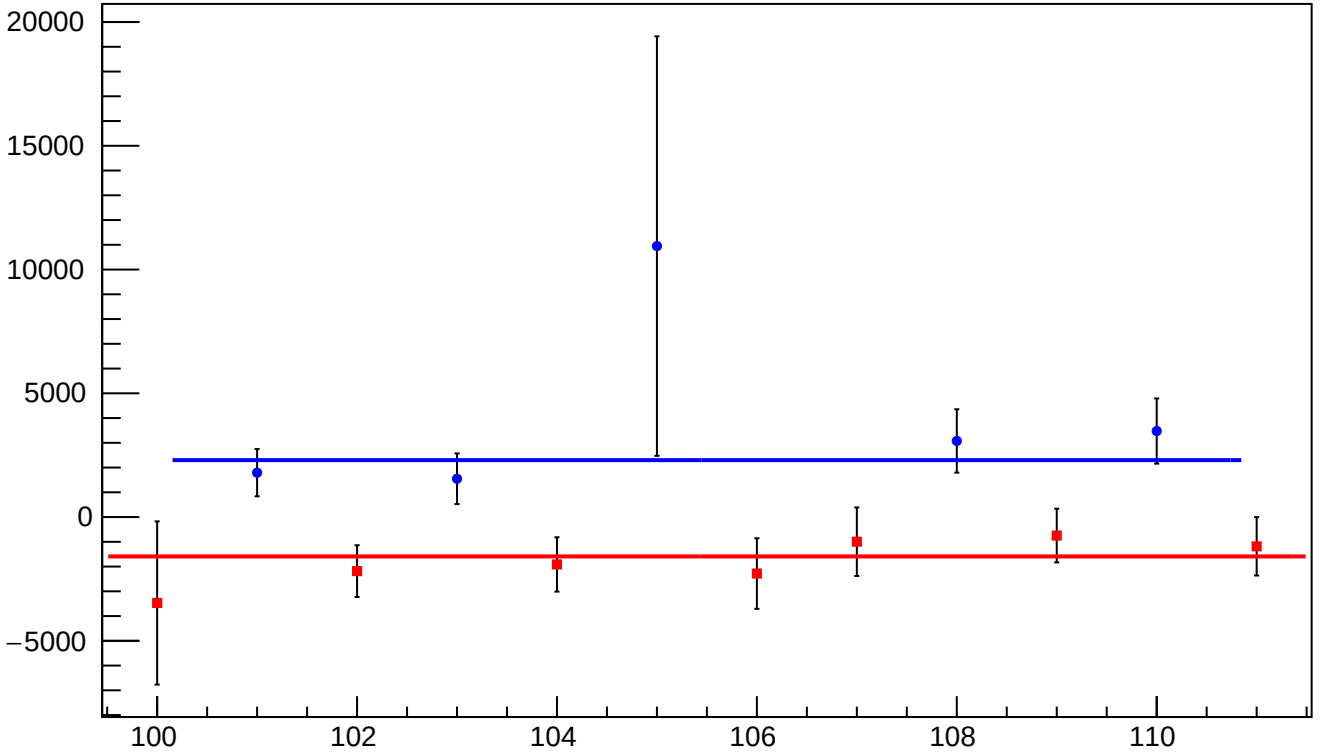
reg_asym_us_avg_mean vs slug



Right In: 2299.567+/-554.550 χ^2/NDF: 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

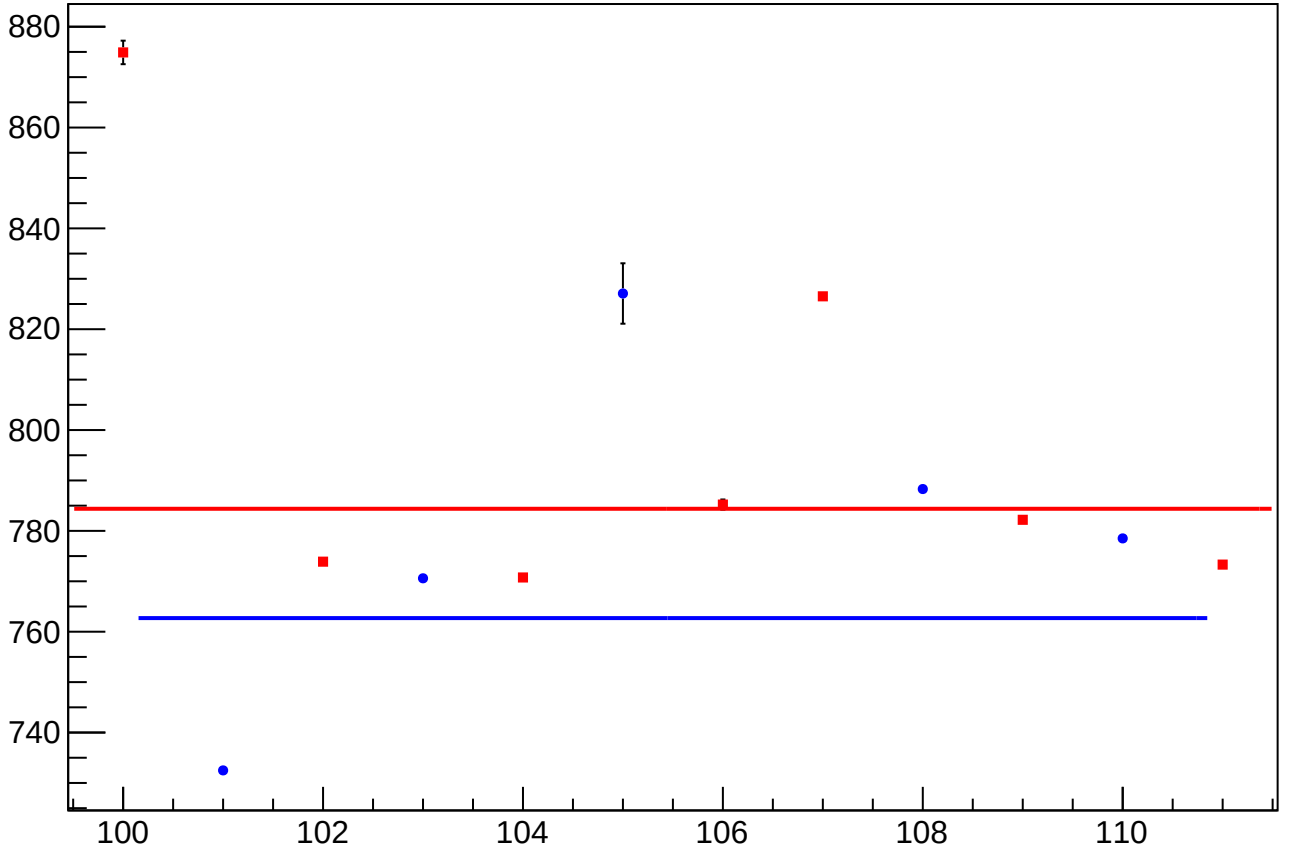
Right Out: -1590.987+/-475.664 χ^2/NDF: 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2299.567+/-554.550 χ^2/NDF: 3.0/4

-1590.987+/-475.664 χ^2/NDF: 1.9/6

reg_asym_us_avg_rms vs slug



Right In: 762.701+/-0.392 χ^2/NDF: 3324.7/4

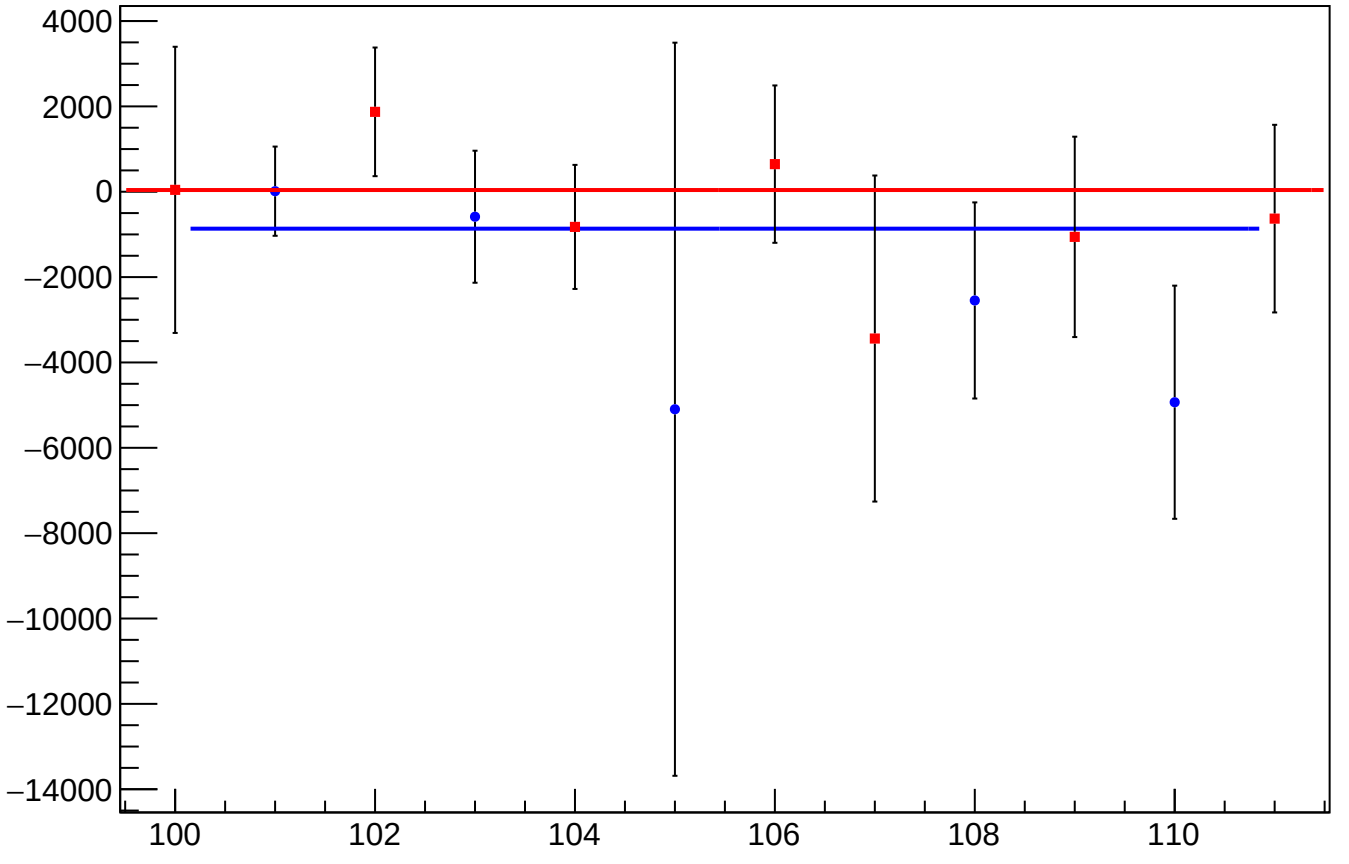
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 784.384+/-0.336 χ^2/NDF: 4053.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

762.701+/-0.392 χ^2/NDF: 3324.7/4

784.384+/-0.336 χ^2/NDF: 4053.5/6



Right In: -865.135+/-773.754 χ^2/NDF: 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

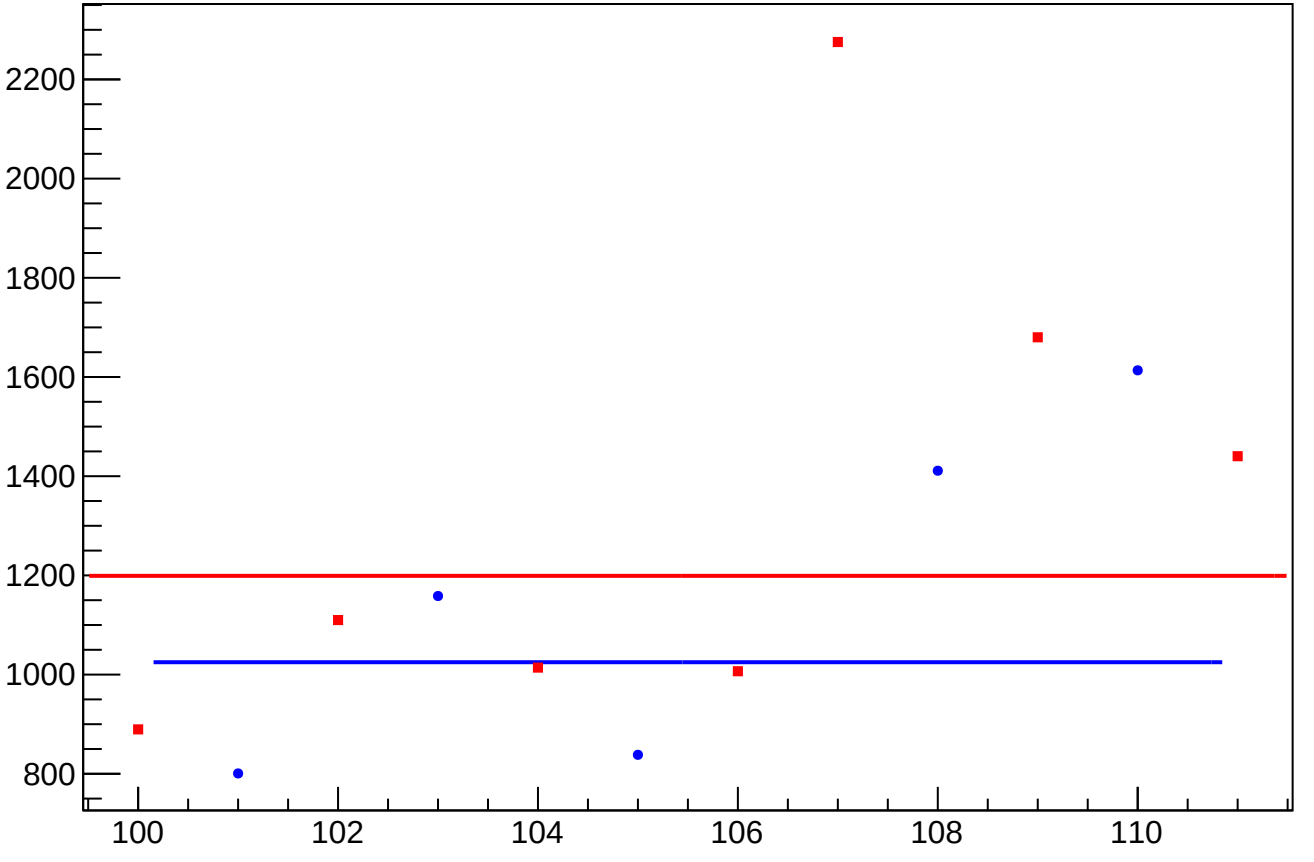
Right Out: 40.224+/-755.170 χ^2/NDF: 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-865.135+/-773.754 χ^2/NDF: 3.7/4

40.224+/-755.170 χ^2/NDF: 3.1/6

asym_us_avg_correction_rms vs slug



Right In: 1024.946+/-0.547 χ^2/NDF: 257181.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

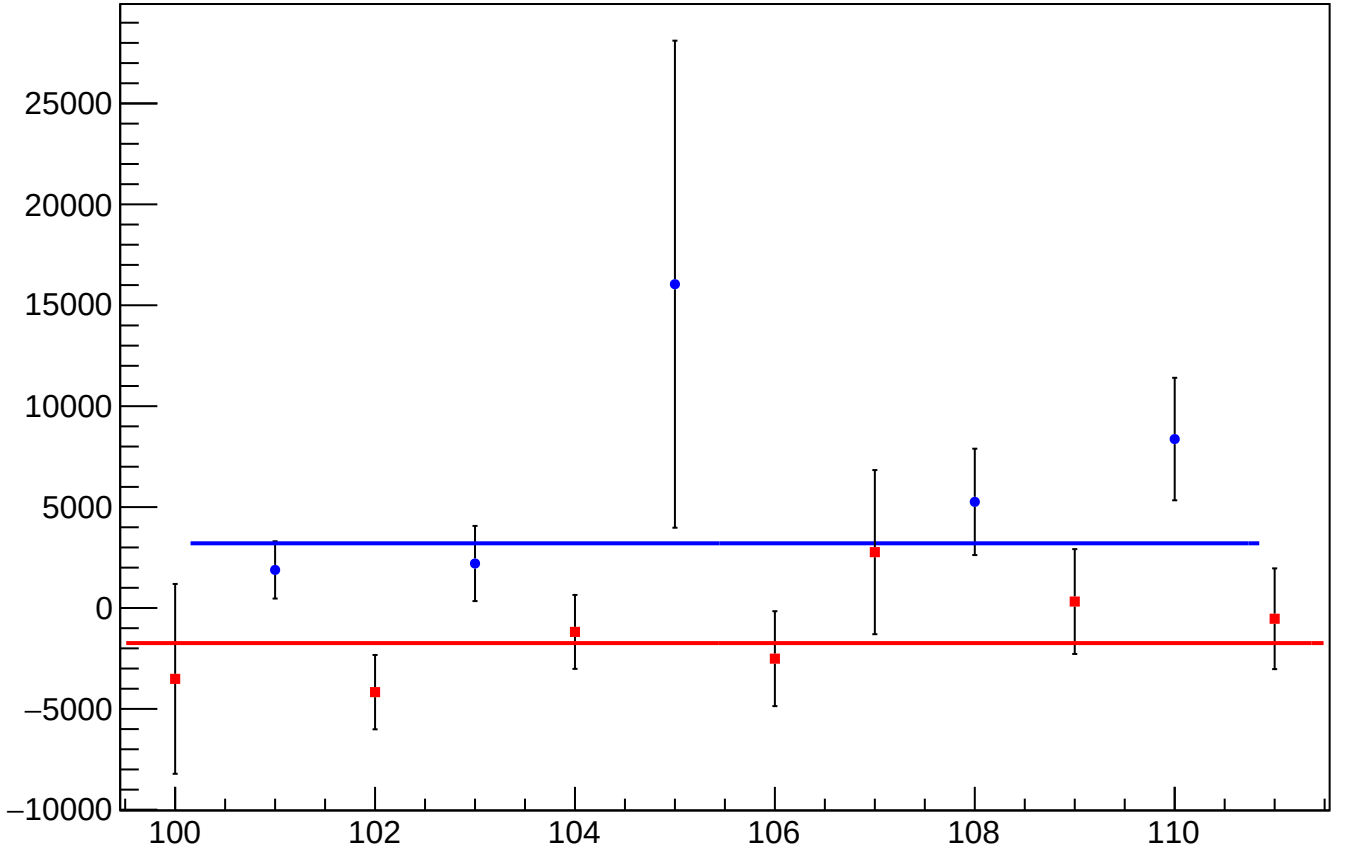
Right Out: 1199.100+/-0.534 χ^2/NDF: 344995.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1024.946+/-0.547 χ^2/NDF: 257181.8/4

1199.100+/-0.534 χ^2/NDF: 344995.3/6

asym_us_avg_mean vs slug



Right In: 3205.510+/-978.184 χ^2/NDF: 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

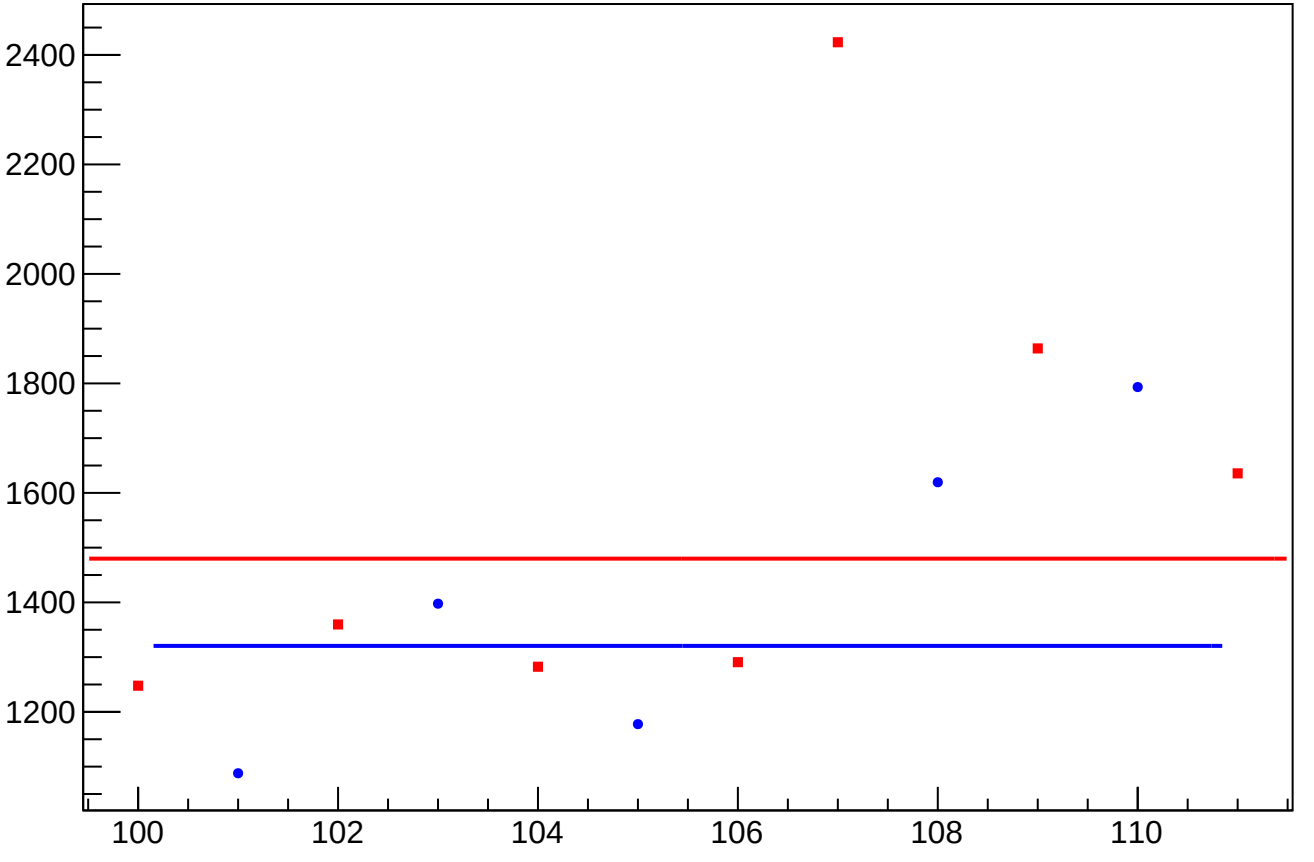
Right Out: -1738.475+/-917.479 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3205.510+/-978.184 χ^2/NDF: 5.8/4

-1738.475+/-917.479 χ^2/NDF: 4.2/6

asym_us_avg_rms vs slug



Right In: 1320.536+/-0.692 χ^2/NDF: 131804.7/4

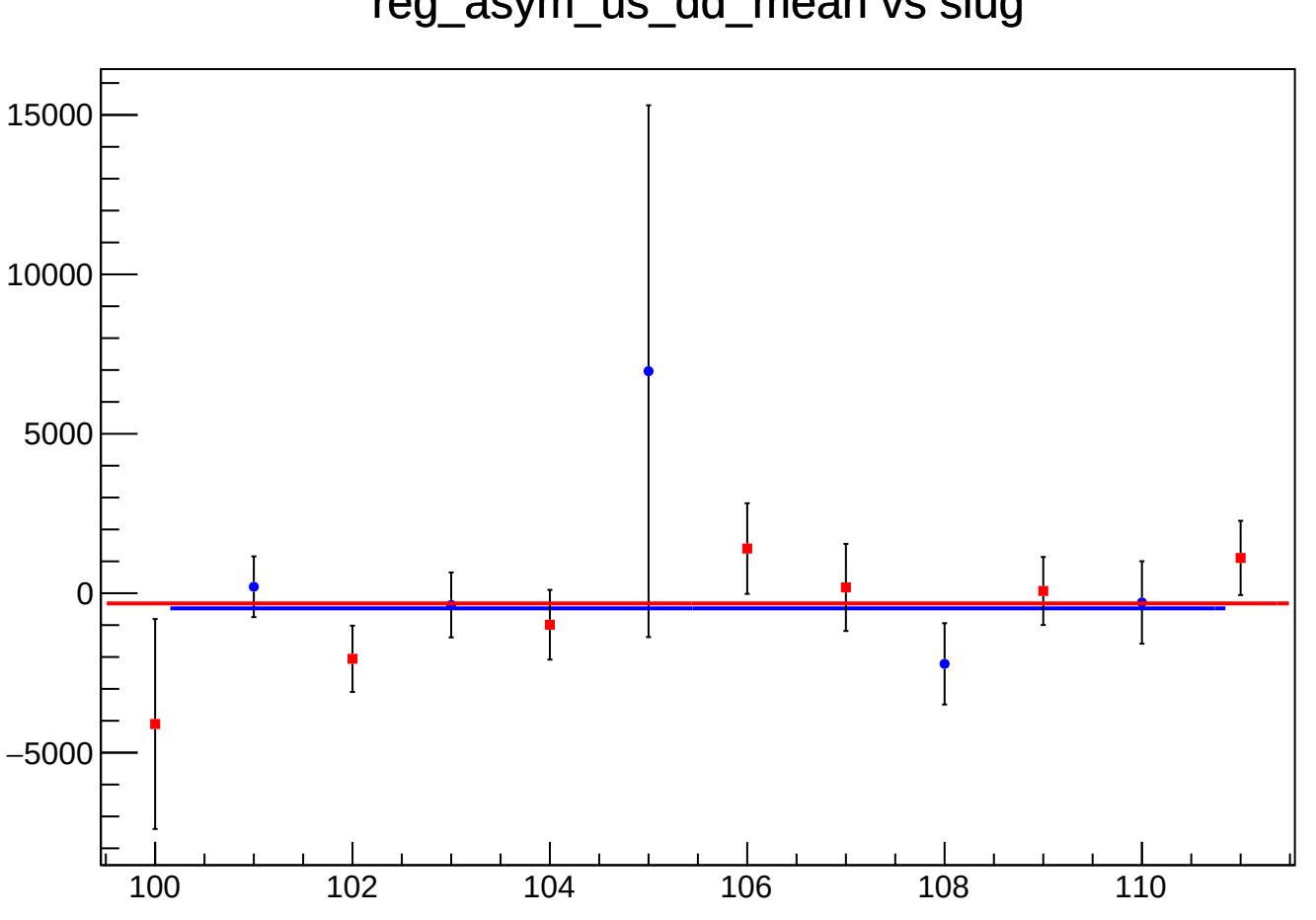
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1479.913+/-0.649 χ^2/NDF: 208668.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1320.536+/-0.692 χ^2/NDF: 131804.7/4

1479.913+/-0.649 χ^2/NDF: 208668.3/6



Right In: -475.008+/-550.915 χ^2/NDF: 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

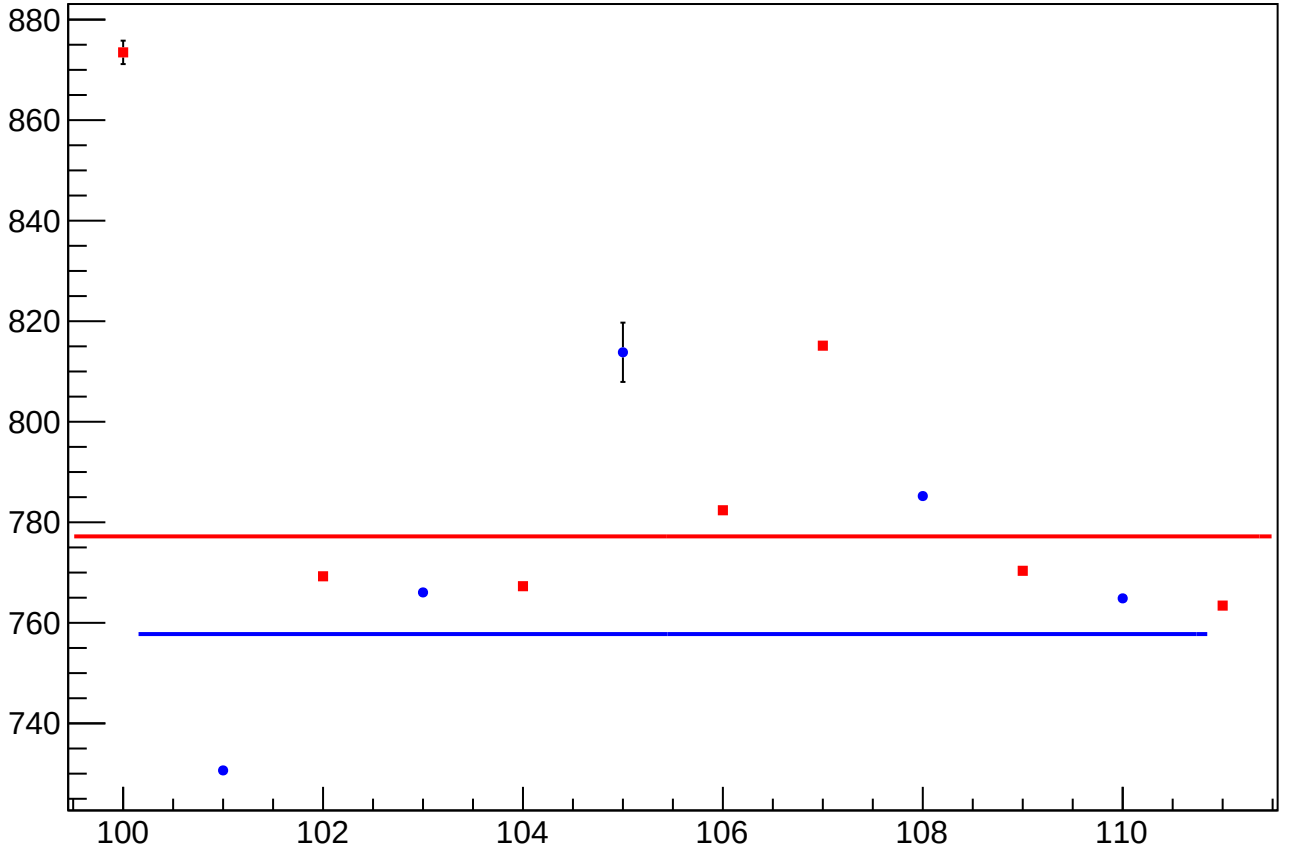
Right Out: -319.315+/-471.292 χ^2/NDF: 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-475.008+/-550.915 χ^2/NDF: 3.2/4

-319.315+/-471.292 χ^2/NDF: 7.7/6

reg_asym_us_dd_rms vs slug



Right In: 757.767+/-0.390 χ^2/NDF: 2832.3/4

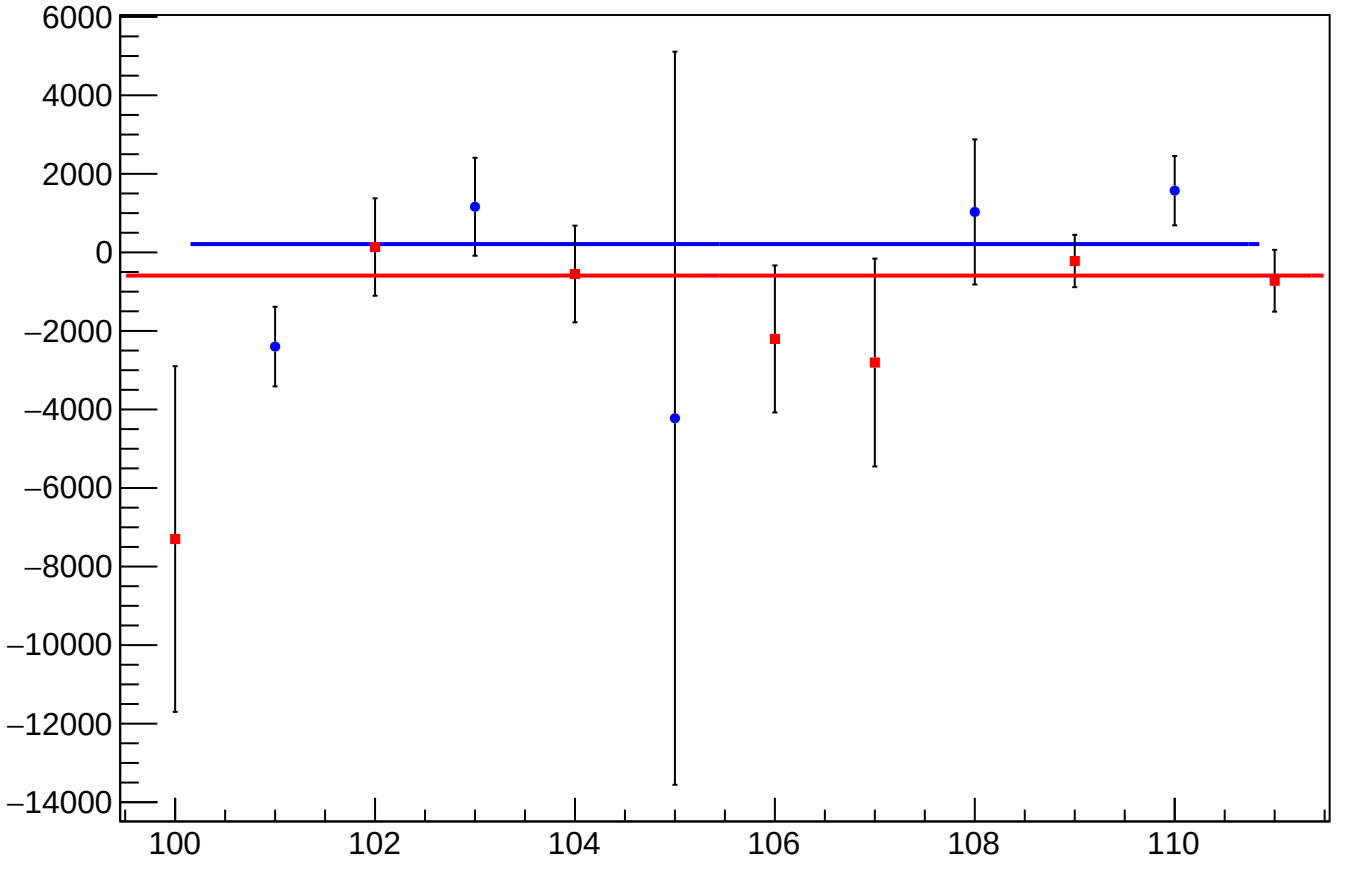
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 777.196+/-0.333 χ^2/NDF: 3923.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

757.767+/-0.390 χ^2/NDF: 2832.3/4

777.196+/-0.333 χ^2/NDF: 3923.8/6



Right In: 211.471+/-558.835 χ^2/NDF: 10.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

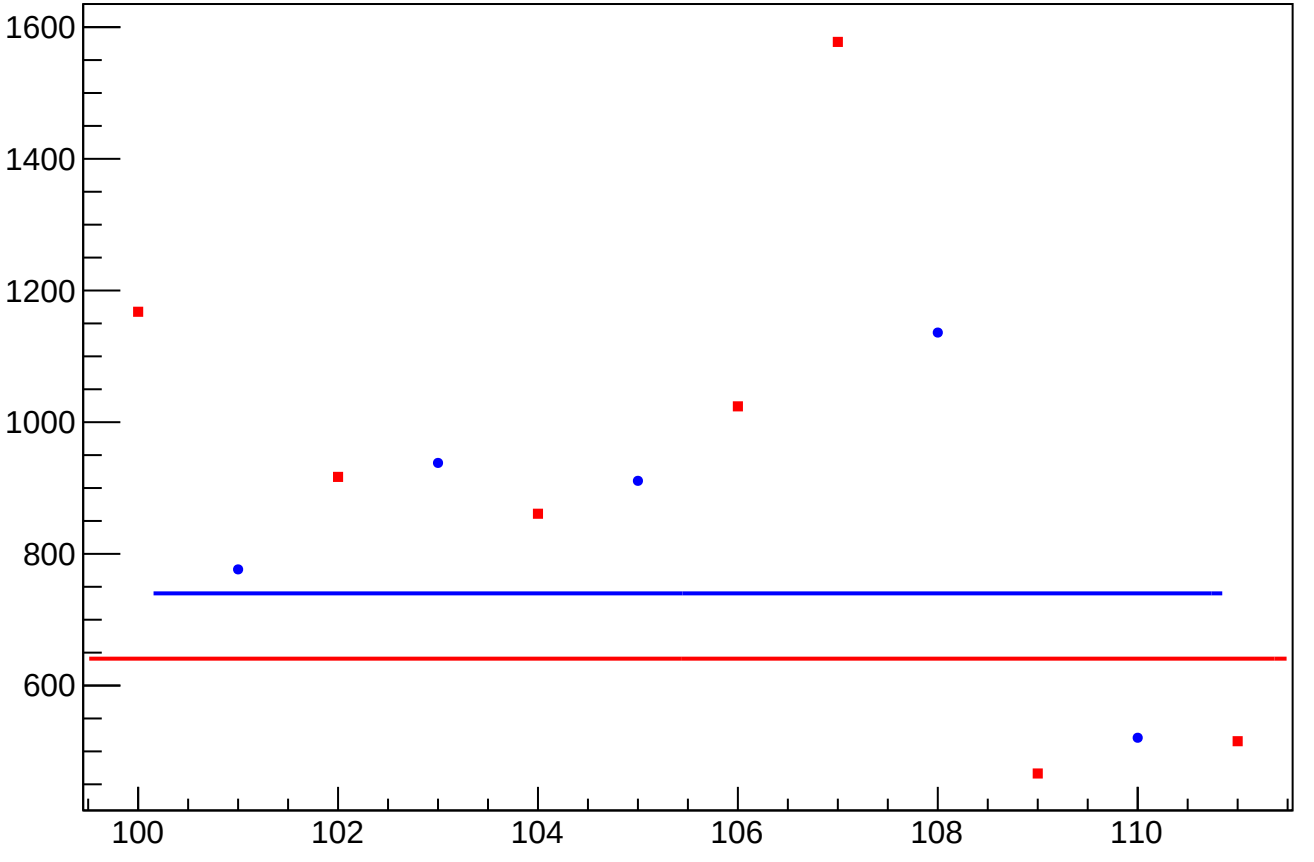
Right Out: -590.662+/-420.516 χ^2/NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

211.471+/-558.835 χ^2/NDF: 10.0/4

-590.662+/-420.516 χ^2/NDF: 4.4/6

asym_us_dd_correction_rms vs slug



Right In: 740.007+/-0.395 χ^2/NDF: 268795.5/4

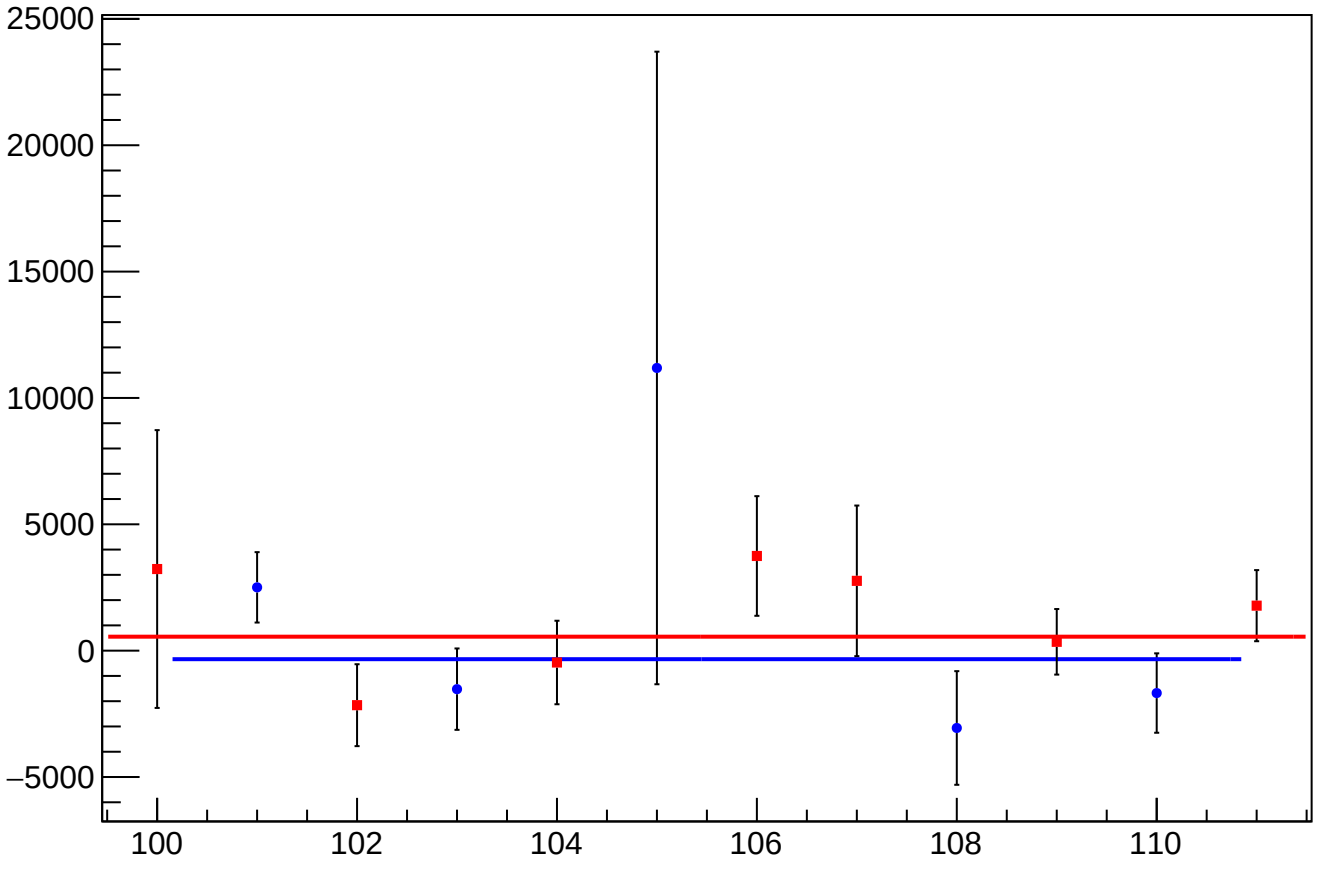
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 640.850+/-0.297 χ^2/NDF: 713842.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

740.007+/-0.395 χ^2/NDF: 268795.5/4

640.850+/-0.297 χ^2/NDF: 713842.9/6



Right In: -337.591+/-813.679 χ^2/NDF: 7.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

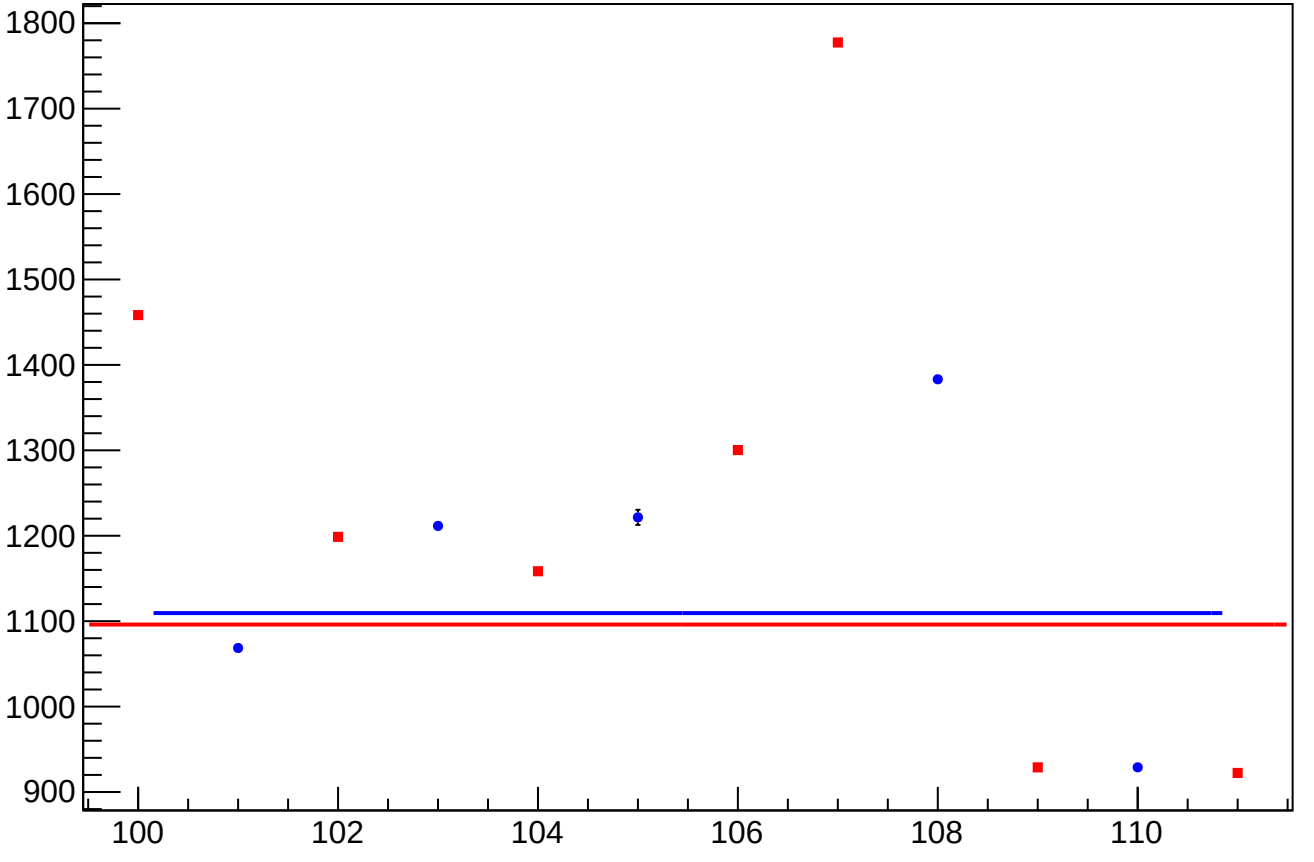
Right Out: 553.129+/-678.793 χ^2/NDF: 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-337.591+/-813.679 χ^2/NDF: 7.7/4

553.129+/-678.793 χ^2/NDF: 6.6/6

asym_us_dd_rms vs slug



Right In: 1109.471+/-0.575 χ^2/NDF: 65968.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

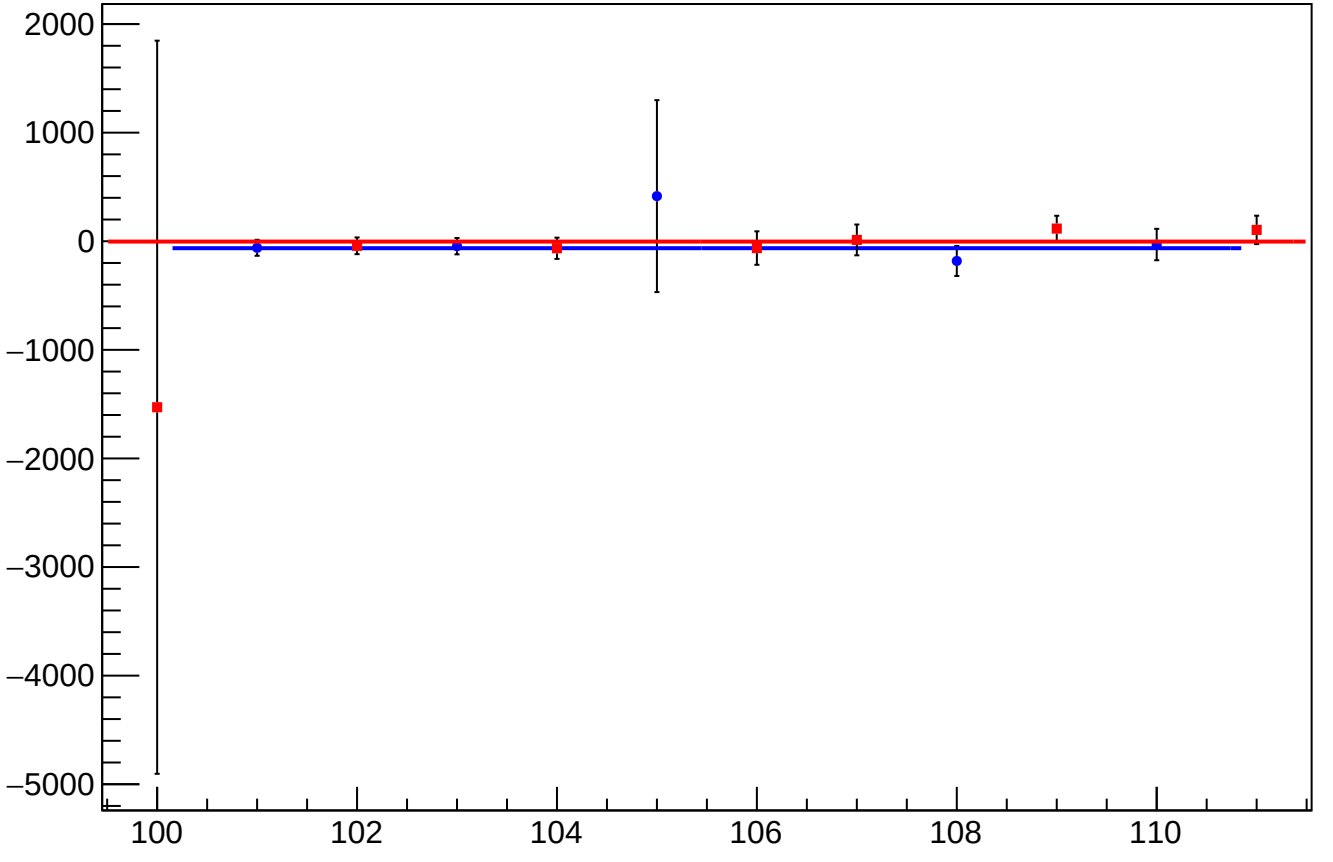
Right Out: 1096.069+/-0.480 χ^2/NDF: 202724.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1109.471+/-0.575 χ^2/NDF: 65968.3/4

1096.069+/-0.480 χ^2/NDF: 202724.6/6

reg_asym_ds_avg_mean vs slug



Right In: -63.920+/-46.482 χ^2/NDF: 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

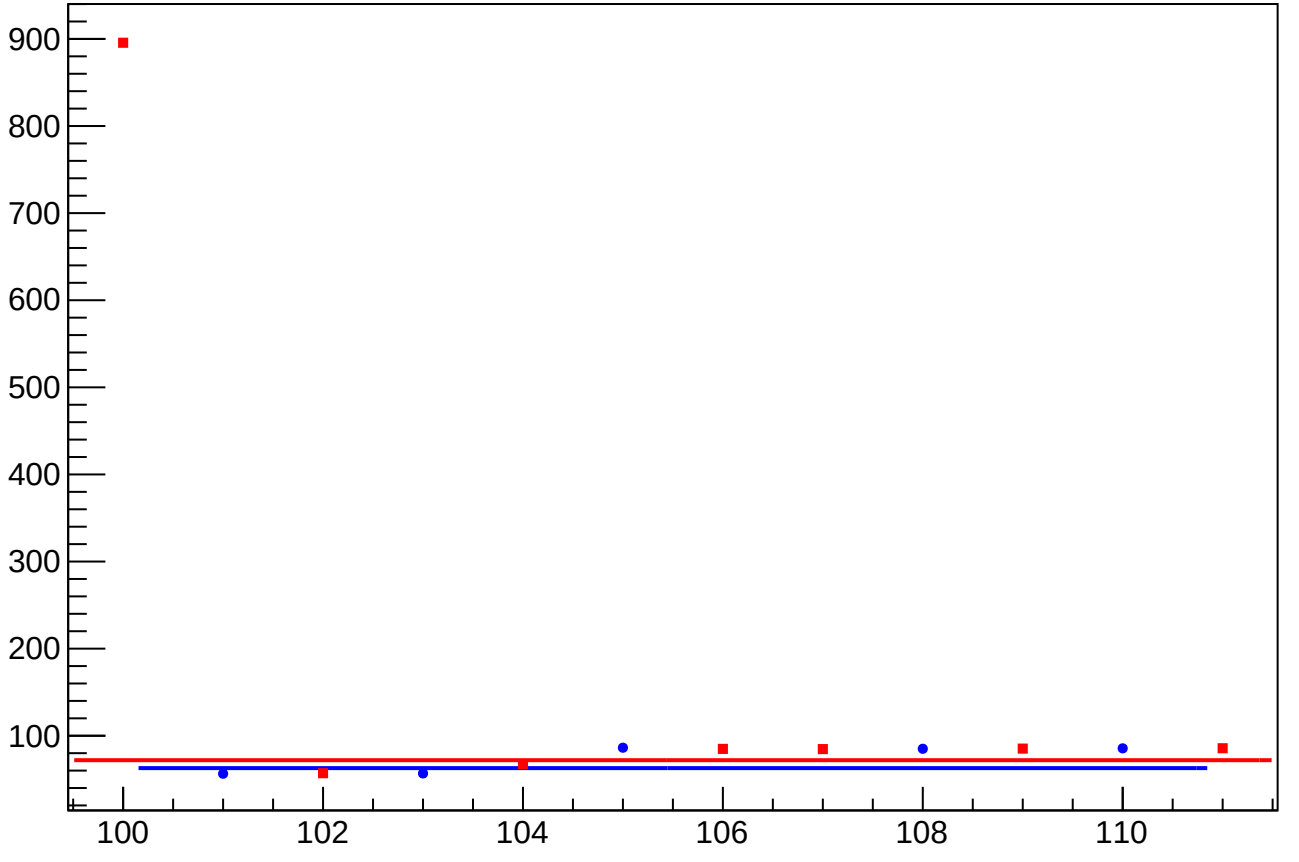
Right Out: -2.981+/-44.931 χ^2/NDF: 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-63.920+/-46.482 χ^2/NDF: 1.1/4

-2.981+/-44.931 χ^2/NDF: 2.7/6

reg_asym_ds_avg_rms vs slug



Right In: 62.843+/-0.033 χ^2/NDF: 131171.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

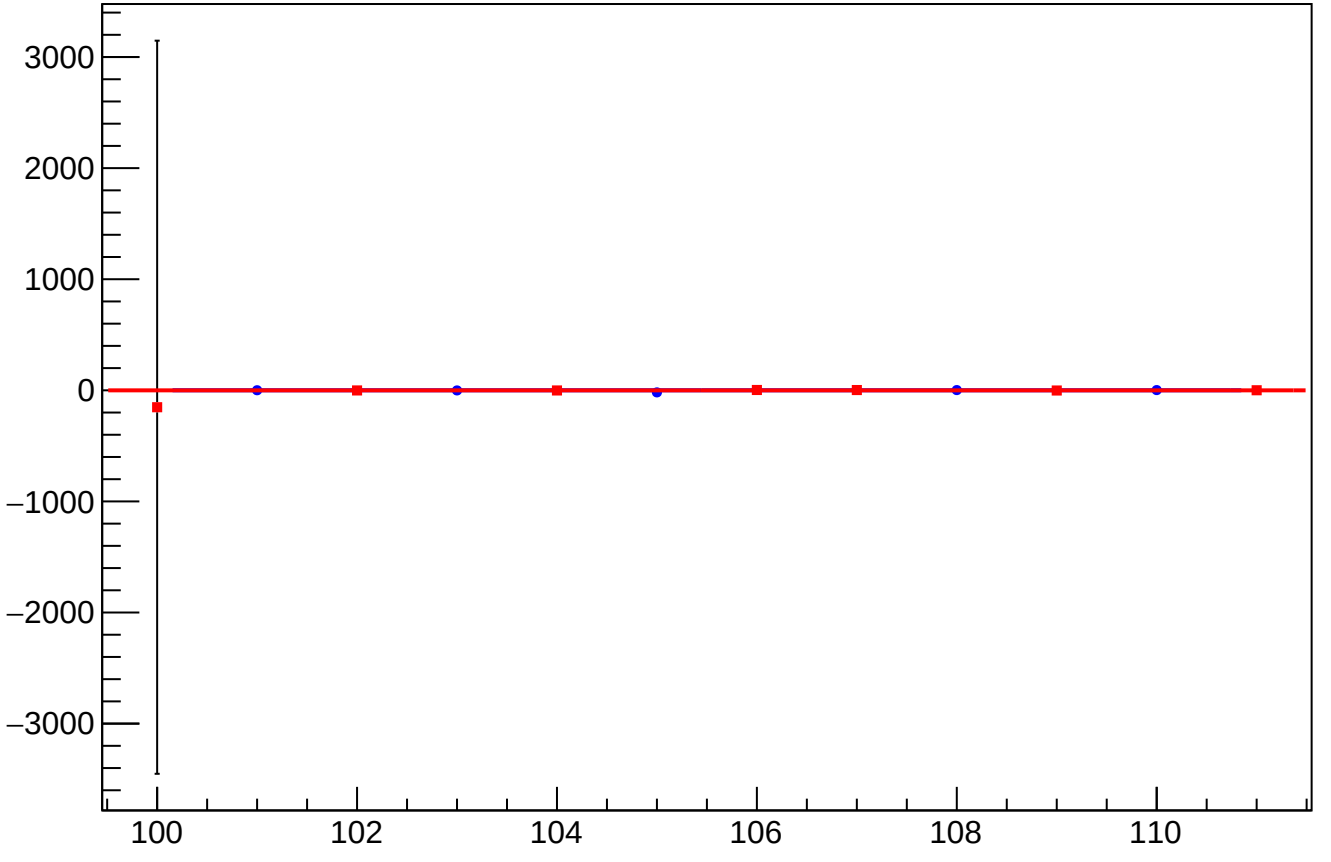
Right Out: 71.944+/-0.032 χ^2/NDF: 276758.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

62.843+/-0.033 χ^2/NDF: 131171.3/4

71.944+/-0.032 χ^2/NDF: 276758.7/6

asym_ds_avg_correction_mean vs slug



Right In: 0.460+/-0.764 χ^2/NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

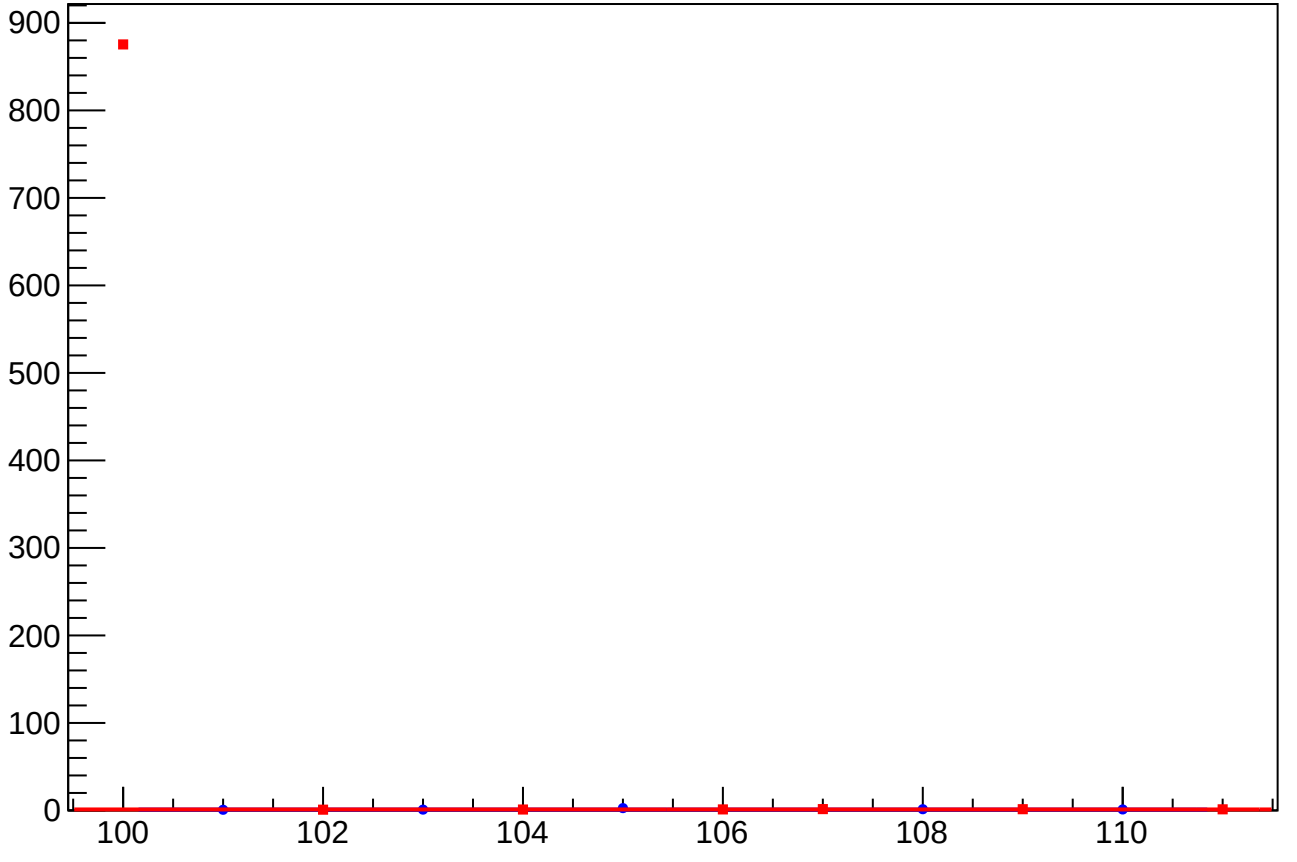
Right Out: -0.266+/-0.778 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.460+/-0.764 χ^2/NDF: 2.7/4

-0.266+/-0.778 χ^2/NDF: 4.1/6

asym_ds_avg_correction_rms vs slug



Right In: 0.939+/-0.001 χ^2/NDF: 139764.5/4

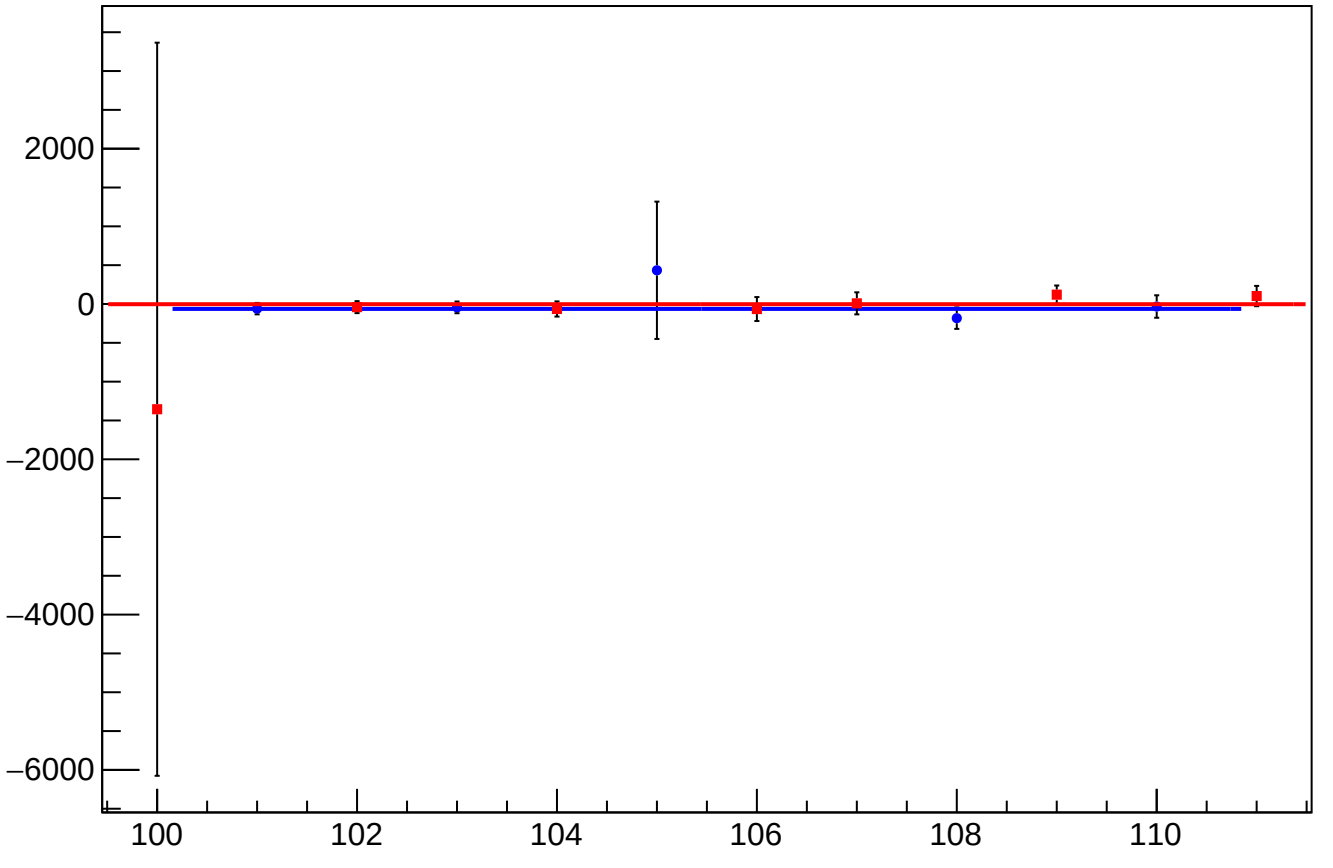
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.140+/-0.001 χ^2/NDF: 311283.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.939+/-0.001 χ^2/NDF: 139764.5/4

1.140+/-0.001 χ^2/NDF: 311283.3/6



Right In: -63.194+/-46.494 χ^2/NDF: 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

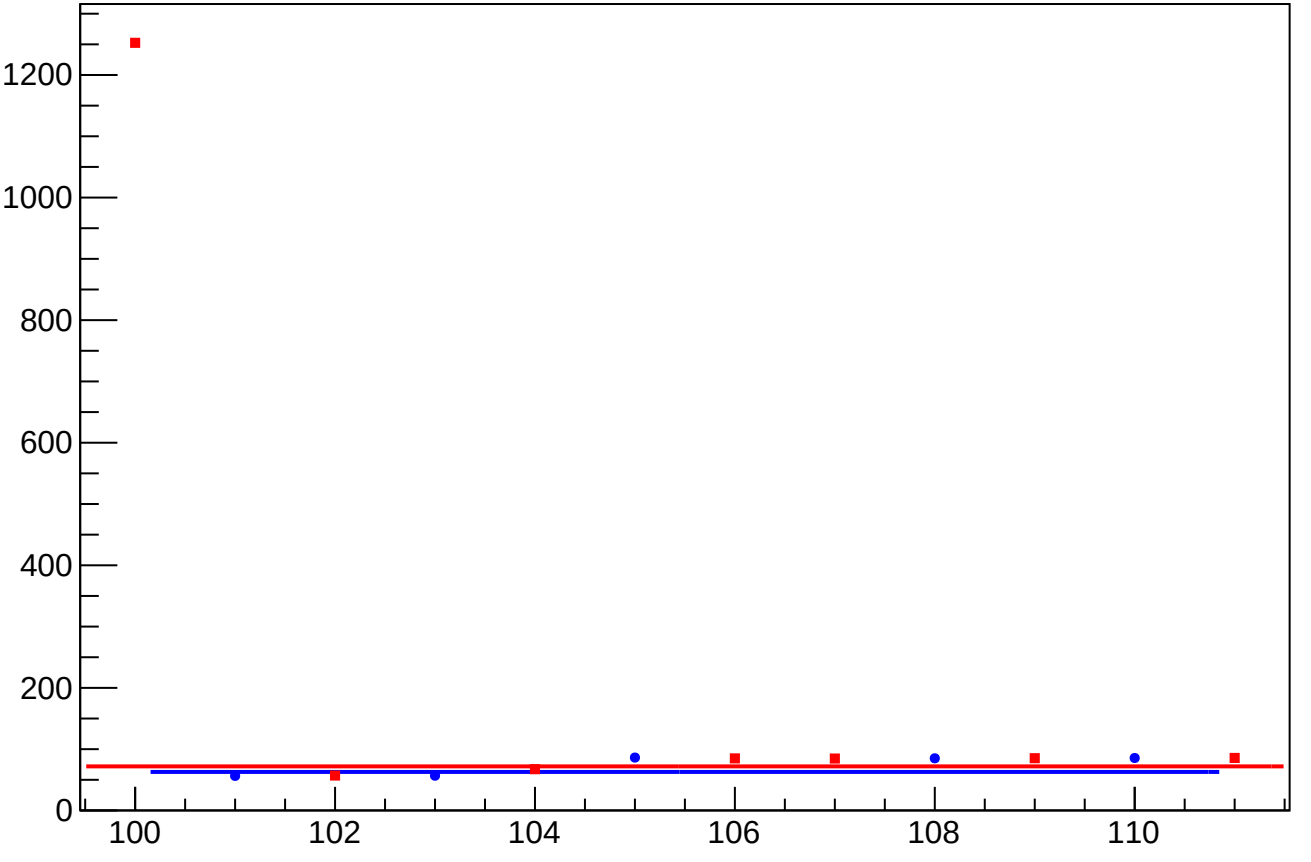
Right Out: -2.622+/-44.945 χ^2/NDF: 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-63.194+/-46.494 χ^2/NDF: 1.2/4

-2.622+/-44.945 χ^2/NDF: 2.6/6

asym_ds_avg_rms vs slug



Right In: 62.859+/-0.033 χ^2/NDF: 131181.1/4

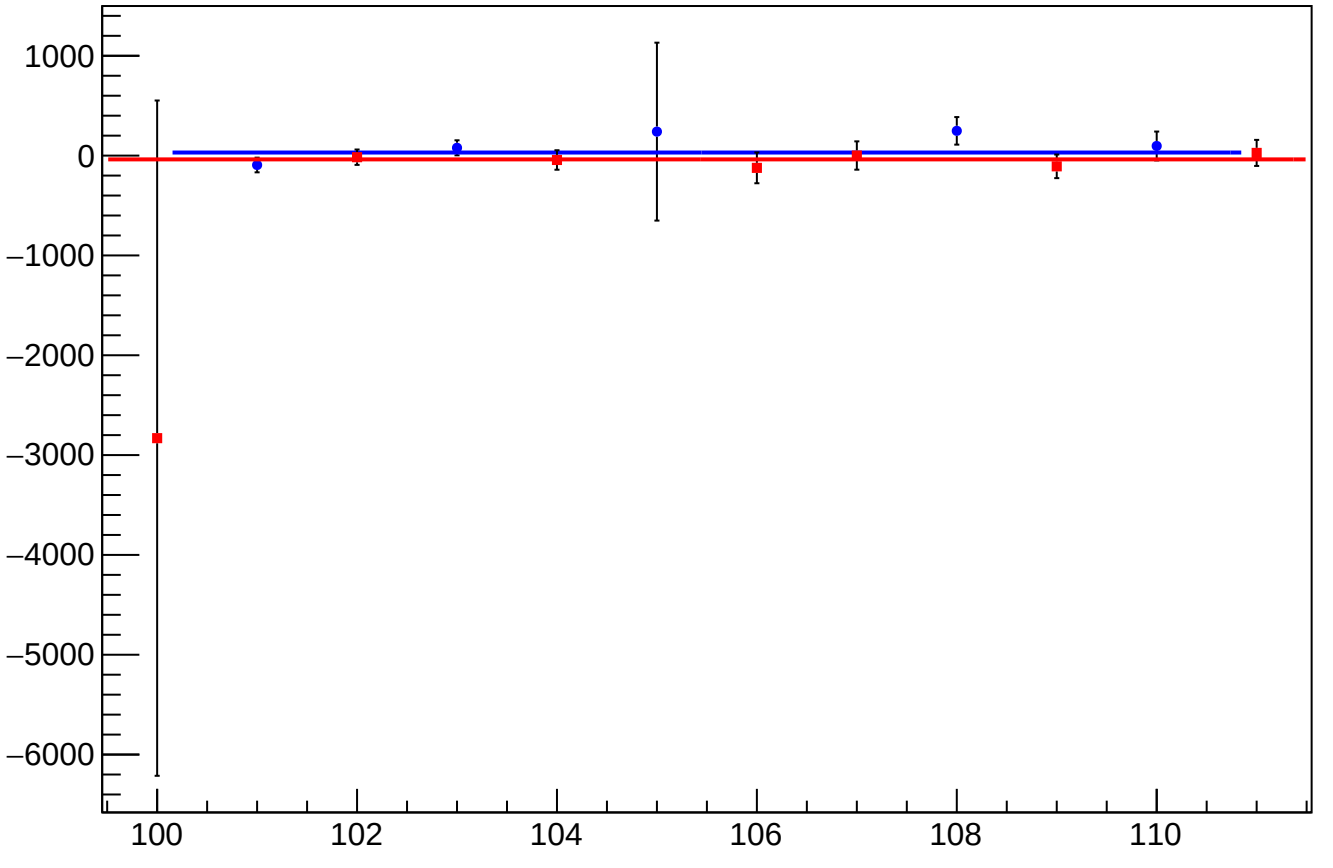
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 71.925+/-0.032 χ^2/NDF: 282738.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

62.859+/-0.033 χ^2/NDF: 131181.1/4

71.925+/-0.032 χ^2/NDF: 282738.2/6



Right In: 30.914+/-46.452 χ^2/NDF: 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

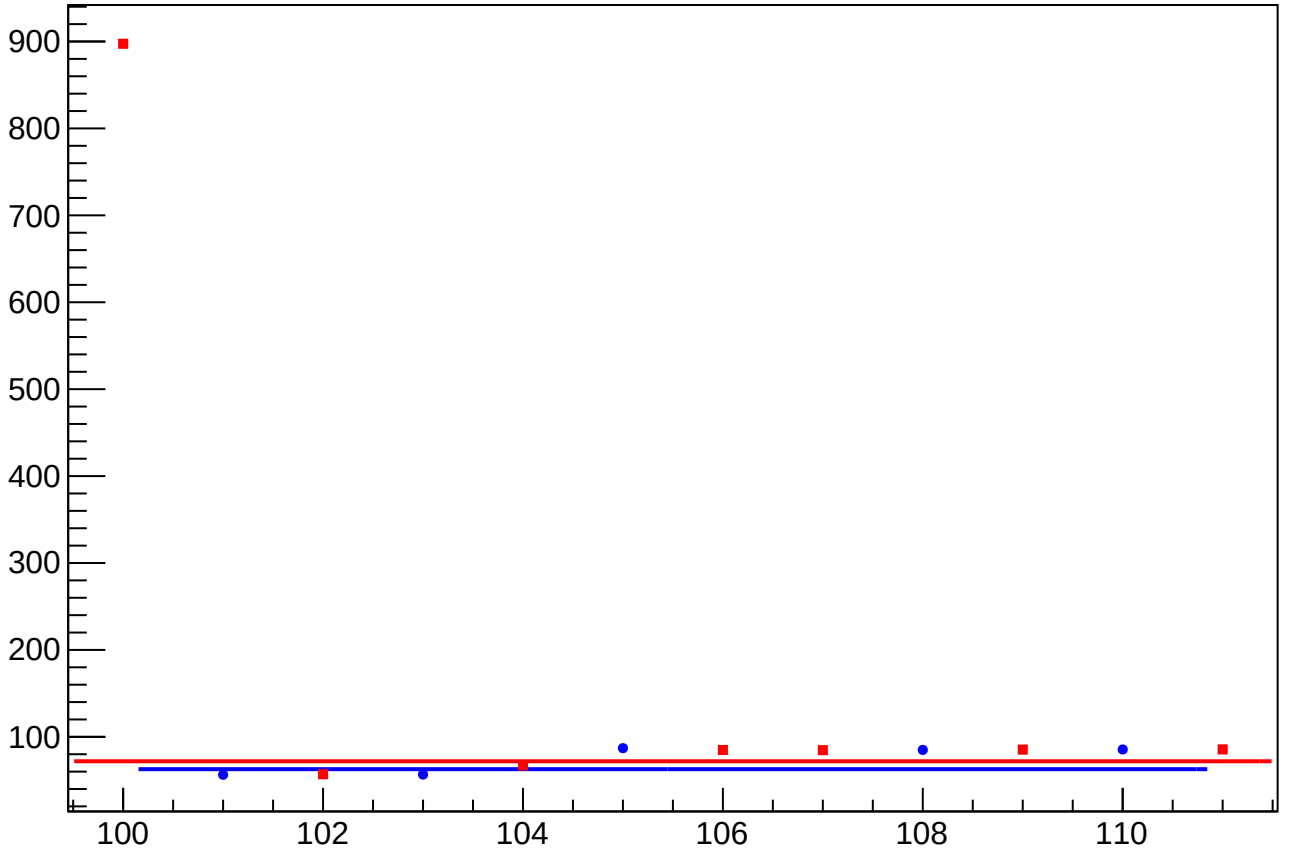
Right Out: -37.833+/-44.910 χ^2/NDF: 1.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

30.914+/-46.452 χ^2/NDF: 6.0/4

-37.833+/-44.910 χ^2/NDF: 1.7/6

reg_asym_ds_dd_rms vs slug



Right In: 62.804+/-0.033 χ^2/NDF: 130921.8/4

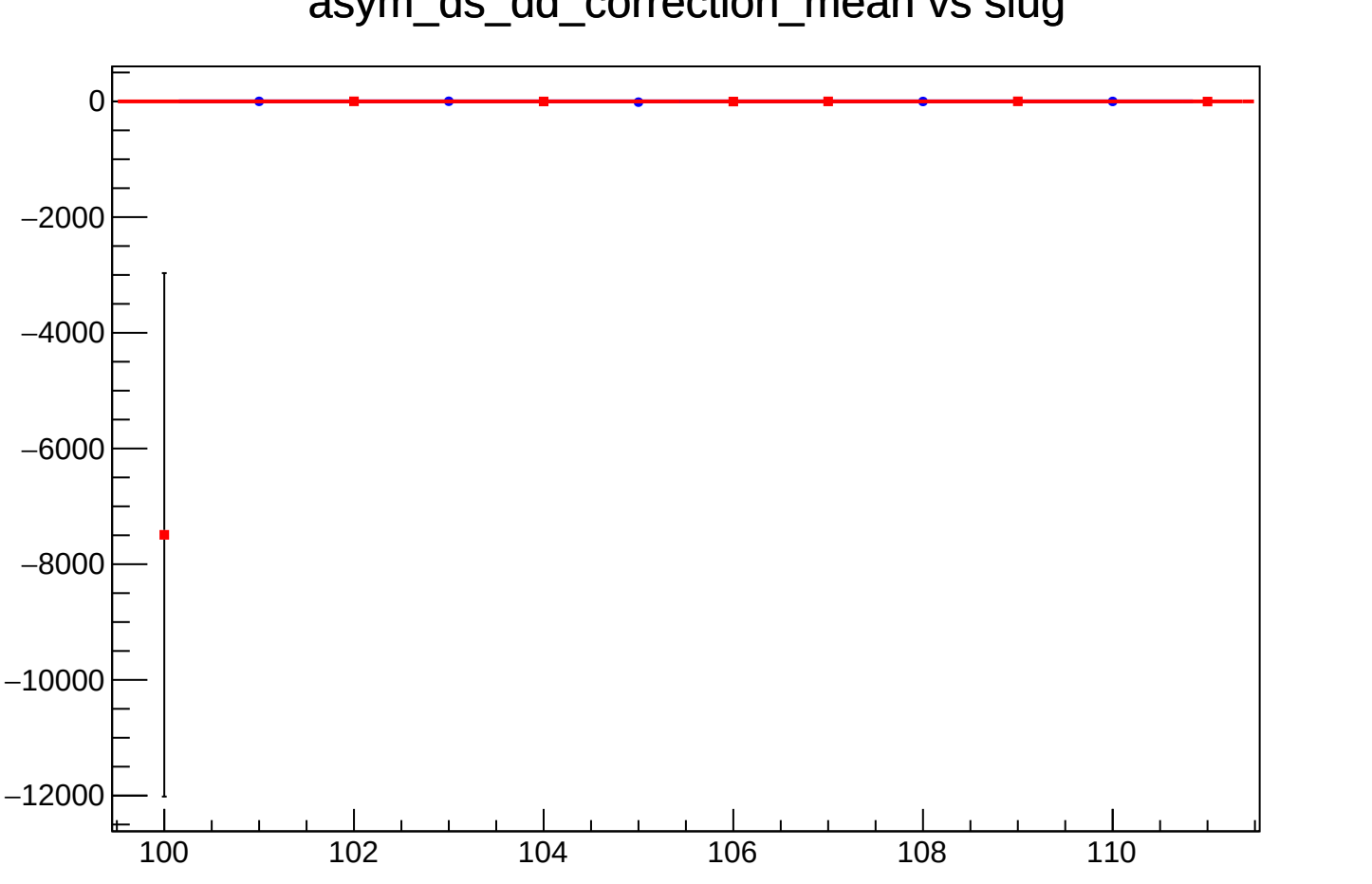
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 71.909+/-0.032 χ^2/NDF: 276911.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

62.804+/-0.033 χ^2/NDF: 130921.8/4

71.909+/-0.032 χ^2/NDF: 276911.6/6



Right In: 1.053+/-0.798 χ^2/NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

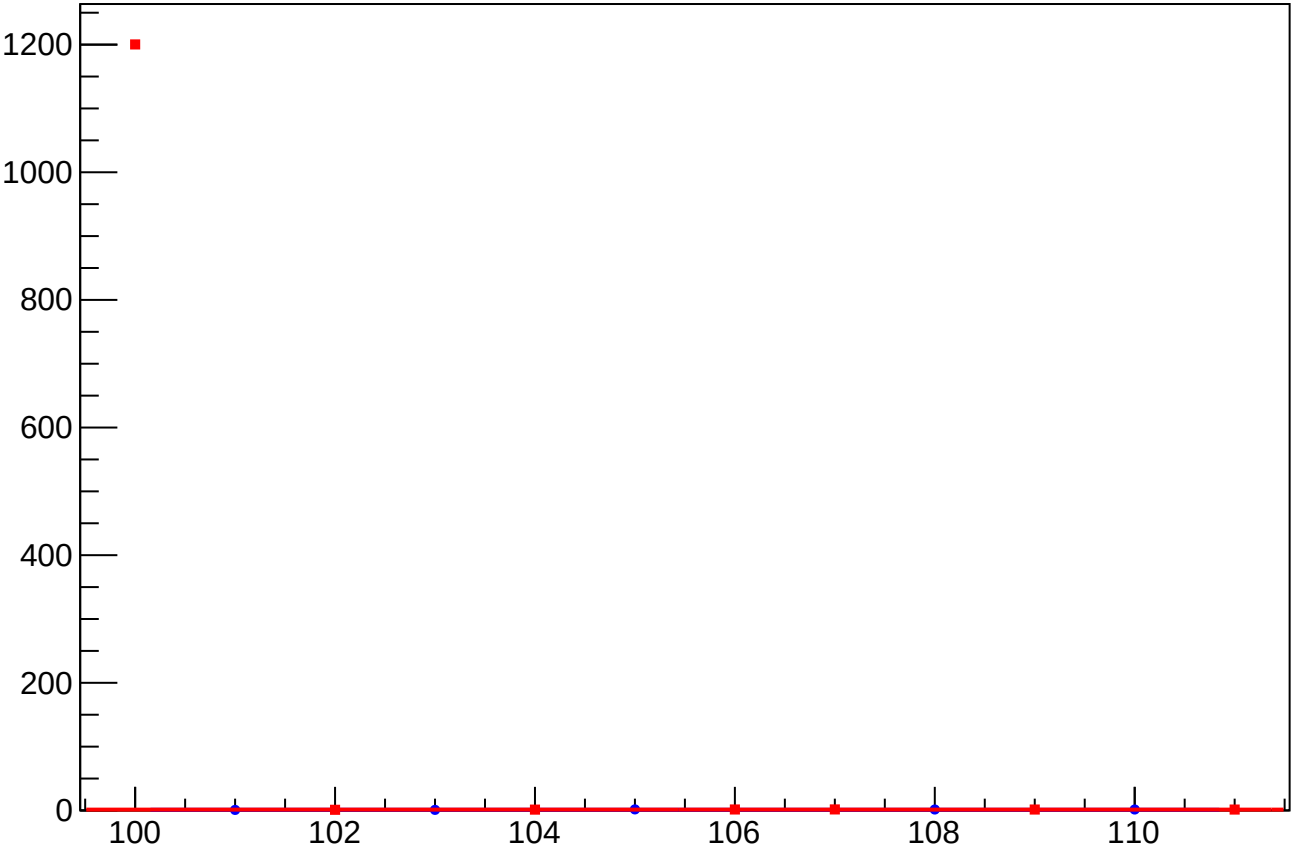
Right Out: -0.001+/-0.859 χ^2/NDF: 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.053+/-0.798 χ^2/NDF: 2.7/4

-0.001+/-0.859 χ^2/NDF: 5.9/6

asym_ds_dd_correction_rms vs slug



Right In: 0.985+/-0.001 χ^2/NDF: 184266.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

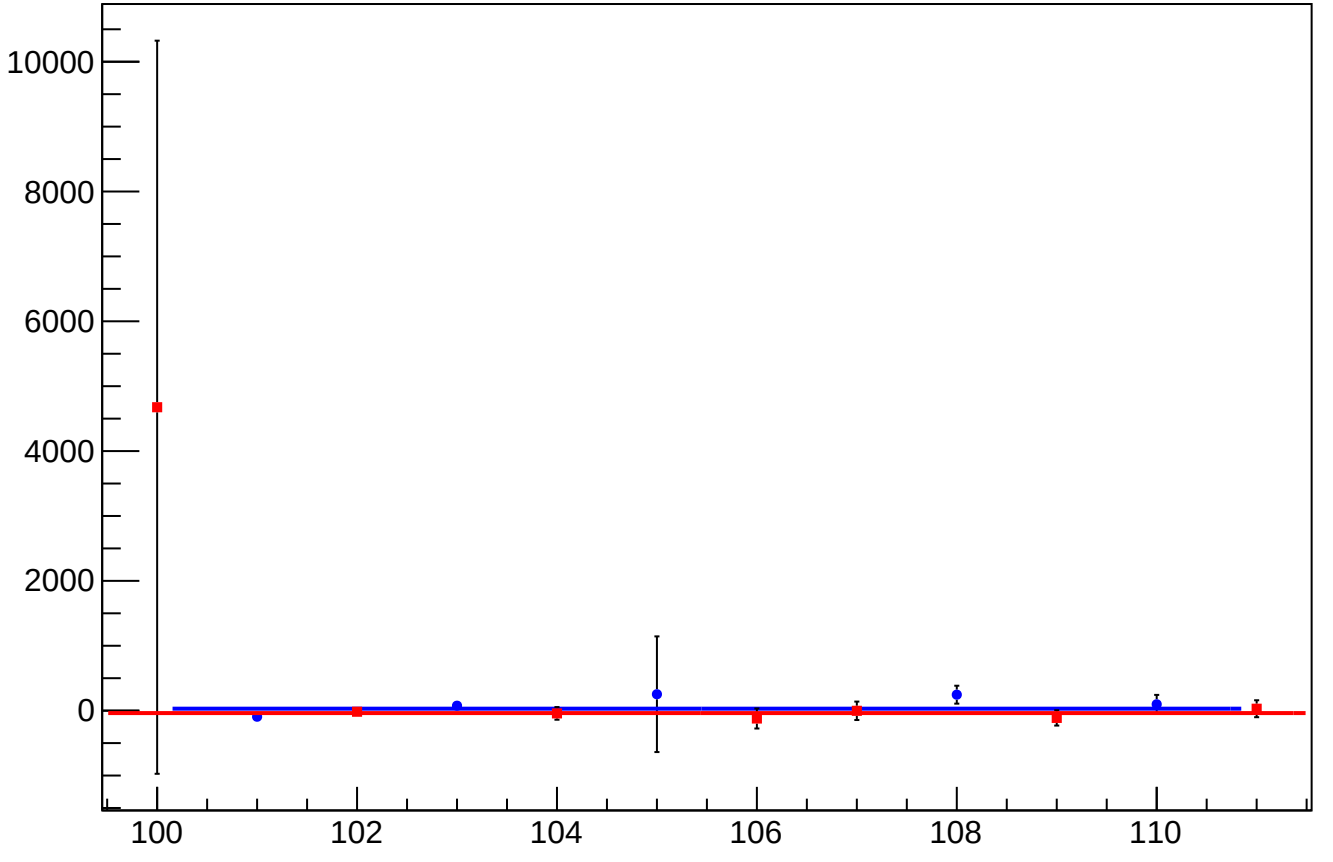
Right Out: 1.302+/-0.001 χ^2/NDF: 257004.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.985+/-0.001 χ^2/NDF: 184266.4/4

1.302+/-0.001 χ^2/NDF: 257004.8/6

asym_ds_dd_mean vs slug



Right In: 30.348+/-46.464 χ^2/NDF: 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

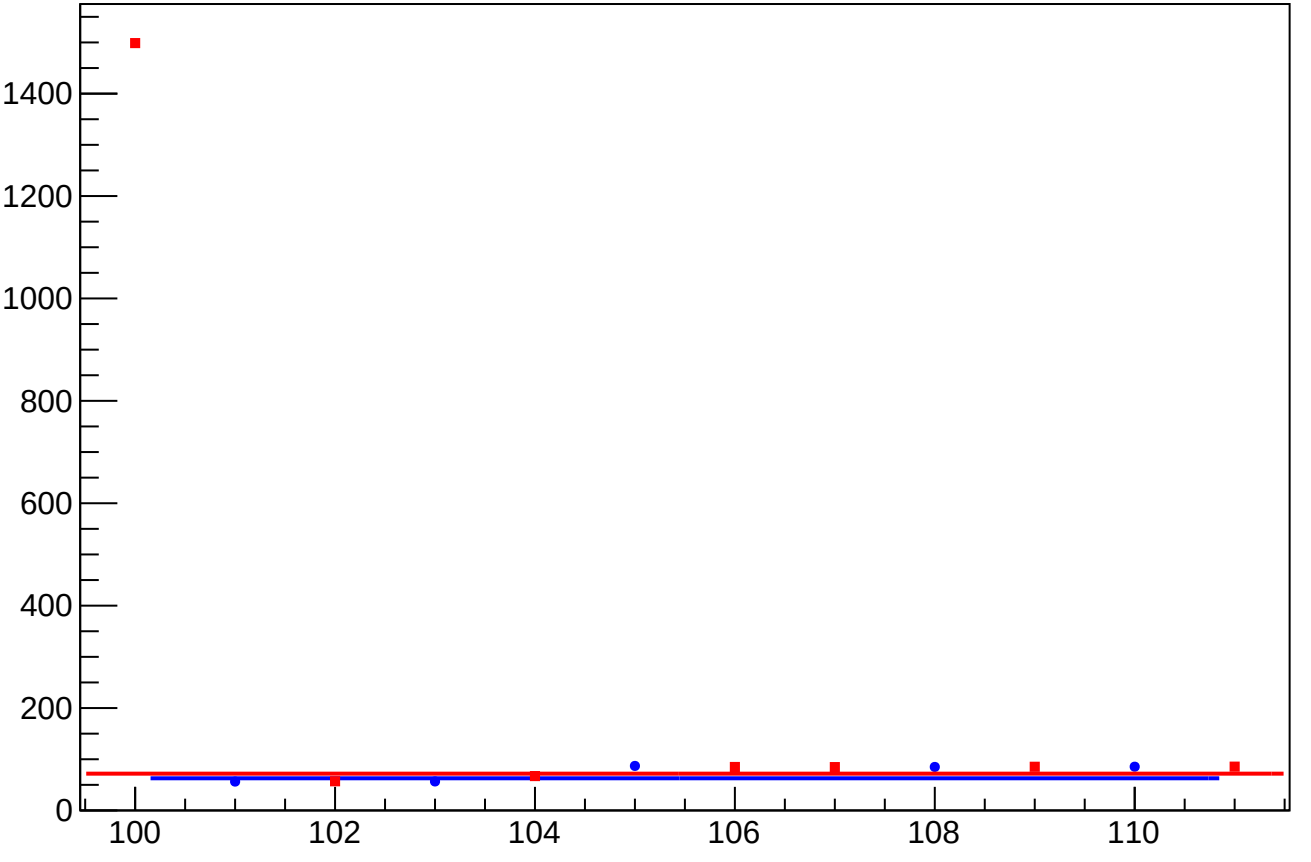
Right Out: -37.477+/-44.925 χ^2/NDF: 1.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

30.348+/-46.464 χ^2/NDF: 5.9/4

-37.477+/-44.925 χ^2/NDF: 1.8/6

asym_ds_dd_rms vs slug



Right In: 62.820+/-0.033 χ^2/NDF: 130930.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

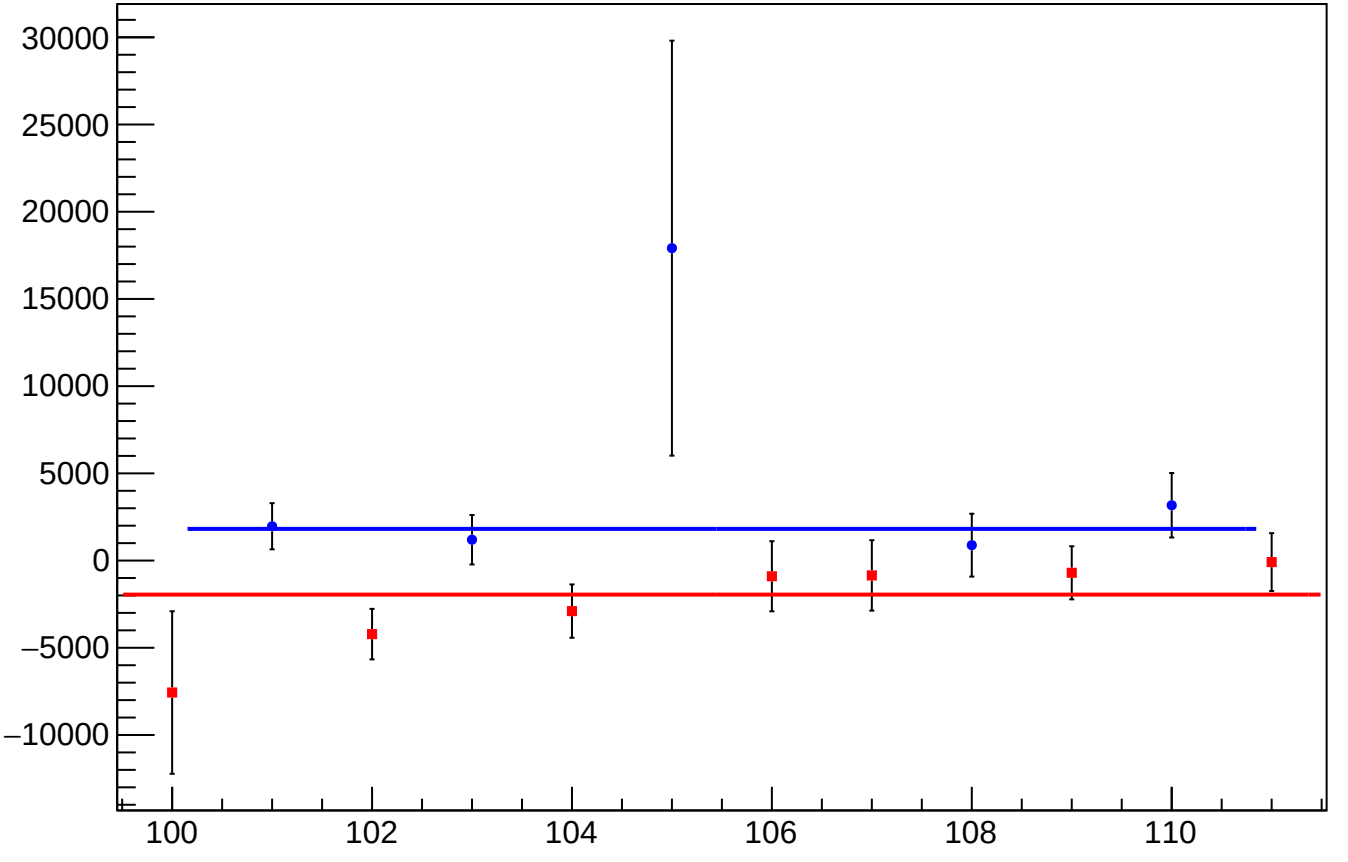
Right Out: 71.874+/-0.032 χ^2/NDF: 285375.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

62.820+/-0.033 χ^2/NDF: 130930.7/4

71.874+/-0.032 χ^2/NDF: 285375.1/6

reg_asym_usl_mean vs slug



Right In: 1817.056+/-772.781 χ^2/NDF: 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

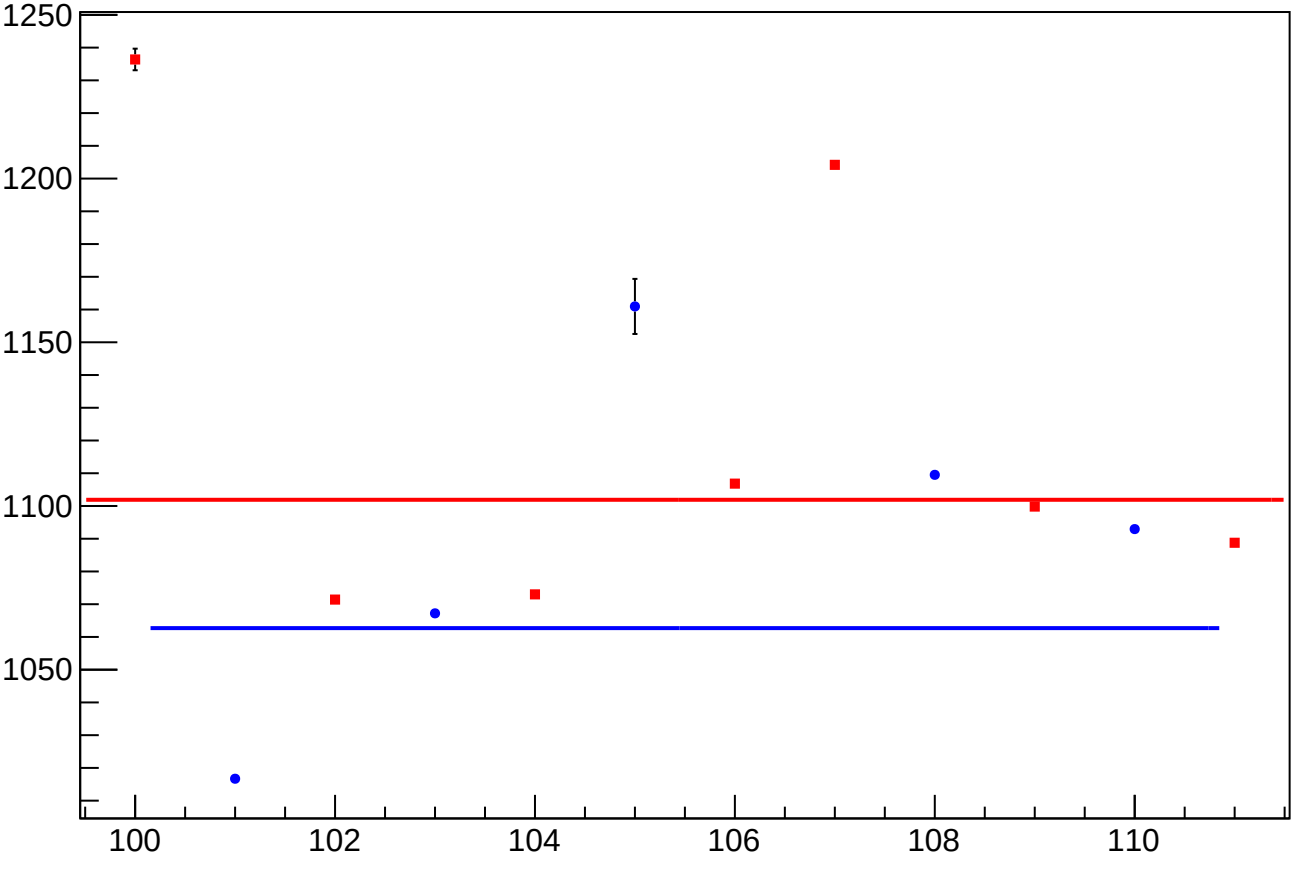
Right Out: -1950.732+/-668.485 χ^2/NDF: 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1817.056+/-772.781 χ^2/NDF: 2.8/4

-1950.732+/-668.485 χ^2/NDF: 6.8/6

reg_asym_usl_rms vs slug



Right In: 1062.698+/-0.546 χ^2/NDF: 4452.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

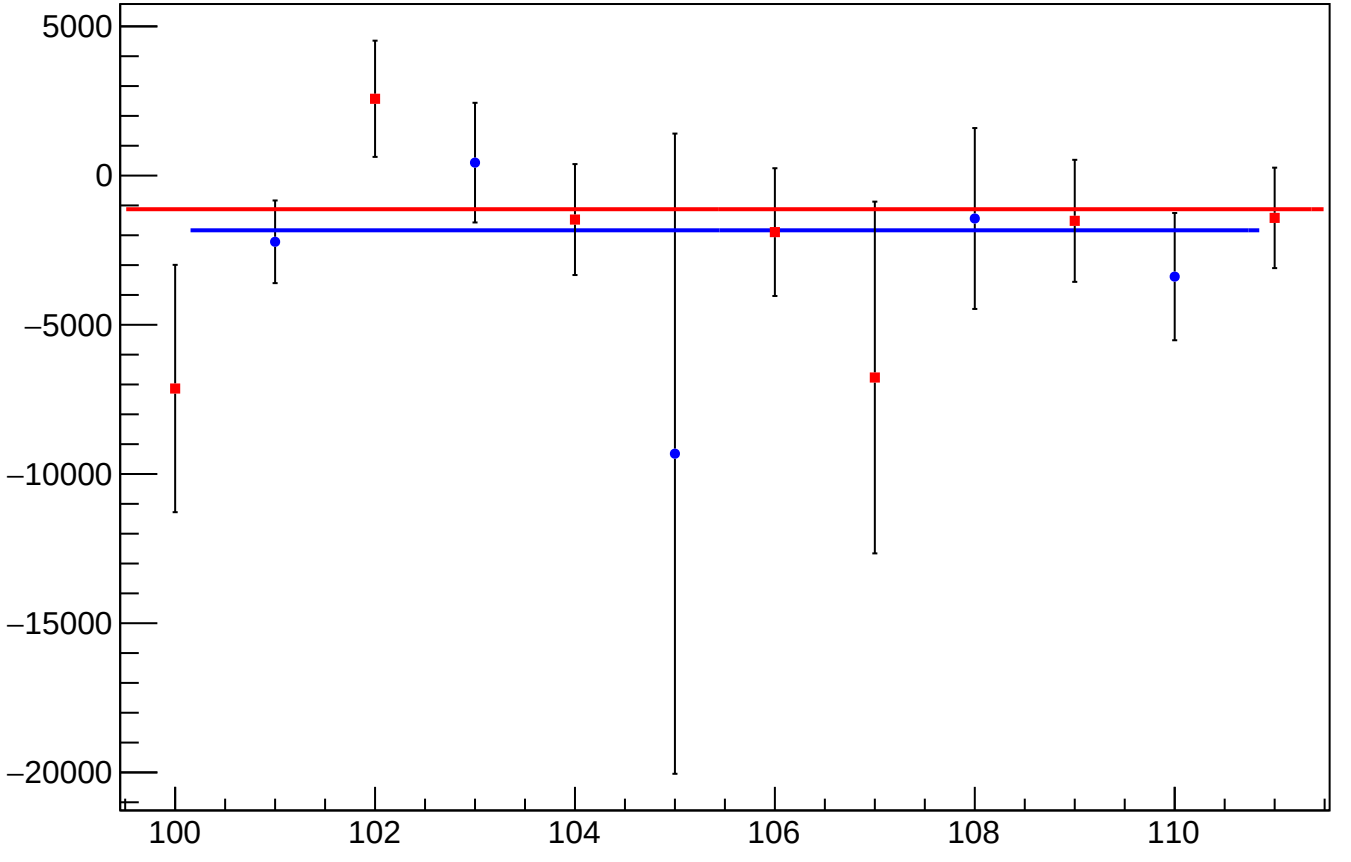
Right Out: 1101.894+/-0.473 χ^2/NDF: 8549.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1062.698+/-0.546 χ^2/NDF: 4452.6/4

1101.894+/-0.473 χ^2/NDF: 8549.2/6

asym_usl_correction_mean vs slug



Right In: -1833.546+/-950.115 χ^2/NDF: 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

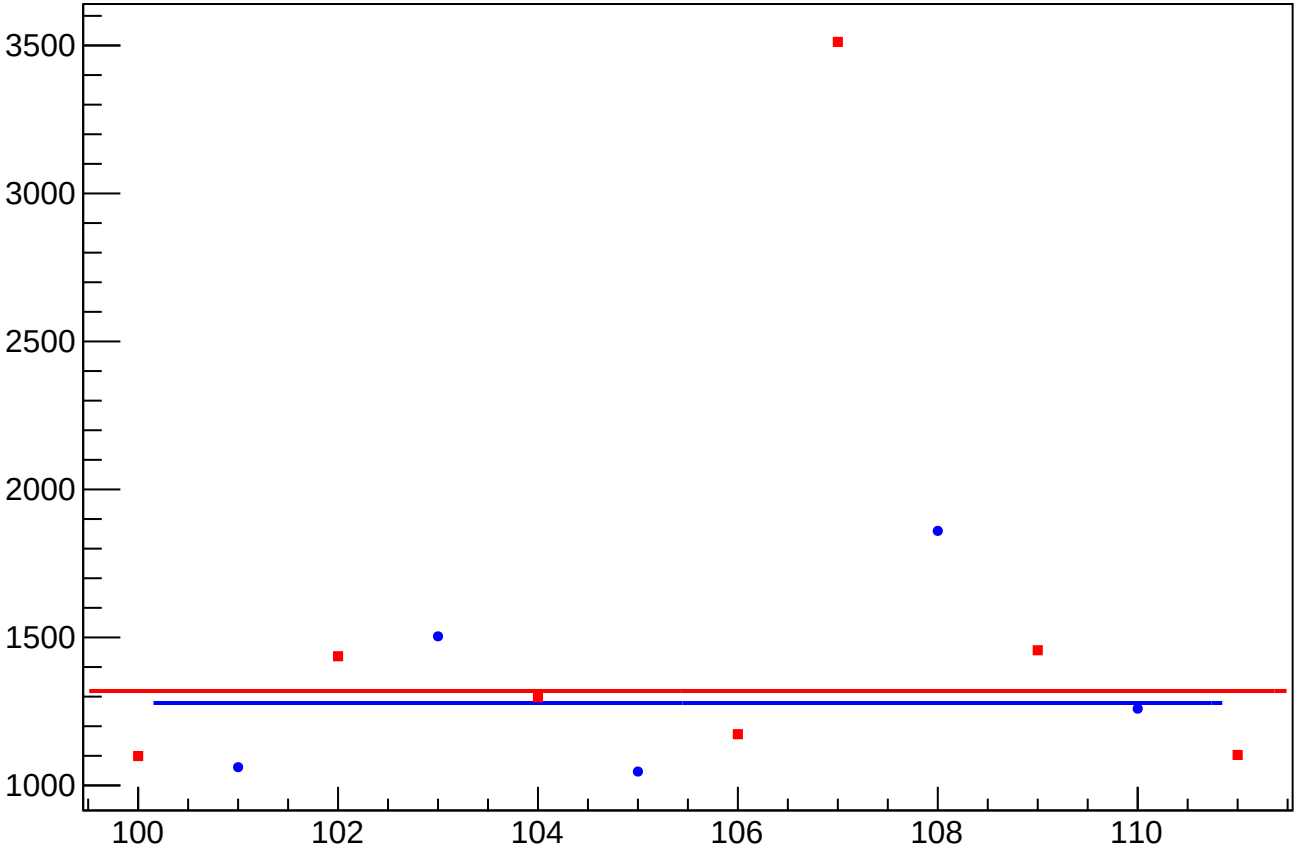
Right Out: -1126.987+/-830.283 χ^2/NDF: 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1833.546+/-950.115 χ^2/NDF: 2.4/4

-1126.987+/-830.283 χ^2/NDF: 6.9/6

asym_usl_correction_rms vs slug



Right In: 1278.533+/-0.672 χ^2/NDF: 148997.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

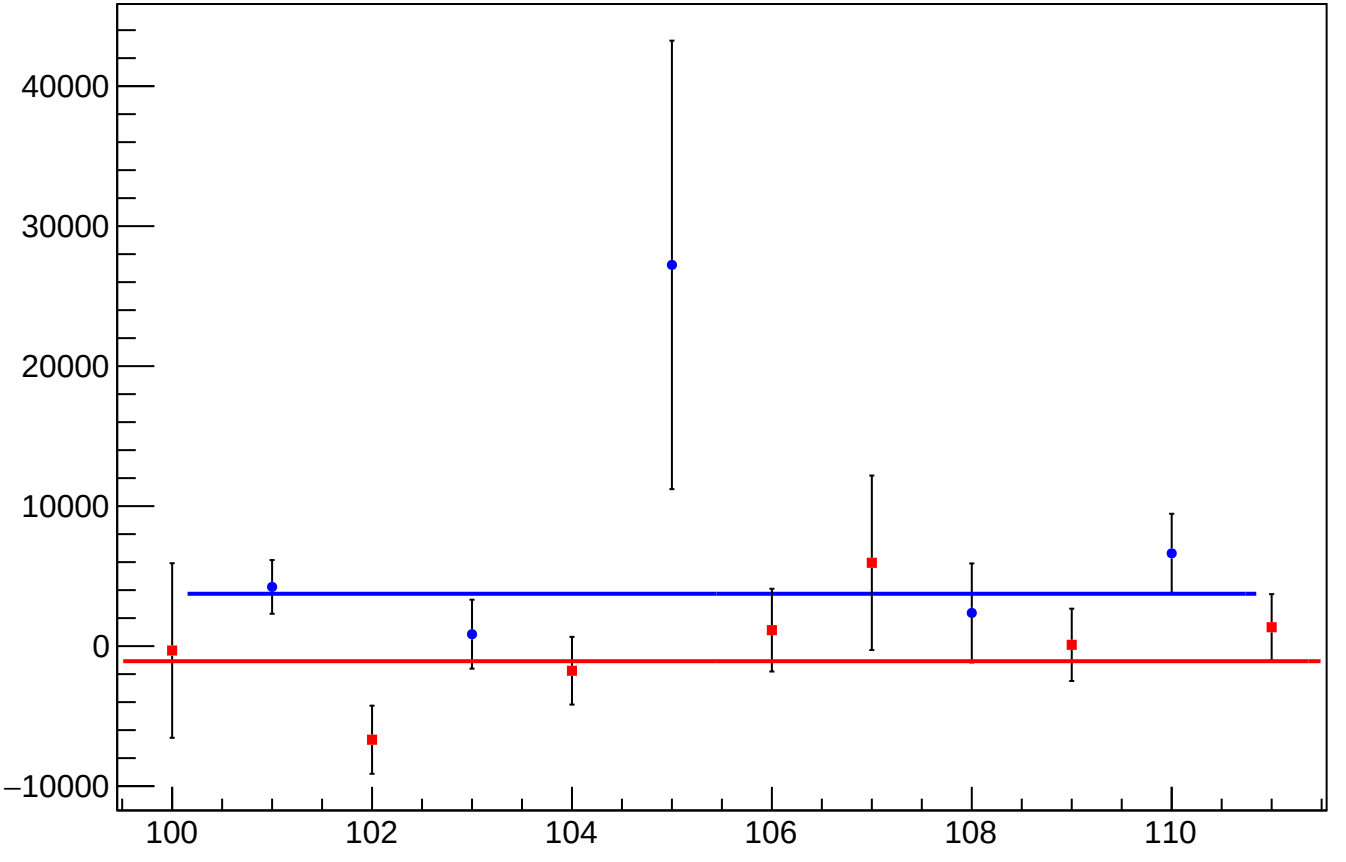
Right Out: 1319.093+/-0.587 χ^2/NDF: 341411.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1278.533+/-0.672 χ^2/NDF: 148997.9/4

1319.093+/-0.587 χ^2/NDF: 341411.6/6

asym_usl_mean vs slug



Right In: 3740.874+/-1244.428 χ^2/NDF: 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

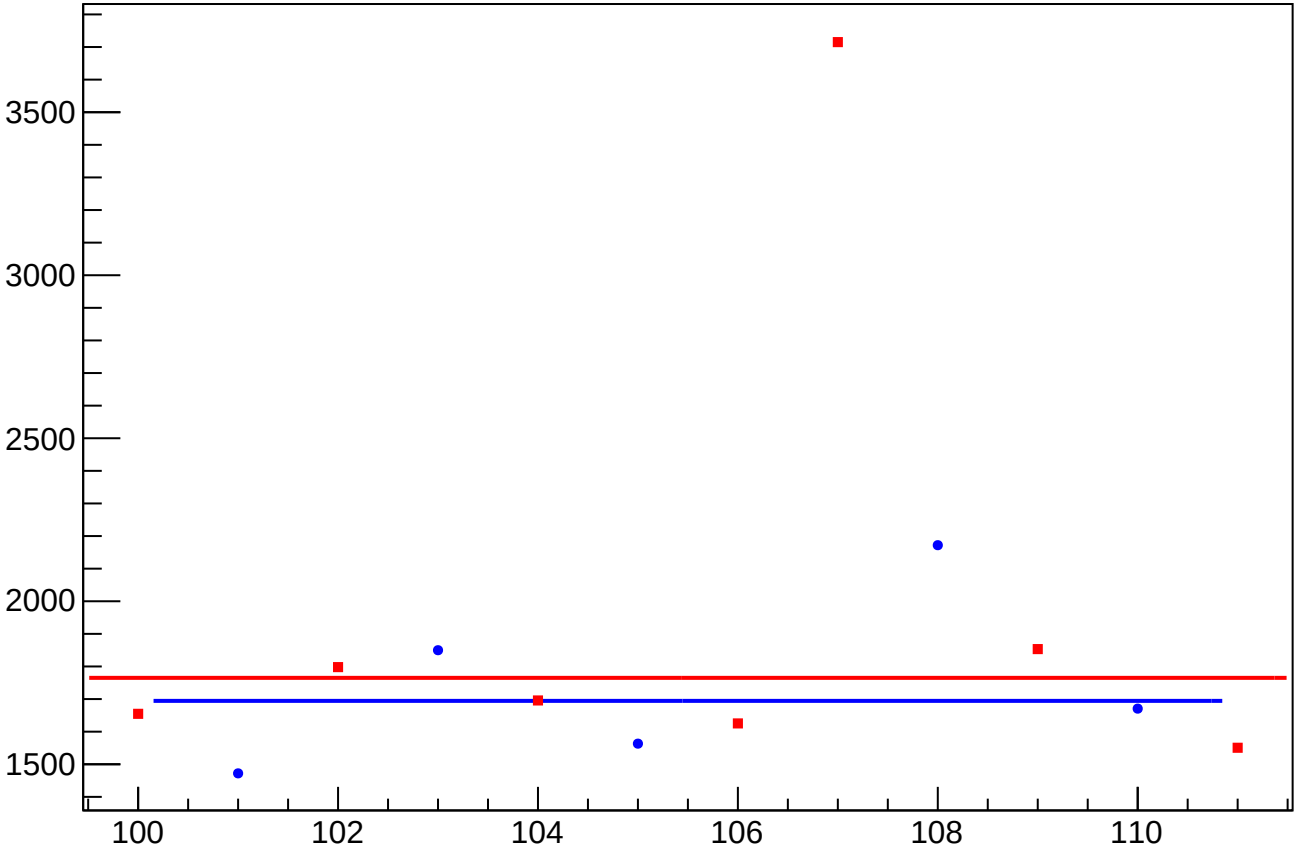
Right Out: -1076.175+/-1094.745 χ^2/NDF: 8.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3740.874+/-1244.428 χ^2/NDF: 4.8/4

-1076.175+/-1094.745 χ^2/NDF: 8.5/6

asym_usl_rms vs slug



Right In: 1694.451+/-0.880 χ^2/NDF: 71594.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

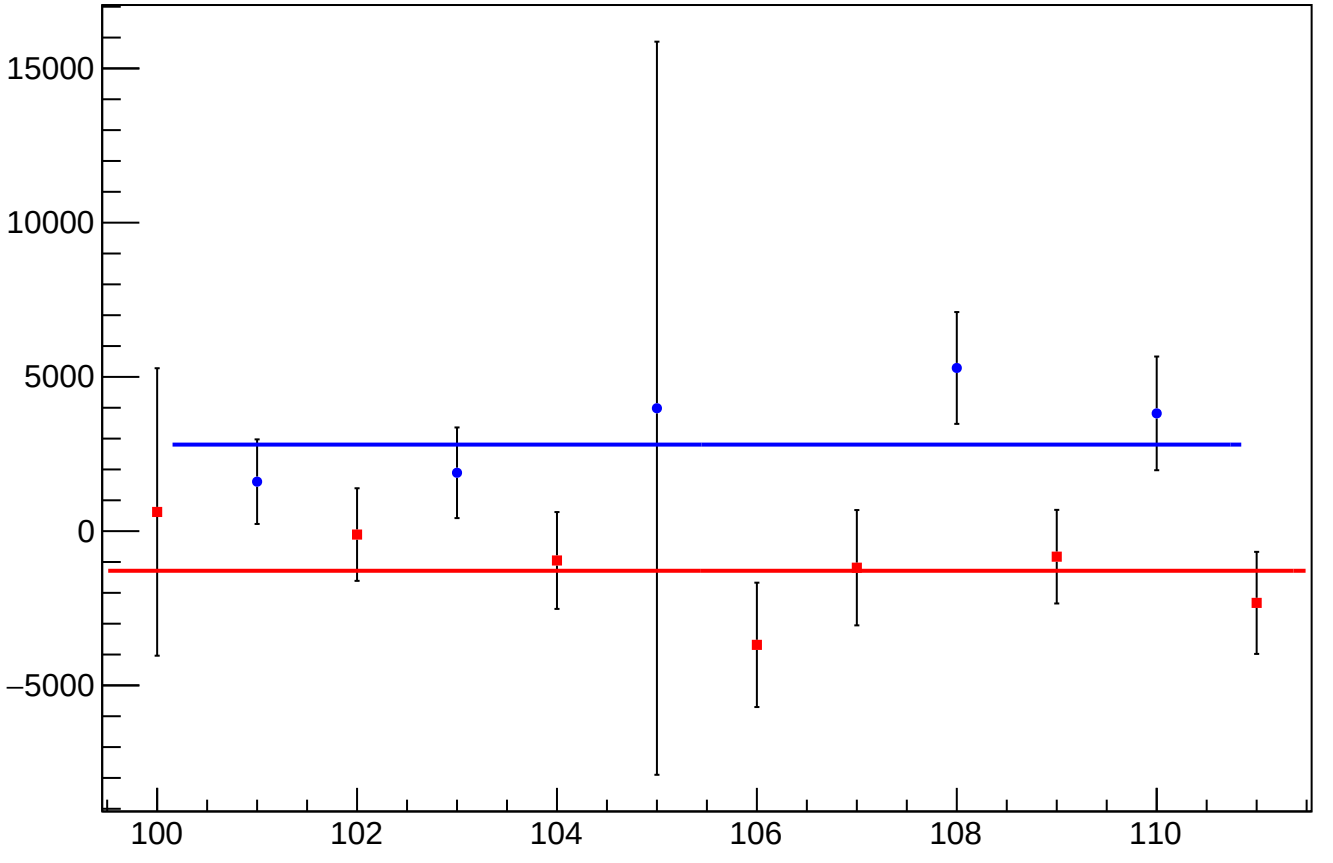
Right Out: 1765.075+/-0.774 χ^2/NDF: 221678.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1694.451+/-0.880 χ^2/NDF: 71594.8/4

1765.075+/-0.774 χ^2/NDF: 221678.8/6

reg_asym_usr_mean vs slug



Right In: 2805.594+/-790.330 χ^2/NDF: 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

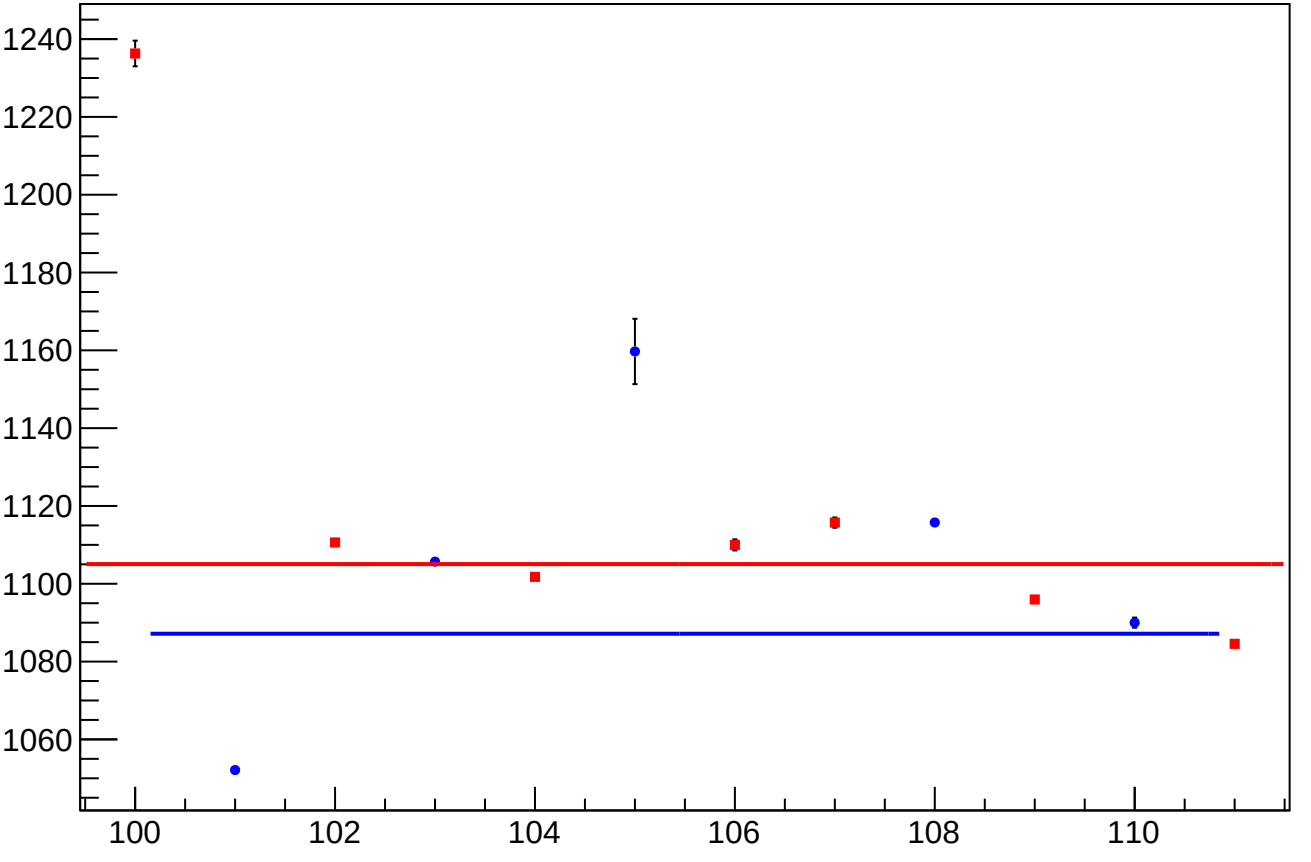
Right Out: -1284.725+/-669.998 χ^2/NDF: 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2805.594+/-790.330 χ^2/NDF: 3.3/4

-1284.725+/-669.998 χ^2/NDF: 2.7/6

reg_asym_usr_rms vs slug



Right In: 1087.158+/-0.559 χ^2/NDF: 2200.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

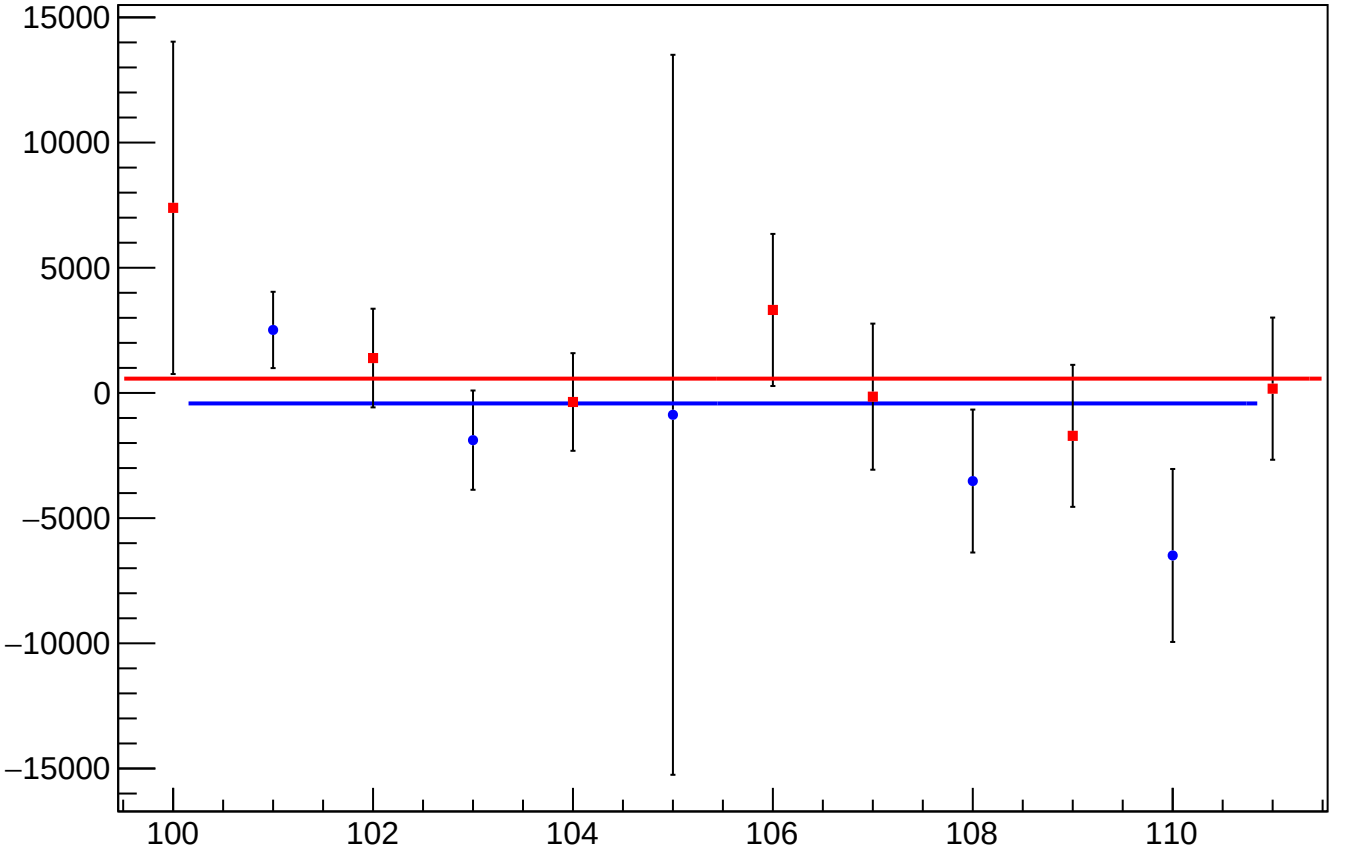
Right Out: 1105.062+/-0.474 χ^2/NDF: 2078.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1087.158+/-0.559 χ^2/NDF: 2200.5/4

1105.062+/-0.474 χ^2/NDF: 2078.9/6

asym_usr_correction_mean vs slug



Right In: -419.097+/-1056.092 χ^2/NDF: 8.5/4

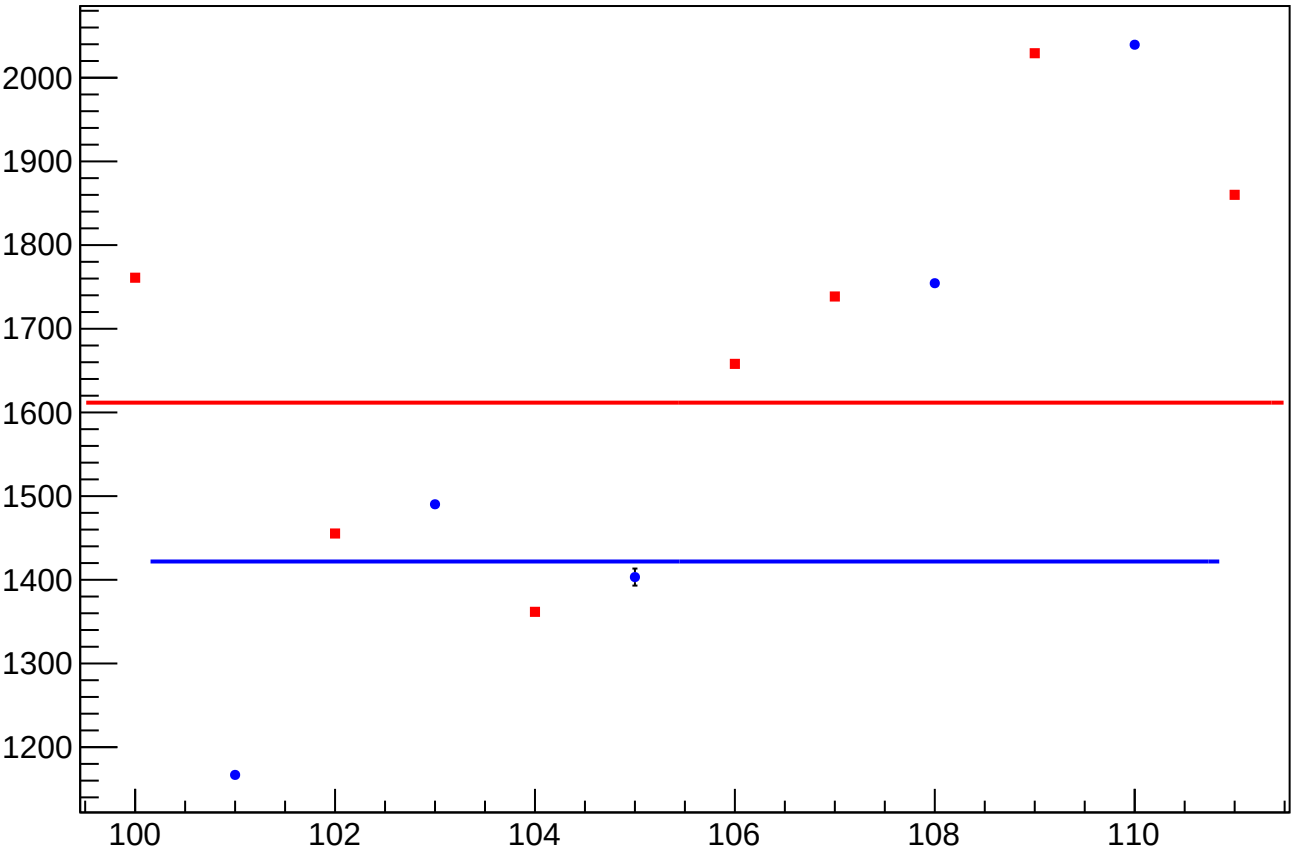
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 571.597+/-991.363 χ^2/NDF: 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-419.097+/-1056.092 χ^2/NDF: 8.5/4

571.597+/-991.363 χ^2/NDF: 3.0/6



Right In: 1421.880+/-0.747 χ^2/NDF: 149493.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

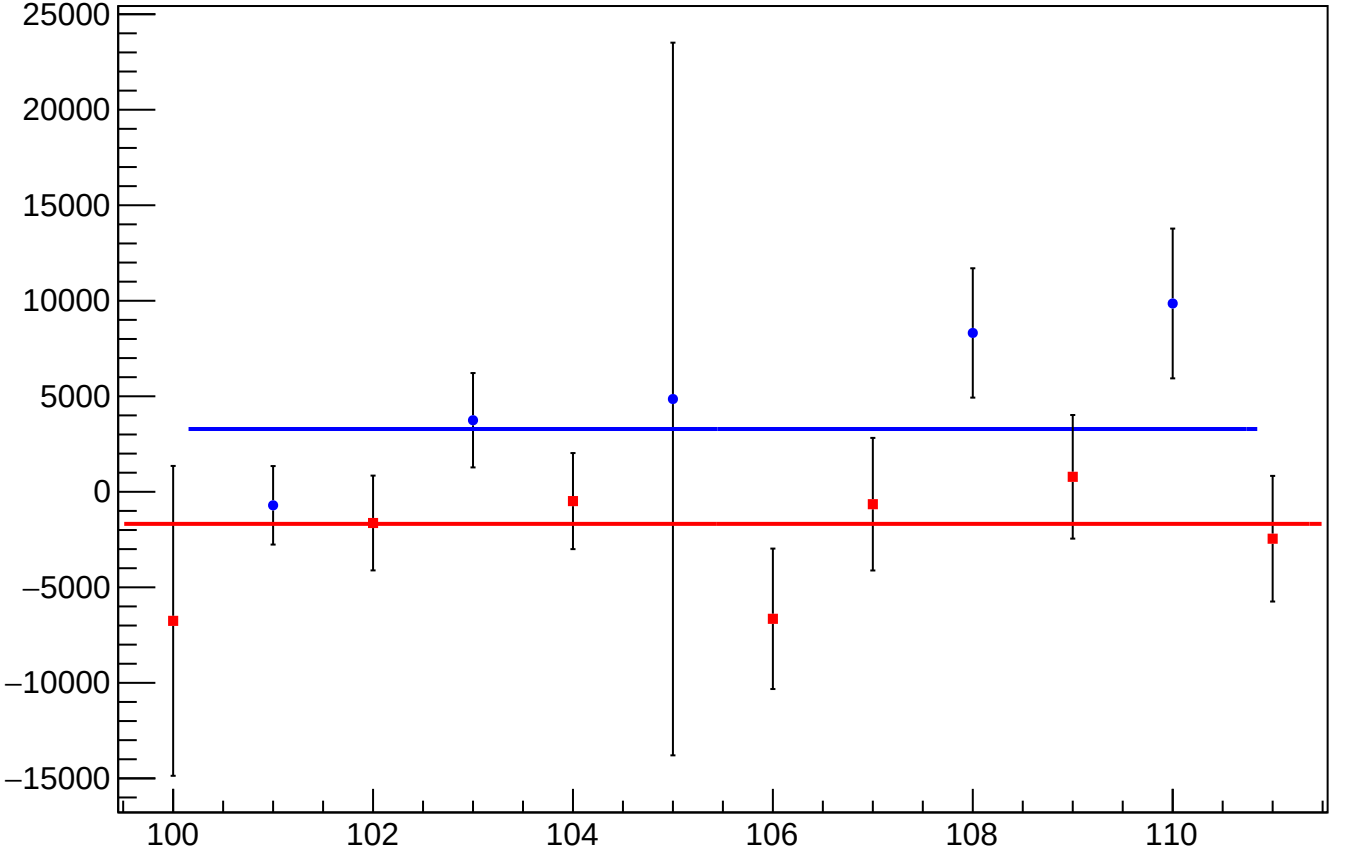
Right Out: 1611.705+/-0.701 χ^2/NDF: 109390.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1421.880+/-0.747 χ^2/NDF: 149493.1/4

1611.705+/-0.701 χ^2/NDF: 109390.6/6

asym_usr_mean vs slug



Right In: 3287.499+/-1341.152 χ^2/NDF: 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

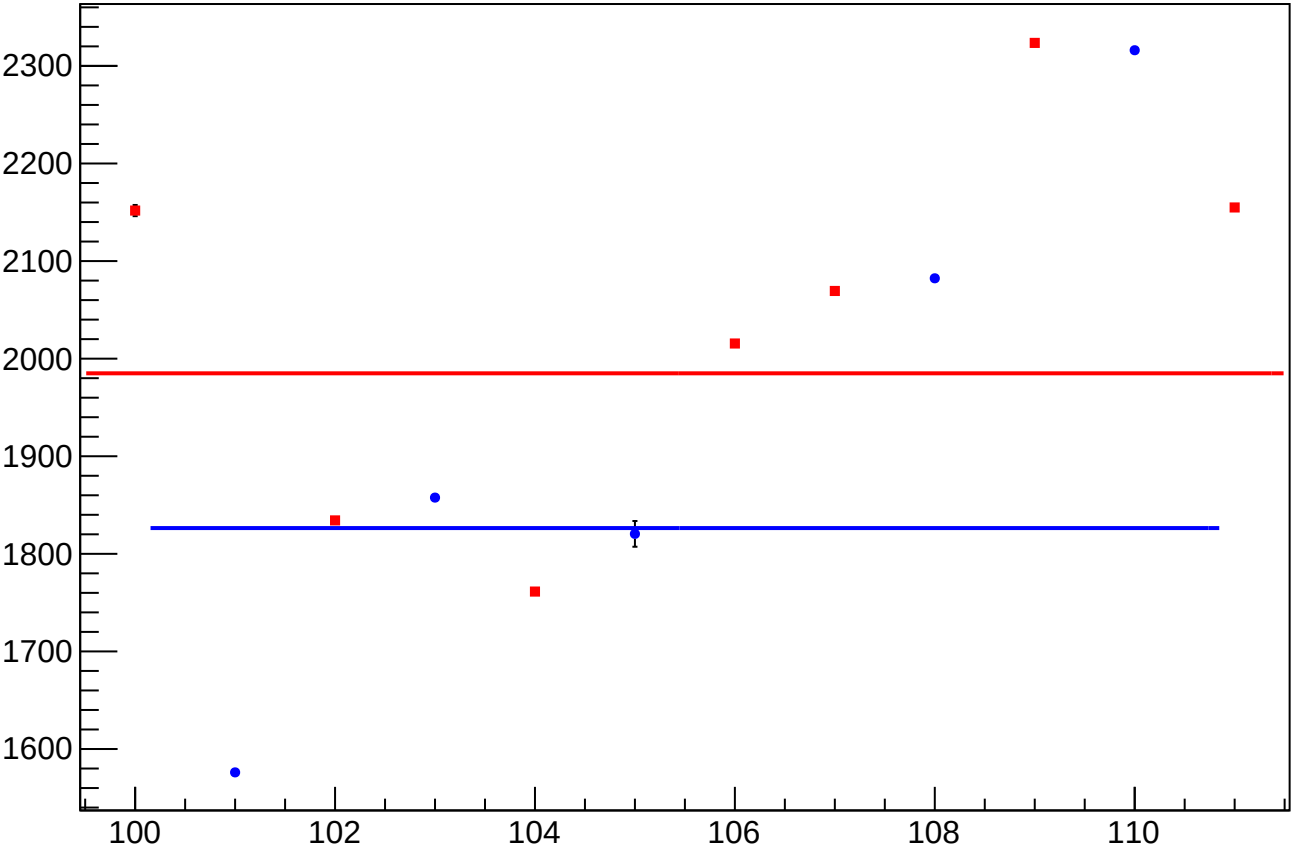
Right Out: -1678.485+/-1211.904 χ^2/NDF: 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3287.499+/-1341.152 χ^2/NDF: 8.8/4

-1678.485+/-1211.904 χ^2/NDF: 3.2/6

asym_usr_rms vs slug



Right In: 1826.404+/-0.948 χ^2/NDF: 72644.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

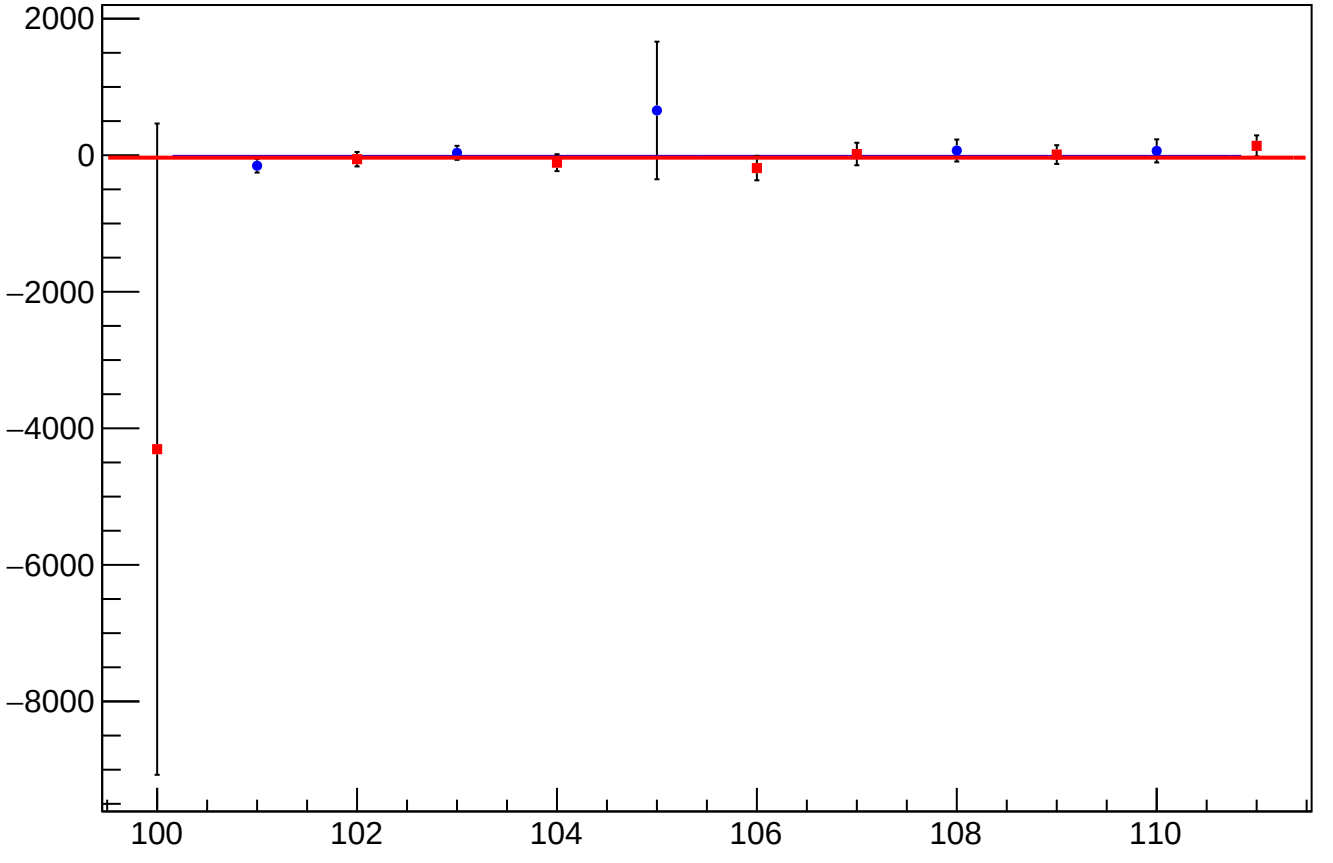
Right Out: 1984.983+/-0.857 χ^2/NDF: 52608.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1826.404+/-0.948 χ^2/NDF: 72644.4/4

1984.983+/-0.857 χ^2/NDF: 52608.4/6

reg_asym_dsl_mean vs slug



Right In: -24.223+/-61.036 χ^2/NDF: 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

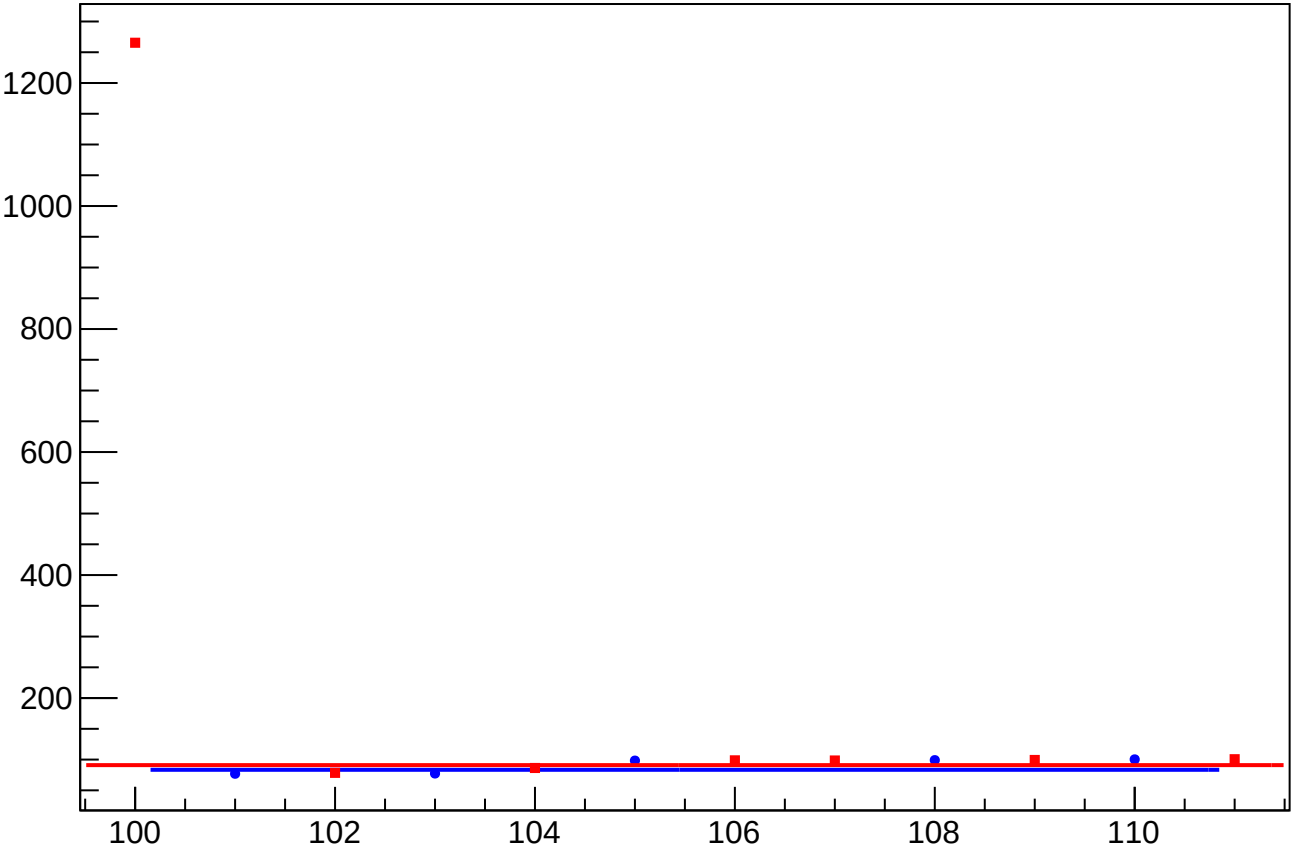
Right Out: -35.595+/-56.135 χ^2/NDF: 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-24.223+/-61.036 χ^2/NDF: 3.1/4

-35.595+/-56.135 χ^2/NDF: 3.4/6

reg_asym_dsl_rms vs slug



Right In: 83.380+/-0.043 χ^2/NDF: 54565.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

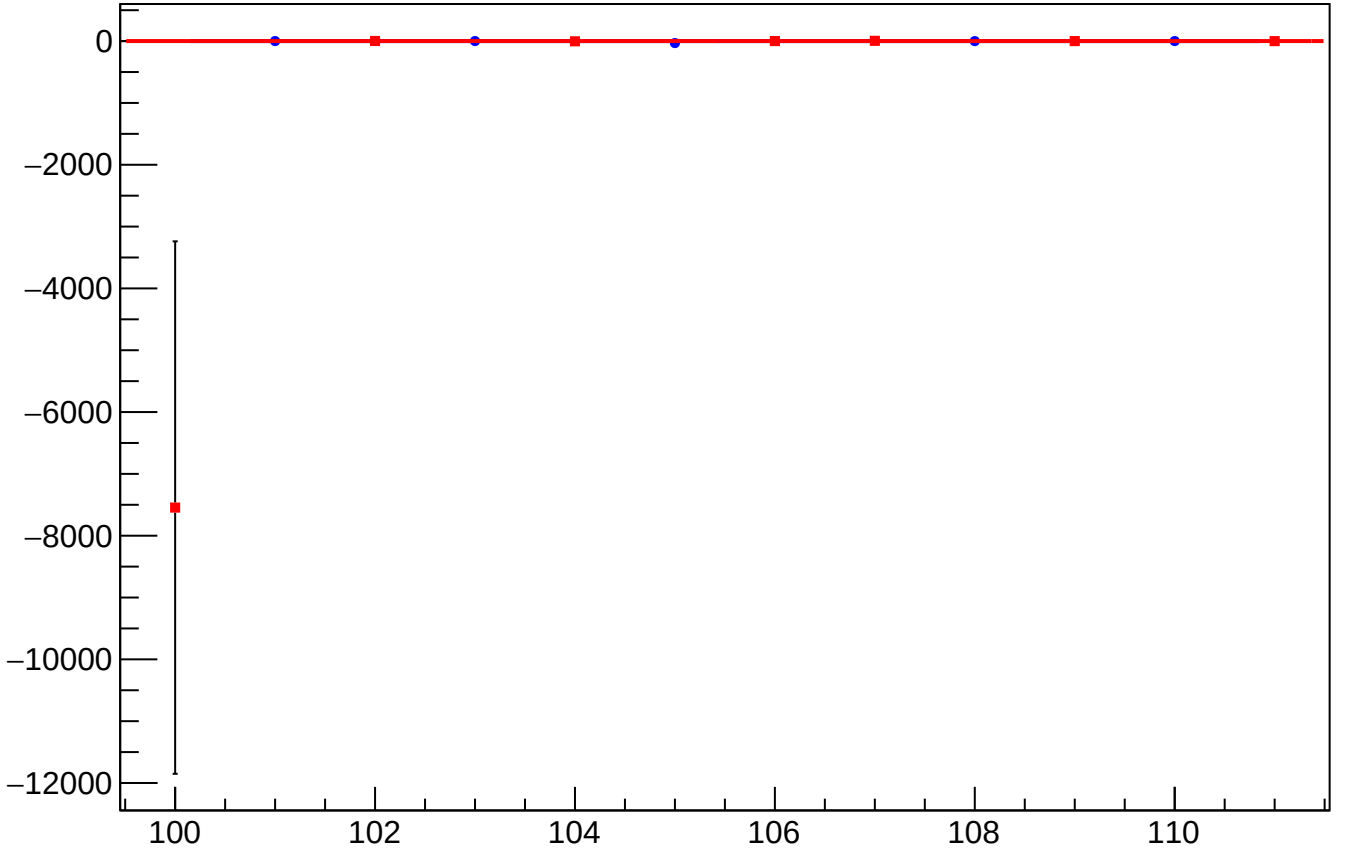
Right Out: 90.981+/-0.040 χ^2/NDF: 175361.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

83.380+/-0.043 χ^2/NDF: 54565.6/4

90.981+/-0.040 χ^2/NDF: 175361.5/6

asym_dsl_correction_mean vs slug



Right In: 0.717+/-0.942 χ^2/NDF: 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

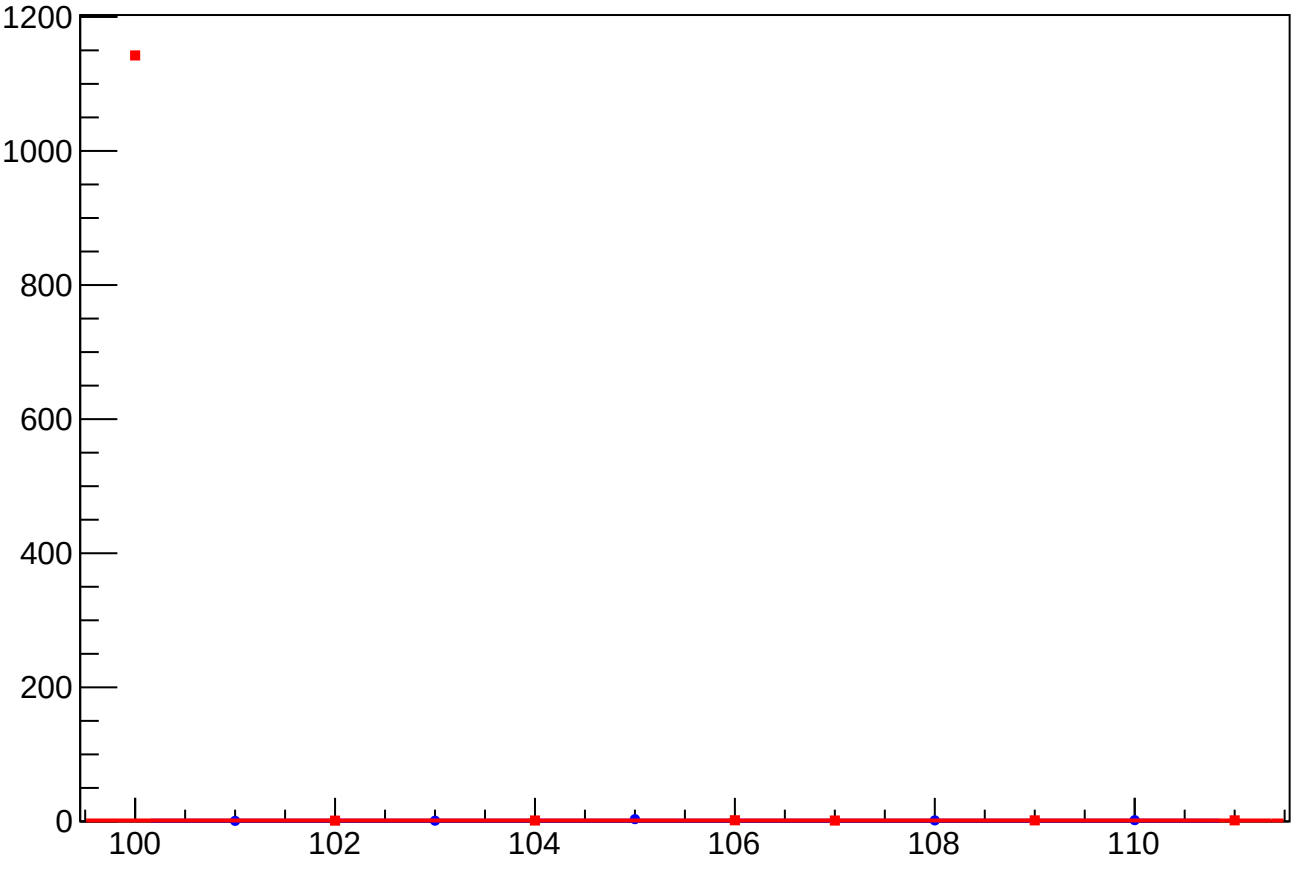
Right Out: 0.806+/-0.974 χ^2/NDF: 8.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.717+/-0.942 χ^2/NDF: 1.0/4

0.806+/-0.974 χ^2/NDF: 8.7/6

asym_dsl_correction_rms vs slug



Right In: 1.116+/-0.001 χ^2/NDF: 244203.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

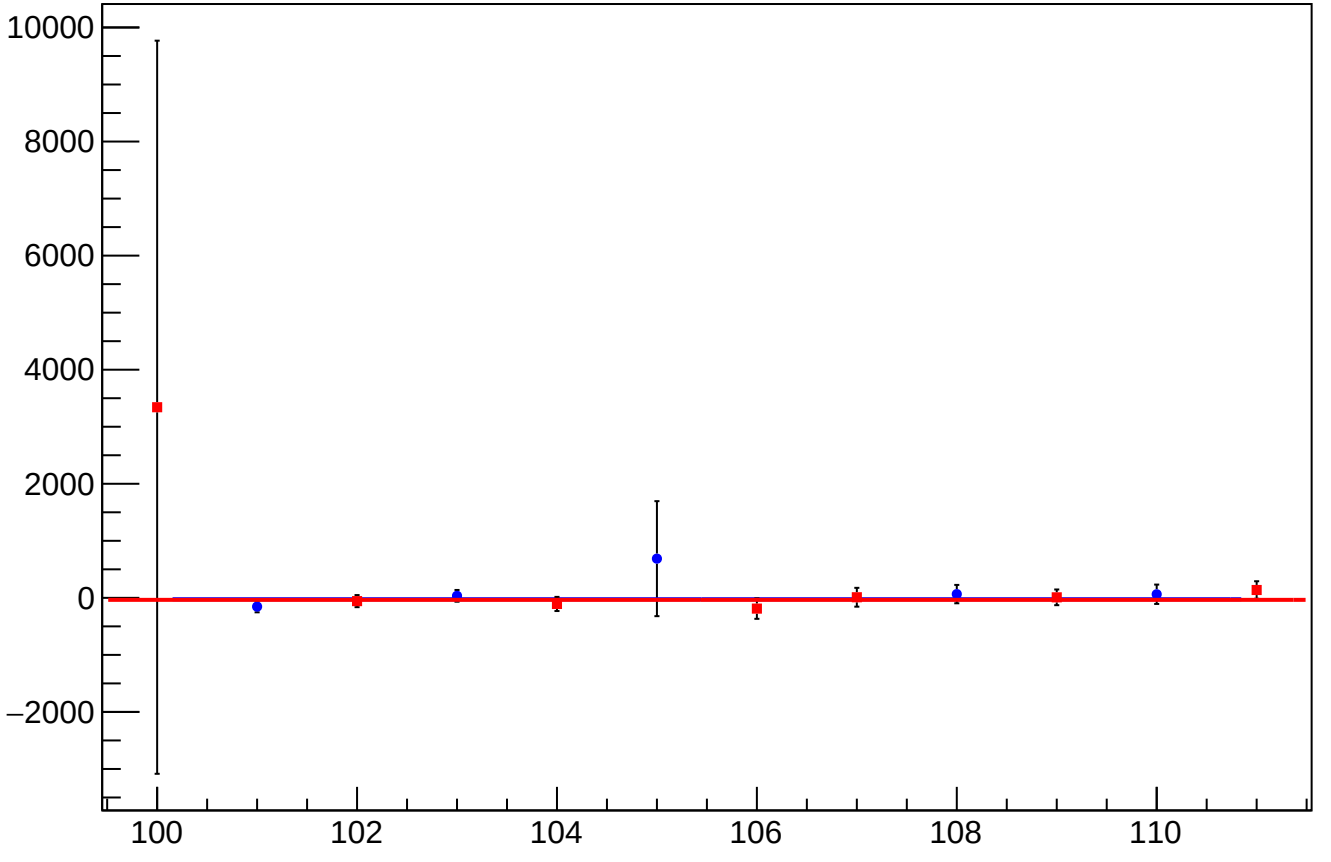
Right Out: 1.448+/-0.001 χ^2/NDF: 215039.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.116+/-0.001 χ^2/NDF: 244203.1/4

1.448+/-0.001 χ^2/NDF: 215039.1/6

asym_dsl_mean vs slug



Right In: -24.217+/-61.051 χ^2/NDF: 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

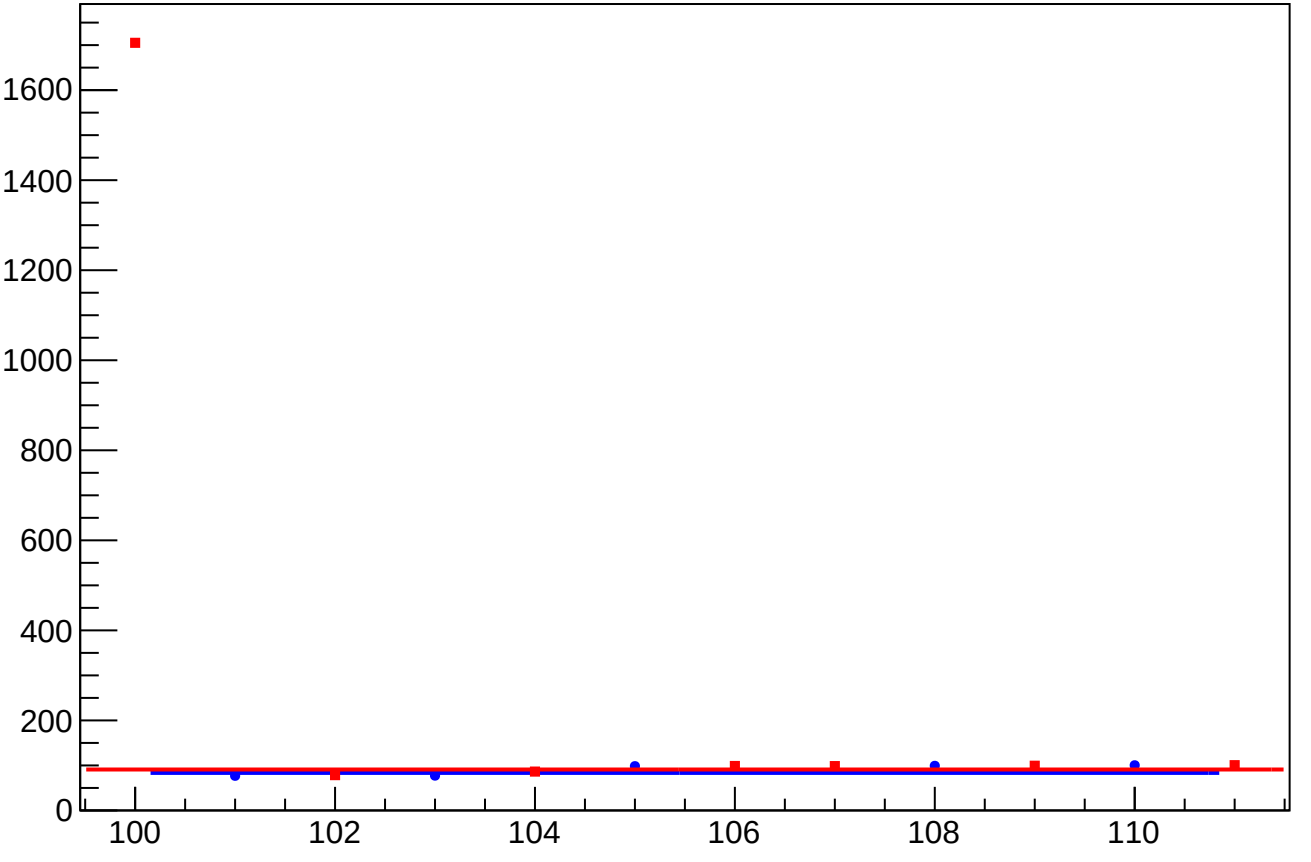
Right Out: -35.095+/-56.151 χ^2/NDF: 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-24.217+/-61.051 χ^2/NDF: 3.1/4

-35.095+/-56.151 χ^2/NDF: 2.8/6

asym_dsl_rms vs slug



Right In: 83.400+/-0.043 χ^2/NDF: 54574.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

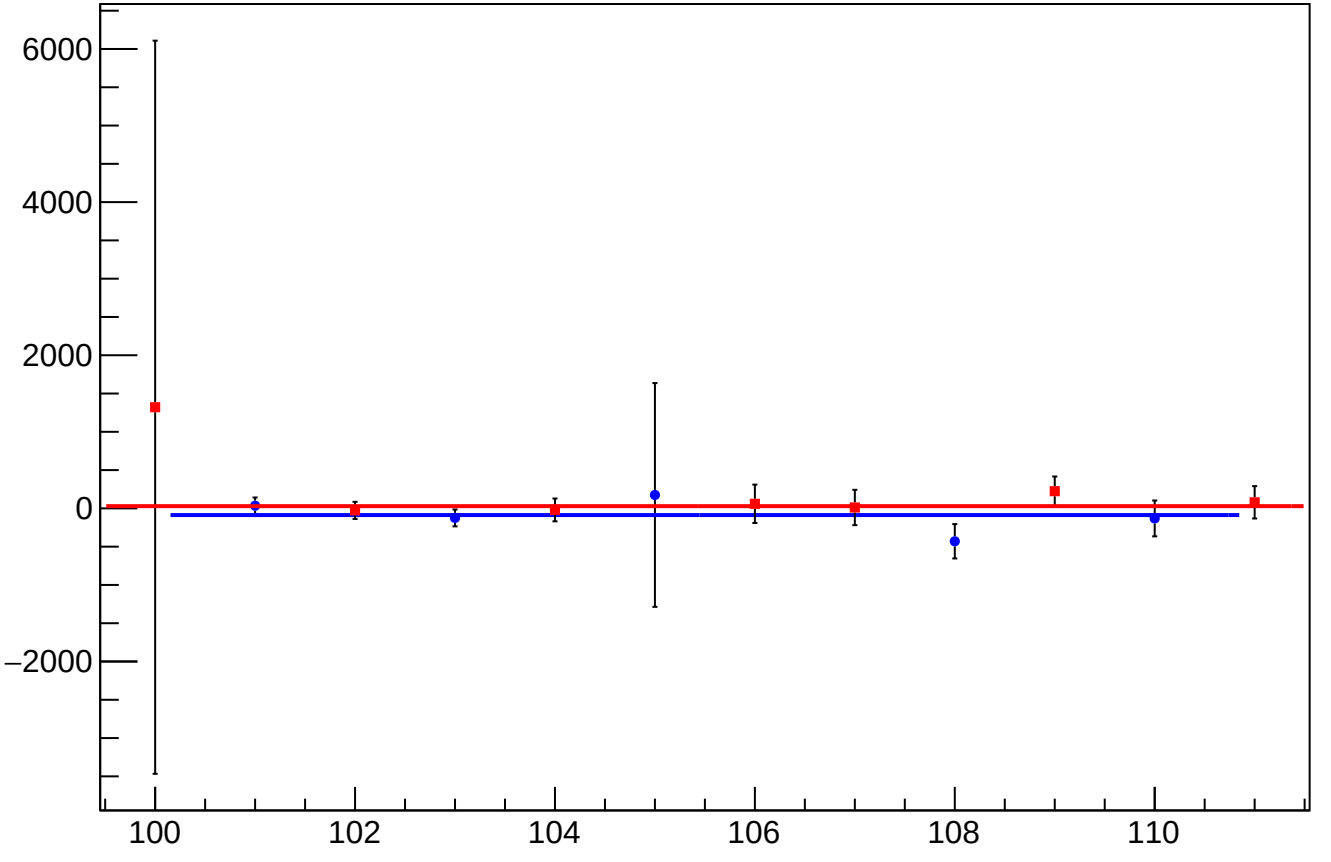
Right Out: 90.965+/-0.040 χ^2/NDF: 180226.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

83.400+/-0.043 χ^2/NDF: 54574.3/4

90.965+/-0.040 χ^2/NDF: 180226.9/6

reg_asym_dsr_mean vs slug



Right In: -87.252+/-69.368 χ^2/NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

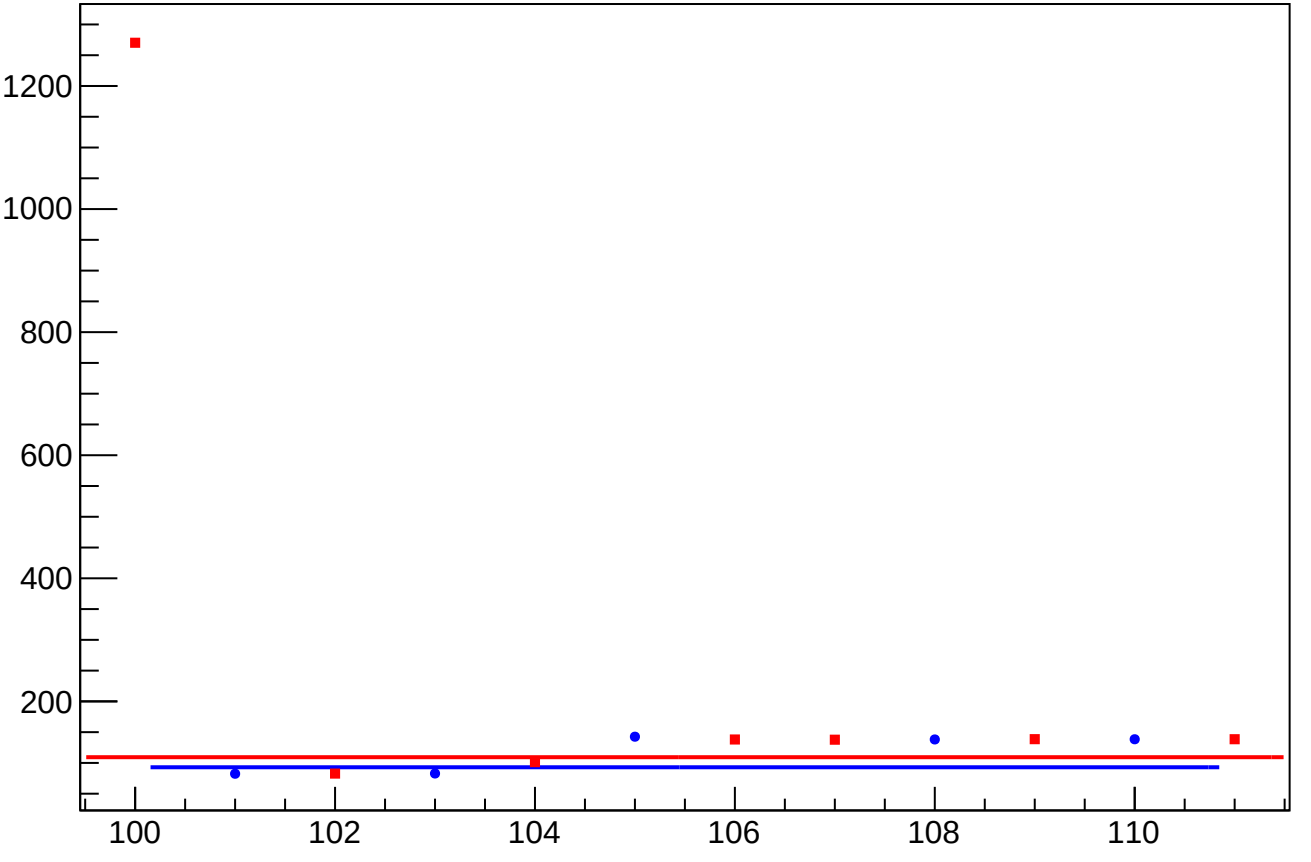
Right Out: 29.040+/-69.106 χ^2/NDF: 1.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-87.252+/-69.368 χ^2/NDF: 3.8/4

29.040+/-69.106 χ^2/NDF: 1.5/6

reg_asym_dsr_rms vs slug



Right In: 92.956+/-0.049 χ^2/NDF: 195211.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

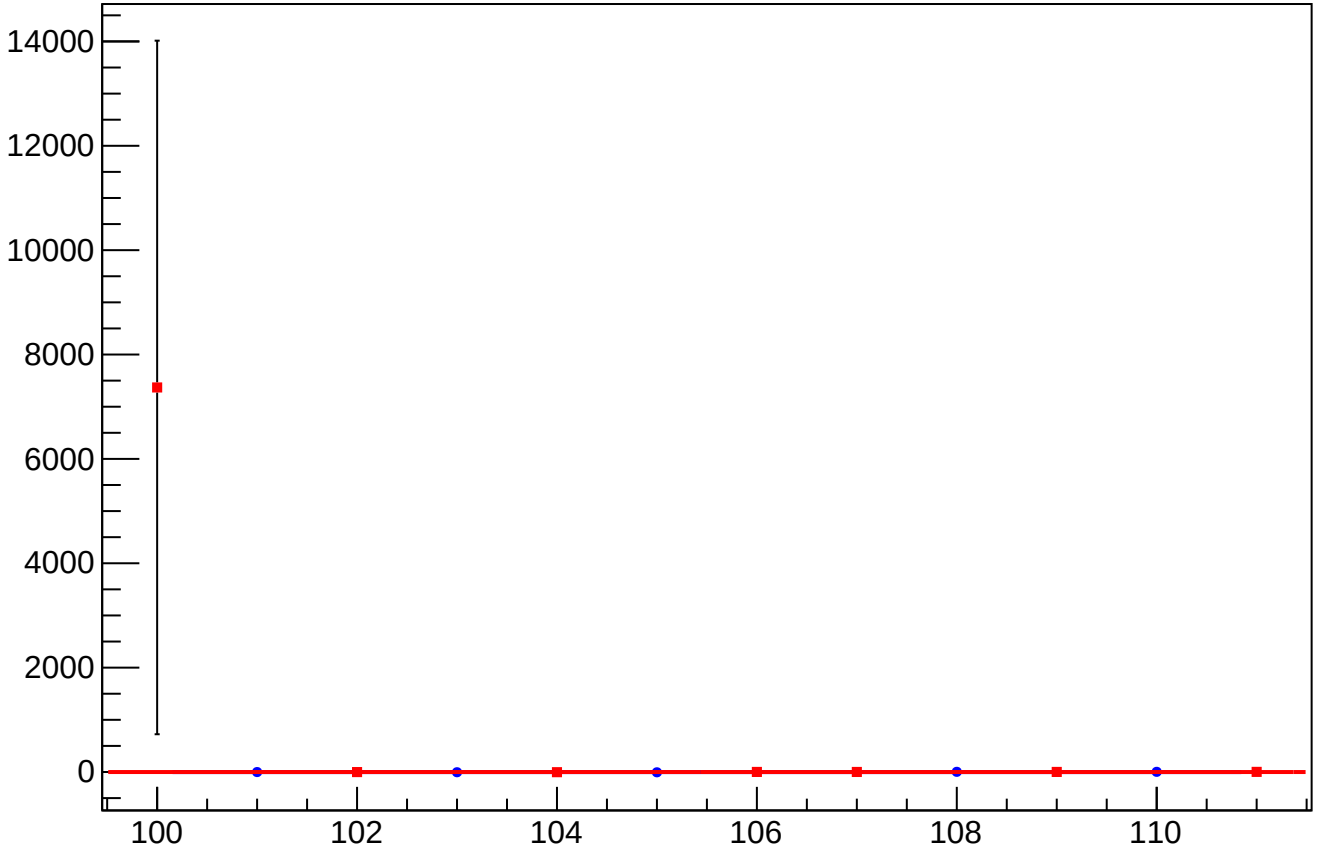
Right Out: 109.310+/-0.049 χ^2/NDF: 378445.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

92.956+/-0.049 χ^2/NDF: 195211.6/4

109.310+/-0.049 χ^2/NDF: 378445.4/6

asym_dsr_correction_mean vs slug



Right In: -1.406+/-1.246 χ^2/NDF: 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

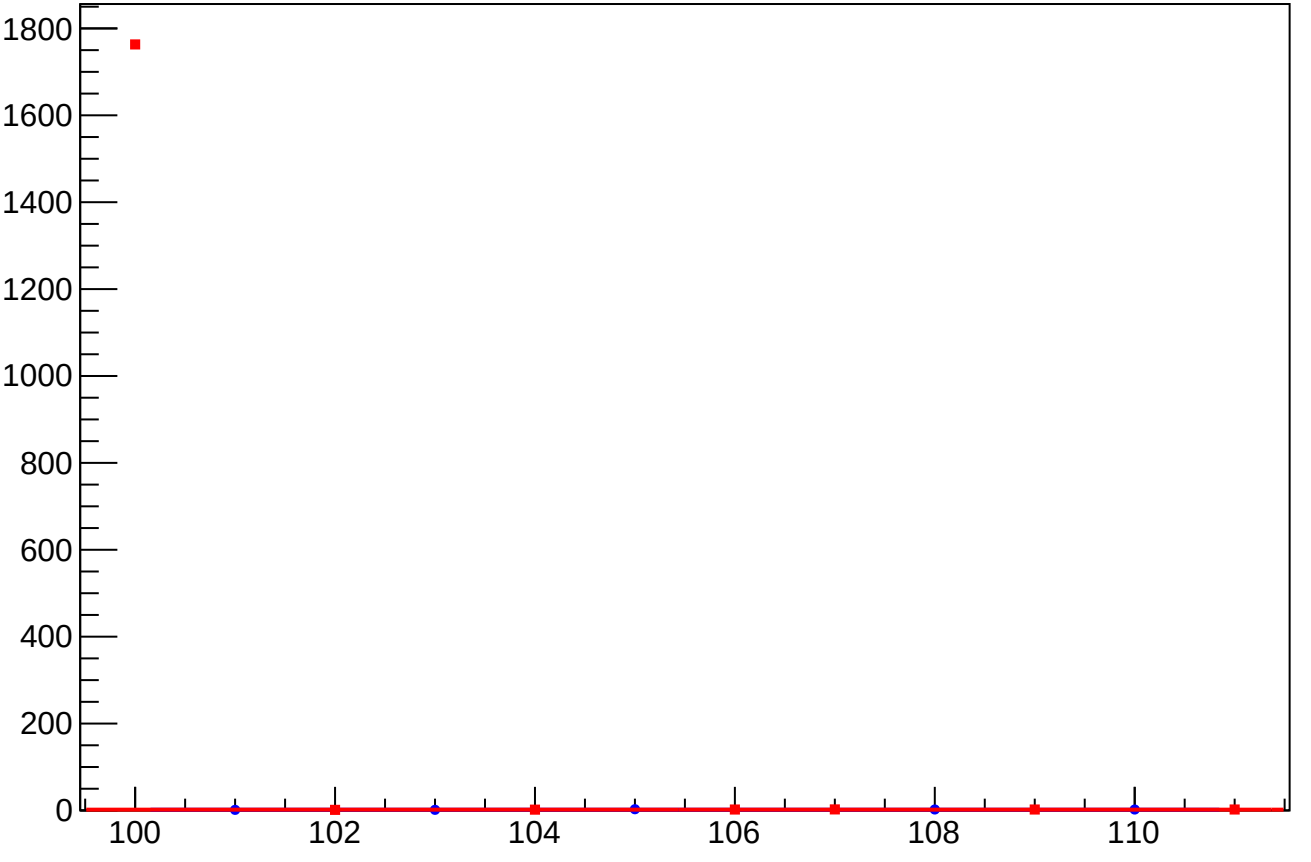
Right Out: -0.626+/-1.250 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.406+/-1.246 χ^2/NDF: 5.2/4

-0.626+/-1.250 χ^2/NDF: 3.7/6

asym_dsr_correction_rms vs slug



Right In: 1.558+/-0.001 χ^2/NDF: 132277.6/4

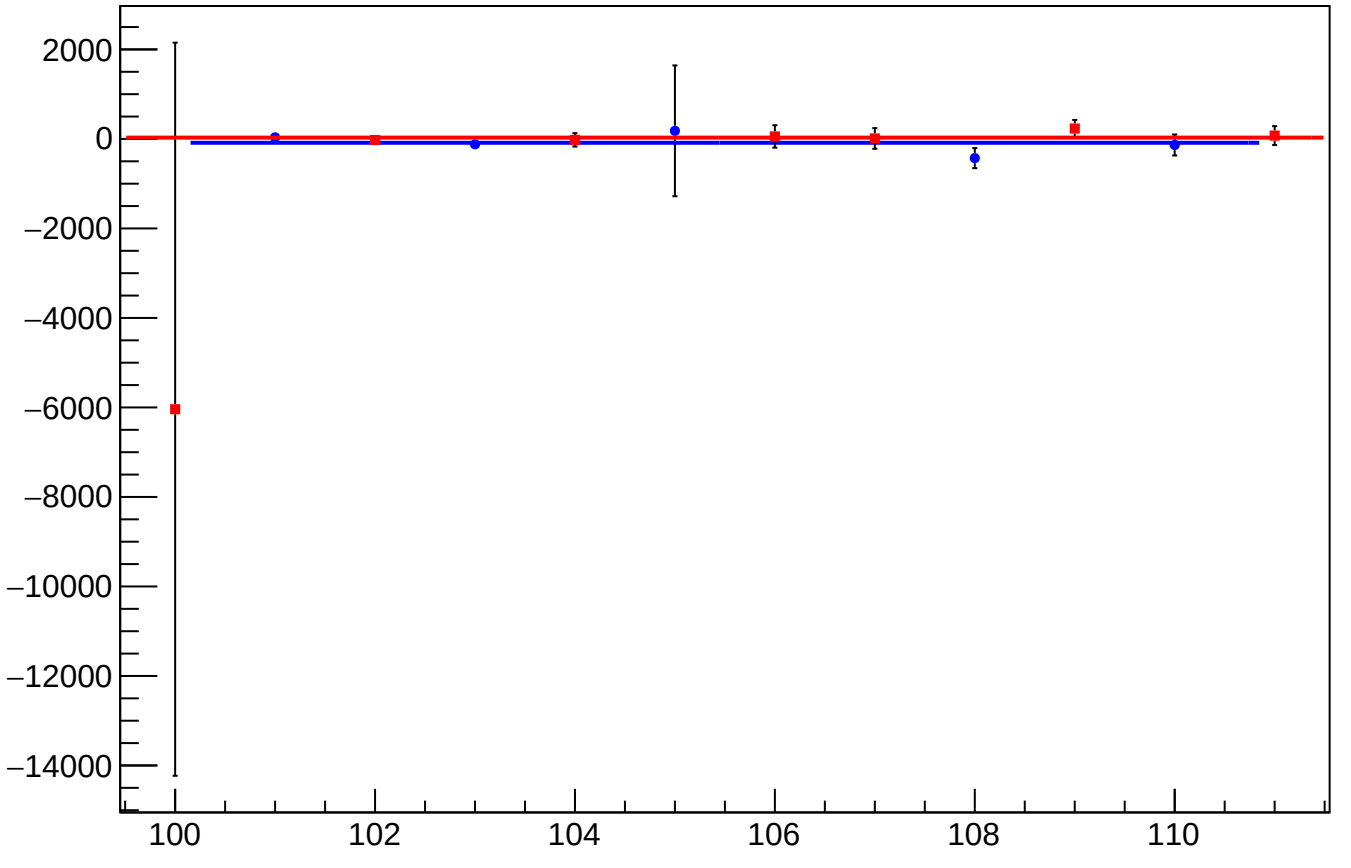
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.823+/-0.001 χ^2/NDF: 341030.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.558+/-0.001 χ^2/NDF: 132277.6/4

1.823+/-0.001 χ^2/NDF: 341030.6/6



Right In: -85.814+/-69.386 χ^2/NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

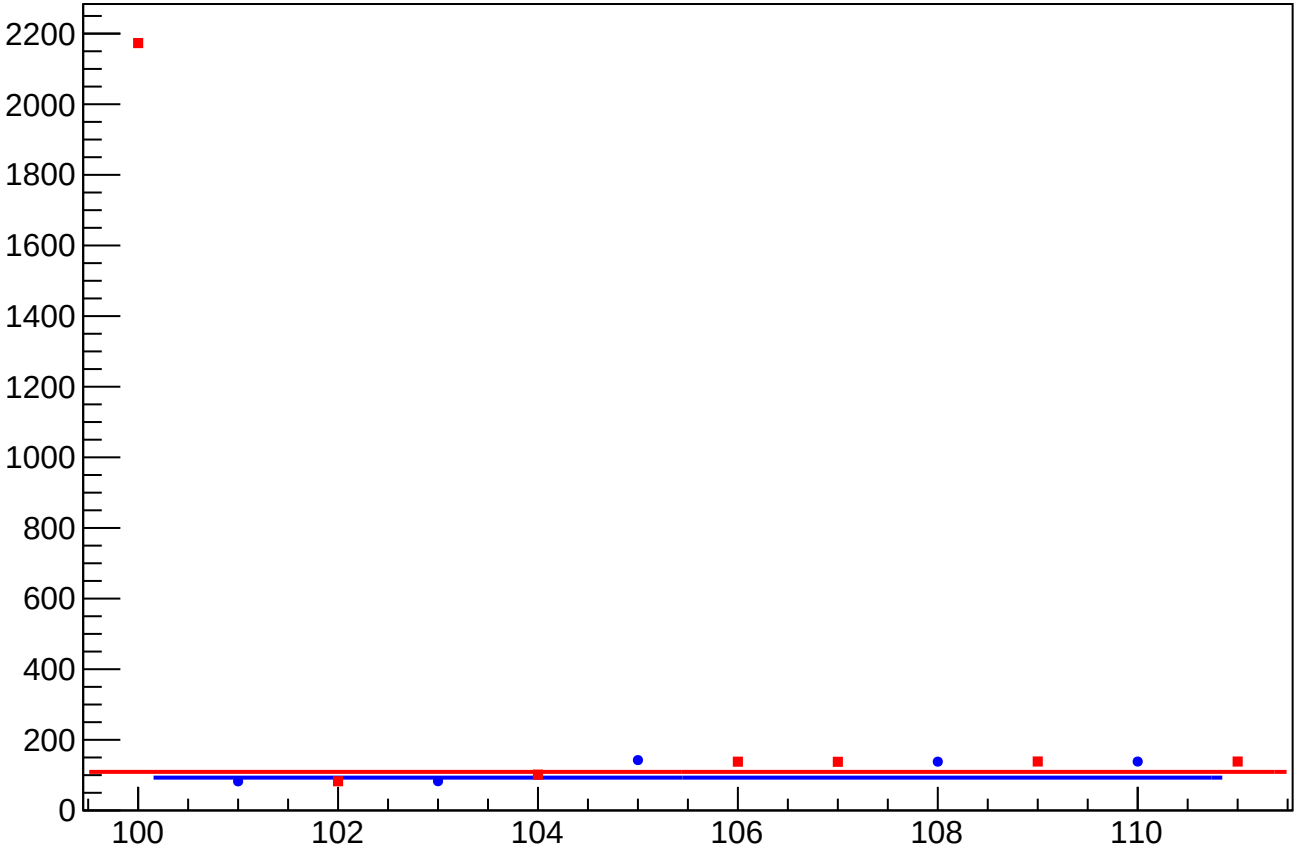
Right Out: 29.126+/-69.130 χ^2/NDF: 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-85.814+/-69.386 χ^2/NDF: 3.8/4

29.126+/-69.130 χ^2/NDF: 2.1/6

asym_dsr_rms vs slug



Right In: 92.980+/-0.049 χ^2/NDF: 195217.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

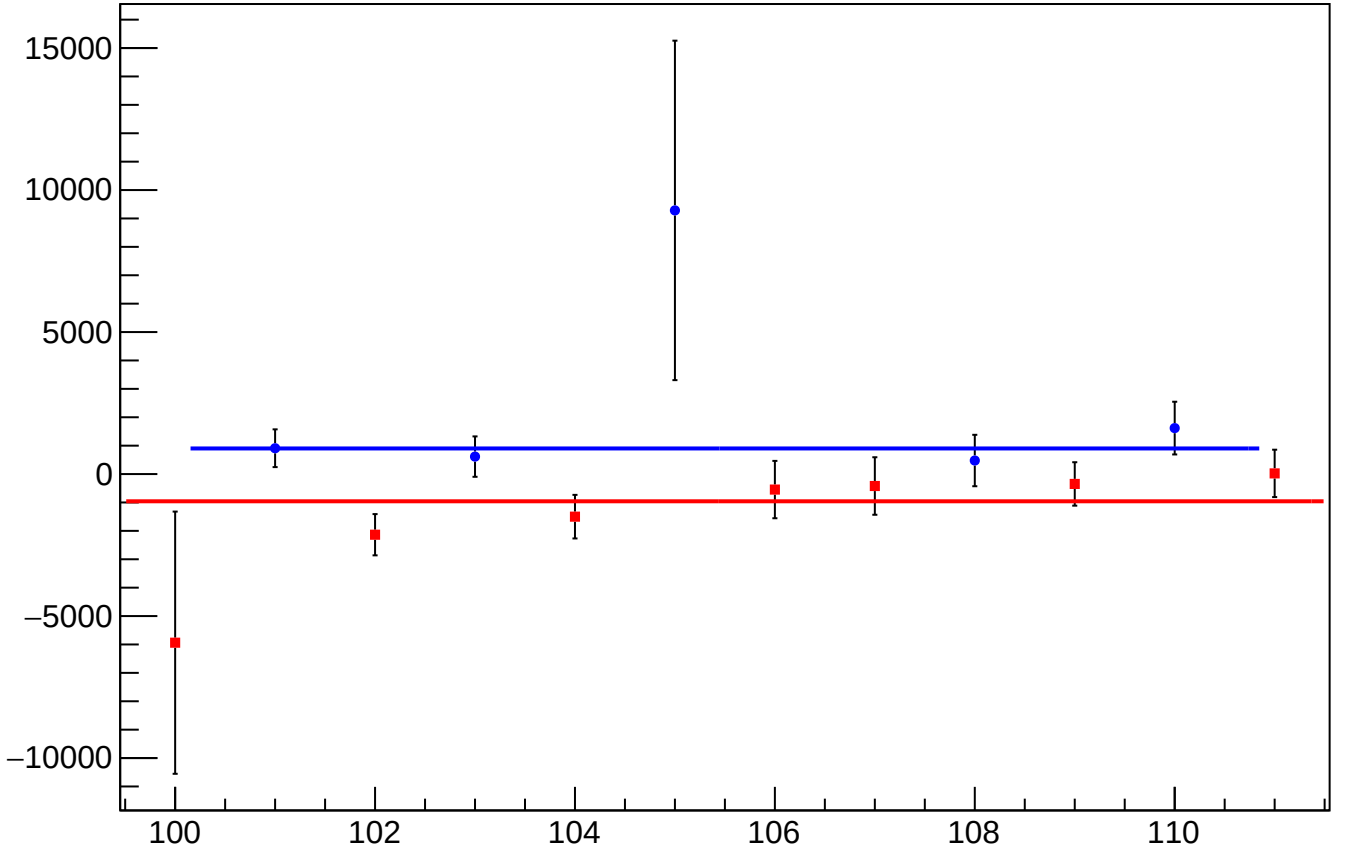
Right Out: 109.245+/-0.049 χ^2/NDF: 387836.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

92.980+/-0.049 χ^2/NDF: 195217.6/4

109.245+/-0.049 χ^2/NDF: 387836.0/6

reg_asym_left_avg_mean vs slug



Right In: 901.570+/-387.793 χ^2/NDF: 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

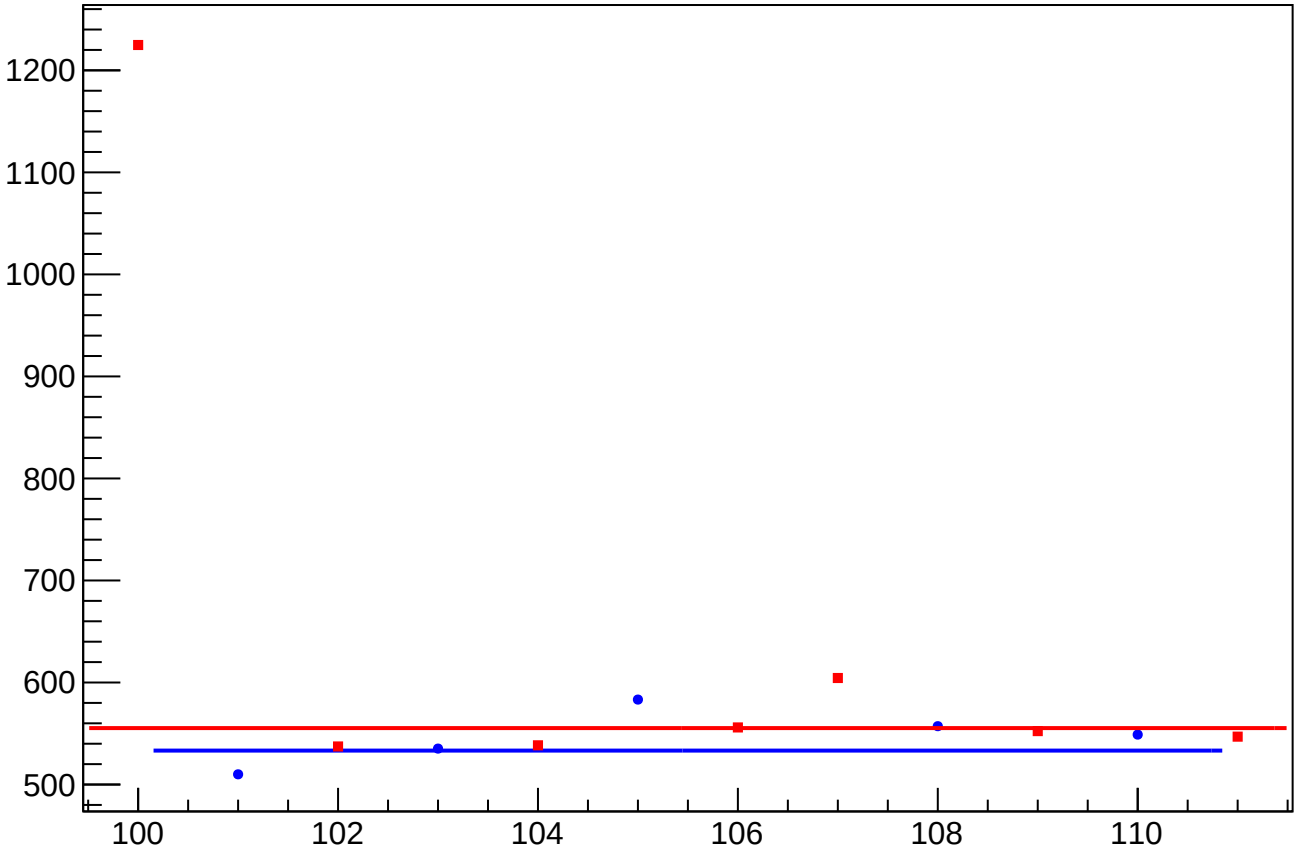
Right Out: -958.639+/-338.164 χ^2/NDF: 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

901.570+/-387.793 χ^2/NDF: 2.9/4

-958.639+/-338.164 χ^2/NDF: 6.8/6

reg_asym_left_avg_rms vs slug



Right In: 533.270+/-0.274 χ^2/NDF: 4570.8/4

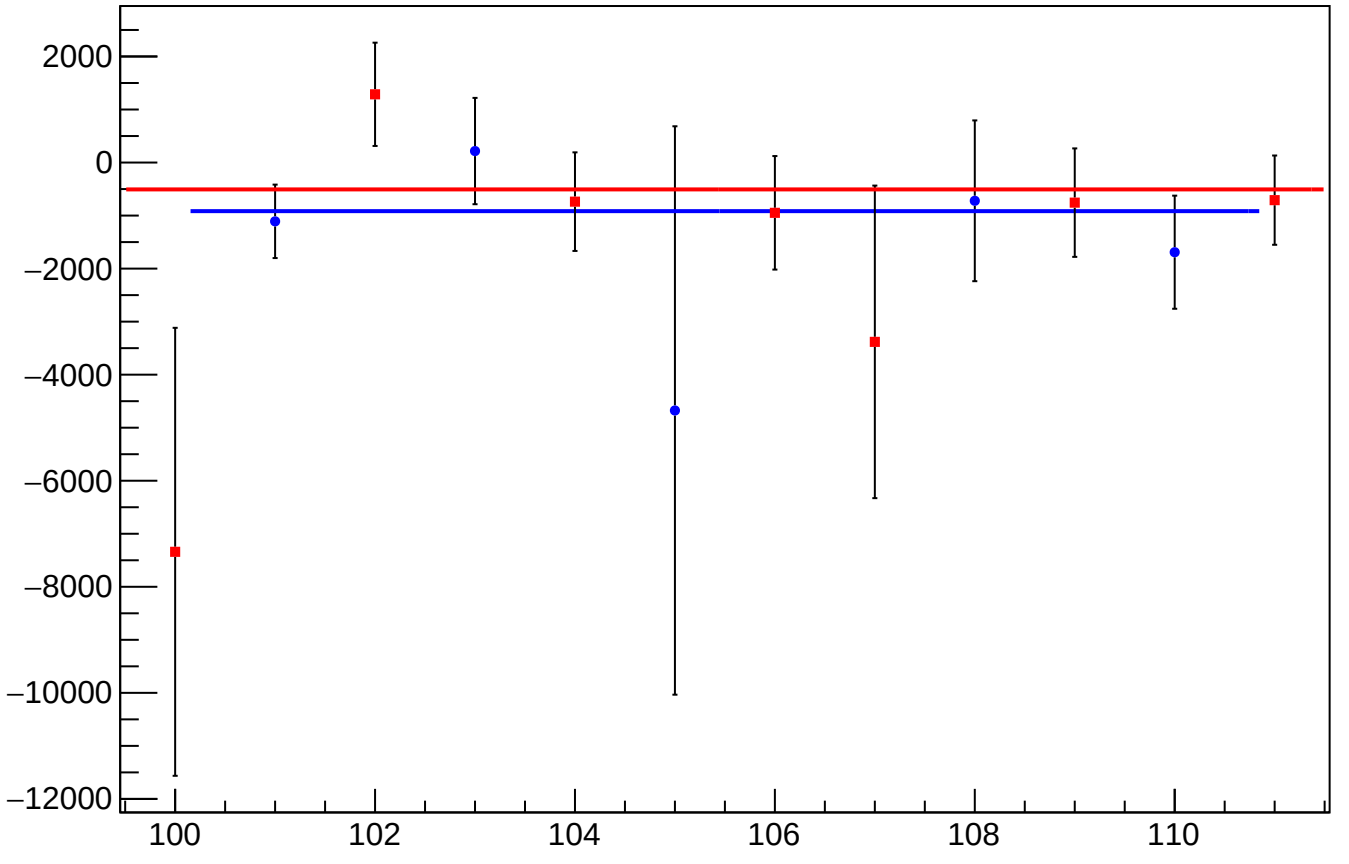
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 555.322+/-0.239 χ^2/NDF: 49199.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

533.270+/-0.274 χ^2/NDF: 4570.8/4

555.322+/-0.239 χ^2/NDF: 49199.8/6



Right In: -916.413+/-475.134 χ^2/NDF: 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

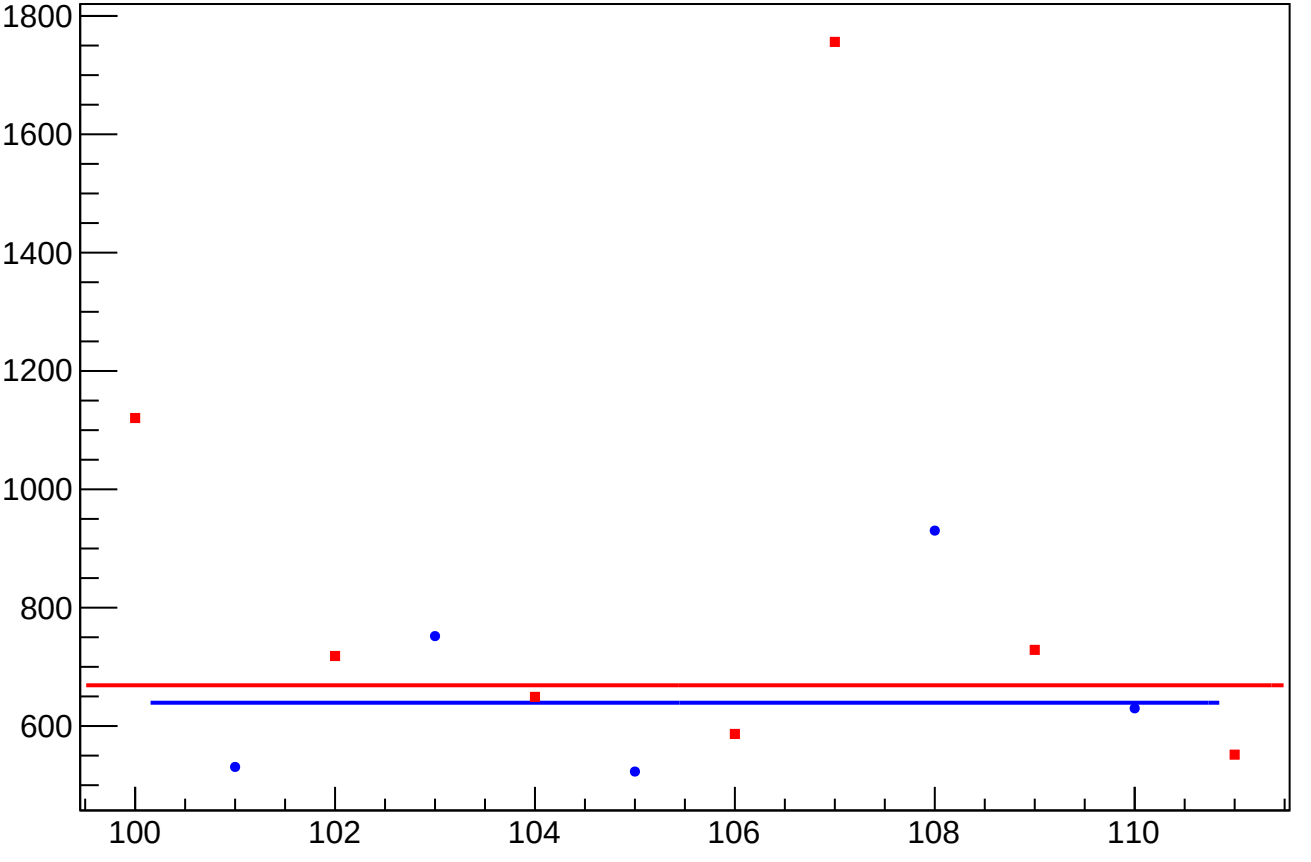
Right Out: -506.599+/-421.706 χ^2/NDF: 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-916.413+/-475.134 χ^2/NDF: 2.4/4

-506.599+/-421.706 χ^2/NDF: 7.3/6

asym_left_avg_correction_rms vs slug



Right In: 639.362+/-0.336 χ^2/NDF: 149074.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

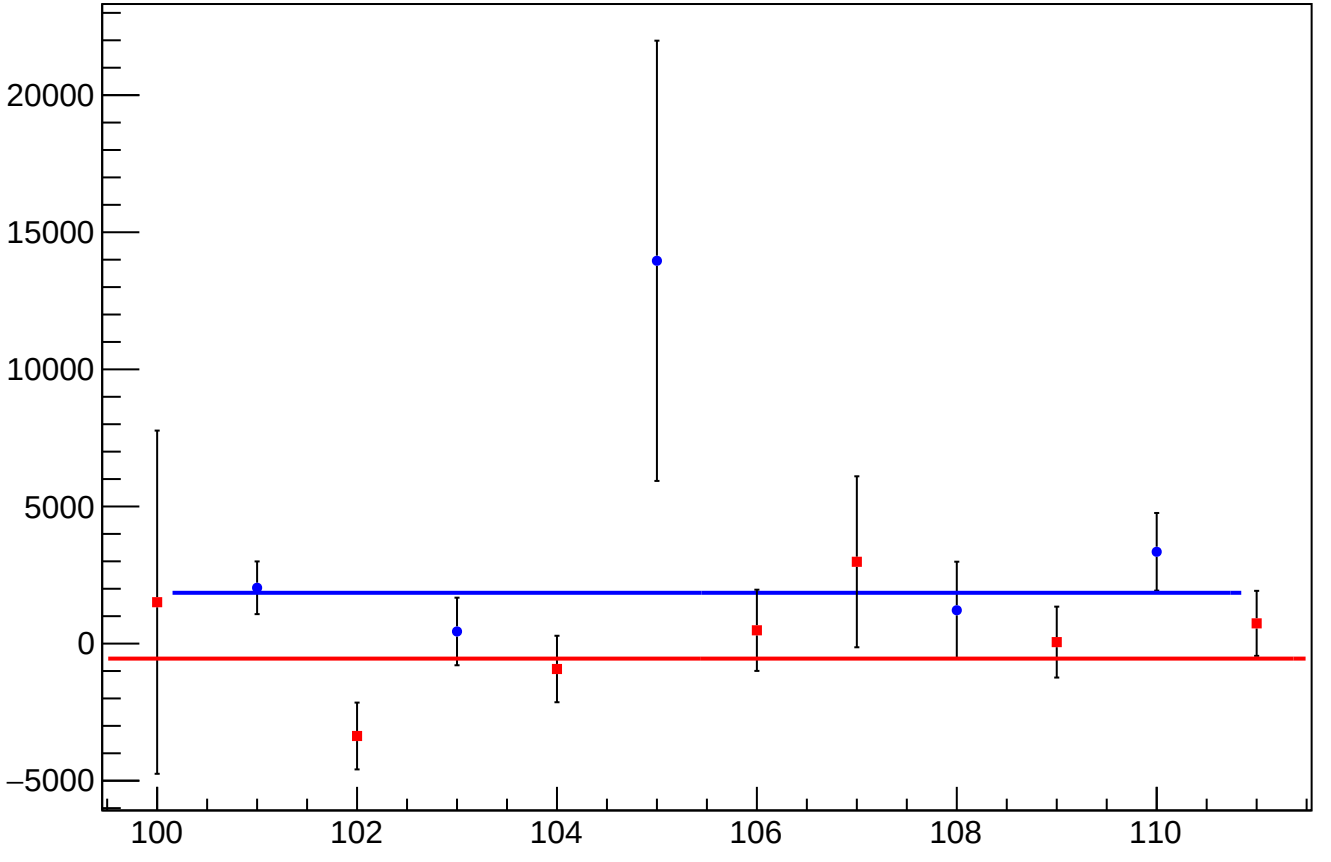
Right Out: 668.832+/-0.298 χ^2/NDF: 358664.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

639.362+/-0.336 χ^2/NDF: 149074.1/4

668.832+/-0.298 χ^2/NDF: 358664.1/6

asym_left_avg_mean vs slug



Right In: 1852.500+/-623.185 χ^2/NDF: 4.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

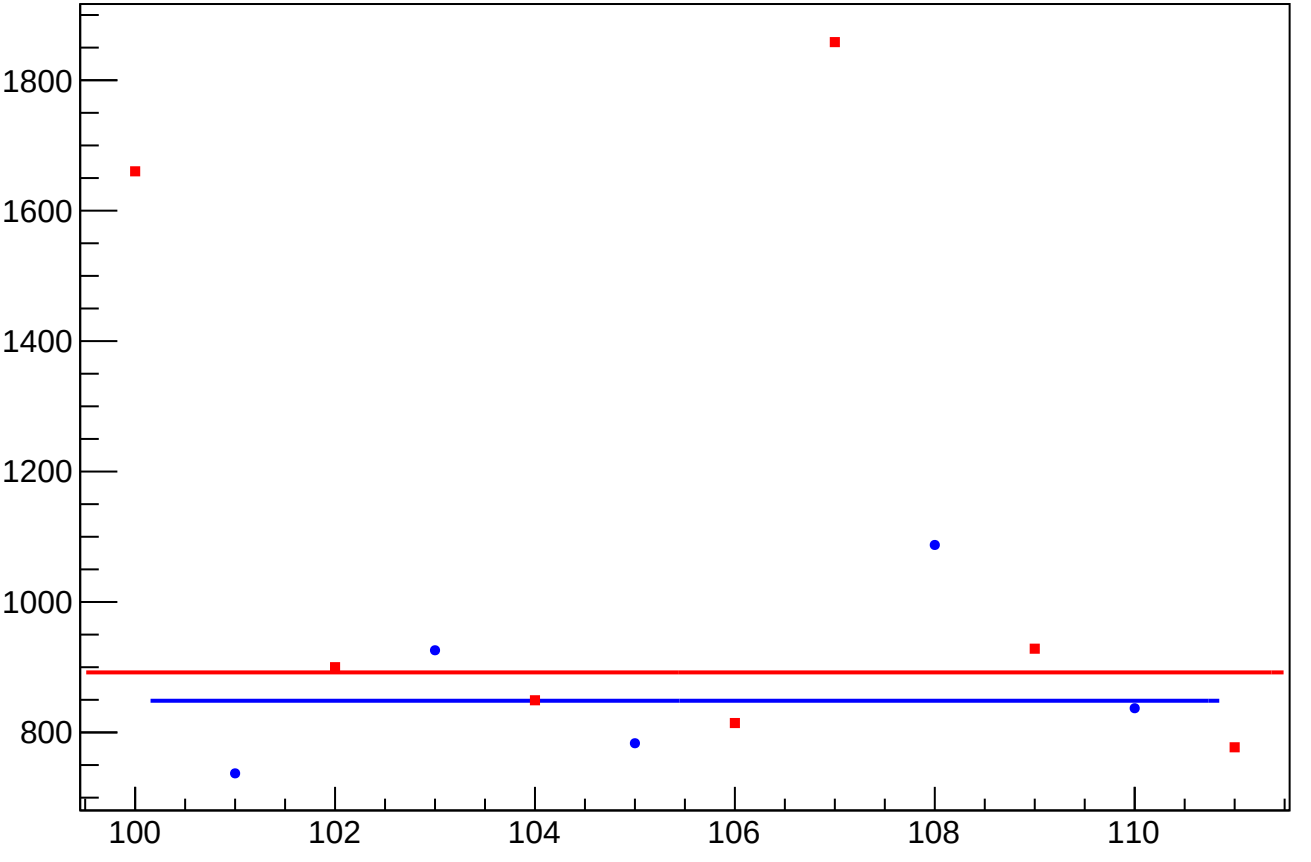
Right Out: -547.137+/-554.812 χ^2/NDF: 8.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1852.500+/-623.185 χ^2/NDF: 4.9/4

-547.137+/-554.812 χ^2/NDF: 8.7/6

asym_left_avg_rms vs slug



Right In: 848.571+/-0.441 χ^2/NDF: 71430.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

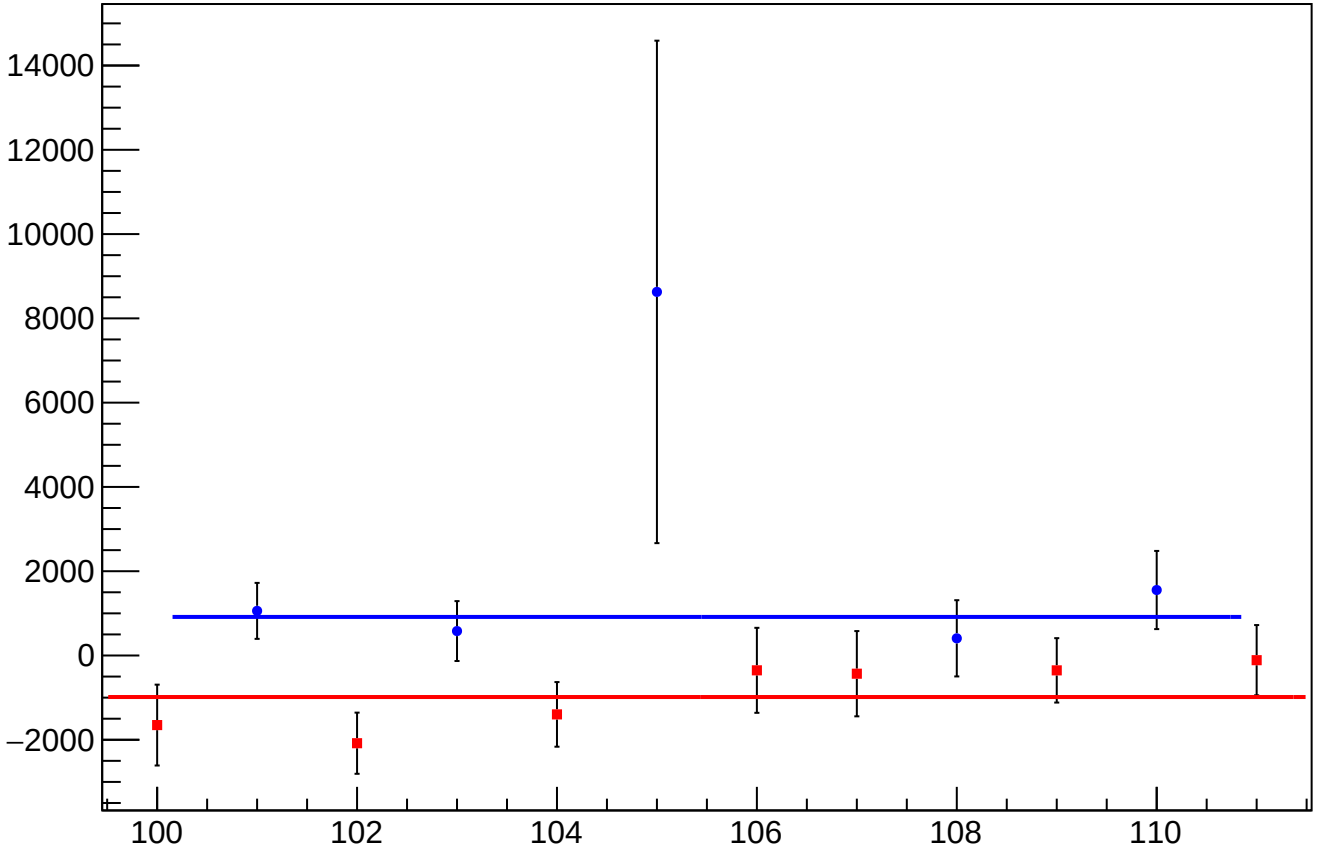
Right Out: 892.040+/-0.392 χ^2/NDF: 250731.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

848.571+/-0.441 χ^2/NDF: 71430.8/4

892.040+/-0.392 χ^2/NDF: 250731.4/6

reg_asym_left_dd_mean vs slug



Right In: 915.323+/-387.488 χ^2/NDF: 2.7/4

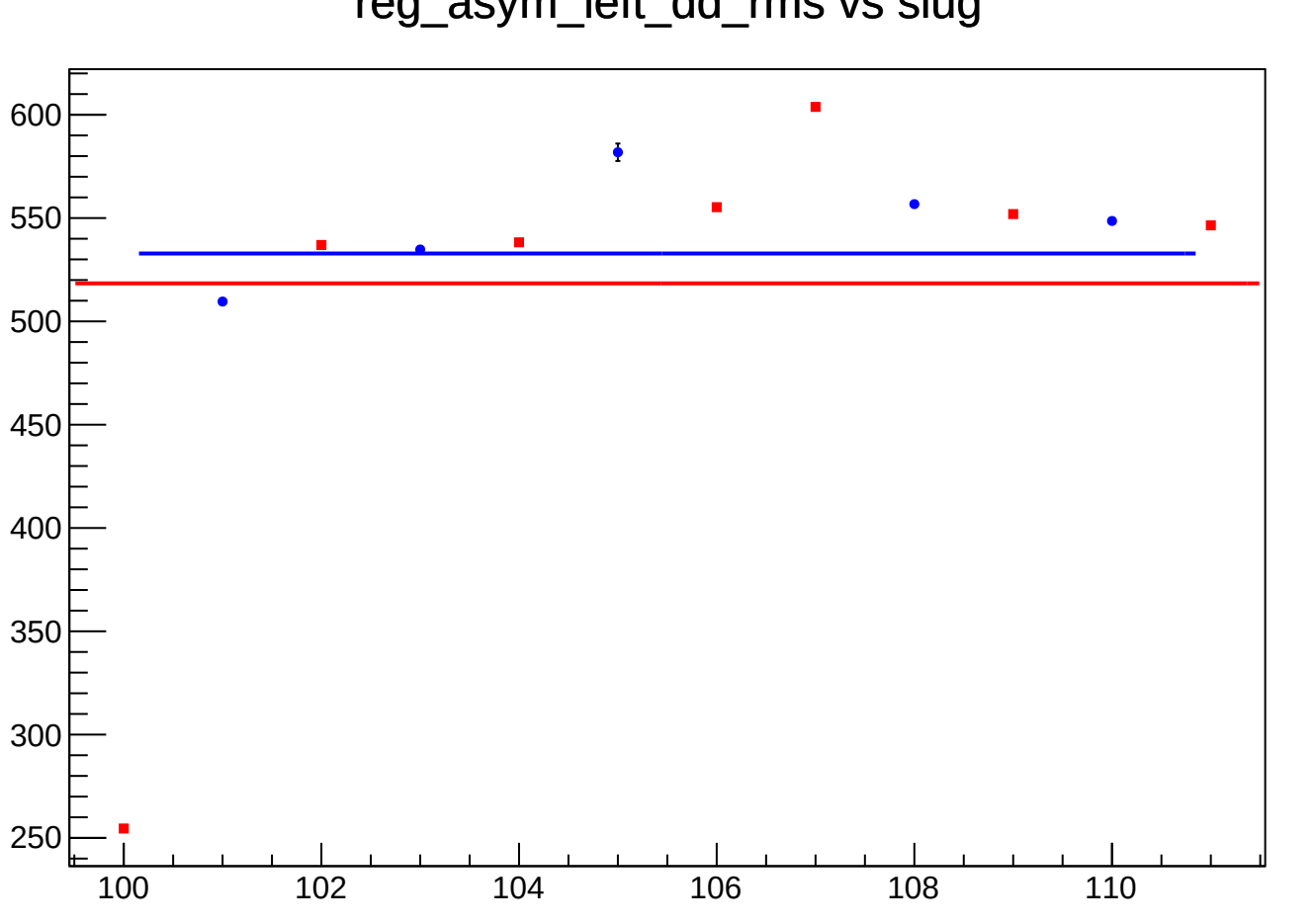
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -985.338+/-319.480 χ^2/NDF: 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

915.323+/-387.488 χ^2/NDF: 2.7/4

-985.338+/-319.480 χ^2/NDF: 5.5/6



Right In: 532.849+/-0.274 χ^2/NDF: 4574.5/4

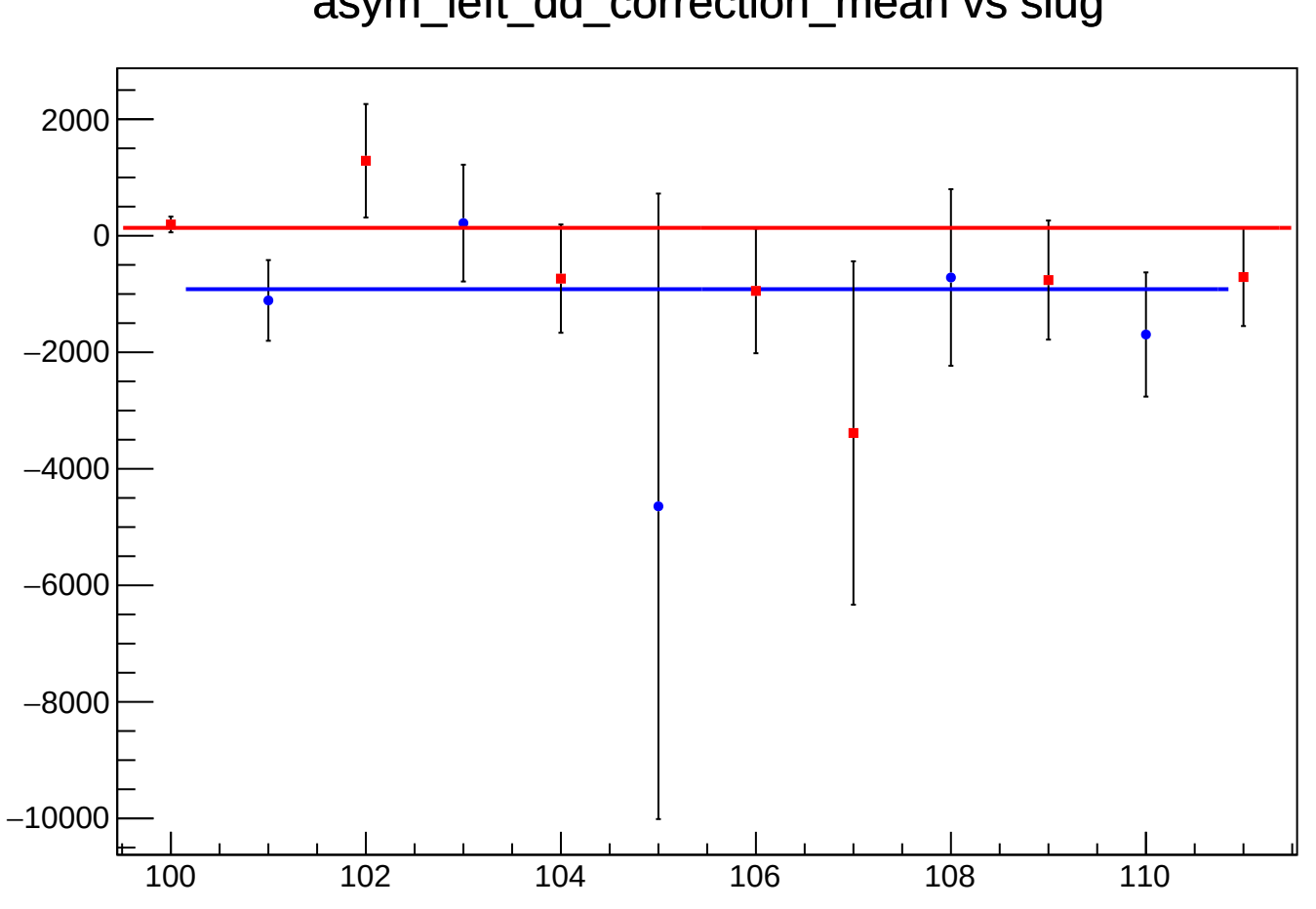
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 518.388+/-0.226 χ^2/NDF: 176965.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

532.849+/-0.274 χ^2/NDF: 4574.5/4

518.388+/-0.226 χ^2/NDF: 176965.7/6



Right In: -917.132+/-474.981 χ^2/NDF: 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

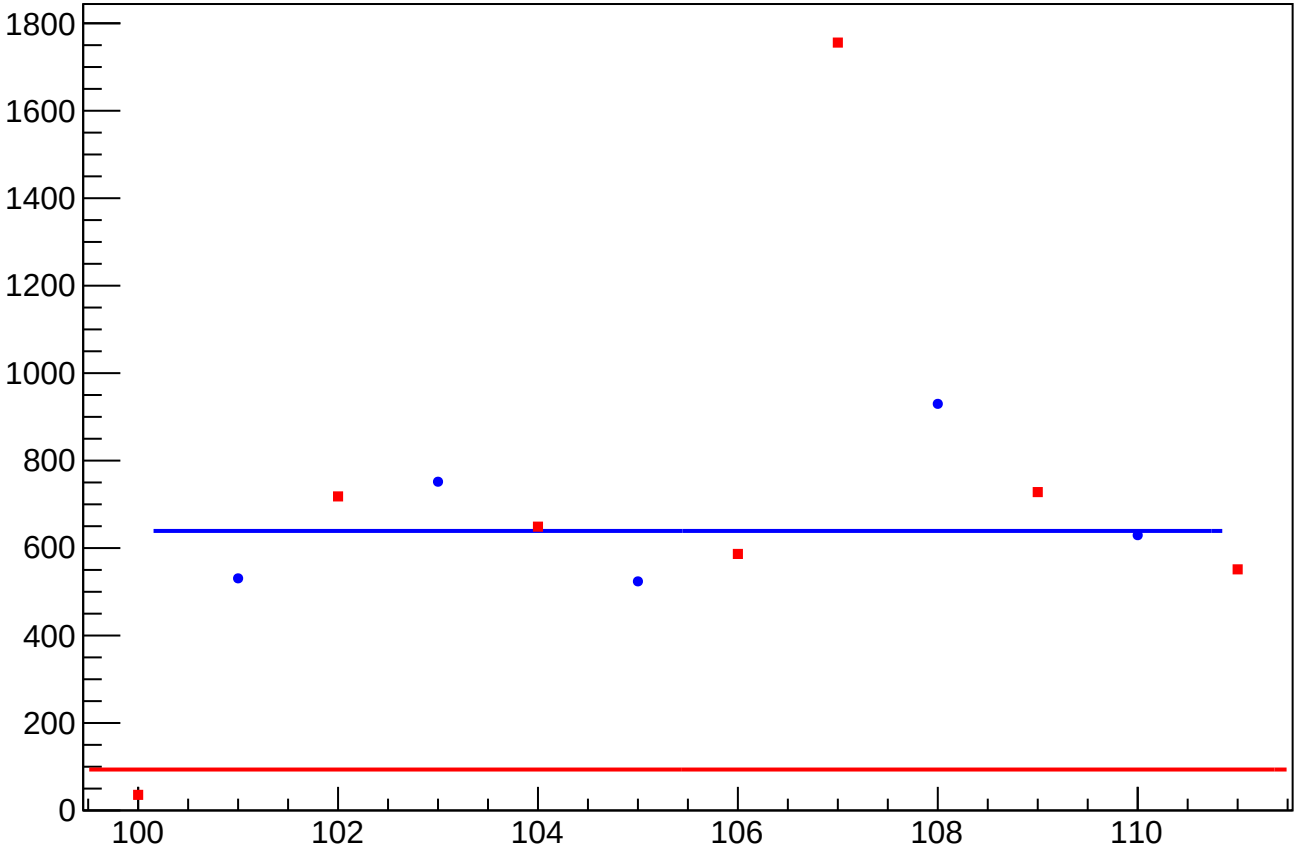
Right Out: 135.319+/-128.597 χ^2/NDF: 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-917.132+/-474.981 χ^2/NDF: 2.4/4

135.319+/-128.597 χ^2/NDF: 6.7/6

asym_left_dd_correction_rms vs slug



Right In: 639.171+/-0.336 χ^2/NDF: 148921.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

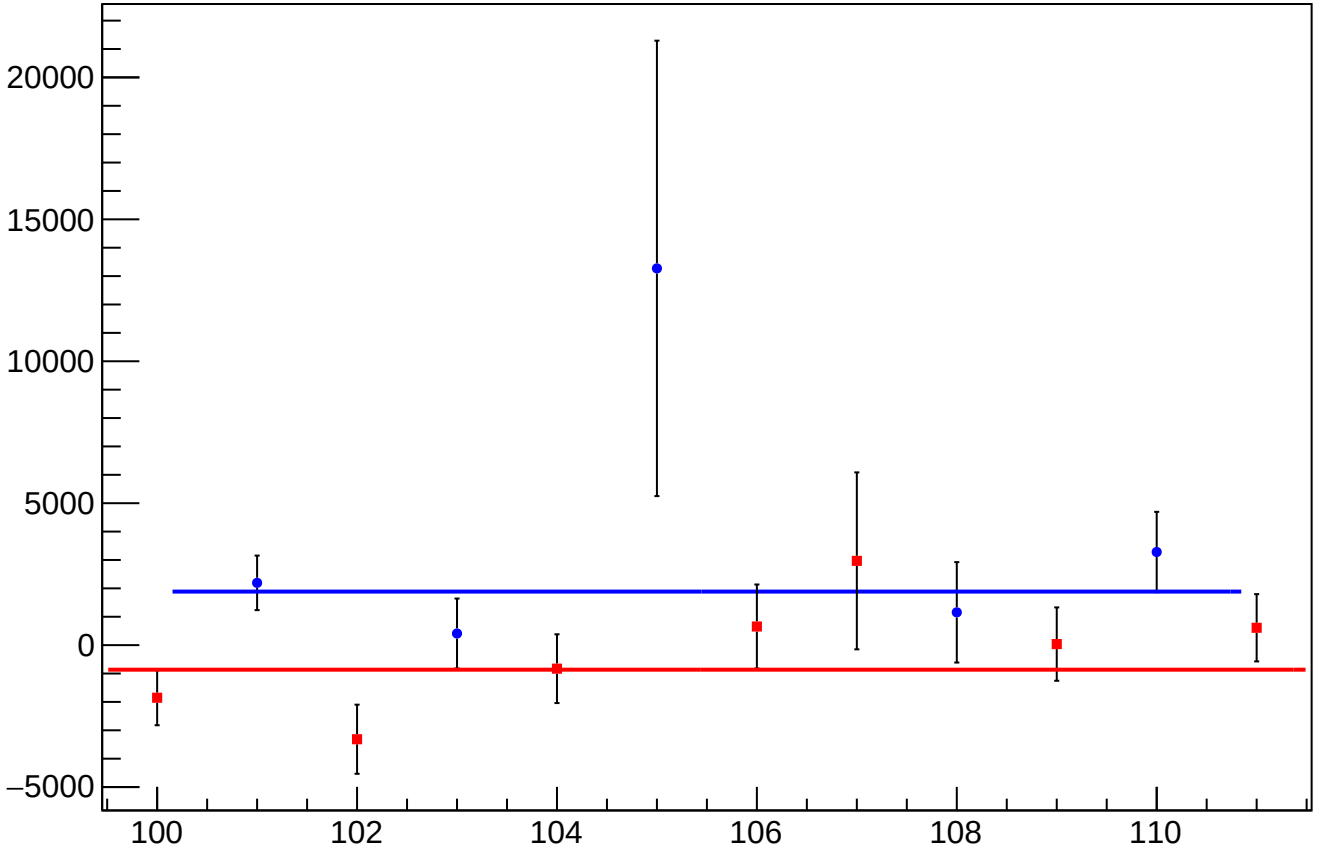
Right Out: 93.578+/-0.091 χ^2/NDF: 4329488.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

639.171+/-0.336 χ^2/NDF: 148921.3/4

93.578+/-0.091 χ^2/NDF: 4329488.1/6

asym_left_dd_mean vs slug



Right In: 1886.451+/-622.852 χ^2/NDF: 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

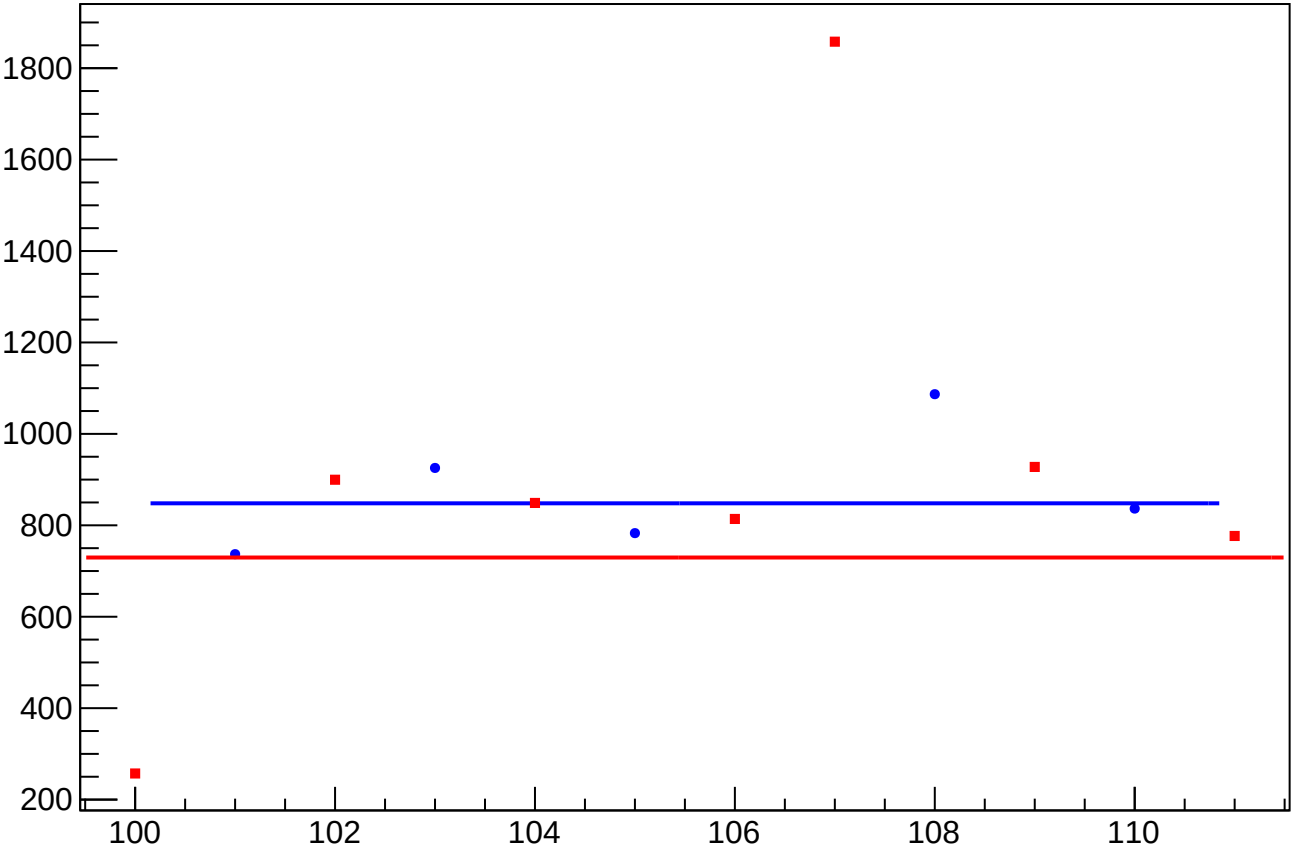
Right Out: -864.649+/-482.721 χ^2/NDF: 9.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1886.451+/-622.852 χ^2/NDF: 4.7/4

-864.649+/-482.721 χ^2/NDF: 9.7/6

asym_left_dd_rms vs slug



Right In: 848.120+/-0.440 χ^2/NDF: 71407.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

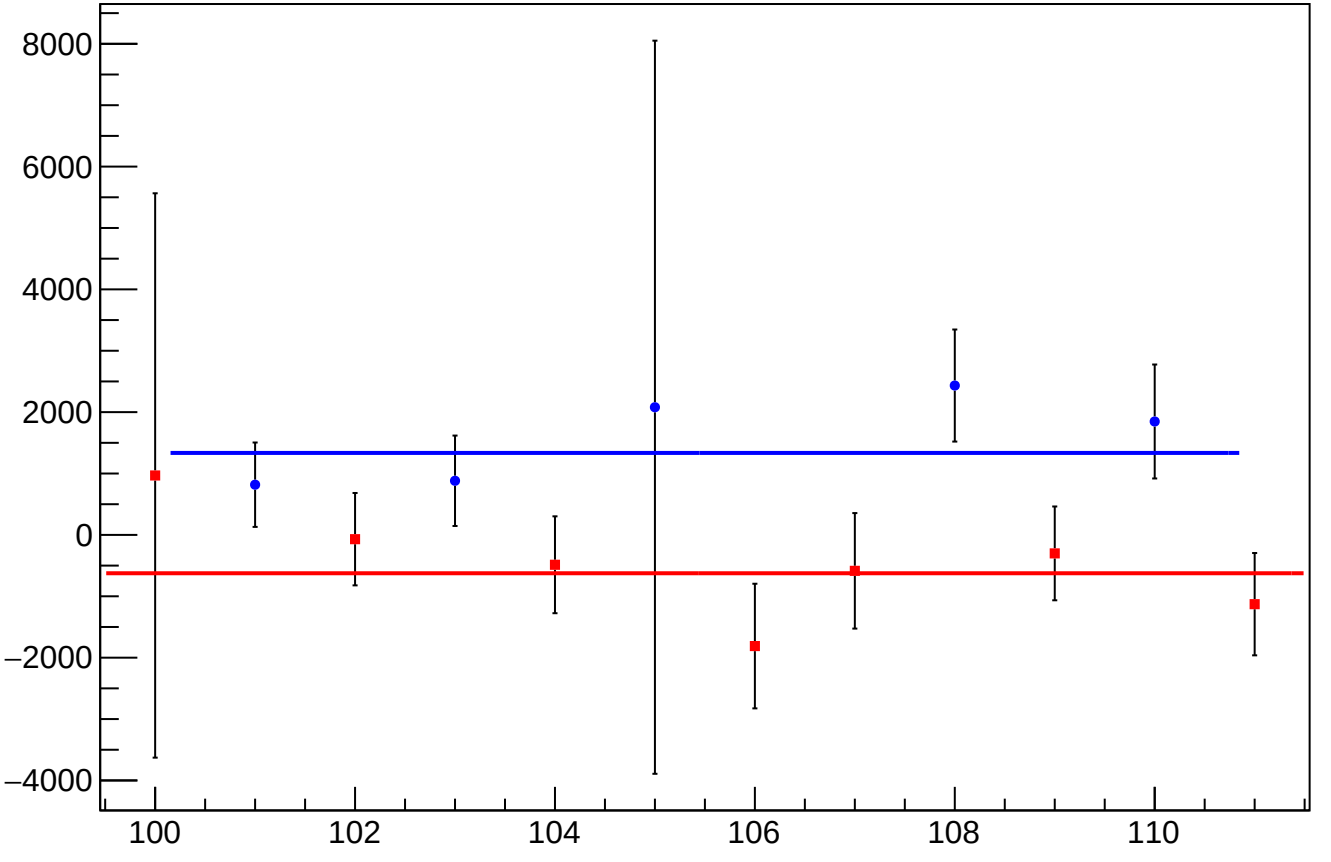
Right Out: 729.557+/-0.341 χ^2/NDF: 852619.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

848.120+/-0.440 χ^2/NDF: 71407.8/4

729.557+/-0.341 χ^2/NDF: 852619.1/6

reg_asym_right_avg_mean vs slug



Right In: 1335.501+/-396.876 χ^2/NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

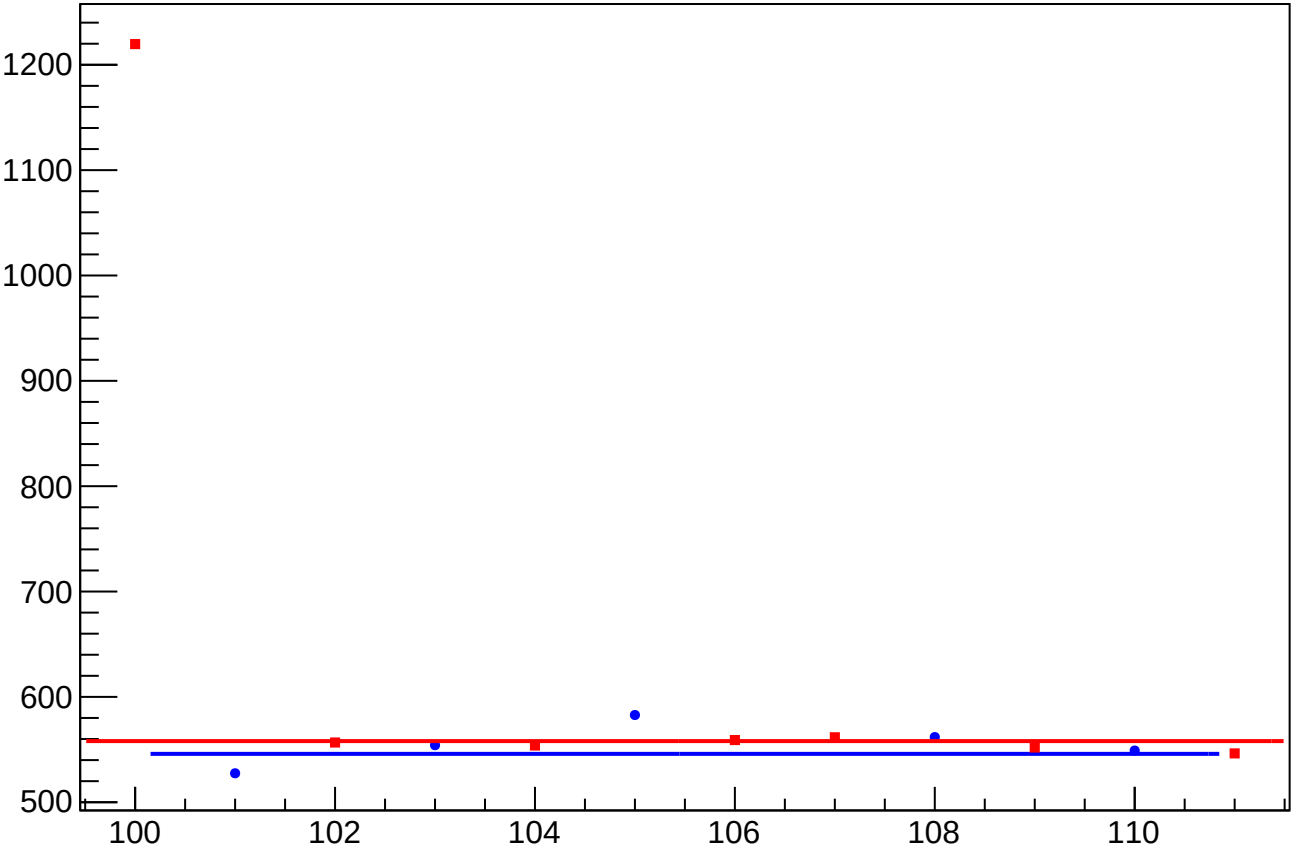
Right Out: -624.675+/-339.585 χ^2/NDF: 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1335.501+/-396.876 χ^2/NDF: 2.7/4

-624.675+/-339.585 χ^2/NDF: 2.6/6

reg_asym_right_avg_rms vs slug



Right In: 545.919+/-0.281 χ^2/NDF: 2398.1/4

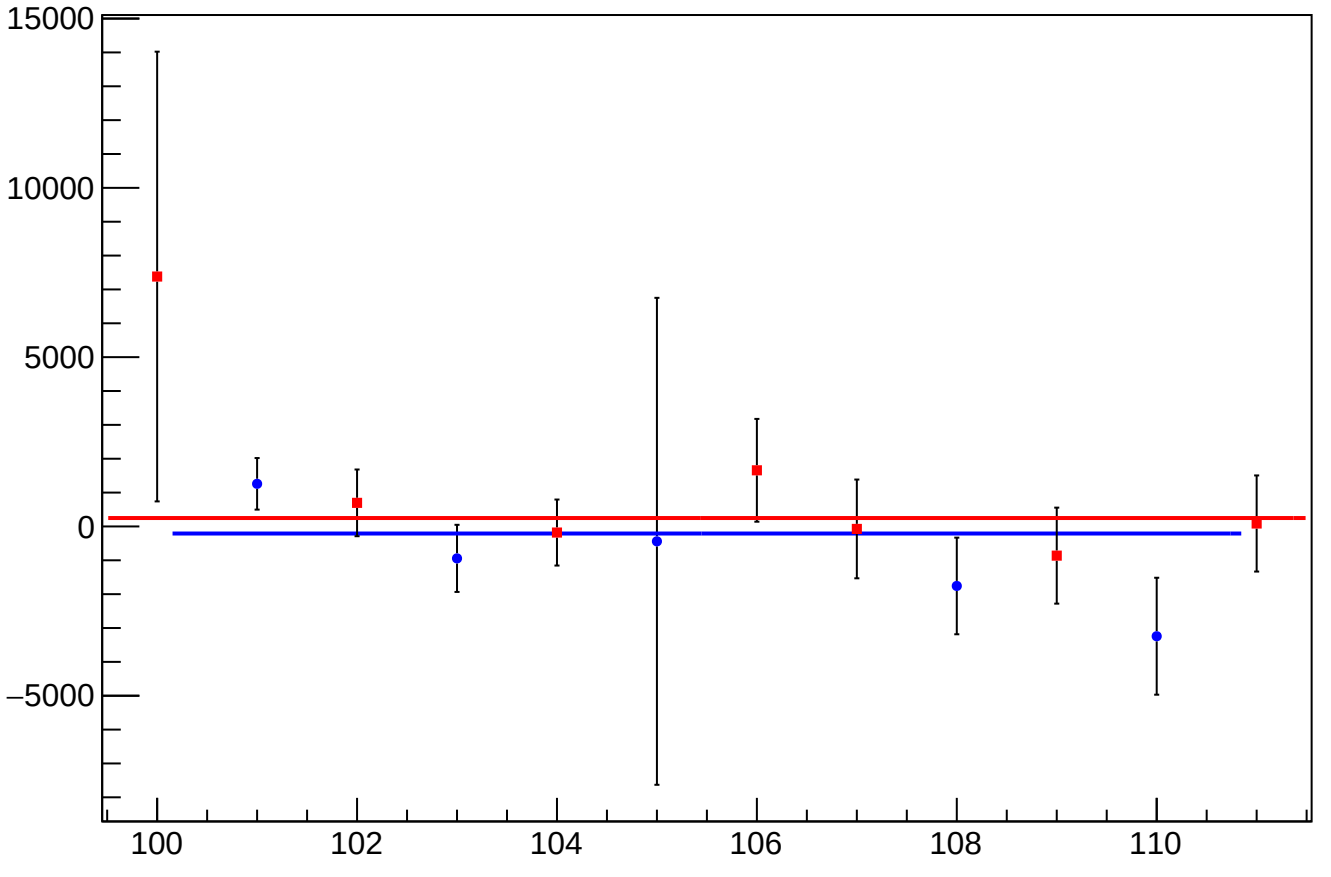
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 558.034+/-0.240 χ^2/NDF: 42044.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

545.919+/-0.281 χ^2/NDF: 2398.1/4

558.034+/-0.240 χ^2/NDF: 42044.2/6



Right In: -208.973+/-527.960 χ^2/NDF: 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

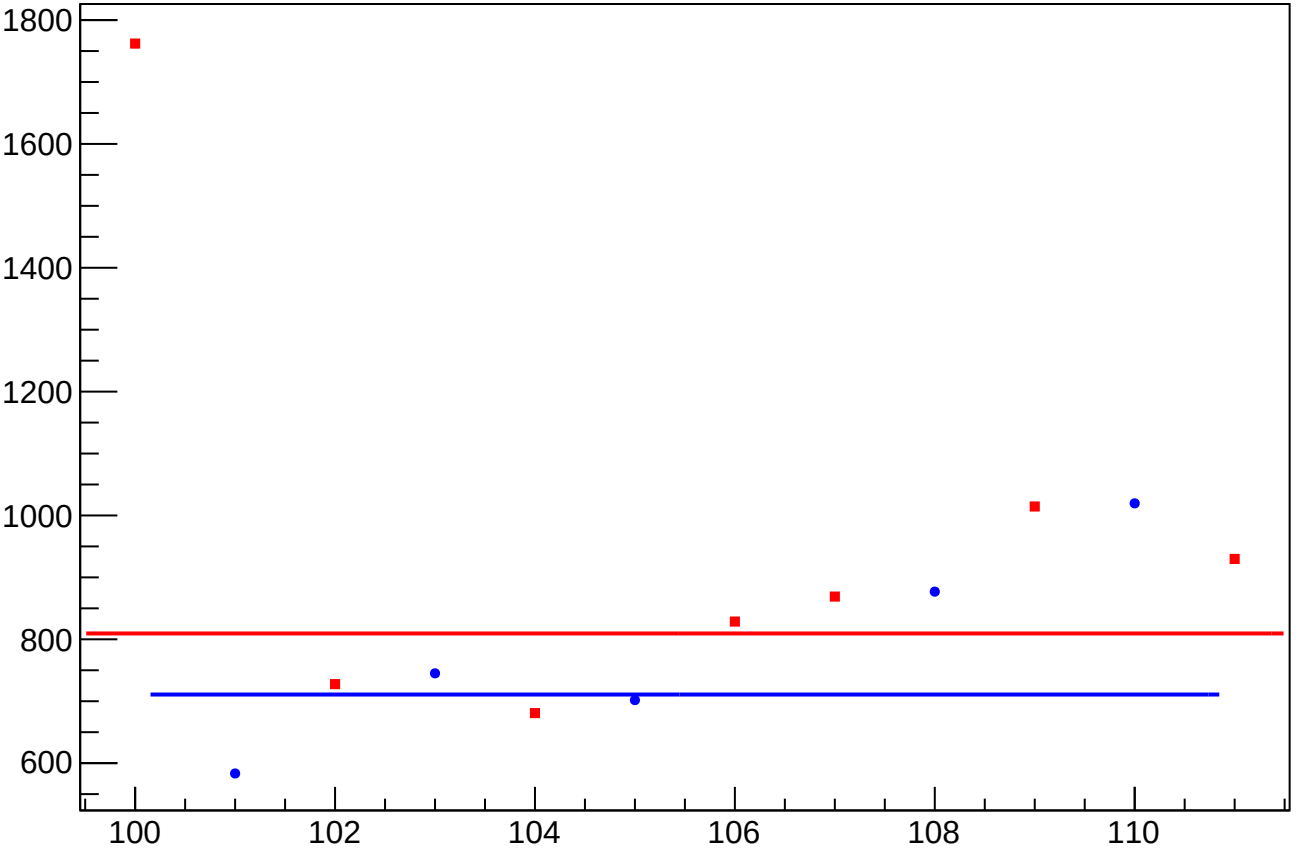
Right Out: 248.495+/-499.800 χ^2/NDF: 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-208.973+/-527.960 χ^2/NDF: 8.5/4

248.495+/-499.800 χ^2/NDF: 3.1/6

asym_right_avg_correction_rms vs slug



Right In: 710.827+/-0.373 χ^2/NDF: 149456.8/4

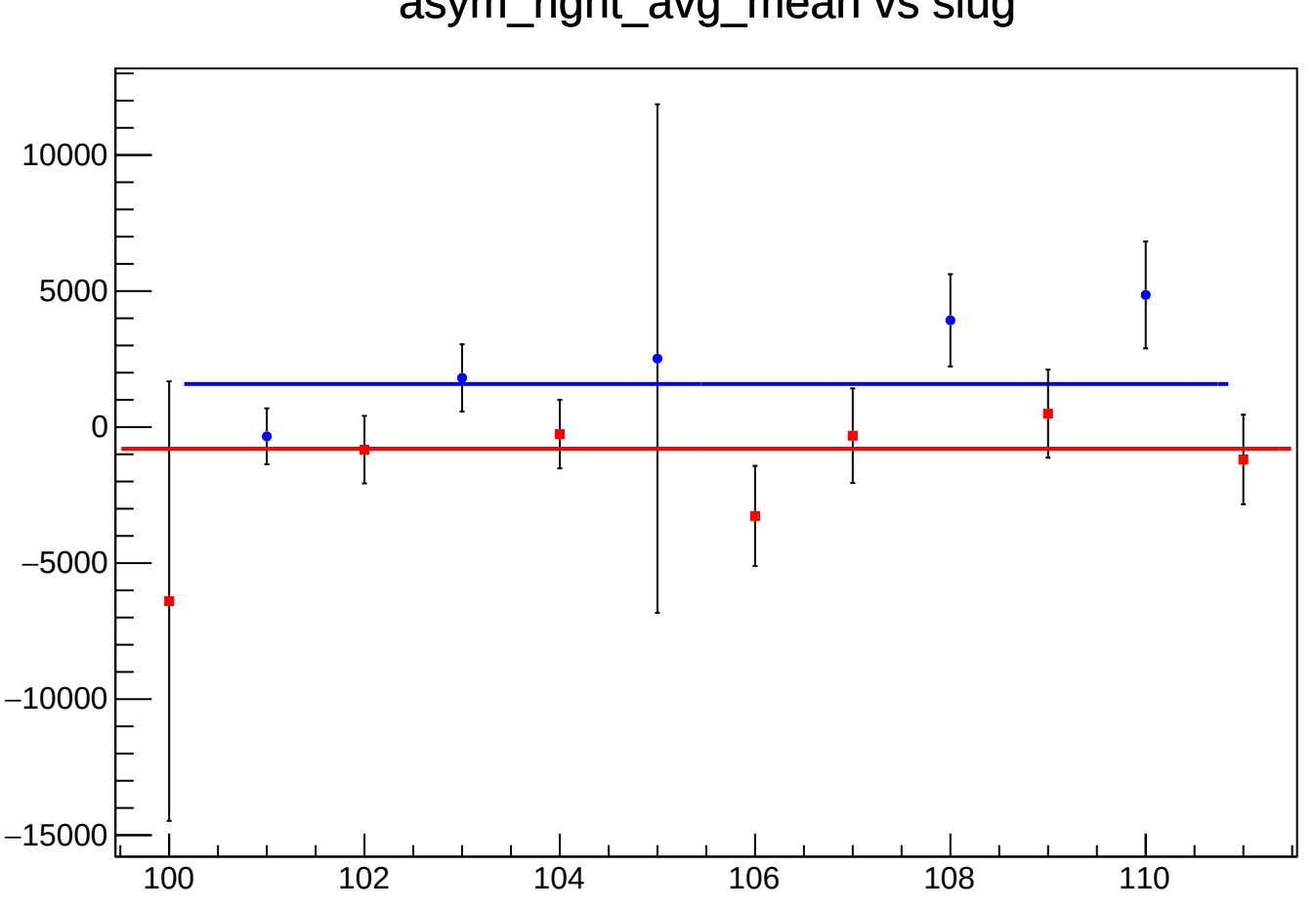
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 809.447+/-0.353 χ^2/NDF: 149628.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

710.827+/-0.373 χ^2/NDF: 149456.8/4

809.447+/-0.353 χ^2/NDF: 149628.1/6



Right In: 1585.403+/-671.370 χ^2/NDF: 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

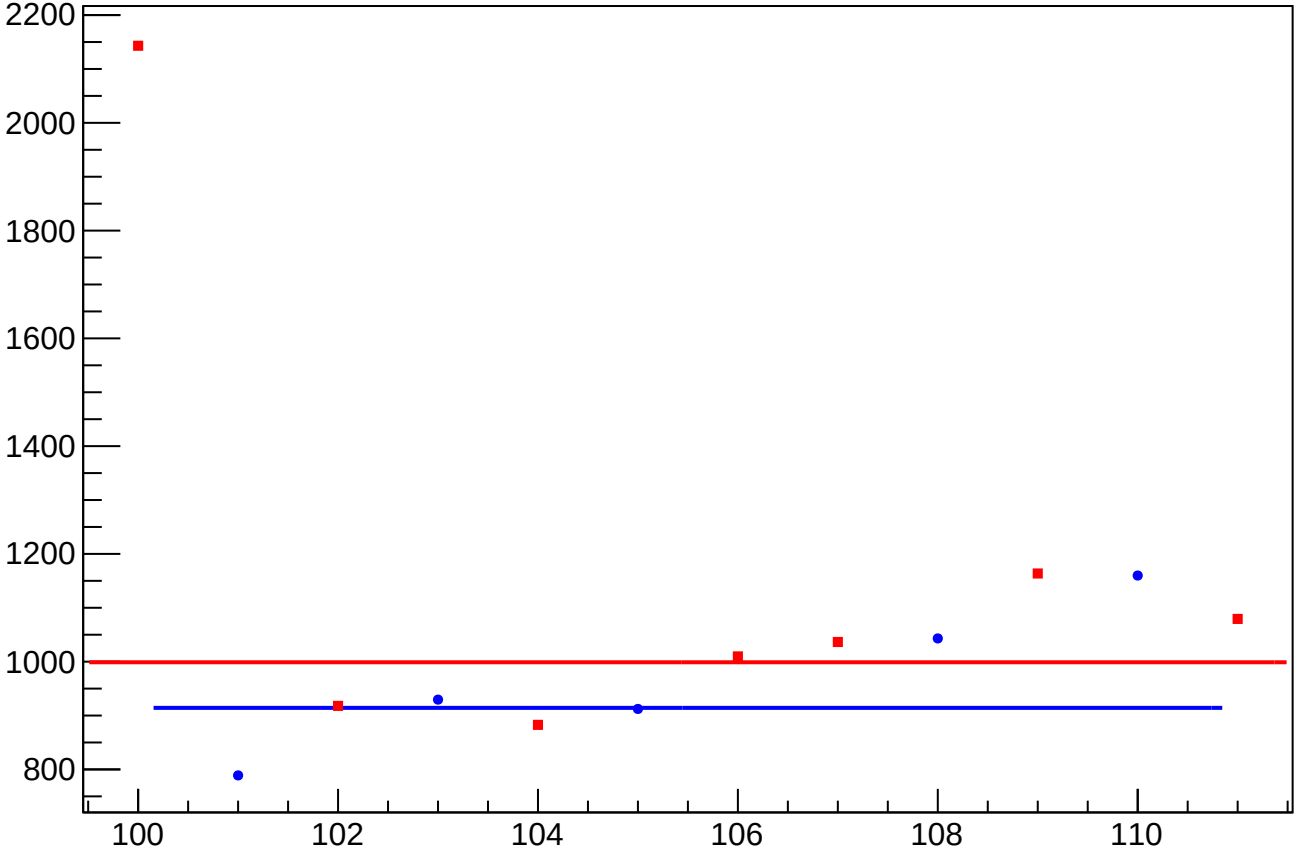
Right Out: -792.871+/-612.082 χ^2/NDF: 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1585.403+/-671.370 χ^2/NDF: 8.2/4

-792.871+/-612.082 χ^2/NDF: 3.2/6

asym_right_avg_rms vs slug



Right In: 914.260+/-0.475 χ^2/NDF: 72864.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

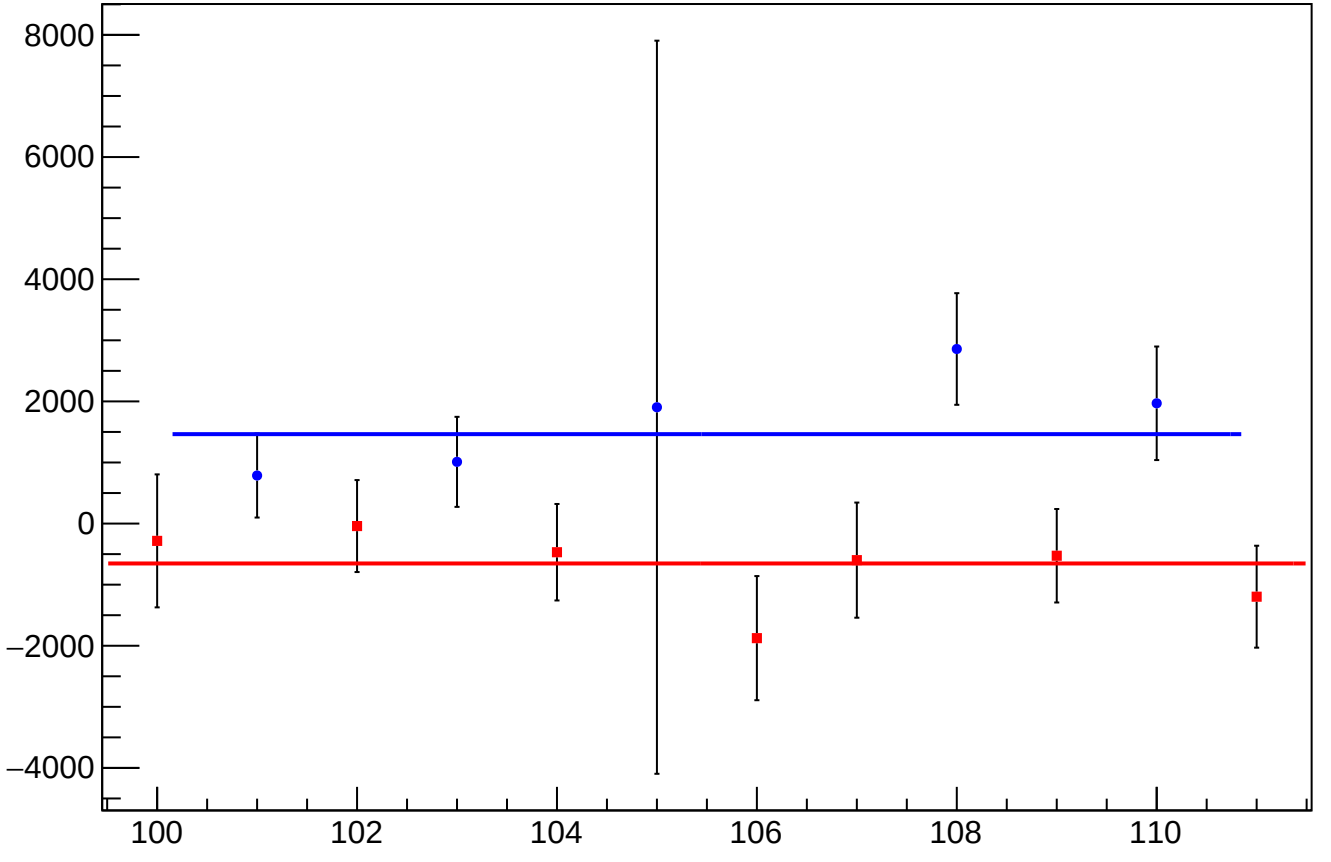
Right Out: 998.860+/-0.433 χ^2/NDF: 92088.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

914.260+/-0.475 χ^2/NDF: 72864.8/4

998.860+/-0.433 χ^2/NDF: 92088.1/6

reg_asym_right_dd_mean vs slug



Right In: 1463.993+/-397.236 χ^2/NDF: 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

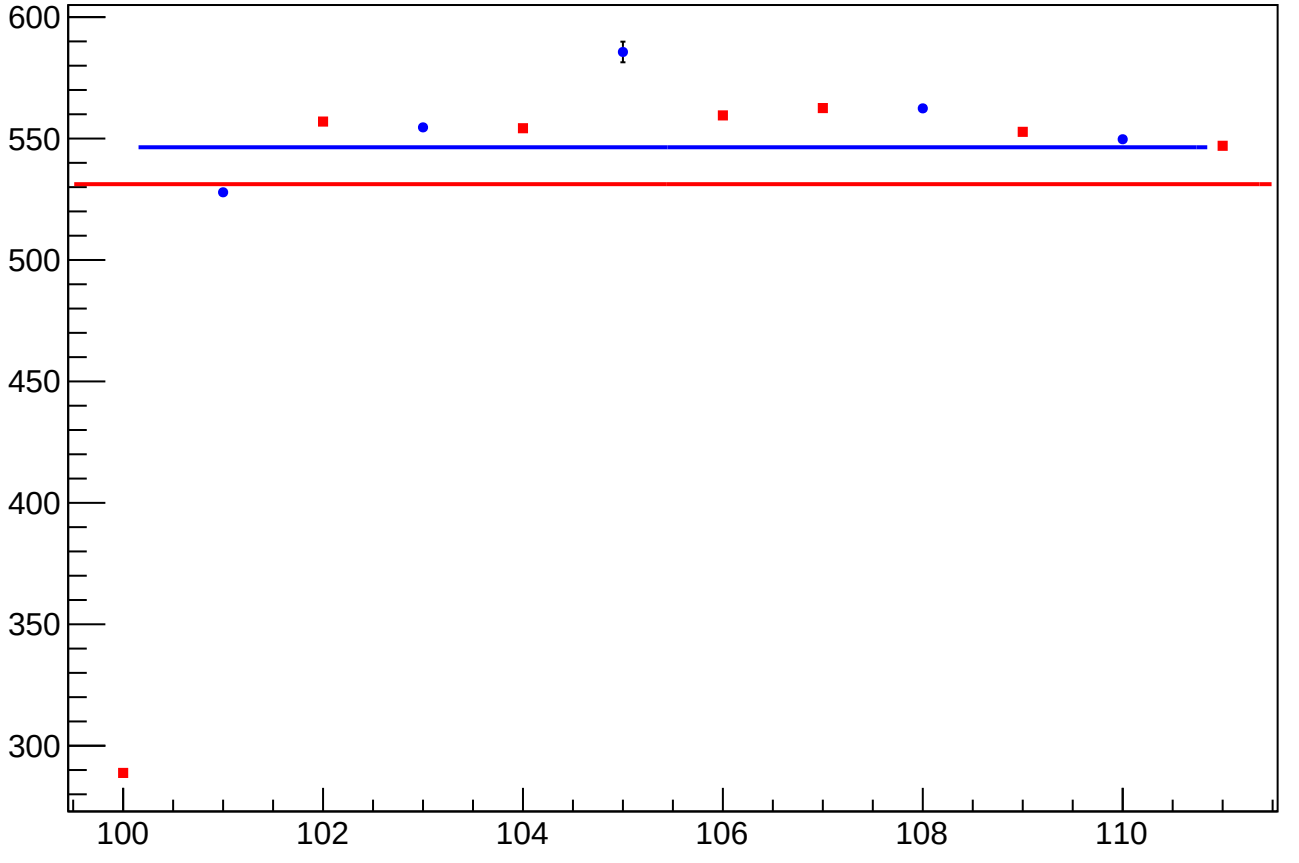
Right Out: -653.045+/-325.300 χ^2/NDF: 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1463.993+/-397.236 χ^2/NDF: 4.0/4

-653.045+/-325.300 χ^2/NDF: 2.7/6

reg_asym_right_dd_rms vs slug



Right In: 546.413+/-0.281 χ^2/NDF: 2425.2/4

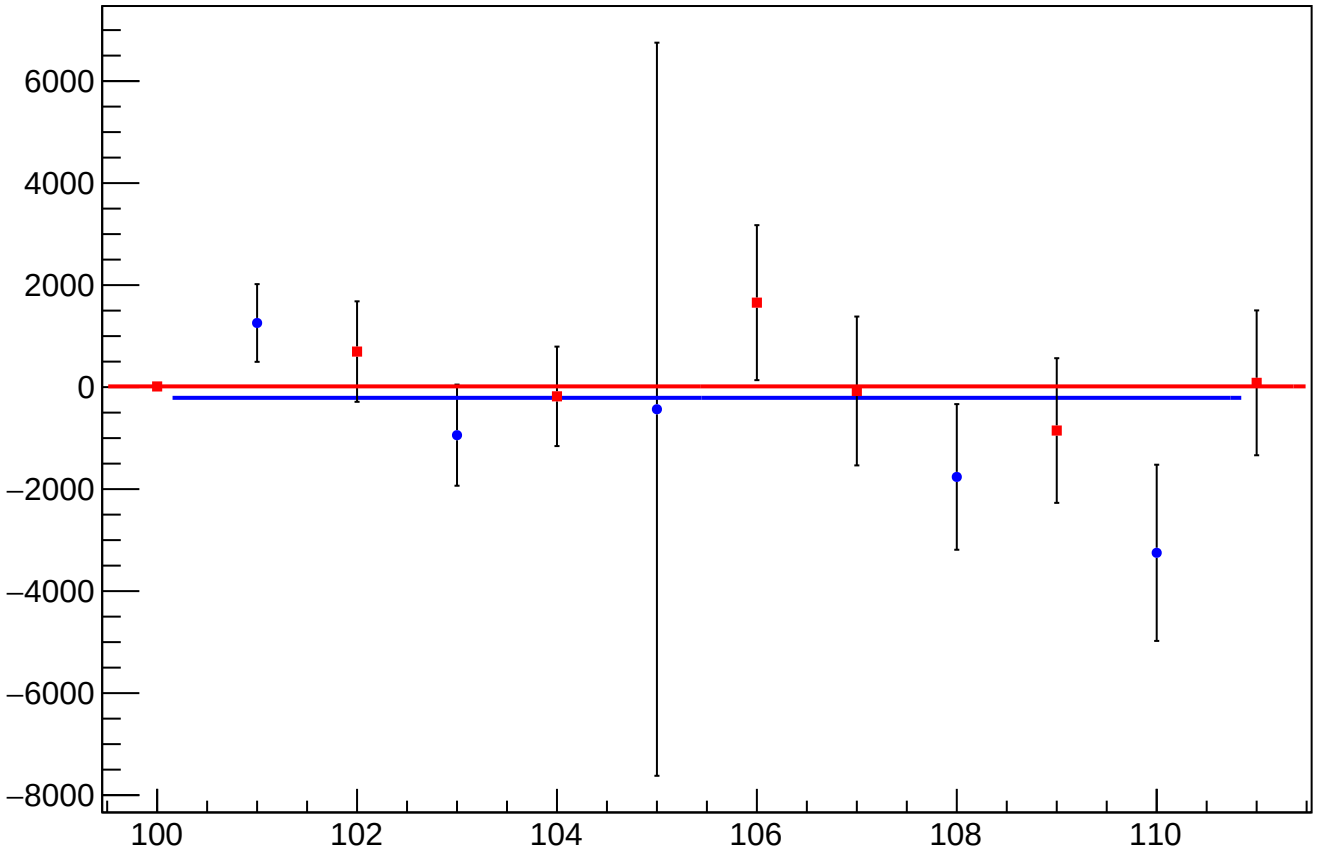
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 531.219+/-0.230 χ^2/NDF: 109306.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

546.413+/-0.281 χ^2/NDF: 2425.2/4

531.219+/-0.230 χ^2/NDF: 109306.3/6



Right In: -210.129+/-528.132 χ^2/NDF: 8.5/4

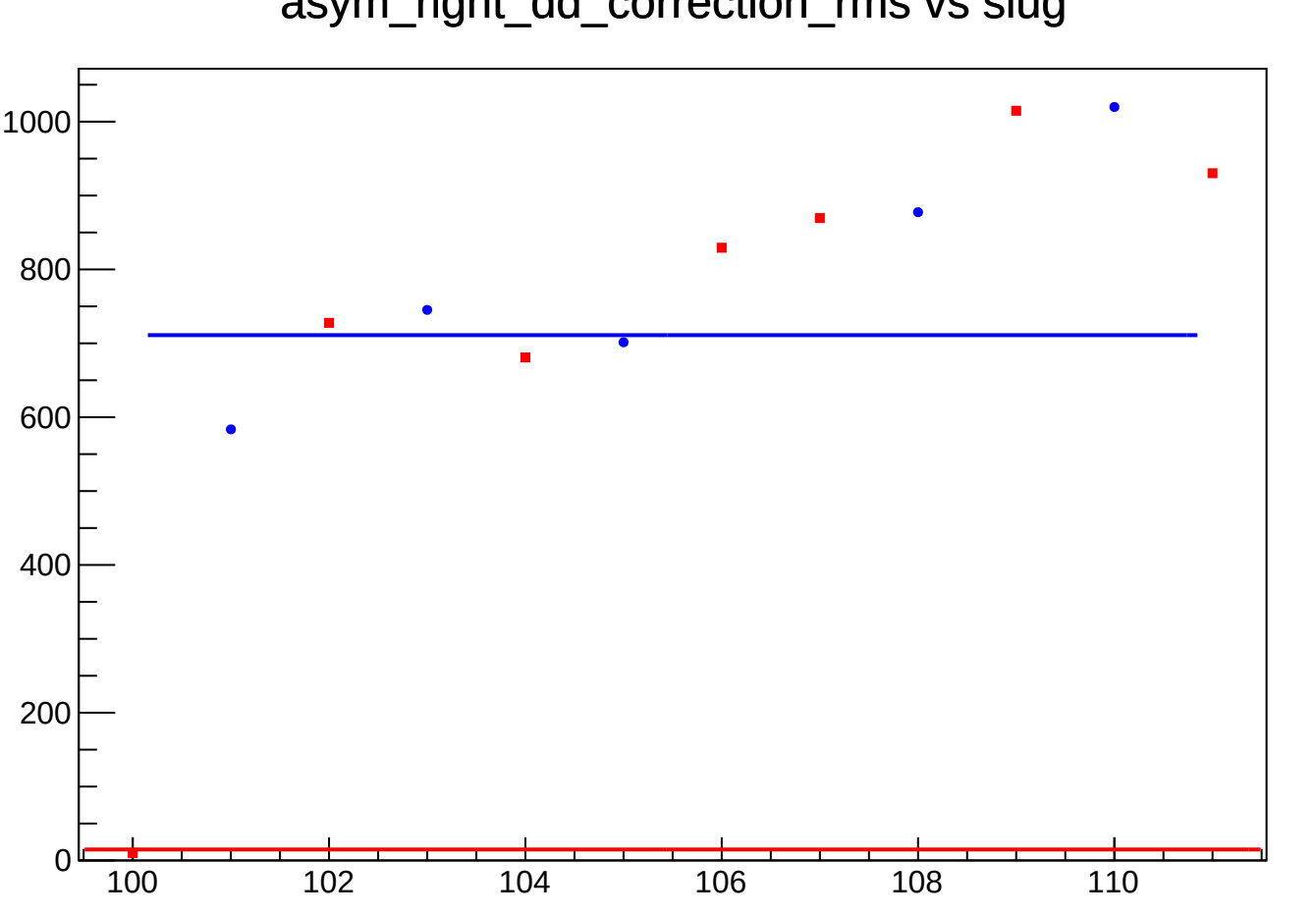
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.189+/-39.104 χ^2/NDF: 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-210.129+/-528.132 χ^2/NDF: 8.5/4

14.189+/-39.104 χ^2/NDF: 2.1/6



Right In: 711.052+/-0.373 χ^2/NDF: 149528.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

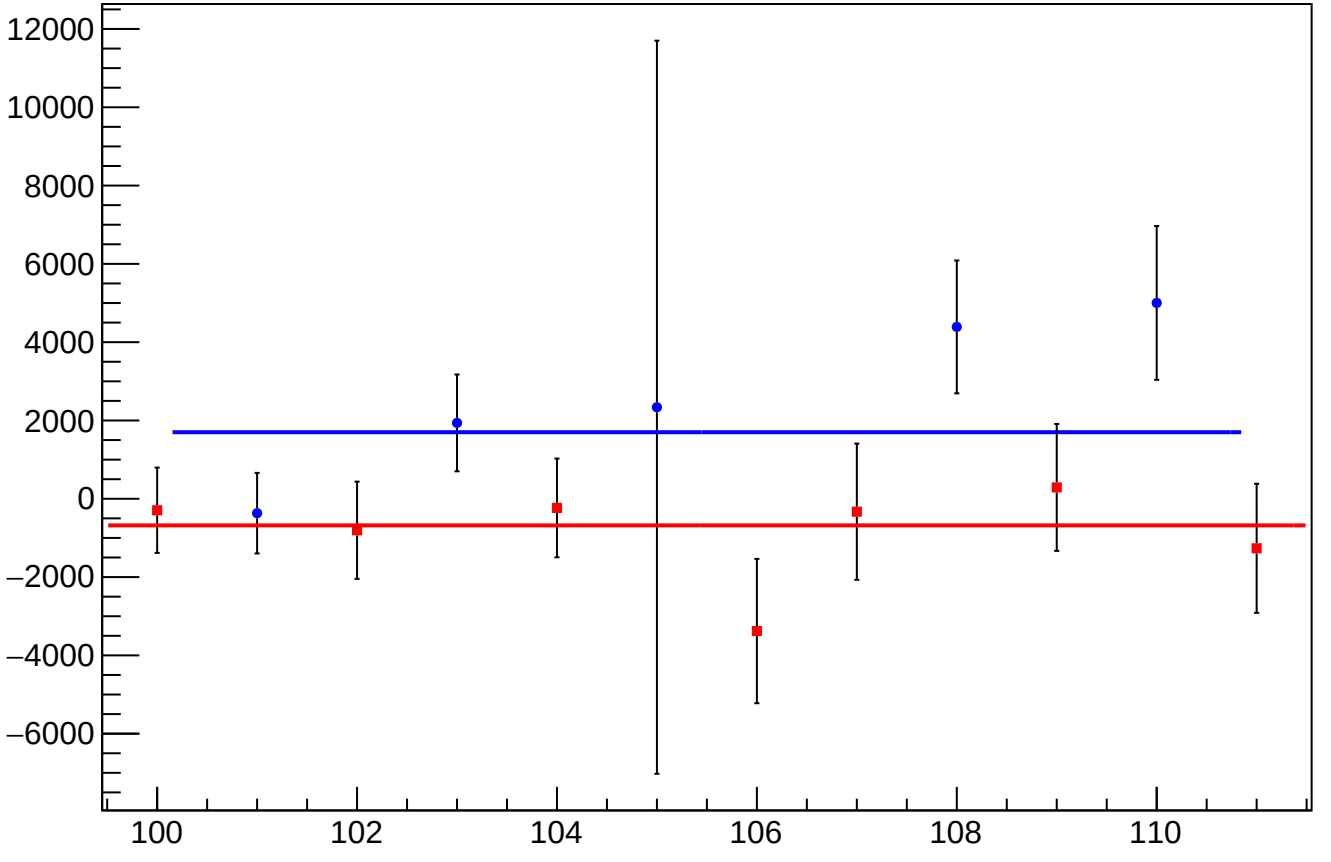
Right Out: 14.874+/-0.028 χ^2/NDF: 5096490.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

711.052+/-0.373 χ^2/NDF: 149528.9/4

14.874+/-0.028 χ^2/NDF: 5096490.1/6

asym_right_dd_mean vs slug



Right In: 1700.327+/-671.728 χ^2/NDF: 9.4/4

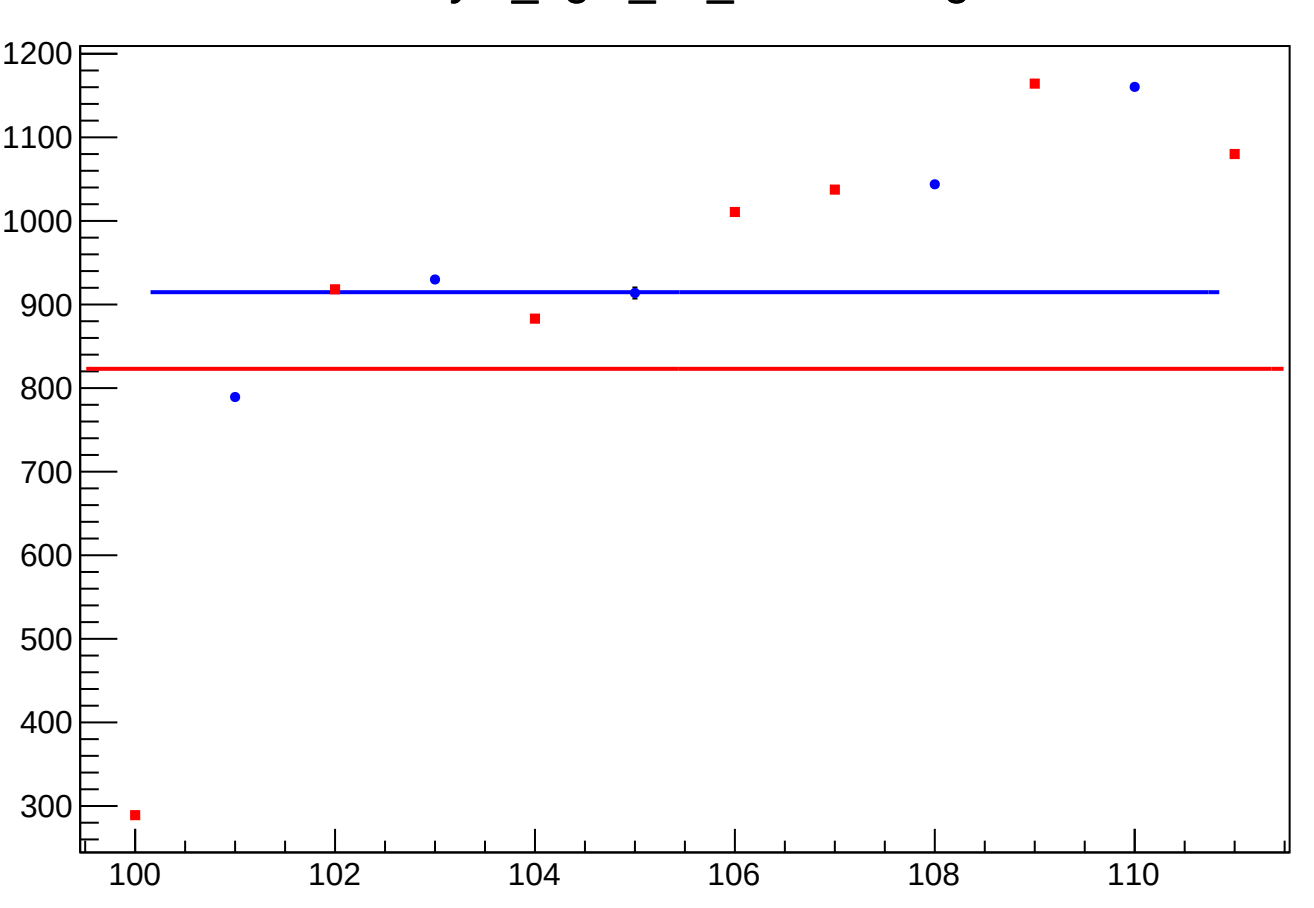
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -679.620+/-535.019 χ^2/NDF: 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1700.327+/-671.728 χ^2/NDF: 9.4/4

-679.620+/-535.019 χ^2/NDF: 2.9/6



Right In: 914.748+/-0.475 χ^2/NDF: 72871.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

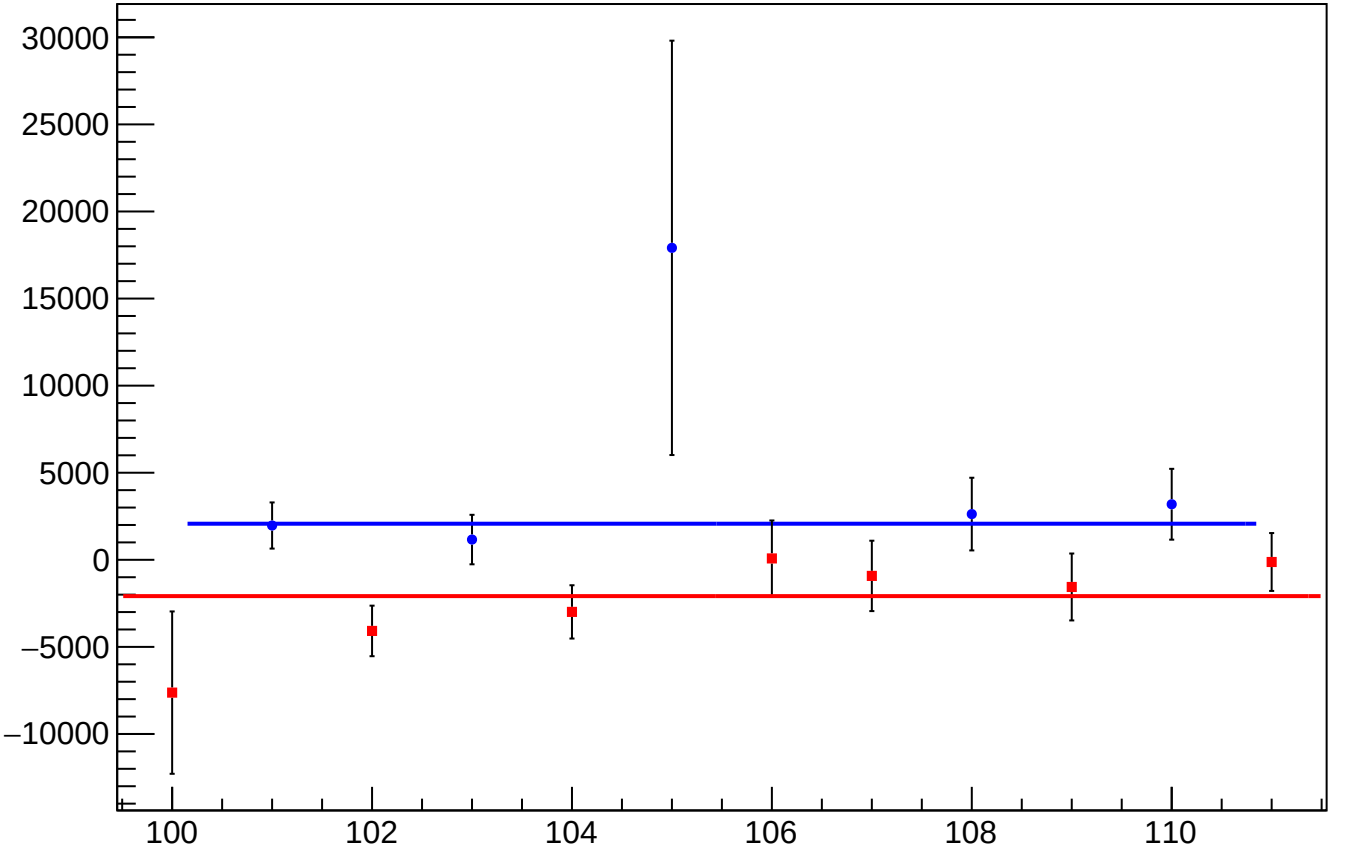
Right Out: 823.062+/-0.378 χ^2/NDF: 685164.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

914.748+/-0.475 χ^2/NDF: 72871.9/4

823.062+/-0.378 χ^2/NDF: 685164.2/6

cor_usl_mean vs slug



Right In: 2072.441+/-804.879 χ^2/NDF: 2.6/4

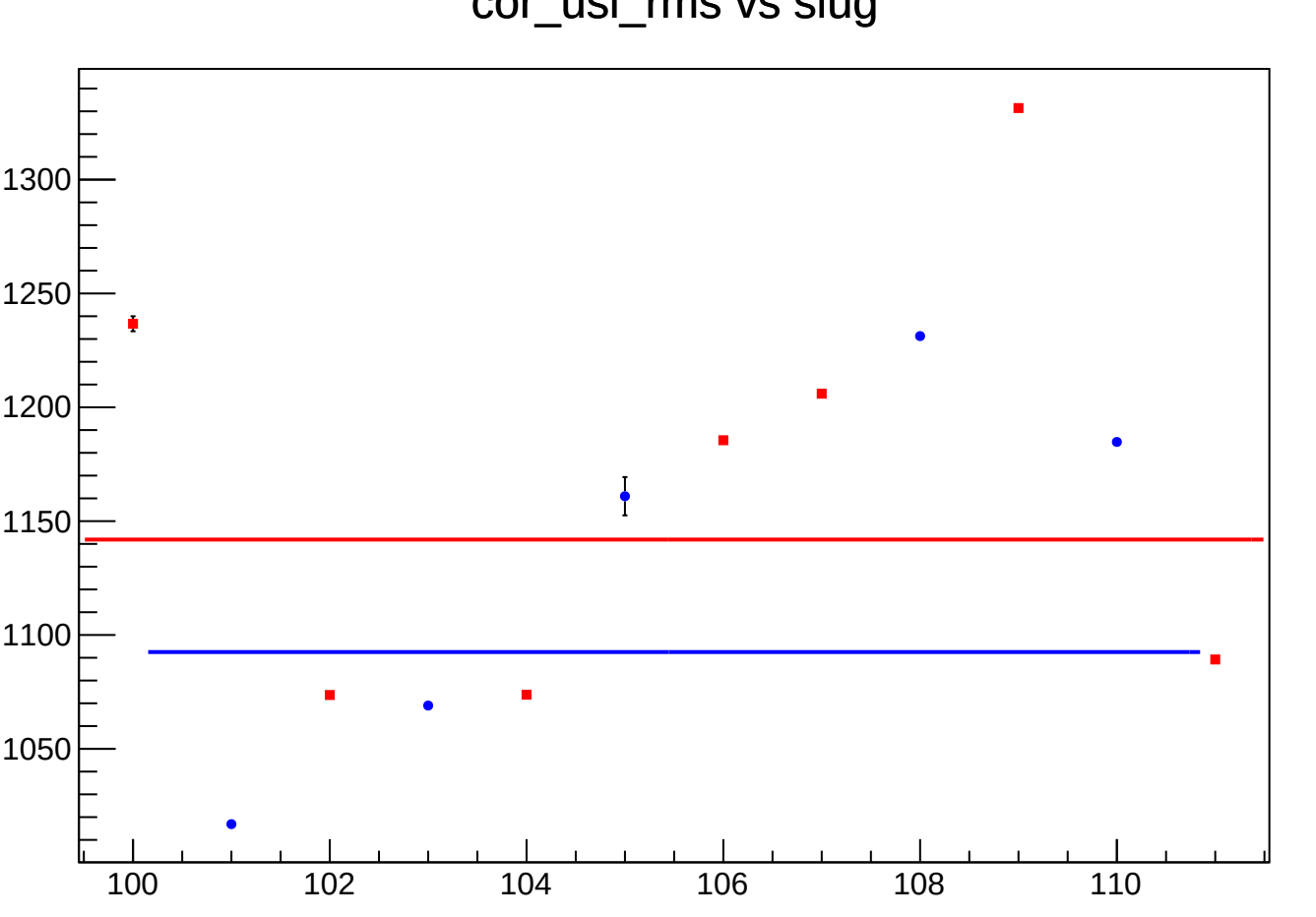
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2084.171+/-700.679 χ^2/NDF: 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2072.441+/-804.879 χ^2/NDF: 2.6/4

-2084.171+/-700.679 χ^2/NDF: 6.4/6



Right In: 1092.507+/-0.569 χ^2/NDF: 20088.9/4

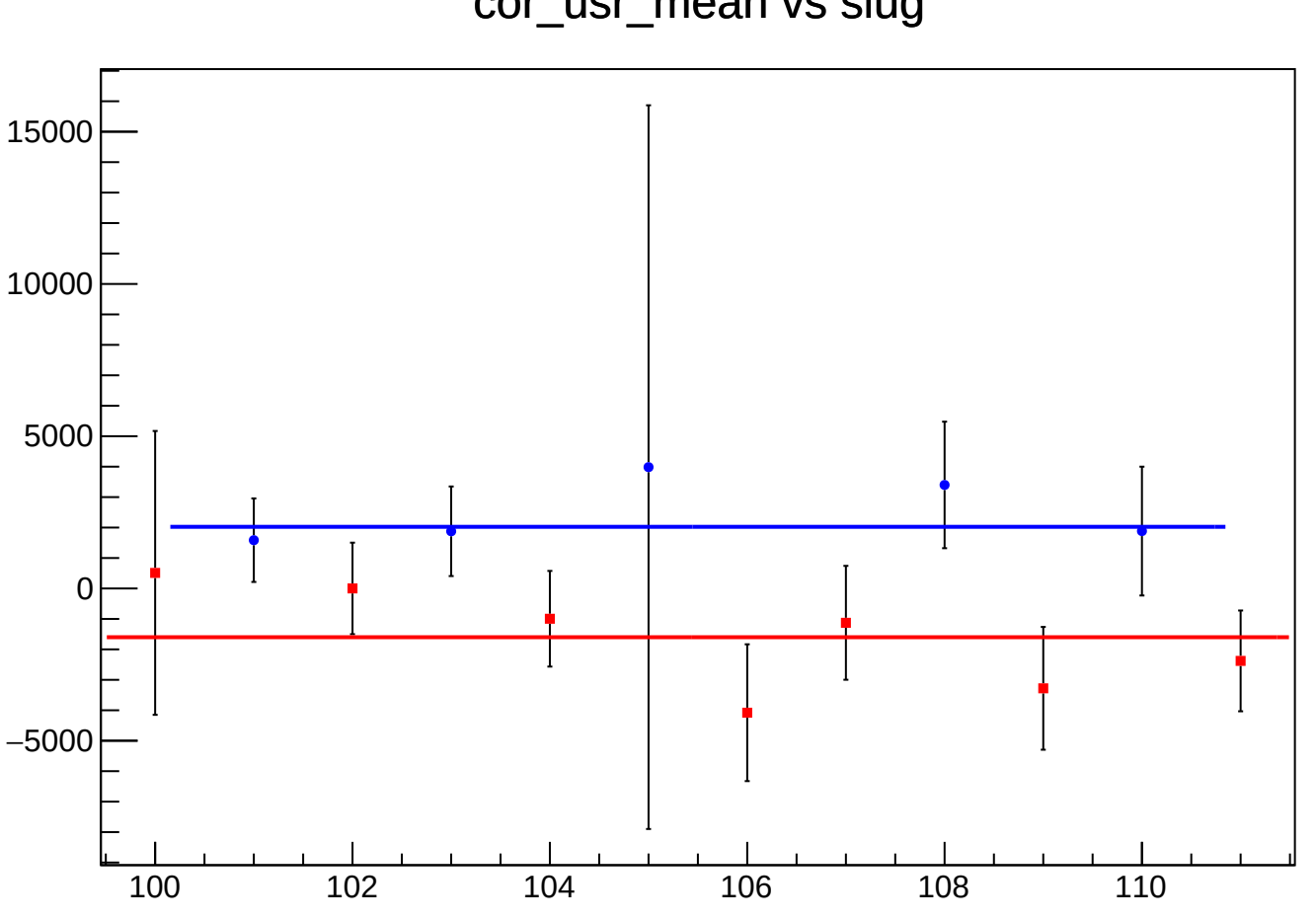
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1141.910+/-0.495 χ^2/NDF: 33510.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1092.507+/-0.569 χ^2/NDF: 20088.9/4

1141.910+/-0.495 χ^2/NDF: 33510.0/6



Right In: 2024.838+/-828.676 χ^2/NDF: 0.6/4

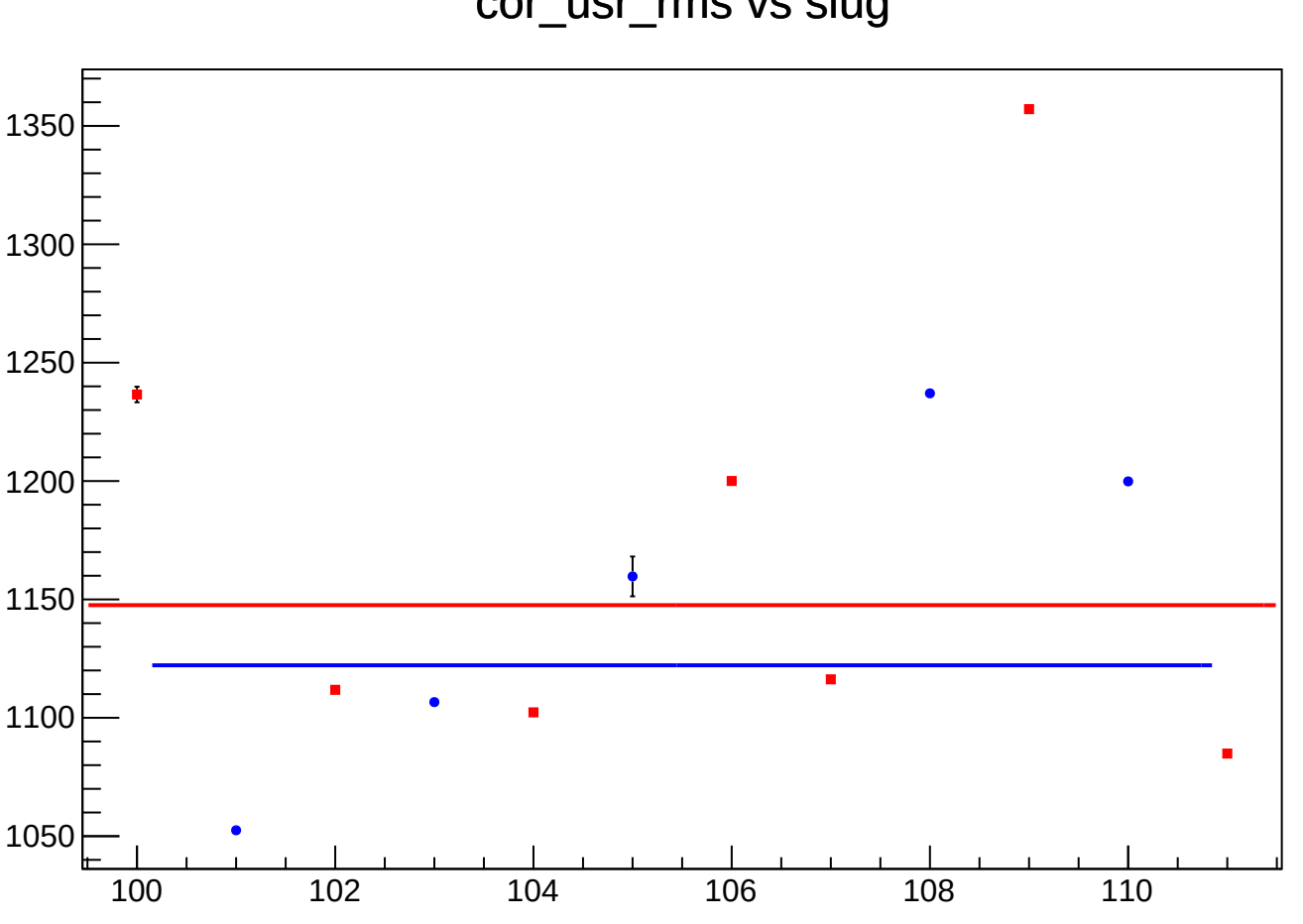
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1600.896+/-708.965 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2024.838+/-828.676 χ^2/NDF: 0.6/4

-1600.896+/-708.965 χ^2/NDF: 3.7/6



Right In: 1122.185+/-0.586 χ^2/NDF: 14218.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

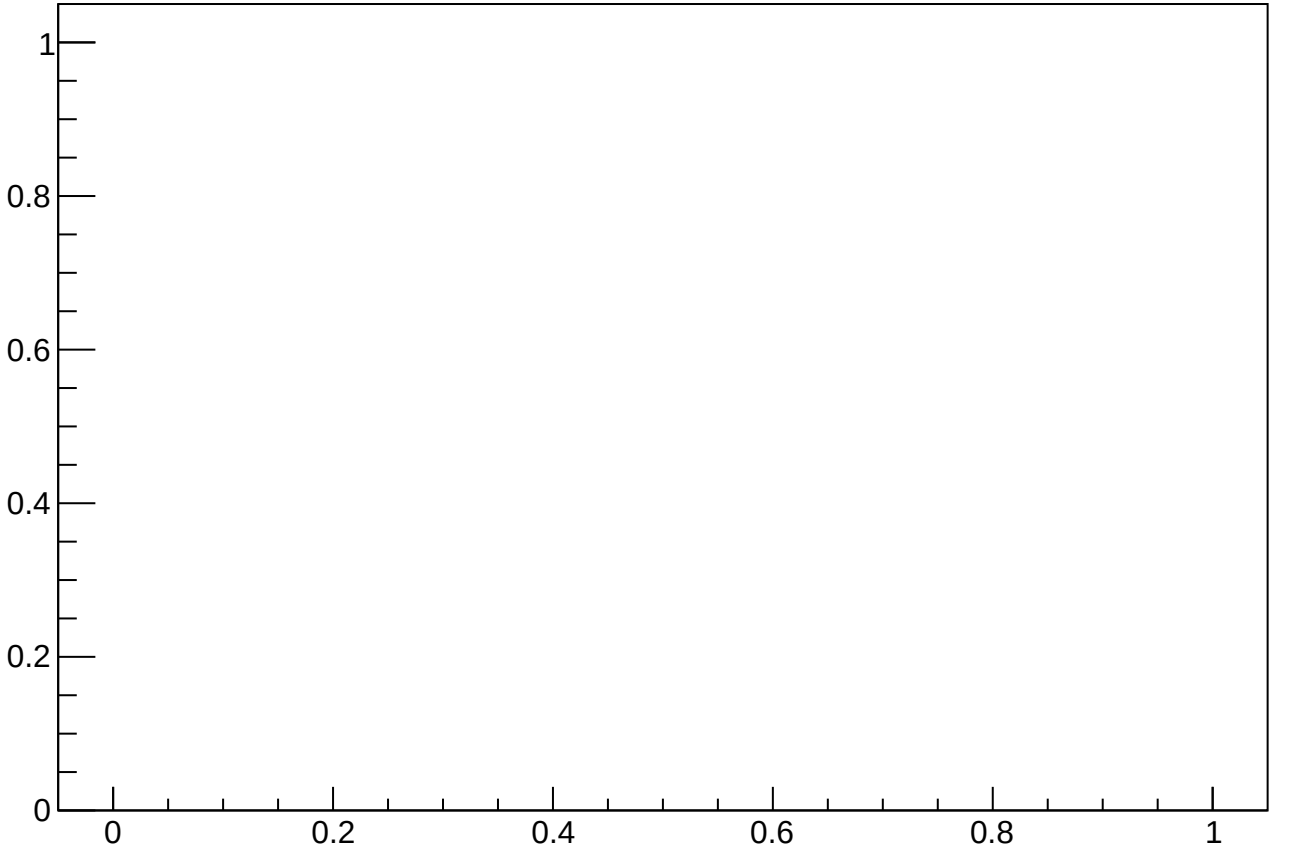
Right Out: 1147.580+/-0.501 χ^2/NDF: 29646.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1122.185+/-0.586 χ^2/NDF: 14218.6/4

1147.580+/-0.501 χ^2/NDF: 29646.5/6

cor_dsl_mean vs slug



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

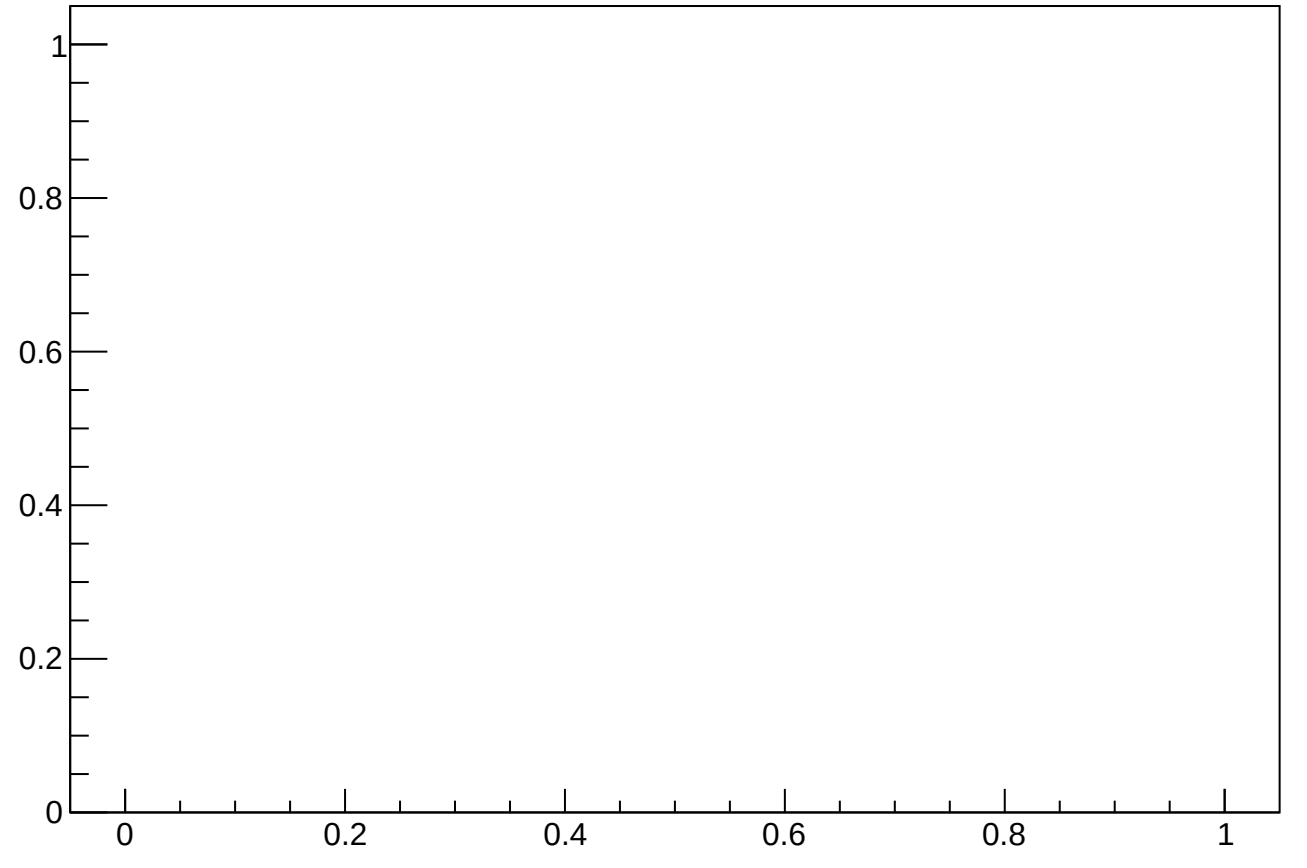
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

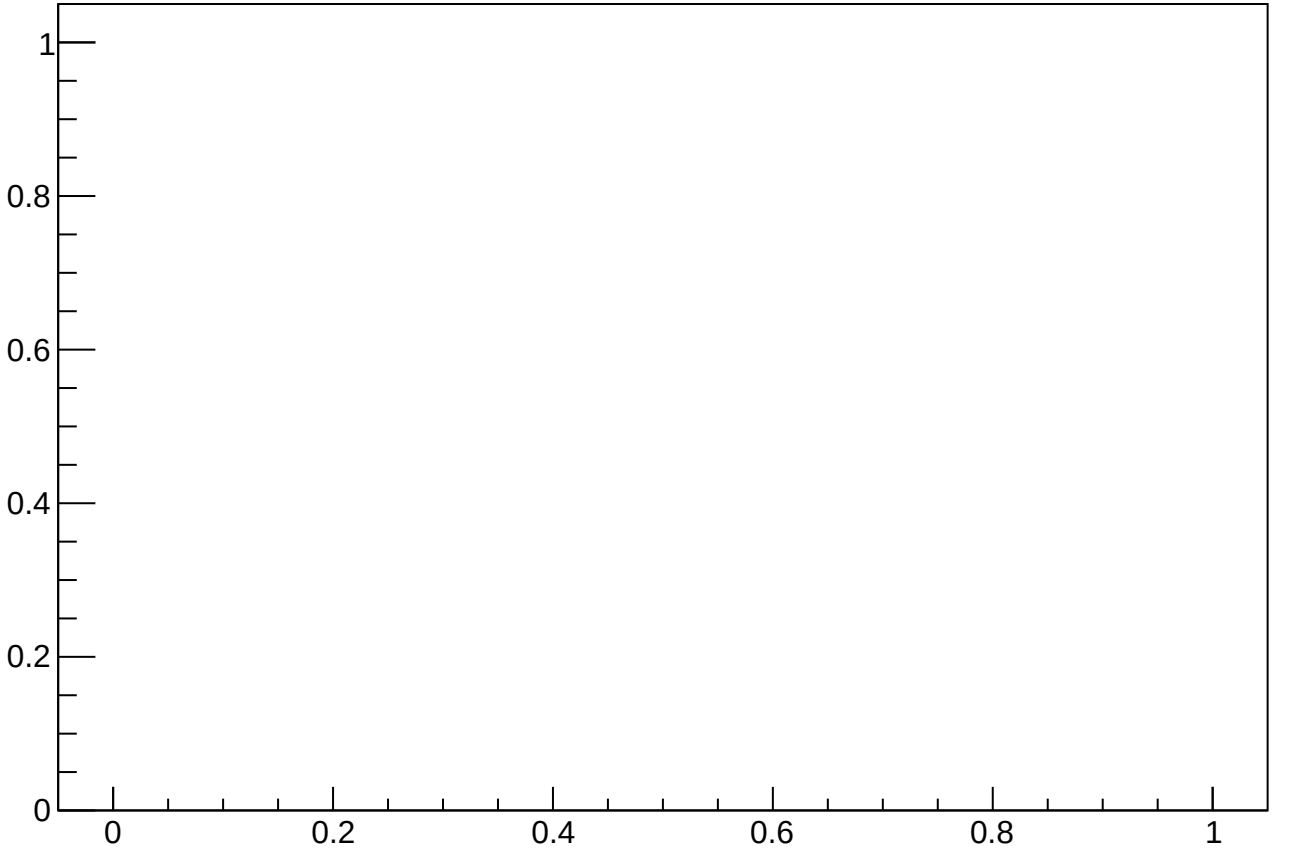
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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_mean vs slug



