3.1/7

0.048+/-0.063 χ^2/NDF : 8.1/9

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.026+/-0.038 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

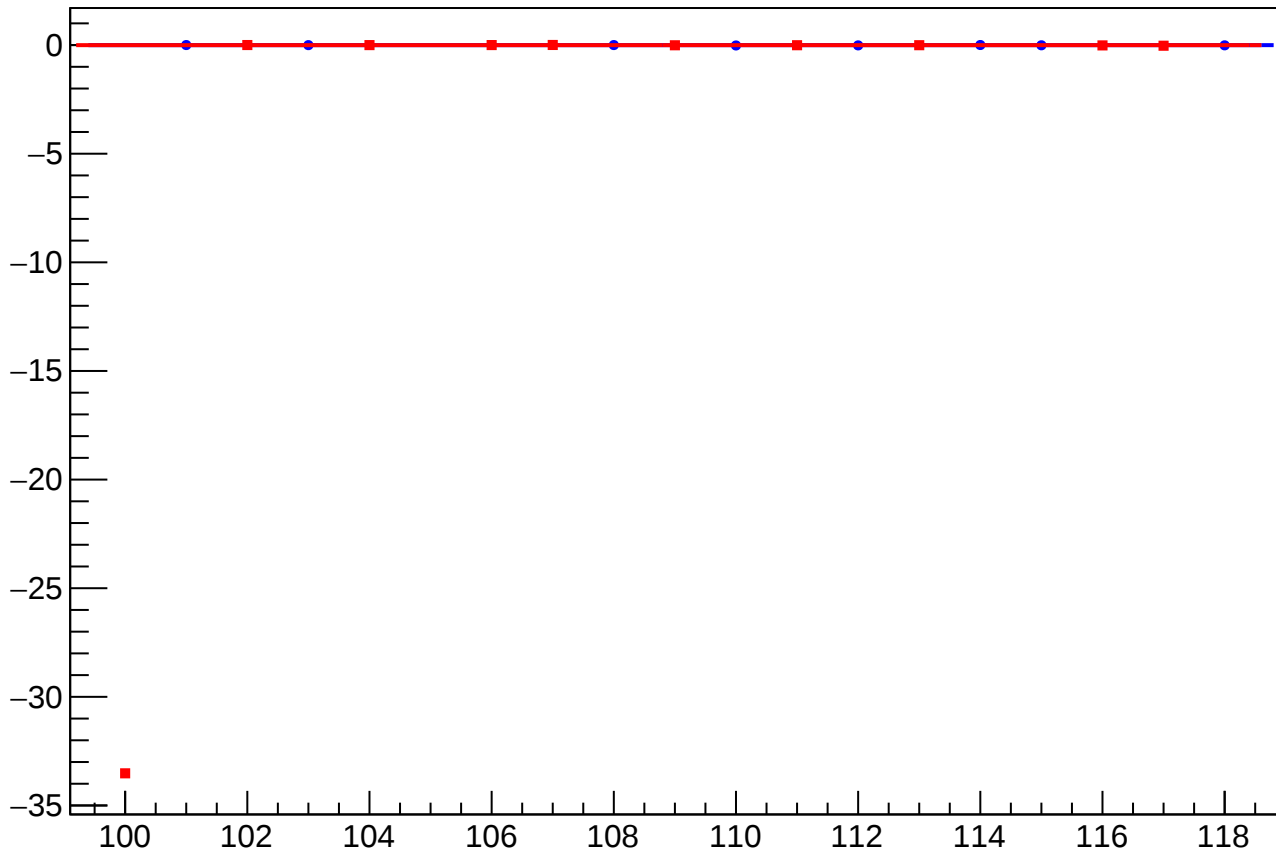
Right Out: 0.086+/-0.047 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.026+/-0.038 χ^2/NDF : 4.5/7

0.086+/-0.047 χ^2/NDF : 5.4/9

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.003 $\pm$ 0.002 χ^2 /NDF: 8.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

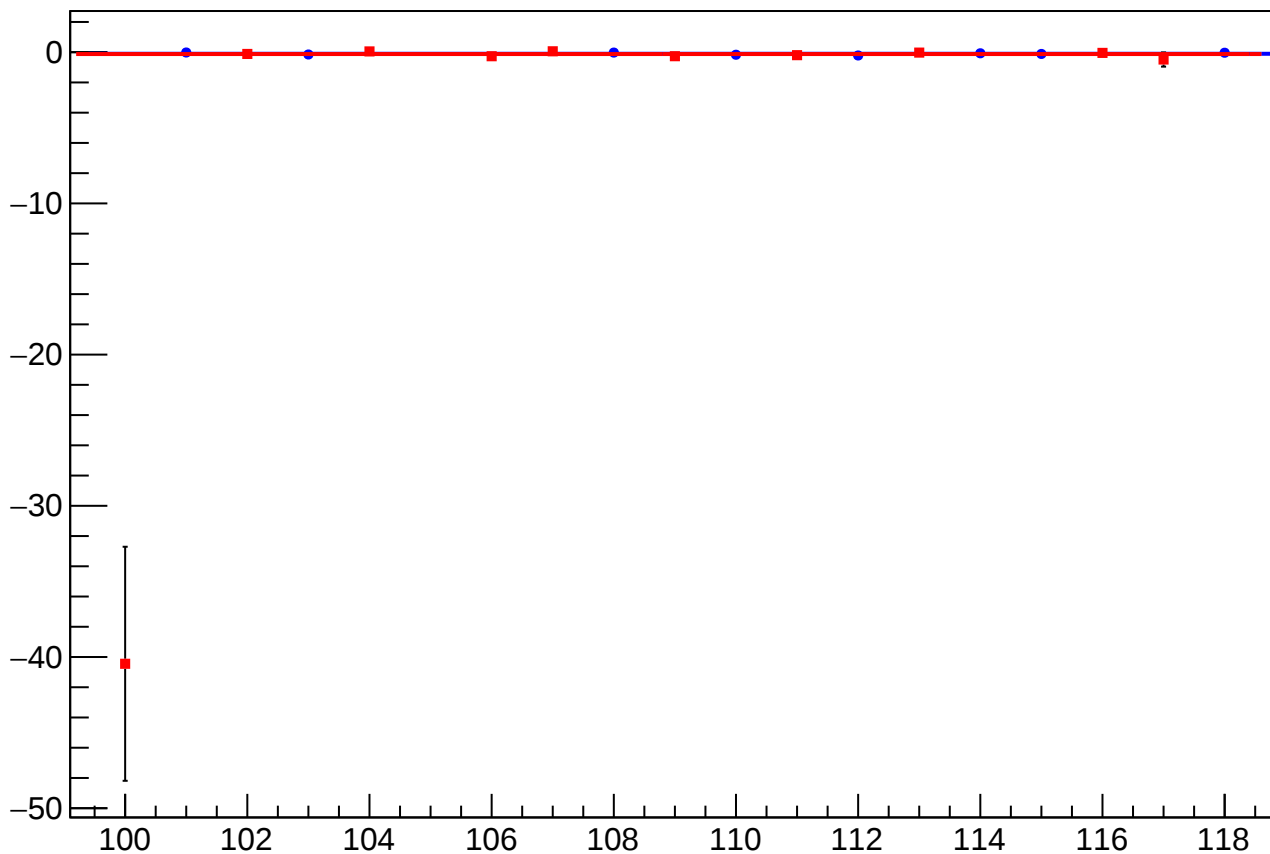
Right Out: -0.003 $\pm$ 0.002 χ^2 /NDF: 26497.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.003 $\pm$ 0.002 χ^2 /NDF: 8.7/7

-0.003 $\pm$ 0.002 χ^2 /NDF: 26497.4/9

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug



Right In: -0.104+/-0.054 χ^2/NDF : 2.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

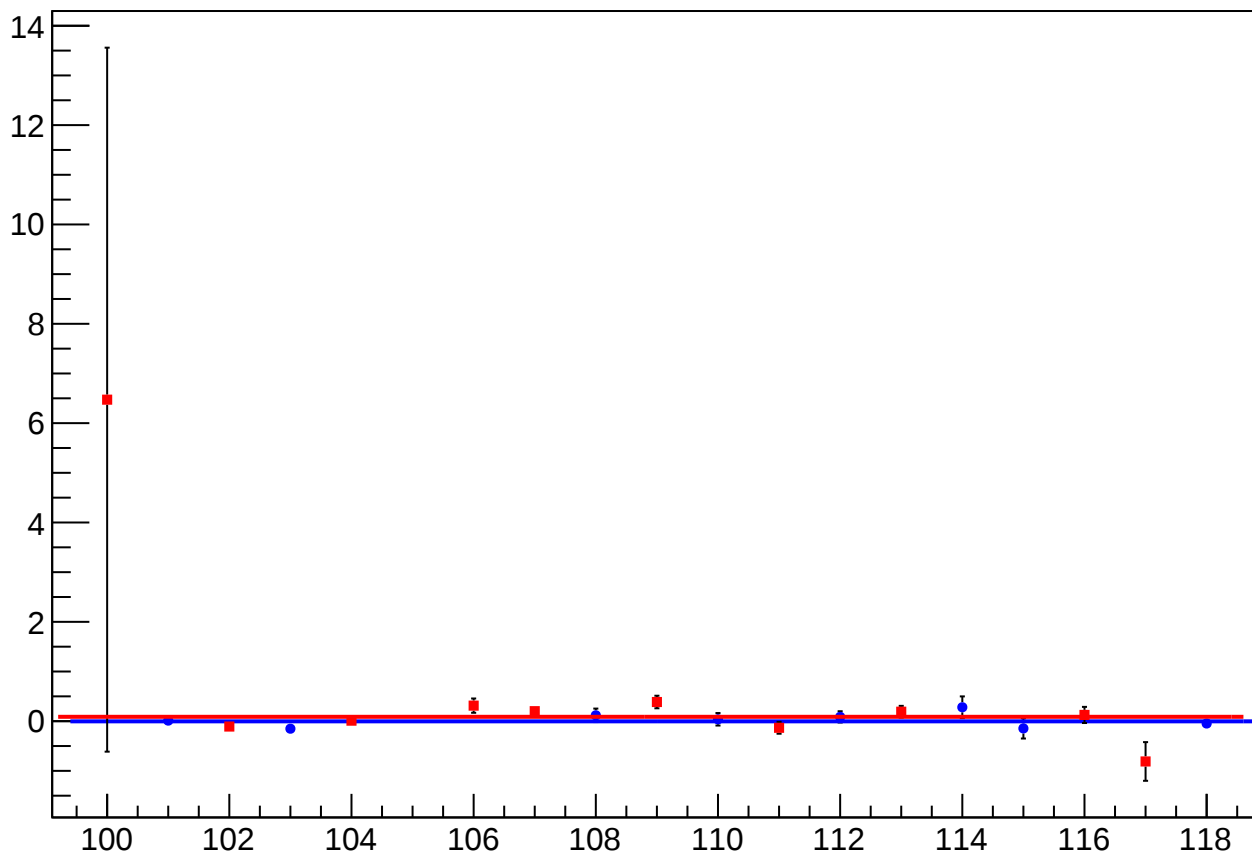
Right Out: -0.122+/-0.055 χ^2/NDF : 32.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.104+/-0.054 χ^2/NDF : 2.1/7

-0.122+/-0.055 χ^2/NDF : 32.0/9

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.003+/-0.032 χ^2/NDF : 6.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

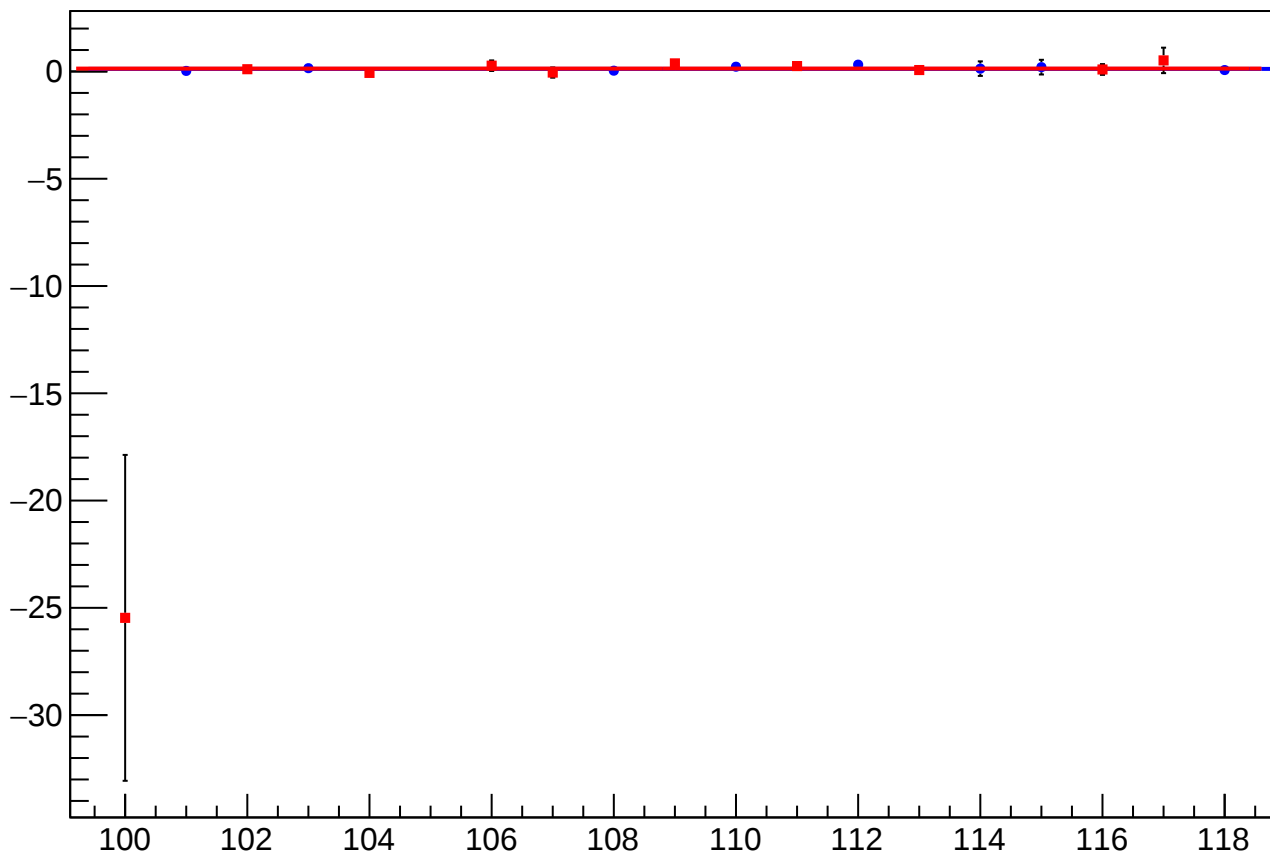
Right Out: 0.088+/-0.040 χ^2/NDF : 24.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.003+/-0.032 χ^2/NDF : 6.5/7

0.088+/-0.040 χ^2/NDF : 24.7/9

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.120+/-0.058 χ^2/NDF : 3.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

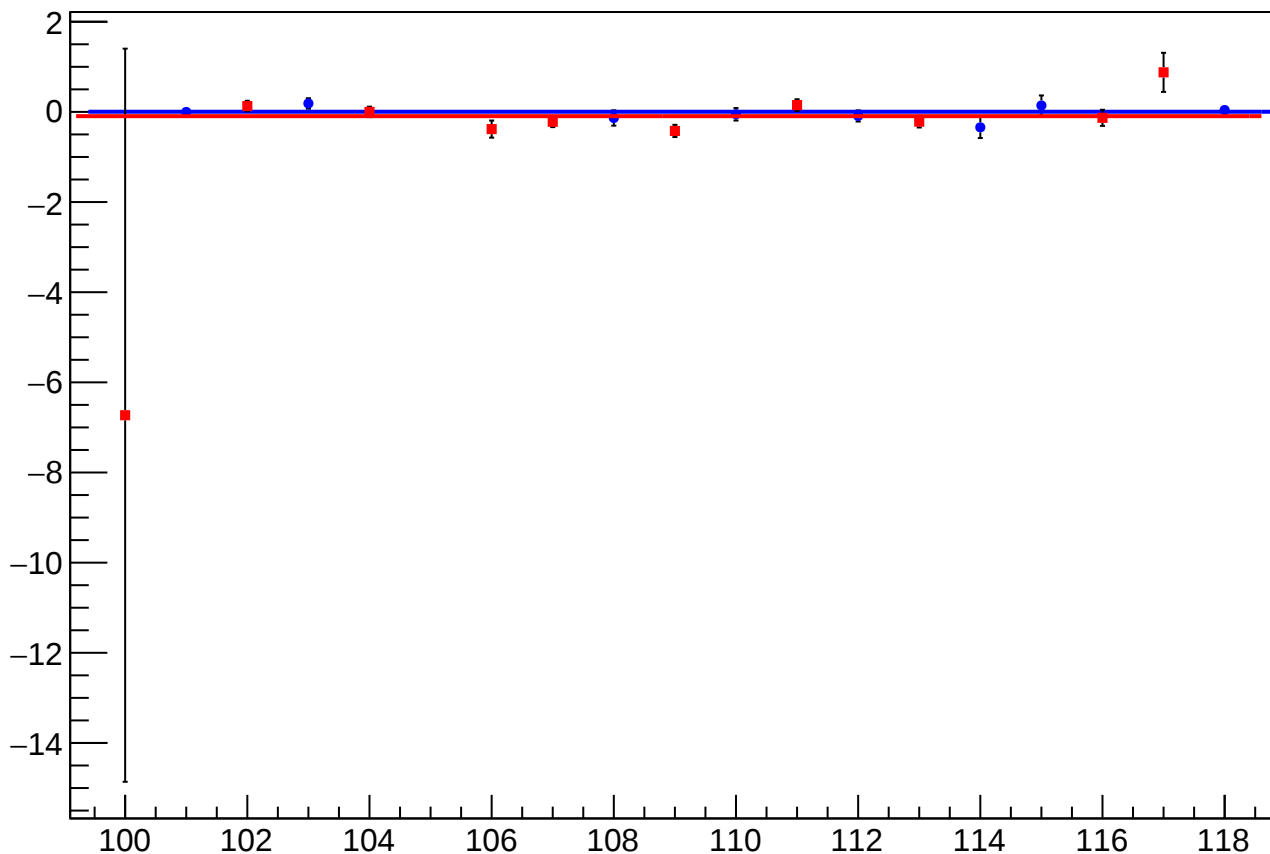
Right Out: 0.134+/-0.063 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.120+/-0.058 χ^2/NDF : 3.1/7

0.134+/-0.063 χ^2/NDF : 17.2/9

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.004 $\pm$ 0.038 χ^2 /NDF: 6.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

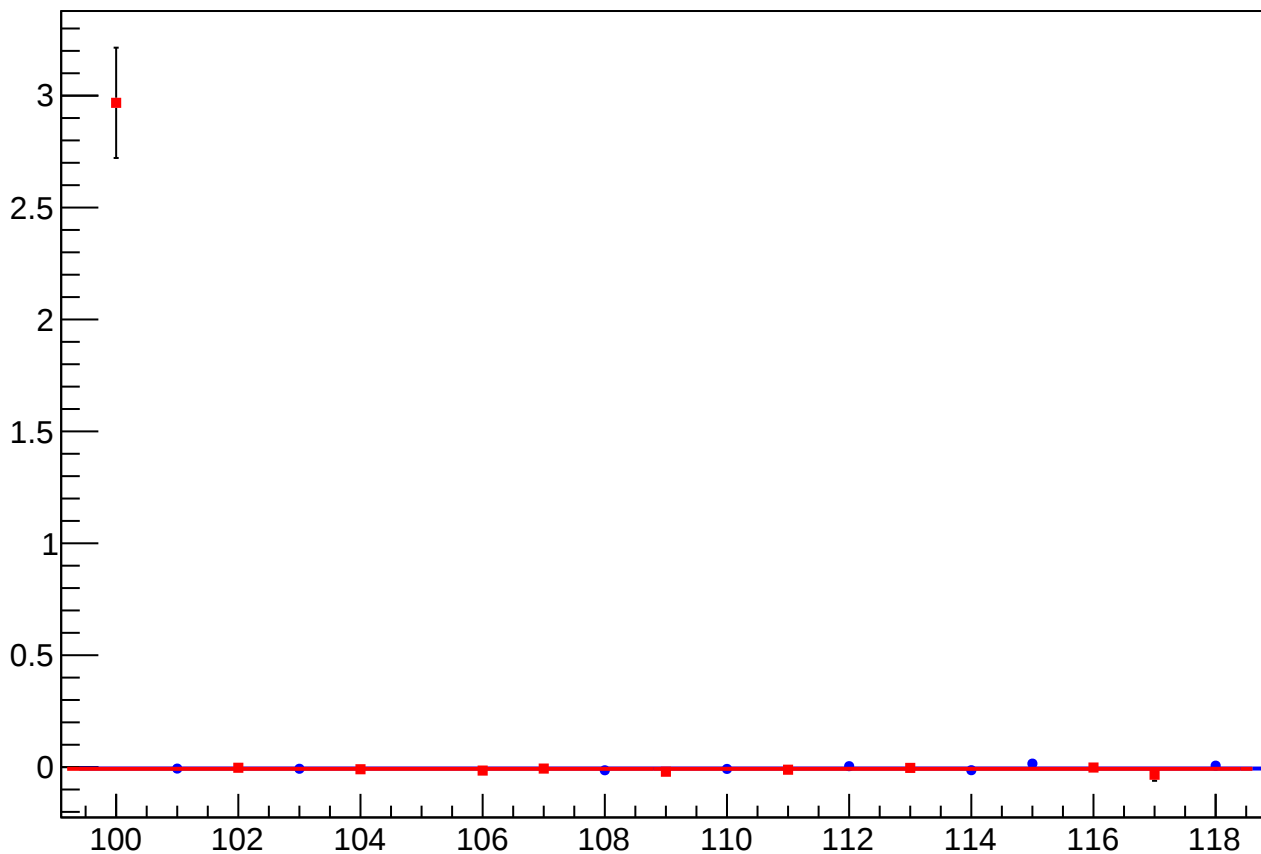
Right Out: -0.095 $\pm$ 0.047 χ^2 /NDF: 23.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.038 χ^2 /NDF: 6.6/7

-0.095 $\pm$ 0.047 χ^2 /NDF: 23.8/9

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 $\pm$ 0.002 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

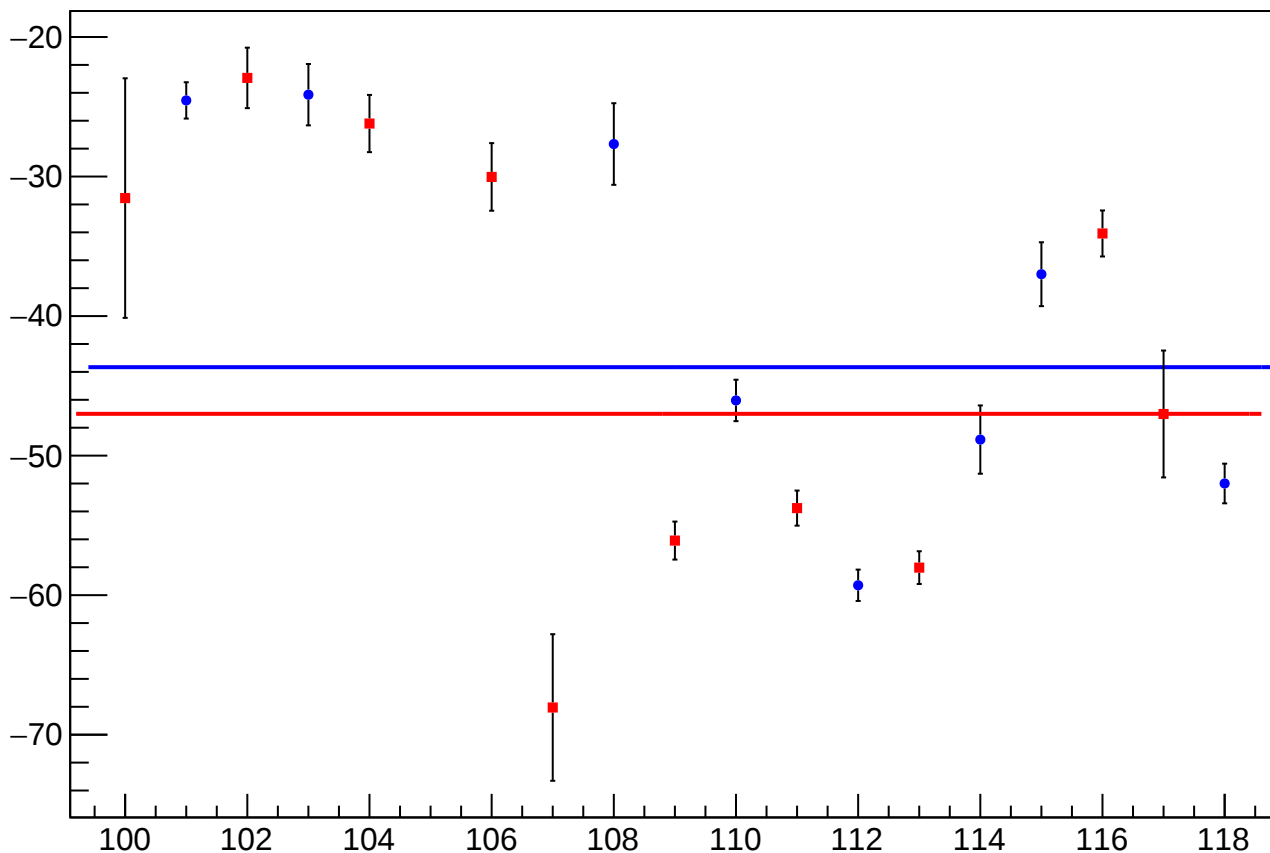
Right Out: -0.008 $\pm$ 0.002 χ^2 /NDF: 155.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.006 $\pm$ 0.002 χ^2 /NDF: 9.5/7

-0.008 $\pm$ 0.002 χ^2 /NDF: 155.3/9

reg_asym_left_avg_diff_bpm4aX_slope vs Slug



Right In: -43.661+/-0.576 χ^2/NDF : 567.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

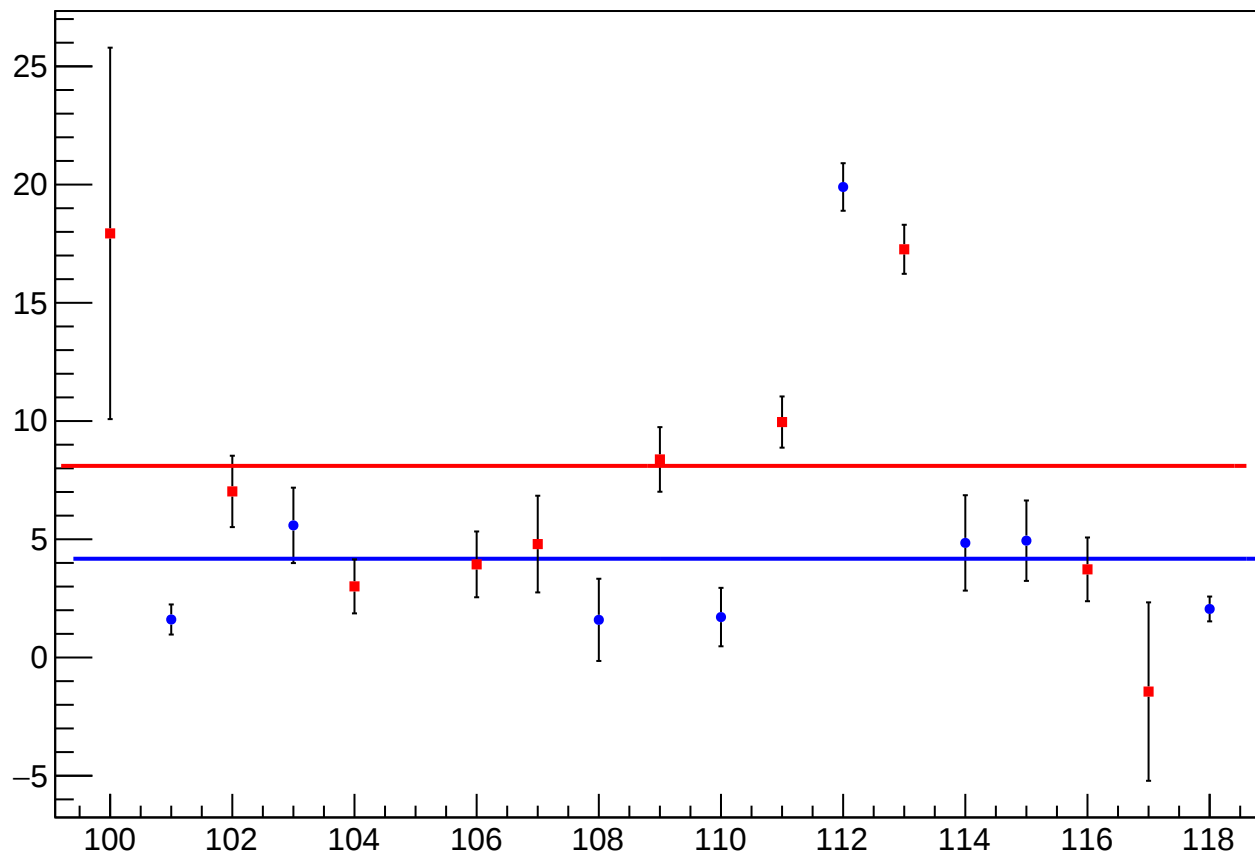
Right Out: -47.005+/-0.579 χ^2/NDF : 517.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.661+/-0.576 χ^2/NDF : 567.9/7

-47.005+/-0.579 χ^2/NDF : 517.7/9

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.177+/-0.332 χ^2/NDF : 284.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

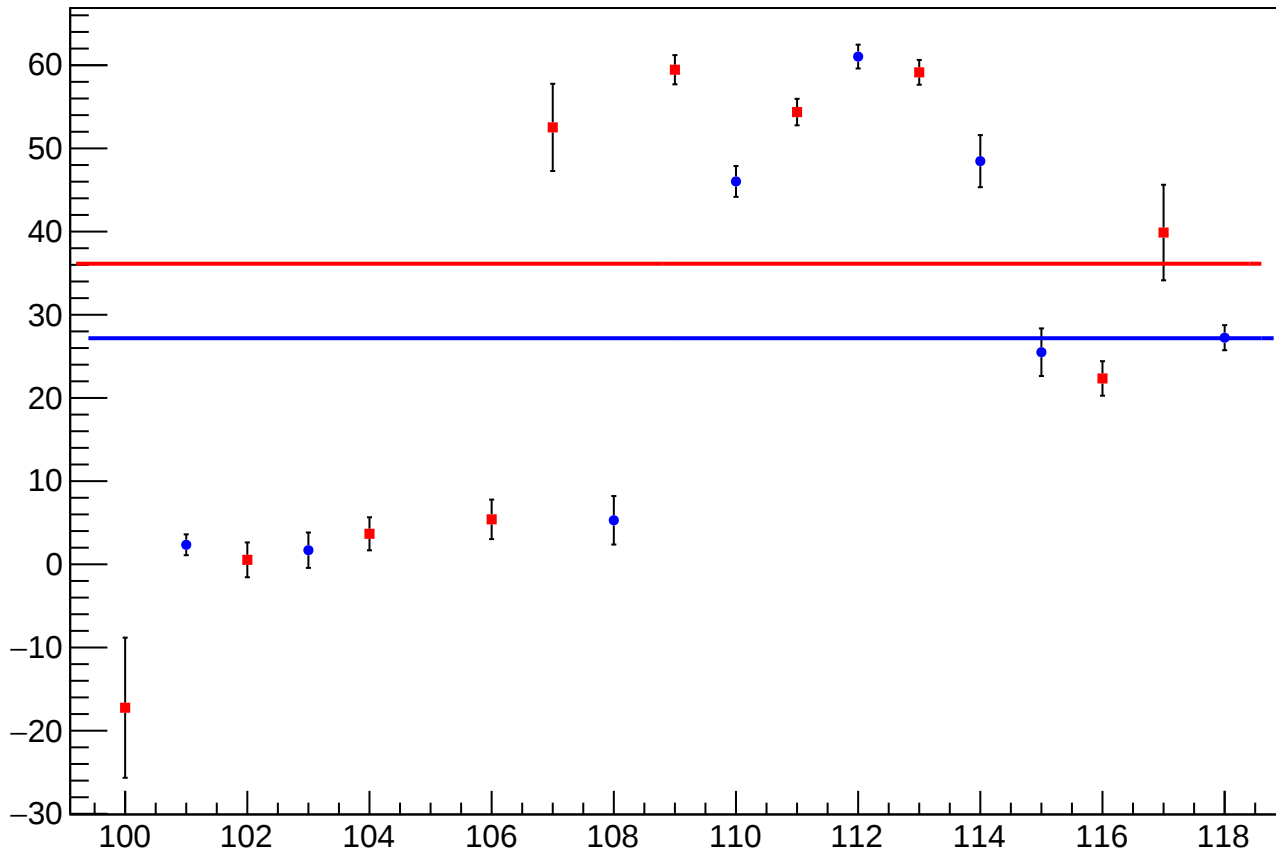
Right Out: 8.104+/-0.451 χ^2/NDF : 131.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.177+/-0.332 χ^2/NDF : 284.3/7

8.104+/-0.451 χ^2/NDF : 131.5/9

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 27.180 $\pm$ 0.643 χ^2 /NDF: 1301.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

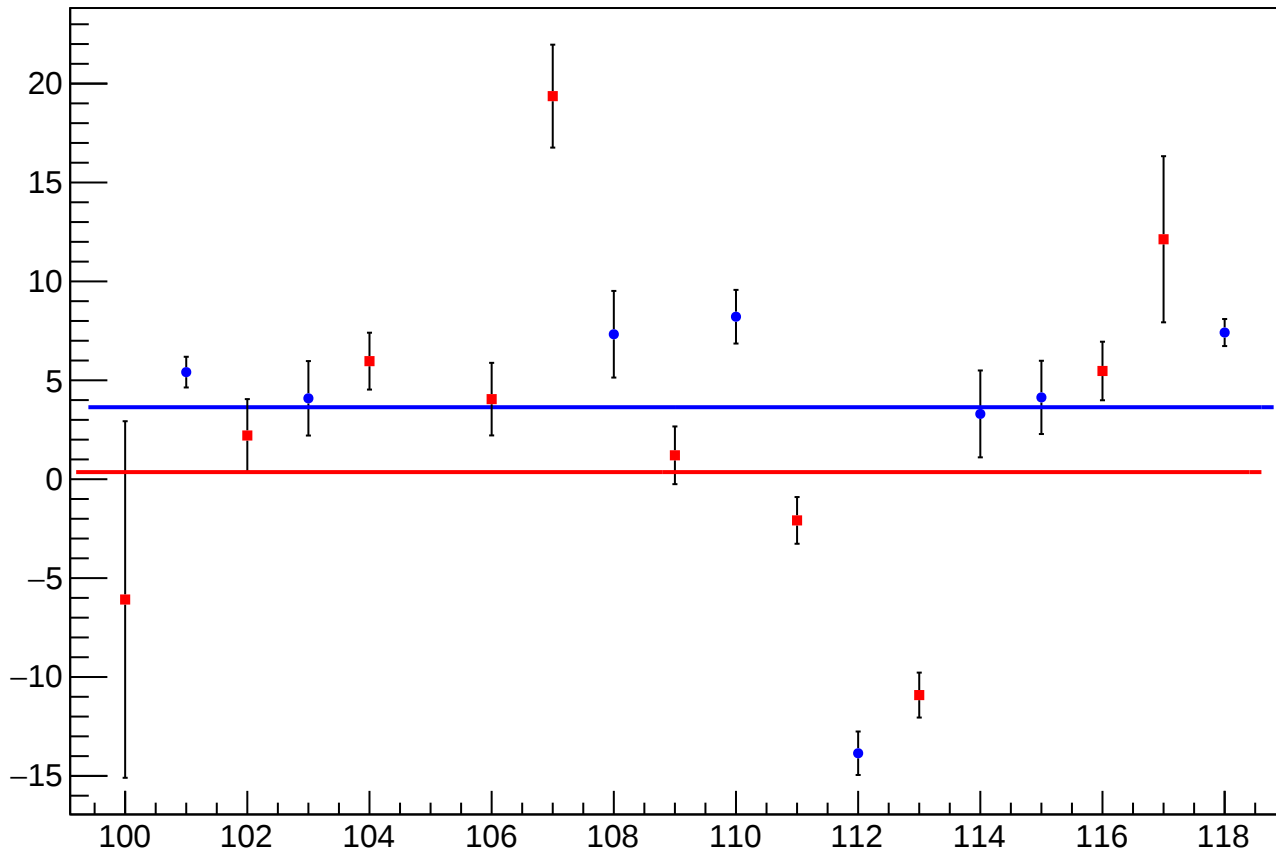
Right Out: 36.138 $\pm$ 0.684 χ^2 /NDF: 1363.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.180 $\pm$ 0.643 χ^2 /NDF: 1301.2/7

36.138 $\pm$ 0.684 χ^2 /NDF: 1363.2/9

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 3.640 $\pm$ 0.403 χ^2 /NDF: 303.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

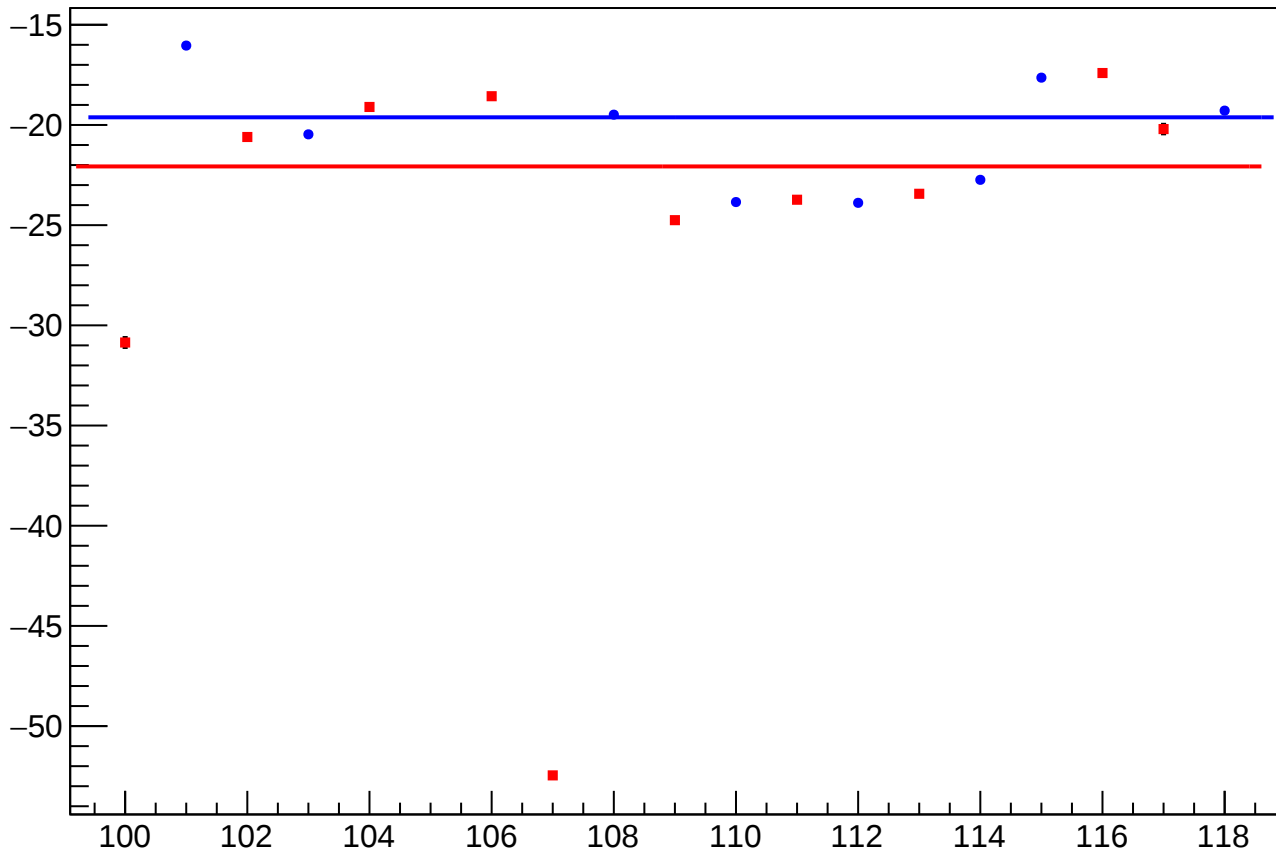
Right Out: 0.359 $\pm$ 0.519 χ^2 /NDF: 197.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.640 $\pm$ 0.403 χ^2 /NDF: 303.4/7

0.359 $\pm$ 0.519 χ^2 /NDF: 197.0/9

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.618 $\pm$ 0.023 χ^2 /NDF: 13670.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

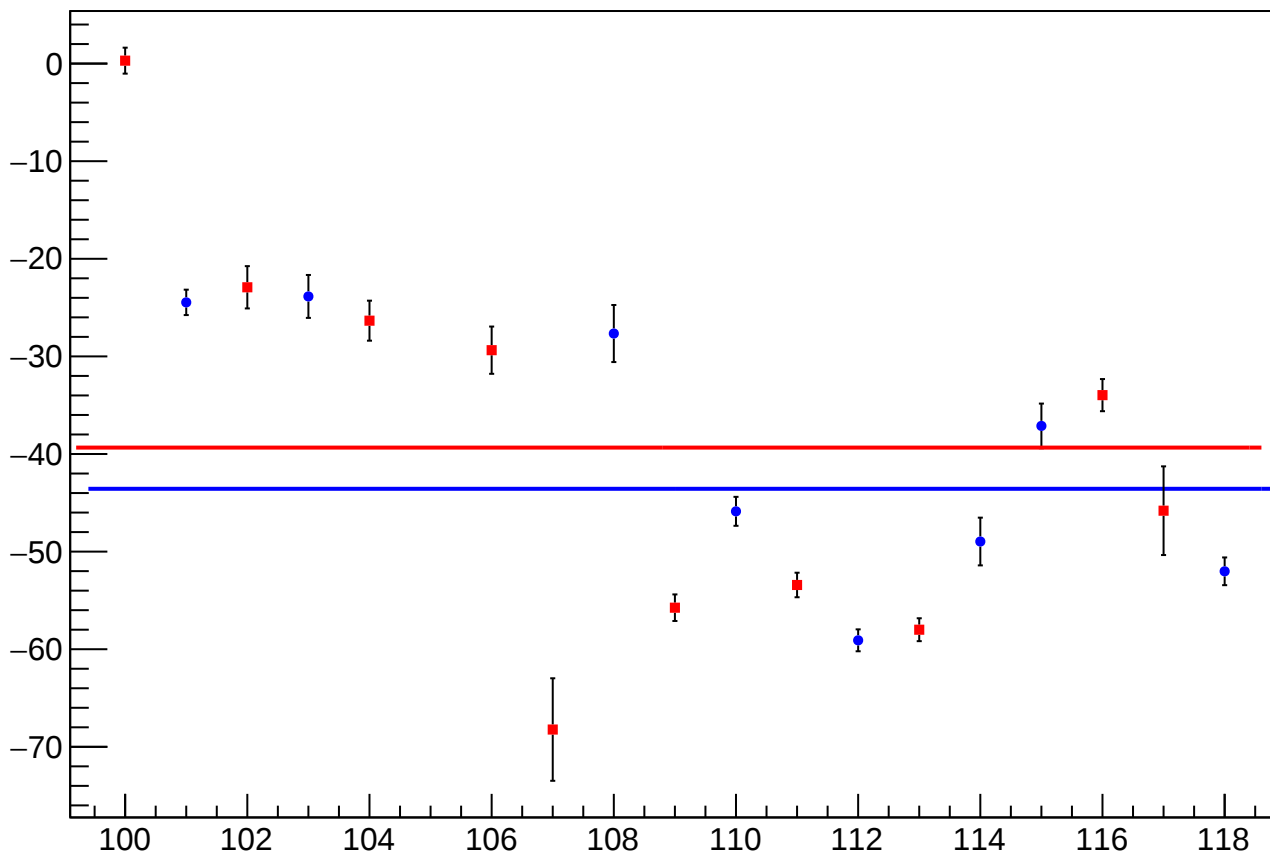
Right Out: -22.069 $\pm$ 0.023 χ^2 /NDF: 76901.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-19.618 $\pm$ 0.023 χ^2 /NDF: 13670.9/7

-22.069 $\pm$ 0.023 χ^2 /NDF: 76901.8/9

reg_asym_left_dd_diff_bpm4aX_slope vs Slug



Right In: -43.565+/-0.576 χ^2/NDF : 567.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

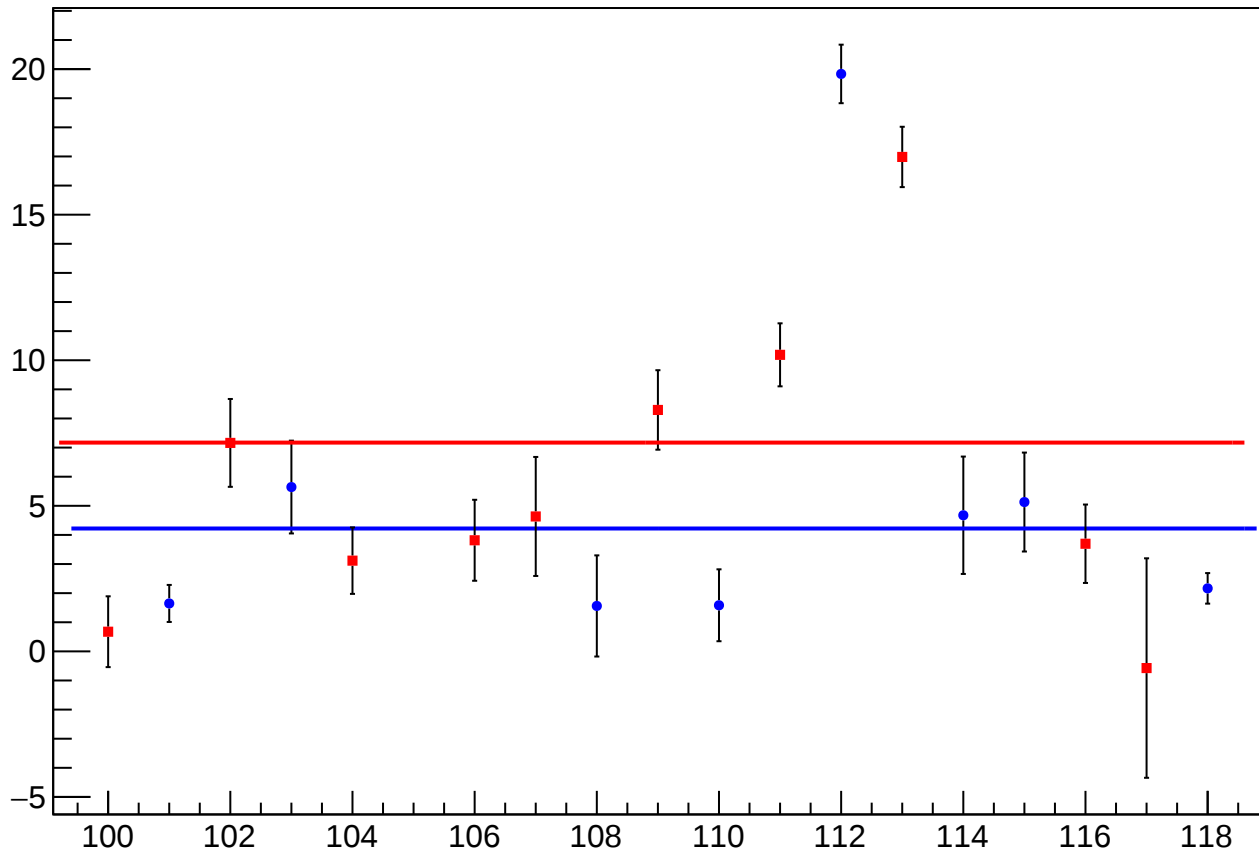
Right Out: -39.343+/-0.531 χ^2/NDF : 1569.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.565+/-0.576 χ^2/NDF : 567.2/7

-39.343+/-0.531 χ^2/NDF : 1569.9/9

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.221+/-0.332 χ^2/NDF : 281.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

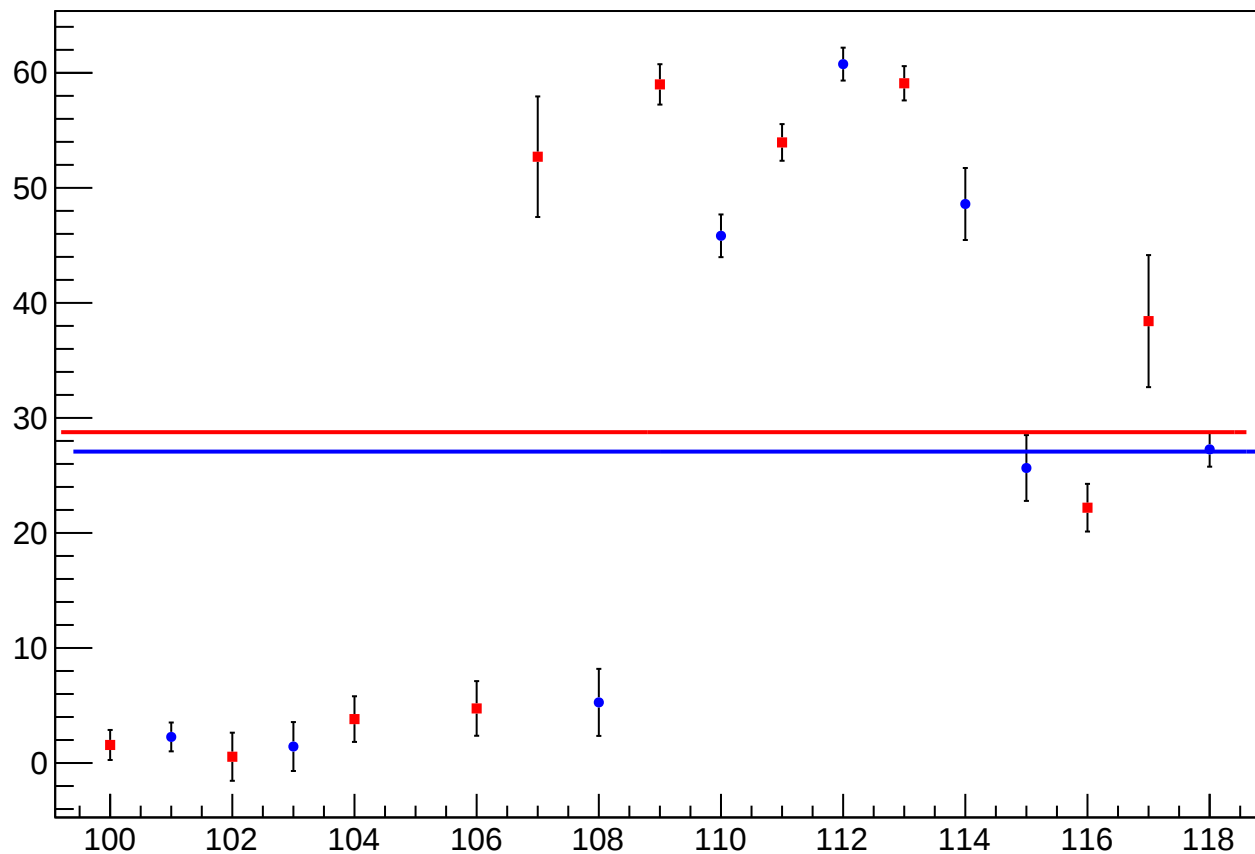
Right Out: 7.171+/-0.423 χ^2/NDF : 157.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.221+/-0.332 χ^2/NDF : 281.1/7

7.171+/-0.423 χ^2/NDF : 157.4/9

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 27.073+/-0.643 χ^2/NDF : 1297.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

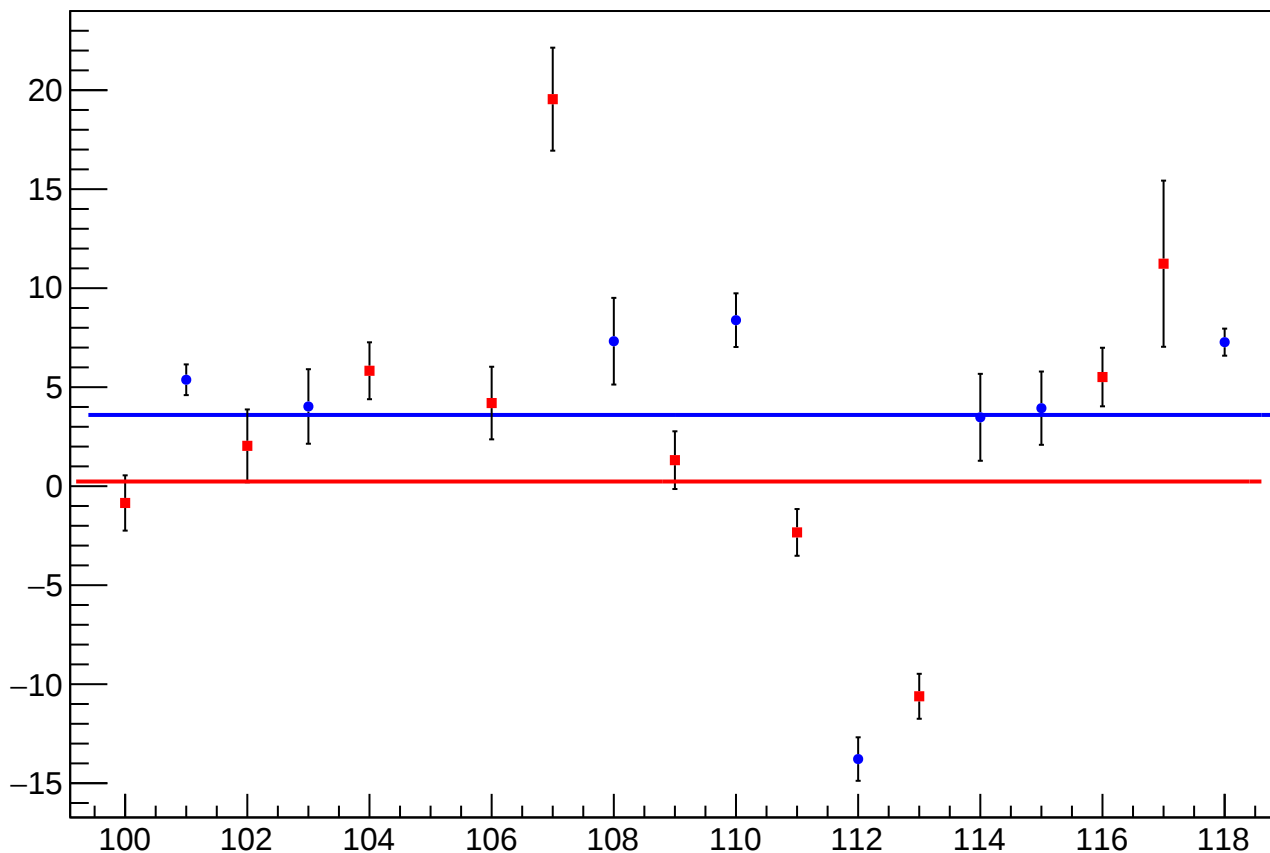
Right Out: 28.762+/-0.607 χ^2/NDF : 1870.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

27.073+/-0.643 χ^2/NDF : 1297.5/7

28.762+/-0.607 χ^2/NDF : 1870.4/9

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 3.598 $\pm$ 0.403 χ^2 /NDF: 300.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

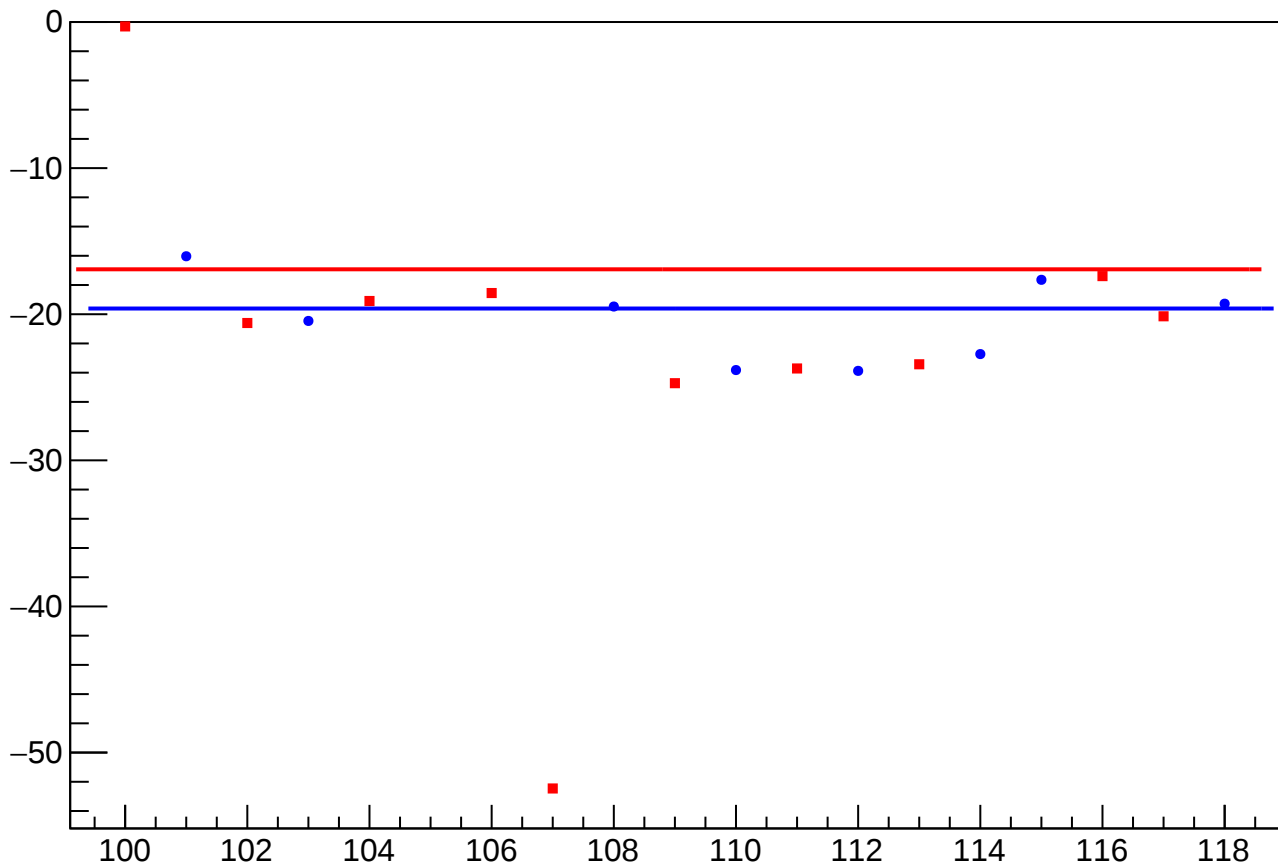
Right Out: 0.236 $\pm$ 0.487 χ^2 /NDF: 192.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.598 $\pm$ 0.403 χ^2 /NDF: 300.0/7

0.236 $\pm$ 0.487 χ^2 /NDF: 192.7/9

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.609+/-0.023 χ^2/NDF : 13648.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

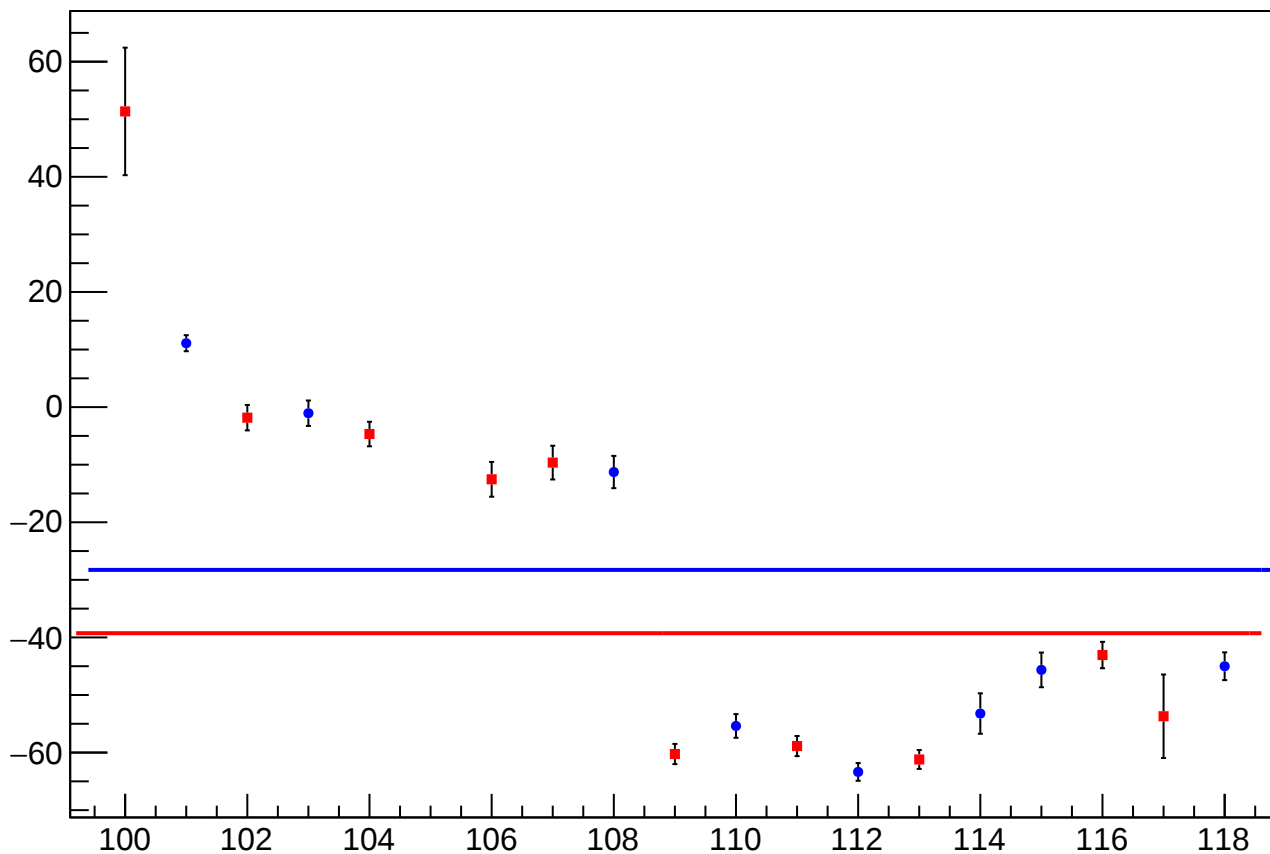
-19.609+/-0.023 χ^2/NDF : 13648.9/7

Right Out: -16.925+/-0.020 χ^2/NDF : 277679.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-16.925+/-0.020 χ^2/NDF : 277679.3/9

reg_asym_right_avg_diff_bpm4aX_slope vs Slug



Right In: -28.272+/-0.732 χ^2/NDF : 1809.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

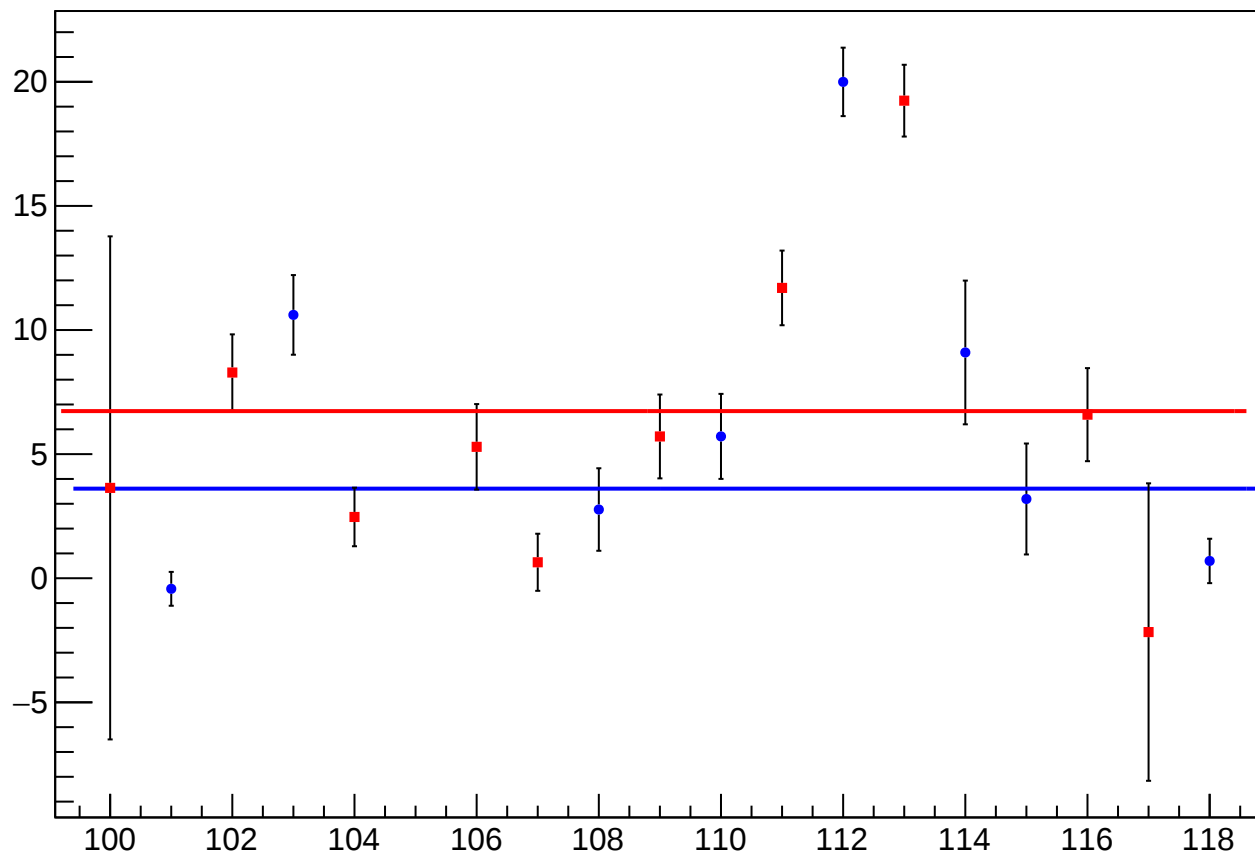
Right Out: -39.269+/-0.727 χ^2/NDF : 1252.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.272+/-0.732 χ^2/NDF : 1809.0/7

-39.269+/-0.727 χ^2/NDF : 1252.1/9

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 3.609+/-0.433 χ^2/NDF : 211.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

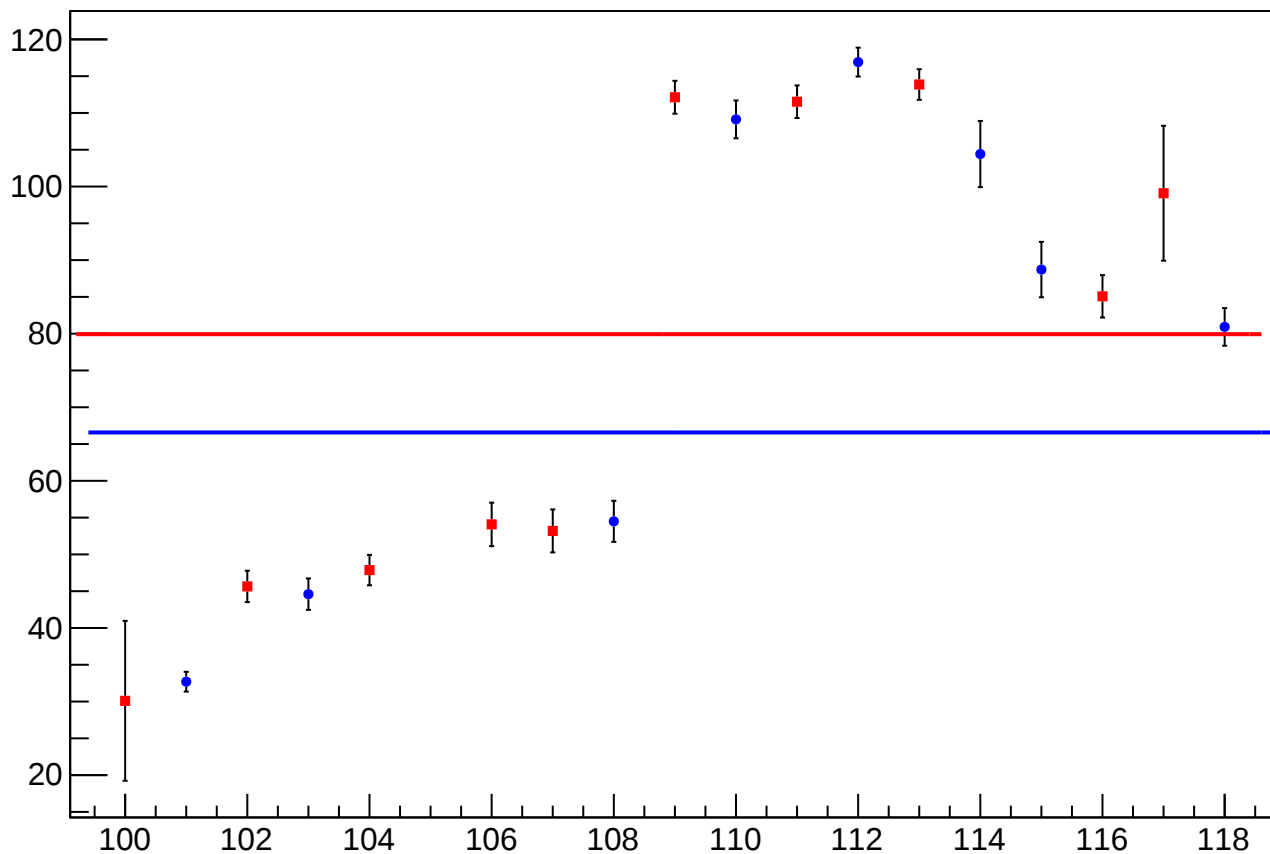
Right Out: 6.733+/-0.511 χ^2/NDF : 131.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.609+/-0.433 χ^2/NDF : 211.3/7

6.733+/-0.511 χ^2/NDF : 131.2/9

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 66.573+/-0.794 χ^2/NDF : 1827.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

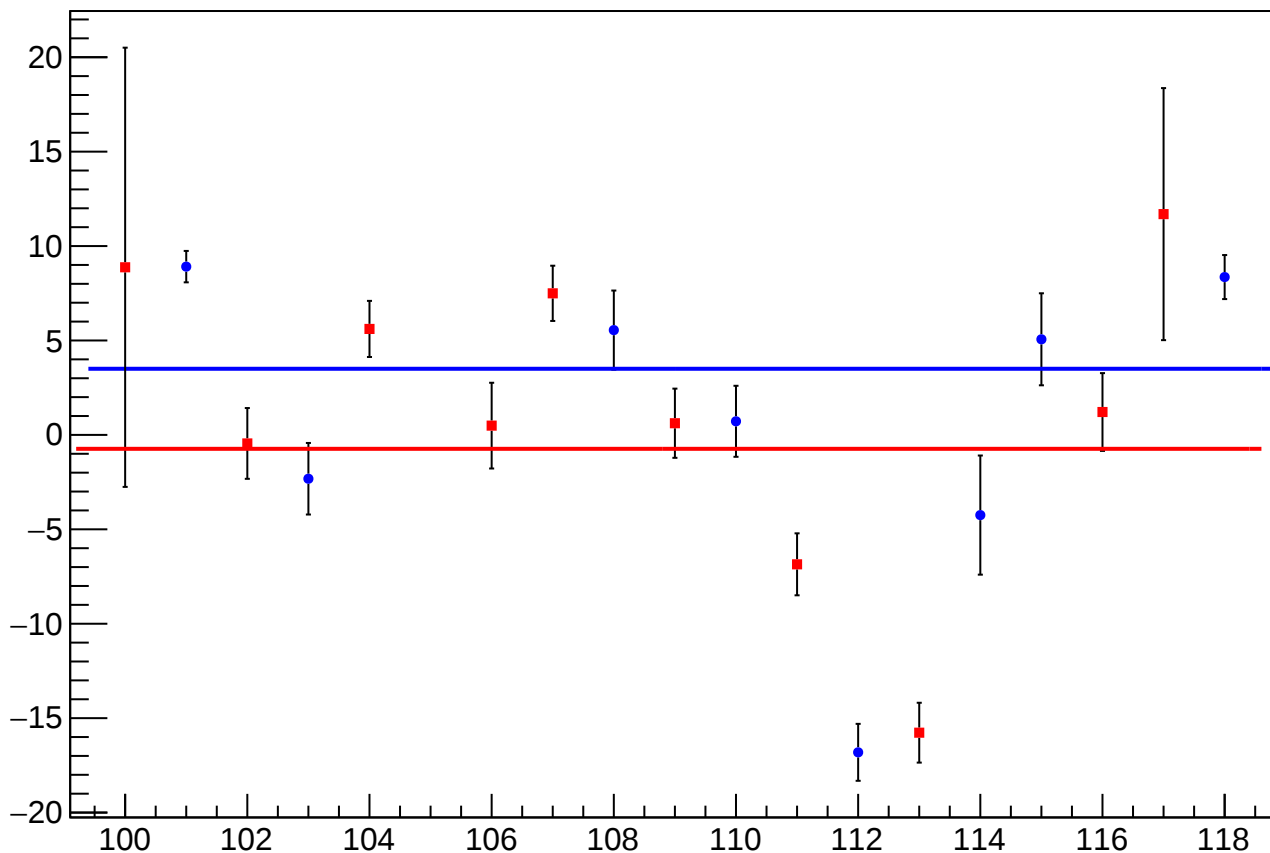
Right Out: 79.932+/-0.827 χ^2/NDF : 1365.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

66.573+/-0.794 χ^2/NDF : 1827.9/7

79.932+/-0.827 χ^2/NDF : 1365.1/9

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 3.502 $\pm$ 0.521 χ^2 /NDF: 260.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

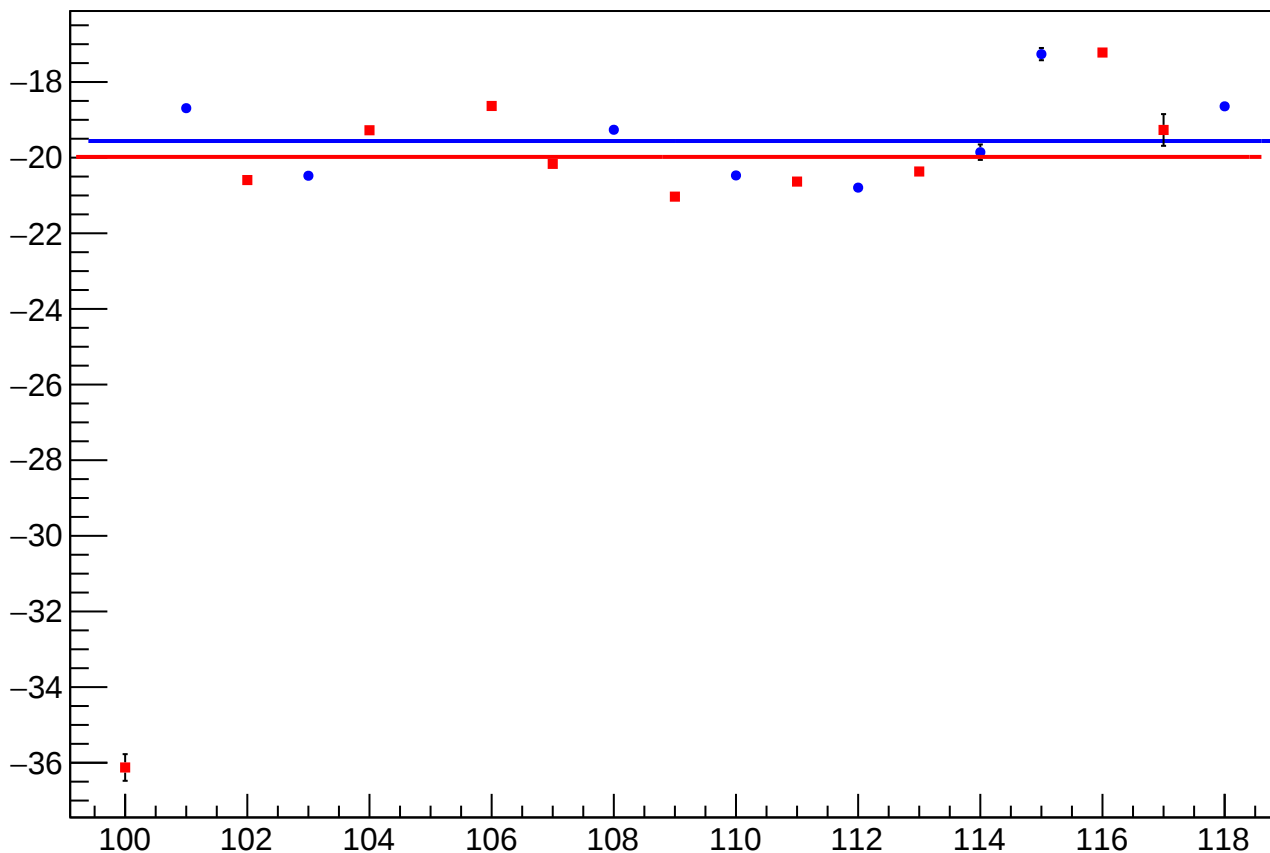
Right Out: -0.737 $\pm$ 0.605 χ^2 /NDF: 159.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3.502 $\pm$ 0.521 χ^2 /NDF: 260.2/7

-0.737 $\pm$ 0.605 χ^2 /NDF: 159.7/9

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.560 ± 0.026 $\chi^2/\text{NDF}: 1224.9/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

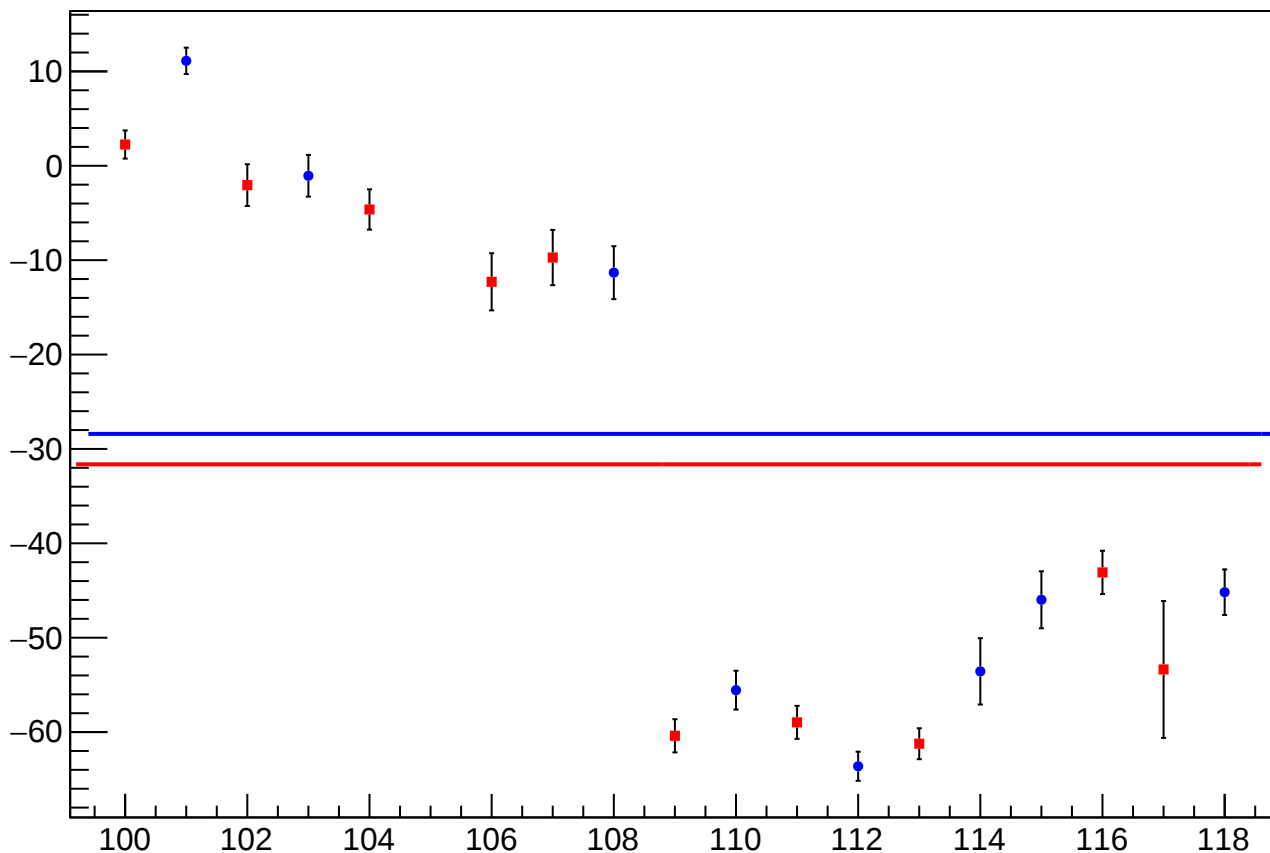
Right Out: -19.980 ± 0.025 $\chi^2/\text{NDF}: 3389.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.560 ± 0.026 $\chi^2/\text{NDF}: 1224.9/7$

-19.980 ± 0.025 $\chi^2/\text{NDF}: 3389.4/9$

reg_asym_right_dd_diff_bpm4aX_slope vs Slug



Right In: -28.407+/-0.732 χ^2/NDF : 1821.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

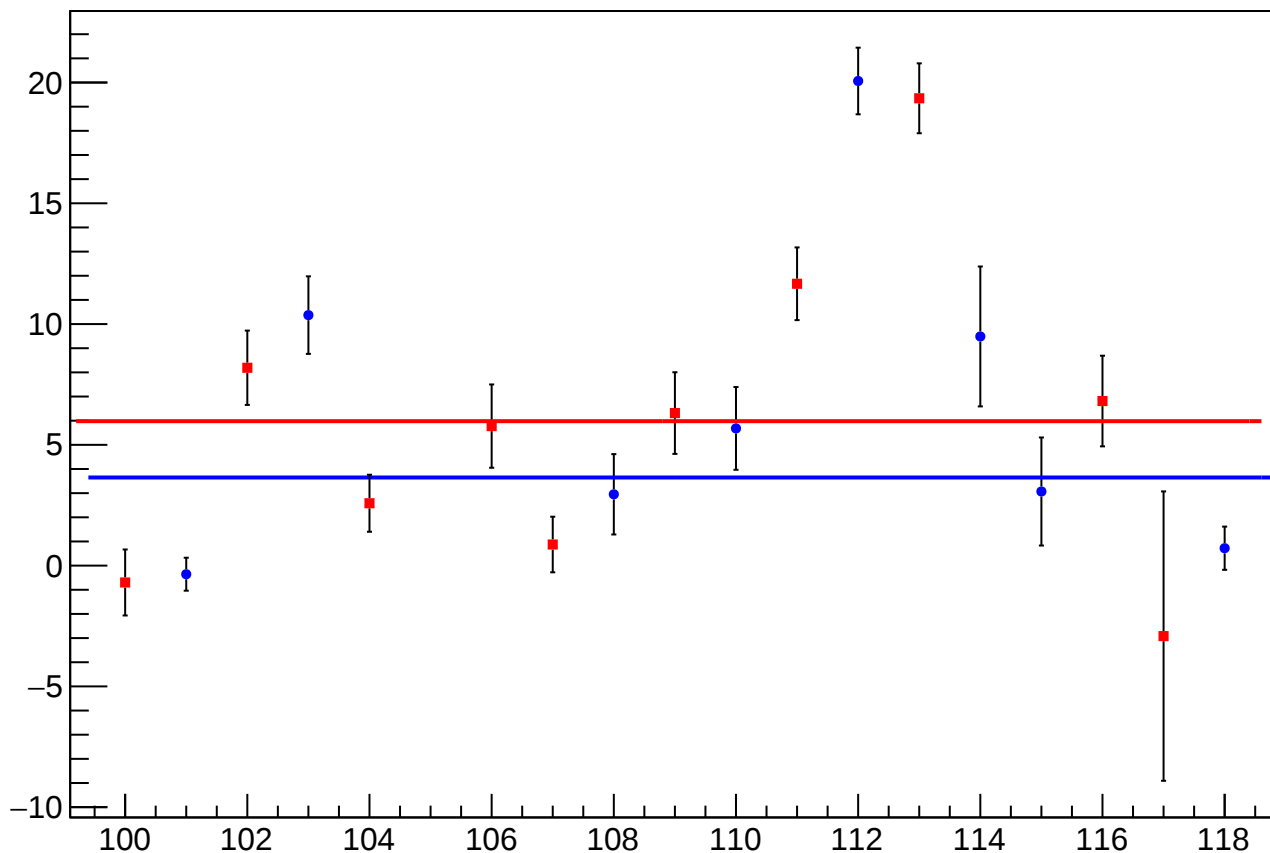
Right Out: -31.631+/-0.655 χ^2/NDF : 1823.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-28.407+/-0.732 χ^2/NDF : 1821.3/7

-31.631+/-0.655 χ^2/NDF : 1823.8/9

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 3.648+/-0.433 χ^2/NDF : 210.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

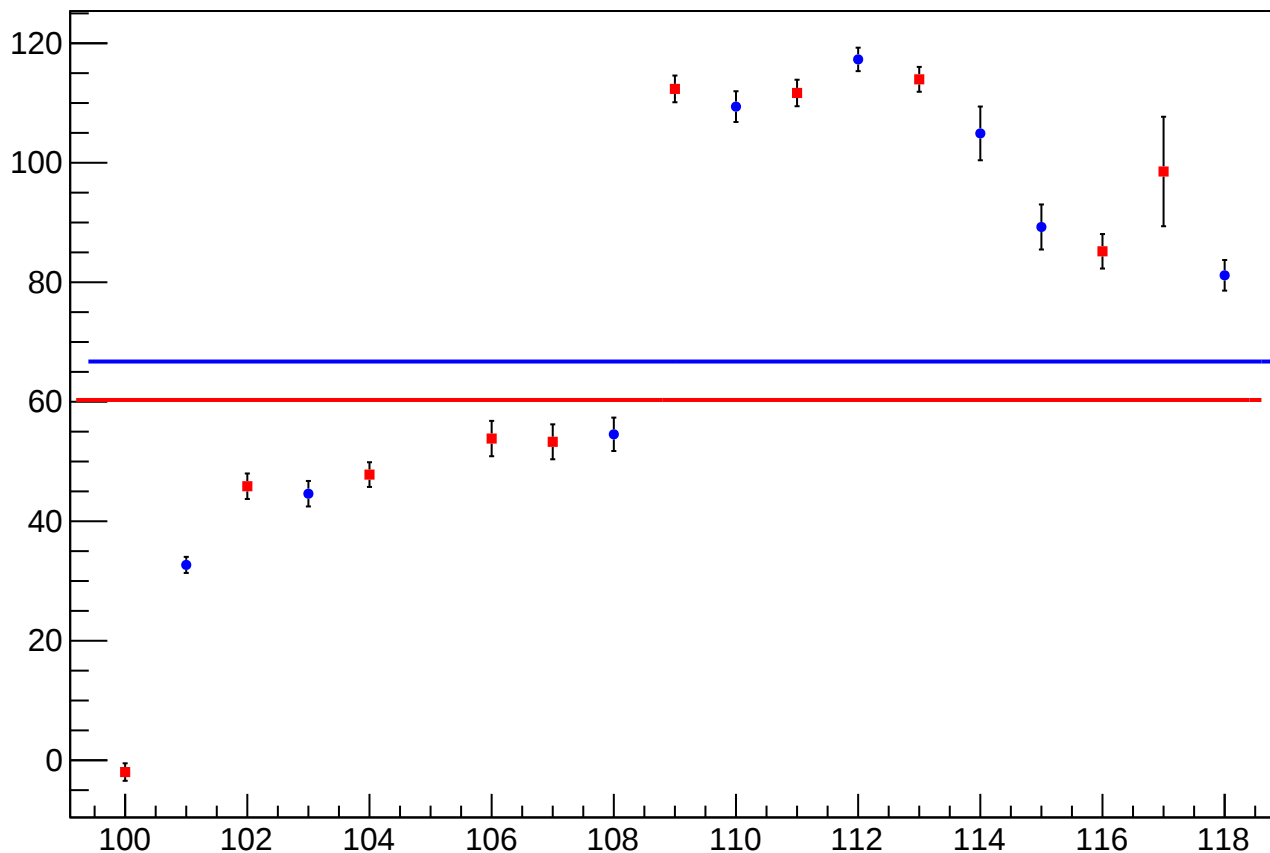
Right Out: 5.980+/-0.480 χ^2/NDF : 156.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.648+/-0.433 χ^2/NDF : 210.0/7

5.980+/-0.480 χ^2/NDF : 156.0/9

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 66.736 $\pm$ 0.795 χ^2 /NDF: 1844.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

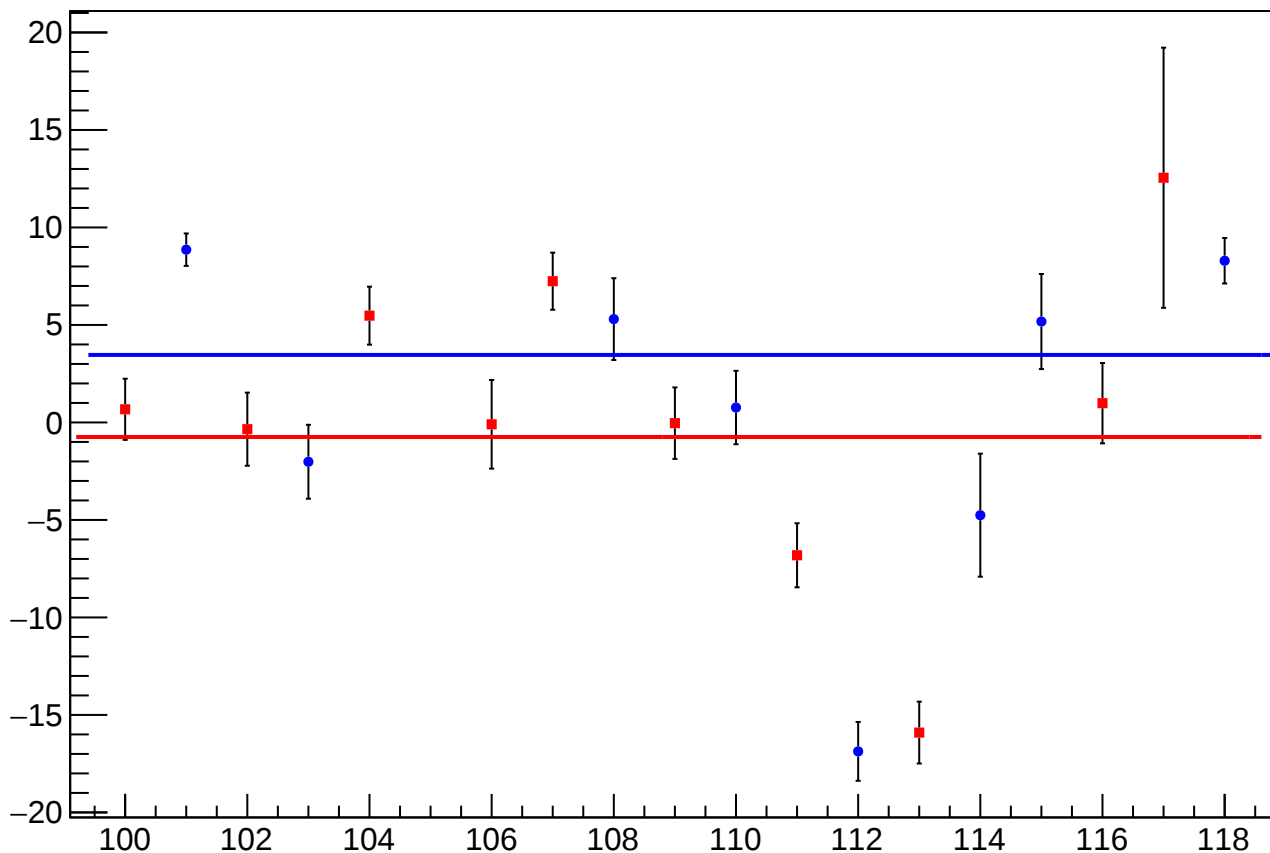
Right Out: 60.299 $\pm$ 0.722 χ^2 /NDF: 3735.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

66.736 $\pm$ 0.795 χ^2 /NDF: 1844.3/7

60.299 $\pm$ 0.722 χ^2 /NDF: 3735.7/9

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 3.463+/-0.522 χ^2/NDF : 259.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

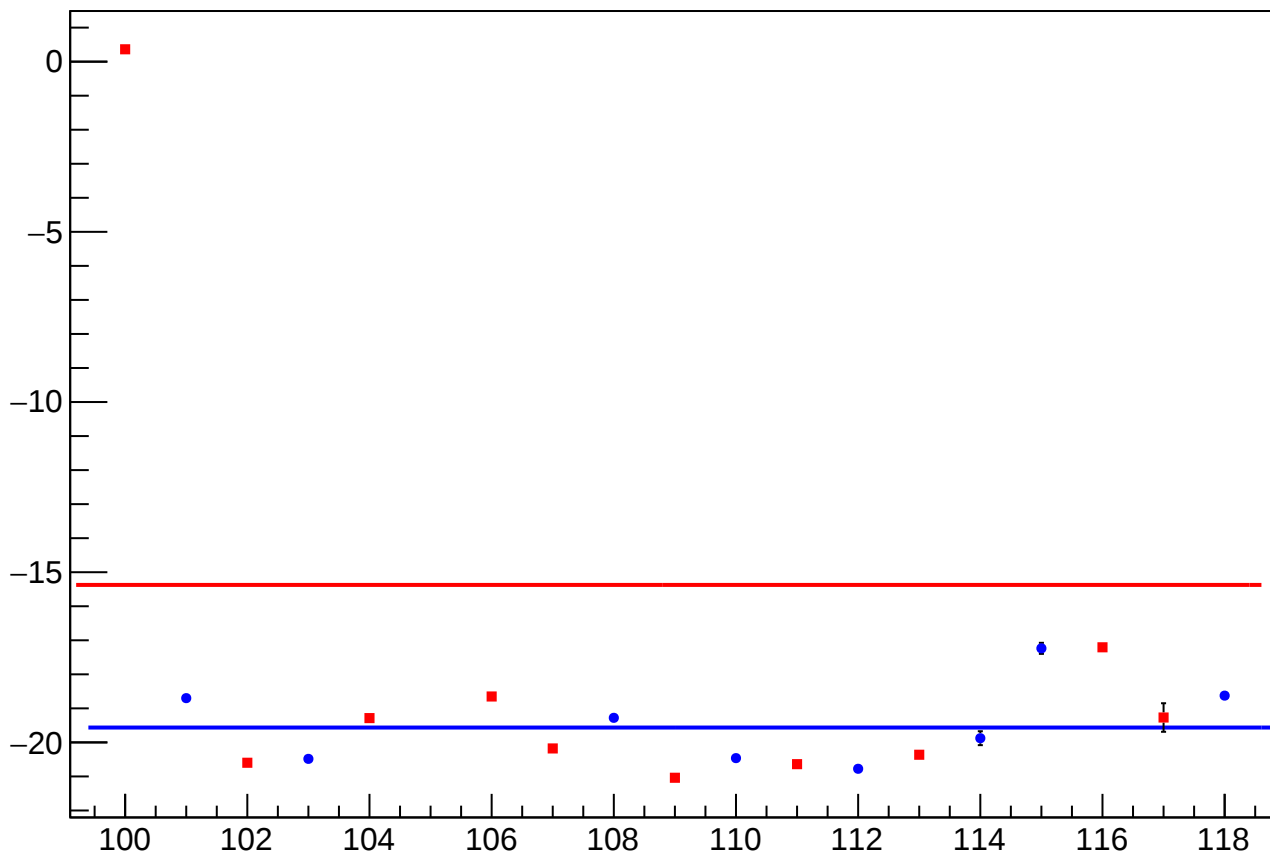
Right Out: -0.746+/-0.565 χ^2/NDF : 158.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.463+/-0.522 χ^2/NDF : 259.4/7

-0.746+/-0.565 χ^2/NDF : 158.1/9

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.563+/-0.026 χ^2/NDF : 1221.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

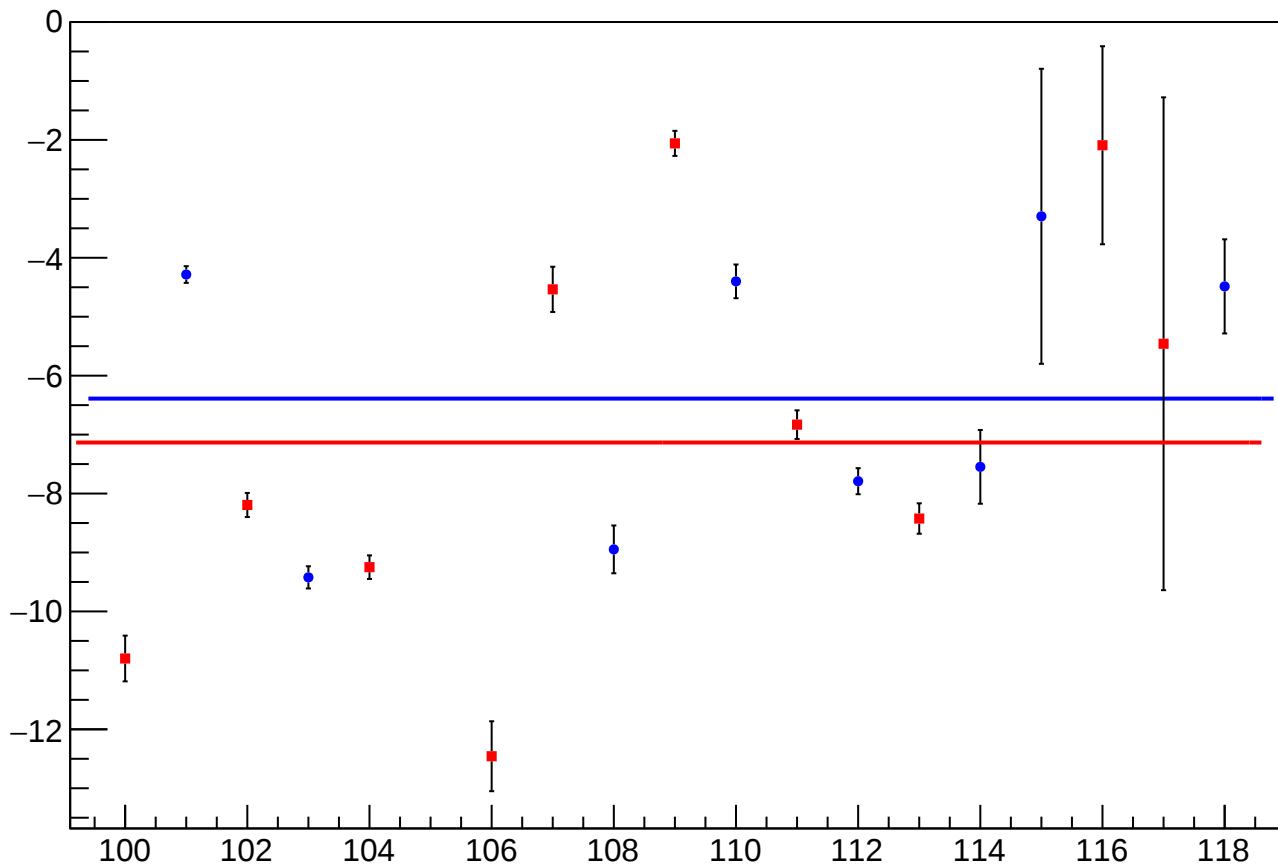
Right Out: -15.373+/-0.022 χ^2/NDF : 142568.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-19.563+/-0.026 χ^2/NDF : 1221.1/7

-15.373+/-0.022 χ^2/NDF : 142568.6/9

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug



Right In: -6.389+/-0.091 χ^2/NDF : 619.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

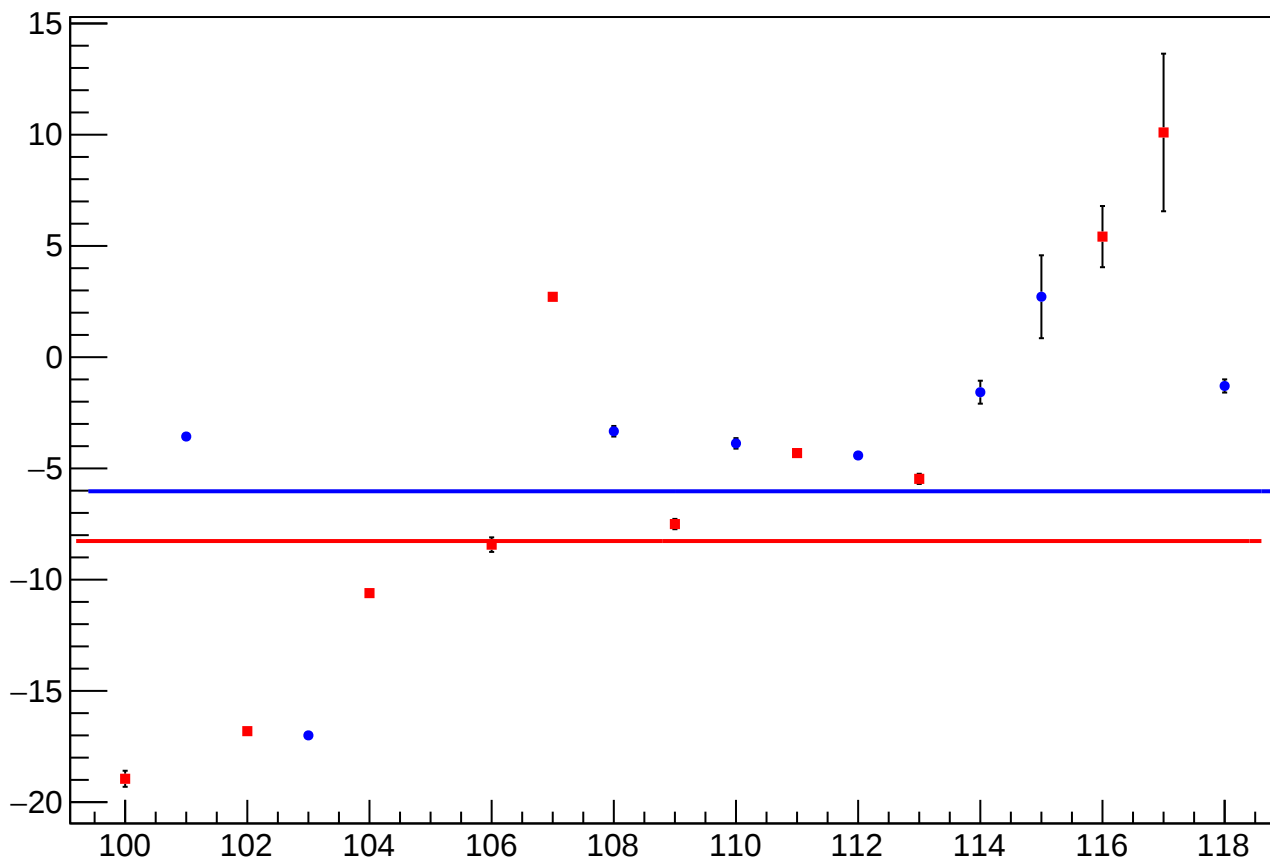
Right Out: -7.134+/-0.091 χ^2/NDF : 959.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.389+/-0.091 χ^2/NDF : 619.3/7

-7.134+/-0.091 χ^2/NDF : 959.7/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -6.027+/-0.058 χ^2/NDF : 8226.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

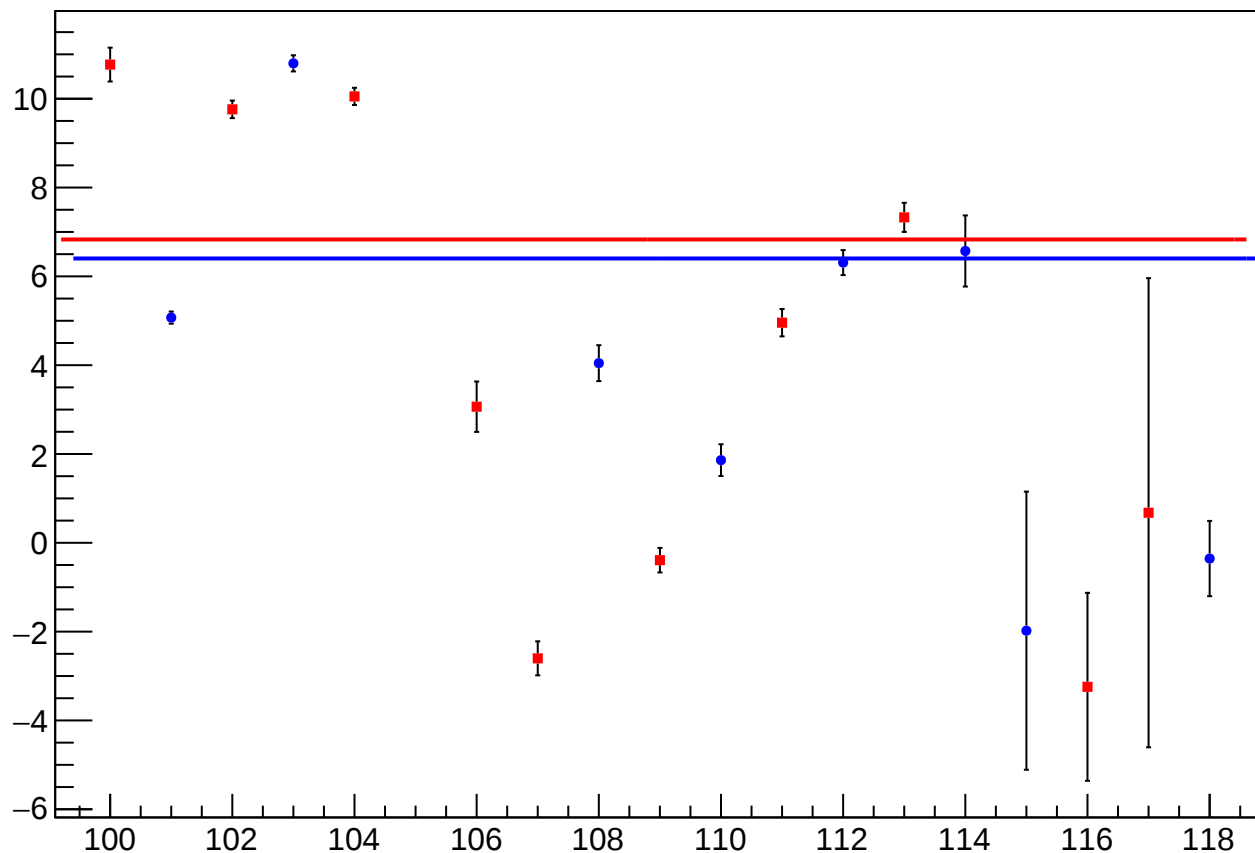
Right Out: -8.264+/-0.065 χ^2/NDF : 10379.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.027+/-0.058 χ^2/NDF : 8226.9/7