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

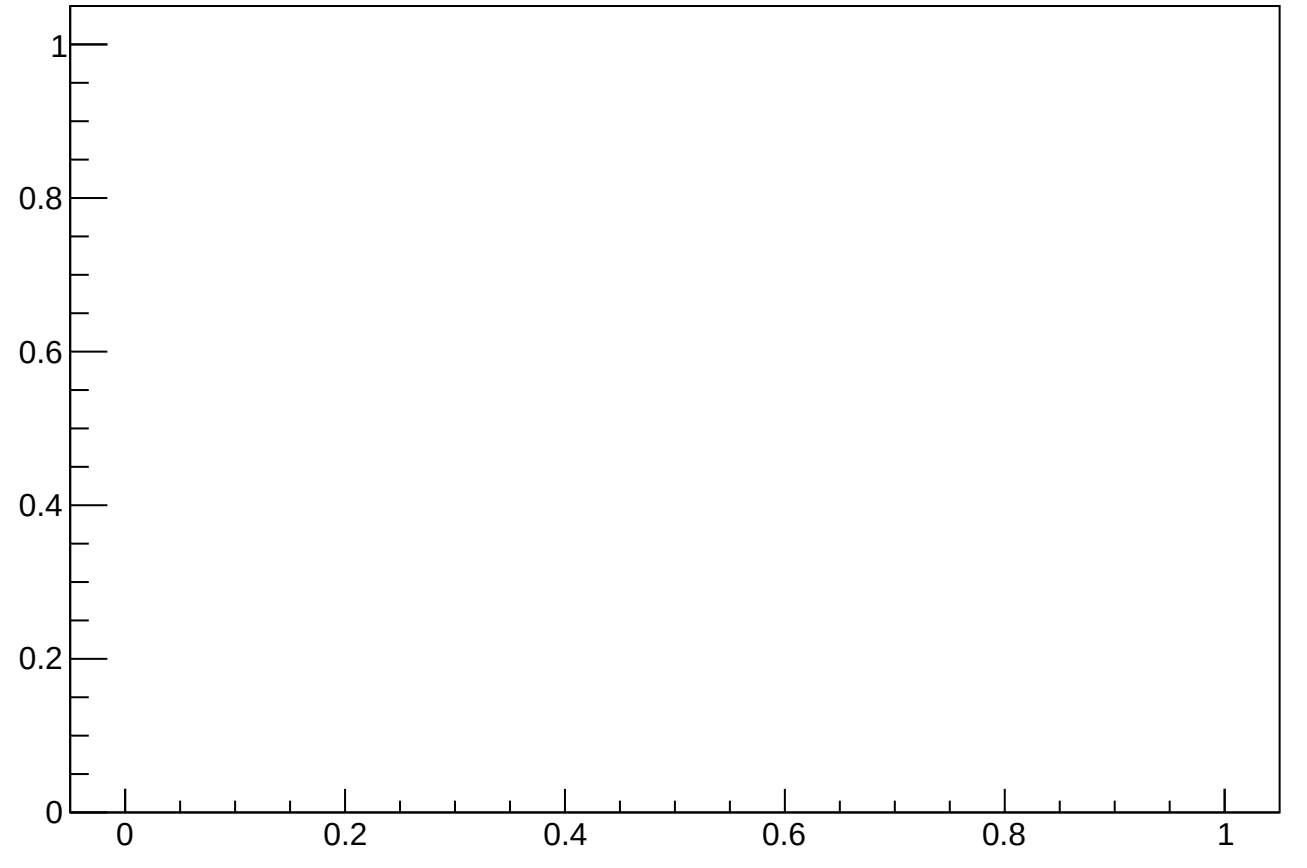
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

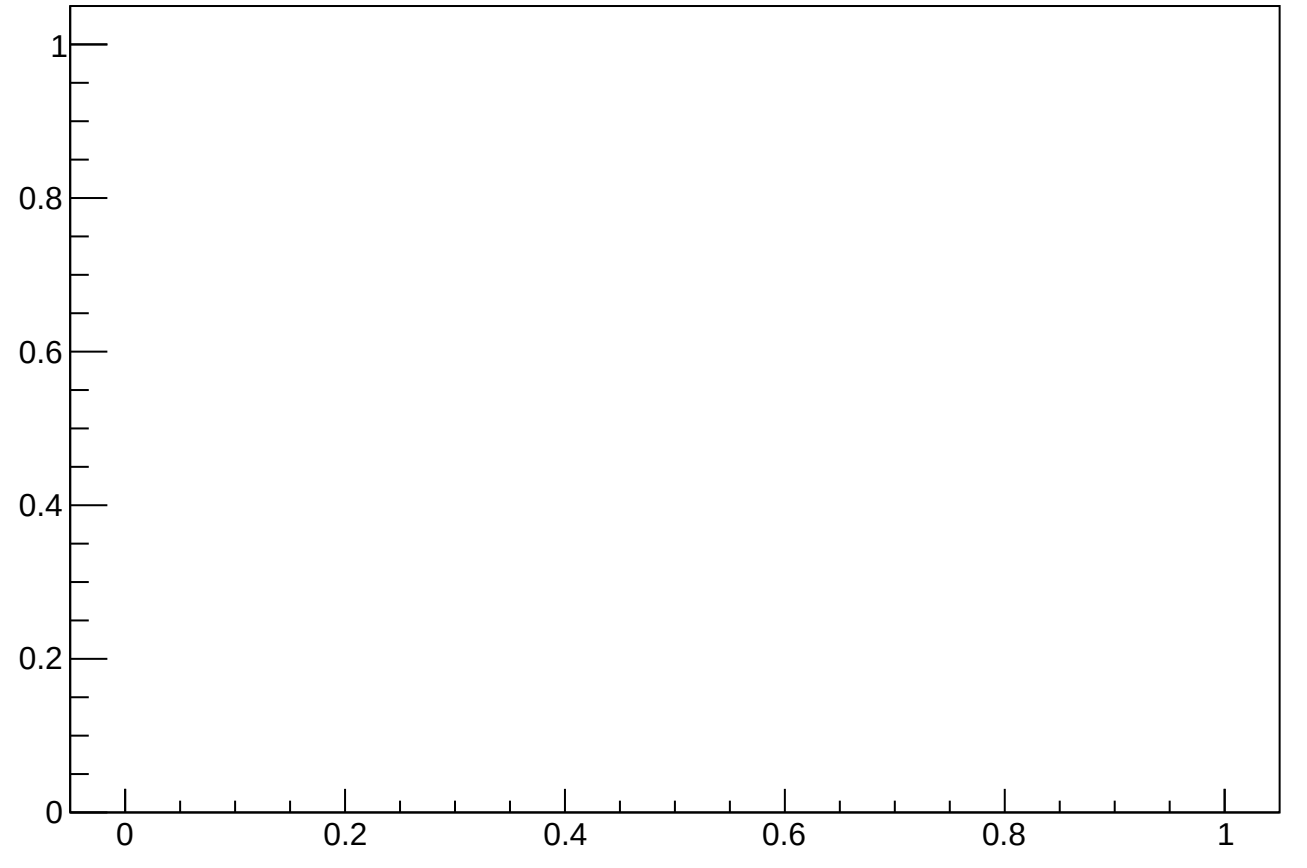
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

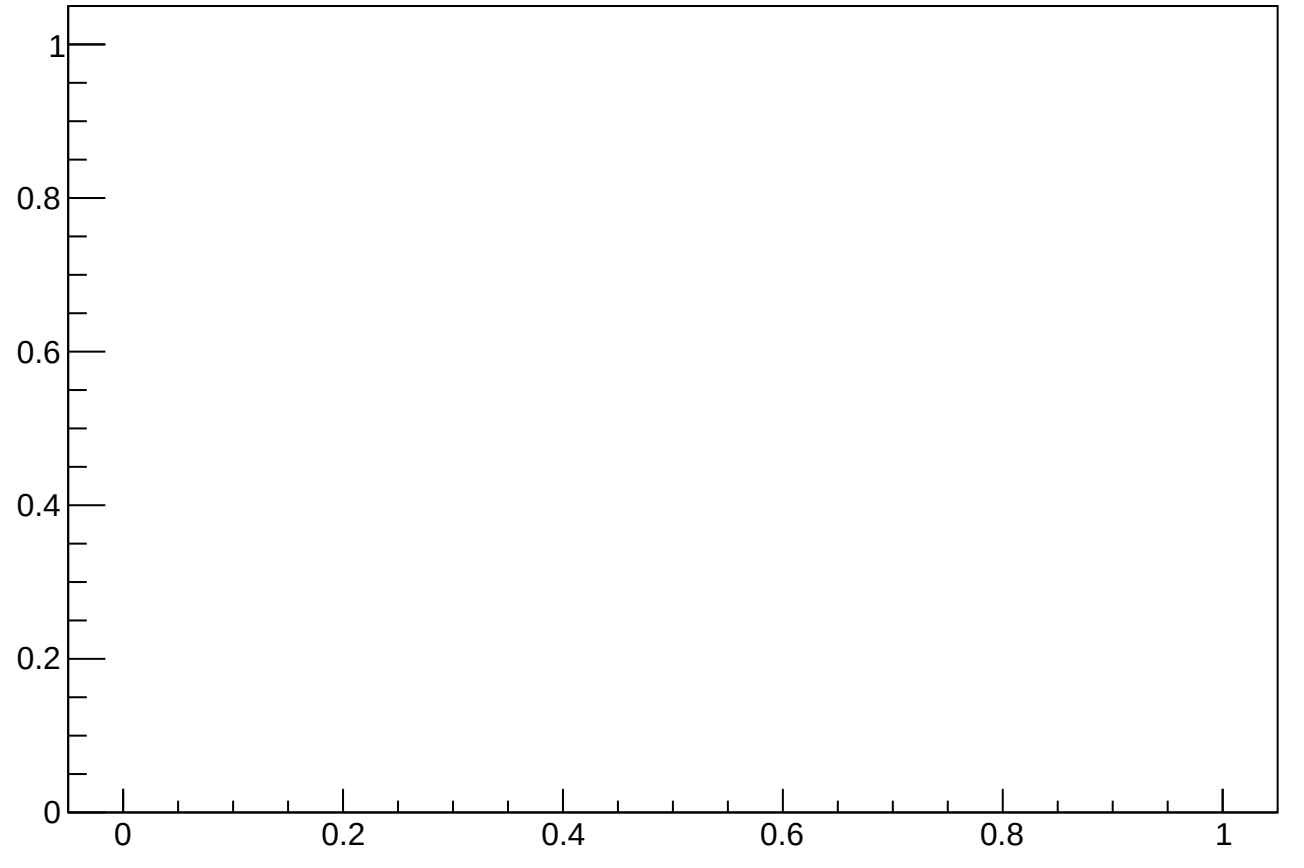
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

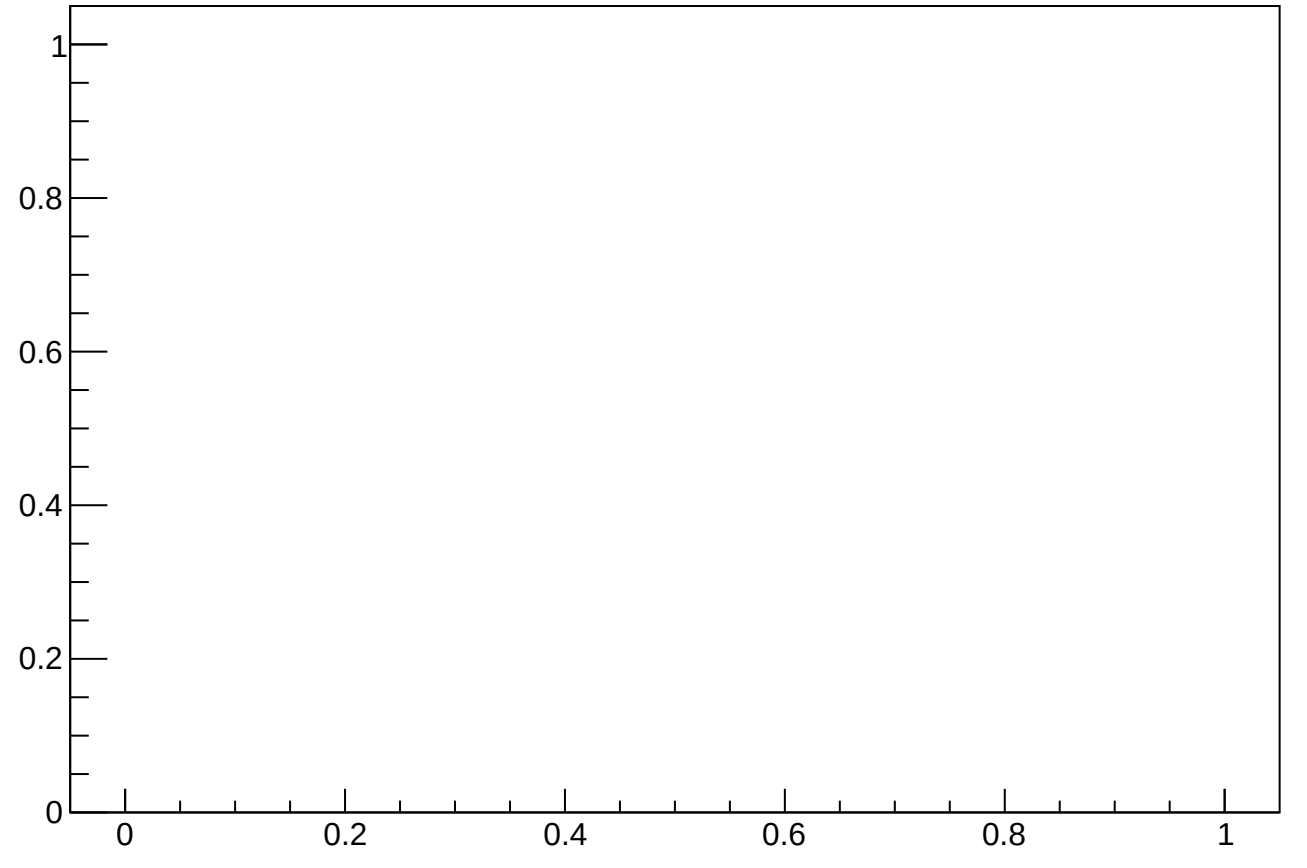
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

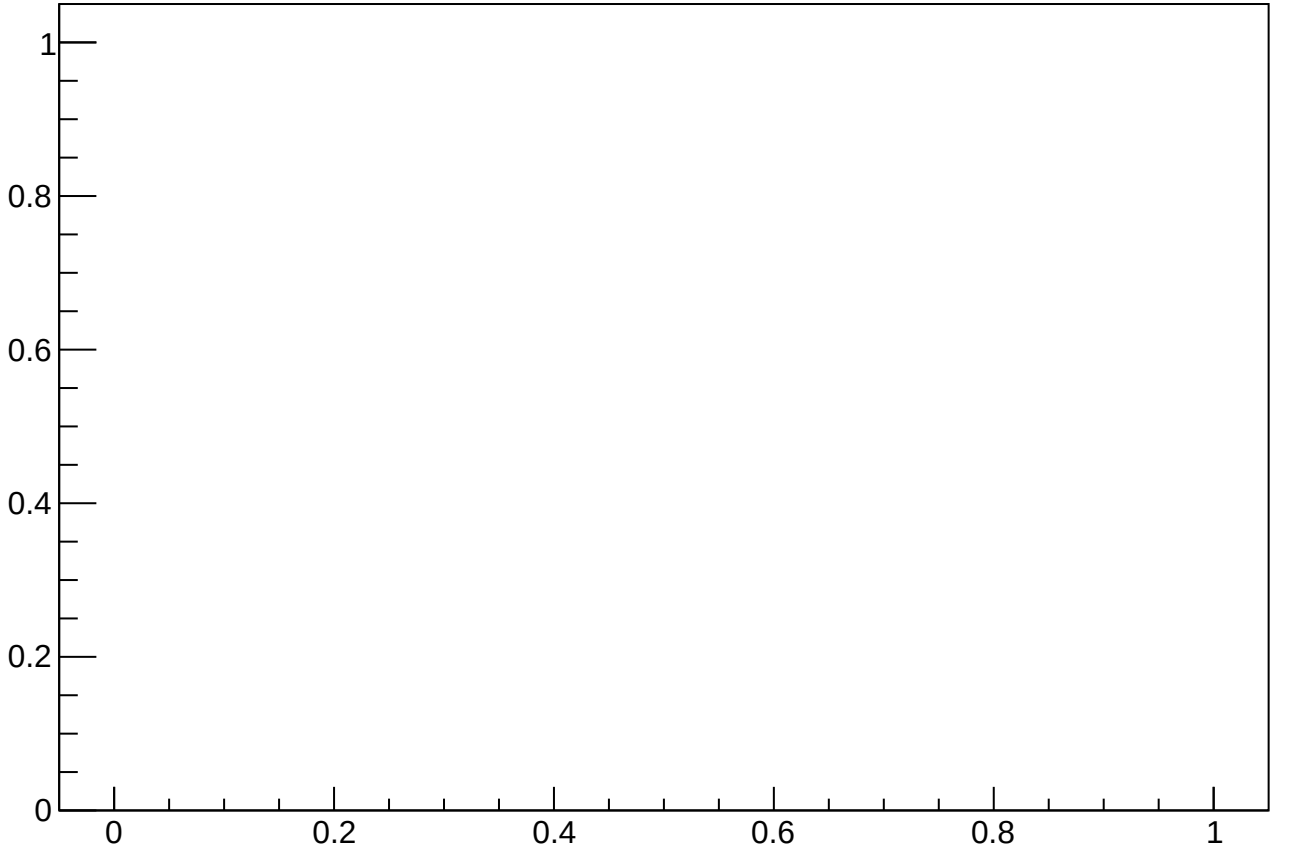
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

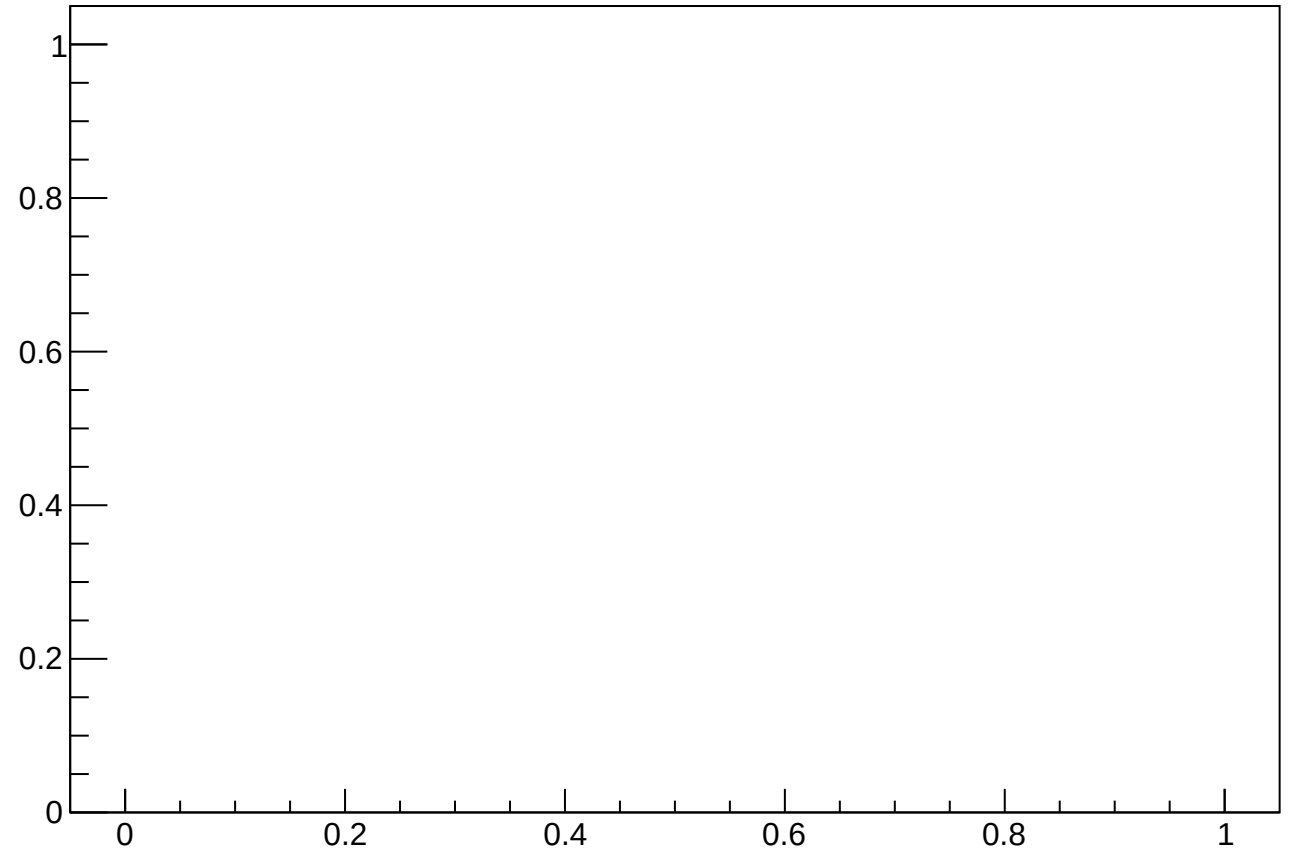
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

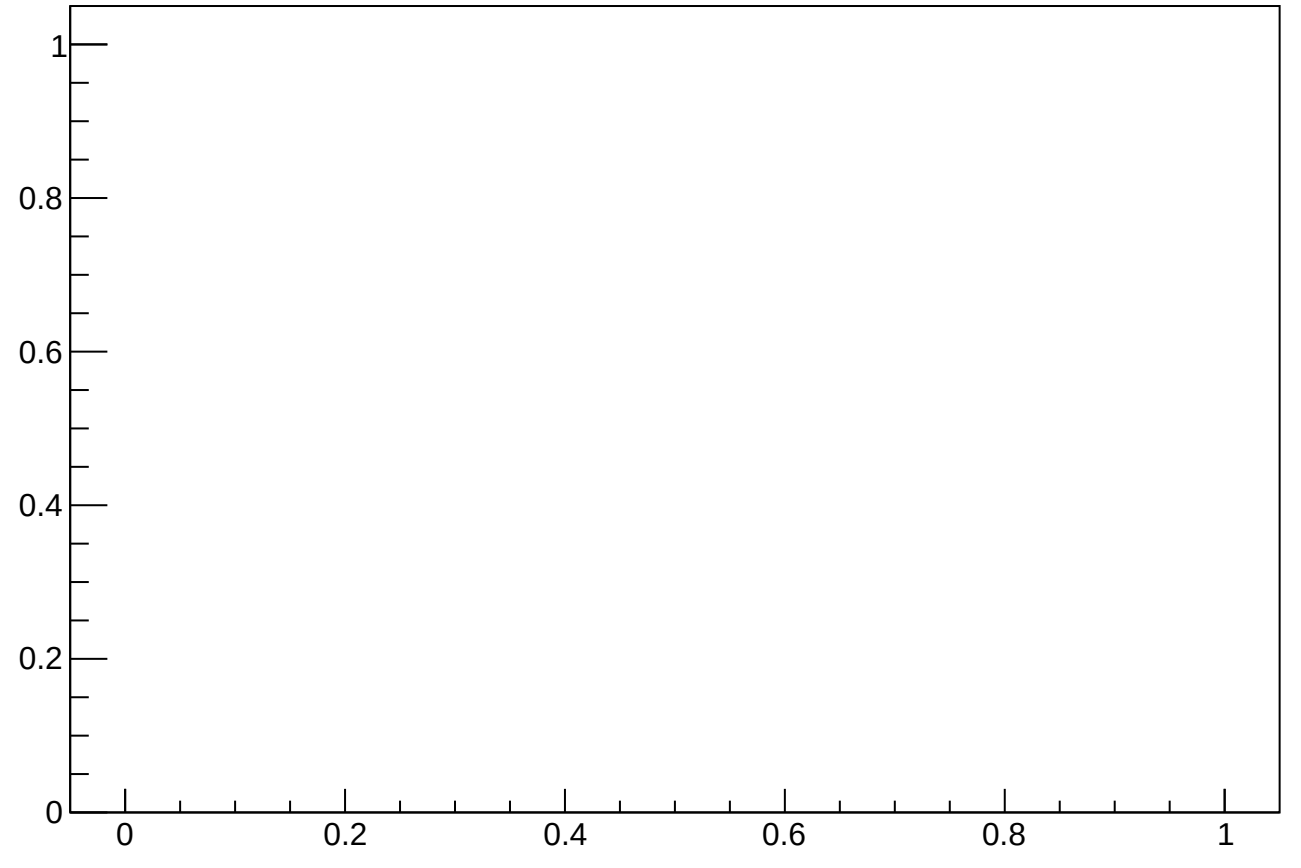
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

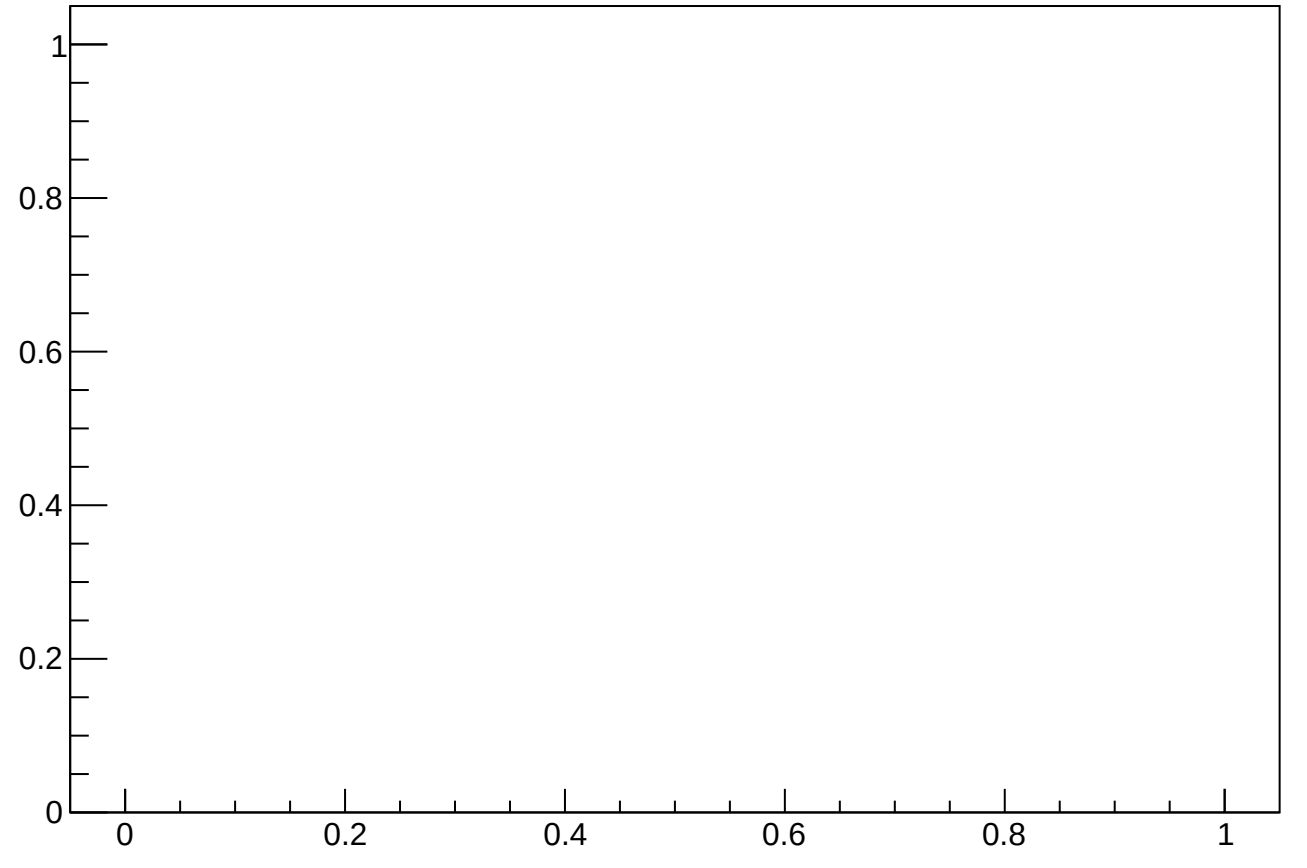
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

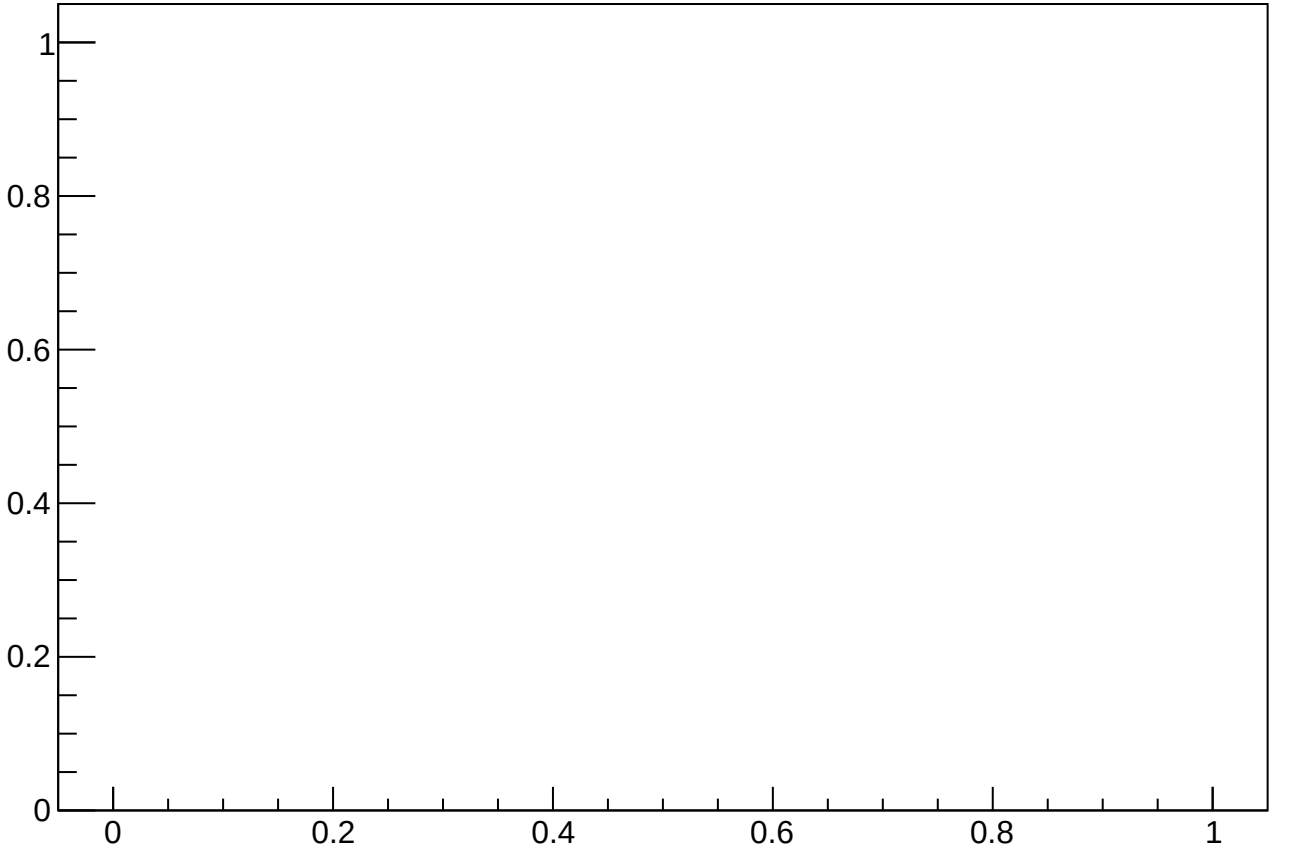
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

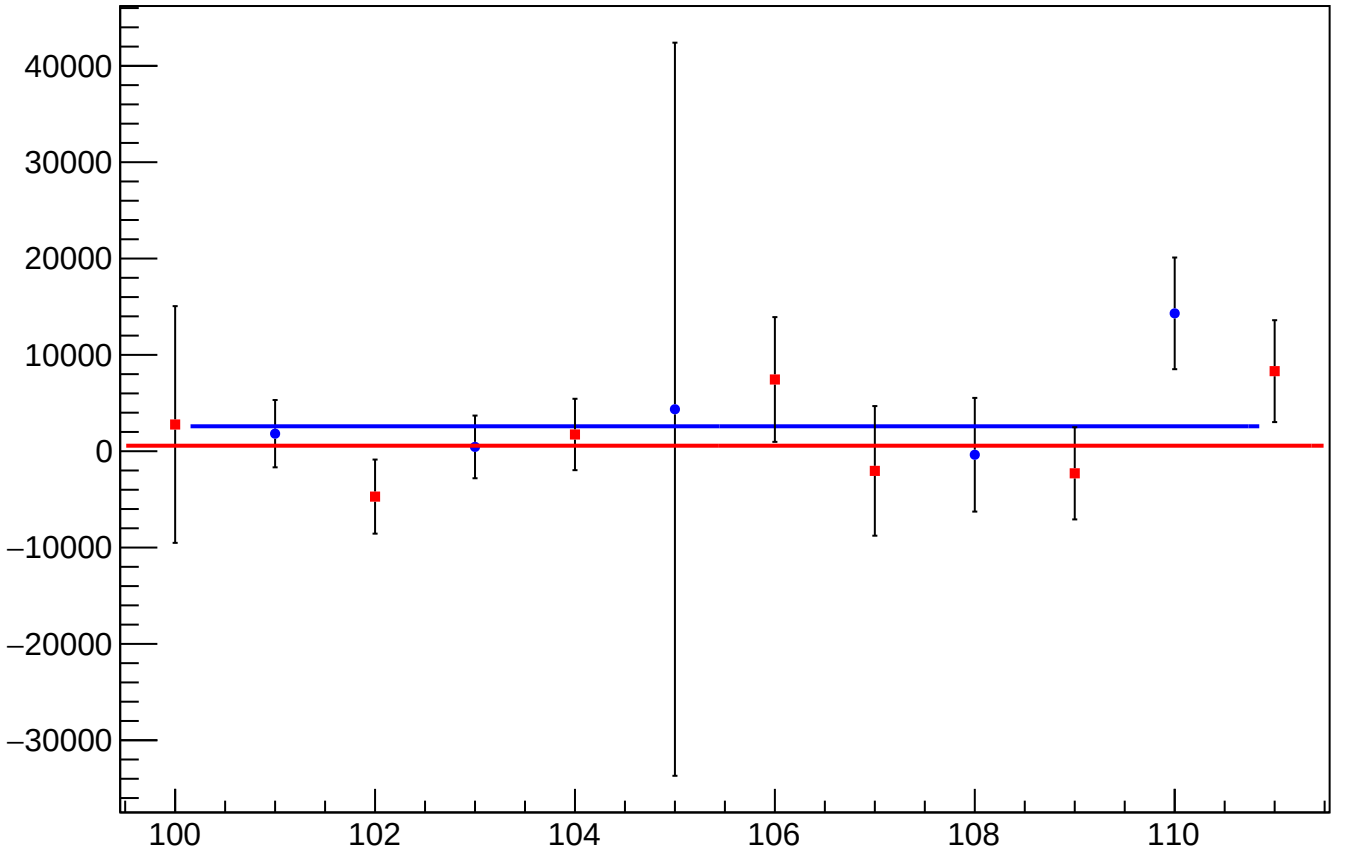
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: 2588.589+/-2060.055 χ^2/NDF: 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

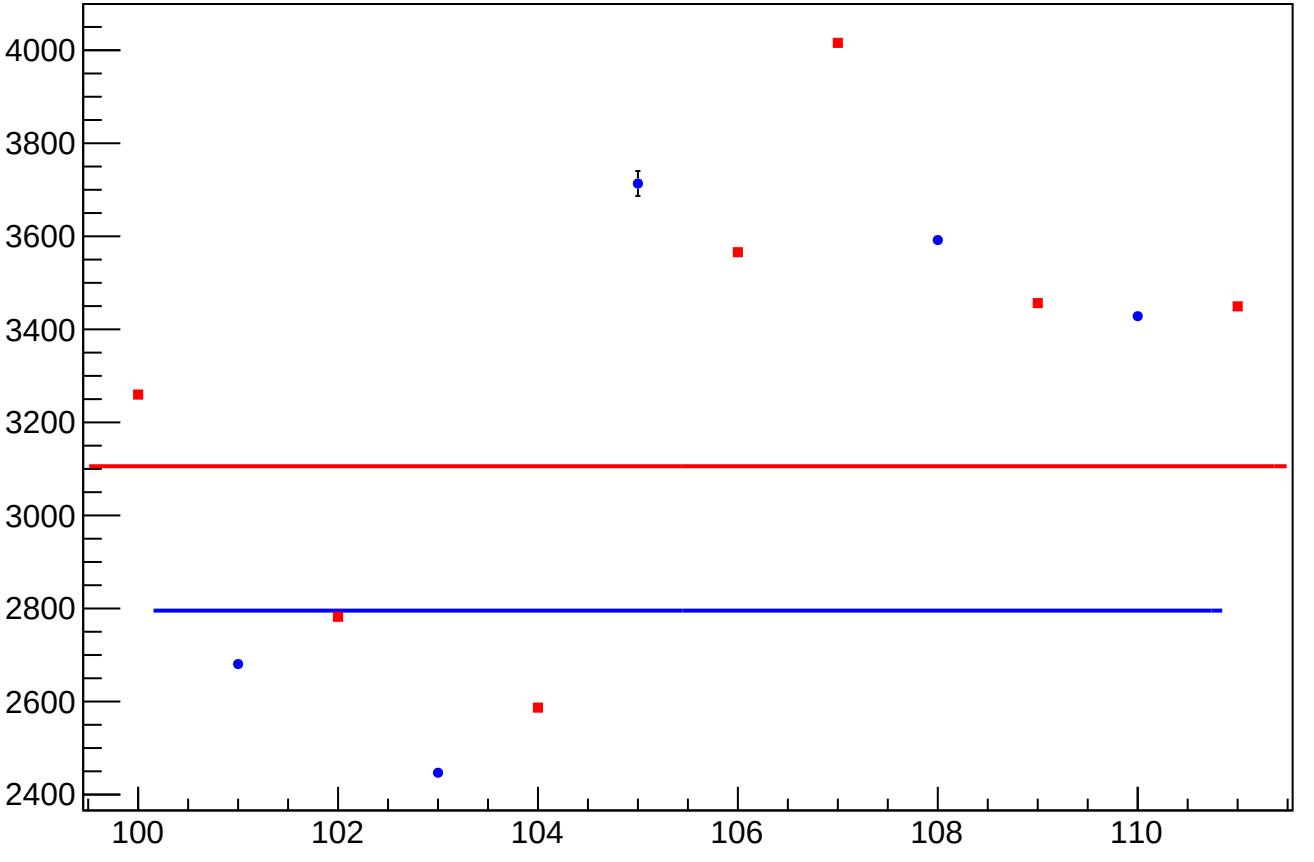
Right Out: 572.023+/-1915.616 χ^2/NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2588.589+/-2060.055 χ^2/NDF: 4.8/4

572.023+/-1915.616 χ^2/NDF: 5.8/6

reg_asym_atl1_rms vs slug



Right In: 2795.454+/-1.457 χ^2/NDF: 86570.8/4

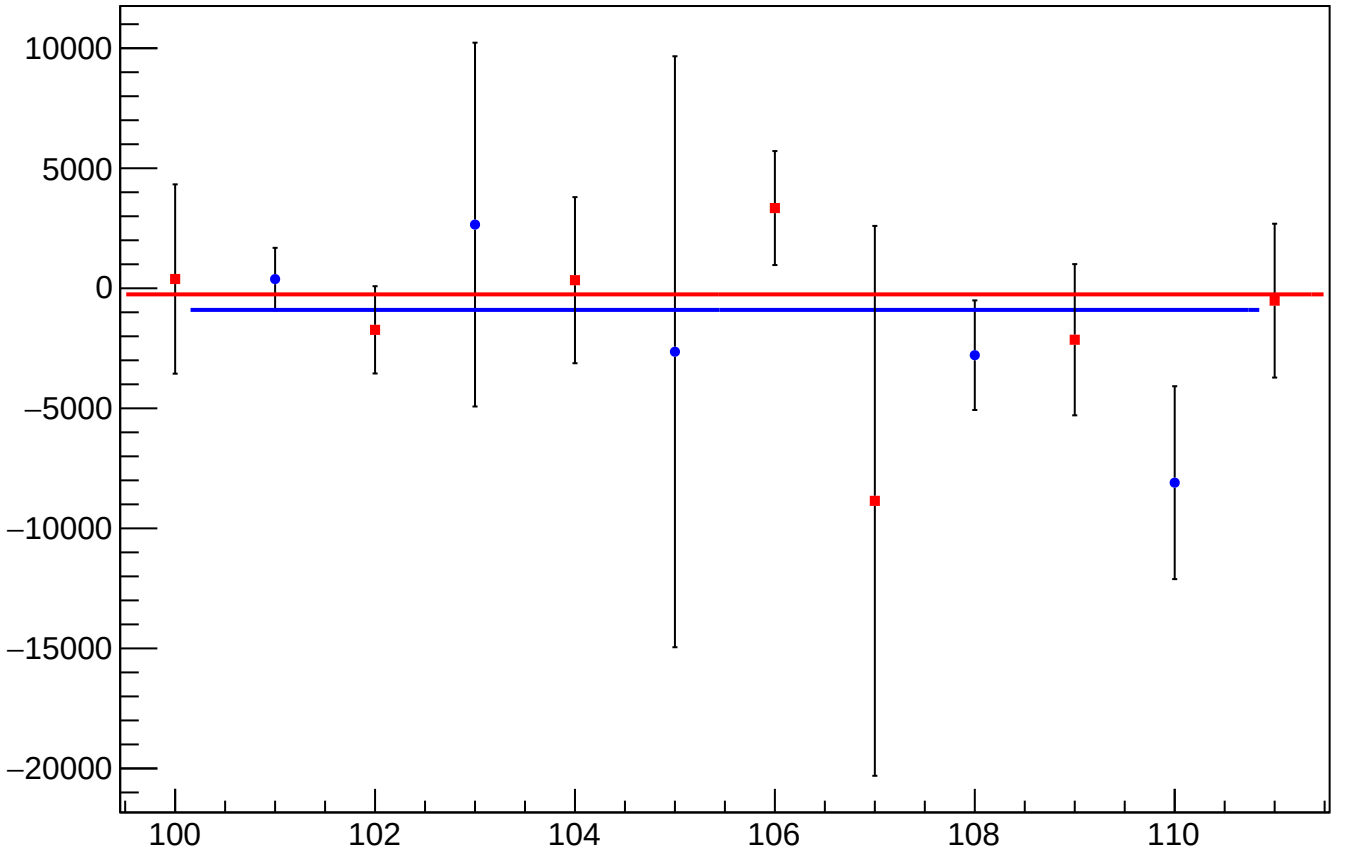
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3105.789+/-1.355 χ^2/NDF: 119578.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2795.454+/-1.457 χ^2/NDF: 86570.8/4

3105.789+/-1.355 χ^2/NDF: 119578.4/6



Right In: -900.237+/-1073.470 χ^2/NDF: 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

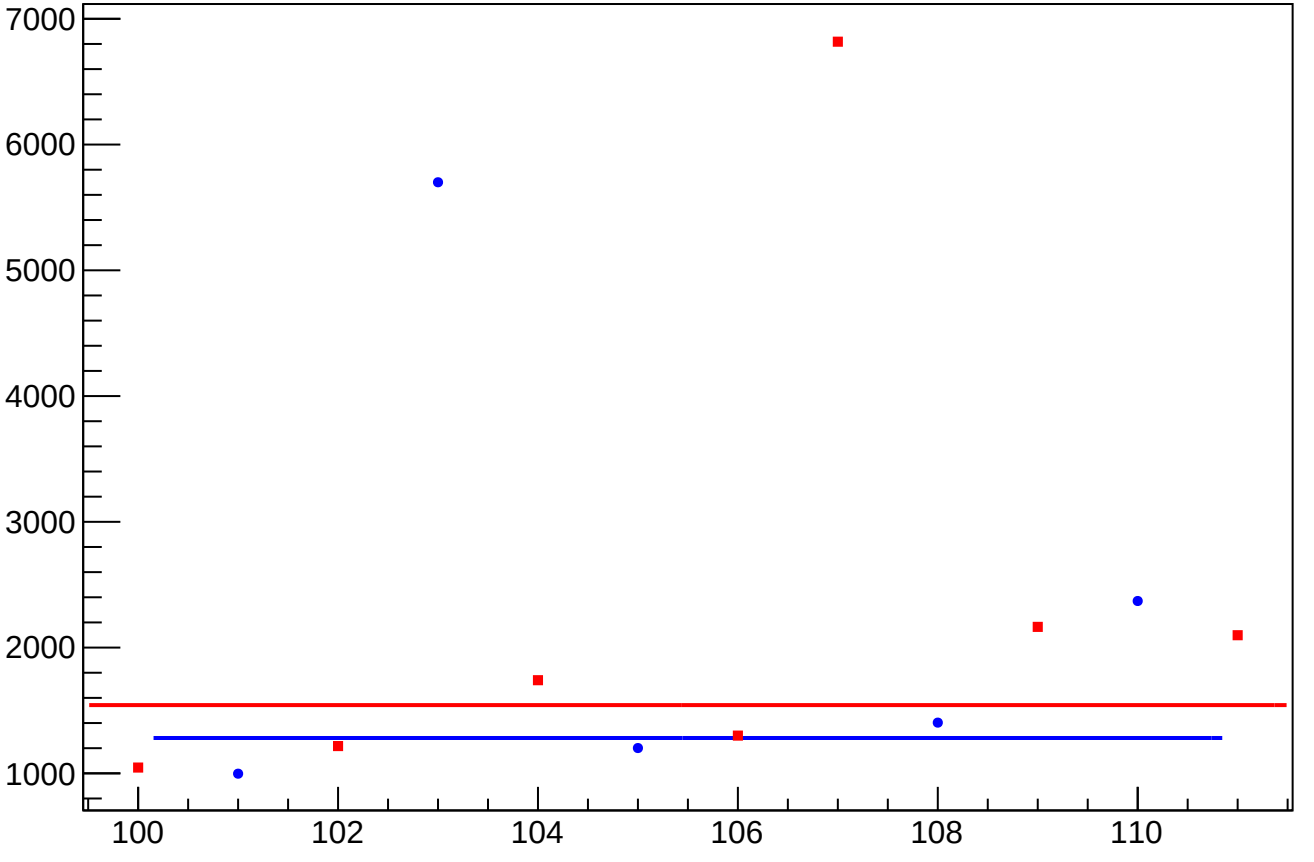
Right Out: -253.288+/-1095.114 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-900.237+/-1073.470 χ^2/NDF: 5.1/4

-253.288+/-1095.114 χ^2/NDF: 3.9/6

asym_atl1_correction_rms vs slug



Right In: 1281.056+/-0.759 χ^2/NDF: 928208.9/4

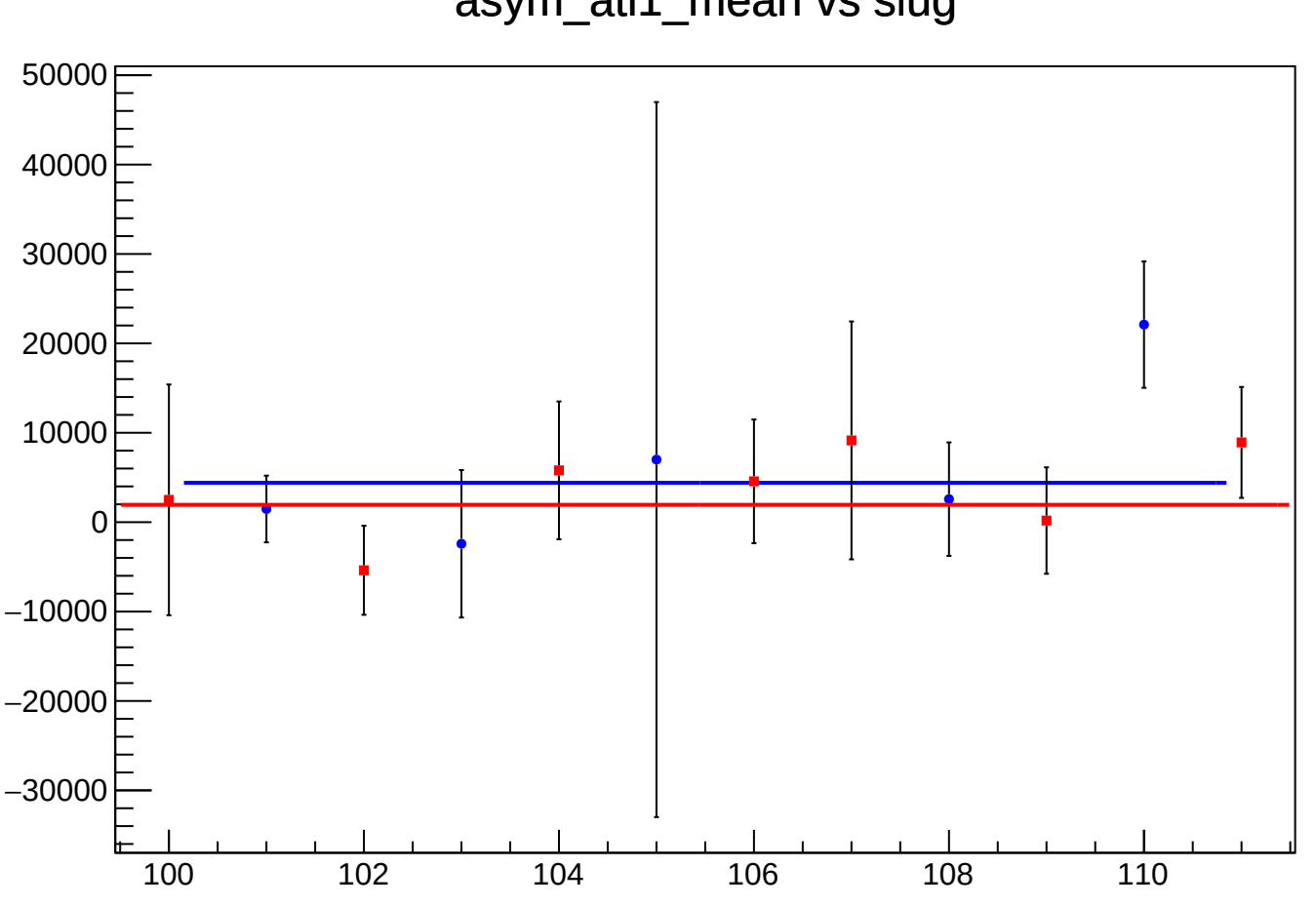
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1542.663+/-0.774 χ^2/NDF: 685938.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1281.056+/-0.759 χ^2/NDF: 928208.9/4

1542.663+/-0.774 χ^2/NDF: 685938.1/6



Right In: 4402.493+/-2752.699 χ^2/NDF: 7.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

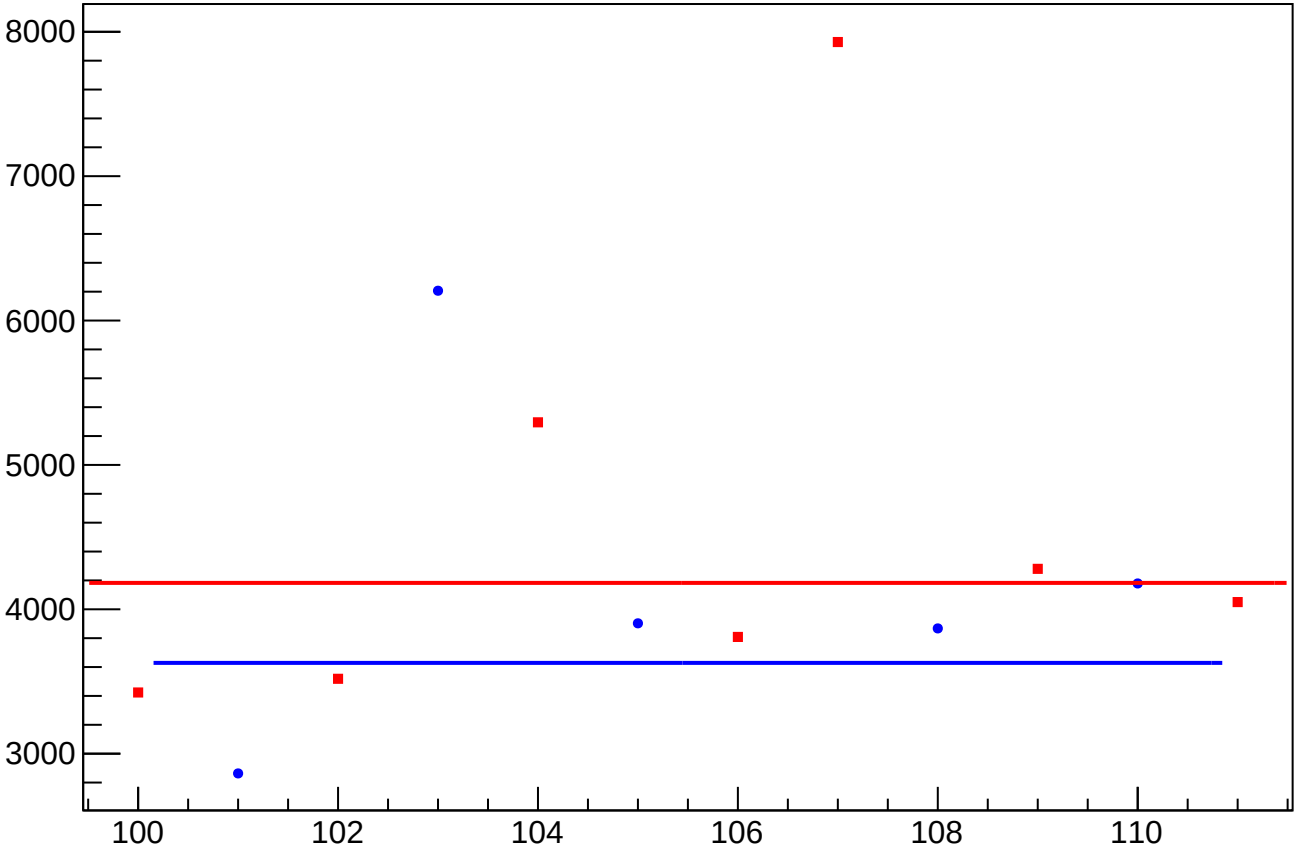
Right Out: 1940.278+/-2635.509 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4402.493+/-2752.699 χ^2/NDF: 7.7/4

1940.278+/-2635.509 χ^2/NDF: 4.2/6

asym_atl1_rms vs slug



Right In: 3628.861+/-1.946 χ^2/NDF: 294517.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

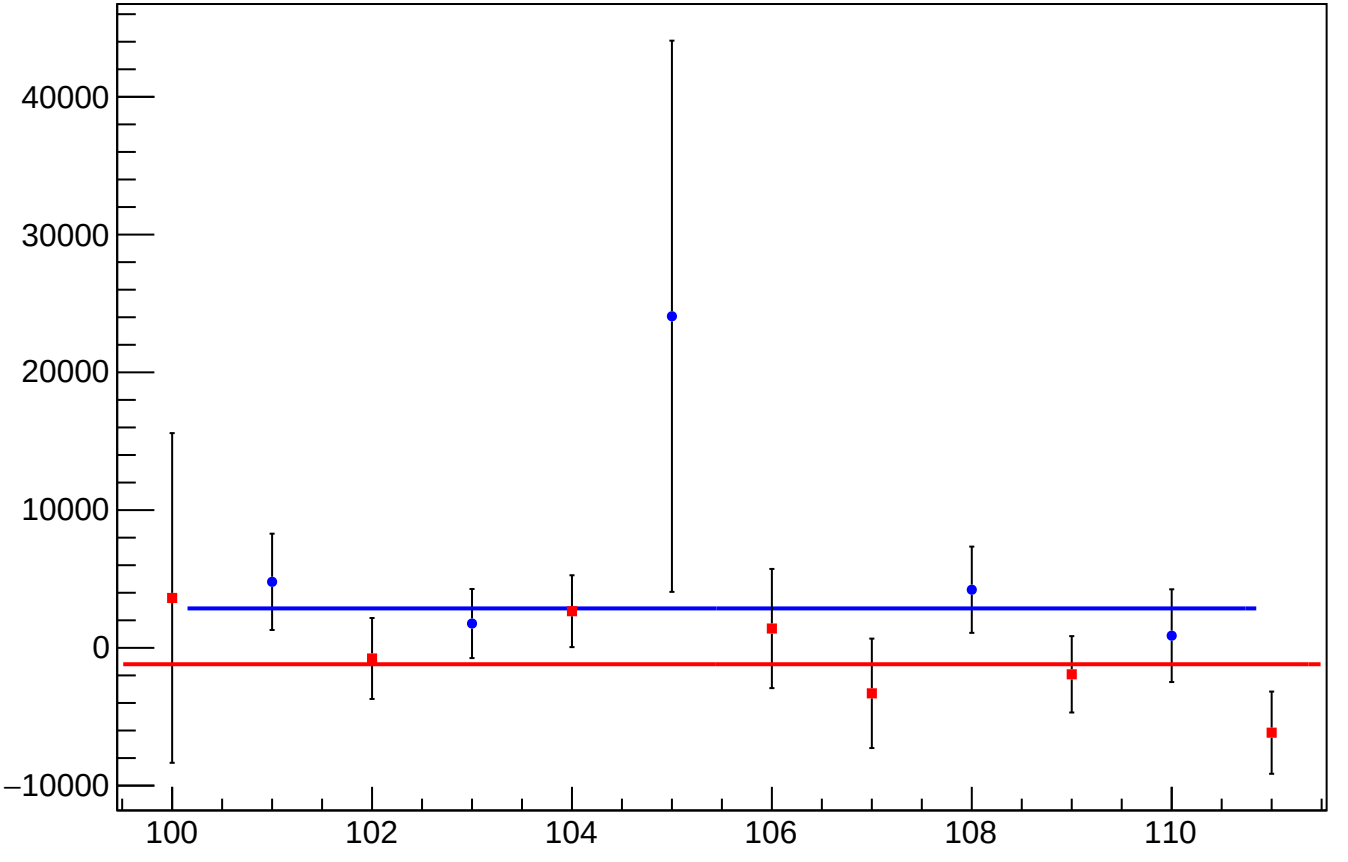
Right Out: 4182.884+/-1.864 χ^2/NDF: 250067.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3628.861+/-1.946 χ^2/NDF: 294517.3/4

4182.884+/-1.864 χ^2/NDF: 250067.6/6

reg_asym_atl2_mean vs slug



Right In: 2863.773+/-1518.605 χ^2/NDF: 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

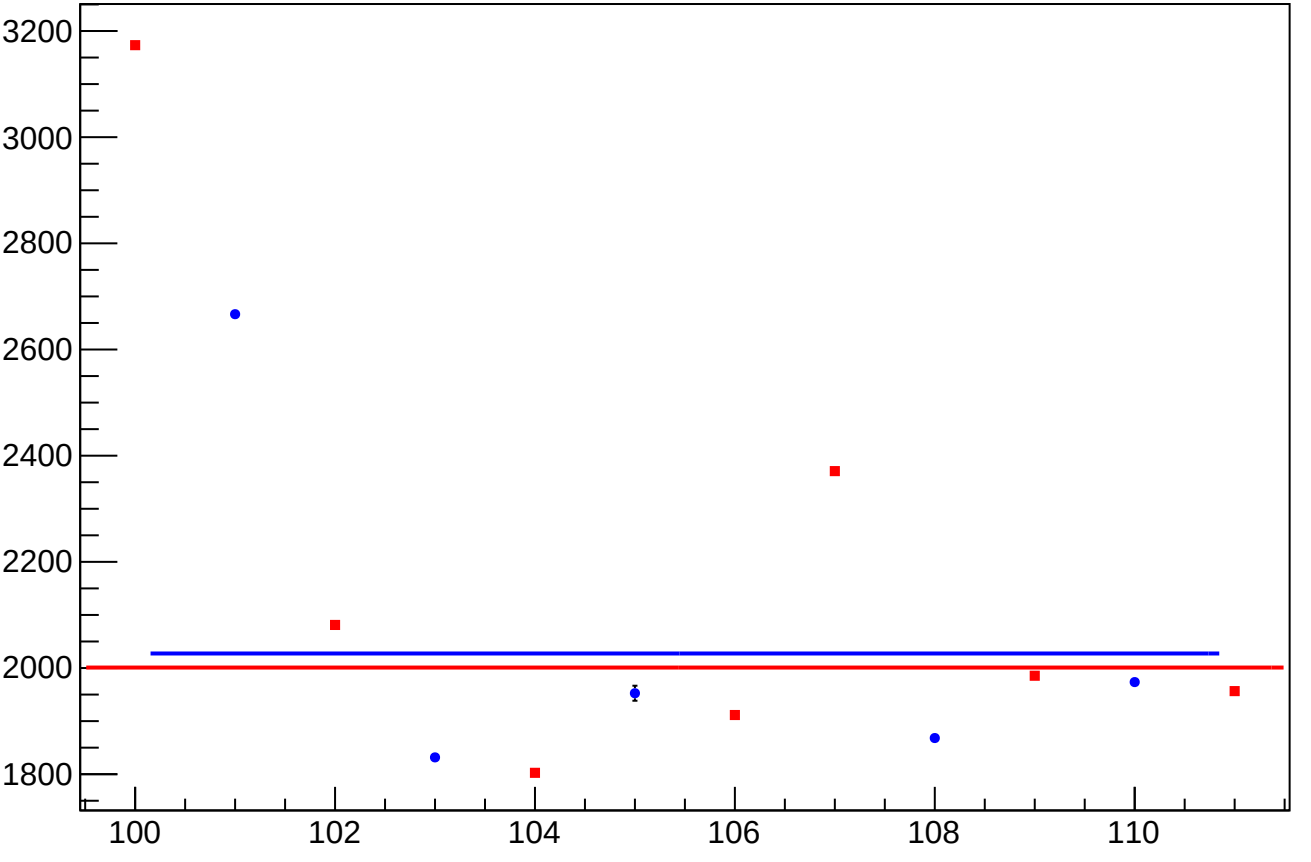
Right Out: -1188.804+/-1260.808 χ^2/NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2863.773+/-1518.605 χ^2/NDF: 2.2/4

-1188.804+/-1260.808 χ^2/NDF: 5.8/6

reg_asym_atl2_rms vs slug



Right In: 2027.400+/-1.074 χ^2/NDF: 84761.8/4

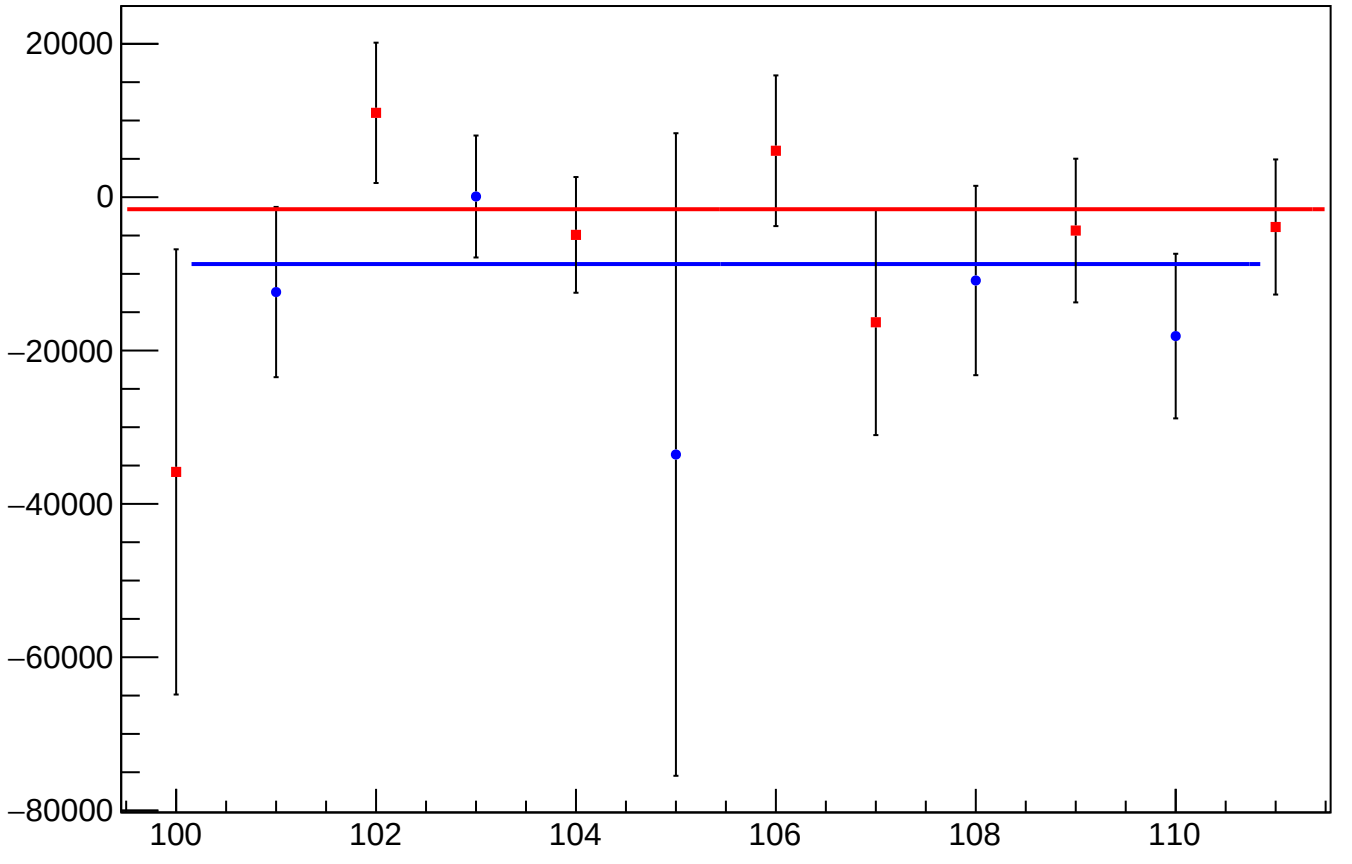
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2000.908+/-0.892 χ^2/NDF: 50967.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2027.400+/-1.074 χ^2/NDF: 84761.8/4

2000.908+/-0.892 χ^2/NDF: 50967.6/6



Right In: -8720.970+/-5016.760 χ^2/NDF: 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

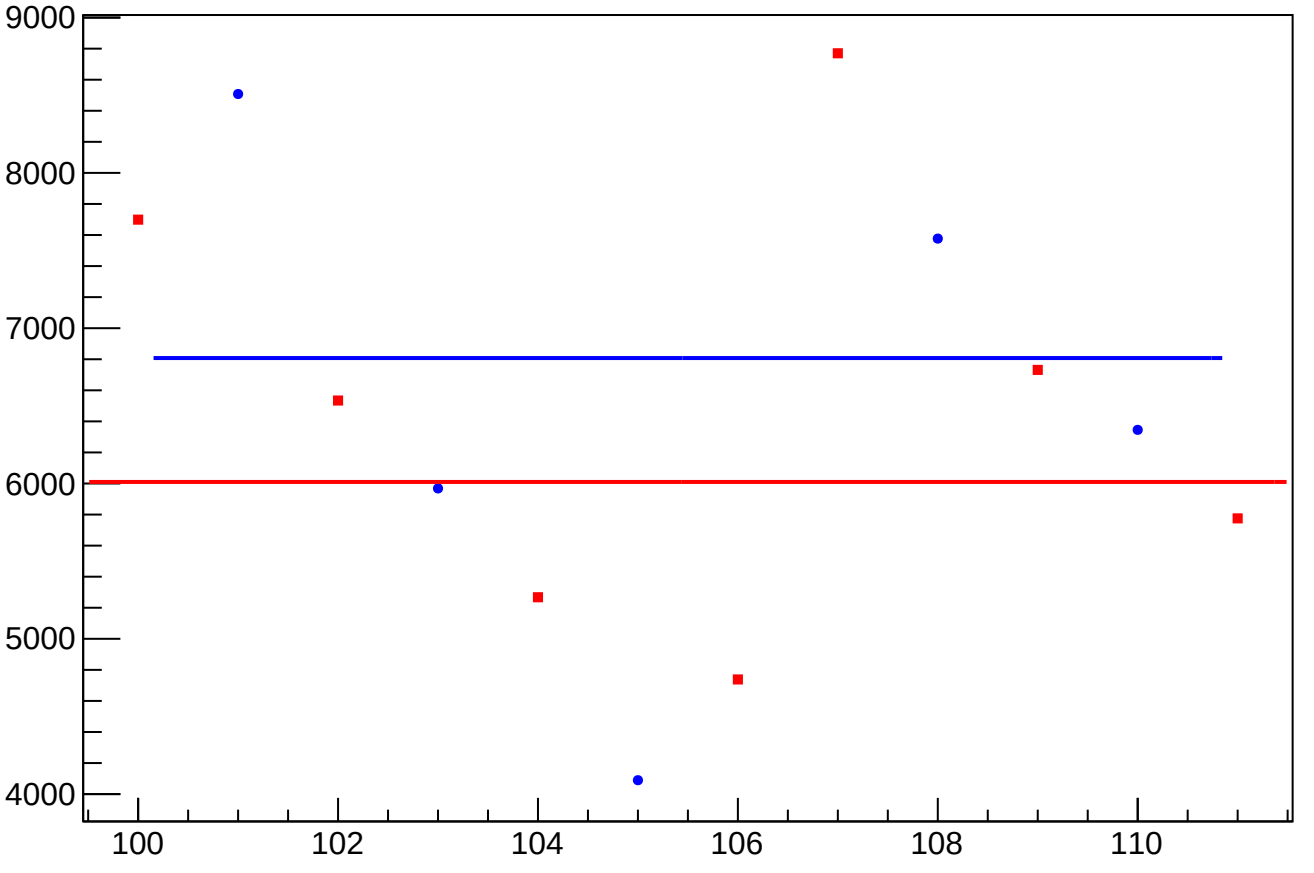
Right Out: -1568.518+/-3781.650 χ^2/NDF: 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-8720.970+/-5016.760 χ^2/NDF: 2.5/4

-1568.518+/-3781.650 χ^2/NDF: 5.2/6

asym_atl2_correction_rms vs slug



Right In: 6807.800+/-3.547 χ^2/NDF: 89069.8/4

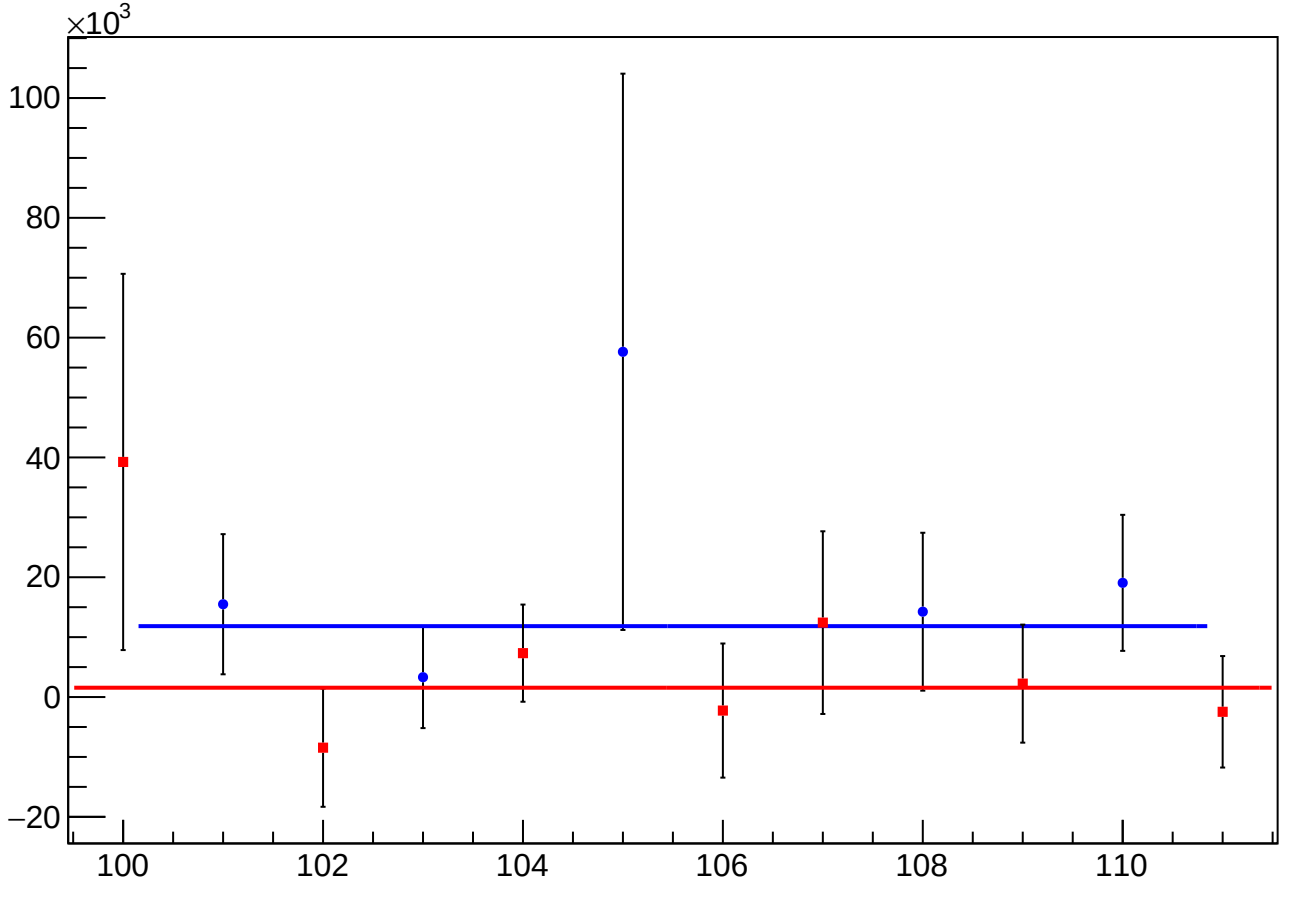
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6010.038+/-2.674 χ^2/NDF: 149808.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6807.800+/-3.547 χ^2/NDF: 89069.8/4

6010.038+/-2.674 χ^2/NDF: 149808.8/6



Right In: 11835.320+/-5335.580 χ^2/NDF: 2.5/4

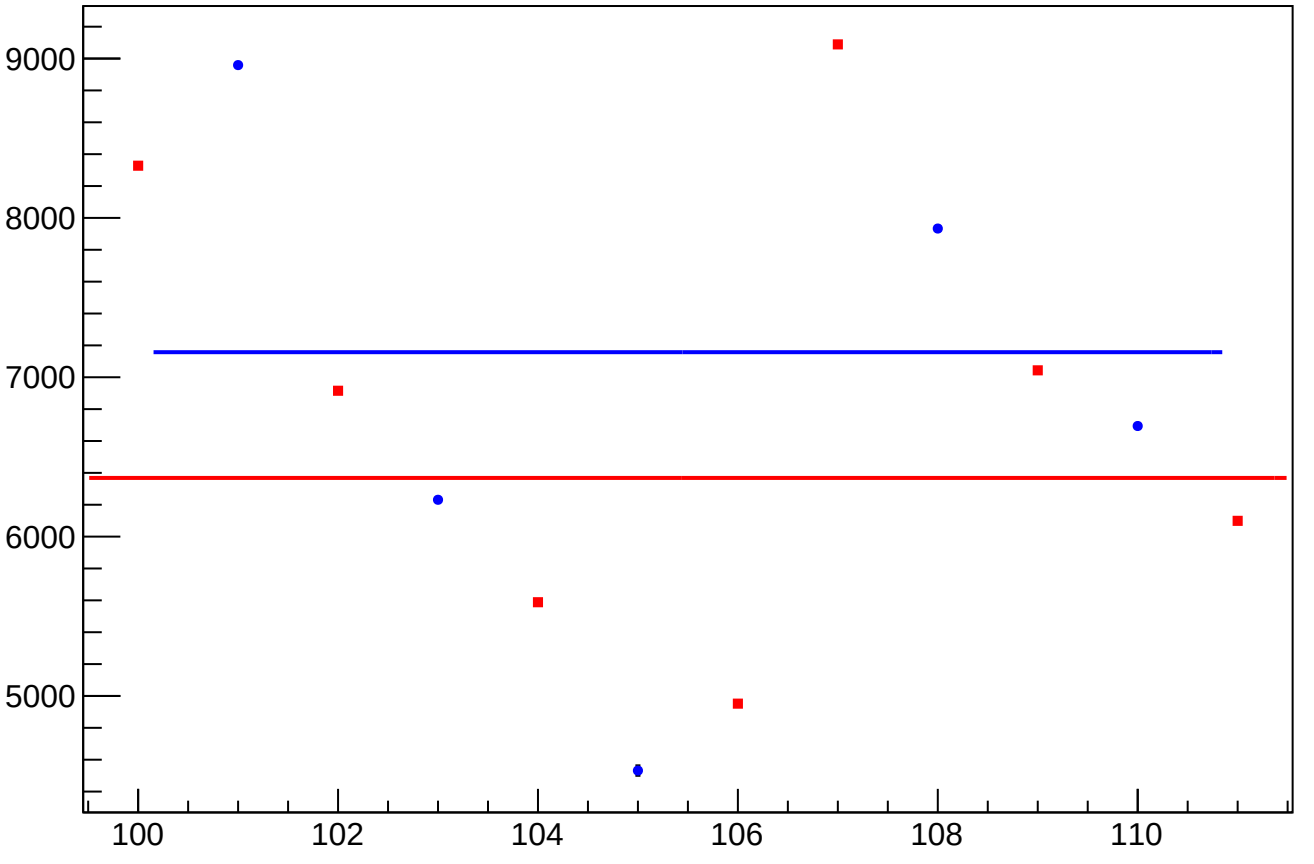
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1557.141+/-4061.734 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

11835.320+/-5335.580 χ^2/NDF: 2.5/4

1557.141+/-4061.734 χ^2/NDF: 3.8/6



Right In: 7157.323+/-3.773 χ^2/NDF: 87842.8/4

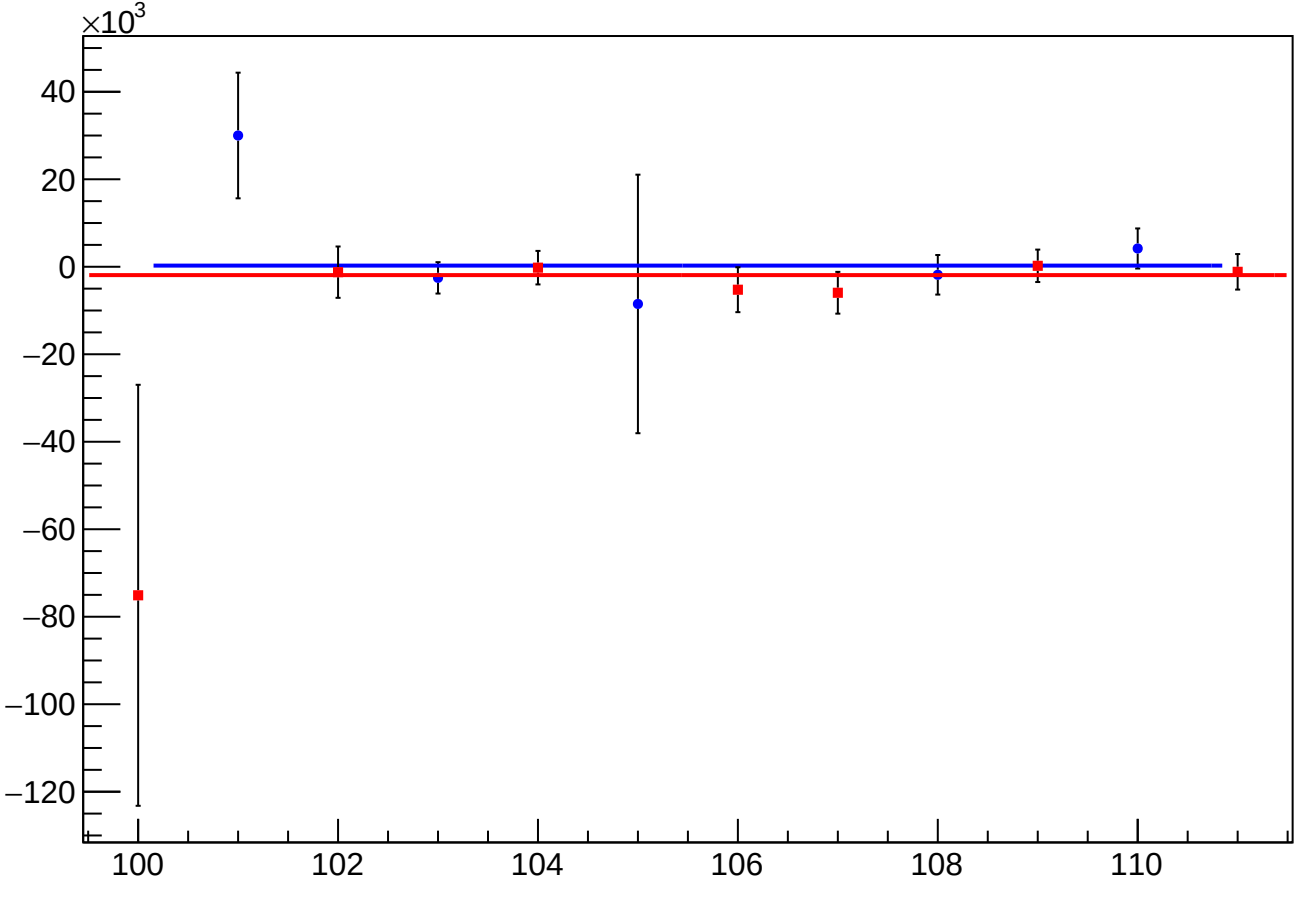
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6368.259+/-2.872 χ^2/NDF: 139200.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

7157.323+/-3.773 χ^2/NDF: 87842.8/4

6368.259+/-2.872 χ^2/NDF: 139200.1/6



Right In: 265.446+/-2354.928 χ^2/NDF: 5.9/4

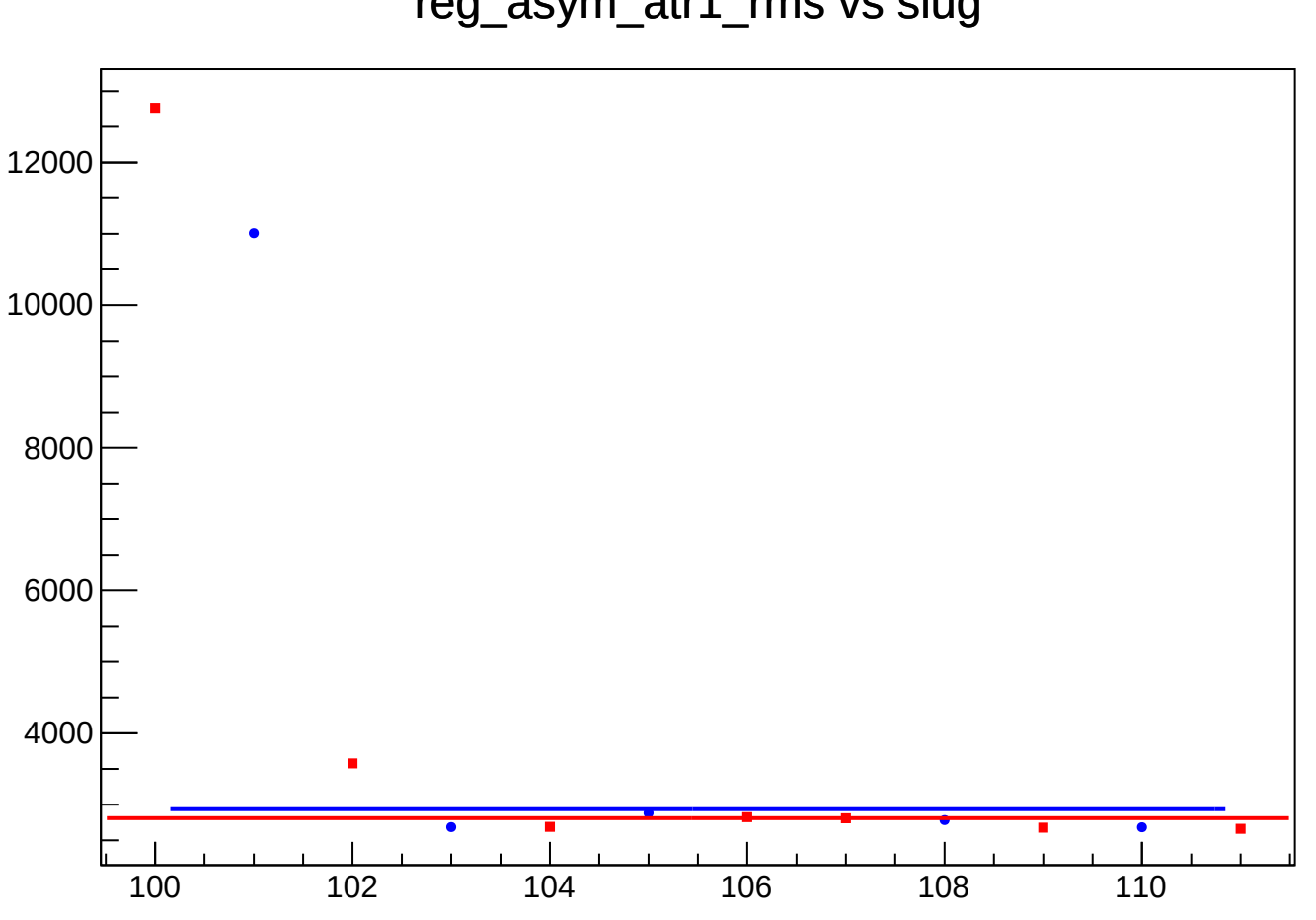
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1907.289+/-1787.730 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

265.446+/-2354.928 χ^2/NDF: 5.9/4

-1907.289+/-1787.730 χ^2/NDF: 4.0/6



Right In: 2936.788+/-1.665 χ^2/NDF: 650002.3/4

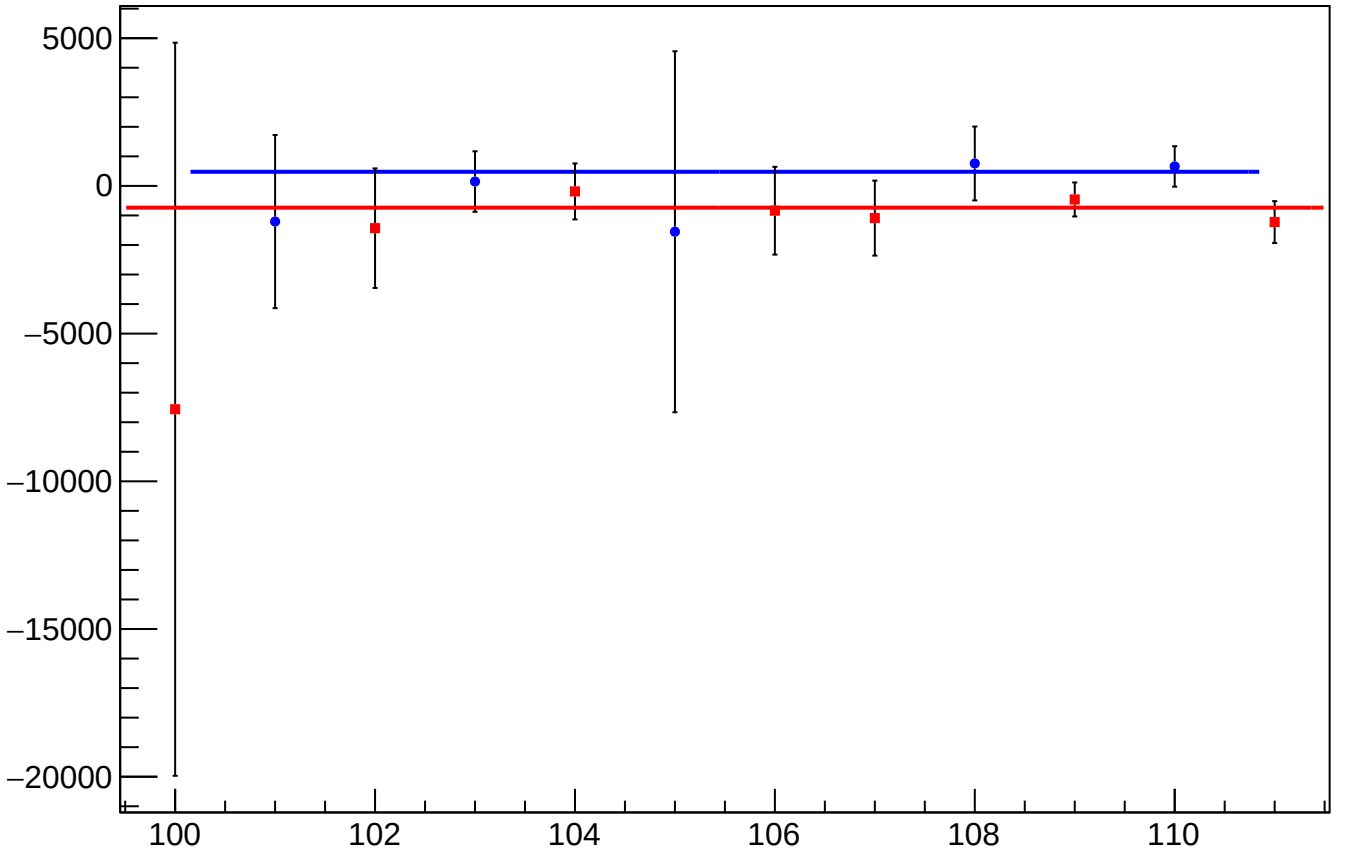
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2811.058+/-1.264 χ^2/NDF: 127086.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2936.788+/-1.665 χ^2/NDF: 650002.3/4

2811.058+/-1.264 χ^2/NDF: 127086.3/6



Right In: 478.134+/-508.965 χ^2/NDF: 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

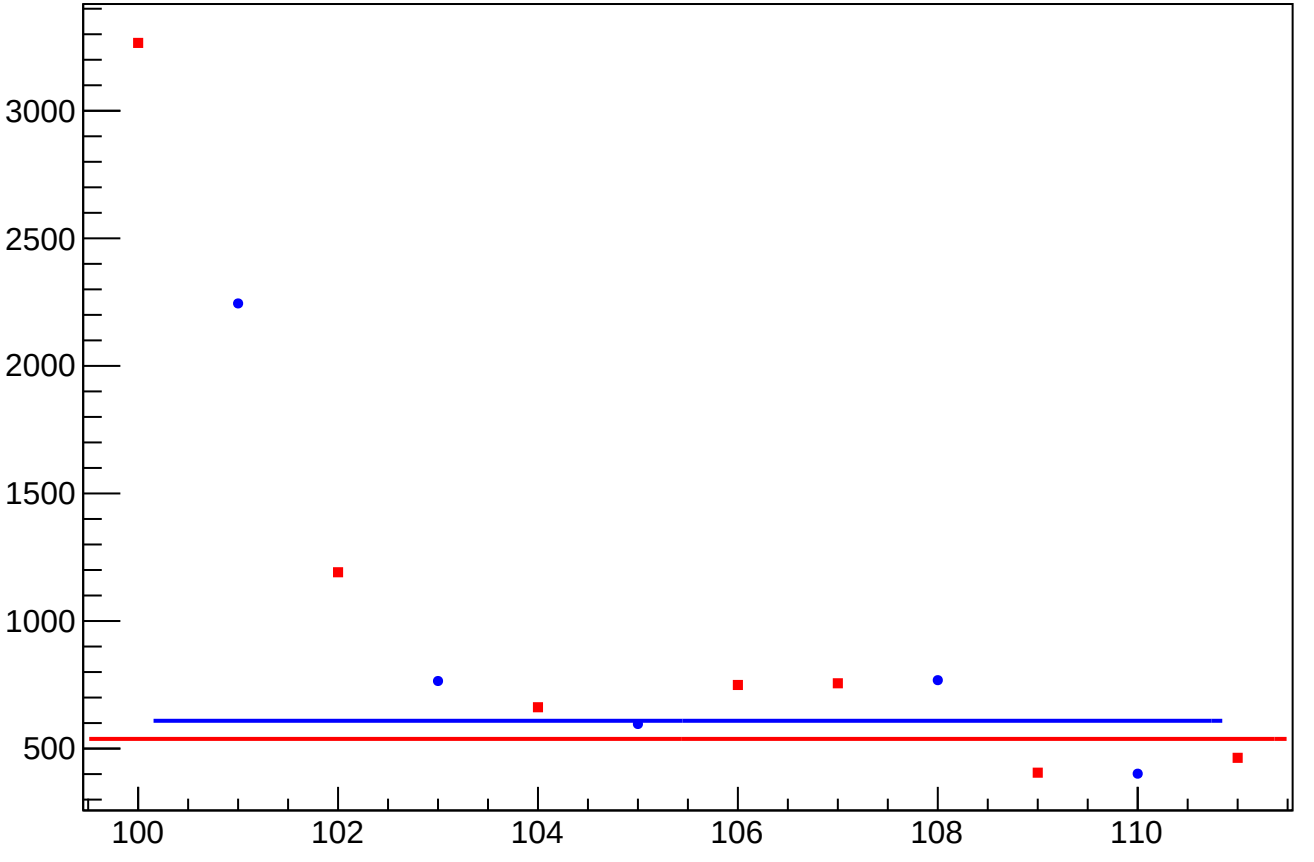
Right Out: -736.823+/-366.577 χ^2/NDF: 1.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

478.134+/-508.965 χ^2/NDF: 0.7/4

-736.823+/-366.577 χ^2/NDF: 1.5/6

asym_atr1_correction_rms vs slug



Right In: 608.944+/-0.360 χ^2/NDF: 884218.4/4

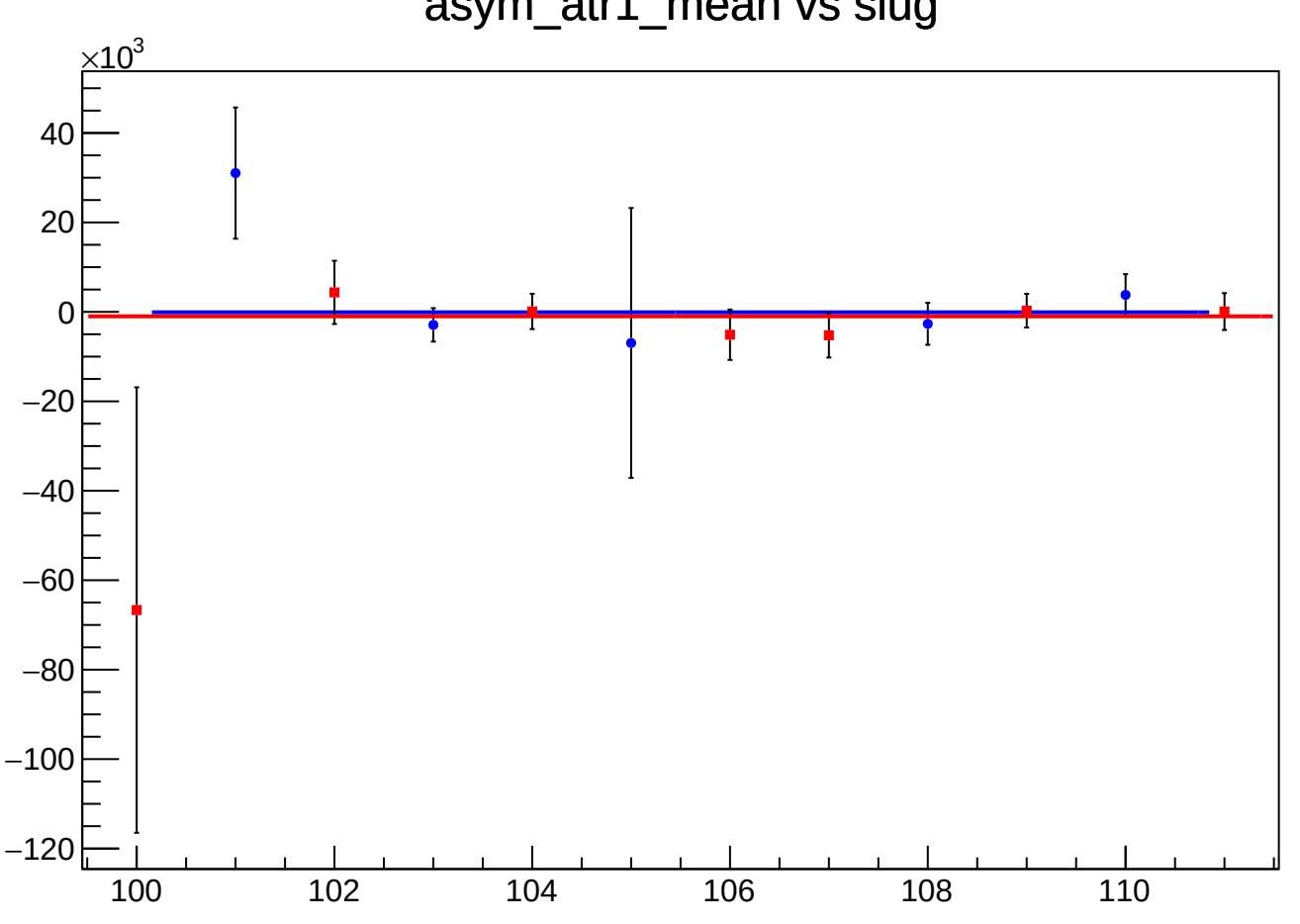
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 537.932+/-0.259 χ^2/NDF: 566531.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

608.944+/-0.360 χ^2/NDF: 884218.4/4

537.932+/-0.259 χ^2/NDF: 566531.4/6



Right In: -93.661+/-2431.720 χ^2/NDF: 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

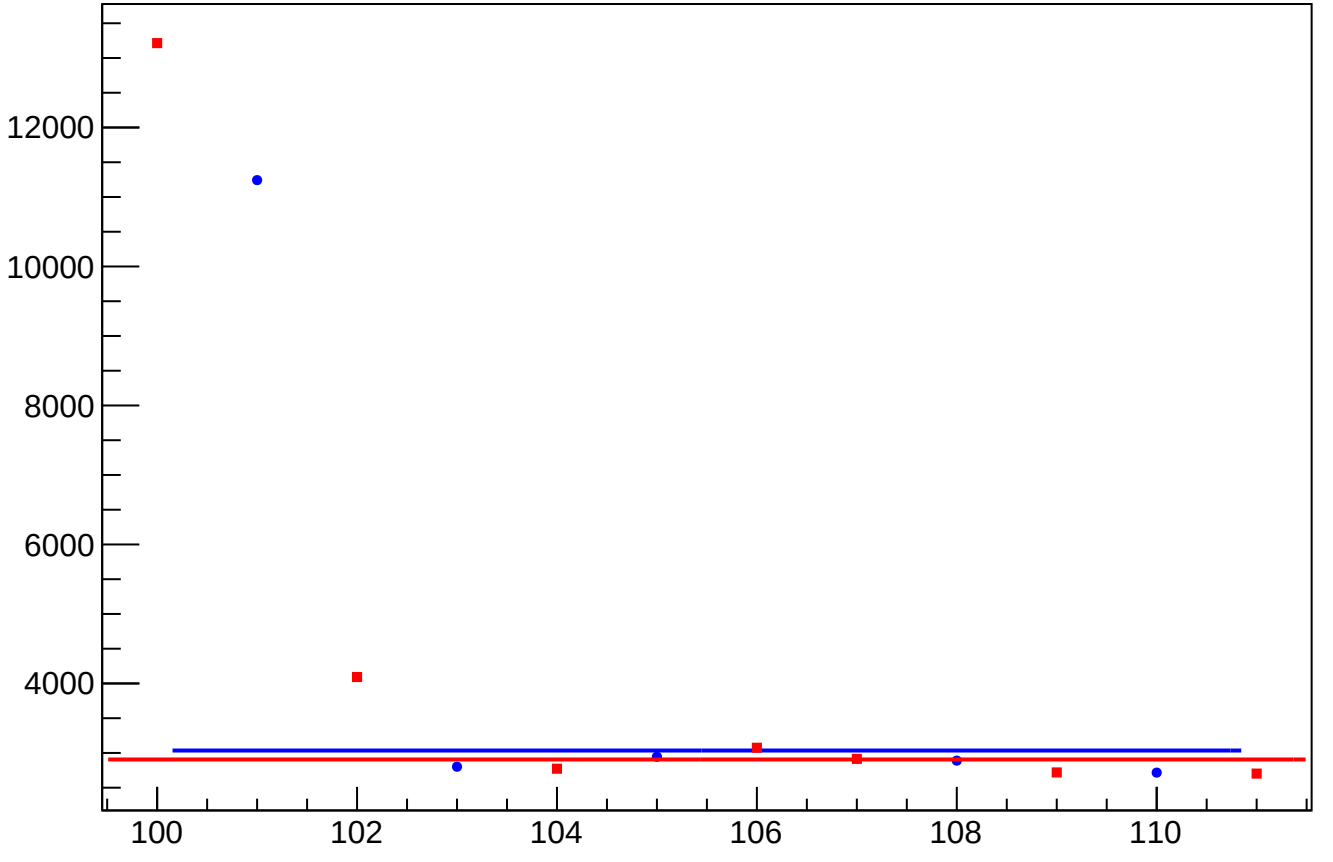
Right Out: -995.163+/-1869.365 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-93.661+/-2431.720 χ^2/NDF: 6.1/4

-995.163+/-1869.365 χ^2/NDF: 3.8/6

asym_atr1_rms vs slug



Right In: 3034.958+/-1.719 χ^2/NDF: 645524.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

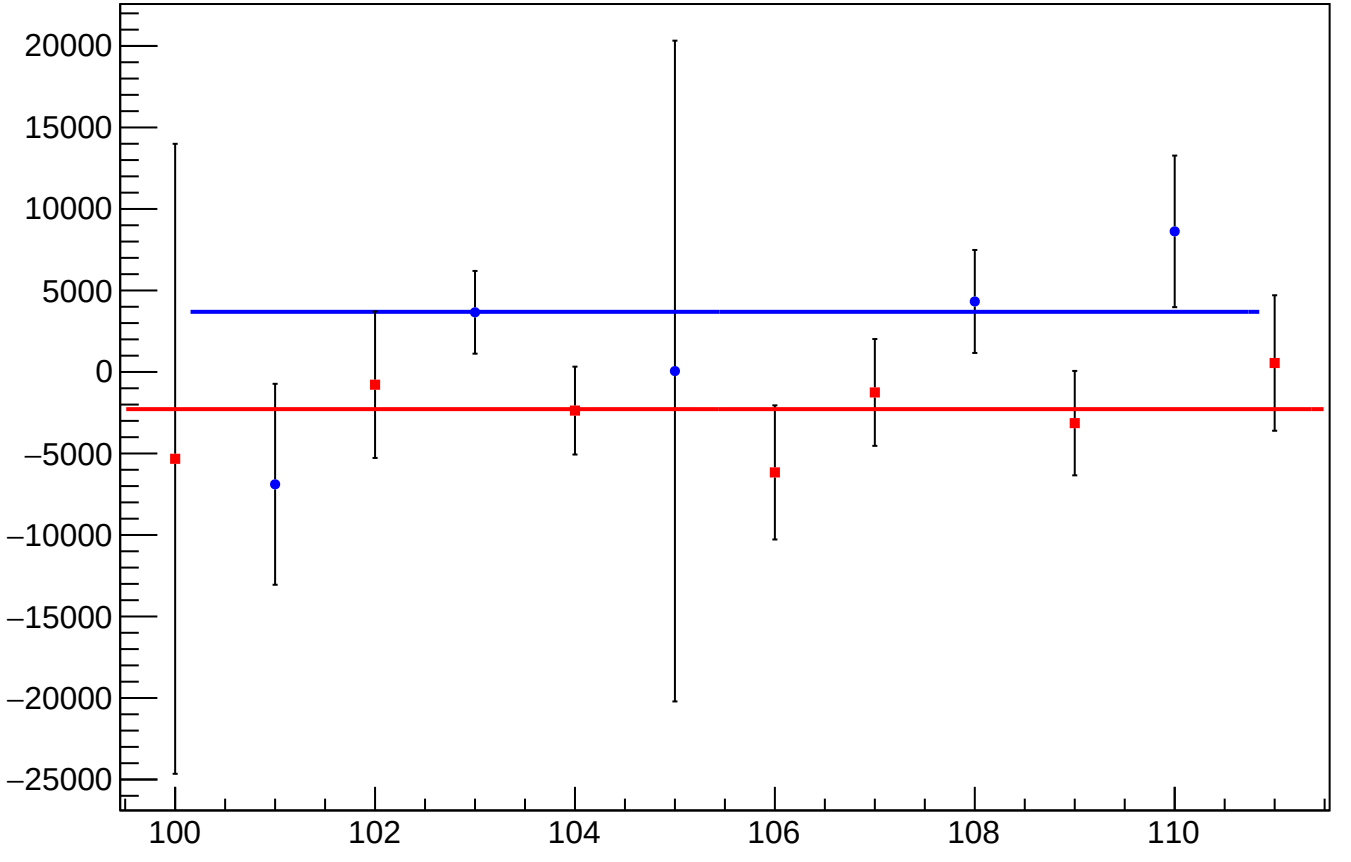
Right Out: 2905.990+/-1.322 χ^2/NDF: 155924.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3034.958+/-1.719 χ^2/NDF: 645524.2/4

2905.990+/-1.322 χ^2/NDF: 155924.6/6

reg_asym_atr2_mean vs slug



Right In: 3689.941+/-1739.383 χ^2/NDF: 4.1/4

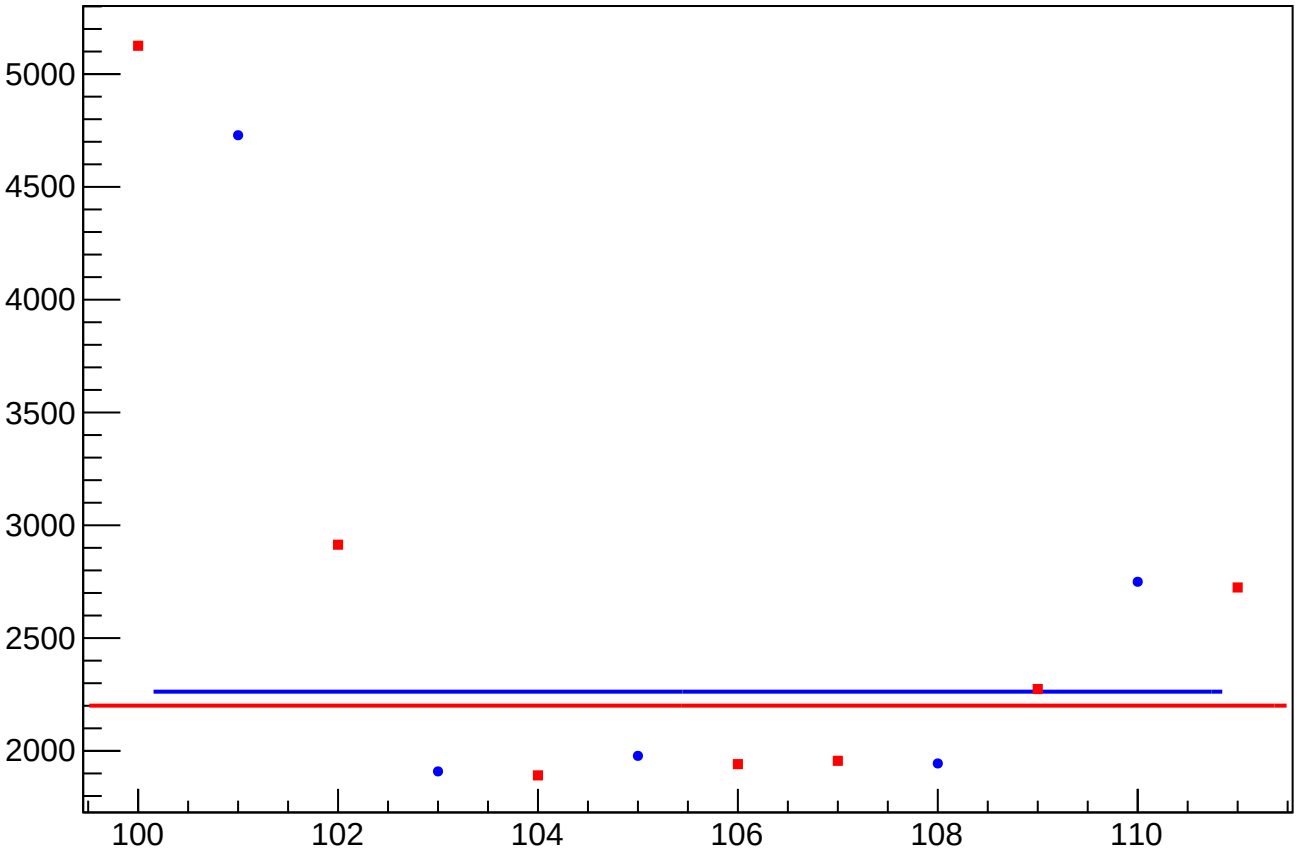
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2279.717+/-1417.828 χ^2/NDF: 1.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3689.941+/-1739.383 χ^2/NDF: 4.1/4

-2279.717+/-1417.828 χ^2/NDF: 1.7/6



Right In: 2262.543+/-1.230 χ^2/NDF: 401769.1/4

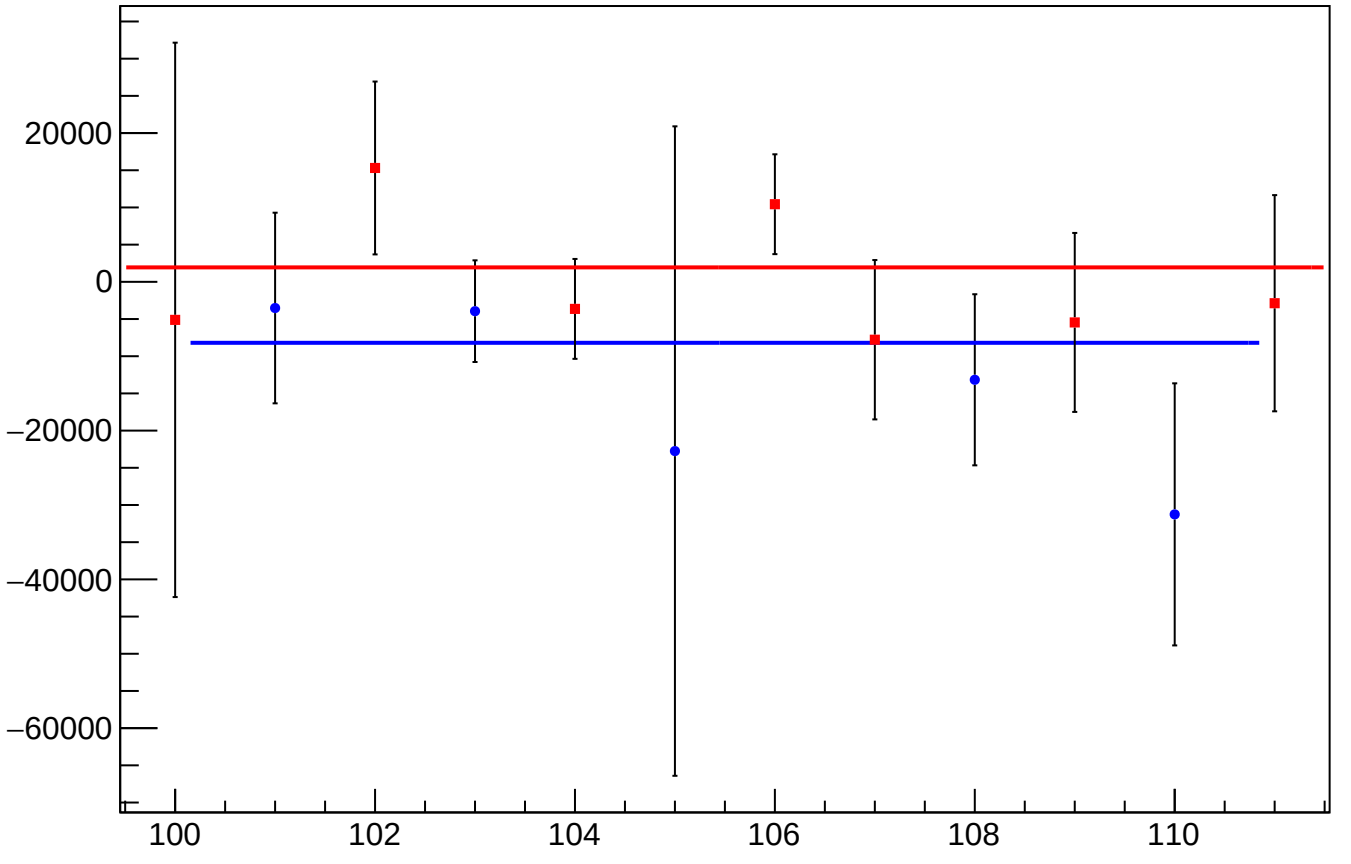
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2200.610+/-1.003 χ^2/NDF: 174449.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2262.543+/-1.230 χ^2/NDF: 401769.1/4

2200.610+/-1.003 χ^2/NDF: 174449.0/6



Right In: -8196.224+/-5076.097 χ^2/NDF: 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

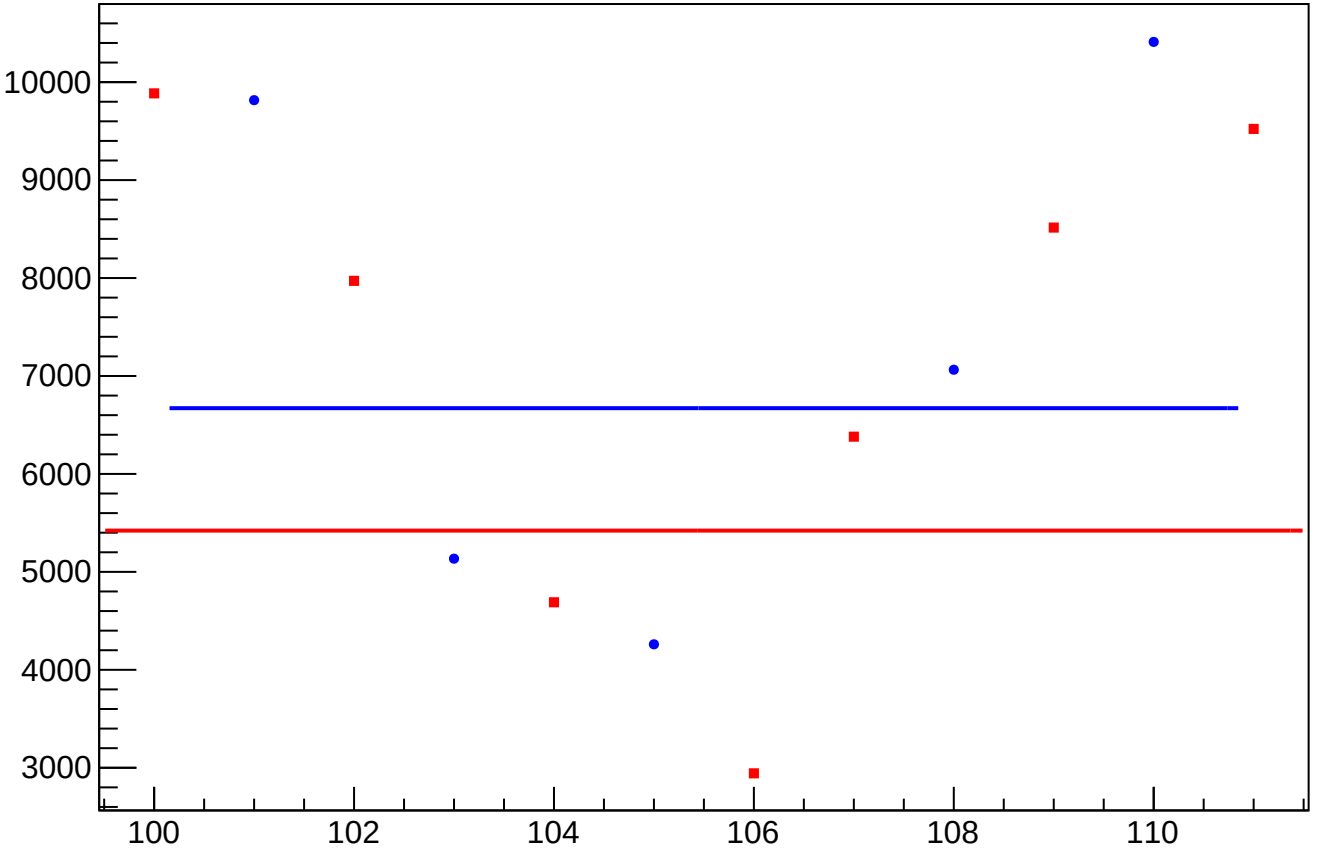
Right Out: 1942.119+/-3704.516 χ^2/NDF: 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-8196.224+/-5076.097 χ^2/NDF: 2.5/4

1942.119+/-3704.516 χ^2/NDF: 5.0/6

asym_atr2_correction_rms vs slug



Right In: 6671.330+/-3.589 χ^2/NDF: 320105.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

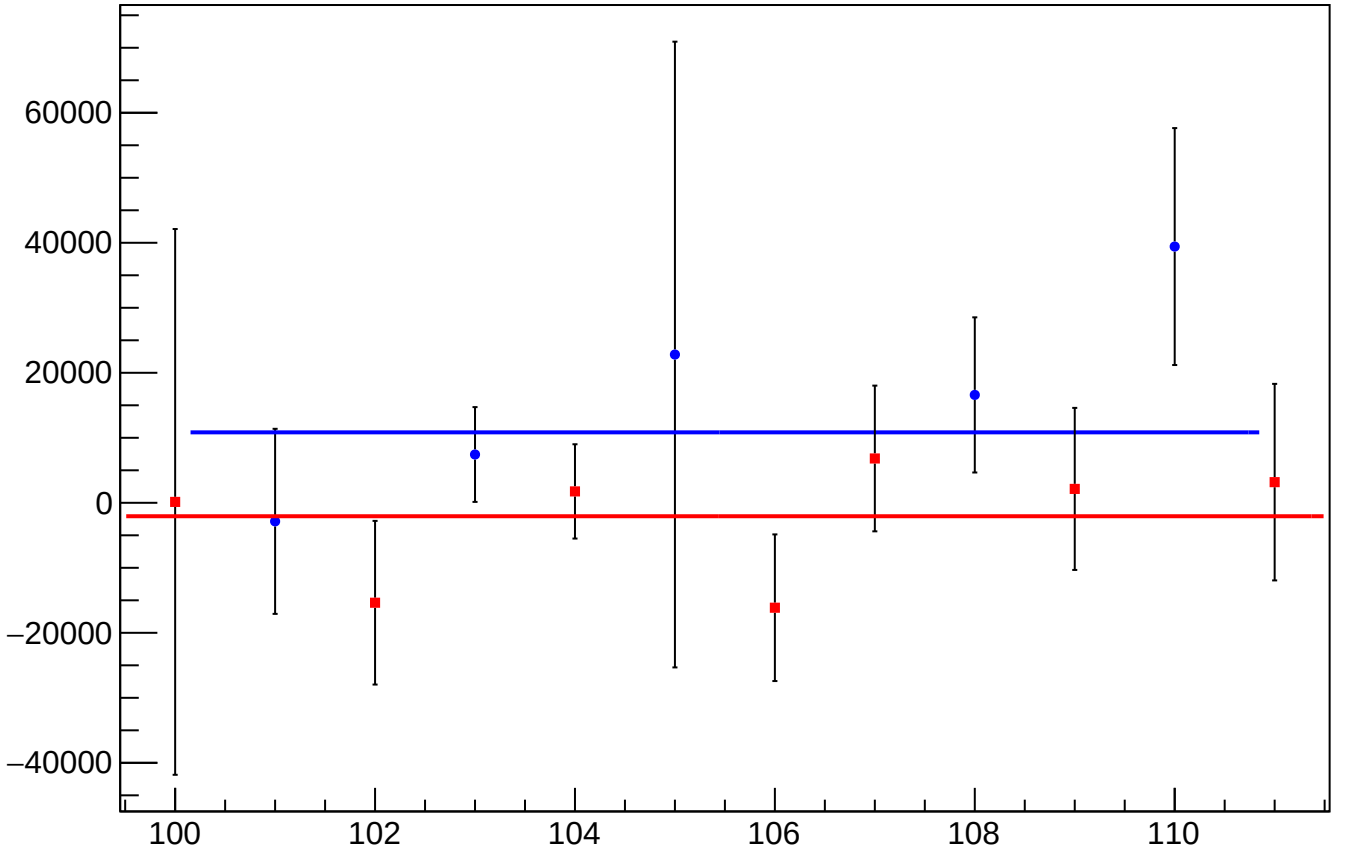
Right Out: 5421.460+/-2.619 χ^2/NDF: 729018.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6671.330+/-3.589 χ^2/NDF: 320105.6/4

5421.460+/-2.619 χ^2/NDF: 729018.6/6

asym_atr2_mean vs slug



Right In: 10837.980+/-5406.795 χ^2/NDF: 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

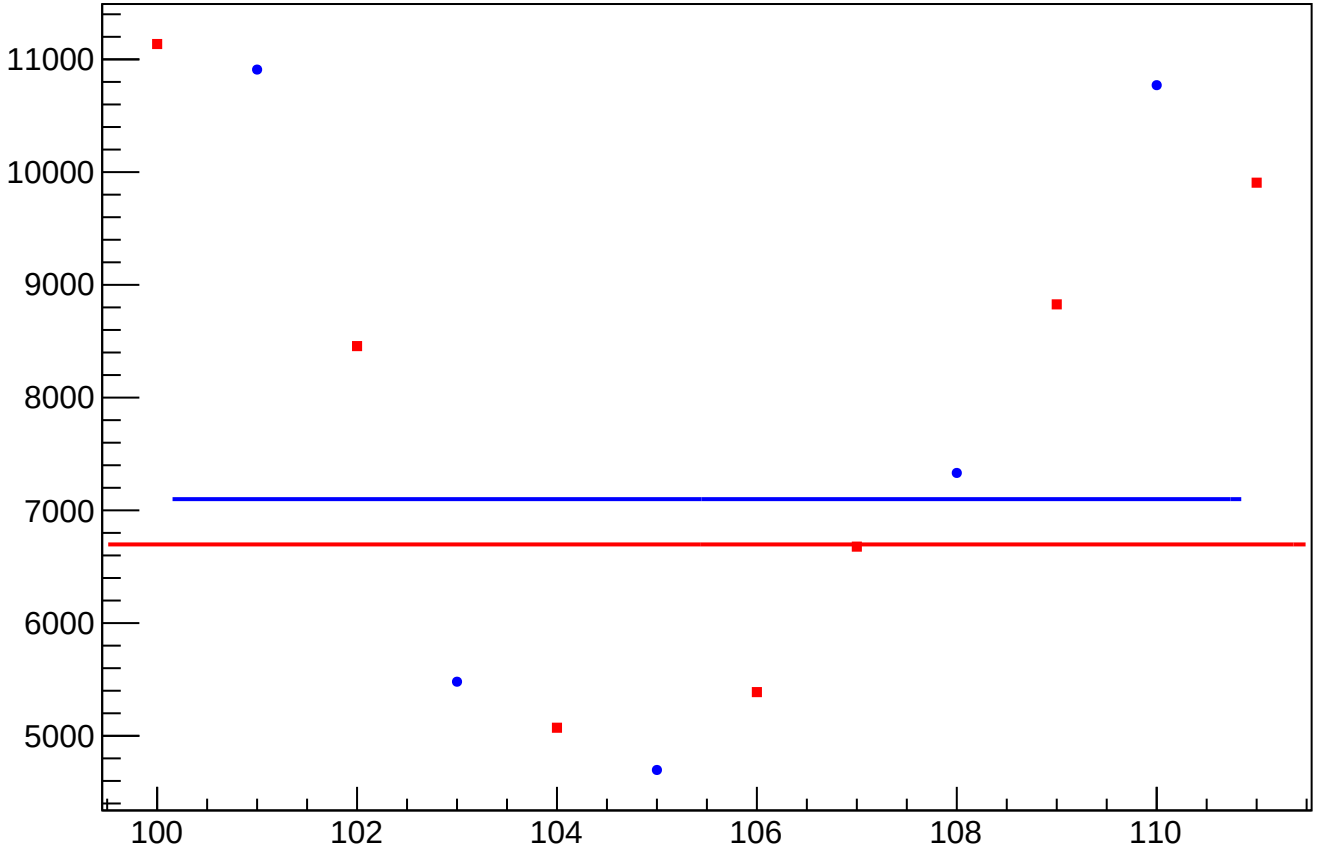
Right Out: -2066.019+/-4363.468 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

10837.980+/-5406.795 χ^2/NDF: 3.9/4

-2066.019+/-4363.468 χ^2/NDF: 3.8/6

asym_atr2_rms vs slug



Right In: 7099.405+/-3.823 χ^2/NDF: 328854.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

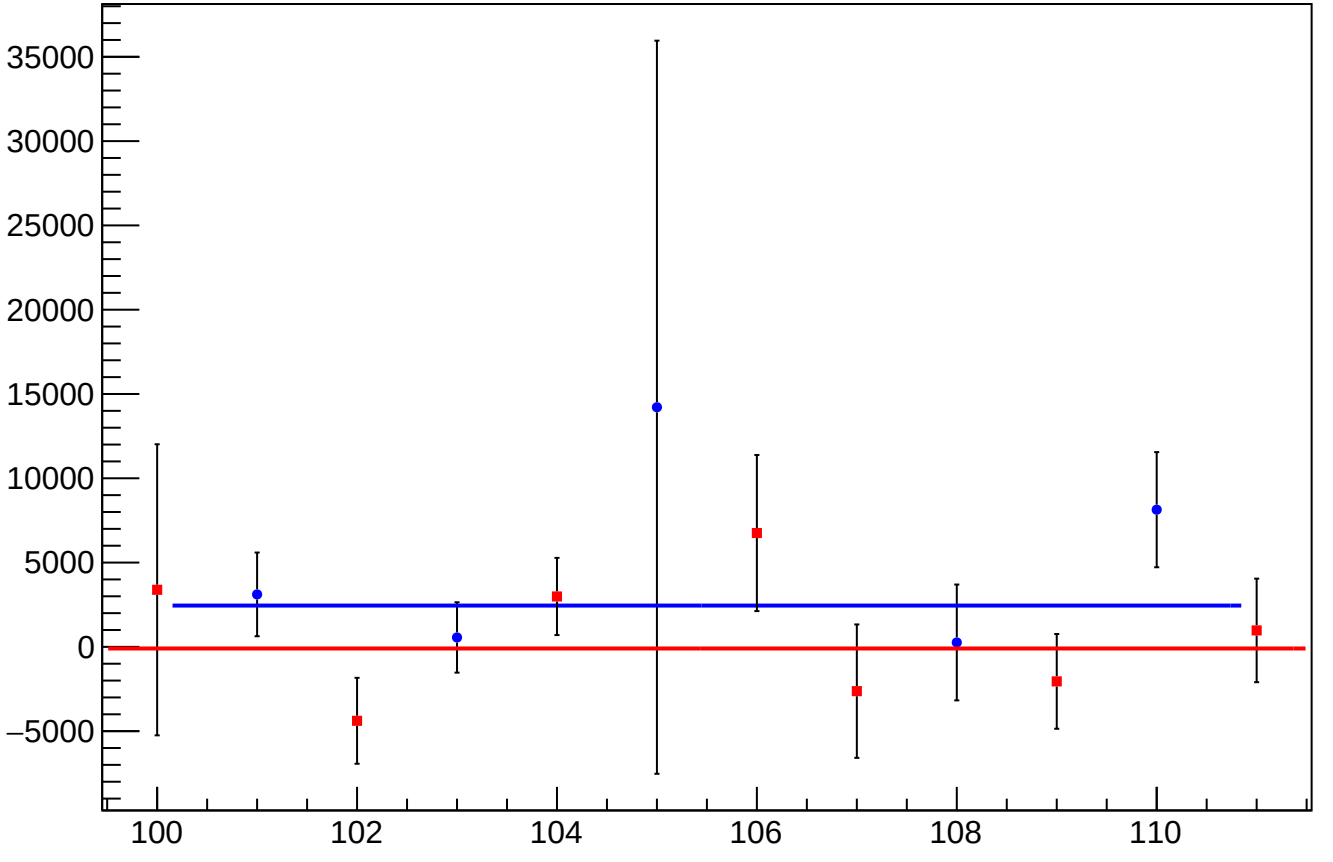
Right Out: 6697.734+/-3.085 χ^2/NDF: 337368.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

7099.405+/-3.823 χ^2/NDF: 328854.8/4

6697.734+/-3.085 χ^2/NDF: 337368.6/6

reg_asym_atl_avg_mean vs slug



Right In: 2449.790+/-1330.897 χ^2/NDF: 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

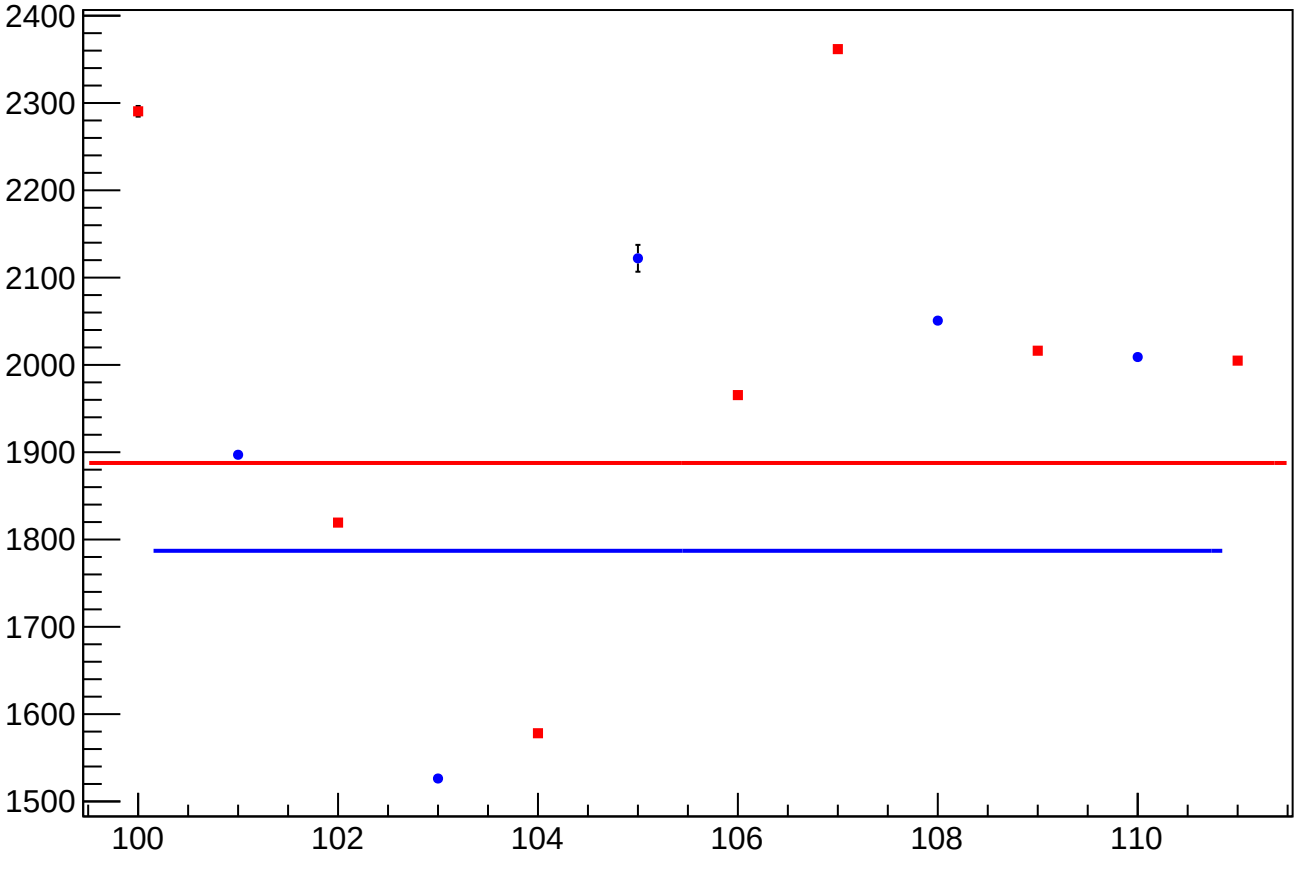
Right Out: -97.013+/-1194.197 χ^2/NDF: 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2449.790+/-1330.897 χ^2/NDF: 4.4/4

-97.013+/-1194.197 χ^2/NDF: 8.0/6

reg_asym_atl_avg_rms vs slug



Right In: 1787.078+/-0.941 χ^2/NDF: 55884.0/4

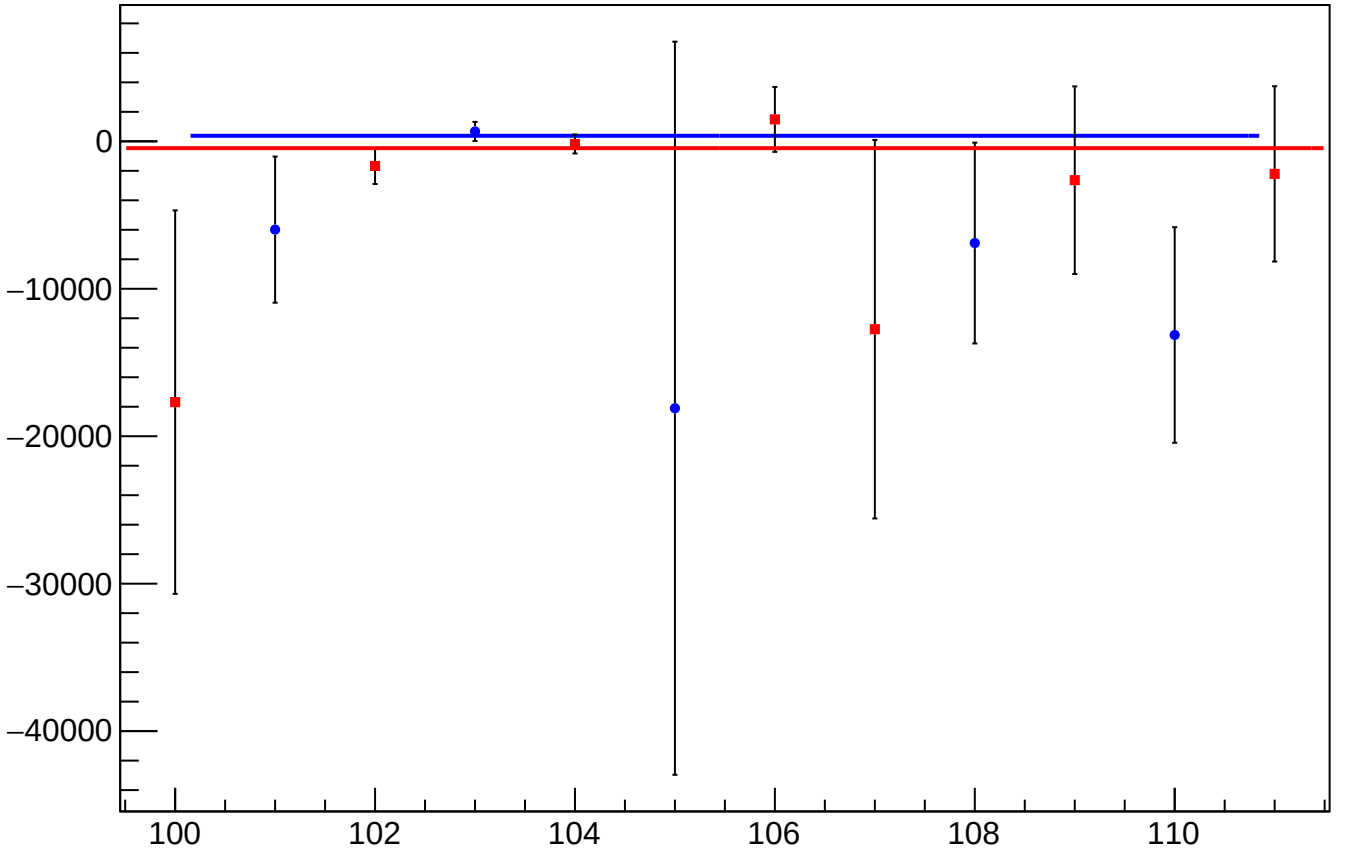
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1887.677+/-0.833 χ^2/NDF: 78961.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1787.078+/-0.941 χ^2/NDF: 55884.0/4

1887.677+/-0.833 χ^2/NDF: 78961.2/6



Right In: 376.154+/-637.600 χ^2/NDF: 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

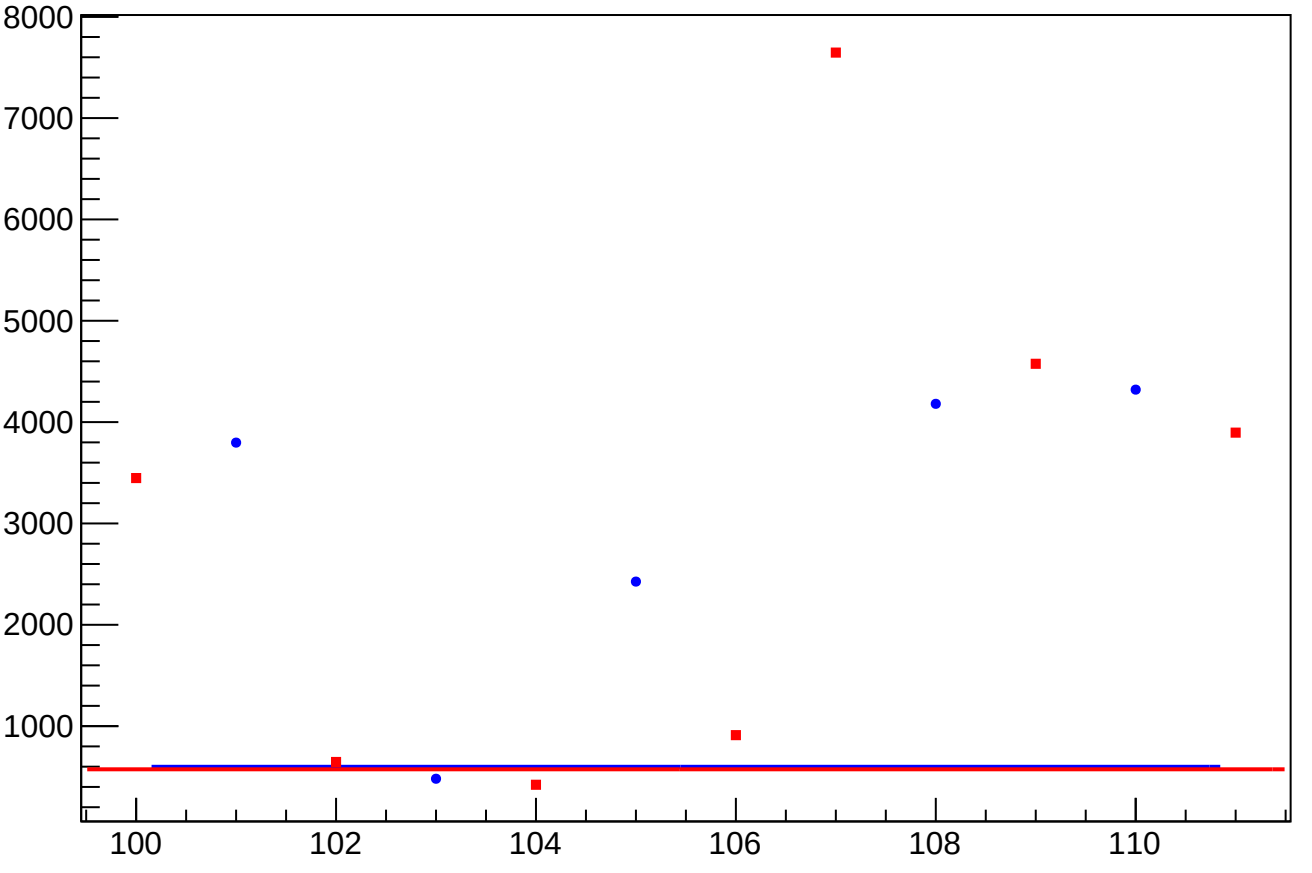
Right Out: -463.658+/-544.360 χ^2/NDF: 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

376.154+/-637.600 χ^2/NDF: 7.0/4

-463.658+/-544.360 χ^2/NDF: 4.8/6

asym_atl_avg_correction_rms vs slug



Right In: 598.750+/-0.451 χ^2/NDF: 1981397.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

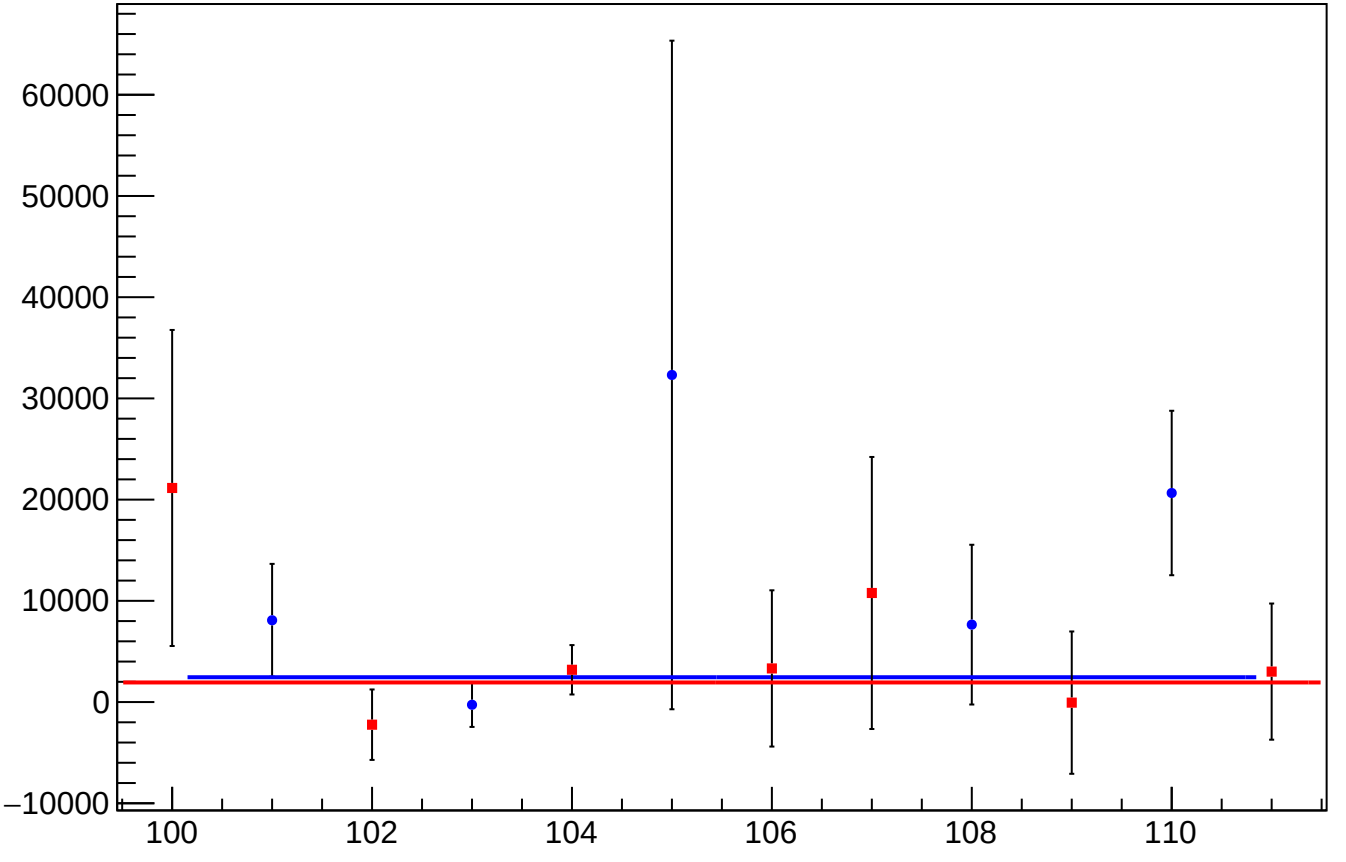
Right Out: 574.027+/-0.385 χ^2/NDF: 2286914.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

598.750+/-0.451 χ^2/NDF: 1981397.9/4

574.027+/-0.385 χ^2/NDF: 2286914.4/6

asym_atl_avg_mean vs slug



Right In: 2452.865+/-1913.395 χ^2/NDF: 8.8/4

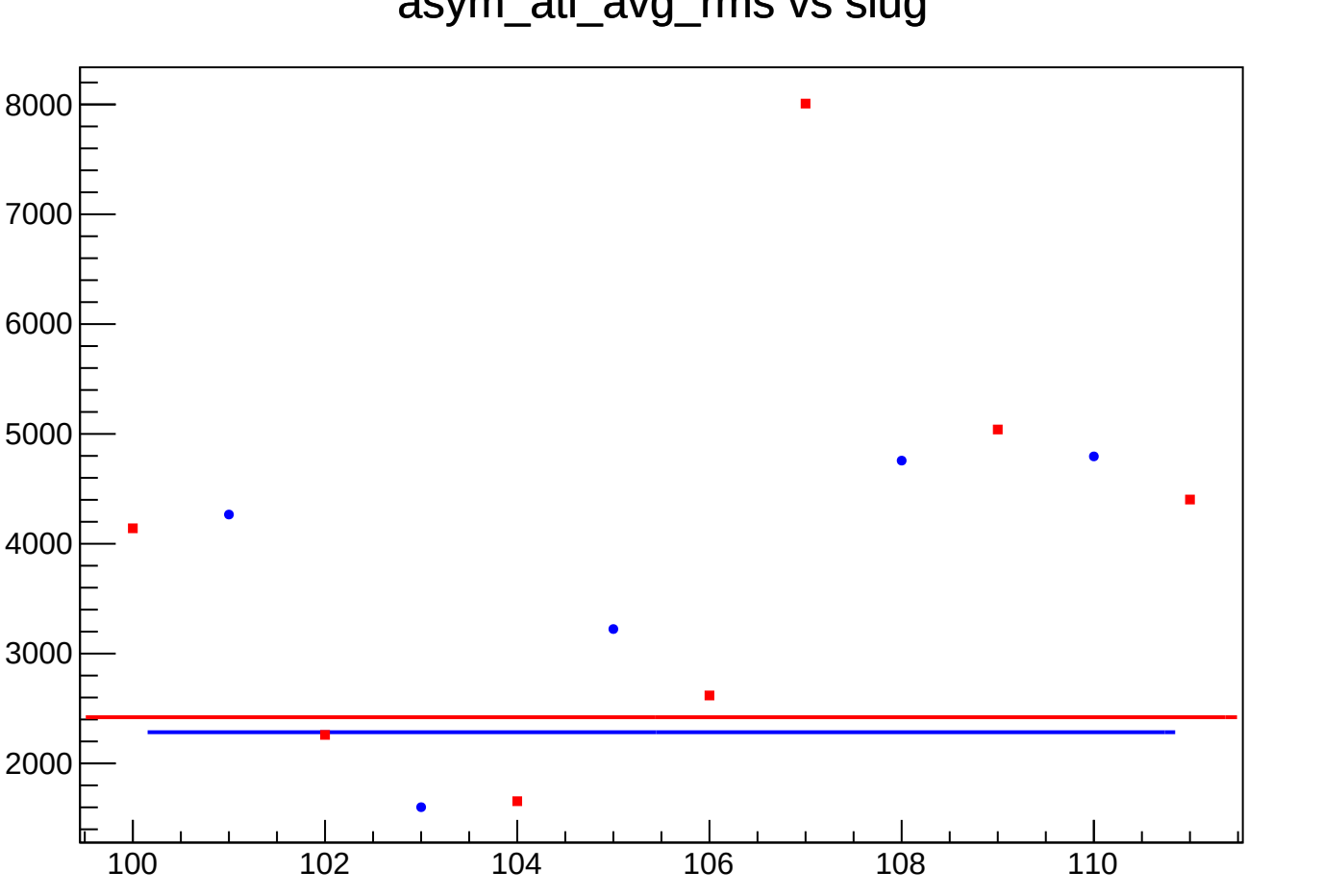
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1936.025+/-1769.763 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2452.865+/-1913.395 χ^2/NDF: 8.8/4

1936.025+/-1769.763 χ^2/NDF: 3.8/6



Right In: 2283.964+/-1.353 χ^2/NDF: 837063.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

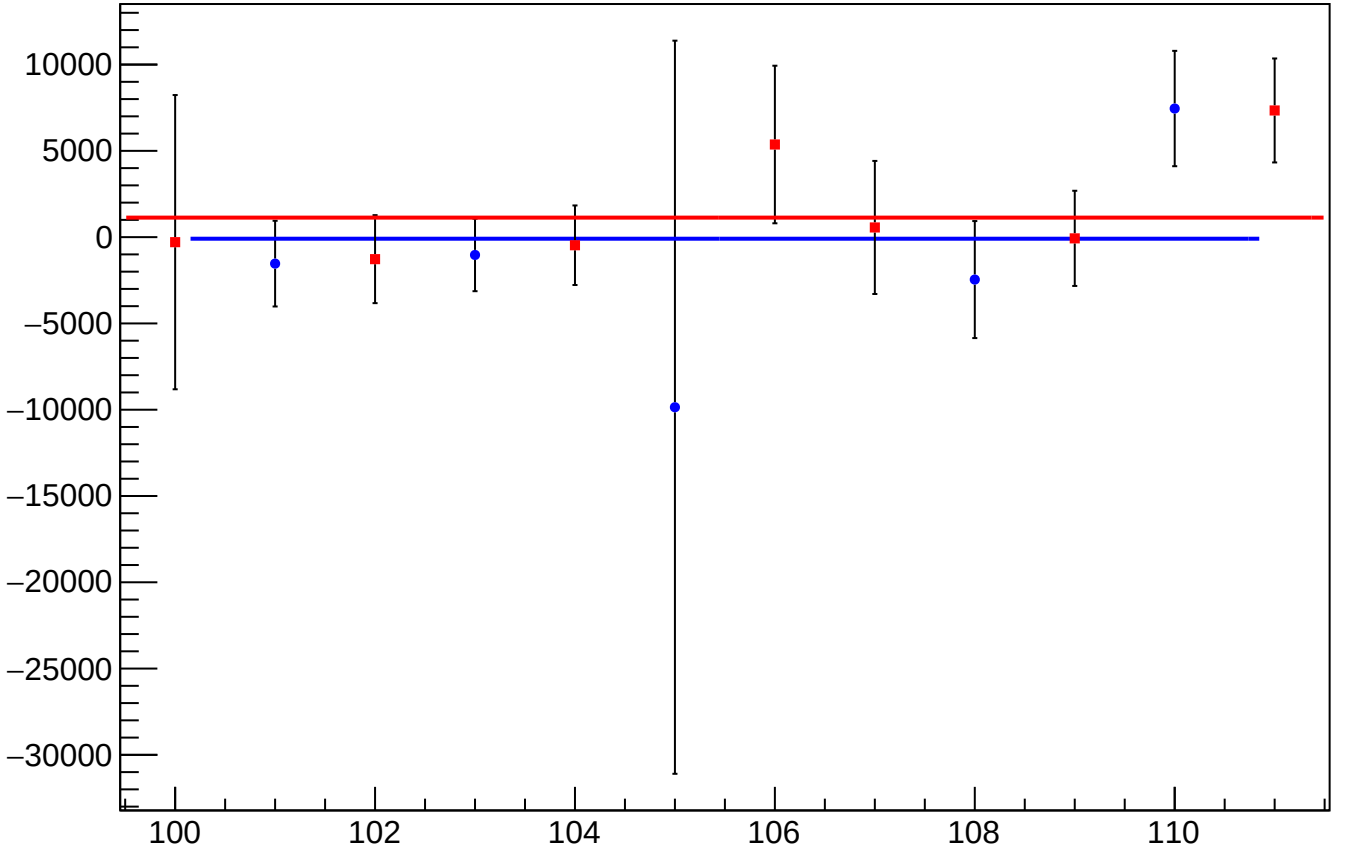
Right Out: 2420.451+/-1.218 χ^2/NDF: 1024676.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2283.964+/-1.353 χ^2/NDF: 837063.2/4

2420.451+/-1.218 χ^2/NDF: 1024676.1/6

reg_asym_atl_dd_mean vs slug



Right In: -91.008+/-1327.004 χ^2/NDF: 6.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

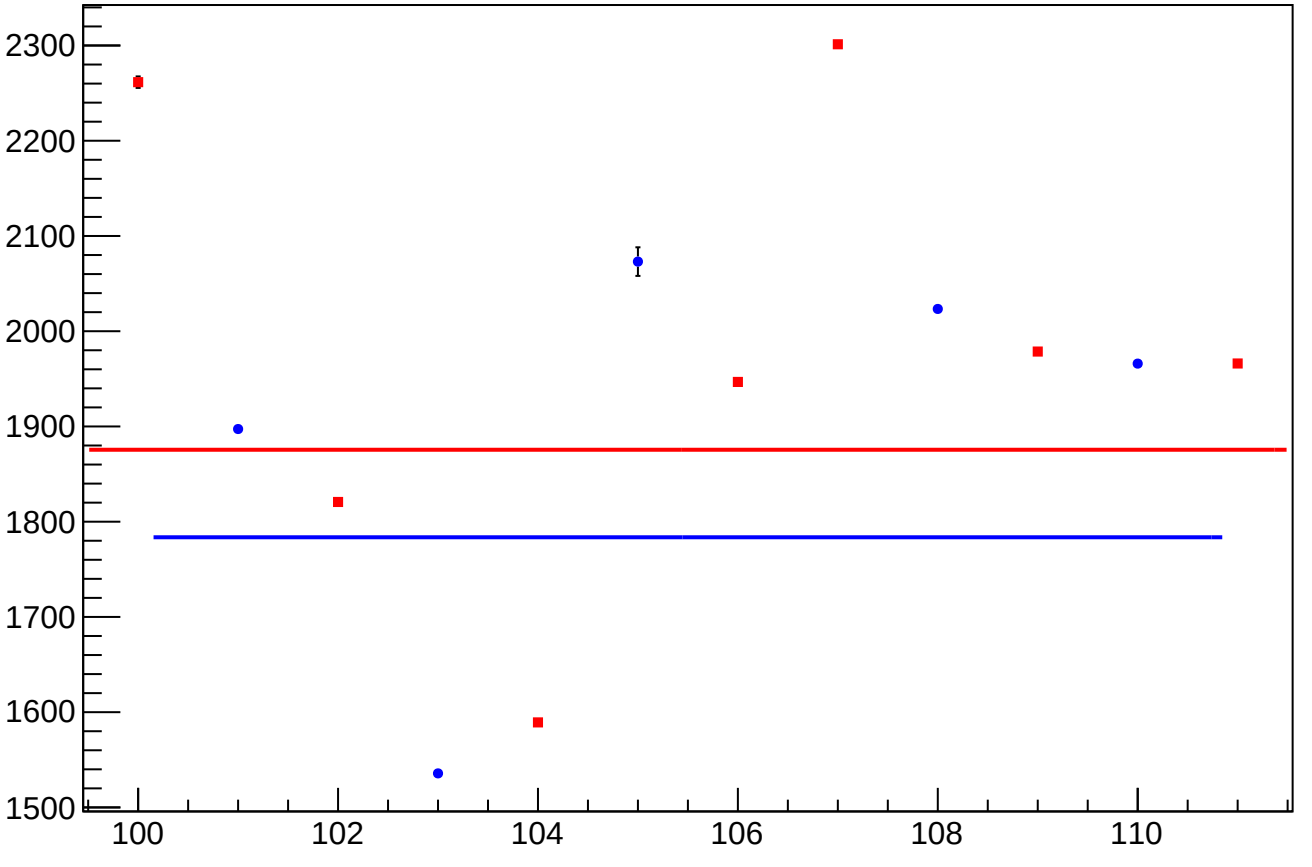
Right Out: 1131.656+/-1184.473 χ^2/NDF: 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-91.008+/-1327.004 χ^2/NDF: 6.3/4

1131.656+/-1184.473 χ^2/NDF: 6.7/6

reg_asym_atl_dd_rms vs slug



Right In: 1783.647+/-0.938 χ^2/NDF: 48410.3/4

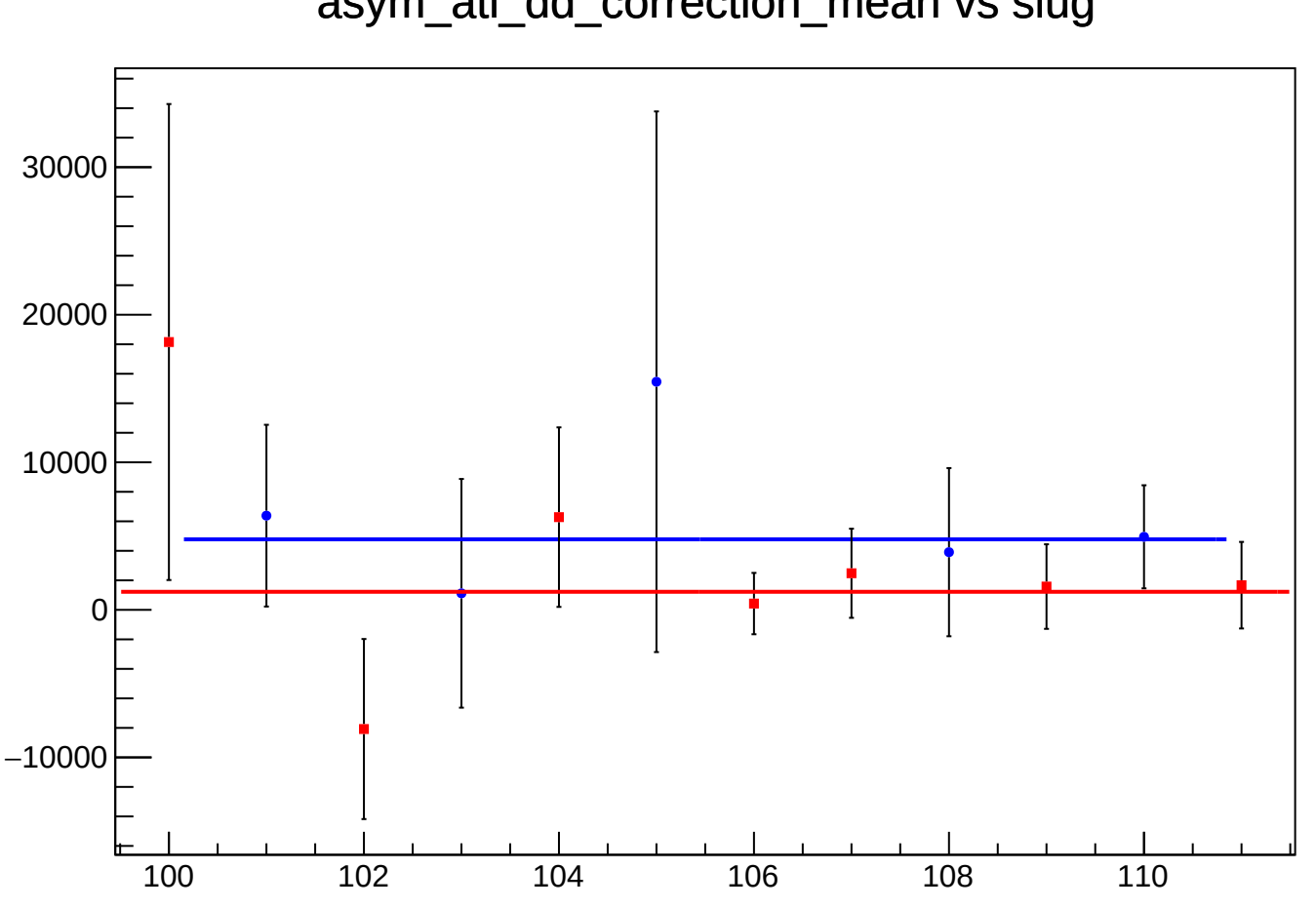
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1875.542+/-0.826 χ^2/NDF: 65556.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1783.647+/-0.938 χ^2/NDF: 48410.3/4

1875.542+/-0.826 χ^2/NDF: 65556.8/6



Right In: 4781.183+/-2510.053 χ^2/NDF: 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

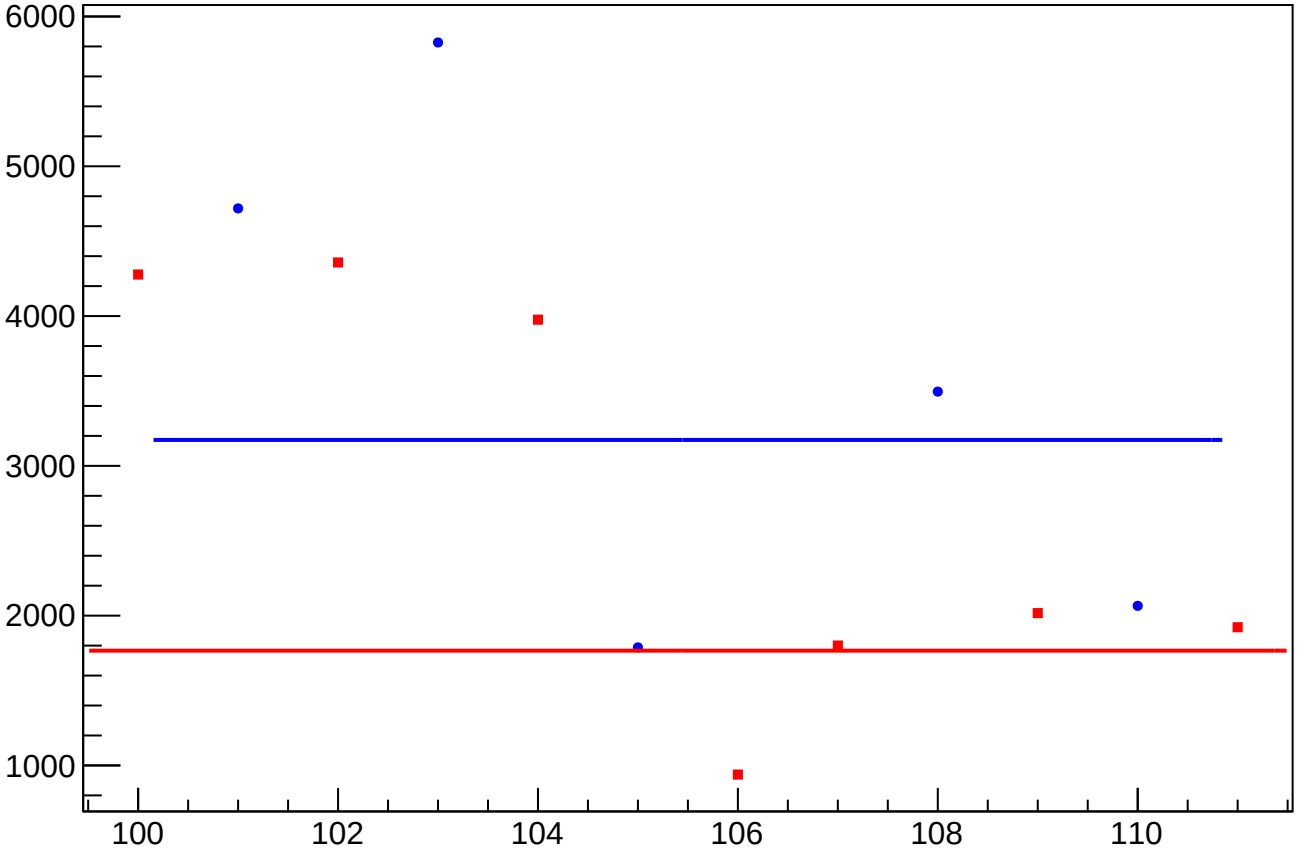
Right Out: 1223.573+/-1253.163 χ^2/NDF: 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4781.183+/-2510.053 χ^2/NDF: 0.7/4

1223.573+/-1253.163 χ^2/NDF: 4.5/6

asym_atl_dd_correction_rms vs slug



Right In: 3173.109+/-1.775 χ^2/NDF: 579323.5/4

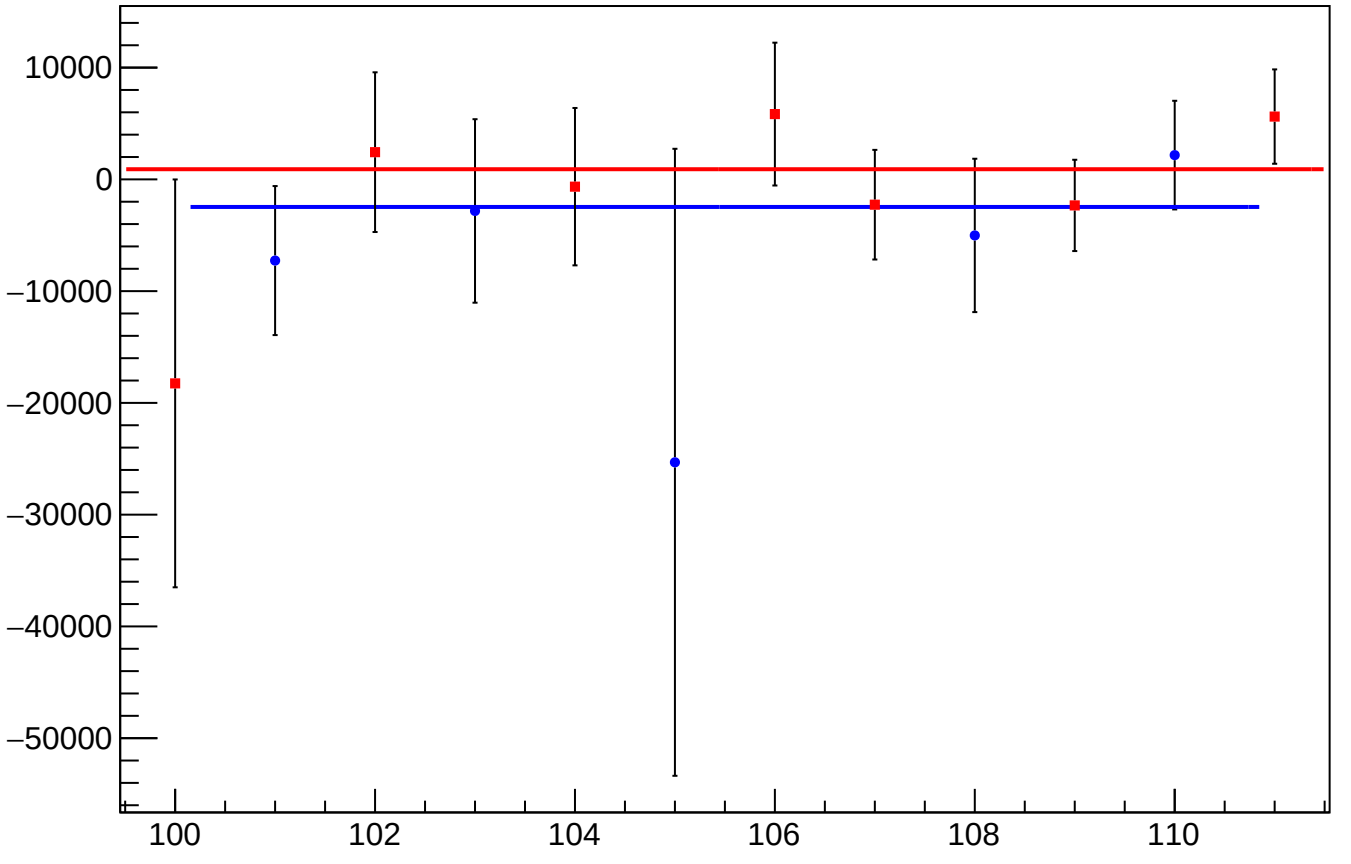
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1766.283+/-0.886 χ^2/NDF: 1011111.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3173.109+/-1.775 χ^2/NDF: 579323.5/4

1766.283+/-0.886 χ^2/NDF: 1011111.4/6



Right In: -2467.911+/-3128.211 χ^2/NDF: 2.2/4

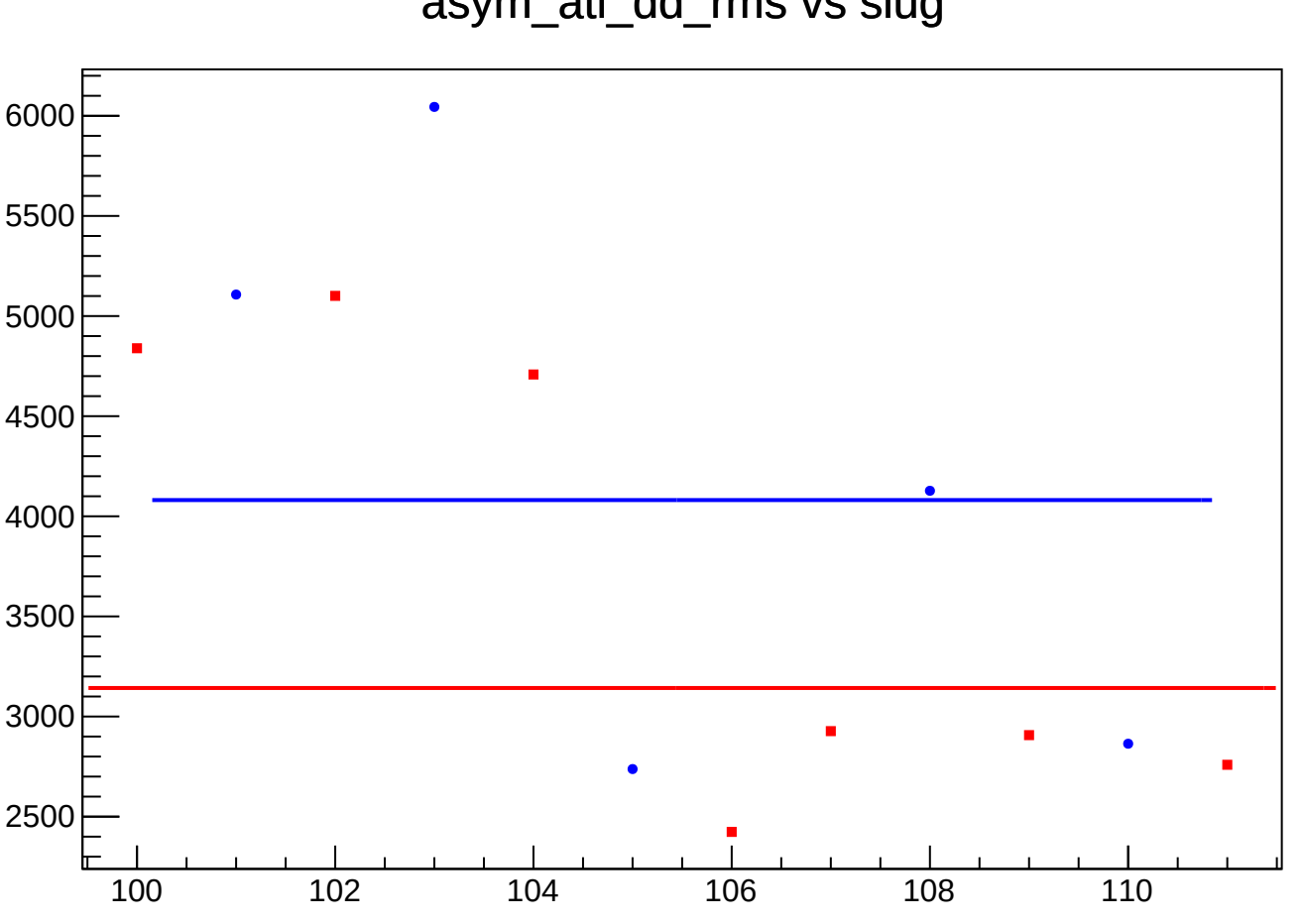
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 907.998+/-2108.678 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2467.911+/-3128.211 χ^2/NDF: 2.2/4

907.998+/-2108.678 χ^2/NDF: 4.1/6



Right In: 4080.974+/-2.212 χ^2/NDF: 291909.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

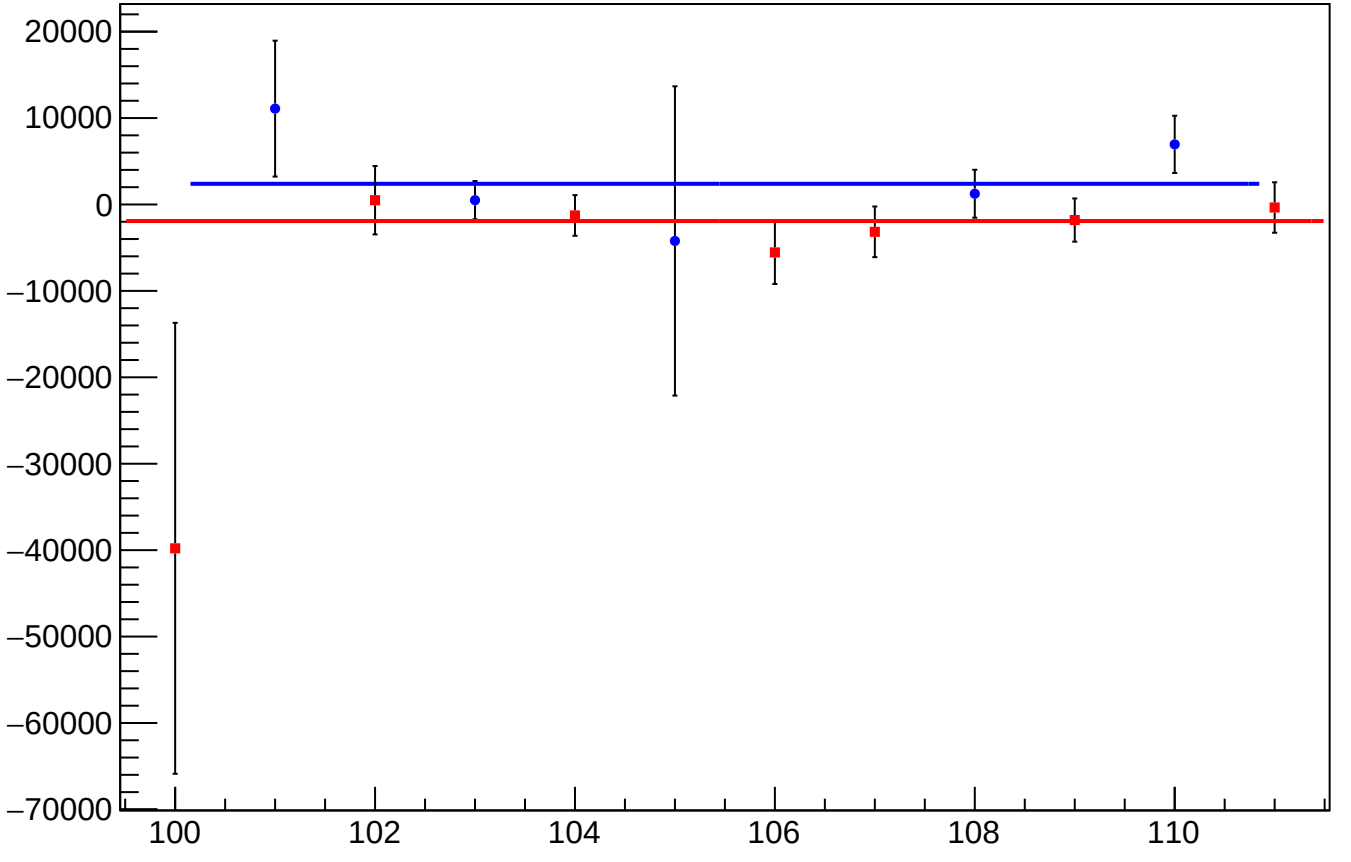
Right Out: 3142.485+/-1.435 χ^2/NDF: 337252.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4080.974+/-2.212 χ^2/NDF: 291909.7/4

3142.485+/-1.435 χ^2/NDF: 337252.3/6

reg_asym_atr_avg_mean vs slug



Right In: 2391.728+/-1499.717 χ^2/NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

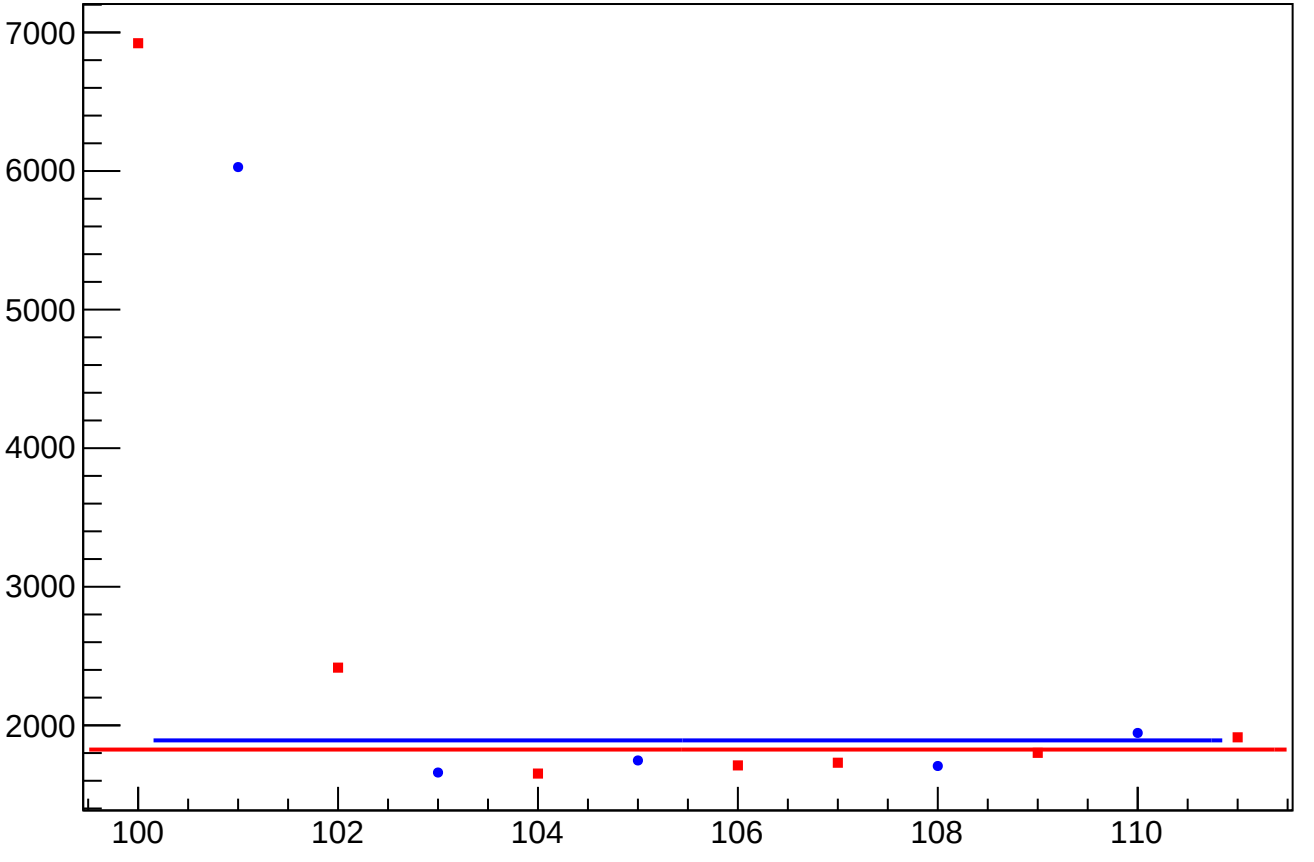
Right Out: -1915.903+/-1183.693 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2391.728+/-1499.717 χ^2/NDF: 4.2/4

-1915.903+/-1183.693 χ^2/NDF: 4.0/6

reg_asym_atr_avg_rms vs slug



Right In: 1891.437+/-1.060 χ^2/NDF: 585146.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

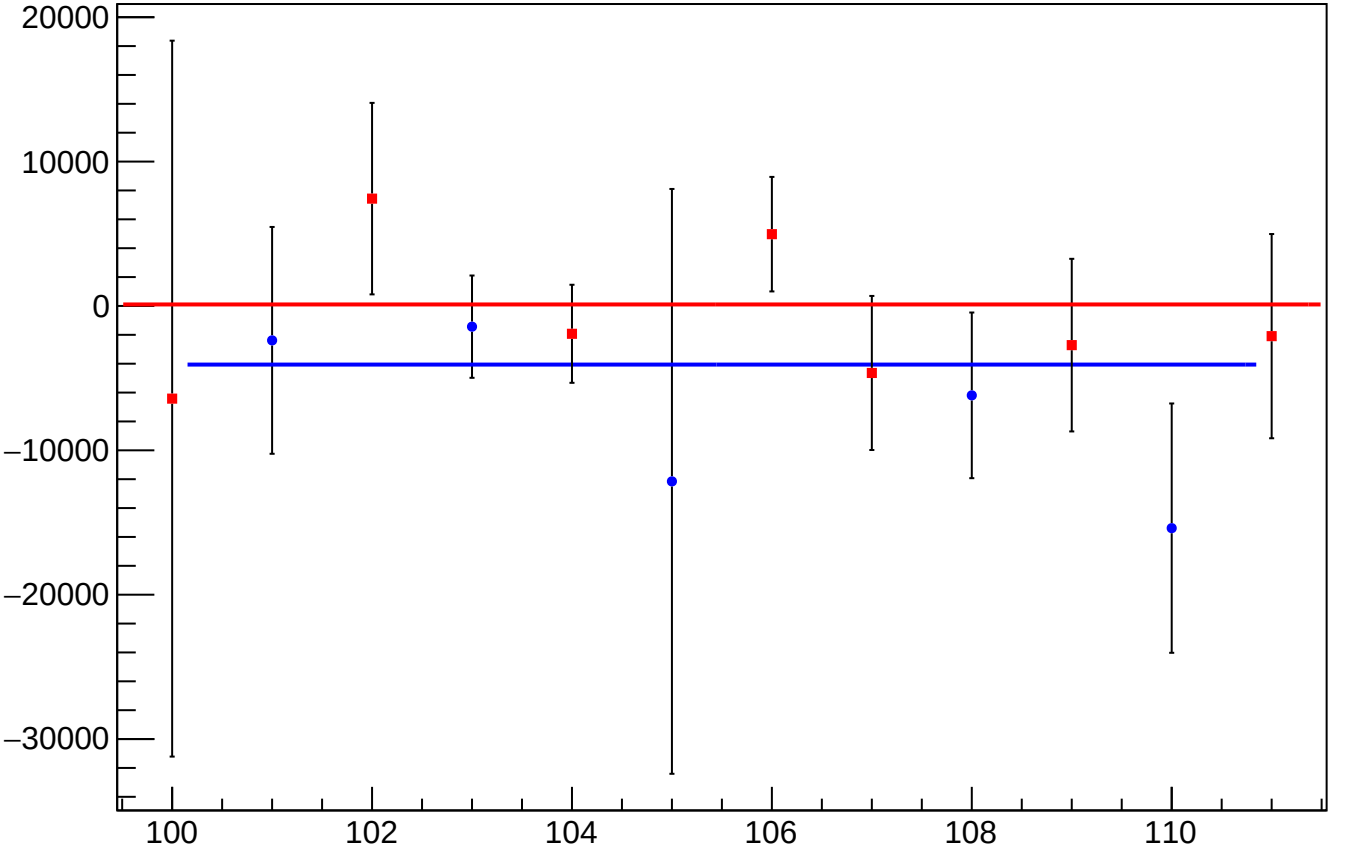
Right Out: 1825.223+/-0.832 χ^2/NDF: 138077.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1891.437+/-1.060 χ^2/NDF: 585146.3/4

1825.223+/-0.832 χ^2/NDF: 138077.2/6

asym_atr_avg_correction_mean vs slug



Right In: -4061.076+/-2652.715 χ^2/NDF: 2.6/4

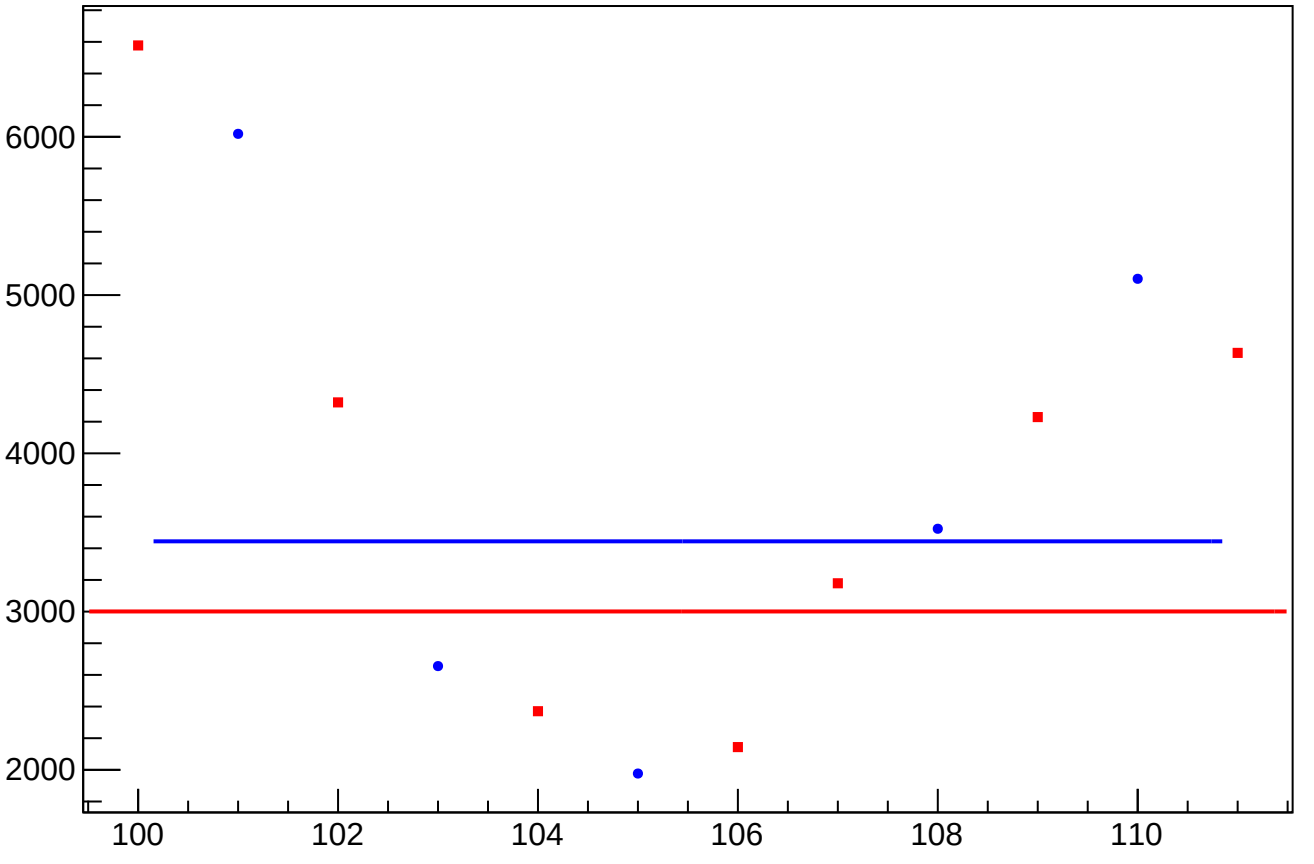
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 103.655+/-1969.752 χ^2/NDF: 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4061.076+/-2652.715 χ^2/NDF: 2.6/4

103.655+/-1969.752 χ^2/NDF: 4.3/6



Right In: 3443.995+/-1.876 χ^2/NDF: 398593.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

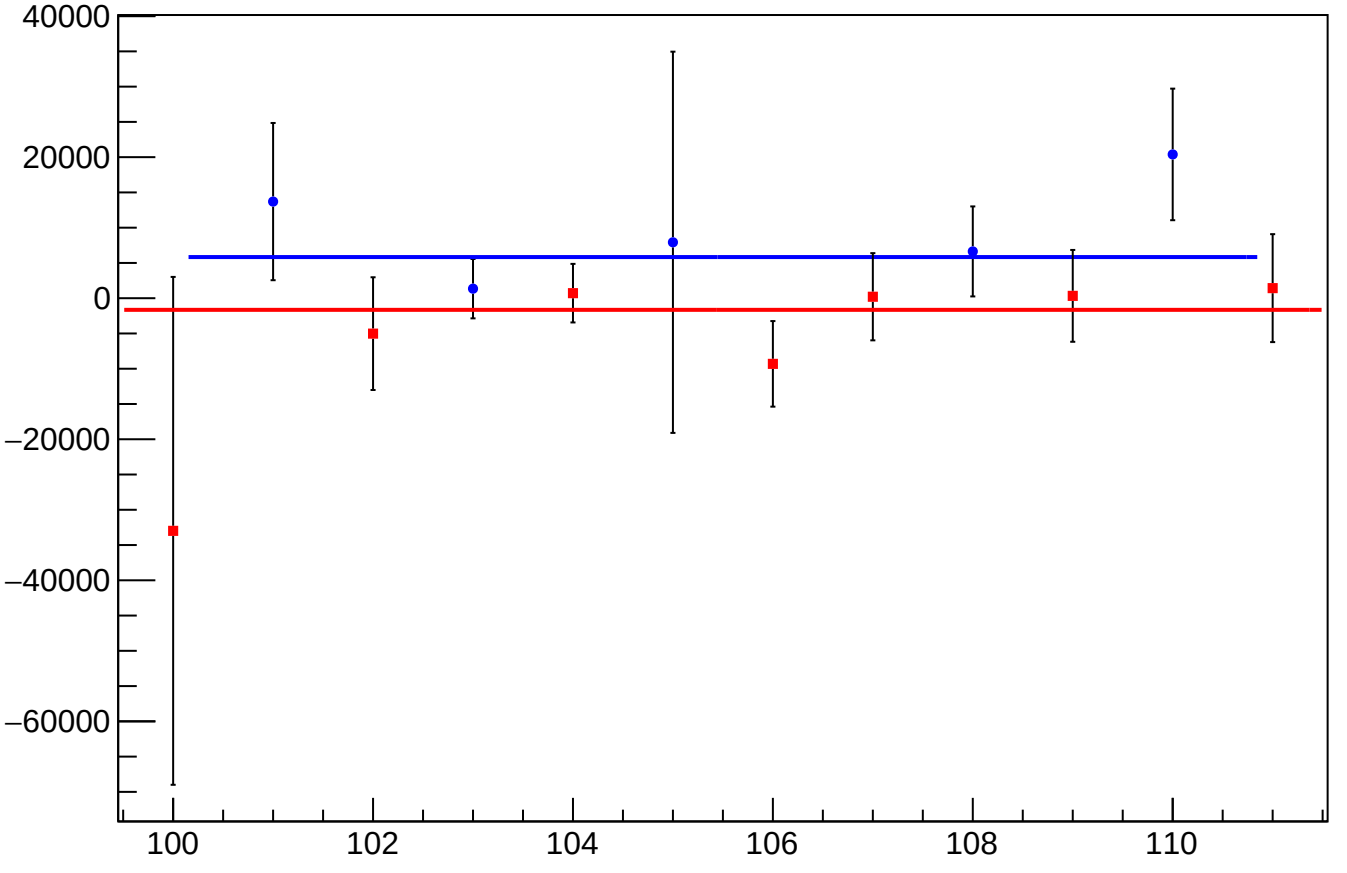
Right Out: 3000.868+/-1.393 χ^2/NDF: 476655.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3443.995+/-1.876 χ^2/NDF: 398593.6/4

3000.868+/-1.393 χ^2/NDF: 476655.0/6

asym_atr_avg_mean vs slug



Right In: 5834.594+/-3132.229 χ^2/NDF: 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

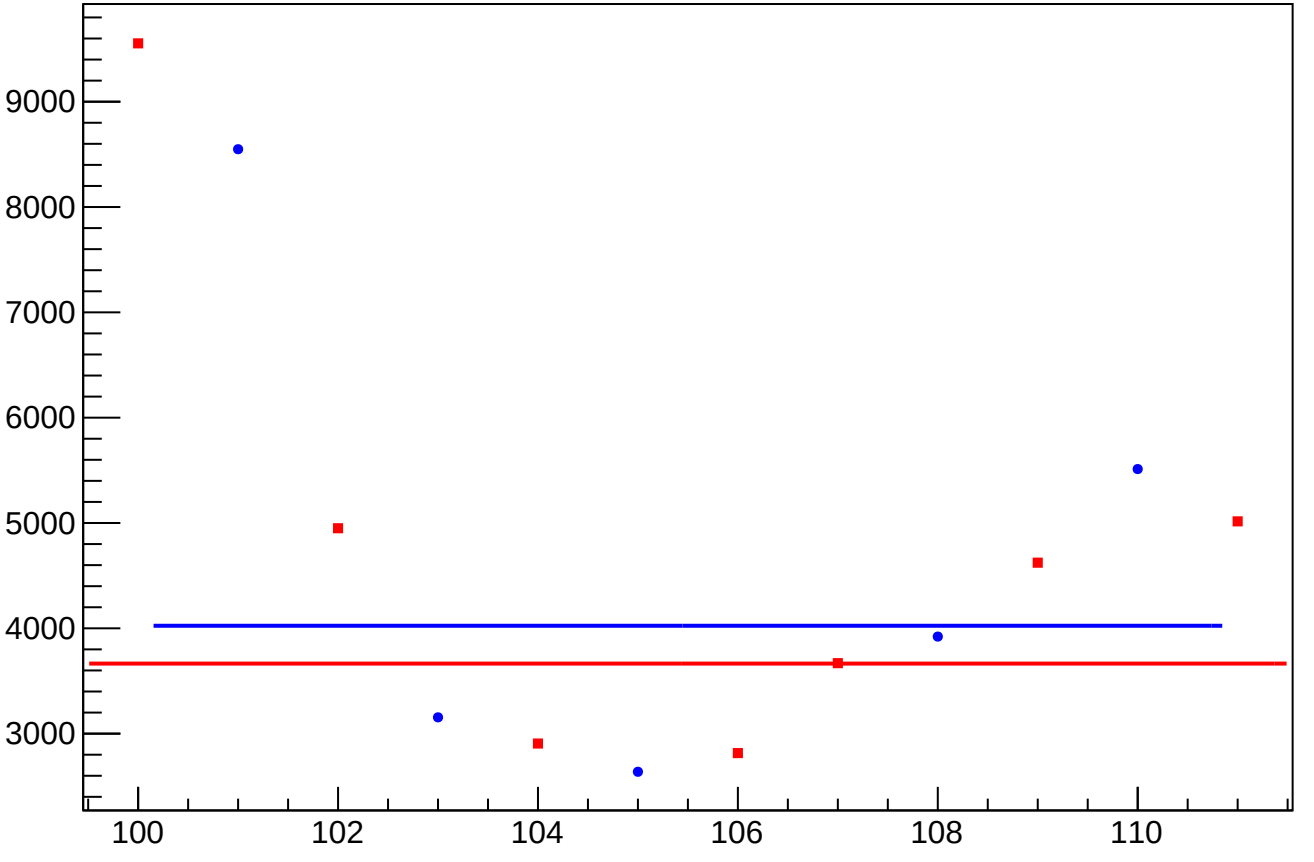
Right Out: -1649.531+/-2436.565 χ^2/NDF: 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

5834.594+/-3132.229 χ^2/NDF: 4.1/4

-1649.531+/-2436.565 χ^2/NDF: 3.2/6

asym_atr_avg_rms vs slug



Right In: 4024.281+/-2.215 χ^2/NDF: 471524.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

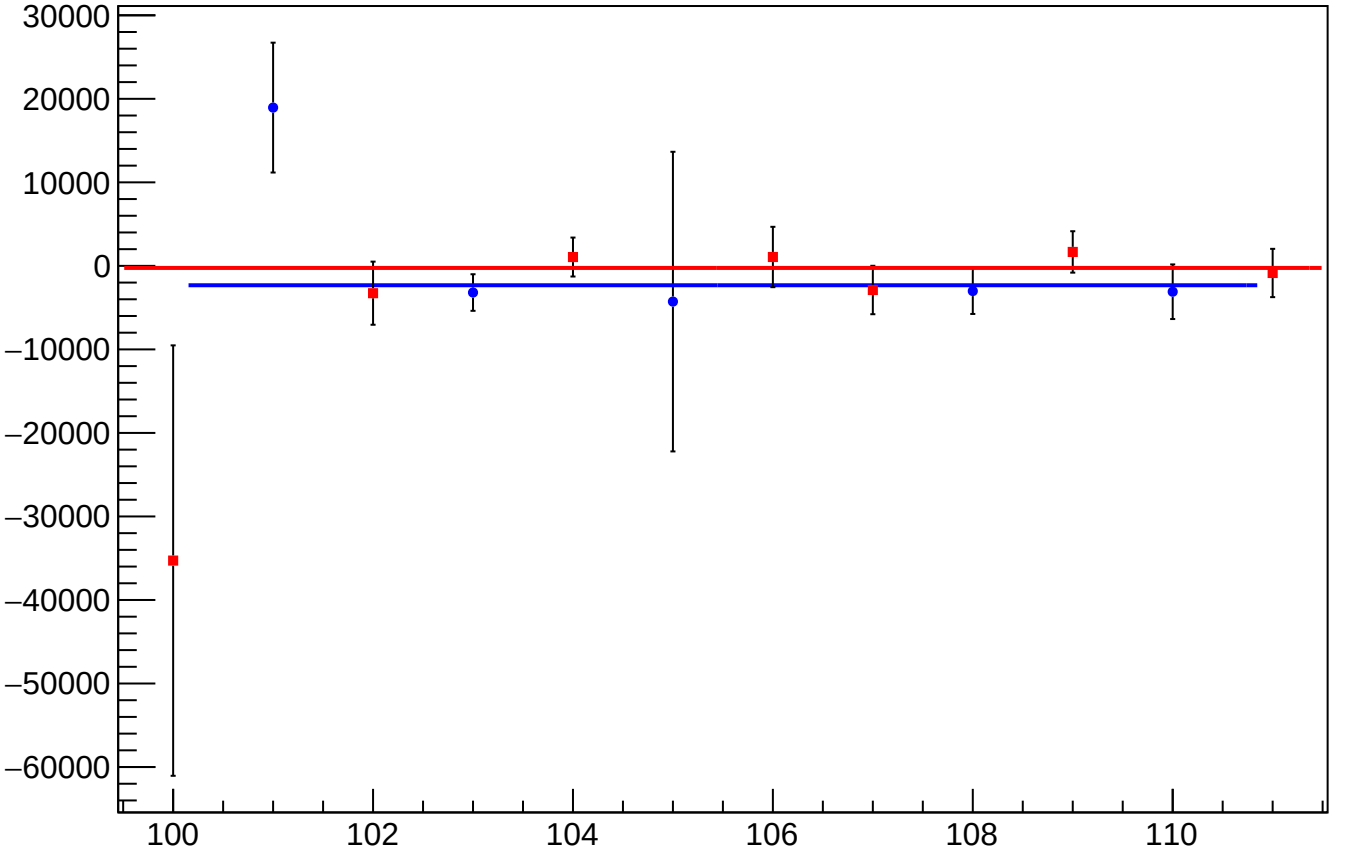
Right Out: 3665.125+/-1.703 χ^2/NDF: 322514.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4024.281+/-2.215 χ^2/NDF: 471524.4/4

3665.125+/-1.703 χ^2/NDF: 322514.6/6

reg_asym_atr_dd_mean vs slug



Right In: -2320.700+/-1483.242 χ^2/NDF: 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

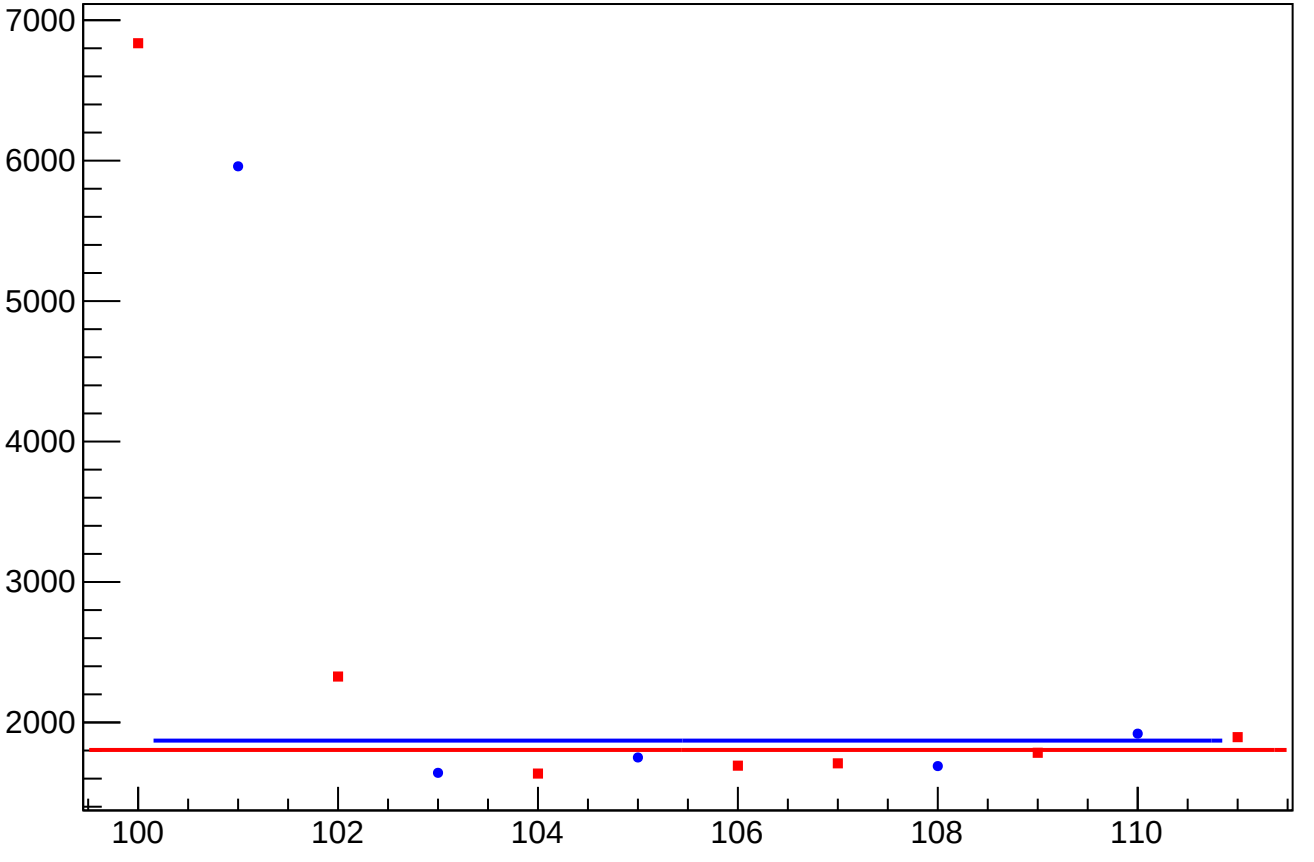
Right Out: -246.247+/-1167.549 χ^2/NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2320.700+/-1483.242 χ^2/NDF: 7.8/4

-246.247+/-1167.549 χ^2/NDF: 4.4/6

reg_asym_atr_dd_rms vs slug



Right In: 1870.702+/-1.049 χ^2/NDF: 584660.7/4

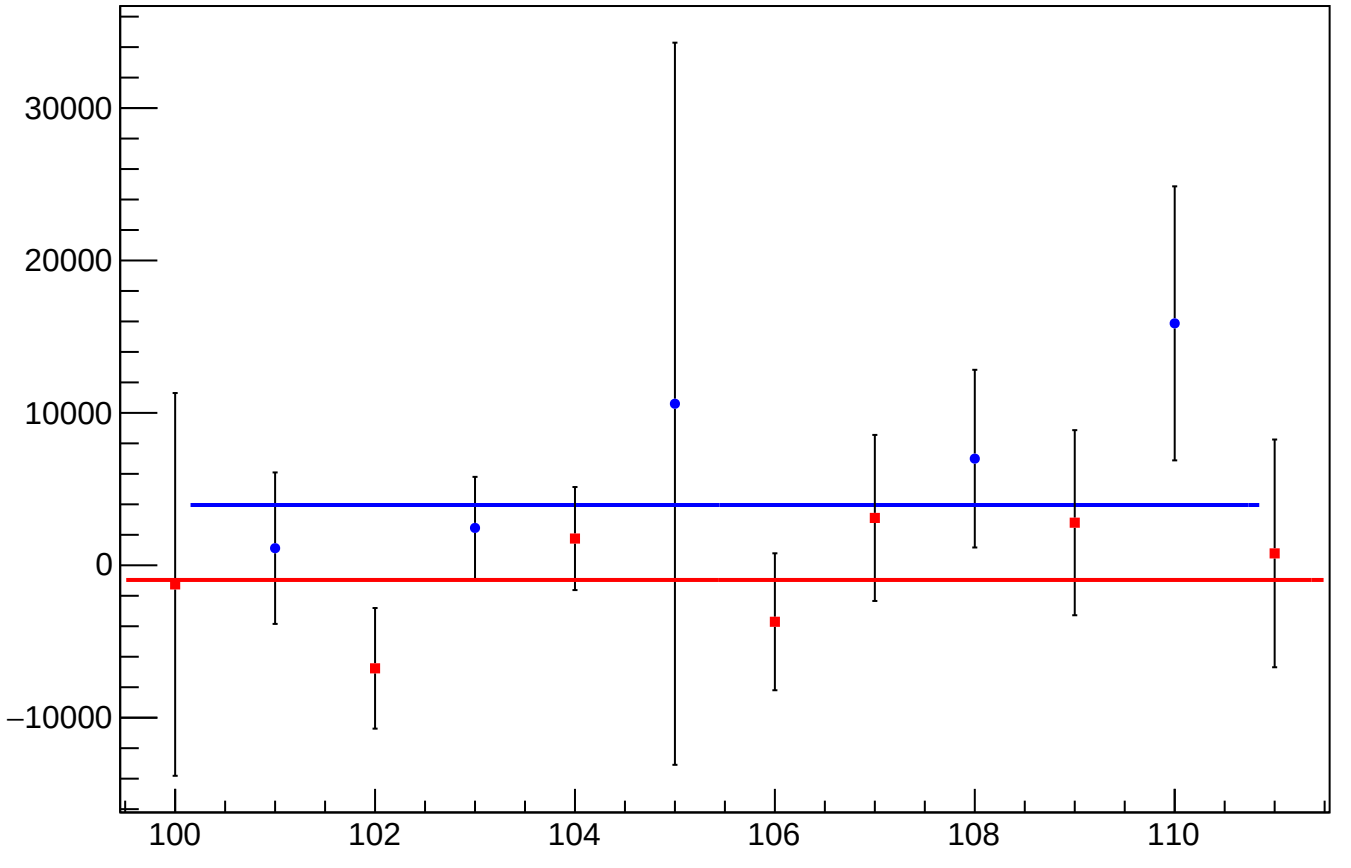
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1804.173+/-0.821 χ^2/NDF: 131376.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1870.702+/-1.049 χ^2/NDF: 584660.7/4

1804.173+/-0.821 χ^2/NDF: 131376.5/6



Right In: 3956.602+/-2402.972 χ^2/NDF: 2.6/4

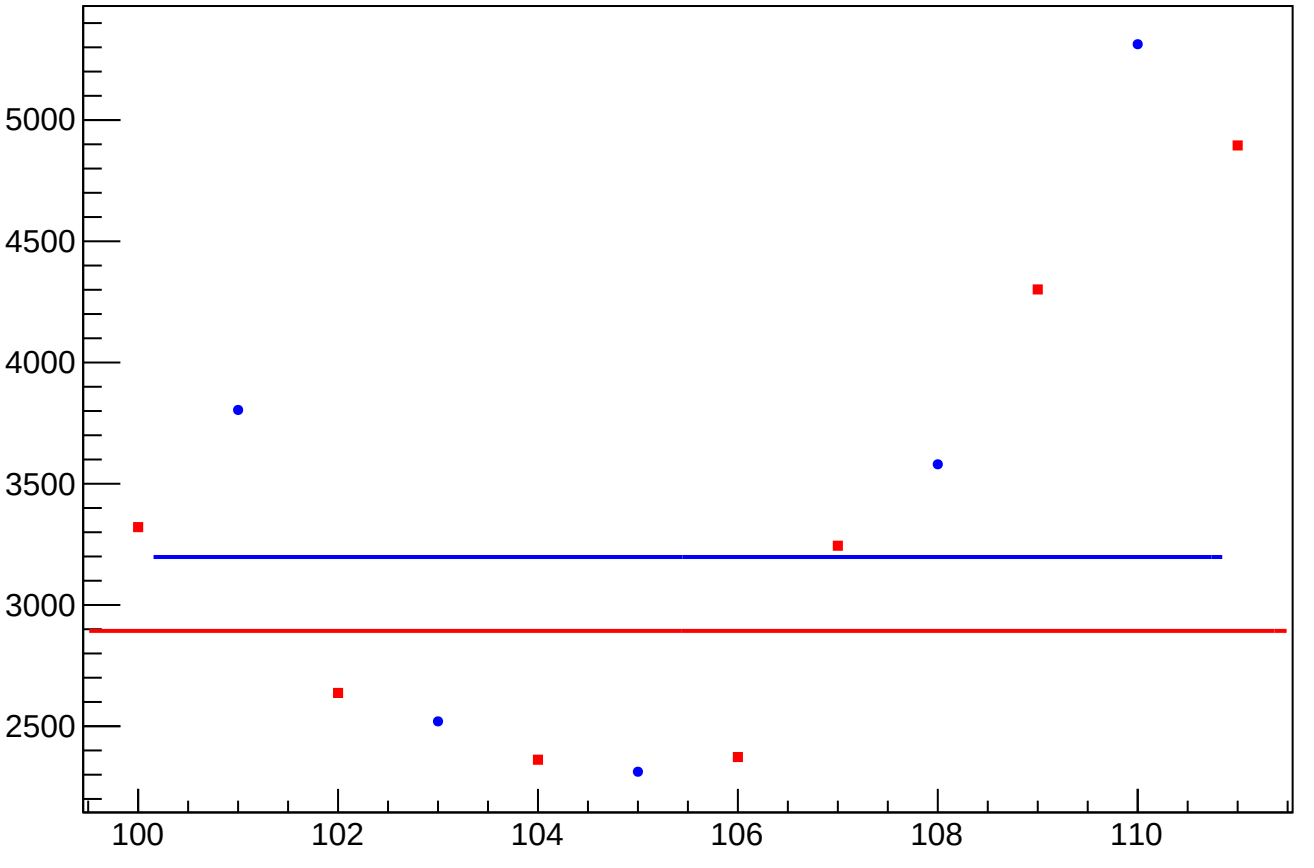
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -962.151+/-1870.012 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3956.602+/-2402.972 χ^2/NDF: 2.6/4

-962.151+/-1870.012 χ^2/NDF: 4.2/6



Right In: 3197.861+/-1.699 χ^2/NDF: 233769.7/4

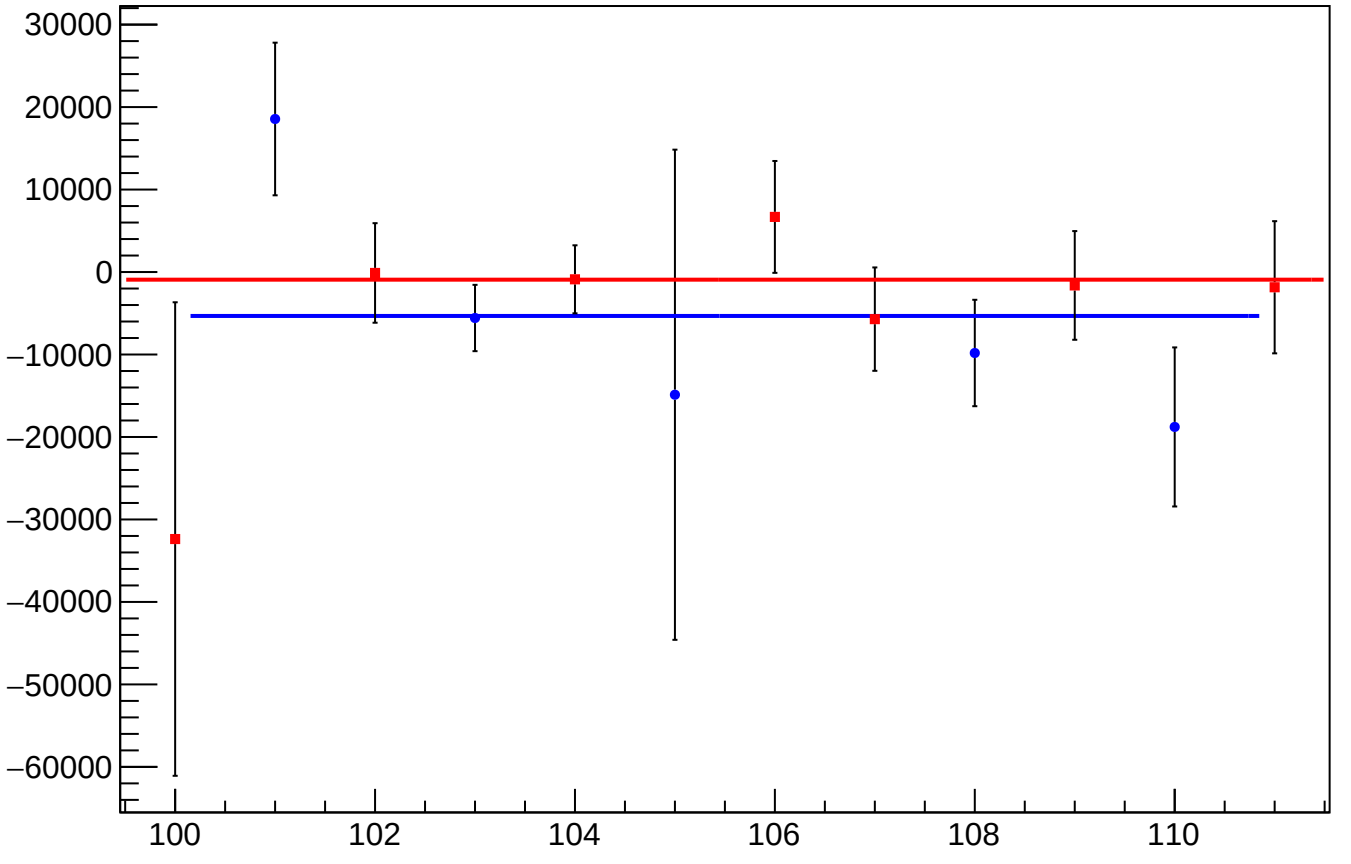
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2893.150+/-1.322 χ^2/NDF: 346426.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3197.861+/-1.699 χ^2/NDF: 233769.7/4

2893.150+/-1.322 χ^2/NDF: 346426.2/6



Right In: -5324.799+/-3022.298 χ^2/NDF: 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

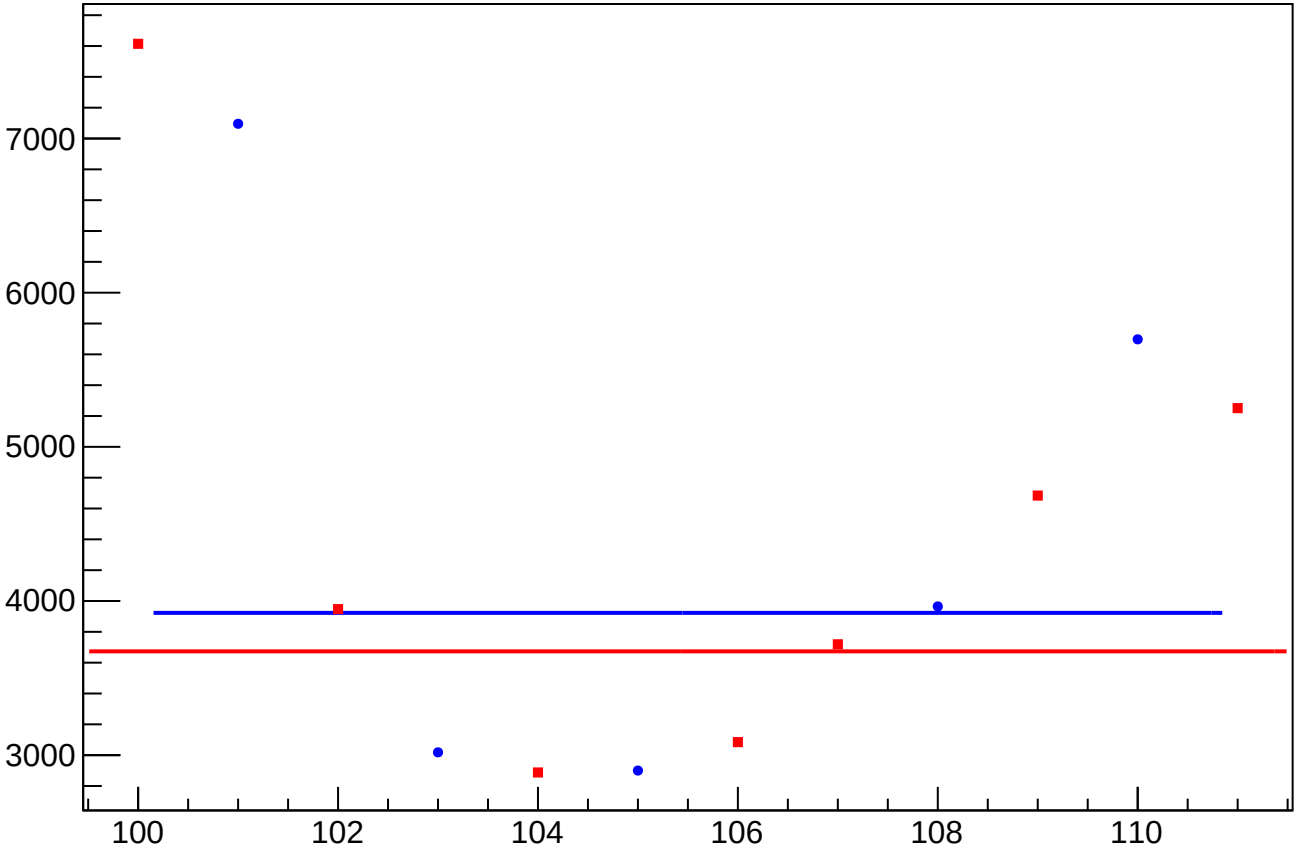
Right Out: -925.973+/-2402.195 χ^2/NDF: 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-5324.799+/-3022.298 χ^2/NDF: 9.2/4

-925.973+/-2402.195 χ^2/NDF: 3.1/6

asym_atr_dd_rms vs slug



Right In: 3923.065+/-2.137 χ^2/NDF: 406565.3/4

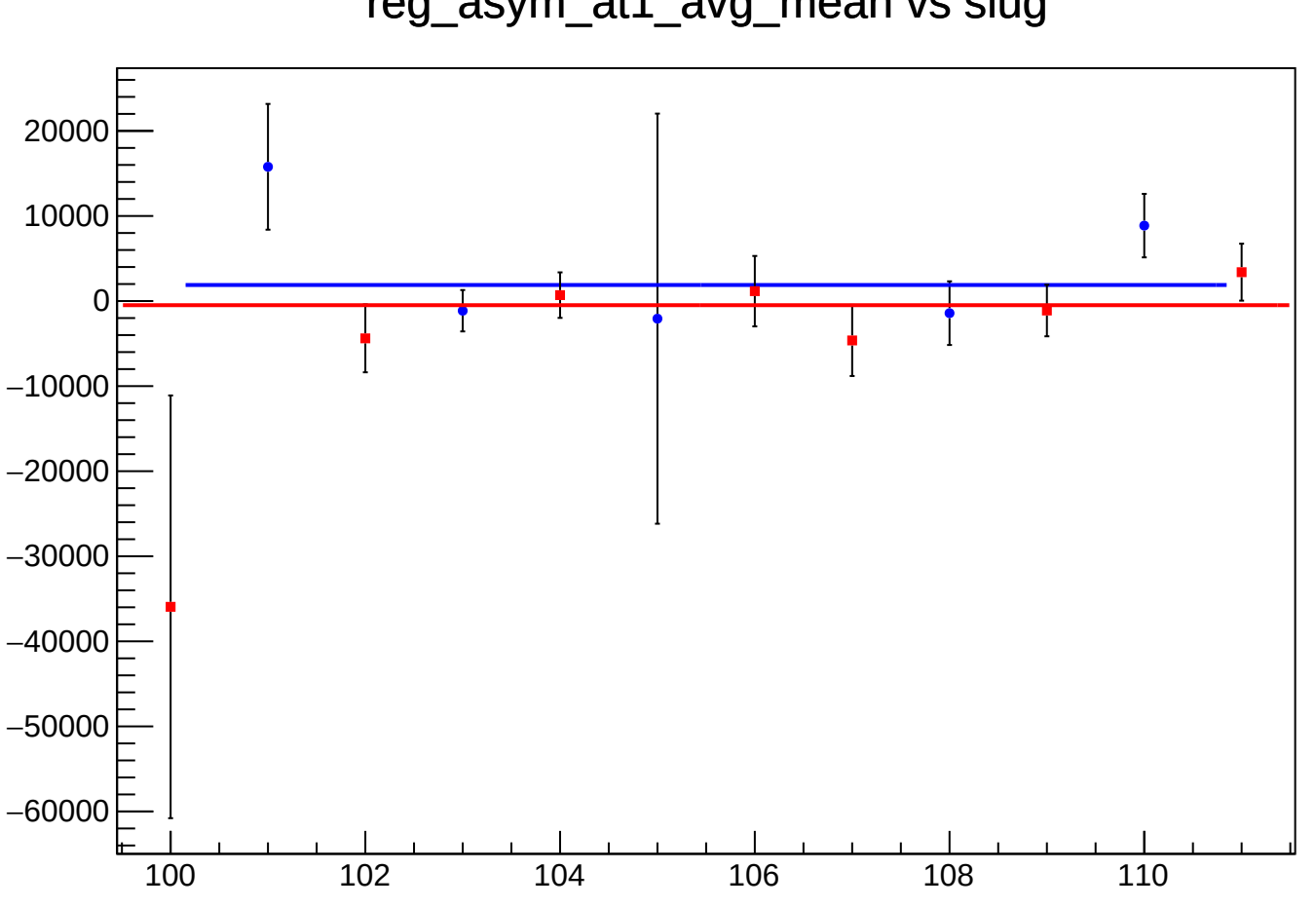
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3673.381+/-1.680 χ^2/NDF: 256885.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3923.065+/-2.137 χ^2/NDF: 406565.3/4

3673.381+/-1.680 χ^2/NDF: 256885.8/6



Right In: 1887.000+/-1734.378 χ^2/NDF: 9.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

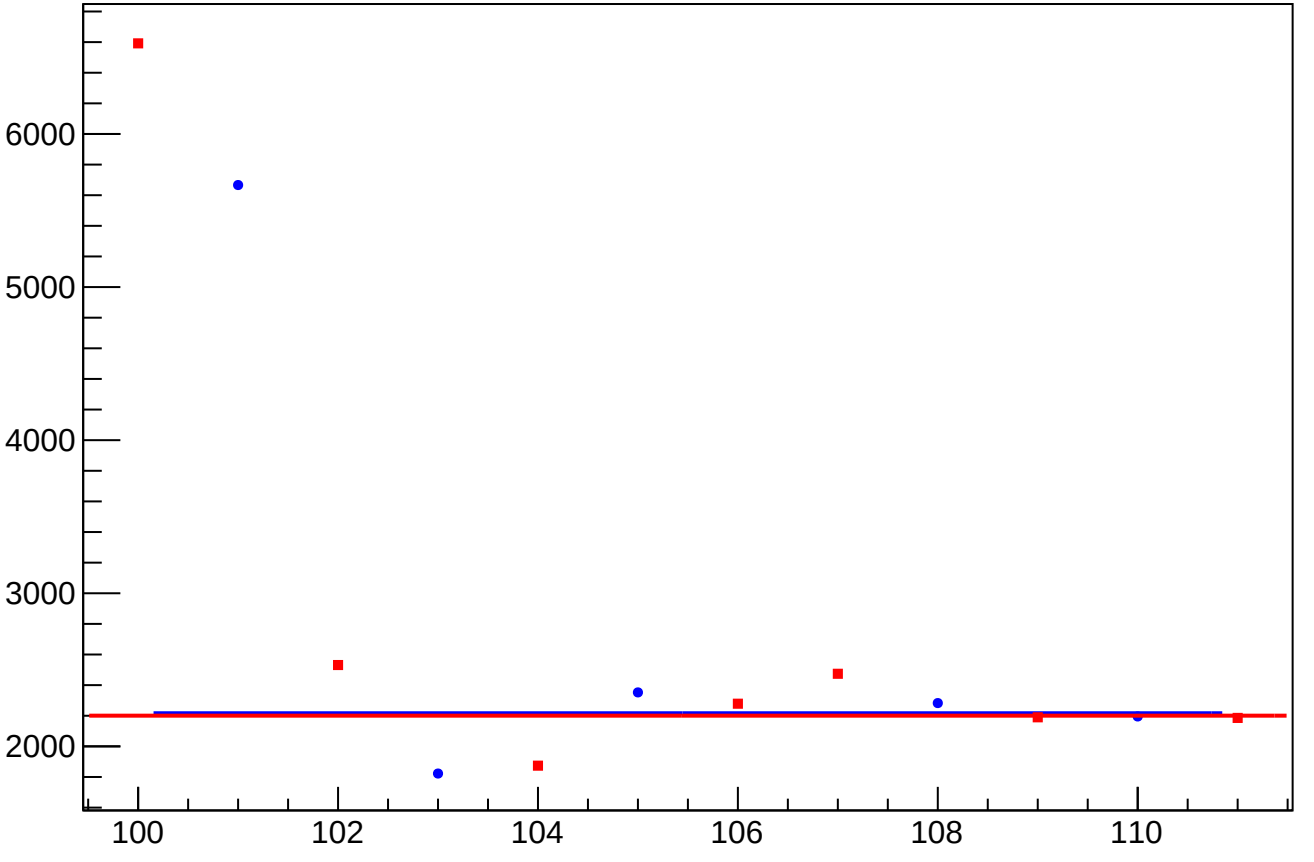
Right Out: -486.110+/-1389.677 χ^2/NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1887.000+/-1734.378 χ^2/NDF: 9.4/4

-486.110+/-1389.677 χ^2/NDF: 5.7/6

reg_asym_at1_avg_rms vs slug



Right In: 2216.272+/-1.226 χ^2/NDF: 488939.9/4

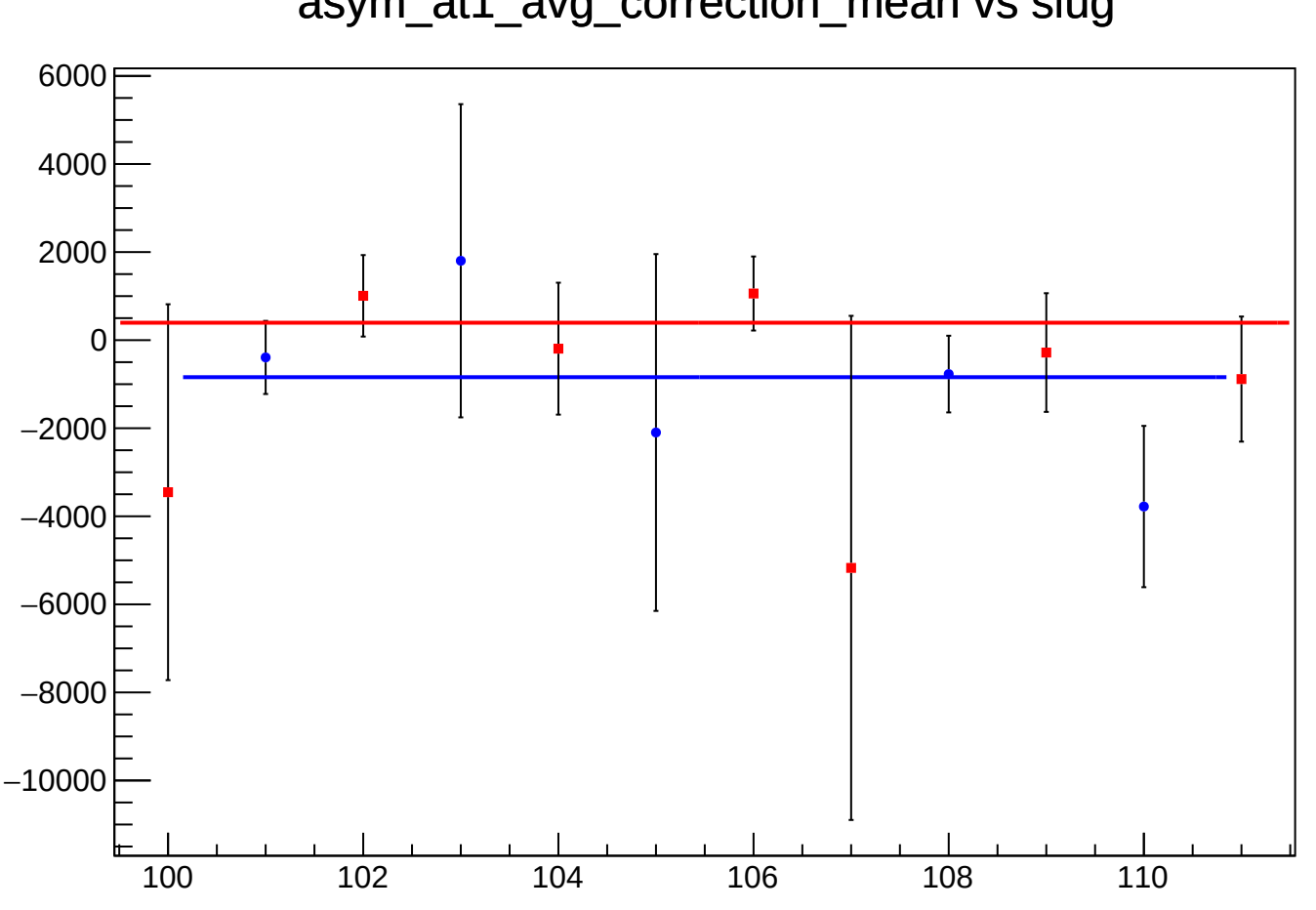
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2200.538+/-0.983 χ^2/NDF: 115381.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2216.272+/-1.226 χ^2/NDF: 488939.9/4

2200.538+/-0.983 χ^2/NDF: 115381.9/6



Right In: -840.917+/-558.403 χ^2/NDF: 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

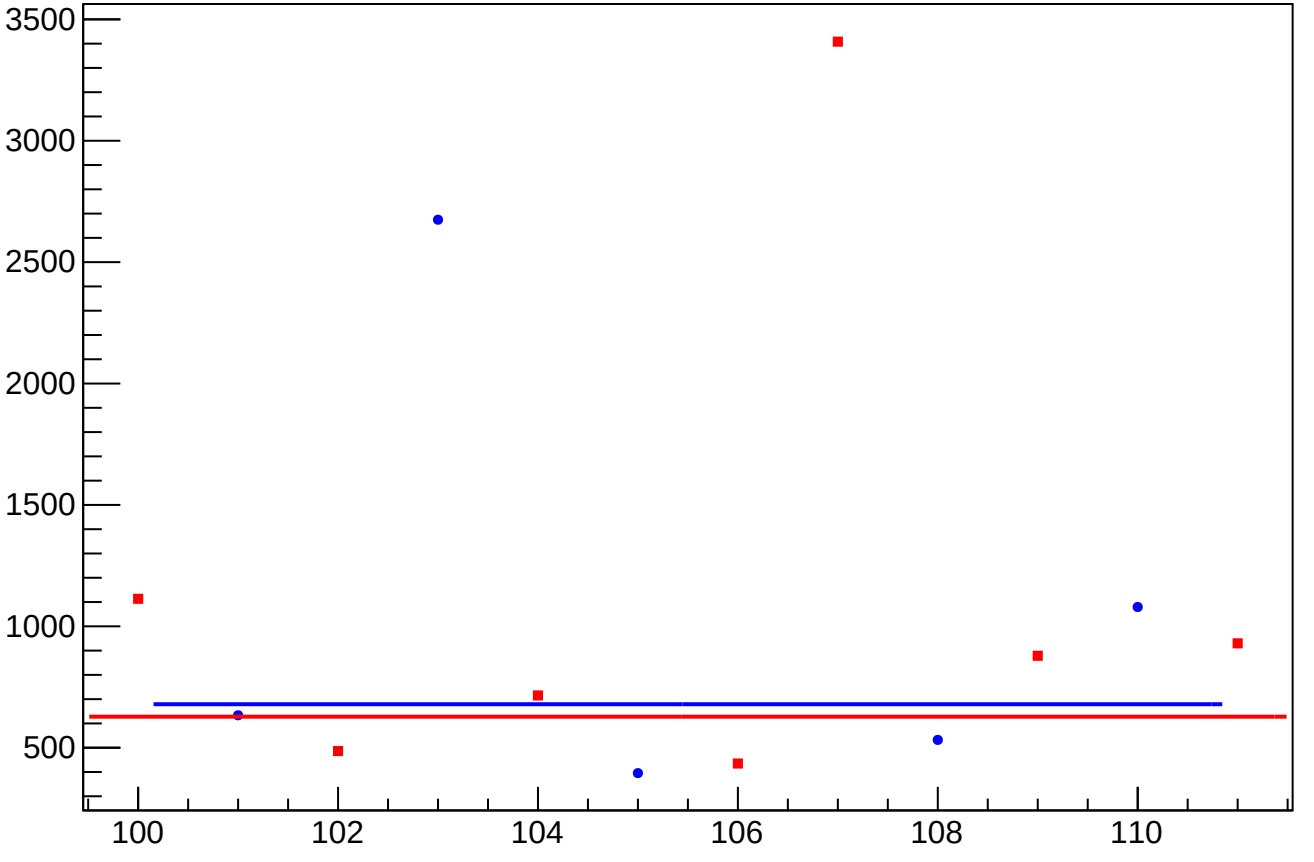
Right Out: 395.941+/-490.296 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-840.917+/-558.403 χ^2/NDF: 3.5/4

395.941+/-490.296 χ^2/NDF: 4.0/6

asym_at1_avg_correction_rms vs slug



Right In: 679.107+/-0.395 χ^2/NDF: 797984.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

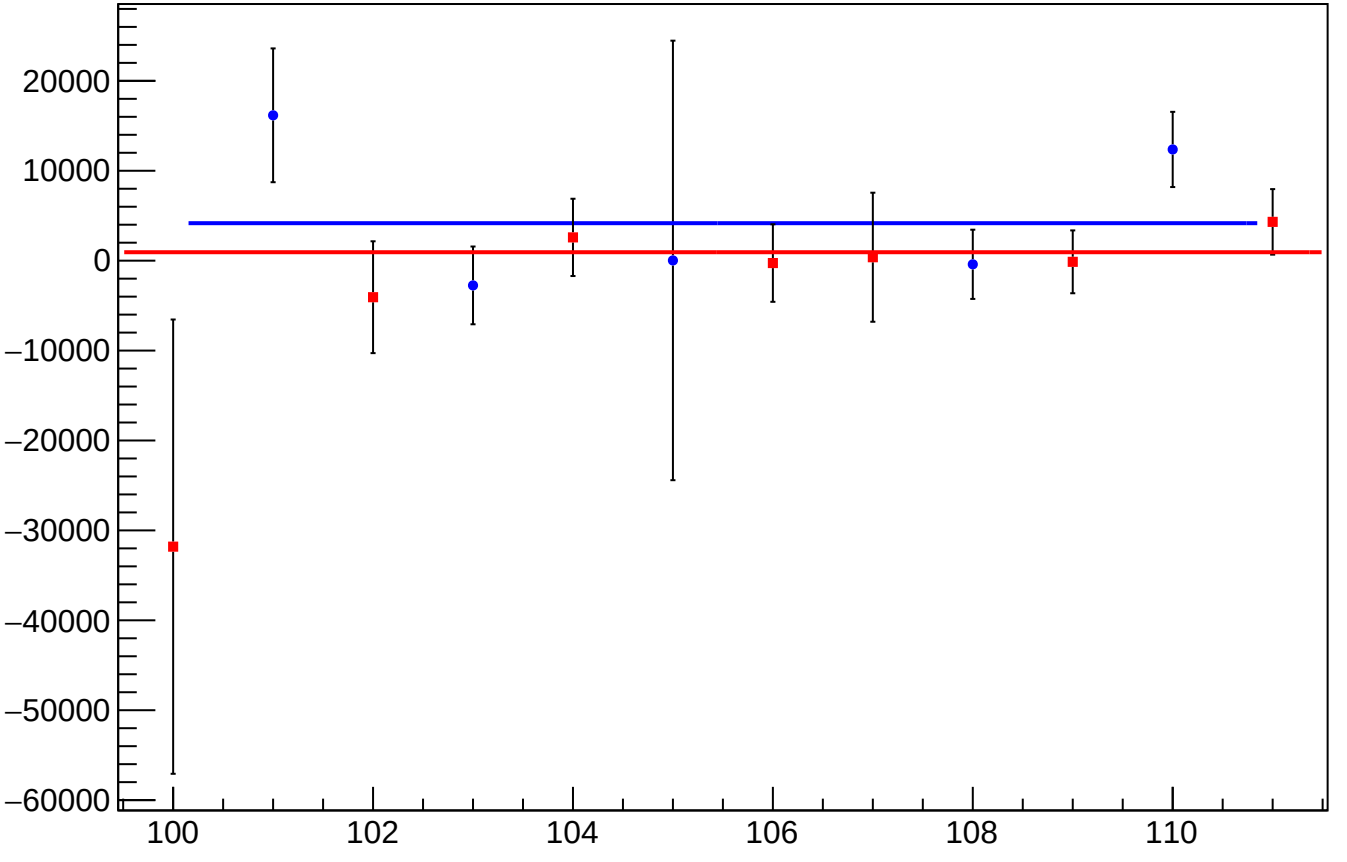
Right Out: 627.866+/-0.347 χ^2/NDF: 816419.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

679.107+/-0.395 χ^2/NDF: 797984.7/4

627.866+/-0.347 χ^2/NDF: 816419.6/6

asym_at1_avg_mean vs slug



Right In: 4169.114+/-2248.270 χ^2/NDF: 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

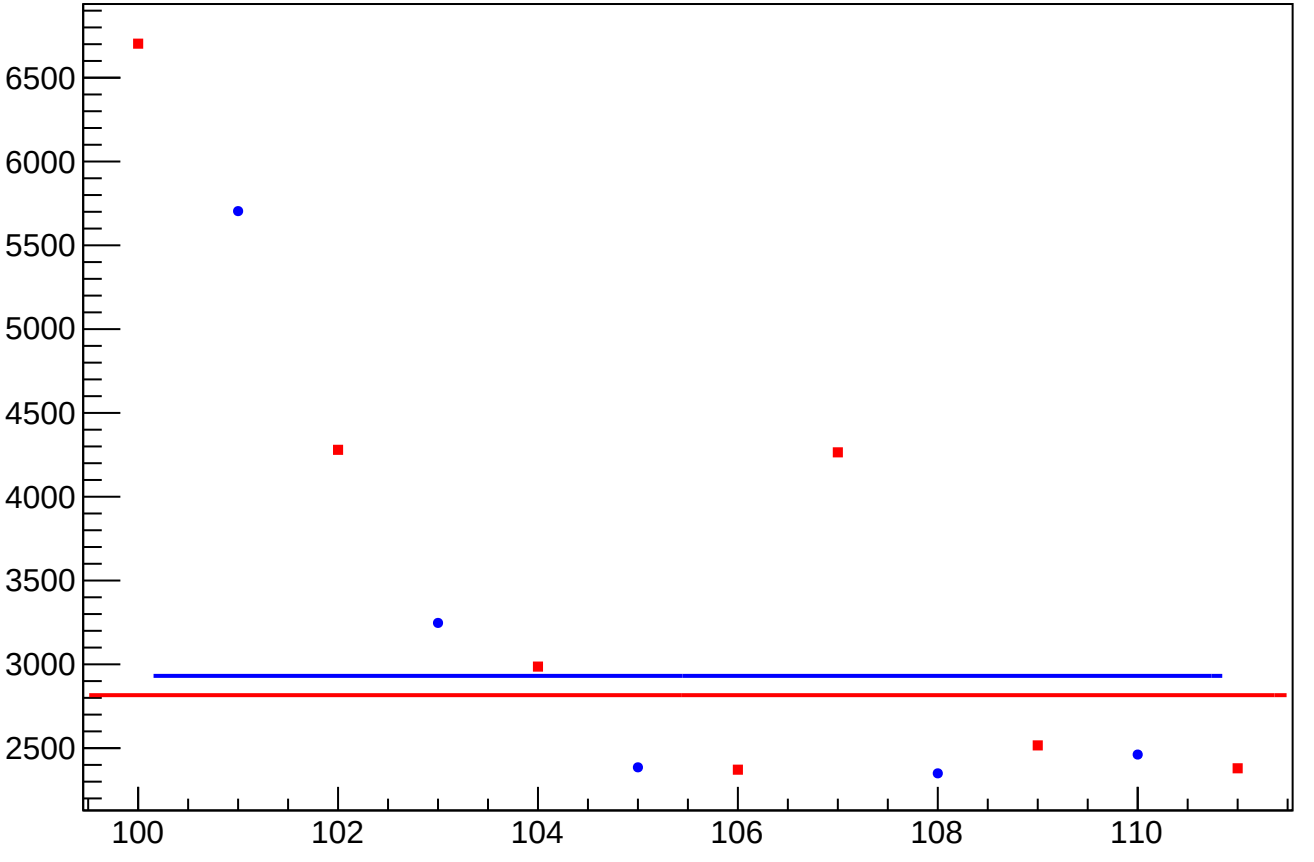
Right Out: 940.007+/-1790.441 χ^2/NDF: 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4169.114+/-2248.270 χ^2/NDF: 10.4/4

940.007+/-1790.441 χ^2/NDF: 3.5/6

asym_at1_avg_rms vs slug



Right In: 2931.168+/-1.590 χ^2/NDF: 360246.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

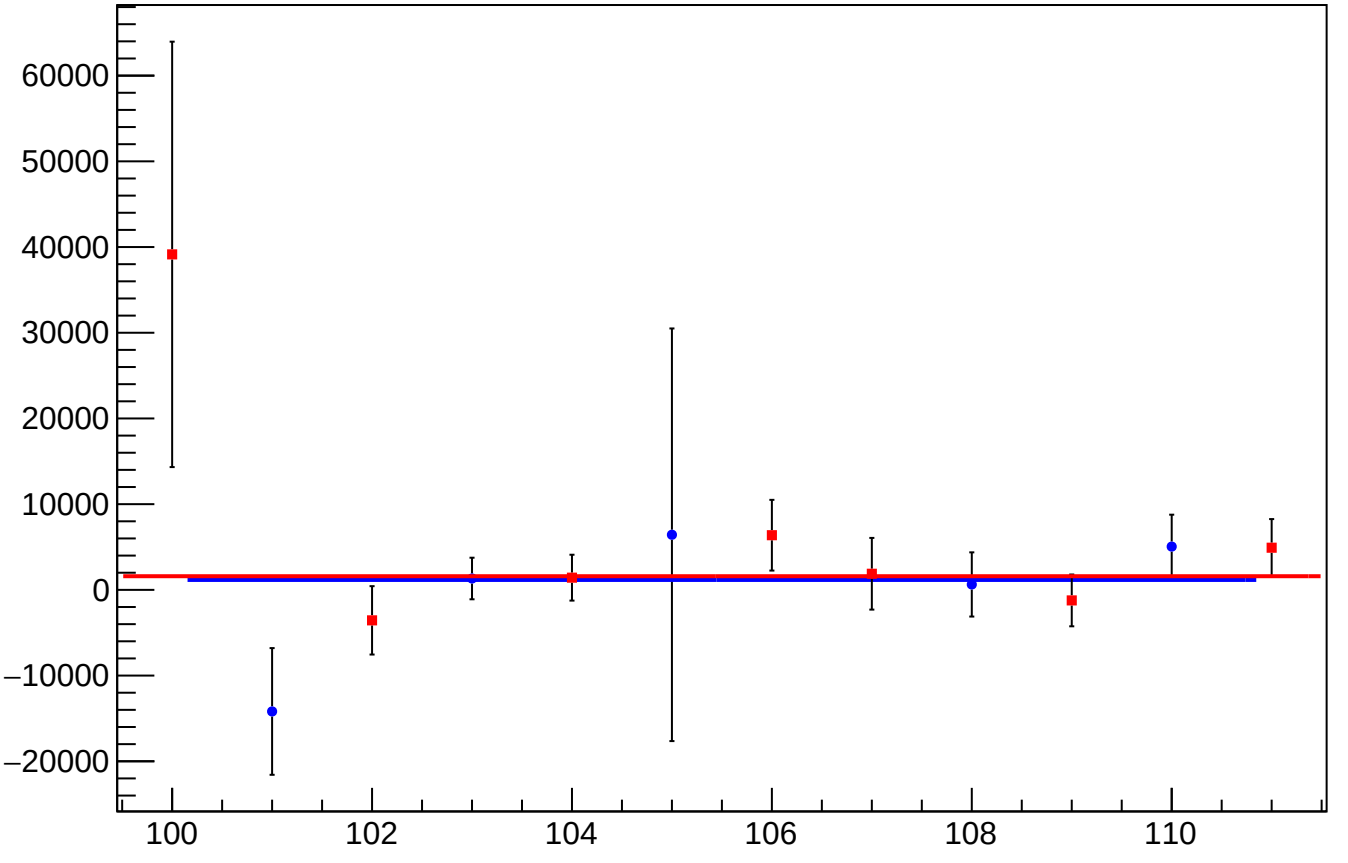
Right Out: 2816.055+/-1.266 χ^2/NDF: 307446.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2931.168+/-1.590 χ^2/NDF: 360246.4/4

2816.055+/-1.266 χ^2/NDF: 307446.6/6

reg_asym_at1_dd_mean vs slug



Right In: 1158.528+/-1731.815 χ^2/NDF: 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

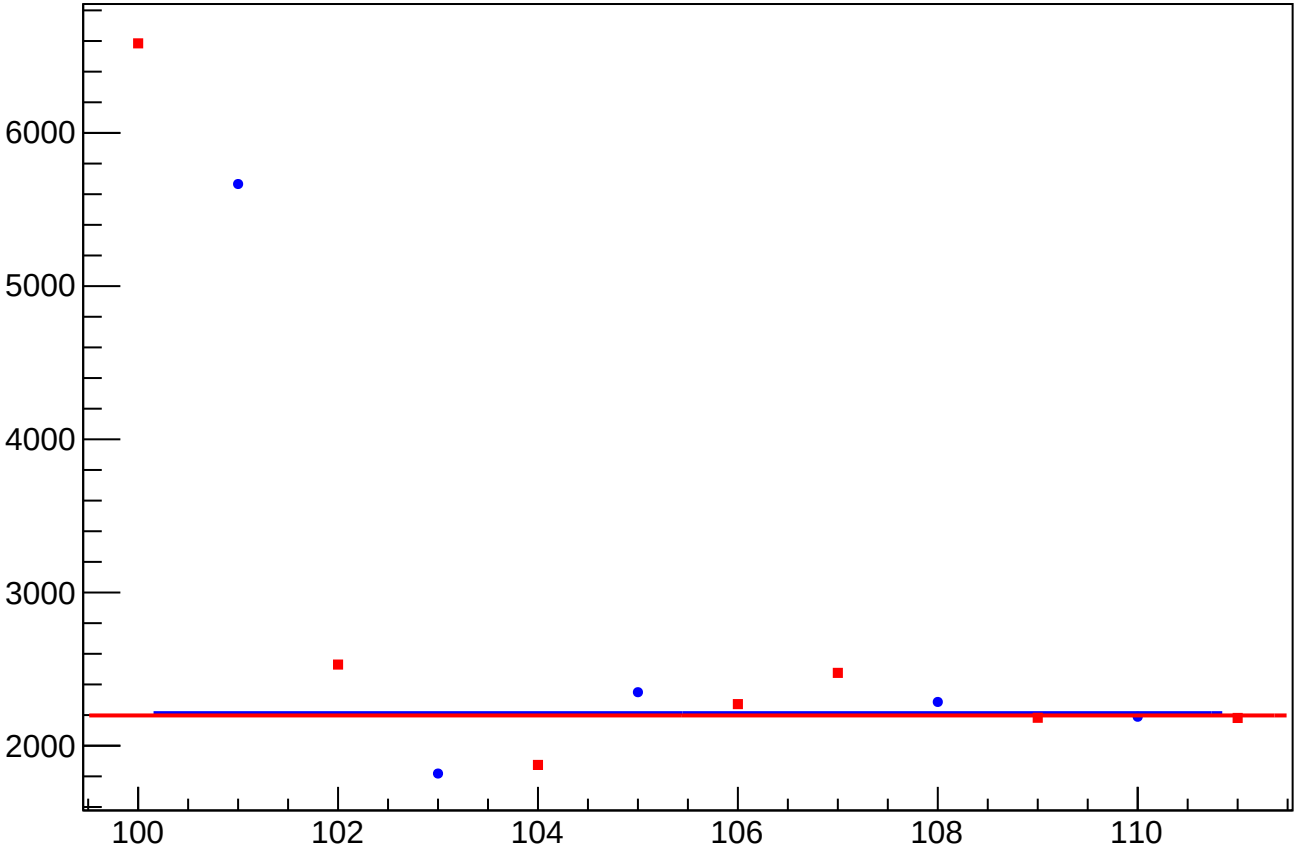
Right Out: 1592.935+/-1387.832 χ^2/NDF: 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1158.528+/-1731.815 χ^2/NDF: 5.5/4

1592.935+/-1387.832 χ^2/NDF: 7.2/6

reg_asym_at1_dd_rms vs slug



Right In: 2212.510+/-1.225 χ^2/NDF: 490409.7/4

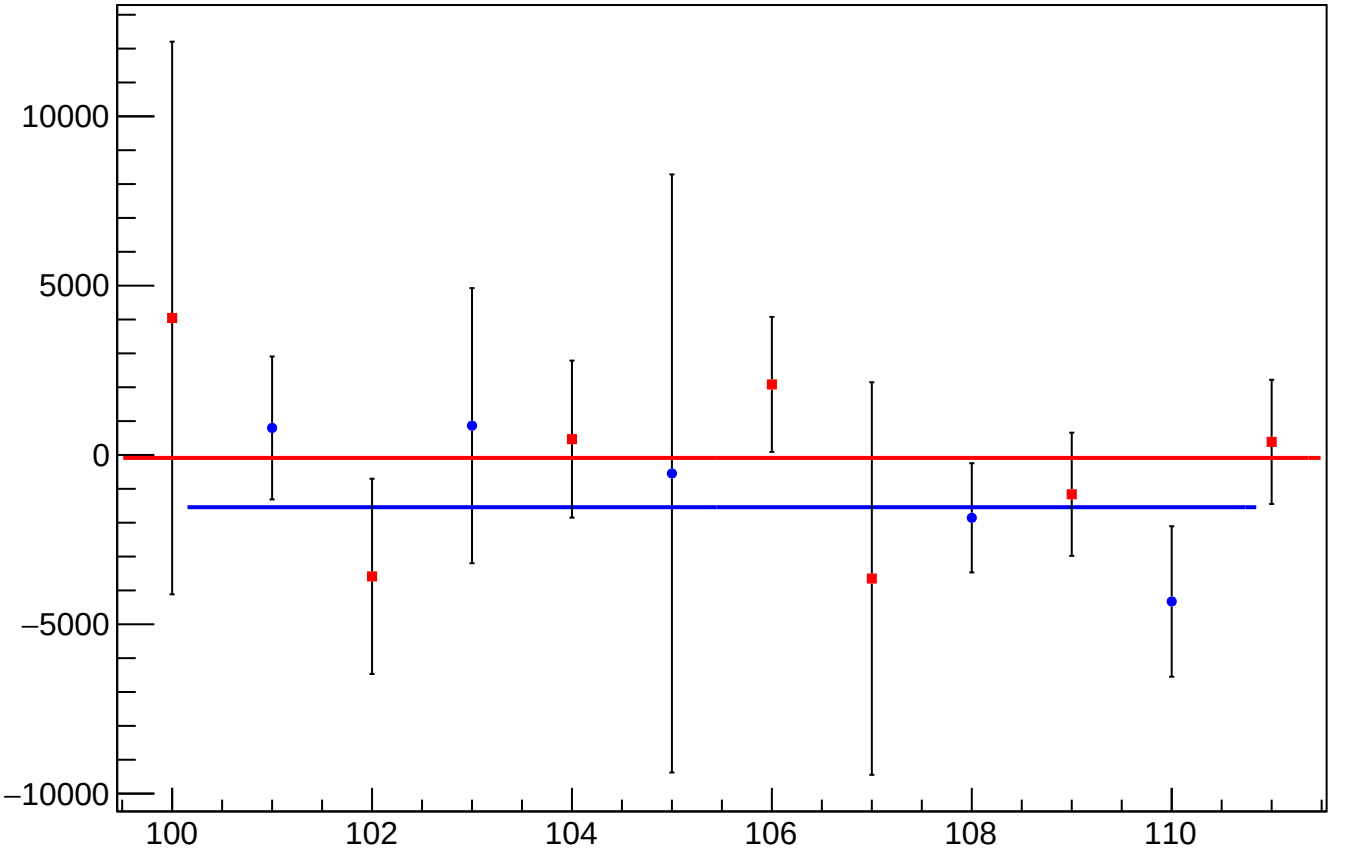
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2197.612+/-0.981 χ^2/NDF: 115071.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2212.510+/-1.225 χ^2/NDF: 490409.7/4

2197.612+/-0.981 χ^2/NDF: 115071.3/6



Right In: -1542.645+/-1063.006 χ^2/NDF: 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

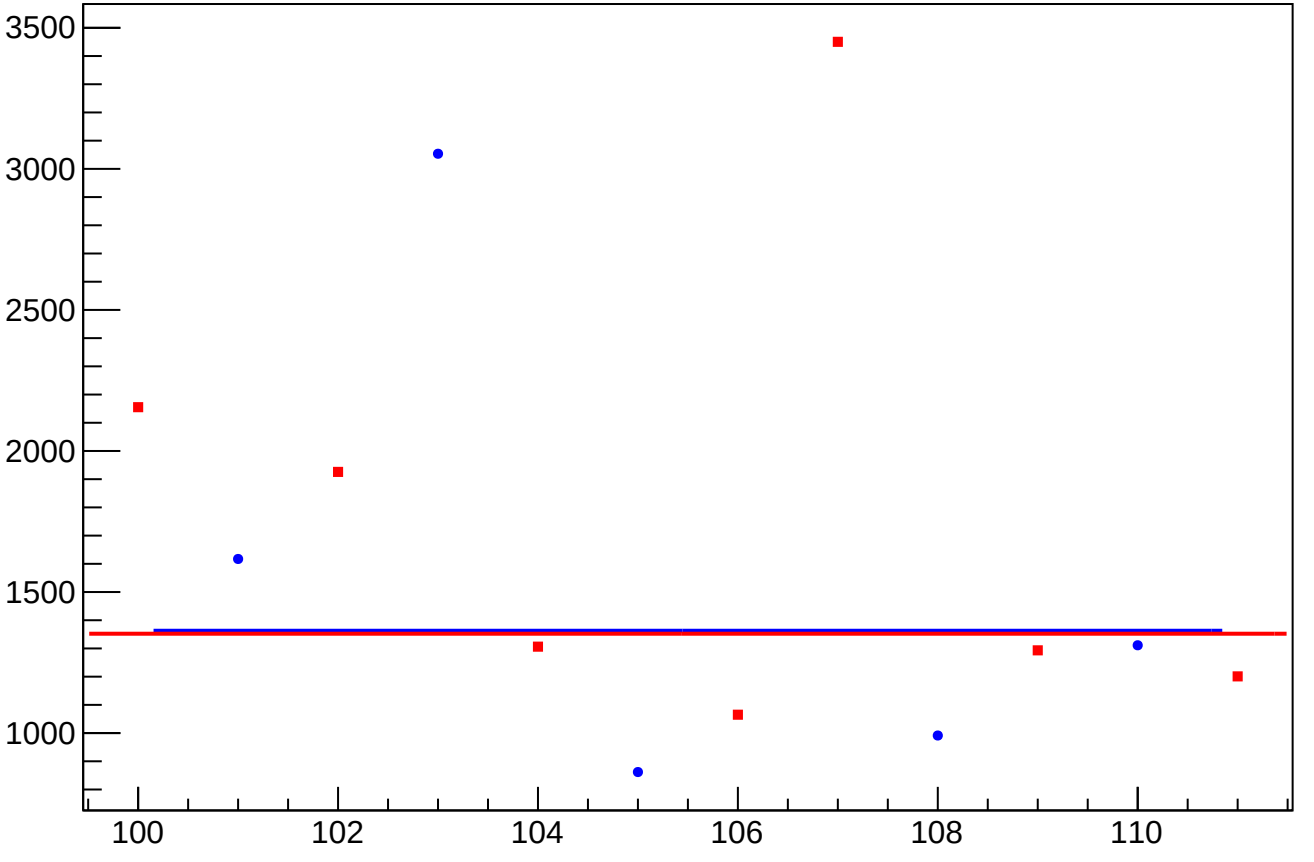
Right Out: -86.617+/-911.978 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1542.645+/-1063.006 χ^2/NDF: 3.2/4

-86.617+/-911.978 χ^2/NDF: 3.8/6

asym_at1_dd_correction_rms vs slug



Right In: 1362.710+/-0.752 χ^2/NDF: 489248.3/4

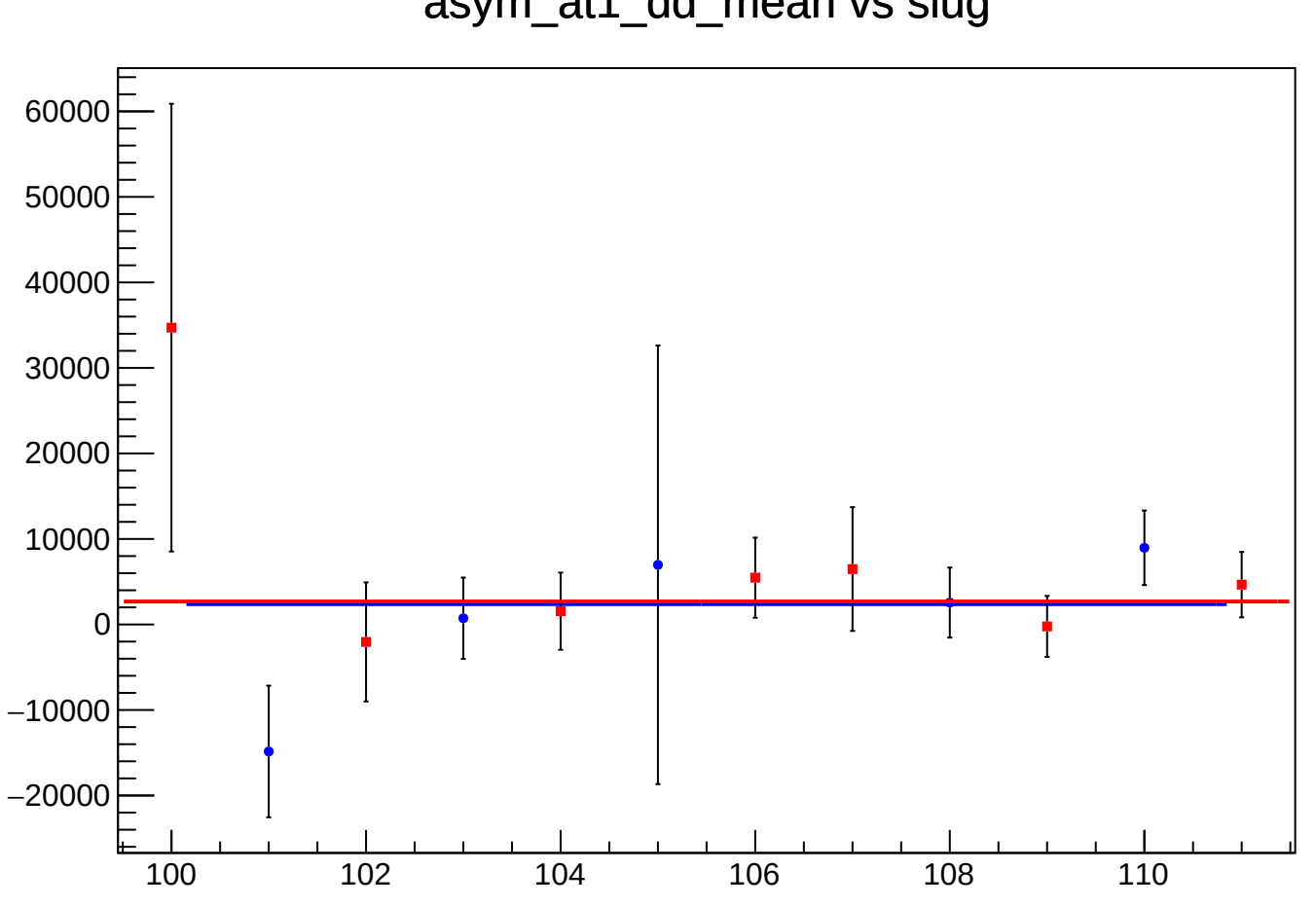
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1352.212+/-0.645 χ^2/NDF: 418538.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1362.710+/-0.752 χ^2/NDF: 489248.3/4

1352.212+/-0.645 χ^2/NDF: 418538.9/6



Right In: 2382.442+/-2391.072 χ^2/NDF: 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

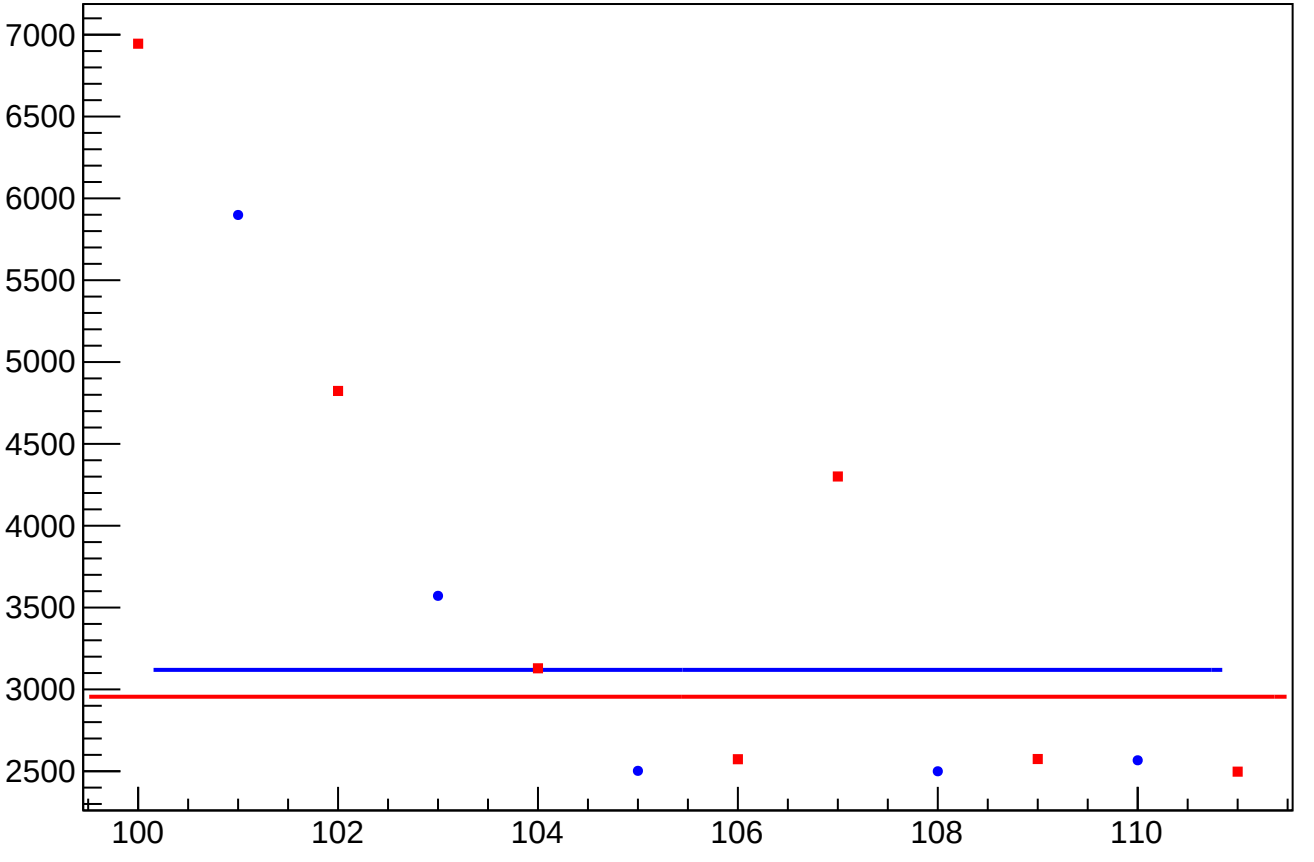
Right Out: 2683.633+/-1880.143 χ^2/NDF: 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2382.442+/-2391.072 χ^2/NDF: 7.5/4

2683.633+/-1880.143 χ^2/NDF: 3.6/6

asym_at1_dd_rms vs slug



Right In: 3119.284+/-1.691 χ^2/NDF: 358167.4/4

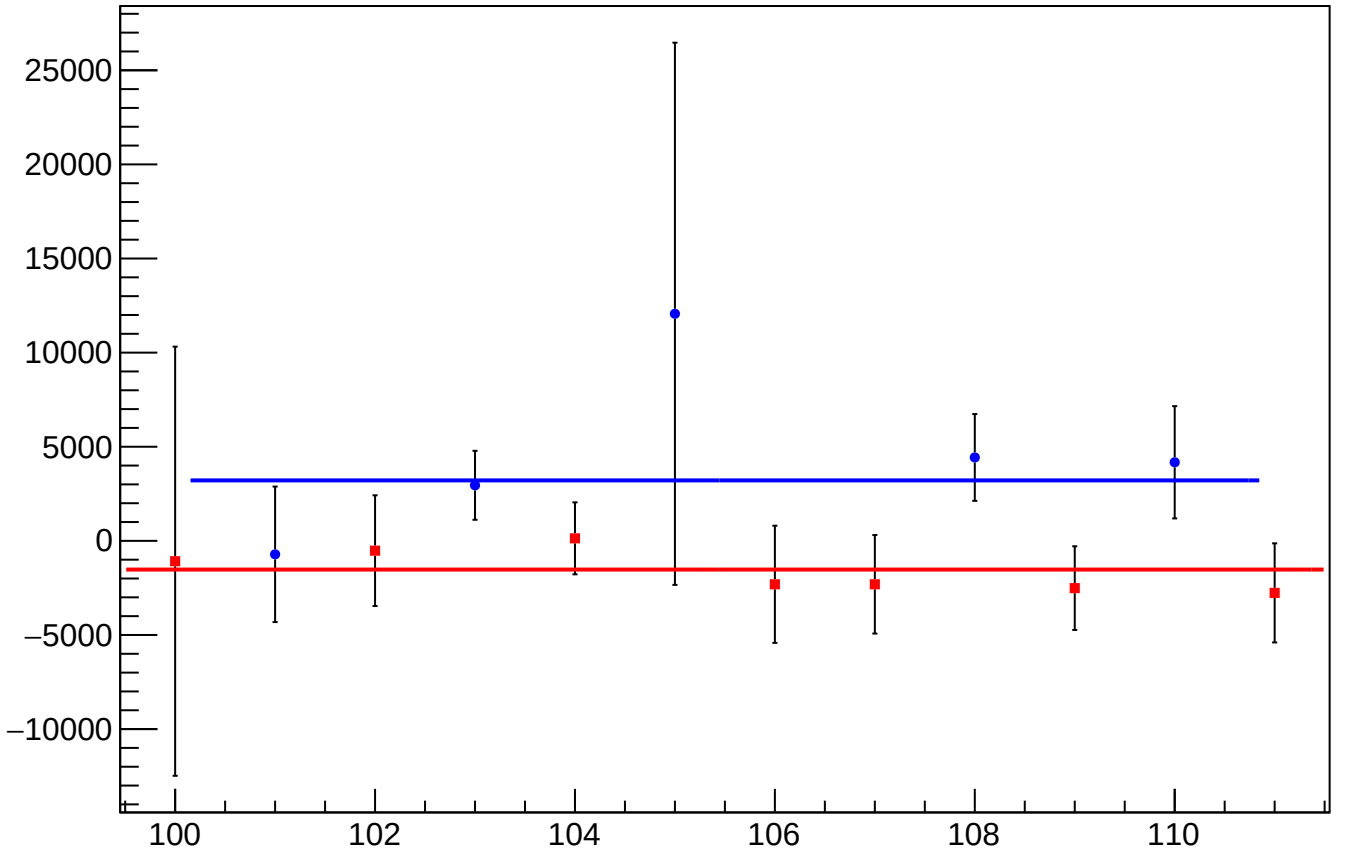
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2955.214+/-1.329 χ^2/NDF: 327377.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3119.284+/-1.691 χ^2/NDF: 358167.4/4

2955.214+/-1.329 χ^2/NDF: 327377.6/6



Right In: 3211.420+/-1212.087 χ^2/NDF: 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

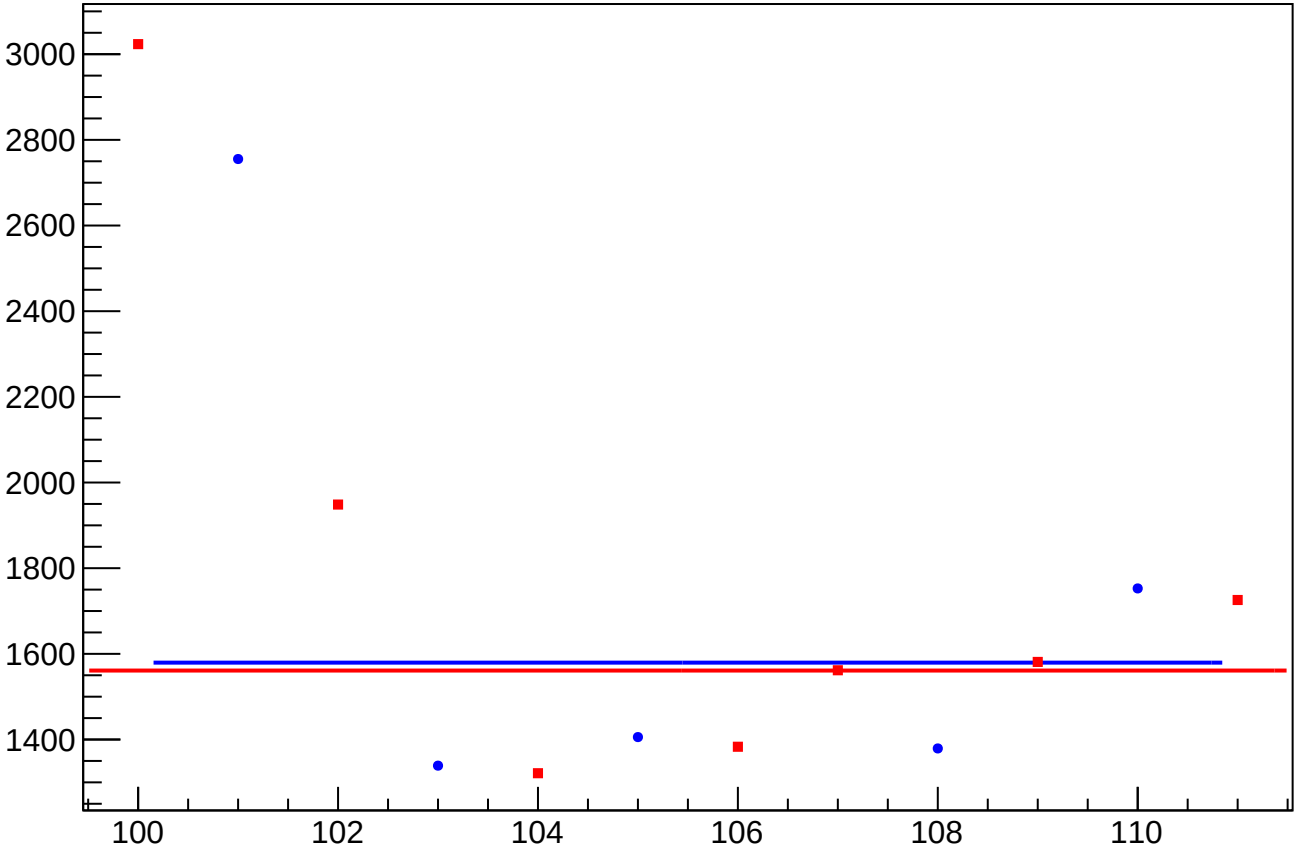
Right Out: -1525.108+/-1003.451 χ^2/NDF: 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3211.420+/-1212.087 χ^2/NDF: 2.0/4

-1525.108+/-1003.451 χ^2/NDF: 1.4/6

reg_asym_at2_avg_rms vs slug



Right In: 1579.514+/-0.857 χ^2/NDF: 270027.6/4

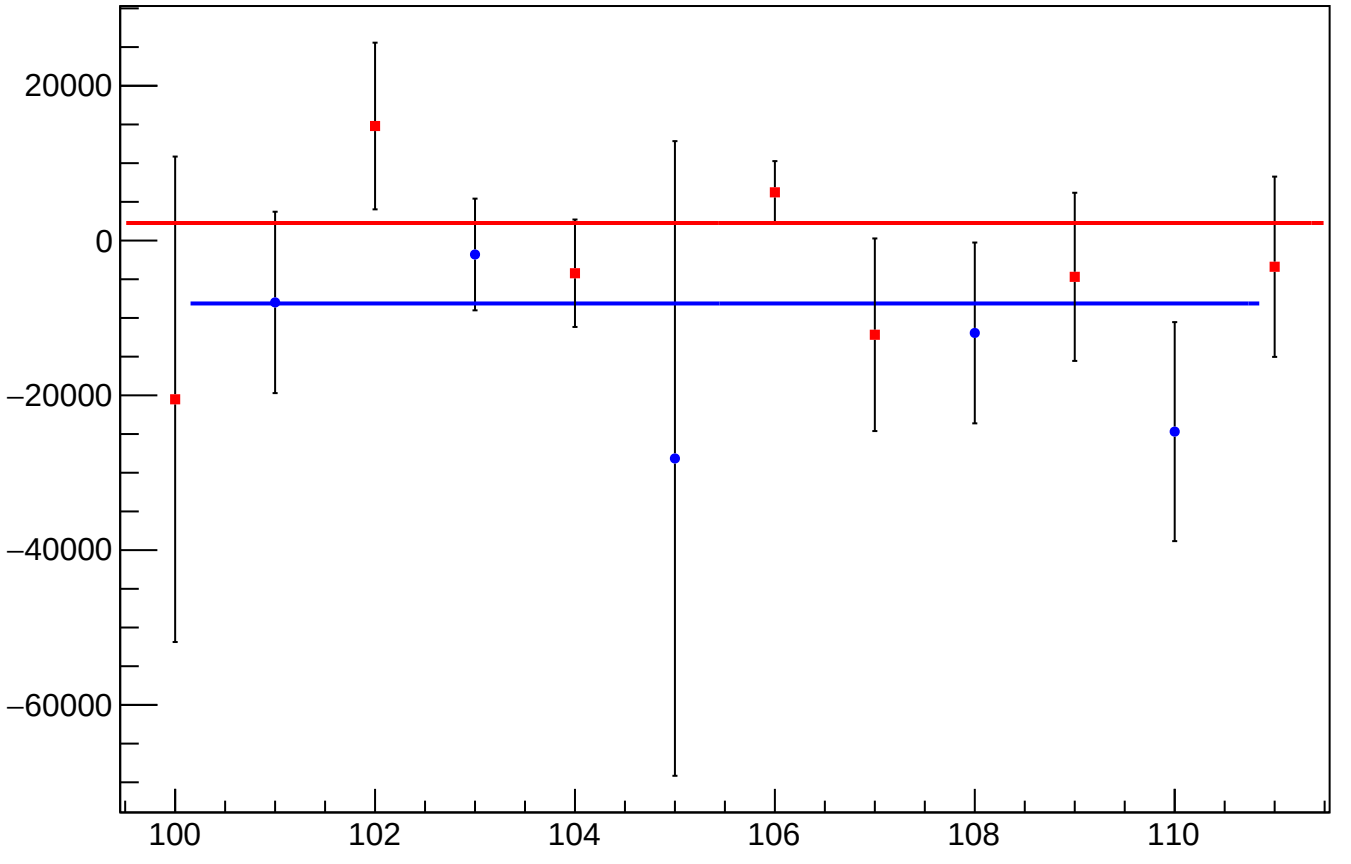
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1561.025+/-0.710 χ^2/NDF: 113621.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1579.514+/-0.857 χ^2/NDF: 270027.6/4

1561.025+/-0.710 χ^2/NDF: 113621.5/6



Right In: -8128.799+/-5037.766 χ^2/NDF: 2.5/4

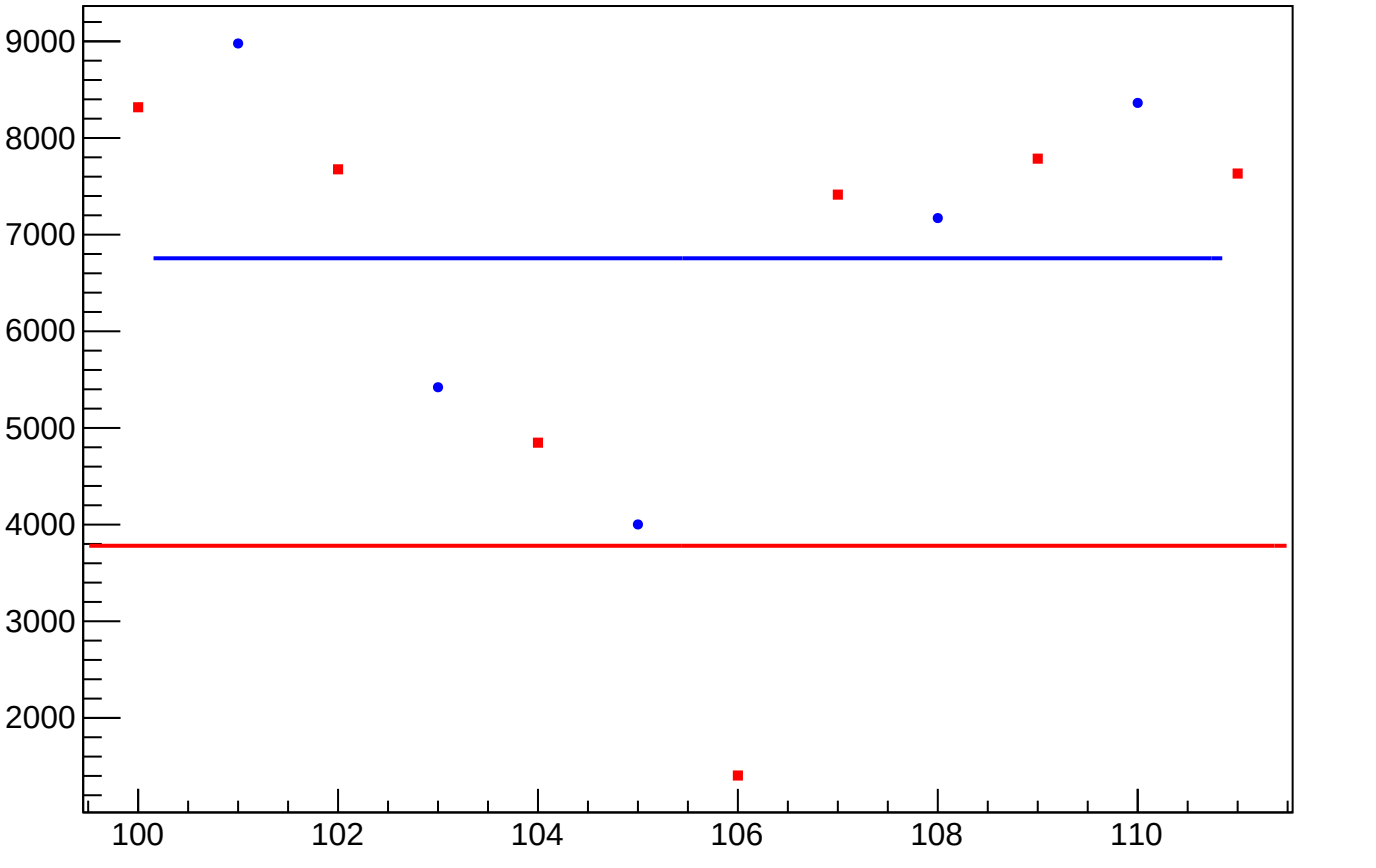
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2268.473+/-2959.578 χ^2/NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-8128.799+/-5037.766 χ^2/NDF: 2.5/4

2268.473+/-2959.578 χ^2/NDF: 5.7/6



Right In: 6755.503+/-3.562 χ^2/NDF: 177687.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

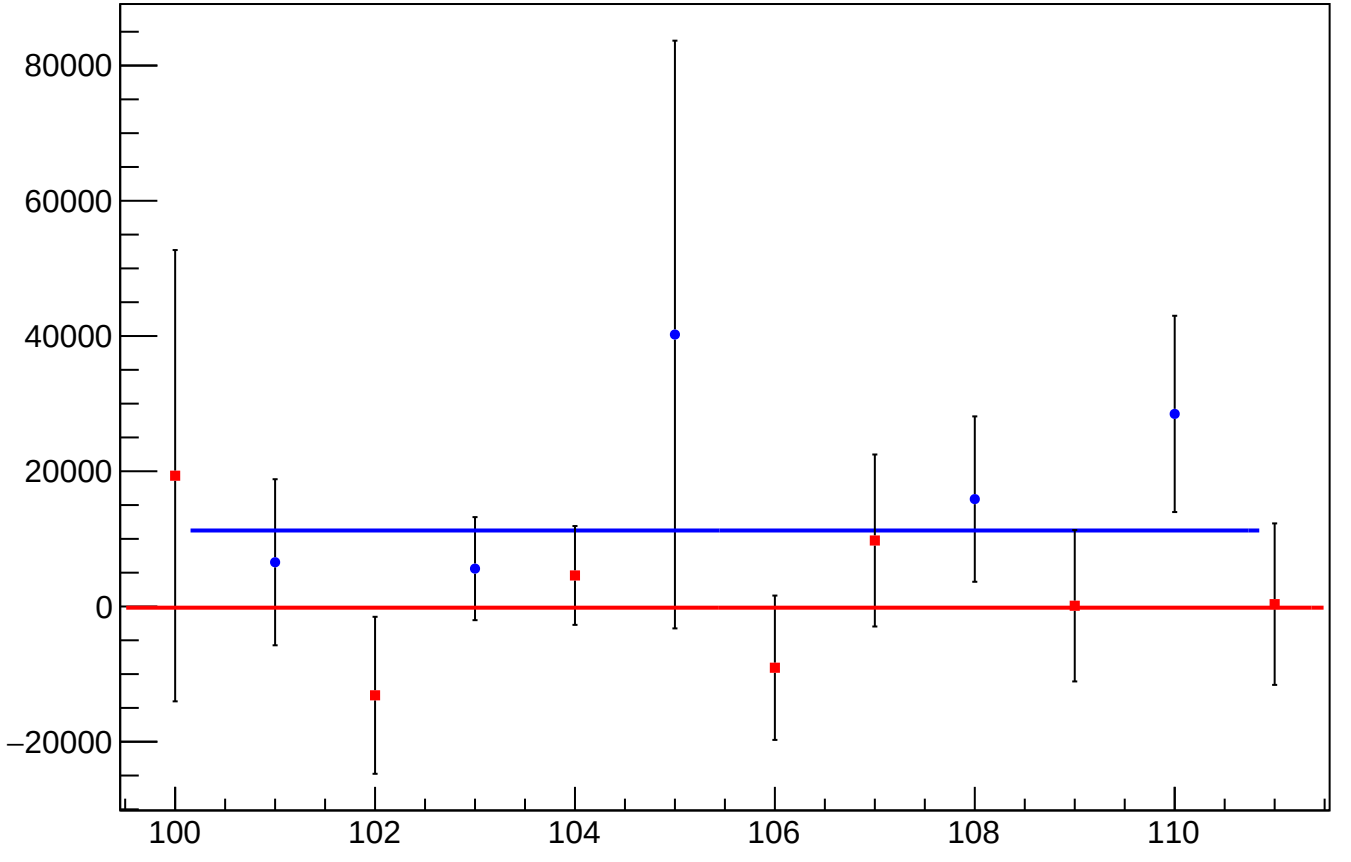
Right Out: 3781.225+/-2.093 χ^2/NDF: 1706322.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6755.503+/-3.562 χ^2/NDF: 177687.0/4

3781.225+/-2.093 χ^2/NDF: 1706322.2/6

asym_at2_avg_mean vs slug



Right In: 11238.829+/-5284.522 χ^2/NDF: 2.7/4

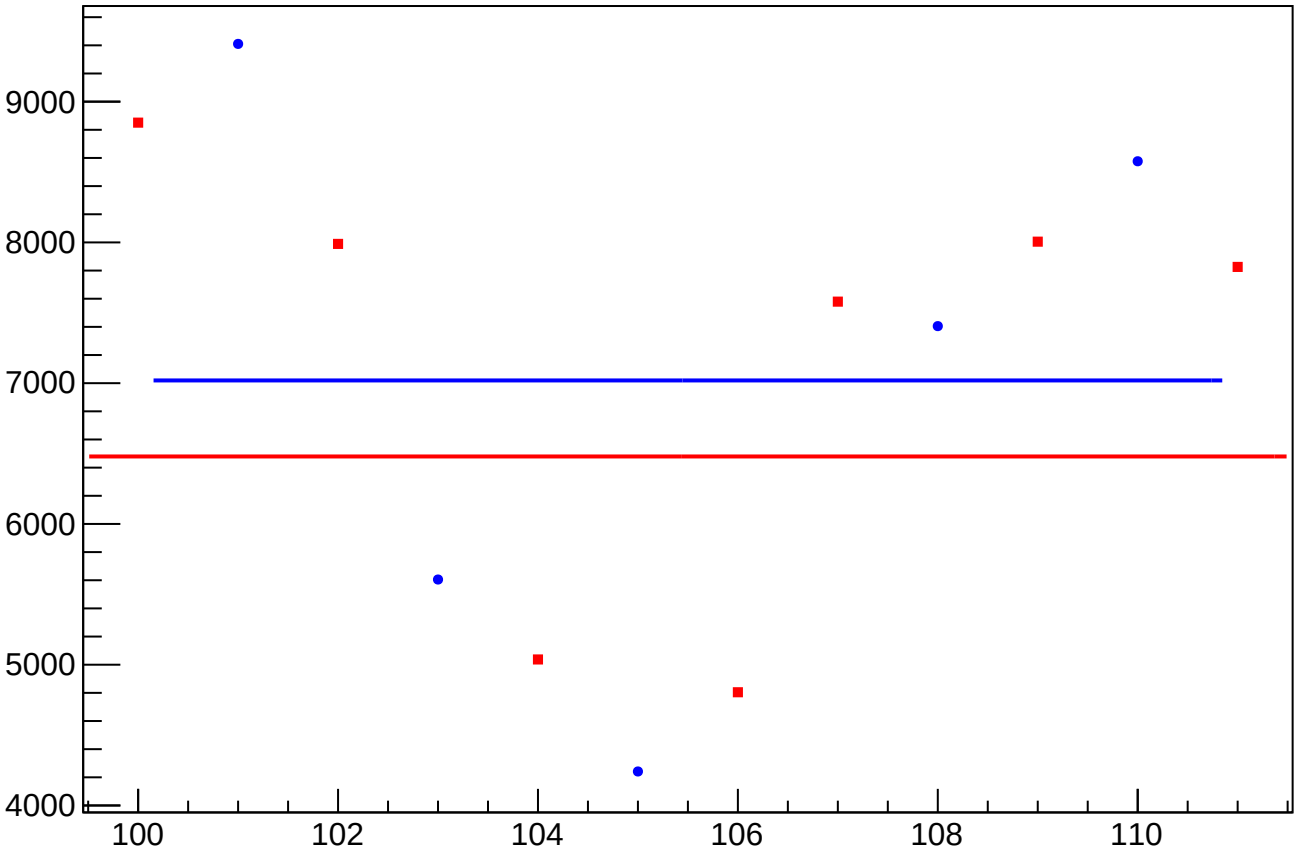
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -176.104+/-4189.008 χ^2/NDF: 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

11238.829+/-5284.522 χ^2/NDF: 2.7/4

-176.104+/-4189.008 χ^2/NDF: 3.3/6



Right In: 7019.459+/-3.736 χ^2/NDF: 177870.7/4

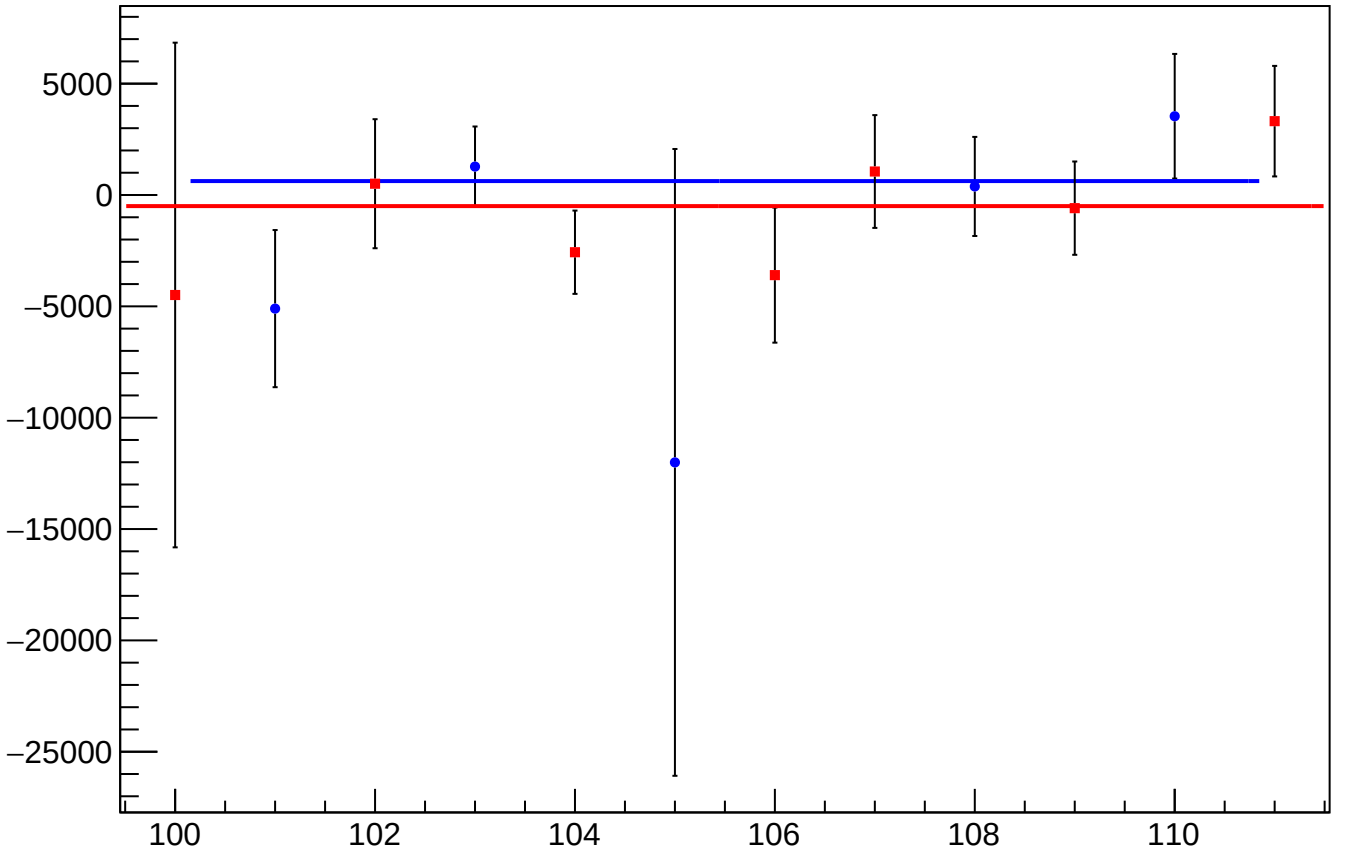
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6479.337+/-2.961 χ^2/NDF: 248777.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

7019.459+/-3.736 χ^2/NDF: 177870.7/4

6479.337+/-2.961 χ^2/NDF: 248777.5/6



Right In: 625.465+/-1175.480 χ^2/NDF: 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

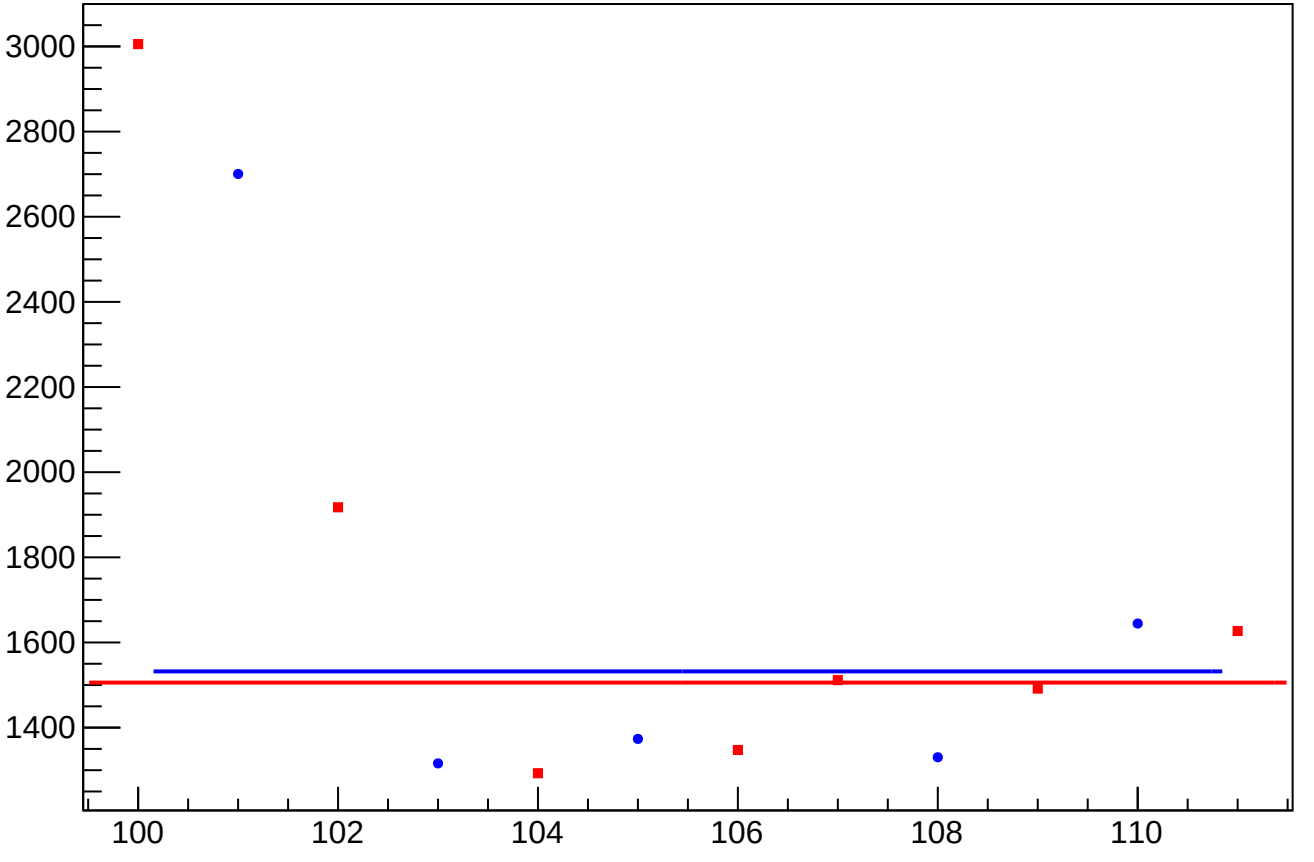
Right Out: -498.382+/-967.753 χ^2/NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

625.465+/-1175.480 χ^2/NDF: 4.7/4

-498.382+/-967.753 χ^2/NDF: 5.3/6

reg_asym_at2_dd_rms vs slug



Right In: 1532.051+/-0.831 χ^2/NDF: 268093.1/4

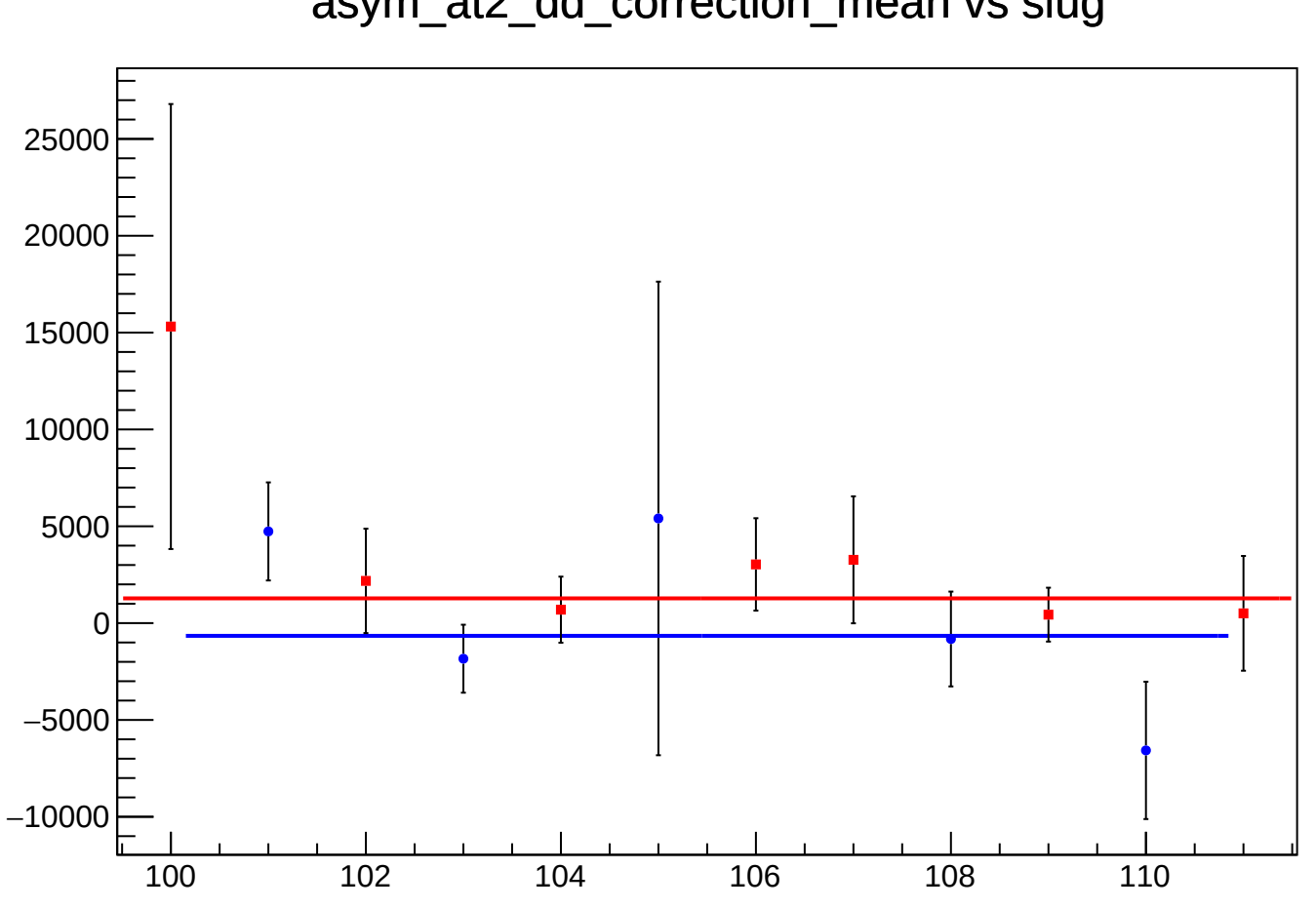
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1505.782+/-0.684 χ^2/NDF: 111693.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1532.051+/-0.831 χ^2/NDF: 268093.1/4