-8.264+/-0.065 χ^2/NDF : 10379.5/9

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 6.403+/-0.094 χ^2/NDF : 943.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

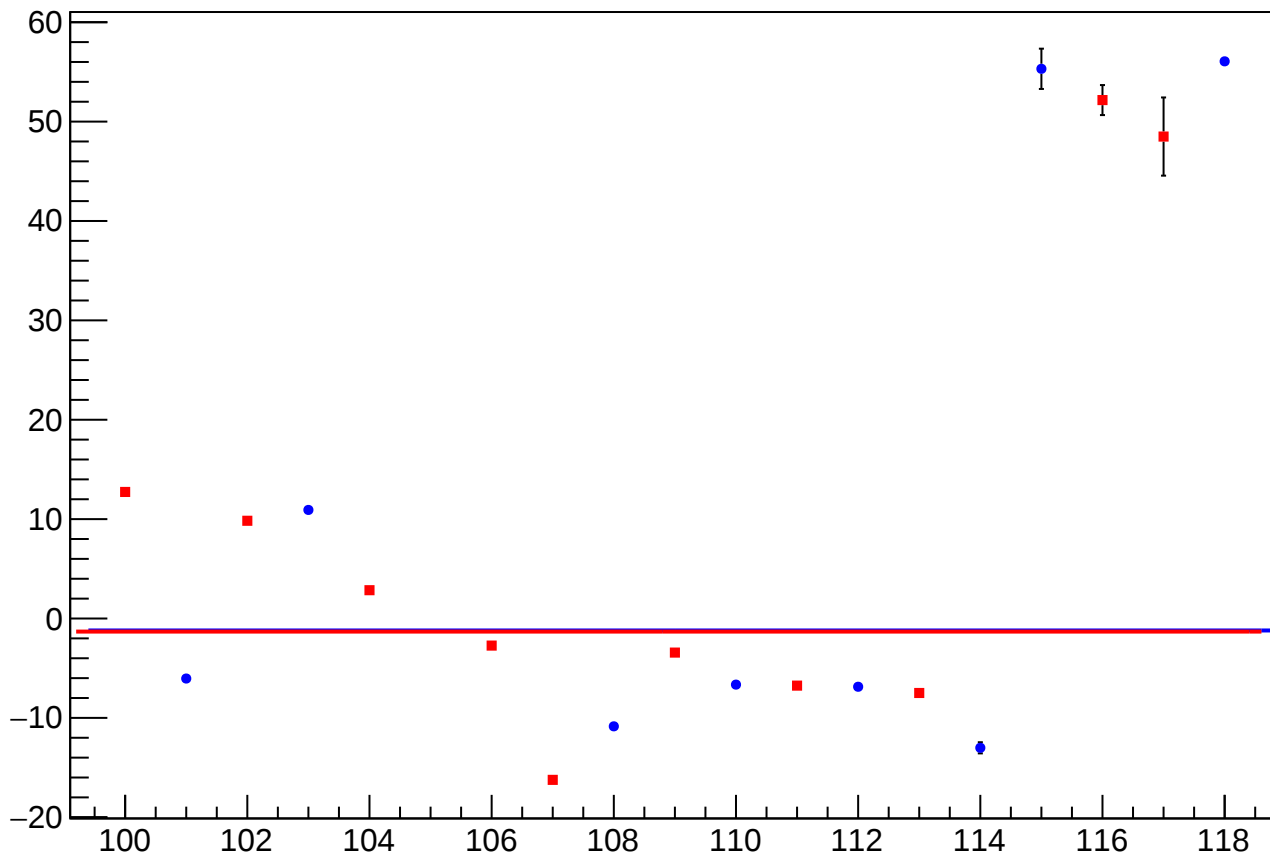
Right Out: 6.831+/-0.099 χ^2/NDF : 1999.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.403+/-0.094 χ^2/NDF : 943.2/7

6.831+/-0.099 χ^2/NDF : 1999.9/9

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: -1.204+/-0.070 χ^2/NDF : 33818.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

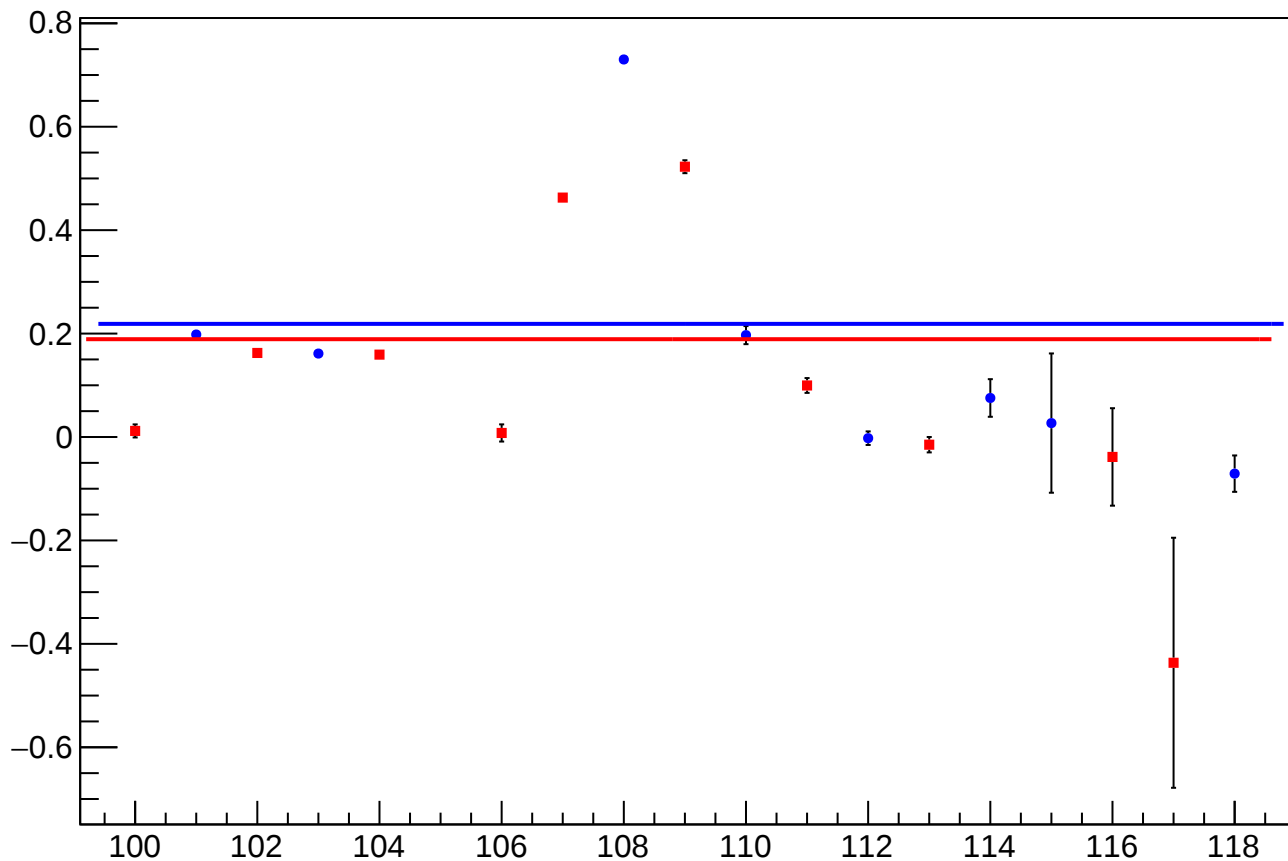
Right Out: -1.315+/-0.078 χ^2/NDF : 14356.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.204+/-0.070 χ^2/NDF : 33818.2/7

-1.315+/-0.078 χ^2/NDF : 14356.2/9

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.219+/-0.003 χ^2/NDF : 3616.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

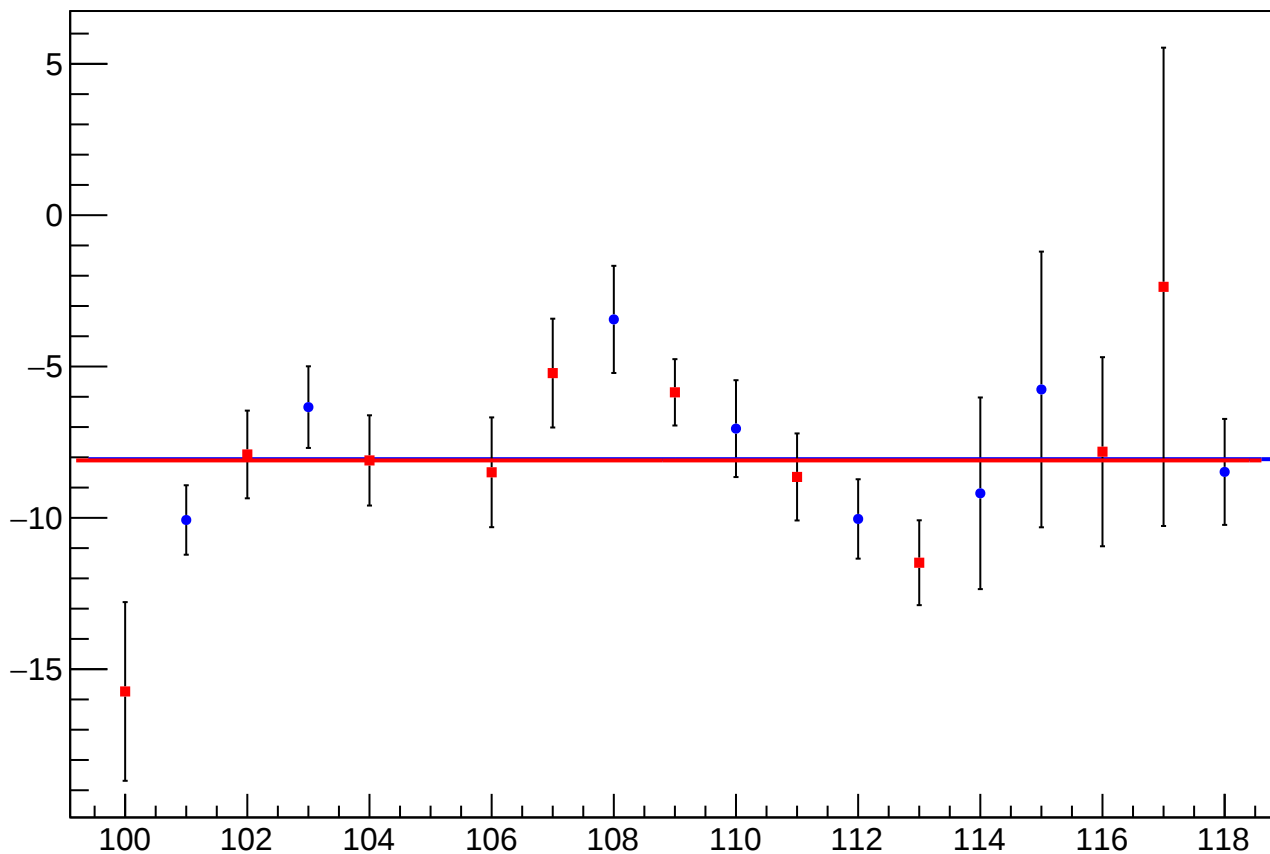
Right Out: 0.189+/-0.003 χ^2/NDF : 2304.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.219+/-0.003 χ^2/NDF : 3616.8/7

0.189+/-0.003 χ^2/NDF : 2304.7/9

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug



Right In: -8.061+/-0.570 χ^2/NDF : 14.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

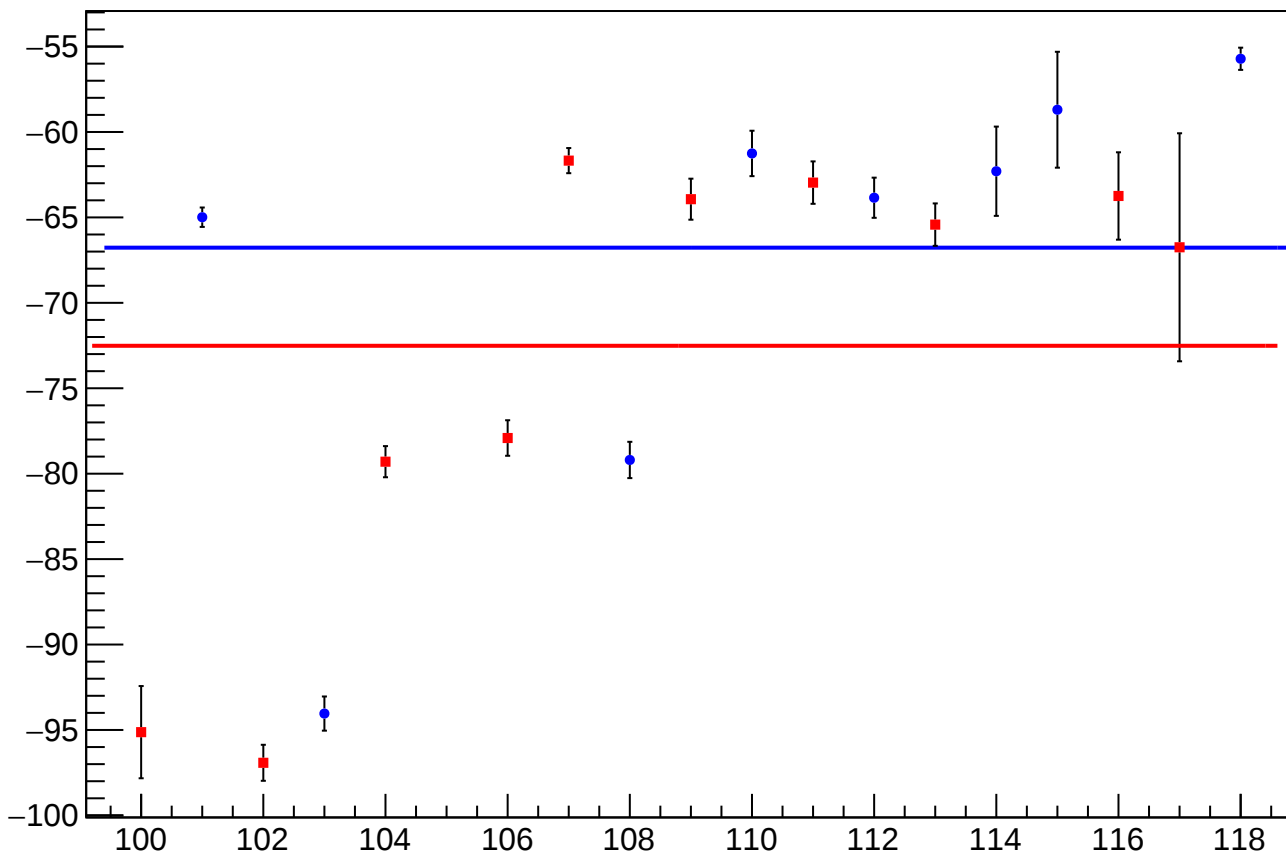
Right Out: -8.102+/-0.527 χ^2/NDF : 20.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.061+/-0.570 χ^2/NDF : 14.6/7

-8.102+/-0.527 χ^2/NDF : 20.0/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -66.771 $\pm$ 0.336 χ^2 /NDF: 1211.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

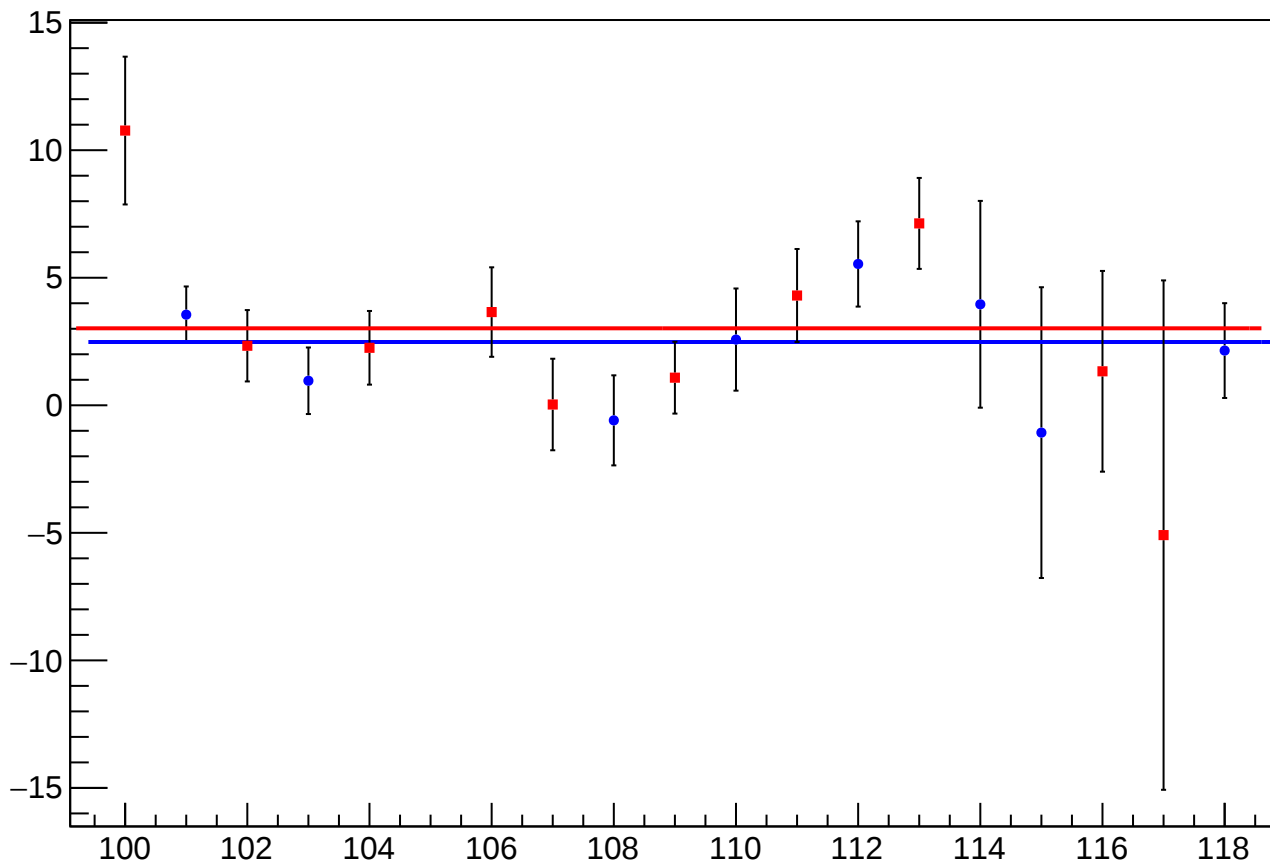
Right Out: -72.514 $\pm$ 0.373 χ^2 /NDF: 1061.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-66.771 $\pm$ 0.336 χ^2 /NDF: 1211.8/7

-72.514 $\pm$ 0.373 χ^2 /NDF: 1061.3/9

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.481 $\pm$ 0.607 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

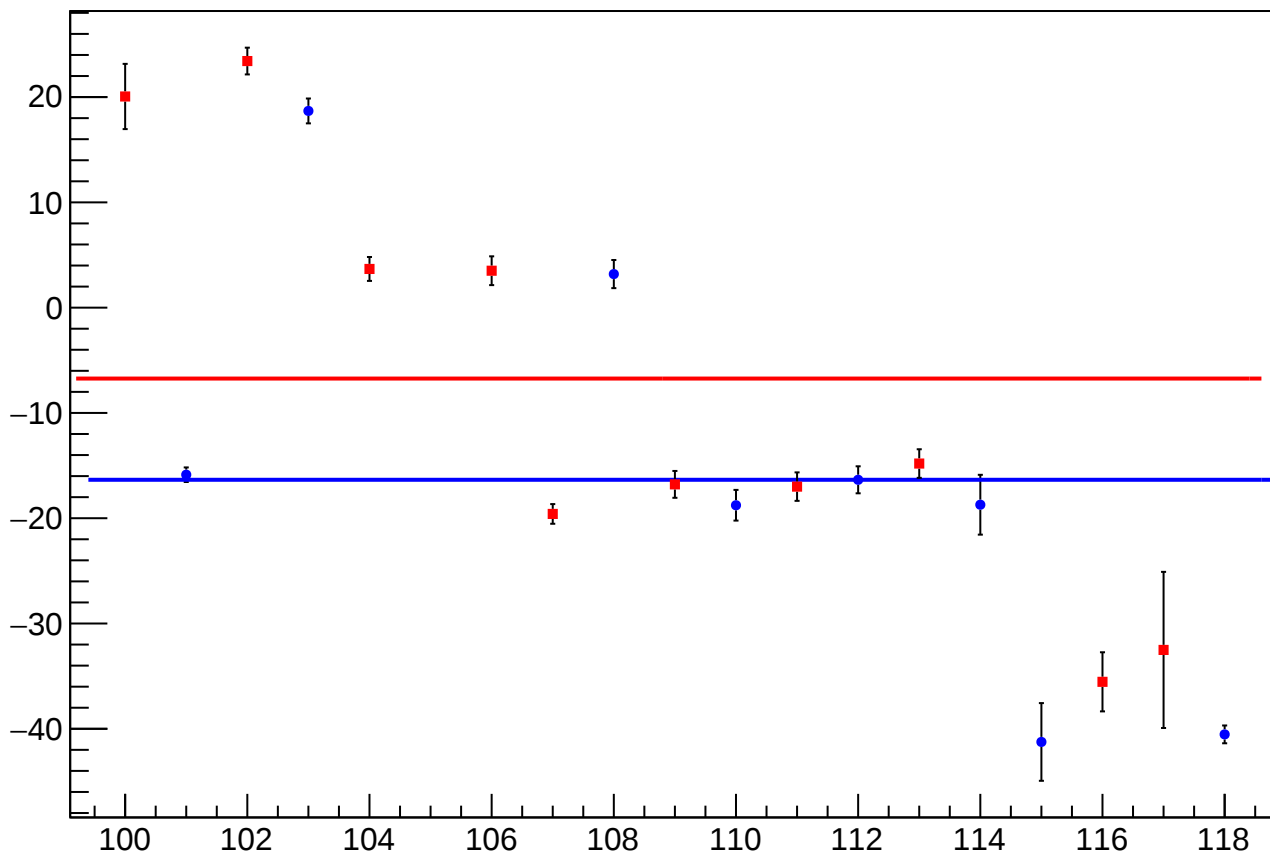
Right Out: 3.018 $\pm$ 0.583 χ^2 /NDF: 19.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.481 $\pm$ 0.607 χ^2 /NDF: 9.2/7

3.018 $\pm$ 0.583 χ^2 /NDF: 19.1/9

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -16.349 ± 0.407 $\chi^2/\text{NDF}: 1961.1/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

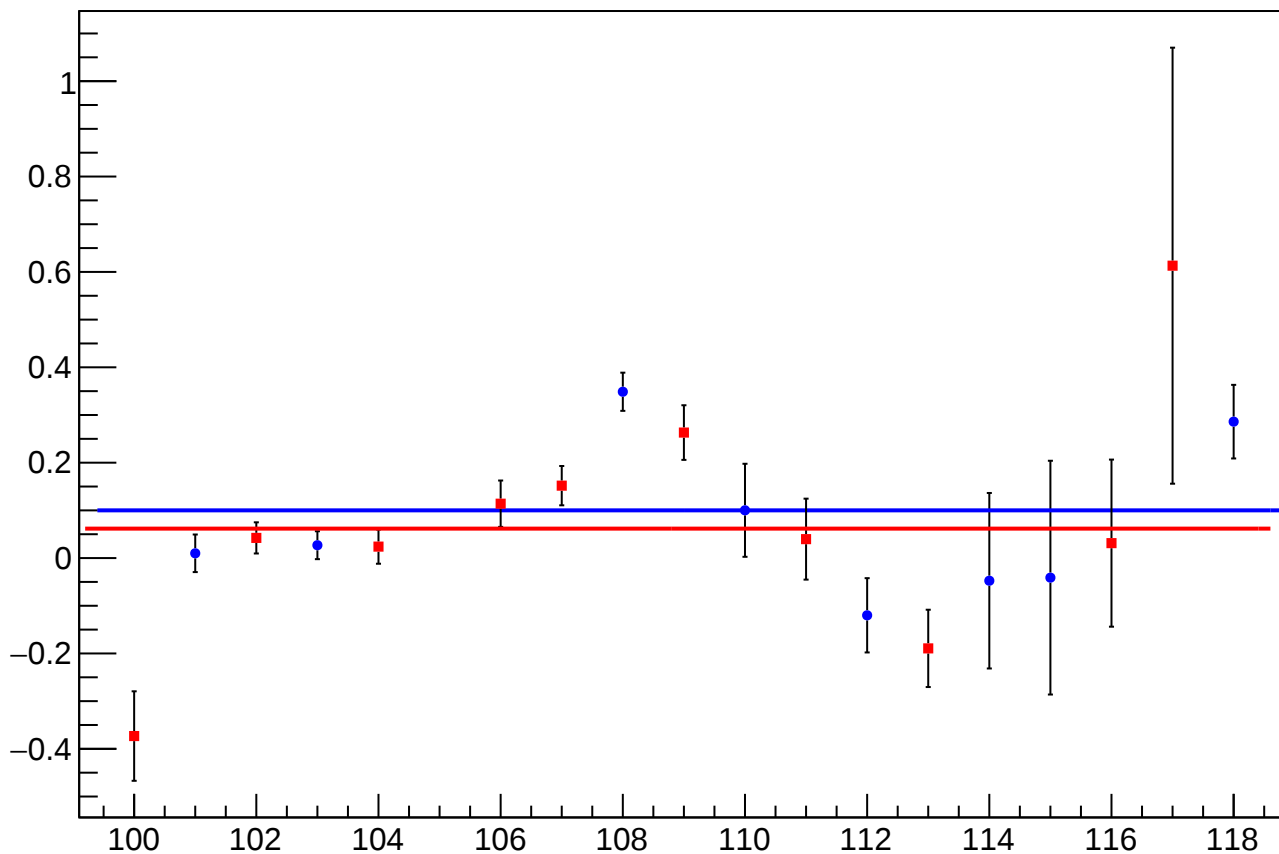
Right Out: -6.735 ± 0.446 $\chi^2/\text{NDF}: 1240.1/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-16.349 ± 0.407 $\chi^2/\text{NDF}: 1961.1/7$

-6.735 ± 0.446 $\chi^2/\text{NDF}: 1240.1/9$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.100 $\pm$ 0.019 χ^2 /NDF: 64.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

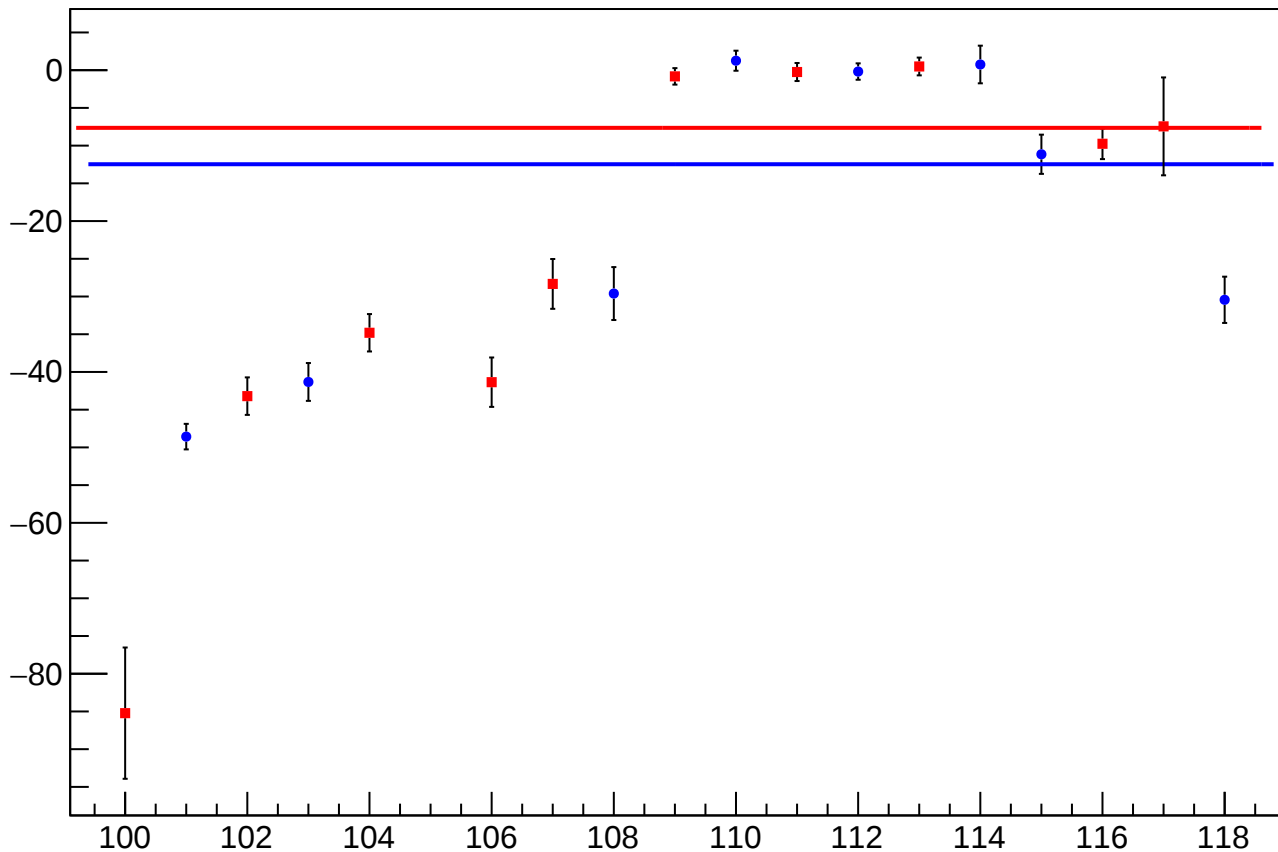
Right Out: 0.062 $\pm$ 0.017 χ^2 /NDF: 52.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.100 $\pm$ 0.019 χ^2 /NDF: 64.8/7

0.062 $\pm$ 0.017 χ^2 /NDF: 52.4/9

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug



Right In: -12.467+/-0.643 χ^2/NDF : 908.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

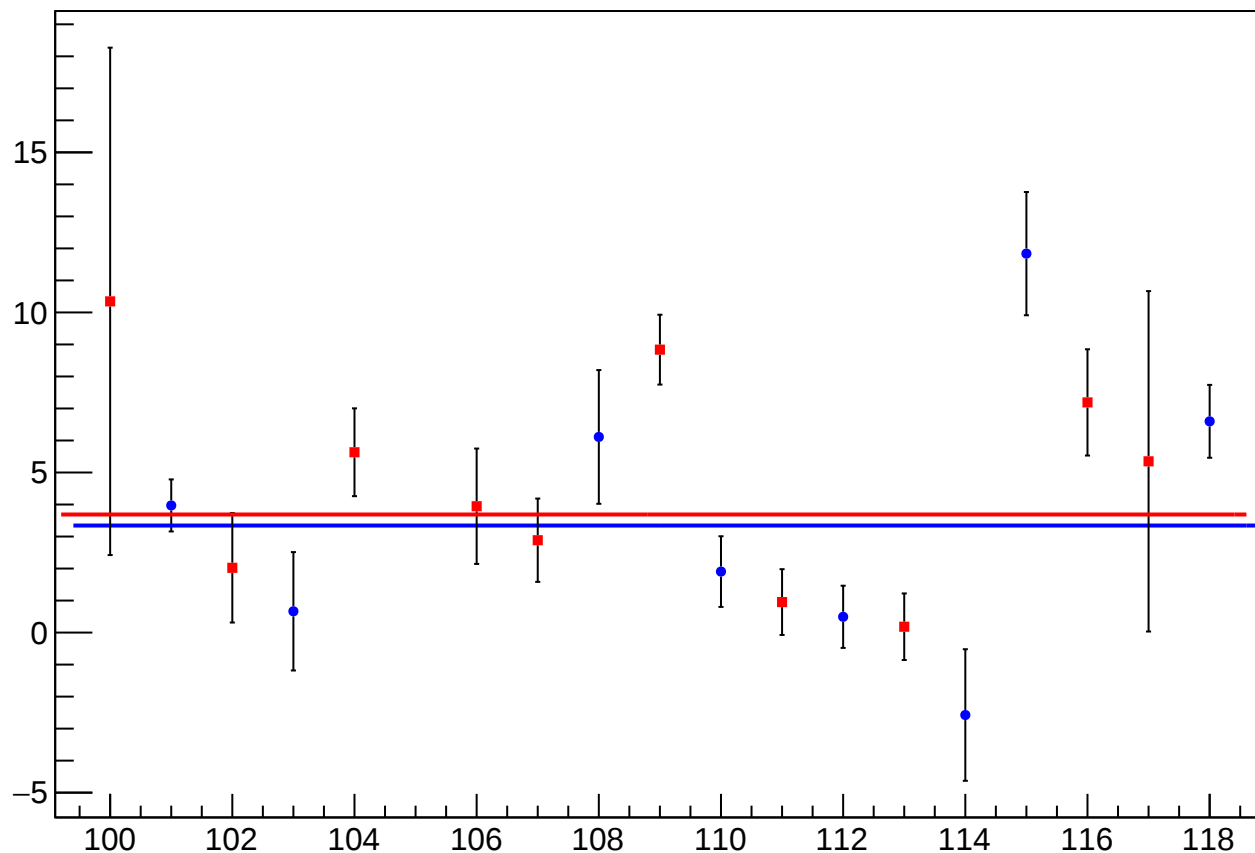
Right Out: -7.643+/-0.573 χ^2/NDF : 675.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.467+/-0.643 χ^2/NDF : 908.2/7

-7.643+/-0.573 χ^2/NDF : 675.7/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.344+/-0.439 χ^2/NDF : 50.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

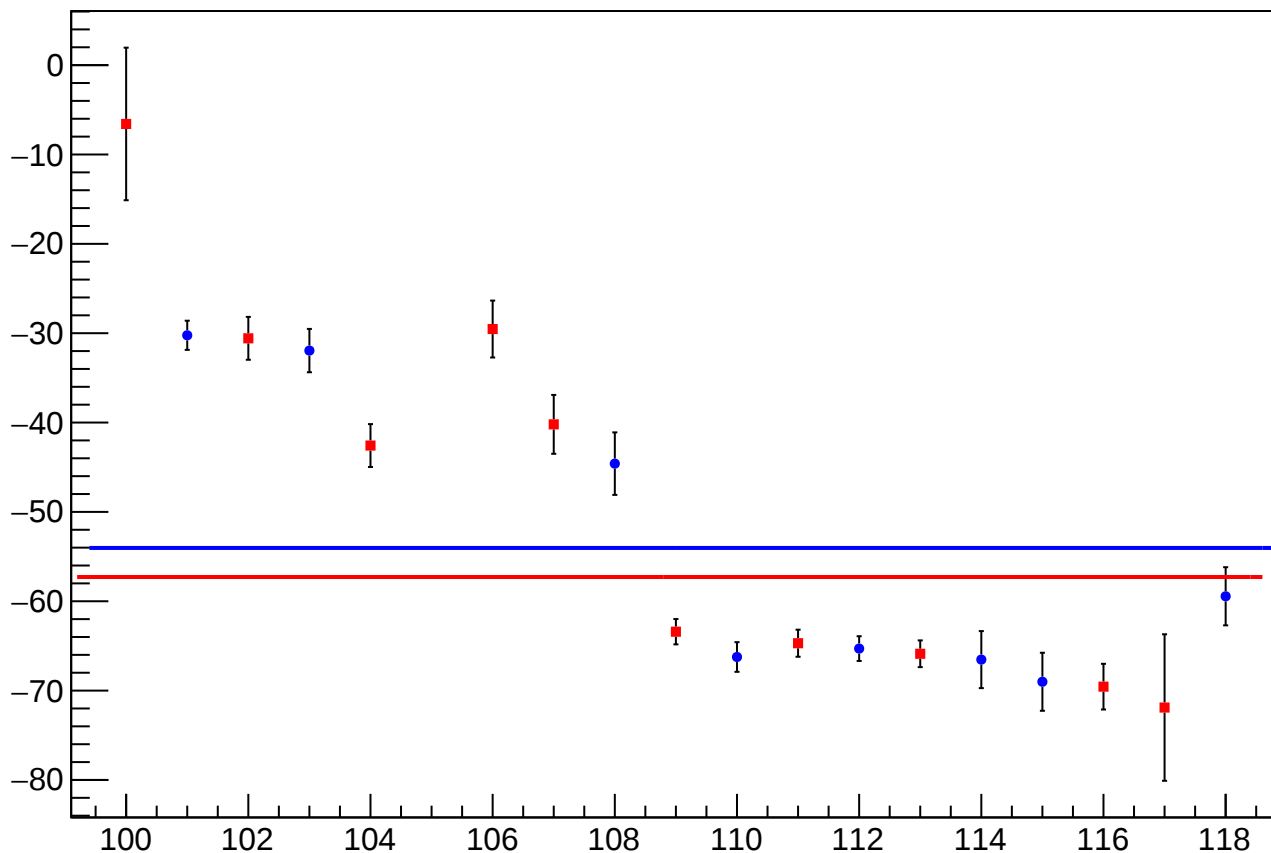
Right Out: 3.688+/-0.452 χ^2/NDF : 49.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.344+/-0.439 χ^2/NDF : 50.7/7

3.688+/-0.452 χ^2/NDF : 49.3/9

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -54.033 $\pm$ 0.745 χ^2 /NDF: 462.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

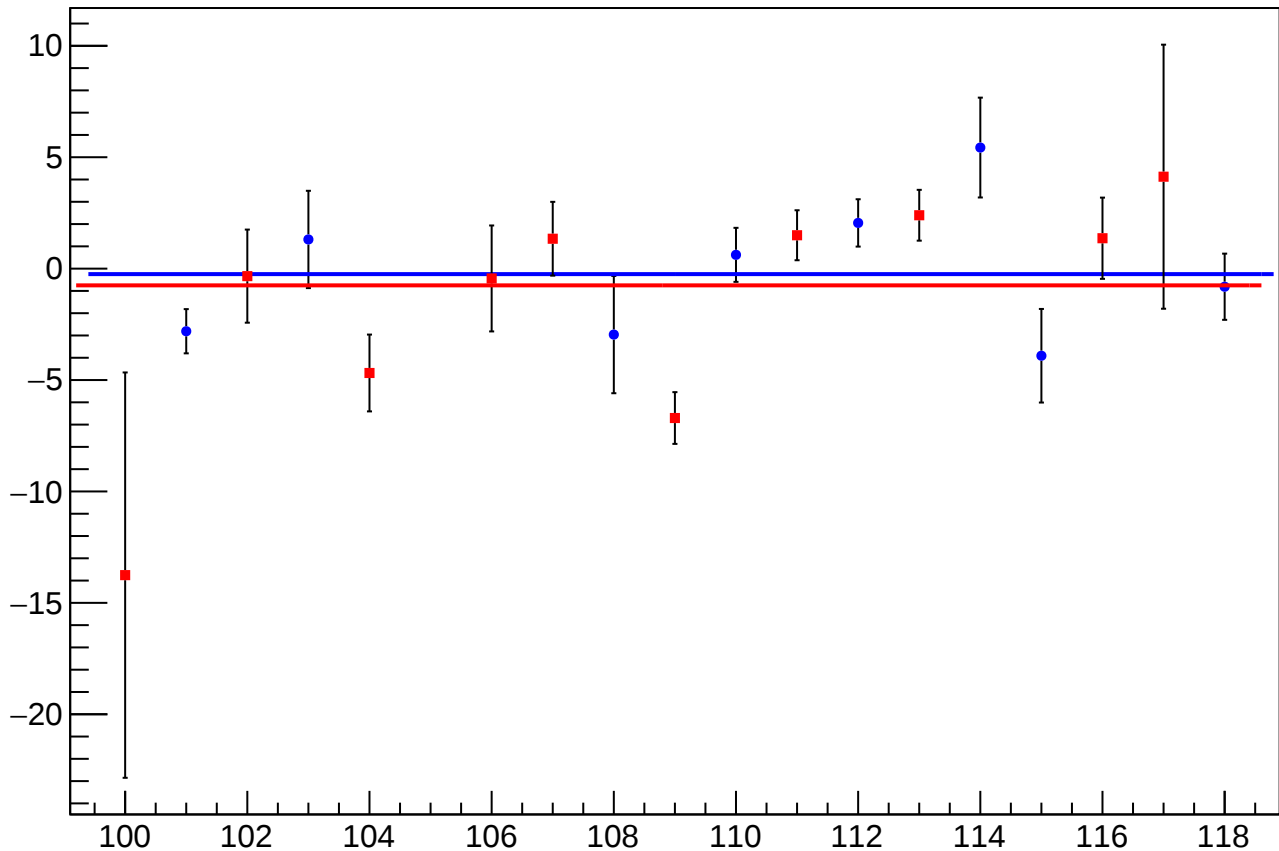
Right Out: -57.286 $\pm$ 0.690 χ^2 /NDF: 401.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-54.033 $\pm$ 0.745 χ^2 /NDF: 462.8/7

-57.286 $\pm$ 0.690 χ^2 /NDF: 401.4/9

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: -0.246+/-0.512 χ^2/NDF : 23.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

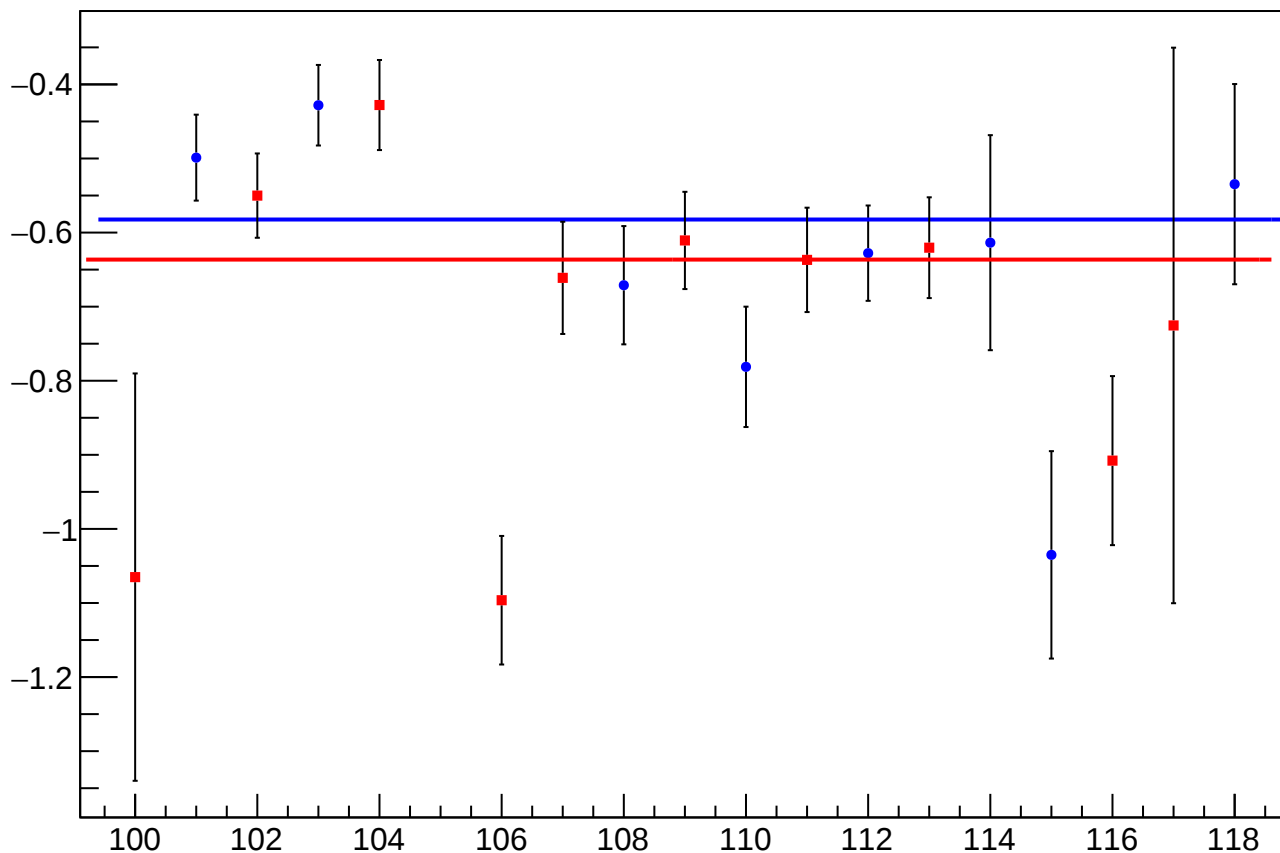
Right Out: -0.751+/-0.516 χ^2/NDF : 48.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.246+/-0.512 χ^2/NDF : 23.0/7

-0.751+/-0.516 χ^2/NDF : 48.8/9

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.582+/-0.027 χ^2/NDF : 28.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

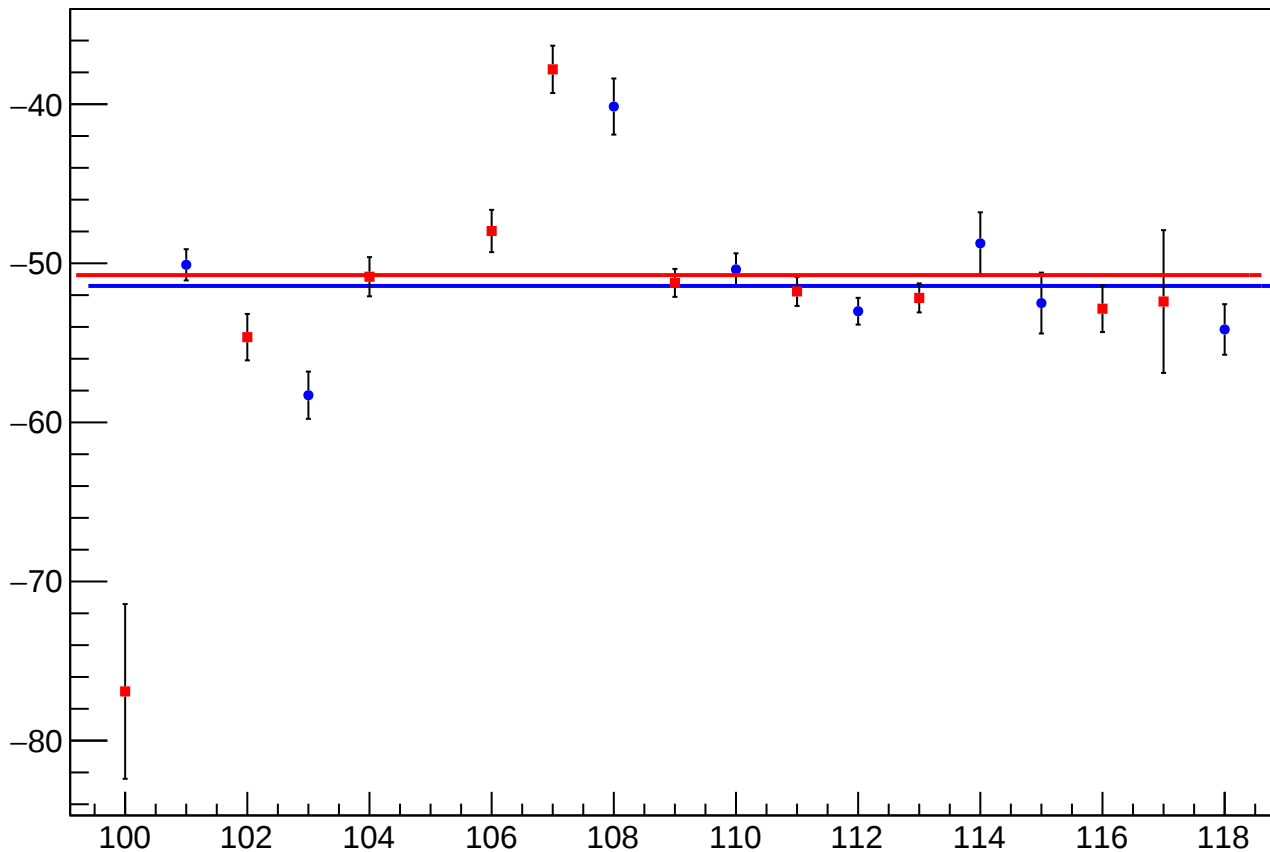
Right Out: -0.636+/-0.025 χ^2/NDF : 50.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.582+/-0.027 χ^2/NDF : 28.5/7

-0.636+/-0.025 χ^2/NDF : 50.6/9

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug



Right In: -51.423+/-0.441 χ^2/NDF : 73.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

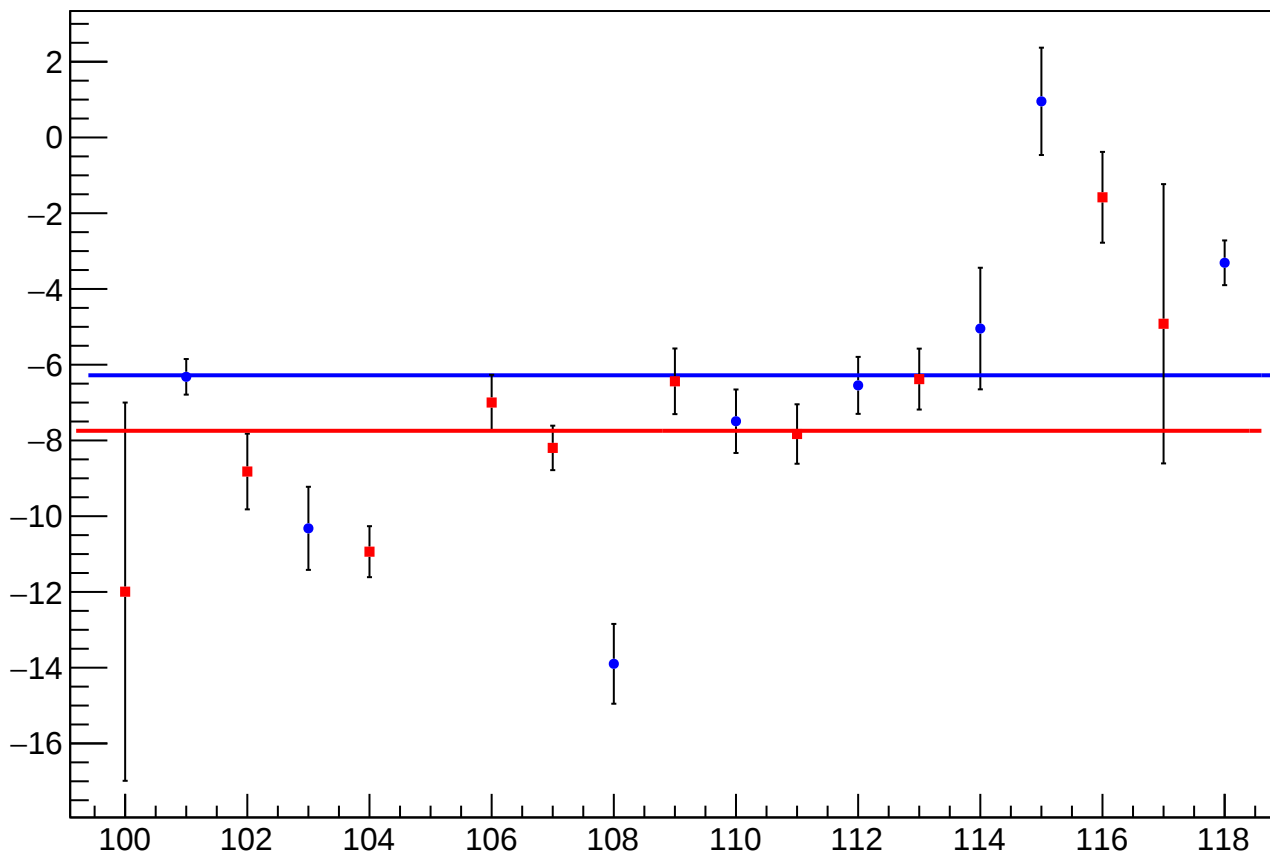
Right Out: -50.742+/-0.395 χ^2/NDF : 116.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-51.423+/-0.441 χ^2/NDF : 73.9/7

-50.742+/-0.395 χ^2/NDF : 116.0/9

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -6.279+/-0.275 χ^2/NDF : 120.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

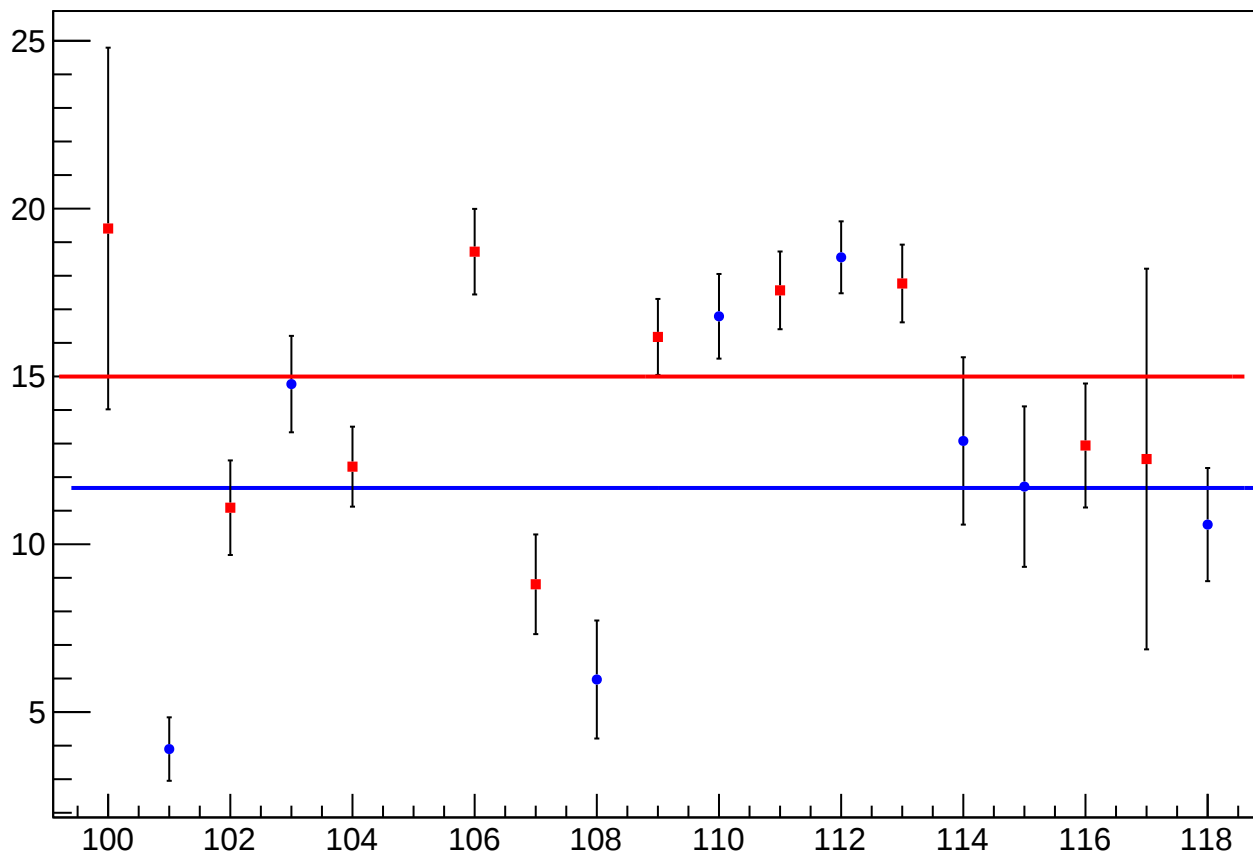
Right Out: -7.745+/-0.274 χ^2/NDF : 58.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.279+/-0.275 χ^2/NDF : 120.0/7

-7.745+/-0.274 χ^2/NDF : 58.2/9

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 11.677 $\pm$ 0.493 χ^2 /NDF: 141.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

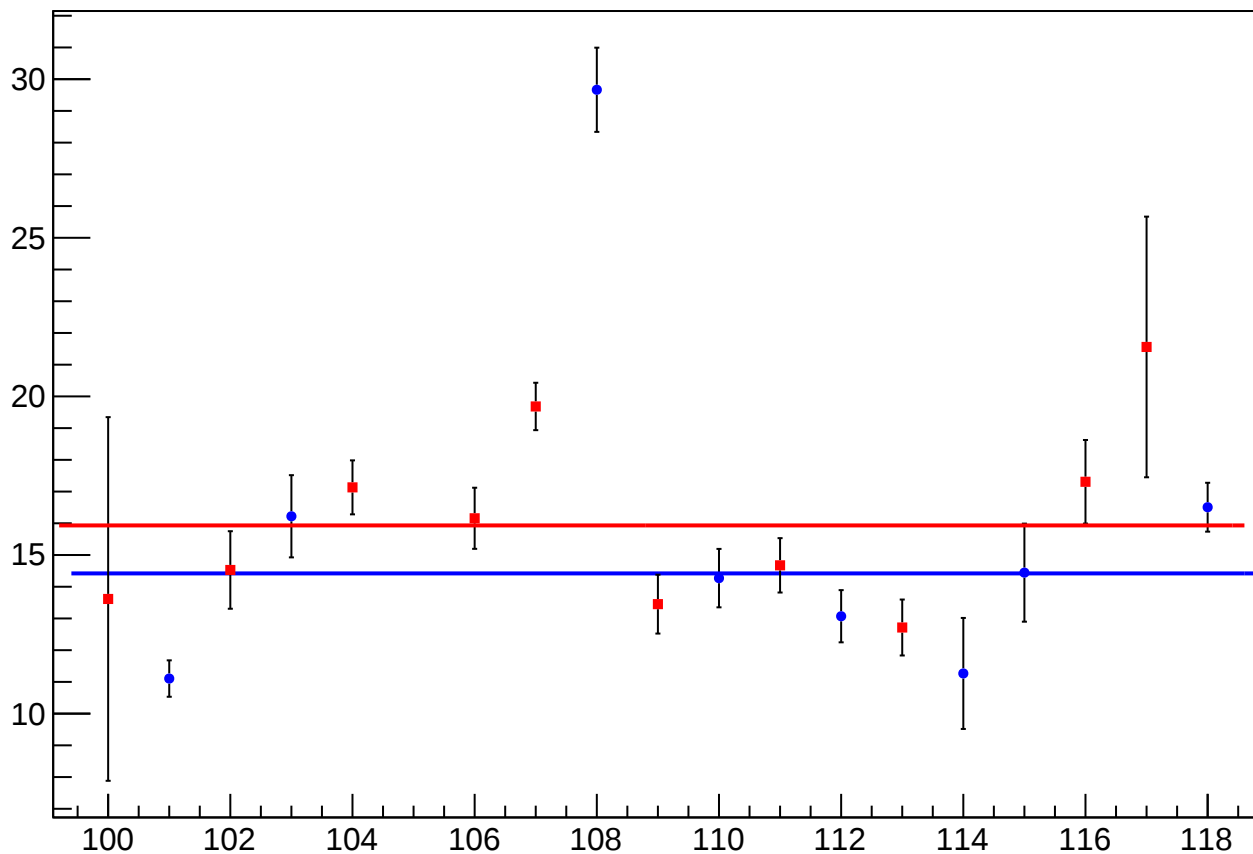
Right Out: 14.997 $\pm$ 0.451 χ^2 /NDF: 52.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11.677 $\pm$ 0.493 χ^2 /NDF: 141.2/7

14.997 $\pm$ 0.451 χ^2 /NDF: 52.5/9

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.420 $\pm$ 0.328 χ^2 /NDF: 180.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

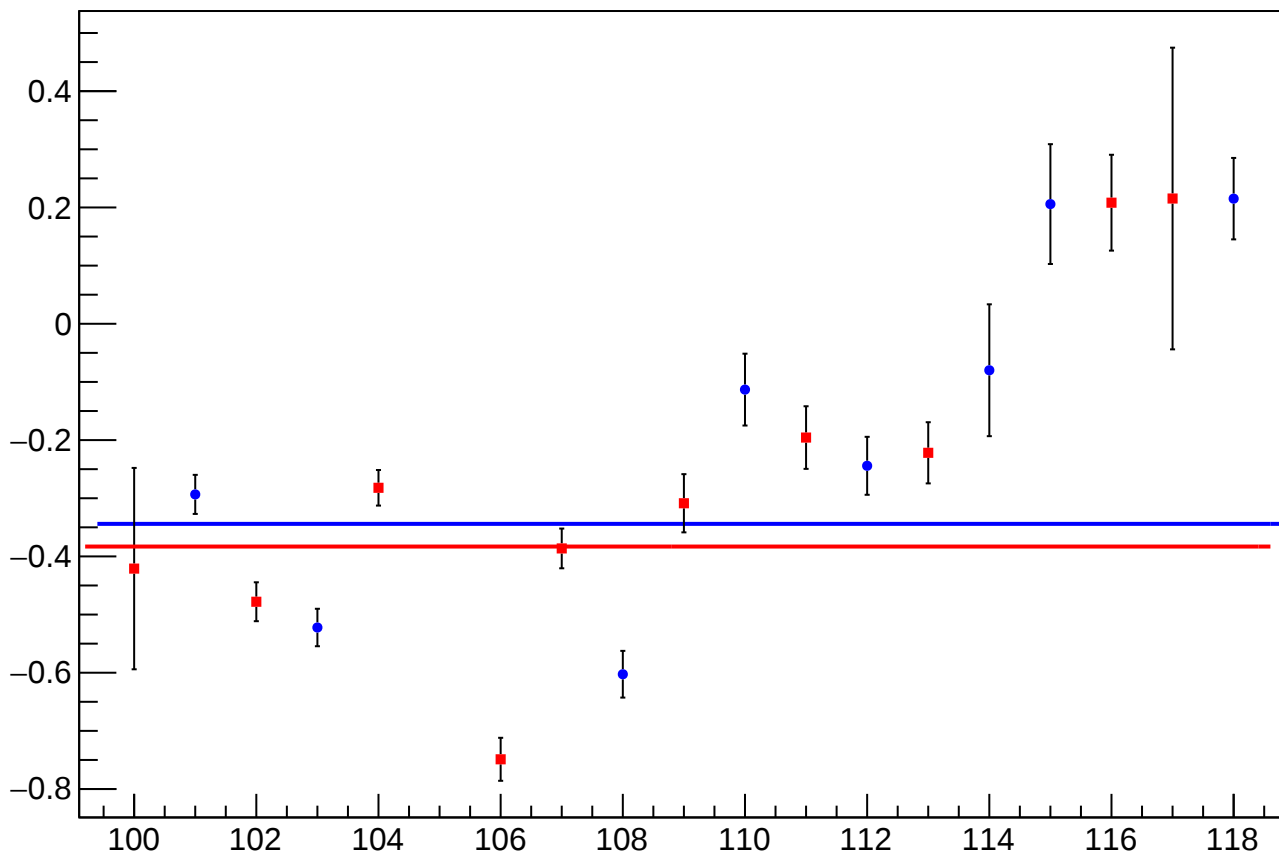
Right Out: 15.933 $\pm$ 0.326 χ^2 /NDF: 54.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

14.420 $\pm$ 0.328 χ^2 /NDF: 180.5/7

15.933 $\pm$ 0.326 χ^2 /NDF: 54.3/9

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.344+/-0.017 χ^2/NDF : 190.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

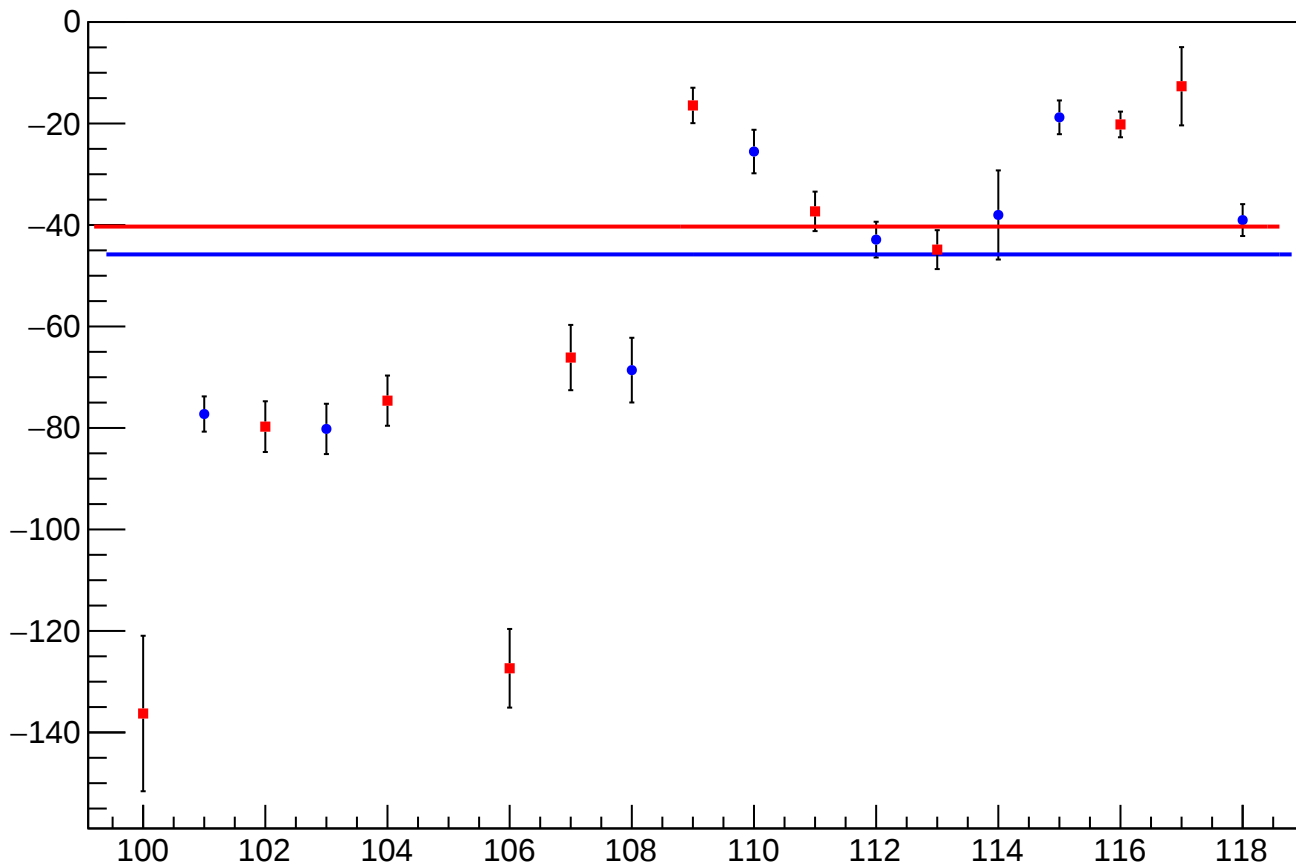
Right Out: -0.383+/-0.014 χ^2/NDF : 197.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.344+/-0.017 χ^2/NDF : 190.0/7

-0.383+/-0.014 χ^2/NDF : 197.5/9

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug



Right In: -45.798 ± 1.432 χ^2/NDF : 237.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

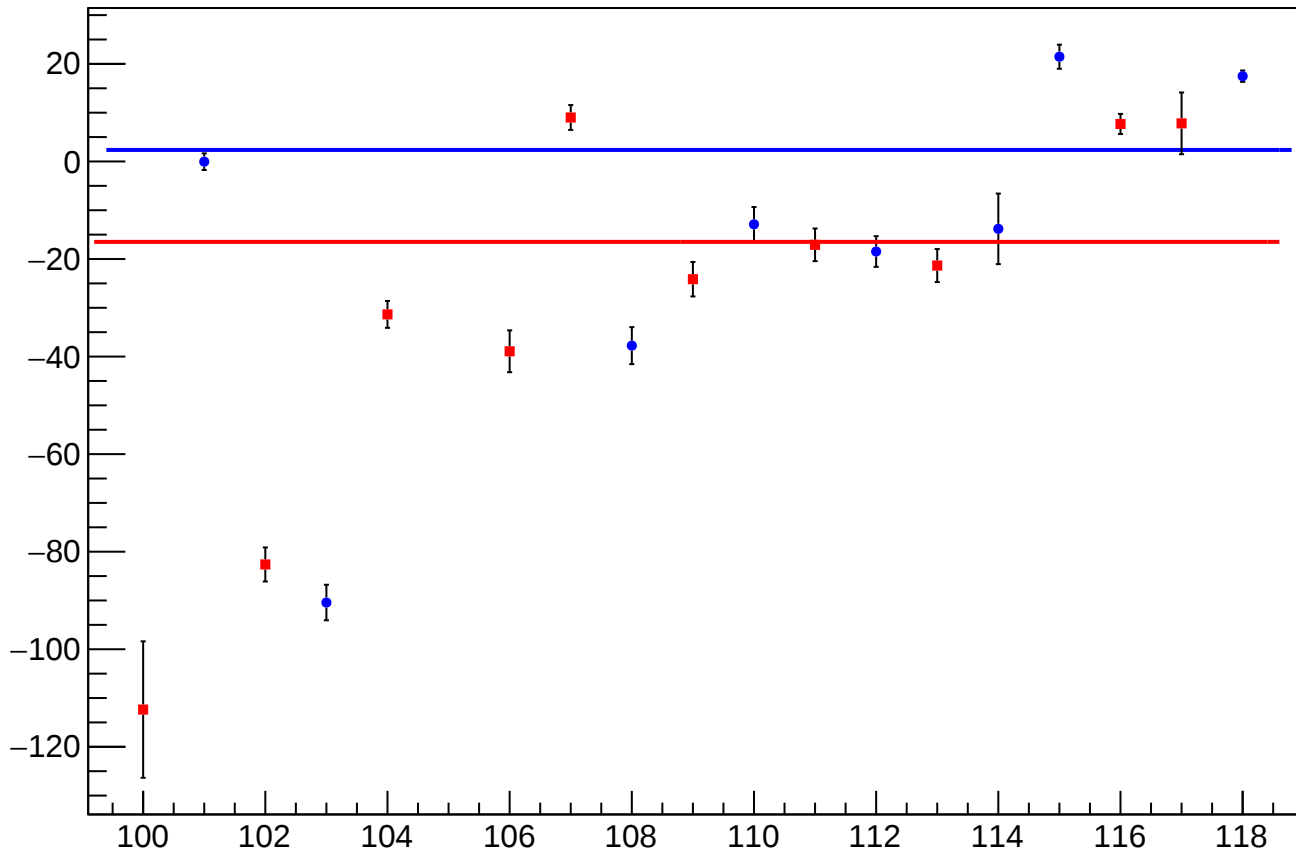
Right Out: -40.313 ± 1.393 χ^2/NDF : 416.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-45.798 ± 1.432 χ^2/NDF : 237.4/7

-40.313 ± 1.393 χ^2/NDF : 416.7/9

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 2.363+/-0.794 χ^2/NDF : 1057.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

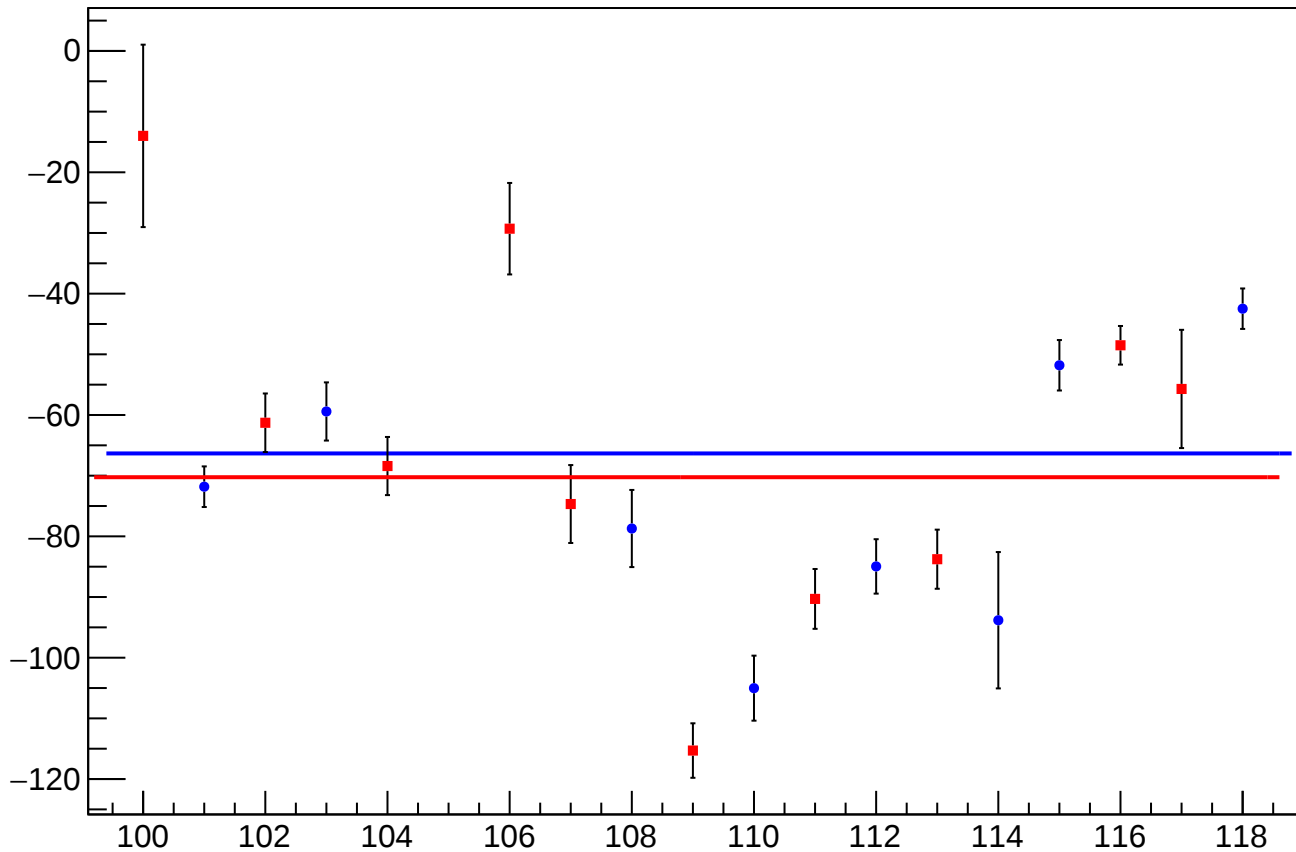
Right Out: -16.485+/-1.030 χ^2/NDF : 720.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.363+/-0.794 χ^2/NDF : 1057.8/7

-16.485+/-1.030 χ^2/NDF : 720.9/9

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -66.334 $\pm$ 1.585 χ^2 /NDF: 147.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

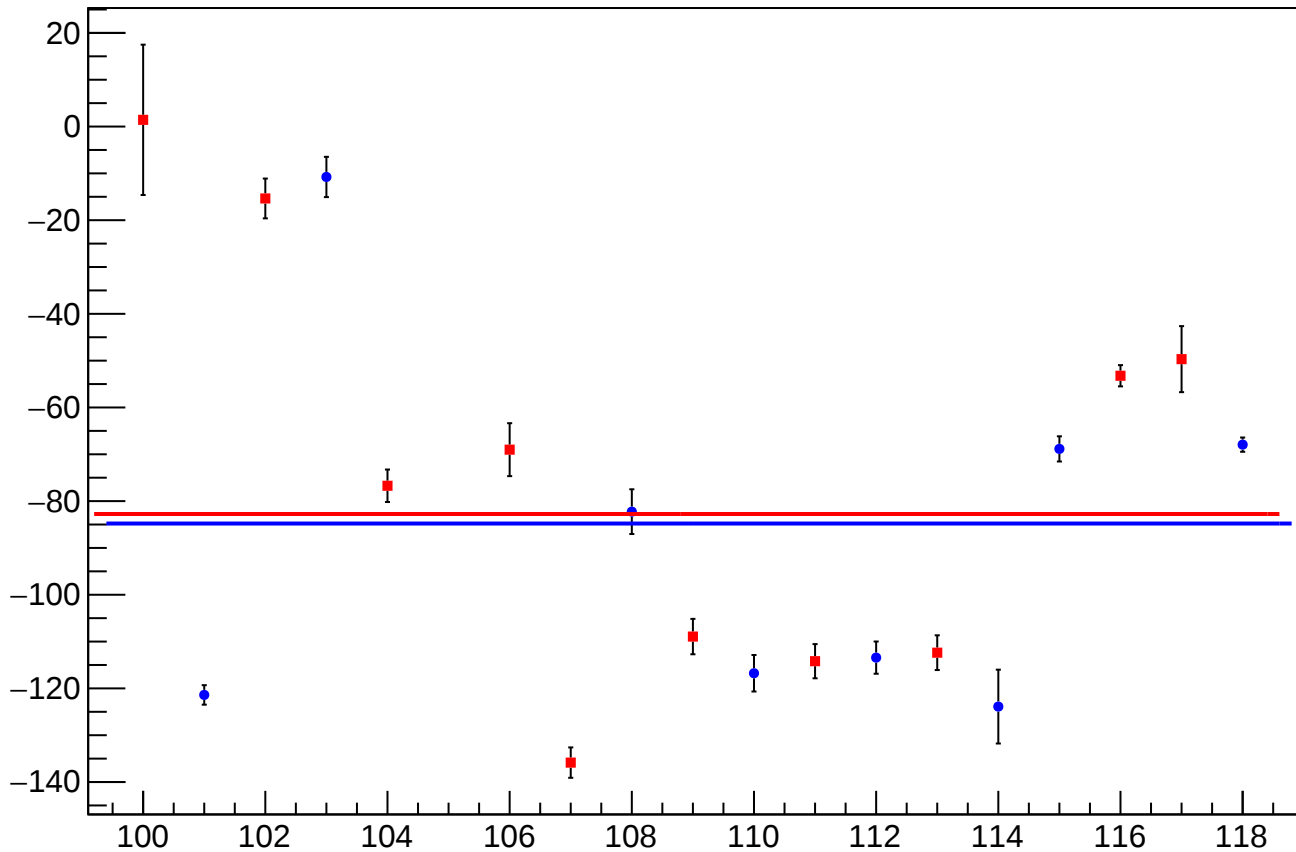
Right Out: -70.254 $\pm$ 1.633 χ^2 /NDF: 221.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-66.334 $\pm$ 1.585 χ^2 /NDF: 147.3/7

-70.254 $\pm$ 1.633 χ^2 /NDF: 221.4/9

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -84.788+/-0.969 χ^2/NDF : 923.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

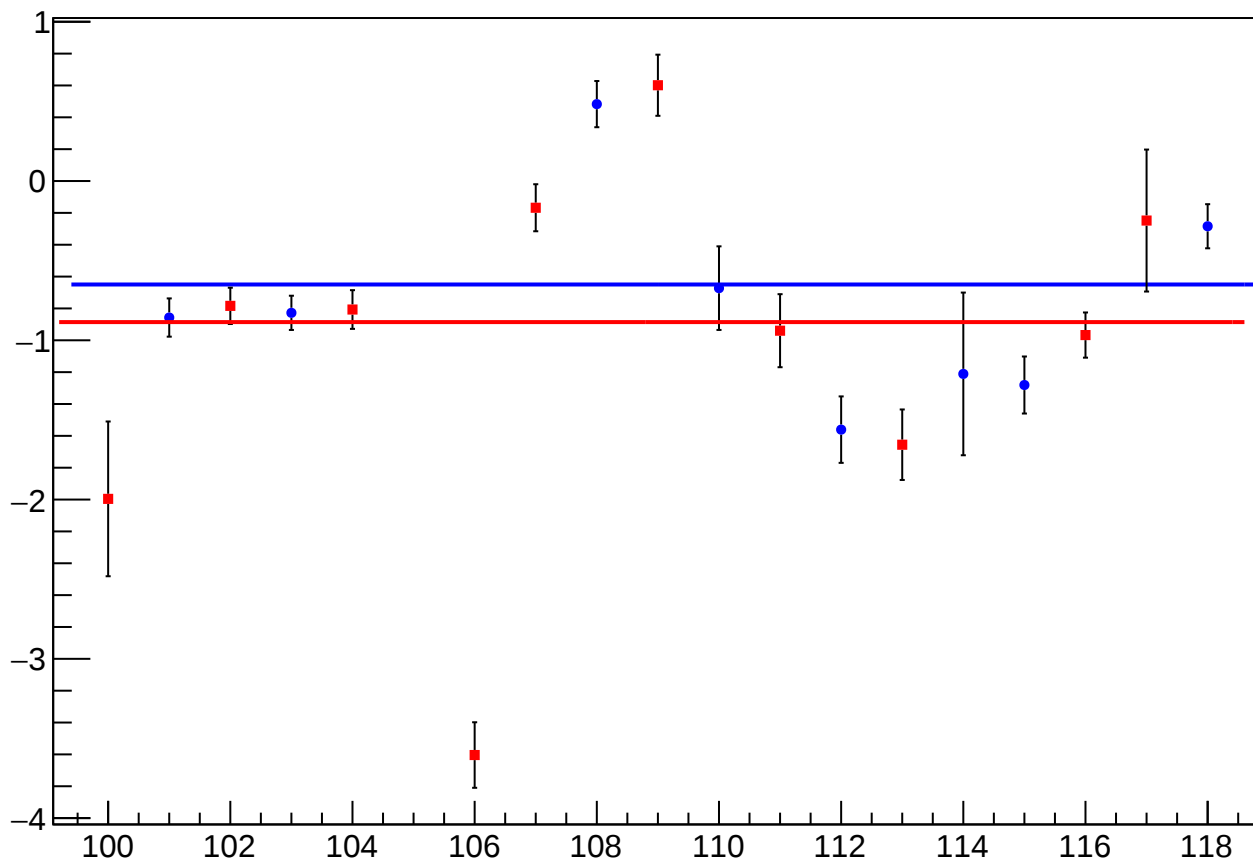
Right Out: -82.753+/-1.195 χ^2/NDF : 932.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-84.788+/-0.969 χ^2/NDF : 923.7/7

-82.753+/-1.195 χ^2/NDF : 932.9/9

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: -0.650 ± 0.055 χ^2/NDF : 106.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

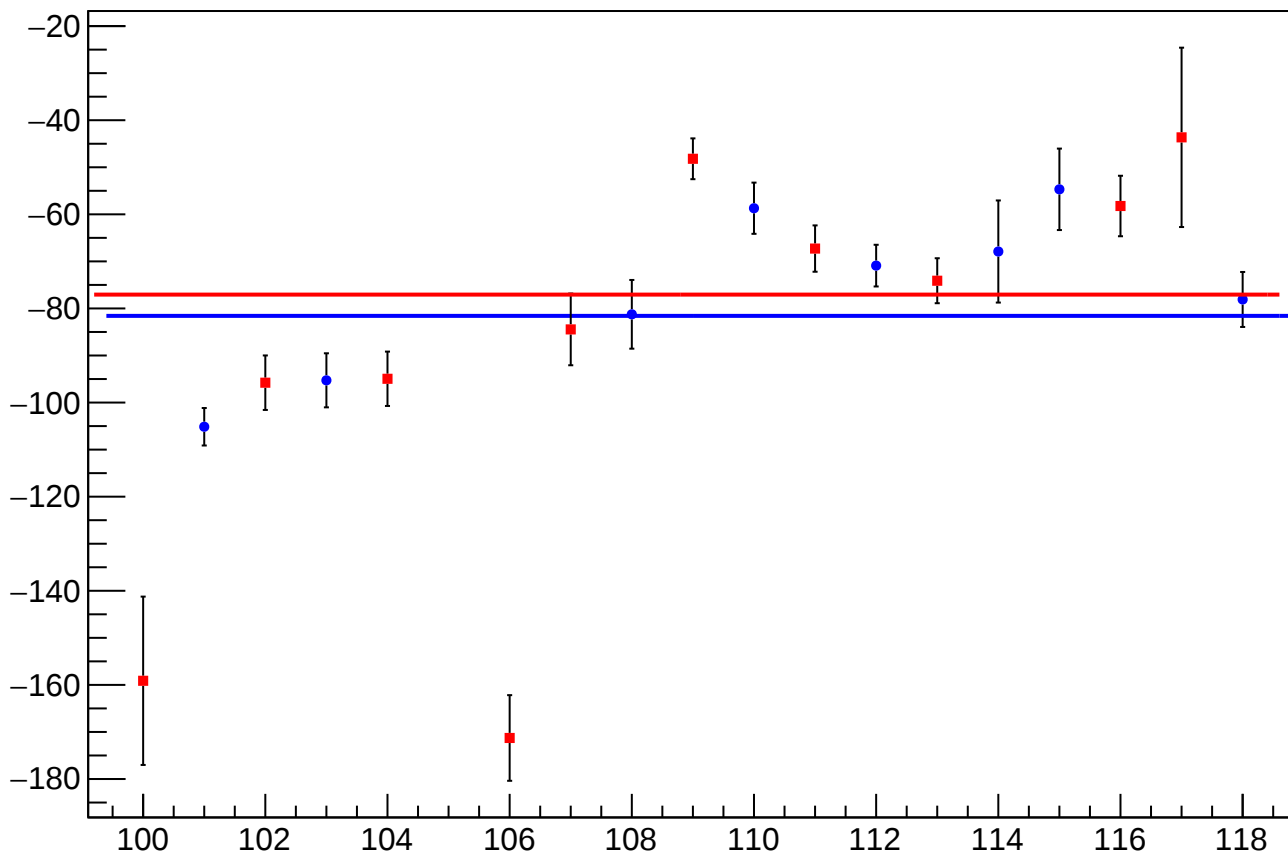
Right Out: -0.886 ± 0.054 χ^2/NDF : 279.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.650 ± 0.055 χ^2/NDF : 106.4/7

-0.886 ± 0.054 χ^2/NDF : 279.2/9

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug



Right In: -81.578+/-2.008 χ^2/NDF : 75.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

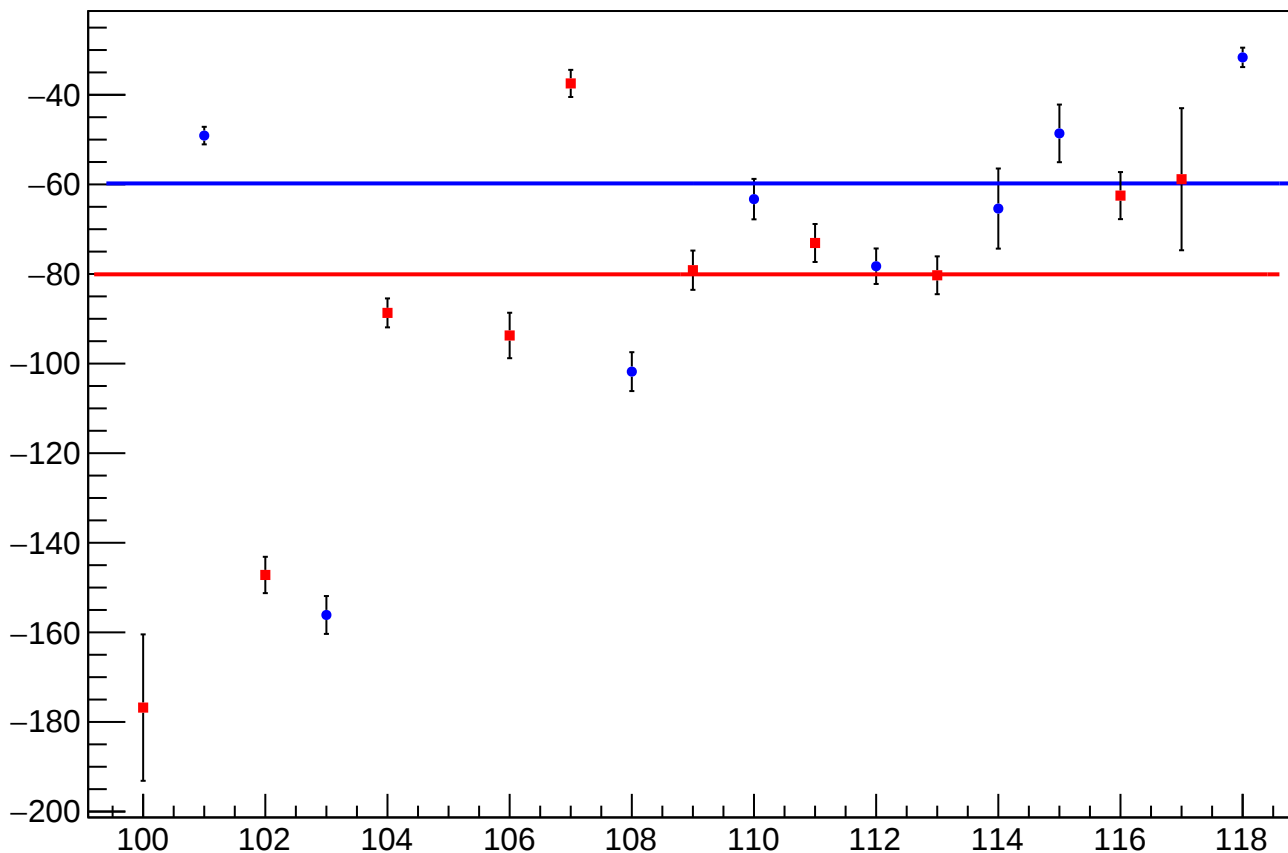
Right Out: -77.058+/-1.971 χ^2/NDF : 209.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-81.578+/-2.008 χ^2/NDF : 75.8/7

-77.058+/-1.971 χ^2/NDF : 209.5/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -59.780 $\pm$ 1.169 χ^2 /NDF: 837.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

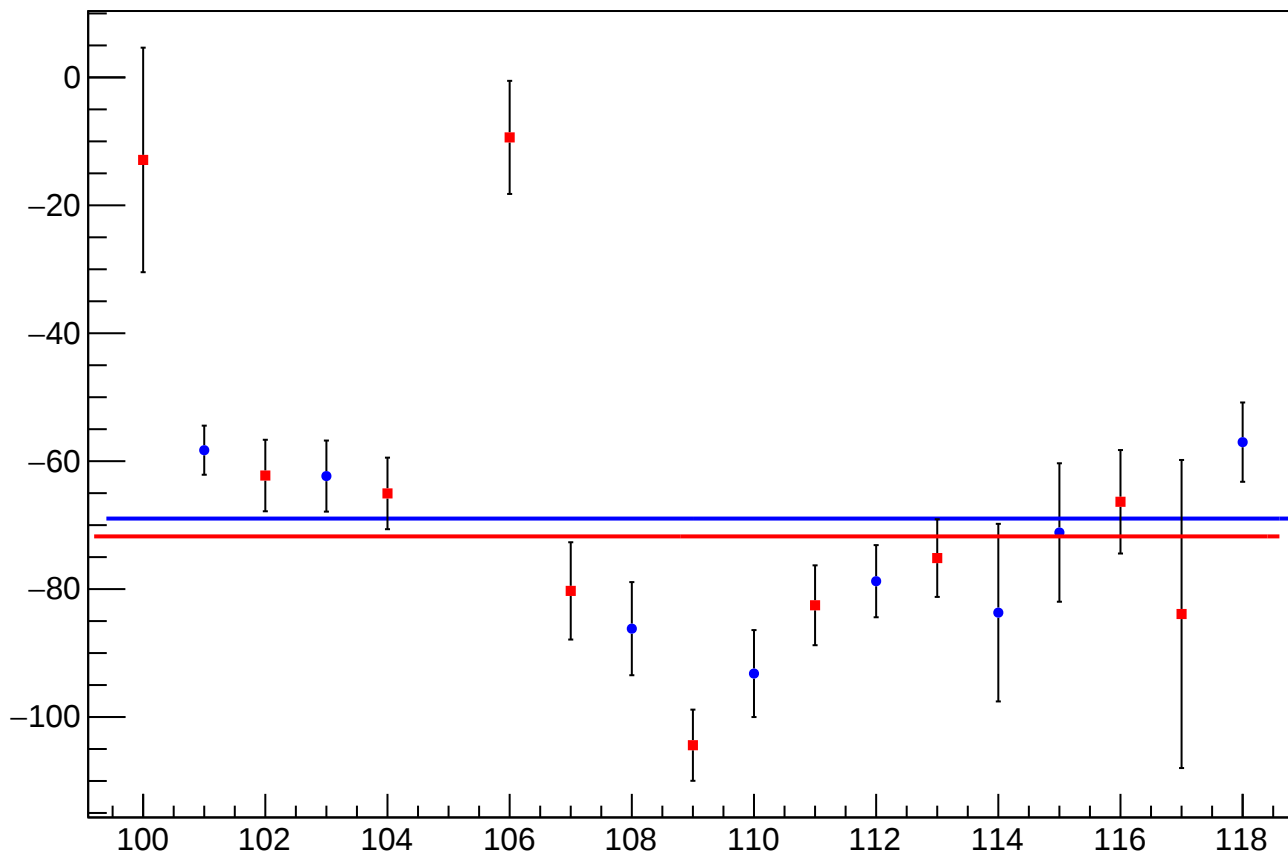
Right Out: -80.075 $\pm$ 1.397 χ^2 /NDF: 537.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-59.780 $\pm$ 1.169 χ^2 /NDF: 837.1/7

-80.075 $\pm$ 1.397 χ^2 /NDF: 537.1/9

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -68.972 $\pm$ 2.172 χ^2 /NDF: 35.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

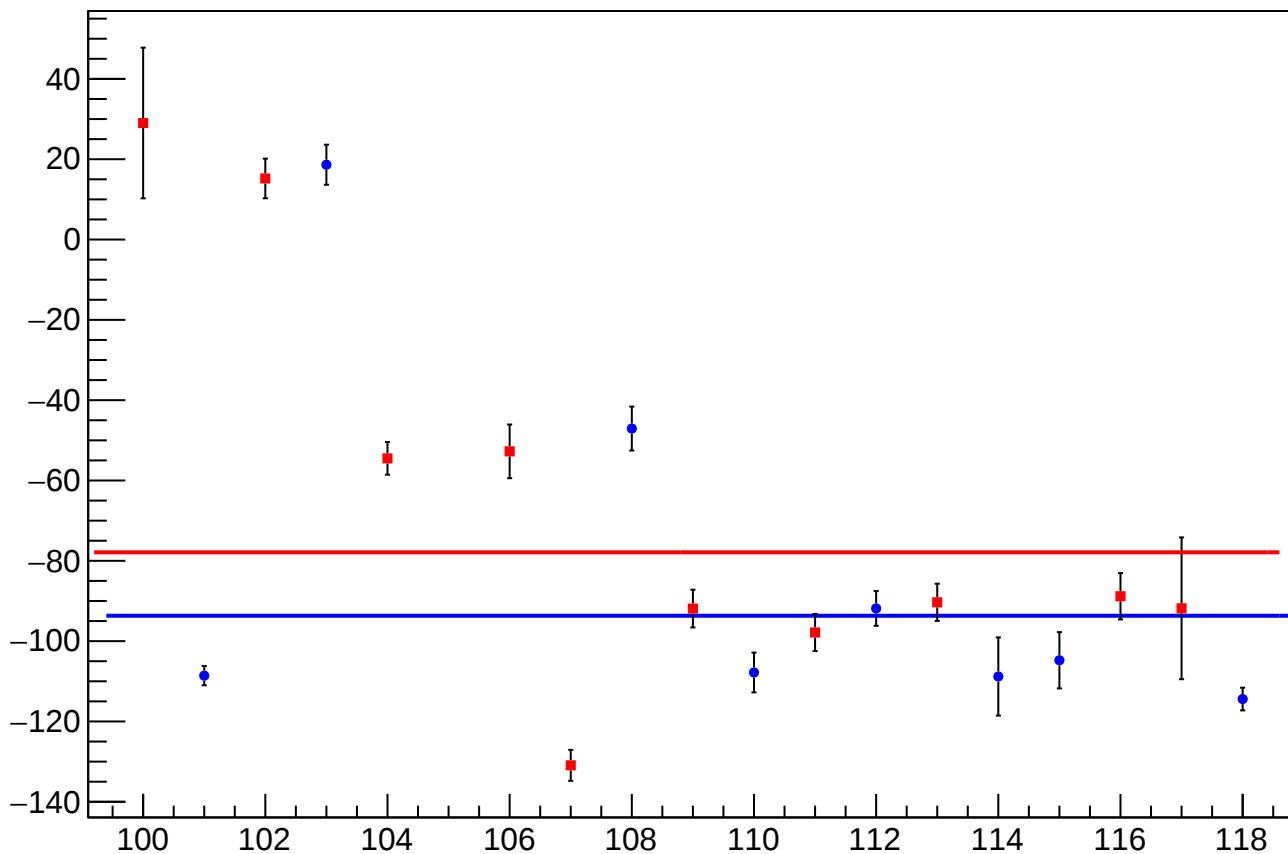
Right Out: -71.762 $\pm$ 2.240 χ^2 /NDF: 105.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.972 $\pm$ 2.172 χ^2 /NDF: 35.4/7

-71.762 $\pm$ 2.240 χ^2 /NDF: 105.0/9

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -93.676 $\pm$ 1.417 χ^2 /NDF: 684.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

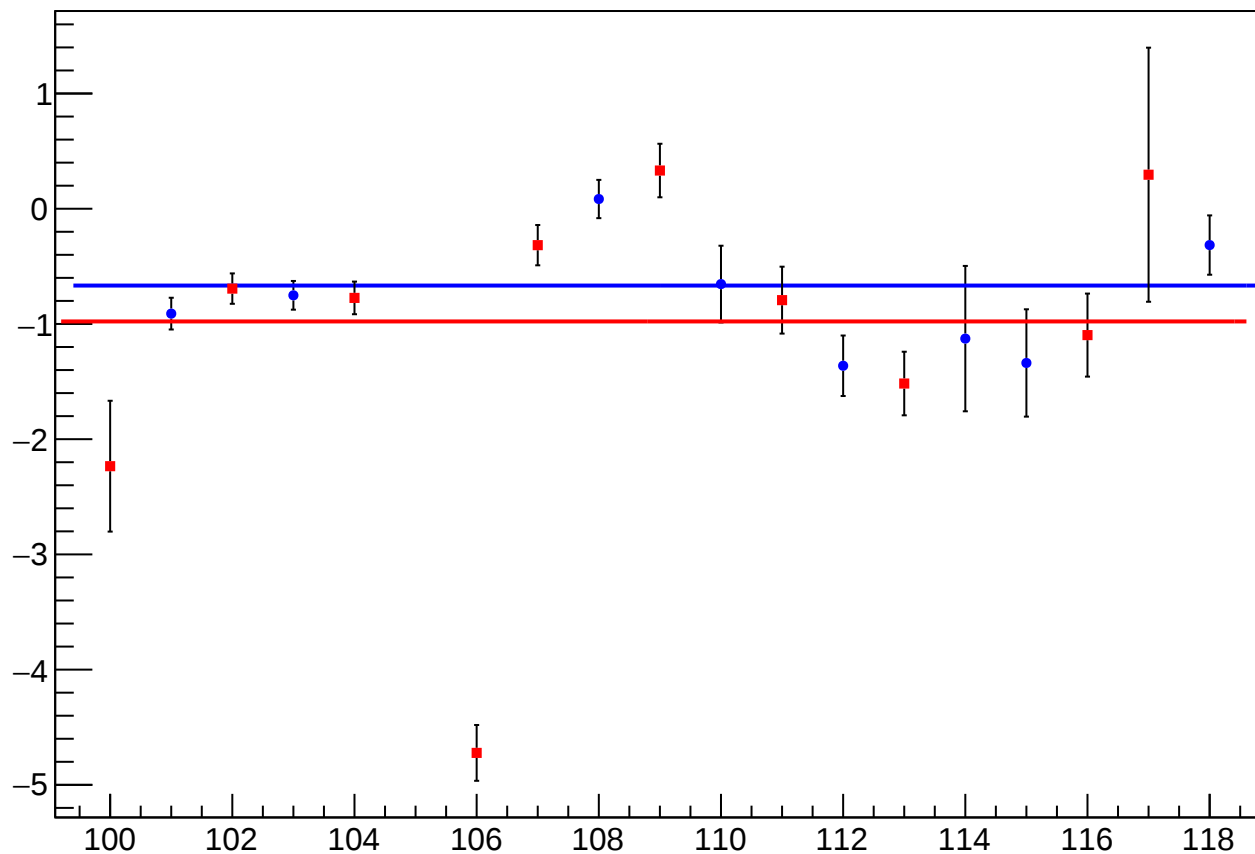
Right Out: -77.882 $\pm$ 1.653 χ^2 /NDF: 664.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-93.676 $\pm$ 1.417 χ^2 /NDF: 684.6/7

-77.882 $\pm$ 1.653 χ^2 /NDF: 664.1/9

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.667 ± 0.071 χ^2/NDF : 35.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

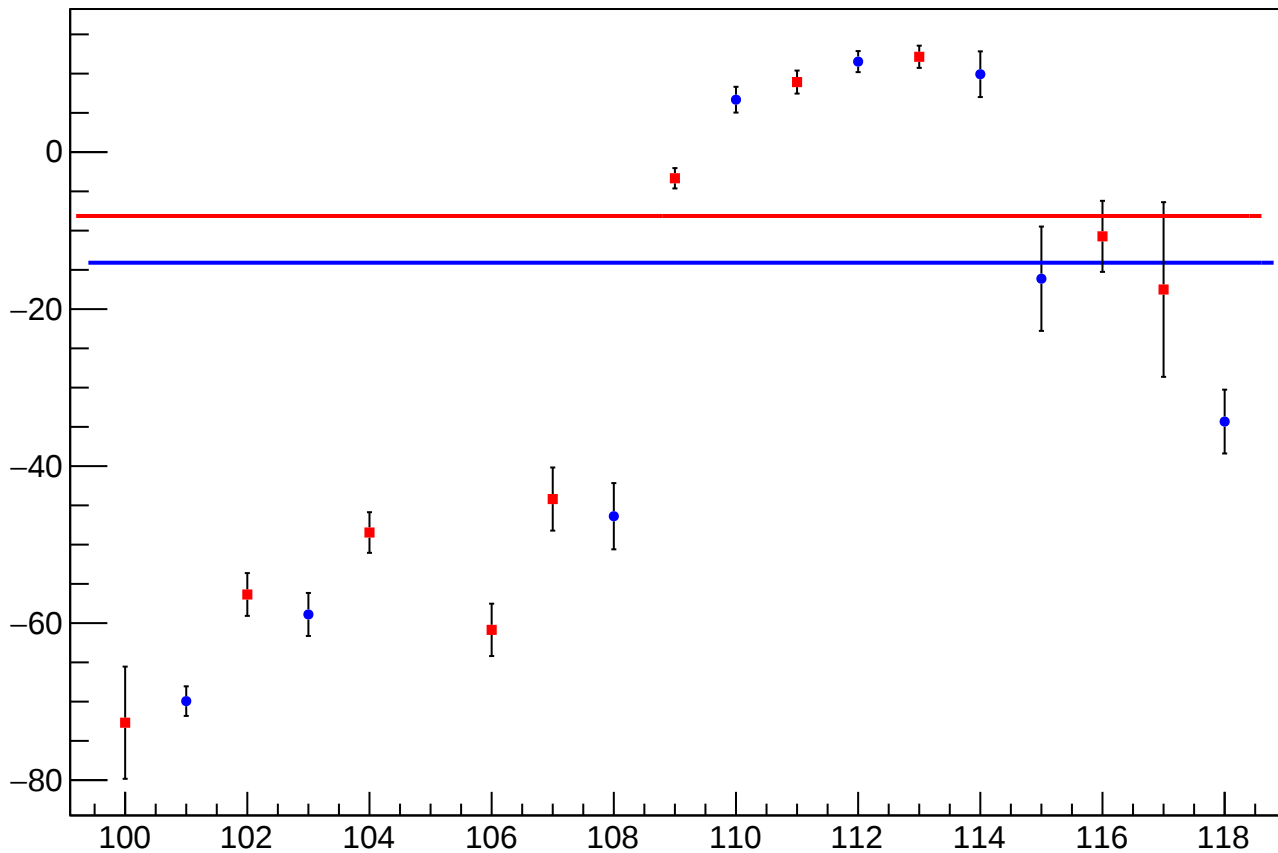
Right Out: -0.978 ± 0.069 χ^2/NDF : 302.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.667 ± 0.071 χ^2/NDF : 35.6/7

-0.978 ± 0.069 χ^2/NDF : 302.5/9

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug



Right In: -14.089+/-0.791 χ^2/NDF : 1821.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

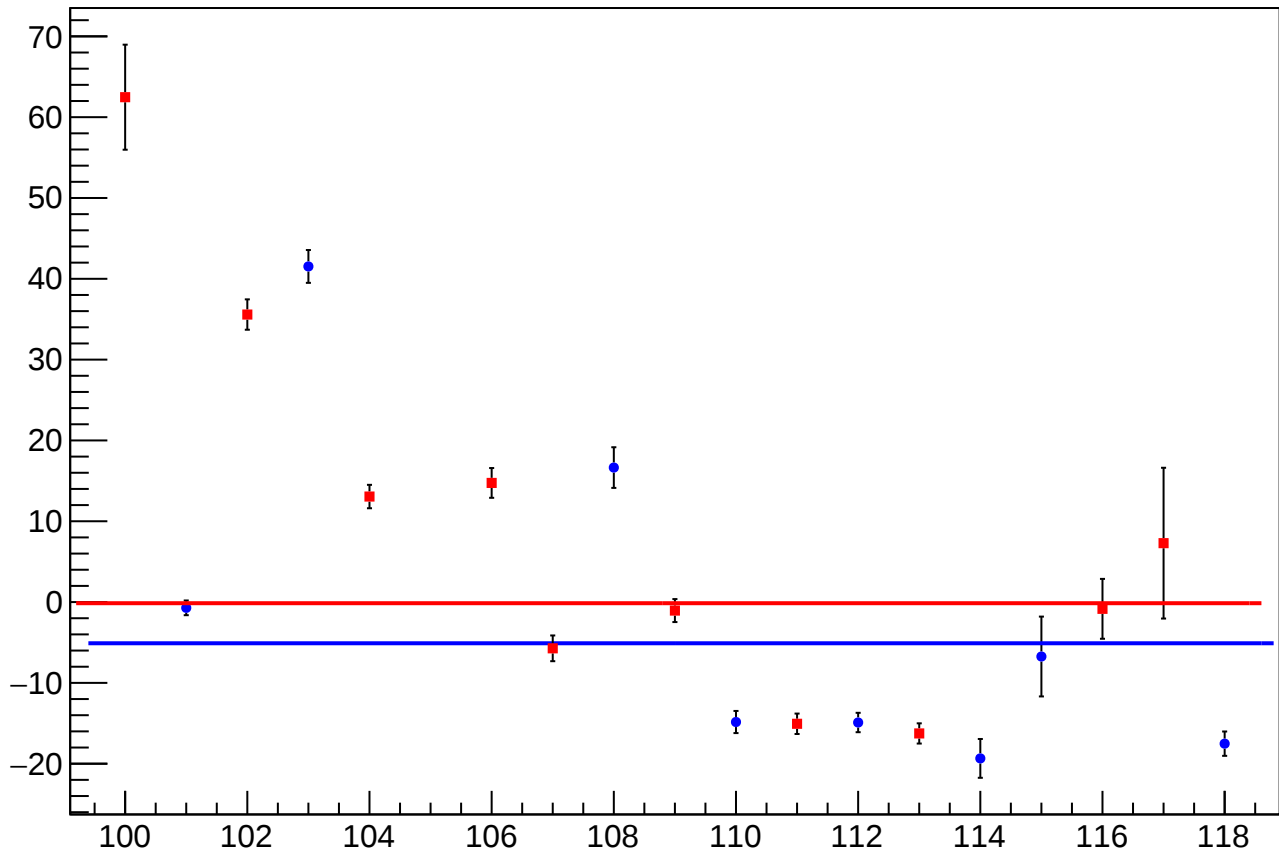
Right Out: -8.135+/-0.694 χ^2/NDF : 1323.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14.089+/-0.791 χ^2/NDF : 1821.0/7