1505.782+/-0.684 χ^2/NDF: 111693.5/6



Right In: -656.741+/-1167.129 χ^2/NDF: 8.0/4

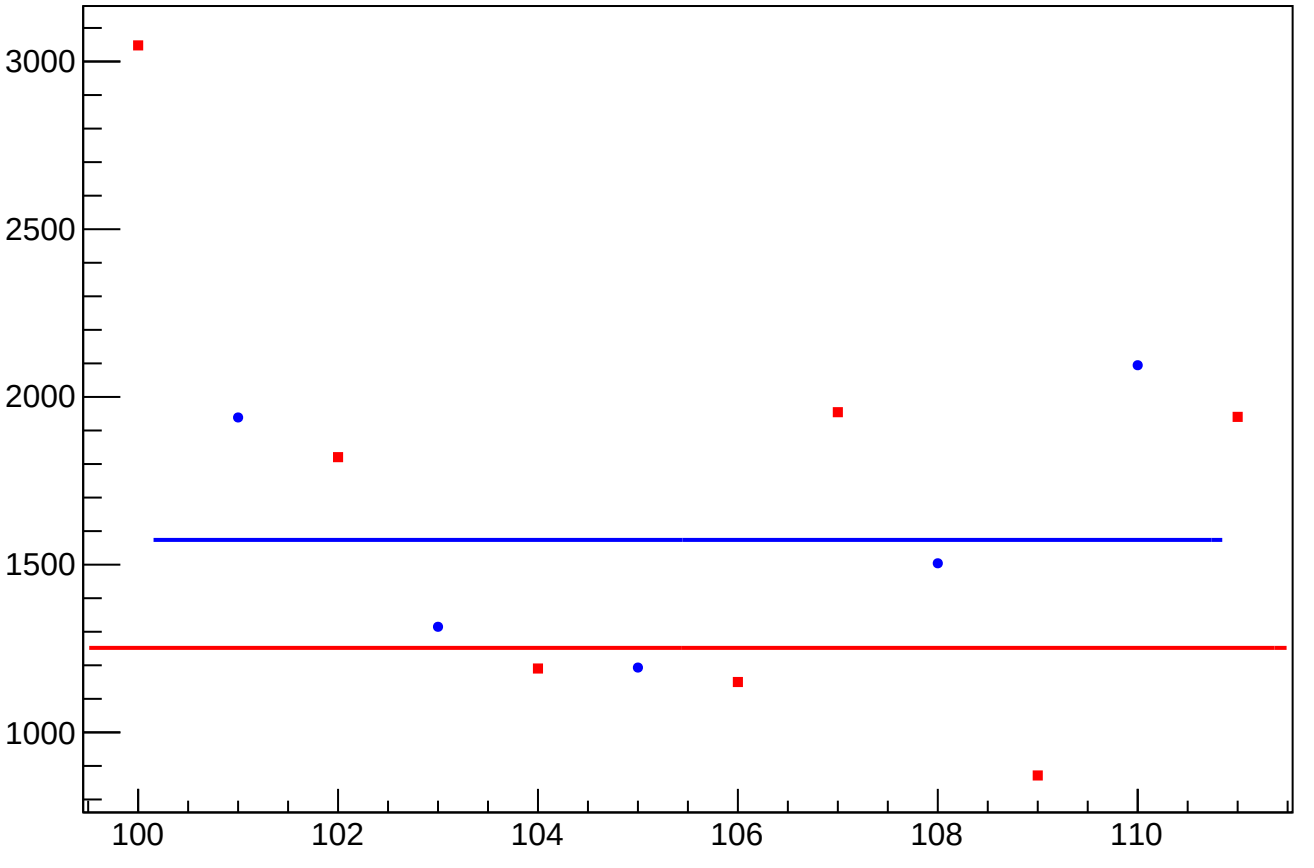
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1277.886+/-848.418 χ^2/NDF: 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-656.741+/-1167.129 χ^2/NDF: 8.0/4

1277.886+/-848.418 χ^2/NDF: 3.1/6



Right In: 1573.794+/-0.825 χ^2/NDF: 131860.0/4

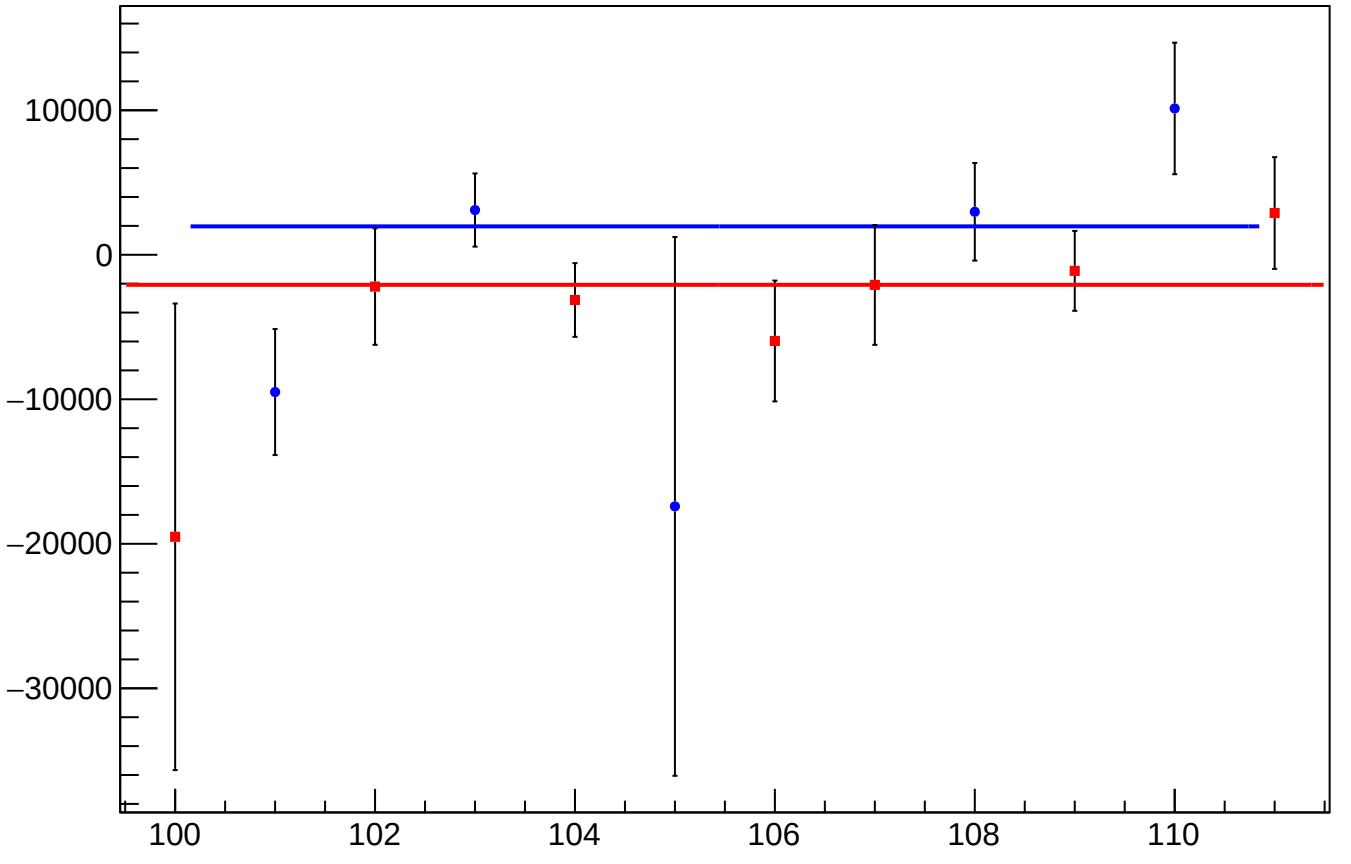
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1251.917+/-0.600 χ^2/NDF: 493769.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1573.794+/-0.825 χ^2/NDF: 131860.0/4

1251.917+/-0.600 χ^2/NDF: 493769.5/6



Right In: 1965.992+/-1696.402 χ^2/NDF: 11.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

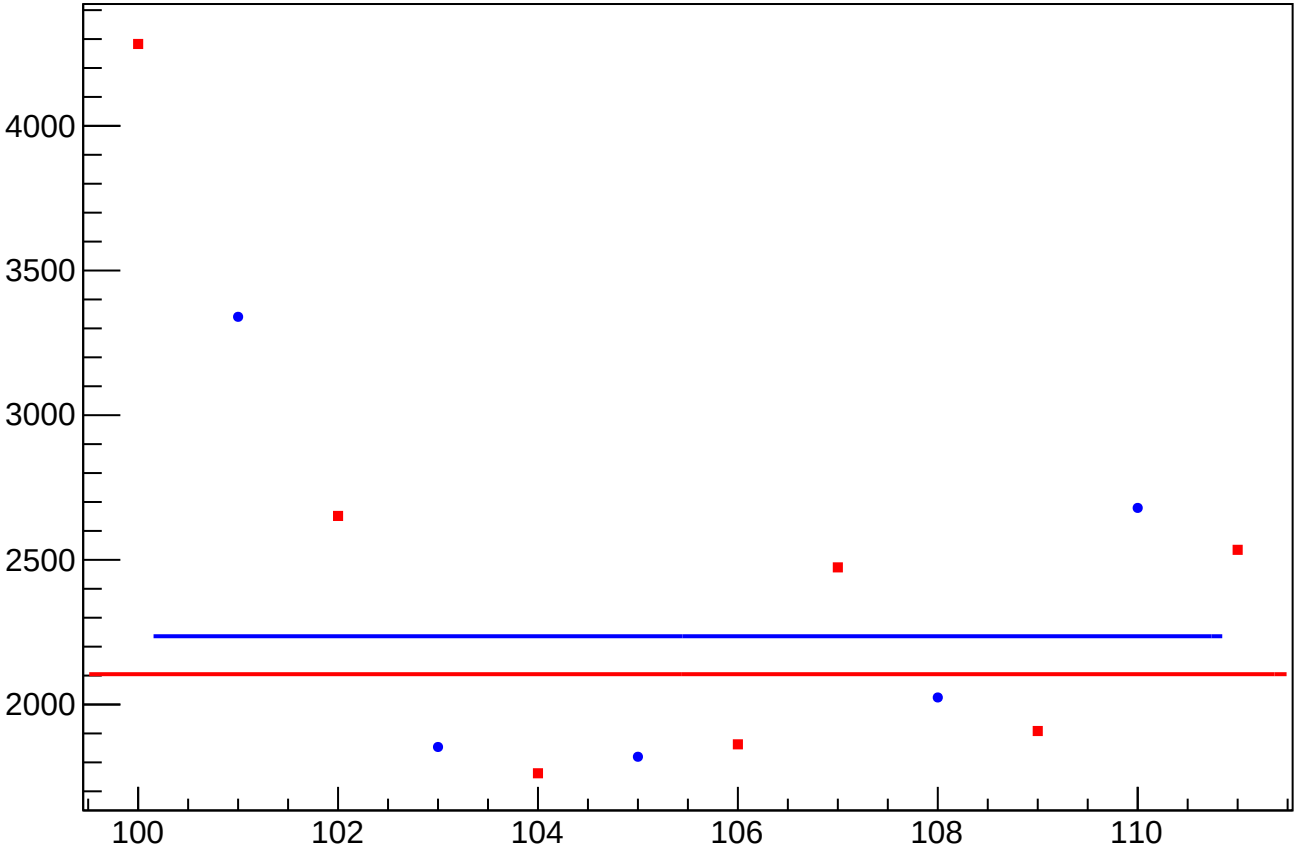
Right Out: -2078.635+/-1370.521 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1965.992+/-1696.402 χ^2/NDF: 11.5/4

-2078.635+/-1370.521 χ^2/NDF: 4.0/6

asym_at2_dd_rms vs slug



Right In: 2235.972+/-1.200 χ^2/NDF: 201755.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

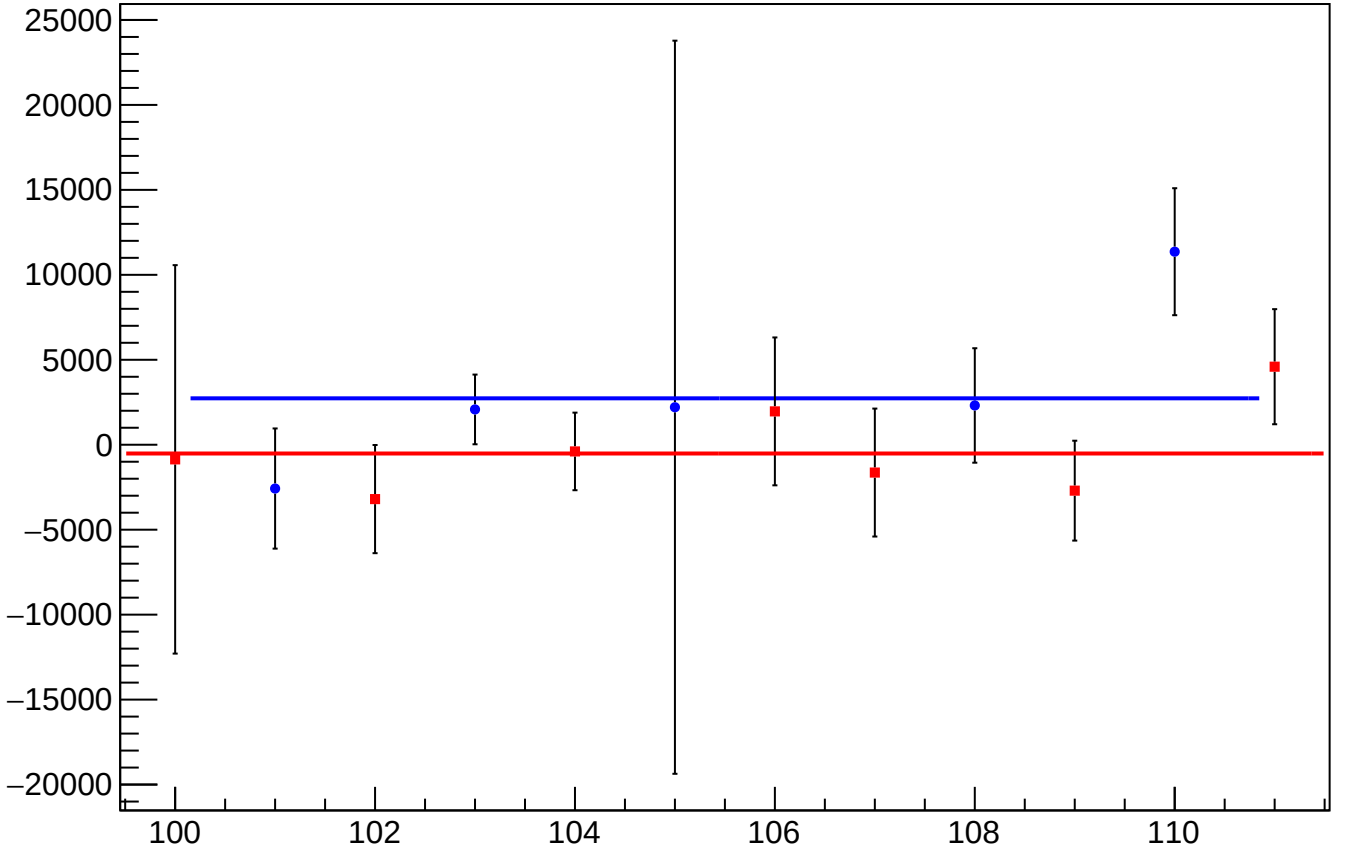
Right Out: 2104.837+/-0.969 χ^2/NDF: 166721.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2235.972+/-1.200 χ^2/NDF: 201755.0/4

2104.837+/-0.969 χ^2/NDF: 166721.1/6

reg_asym_atl1r2_avg_mean vs slug



Right In: 2731.533+/-1444.016 χ^2/NDF: 7.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

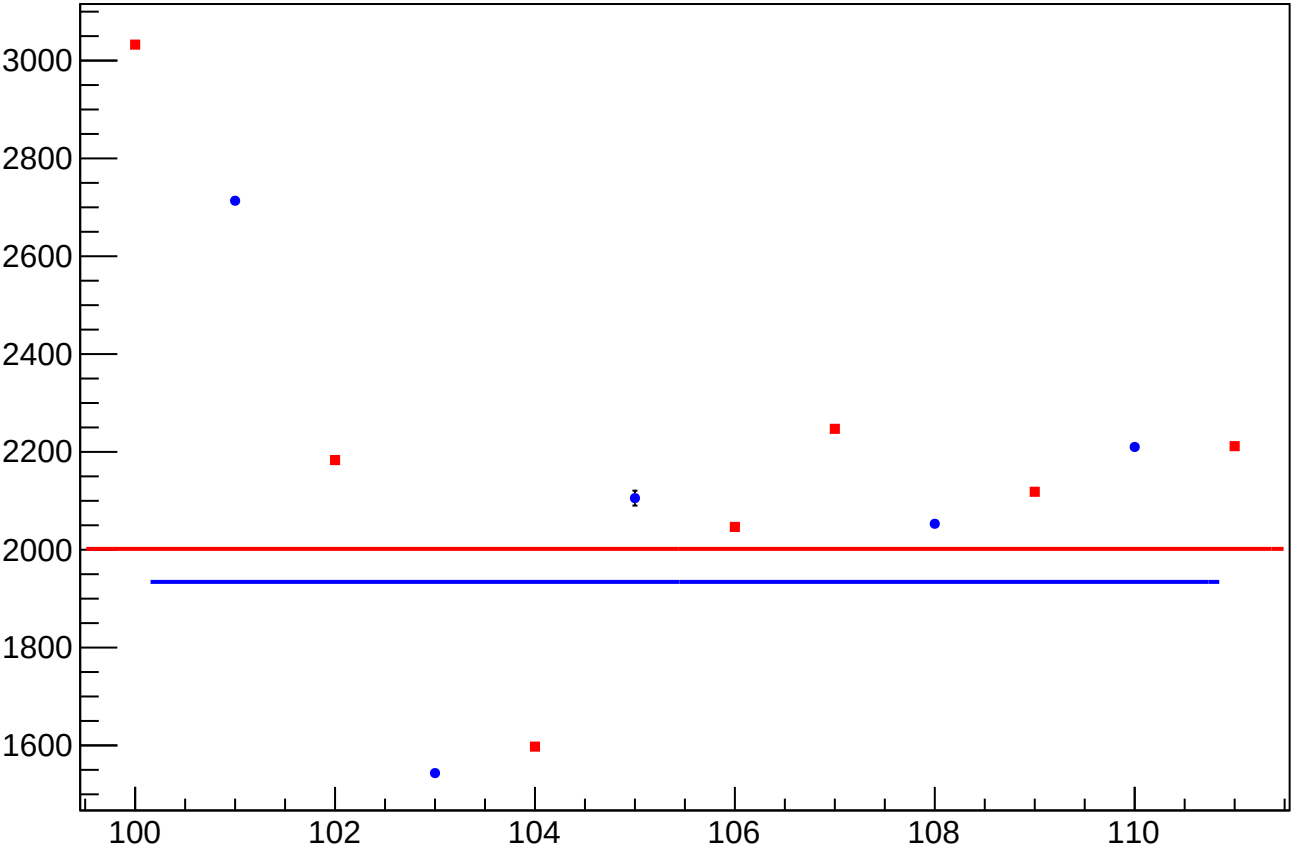
Right Out: -515.730+/-1265.445 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2731.533+/-1444.016 χ^2/NDF: 7.7/4

-515.730+/-1265.445 χ^2/NDF: 4.0/6

reg_asym_atl1r2_avg_rms vs slug



Right In: 1934.256+/-1.021 χ^2/NDF: 183256.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

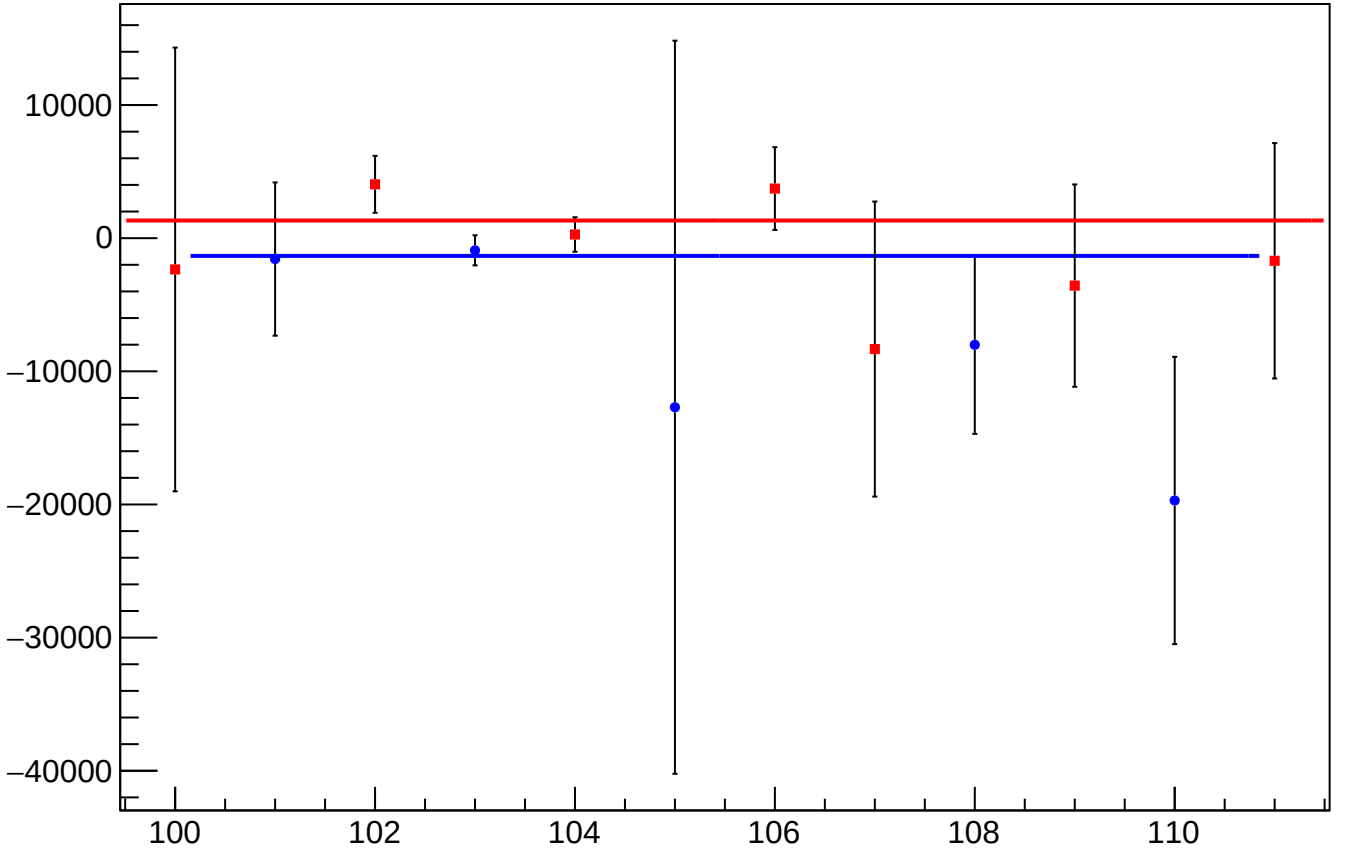
Right Out: 2001.780+/-0.891 χ^2/NDF: 105052.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1934.256+/-1.021 χ^2/NDF: 183256.2/4

2001.780+/-0.891 χ^2/NDF: 105052.1/6

asym_atl1r2_avg_correction_mean vs slug



Right In: -1332.078+/-1086.495 χ^2/NDF: 4.2/4

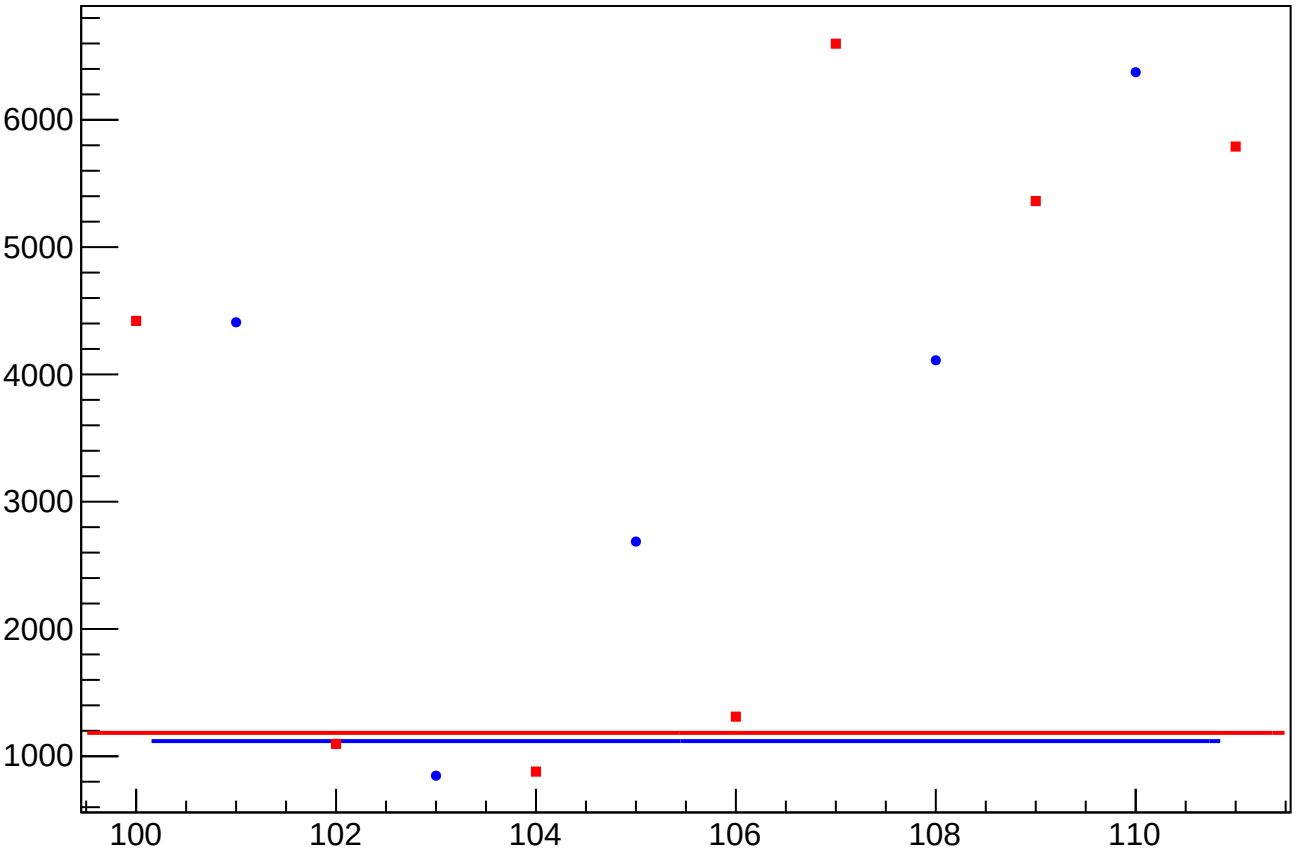
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1327.707+/-1020.695 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1332.078+/-1086.495 χ^2/NDF: 4.2/4

1327.707+/-1020.695 χ^2/NDF: 4.2/6



Right In: 1119.157+/-0.768 χ^2/NDF: 1650194.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

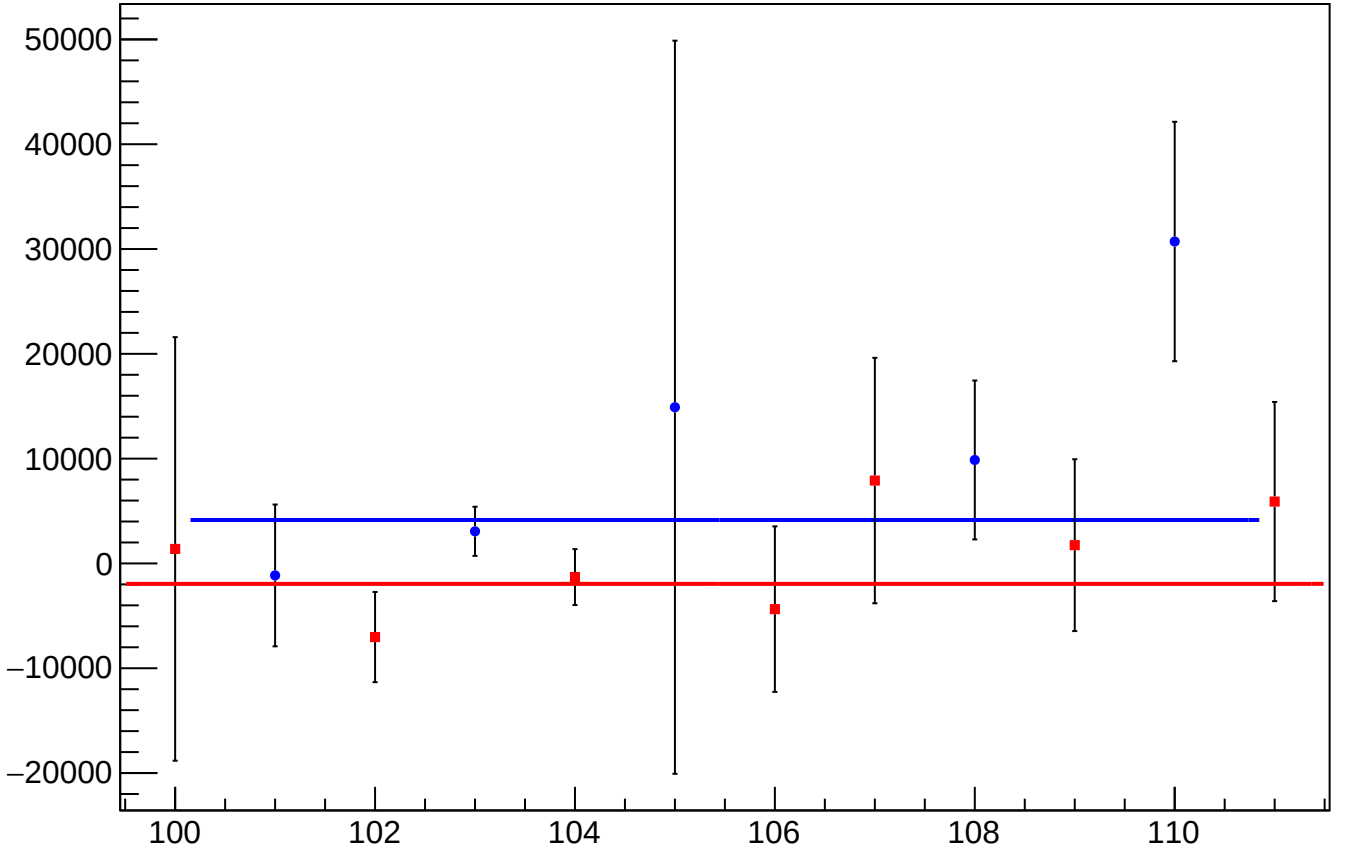
Right Out: 1183.741+/-0.722 χ^2/NDF: 1818237.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1119.157+/-0.768 χ^2/NDF: 1650194.2/4

1183.741+/-0.722 χ^2/NDF: 1818237.0/6

asym_atl1r2_avg_mean vs slug



Right In: 4144.508+/-2086.988 χ^2/NDF: 6.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

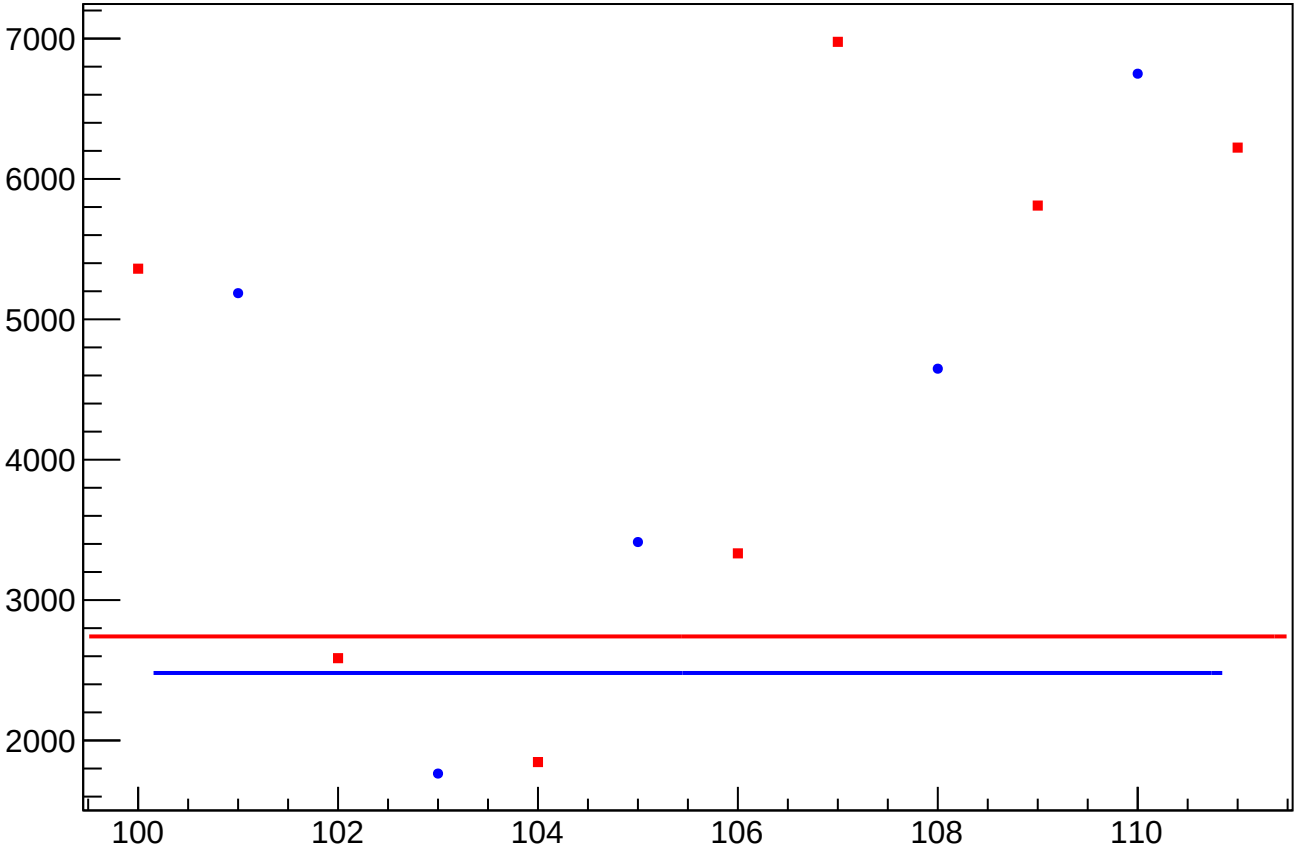
Right Out: -1947.825+/-2015.285 χ^2/NDF: 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4144.508+/-2086.988 χ^2/NDF: 6.9/4

-1947.825+/-2015.285 χ^2/NDF: 3.2/6

asym_atl1r2_avg_rms vs slug



Right In: 2480.717+/-1.476 χ^2/NDF: 951005.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

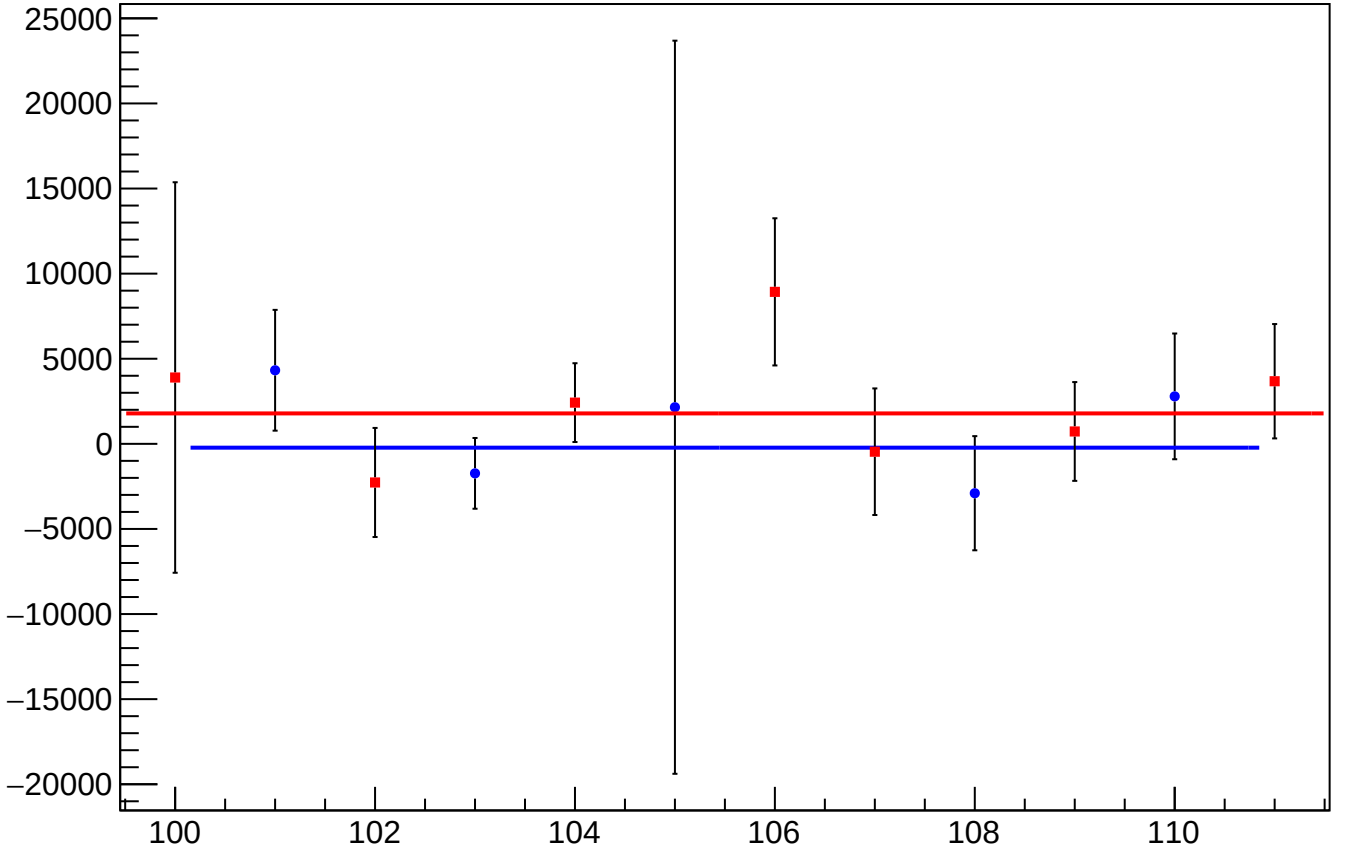
Right Out: 2741.026+/-1.410 χ^2/NDF: 1086793.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2480.717+/-1.476 χ^2/NDF: 951005.7/4

2741.026+/-1.410 χ^2/NDF: 1086793.2/6

reg_asym_atl1r2_dd_mean vs slug



Right In: -224.838+/-1450.628 χ^2/NDF: 3.5/4

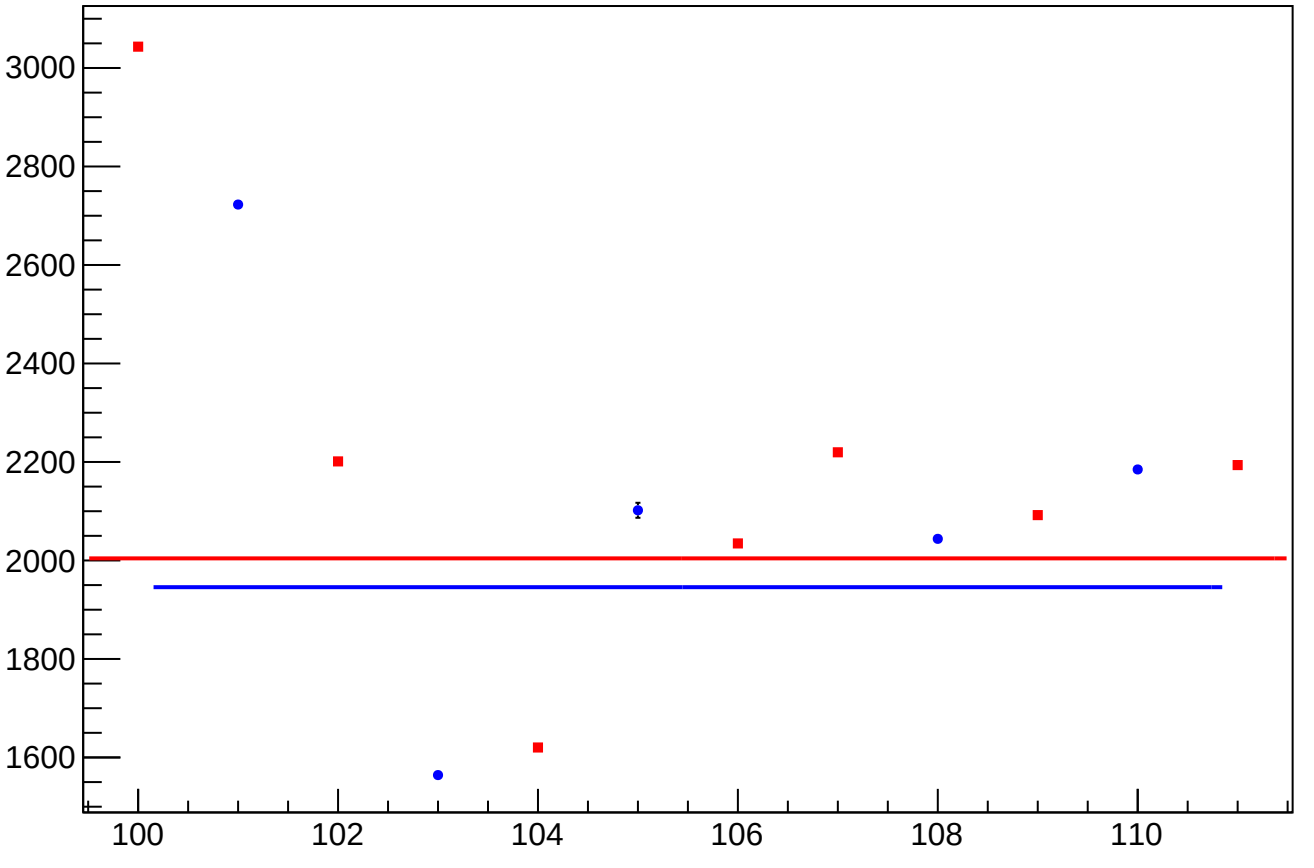
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1787.896+/-1265.146 χ^2/NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-224.838+/-1450.628 χ^2/NDF: 3.5/4

1787.896+/-1265.146 χ^2/NDF: 5.3/6



Right In: 1945.760+/-1.026 χ^2/NDF: 173460.8/4

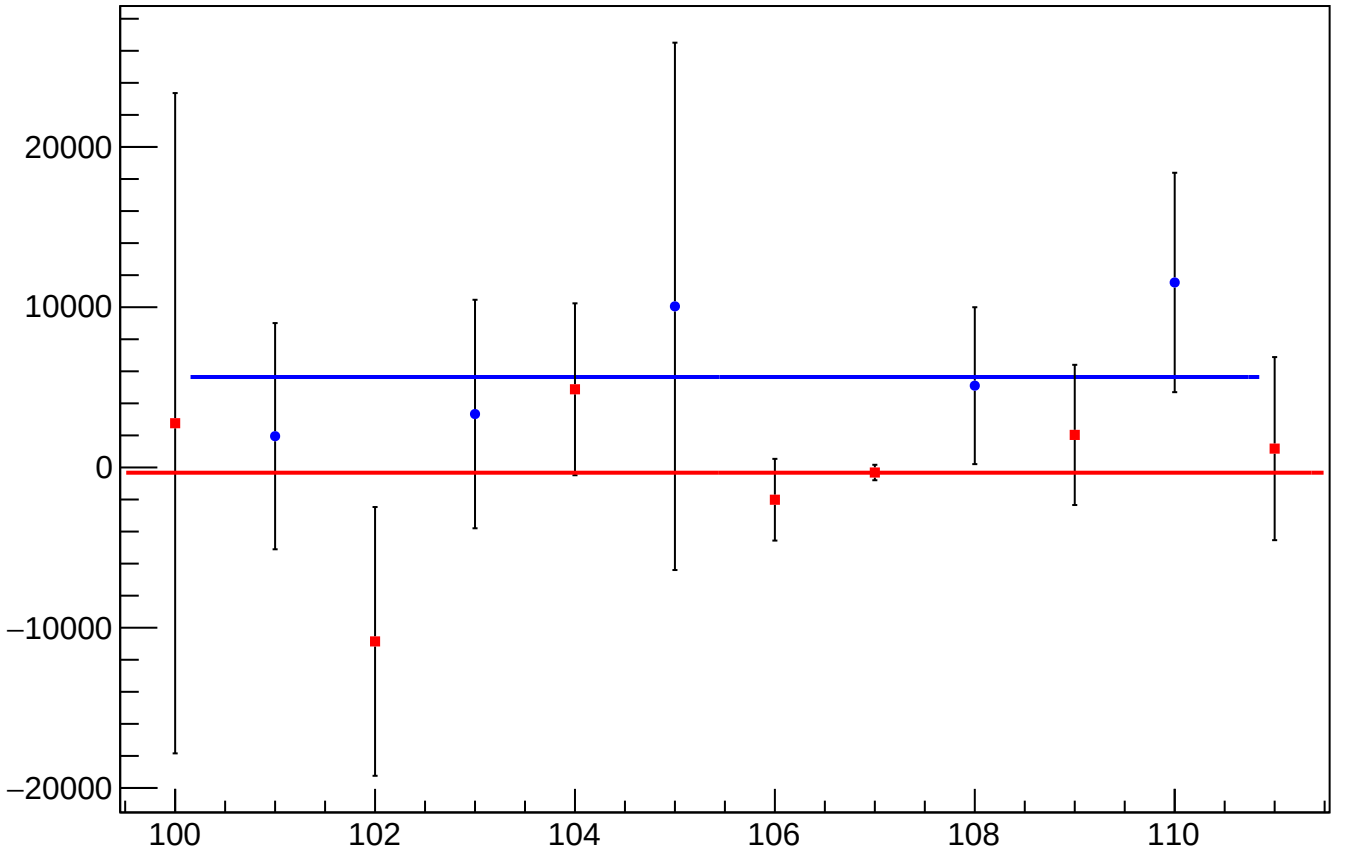
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2004.236+/-0.891 χ^2/NDF: 94015.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1945.760+/-1.026 χ^2/NDF: 173460.8/4

2004.236+/-0.891 χ^2/NDF: 94015.6/6



Right In: 5644.870+/-3064.075 χ^2/NDF: 1.2/4

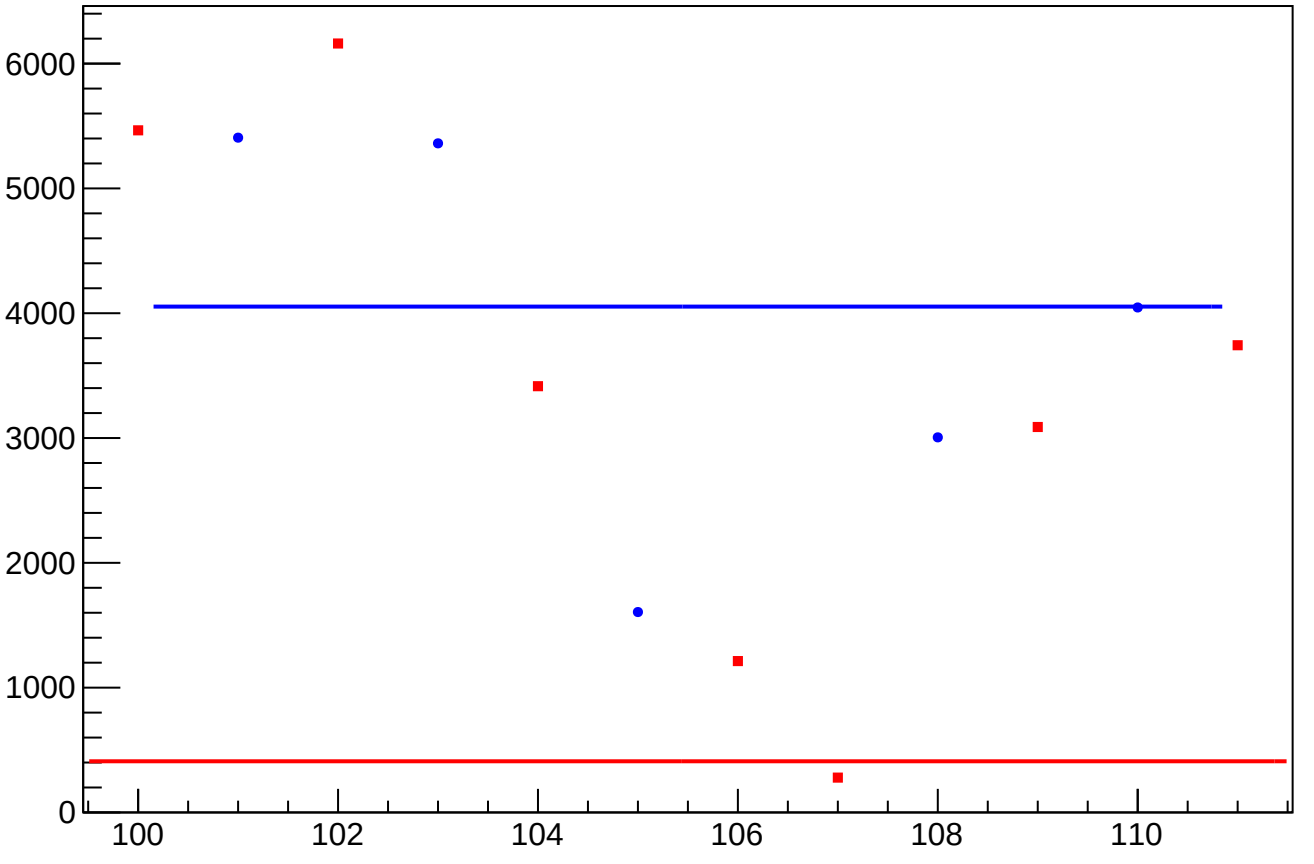
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -327.132+/-466.447 χ^2/NDF: 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

5644.870+/-3064.075 χ^2/NDF: 1.2/4

-327.132+/-466.447 χ^2/NDF: 3.3/6



Right In: 4053.086+/-2.167 χ^2/NDF: 276741.6/4

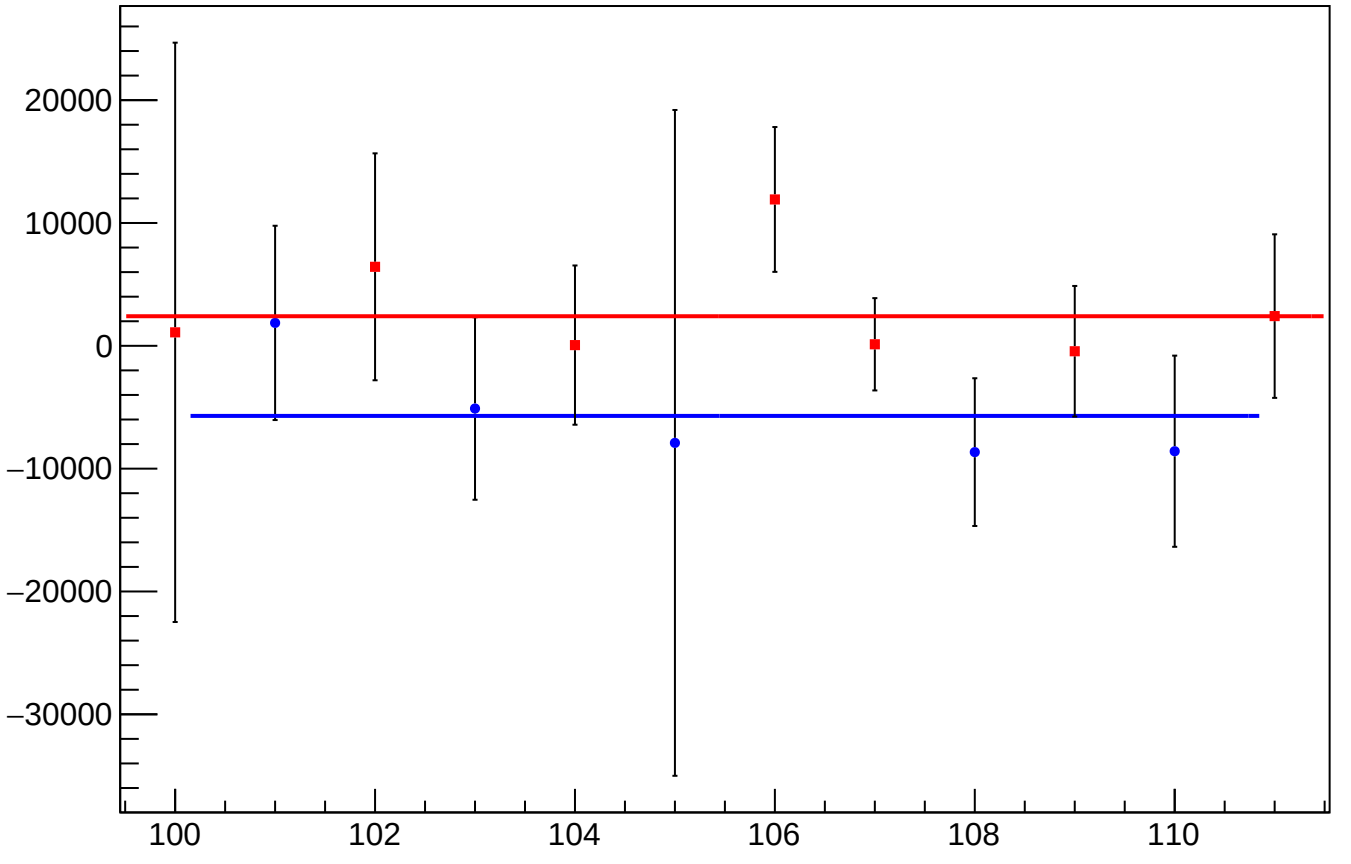
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 410.023+/-0.330 χ^2/NDF: 3465770.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4053.086+/-2.167 χ^2/NDF: 276741.6/4

410.023+/-0.330 χ^2/NDF: 3465770.6/6



Right In: -5706.054+/-3543.597 χ^2/NDF: 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

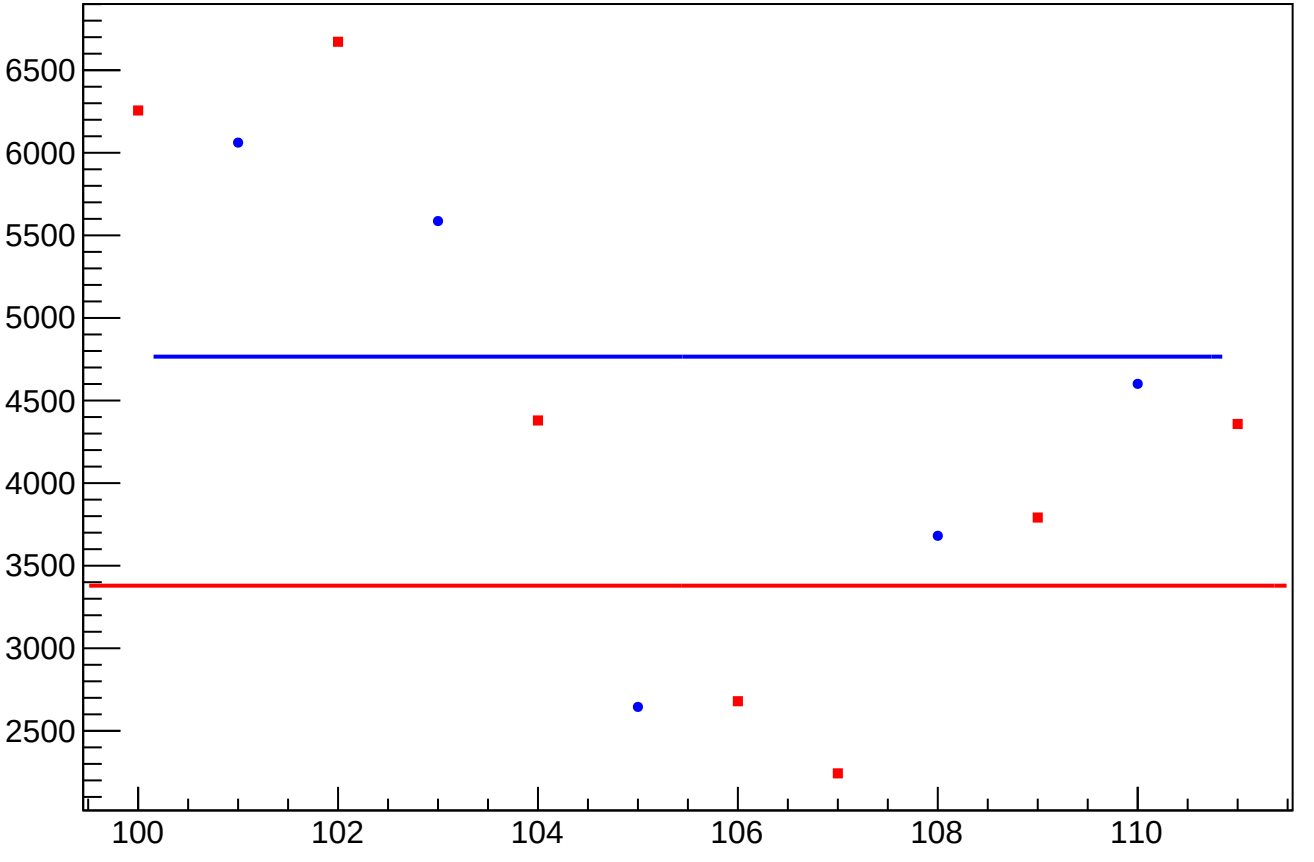
Right Out: 2408.610+/-2265.422 χ^2/NDF: 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-5706.054+/-3543.597 χ^2/NDF: 1.3/4

2408.610+/-2265.422 χ^2/NDF: 3.6/6

asym_atl1r2_dd_rms vs slug



Right In: 4765.775+/-2.506 χ^2/NDF: 156326.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

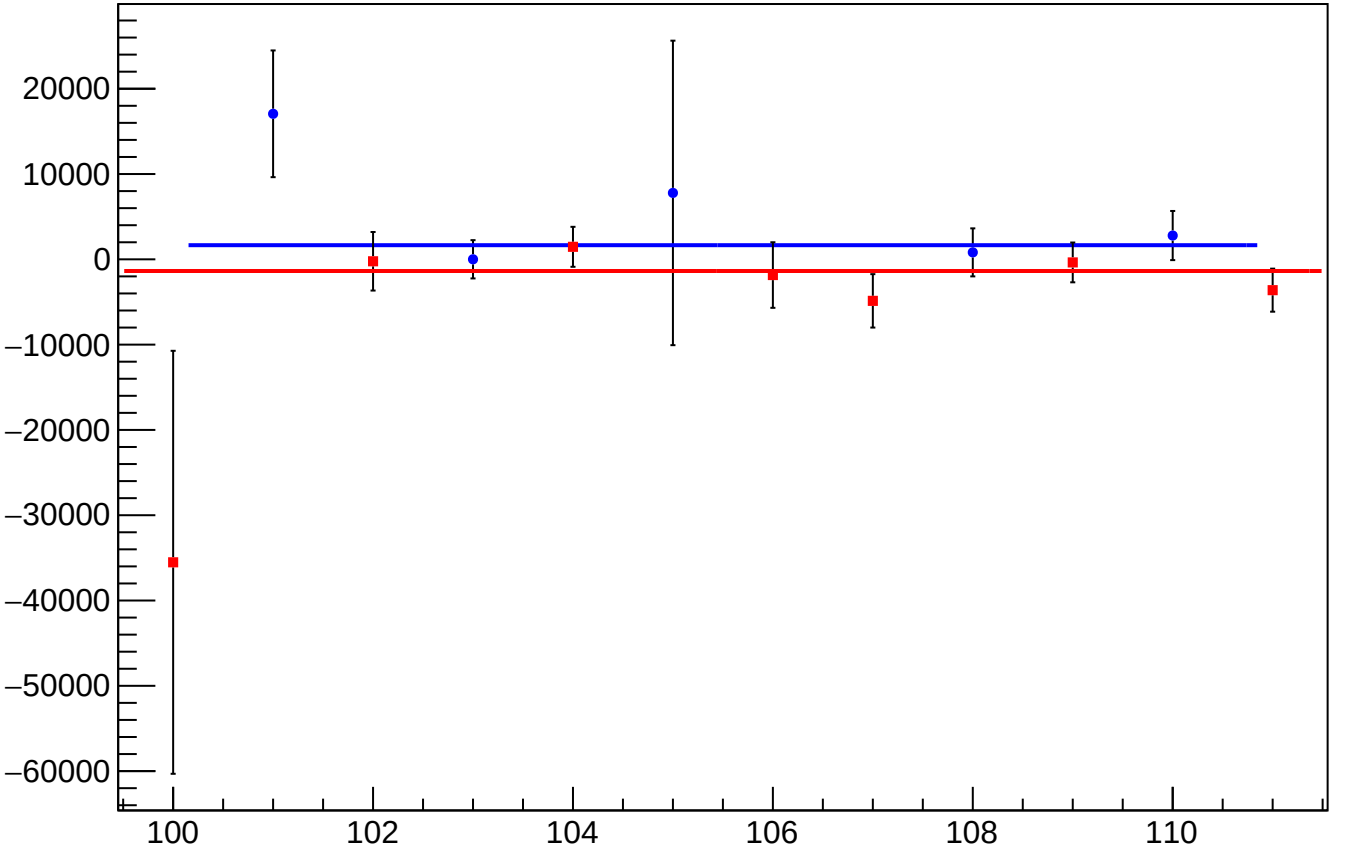
Right Out: 3379.085+/-1.581 χ^2/NDF: 603057.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4765.775+/-2.506 χ^2/NDF: 156326.1/4

3379.085+/-1.581 χ^2/NDF: 603057.4/6

reg_asym_atr1l2_avg_mean vs slug



Right In: 1657.613+/-1463.817 χ^2/NDF: 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

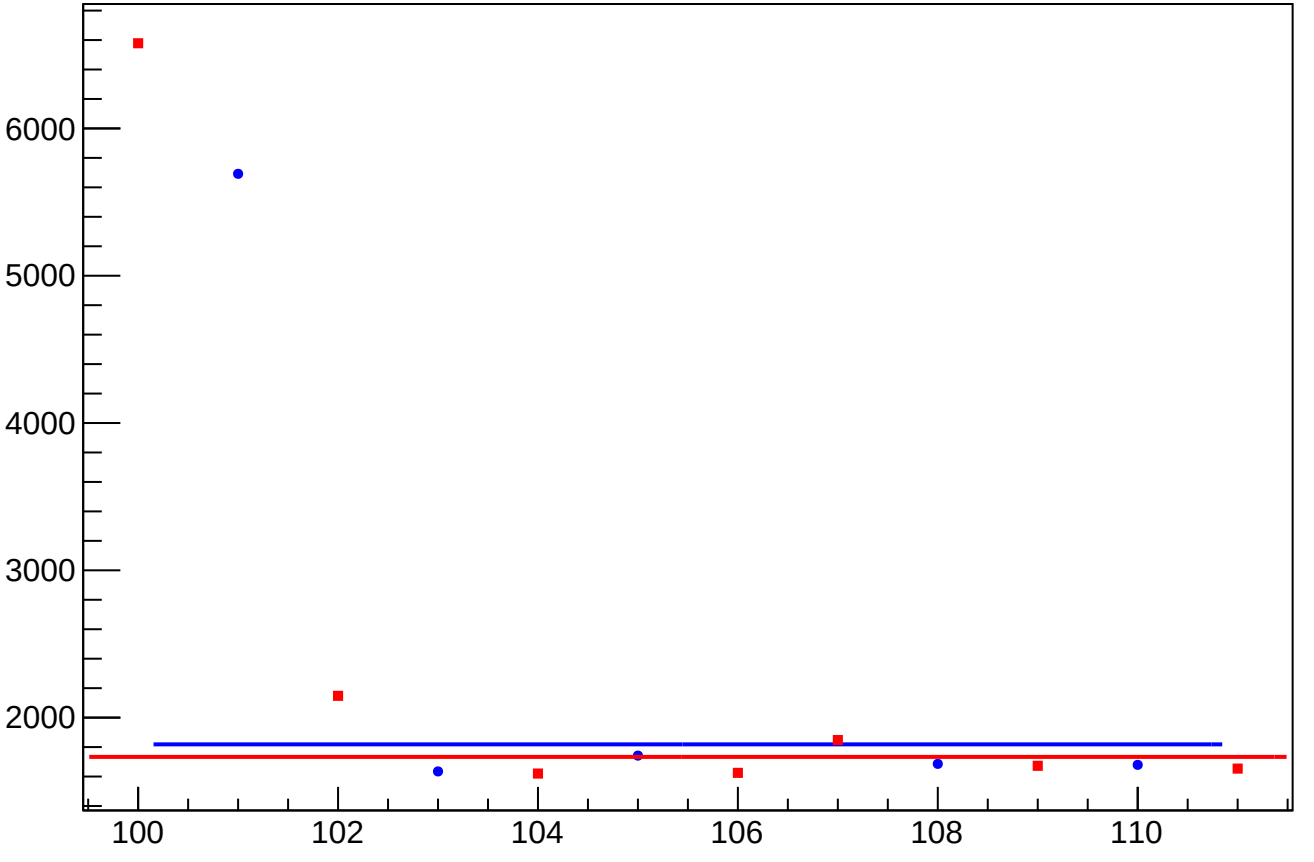
Right Out: -1367.944+/-1132.823 χ^2/NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1657.613+/-1463.817 χ^2/NDF: 5.2/4

-1367.944+/-1132.823 χ^2/NDF: 5.7/6

reg_asym_atr1l2_avg_rms vs slug



Right In: 1818.414+/-1.035 χ^2/NDF: 566423.1/4

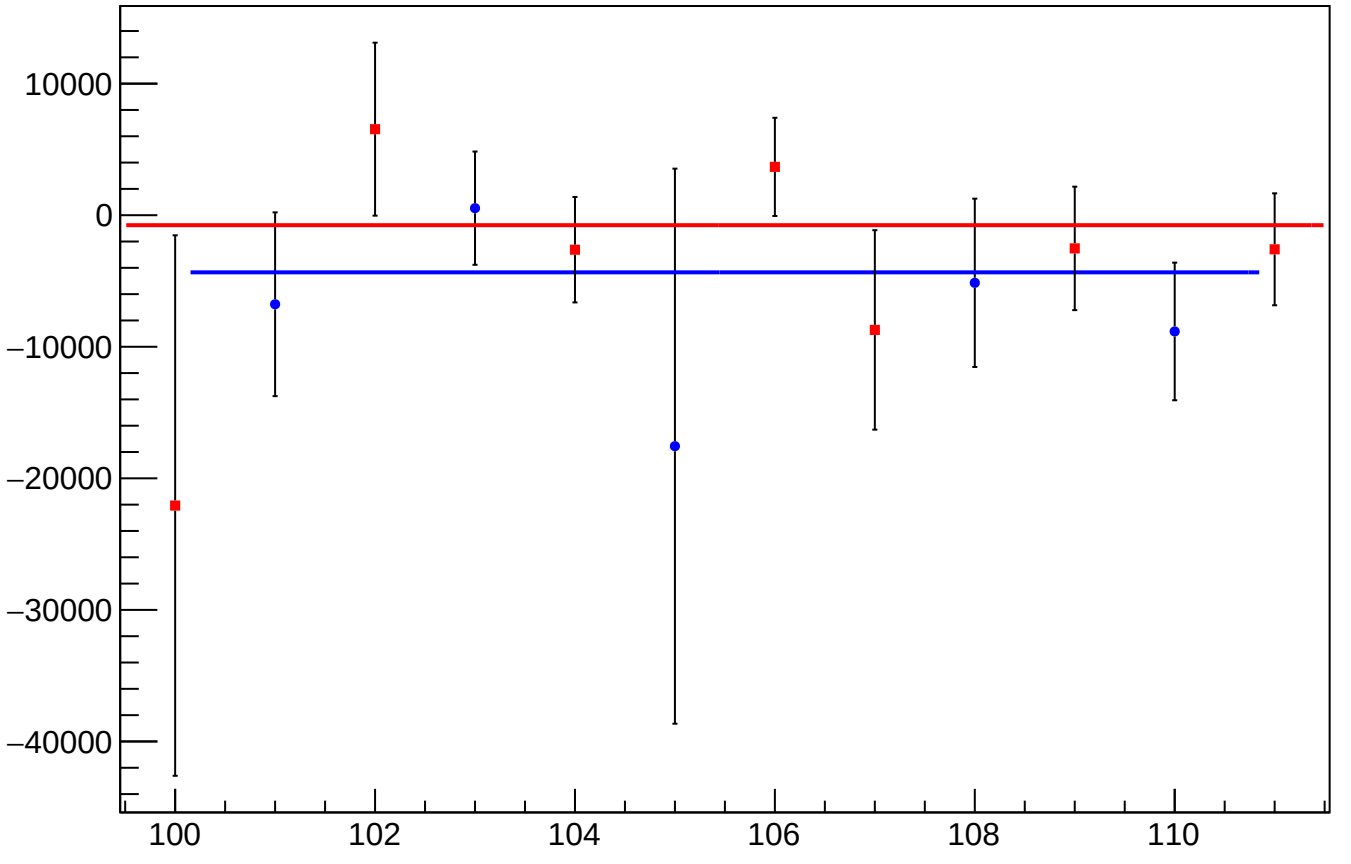
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1733.311+/-0.786 χ^2/NDF: 118480.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1818.414+/-1.035 χ^2/NDF: 566423.1/4

1733.311+/-0.786 χ^2/NDF: 118480.8/6



Right In: -4342.565+/-2694.923 χ^2/NDF: 2.5/4

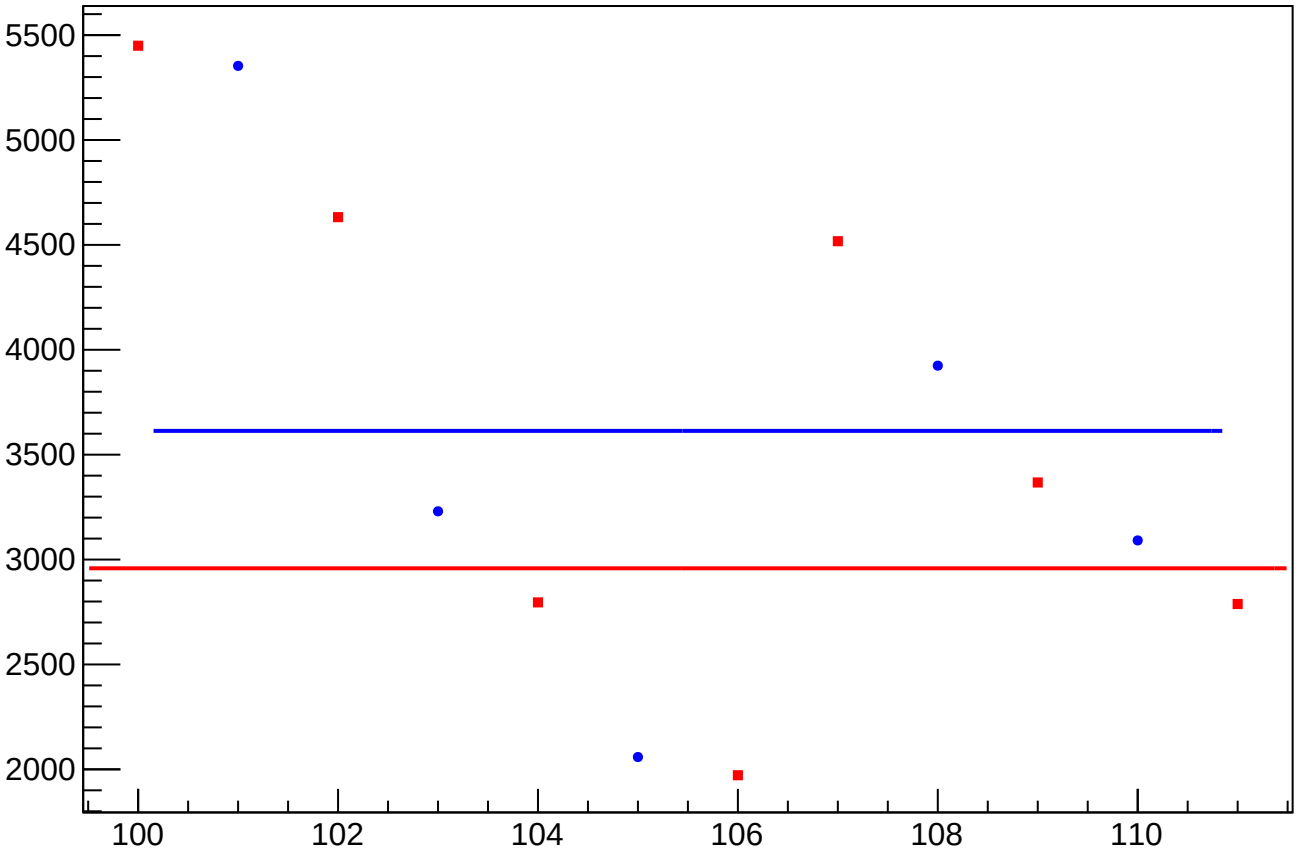
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -757.811+/-1897.621 χ^2/NDF: 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4342.565+/-2694.923 χ^2/NDF: 2.5/4

-757.811+/-1897.621 χ^2/NDF: 5.4/6



Right In: 3613.419+/-1.906 χ^2/NDF: 175498.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

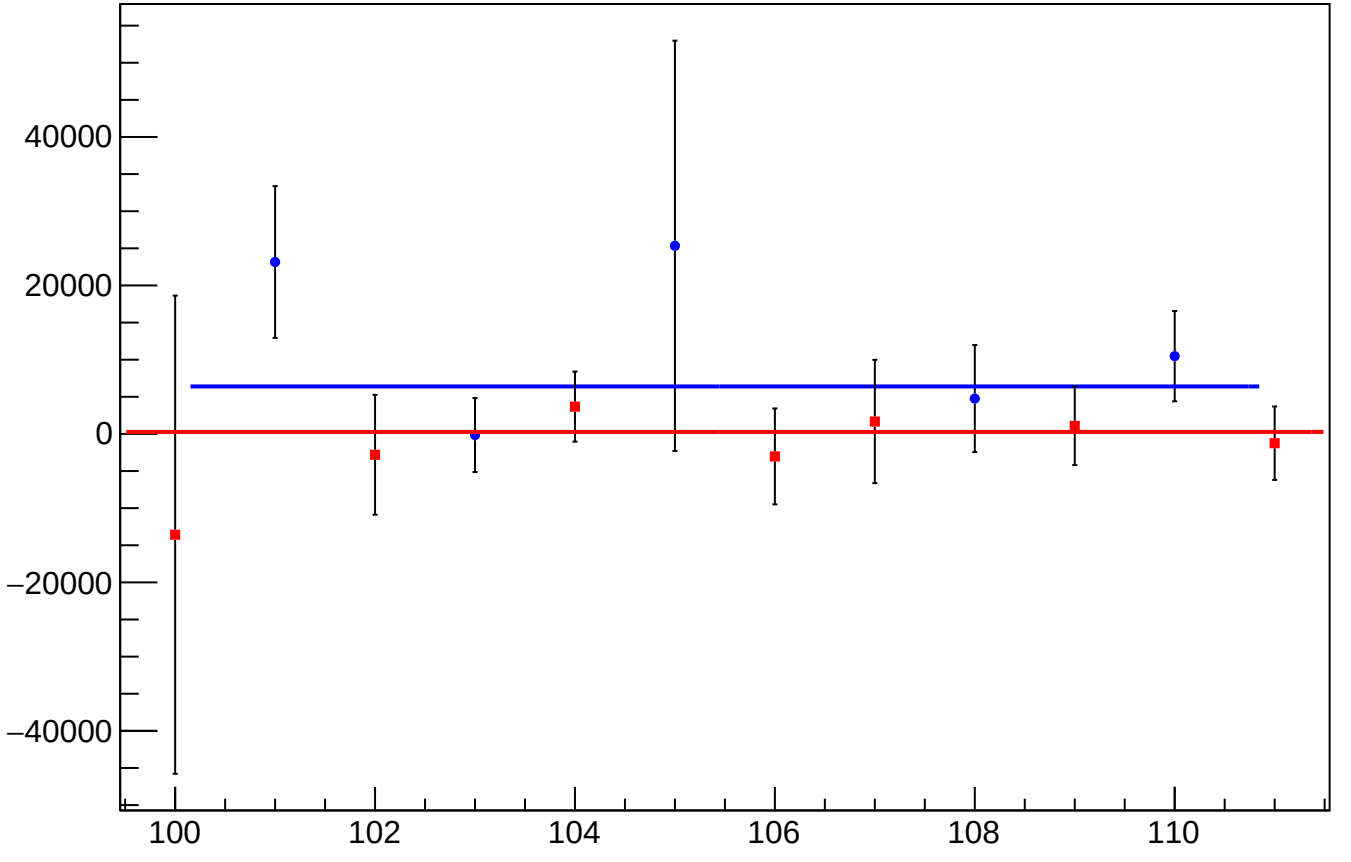
Right Out: 2958.332+/-1.342 χ^2/NDF: 405109.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3613.419+/-1.906 χ^2/NDF: 175498.7/4

2958.332+/-1.342 χ^2/NDF: 405109.0/6

asym_atr1l2_avg_mean vs slug



Right In: 6395.108+/-3203.780 χ^2/NDF: 5.4/4

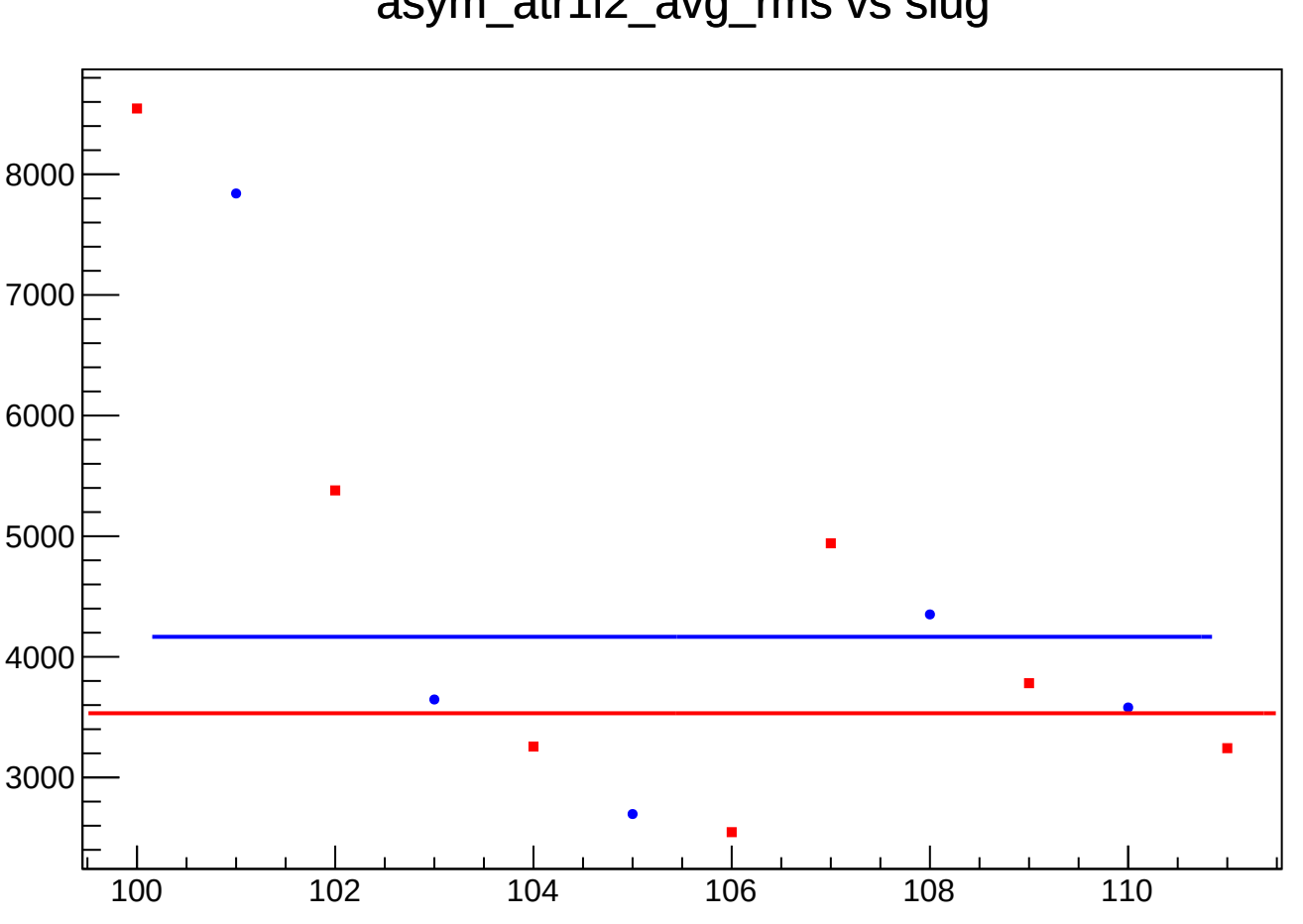
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 273.996+/-2381.749 χ^2/NDF: 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6395.108+/-3203.780 χ^2/NDF: 5.4/4

273.996+/-2381.749 χ^2/NDF: 1.3/6



Right In: 4165.977+/-2.265 χ^2/NDF: 305651.9/4

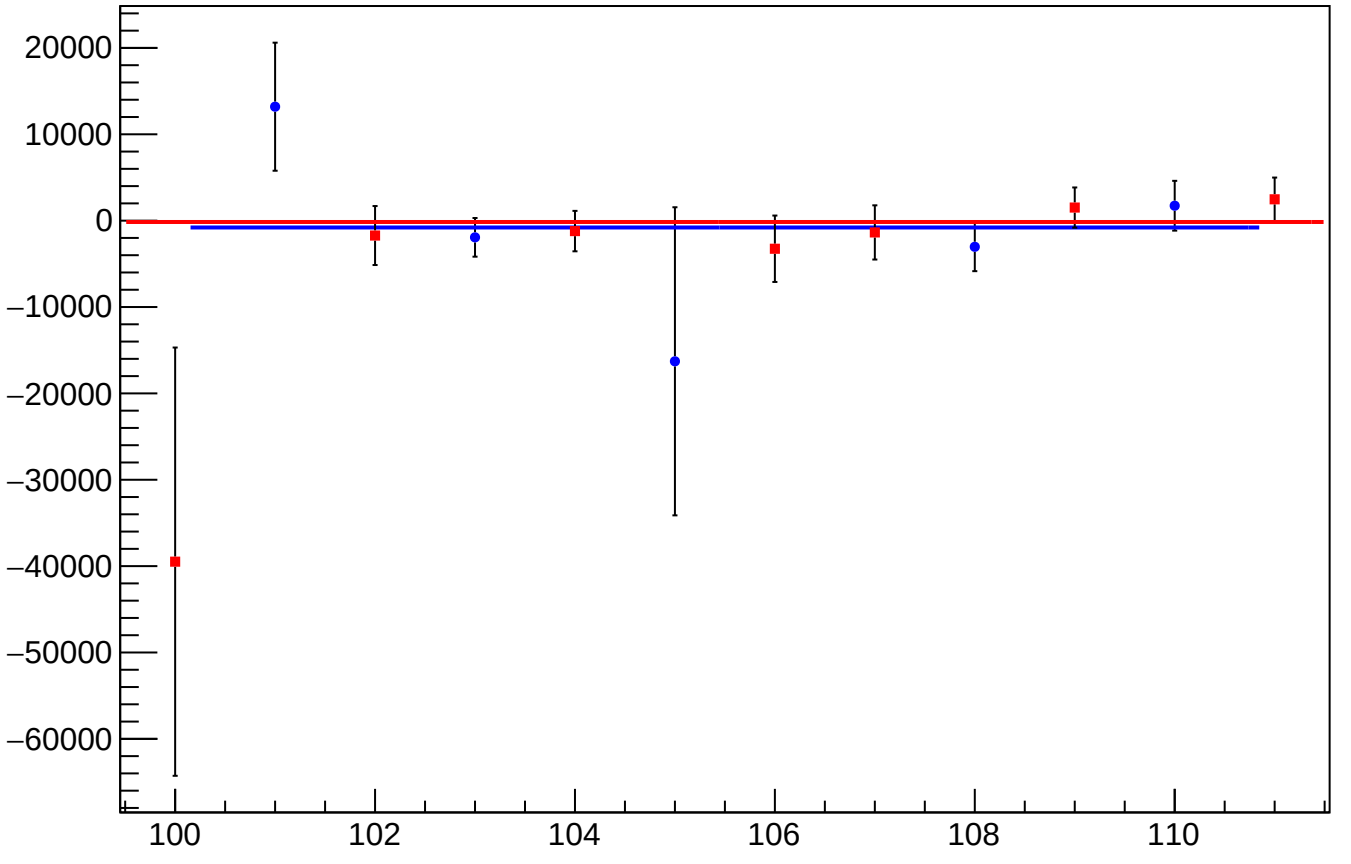
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3532.237+/-1.617 χ^2/NDF: 304350.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4165.977+/-2.265 χ^2/NDF: 305651.9/4

3532.237+/-1.617 χ^2/NDF: 304350.5/6



Right In: -791.042+/-1463.143 χ^2/NDF: 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

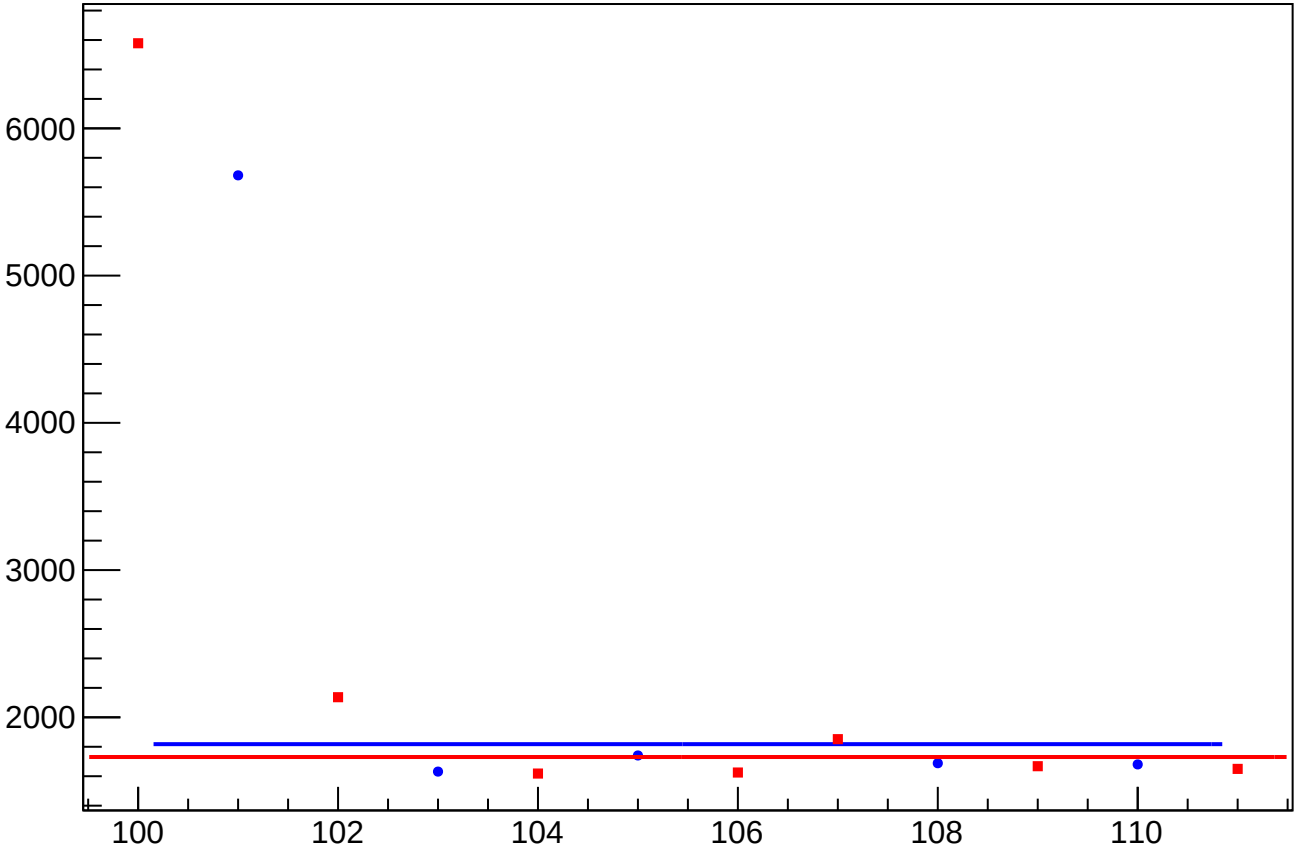
Right Out: -153.449+/-1130.792 χ^2/NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-791.042+/-1463.143 χ^2/NDF: 6.0/4

-153.449+/-1130.792 χ^2/NDF: 5.3/6

reg_asym_atr1l2_dd_rms vs slug



Right In: 1817.749+/-1.035 χ^2/NDF: 565699.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

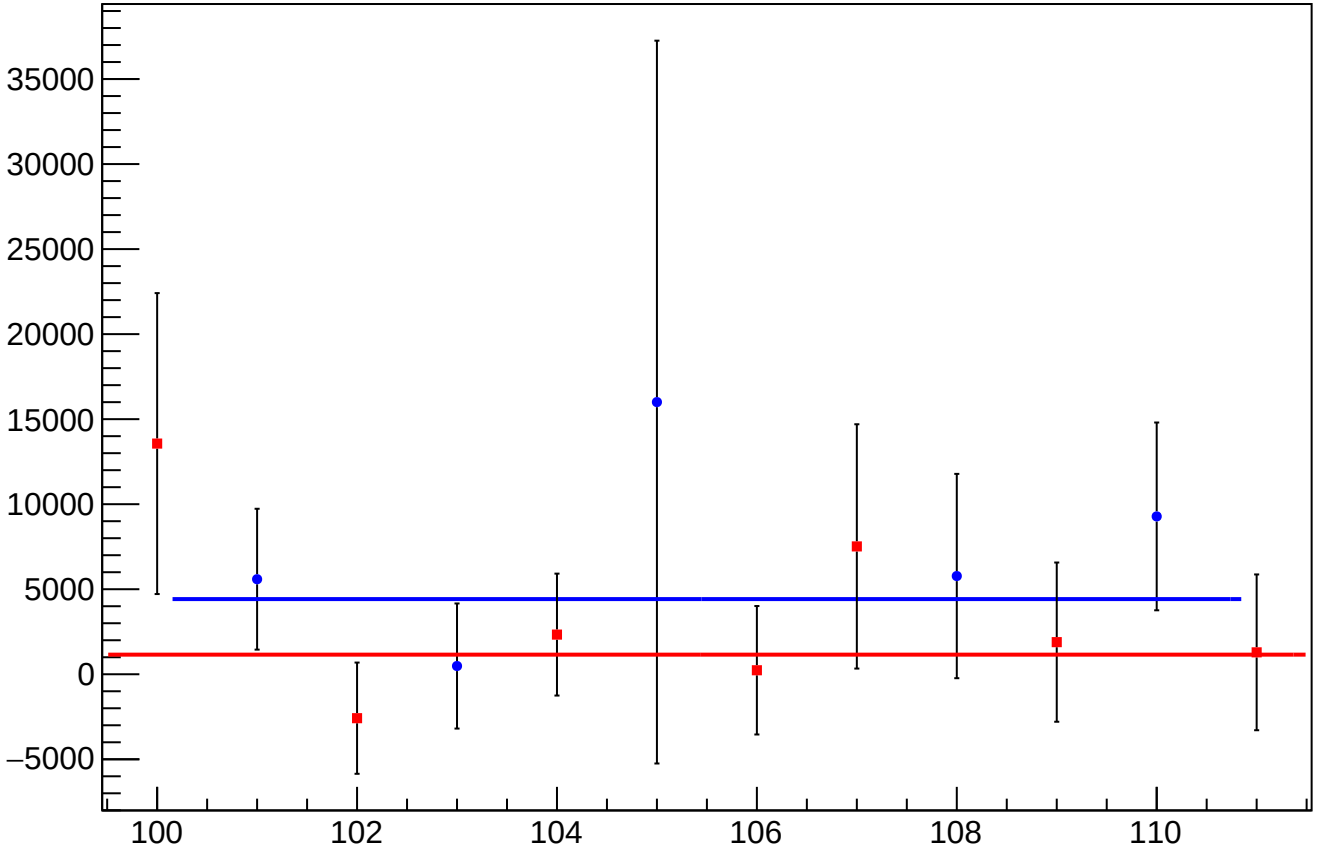
Right Out: 1730.434+/-0.785 χ^2/NDF: 118013.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1817.749+/-1.035 χ^2/NDF: 565699.1/4

1730.434+/-0.785 χ^2/NDF: 118013.1/6

asym_atr1l2_dd_correction_mean vs slug



Right In: 4419.928+/-2264.801 χ^2/NDF: 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

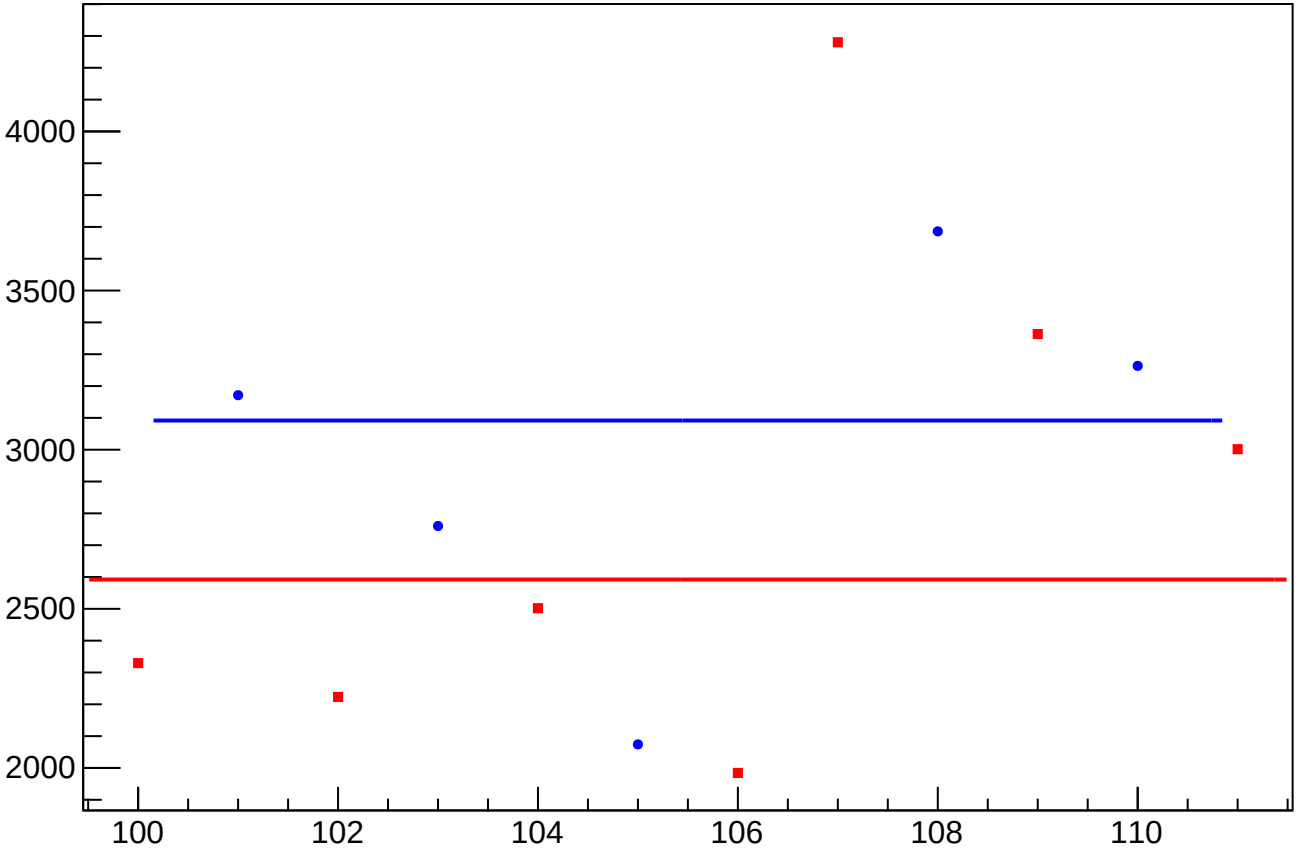
Right Out: 1153.007+/-1650.960 χ^2/NDF: 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4419.928+/-2264.801 χ^2/NDF: 2.3/4

1153.007+/-1650.960 χ^2/NDF: 4.3/6

asym_atr1l2_dd_correction_rms vs slug



Right In: 3091.671+/-1.601 χ^2/NDF: 43077.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

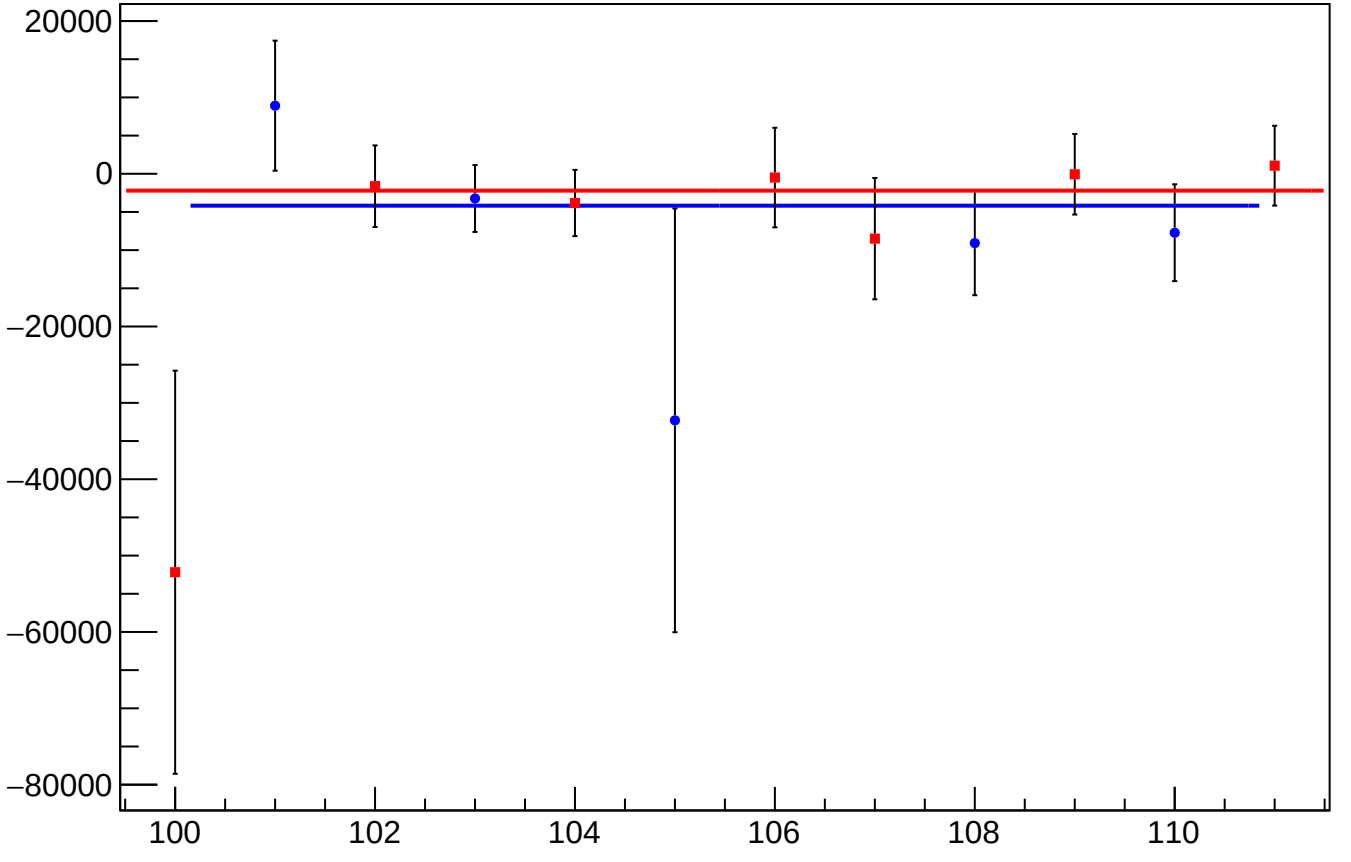
Right Out: 2591.974+/-1.167 χ^2/NDF: 261011.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3091.671+/-1.601 χ^2/NDF: 43077.2/4

2591.974+/-1.167 χ^2/NDF: 261011.0/6

asym_atr1l2_dd_mean vs slug



Right In: -4178.423+/-2968.302 χ^2/NDF: 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

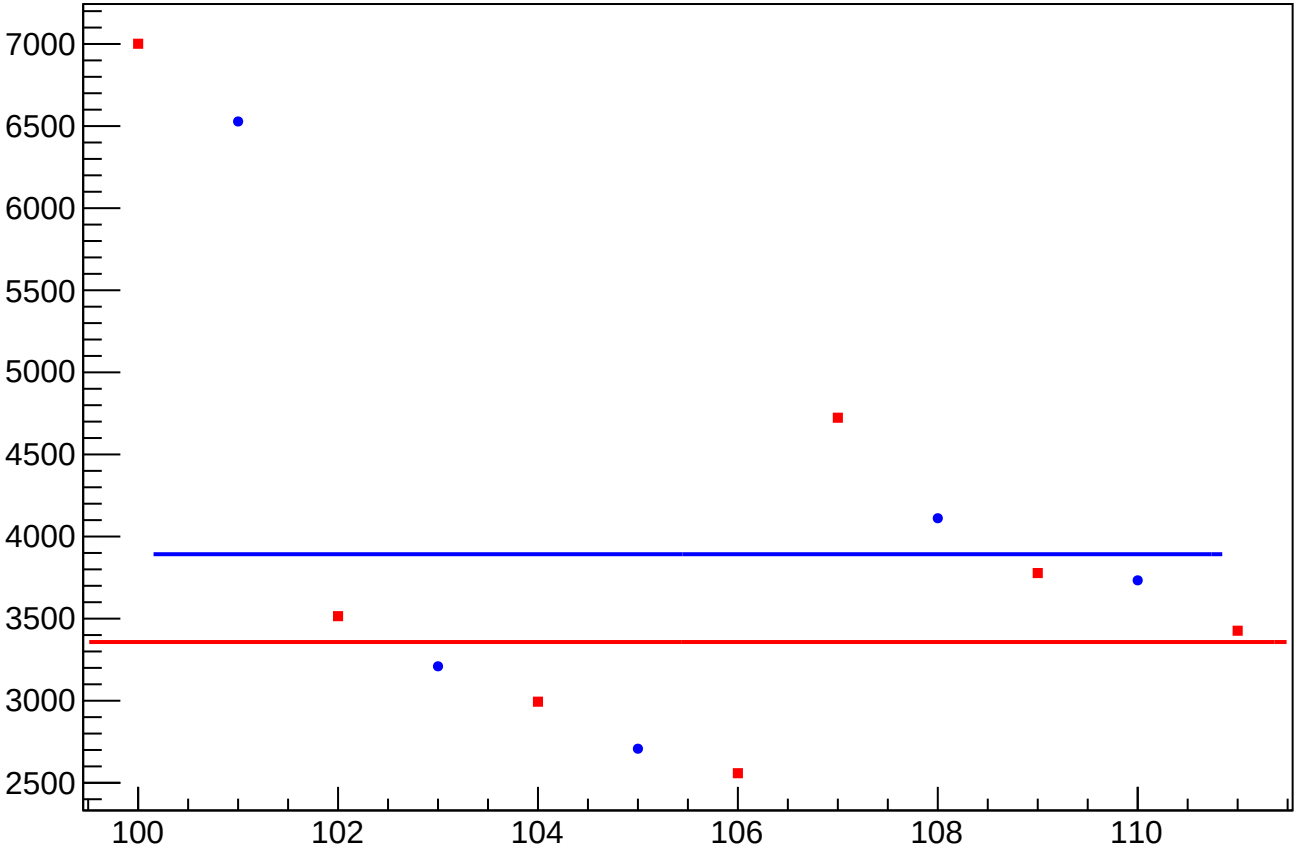
Right Out: -2208.142+/-2227.666 χ^2/NDF: 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4178.423+/-2968.302 χ^2/NDF: 4.3/4

-2208.142+/-2227.666 χ^2/NDF: 5.0/6

asym_atr1l2_dd_rms vs slug



Right In: 3892.363+/-2.099 χ^2/NDF: 247095.2/4

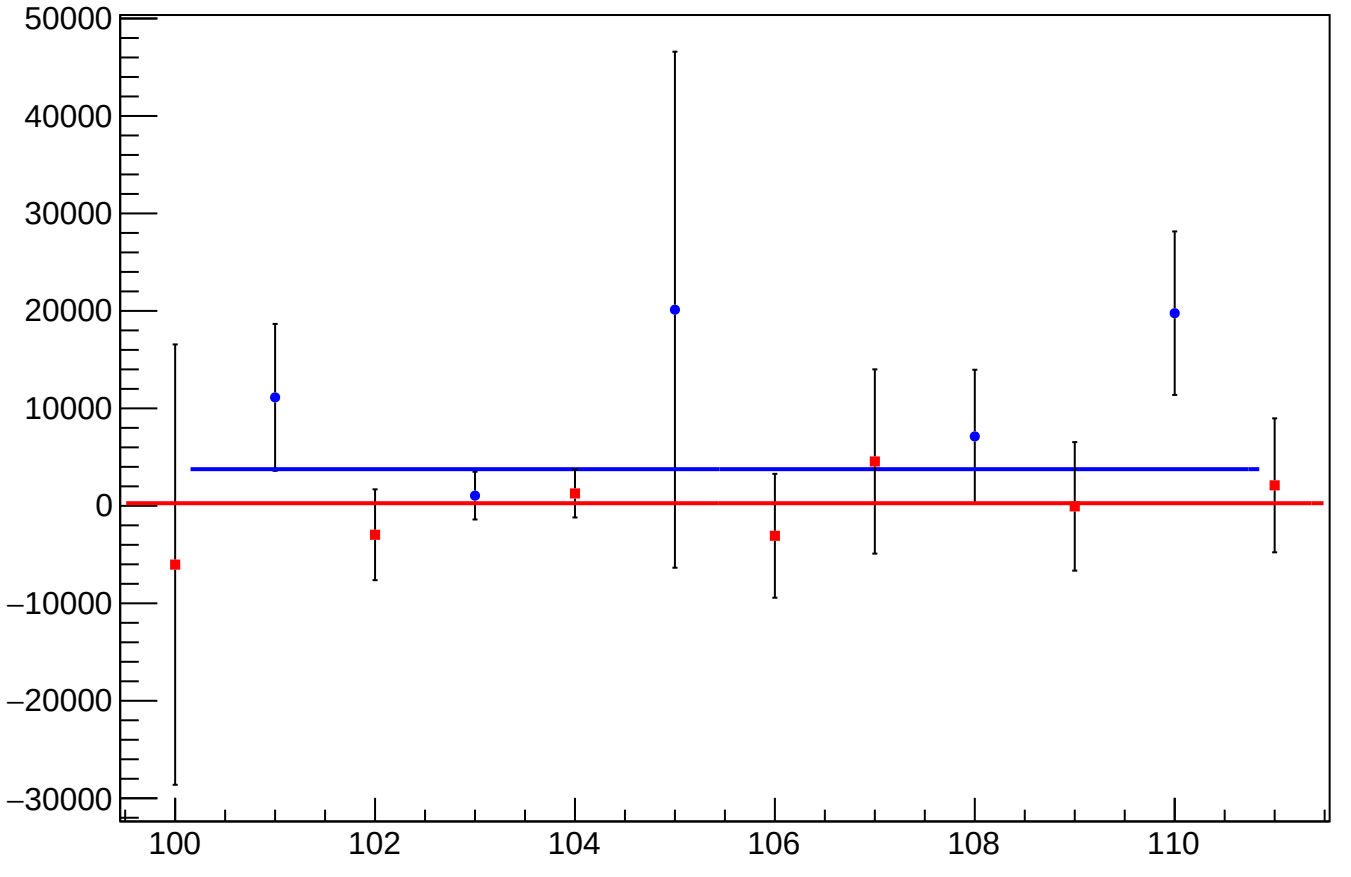
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3357.513+/-1.520 χ^2/NDF: 175154.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3892.363+/-2.099 χ^2/NDF: 247095.2/4

3357.513+/-1.520 χ^2/NDF: 175154.7/6



Right In: 3762.412+/-2125.238 χ^2/NDF: 6.4/4

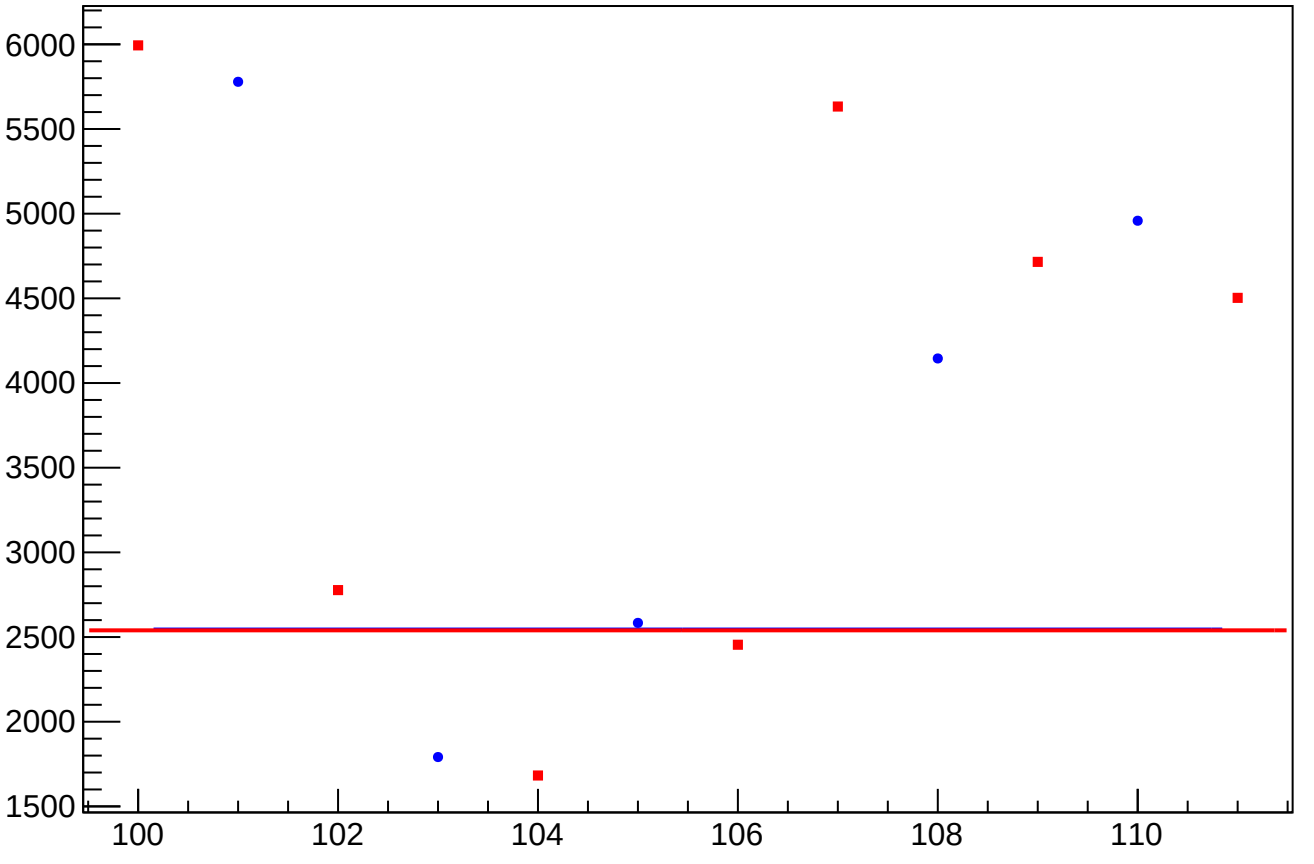
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 270.119+/-1848.463 χ^2/NDF: 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3762.412+/-2125.238 χ^2/NDF: 6.4/4

270.119+/-1848.463 χ^2/NDF: 1.3/6



Right In: 2544.272+/-1.503 χ^2/NDF: 832752.6/4

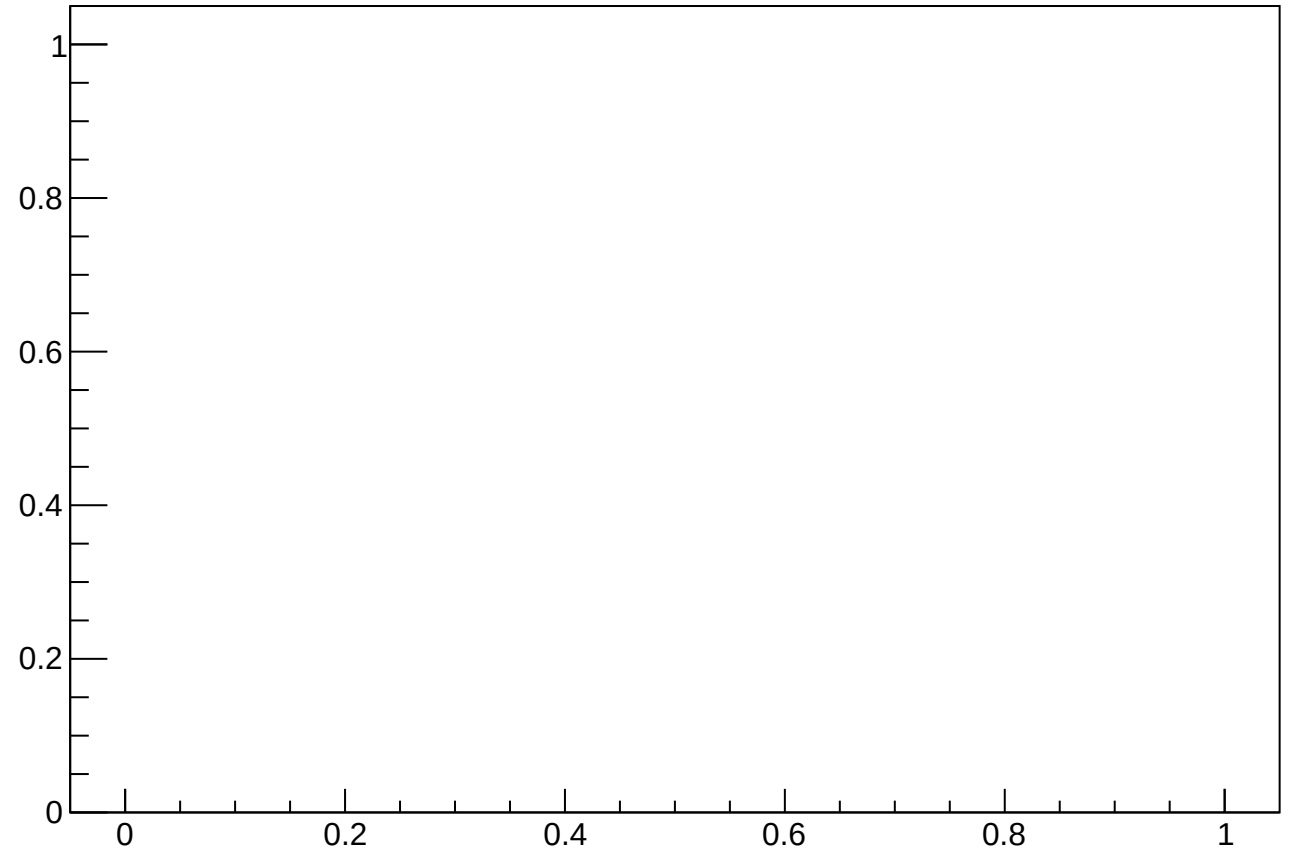
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2539.579+/-1.286 χ^2/NDF: 889390.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2544.272+/-1.503 χ^2/NDF: 832752.6/4

2539.579+/-1.286 χ^2/NDF: 889390.2/6



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

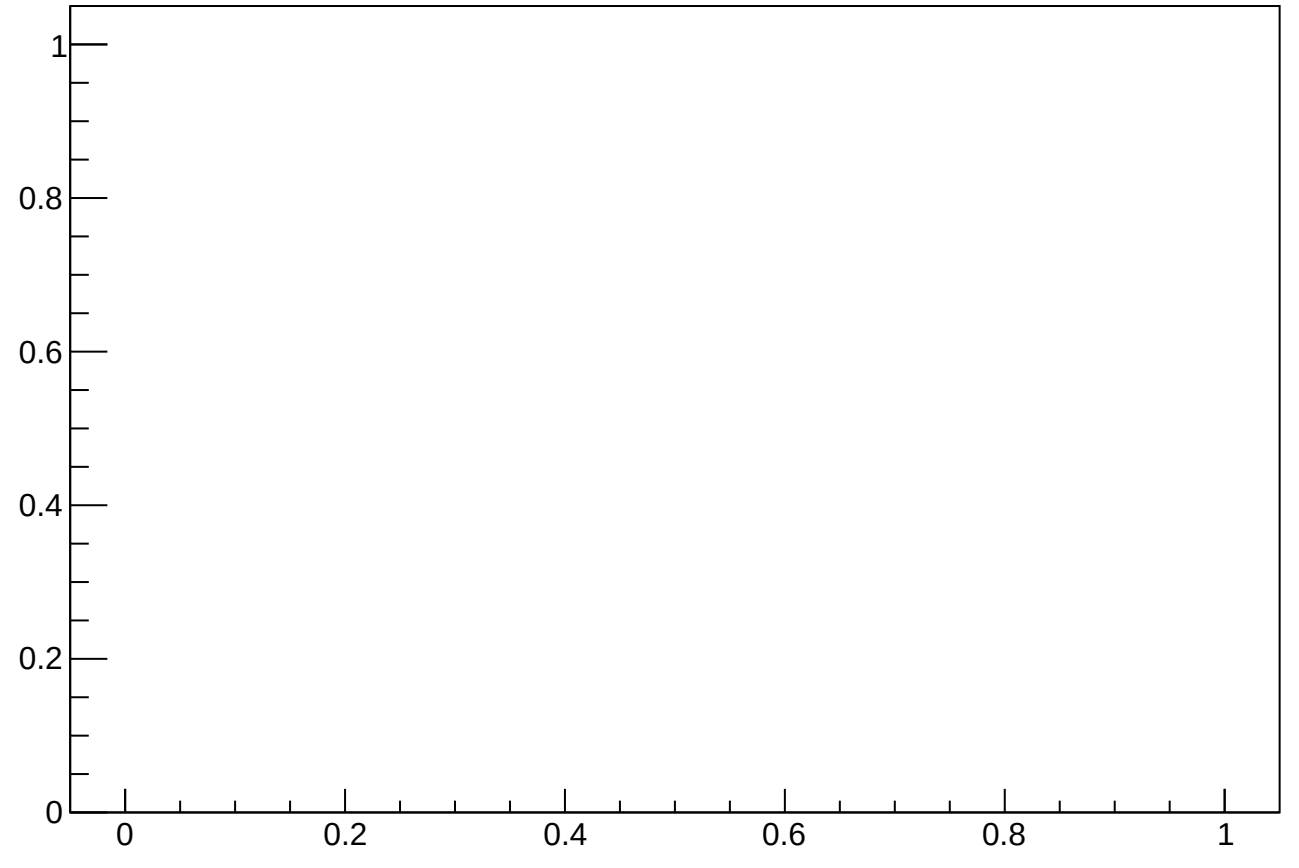
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

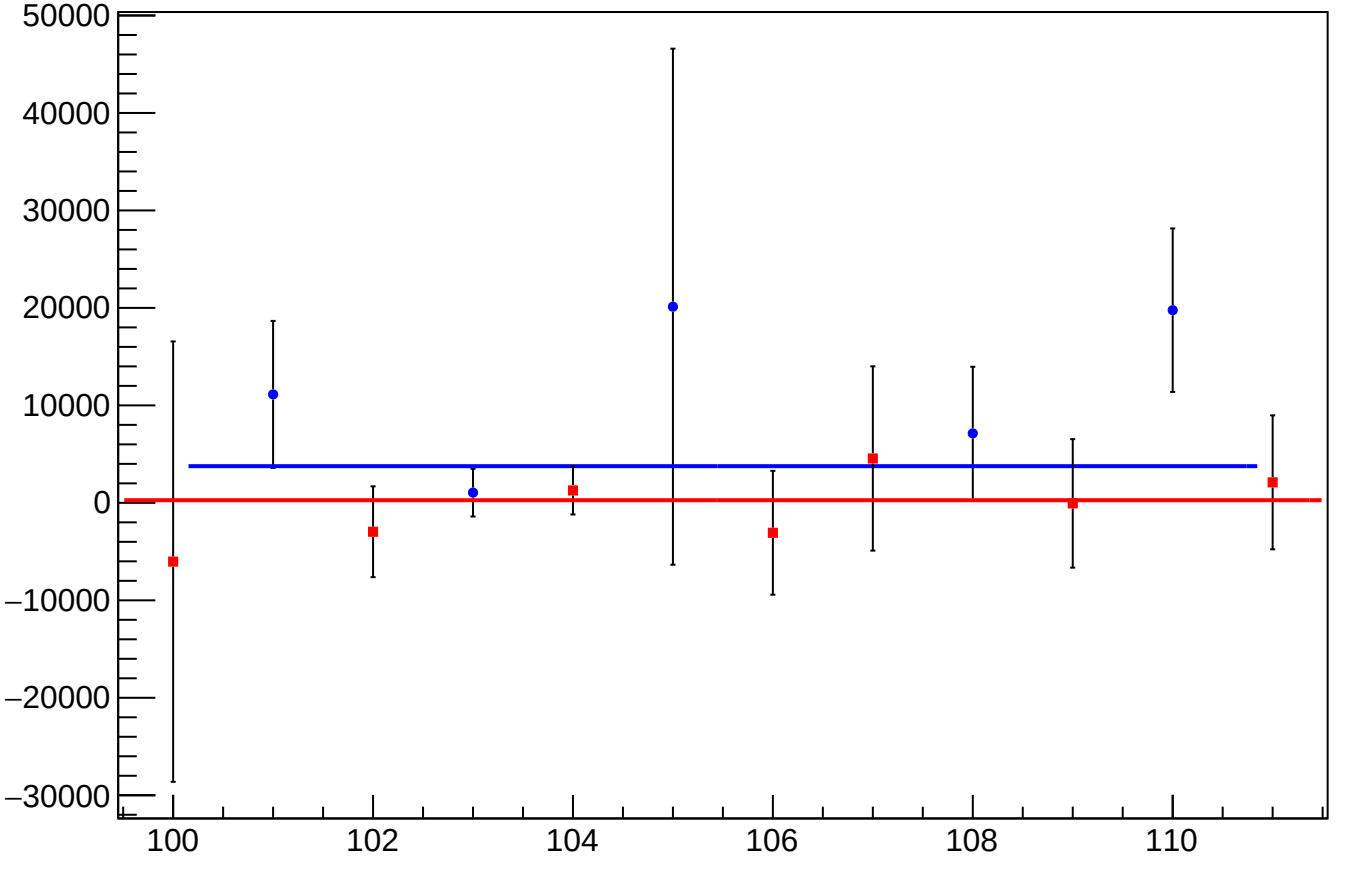
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 3762.412+/-2125.238 χ^2/NDF: 6.4/4

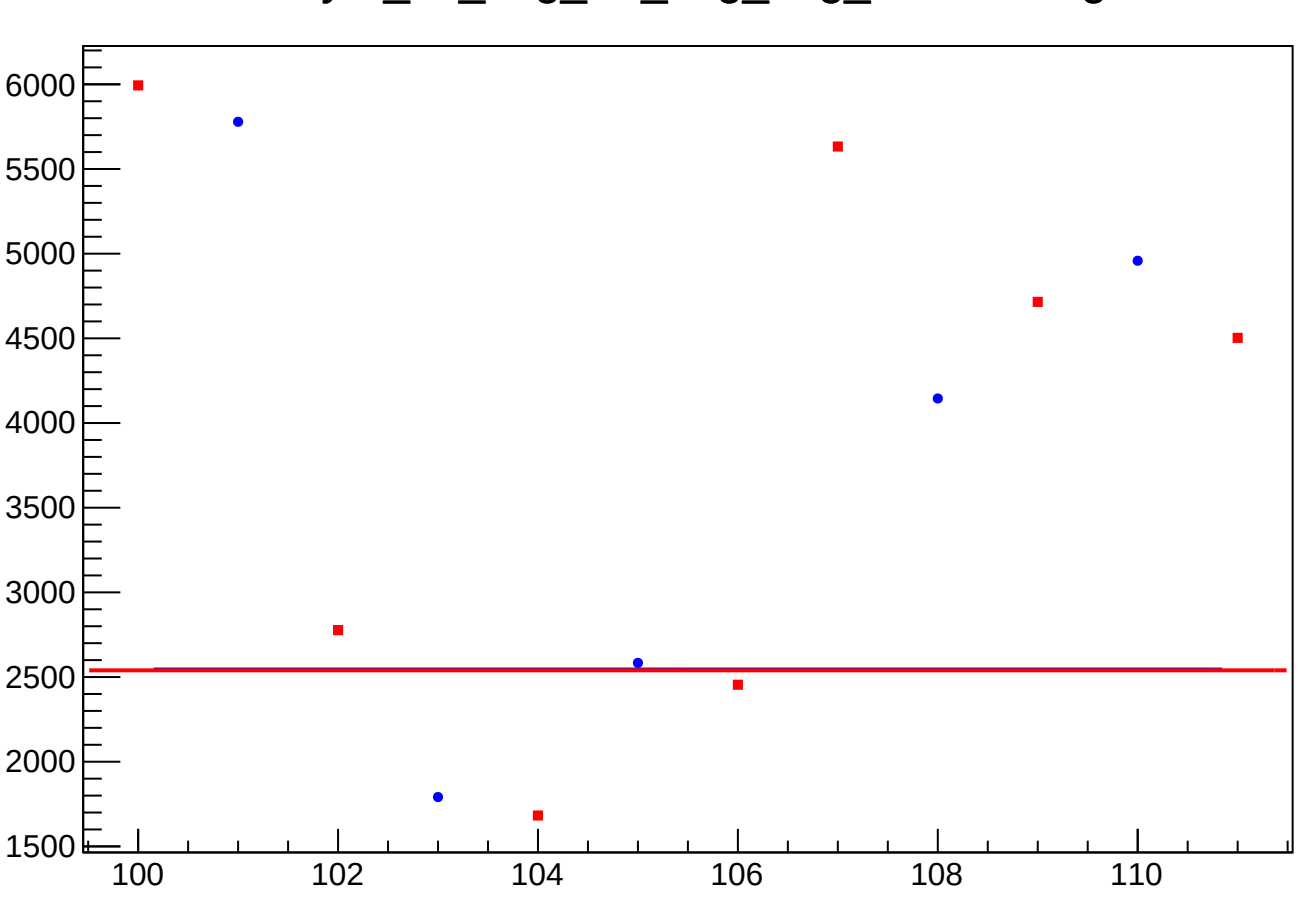
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 270.119+/-1848.463 χ^2/NDF: 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3762.412+/-2125.238 χ^2/NDF: 6.4/4

270.119+/-1848.463 χ^2/NDF: 1.3/6



Right In: 2544.272+/-1.503 χ^2/NDF: 832752.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

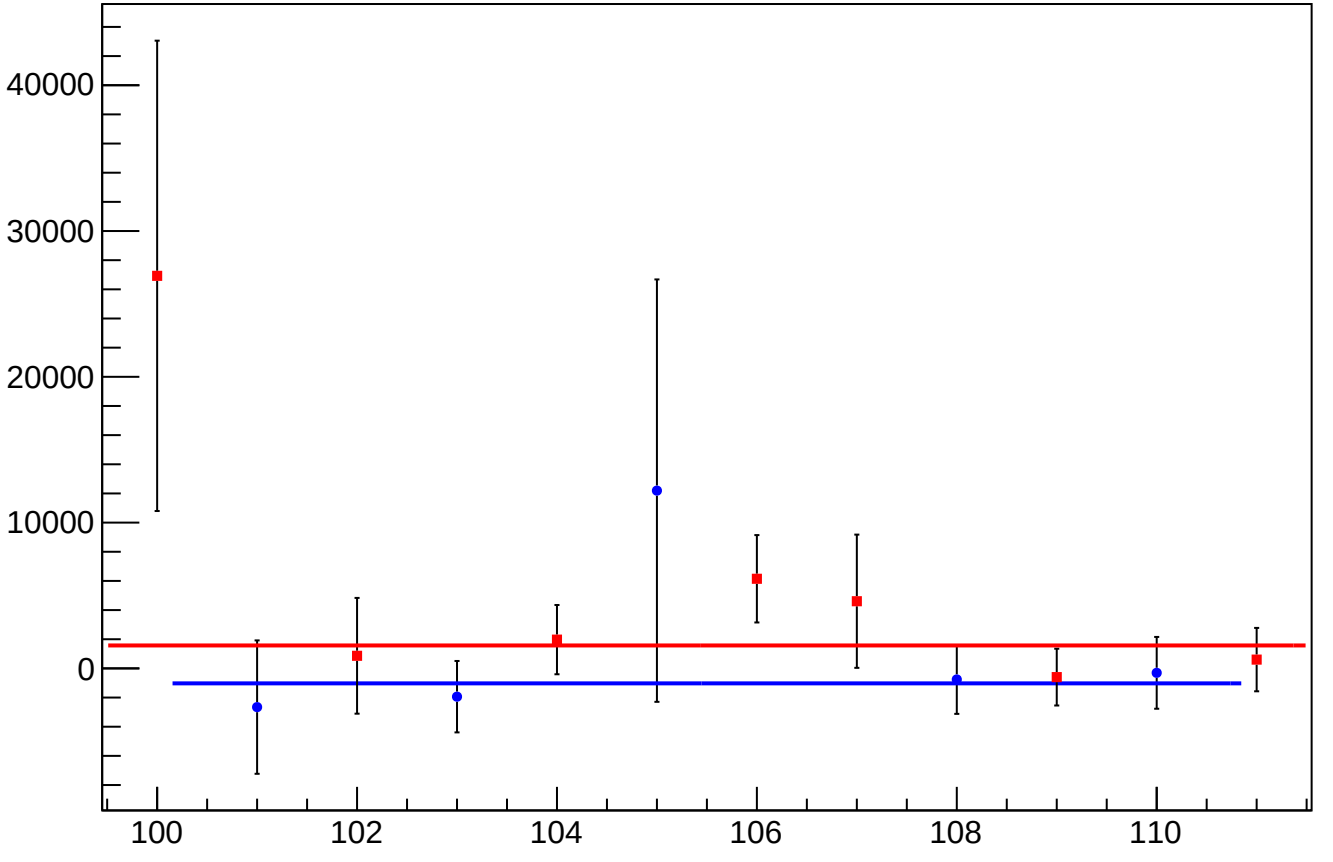
Right Out: 2539.579+/-1.286 χ^2/NDF: 889390.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2544.272+/-1.503 χ^2/NDF: 832752.6/4

2539.579+/-1.286 χ^2/NDF: 889390.2/6

reg_asym_atl_avg_atr_avg_dd_mean vs slug



Right In: -1026.691+/-1332.160 χ^2/NDF: 1.2/4

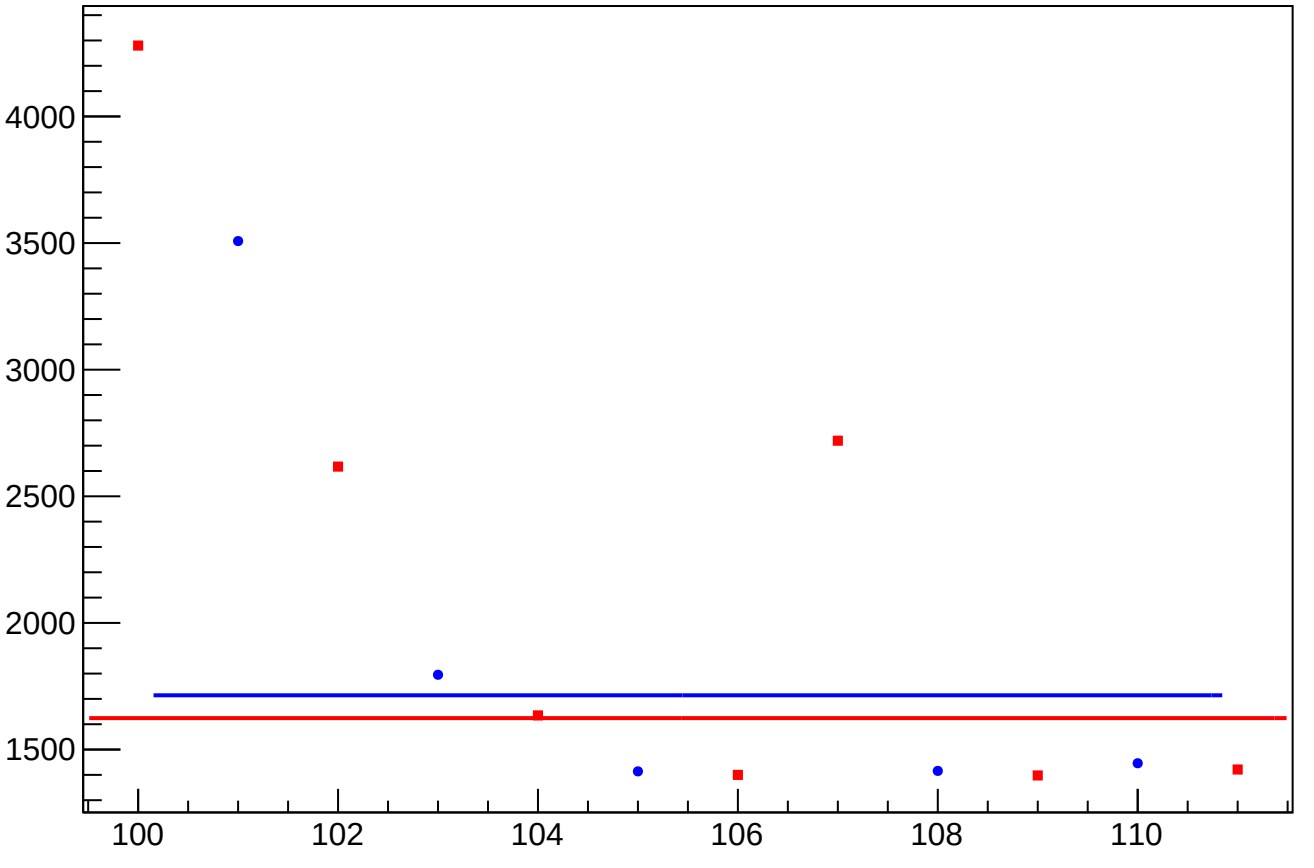
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1573.496+/-1066.670 χ^2/NDF: 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1026.691+/-1332.160 χ^2/NDF: 1.2/4

1573.496+/-1066.670 χ^2/NDF: 6.7/6



Right In: 1714.260+/-0.942 χ^2/NDF: 366207.7/4

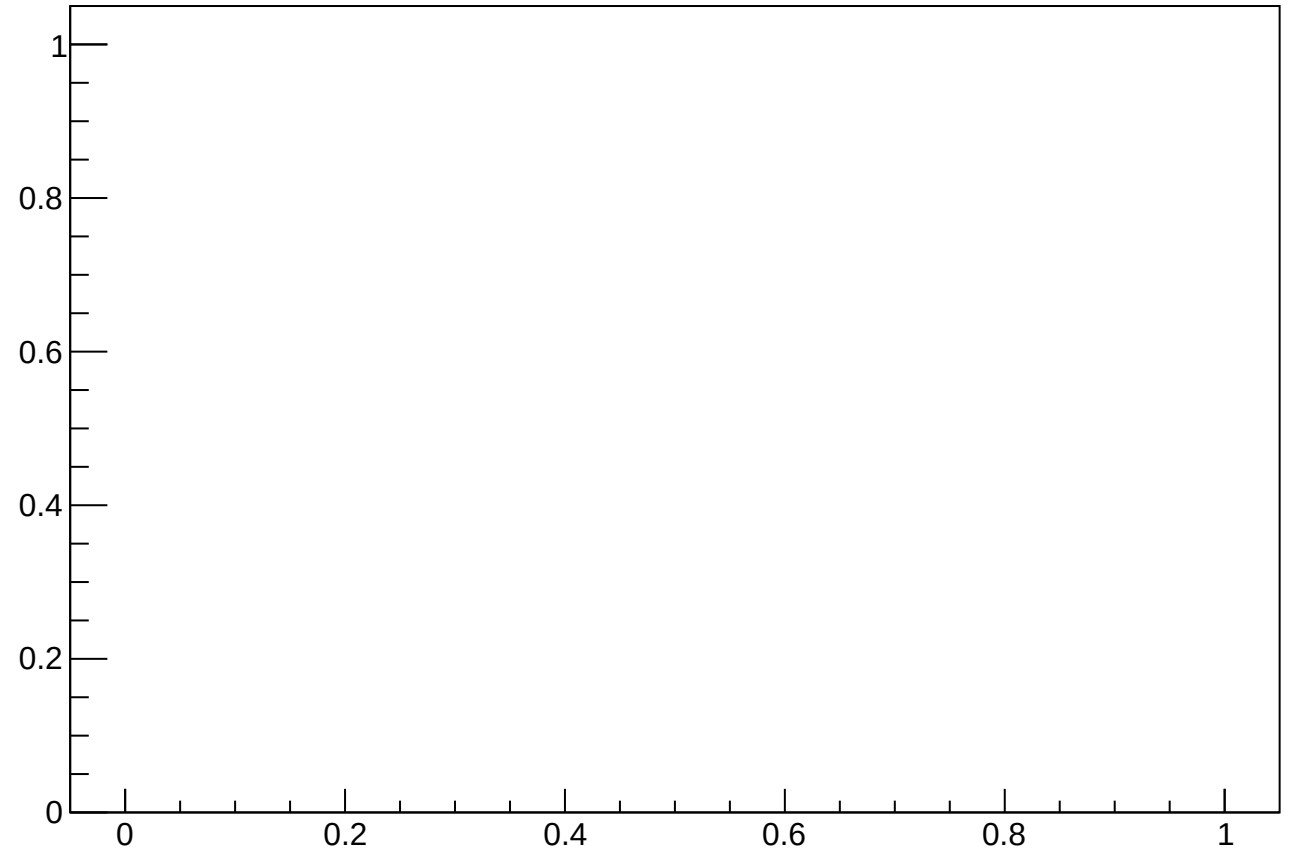
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1624.119+/-0.754 χ^2/NDF: 350040.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1714.260+/-0.942 χ^2/NDF: 366207.7/4

1624.119+/-0.754 χ^2/NDF: 350040.7/6



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

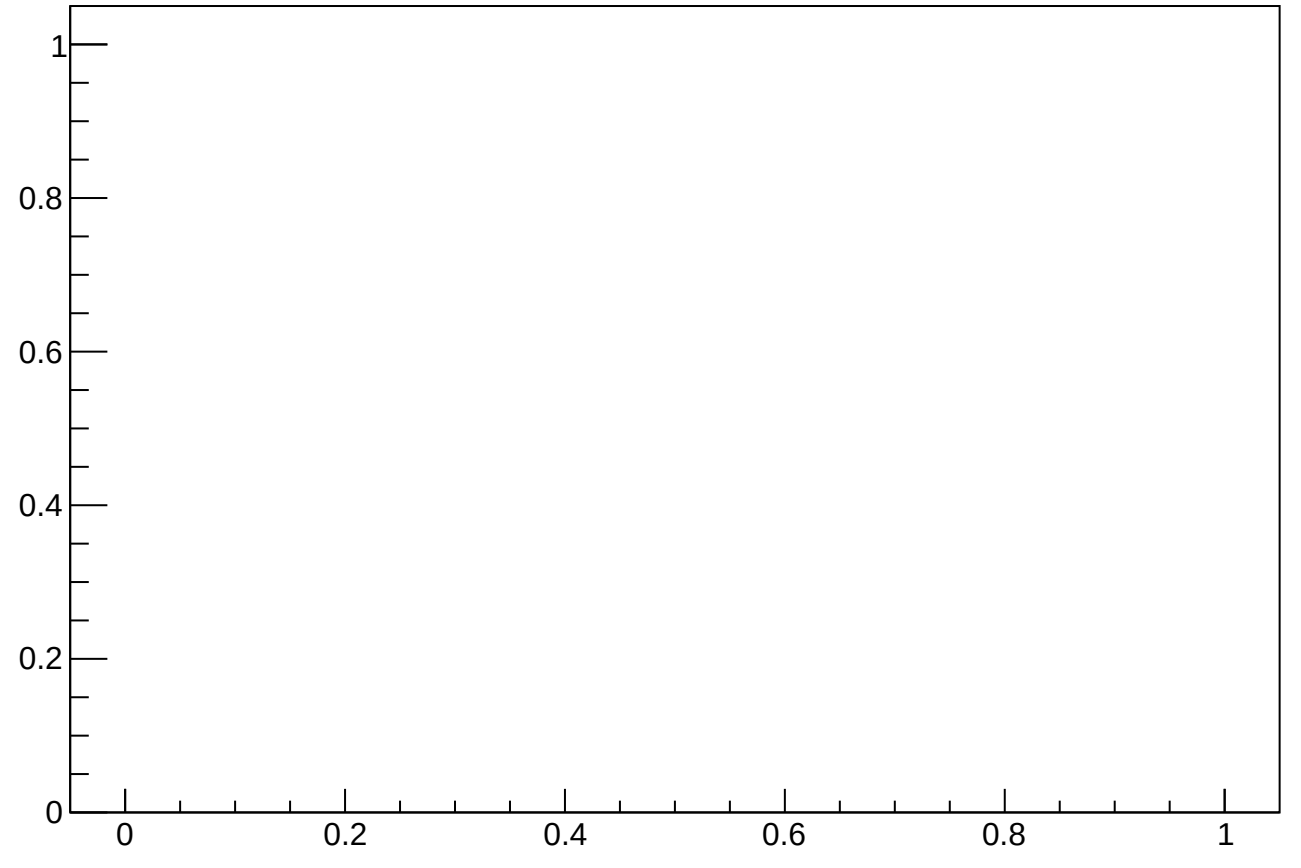
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

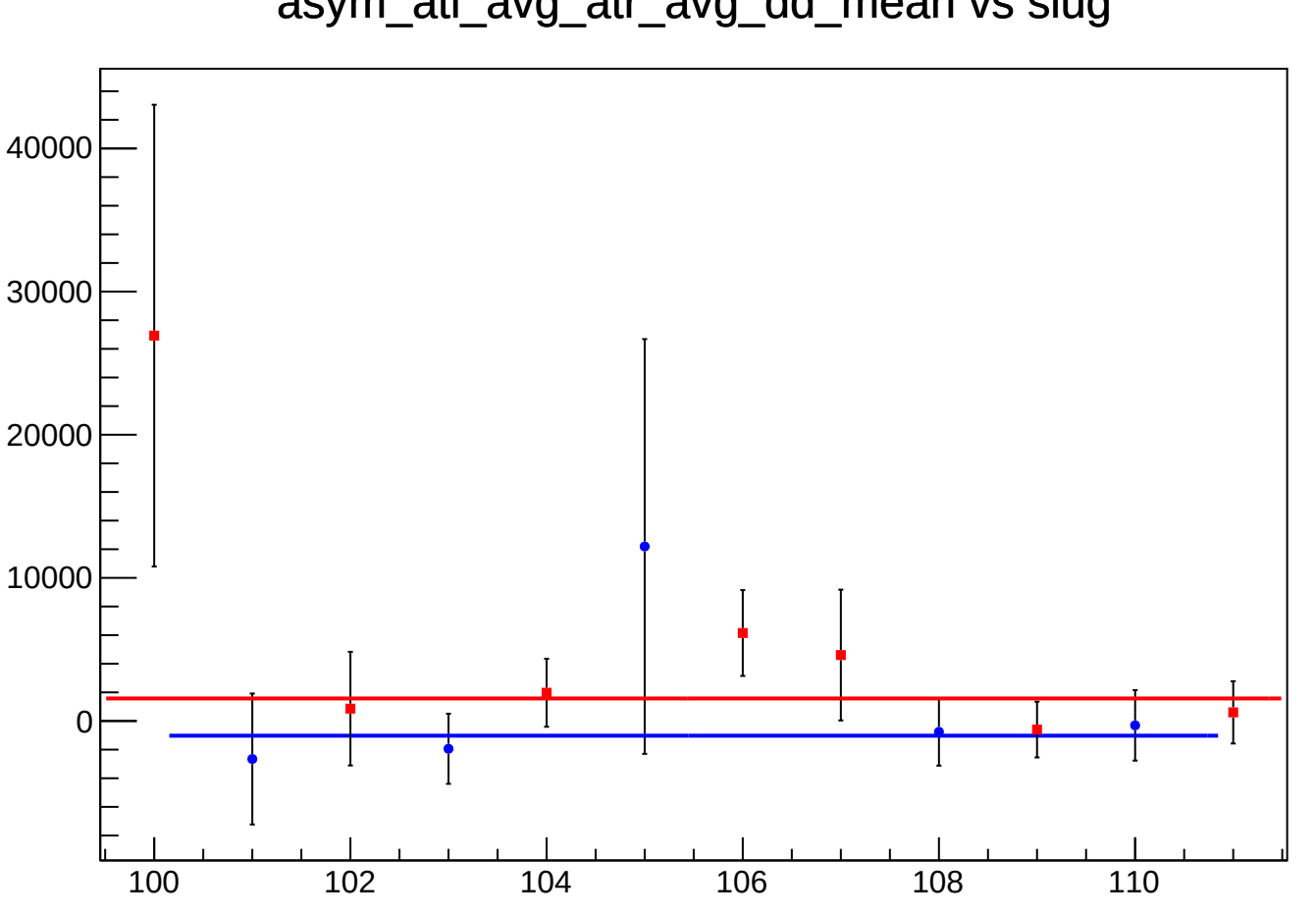
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: -1026.691+/-1332.160 χ^2/NDF: 1.2/4

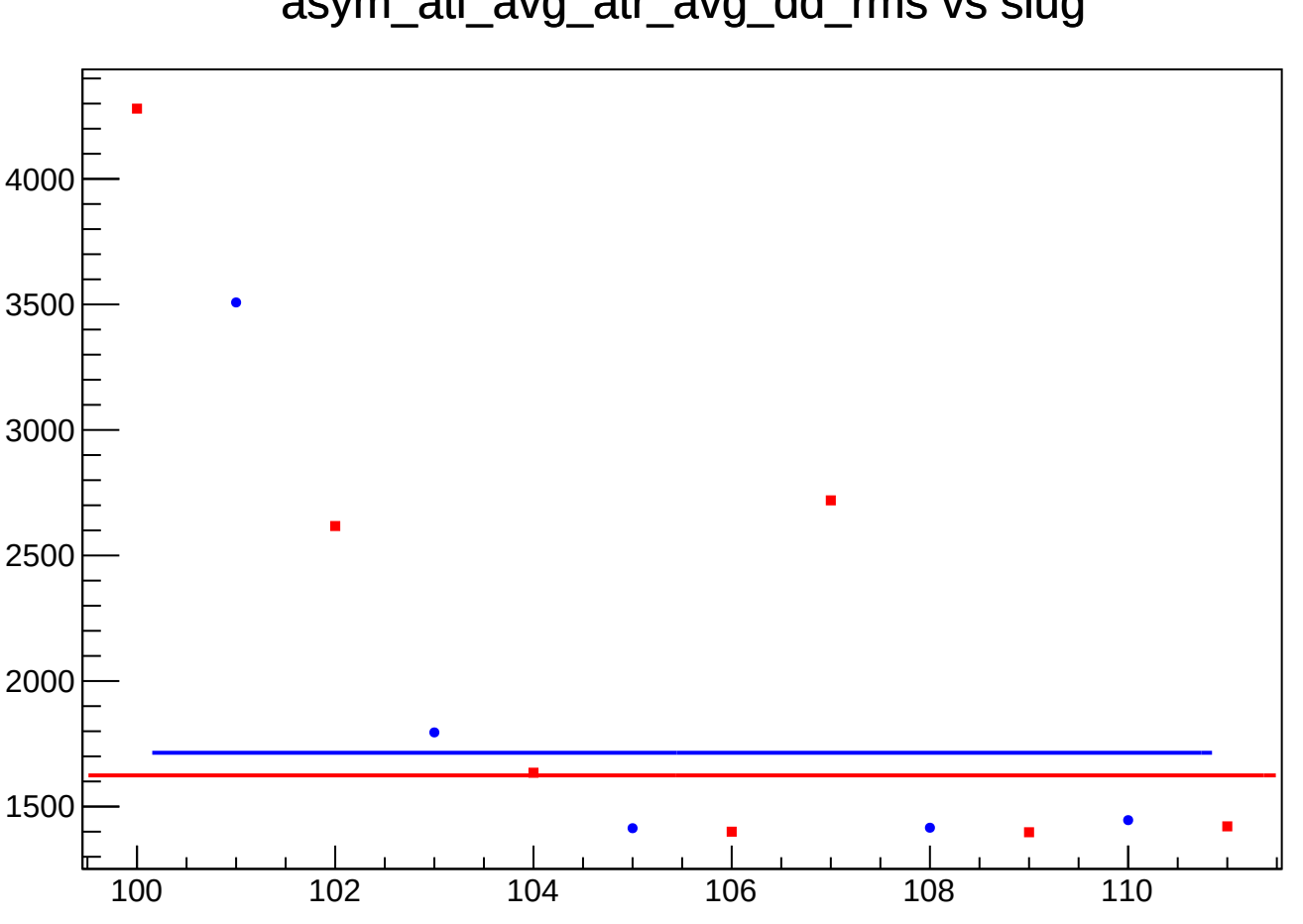
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1573.496+/-1066.670 χ^2/NDF: 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1026.691+/-1332.160 χ^2/NDF: 1.2/4

1573.496+/-1066.670 χ^2/NDF: 6.7/6



Right In: 1714.260+/-0.942 χ^2/NDF: 366207.7/4

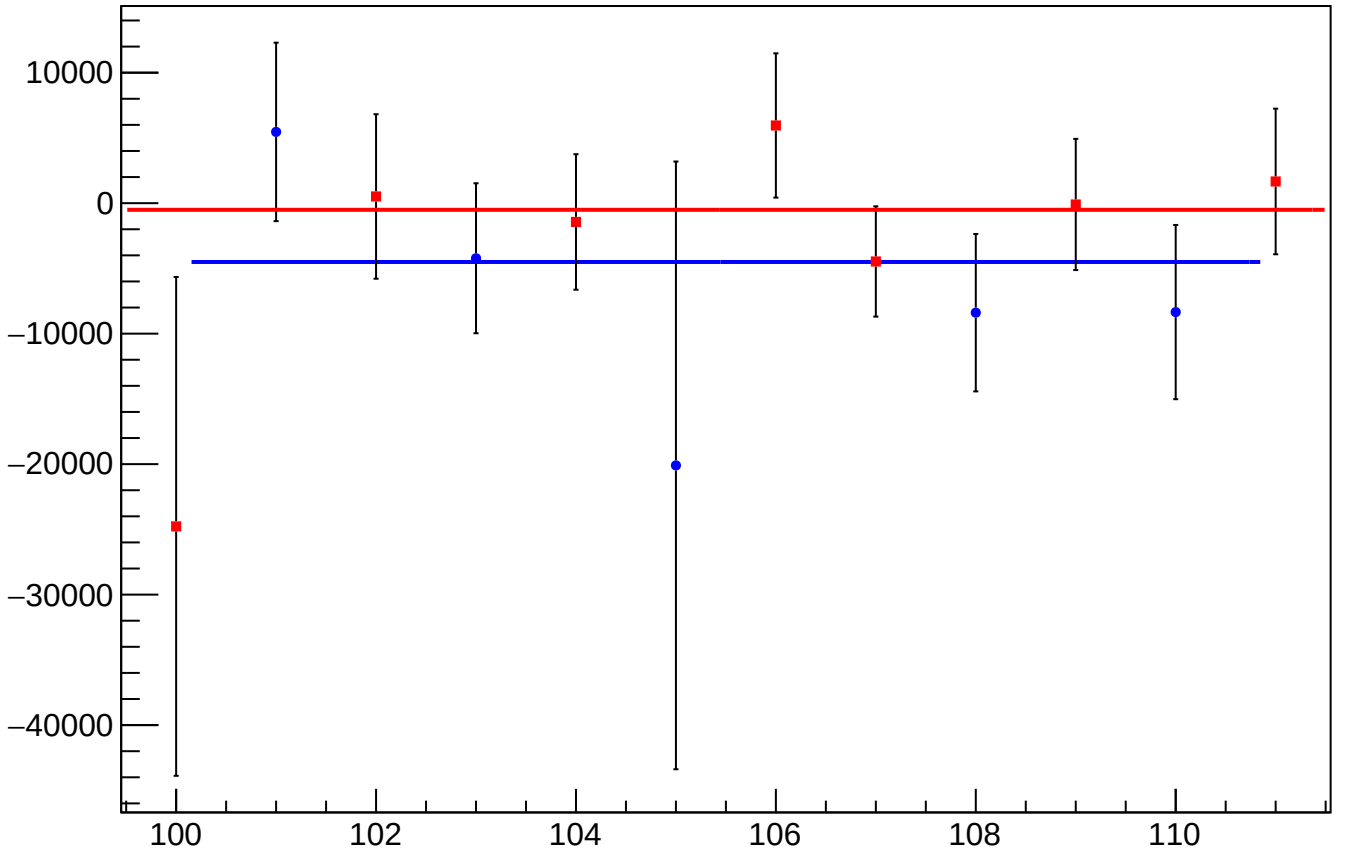
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1624.119+/-0.754 χ^2/NDF: 350040.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1714.260+/-0.942 χ^2/NDF: 366207.7/4

1624.119+/-0.754 χ^2/NDF: 350040.7/6



Right In: -4506.667+/-3109.411 χ^2/NDF: 3.3/4

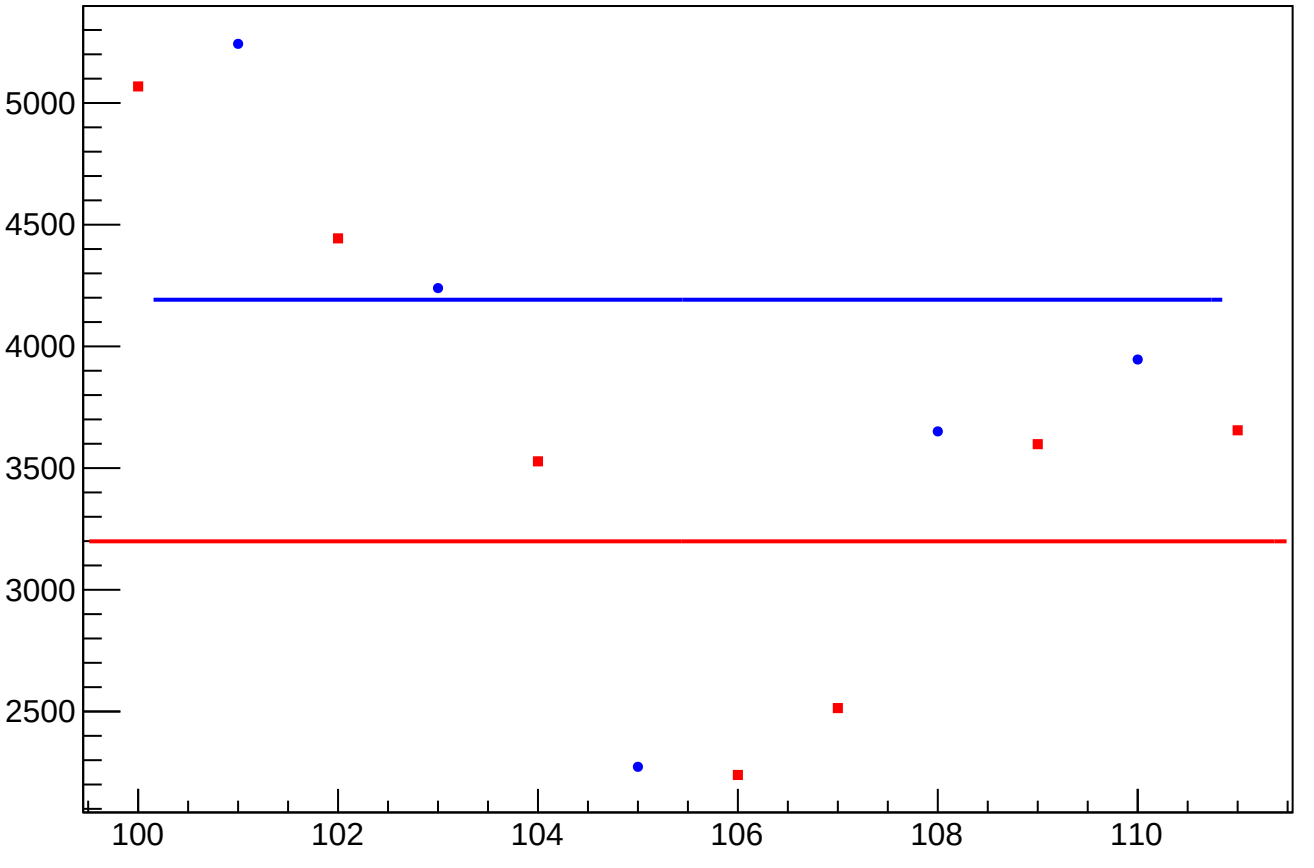
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -507.120+/-2106.269 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4506.667+/-3109.411 χ^2/NDF: 3.3/4

-507.120+/-2106.269 χ^2/NDF: 4.1/6



Right In: 4191.772+/-2.198 χ^2/NDF: 79778.3/4

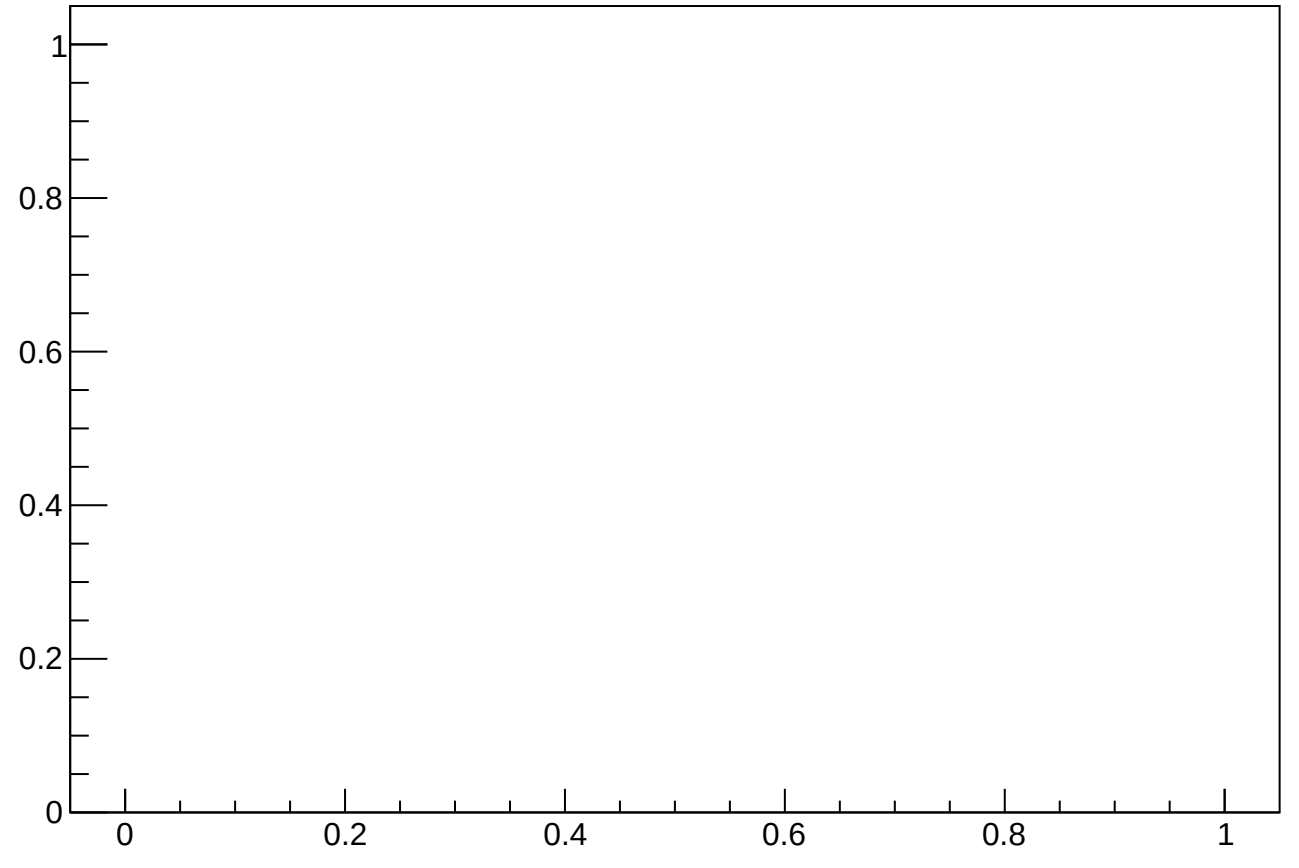
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3199.134+/-1.458 χ^2/NDF: 261778.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4191.772+/-2.198 χ^2/NDF: 79778.3/4

3199.134+/-1.458 χ^2/NDF: 261778.5/6



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

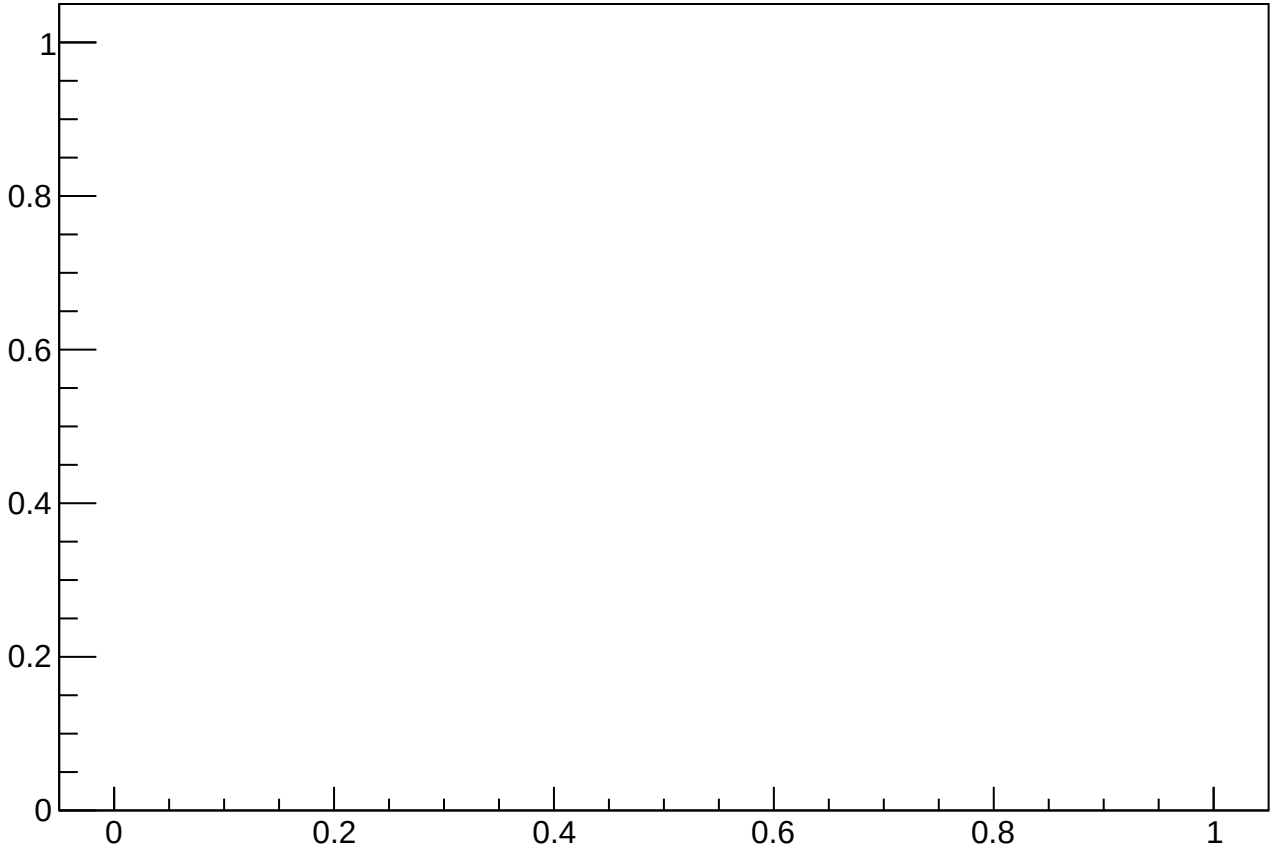
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

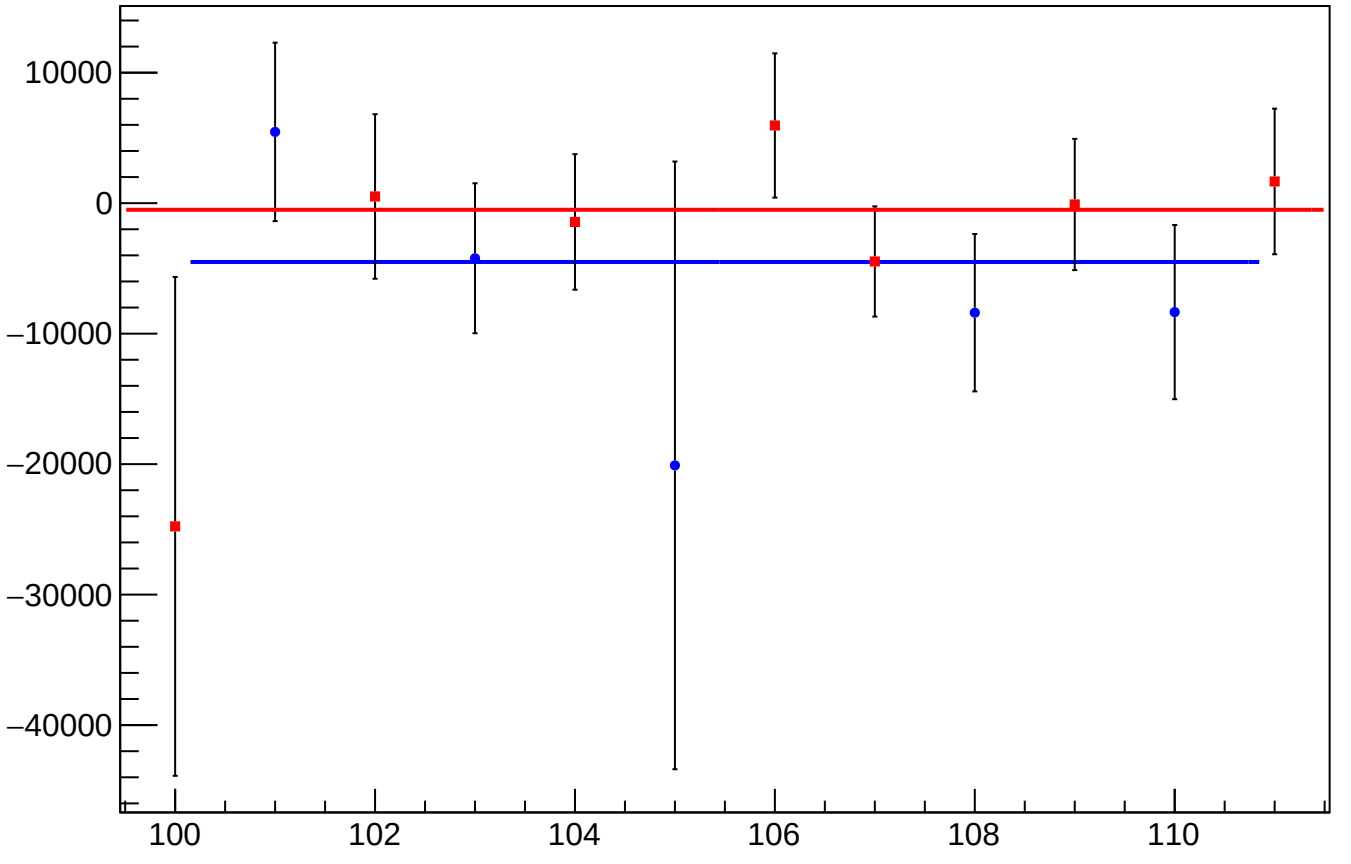
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: -4506.667+/-3109.411 χ^2/NDF: 3.3/4

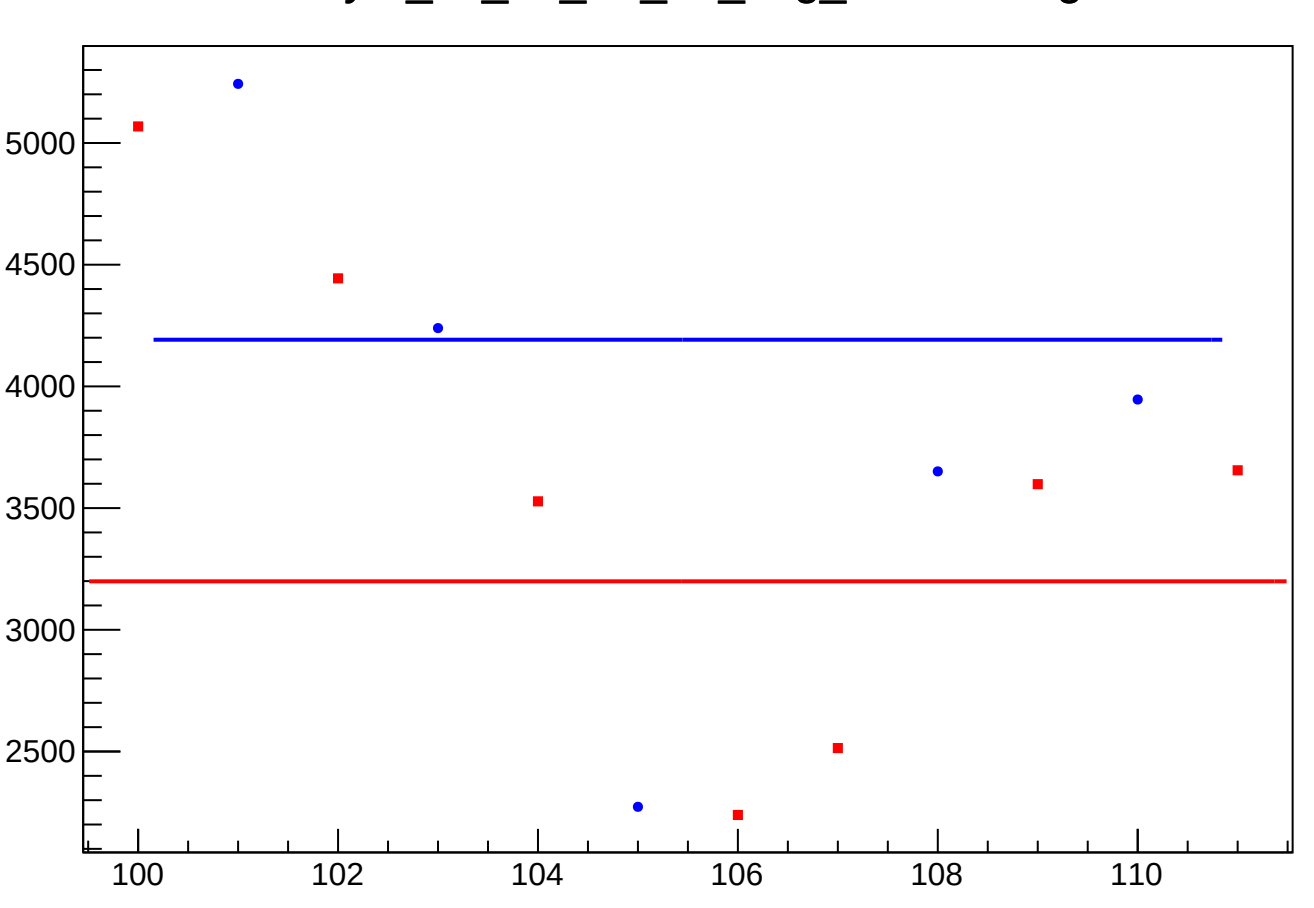
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -507.120+/-2106.269 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4506.667+/-3109.411 χ^2/NDF: 3.3/4

-507.120+/-2106.269 χ^2/NDF: 4.1/6



Right In: 4191.772+/-2.198 χ^2/NDF: 79778.3/4

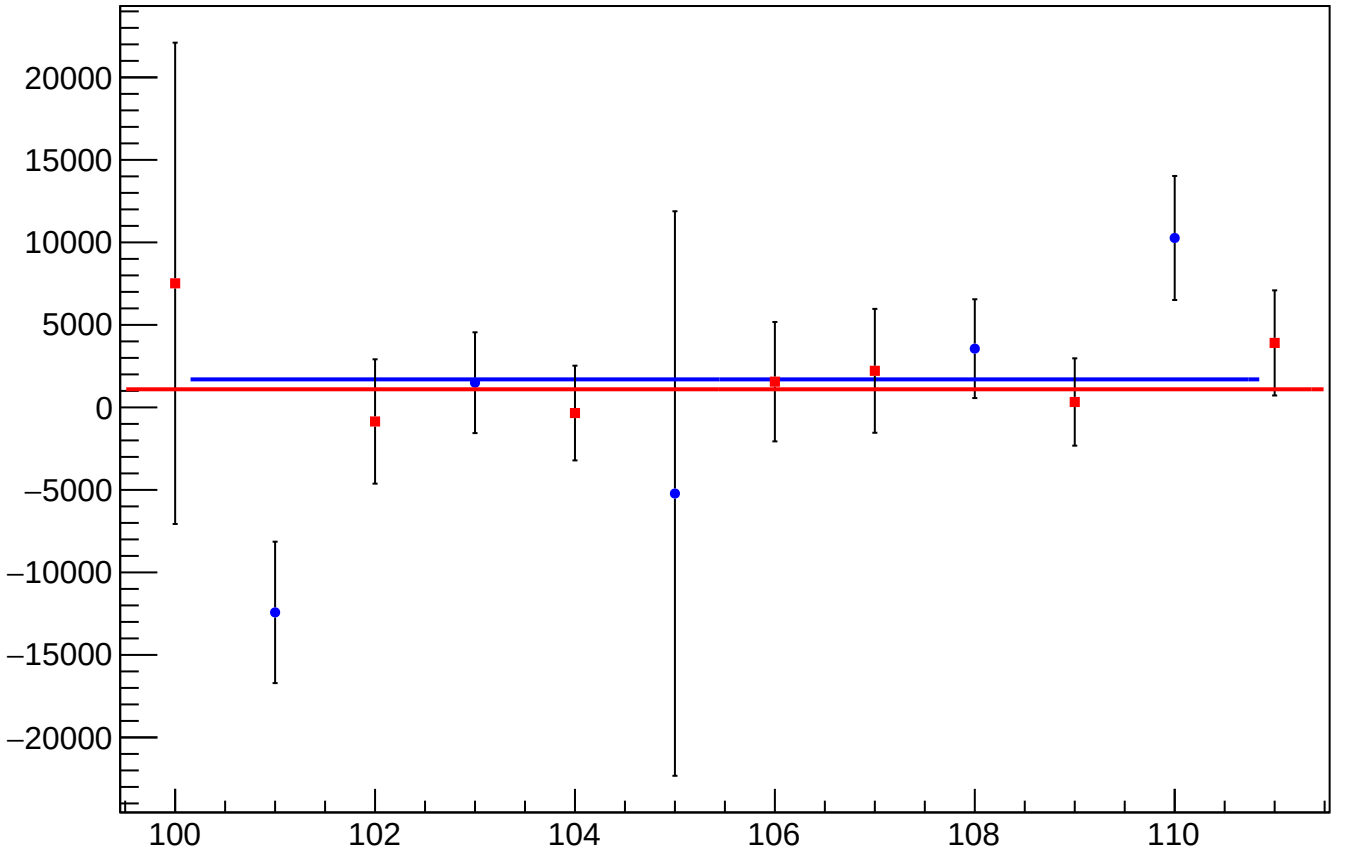
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3199.134+/-1.458 χ^2/NDF: 261778.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4191.772+/-2.198 χ^2/NDF: 79778.3/4

3199.134+/-1.458 χ^2/NDF: 261778.5/6



Right In: 1698.980+/-1696.655 χ^2/NDF: 16.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

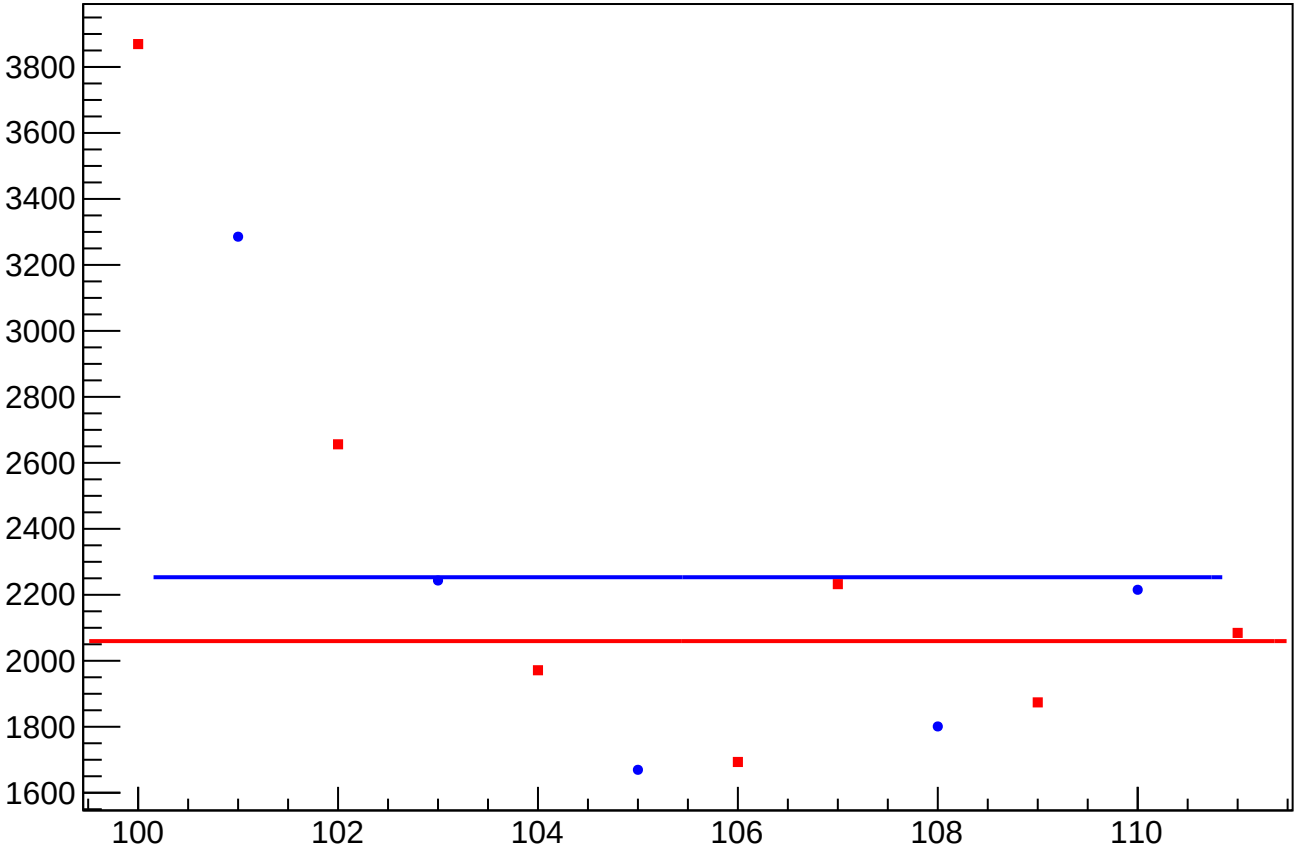
Right Out: 1097.535+/-1307.236 χ^2/NDF: 1.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1698.980+/-1696.655 χ^2/NDF: 16.6/4

1097.535+/-1307.236 χ^2/NDF: 1.7/6

reg_asym_atl_dd_atr_dd_dd_rms vs slug



Right In: 2253.293+/-1.200 χ^2/NDF: 164247.5/4

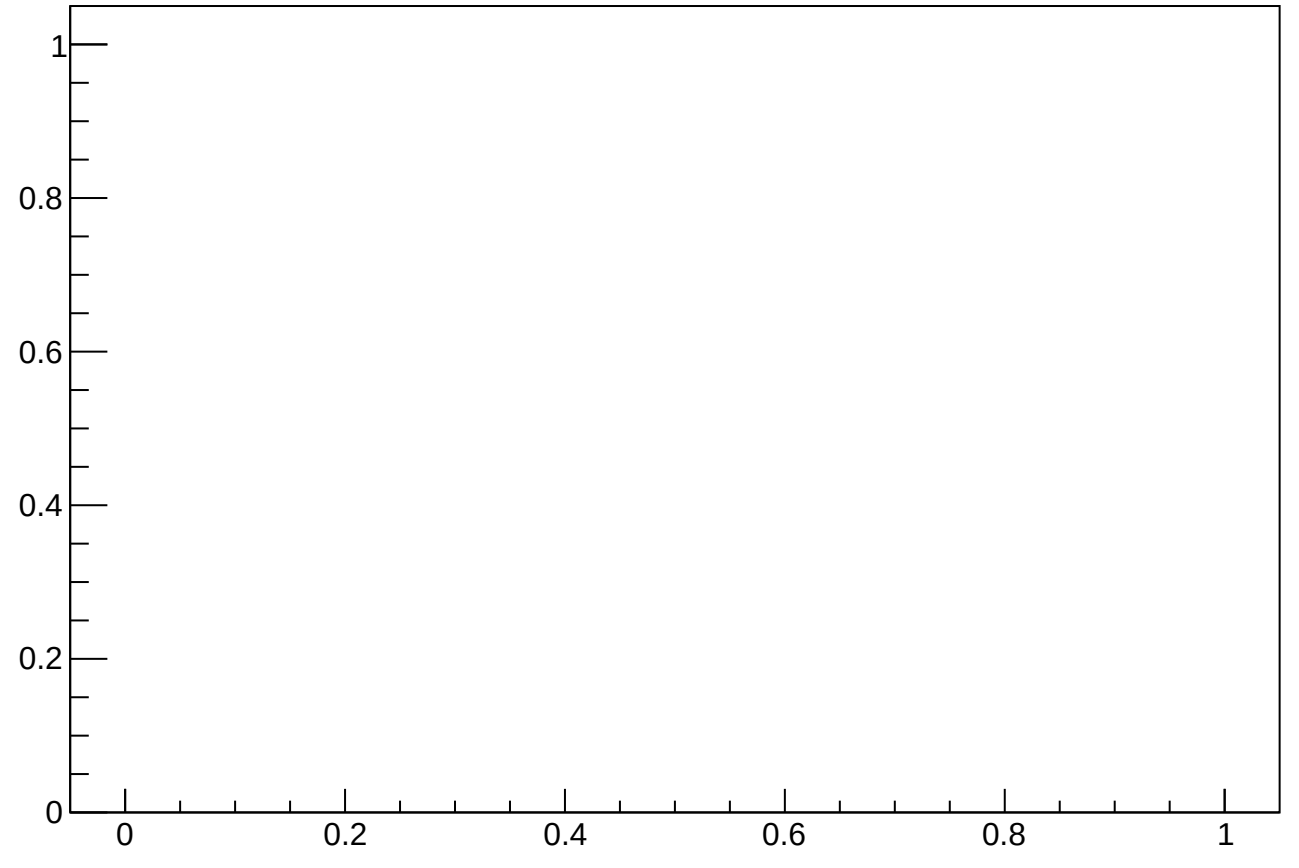
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2059.670+/-0.924 χ^2/NDF: 117556.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2253.293+/-1.200 χ^2/NDF: 164247.5/4

2059.670+/-0.924 χ^2/NDF: 117556.7/6



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

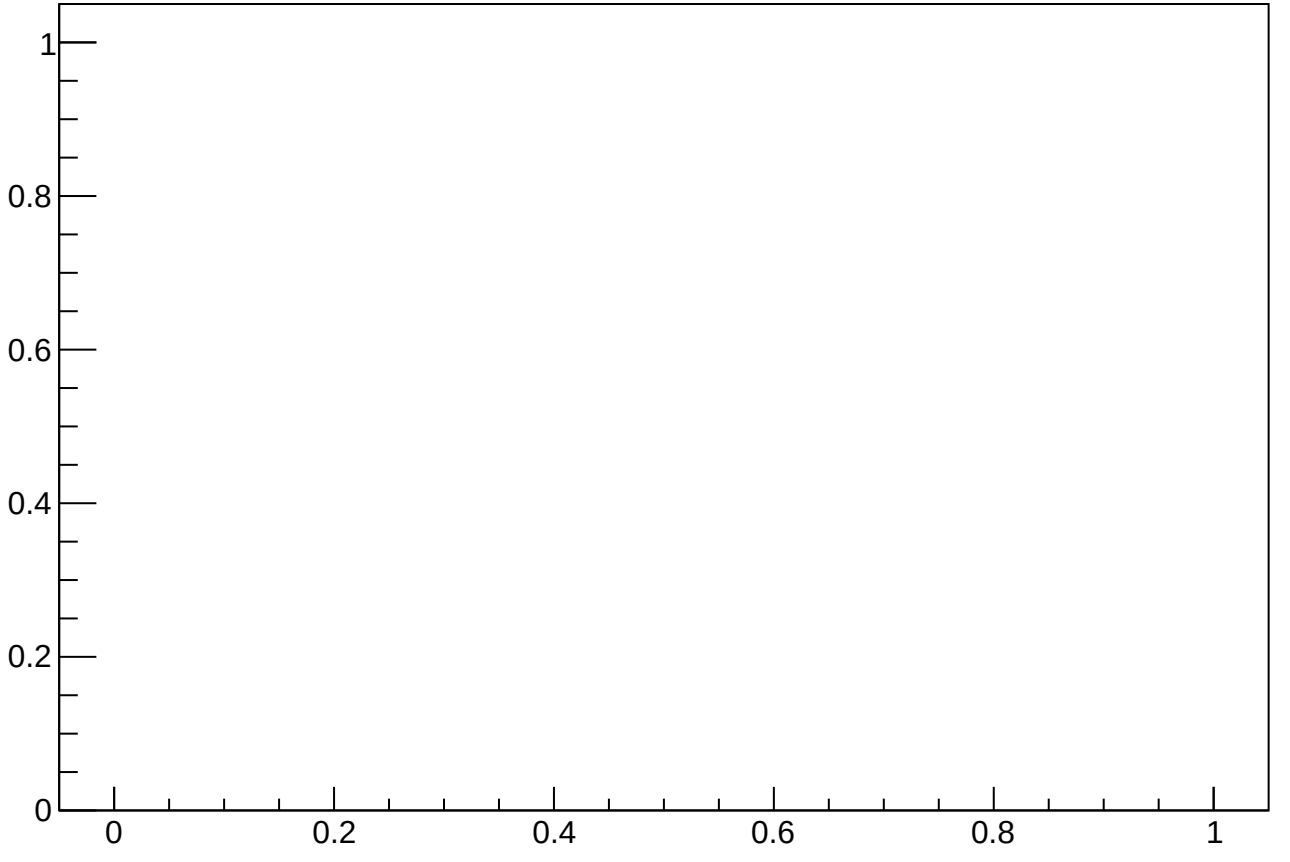
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

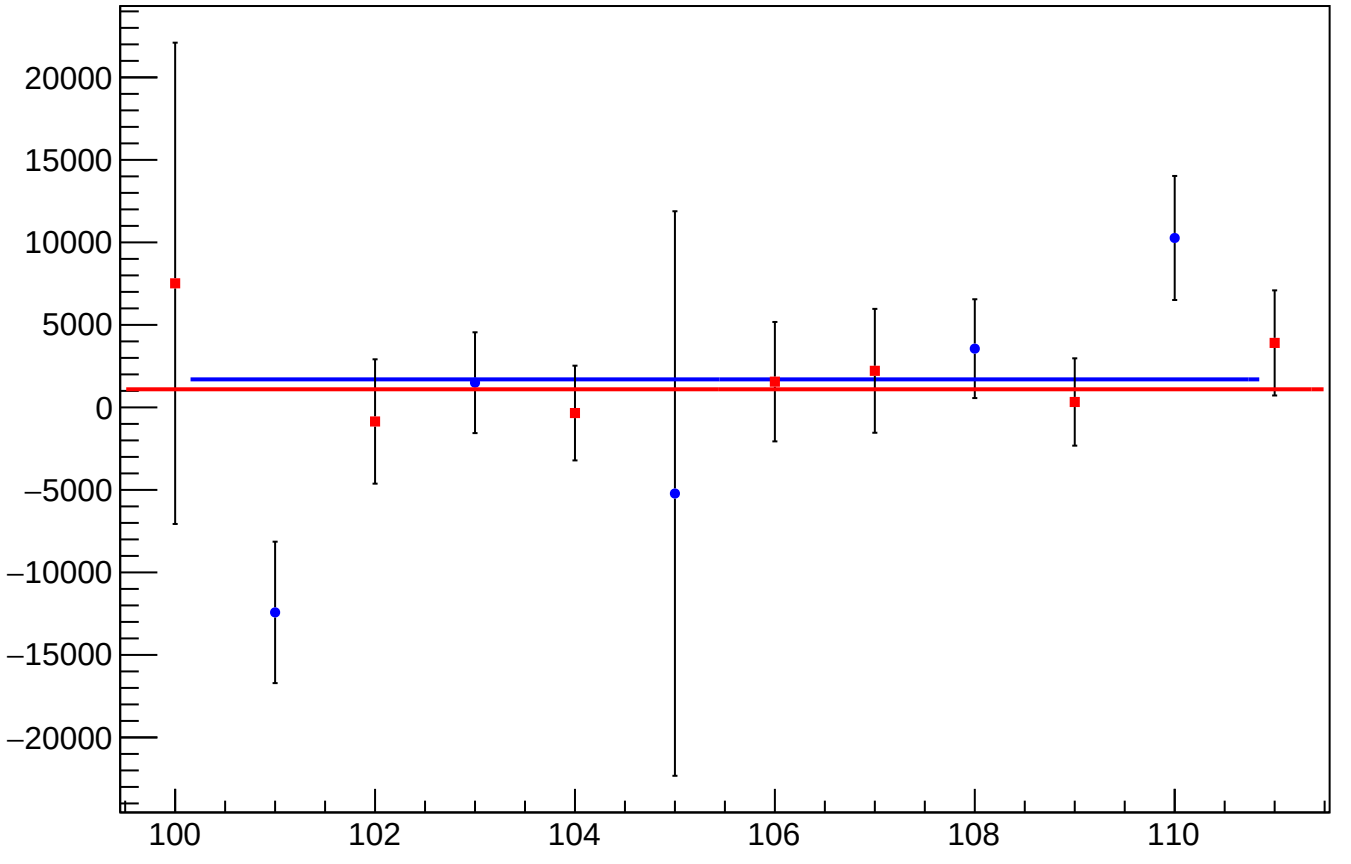
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: 1698.980+/-1696.655 χ^2/NDF: 16.6/4

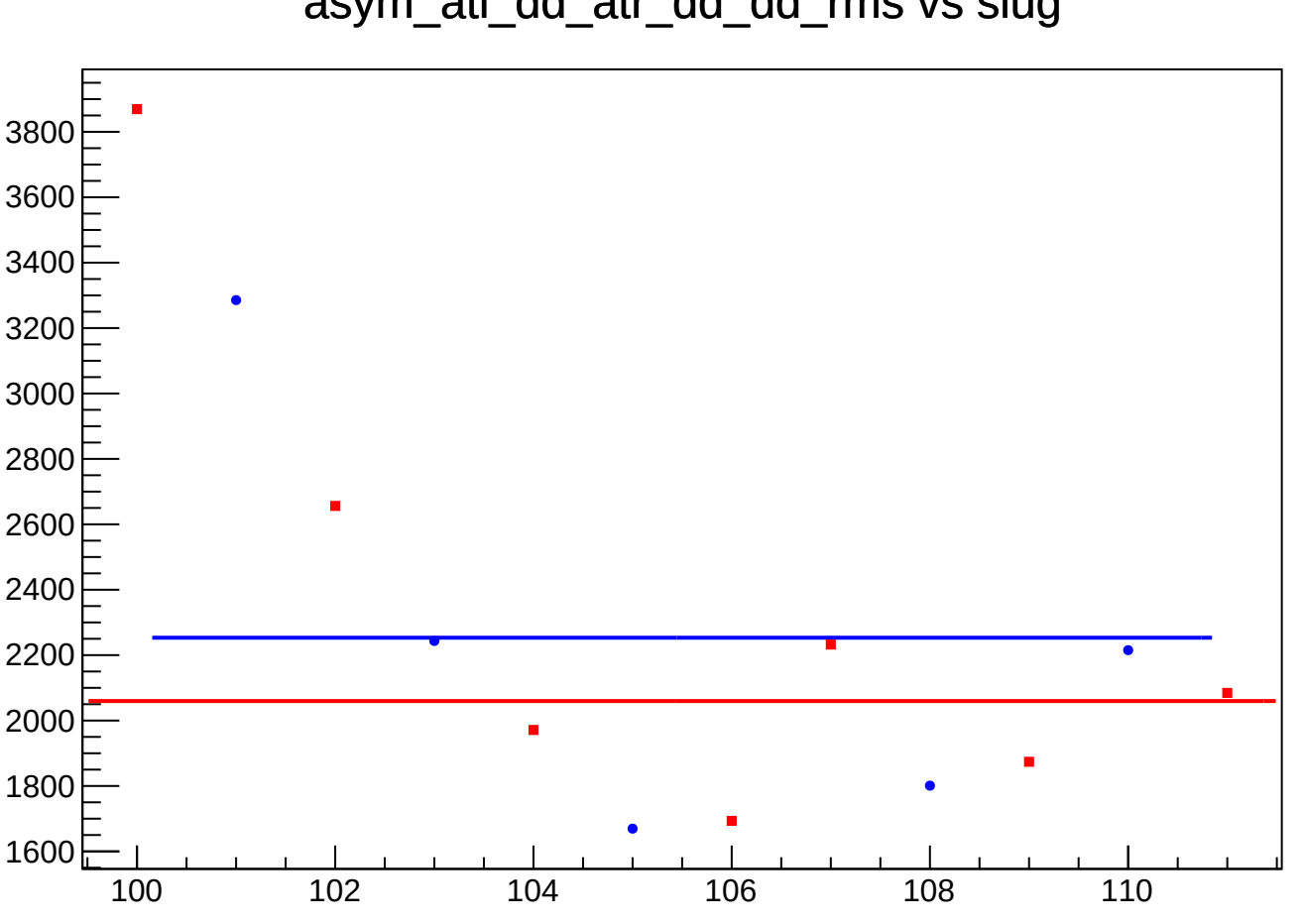
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1097.535+/-1307.236 χ^2/NDF: 1.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1698.980+/-1696.655 χ^2/NDF: 16.6/4

1097.535+/-1307.236 χ^2/NDF: 1.7/6



Right In: 2253.293+/-1.200 χ^2/NDF: 164247.5/4

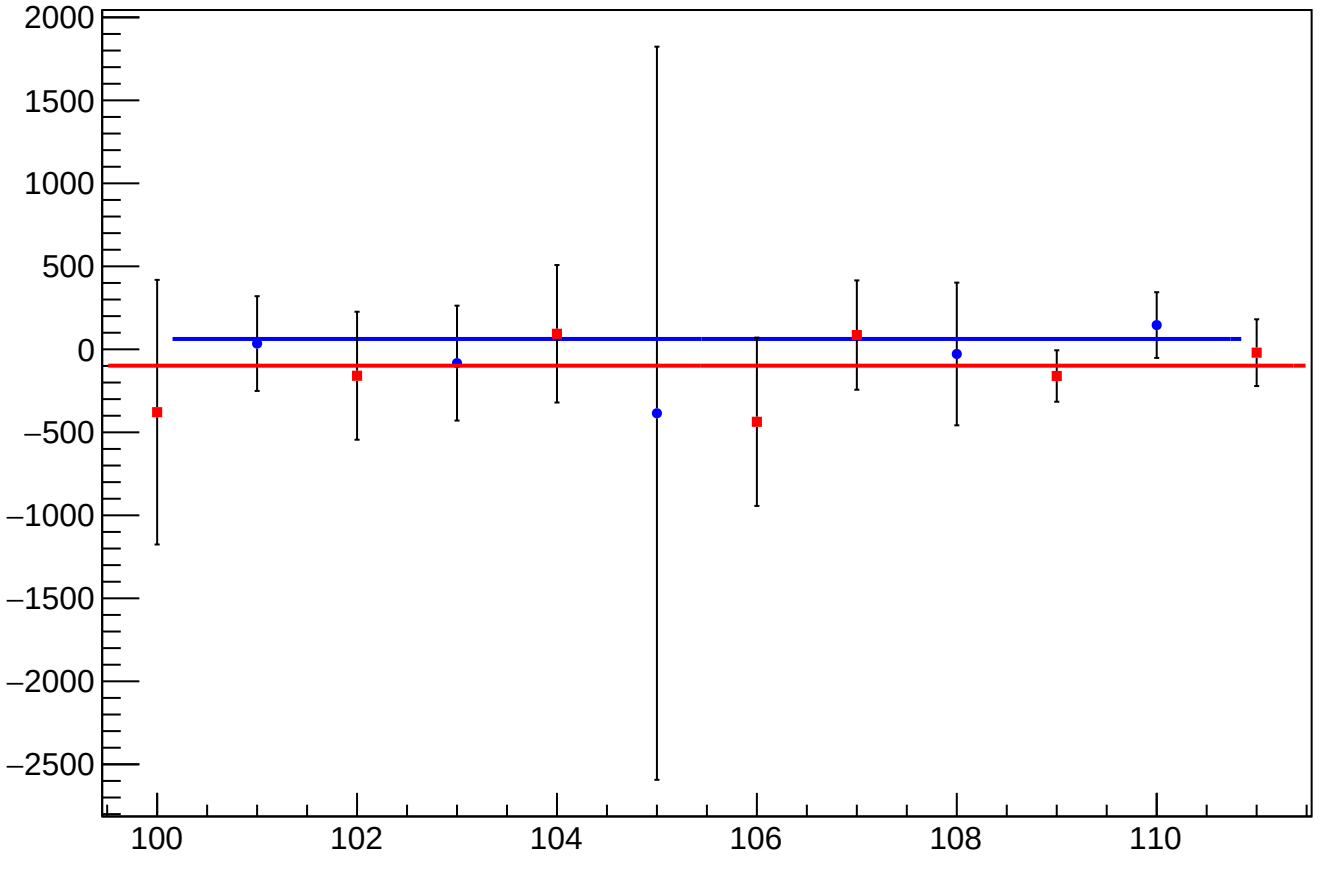
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2059.670+/-0.924 χ^2/NDF: 117556.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2253.293+/-1.200 χ^2/NDF: 164247.5/4

2059.670+/-0.924 χ^2/NDF: 117556.7/6



Right In: 62.548+/-138.954 χ^2/NDF: 0.5/4

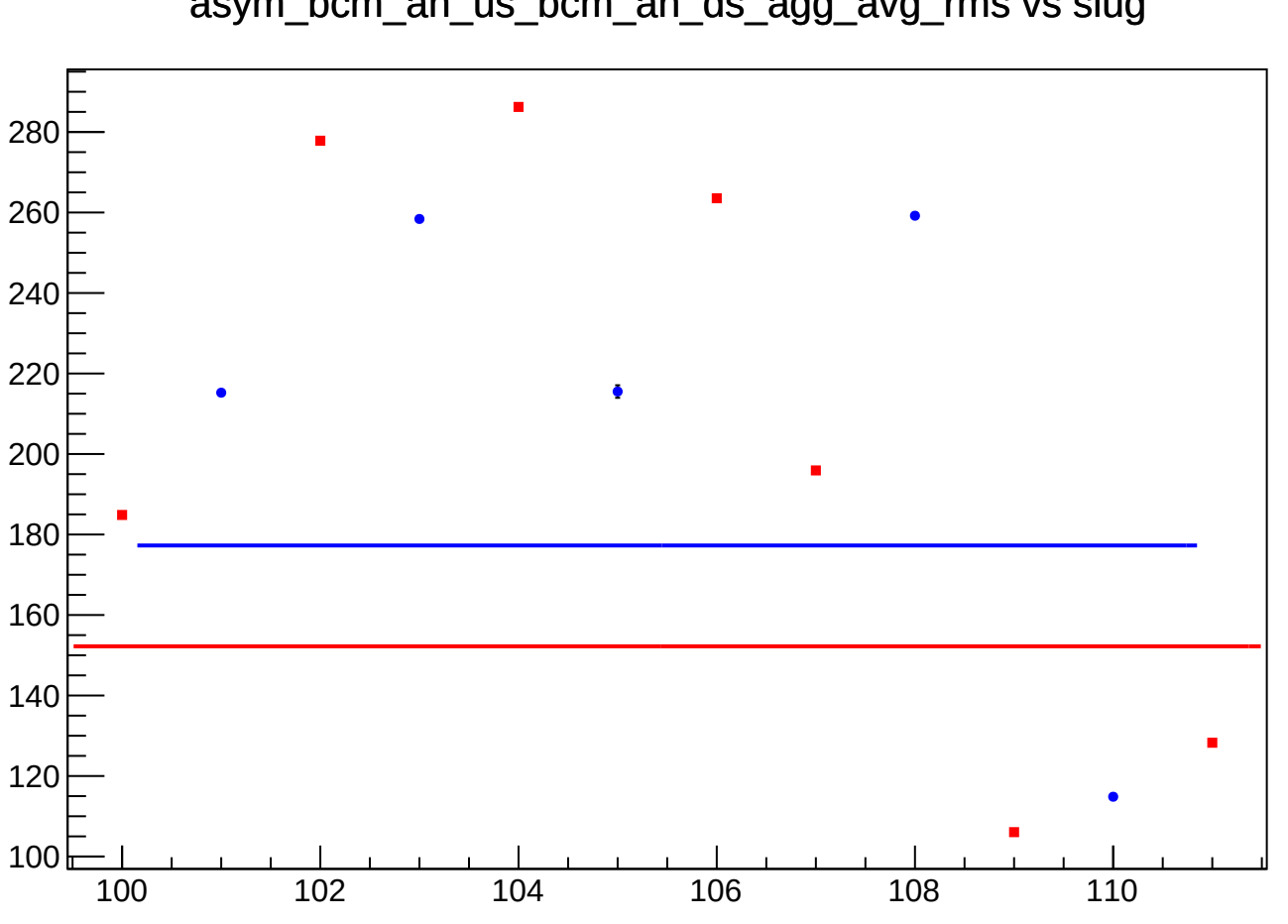
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -98.395+/-103.366 χ^2/NDF: 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

62.548+/-138.954 χ^2/NDF: 0.5/4

-98.395+/-103.366 χ^2/NDF: 1.4/6



Right In: 177.274+/-0.098 χ^2/NDF: 417586.9/4

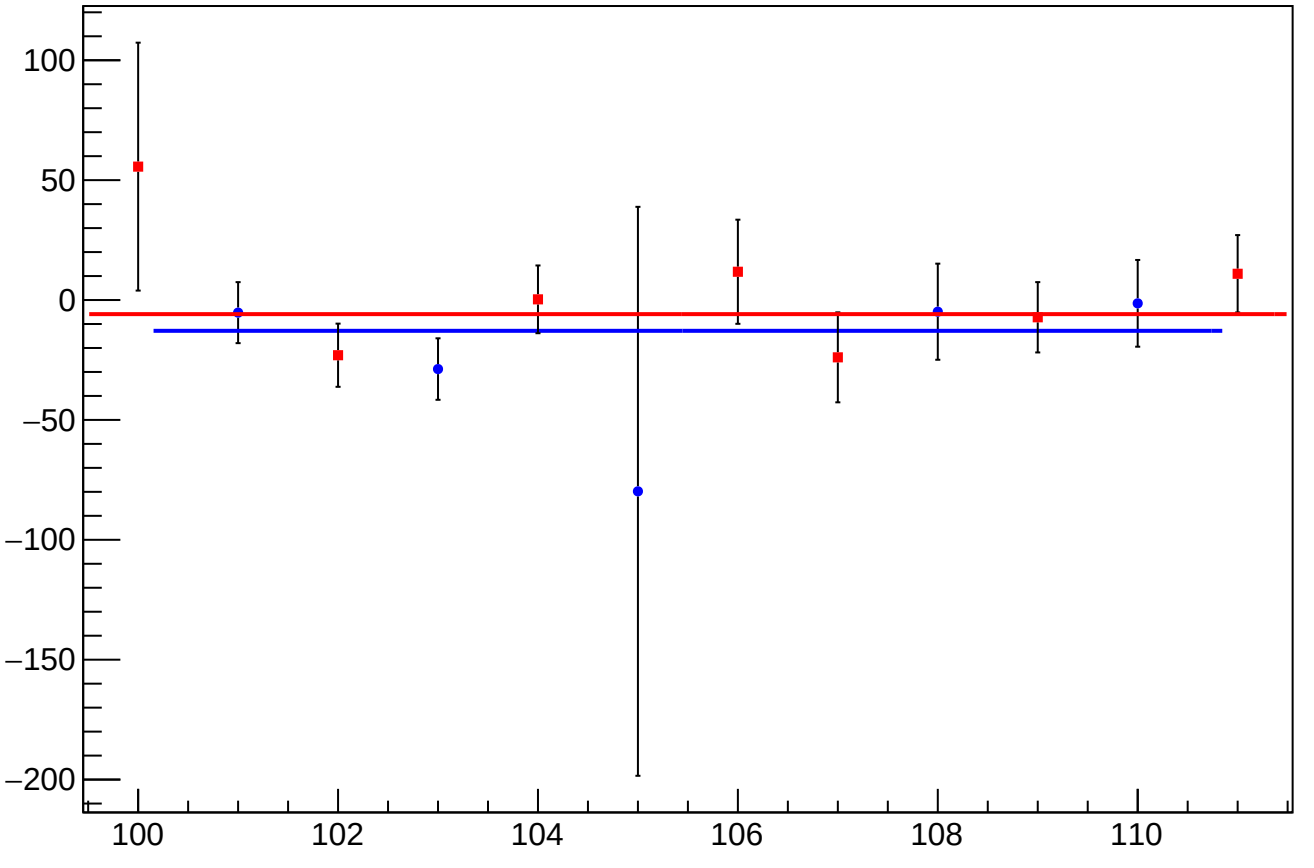
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 152.228+/-0.073 χ^2/NDF: 762622.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

177.274+/-0.098 χ^2/NDF: 417586.9/4

152.228+/-0.073 χ^2/NDF: 762622.3/6



Right In: -12.843+/-7.479 χ^2/NDF: 2.8/4

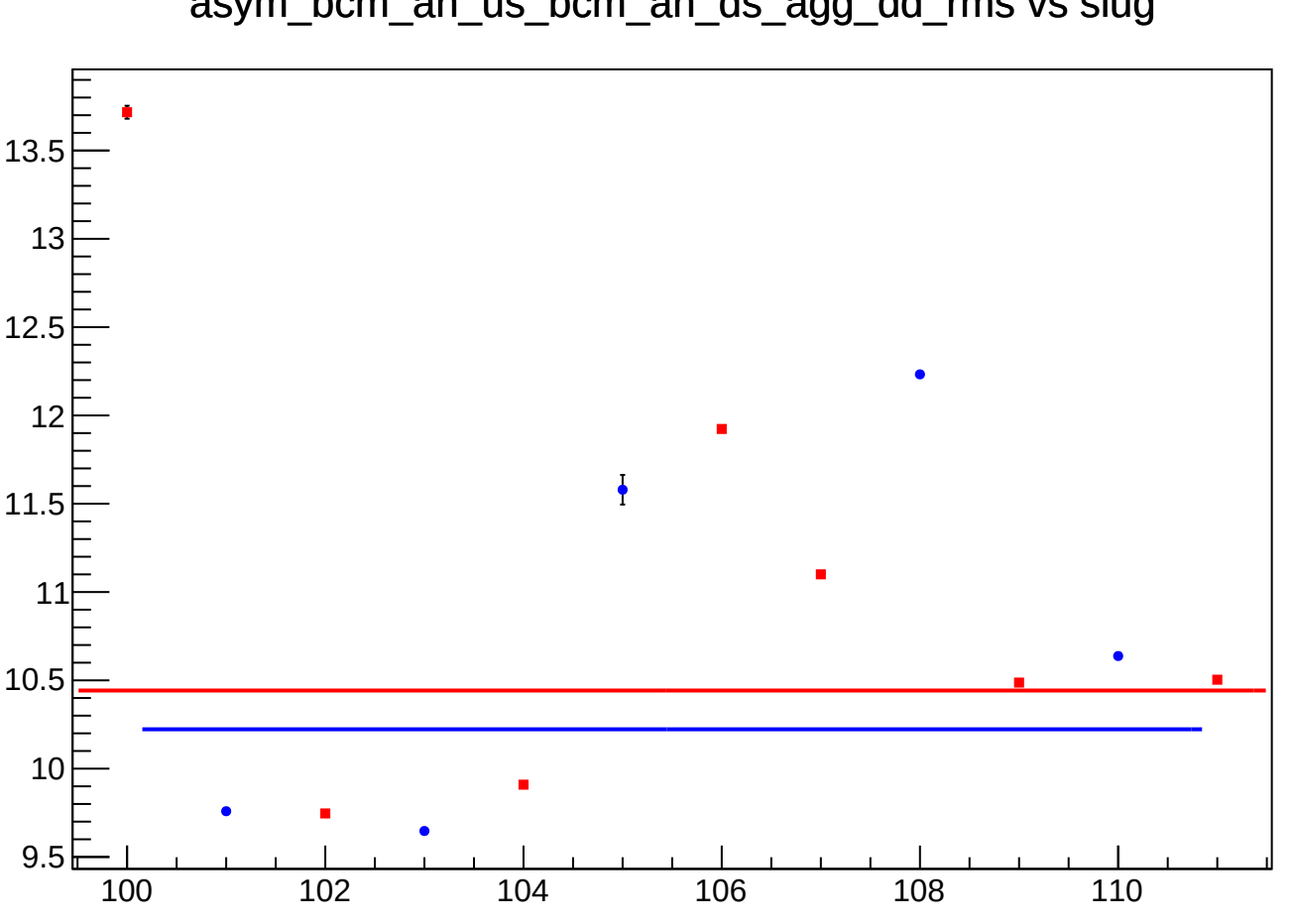
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.880+/-6.376 χ^2/NDF: 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-12.843+/-7.479 χ^2/NDF: 2.8/4

-5.880+/-6.376 χ^2/NDF: 6.0/6



Right In: 10.223+/-0.005 χ^2/NDF: 28116.3/4

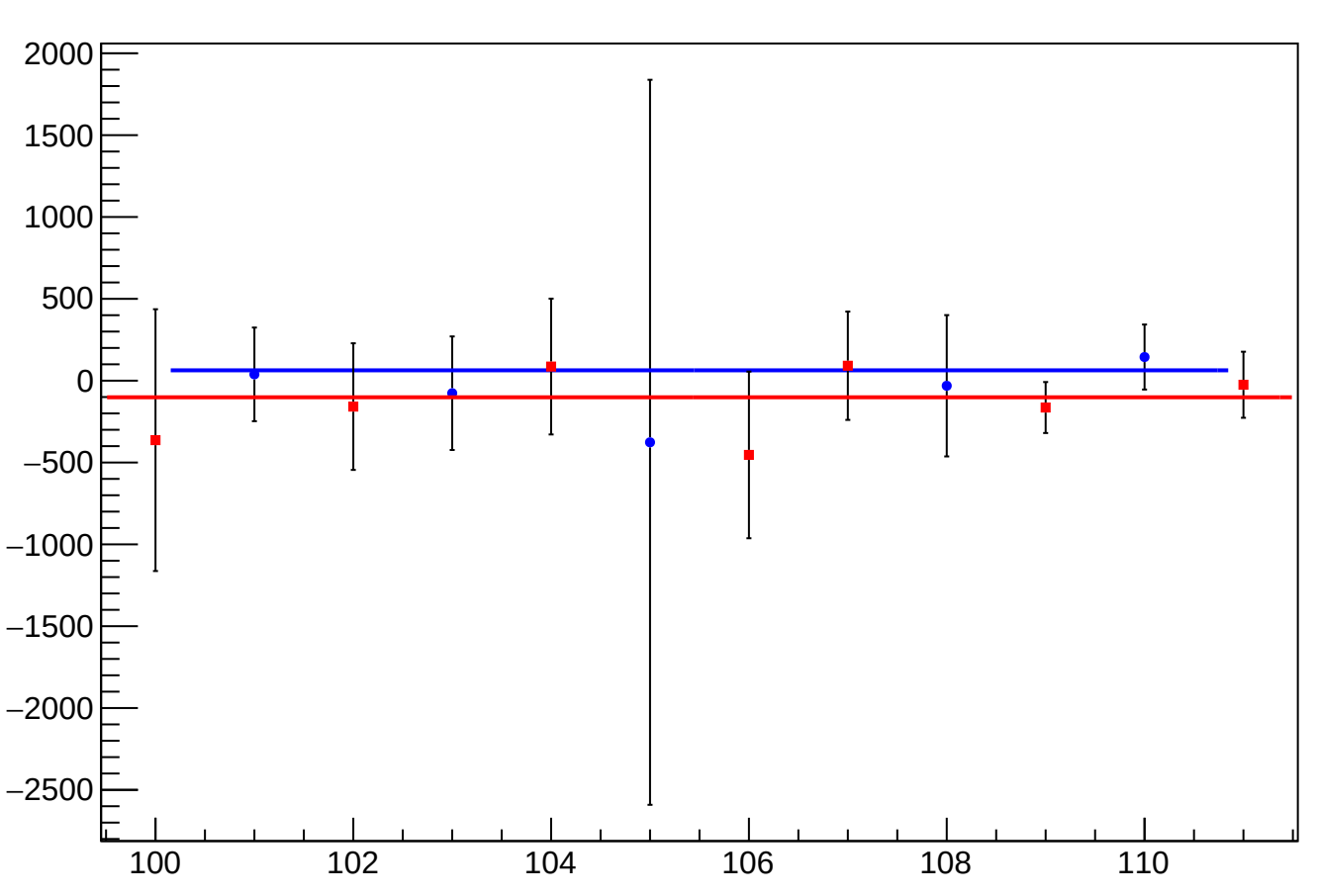
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.442+/-0.005 χ^2/NDF: 28262.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

10.223+/-0.005 χ^2/NDF: 28116.3/4

10.442+/-0.005 χ^2/NDF: 28262.2/6



Right In: 63.248+/-139.383 χ^2/NDF: 0.4/4

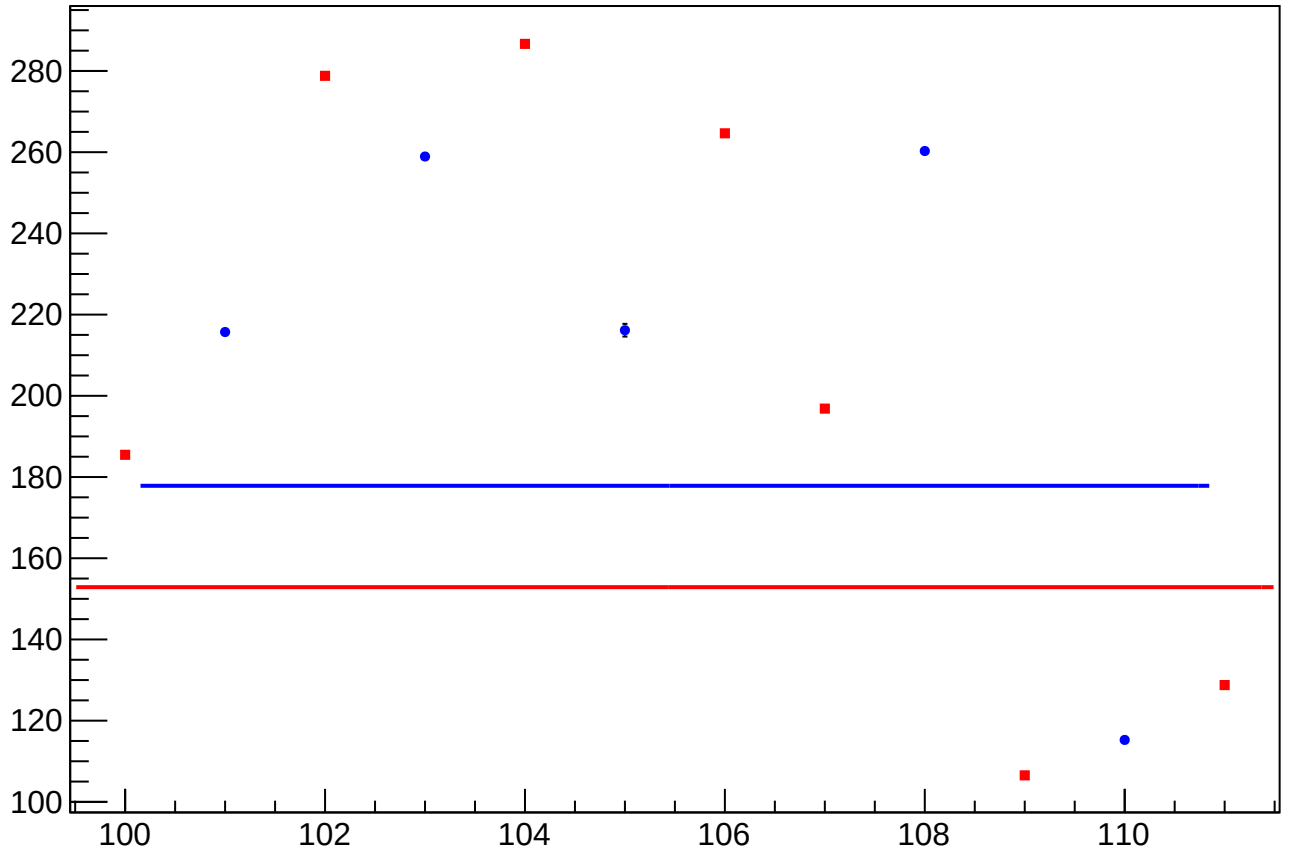
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -101.456+/-103.788 χ^2/NDF: 1.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

63.248+/-139.383 χ^2/NDF: 0.4/4

-101.456+/-103.788 χ^2/NDF: 1.5/6



Right In: 177.843+/-0.099 χ^2/NDF: 416604.0/4

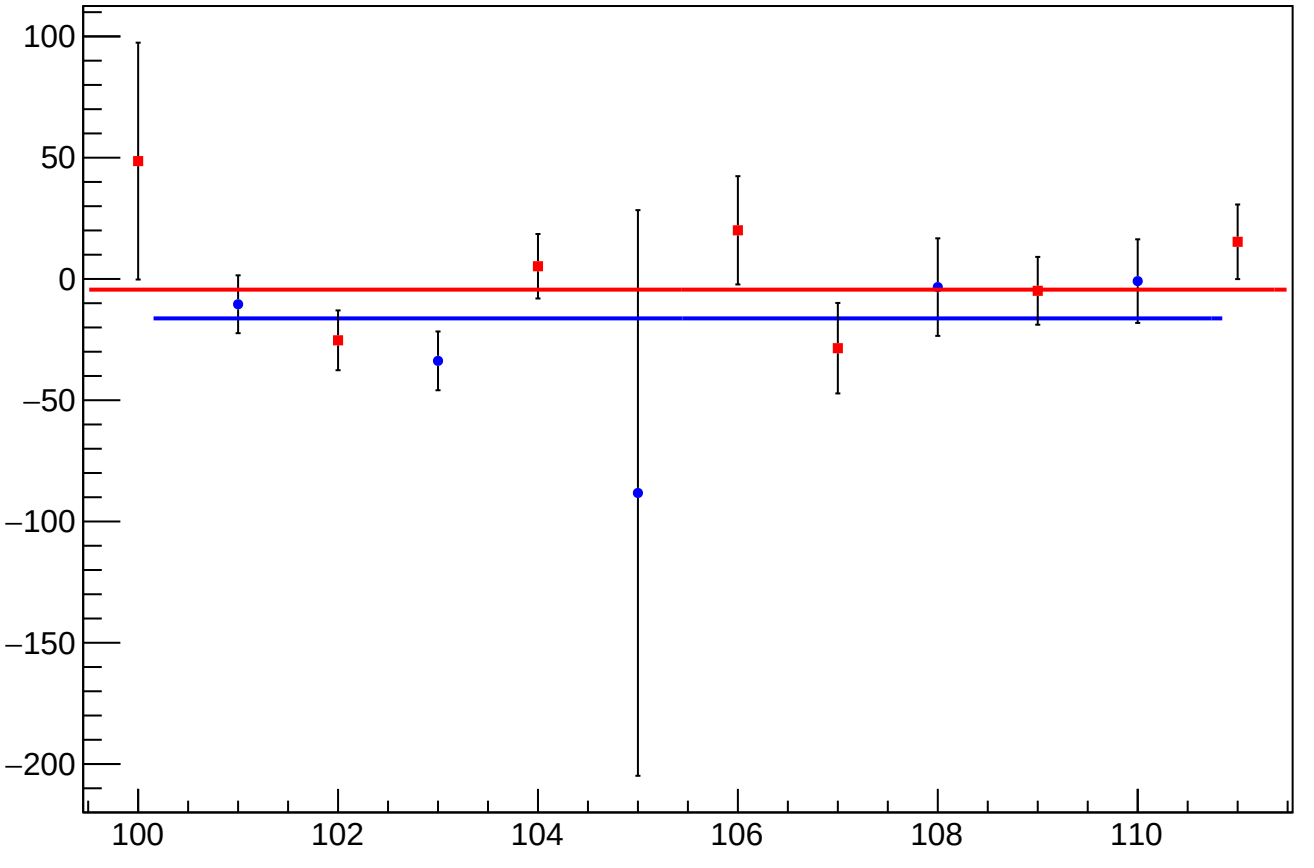
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 152.878+/-0.073 χ^2/NDF: 760813.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

177.843+/-0.099 χ^2/NDF: 416604.0/4

152.878+/-0.073 χ^2/NDF: 760813.3/6



Right In: -16.257+/-7.116 χ^2/NDF: 3.9/4

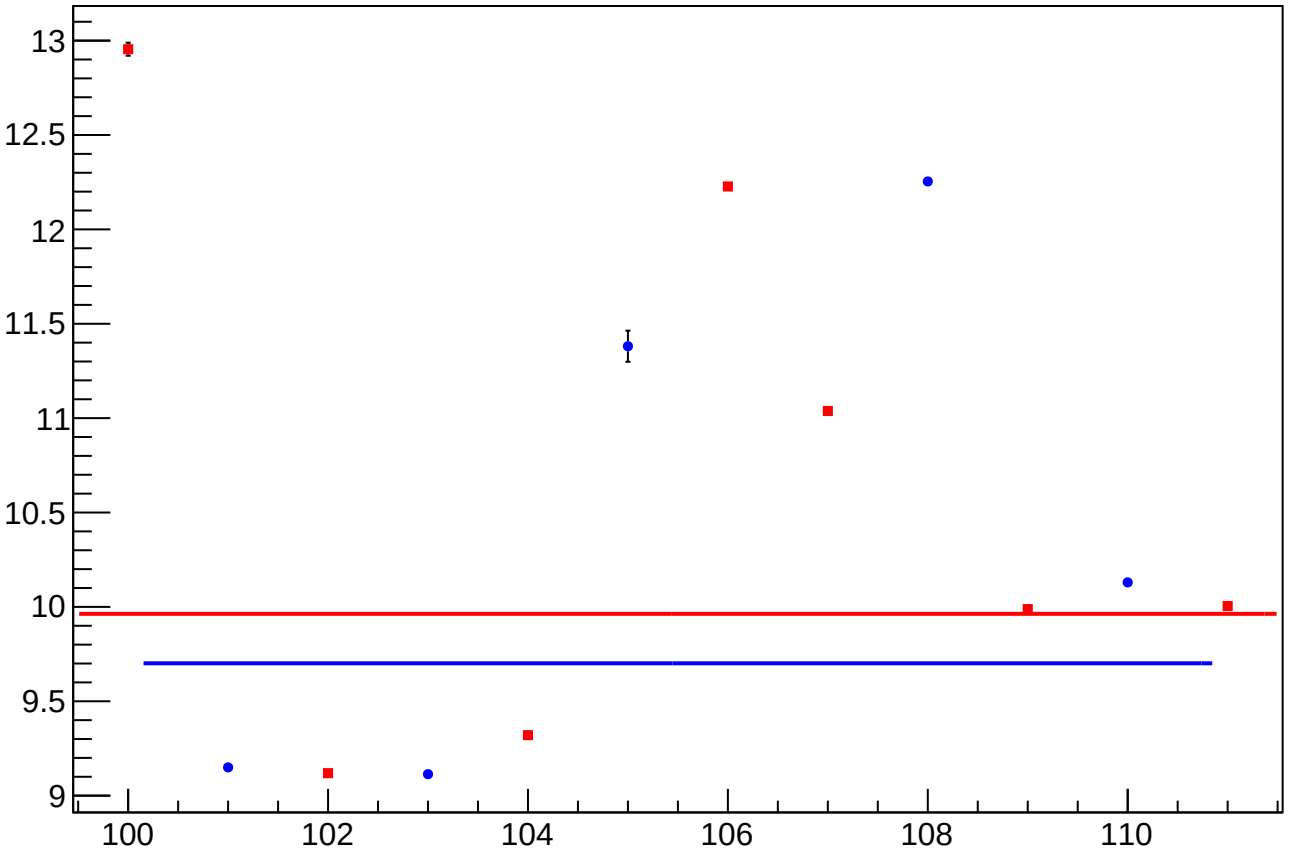
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.404+/-6.099 χ^2/NDF: 9.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-16.257+/-7.116 χ^2/NDF: 3.9/4

-4.404+/-6.099 χ^2/NDF: 9.1/6



Right In: 9.701+/-0.005 χ^2/NDF: 42846.9/4

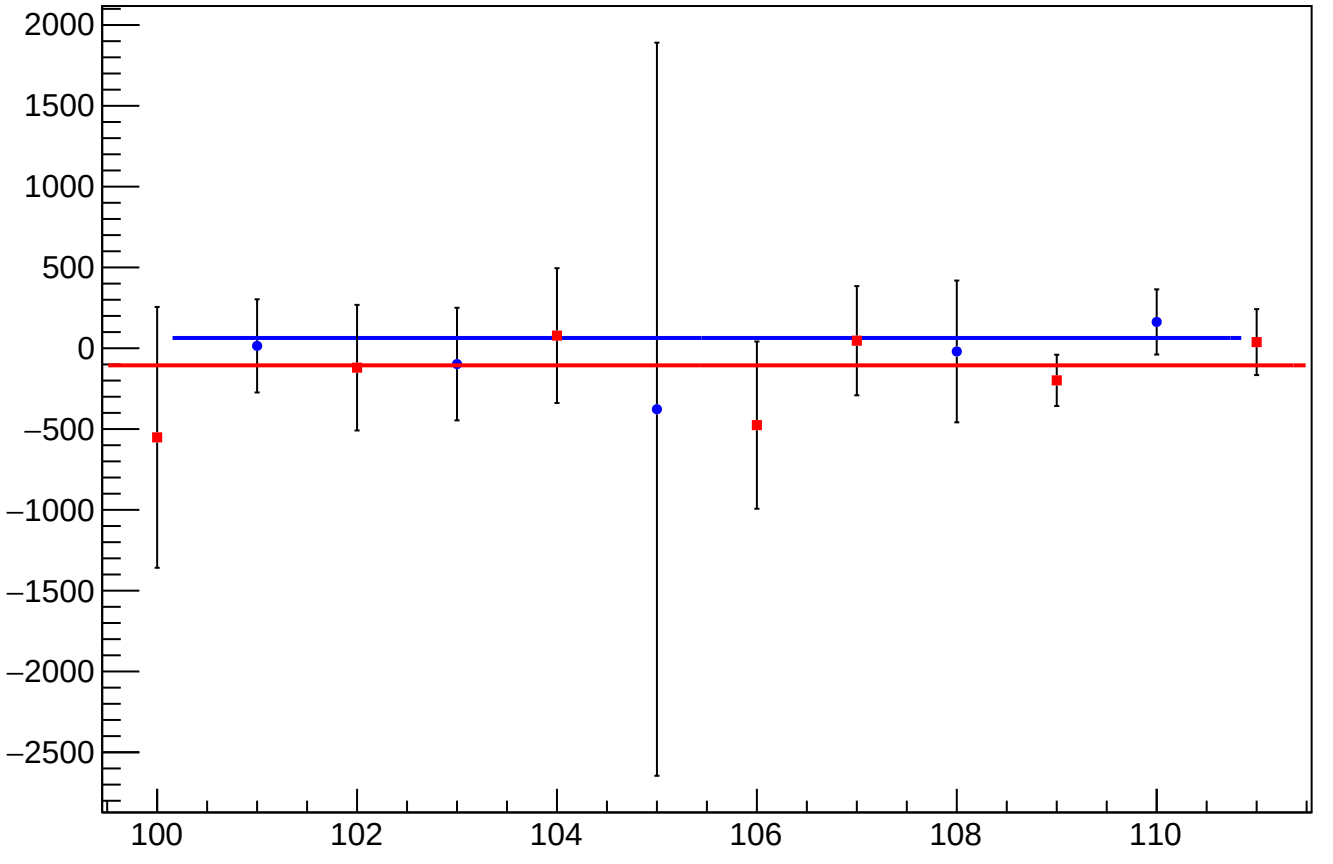
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.963+/-0.004 χ^2/NDF: 48797.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

9.701+/-0.005 χ^2/NDF: 42846.9/4

9.963+/-0.004 χ^2/NDF: 48797.4/6



Right In: 63.619+/-141.056 χ^2/NDF: 0.6/4

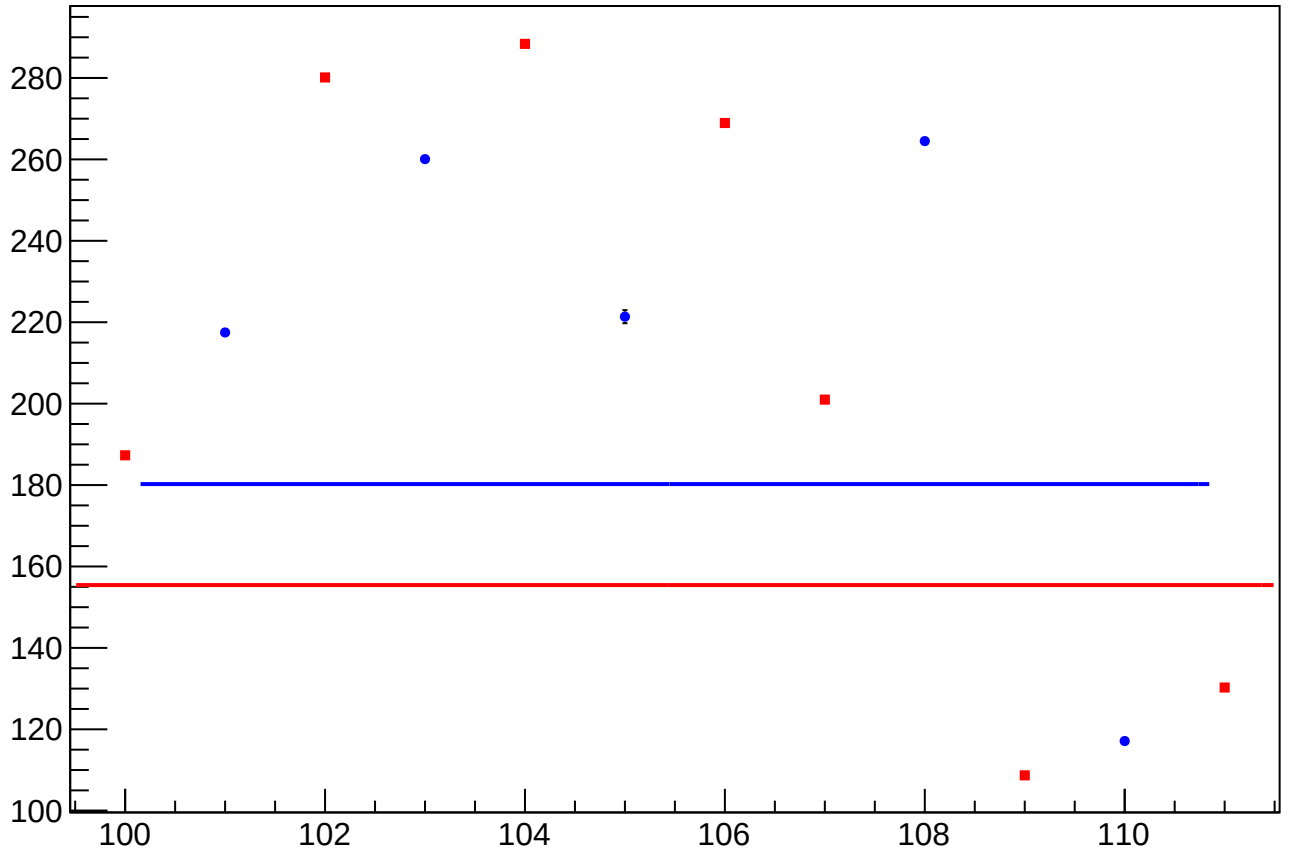
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -105.859+/-105.324 χ^2/NDF: 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

63.619+/-141.056 χ^2/NDF: 0.6/4

-105.859+/-105.324 χ^2/NDF: 2.1/6



Right In: 180.241+/-0.100 χ^2/NDF: 408822.5/4

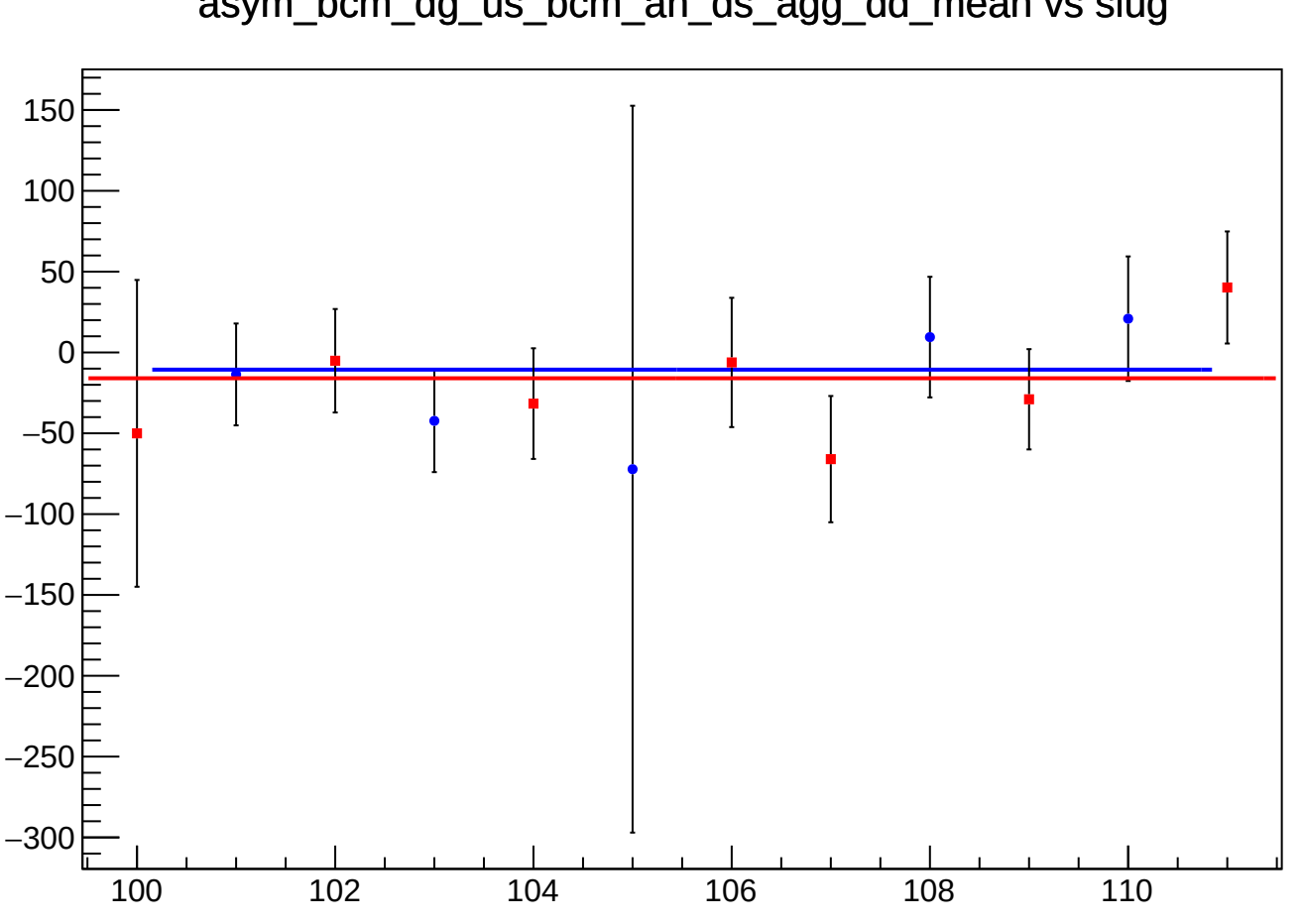
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 155.435+/-0.074 χ^2/NDF: 748867.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

180.241+/-0.100 χ^2/NDF: 408822.5/4

155.435+/-0.074 χ^2/NDF: 748867.8/6



Right In: -10.627+/-17.112 χ^2/NDF: 2.0/4

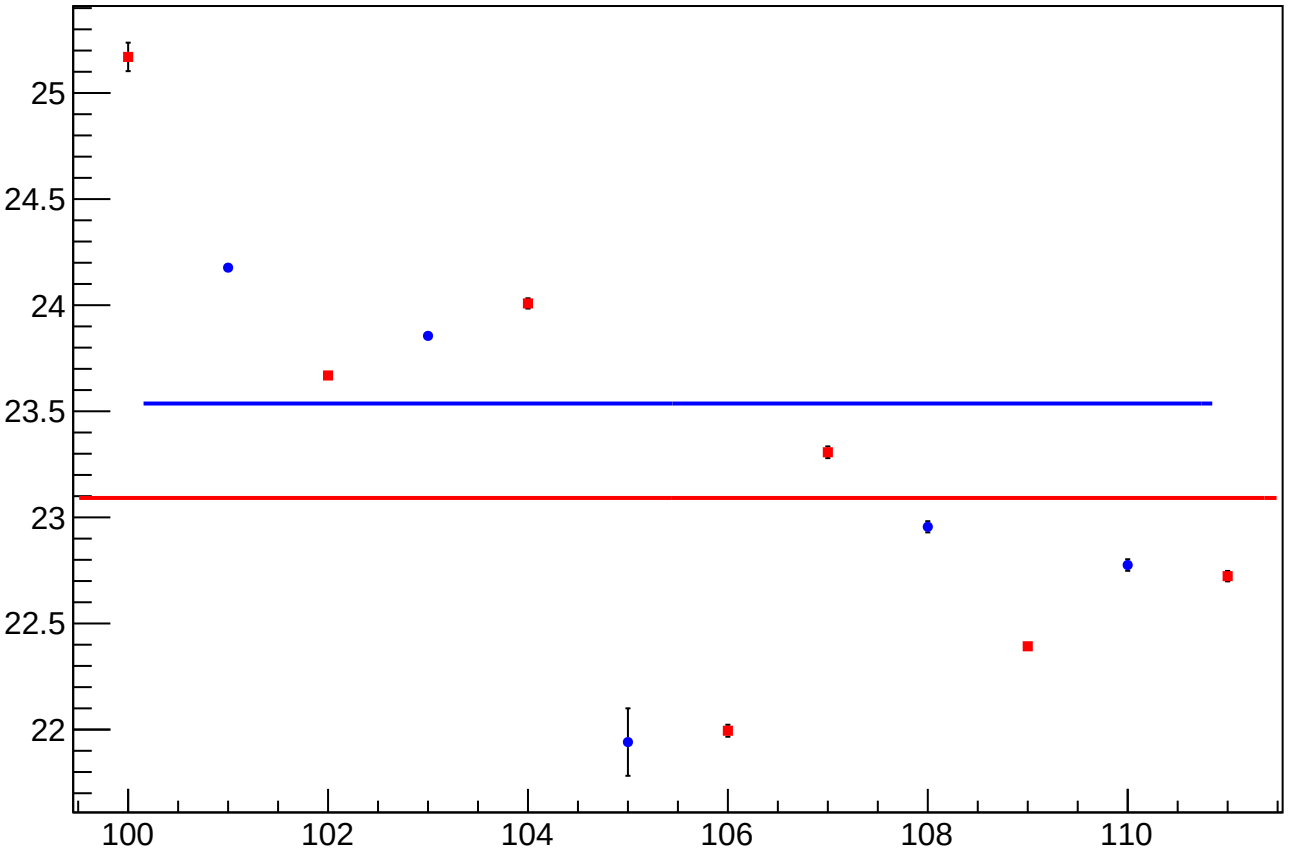
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.972+/-14.011 χ^2/NDF: 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-10.627+/-17.112 χ^2/NDF: 2.0/4

-15.972+/-14.011 χ^2/NDF: 5.0/6



Right In: 23.537+/-0.012 χ^2/NDF: 2395.5/4

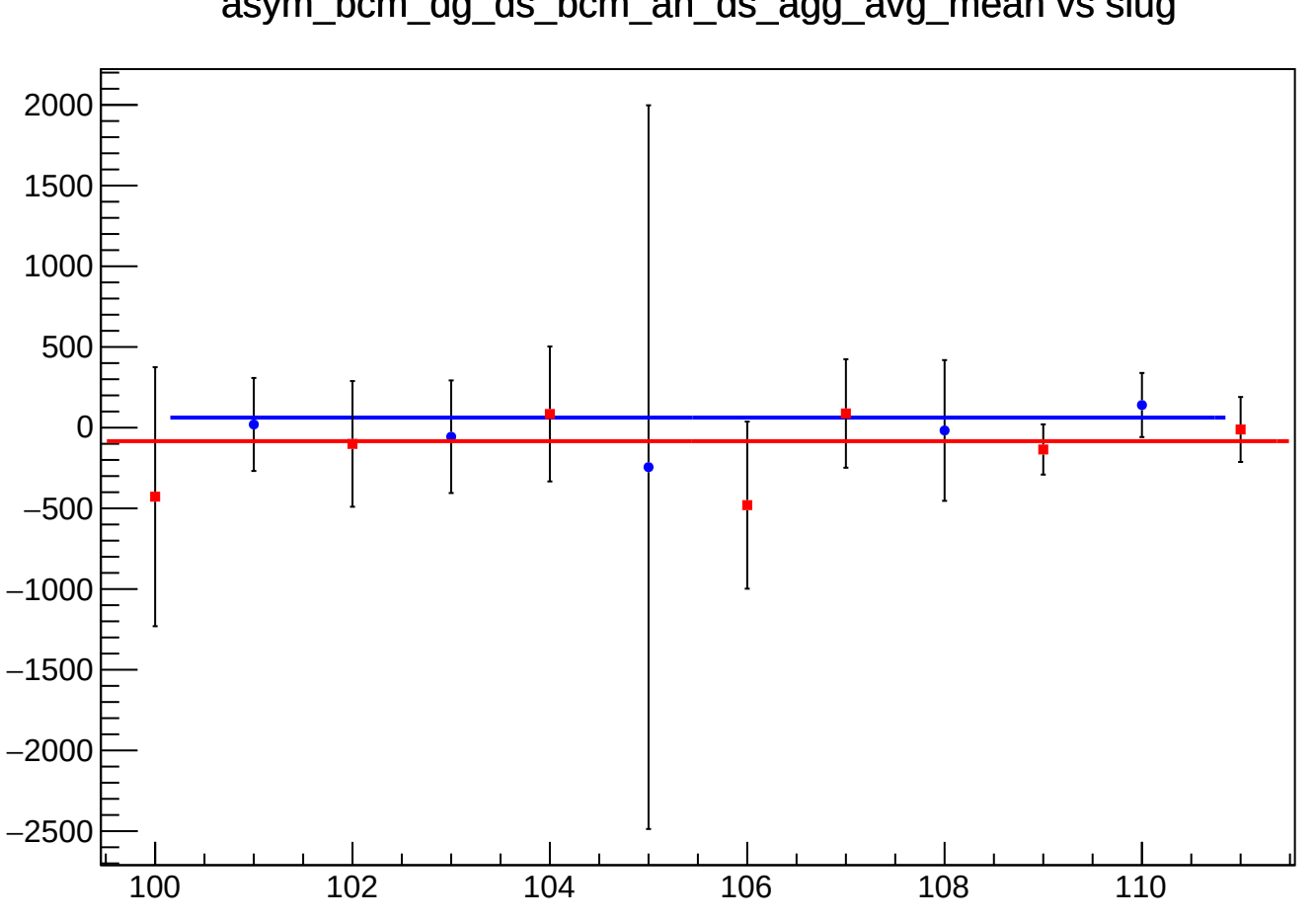
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.092+/-0.010 χ^2/NDF: 5853.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

23.537+/-0.012 χ^2/NDF: 2395.5/4

23.092+/-0.010 χ^2/NDF: 5853.8/6



Right In: 62.472+/-139.950 χ^2/NDF: 0.3/4

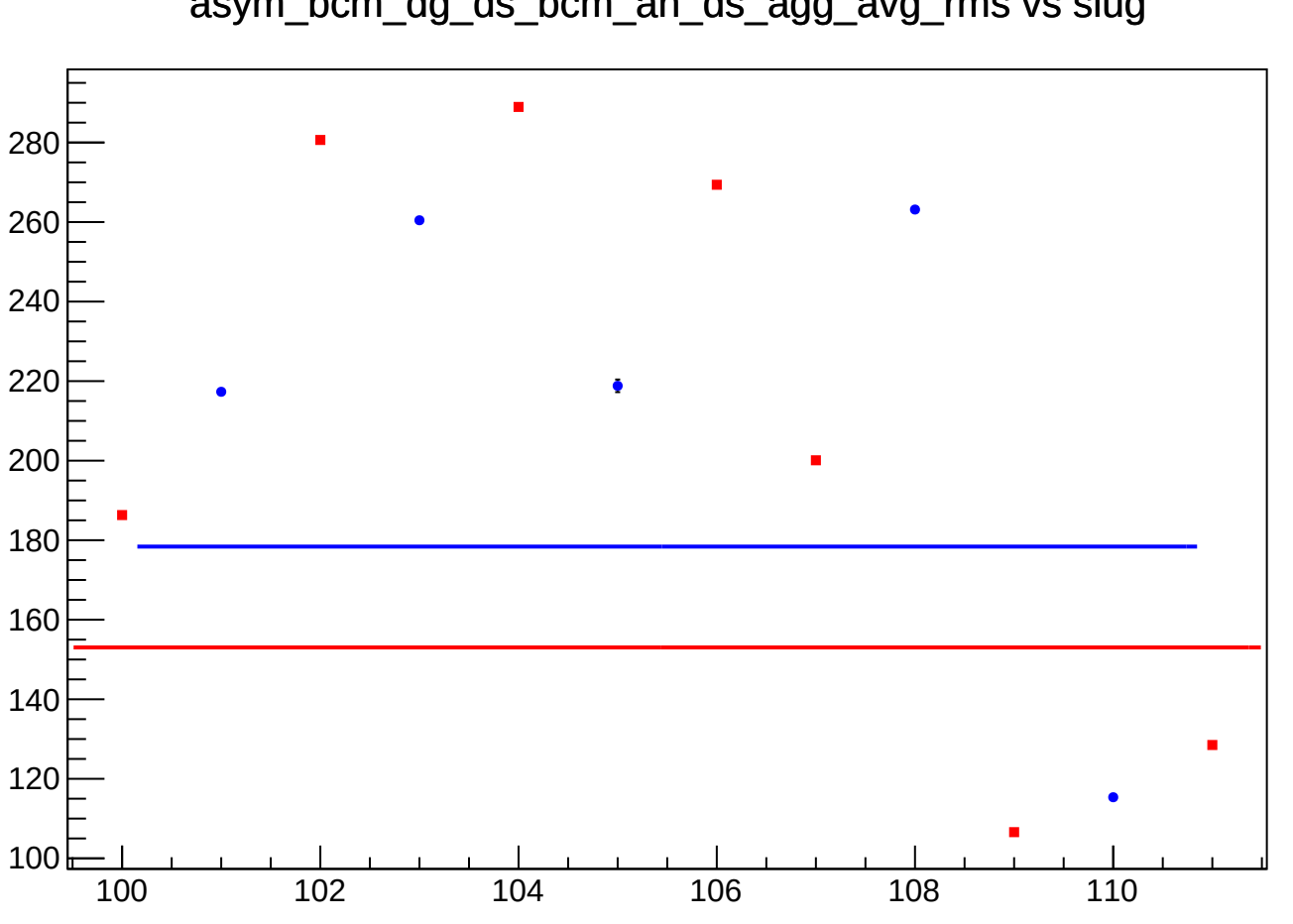
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -83.501+/-104.043 χ^2/NDF: 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

62.472+/-139.950 χ^2/NDF: 0.3/4

-83.501+/-104.043 χ^2/NDF: 1.4/6



Right In: 178.395+/-0.099 χ^2/NDF: 424652.0/4

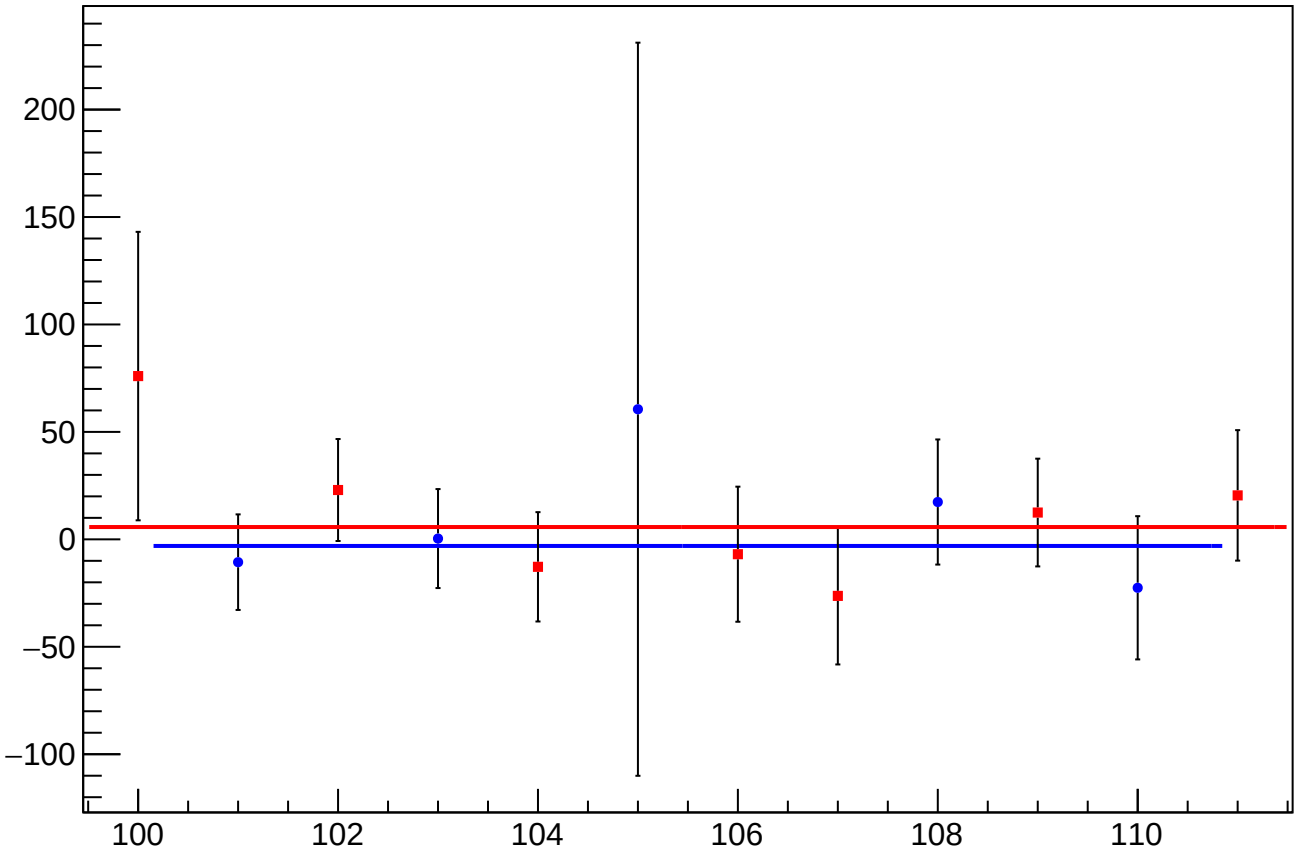
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 153.030+/-0.074 χ^2/NDF: 777637.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

178.395+/-0.099 χ^2/NDF: 424652.0/4

153.030+/-0.074 χ^2/NDF: 777637.0/6



Right In: -3.073+/-12.887 χ^2/NDF: 1.1/4

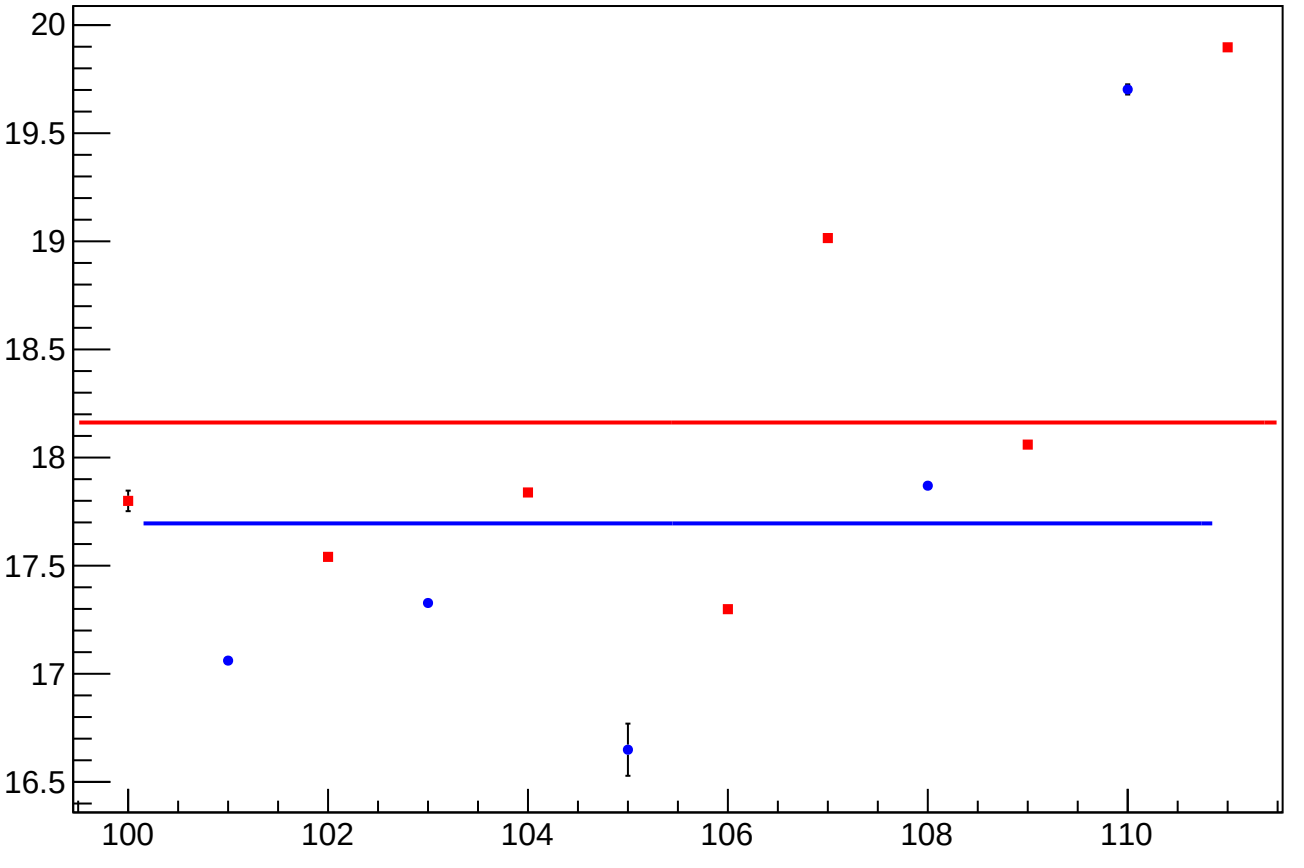
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.729+/-11.034 χ^2/NDF: 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.073+/-12.887 χ^2/NDF: 1.1/4

5.729+/-11.034 χ^2/NDF: 3.6/6



Right In: 17.695+/-0.009 χ^2/NDF: 9538.9/4

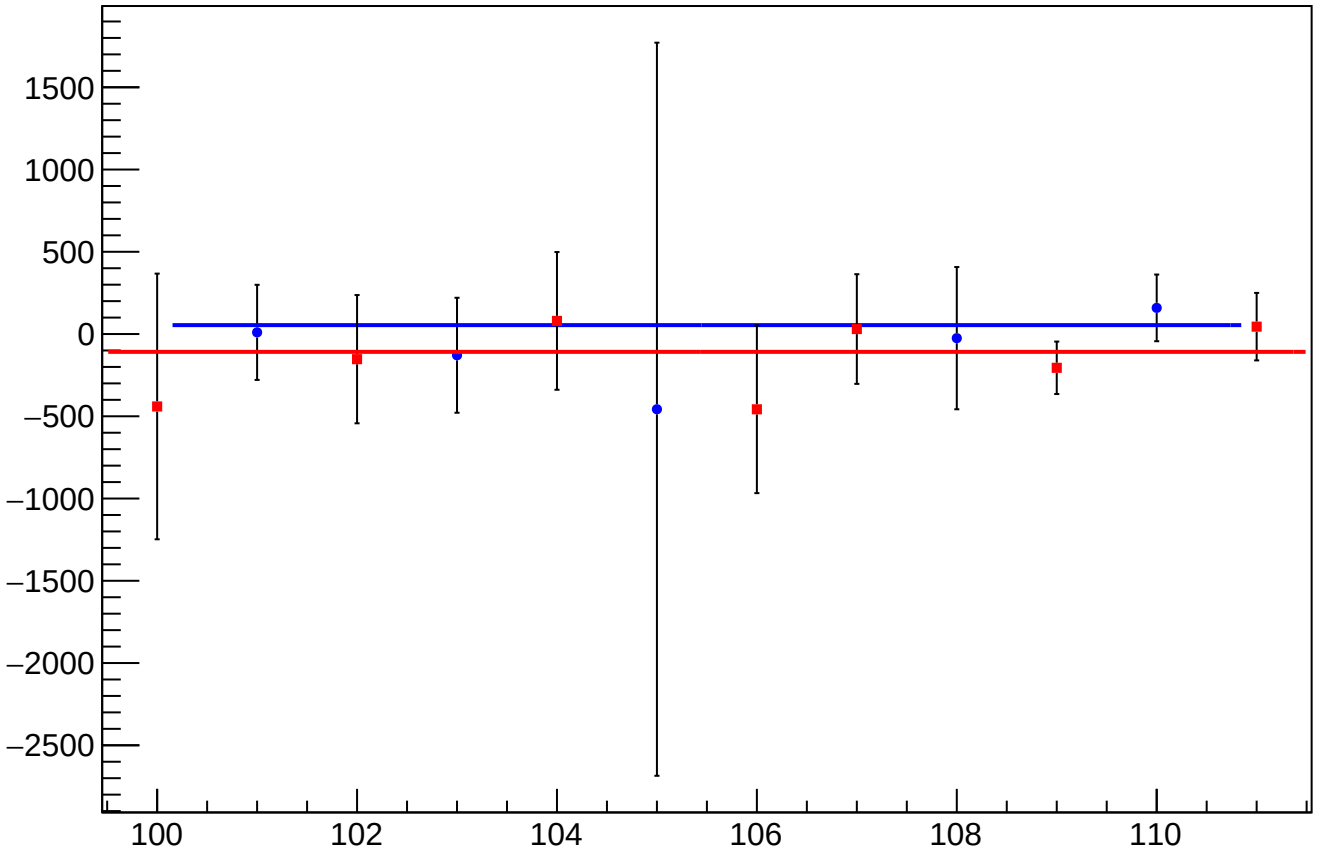
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.162+/-0.008 χ^2/NDF: 11256.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.695+/-0.009 χ^2/NDF: 9538.9/4

18.162+/-0.008 χ^2/NDF: 11256.4/6



Right In: 54.122+/-141.367 χ^2/NDF: 0.7/4

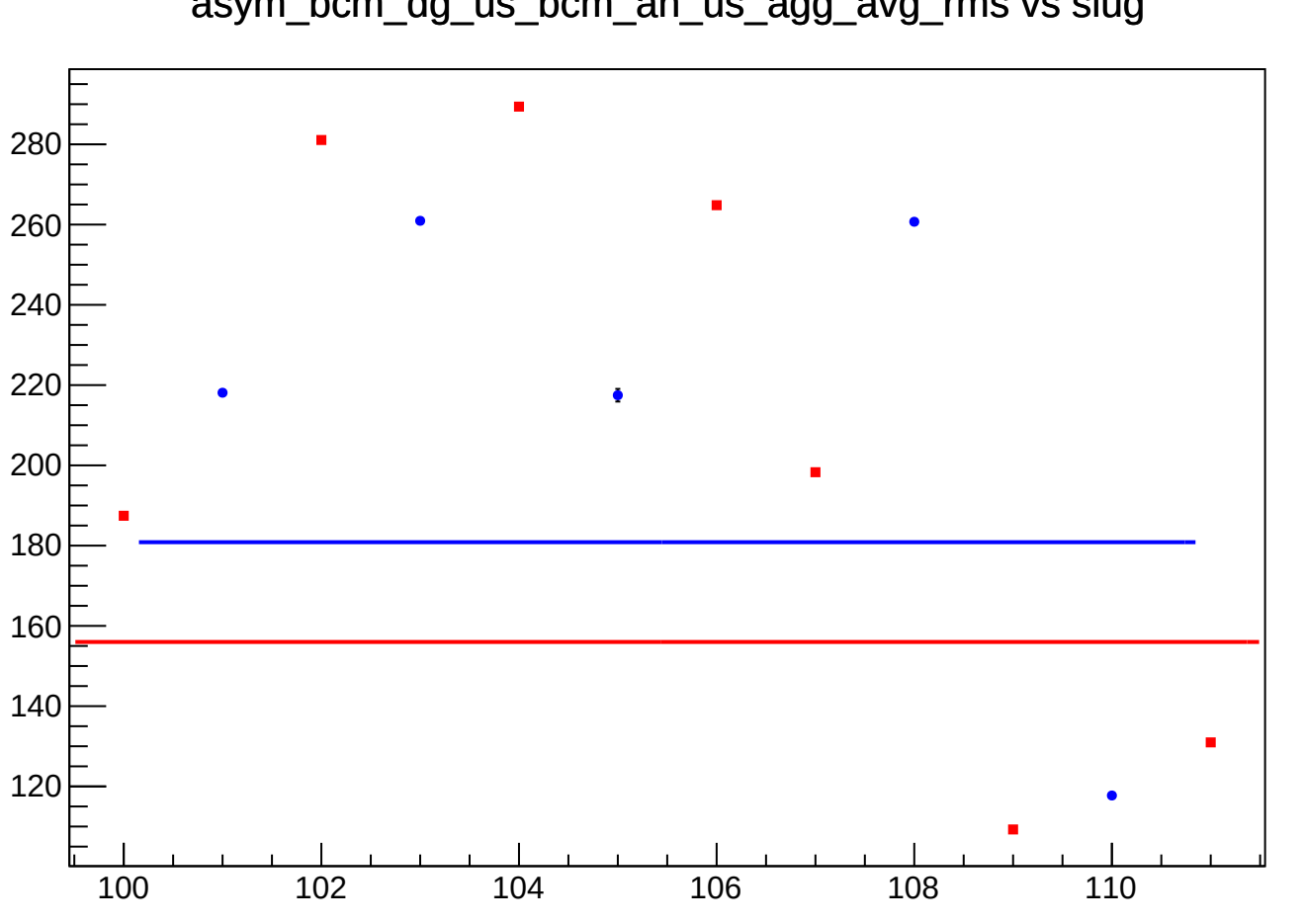
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -108.329+/-105.558 χ^2/NDF: 2.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

54.122+/-141.367 χ^2/NDF: 0.7/4

-108.329+/-105.558 χ^2/NDF: 2.0/6



Right In: 180.854+/-0.100 χ^2/NDF: 400892.4/4

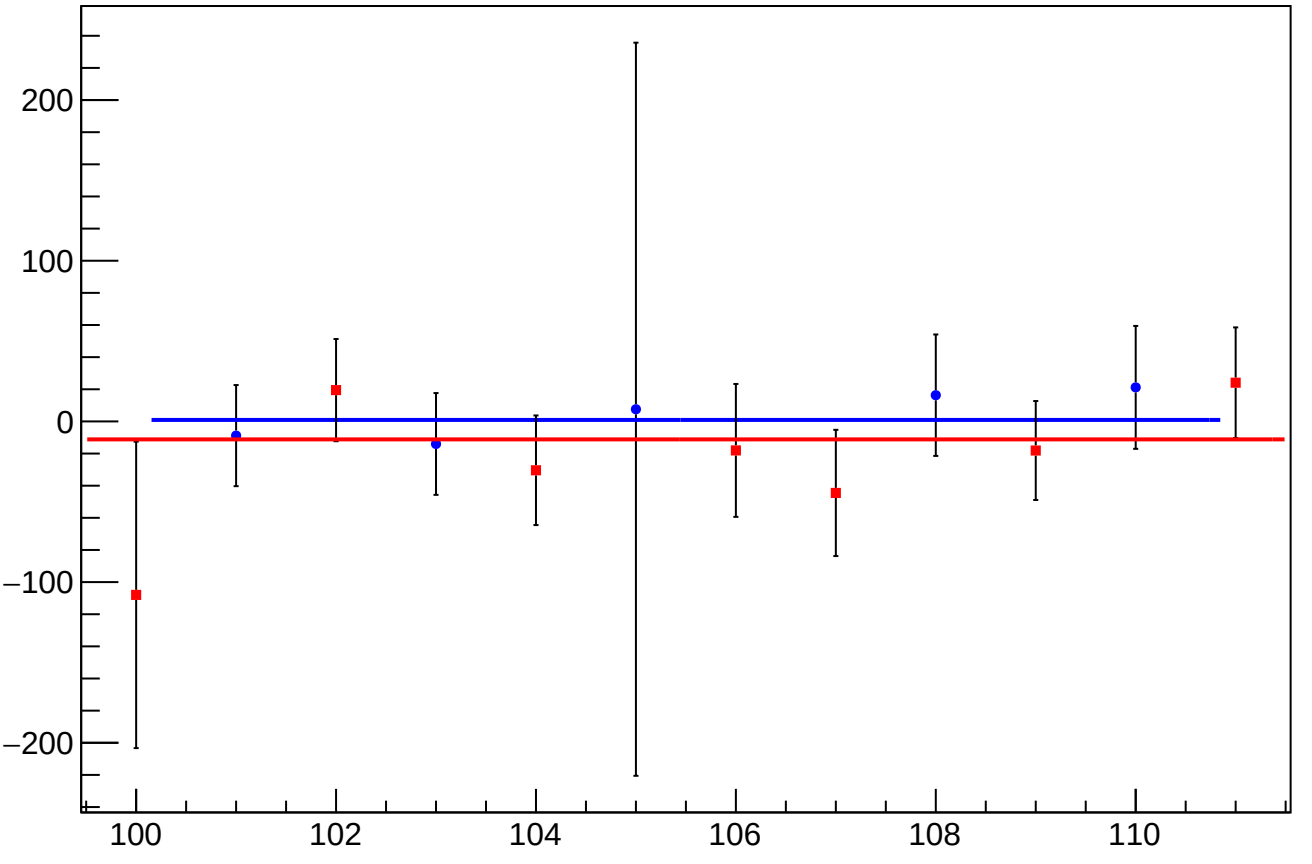
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 155.994+/-0.075 χ^2/NDF: 736871.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

180.854+/-0.100 χ^2/NDF: 400892.4/4

155.994+/-0.075 χ^2/NDF: 736871.9/6



Right In: 0.926+/-17.125 χ^2/NDF: 0.8/4

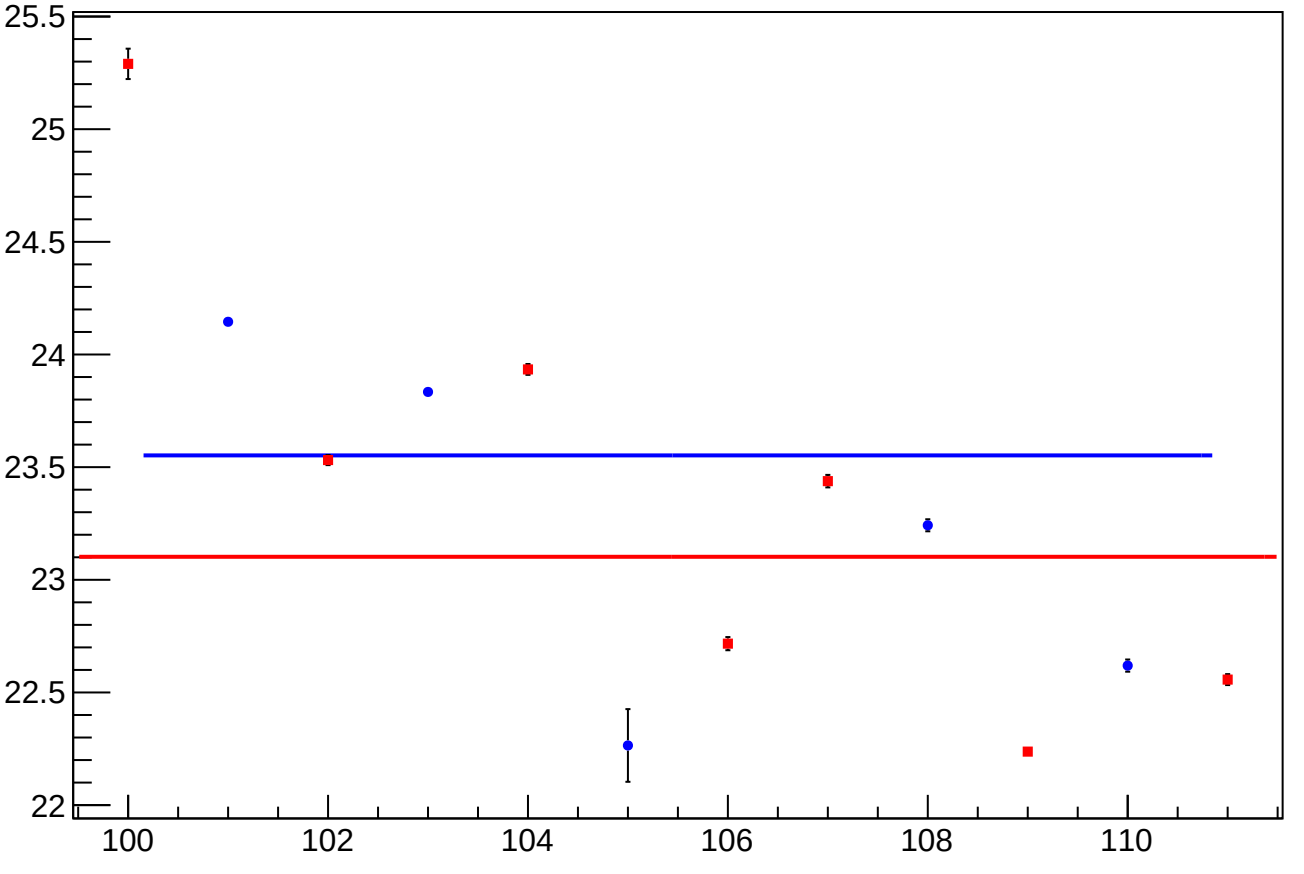
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11.181+/-14.017 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.926+/-17.125 χ^2/NDF: 0.8/4

-11.181+/-14.017 χ^2/NDF: 4.1/6



Right In: 23.552+/-0.012 χ^2/NDF: 2257.2/4

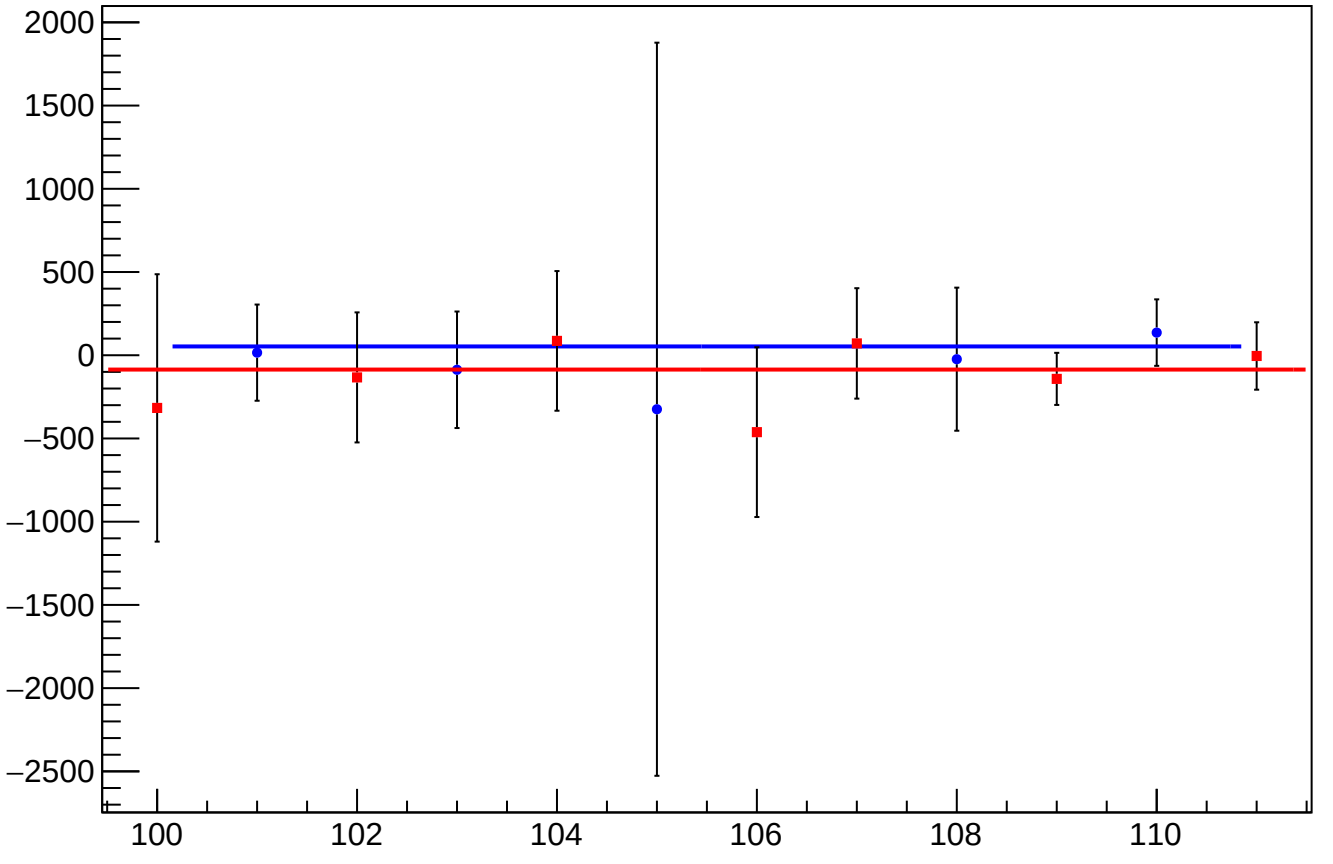
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.102+/-0.010 χ^2/NDF: 5004.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

23.552+/-0.012 χ^2/NDF: 2257.2/4

23.102+/-0.010 χ^2/NDF: 5004.6/6



Right In: 52.886+/-140.266 χ^2/NDF: 0.4/4

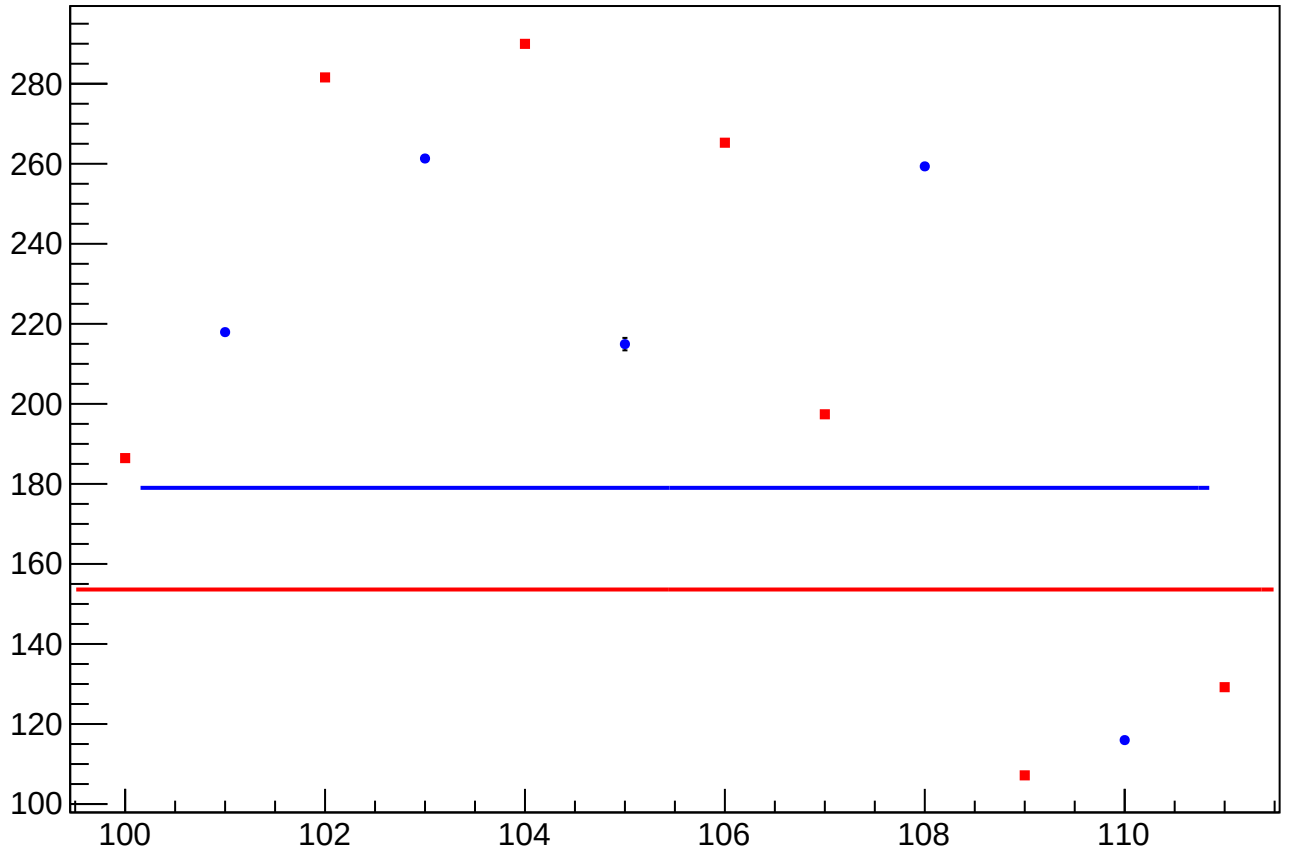
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -86.077+/-104.289 χ^2/NDF: 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

52.886+/-140.266 χ^2/NDF: 0.4/4

-86.077+/-104.289 χ^2/NDF: 1.3/6



Right In: 179.017+/-0.099 χ^2/NDF: 416480.9/4

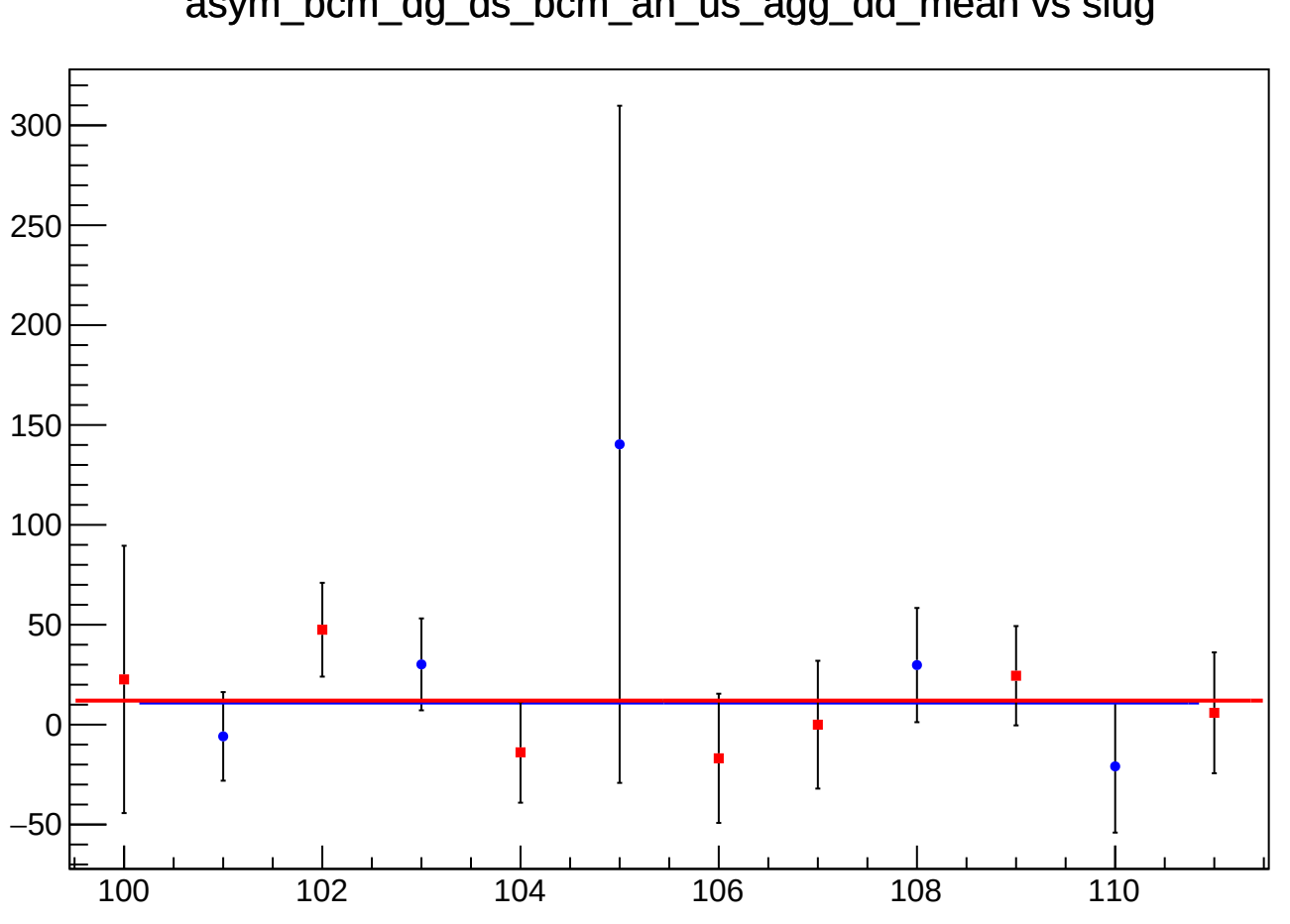
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

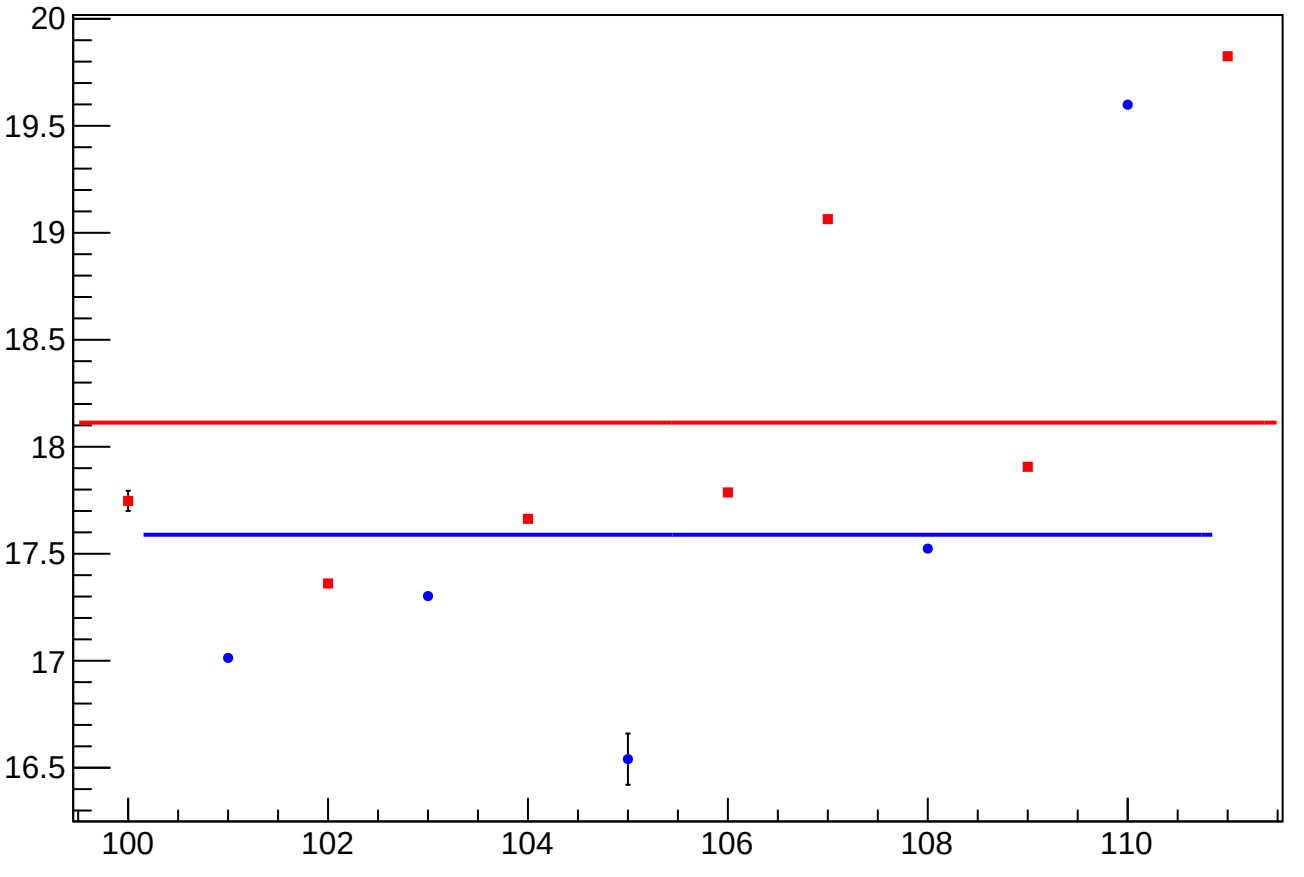
Right Out: 153.611+/-0.074 χ^2/NDF: 765202.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

179.017+/-0.099 χ^2/NDF: 416480.9/4

153.611+/-0.074 χ^2/NDF: 765202.8/6


asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug
300
250
200
150
100
50
0
−50
100
102
104
106
108
110
Right In: 11.062+/-12.811 χ²/NDF: 3.2/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 12.032+/-11.004 χ²/NDF: 4.6/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
11.062+/-12.811 χ²/NDF: 3.2/4
12.032+/-11.004 χ²/NDF: 4.6/6



Right In: 17.589+/-0.009 χ^2/NDF: 9100.2/4

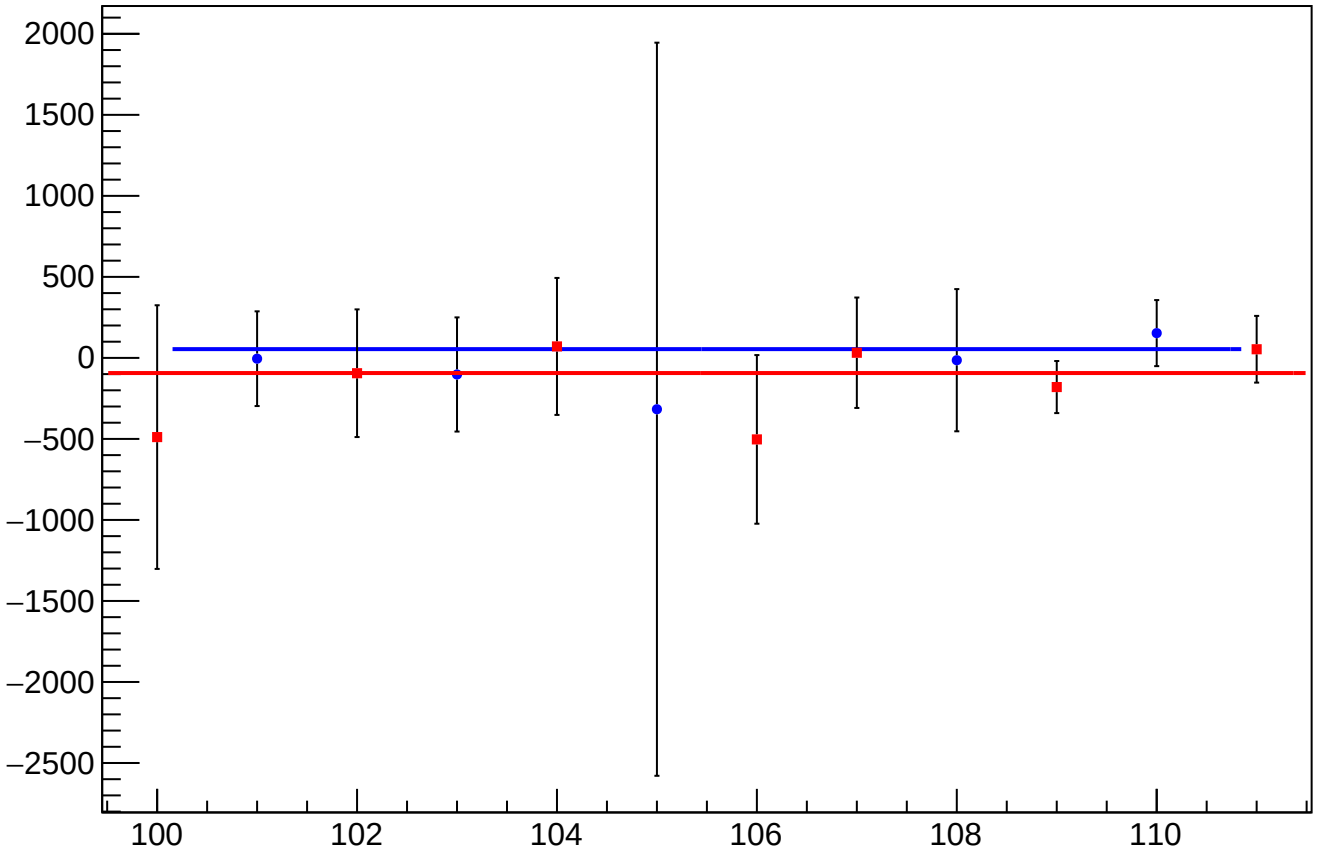
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.113+/-0.008 χ^2/NDF: 11264.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.589+/-0.009 χ^2/NDF: 9100.2/4

18.113+/-0.008 χ^2/NDF: 11264.3/6



Right In: 54.147+/-142.534 χ^2/NDF: 0.5/4

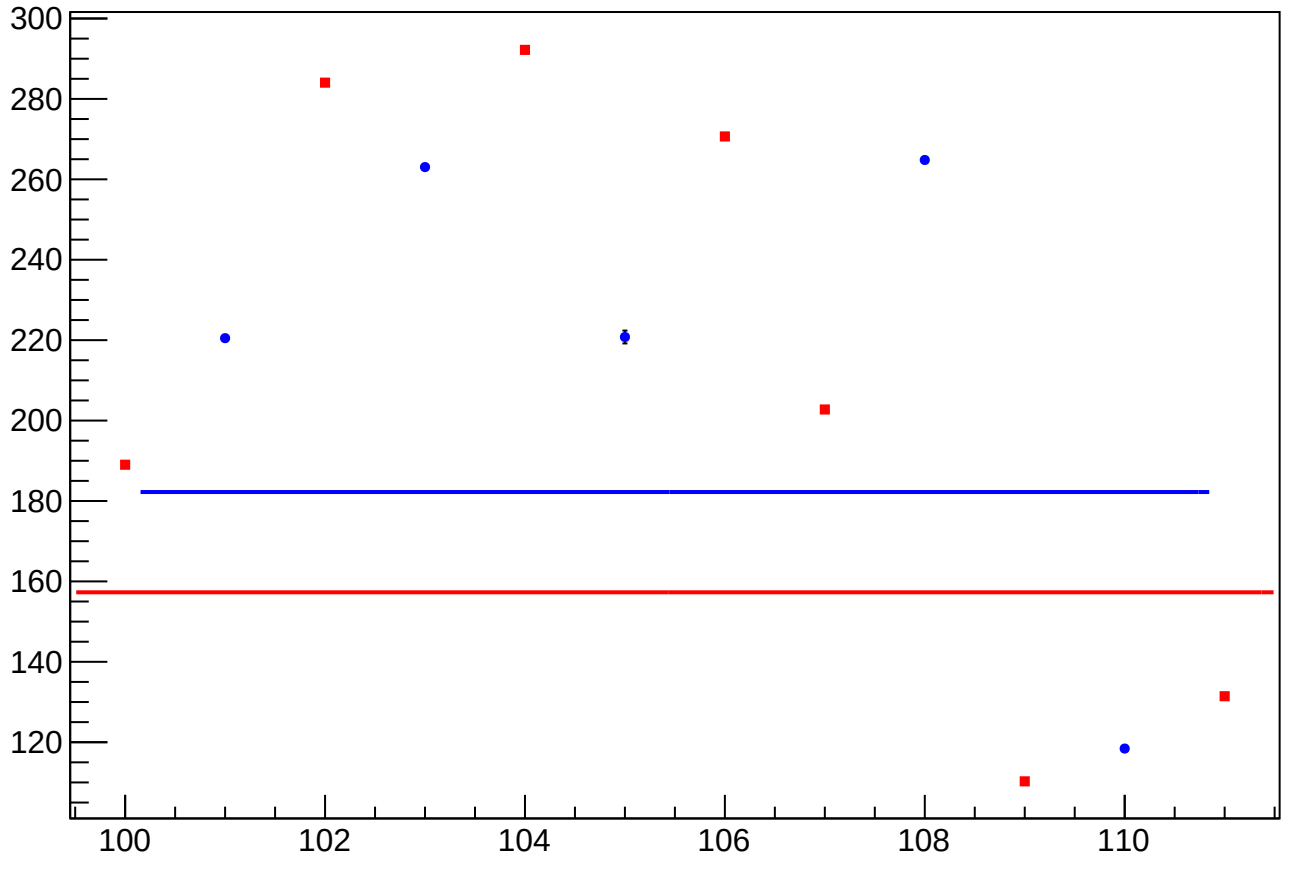
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -93.473+/-106.501 χ^2/NDF: 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

54.147+/-142.534 χ^2/NDF: 0.5/4

-93.473+/-106.501 χ^2/NDF: 1.9/6



Right In: 182.228+/-0.101 χ^2/NDF: 406925.0/4

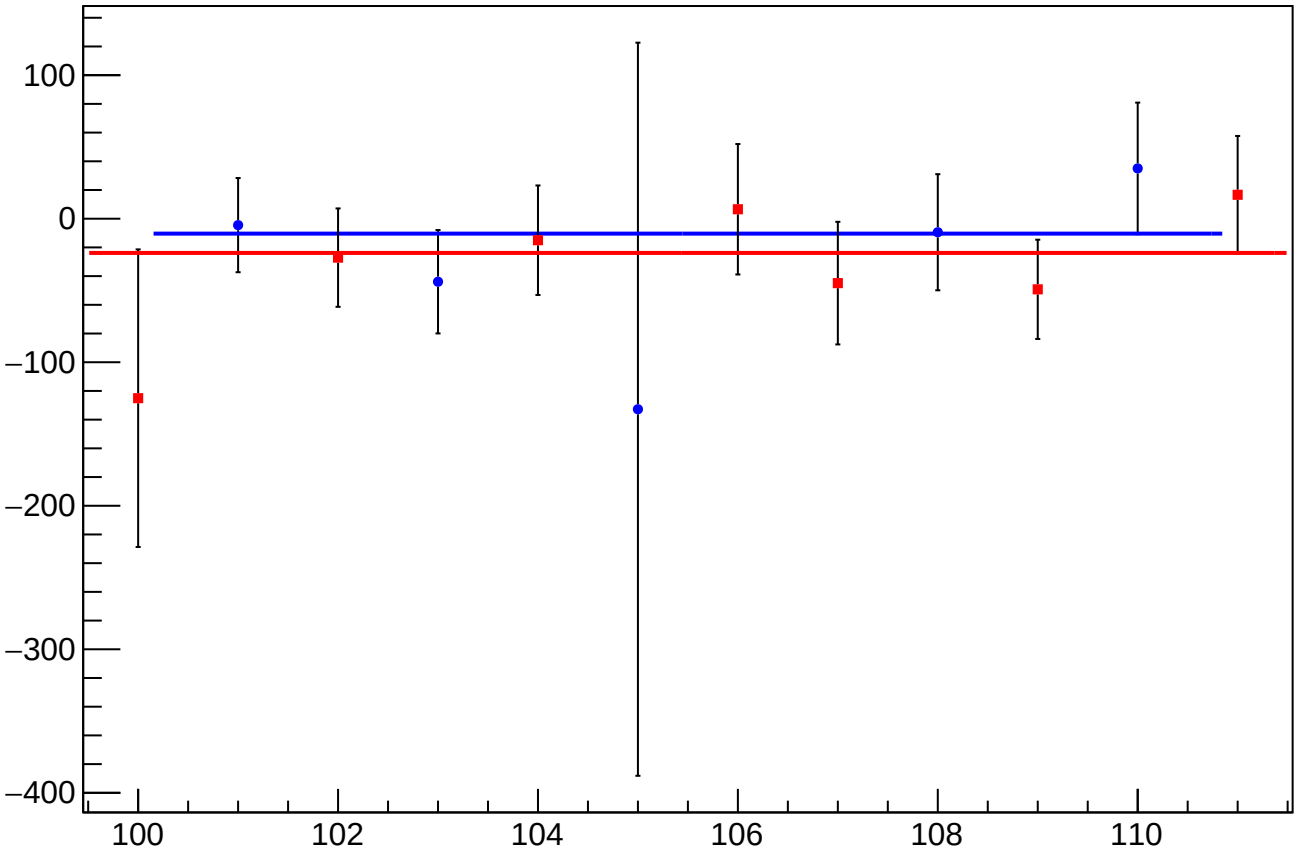
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 157.289+/-0.075 χ^2/NDF: 747046.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

182.228+/-0.101 χ^2/NDF: 406925.0/4

157.289+/-0.075 χ^2/NDF: 747046.1/6



Right In: -10.390+/-18.891 χ^2/NDF: 2.1/4

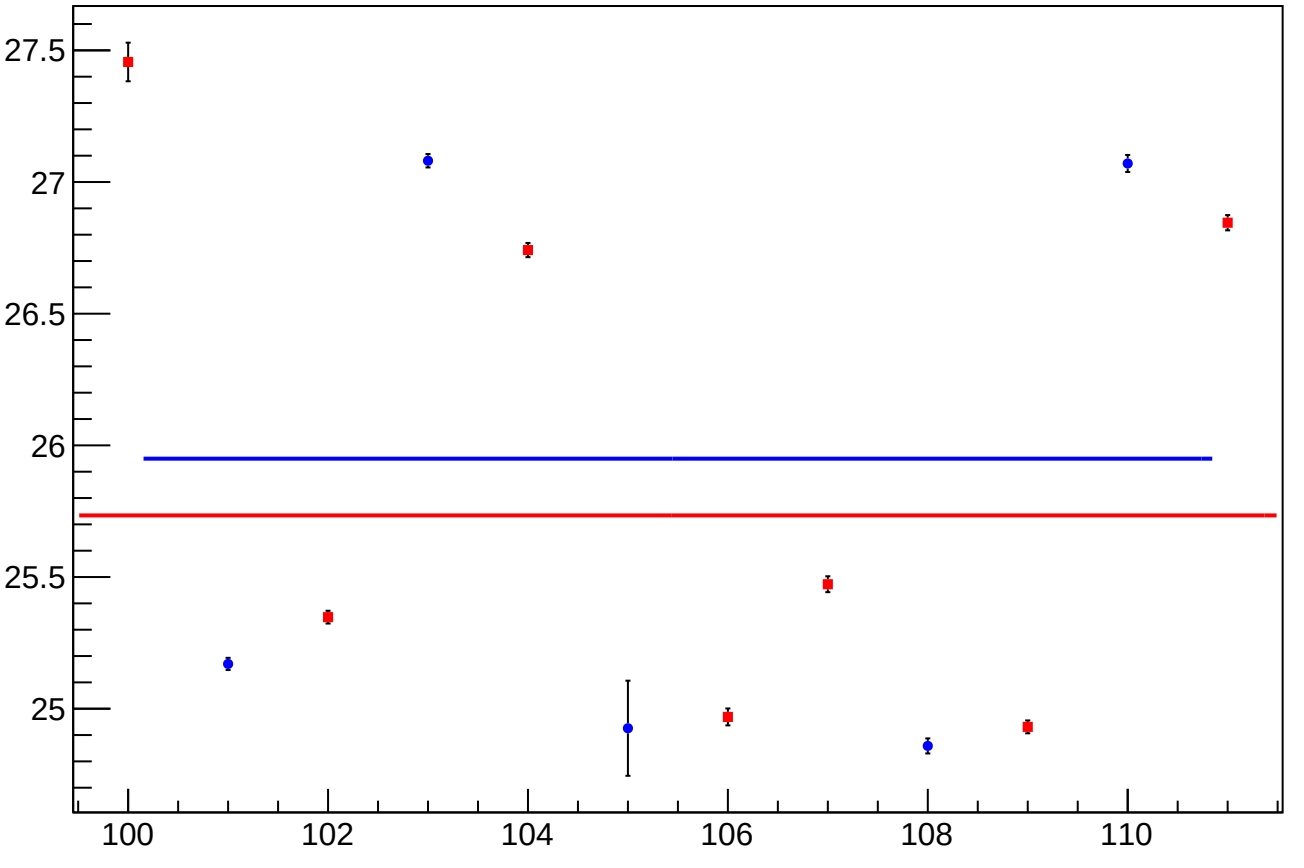
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -23.848+/-15.628 χ^2/NDF: 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-10.390+/-18.891 χ^2/NDF: 2.1/4

-23.848+/-15.628 χ^2/NDF: 3.2/6



Right In: 25.950+/-0.013 χ^2/NDF: 5784.8/4

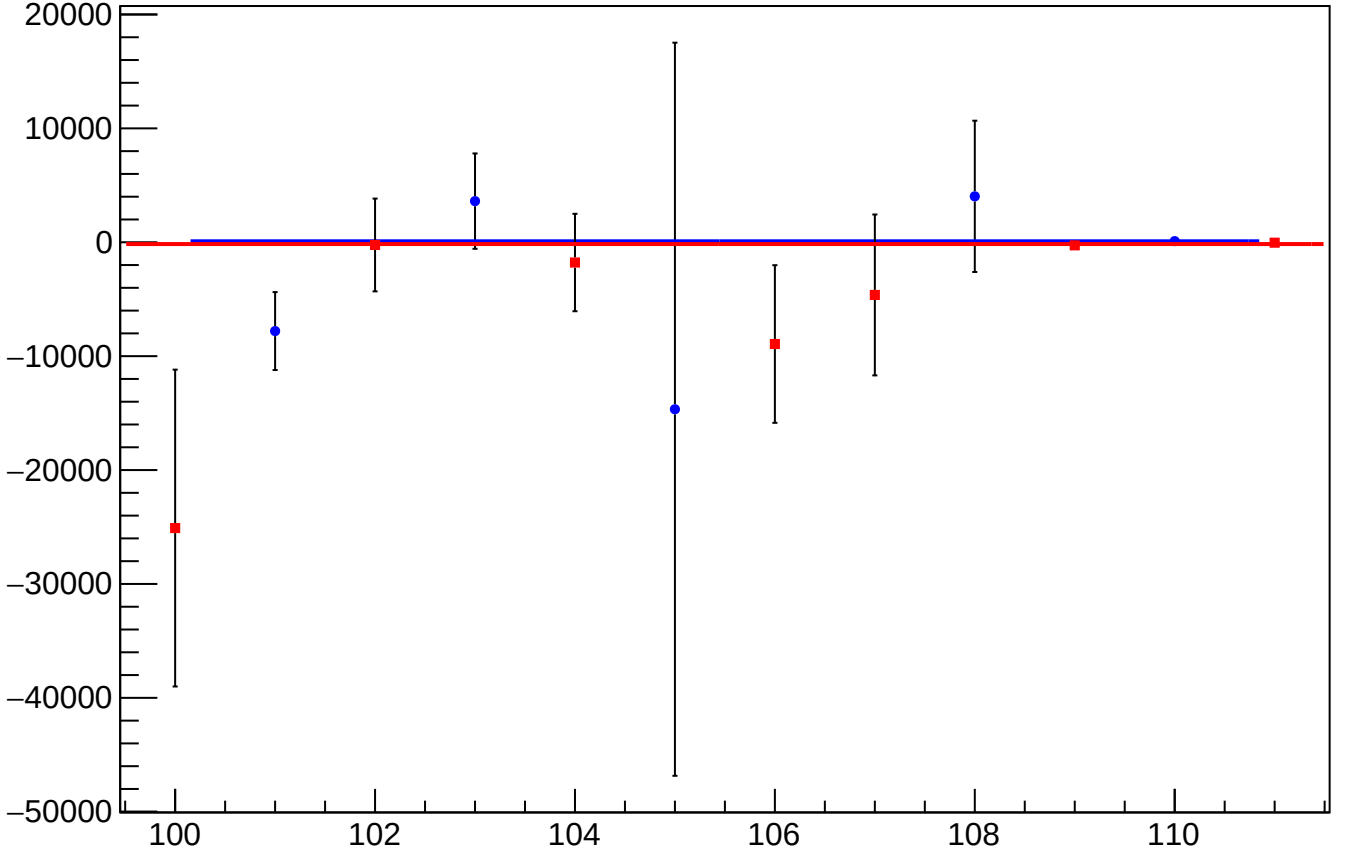
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 25.734+/-0.011 χ^2/NDF: 5391.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

25.950+/-0.013 χ^2/NDF: 5784.8/4

25.734+/-0.011 χ^2/NDF: 5391.4/6



Right In: 84.362+/-199.992 χ^2/NDF: 6.6/4

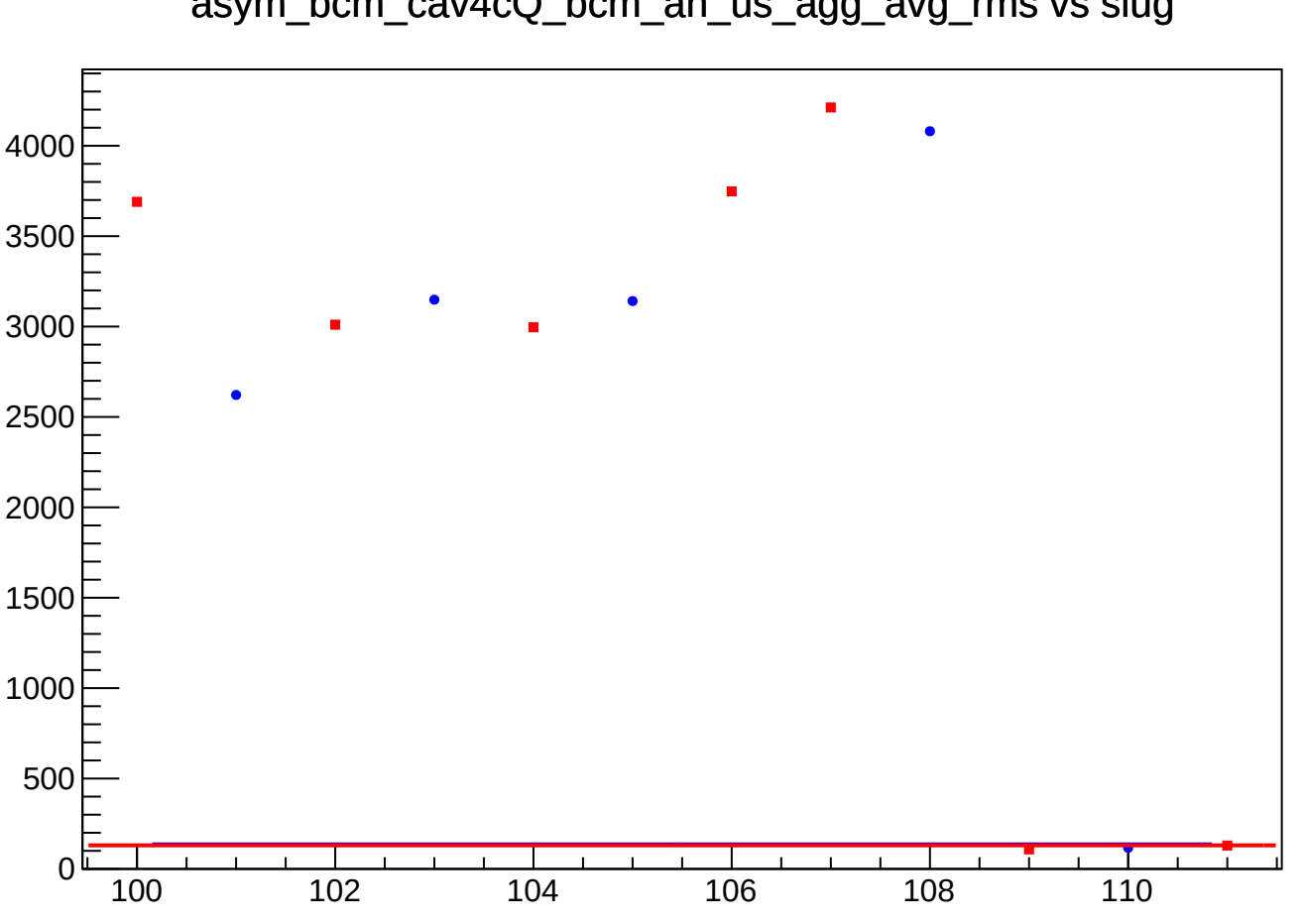
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -157.801+/-147.383 χ^2/NDF: 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

84.362+/-199.992 χ^2/NDF: 6.6/4

-157.801+/-147.383 χ^2/NDF: 6.0/6



Right In: 135.754+/-0.141 χ^2/NDF: 2833899.9/4

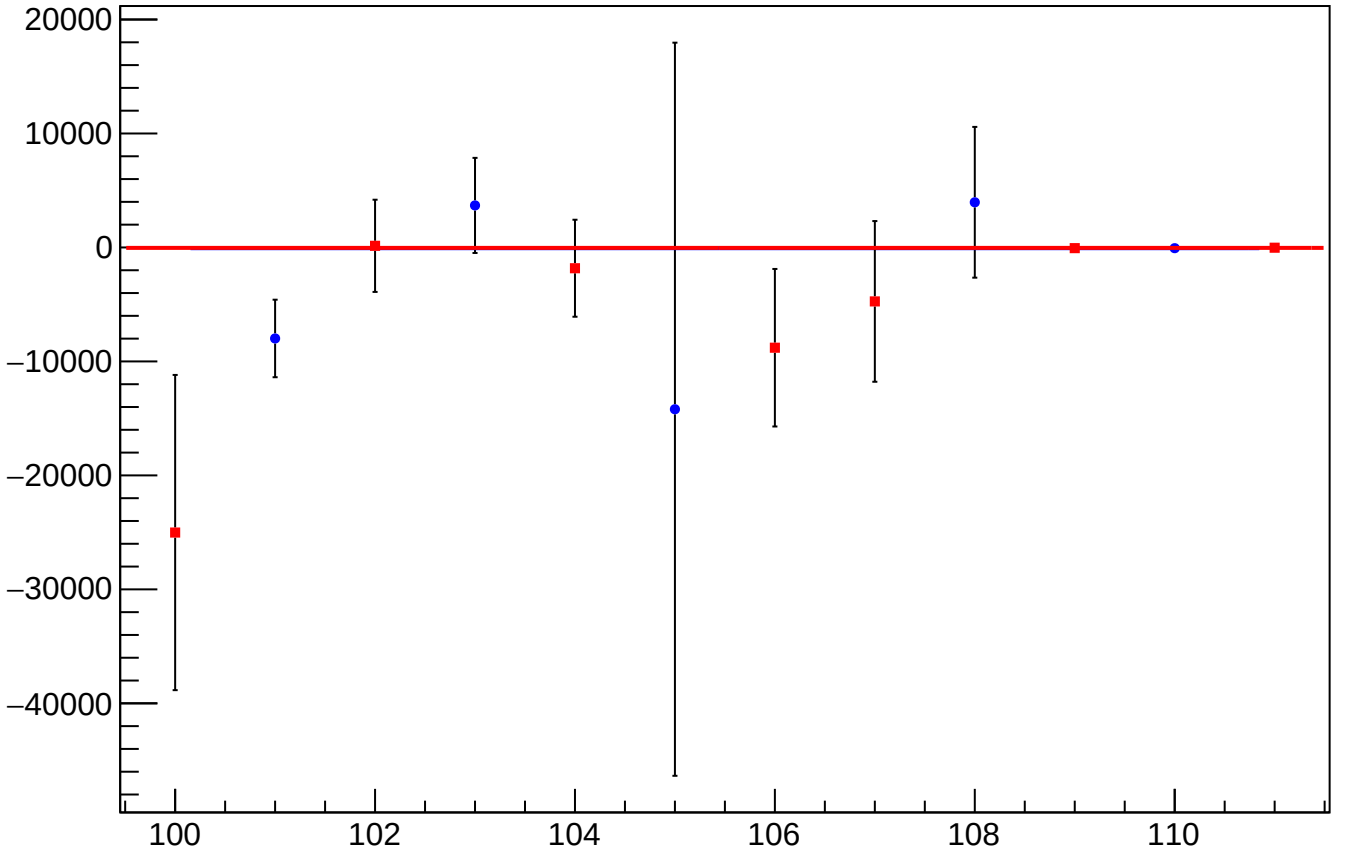
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 130.387+/-0.104 χ^2/NDF: 3264963.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

135.754+/-0.141 χ^2/NDF: 2833899.9/4

130.387+/-0.104 χ^2/NDF: 3264963.5/6



Right In: -64.626+/-45.132 χ^2/NDF: 6.8/4

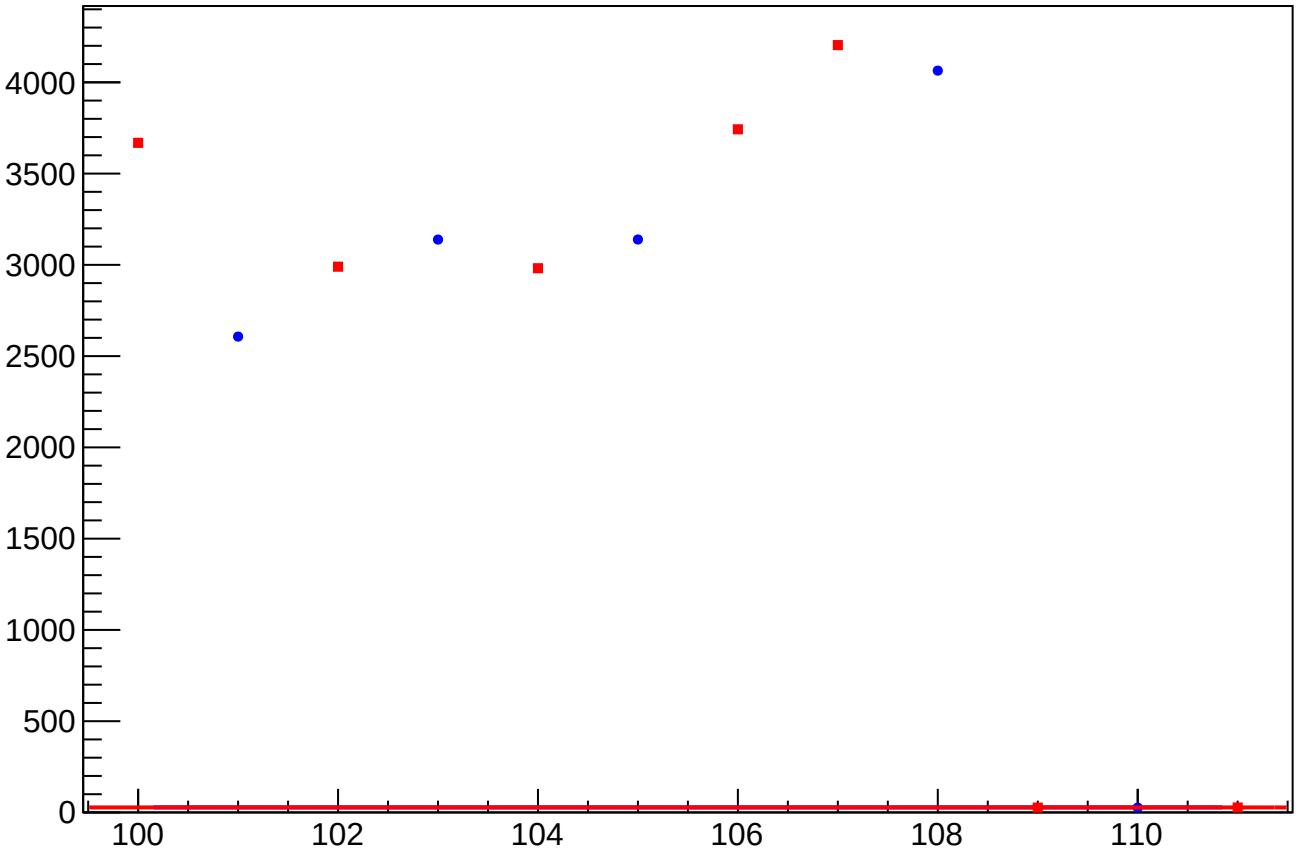
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -38.001+/-32.455 χ^2/NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-64.626+/-45.132 χ^2/NDF: 6.8/4

-38.001+/-32.455 χ^2/NDF: 5.8/6



Right In: 27.683+/-0.032 χ^2/NDF: 3026478.5/4

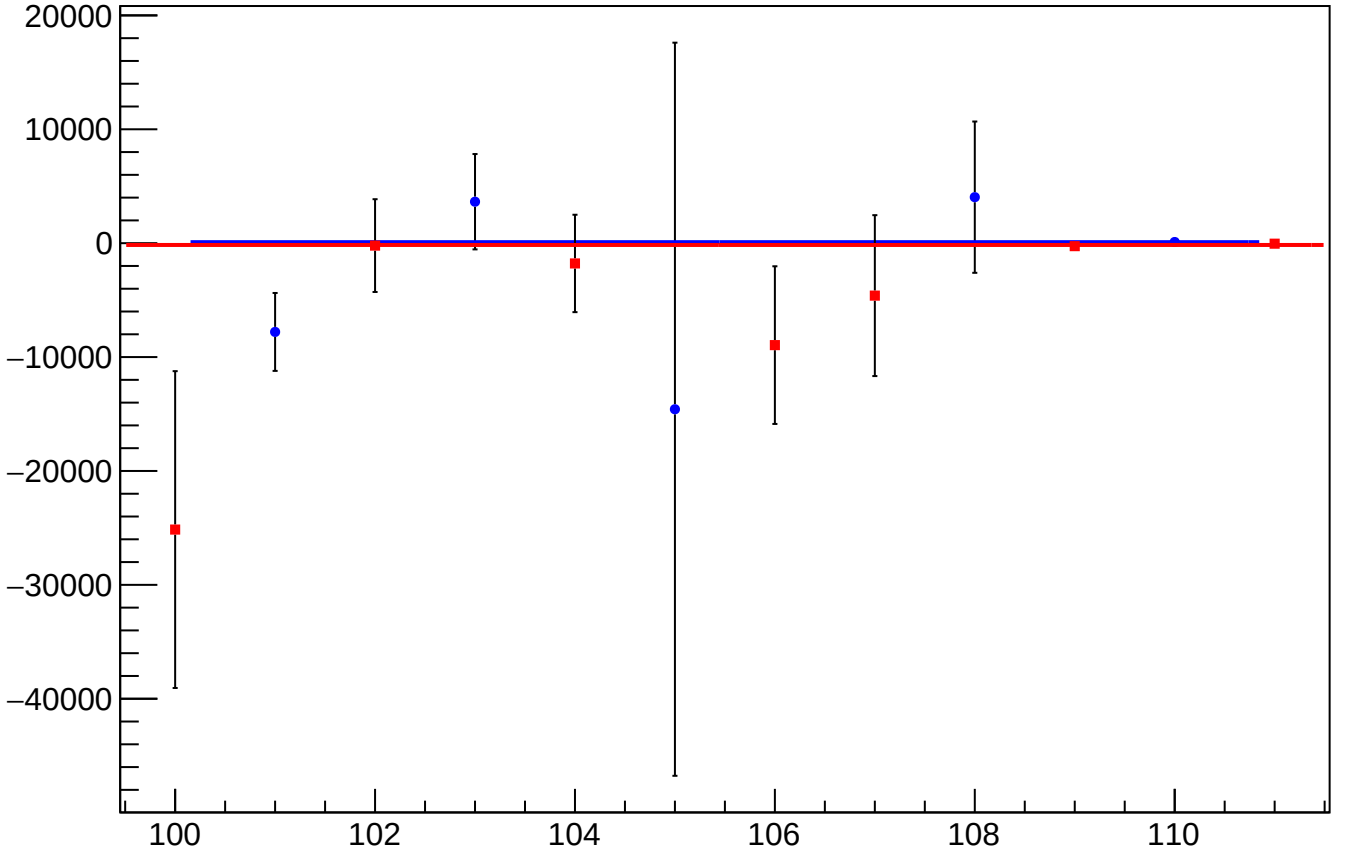
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 27.521+/-0.023 χ^2/NDF: 3455698.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

27.683+/-0.032 χ^2/NDF: 3026478.5/4

27.521+/-0.023 χ^2/NDF: 3455698.6/6



Right In: 88.398+/-198.946 χ^2/NDF: 6.6/4

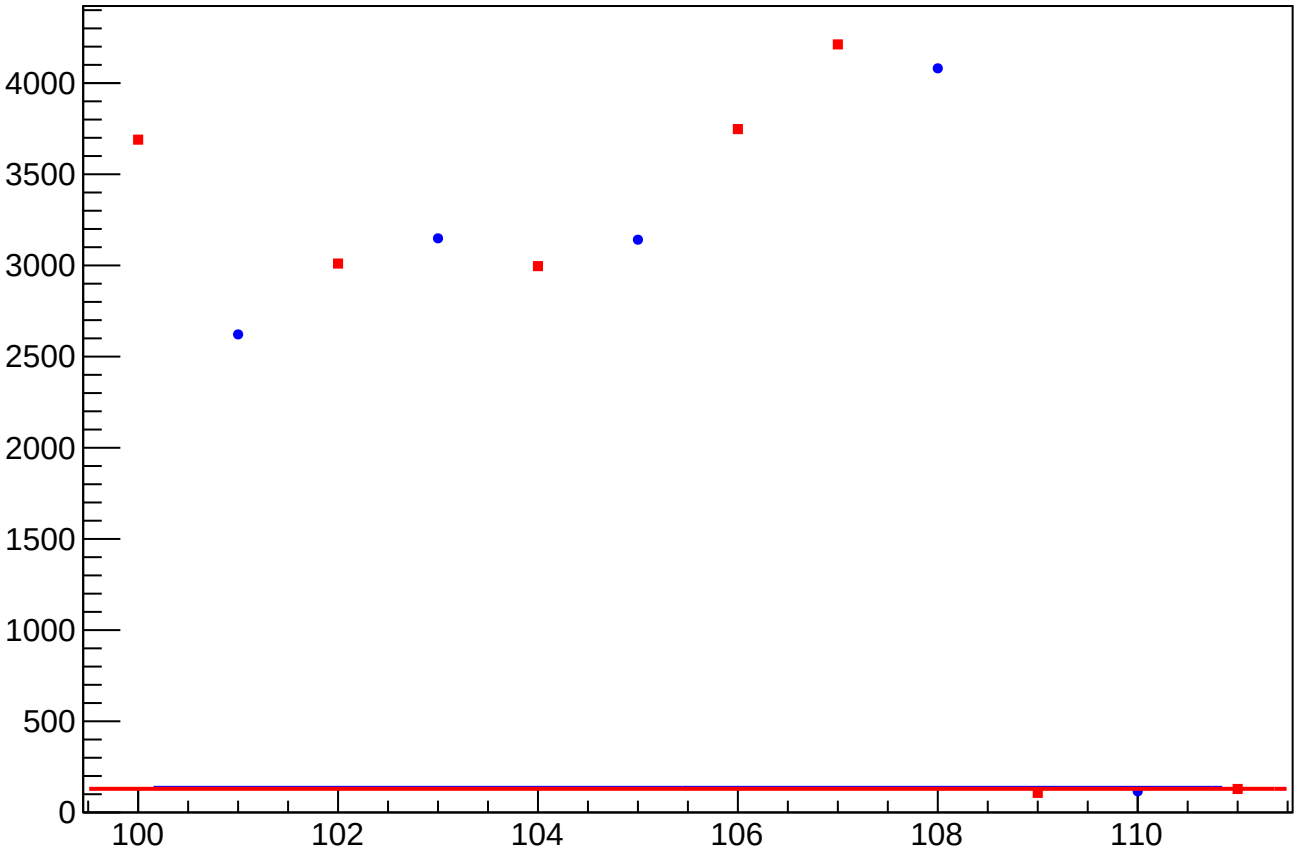
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -156.641+/-146.584 χ^2/NDF: 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

88.398+/-198.946 χ^2/NDF: 6.6/4

-156.641+/-146.584 χ^2/NDF: 5.9/6



Right In: 134.944+/-0.141 χ^2/NDF: 2835271.2/4

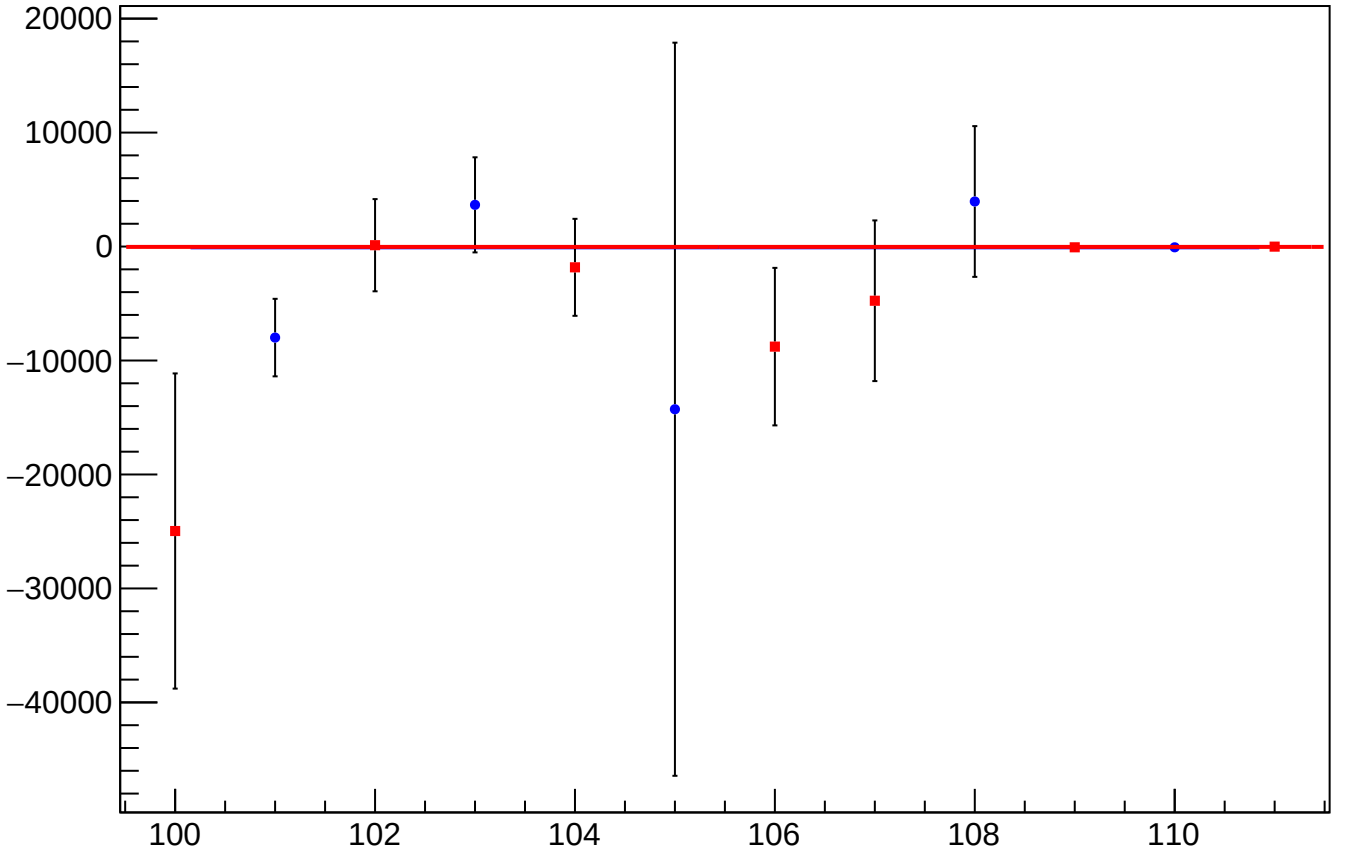
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 129.607+/-0.104 χ^2/NDF: 3266479.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

134.944+/-0.141 χ^2/NDF: 2835271.2/4

129.607+/-0.104 χ^2/NDF: 3266479.0/6



Right In: -67.343+/-45.256 χ^2/NDF: 6.8/4

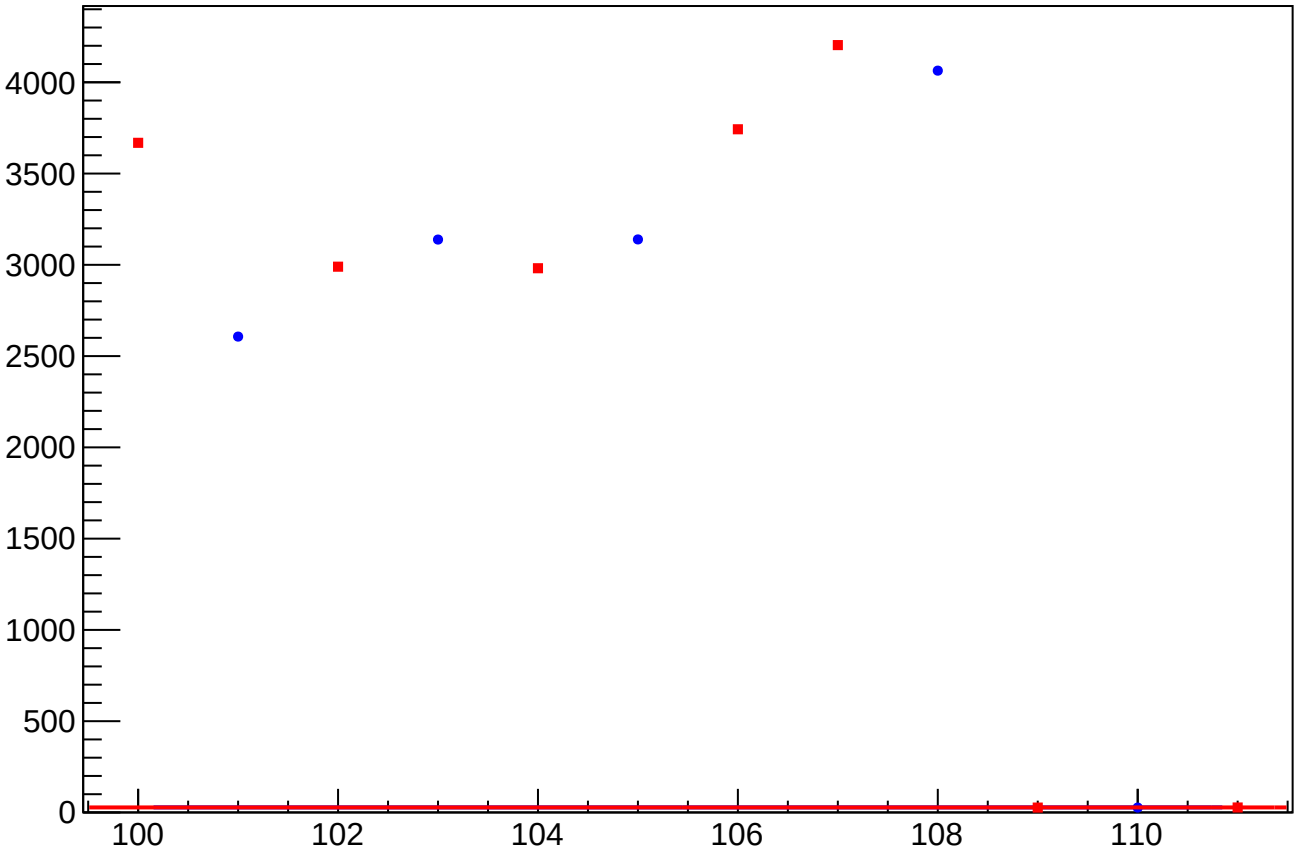
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.117+/-32.462 χ^2/NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-67.343+/-45.256 χ^2/NDF: 6.8/4

-31.117+/-32.462 χ^2/NDF: 6.3/6



Right In: 27.761+/-0.032 χ^2/NDF: 3026325.1/4

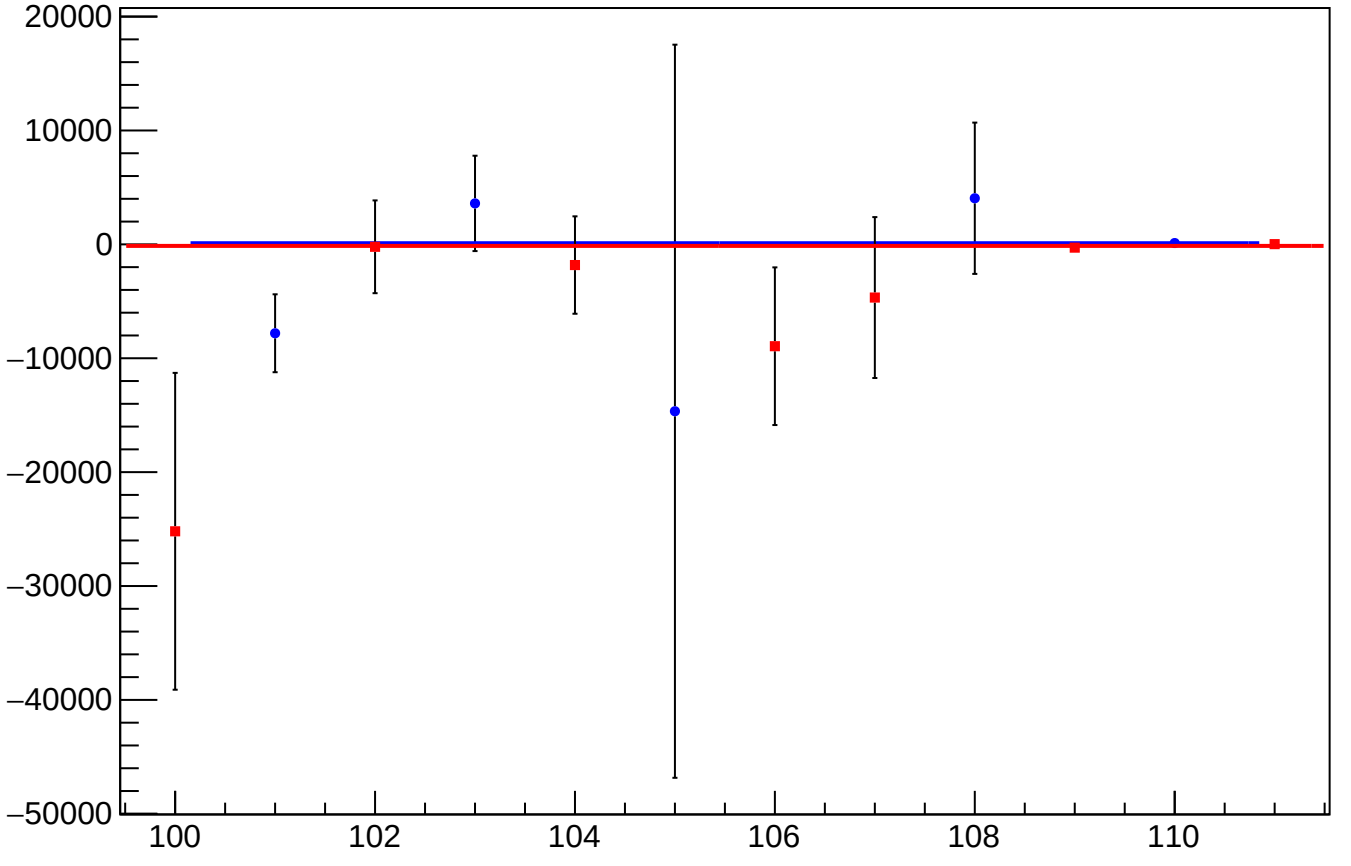
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 27.526+/-0.023 χ^2/NDF: 3455694.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

27.761+/-0.032 χ^2/NDF: 3026325.1/4

27.526+/-0.023 χ^2/NDF: 3455694.7/6



Right In: 100.338+/-203.739 χ^2/NDF: 6.6/4

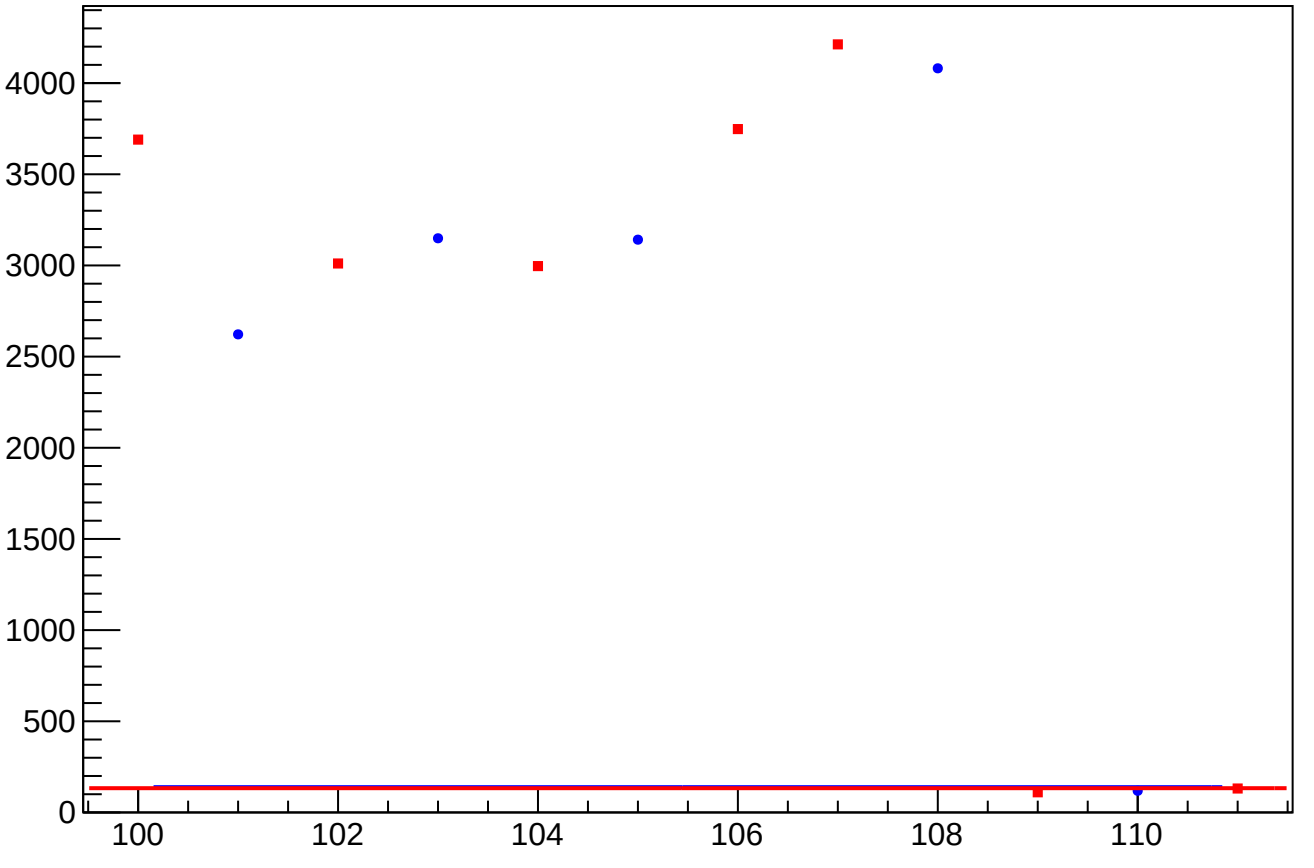
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -134.781+/-150.009 χ^2/NDF: 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

100.338+/-203.739 χ^2/NDF: 6.6/4

-134.781+/-150.009 χ^2/NDF: 6.5/6



Right In: 138.718+/-0.144 χ^2/NDF: 2828932.6/4

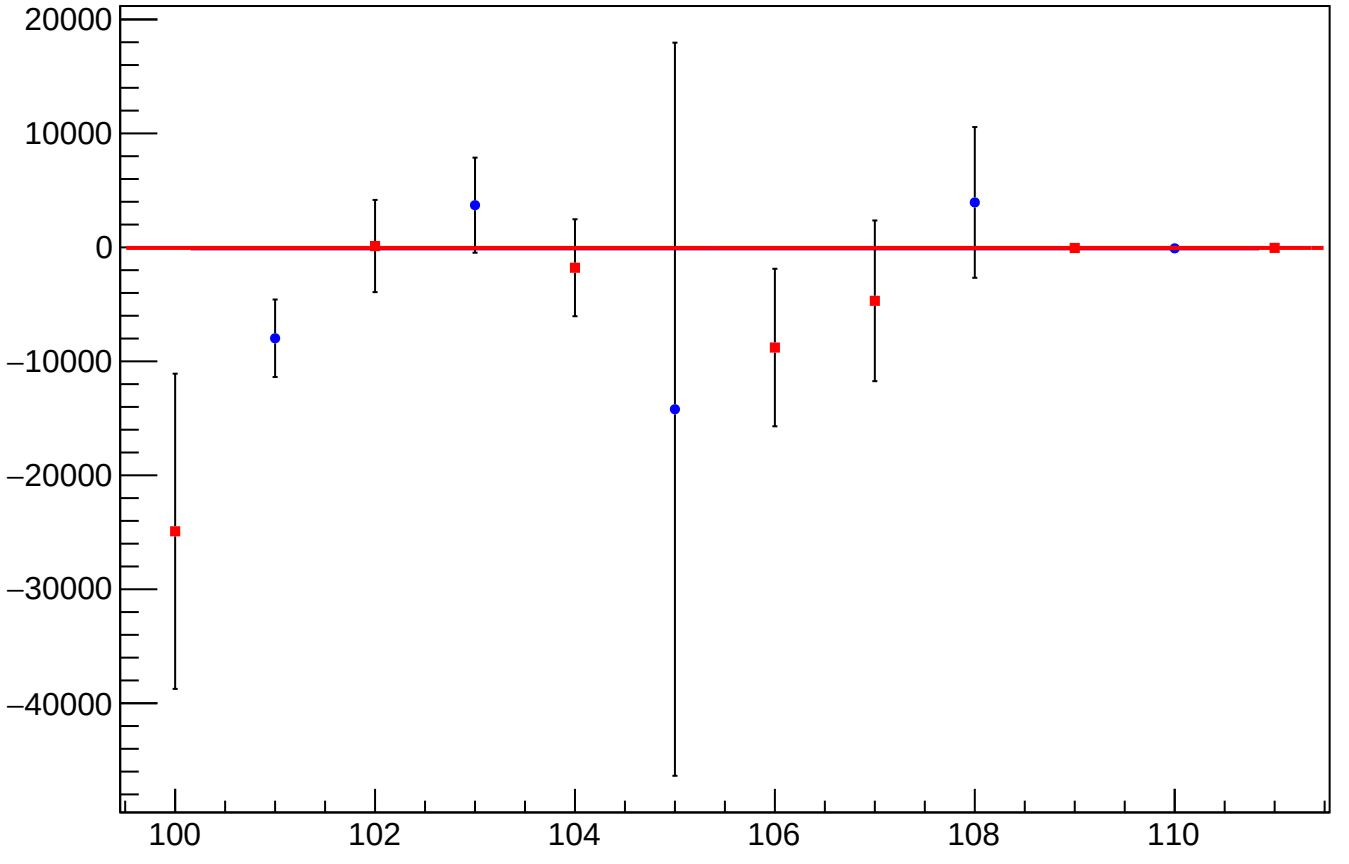
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 133.075+/-0.106 χ^2/NDF: 3259044.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

138.718+/-0.144 χ^2/NDF: 2828932.6/4

133.075+/-0.106 χ^2/NDF: 3259044.3/6



Right In: -86.681+/-56.336 χ^2/NDF: 6.8/4

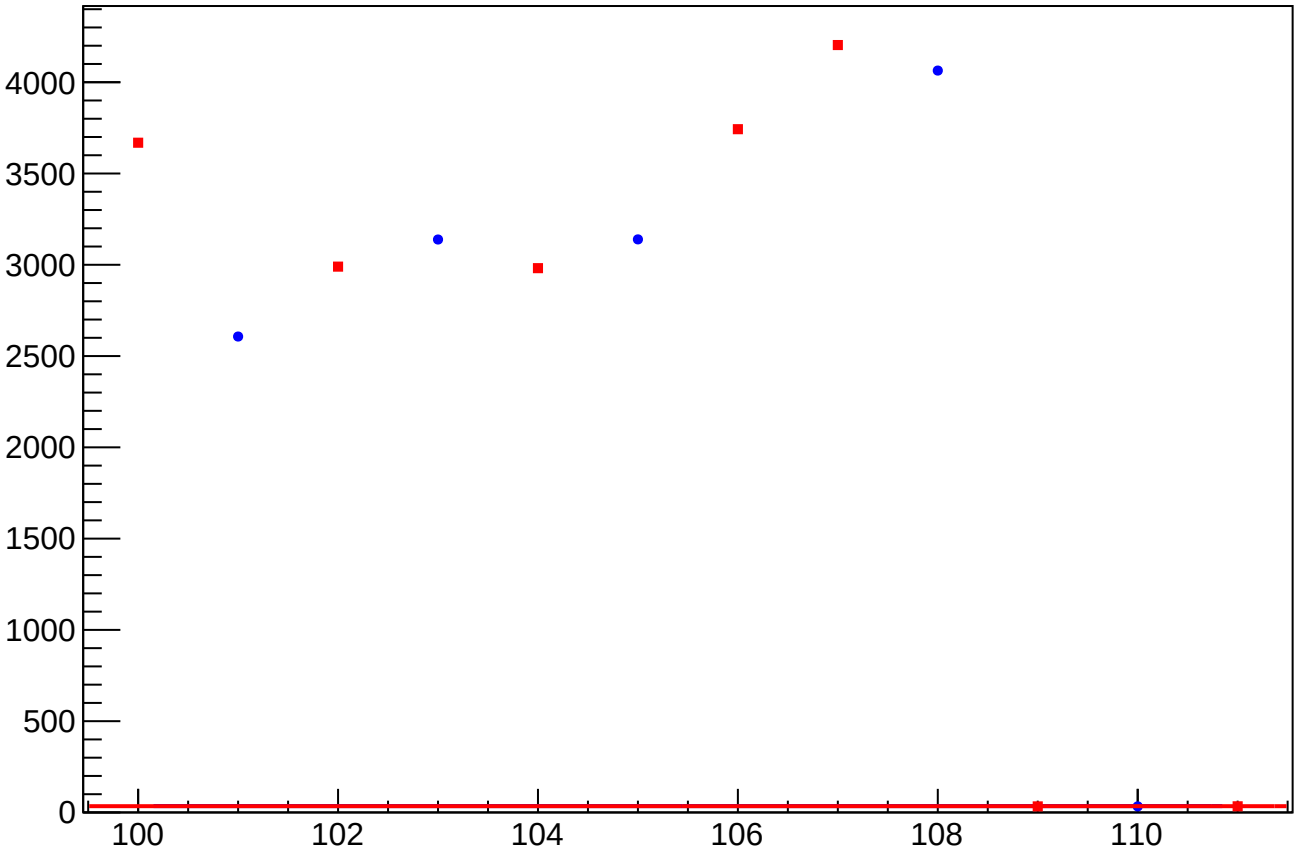
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -49.155+/-40.277 χ^2/NDF: 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-86.681+/-56.336 χ^2/NDF: 6.8/4

-49.155+/-40.277 χ^2/NDF: 5.4/6



Right In: 34.891+/-0.040 χ^2/NDF: 3012720.2/4

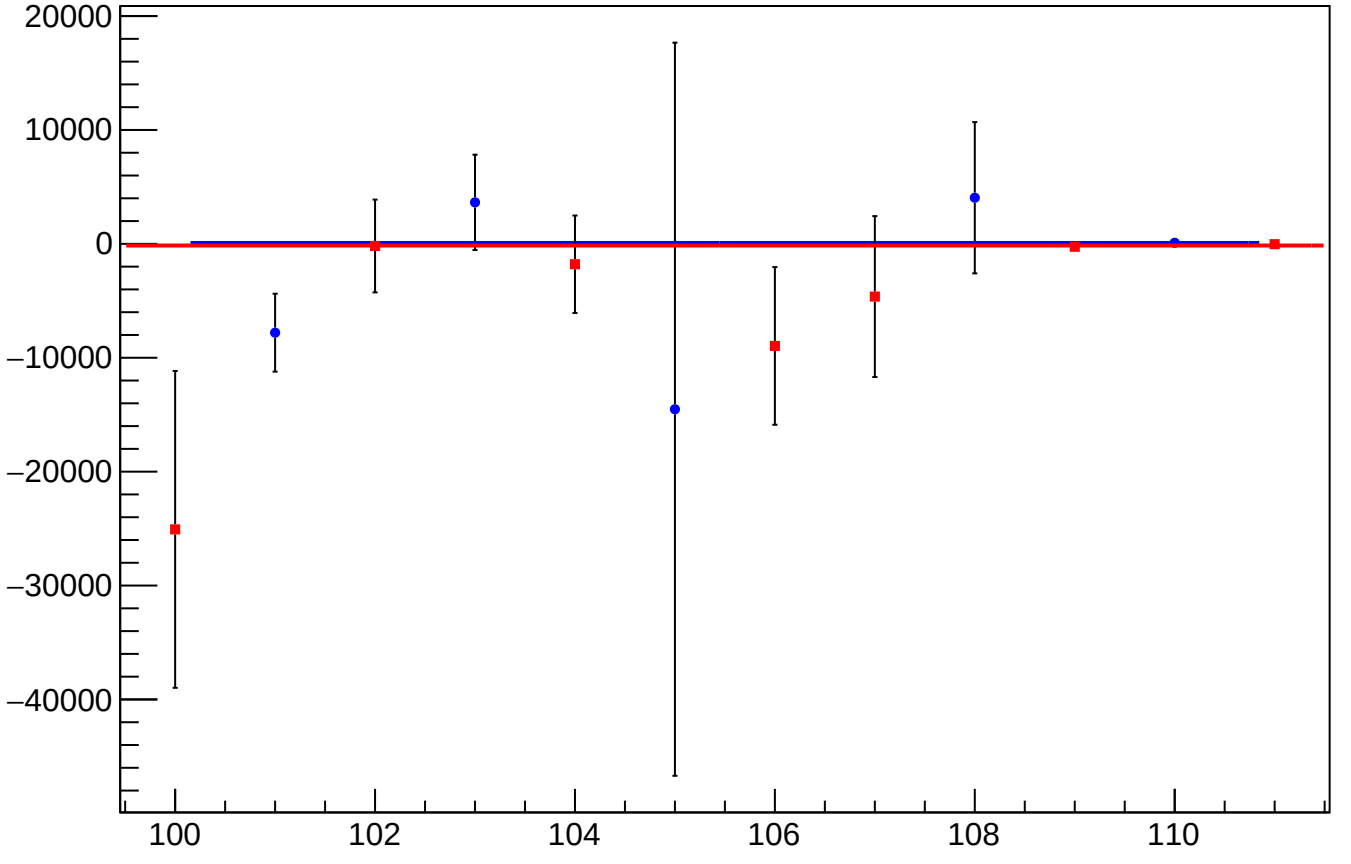
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.347+/-0.028 χ^2/NDF: 3441639.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

34.891+/-0.040 χ^2/NDF: 3012720.2/4

34.347+/-0.028 χ^2/NDF: 3441639.3/6



Right In: 78.354+/-200.874 χ^2/NDF: 6.6/4

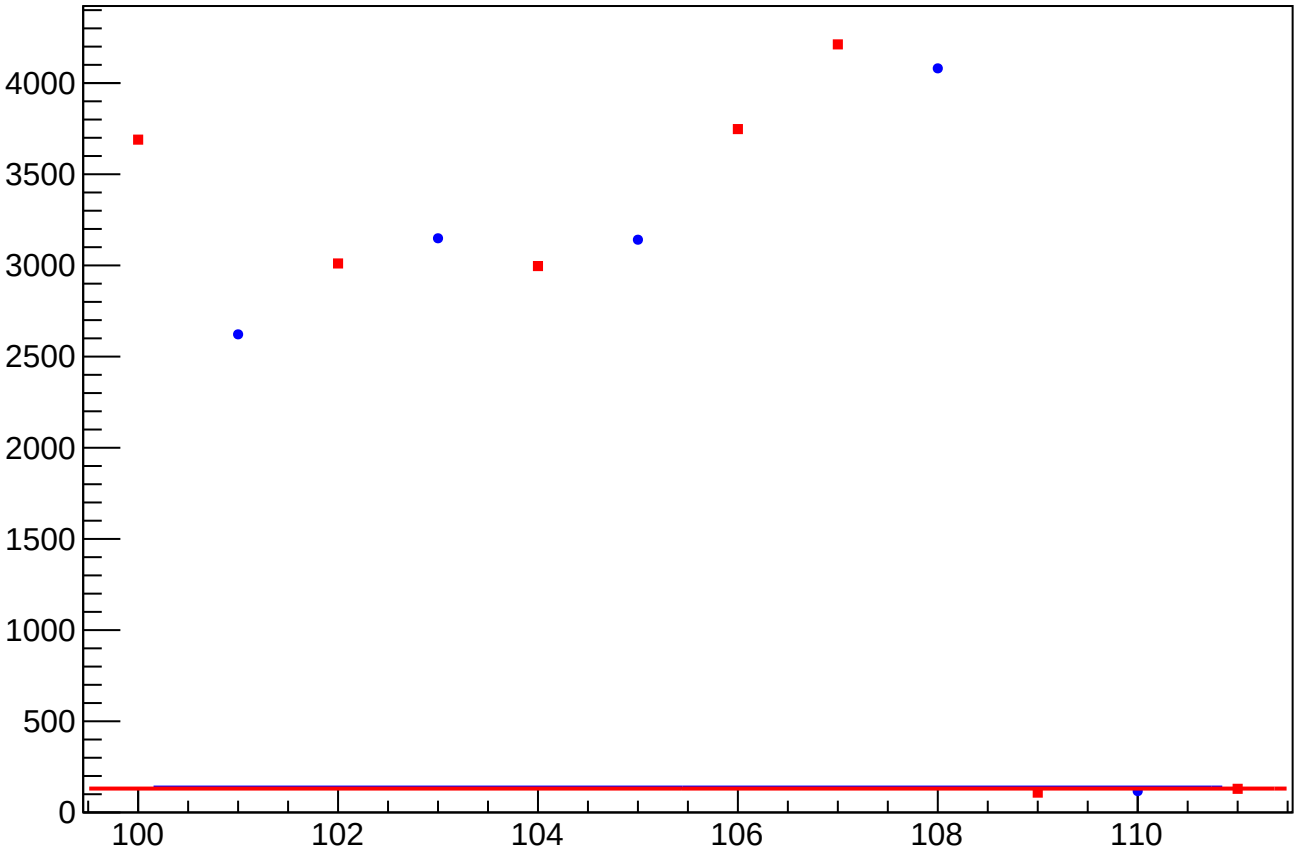
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -144.768+/-147.911 χ^2/NDF: 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

78.354+/-200.874 χ^2/NDF: 6.6/4

-144.768+/-147.911 χ^2/NDF: 6.0/6



Right In: 136.474+/-0.142 χ^2/NDF: 2832696.4/4

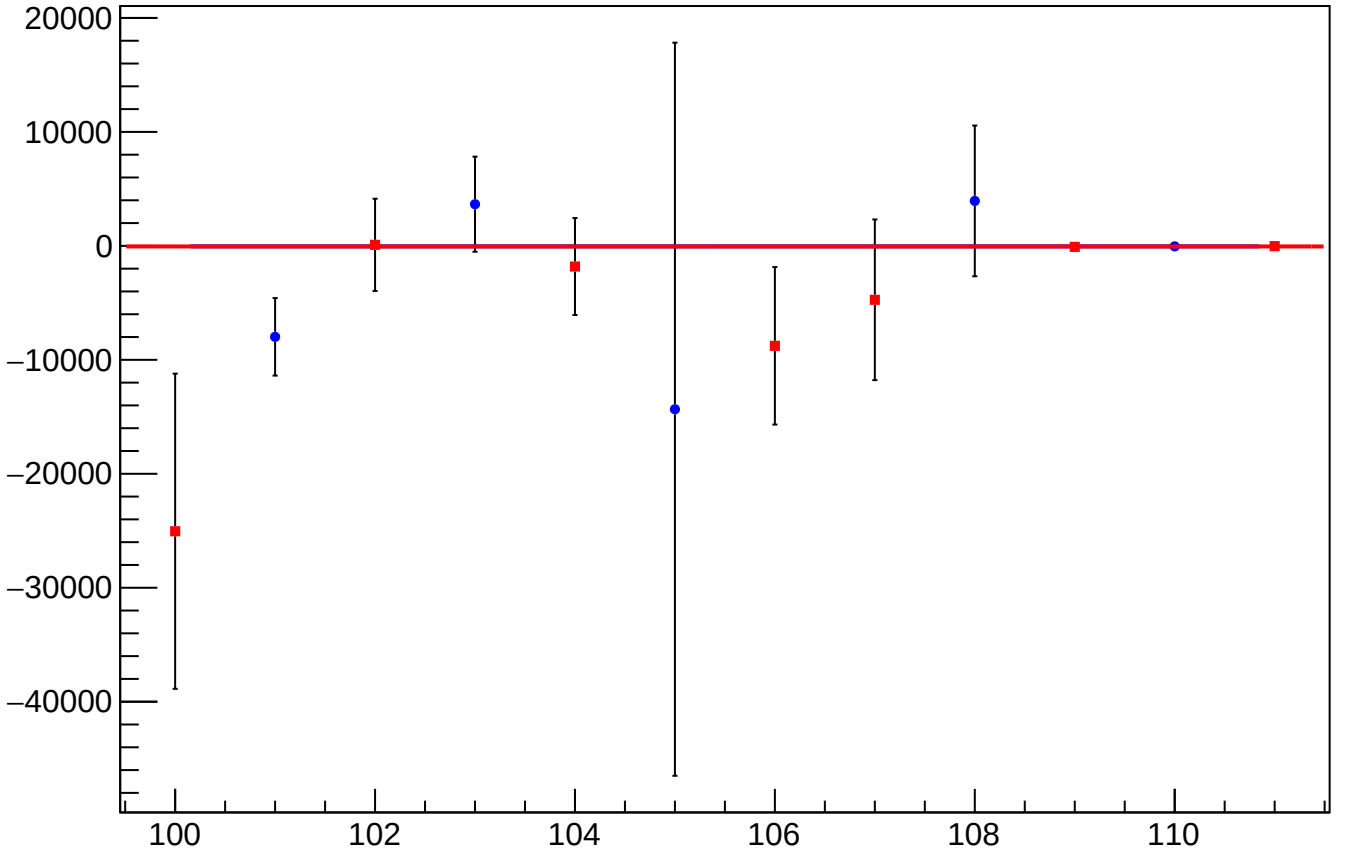
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 130.997+/-0.105 χ^2/NDF: 3263328.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

136.474+/-0.142 χ^2/NDF: 2832696.4/4

130.997+/-0.105 χ^2/NDF: 3263328.9/6



Right In: -45.913+/-52.687 χ^2/NDF: 6.8/4

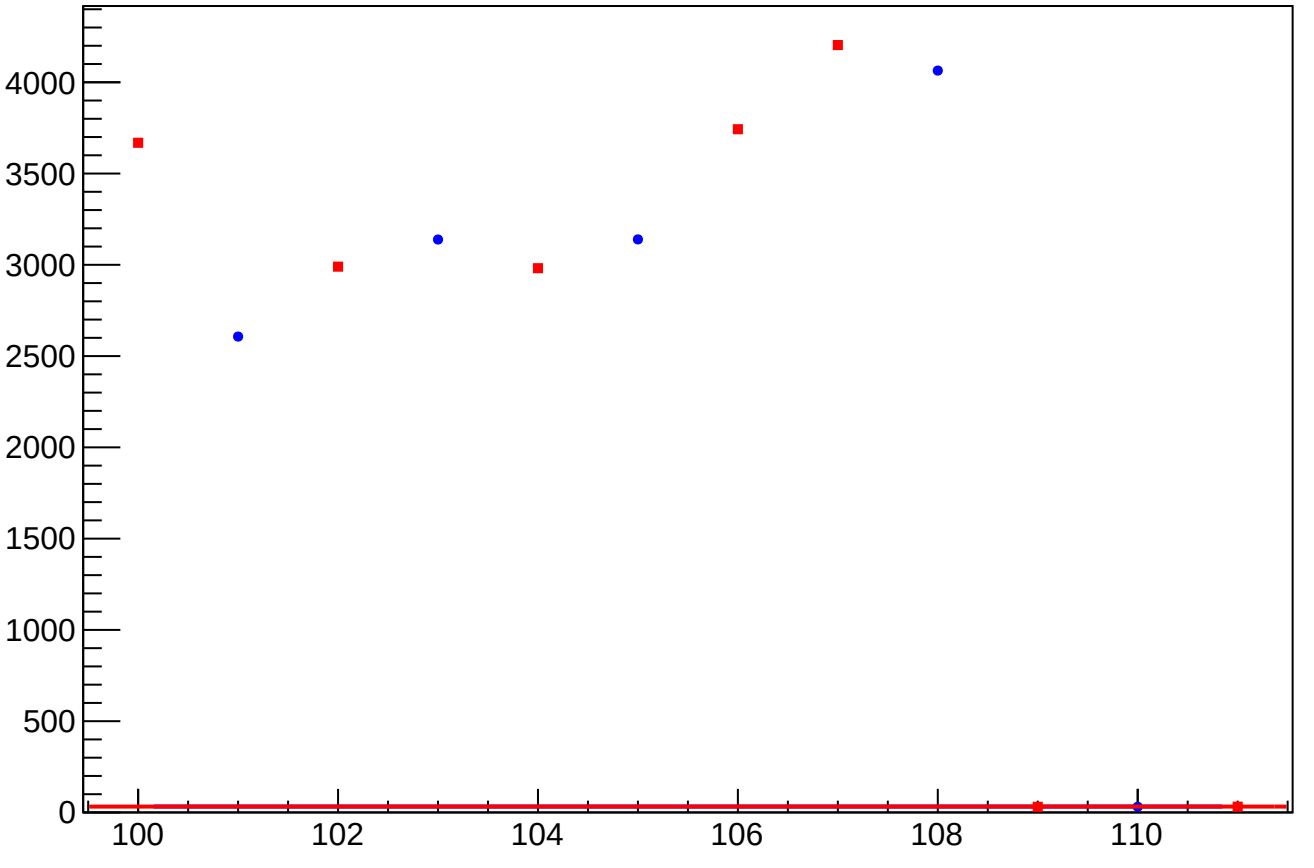
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -50.421+/-37.739 χ^2/NDF: 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-45.913+/-52.687 χ^2/NDF: 6.8/4

-50.421+/-37.739 χ^2/NDF: 6.1/6



Right In: 32.535+/-0.037 χ^2/NDF: 3017203.5/4

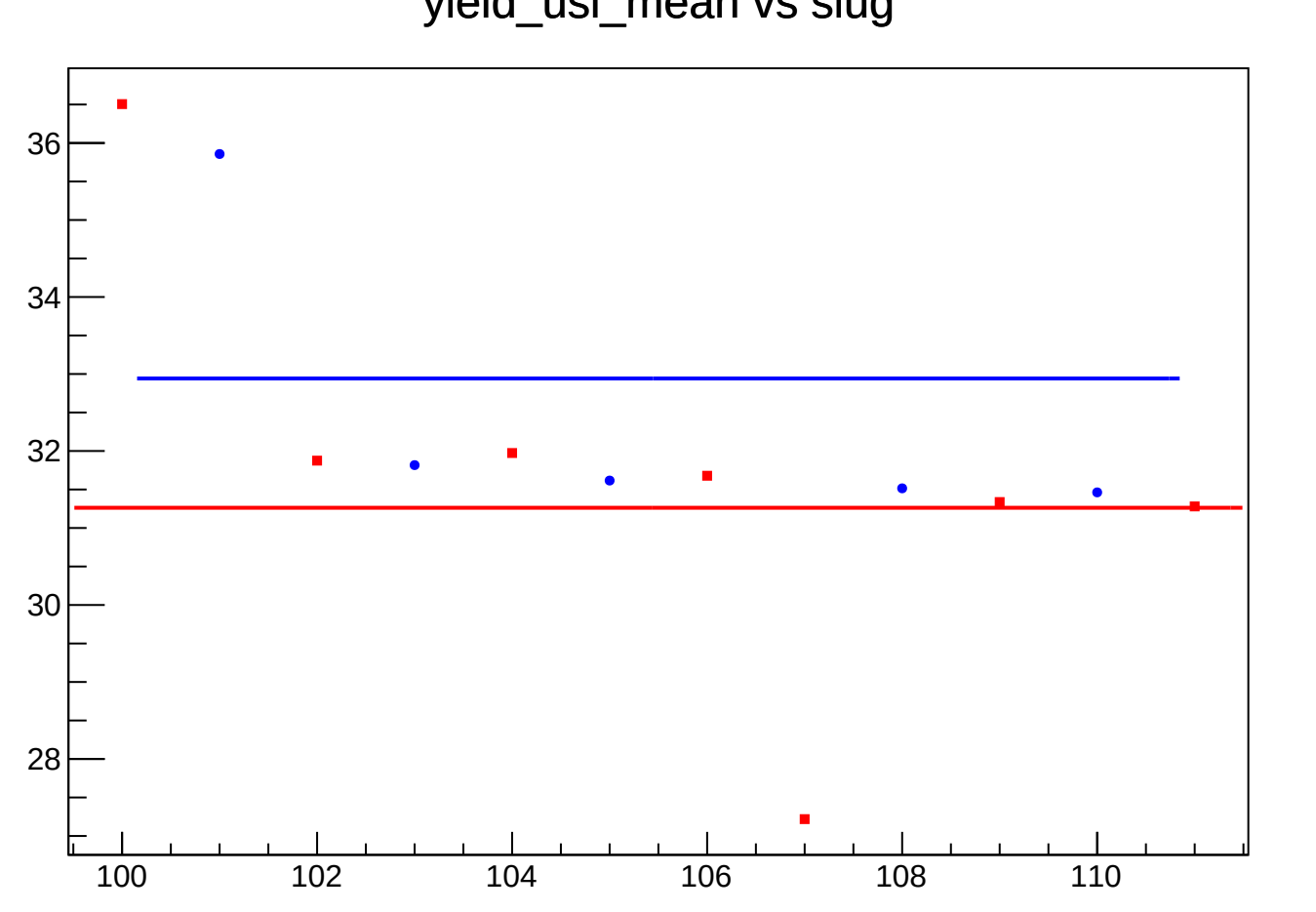
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.125+/-0.027 χ^2/NDF: 3446288.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

32.535+/-0.037 χ^2/NDF: 3017203.5/4

32.125+/-0.027 χ^2/NDF: 3446288.6/6



Right In: 32.942+/-0.000 χ^2/NDF: 718210917.0/4

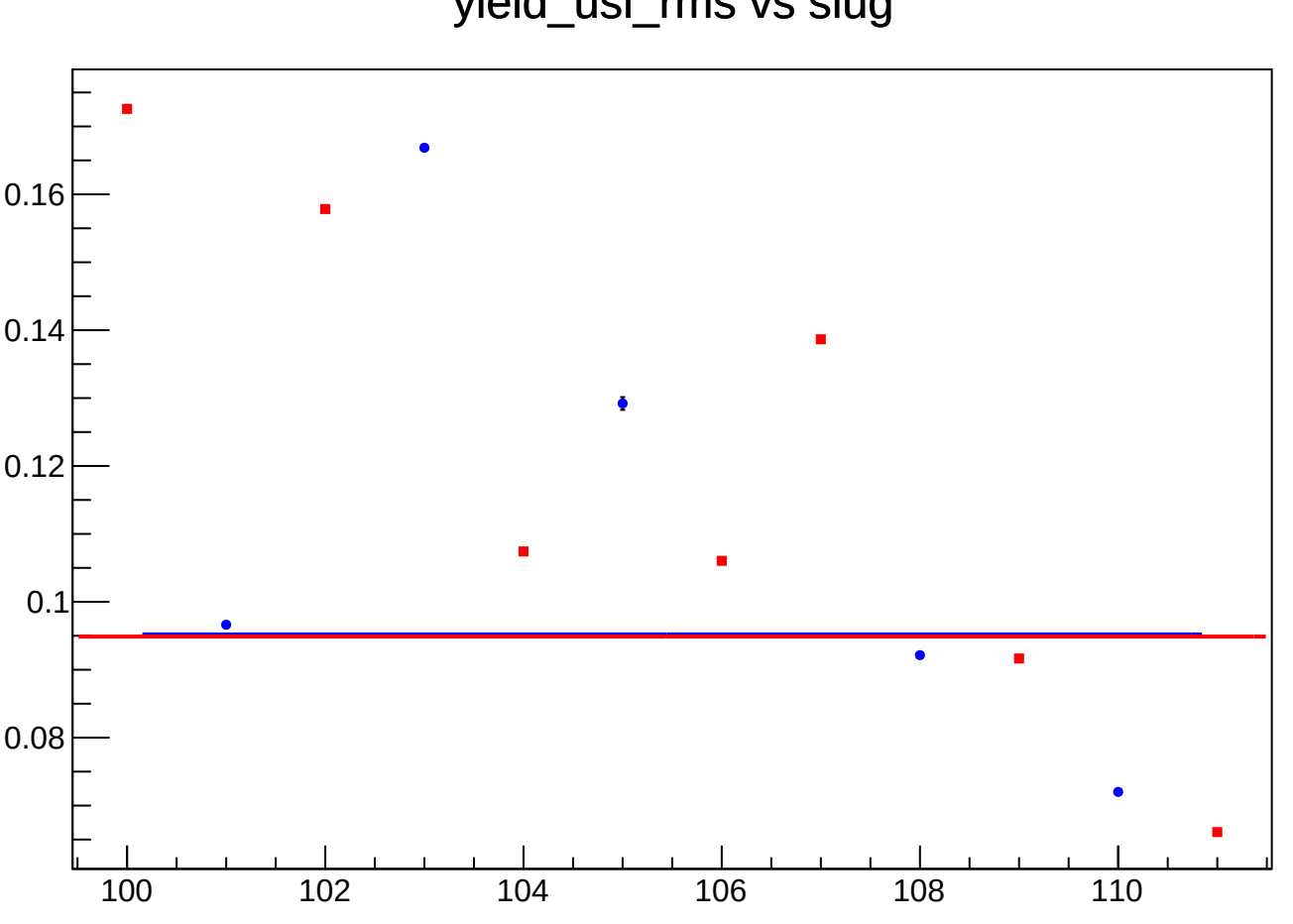
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

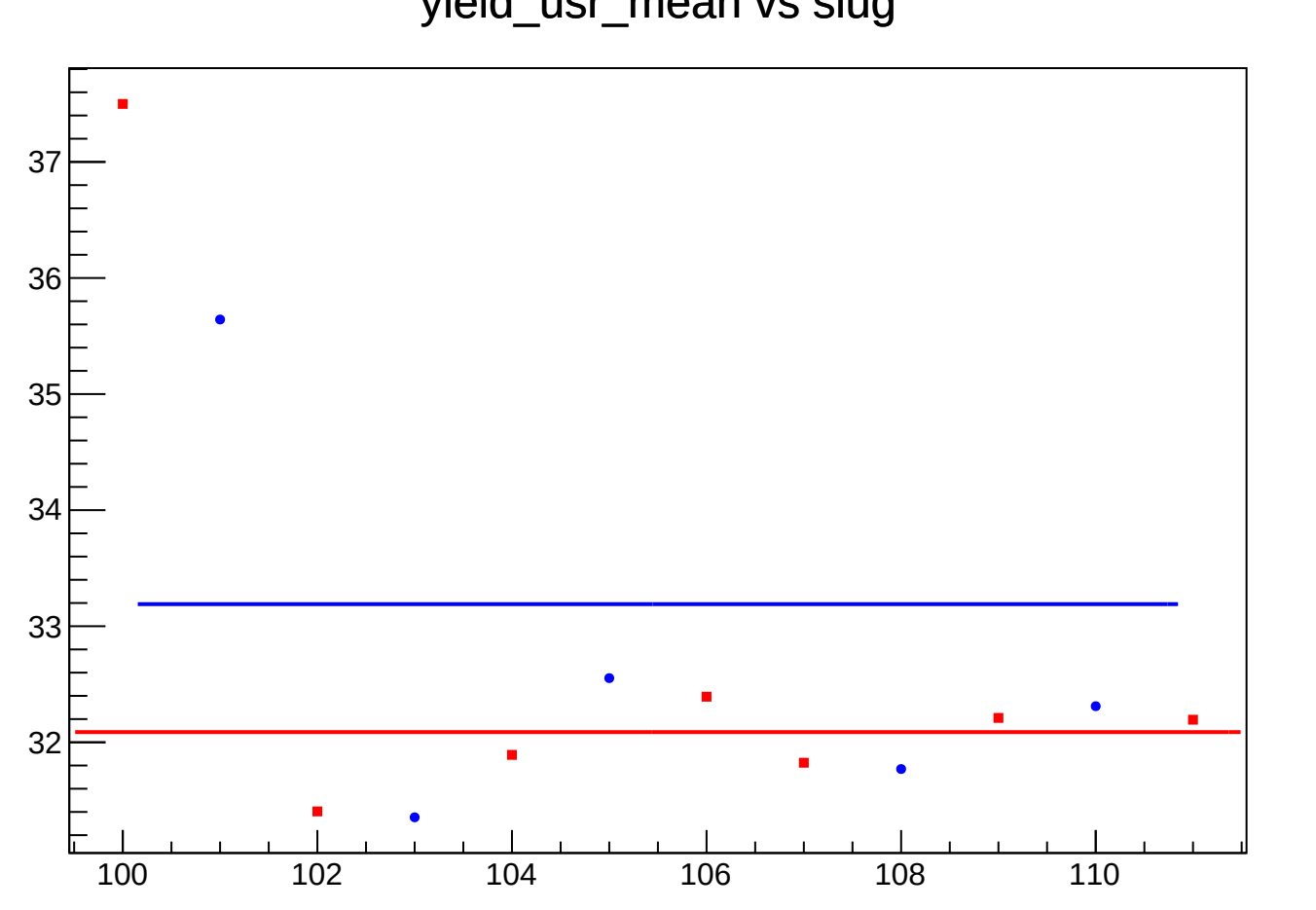
Right Out: 31.263+/-0.000 χ^2/NDF: 354019720.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

32.942+/-0.000 χ^2/NDF: 718210917.0/4

31.263+/-0.000 χ^2/NDF: 354019720.0/6


yield_usl_rms vs slug
0.16
0.14
0.12
0.1
0.08
100
102
104
106
108
110
Right In: 0.095+/-0.000 χ²/NDF: 268769.7/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.095+/-0.000 χ²/NDF: 420241.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.095+/-0.000 χ²/NDF: 268769.7/4
0.095+/-0.000 χ²/NDF: 420241.2/6



Right In: 33.190+/-0.000 χ^2/NDF: 379669667.3/4

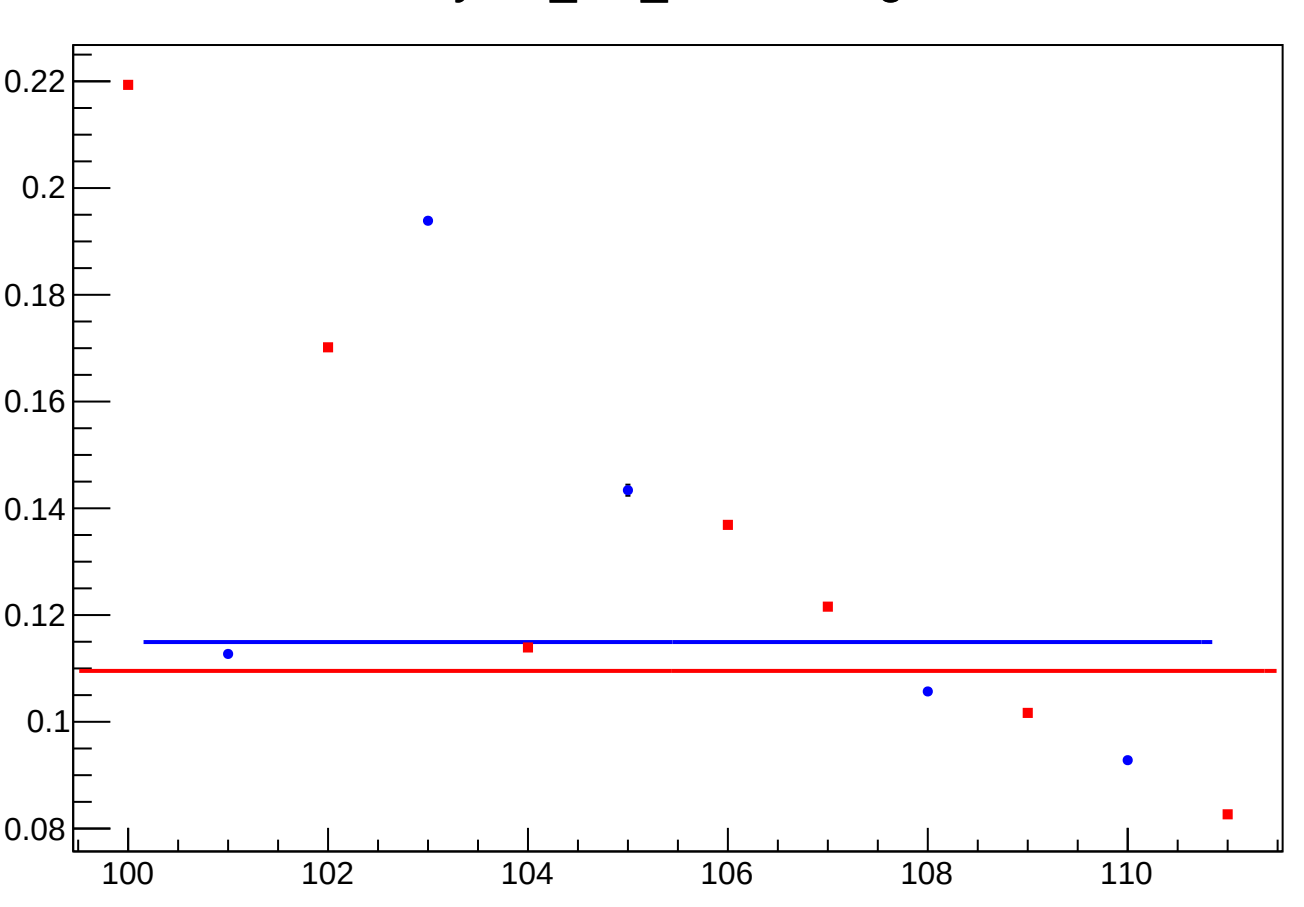
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

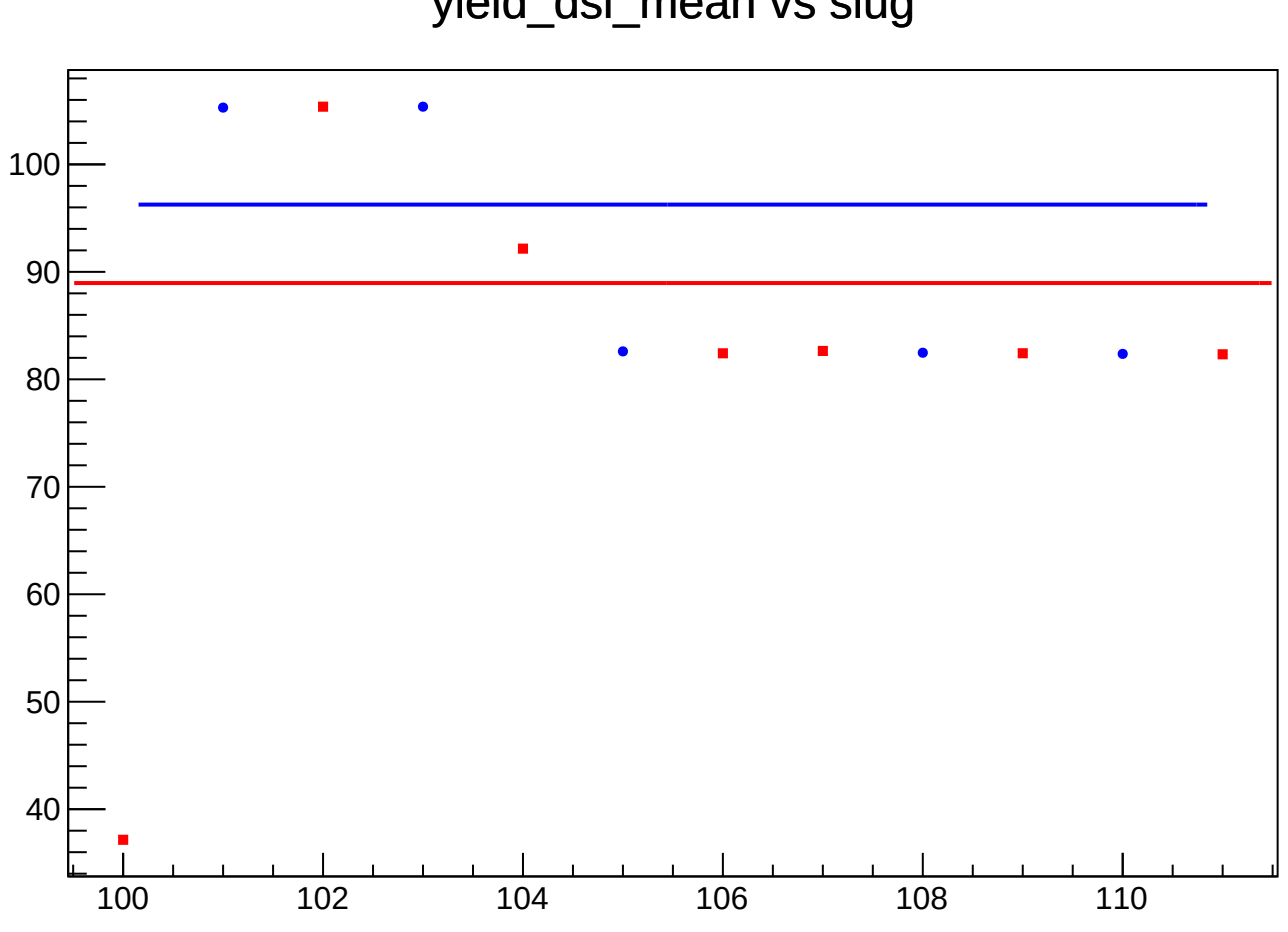
Right Out: 32.088+/-0.000 χ^2/NDF: 54298029.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

33.190+/-0.000 χ^2/NDF: 379669667.3/4

32.088+/-0.000 χ^2/NDF: 54298029.7/6


yield_usr_rms vs slug
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
100
102
104
106
108
110
Right In: 0.115+/-0.000 χ²/NDF: 224423.2/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.110+/-0.000 χ²/NDF: 278012.7/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.115+/-0.000 χ²/NDF: 224423.2/4
0.110+/-0.000 χ²/NDF: 278012.7/6



Right In: 96.259+/-0.000 χ^2/NDF: 139637391848.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

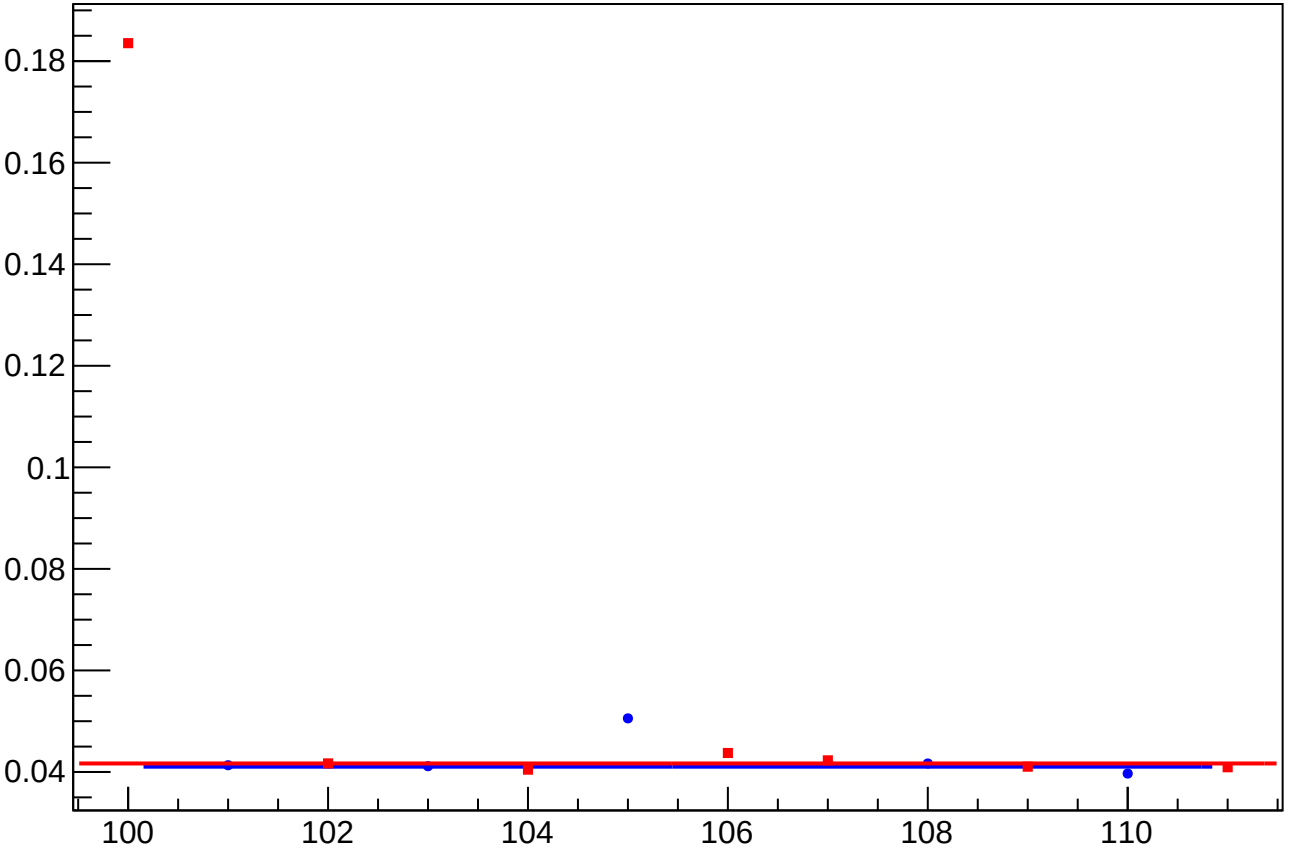
Right Out: 88.960+/-0.000 χ^2/NDF: 131329357054.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

96.259+/-0.000 χ^2/NDF: 139637391848.7/4

88.960+/-0.000 χ^2/NDF: 131329357054.1/6

yield_dsl_rms vs slug



Right In: 0.041+/-0.000 χ^2/NDF: 1715.9/4

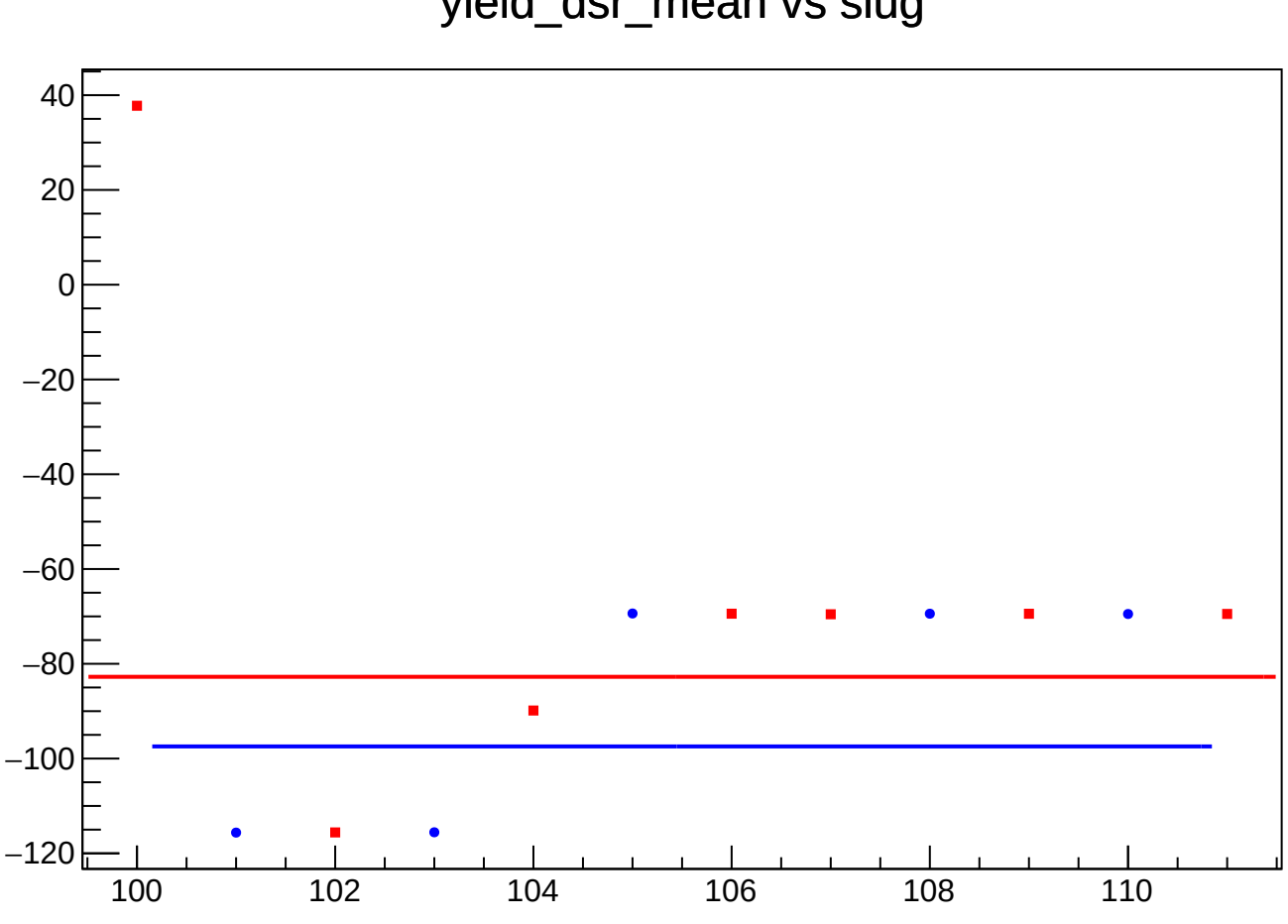
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF: 86138.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.041+/-0.000 χ^2/NDF: 1715.9/4

0.042+/-0.000 χ^2/NDF: 86138.4/6



Right In: -97.439+/-0.000 χ^2/NDF: 266199405819.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

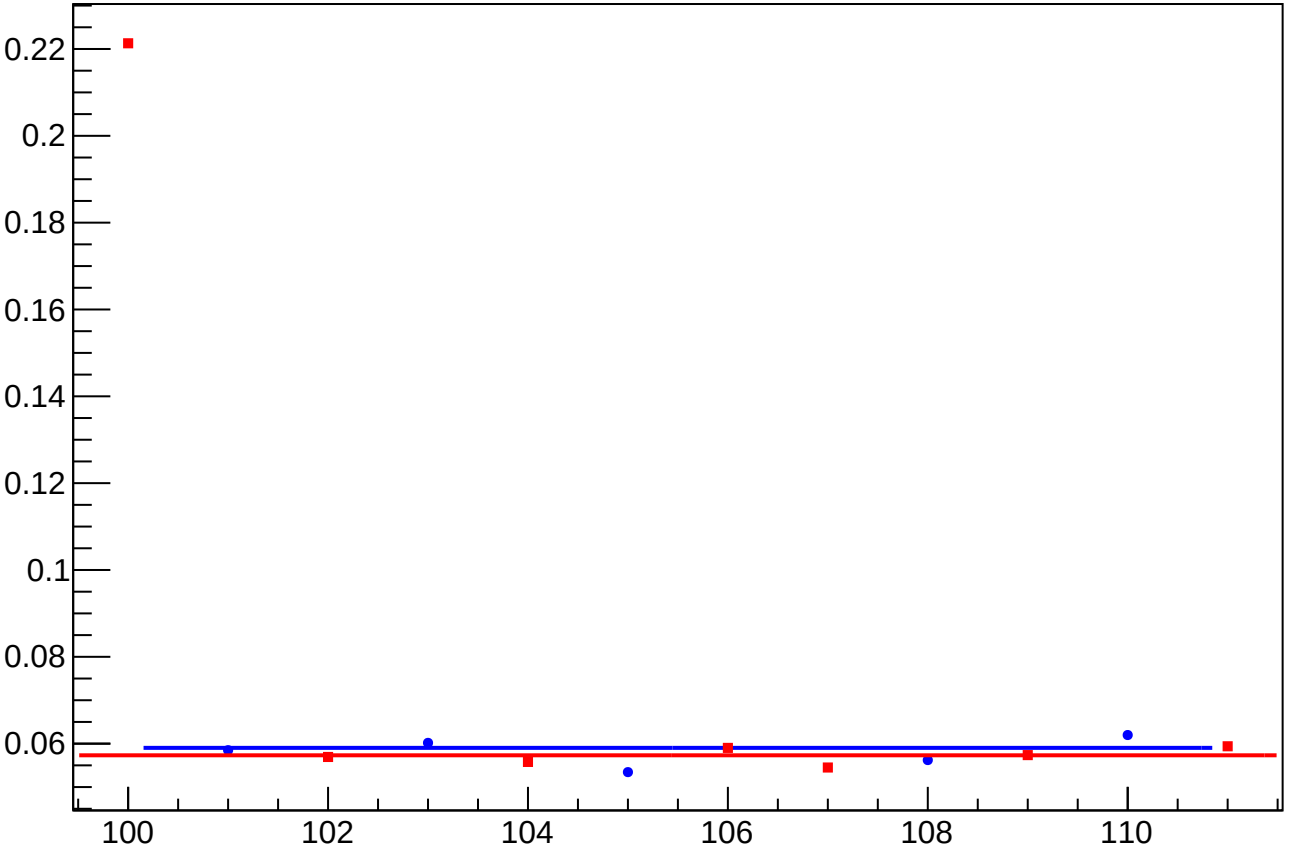
Right Out: -82.747+/-0.000 χ^2/NDF: 285822811500.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-97.439+/-0.000 χ^2/NDF: 266199405819.9/4

-82.747+/-0.000 χ^2/NDF: 285822811500.0/6

yield_dsr_rms vs slug



Right In: 0.059+/-0.000 χ^2/NDF: 4055.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

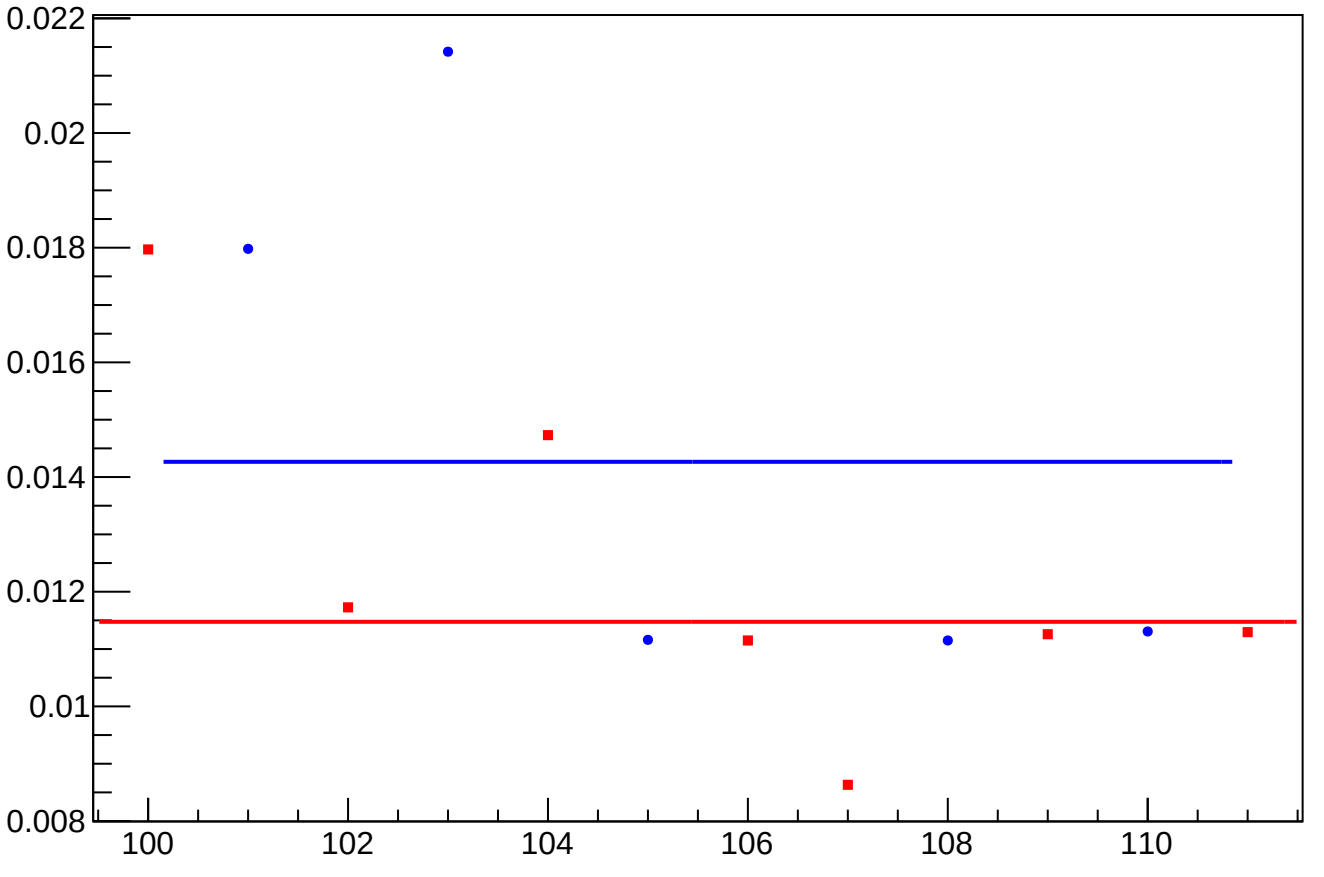
Right Out: 0.057+/-0.000 χ^2/NDF: 78156.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.059+/-0.000 χ^2/NDF: 4055.2/4

0.057+/-0.000 χ^2/NDF: 78156.2/6

yield_atl1_mean vs slug



Right In: 0.014+/-0.000 χ^2/NDF: 5208025398.9/4

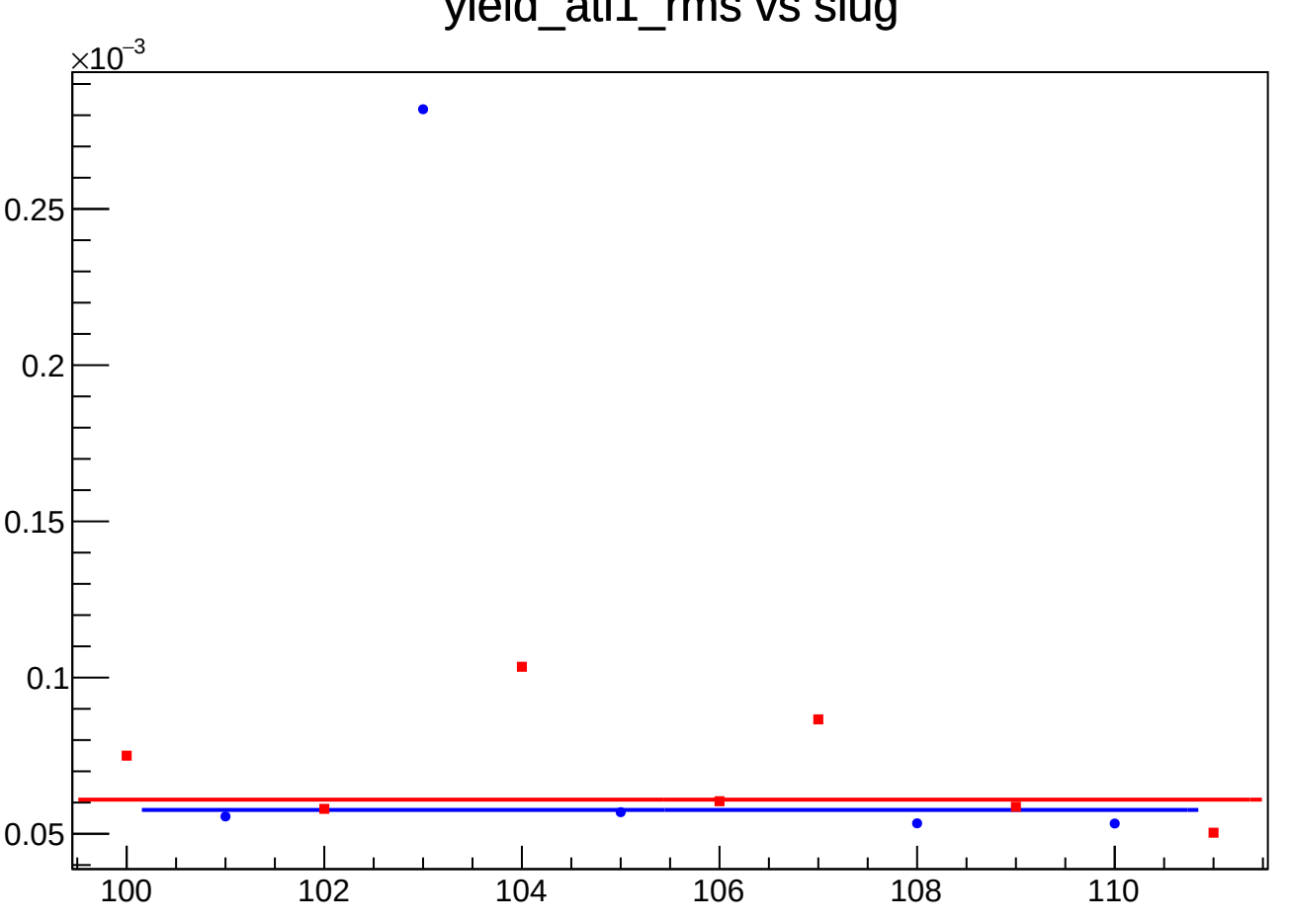
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

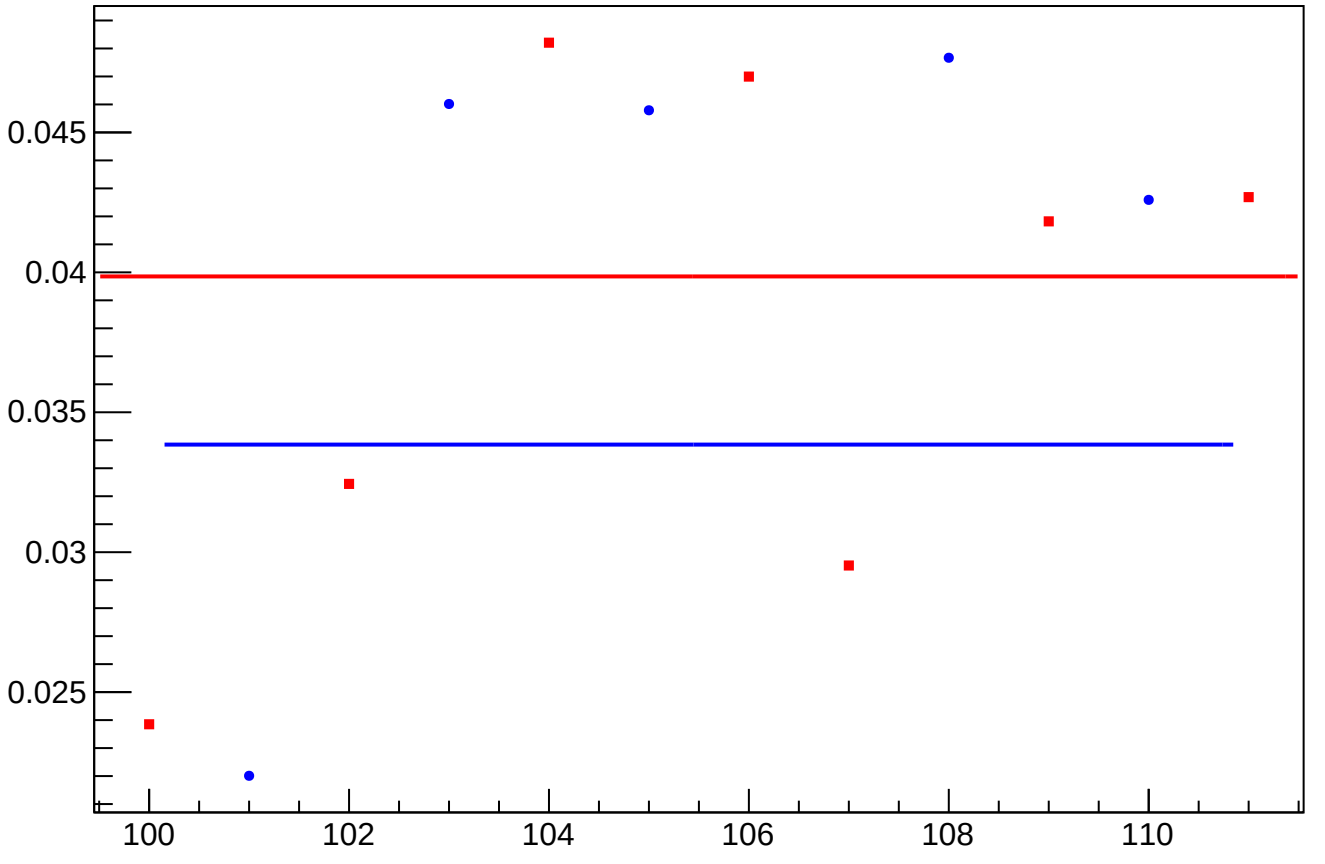
Right Out: 0.011+/-0.000 χ^2/NDF: 1171217266.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.014+/-0.000 χ^2/NDF: 5208025398.9/4

0.011+/-0.000 χ^2/NDF: 1171217266.6/6


yield_atl1_rms vs slug
×10^-3
0.25
0.2
0.15
0.1
0.05
100
102
104
106
108
110
Right In: 0.000+/-0.000 χ²/NDF: 657971.4/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 204868.4/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.000+/-0.000 χ²/NDF: 657971.4/4
0.000+/-0.000 χ²/NDF: 204868.4/6



Right In: 0.034+/-0.000 χ^2/NDF: 1396944993.3/4

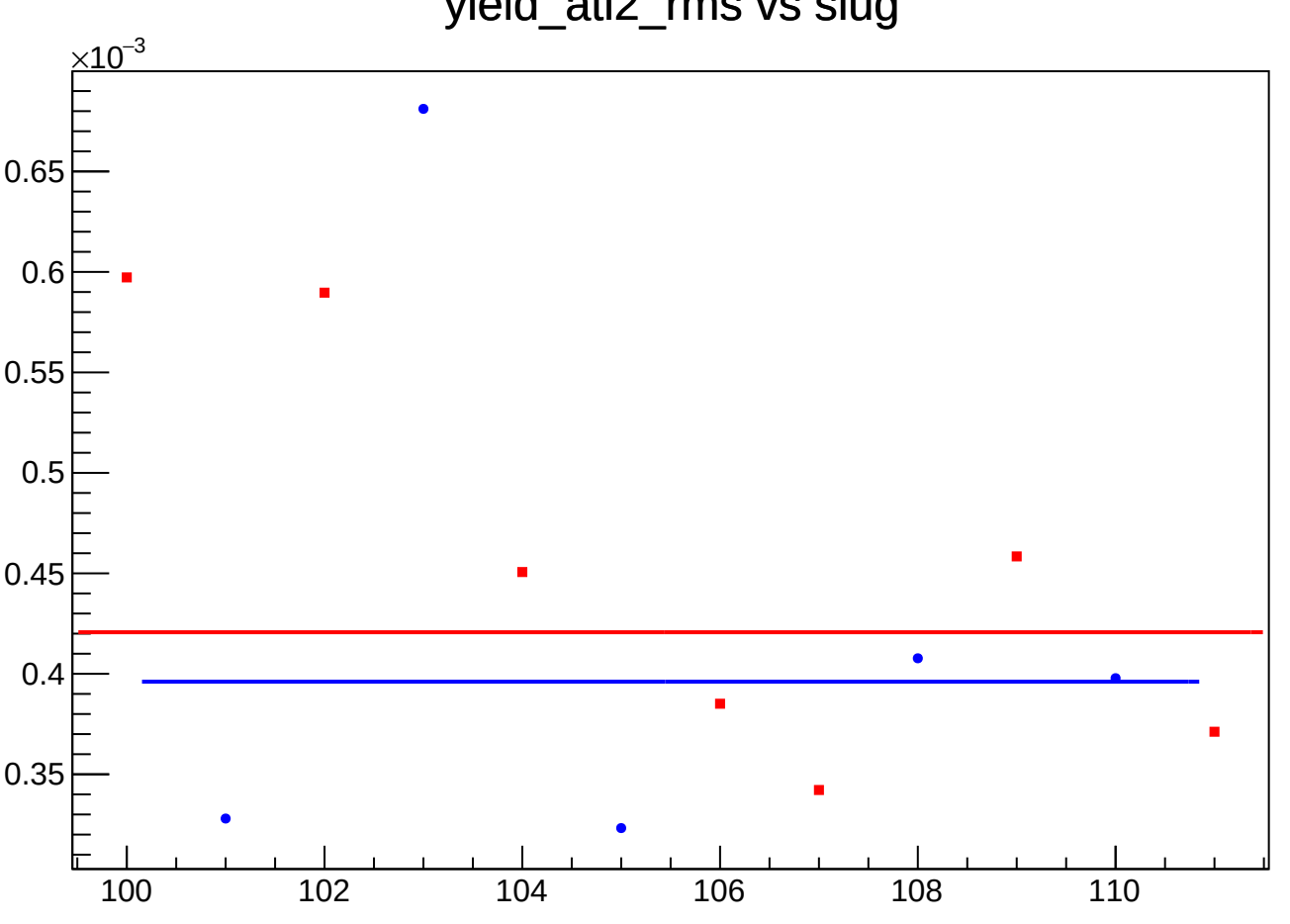
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

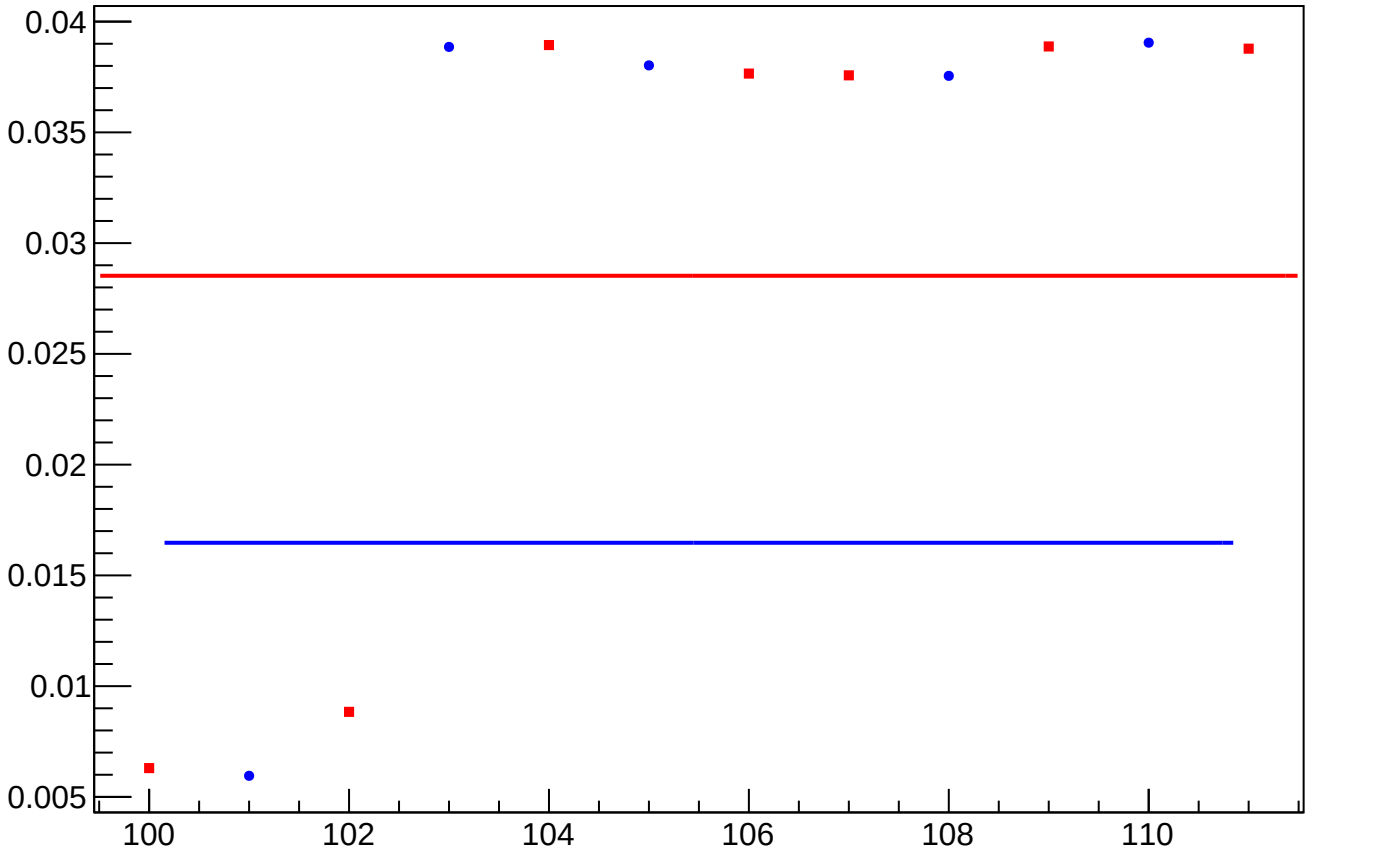
Right Out: 0.040+/-0.000 χ^2/NDF: 651493469.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.034+/-0.000 χ^2/NDF: 1396944993.3/4

0.040+/-0.000 χ^2/NDF: 651493469.2/6


yield_atl2_rms vs slug
×10⁻³
0.65
0.6
0.55
0.5
0.45
0.4
0.35
100
102
104
106
108
110
Right In: 0.000+/-0.000 χ²/NDF: 229192.6/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 149999.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.000+/-0.000 χ²/NDF: 229192.6/4
0.000+/-0.000 χ²/NDF: 149999.2/6



Right In: 0.016+/-0.000 χ^2/NDF: 42922824678.6/4

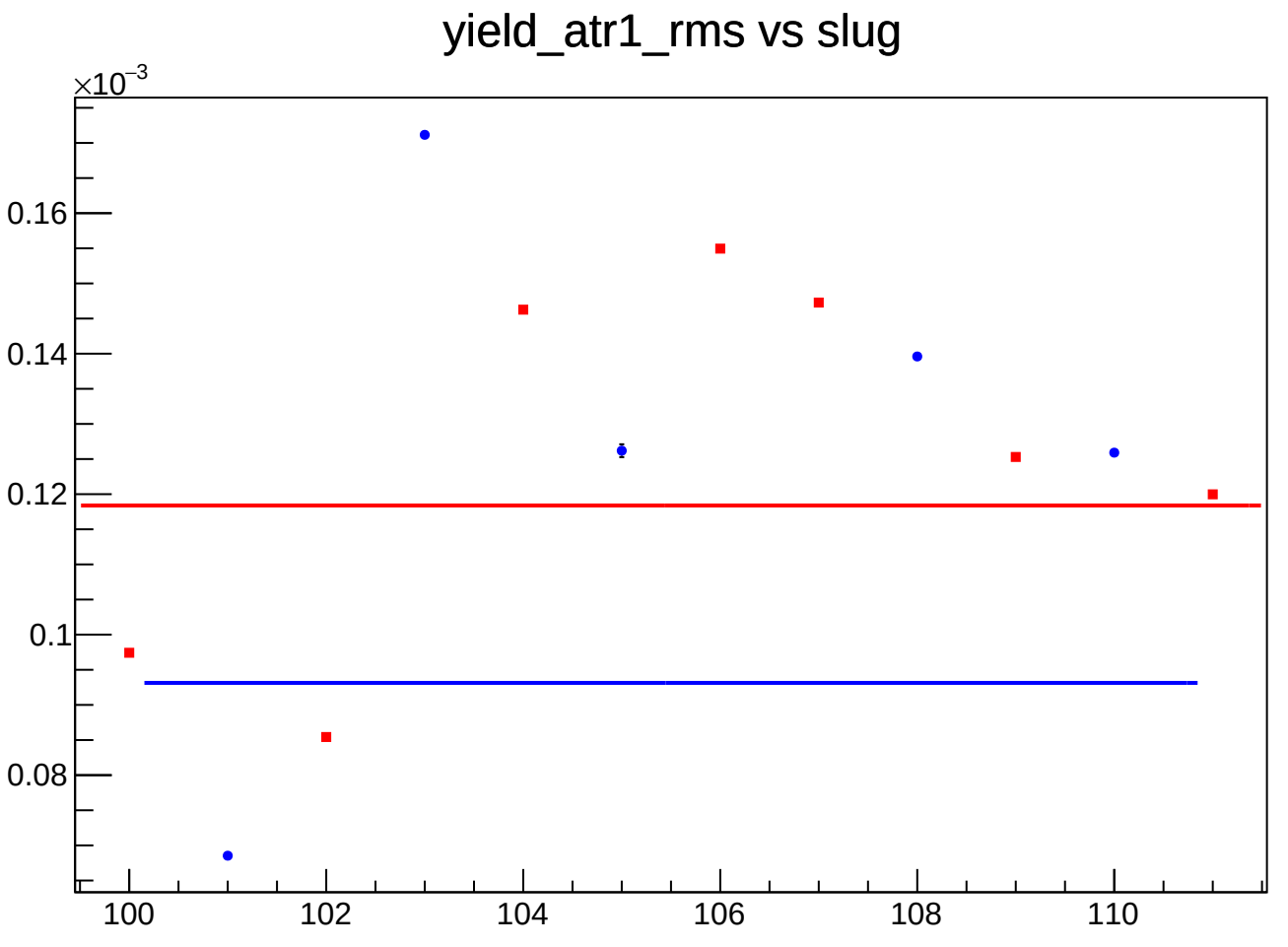
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

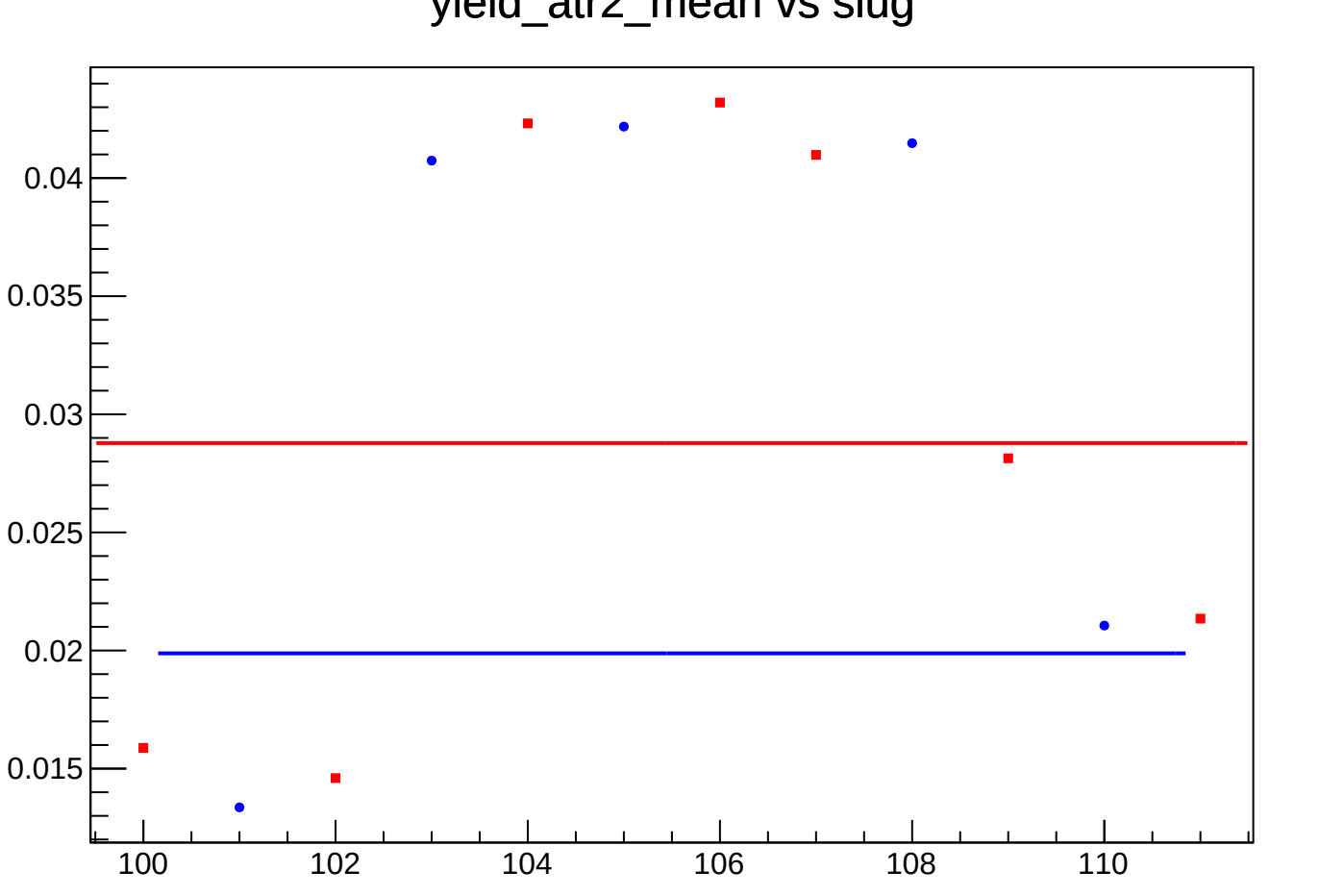
Right Out: 0.029+/-0.000 χ^2/NDF: 33586064173.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.016+/-0.000 χ^2/NDF: 42922824678.6/4

0.029+/-0.000 χ^2/NDF: 33586064173.3/6


yield_atr1_rms vs slug
×10⁻³
0.16
0.14
0.12
0.1
0.08
100
102
104
106
108
110
Right In: 0.000+/-0.000 χ²/NDF: 512757.0/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 206171.3/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.000+/-0.000 χ²/NDF: 512757.0/4
0.000+/-0.000 χ²/NDF: 206171.3/6



Right In: 0.020+/-0.000 χ^2/NDF: 2889463132.7/4

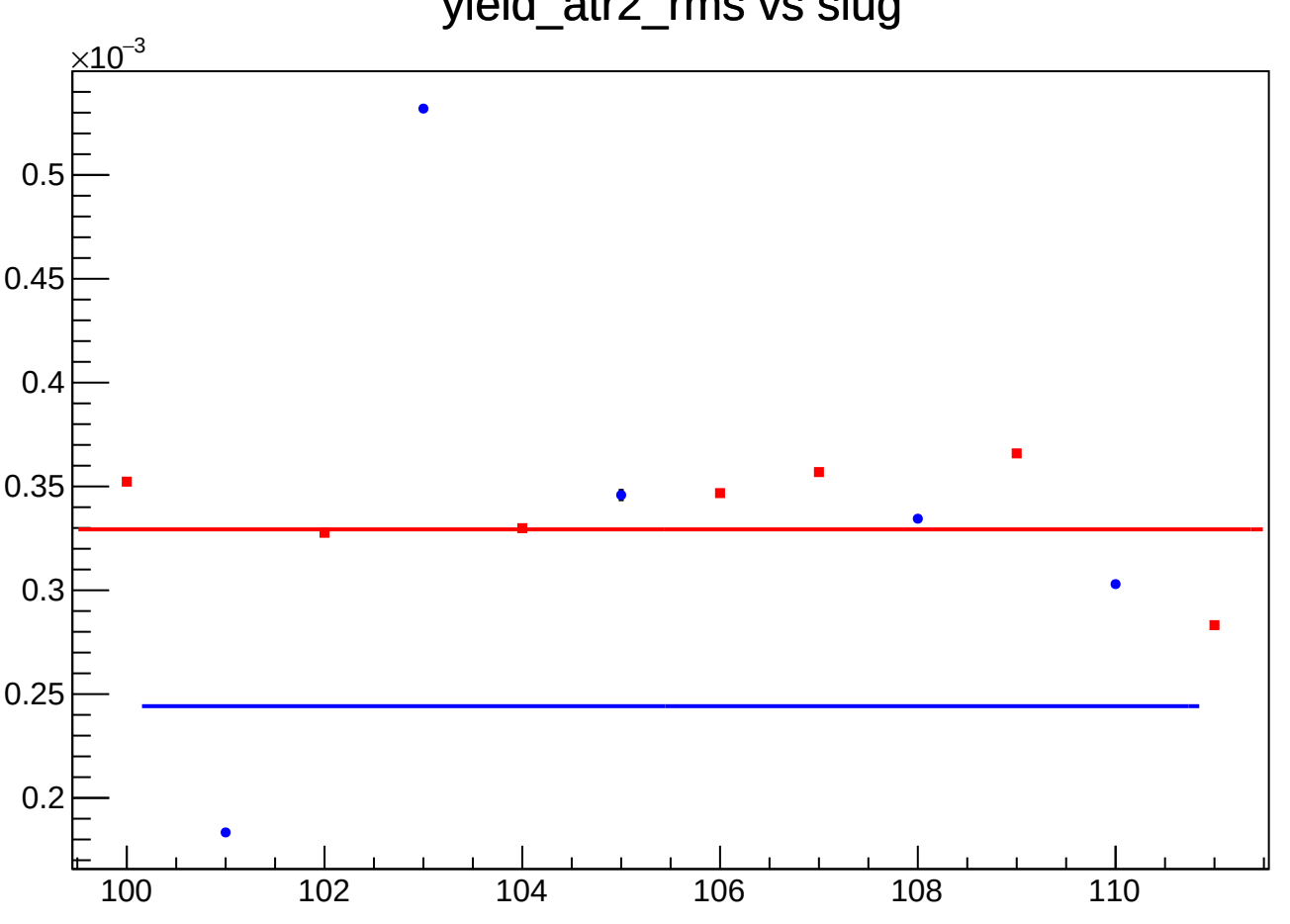
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

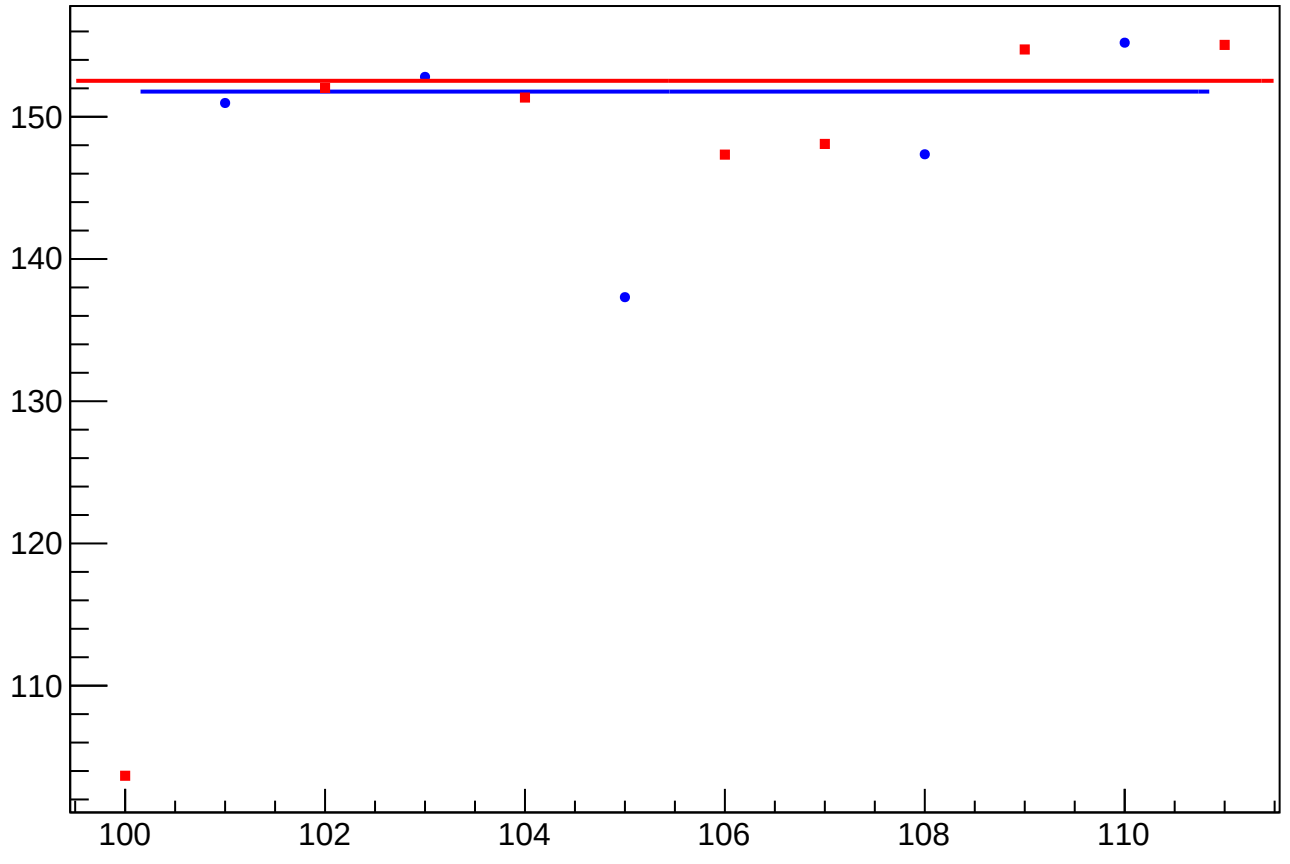
Right Out: 0.029+/-0.000 χ^2/NDF: 2640165586.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.020+/-0.000 χ^2/NDF: 2889463132.7/4

0.029+/-0.000 χ^2/NDF: 2640165586.7/6


yield_atr2_rms vs slug
×10⁻³
0.5
0.45
0.4
0.35
0.3
0.25
0.2
100
102
104
106
108
110
Right In: 0.000+/-0.000 χ²/NDF: 495125.6/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 35858.9/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.000+/-0.000 χ²/NDF: 495125.6/4
0.000+/-0.000 χ²/NDF: 35858.9/6



Right In: 151.771+/-0.000 χ^2/NDF: 98485570.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

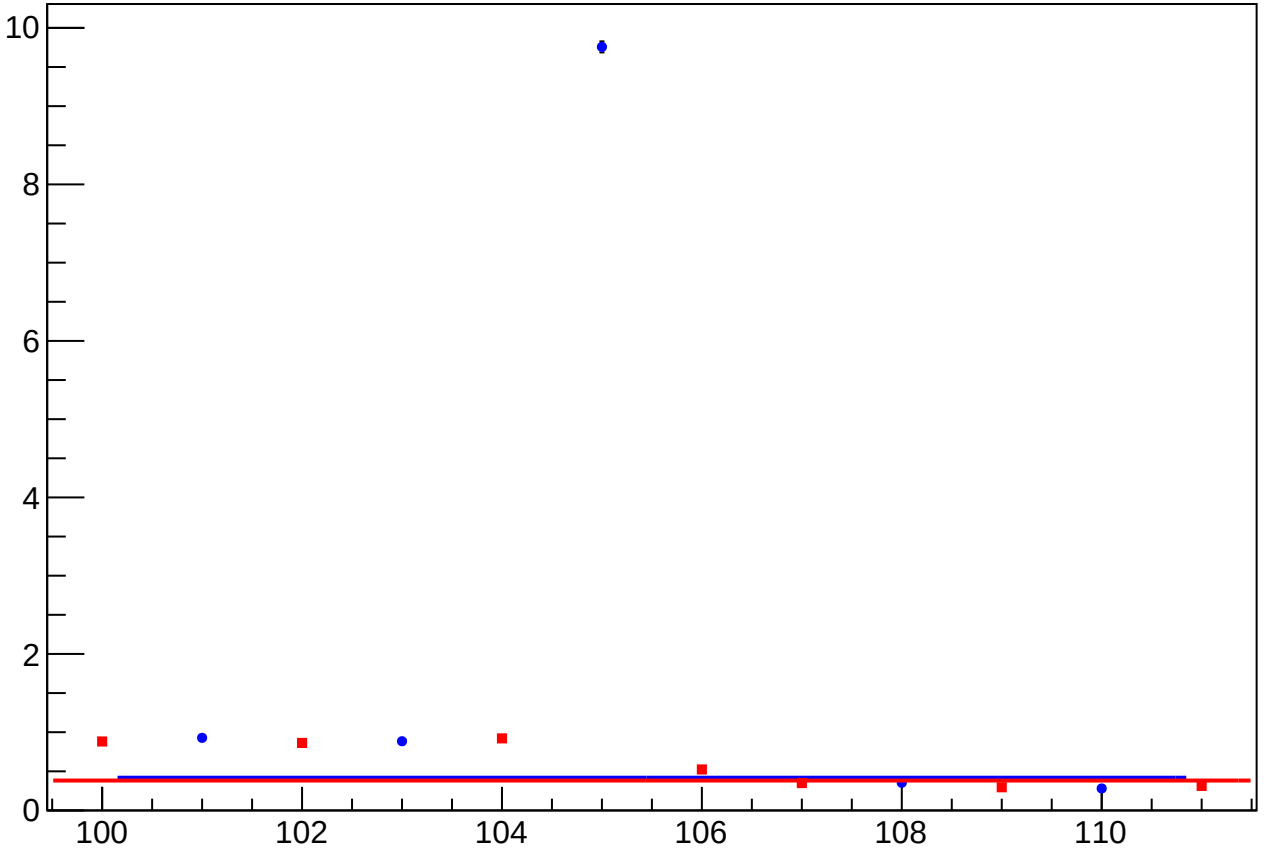
Right Out: 152.529+/-0.000 χ^2/NDF: 344492213.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

151.771+/-0.000 χ^2/NDF: 98485570.7/4

152.529+/-0.000 χ^2/NDF: 344492213.3/6

yield_bcm_an_ds_rms vs slug



Right In: 0.418+/-0.000 χ^2/NDF: 831679.1/4

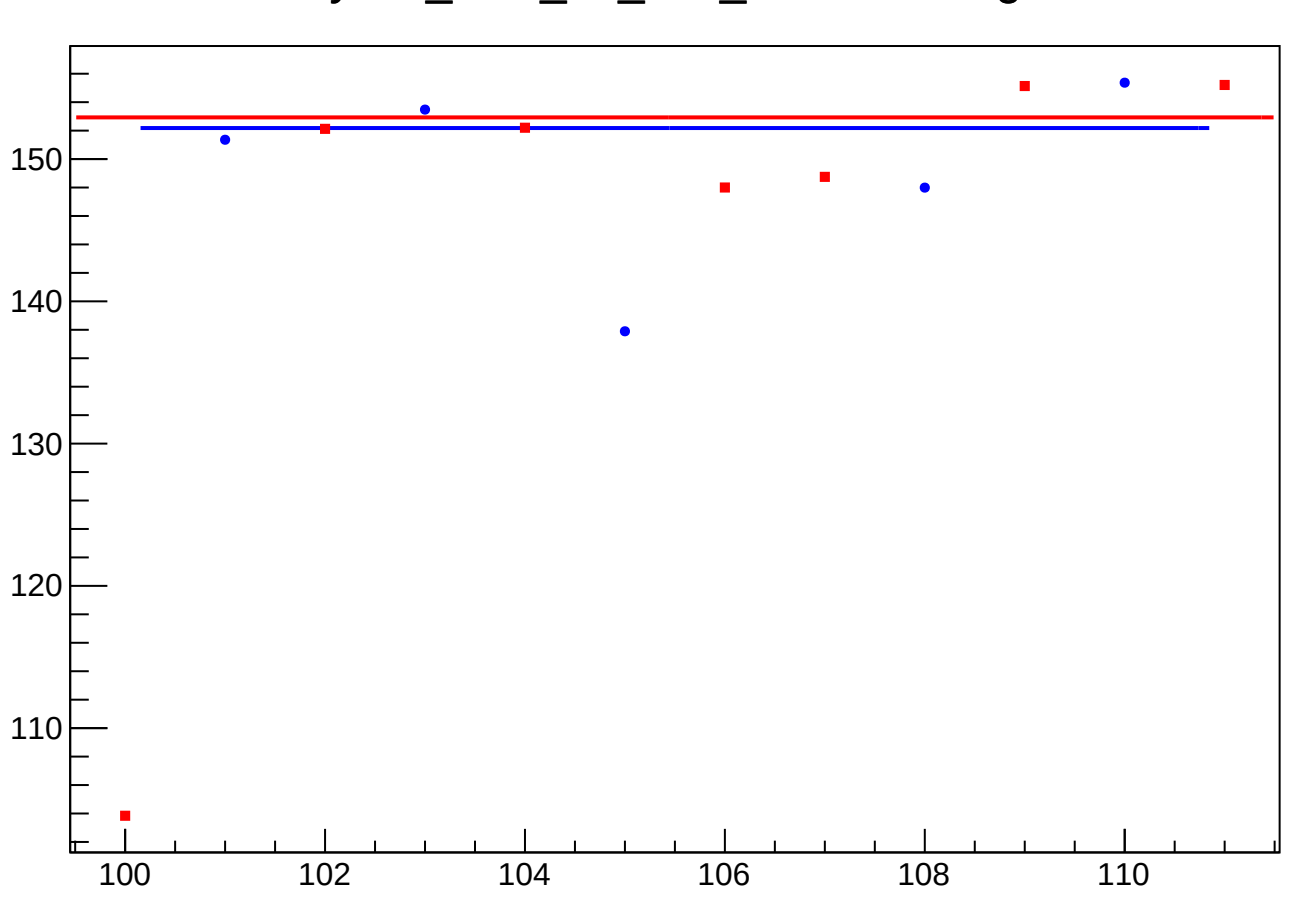
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.382+/-0.000 χ^2/NDF: 857750.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.418+/-0.000 χ^2/NDF: 831679.1/4

0.382+/-0.000 χ^2/NDF: 857750.7/6



Right In: 152.182+/-0.000 χ^2/NDF: 86076925.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

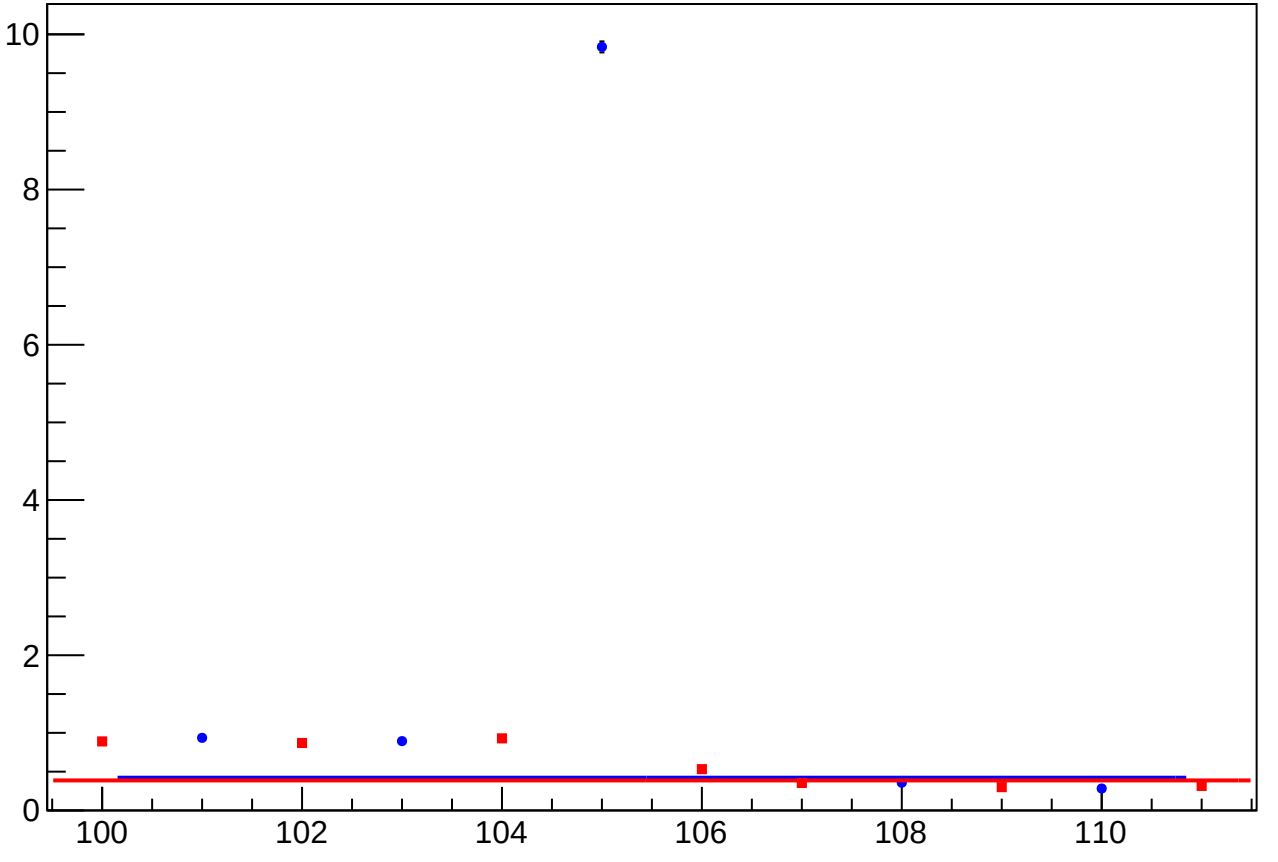
Right Out: 152.930+/-0.000 χ^2/NDF: 326433642.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

152.182+/-0.000 χ^2/NDF: 86076925.8/4

152.930+/-0.000 χ^2/NDF: 326433642.0/6

yield_bcm_an_ds3_rms vs slug



Right In: 0.422+/-0.000 χ^2/NDF: 833018.6/4

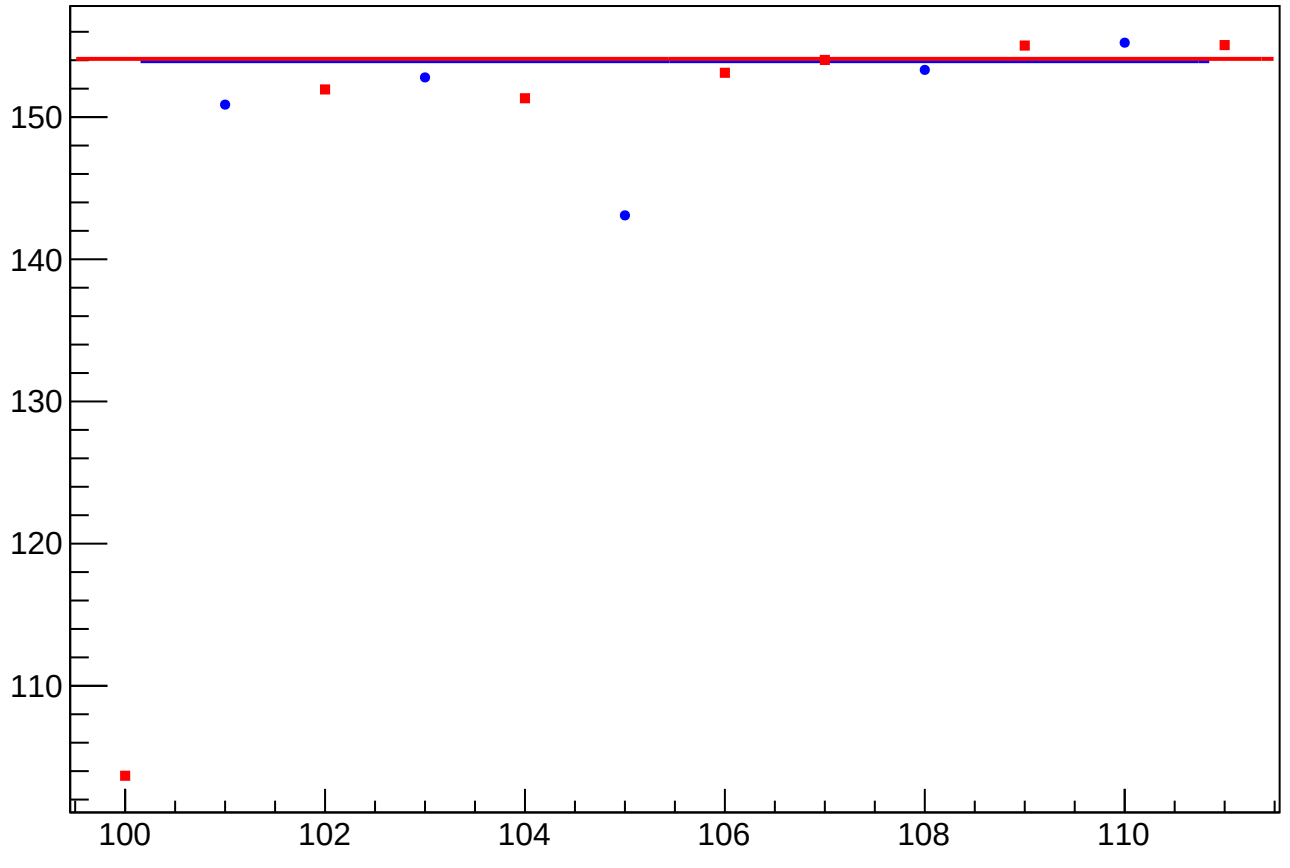
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.387+/-0.000 χ^2/NDF: 855054.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.422+/-0.000 χ^2/NDF: 833018.6/4

0.387+/-0.000 χ^2/NDF: 855054.5/6



Right In: 153.934+/-0.000 χ^2/NDF: 13952271.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

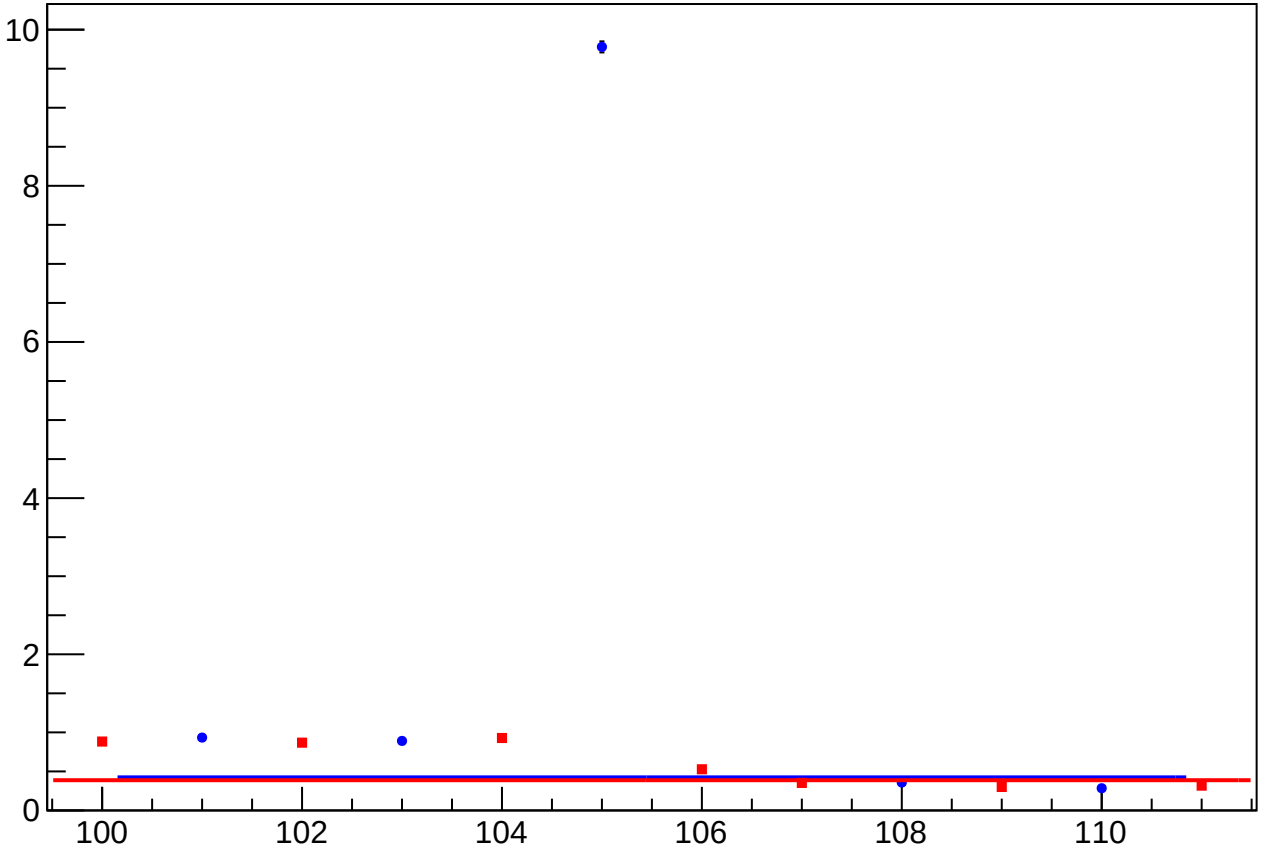
Right Out: 154.095+/-0.000 χ^2/NDF: 244968801.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

153.934+/-0.000 χ^2/NDF: 13952271.5/4

154.095+/-0.000 χ^2/NDF: 244968801.1/6

yield_bcm_an_us_rms vs slug



Right In: 0.424+/-0.000 χ^2/NDF: 824257.6/4

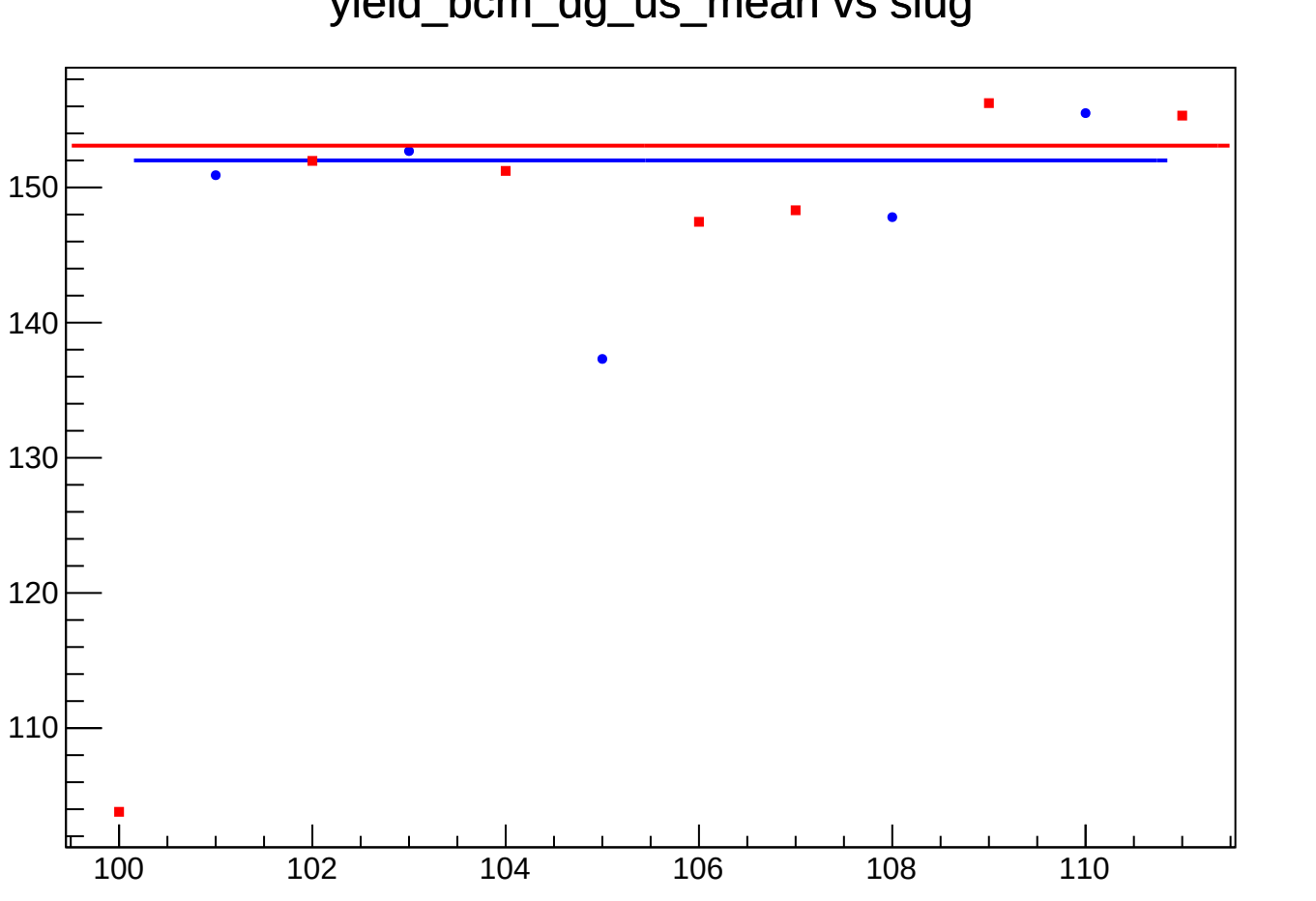
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.387+/-0.000 χ^2/NDF: 848442.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.424+/-0.000 χ^2/NDF: 824257.6/4

0.387+/-0.000 χ^2/NDF: 848442.7/6



Right In: 152.001+/-0.000 χ^2/NDF: 91283825.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

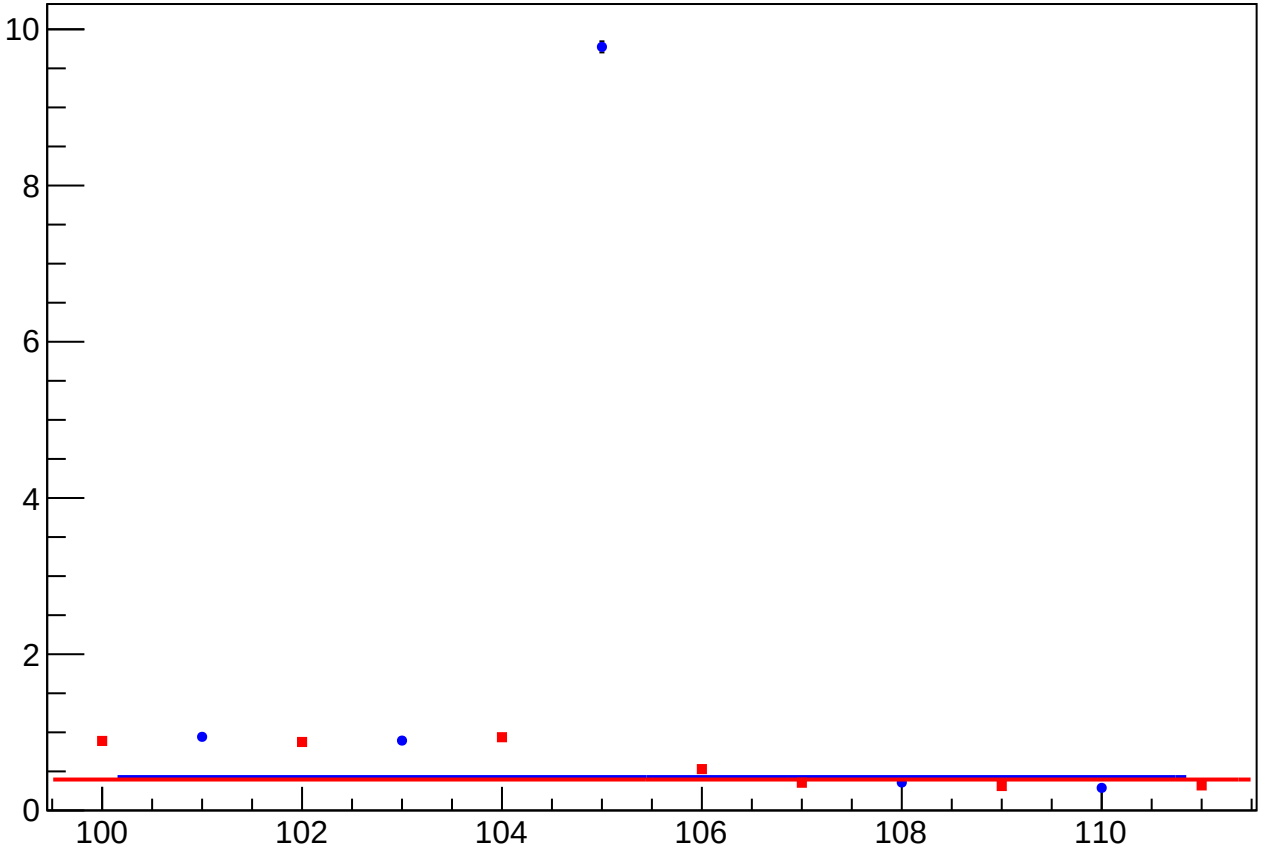
Right Out: 153.094+/-0.000 χ^2/NDF: 370235562.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

152.001+/-0.000 χ^2/NDF: 91283825.9/4

153.094+/-0.000 χ^2/NDF: 370235562.5/6

yield_bcm_dg_us_rms vs slug



Right In: 0.427+/-0.000 χ^2/NDF: 820213.5/4

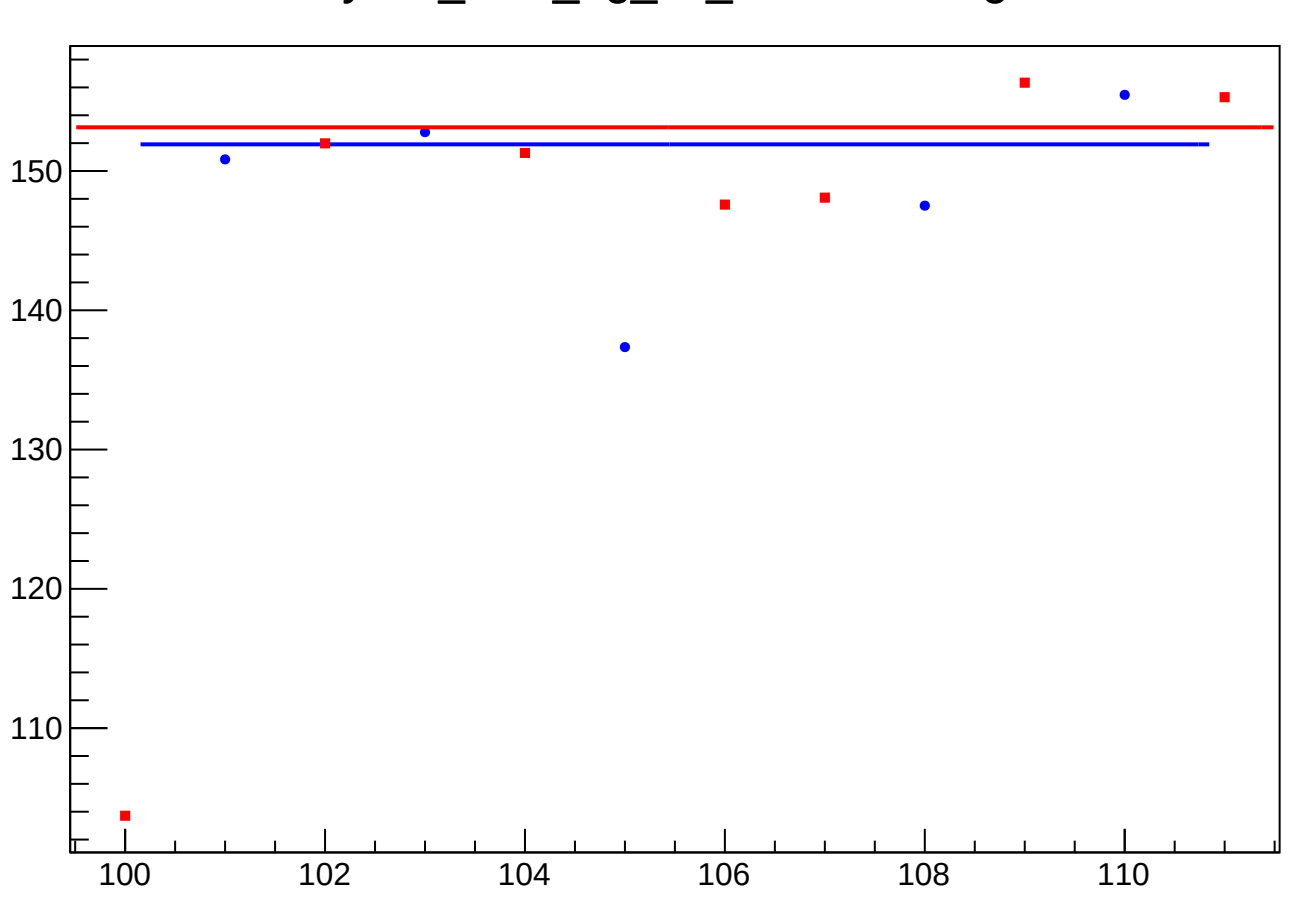
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.396+/-0.000 χ^2/NDF: 828894.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.427+/-0.000 χ^2/NDF: 820213.5/4

0.396+/-0.000 χ^2/NDF: 828894.8/6



Right In: 151.912+/-0.000 χ^2/NDF: 102316033.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

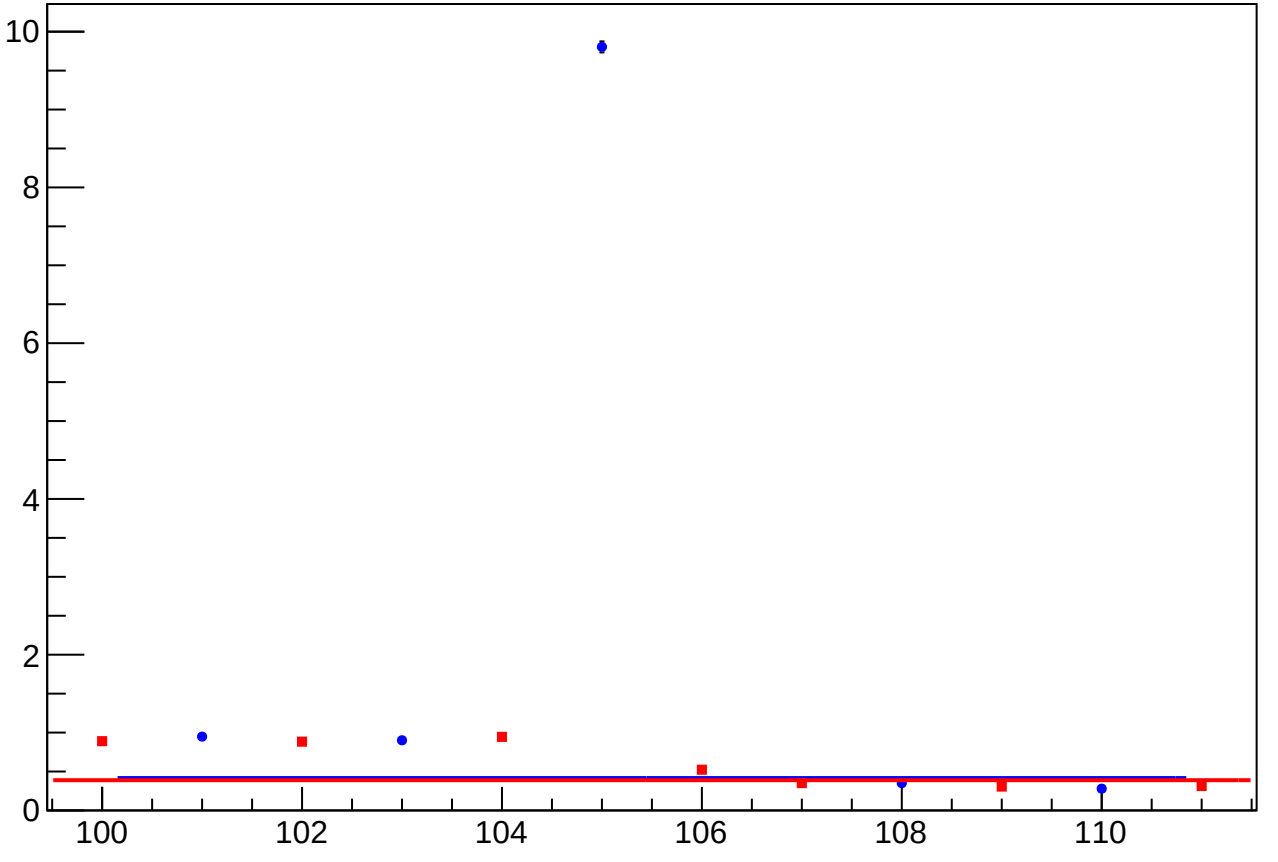
Right Out: 153.137+/-0.000 χ^2/NDF: 382778504.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

151.912+/-0.000 χ^2/NDF: 102316033.4/4

153.137+/-0.000 χ^2/NDF: 382778504.1/6

yield_bcm_dg_ds_rms vs slug



Right In: 0.416+/-0.000 χ^2/NDF: 859630.0/4

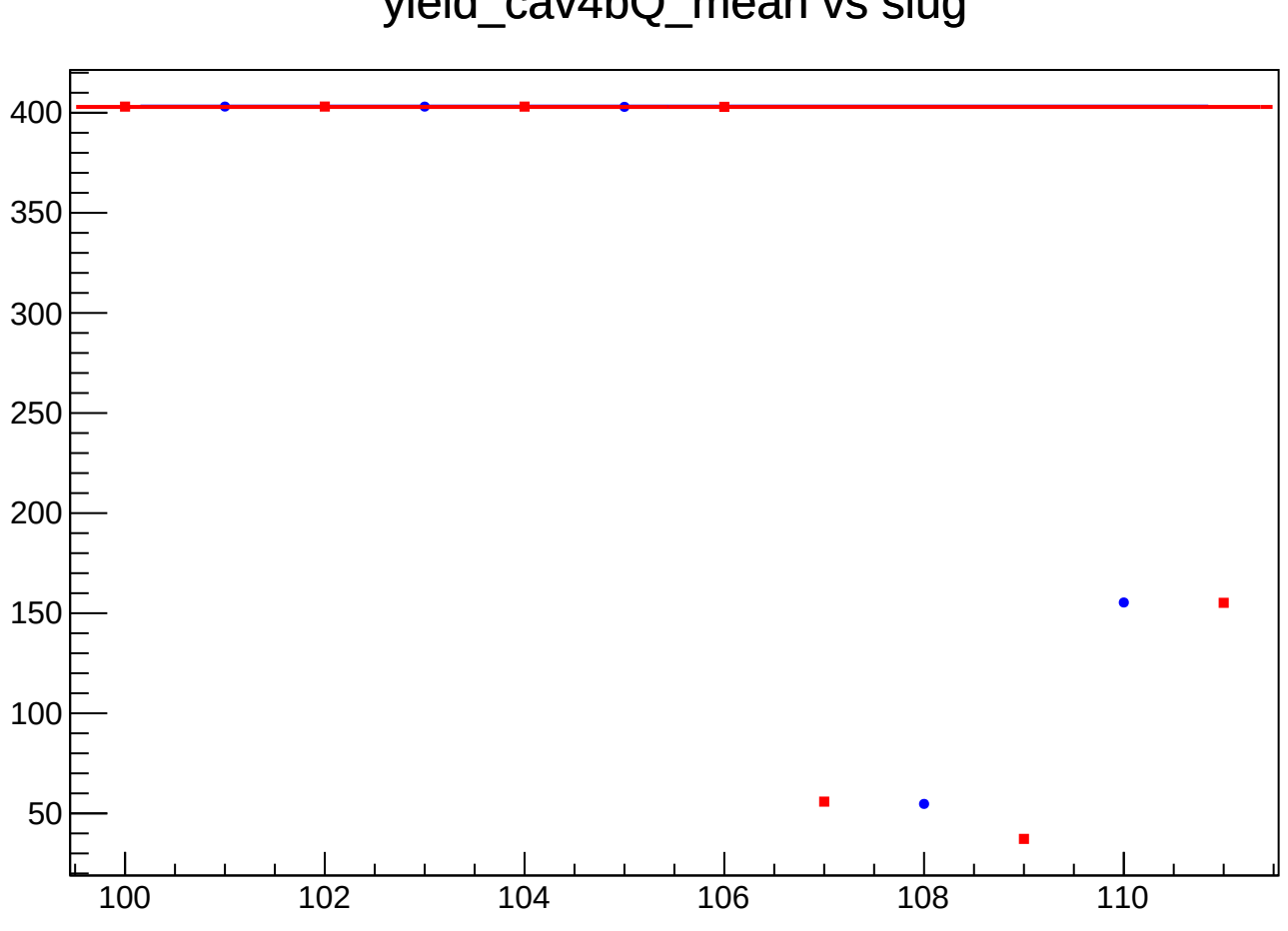
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.388+/-0.000 χ^2/NDF: 858568.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.416+/-0.000 χ^2/NDF: 859630.0/4

0.388+/-0.000 χ^2/NDF: 858568.7/6



Right In: 403.072+/-0.000 χ^2/NDF: 163671126583.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

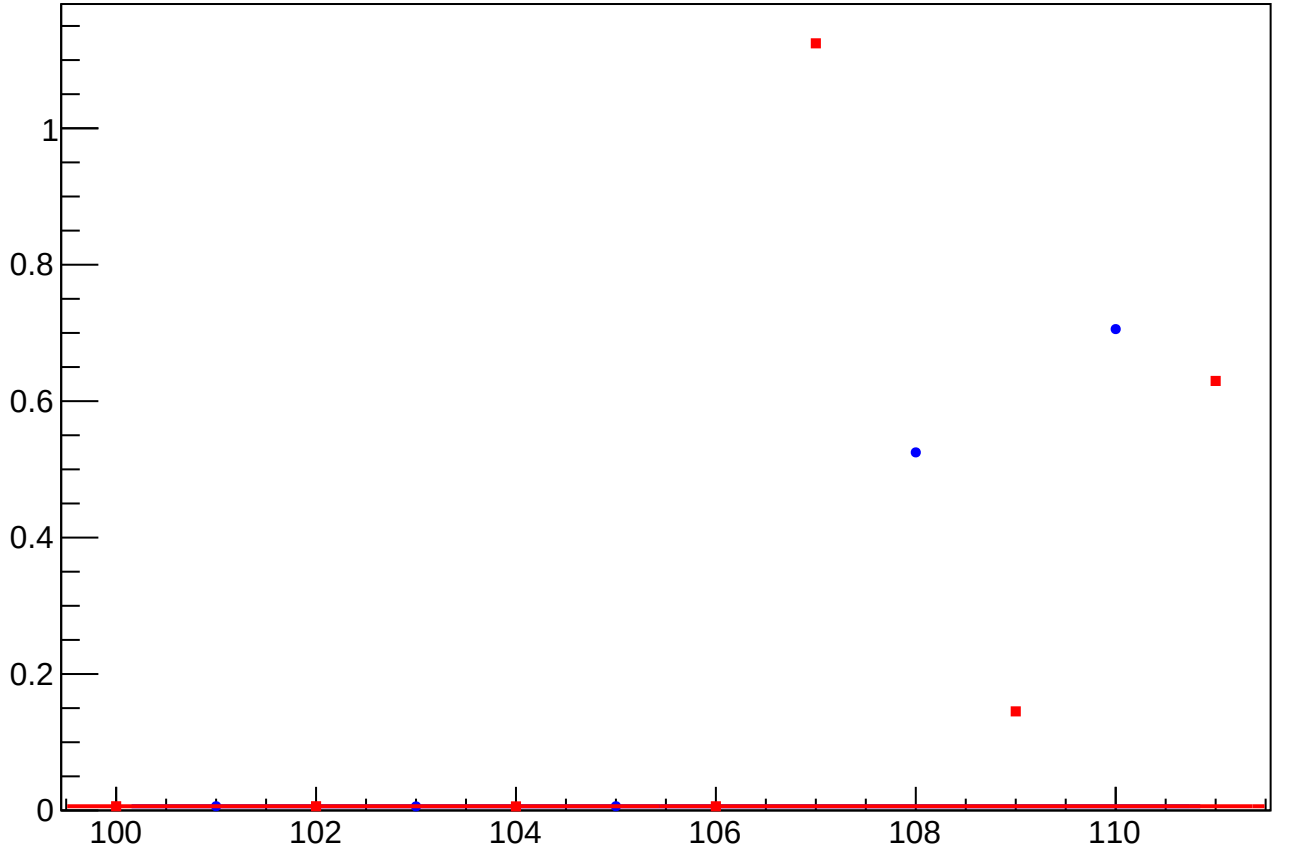
Right Out: 402.901+/-0.000 χ^2/NDF: 2154137005434.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

403.072+/-0.000 χ^2/NDF: 163671126583.7/4

402.901+/-0.000 χ^2/NDF: 2154137005434.4/6

yield_cav4bQ_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF: 1156735.6/4

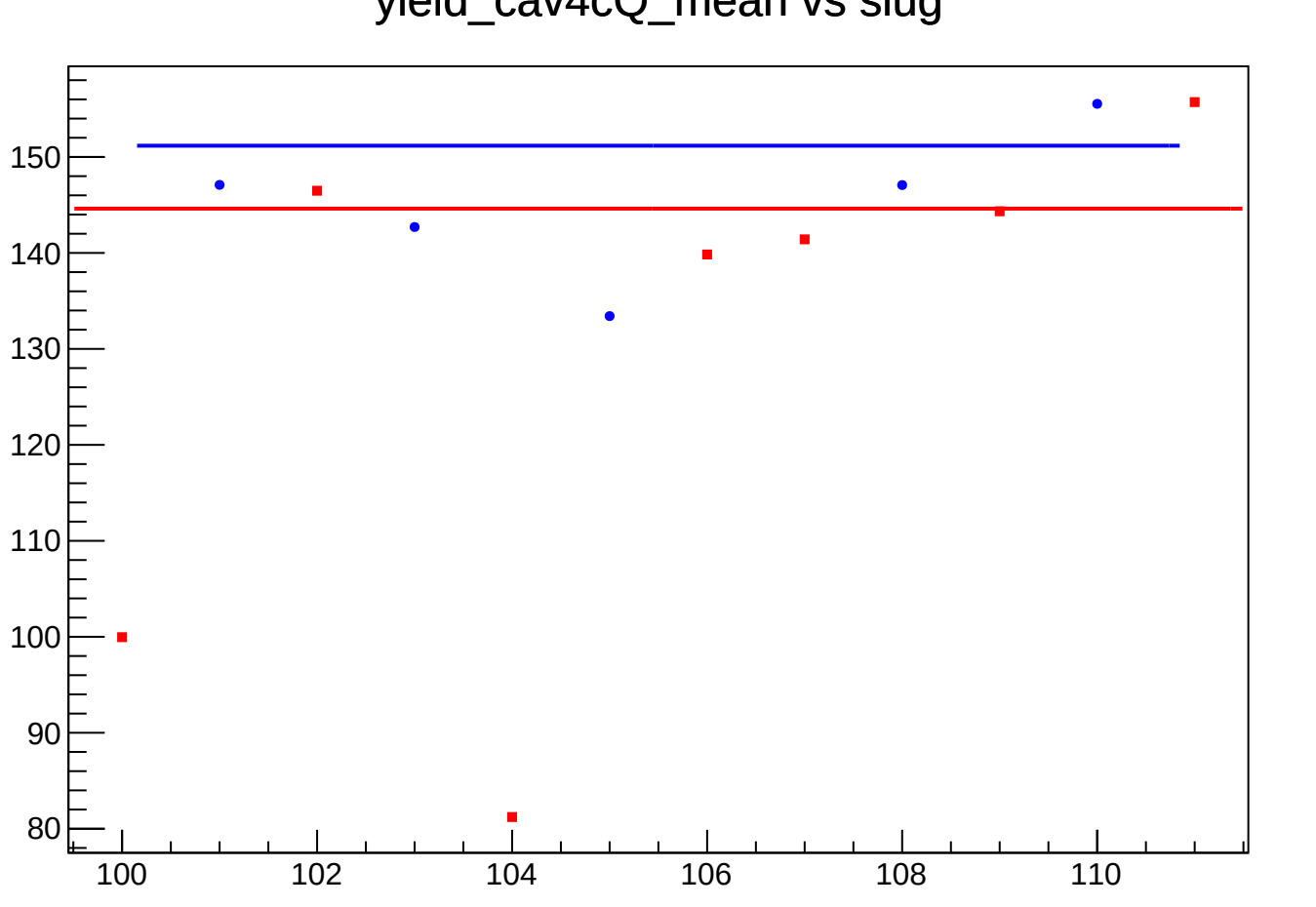
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF: 1866112.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.006+/-0.000 χ^2/NDF: 1156735.6/4

0.006+/-0.000 χ^2/NDF: 1866112.8/6



Right In: 151.173+/-0.002 χ^2/NDF: 6560582.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

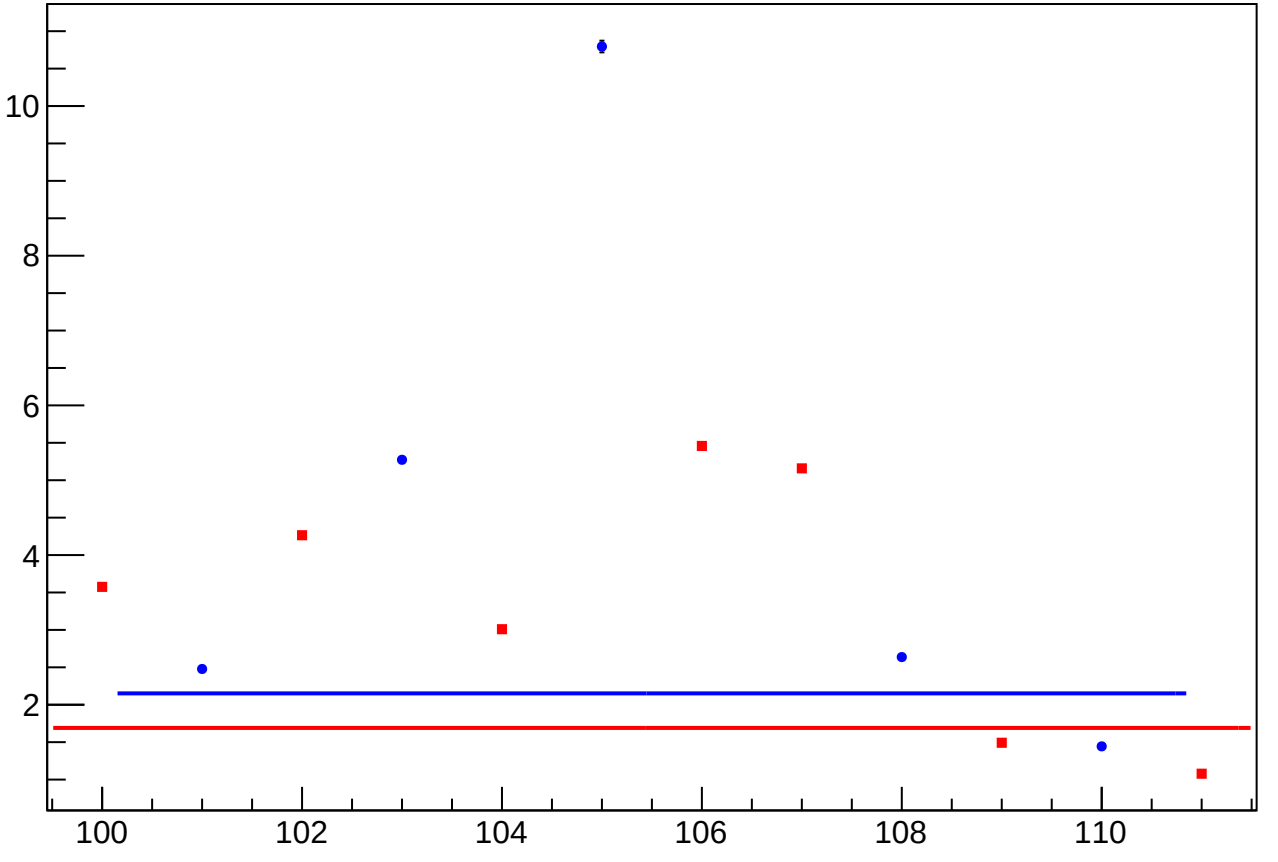
Right Out: 144.617+/-0.001 χ^2/NDF: 240300444.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

151.173+/-0.002 χ^2/NDF: 6560582.5/4

144.617+/-0.001 χ^2/NDF: 240300444.6/6

yield_cav4cQ_rms vs slug



Right In: 2.152+/-0.001 χ^2/NDF: 598067.2/4

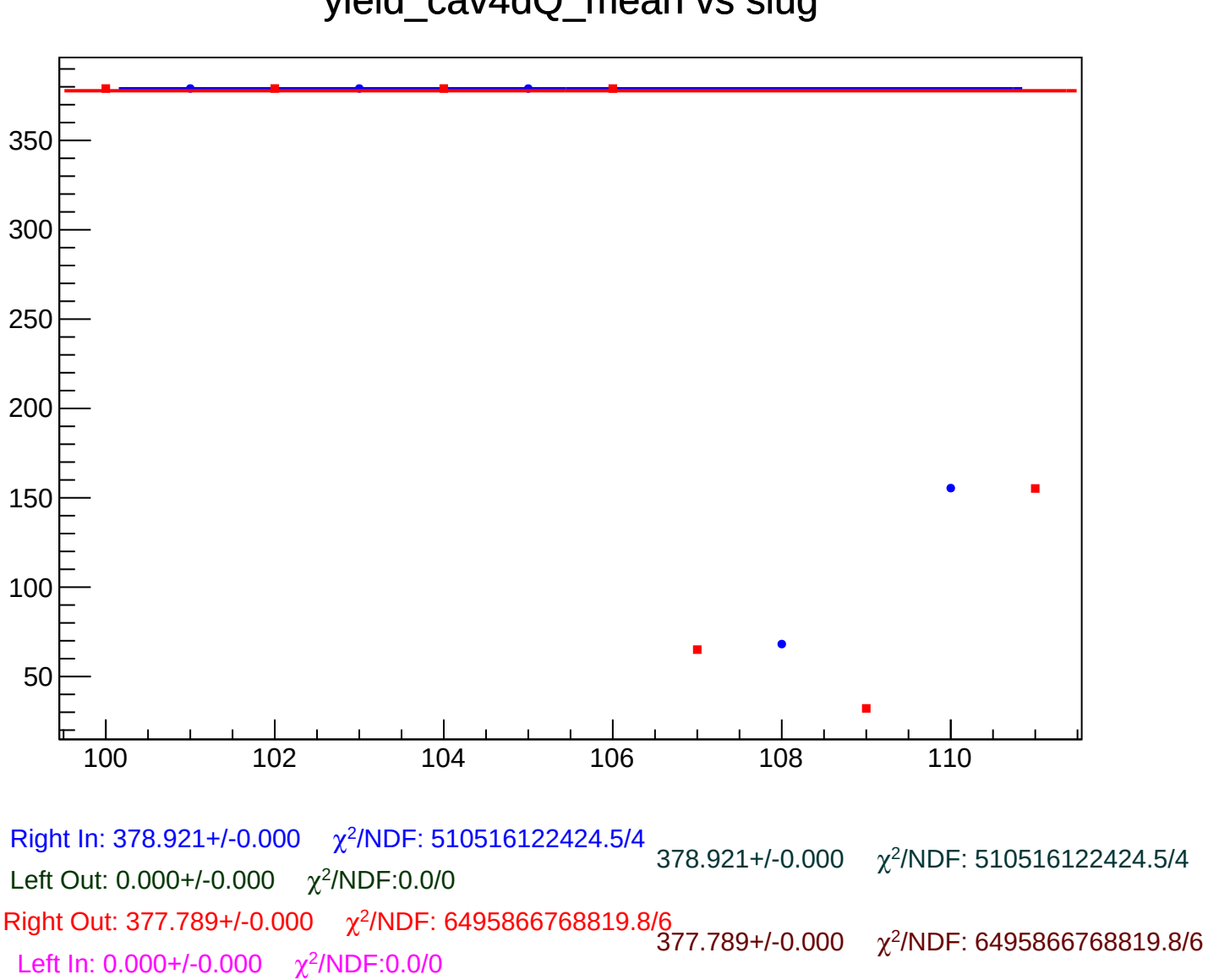
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.690+/-0.001 χ^2/NDF: 1373176.0/6

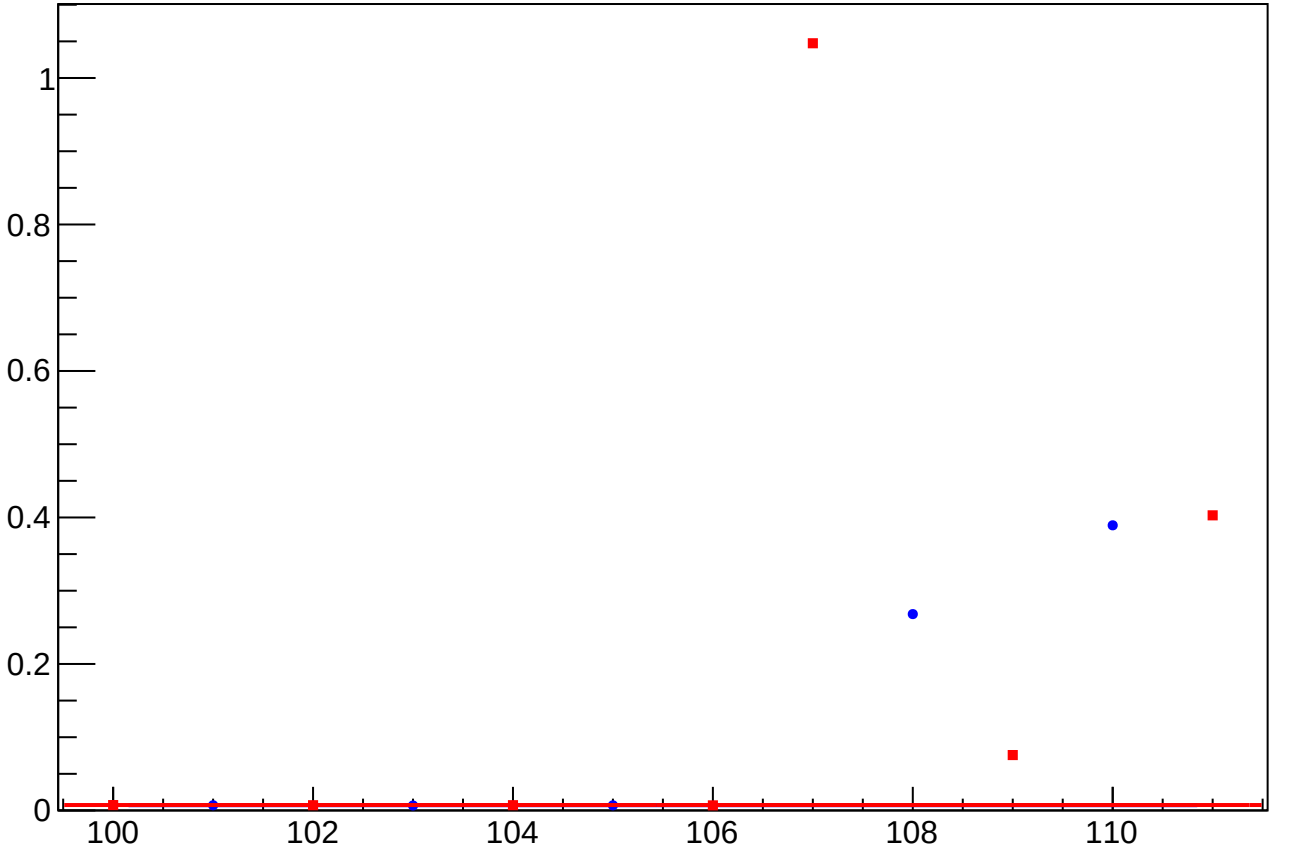
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.152+/-0.001 χ^2/NDF: 598067.2/4

1.690+/-0.001 χ^2/NDF: 1373176.0/6


yield_cav4dQ_mean vs slug
350
300
250
200
150
100
50
100
102
104
106
108
110
Right In: 378.921+/-0.000 χ²/NDF: 510516122424.5/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 377.789+/-0.000 χ²/NDF: 6495866768819.8/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
378.921+/-0.000 χ²/NDF: 510516122424.5/4
377.789+/-0.000 χ²/NDF: 6495866768819.8/6

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF: 1166355.6/4

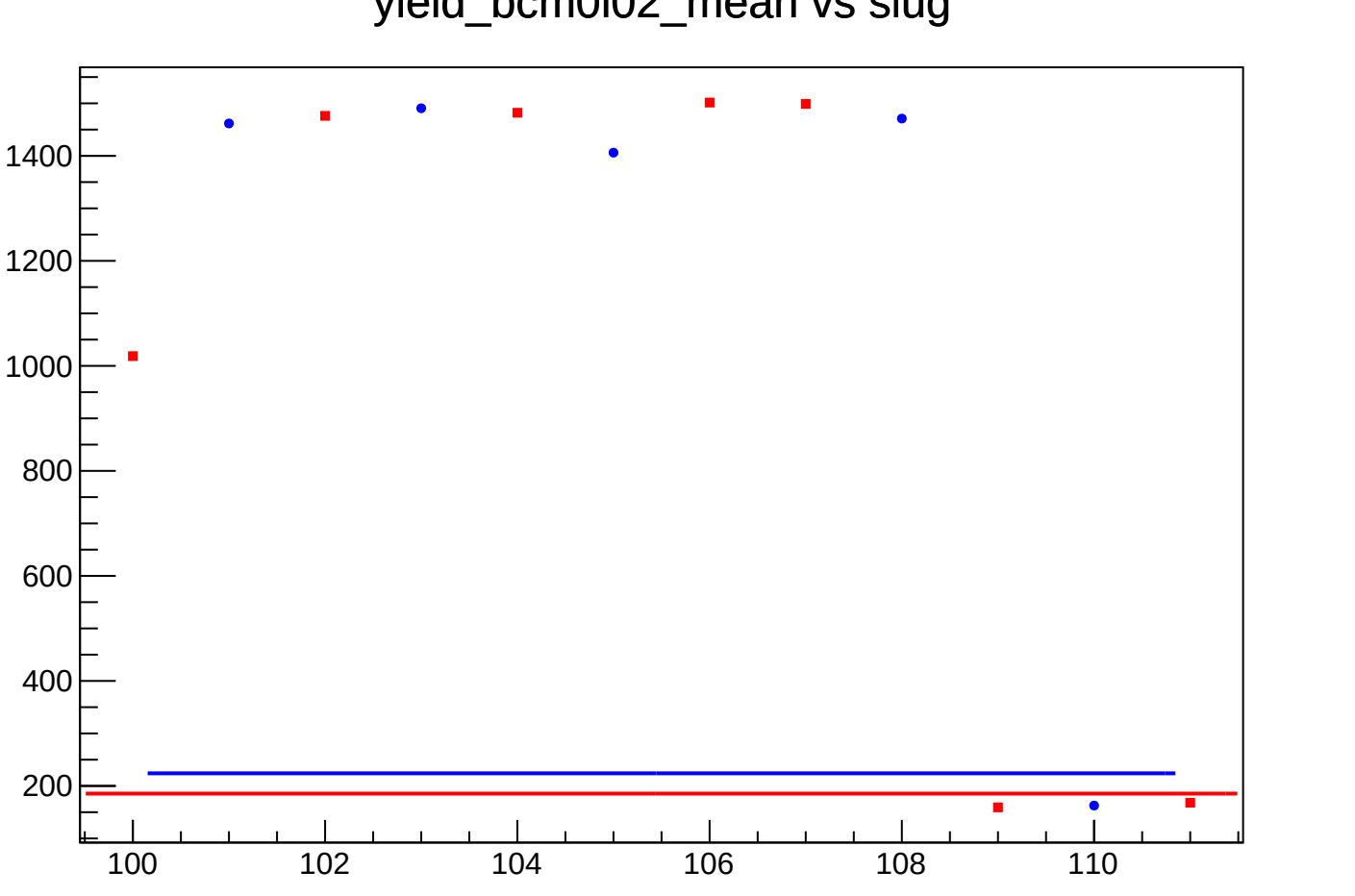
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF: 1788224.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.007+/-0.000 χ^2/NDF: 1166355.6/4

0.007+/-0.000 χ^2/NDF: 1788224.9/6



Right In: 224.013+/-0.002 χ^2/NDF: 22263380968.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

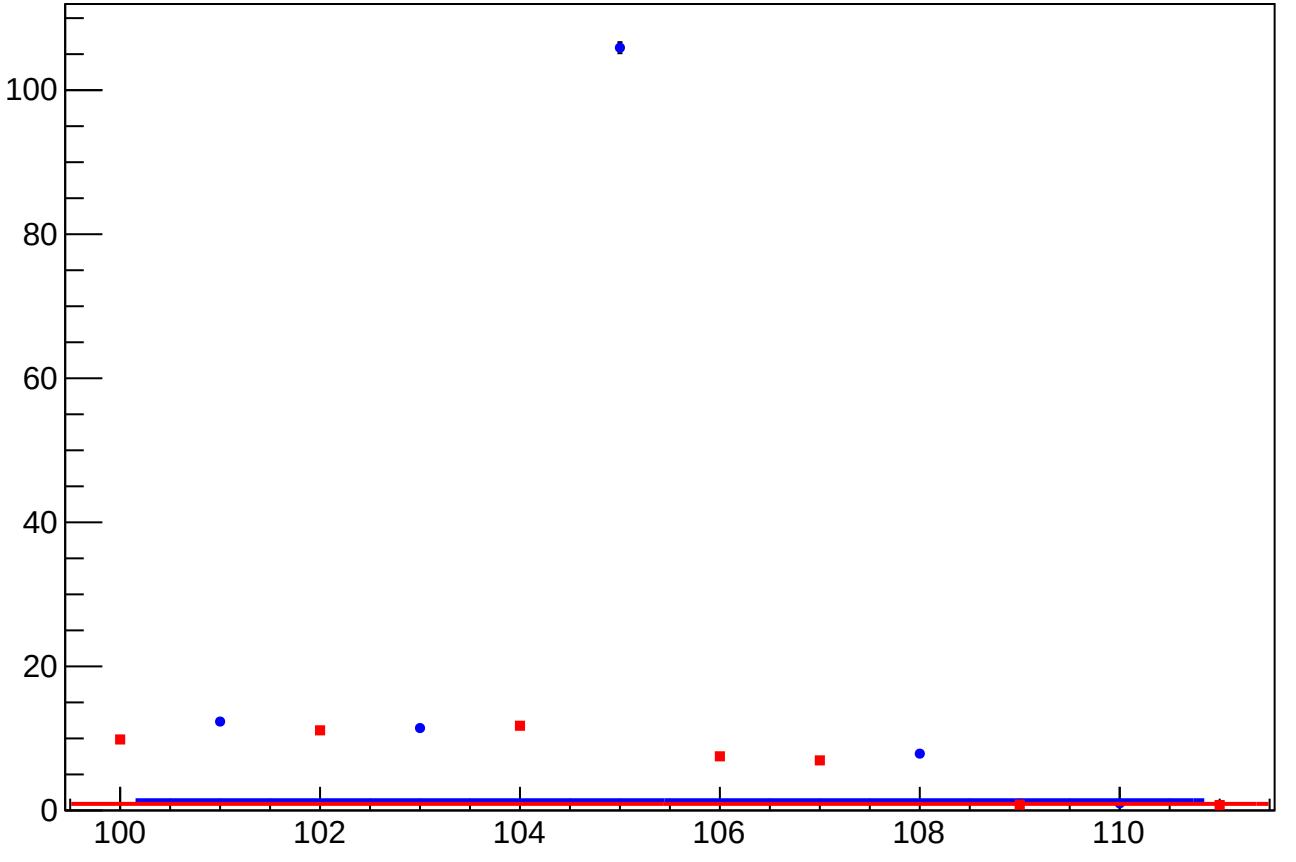
Right Out: 185.422+/-0.001 χ^2/NDF: 31890241005.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

224.013+/-0.002 χ^2/NDF: 22263380968.9/4

185.422+/-0.001 χ^2/NDF: 31890241005.5/6

yield_bcm0l02_rms vs slug



Right In: 1.417+/-0.001 χ^2/NDF: 2315901.4/4

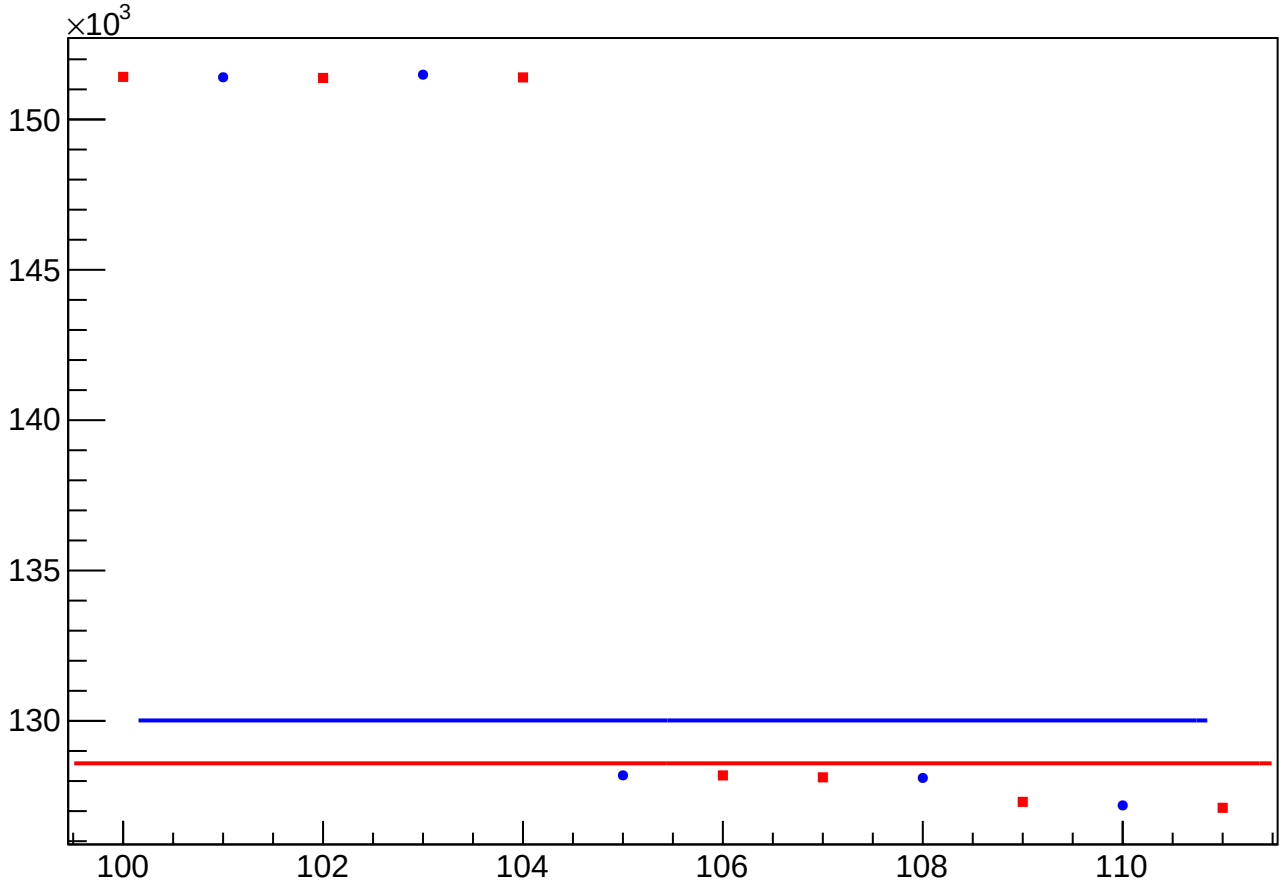
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.914+/-0.001 χ^2/NDF: 2649172.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.417+/-0.001 χ^2/NDF: 2315901.4/4

0.914+/-0.001 χ^2/NDF: 2649172.1/6



Right In: 130014.951+/-0.119 χ^2/NDF: 3750769881.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

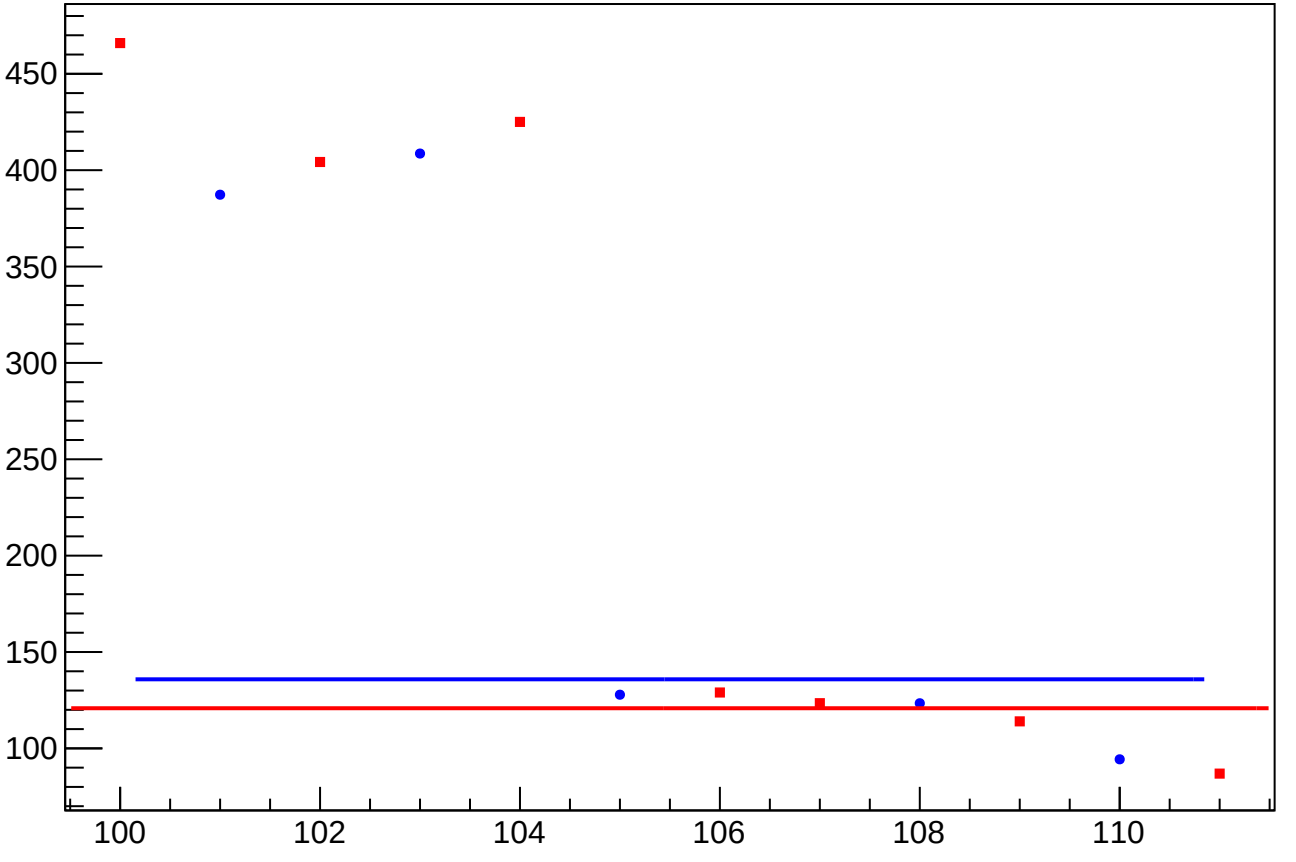
Right Out: 128588.452+/-0.085 χ^2/NDF: 3506383144.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

130014.951+/-0.119 χ^2/NDF: 3750769881.2/4

128588.452+/-0.085 χ^2/NDF: 3506383144.3/6

yield_bpm2i01WS_rms vs slug



Right In: 135.835+/-0.084 χ^2/NDF: 1139424.6/4

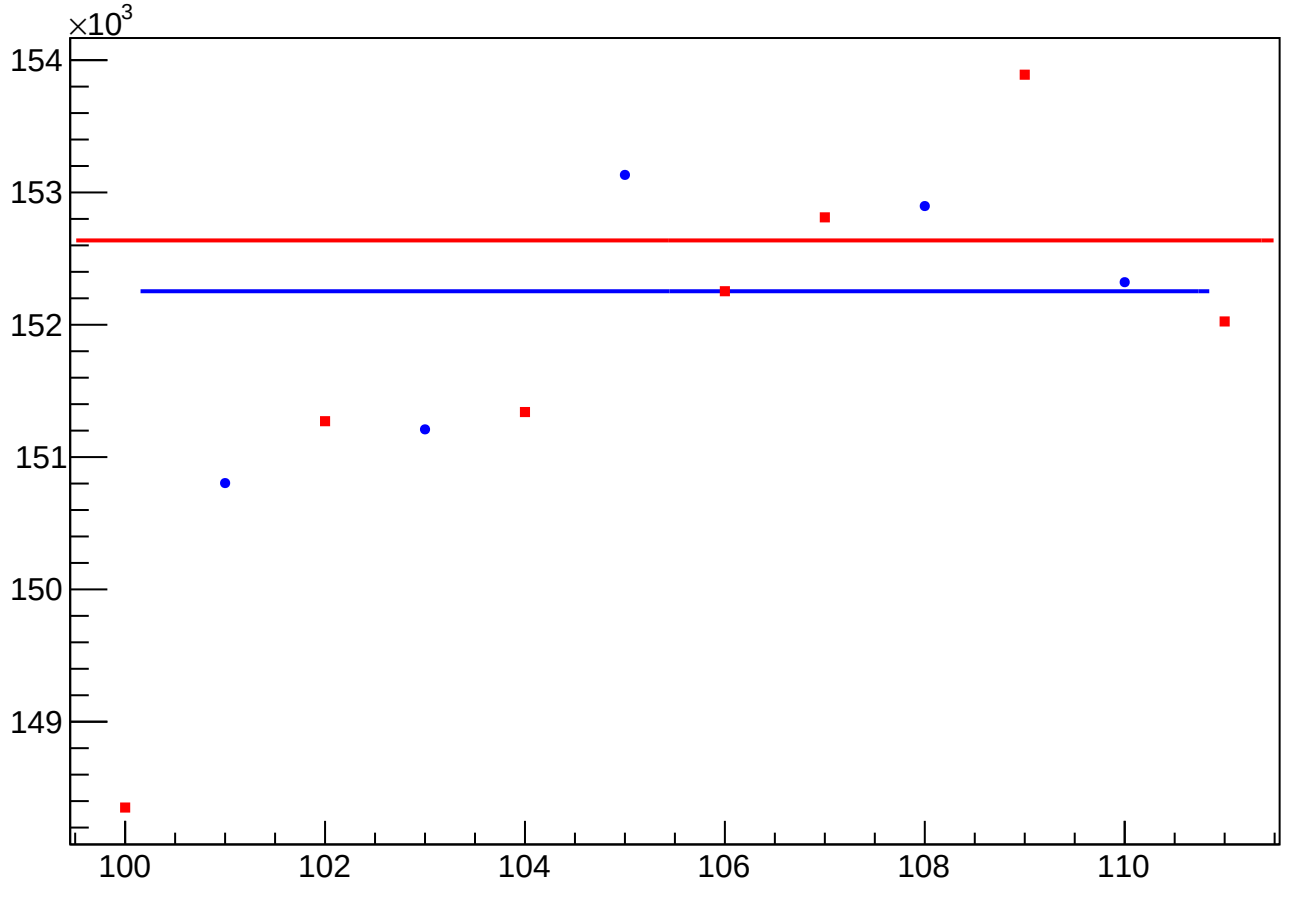
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 120.825+/-0.060 χ^2/NDF: 1248227.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

135.835+/-0.084 χ^2/NDF: 1139424.6/4

120.825+/-0.060 χ^2/NDF: 1248227.4/6



Right In: 152253.383+/-0.154 χ^2/NDF: 18669313.2/4

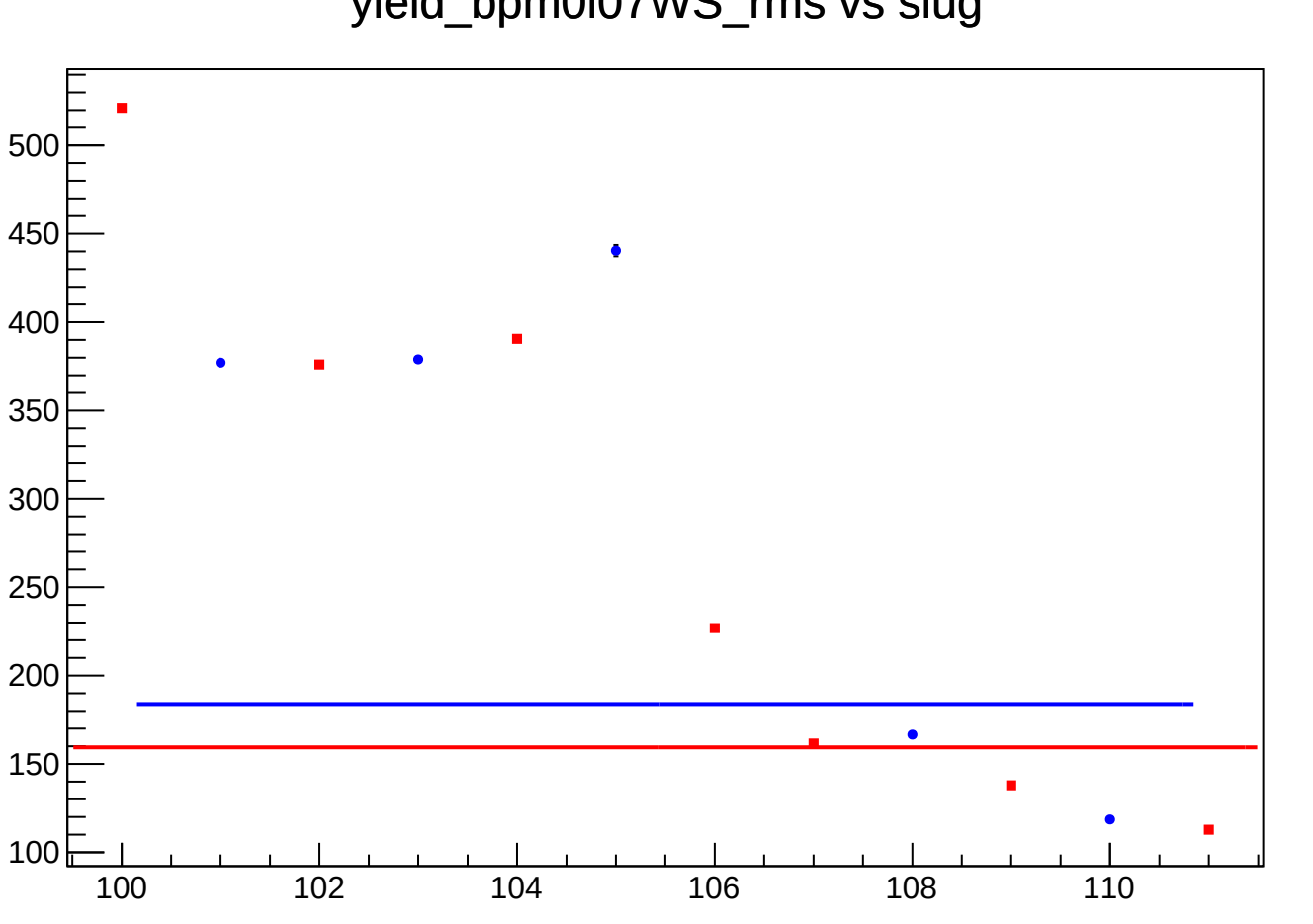
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 152637.435+/-0.111 χ^2/NDF: 67951463.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

152253.383+/-0.154 χ^2/NDF: 18669313.2/4

152637.435+/-0.111 χ^2/NDF: 67951463.0/6



Right In: 183.900+/-0.109 χ^2/NDF: 798534.0/4

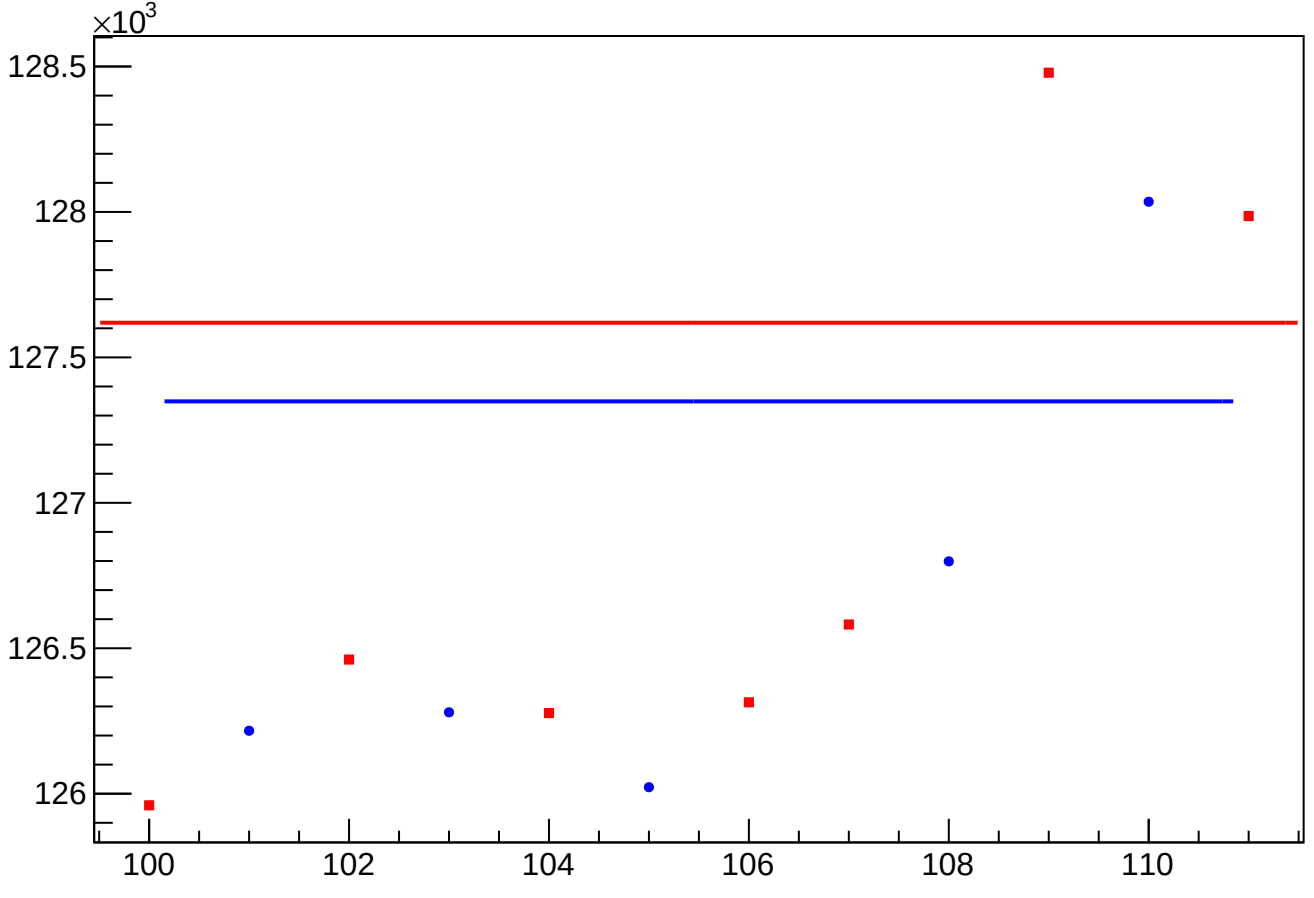
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 159.397+/-0.078 χ^2/NDF: 979966.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

183.900+/-0.109 χ^2/NDF: 798534.0/4

159.397+/-0.078 χ^2/NDF: 979966.9/6



Right In: 127348.828+/-0.128 χ^2/NDF: 35351902.2/4

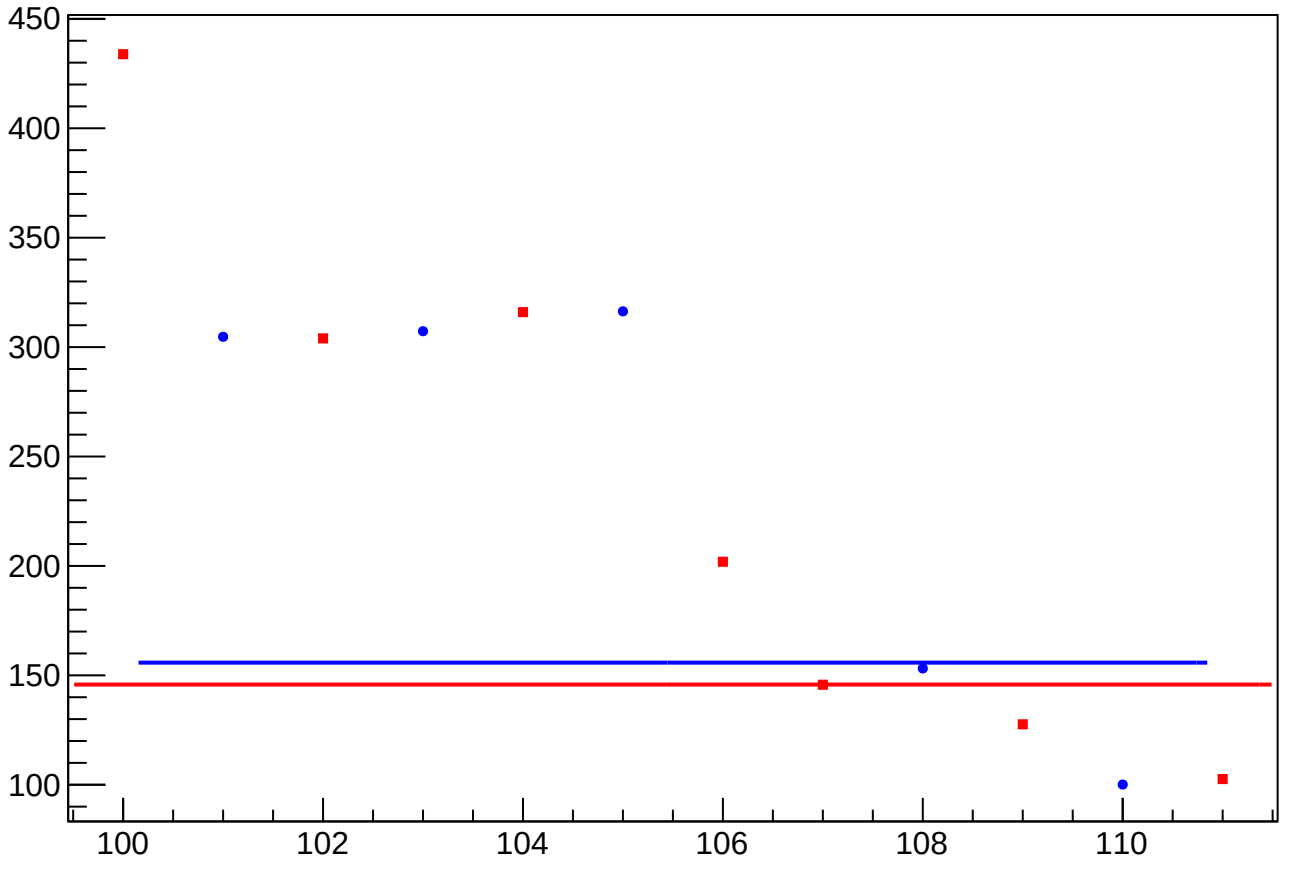
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 127619.239+/-0.099 χ^2/NDF: 73450423.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

127348.828+/-0.128 χ^2/NDF: 35351902.2/4

127619.239+/-0.099 χ^2/NDF: 73450423.1/6



Right In: 155.802+/-0.090 χ^2/NDF: 763410.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

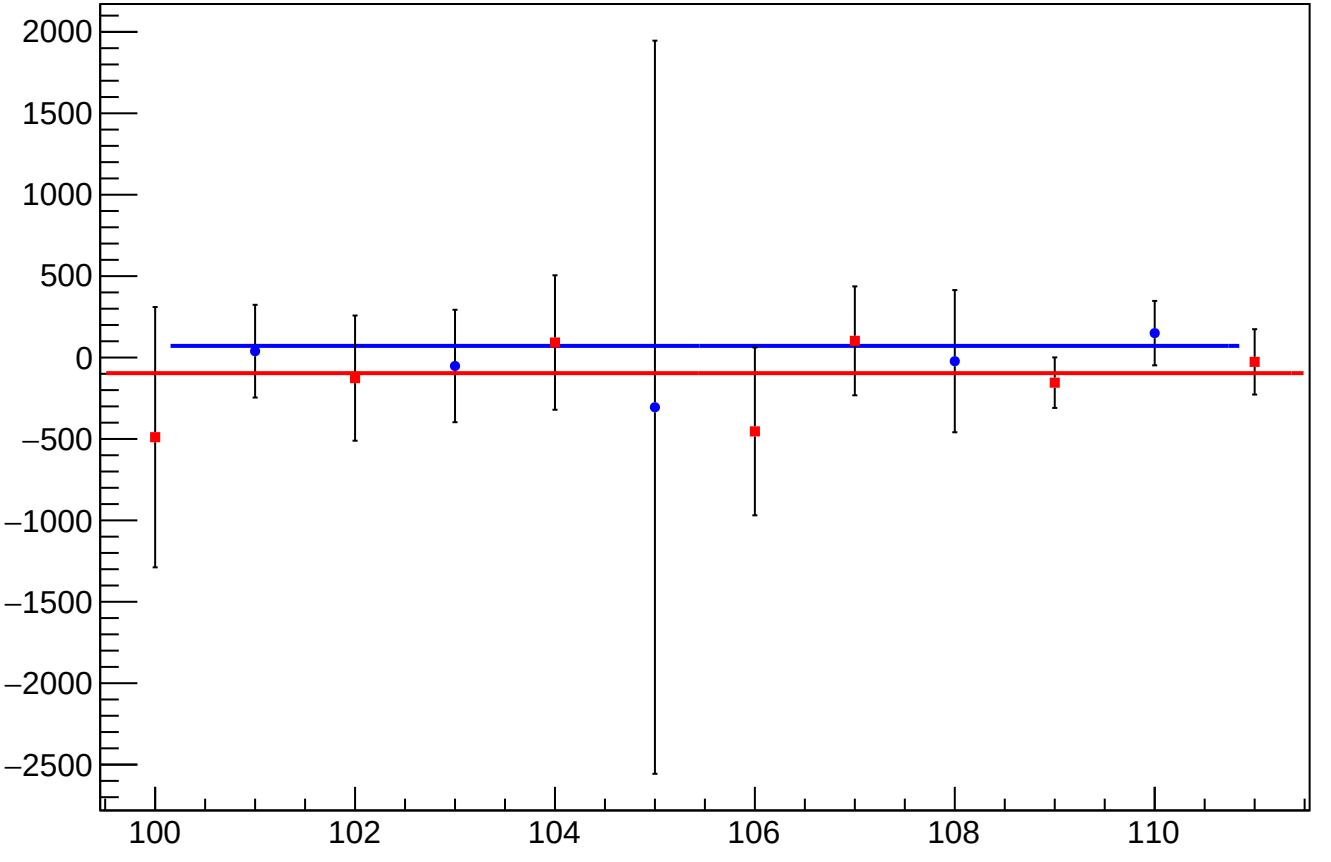
Right Out: 145.783+/-0.070 χ^2/NDF: 848382.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

155.802+/-0.090 χ^2/NDF: 763410.8/4

145.783+/-0.070 χ^2/NDF: 848382.0/6

asym_bcm_an_ds_mean vs slug



Right In: 71.623+/-139.038 χ^2/NDF: 0.4/4

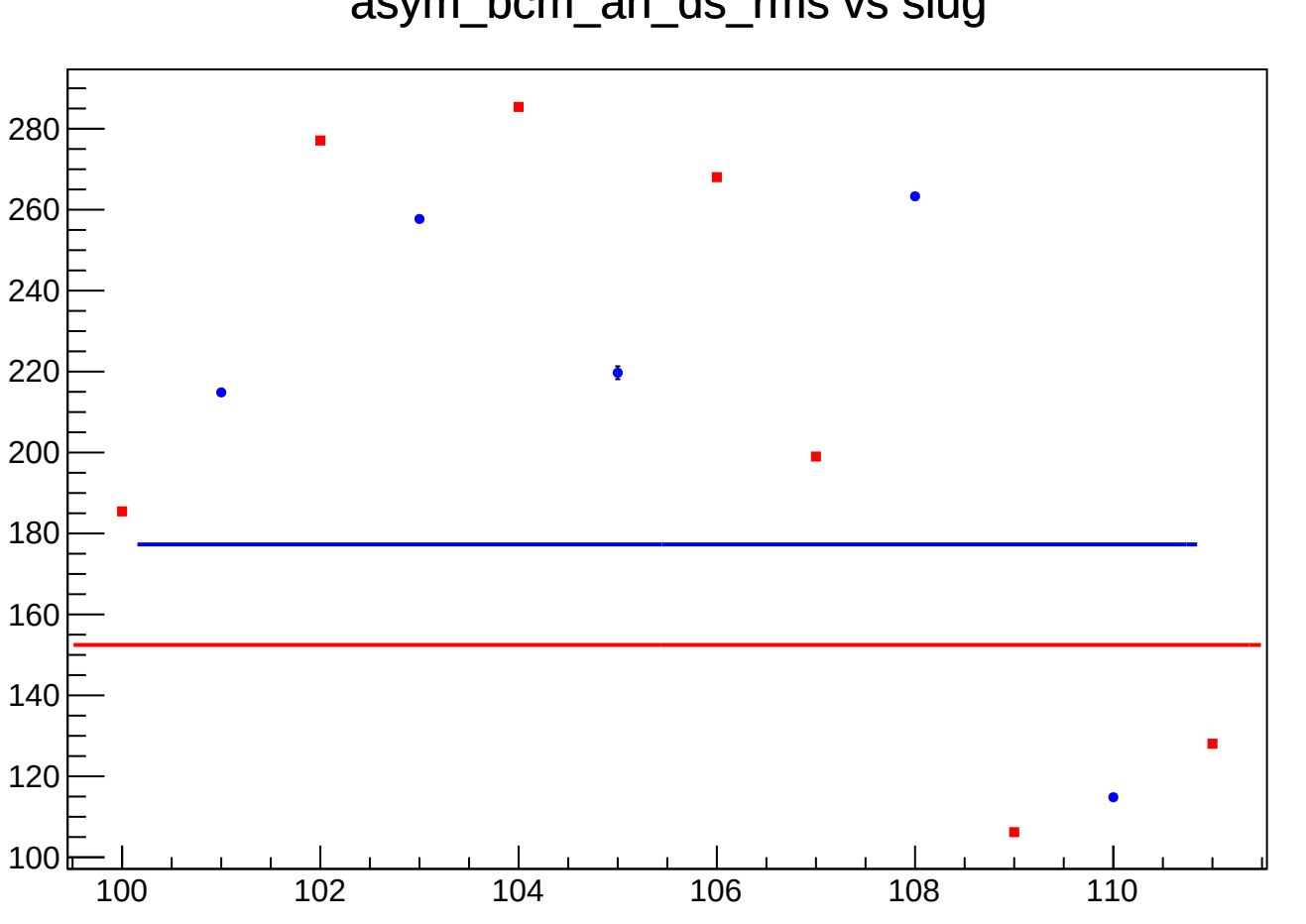
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -95.805+/-103.562 χ^2/NDF: 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

71.623+/-139.038 χ^2/NDF: 0.4/4

-95.805+/-103.562 χ^2/NDF: 1.6/6



Right In: 177.299+/-0.098 χ^2/NDF: 421185.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

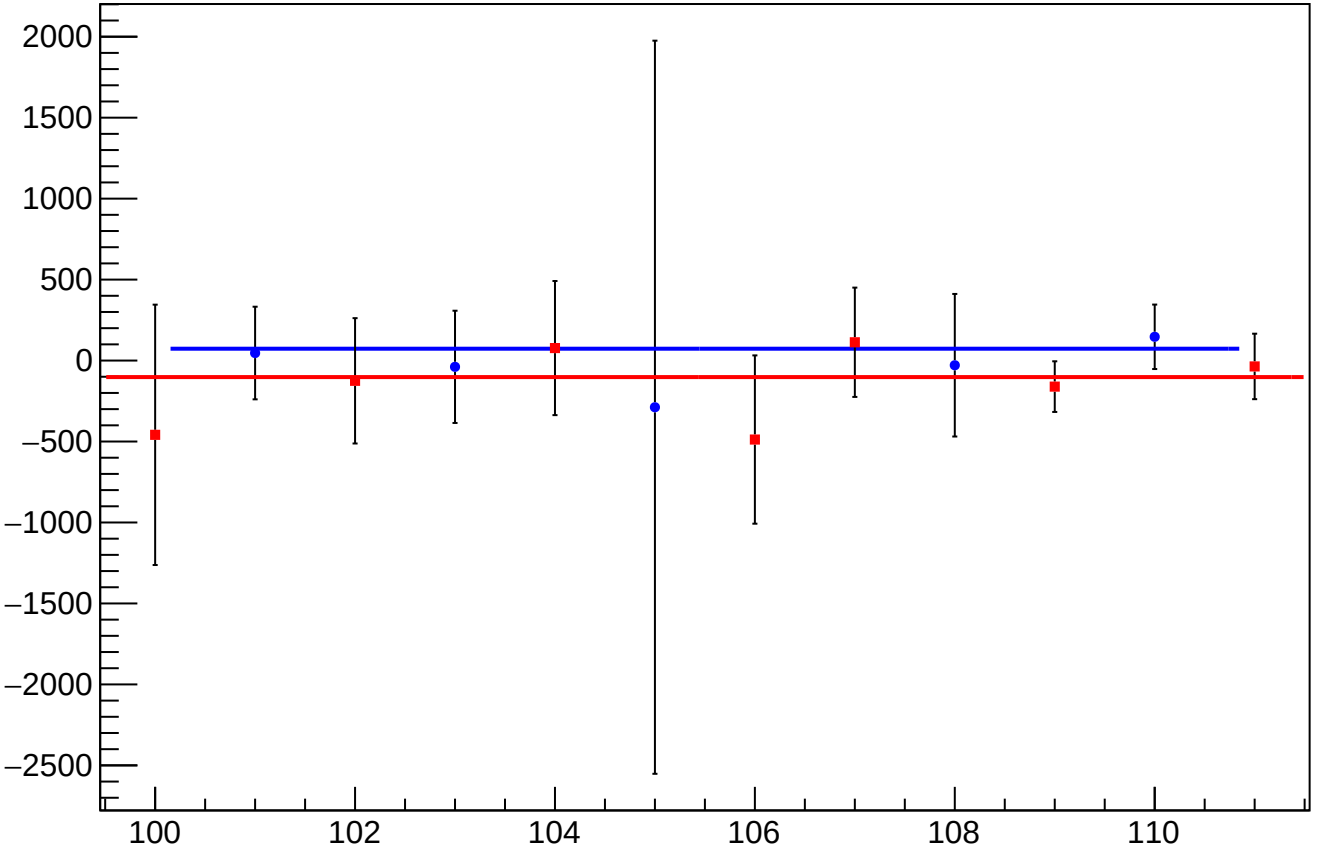
Right Out: 152.459+/-0.073 χ^2/NDF: 767415.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

177.299+/-0.098 χ^2/NDF: 421185.0/4

152.459+/-0.073 χ^2/NDF: 767415.3/6

asym_bcm_an_ds3_mean vs slug



Right In: 73.203+/-139.825 χ^2/NDF: 0.3/4

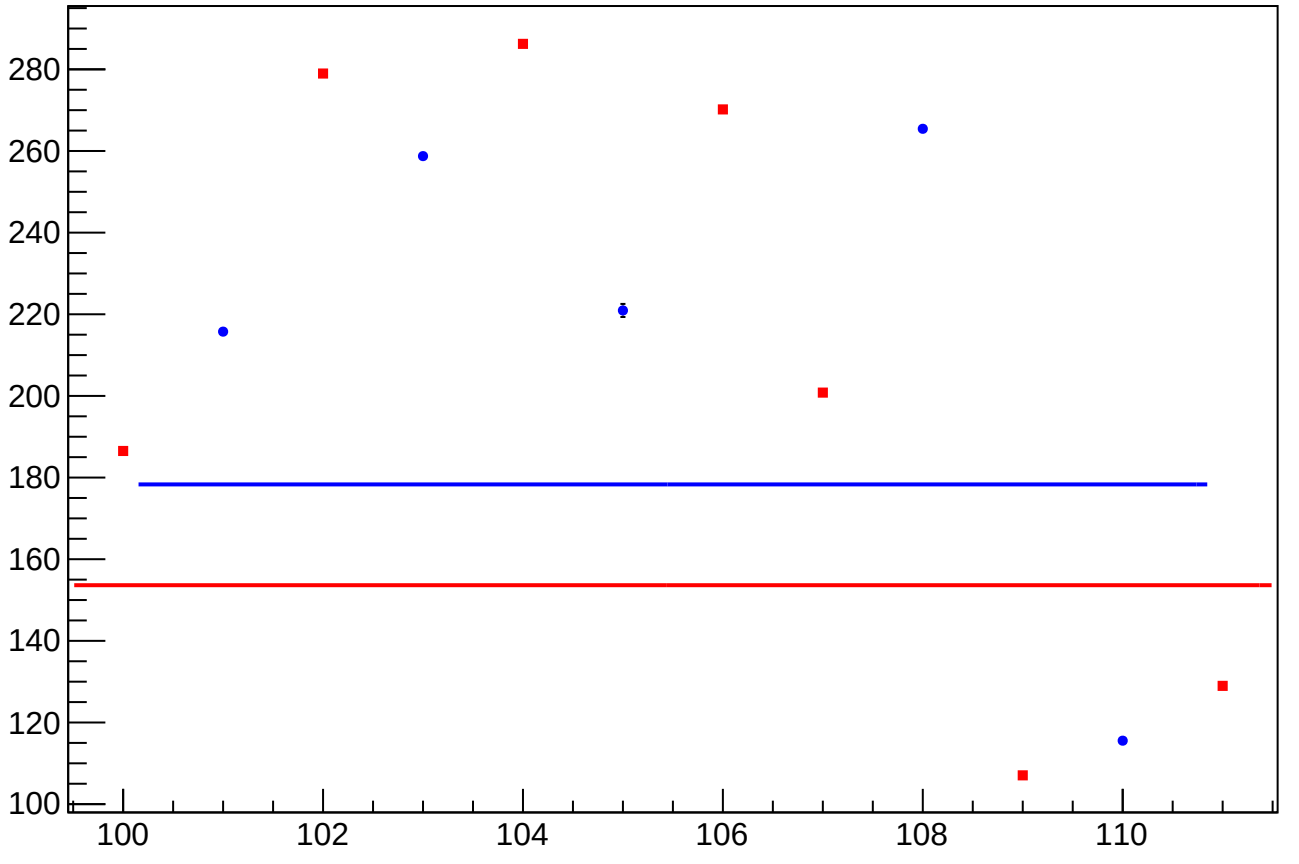
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -102.040+/-104.335 χ^2/NDF: 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

73.203+/-139.825 χ^2/NDF: 0.3/4

-102.040+/-104.335 χ^2/NDF: 1.6/6



Right In: 178.323+/-0.099 χ^2/NDF: 419918.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

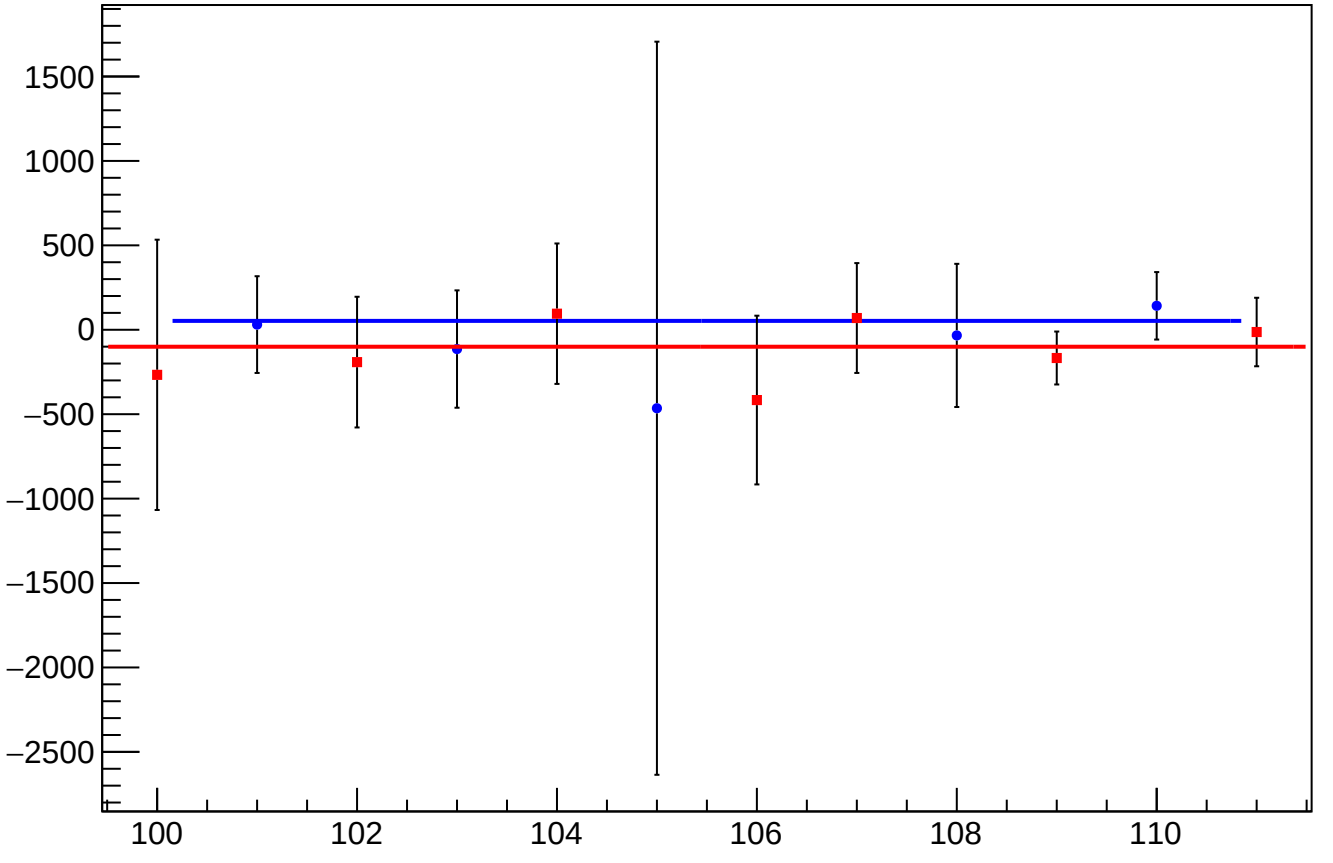
Right Out: 153.633+/-0.074 χ^2/NDF: 764892.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

178.323+/-0.099 χ^2/NDF: 419918.6/4

153.633+/-0.074 χ^2/NDF: 764892.1/6

asym_bcm_an_us_mean vs slug



Right In: 52.587+/-139.640 χ^2/NDF: 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

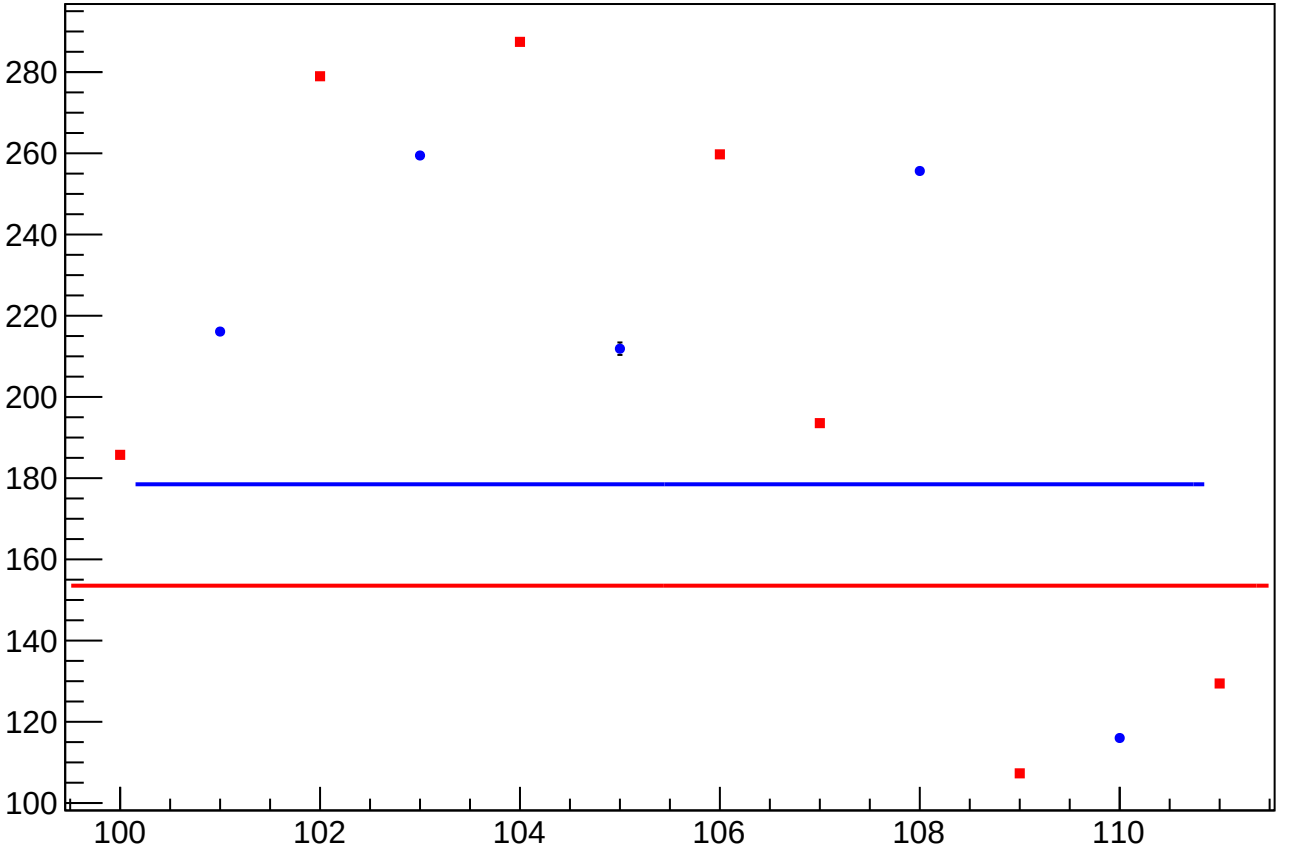
Right Out: -100.418+/-104.000 χ^2/NDF: 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

52.587+/-139.640 χ^2/NDF: 0.5/4

-100.418+/-104.000 χ^2/NDF: 1.4/6

asym_bcm_an_us_rms vs slug



Right In: 178.493+/-0.099 χ^2/NDF: 405279.9/4

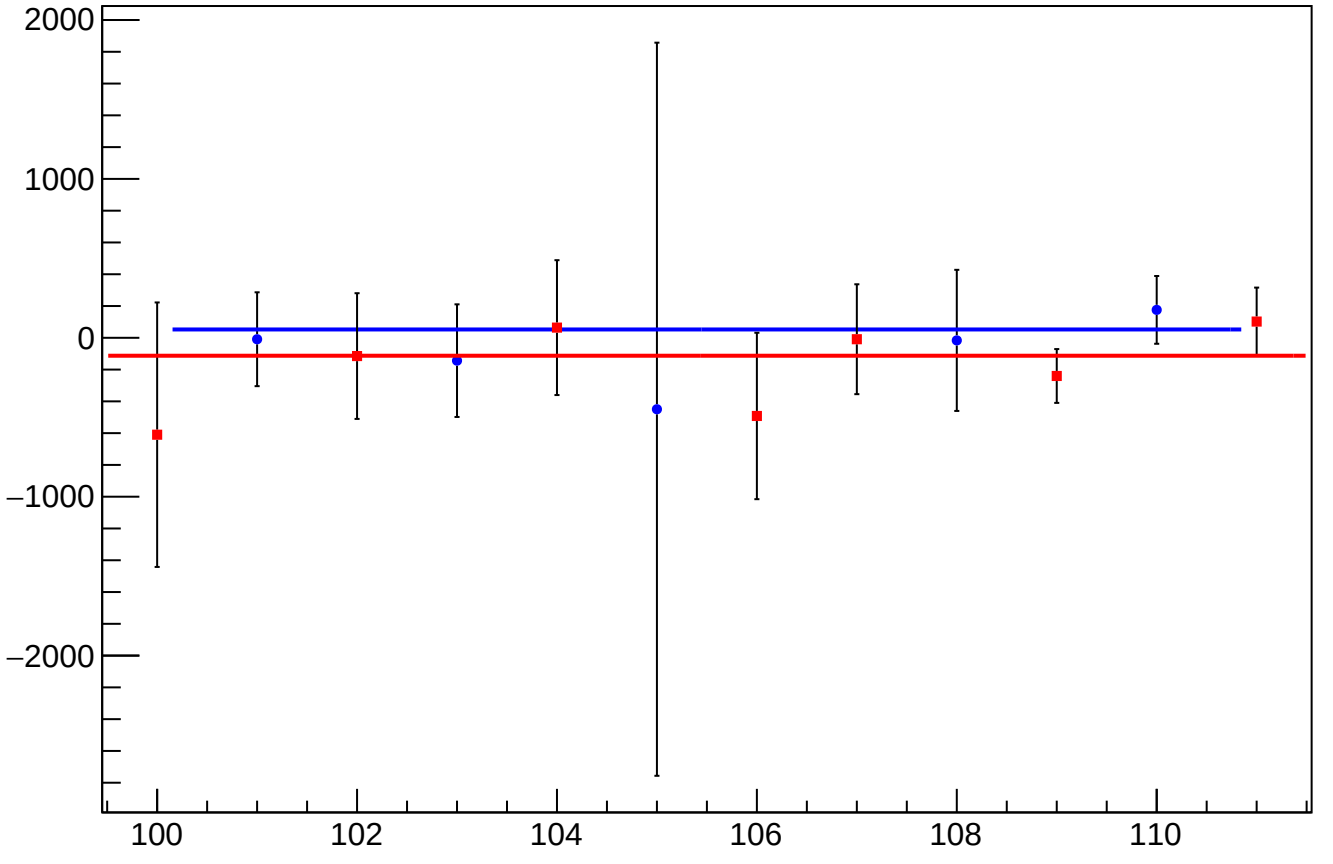
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 153.524+/-0.074 χ^2/NDF: 743436.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

178.493+/-0.099 χ^2/NDF: 405279.9/4

153.524+/-0.074 χ^2/NDF: 743436.7/6



Right In: 52.461+/-146.365 χ^2/NDF: 0.8/4

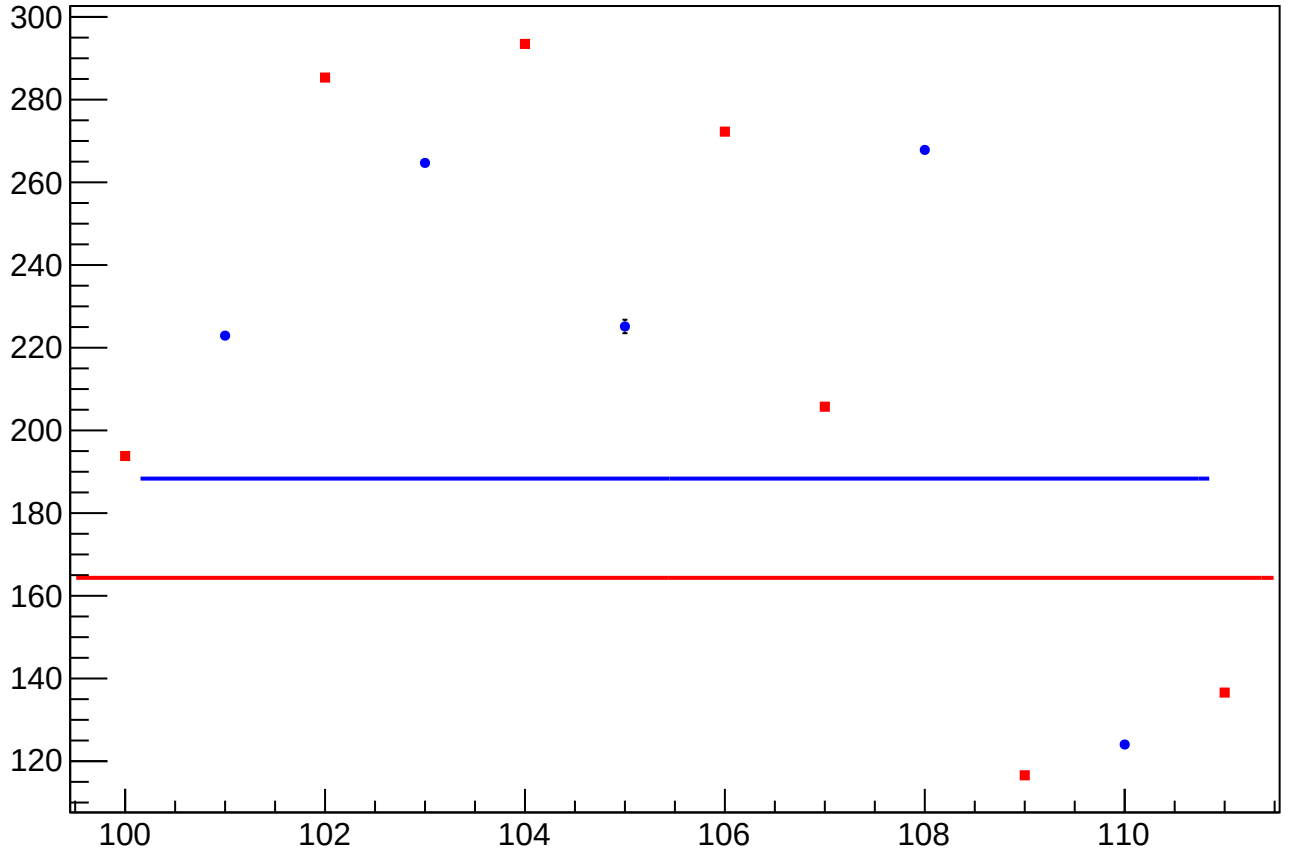
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -112.835+/-110.333 χ^2/NDF: 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

52.461+/-146.365 χ^2/NDF: 0.8/4

-112.835+/-110.333 χ^2/NDF: 2.7/6



Right In: 188.348+/-0.103 χ^2/NDF: 366749.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

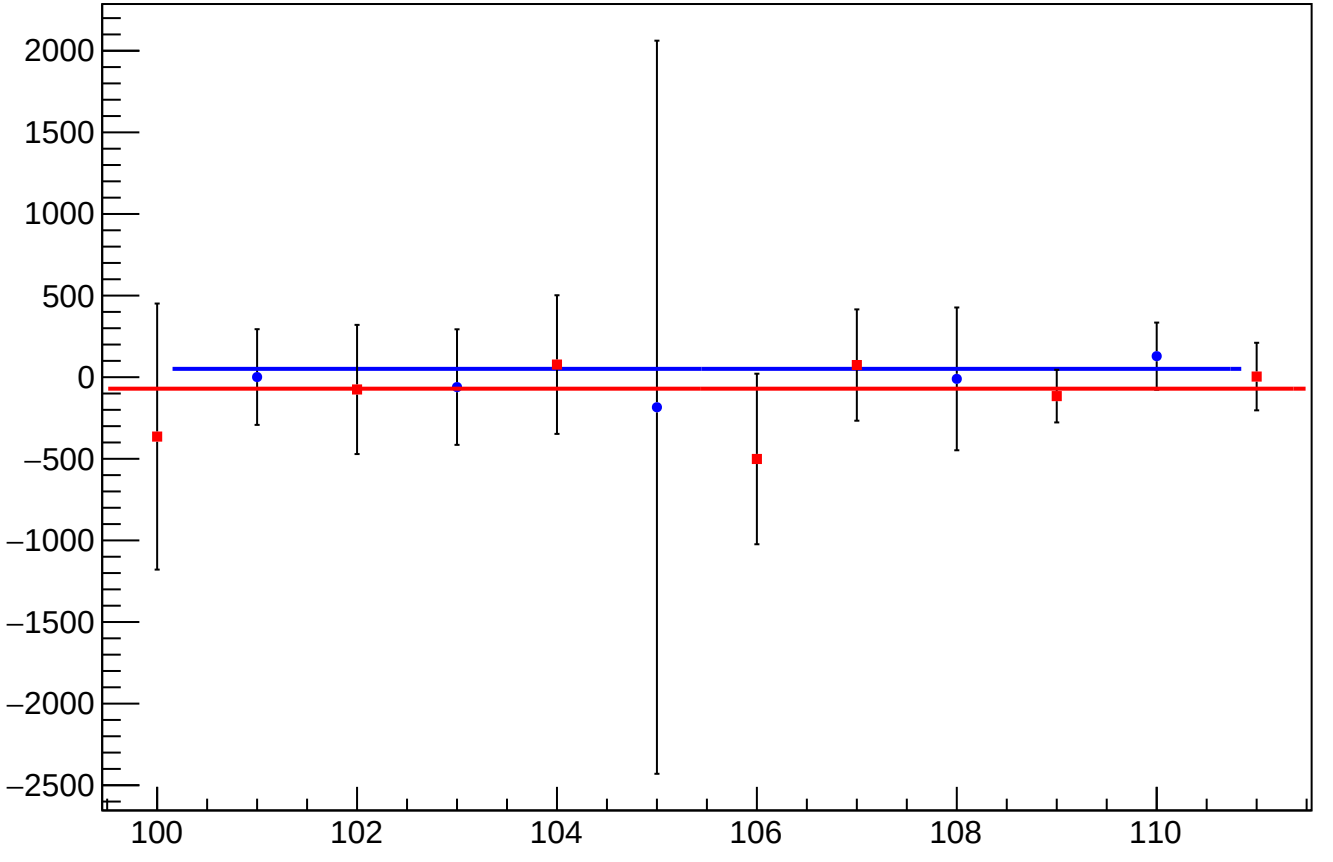
Right Out: 164.346+/-0.078 χ^2/NDF: 681137.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

188.348+/-0.103 χ^2/NDF: 366749.4/4

164.346+/-0.078 χ^2/NDF: 681137.9/6

asym_bcm_dg_ds_mean vs slug



Right In: 51.086+/-143.312 χ^2/NDF: 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

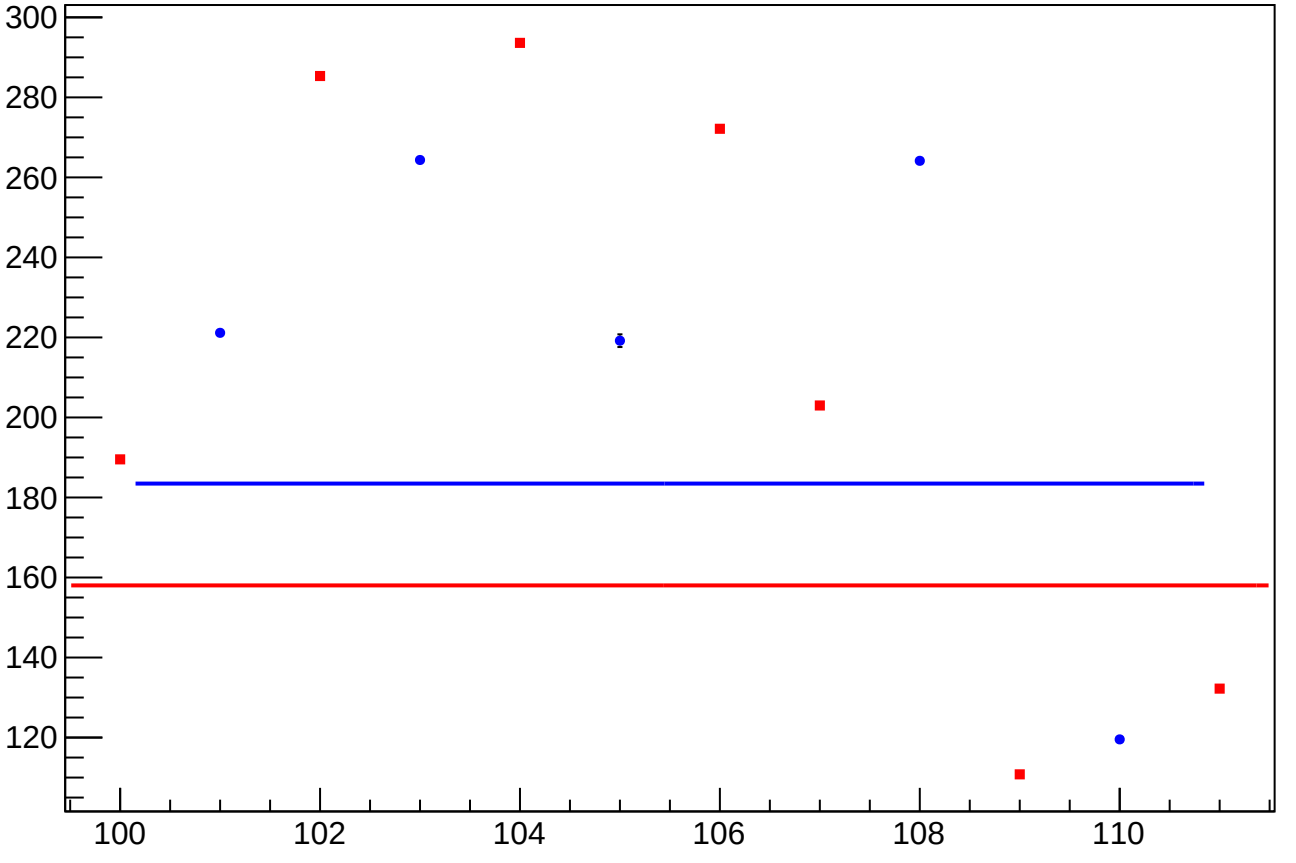
Right Out: -70.386+/-106.927 χ^2/NDF: 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

51.086+/-143.312 χ^2/NDF: 0.3/4

-70.386+/-106.927 χ^2/NDF: 1.3/6

asym_bcm_dg_ds_rms vs slug



Right In: 183.475+/-0.101 χ^2/NDF: 399304.6/4

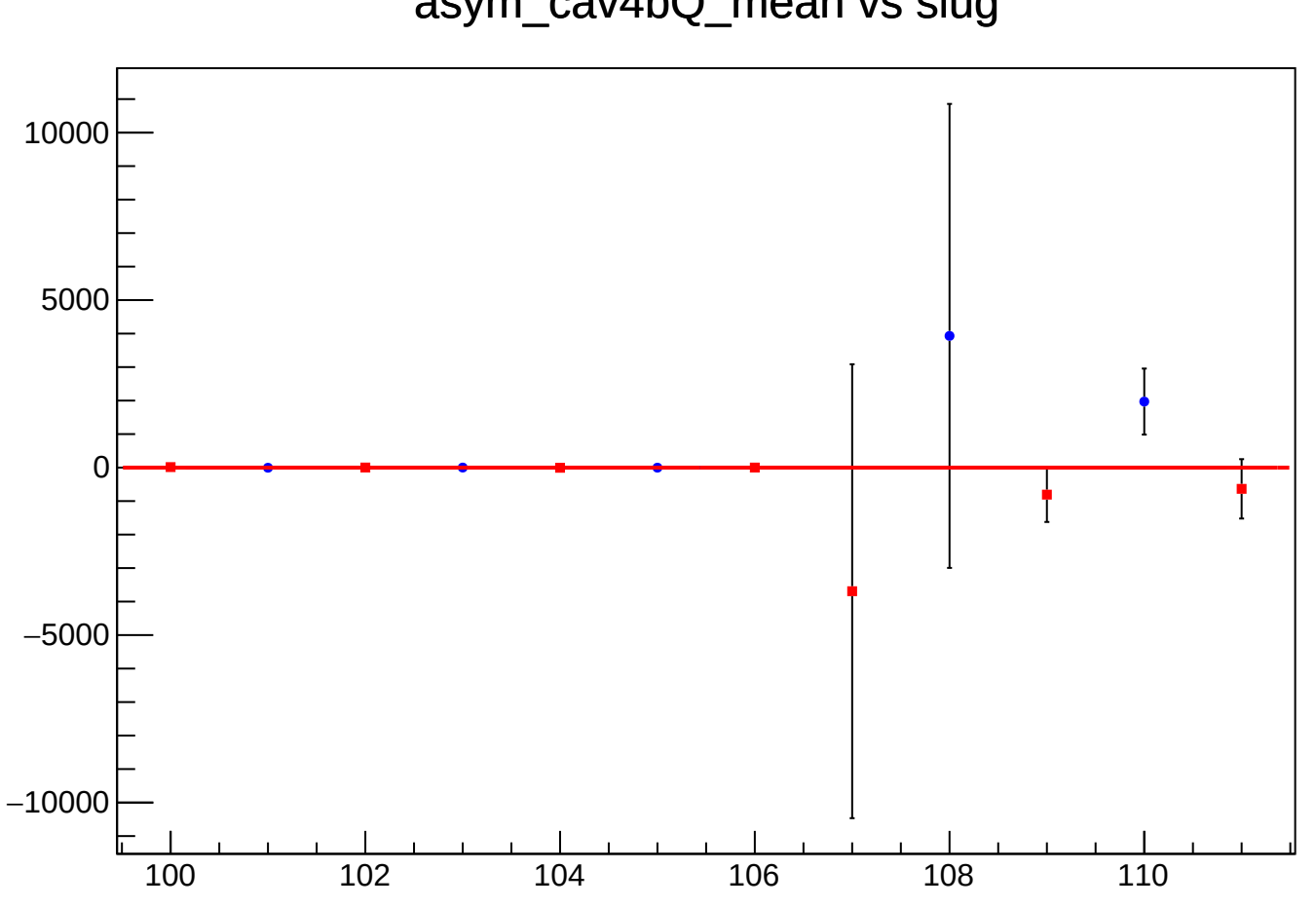
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 158.024+/-0.076 χ^2/NDF: 746425.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

183.475+/-0.101 χ^2/NDF: 399304.6/4

158.024+/-0.076 χ^2/NDF: 746425.2/6



Right In: -1.517+/-2.238 χ^2/NDF: 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

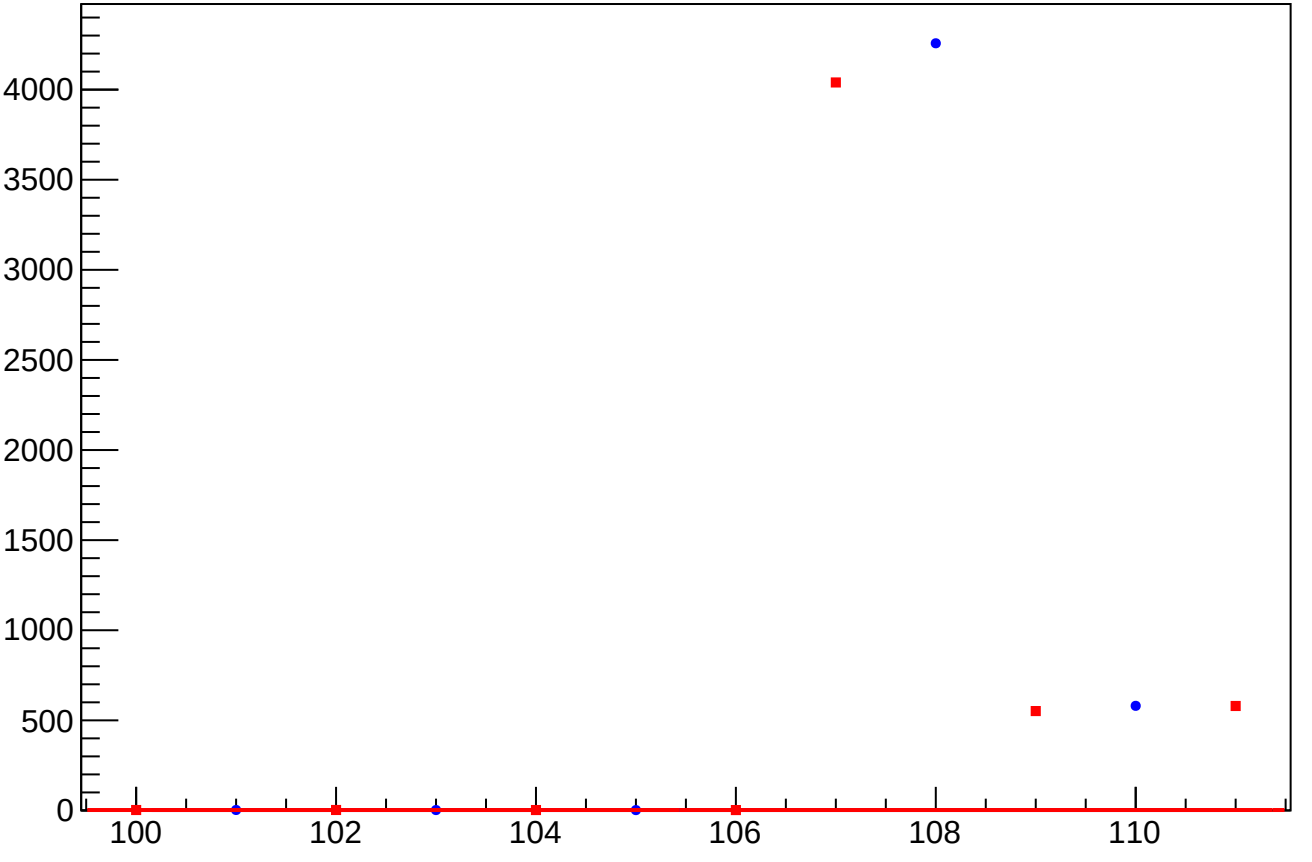
Right Out: -0.721+/-2.111 χ^2/NDF: 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.517+/-2.238 χ^2/NDF: 5.6/4

-0.721+/-2.111 χ^2/NDF: 7.7/6

asym_cav4bQ_rms vs slug



Right In: 2.408+/-0.002 χ^2/NDF: 1457441.1/4

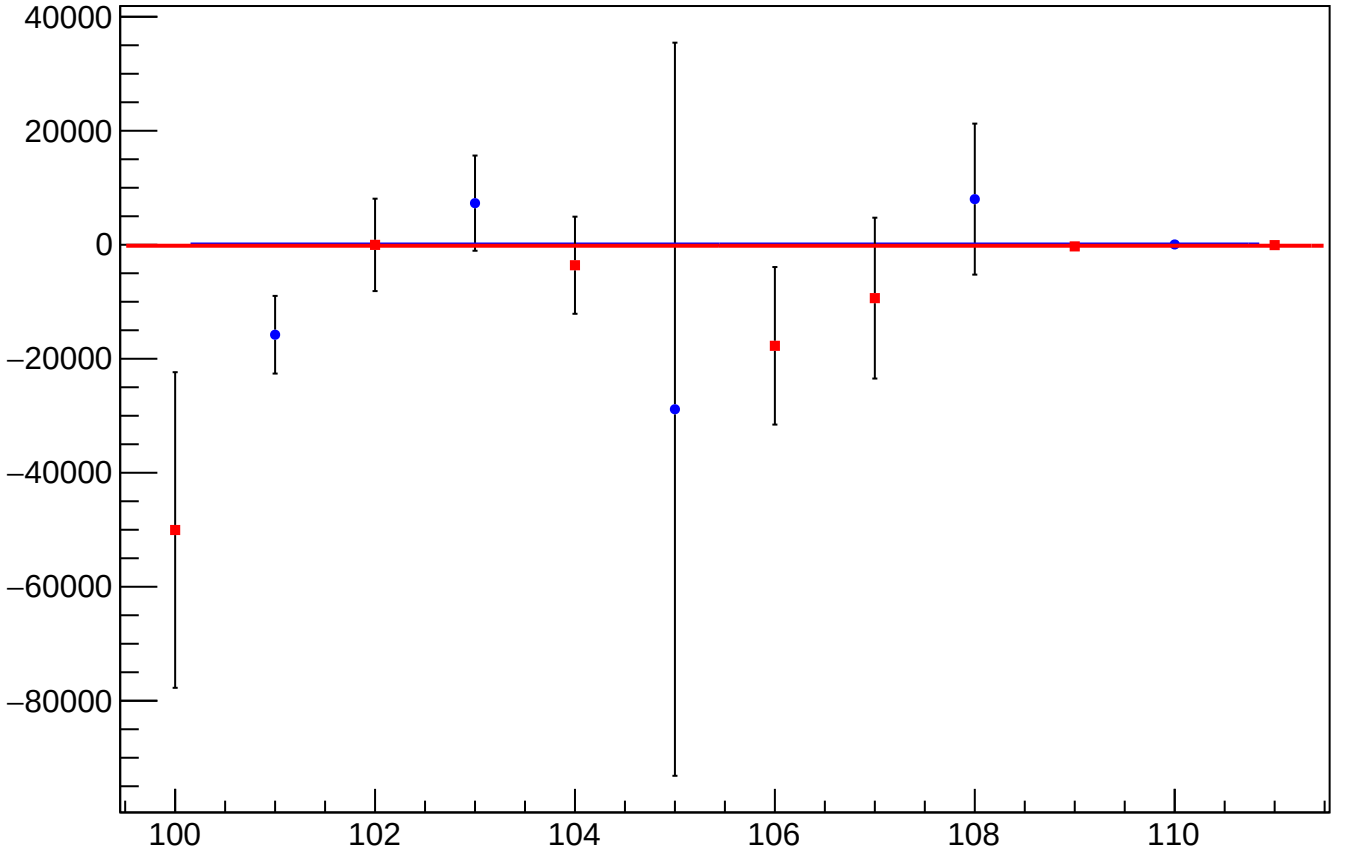
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.403+/-0.001 χ^2/NDF: 2476069.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.408+/-0.002 χ^2/NDF: 1457441.1/4

2.403+/-0.001 χ^2/NDF: 2476069.9/6



Right In: 44.131+/-211.969 χ^2/NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

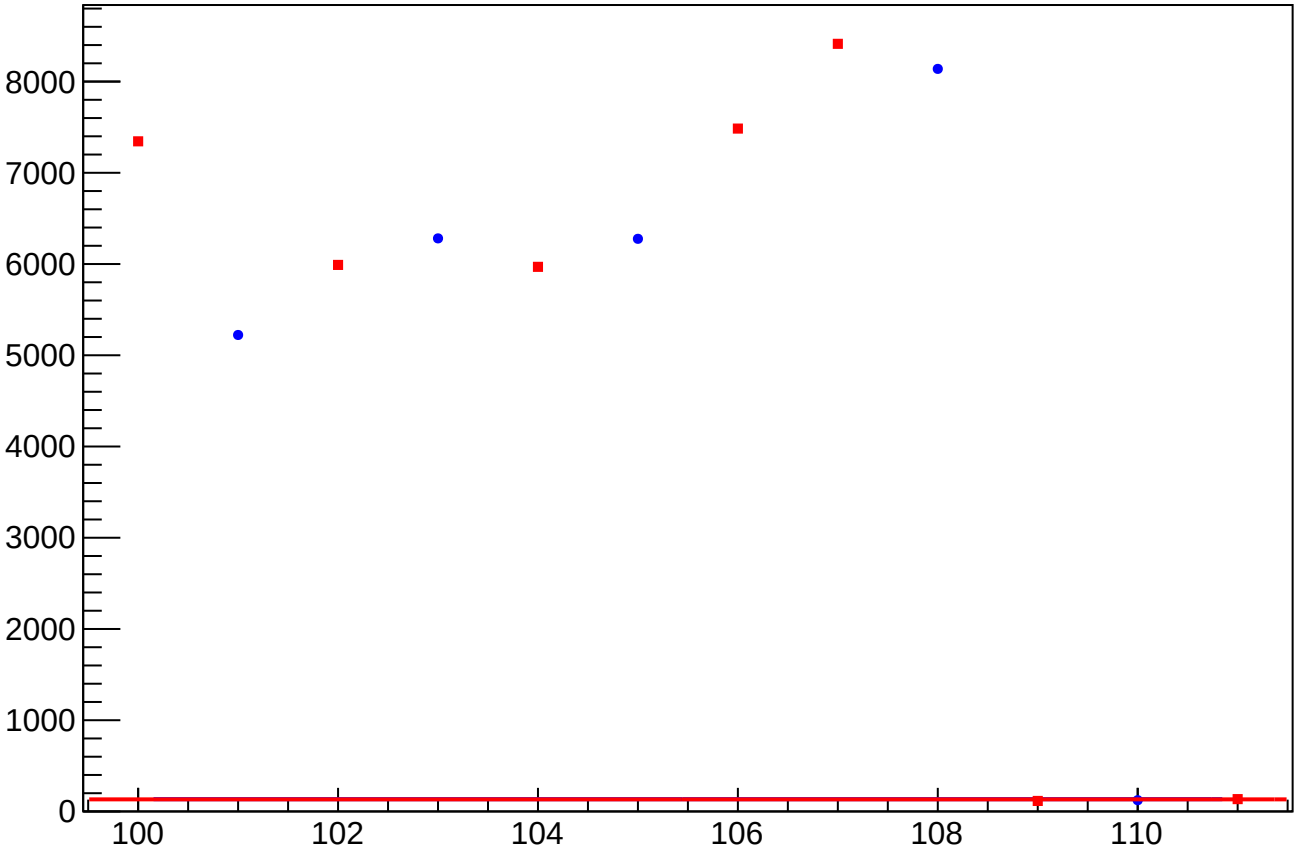
Right Out: -169.856+/-156.173 χ^2/NDF: 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

44.131+/-211.969 χ^2/NDF: 6.7/4

-169.856+/-156.173 χ^2/NDF: 6.0/6

asym_cav4cQ_rms vs slug



Right In: 134.525+/-0.150 χ^2/NDF: 2952865.3/4

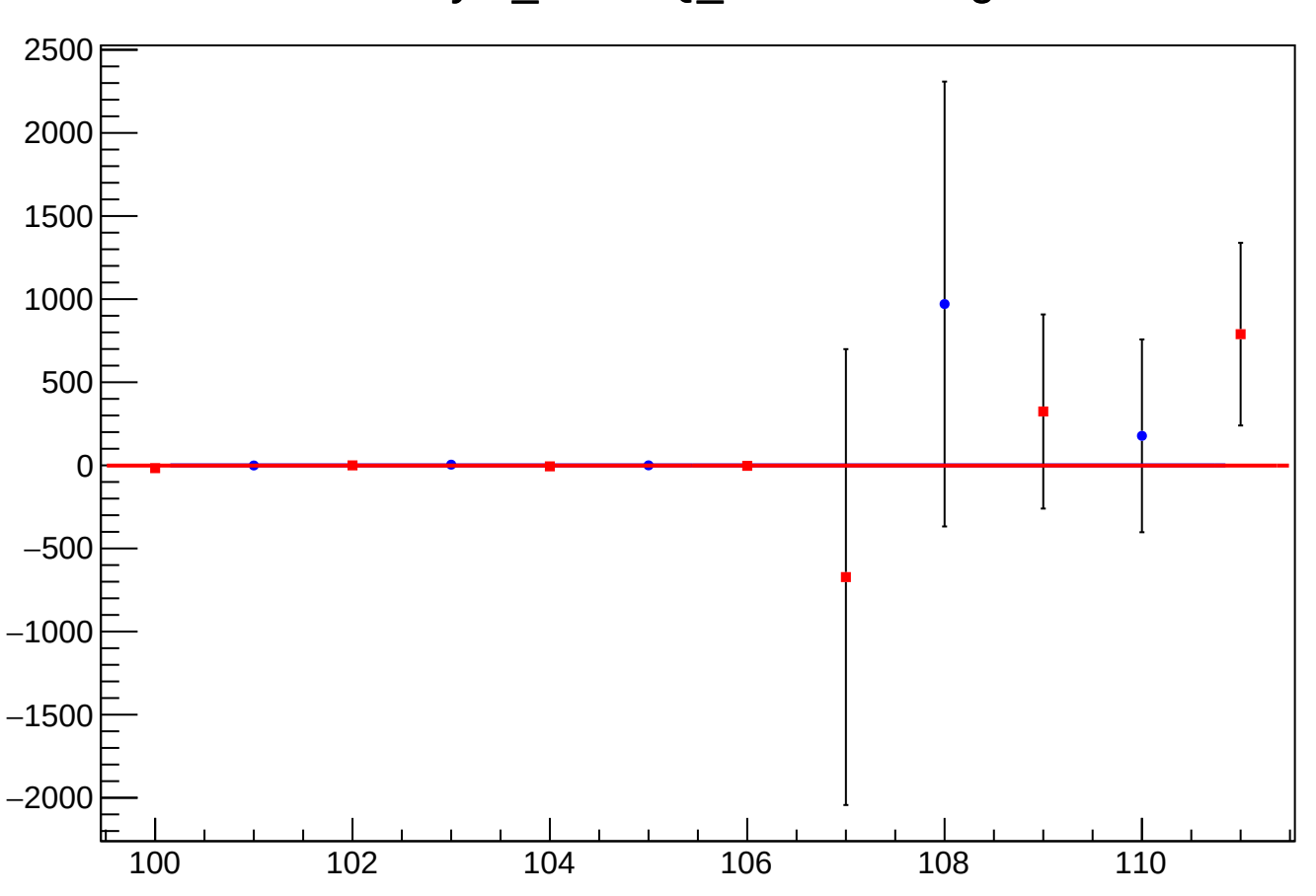
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 132.510+/-0.110 χ^2/NDF: 3385638.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

134.525+/-0.150 χ^2/NDF: 2952865.3/4

132.510+/-0.110 χ^2/NDF: 3385638.7/6



Right In: -0.154+/-1.724 χ^2/NDF: 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

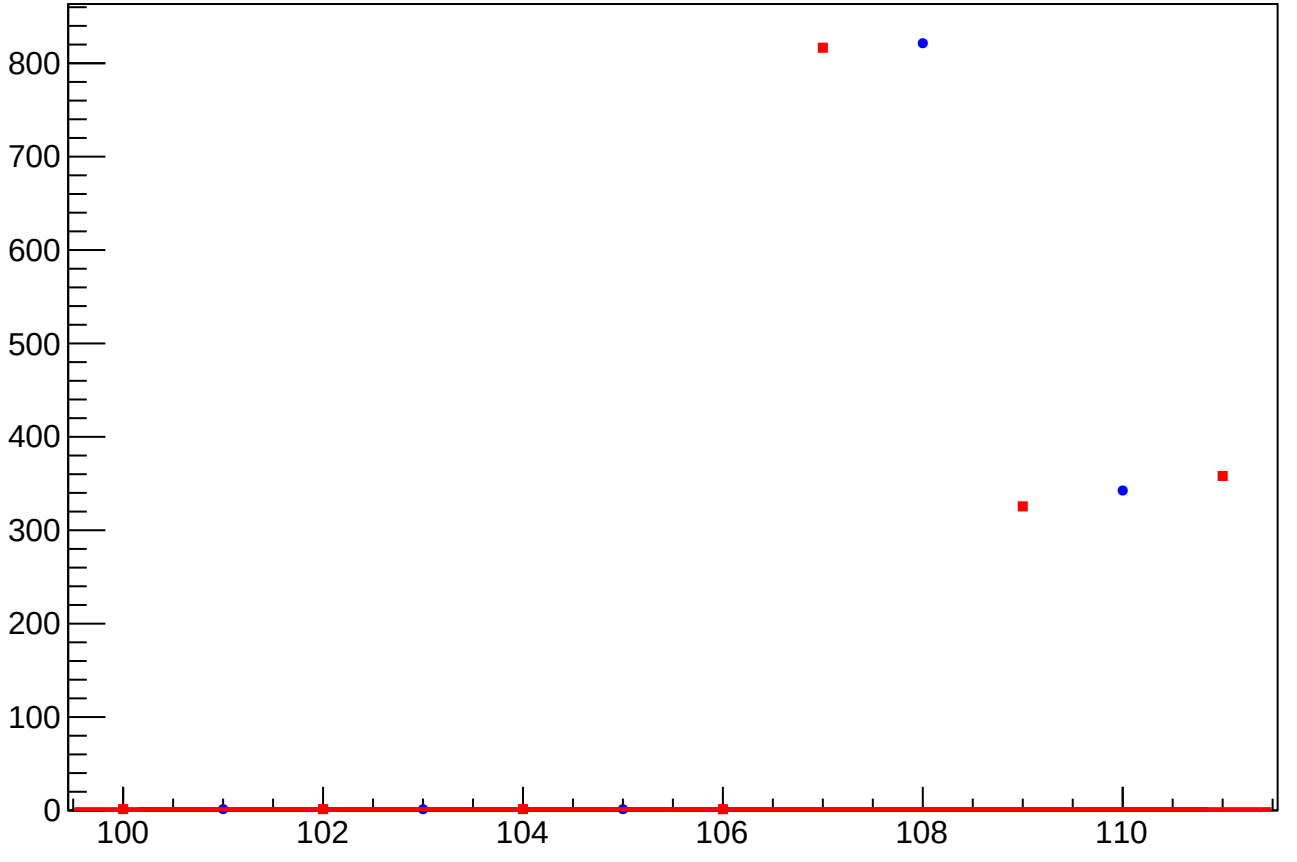
Right Out: -1.326+/-1.623 χ^2/NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.154+/-1.724 χ^2/NDF: 1.5/4

-1.326+/-1.623 χ^2/NDF: 5.3/6

asym_cav4dQ_rms vs slug



Right In: 1.415+/-0.001 χ^2/NDF: 1443493.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

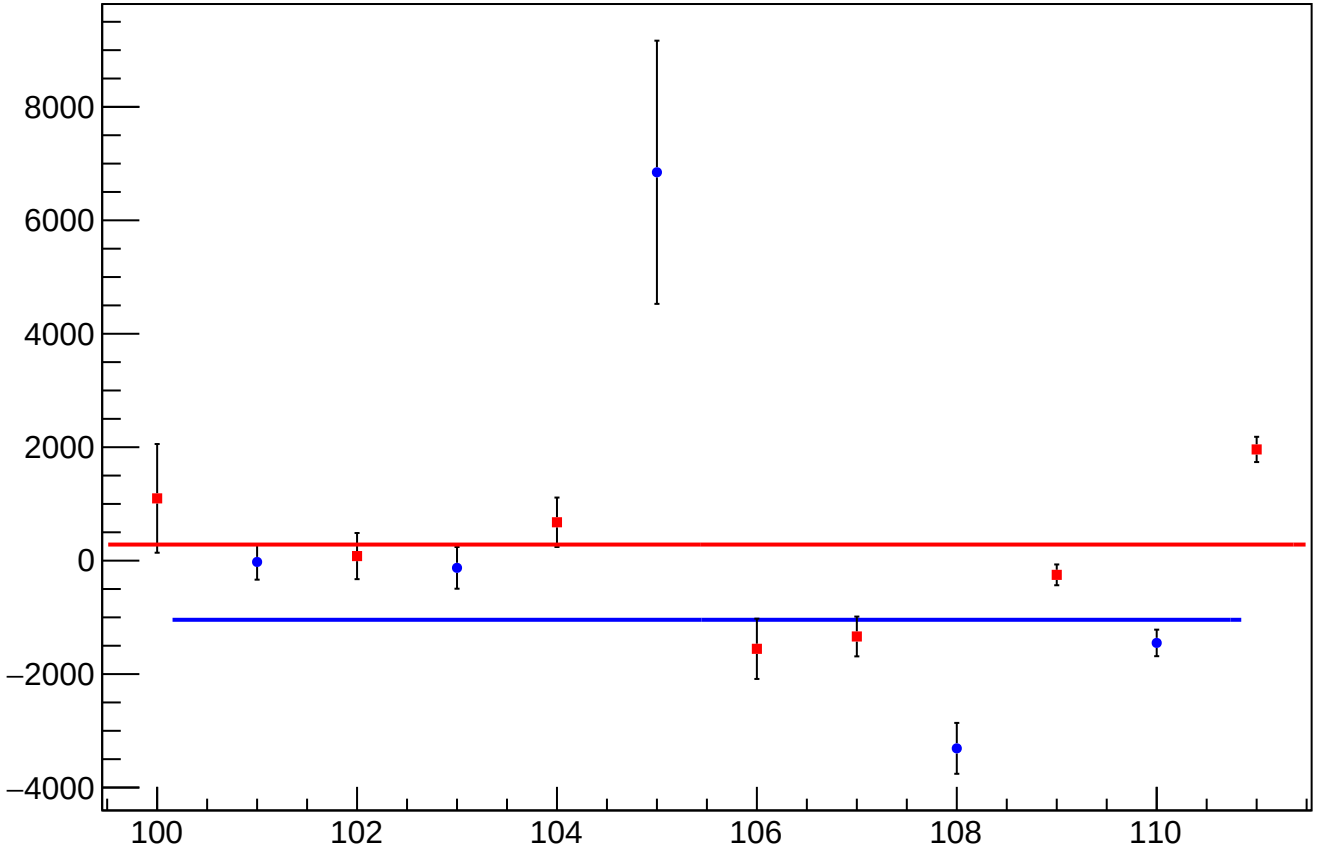
Right Out: 1.421+/-0.001 χ^2/NDF: 2166677.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.415+/-0.001 χ^2/NDF: 1443493.8/4

1.421+/-0.001 χ^2/NDF: 2166677.2/6

asym_bcm0l02_mean vs slug



Right In: -1042.728+/-155.993 χ^2/NDF: 57.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

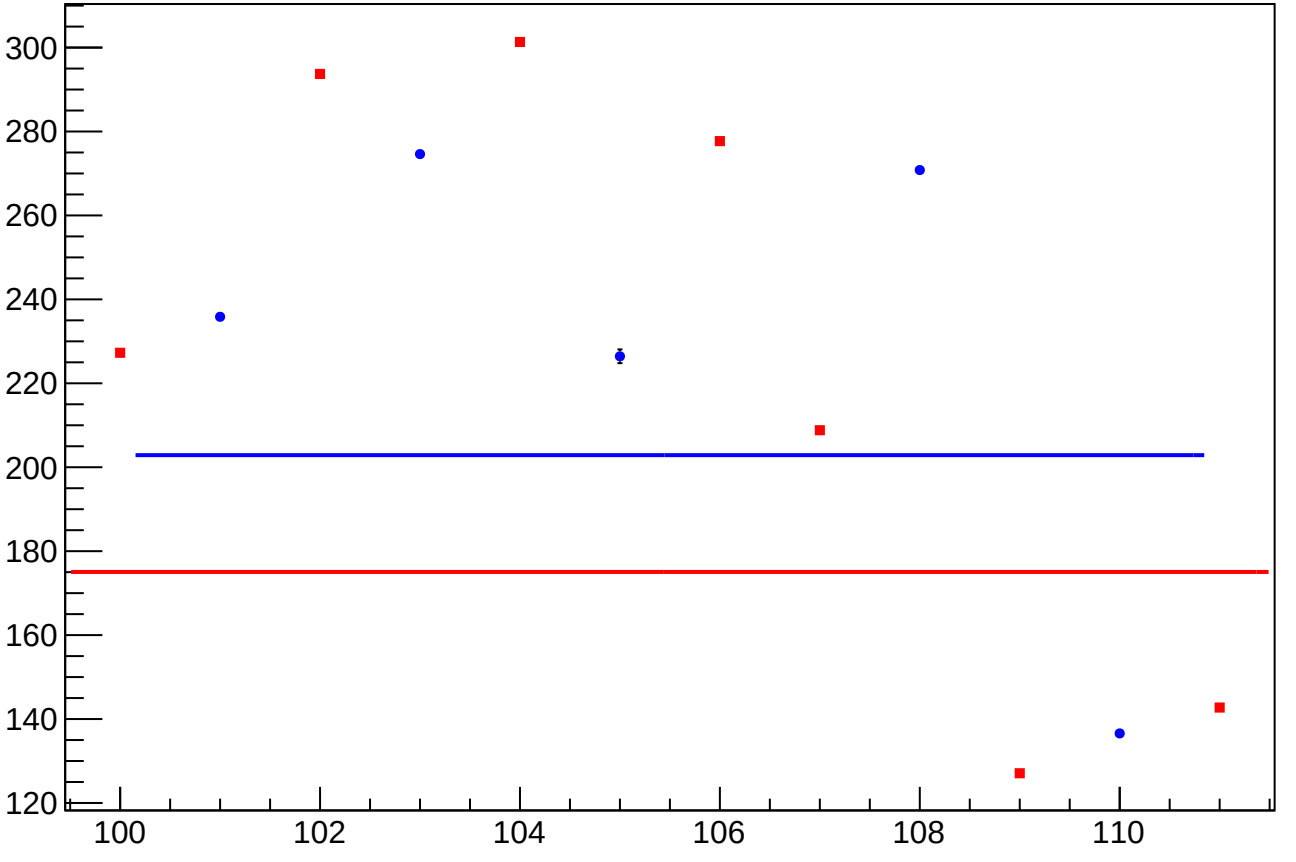
Right Out: 283.713+/-116.268 χ^2/NDF: 100.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1042.728+/-155.993 χ^2/NDF: 57.0/4

283.713+/-116.268 χ^2/NDF: 100.3/6

asym_bcm0l02_rms vs slug



Right In: 202.880+/-0.110 χ^2/NDF: 305213.1/4

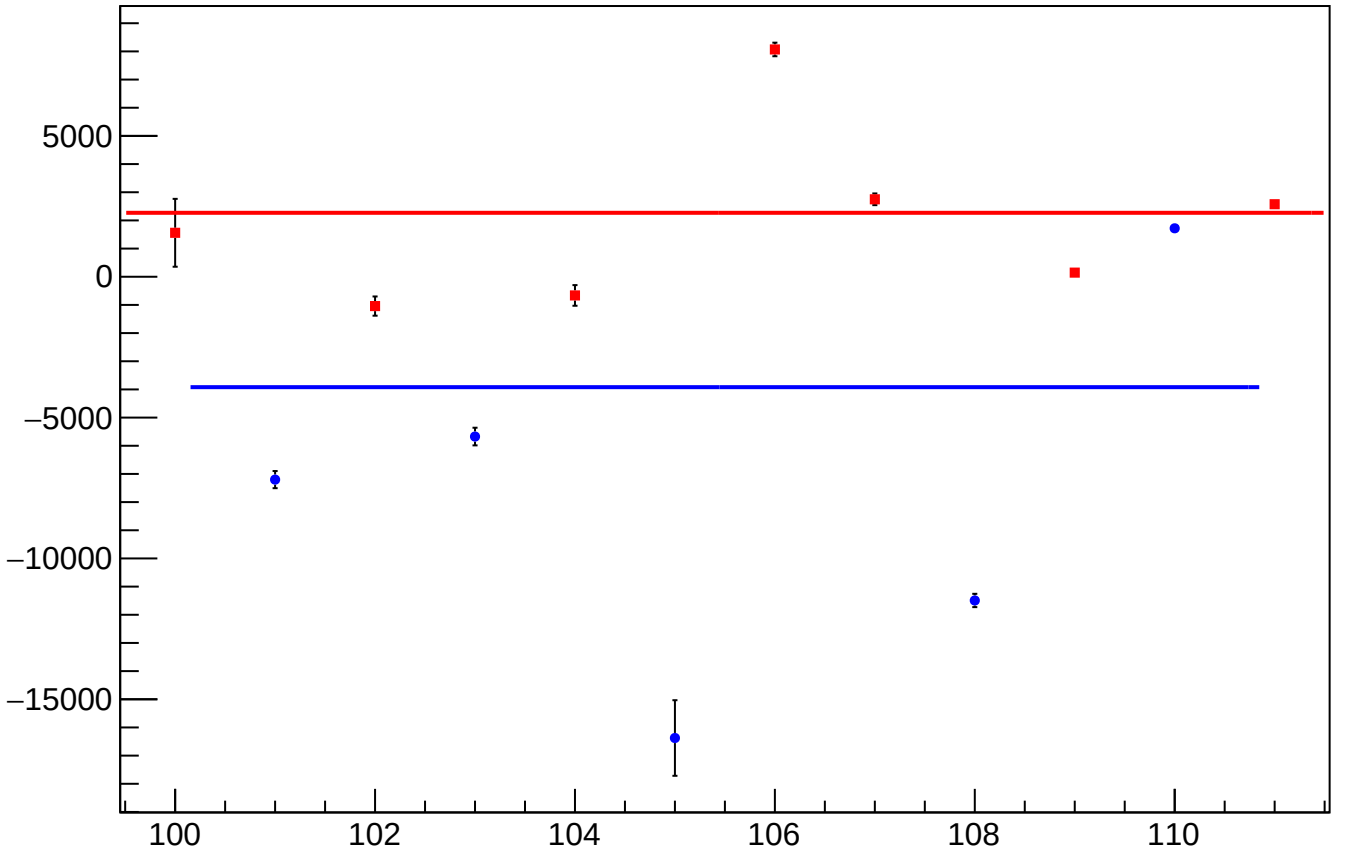
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 175.051+/-0.082 χ^2/NDF: 616474.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

202.880+/-0.110 χ^2/NDF: 305213.1/4

175.051+/-0.082 χ^2/NDF: 616474.7/6



Right In: -3919.715+/-116.072 χ^2/NDF: 2366.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

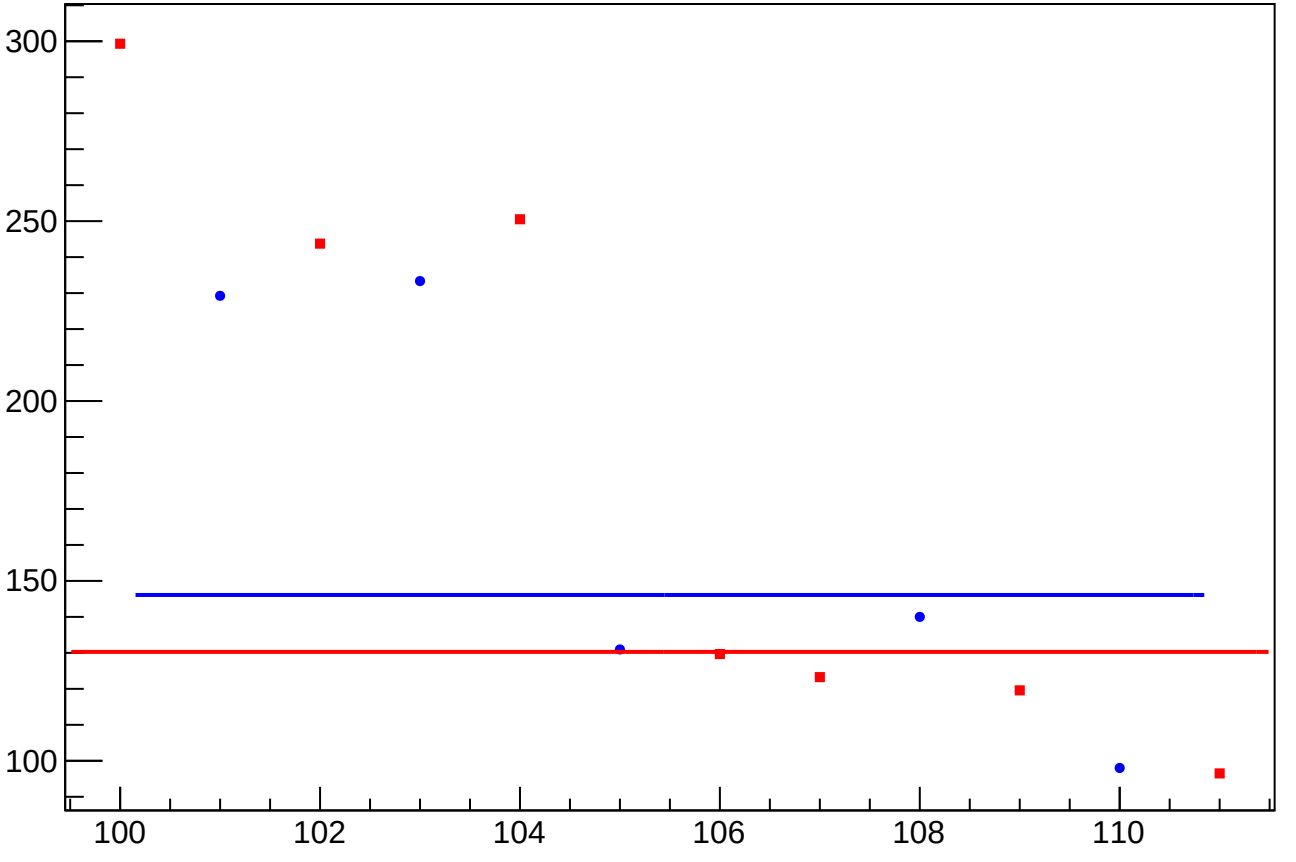
Right Out: 2270.219+/-86.226 χ^2/NDF: 903.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3919.715+/-116.072 χ^2/NDF: 2366.7/4

2270.219+/-86.226 χ^2/NDF: 903.9/6

asym_bpm2i01WS_rms vs slug



Right In: 146.093+/-0.082 χ^2/NDF: 466921.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

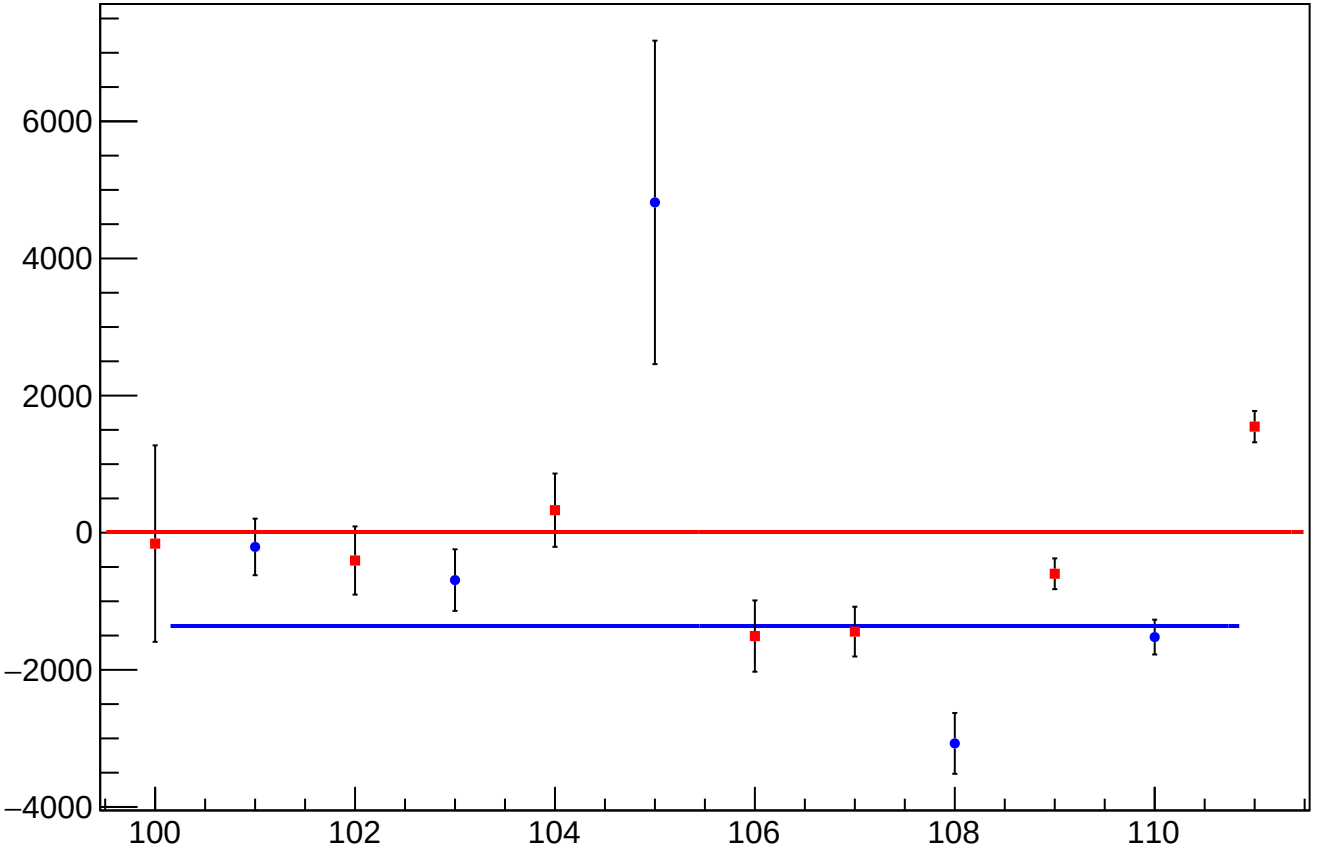
Right Out: 130.277+/-0.061 χ^2/NDF: 583882.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

146.093+/-0.082 χ^2/NDF: 466921.5/4

130.277+/-0.061 χ^2/NDF: 583882.4/6

asym_bpm0i07WS_mean vs slug



Right In: -1360.698+/-177.874 χ^2/NDF: 32.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

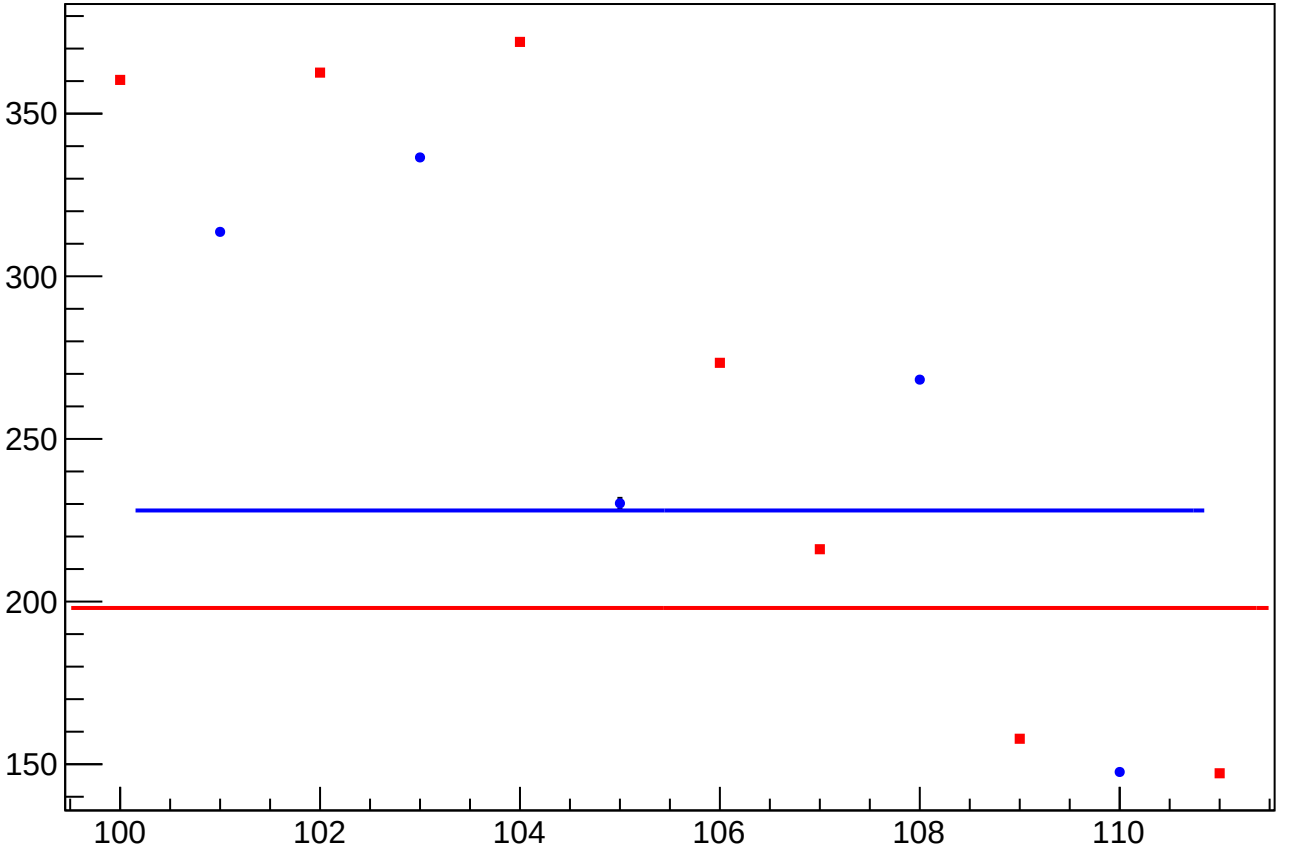
Right Out: 10.569+/-130.991 χ^2/NDF: 78.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1360.698+/-177.874 χ^2/NDF: 32.2/4