-8.135+/-0.694 χ^2/NDF : 1323.6/9

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -5.098+/-0.535 χ^2/NDF : 845.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

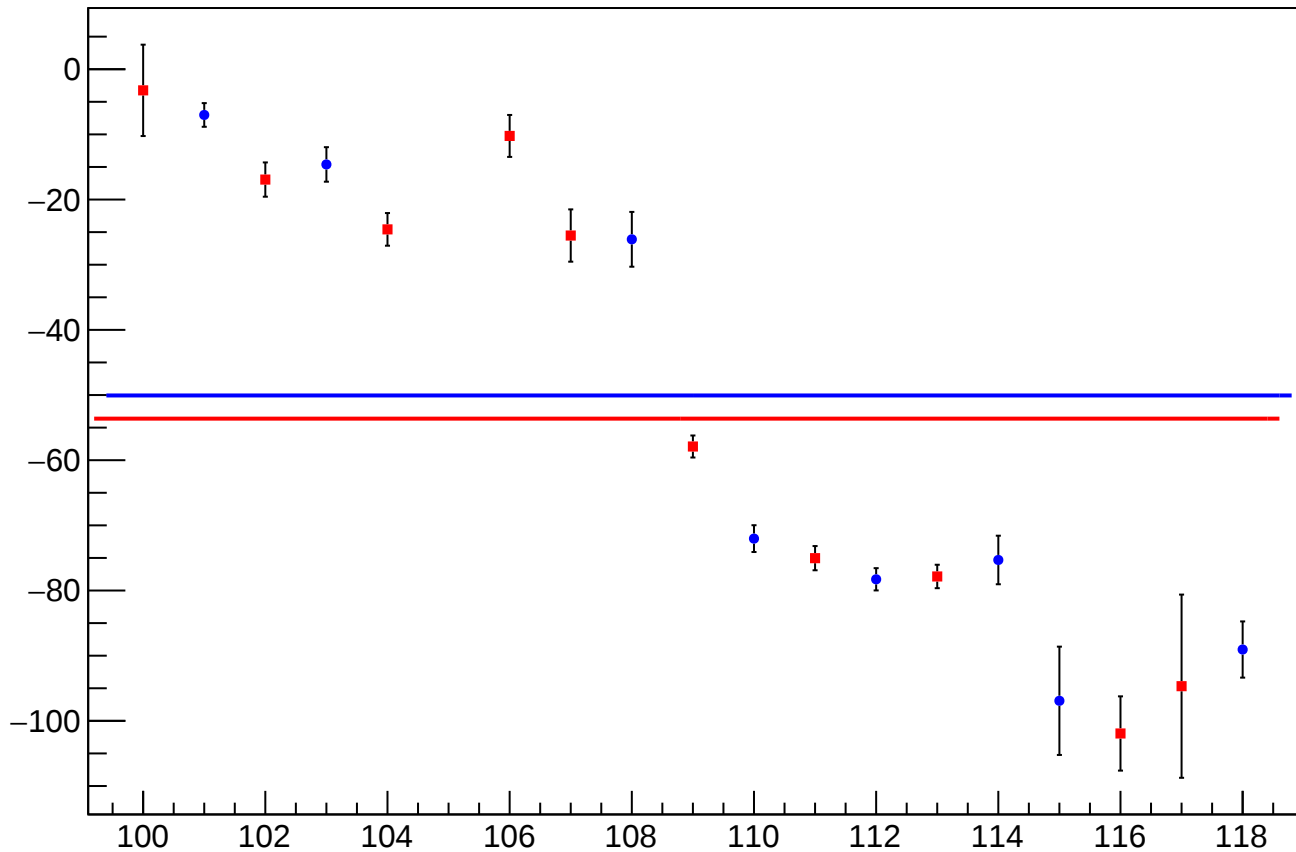
Right Out: -0.140+/-0.549 χ^2/NDF : 921.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.098+/-0.535 χ^2/NDF : 845.3/7

-0.140+/-0.549 χ^2/NDF : 921.2/9

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -50.065+/-0.905 χ^2/NDF : 1319.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

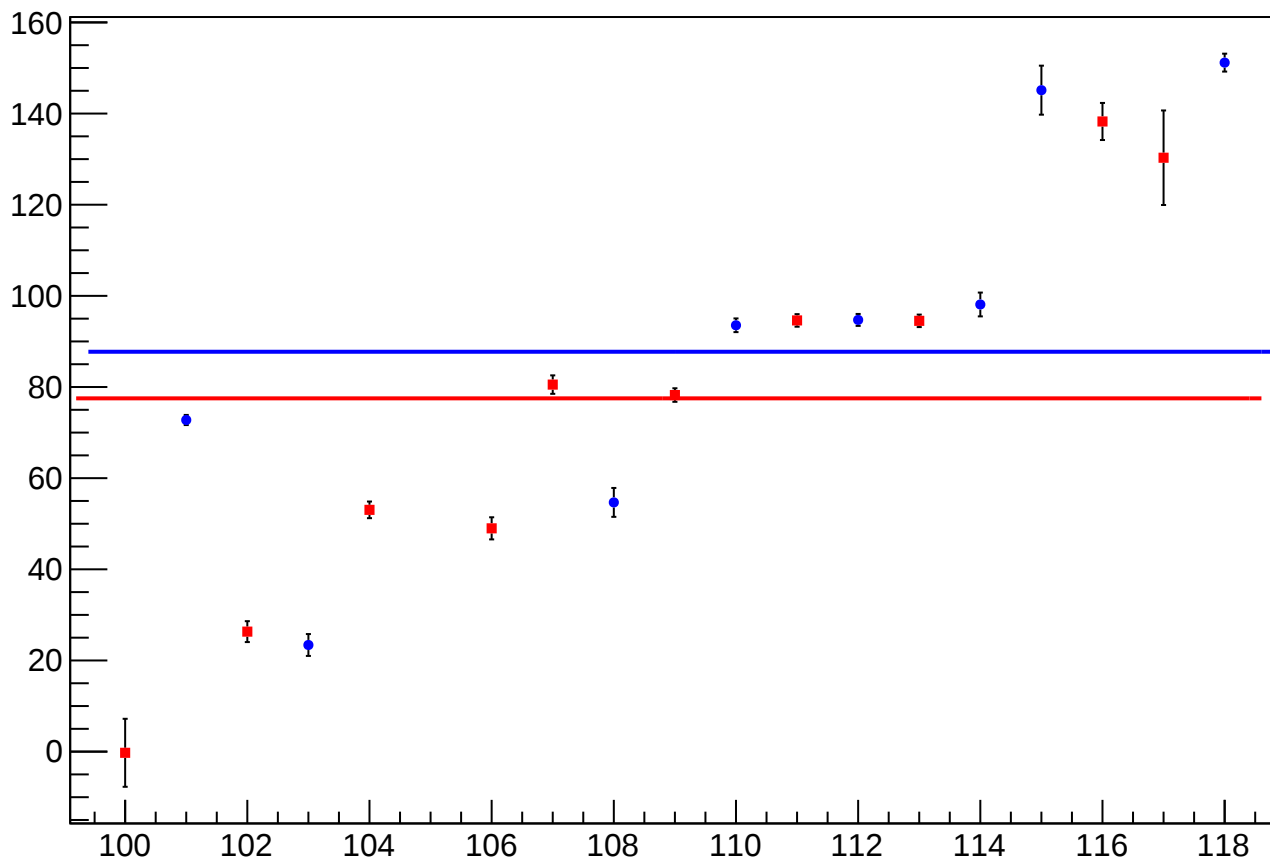
Right Out: -53.622+/-0.825 χ^2/NDF : 1012.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-50.065+/-0.905 χ^2/NDF : 1319.4/7

-53.622+/-0.825 χ^2/NDF : 1012.1/9

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 87.738 $\pm$ 0.626 χ^2 /NDF: 2224.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

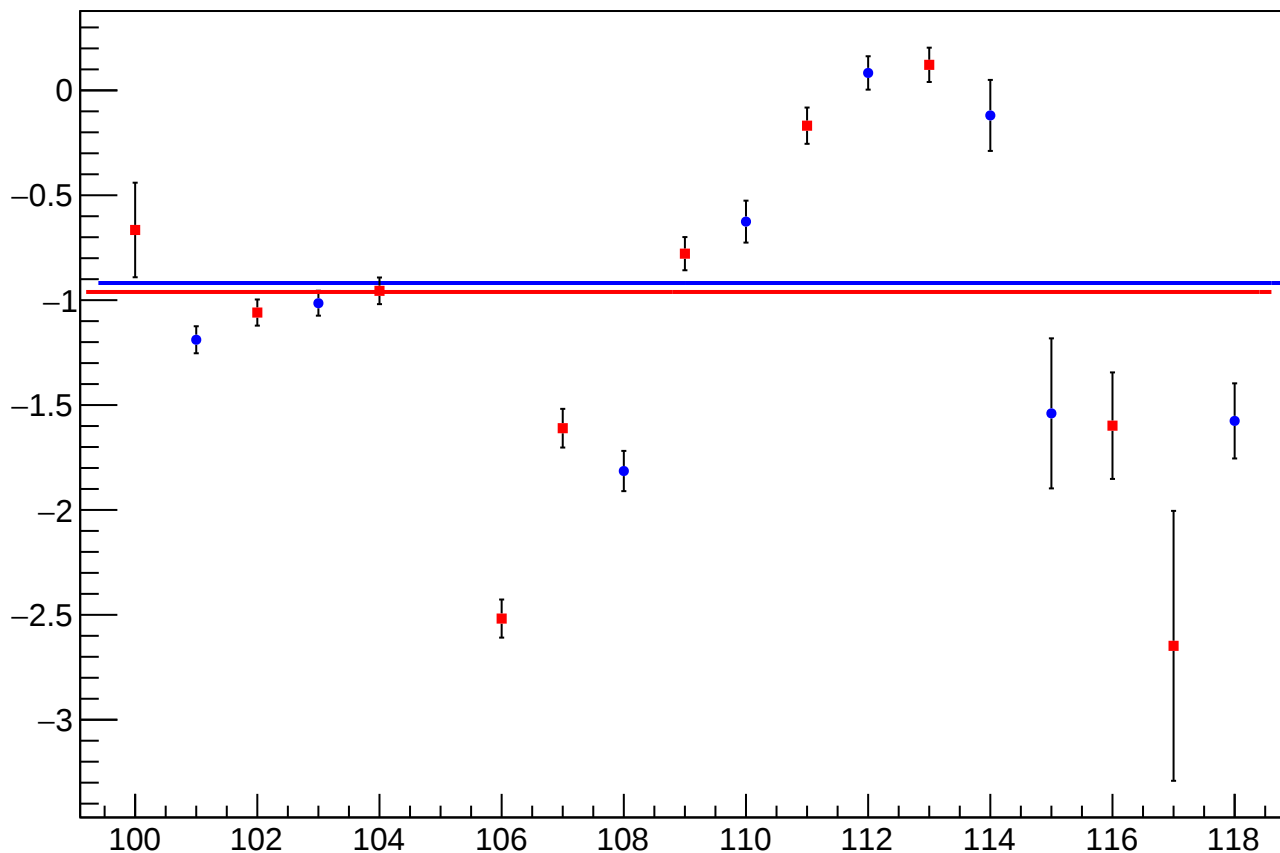
Right Out: 77.511 $\pm$ 0.632 χ^2 /NDF: 1484.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

87.738 $\pm$ 0.626 χ^2 /NDF: 2224.6/7

77.511 $\pm$ 0.632 χ^2 /NDF: 1484.3/9

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.918+/-0.032 χ^2 /NDF: 313.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

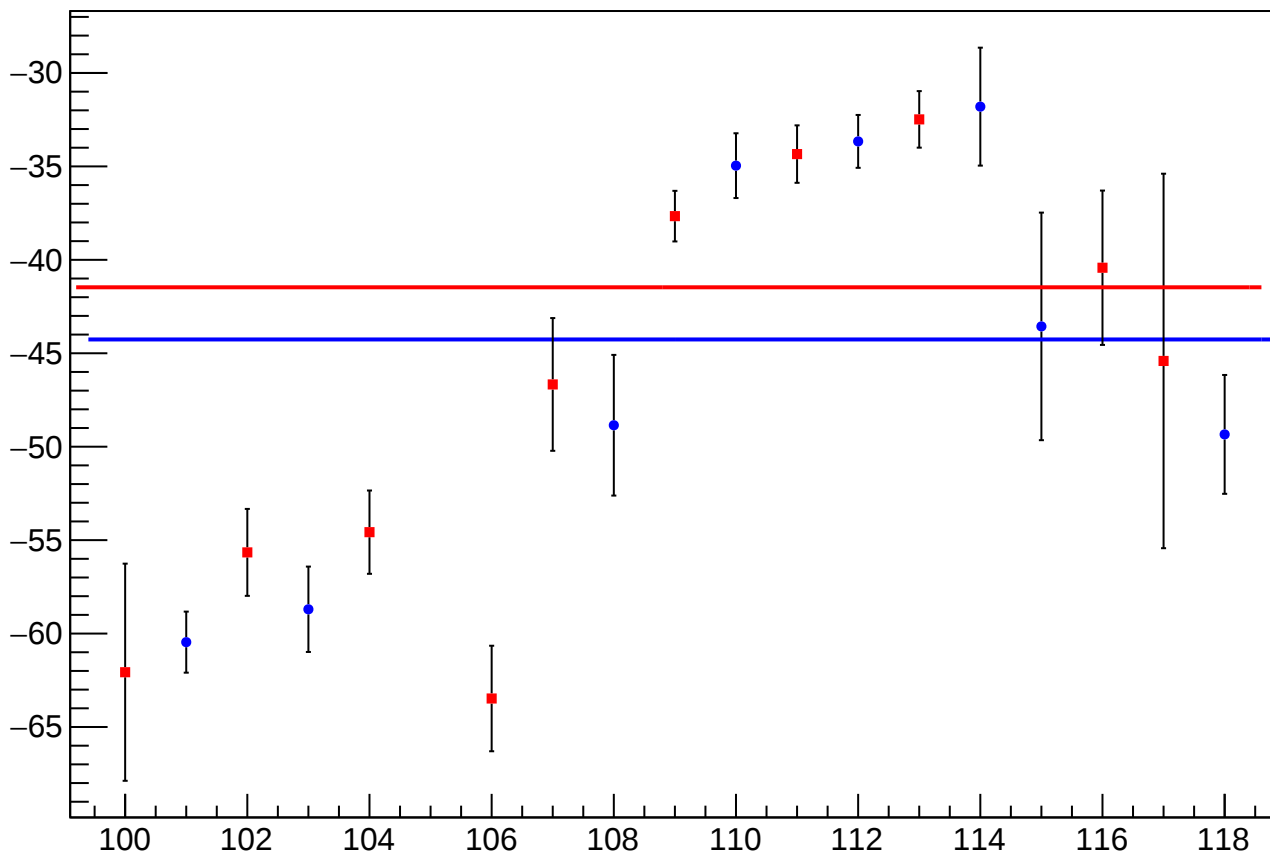
Right Out: -0.961+/-0.029 χ^2 /NDF: 625.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.918+/-0.032 χ^2 /NDF: 313.3/7

-0.961+/-0.029 χ^2 /NDF: 625.6/9

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug



Right In: -44.261 $\pm$ 0.768 χ^2 /NDF: 242.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

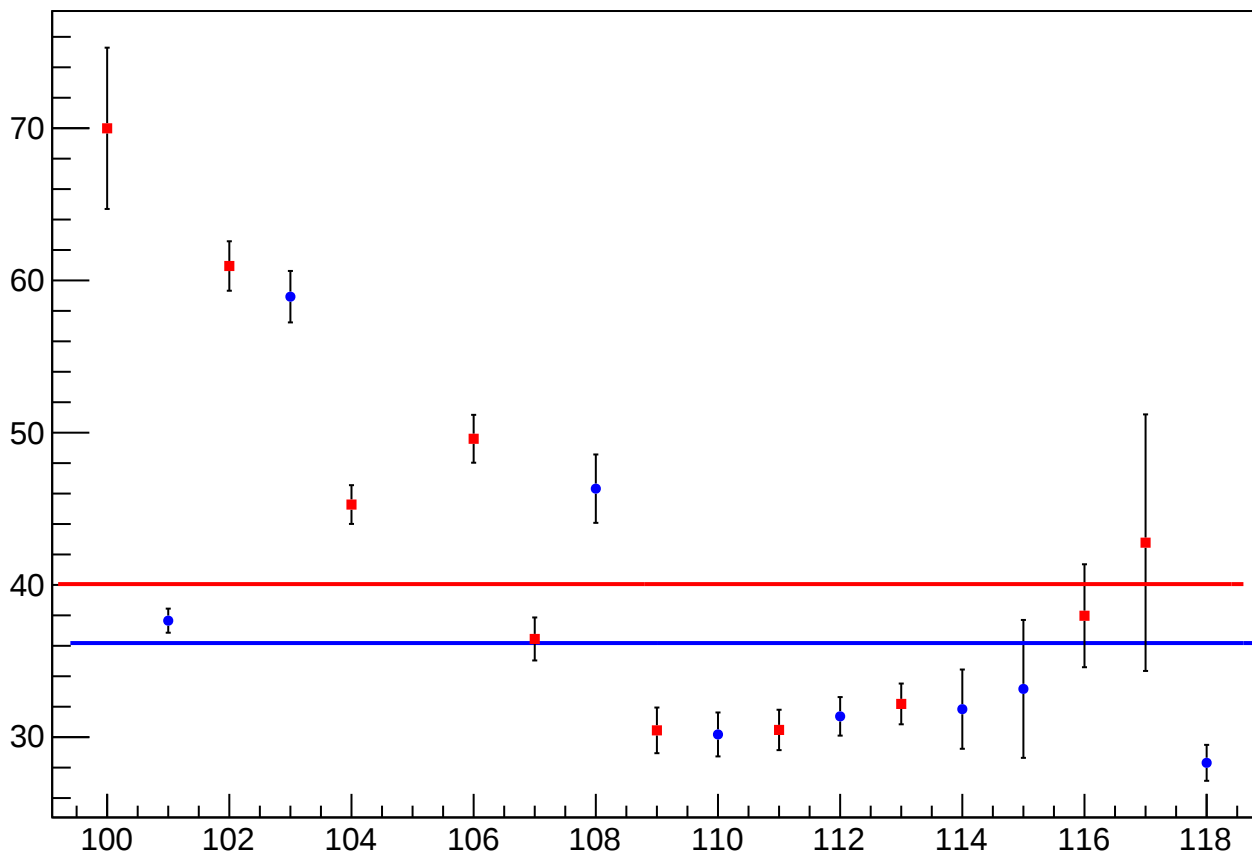
Right Out: -41.470 $\pm$ 0.691 χ^2 /NDF: 212.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-44.261 $\pm$ 0.768 χ^2 /NDF: 242.8/7

-41.470 $\pm$ 0.691 χ^2 /NDF: 212.1/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 36.181 $\pm$ 0.490 χ^2 /NDF: 284.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

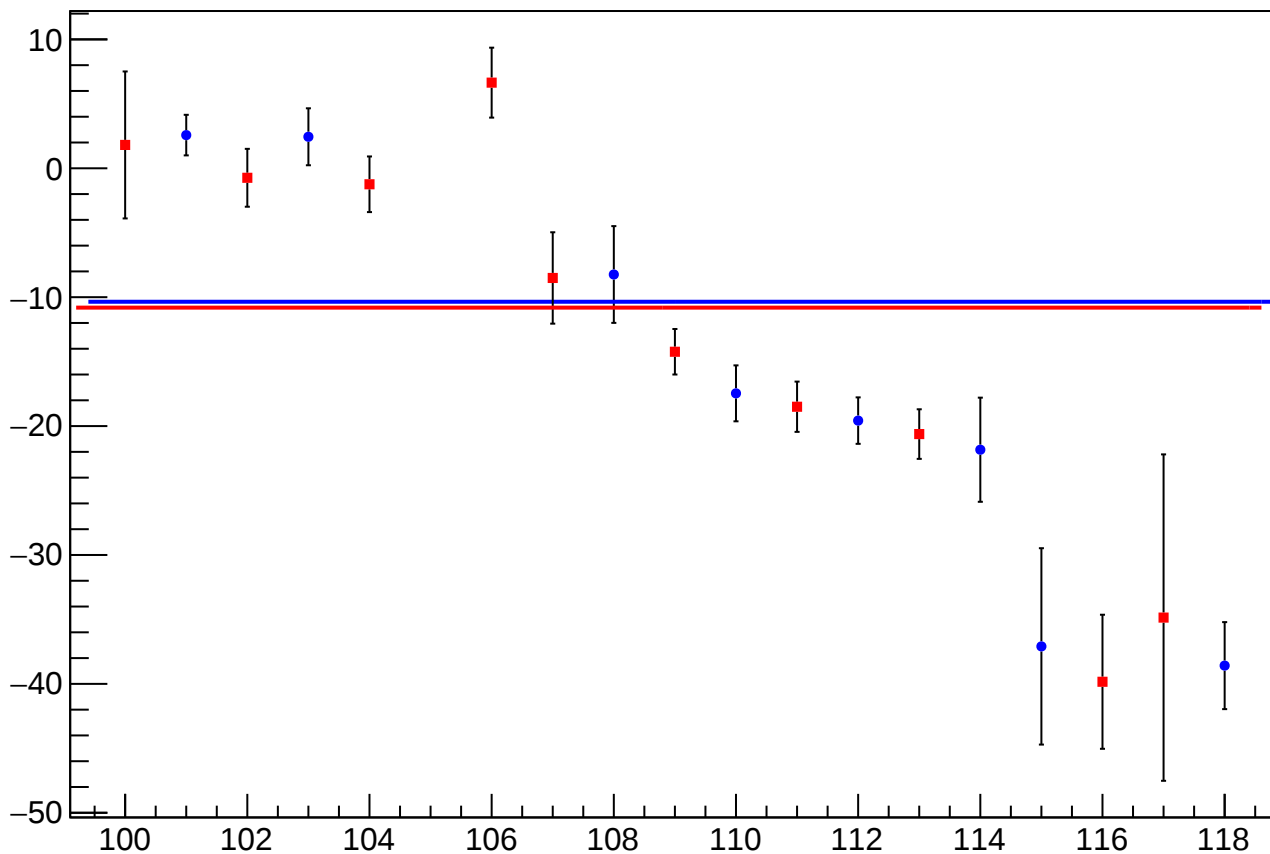
Right Out: 40.054 $\pm$ 0.526 χ^2 /NDF: 385.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

36.181 $\pm$ 0.490 χ^2 /NDF: 284.4/7

40.054 $\pm$ 0.526 χ^2 /NDF: 385.9/9

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -10.354+/-0.856 χ^2/NDF : 228.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

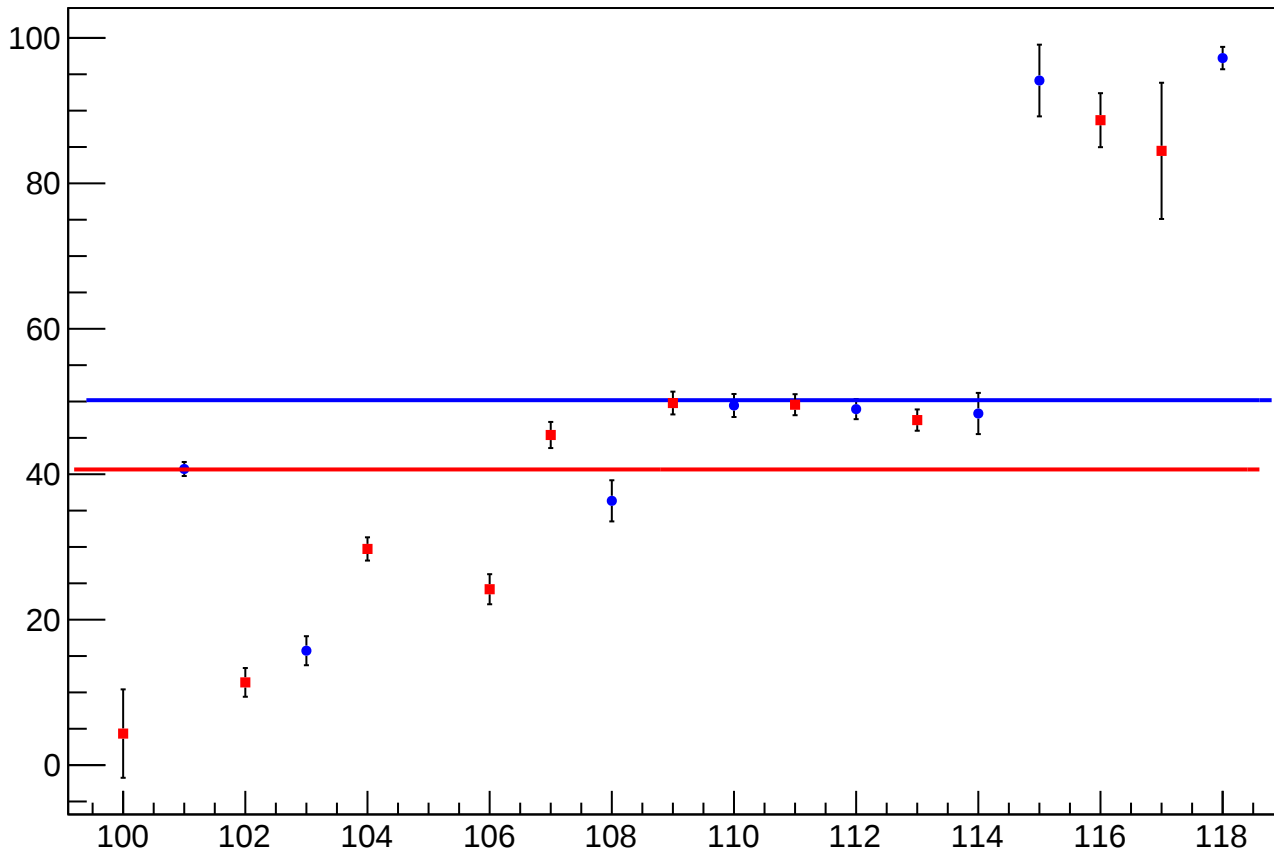
Right Out: -10.810+/-0.802 χ^2/NDF : 166.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.354+/-0.856 χ^2/NDF : 228.6/7

-10.810+/-0.802 χ^2/NDF : 166.6/9

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 50.184+/-0.581 χ^2/NDF : 1434.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

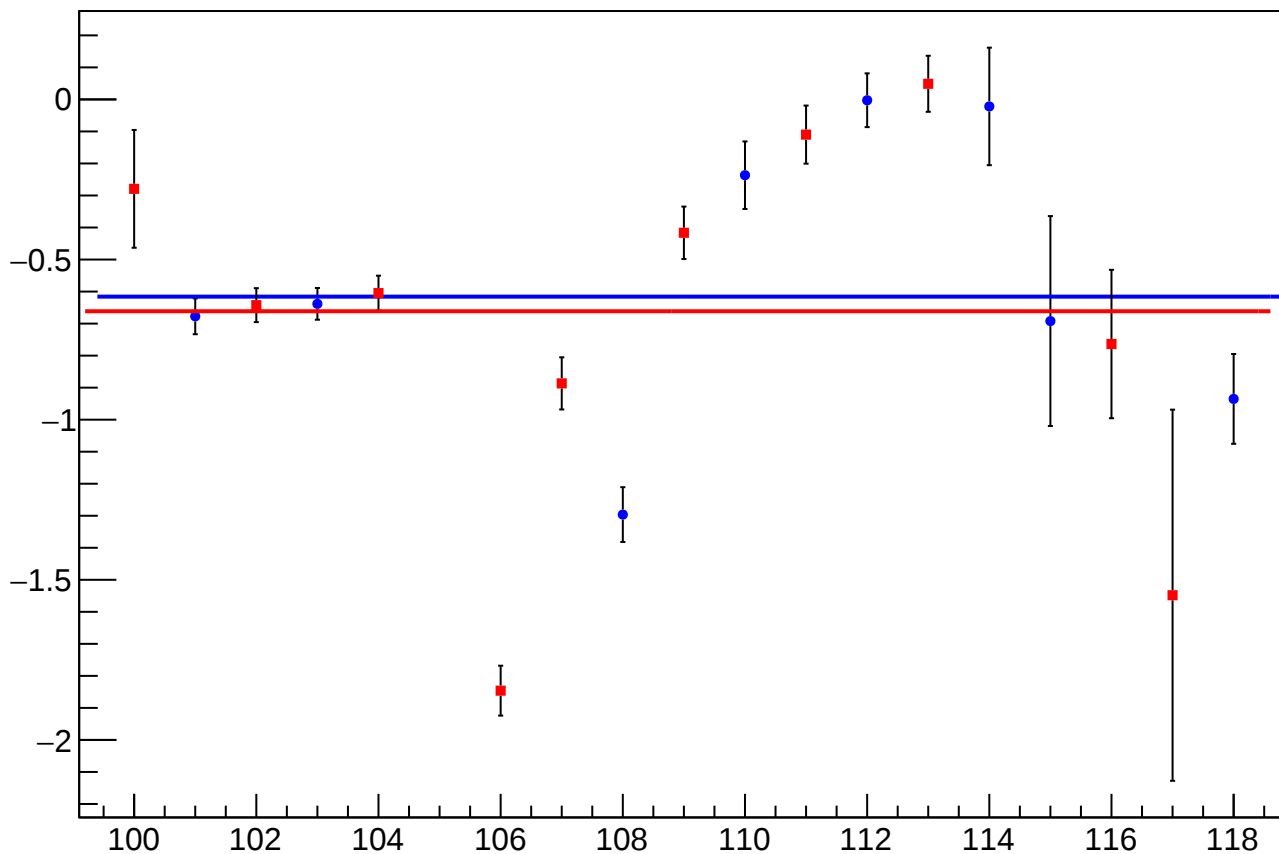
Right Out: 40.658+/-0.614 χ^2/NDF : 654.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

50.184+/-0.581 χ^2/NDF : 1434.4/7

40.658+/-0.614 χ^2/NDF : 654.9/9

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.616+/-0.029 χ^2/NDF : 146.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

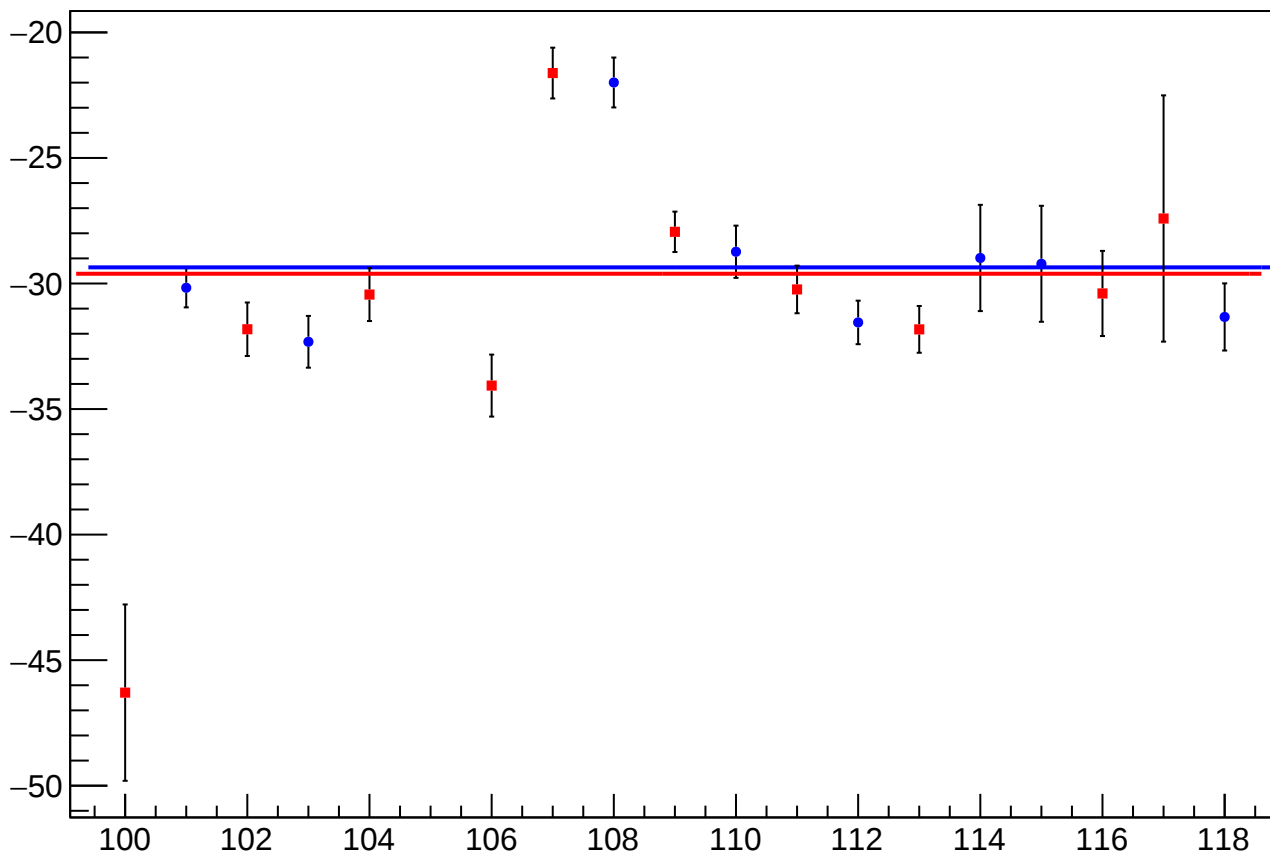
Right Out: -0.661+/-0.026 χ^2/NDF : 358.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.616+/-0.029 χ^2/NDF : 146.7/7

-0.661+/-0.026 χ^2/NDF : 358.8/9

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug



Right In: -29.357 ± 0.383 χ^2/NDF : 73.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

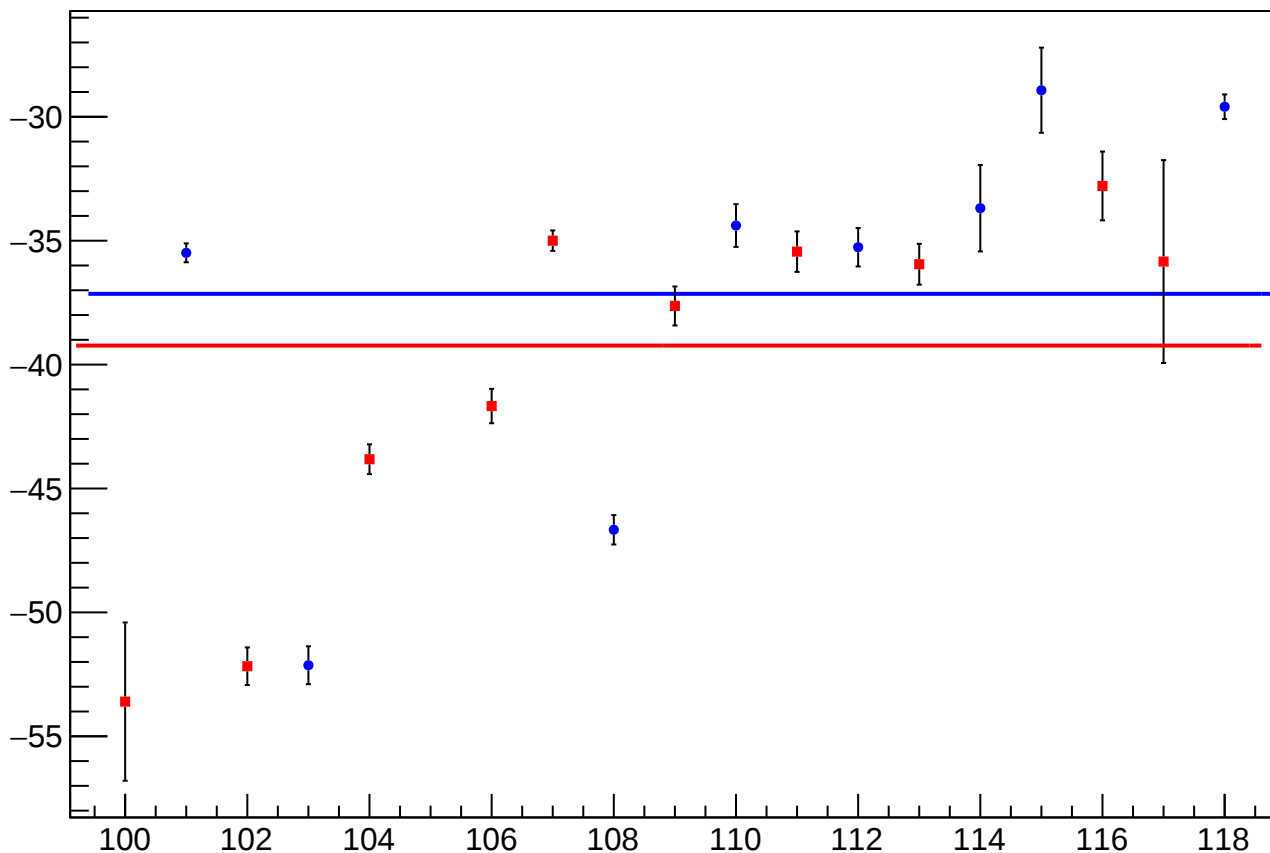
Right Out: -29.612 ± 0.361 χ^2/NDF : 113.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.357 ± 0.383 χ^2/NDF : 73.2/7

-29.612 ± 0.361 χ^2/NDF : 113.8/9

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -37.144+/-0.228 χ^2/NDF : 935.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

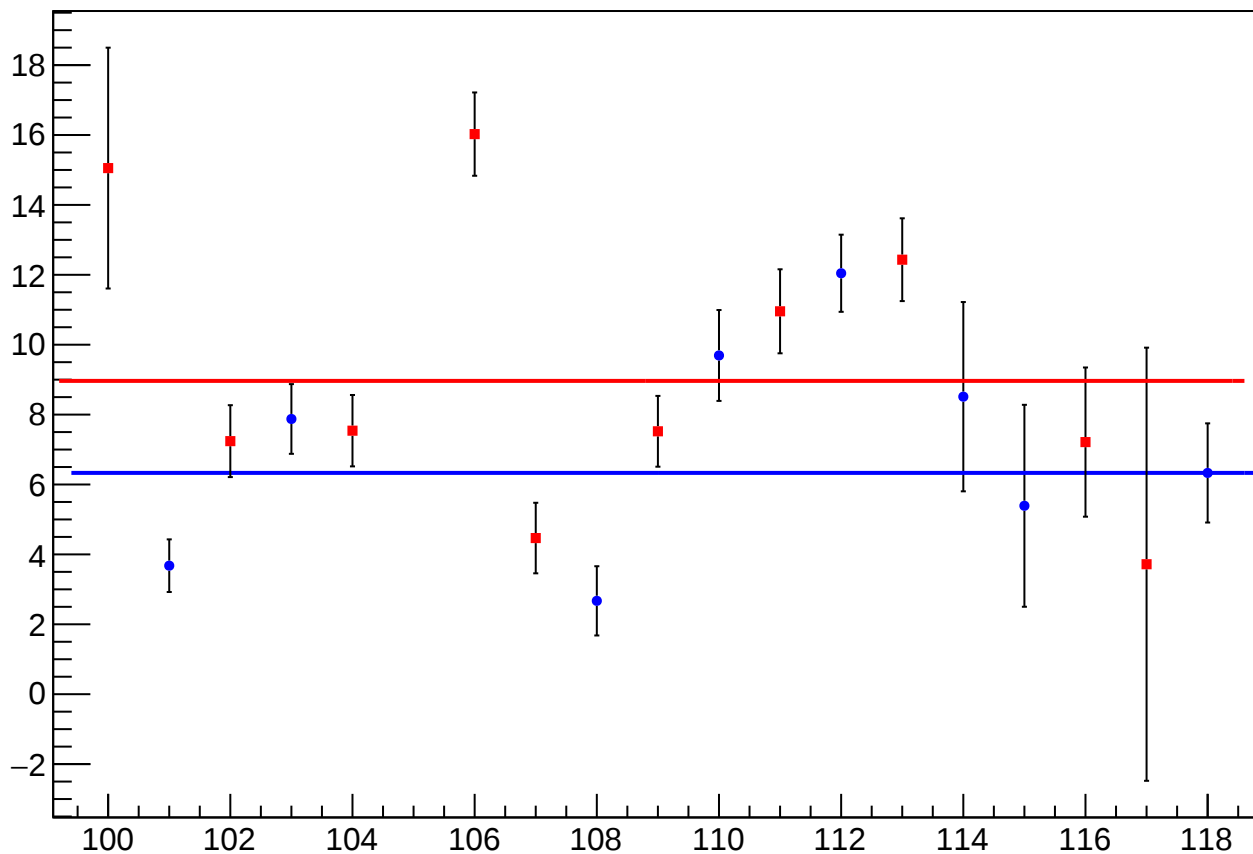
Right Out: -39.233+/-0.237 χ^2/NDF : 551.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-37.144+/-0.228 χ^2/NDF : 935.4/7

-39.233+/-0.237 χ^2/NDF : 551.0/9

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 6.332 $\pm$ 0.410 χ^2 /NDF: 62.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

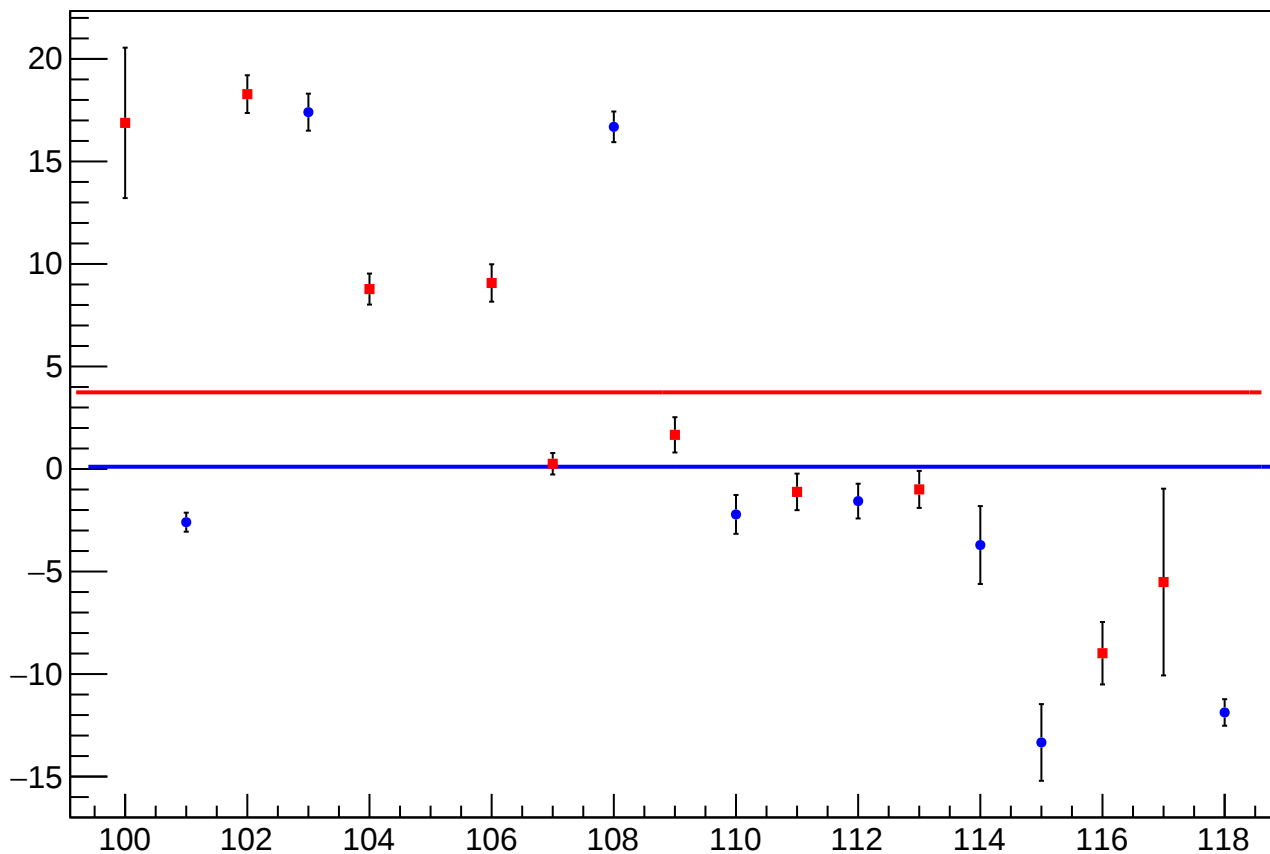
Right Out: 8.964 $\pm$ 0.398 χ^2 /NDF: 77.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6.332 $\pm$ 0.410 χ^2 /NDF: 62.7/7

8.964 $\pm$ 0.398 χ^2 /NDF: 77.6/9

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: 0.111+/-0.276 χ^2/NDF : 1301.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

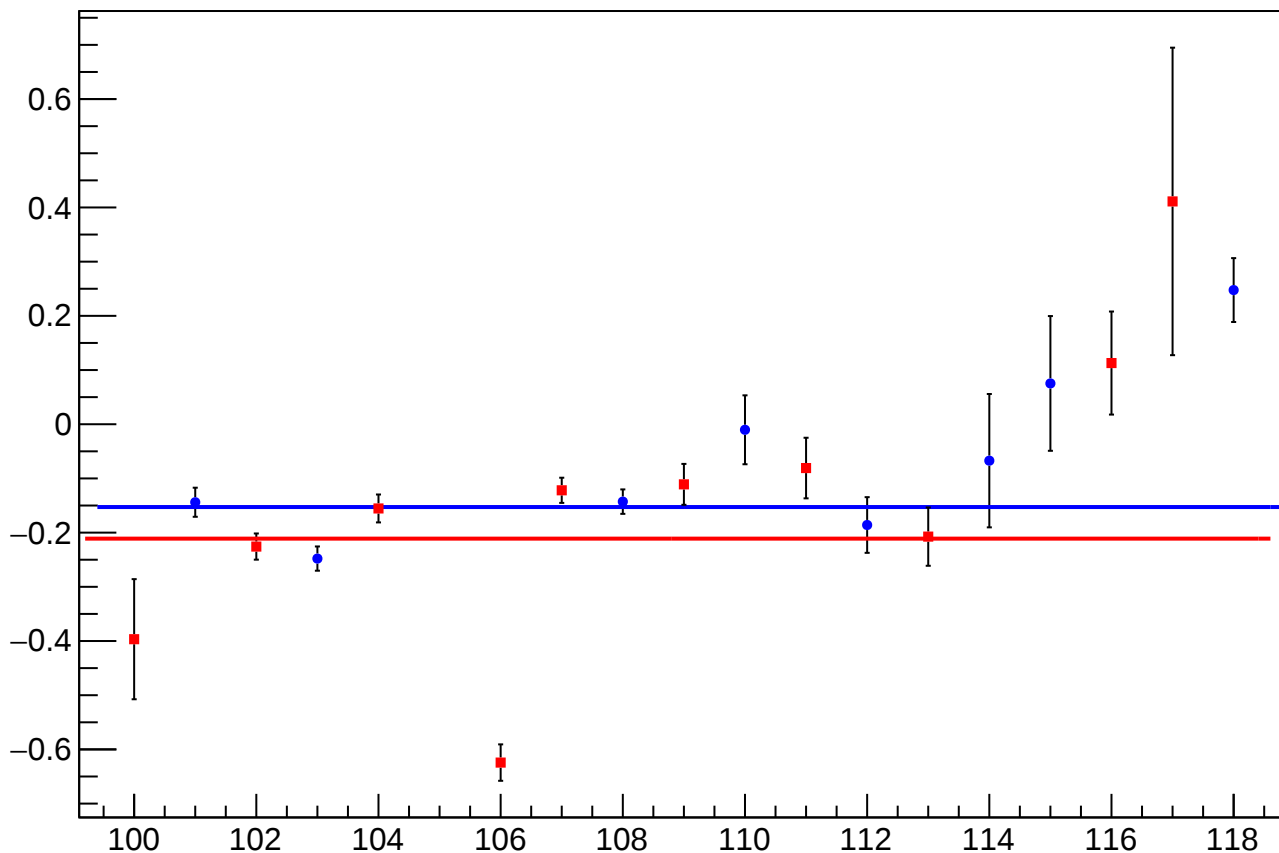
Right Out: 3.738+/-0.287 χ^2/NDF : 522.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.111+/-0.276 χ^2/NDF : 1301.5/7

3.738+/-0.287 χ^2/NDF : 522.8/9

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.153 $\pm$ 0.013 χ^2 /NDF: 73.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

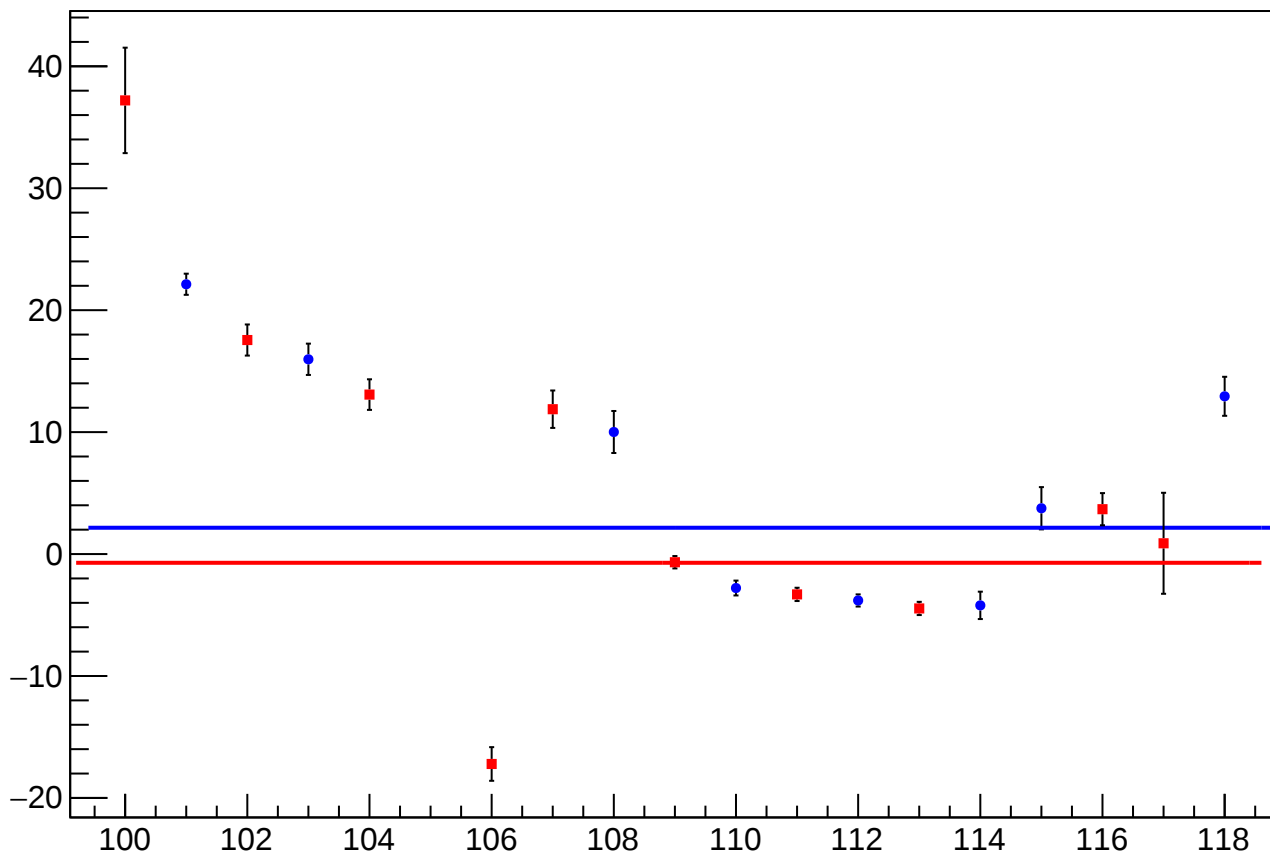
Right Out: -0.211 $\pm$ 0.012 χ^2 /NDF: 202.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.153 $\pm$ 0.013 χ^2 /NDF: 73.8/7

-0.211 $\pm$ 0.012 χ^2 /NDF: 202.6/9

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug



Right In: 2.158+/-0.309 χ^2/NDF : 954.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

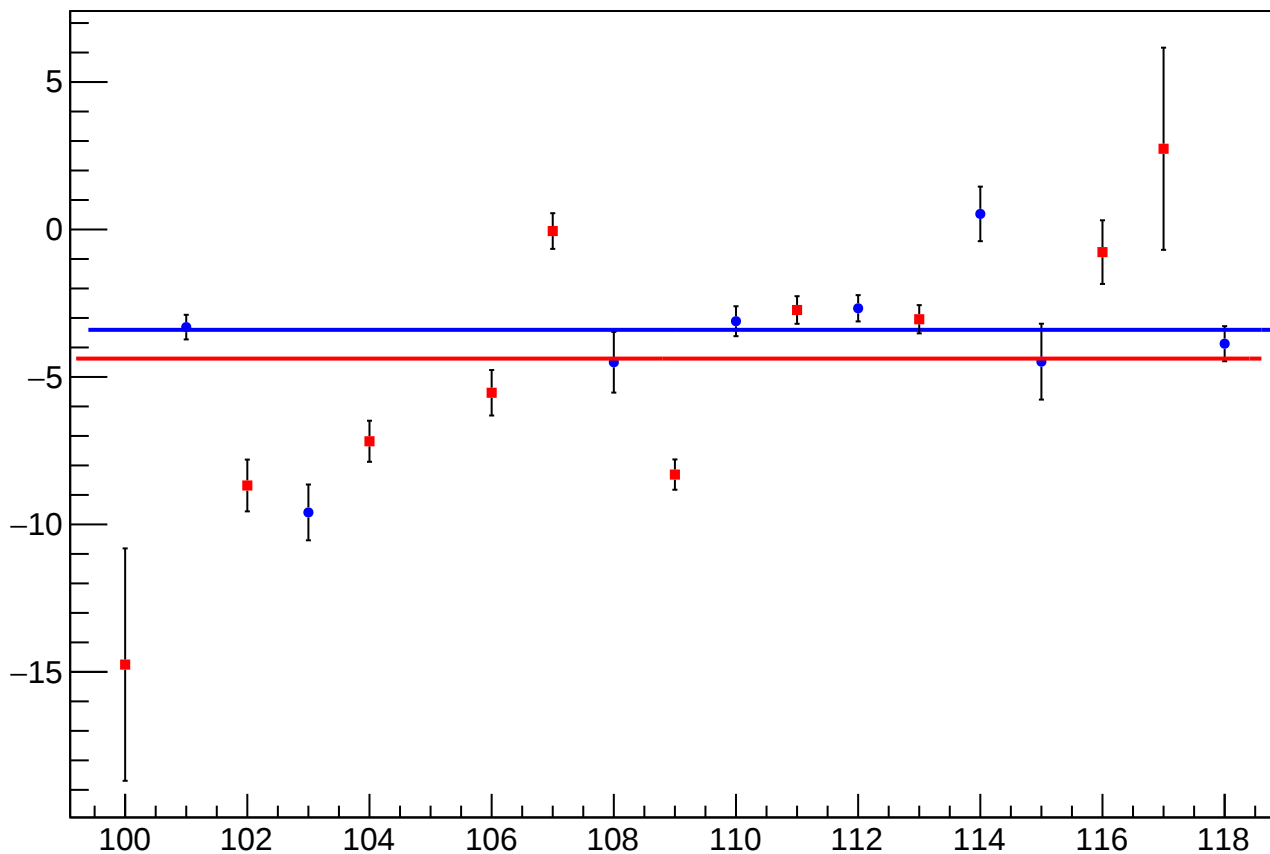
Right Out: -0.716+/-0.272 χ^2/NDF : 694.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.158+/-0.309 χ^2/NDF : 954.0/7

-0.716+/-0.272 χ^2/NDF : 694.7/9

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -3.402 ± 0.217 χ^2/NDF : 66.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

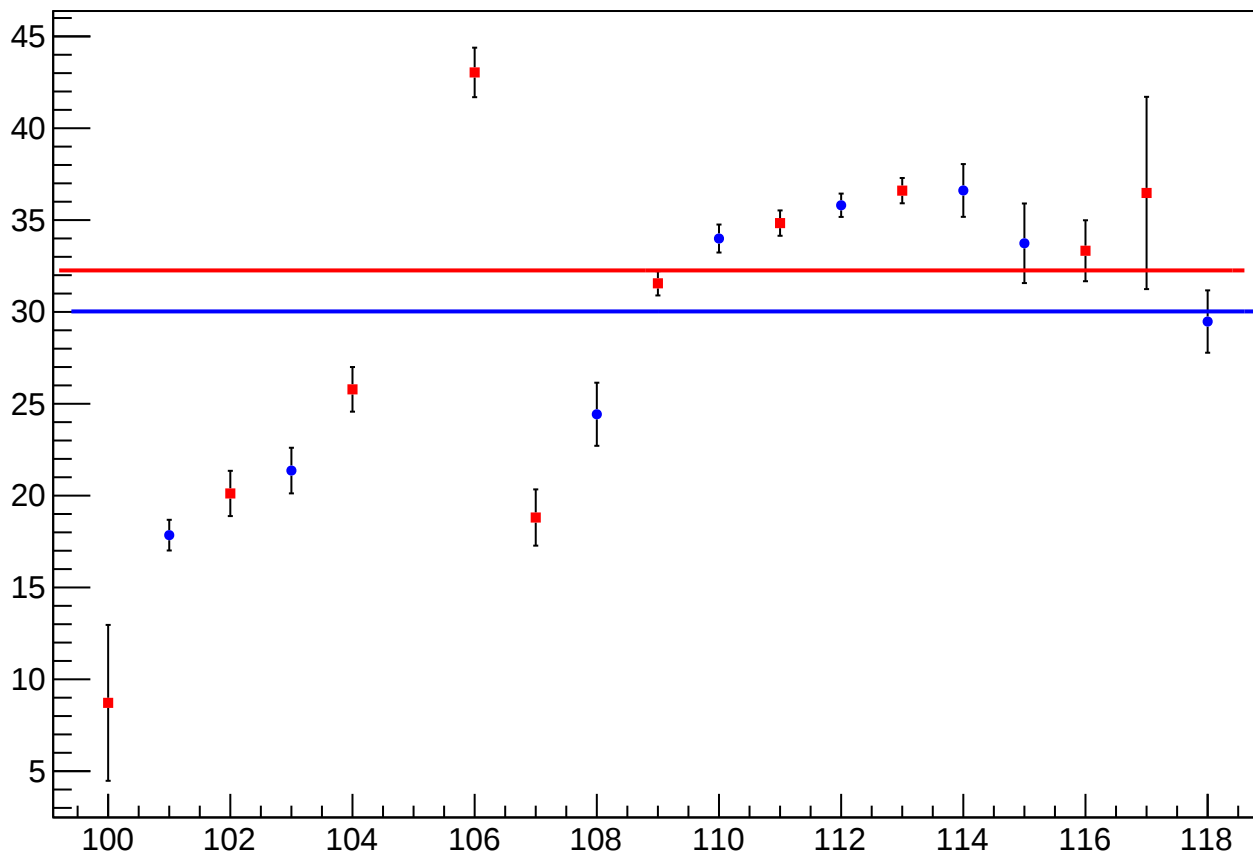
Right Out: -4.377 ± 0.216 χ^2/NDF : 194.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-3.402 ± 0.217 χ^2/NDF : 66.4/7

-4.377 ± 0.216 χ^2/NDF : 194.8/9

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.028 $\pm$ 0.361 χ^2 /NDF: 405.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

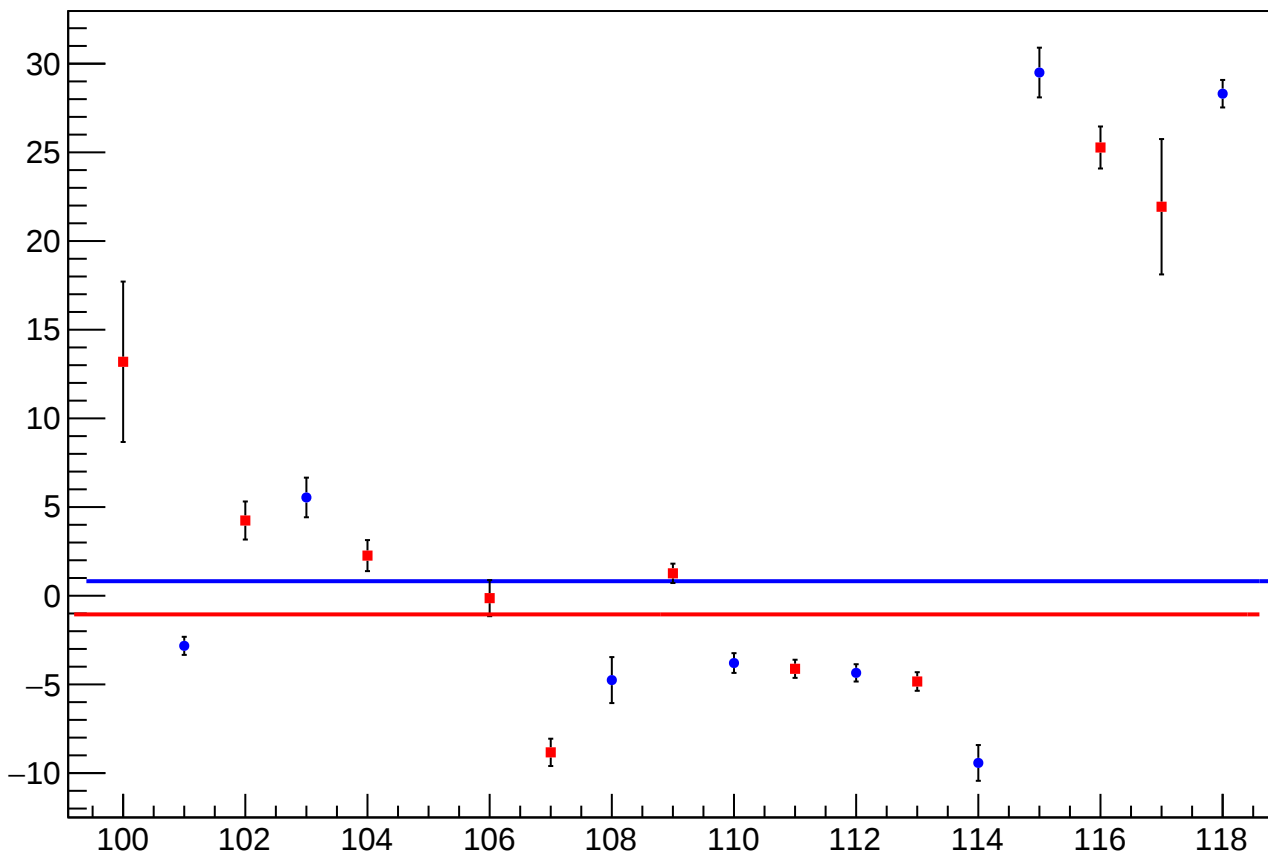
Right Out: 32.260 $\pm$ 0.328 χ^2 /NDF: 353.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

30.028 $\pm$ 0.361 χ^2 /NDF: 405.9/7

32.260 $\pm$ 0.328 χ^2 /NDF: 353.4/9

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 0.820 $\pm$ 0.251 χ^2 /NDF: 2046.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

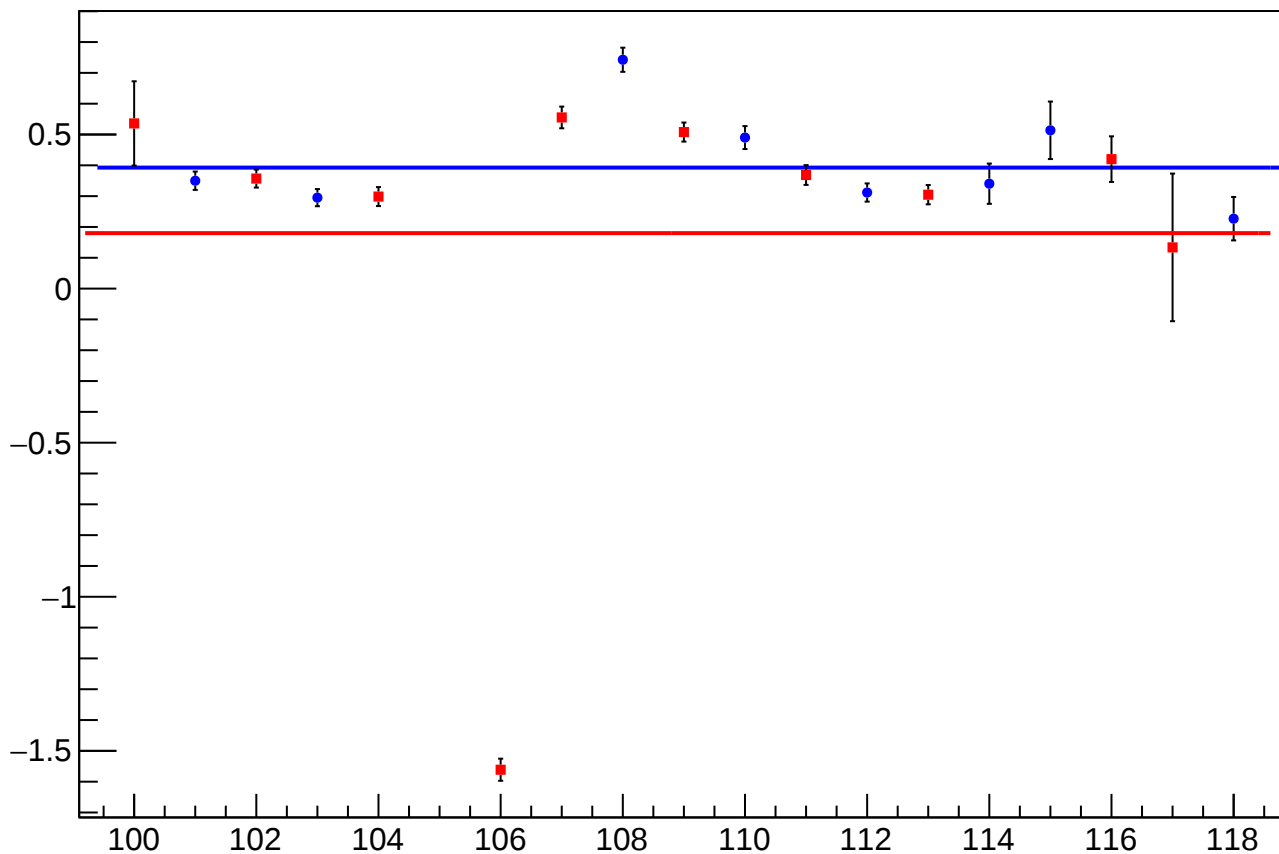
Right Out: -1.052 $\pm$ 0.246 χ^2 /NDF: 787.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.820 $\pm$ 0.251 χ^2 /NDF: 2046.5/7

-1.052 $\pm$ 0.246 χ^2 /NDF: 787.7/9

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.393 $\pm$ 0.013 χ^2 /NDF: 116.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

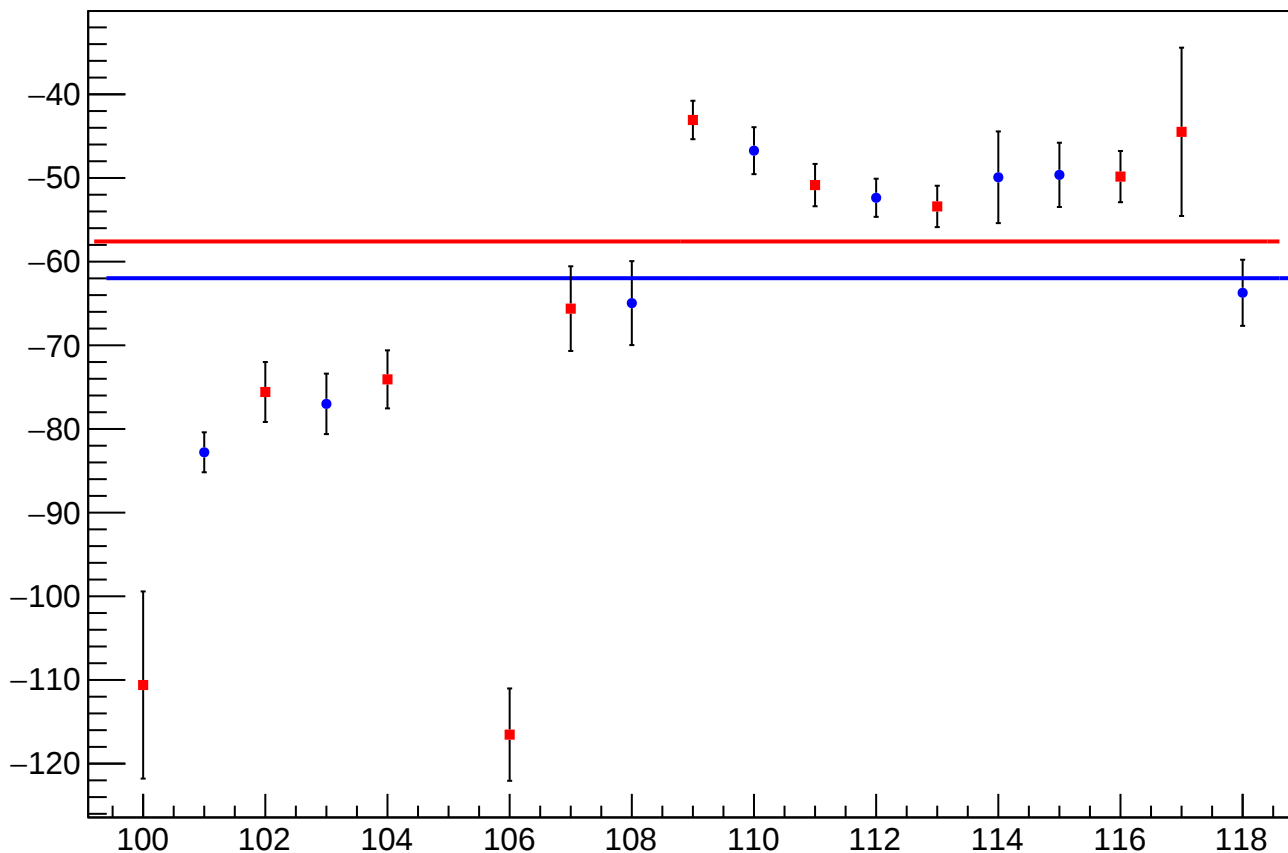
Right Out: 0.180 $\pm$ 0.012 χ^2 /NDF: 2699.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.393 $\pm$ 0.013 χ^2 /NDF: 116.2/7

0.180 $\pm$ 0.012 χ^2 /NDF: 2699.3/9

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug



Right In: -61.979+/-1.135 χ^2/NDF : 156.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

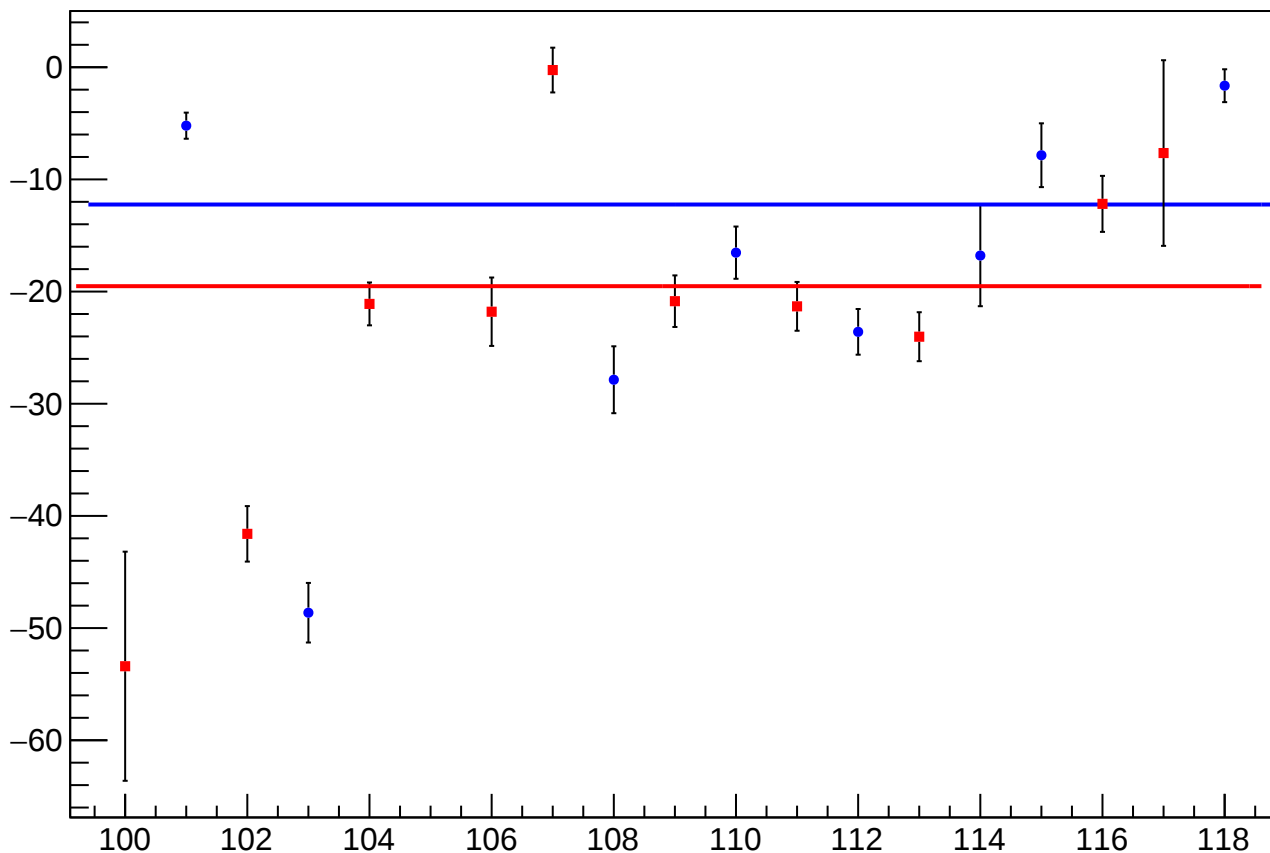
Right Out: -57.586+/-1.074 χ^2/NDF : 244.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-61.979+/-1.135 χ^2/NDF : 156.2/7

-57.586+/-1.074 χ^2/NDF : 244.9/9

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -12.239+/-0.697 χ^2/NDF : 341.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

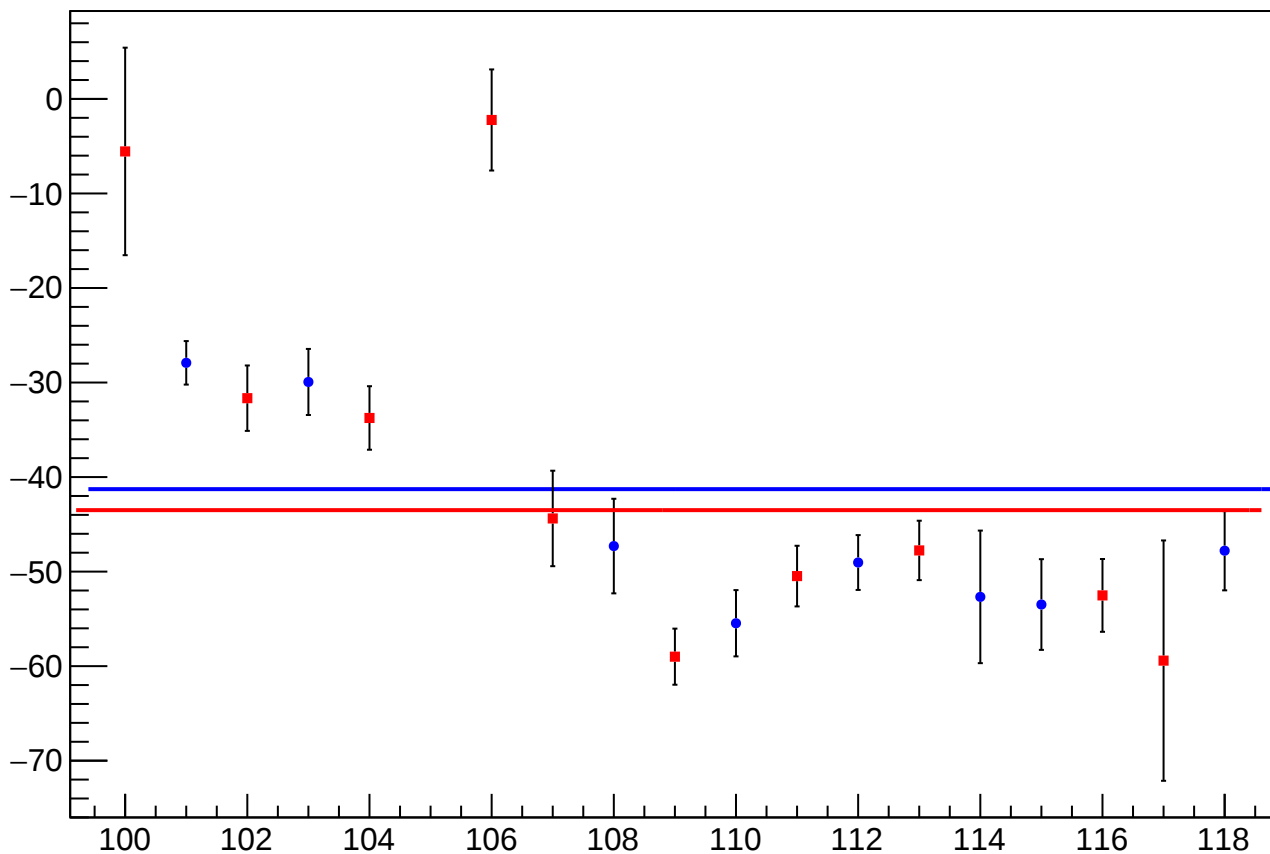
Right Out: -19.519+/-0.793 χ^2/NDF : 201.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.239+/-0.697 χ^2/NDF : 341.6/7

-19.519+/-0.793 χ^2/NDF : 201.1/9

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -41.277+/-1.258 χ^2/NDF : 80.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

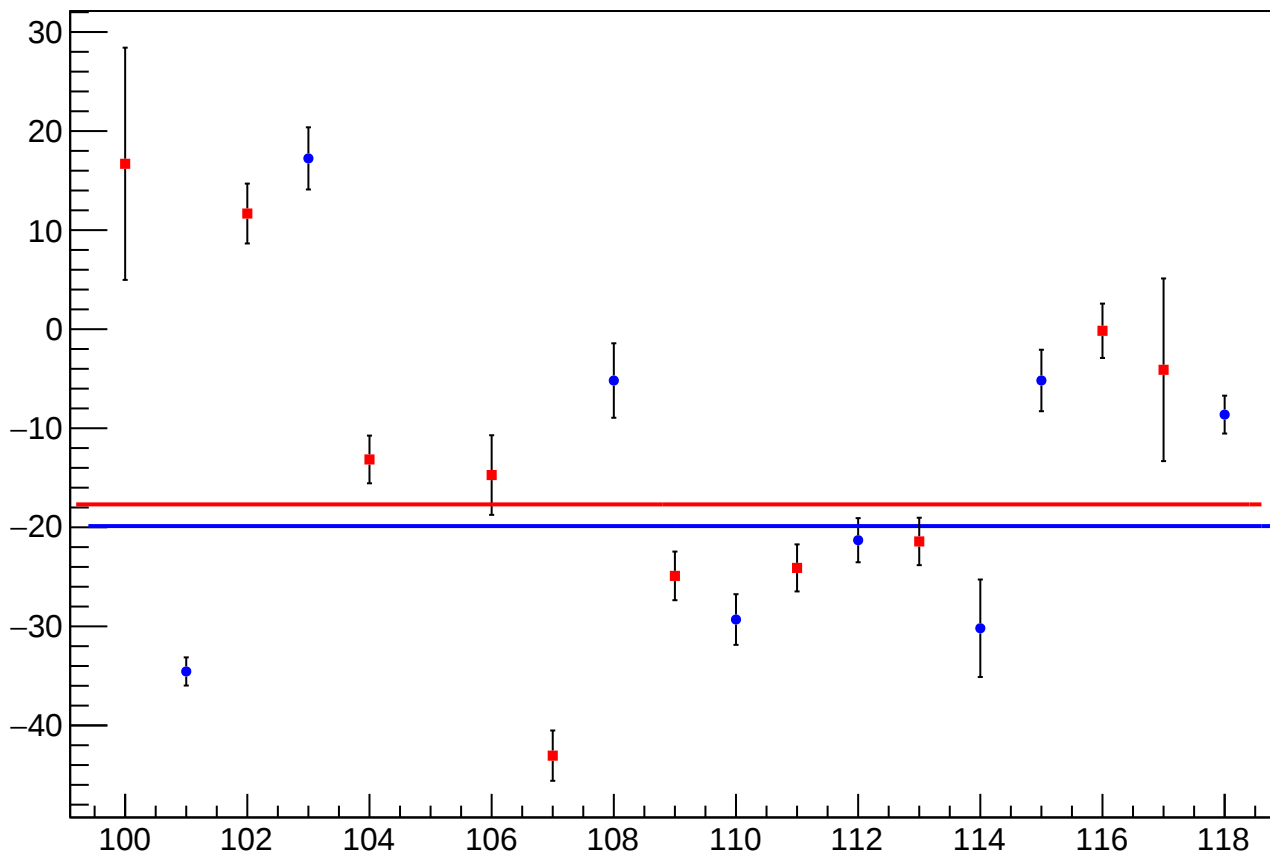
Right Out: -43.498+/-1.250 χ^2/NDF : 132.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-41.277+/-1.258 χ^2/NDF : 80.7/7

-43.498+/-1.250 χ^2/NDF : 132.6/9

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -19.877 ± 0.833 $\chi^2/\text{NDF}: 337.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

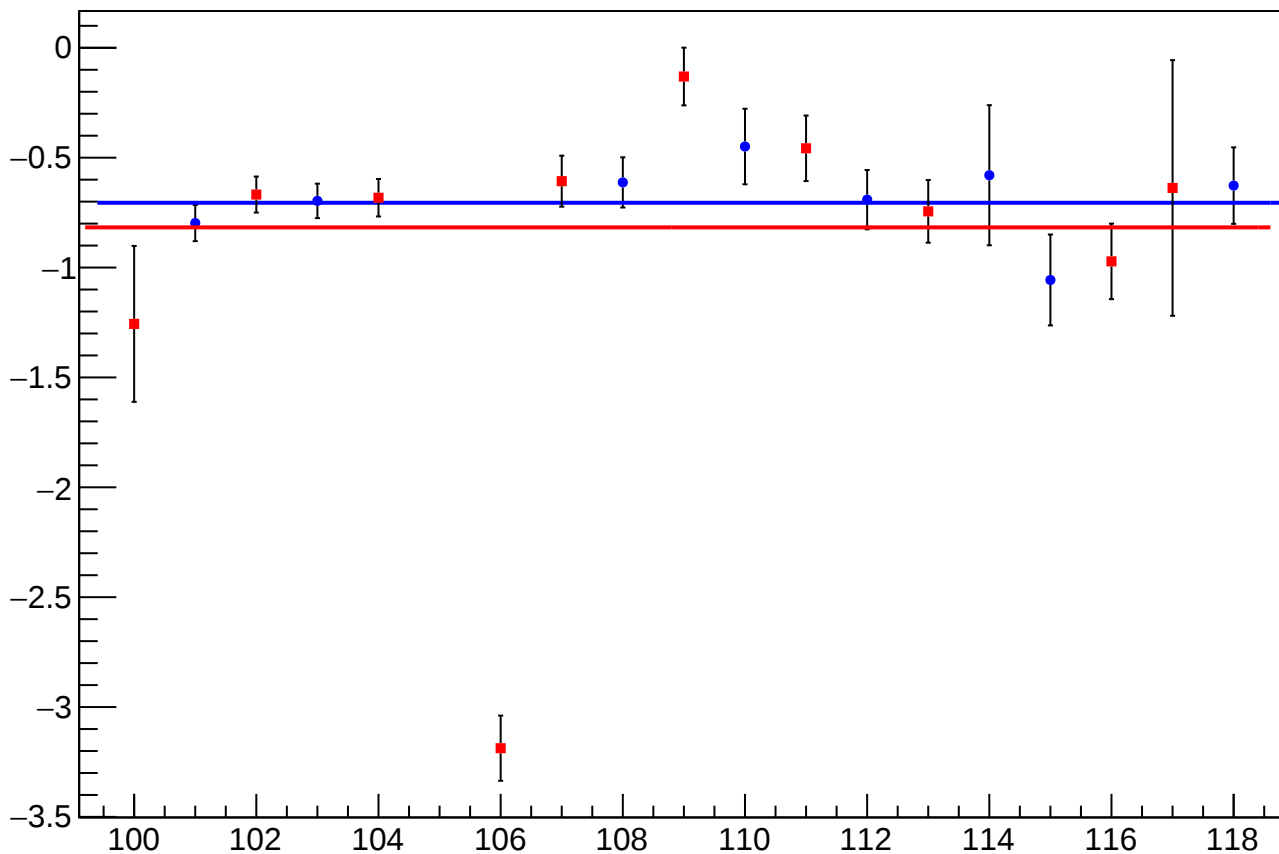
Right Out: -17.686 ± 0.925 $\chi^2/\text{NDF}: 268.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-19.877 ± 0.833 $\chi^2/\text{NDF}: 337.3/7$

-17.686 ± 0.925 $\chi^2/\text{NDF}: 268.3/9$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.705+/-0.043 χ^2/NDF : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

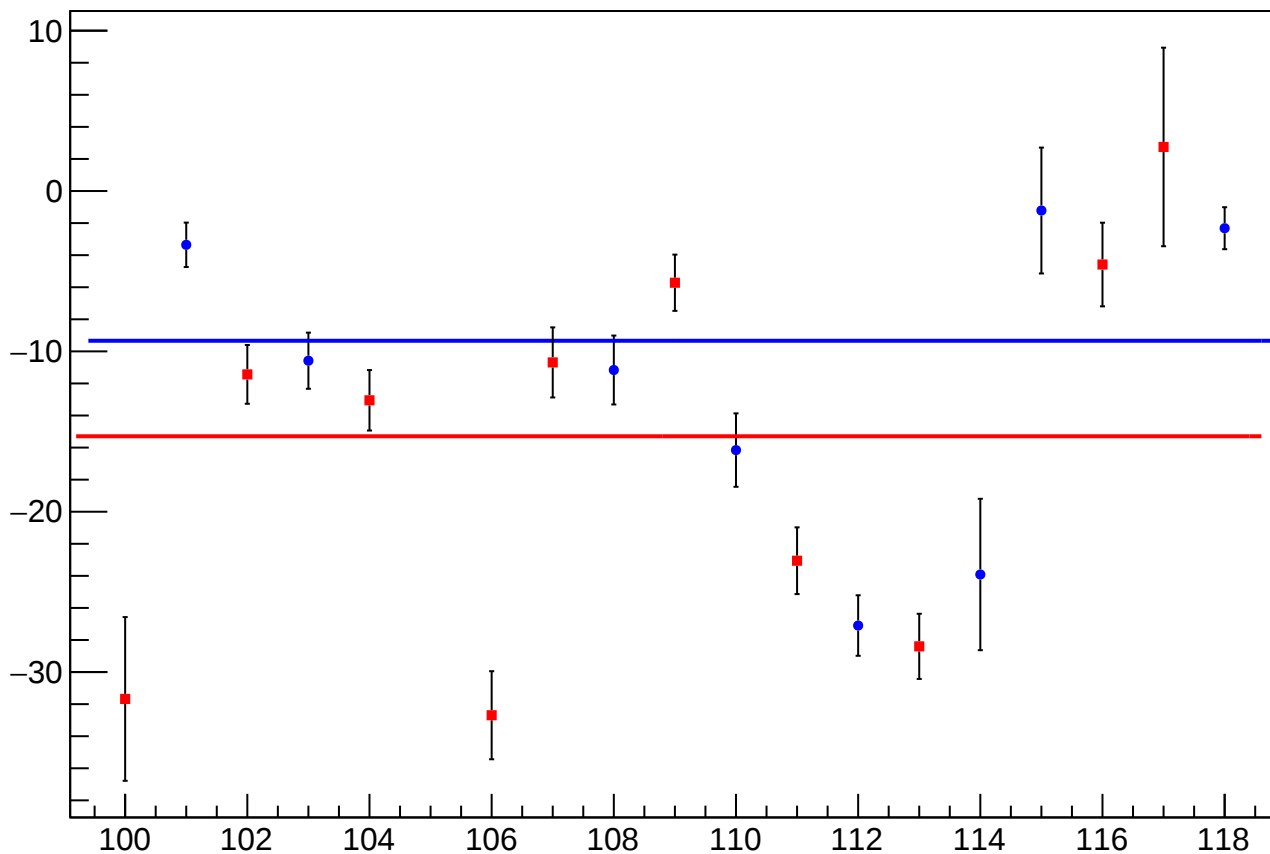
Right Out: -0.817+/-0.041 χ^2/NDF : 300.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.705+/-0.043 χ^2/NDF : 7.4/7

-0.817+/-0.041 χ^2/NDF : 300.3/9

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug



Right In: -9.338+/-0.670 χ^2/NDF : 159.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

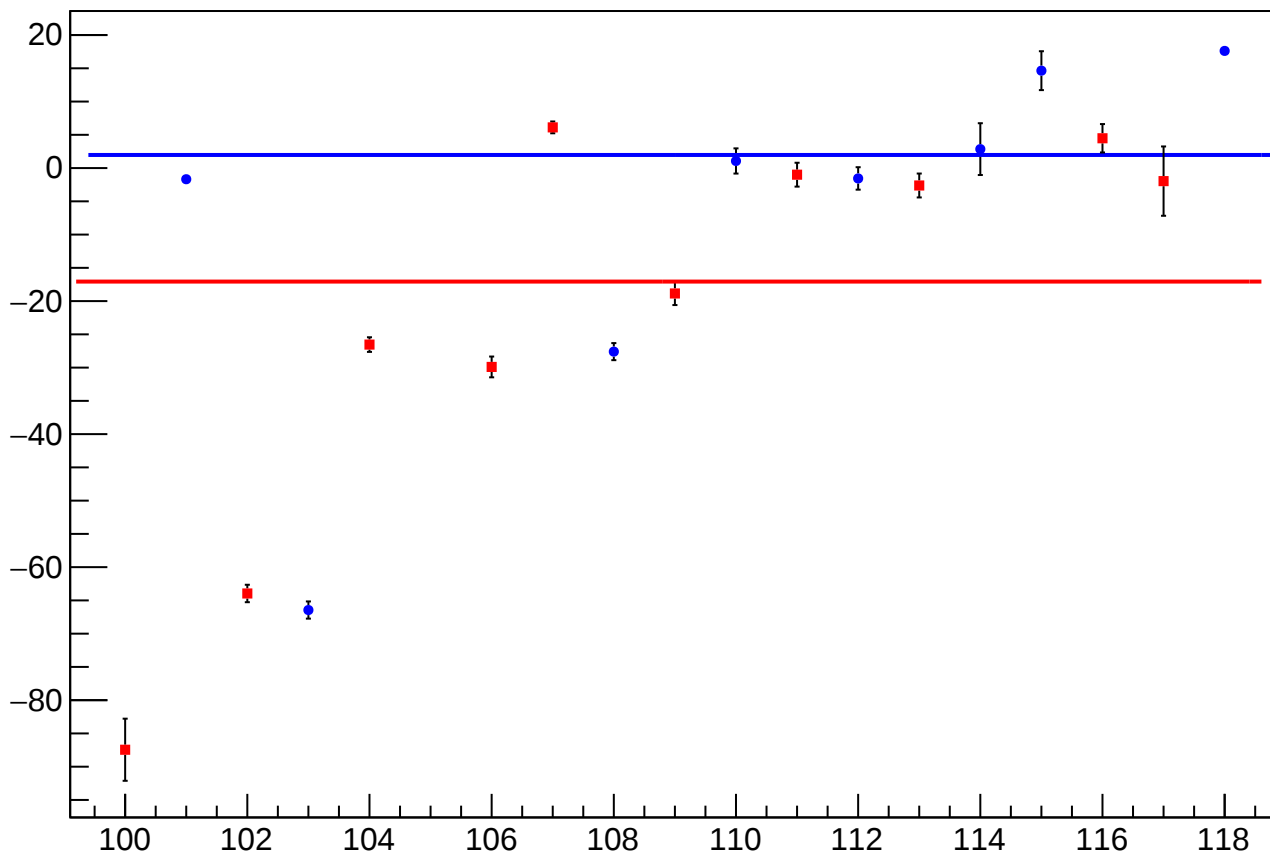
Right Out: -15.294+/-0.720 χ^2/NDF : 171.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.338+/-0.670 χ^2/NDF : 159.9/7

-15.294+/-0.720 χ^2/NDF : 171.4/9

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 1.971+/-0.346 χ^2/NDF : 4421.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

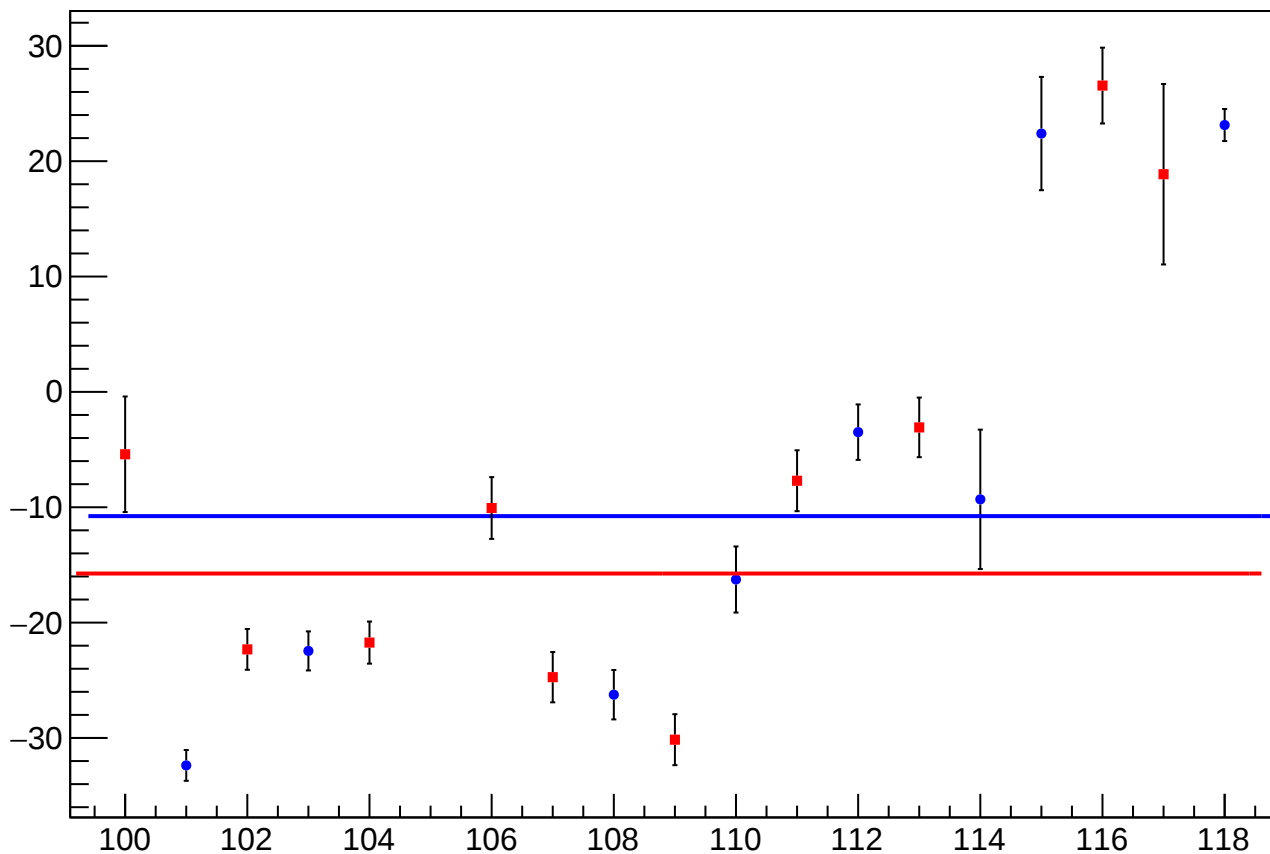
Right Out: -17.065+/-0.480 χ^2/NDF : 2586.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.971+/-0.346 χ^2/NDF : 4421.2/7

-17.065+/-0.480 χ^2/NDF : 2586.7/9

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -10.769+/-0.705 χ^2/NDF : 1016.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

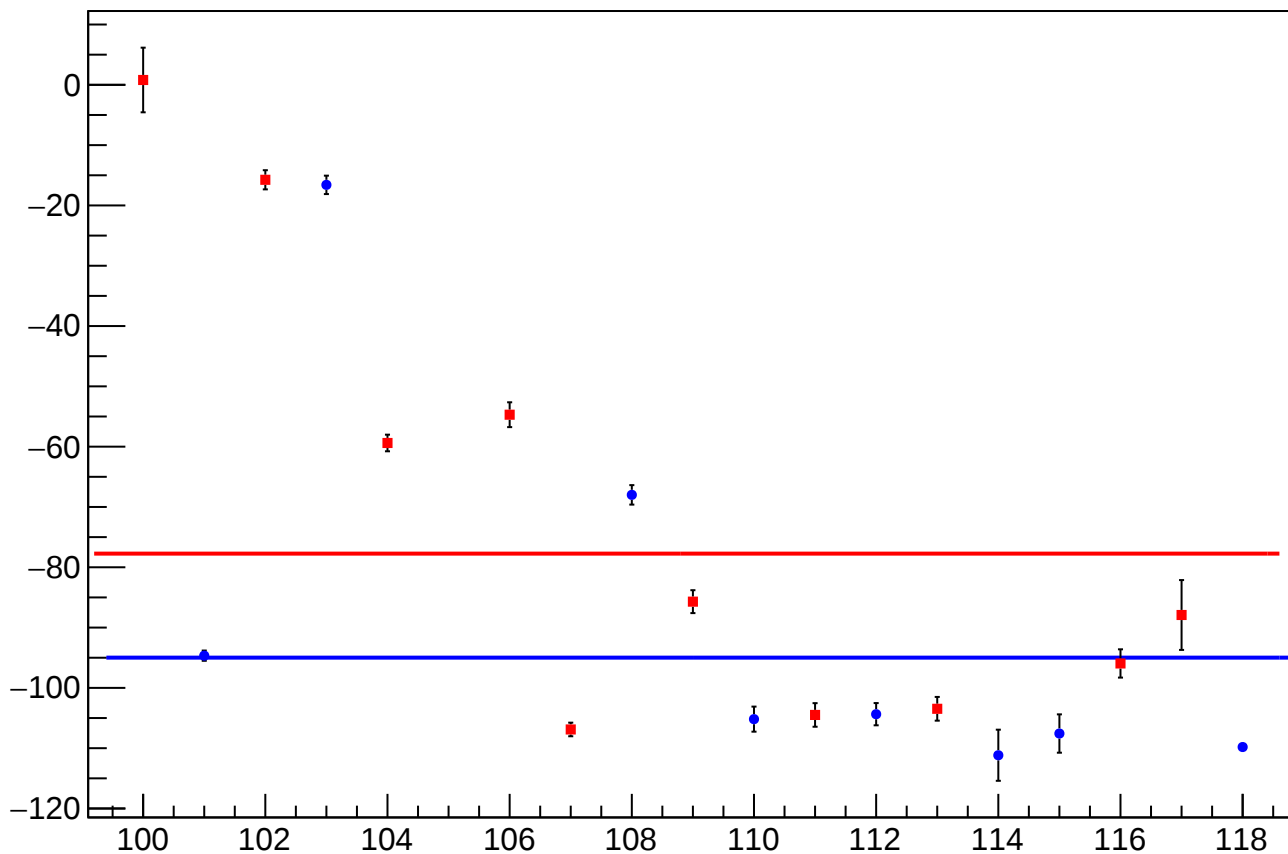
Right Out: -15.744+/-0.787 χ^2/NDF : 311.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.769+/-0.705 χ^2/NDF : 1016.1/7

-15.744+/-0.787 χ^2/NDF : 311.4/9

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -94.984 $\pm$ 0.431 χ^2 /NDF: 3546.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

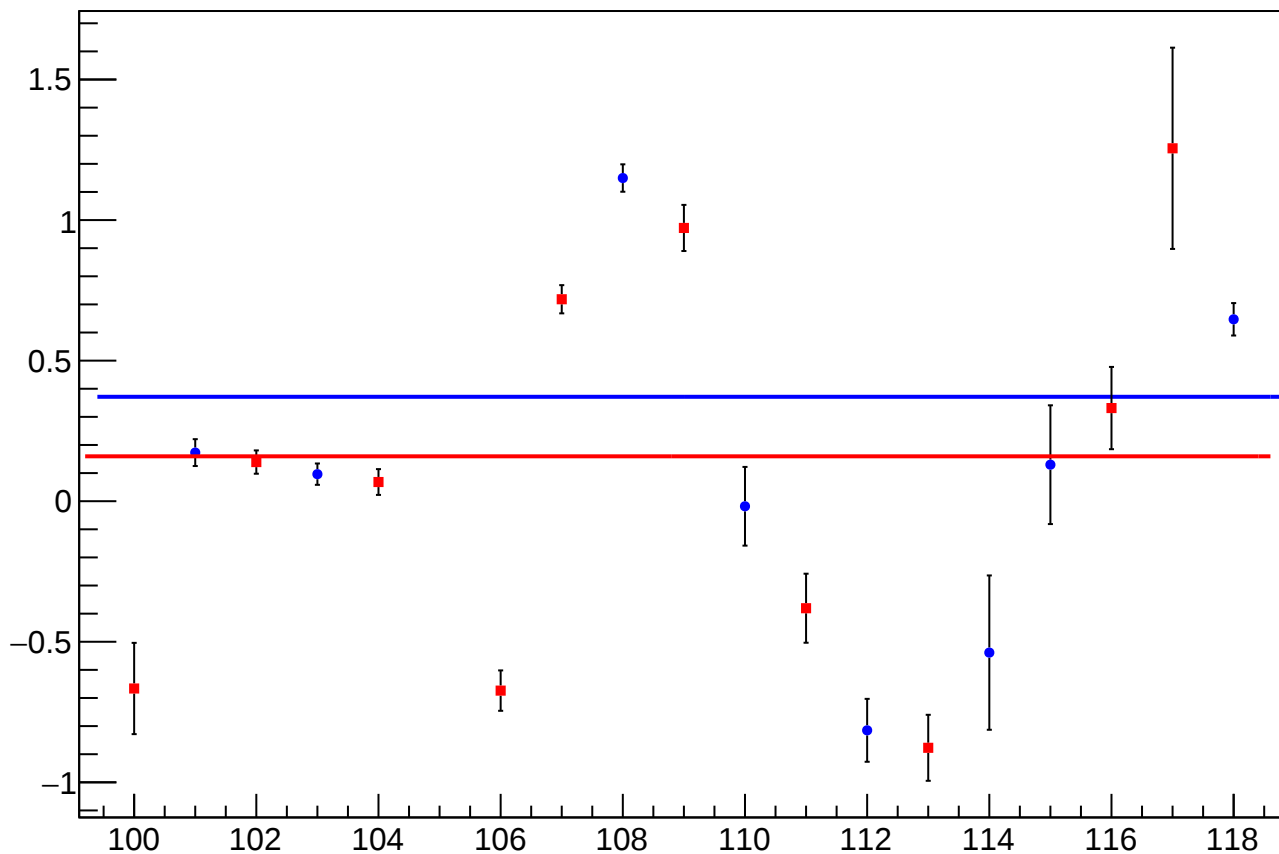
Right Out: -77.736 $\pm$ 0.578 χ^2 /NDF: 3148.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

-94.984 $\pm$ 0.431 χ^2 /NDF: 3546.0/7

-77.736 $\pm$ 0.578 χ^2 /NDF: 3148.5/9

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.371 ± 0.022 χ^2/NDF : 479.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

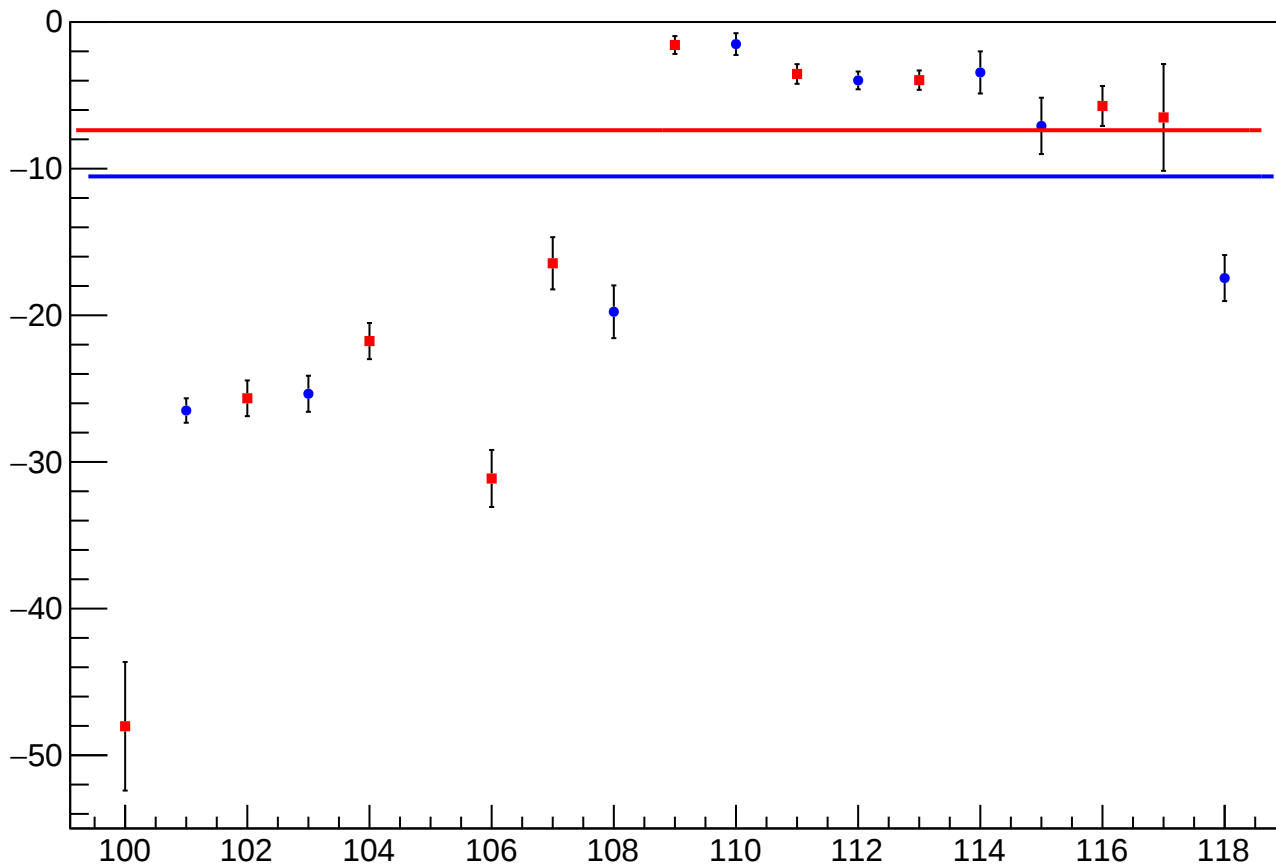
Right Out: 0.160 ± 0.022 χ^2/NDF : 494.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

0.371 ± 0.022 χ^2/NDF : 479.8/7

0.160 ± 0.022 χ^2/NDF : 494.9/9

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug



Right In: -10.529+/-0.351 χ^2/NDF : 849.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

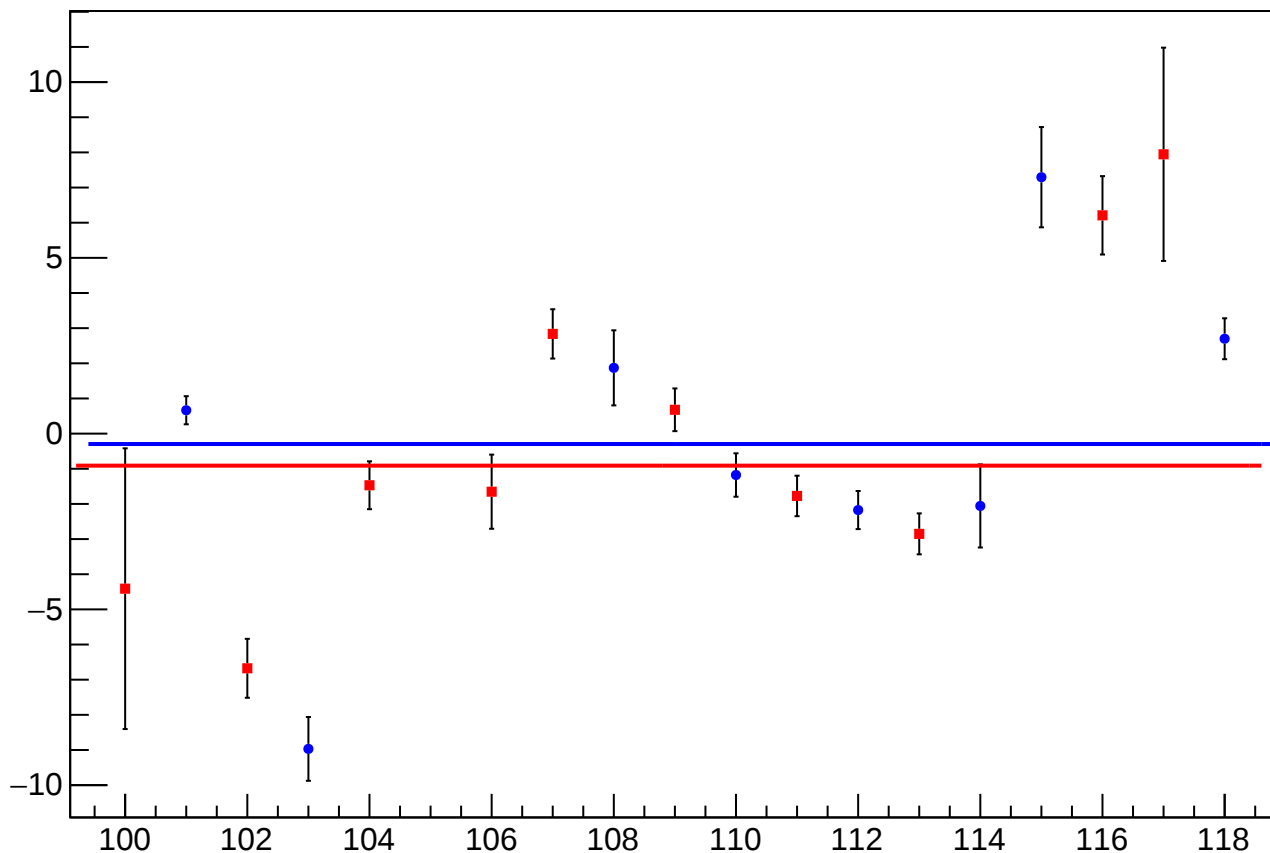
Right Out: -7.379+/-0.319 χ^2/NDF : 774.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.529+/-0.351 χ^2/NDF : 849.5/7

-7.379+/-0.319 χ^2/NDF : 774.8/9

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -0.296+/-0.232 χ^2/NDF : 172.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

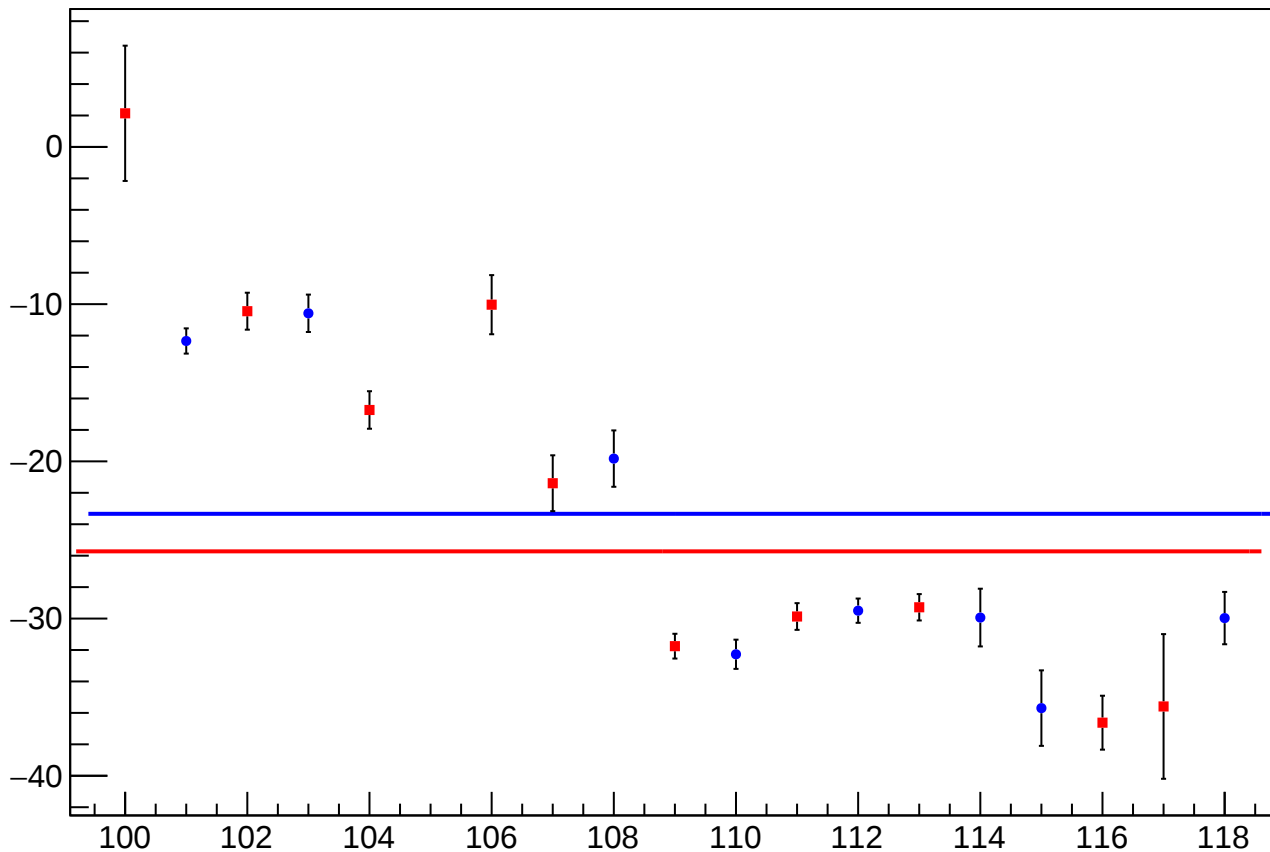
Right Out: -0.911+/-0.249 χ^2/NDF : 147.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.296+/-0.232 χ^2/NDF : 172.3/7

-0.911+/-0.249 χ^2/NDF : 147.3/9

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -23.337 $\pm$ 0.400 χ^2 /NDF: 517.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

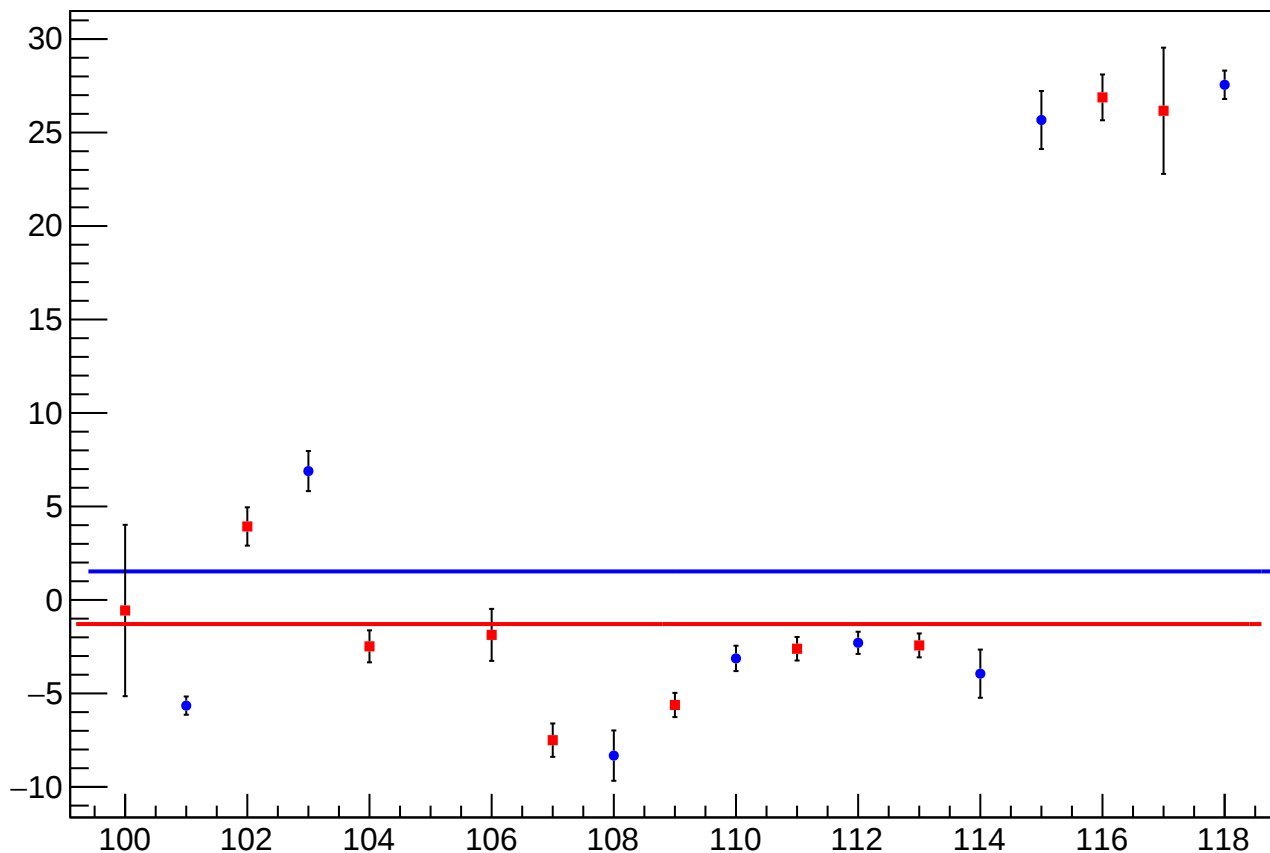
Right Out: -25.725 $\pm$ 0.381 χ^2 /NDF: 488.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-23.337 $\pm$ 0.400 χ^2 /NDF: 517.8/7

-25.725 $\pm$ 0.381 χ^2 /NDF: 488.5/9

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 1.526+/-0.273 χ^2/NDF : 1819.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

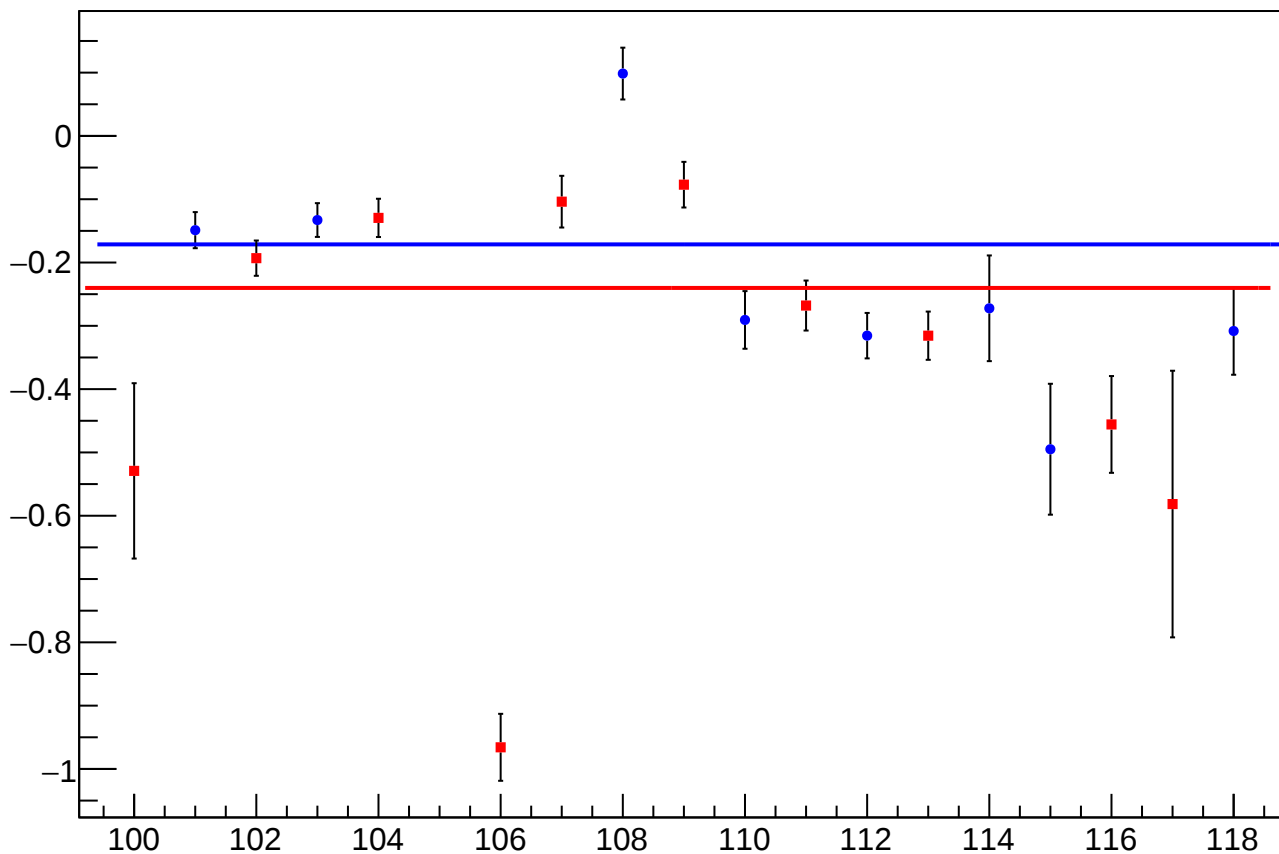
Right Out: -1.289+/-0.286 χ^2/NDF : 724.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.526+/-0.273 χ^2/NDF : 1819.4/7

-1.289+/-0.286 χ^2/NDF : 724.0/9

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.171+/-0.014 χ^2/NDF : 84.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

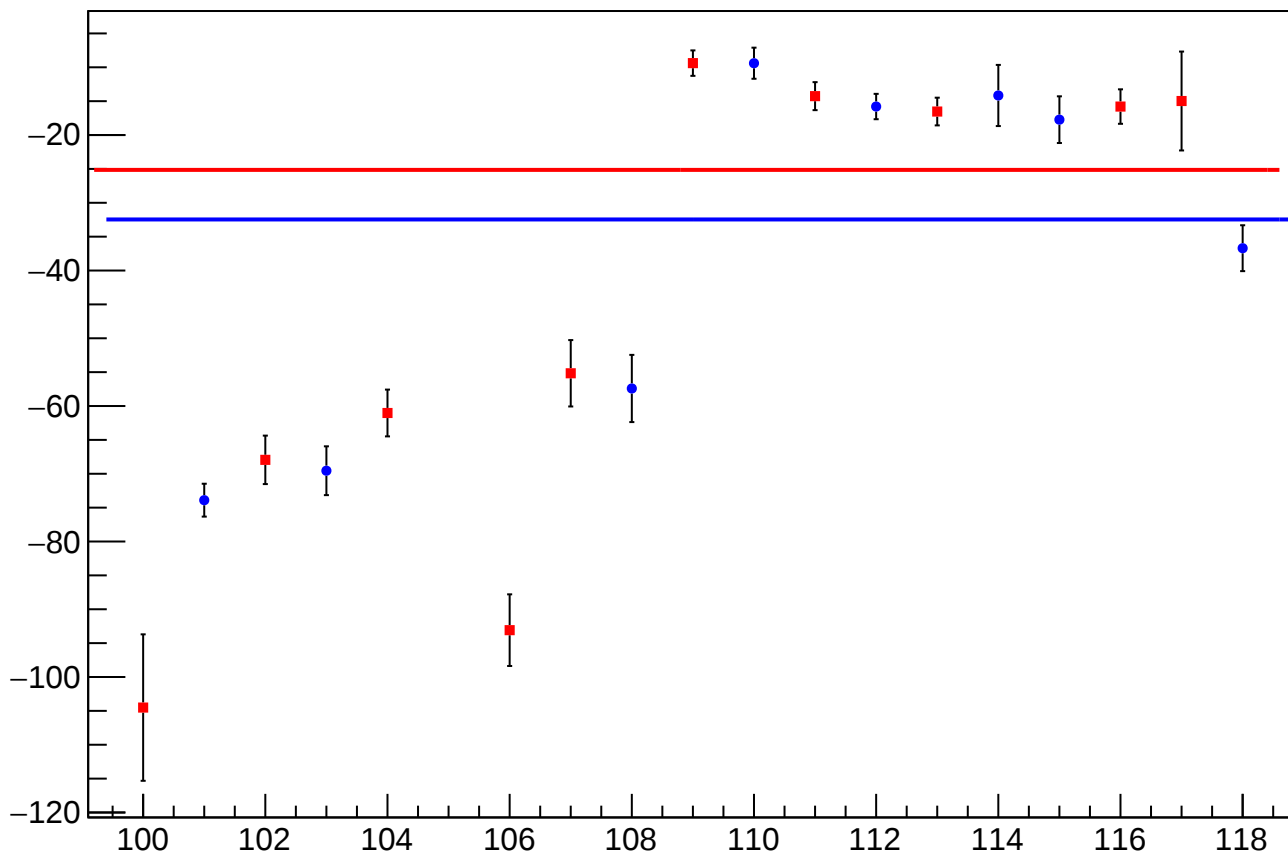
Right Out: -0.240+/-0.013 χ^2/NDF : 255.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.171+/-0.014 χ^2/NDF : 84.3/7

-0.240+/-0.013 χ^2/NDF : 255.4/9

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug



Right In: -32.461+/-1.008 χ^2/NDF : 639.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

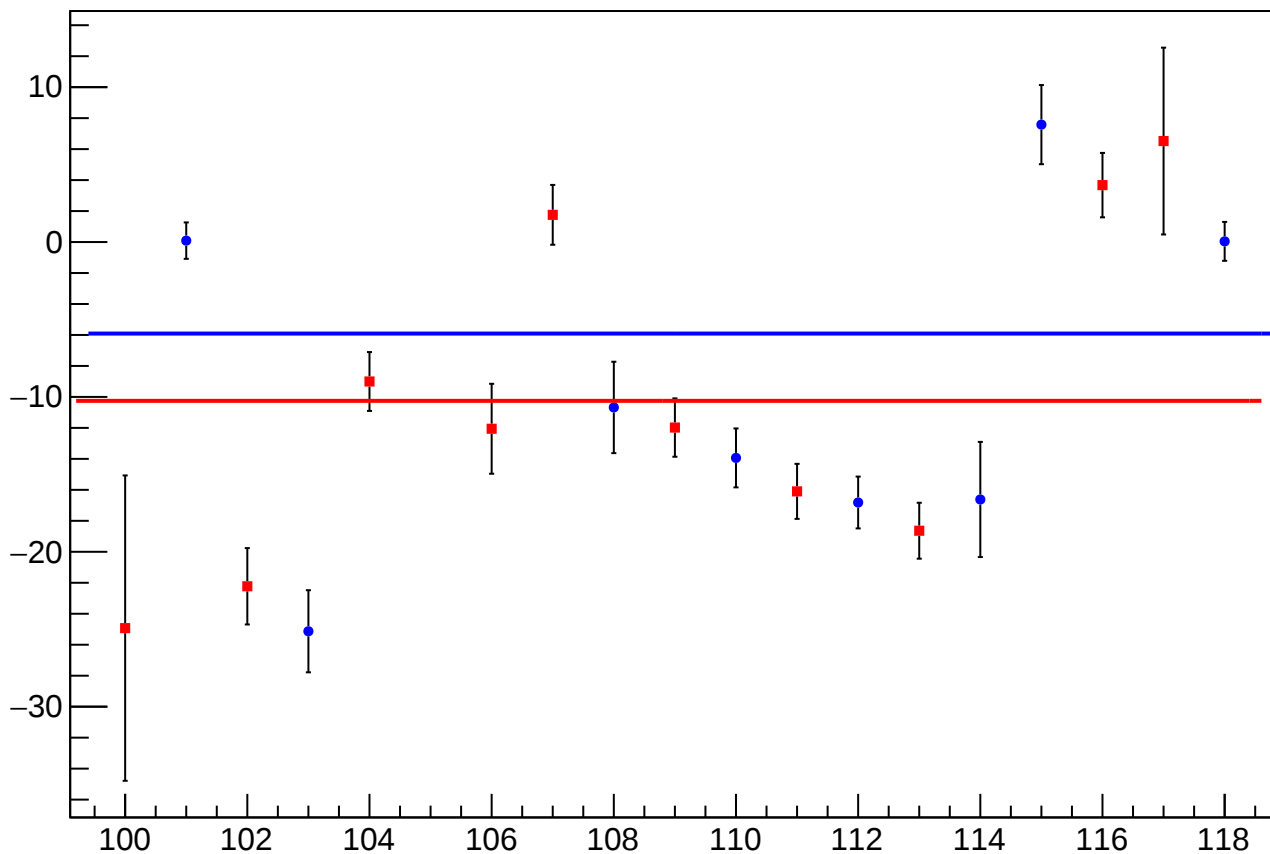
Right Out: -25.144+/-0.921 χ^2/NDF : 638.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.461+/-1.008 χ^2/NDF : 639.5/7

-25.144+/-0.921 χ^2/NDF : 638.9/9

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -5.909+/-0.636 χ^2/NDF : 200.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

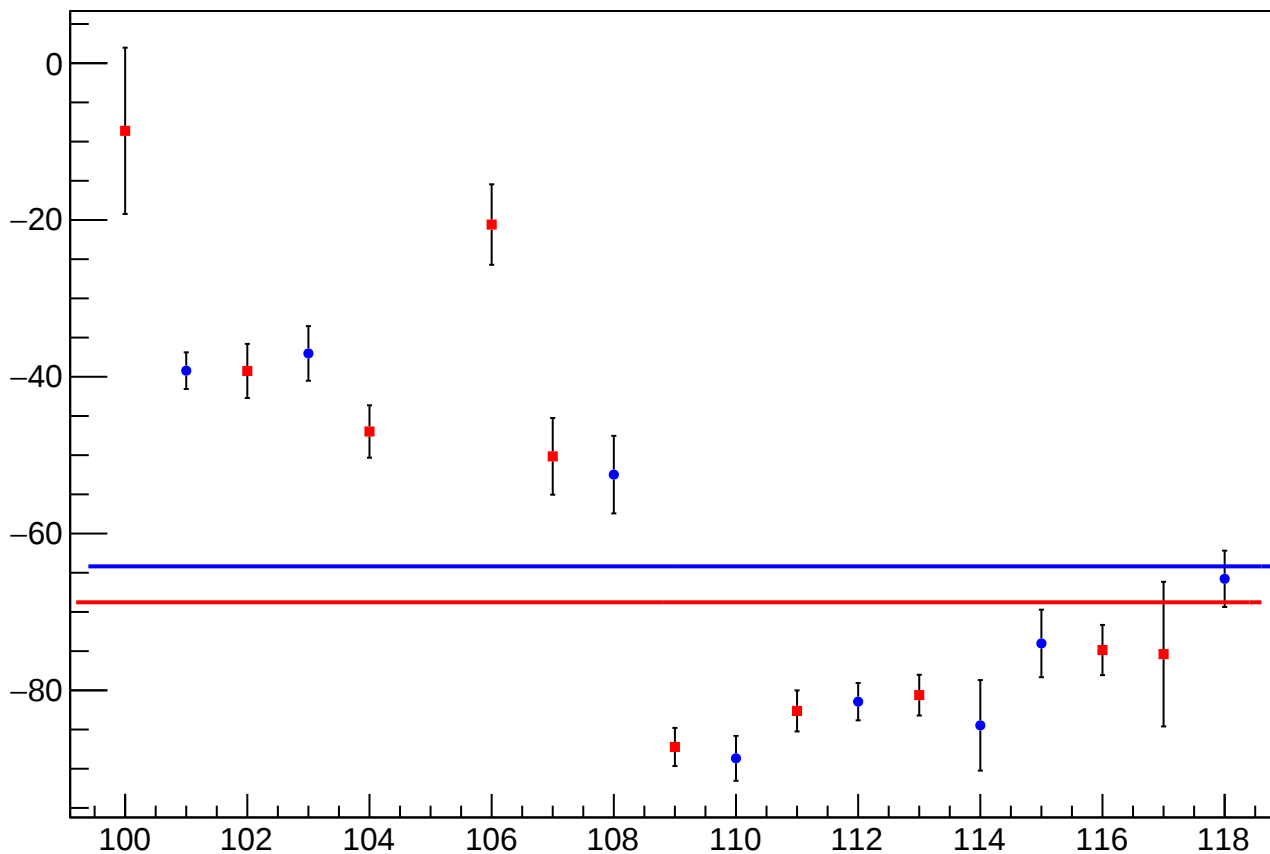
Right Out: -10.253+/-0.707 χ^2/NDF : 151.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.909+/-0.636 χ^2/NDF : 200.2/7

-10.253+/-0.707 χ^2/NDF : 151.1/9

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -64.185+/-1.143 χ^2/NDF : 323.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

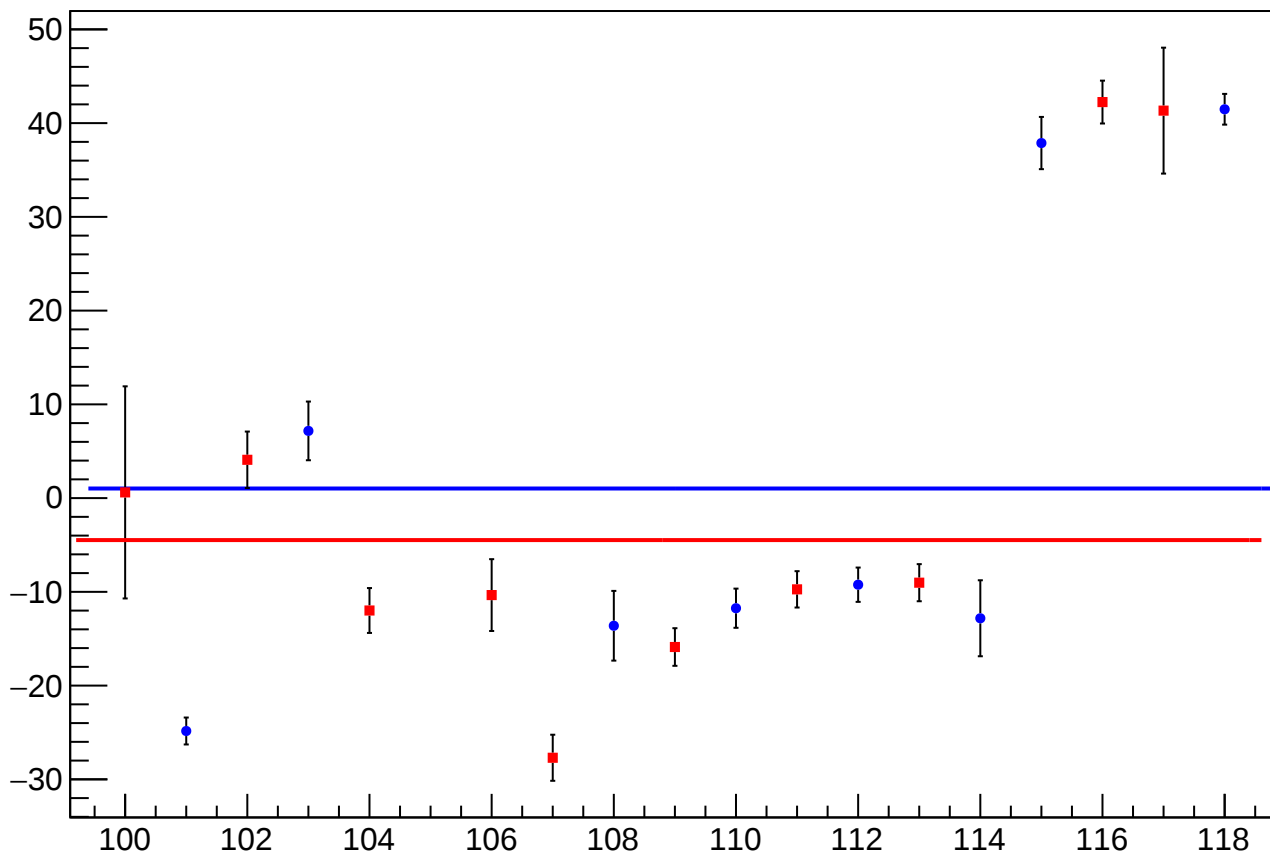
Right Out: -68.770+/-1.095 χ^2/NDF : 360.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.185+/-1.143 χ^2/NDF : 323.6/7

-68.770+/-1.095 χ^2/NDF : 360.7/9

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 1.024+/-0.756 χ^2/NDF : 1208.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

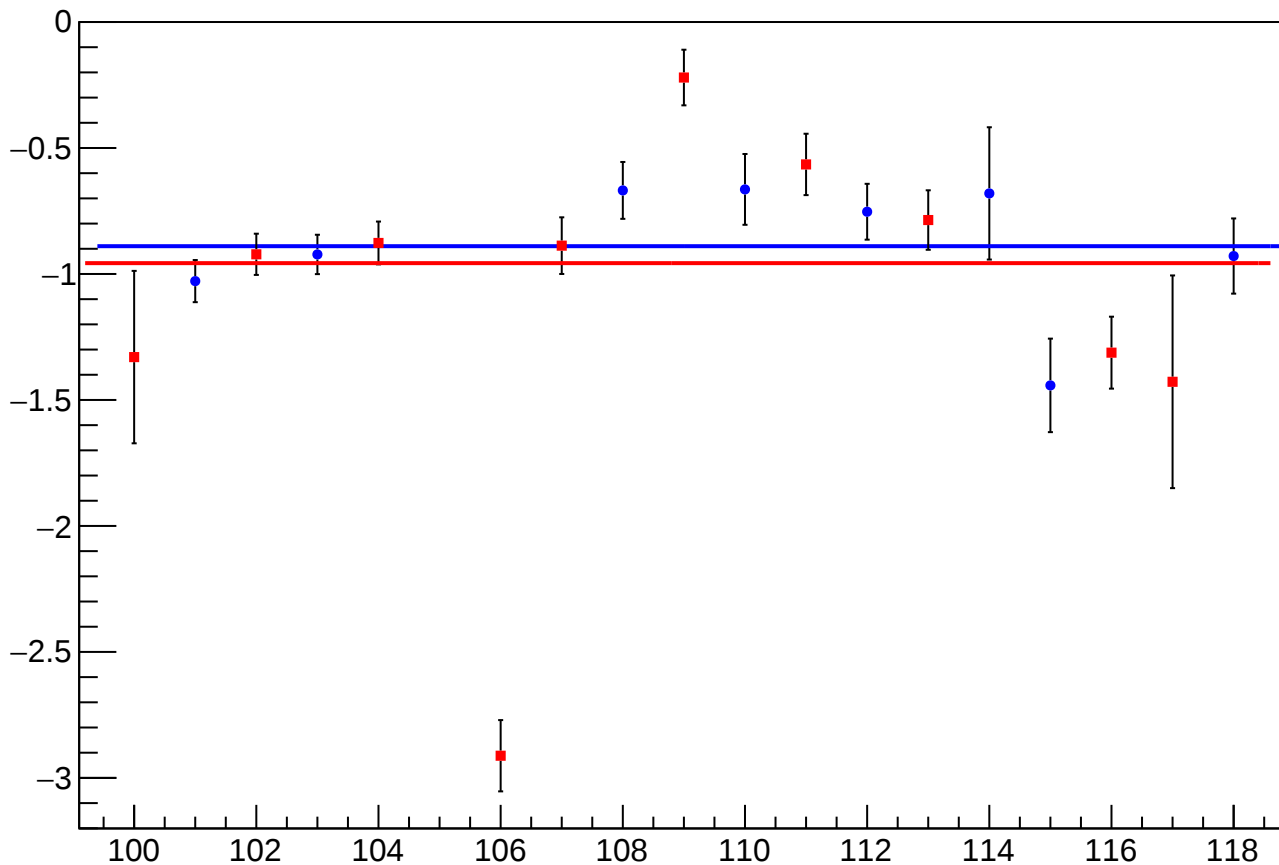
Right Out: -4.478+/-0.814 χ^2/NDF : 619.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.024+/-0.756 χ^2/NDF : 1208.3/7

-4.478+/-0.814 χ^2/NDF : 619.2/9

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.890+/-0.041 χ^2/NDF : 20.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

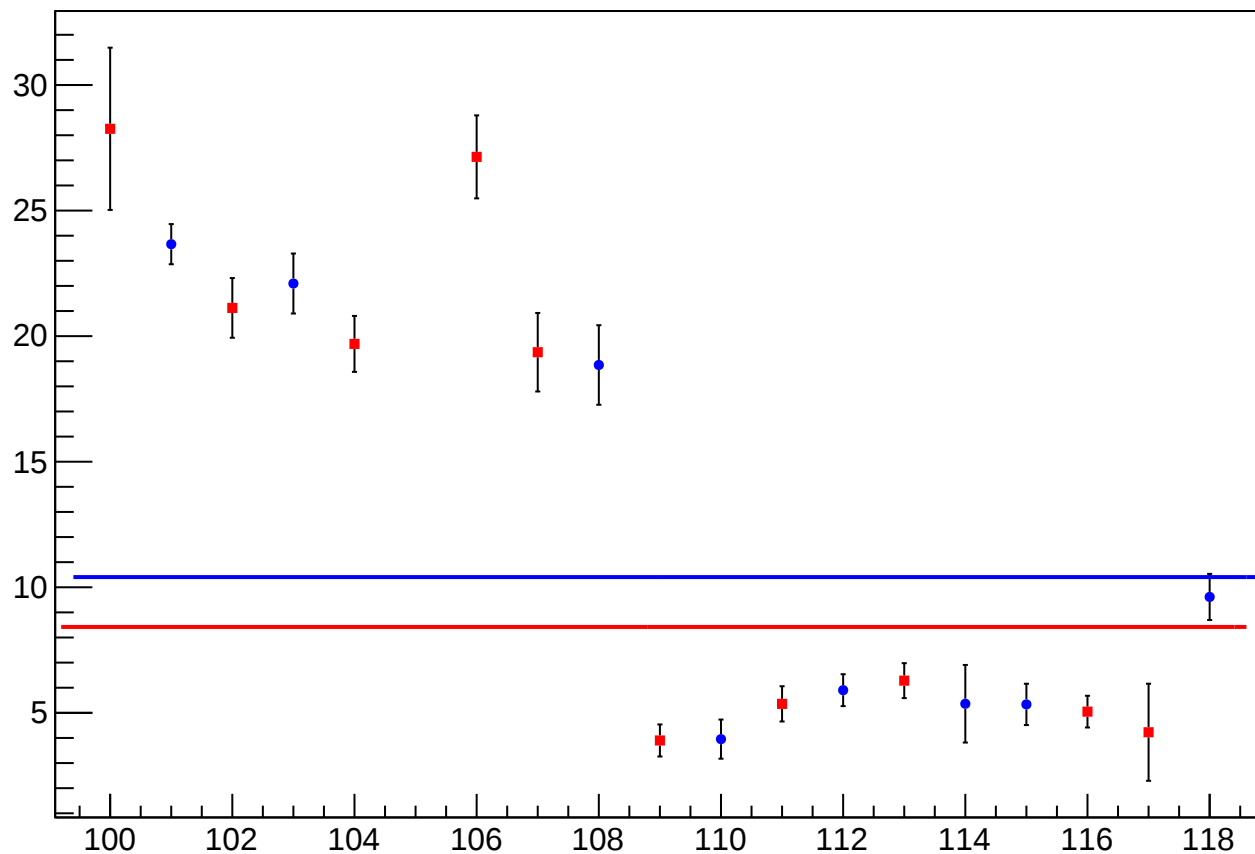
Right Out: -0.957+/-0.038 χ^2/NDF : 258.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.890+/-0.041 χ^2/NDF : 20.4/7

-0.957+/-0.038 χ^2/NDF : 258.1/9

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug



Right In: 10.406+/-0.318 χ^2/NDF : 567.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

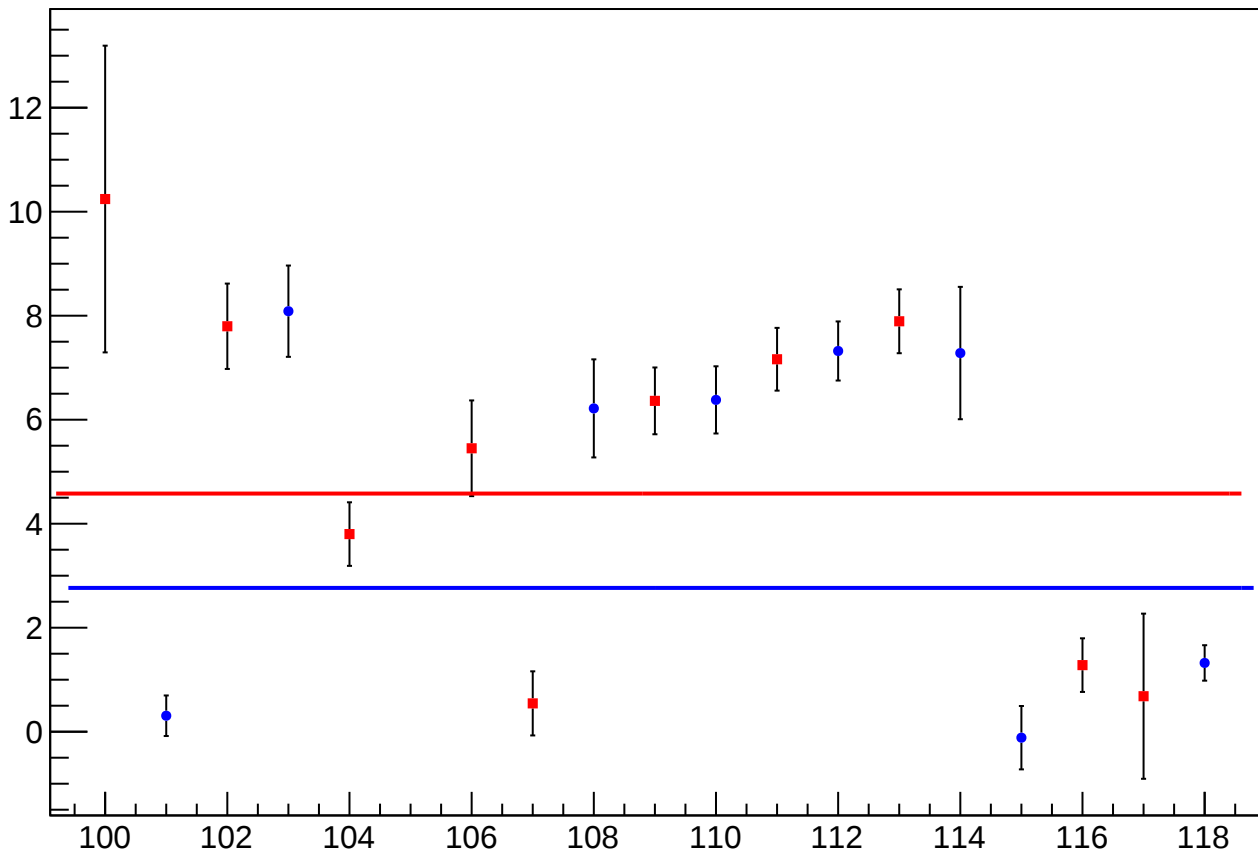
Right Out: 8.420+/-0.292 χ^2/NDF : 543.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.406+/-0.318 χ^2/NDF : 567.3/7

8.420+/-0.292 χ^2/NDF : 543.4/9

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 2.765 $\pm$ 0.195 χ^2 /NDF: 238.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

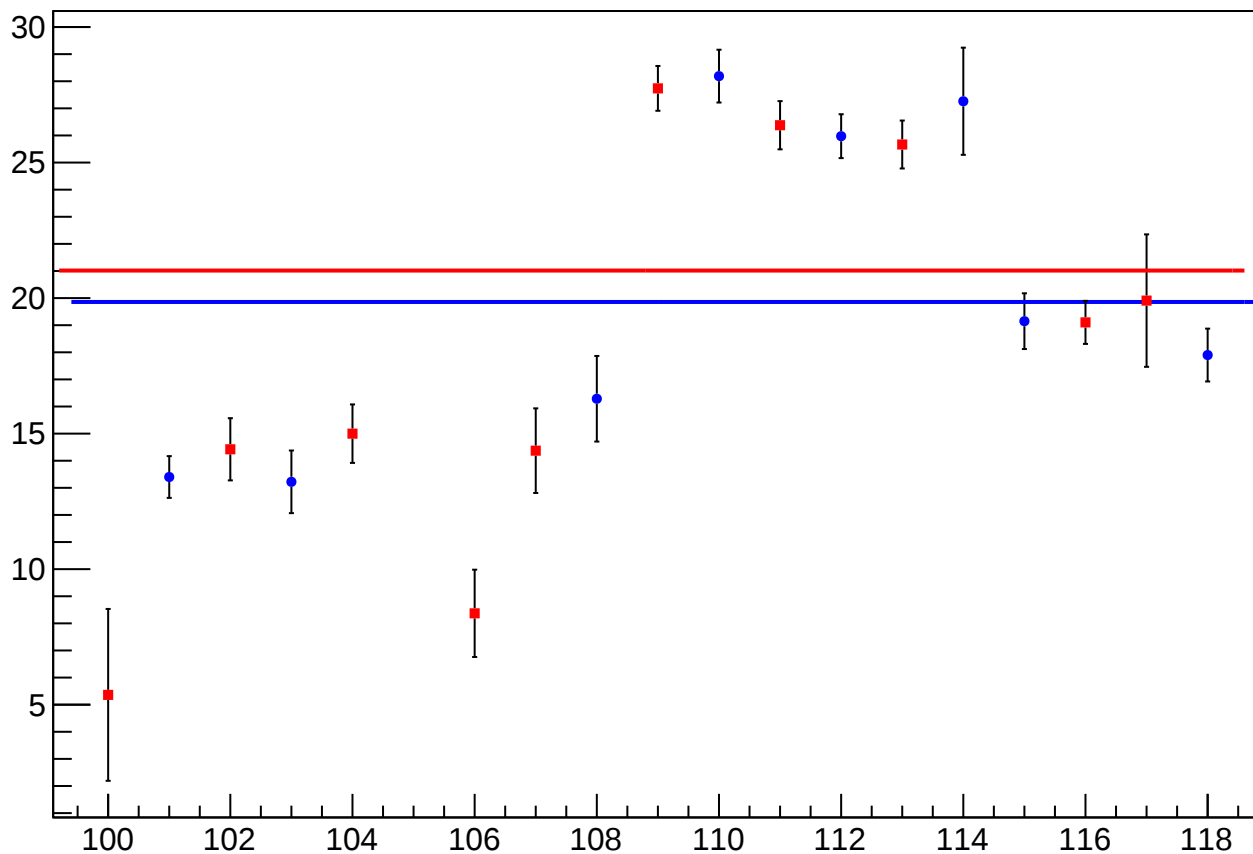
Right Out: 4.580 $\pm$ 0.223 χ^2 /NDF: 166.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.765 $\pm$ 0.195 χ^2 /NDF: 238.3/7

4.580 $\pm$ 0.223 χ^2 /NDF: 166.5/9

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 19.857+/-0.361 χ^2 /NDF: 257.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

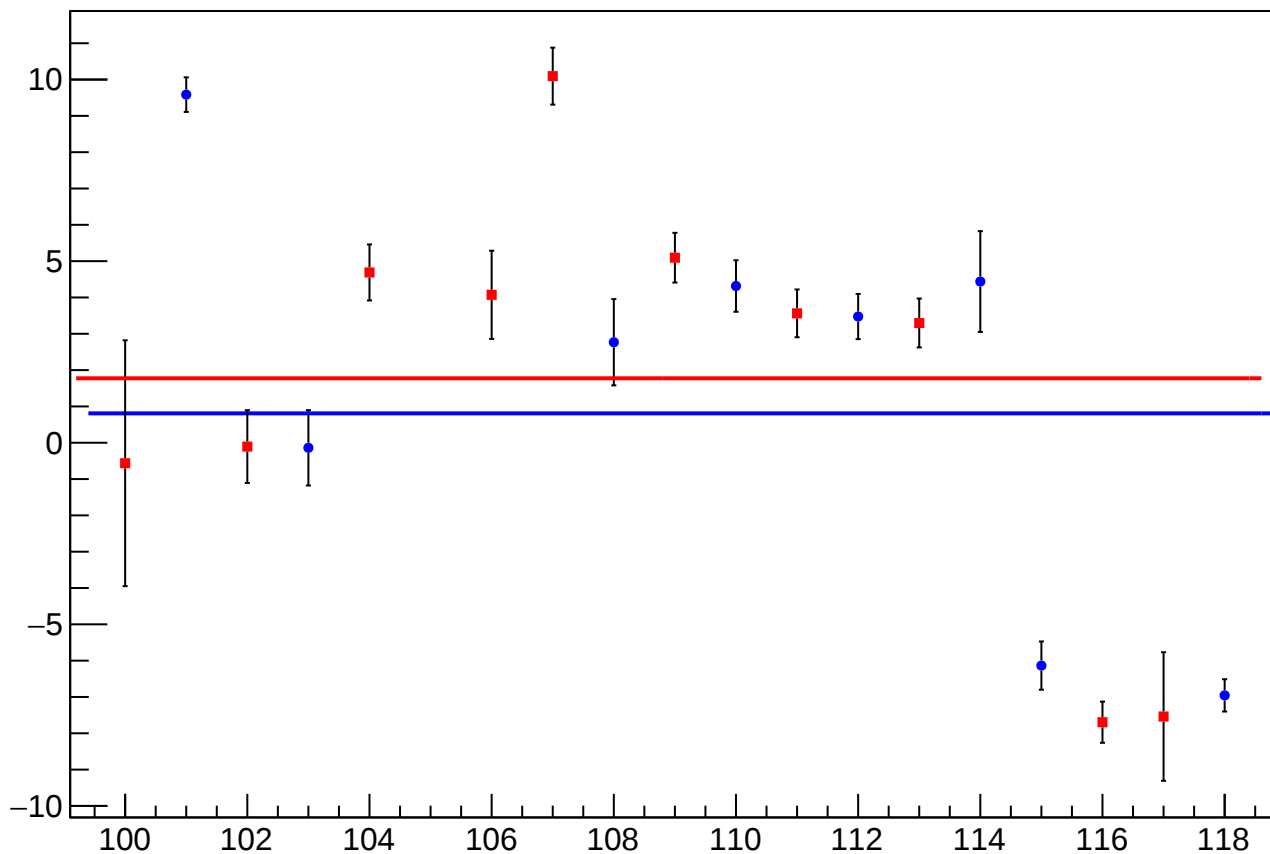
Right Out: 21.016+/-0.348 χ^2 /NDF: 304.5/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

19.857+/-0.361 χ^2 /NDF: 257.2/7

21.016+/-0.348 χ^2 /NDF: 304.5/9

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: 0.809+/-0.233 χ^2/NDF : 806.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

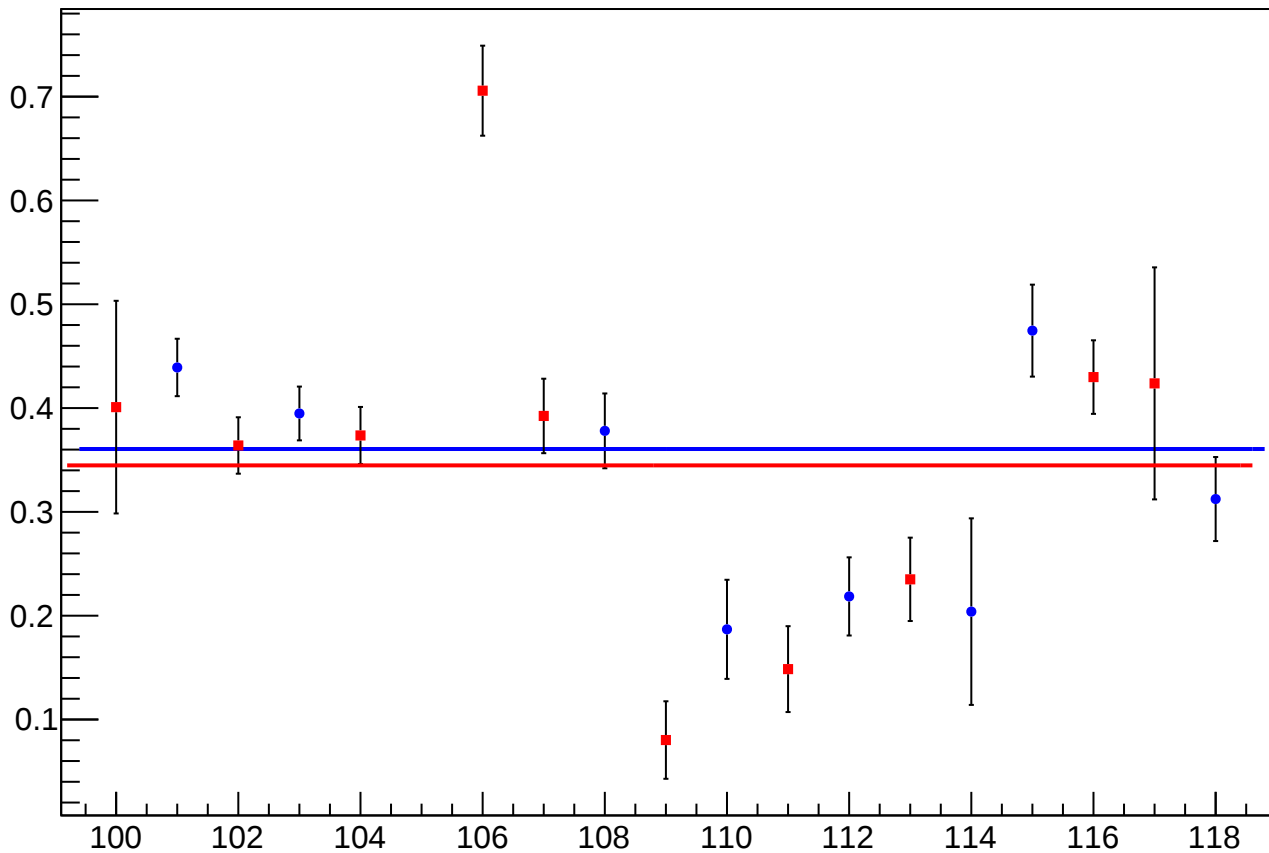
Right Out: 1.774+/-0.257 χ^2/NDF : 477.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.809+/-0.233 χ^2/NDF : 806.8/7

1.774+/-0.257 χ^2/NDF : 477.6/9

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.361+/-0.013 χ^2/NDF : 48.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

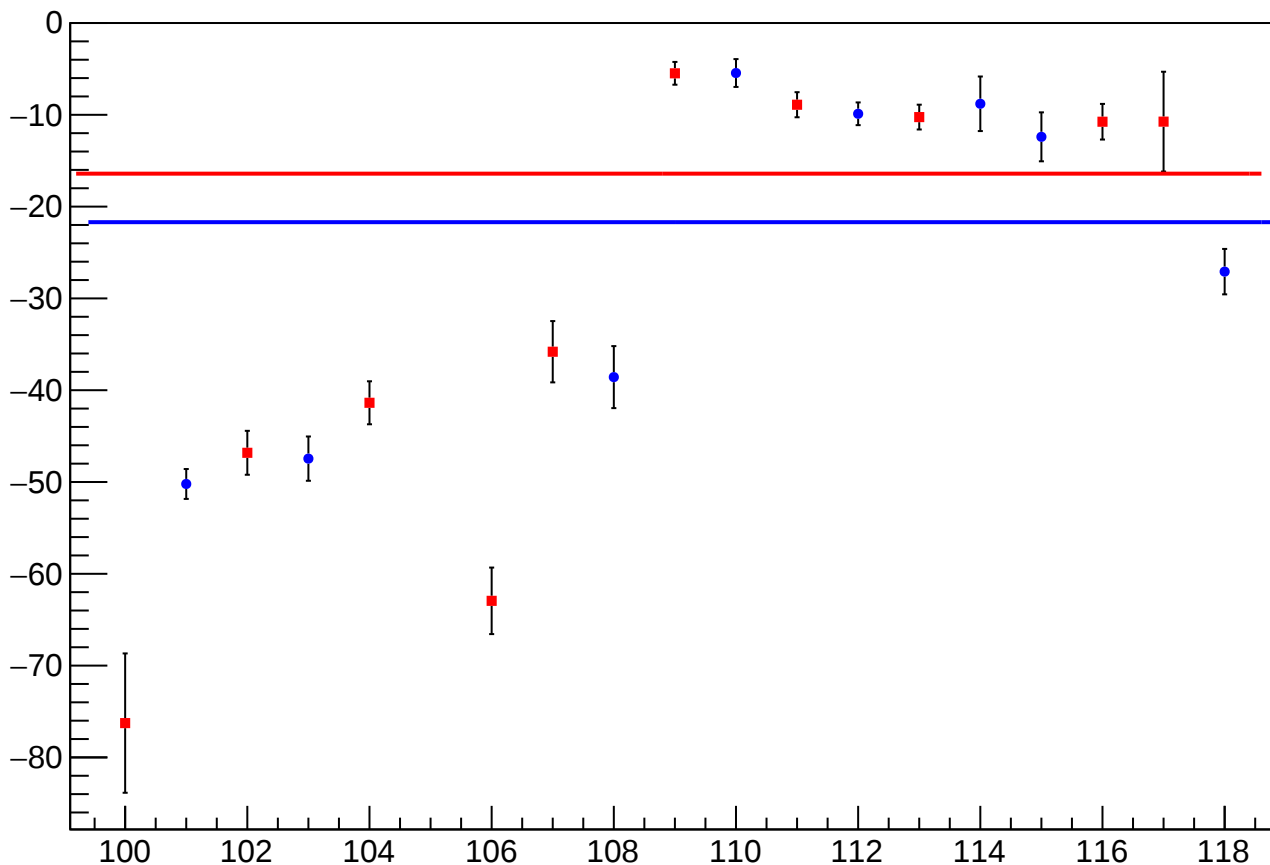
Right Out: 0.345+/-0.012 χ^2/NDF : 159.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.361+/-0.013 χ^2/NDF : 48.6/7

0.345+/-0.012 χ^2/NDF : 159.4/9

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug



Right In: -21.695+/-0.683 χ^2/NDF : 687.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

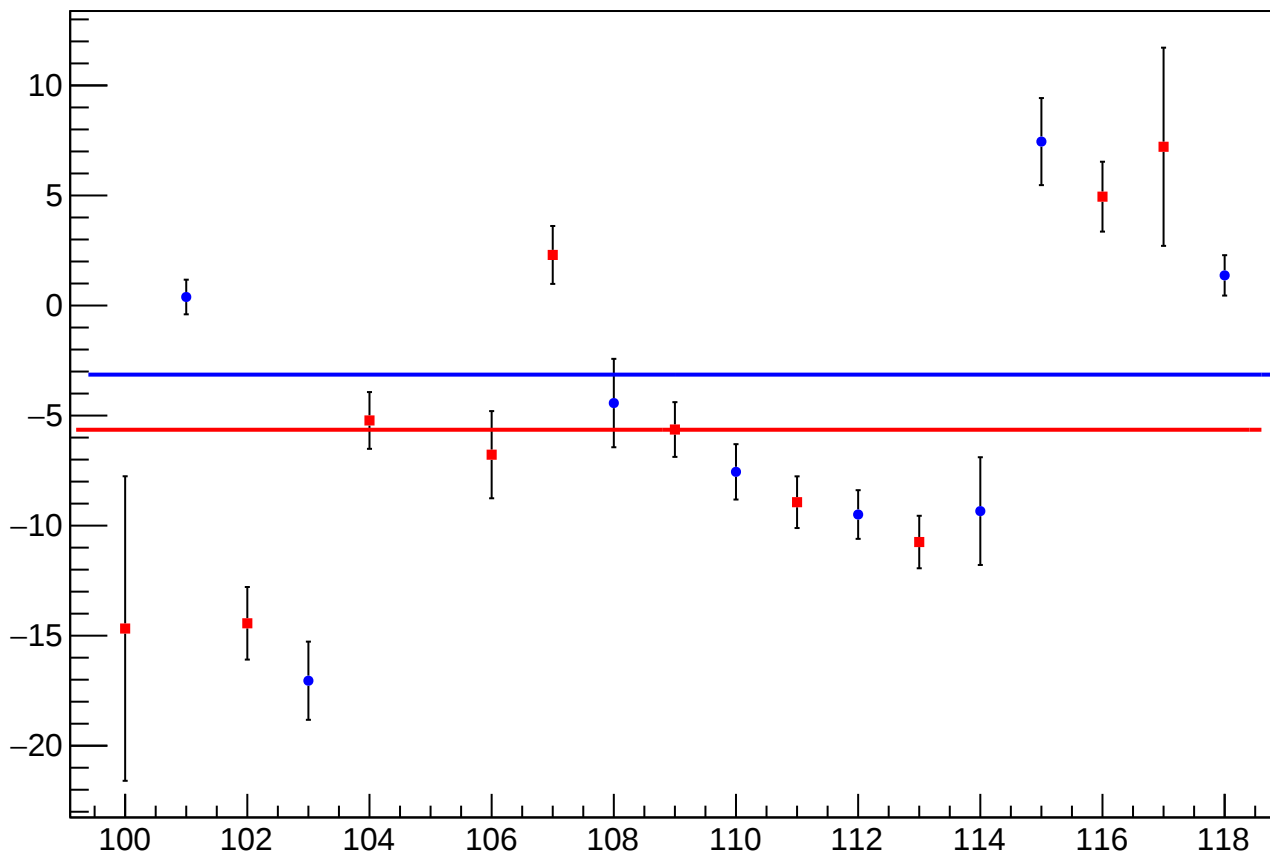
Right Out: -16.410+/-0.624 χ^2/NDF : 674.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-21.695+/-0.683 χ^2/NDF : 687.1/7

-16.410+/-0.624 χ^2/NDF : 674.1/9

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -3.139+/-0.437 χ^2/NDF : 186.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

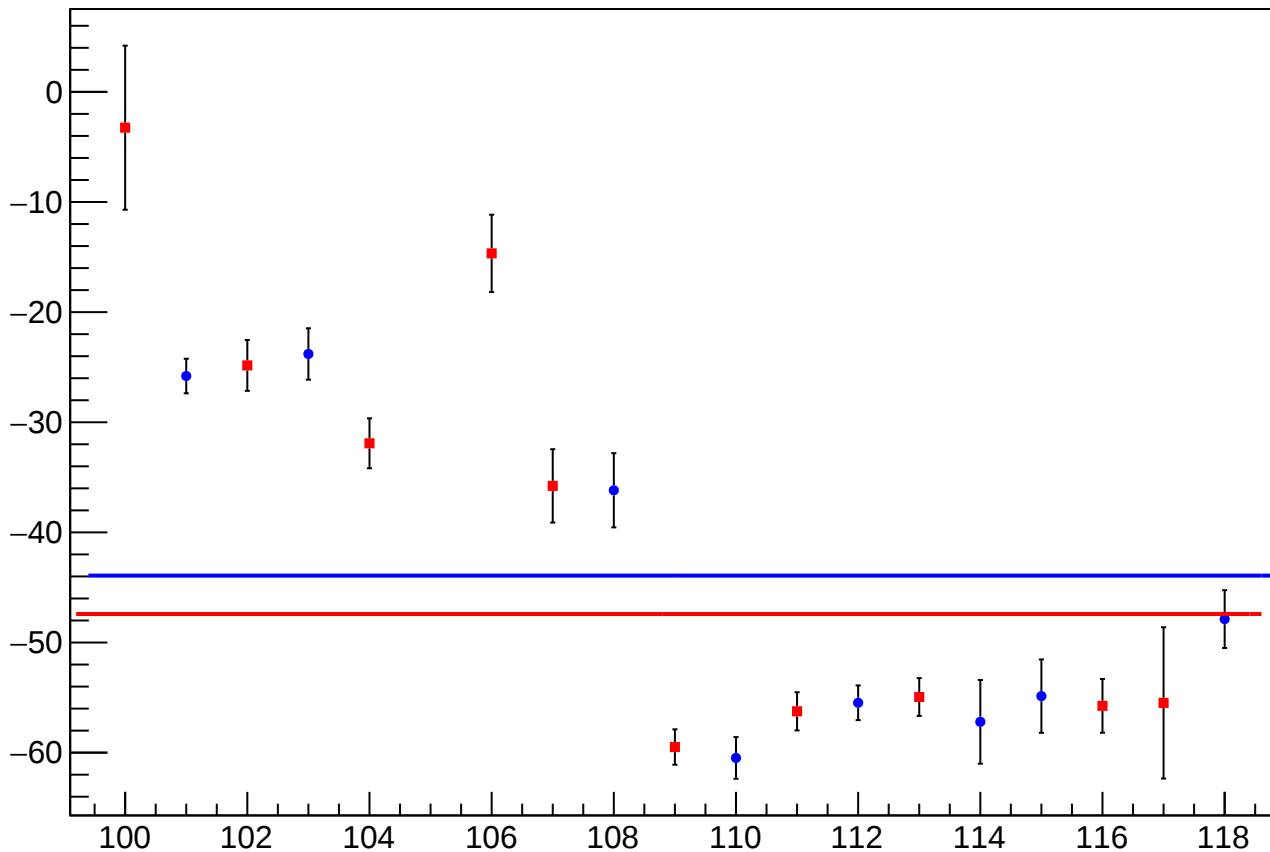
Right Out: -5.644+/-0.480 χ^2/NDF : 145.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.139+/-0.437 χ^2/NDF : 186.4/7

-5.644+/-0.480 χ^2/NDF : 145.8/9

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -43.923+/-0.775 χ^2/NDF : 368.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

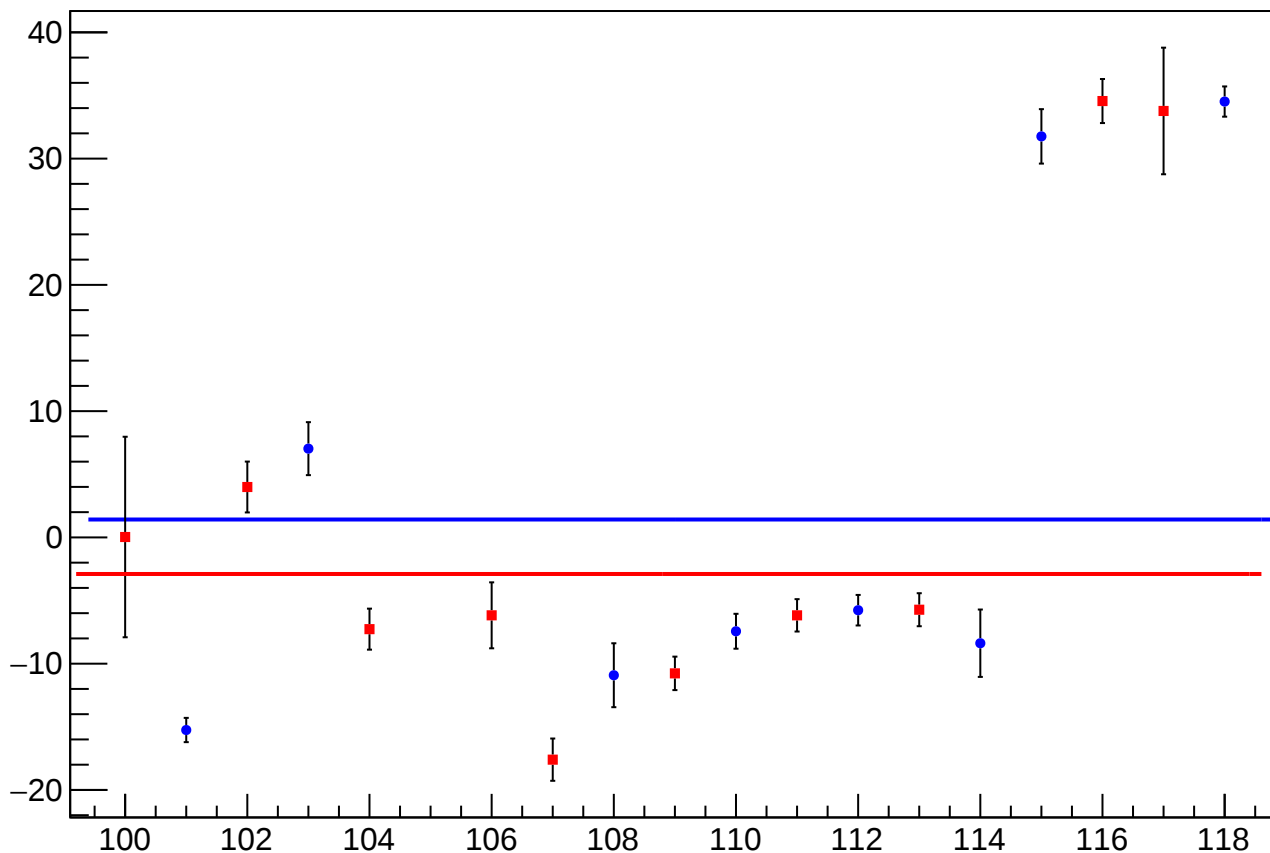
Right Out: -47.411+/-0.741 χ^2/NDF : 391.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.923+/-0.775 χ^2/NDF : 368.4/7

-47.411+/-0.741 χ^2/NDF : 391.2/9

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 1.418+/-0.518 χ^2/NDF : 1383.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

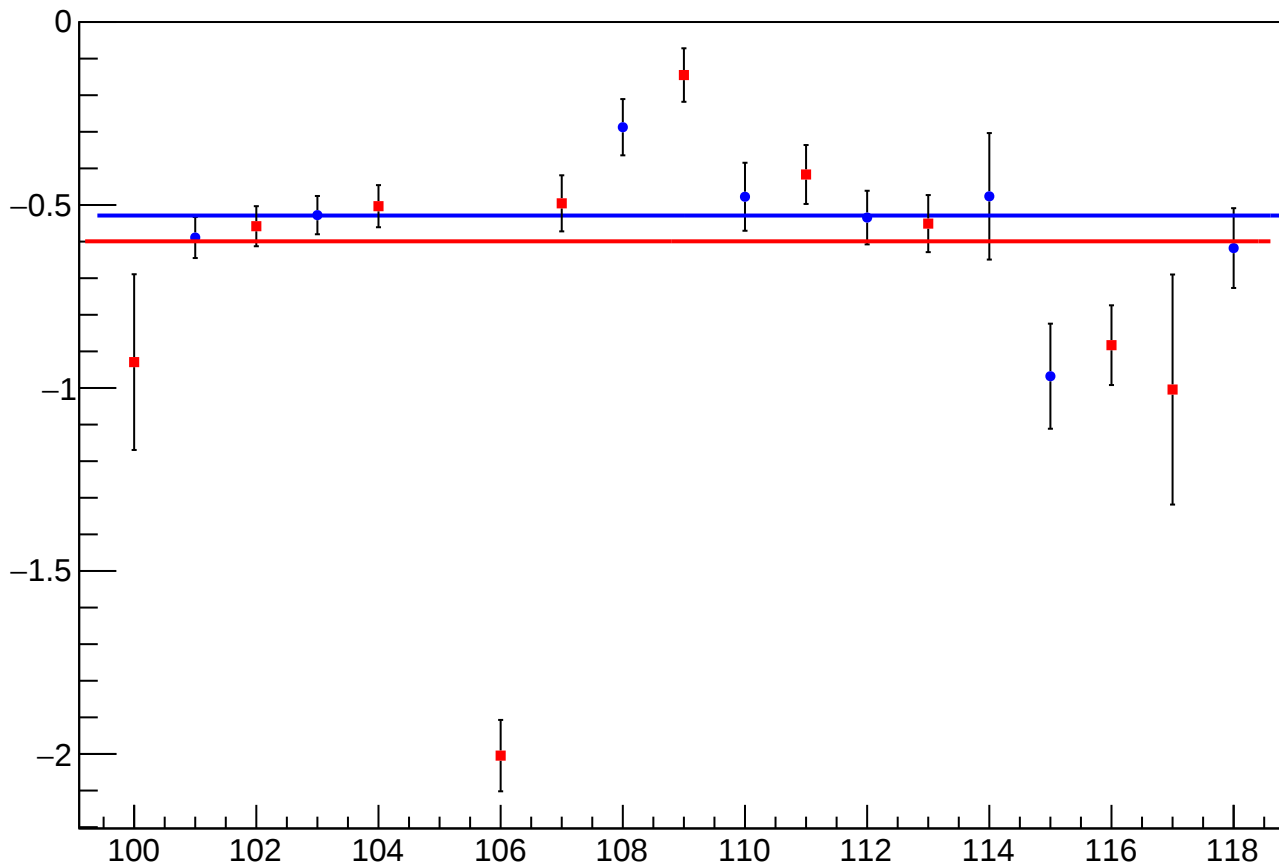
Right Out: -2.896+/-0.552 χ^2/NDF : 659.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.418+/-0.518 χ^2/NDF : 1383.9/7

-2.896+/-0.552 χ^2/NDF : 659.0/9

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.529+/-0.028 χ^2 /NDF: 21.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

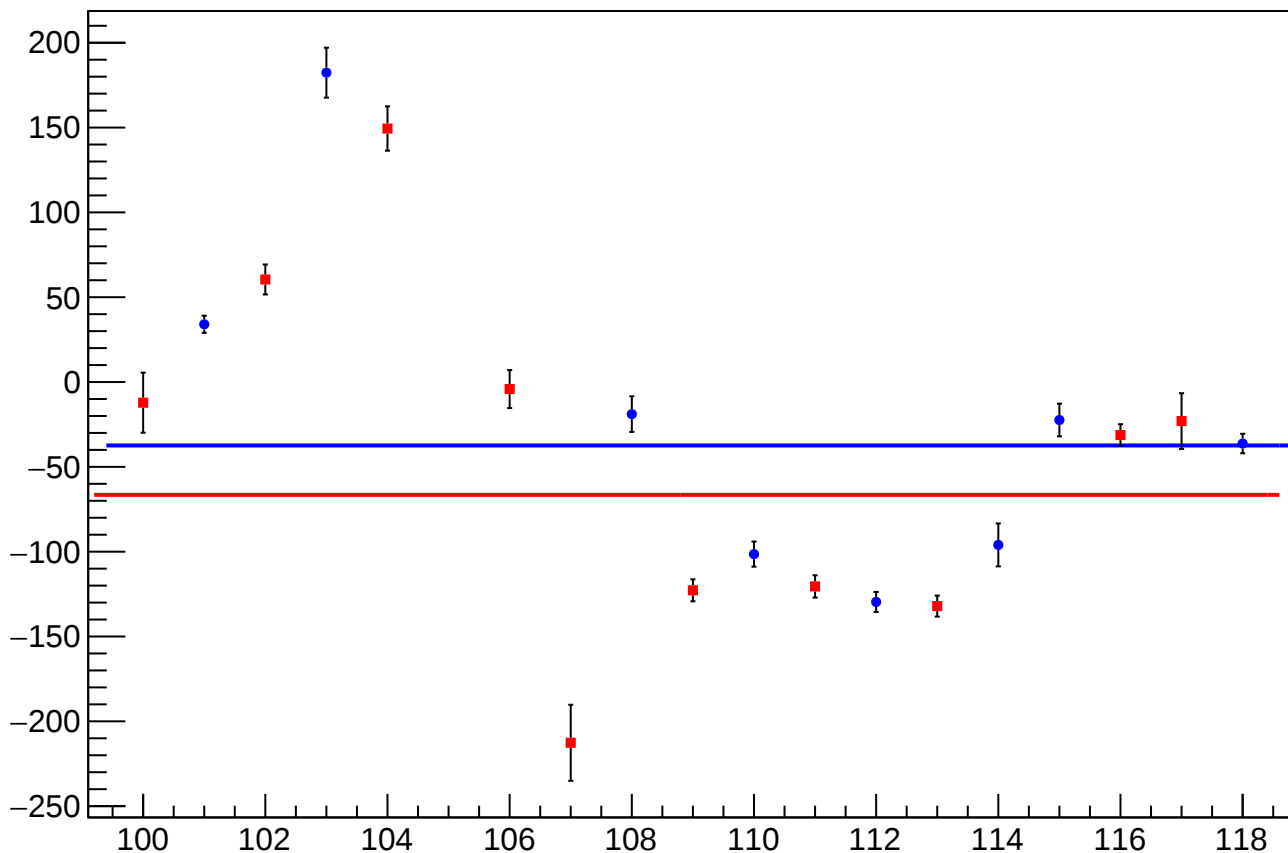
Right Out: -0.599+/-0.026 χ^2 /NDF: 267.3/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.529+/-0.028 χ^2 /NDF: 21.4/7

-0.599+/-0.026 χ^2 /NDF: 267.3/9

reg_asym_atl1_diff_bpm4aX_slope vs Slug



Right In: -37.391 $\pm$ 2.607 χ^2 /NDF: 768.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

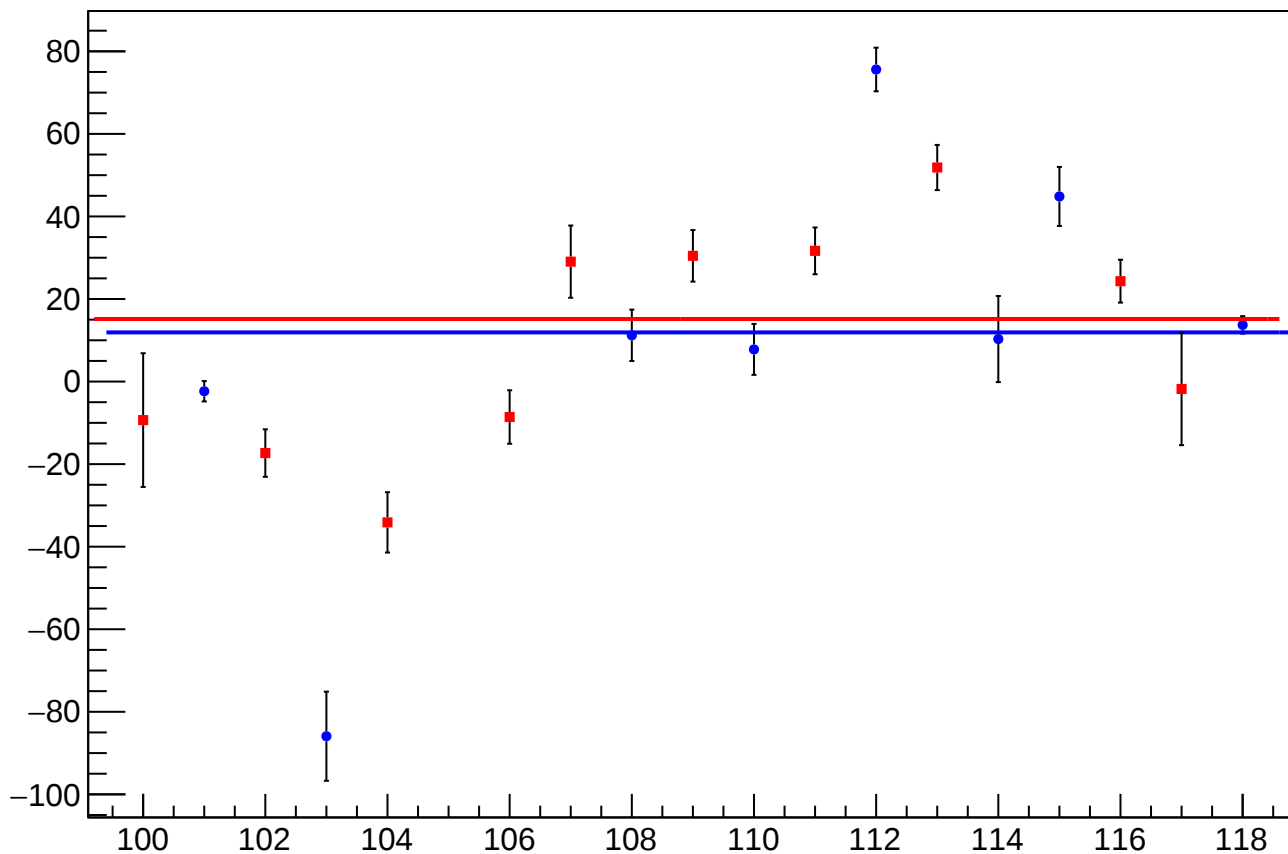
Right Out: -66.504 $\pm$ 2.738 χ^2 /NDF: 855.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-37.391 $\pm$ 2.607 χ^2 /NDF: 768.0/7

-66.504 $\pm$ 2.738 χ^2 /NDF: 855.7/9

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 11.910+/-1.396 χ^2 /NDF: 283.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

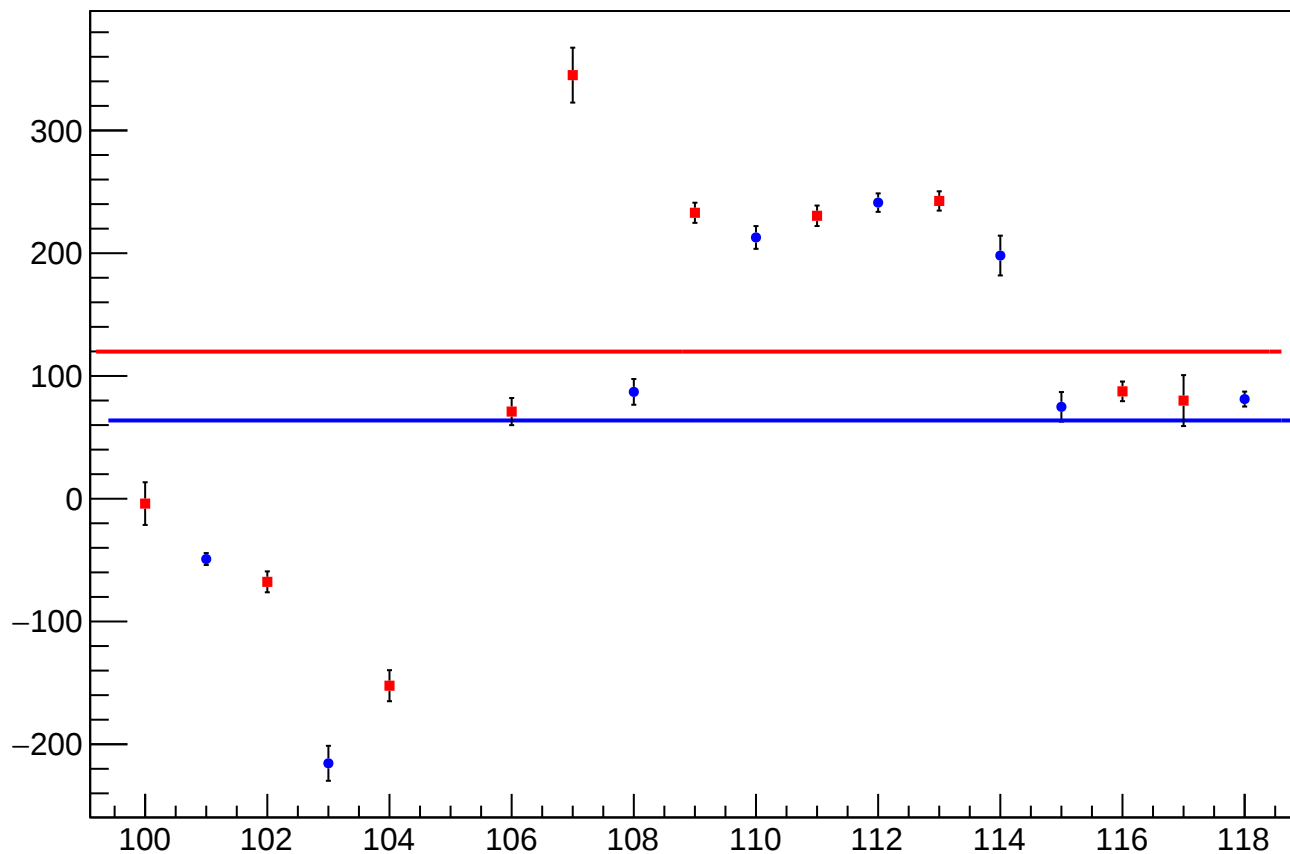
Right Out: 15.159+/-2.121 χ^2 /NDF: 159.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

11.910+/-1.396 χ^2 /NDF: 283.4/7

15.159+/-2.121 χ^2 /NDF: 159.6/9

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 63.755+/-2.849 χ^2 /NDF: 1820.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

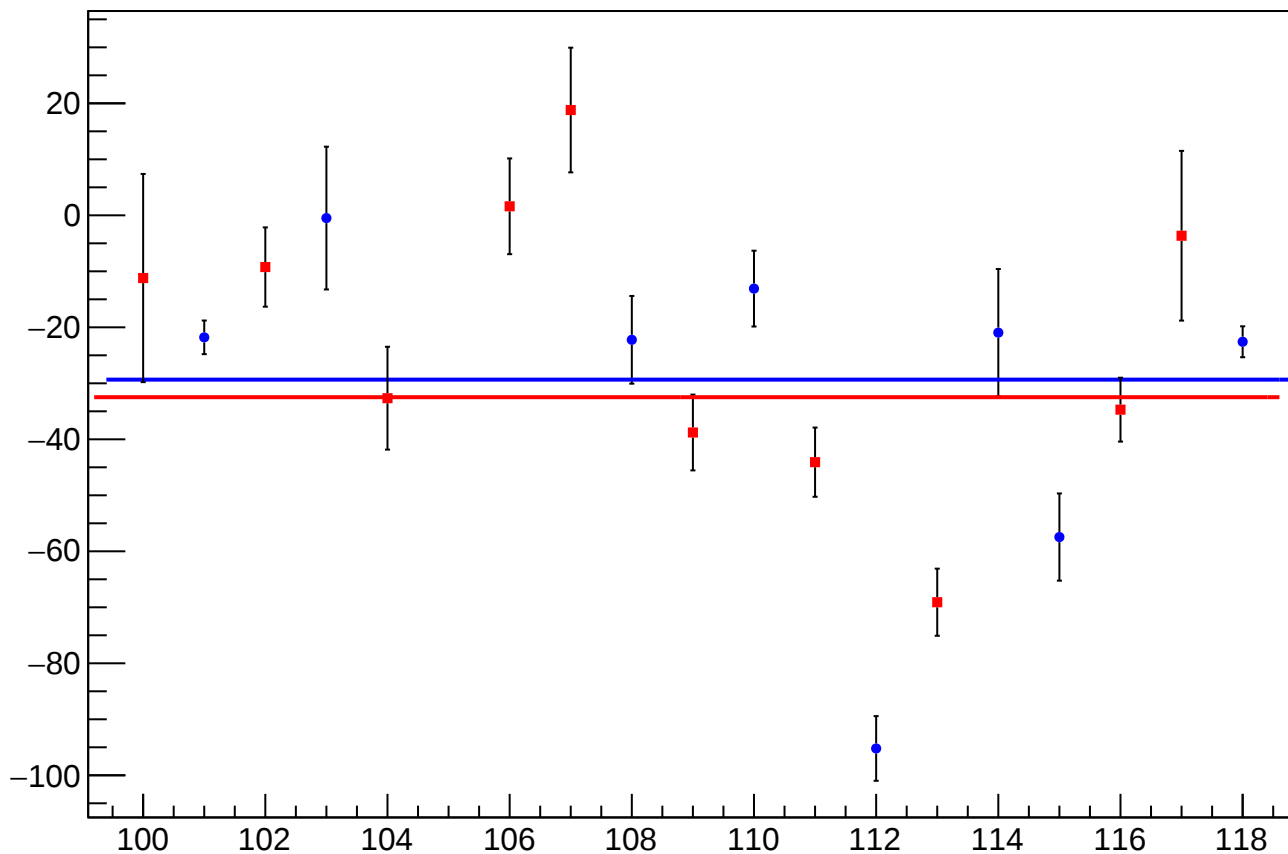
Right Out: 119.852+/-3.214 χ^2 /NDF: 1748.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

63.755+/-2.849 χ^2 /NDF: 1820.1/7

119.852+/-3.214 χ^2 /NDF: 1748.1/9

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -29.341 ± 1.713 χ^2/NDF : 167.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

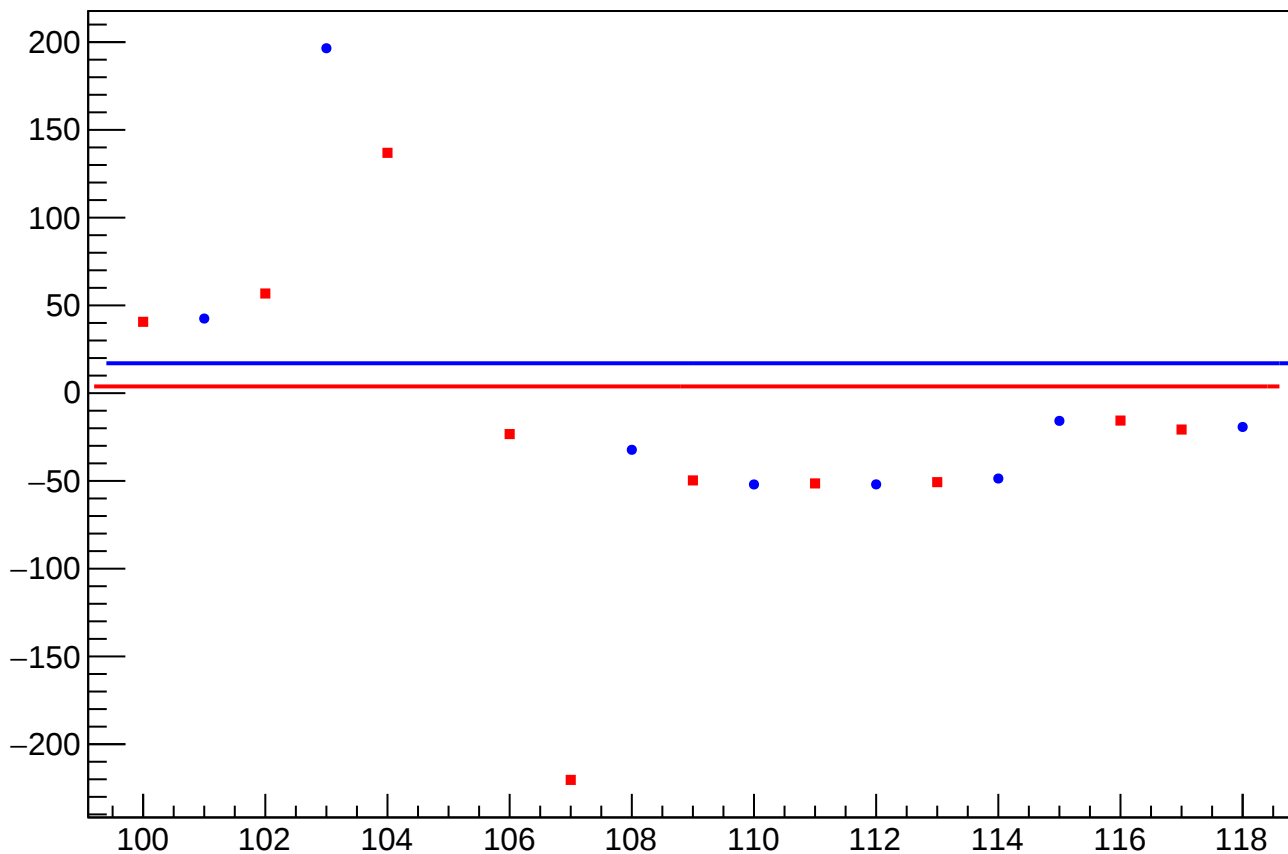
Right Out: -32.479 ± 2.444 χ^2/NDF : 94.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.341 ± 1.713 χ^2/NDF : 167.7/7

-32.479 ± 2.444 χ^2/NDF : 94.7/9

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: 17.030+/-0.103 χ^2/NDF : 474785.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

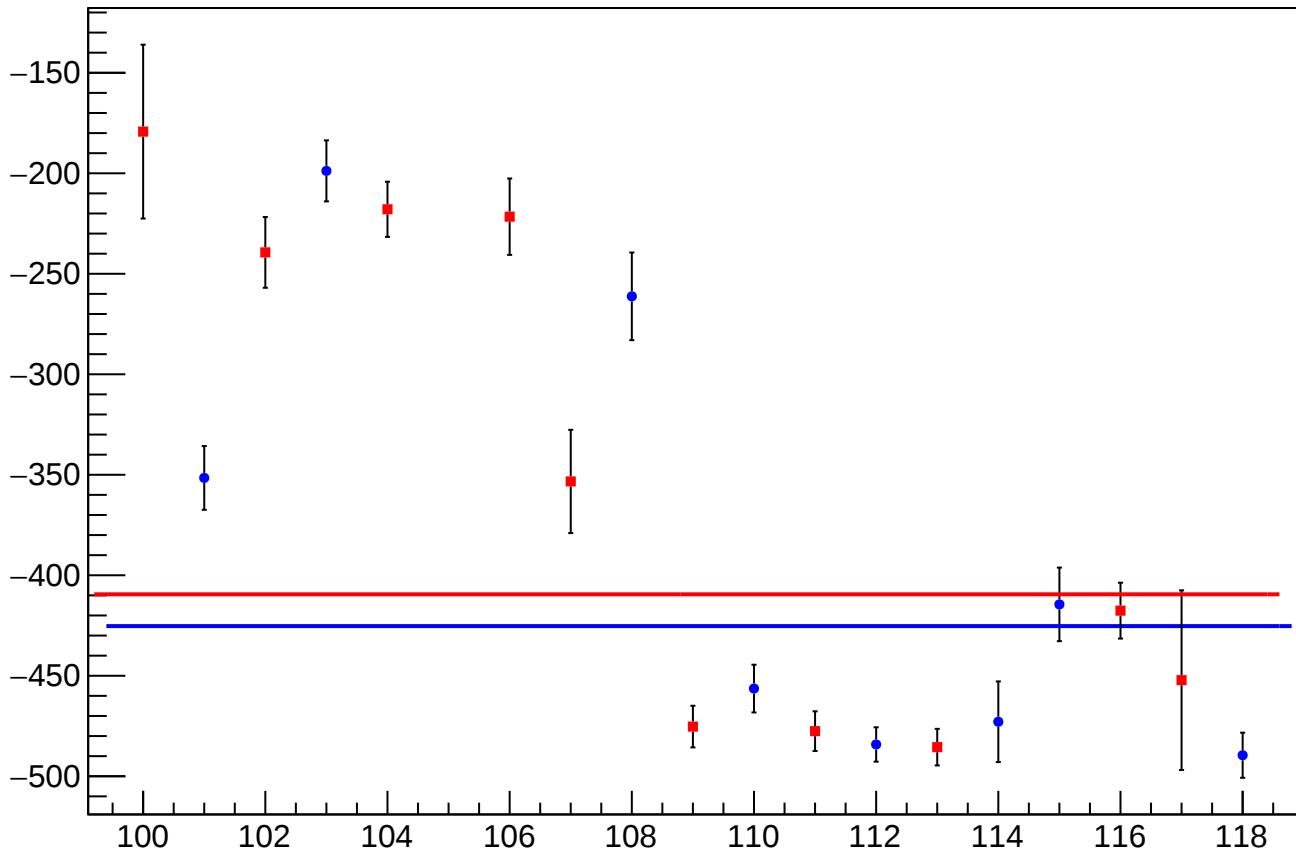
Right Out: 3.833+/-0.108 χ^2/NDF : 514179.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.030+/-0.103 χ^2/NDF : 474785.2/7

3.833+/-0.108 χ^2/NDF : 514179.4/9

reg_asym_atl2_diff_bpm4aX_slope vs Slug



Right In: -425.294+/-4.736 χ^2/NDF : 393.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

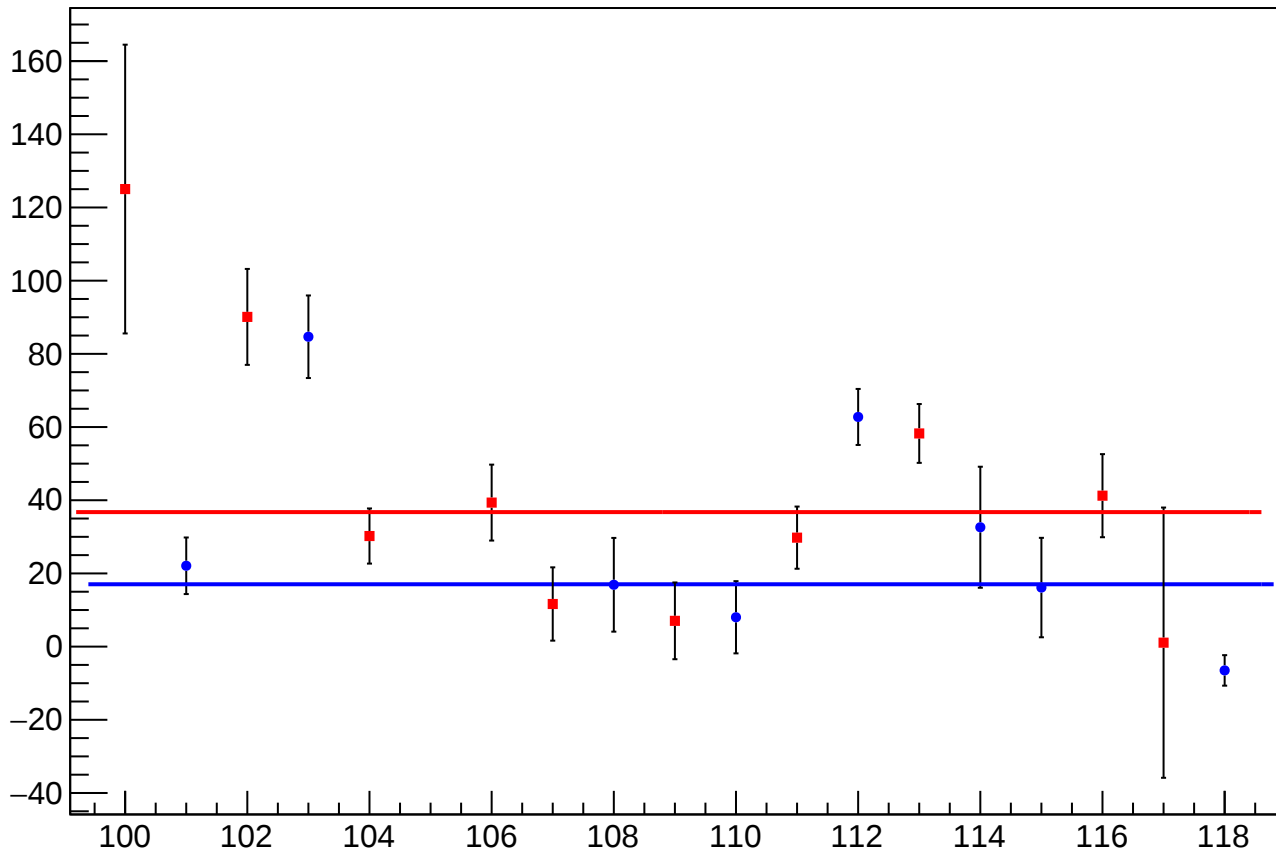
Right Out: -409.479+/-4.441 χ^2/NDF : 578.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-425.294+/-4.736 χ^2/NDF : 393.8/7

-409.479+/-4.441 χ^2/NDF : 578.0/9

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 17.038+/-2.832 χ^2/NDF : 105.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

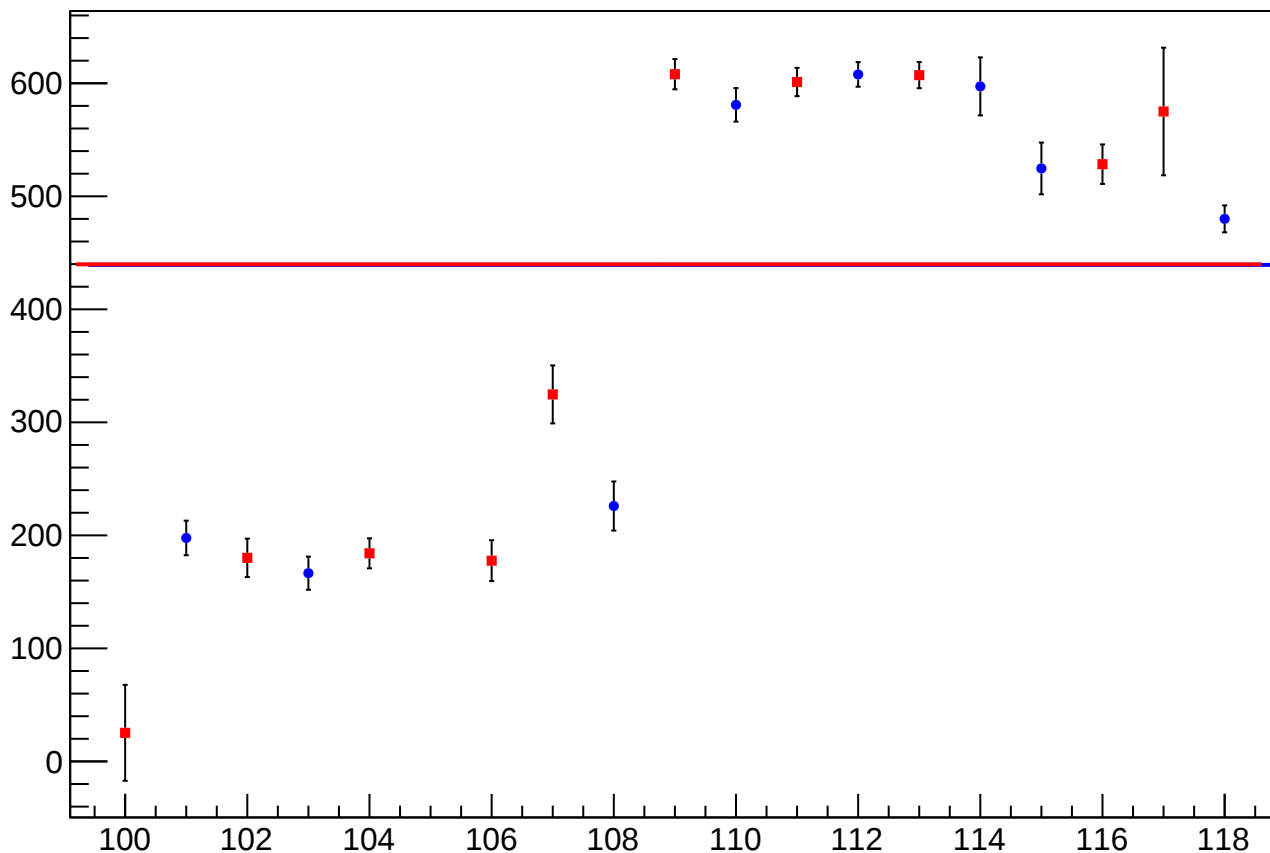
Right Out: 36.757+/-3.329 χ^2/NDF : 45.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.038+/-2.832 χ^2/NDF : 105.7/7

36.757+/-3.329 χ^2/NDF : 45.6/9

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 439.320 $\pm$ 5.387 χ^2 /NDF: 1084.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

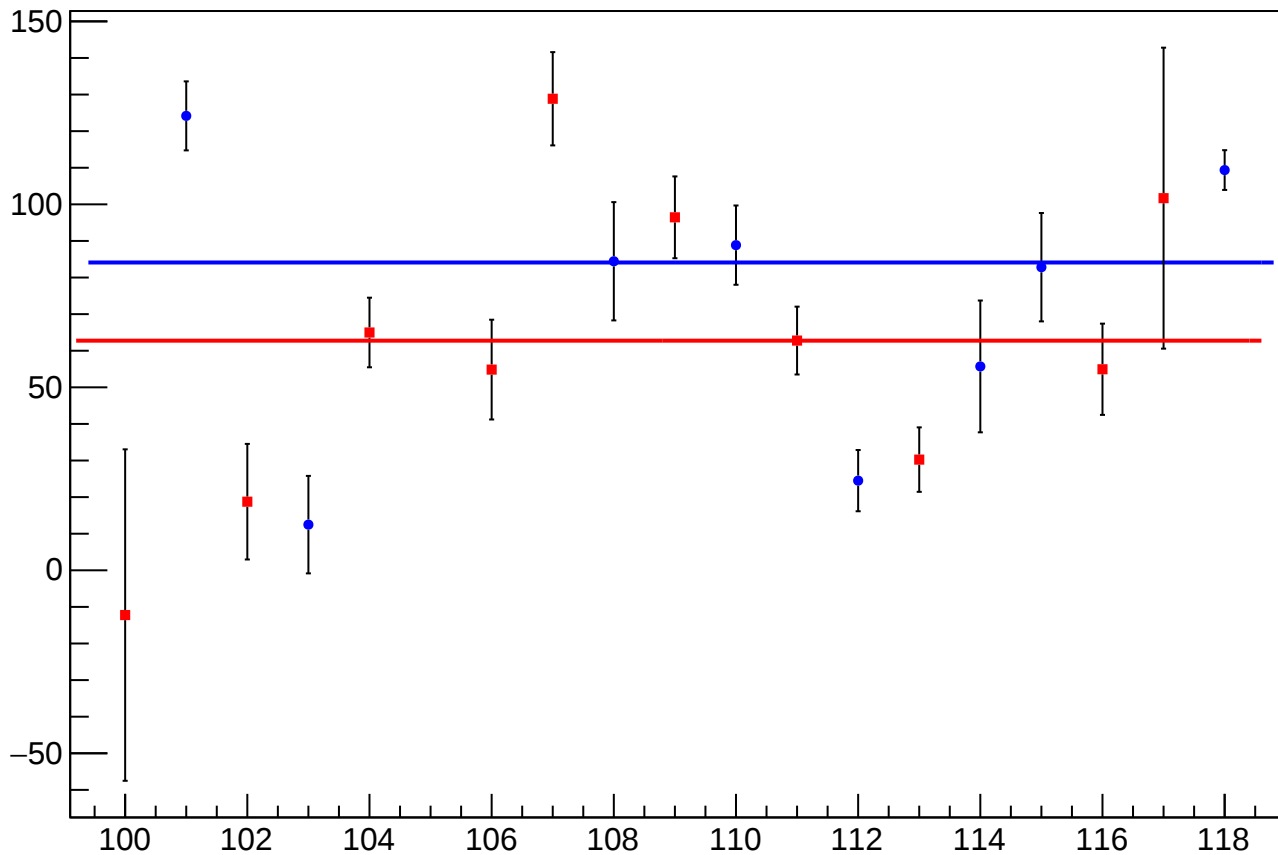
Right Out: 439.824 $\pm$ 5.179 χ^2 /NDF: 1494.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

439.320 $\pm$ 5.387 χ^2 /NDF: 1084.9/7

439.824 $\pm$ 5.179 χ^2 /NDF: 1494.1/9

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 84.113 $\pm$ 3.429 χ^2 /NDF: 122.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

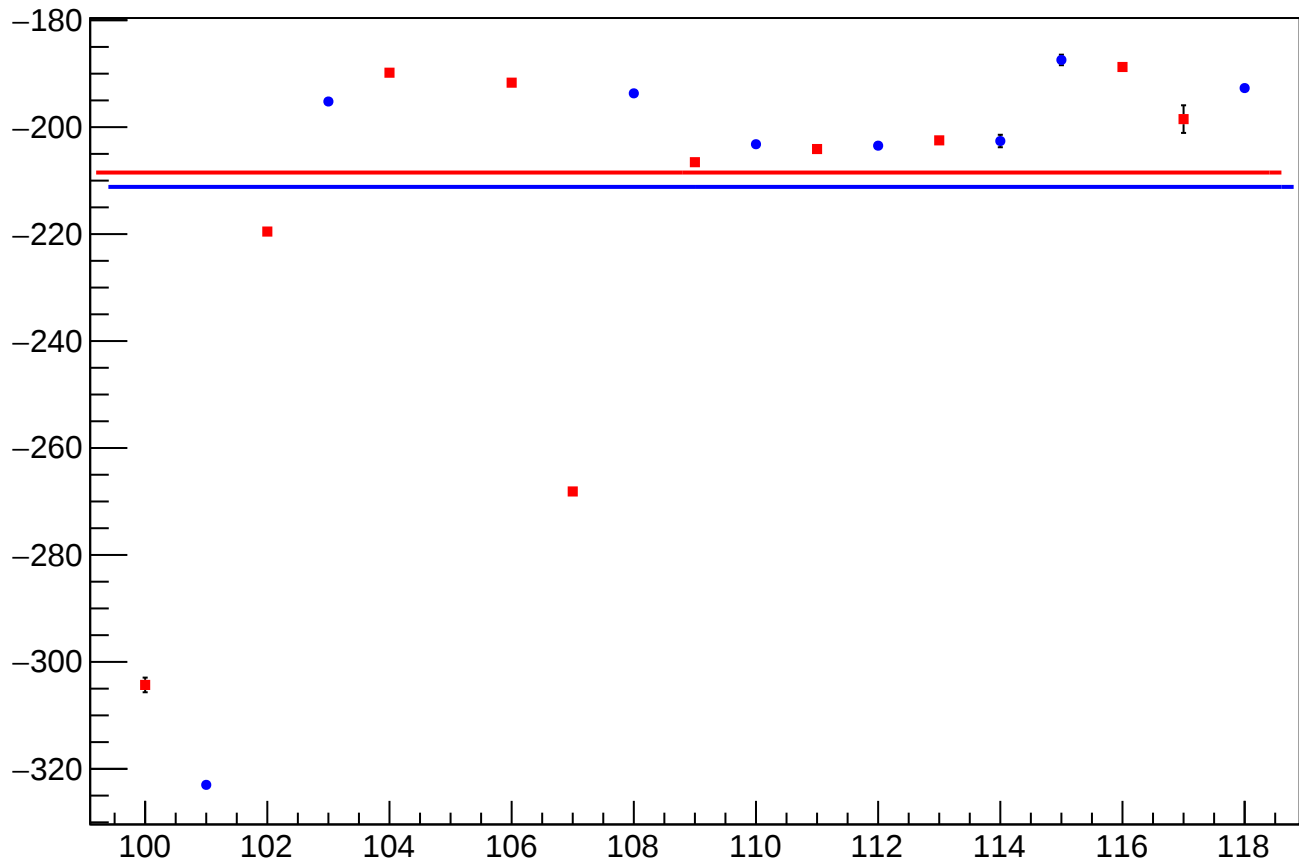
Right Out: 62.750 $\pm$ 3.873 χ^2 /NDF: 61.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