10.569+/-130.991 χ^2/NDF: 78.1/6

asym_bpm0i07WS_rms vs slug



Right In: 228.007+/-0.126 χ^2/NDF: 419921.8/4

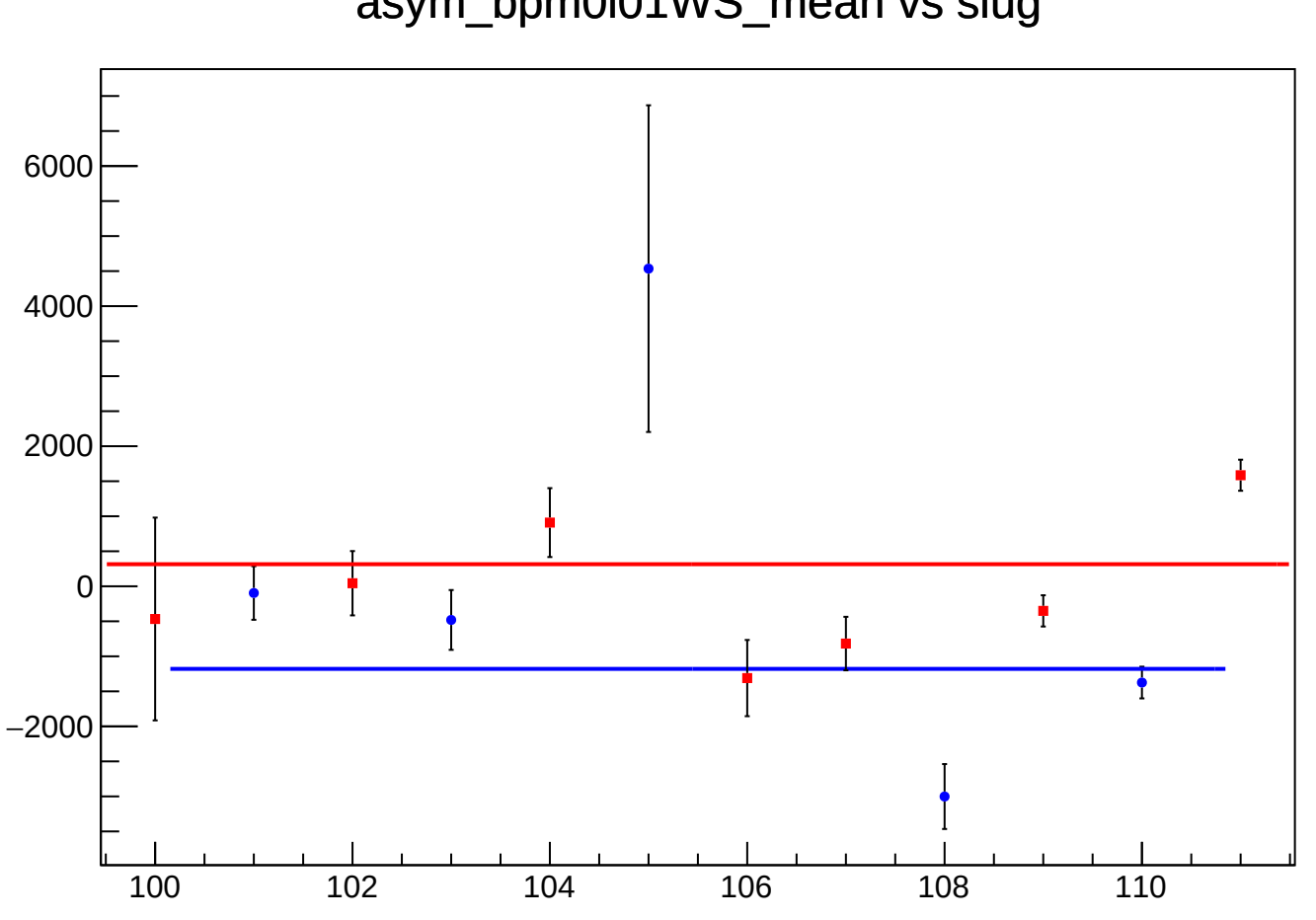
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 198.035+/-0.093 χ^2/NDF: 666473.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

228.007+/-0.126 χ^2/NDF: 419921.8/4

198.035+/-0.093 χ^2/NDF: 666473.4/6



Right In: -1179.255+/-165.154 χ^2/NDF: 32.9/4

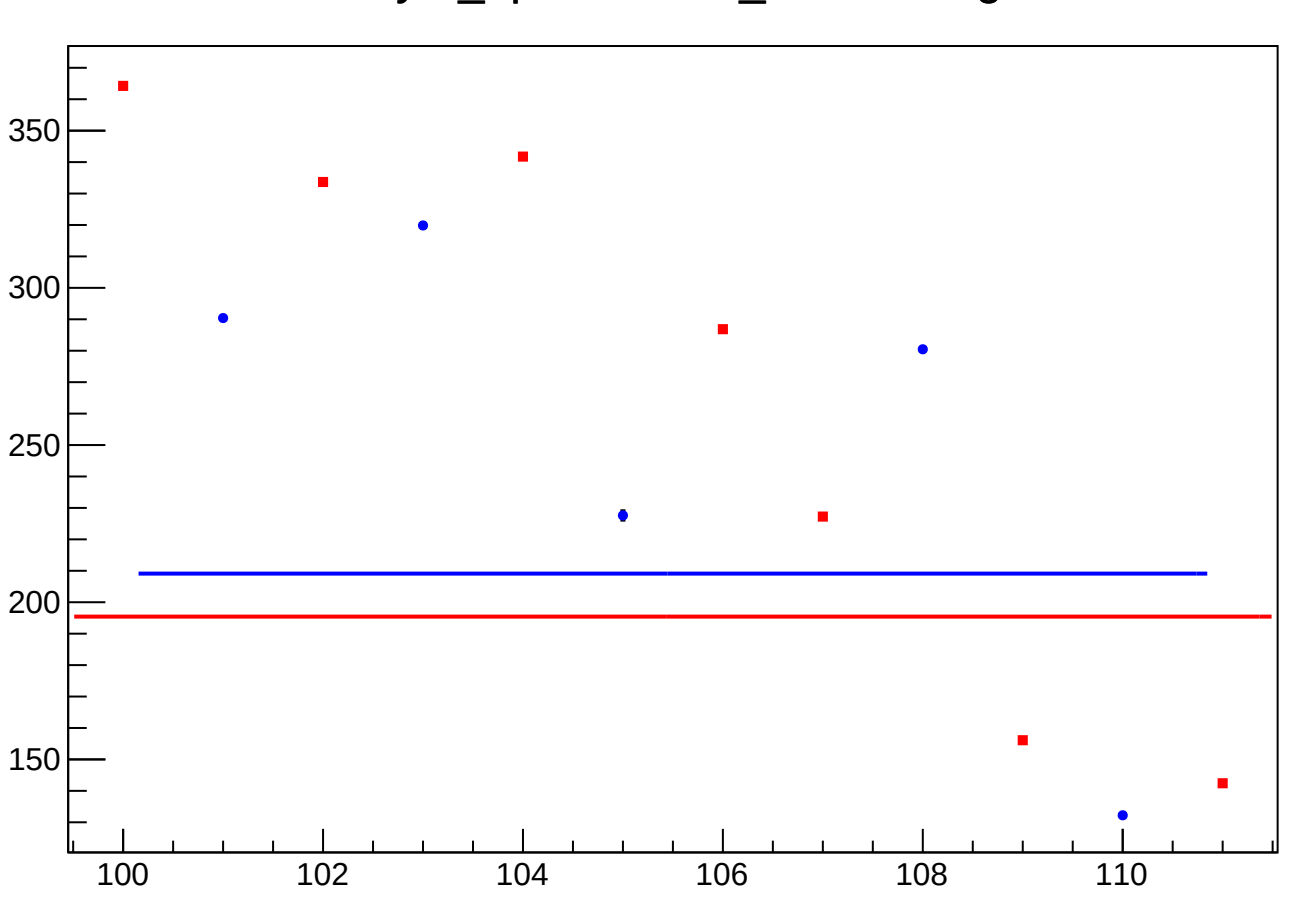
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 315.241+/-129.075 χ^2/NDF: 61.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1179.255+/-165.154 χ^2/NDF: 32.9/4

315.241+/-129.075 χ^2/NDF: 61.6/6



Right In: 209.105+/-0.117 χ^2/NDF: 502964.9/4

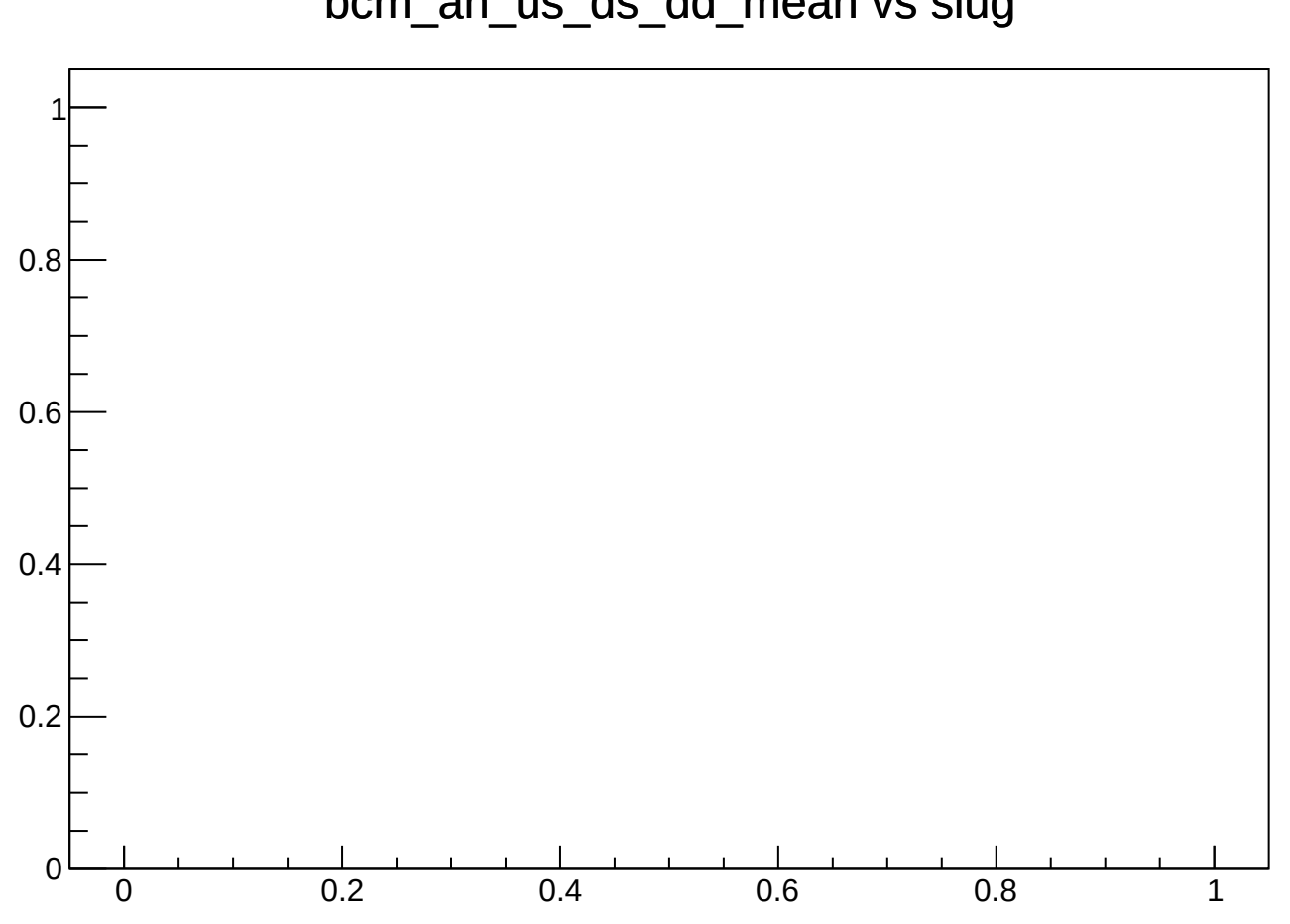
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 195.427+/-0.091 χ^2/NDF: 632468.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

209.105+/-0.117 χ^2/NDF: 502964.9/4

195.427+/-0.091 χ^2/NDF: 632468.2/6



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

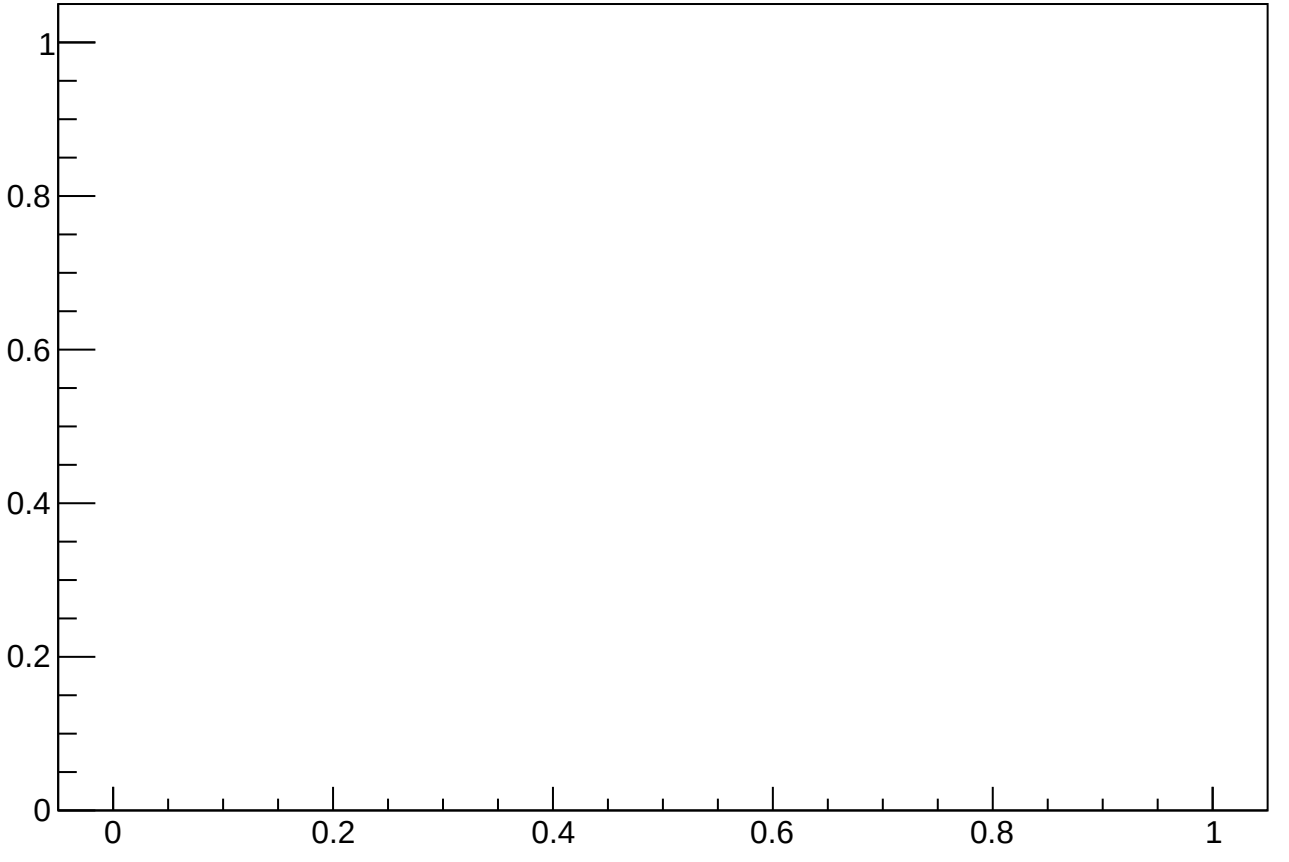
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

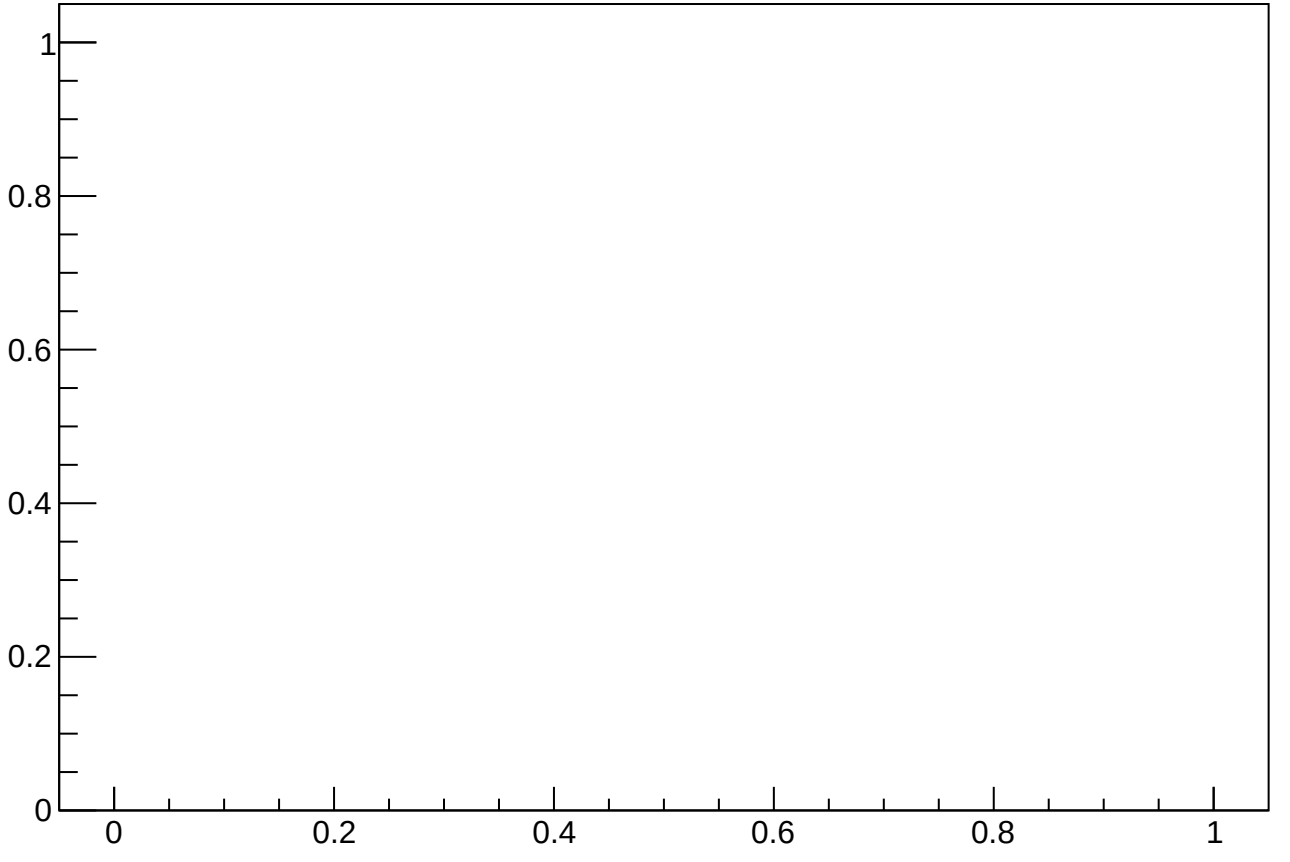
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

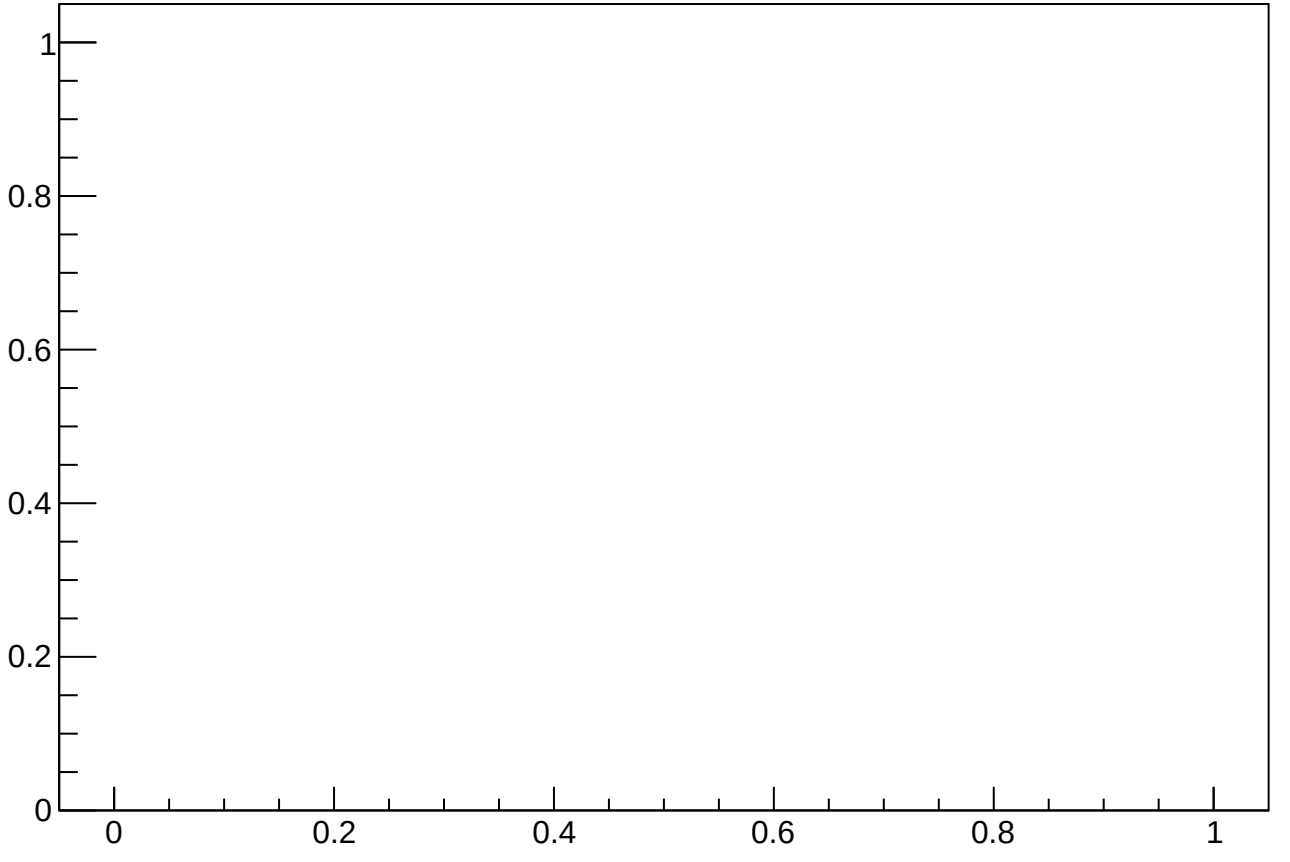
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

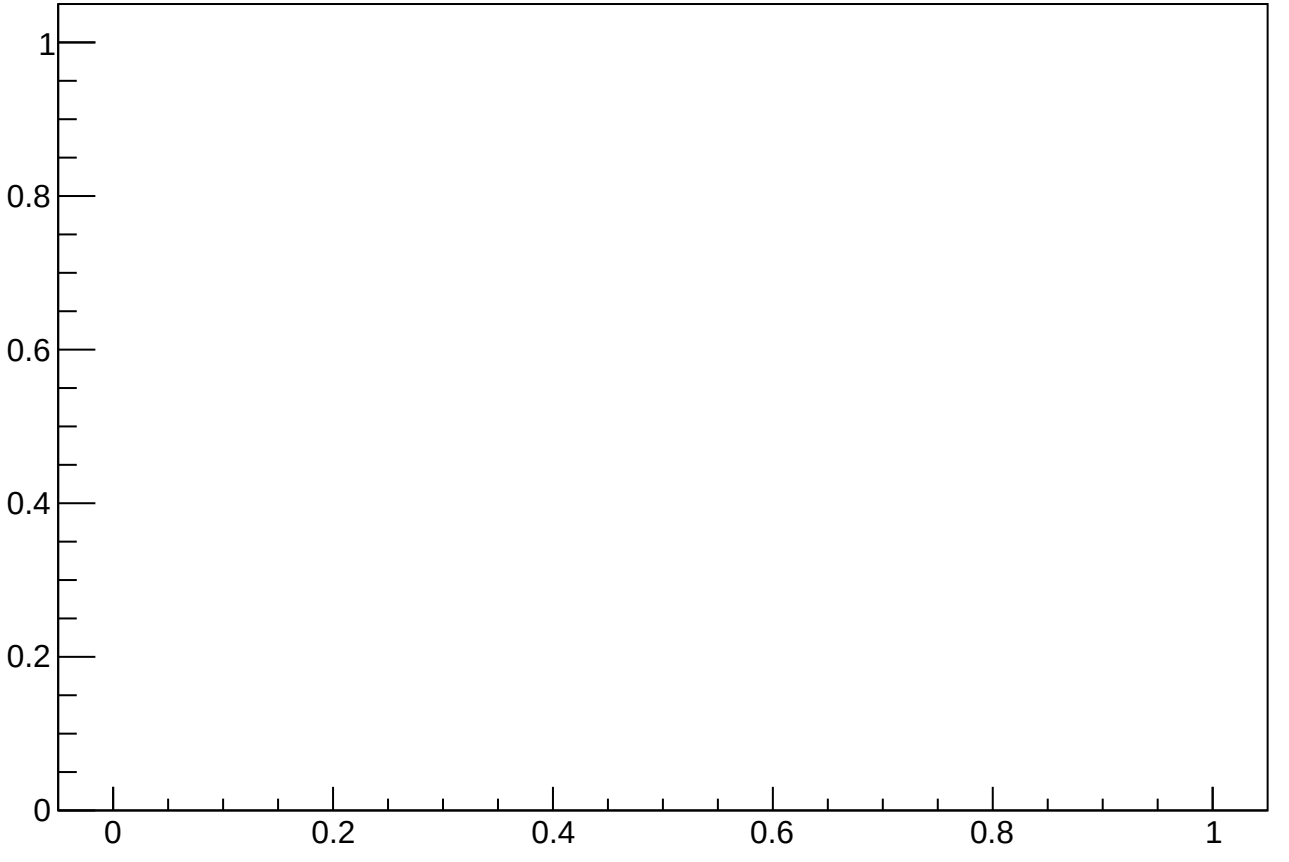
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

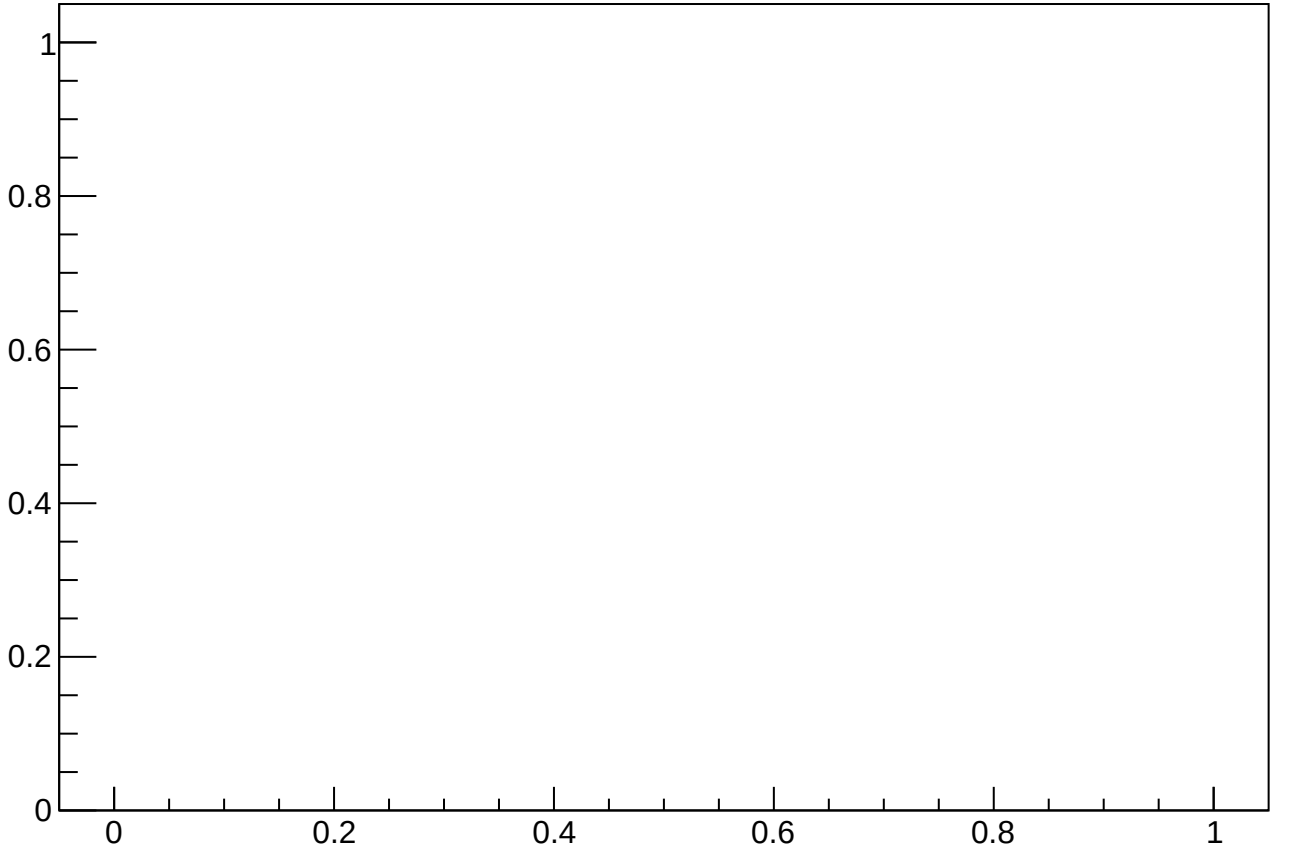
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

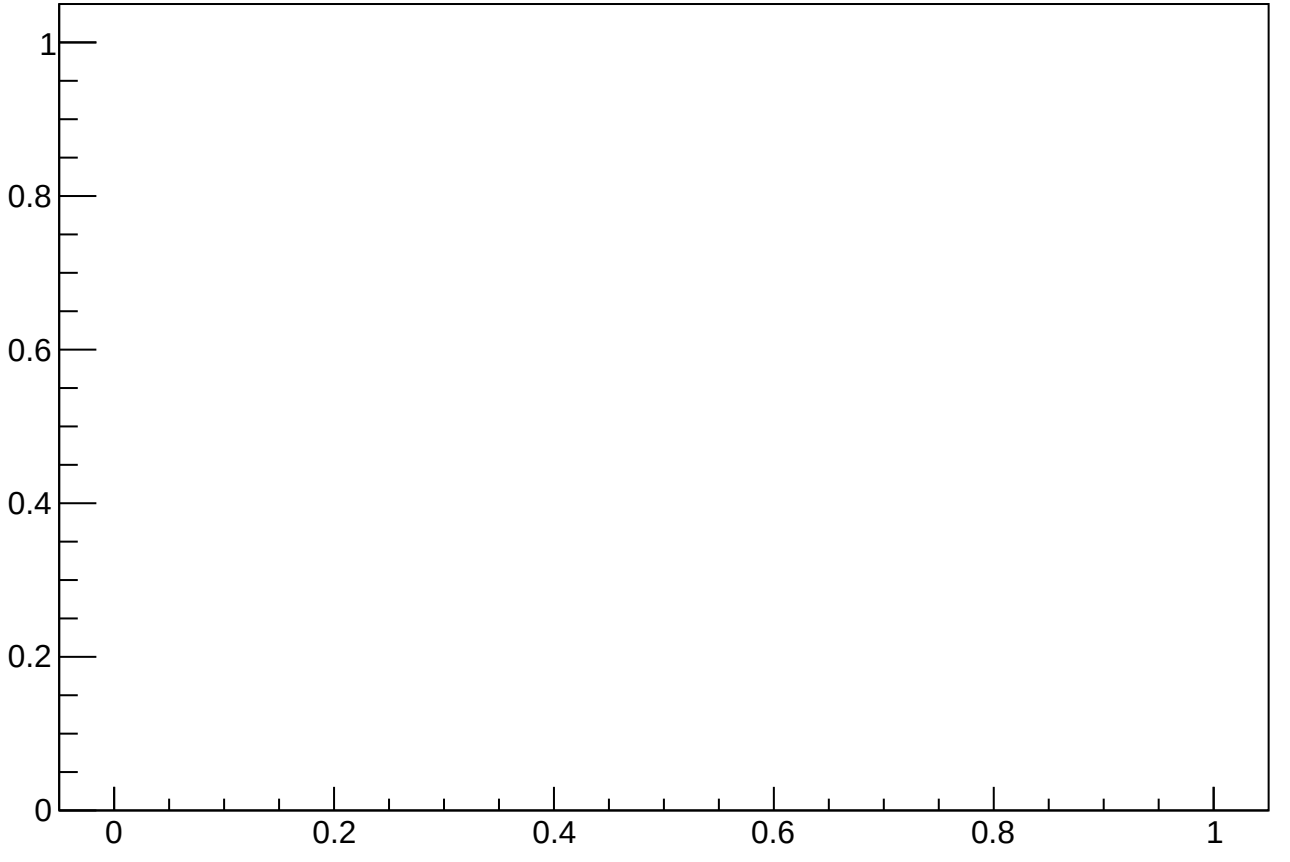
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

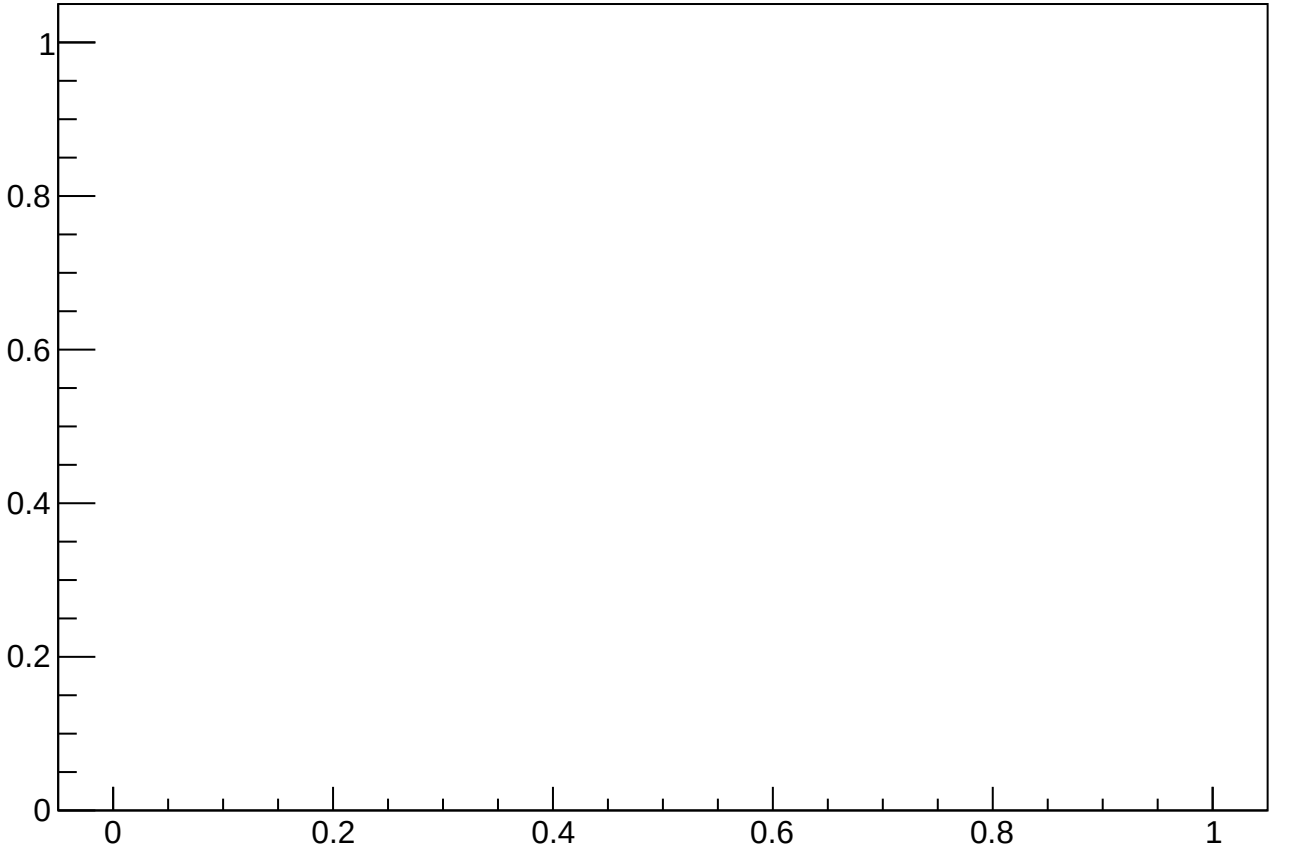
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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_rms vs slug



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

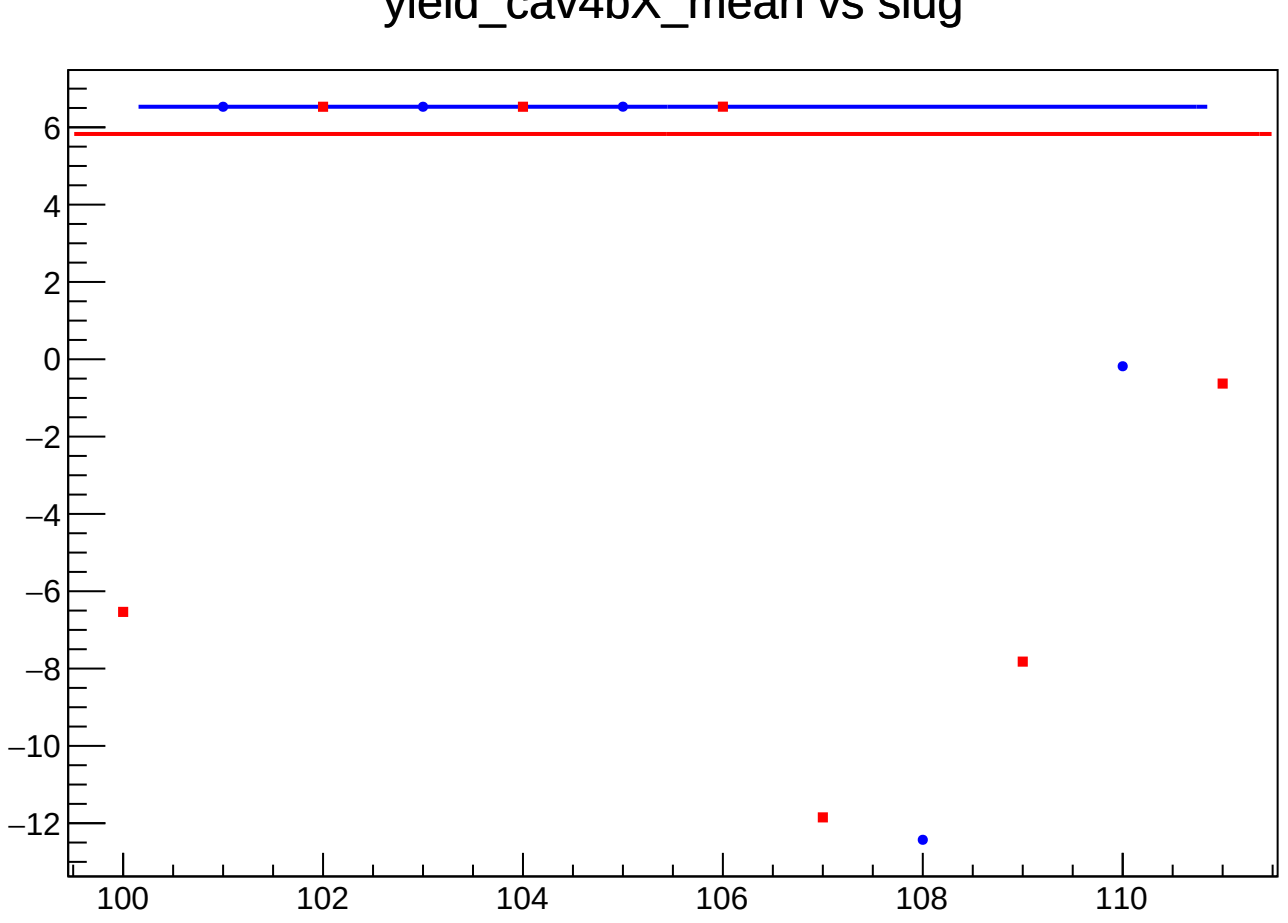
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: 6.532+/-0.000 χ^2/NDF: 16138070900.9/4

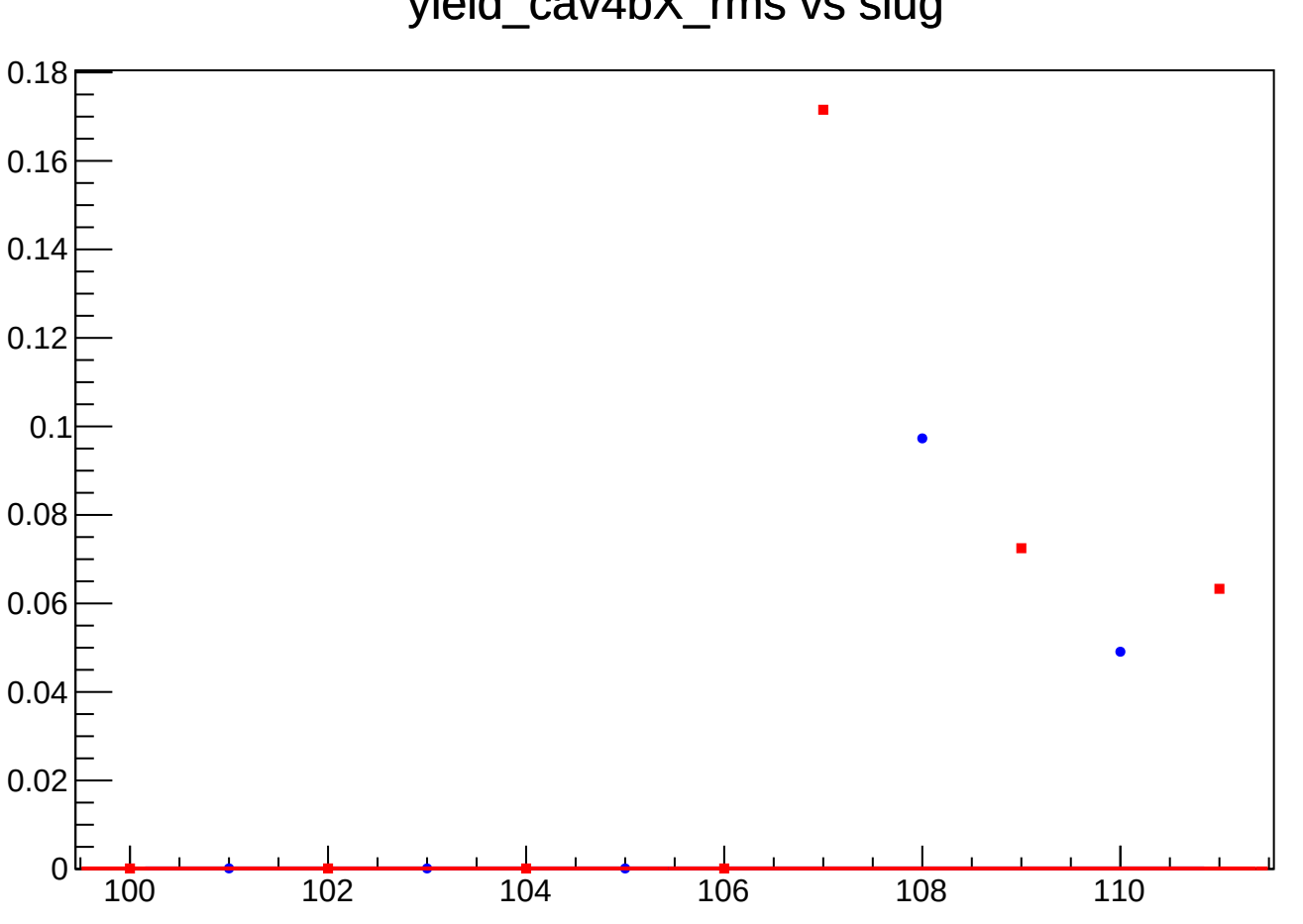
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.828+/-0.000 χ^2/NDF: 755872116427652.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.532+/-0.000 χ^2/NDF: 16138070900.9/4

5.828+/-0.000 χ^2/NDF: 755872116427652.8/6



Right In: 0.000+/-0.000 χ^2/NDF: 1146945.0/4

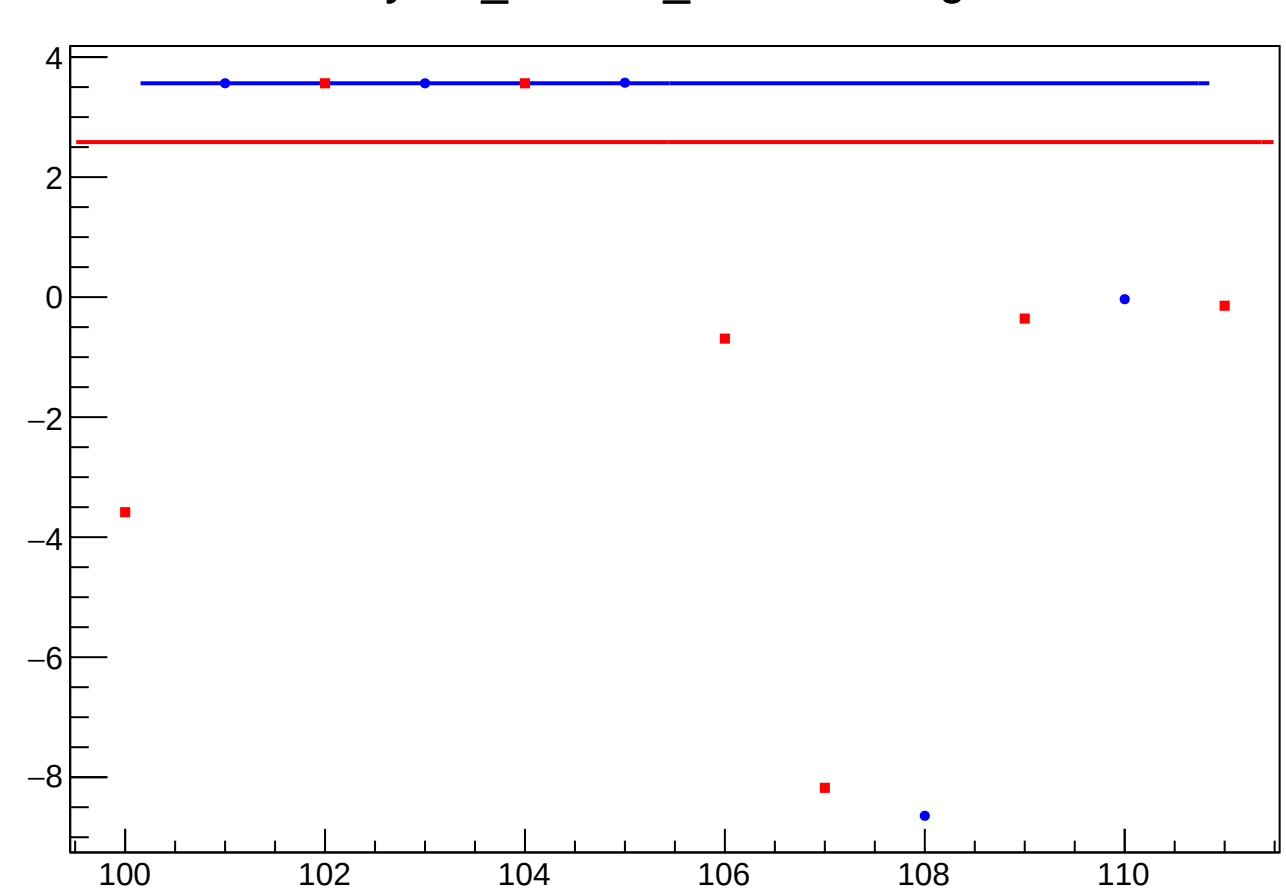
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1931382.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.000+/-0.000 χ^2/NDF: 1146945.0/4

0.000+/-0.000 χ^2/NDF: 1931382.9/6



Right In: 3.564+/-0.000 χ^2/NDF: 11163392636.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

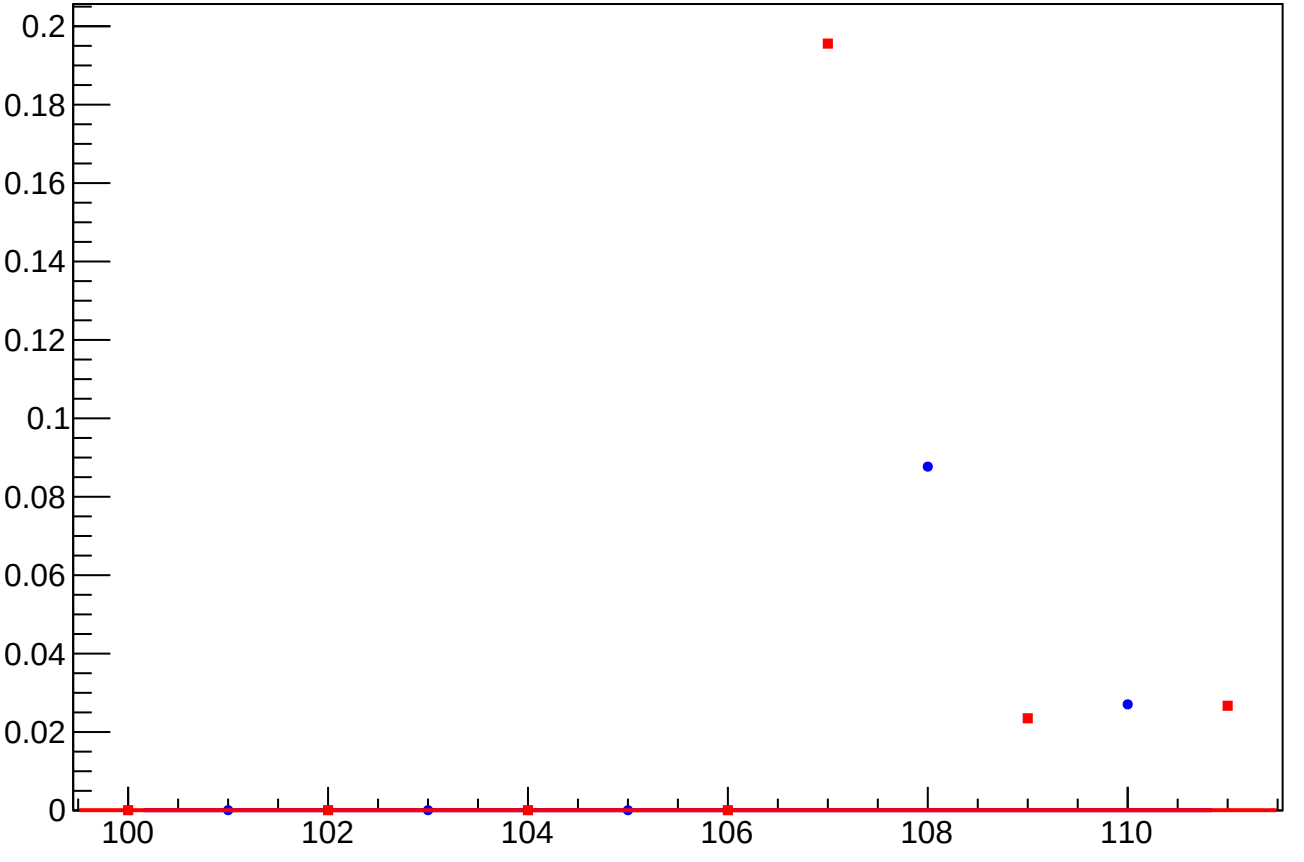
Right Out: 2.584+/-0.000 χ^2/NDF: 1253245531687228.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3.564+/-0.000 χ^2/NDF: 11163392636.6/4

2.584+/-0.000 χ^2/NDF: 1253245531687228.5/6

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF: 1175766.0/4

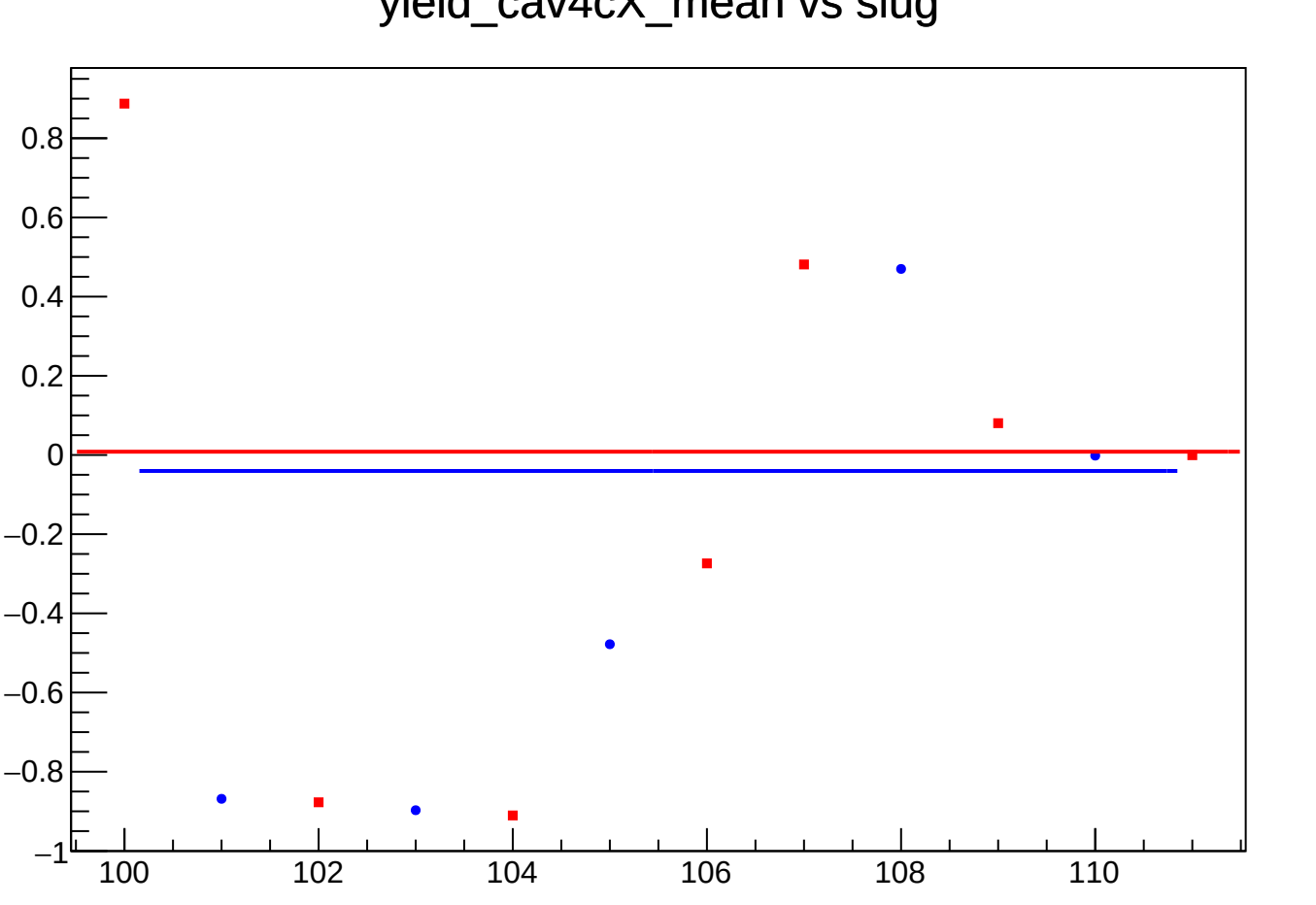
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1820071.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.000+/-0.000 χ^2/NDF: 1175766.0/4

0.000+/-0.000 χ^2/NDF: 1820071.4/6



Right In: -0.040+/-0.000 χ^2/NDF: 9622987101.7/4

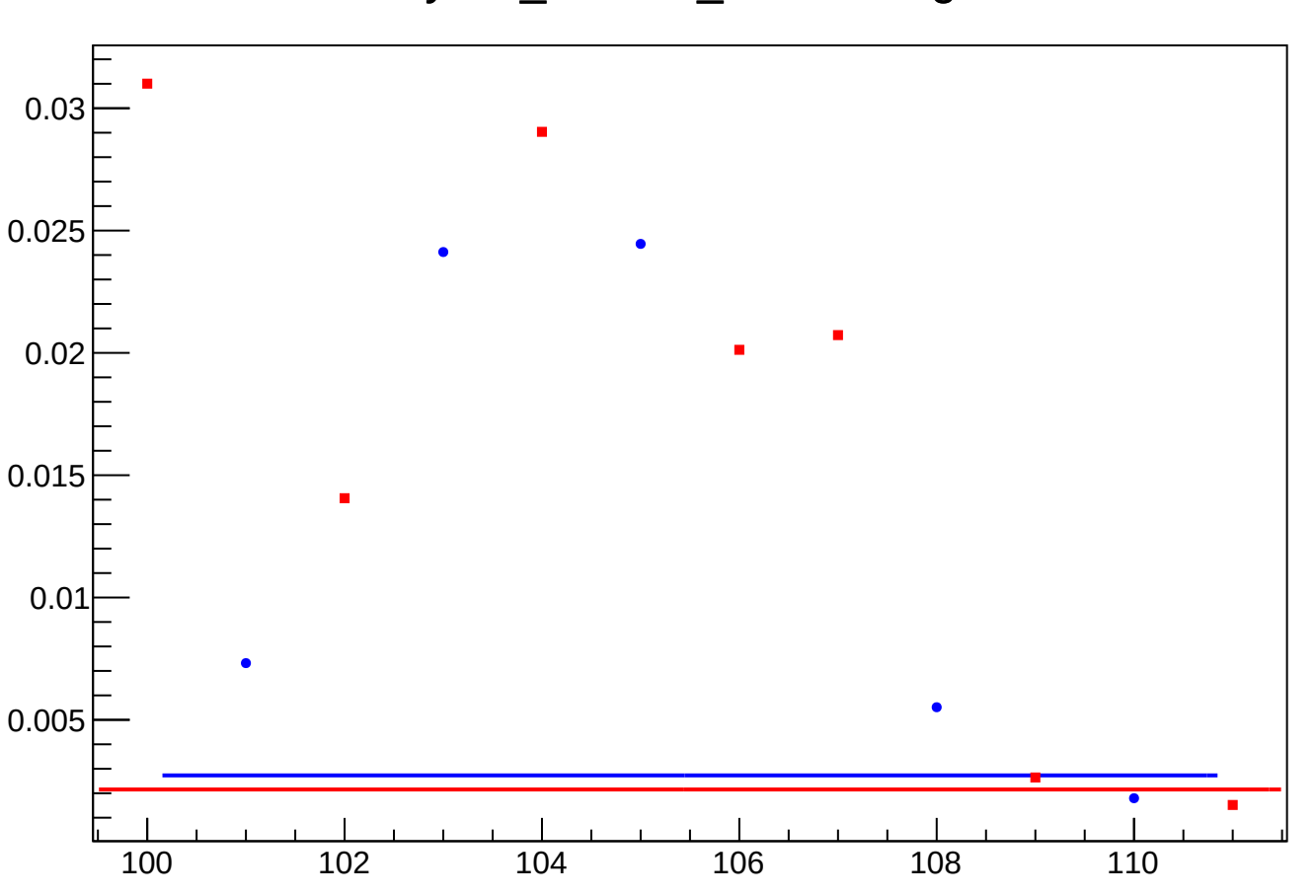
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF: 3028263025.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.040+/-0.000 χ^2/NDF: 9622987101.7/4

0.008+/-0.000 χ^2/NDF: 3028263025.7/6



Right In: 0.003+/-0.000 χ^2/NDF: 1451136.9/4

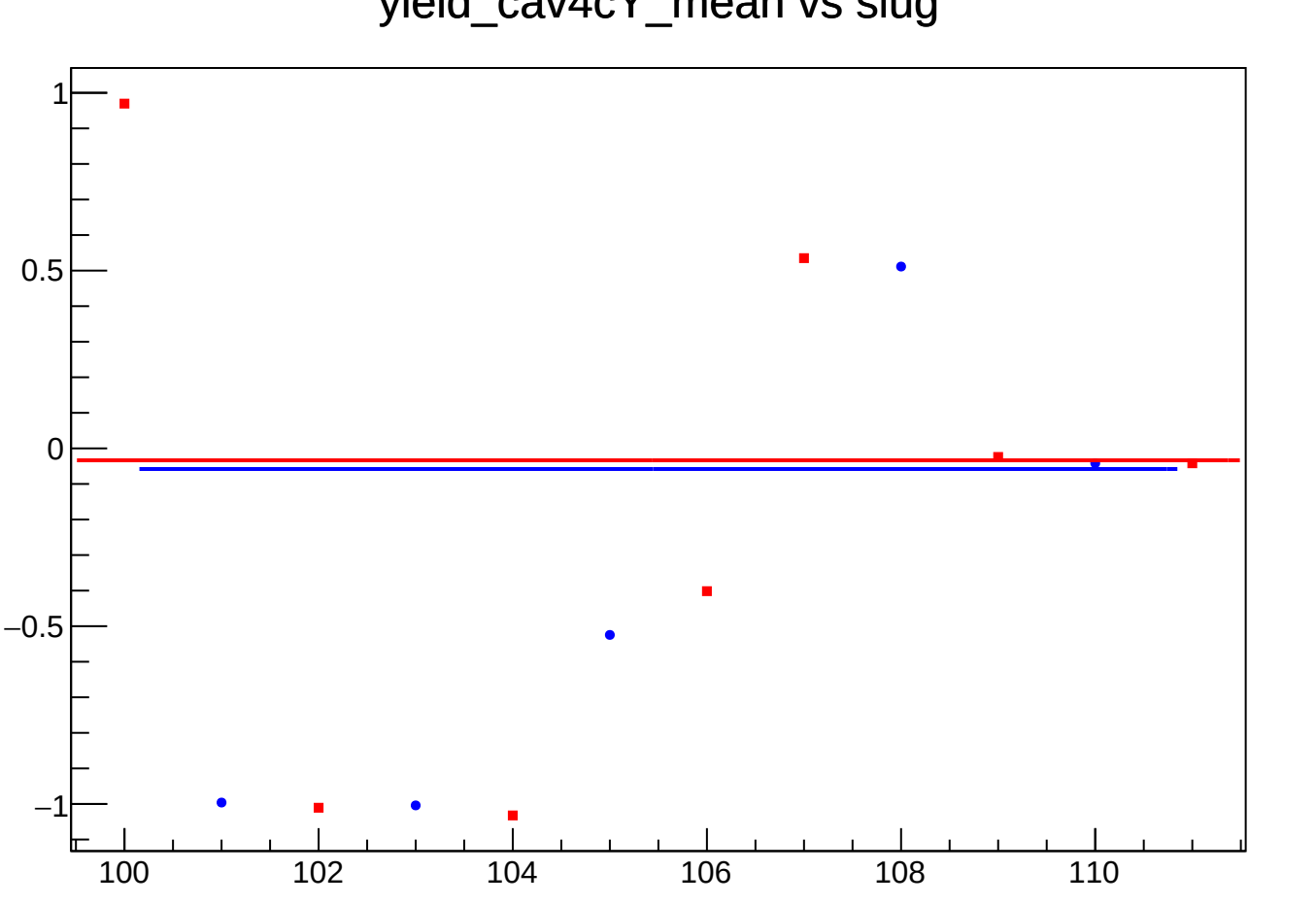
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF: 2653107.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.003+/-0.000 χ^2/NDF: 1451136.9/4

0.002+/-0.000 χ^2/NDF: 2653107.2/6



Right In: -0.058+/-0.000 χ^2/NDF: 3465286603.9/4

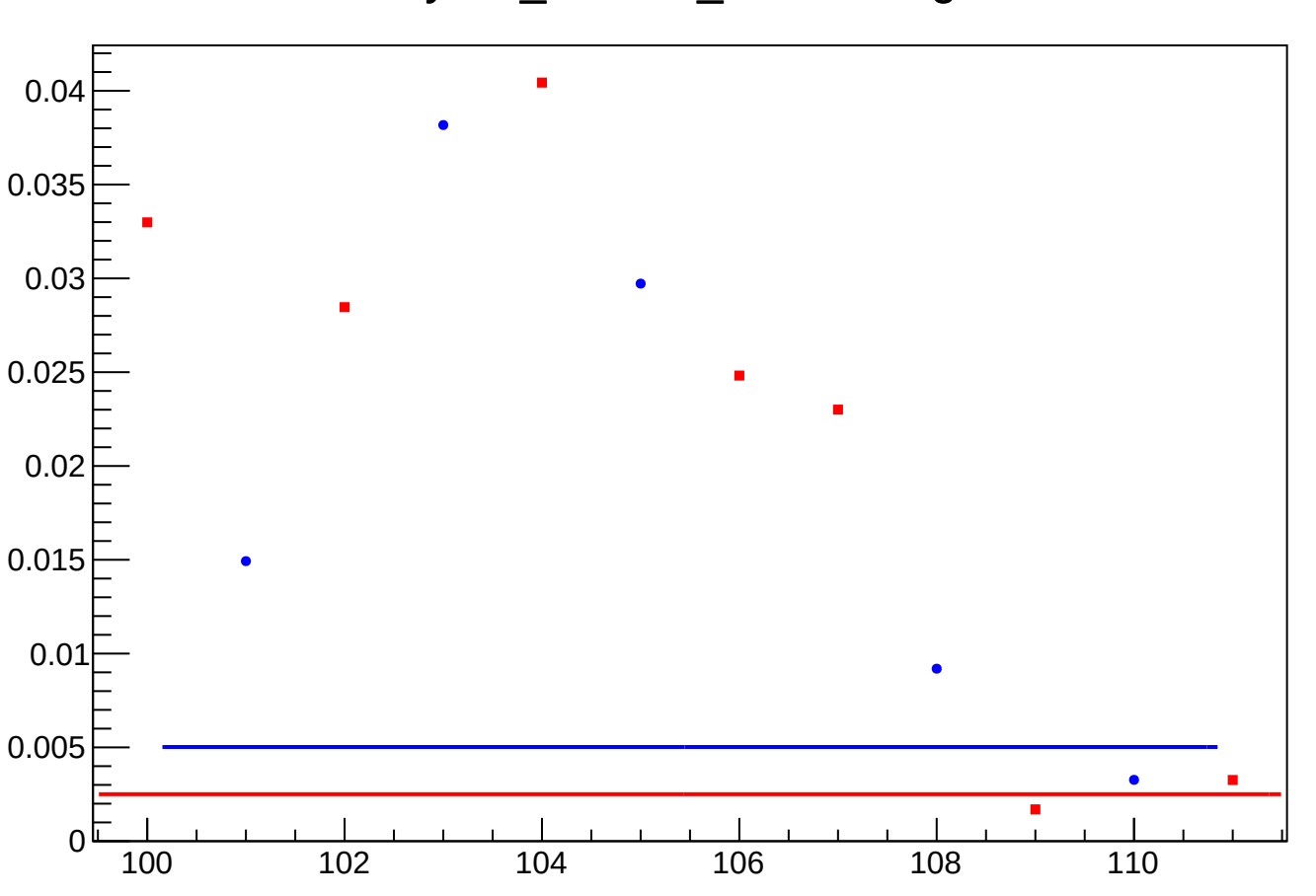
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.034+/-0.000 χ^2/NDF: 1190886882.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.058+/-0.000 χ^2/NDF: 3465286603.9/4

-0.034+/-0.000 χ^2/NDF: 1190886882.3/6



Right In: 0.005+/-0.000 χ^2/NDF: 1585997.0/4

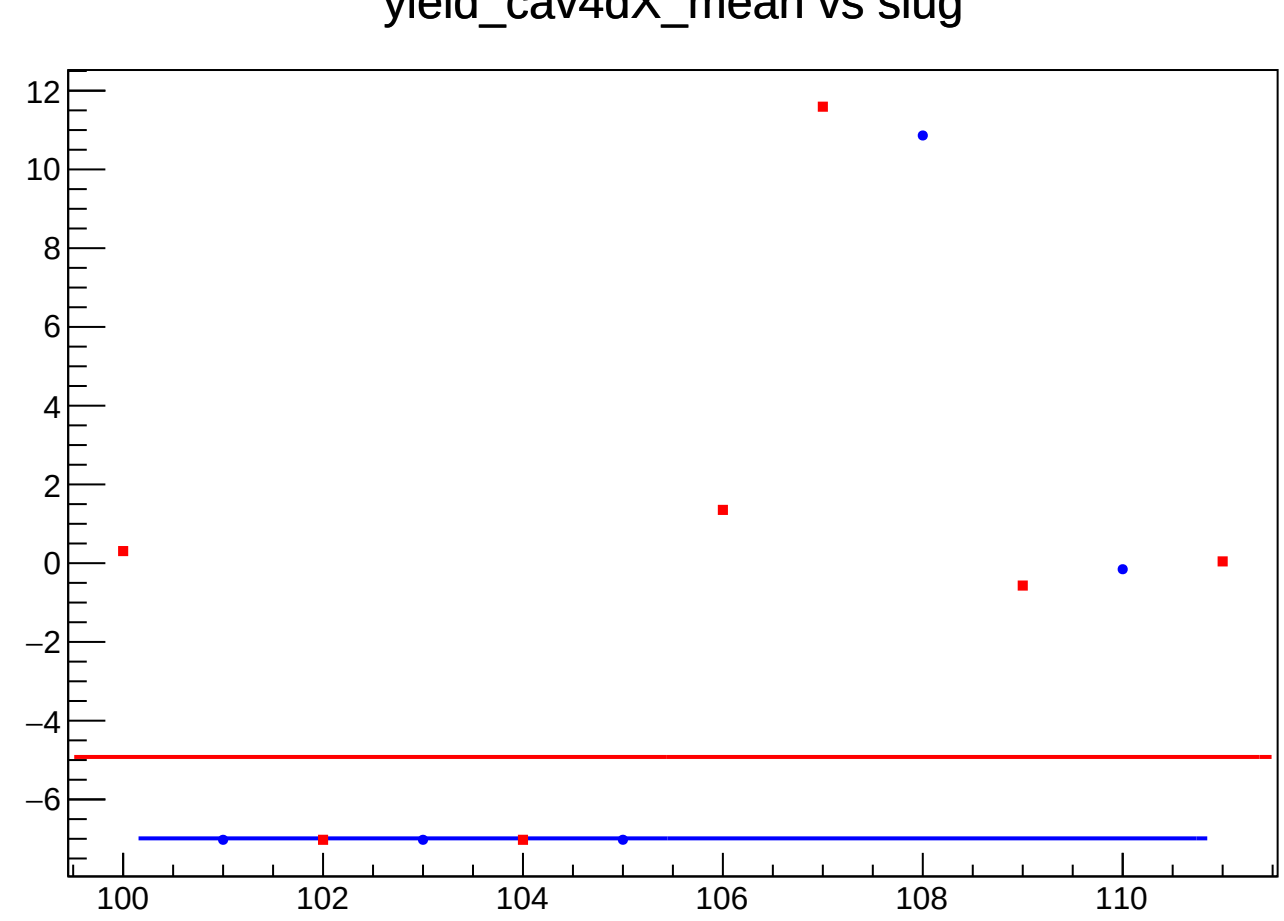
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF: 2823801.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.005+/-0.000 χ^2/NDF: 1585997.0/4

0.003+/-0.000 χ^2/NDF: 2823801.7/6



Right In: -6.989+/-0.000 χ^2/NDF: 6374680879464.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

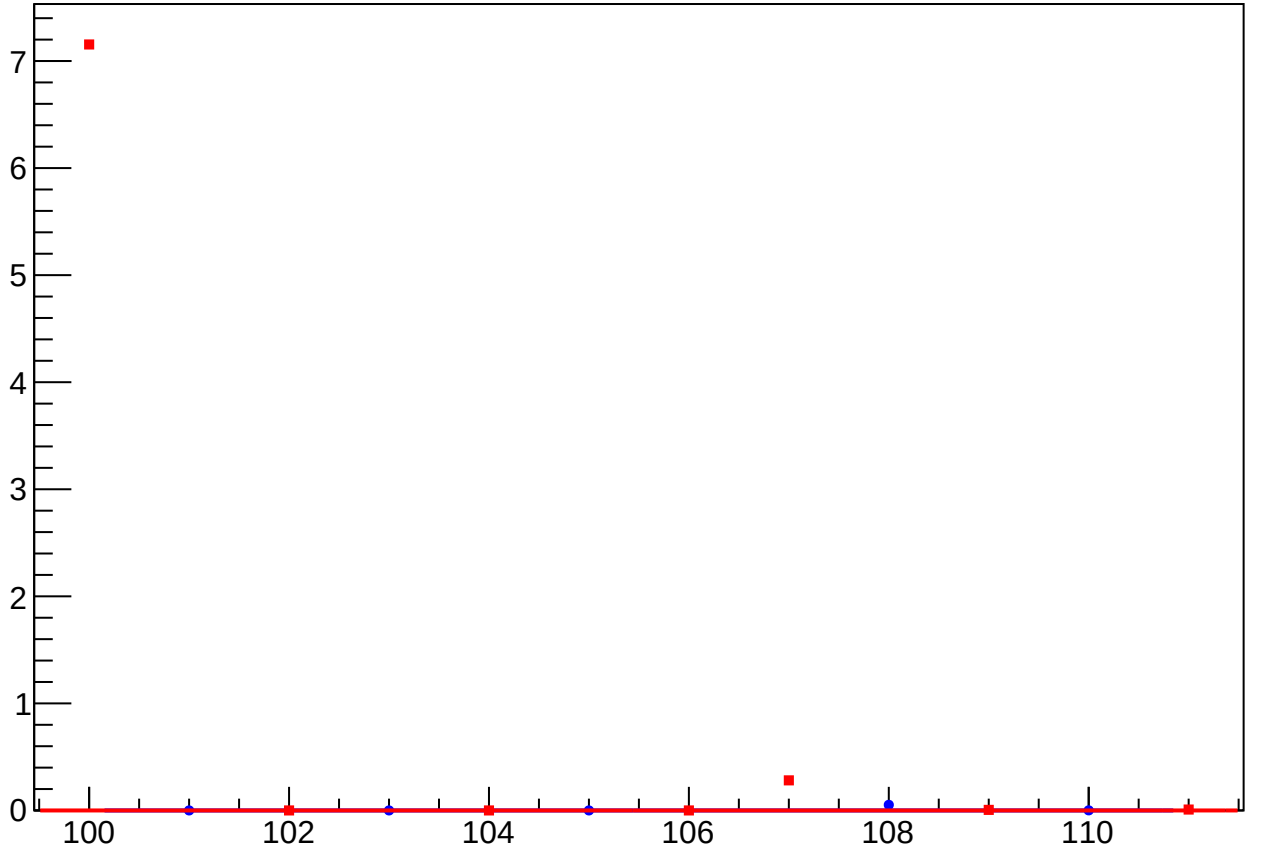
Right Out: -4.921+/-0.000 χ^2/NDF: 364335945370905.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.989+/-0.000 χ^2/NDF: 6374680879464.0/4

-4.921+/-0.000 χ^2/NDF: 364335945370905.6/6

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF: 778531.8/4

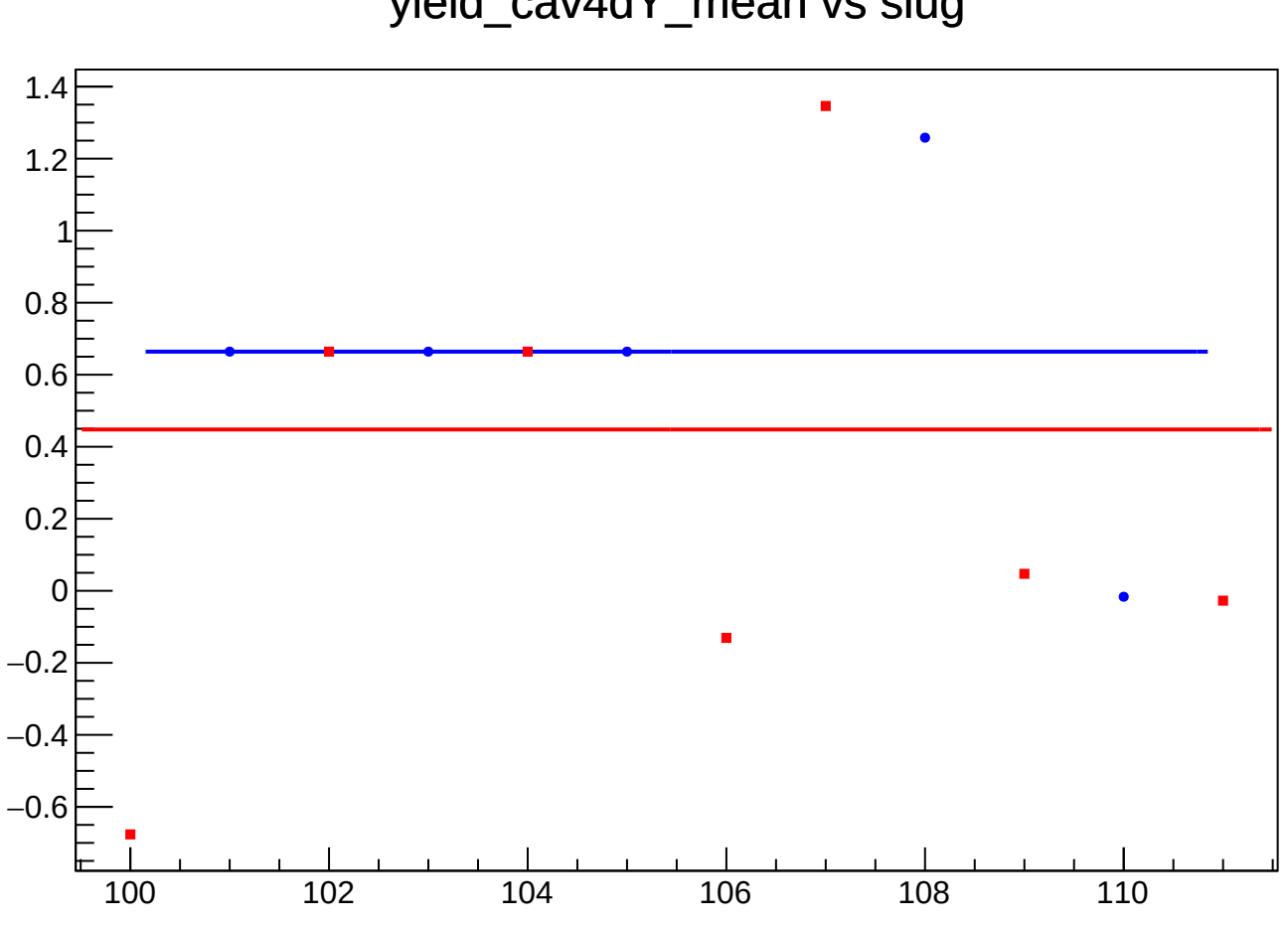
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1748318.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.000+/-0.000 χ^2/NDF: 778531.8/4

0.000+/-0.000 χ^2/NDF: 1748318.8/6



Right In: 0.664+/-0.000 χ^2/NDF: 34494053820.9/4

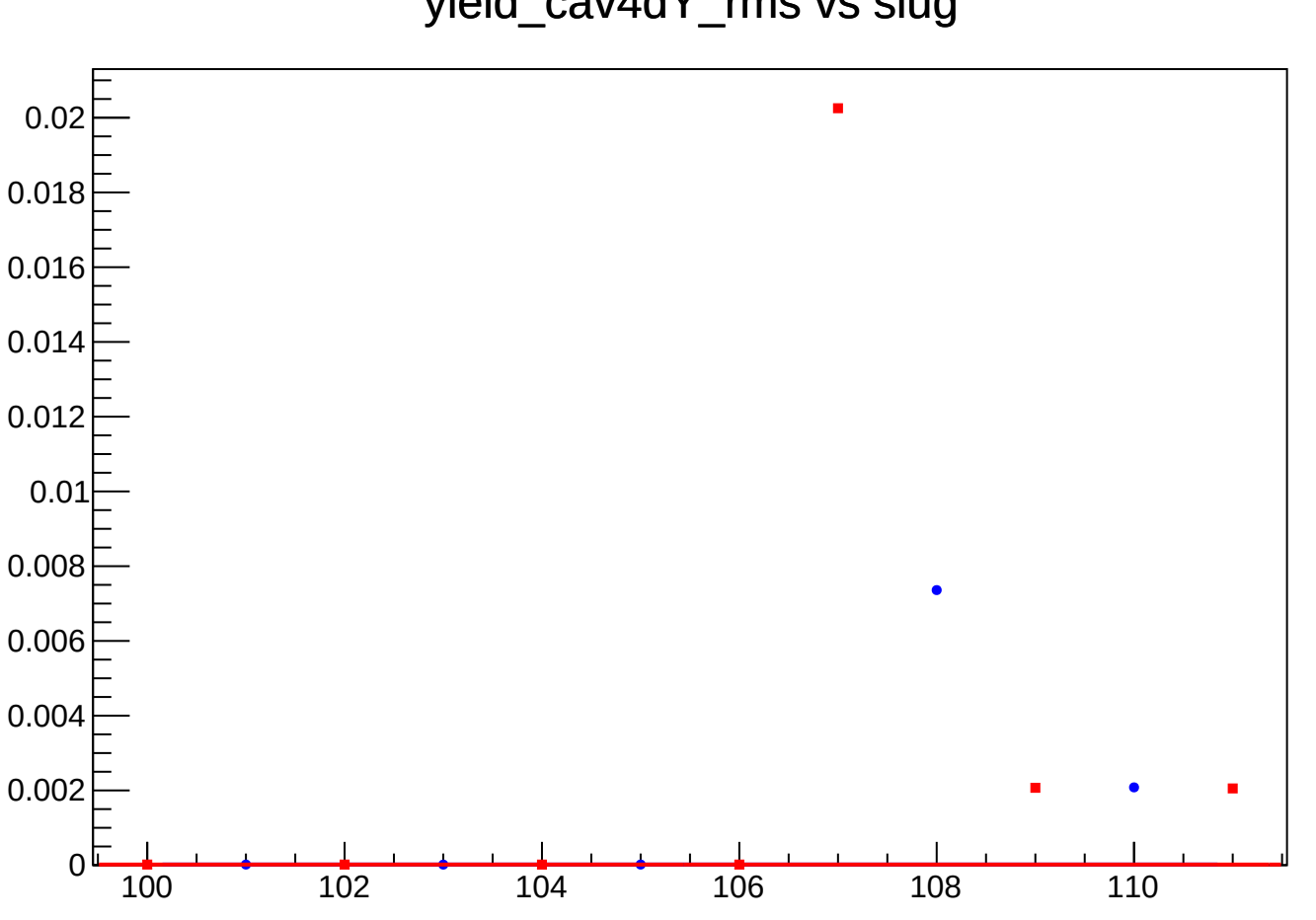
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.448+/-0.000 χ^2/NDF: 402894659238966.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.664+/-0.000 χ^2/NDF: 34494053820.9/4

0.448+/-0.000 χ^2/NDF: 402894659238966.6/6



Right In: 0.000+/-0.000 χ^2/NDF: 1233234.1/4

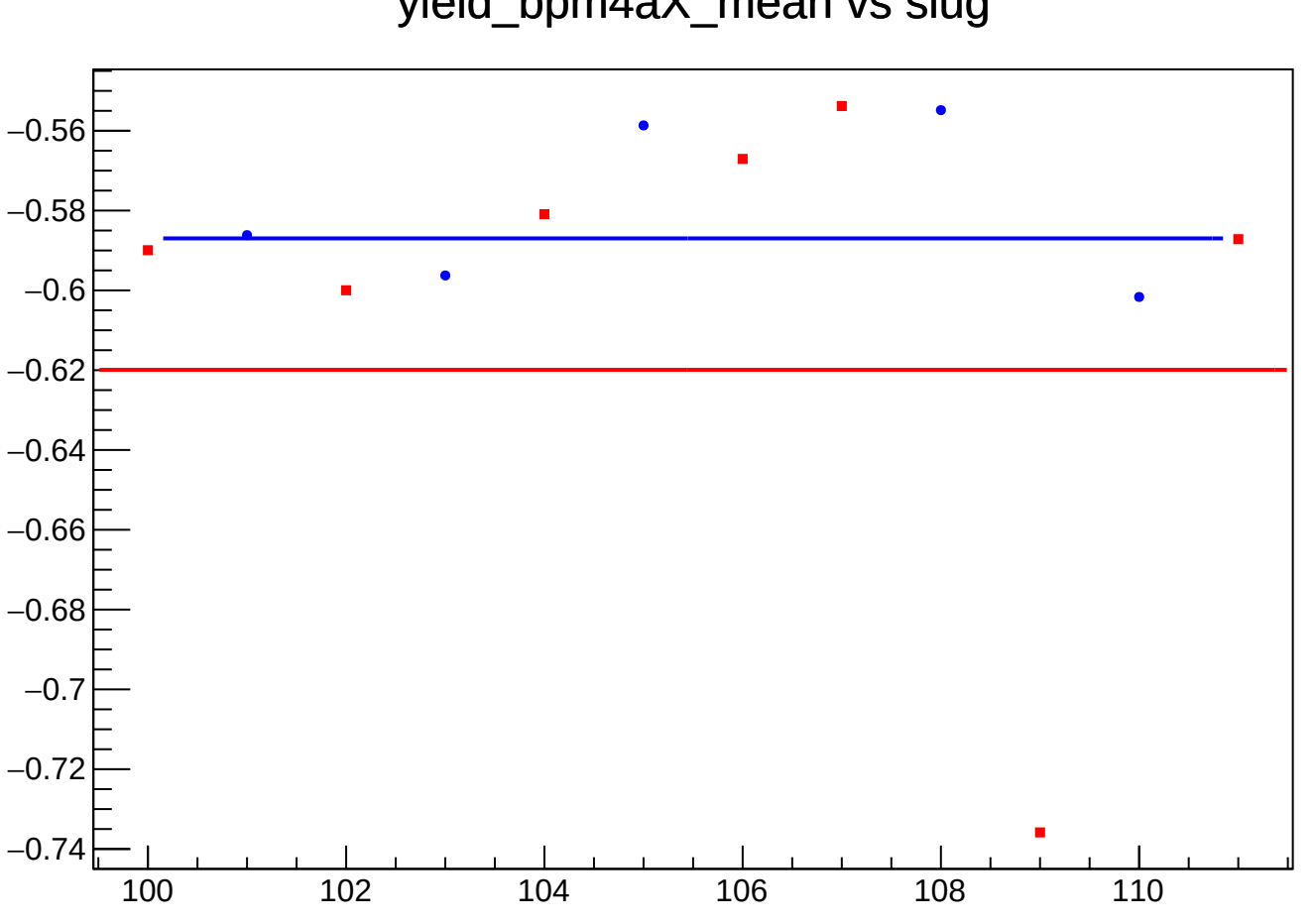
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 1526076.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.000+/-0.000 χ^2/NDF: 1233234.1/4

0.000+/-0.000 χ^2/NDF: 1526076.6/6



Right In: -0.587+/-0.000 χ^2/NDF: 371050.9/4

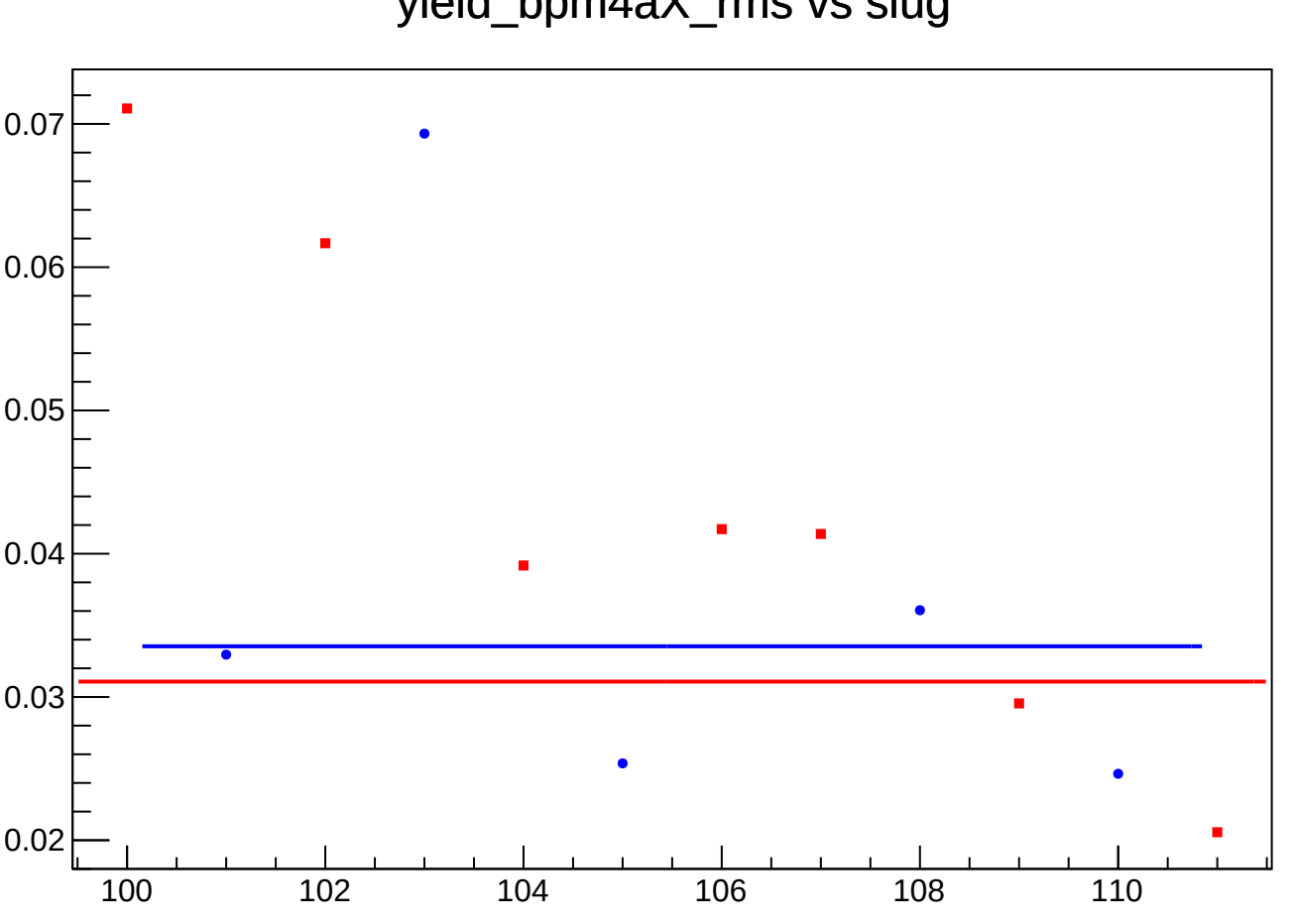
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

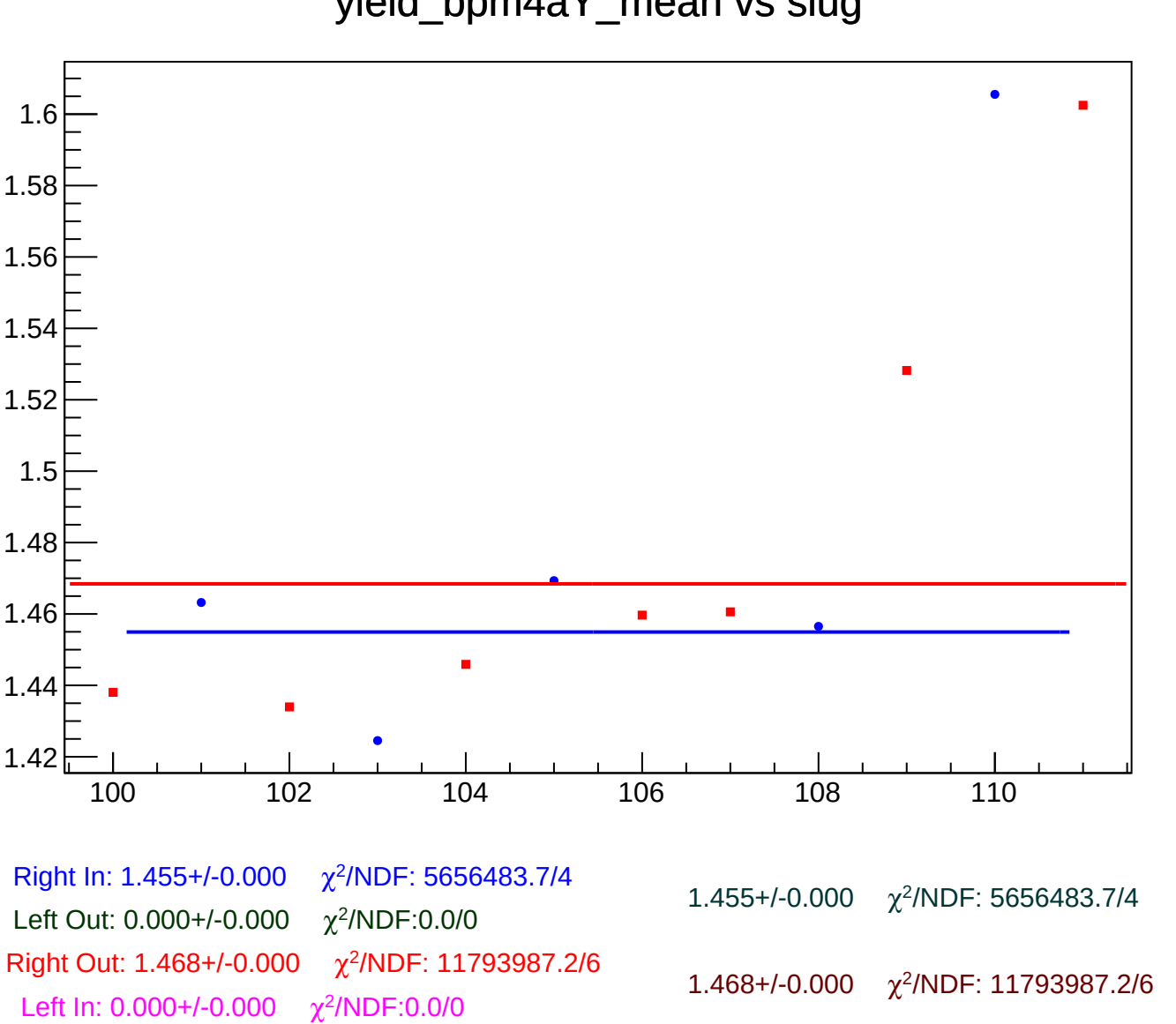
Right Out: -0.620+/-0.000 χ^2/NDF: 9208772.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

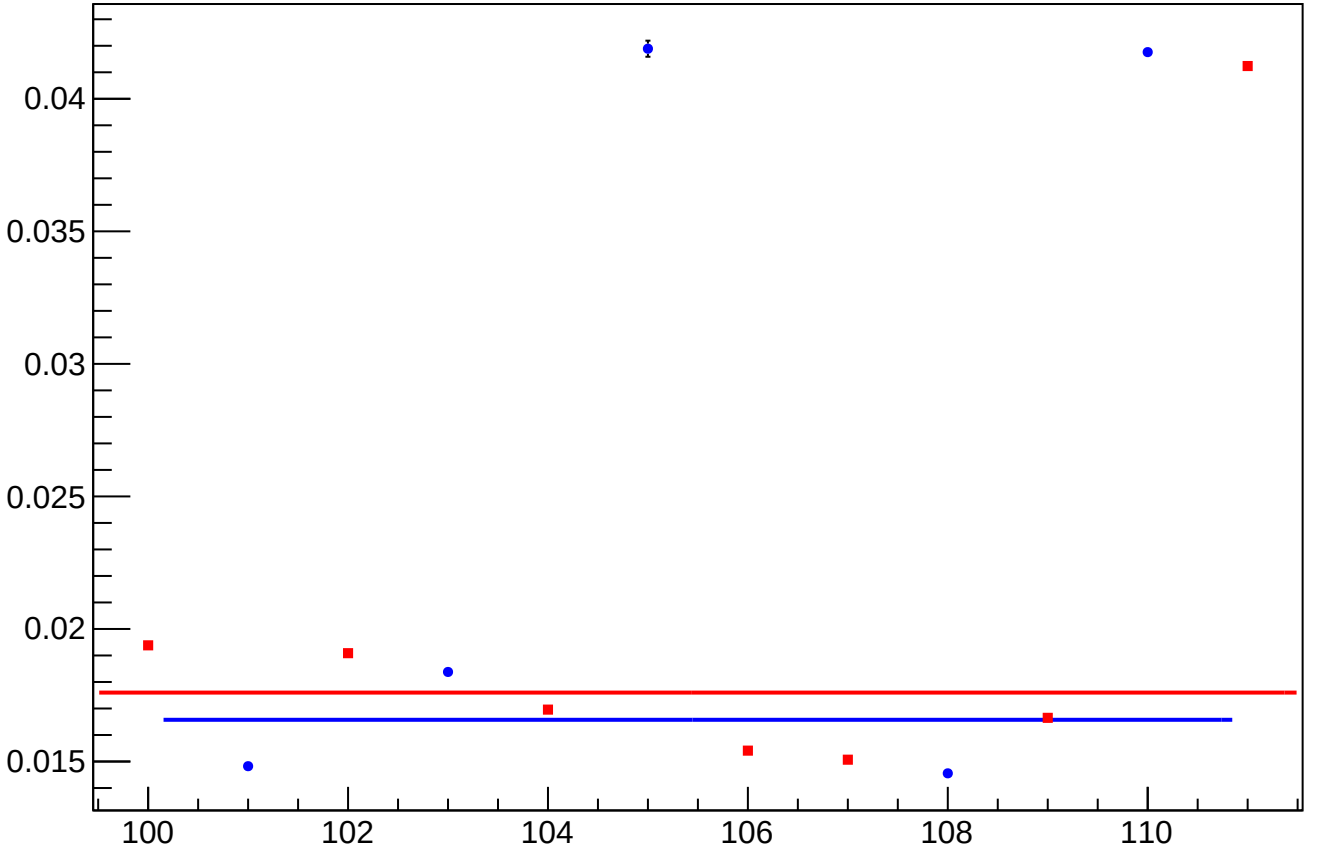
-0.587+/-0.000 χ^2/NDF: 371050.9/4

-0.620+/-0.000 χ^2/NDF: 9208772.5/6


yield_bpm4aX_rms vs slug
0.07
0.06
0.05
0.04
0.03
0.02
100
102
104
106
108
110
Right In: 0.034+/-0.000 χ²/NDF: 383265.5/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.031+/-0.000 χ²/NDF: 573880.3/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.034+/-0.000 χ²/NDF: 383265.5/4
0.031+/-0.000 χ²/NDF: 573880.3/6


yield_bpm4aY_mean vs slug
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
100
102
104
106
108
110
Right In: 1.455+/-0.000 χ²/NDF: 5656483.7/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1.468+/-0.000 χ²/NDF: 11793987.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
1.455+/-0.000 χ²/NDF: 5656483.7/4
1.468+/-0.000 χ²/NDF: 11793987.2/6

yield_bpm4aY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF: 268164.7/4

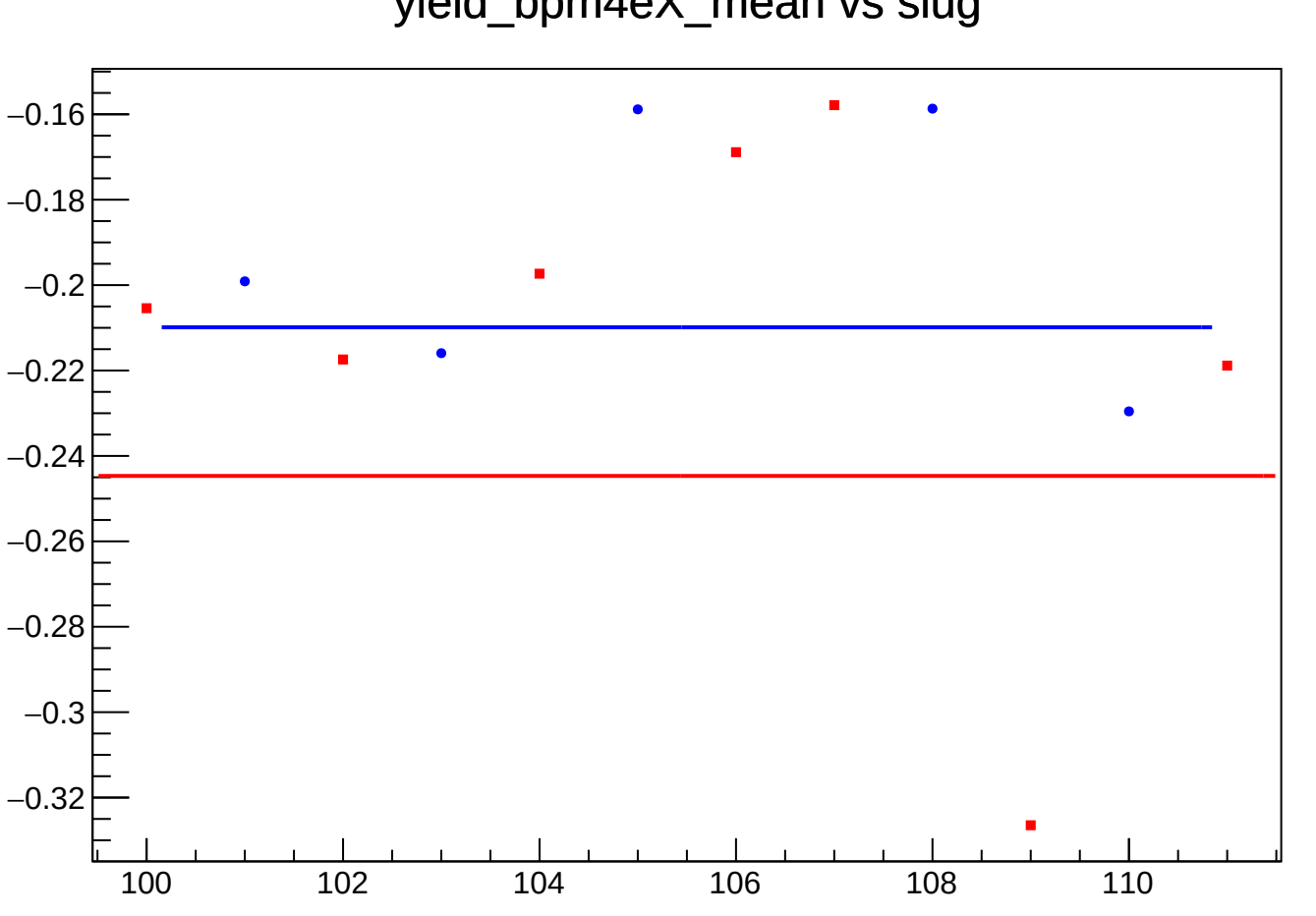
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF: 305682.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.017+/-0.000 χ^2/NDF: 268164.7/4

0.018+/-0.000 χ^2/NDF: 305682.0/6



Right In: -0.210+/-0.000 χ^2/NDF: 1037382.2/4

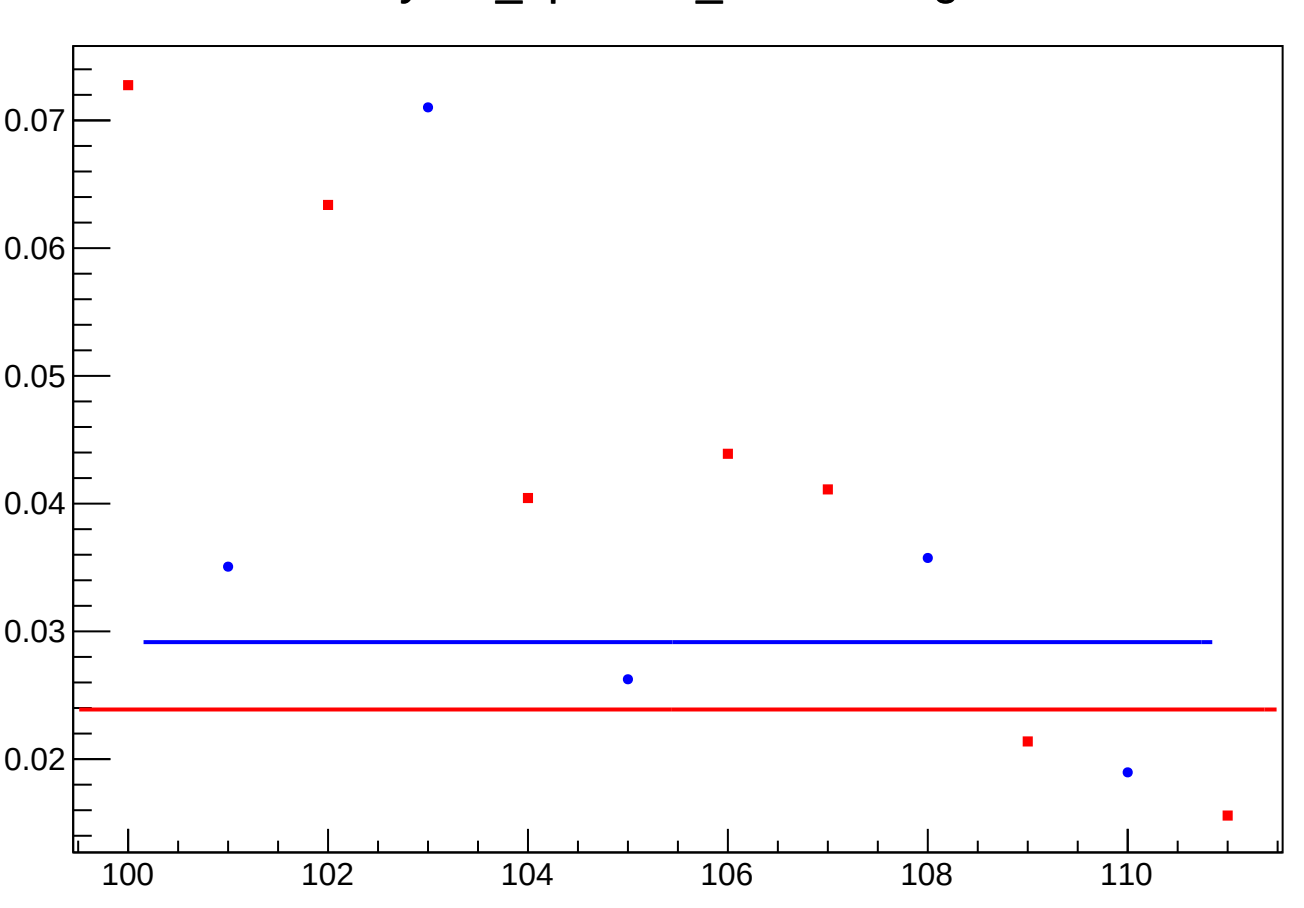
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

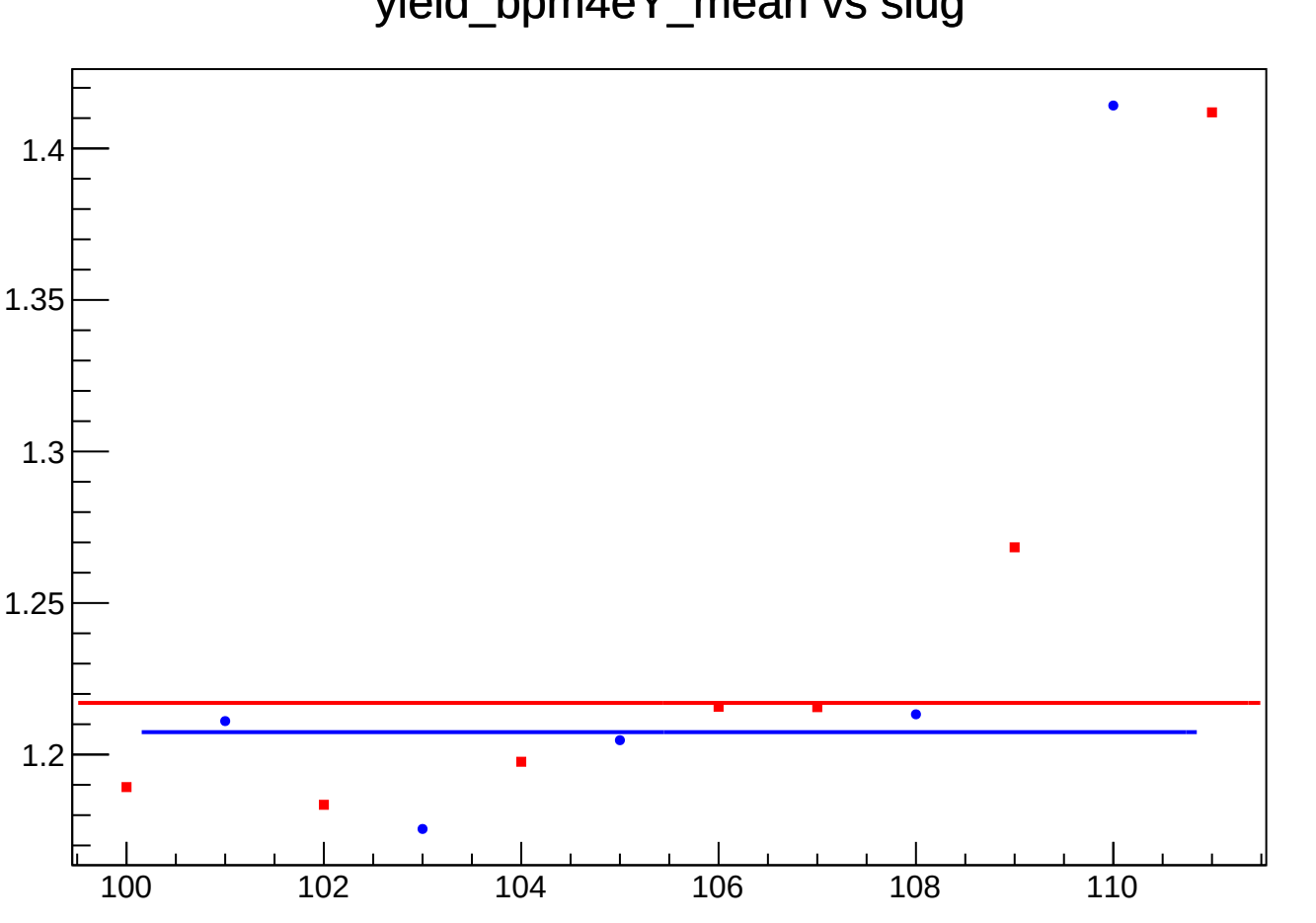
Right Out: -0.245+/-0.000 χ^2/NDF: 9881388.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.210+/-0.000 χ^2/NDF: 1037382.2/4

-0.245+/-0.000 χ^2/NDF: 9881388.8/6


yield_bpm4eX_rms vs slug
0.07
0.06
0.05
0.04
0.03
0.02
100
102
104
106
108
110
Right In: 0.029+/-0.000 χ²/NDF: 614685.8/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.024+/-0.000 χ²/NDF: 987380.6/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.029+/-0.000 χ²/NDF: 614685.8/4
0.024+/-0.000 χ²/NDF: 987380.6/6



Right In: 1.207+/-0.000 χ^2/NDF: 10458489.6/4

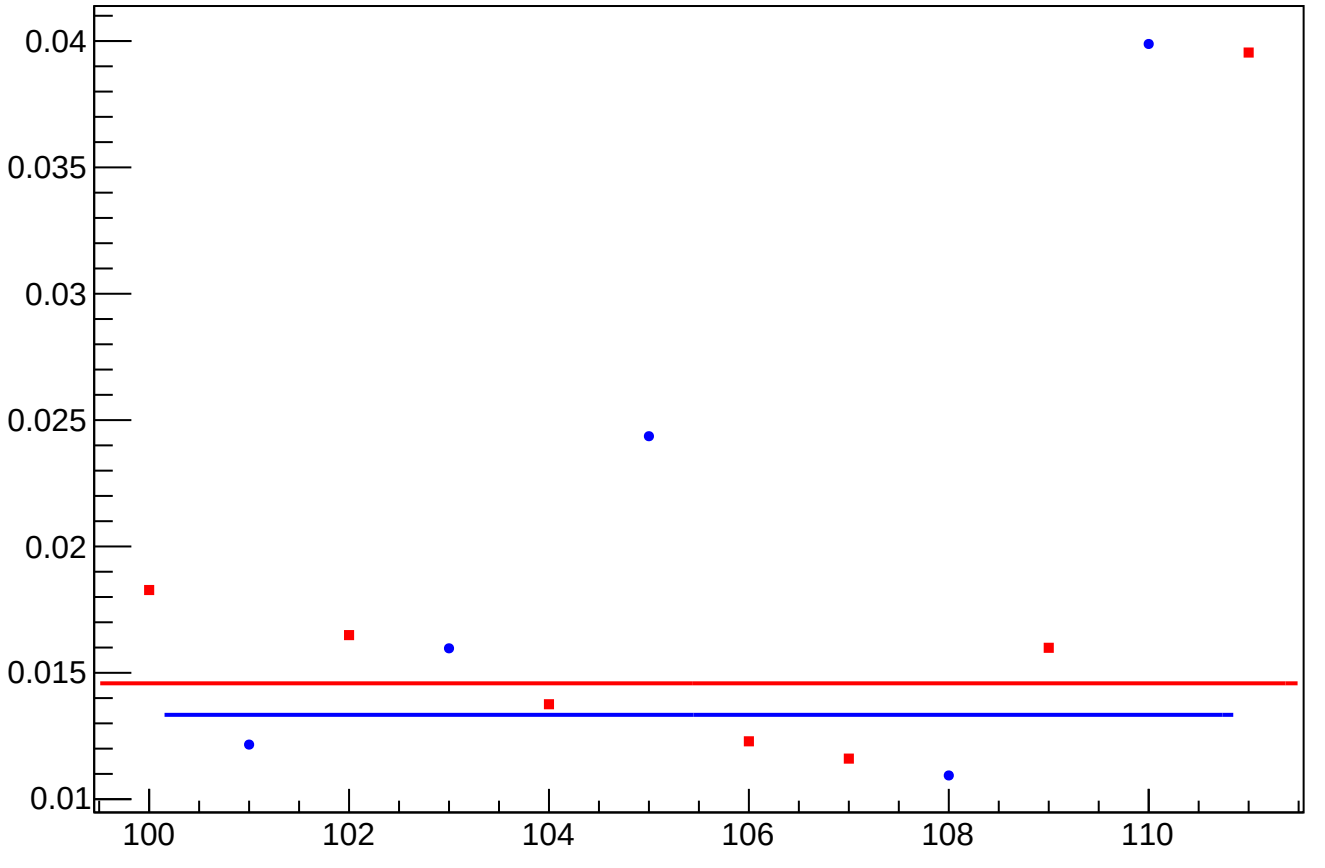
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

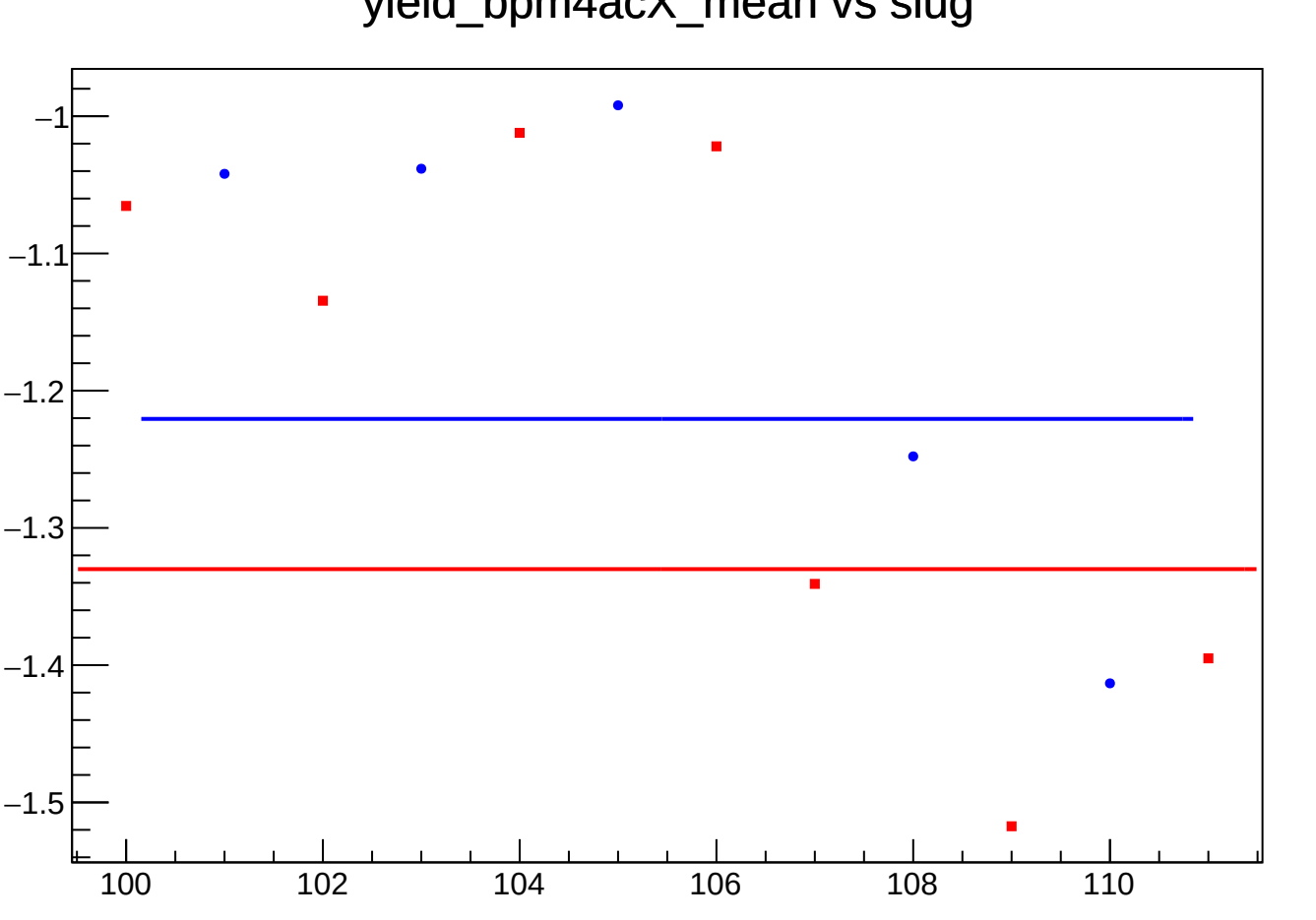
Right Out: 1.217+/-0.000 χ^2/NDF: 16611197.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.207+/-0.000 χ^2/NDF: 10458489.6/4

1.217+/-0.000 χ^2/NDF: 16611197.8/6


yield_bpm4eY_rms vs slug
0.04
0.035
0.03
0.025
0.02
0.015
0.01
100
102
104
106
108
110
Right In: 0.013+/-0.000 χ²/NDF: 343445.5/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.015+/-0.000 χ²/NDF: 408259.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.013+/-0.000 χ²/NDF: 343445.5/4
0.015+/-0.000 χ²/NDF: 408259.2/6



Right In: -1.221+/-0.000 χ^2/NDF: 38408383.2/4

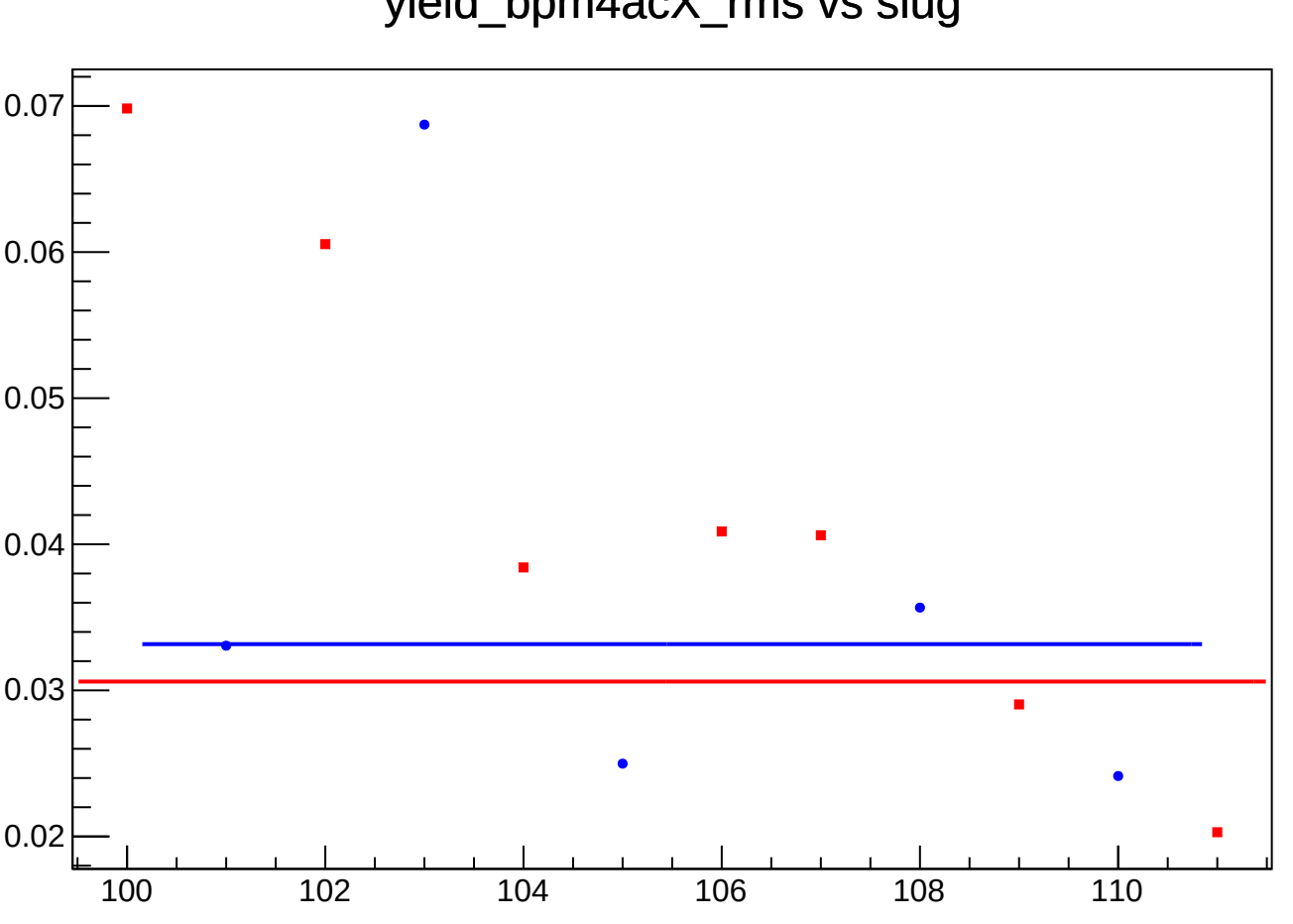
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.330+/-0.000 χ^2/NDF: 67027386.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.221+/-0.000 χ^2/NDF: 38408383.2/4

-1.330+/-0.000 χ^2/NDF: 67027386.5/6



Right In: 0.033+/-0.000 χ^2/NDF: 389219.3/4

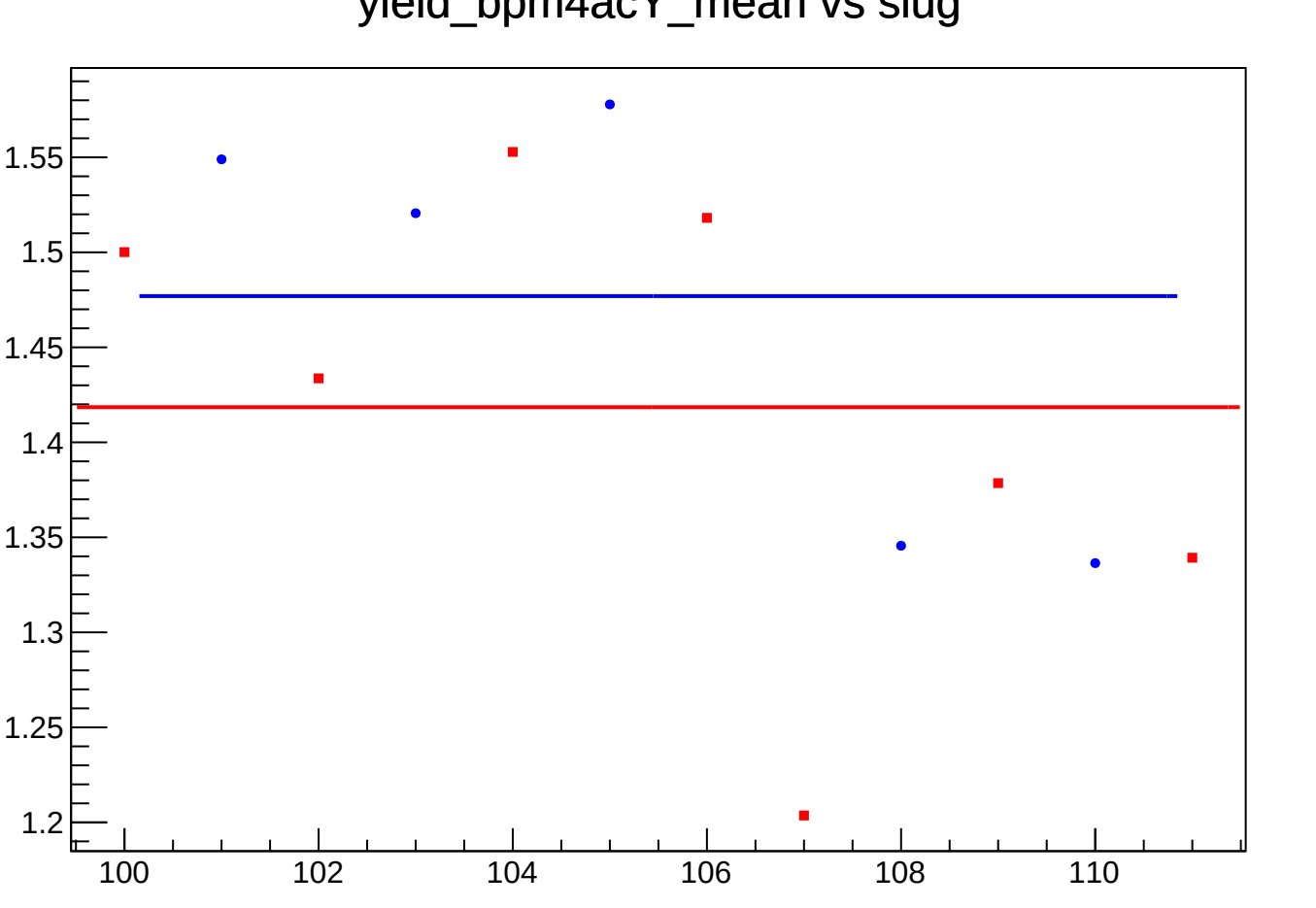
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF: 567216.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.033+/-0.000 χ^2/NDF: 389219.3/4

0.031+/-0.000 χ^2/NDF: 567216.6/6



Right In: 1.477+/-0.000 χ^2/NDF: 42577775.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

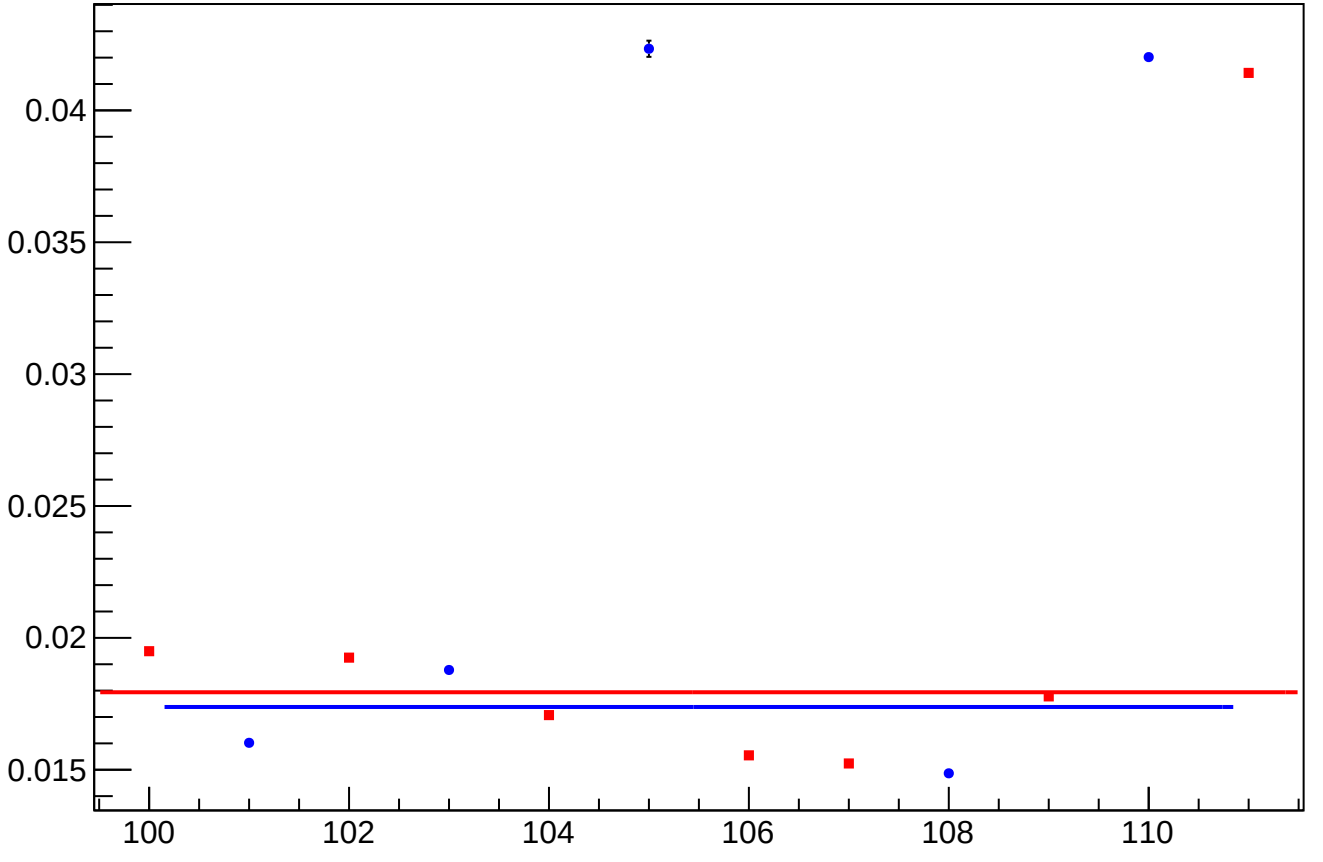
Right Out: 1.419+/-0.000 χ^2/NDF: 105590603.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.477+/-0.000 χ^2/NDF: 42577775.2/4

1.419+/-0.000 χ^2/NDF: 105590603.7/6

yield_bpm4acY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF: 249361.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

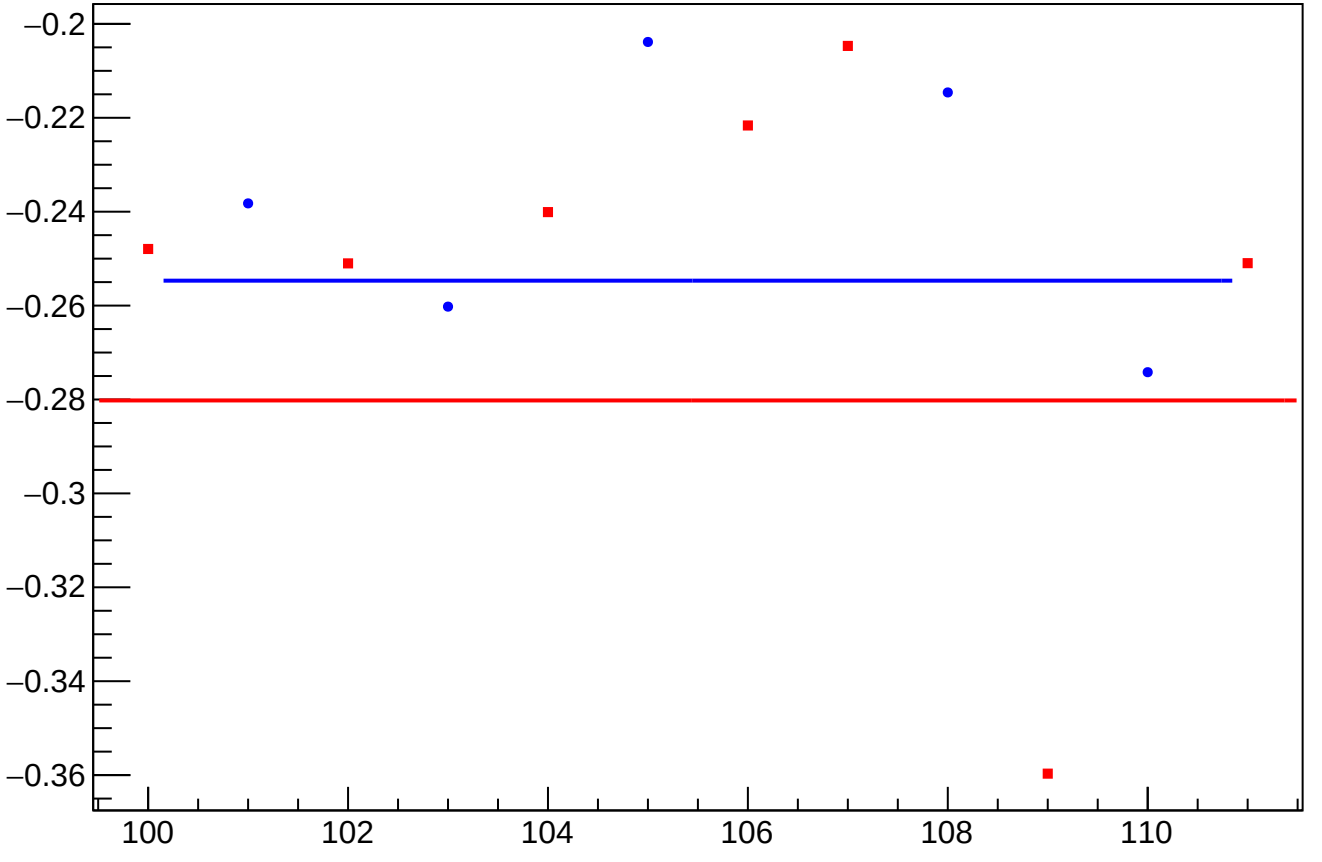
Right Out: 0.018+/-0.000 χ^2/NDF: 300448.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.017+/-0.000 χ^2/NDF: 249361.5/4

0.018+/-0.000 χ^2/NDF: 300448.1/6

yield_bpm4ecX_mean vs slug



Right In: -0.255+/-0.000 χ^2/NDF: 831115.8/4

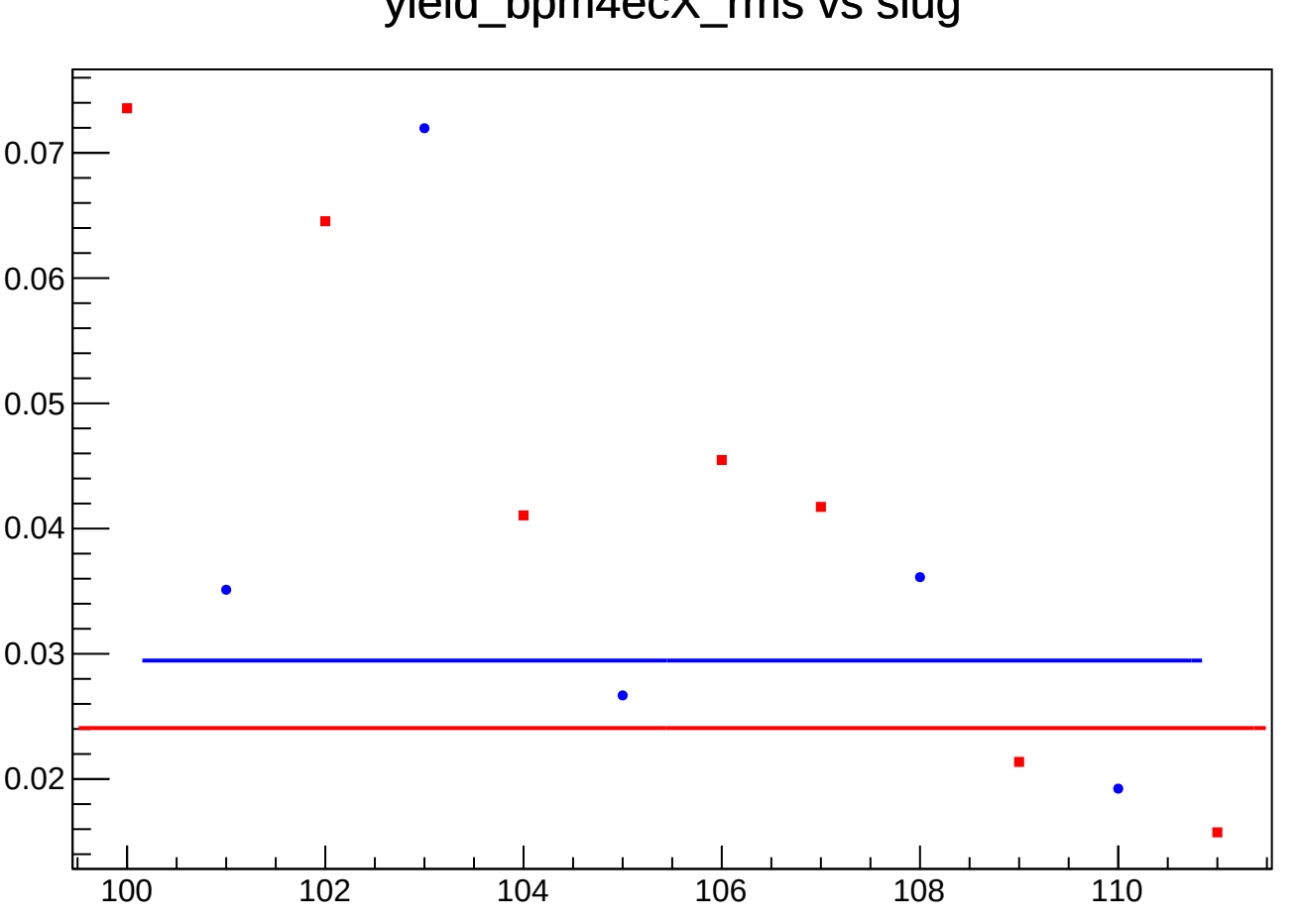
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.280+/-0.000 χ^2/NDF: 8961354.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.255+/-0.000 χ^2/NDF: 831115.8/4

-0.280+/-0.000 χ^2/NDF: 8961354.5/6



Right In: 0.029+/-0.000 χ^2/NDF: 609568.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

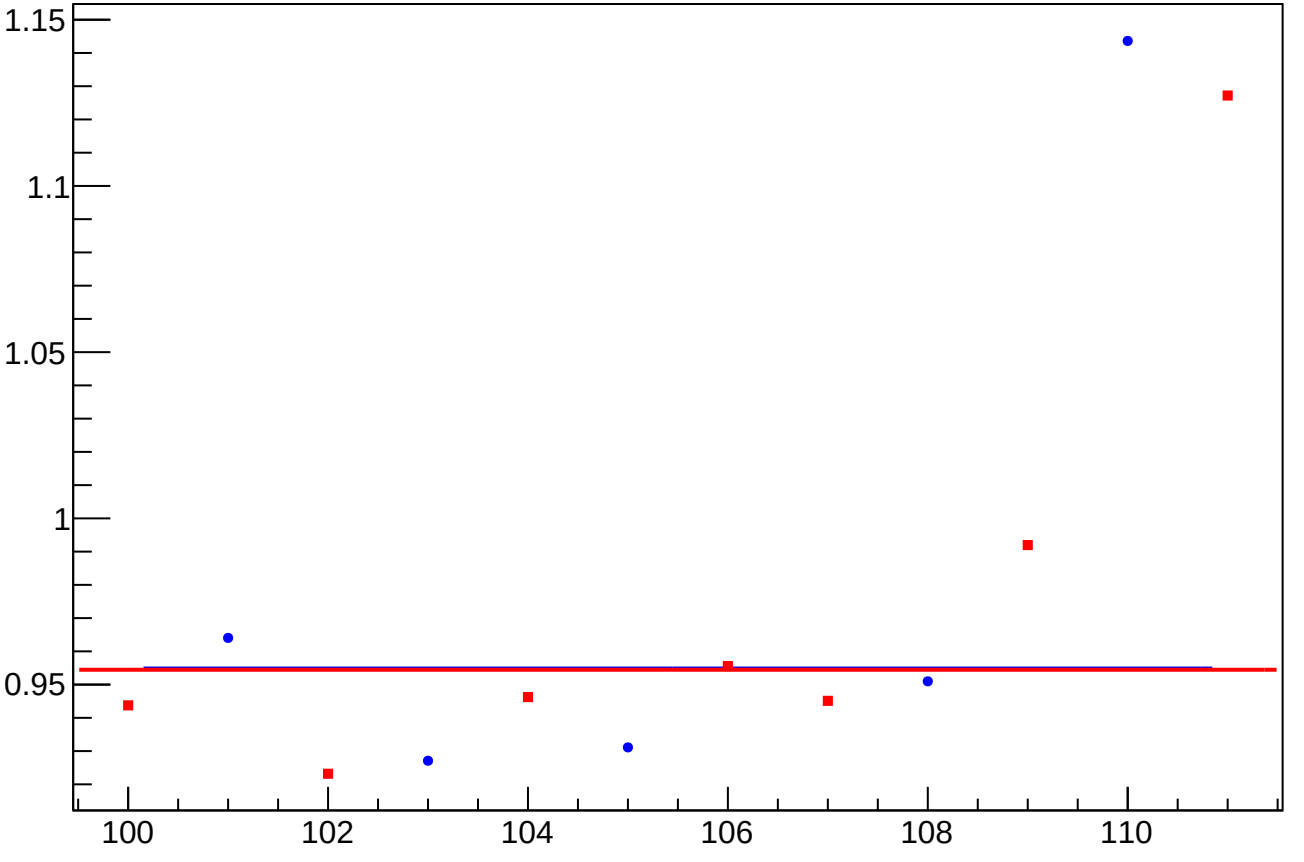
Right Out: 0.024+/-0.000 χ^2/NDF: 1004680.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.029+/-0.000 χ^2/NDF: 609568.6/4

0.024+/-0.000 χ^2/NDF: 1004680.5/6

yield_bpm4ecY_mean vs slug



Right In: 0.955+/-0.000 χ^2/NDF: 9035596.0/4

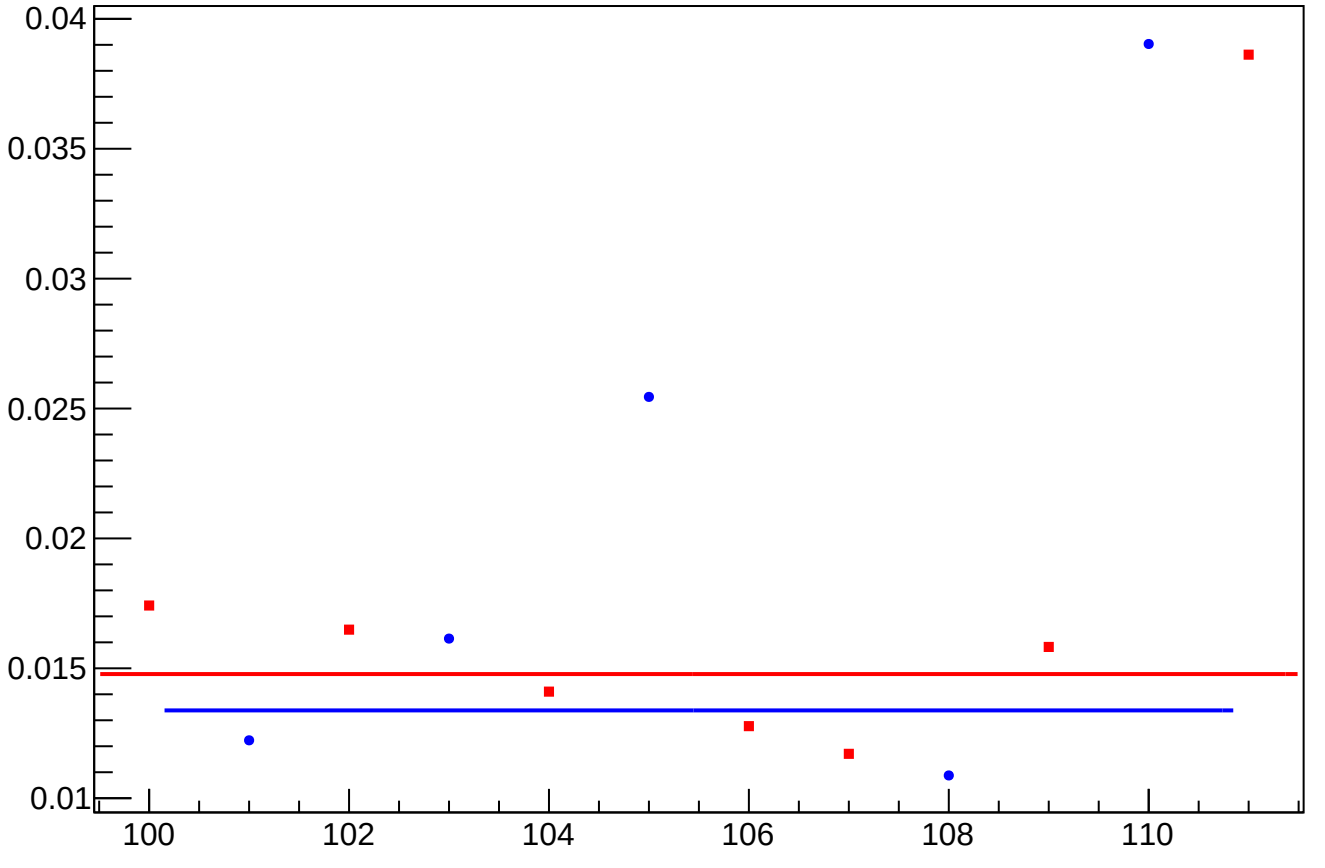
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.954+/-0.000 χ^2/NDF: 12283292.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.955+/-0.000 χ^2/NDF: 9035596.0/4

0.954+/-0.000 χ^2/NDF: 12283292.4/6



Right In: 0.013+/-0.000 χ^2/NDF: 342234.8/4

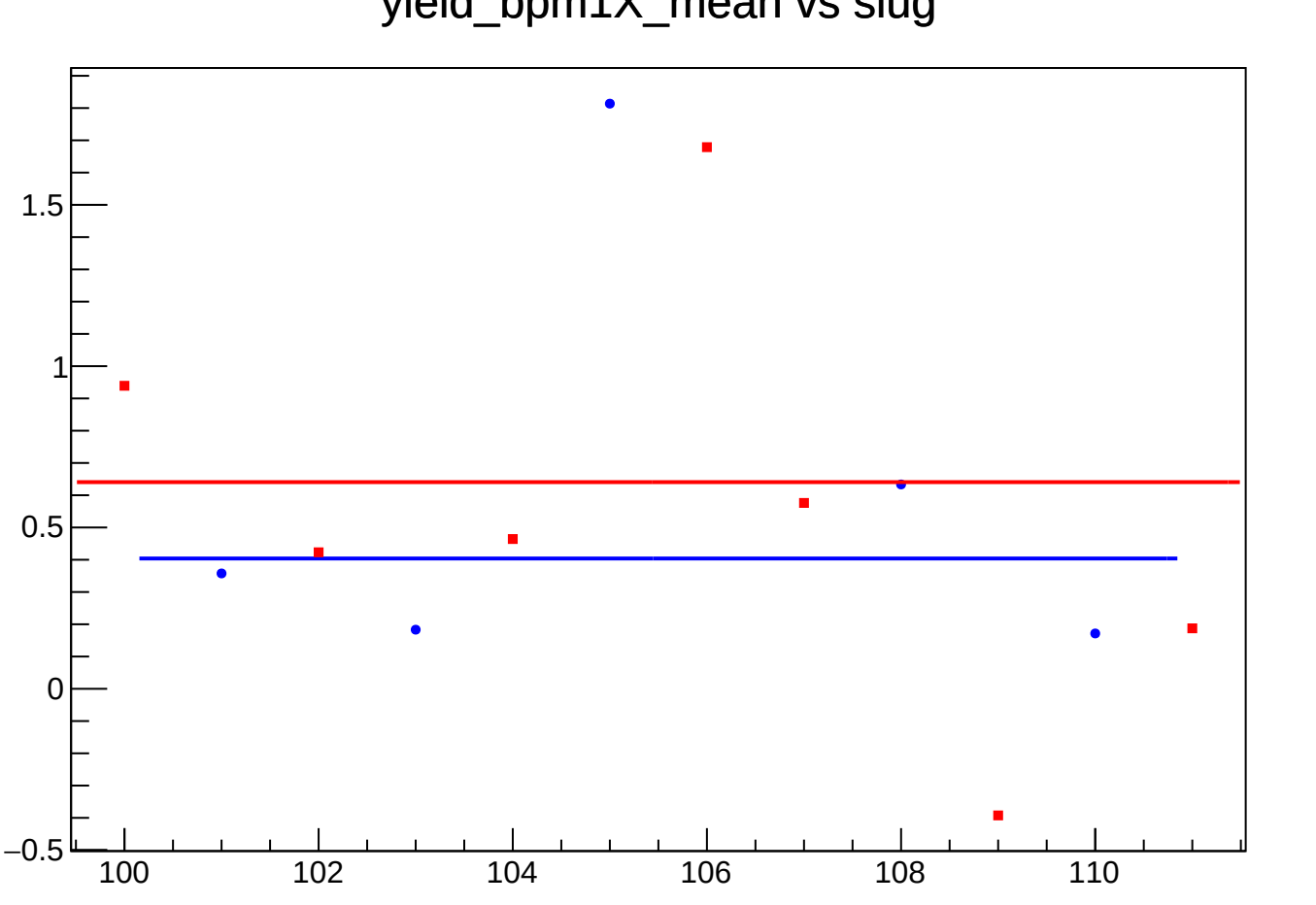
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF: 382843.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.013+/-0.000 χ^2/NDF: 342234.8/4

0.015+/-0.000 χ^2/NDF: 382843.9/6



Right In: 0.404+/-0.000 χ^2/NDF: 67386548.7/4

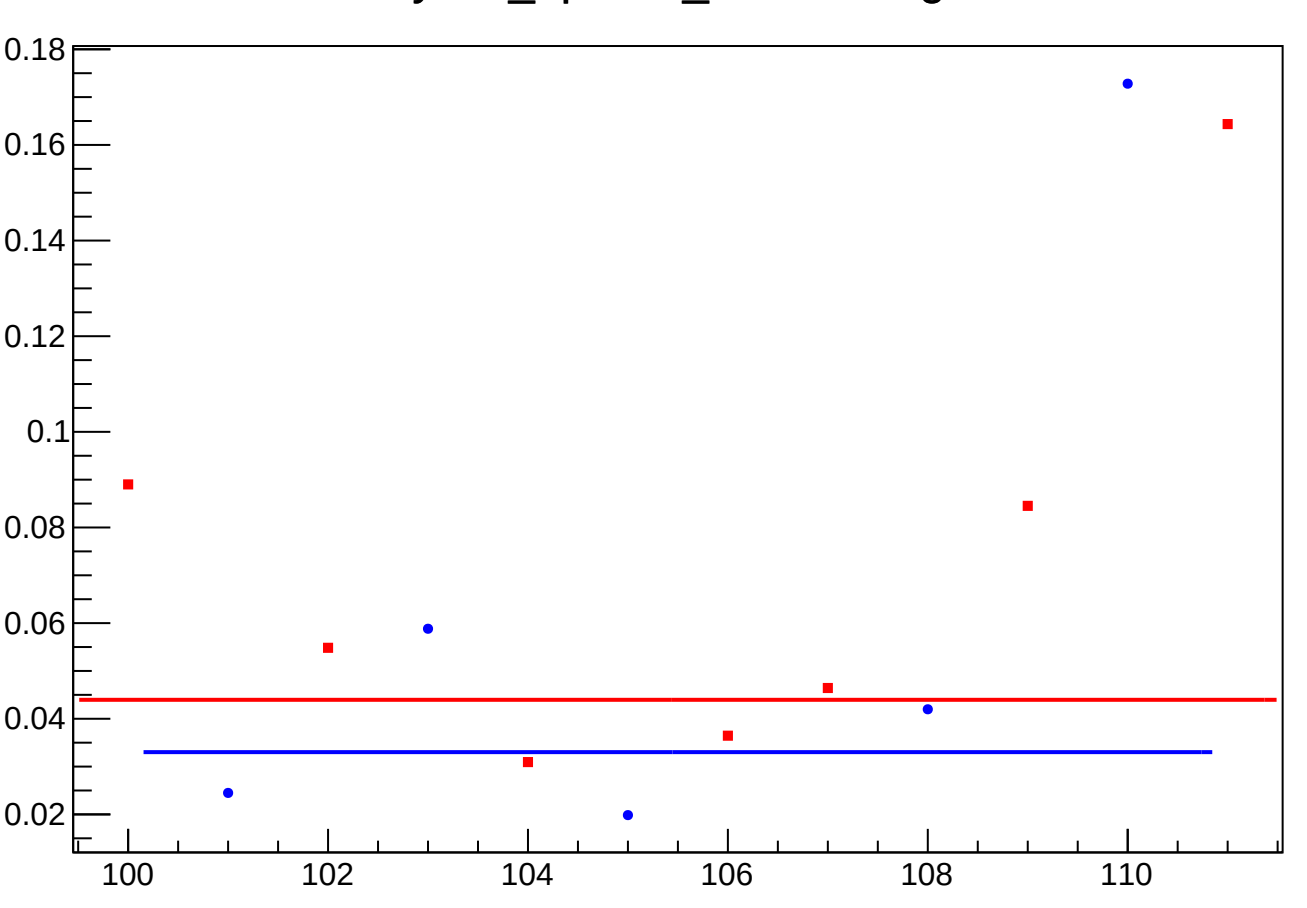
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

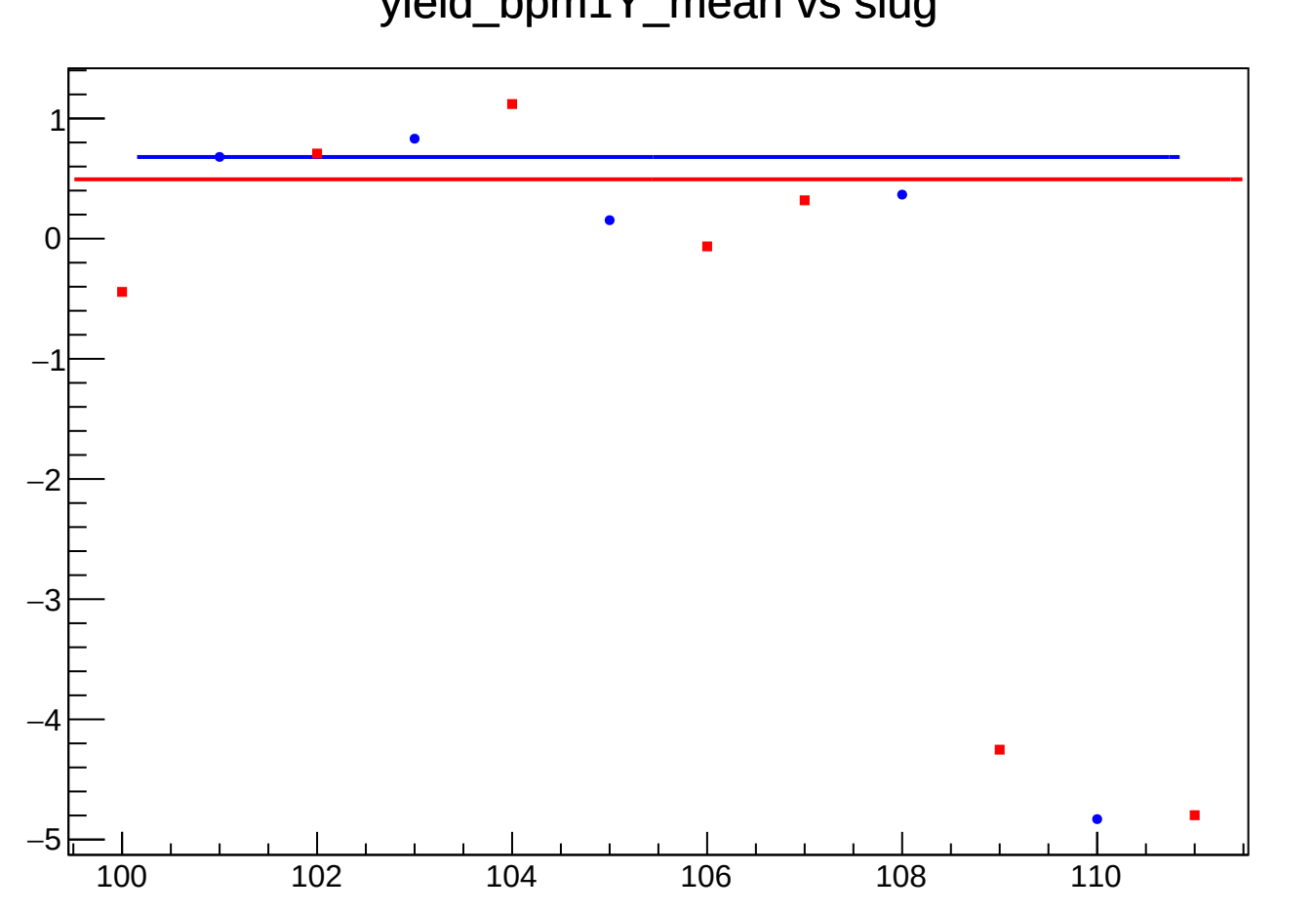
Right Out: 0.641+/-0.000 χ^2/NDF: 261867457.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.404+/-0.000 χ^2/NDF: 67386548.7/4

0.641+/-0.000 χ^2/NDF: 261867457.8/6


yield_bpm1X_rms vs slug
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
100
102
104
106
108
110
Right In: 0.033+/-0.000 χ²/NDF: 800987.0/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.044+/-0.000 χ²/NDF: 844868.0/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.033+/-0.000 χ²/NDF: 800987.0/4
0.044+/-0.000 χ²/NDF: 844868.0/6



Right In: 0.679+/-0.000 χ^2/NDF: 500070417.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

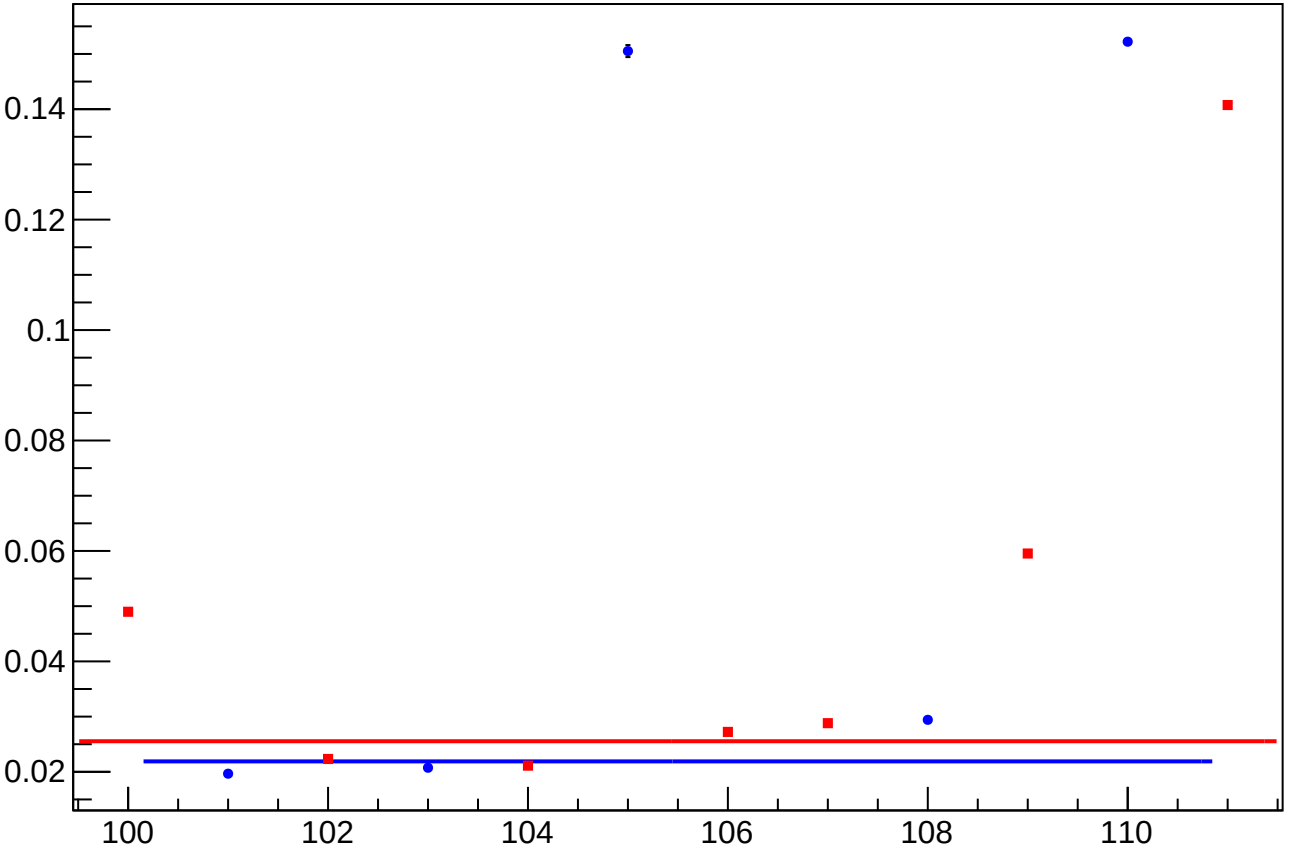
Right Out: 0.494+/-0.000 χ^2/NDF: 3398567263.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.679+/-0.000 χ^2/NDF: 500070417.4/4

0.494+/-0.000 χ^2/NDF: 3398567263.0/6

yield_bpm1Y_rms vs slug



Right In: 0.022+/-0.000 χ^2/NDF: 560124.6/4

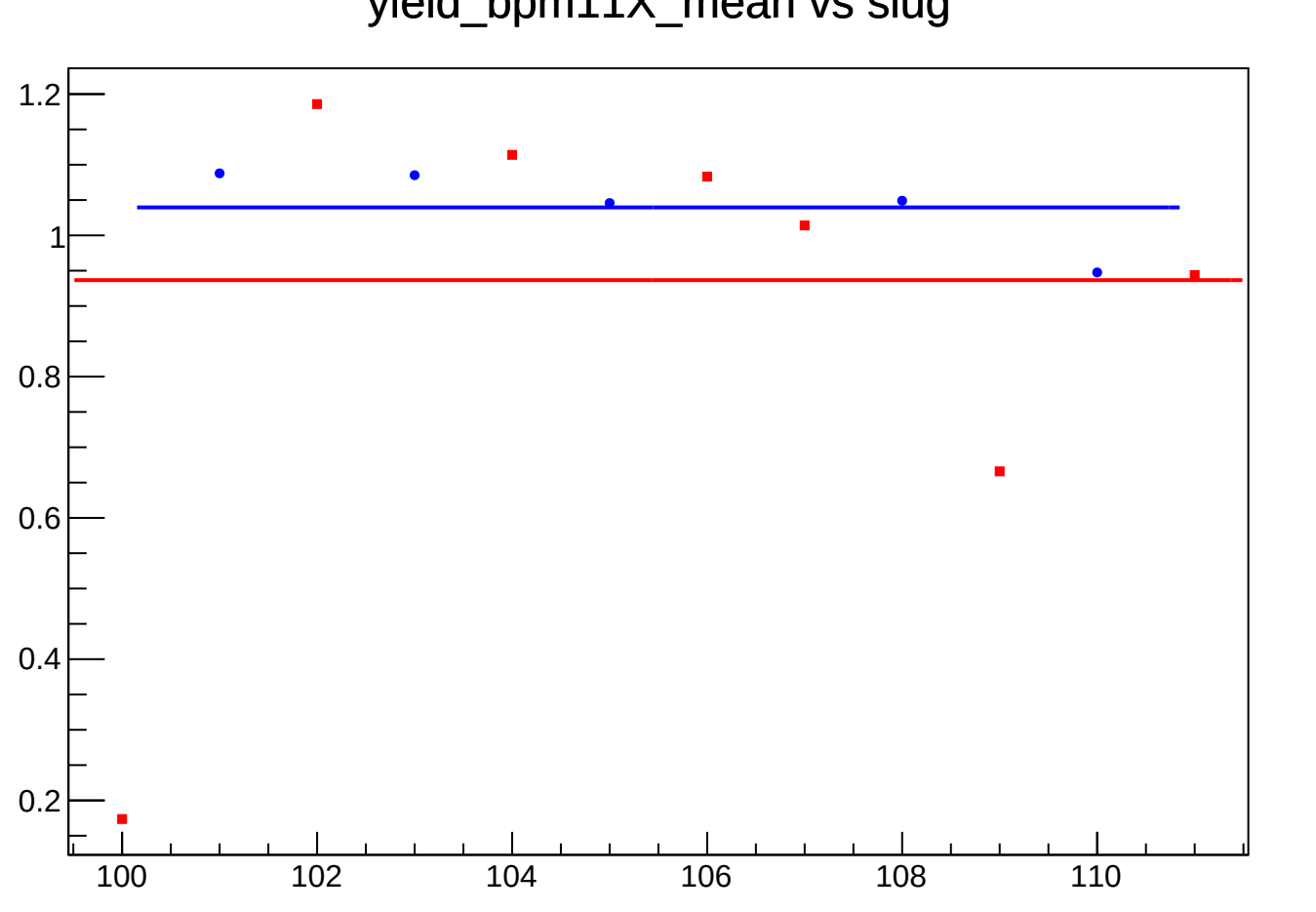
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF: 872032.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.022+/-0.000 χ^2/NDF: 560124.6/4

0.026+/-0.000 χ^2/NDF: 872032.1/6



Right In: 1.040+/-0.000 χ^2/NDF: 19114135.6/4

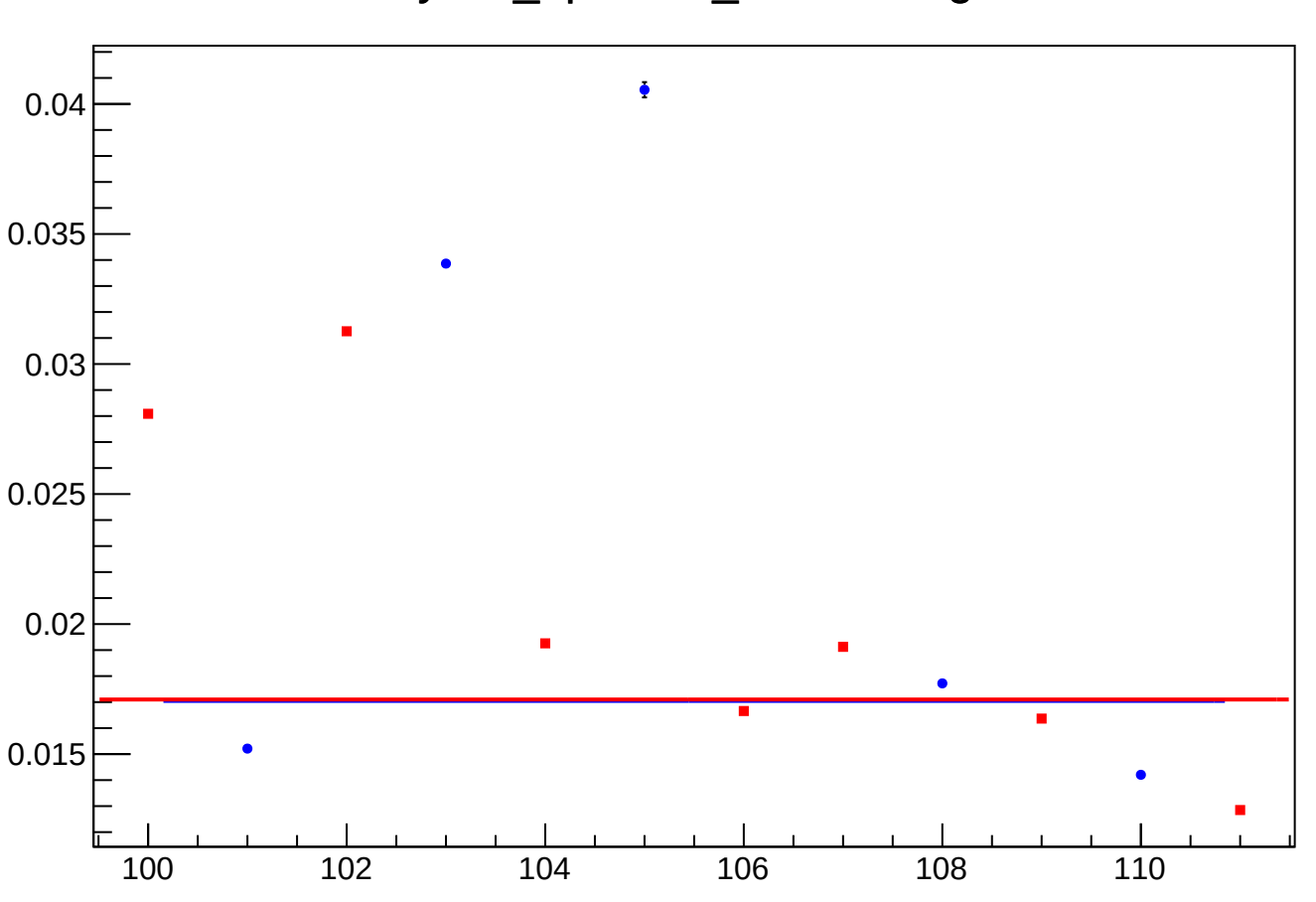
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.937+/-0.000 χ^2/NDF: 255522390.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.040+/-0.000 χ^2/NDF: 19114135.6/4

0.937+/-0.000 χ^2/NDF: 255522390.9/6



Right In: 0.017+/-0.000 χ^2/NDF: 304138.3/4

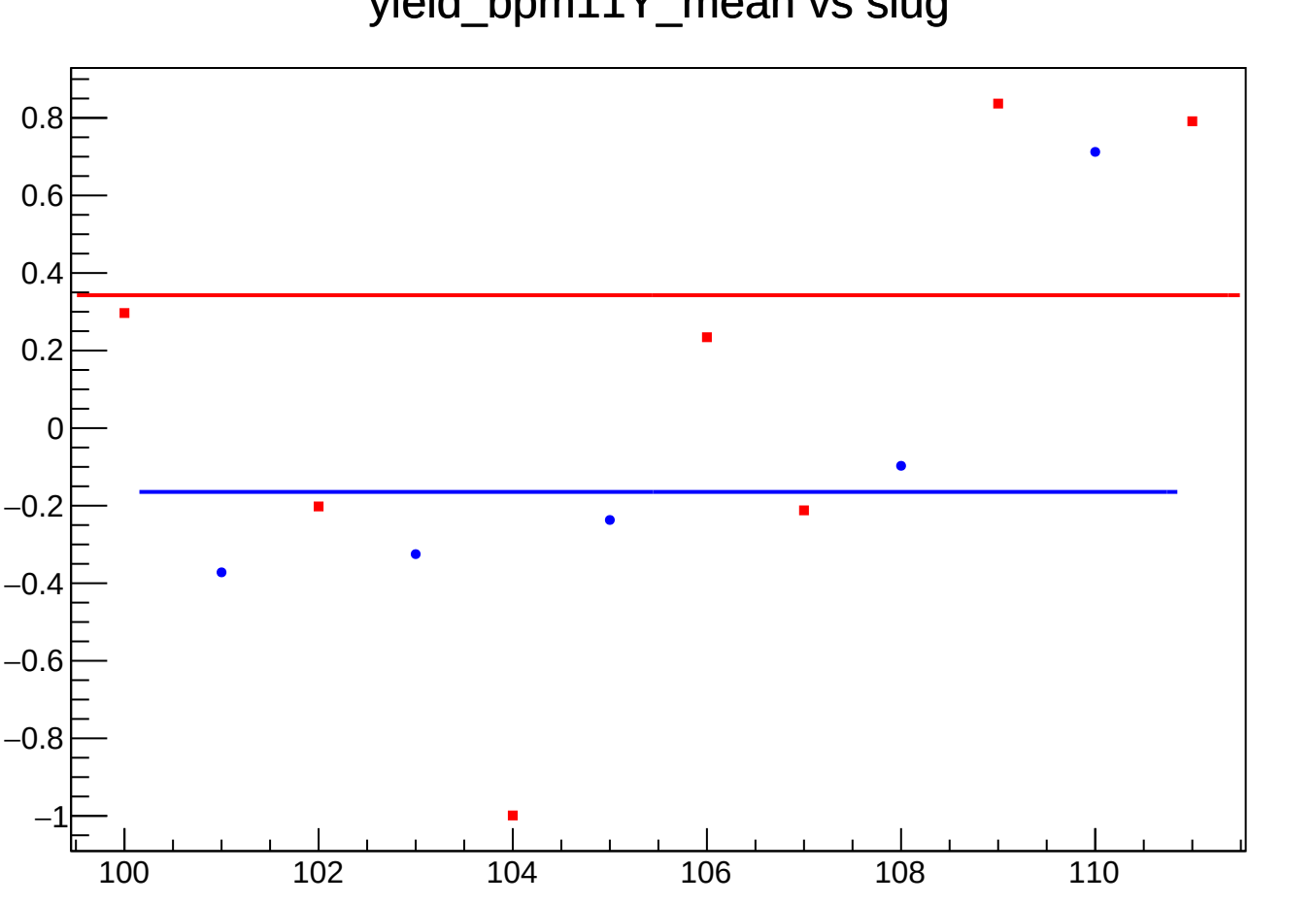
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF: 322545.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.017+/-0.000 χ^2/NDF: 304138.3/4

0.017+/-0.000 χ^2/NDF: 322545.5/6



Right In: -0.164+/-0.000 χ^2/NDF: 684281085.5/4

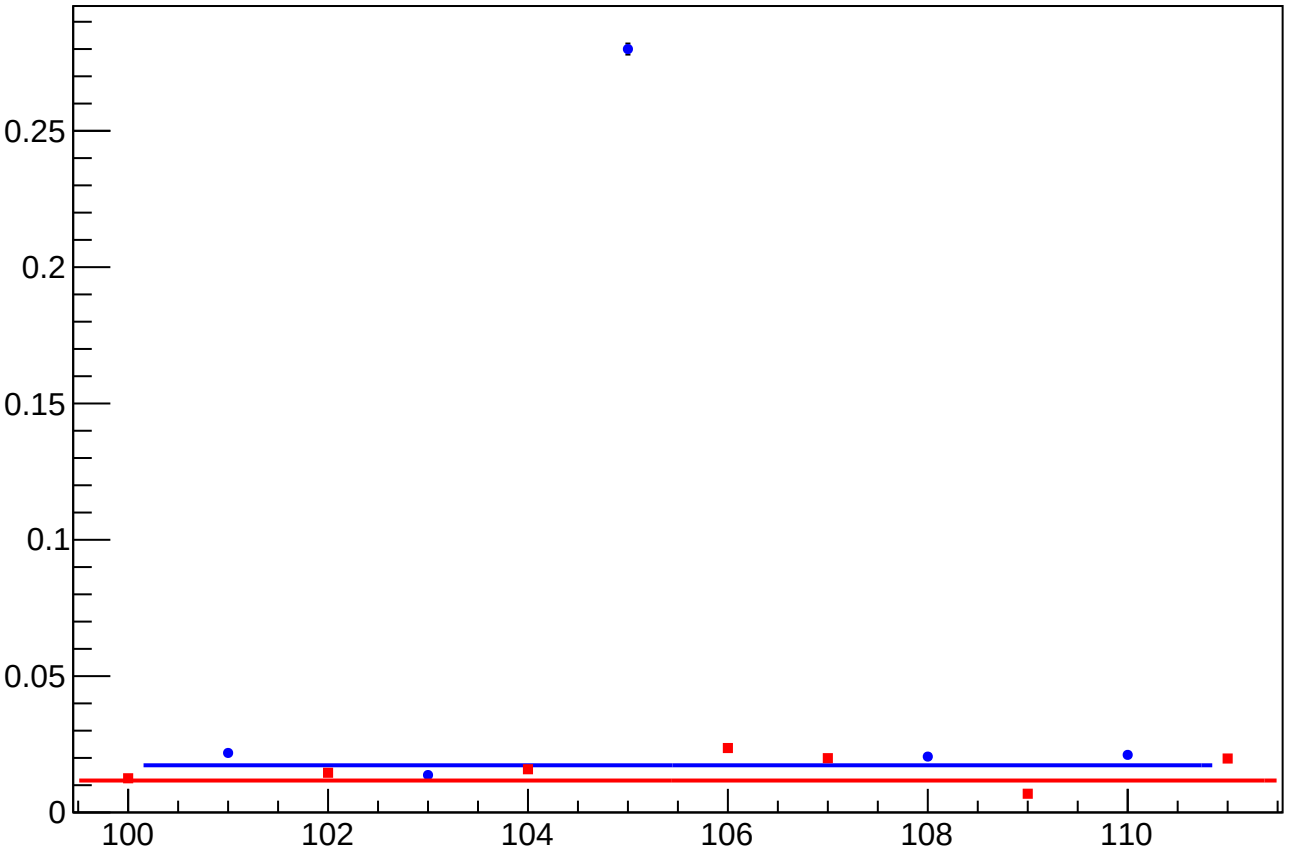
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.343+/-0.000 χ^2/NDF: 5706574590.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.164+/-0.000 χ^2/NDF: 684281085.5/4

0.343+/-0.000 χ^2/NDF: 5706574590.4/6



Right In: 0.017+/-0.000 χ^2/NDF: 169153.9/4

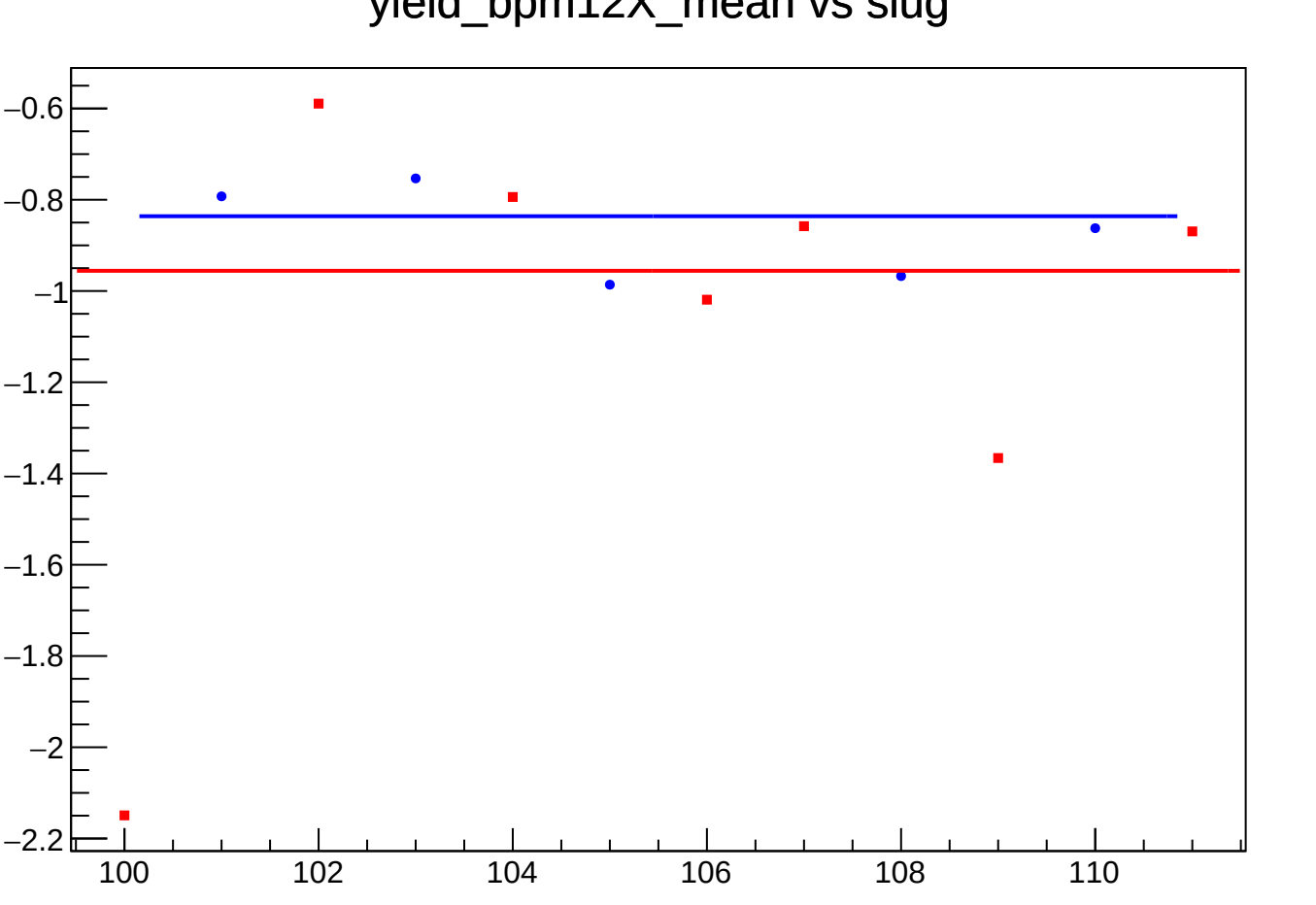
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF: 768523.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.017+/-0.000 χ^2/NDF: 169153.9/4

0.012+/-0.000 χ^2/NDF: 768523.9/6



Right In: -0.836+/-0.000 χ^2/NDF: 5860709.1/4

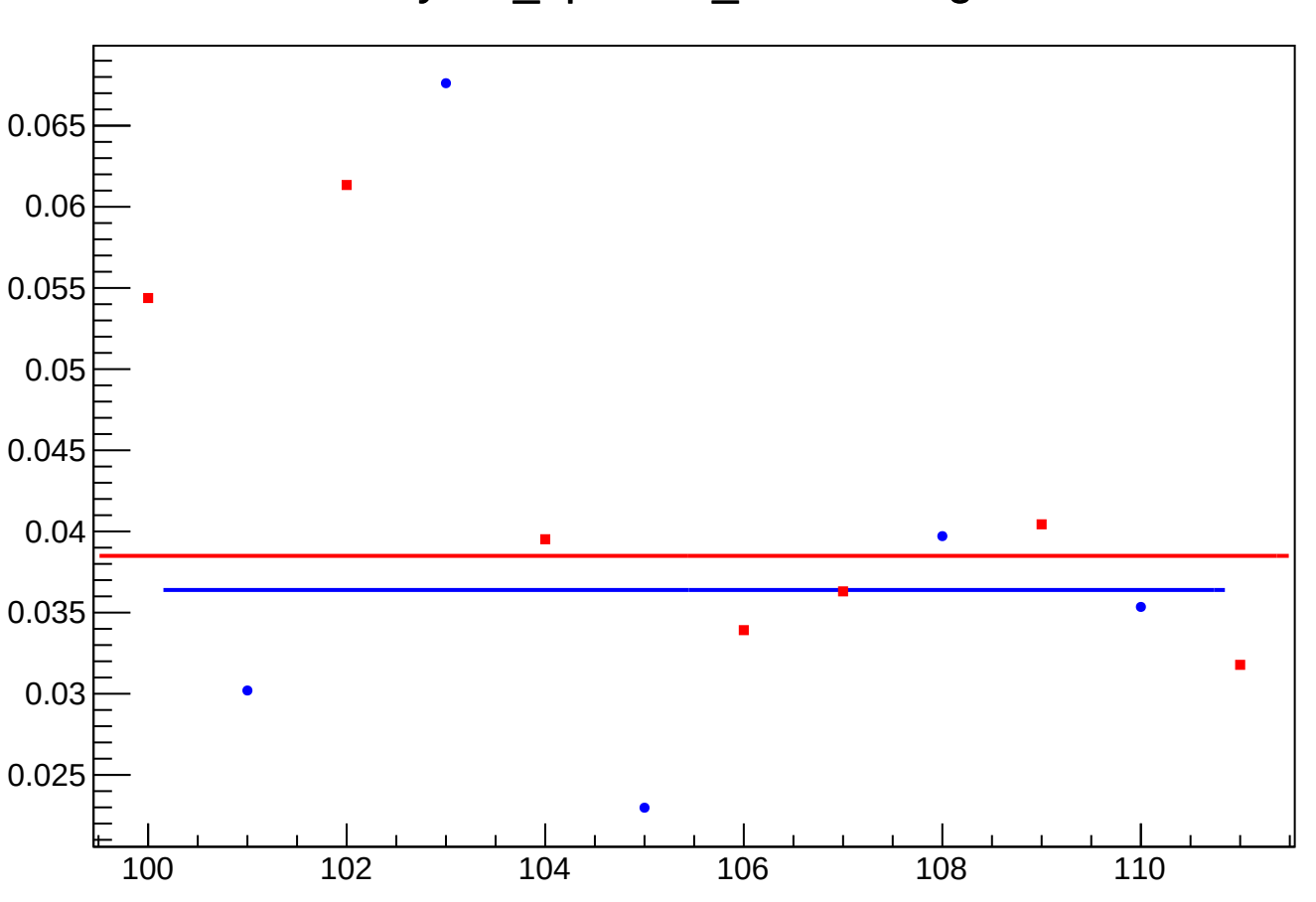
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.956+/-0.000 χ^2/NDF: 103012394.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.836+/-0.000 χ^2/NDF: 5860709.1/4

-0.956+/-0.000 χ^2/NDF: 103012394.1/6



Right In: 0.036+/-0.000 χ^2/NDF: 274803.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

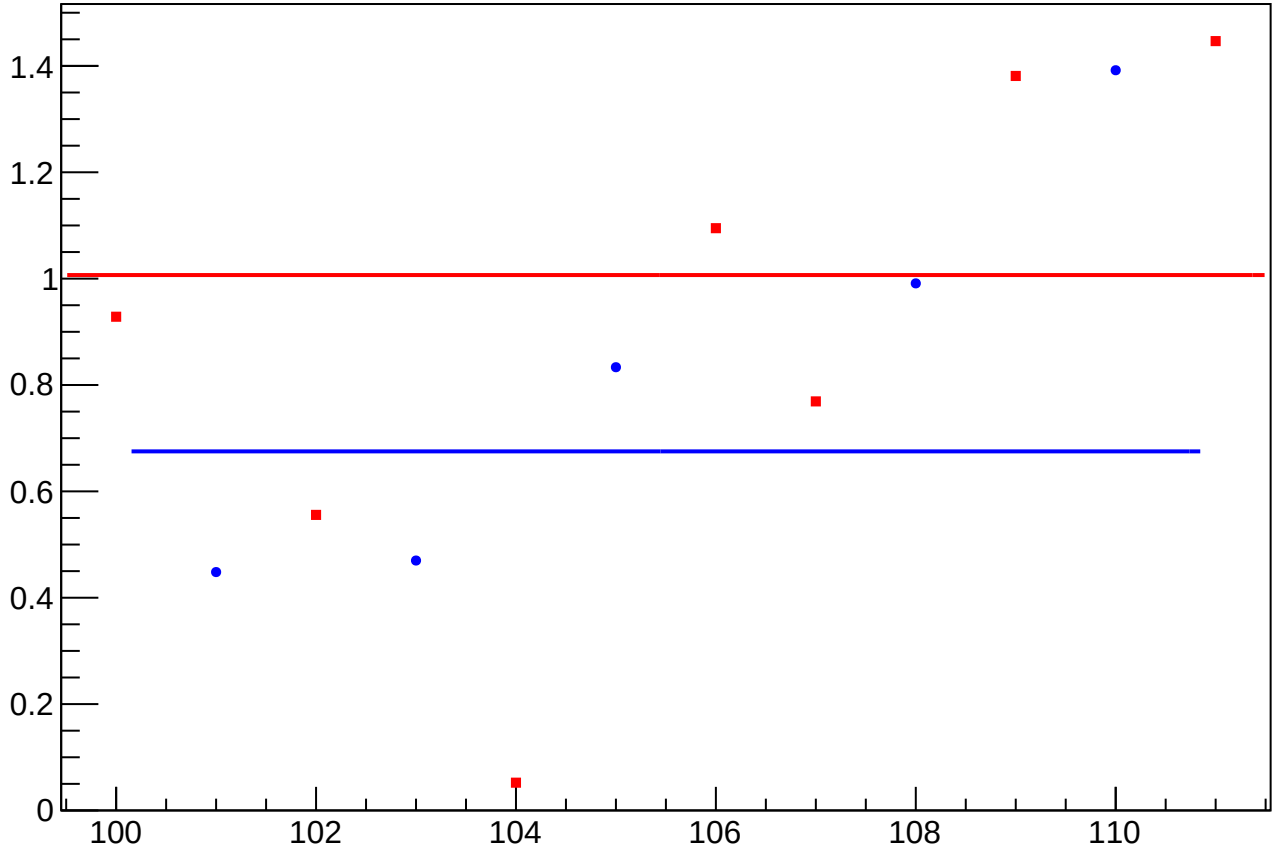
Right Out: 0.038+/-0.000 χ^2/NDF: 190948.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.036+/-0.000 χ^2/NDF: 274803.1/4

0.038+/-0.000 χ^2/NDF: 190948.1/6

yield_bpm12Y_mean vs slug



Right In: 0.675+/-0.000 χ^2/NDF: 1310560710.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

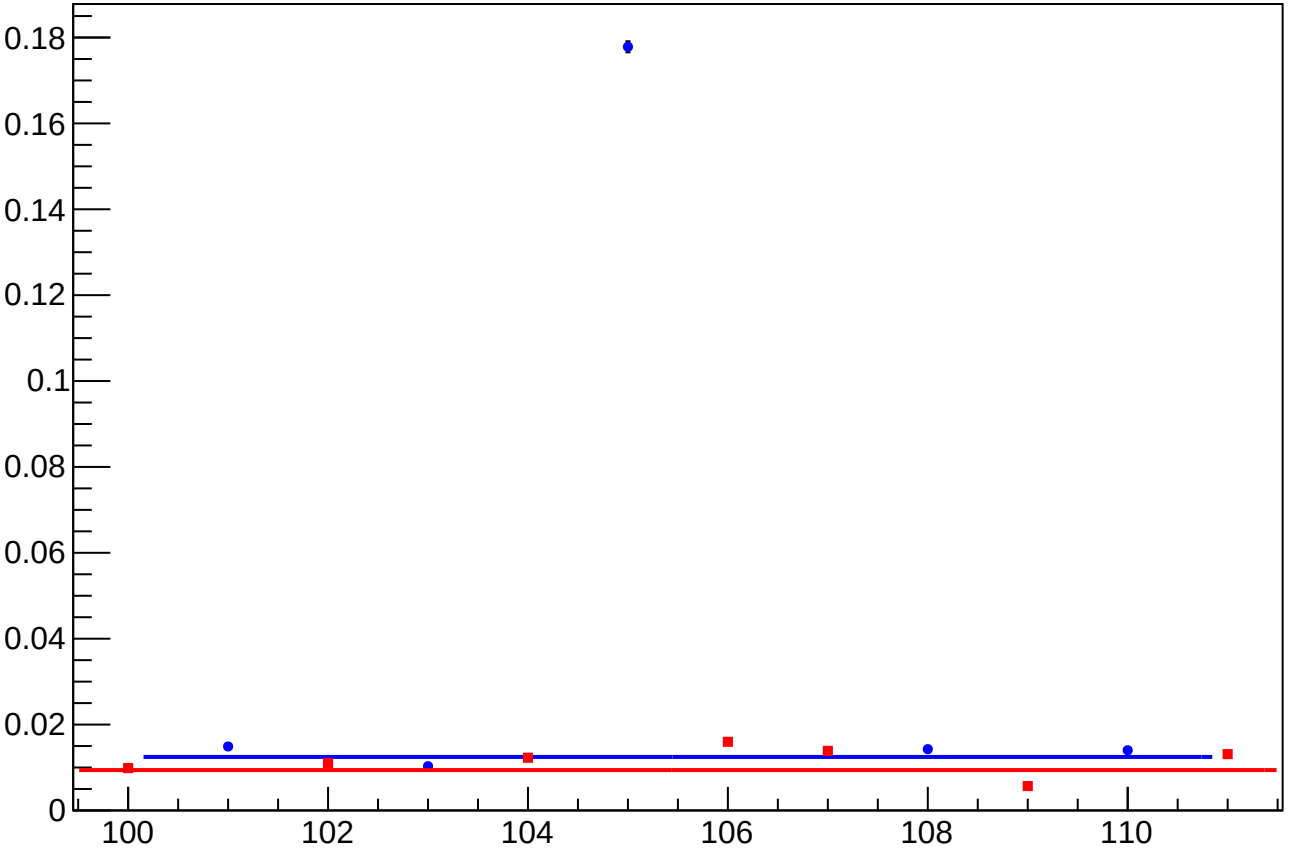
Right Out: 1.007+/-0.000 χ^2/NDF: 5358730599.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.675+/-0.000 χ^2/NDF: 1310560710.3/4

1.007+/-0.000 χ^2/NDF: 5358730599.0/6

yield_bpm12Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF: 107703.6/4

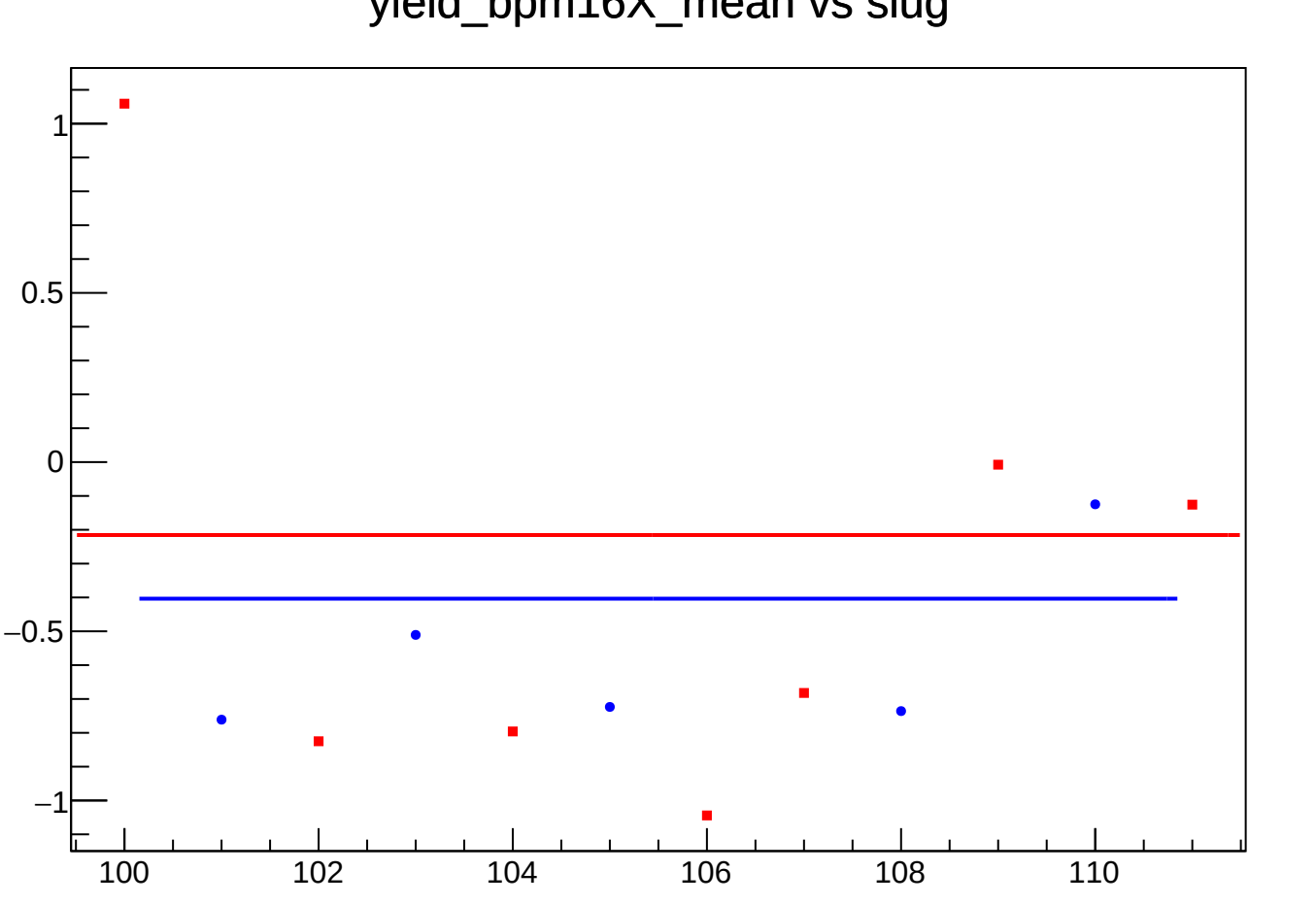
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF: 549930.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.012+/-0.000 χ^2/NDF: 107703.6/4

0.009+/-0.000 χ^2/NDF: 549930.8/6



Right In: -0.404+/-0.000 χ^2/NDF: 212059360.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

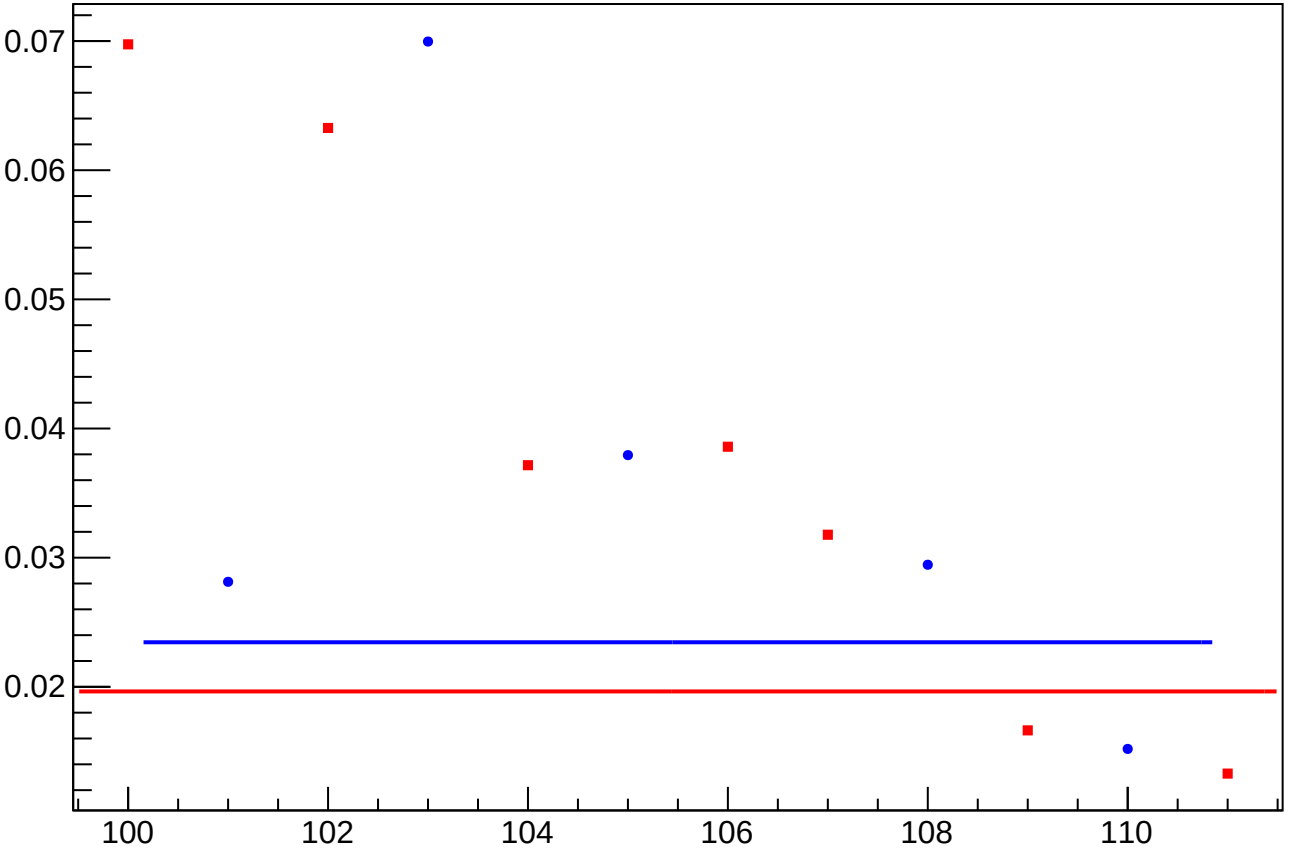
Right Out: -0.216+/-0.000 χ^2/NDF: 397754499.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.404+/-0.000 χ^2/NDF: 212059360.4/4

-0.216+/-0.000 χ^2/NDF: 397754499.9/6

yield_bpm16X_rms vs slug



Right In: 0.023+/-0.000 χ^2/NDF: 703252.7/4

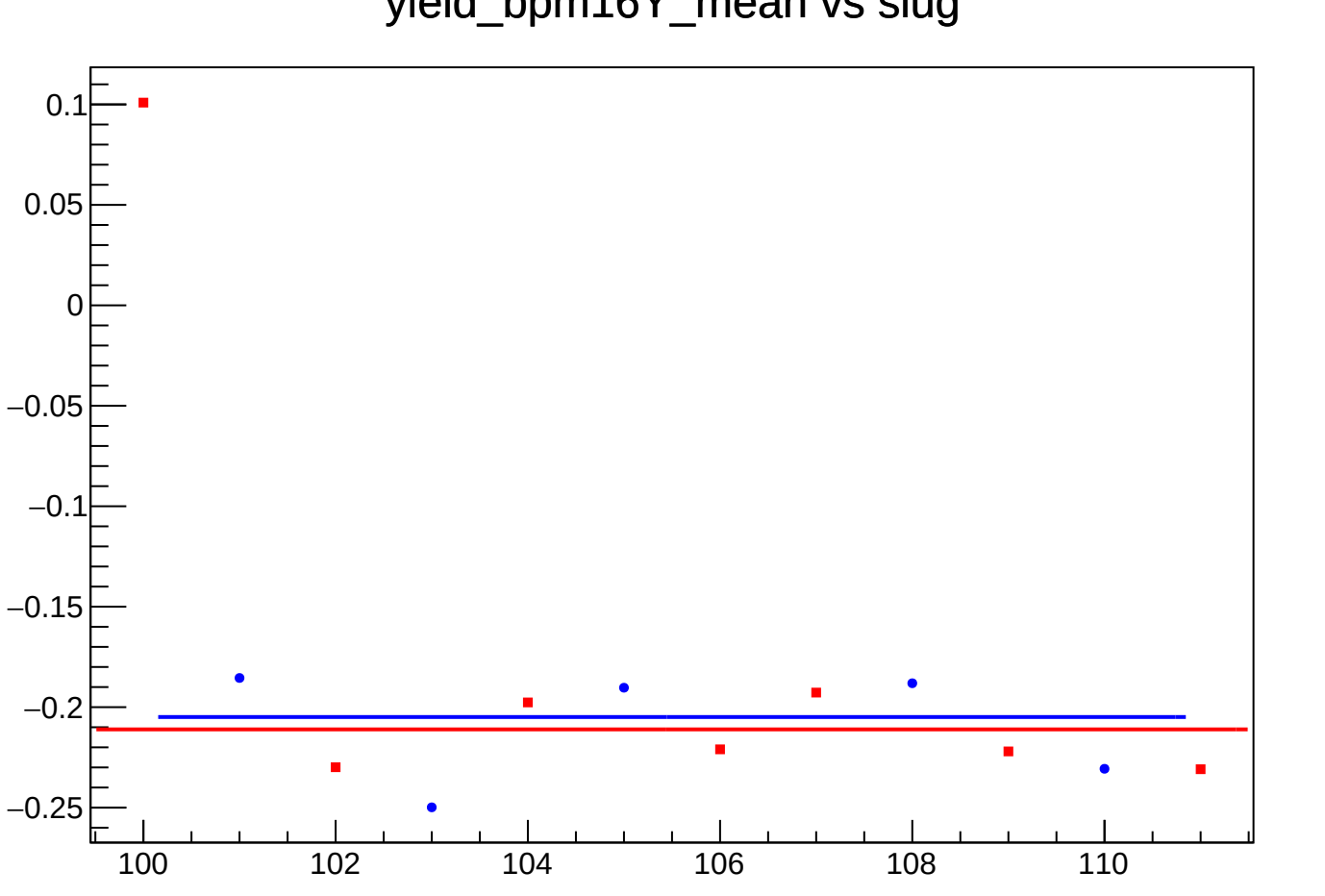
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF: 1066871.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.023+/-0.000 χ^2/NDF: 703252.7/4

0.020+/-0.000 χ^2/NDF: 1066871.0/6



Right In: -0.205+/-0.000 χ^2/NDF: 43338945.3/4

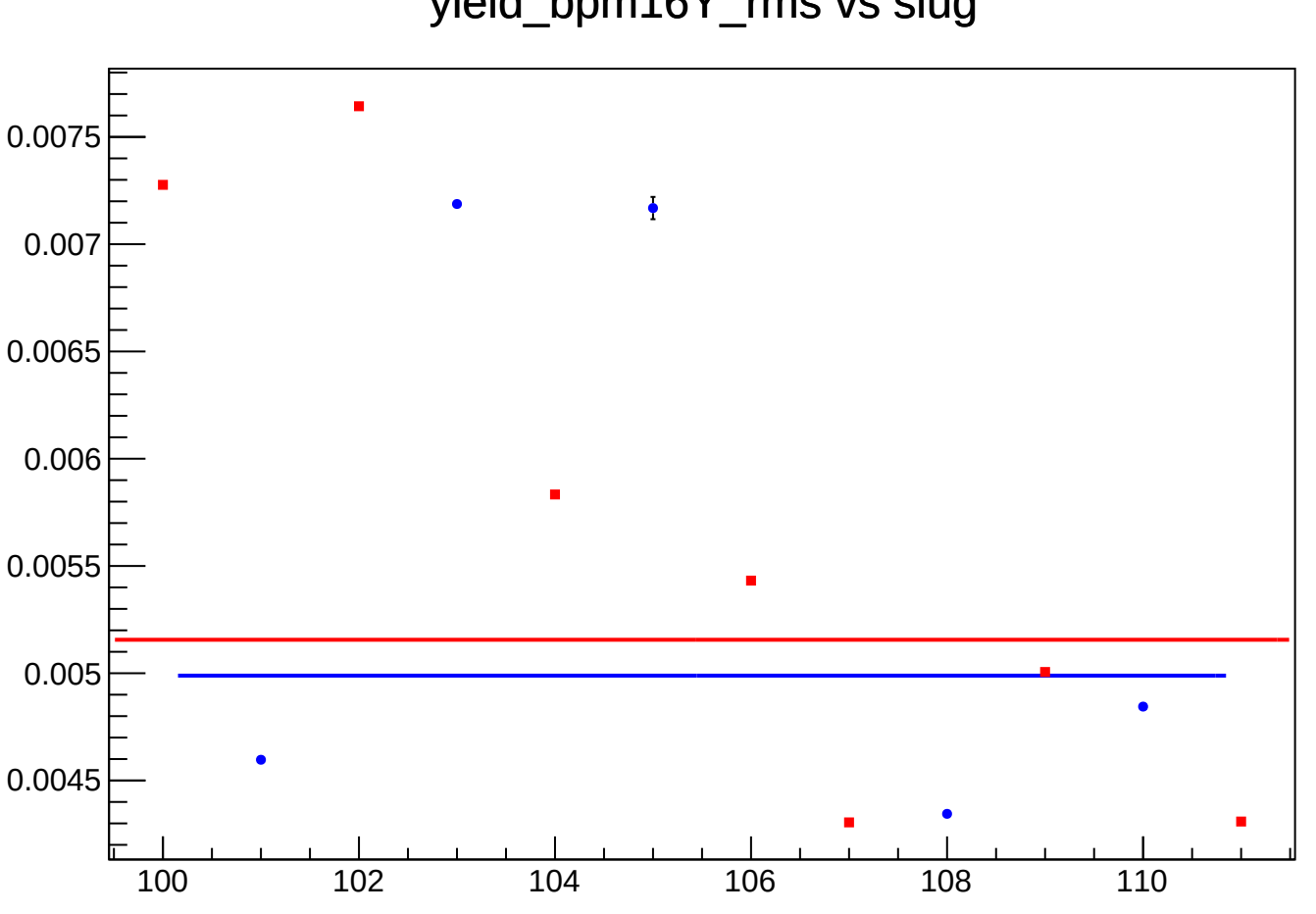
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

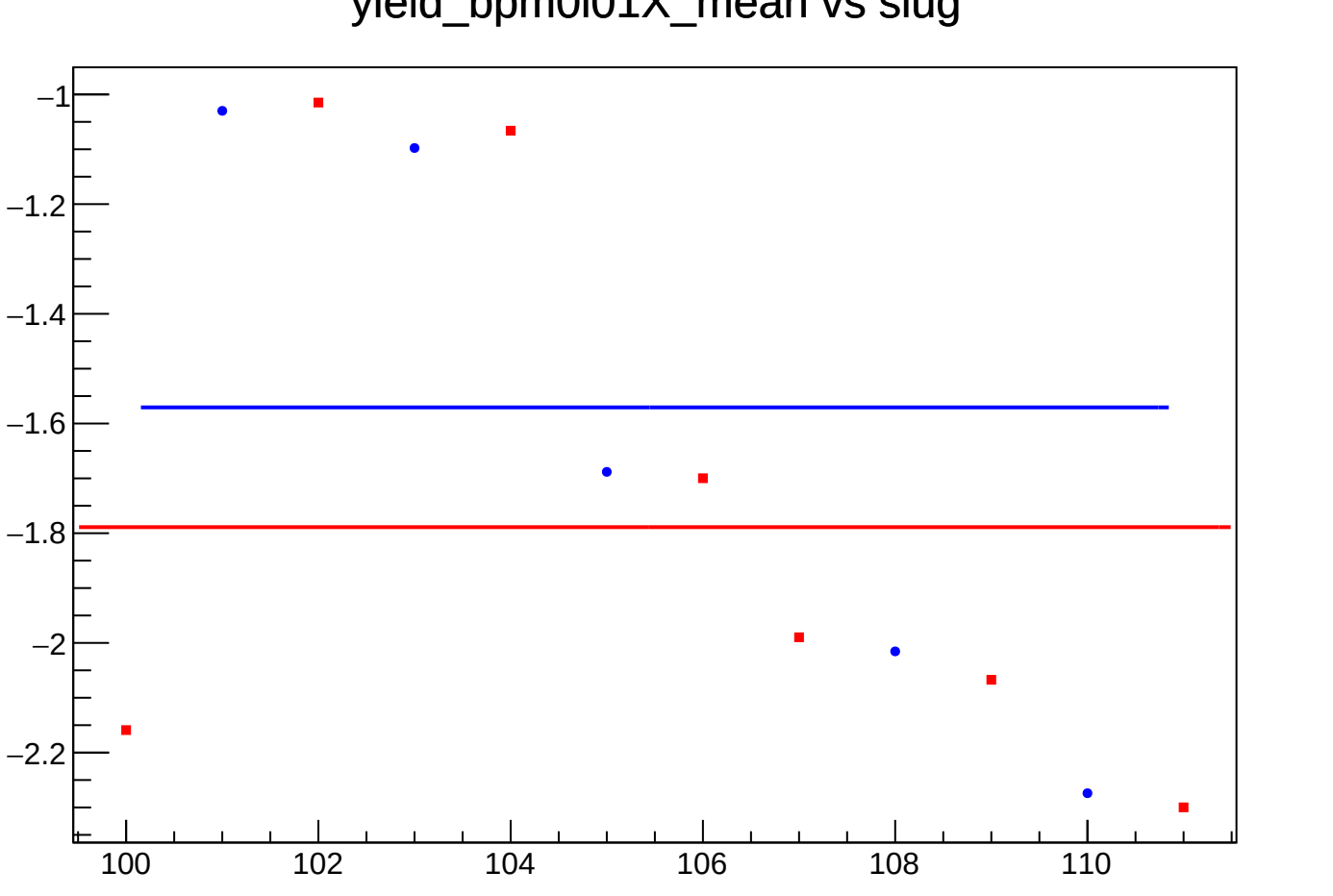
Right Out: -0.211+/-0.000 χ^2/NDF: 147223465.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.205+/-0.000 χ^2/NDF: 43338945.3/4

-0.211+/-0.000 χ^2/NDF: 147223465.0/6


yield_bpm16Y_rms vs slug
0.0075
0.007
0.0065
0.006
0.0055
0.005
0.0045
100
102
104
106
108
110
Right In: 0.005+/-0.000 χ²/NDF: 123265.1/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.005+/-0.000 χ²/NDF: 187317.8/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.005+/-0.000 χ²/NDF: 123265.1/4
0.005+/-0.000 χ²/NDF: 187317.8/6



Right In: -1.571+/-0.000 χ^2/NDF: 11938559484.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

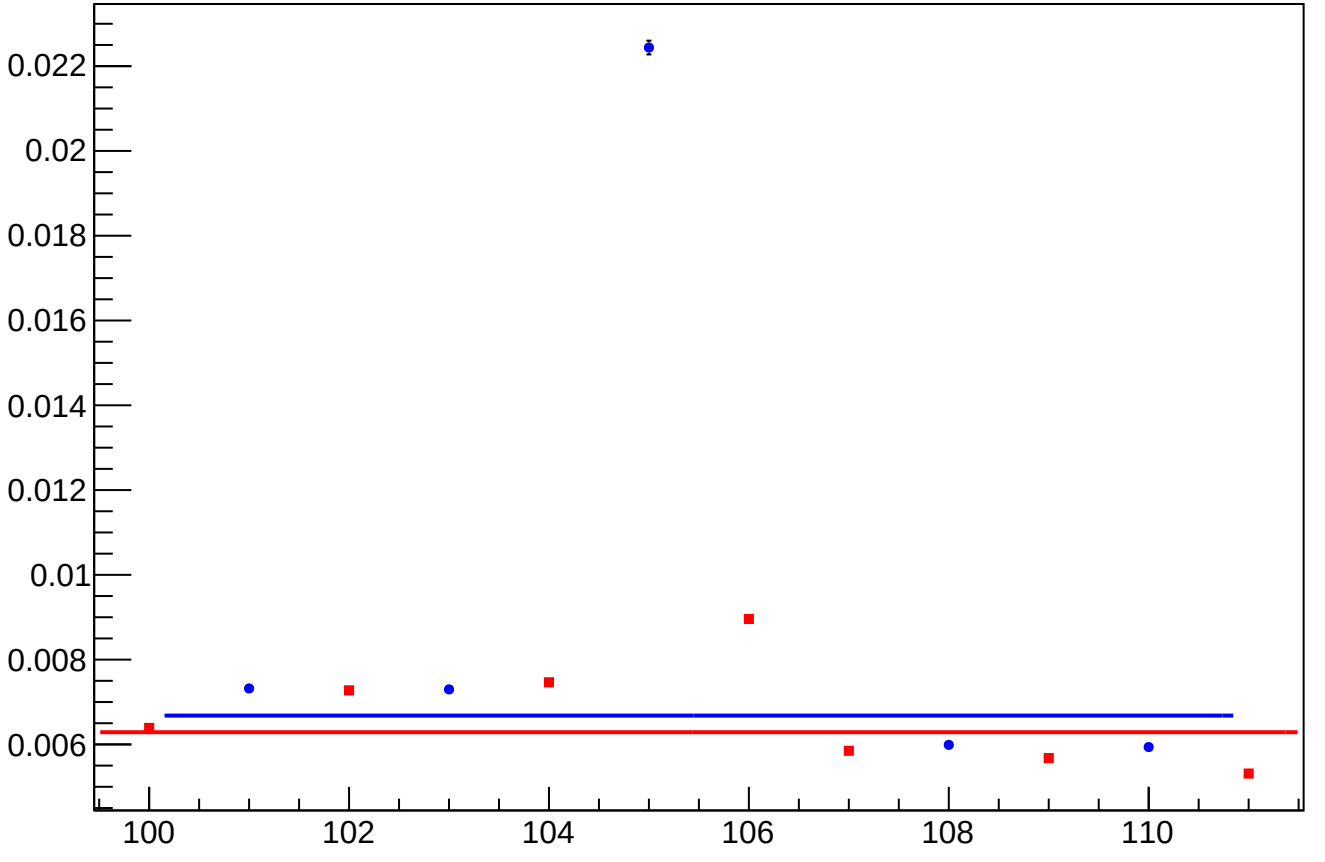
Right Out: -1.789+/-0.000 χ^2/NDF: 16362506338.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.571+/-0.000 χ^2/NDF: 11938559484.2/4

-1.789+/-0.000 χ^2/NDF: 16362506338.8/6

yield_bpm0l01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF: 45958.1/4

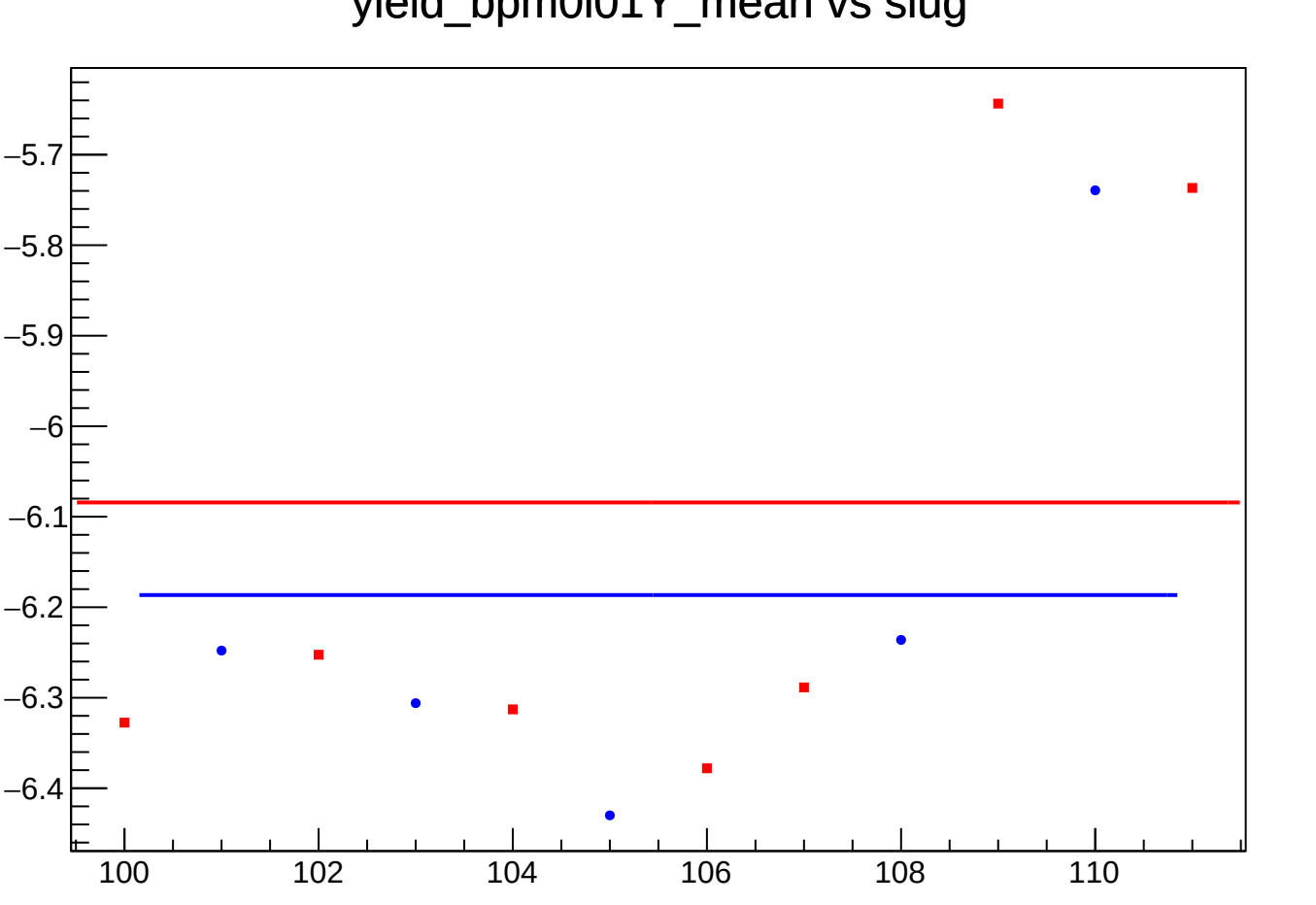
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF: 127714.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.007+/-0.000 χ^2/NDF: 45958.1/4

0.006+/-0.000 χ^2/NDF: 127714.5/6



Right In: -6.187+/-0.000 χ^2/NDF: 2254564199.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

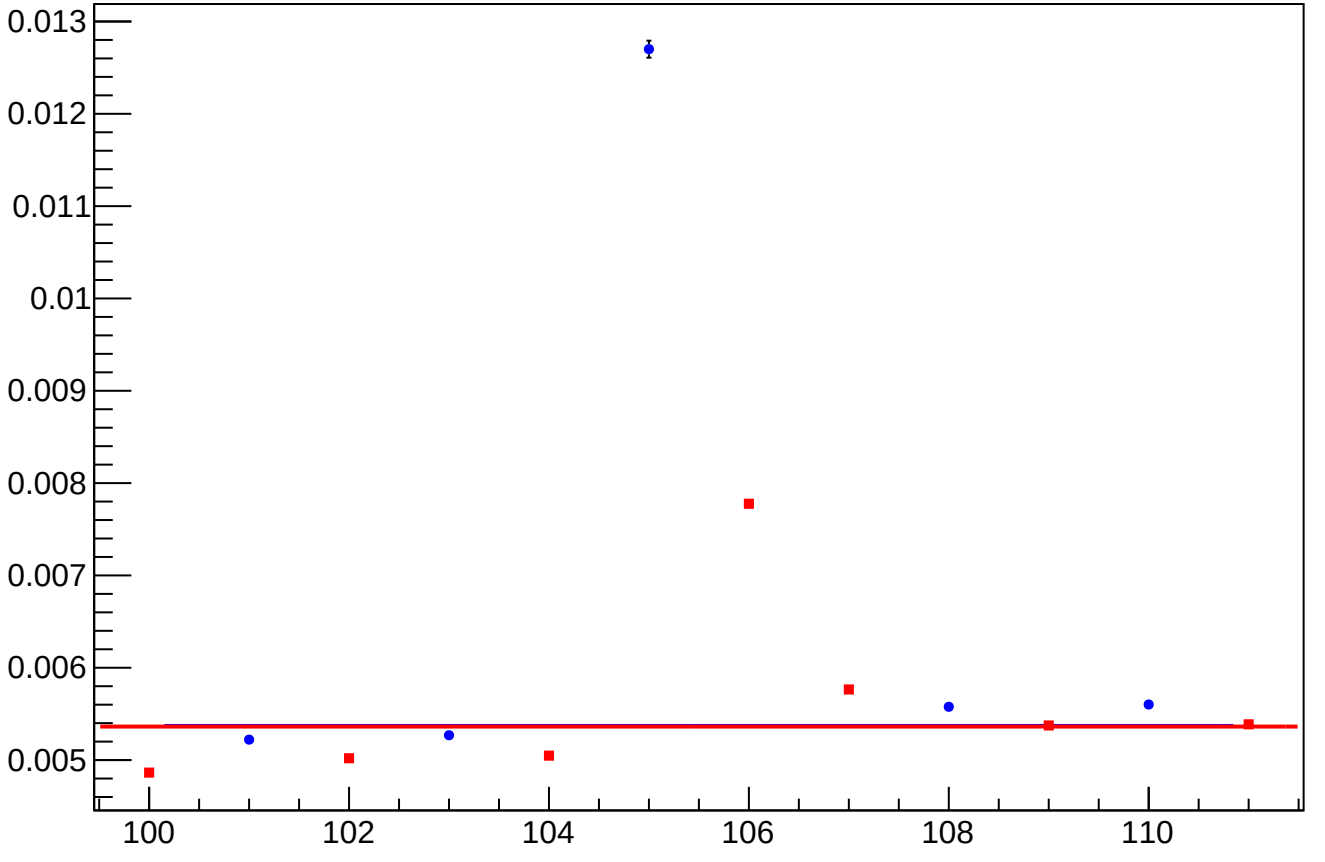
Right Out: -6.084+/-0.000 χ^2/NDF: 7210602028.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.187+/-0.000 χ^2/NDF: 2254564199.9/4

-6.084+/-0.000 χ^2/NDF: 7210602028.7/6

yield_bpm0l01Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF: 9656.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

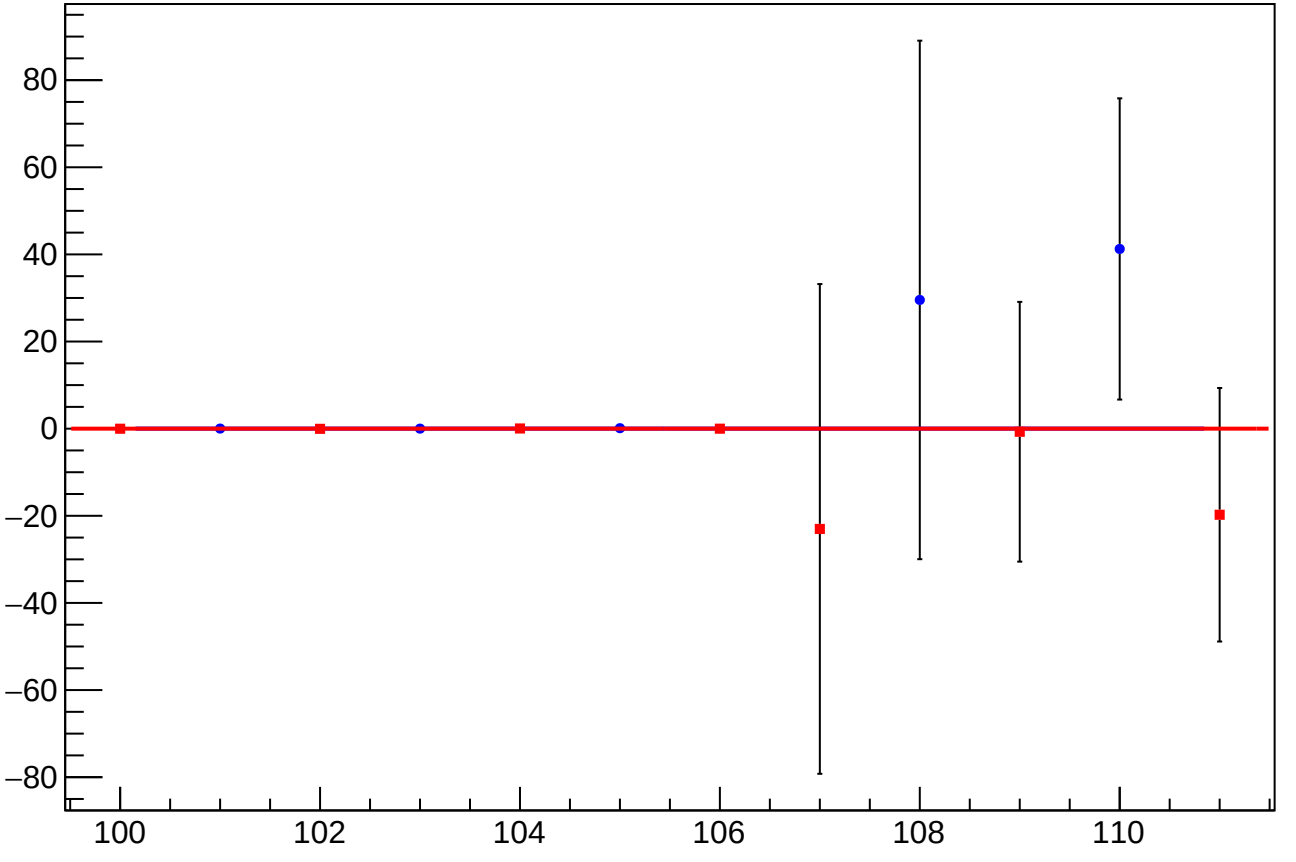
Right Out: 0.005+/-0.000 χ^2/NDF: 60463.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.005+/-0.000 χ^2/NDF: 9656.9/4

0.005+/-0.000 χ^2/NDF: 60463.0/6

diff_cav4bX_mean vs slug



Right In: 0.015+/-0.017 χ^2/NDF: 2.2/4

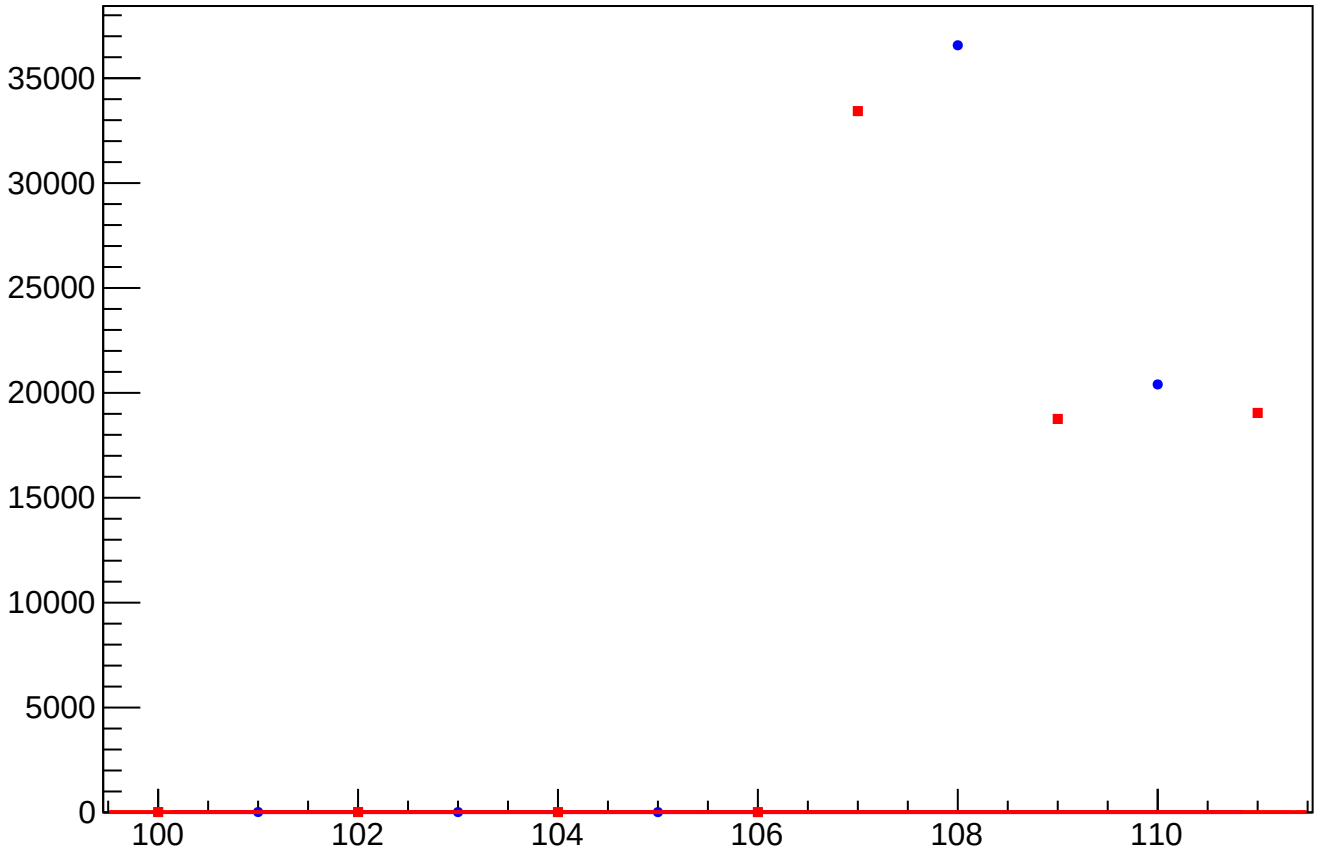
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.003+/-0.016 χ^2/NDF: 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.015+/-0.017 χ^2/NDF: 2.2/4

0.003+/-0.016 χ^2/NDF: 5.5/6



Right In: 18.534+/-0.012 χ^2/NDF: 1462186.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

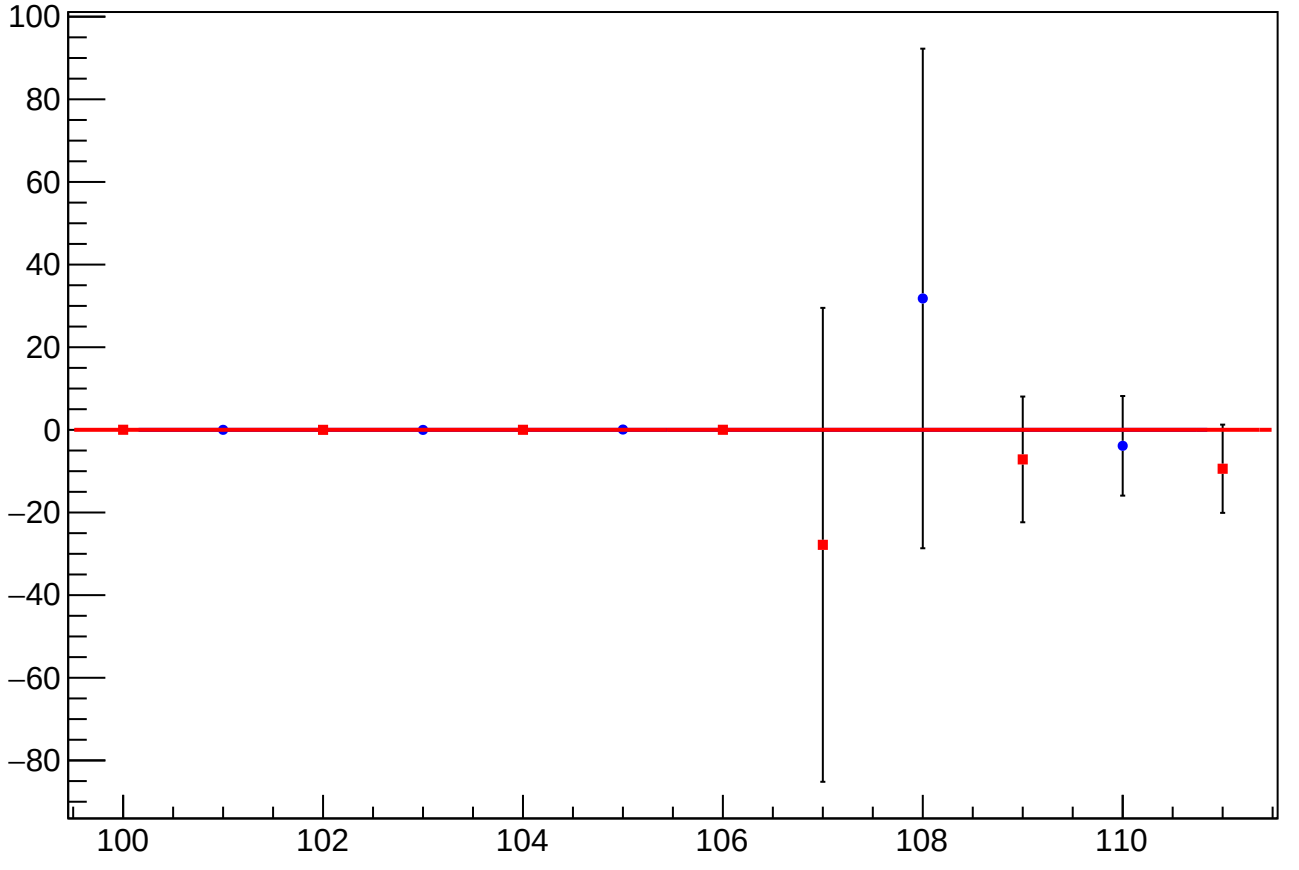
Right Out: 18.256+/-0.011 χ^2/NDF: 2364589.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

18.534+/-0.012 χ^2/NDF: 1462186.4/4

18.256+/-0.011 χ^2/NDF: 2364589.2/6

diff_cav4bY_mean vs slug



Right In: 0.002+/-0.009 χ^2/NDF: 2.4/4

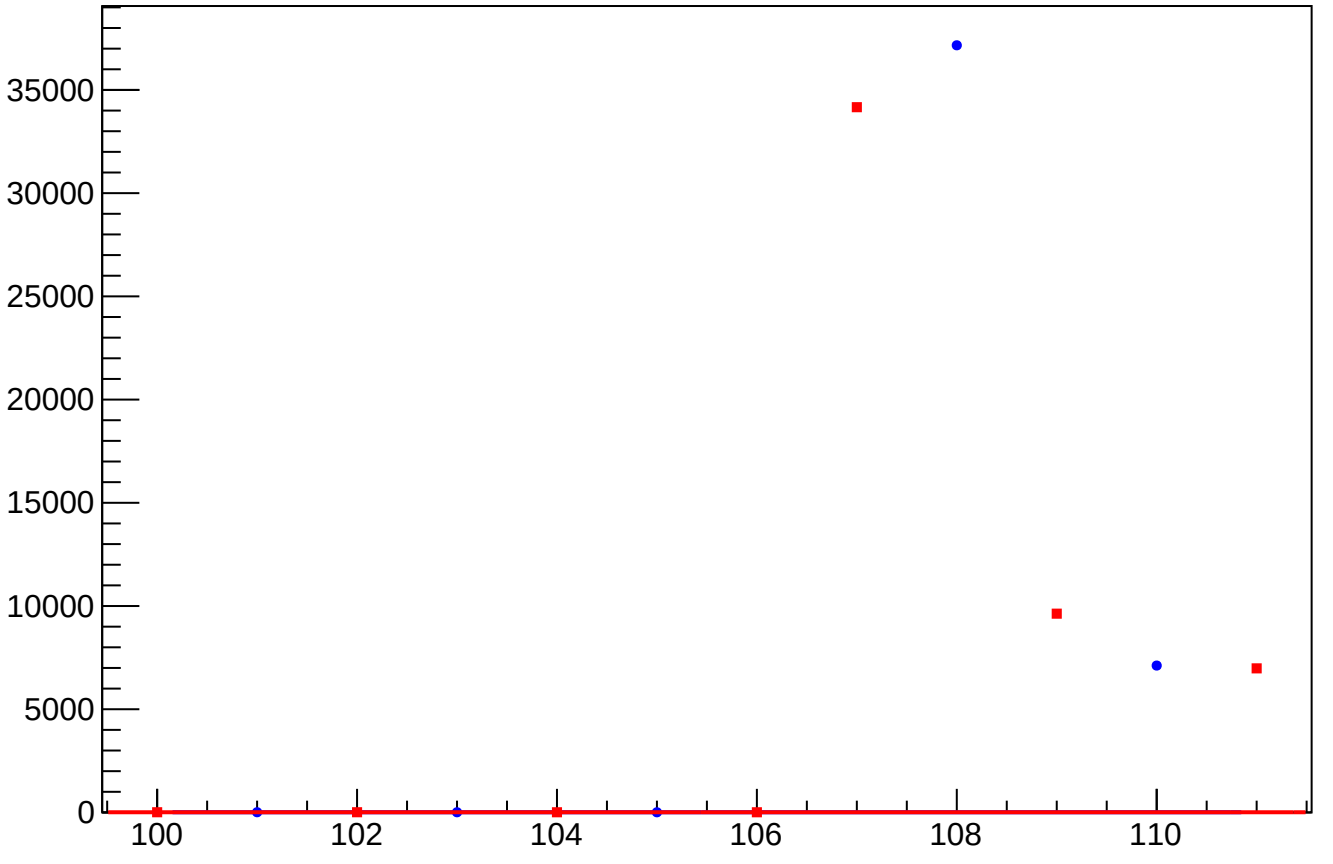
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.014+/-0.009 χ^2/NDF: 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.002+/-0.009 χ^2/NDF: 2.4/4

0.014+/-0.009 χ^2/NDF: 1.9/6



Right In: 9.840+/-0.006 χ^2/NDF: 1462104.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

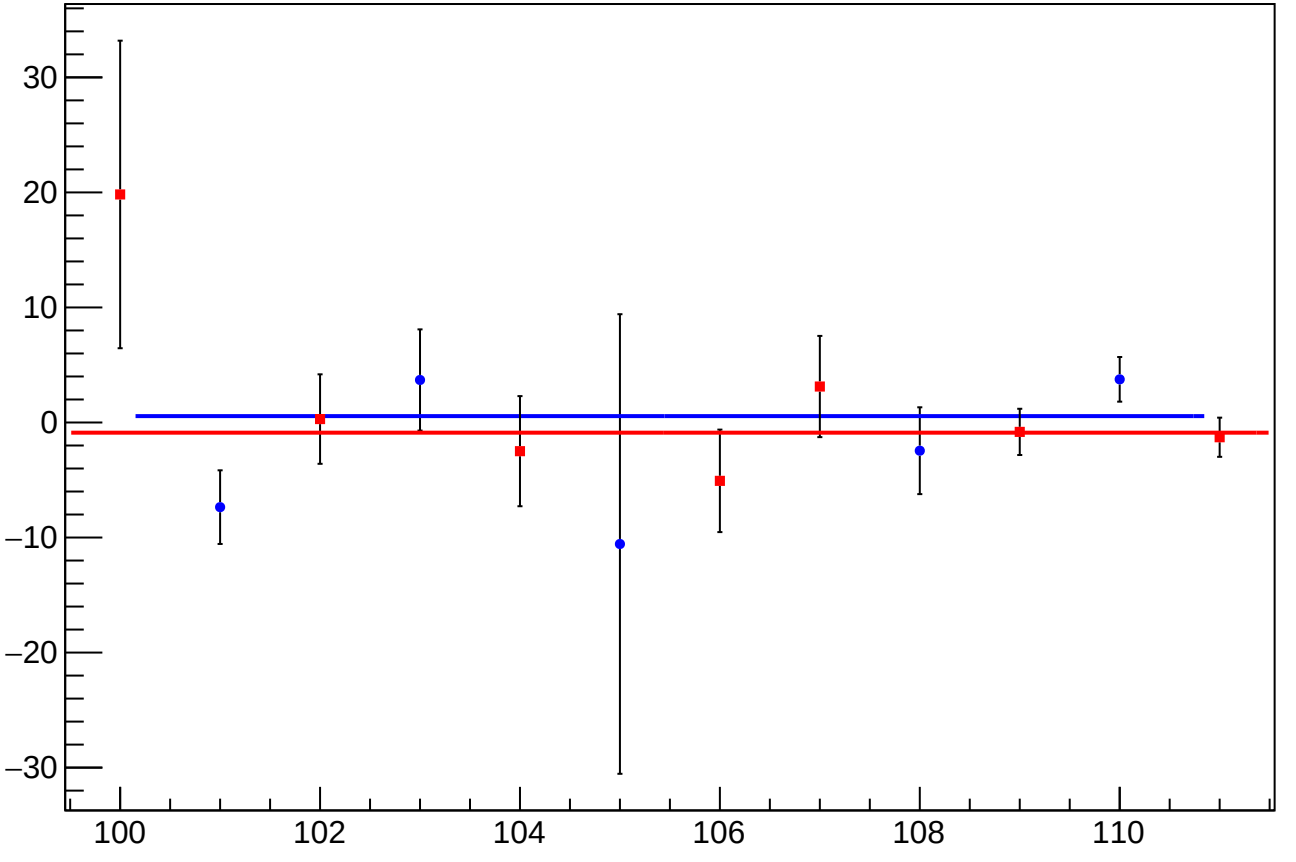
Right Out: 9.789+/-0.006 χ^2/NDF: 2375340.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

9.840+/-0.006 χ^2/NDF: 1462104.2/4

9.789+/-0.006 χ^2/NDF: 2375340.3/6

diff_cav4cX_mean vs slug



Right In: 0.555+/-1.432 χ^2/NDF: 10.3/4

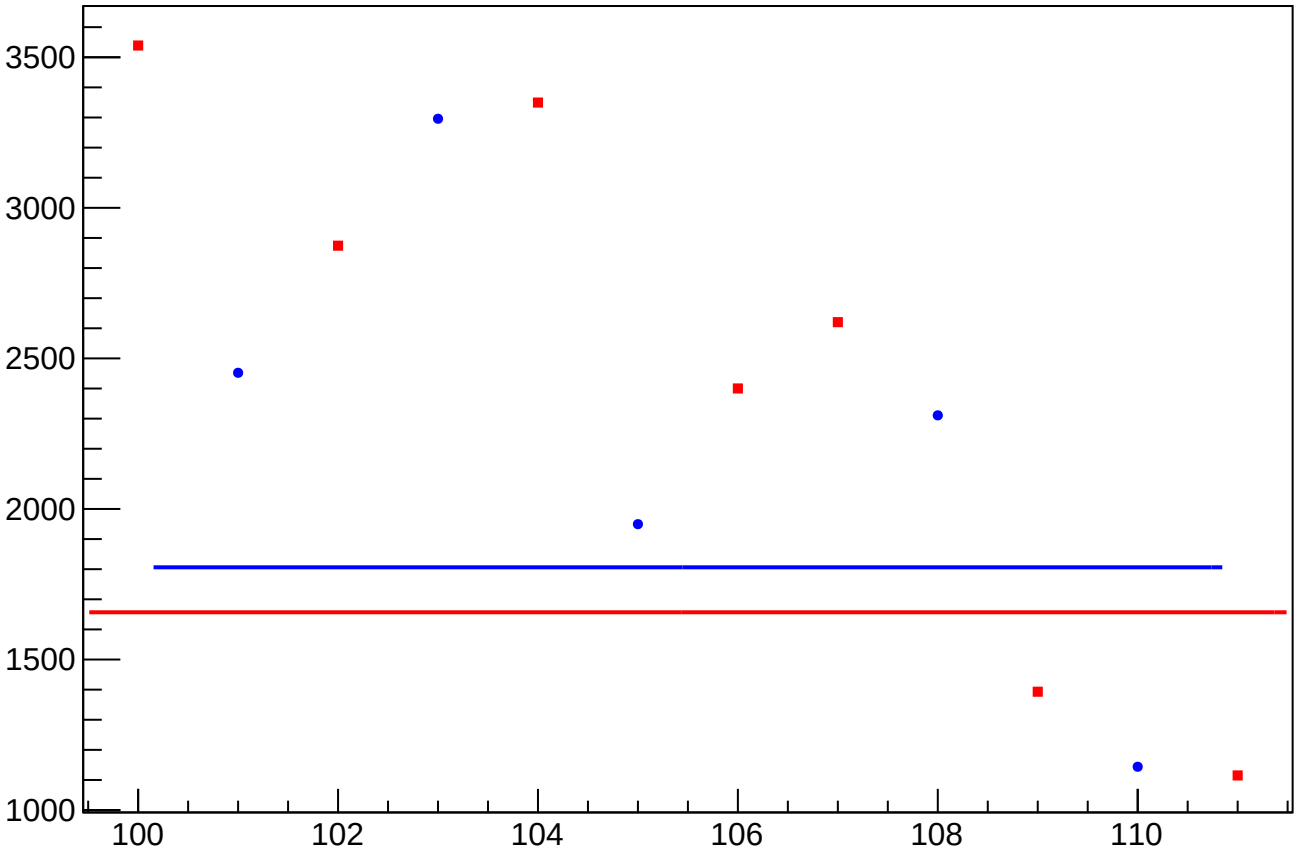
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.885+/-1.111 χ^2/NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.555+/-1.432 χ^2/NDF: 10.3/4

-0.885+/-1.111 χ^2/NDF: 4.4/6



Right In: 1806.245+/-1.013 χ^2/NDF: 579600.7/4

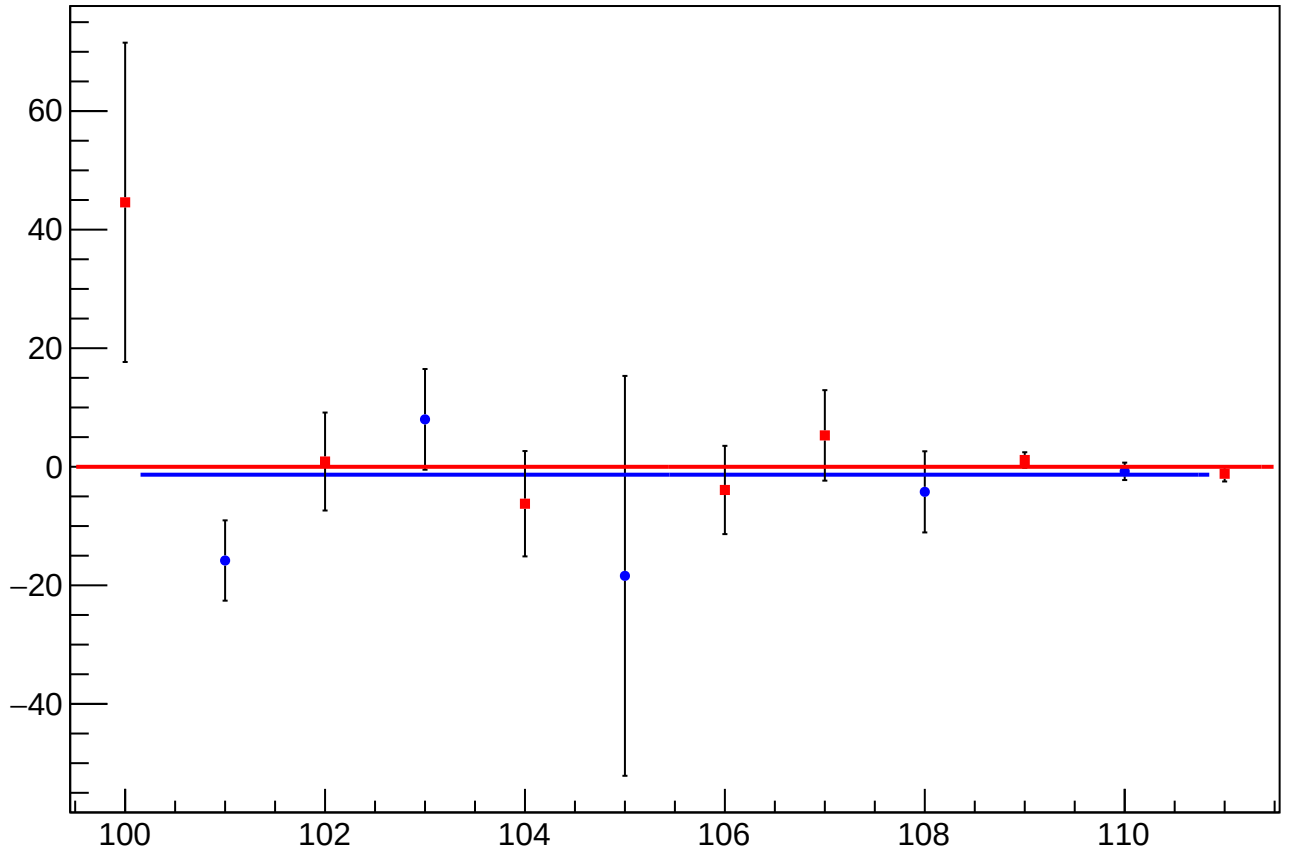
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1656.880+/-0.786 χ^2/NDF: 874248.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1806.245+/-1.013 χ^2/NDF: 579600.7/4

1656.880+/-0.786 χ^2/NDF: 874248.0/6



Right In: -1.338+/-1.384 χ^2/NDF: 6.4/4

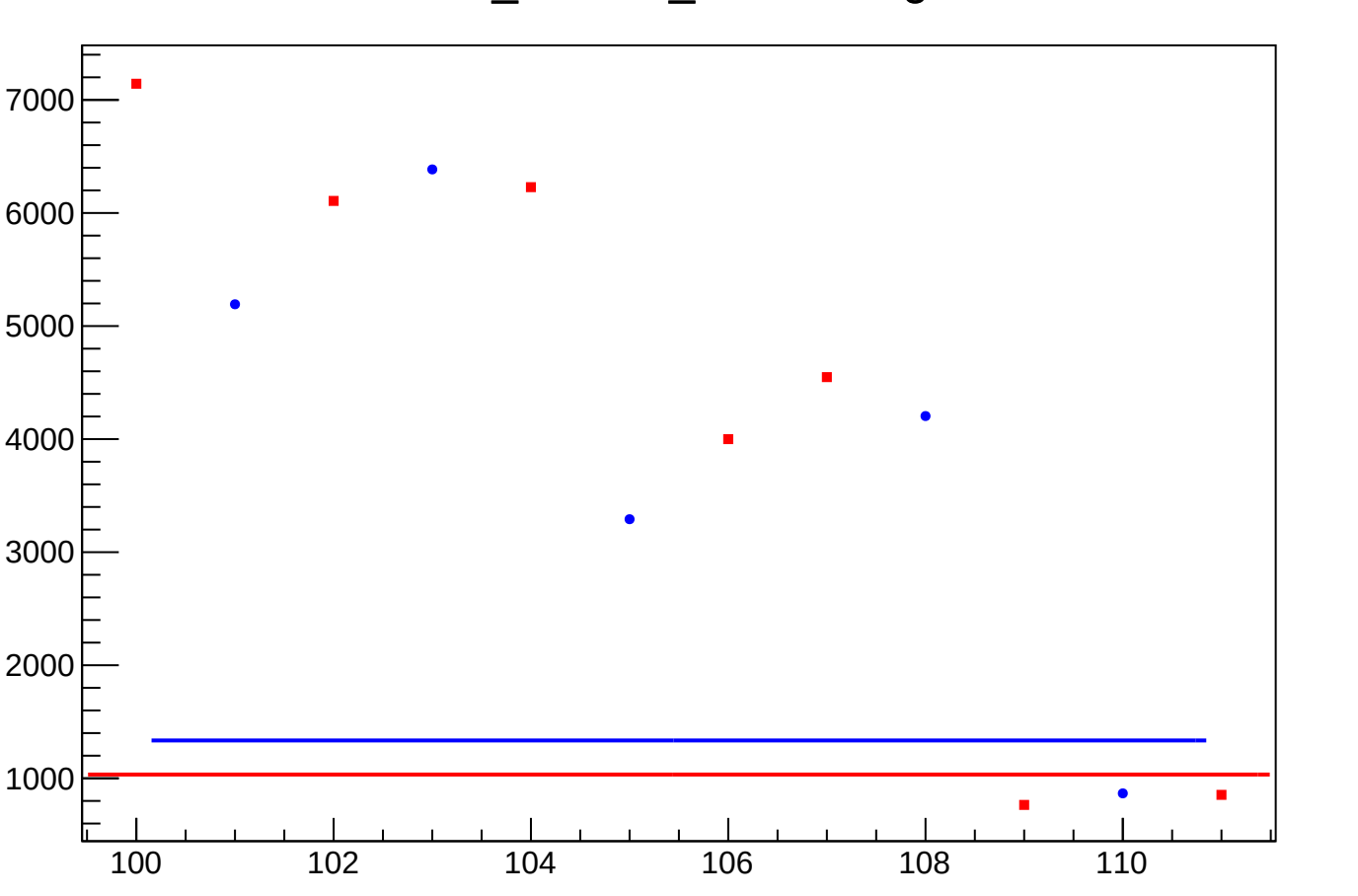
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.006+/-0.900 χ^2/NDF: 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.338+/-1.384 χ^2/NDF: 6.4/4

-0.006+/-0.900 χ^2/NDF: 5.6/6



Right In: 1334.749+/-0.979 χ^2/NDF: 1917037.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

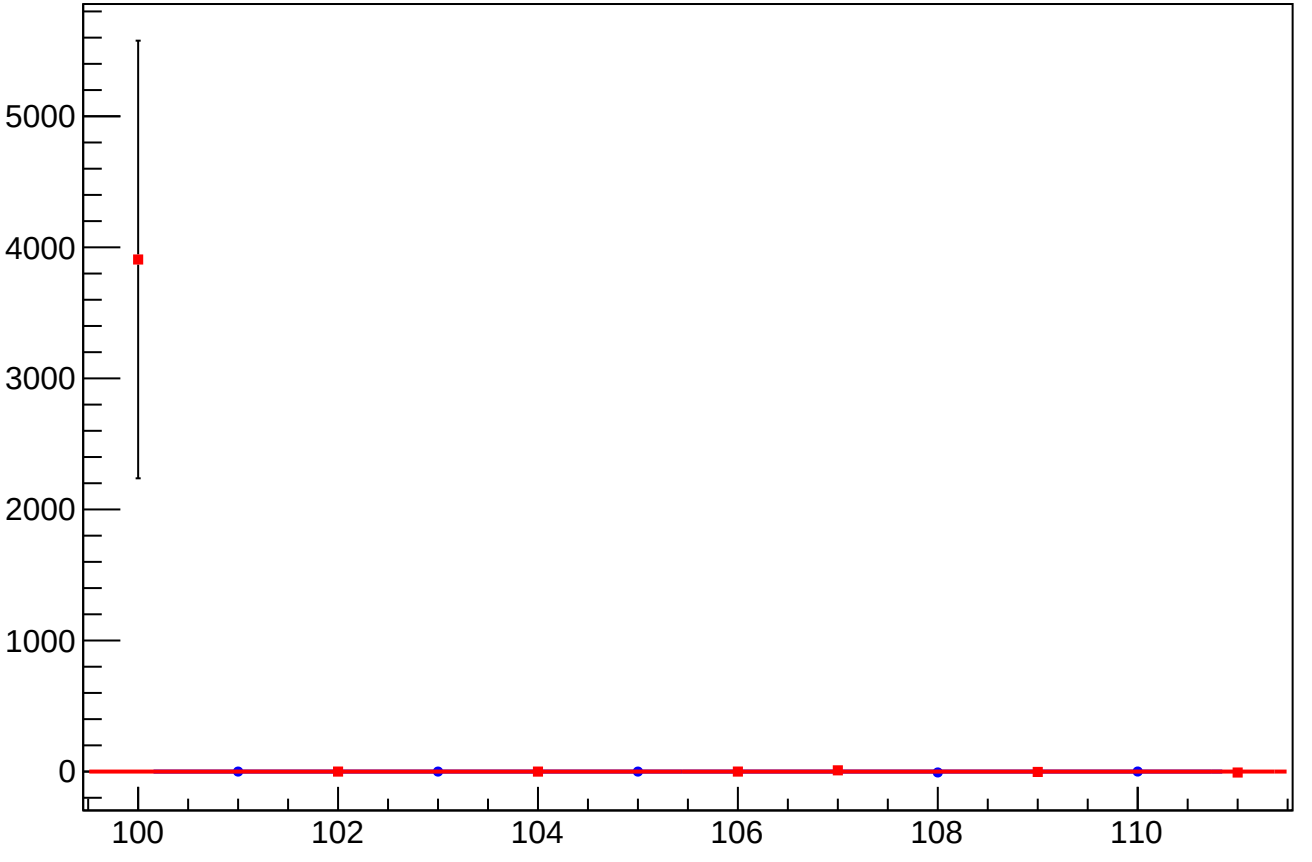
Right Out: 1033.316+/-0.636 χ^2/NDF: 2404330.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1334.749+/-0.979 χ^2/NDF: 1917037.2/4

1033.316+/-0.636 χ^2/NDF: 2404330.2/6

diff_cav4dX_mean vs slug



Right In: -0.023+/-0.021 χ^2/NDF: 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

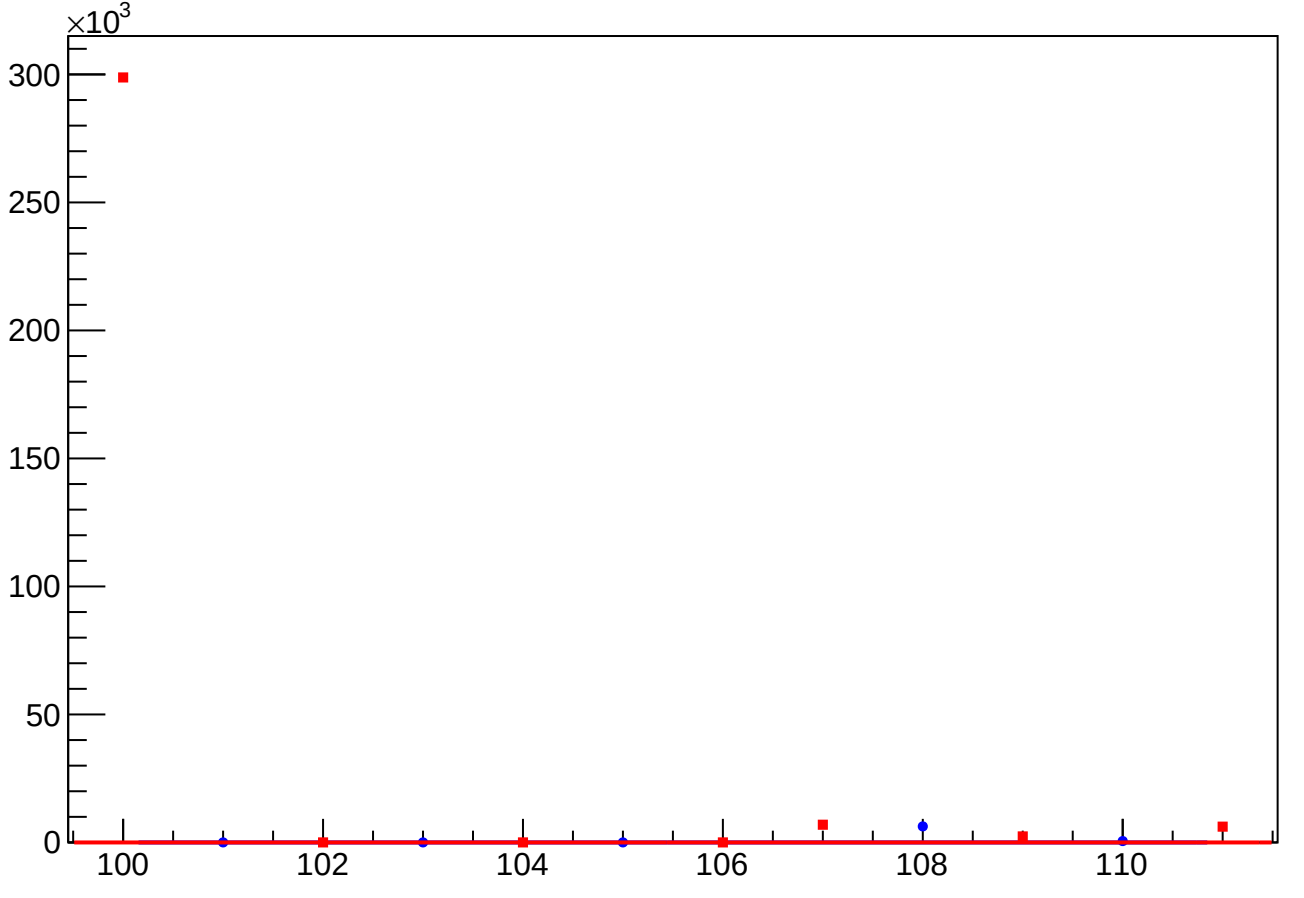
Right Out: -0.027+/-0.020 χ^2/NDF: 7.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.023+/-0.021 χ^2/NDF: 1.5/4

-0.027+/-0.020 χ^2/NDF: 7.9/6

diff_cav4dX_rms vs slug



Right In: 17.020+/-0.015 χ^2/NDF: 993968.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

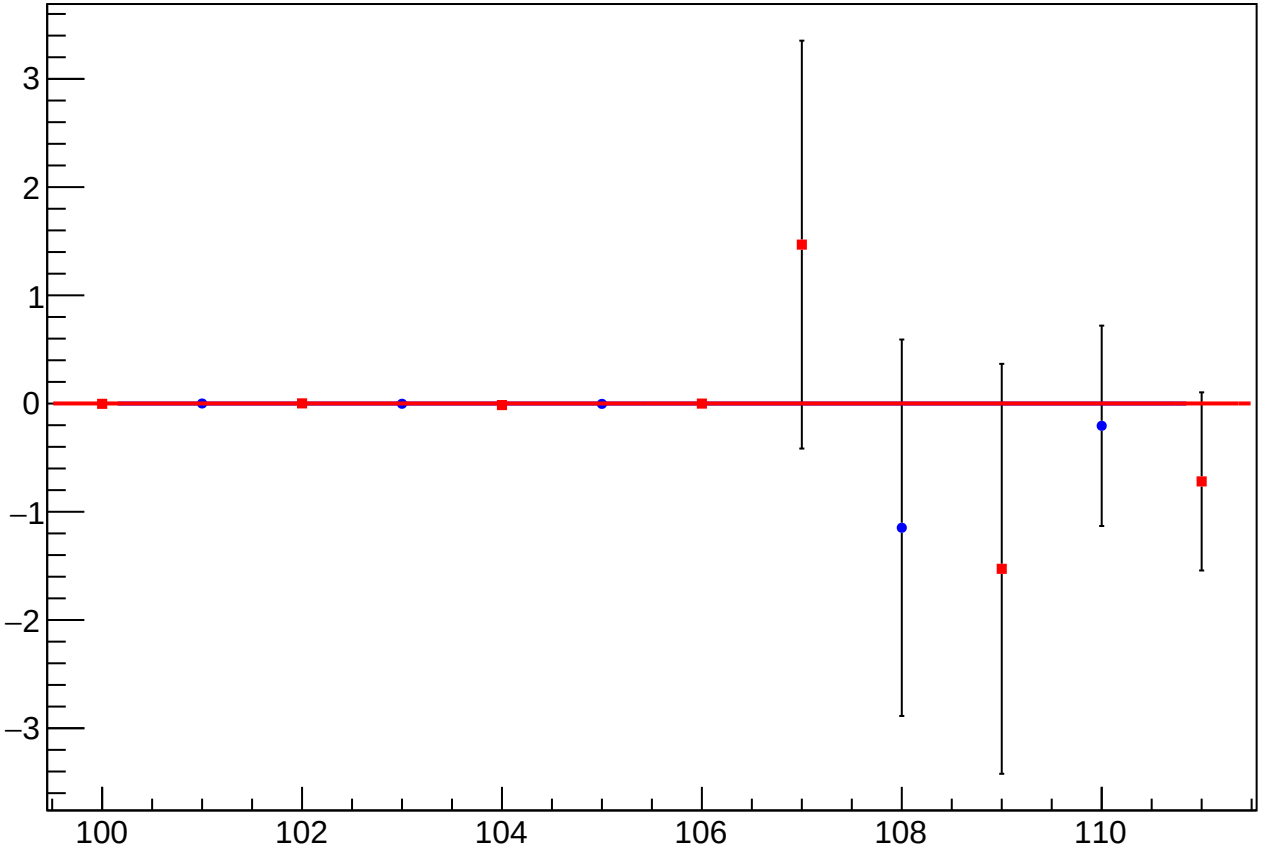
Right Out: 17.019+/-0.014 χ^2/NDF: 2101158.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.020+/-0.015 χ^2/NDF: 993968.7/4

17.019+/-0.014 χ^2/NDF: 2101158.6/6

diff_cav4dY_mean vs slug



Right In: 0.000+/-0.002 χ^2/NDF: 0.7/4

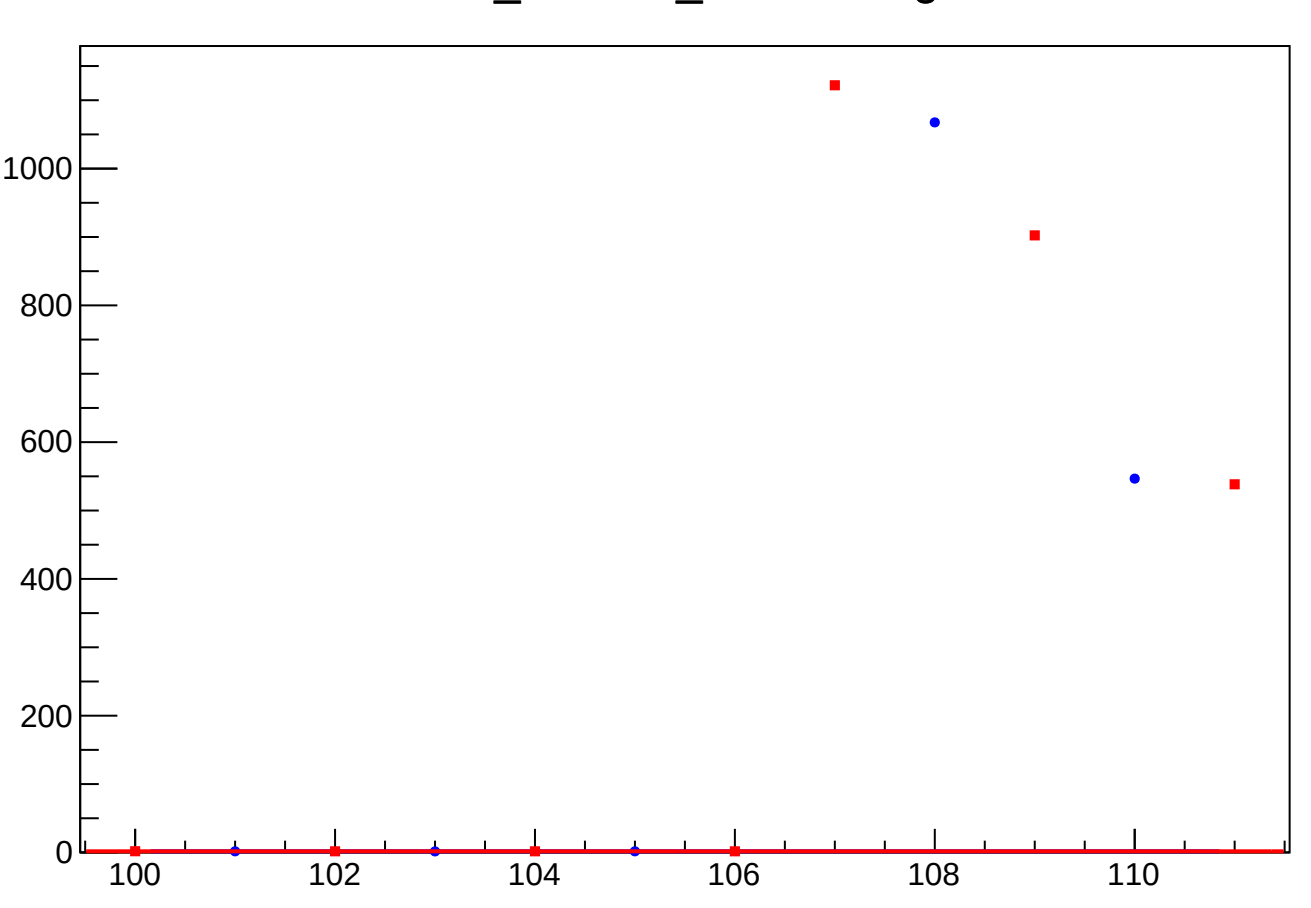
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.002 χ^2/NDF: 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.000+/-0.002 χ^2/NDF: 0.7/4

0.001+/-0.002 χ^2/NDF: 3.0/6



Right In: 1.649+/-0.001 χ^2/NDF: 1445161.2/4

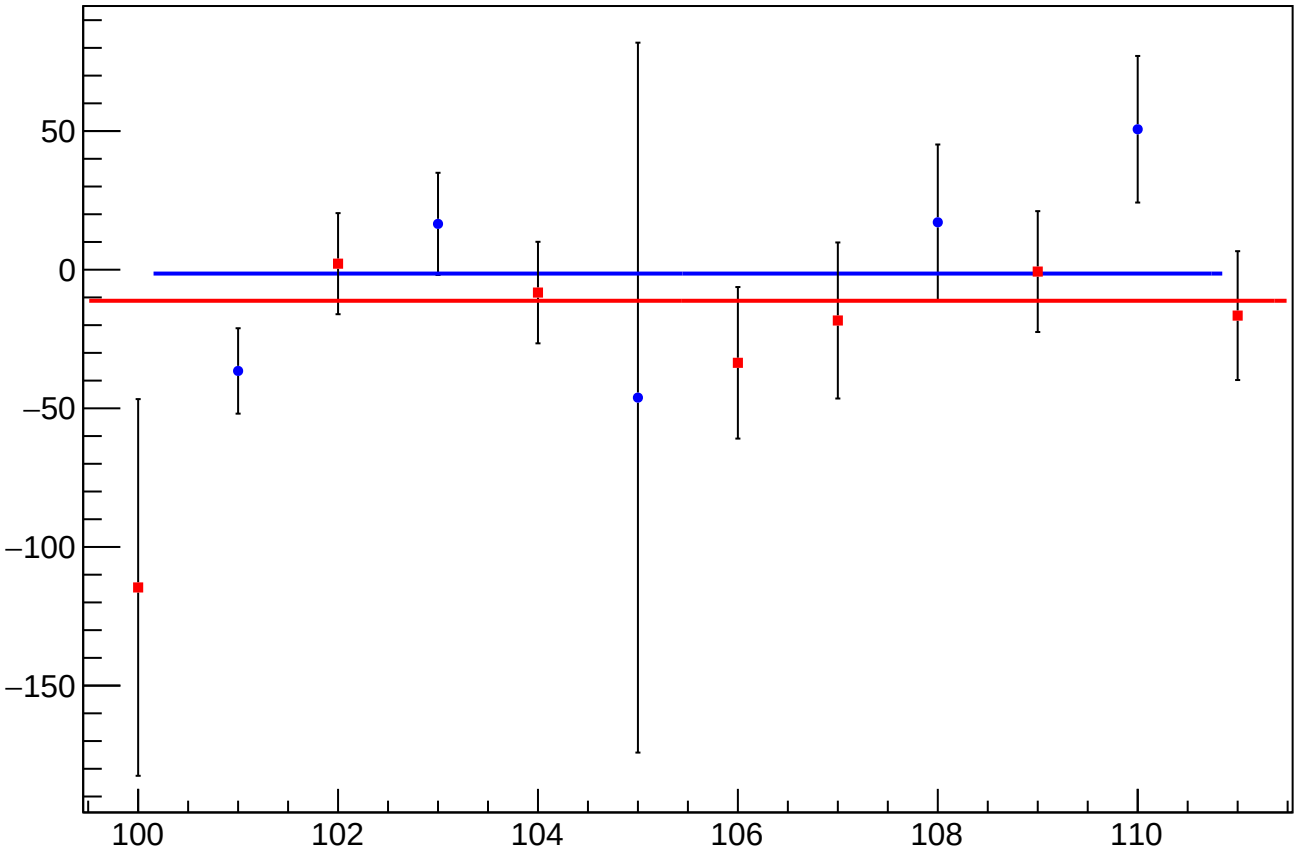
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.685+/-0.001 χ^2/NDF: 2009393.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.649+/-0.001 χ^2/NDF: 1445161.2/4

1.685+/-0.001 χ^2/NDF: 2009393.6/6



Right In: -1.396+/-10.038 χ^2/NDF: 10.6/4

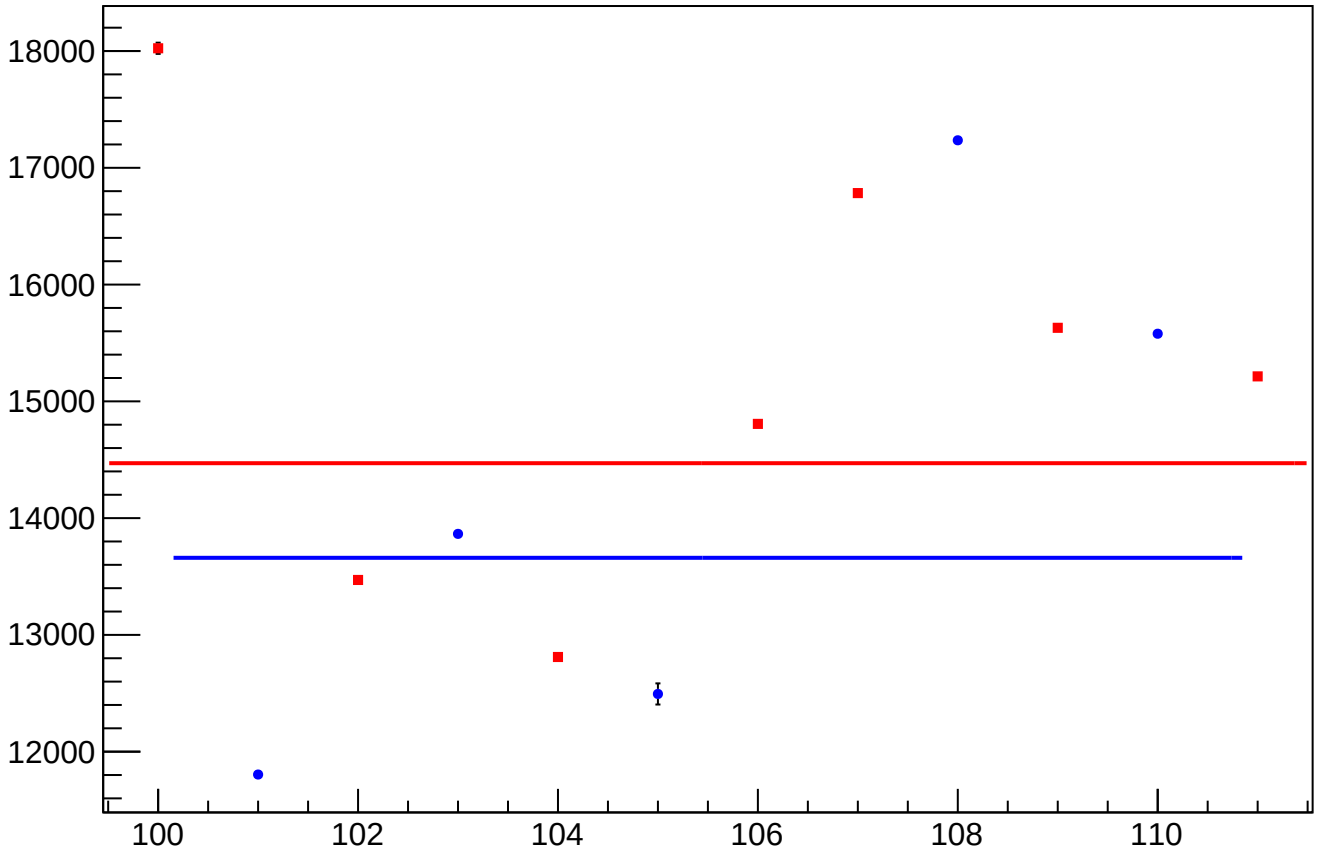
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11.206+/-8.850 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.396+/-10.038 χ^2/NDF: 10.6/4

-11.206+/-8.850 χ^2/NDF: 3.9/6



Right In: 13660.170+/-7.098 χ^2/NDF: 72499.4/4

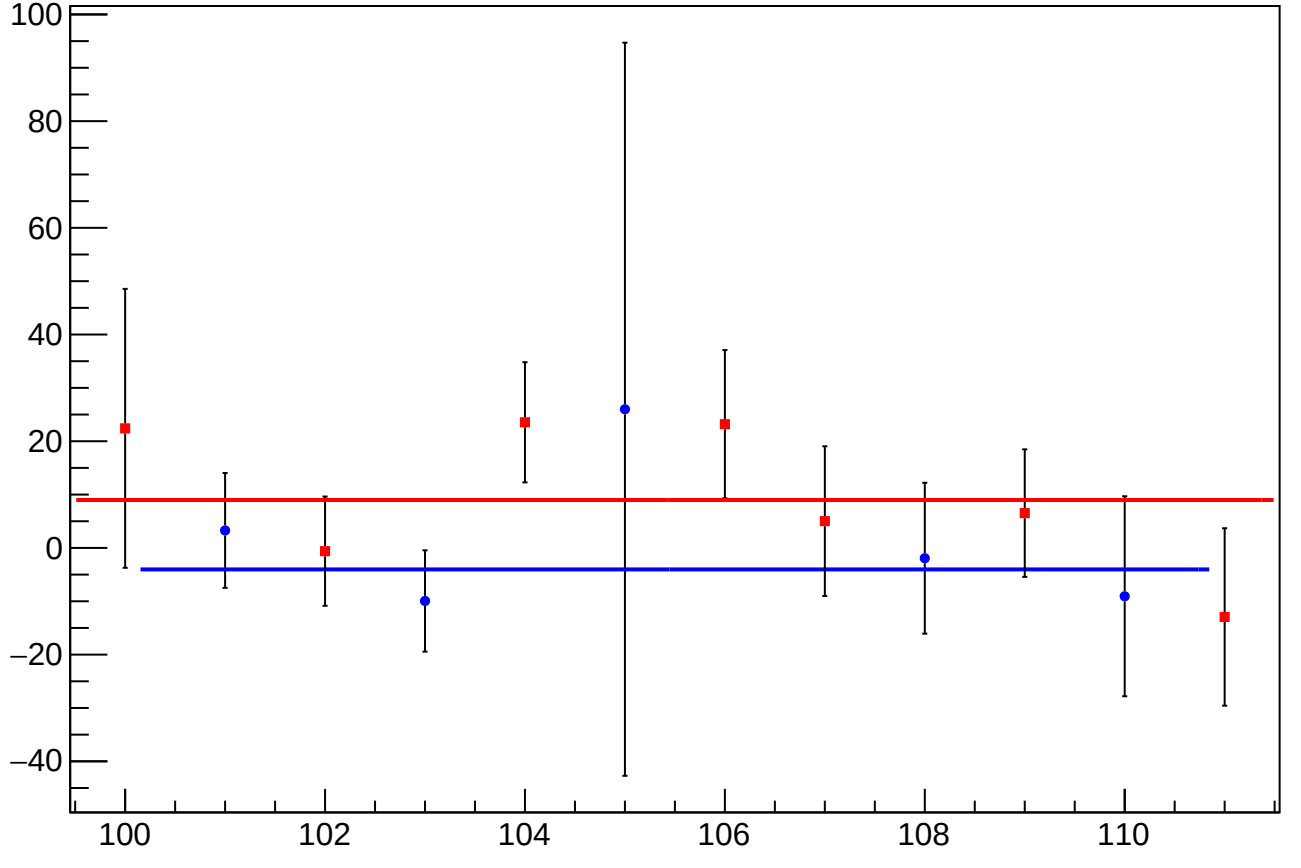
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14470.380+/-6.258 χ^2/NDF: 49444.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

13660.170+/-7.098 χ^2/NDF: 72499.4/4

14470.380+/-6.258 χ^2/NDF: 49444.7/6



Right In: -4.027+/-6.001 χ^2/NDF: 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

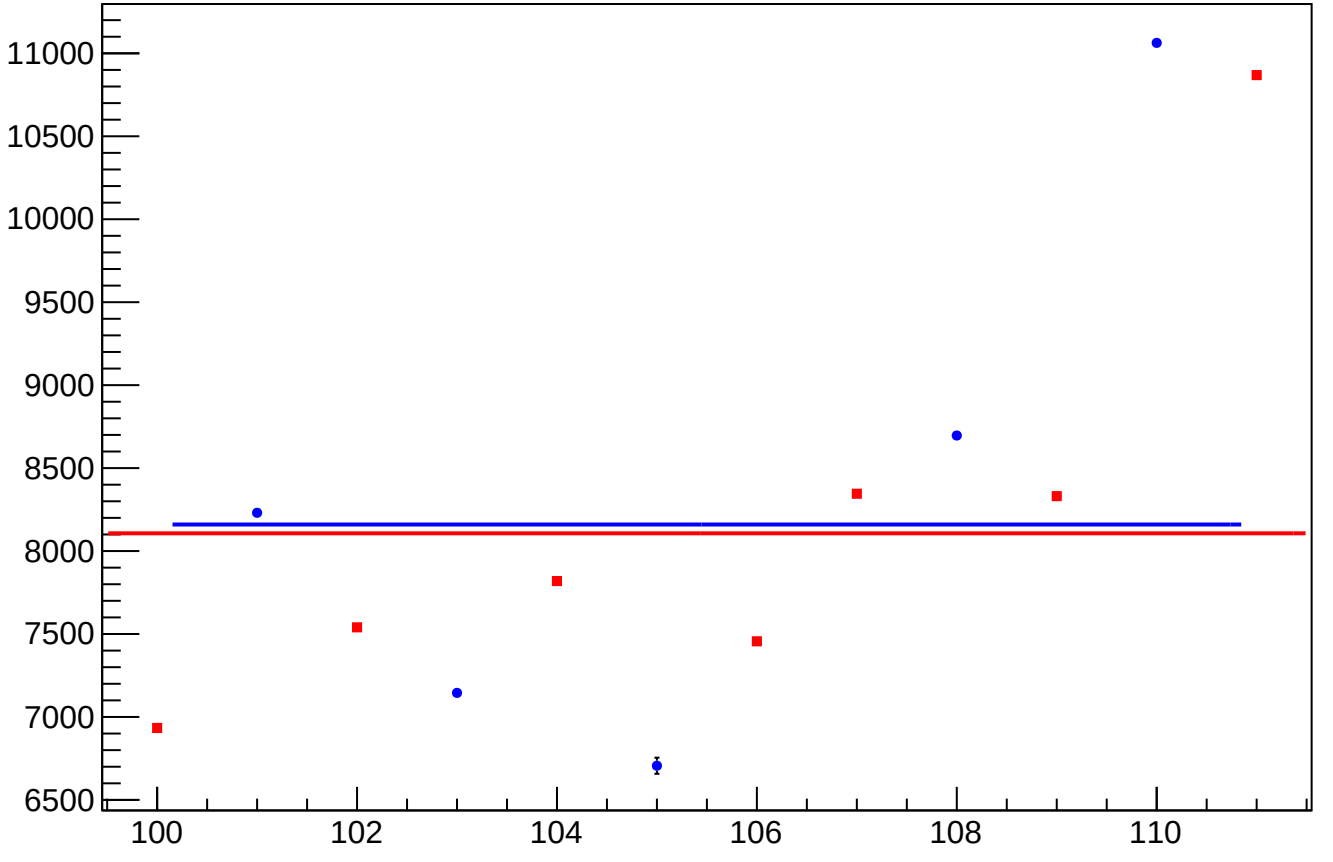
Right Out: 8.987+/-5.014 χ^2/NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4.027+/-6.001 χ^2/NDF: 1.1/4

8.987+/-5.014 χ^2/NDF: 5.7/6

diff_bpm4aY_rms vs slug



Right In: 8160.005+/-4.243 χ^2/NDF: 74648.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

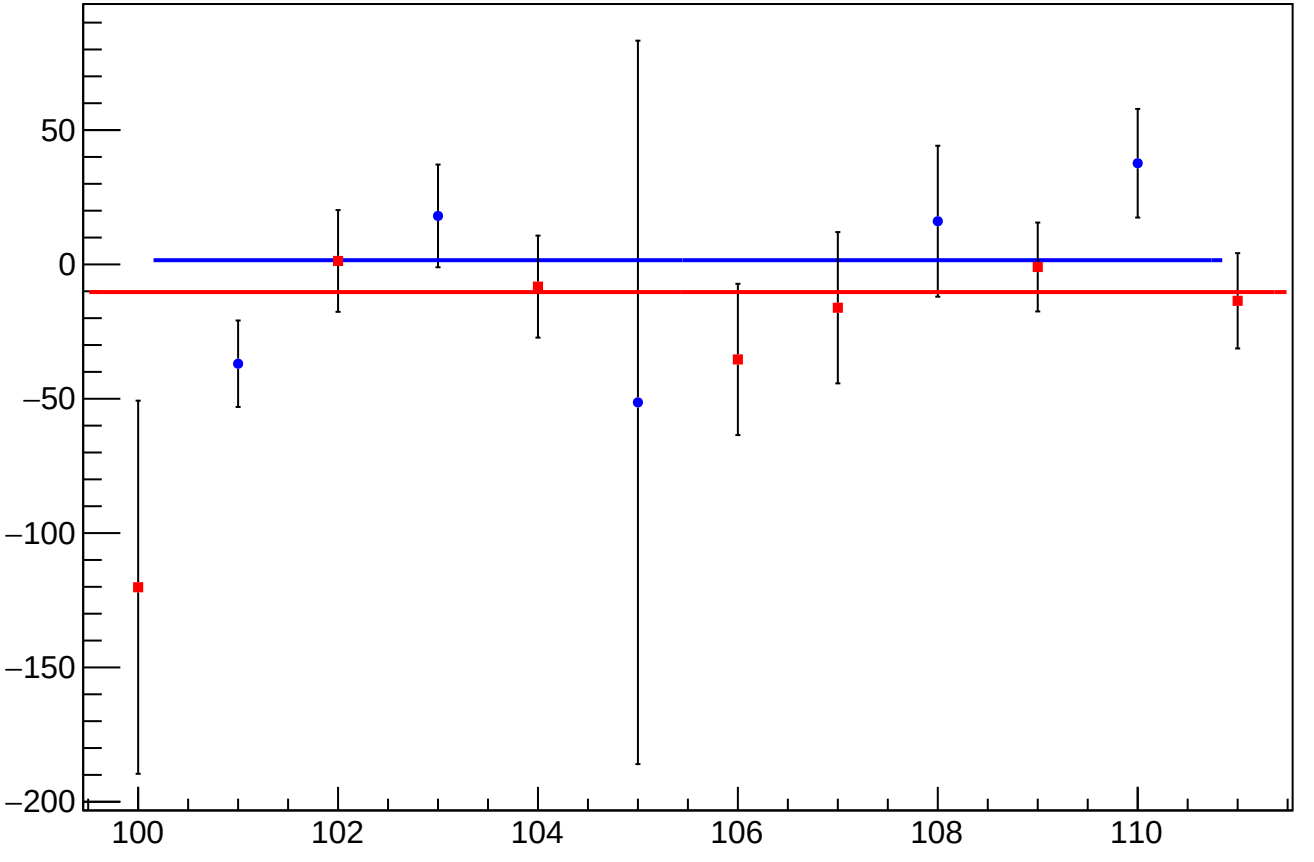
Right Out: 8106.985+/-3.546 χ^2/NDF: 72303.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

8160.005+/-4.243 χ^2/NDF: 74648.0/4

8106.985+/-3.546 χ^2/NDF: 72303.7/6

diff_bpm4eX_mean vs slug



Right In: 1.571+/-9.820 χ^2/NDF: 10.1/4

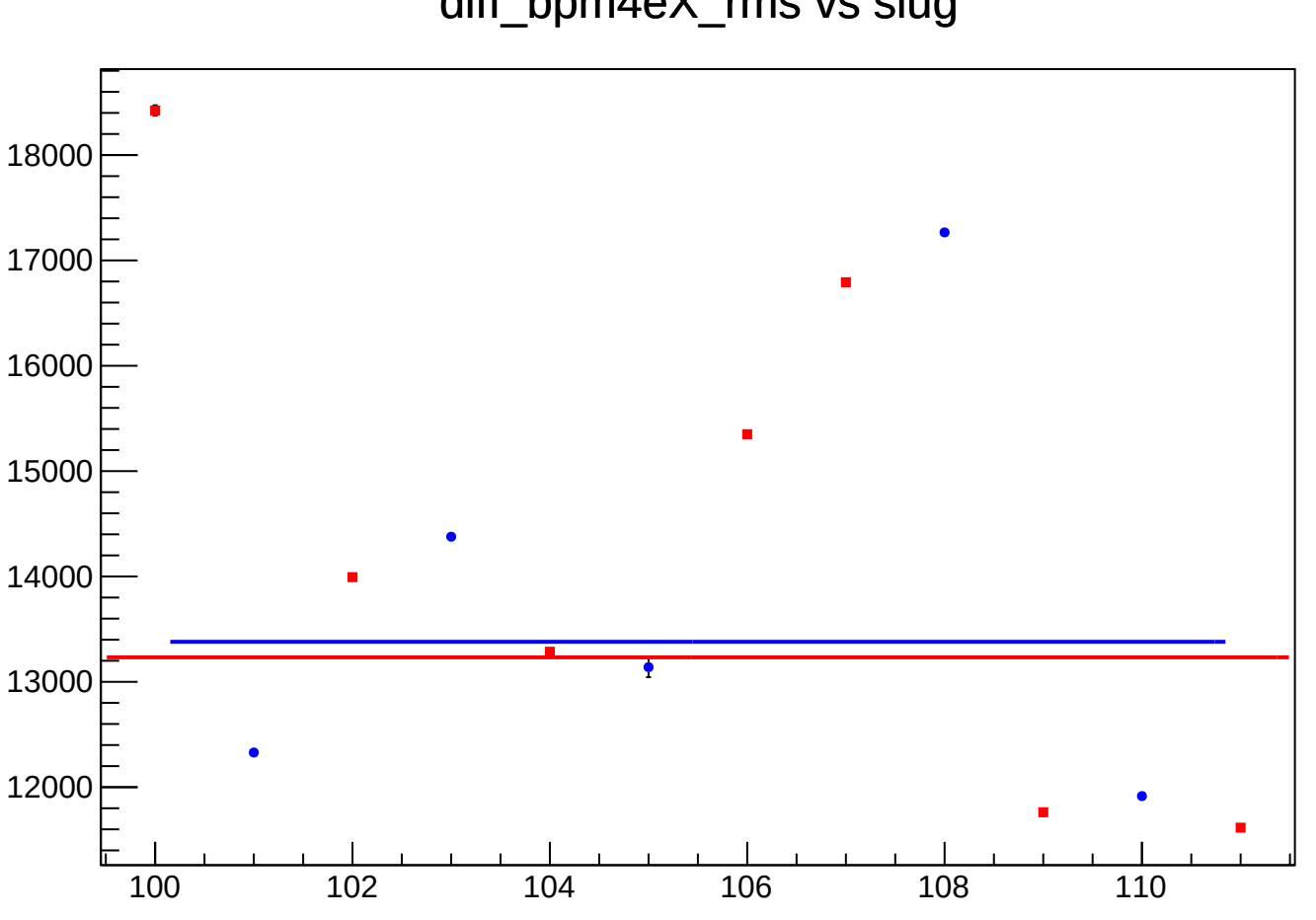
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.295+/-8.131 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.571+/-9.820 χ^2/NDF: 10.1/4

-10.295+/-8.131 χ^2/NDF: 4.1/6



Right In: 13379.869+/-6.943 χ^2/NDF: 62741.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

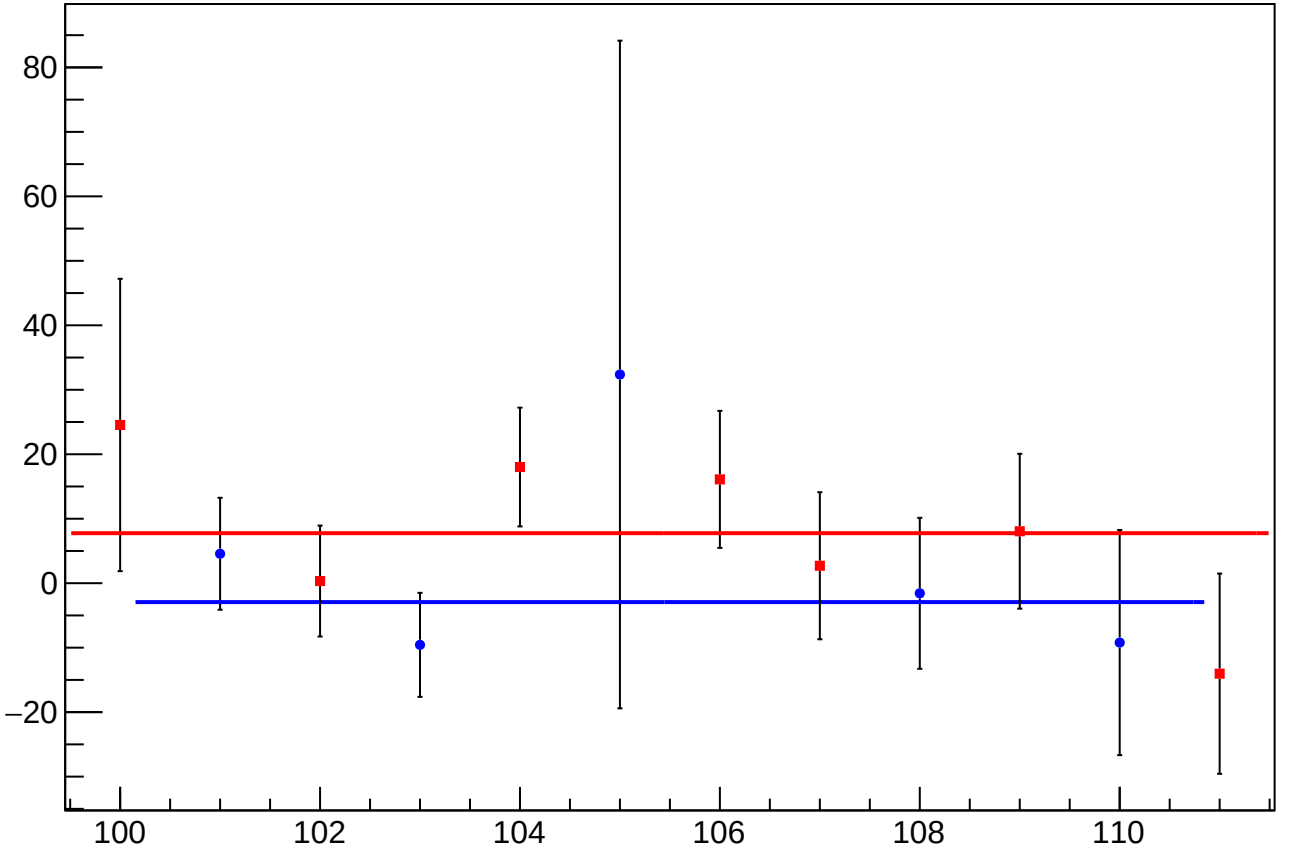
Right Out: 13232.382+/-5.749 χ^2/NDF: 90137.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

13379.869+/-6.943 χ^2/NDF: 62741.7/4

13232.382+/-5.749 χ^2/NDF: 90137.5/6

diff_bpm4eY_mean vs slug



Right In: -2.930+/-5.026 χ^2/NDF: 2.0/4

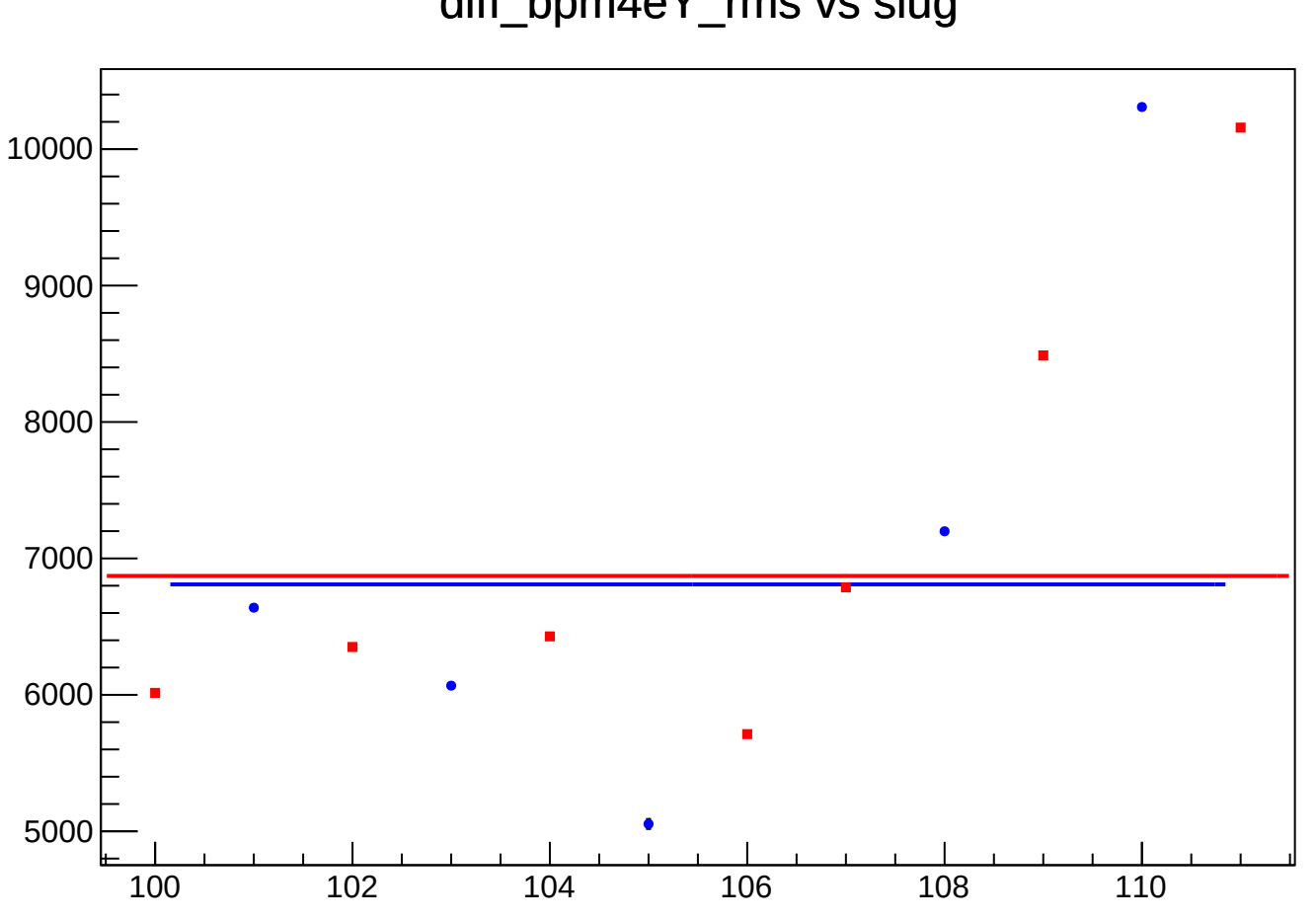
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.758+/-4.270 χ^2/NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.930+/-5.026 χ^2/NDF: 2.0/4

7.758+/-4.270 χ^2/NDF: 5.3/6



Right In: 6809.626+/-3.554 χ^2/NDF: 102567.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

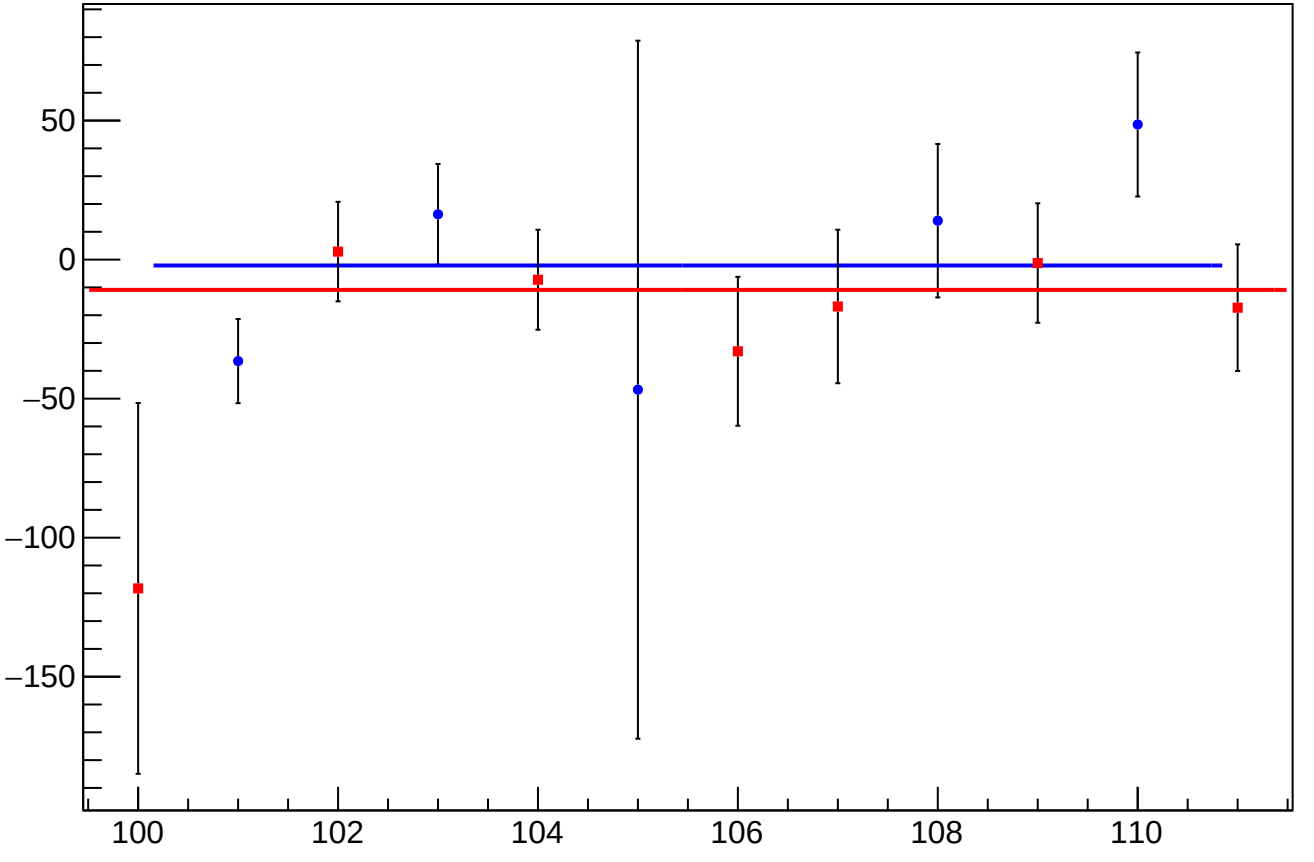
Right Out: 6871.898+/-3.019 χ^2/NDF: 164532.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6809.626+/-3.554 χ^2/NDF: 102567.0/4