84.113 $\pm$ 3.429 χ^2 /NDF: 122.0/7

62.750 $\pm$ 3.873 χ^2 /NDF: 61.8/9

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -211.172+/-0.188 χ^2 /NDF: 47185.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

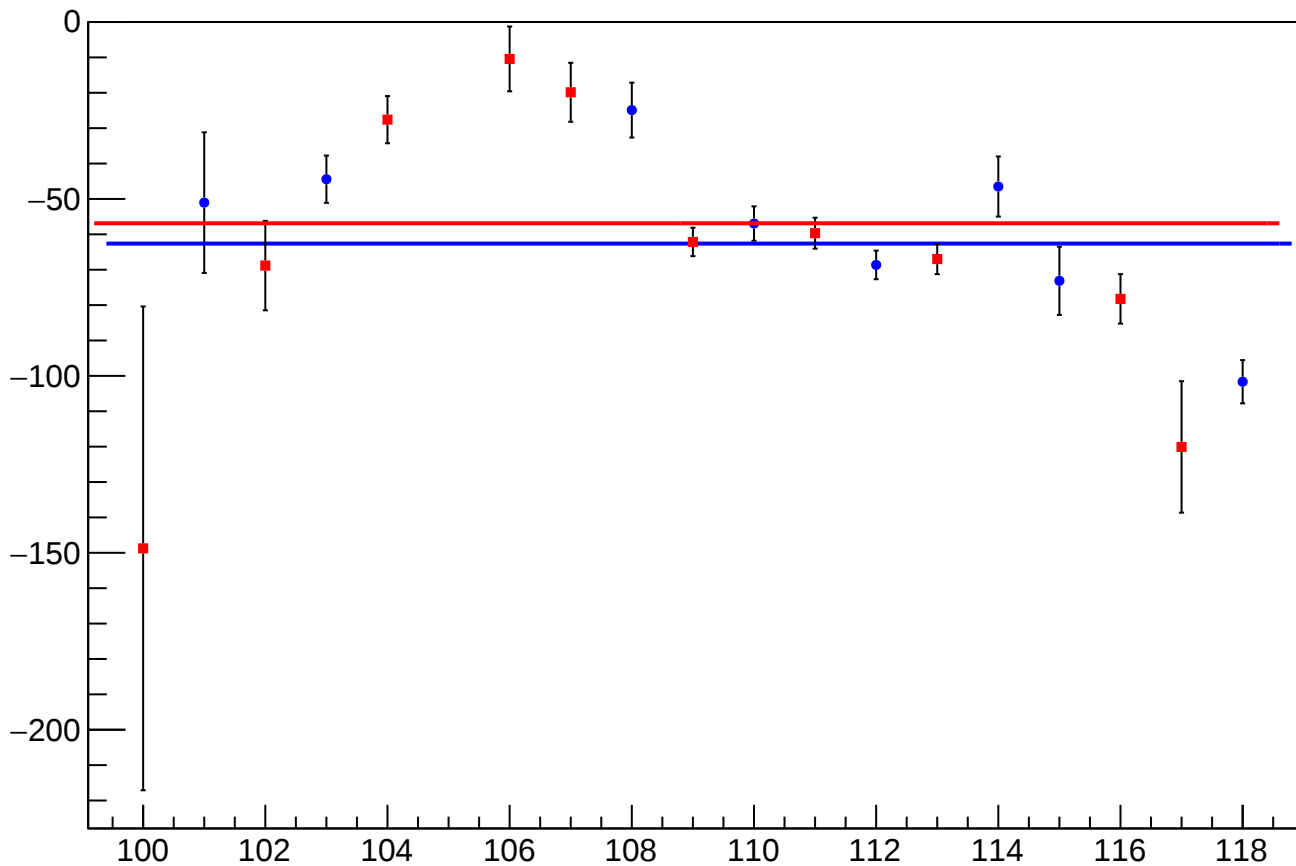
Right Out: -208.489+/-0.174 χ^2 /NDF: 20738.6/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-211.172+/-0.188 χ^2 /NDF: 47185.3/7

-208.489+/-0.174 χ^2 /NDF: 20738.6/9

reg_asym_atr1_diff_bpm4aX_slope vs Slug



Right In: -62.614 $\pm$ 2.255 χ^2 /NDF: 80.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

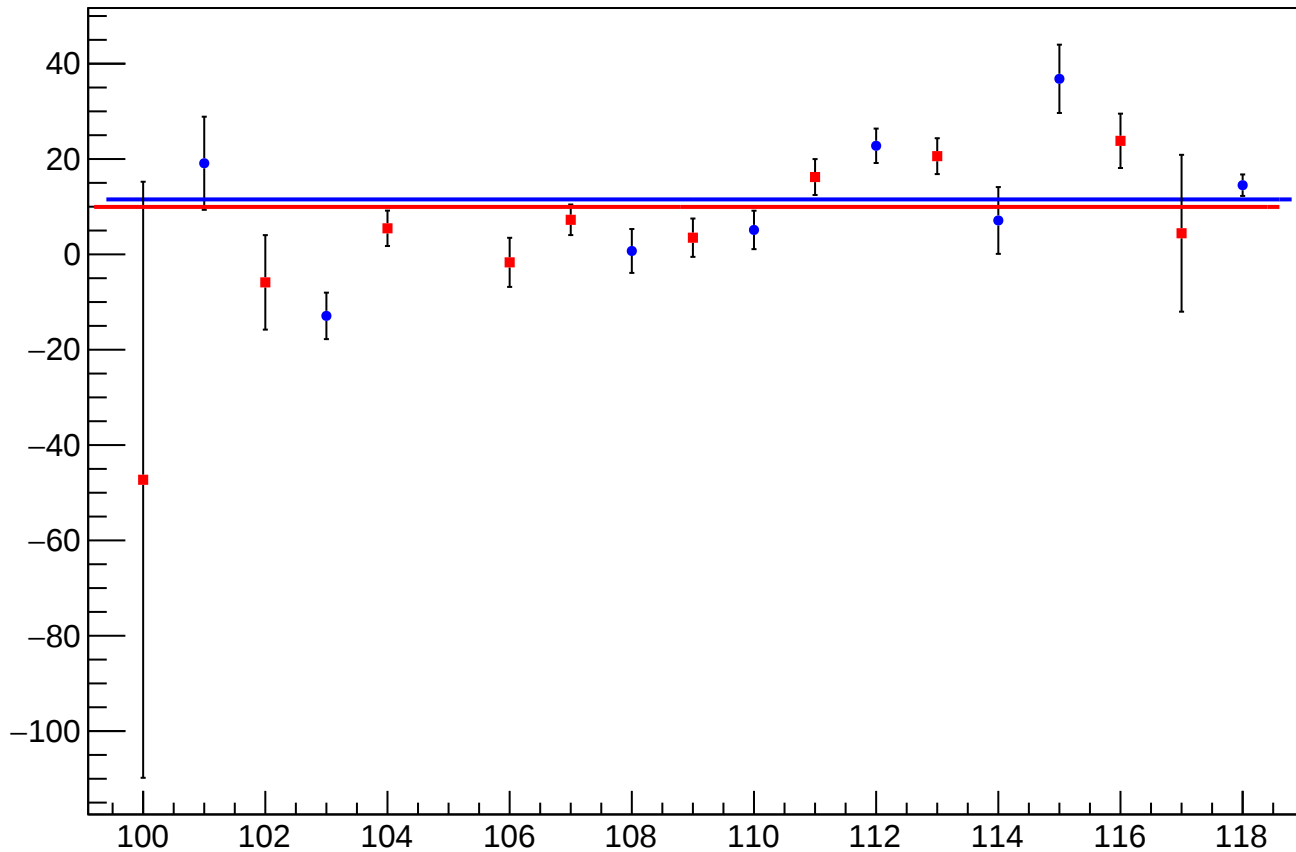
Right Out: -56.876 $\pm$ 2.007 χ^2 /NDF: 96.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-62.614 $\pm$ 2.255 χ^2 /NDF: 80.6/7

-56.876 $\pm$ 2.007 χ^2 /NDF: 96.2/9

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 11.530+/-1.451 χ^2 /NDF: 58.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

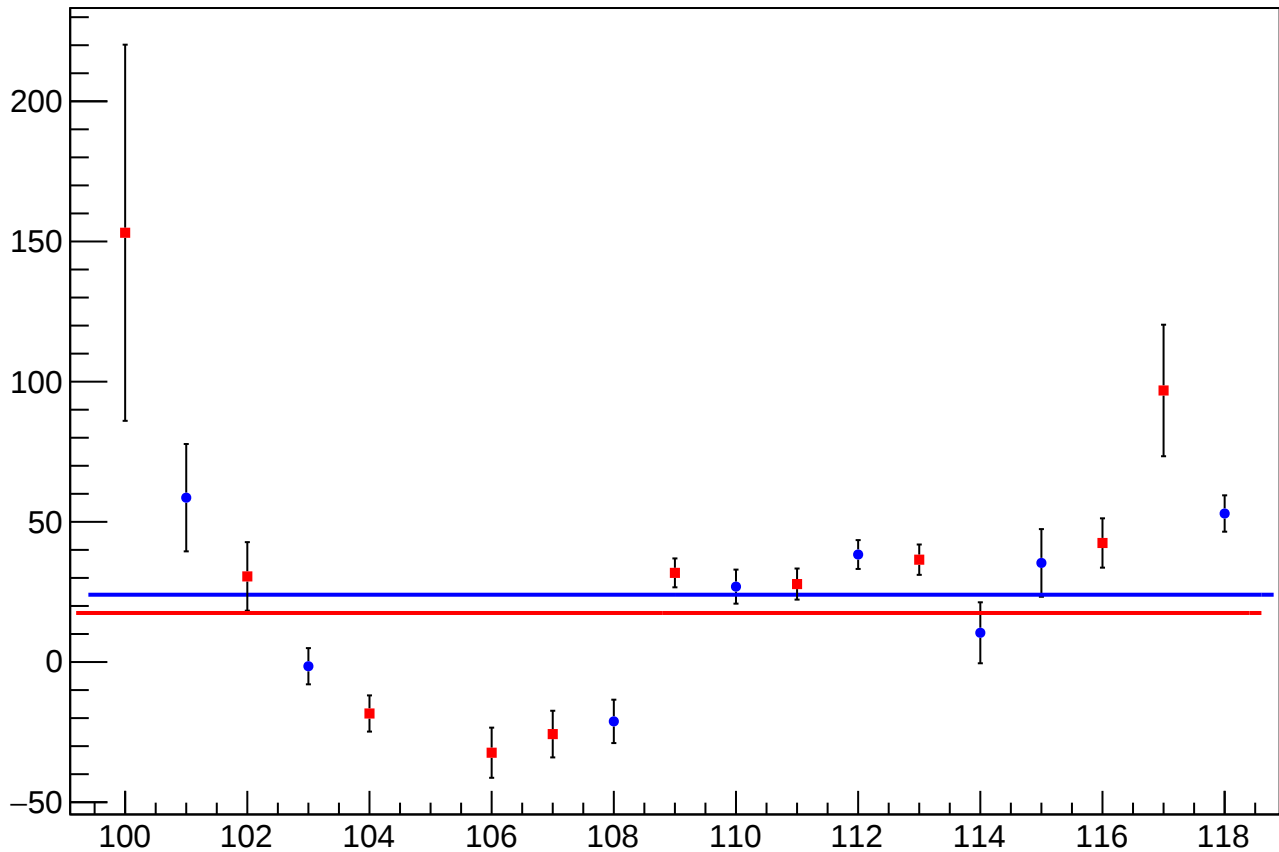
Right Out: 9.953+/-1.482 χ^2 /NDF: 30.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

11.530+/-1.451 χ^2 /NDF: 58.1/7

9.953+/-1.482 χ^2 /NDF: 30.0/9

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 24.009 $\pm$ 2.604 χ^2 /NDF: 83.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

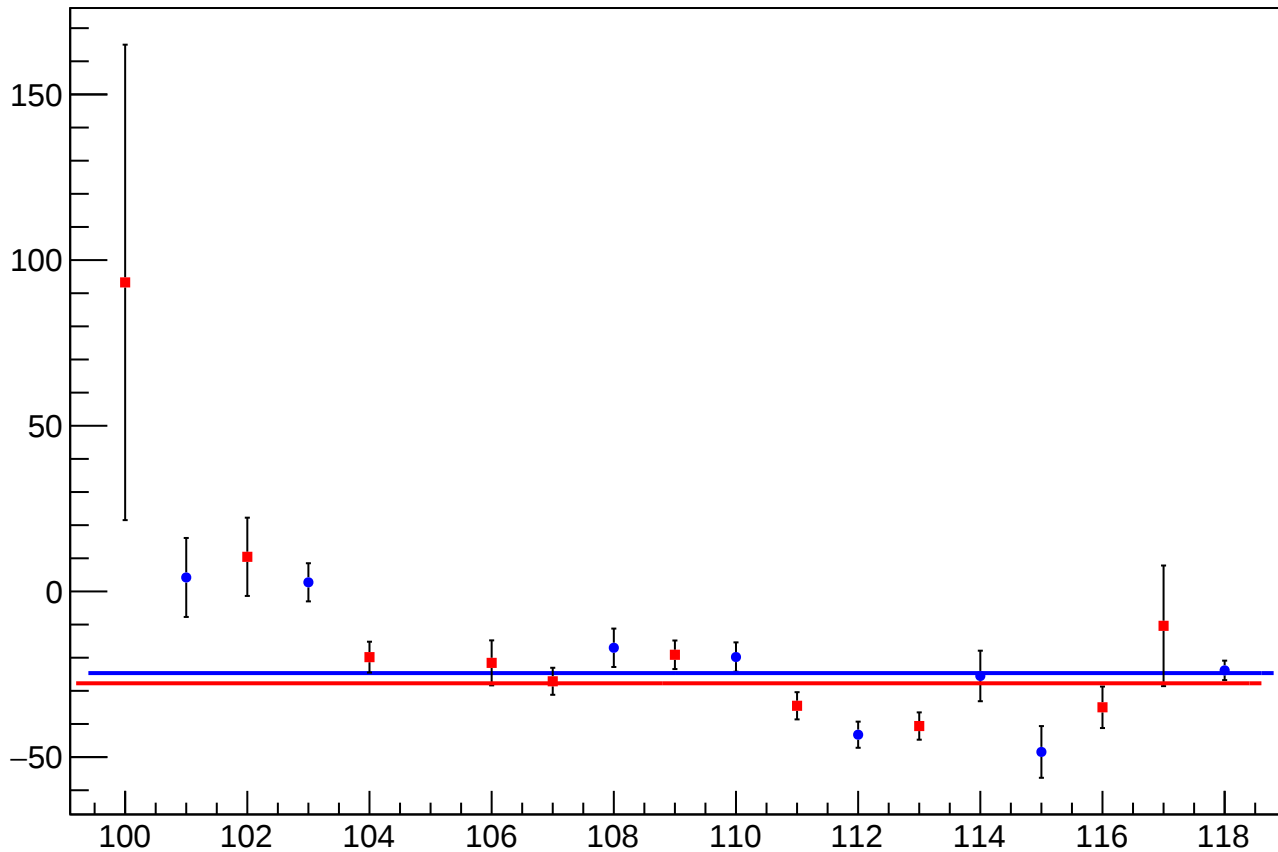
Right Out: 17.495 $\pm$ 2.377 χ^2 /NDF: 137.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.009 $\pm$ 2.604 χ^2 /NDF: 83.3/7

17.495 $\pm$ 2.377 χ^2 /NDF: 137.1/9

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -24.644 ± 1.736 χ^2/NDF : 63.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

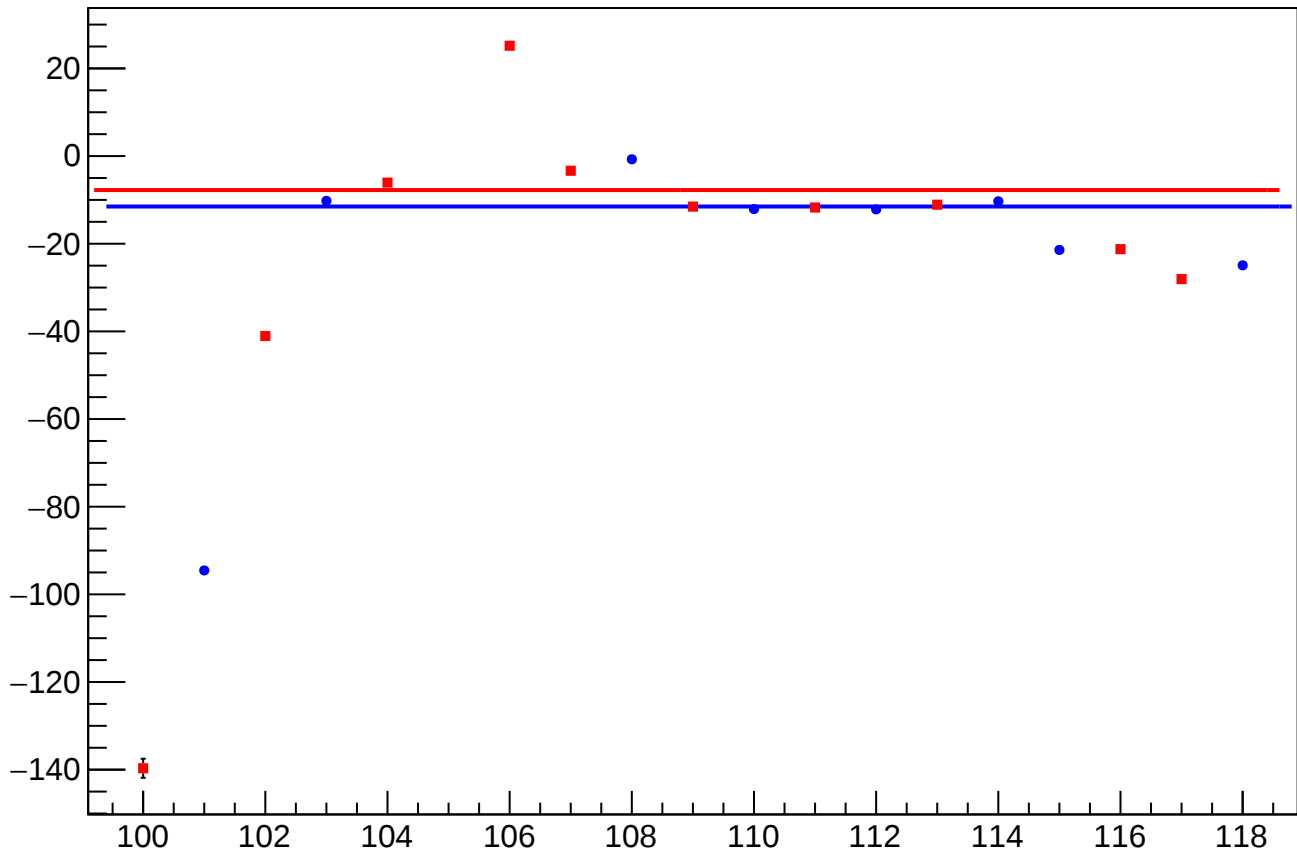
Right Out: -27.722 ± 1.726 χ^2/NDF : 35.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-24.644 ± 1.736 χ^2/NDF : 63.1/7

-27.722 ± 1.726 χ^2/NDF : 35.8/9

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -11.509 ± 0.087 $\chi^2/\text{NDF}: 21347.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

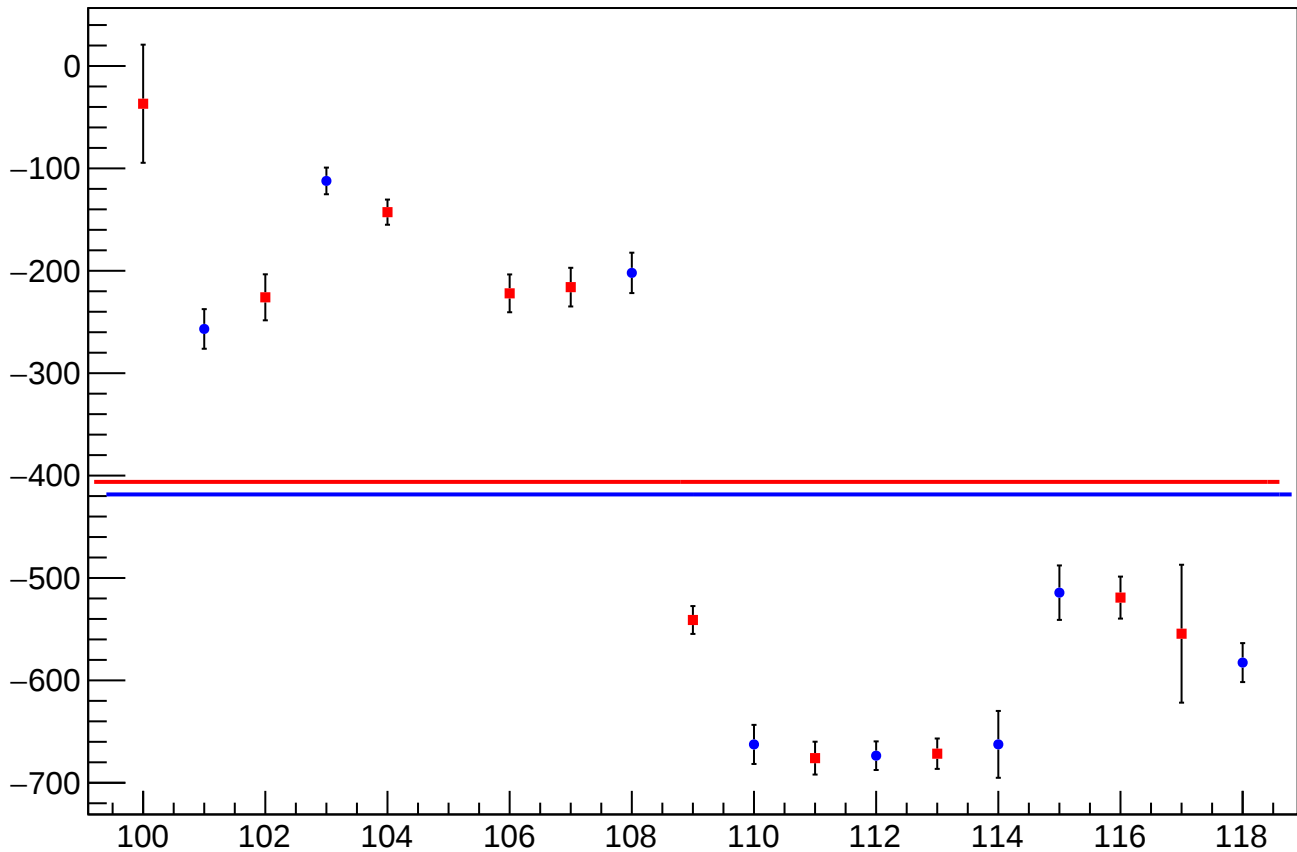
Right Out: -7.752 ± 0.080 $\chi^2/\text{NDF}: 39655.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-11.509 ± 0.087 $\chi^2/\text{NDF}: 21347.0/7$

-7.752 ± 0.080 $\chi^2/\text{NDF}: 39655.8/9$

reg_asym_atr2_diff_bpm4aX_slope vs Slug



Right In: -418.403+/-6.438 χ^2/NDF : 1383.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

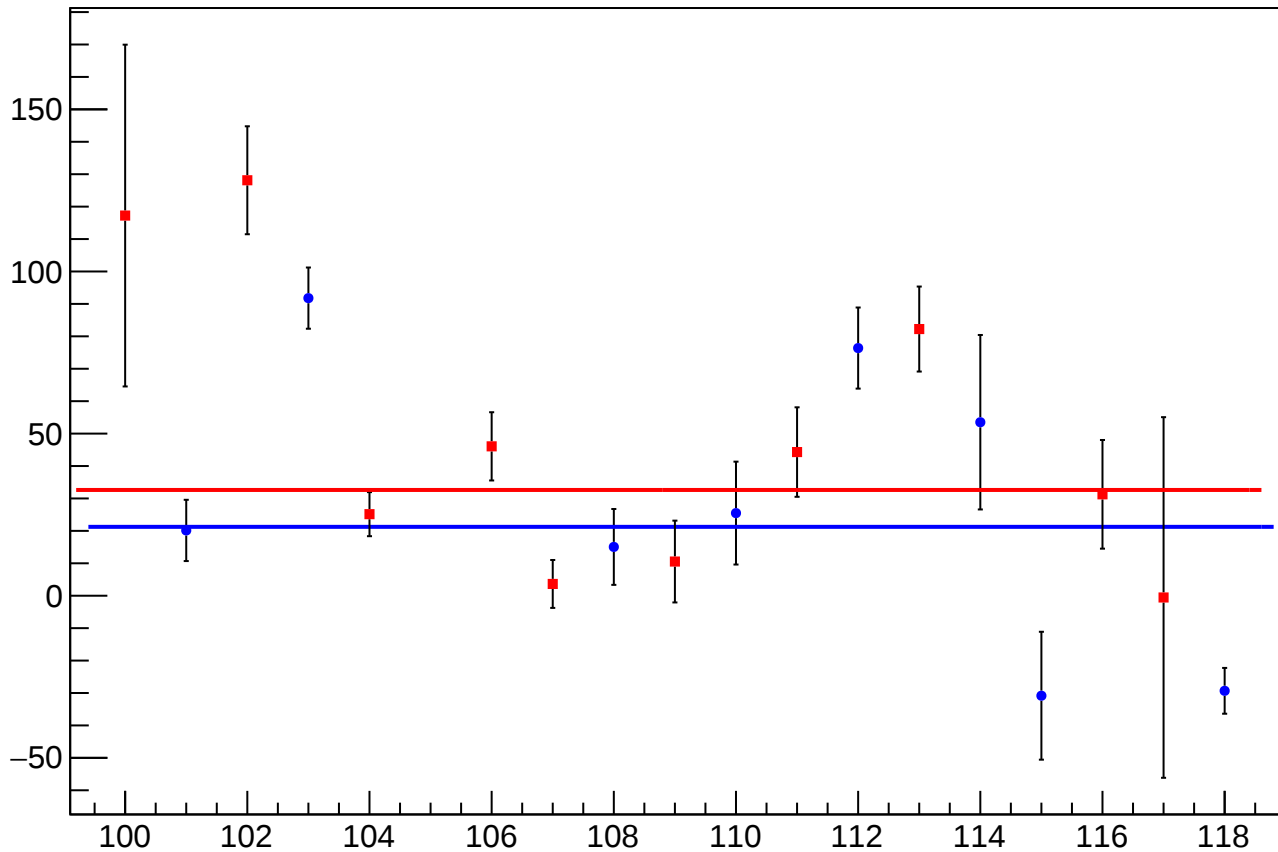
Right Out: -406.147+/-5.674 χ^2/NDF : 1501.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-418.403+/-6.438 χ^2/NDF : 1383.7/7

-406.147+/-5.674 χ^2/NDF : 1501.4/9

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 21.245+/-3.950 χ^2/NDF : 135.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

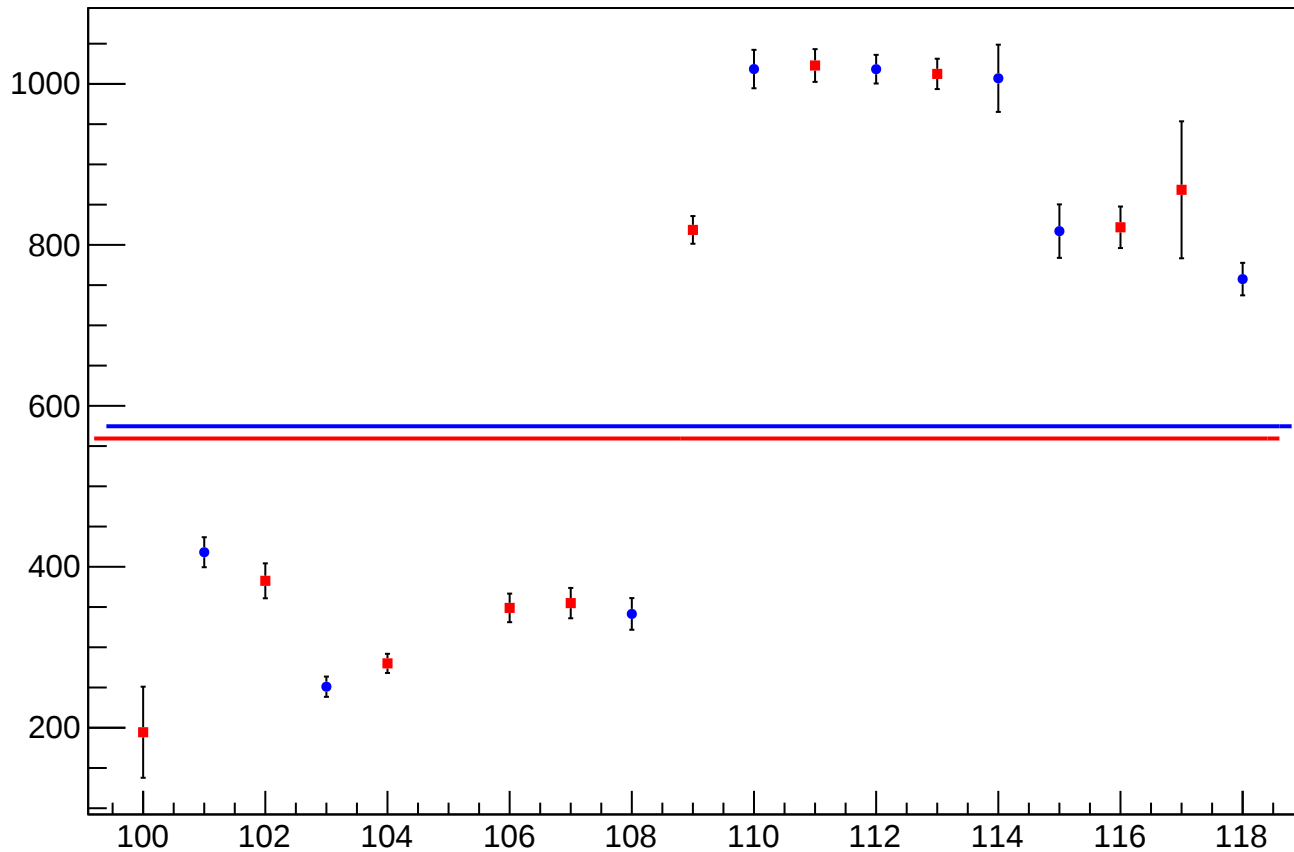
Right Out: 32.619+/-3.671 χ^2/NDF : 72.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

21.245+/-3.950 χ^2/NDF : 135.3/7

32.619+/-3.671 χ^2/NDF : 72.2/9

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 574.618 $\pm$ 6.965 χ^2 /NDF: 2081.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

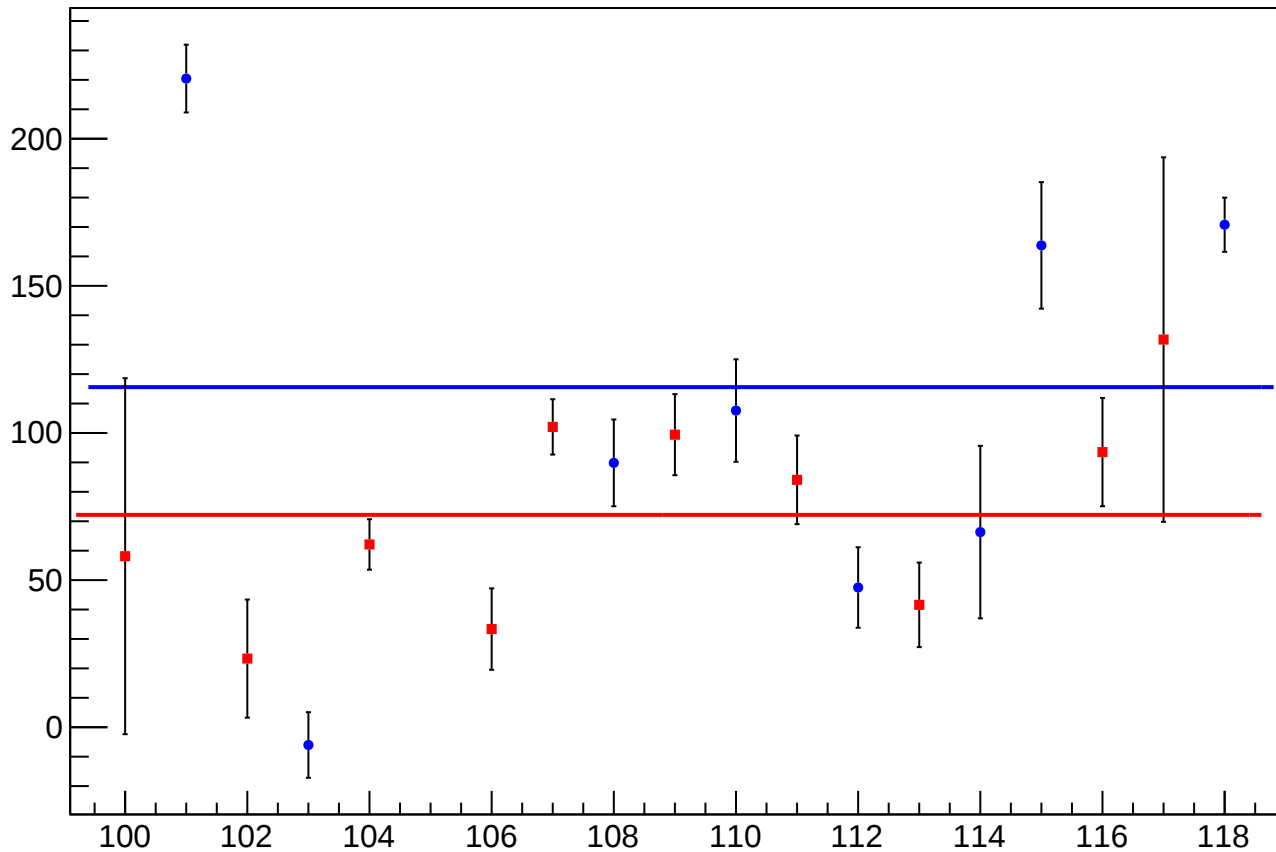
Right Out: 559.424 $\pm$ 6.235 χ^2 /NDF: 2356.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

574.618 $\pm$ 6.965 χ^2 /NDF: 2081.5/7

559.424 $\pm$ 6.235 χ^2 /NDF: 2356.9/9

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 115.584 $\pm$ 4.770 χ^2 /NDF: 273.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

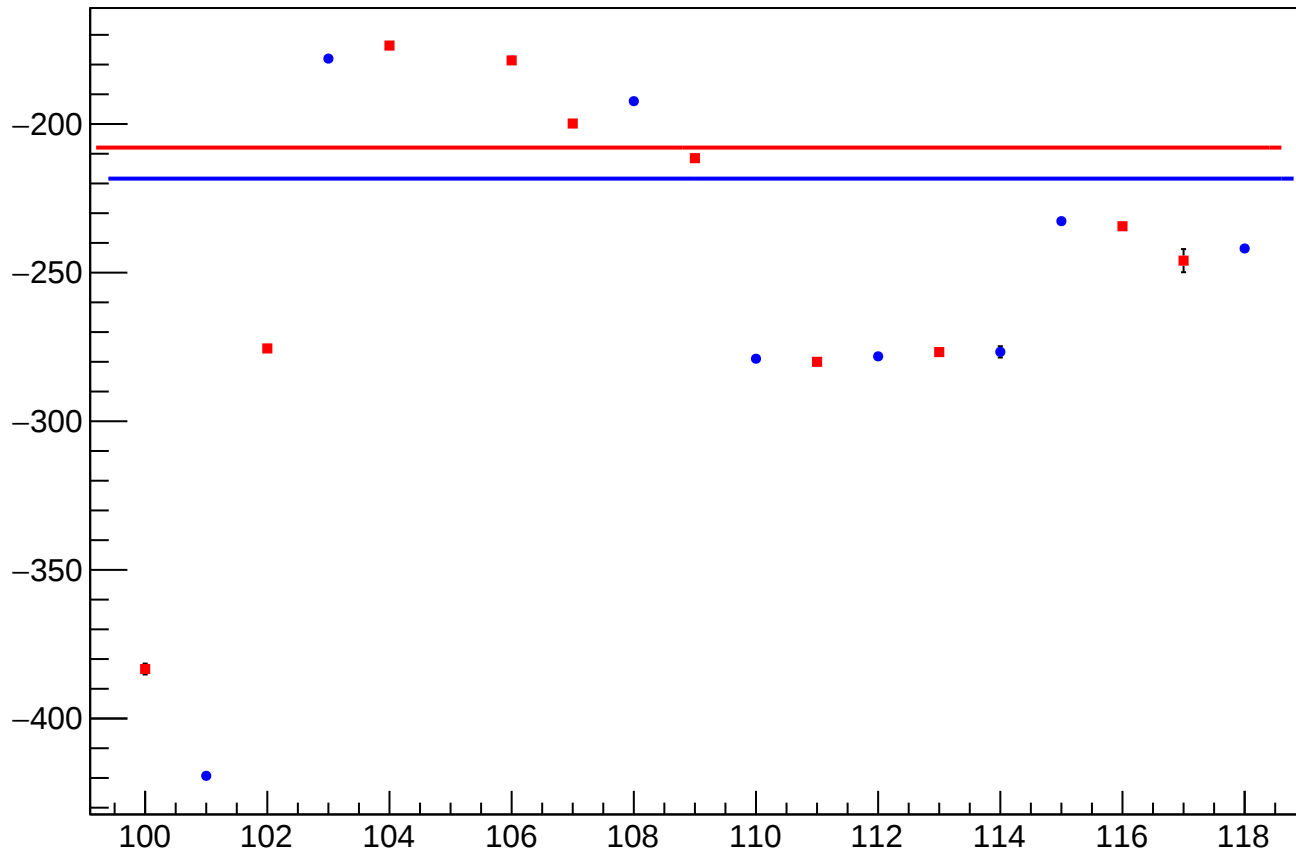
Right Out: 72.170 $\pm$ 4.444 χ^2 /NDF: 36.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

115.584 $\pm$ 4.770 χ^2 /NDF: 273.8/7

72.170 $\pm$ 4.444 χ^2 /NDF: 36.7/9

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -218.369+/-0.204 χ^2/NDF : 123380.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

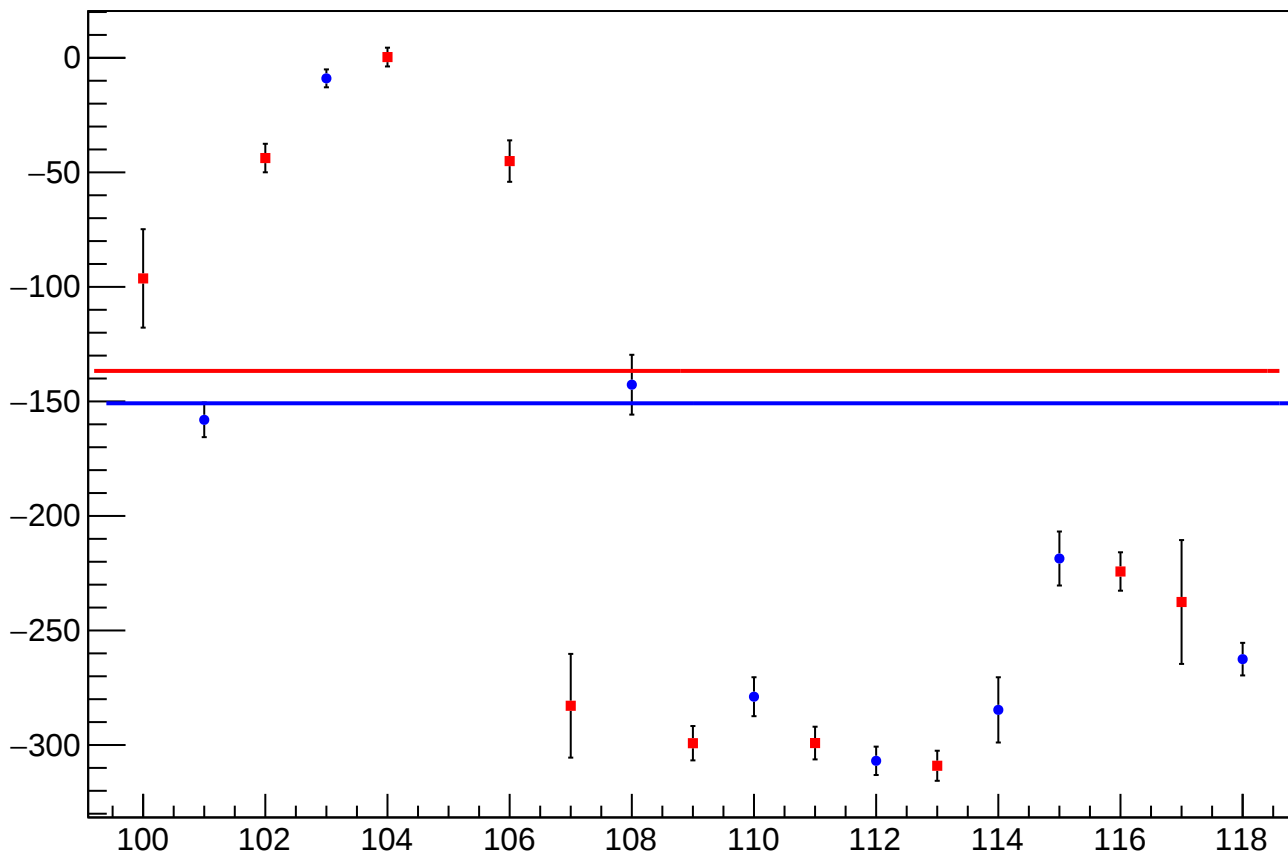
Right Out: -207.927+/-0.184 χ^2/NDF : 56464.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-218.369+/-0.204 χ^2/NDF : 123380.3/7

-207.927+/-0.184 χ^2/NDF : 56464.0/9

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug



Right In: -150.819+/-2.495 χ^2/NDF : 2547.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

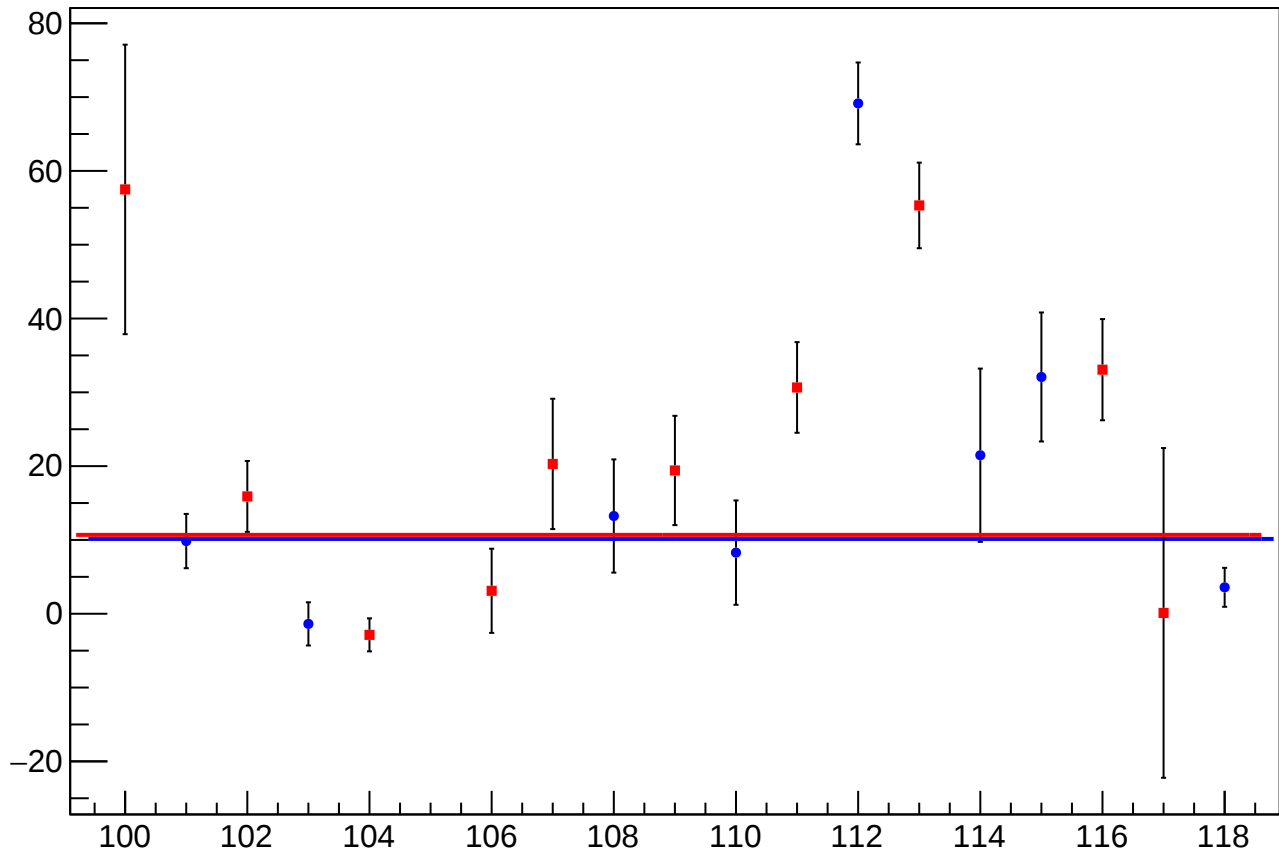
Right Out: -136.683+/-2.371 χ^2/NDF : 3287.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-150.819+/-2.495 χ^2/NDF : 2547.4/7

-136.683+/-2.371 χ^2/NDF : 3287.7/9

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 10.138+/-1.535 χ^2/NDF : 142.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

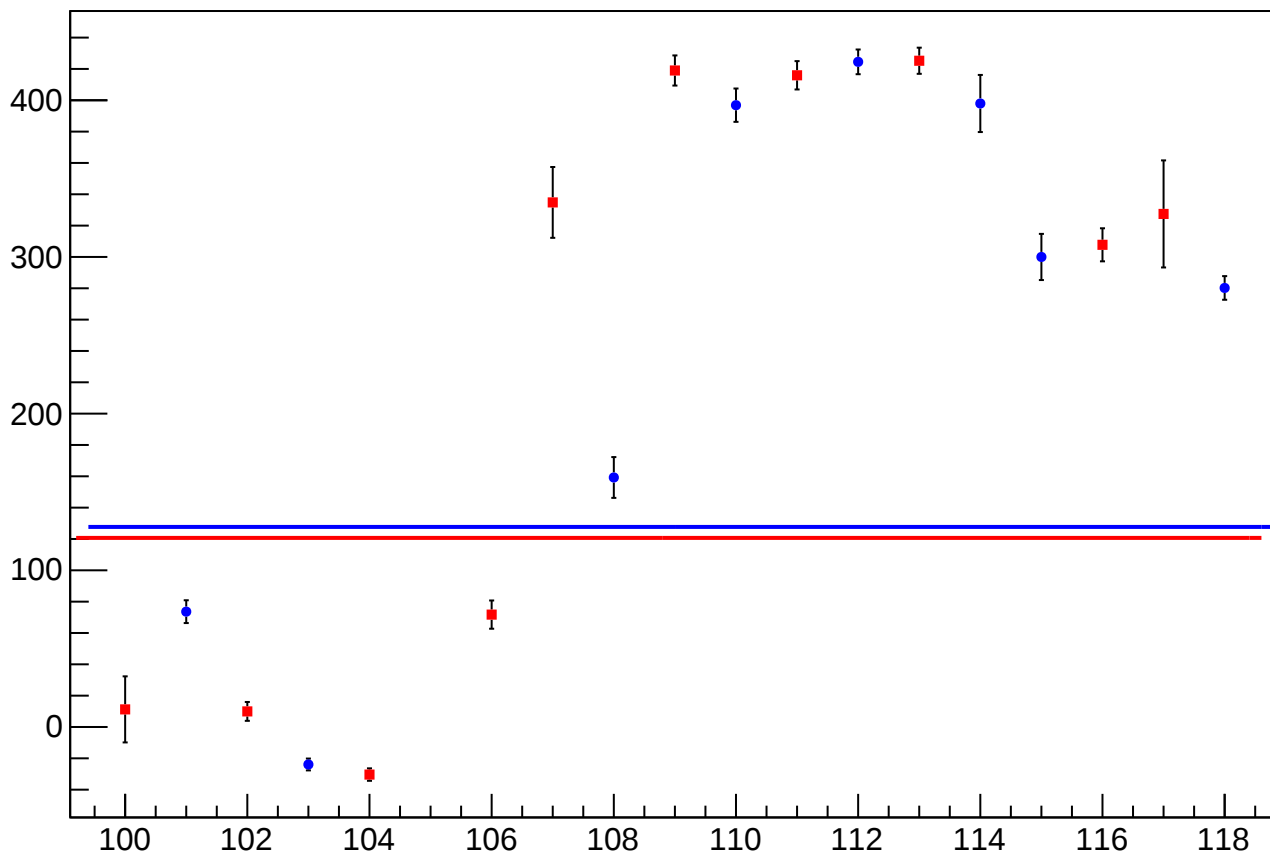
Right Out: 10.688+/-1.607 χ^2/NDF : 128.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.138+/-1.535 χ^2/NDF : 142.4/7

10.688+/-1.607 χ^2/NDF : 128.6/9

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 127.692 $\pm$ 2.628 χ^2 /NDF: 4489.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

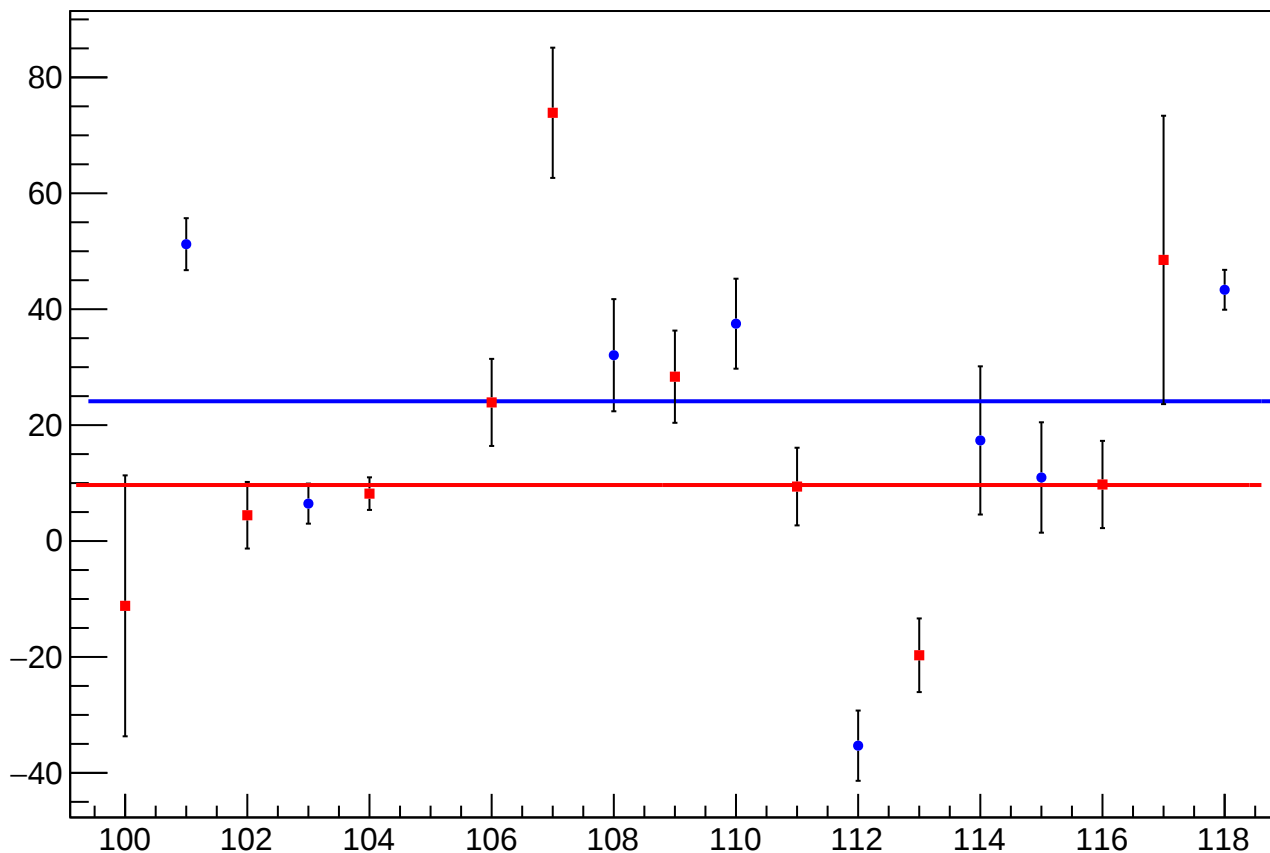
Right Out: 120.685 $\pm$ 2.542 χ^2 /NDF: 5642.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

127.692 $\pm$ 2.628 χ^2 /NDF: 4489.7/7

120.685 $\pm$ 2.542 χ^2 /NDF: 5642.4/9

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 24.117 $\pm$ 1.858 χ^2 /NDF: 195.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

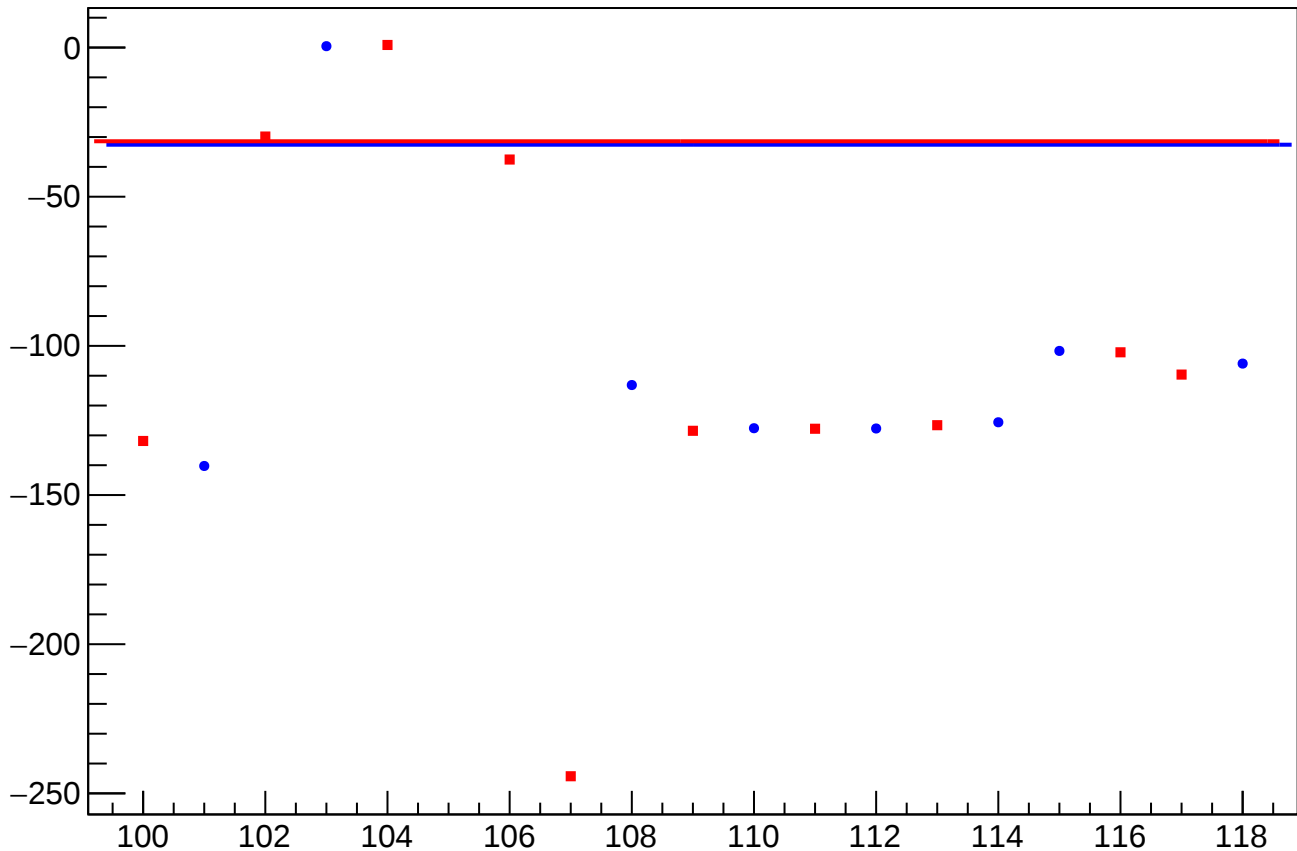
Right Out: 9.666 $\pm$ 1.937 χ^2 /NDF: 67.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.117 $\pm$ 1.858 χ^2 /NDF: 195.9/7

9.666 $\pm$ 1.937 χ^2 /NDF: 67.6/9

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -32.570+/-0.073 χ^2/NDF : 573590.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

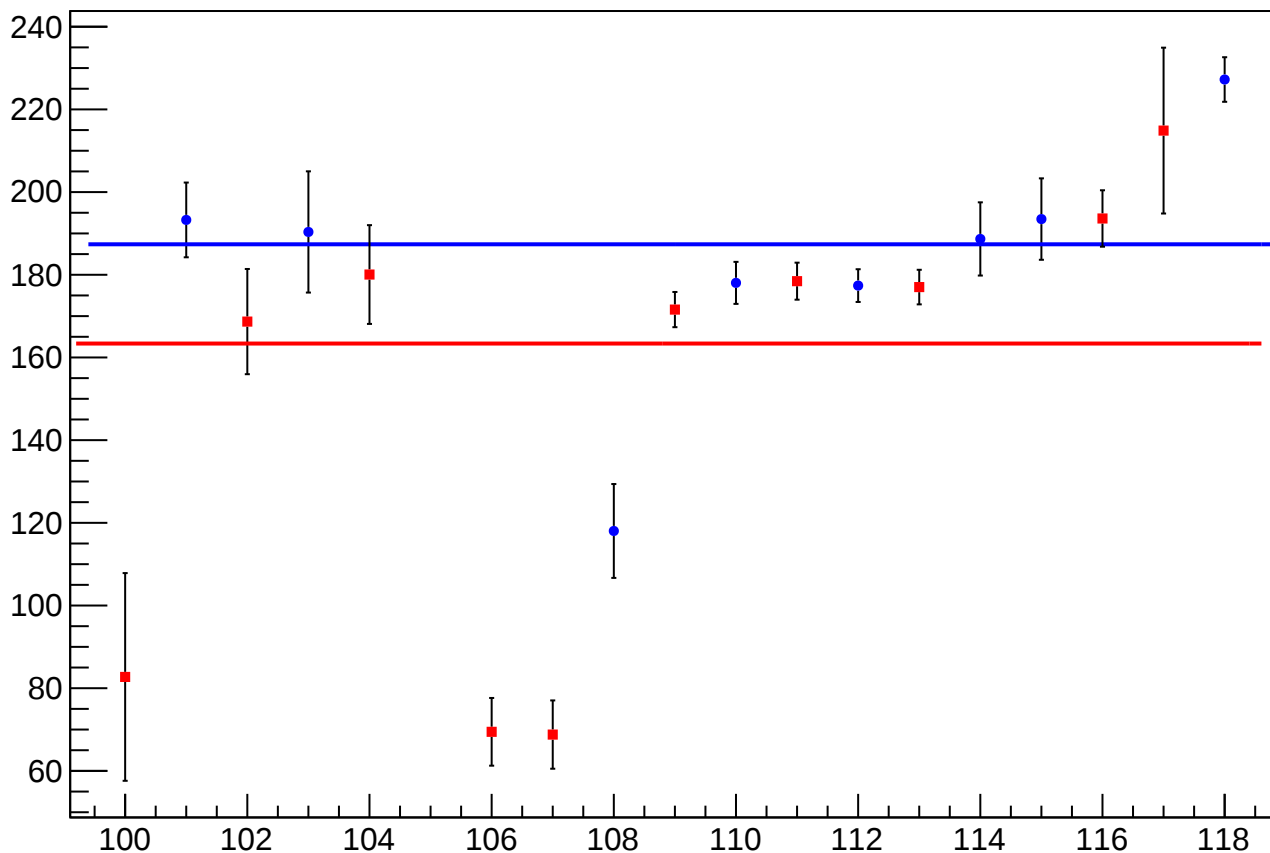
Right Out: -31.415+/-0.070 χ^2/NDF : 492358.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-32.570+/-0.073 χ^2/NDF : 573590.9/7

-31.415+/-0.070 χ^2/NDF : 492358.9/9

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug



Right In: 187.373 ± 2.327 χ^2/NDF : 102.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

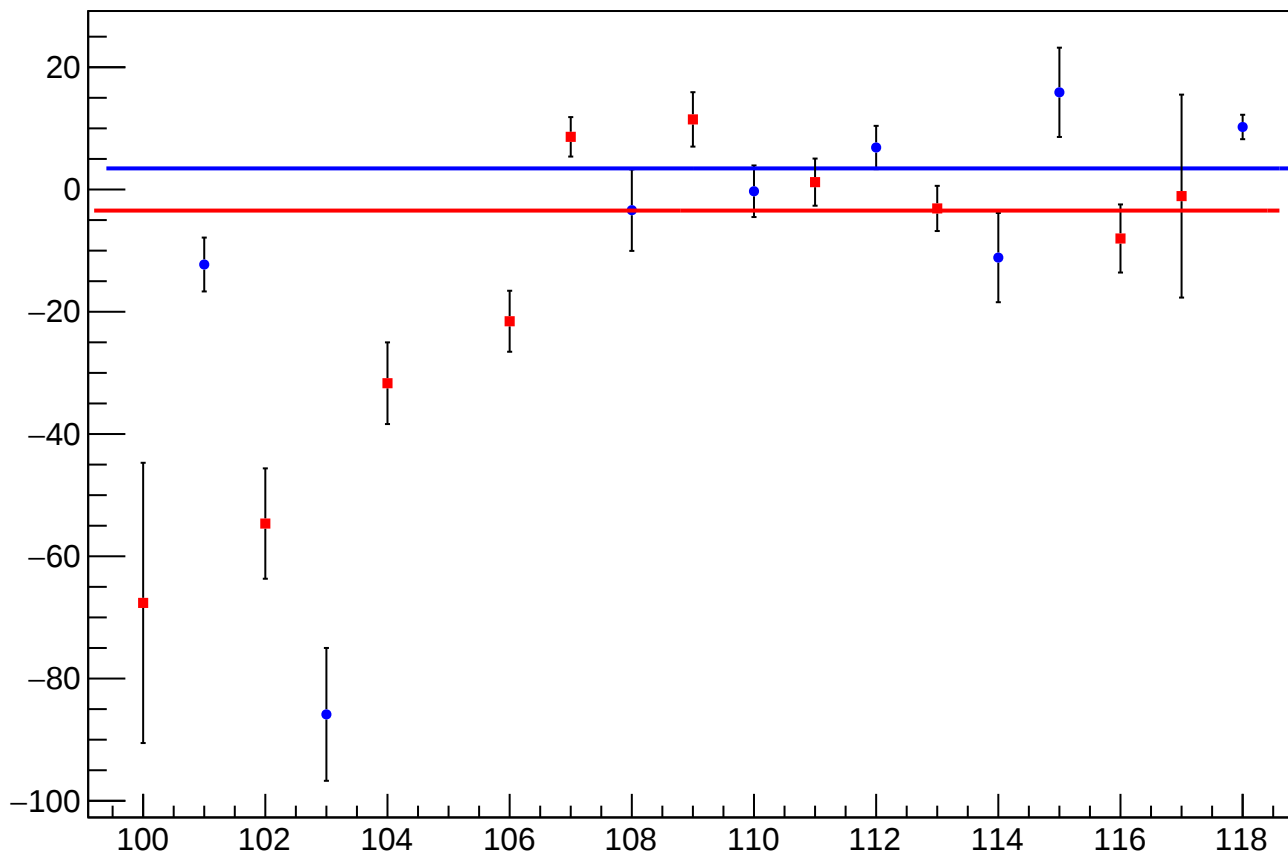
Right Out: 163.367 ± 2.083 χ^2/NDF : 327.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

187.373 ± 2.327 χ^2/NDF : 102.6/7

163.367 ± 2.083 χ^2/NDF : 327.1/9

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 3.451+/-1.405 χ^2/NDF : 101.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

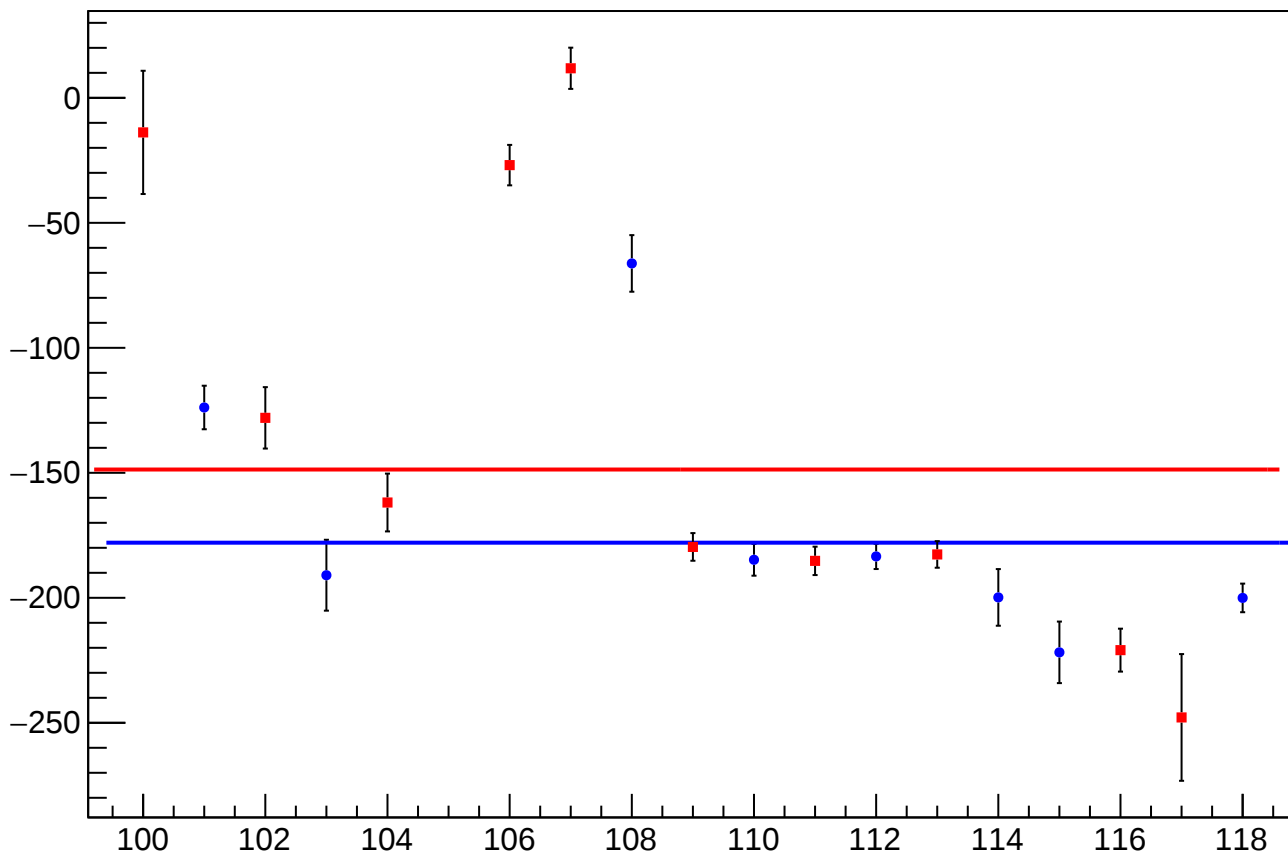
Right Out: -3.447+/-1.582 χ^2/NDF : 98.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.451+/-1.405 χ^2/NDF : 101.5/7

-3.447+/-1.582 χ^2/NDF : 98.4/9

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -177.950+/-2.722 χ^2/NDF : 170.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

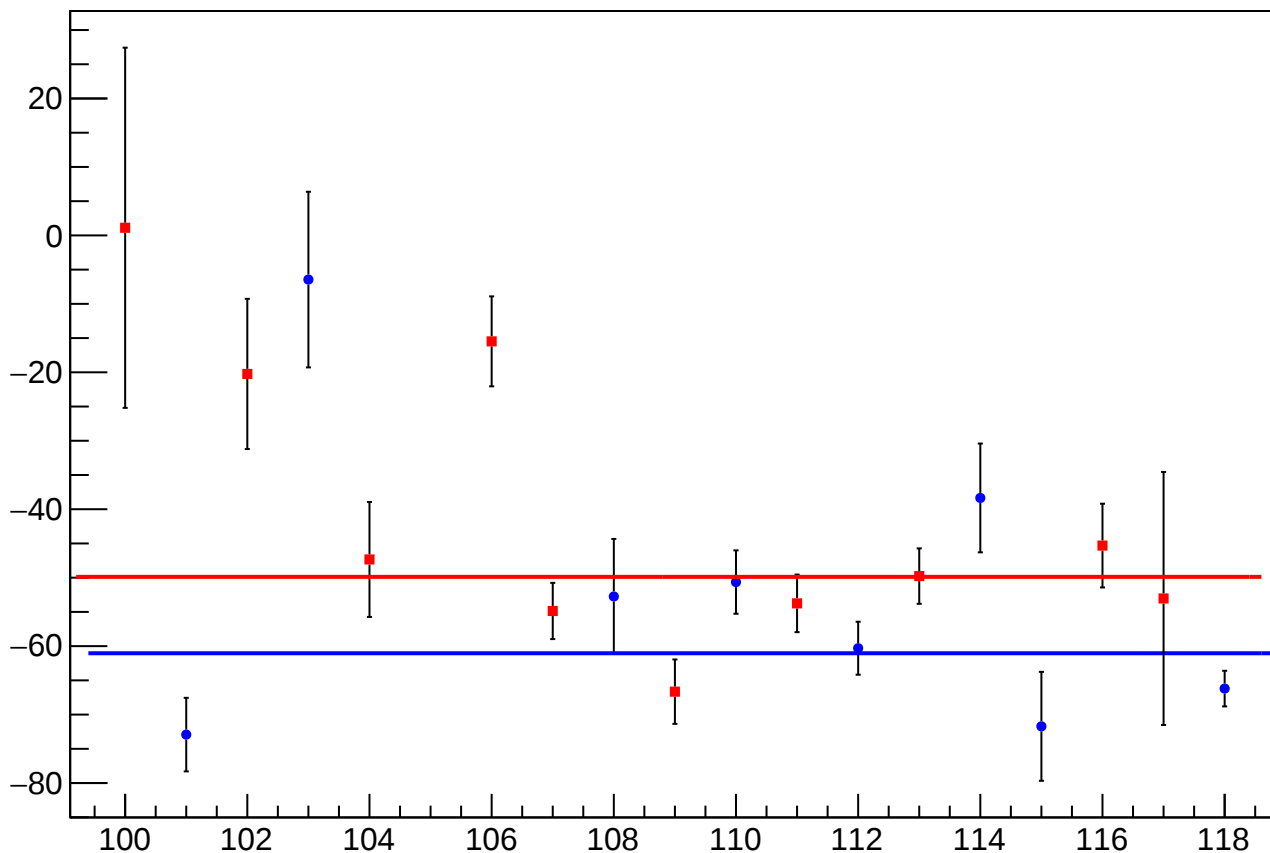
Right Out: -148.680+/-2.500 χ^2/NDF : 839.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-177.950+/-2.722 χ^2/NDF : 170.5/7

-148.680+/-2.500 χ^2/NDF : 839.3/9

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -61.040 ± 1.696 $\chi^2/\text{NDF}: 42.9/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

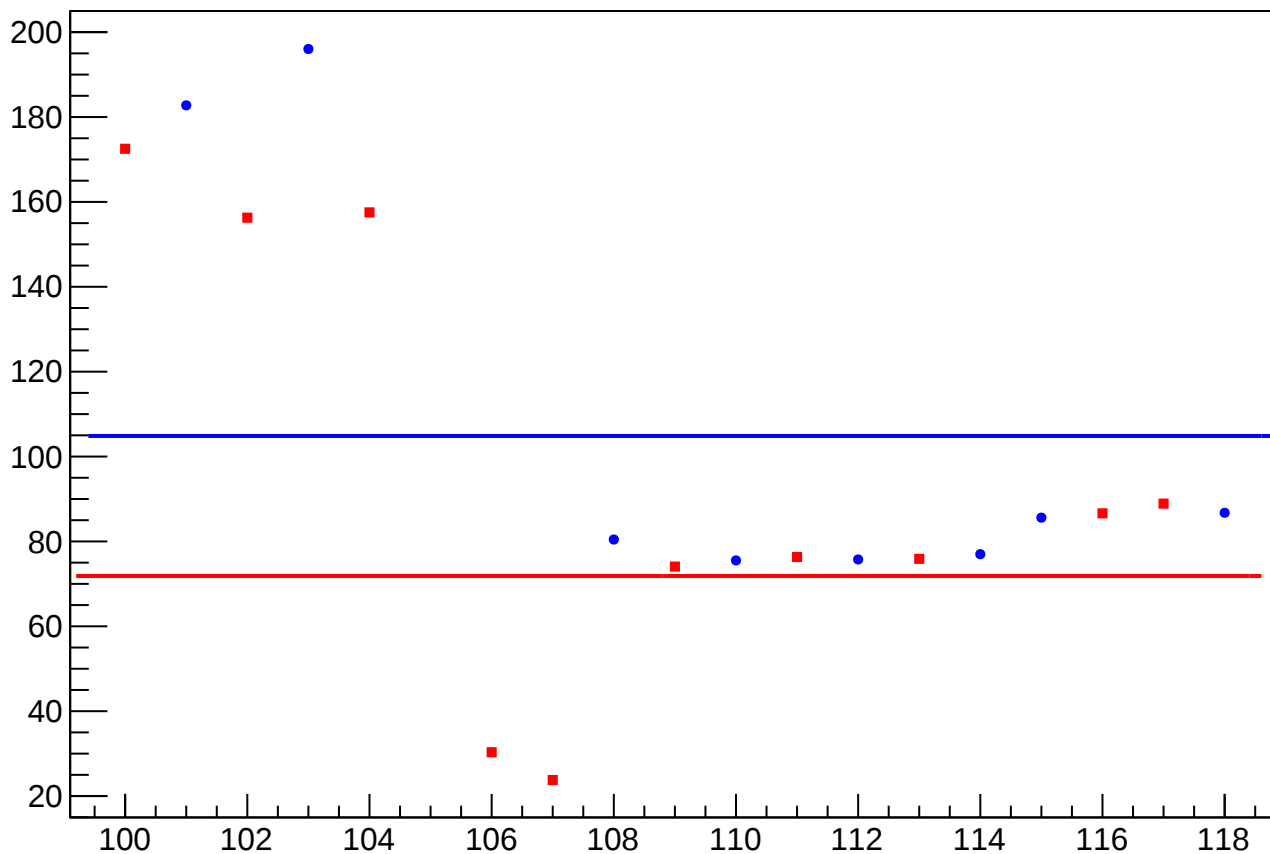
Right Out: -49.880 ± 1.829 $\chi^2/\text{NDF}: 54.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-61.040 ± 1.696 $\chi^2/\text{NDF}: 42.9/7$

-49.880 ± 1.829 $\chi^2/\text{NDF}: 54.2/9$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 104.853+/-0.106 χ^2/NDF : 186937.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

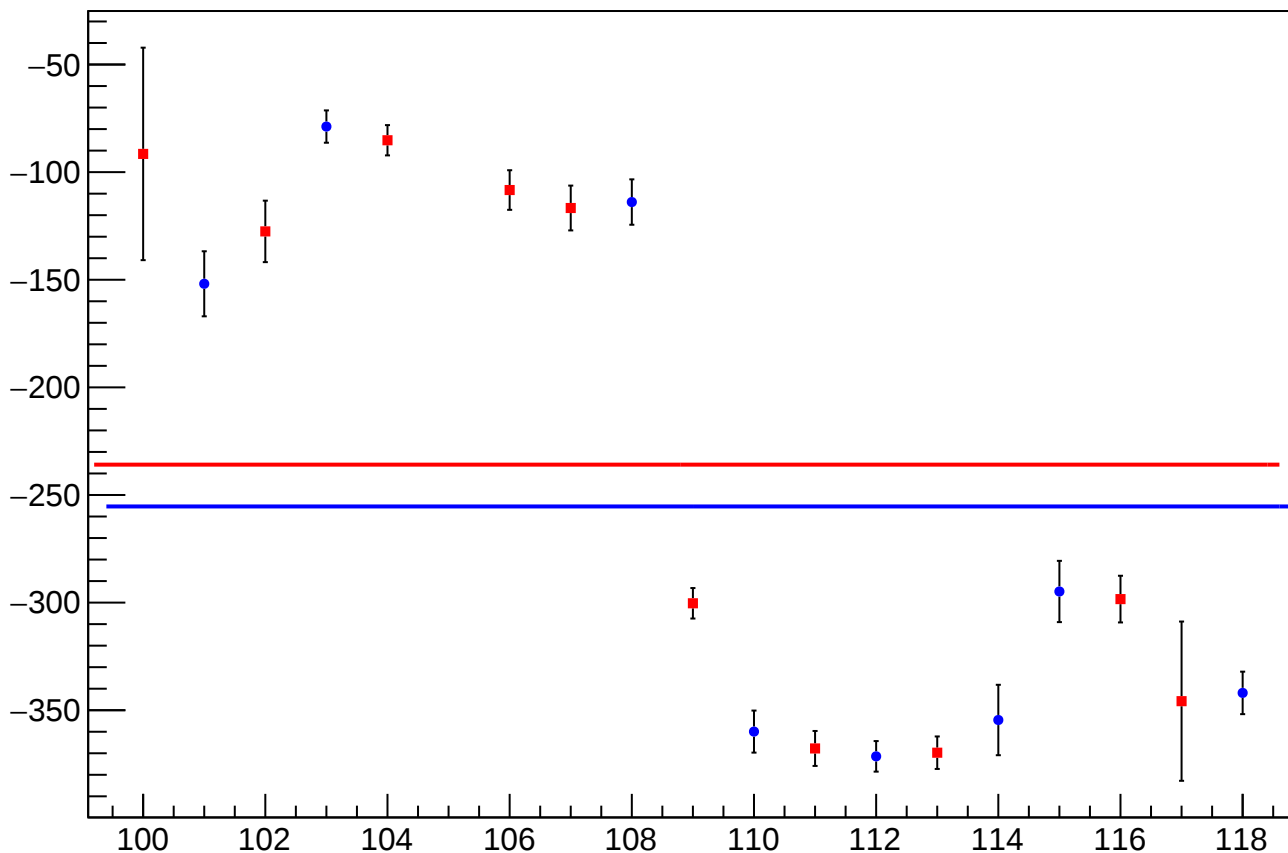
Right Out: 71.860+/-0.087 χ^2/NDF : 296172.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

104.853+/-0.106 χ^2/NDF : 186937.9/7

71.860+/-0.087 χ^2/NDF : 296172.1/9

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug



Right In: -255.326+/-3.528 χ^2/NDF : 1282.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

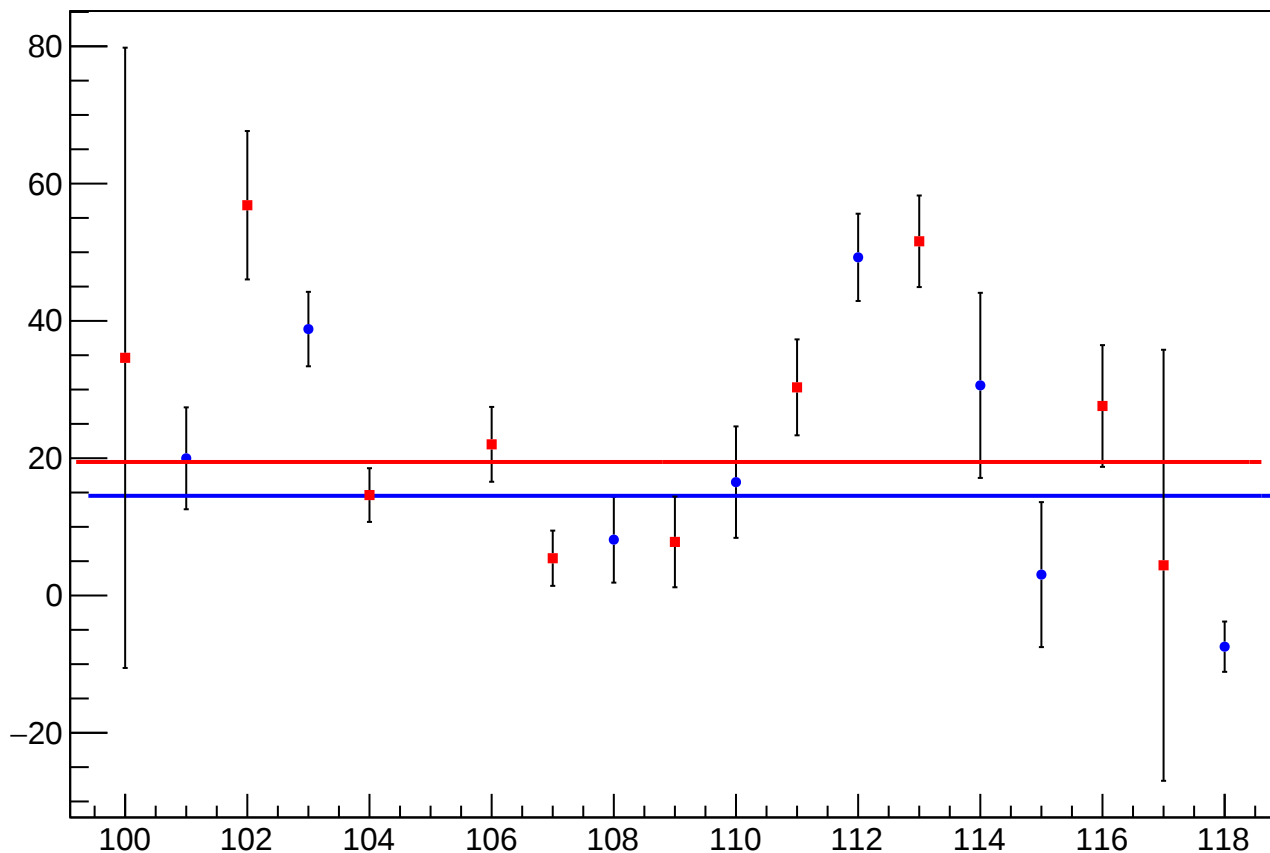
Right Out: -235.901+/-3.037 χ^2/NDF : 1551.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-255.326+/-3.528 χ^2/NDF : 1282.5/7

-235.901+/-3.037 χ^2/NDF : 1551.1/9

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 14.521+/-2.200 χ^2/NDF : 90.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

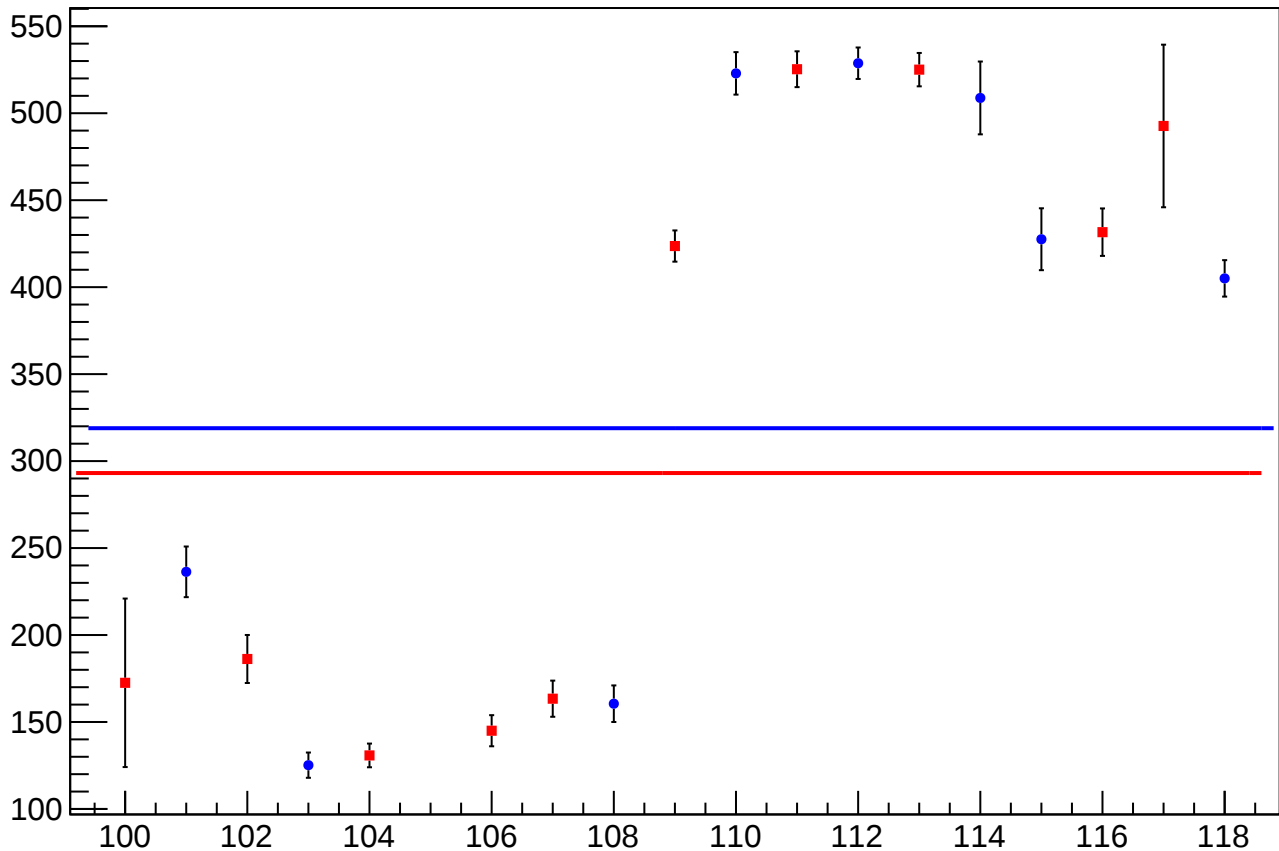
Right Out: 19.450+/-2.002 χ^2/NDF : 55.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.521+/-2.200 χ^2/NDF : 90.2/7

19.450+/-2.002 χ^2/NDF : 55.8/9

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 318.906 $\pm$ 3.887 χ^2 /NDF: 1974.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

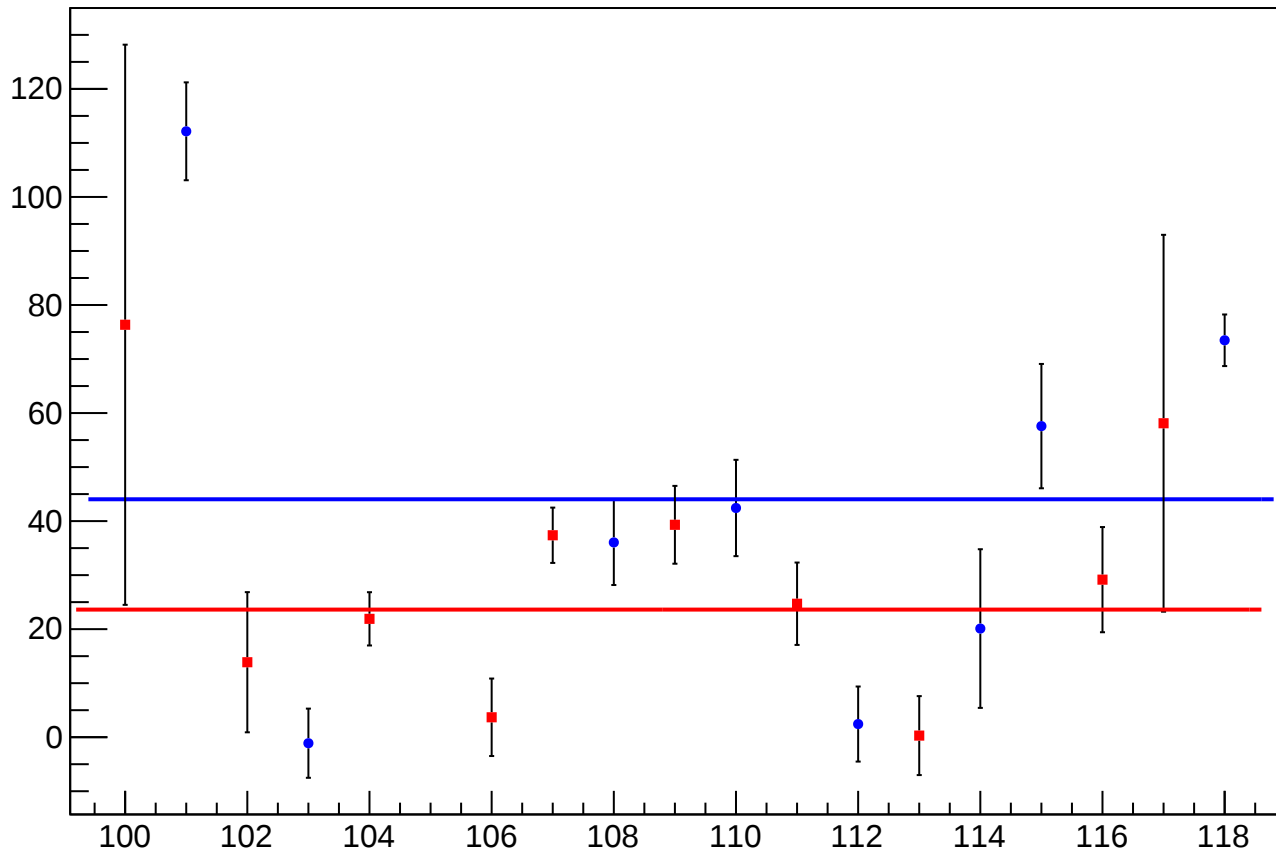
Right Out: 293.127 $\pm$ 3.380 χ^2 /NDF: 2489.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

318.906 $\pm$ 3.887 χ^2 /NDF: 1974.8/7

293.127 $\pm$ 3.380 χ^2 /NDF: 2489.5/9

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 44.039 $\pm$ 2.654 χ^2 /NDF: 185.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

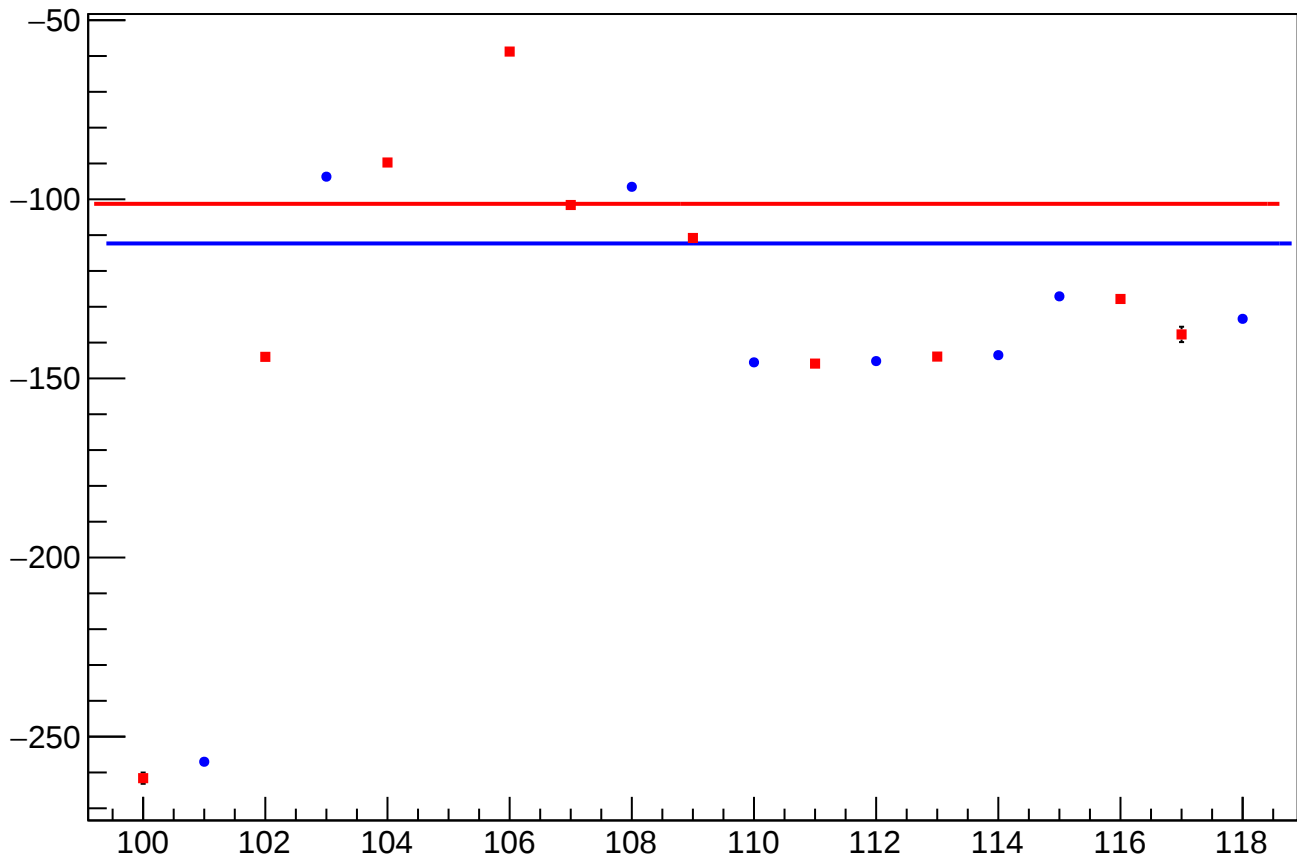
Right Out: 23.620 $\pm$ 2.414 χ^2 /NDF: 32.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

44.039 $\pm$ 2.654 χ^2 /NDF: 185.2/7

23.620 $\pm$ 2.414 χ^2 /NDF: 32.9/9

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -112.324+/-0.115 χ^2/NDF : 106778.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

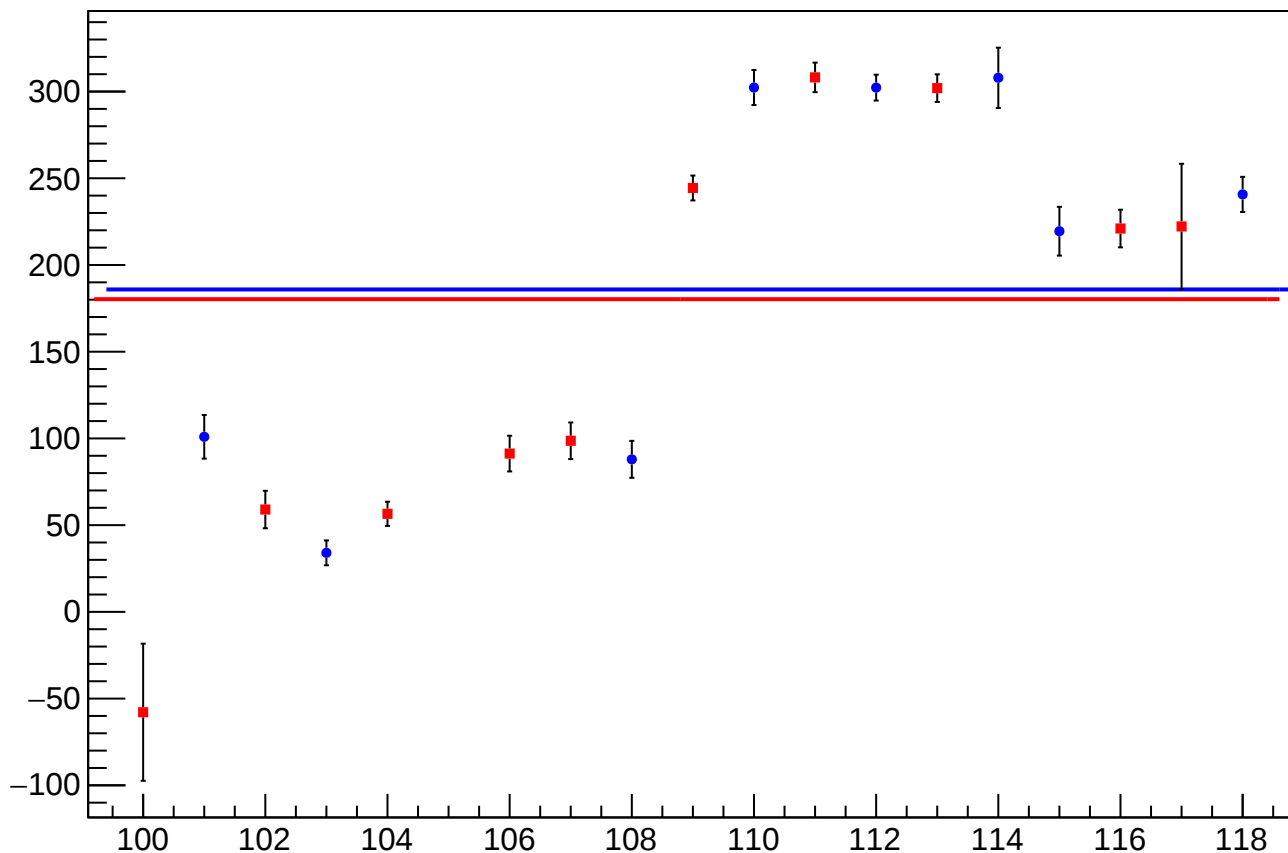
Right Out: -101.265+/-0.101 χ^2/NDF : 83225.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-112.324+/-0.115 χ^2/NDF : 106778.7/7

-101.265+/-0.101 χ^2/NDF : 83225.0/9

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug



Right In: 185.897 $\pm$ 3.525 χ^2 /NDF: 1038.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

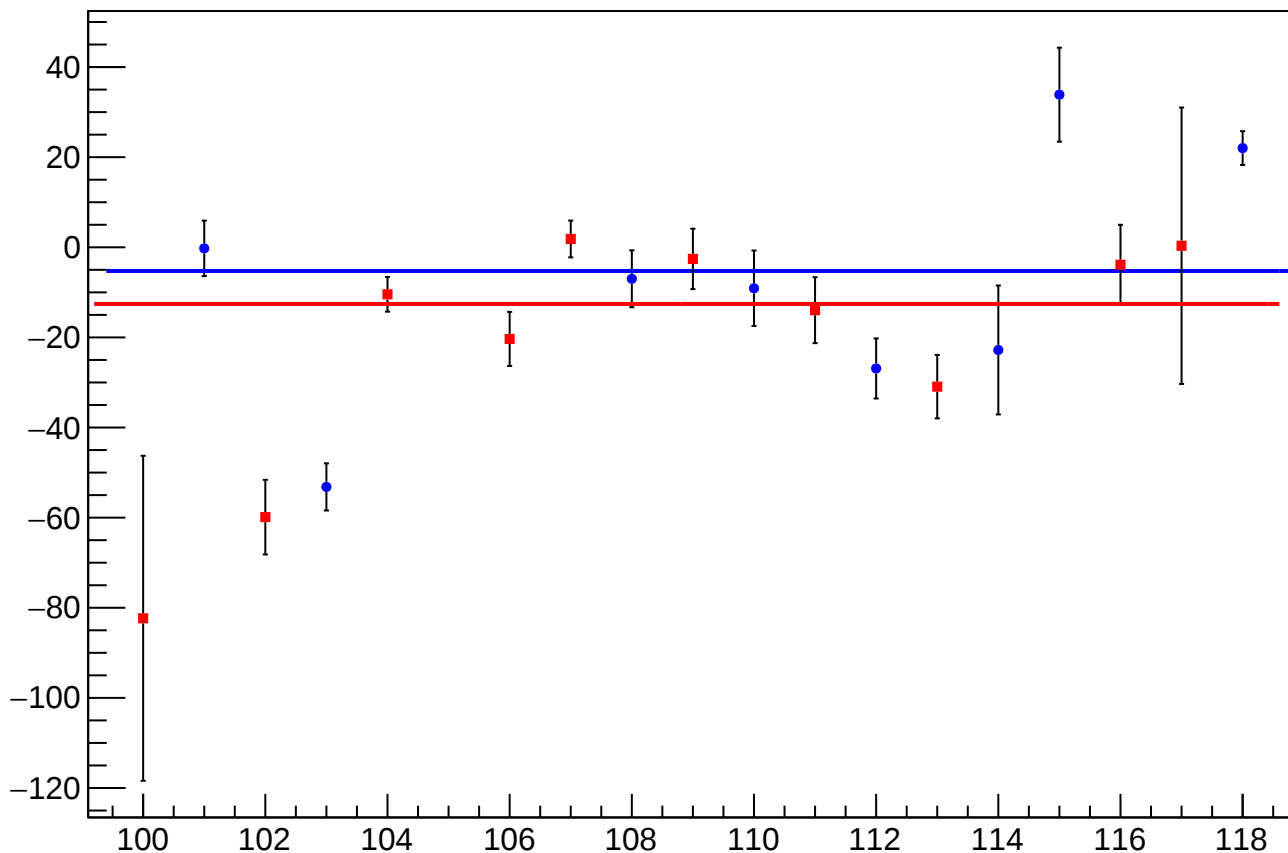
Right Out: 180.301 $\pm$ 3.065 χ^2 /NDF: 1166.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

185.897 $\pm$ 3.525 χ^2 /NDF: 1038.9/7

180.301 $\pm$ 3.065 χ^2 /NDF: 1166.2/9

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -5.253+/-2.185 χ^2 /NDF: 163.5/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

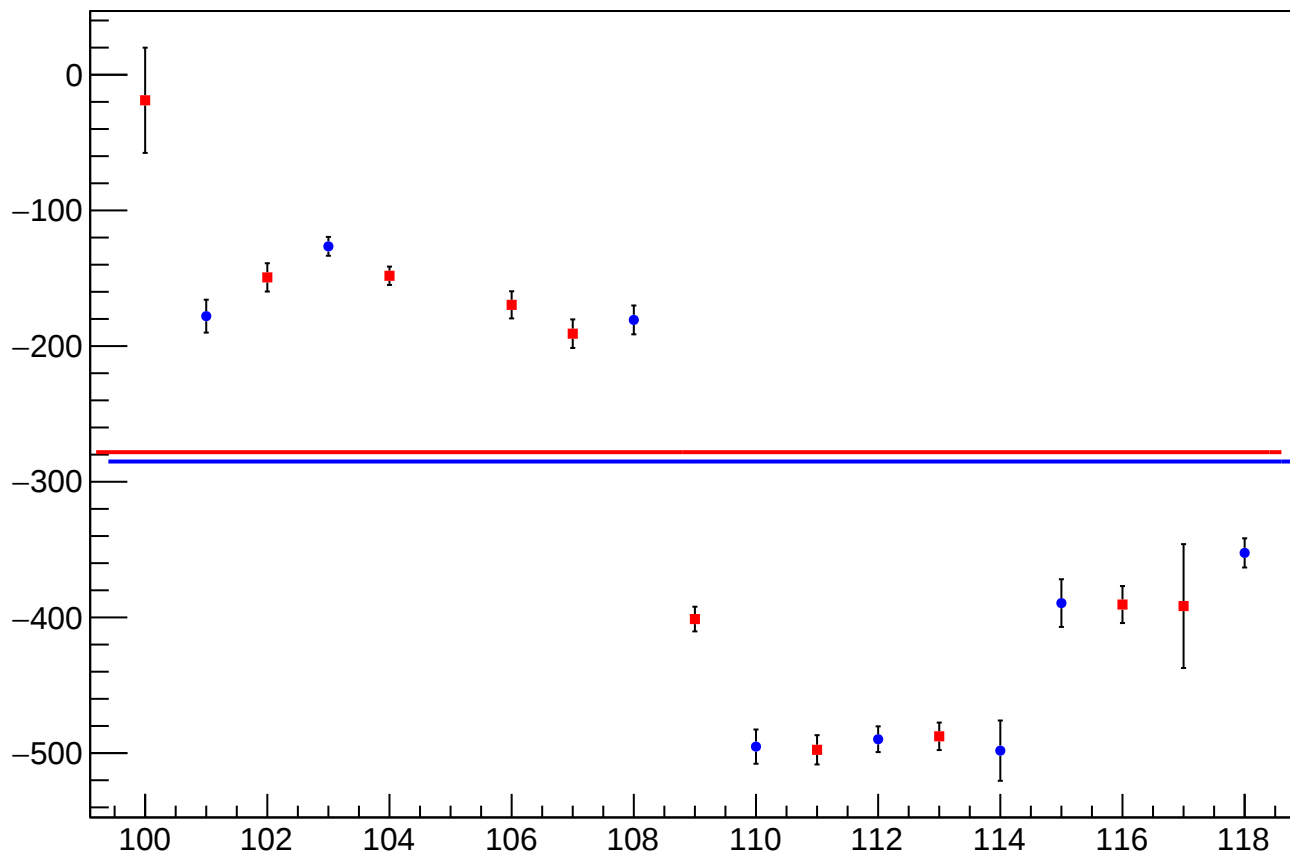
Right Out: -12.571+/-2.019 χ^2 /NDF: 61.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.253+/-2.185 χ^2 /NDF: 163.5/7

-12.571+/-2.019 χ^2 /NDF: 61.0/9

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -285.078+/-3.843 χ^2 /NDF: 1605.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