6871.898+/-3.019 χ^2/NDF: 164532.8/6

diff_bpm4acX_mean vs slug



Right In: -2.117+/-9.859 χ^2/NDF: 10.5/4

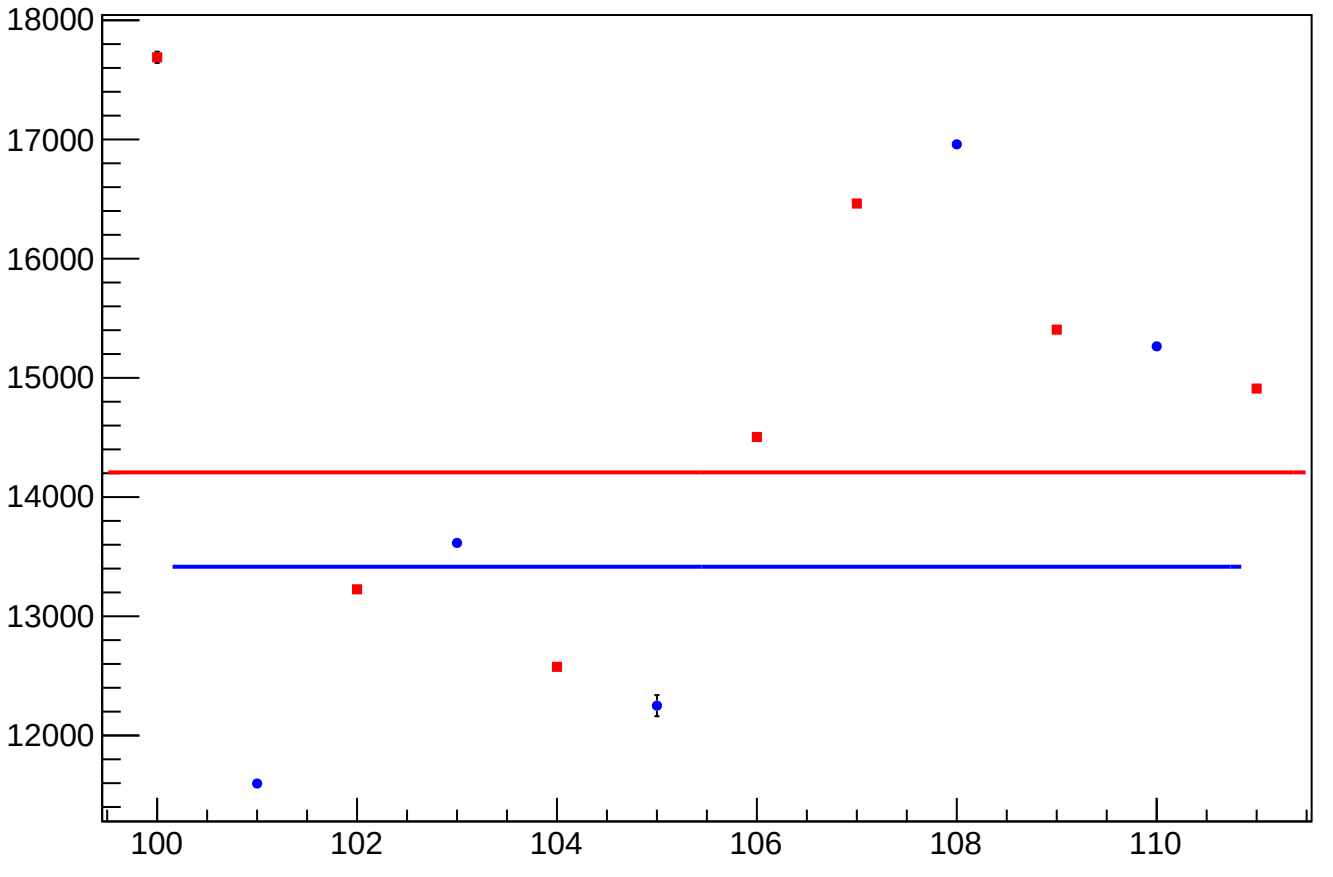
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.885+/-8.689 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.117+/-9.859 χ^2/NDF: 10.5/4

-10.885+/-8.689 χ^2/NDF: 4.2/6



Right In: 13415.721+/-6.971 χ^2/NDF: 72474.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

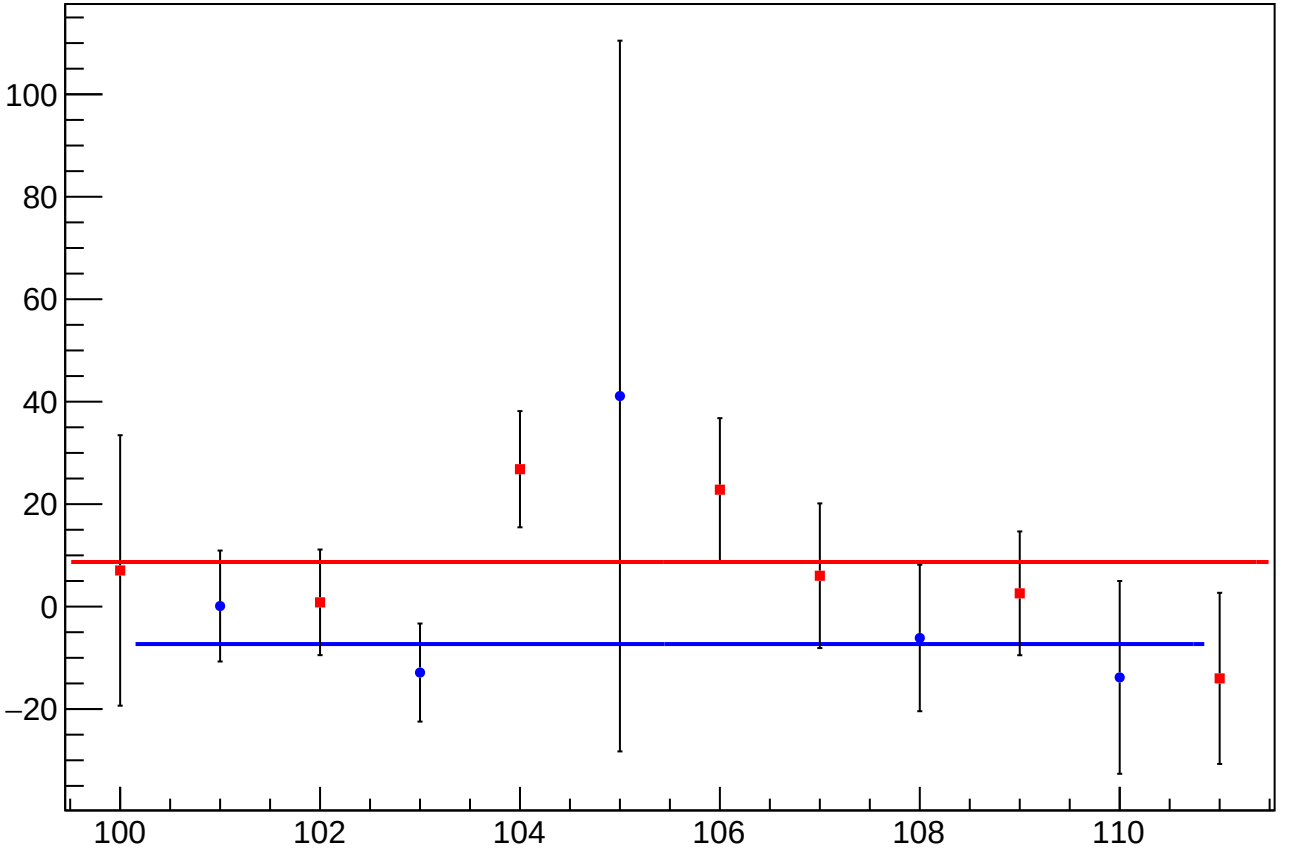
Right Out: 14206.957+/-6.144 χ^2/NDF: 49651.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

13415.721+/-6.971 χ^2/NDF: 72474.4/4

14206.957+/-6.144 χ^2/NDF: 49651.2/6

diff_bpm4acY_mean vs slug



Right In: -7.312+/-6.045 χ^2/NDF: 1.4/4

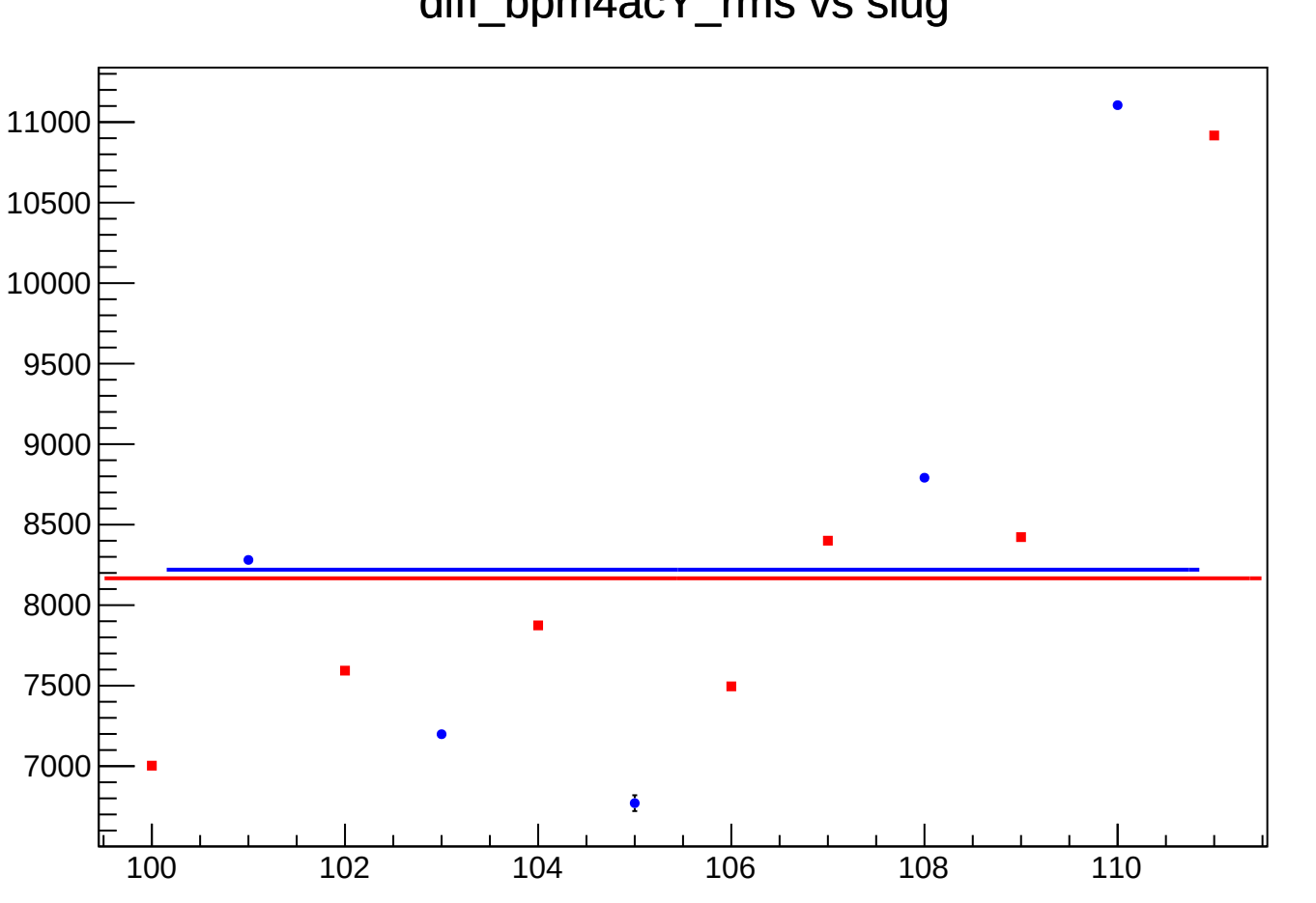
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.707+/-5.051 χ^2/NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-7.312+/-6.045 χ^2/NDF: 1.4/4

8.707+/-5.051 χ^2/NDF: 6.3/6



Right In: 8220.307+/-4.274 χ^2/NDF: 73934.5/4

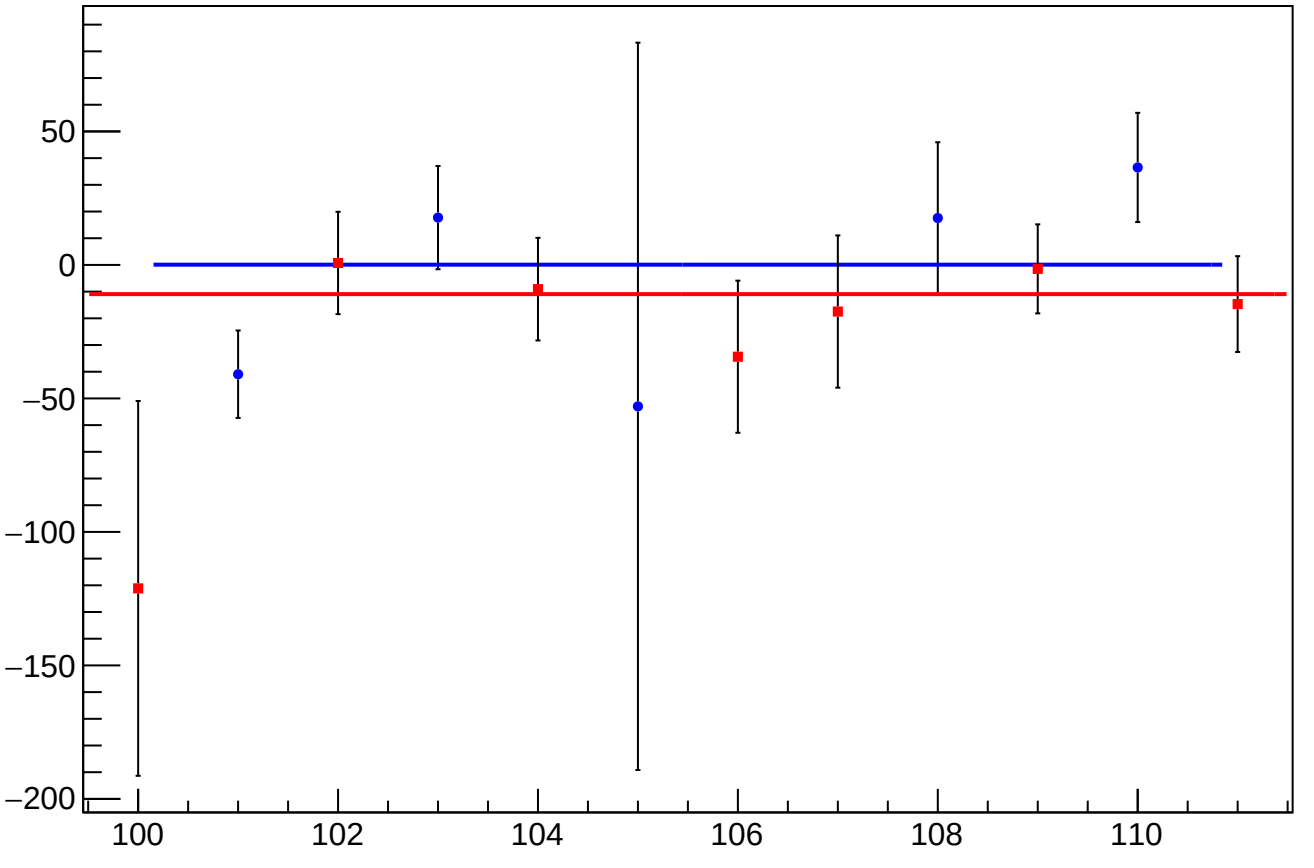
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8166.719+/-3.571 χ^2/NDF: 71692.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

8220.307+/-4.274 χ^2/NDF: 73934.5/4

8166.719+/-3.571 χ^2/NDF: 71692.1/6



Right In: 0.097+/-9.956 χ^2/NDF: 10.8/4

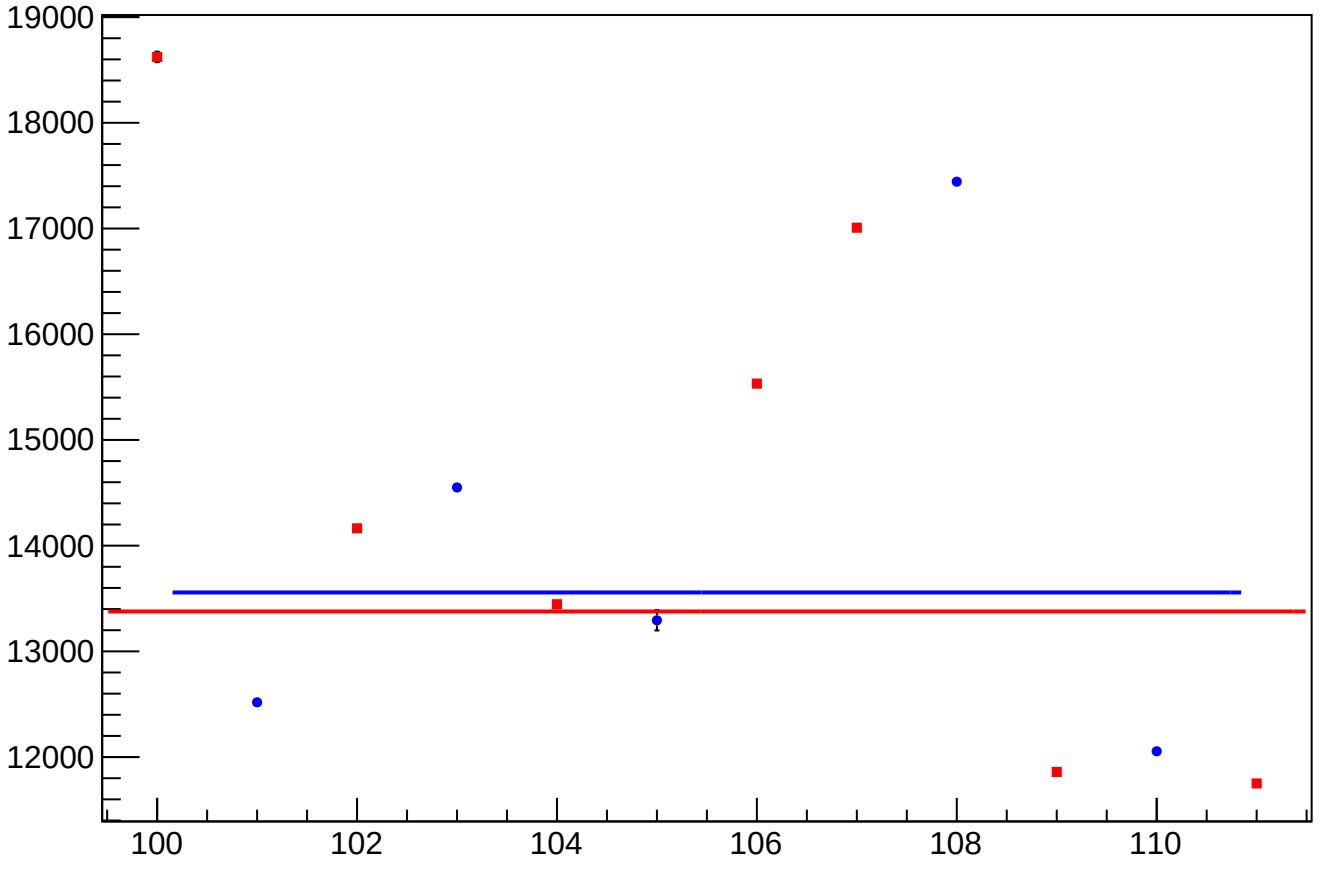
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.935+/-8.221 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.097+/-9.956 χ^2/NDF: 10.8/4

-10.935+/-8.221 χ^2/NDF: 3.9/6



Right In: 13557.000+/-7.040 χ^2/NDF: 61617.9/4

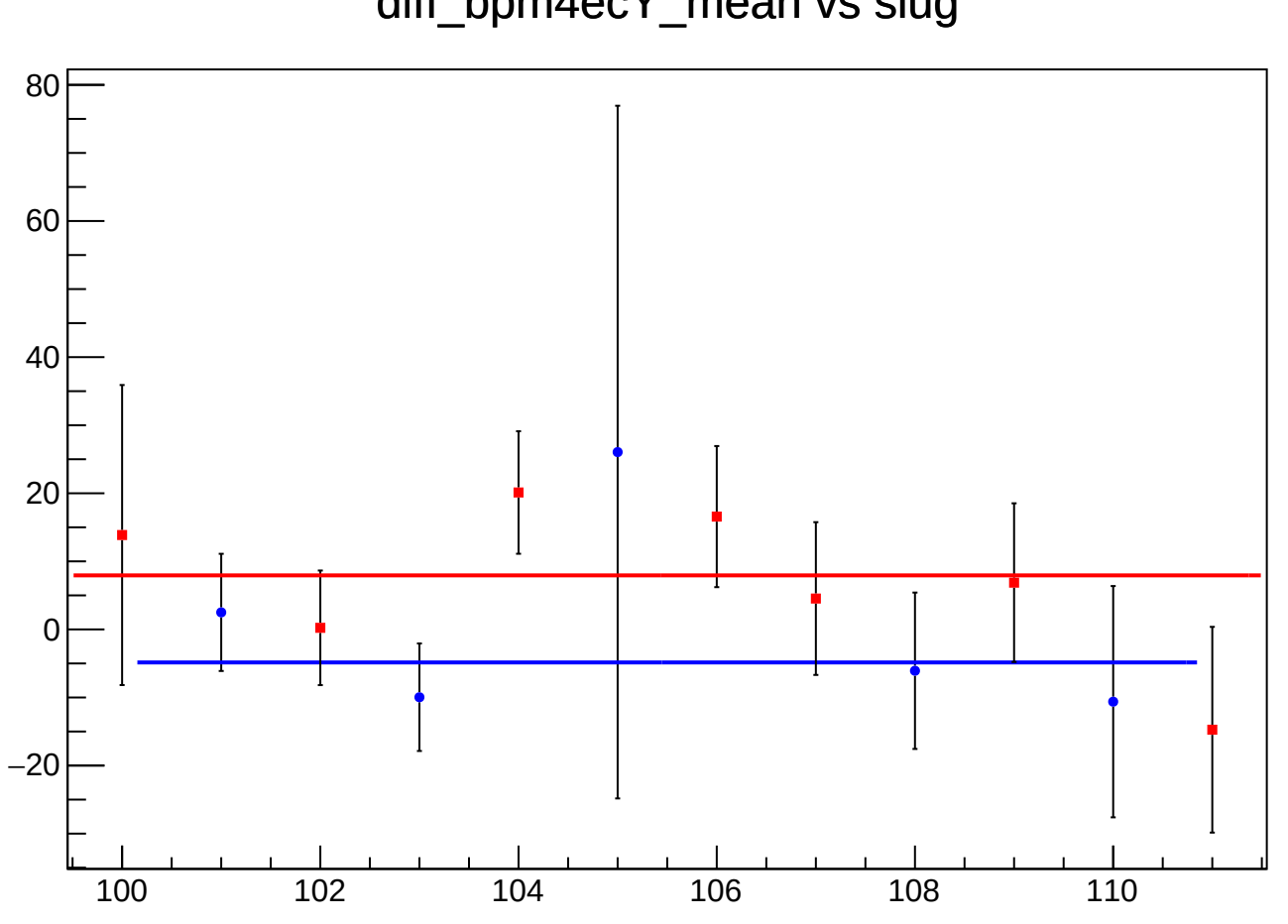
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13377.206+/-5.813 χ^2/NDF: 91454.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

13557.000+/-7.040 χ^2/NDF: 61617.9/4

13377.206+/-5.813 χ^2/NDF: 91454.0/6



Right In: -4.852+/-4.940 χ^2/NDF: 1.6/4

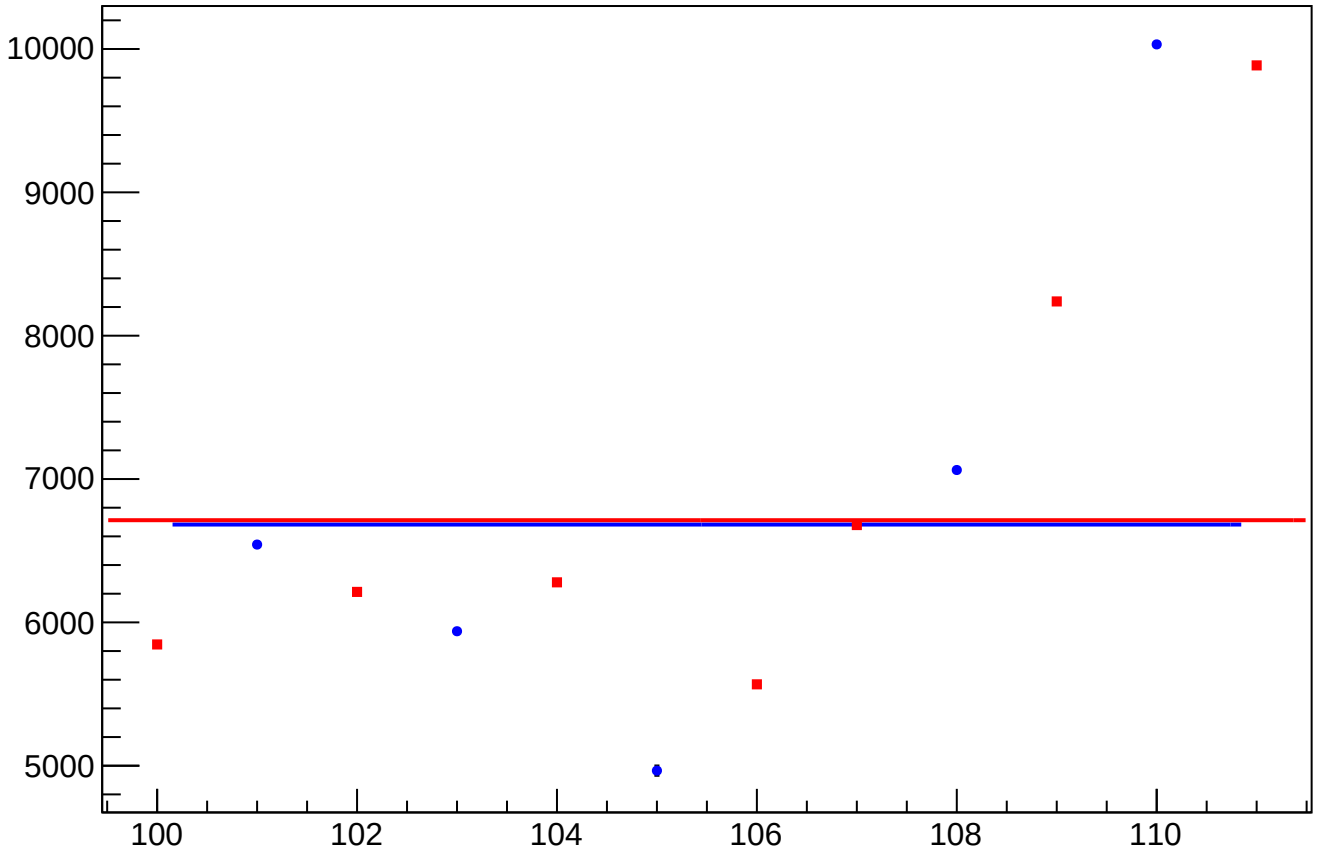
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.939+/-4.170 χ^2/NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4.852+/-4.940 χ^2/NDF: 1.6/4

7.939+/-4.170 χ^2/NDF: 5.8/6



Right In: 6682.528+/-3.493 χ^2/NDF: 100513.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

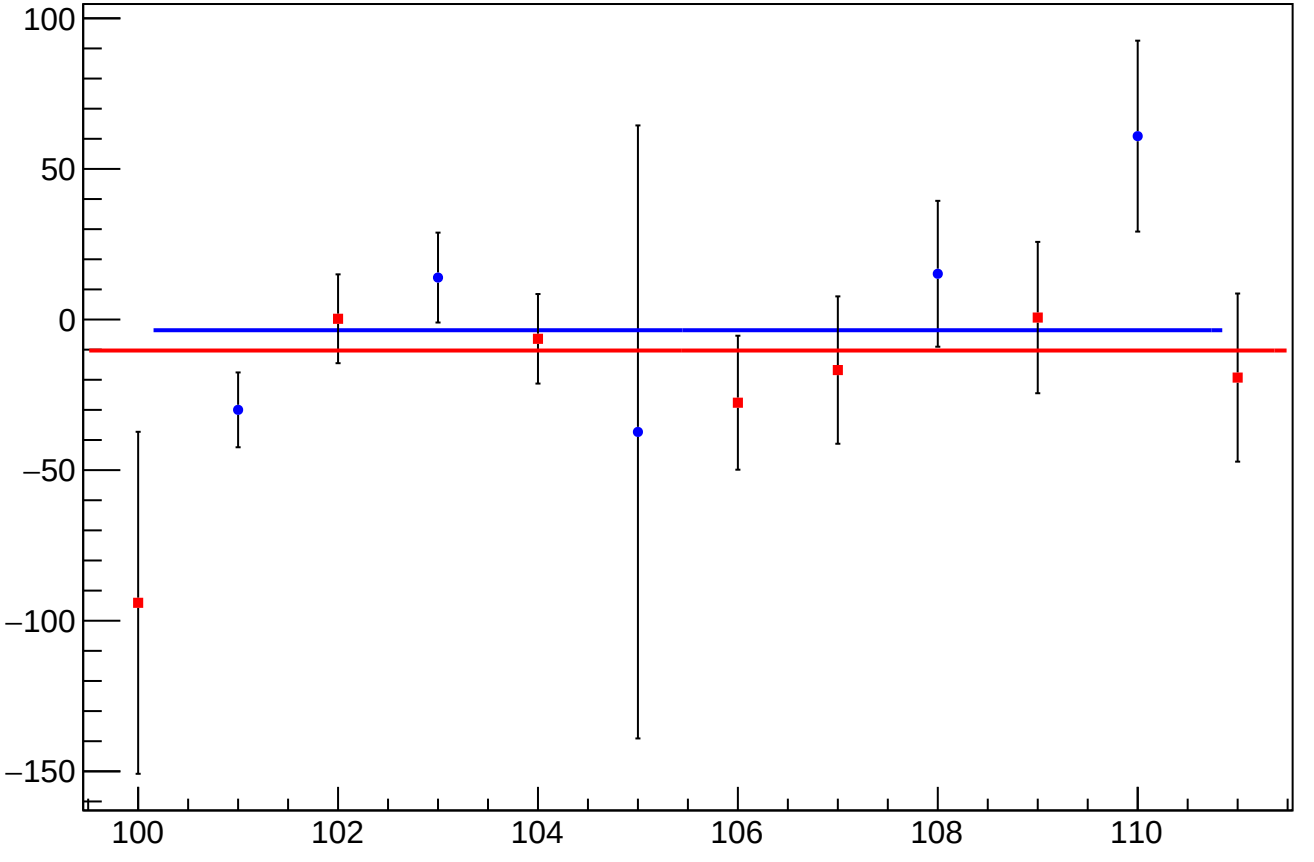
Right Out: 6712.819+/-2.949 χ^2/NDF: 161668.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6682.528+/-3.493 χ^2/NDF: 100513.0/4

6712.819+/-2.949 χ^2/NDF: 161668.6/6

diff_bpm1X_mean vs slug



Right In: -3.553+/-8.522 χ^2/NDF: 10.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

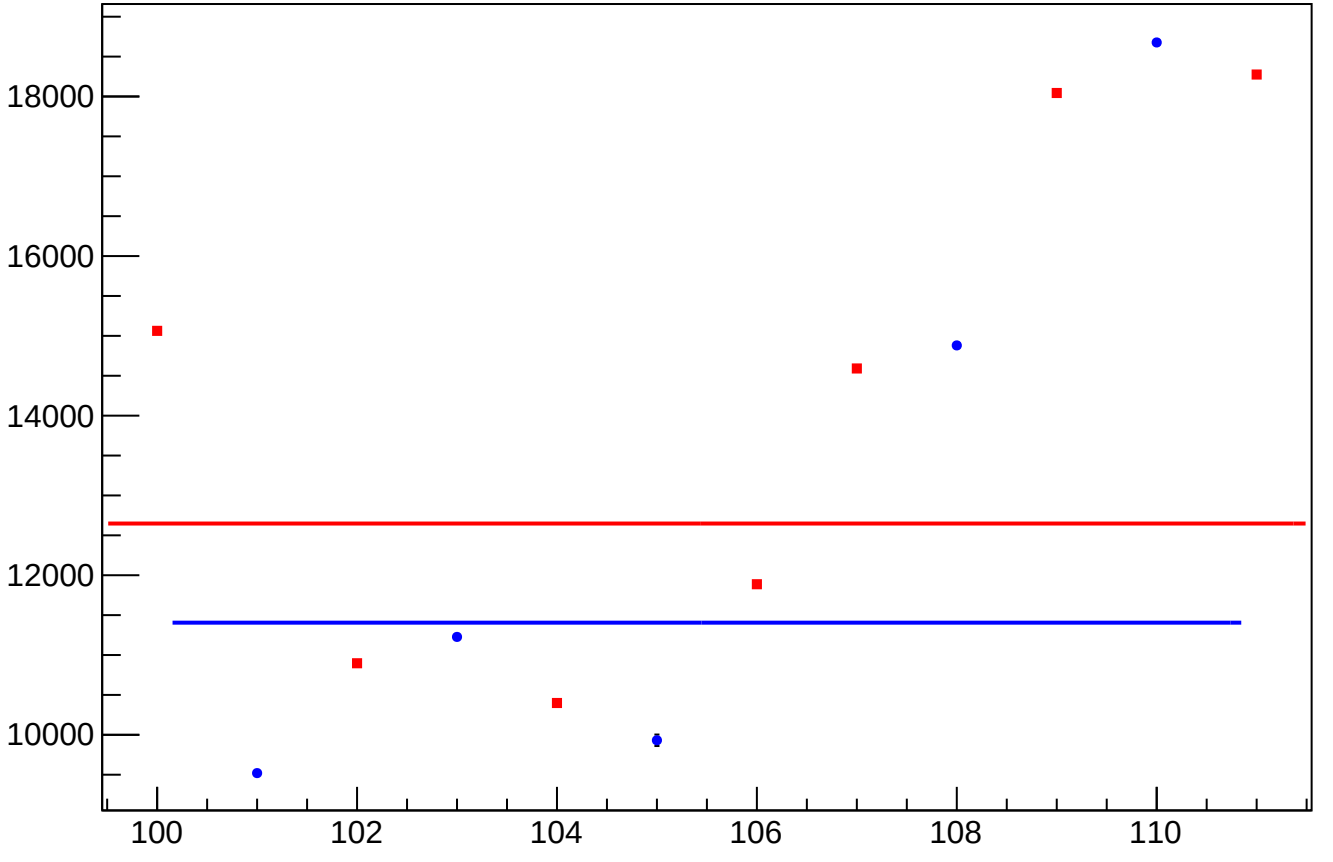
Right Out: -10.290+/-7.907 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.553+/-8.522 χ^2/NDF: 10.7/4

-10.290+/-7.907 χ^2/NDF: 3.7/6

diff_bpm1X_rms vs slug



Right In: 11405.559+/-6.026 χ^2/NDF: 193254.0/4

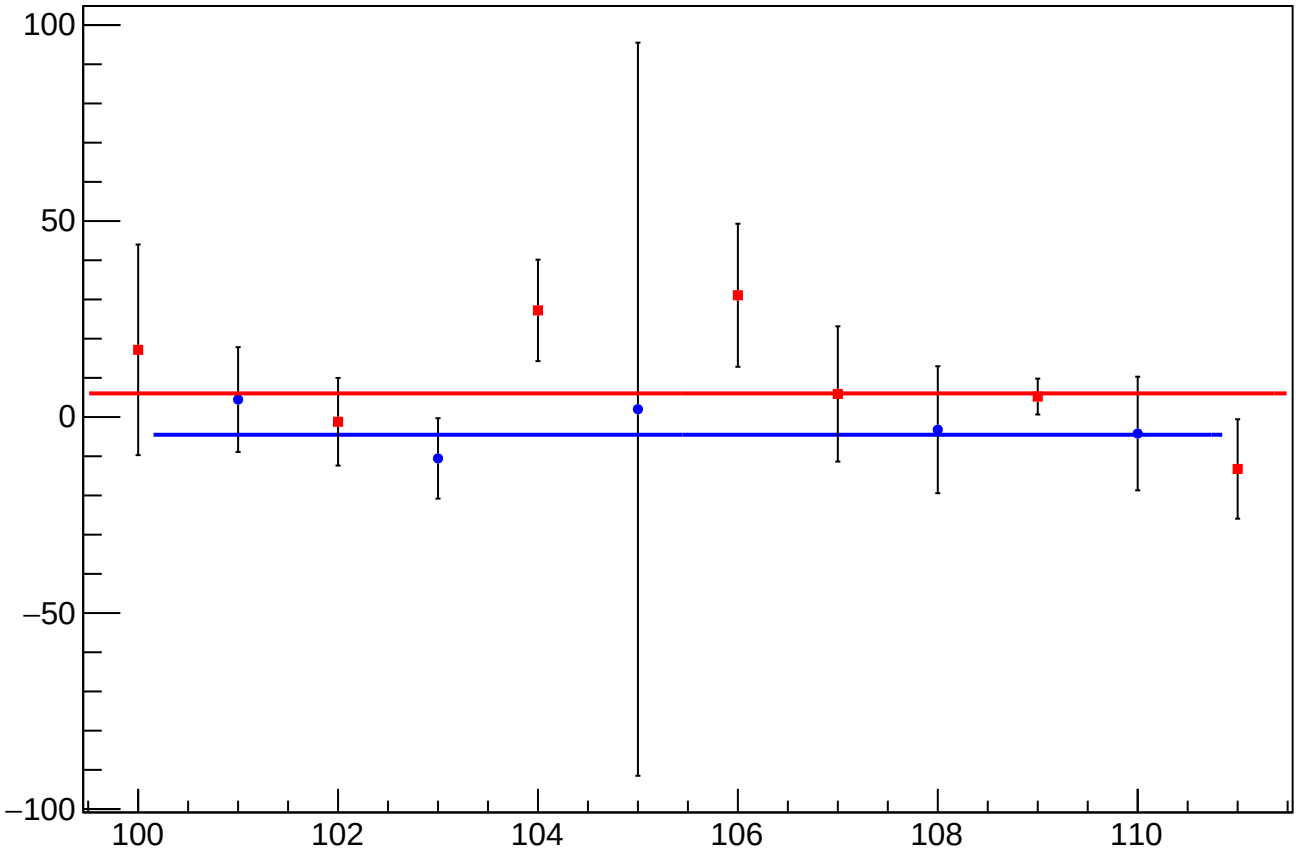
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12647.945+/-5.591 χ^2/NDF: 266135.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

11405.559+/-6.026 χ^2/NDF: 193254.0/4

12647.945+/-5.591 χ^2/NDF: 266135.1/6



Right In: -4.512+/-6.485 χ^2/NDF: 0.8/4

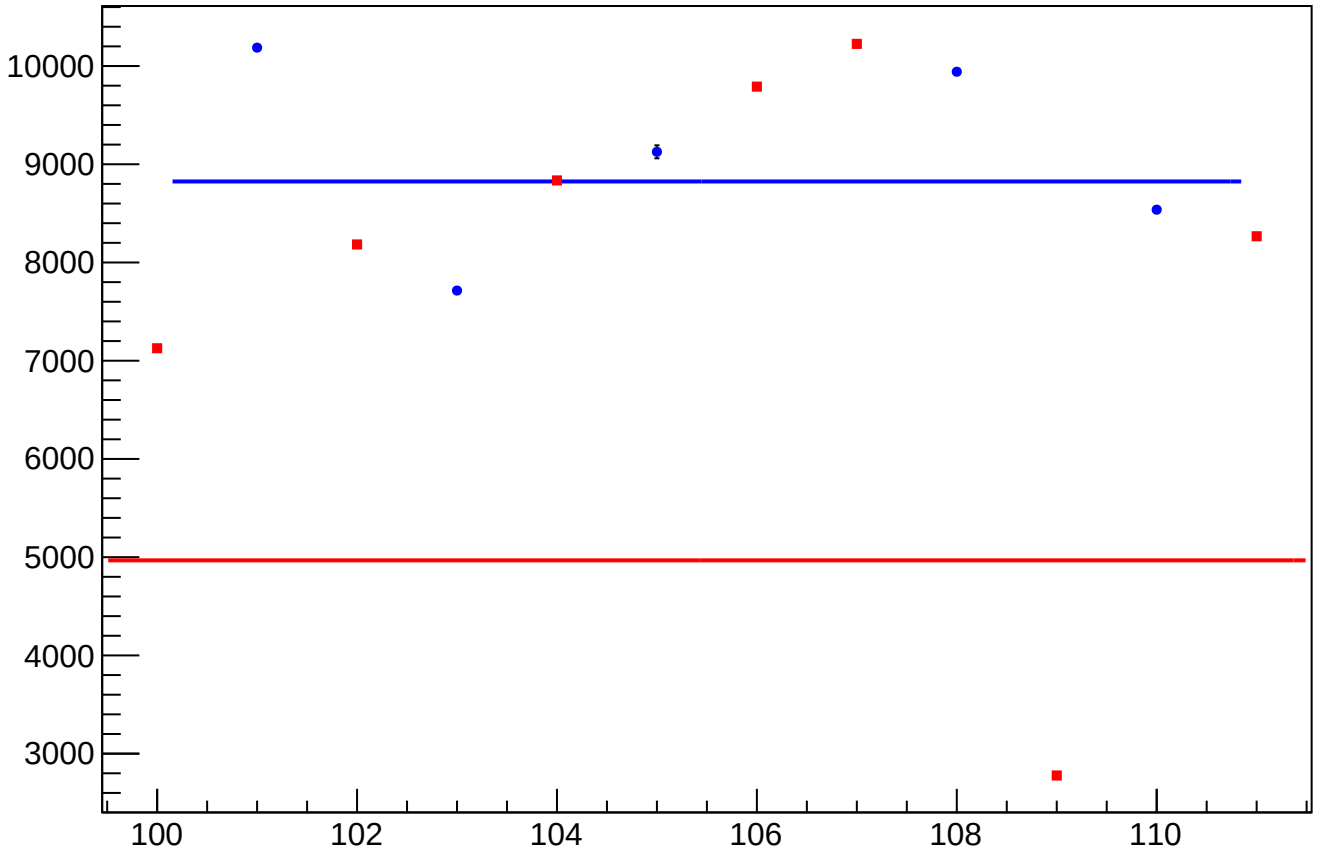
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.039+/-3.635 χ^2/NDF: 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4.512+/-6.485 χ^2/NDF: 0.8/4

6.039+/-3.635 χ^2/NDF: 7.5/6



Right In: 8824.744+/-4.586 χ^2/NDF: 54506.4/4

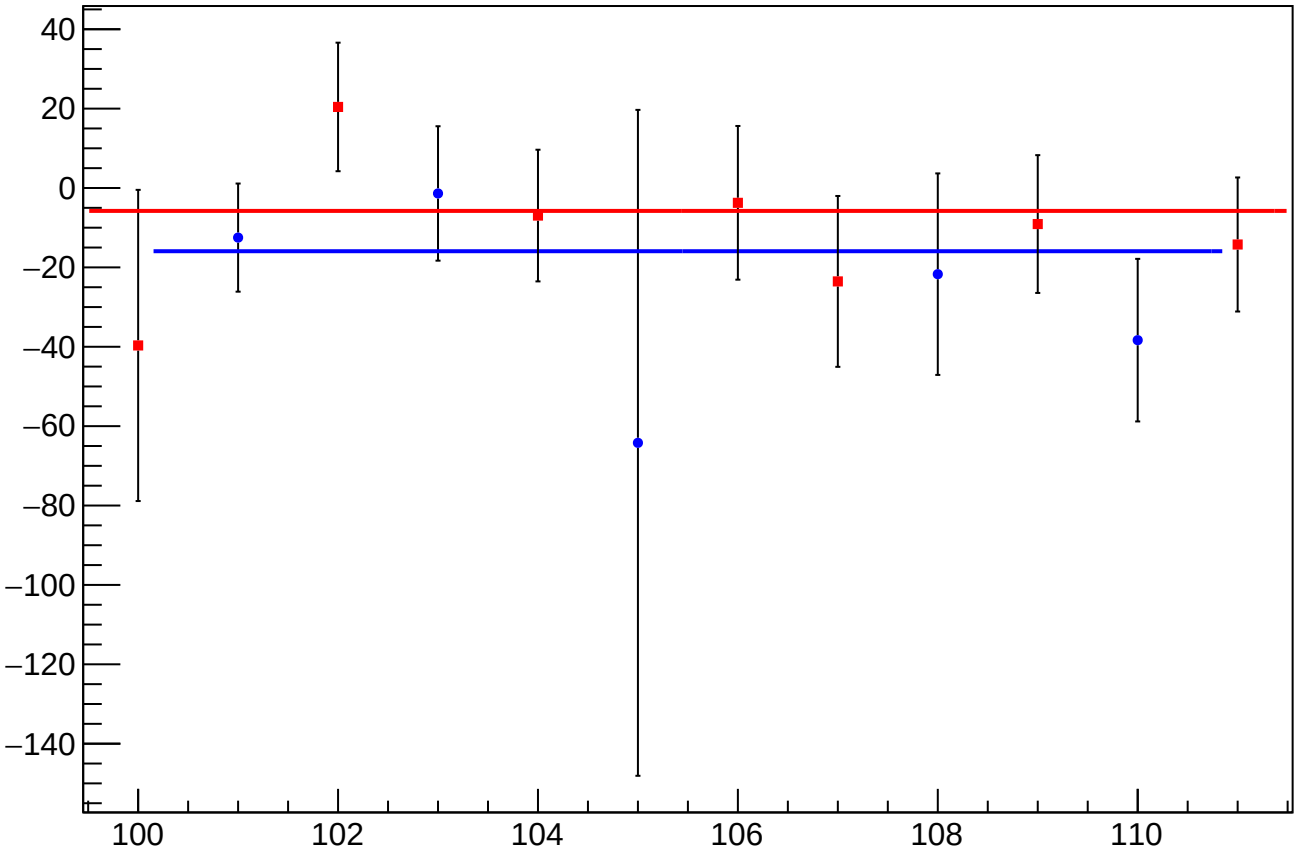
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4967.825+/-2.570 χ^2/NDF: 1275935.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

8824.744+/-4.586 χ^2/NDF: 54506.4/4

4967.825+/-2.570 χ^2/NDF: 1275935.5/6



Right In: -15.927+/-8.786 χ^2/NDF: 2.4/4

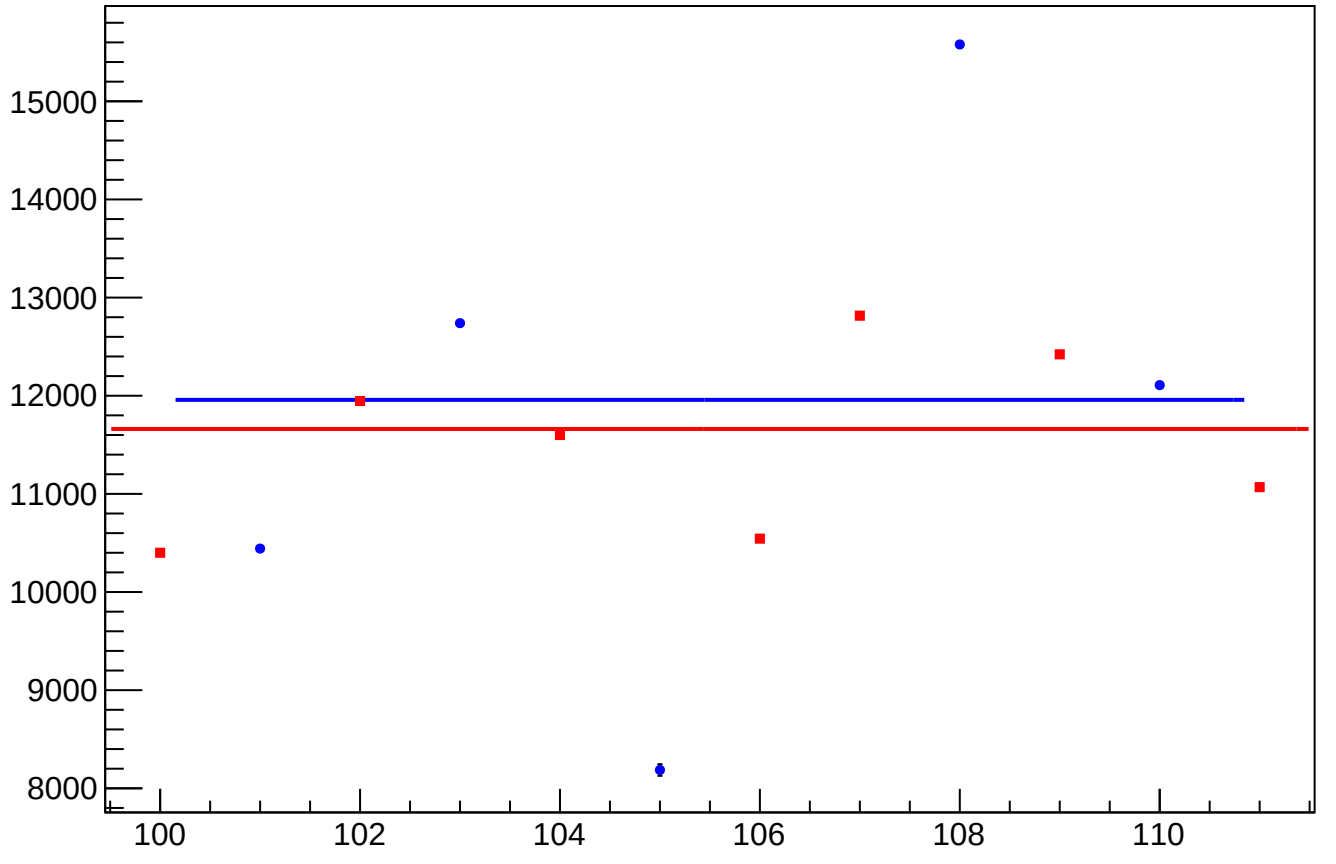
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.771+/-7.116 χ^2/NDF: 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-15.927+/-8.786 χ^2/NDF: 2.4/4

-5.771+/-7.116 χ^2/NDF: 4.3/6



Right In: 11958.060+/-6.212 χ^2/NDF: 73863.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

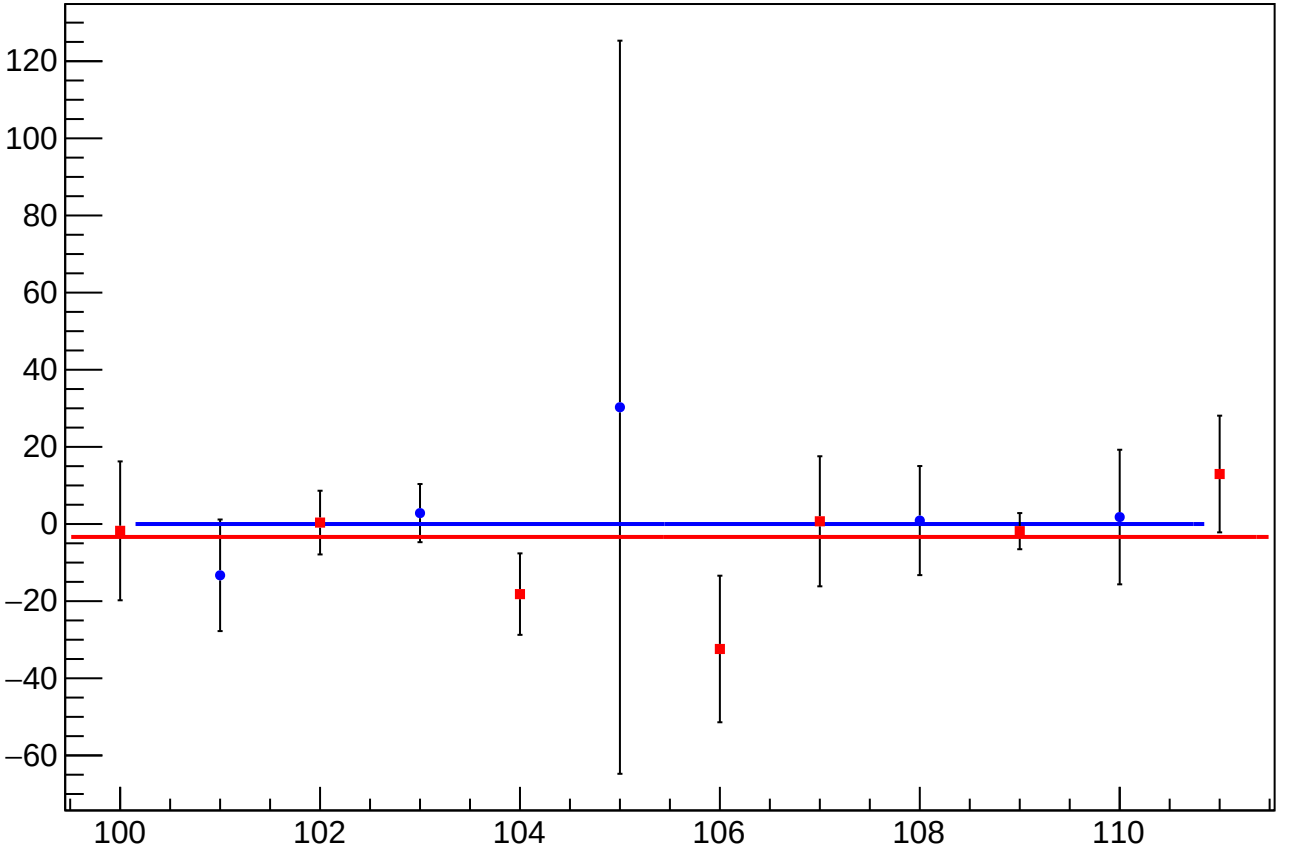
Right Out: 11661.387+/-5.031 χ^2/NDF: 21431.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

11958.060+/-6.212 χ^2/NDF: 73863.2/4

11661.387+/-5.031 χ^2/NDF: 21431.9/6

diff_bpm11Y_mean vs slug



Right In: 0.001+/-5.701 χ^2/NDF: 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

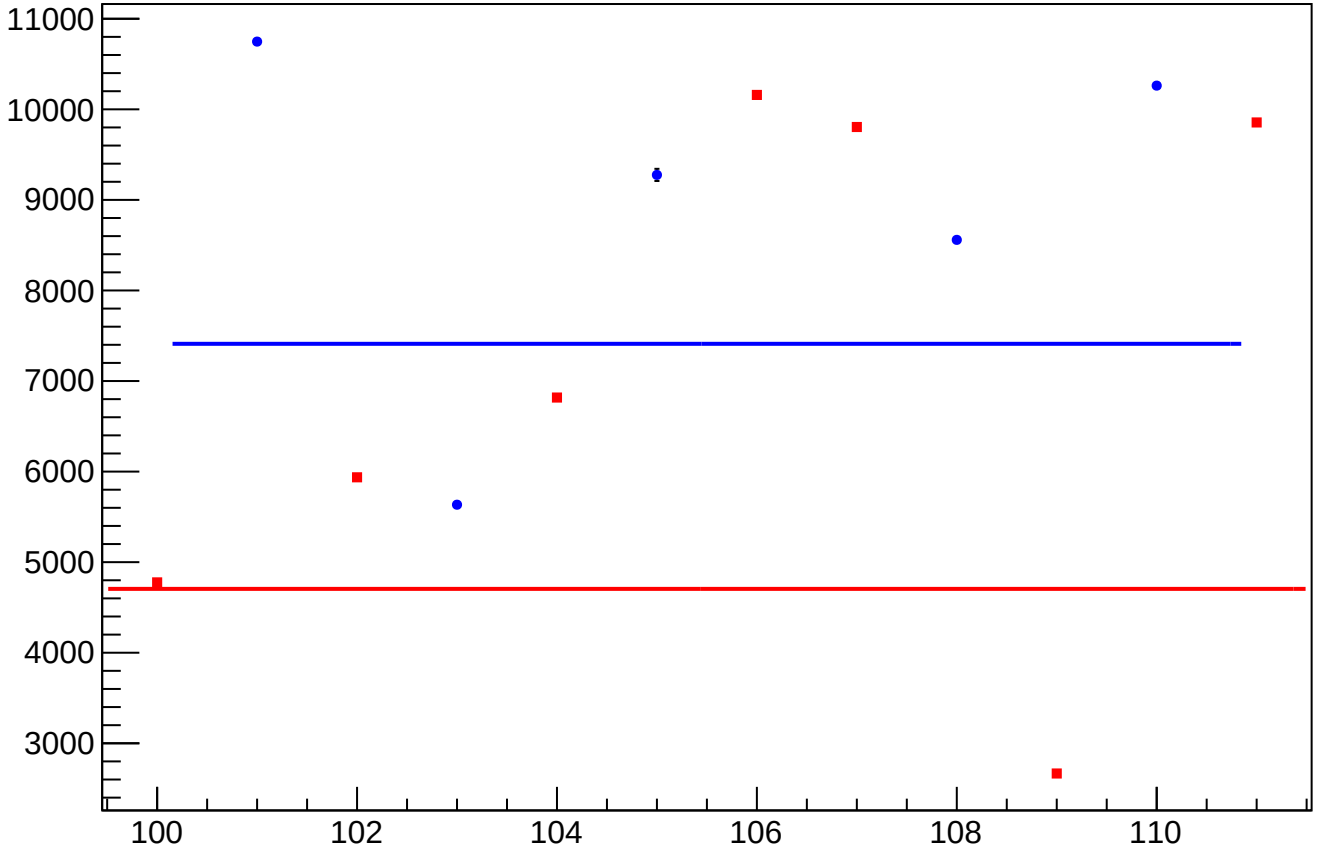
Right Out: -3.350+/-3.474 χ^2/NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.001+/-5.701 χ^2/NDF: 1.1/4

-3.350+/-3.474 χ^2/NDF: 5.8/6

diff_bpm11Y_rms vs slug



Right In: 7410.919+/-4.031 χ^2/NDF: 284819.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

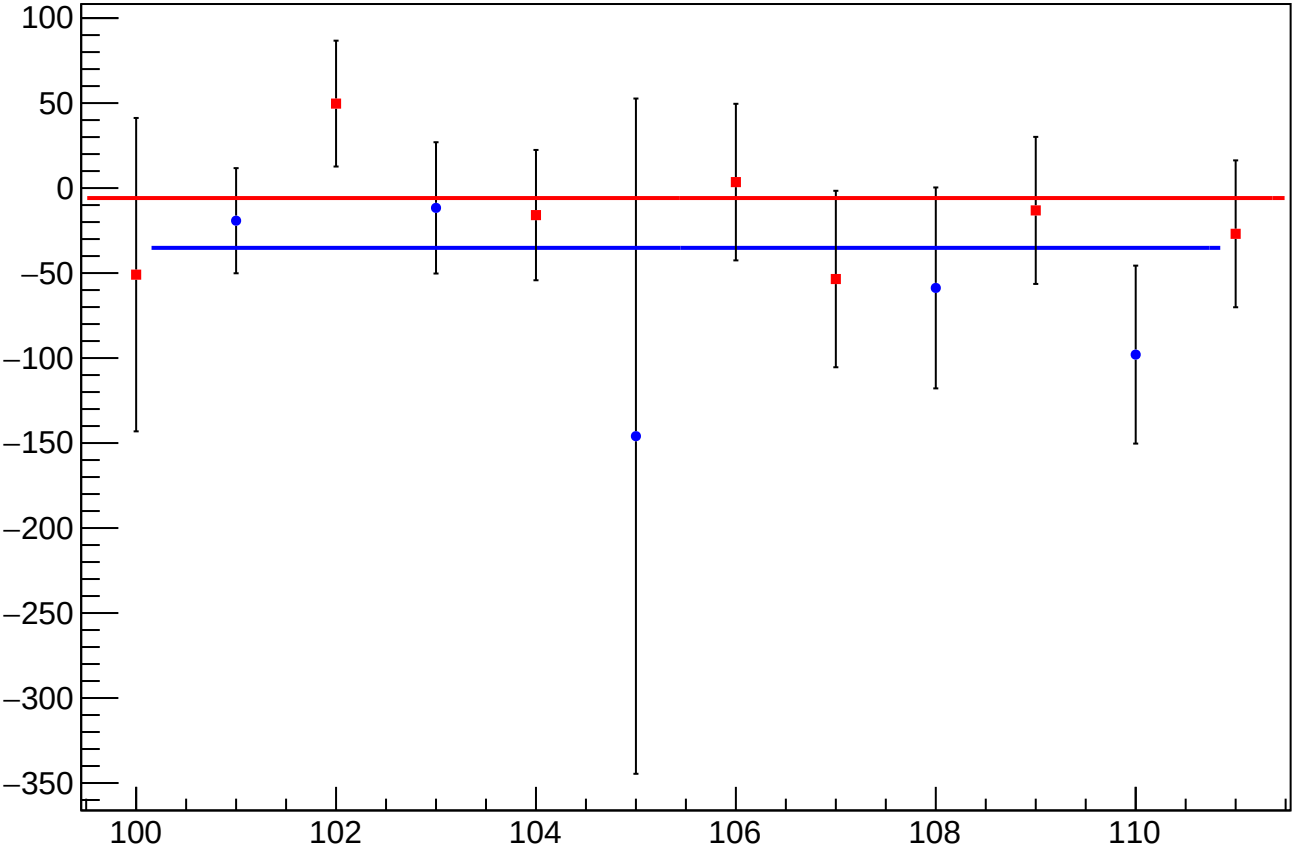
Right Out: 4705.009+/-2.456 χ^2/NDF: 1082270.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

7410.919+/-4.031 χ^2/NDF: 284819.9/4

4705.009+/-2.456 χ^2/NDF: 1082270.1/6

diff_bpm12X_mean vs slug



Right In: -35.174+/-20.445 χ^2/NDF: 2.5/4

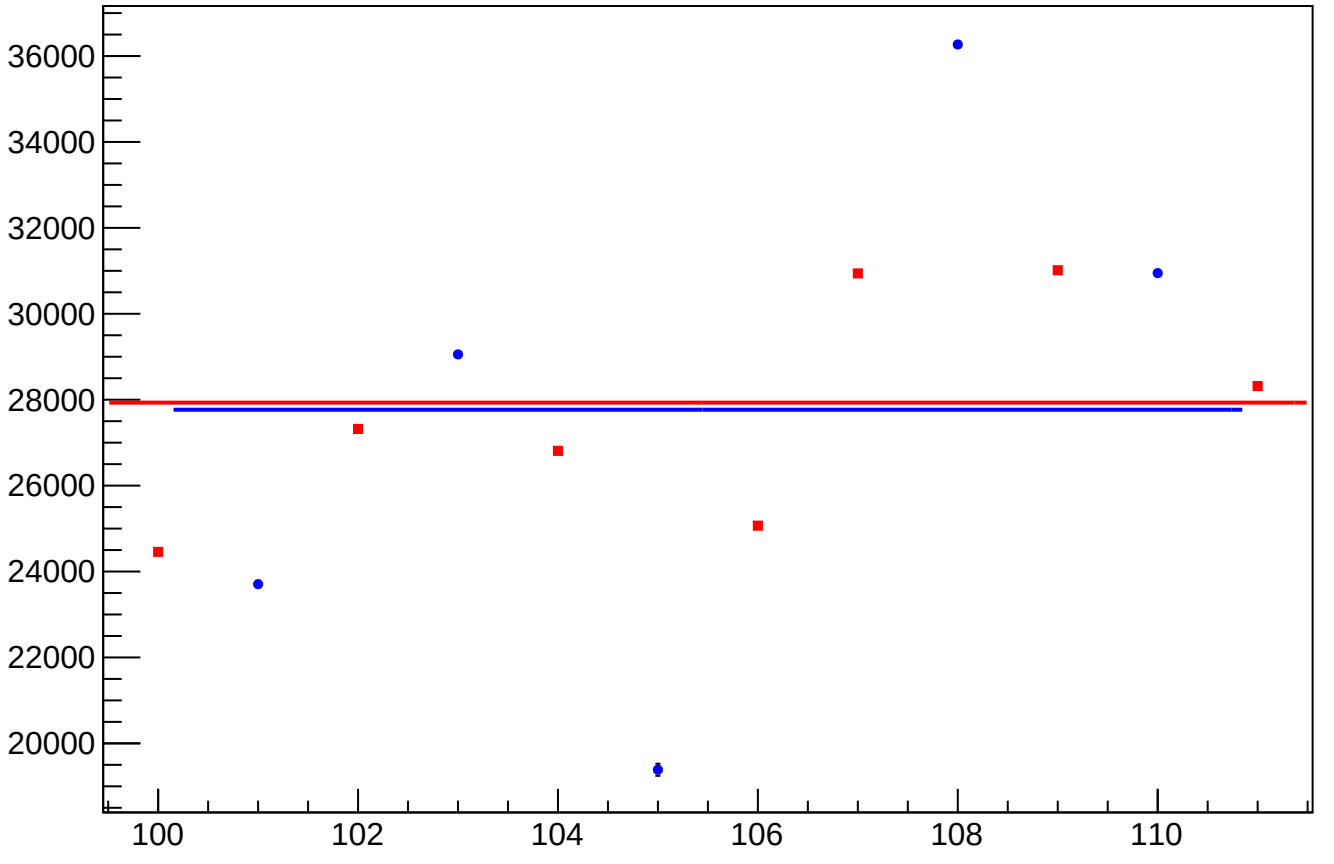
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.873+/-17.048 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-35.174+/-20.445 χ^2/NDF: 2.5/4

-5.873+/-17.048 χ^2/NDF: 3.7/6



Right In: 27767.009+/-14.457 χ^2/NDF: 89037.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

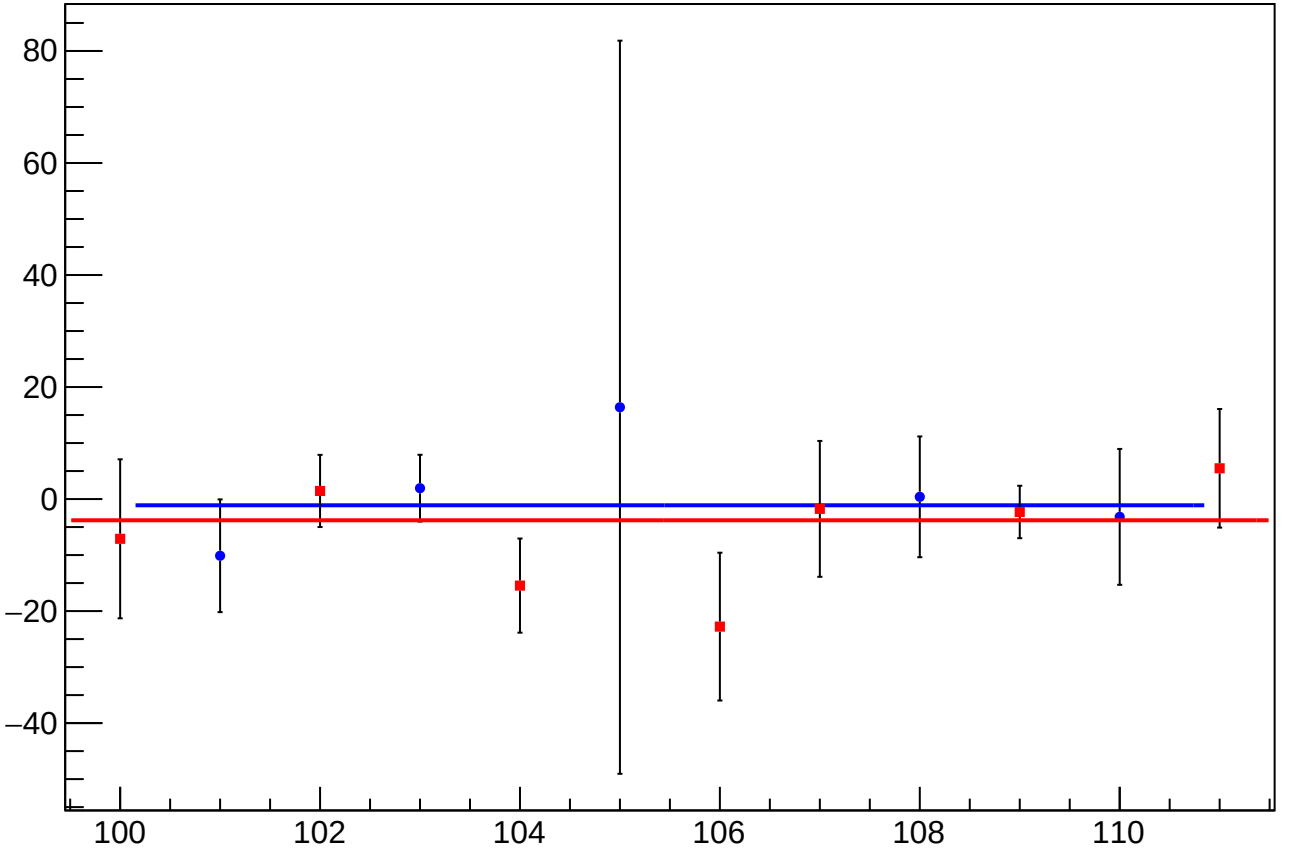
Right Out: 27932.018+/-12.055 χ^2/NDF: 29861.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

27767.009+/-14.457 χ^2/NDF: 89037.2/4

27932.018+/-12.055 χ^2/NDF: 29861.6/6

diff_bpm12Y_mean vs slug



Right In: -1.112+/-4.318 χ^2/NDF: 1.2/4

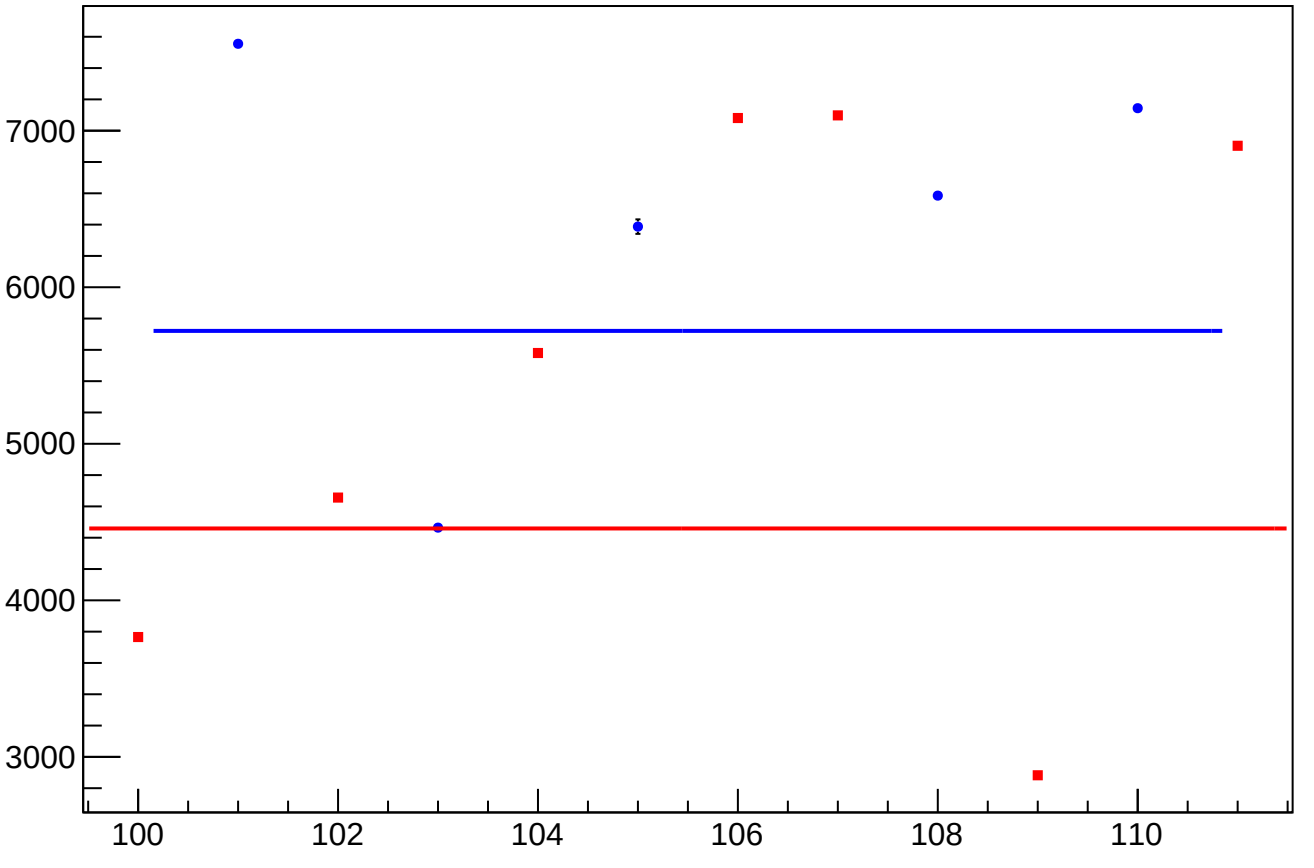
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.789+/-3.011 χ^2/NDF: 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.112+/-4.318 χ^2/NDF: 1.2/4

-3.789+/-3.011 χ^2/NDF: 5.6/6



Right In: 5721.134+/-3.053 χ^2/NDF: 195859.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

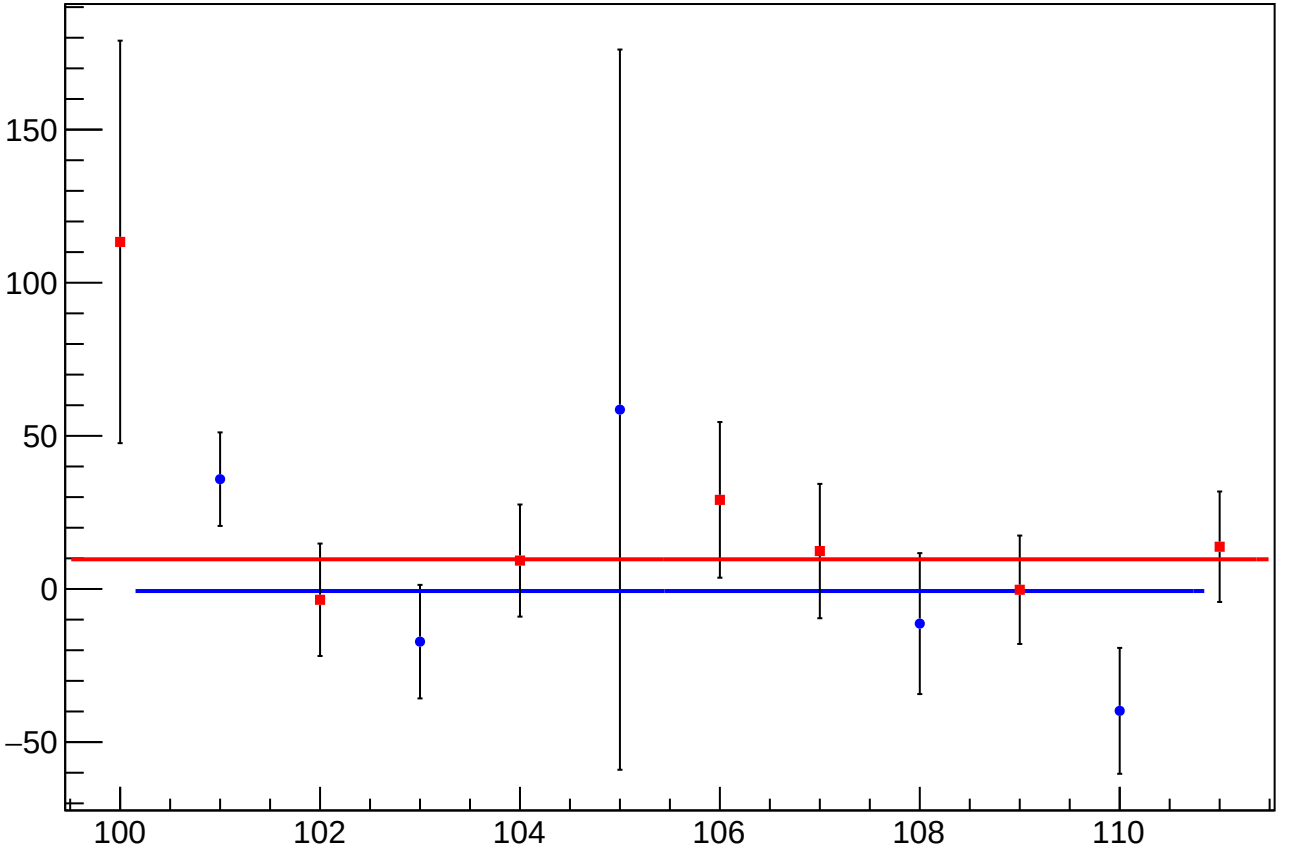
Right Out: 4459.060+/-2.129 χ^2/NDF: 549437.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

5721.134+/-3.053 χ^2/NDF: 195859.2/4

4459.060+/-2.129 χ^2/NDF: 549437.2/6

diff_bpm16X_mean vs slug



Right In: -0.663+/-9.315 χ^2/NDF: 10.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

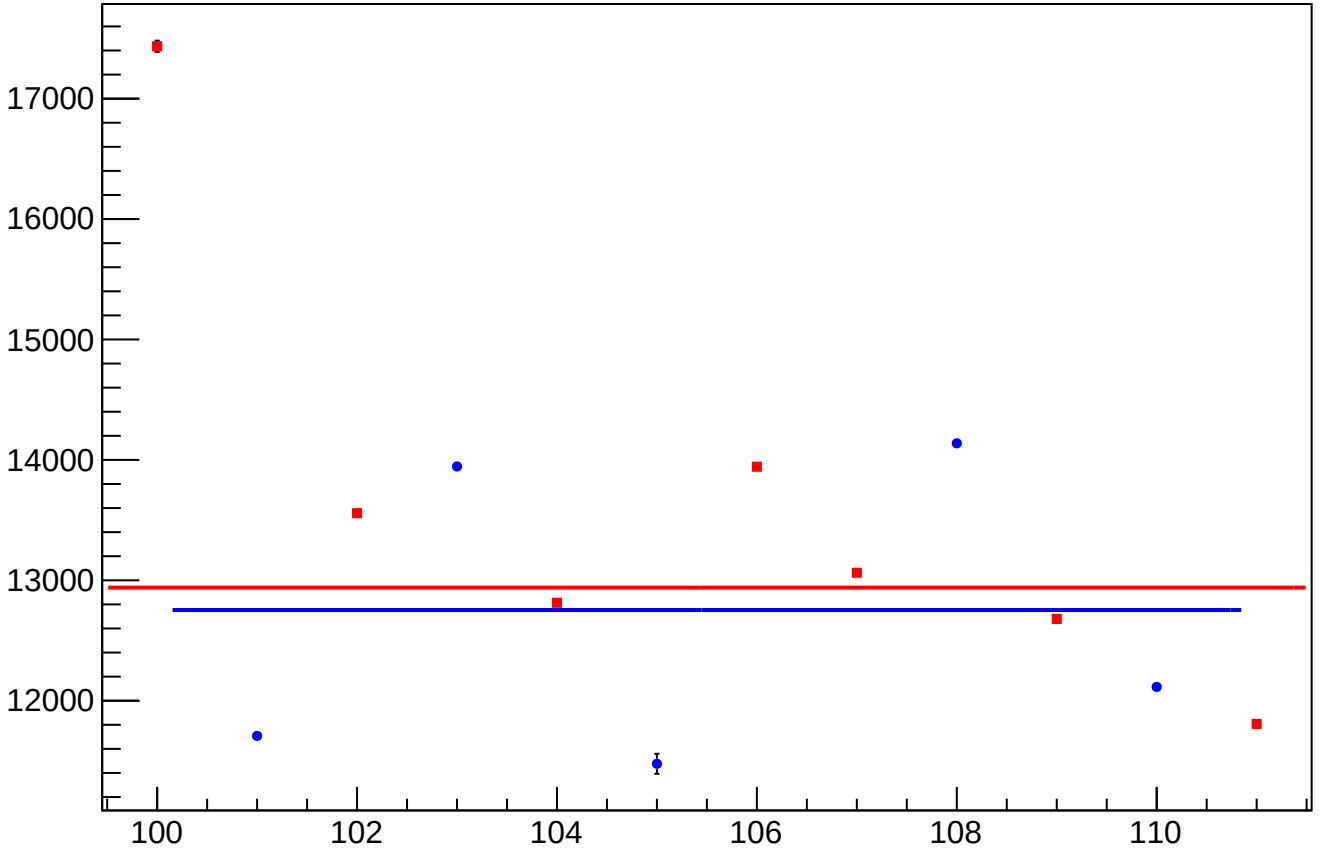
Right Out: 9.696+/-7.886 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.663+/-9.315 χ^2/NDF: 10.6/4

9.696+/-7.886 χ^2/NDF: 4.0/6

diff_bpm16X_rms vs slug



Right In: 12753.297+/-6.587 χ^2/NDF: 27052.2/4

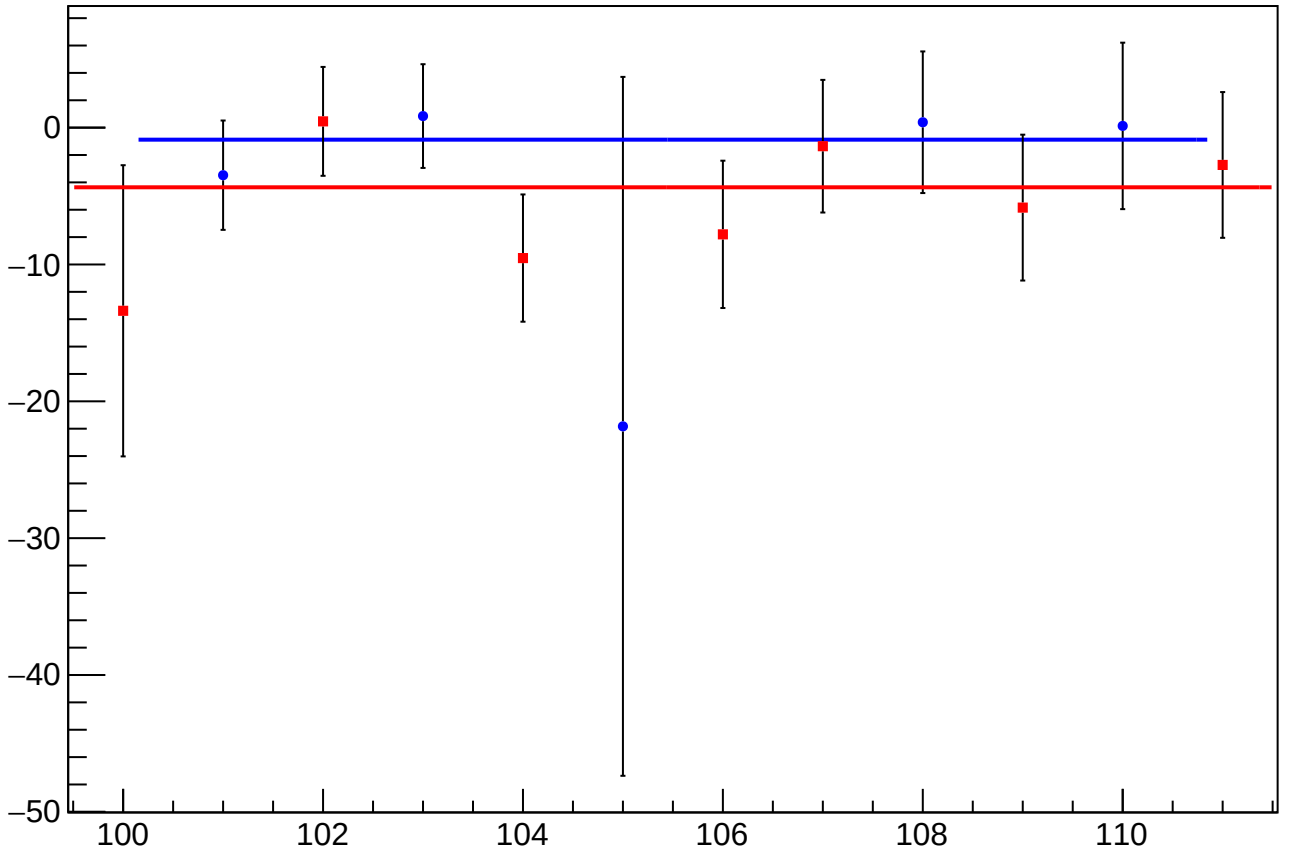
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12939.418+/-5.576 χ^2/NDF: 23215.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12753.297+/-6.587 χ^2/NDF: 27052.2/4

12939.418+/-5.576 χ^2/NDF: 23215.2/6



Right In: -0.879+/-2.246 χ^2/NDF: 1.4/4

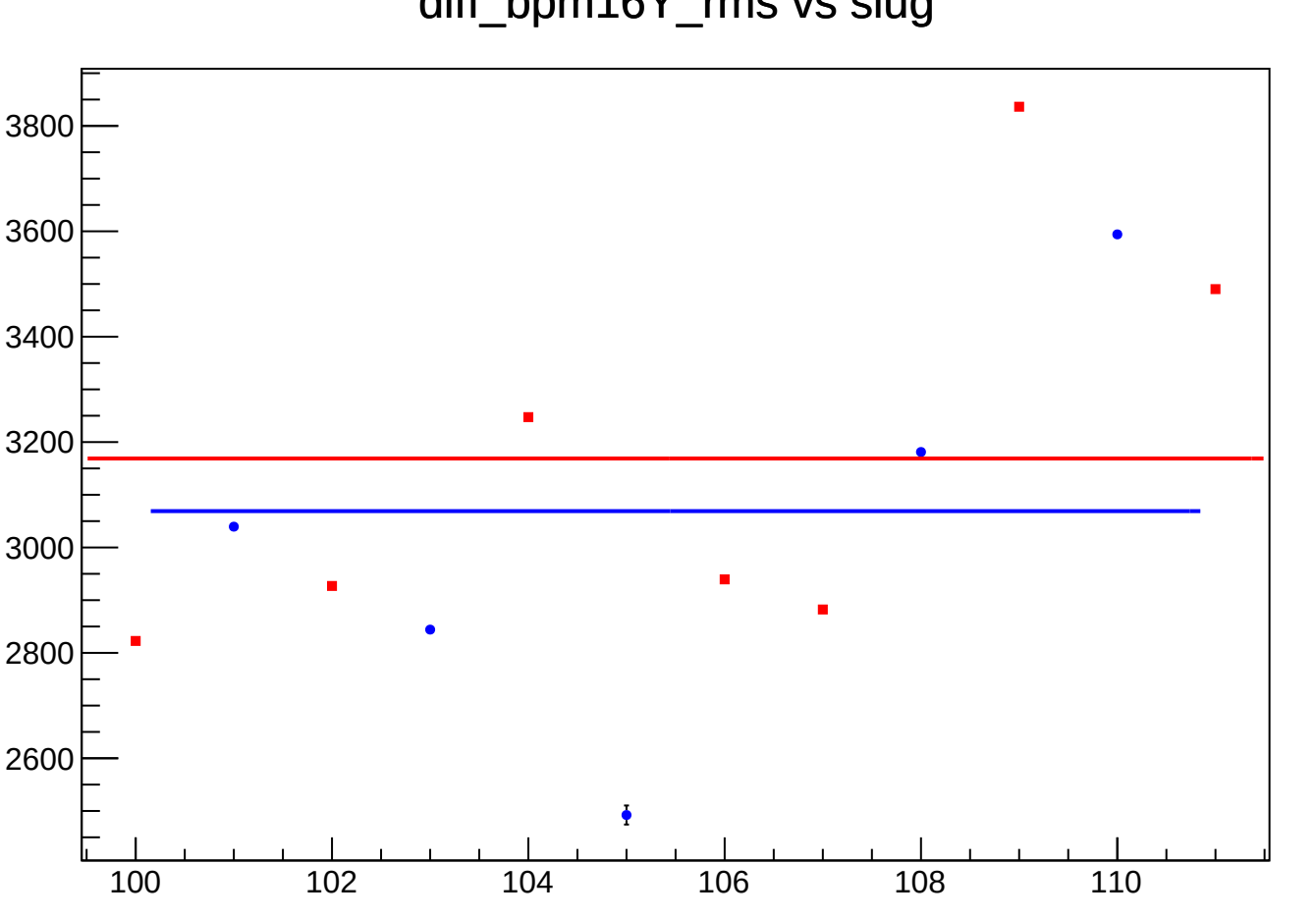
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.360+/-1.940 χ^2/NDF: 4.4/6

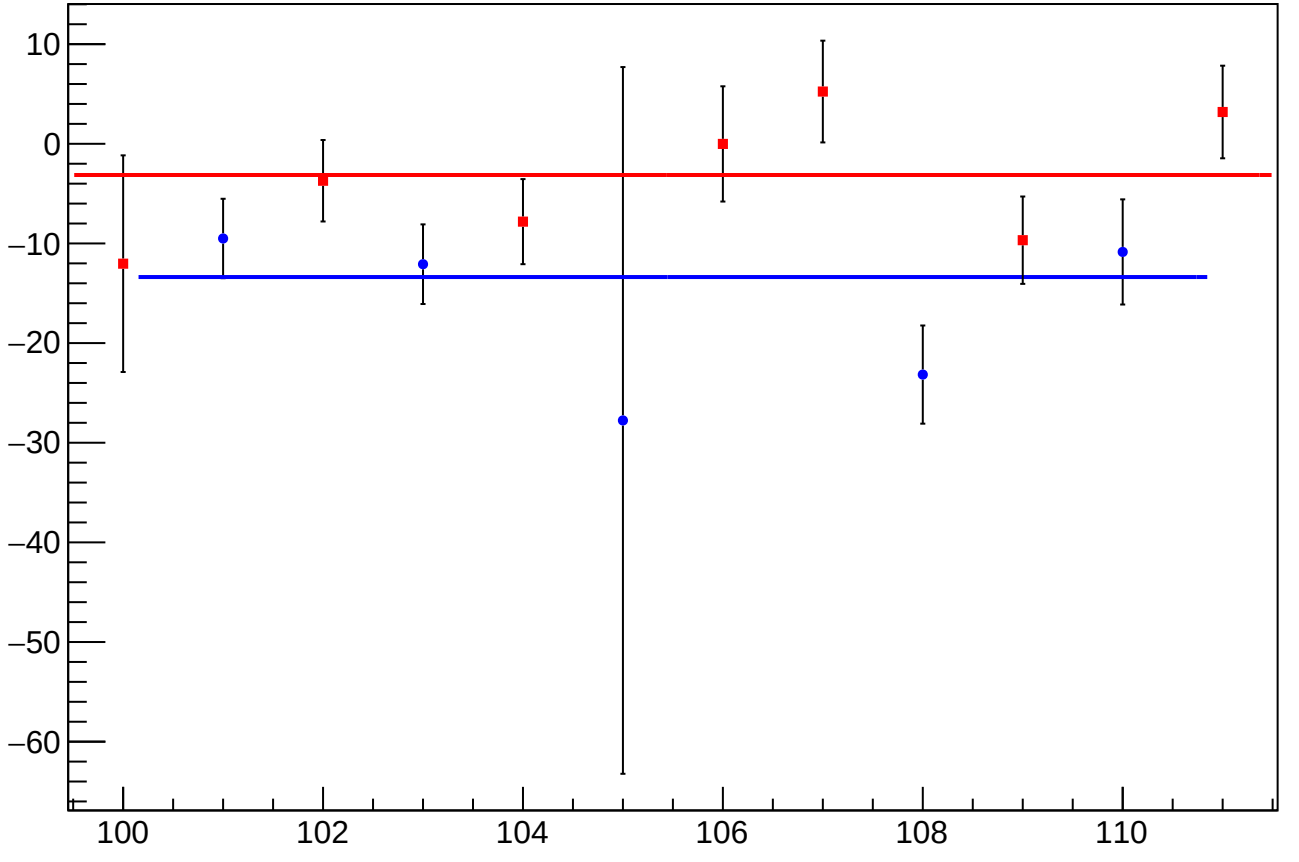
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.879+/-2.246 χ^2/NDF: 1.4/4

-4.360+/-1.940 χ^2/NDF: 4.4/6


diff_bpm16Y_rms vs slug
3800
3600
3400
3200
3000
2800
2600
100
102
104
106
108
110
Right In: 3069.002+/-1.588 χ²/NDF: 24018.7/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 3168.878+/-1.371 χ²/NDF: 59367.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
3069.002+/-1.588 χ²/NDF: 24018.7/4
3168.878+/-1.371 χ²/NDF: 59367.2/6

diff_bpm0l01X_mean vs slug



Right In: -13.371+/-2.217 χ^2/NDF: 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

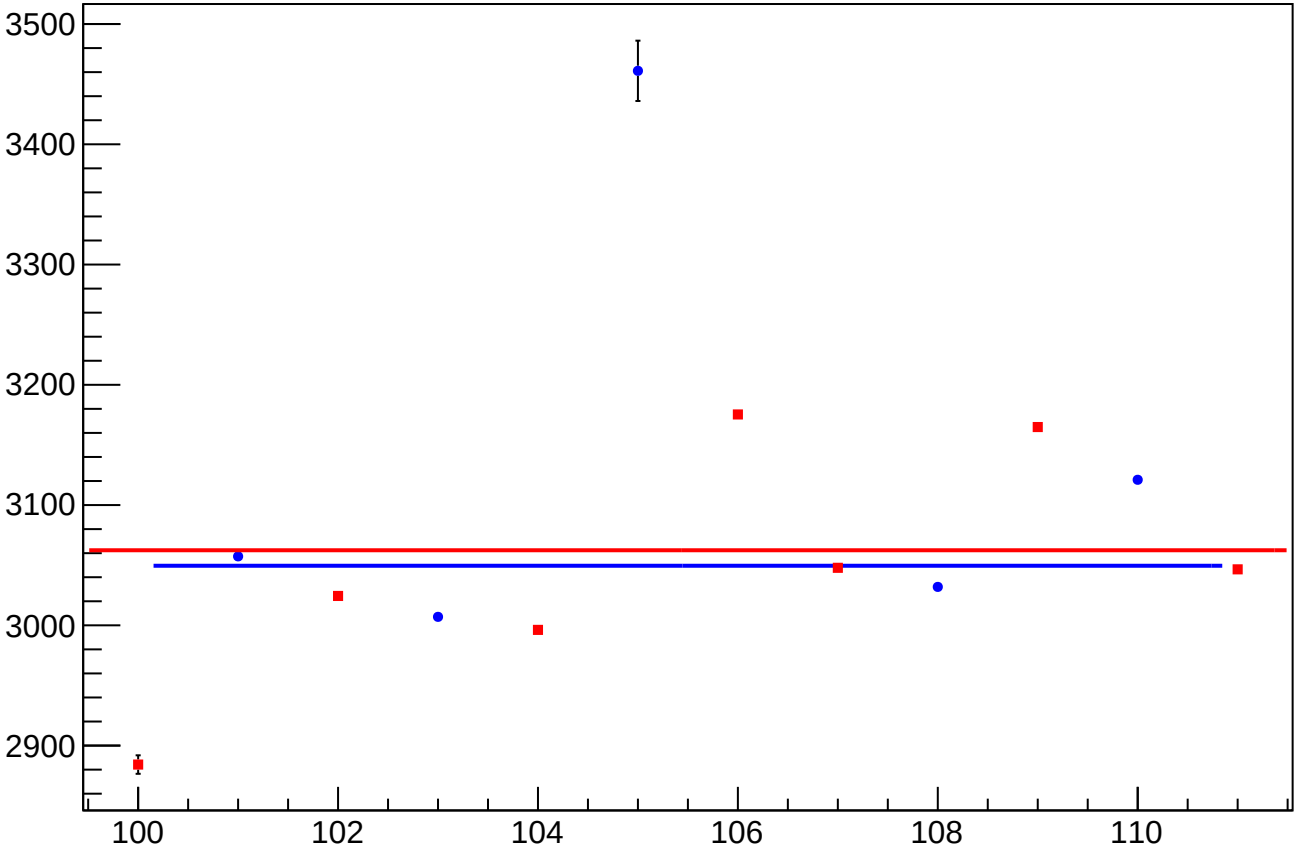
Right Out: -3.131+/-1.858 χ^2/NDF: 9.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-13.371+/-2.217 χ^2/NDF: 5.4/4

-3.131+/-1.858 χ^2/NDF: 9.0/6

diff_bpm0l01X_rms vs slug



Right In: 3049.537+/-1.567 χ^2/NDF: 895.6/4

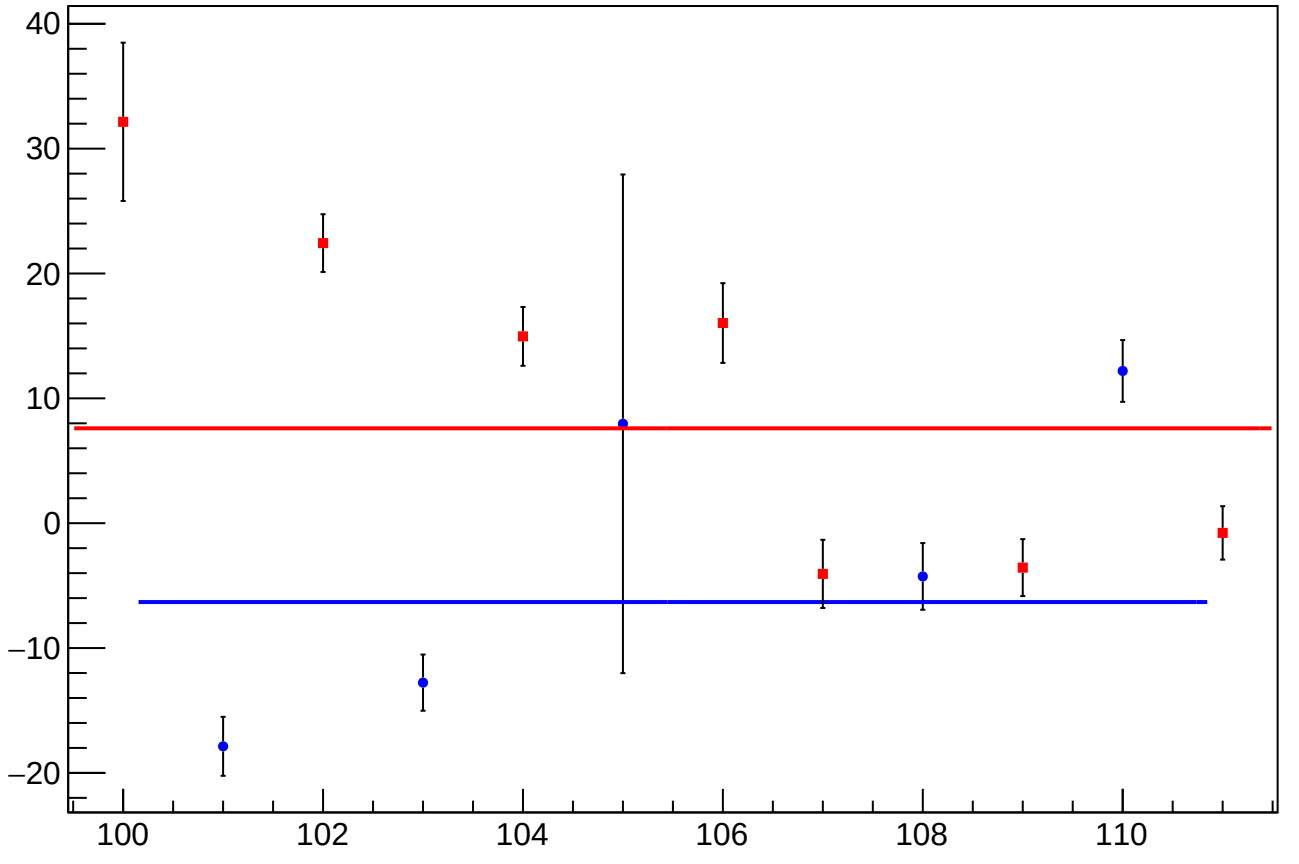
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3062.422+/-1.314 χ^2/NDF: 3086.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3049.537+/-1.567 χ^2/NDF: 895.6/4

3062.422+/-1.314 χ^2/NDF: 3086.5/6



Right In: -6.316+/-1.210 χ^2/NDF: 89.2/4

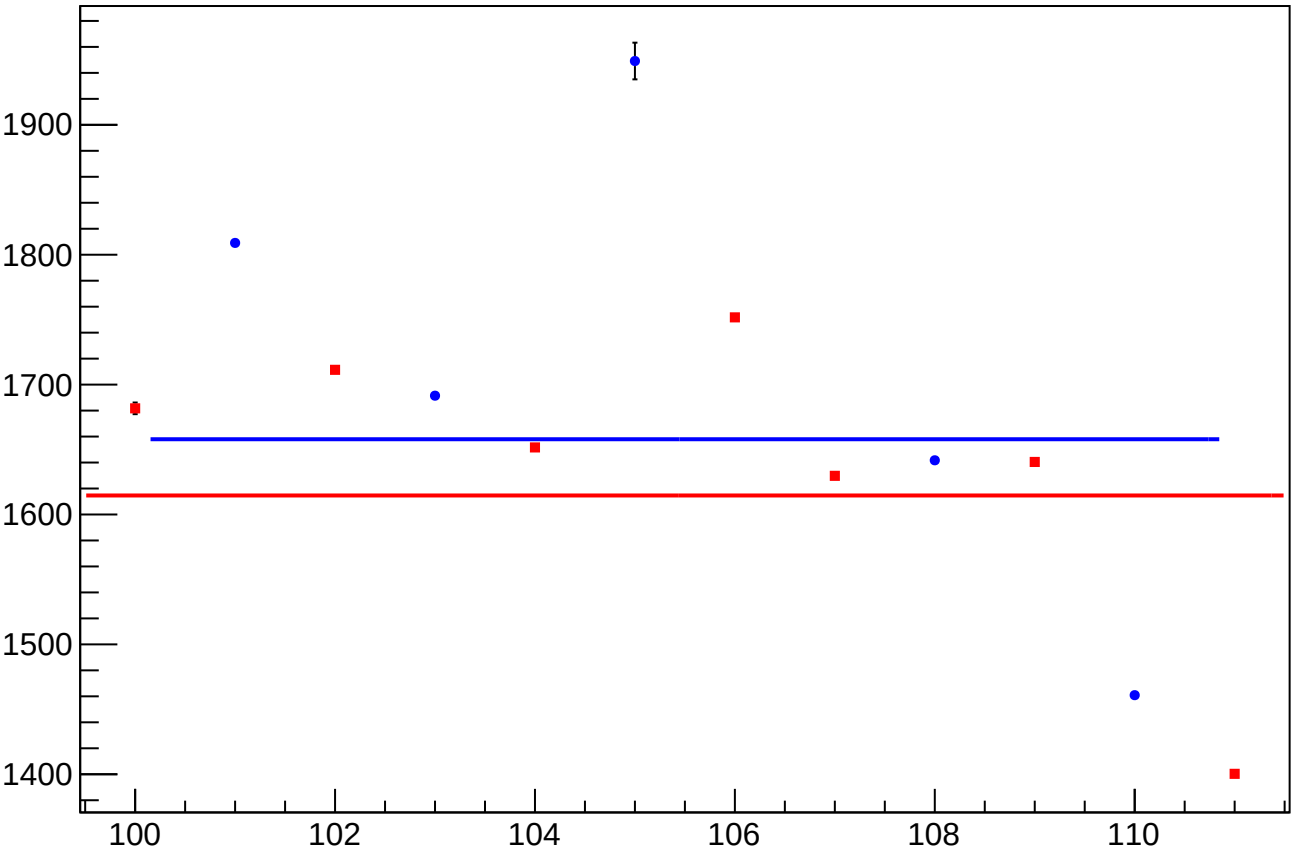
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.600+/-0.983 χ^2/NDF: 130.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.316+/-1.210 χ^2/NDF: 89.2/4

7.600+/-0.983 χ^2/NDF: 130.3/6



Right In: 1657.941+/-0.856 χ^2/NDF: 21816.6/4

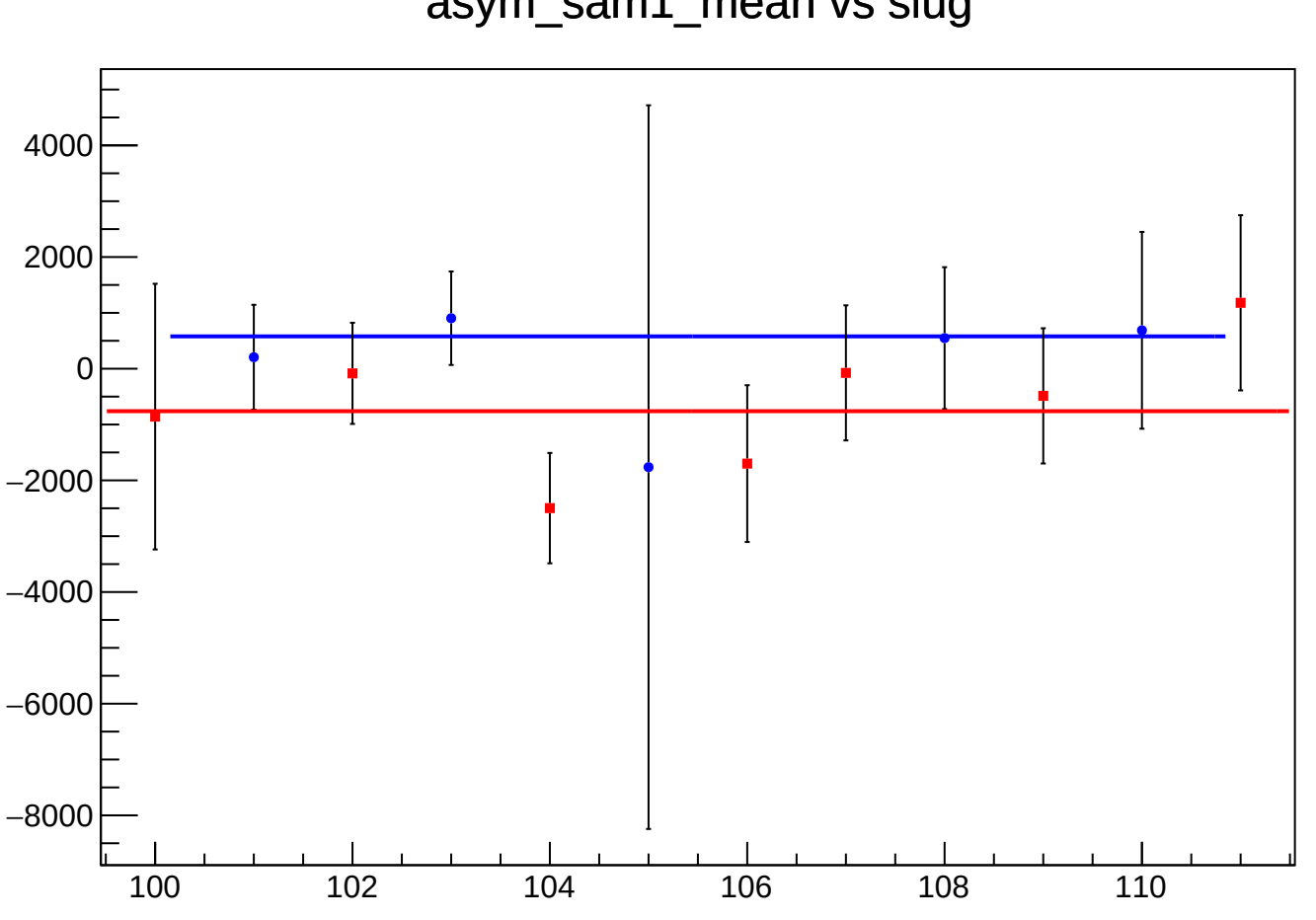
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1614.641+/-0.695 χ^2/NDF: 28288.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1657.941+/-0.856 χ^2/NDF: 21816.6/4

1614.641+/-0.695 χ^2/NDF: 28288.0/6



Right In: 579.081+/-532.449 χ^2/NDF: 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

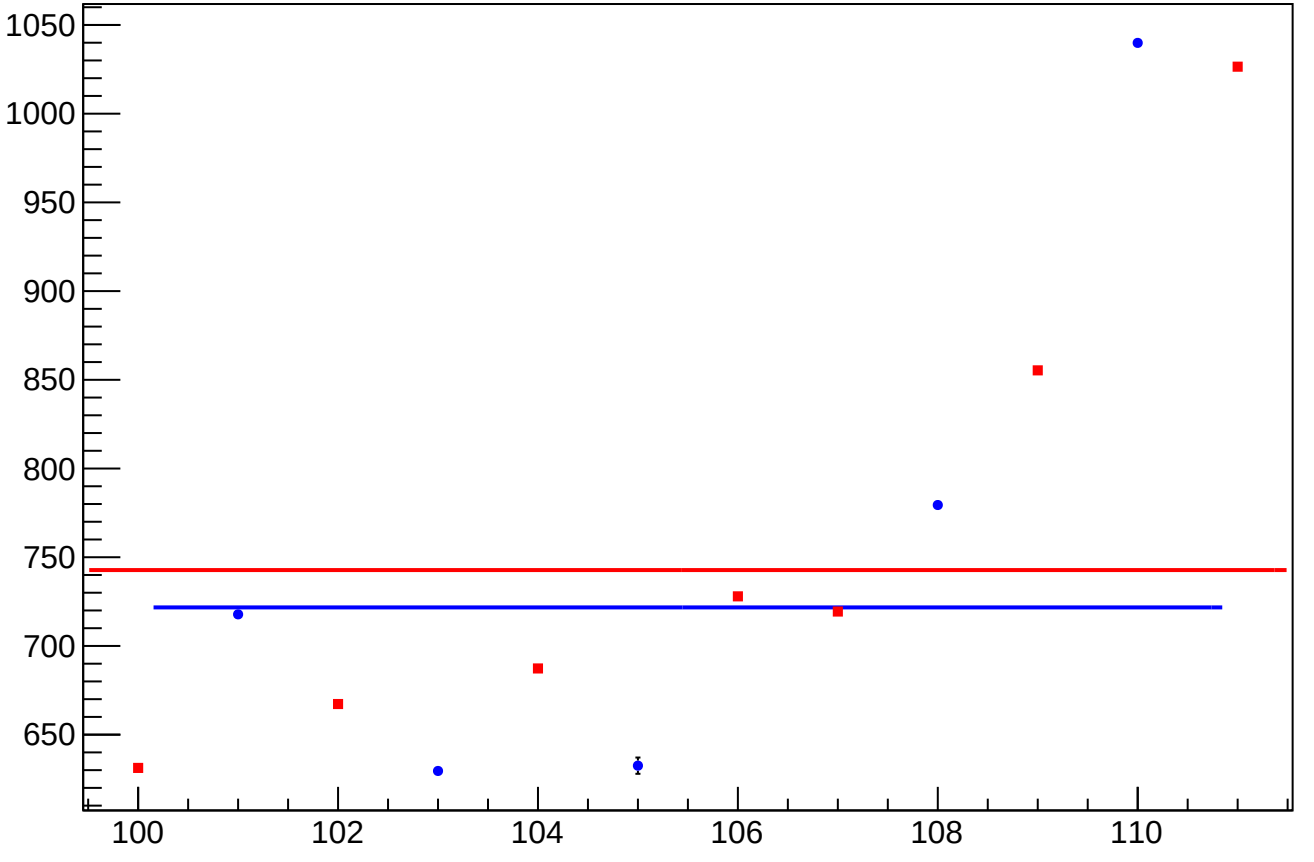
Right Out: -760.873+/-461.354 χ^2/NDF: 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

579.081+/-532.449 χ^2/NDF: 0.4/4

-760.873+/-461.354 χ^2/NDF: 6.0/6

asym_sam1_rms vs slug



Right In: 721.723+/-0.376 χ^2/NDF: 93957.5/4

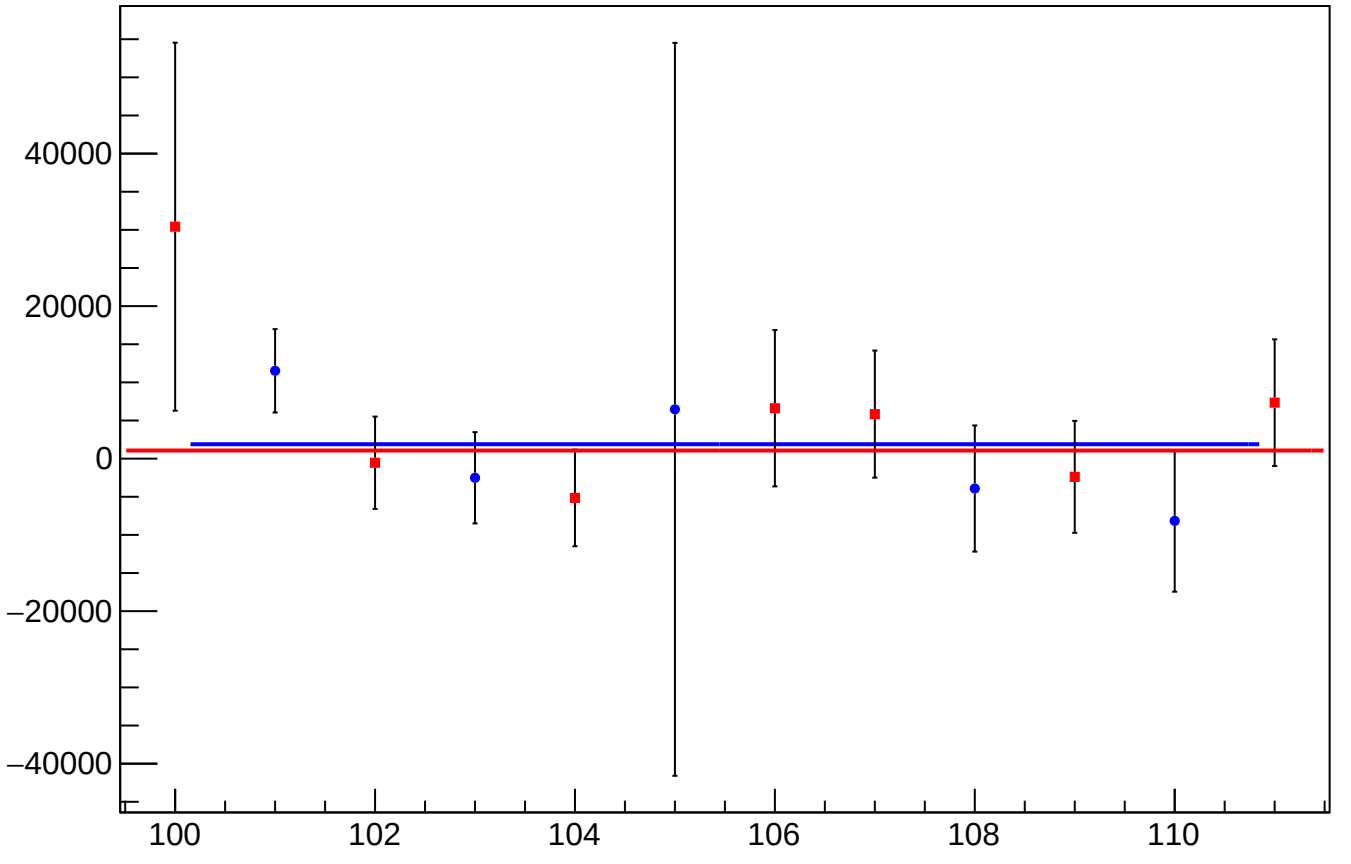
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 742.768+/-0.326 χ^2/NDF: 108232.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

721.723+/-0.376 χ^2/NDF: 93957.5/4

742.768+/-0.326 χ^2/NDF: 108232.0/6



Right In: 1889.334+/-3370.102 χ^2/NDF: 5.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

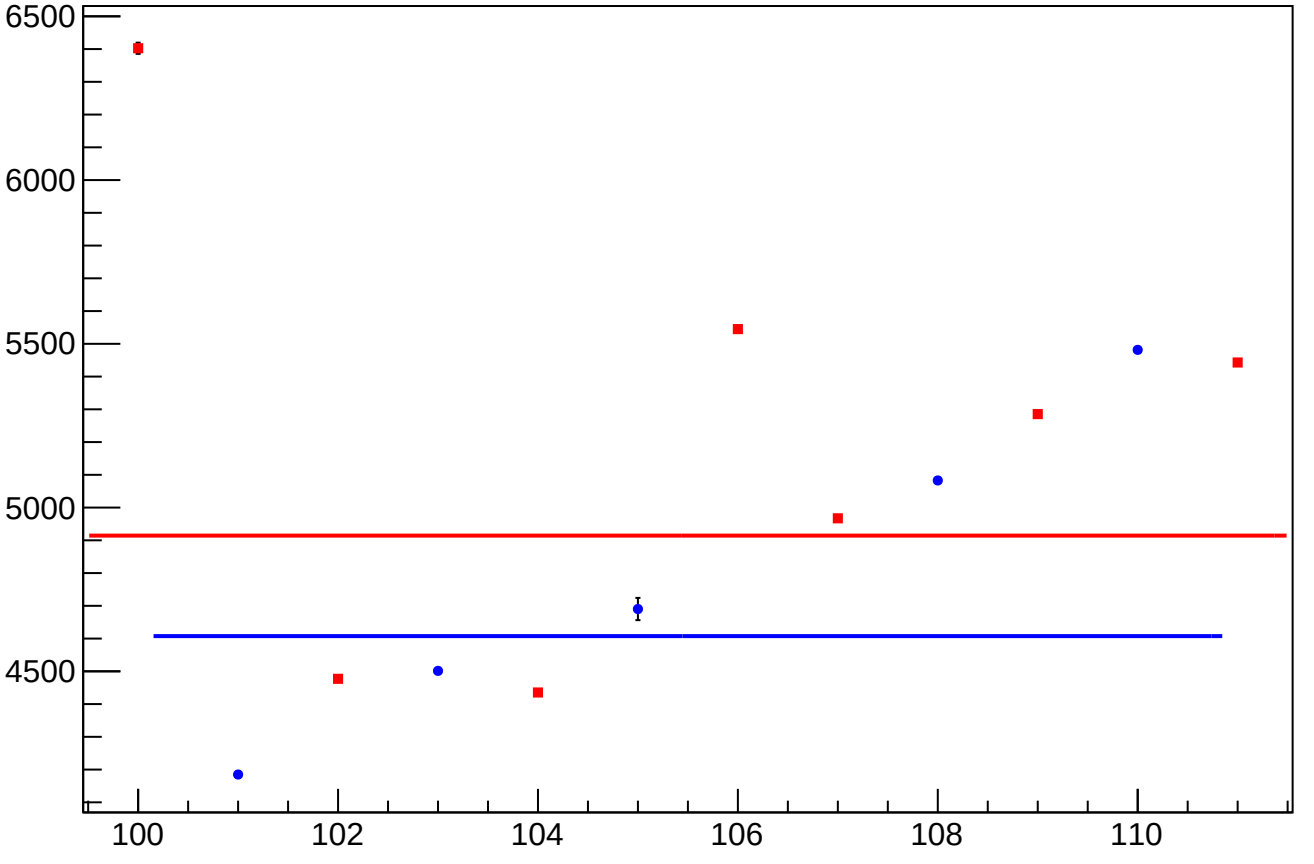
Right Out: 1063.815+/-3002.721 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1889.334+/-3370.102 χ^2/NDF: 5.3/4

1063.815+/-3002.721 χ^2/NDF: 3.9/6

asym_sam2_rms vs slug



Right In: 4607.515+/-2.383 χ^2/NDF: 36908.7/4

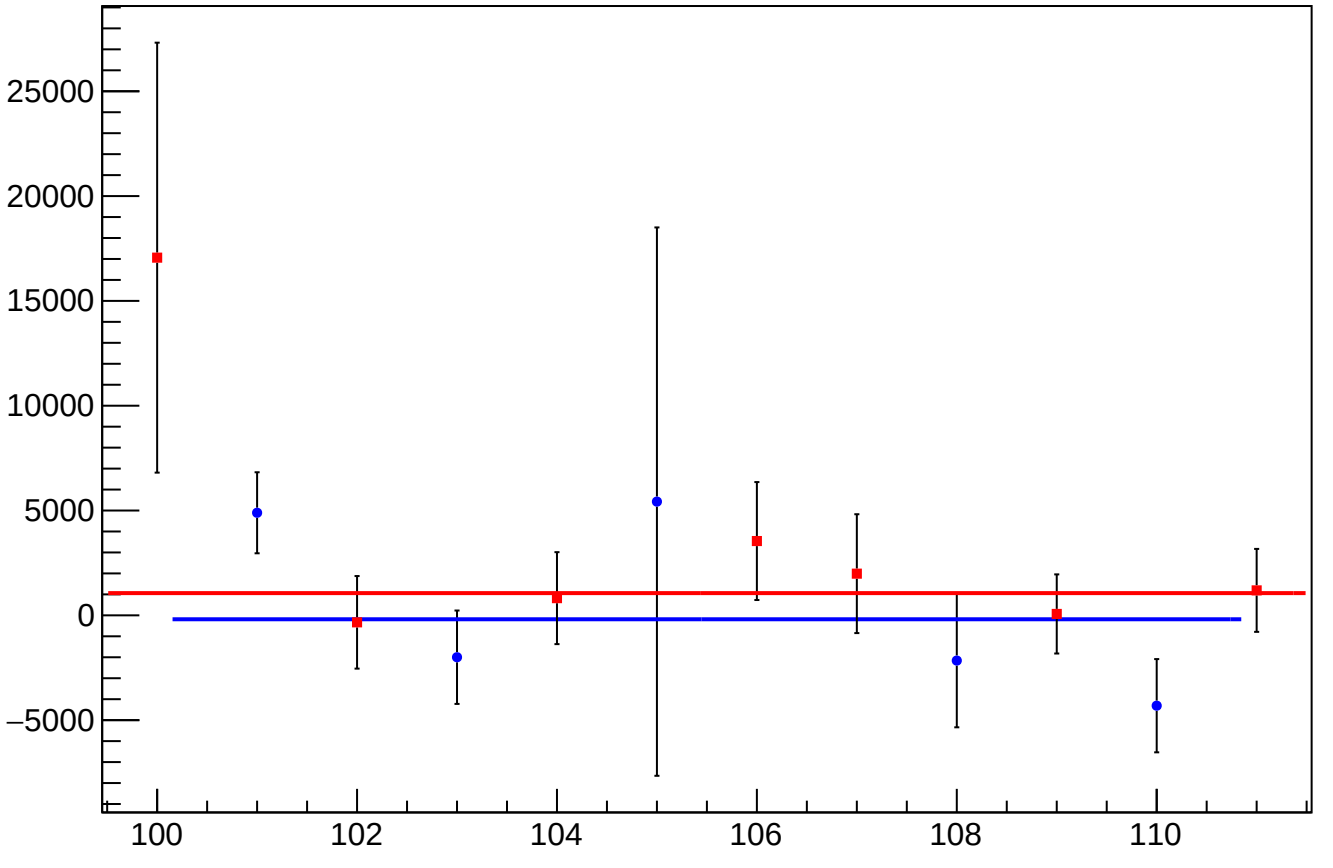
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4914.388+/-2.123 χ^2/NDF: 50339.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4607.515+/-2.383 χ^2/NDF: 36908.7/4

4914.388+/-2.123 χ^2/NDF: 50339.1/6



Right In: -187.384+/-1135.253 χ^2/NDF: 11.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

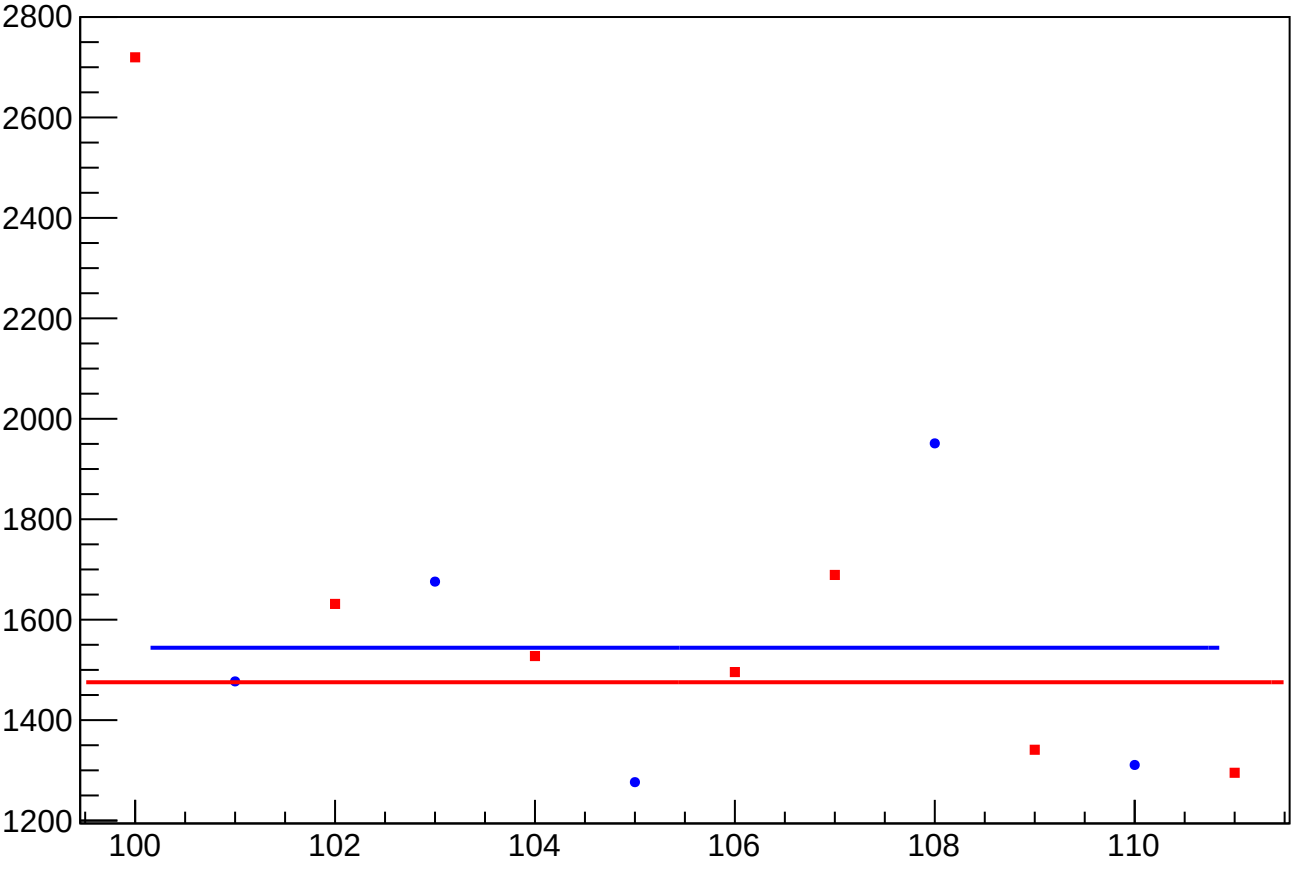
Right Out: 1060.390+/-909.323 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-187.384+/-1135.253 χ^2/NDF: 11.6/4

1060.390+/-909.323 χ^2/NDF: 4.0/6

asym_sam3_rms vs slug



Right In: 1544.123+/-0.803 χ^2/NDF: 64930.7/4

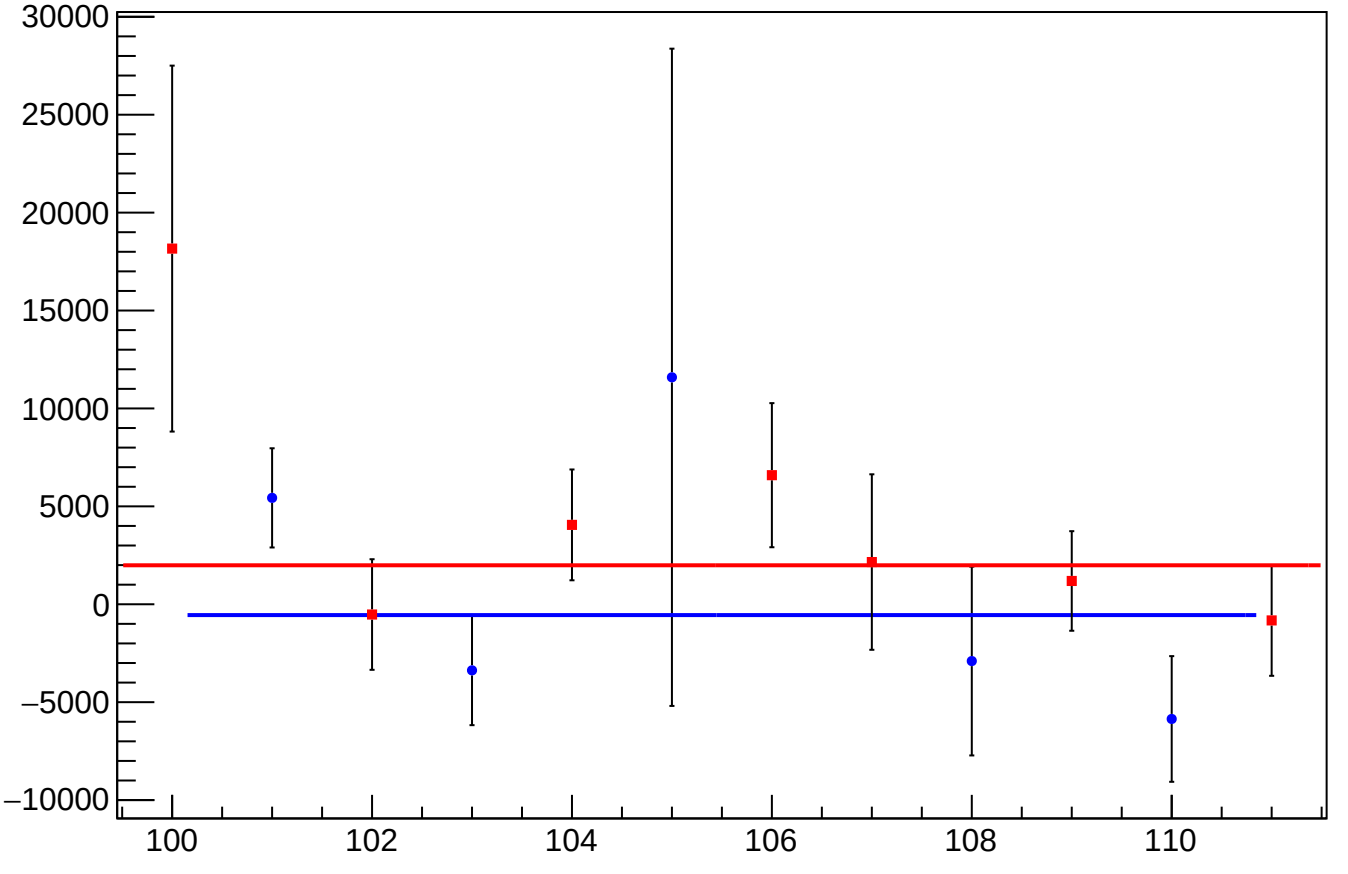
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1475.432+/-0.643 χ^2/NDF: 78761.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1544.123+/-0.803 χ^2/NDF: 64930.7/4

1475.432+/-0.643 χ^2/NDF: 78761.0/6



Right In: -552.656+/-1530.039 χ^2/NDF: 10.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

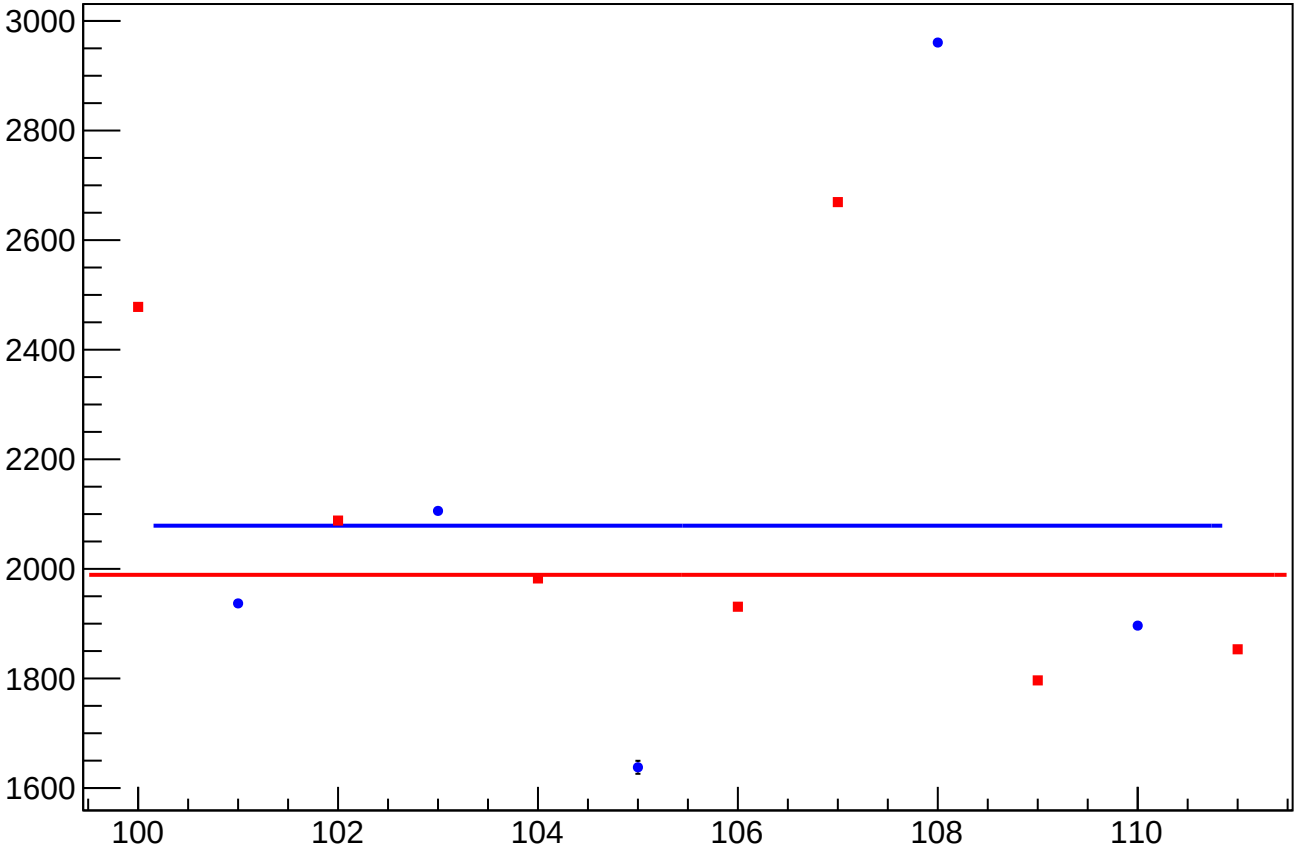
Right Out: 1990.526+/-1226.191 χ^2/NDF: 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-552.656+/-1530.039 χ^2/NDF: 10.1/4

1990.526+/-1226.191 χ^2/NDF: 7.0/6

asym_sam4_rms vs slug



Right In: 2078.817+/-1.082 χ^2/NDF: 81220.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

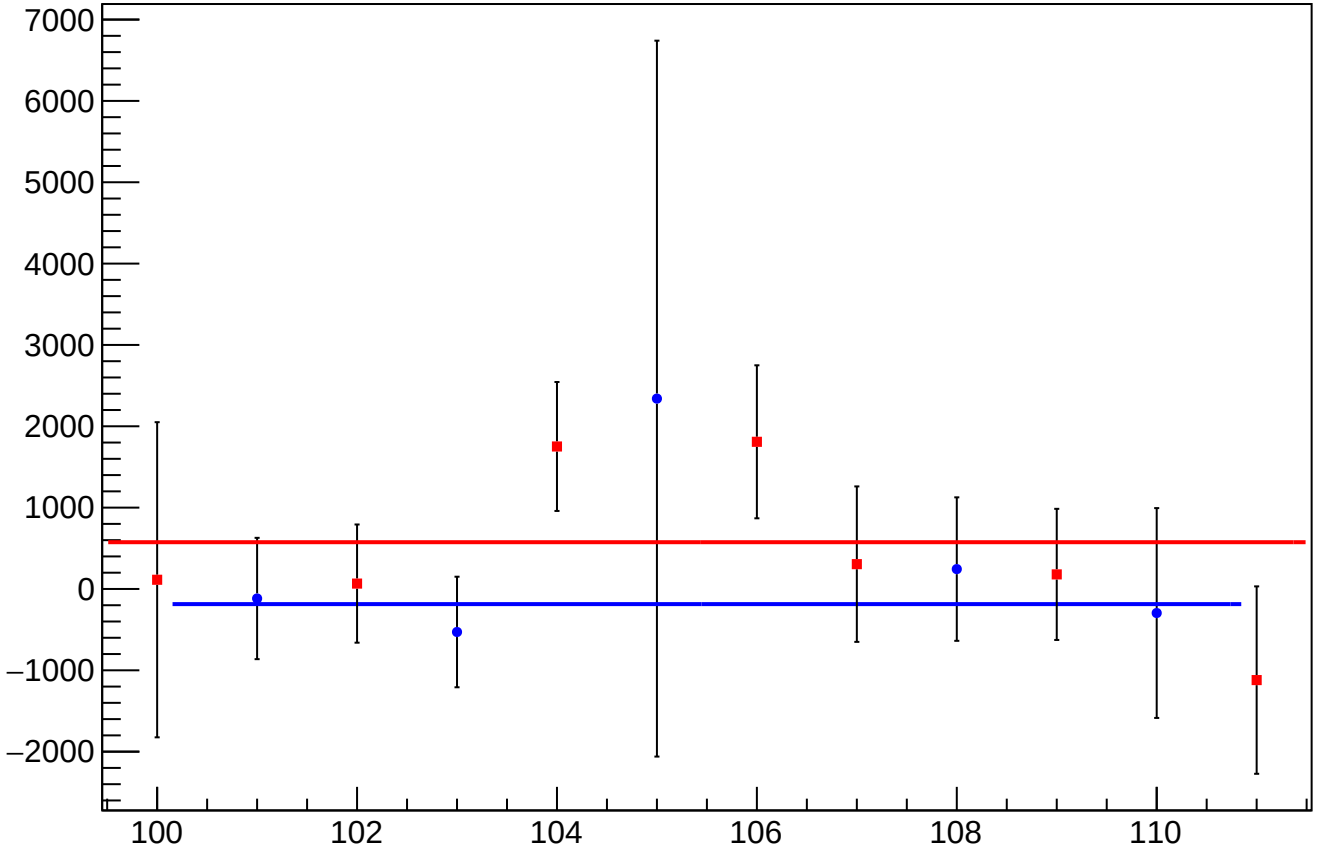
Right Out: 1989.120+/-0.867 χ^2/NDF: 70645.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2078.817+/-1.082 χ^2/NDF: 81220.7/4

1989.120+/-0.867 χ^2/NDF: 70645.4/6

asym_sam5_mean vs slug



Right In: -186.177+/-411.643 χ^2/NDF: 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

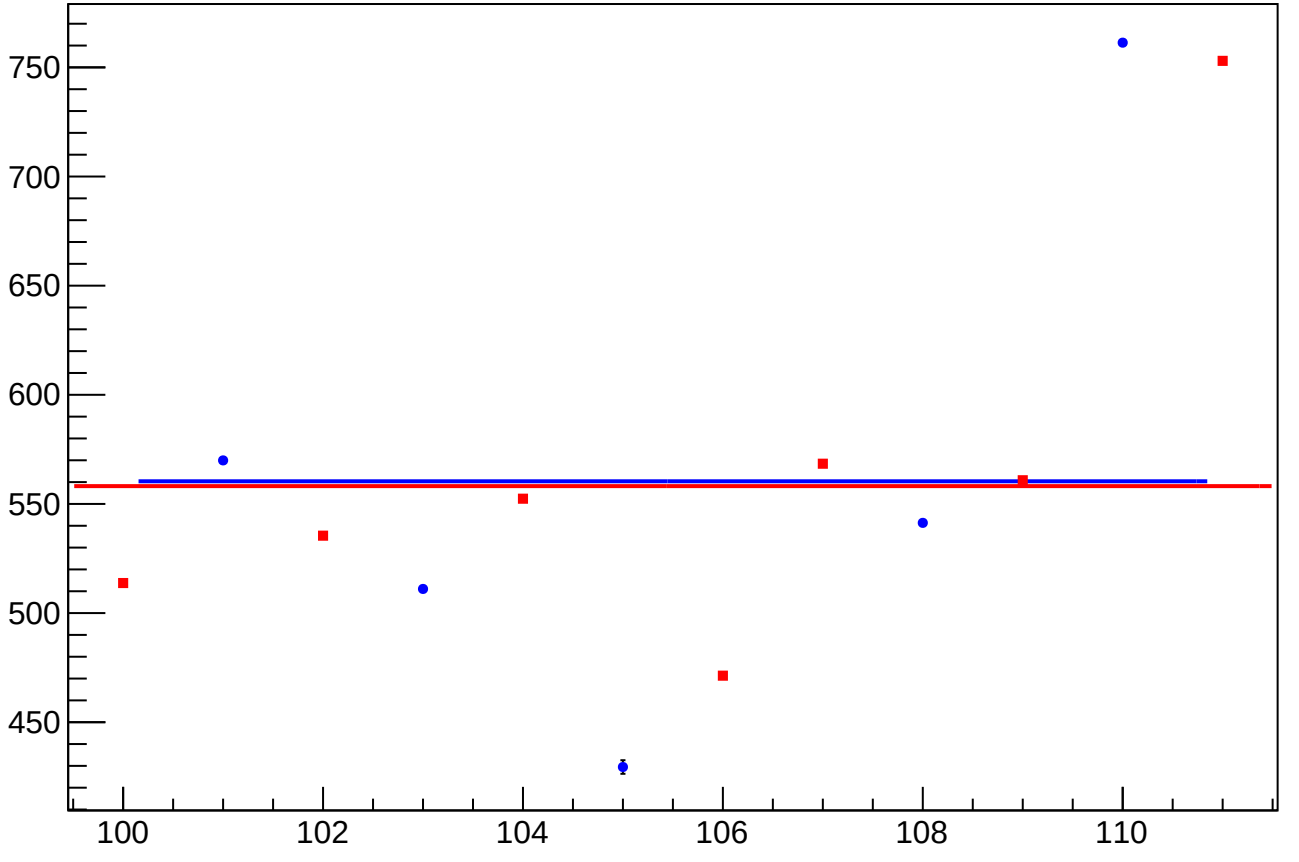
Right Out: 574.880+/-347.722 χ^2/NDF: 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-186.177+/-411.643 χ^2/NDF: 0.8/4

574.880+/-347.722 χ^2/NDF: 7.0/6

asym_sam5_rms vs slug



Right In: 560.376+/-0.291 χ^2/NDF: 62106.7/4

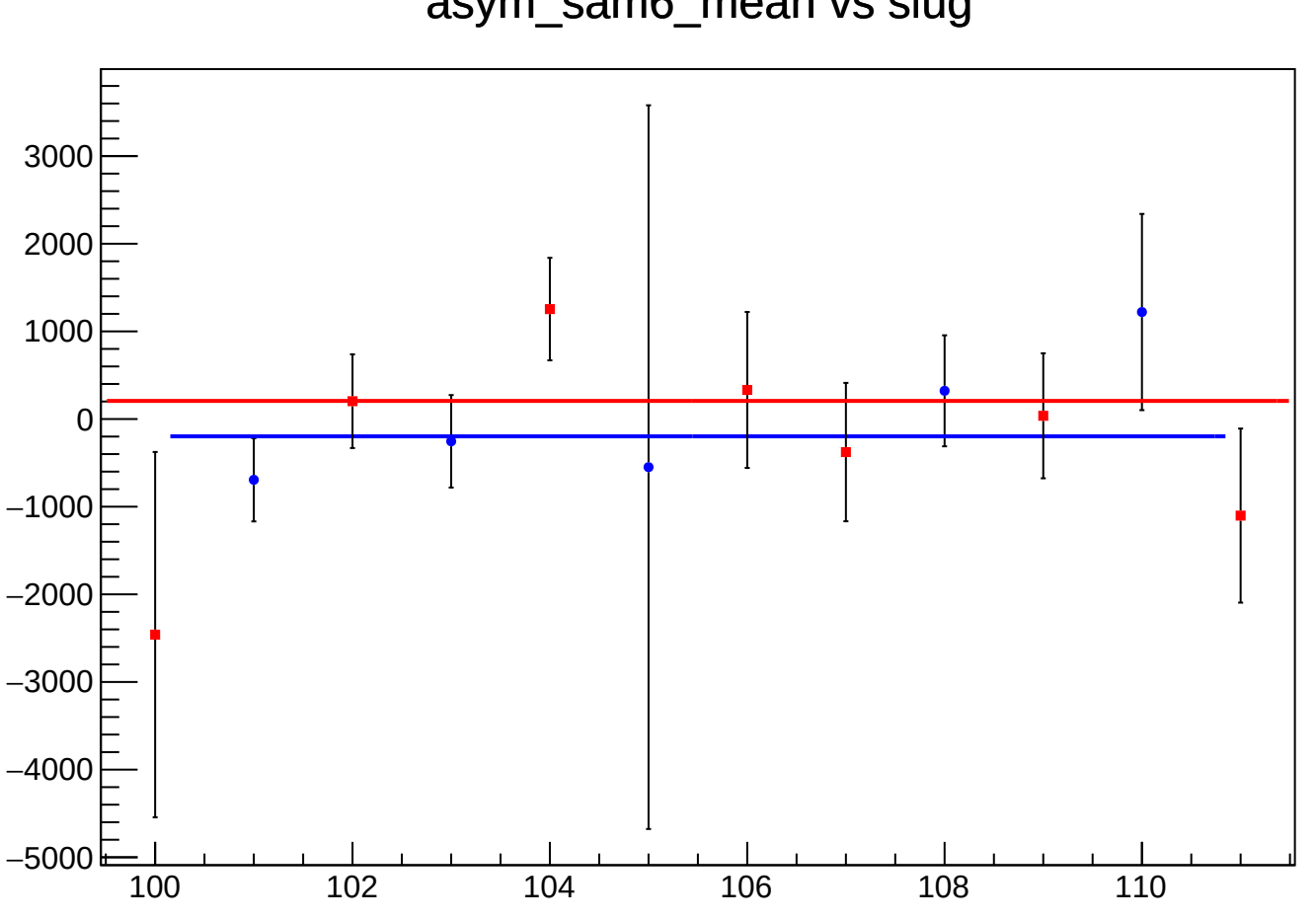
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 558.162+/-0.246 χ^2/NDF: 77611.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

560.376+/-0.291 χ^2/NDF: 62106.7/4

558.162+/-0.246 χ^2/NDF: 77611.8/6



Right In: -197.285+/-296.376 χ^2/NDF: 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

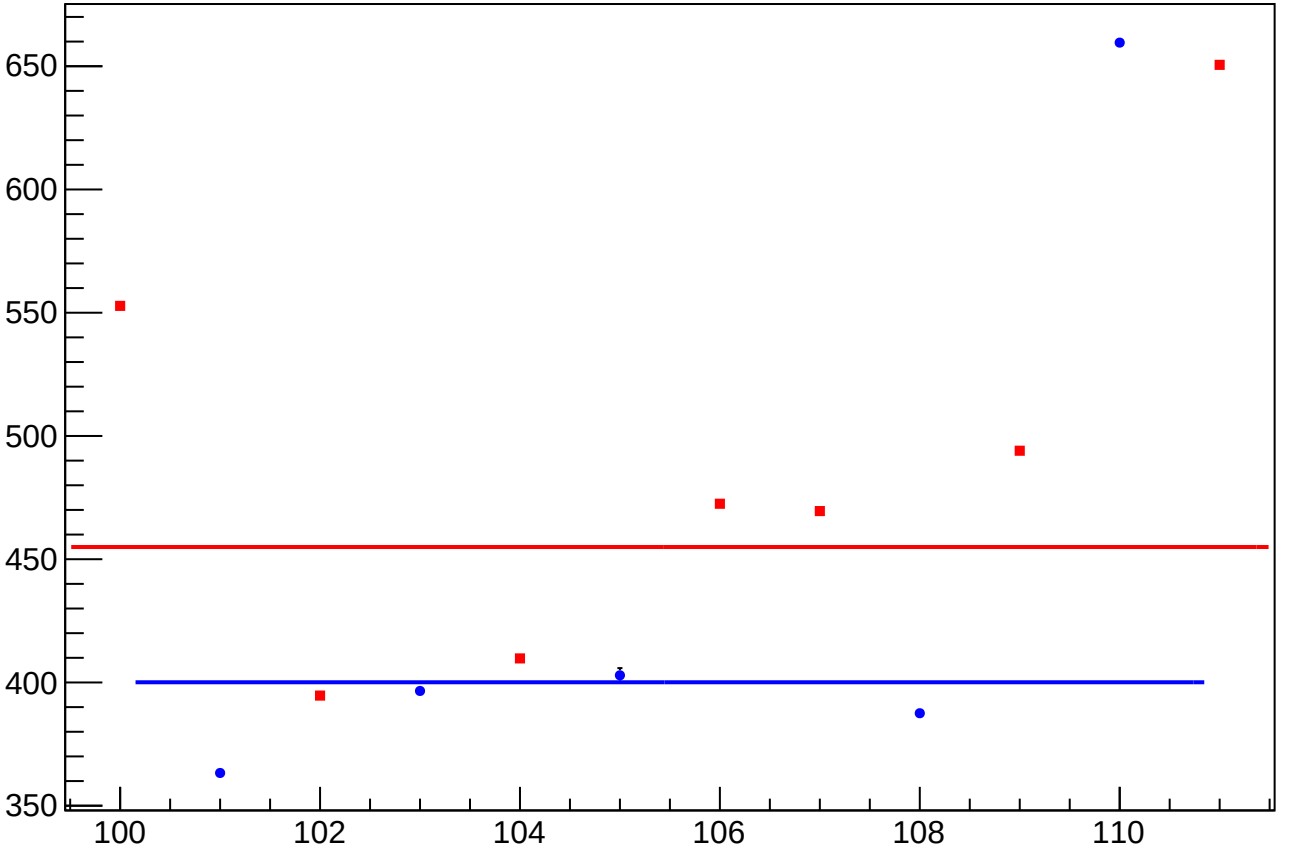
Right Out: 206.640+/-282.804 χ^2/NDF: 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-197.285+/-296.376 χ^2/NDF: 3.4/4

206.640+/-282.804 χ^2/NDF: 7.2/6

asym_sam6_rms vs slug



Right In: 400.079+/-0.210 χ^2/NDF: 120397.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

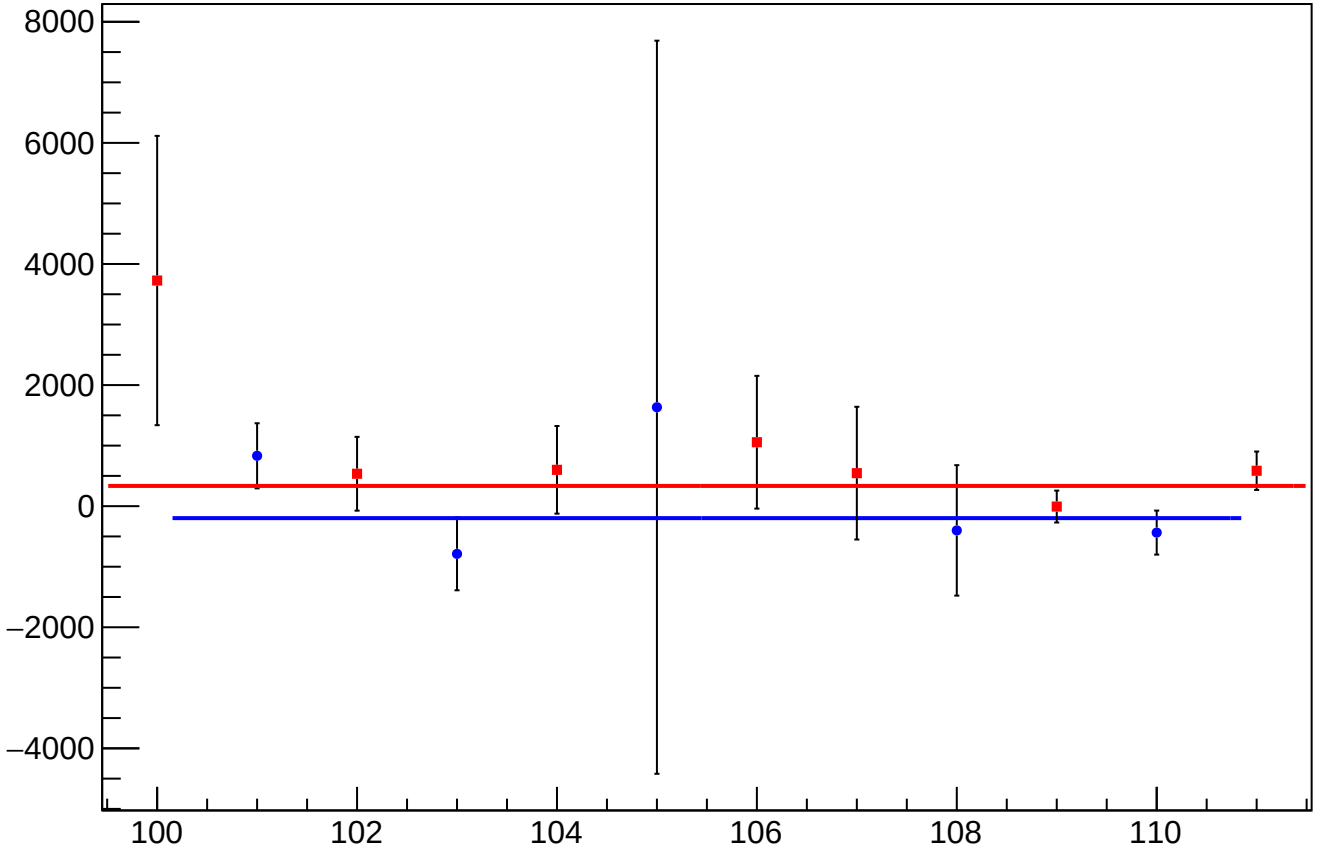
Right Out: 454.956+/-0.200 χ^2/NDF: 126858.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

400.079+/-0.210 χ^2/NDF: 120397.7/4

454.956+/-0.200 χ^2/NDF: 126858.1/6

asym_sam7_mean vs slug



Right In: -197.607+/-261.000 χ^2/NDF: 5.2/4

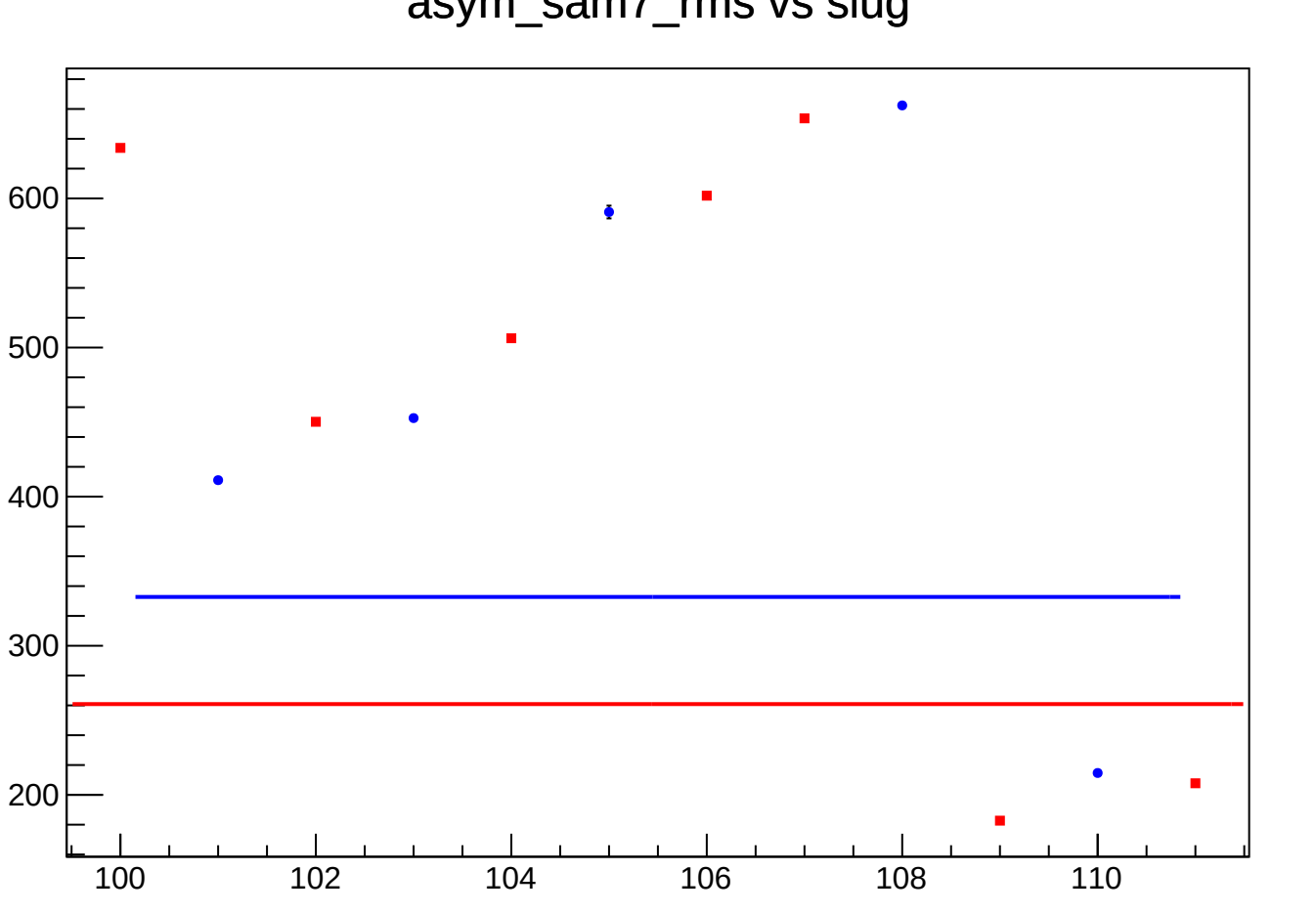
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 334.396+/-180.241 χ^2/NDF: 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-197.607+/-261.000 χ^2/NDF: 5.2/4

334.396+/-180.241 χ^2/NDF: 5.0/6



Right In: 332.741+/-0.185 χ^2/NDF: 523782.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

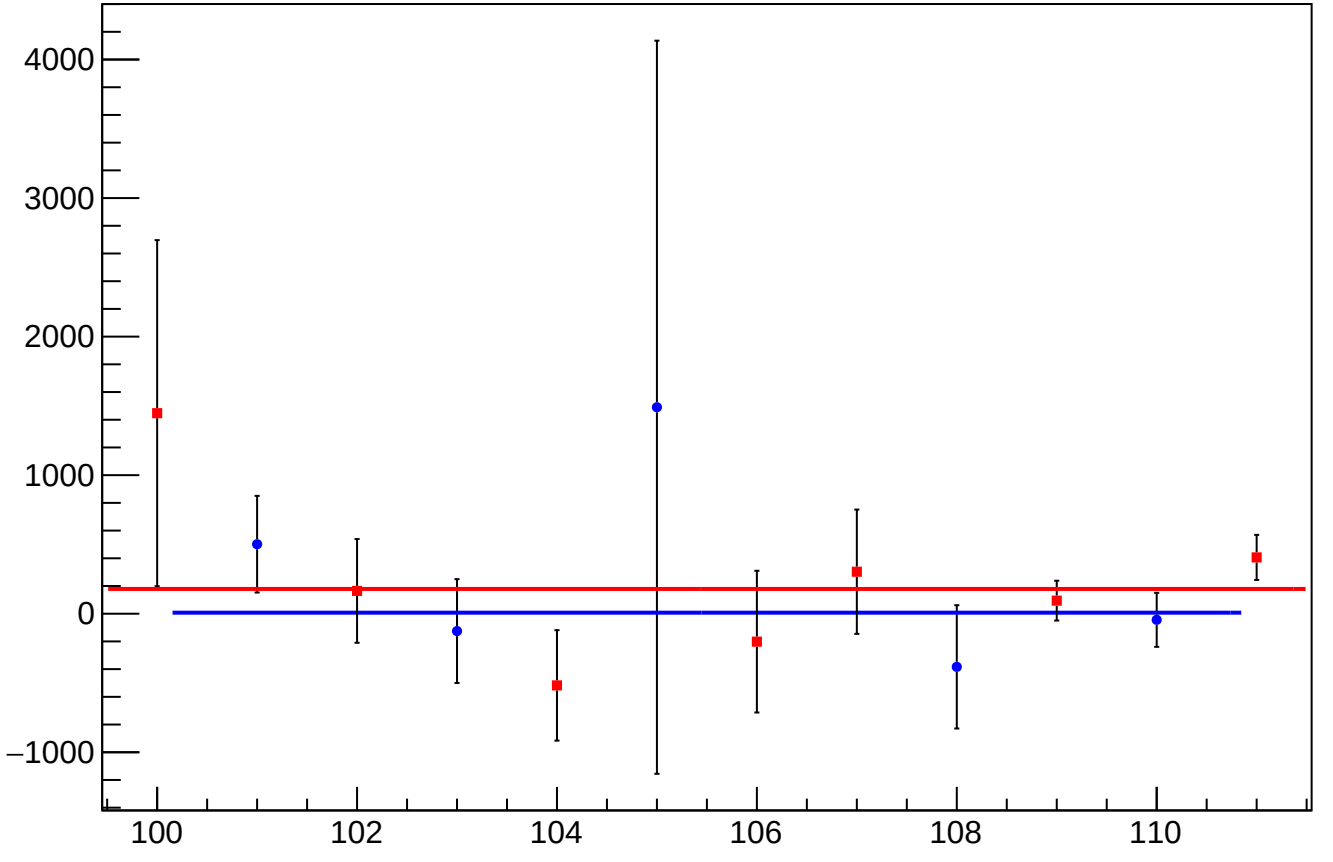
Right Out: 260.872+/-0.127 χ^2/NDF: 1153939.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

332.741+/-0.185 χ^2/NDF: 523782.5/4

260.872+/-0.127 χ^2/NDF: 1153939.6/6

asym_sam8_mean vs slug



Right In: 7.421+/-146.157 χ^2/NDF: 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

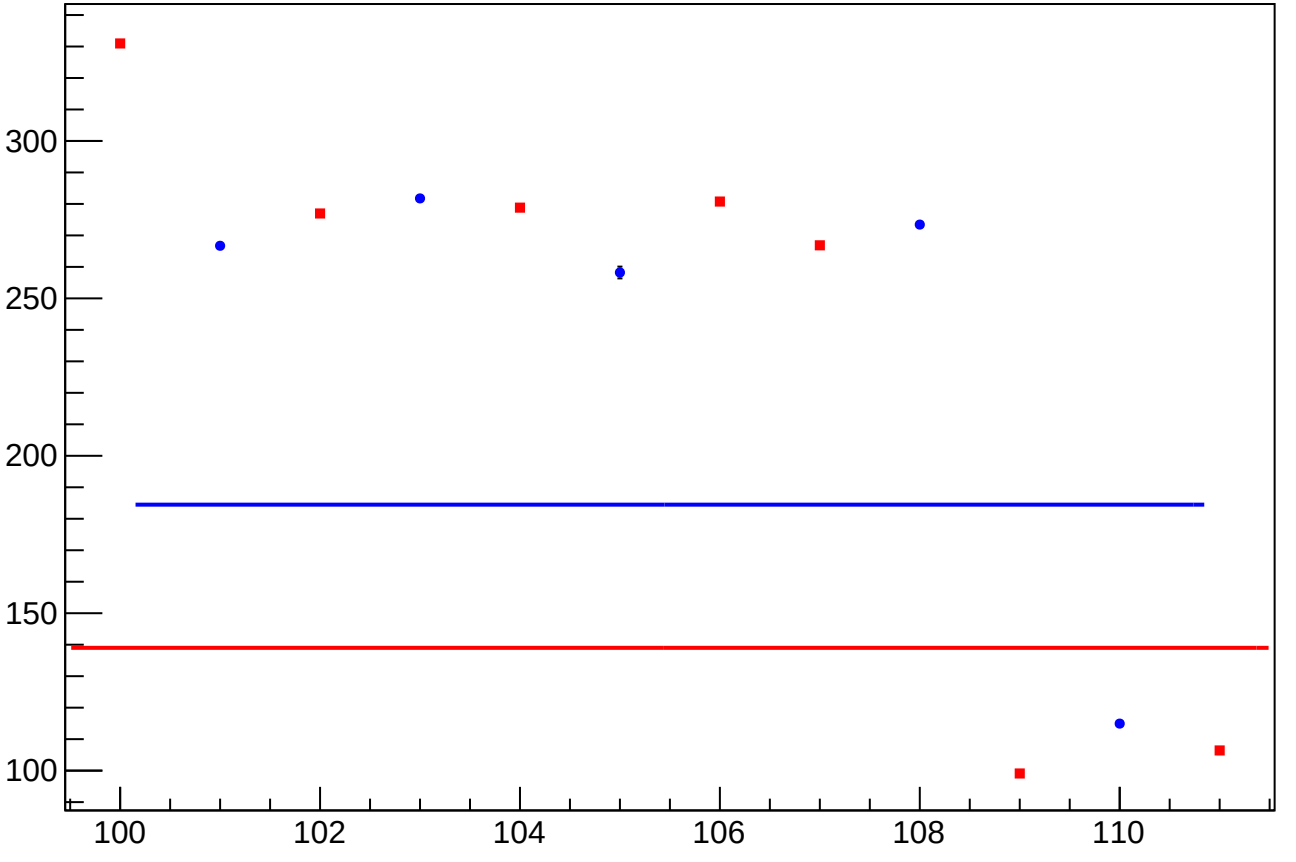
Right Out: 178.752+/-95.758 χ^2/NDF: 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

7.421+/-146.157 χ^2/NDF: 3.3/4

178.752+/-95.758 χ^2/NDF: 7.0/6

asym_sam8_rms vs slug



Right In: 184.482+/-0.103 χ^2/NDF: 581545.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

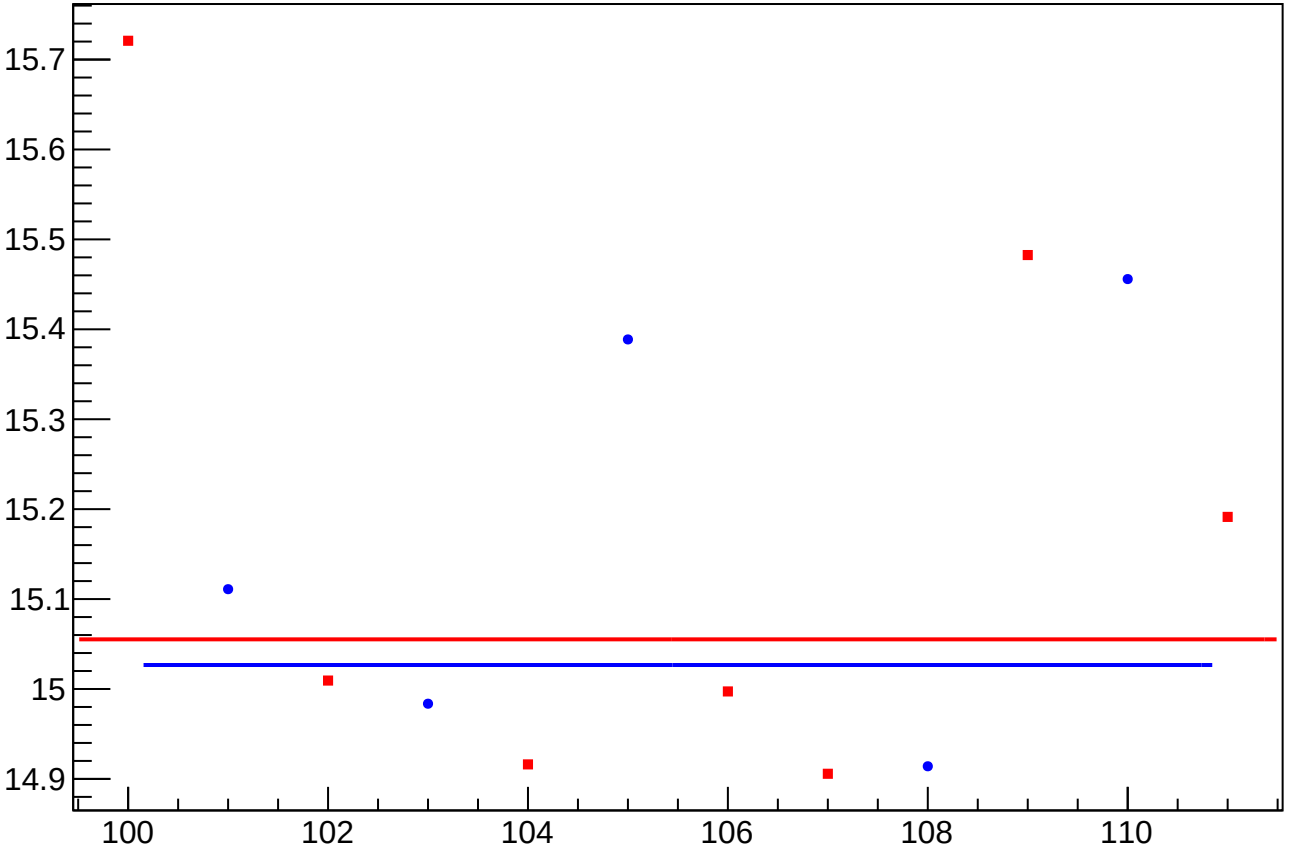
Right Out: 139.006+/-0.068 χ^2/NDF: 1115409.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

184.482+/-0.103 χ^2/NDF: 581545.9/4

139.006+/-0.068 χ^2/NDF: 1115409.6/6

yield_sam1_mean vs slug



Right In: 15.027+/-0.000 χ^2/NDF: 39063223.2/4

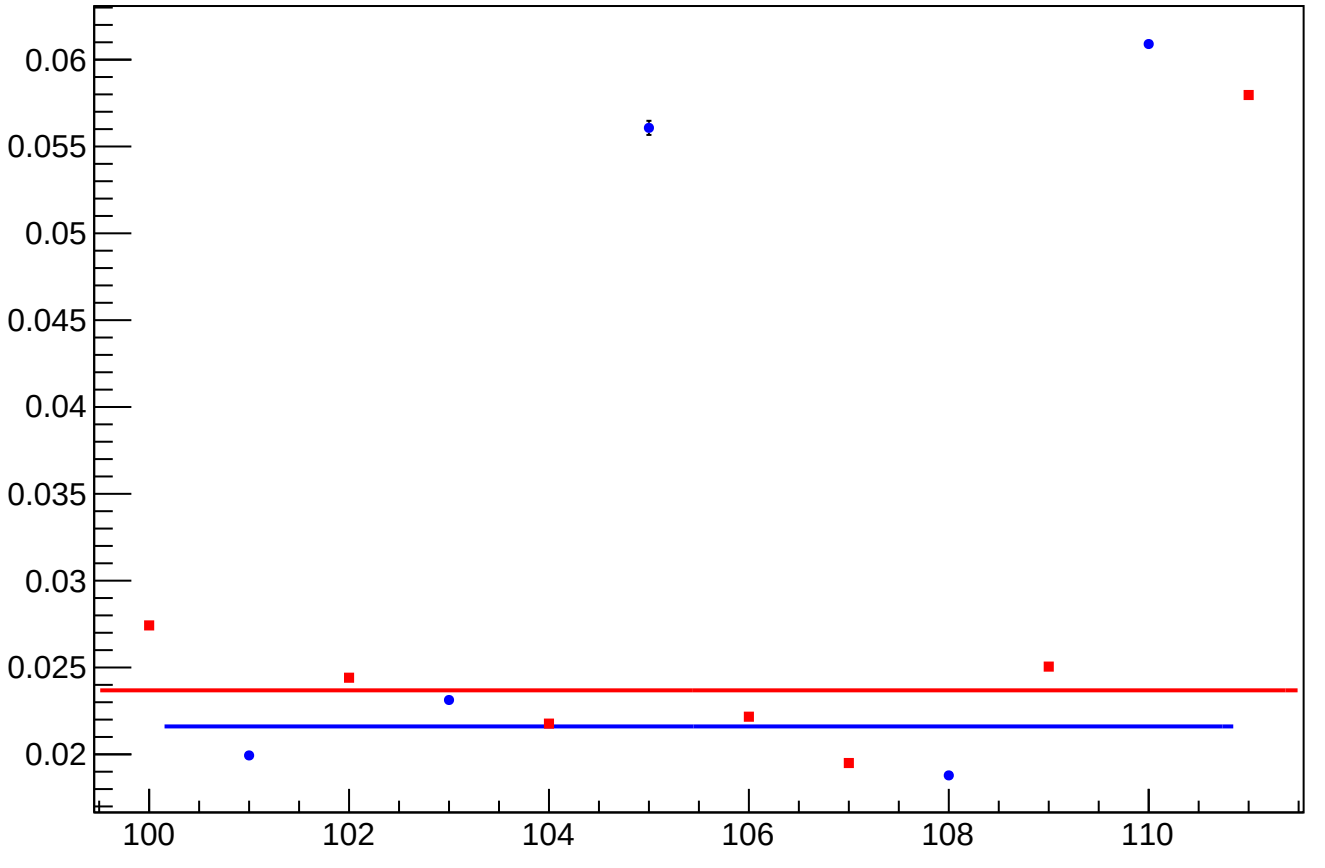
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.055+/-0.000 χ^2/NDF: 185819715.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

15.027+/-0.000 χ^2/NDF: 39063223.2/4

15.055+/-0.000 χ^2/NDF: 185819715.5/6



Right In: 0.022+/-0.000 χ^2/NDF: 289945.2/4

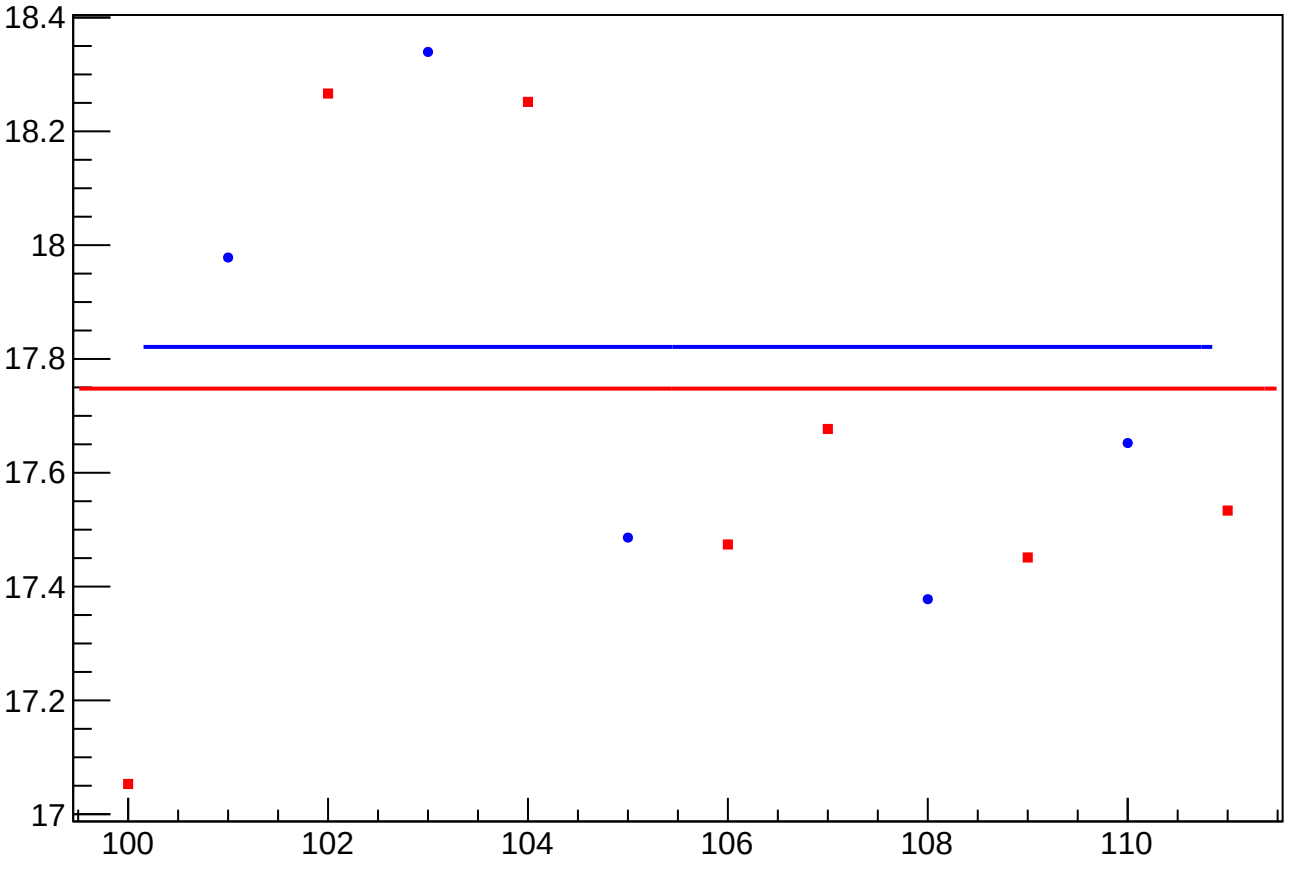
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF: 326330.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.022+/-0.000 χ^2/NDF: 289945.2/4

0.024+/-0.000 χ^2/NDF: 326330.7/6



Right In: 17.821+/-0.000 χ^2/NDF: 3174669.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

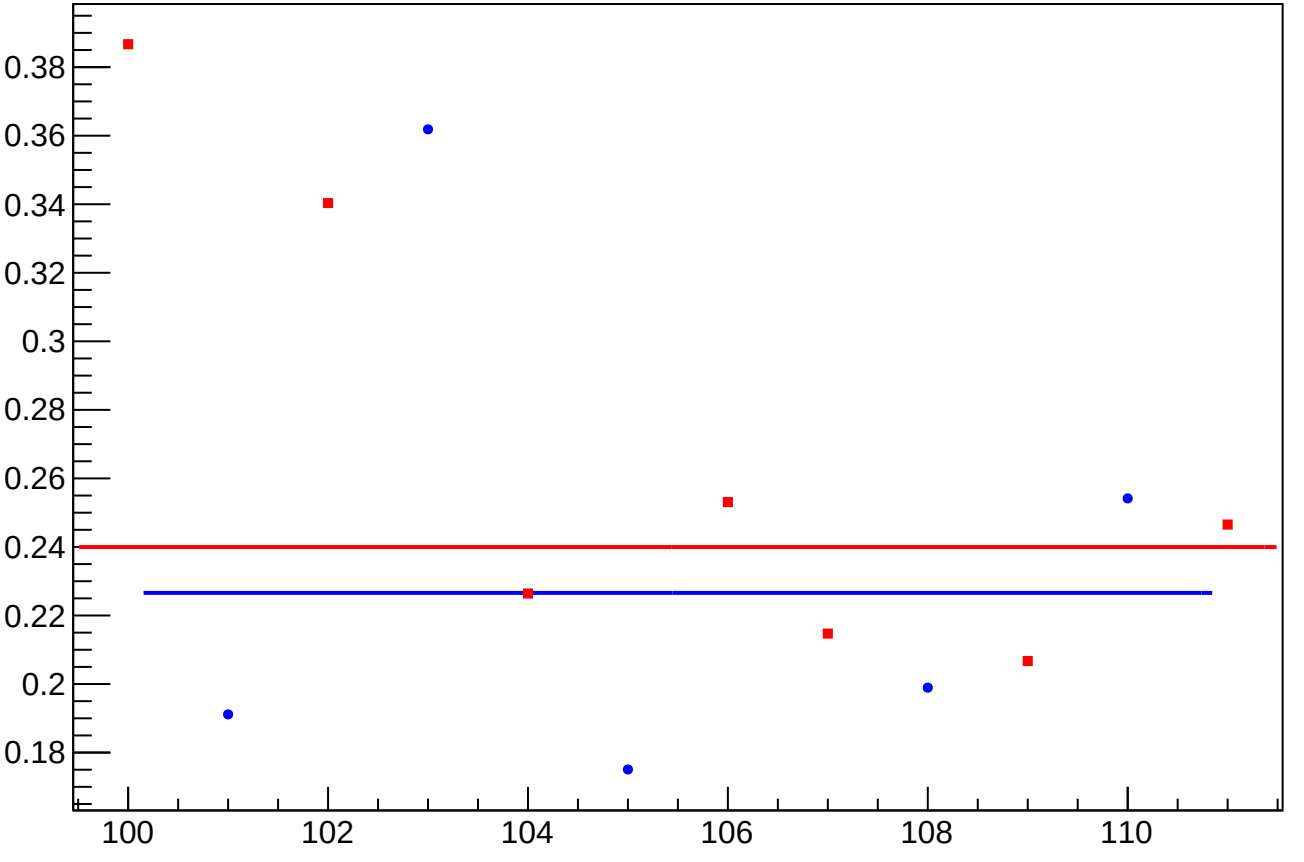
Right Out: 17.748+/-0.000 χ^2/NDF: 4890249.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.821+/-0.000 χ^2/NDF: 3174669.2/4

17.748+/-0.000 χ^2/NDF: 4890249.3/6

yield_sam2_rms vs slug



Right In: 0.227+/-0.000 χ^2/NDF: 211185.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

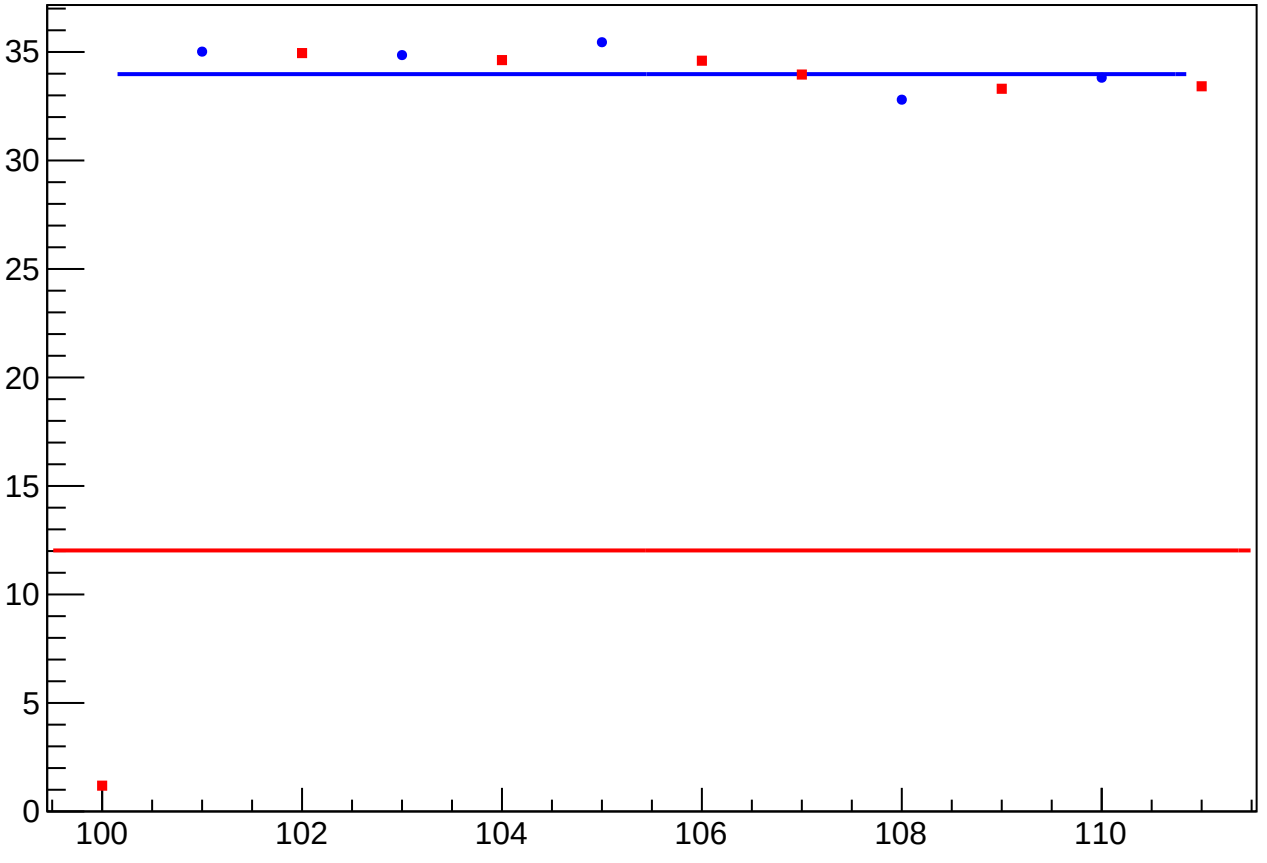
Right Out: 0.240+/-0.000 χ^2/NDF: 143830.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.227+/-0.000 χ^2/NDF: 211185.6/4

0.240+/-0.000 χ^2/NDF: 143830.9/6

yield_sam3_mean vs slug



Right In: 33.979+/-0.000 χ^2/NDF: 48668835.1/4

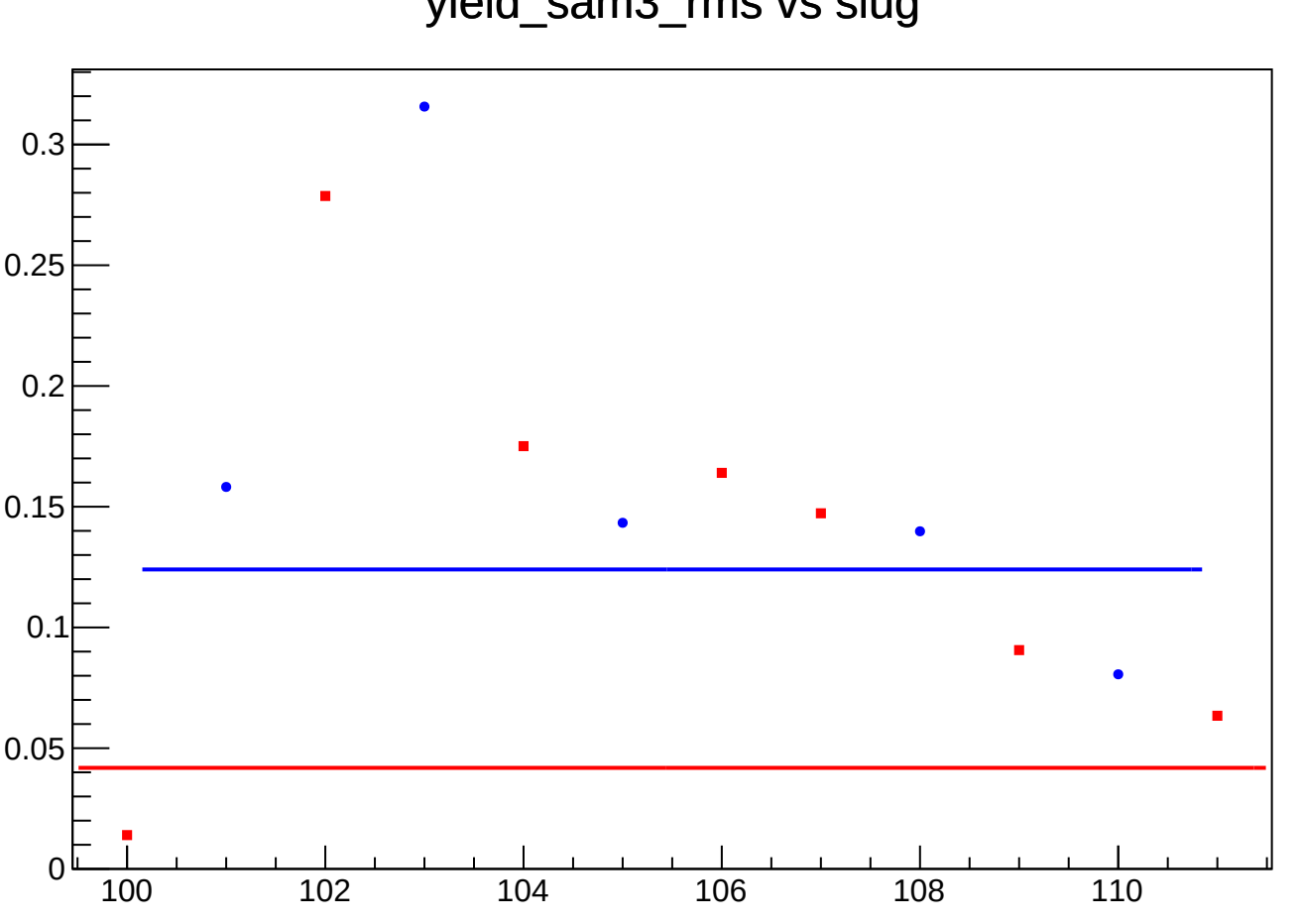
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.029+/-0.000 χ^2/NDF: 125081705031.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

33.979+/-0.000 χ^2/NDF: 48668835.1/4

12.029+/-0.000 χ^2/NDF: 125081705031.9/6



Right In: 0.124+/-0.000 χ^2/NDF: 639753.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

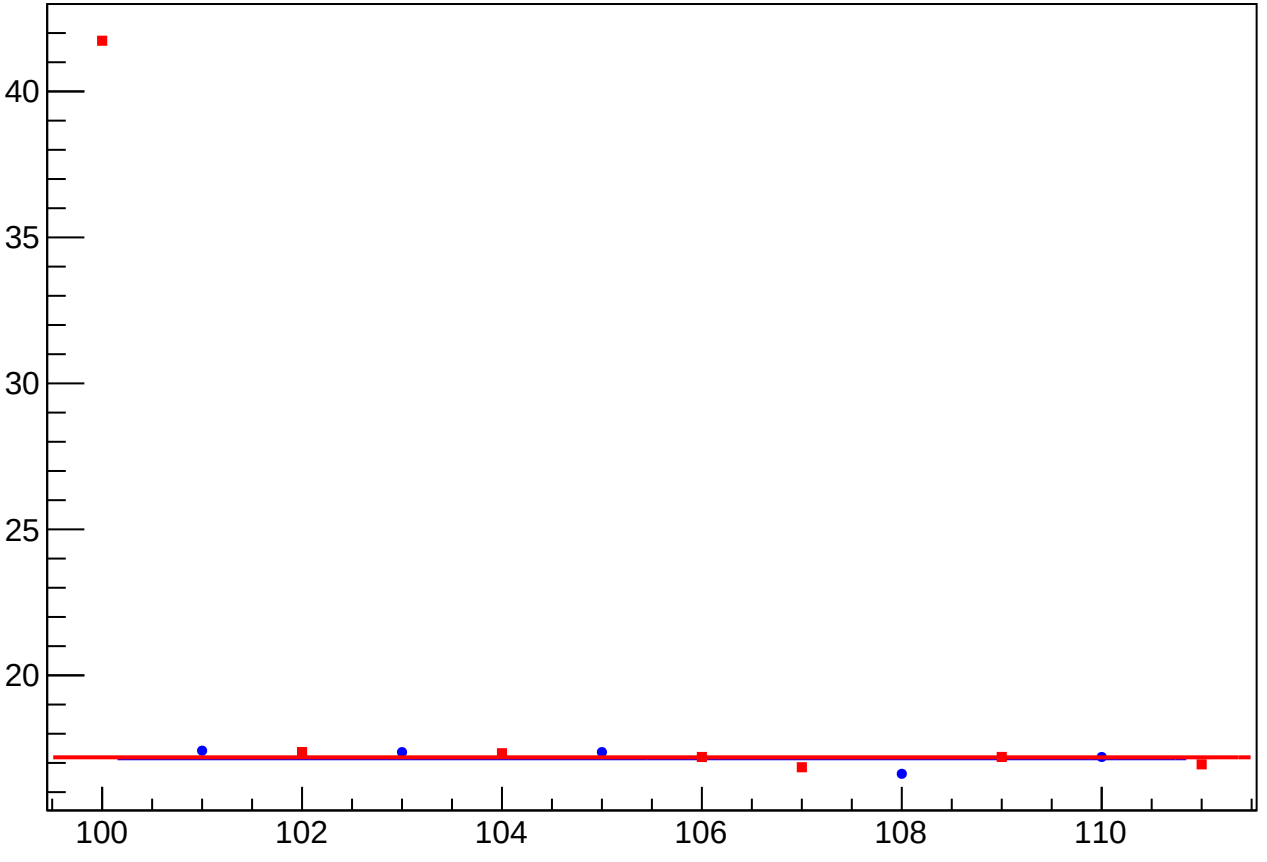
Right Out: 0.042+/-0.000 χ^2/NDF: 2556365.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.124+/-0.000 χ^2/NDF: 639753.7/4

0.042+/-0.000 χ^2/NDF: 2556365.0/6

yield_sam4_mean vs slug



Right In: 17.160+/-0.000 χ^2/NDF: 15017235.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

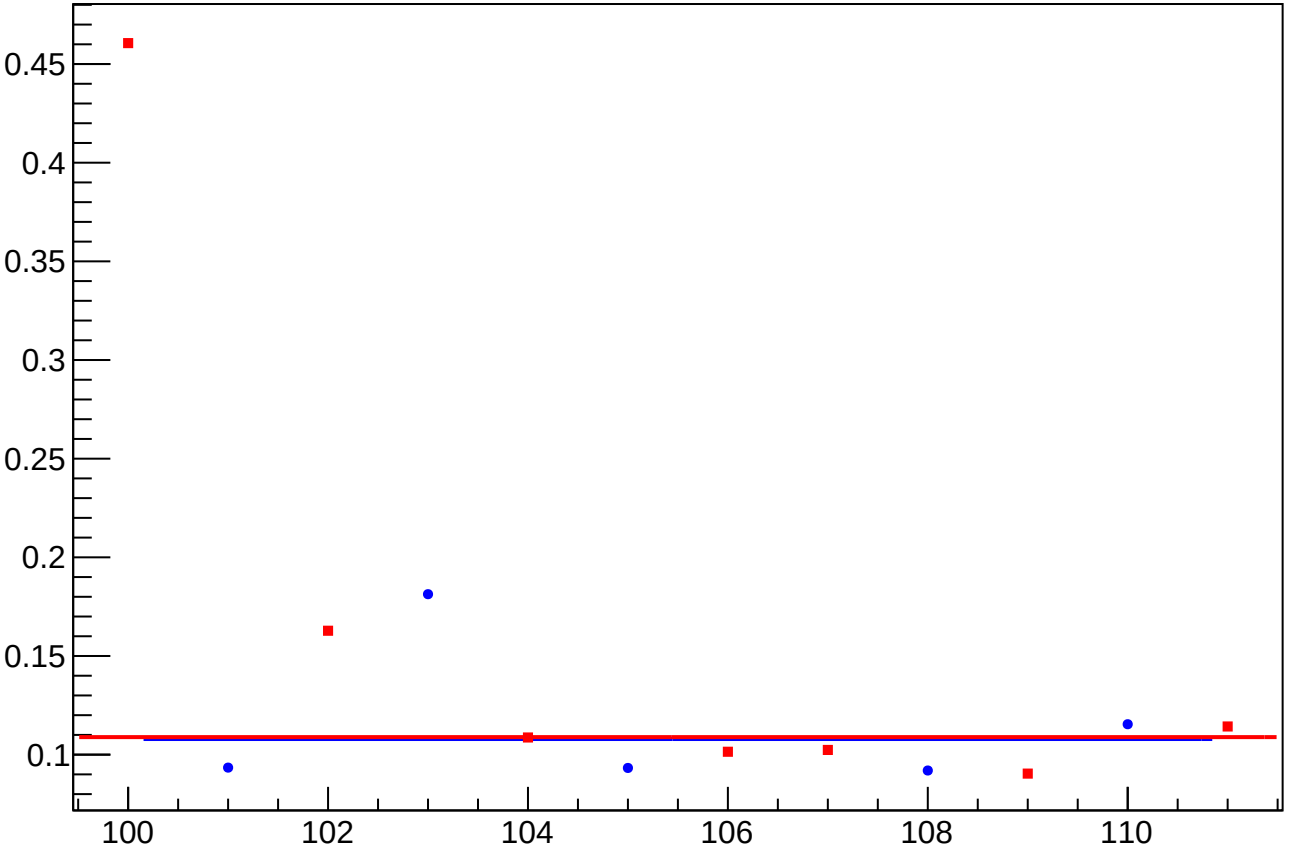
Right Out: 17.192+/-0.000 χ^2/NDF: 203110407.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.160+/-0.000 χ^2/NDF: 15017235.5/4

17.192+/-0.000 χ^2/NDF: 203110407.2/6

yield_sam4_rms vs slug



Right In: 0.108+/-0.000 χ^2/NDF: 229138.4/4

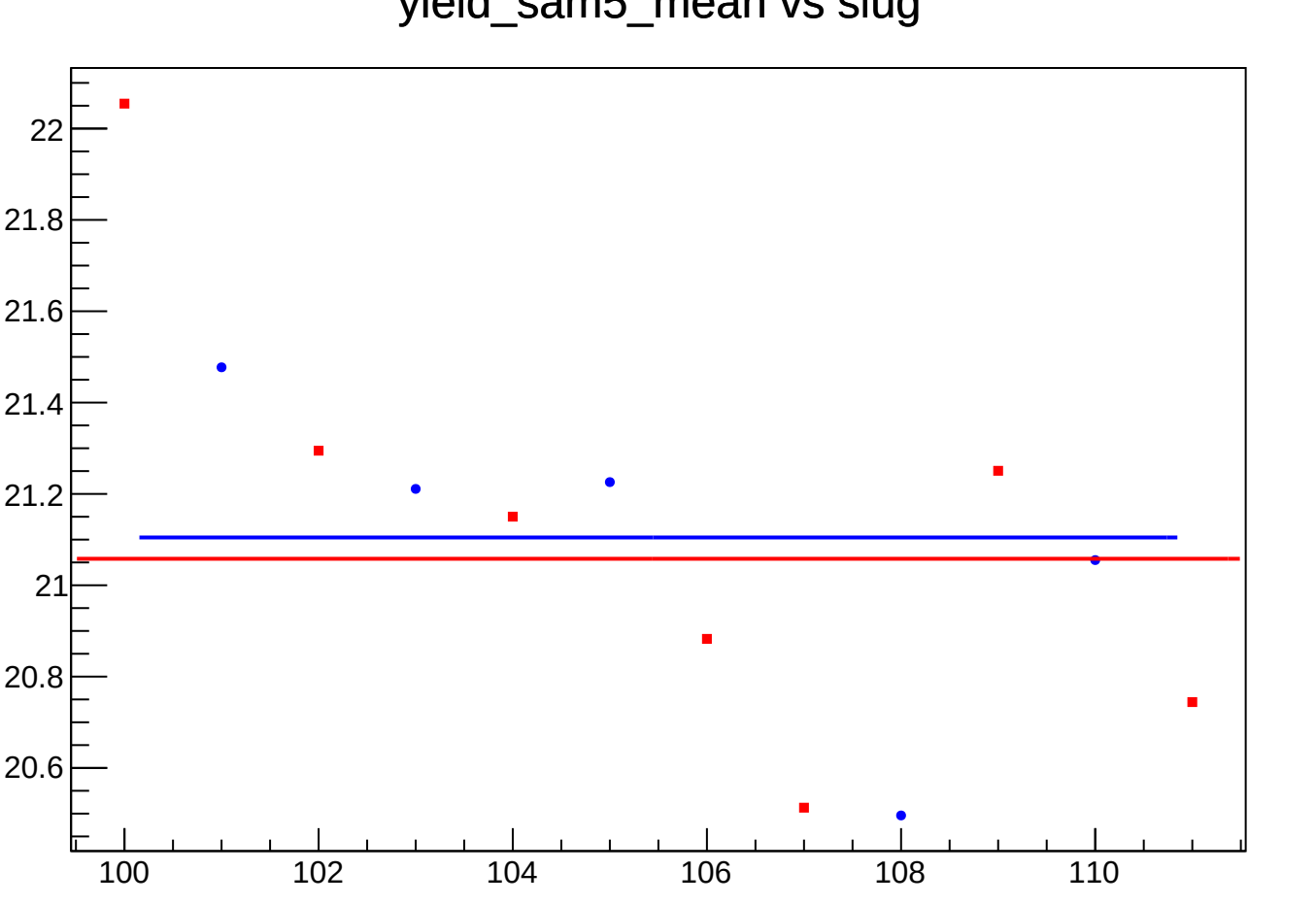
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.109+/-0.000 χ^2/NDF: 232923.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.108+/-0.000 χ^2/NDF: 229138.4/4

0.109+/-0.000 χ^2/NDF: 232923.3/6



Right In: 21.105+/-0.000 χ^2/NDF: 457302533.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

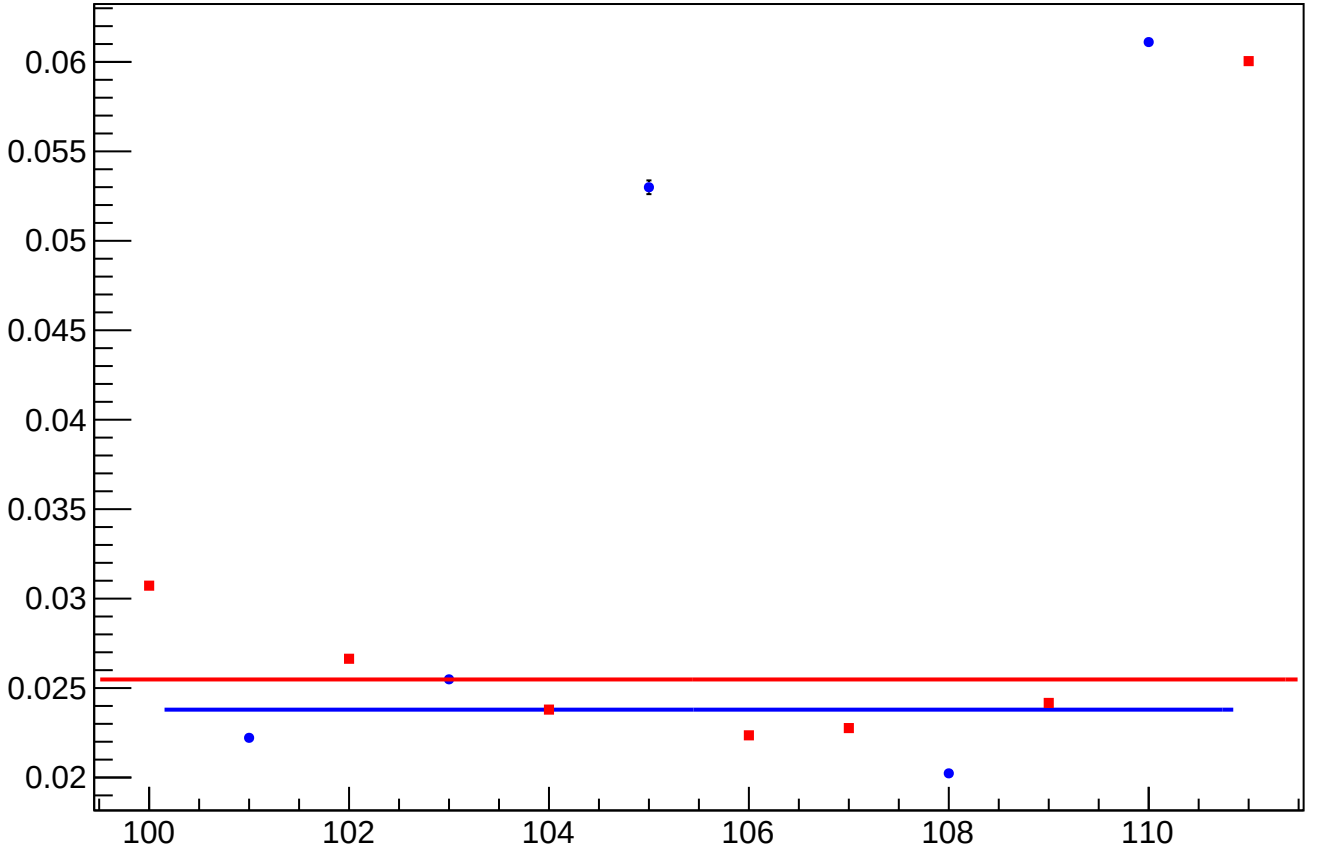
Right Out: 21.058+/-0.000 χ^2/NDF: 342079990.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

21.105+/-0.000 χ^2/NDF: 457302533.3/4

21.058+/-0.000 χ^2/NDF: 342079990.4/6

yield_sam5_rms vs slug



Right In: 0.024+/-0.000 χ^2/NDF: 263693.0/4

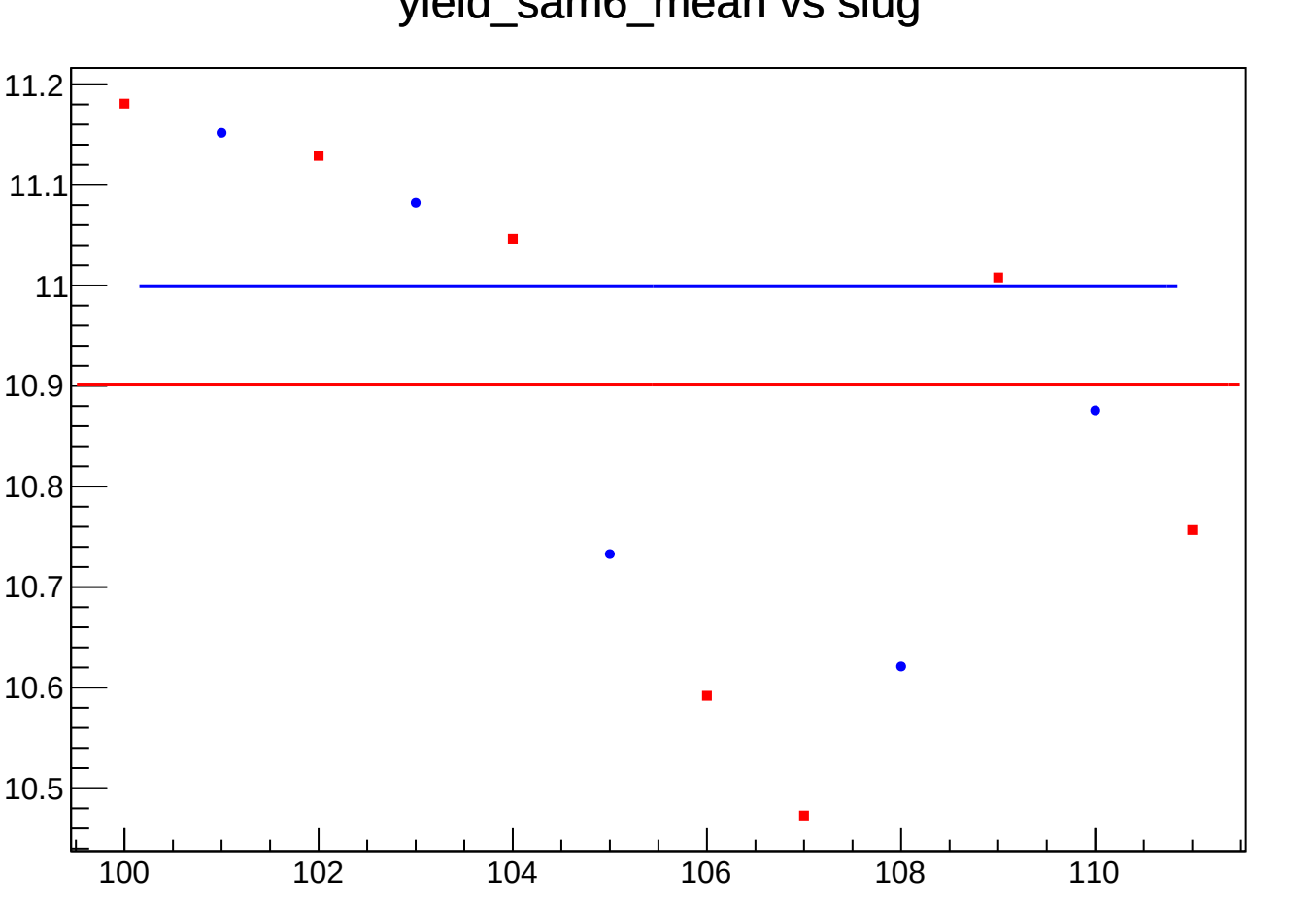
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF: 298234.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.024+/-0.000 χ^2/NDF: 263693.0/4

0.025+/-0.000 χ^2/NDF: 298234.2/6



Right In: 10.999+/-0.000 χ^2/NDF: 657982402.6/4

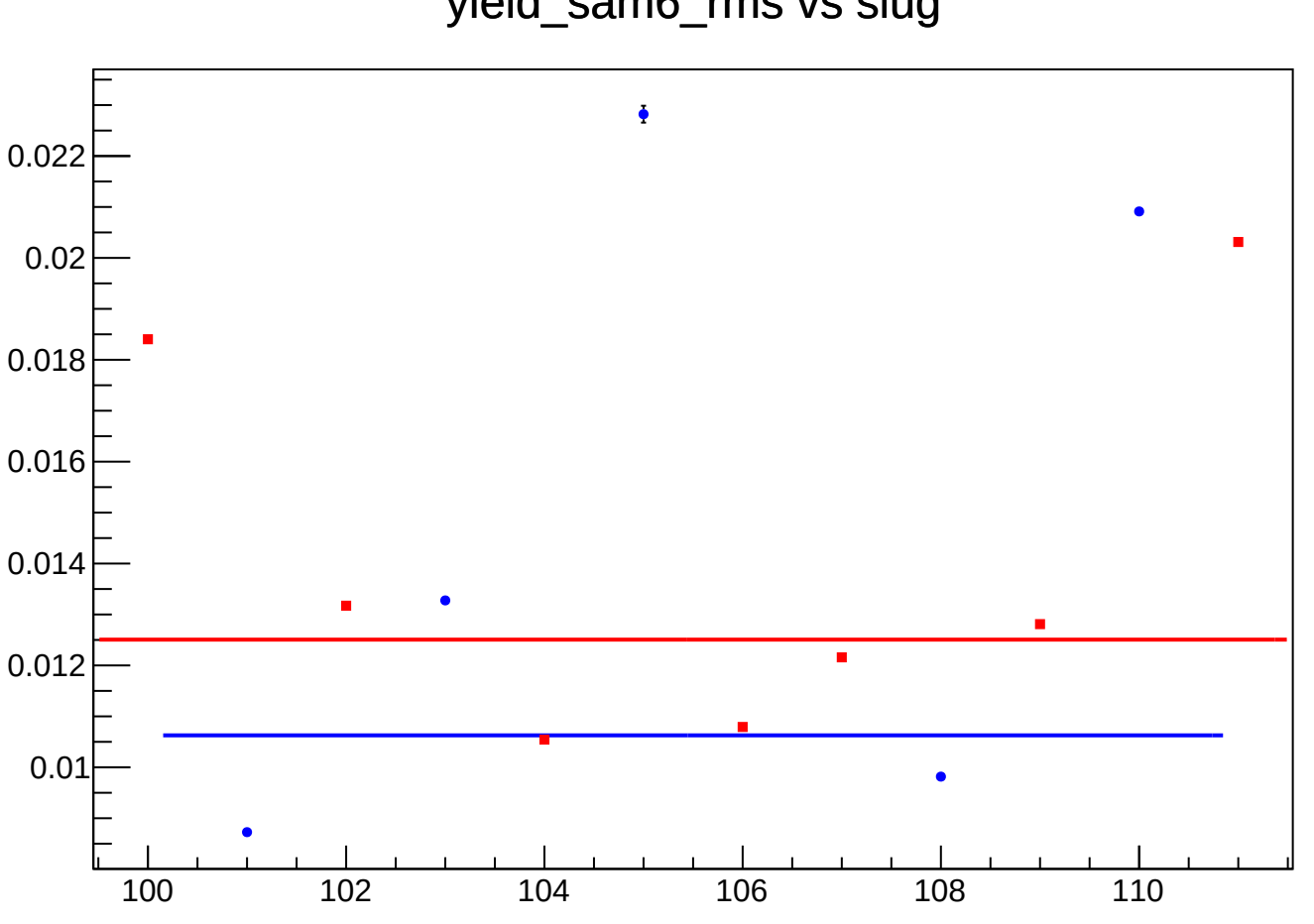
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.901+/-0.000 χ^2/NDF: 850134066.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

10.999+/-0.000 χ^2/NDF: 657982402.6/4

10.901+/-0.000 χ^2/NDF: 850134066.1/6



Right In: 0.011+/-0.000 χ^2/NDF: 253562.8/4

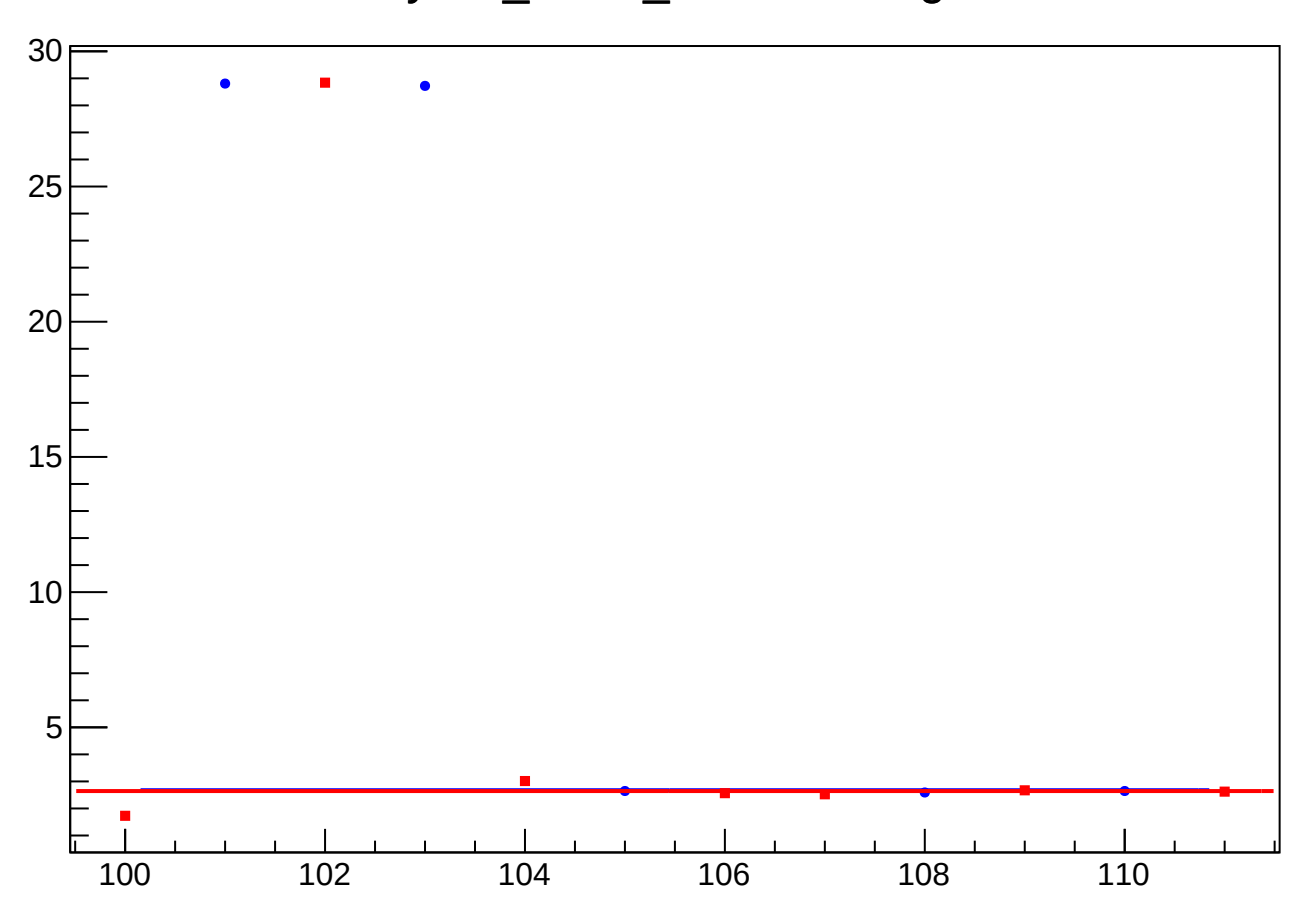
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF: 181431.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.011+/-0.000 χ^2/NDF: 253562.8/4

0.013+/-0.000 χ^2/NDF: 181431.8/6



Right In: 2.675+/-0.000 χ^2/NDF: 159476279198.3/4

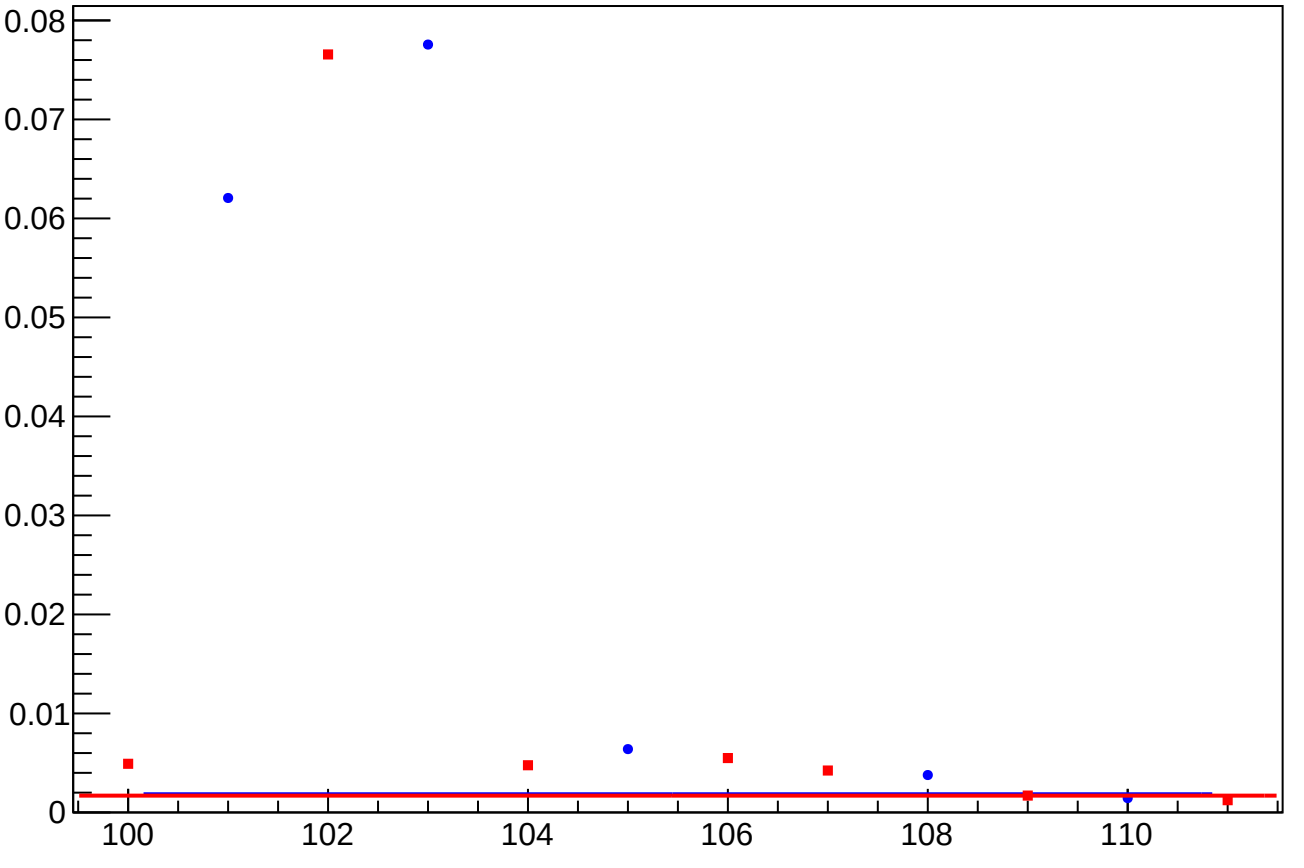
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.644+/-0.000 χ^2/NDF: 66790789081.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.675+/-0.000 χ^2/NDF: 159476279198.3/4

2.644+/-0.000 χ^2/NDF: 66790789081.3/6



Right In: 0.002+/-0.000 χ^2/NDF: 2305753.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

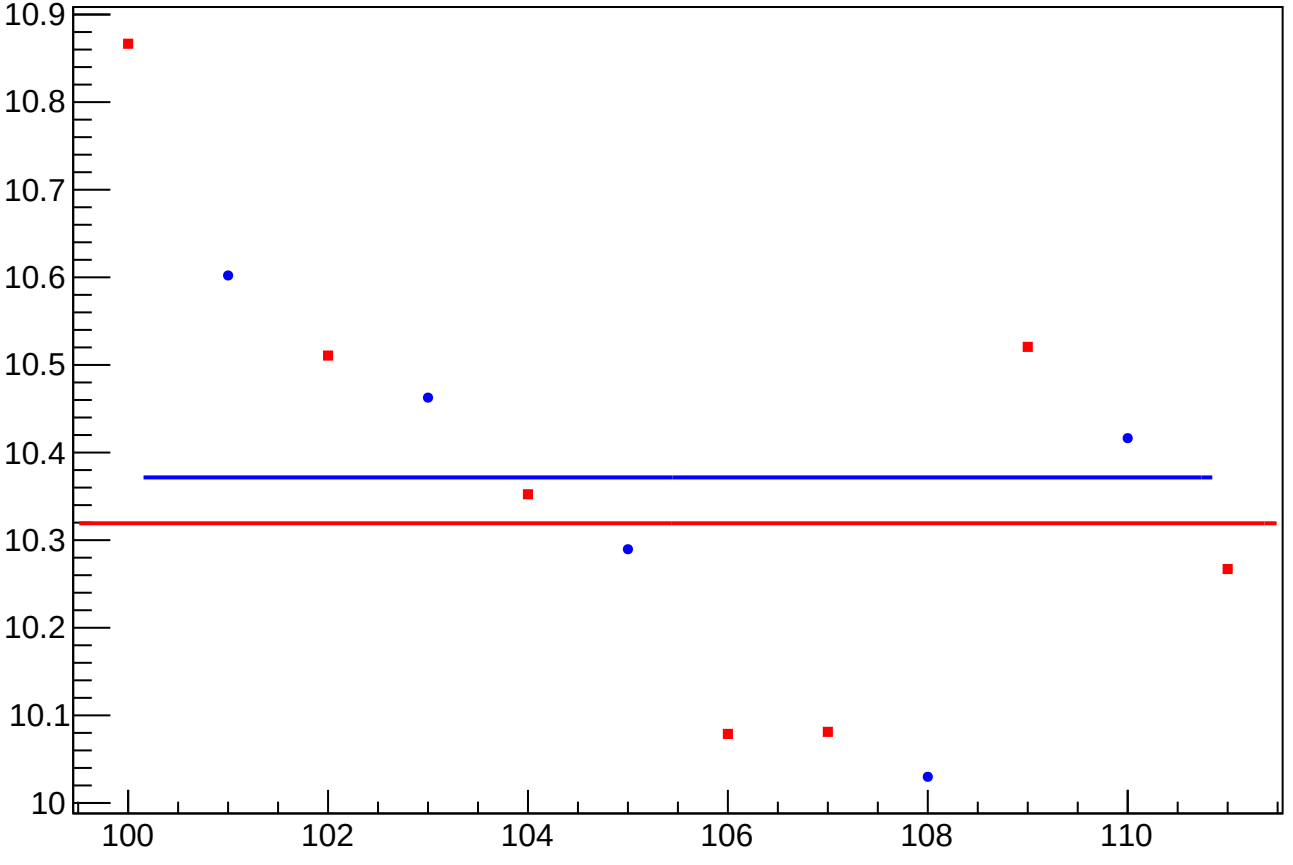
Right Out: 0.002+/-0.000 χ^2/NDF: 1849051.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.002+/-0.000 χ^2/NDF: 2305753.3/4

0.002+/-0.000 χ^2/NDF: 1849051.6/6

yield_sam8_mean vs slug



Right In: 10.372+/-0.000 χ^2/NDF: 1099985662.6/4

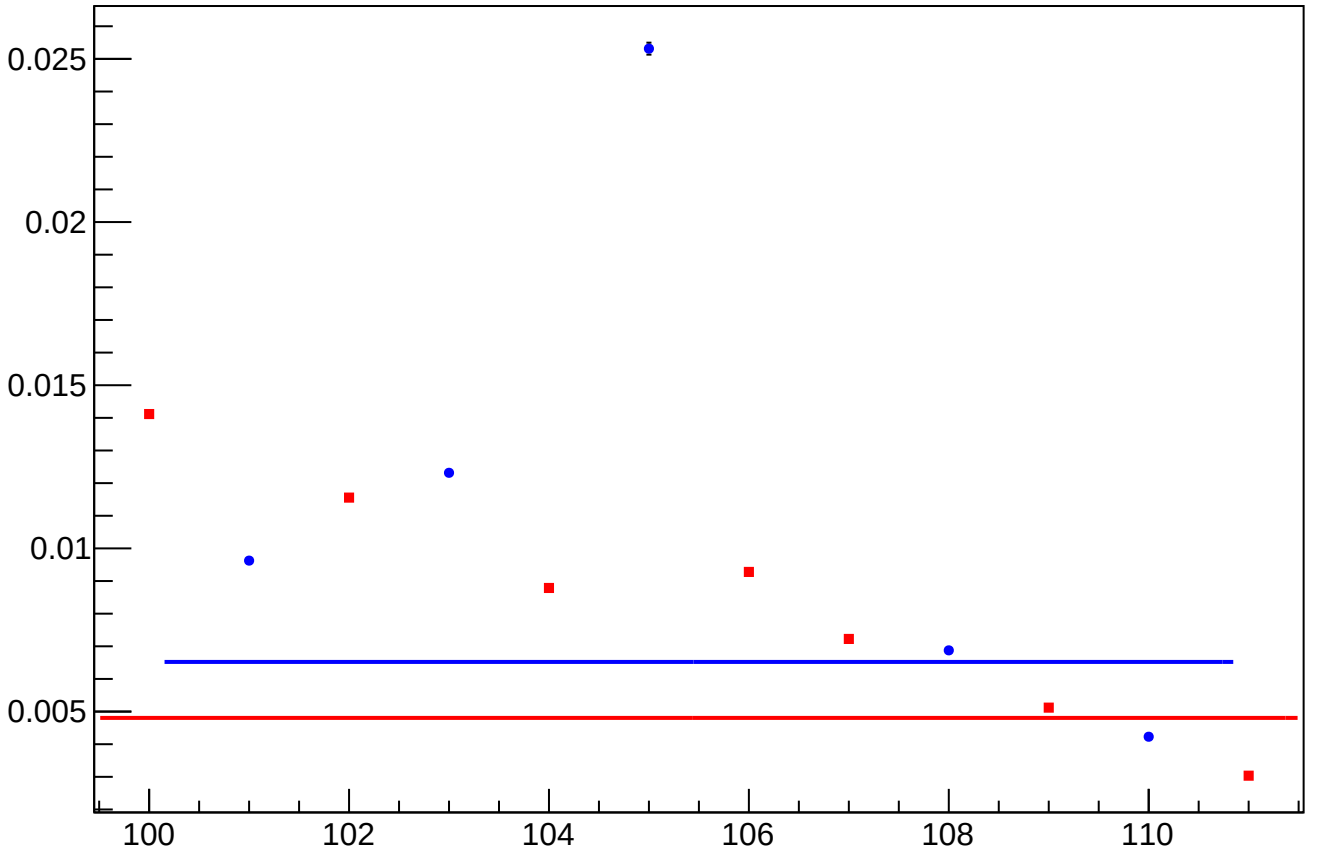
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.319+/-0.000 χ^2/NDF: 1486406129.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

10.372+/-0.000 χ^2/NDF: 1099985662.6/4

10.319+/-0.000 χ^2/NDF: 1486406129.2/6



Right In: 0.007+/-0.000 χ^2/NDF: 535513.3/4

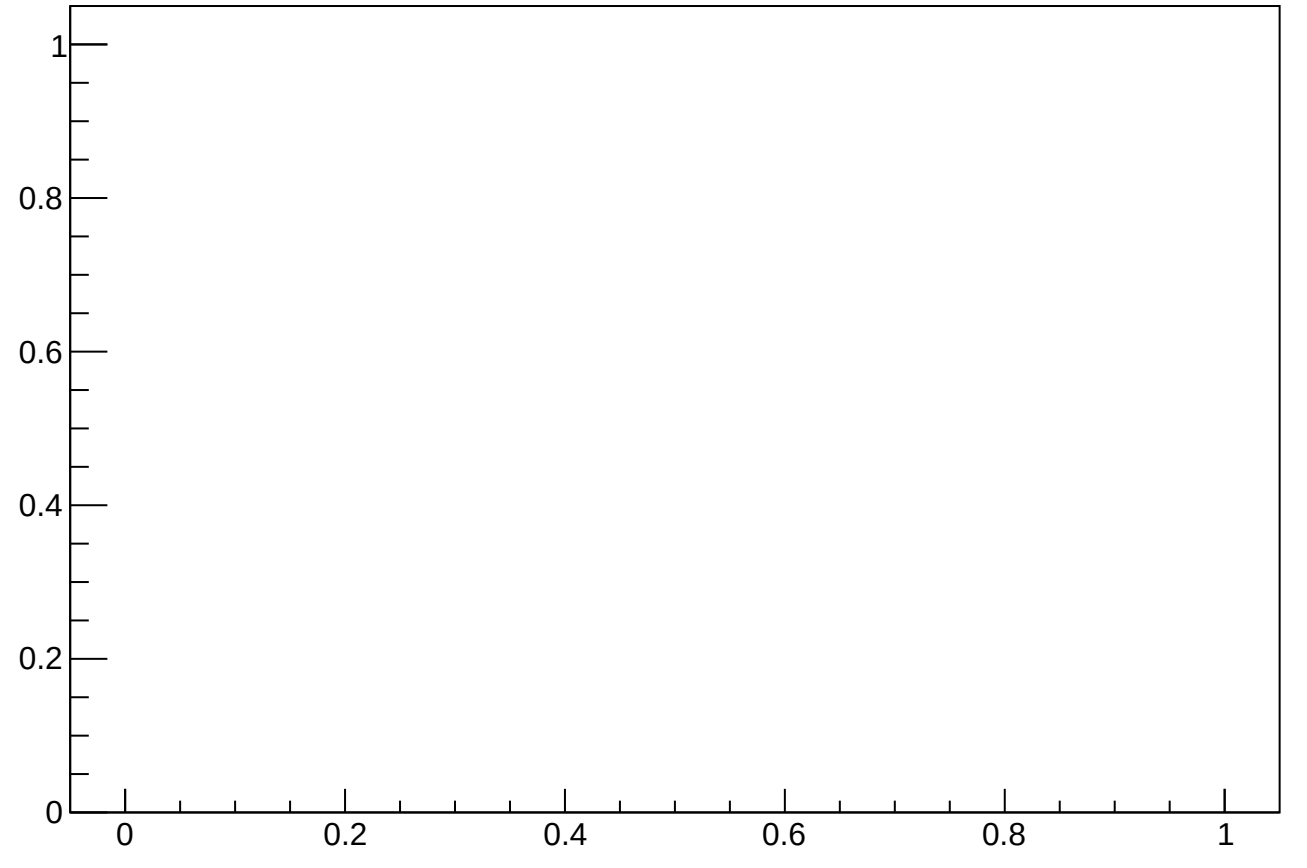
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF: 1038307.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.007+/-0.000 χ^2/NDF: 535513.3/4

0.005+/-0.000 χ^2/NDF: 1038307.6/6



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

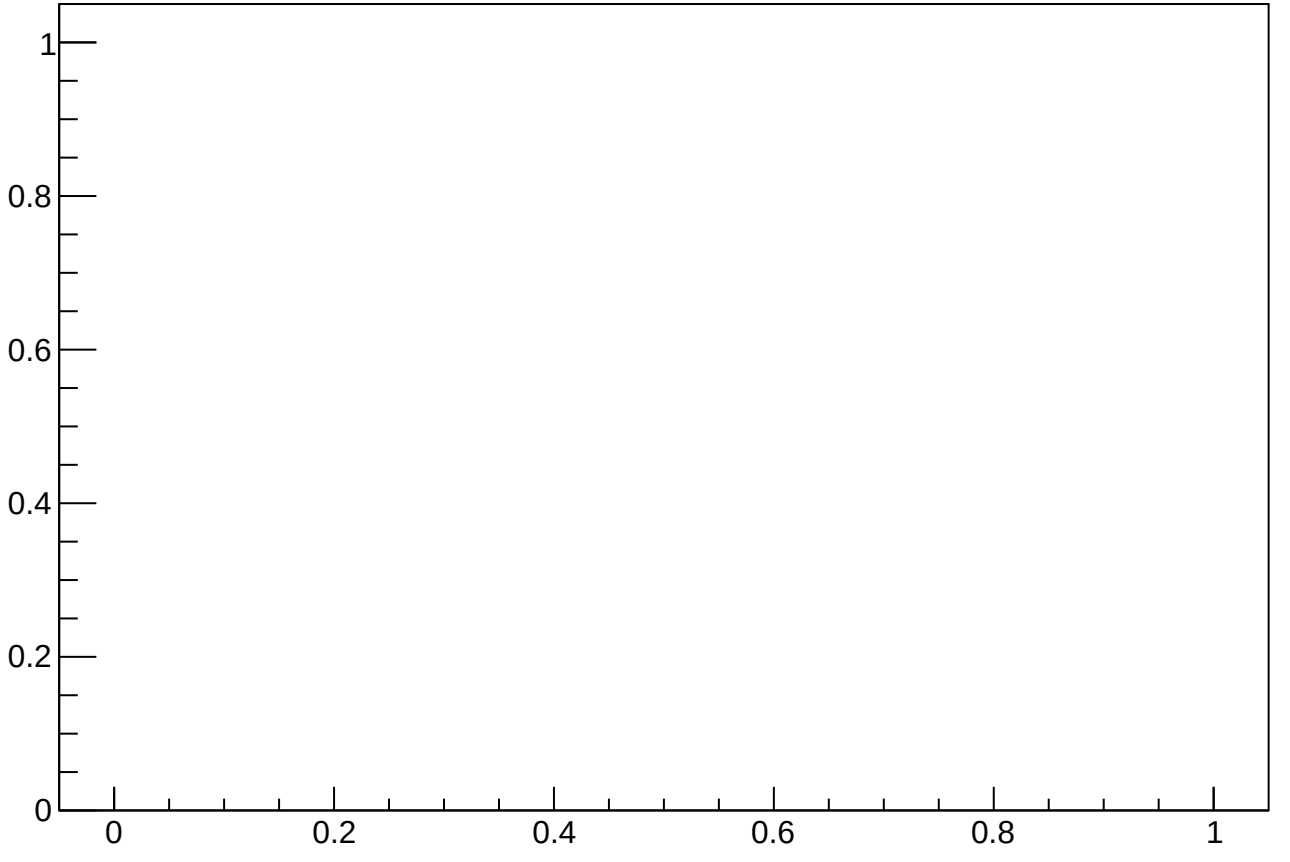
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

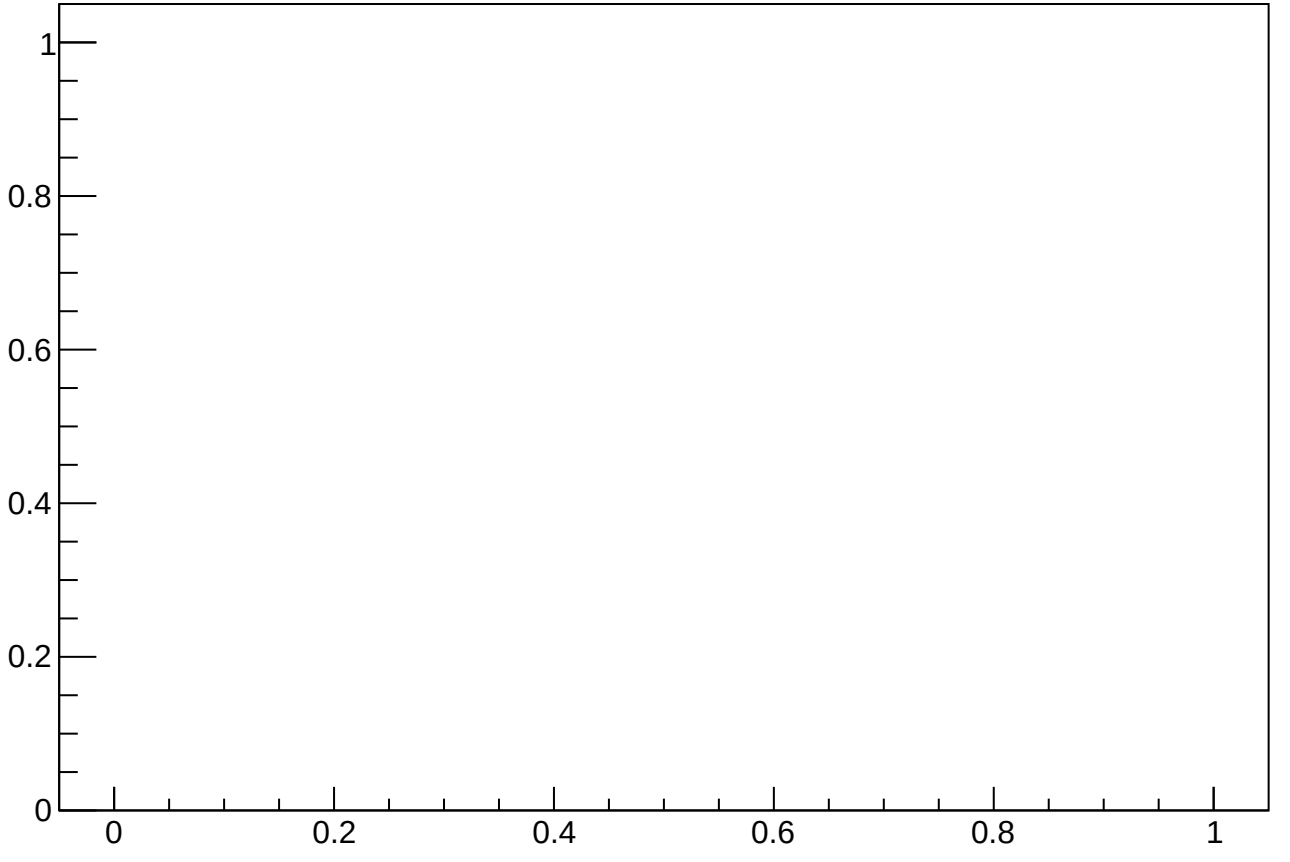
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

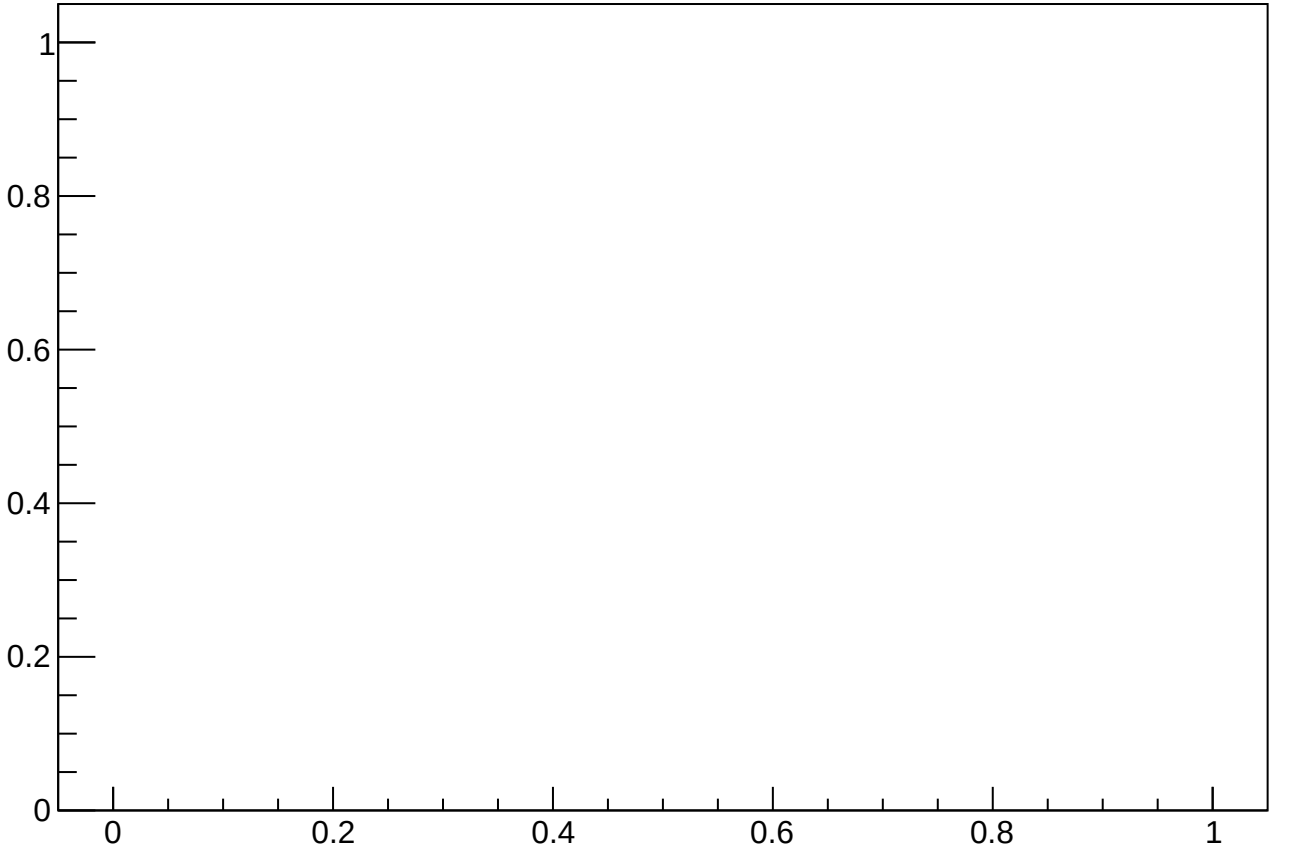
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

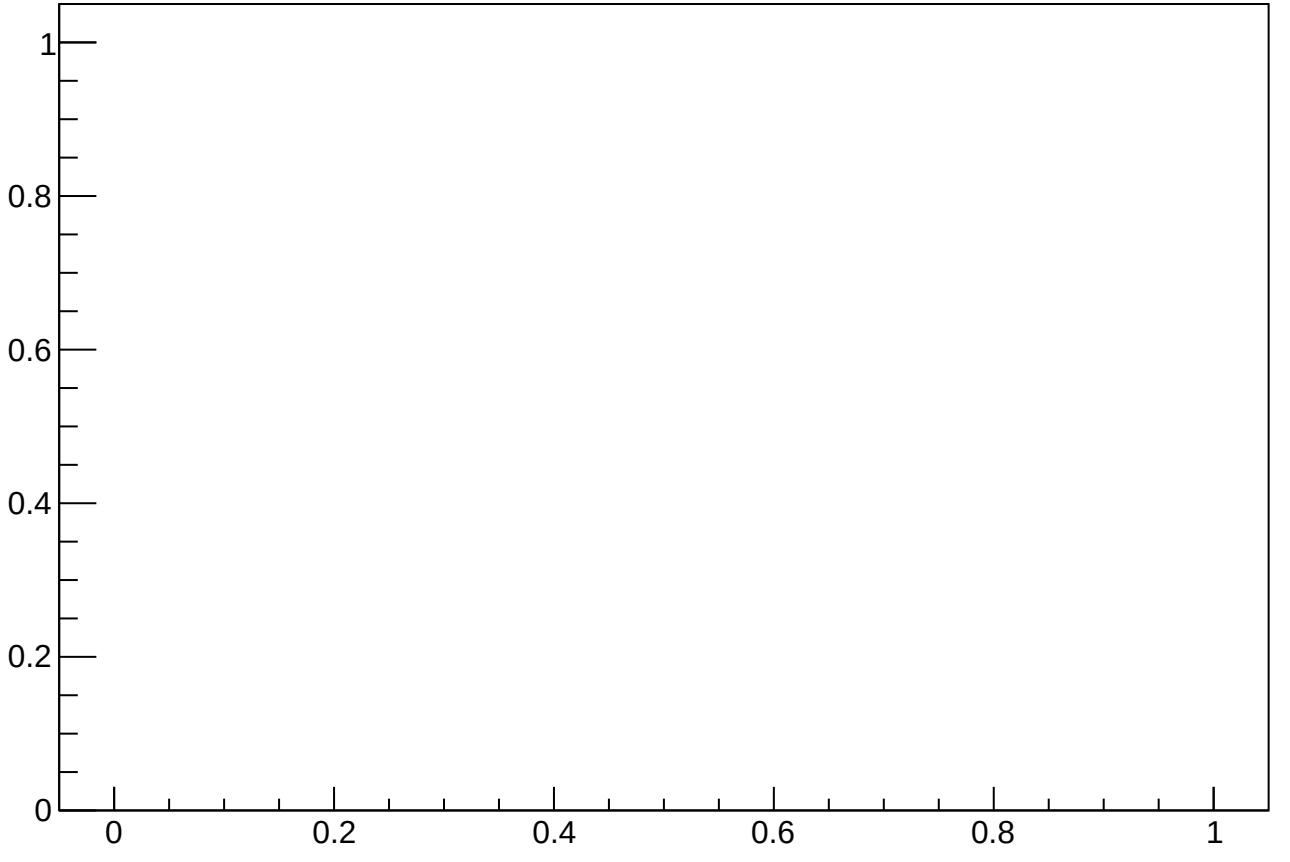
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

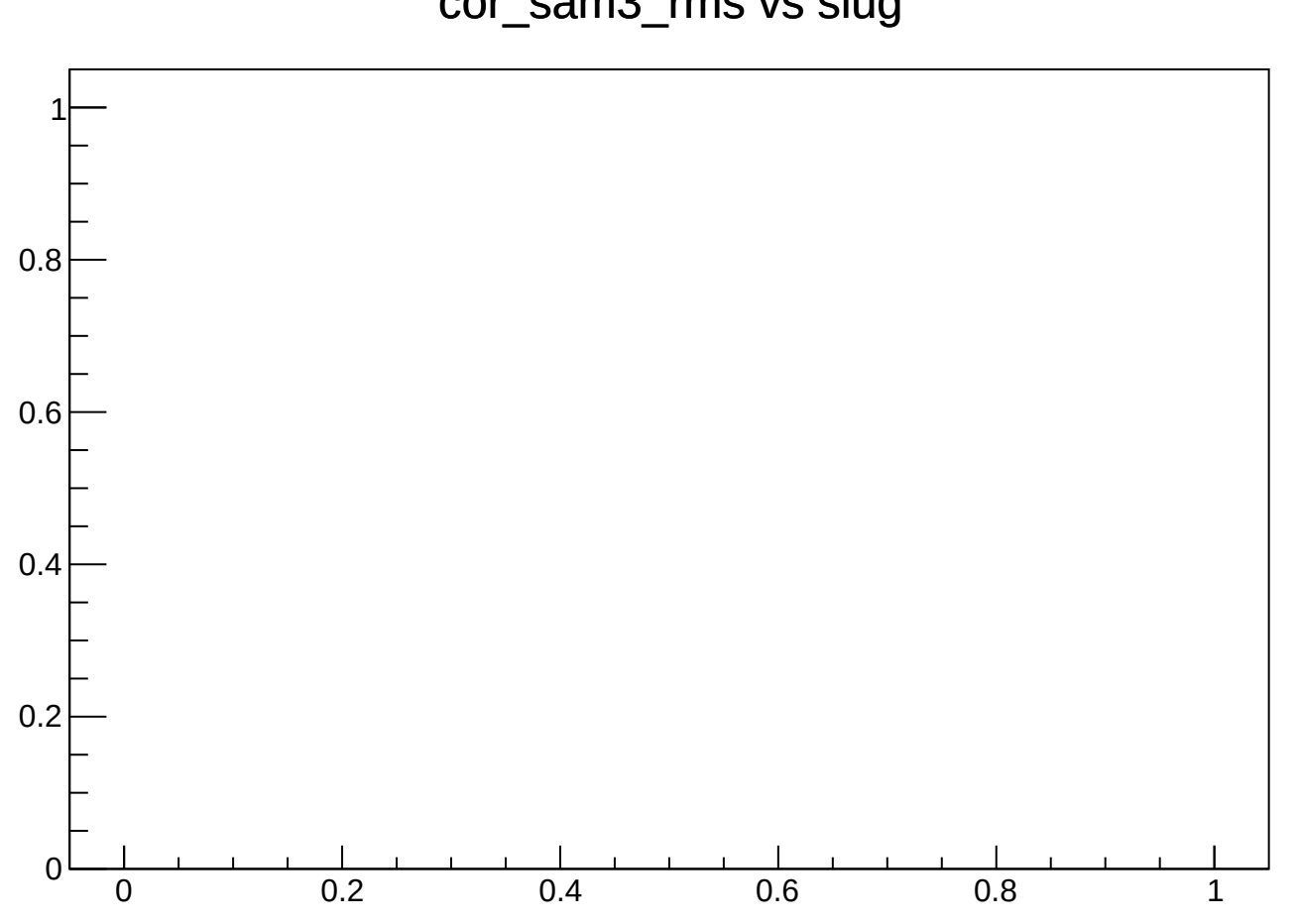
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

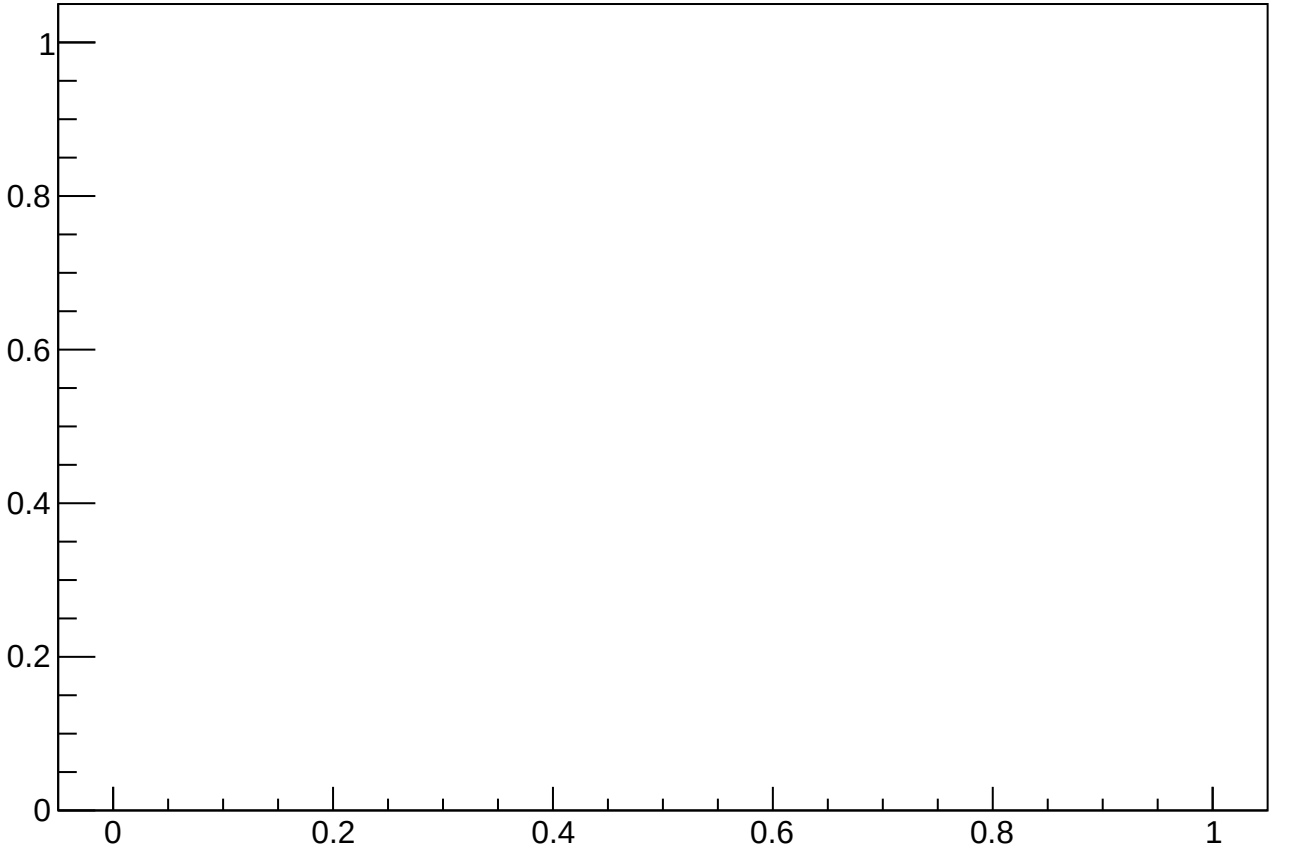
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.000+/-0.000 χ²/NDF: 0.0/0
0.000+/-0.000 χ²/NDF: 0.0/0

cor_sam4_mean vs slug



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

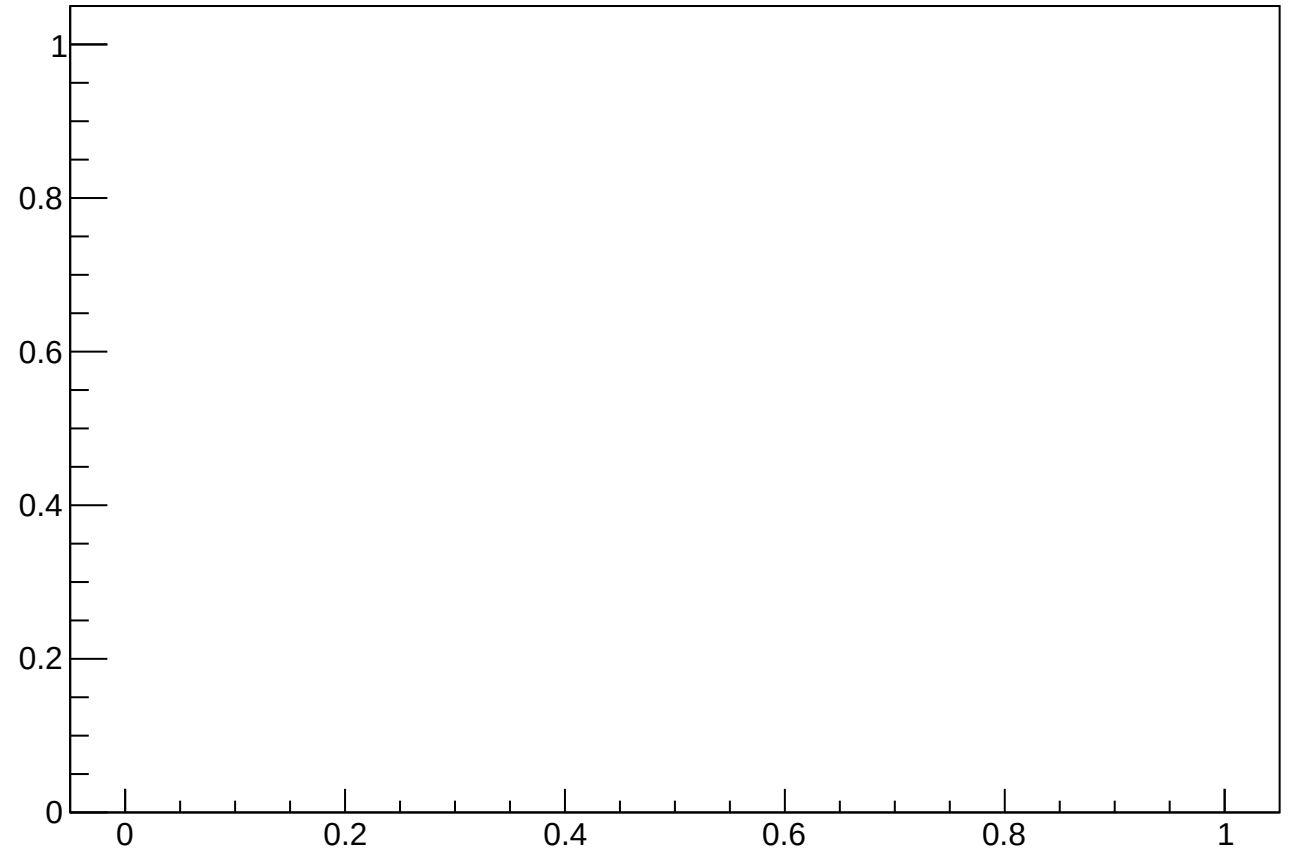
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

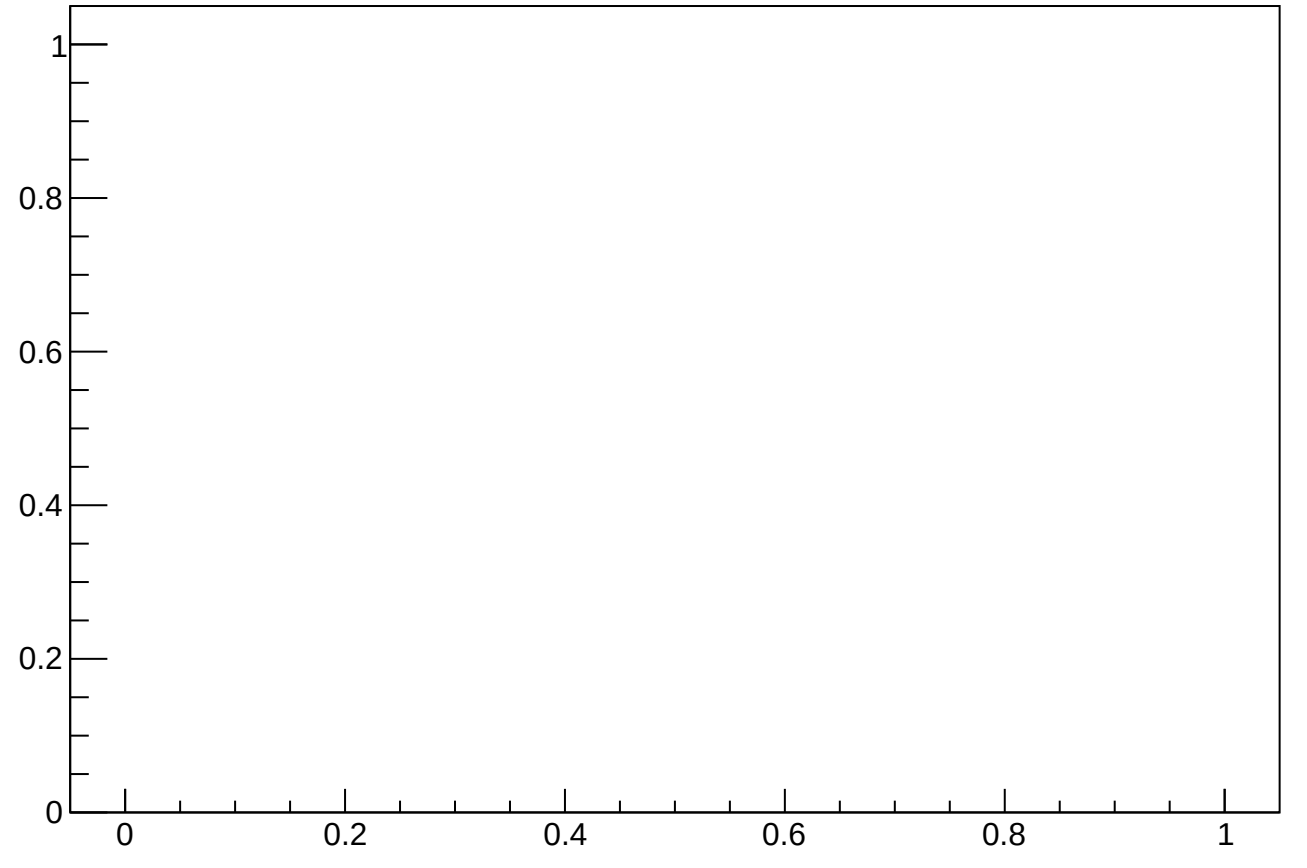
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

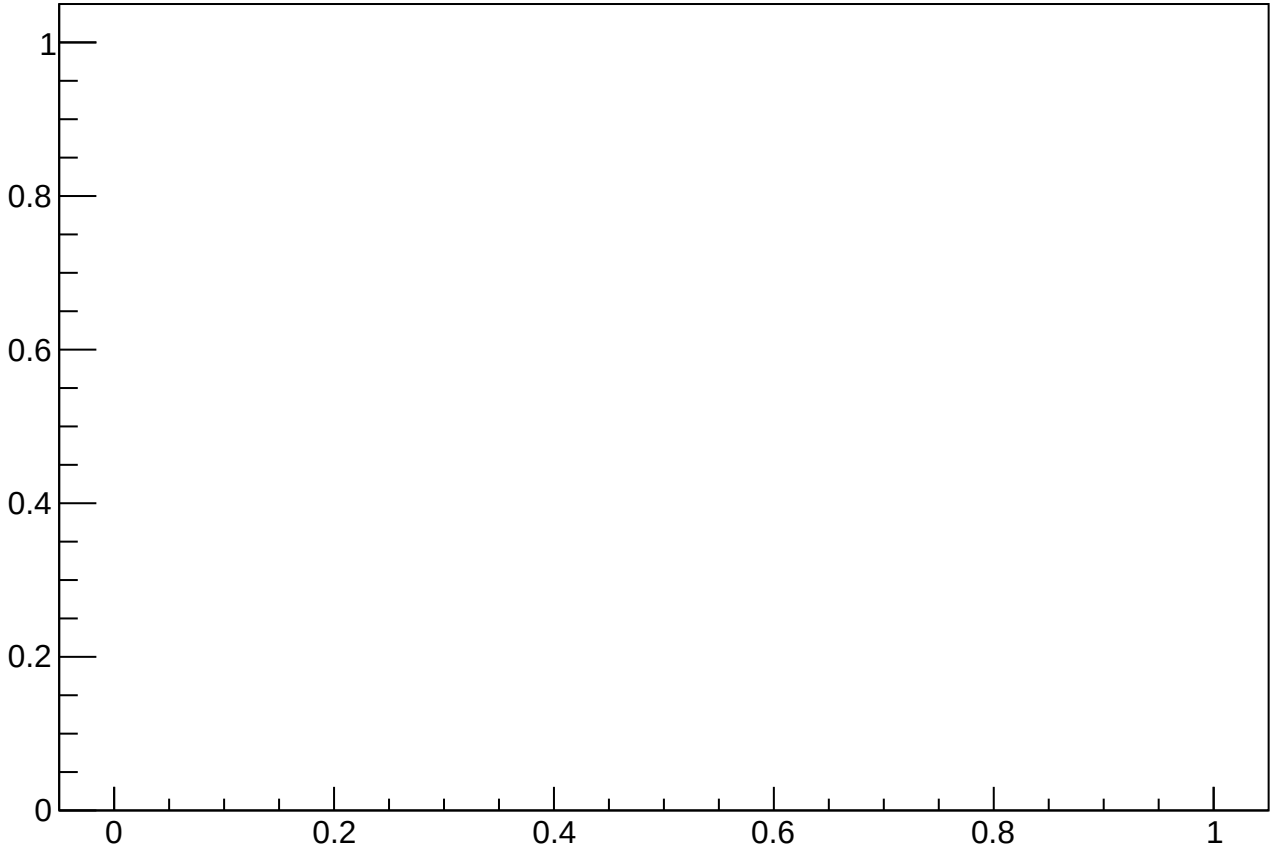
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

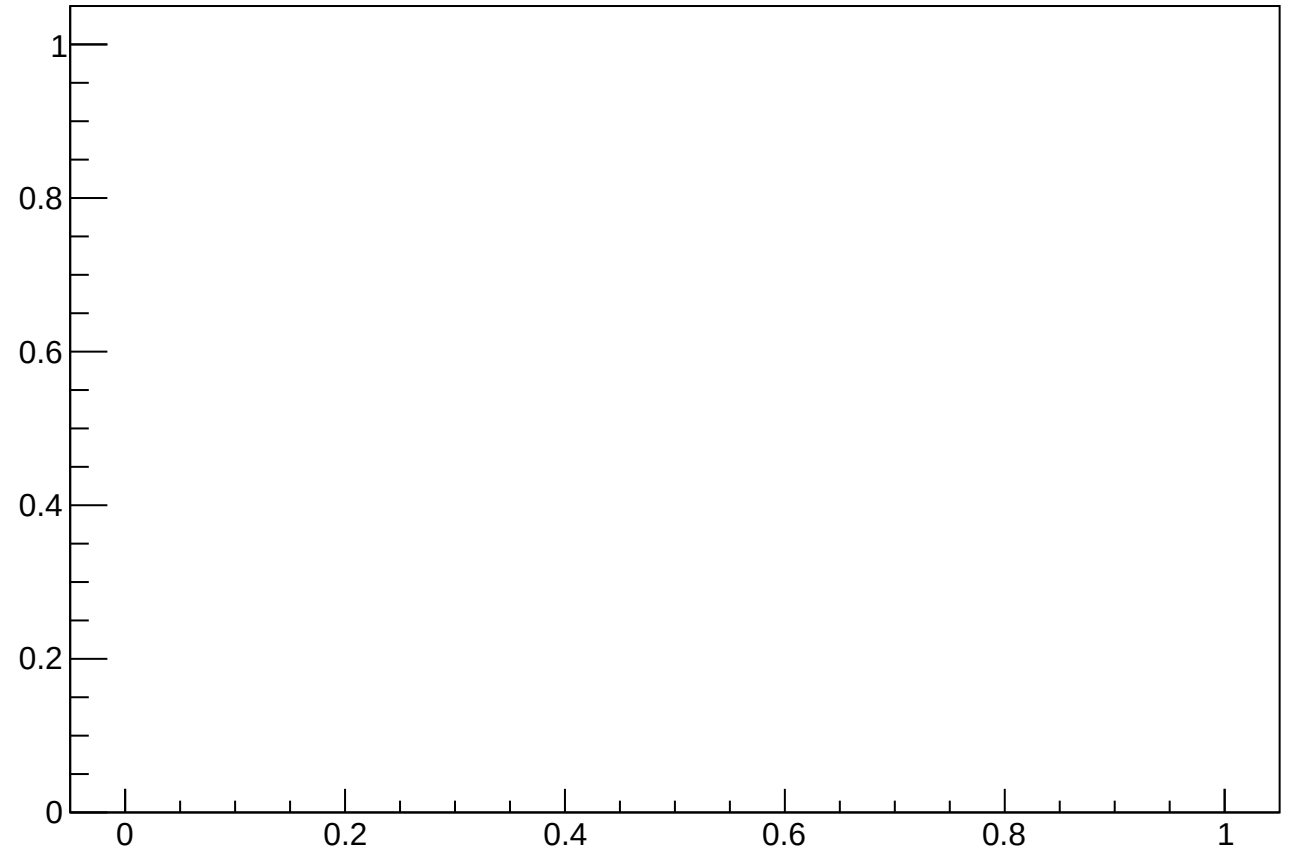
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

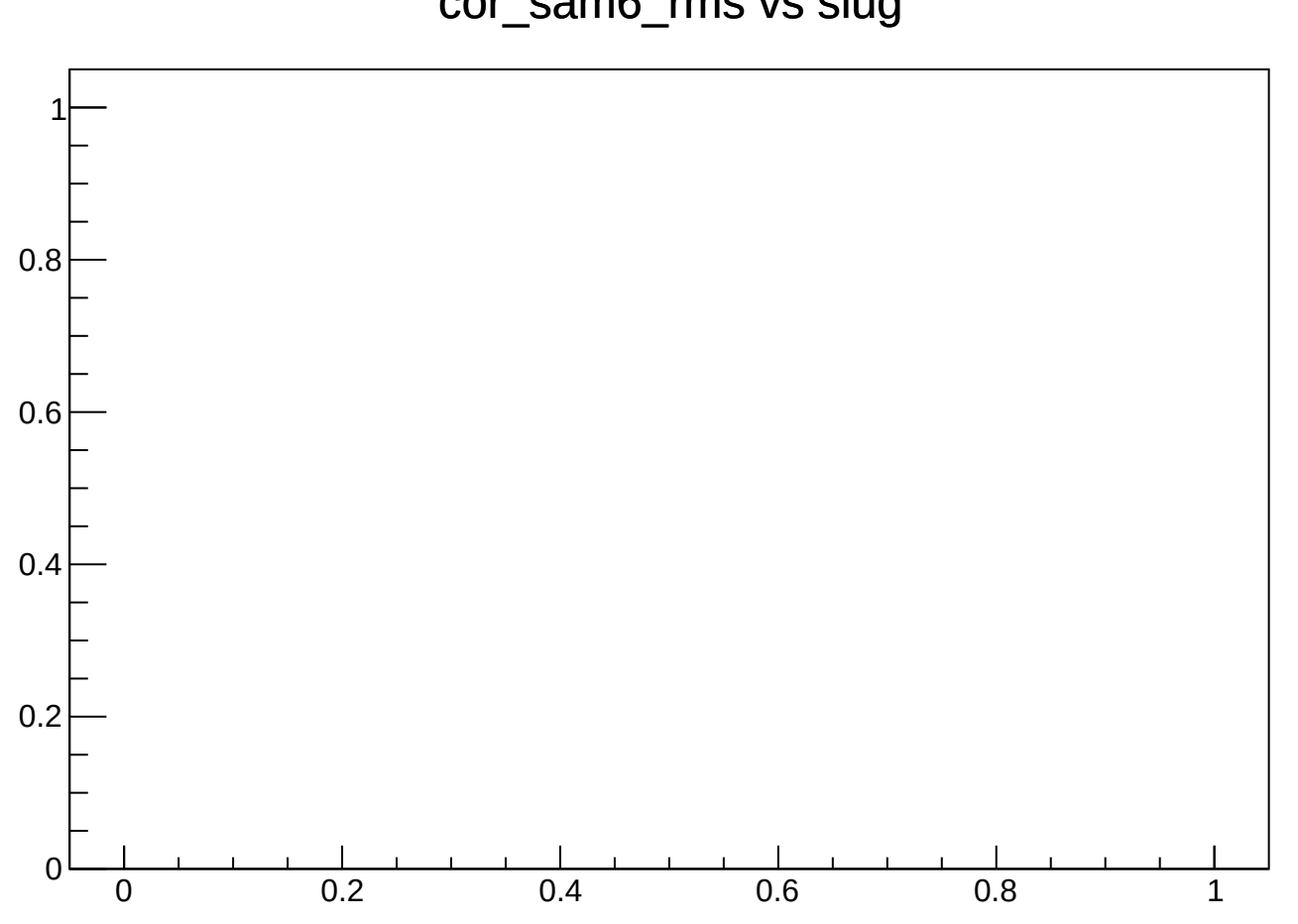
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

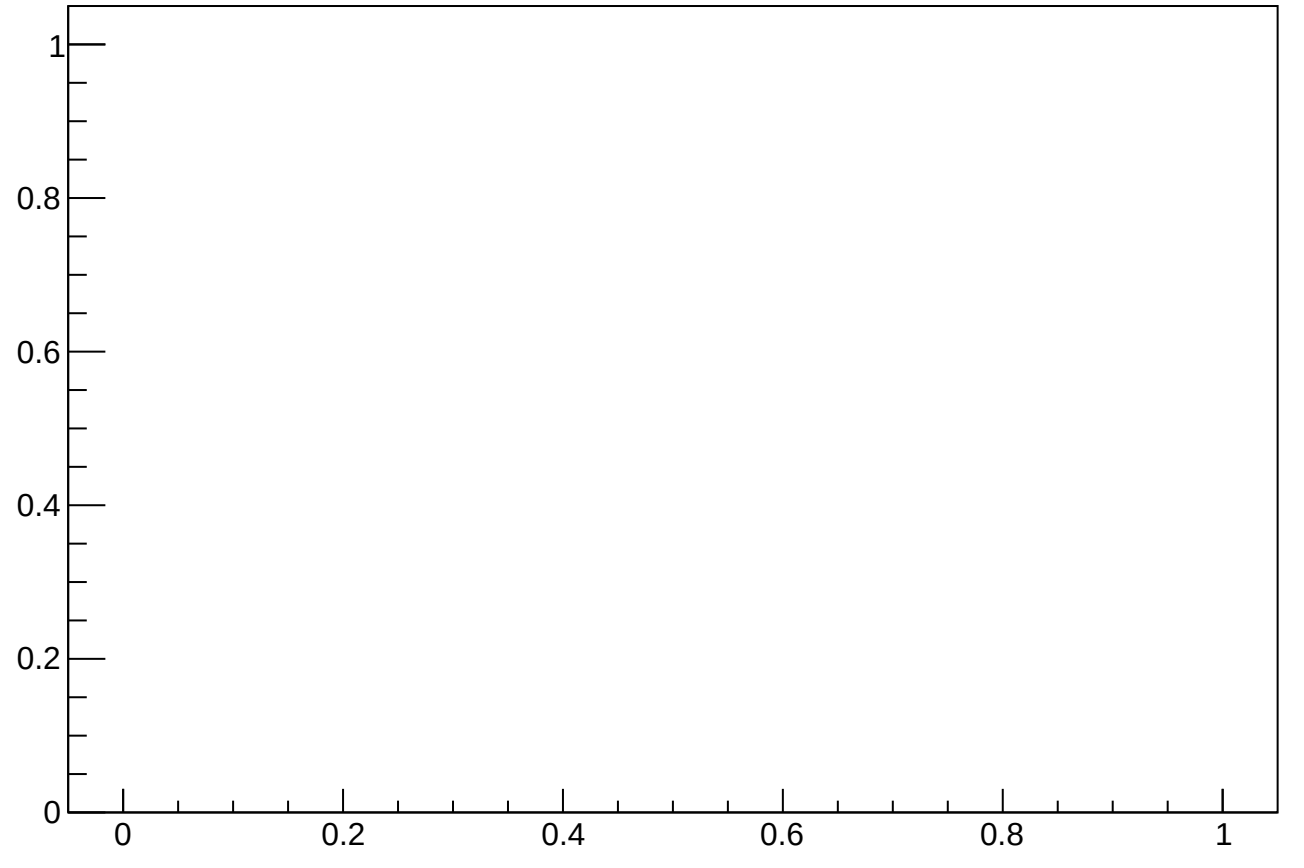
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

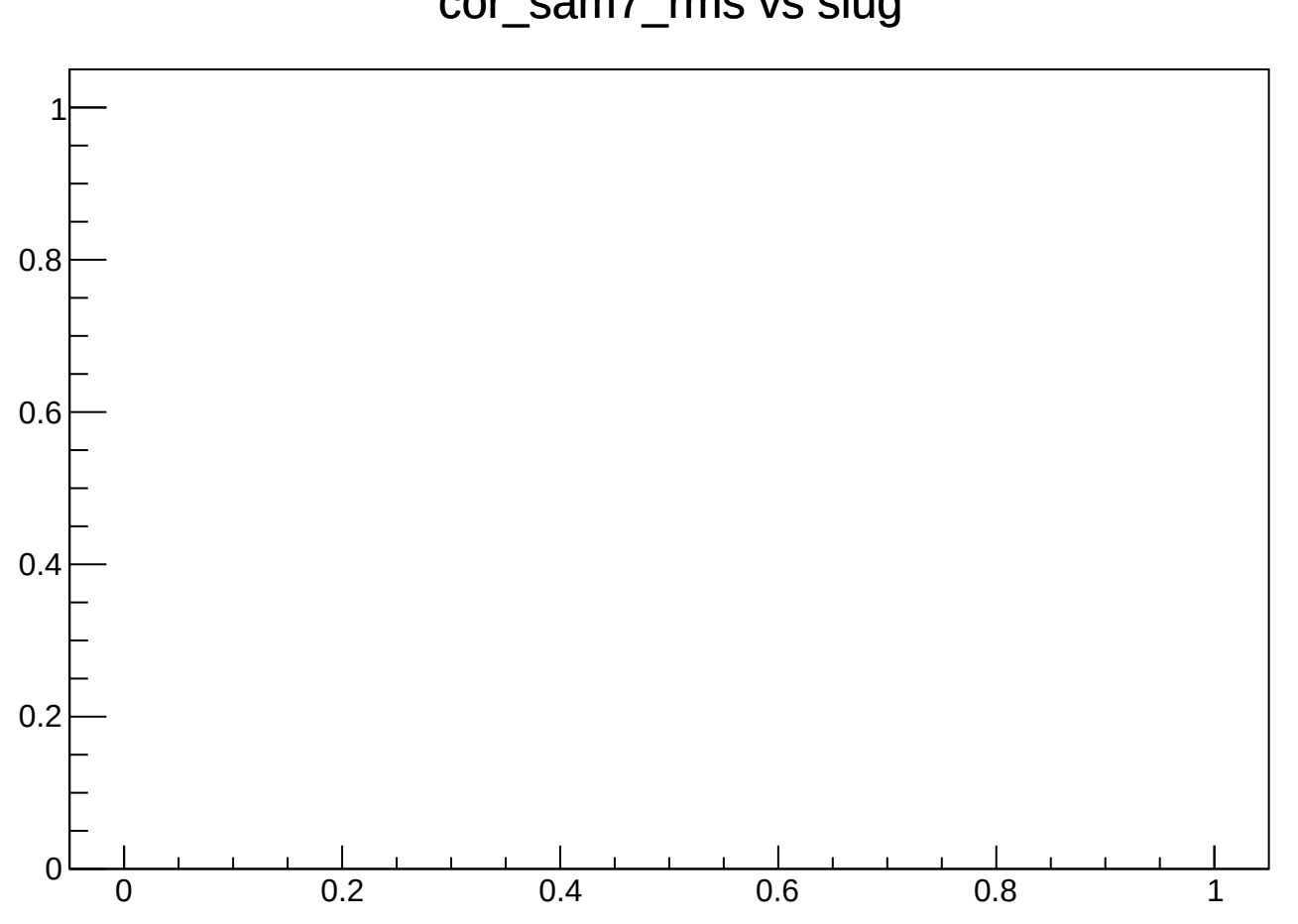
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

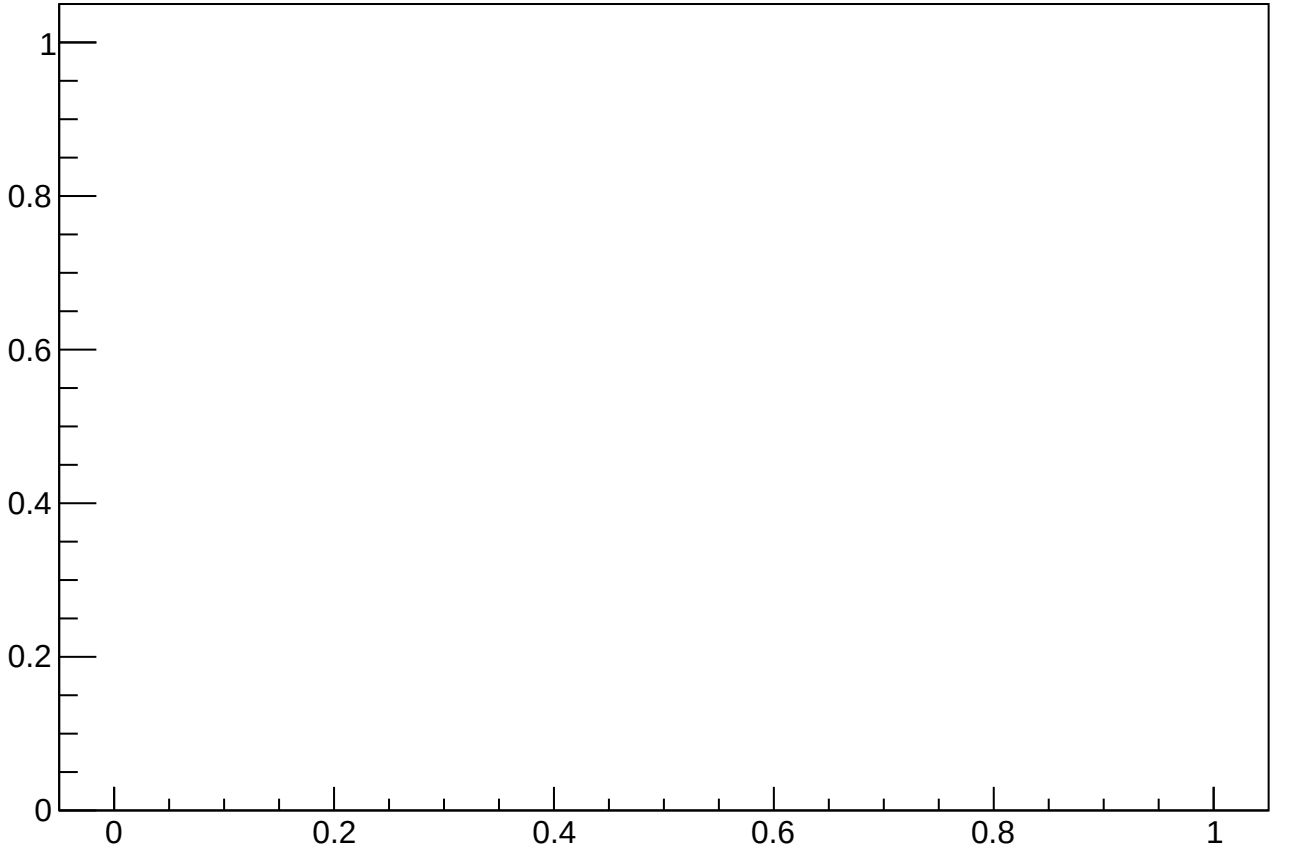
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
0.000+/-0.000 χ²/NDF: 0.0/0
0.000+/-0.000 χ²/NDF: 0.0/0

cor_sam8_mean vs slug



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

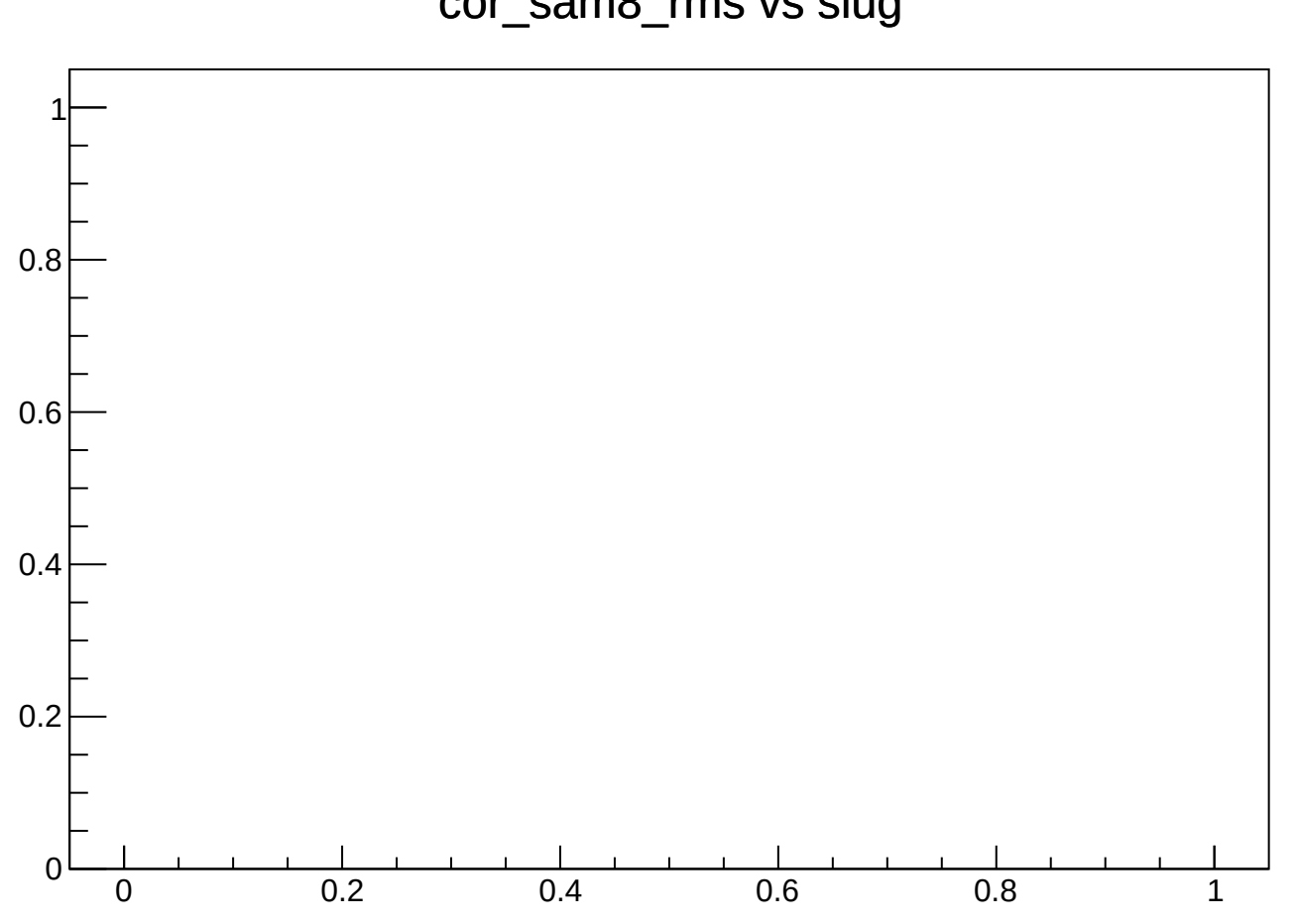
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

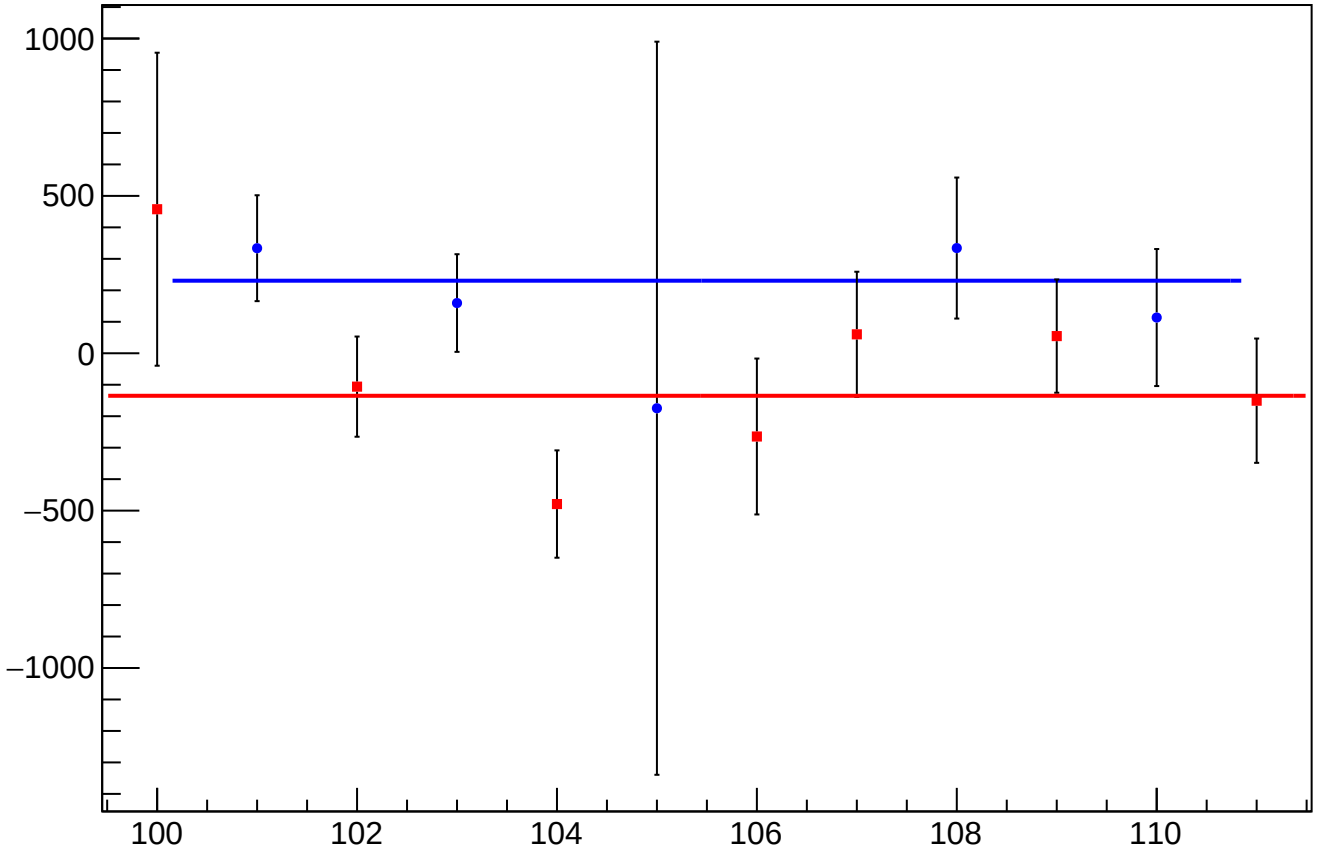
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 230.542+/-91.804 χ^2/NDF: 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

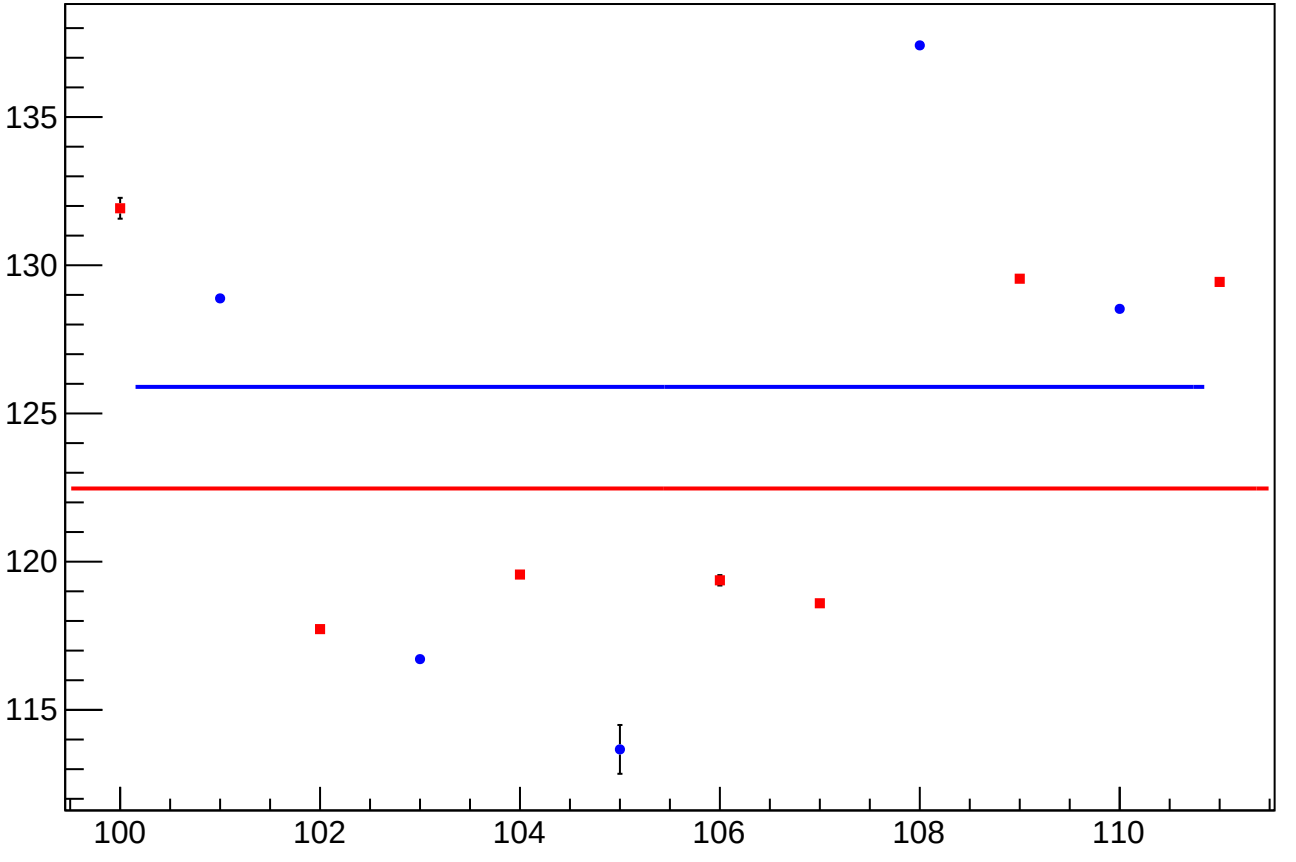
Right Out: -135.097+/-75.379 χ^2/NDF: 7.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

230.542+/-91.804 χ^2/NDF: 1.2/4

-135.097+/-75.379 χ^2/NDF: 7.9/6

reg_asym_sam1_rms vs slug



Right In: 125.897+/-0.065 χ^2/NDF: 13442.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

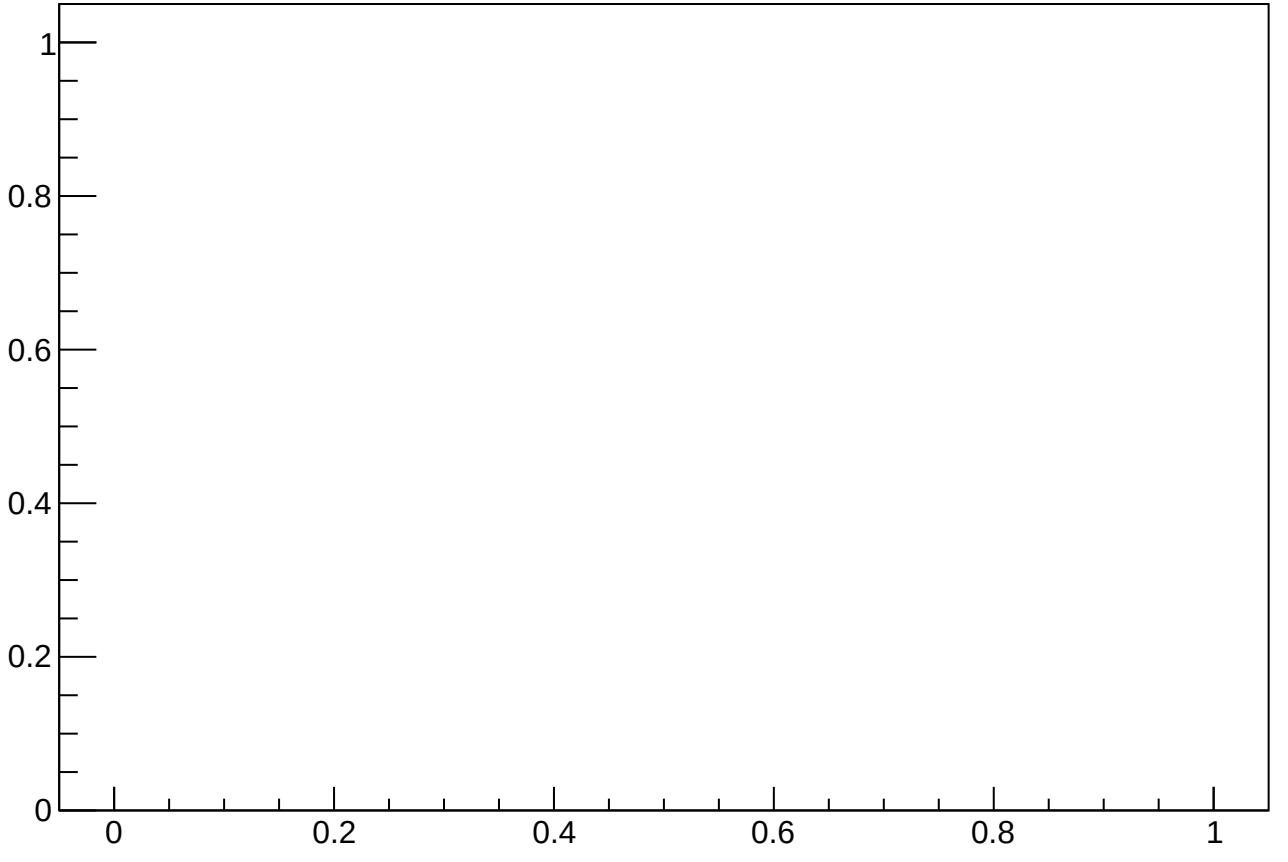
Right Out: 122.469+/-0.053 χ^2/NDF: 9733.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

125.897+/-0.065 χ^2/NDF: 13442.2/4

122.469+/-0.053 χ^2/NDF: 9733.2/6

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

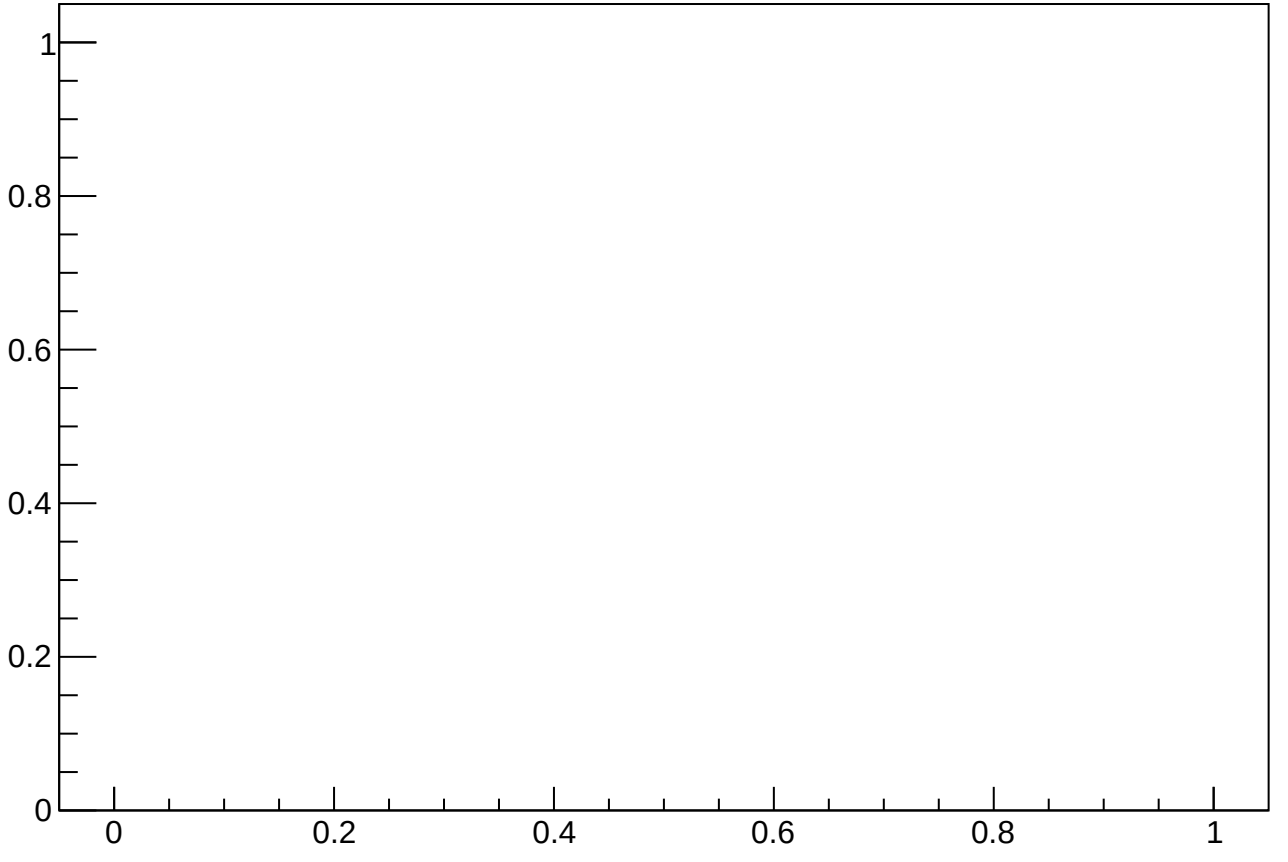
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

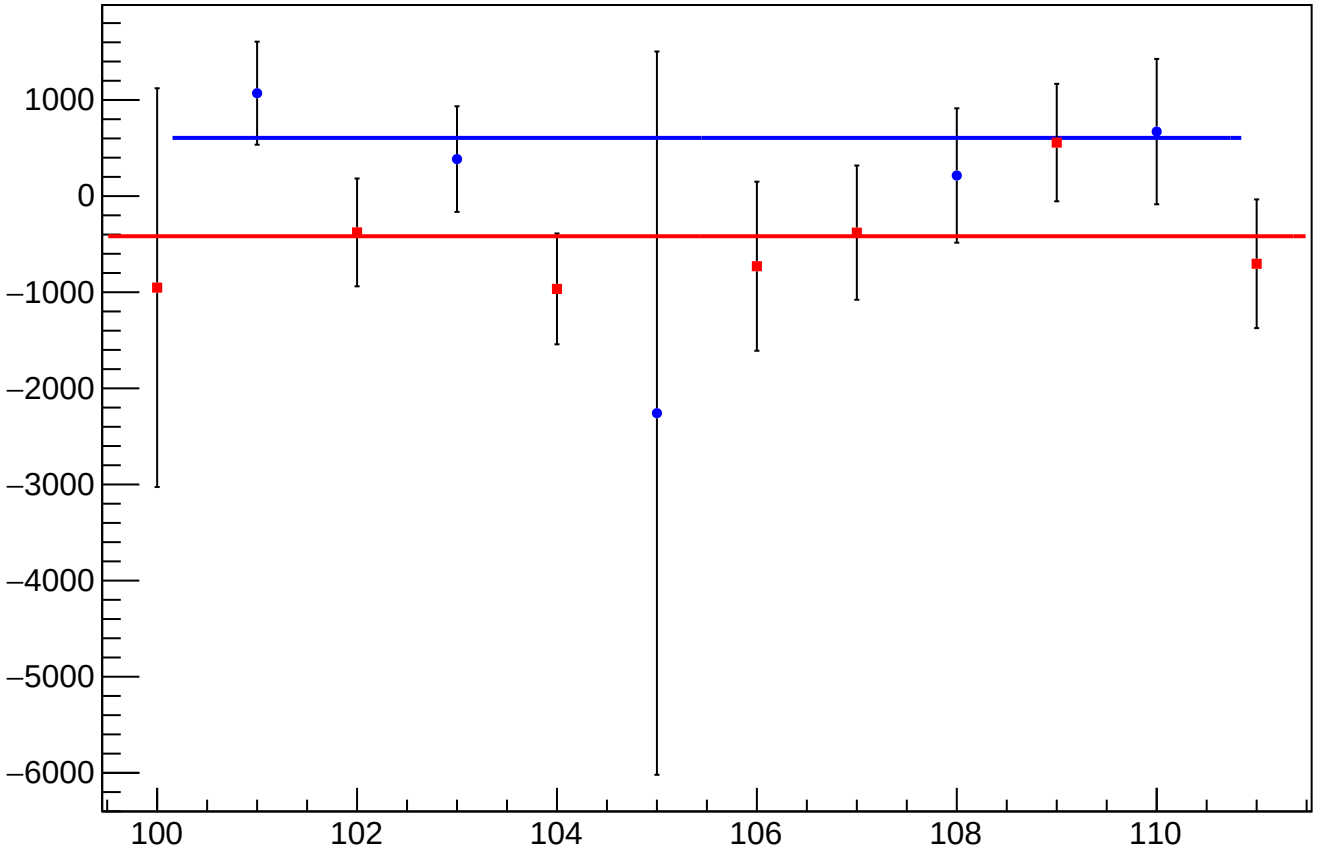
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 605.711+/-306.273 χ^2/NDF: 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

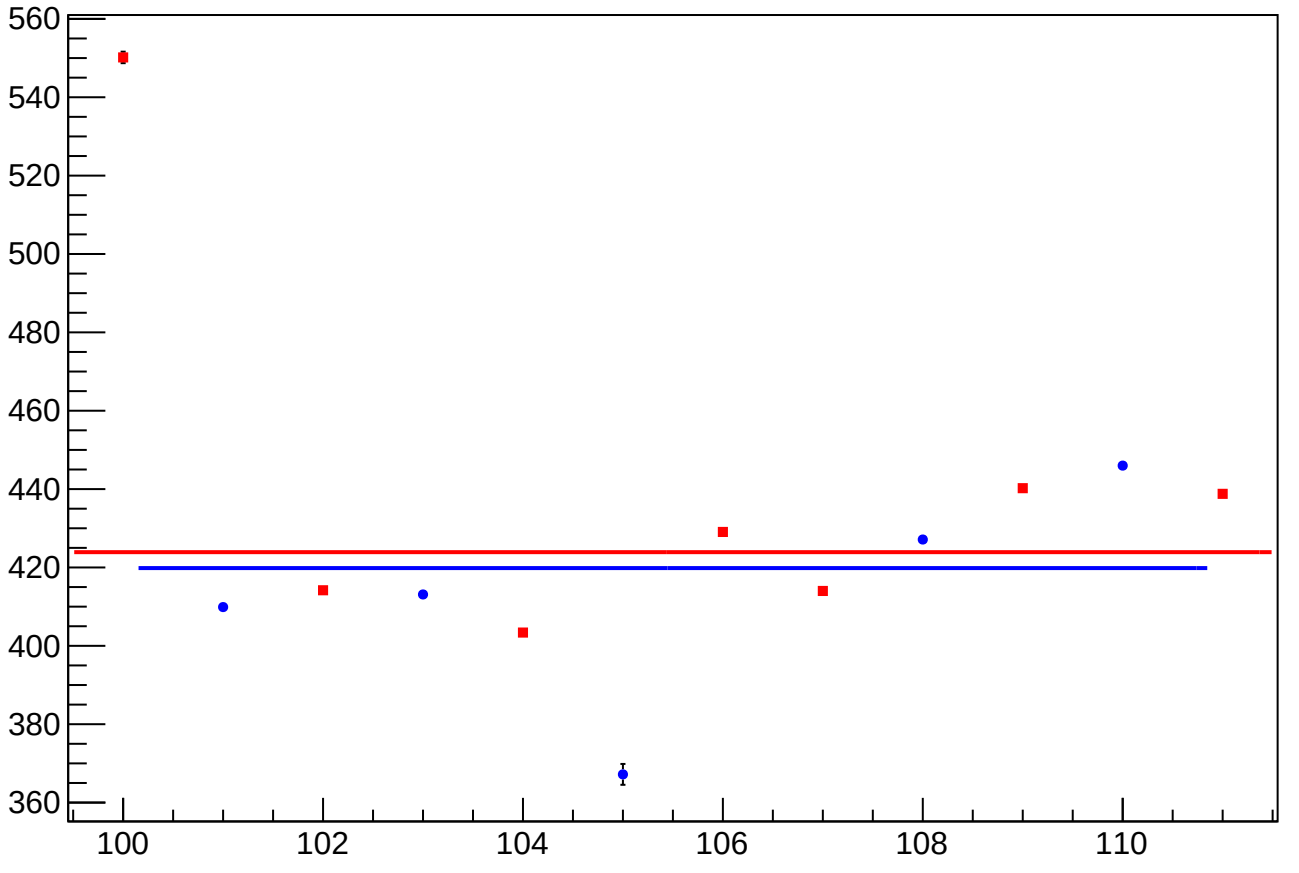
Right Out: -417.539+/-261.073 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

605.711+/-306.273 χ^2/NDF: 1.8/4

-417.539+/-261.073 χ^2/NDF: 3.8/6

reg_asym_sam2_rms vs slug



Right In: 419.842+/-0.217 χ^2/NDF: 3990.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

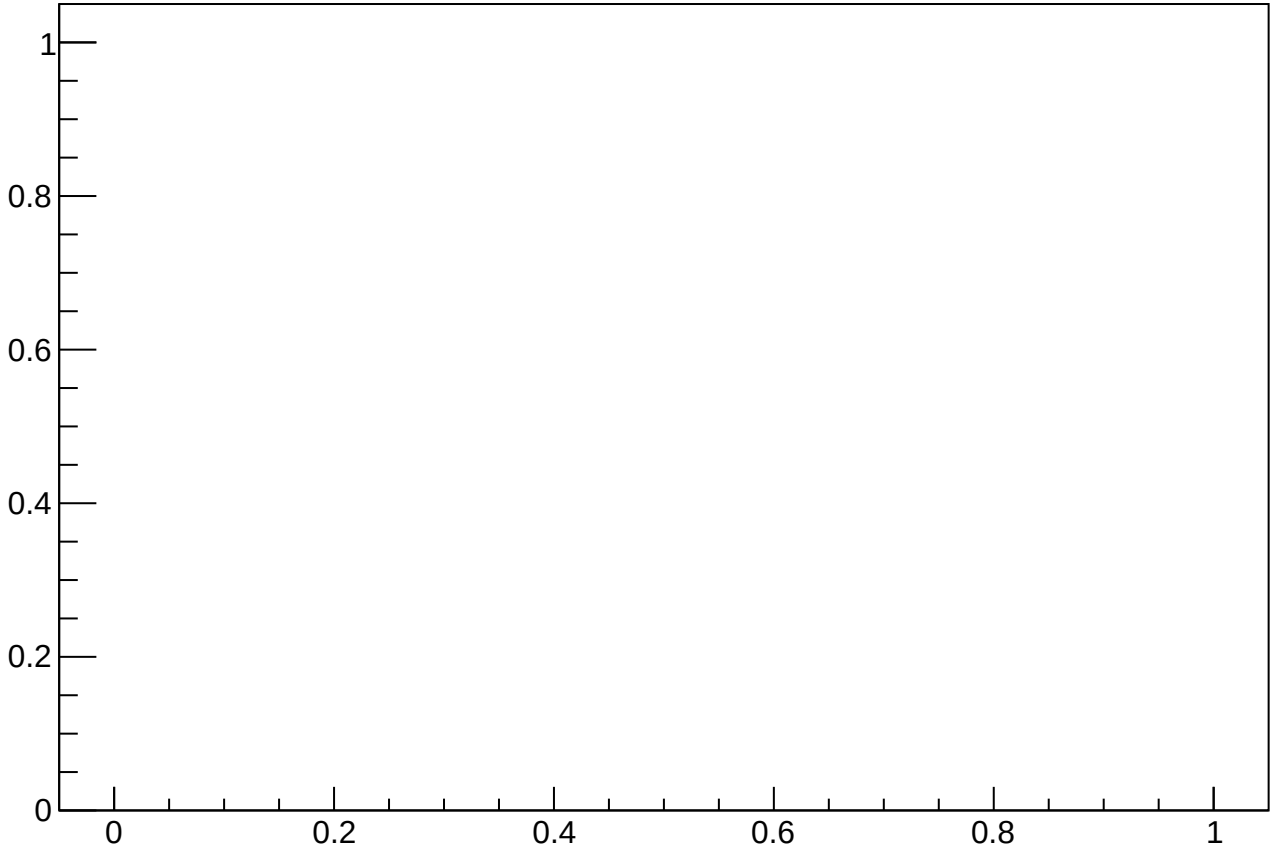
Right Out: 423.906+/-0.185 χ^2/NDF: 13432.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

419.842+/-0.217 χ^2/NDF: 3990.9/4

423.906+/-0.185 χ^2/NDF: 13432.4/6

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

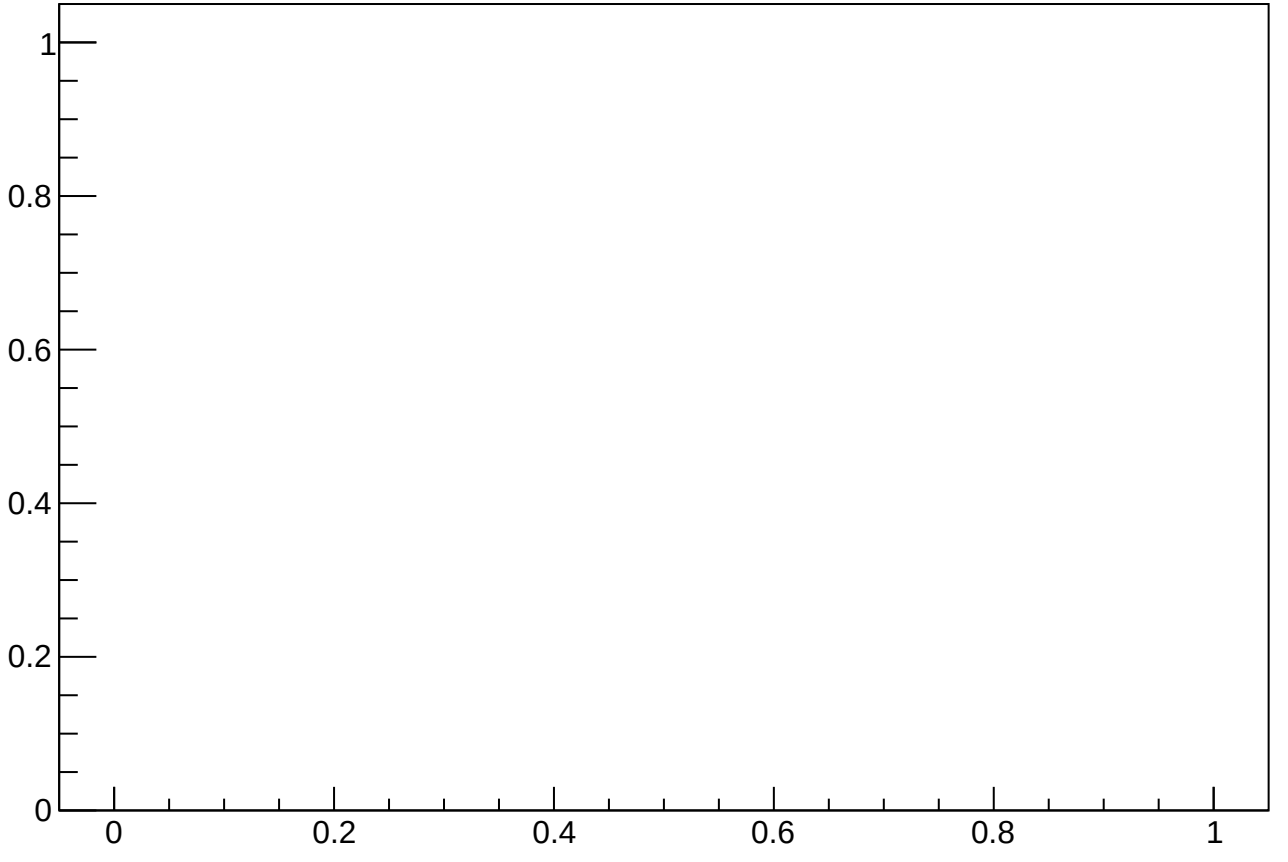
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

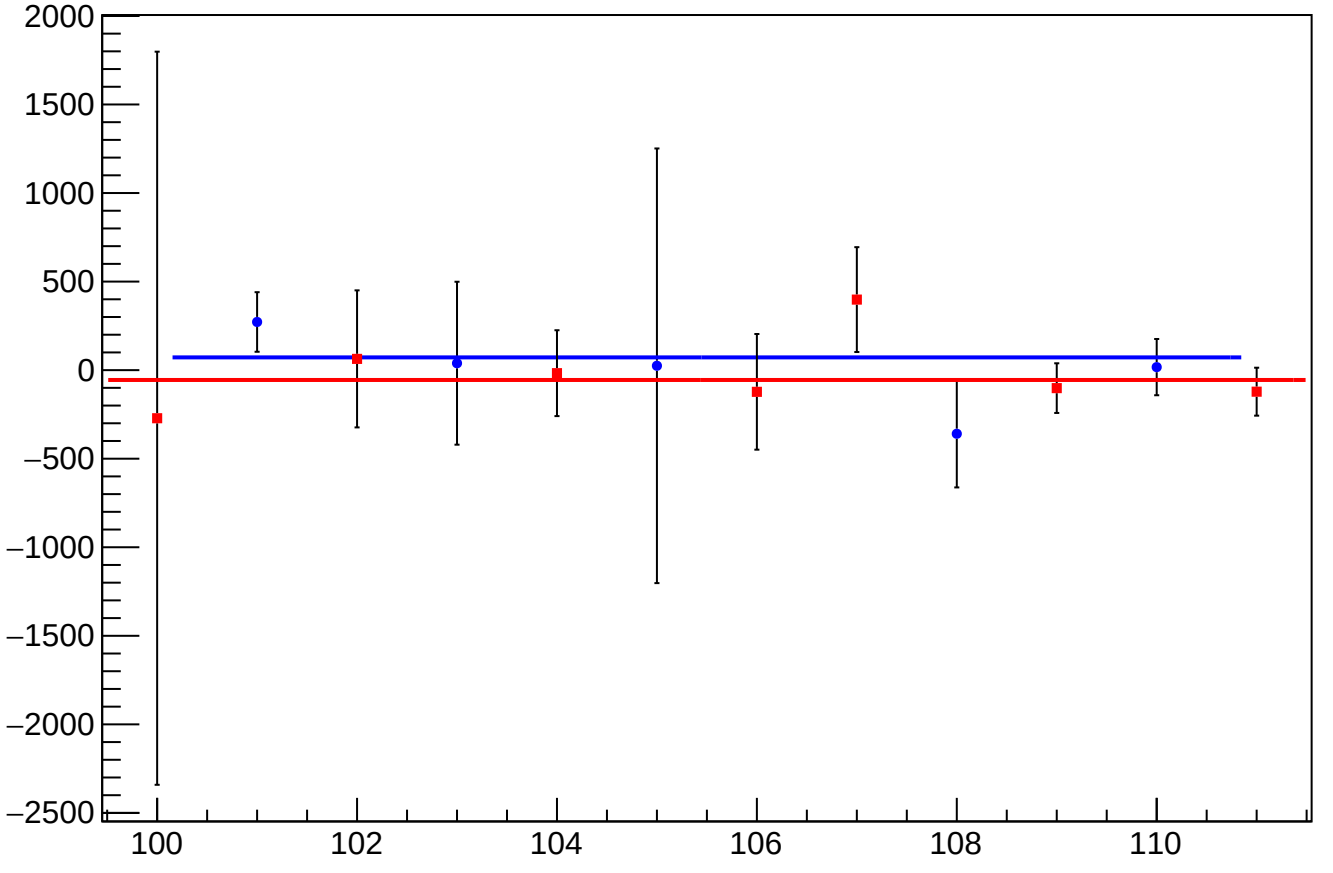
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 72.010+/-104.665 χ^2/NDF: 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

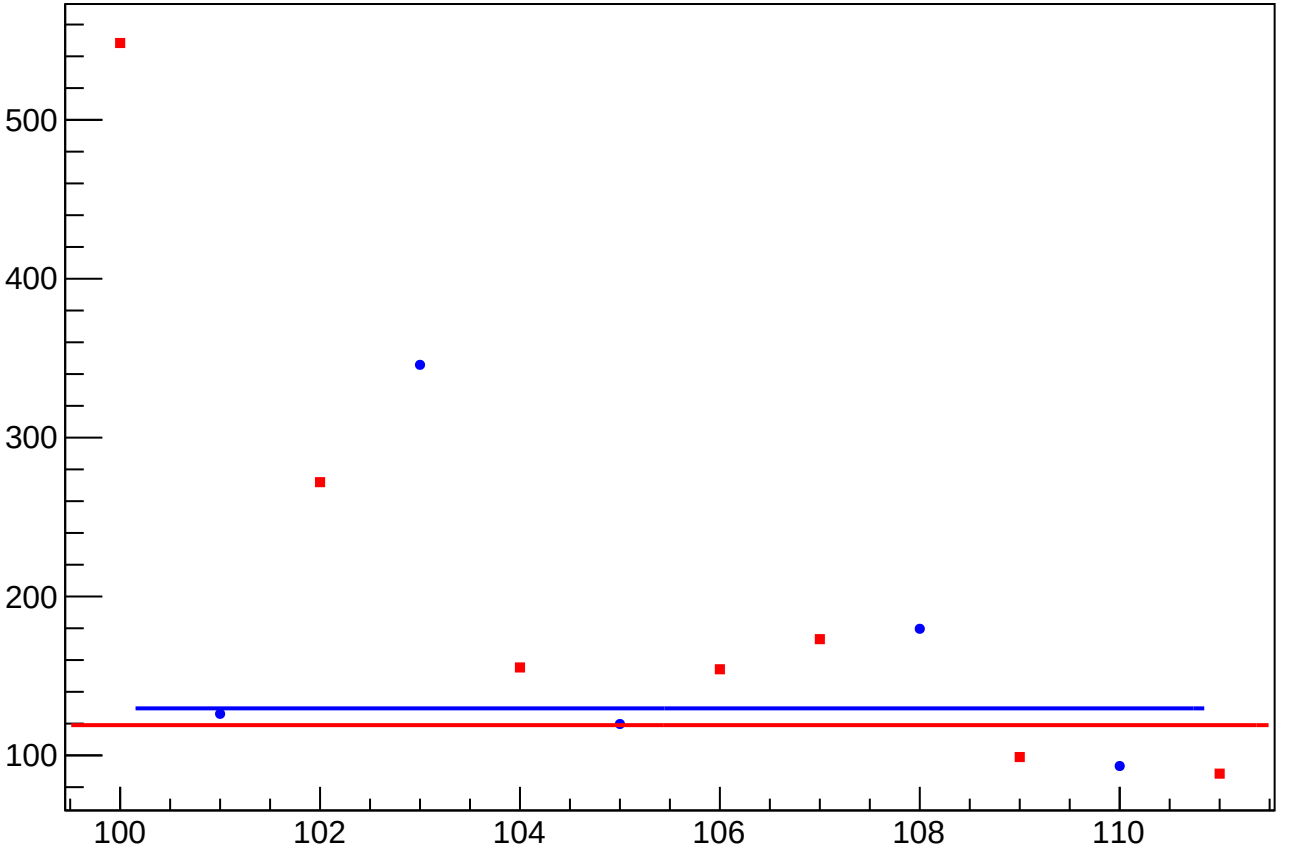
Right Out: -55.527+/-81.606 χ^2/NDF: 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

72.010+/-104.665 χ^2/NDF: 3.6/4

-55.527+/-81.606 χ^2/NDF: 2.9/6

reg_asym_sam3_rms vs slug



Right In: 129.595+/-0.074 χ^2/NDF: 602033.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

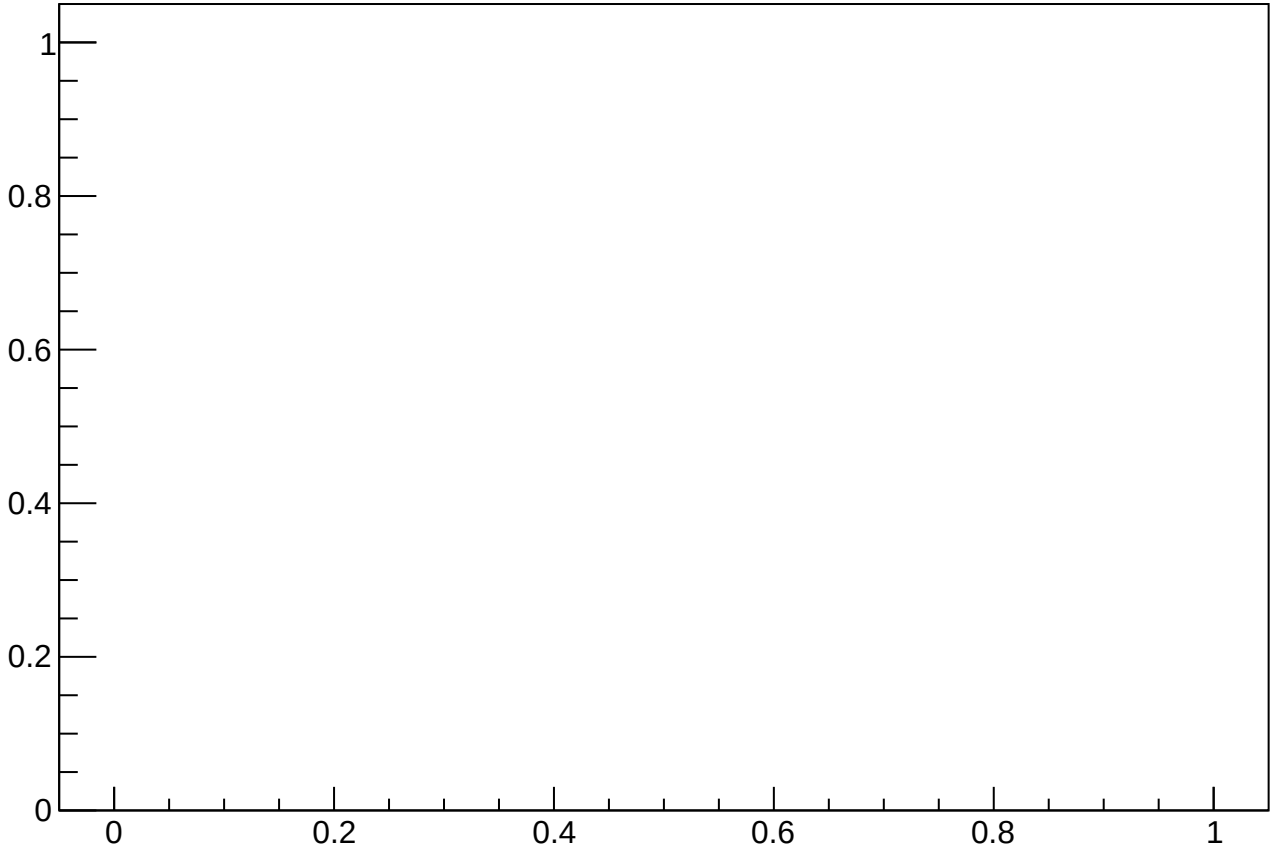
Right Out: 119.029+/-0.058 χ^2/NDF: 676242.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

129.595+/-0.074 χ^2/NDF: 602033.7/4

119.029+/-0.058 χ^2/NDF: 676242.0/6

asym_sam3_correction_mean vs slug



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

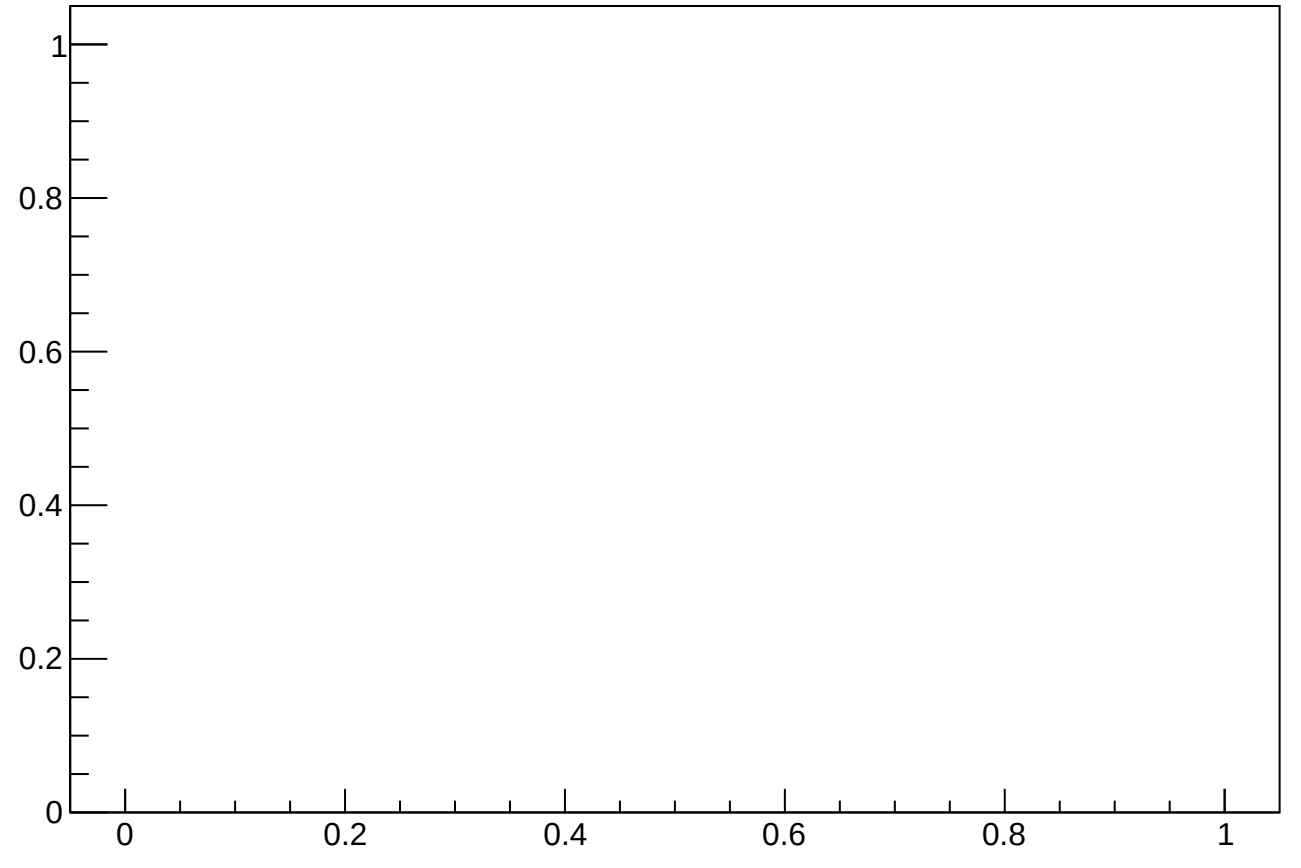
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

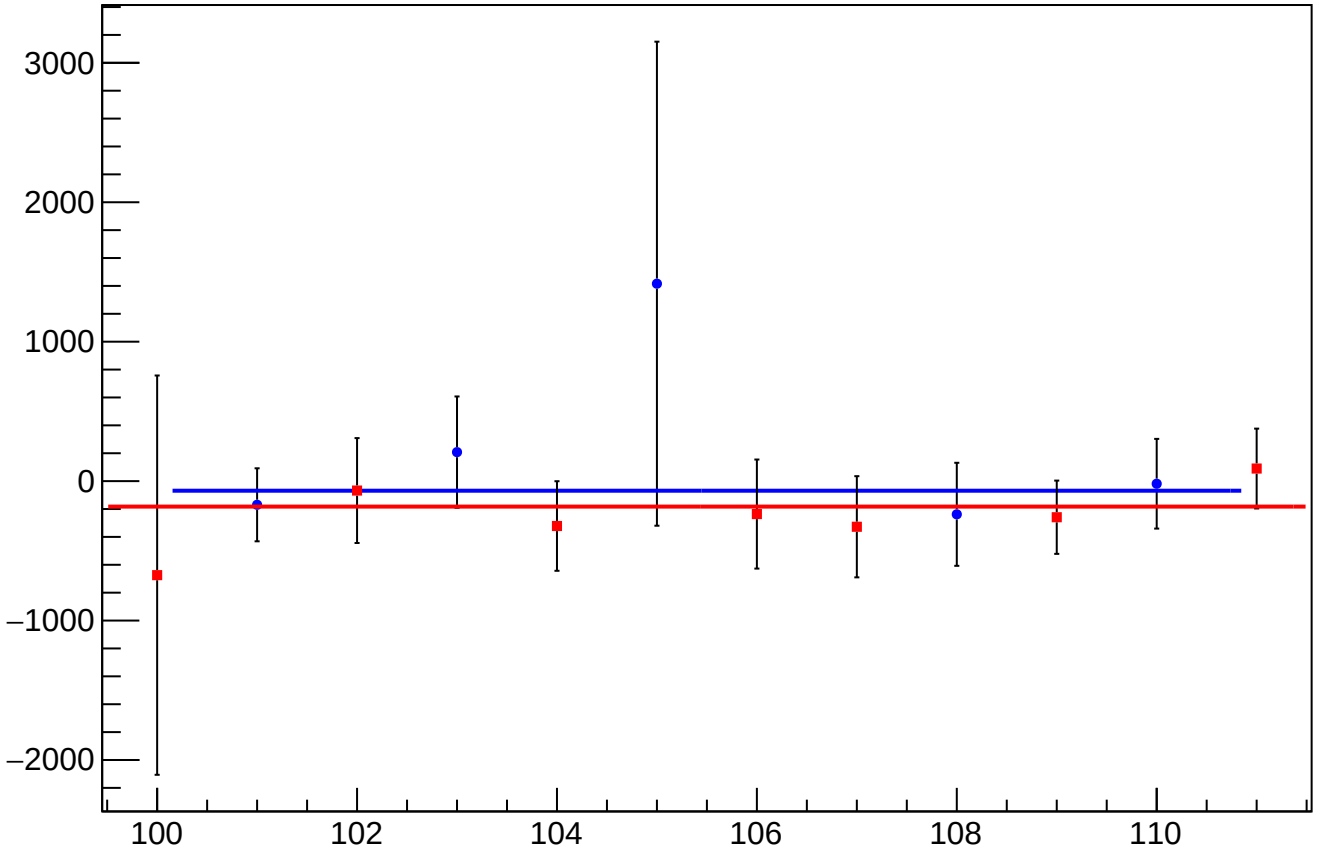
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: -68.784+/-161.832 χ^2/NDF: 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

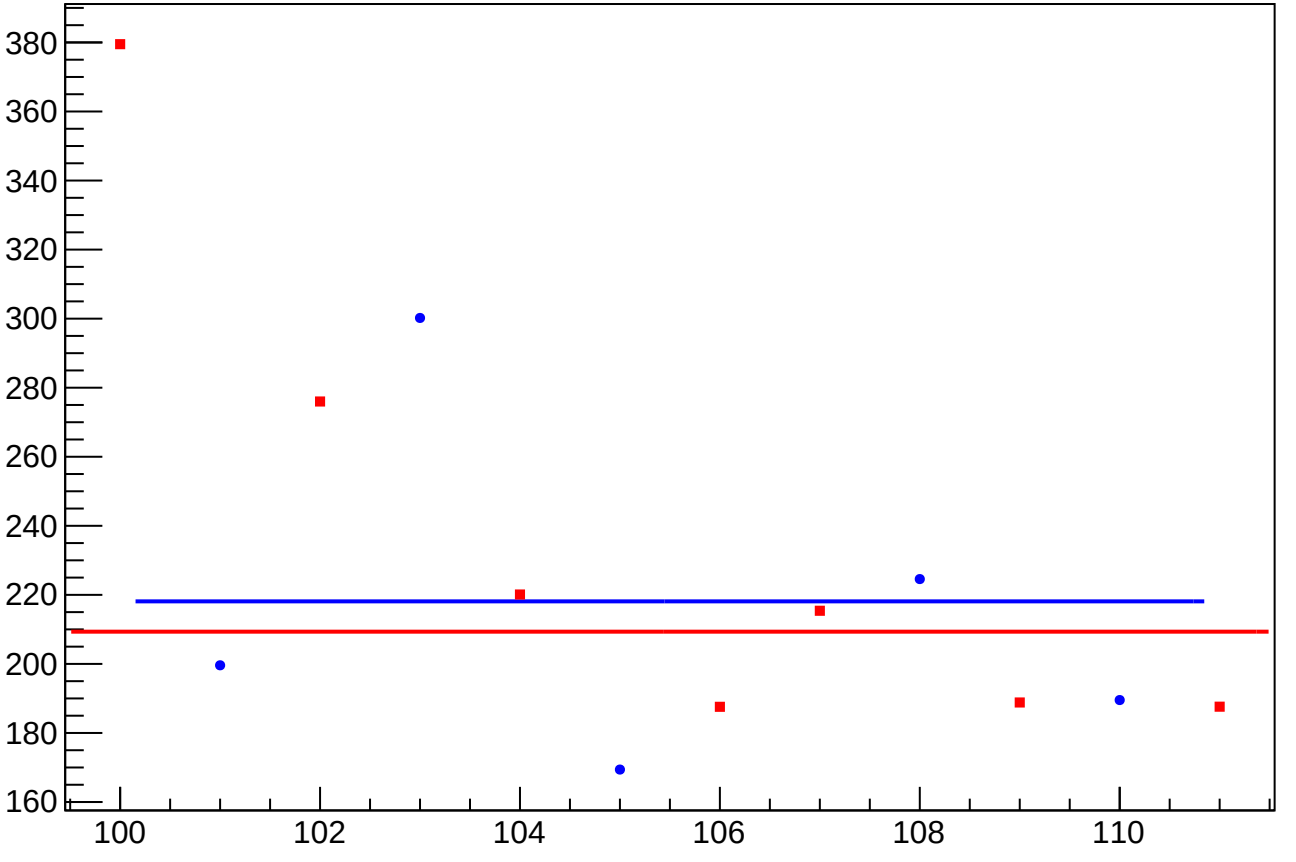
Right Out: -182.669+/-131.233 χ^2/NDF: 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-68.784+/-161.832 χ^2/NDF: 1.6/4

-182.669+/-131.233 χ^2/NDF: 1.6/6

reg_asym_sam4_rms vs slug



Right In: 218.117+/-0.114 χ^2/NDF: 112564.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

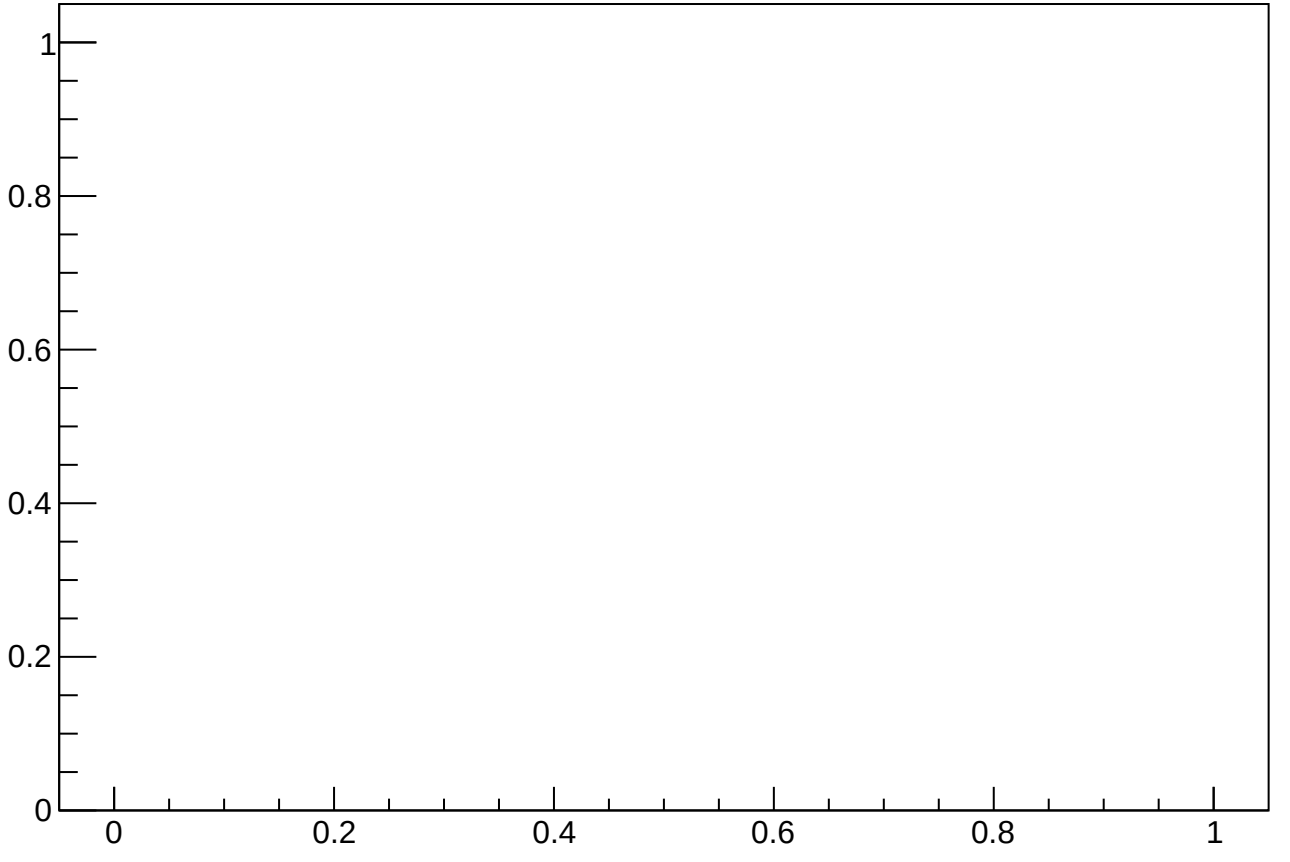
Right Out: 209.339+/-0.093 χ^2/NDF: 123765.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

218.117+/-0.114 χ^2/NDF: 112564.0/4

209.339+/-0.093 χ^2/NDF: 123765.2/6

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

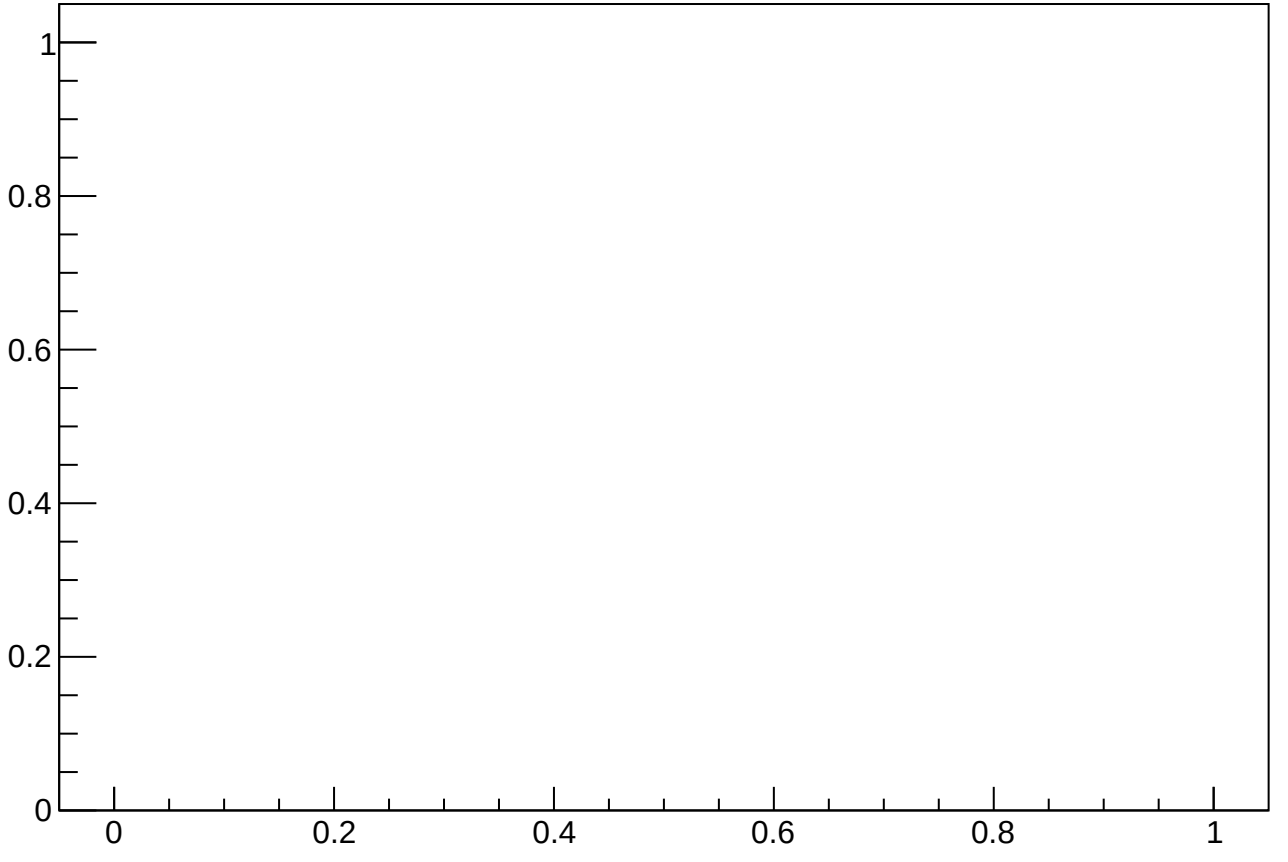
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

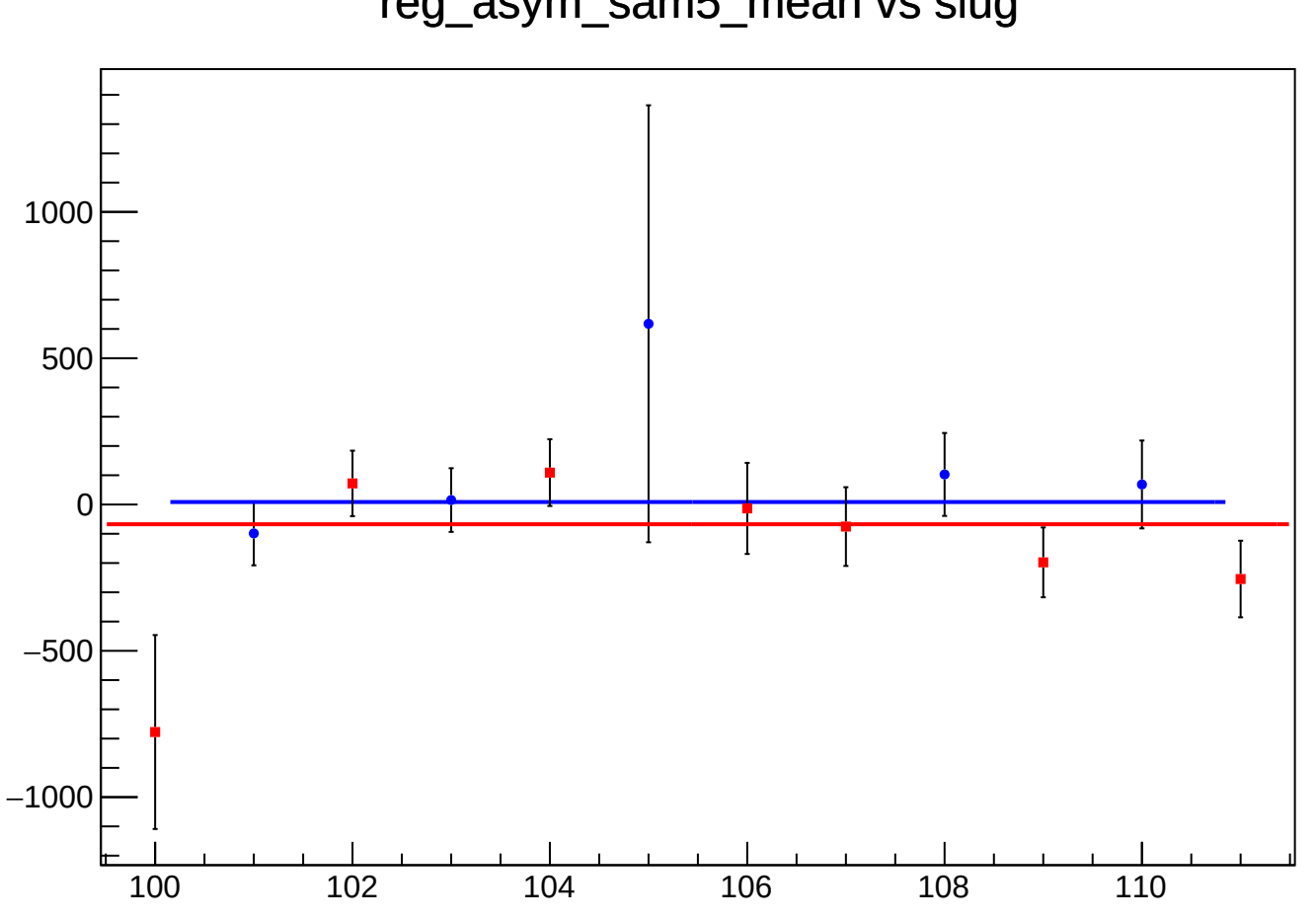
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: 8.562+/-61.489 χ^2/NDF: 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

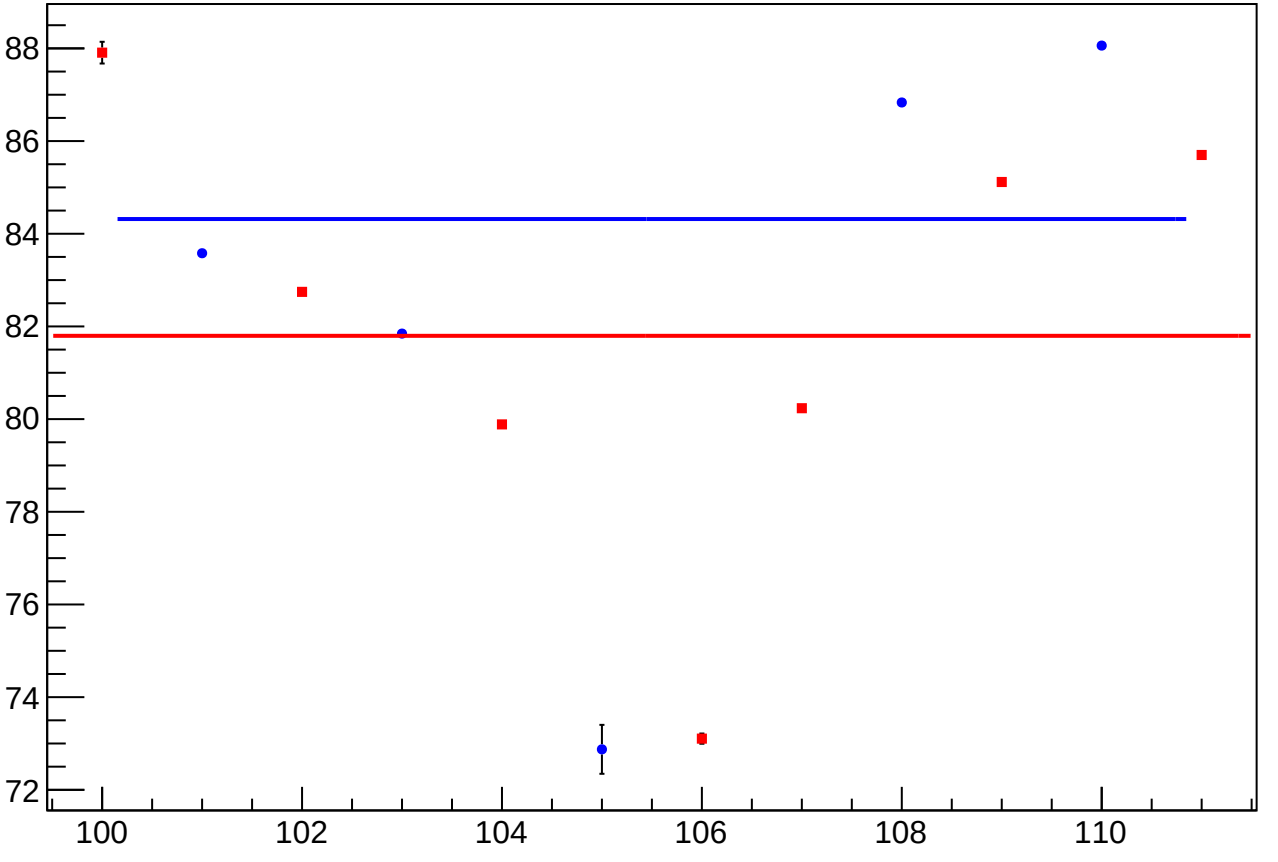
Right Out: -67.434+/-50.565 χ^2/NDF: 11.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

8.562+/-61.489 χ^2/NDF: 2.2/4

-67.434+/-50.565 χ^2/NDF: 11.9/6

reg_asym_sam5_rms vs slug



Right In: 84.318+/-0.043 χ^2/NDF: 3467.4/4

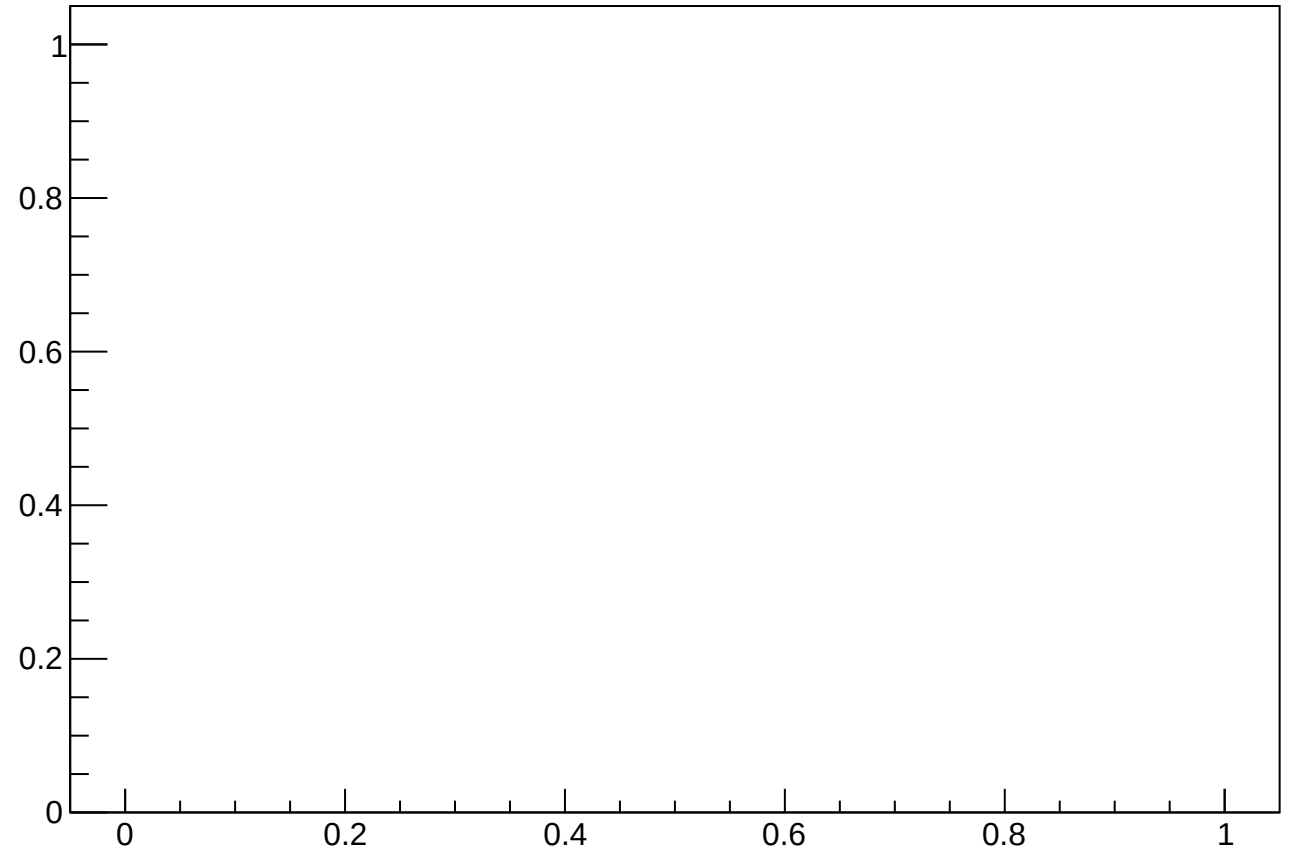
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 81.797+/-0.036 χ^2/NDF: 11215.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

84.318+/-0.043 χ^2/NDF: 3467.4/4

81.797+/-0.036 χ^2/NDF: 11215.8/6



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

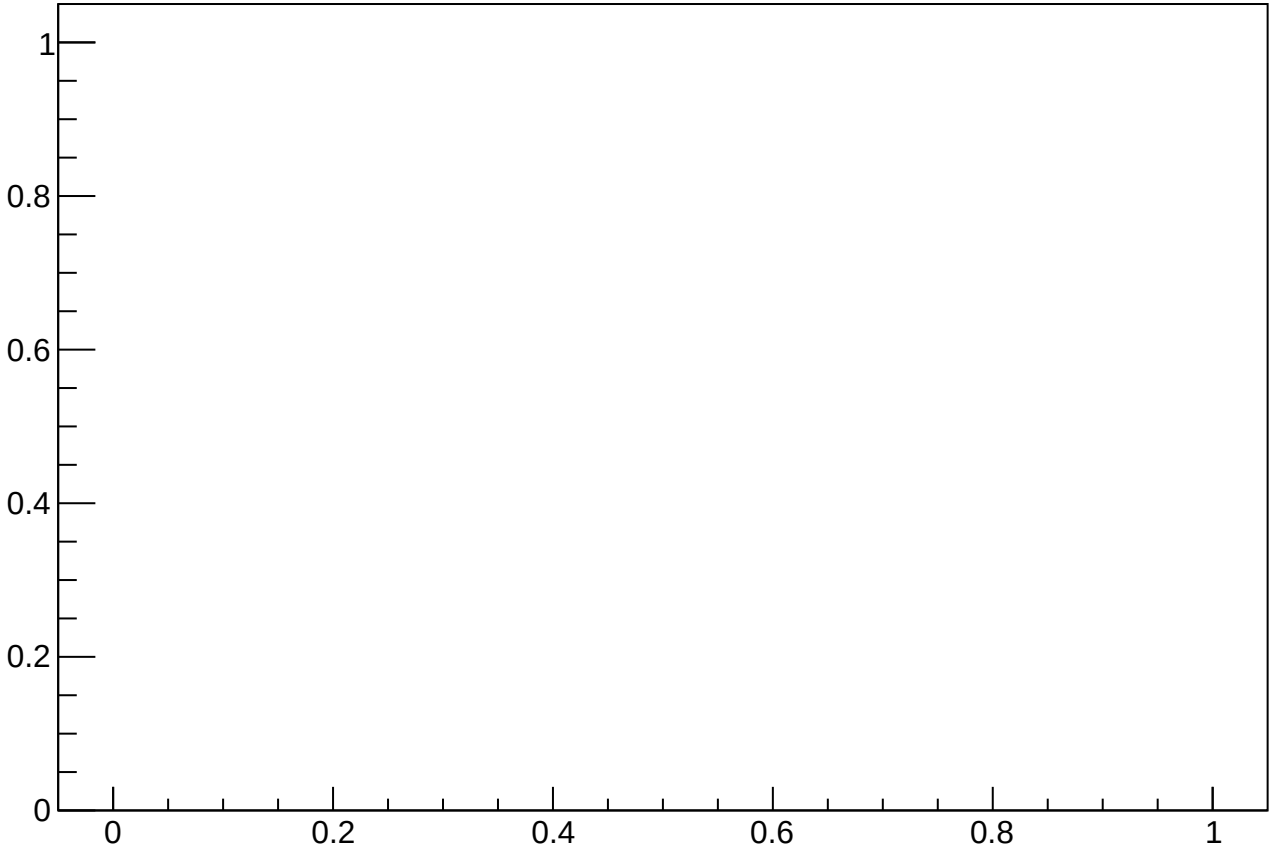
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

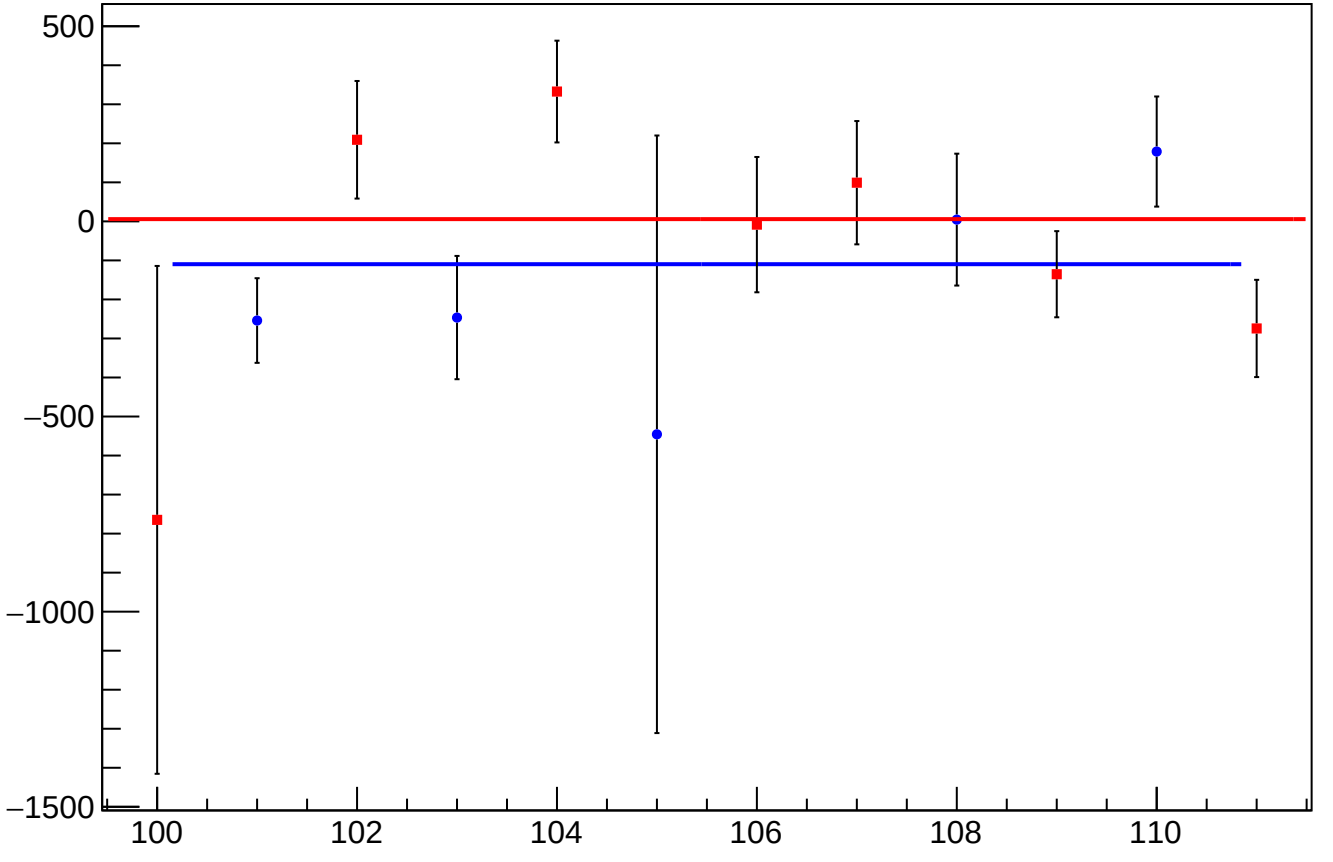
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: -109.687+/-68.663 χ^2/NDF: 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

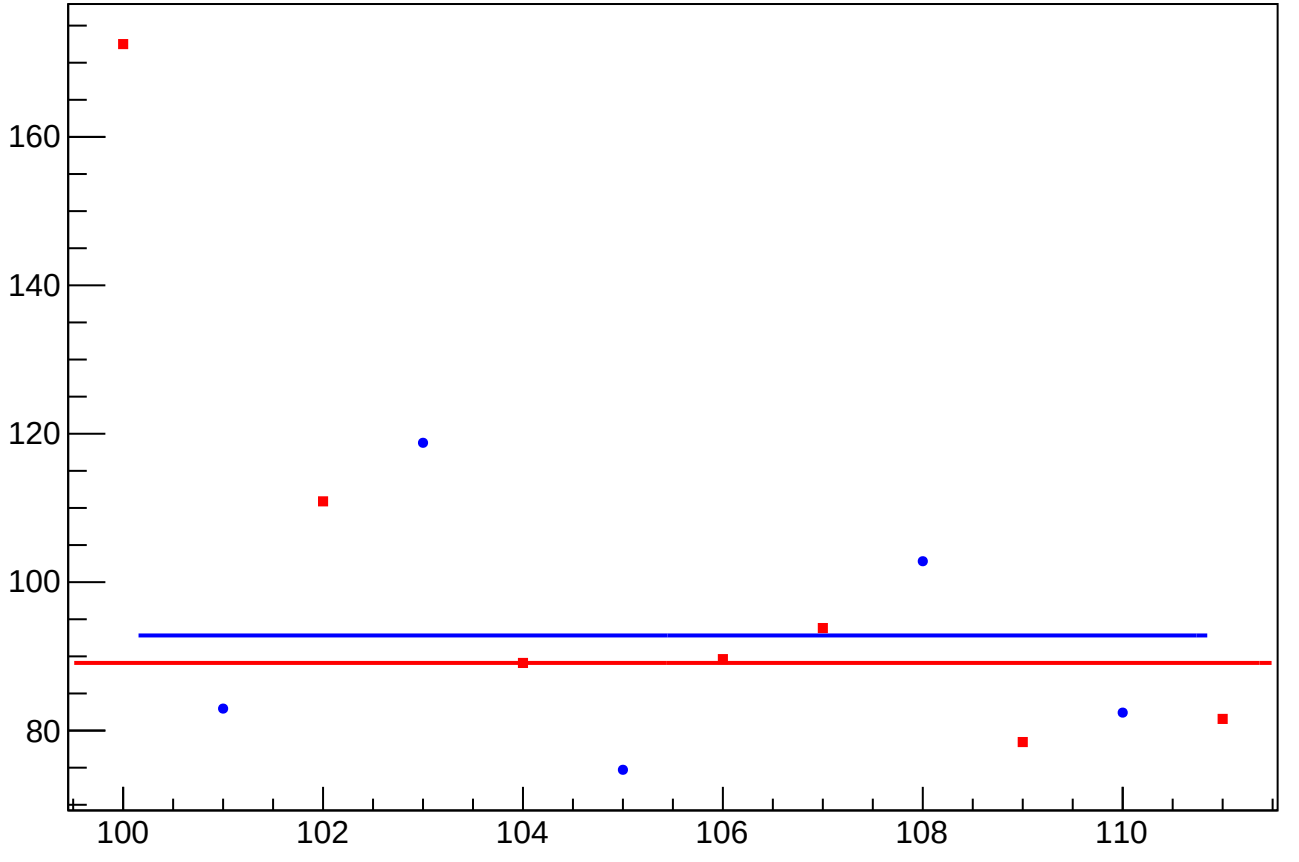
Right Out: 5.792+/-55.459 χ^2/NDF: 16.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-109.687+/-68.663 χ^2/NDF: 7.5/4

5.792+/-55.459 χ^2/NDF: 16.6/6

reg_asym_sam6_rms vs slug



Right In: 92.818+/-0.049 χ^2/NDF: 89556.6/4

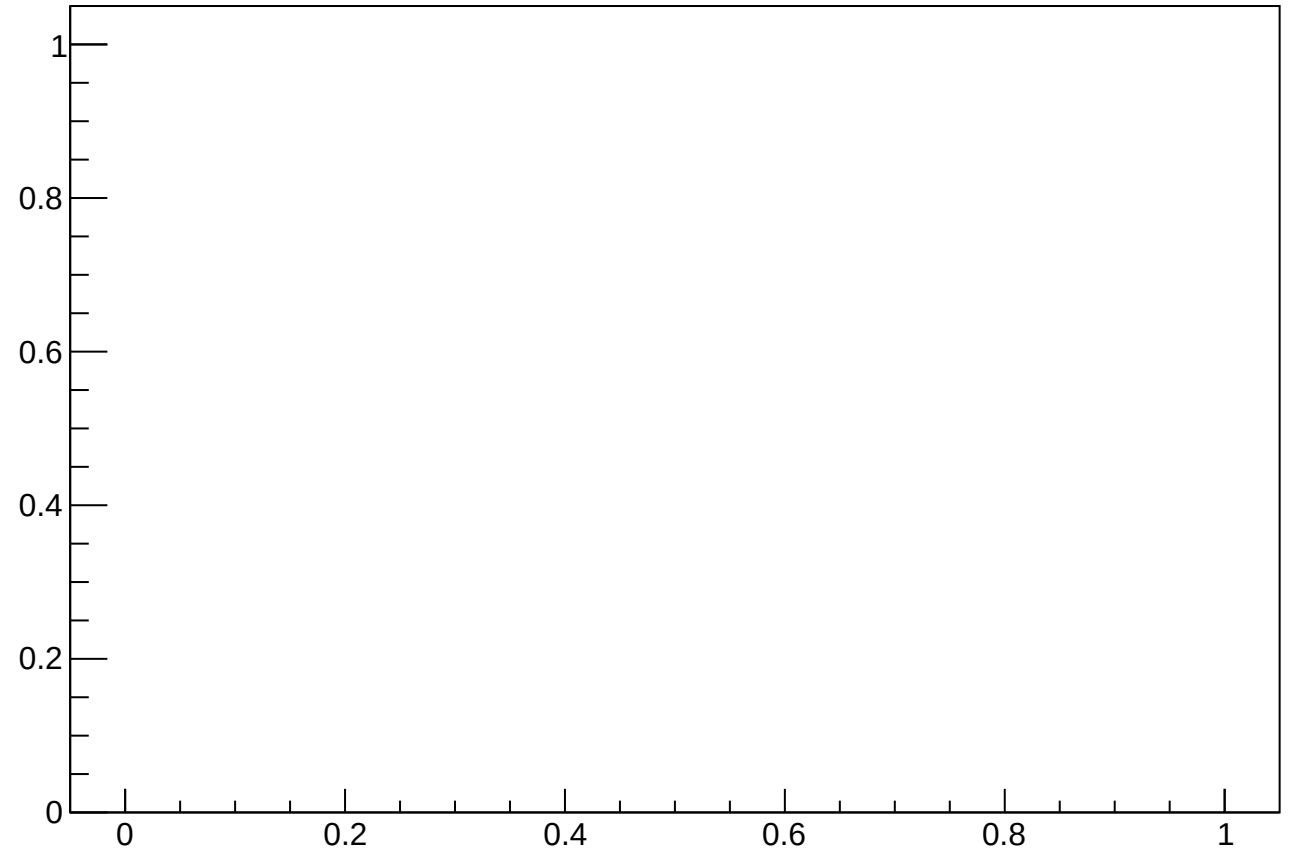
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 89.116+/-0.039 χ^2/NDF: 102421.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

92.818+/-0.049 χ^2/NDF: 89556.6/4

89.116+/-0.039 χ^2/NDF: 102421.0/6



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

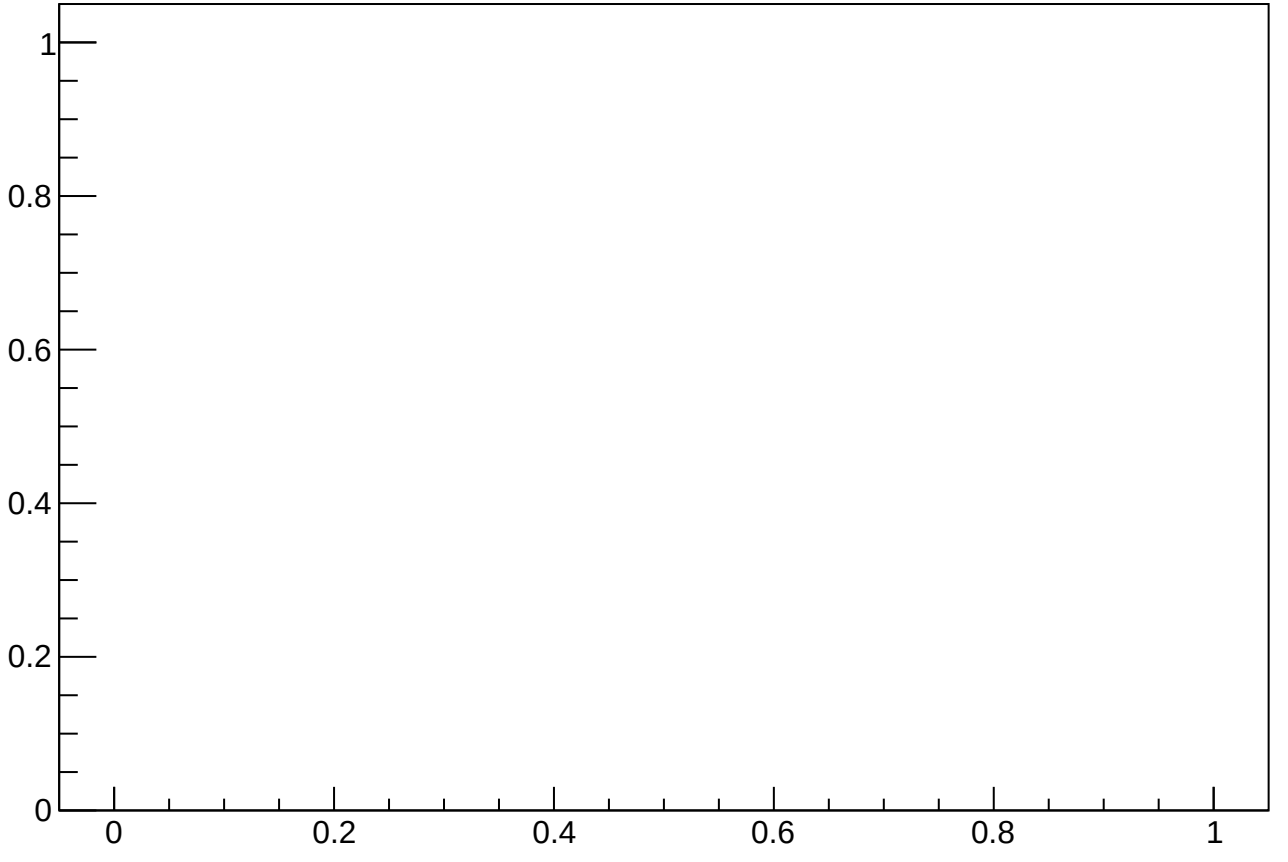
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

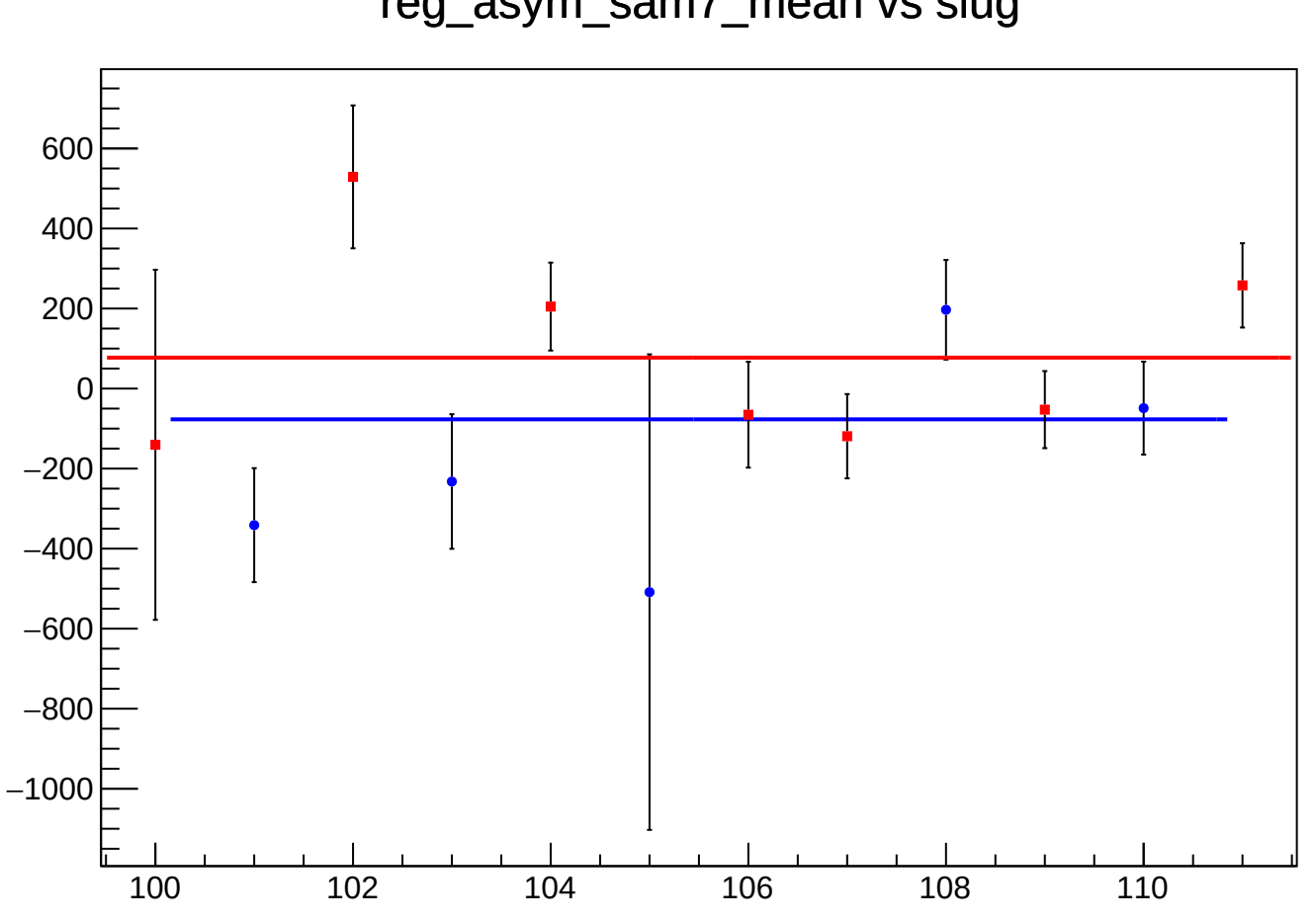
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: -76.881+/-66.502 χ^2/NDF: 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

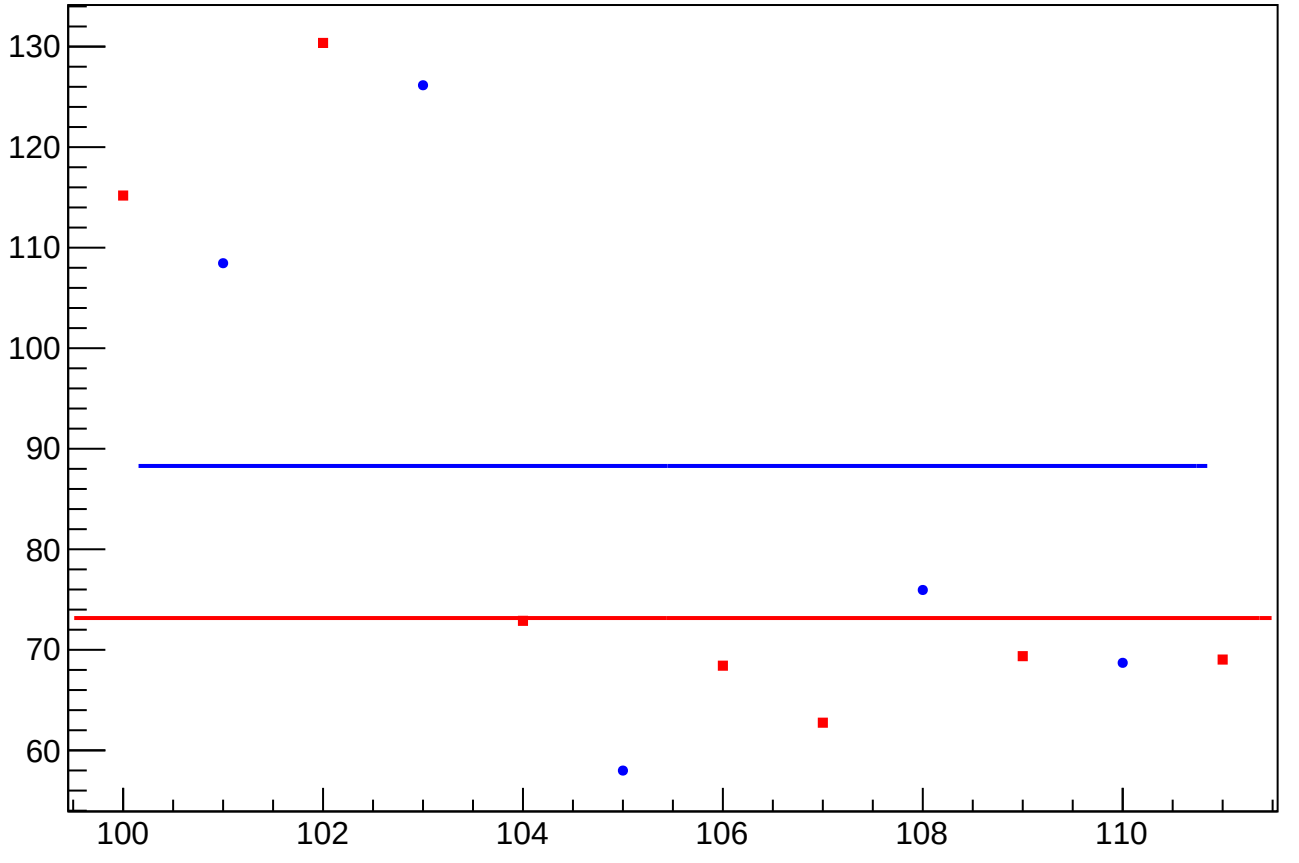
Right Out: 77.328+/-46.385 χ^2/NDF: 17.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-76.881+/-66.502 χ^2/NDF: 9.7/4

77.328+/-46.385 χ^2/NDF: 17.4/6

reg_asym_sam7_rms vs slug



Right In: 88.289+/-0.047 χ^2/NDF: 223176.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

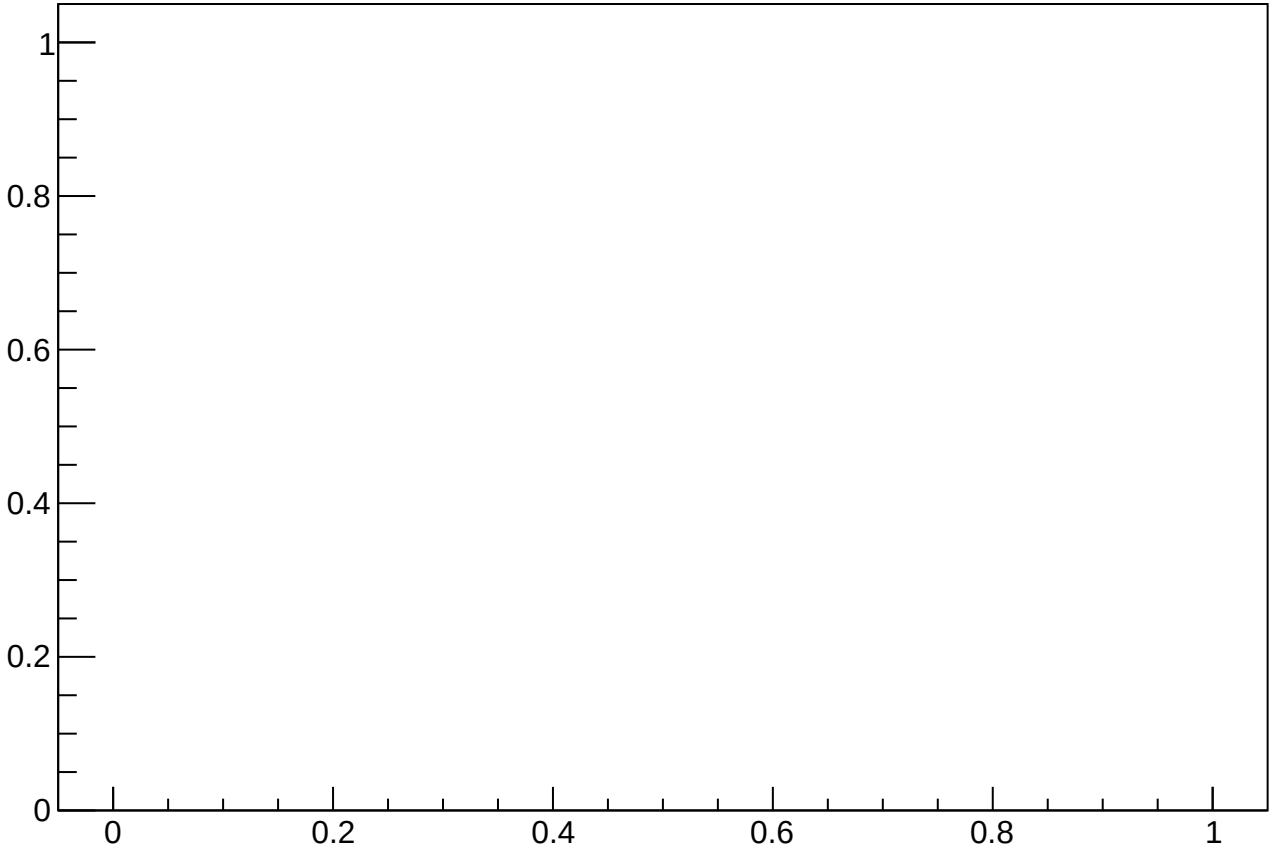
Right Out: 73.161+/-0.033 χ^2/NDF: 252059.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

88.289+/-0.047 χ^2/NDF: 223176.7/4

73.161+/-0.033 χ^2/NDF: 252059.4/6

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

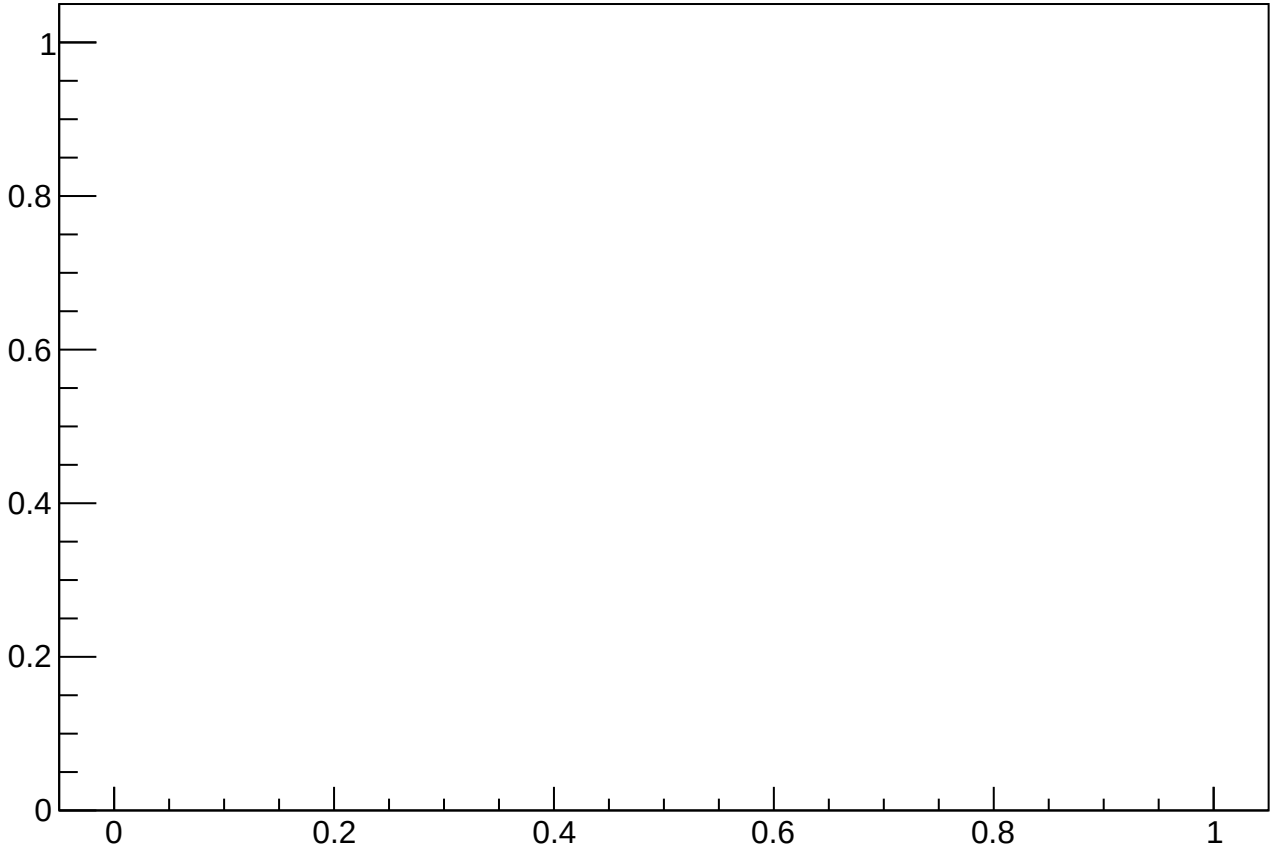
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

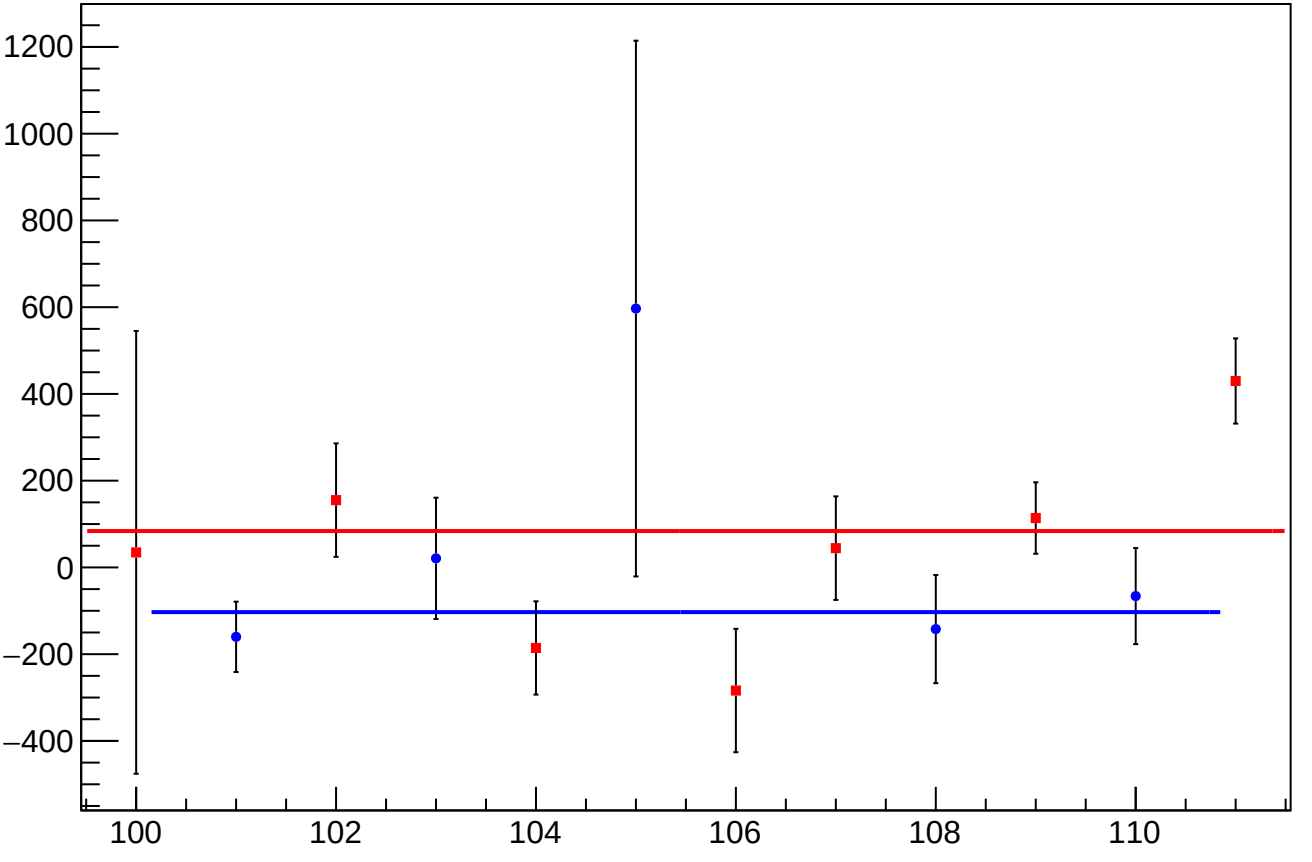
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: -103.044+/-53.339 χ^2/NDF: 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

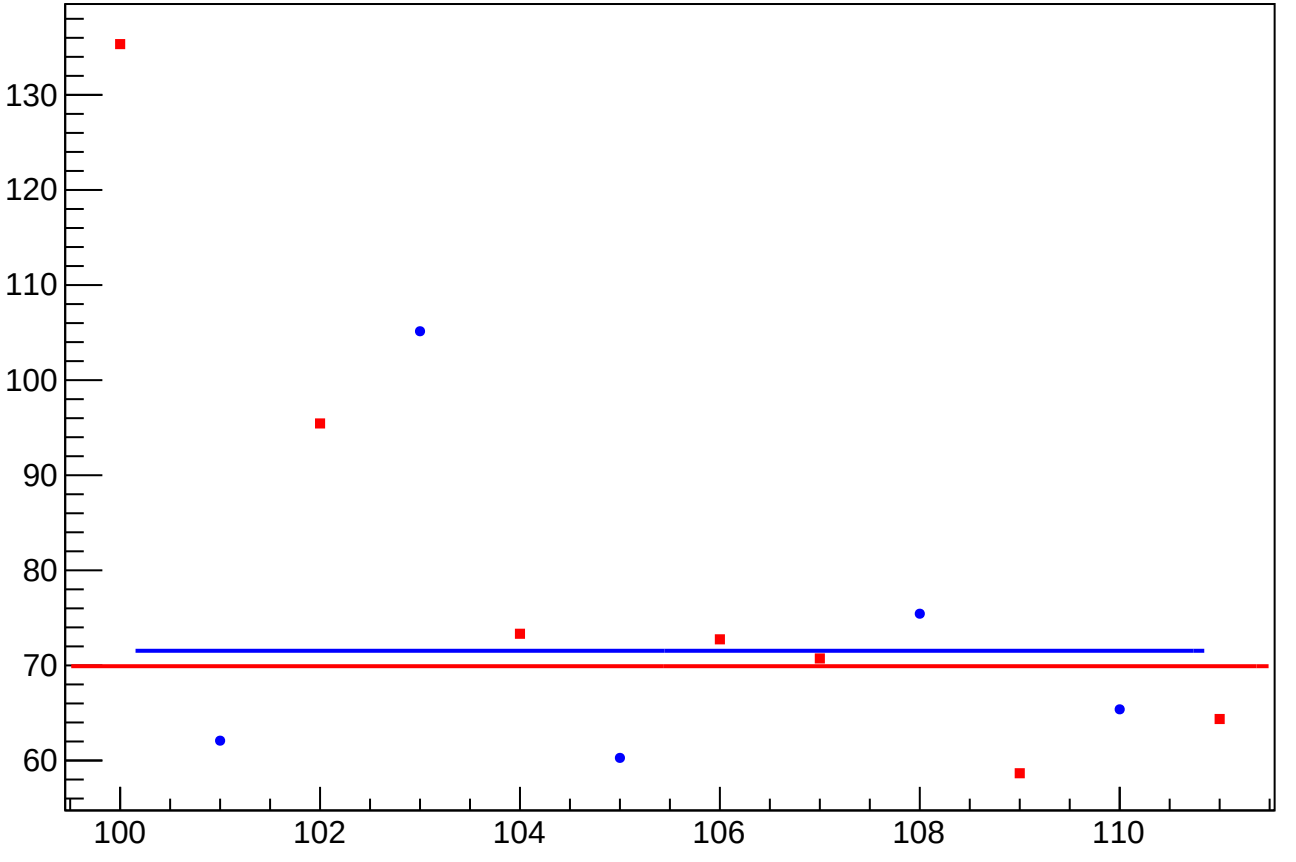
Right Out: 83.883+/-43.882 χ^2/NDF: 25.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-103.044+/-53.339 χ^2/NDF: 2.8/4

83.883+/-43.882 χ^2/NDF: 25.9/6

reg_asym_sam8_rms vs slug



Right In: 71.540+/-0.038 χ^2/NDF: 151370.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

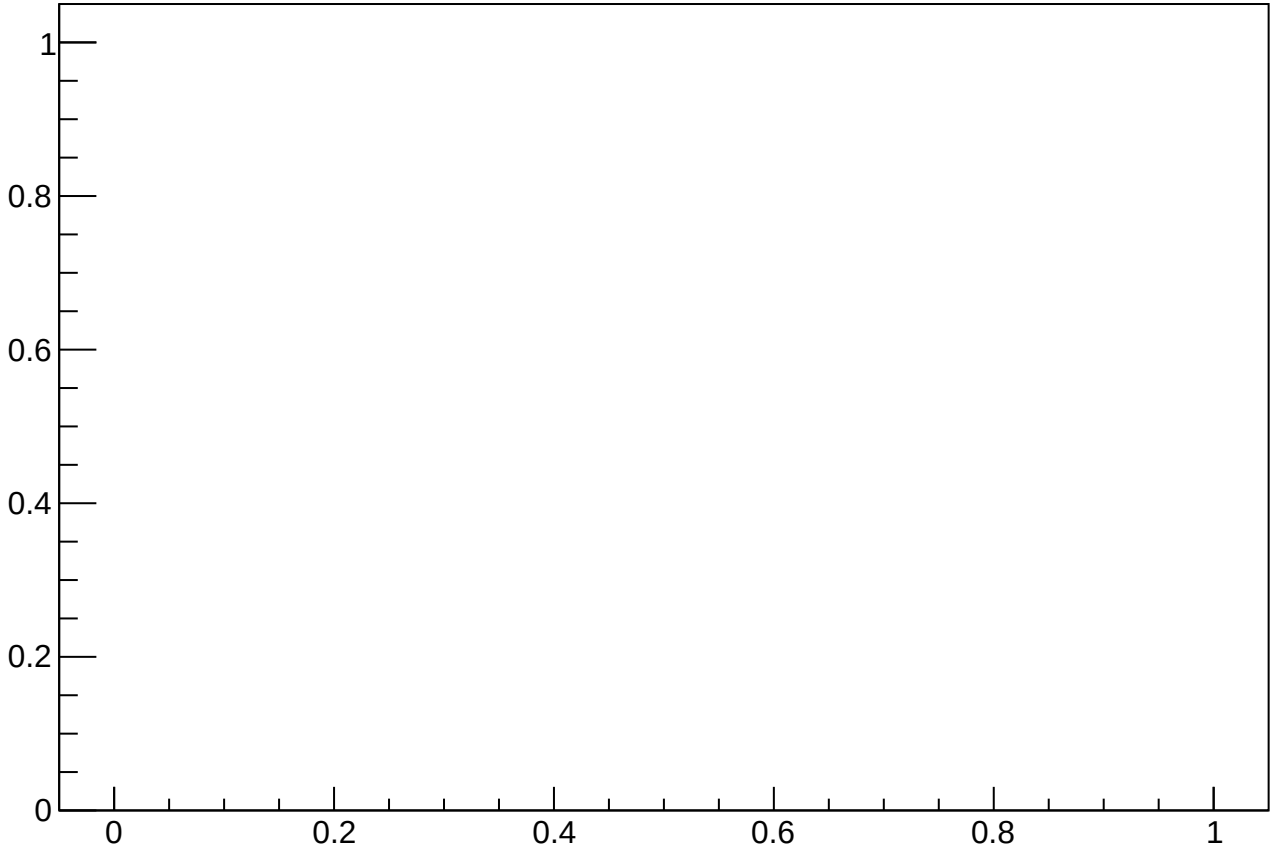
Right Out: 69.918+/-0.031 χ^2/NDF: 155591.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

71.540+/-0.038 χ^2/NDF: 151370.6/4

69.918+/-0.031 χ^2/NDF: 155591.1/6

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

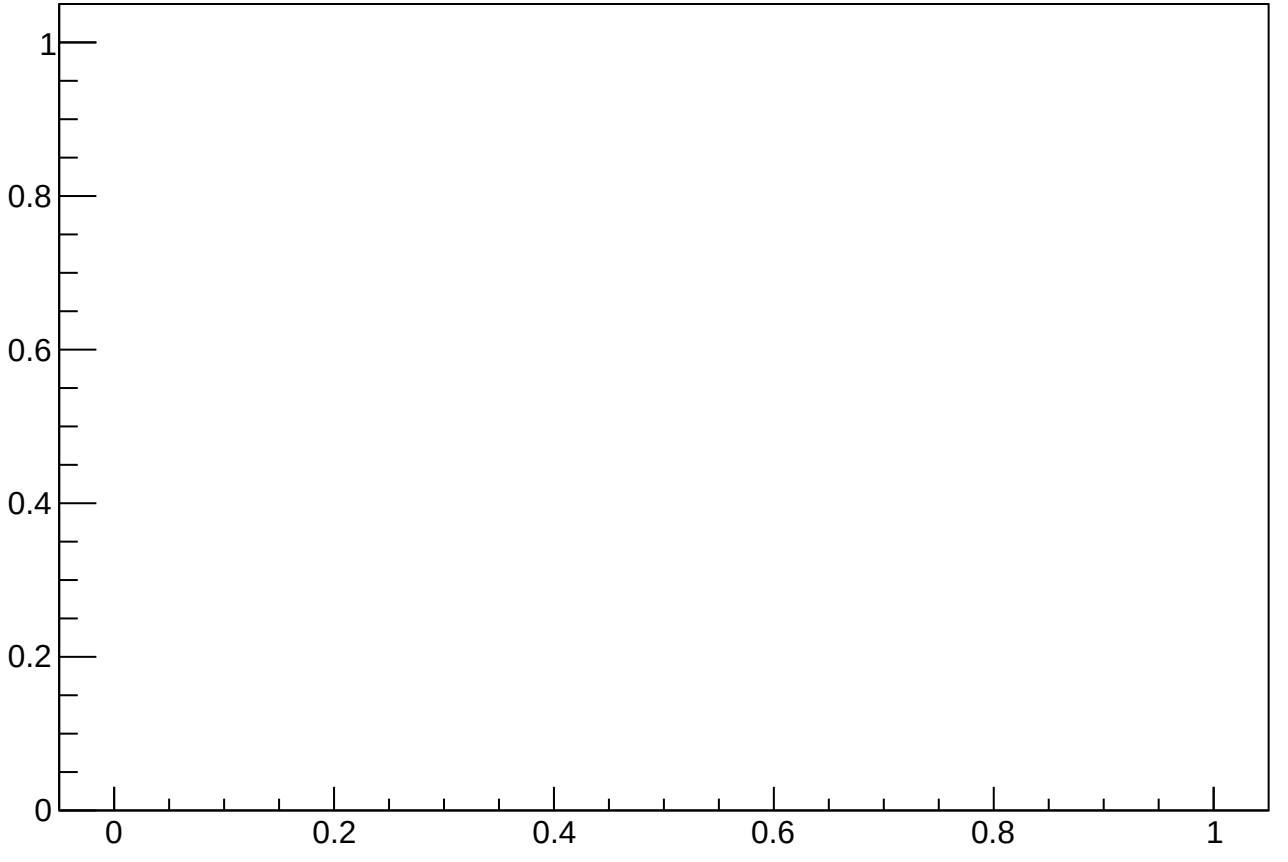
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

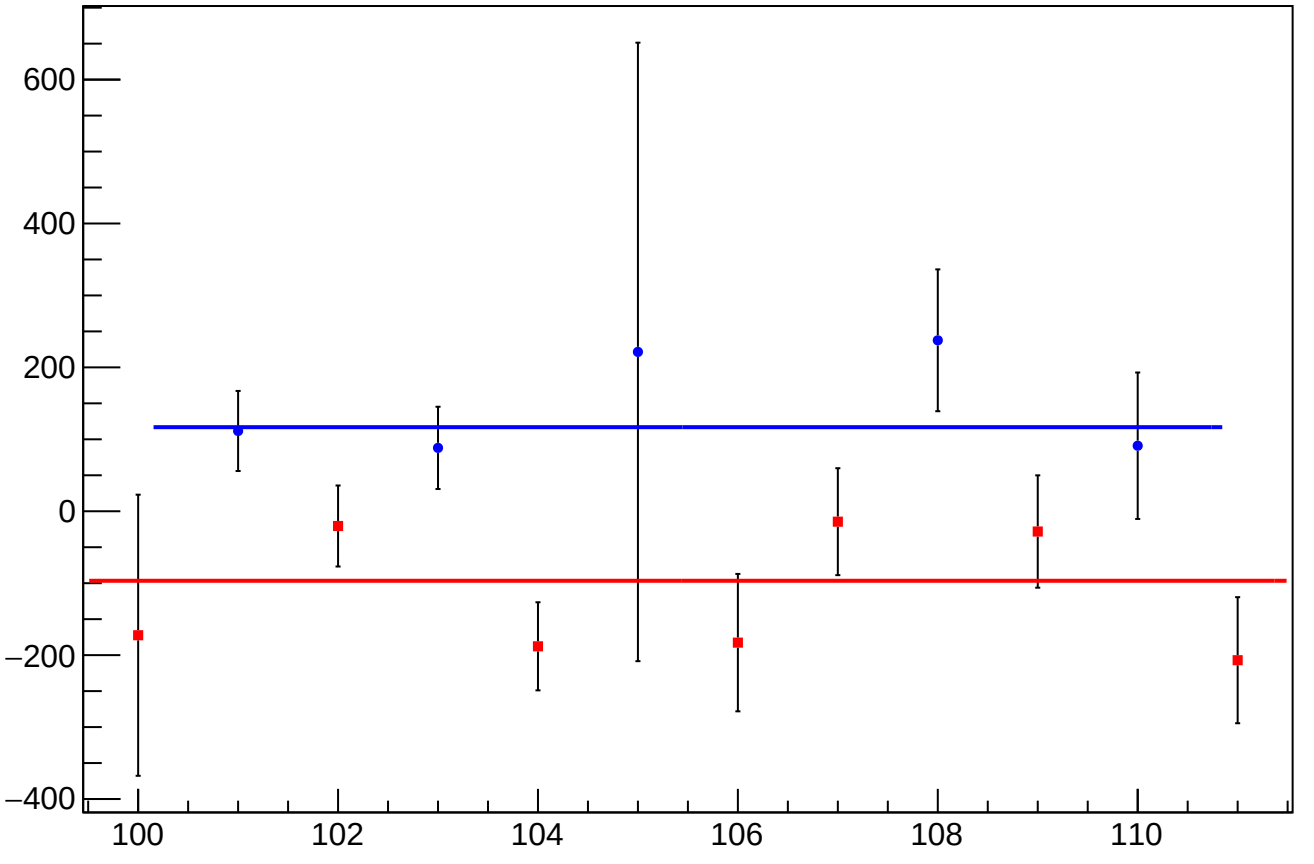
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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



Right In: 116.872+/-34.640 χ^2/NDF: 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

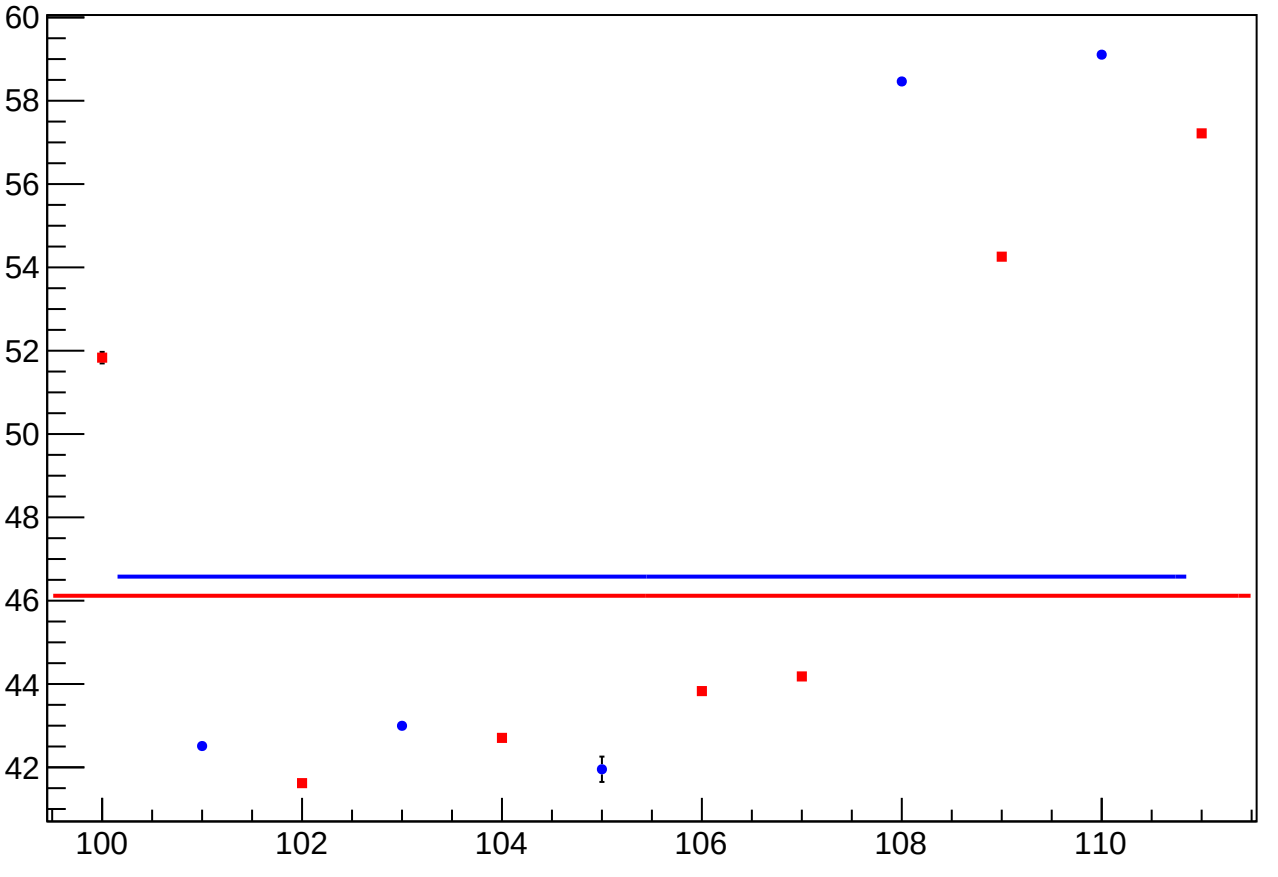
Right Out: -96.625+/-28.950 χ^2/NDF: 8.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

116.872+/-34.640 χ^2/NDF: 1.9/4

-96.625+/-28.950 χ^2/NDF: 8.6/6

reg_asym_sam_15_avg_rms vs slug



Right In: 46.578+/-0.024 χ^2/NDF: 78120.3/4

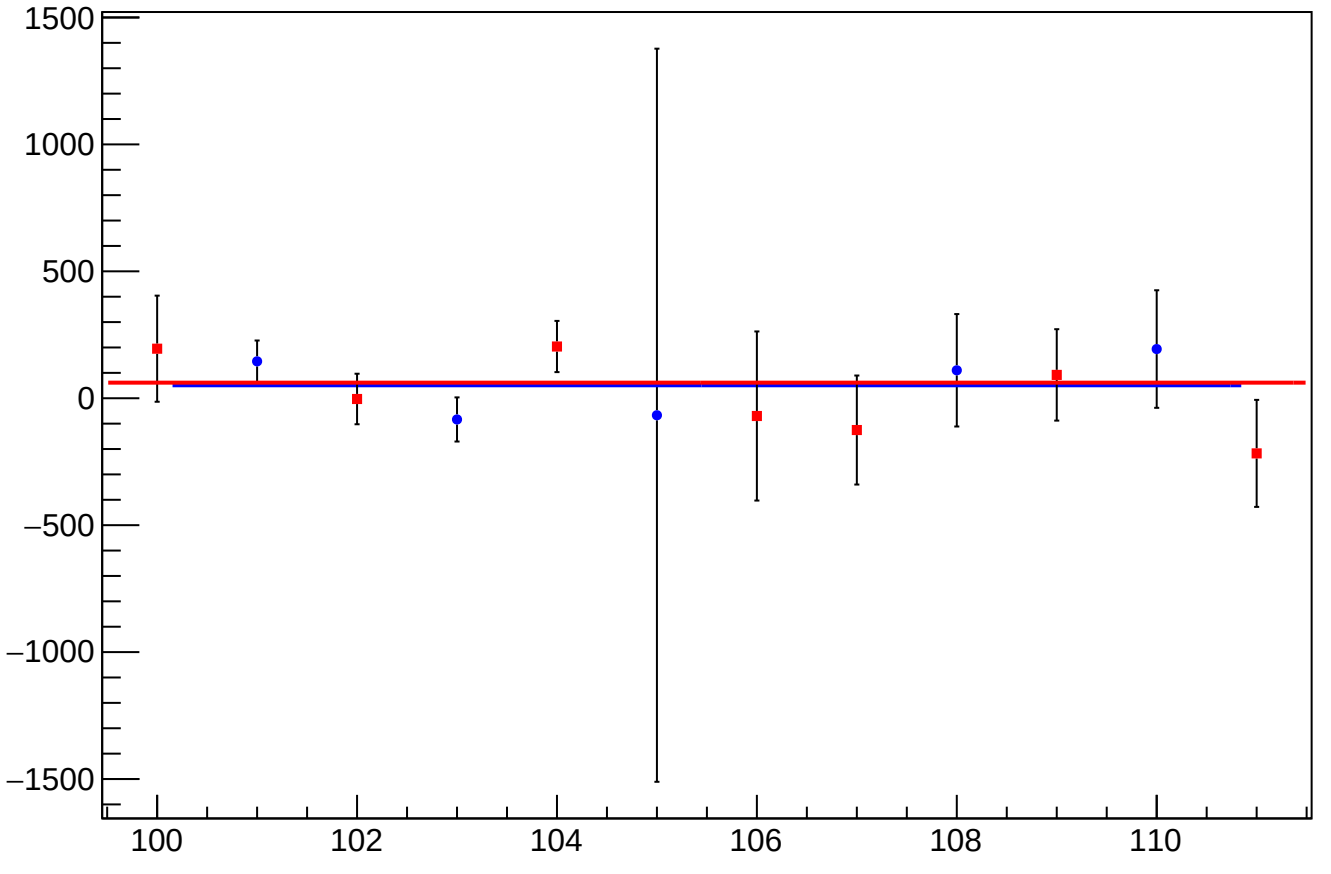
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 46.118+/-0.020 χ^2/NDF: 76997.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

46.578+/-0.024 χ^2/NDF: 78120.3/4

46.118+/-0.020 χ^2/NDF: 76997.1/6



Right In: 51.117+/-55.861 χ^2/NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

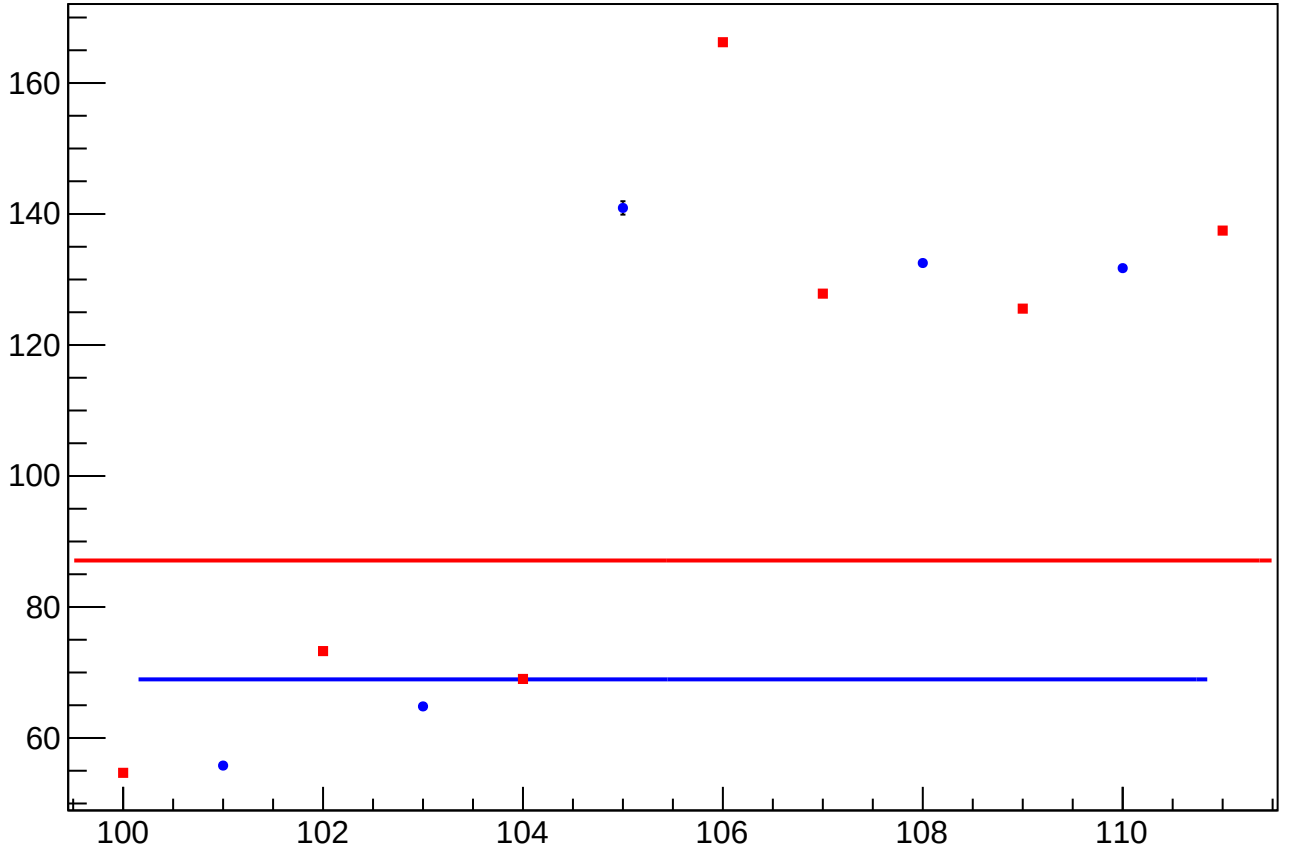
Right Out: 61.441+/-57.145 χ^2/NDF: 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

51.117+/-55.861 χ^2/NDF: 4.2/4

61.441+/-57.145 χ^2/NDF: 5.5/6

asym_sam_15_avg_correction_rms vs slug



Right In: 68.949+/-0.039 χ^2/NDF: 372778.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

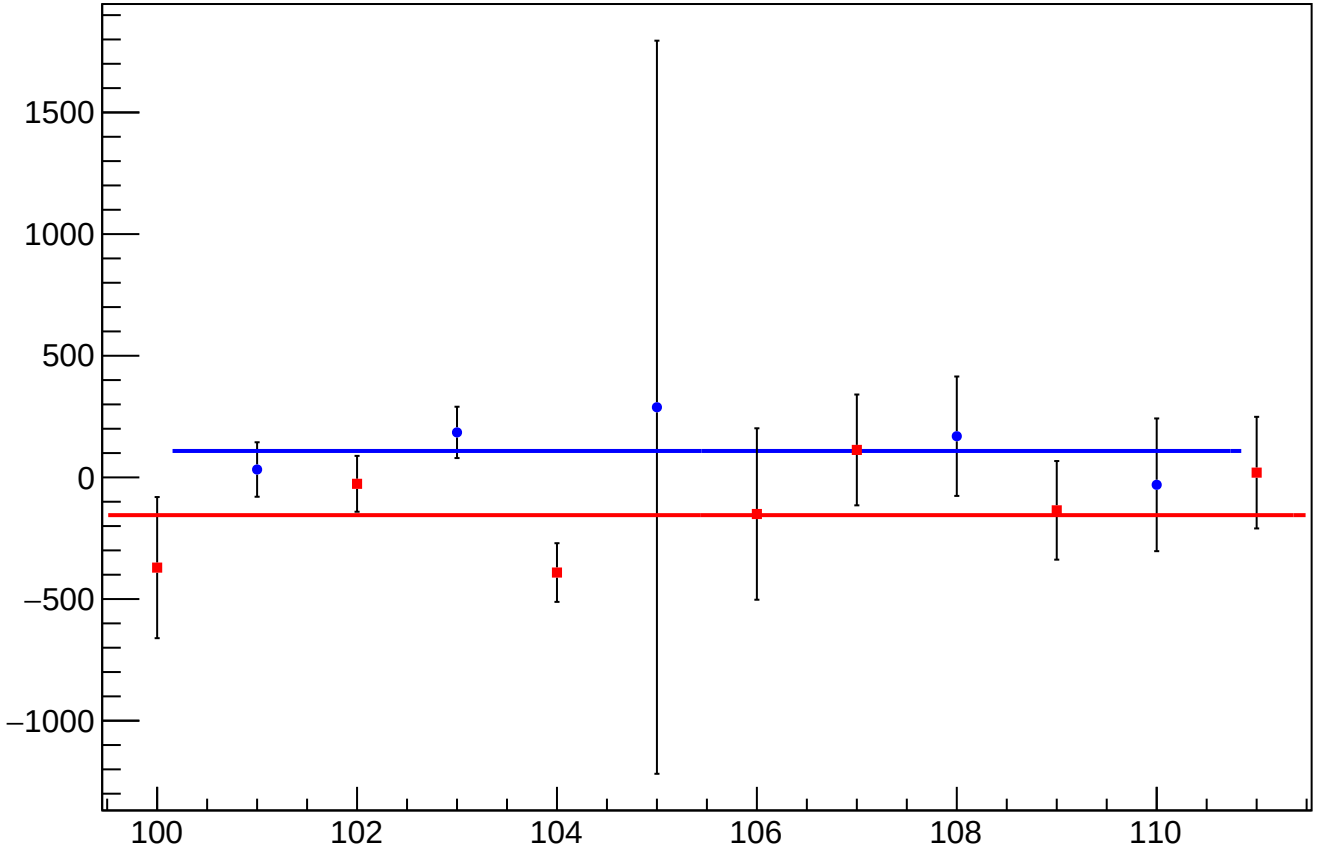
Right Out: 87.100+/-0.040 χ^2/NDF: 541370.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

68.949+/-0.039 χ^2/NDF: 372778.8/4

87.100+/-0.040 χ^2/NDF: 541370.5/6

asym_sam_15_avg_mean vs slug



Right In: 108.651+/-70.684 χ^2/NDF: 1.3/4

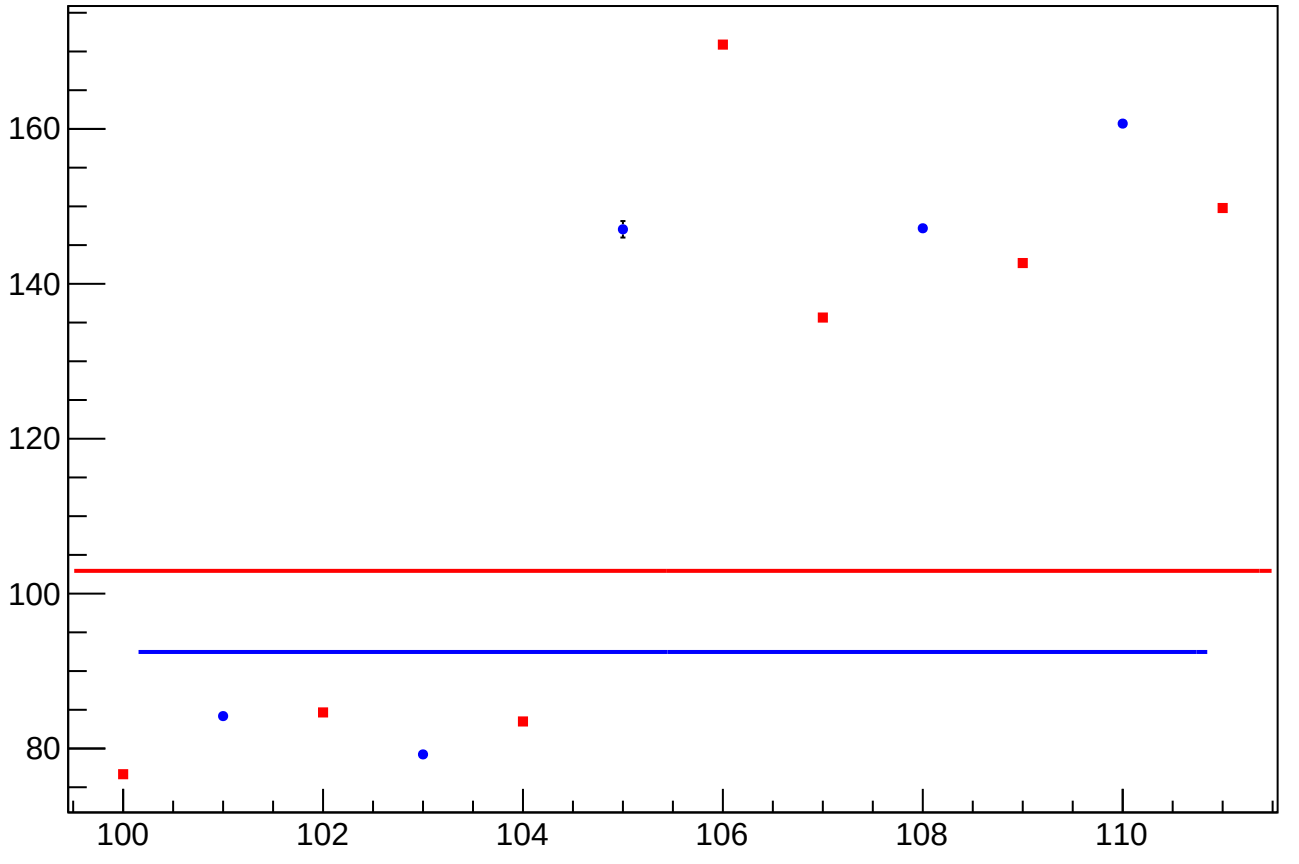
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -155.126+/-66.345 χ^2/NDF: 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

108.651+/-70.684 χ^2/NDF: 1.3/4

-155.126+/-66.345 χ^2/NDF: 7.6/6



Right In: 92.466+/-0.050 χ^2/NDF: 269533.9/4

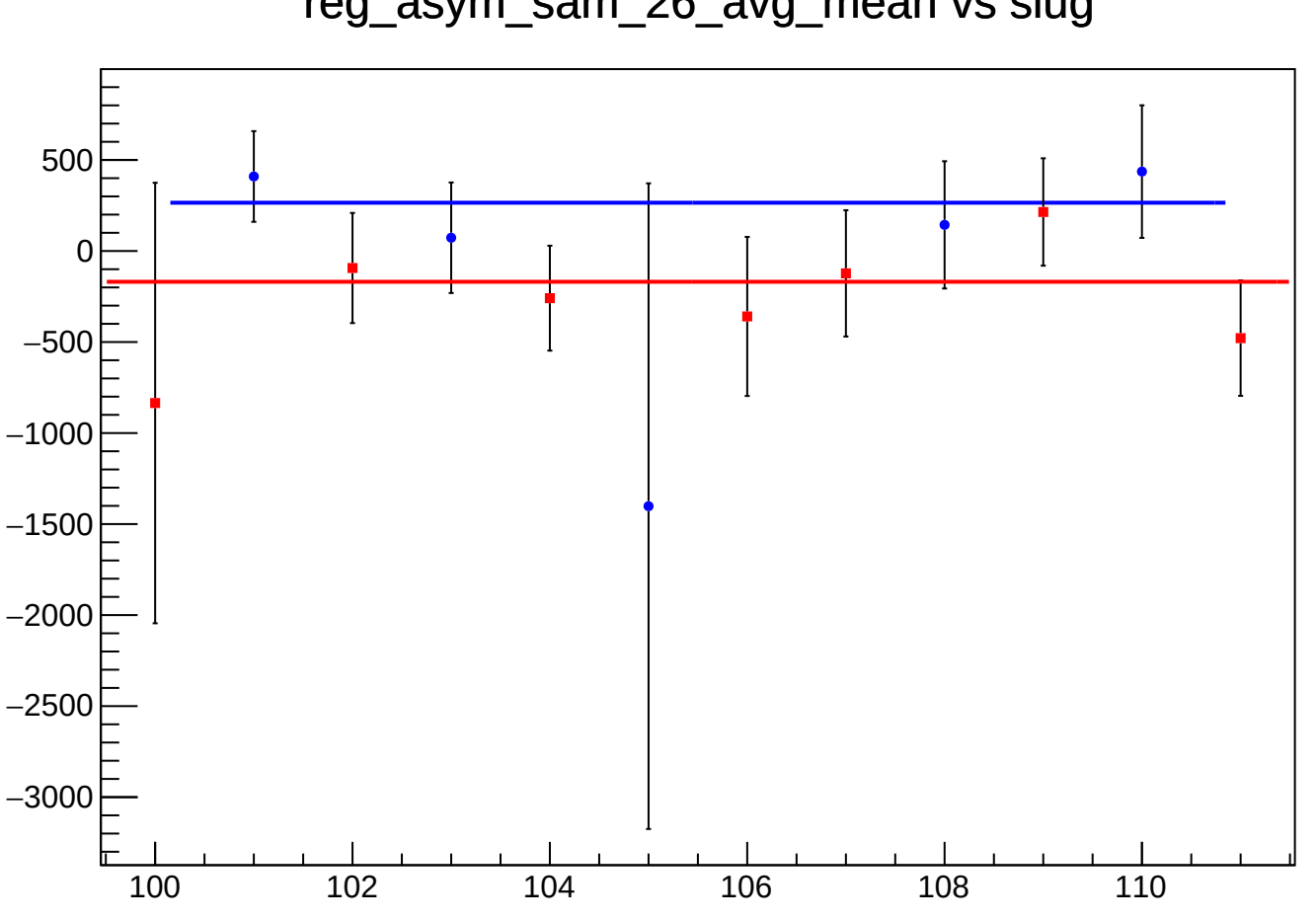
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 102.939+/-0.047 χ^2/NDF: 395076.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

92.466+/-0.050 χ^2/NDF: 269533.9/4

102.939+/-0.047 χ^2/NDF: 395076.3/6



Right In: 265.283+/-152.463 χ^2/NDF: 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

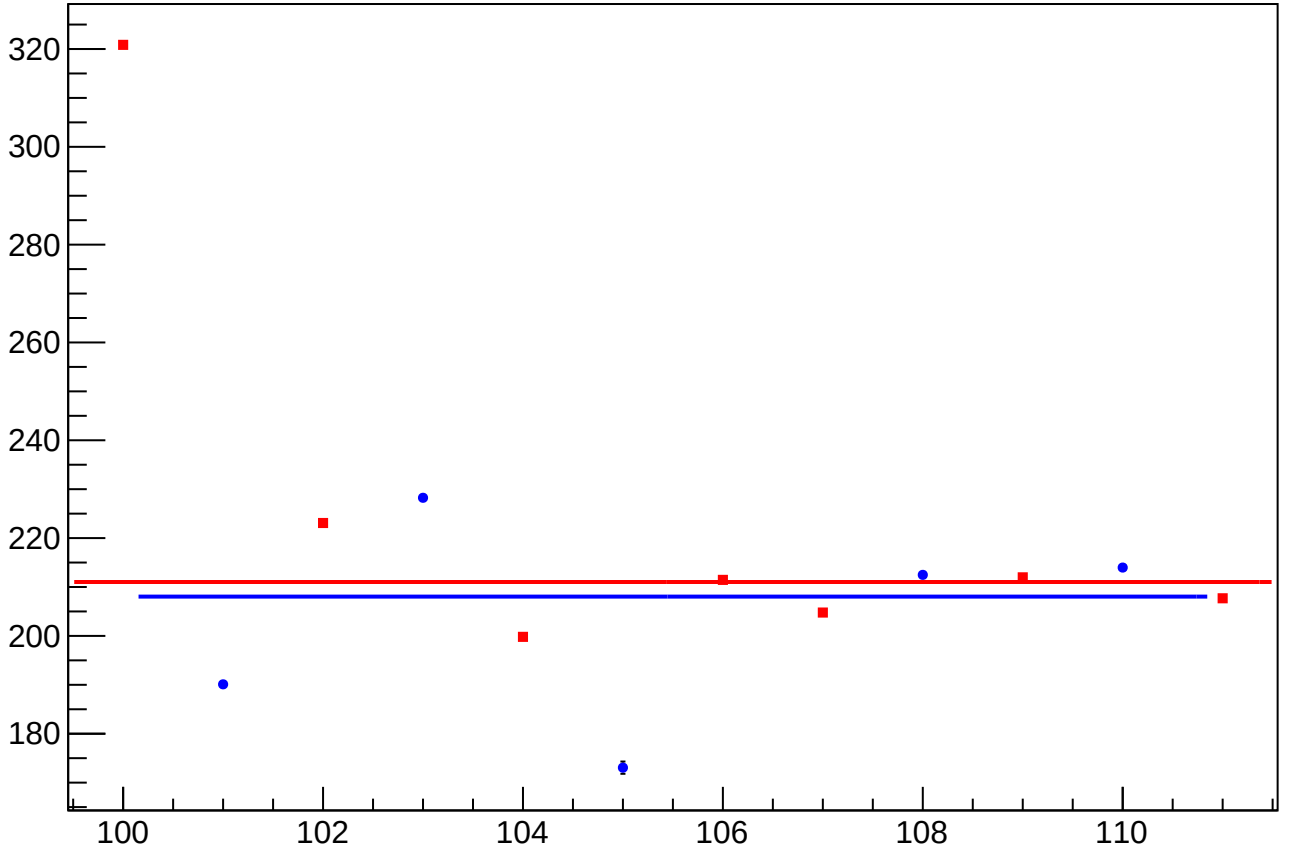
Right Out: -168.959+/-130.567 χ^2/NDF: 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

265.283+/-152.463 χ^2/NDF: 2.0/4

-168.959+/-130.567 χ^2/NDF: 3.3/6

reg_asym_sam_26_avg_rms vs slug



Right In: 208.036+/-0.108 χ^2/NDF: 20864.4/4

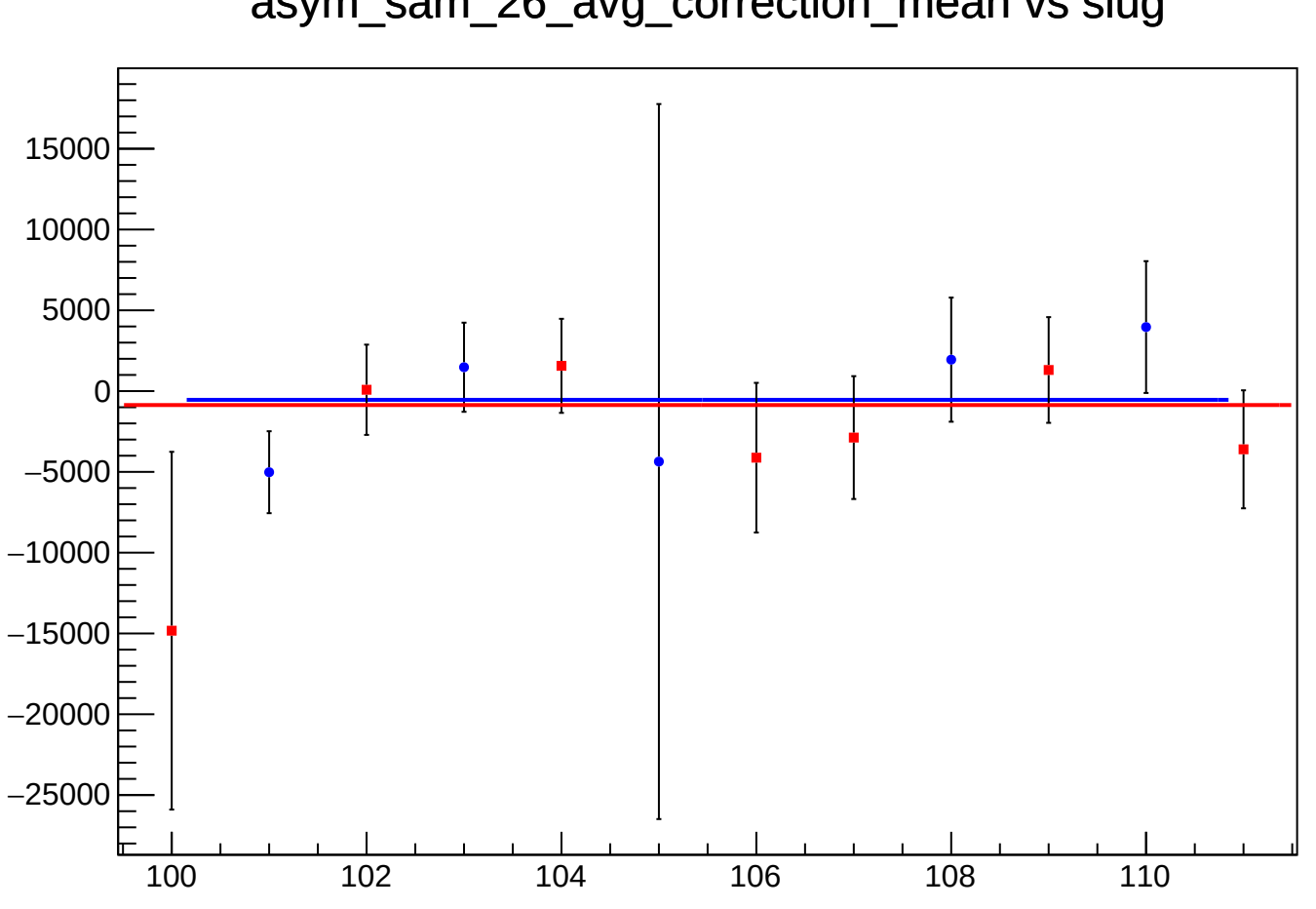
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 211.022+/-0.092 χ^2/NDF: 23583.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

208.036+/-0.108 χ^2/NDF: 20864.4/4

211.022+/-0.092 χ^2/NDF: 23583.8/6



Right In: -540.429+/-1548.746 χ^2/NDF: 5.3/4

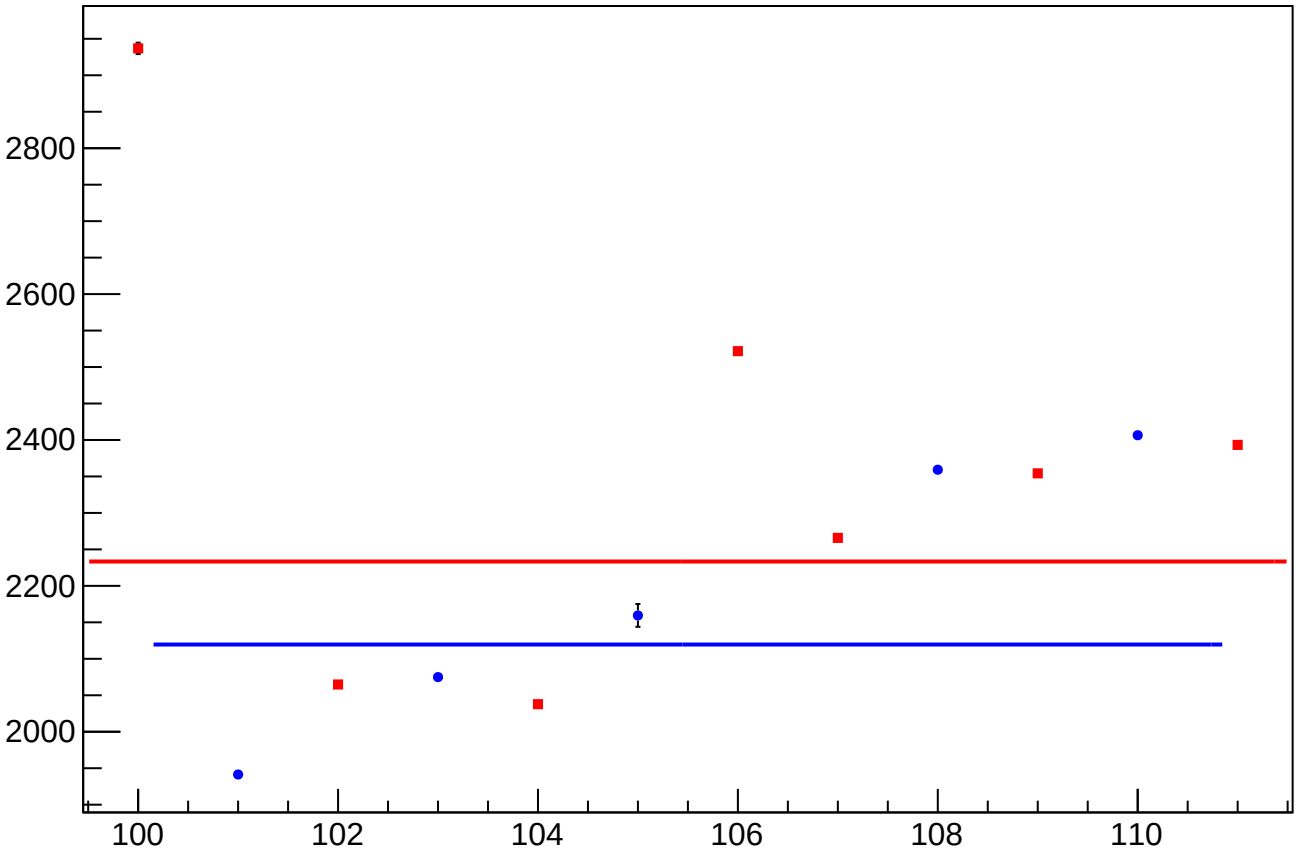
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -863.237+/-1362.476 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-540.429+/-1548.746 χ^2/NDF: 5.3/4

-863.237+/-1362.476 χ^2/NDF: 4.2/6



Right In: 2119.572+/-1.095 χ^2/NDF: 28090.8/4

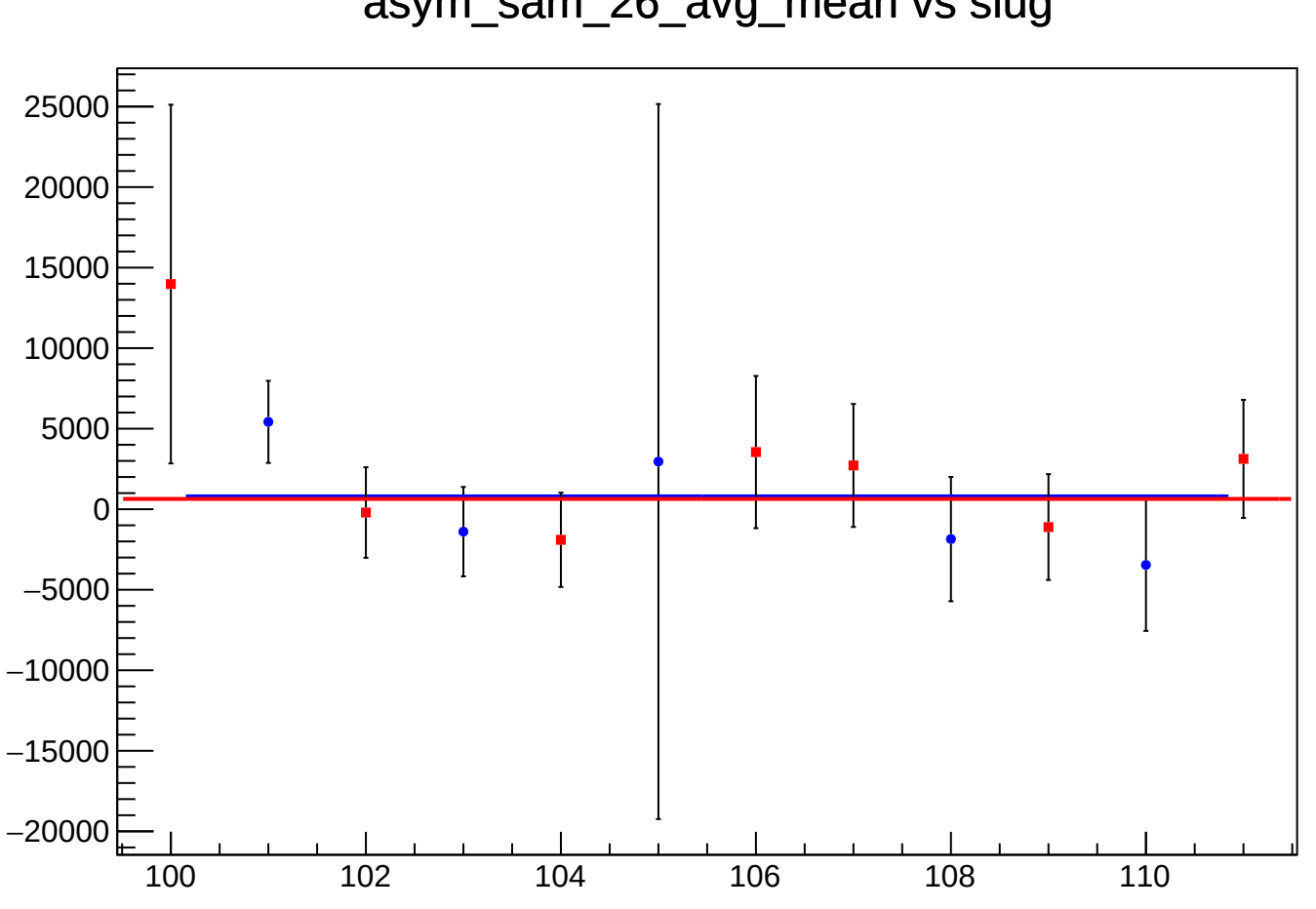
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2233.389+/-0.963 χ^2/NDF: 38866.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2119.572+/-1.095 χ^2/NDF: 28090.8/4

2233.389+/-0.963 χ^2/NDF: 38866.0/6



Right In: 798.111+/-1556.708 χ^2/NDF: 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

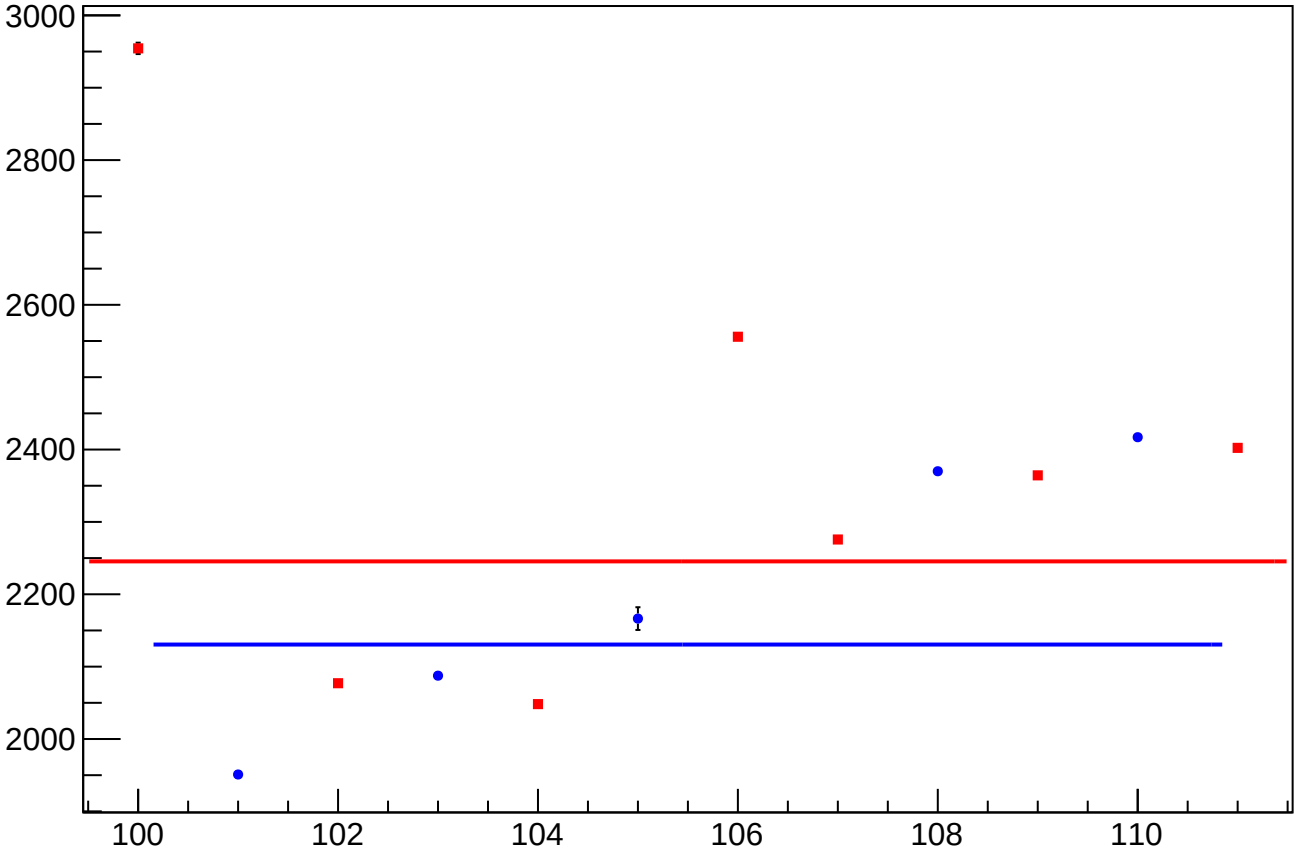
Right Out: 638.495+/-1370.947 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

798.111+/-1556.708 χ^2/NDF: 5.5/4

638.495+/-1370.947 χ^2/NDF: 3.7/6

asym_sam_26_avg_rms vs slug



Right In: 2130.531+/-1.101 χ^2/NDF: 27909.3/4

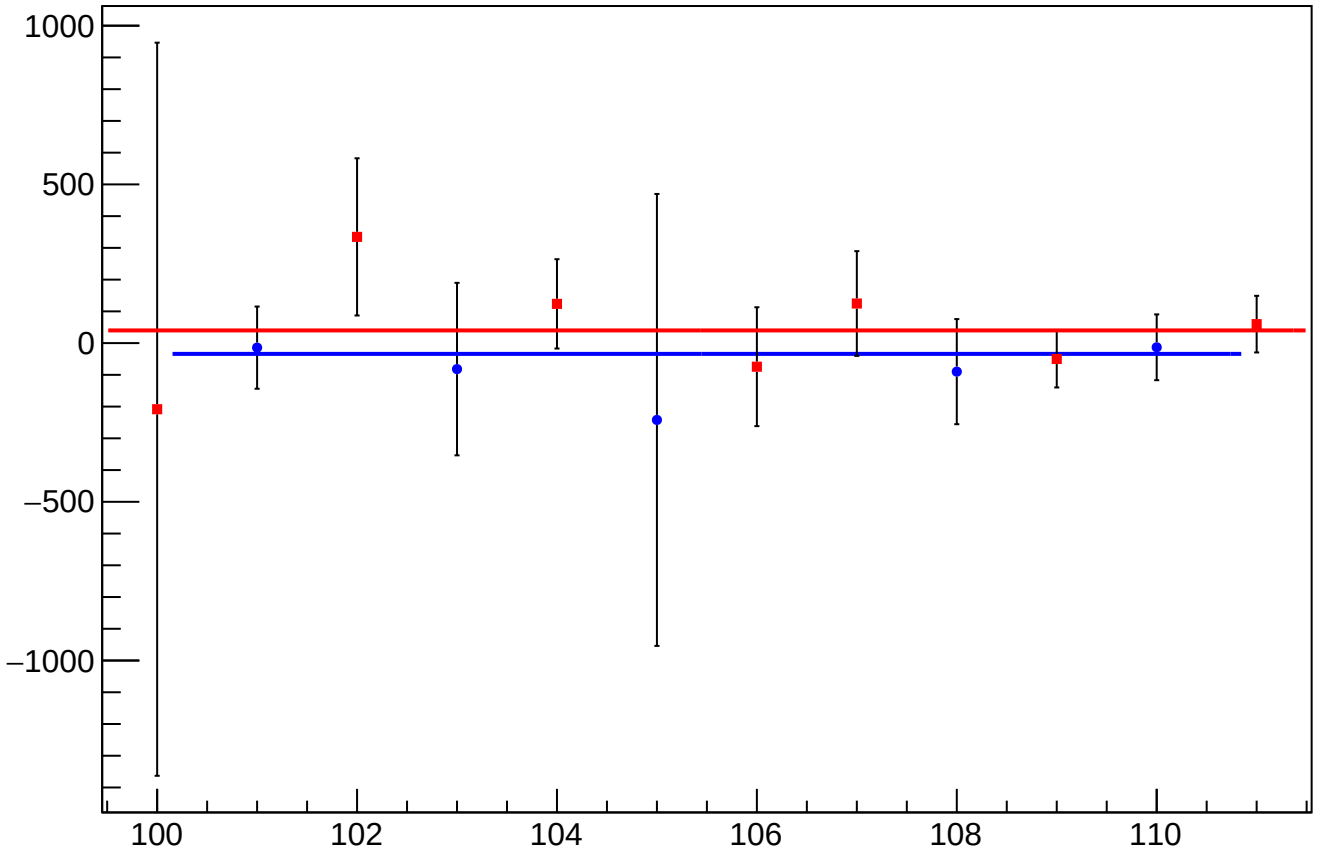
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2245.451+/-0.969 χ^2/NDF: 39417.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2130.531+/-1.101 χ^2/NDF: 27909.3/4

2245.451+/-0.969 χ^2/NDF: 39417.6/6



Right In: -33.949+/-69.891 χ^2/NDF: 0.3/4

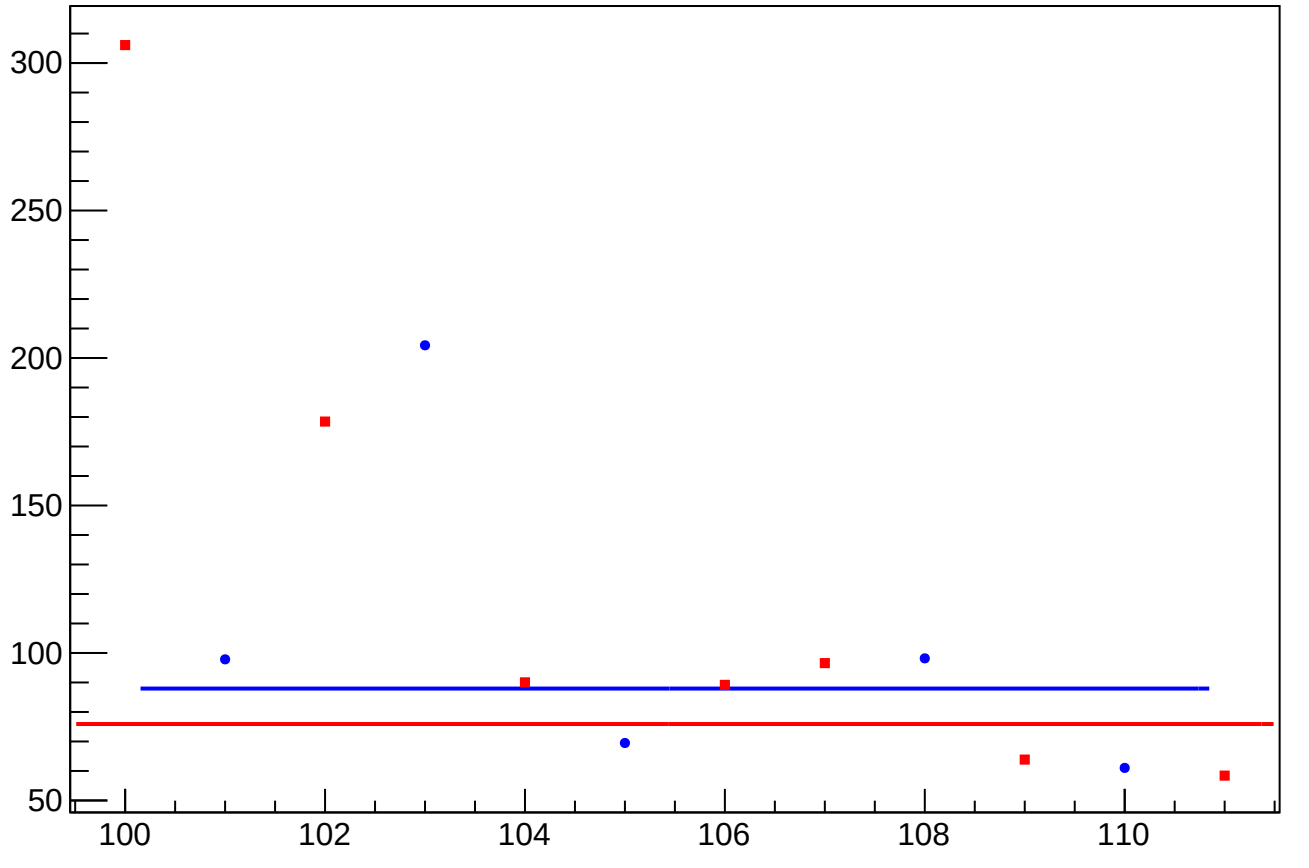
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 39.952+/-51.116 χ^2/NDF: 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-33.949+/-69.891 χ^2/NDF: 0.3/4

39.952+/-51.116 χ^2/NDF: 3.5/6



Right In: 87.939+/-0.049 χ^2/NDF: 522261.1/4

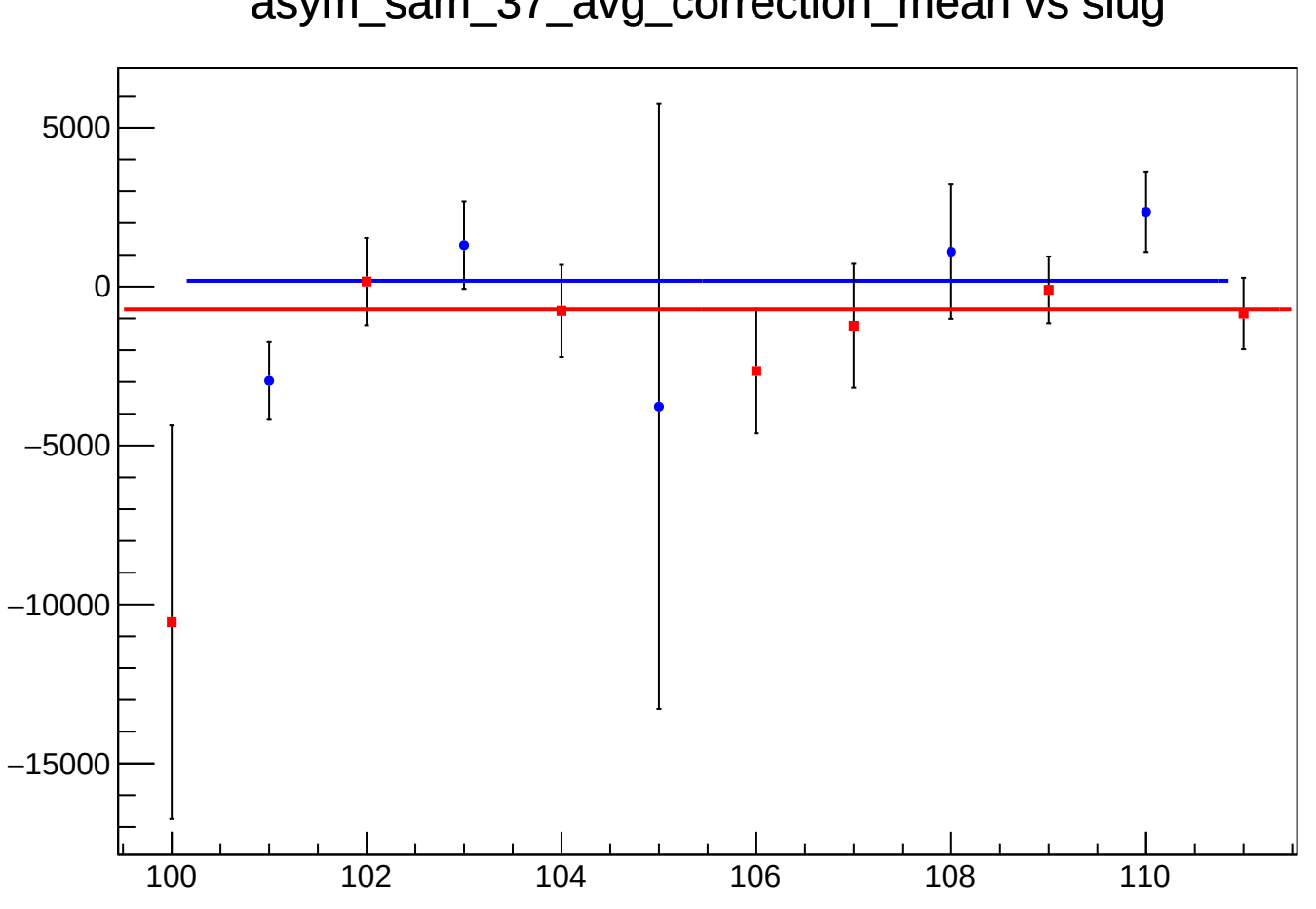
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 75.915+/-0.036 χ^2/NDF: 596871.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

87.939+/-0.049 χ^2/NDF: 522261.1/4

75.915+/-0.036 χ^2/NDF: 596871.7/6



Right In: 182.607+/-696.794 χ^2/NDF: 10.6/4

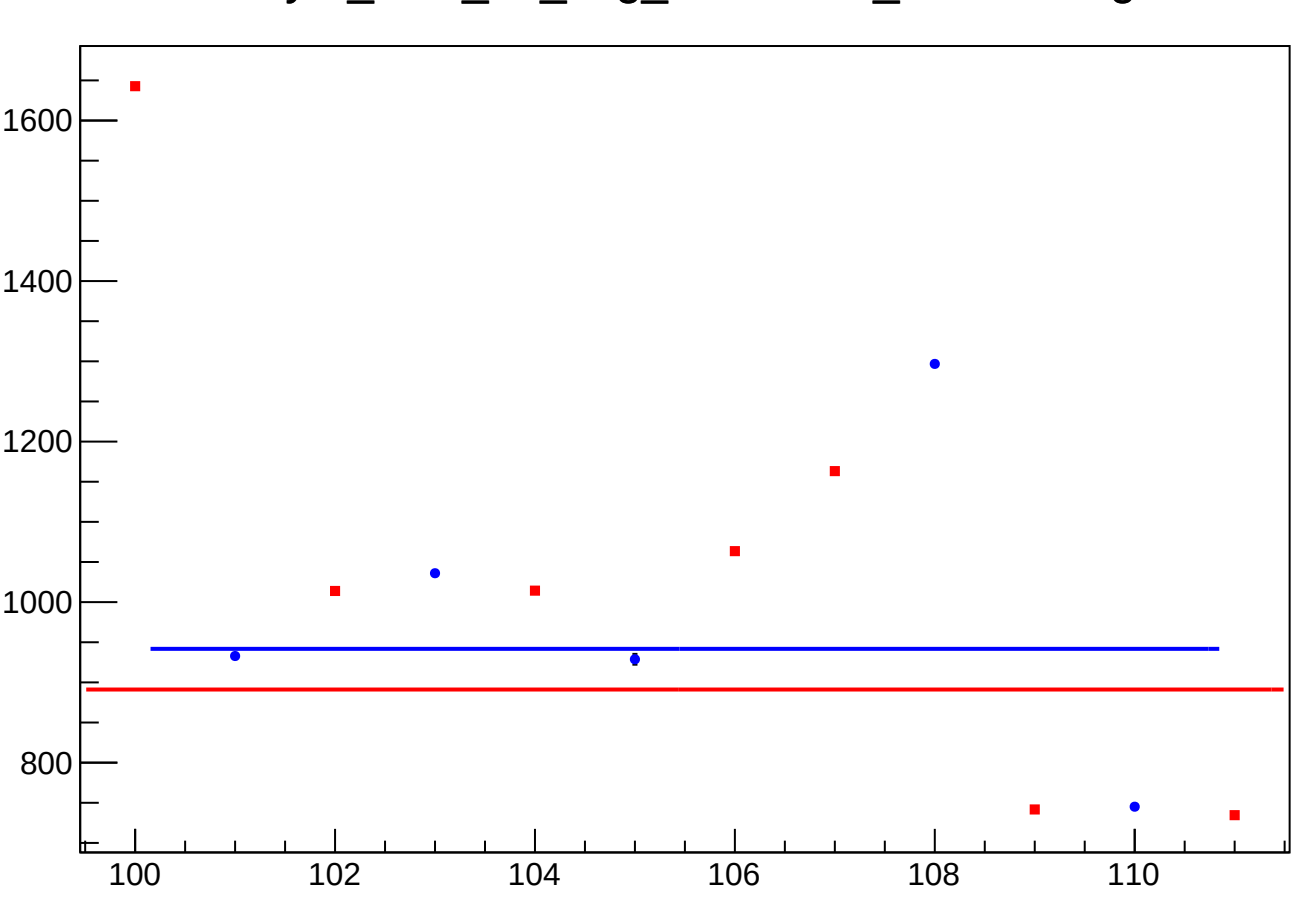
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -715.757+/-553.992 χ^2/NDF: 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

182.607+/-696.794 χ^2/NDF: 10.6/4

-715.757+/-553.992 χ^2/NDF: 4.3/6



Right In: 941.792+/-0.493 χ^2/NDF: 114314.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

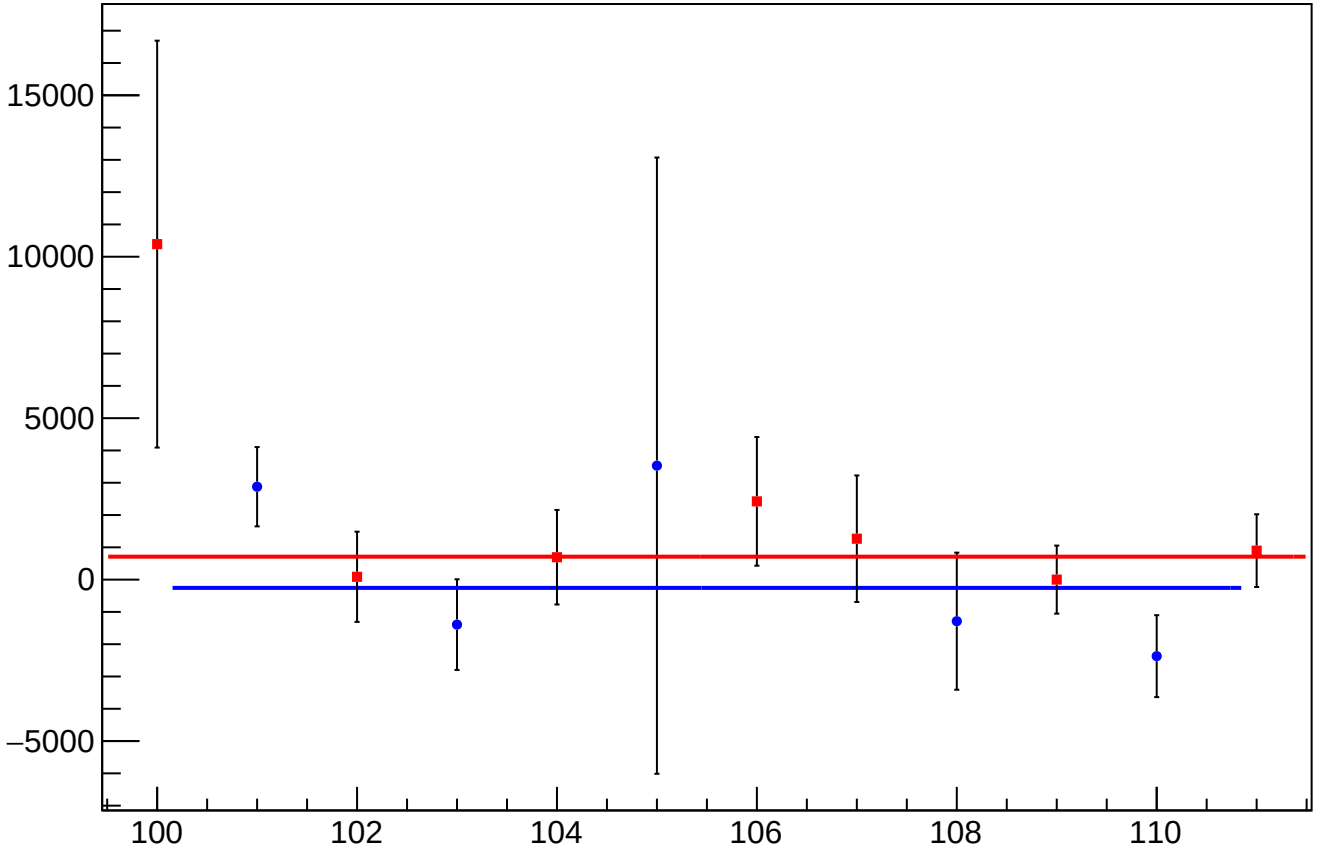
Right Out: 891.115+/-0.392 χ^2/NDF: 193760.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

941.792+/-0.493 χ^2/NDF: 114314.3/4

891.115+/-0.392 χ^2/NDF: 193760.7/6

asym_sam_37_avg_mean vs slug



Right In: -255.870+/-702.751 χ^2/NDF: 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

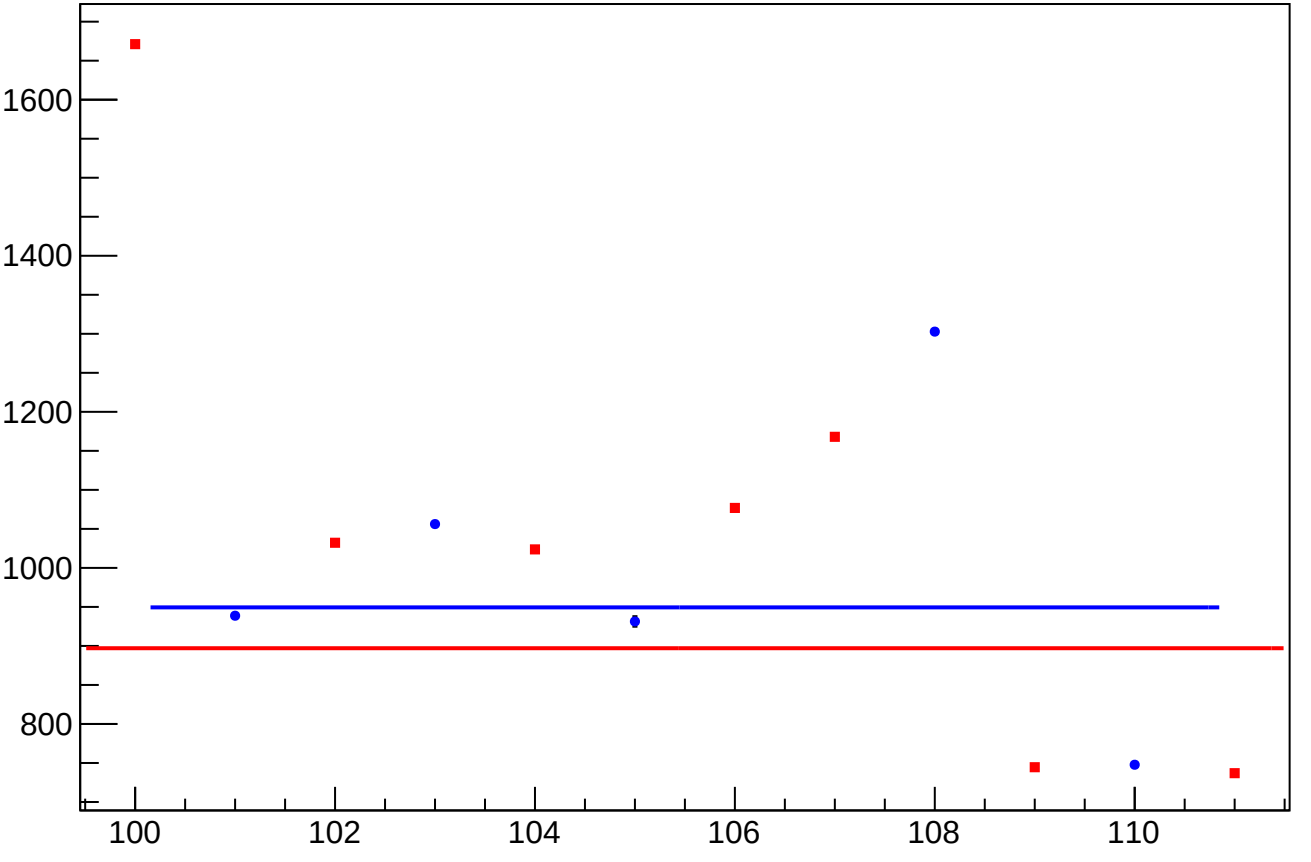
Right Out: 710.741+/-558.481 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-255.870+/-702.751 χ^2/NDF: 10.3/4

710.741+/-558.481 χ^2/NDF: 3.9/6

asym_sam_37_avg_rms vs slug



Right In: 949.409+/-0.497 χ^2/NDF: 117675.1/4

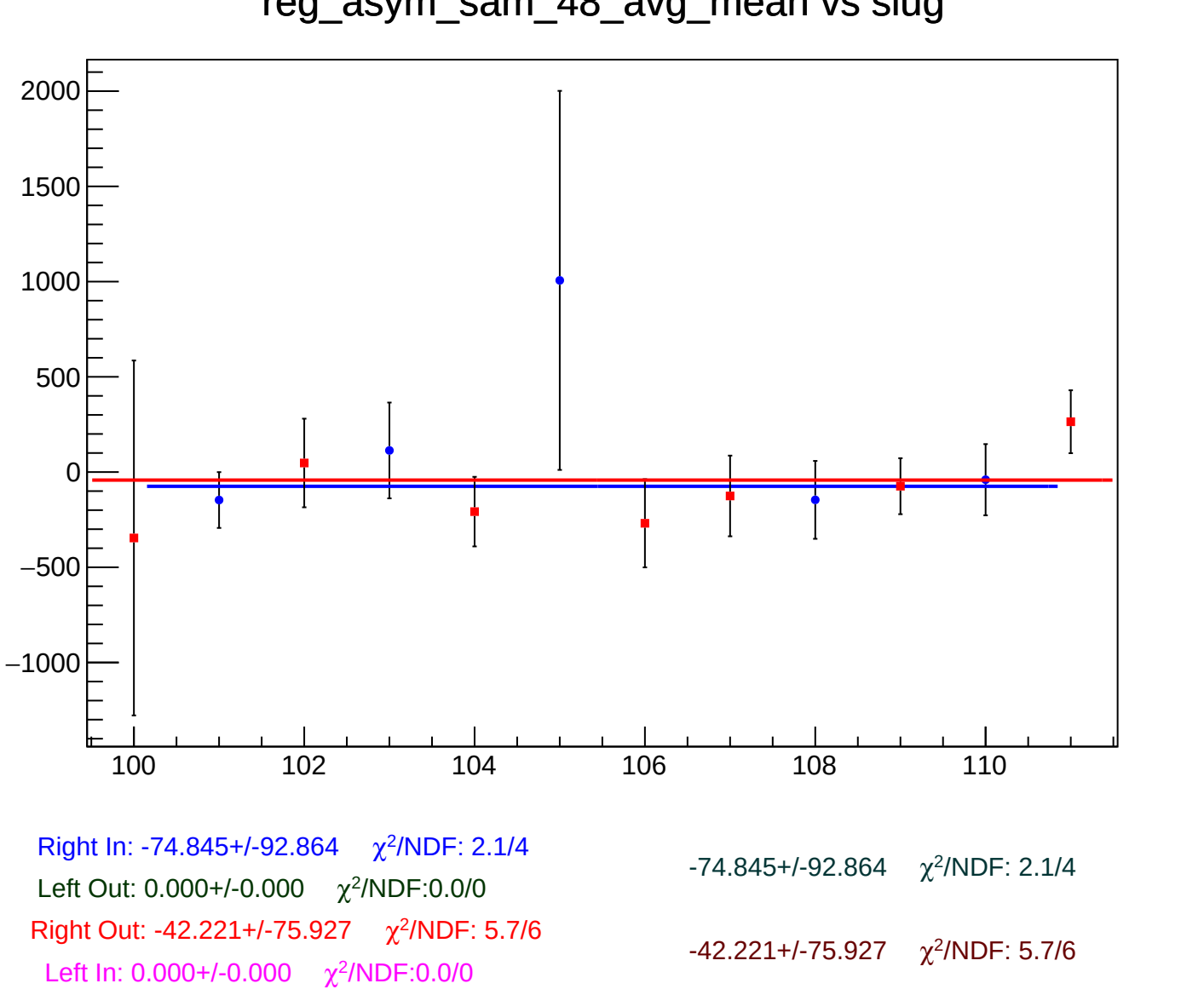
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 897.064+/-0.395 χ^2/NDF: 200743.7/6

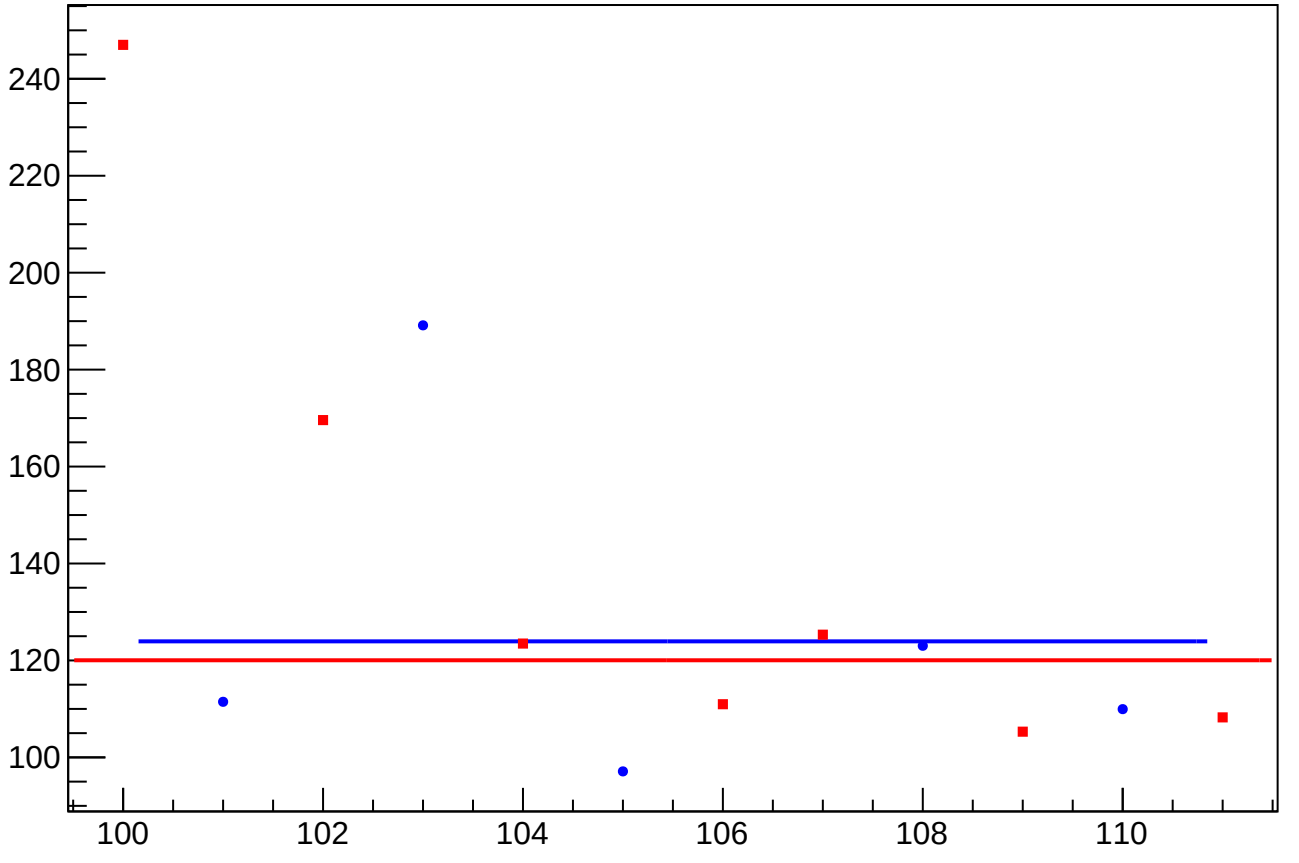
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

949.409+/-0.497 χ^2/NDF: 117675.1/4

897.064+/-0.395 χ^2/NDF: 200743.7/6


reg_asym_sam_48_avg_mean vs slug
2000
1500
1000
500
0
−500
−1000
100
102
104
106
108
110
Right In: -74.845+/-92.864 χ²/NDF: 2.1/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -42.221+/-75.927 χ²/NDF: 5.7/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-74.845+/-92.864 χ²/NDF: 2.1/4
-42.221+/-75.927 χ²/NDF: 5.7/6

reg_asym_sam_48_avg_rms vs slug



Right In: 123.939+/-0.066 χ^2/NDF: 161550.5/4

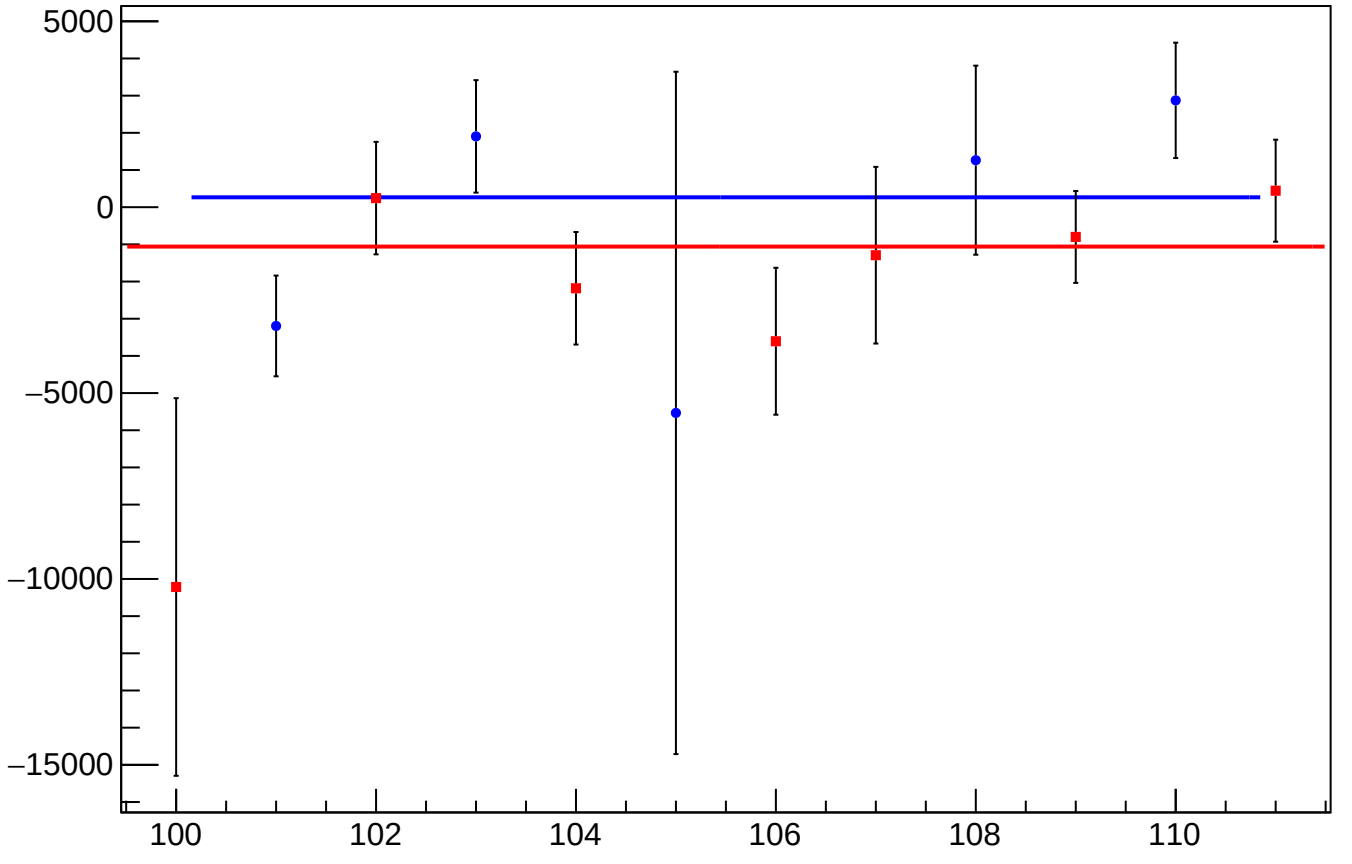
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 120.035+/-0.054 χ^2/NDF: 163152.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

123.939+/-0.066 χ^2/NDF: 161550.5/4

120.035+/-0.054 χ^2/NDF: 163152.8/6



Right In: 265.926+/-799.838 χ^2/NDF: 11.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

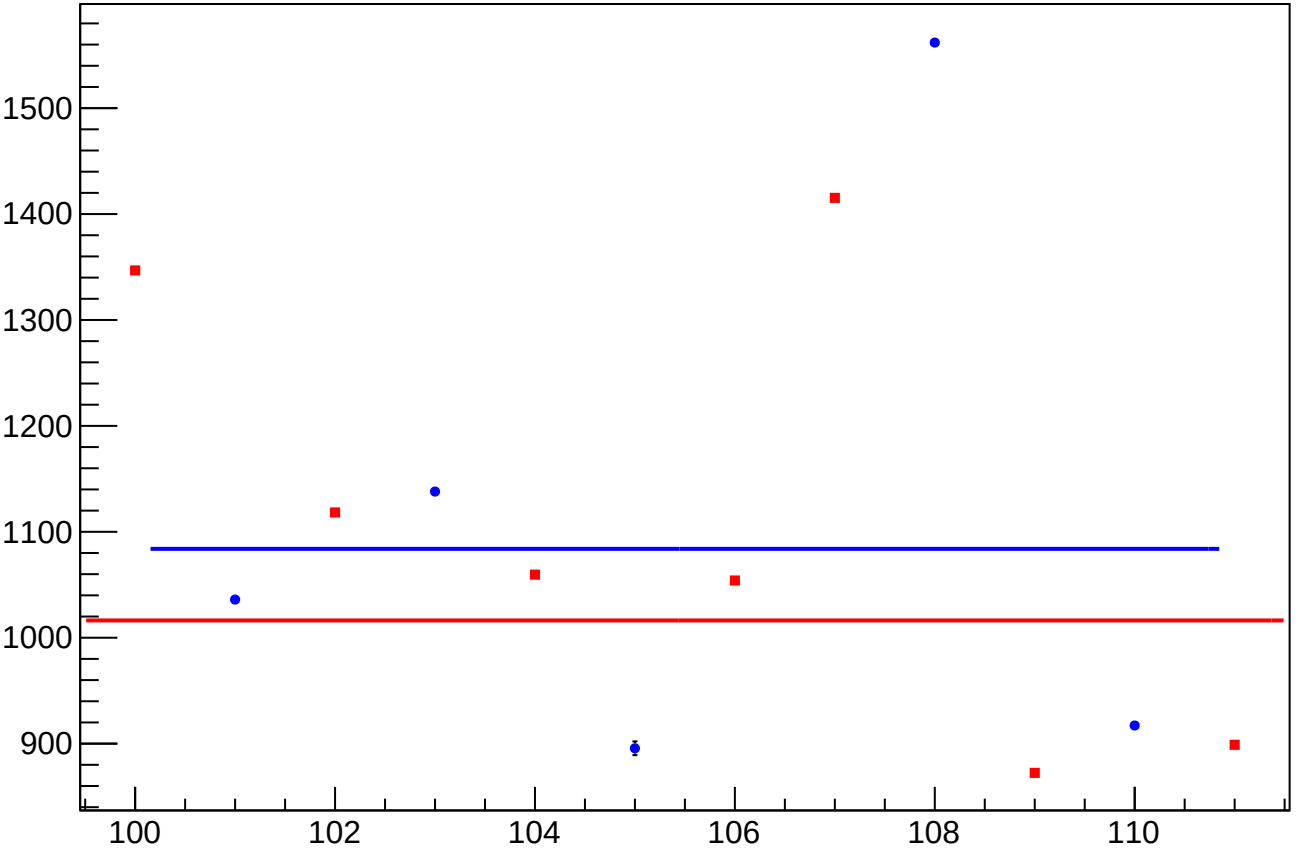
Right Out: -1059.473+/-628.568 χ^2/NDF: 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

265.926+/-799.838 χ^2/NDF: 11.1/4

-1059.473+/-628.568 χ^2/NDF: 7.5/6

asym_sam_48_avg_correction_rms vs slug



Right In: 1083.903+/-0.566 χ^2/NDF: 99677.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

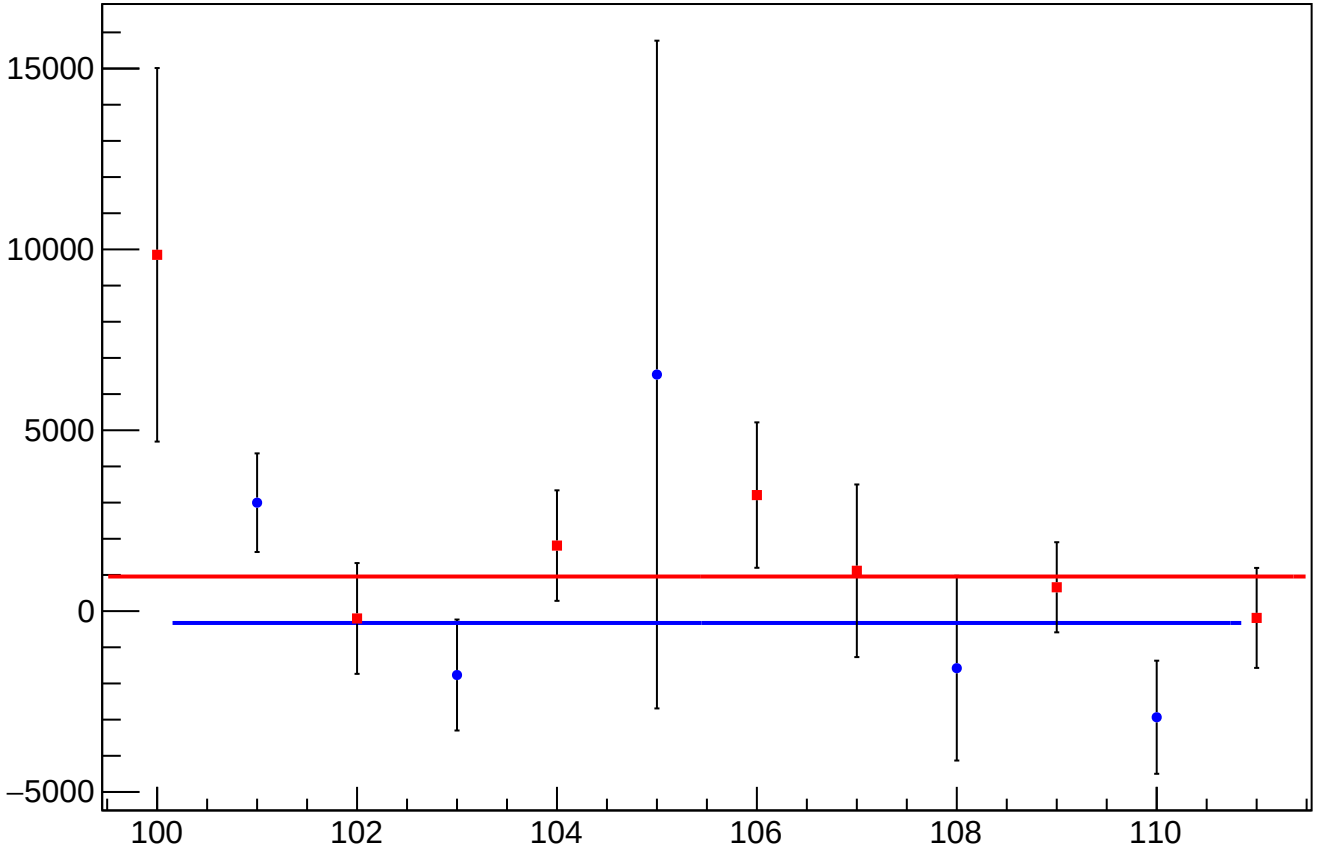
Right Out: 1016.323+/-0.444 χ^2/NDF: 118053.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1083.903+/-0.566 χ^2/NDF: 99677.8/4

1016.323+/-0.444 χ^2/NDF: 118053.1/6

asym_sam_48_avg_mean vs slug



Right In: -327.462+/-806.564 χ^2/NDF: 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

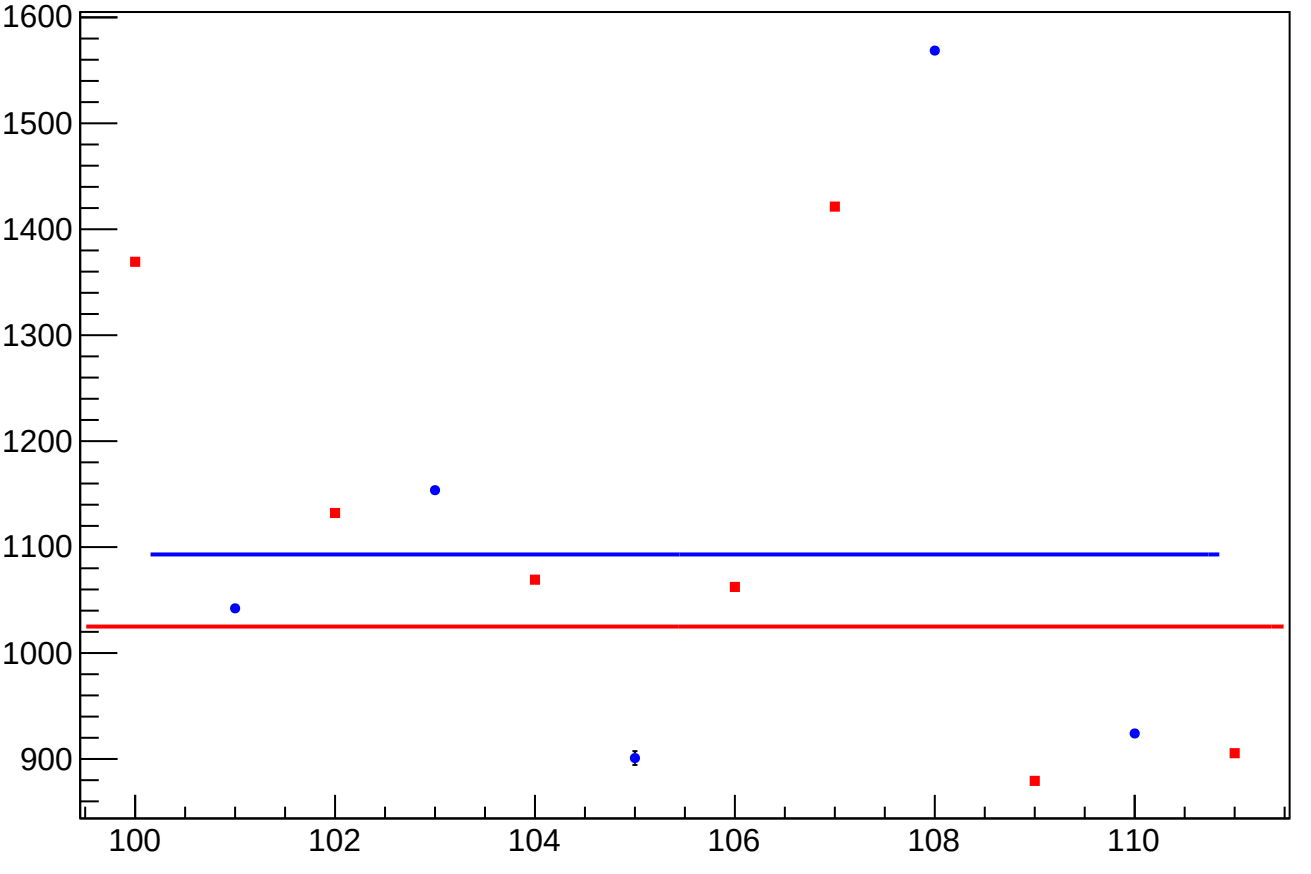
Right Out: 956.618+/-634.590 χ^2/NDF: 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-327.462+/-806.564 χ^2/NDF: 10.4/4

956.618+/-634.590 χ^2/NDF: 5.9/6

asym_sam_48_avg_rms vs slug



Right In: 1093.047+/-0.570 χ^2/NDF: 99512.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

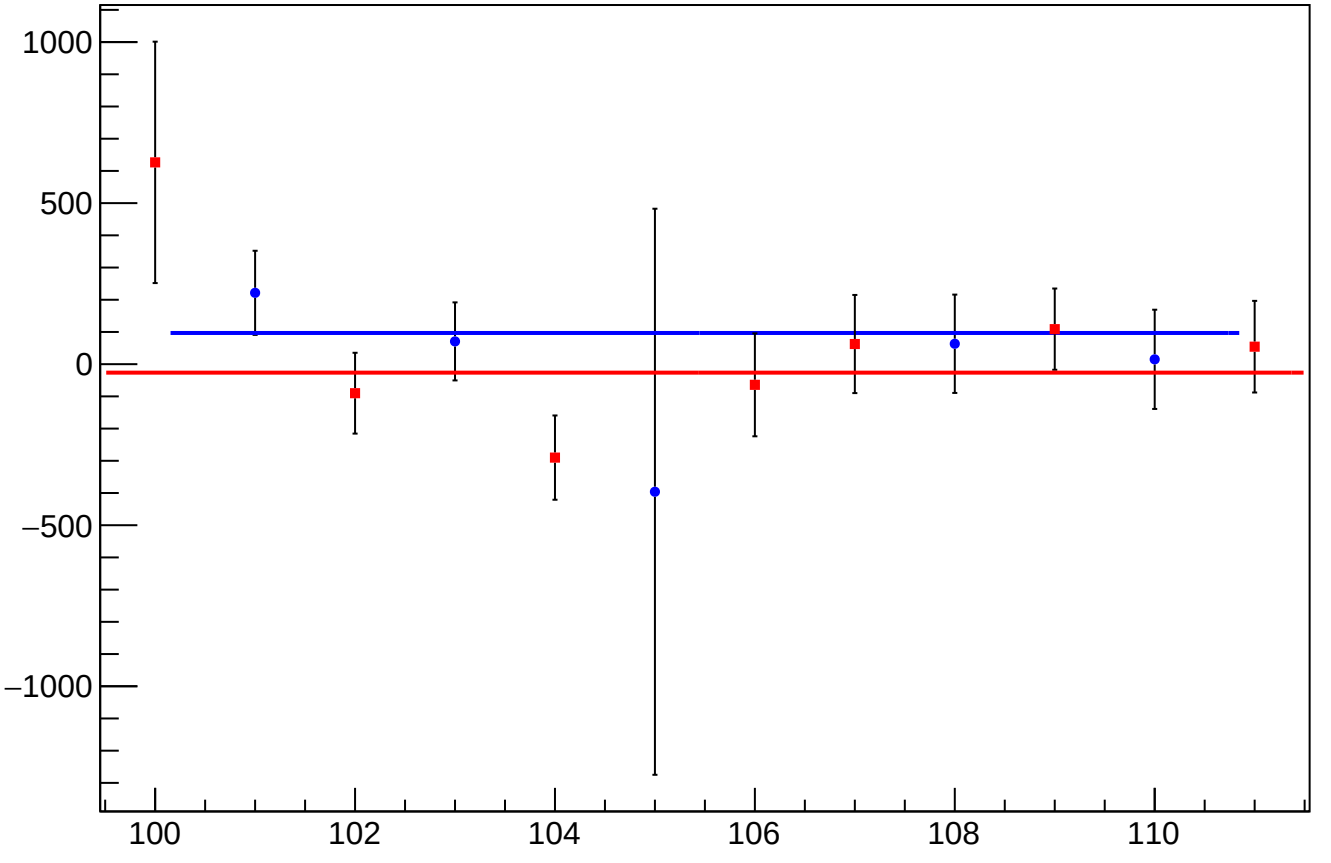
Right Out: 1024.994+/-0.449 χ^2/NDF: 118543.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1093.047+/-0.570 χ^2/NDF: 99512.6/4

1024.994+/-0.449 χ^2/NDF: 118543.5/6

reg_asym_sam_15_dd_mean vs slug



Right In: 96.872+/-68.498 χ^2/NDF: 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

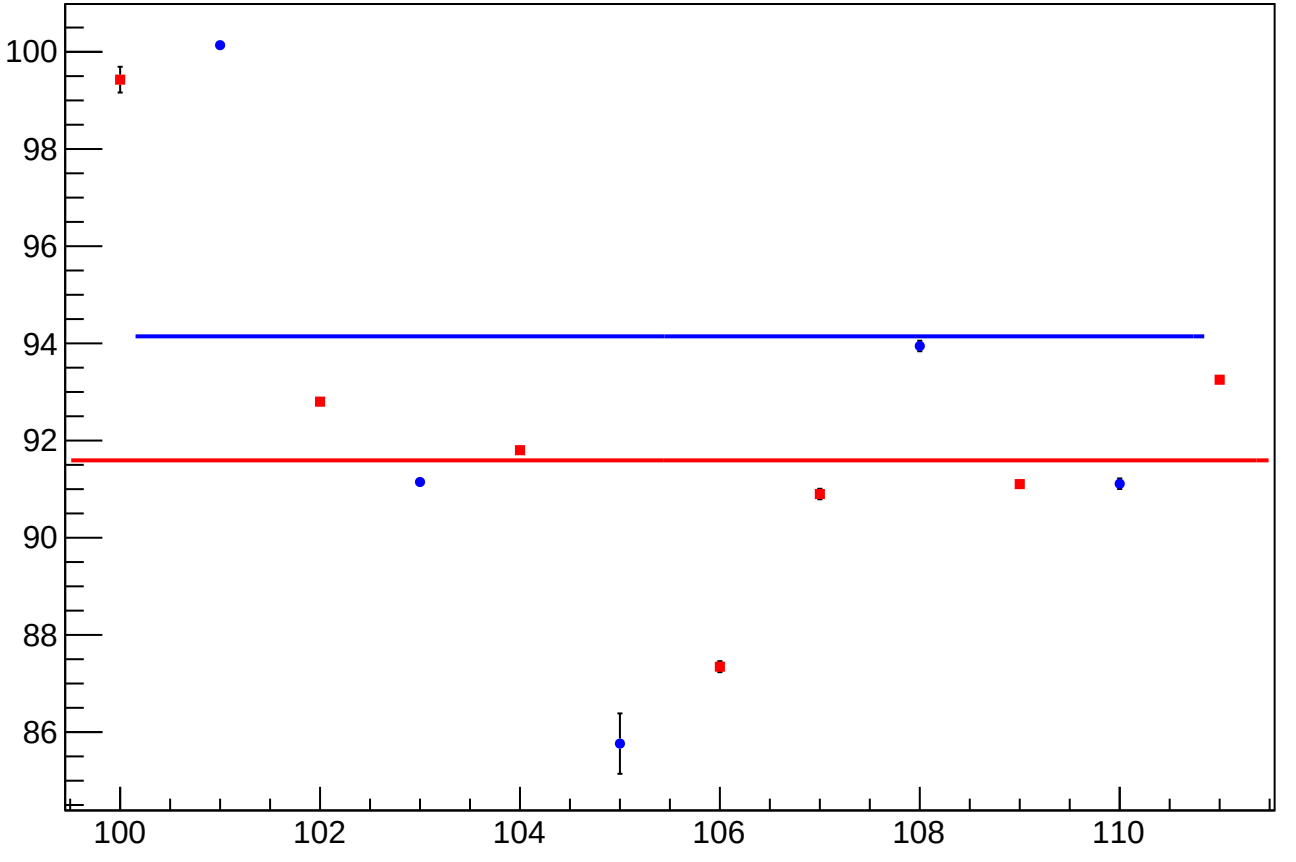
Right Out: -26.302+/-55.590 χ^2/NDF: 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

96.872+/-68.498 χ^2/NDF: 1.6/4

-26.302+/-55.590 χ^2/NDF: 9.2/6

reg_asym_sam_15_dd_rms vs slug



Right In: 94.145+/-0.048 χ^2/NDF: 6397.4/4

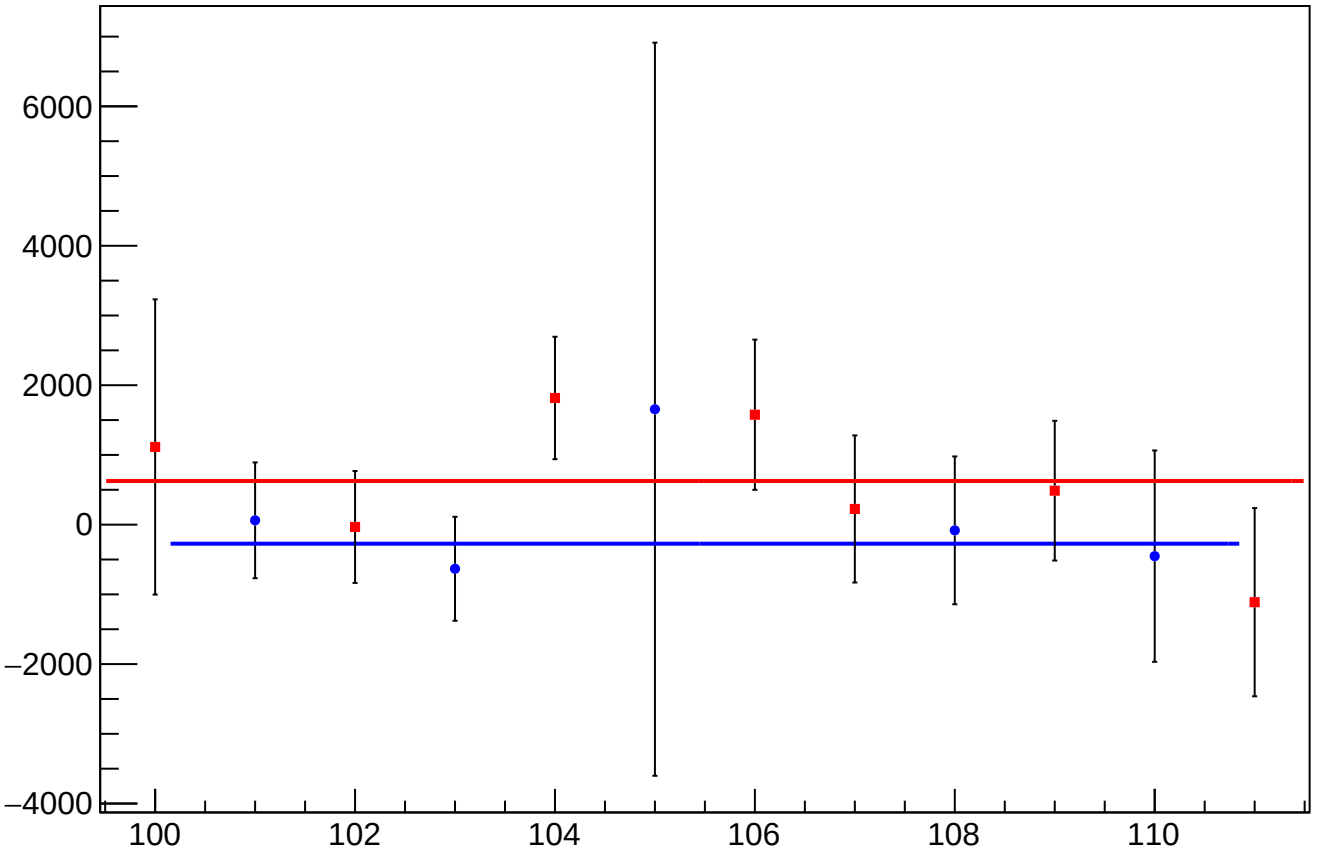
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 91.592+/-0.039 χ^2/NDF: 2820.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

94.145+/-0.048 χ^2/NDF: 6397.4/4

91.592+/-0.039 χ^2/NDF: 2820.3/6



Right In: -272.913+/-465.667 χ^2/NDF: 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

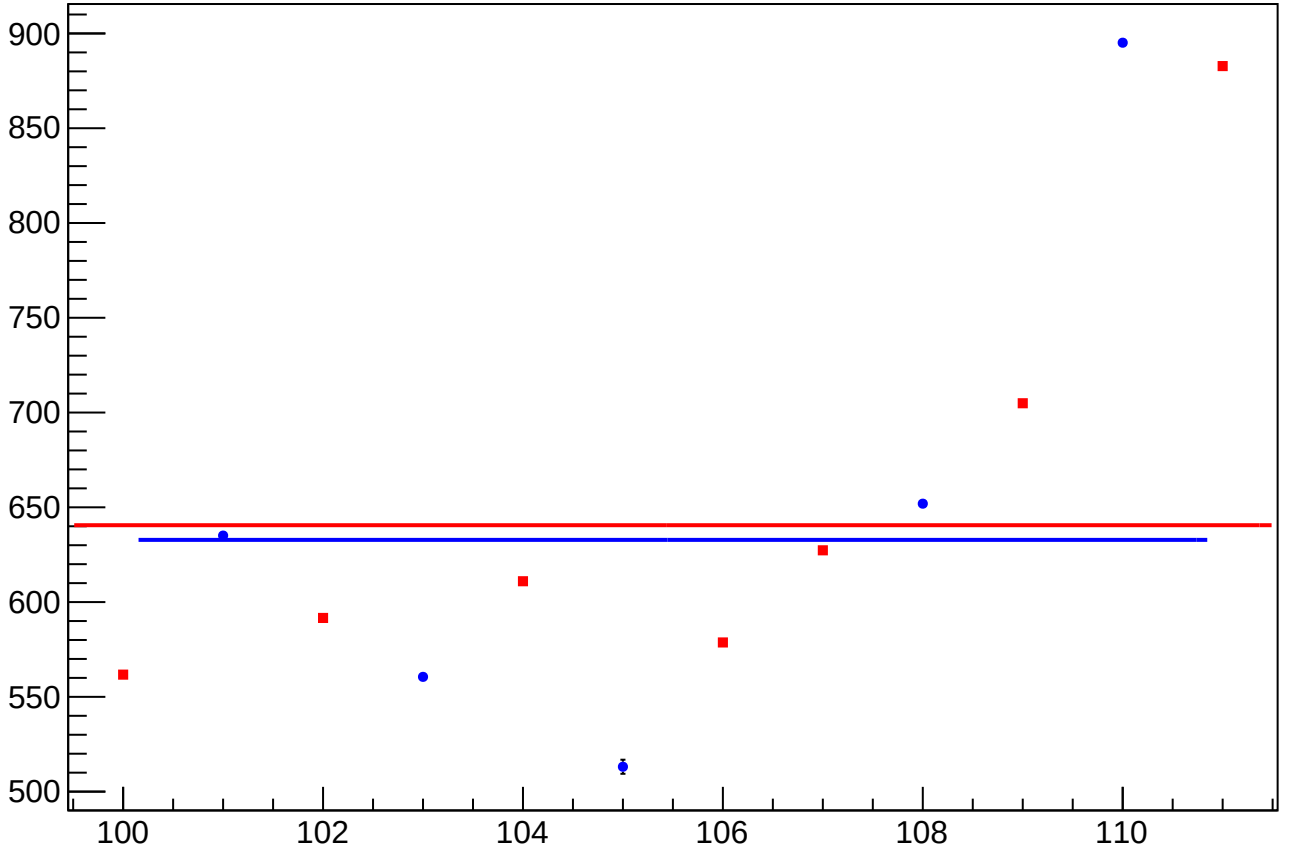
Right Out: 625.746+/-396.003 χ^2/NDF: 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-272.913+/-465.667 χ^2/NDF: 0.6/4

625.746+/-396.003 χ^2/NDF: 5.2/6

asym_sam_15_dd_correction_rms vs slug



Right In: 632.816+/-0.329 χ^2/NDF: 80387.5/4

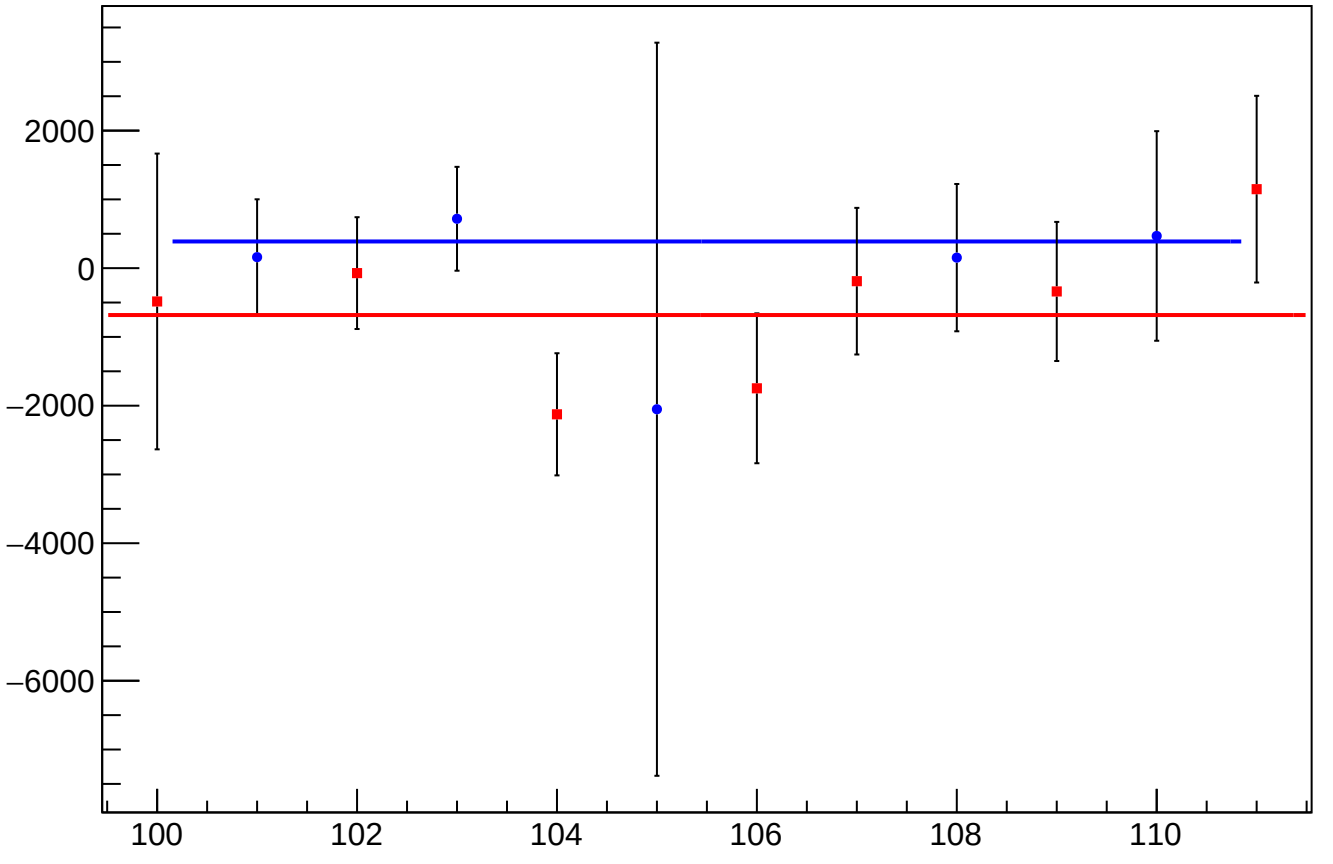
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 640.558+/-0.280 χ^2/NDF: 92038.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

632.816+/-0.329 χ^2/NDF: 80387.5/4

640.558+/-0.280 χ^2/NDF: 92038.1/6



Right In: 388.083+/-471.114 χ^2/NDF: 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

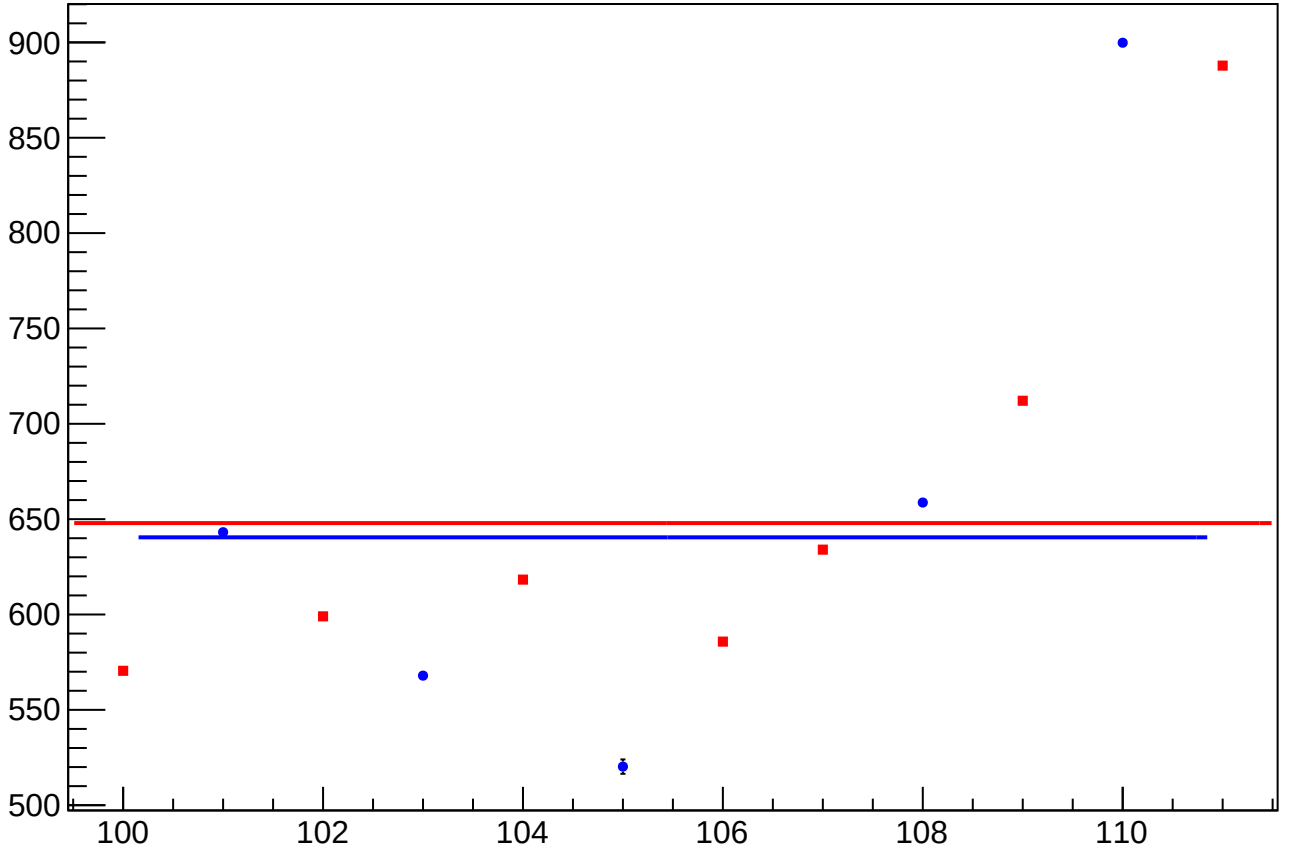
Right Out: -681.797+/-400.343 χ^2/NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

388.083+/-471.114 χ^2/NDF: 0.5/4

-681.797+/-400.343 χ^2/NDF: 6.3/6

asym_sam_15_dd_rms vs slug



Right In: 640.464+/-0.333 χ^2/NDF: 78005.3/4

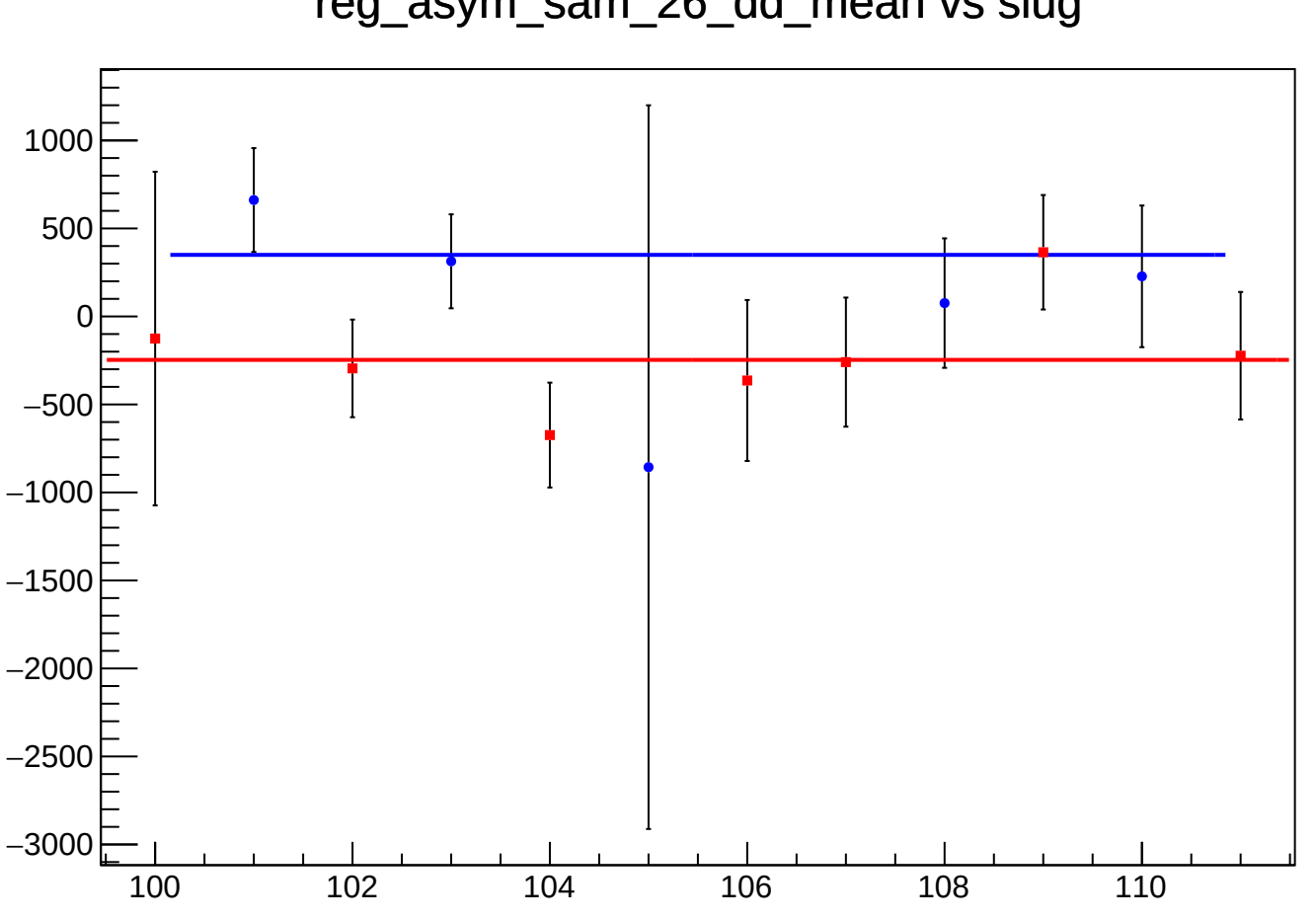
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 647.936+/-0.283 χ^2/NDF: 89416.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

640.464+/-0.333 χ^2/NDF: 78005.3/4

647.936+/-0.283 χ^2/NDF: 89416.2/6



Right In: 349.830+/-159.472 χ^2/NDF: 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

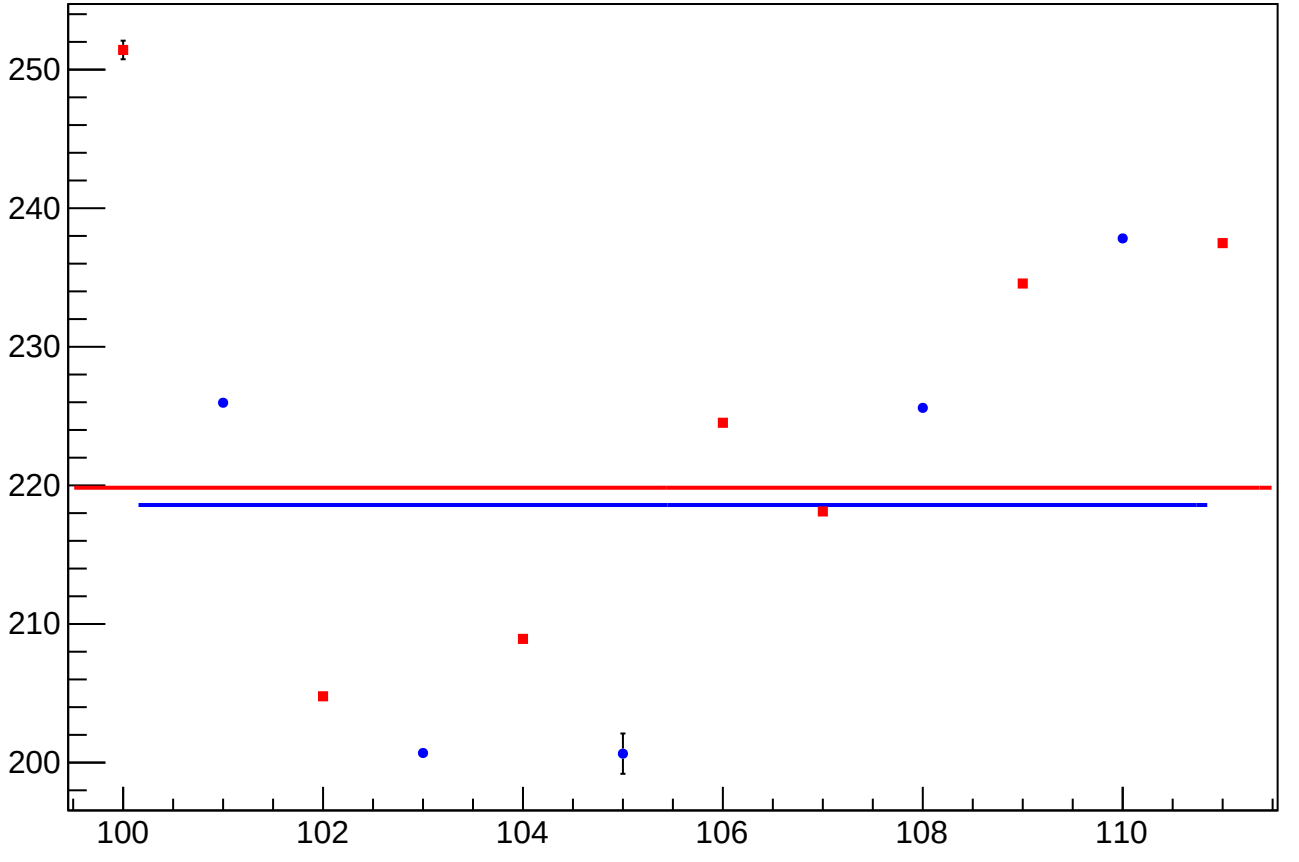
Right Out: -246.771+/-135.241 χ^2/NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

349.830+/-159.472 χ^2/NDF: 2.1/4

-246.771+/-135.241 χ^2/NDF: 5.7/6

reg_asym_sam_26_dd_rms vs slug



Right In: 218.586+/-0.113 χ^2/NDF: 15684.6/4

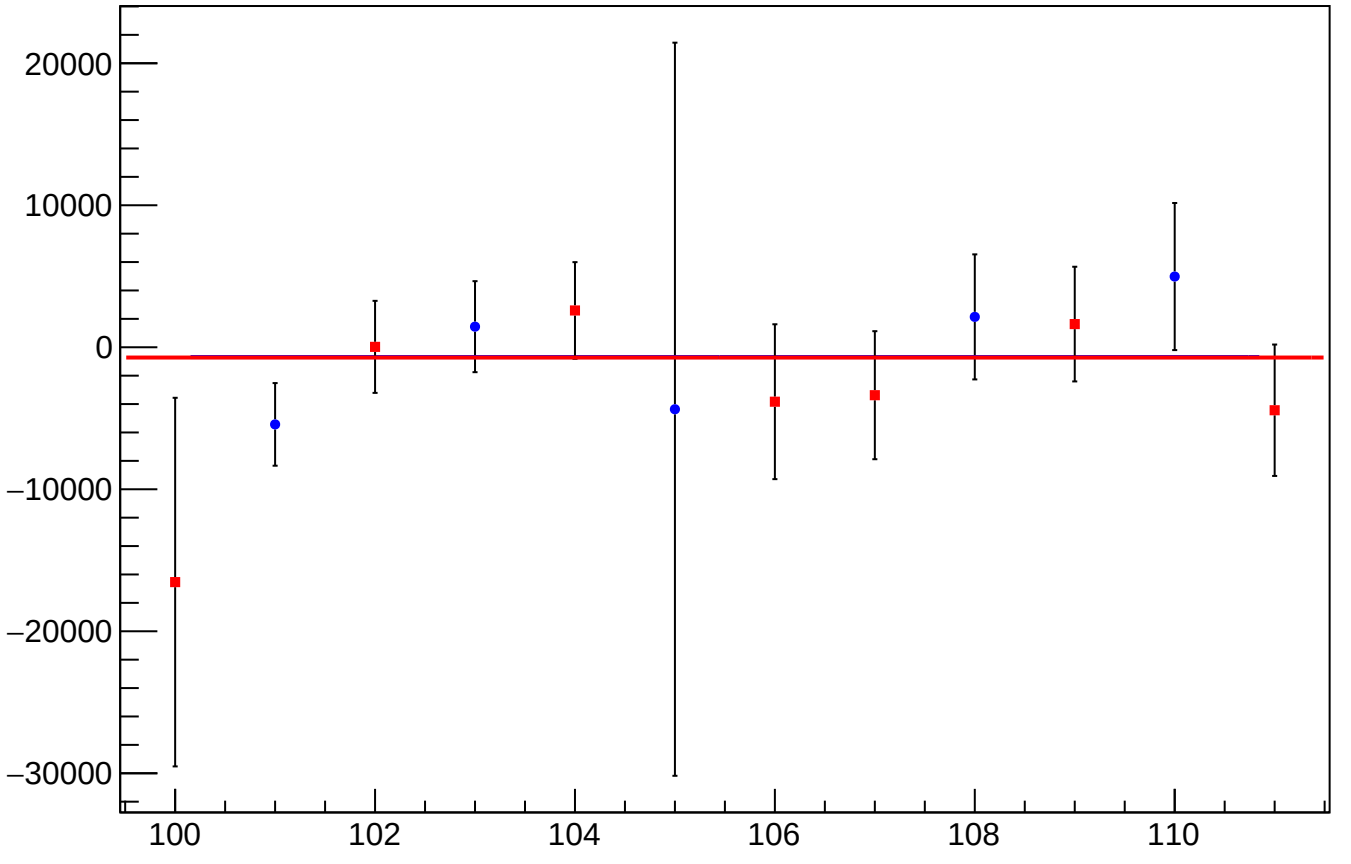
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 219.833+/-0.096 χ^2/NDF: 19897.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

218.586+/-0.113 χ^2/NDF: 15684.6/4

219.833+/-0.096 χ^2/NDF: 19897.6/6



Right In: -689.441+/-1808.164 χ^2/NDF: 4.7/4

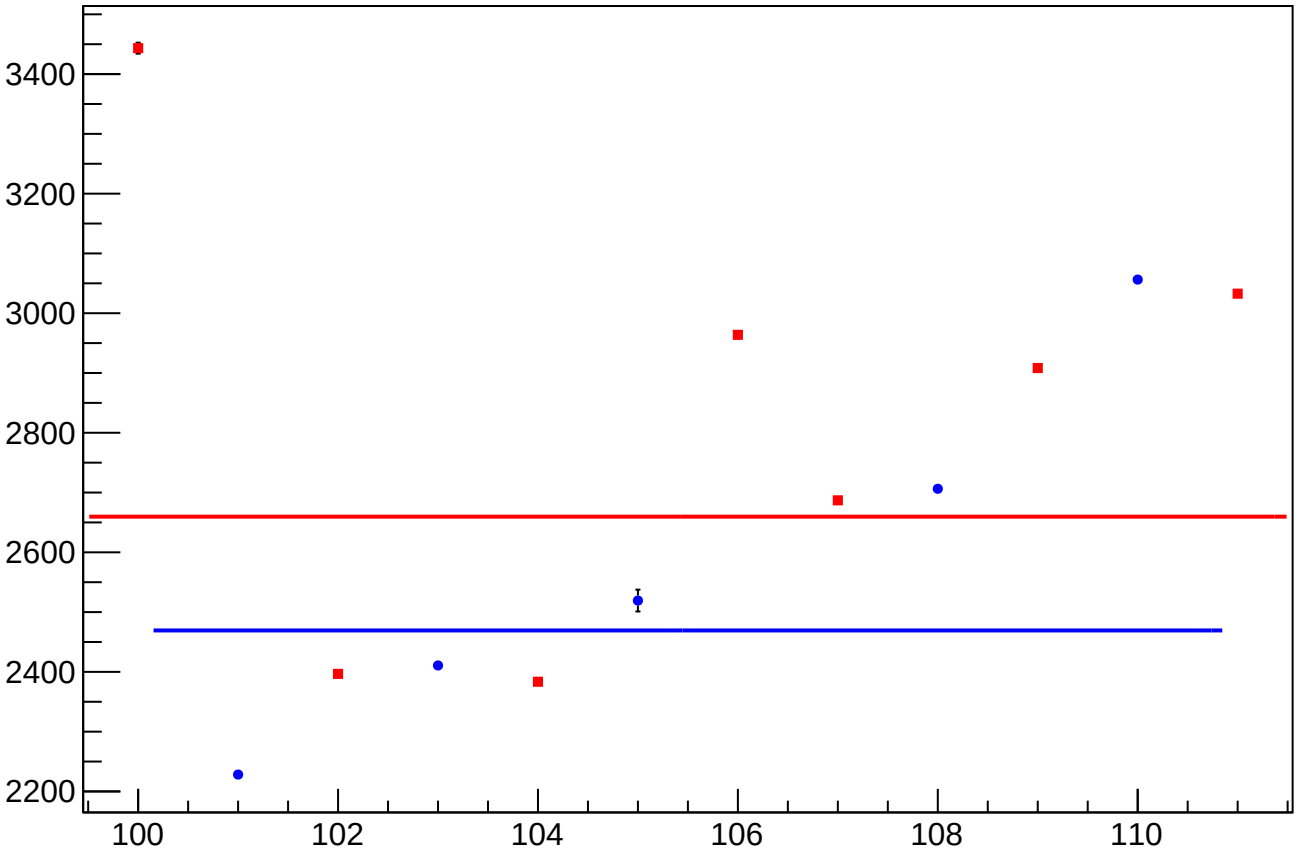
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -723.500+/-1625.626 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-689.441+/-1808.164 χ^2/NDF: 4.7/4

-723.500+/-1625.626 χ^2/NDF: 4.1/6



Right In: 2469.314+/-1.279 χ^2/NDF: 45889.9/4

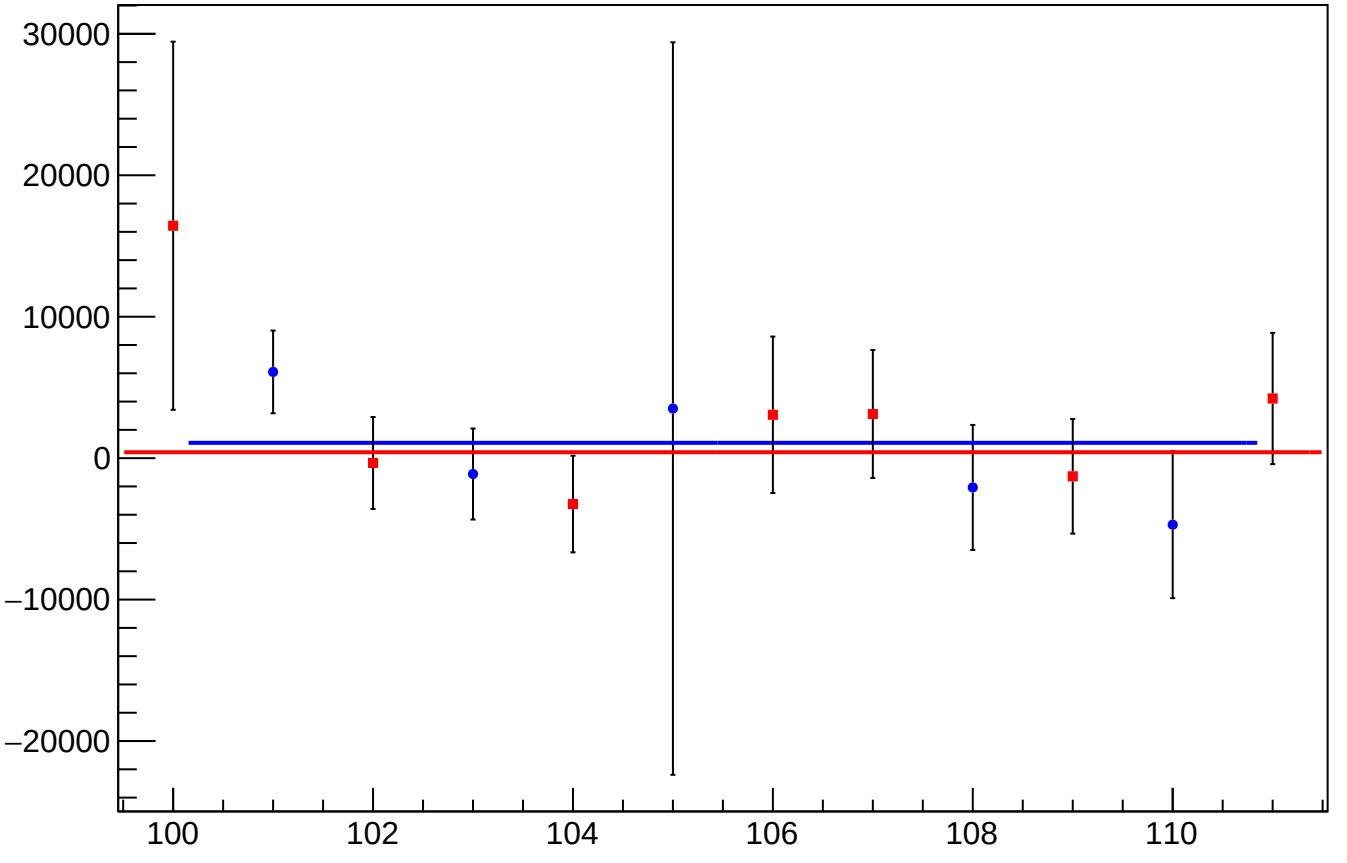
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2659.670+/-1.149 χ^2/NDF: 60516.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2469.314+/-1.279 χ^2/NDF: 45889.9/4

2659.670+/-1.149 χ^2/NDF: 60516.8/6



Right In: 1084.727+/-1815.599 χ^2/NDF: 5.2/4

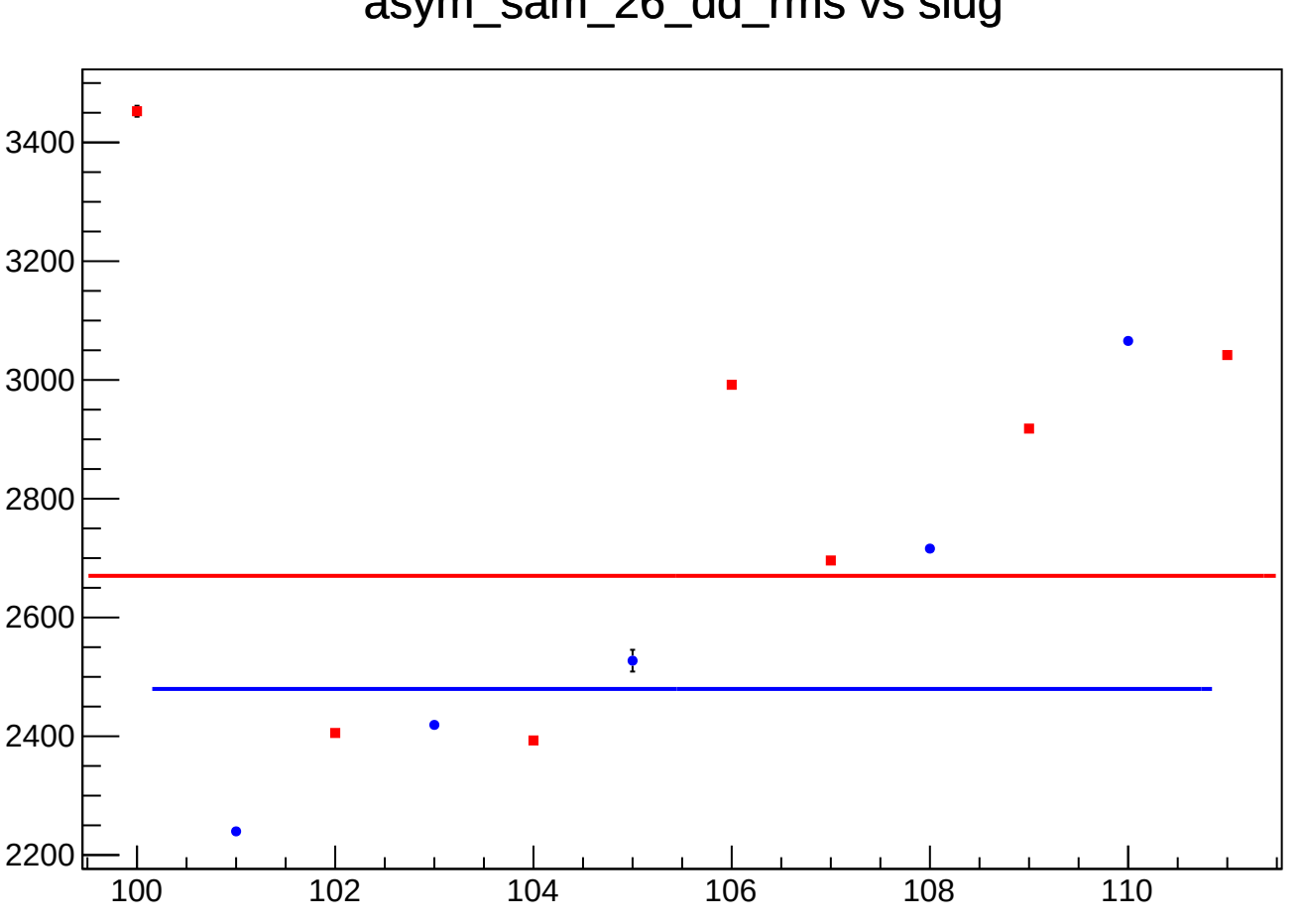
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 418.585+/-1632.912 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1084.727+/-1815.599 χ^2/NDF: 5.2/4

418.585+/-1632.912 χ^2/NDF: 4.2/6



Right In: 2479.676+/-1.284 χ^2/NDF: 45338.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

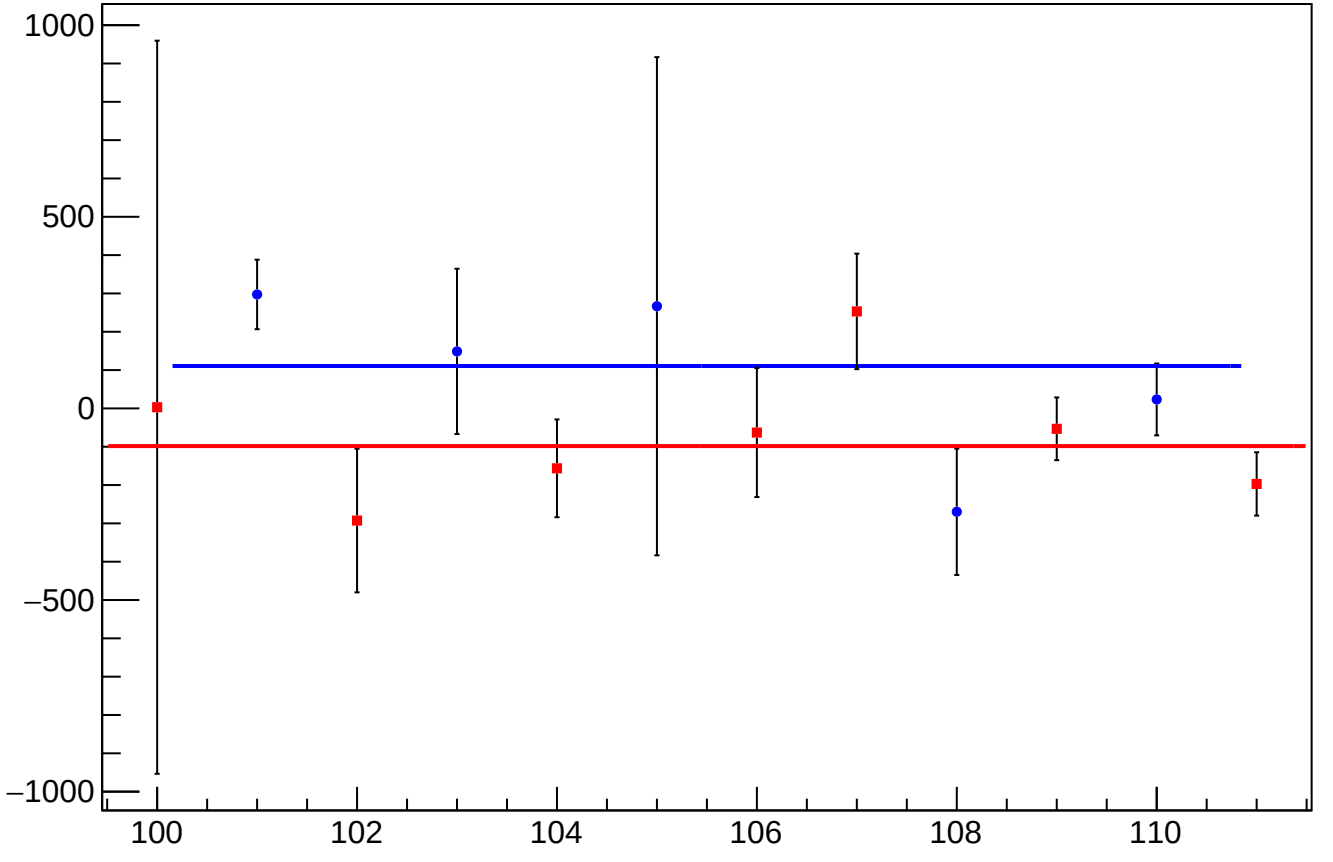
Right Out: 2670.155+/-1.155 χ^2/NDF: 60800.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2479.676+/-1.284 χ^2/NDF: 45338.3/4

2670.155+/-1.155 χ^2/NDF: 60800.9/6

reg_asym_sam_37_dd_mean vs slug



Right In: 110.618+/-58.142 χ^2/NDF: 10.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

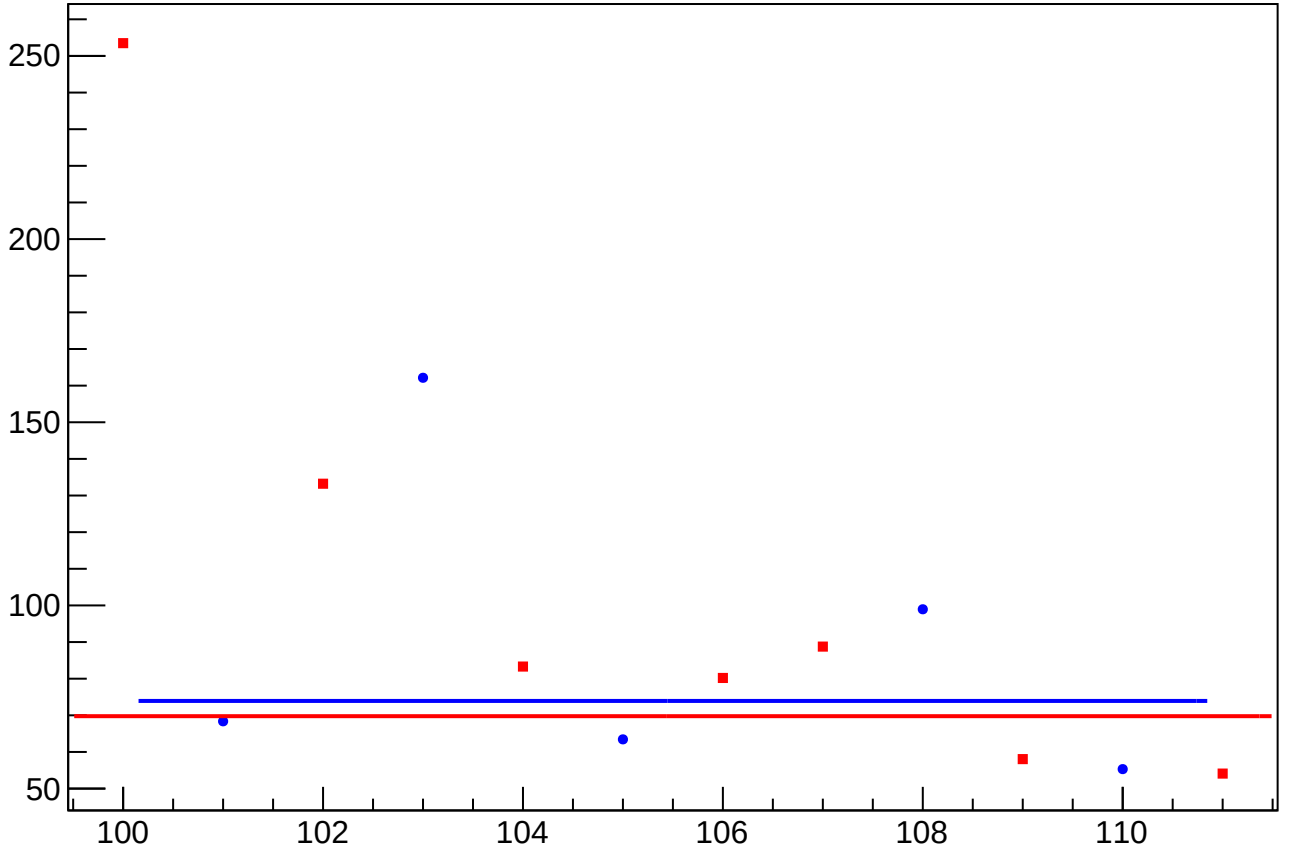
Right Out: -98.346+/-46.313 χ^2/NDF: 8.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

110.618+/-58.142 χ^2/NDF: 10.5/4

-98.346+/-46.313 χ^2/NDF: 8.5/6

reg_asym_sam_37_dd_rms vs slug



Right In: 73.928+/-0.041 χ^2/NDF: 467356.4/4

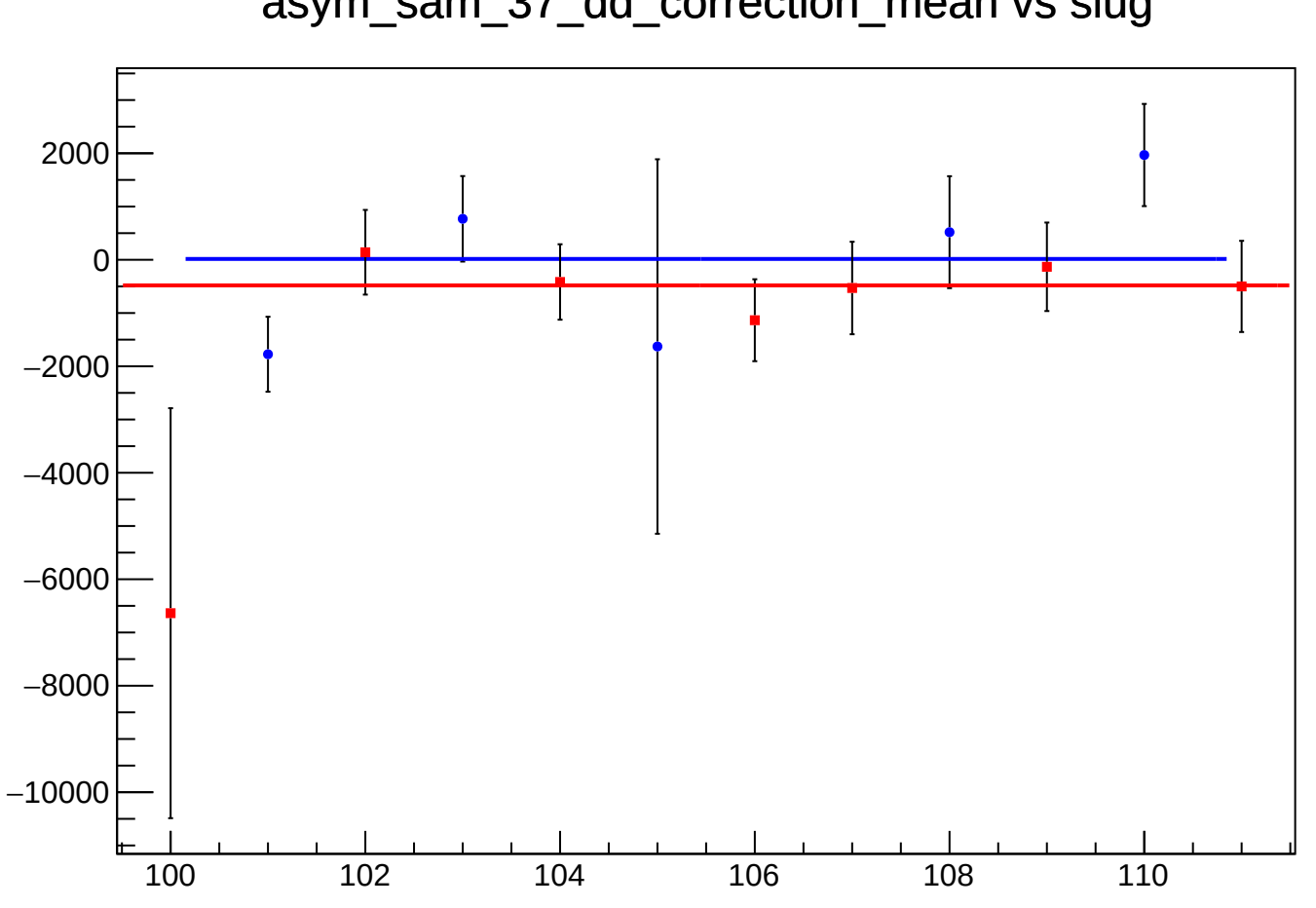
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 69.766+/-0.033 χ^2/NDF: 478175.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

73.928+/-0.041 χ^2/NDF: 467356.4/4

69.766+/-0.033 χ^2/NDF: 478175.7/6



Right In: 15.782+/-421.035 χ^2/NDF: 11.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

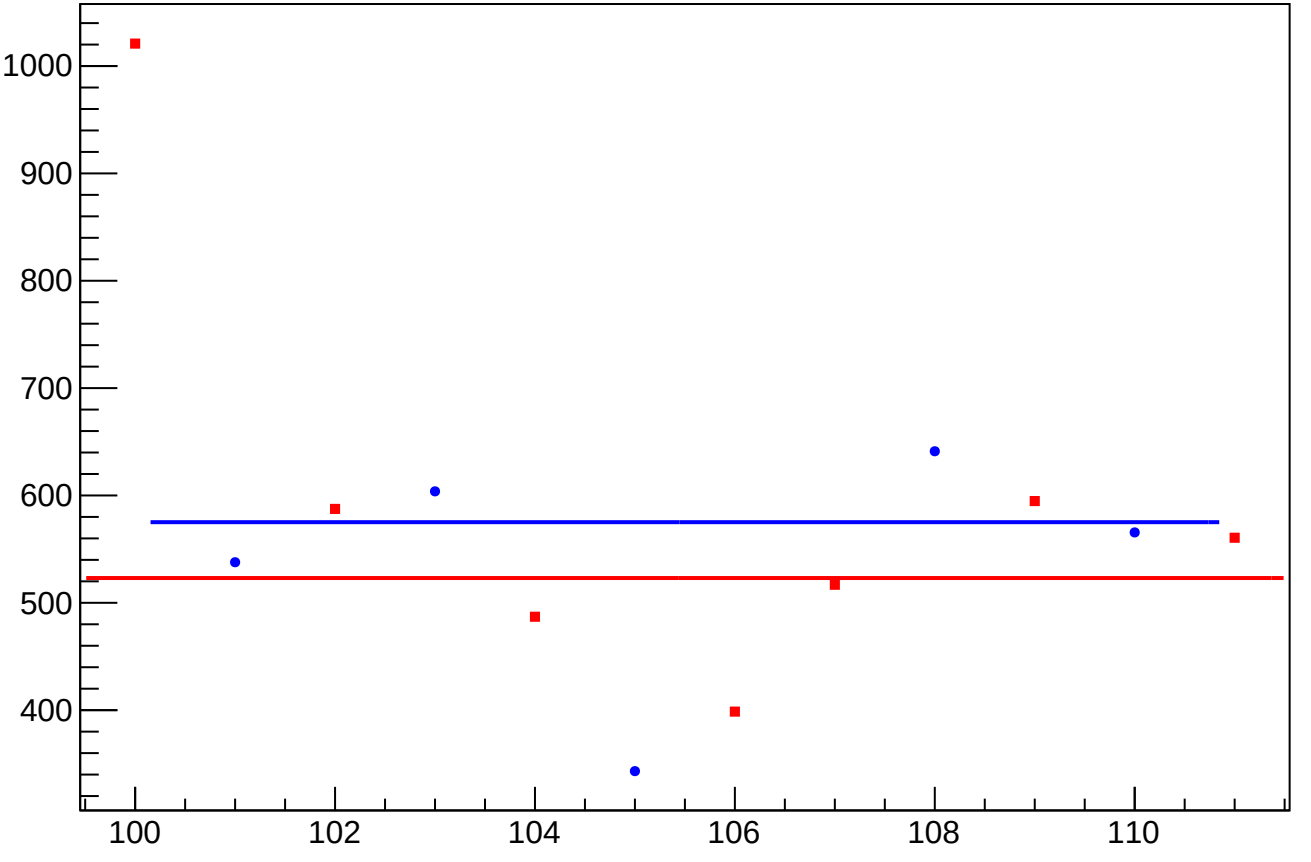
Right Out: -480.509+/-324.971 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

15.782+/-421.035 χ^2/NDF: 11.9/4

-480.509+/-324.971 χ^2/NDF: 4.1/6

asym_sam_37_dd_correction_rms vs slug



Right In: 575.117+/-0.298 χ^2/NDF: 24975.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

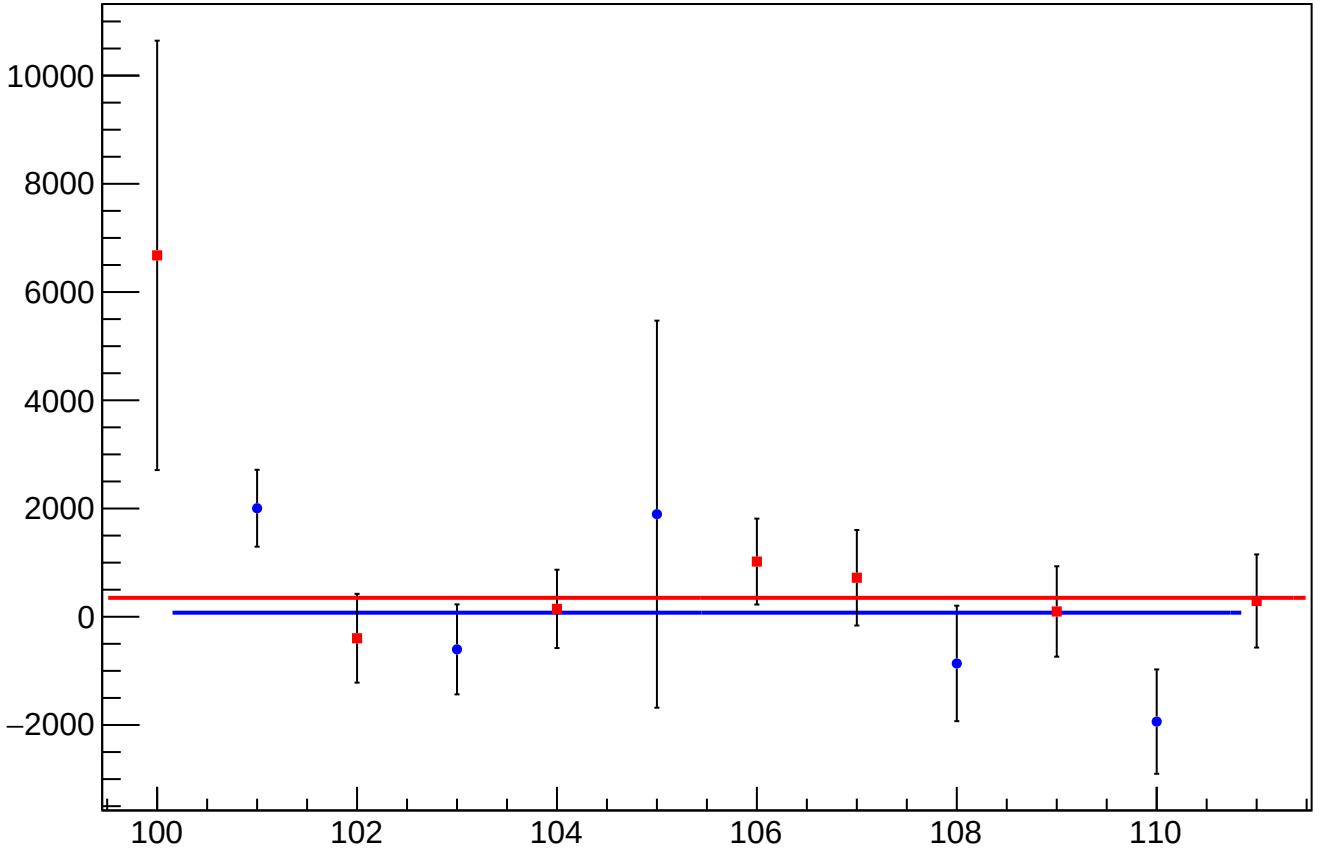
Right Out: 523.086+/-0.230 χ^2/NDF: 122873.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

575.117+/-0.298 χ^2/NDF: 24975.3/4

523.086+/-0.230 χ^2/NDF: 122873.2/6

asym_sam_37_dd_mean vs slug



Right In: 75.174+/-427.980 χ^2/NDF: 13.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

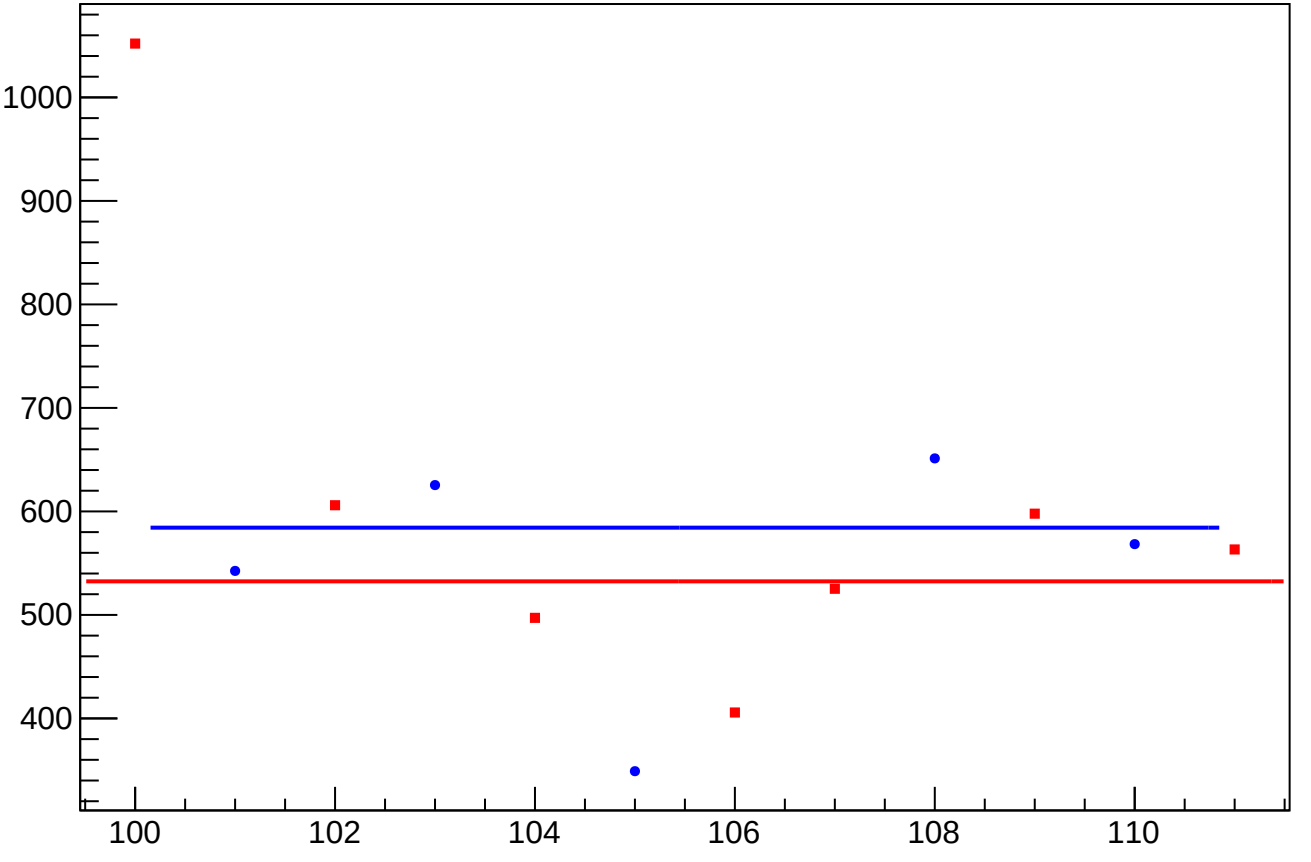
Right Out: 349.876+/-331.273 χ^2/NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

75.174+/-427.980 χ^2/NDF: 13.4/4

349.876+/-331.273 χ^2/NDF: 4.4/6

asym_sam_37_dd_rms vs slug



Right In: 584.310+/-0.303 χ^2/NDF: 28881.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

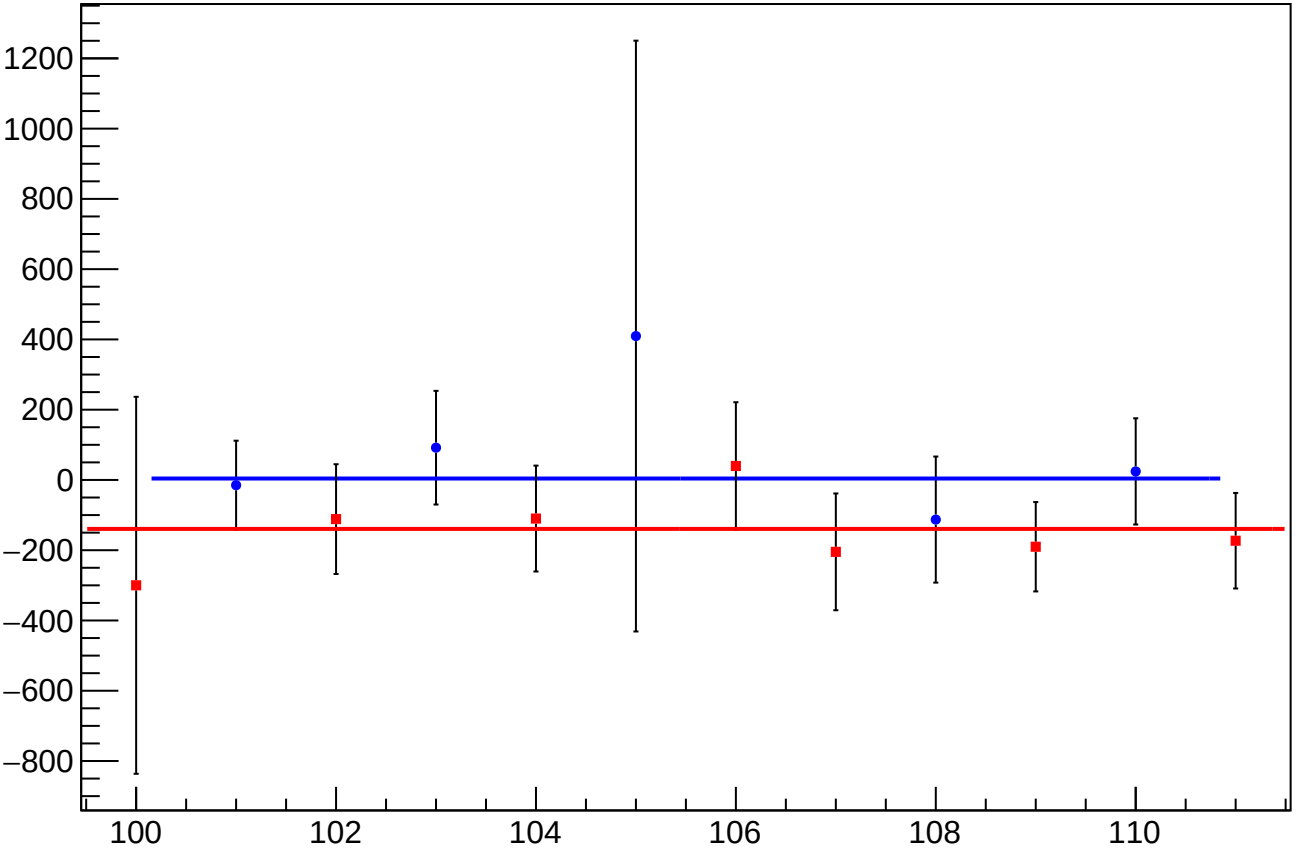
Right Out: 532.437+/-0.234 χ^2/NDF: 121008.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

584.310+/-0.303 χ^2/NDF: 28881.2/4

532.437+/-0.234 χ^2/NDF: 121008.0/6

reg_asym_sam_48_dd_mean vs slug



Right In: 4.071+/-75.203 χ^2/NDF: 1.0/4

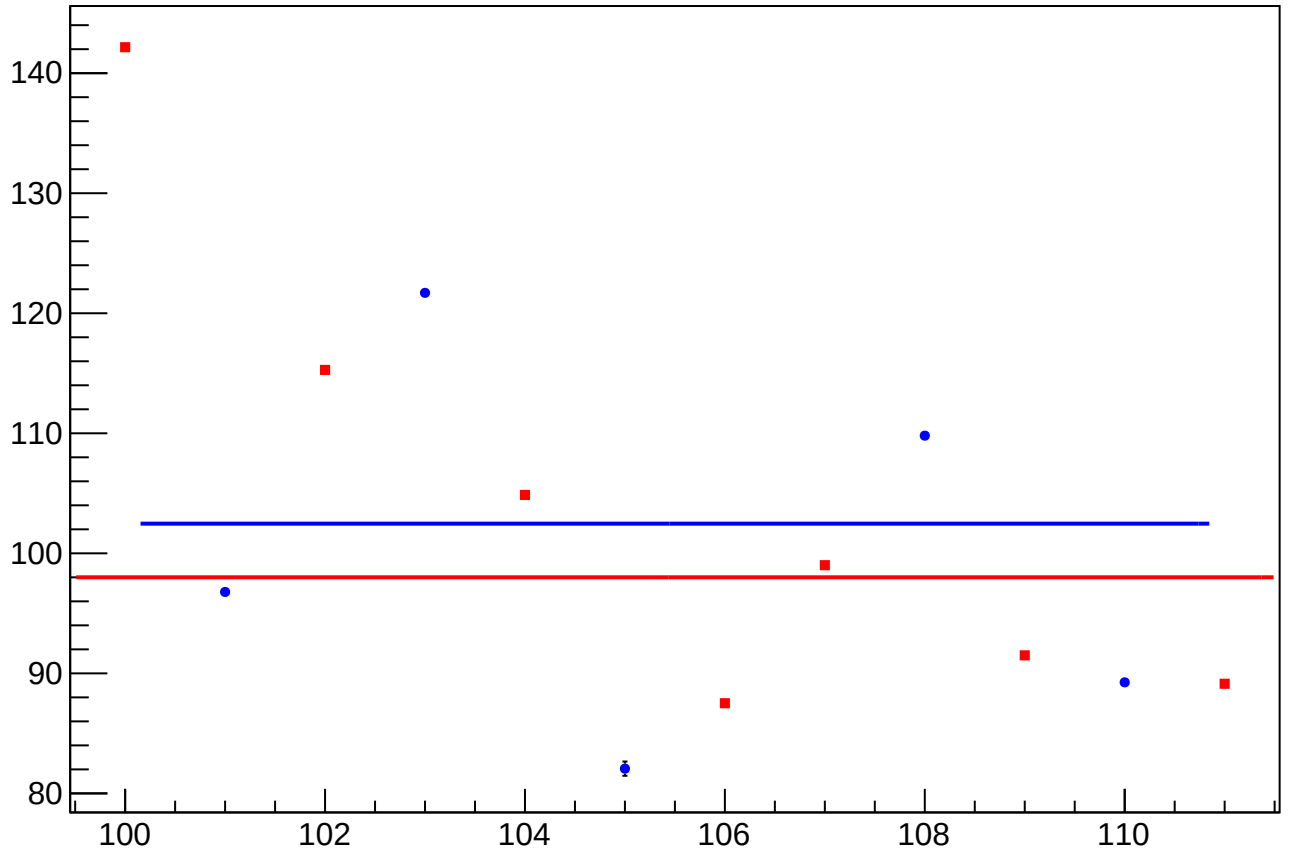
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -139.335+/-60.748 χ^2/NDF: 1.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4.071+/-75.203 χ^2/NDF: 1.0/4

-139.335+/-60.748 χ^2/NDF: 1.5/6



Right In: 102.473+/-0.053 χ^2/NDF: 52104.1/4

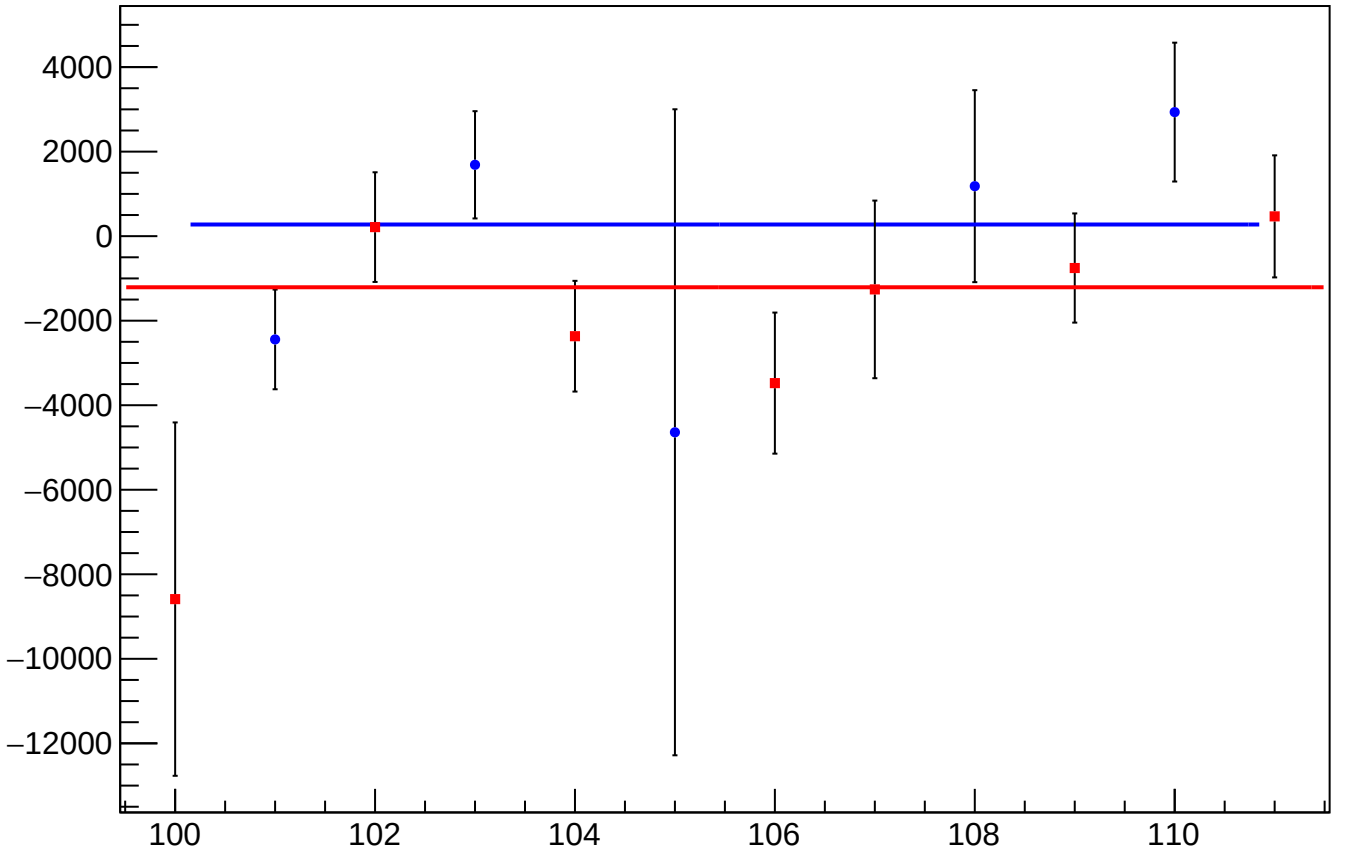
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 98.004+/-0.043 χ^2/NDF: 62667.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

102.473+/-0.053 χ^2/NDF: 52104.1/4

98.004+/-0.043 χ^2/NDF: 62667.4/6



Right In: 275.739+/-721.408 χ^2/NDF: 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

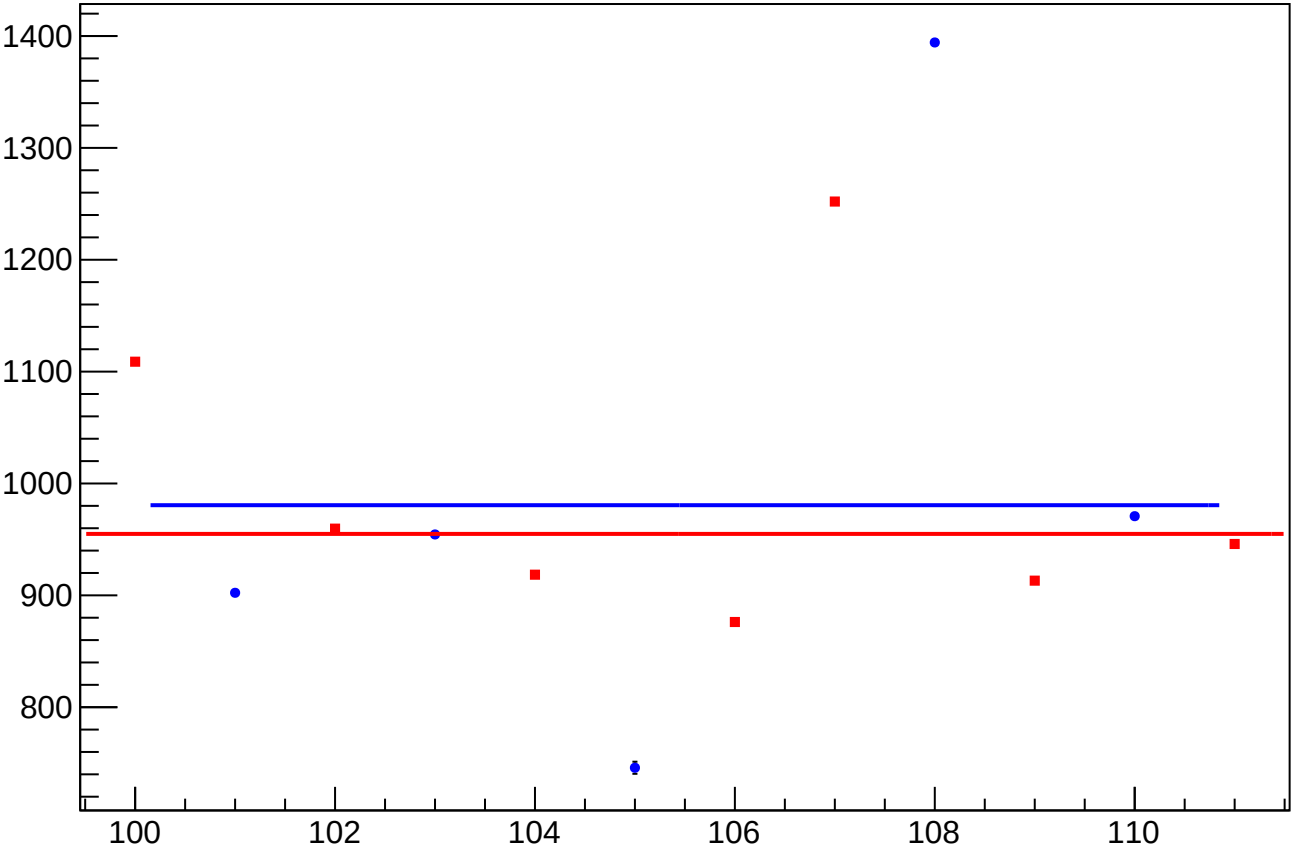
Right Out: -1209.202+/-587.366 χ^2/NDF: 8.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

275.739+/-721.408 χ^2/NDF: 9.7/4

-1209.202+/-587.366 χ^2/NDF: 8.4/6

asym_sam_48_dd_correction_rms vs slug



Right In: 980.590+/-0.510 χ^2/NDF: 77966.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

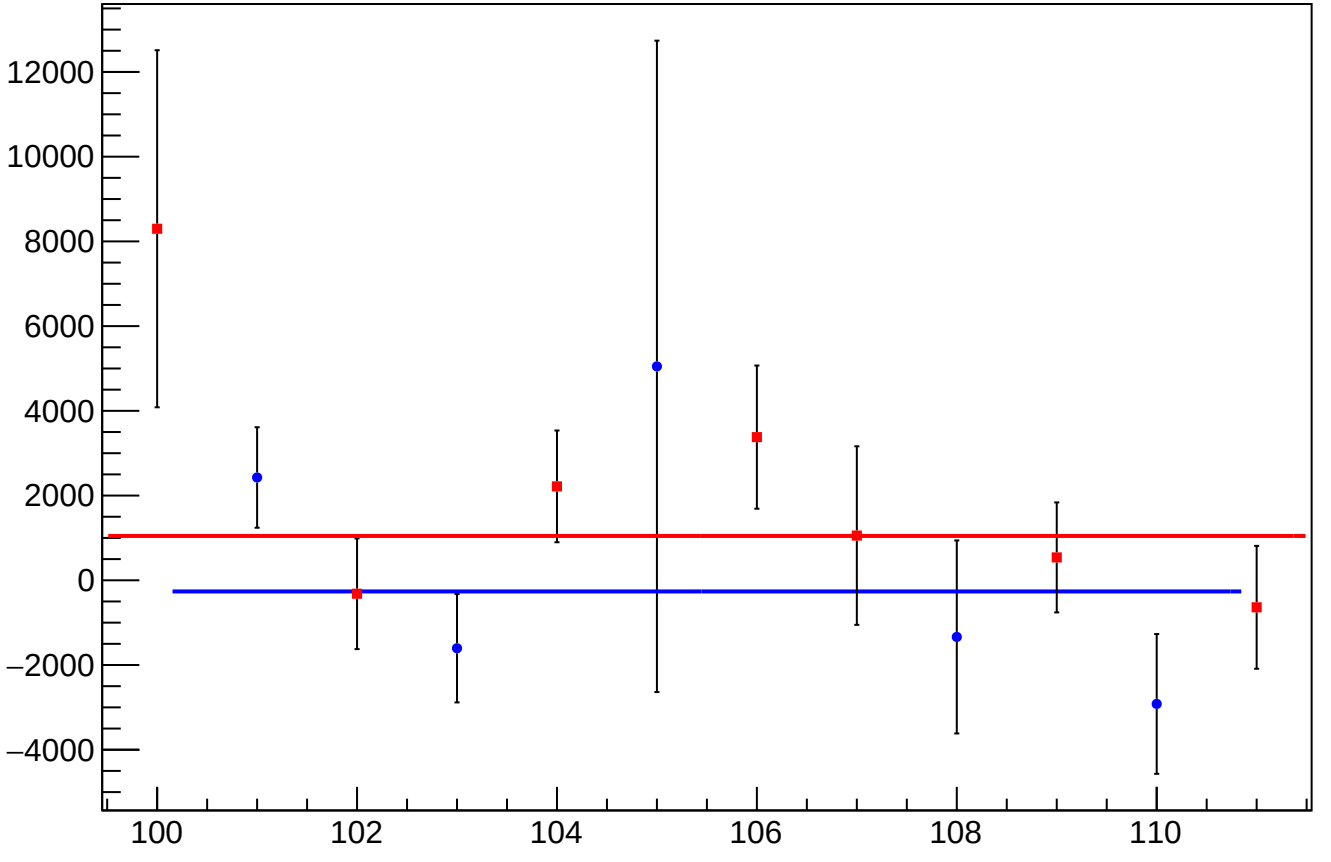
Right Out: 954.925+/-0.415 χ^2/NDF: 50894.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

980.590+/-0.510 χ^2/NDF: 77966.4/4

954.925+/-0.415 χ^2/NDF: 50894.6/6

asym_sam_48_dd_mean vs slug



Right In: -263.433+/-725.742 χ^2/NDF: 9.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

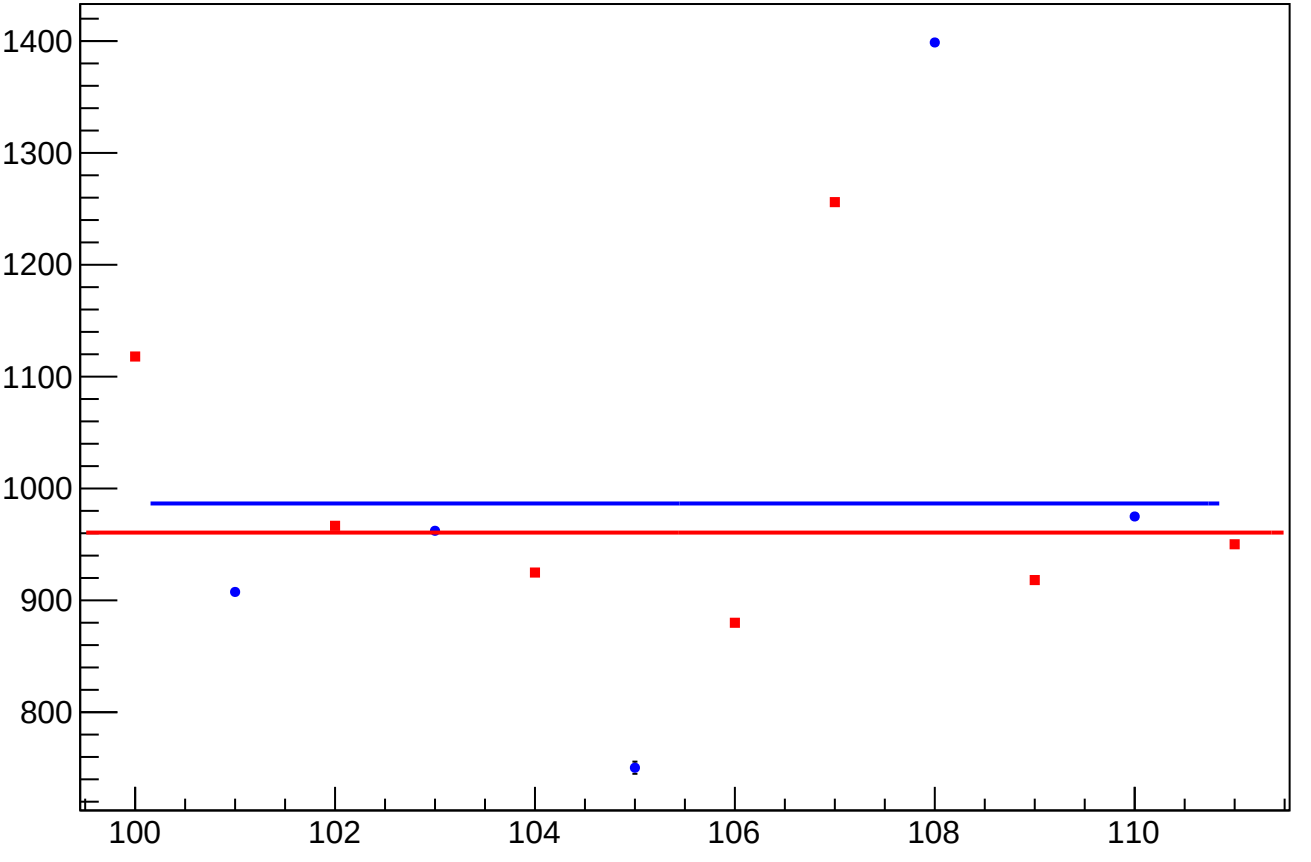
Right Out: 1046.584+/-591.288 χ^2/NDF: 8.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-263.433+/-725.742 χ^2/NDF: 9.5/4

1046.584+/-591.288 χ^2/NDF: 8.2/6

asym_sam_48_dd_rms vs slug



Right In: 986.610+/-0.513 χ^2/NDF: 77037.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

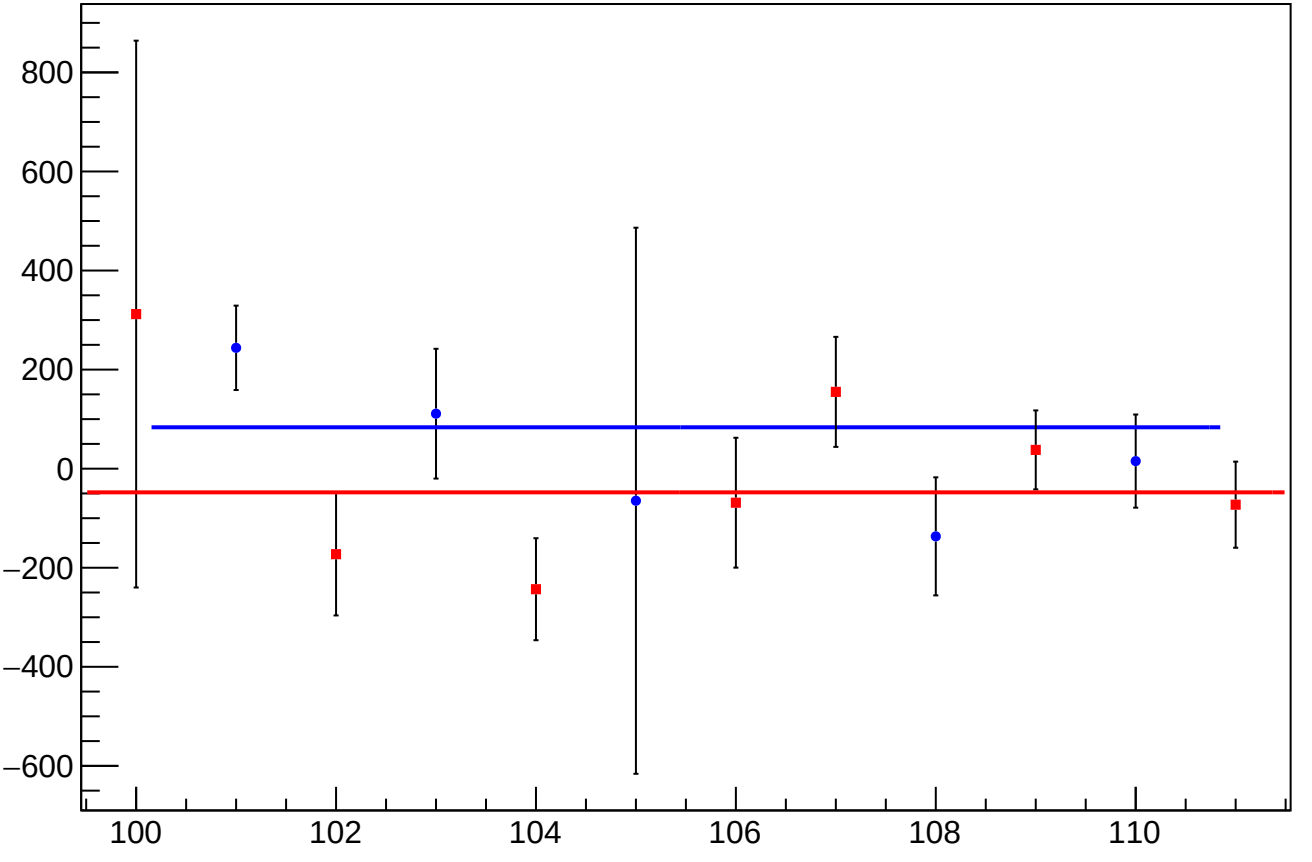
Right Out: 960.583+/-0.418 χ^2/NDF: 50372.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

986.610+/-0.513 χ^2/NDF: 77037.7/4

960.583+/-0.418 χ^2/NDF: 50372.5/6

reg_asym_sam_13_57_dd_mean vs slug



Right In: 83.555+/-51.103 χ^2/NDF: 7.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

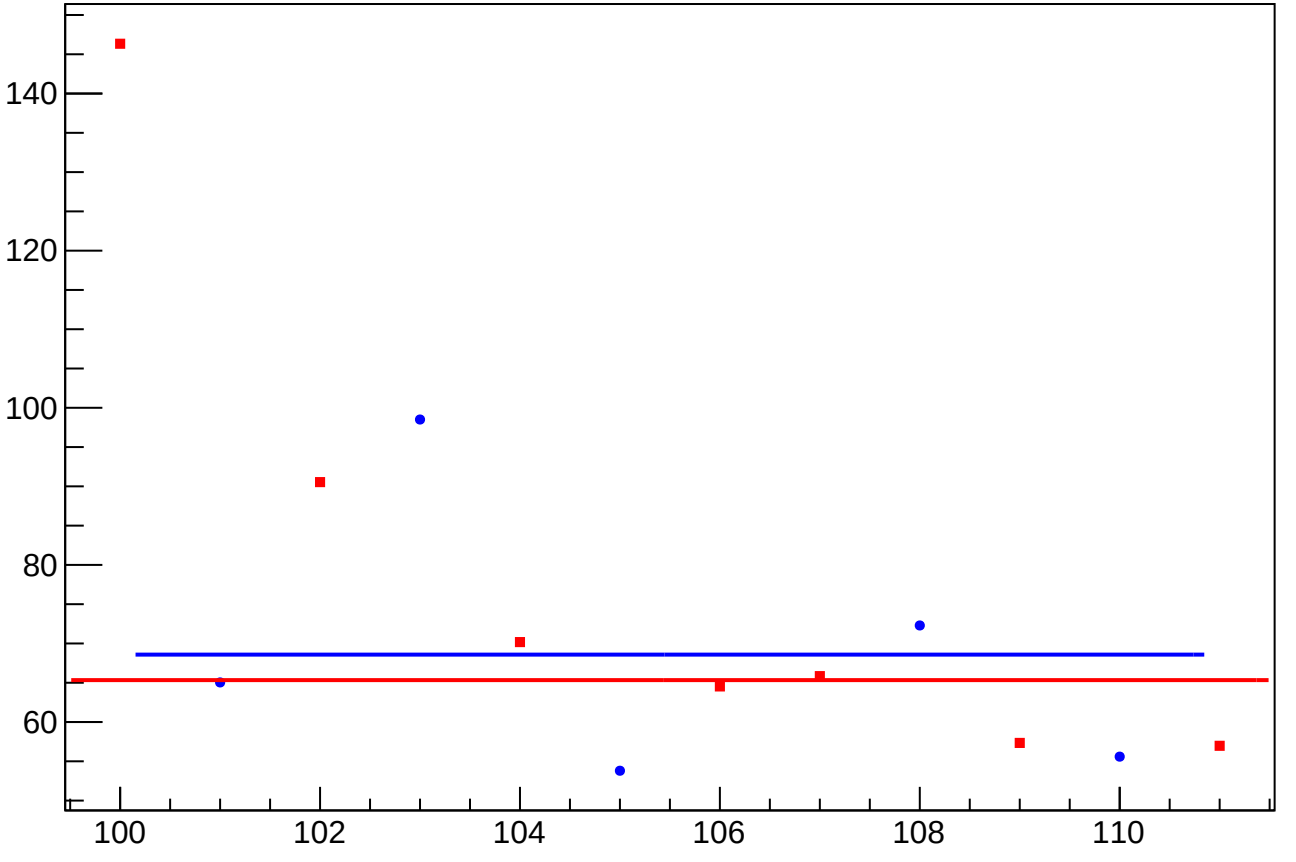
Right Out: -47.819+/-41.100 χ^2/NDF: 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

83.555+/-51.103 χ^2/NDF: 7.6/4

-47.819+/-41.100 χ^2/NDF: 9.6/6

reg_asym_sam_13_57_dd_rms vs slug



Right In: 68.581+/-0.036 χ^2/NDF: 149353.4/4

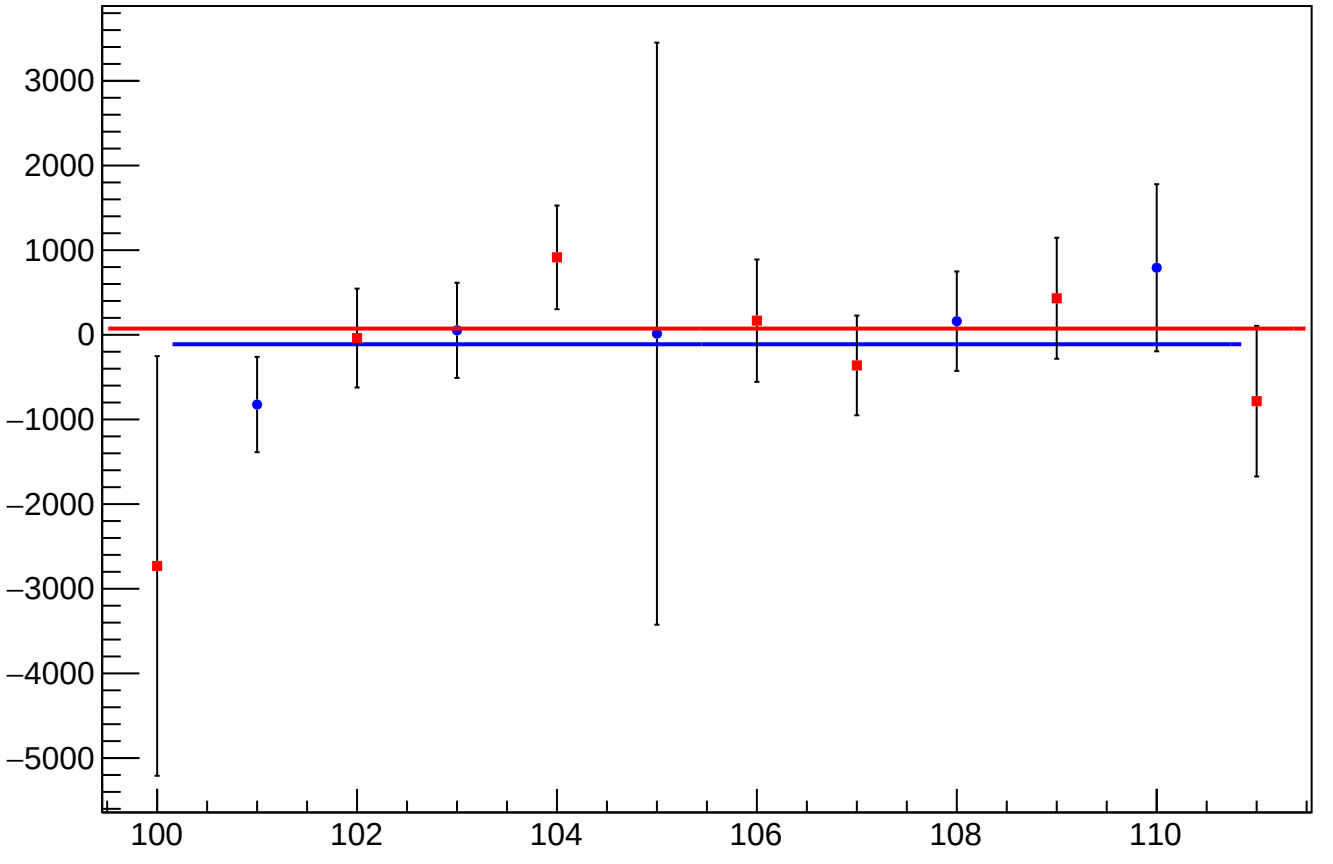
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 65.335+/-0.029 χ^2/NDF: 169314.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

68.581+/-0.036 χ^2/NDF: 149353.4/4

65.335+/-0.029 χ^2/NDF: 169314.2/6



Right In: -111.619+/-311.151 χ^2/NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

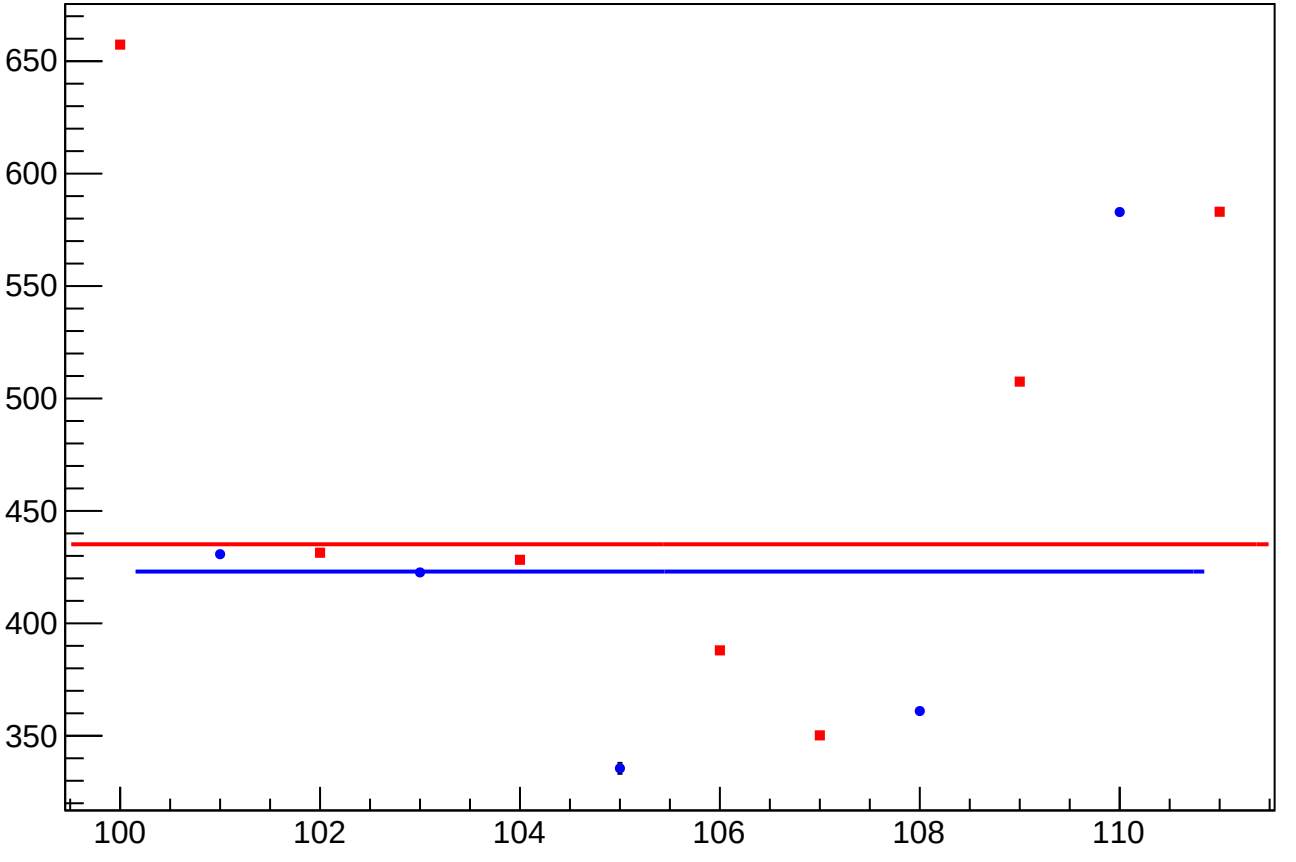
Right Out: 73.734+/-269.390 χ^2/NDF: 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-111.619+/-311.151 χ^2/NDF: 2.7/4

73.734+/-269.390 χ^2/NDF: 4.9/6

asym_sam_13_57_dd_correction_rms vs slug



Right In: 423.039+/-0.220 χ^2/NDF: 76408.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

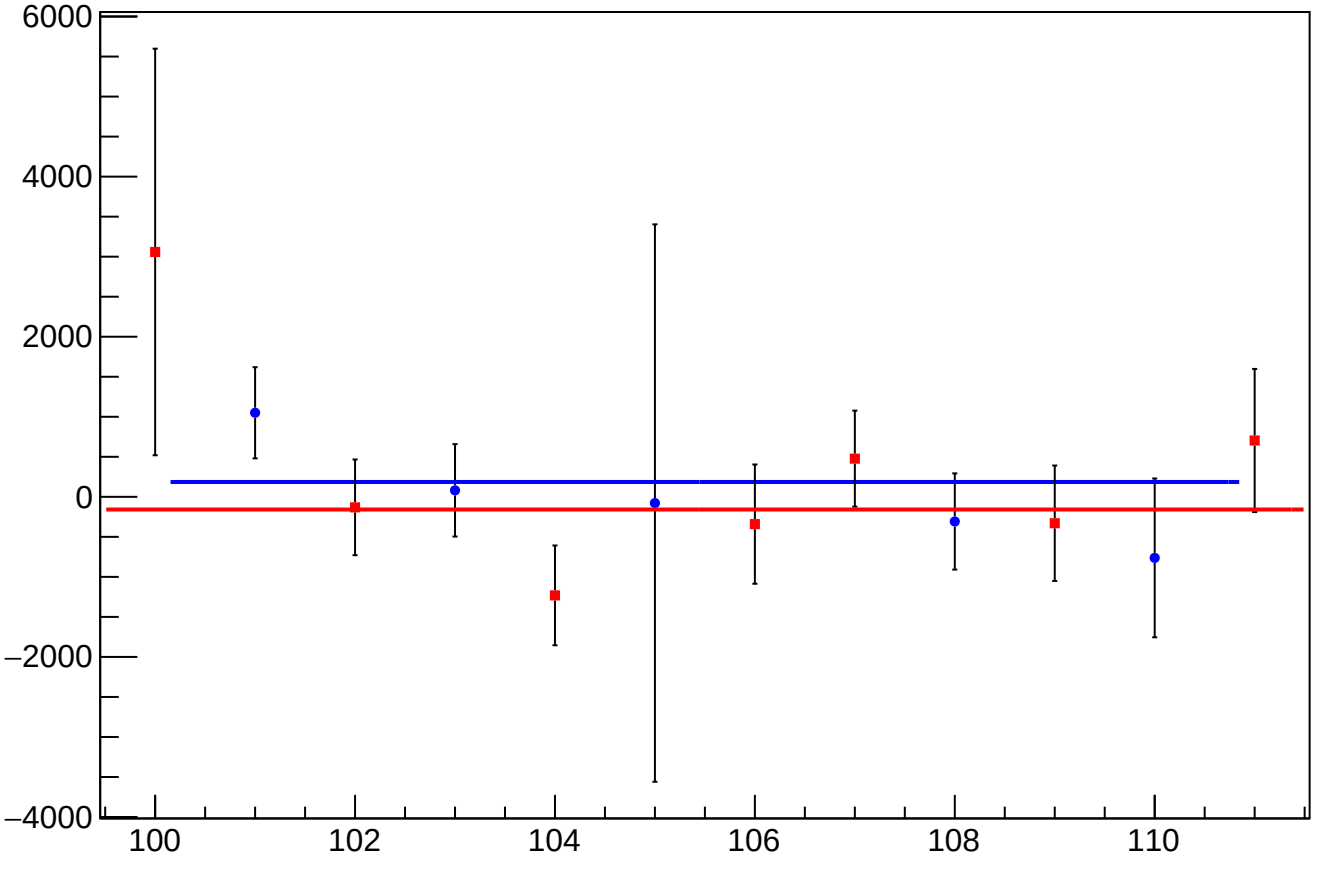
Right Out: 435.166+/-0.190 χ^2/NDF: 142311.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