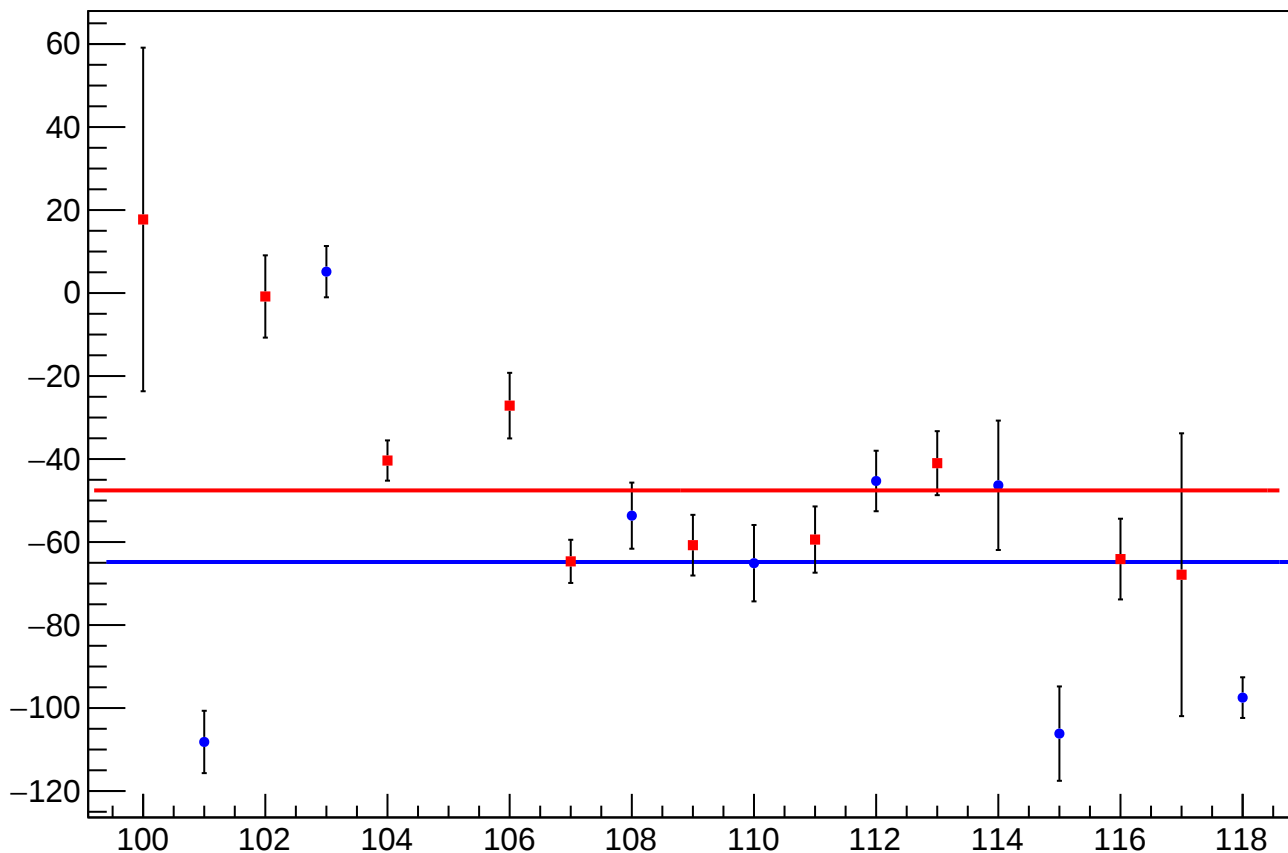
Right Out: -278.191+/-3.389 χ^2 /NDF: 1852.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-285.078+/-3.843 χ^2 /NDF: 1605.6/7

-278.191+/-3.389 χ^2 /NDF: 1852.7/9

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -64.809 ± 2.637 $\chi^2/\text{NDF}: 229.8/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

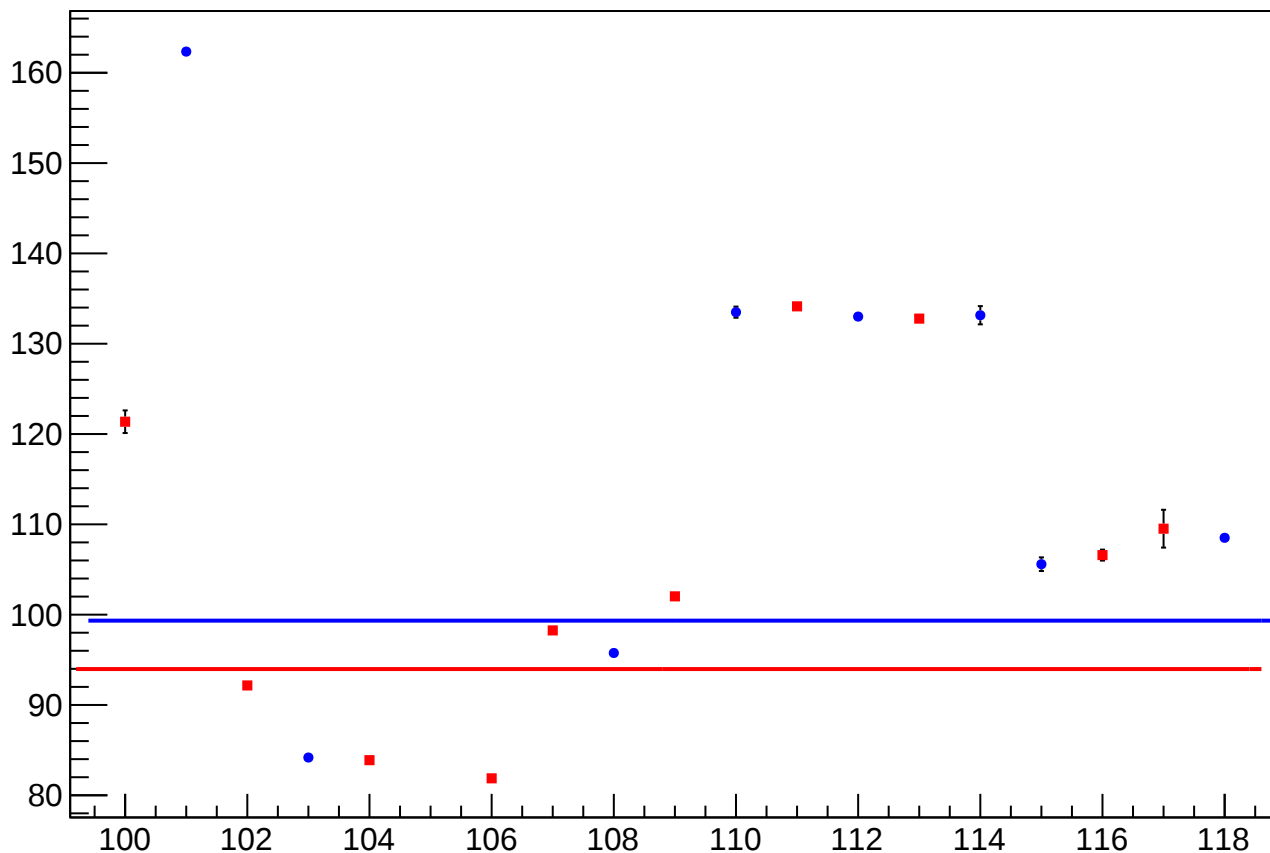
Right Out: -47.561 ± 2.433 $\chi^2/\text{NDF}: 53.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-64.809 ± 2.637 $\chi^2/\text{NDF}: 229.8/7$

-47.561 ± 2.433 $\chi^2/\text{NDF}: 53.8/9$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 99.338 $\pm$ 0.112 χ^2 /NDF: 41231.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

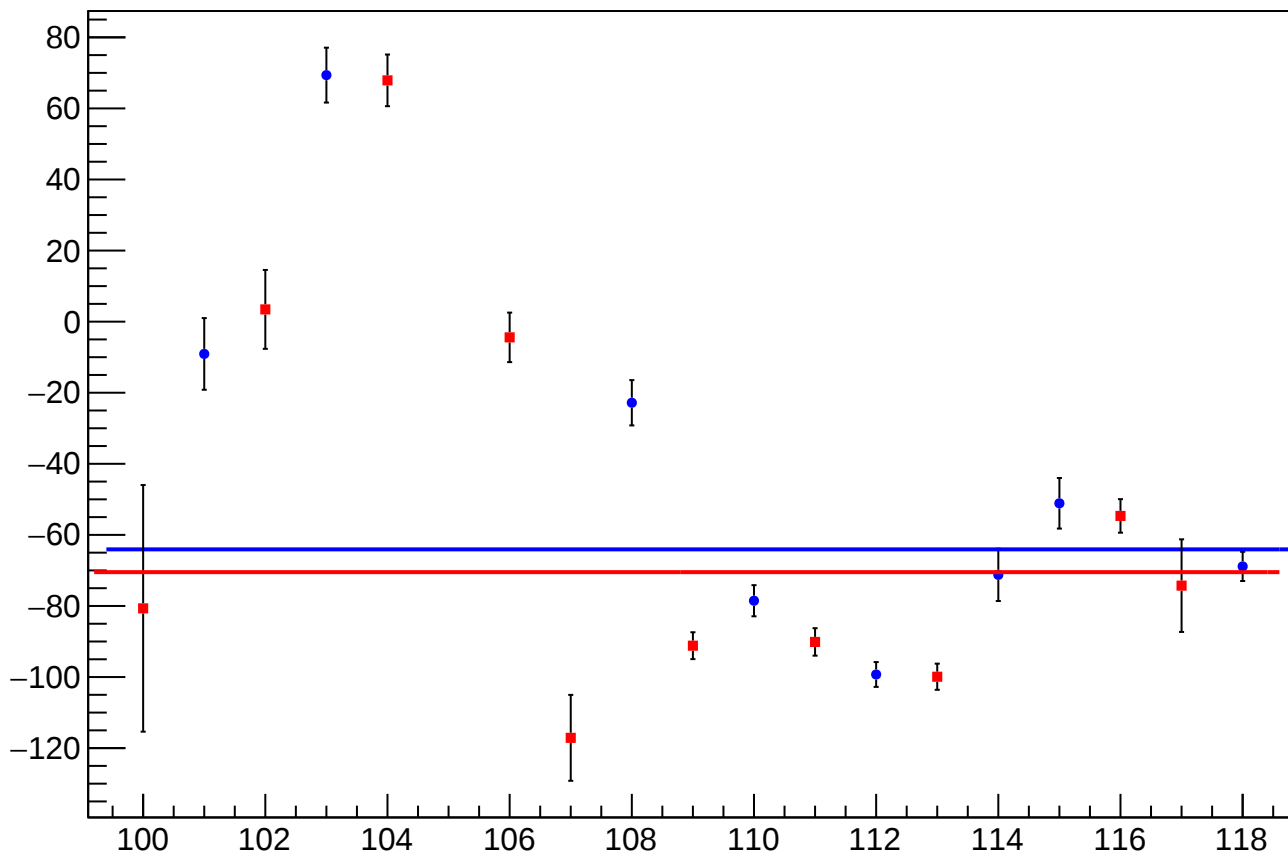
Right Out: 93.977 $\pm$ 0.099 χ^2 /NDF: 20790.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

99.338 $\pm$ 0.112 χ^2 /NDF: 41231.0/7

93.977 $\pm$ 0.099 χ^2 /NDF: 20790.9/9

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug



Right In: -64.077+/-1.882 χ^2/NDF : 488.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

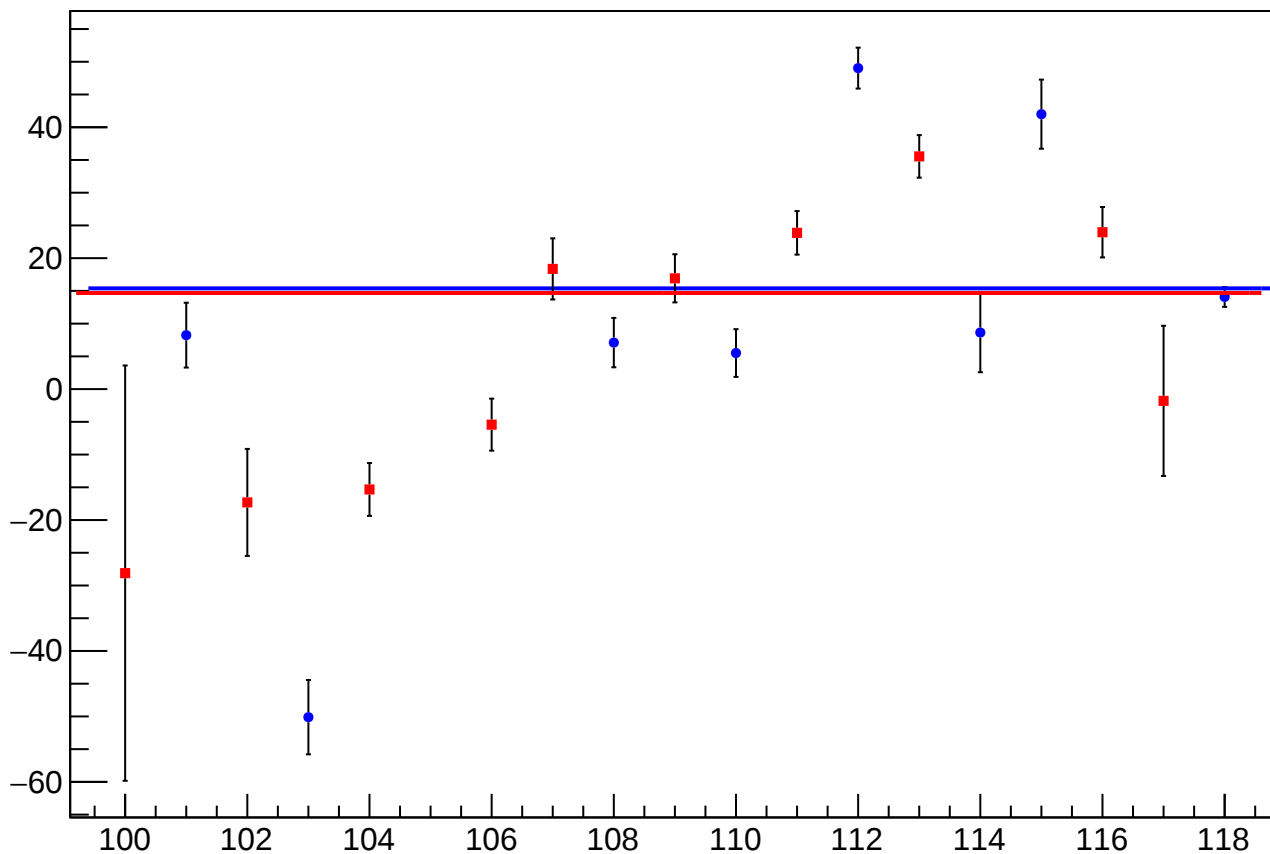
Right Out: -70.484+/-1.776 χ^2/NDF : 642.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-64.077+/-1.882 χ^2/NDF : 488.1/7

-70.484+/-1.776 χ^2/NDF : 642.6/9

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 15.386+/-1.106 χ^2/NDF : 290.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

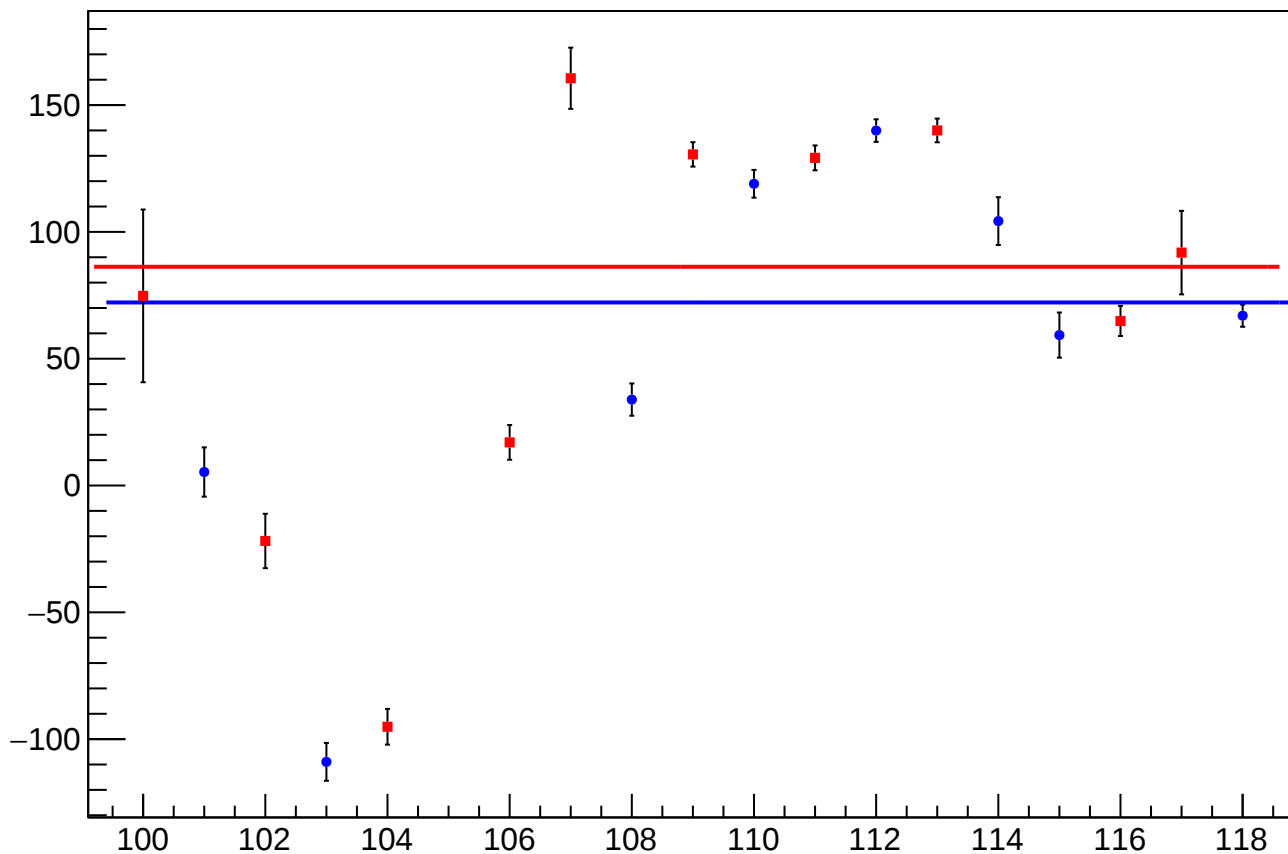
Right Out: 14.683+/-1.386 χ^2/NDF : 155.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

15.386+/-1.106 χ^2/NDF : 290.6/7

14.683+/-1.386 χ^2/NDF : 155.8/9

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 72.181+/-2.165 χ^2/NDF : 991.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

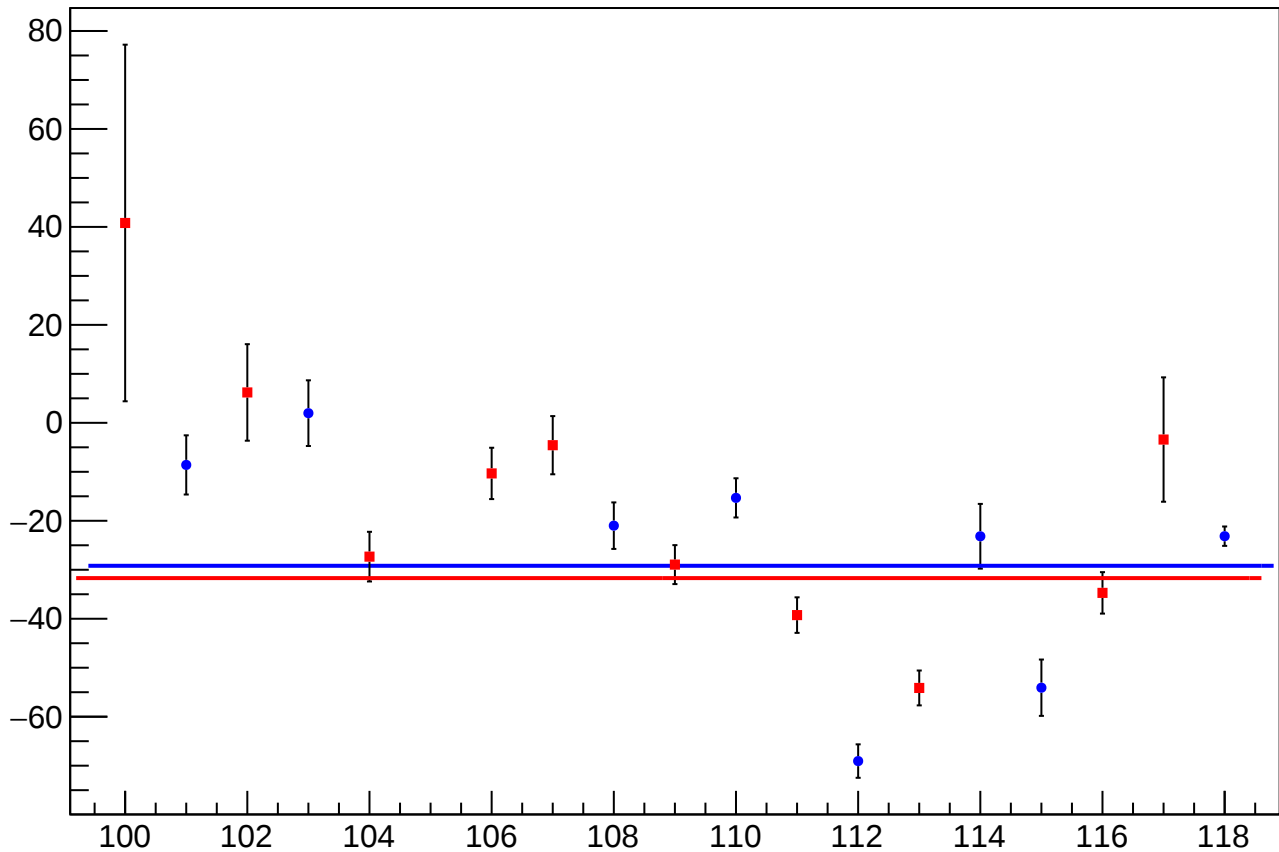
Right Out: 86.246+/-2.129 χ^2/NDF : 1212.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

72.181+/-2.165 χ^2/NDF : 991.4/7

86.246+/-2.129 χ^2/NDF : 1212.4/9

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -29.188 ± 1.347 χ^2/NDF : 213.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

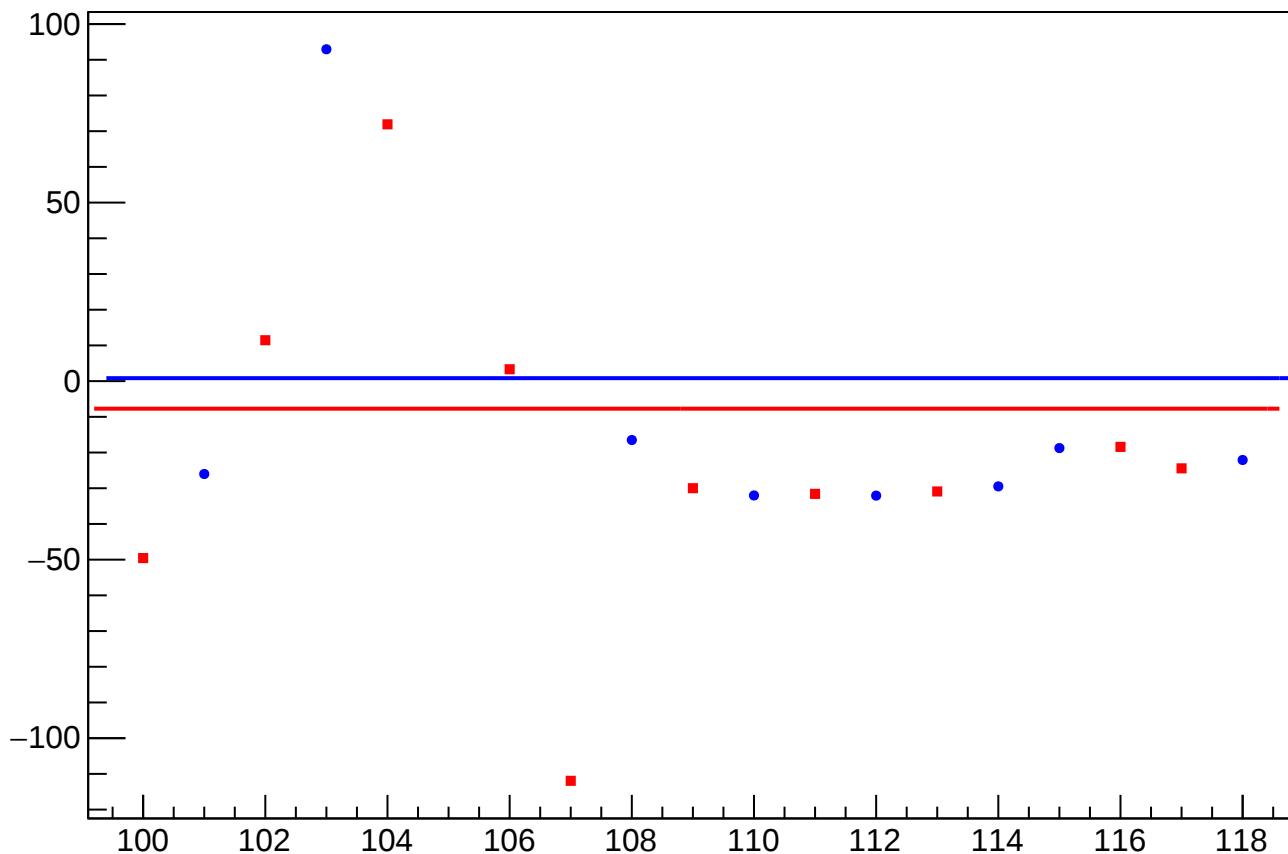
Right Out: -31.702 ± 1.591 χ^2/NDF : 107.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-29.188 ± 1.347 χ^2/NDF : 213.4/7

-31.702 ± 1.591 χ^2/NDF : 107.0/9

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: 0.829+/-0.076 χ^2/NDF : 386885.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

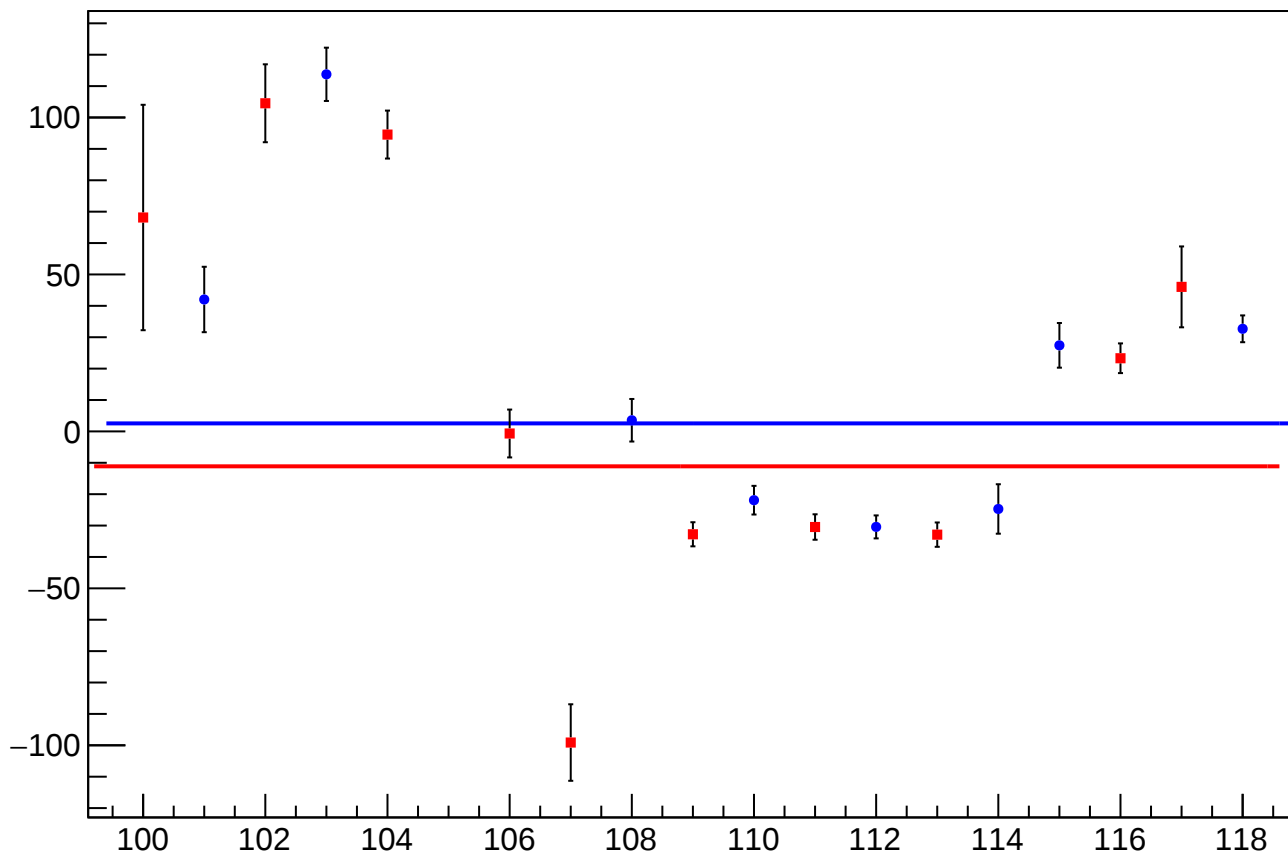
Right Out: -7.719+/-0.075 χ^2/NDF : 388763.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.829+/-0.076 χ^2/NDF : 386885.2/7

-7.719+/-0.075 χ^2/NDF : 388763.3/9

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug



Right In: 2.549+/-1.968 χ^2/NDF : 369.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

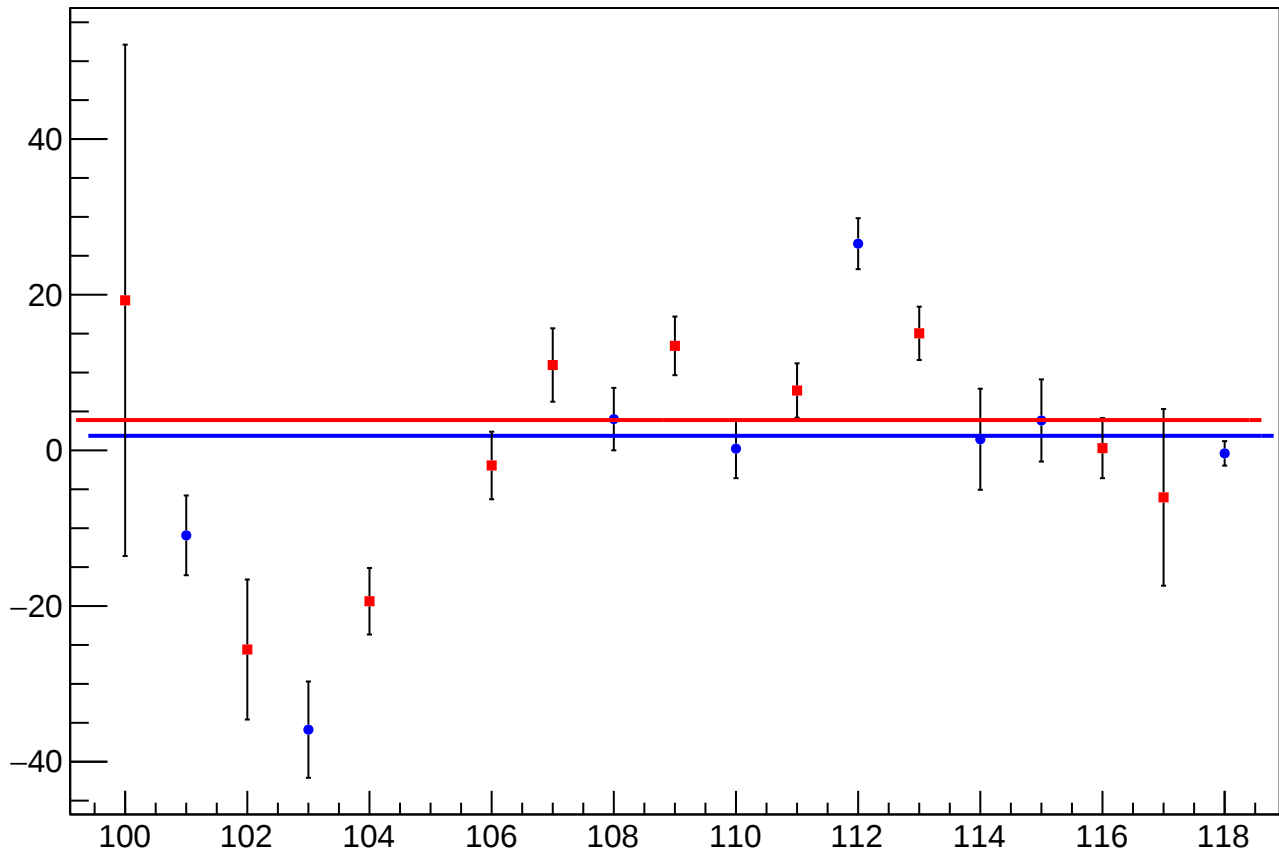
Right Out: -11.127+/-1.844 χ^2/NDF : 495.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.549+/-1.968 χ^2/NDF : 369.8/7

-11.127+/-1.844 χ^2/NDF : 495.7/9

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: 1.871+/-1.153 χ^2/NDF : 103.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

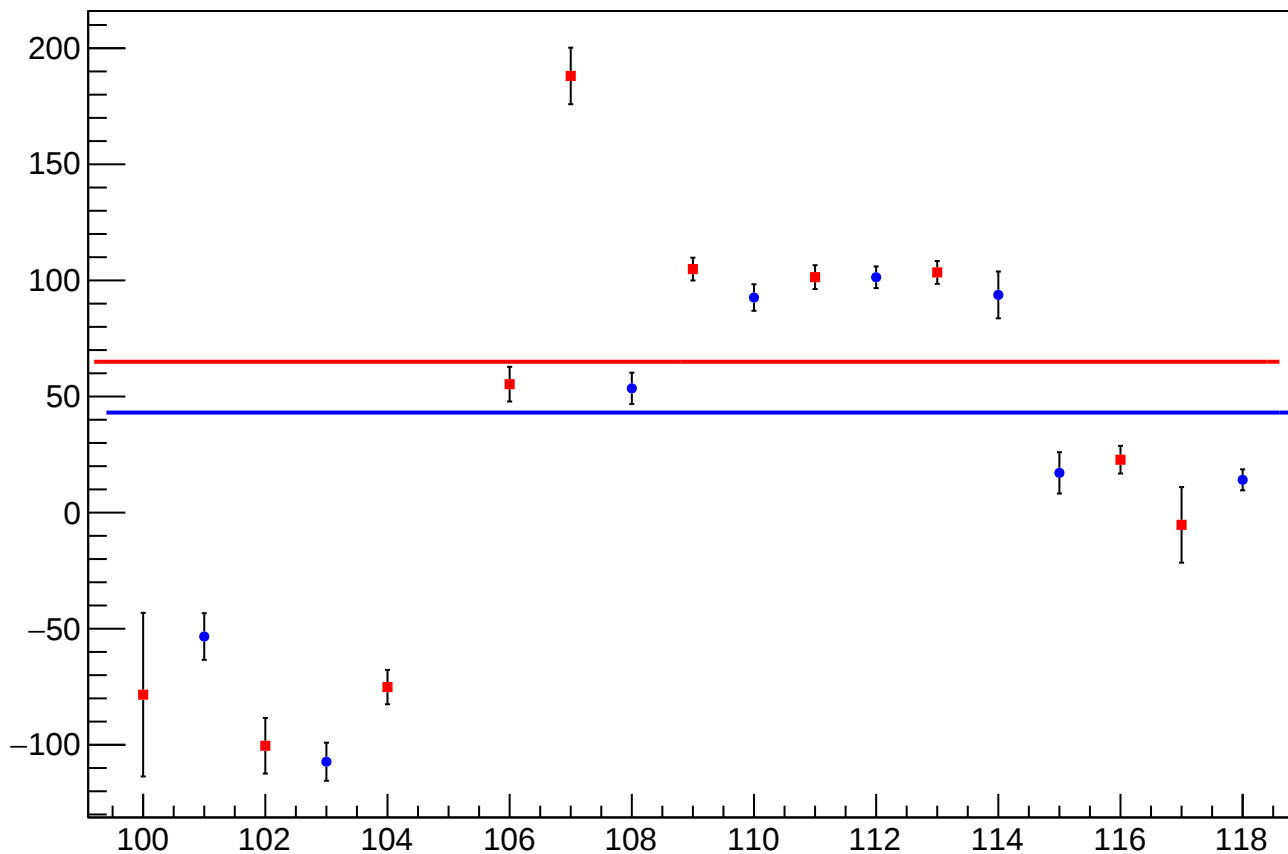
Right Out: 3.895+/-1.445 χ^2/NDF : 64.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.871+/-1.153 χ^2/NDF : 103.0/7

3.895+/-1.445 χ^2/NDF : 64.5/9

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 43.090 $\pm$ 2.267 χ^2 /NDF: 736.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

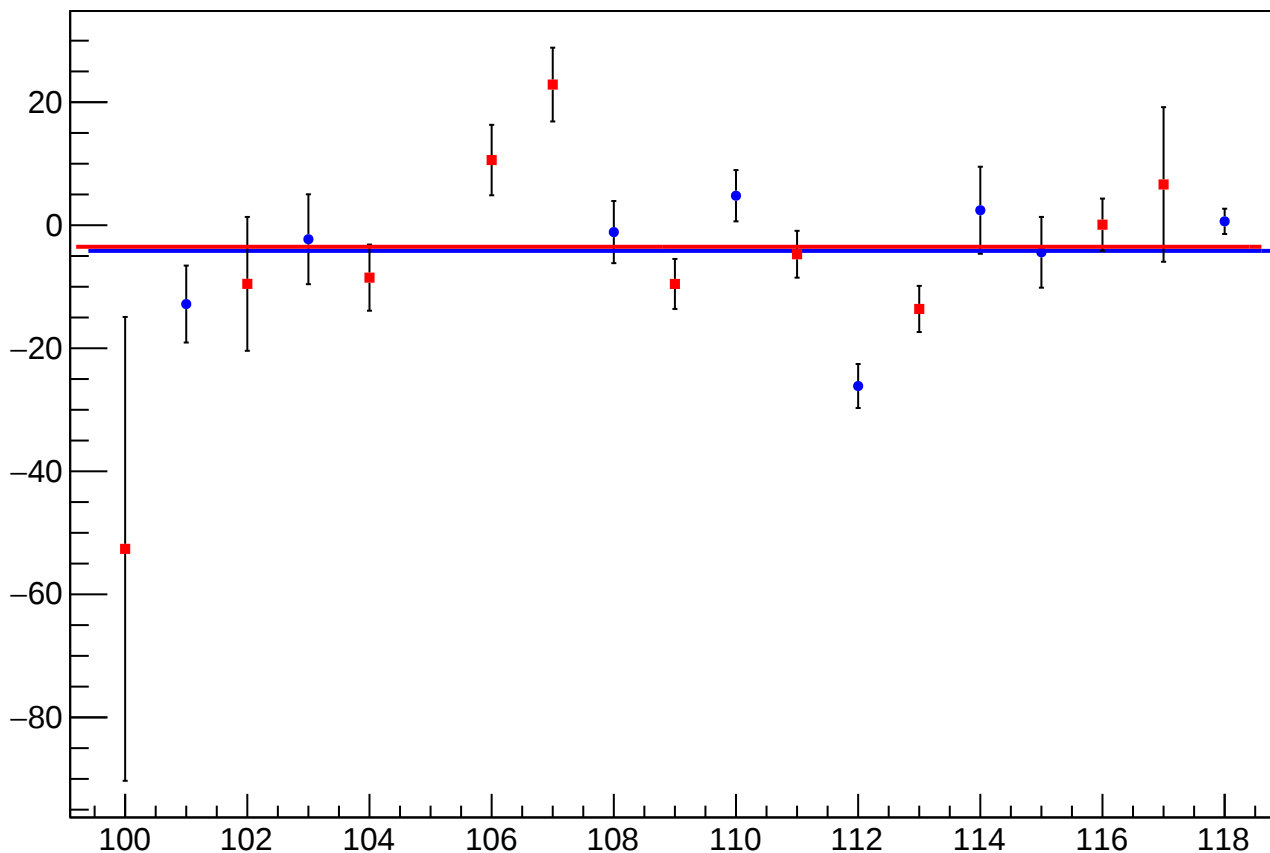
Right Out: 64.969 $\pm$ 2.218 χ^2 /NDF: 915.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

43.090 $\pm$ 2.267 χ^2 /NDF: 736.2/7

64.969 $\pm$ 2.218 χ^2 /NDF: 915.8/9

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -4.169+/-1.404 χ^2/NDF : 51.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

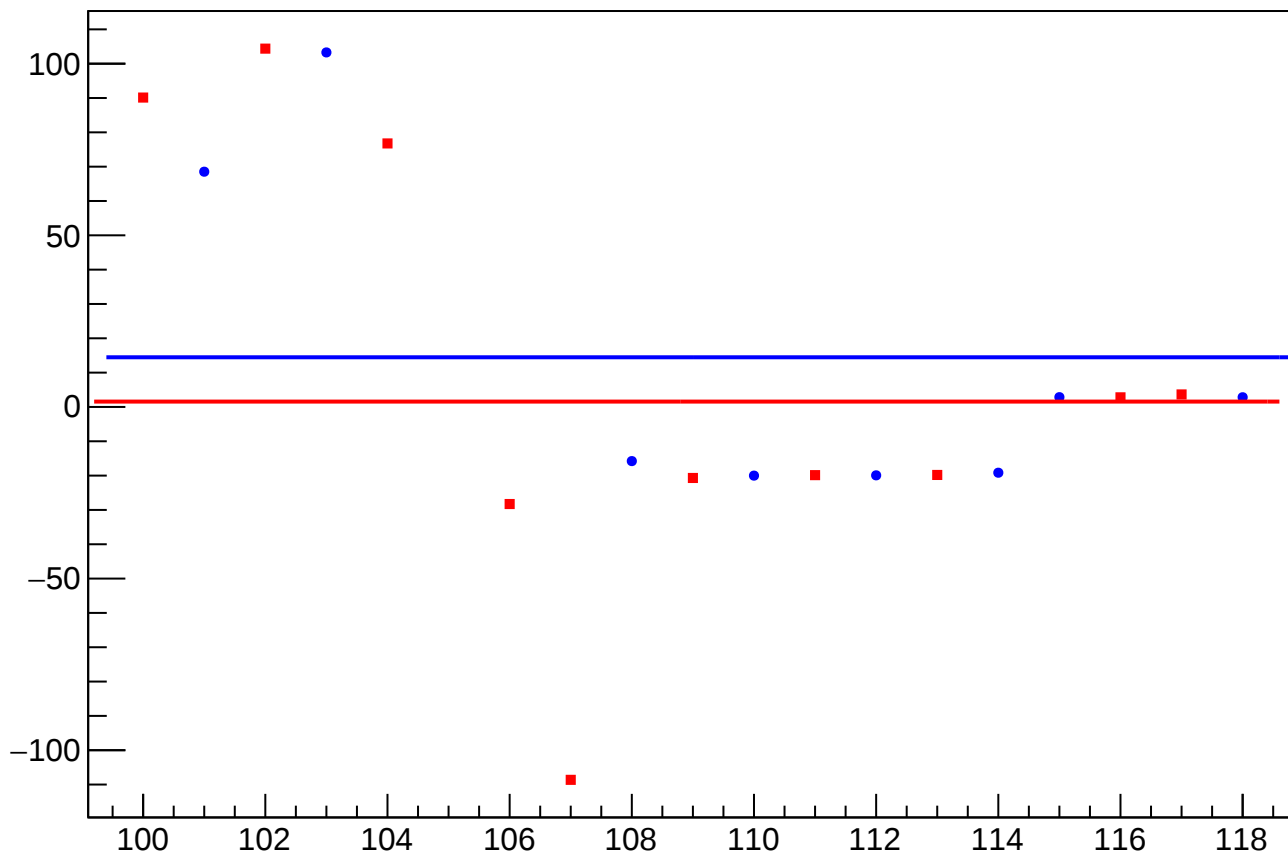
Right Out: -3.503+/-1.656 χ^2/NDF : 39.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.169+/-1.404 χ^2/NDF : 51.0/7

-3.503+/-1.656 χ^2/NDF : 39.2/9

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 14.470+/-0.081 χ^2/NDF : 344759.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

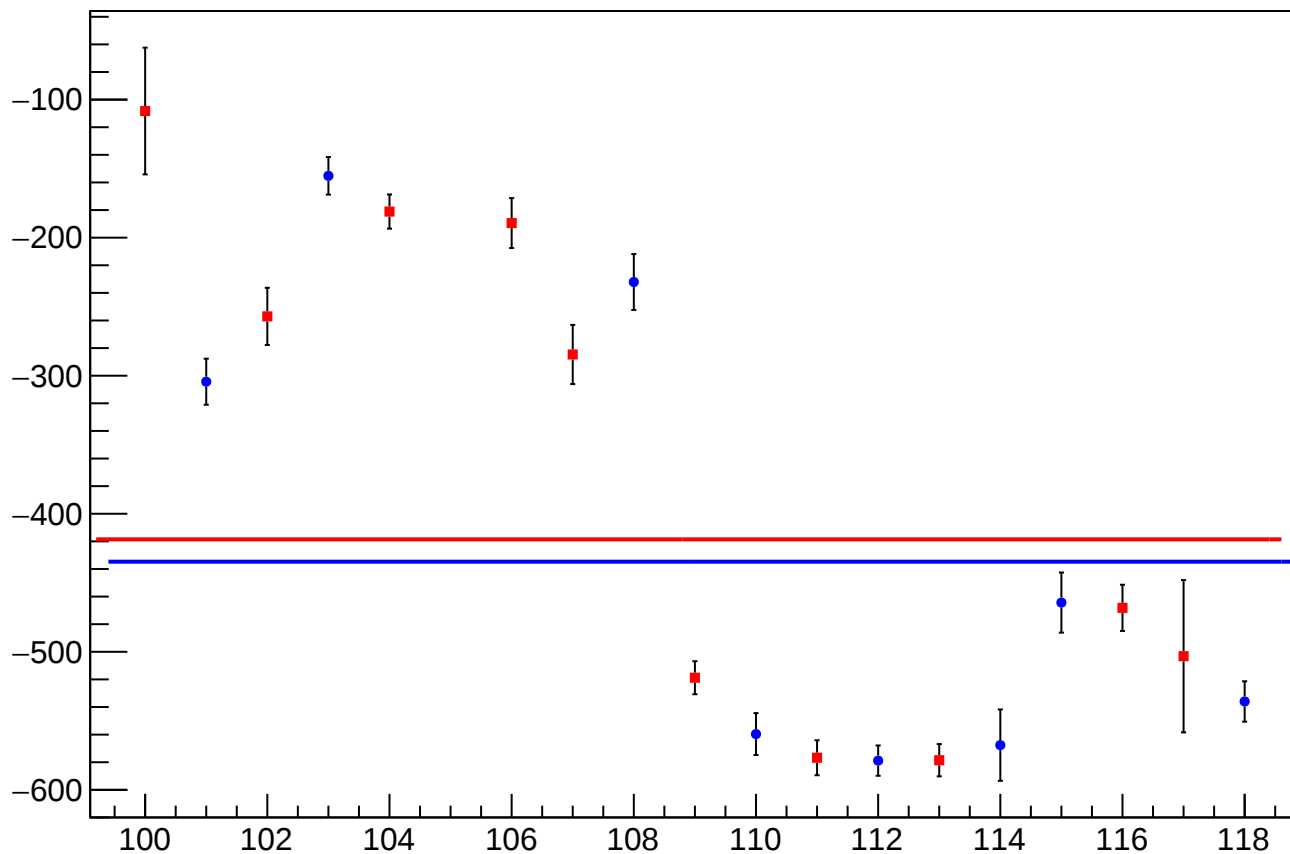
Right Out: 1.564+/-0.079 χ^2/NDF : 509396.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.470+/-0.081 χ^2/NDF : 344759.0/7

1.564+/-0.079 χ^2/NDF : 509396.0/9

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug



Right In: -434.722+/-5.560 χ^2 /NDF: 899.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

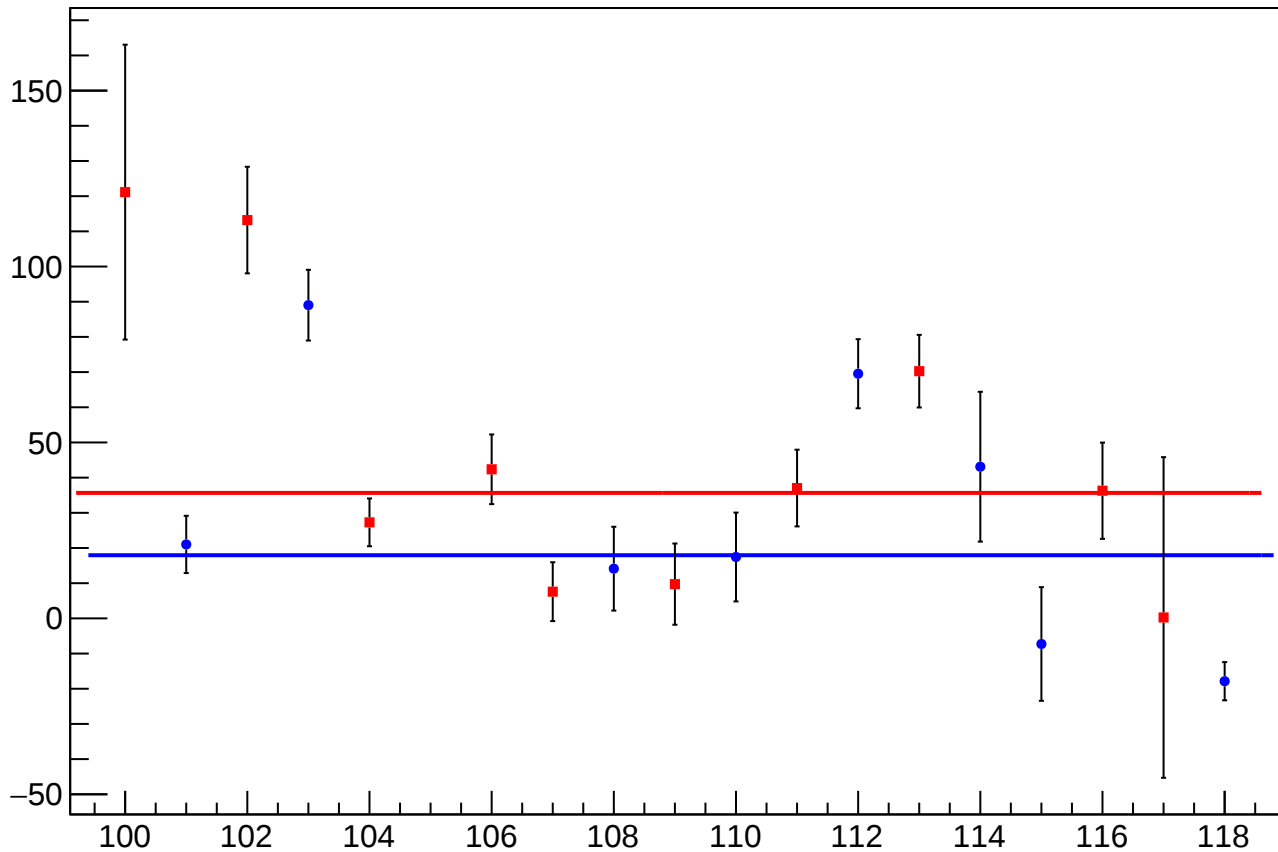
Right Out: -418.524+/-5.062 χ^2 /NDF: 1098.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-434.722+/-5.560 χ^2 /NDF: 899.3/7

-418.524+/-5.062 χ^2 /NDF: 1098.9/9

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 17.949+/-3.360 χ^2/NDF : 125.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

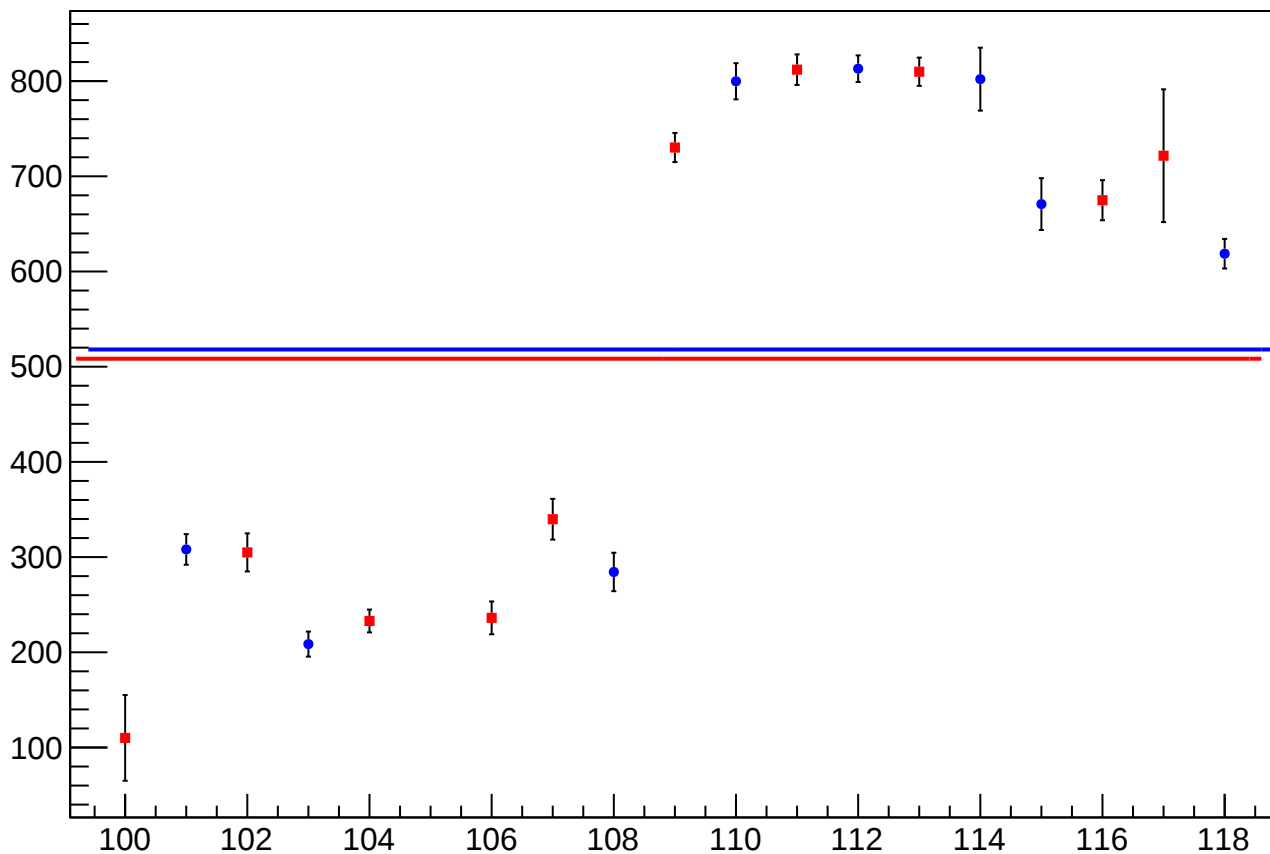
Right Out: 35.667+/-3.487 χ^2/NDF : 60.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

17.949+/-3.360 χ^2/NDF : 125.1/7

35.667+/-3.487 χ^2/NDF : 60.5/9

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 518.071+/-6.155 χ^2/NDF : 1670.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

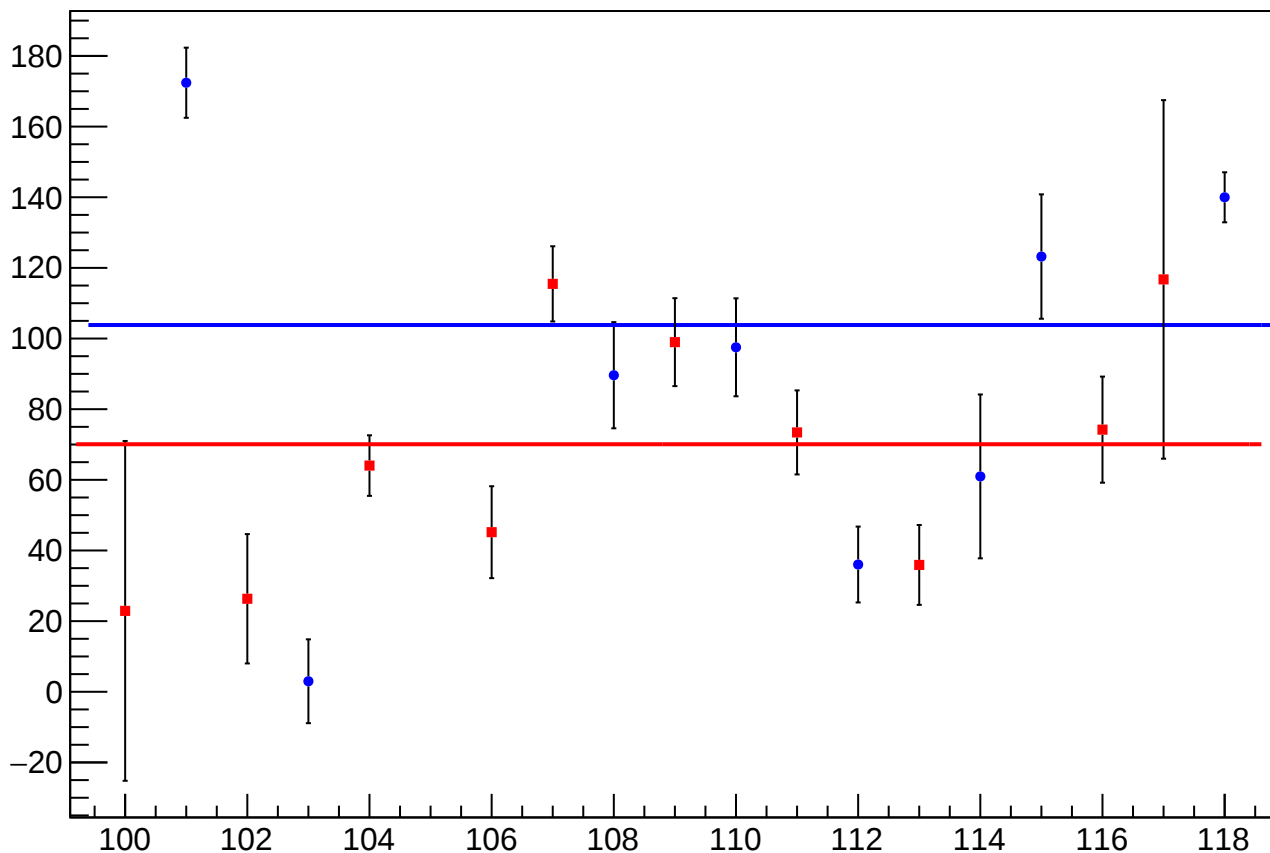
Right Out: 508.401+/-5.711 χ^2/NDF : 2073.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

518.071+/-6.155 χ^2/NDF : 1670.1/7

508.401+/-5.711 χ^2/NDF : 2073.6/9

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 103.828 $\pm$ 4.063 χ^2 /NDF: 191.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

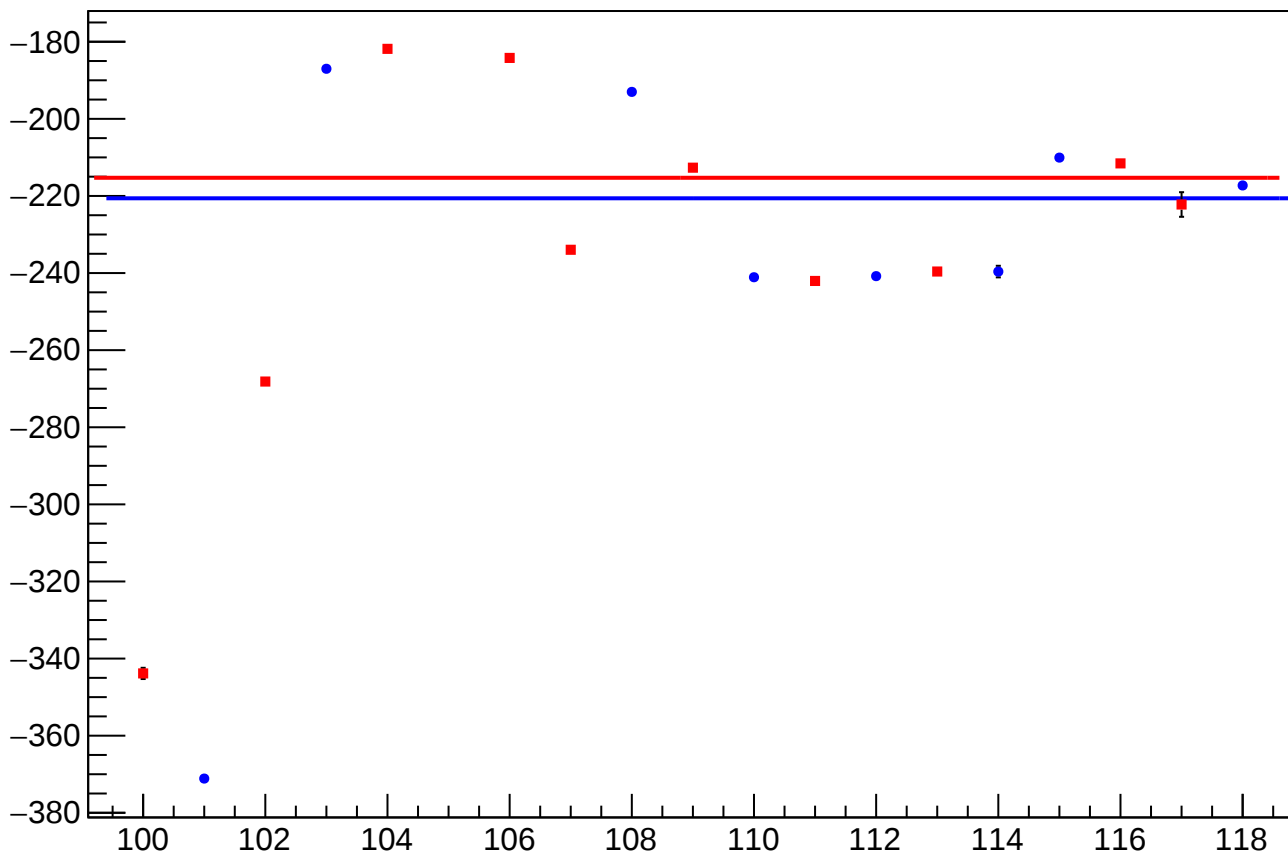
Right Out: 70.074 $\pm$ 4.155 χ^2 /NDF: 44.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

103.828 $\pm$ 4.063 χ^2 /NDF: 191.6/7

70.074 $\pm$ 4.155 χ^2 /NDF: 44.5/9

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -220.609+/-0.195 χ^2/NDF : 85929.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

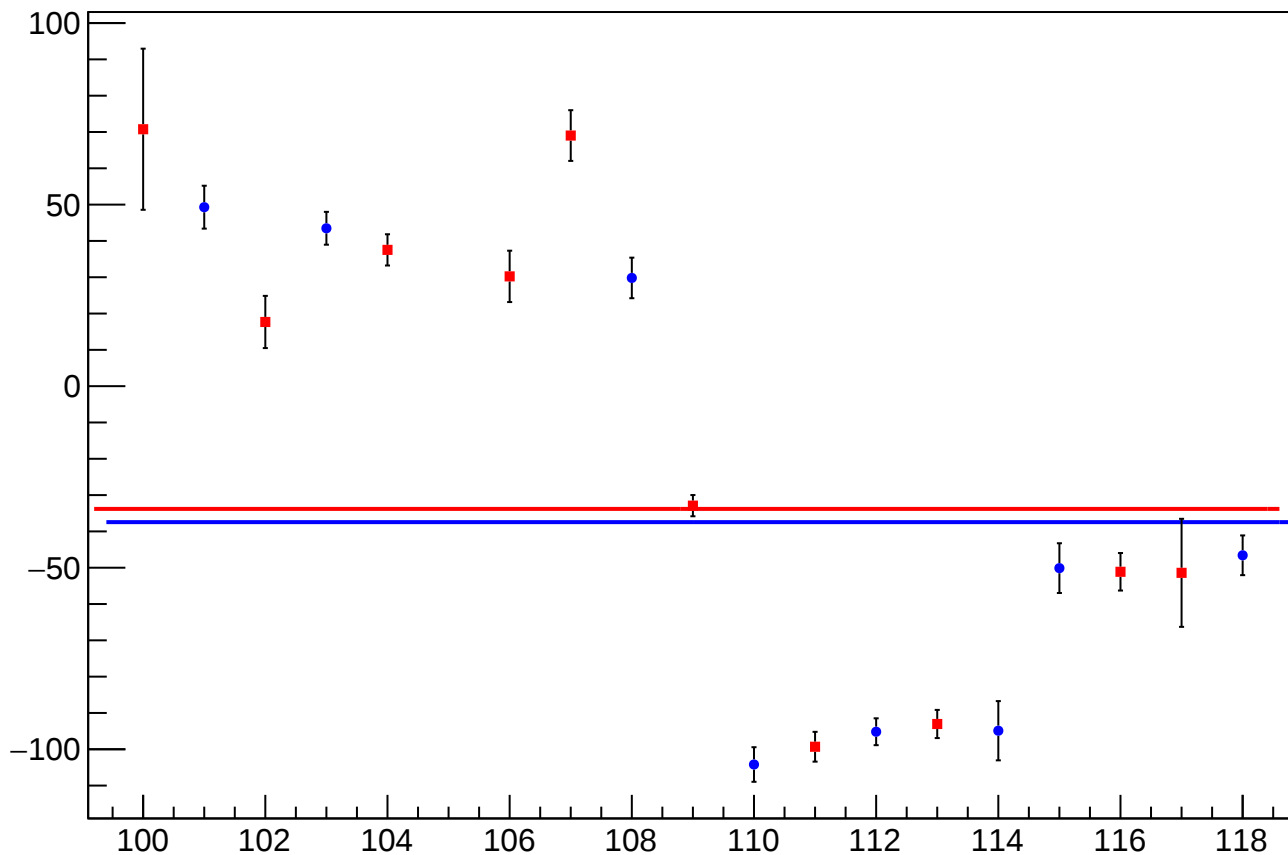
Right Out: -215.286+/-0.179 χ^2/NDF : 40301.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-220.609+/-0.195 χ^2/NDF : 85929.4/7

-215.286+/-0.179 χ^2/NDF : 40301.9/9

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug



Right In: -37.448 $\pm$ 1.837 χ^2 /NDF: 1176.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

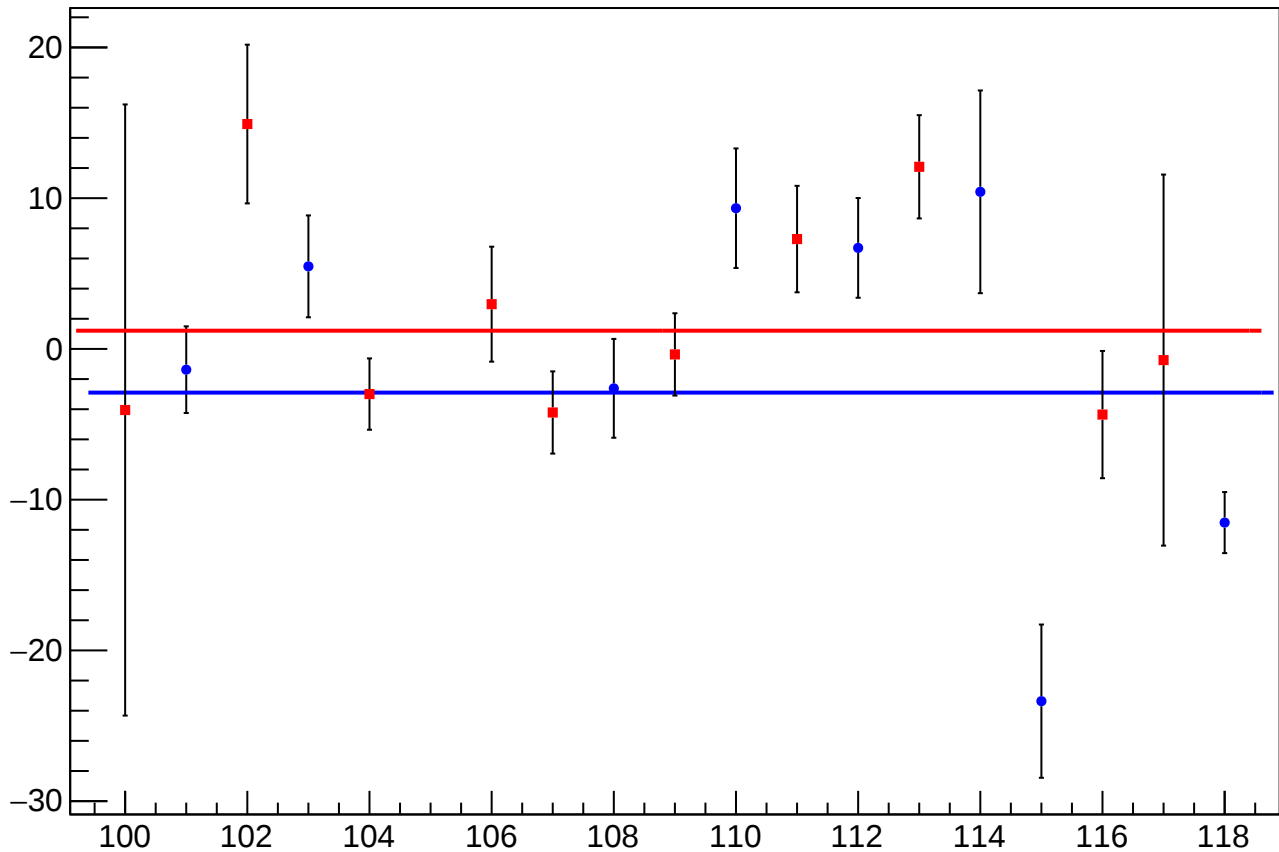
Right Out: -33.803 $\pm$ 1.580 χ^2 /NDF: 1147.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-37.448 $\pm$ 1.837 χ^2 /NDF: 1176.3/7

-33.803 $\pm$ 1.580 χ^2 /NDF: 1147.7/9

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -2.898+/-1.146 χ^2/NDF : 62.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

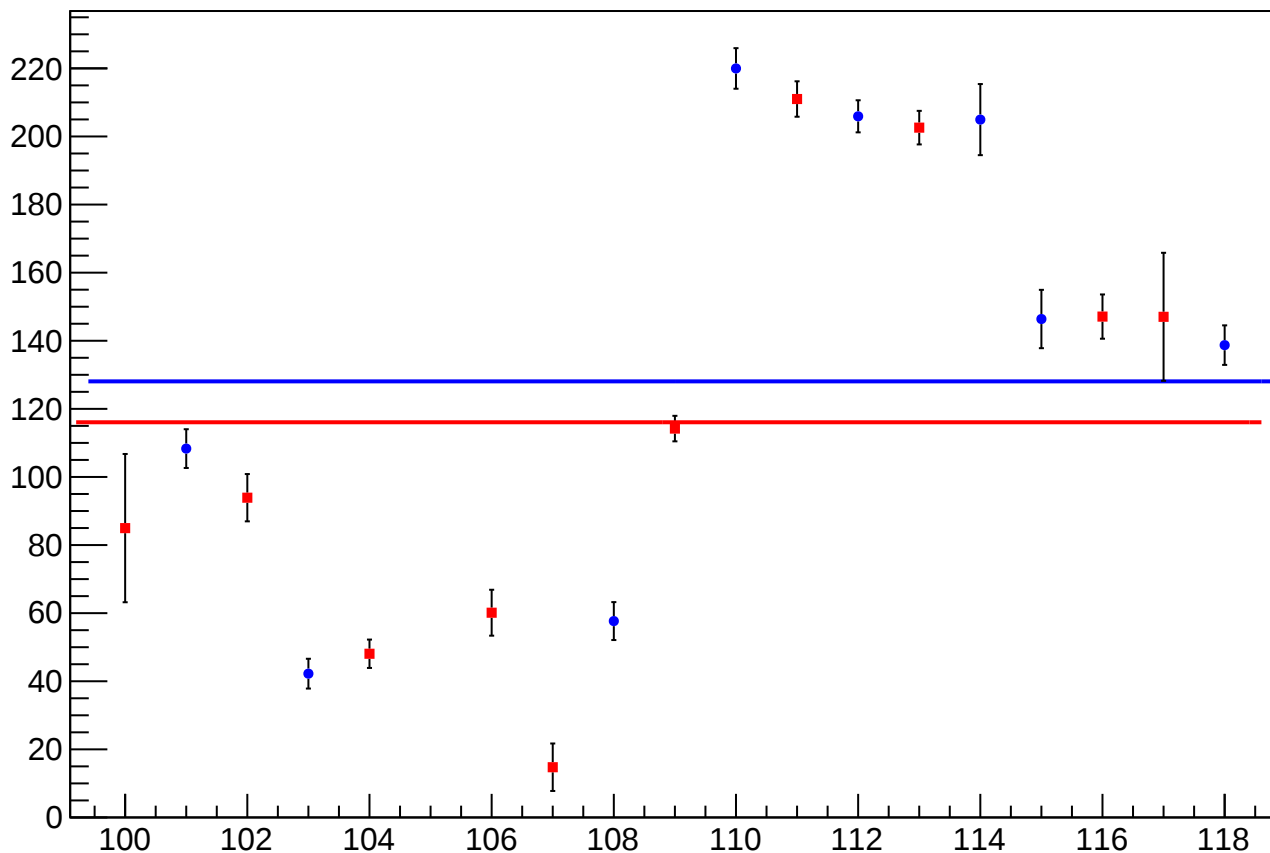
Right Out: 1.209+/-1.130 χ^2/NDF : 29.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.898+/-1.146 χ^2/NDF : 62.6/7

1.209+/-1.130 χ^2/NDF : 29.3/9

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 128.074 $\pm$ 2.037 χ^2 /NDF: 1129.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

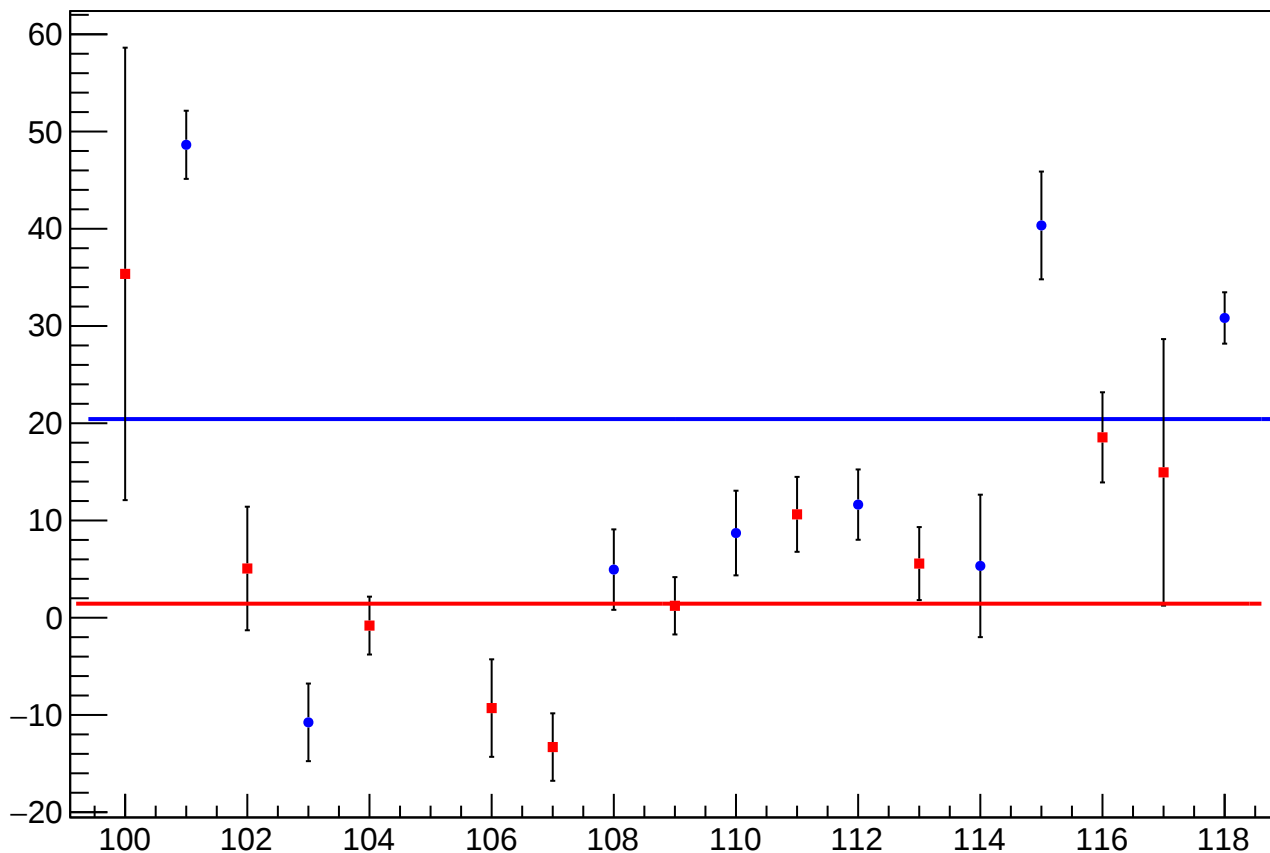
Right Out: 116.063 $\pm$ 1.829 χ^2 /NDF: 1225.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

128.074 $\pm$ 2.037 χ^2 /NDF: 1129.8/7

116.063 $\pm$ 1.829 χ^2 /NDF: 1225.2/9

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 20.429 $\pm$ 1.378 χ^2 /NDF: 185.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

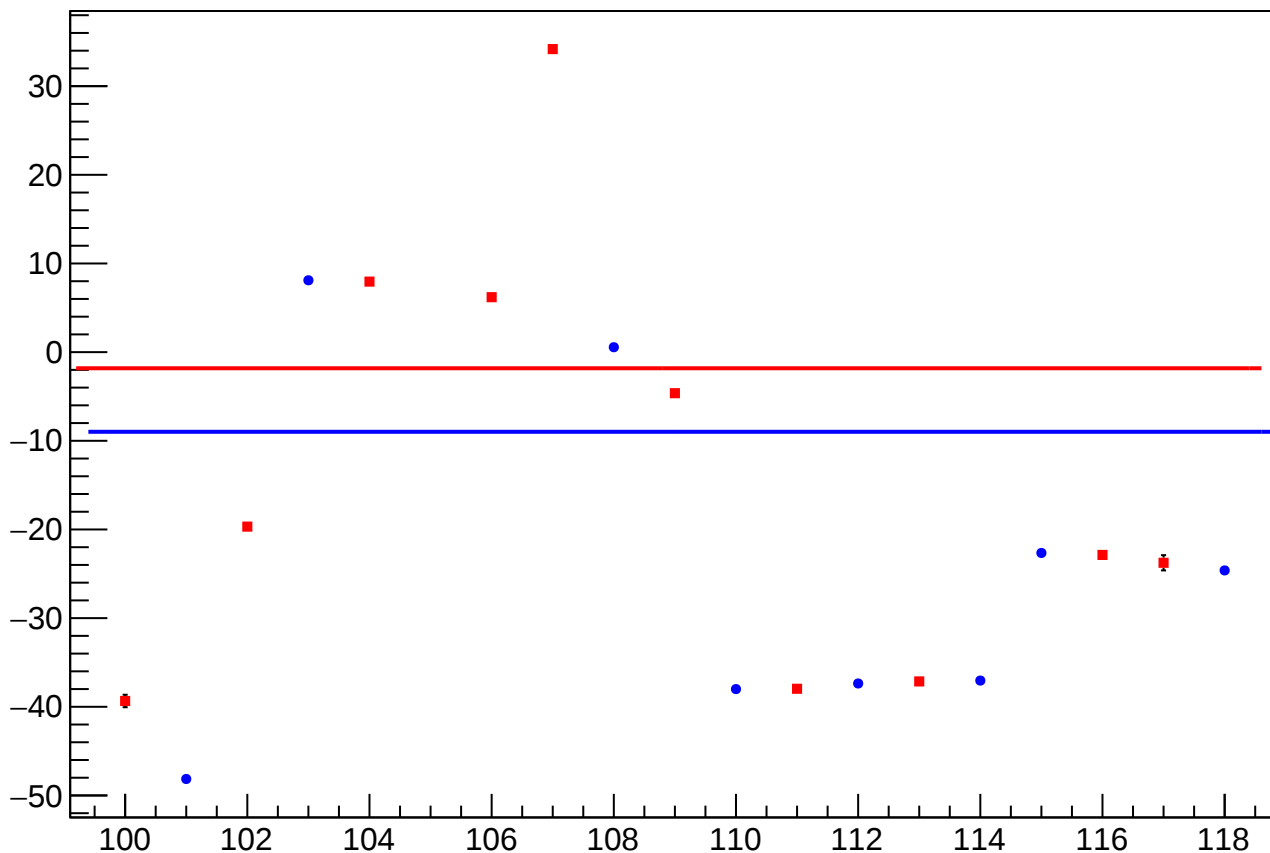
Right Out: 1.444 $\pm$ 1.327 χ^2 /NDF: 47.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

20.429 $\pm$ 1.378 χ^2 /NDF: 185.7/7

1.444 $\pm$ 1.327 χ^2 /NDF: 47.2/9

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -8.983 ± 0.063 $\chi^2/\text{NDF}: 108299.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

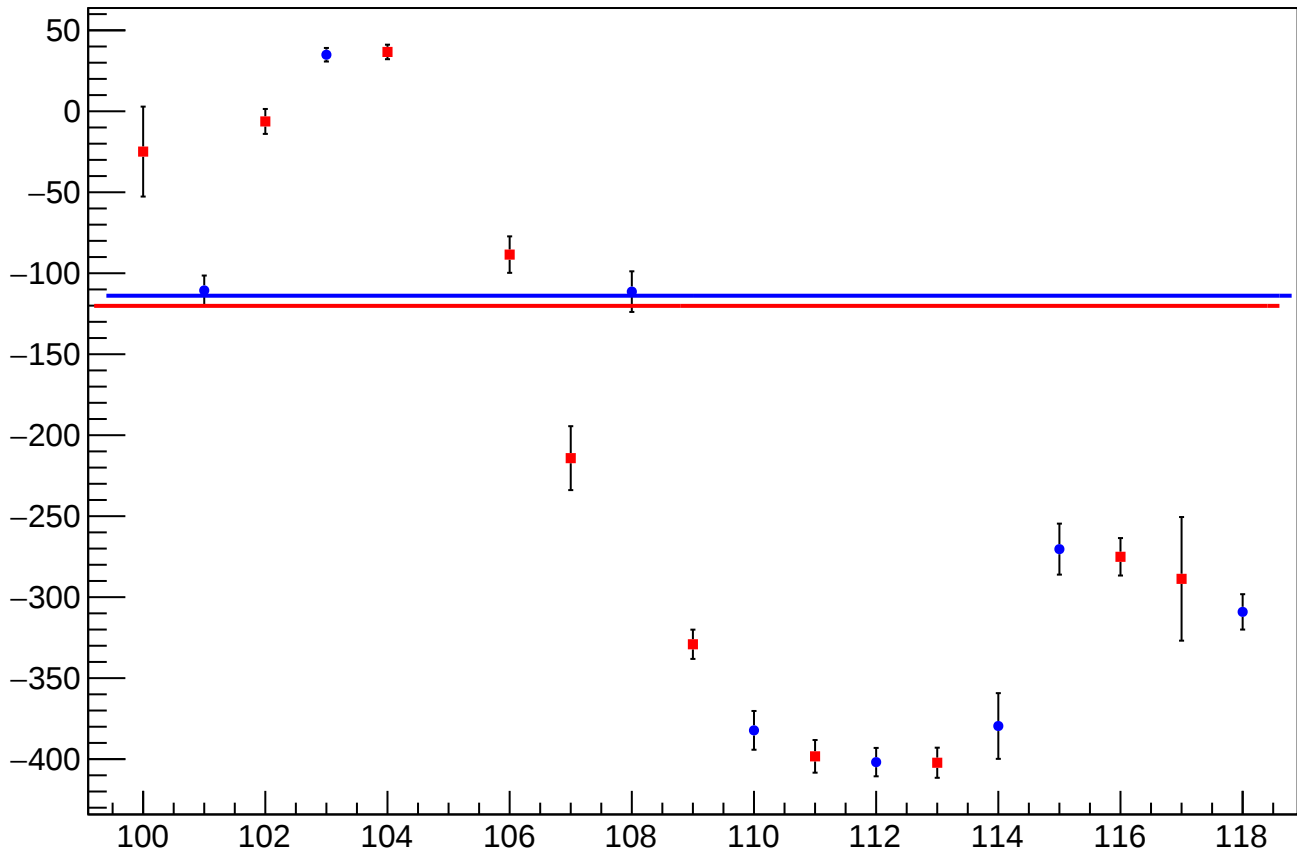
Right Out: -1.818 ± 0.059 $\chi^2/\text{NDF}: 129319.1/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-8.983 ± 0.063 $\chi^2/\text{NDF}: 108299.3/7$

-1.818 ± 0.059 $\chi^2/\text{NDF}: 129319.1/9$

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug



Right In: -113.876+/-3.015 χ^2/NDF : 3433.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

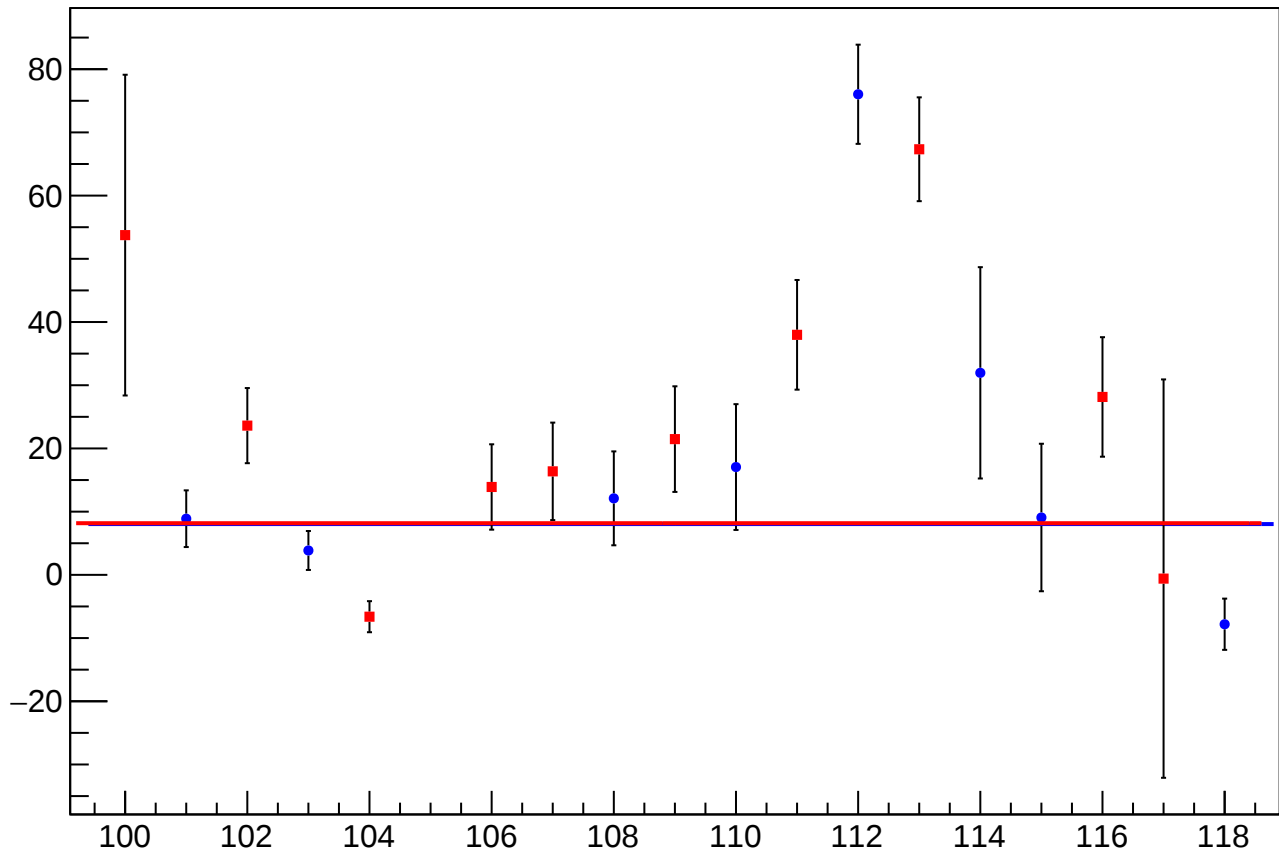
Right Out: -120.144+/-2.886 χ^2/NDF : 3895.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-113.876+/-3.015 χ^2/NDF : 3433.9/7

-120.144+/-2.886 χ^2/NDF : 3895.9/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 8.034+/-1.920 χ^2/NDF : 95.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

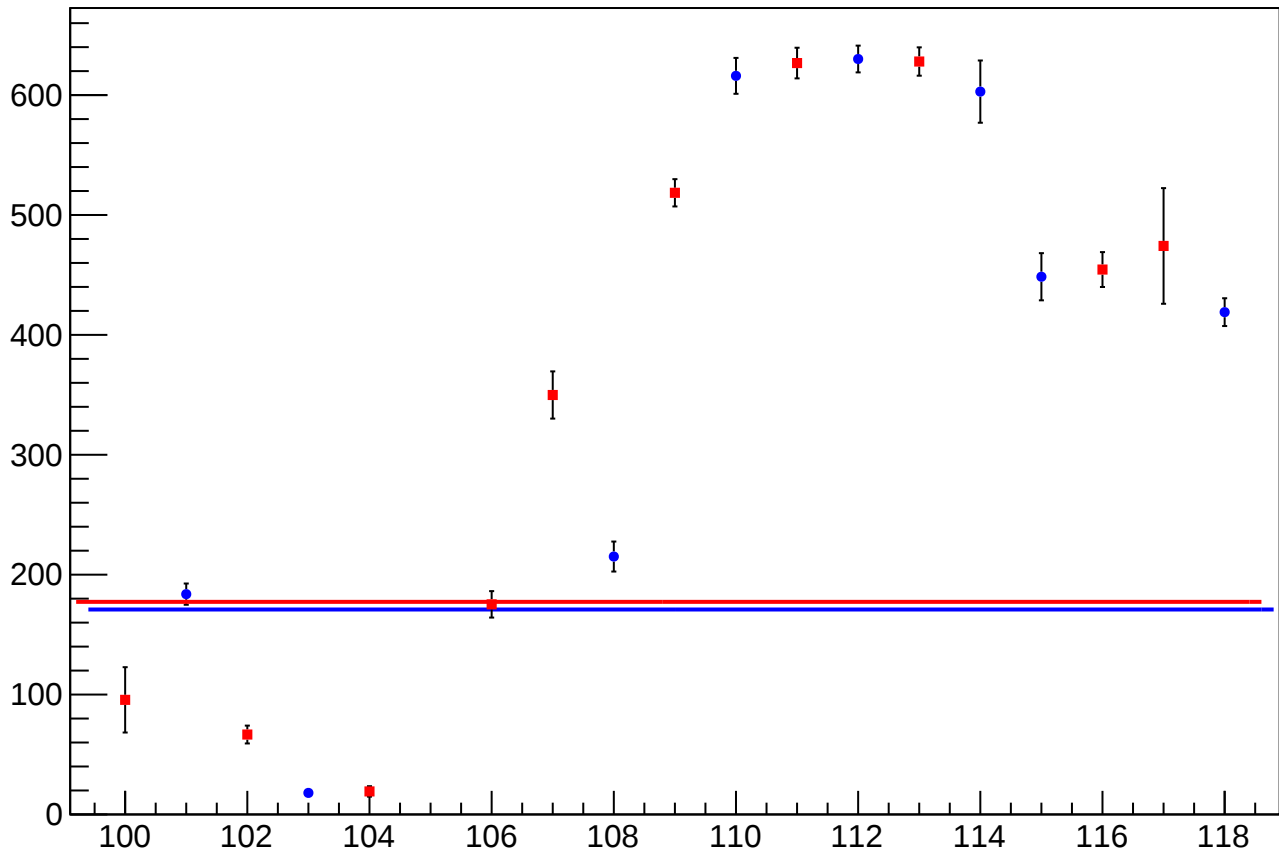
Right Out: 8.173+/-1.861 χ^2/NDF : 118.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.034+/-1.920 χ^2/NDF : 95.5/7

8.173+/-1.861 χ^2/NDF : 118.8/9

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 170.947+/-3.100 χ^2/NDF : 4950.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

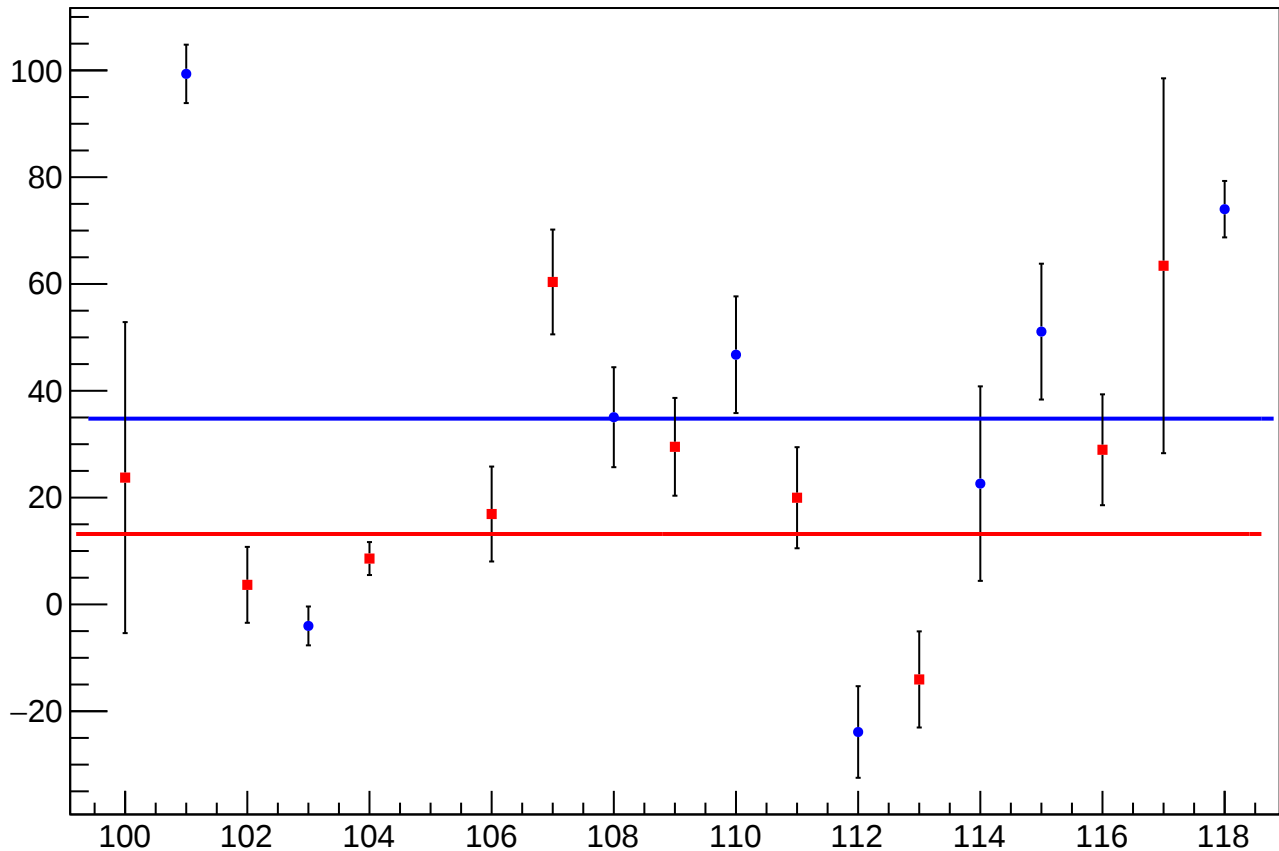
Right Out: 177.328+/-3.025 χ^2/NDF : 5618.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

170.947+/-3.100 χ^2/NDF : 4950.2/7

177.328+/-3.025 χ^2/NDF : 5618.4/9

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 34.785 $\pm$ 2.310 χ^2 /NDF: 358.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

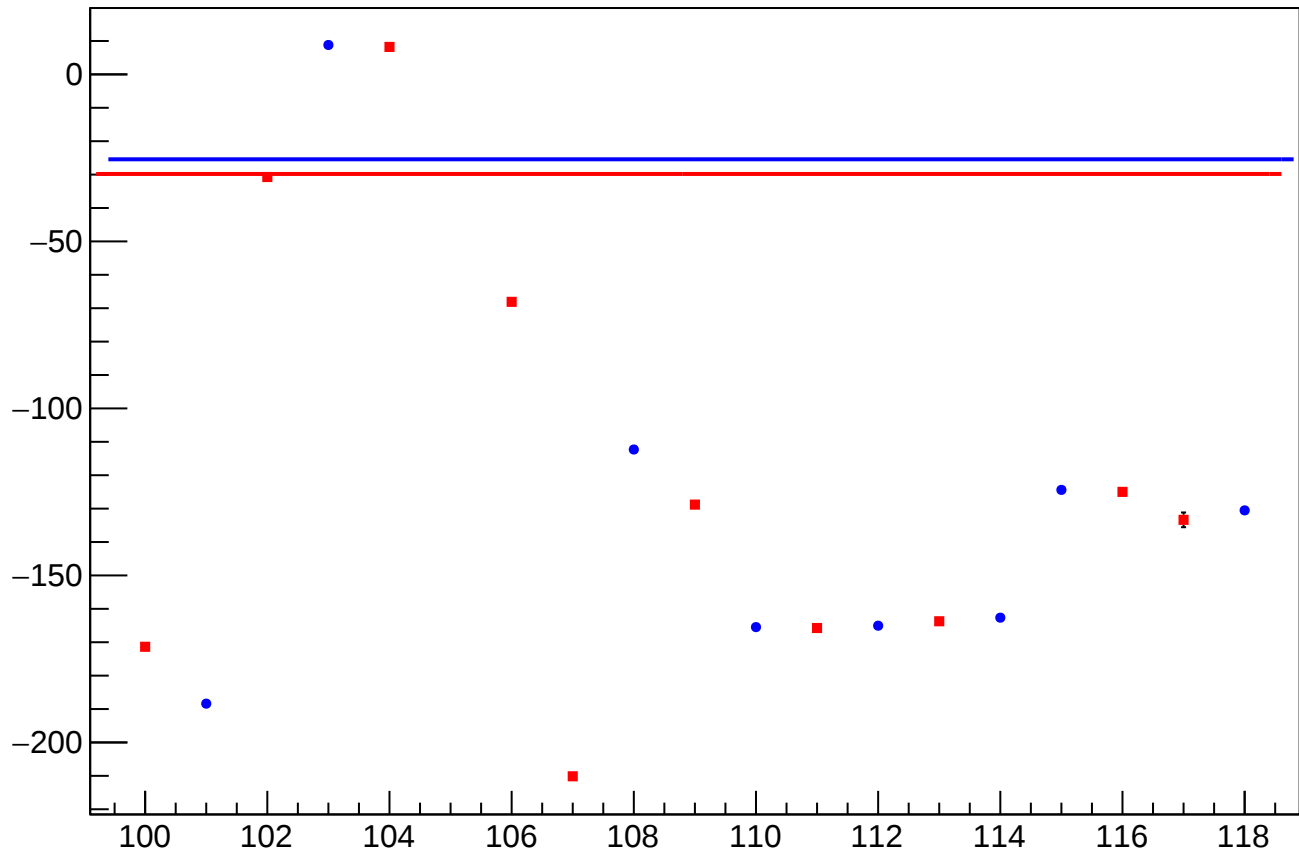
Right Out: 13.186 $\pm$ 2.267 χ^2 /NDF: 44.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

34.785 $\pm$ 2.310 χ^2 /NDF: 358.3/7

13.186 $\pm$ 2.267 χ^2 /NDF: 44.7/9

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -25.423+/-0.080 χ^2/NDF : 680994.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

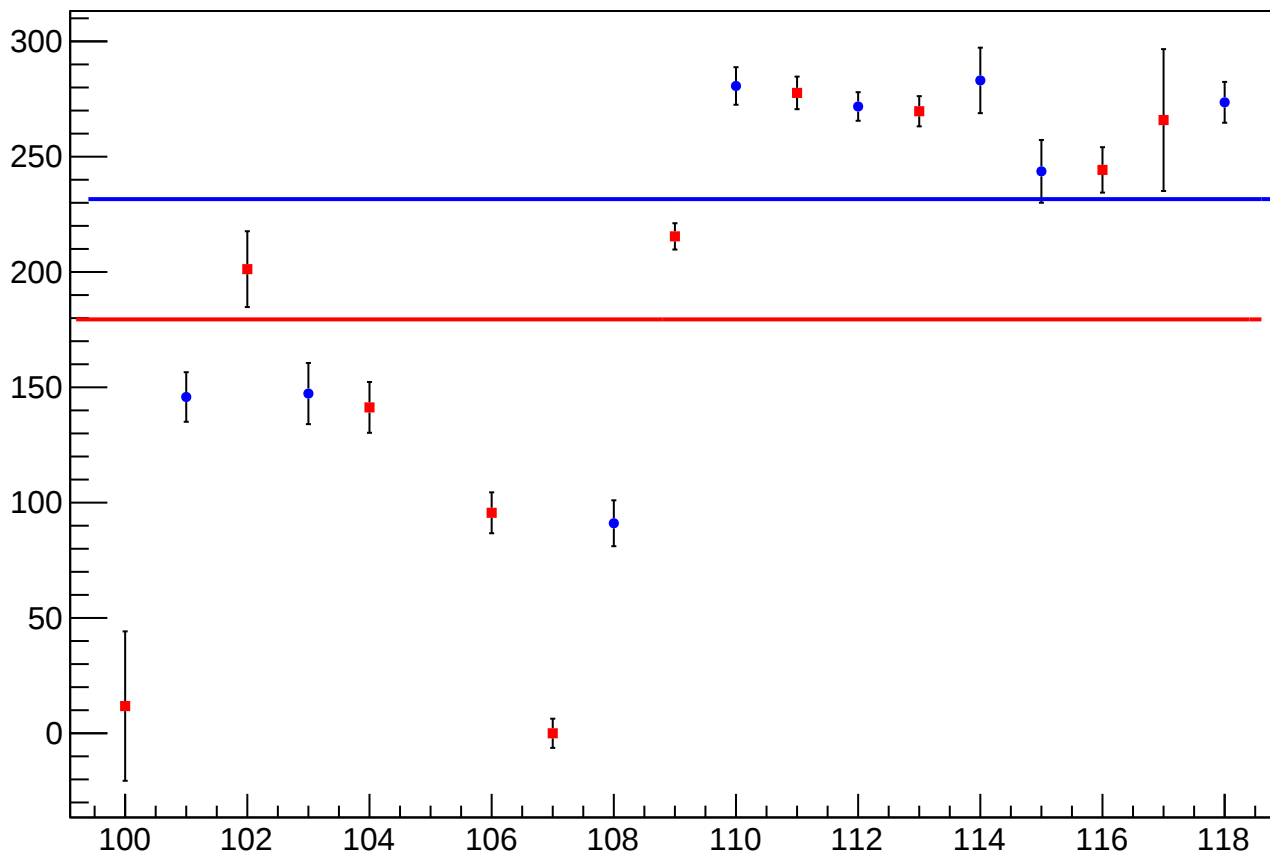
Right Out: -29.808+/-0.082 χ^2/NDF : 512903.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-25.423+/-0.080 χ^2/NDF : 680994.8/7

-29.808+/-0.082 χ^2/NDF : 512903.0/9

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug



Right In: 231.604 $\pm$ 3.358 χ^2 /NDF: 418.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

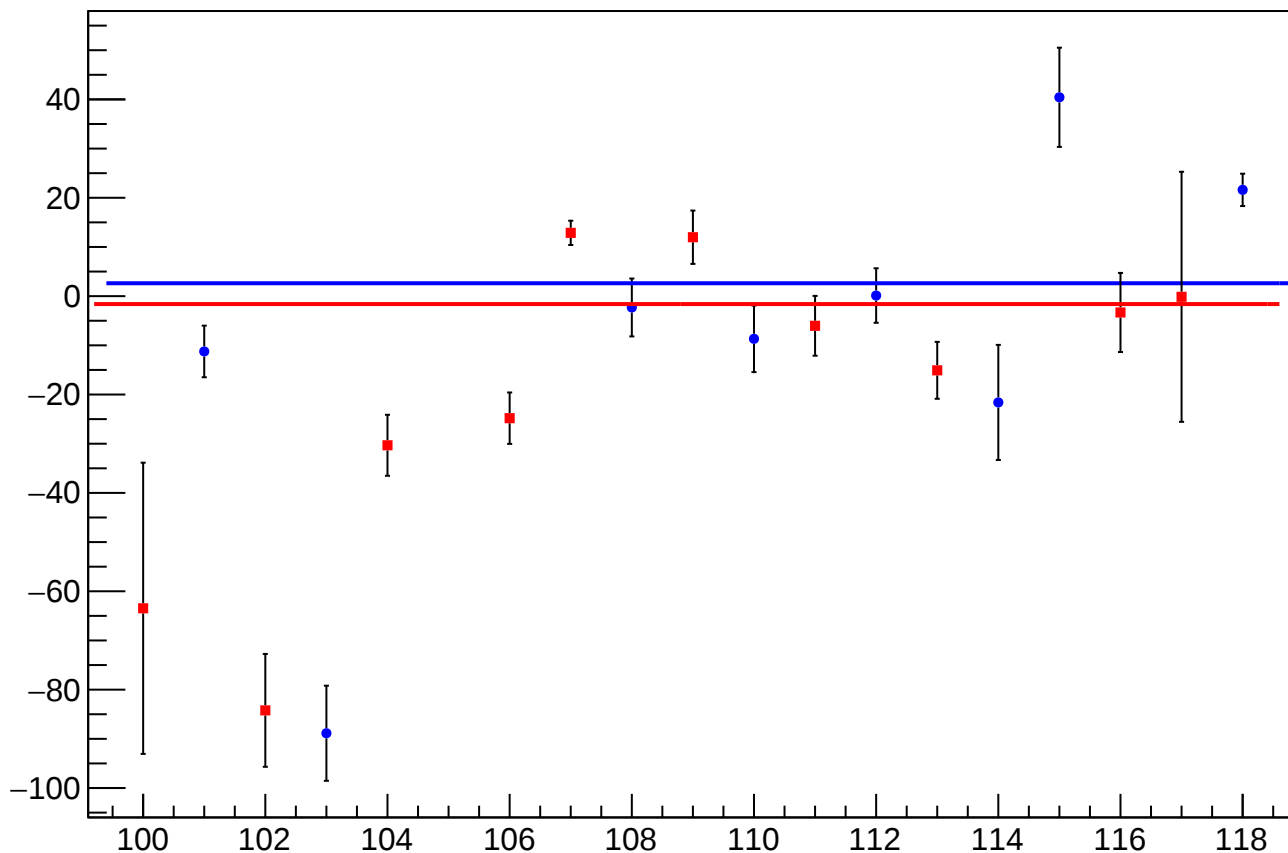
Right Out: 179.450 $\pm$ 2.711 χ^2 /NDF: 1408.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

231.604 $\pm$ 3.358 χ^2 /NDF: 418.2/7

179.450 $\pm$ 2.711 χ^2 /NDF: 1408.5/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 2.624+/-2.041 χ^2/NDF : 151.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

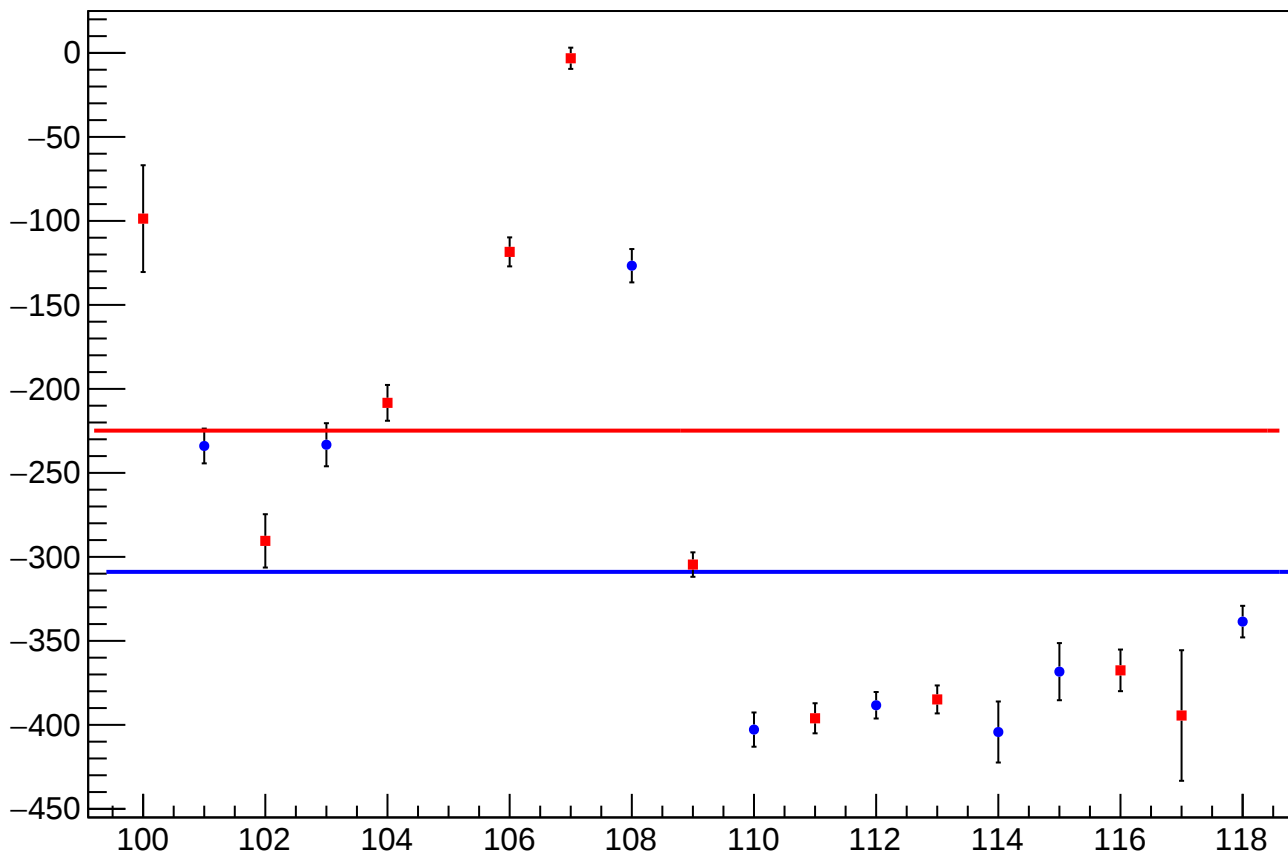
Right Out: -1.610+/-1.706 χ^2/NDF : 144.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.624+/-2.041 χ^2/NDF : 151.9/7

-1.610+/-1.706 χ^2/NDF : 144.1/9

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -308.923+/-3.806 χ^2/NDF : 660.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

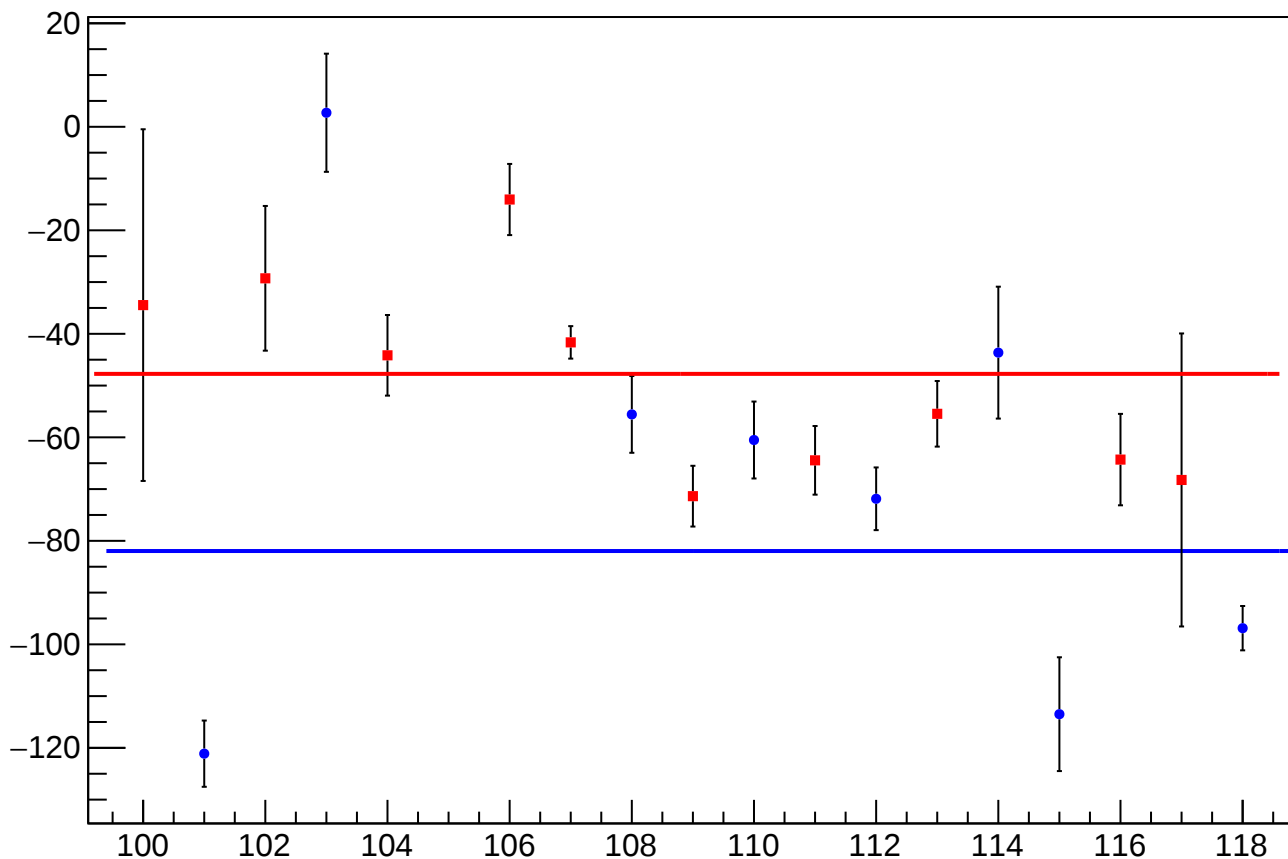
Right Out: -224.839+/-3.083 χ^2/NDF : 2425.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-308.923+/-3.806 χ^2/NDF : 660.2/7

-224.839+/-3.083 χ^2/NDF : 2425.4/9

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -81.967 ± 2.465 $\chi^2/\text{NDF}: 145.6/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

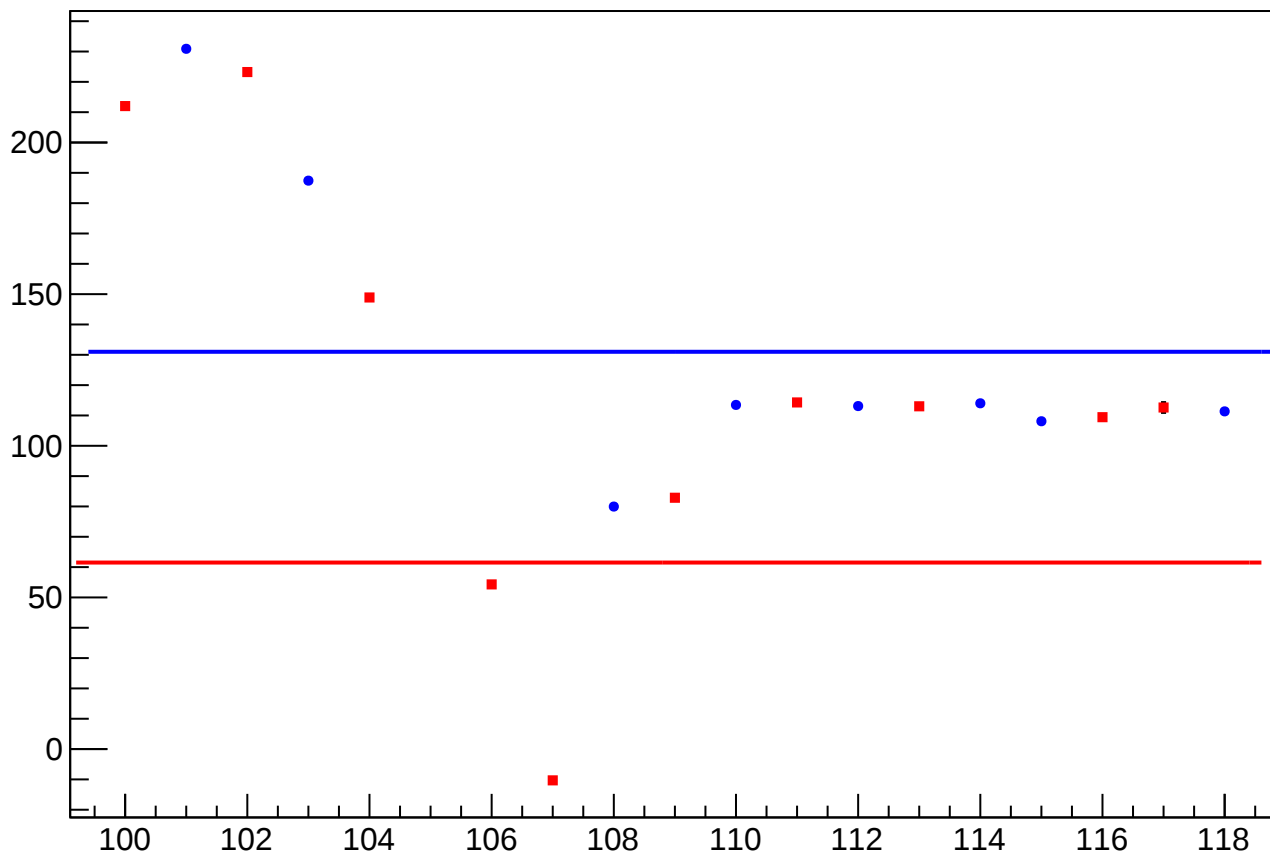
Right Out: -47.739 ± 2.059 $\chi^2/\text{NDF}: 58.0/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-81.967 ± 2.465 $\chi^2/\text{NDF}: 145.6/7$

-47.739 ± 2.059 $\chi^2/\text{NDF}: 58.0/9$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 130.998 $\pm$ 0.129 χ^2 /NDF: 169130.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

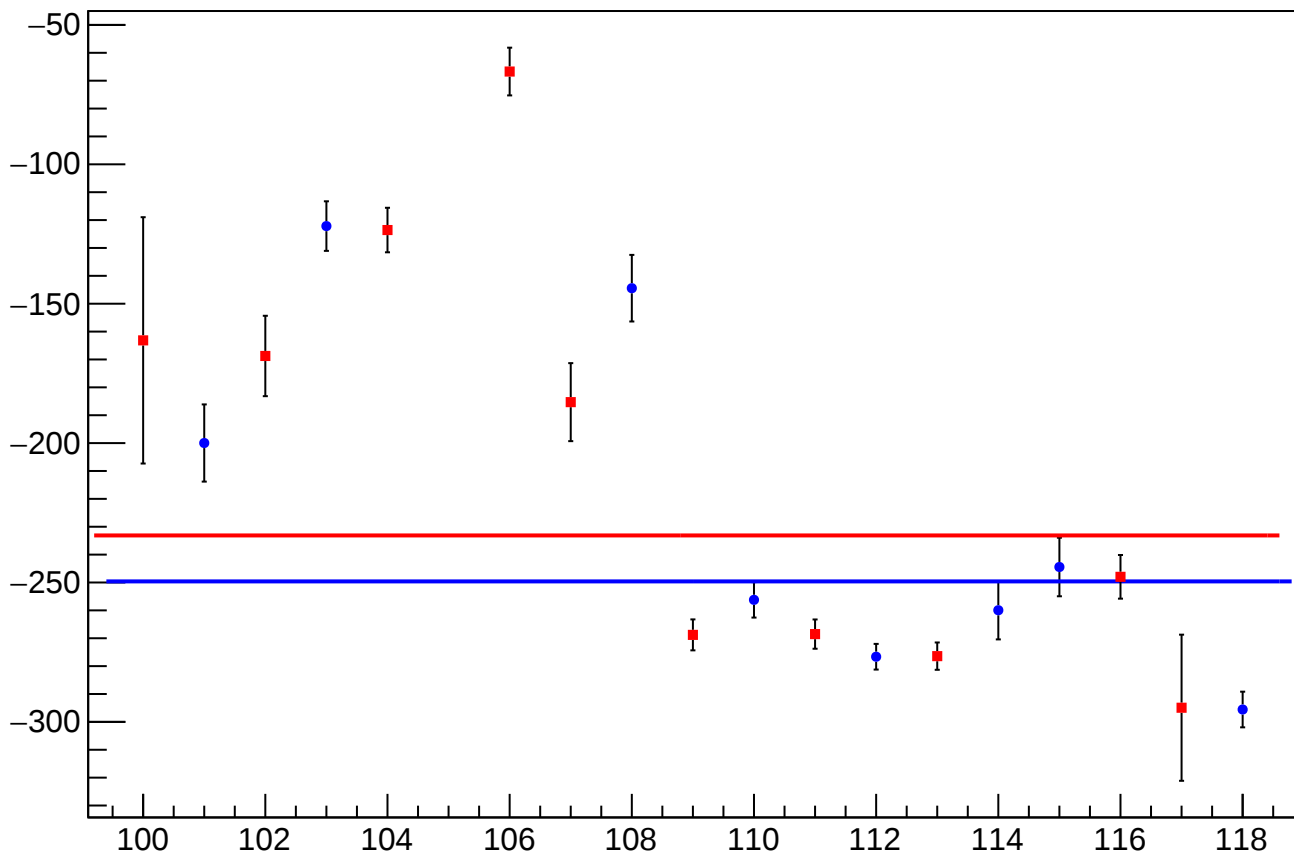
Right Out: 61.503 $\pm$ 0.093 χ^2 /NDF: 605480.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

130.998 $\pm$ 0.129 χ^2 /NDF: 169130.8/7

61.503 $\pm$ 0.093 χ^2 /NDF: 605480.4/9

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug



Right In: -249.608 ± 2.678 χ^2/NDF : 384.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

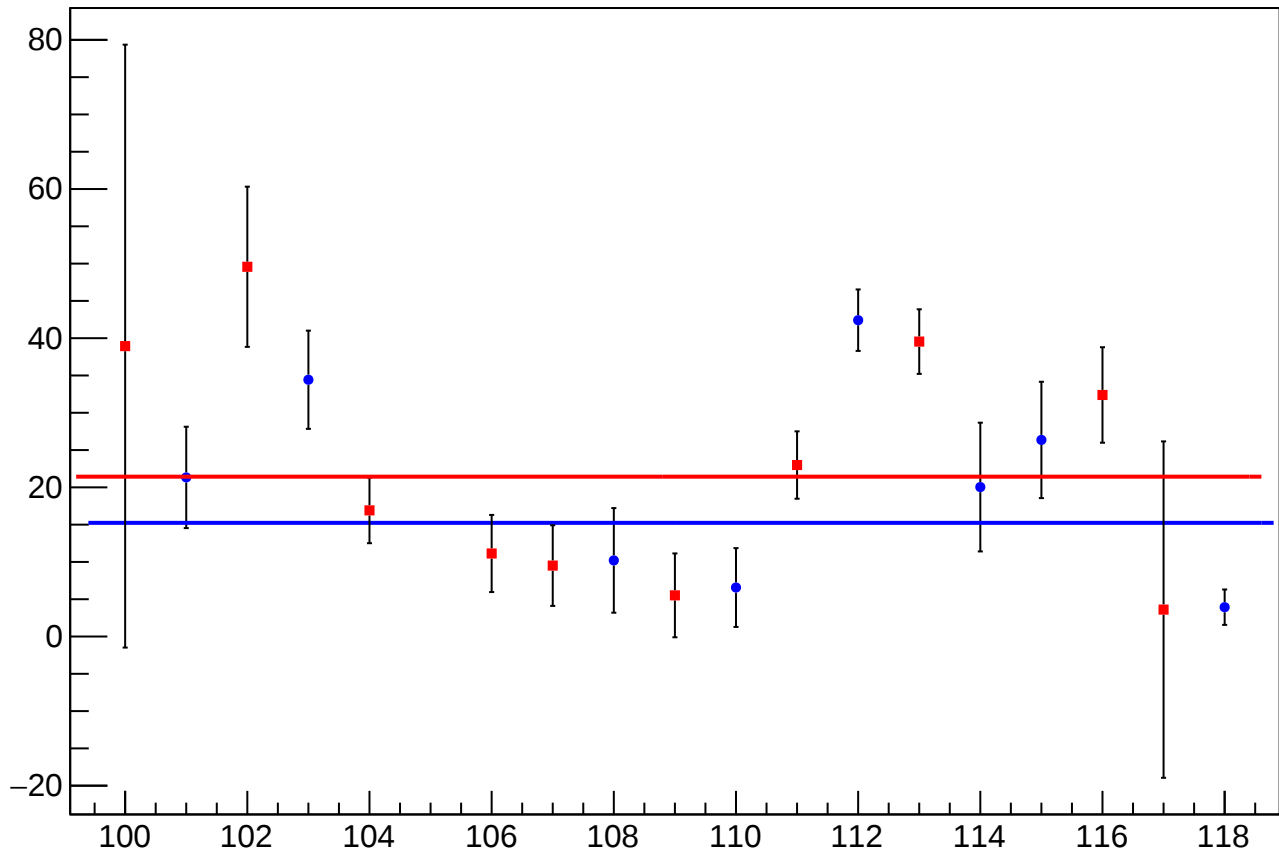
Right Out: -233.121 ± 2.440 χ^2/NDF : 774.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-249.608 ± 2.678 χ^2/NDF : 384.3/7

-233.121 ± 2.440 χ^2/NDF : 774.0/9

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 15.241 $\pm$ 1.650 χ^2 /NDF: 81.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

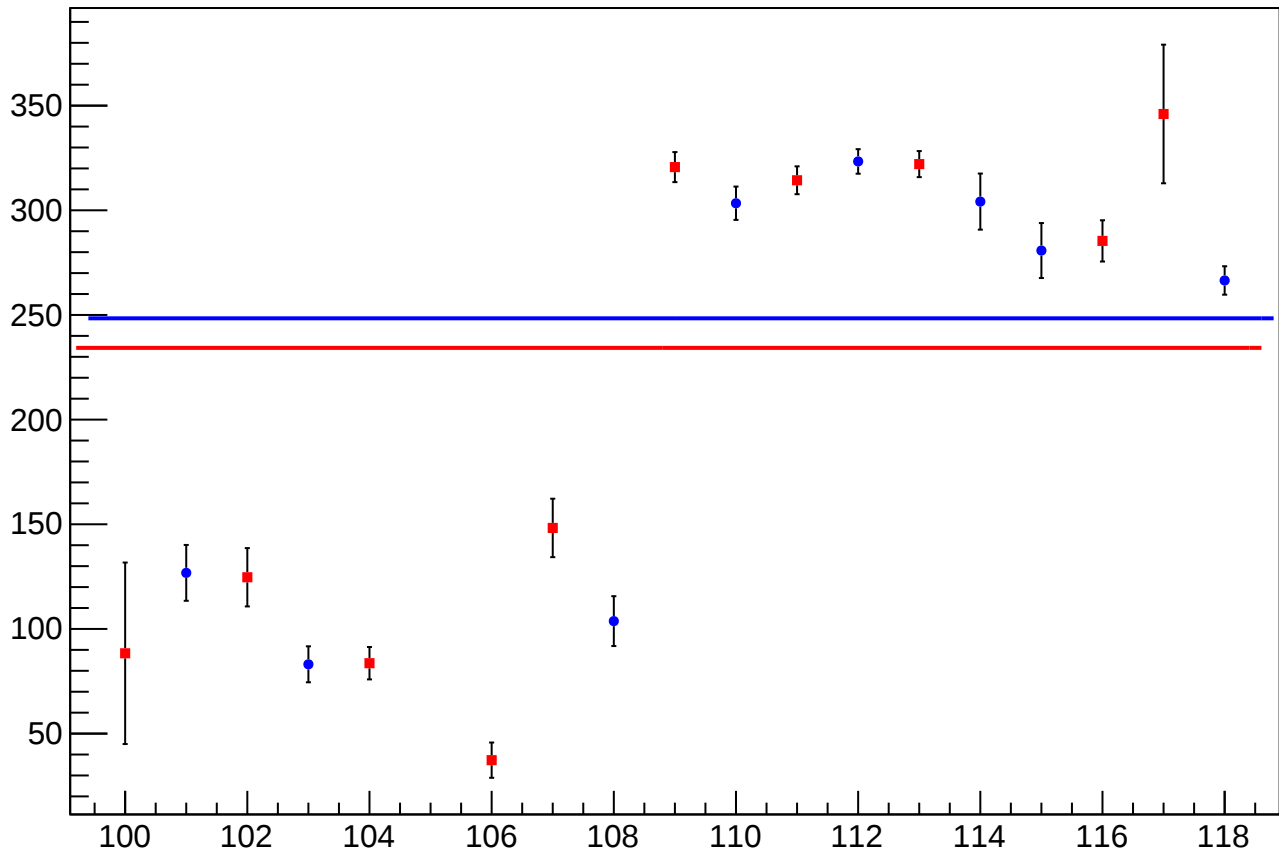
Right Out: 21.433 $\pm$ 1.848 χ^2 /NDF: 46.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

15.241 $\pm$ 1.650 χ^2 /NDF: 81.1/7

21.433 $\pm$ 1.848 χ^2 /NDF: 46.1/9

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 248.394 $\pm$ 3.099 χ^2 /NDF: 841.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

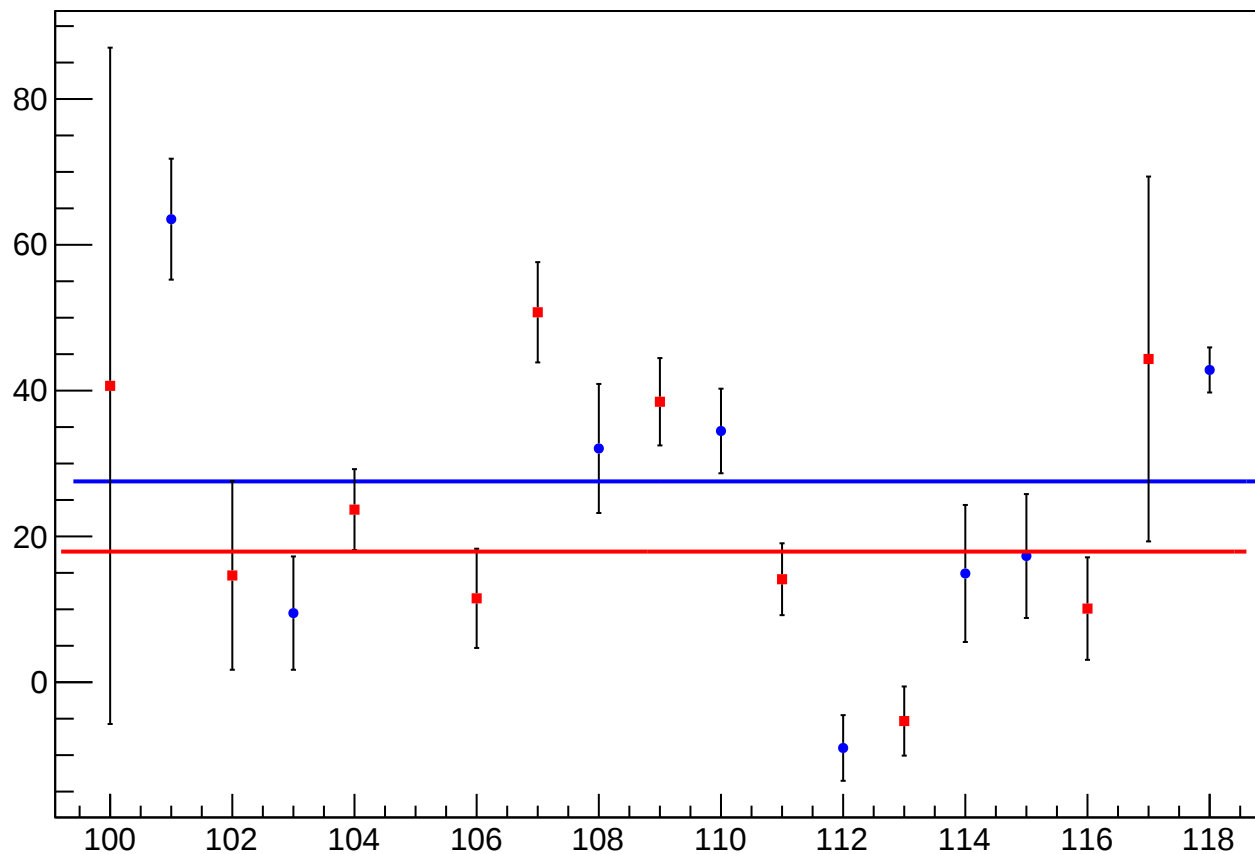
Right Out: 234.282 $\pm$ 2.879 χ^2 /NDF: 1563.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

248.394 $\pm$ 3.099 χ^2 /NDF: 841.8/7

234.282 $\pm$ 2.879 χ^2 /NDF: 1563.8/9

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 27.547 $\pm$ 1.989 χ^2 /NDF: 119.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

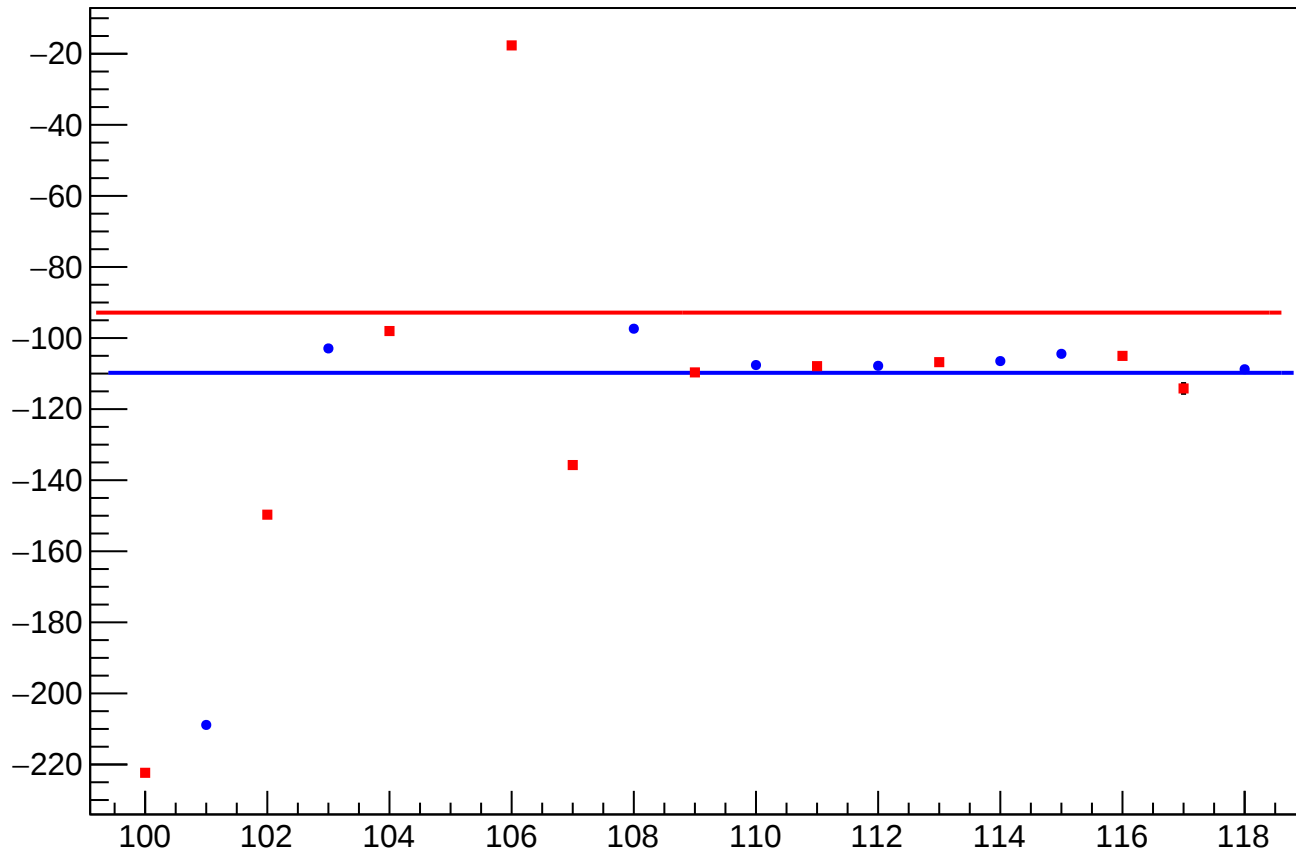
Right Out: 17.920 $\pm$ 2.147 χ^2 /NDF: 63.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

27.547 $\pm$ 1.989 χ^2 /NDF: 119.5/7

17.920 $\pm$ 2.147 χ^2 /NDF: 63.8/9

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -109.784+/-0.110 χ^2/NDF : 46182.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

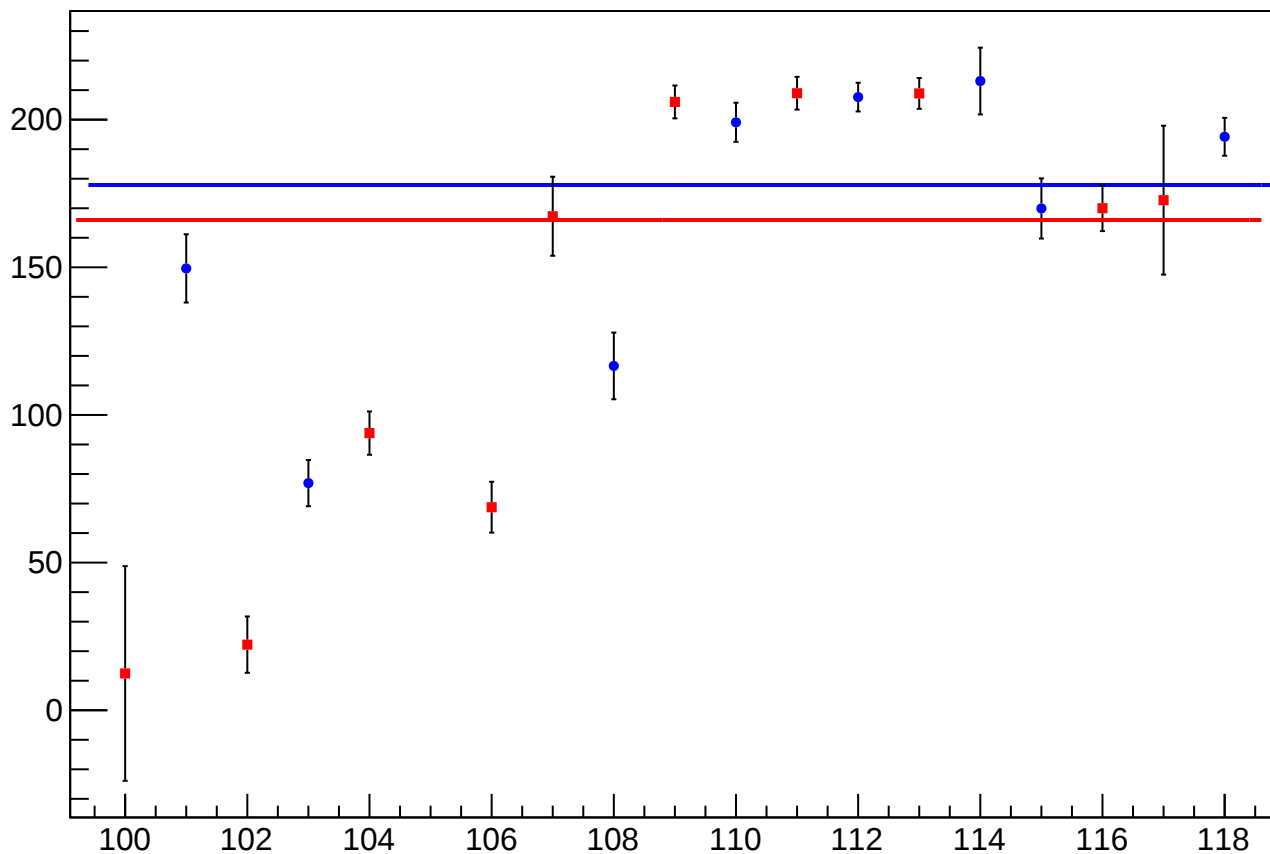
Right Out: -92.842+/-0.097 χ^2/NDF : 197260.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-109.784+/-0.110 χ^2/NDF : 46182.5/7

-92.842+/-0.097 χ^2/NDF : 197260.8/9

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug



Right In: 177.879+/-2.686 χ^2/NDF : 266.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

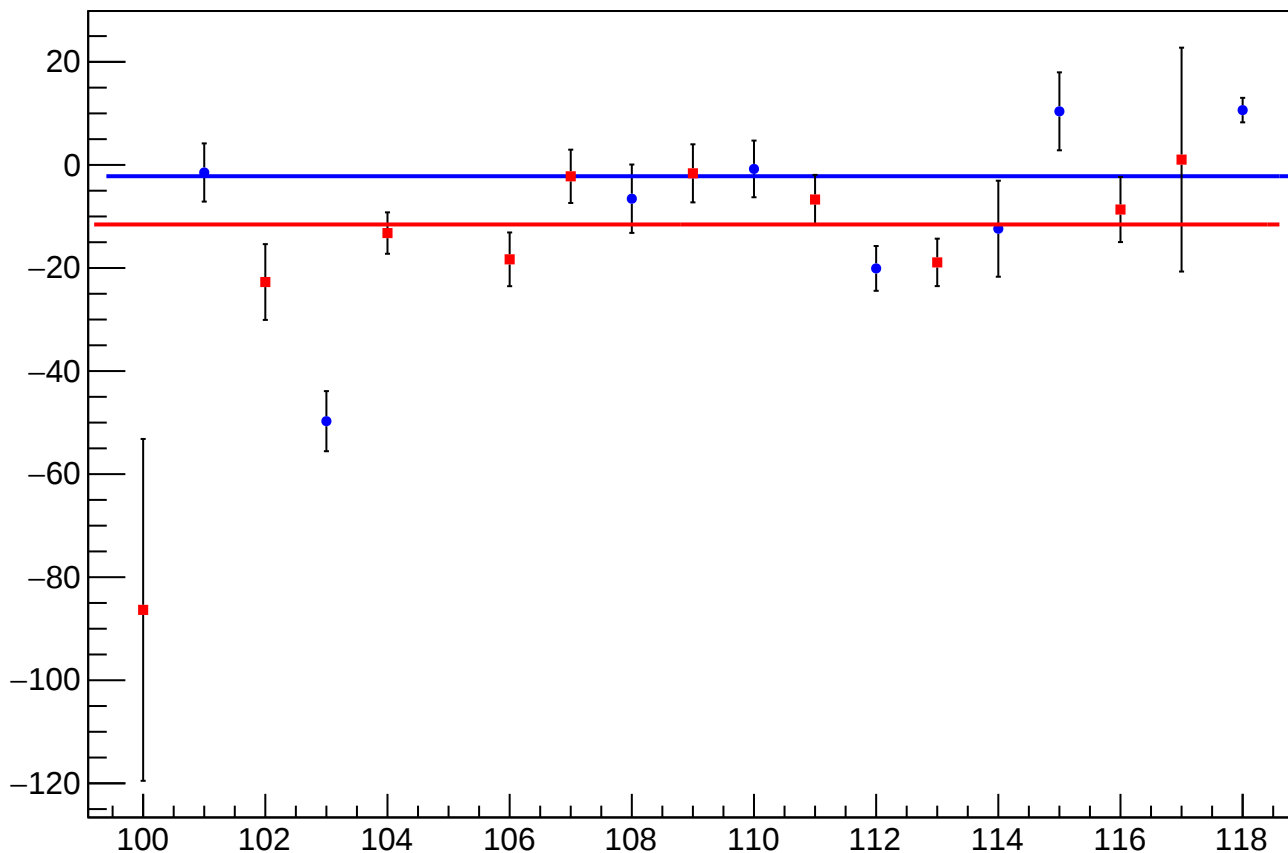
Right Out: 166.021+/-2.430 χ^2/NDF : 649.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

177.879+/-2.686 χ^2/NDF : 266.3/7

166.021+/-2.430 χ^2/NDF : 649.1/9

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: -2.190+/-1.632 χ^2/NDF : 117.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

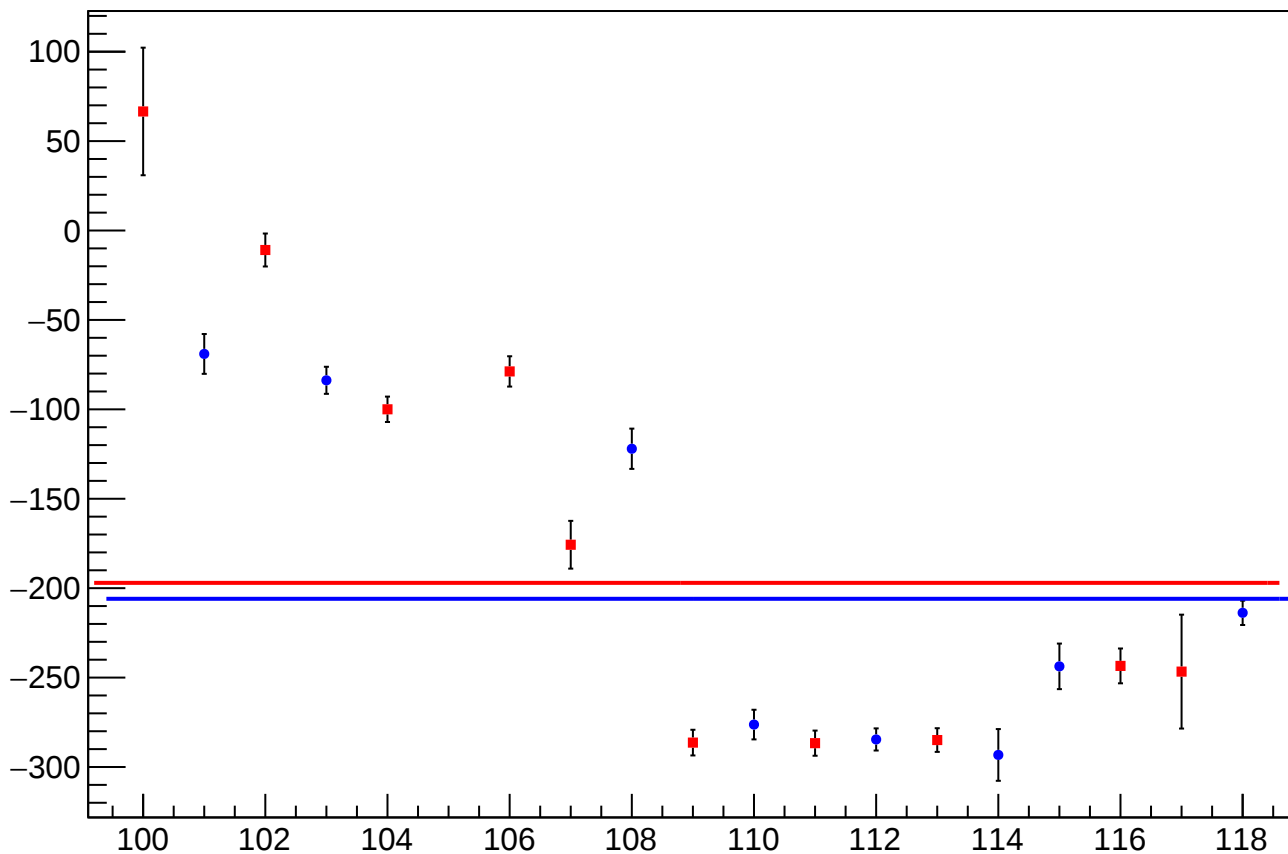
Right Out: -11.555+/-1.810 χ^2/NDF : 19.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.190+/-1.632 χ^2/NDF : 117.0/7

-11.555+/-1.810 χ^2/NDF : 19.7/9

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -205.942 $\pm$ 3.063 χ^2 /NDF: 747.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

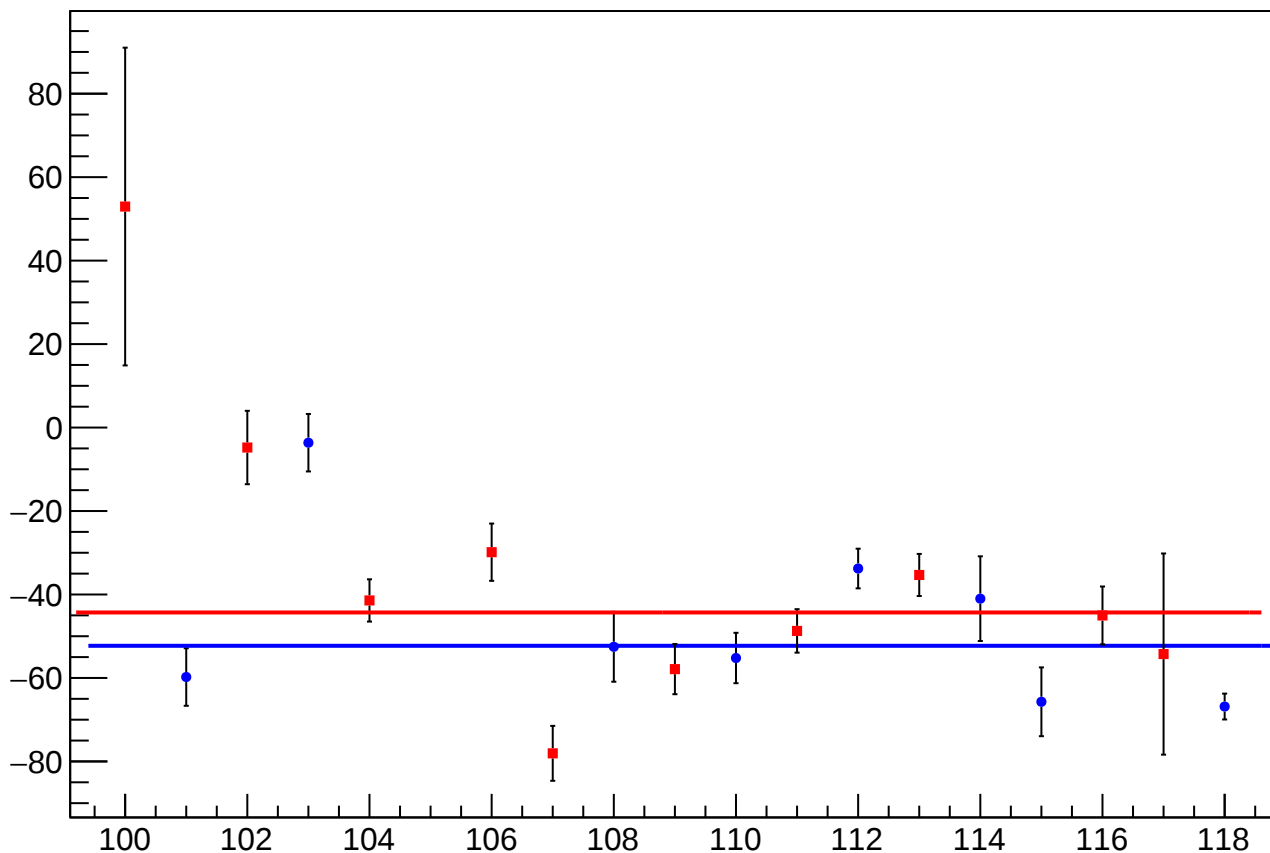
Right Out: -197.032 $\pm$ 2.819 χ^2 /NDF: 1365.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-205.942 $\pm$ 3.063 χ^2 /NDF: 747.4/7

-197.032 $\pm$ 2.819 χ^2 /NDF: 1365.0/9

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -52.291+/-1.973 χ^2/NDF : 92.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

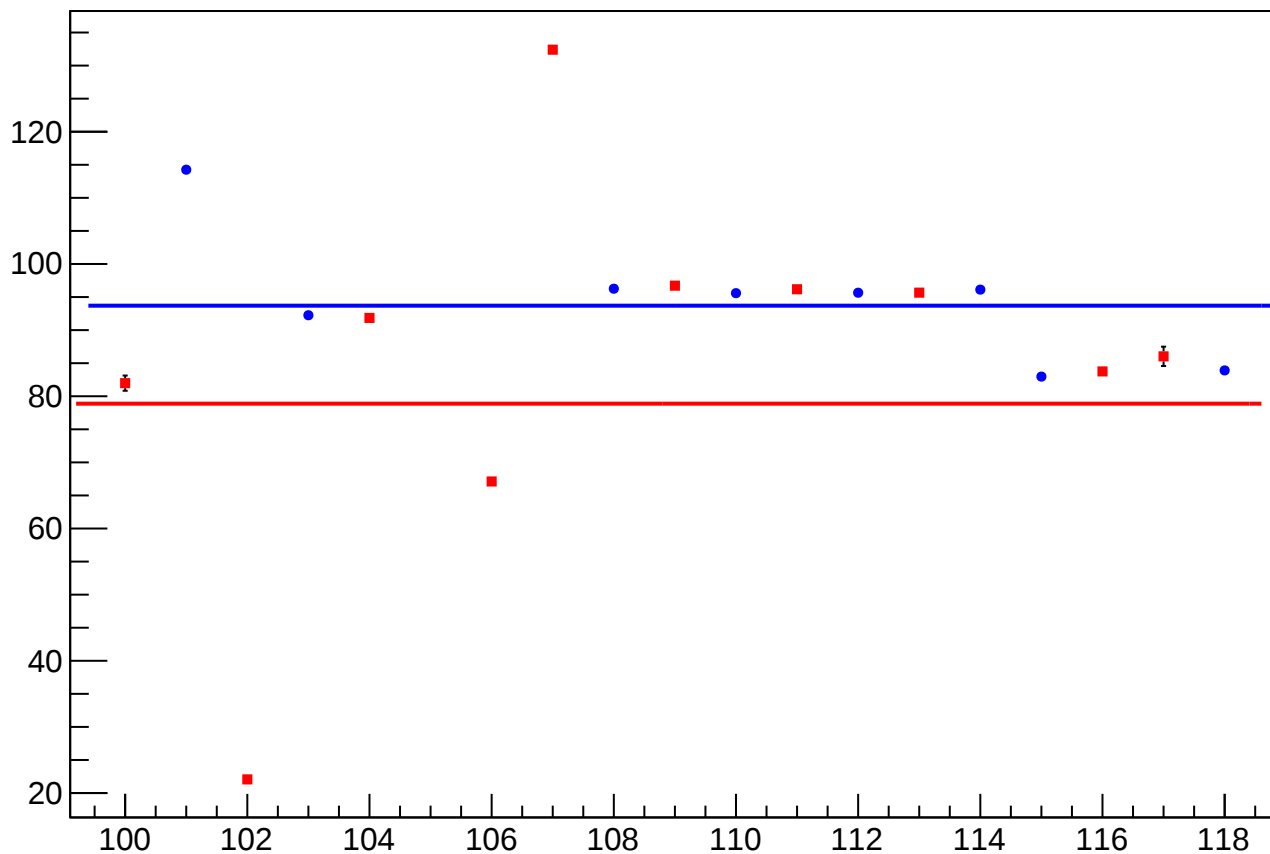
Right Out: -44.307+/-2.116 χ^2/NDF : 67.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-52.291+/-1.973 χ^2/NDF : 92.5/7

-44.307+/-2.116 χ^2/NDF : 67.0/9

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 93.696 $\pm$ 0.104 χ^2 /NDF: 4486.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

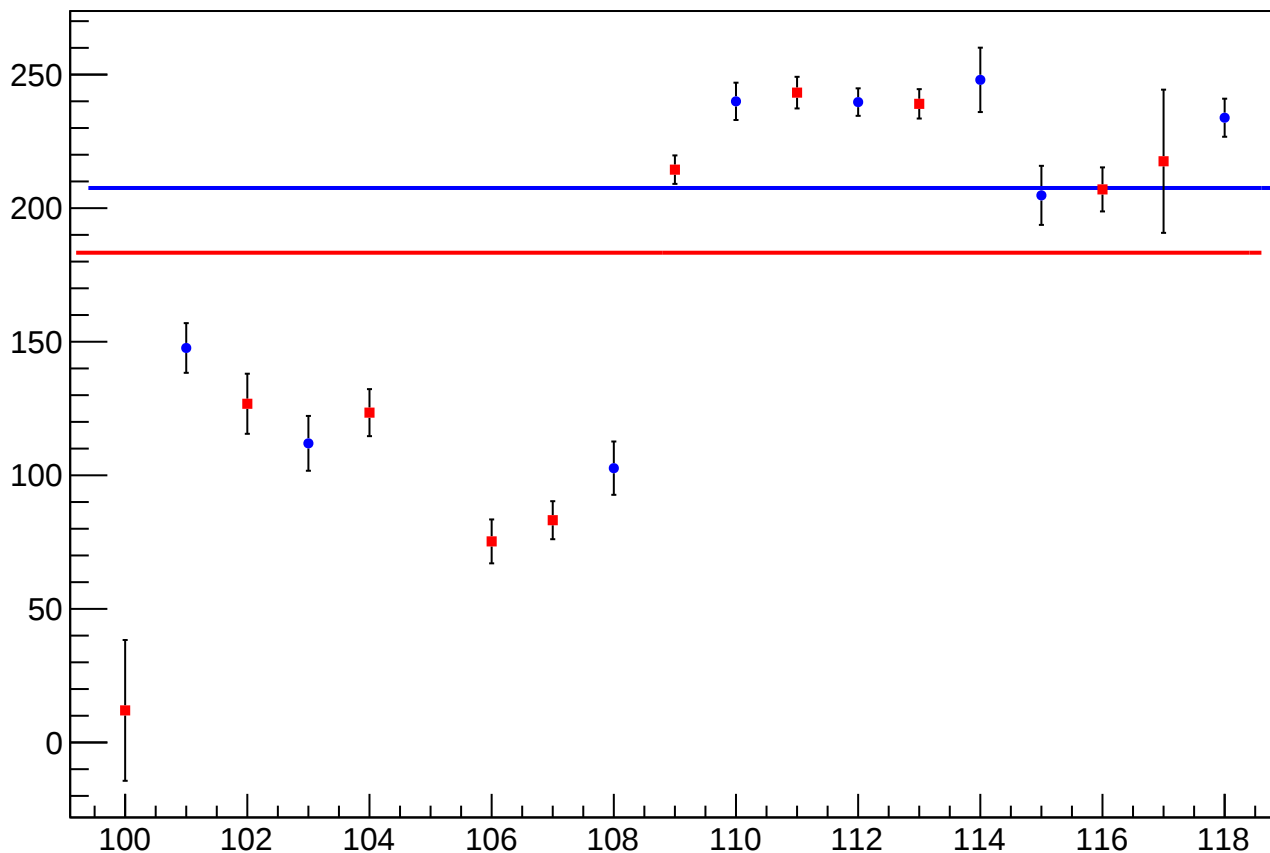
Right Out: 78.879 $\pm$ 0.090 χ^2 /NDF: 119426.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

93.696 $\pm$ 0.104 χ^2 /NDF: 4486.7/7

78.879 $\pm$ 0.090 χ^2 /NDF: 119426.5/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug



Right In: 207.552 $\pm$ 2.839 χ^2 /NDF: 324.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

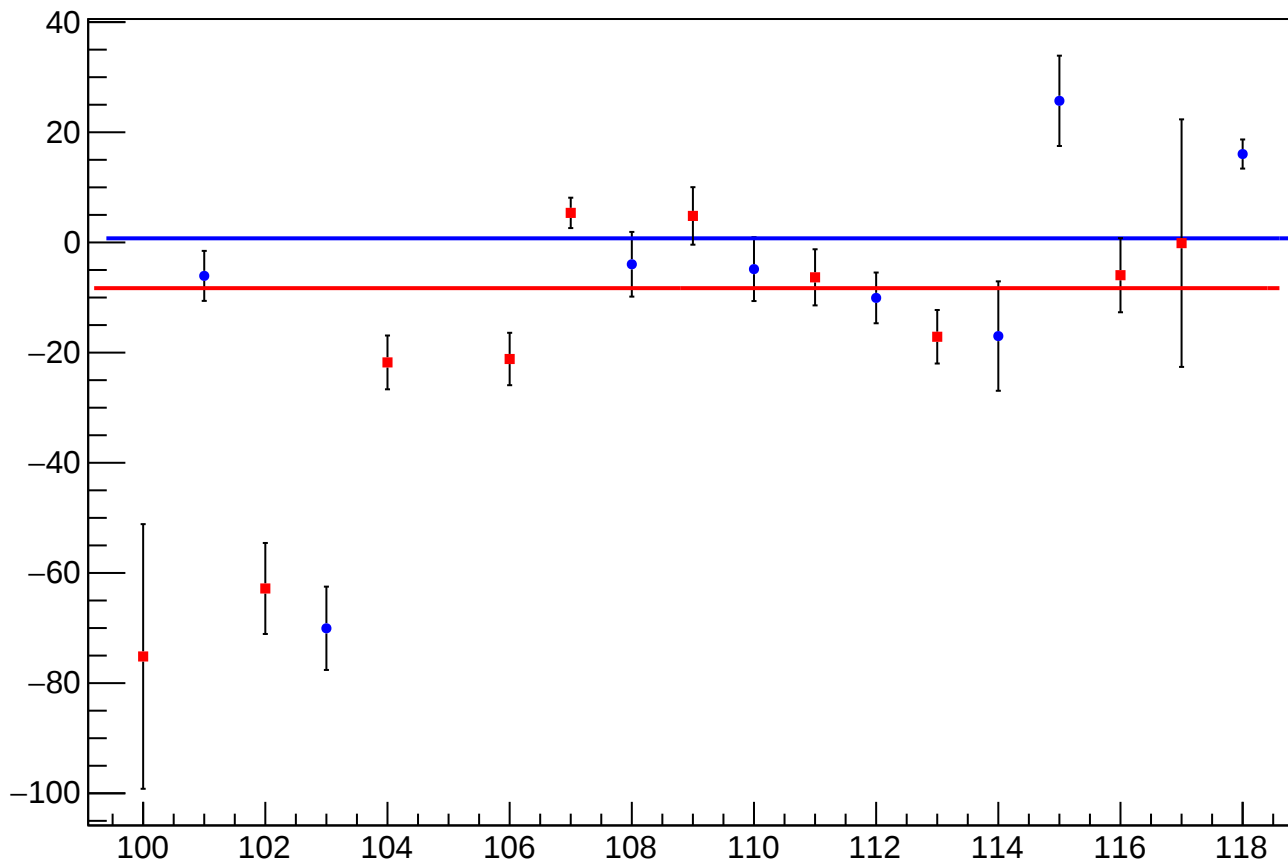
207.552 $\pm$ 2.839 χ^2 /NDF: 324.2/7

Right Out: 183.323 $\pm$ 2.427 χ^2 /NDF: 733.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

183.323 $\pm$ 2.427 χ^2 /NDF: 733.7/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 0.747+/-1.715 χ^2/NDF : 142.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

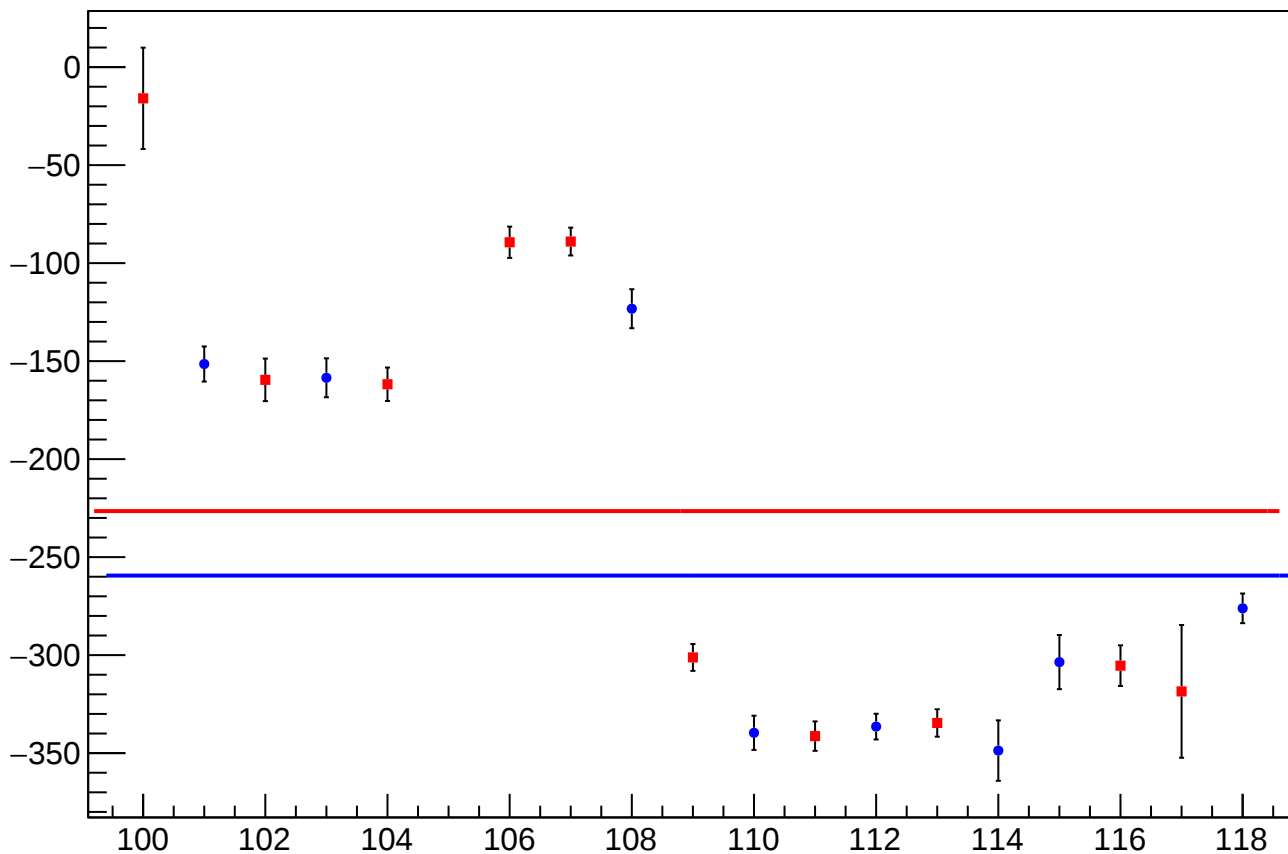
Right Out: -8.298+/-1.631 χ^2/NDF : 100.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.747+/-1.715 χ^2/NDF : 142.9/7

-8.298+/-1.631 χ^2/NDF : 100.8/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -259.413+/-3.227 χ^2/NDF : 706.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

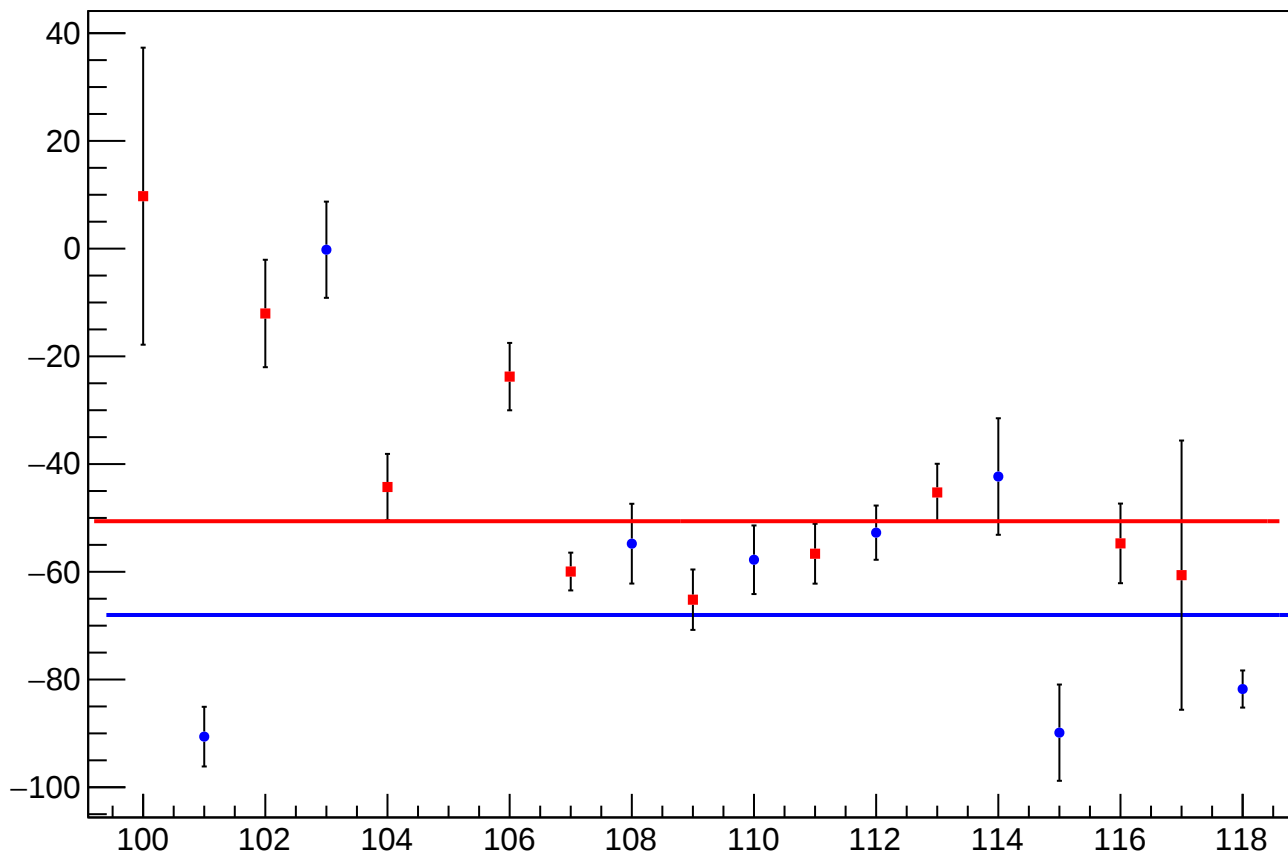
Right Out: -226.515+/-2.784 χ^2/NDF : 1489.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-259.413+/-3.227 χ^2/NDF : 706.8/7

-226.515+/-2.784 χ^2/NDF : 1489.7/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -68.017 $\pm$ 2.073 χ^2 /NDF: 116.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

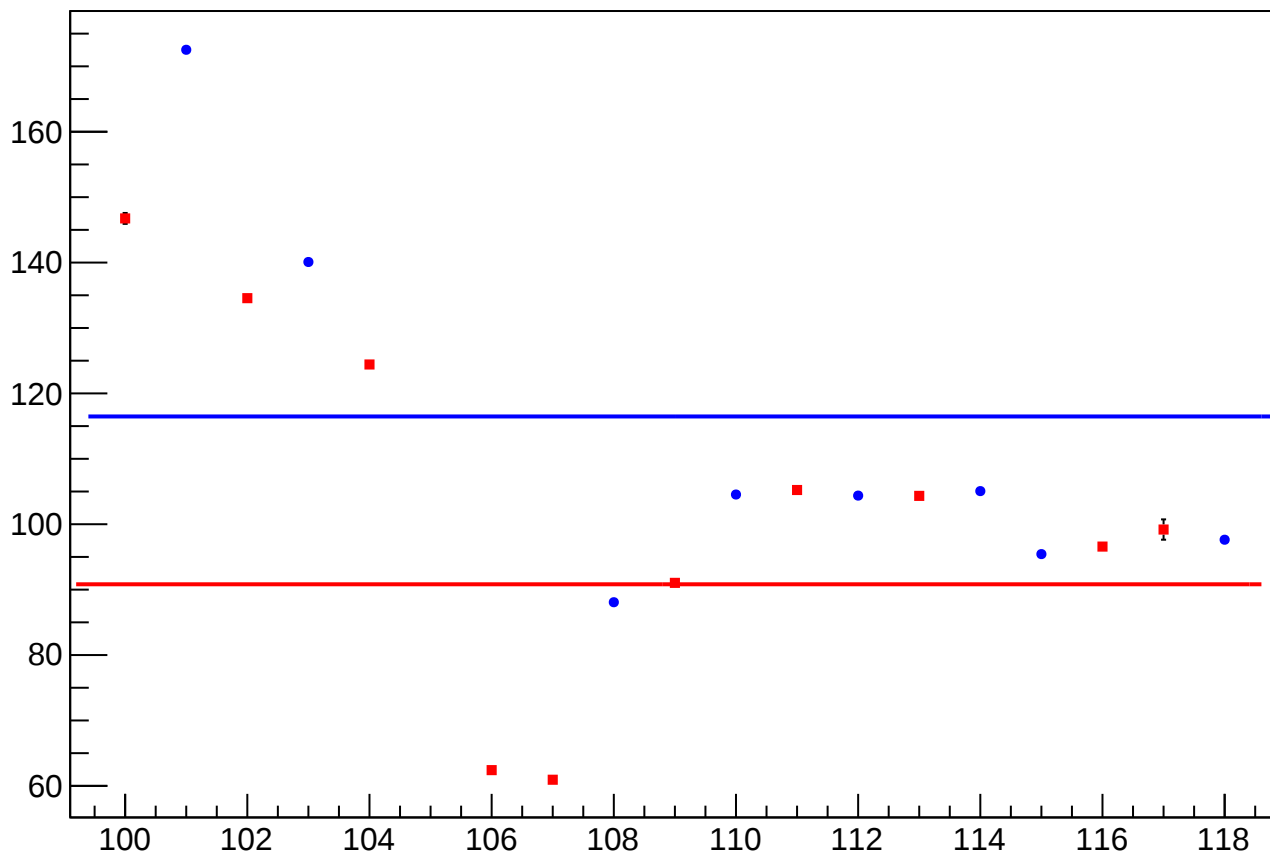
Right Out: -50.608 $\pm$ 1.946 χ^2 /NDF: 55.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-68.017 $\pm$ 2.073 χ^2 /NDF: 116.8/7

-50.608 $\pm$ 1.946 χ^2 /NDF: 55.7/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 116.474 $\pm$ 0.112 χ^2 /NDF: 64661.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

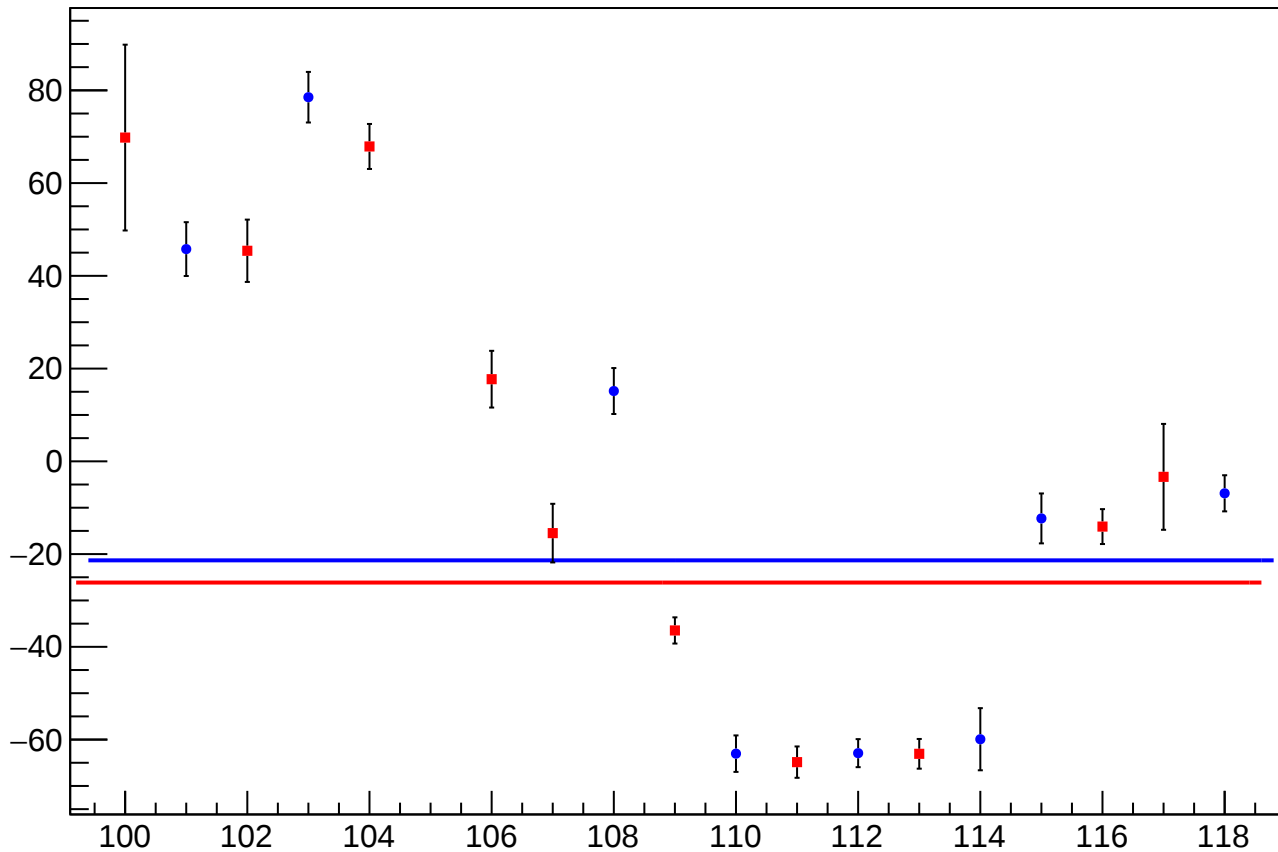
Right Out: 90.818 $\pm$ 0.087 χ^2 /NDF: 113054.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

116.474 $\pm$ 0.112 χ^2 /NDF: 64661.7/7

90.818 $\pm$ 0.087 χ^2 /NDF: 113054.6/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug



Right In: -21.352 $\pm$ 1.580 χ^2 /NDF: 874.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

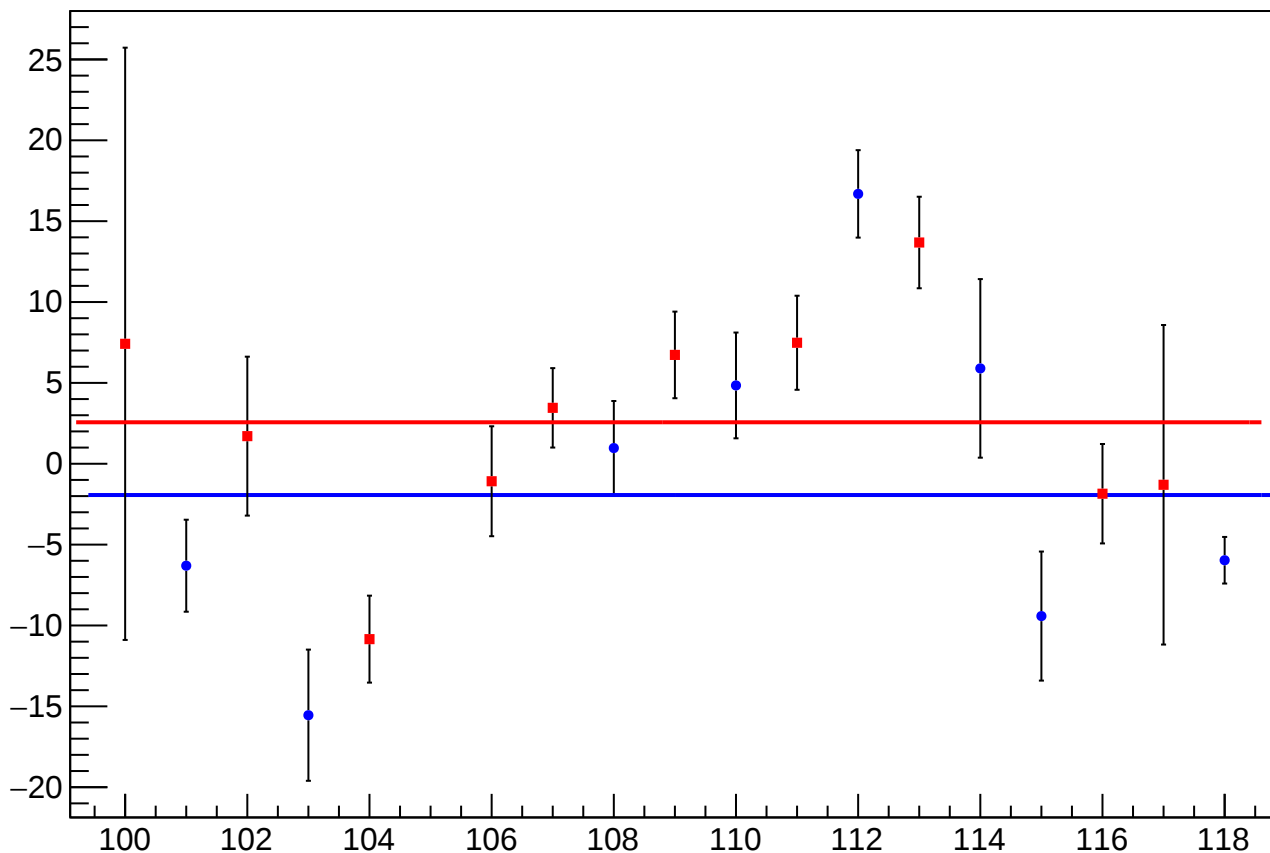
Right Out: -26.139 $\pm$ 1.404 χ^2 /NDF: 857.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-21.352 $\pm$ 1.580 χ^2 /NDF: 874.3/7

-26.139 $\pm$ 1.404 χ^2 /NDF: 857.7/9

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -1.934+/-0.949 χ^2/NDF : 79.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

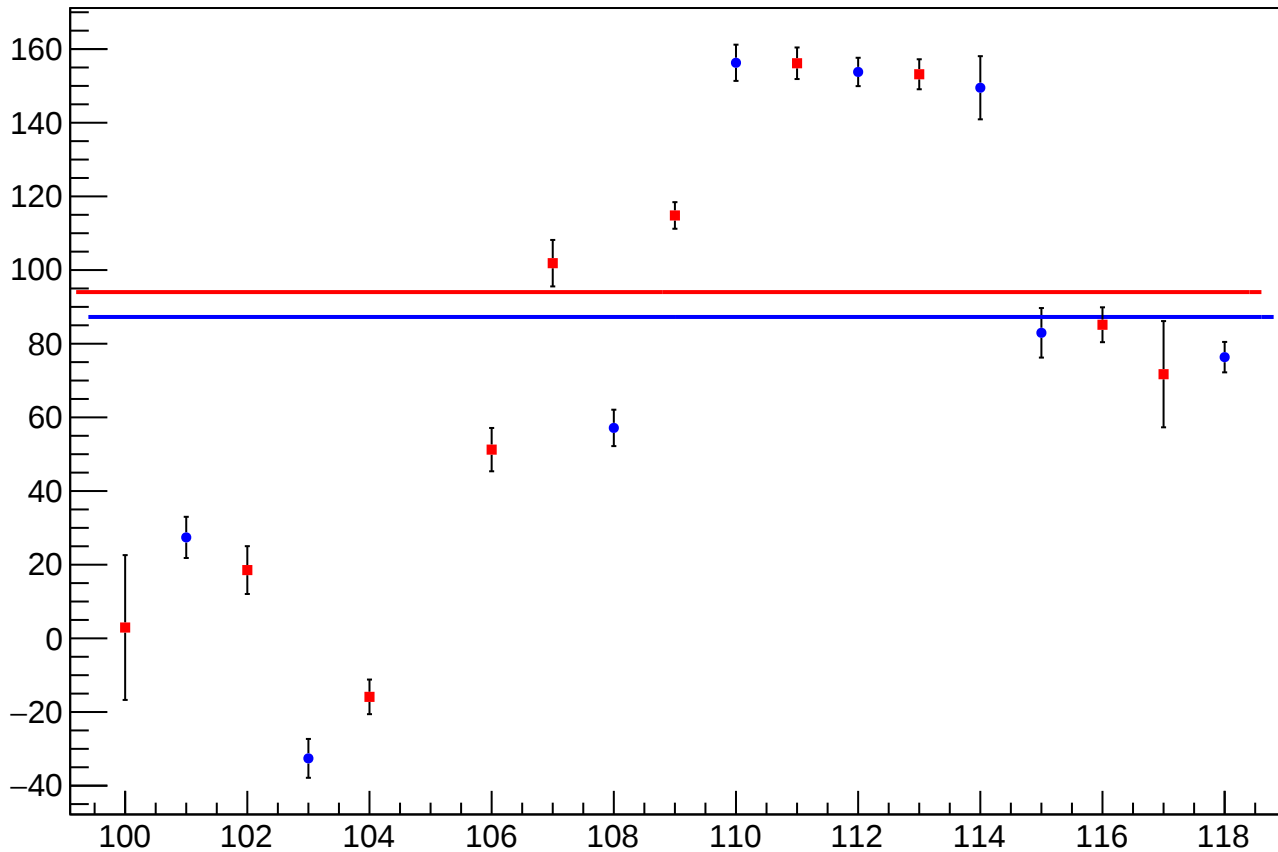
Right Out: 2.565+/-1.035 χ^2/NDF : 49.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.934+/-0.949 χ^2/NDF : 79.7/7

2.565+/-1.035 χ^2/NDF : 49.2/9

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 87.262+/-1.790 χ^2 /NDF: 1223.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

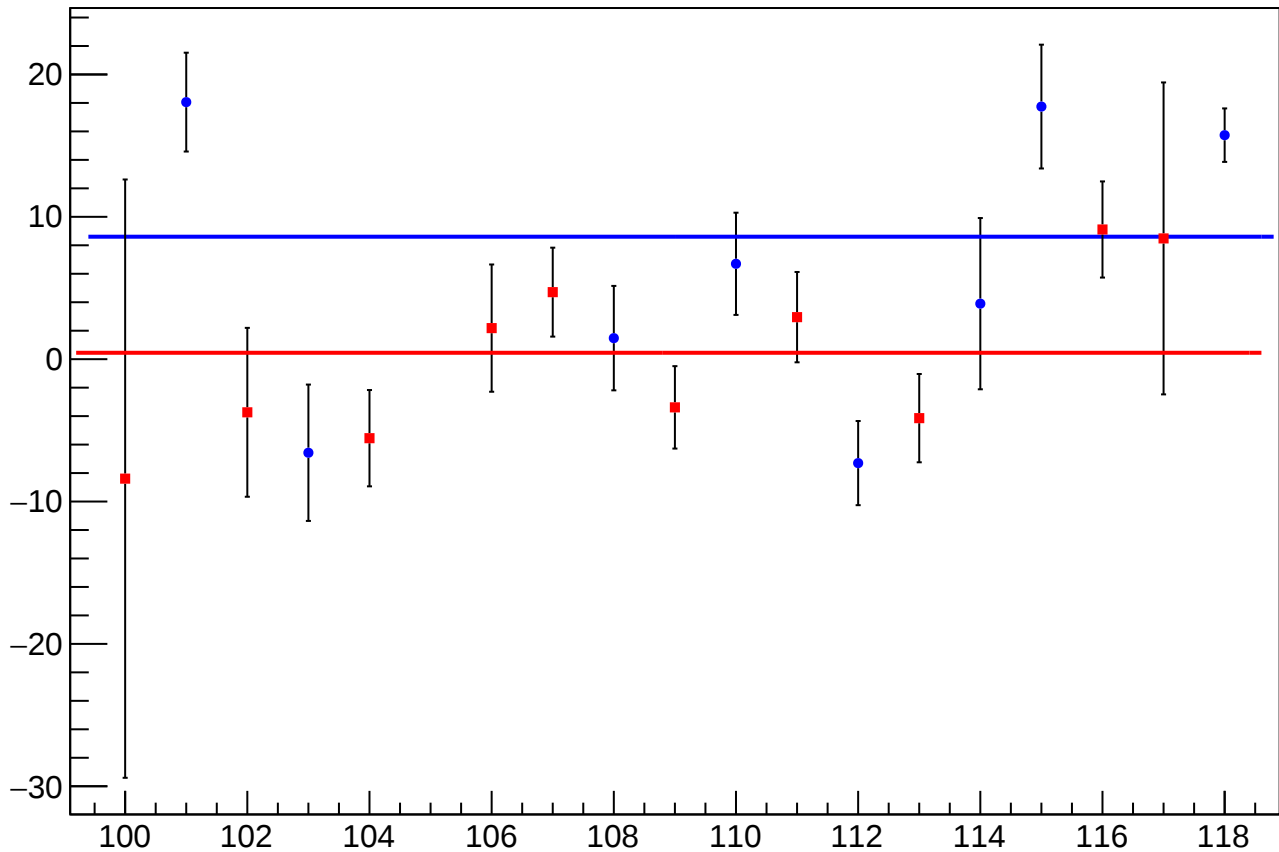
Right Out: 94.019+/-1.652 χ^2 /NDF: 1218.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

87.262+/-1.790 χ^2 /NDF: 1223.2/7

94.019+/-1.652 χ^2 /NDF: 1218.5/9

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 8.604 $\pm$ 1.149 χ^2 /NDF: 69.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

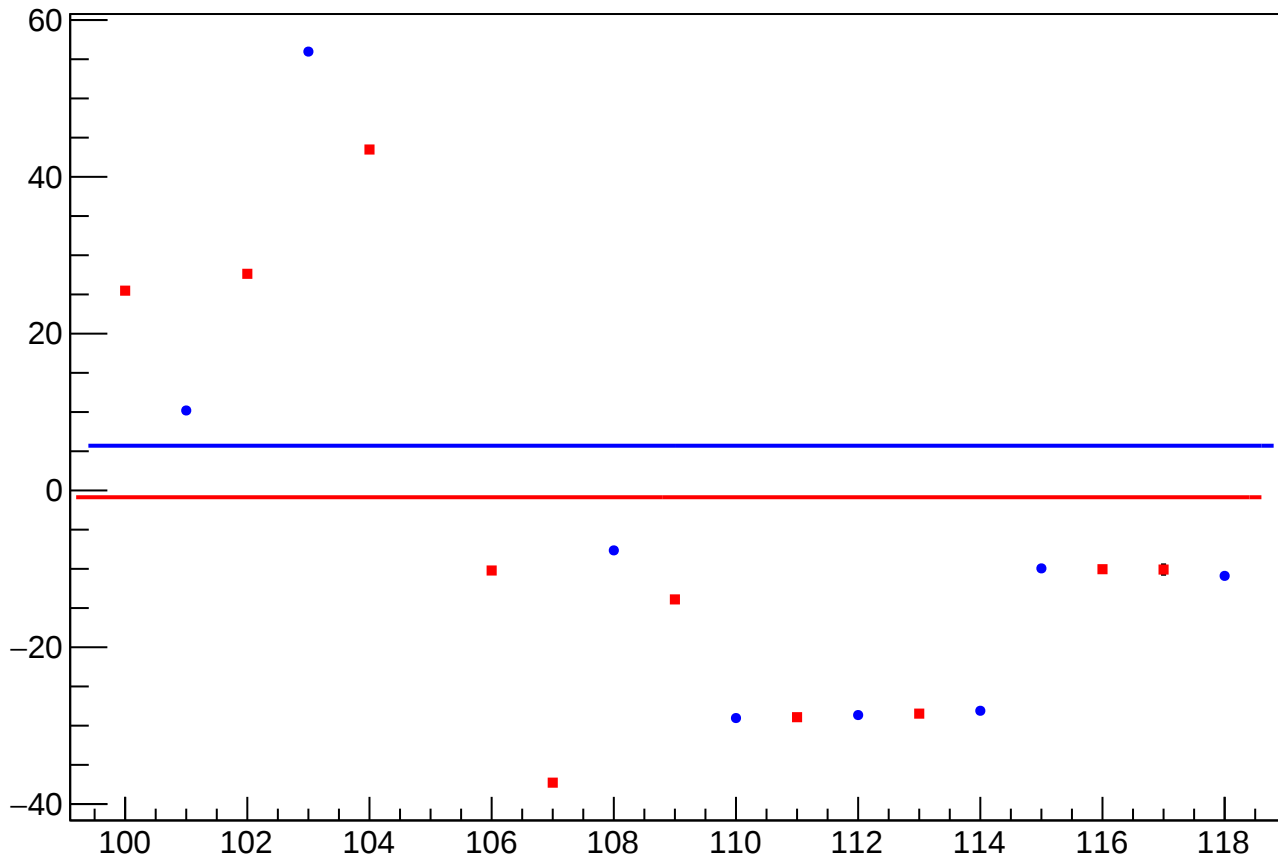
Right Out: 0.450 $\pm$ 1.205 χ^2 /NDF: 17.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.604 $\pm$ 1.149 χ^2 /NDF: 69.9/7

0.450 $\pm$ 1.205 χ^2 /NDF: 17.5/9

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 5.705+/-0.060 χ^2/NDF : 272186.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

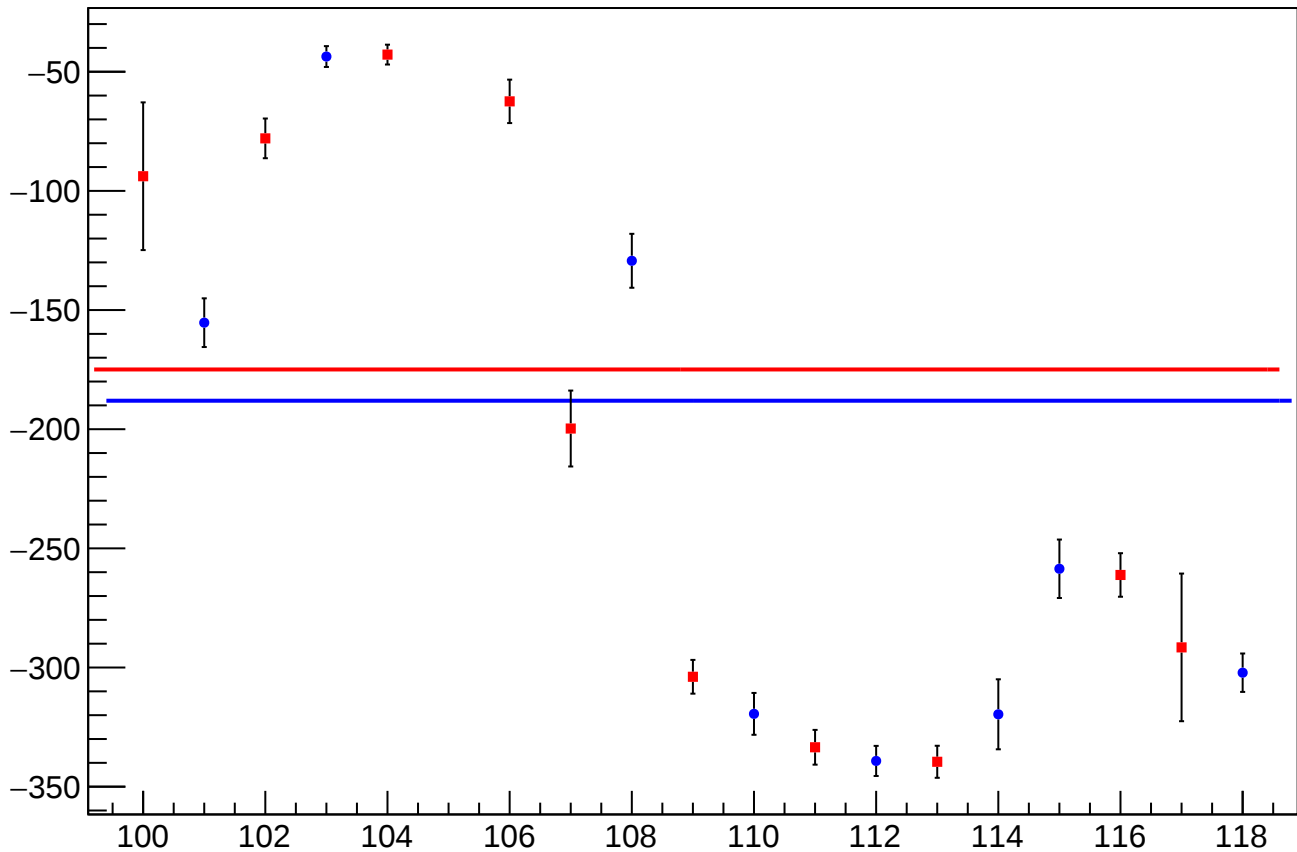
Right Out: -0.866+/-0.056 χ^2/NDF : 292512.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5.705+/-0.060 χ^2/NDF : 272186.3/7

-0.866+/-0.056 χ^2/NDF : 292512.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug



Right In: -188.046+/-2.727 χ^2/NDF : 2239.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

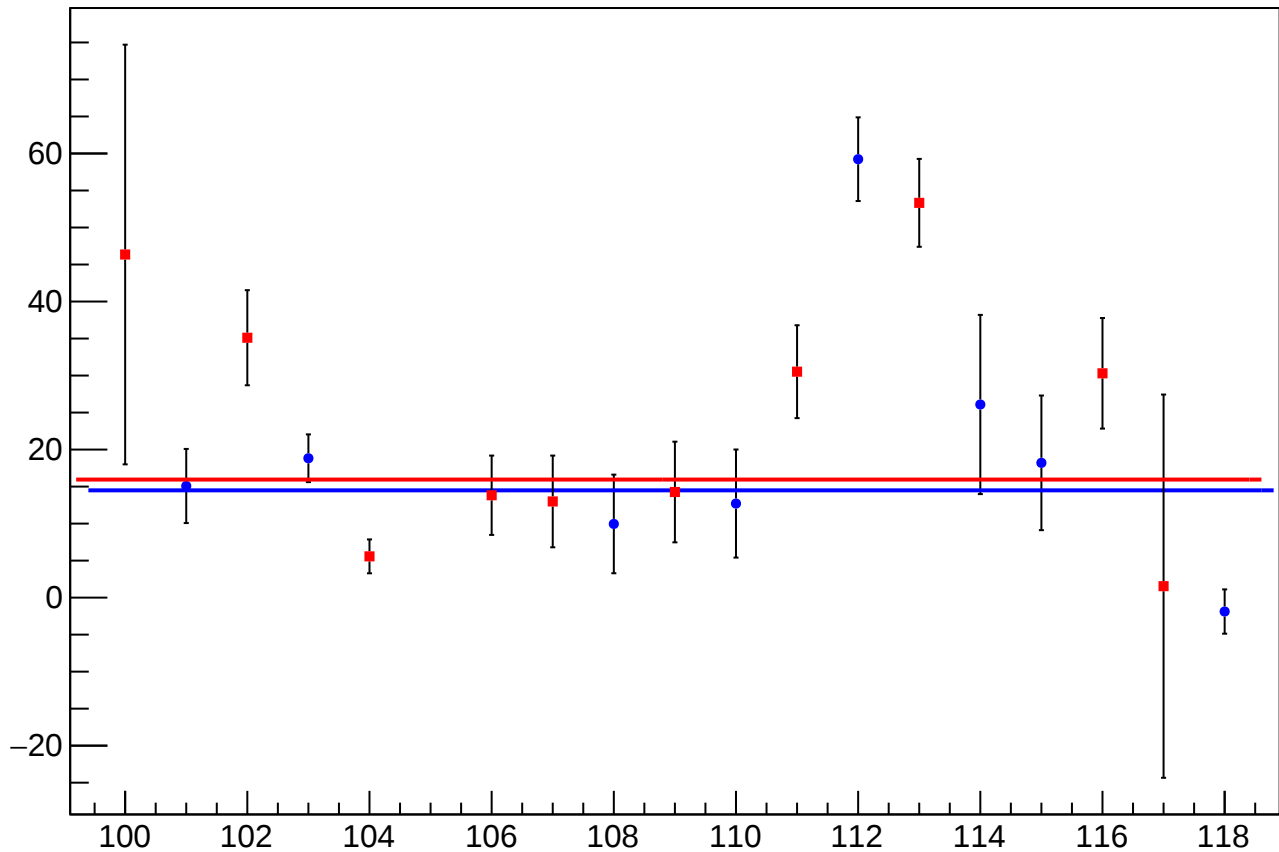
Right Out: -174.932+/-2.477 χ^2/NDF : 2810.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-188.046+/-2.727 χ^2/NDF : 2239.3/7

-174.932+/-2.477 χ^2/NDF : 2810.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 14.492+/-1.717 χ^2/NDF : 96.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

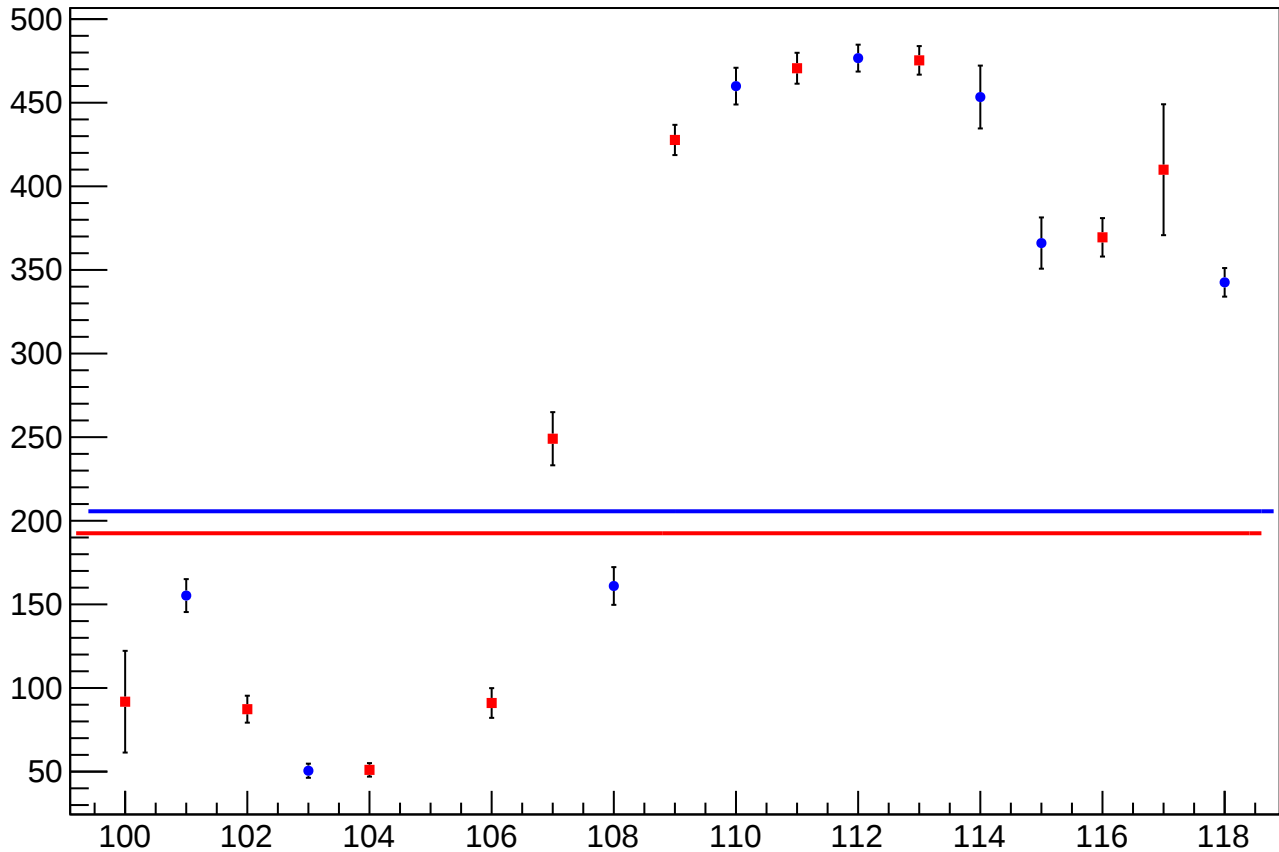
Right Out: 15.949+/-1.639 χ^2/NDF : 80.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.492+/-1.717 χ^2/NDF : 96.0/7

15.949+/-1.639 χ^2/NDF : 80.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 205.678+/-2.903 χ^2/NDF : 3599.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

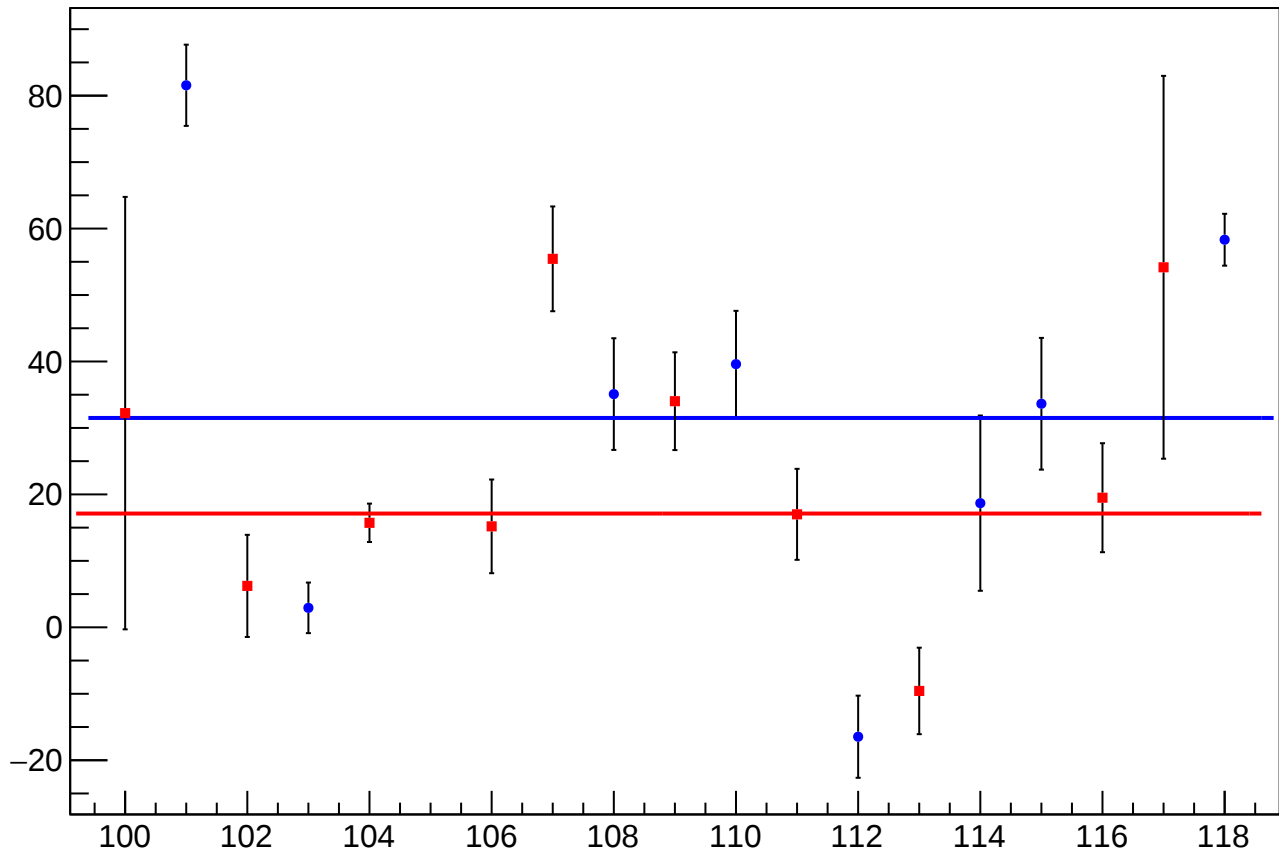
Right Out: 192.532+/-2.669 χ^2/NDF : 4500.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

205.678+/-2.903 χ^2/NDF : 3599.1/7

192.532+/-2.669 χ^2/NDF : 4500.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 31.503 $\pm$ 2.070 χ^2 /NDF: 233.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

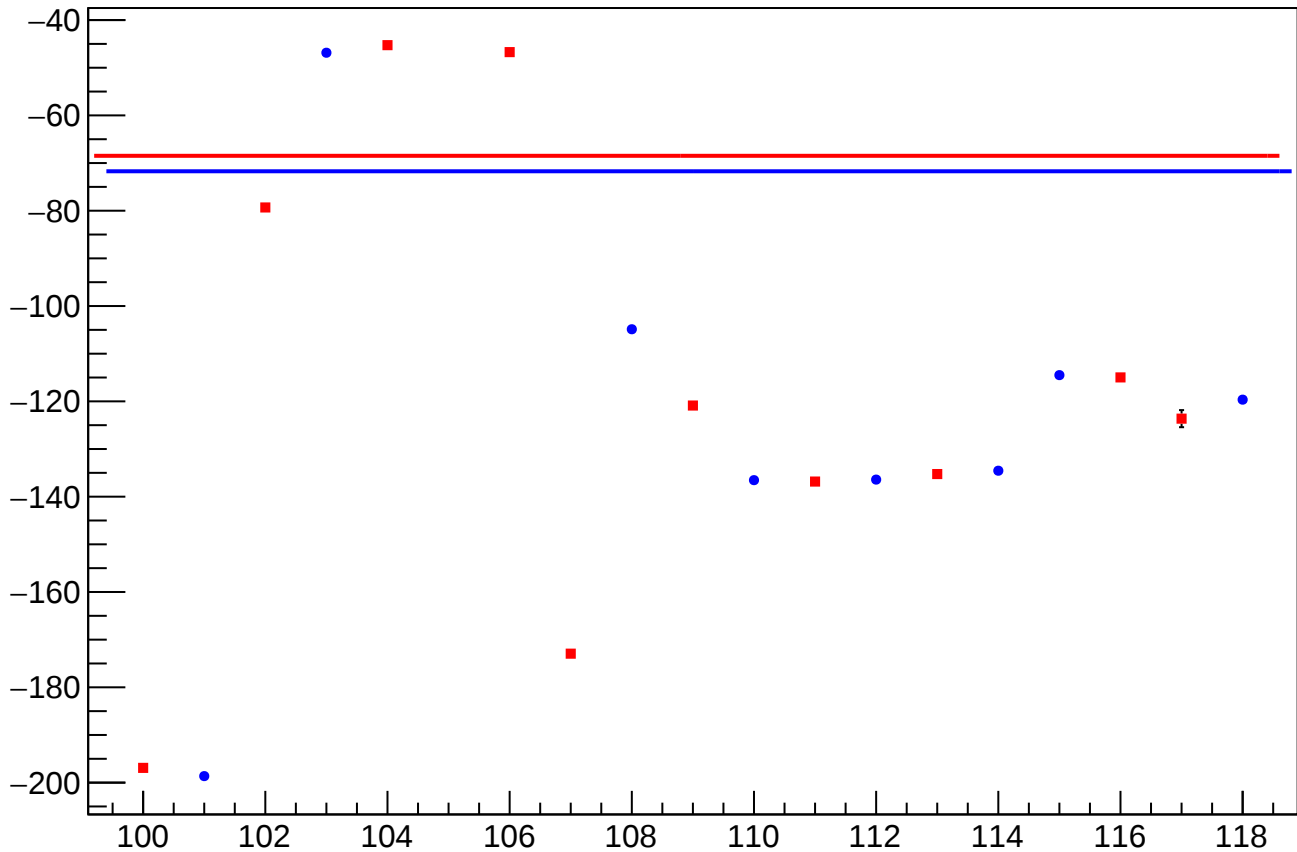
Right Out: 17.120 $\pm$ 1.987 χ^2 /NDF: 50.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

31.503 $\pm$ 2.070 χ^2 /NDF: 233.2/7

17.120 $\pm$ 1.987 χ^2 /NDF: 50.0/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -71.726+/-0.080 χ^2/NDF : 285715.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

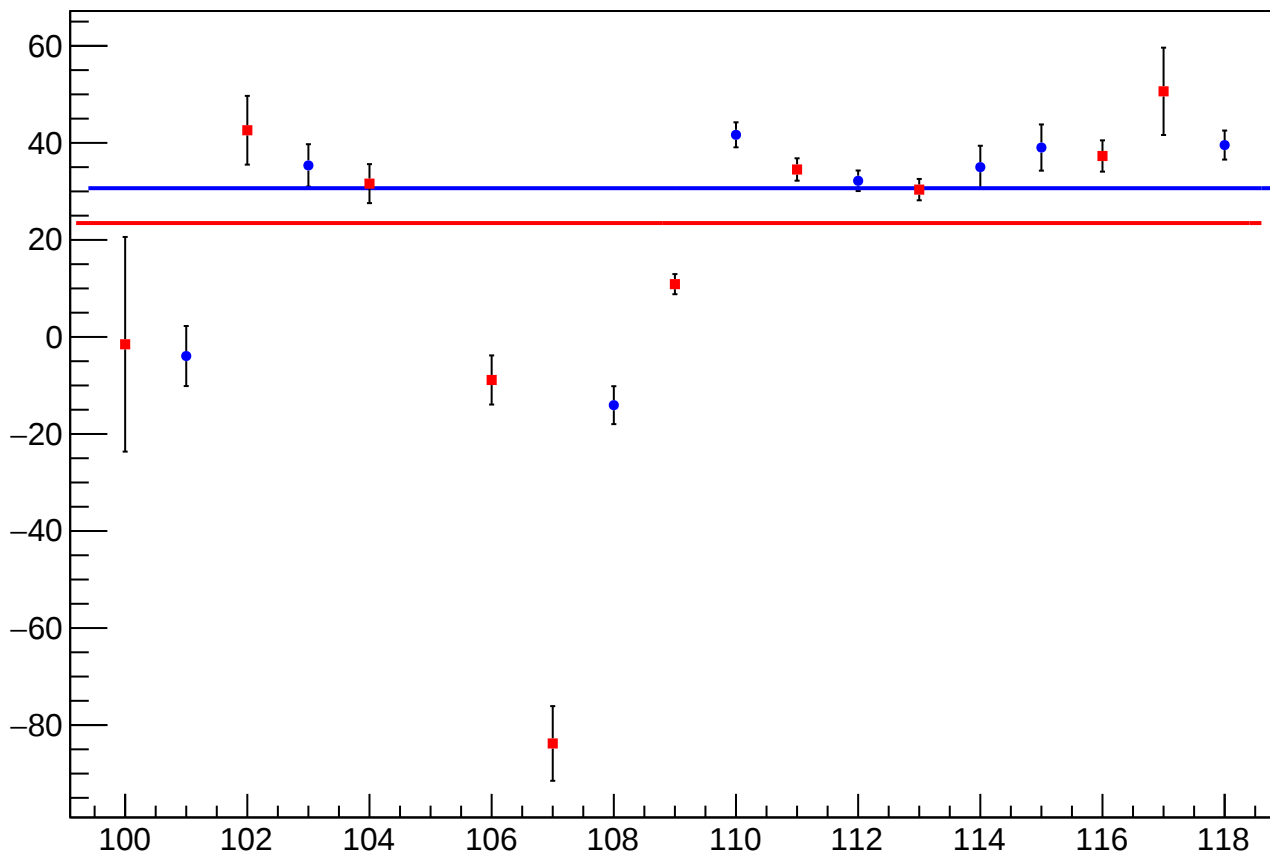
-71.726+/-0.080 χ^2/NDF : 285715.2/7

Right Out: -68.480+/-0.075 χ^2/NDF : 246731.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-68.480+/-0.075 χ^2/NDF : 246731.5/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug



Right In: 30.661+/-1.174 χ^2 /NDF: 195.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

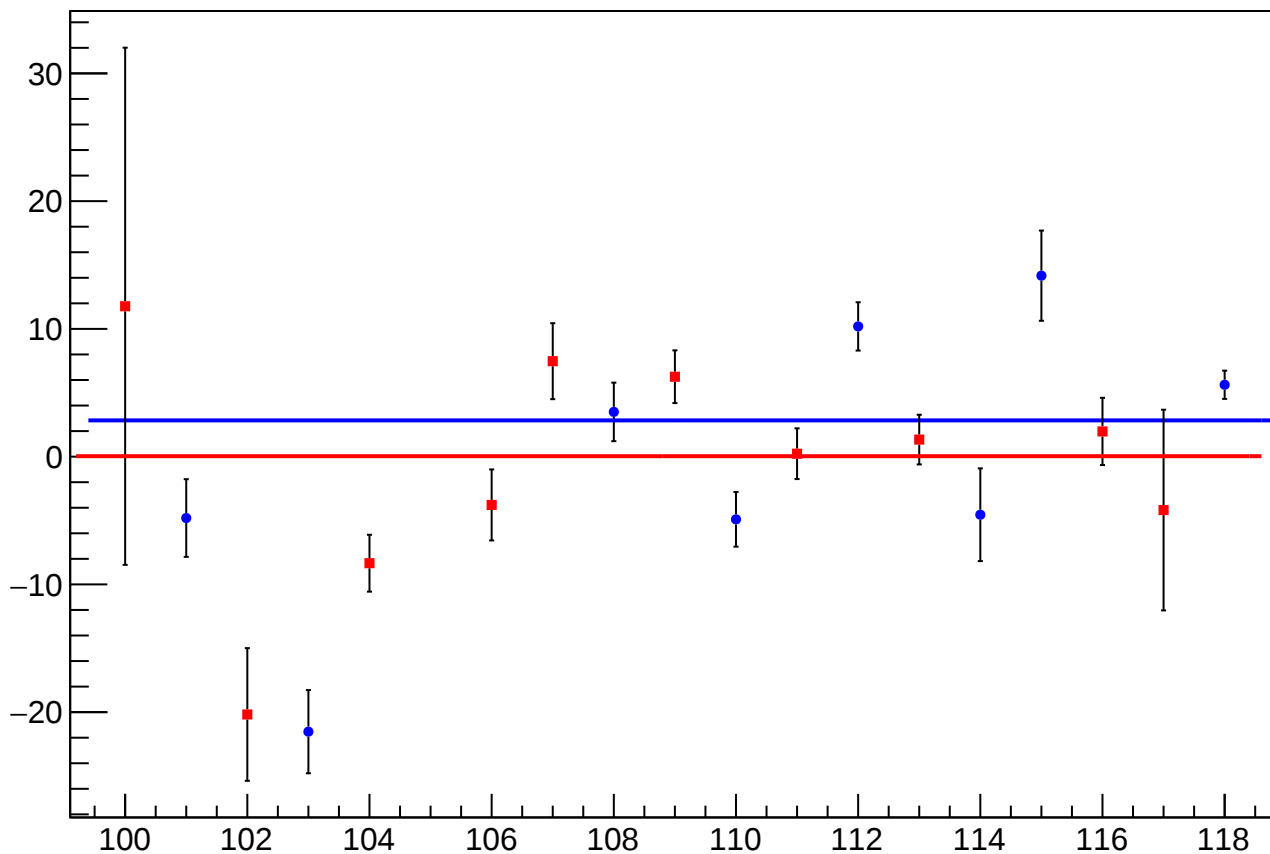
Right Out: 23.475+/-1.069 χ^2 /NDF: 344.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

30.661+/-1.174 χ^2 /NDF: 195.1/7

23.475+/-1.069 χ^2 /NDF: 344.8/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 2.838 $\pm$ 0.732 χ^2 /NDF: 111.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

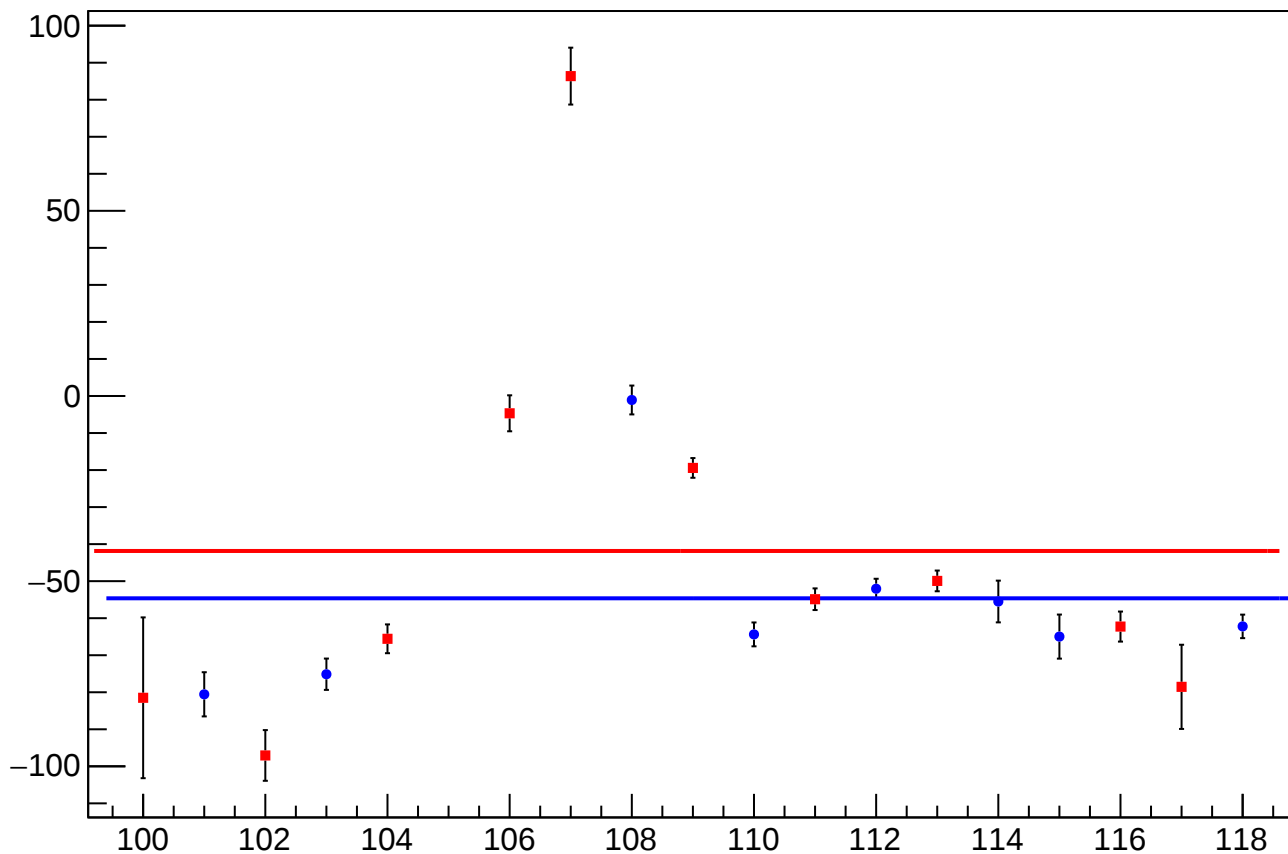
Right Out: 0.036 $\pm$ 0.846 χ^2 /NDF: 48.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2.838 $\pm$ 0.732 χ^2 /NDF: 111.4/7

0.036 $\pm$ 0.846 χ^2 /NDF: 48.1/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.631+/-1.357 χ^2/NDF : 250.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

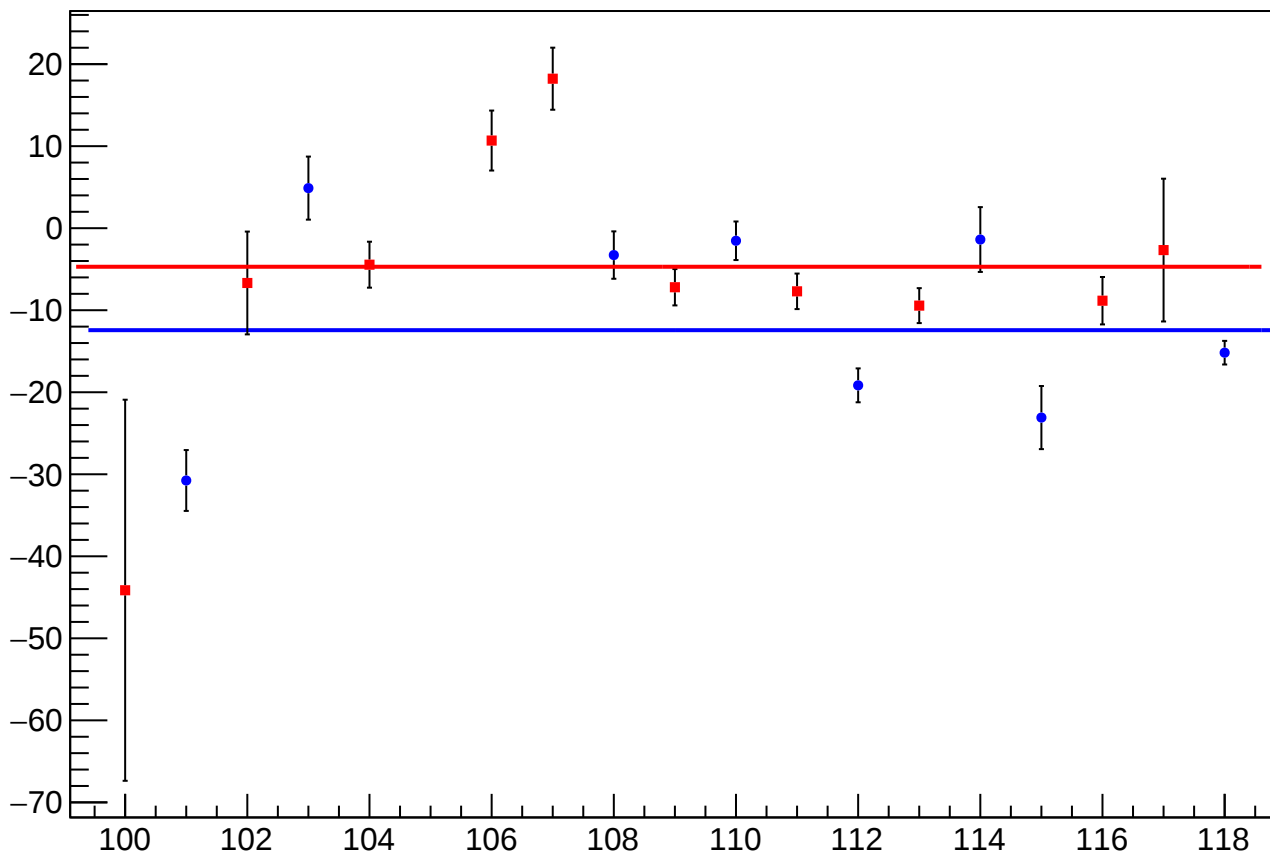
Right Out: -41.849+/-1.287 χ^2/NDF : 577.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-54.631+/-1.357 χ^2/NDF : 250.1/7

-41.849+/-1.287 χ^2/NDF : 577.6/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.432+/-0.881 χ^2/NDF : 106.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

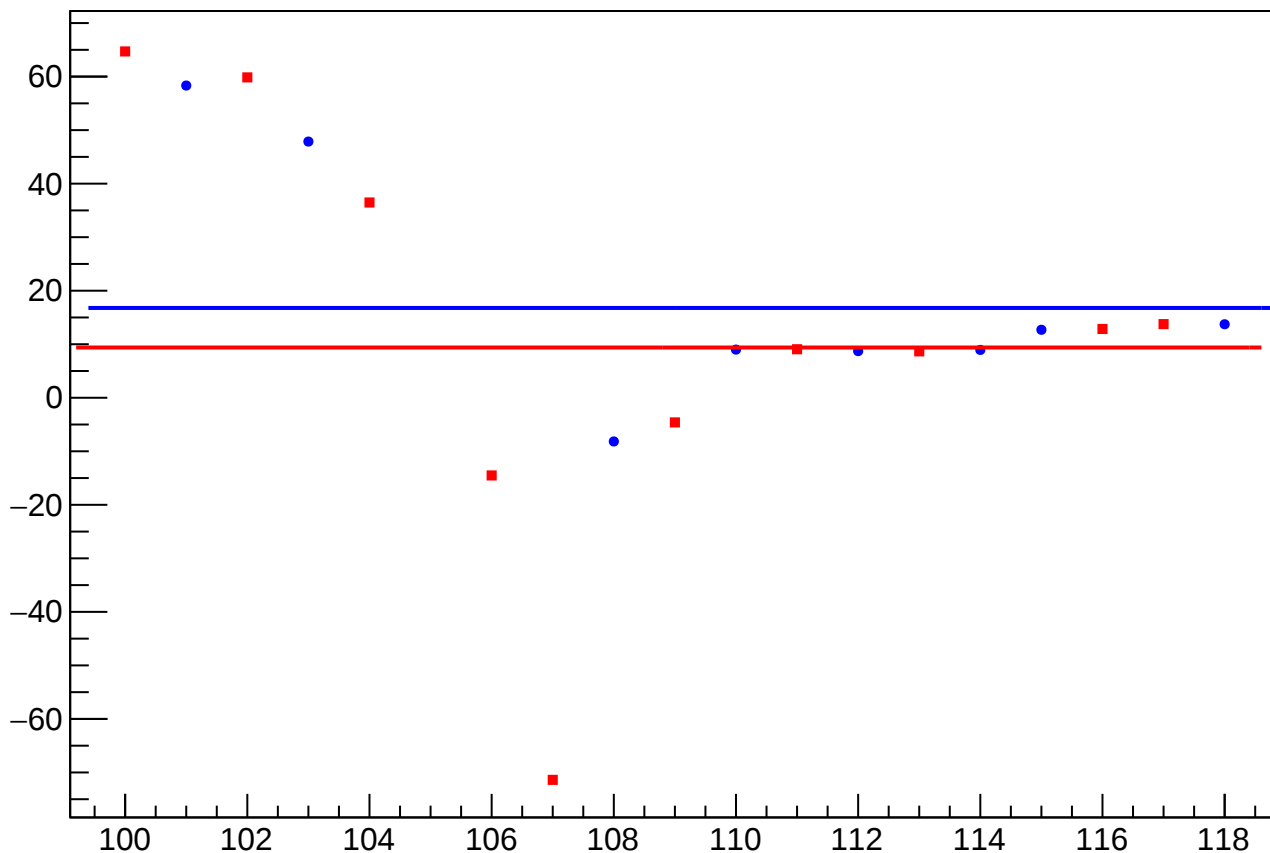
Right Out: -4.701+/-0.967 χ^2/NDF : 67.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.432+/-0.881 χ^2/NDF : 106.0/7

-4.701+/-0.967 χ^2/NDF : 67.7/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 16.779+/-0.047 χ^2/NDF : 232110.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

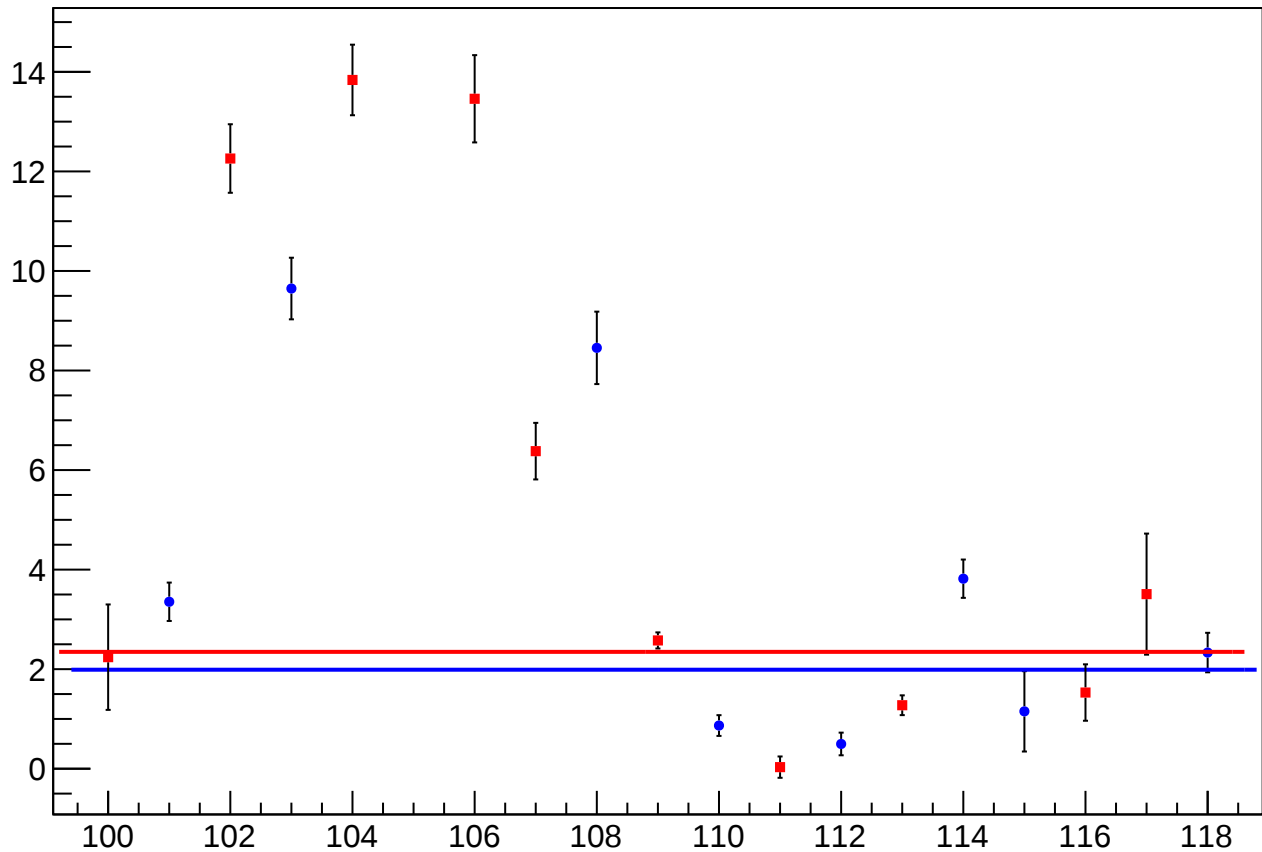
Right Out: 9.389+/-0.047 χ^2/NDF : 437218.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

16.779+/-0.047 χ^2/NDF : 232110.2/7

9.389+/-0.047 χ^2/NDF : 437218.1/9

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug



Right In: 1.989+/-0.121 χ^2/NDF : 340.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

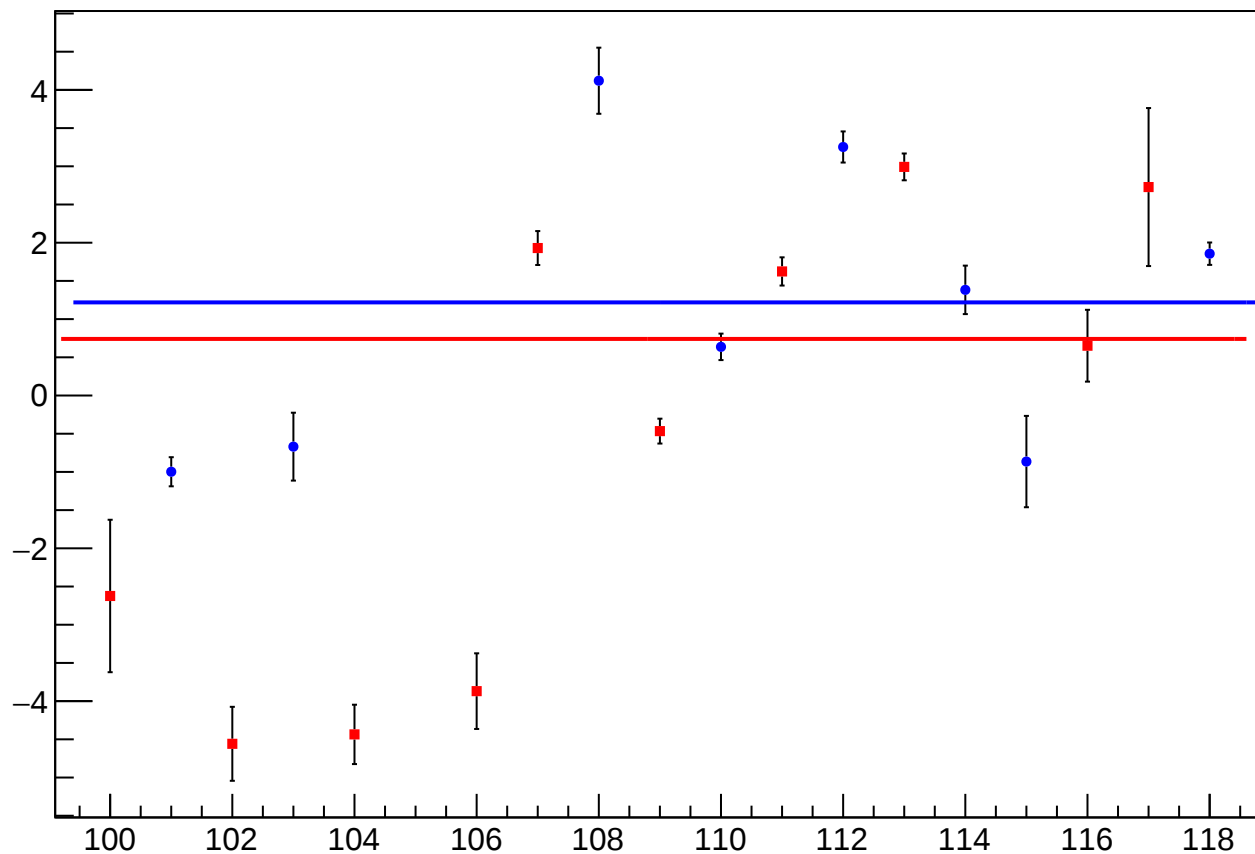
Right Out: 2.348+/-0.101 χ^2/NDF : 831.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.989+/-0.121 χ^2/NDF : 340.9/7

2.348+/-0.101 χ^2/NDF : 831.8/9

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.219 $\pm$ 0.080 χ^2 /NDF: 340.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

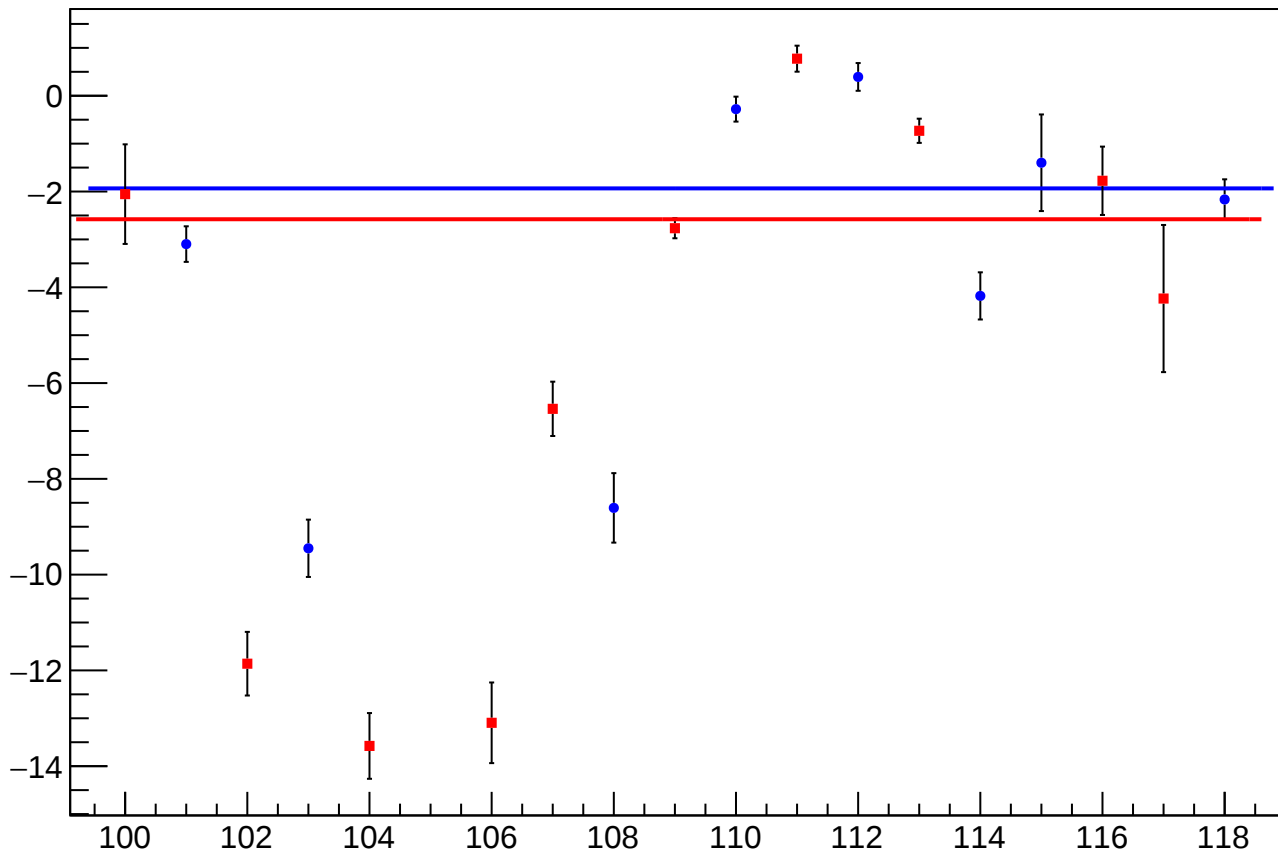
Right Out: 0.741 $\pm$ 0.084 χ^2 /NDF: 670.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.219 $\pm$ 0.080 χ^2 /NDF: 340.8/7

0.741 $\pm$ 0.084 χ^2 /NDF: 670.4/9

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -1.934+/-0.142 χ^2/NDF : 378.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

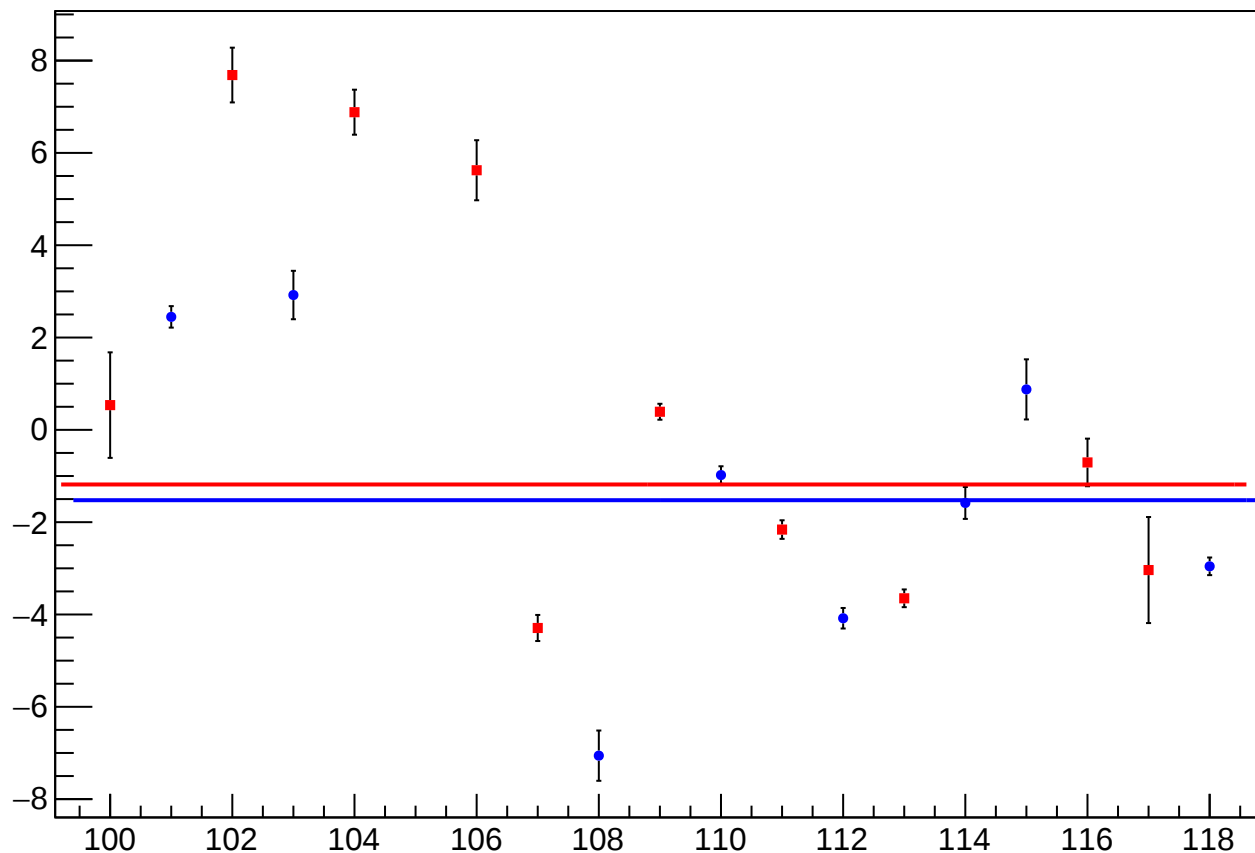
Right Out: -2.579+/-0.125 χ^2/NDF : 865.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.934+/-0.142 χ^2/NDF : 378.3/7

-2.579+/-0.125 χ^2/NDF : 865.8/9

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.524+/-0.095 χ^2/NDF : 676.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

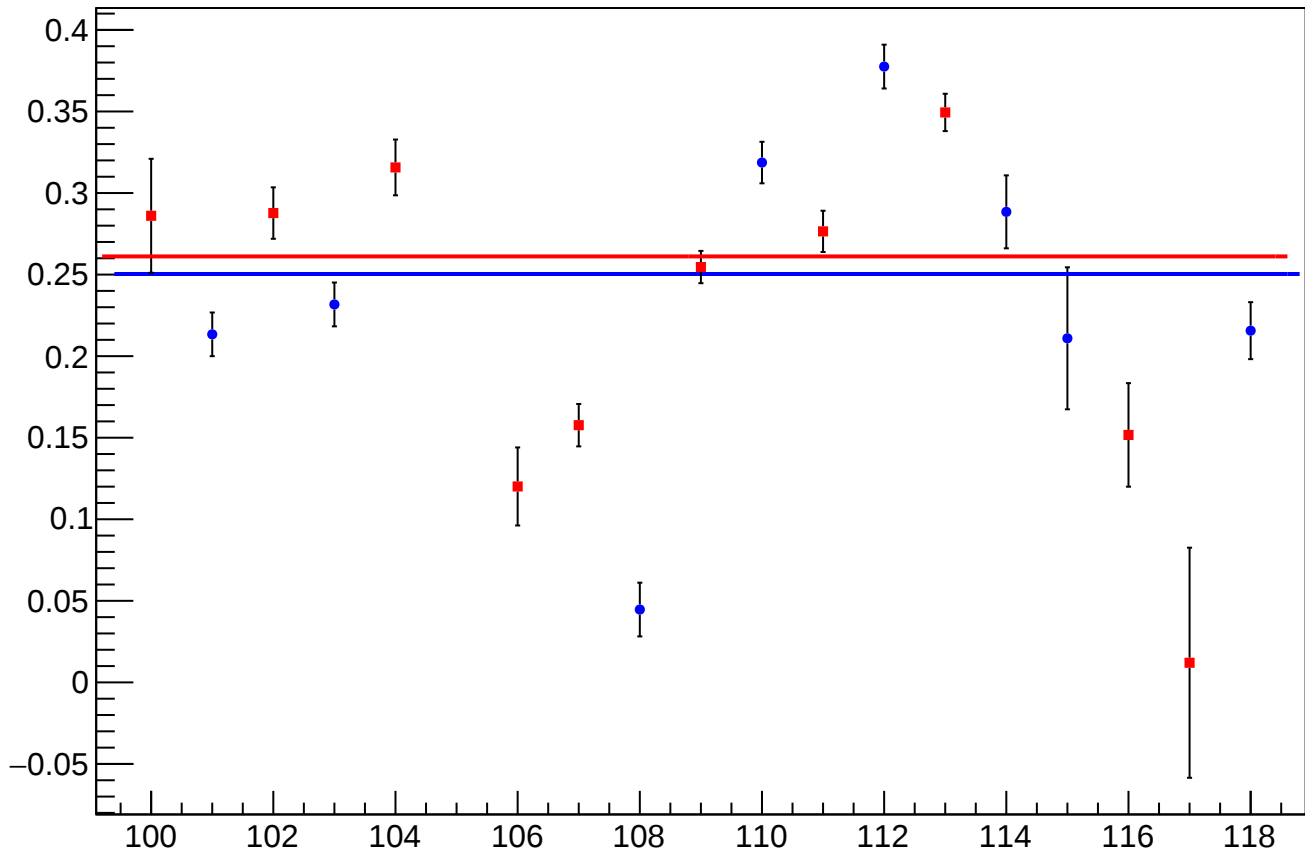
Right Out: -1.183+/-0.094 χ^2/NDF : 1005.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.524+/-0.095 χ^2/NDF : 676.5/7

-1.183+/-0.094 χ^2/NDF : 1005.4/9

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.250+/-0.006 χ^2/NDF : 291.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

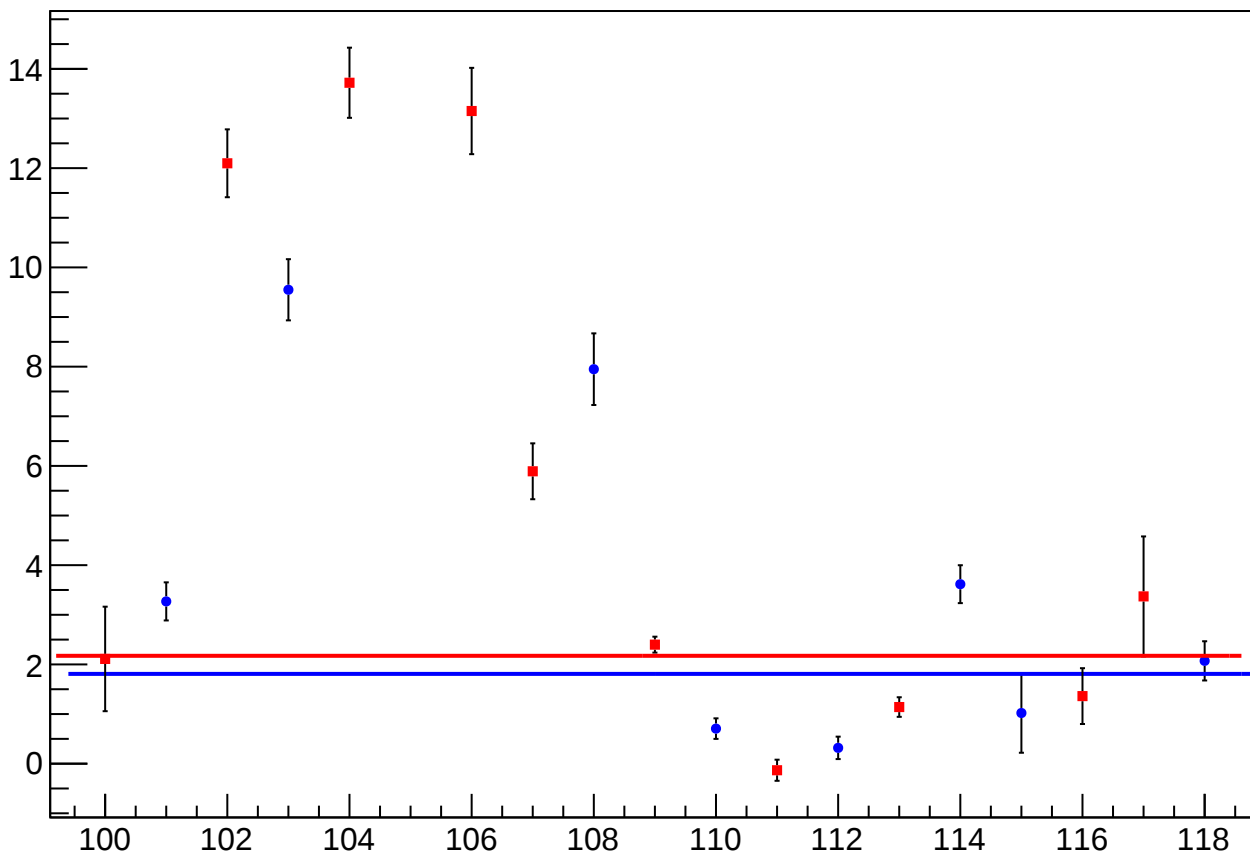
Right Out: 0.261+/-0.005 χ^2/NDF : 197.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.250+/-0.006 χ^2/NDF : 291.8/7

0.261+/-0.005 χ^2/NDF : 197.3/9

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug



Right In: 1.809+/-0.120 χ^2/NDF : 340.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

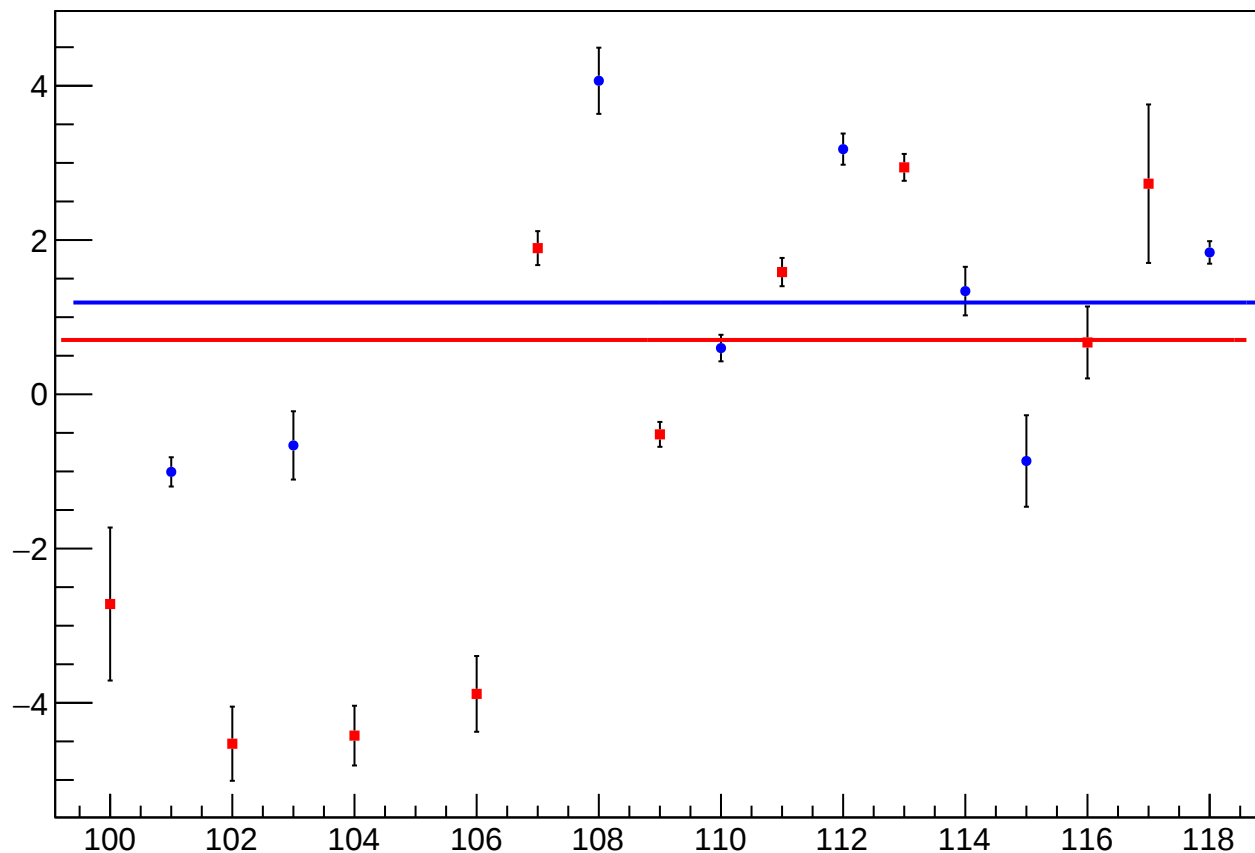
Right Out: 2.174+/-0.100 χ^2/NDF : 830.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.809+/-0.120 χ^2/NDF : 340.2/7

2.174+/-0.100 χ^2/NDF : 830.3/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.190 $\pm$ 0.080 χ^2 /NDF: 337.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

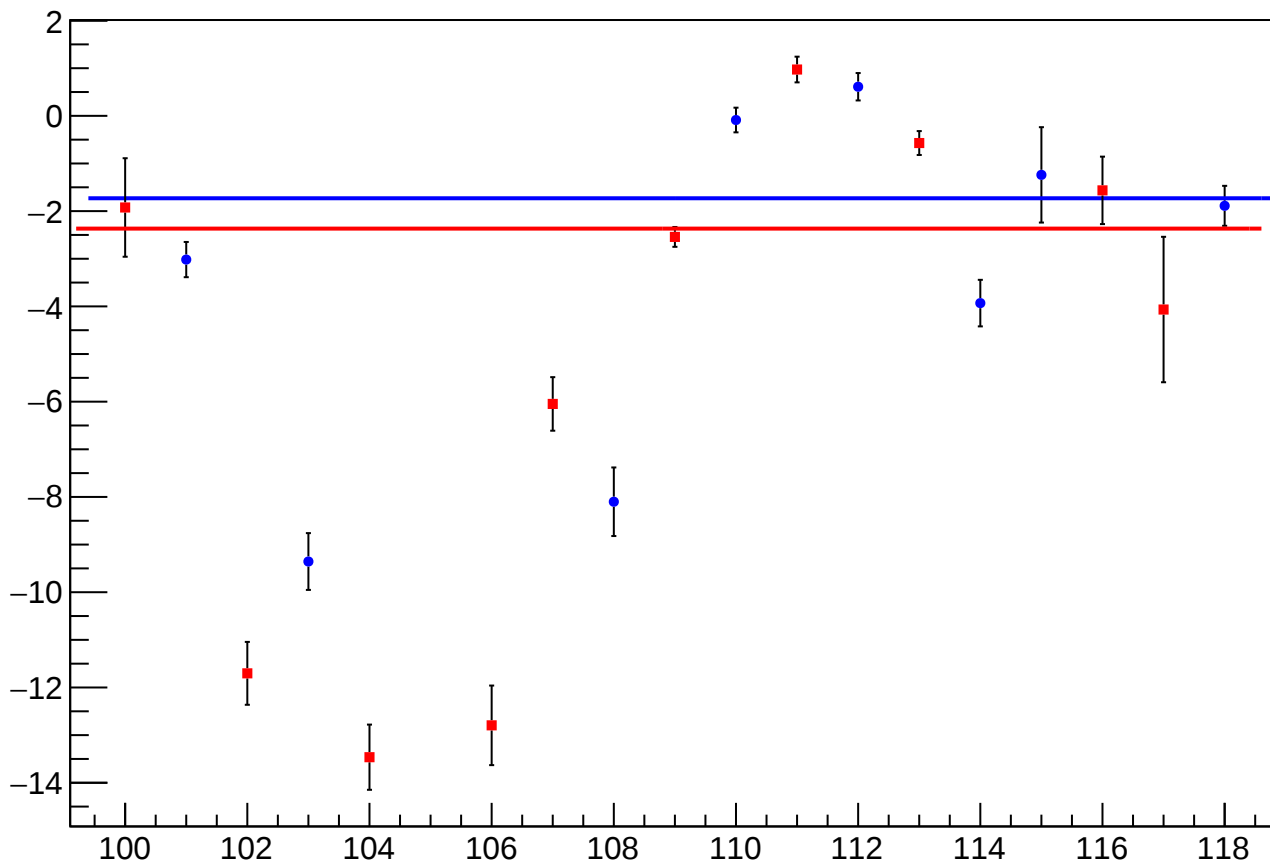
Right Out: 0.704 $\pm$ 0.083 χ^2 /NDF: 671.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.190 $\pm$ 0.080 χ^2 /NDF: 337.0/7

0.704 $\pm$ 0.083 χ^2 /NDF: 671.8/9

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.730+/-0.142 χ^2/NDF : 381.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

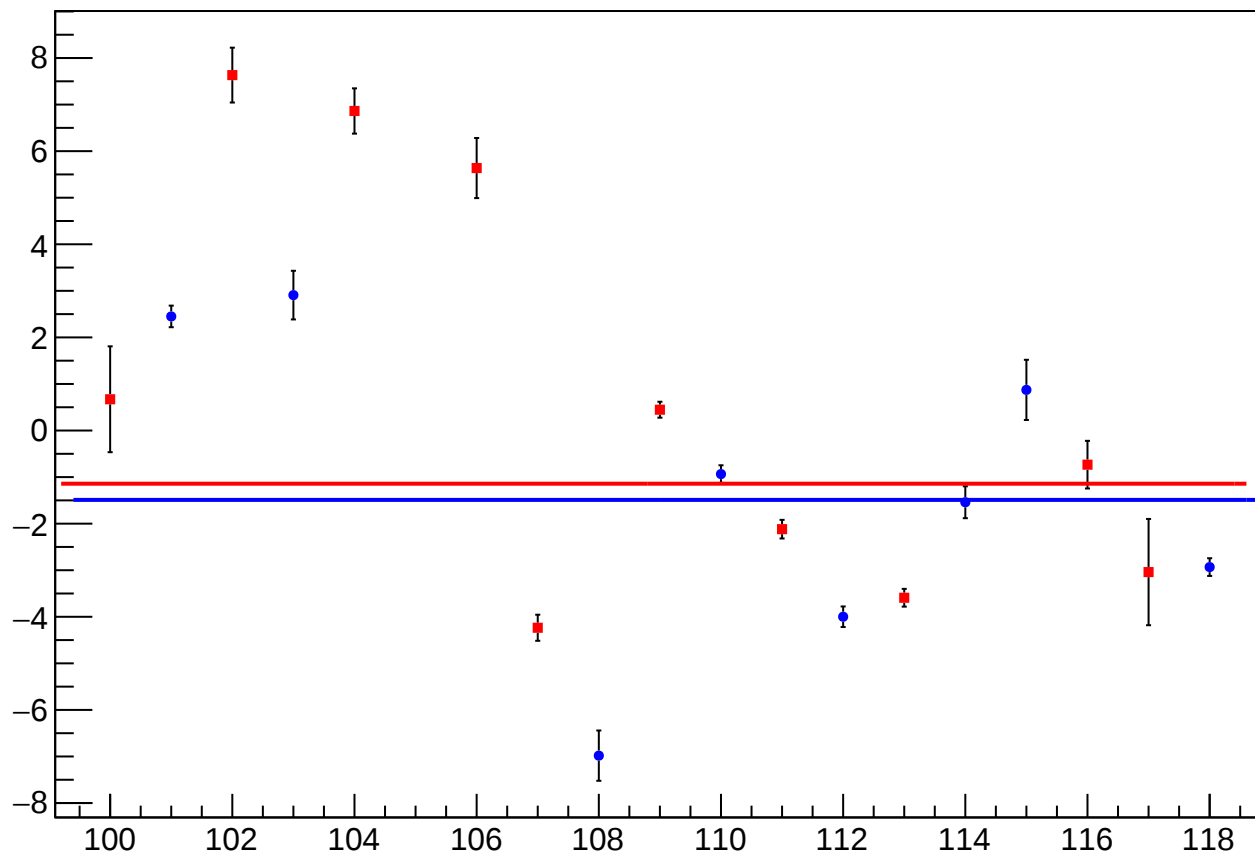
Right Out: -2.367+/-0.124 χ^2/NDF : 869.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.730+/-0.142 χ^2/NDF : 381.2/7

-2.367+/-0.124 χ^2/NDF : 869.7/9

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.490+/-0.094 χ^2/NDF : 671.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

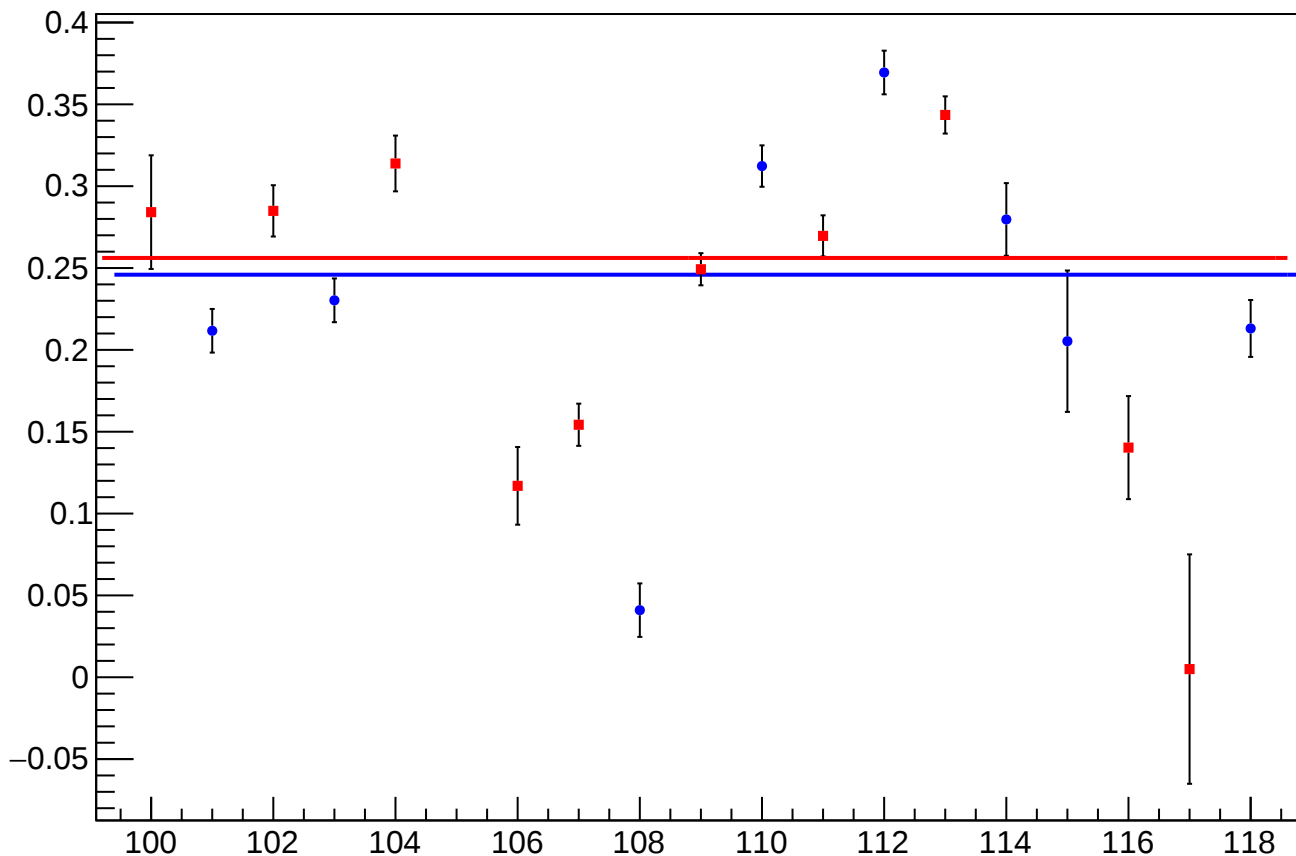
Right Out: -1.142+/-0.094 χ^2/NDF : 1006.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.490+/-0.094 χ^2/NDF : 671.9/7

-1.142+/-0.094 χ^2/NDF : 1006.4/9

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.246 $\pm$ 0.006 χ^2 /NDF: 285.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

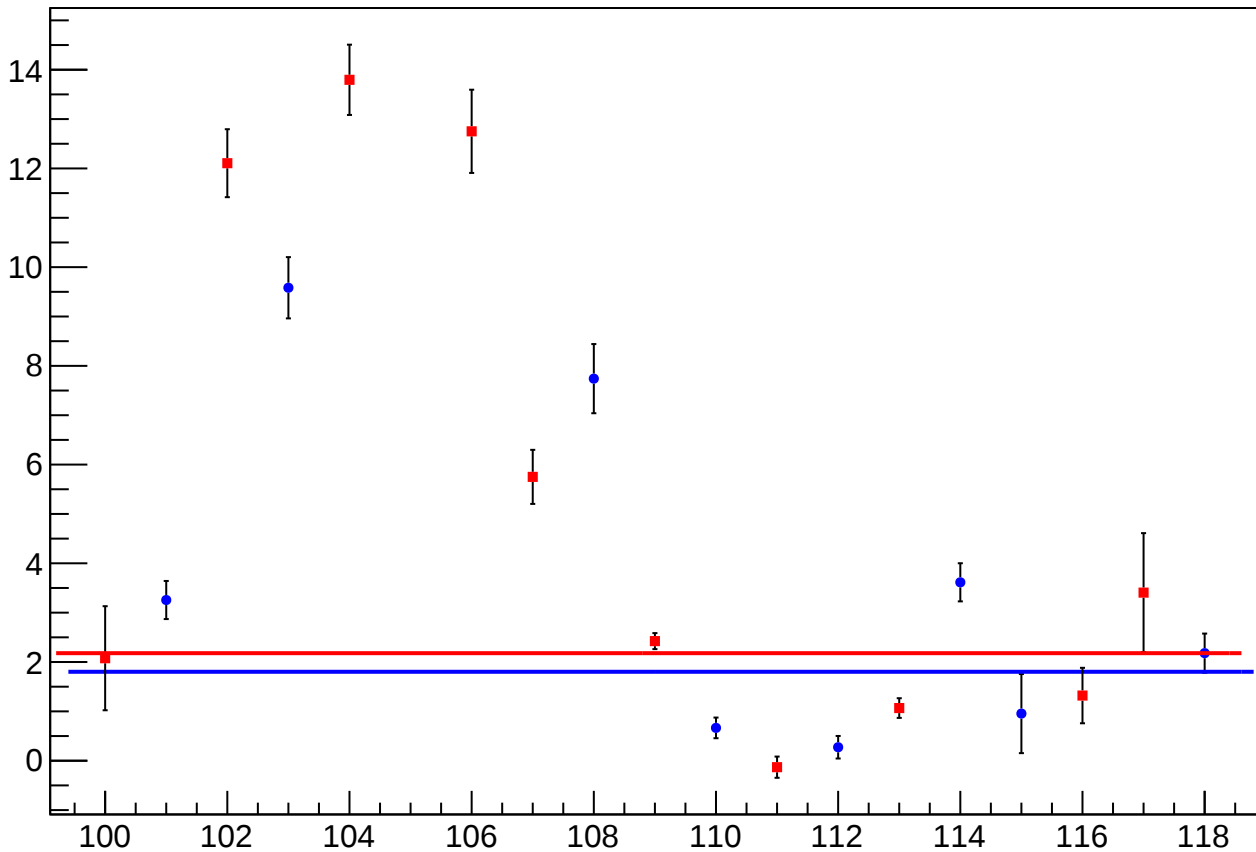
Right Out: 0.256 $\pm$ 0.005 χ^2 /NDF: 199.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.246 $\pm$ 0.006 χ^2 /NDF: 285.5/7

0.256 $\pm$ 0.005 χ^2 /NDF: 199.6/9

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug



Right In: 1.802+/-0.121 χ^2/NDF : 341.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

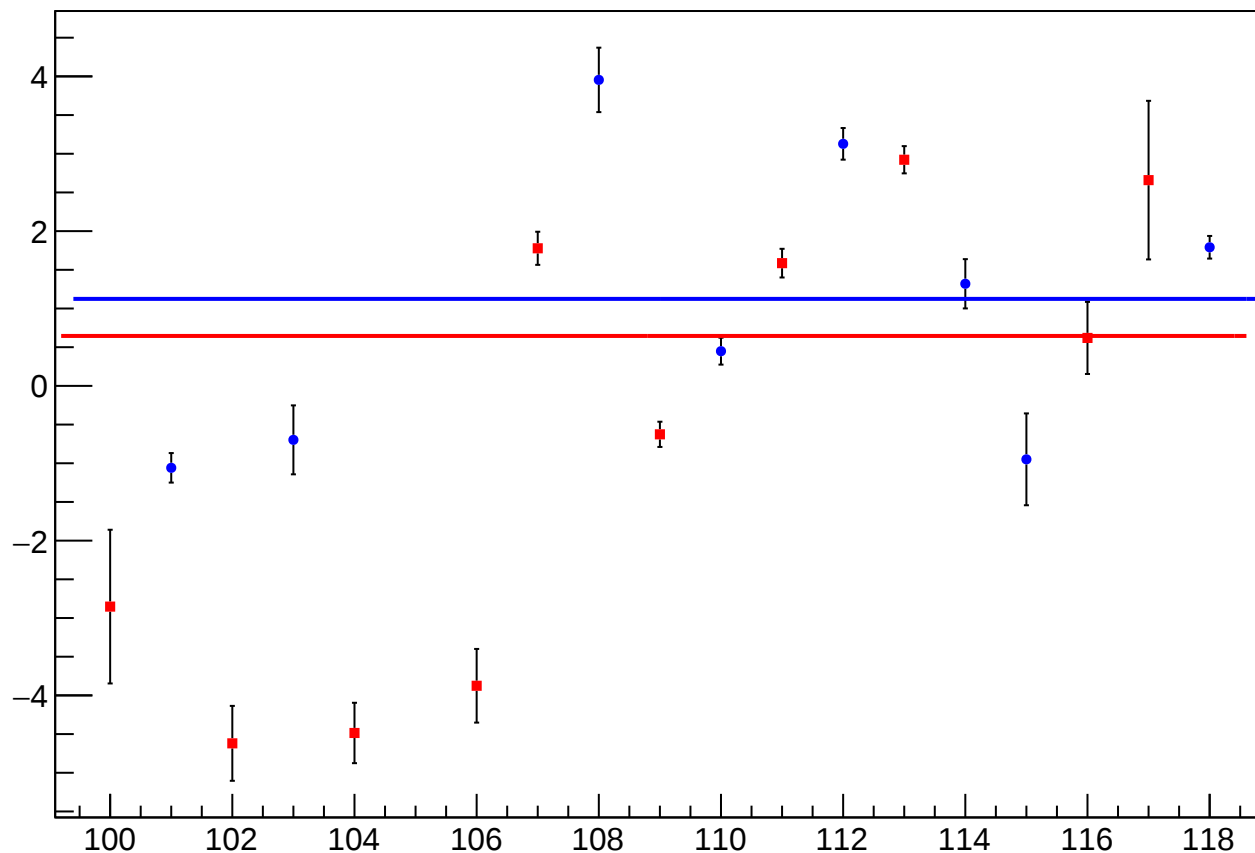
Right Out: 2.179+/-0.101 χ^2/NDF : 826.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.802+/-0.121 χ^2/NDF : 341.5/7

2.179+/-0.101 χ^2/NDF : 826.1/9

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.124+/-0.080 χ^2/NDF : 338.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

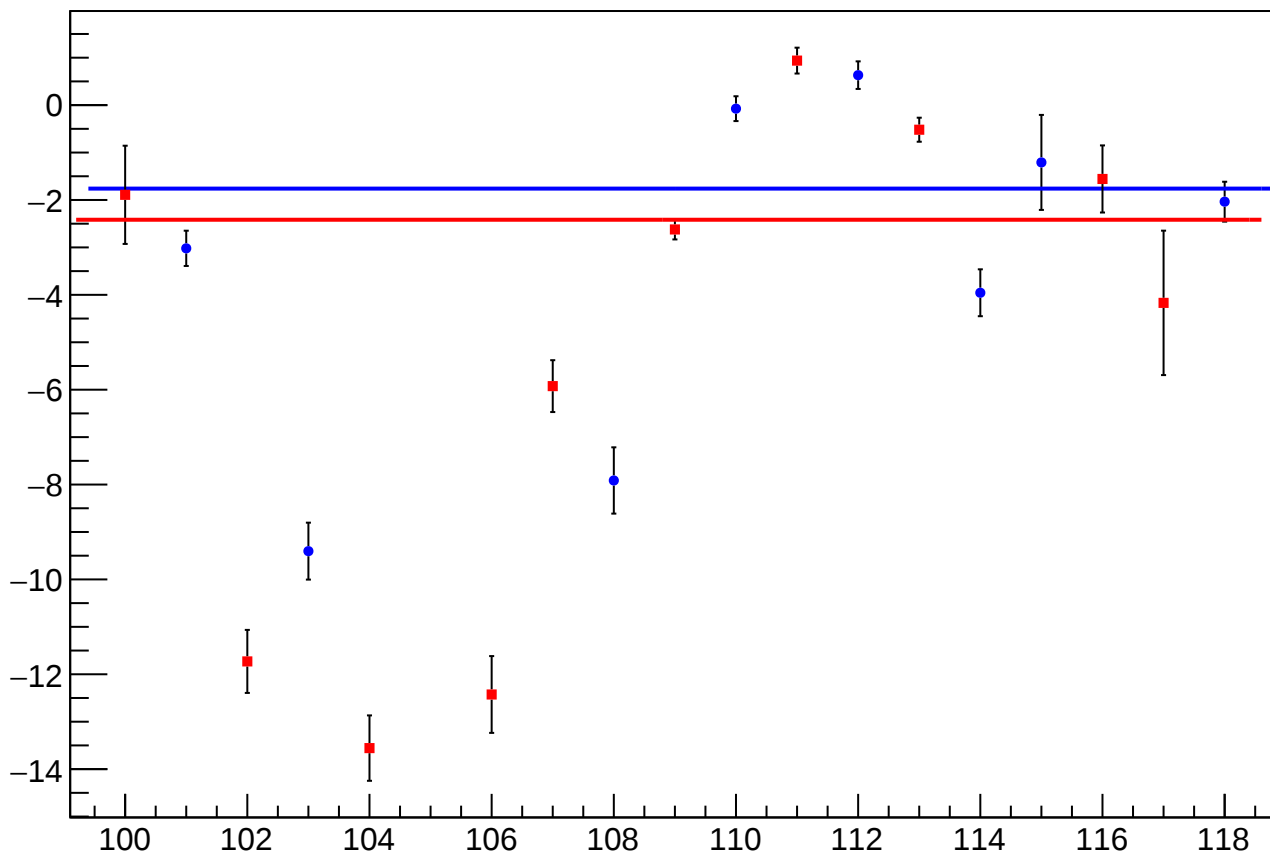
Right Out: 0.645+/-0.084 χ^2/NDF : 679.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.124+/-0.080 χ^2/NDF : 338.4/7

0.645+/-0.084 χ^2/NDF : 679.7/9

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -1.760+/-0.143 χ^2 /NDF: 380.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

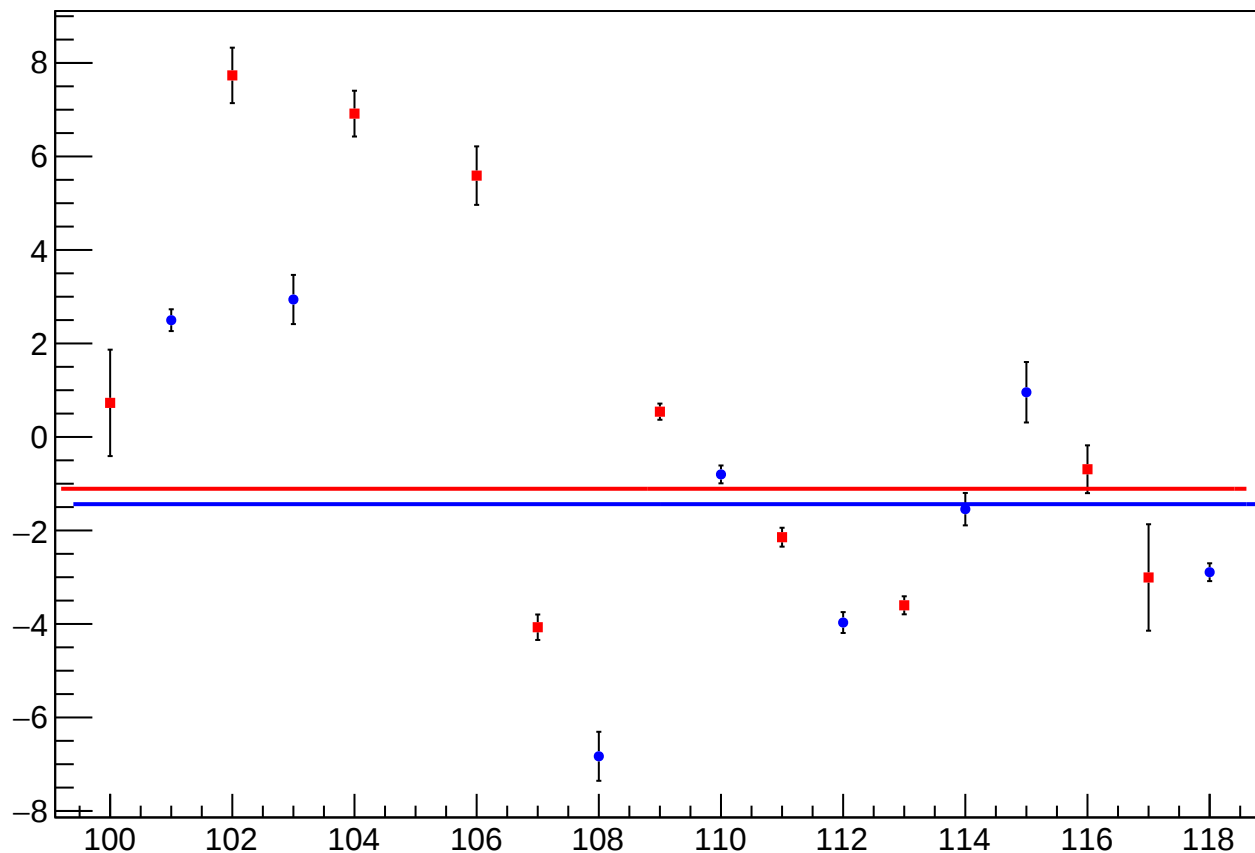
Right Out: -2.417+/-0.125 χ^2 /NDF: 863.1/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.760+/-0.143 χ^2 /NDF: 380.8/7

-2.417+/-0.125 χ^2 /NDF: 863.1/9

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.437+/-0.095 χ^2/NDF : 671.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

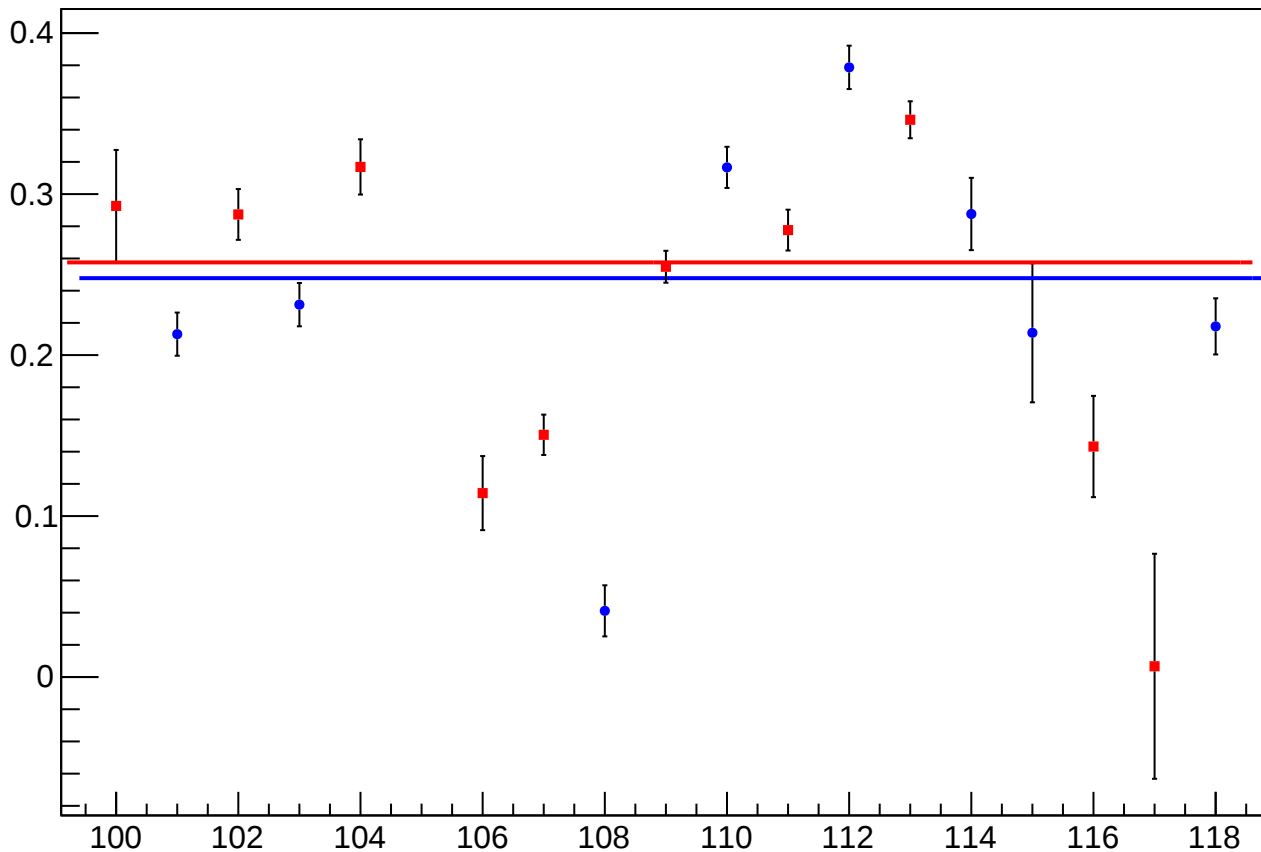
Right Out: -1.108+/-0.094 χ^2/NDF : 1014.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.437+/-0.095 χ^2/NDF : 671.7/7

-1.108+/-0.094 χ^2/NDF : 1014.4/9

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.248 $\pm$ 0.006 χ^2 /NDF: 307.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

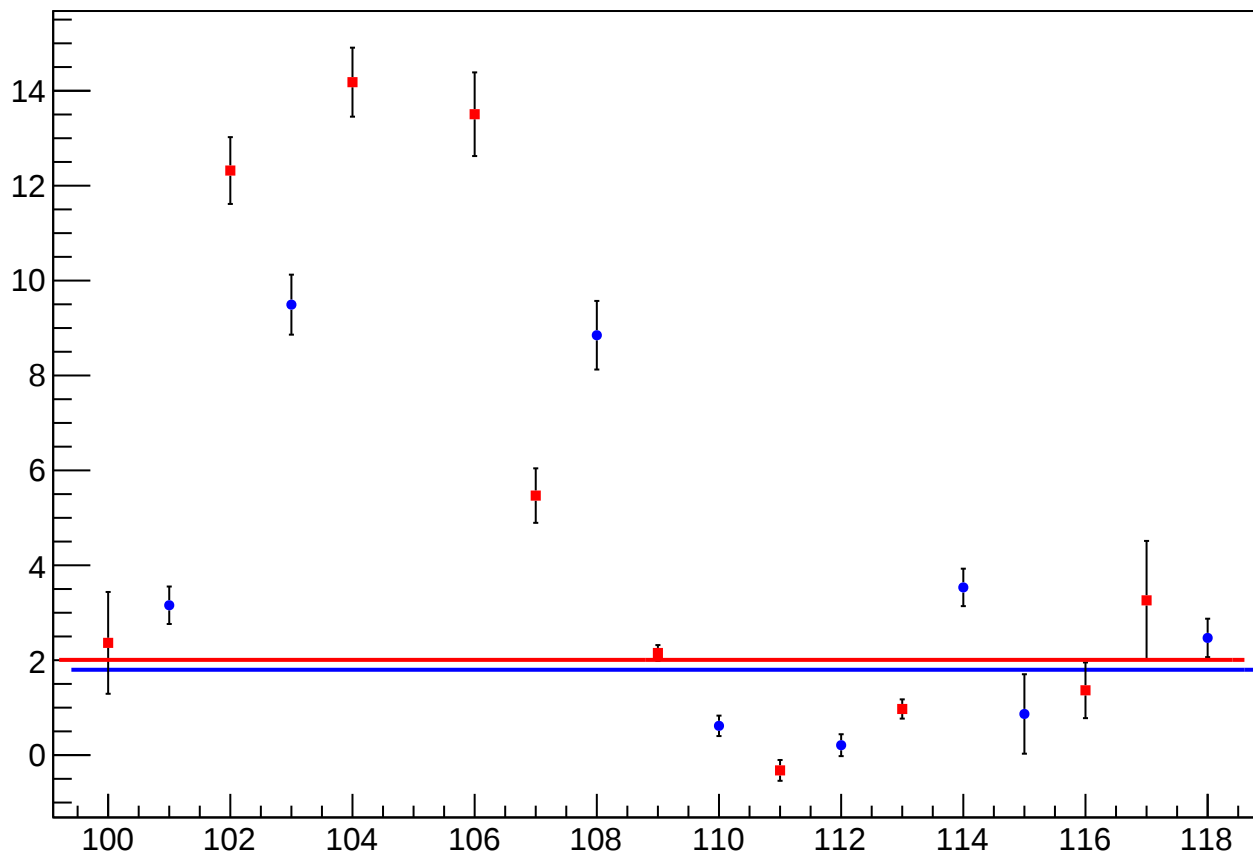
Right Out: 0.258 $\pm$ 0.005 χ^2 /NDF: 216.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.248 $\pm$ 0.006 χ^2 /NDF: 307.9/7

0.258 $\pm$ 0.005 χ^2 /NDF: 216.6/9

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug



Right In: 1.798+/-0.124 χ^2/NDF : 356.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

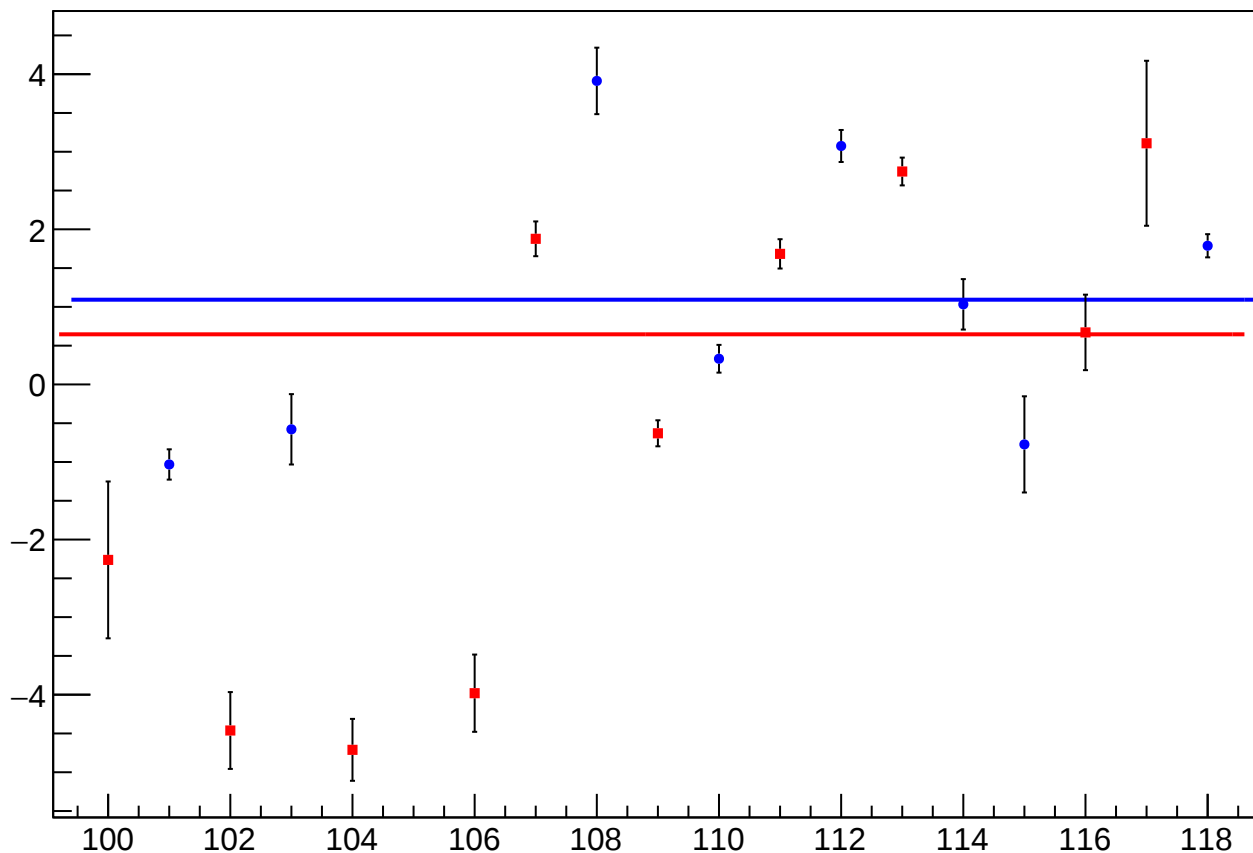
Right Out: 2.007+/-0.103 χ^2/NDF : 843.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.798+/-0.124 χ^2/NDF : 356.0/7

2.007+/-0.103 χ^2/NDF : 843.3/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.092+/-0.082 χ^2/NDF : 316.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

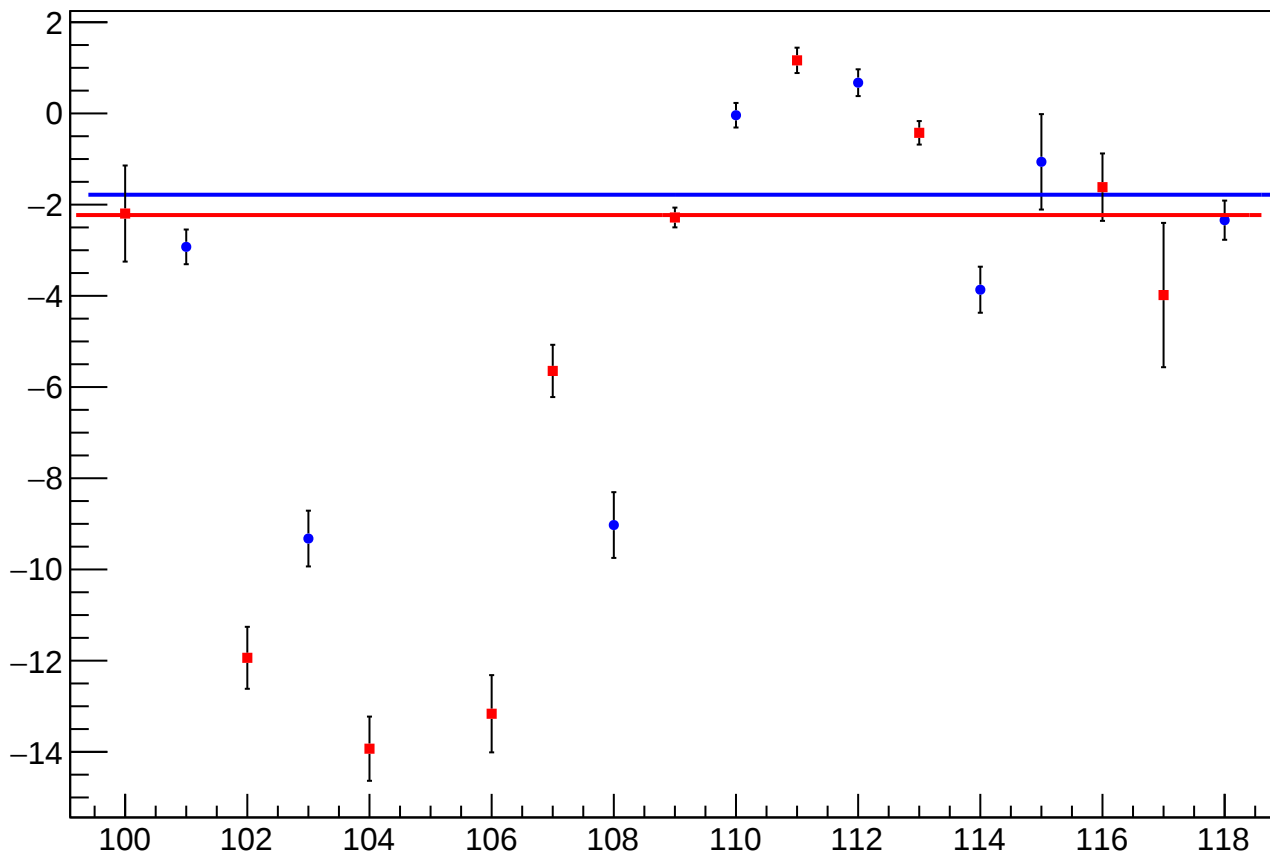
Right Out: 0.646+/-0.086 χ^2/NDF : 641.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.092+/-0.082 χ^2/NDF : 316.2/7

0.646+/-0.086 χ^2/NDF : 641.9/9

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -1.783+/-0.146 χ^2/NDF : 393.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

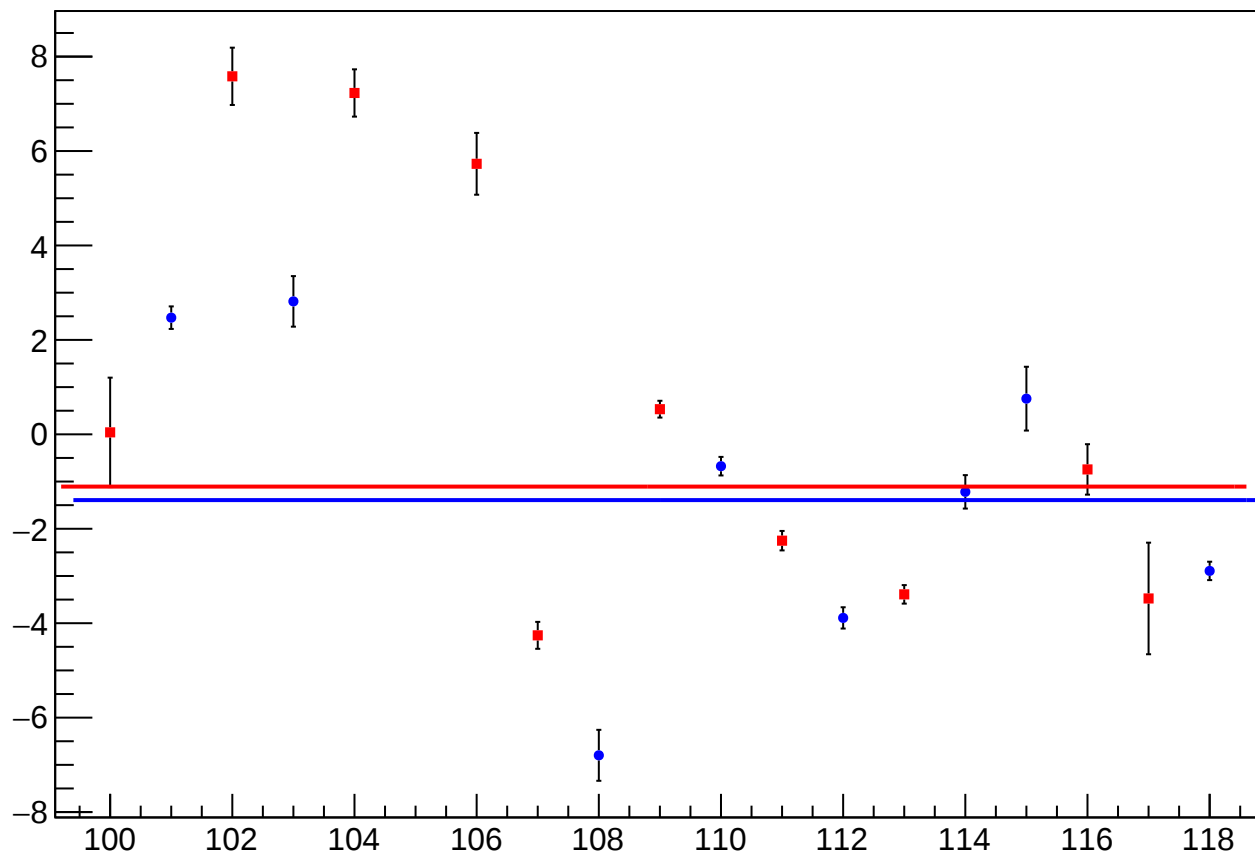
Right Out: -2.229+/-0.128 χ^2/NDF : 882.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.783+/-0.146 χ^2/NDF : 393.2/7

-2.229+/-0.128 χ^2/NDF : 882.4/9

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.393+/-0.097 χ^2/NDF : 629.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

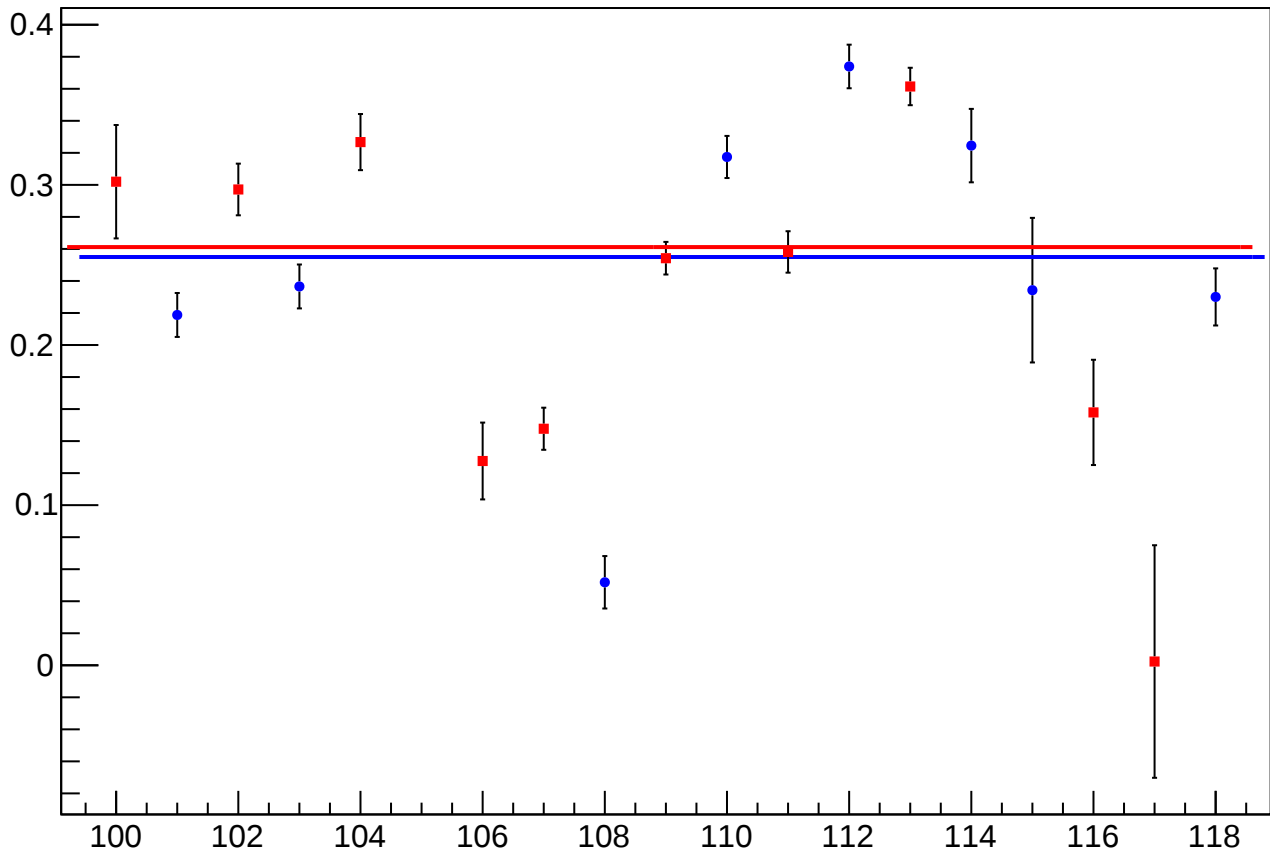
Right Out: -1.107+/-0.096 χ^2/NDF : 969.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.393+/-0.097 χ^2/NDF : 629.4/7

-1.107+/-0.096 χ^2/NDF : 969.9/9

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.255 $\pm$ 0.006 χ^2 /NDF: 273.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

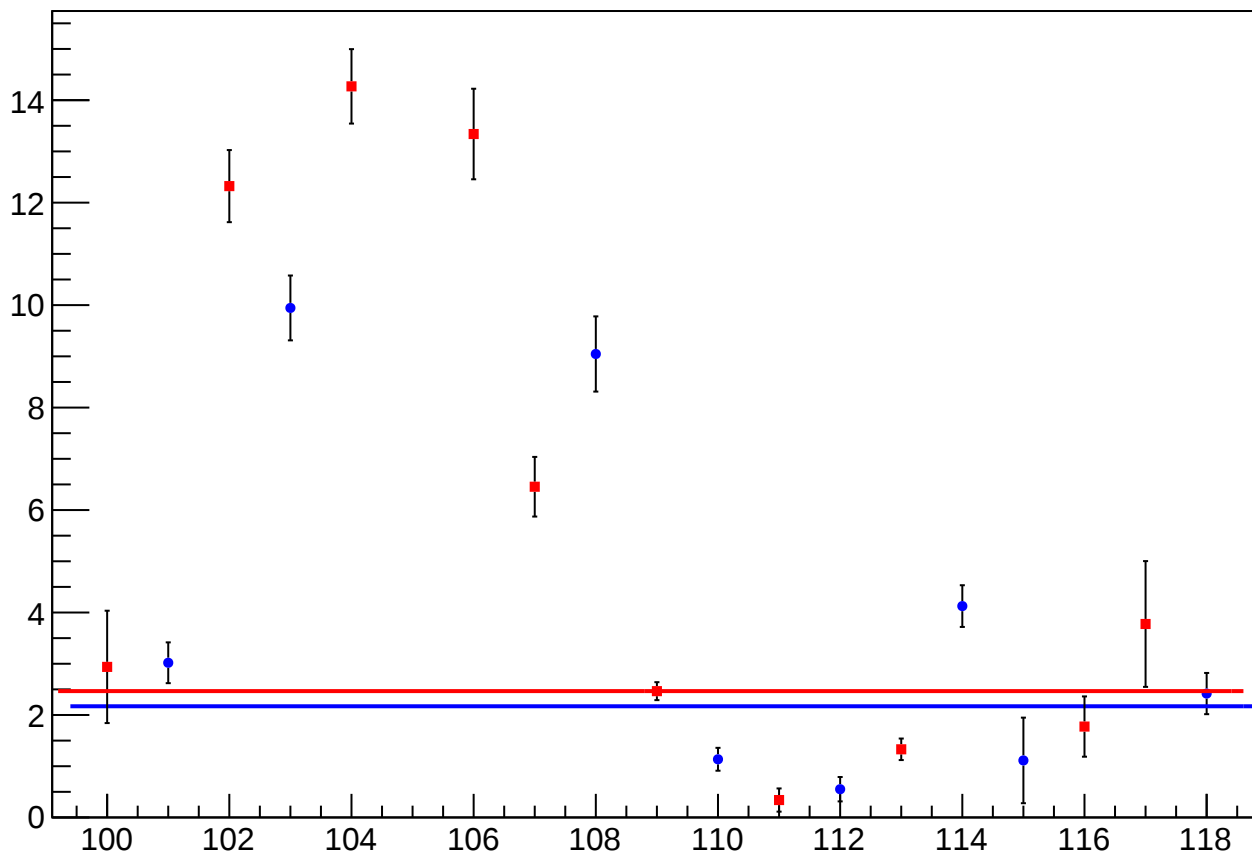
Right Out: 0.261 $\pm$ 0.005 χ^2 /NDF: 222.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.255 $\pm$ 0.006 χ^2 /NDF: 273.0/7

0.261 $\pm$ 0.005 χ^2 /NDF: 222.5/9

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug



Right In: 2.170+/-0.127 χ^2/NDF : 336.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

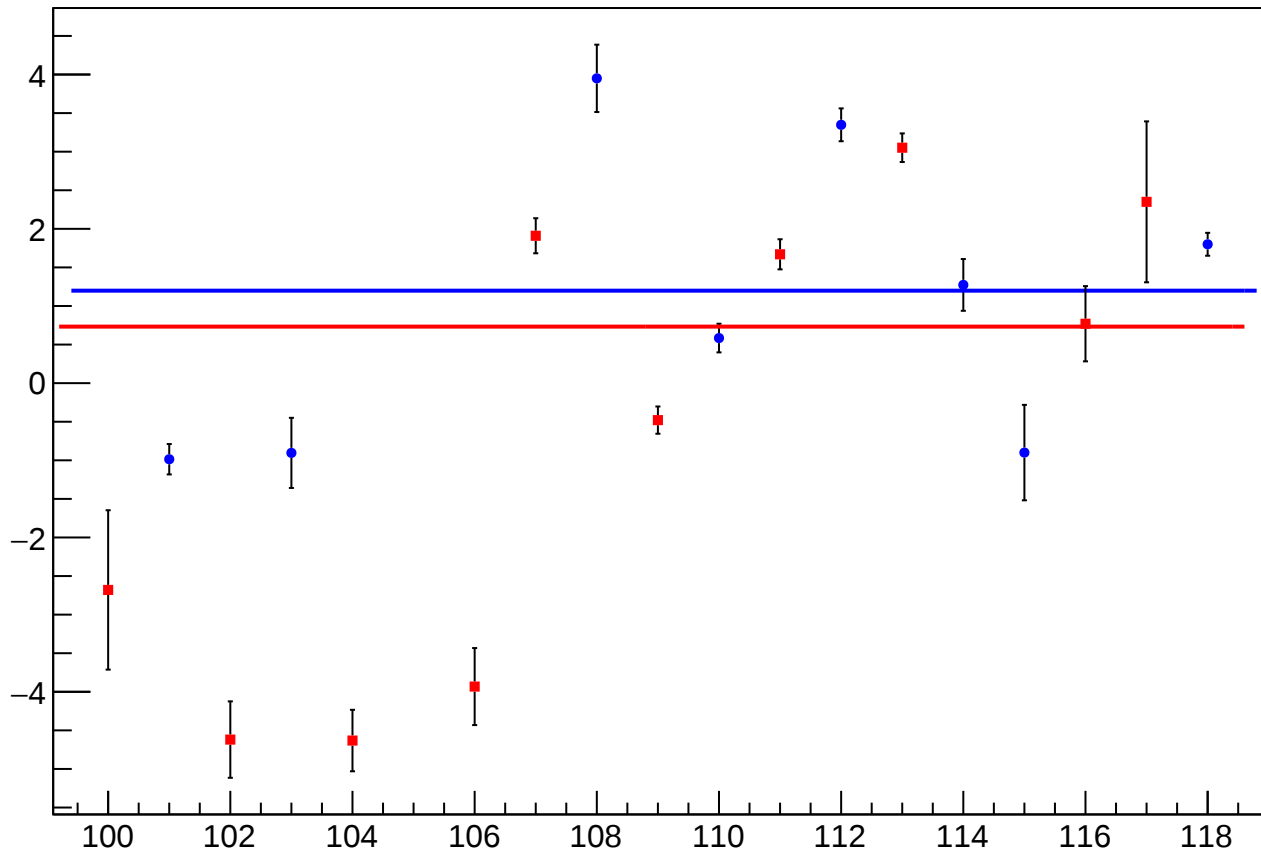
Right Out: 2.466+/-0.107 χ^2/NDF : 778.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.170+/-0.127 χ^2/NDF : 336.0/7

2.466+/-0.107 χ^2/NDF : 778.6/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.199+/-0.083 χ^2/NDF : 325.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

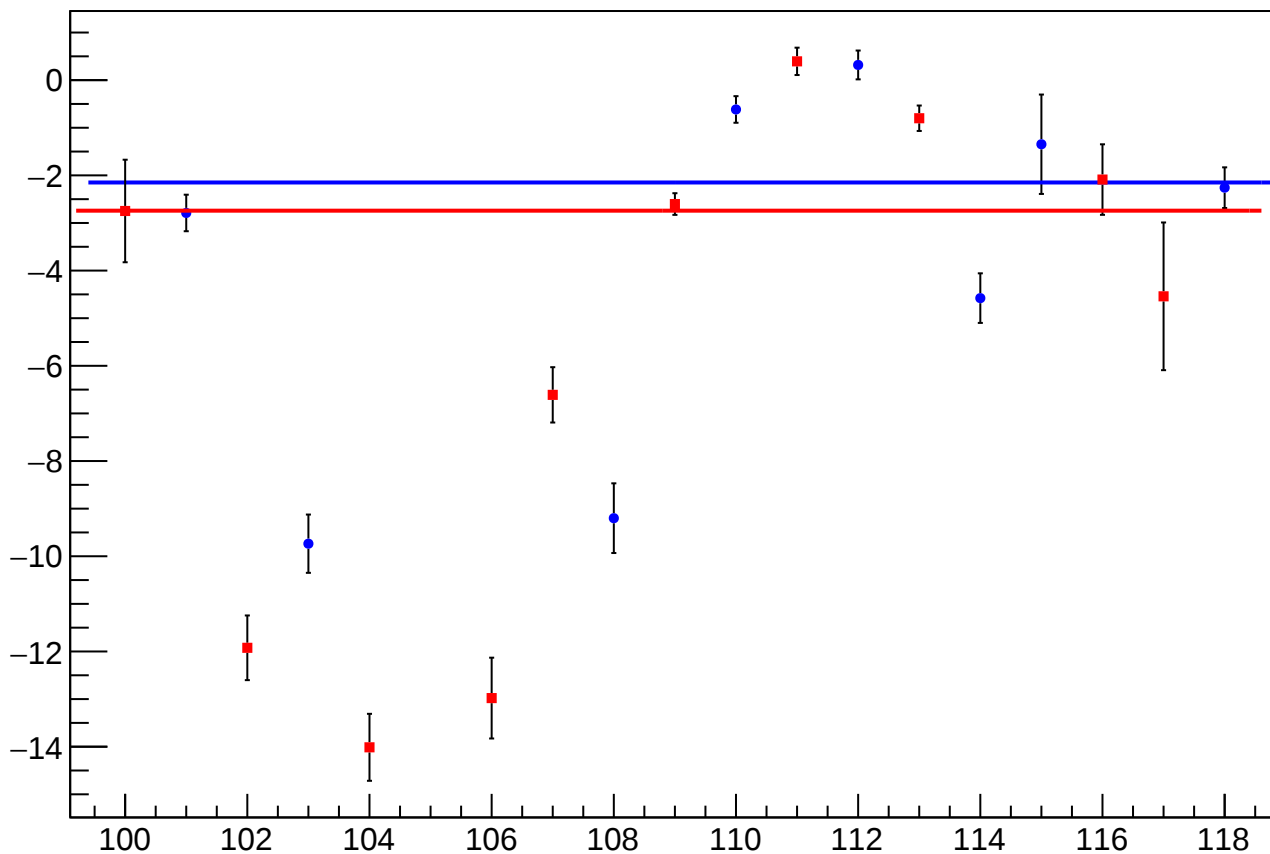
Right Out: 0.733+/-0.089 χ^2/NDF : 652.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.199+/-0.083 χ^2/NDF : 325.2/7

0.733+/-0.089 χ^2/NDF : 652.0/9

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.149+/-0.149 χ^2/NDF : 368.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

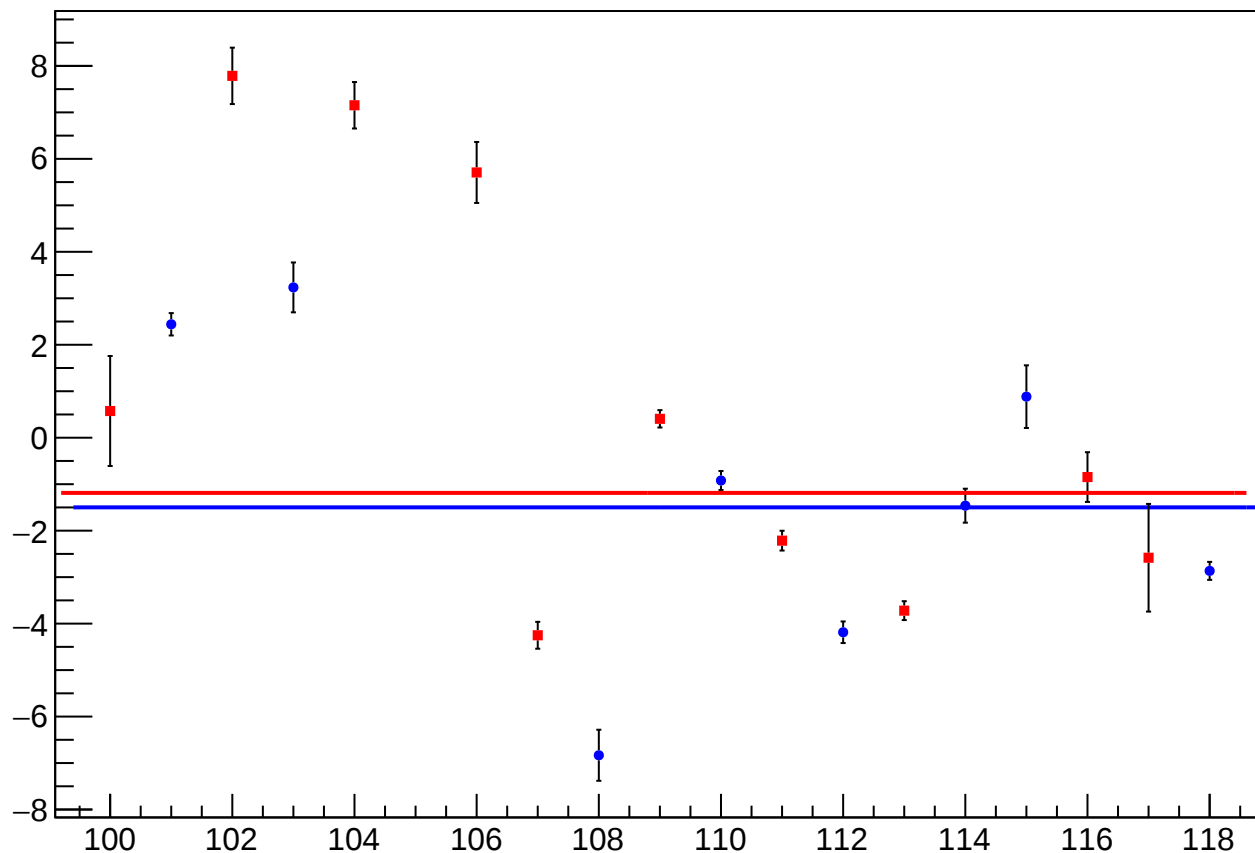
Right Out: -2.742+/-0.132 χ^2/NDF : 803.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.149+/-0.149 χ^2/NDF : 368.2/7

-2.742+/-0.132 χ^2/NDF : 803.9/9

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.499+/-0.098 χ^2/NDF : 644.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

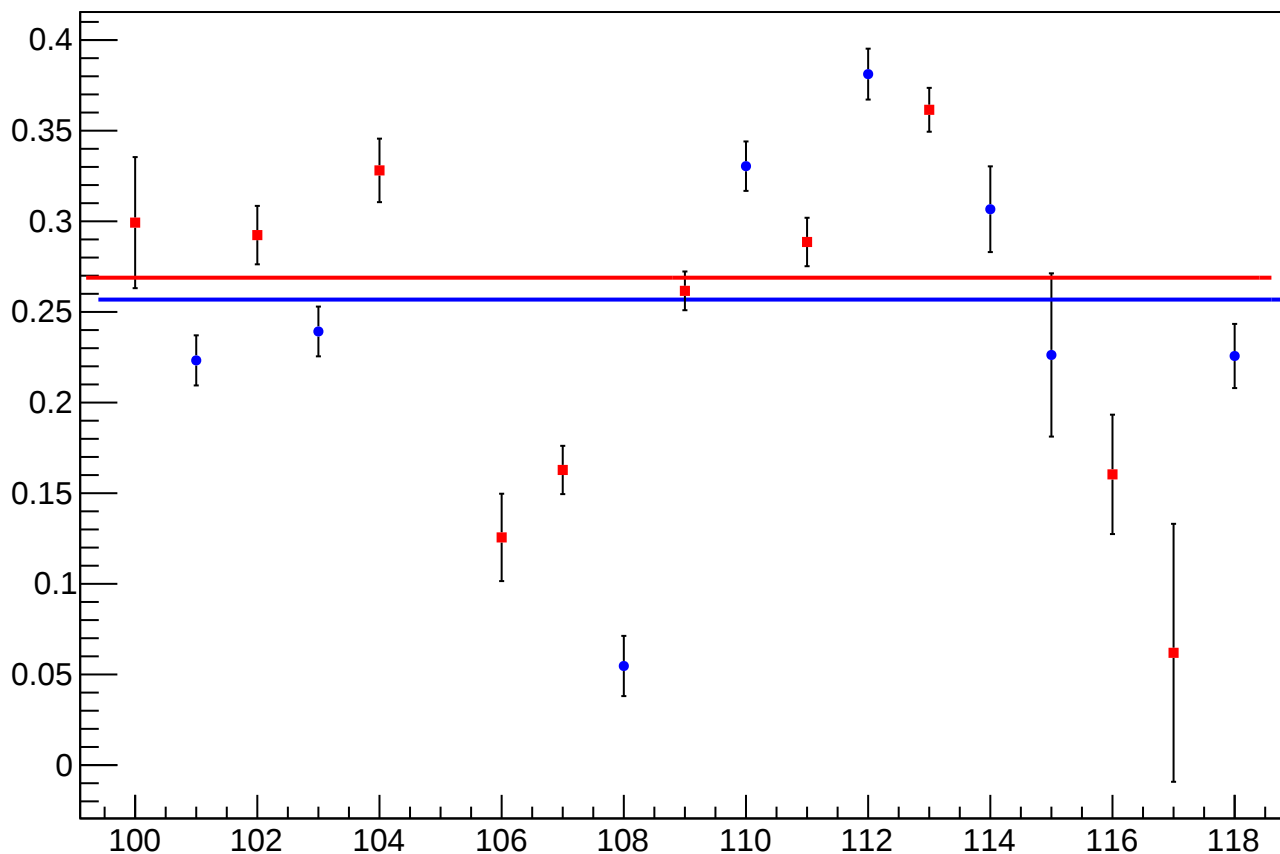
Right Out: -1.187+/-0.100 χ^2/NDF : 975.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.499+/-0.098 χ^2/NDF : 644.3/7

-1.187+/-0.100 χ^2/NDF : 975.3/9

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.257+/-0.006 χ^2/NDF : 271.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.269+/-0.005 χ^2/NDF : 193.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.257+/-0.006 χ^2/NDF : 271.3/7

0.269+/-0.005 χ^2/NDF : 193.5/9