423.039+/-0.220 χ^2/NDF: 76408.7/4

435.166+/-0.190 χ^2/NDF: 142311.5/6

asym_sam_13_57_dd_mean vs slug



Right In: 185.581+/-317.001 χ^2/NDF: 3.9/4

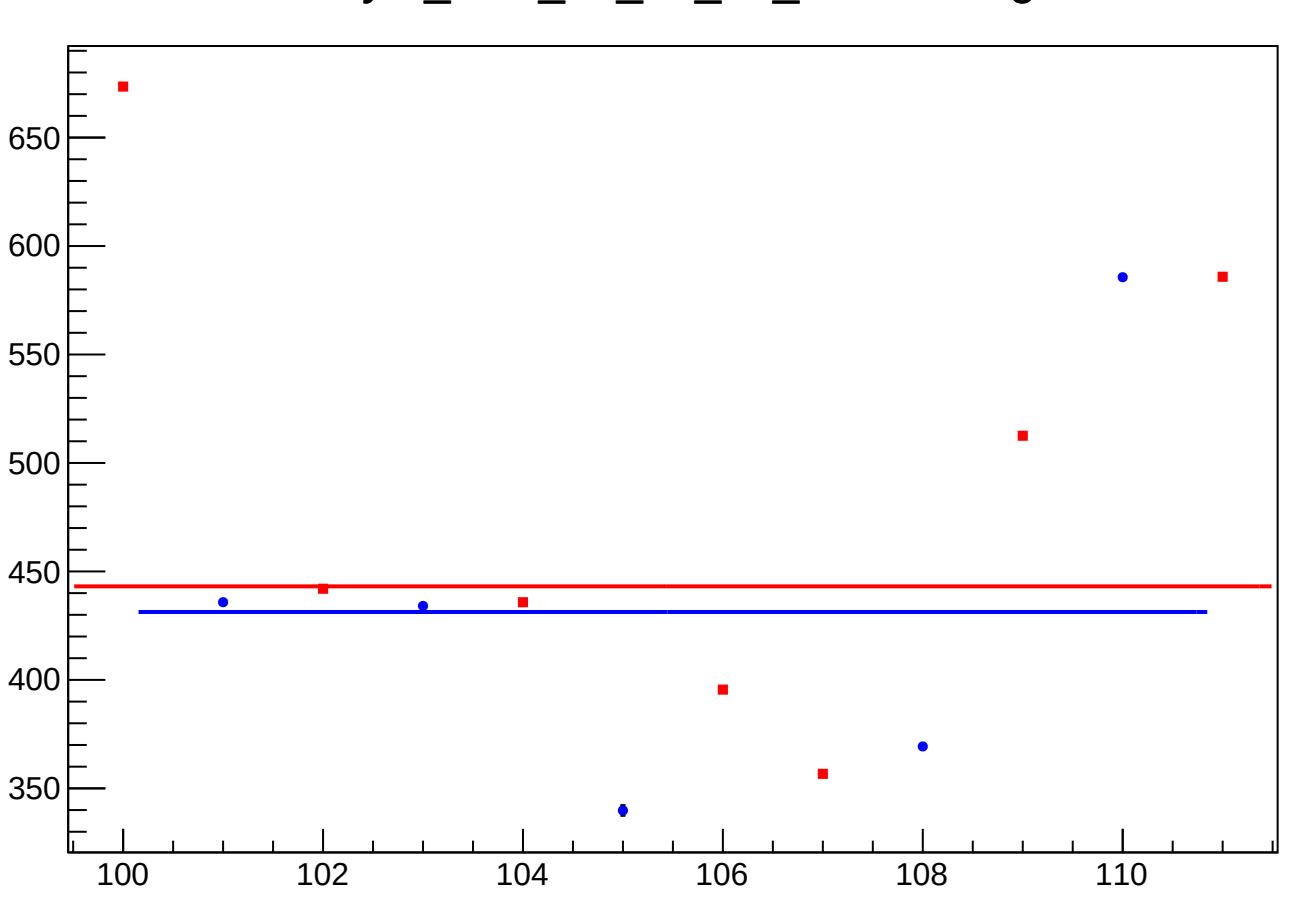
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -158.545+/-274.394 χ^2/NDF: 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

185.581+/-317.001 χ^2/NDF: 3.9/4

-158.545+/-274.394 χ^2/NDF: 6.7/6



Right In: 431.305+/-0.224 χ^2/NDF: 71231.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

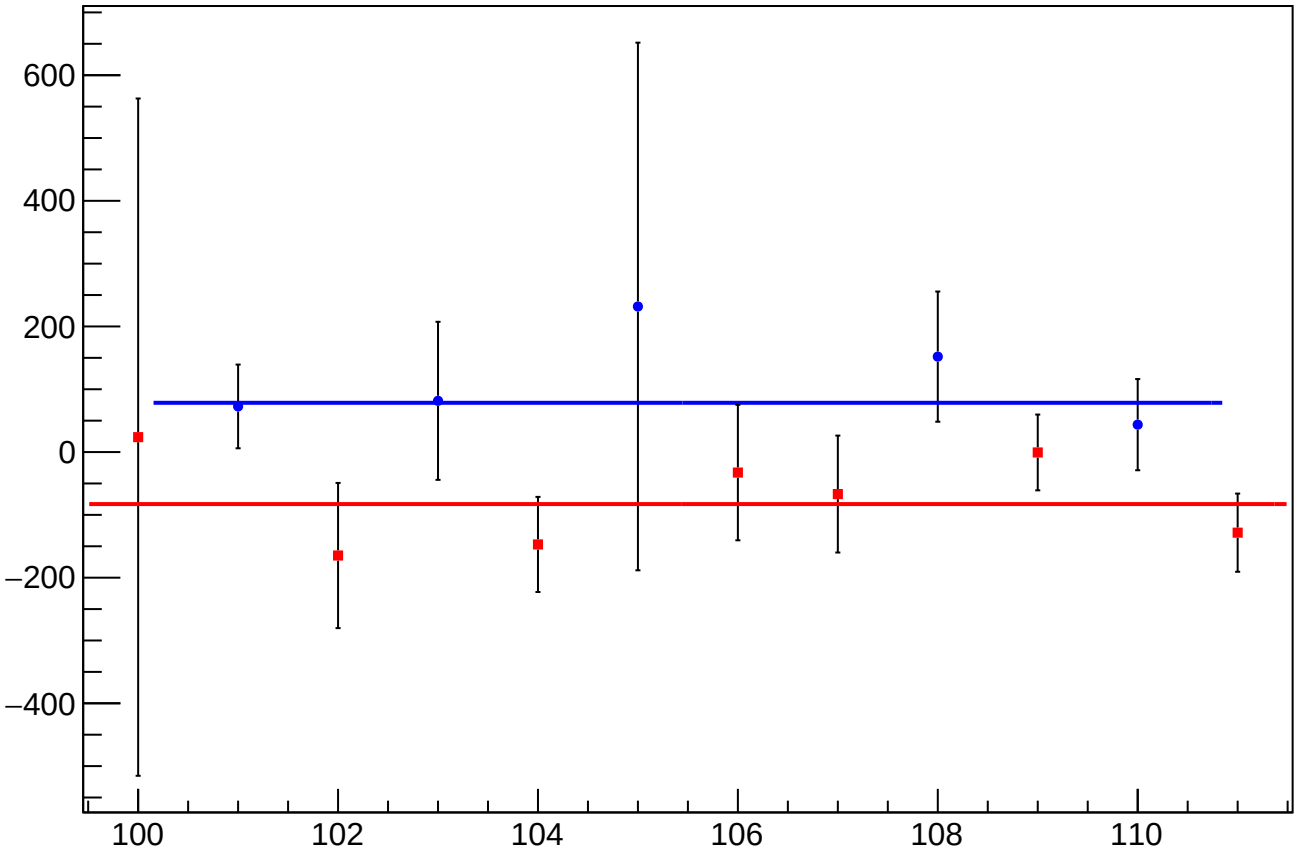
Right Out: 443.117+/-0.194 χ^2/NDF: 135962.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

431.305+/-0.224 χ^2/NDF: 71231.5/4

443.117+/-0.194 χ^2/NDF: 135962.5/6

reg_asym_sam_15_37_dd_mean vs slug



Right In: 78.444+/-41.634 χ^2/NDF: 0.9/4

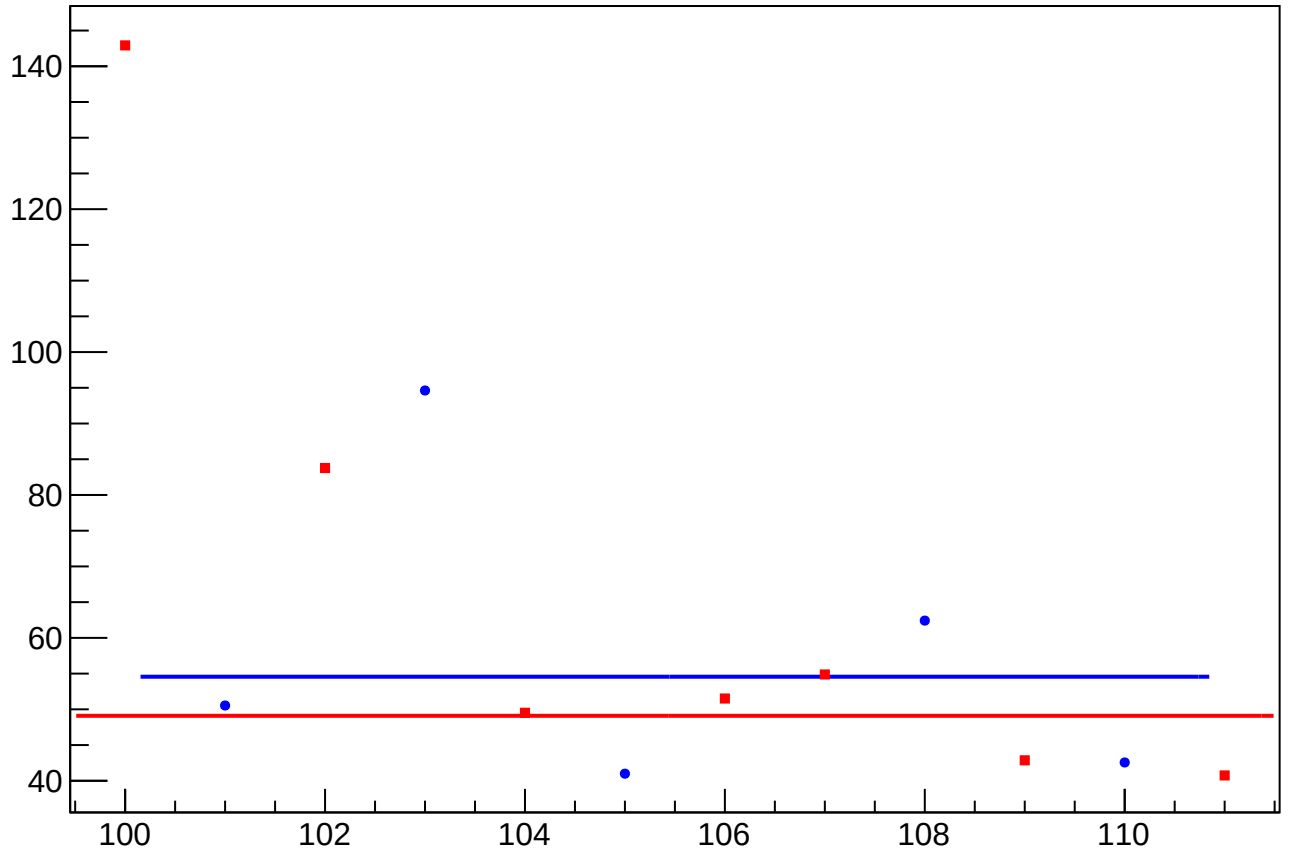
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -82.808+/-31.829 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

78.444+/-41.634 χ^2/NDF: 0.9/4

-82.808+/-31.829 χ^2/NDF: 3.9/6



Right In: 54.563+/-0.029 χ^2/NDF: 278245.4/4

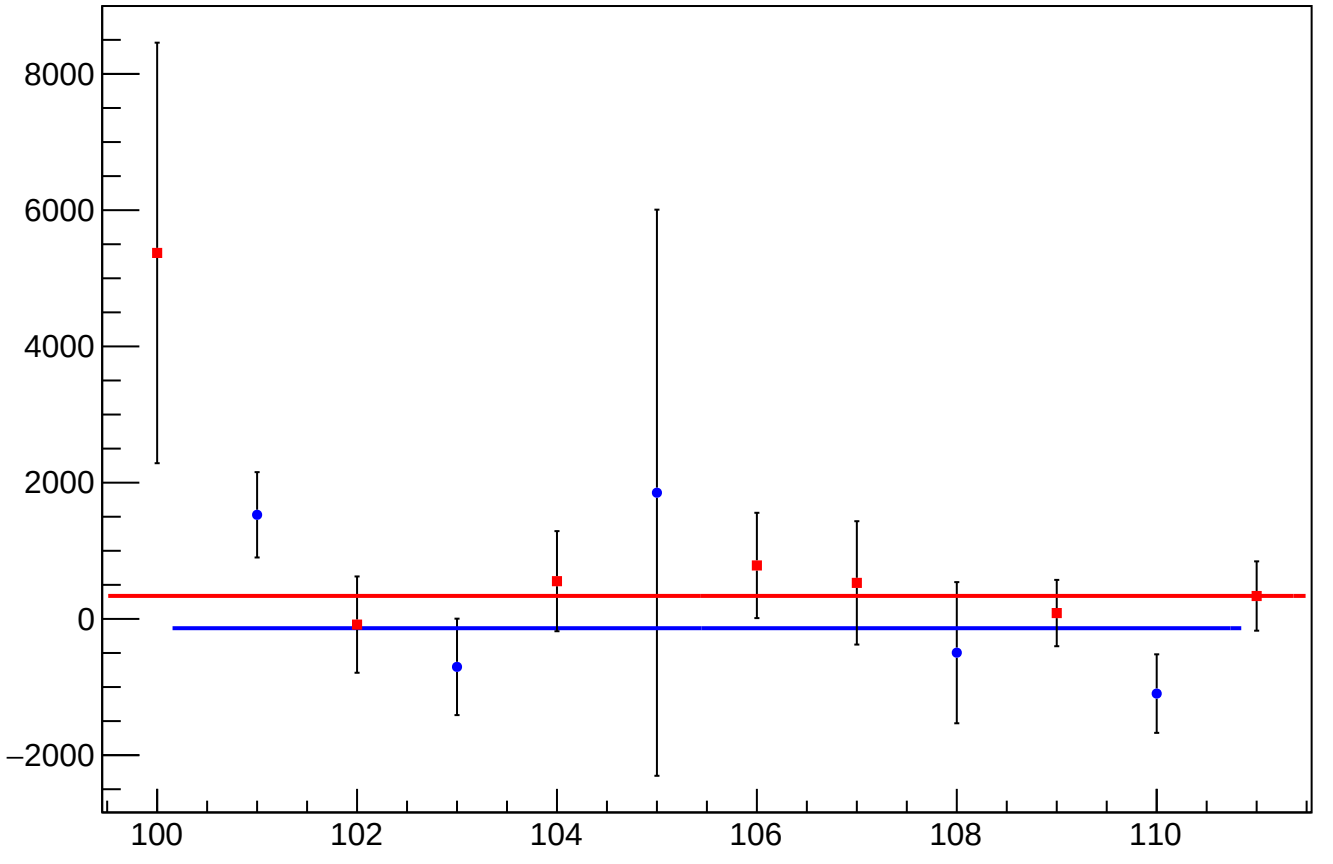
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 49.095+/-0.023 χ^2/NDF: 306715.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

54.563+/-0.029 χ^2/NDF: 278245.4/4

49.095+/-0.023 χ^2/NDF: 306715.7/6



Right In: -136.343+/-342.132 χ^2/NDF: 10.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

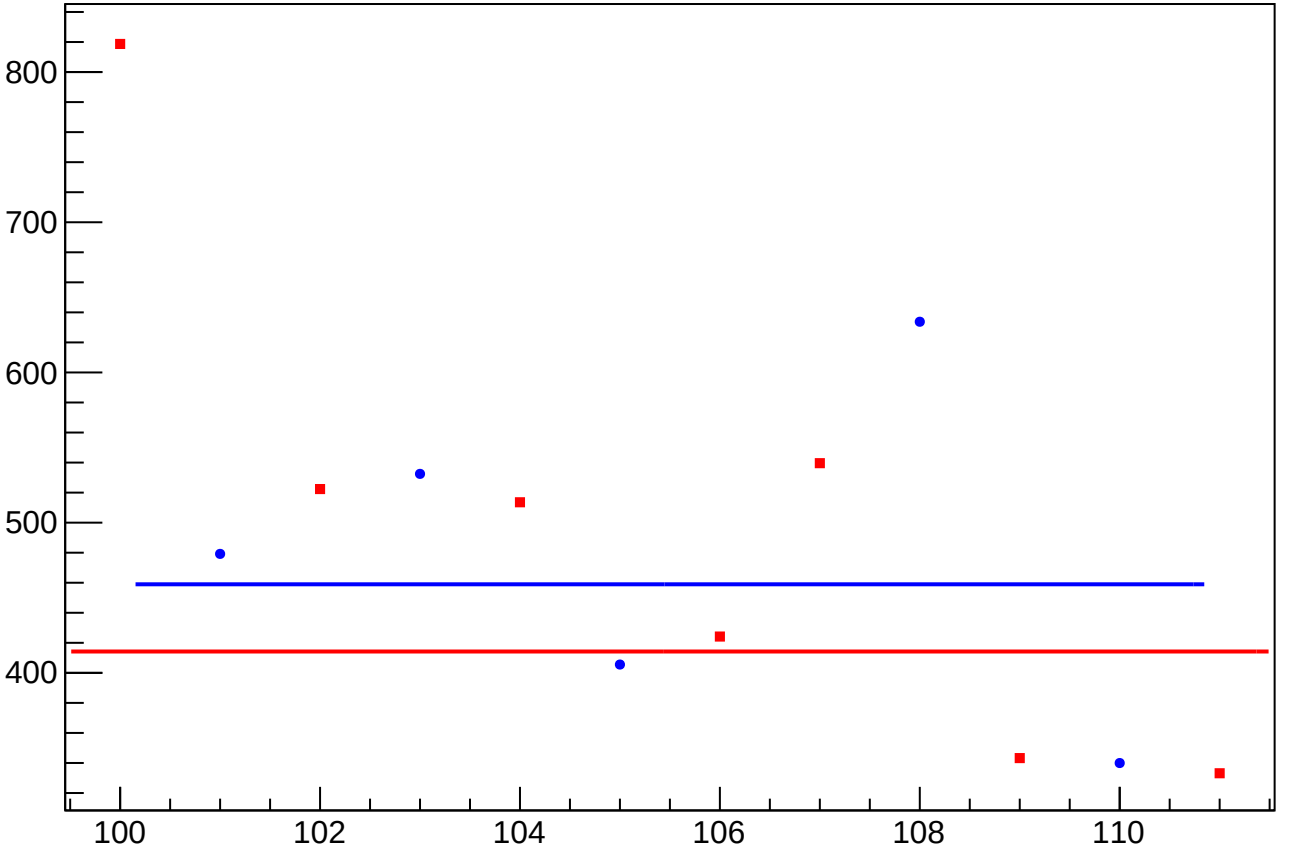
Right Out: 337.669+/-258.778 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-136.343+/-342.132 χ^2/NDF: 10.8/4

337.669+/-258.778 χ^2/NDF: 3.7/6

asym_sam_15_37_dd_correction_rms vs slug



Right In: 458.960+/-0.242 χ^2/NDF: 166150.8/4

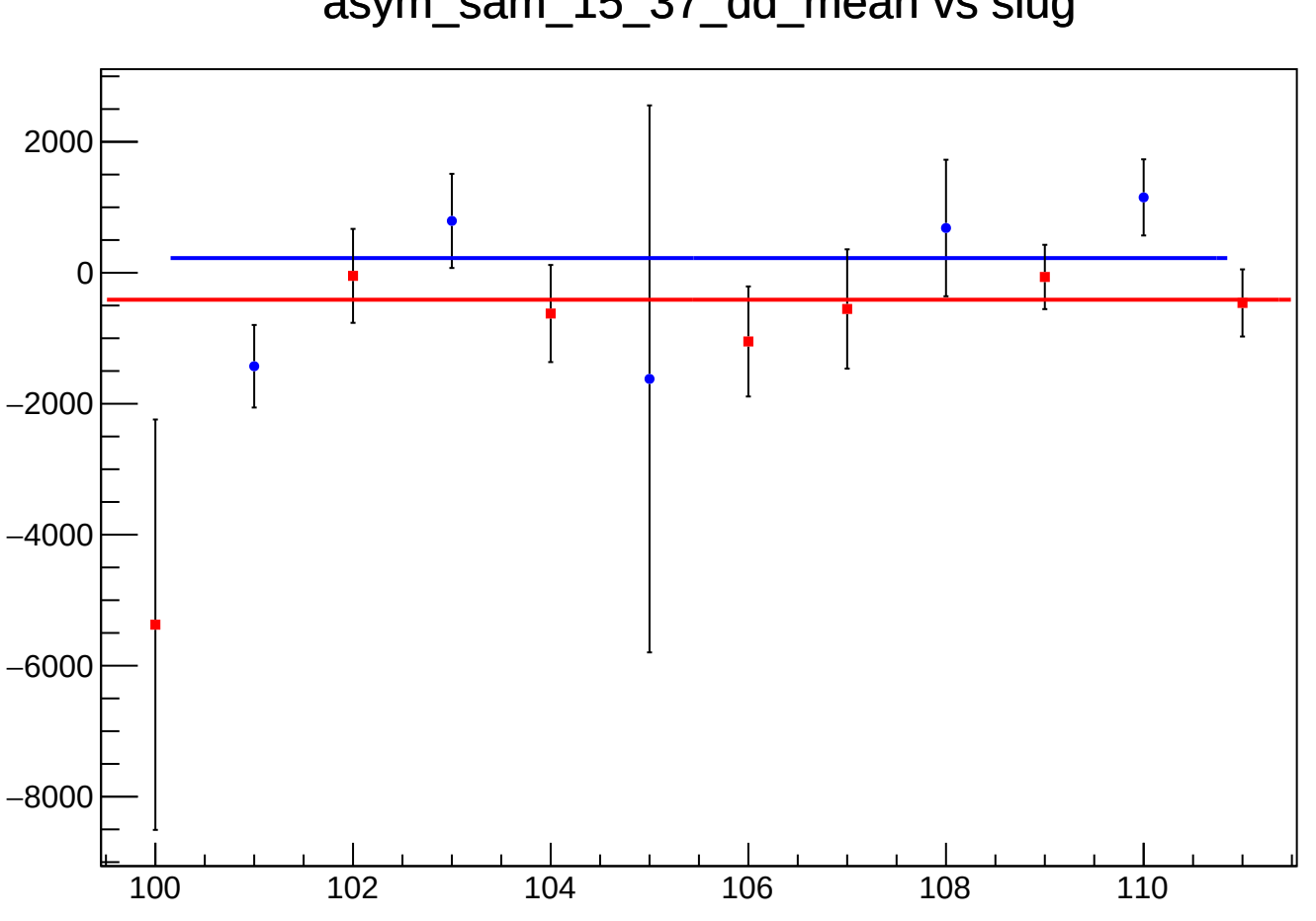
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 414.216+/-0.183 χ^2/NDF: 249663.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

458.960+/-0.242 χ^2/NDF: 166150.8/4

414.216+/-0.183 χ^2/NDF: 249663.8/6



Right In: 224.390+/-345.280 χ^2/NDF: 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

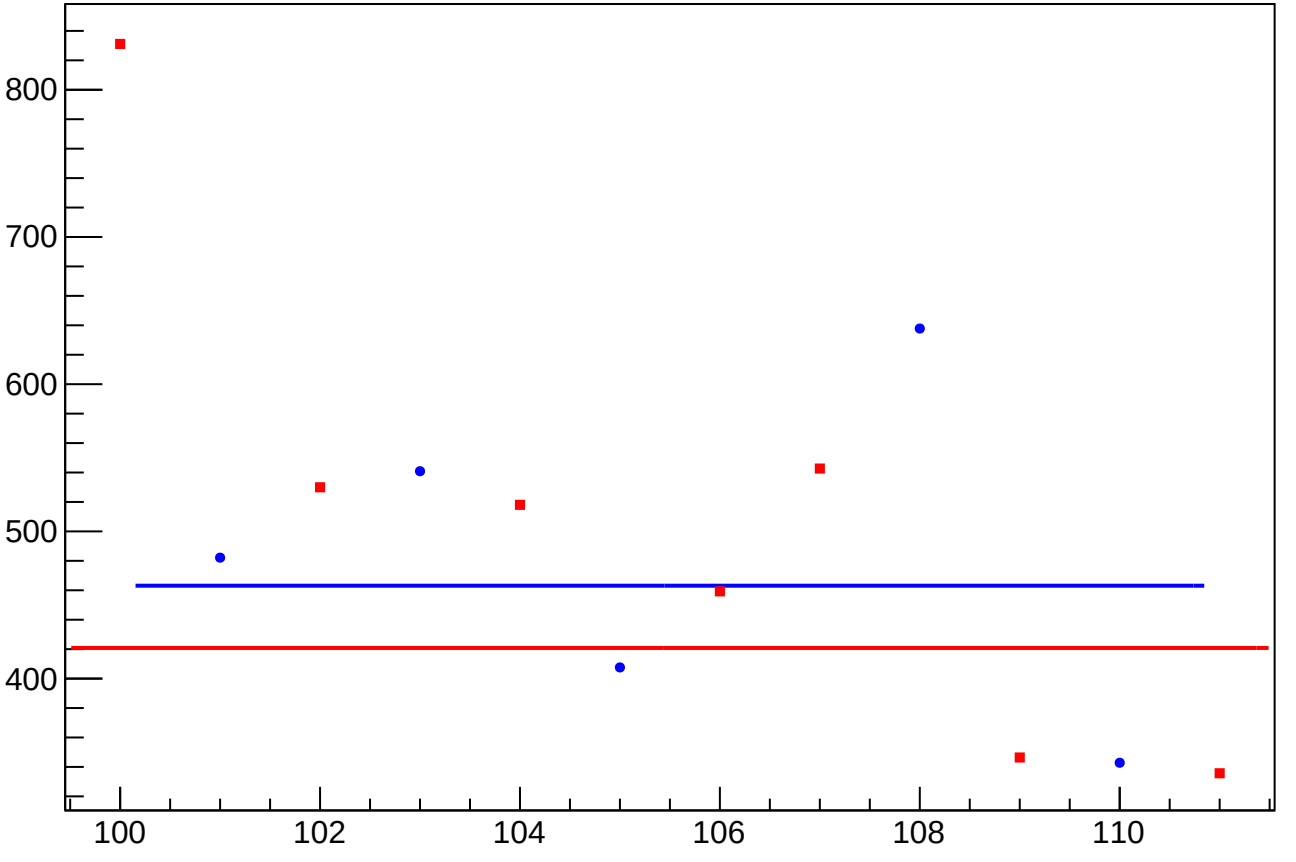
Right Out: -411.410+/-263.192 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

224.390+/-345.280 χ^2/NDF: 10.4/4

-411.410+/-263.192 χ^2/NDF: 4.0/6

asym_sam_15_37_dd_rms vs slug



Right In: 463.113+/-0.244 χ^2/NDF: 167345.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

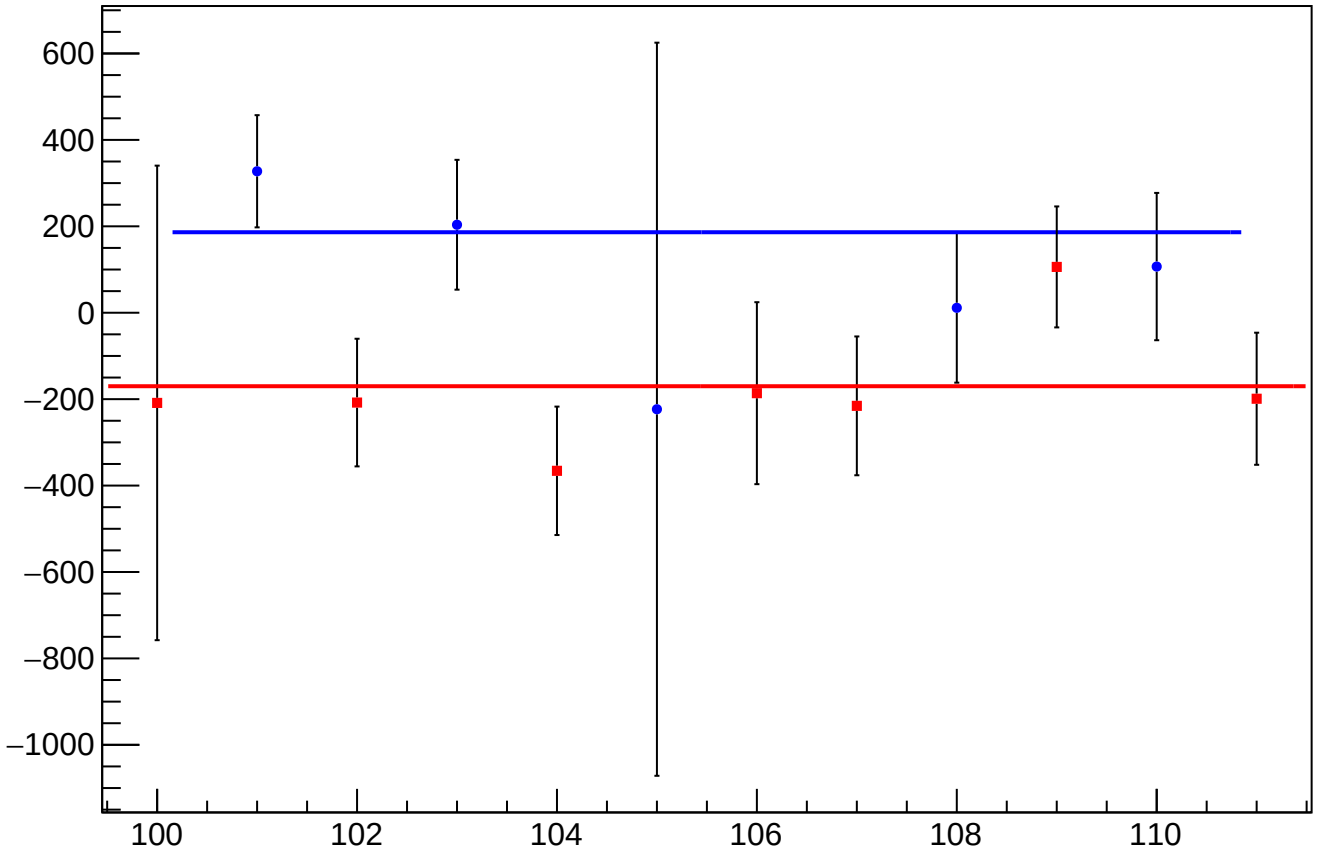
Right Out: 420.814+/-0.186 χ^2/NDF: 256046.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

463.113+/-0.244 χ^2/NDF: 167345.9/4

420.814+/-0.186 χ^2/NDF: 256046.0/6

reg_asym_sam_24_68_dd_mean vs slug



Right In: 186.306+/-76.077 χ^2/NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

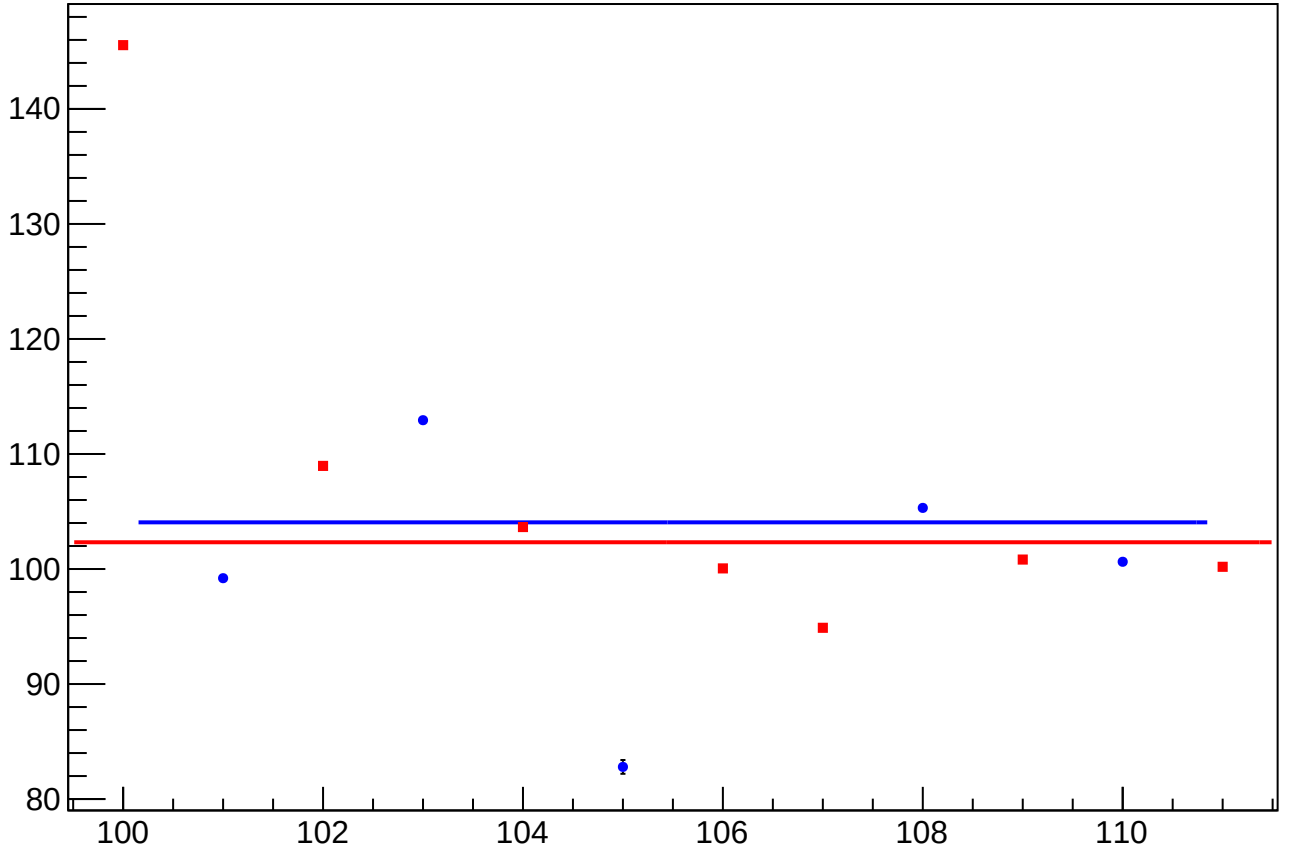
Right Out: -170.069+/-63.299 χ^2/NDF: 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

186.306+/-76.077 χ^2/NDF: 2.7/4

-170.069+/-63.299 χ^2/NDF: 5.8/6

reg_asym_sam_24_68_dd_rms vs slug



Right In: 104.057+/-0.054 χ^2/NDF: 11957.6/4

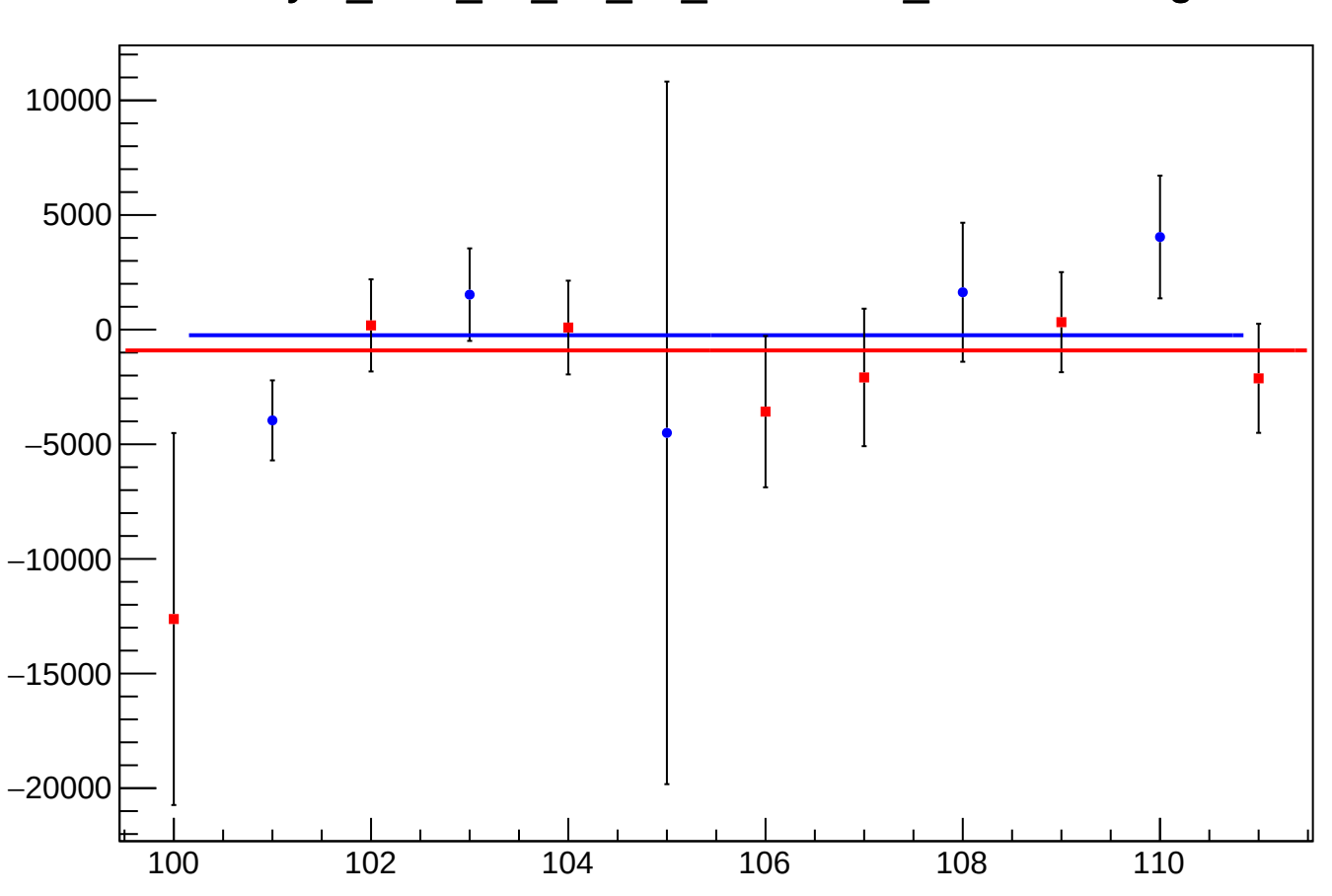
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 102.326+/-0.045 χ^2/NDF: 21729.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

104.057+/-0.054 χ^2/NDF: 11957.6/4

102.326+/-0.045 χ^2/NDF: 21729.8/6



Right In: -243.449+/-1099.897 χ^2/NDF: 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

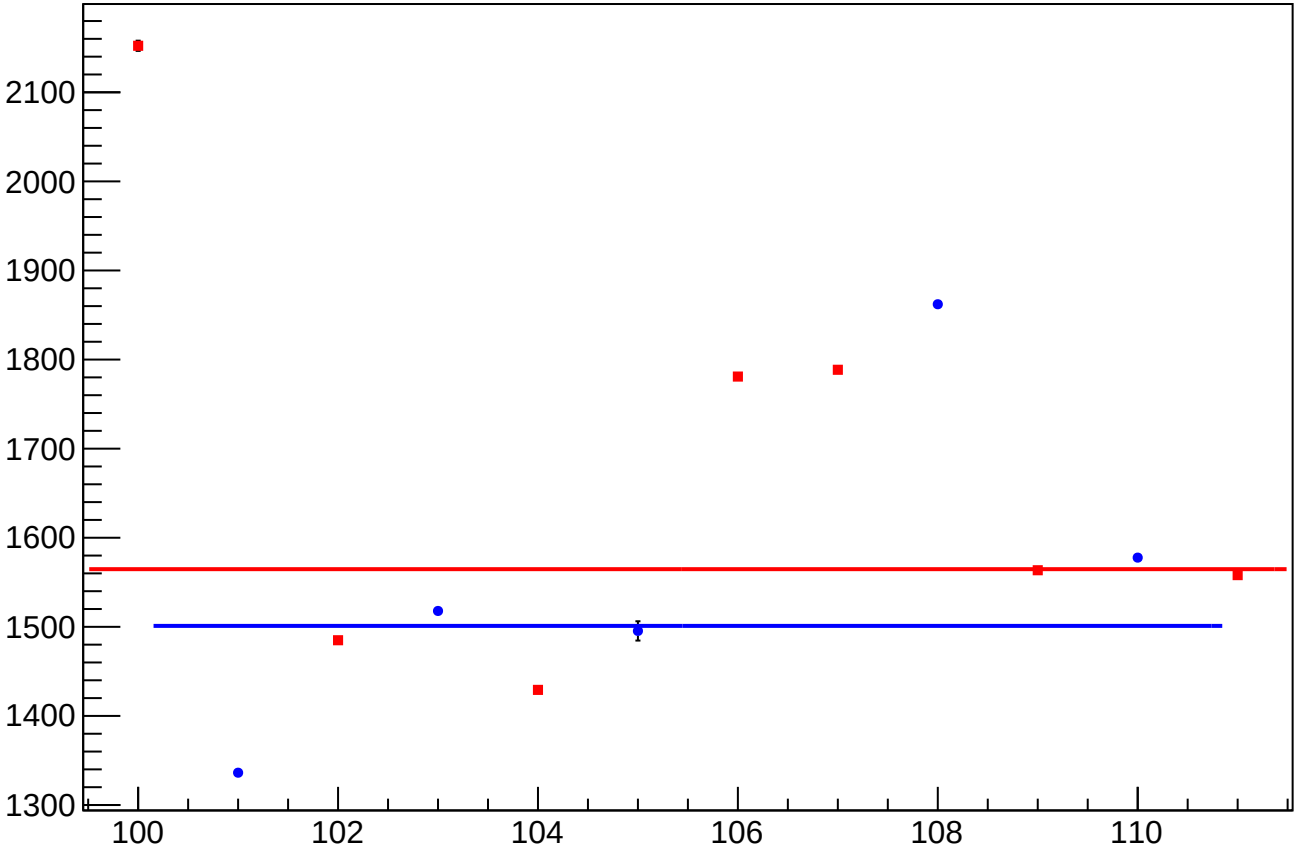
Right Out: -906.951+/-956.912 χ^2/NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-243.449+/-1099.897 χ^2/NDF: 8.3/4

-906.951+/-956.912 χ^2/NDF: 4.0/6

asym_sam_24_68_dd_correction_rms vs slug



Right In: 1501.058+/-0.778 χ^2/NDF: 47979.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

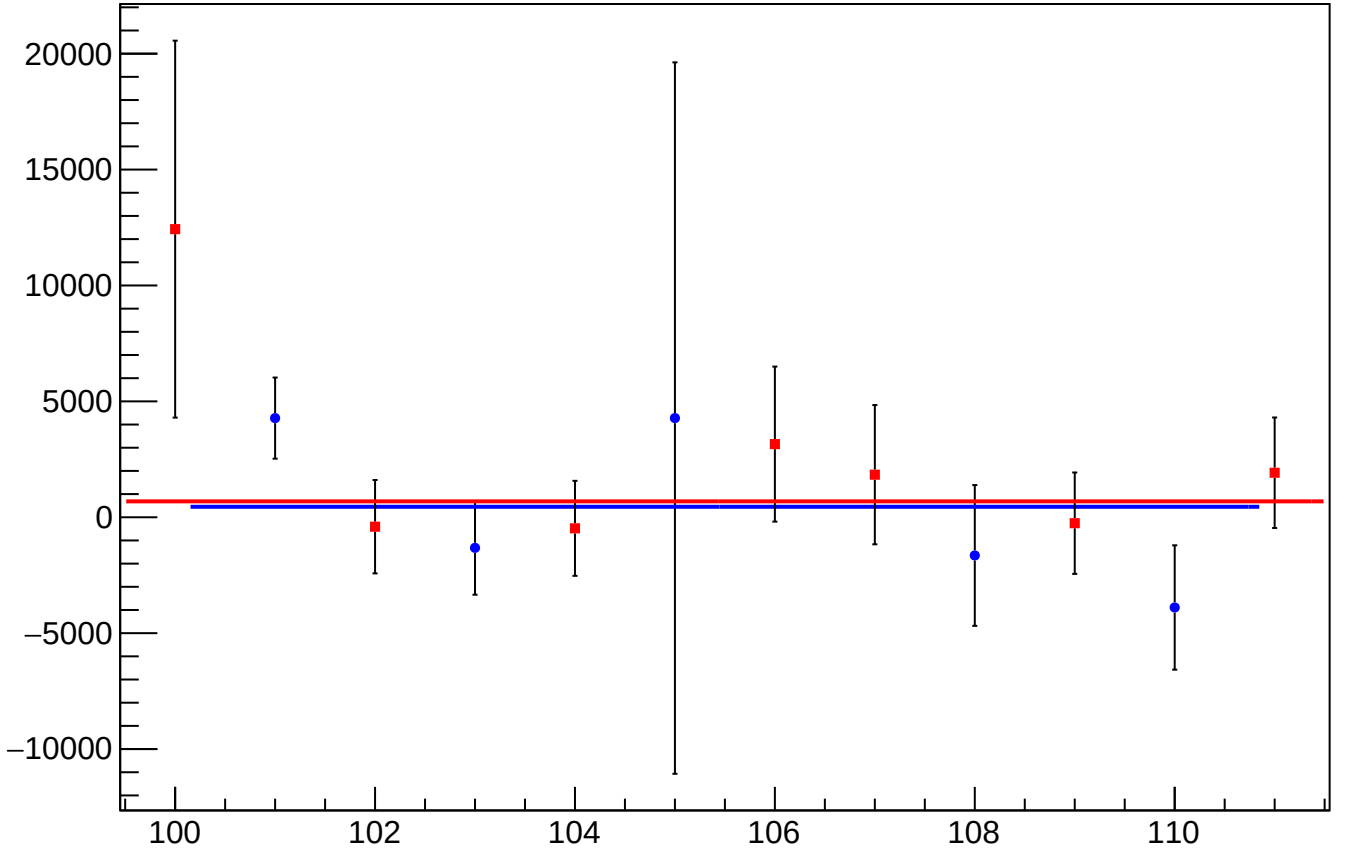
Right Out: 1564.735+/-0.677 χ^2/NDF: 42167.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1501.058+/-0.778 χ^2/NDF: 47979.9/4

1564.735+/-0.677 χ^2/NDF: 42167.6/6

asym_sam_24_68_dd_mean vs slug



Right In: 452.871+/-1102.693 χ^2/NDF: 8.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

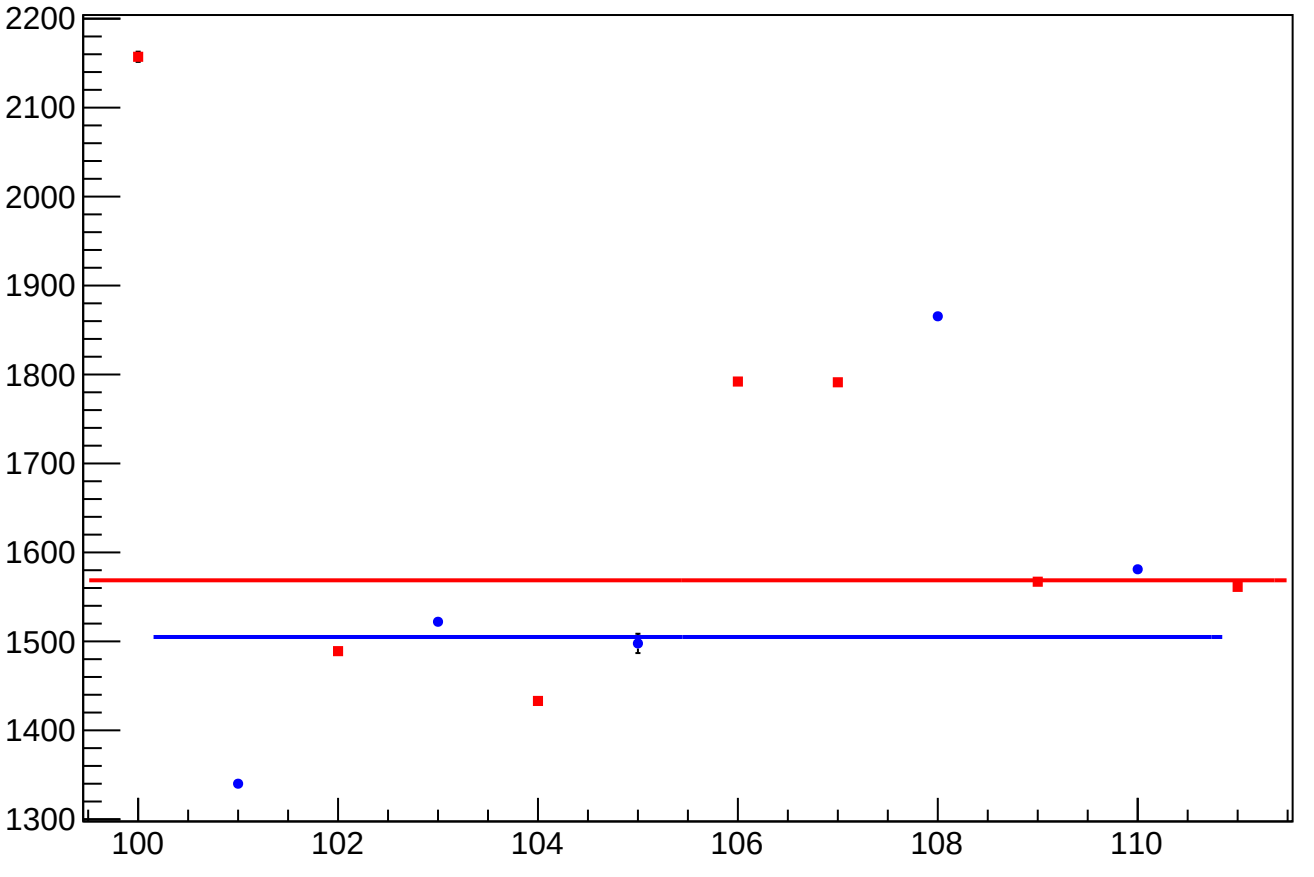
Right Out: 686.205+/-960.029 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

452.871+/-1102.693 χ^2/NDF: 8.7/4

686.205+/-960.029 χ^2/NDF: 3.8/6

asym_sam_24_68_dd_rms vs slug



Right In: 1504.935+/-0.780 χ^2/NDF: 47696.7/4

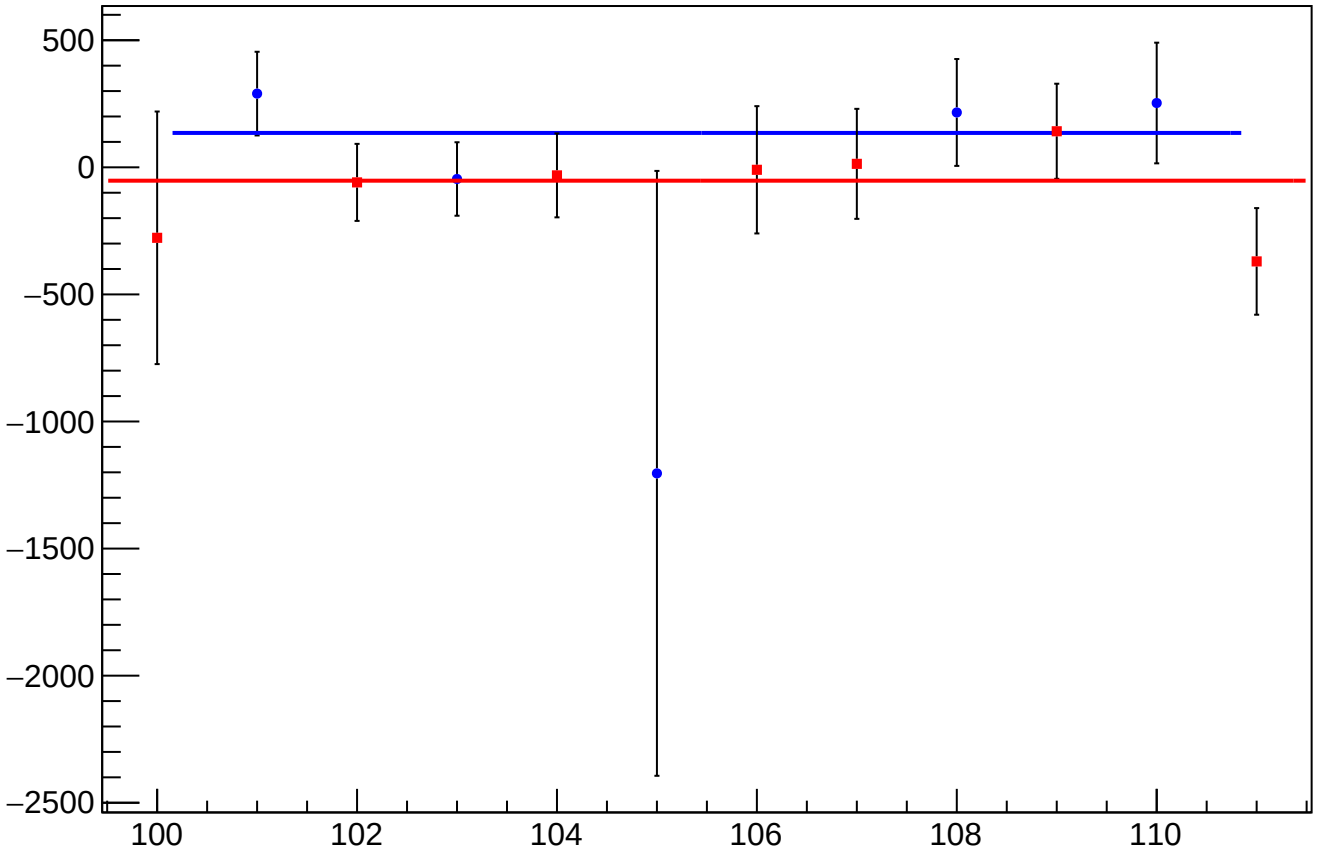
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1568.656+/-0.679 χ^2/NDF: 42292.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1504.935+/-0.780 χ^2/NDF: 47696.7/4

1568.656+/-0.679 χ^2/NDF: 42292.0/6



Right In: 135.319+/-89.141 χ^2/NDF: 4.1/4

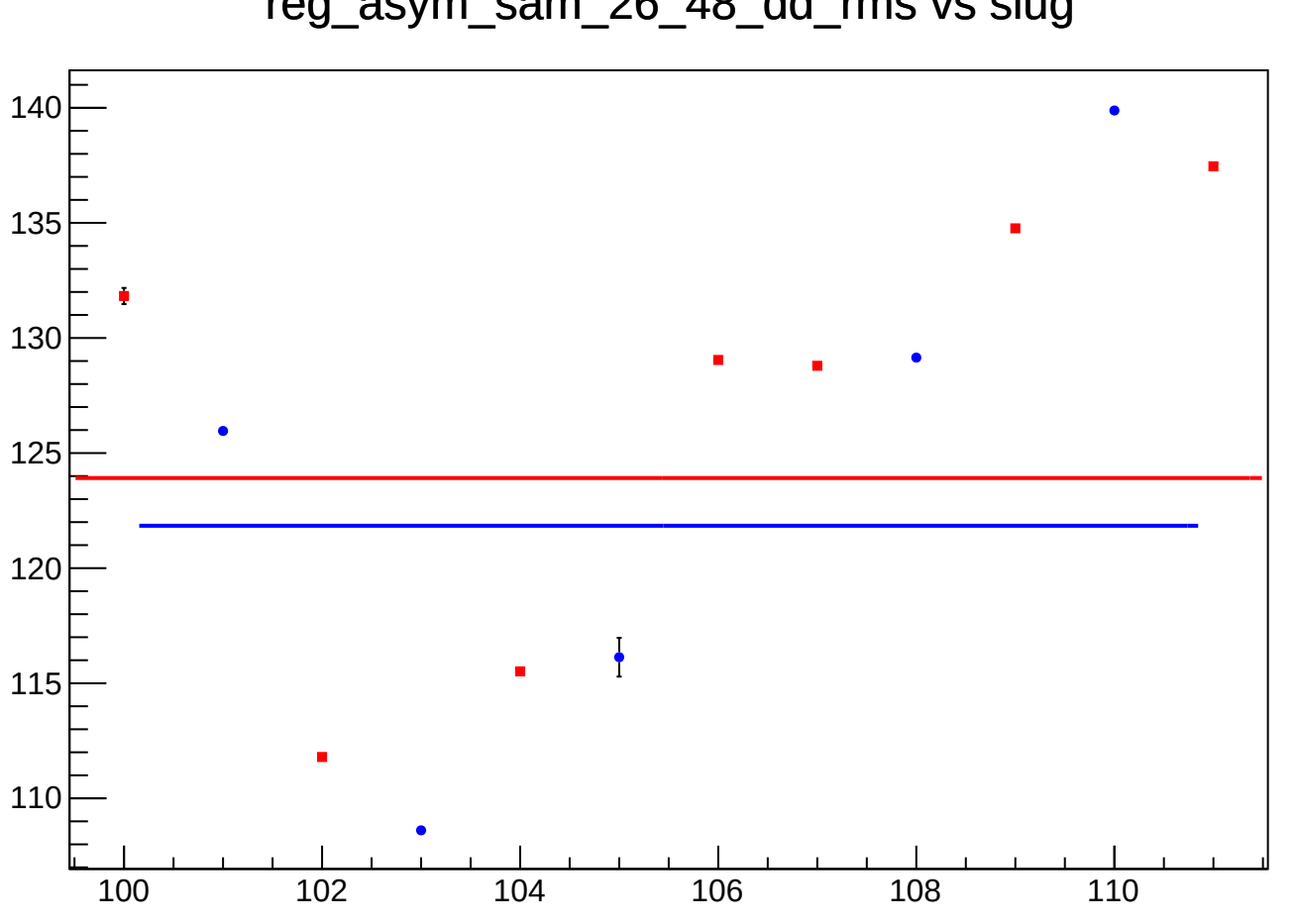
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

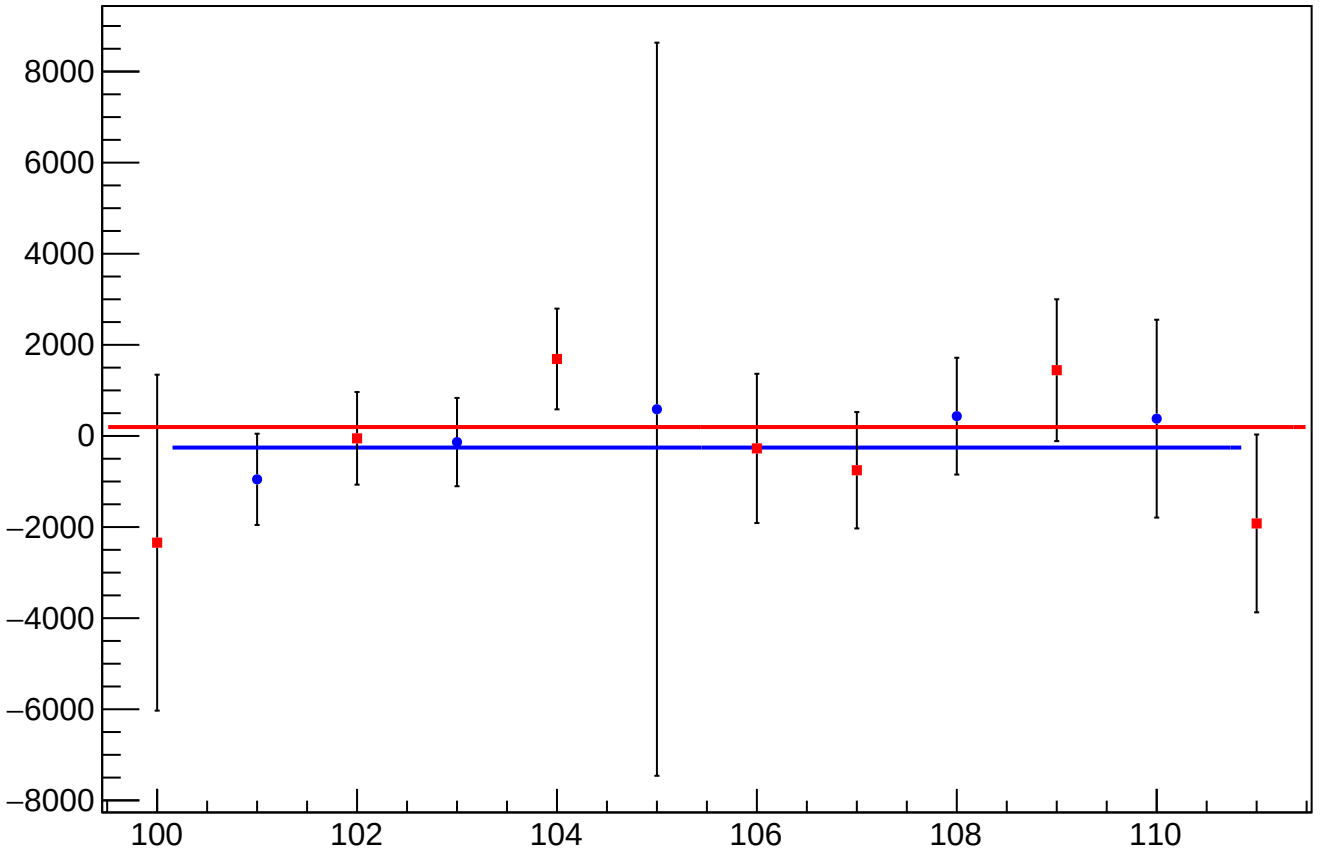
Right Out: -52.584+/-76.055 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

135.319+/-89.141 χ^2/NDF: 4.1/4

-52.584+/-76.055 χ^2/NDF: 3.7/6


reg_asym_sam_26_48_dd_rms vs slug
140
135
130
125
120
115
110
100
102
104
106
108
110
Right In: 121.843+/-0.063 χ²/NDF: 32029.2/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 123.916+/-0.054 χ²/NDF: 35397.9/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
121.843+/-0.063 χ²/NDF: 32029.2/4
123.916+/-0.054 χ²/NDF: 35397.9/6



Right In: -254.991+/-587.578 χ^2/NDF: 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

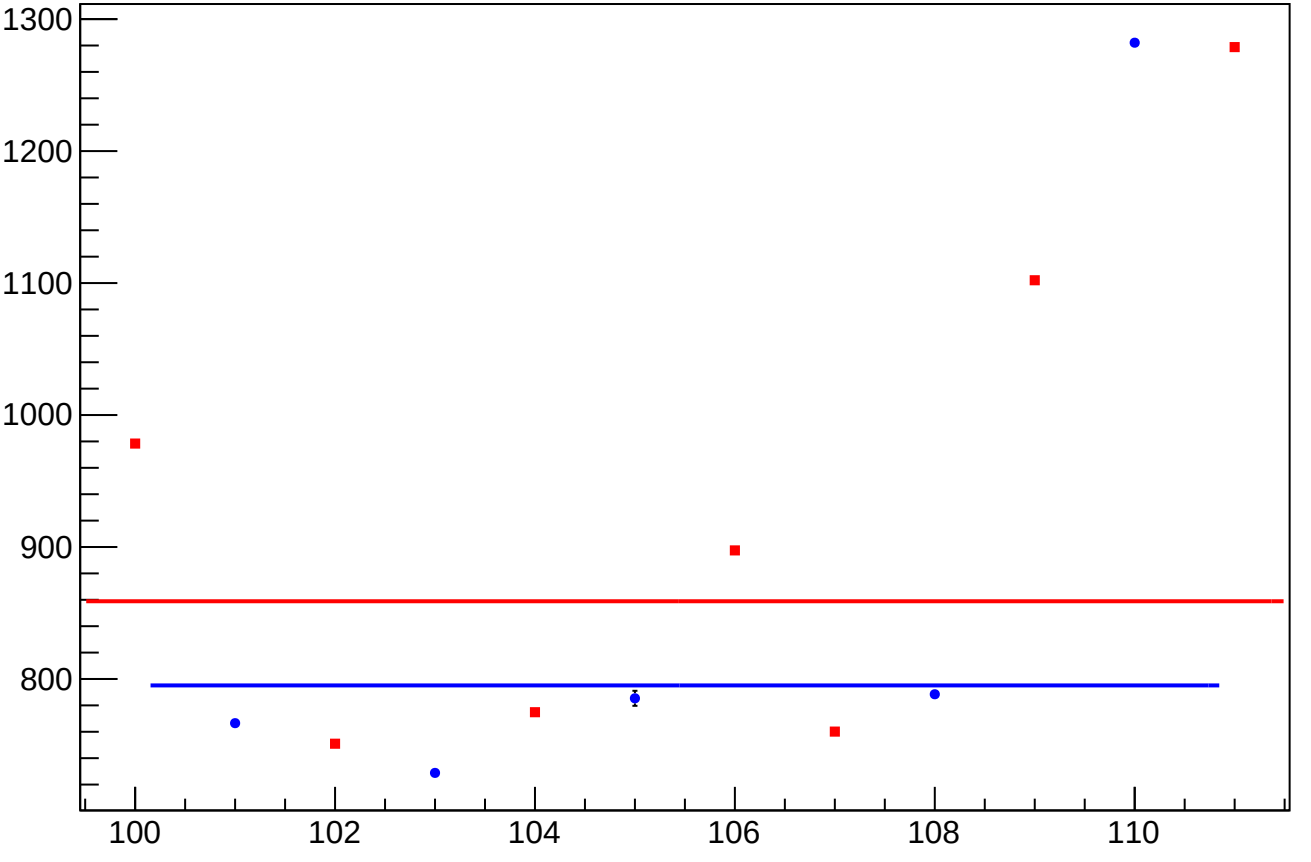
Right Out: 195.491+/-533.102 χ^2/NDF: 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-254.991+/-587.578 χ^2/NDF: 0.9/4

195.491+/-533.102 χ^2/NDF: 4.8/6

asym_sam_26_48_dd_correction_rms vs slug



Right In: 795.126+/-0.415 χ^2/NDF: 111630.7/4

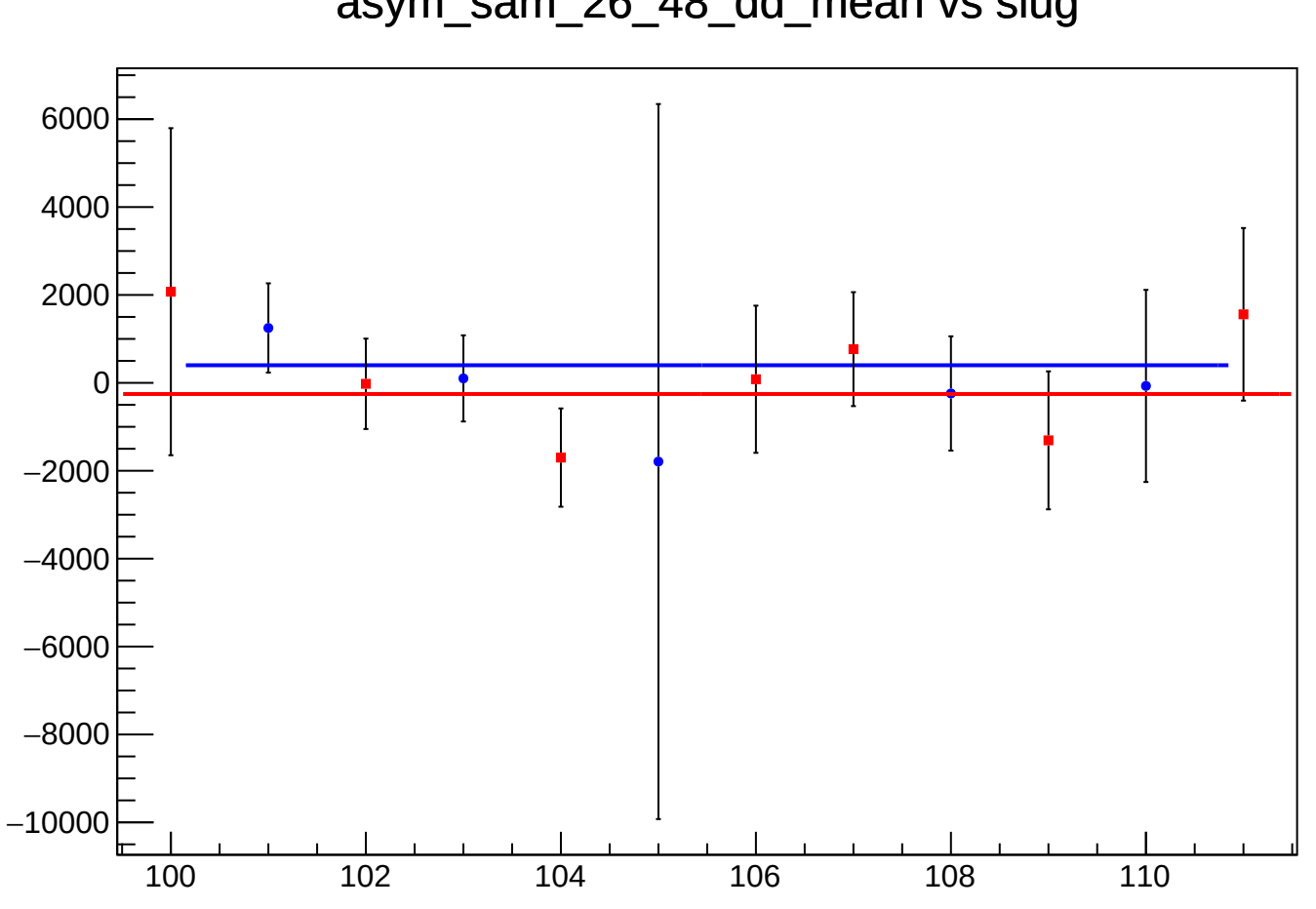
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 858.900+/-0.377 χ^2/NDF: 190605.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

795.126+/-0.415 χ^2/NDF: 111630.7/4

858.900+/-0.377 χ^2/NDF: 190605.5/6



Right In: 400.626+/-594.724 χ^2/NDF: 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

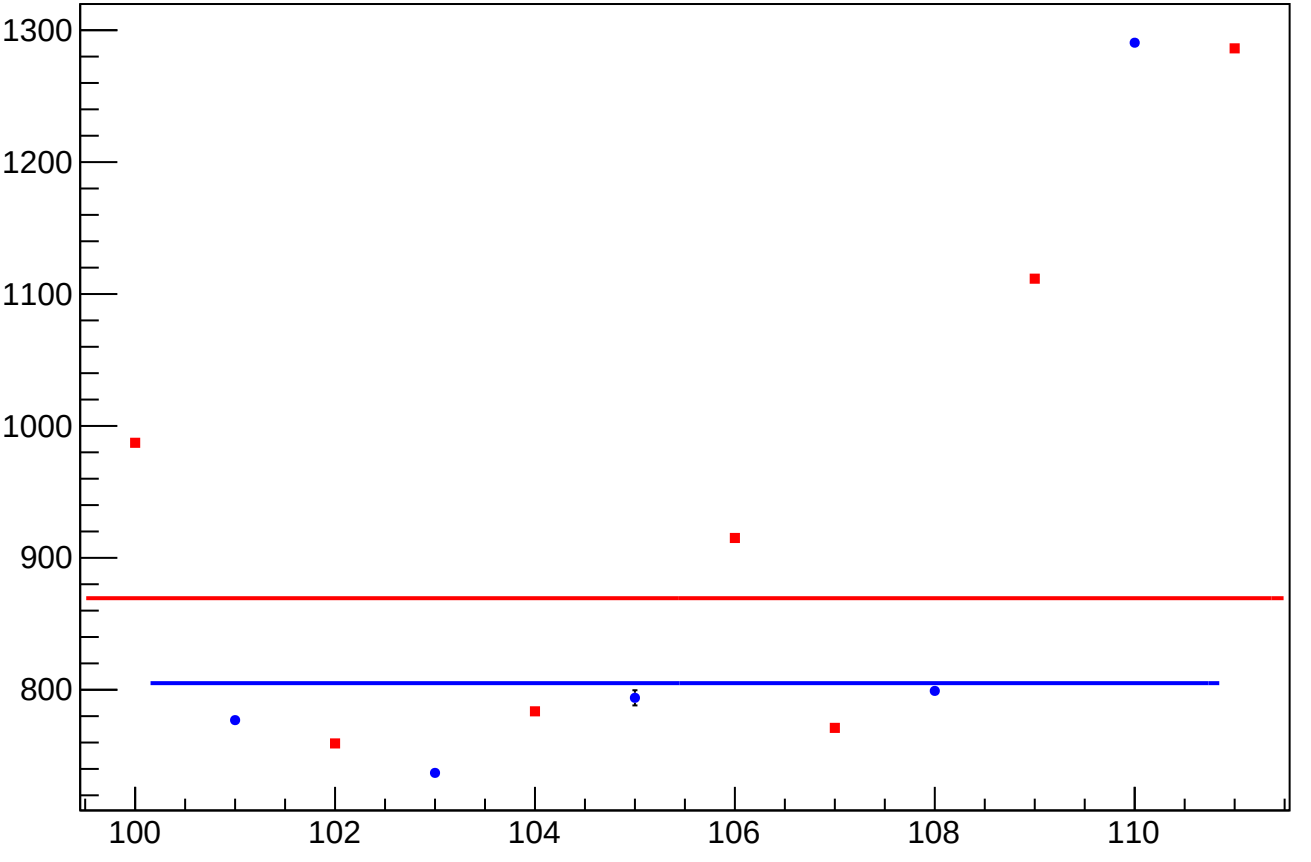
Right Out: -253.679+/-539.544 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

400.626+/-594.724 χ^2/NDF: 1.2/4

-253.679+/-539.544 χ^2/NDF: 4.1/6

asym_sam_26_48_dd_rms vs slug



Right In: 805.019+/-0.421 χ^2/NDF: 109894.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

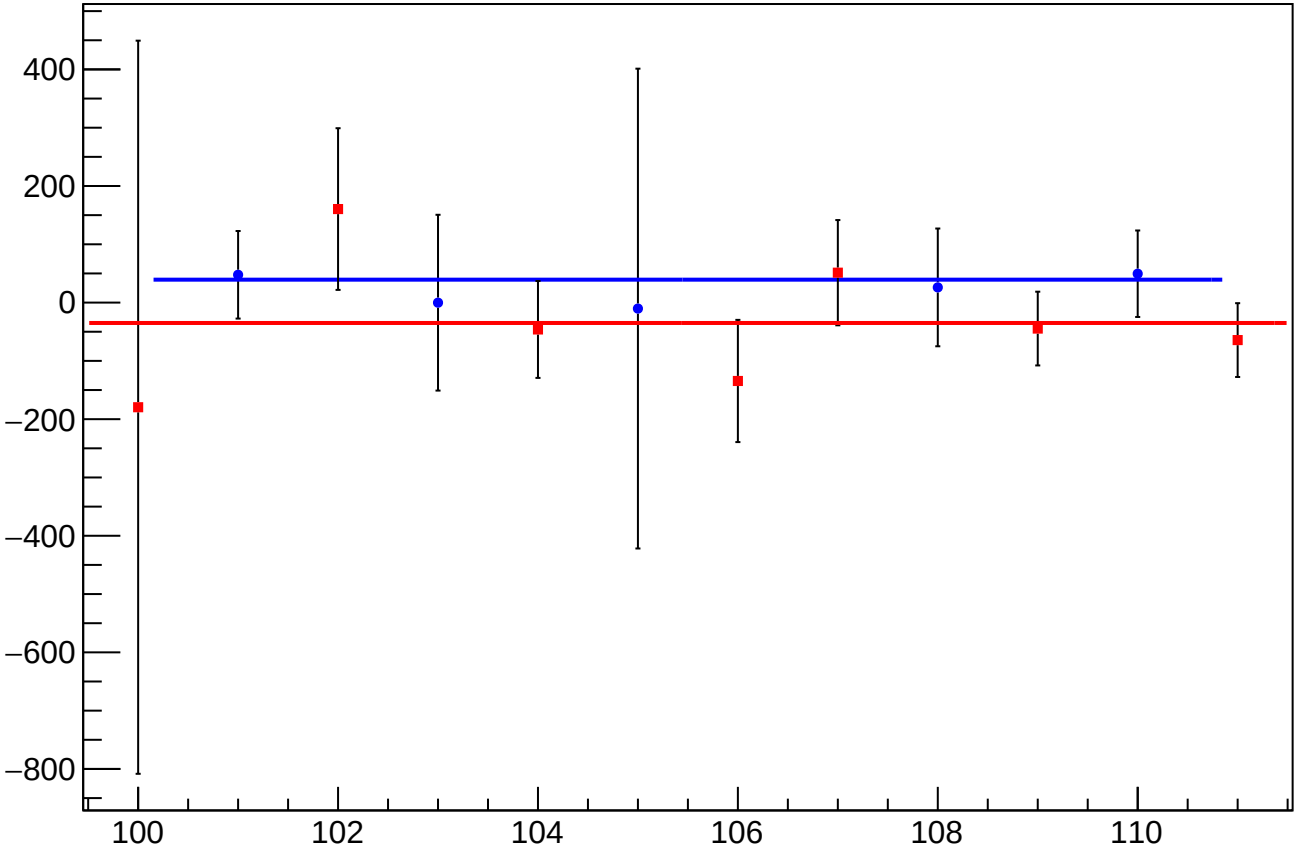
Right Out: 869.421+/-0.382 χ^2/NDF: 187455.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

805.019+/-0.421 χ^2/NDF: 109894.2/4

869.421+/-0.382 χ^2/NDF: 187455.2/6

reg_asym_sam_1357_avg_mean vs slug



Right In: 39.324+/-44.416 χ^2/NDF: 0.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

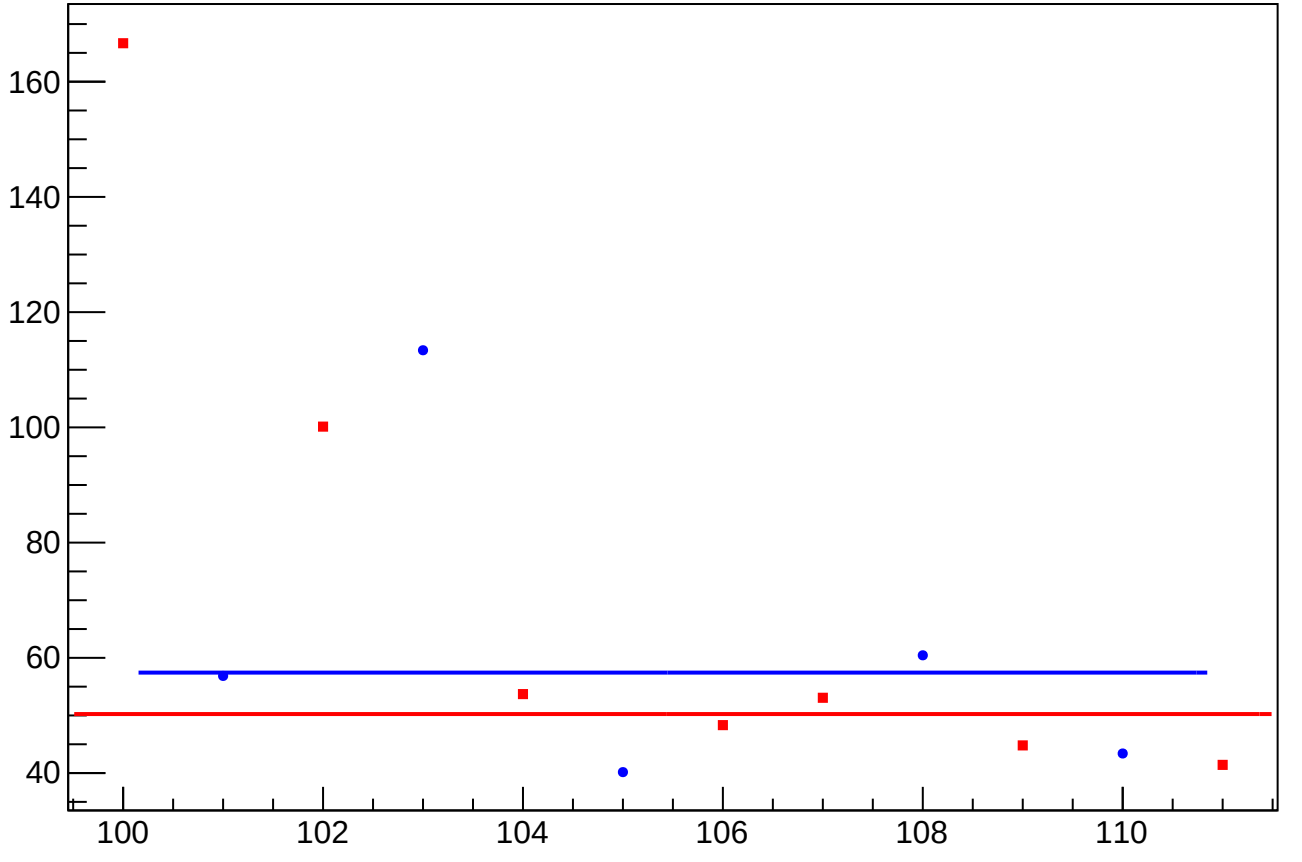
Right Out: -34.980+/-33.105 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

39.324+/-44.416 χ^2/NDF: 0.1/4

-34.980+/-33.105 χ^2/NDF: 4.1/6

reg_asym_sam_1357_avg_rms vs slug



Right In: 57.438+/-0.031 χ^2/NDF: 352386.1/4

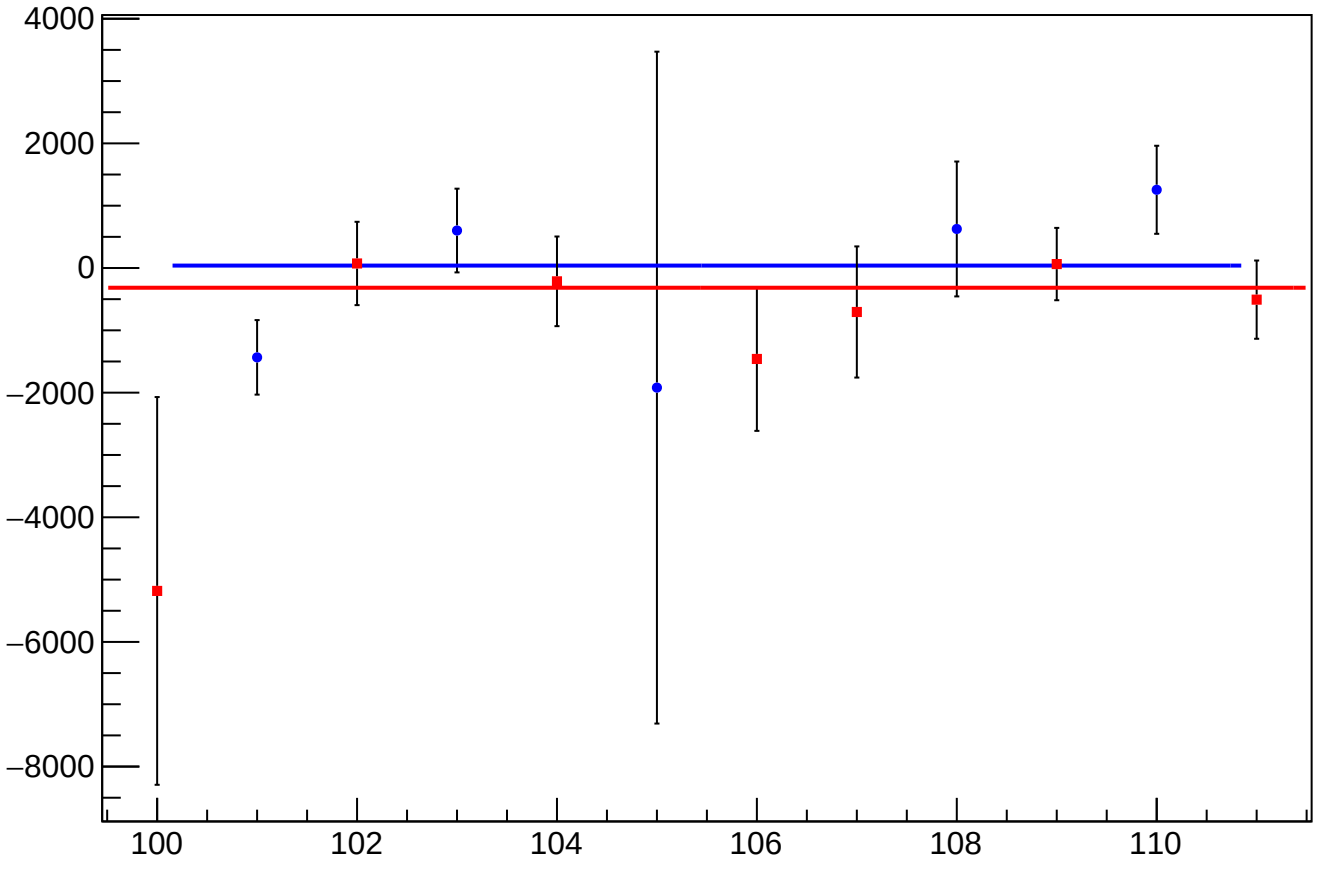
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.245+/-0.023 χ^2/NDF: 387119.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

57.438+/-0.031 χ^2/NDF: 352386.1/4

50.245+/-0.023 χ^2/NDF: 387119.2/6



Right In: 38.944+/-355.696 χ^2/NDF: 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

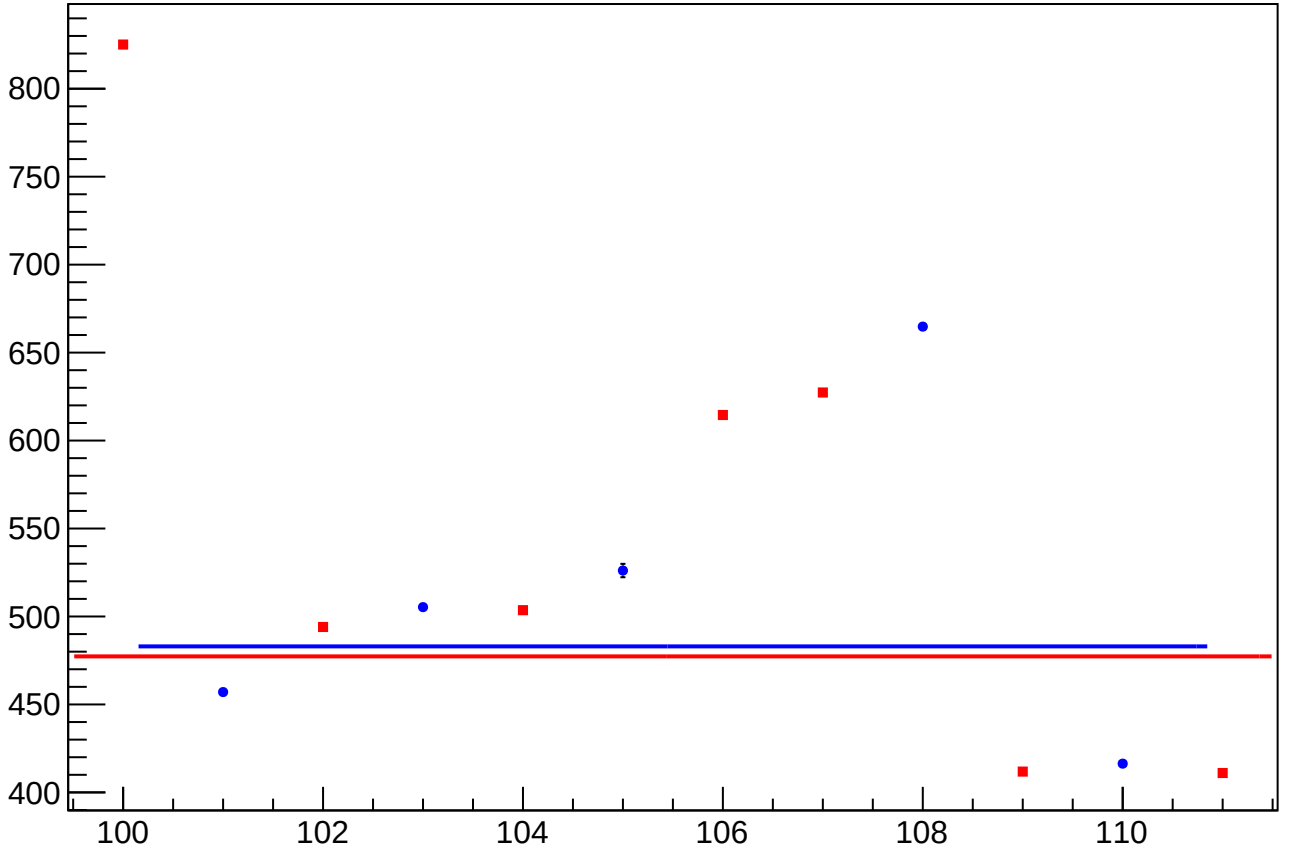
Right Out: -316.462+/-295.739 χ^2/NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

38.944+/-355.696 χ^2/NDF: 10.2/4

-316.462+/-295.739 χ^2/NDF: 4.4/6

asym_sam_1357_avg_correction_rms vs slug



Right In: 483.004+/-0.252 χ^2/NDF: 80328.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

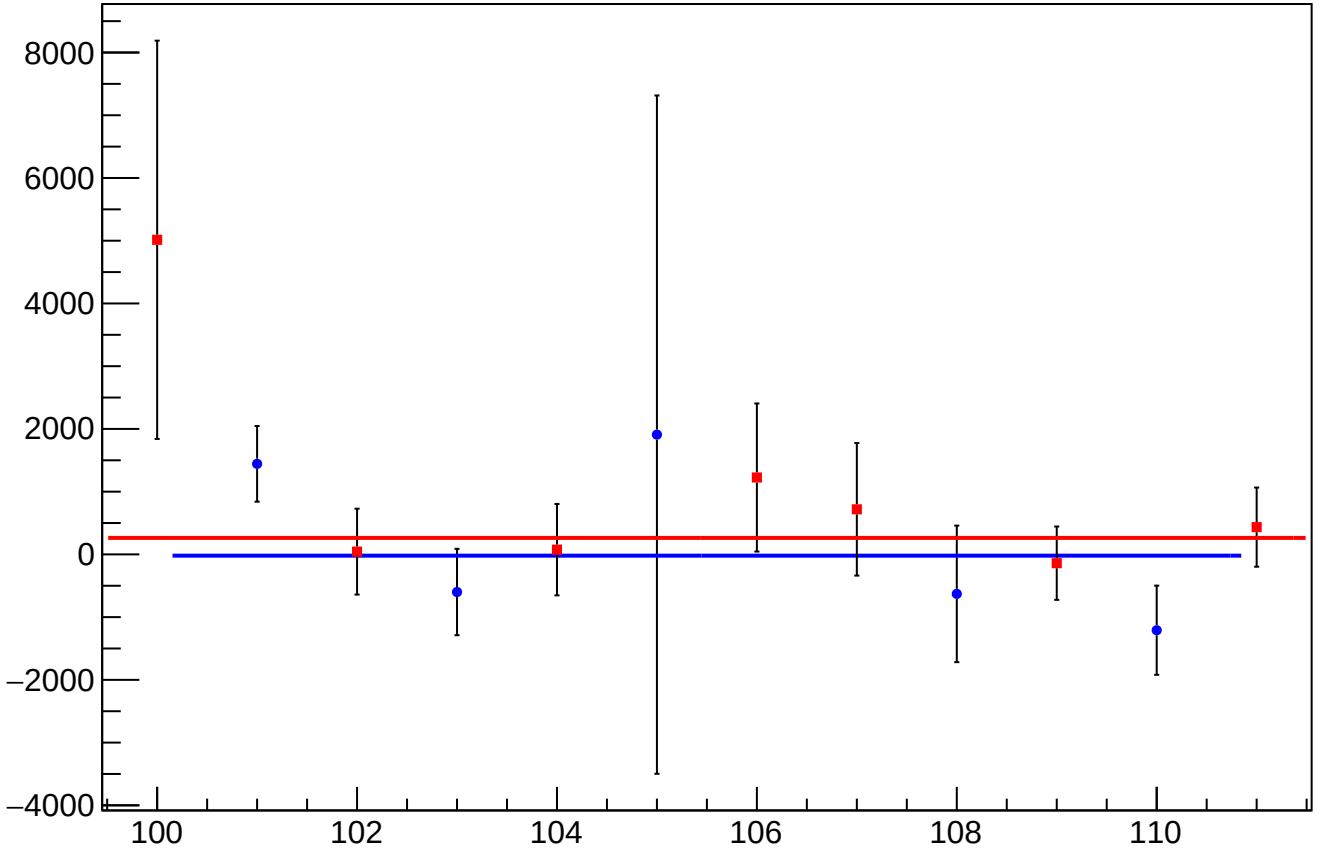
Right Out: 477.320+/-0.209 χ^2/NDF: 145597.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

483.004+/-0.252 χ^2/NDF: 80328.8/4

477.320+/-0.209 χ^2/NDF: 145597.7/6

asym_sam_1357_avg_mean vs slug



Right In: -20.306+/-360.028 χ^2/NDF: 9.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

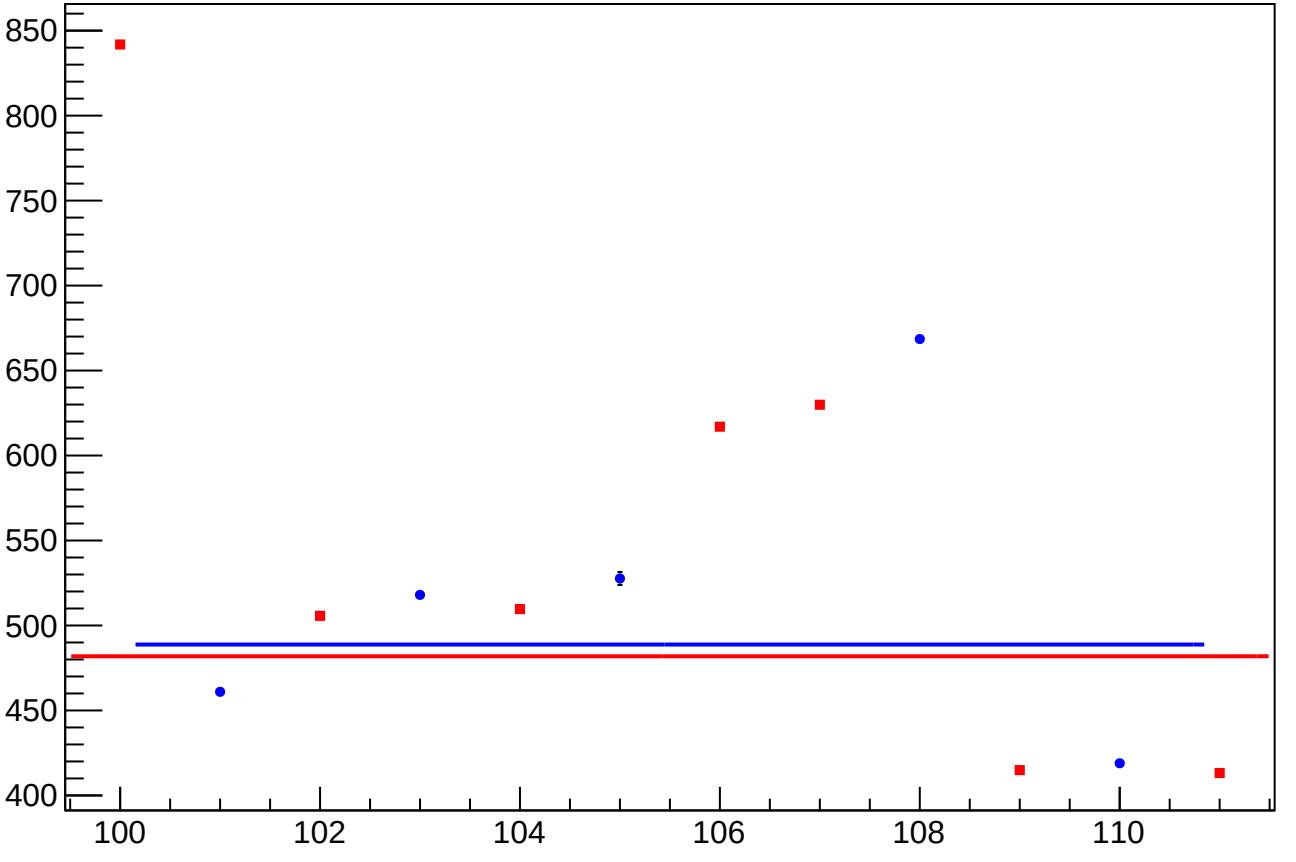
Right Out: 262.950+/-299.201 χ^2/NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-20.306+/-360.028 χ^2/NDF: 9.8/4

262.950+/-299.201 χ^2/NDF: 3.8/6

asym_sam_1357_avg_rms vs slug



Right In: 488.787+/-0.255 χ^2/NDF: 81834.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

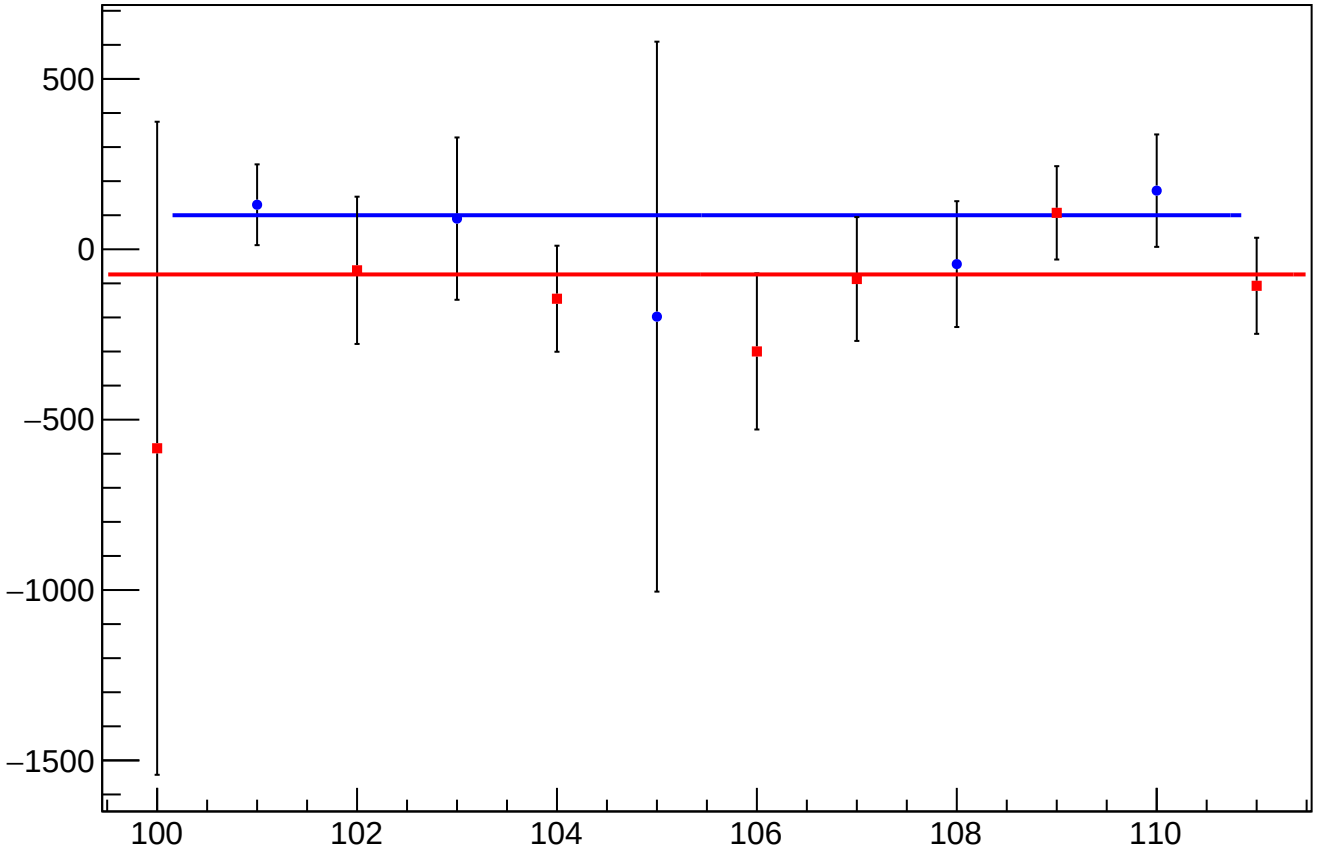
Right Out: 481.882+/-0.212 χ^2/NDF: 146457.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

488.787+/-0.255 χ^2/NDF: 81834.2/4

481.882+/-0.212 χ^2/NDF: 146457.7/6

reg_asym_sam_2468_avg_mean vs slug



Right In: 99.994+/-79.971 χ^2/NDF: 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

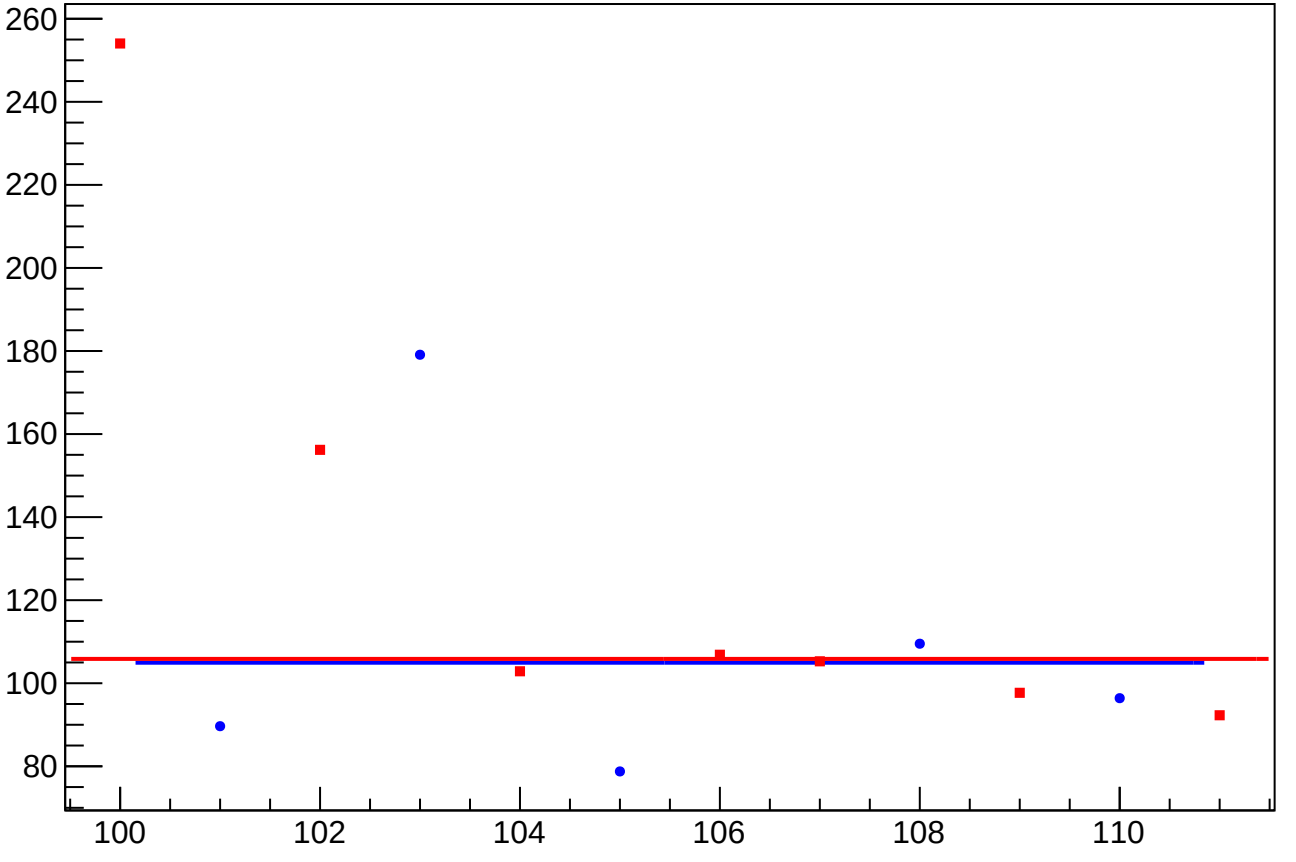
Right Out: -73.782+/-67.930 χ^2/NDF: 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

99.994+/-79.971 χ^2/NDF: 1.0/4

-73.782+/-67.930 χ^2/NDF: 3.3/6

reg_asym_sam_2468_avg_rms vs slug



Right In: 104.941+/-0.057 χ^2/NDF: 235775.8/4

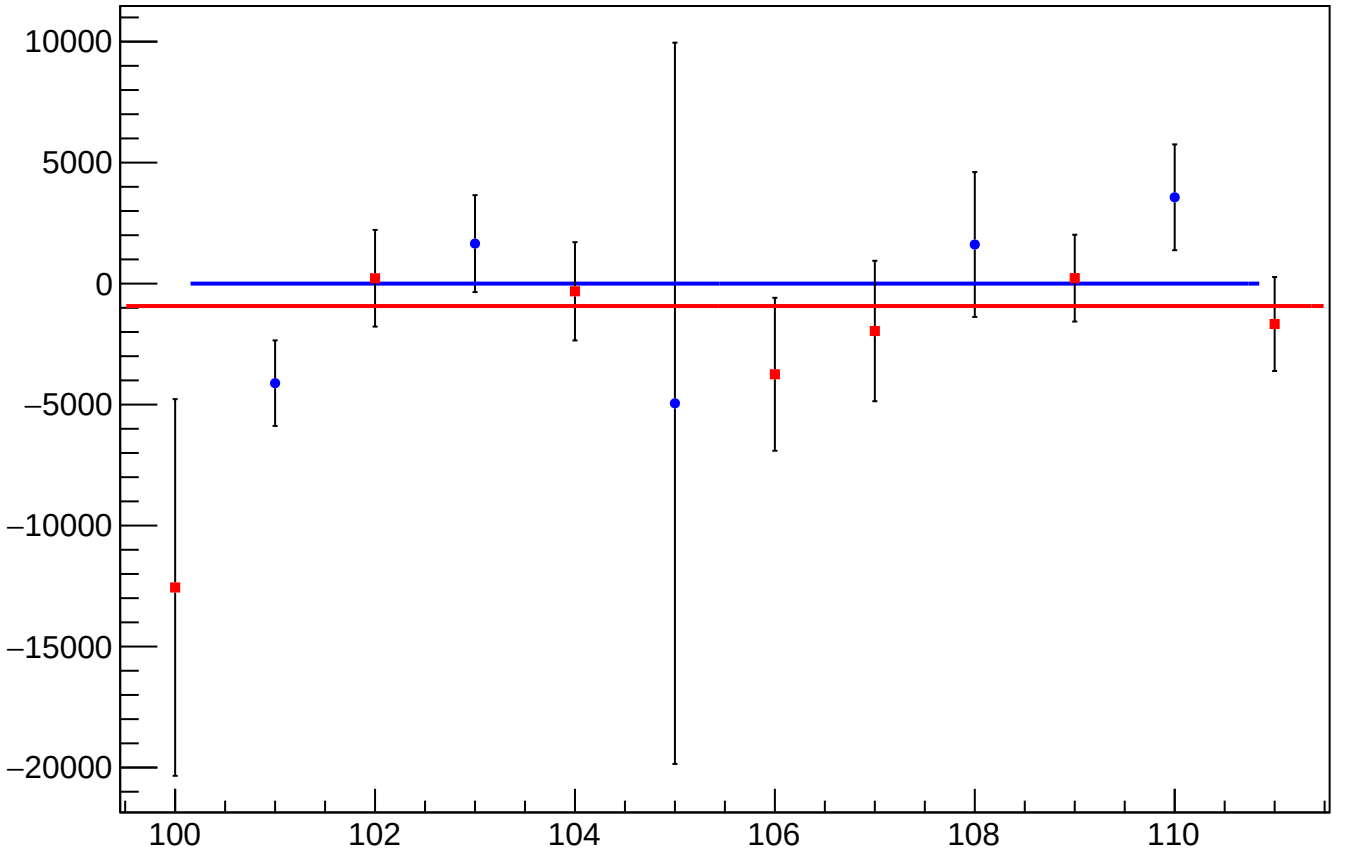
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 105.860+/-0.048 χ^2/NDF: 182764.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

104.941+/-0.057 χ^2/NDF: 235775.8/4

105.860+/-0.048 χ^2/NDF: 182764.0/6



Right In: 0.327+/-1057.349 χ^2/NDF: 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

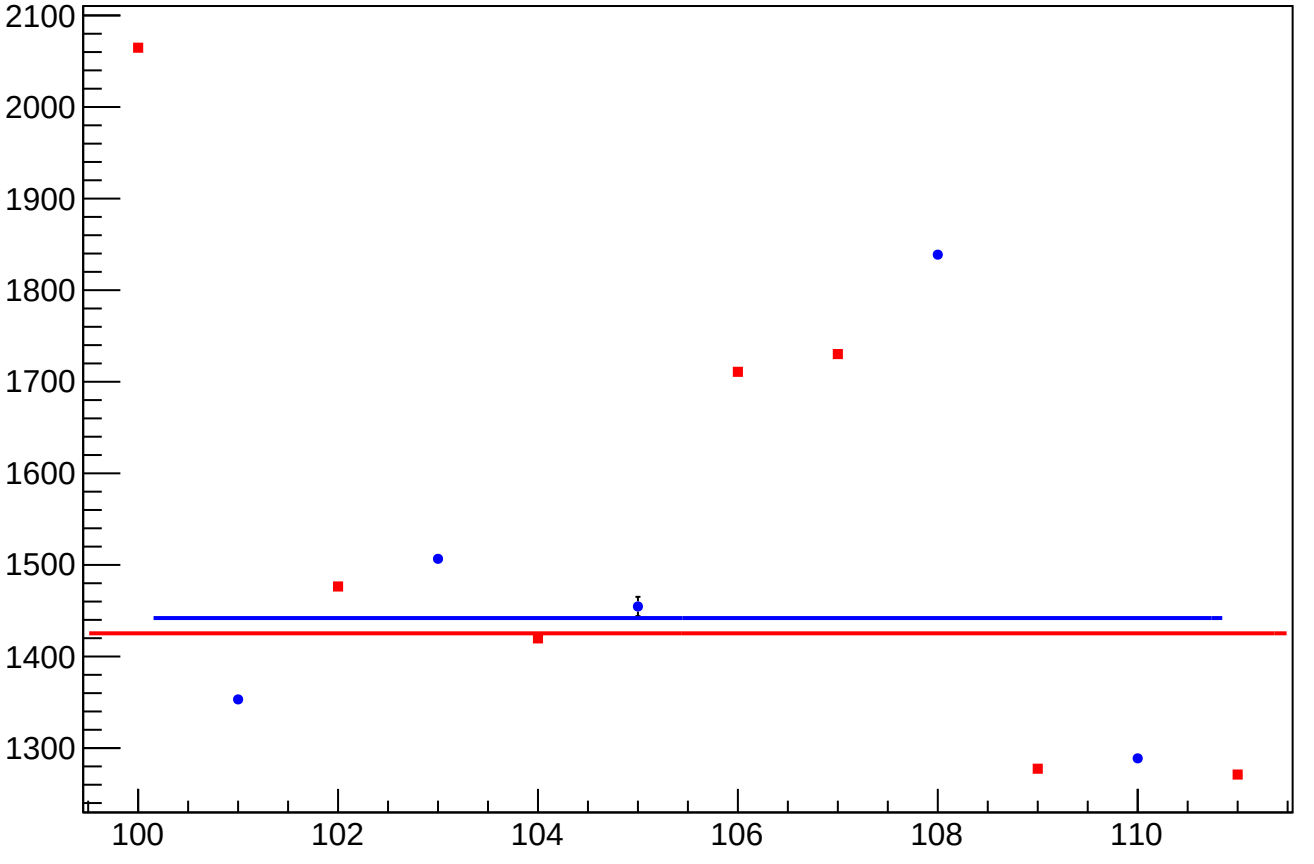
Right Out: -927.651+/-875.574 χ^2/NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.327+/-1057.349 χ^2/NDF: 9.2/4

-927.651+/-875.574 χ^2/NDF: 4.1/6

asym_sam_2468_avg_correction_rms vs slug



Right In: 1441.986+/-0.748 χ^2/NDF: 52083.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

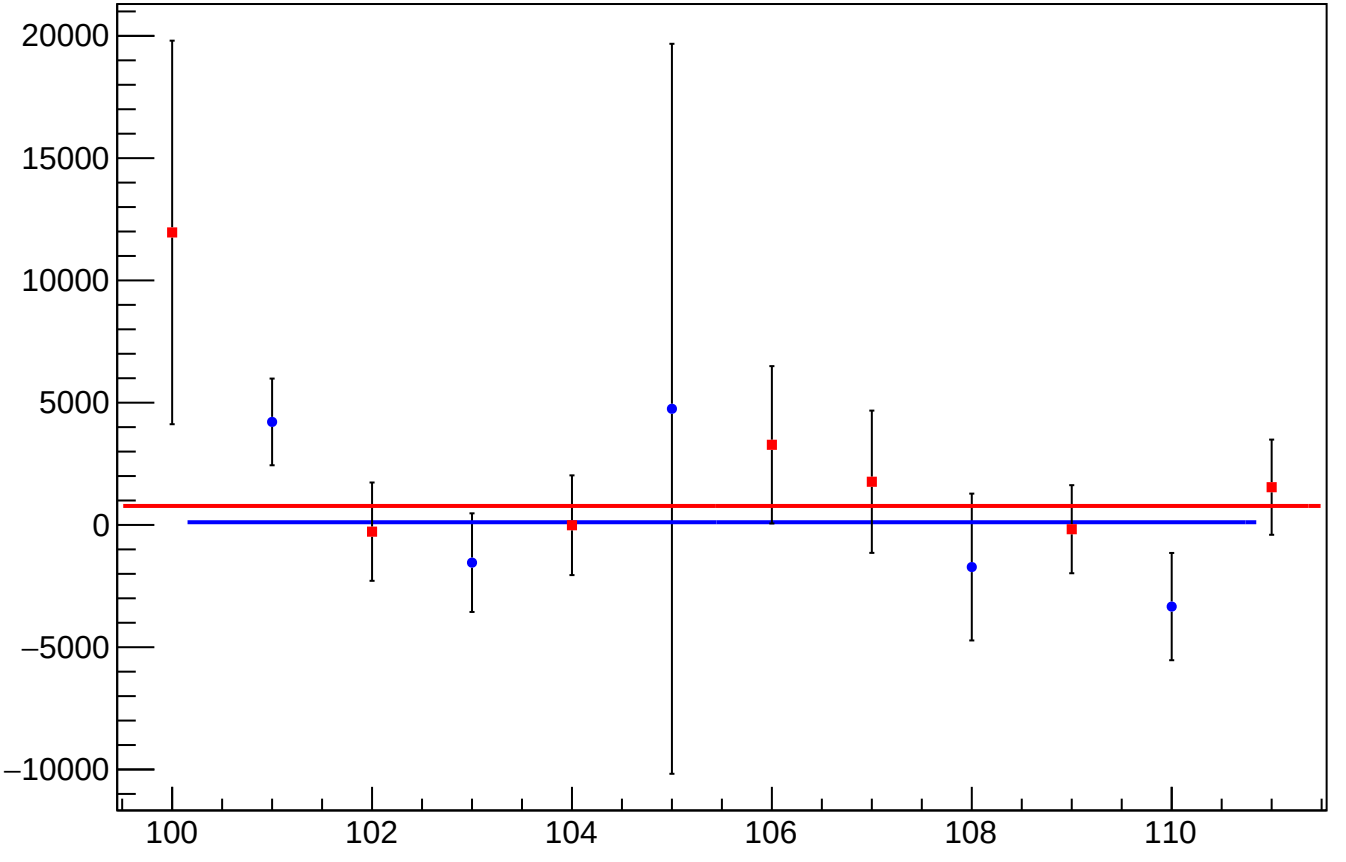
Right Out: 1425.326+/-0.619 χ^2/NDF: 79430.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1441.986+/-0.748 χ^2/NDF: 52083.6/4

1425.326+/-0.619 χ^2/NDF: 79430.6/6

asym_sam_2468_avg_mean vs slug



Right In: 110.877+/-1061.528 χ^2/NDF: 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

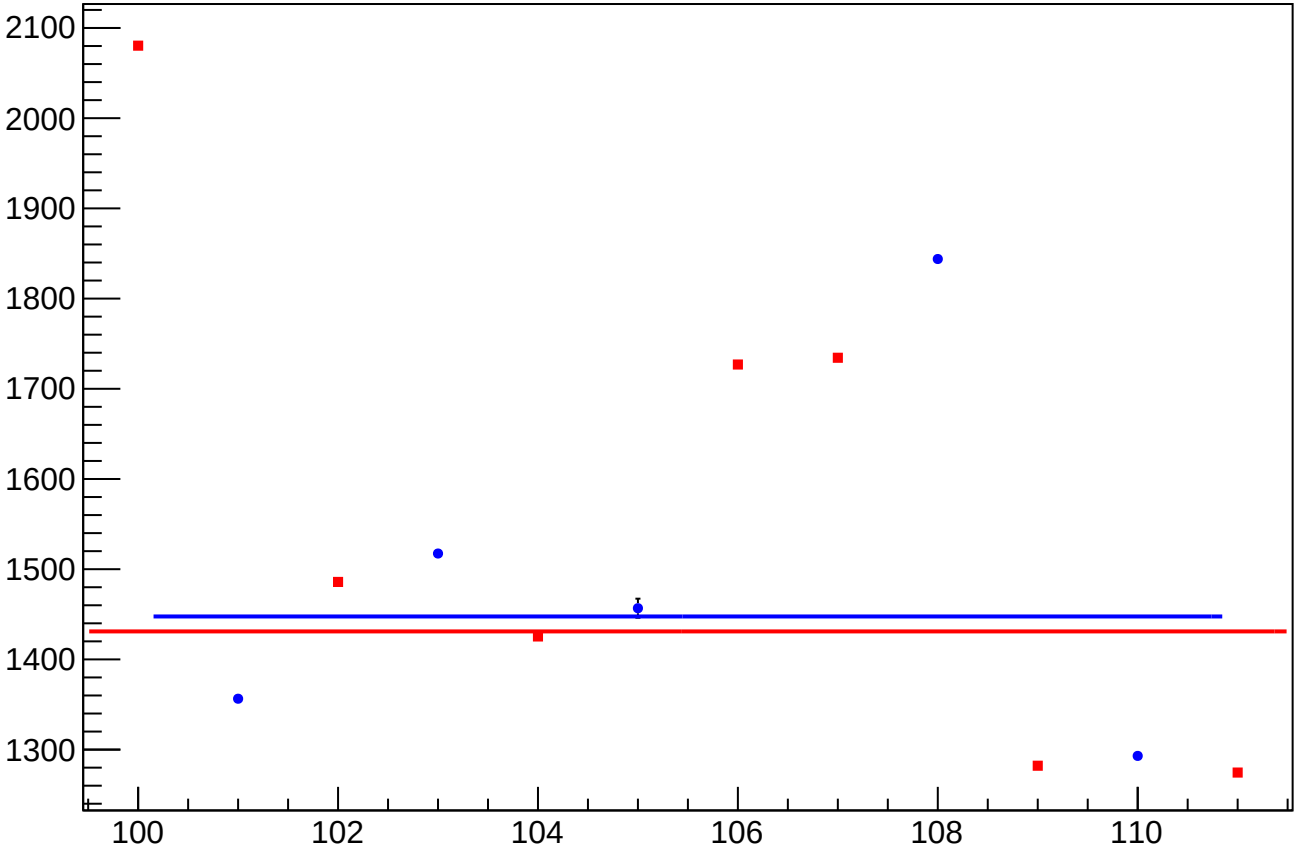
Right Out: 776.719+/-880.000 χ^2/NDF: 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

110.877+/-1061.528 χ^2/NDF: 9.0/4

776.719+/-880.000 χ^2/NDF: 3.6/6

asym_sam_2468_avg_rms vs slug



Right In: 1447.603+/-0.751 χ^2/NDF: 52468.7/4

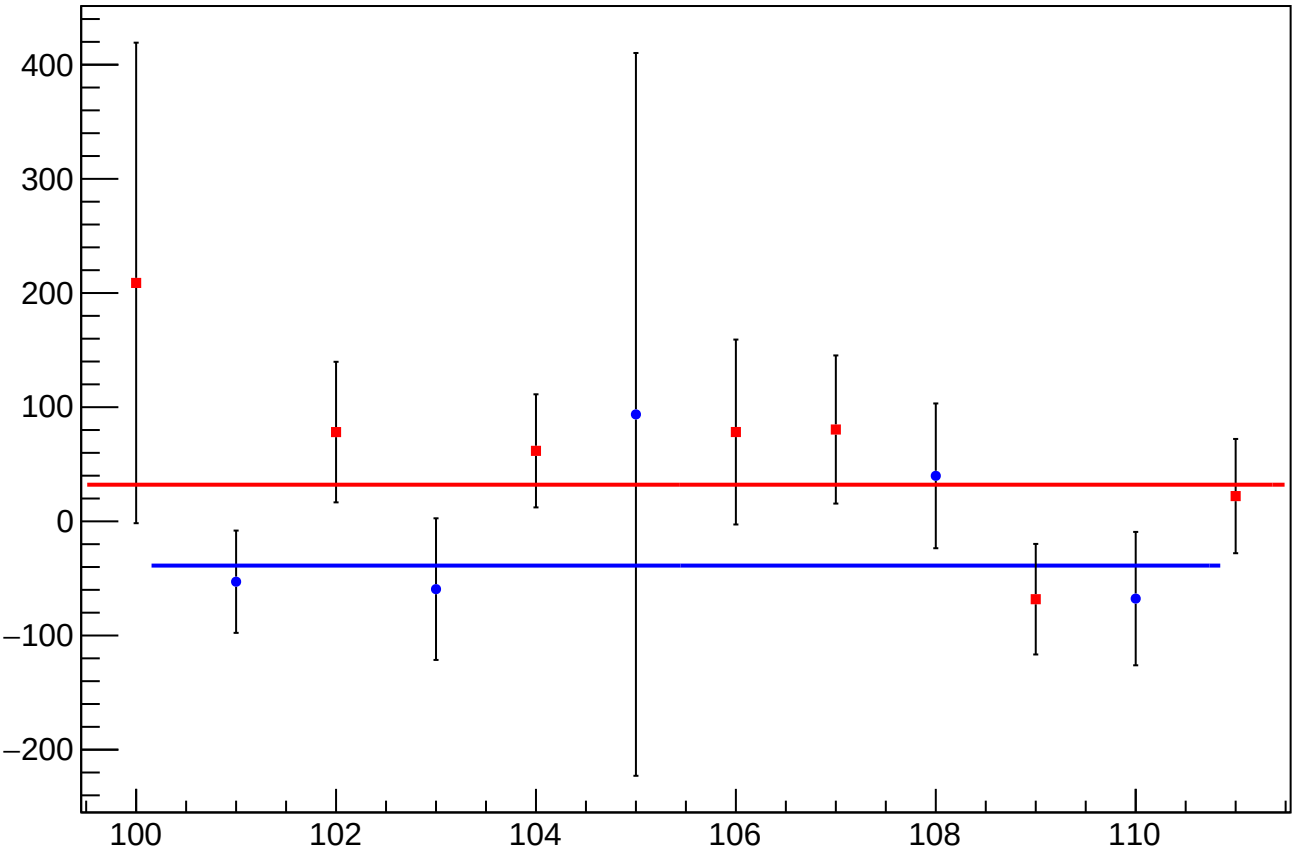
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1431.029+/-0.622 χ^2/NDF: 80486.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1447.603+/-0.751 χ^2/NDF: 52468.7/4

1431.029+/-0.622 χ^2/NDF: 80486.9/6



Right In: -38.749+/-27.631 χ^2/NDF: 2.2/4

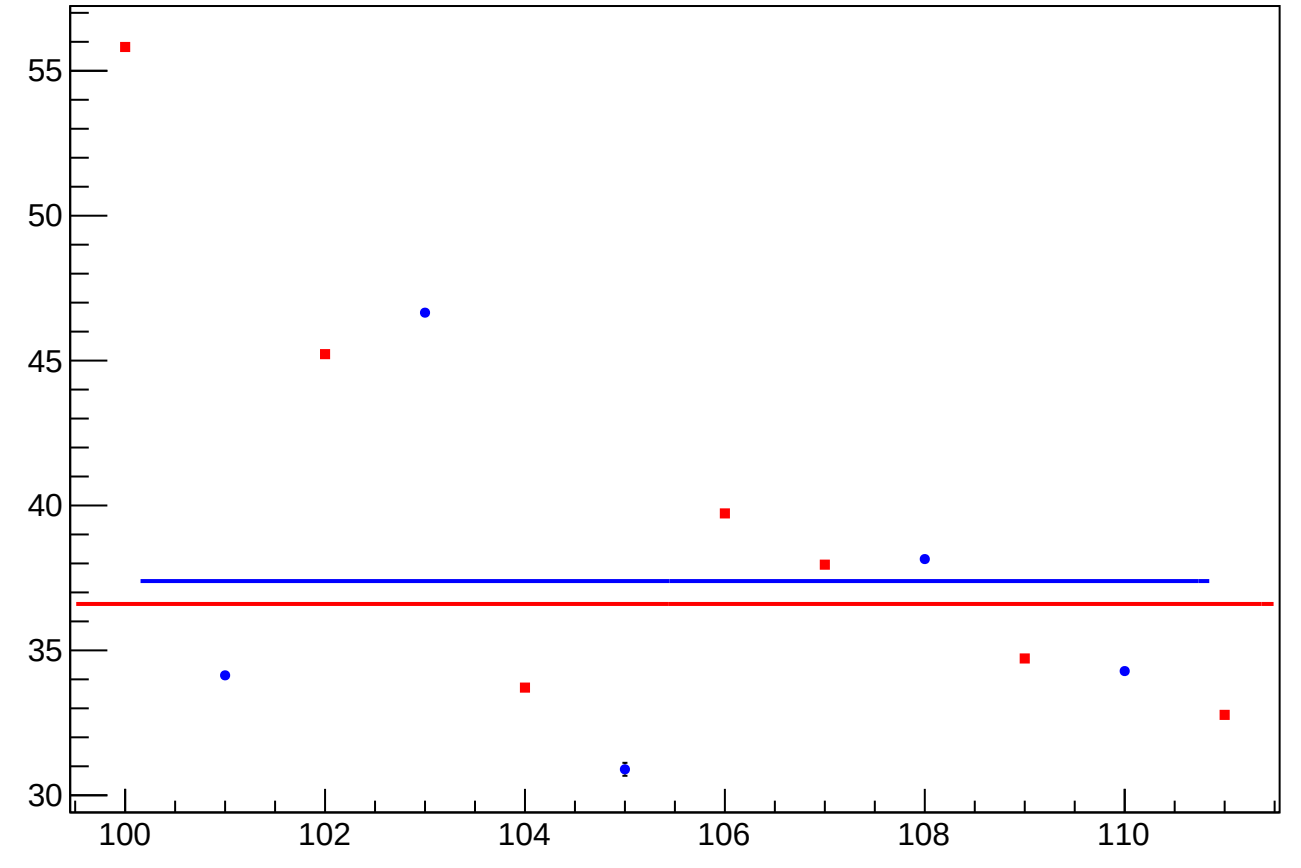
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.100+/-22.882 χ^2/NDF: 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-38.749+/-27.631 χ^2/NDF: 2.2/4

32.100+/-22.882 χ^2/NDF: 6.8/6



Right In: 37.392+/-0.020 χ^2/NDF: 61911.9/4

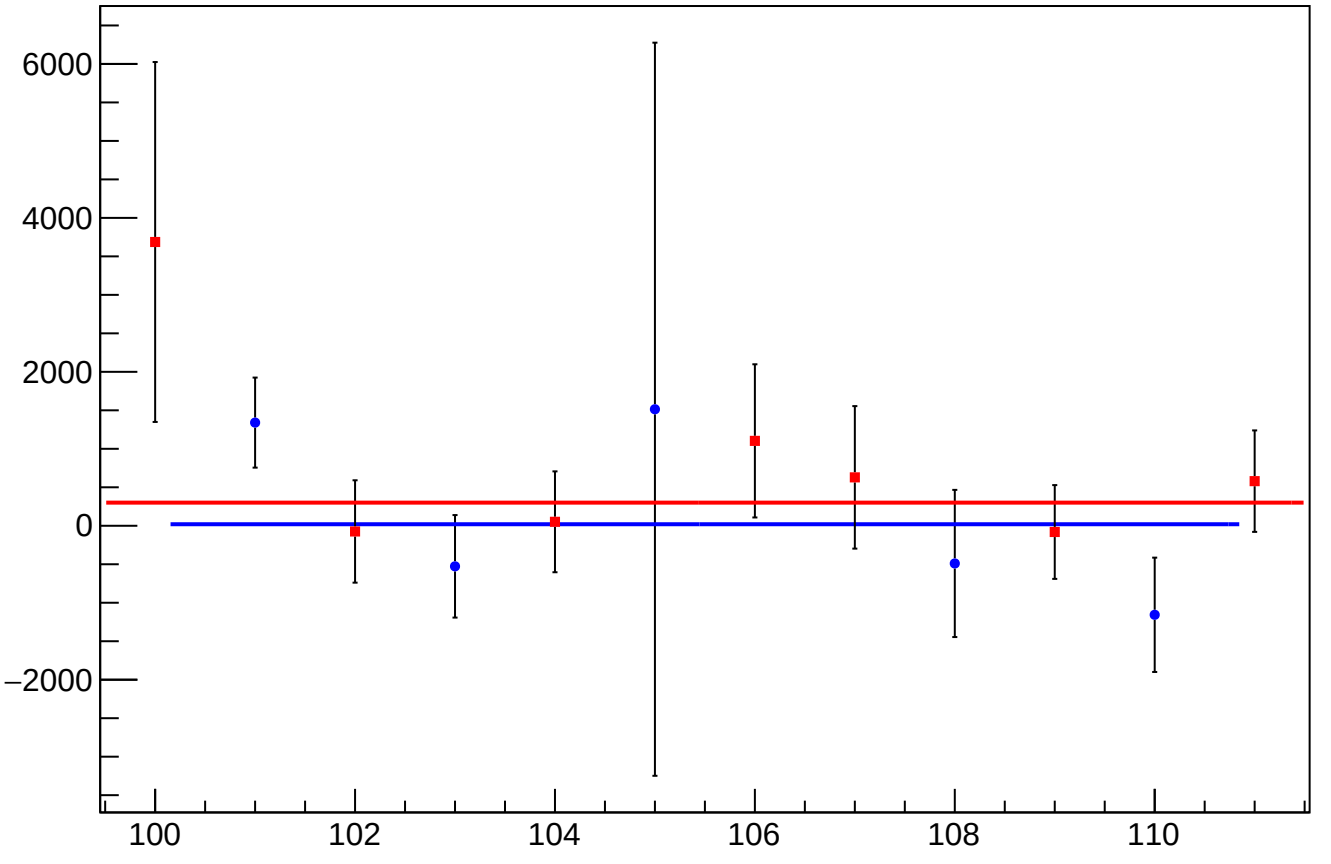
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 36.602+/-0.016 χ^2/NDF: 81256.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

37.392+/-0.020 χ^2/NDF: 61911.9/4

36.602+/-0.016 χ^2/NDF: 81256.1/6



Right In: 20.000+/-350.743 χ^2/NDF: 8.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

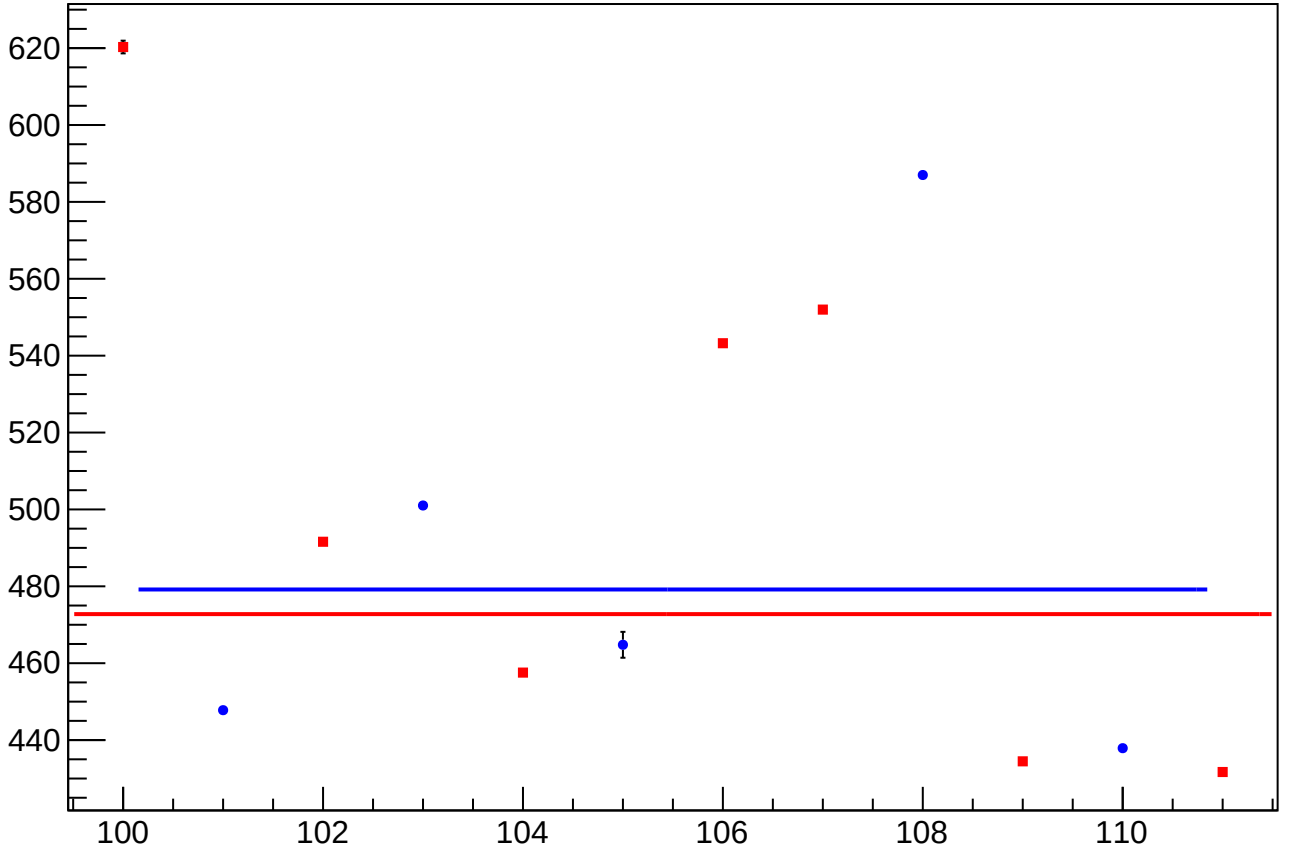
Right Out: 300.680+/-289.335 χ^2/NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

20.000+/-350.743 χ^2/NDF: 8.7/4

300.680+/-289.335 χ^2/NDF: 3.9/6

asym_sam_1357_2468_dd_correction_rms vs slug



Right In: 479.177+/-0.248 χ^2/NDF: 39548.9/4

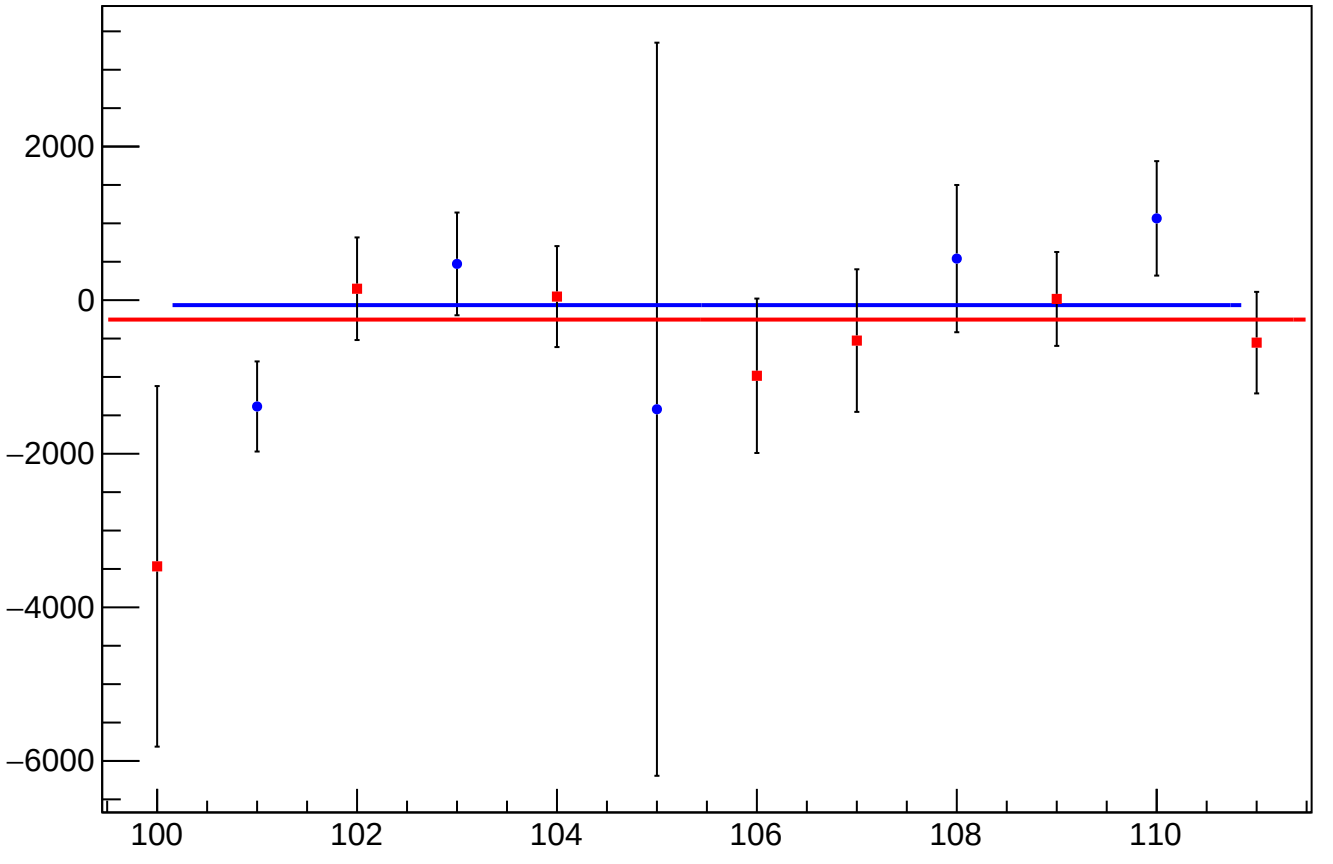
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 472.769+/-0.205 χ^2/NDF: 50980.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

479.177+/-0.248 χ^2/NDF: 39548.9/4

472.769+/-0.205 χ^2/NDF: 50980.9/6



Right In: -64.750+/-351.945 χ^2/NDF: 8.5/4

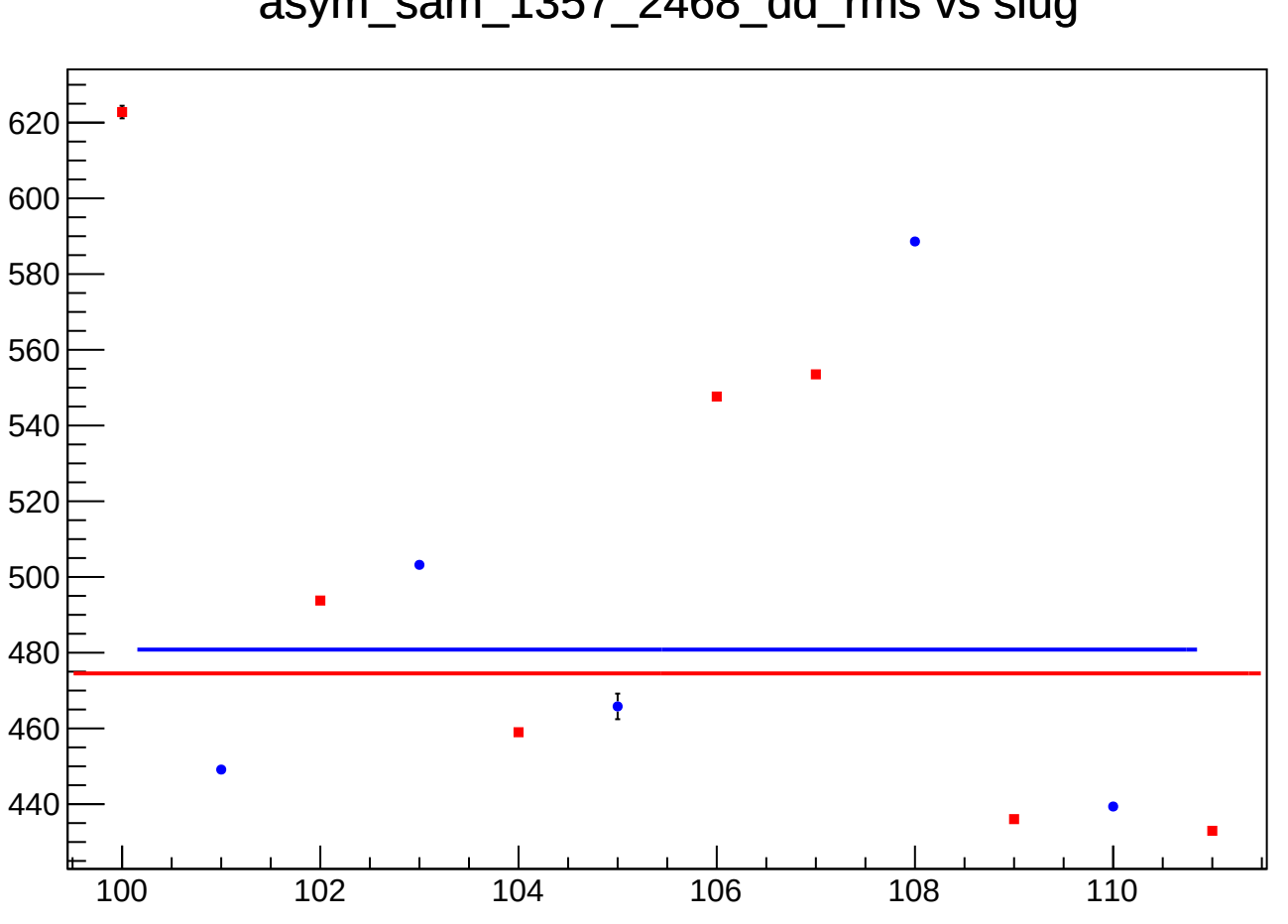
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -252.965+/-290.499 χ^2/NDF: 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-64.750+/-351.945 χ^2/NDF: 8.5/4

-252.965+/-290.499 χ^2/NDF: 3.5/6



Right In: 480.818+/-0.249 χ^2/NDF: 39564.2/4

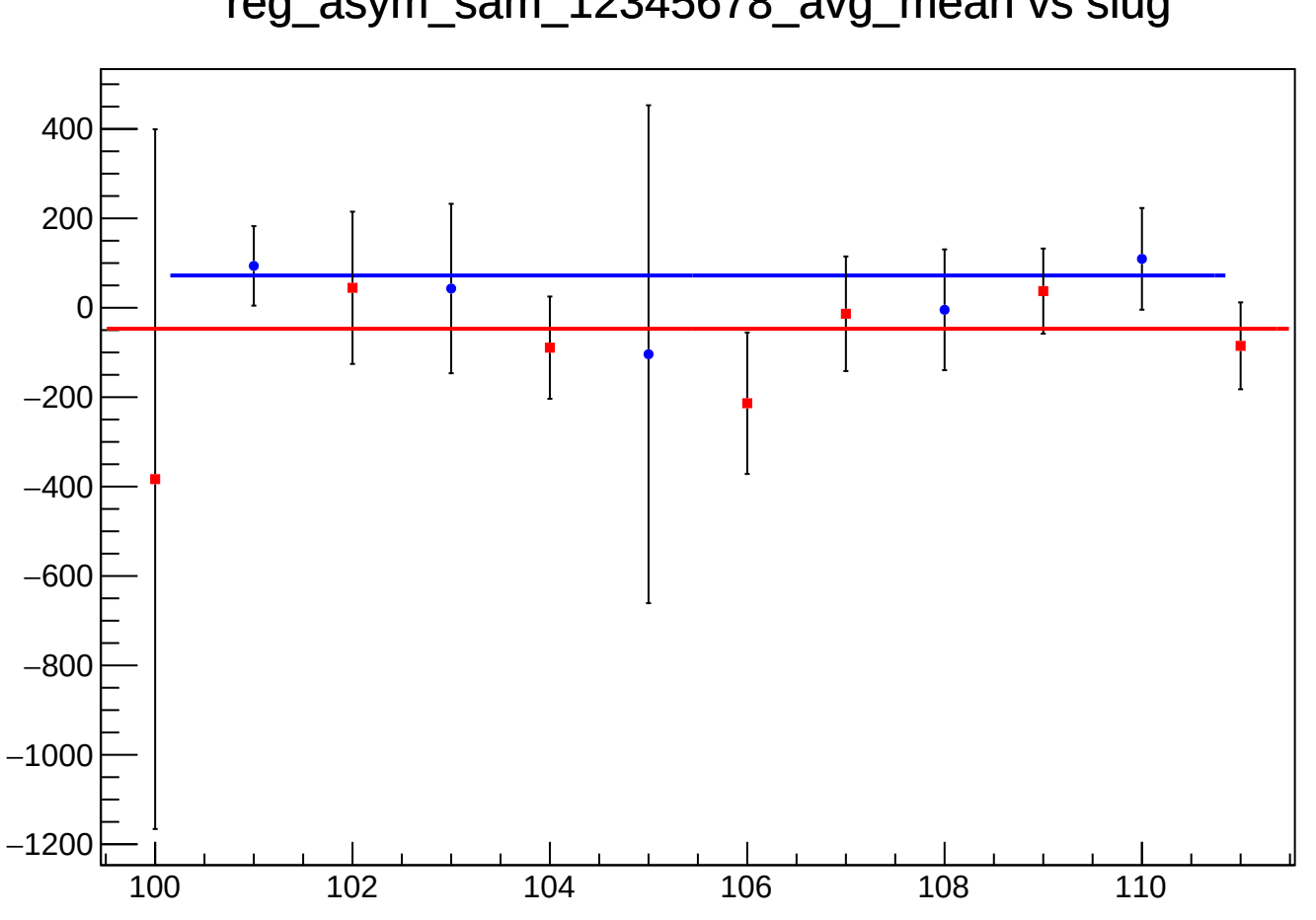
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 474.530+/-0.205 χ^2/NDF: 51647.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

480.818+/-0.249 χ^2/NDF: 39564.2/4

474.530+/-0.205 χ^2/NDF: 51647.3/6



Right In: 72.222+/-58.757 χ^2/NDF: 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

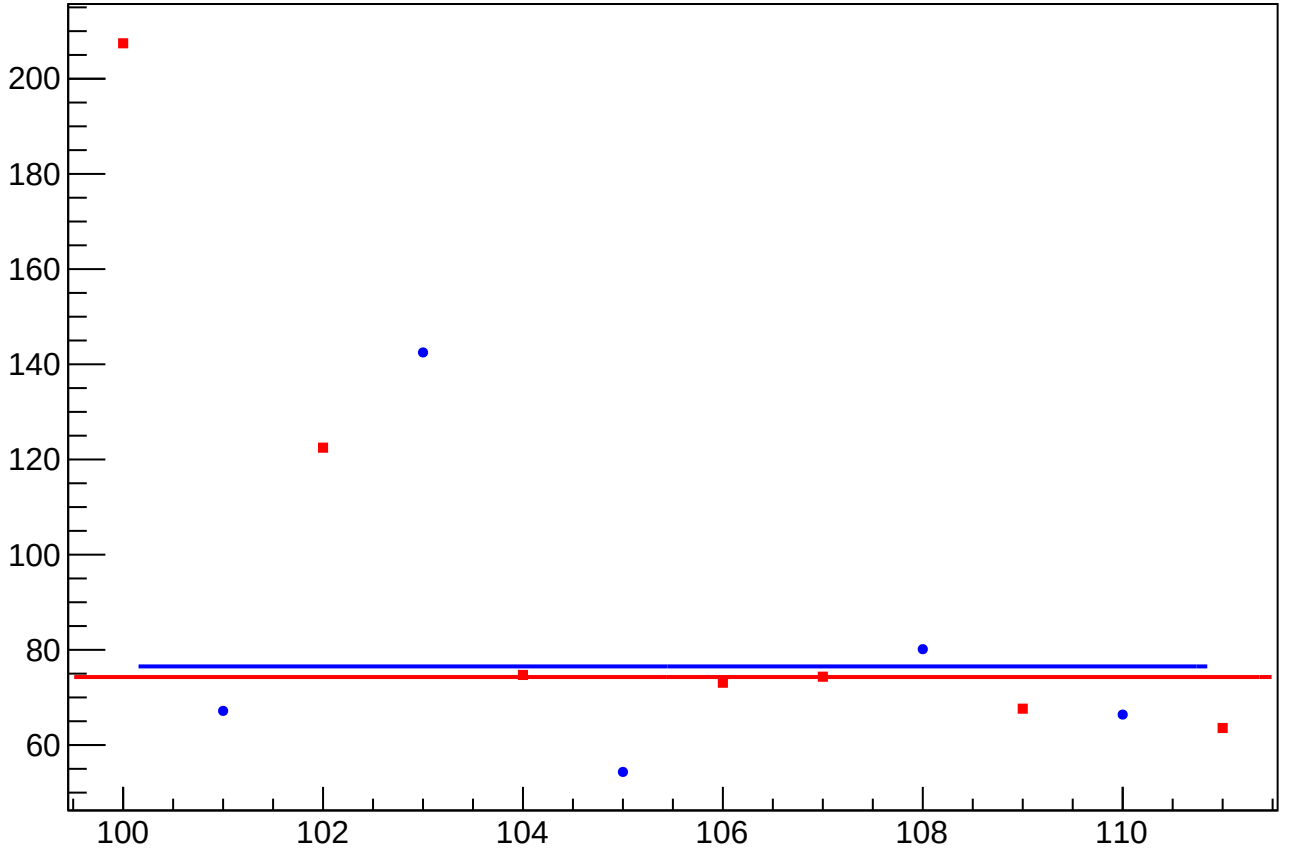
Right Out: -46.893+/-48.233 χ^2/NDF: 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

72.222+/-58.757 χ^2/NDF: 0.6/4

-46.893+/-48.233 χ^2/NDF: 2.7/6

reg_asym_sam_12345678_avg_rms vs slug



Right In: 76.520+/-0.042 χ^2/NDF: 284942.7/4

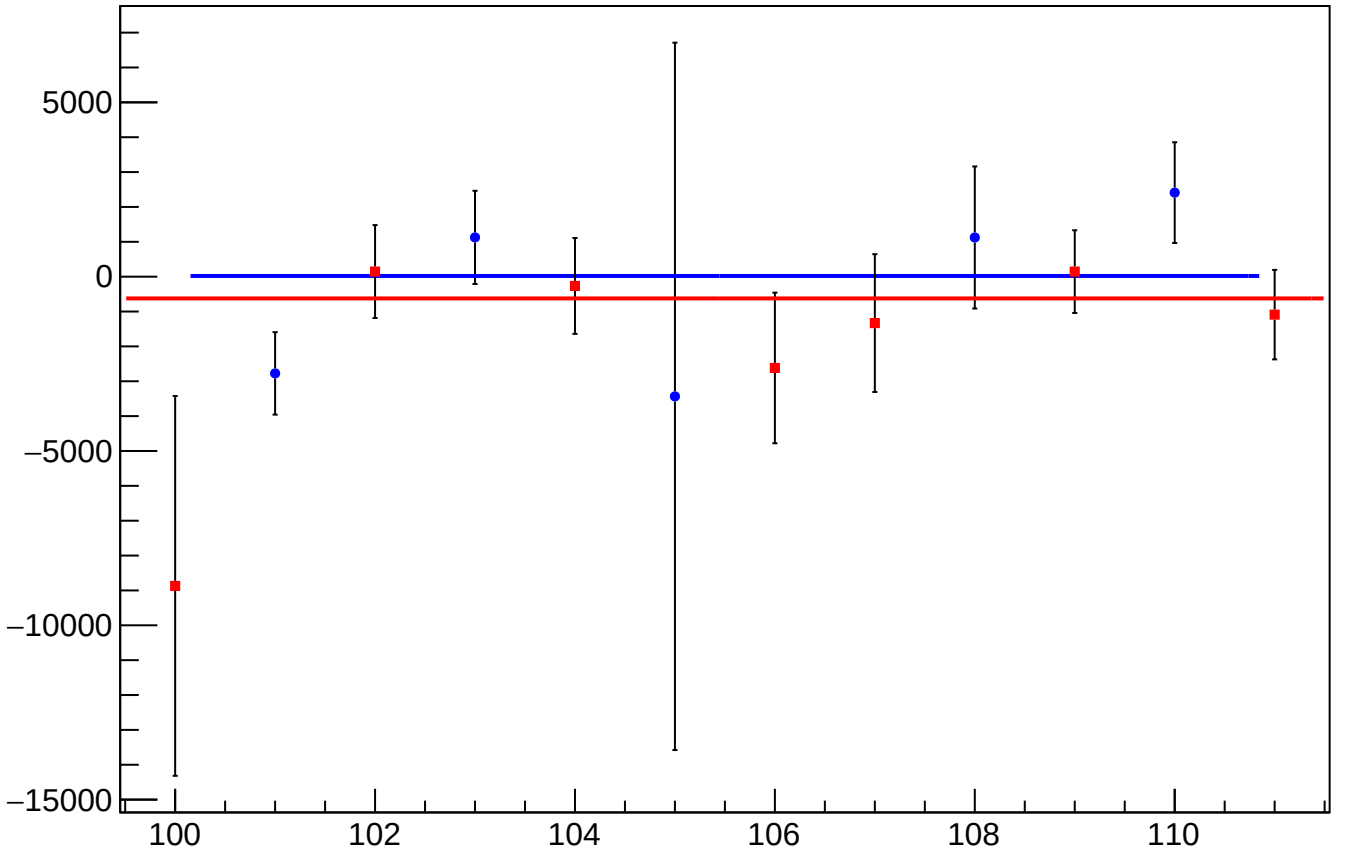
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 74.290+/-0.034 χ^2/NDF: 252300.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

76.520+/-0.042 χ^2/NDF: 284942.7/4

74.290+/-0.034 χ^2/NDF: 252300.8/6



Right In: 20.020+/-706.534 χ^2/NDF: 9.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

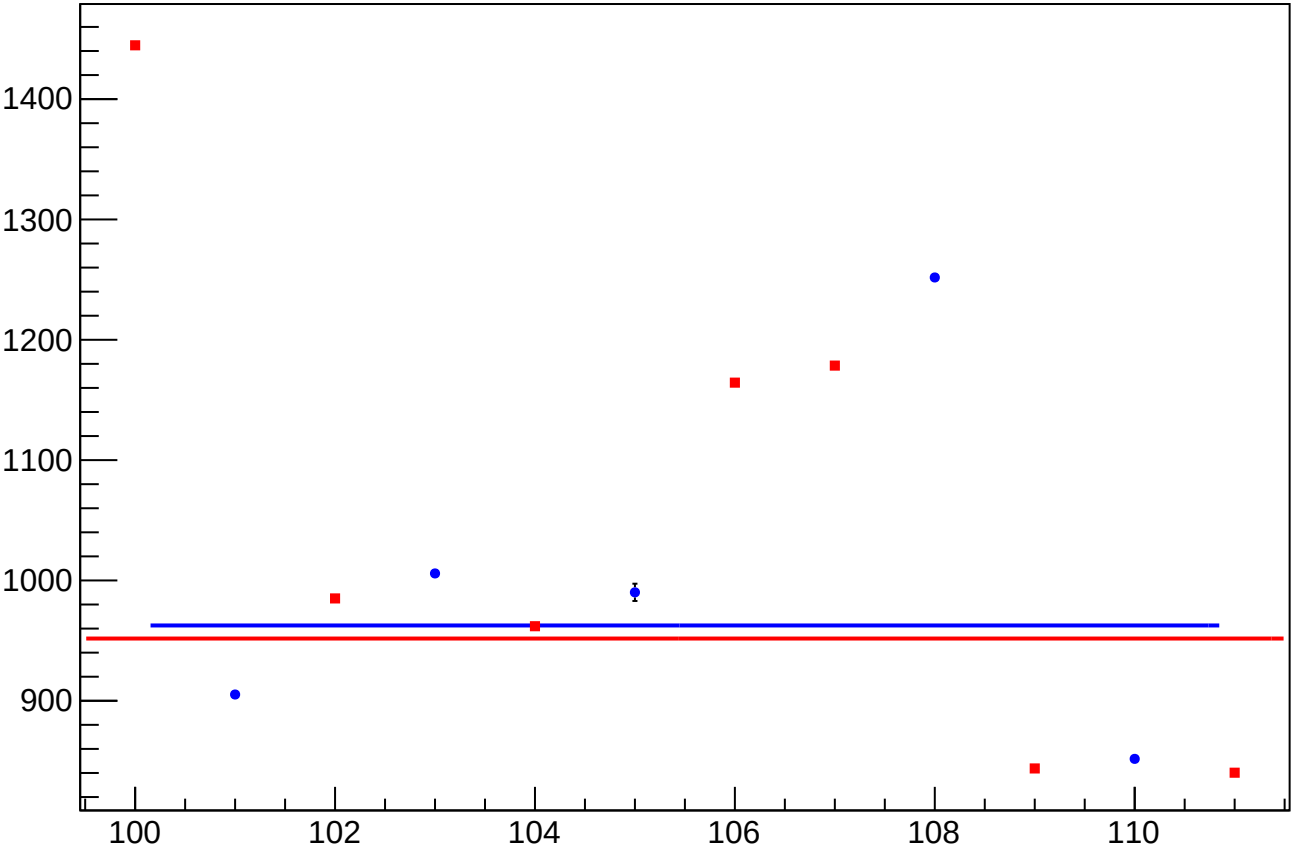
Right Out: -623.859+/-585.850 χ^2/NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

20.020+/-706.534 χ^2/NDF: 9.4/4

-623.859+/-585.850 χ^2/NDF: 4.2/6

asym_sam_12345678_avg_correction_rms vs slug



Right In: 962.592+/-0.500 χ^2/NDF: 58857.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

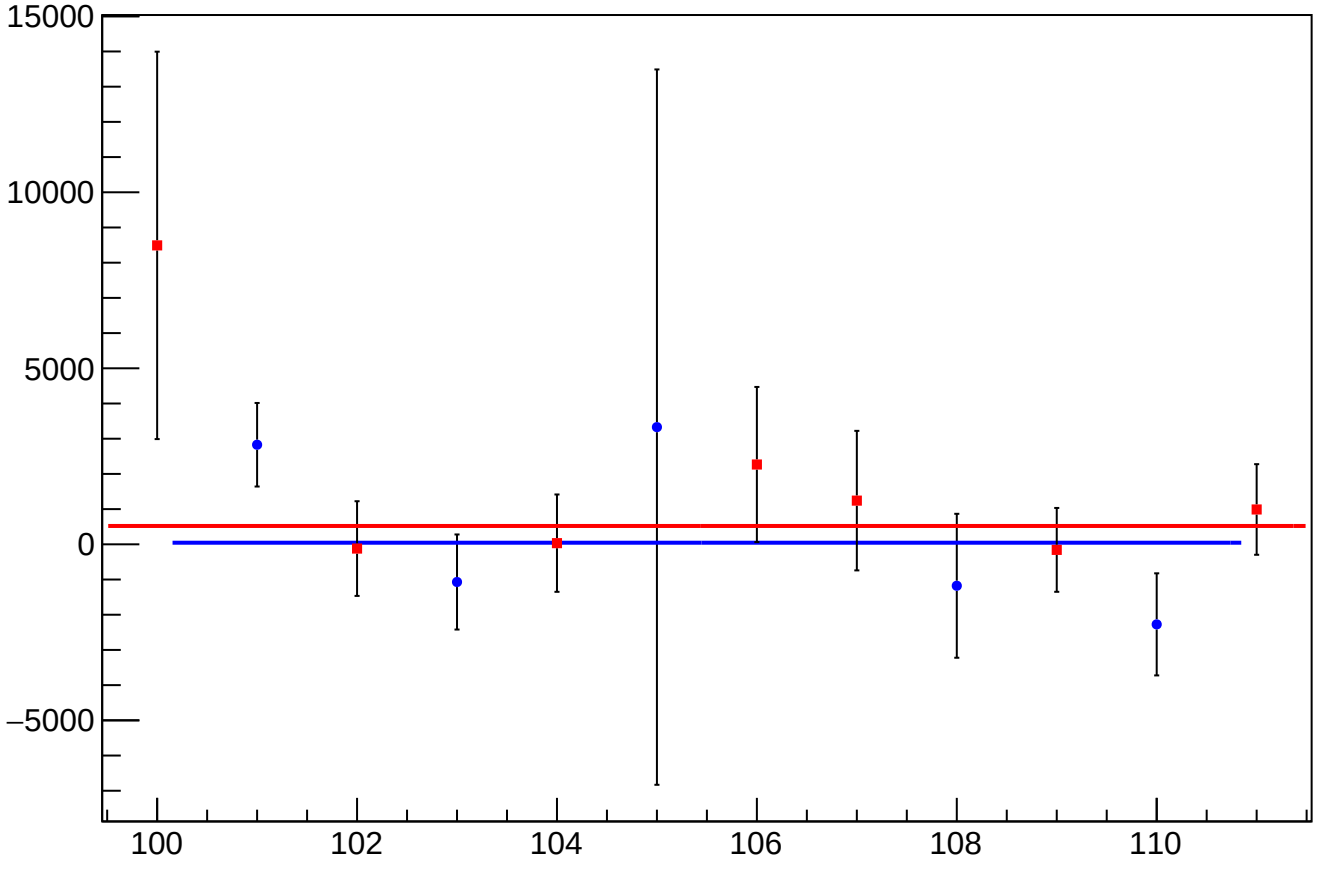
Right Out: 951.725+/-0.414 χ^2/NDF: 95133.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

962.592+/-0.500 χ^2/NDF: 58857.6/4

951.725+/-0.414 χ^2/NDF: 95133.2/6

asym_sam_12345678_avg_mean vs slug



Right In: 45.601+/-710.159 χ^2/NDF: 9.2/4

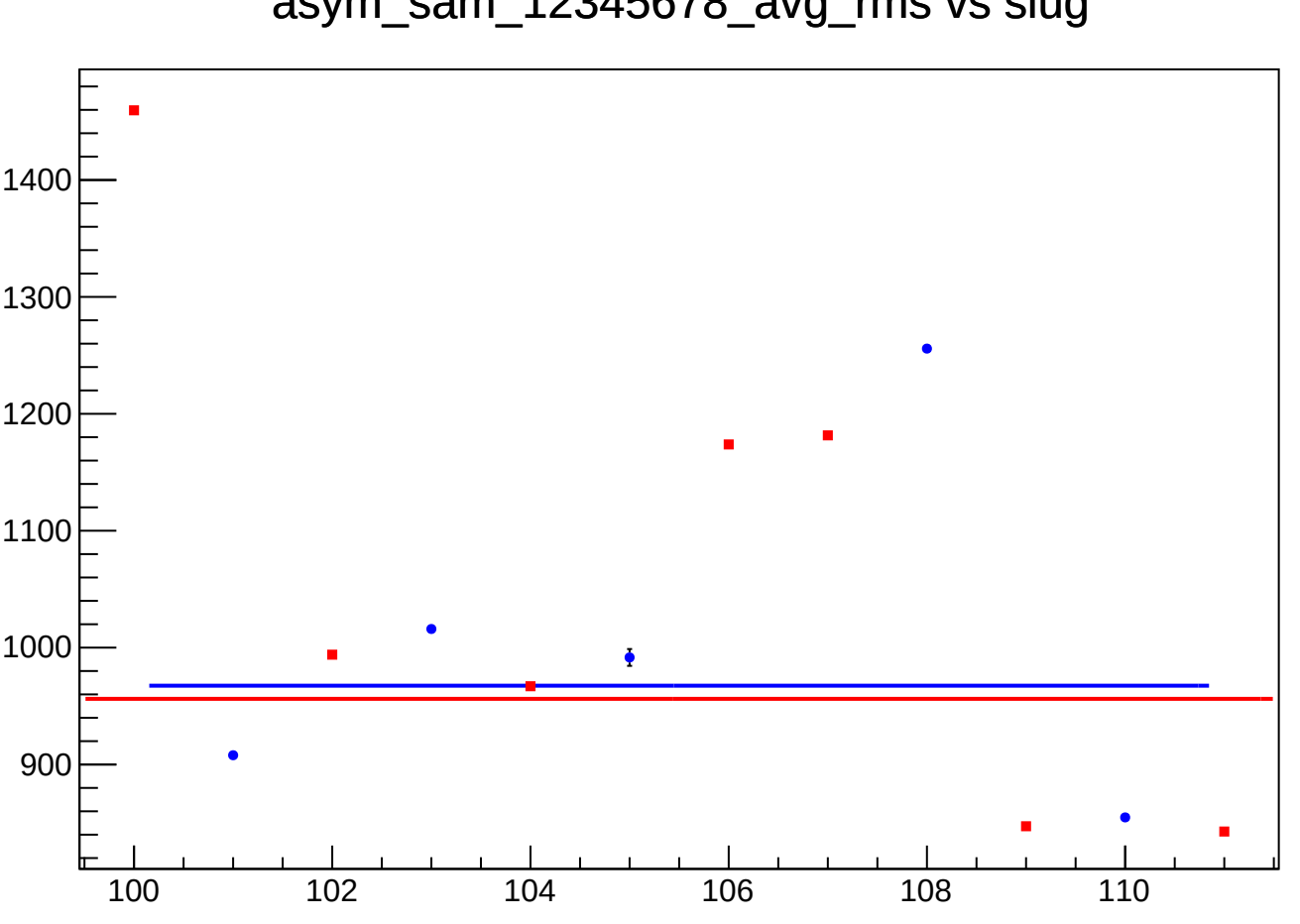
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 521.347+/-589.423 χ^2/NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

45.601+/-710.159 χ^2/NDF: 9.2/4

521.347+/-589.423 χ^2/NDF: 3.7/6



Right In: 967.444+/-0.502 χ^2/NDF: 59468.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

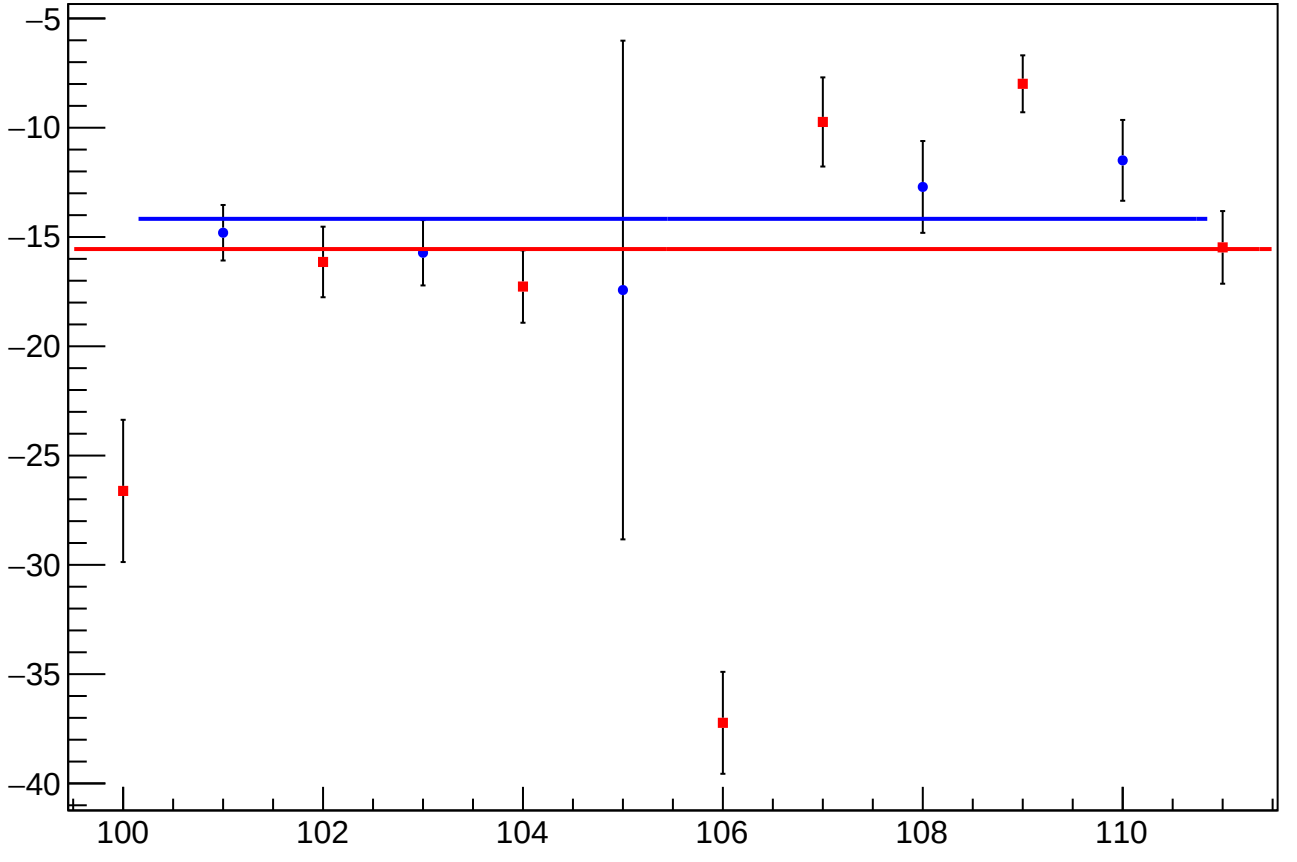
Right Out: 956.195+/-0.417 χ^2/NDF: 96113.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

967.444+/-0.502 χ^2/NDF: 59468.8/4

956.195+/-0.417 χ^2/NDF: 96113.2/6

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -14.169+/-0.792 χ^2/NDF: 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

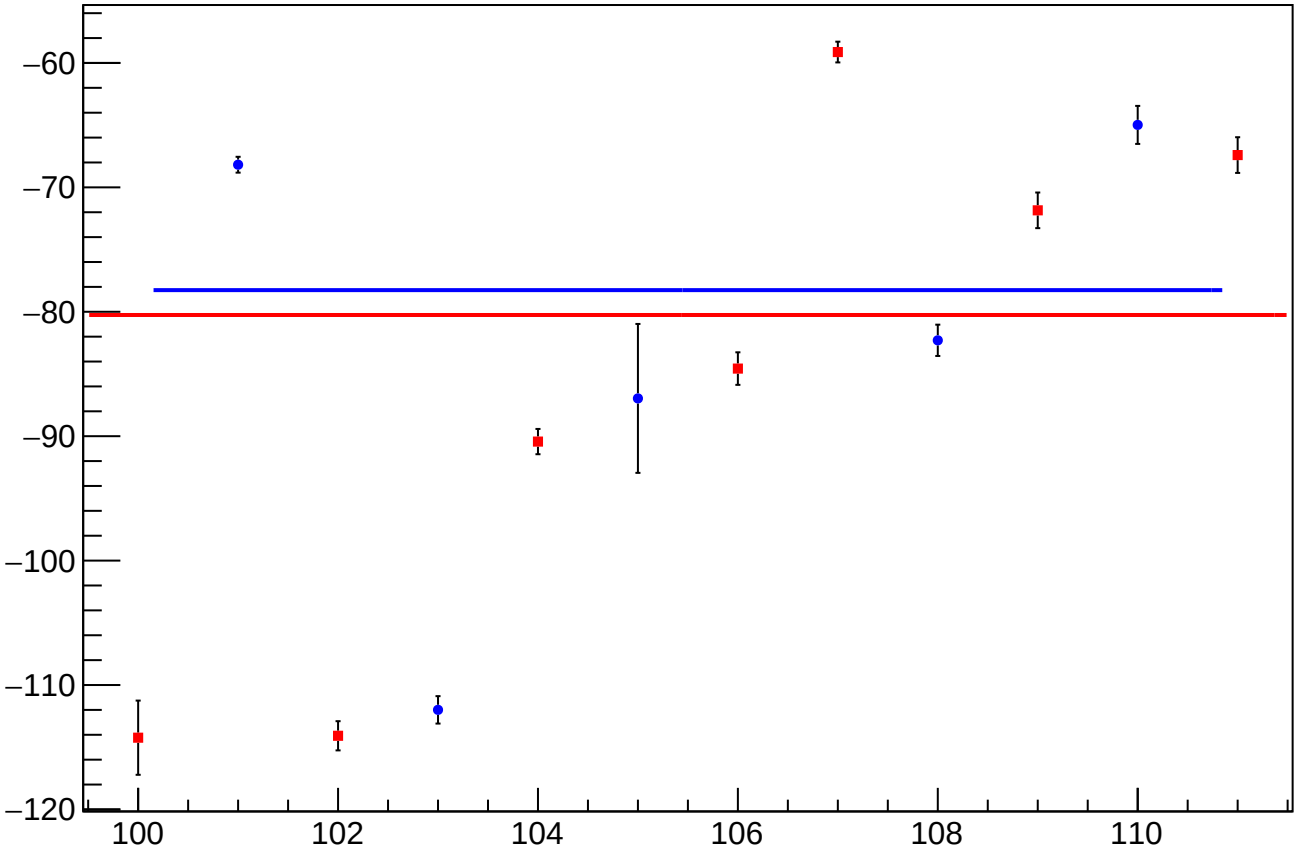
Right Out: -15.551+/-0.671 χ^2/NDF: 141.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-14.169+/-0.792 χ^2/NDF: 4.0/4

-15.551+/-0.671 χ^2/NDF: 141.0/6

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -78.260+/-0.478 χ^2/NDF: 1275.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

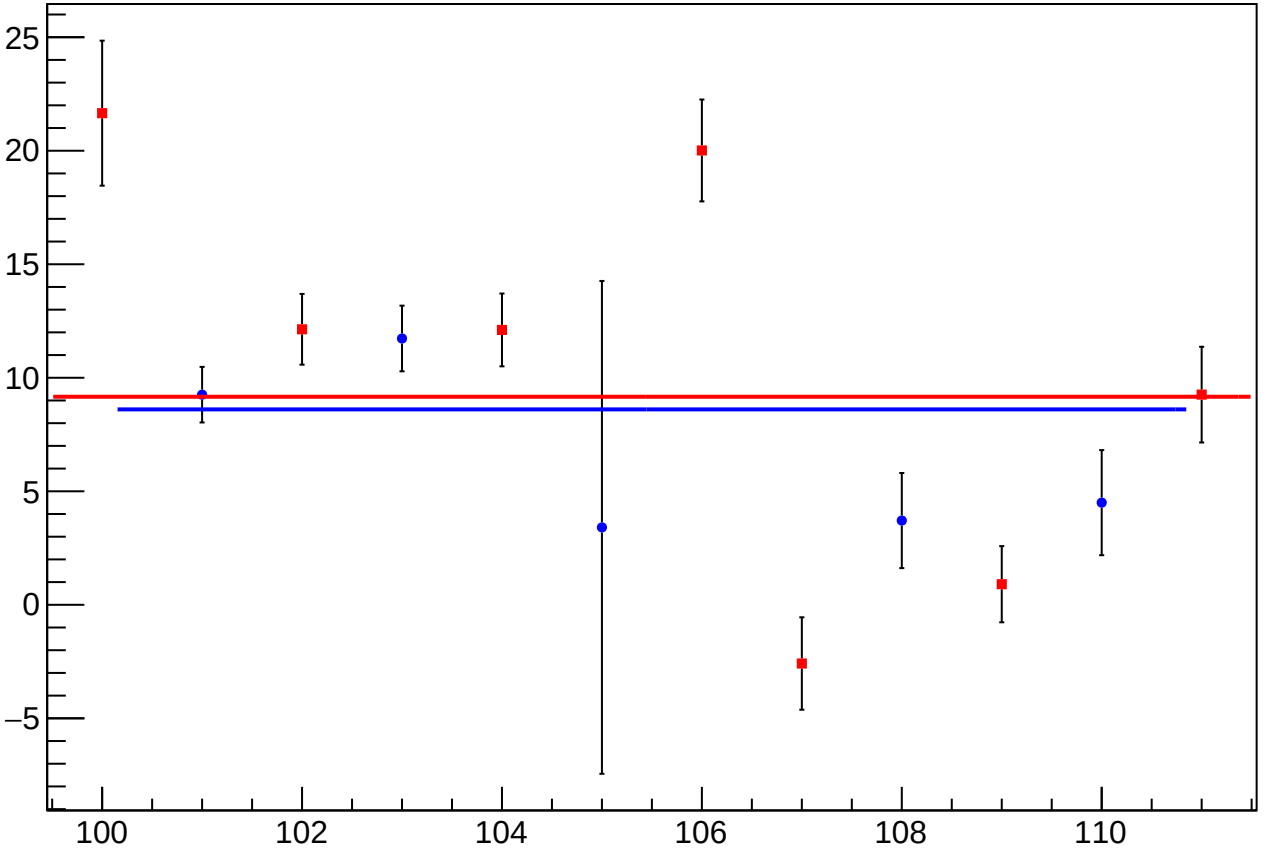
Right Out: -80.258+/-0.456 χ^2/NDF: 1828.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-78.260+/-0.478 χ^2/NDF: 1275.6/4

-80.258+/-0.456 χ^2/NDF: 1828.3/6

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: 8.607+/-0.798 χ^2/NDF: 13.8/4

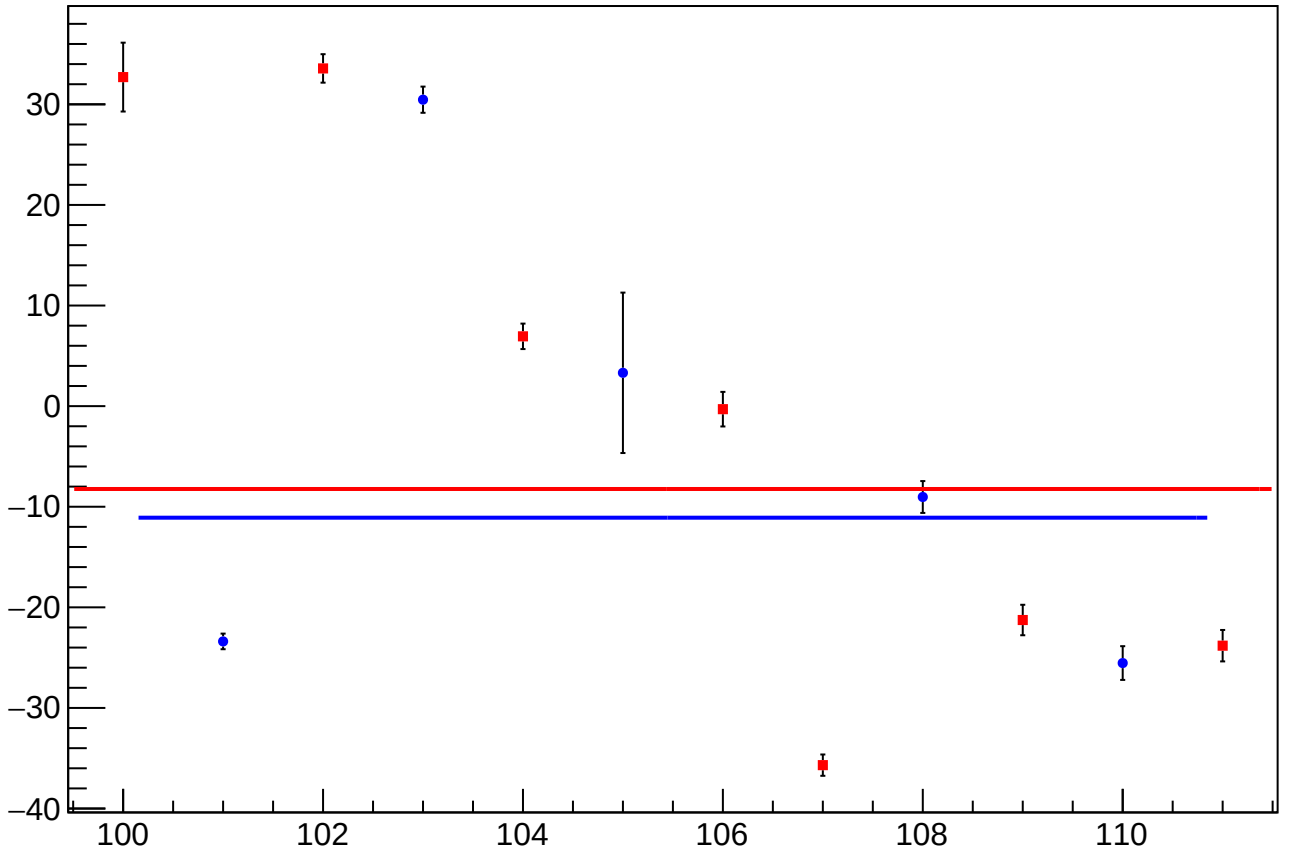
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.164+/-0.722 χ^2/NDF: 103.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

8.607+/-0.798 χ^2/NDF: 13.8/4

9.164+/-0.722 χ^2/NDF: 103.2/6



Right In: -11.089+/-0.575 χ^2/NDF: 1350.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

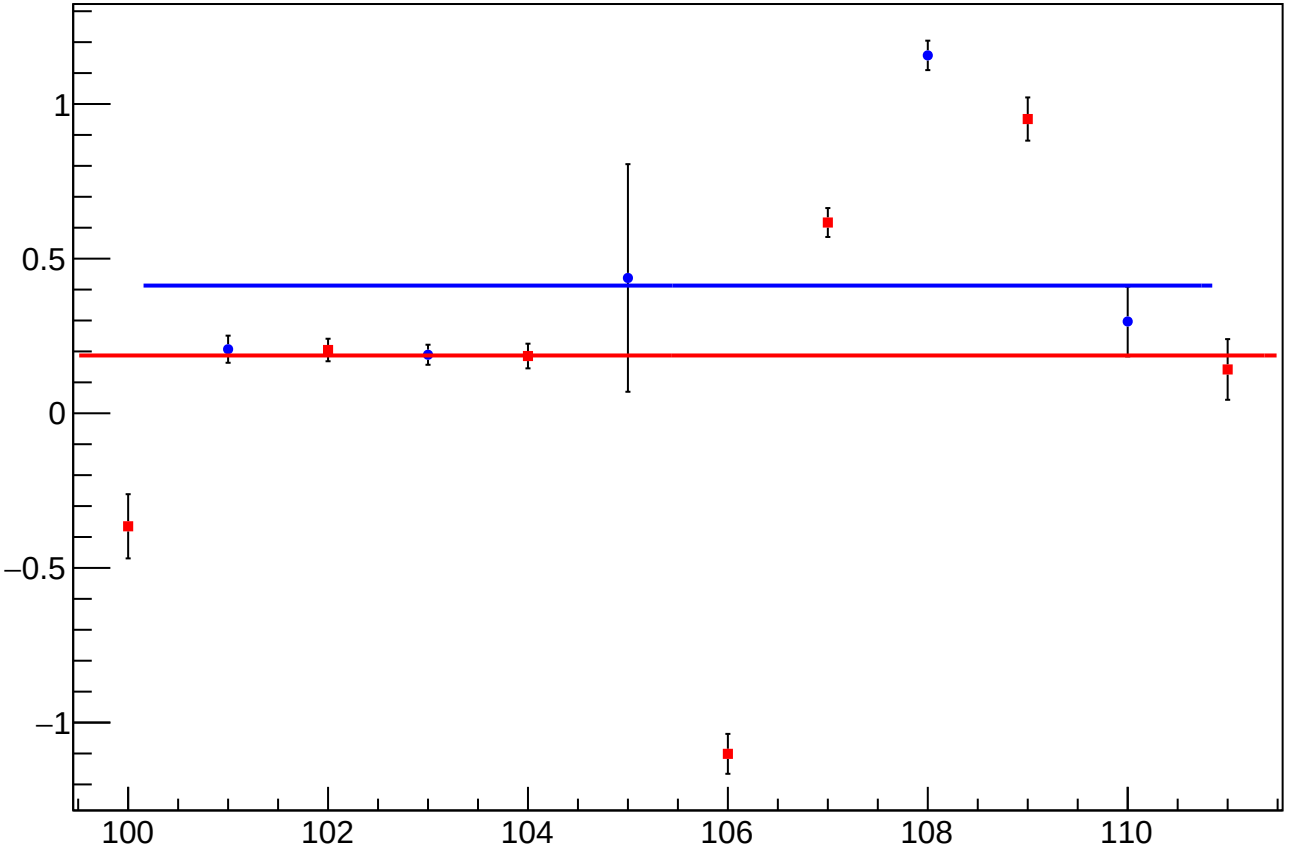
Right Out: -8.236+/-0.552 χ^2/NDF: 2026.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-11.089+/-0.575 χ^2/NDF: 1350.2/4

-8.236+/-0.552 χ^2/NDF: 2026.0/6

reg_asym_sam1_diff_bpm12X_slope vs slug



Right In: 0.413+/-0.022 χ^2/NDF: 315.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

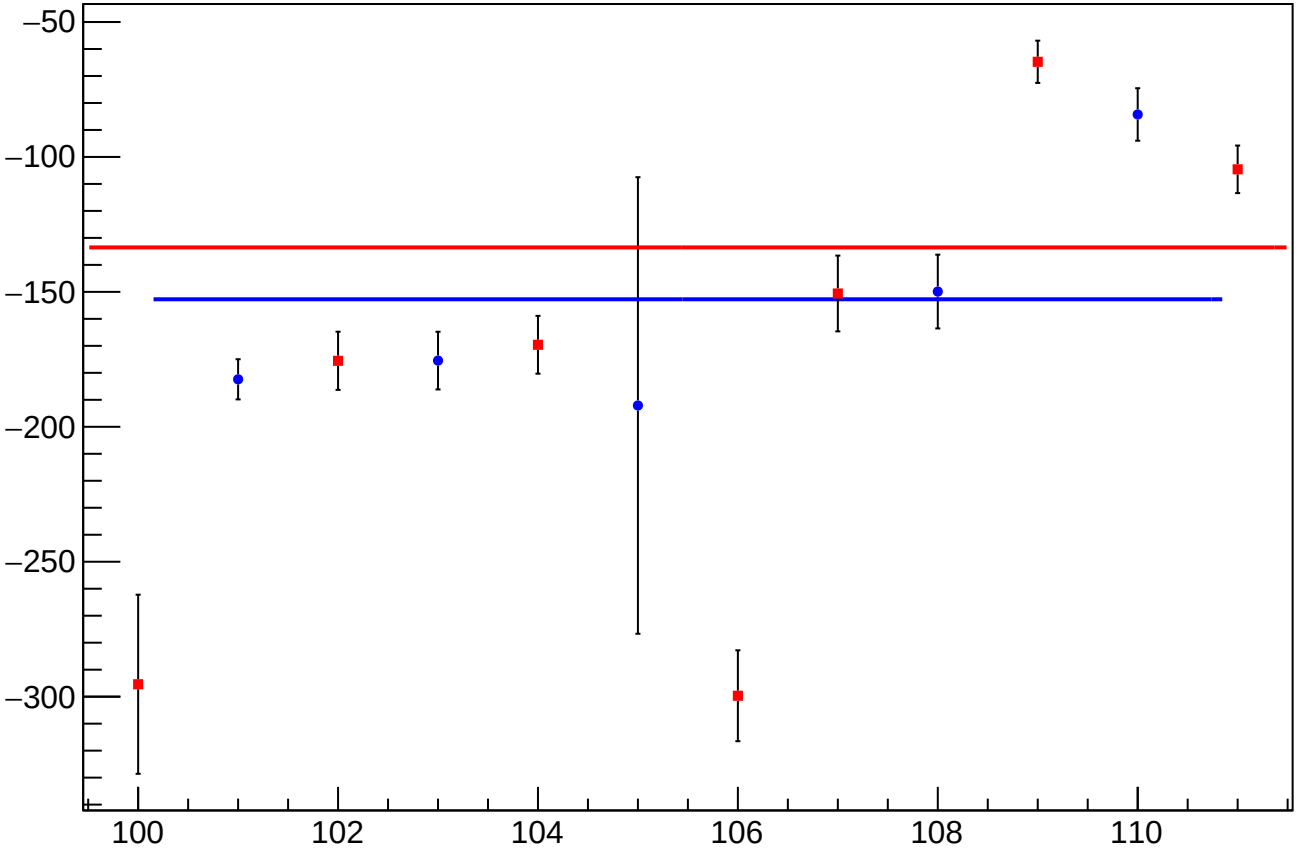
Right Out: 0.187+/-0.020 χ^2/NDF: 631.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.413+/-0.022 χ^2/NDF: 315.4/4

0.187+/-0.020 χ^2/NDF: 631.5/6

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: -152.744+/-4.831 χ^2/NDF: 70.2/4

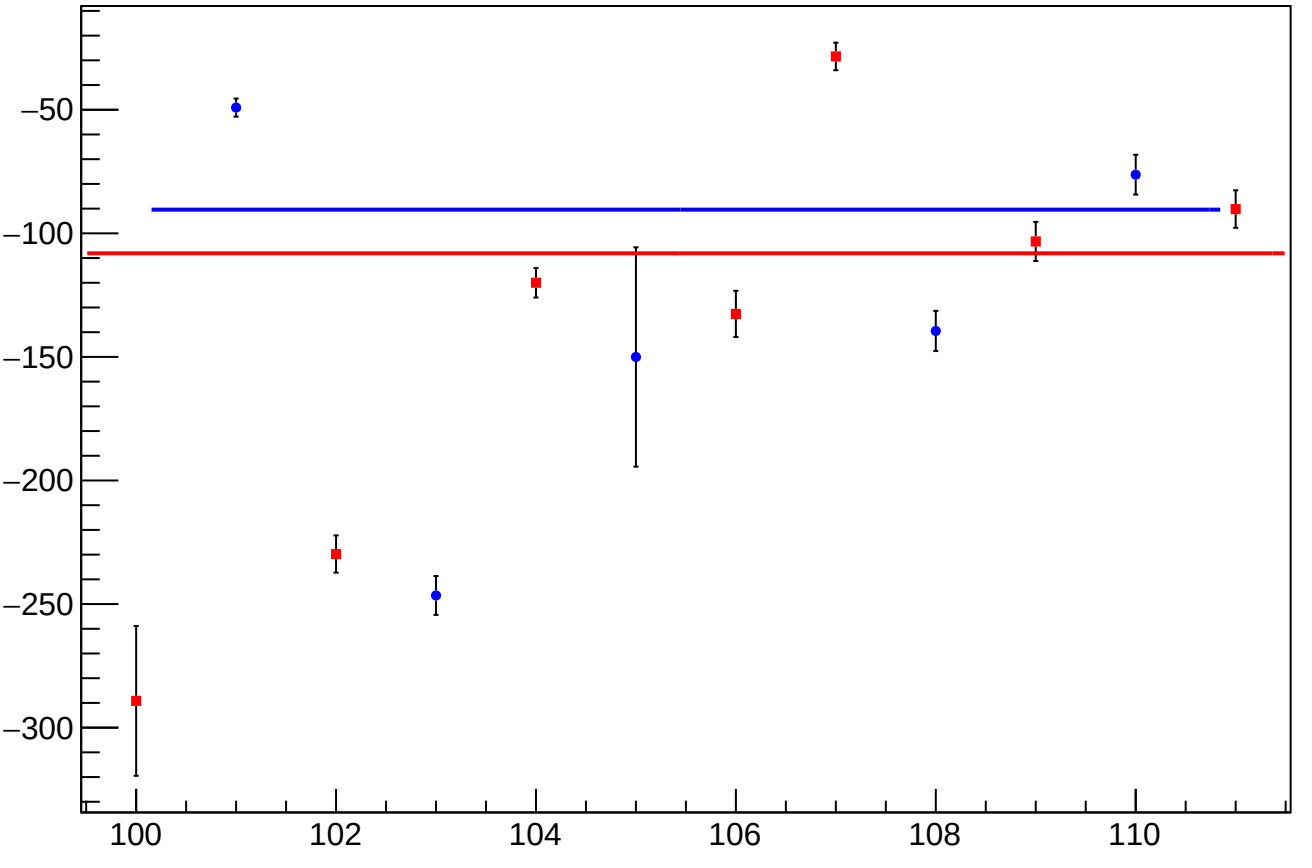
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -133.525+/-4.224 χ^2/NDF: 237.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-152.744+/-4.831 χ^2/NDF: 70.2/4

-133.525+/-4.224 χ^2/NDF: 237.2/6



Right In: -90.414+/-2.864 χ^2/NDF: 563.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

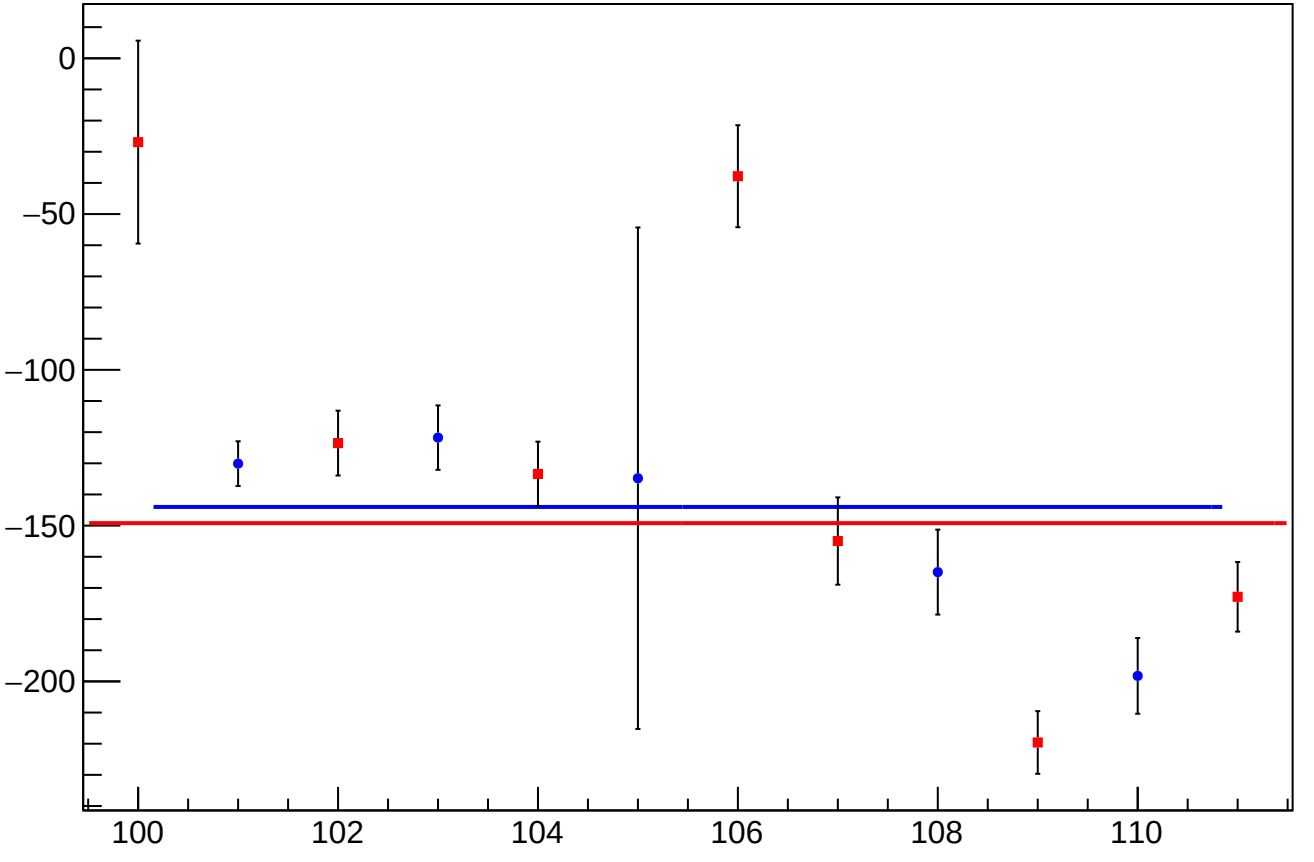
Right Out: -108.079+/-2.844 χ^2/NDF: 517.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-90.414+/-2.864 χ^2/NDF: 563.0/4

-108.079+/-2.844 χ^2/NDF: 517.6/6

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -144.004+/-4.933 χ^2/NDF: 30.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

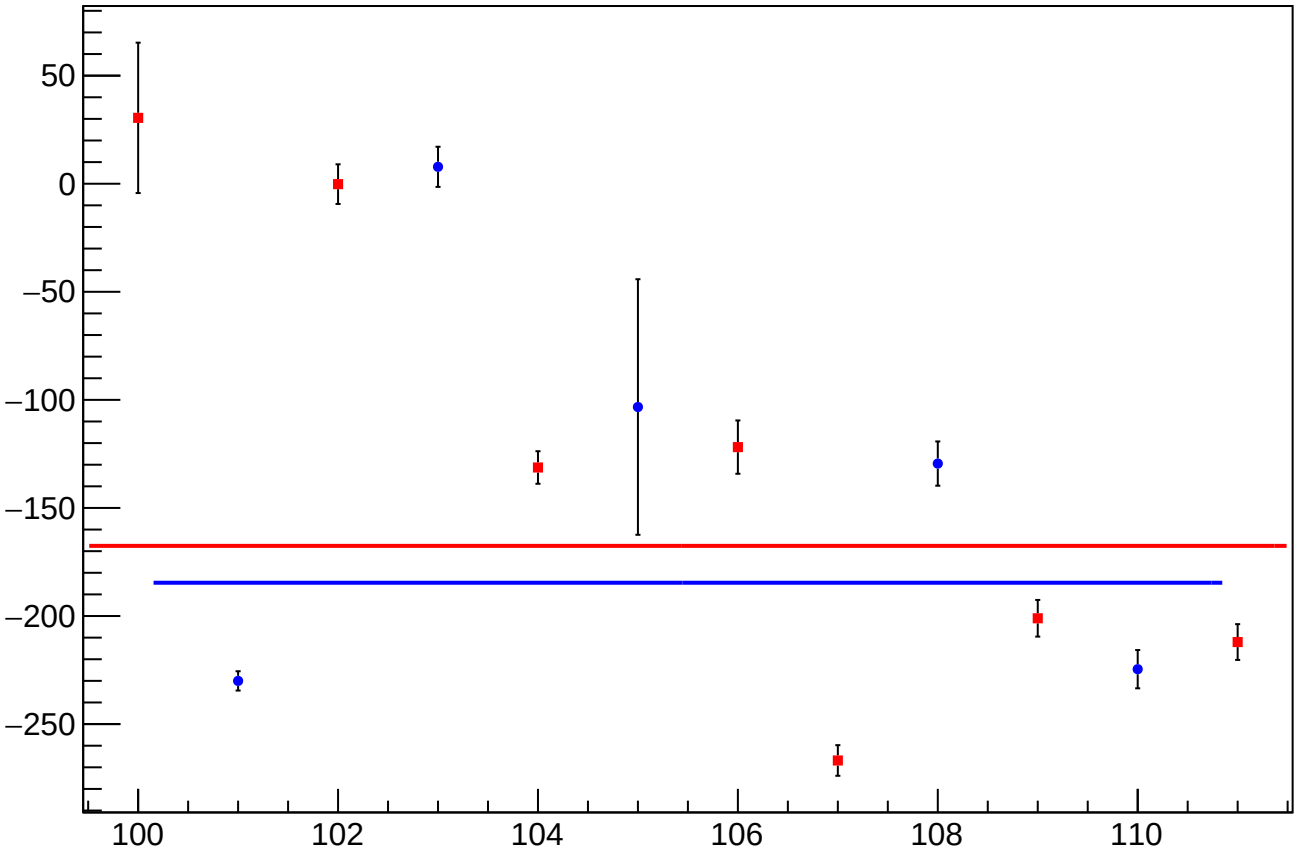
Right Out: -149.200+/-4.652 χ^2/NDF: 122.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-144.004+/-4.933 χ^2/NDF: 30.7/4

-149.200+/-4.652 χ^2/NDF: 122.5/6

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: -184.602+/-3.446 χ^2/NDF: 584.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

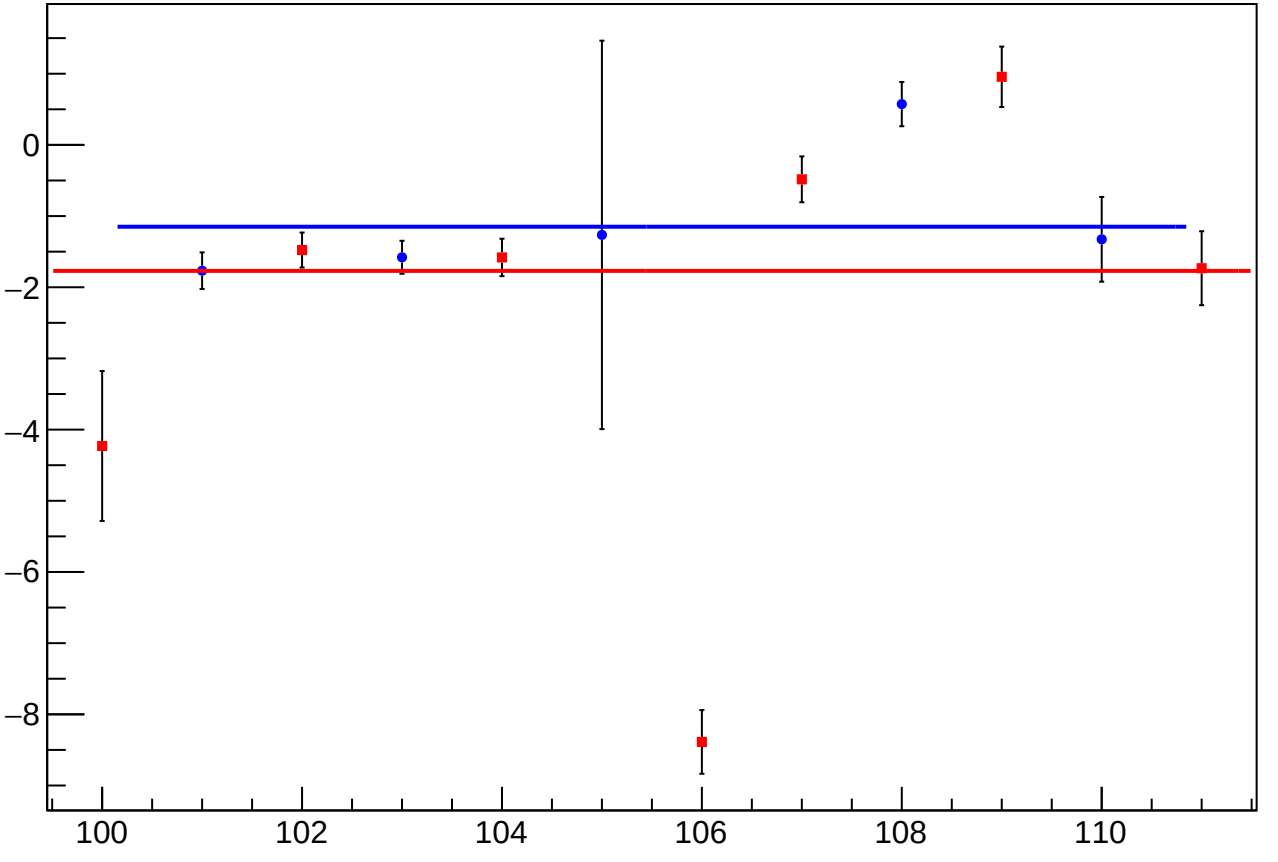
Right Out: -167.545+/-3.423 χ^2/NDF: 642.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-184.602+/-3.446 χ^2/NDF: 584.2/4

-167.545+/-3.423 χ^2/NDF: 642.9/6

reg_asym_sam2_diff_bpm12X_slope vs slug



Right In: -1.150+/-0.146 χ^2/NDF: 40.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

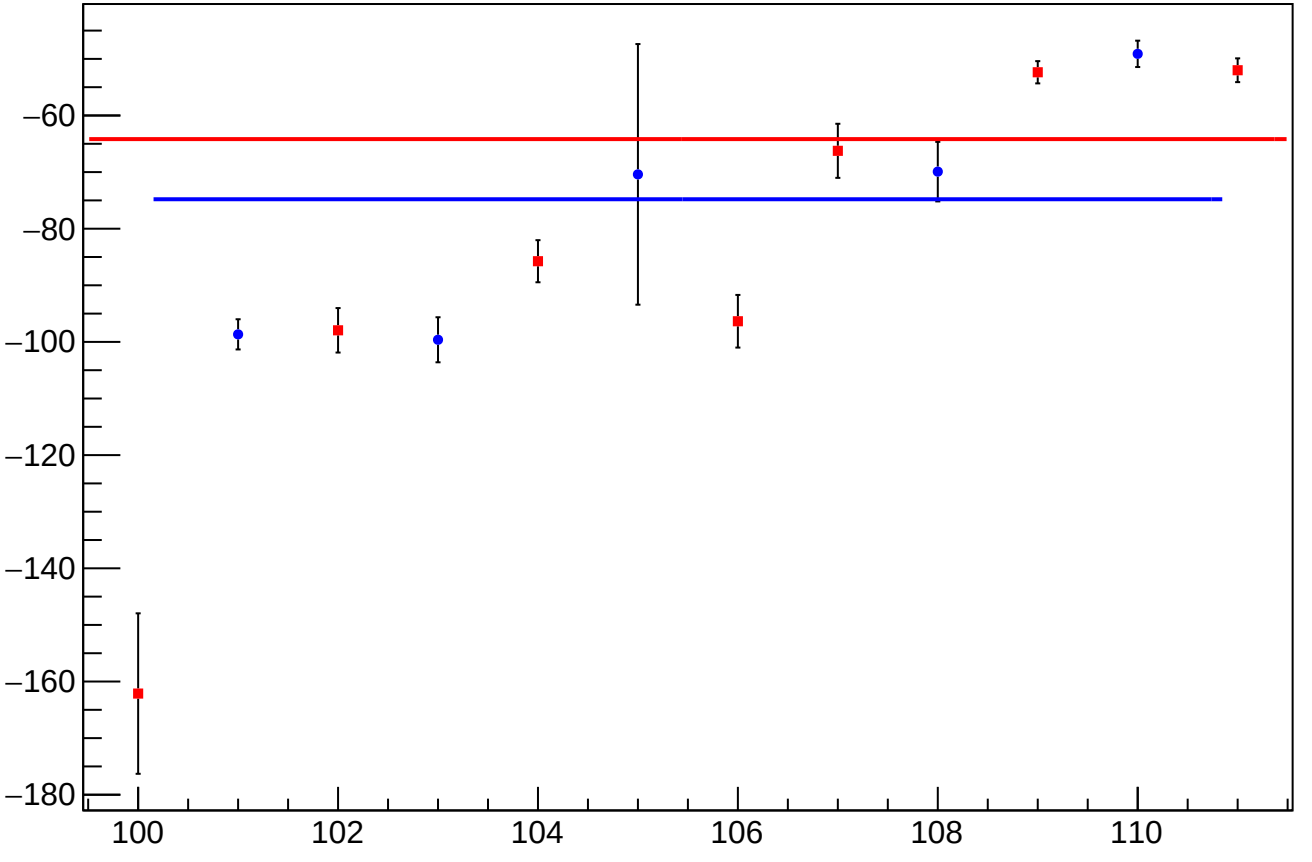
Right Out: -1.770+/-0.134 χ^2/NDF: 283.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.150+/-0.146 χ^2/NDF: 40.0/4

-1.770+/-0.134 χ^2/NDF: 283.2/6

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: -74.798+/-1.532 χ^2/NDF: 241.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

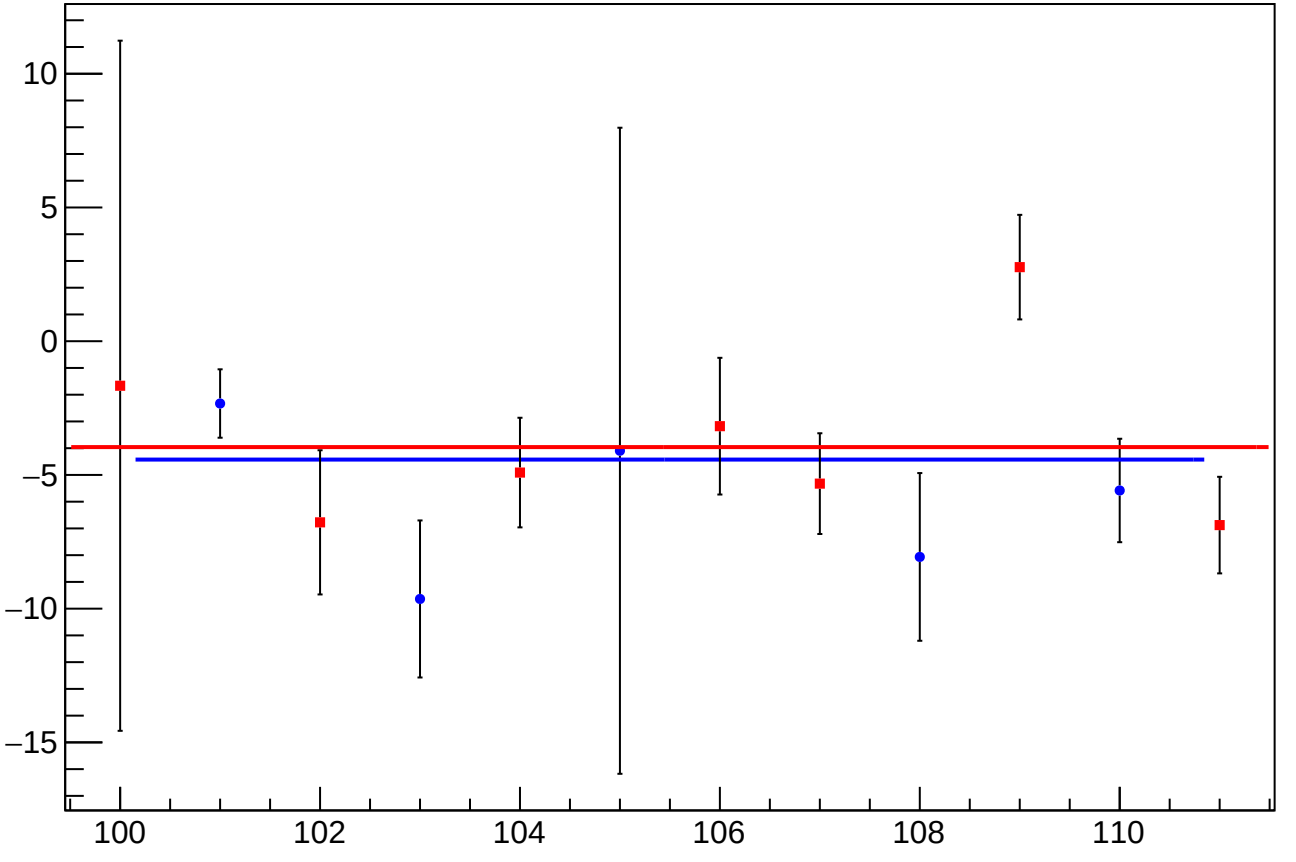
Right Out: -64.171+/-1.180 χ^2/NDF: 273.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-74.798+/-1.532 χ^2/NDF: 241.6/4

-64.171+/-1.180 χ^2/NDF: 273.0/6

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -4.426+/-0.952 χ^2/NDF: 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

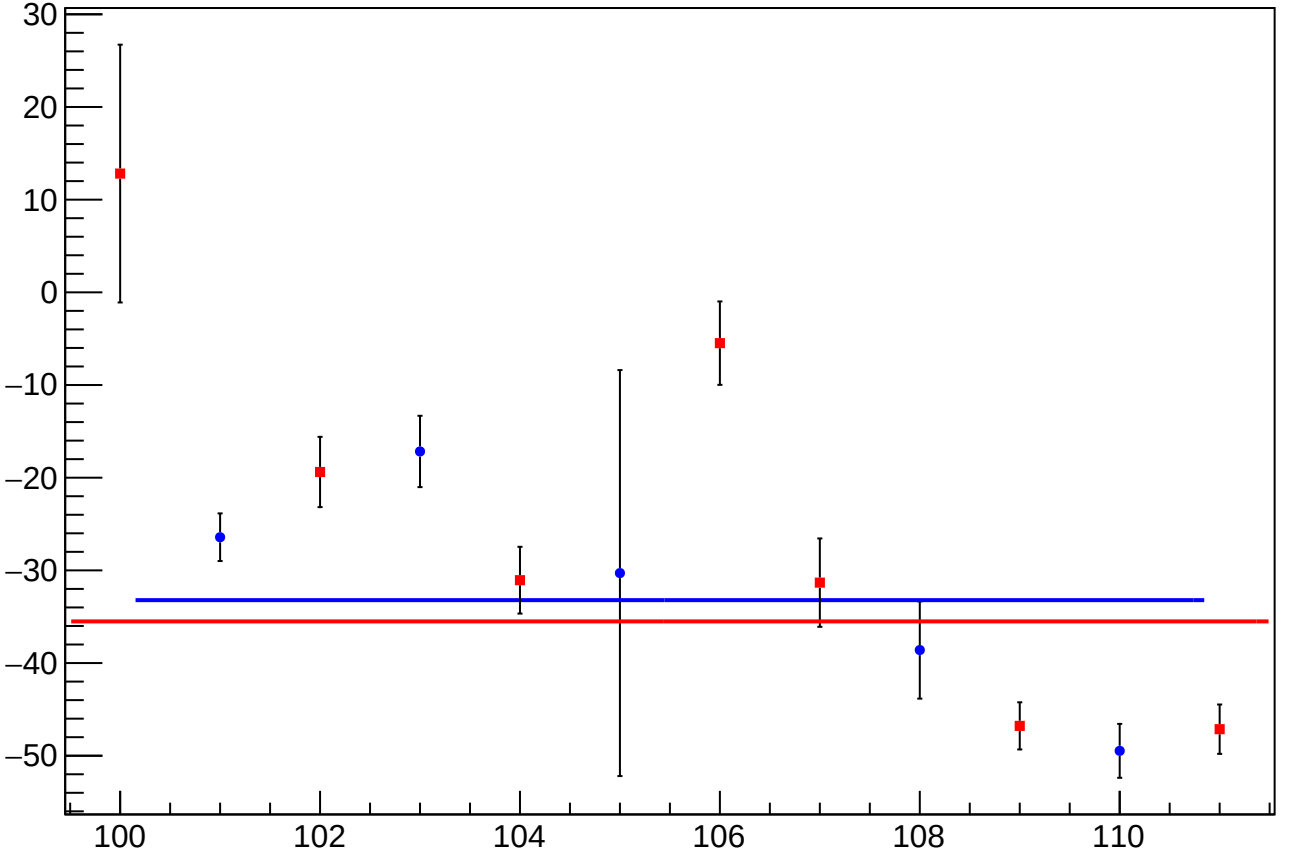
Right Out: -3.959+/-0.850 χ^2/NDF: 16.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4.426+/-0.952 χ^2/NDF: 7.5/4

-3.959+/-0.850 χ^2/NDF: 16.4/6

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -33.212+/-1.632 χ^2/NDF: 56.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

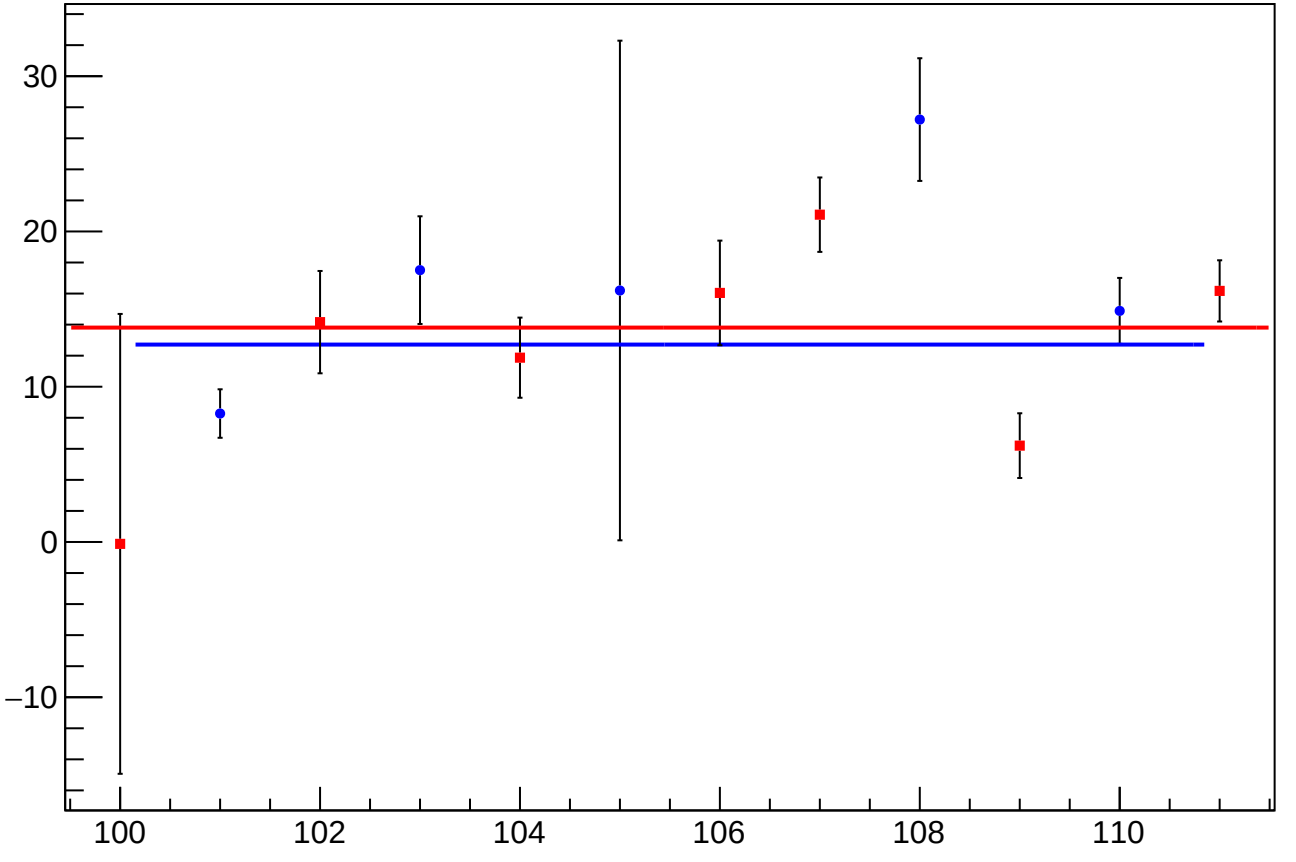
Right Out: -35.505+/-1.360 χ^2/NDF: 115.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-33.212+/-1.632 χ^2/NDF: 56.7/4

-35.505+/-1.360 χ^2/NDF: 115.6/6

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 12.714+/-1.130 χ^2/NDF: 24.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

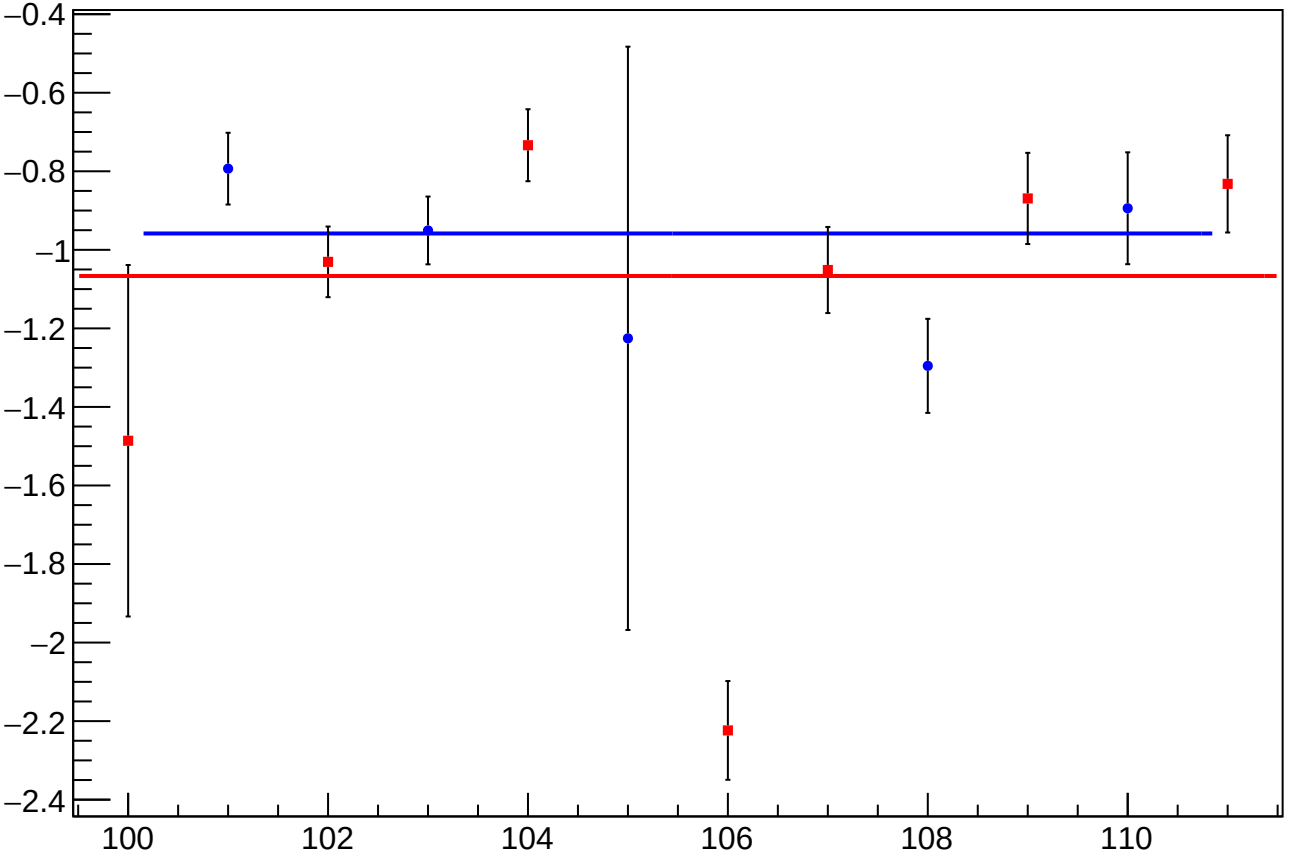
Right Out: 13.808+/-1.002 χ^2/NDF: 25.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12.714+/-1.130 χ^2/NDF: 24.5/4

13.808+/-1.002 χ^2/NDF: 25.8/6

reg_asym_sam3_diff_bpm12X_slope vs slug



Right In: -0.958+/-0.052 χ^2/NDF: 11.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

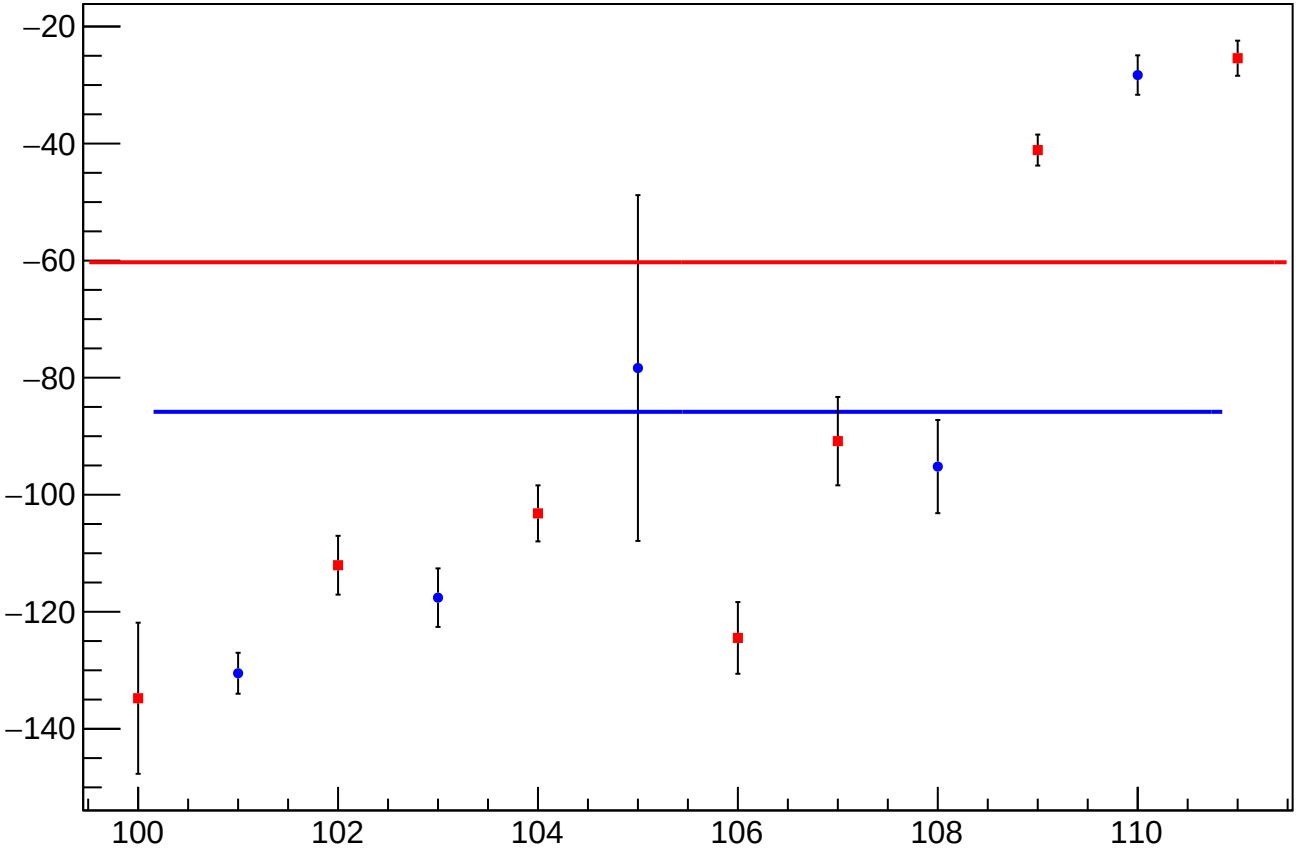
Right Out: -1.067+/-0.043 χ^2/NDF: 105.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.958+/-0.052 χ^2/NDF: 11.5/4

-1.067+/-0.043 χ^2/NDF: 105.4/6

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: -85.833+/-2.100 χ^2/NDF: 496.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

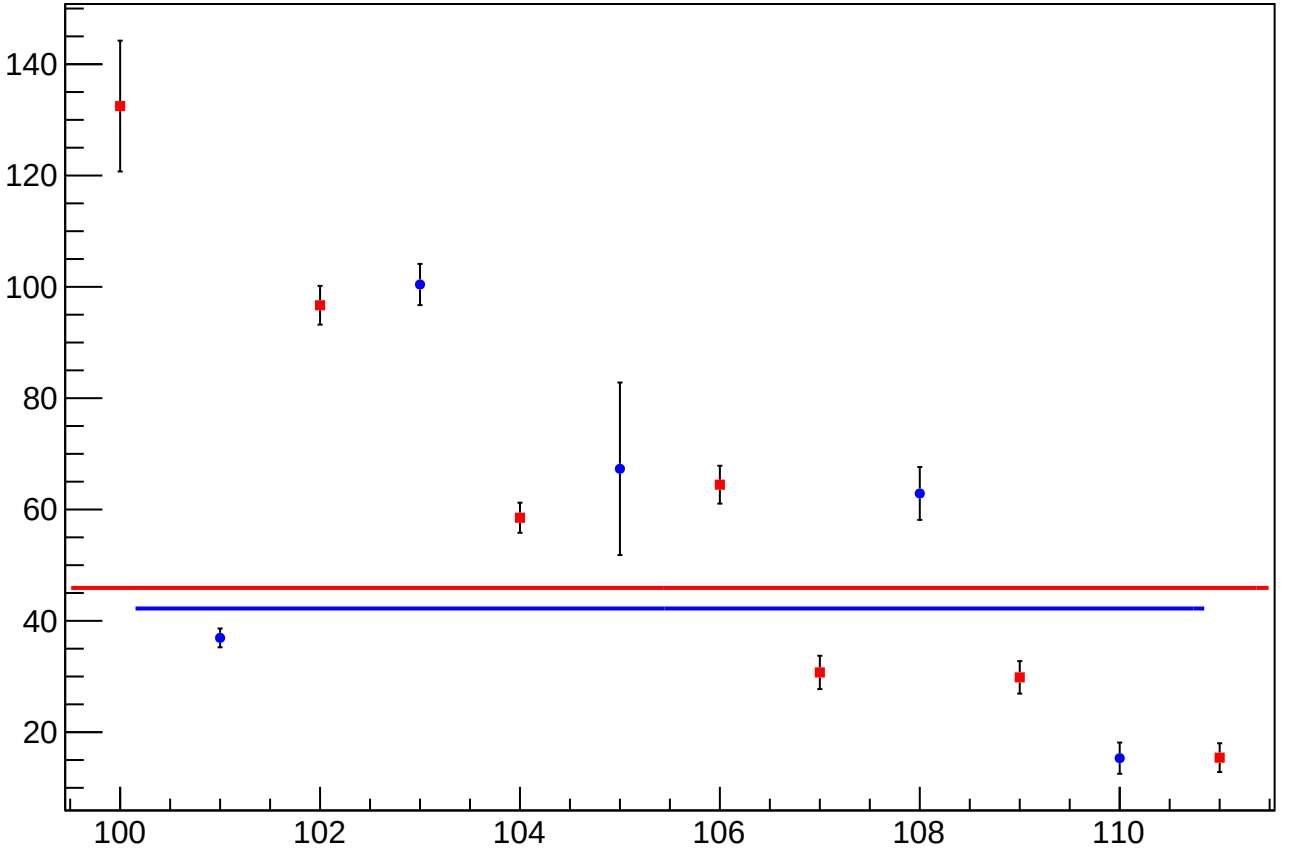
Right Out: -60.280+/-1.607 χ^2/NDF: 533.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-85.833+/-2.100 χ^2/NDF: 496.3/4

-60.280+/-1.607 χ^2/NDF: 533.4/6

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 42.218+/-1.293 χ^2/NDF: 369.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

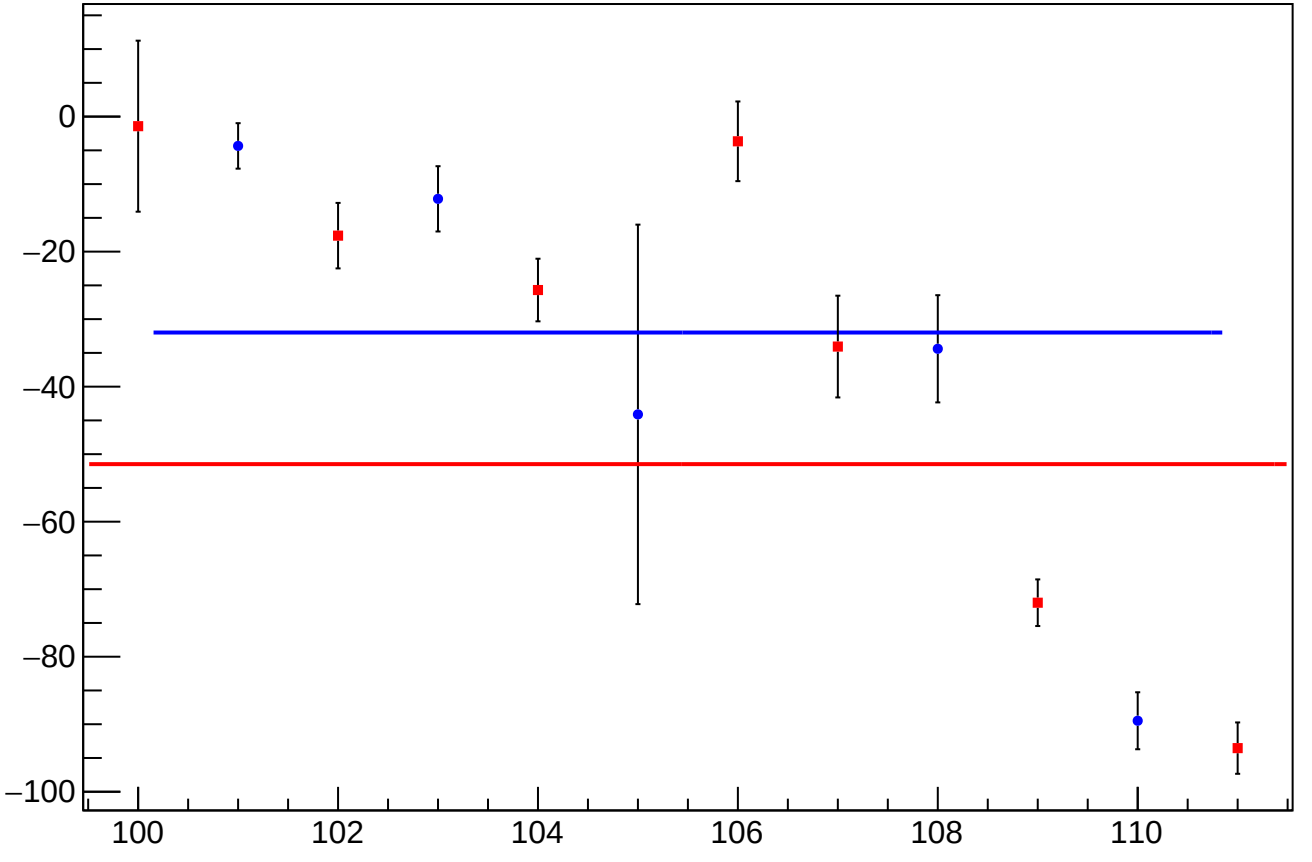
Right Out: 45.917+/-1.203 χ^2/NDF: 513.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

42.218+/-1.293 χ^2/NDF: 369.9/4

45.917+/-1.203 χ^2/NDF: 513.3/6

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -31.983+/-2.213 χ^2/NDF: 270.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

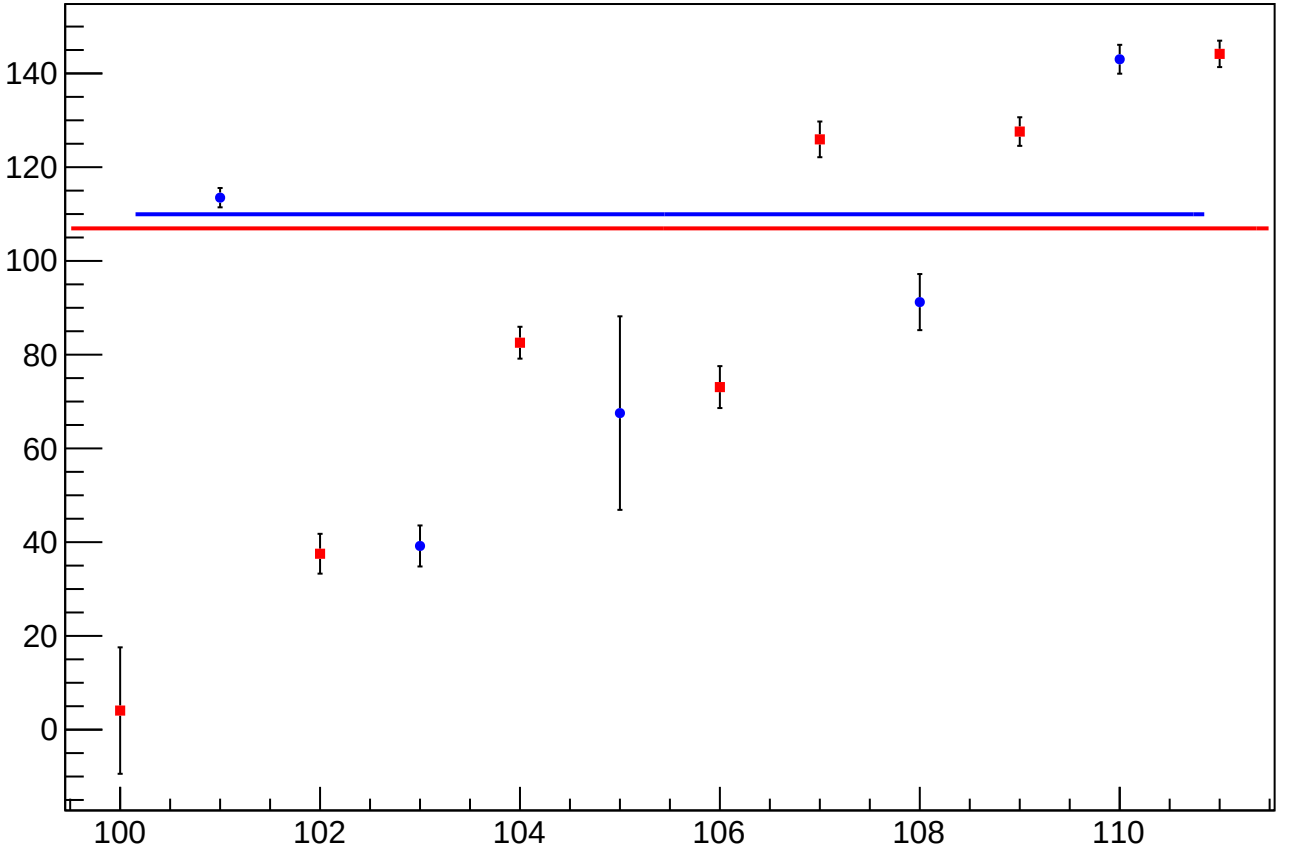
Right Out: -51.476+/-1.842 χ^2/NDF: 323.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-31.983+/-2.213 χ^2/NDF: 270.1/4

-51.476+/-1.842 χ^2/NDF: 323.9/6

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 109.955+/-1.538 χ^2/NDF: 393.9/4

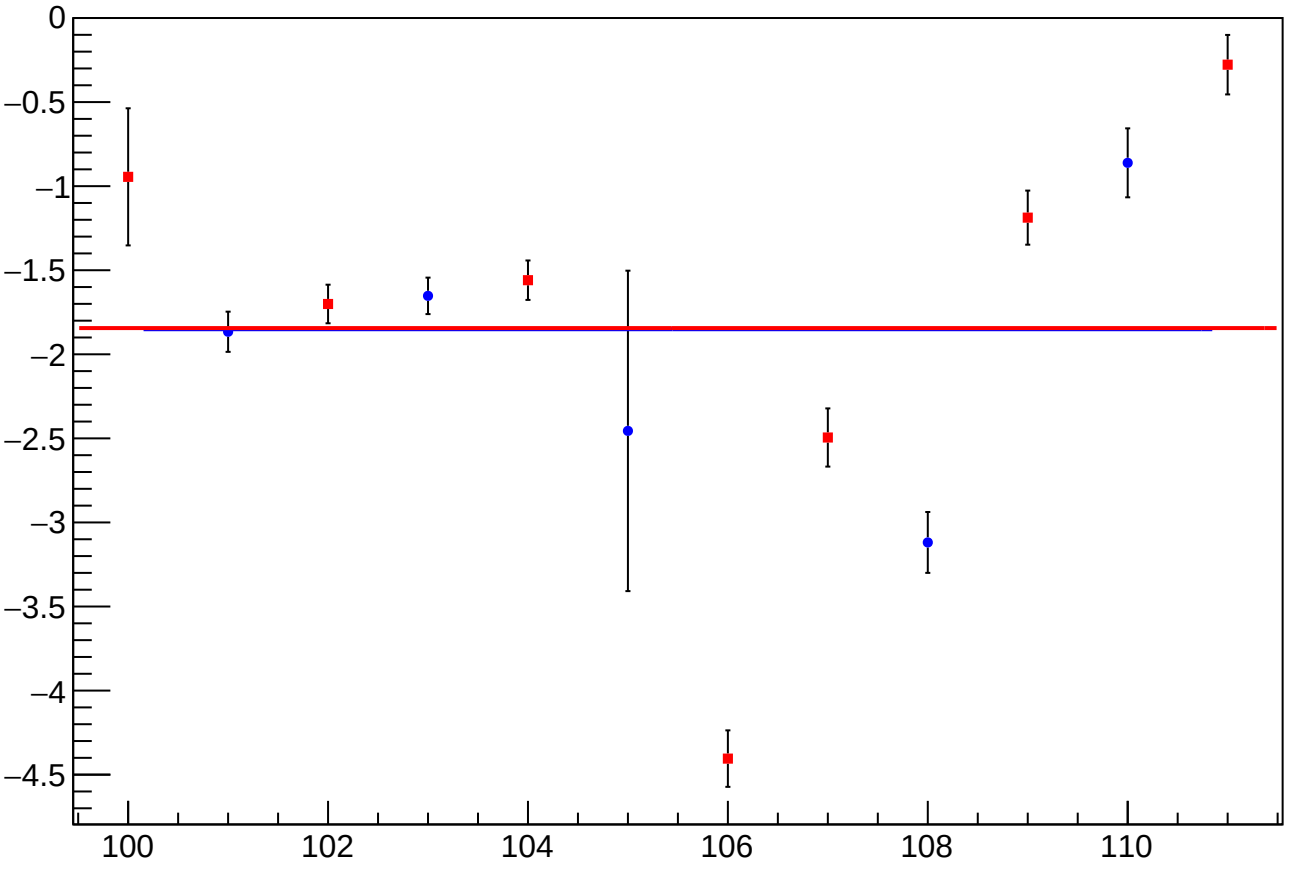
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 106.944+/-1.415 χ^2/NDF: 679.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

109.955+/-1.538 χ^2/NDF: 393.9/4

106.944+/-1.415 χ^2/NDF: 679.3/6



Right In: -1.851+/-0.069 χ^2/NDF: 76.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

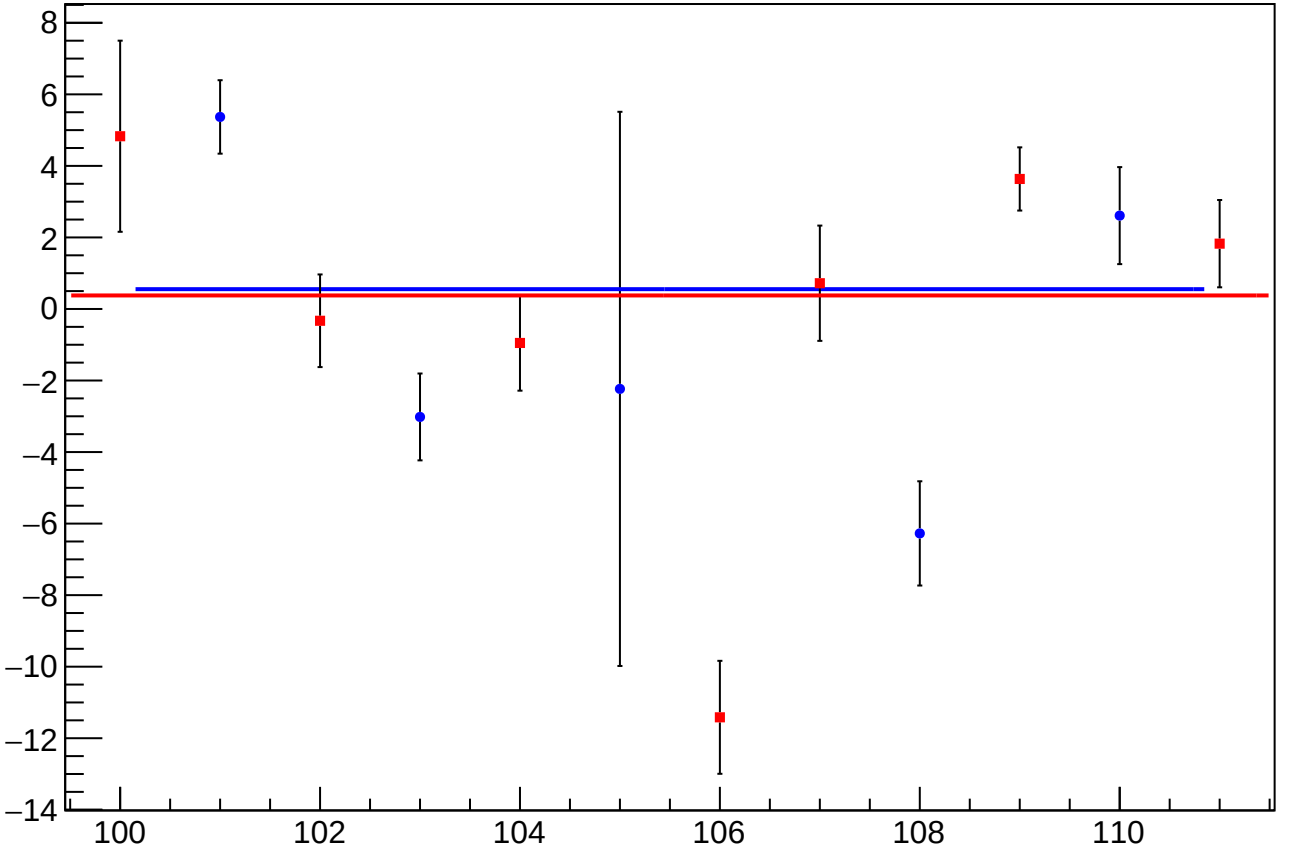
Right Out: -1.844+/-0.058 χ^2/NDF: 353.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.851+/-0.069 χ^2/NDF: 76.1/4

-1.844+/-0.058 χ^2/NDF: 353.8/6

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 0.554+/-0.613 χ^2/NDF: 55.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

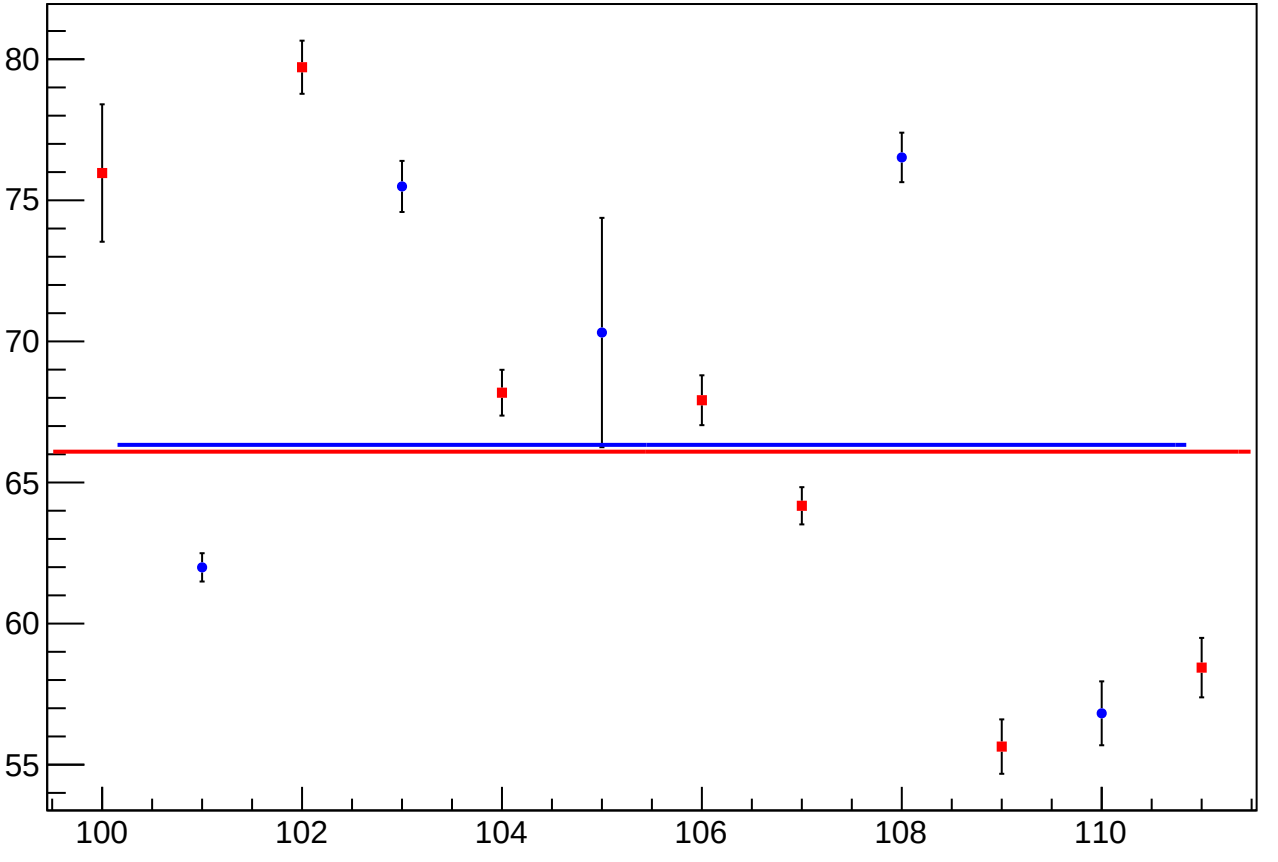
Right Out: 0.378+/-0.498 χ^2/NDF: 74.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.554+/-0.613 χ^2/NDF: 55.0/4

0.378+/-0.498 χ^2/NDF: 74.9/6

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 66.334+/-0.369 χ^2/NDF: 383.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

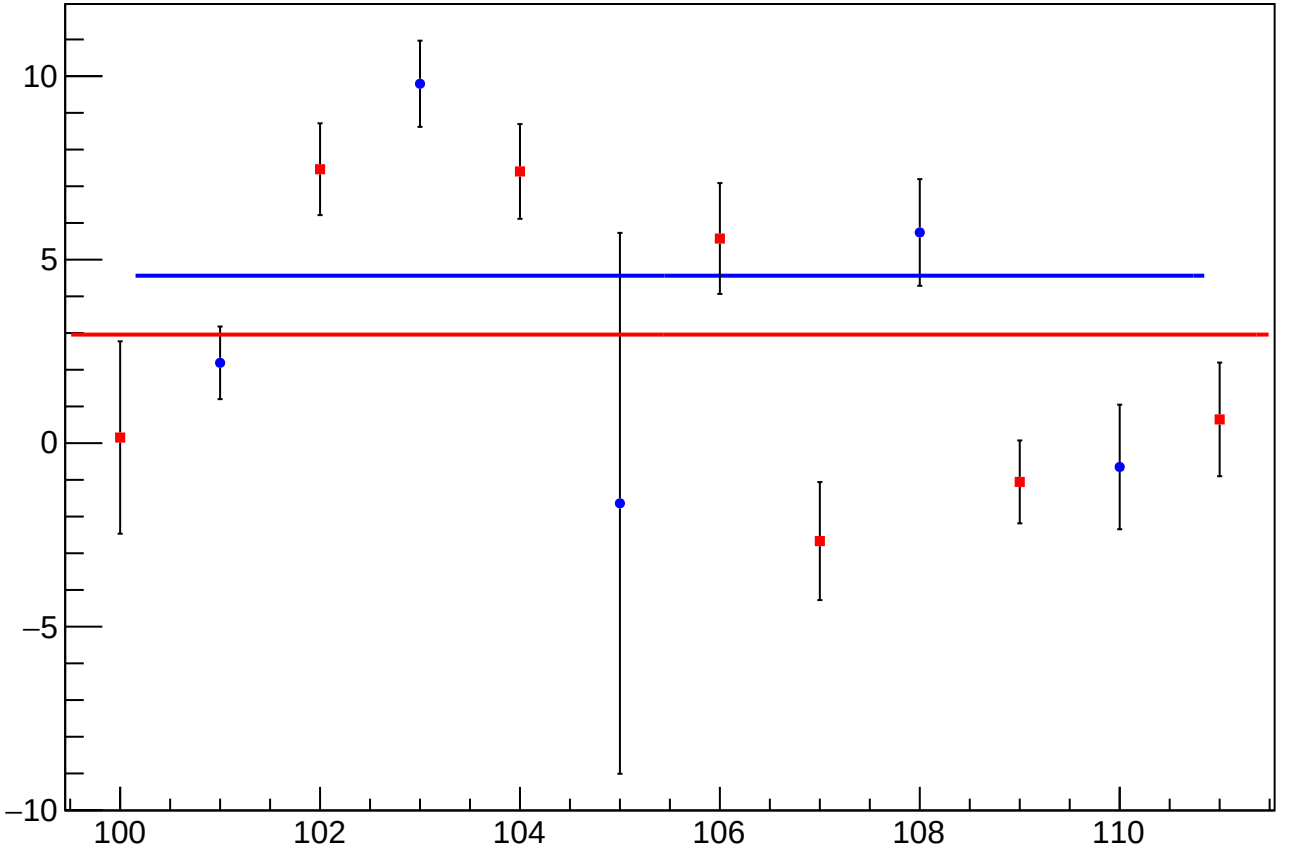
Right Out: 66.093+/-0.346 χ^2/NDF: 415.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

66.334+/-0.369 χ^2/NDF: 383.7/4

66.093+/-0.346 χ^2/NDF: 415.4/6

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: 4.563+/-0.622 χ^2/NDF: 36.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

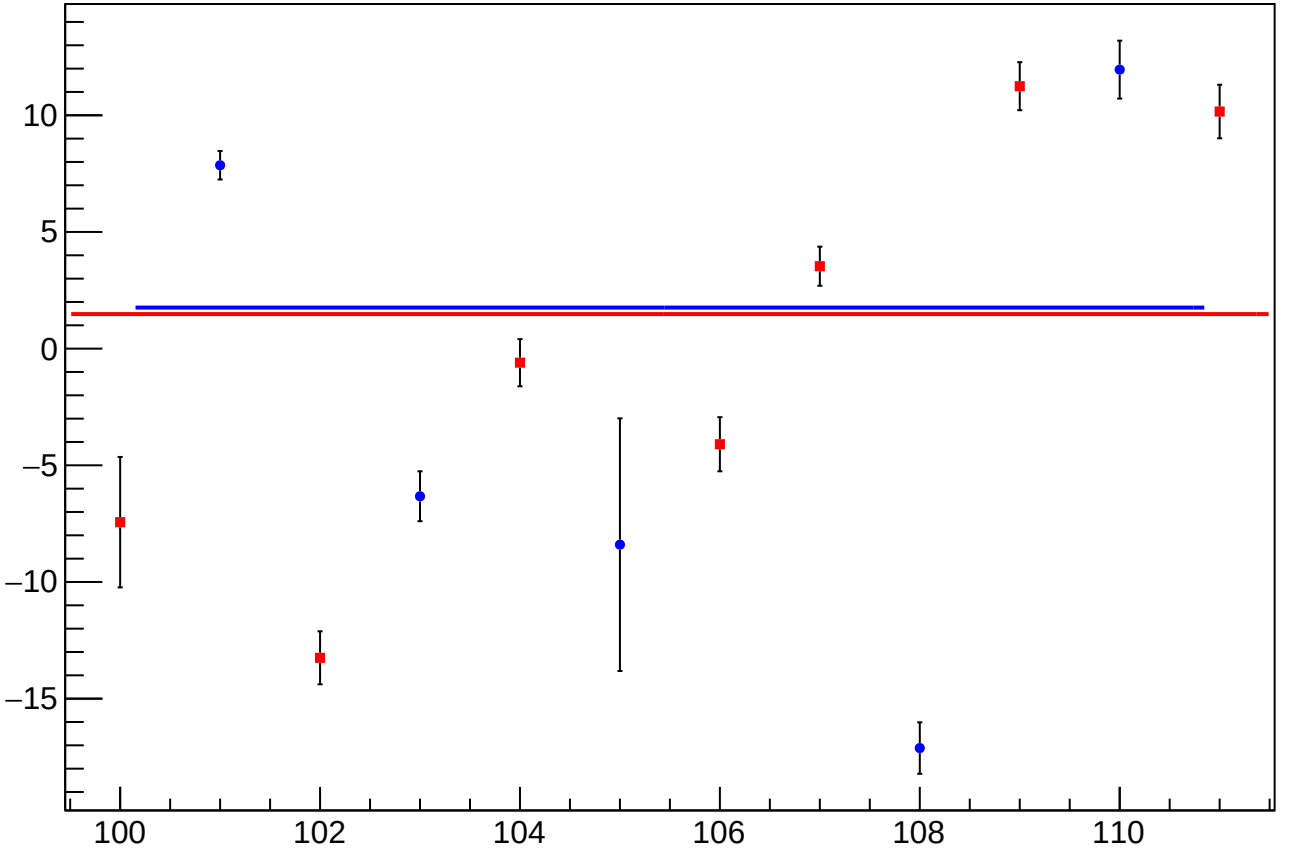
Right Out: 2.958+/-0.541 χ^2/NDF: 56.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4.563+/-0.622 χ^2/NDF: 36.4/4

2.958+/-0.541 χ^2/NDF: 56.1/6

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: 1.759+/-0.445 χ^2/NDF: 520.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

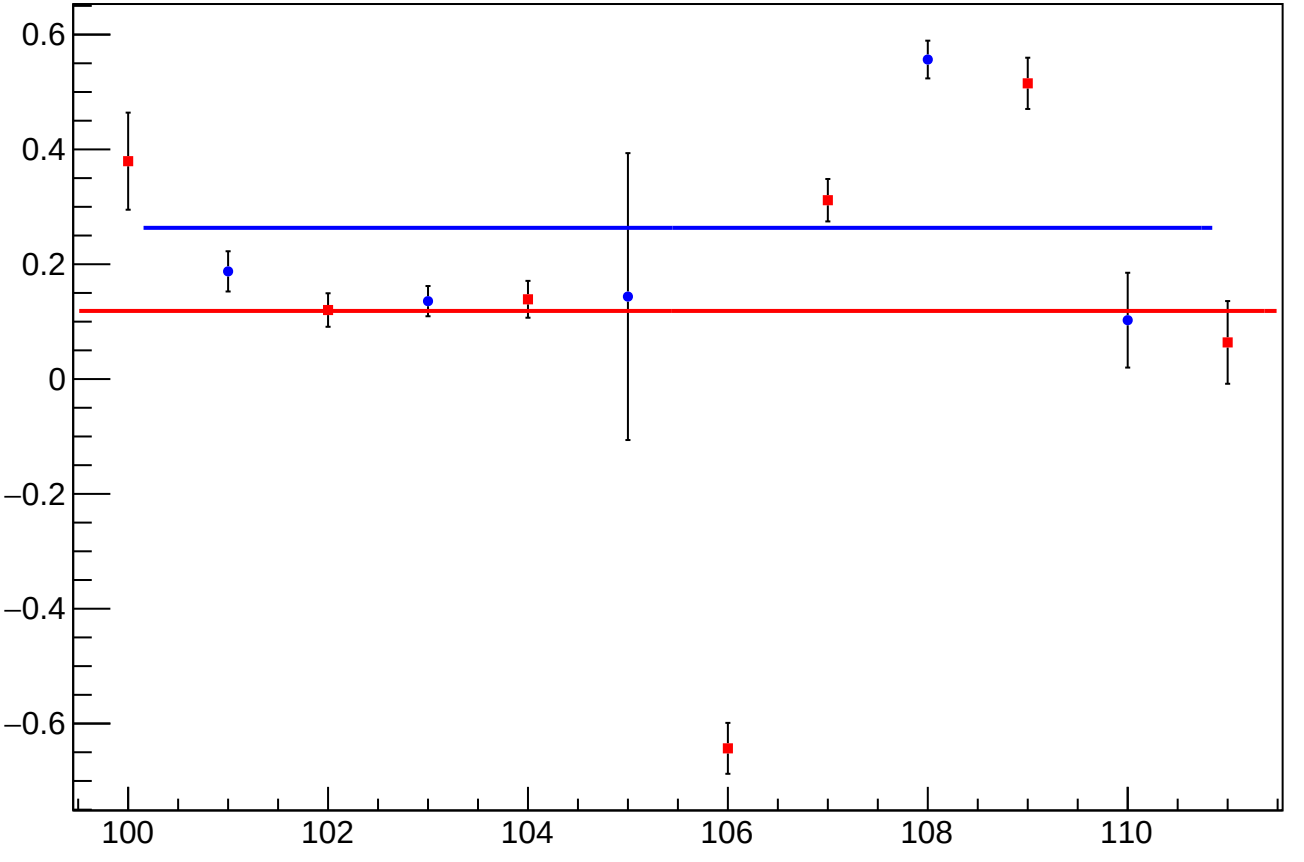
Right Out: 1.481+/-0.417 χ^2/NDF: 359.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.759+/-0.445 χ^2/NDF: 520.5/4

1.481+/-0.417 χ^2/NDF: 359.2/6

reg_asym_sam5_diff_bpm12X_slope vs slug



Right In: 0.263+/-0.017 χ^2/NDF: 111.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

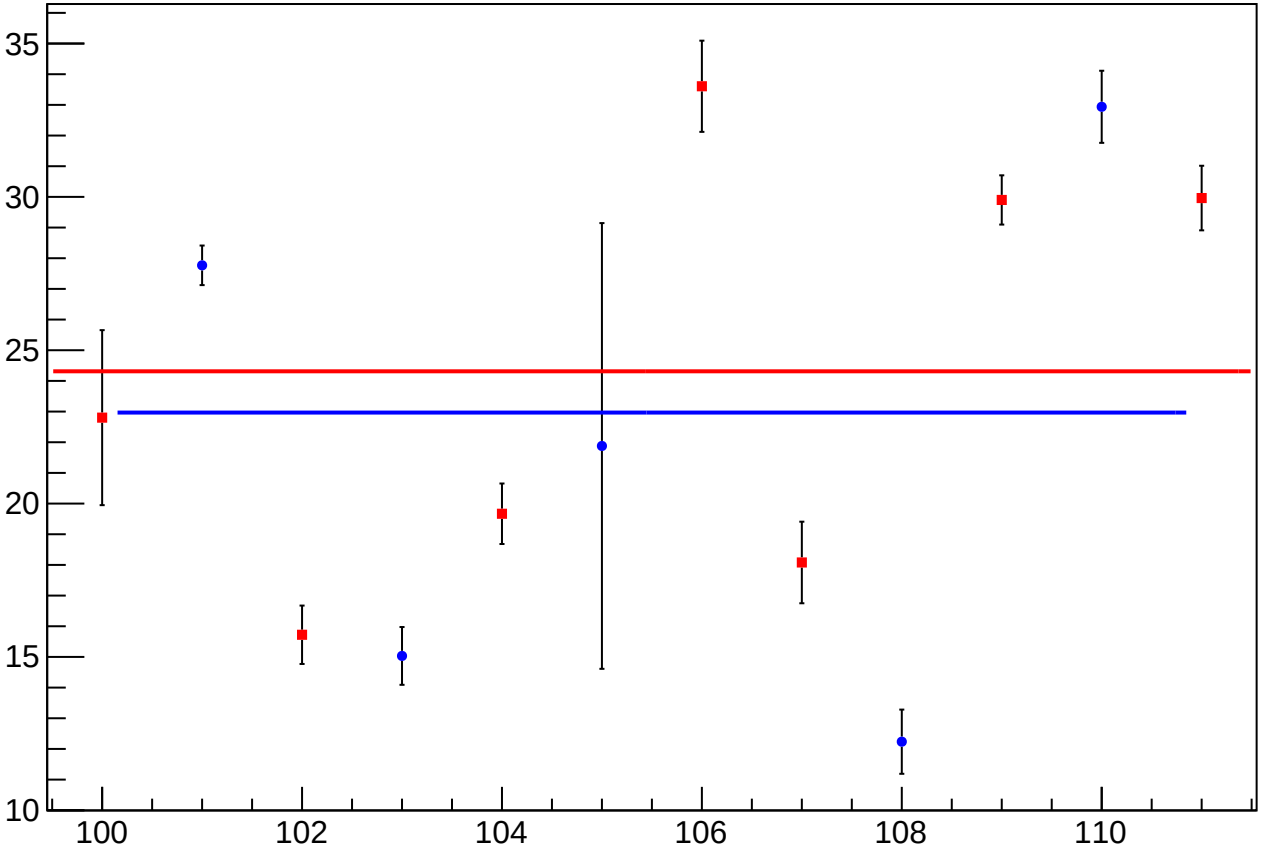
Right Out: 0.119+/-0.015 χ^2/NDF: 411.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.263+/-0.017 χ^2/NDF: 111.8/4

0.119+/-0.015 χ^2/NDF: 411.9/6

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: 22.968+/-0.439 χ^2/NDF: 303.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

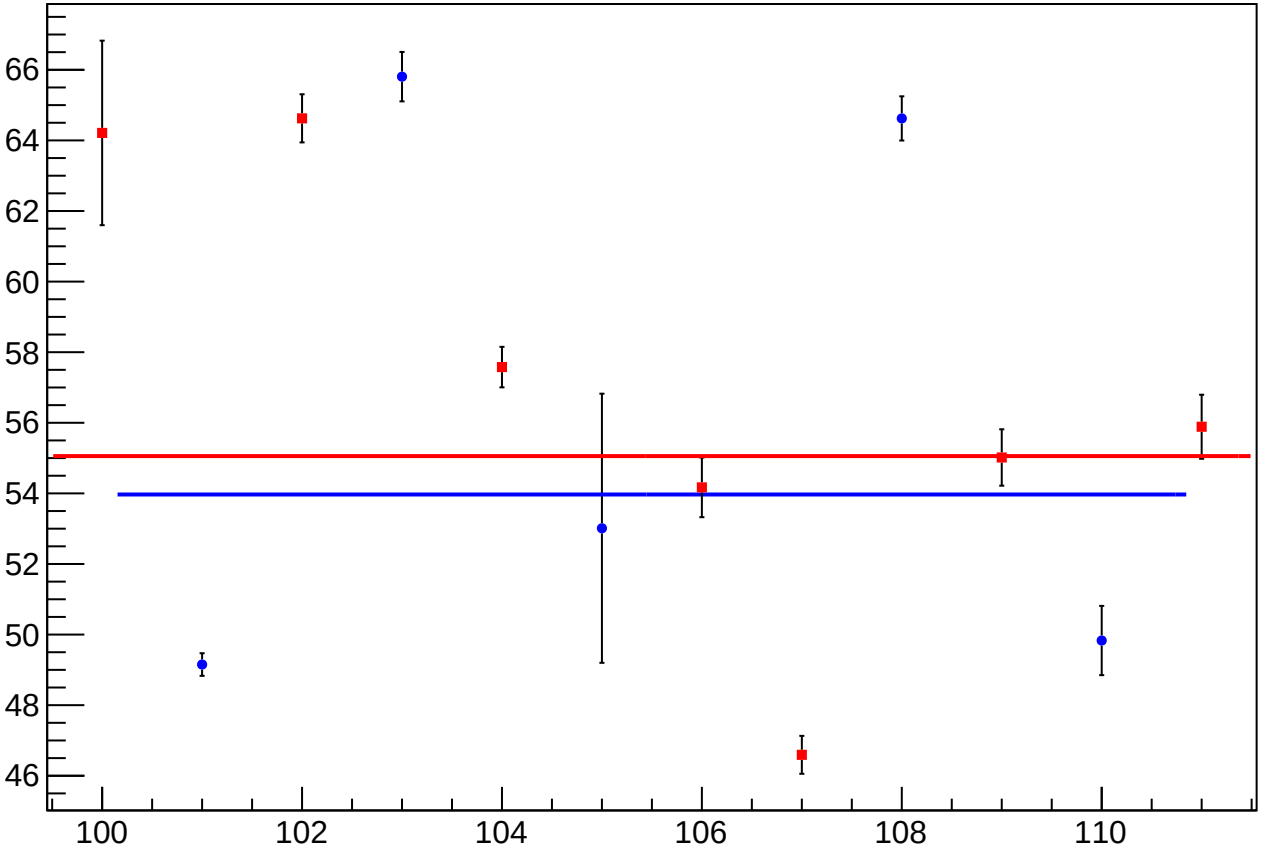
Right Out: 24.313+/-0.418 χ^2/NDF: 242.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

22.968+/-0.439 χ^2/NDF: 303.4/4

24.313+/-0.418 χ^2/NDF: 242.1/6

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 53.969+/-0.254 χ^2/NDF: 819.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

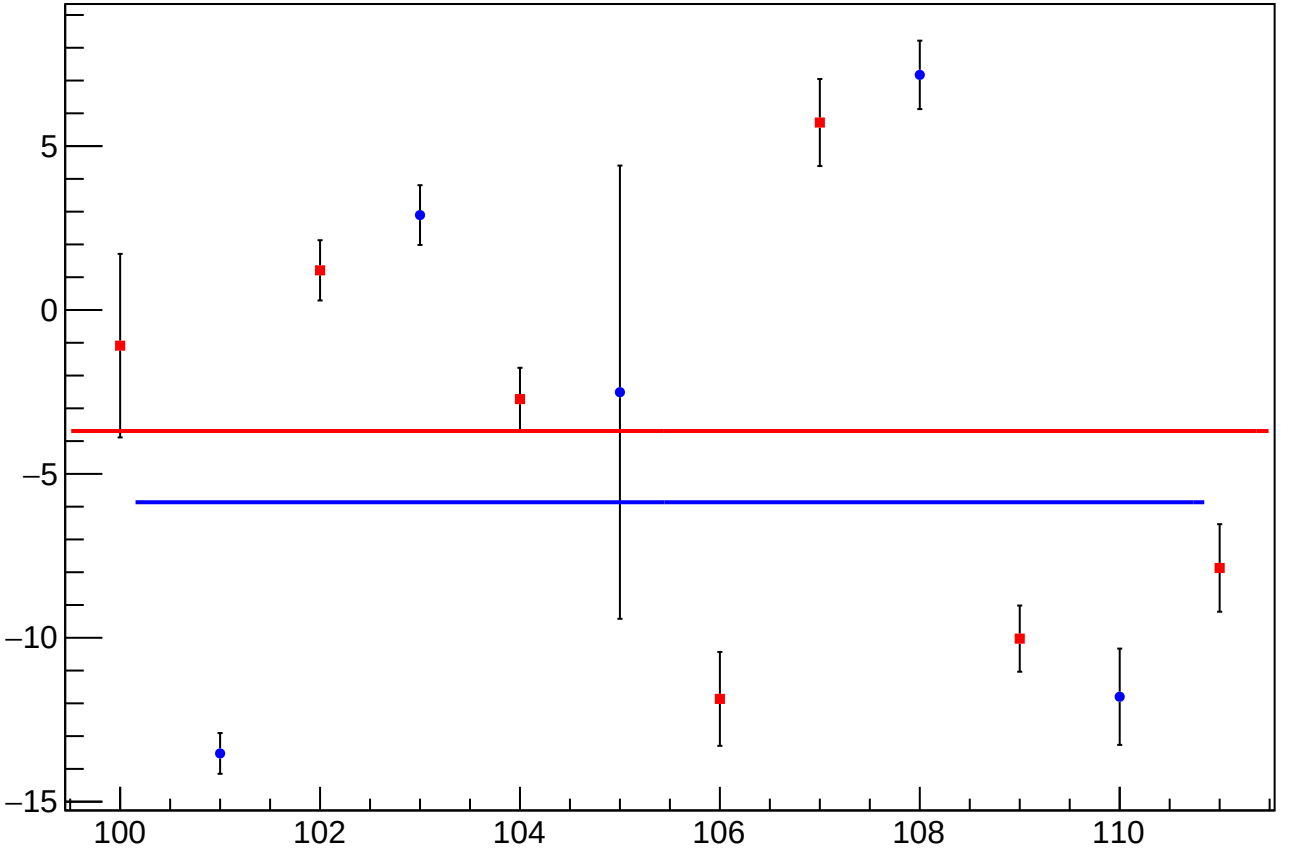
Right Out: 55.057+/-0.278 χ^2/NDF: 478.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

53.969+/-0.254 χ^2/NDF: 819.4/4

55.057+/-0.278 χ^2/NDF: 478.5/6

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: -5.865+/-0.439 χ^2/NDF: 417.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

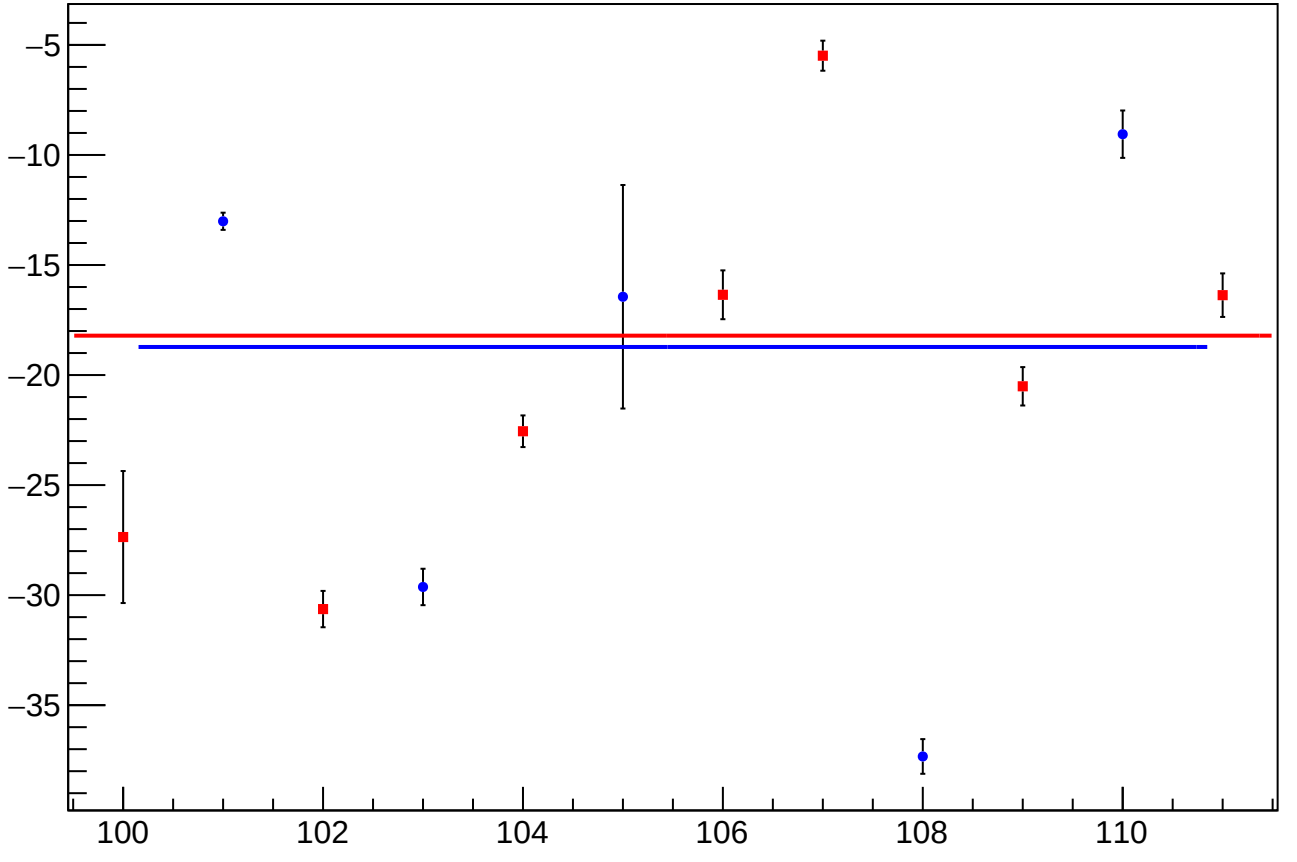
Right Out: -3.691+/-0.447 χ^2/NDF: 162.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-5.865+/-0.439 χ^2/NDF: 417.0/4

-3.691+/-0.447 χ^2/NDF: 162.3/6

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: -18.724+/-0.308 χ^2/NDF: 1026.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

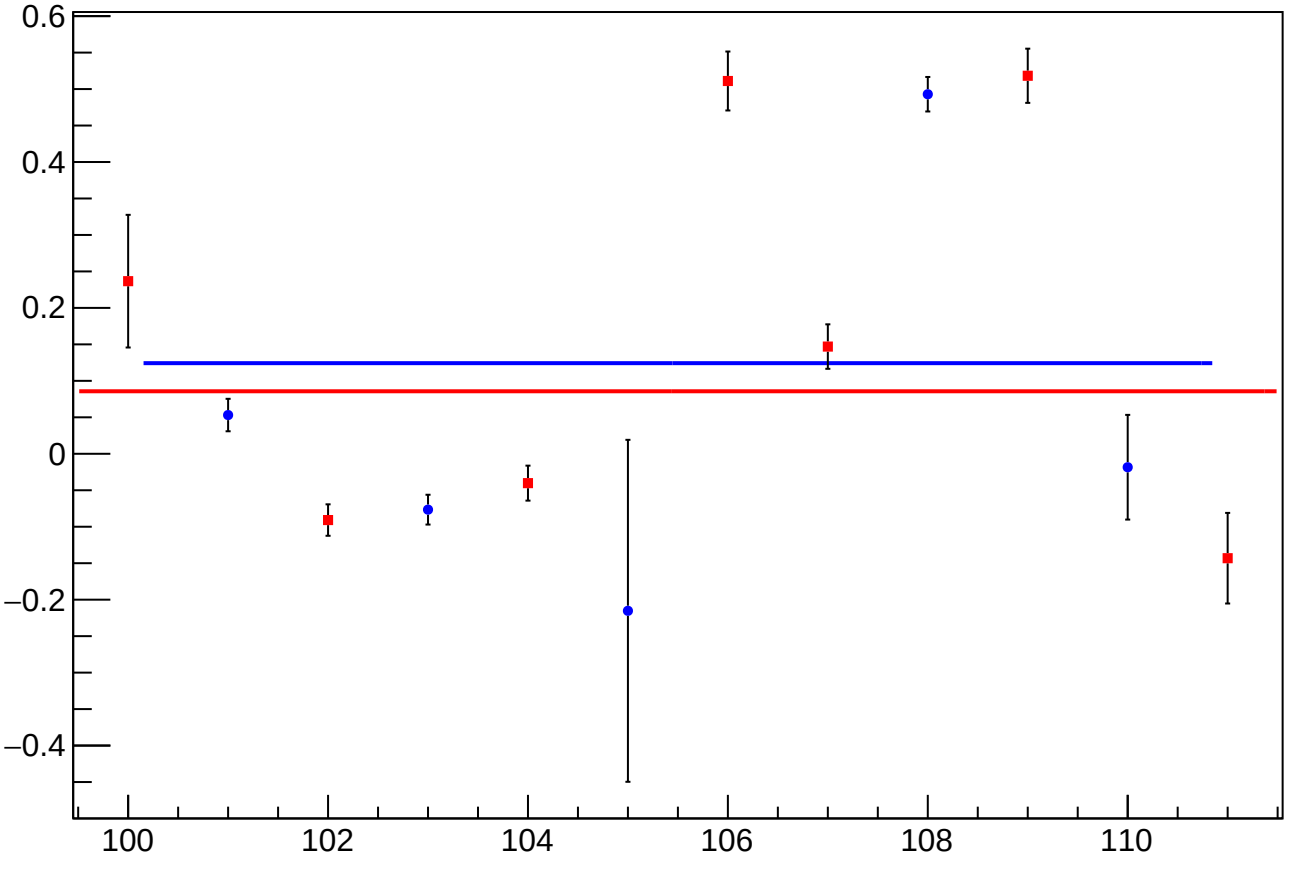
Right Out: -18.210+/-0.337 χ^2/NDF: 632.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-18.724+/-0.308 χ^2/NDF: 1026.2/4

-18.210+/-0.337 χ^2/NDF: 632.6/6

reg_asym_sam6_diff_bpm12X_slope vs slug



Right In: 0.124+/-0.012 χ^2/NDF: 355.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

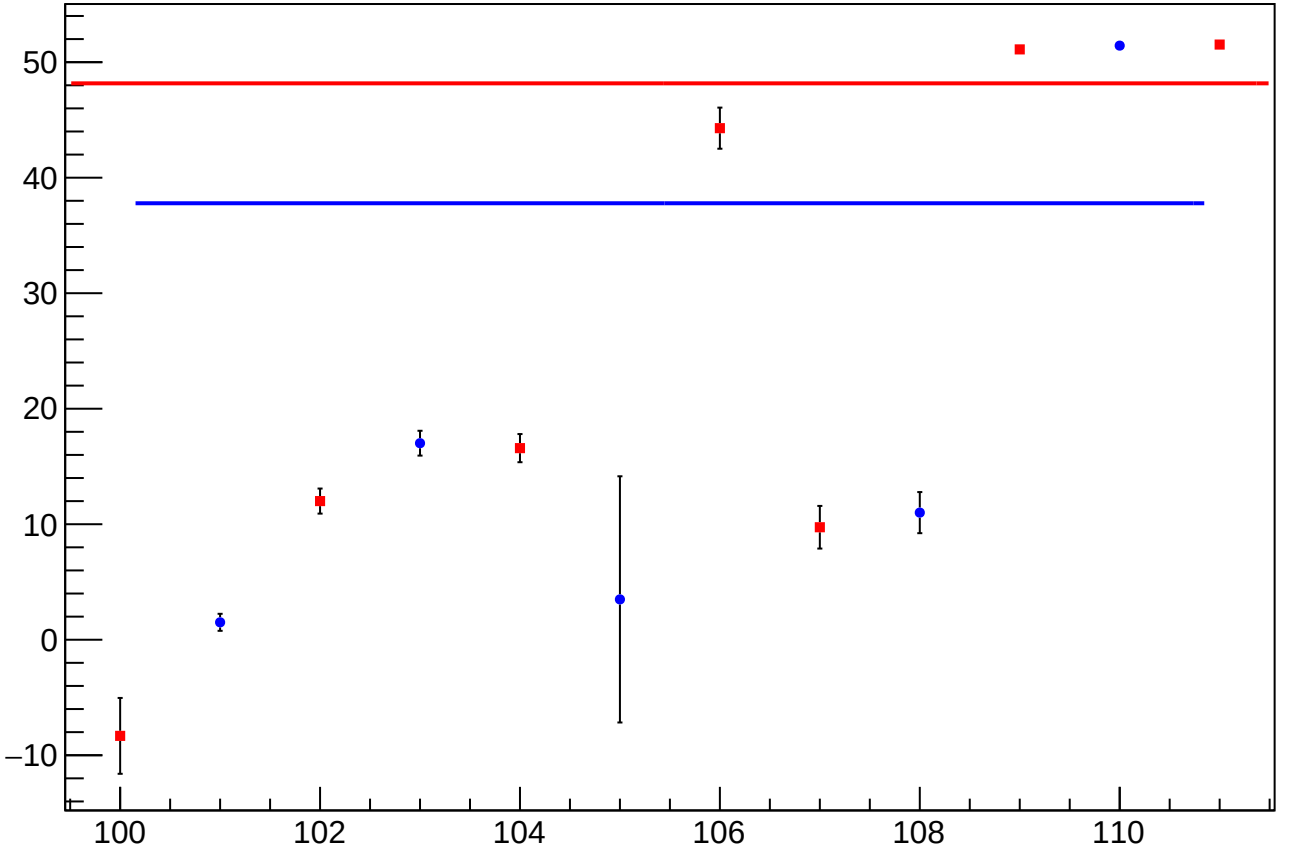
Right Out: 0.086+/-0.012 χ^2/NDF: 361.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.124+/-0.012 χ^2/NDF: 355.9/4

0.086+/-0.012 χ^2/NDF: 361.3/6

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 37.787+/-0.318 χ^2/NDF: 4311.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

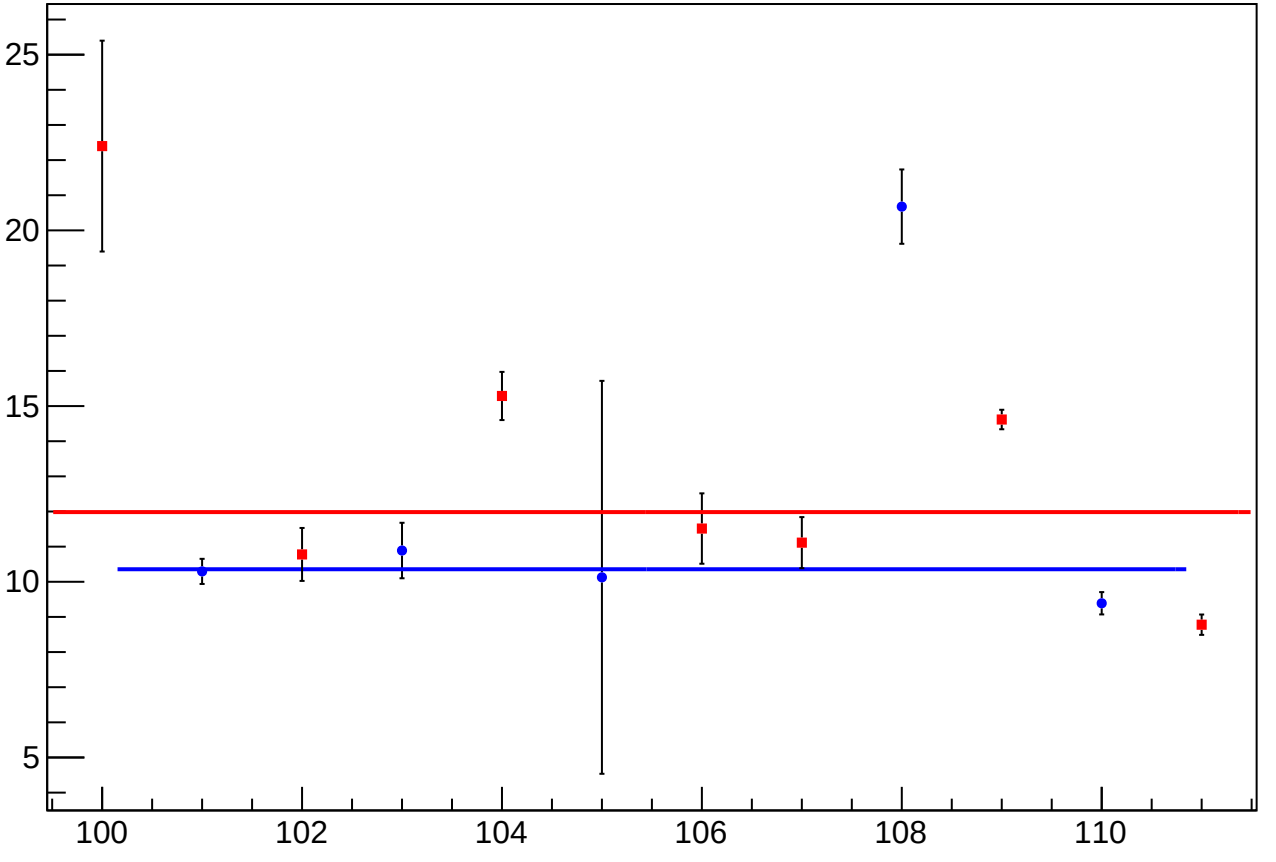
Right Out: 48.168+/-0.201 χ^2/NDF: 2734.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

37.787+/-0.318 χ^2/NDF: 4311.8/4

48.168+/-0.201 χ^2/NDF: 2734.5/6

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 10.357+/-0.222 χ^2/NDF: 104.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

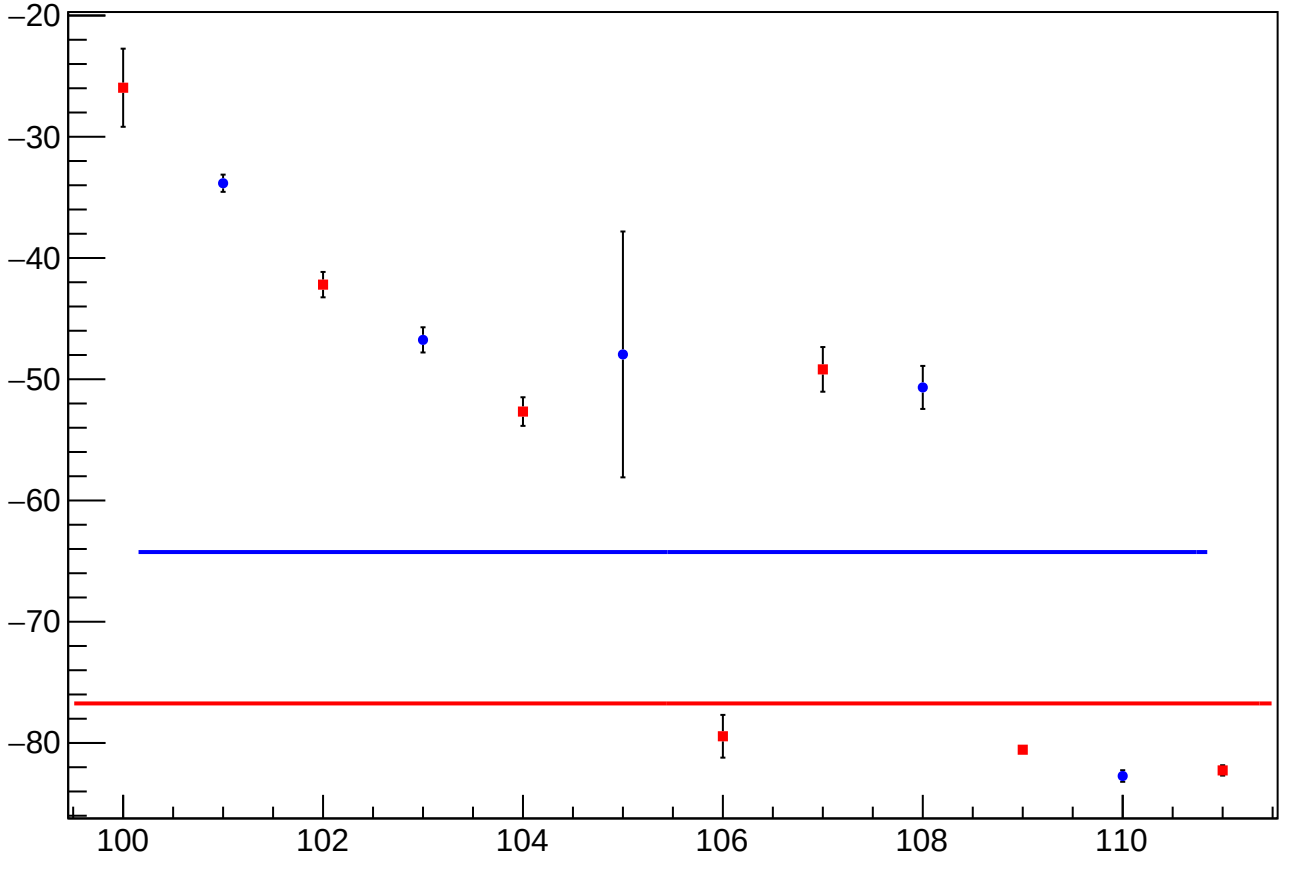
Right Out: 11.983+/-0.177 χ^2/NDF: 252.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

10.357+/-0.222 χ^2/NDF: 104.9/4

11.983+/-0.177 χ^2/NDF: 252.3/6

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: -64.253+/-0.362 χ^2/NDF: 3678.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

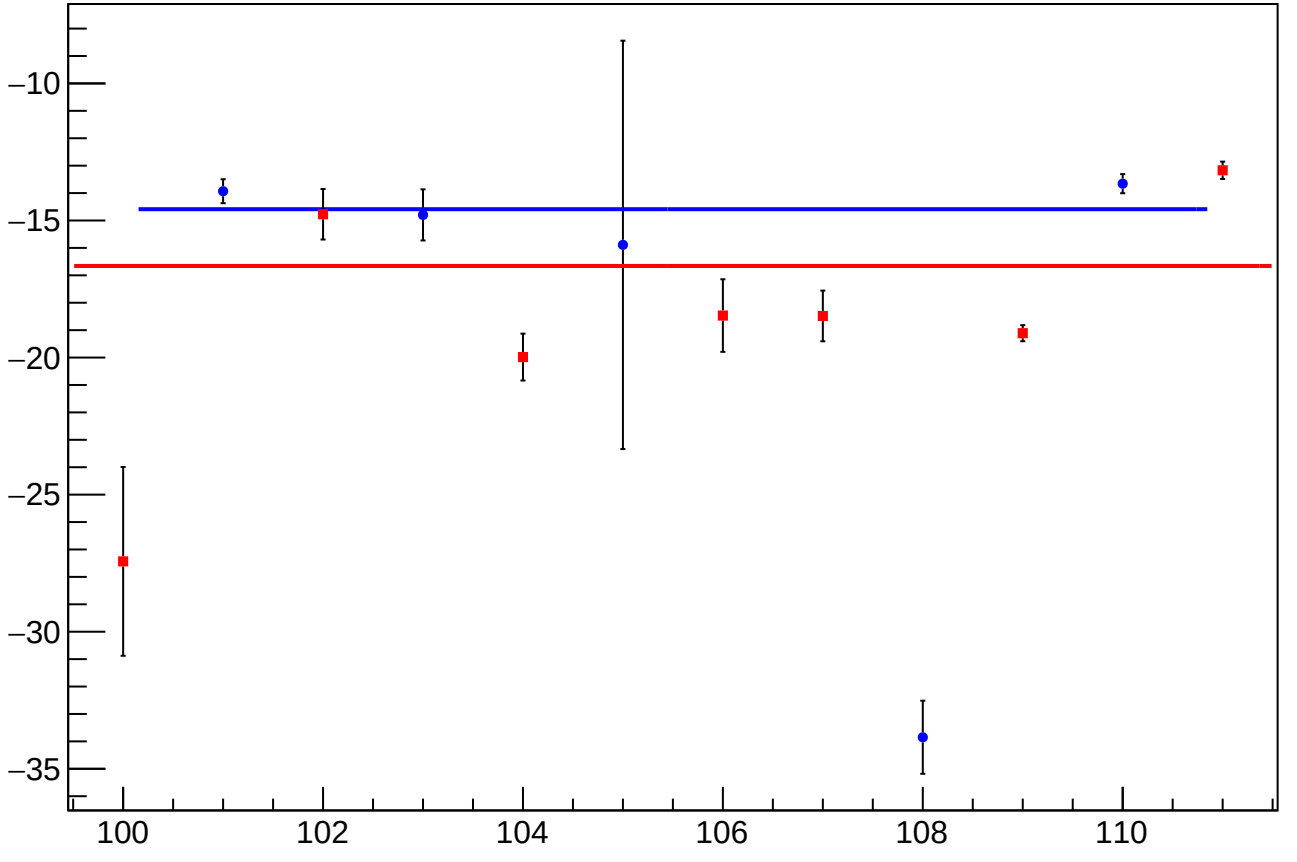
Right Out: -76.739+/-0.251 χ^2/NDF: 2263.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-64.253+/-0.362 χ^2/NDF: 3678.1/4

-76.739+/-0.251 χ^2/NDF: 2263.3/6

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -14.588+/-0.256 χ^2/NDF: 218.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

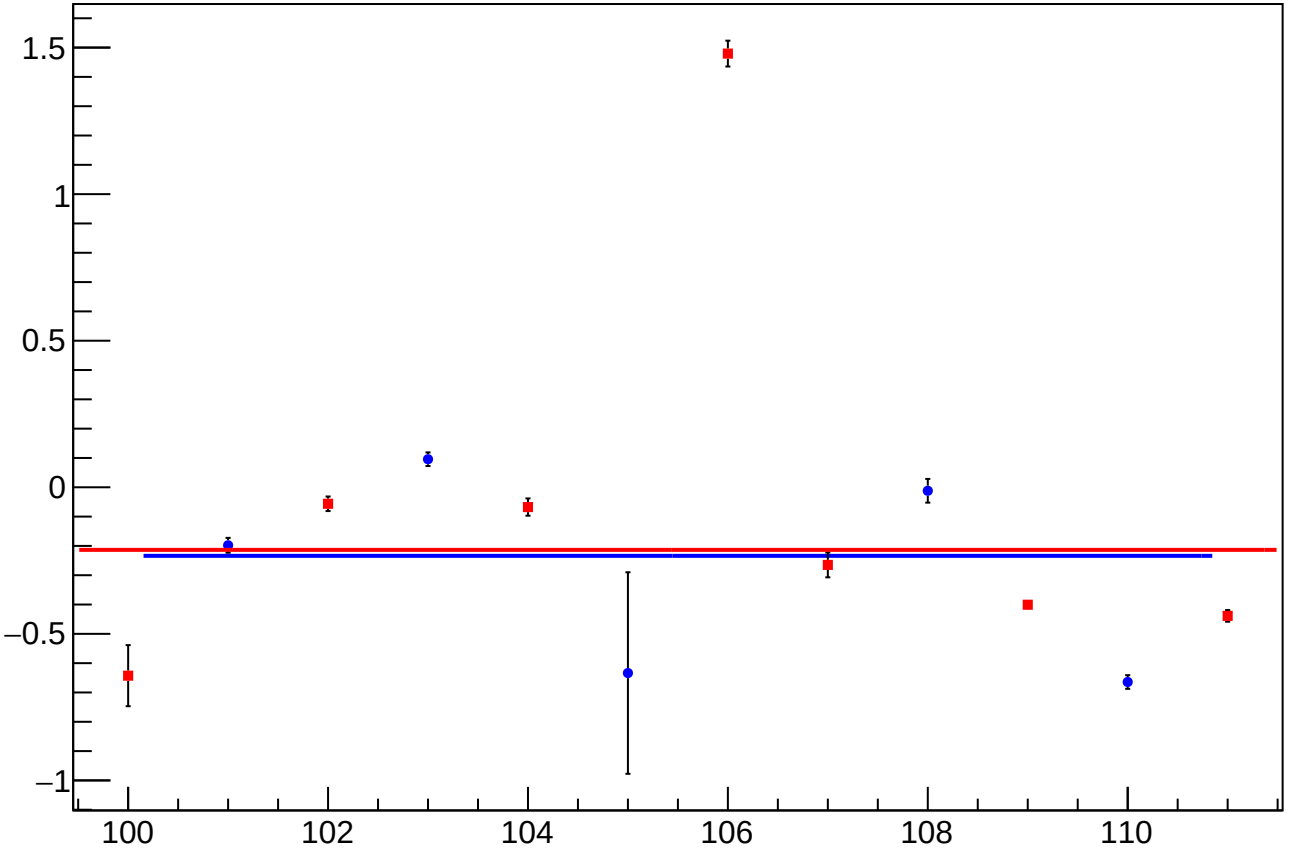
Right Out: -16.659+/-0.196 χ^2/NDF: 226.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-14.588+/-0.256 χ^2/NDF: 218.2/4

-16.659+/-0.196 χ^2/NDF: 226.8/6

reg_asym_sam7_diff_bpm12X_slope vs slug



Right In: -0.234+/-0.013 χ^2/NDF: 575.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

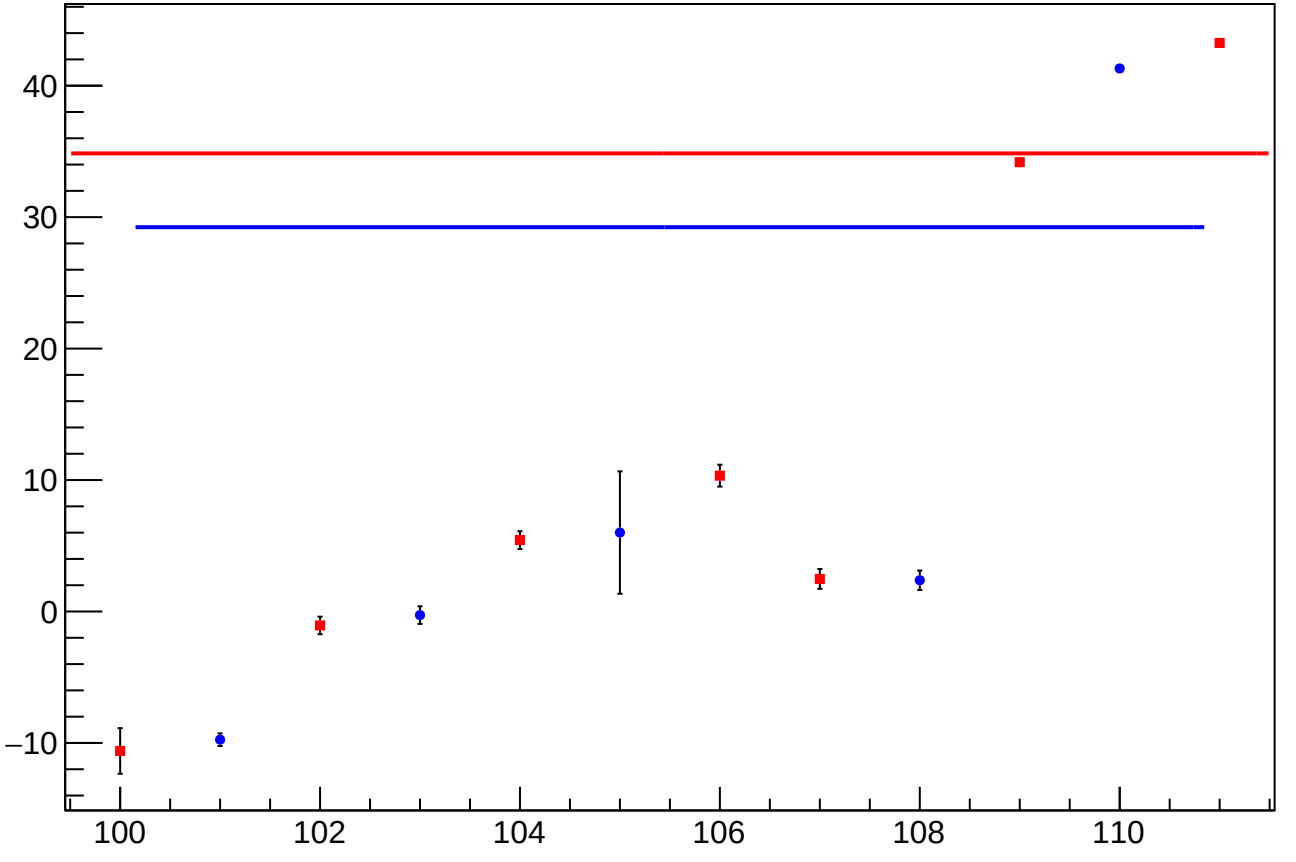
Right Out: -0.214+/-0.010 χ^2/NDF: 1810.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.234+/-0.013 χ^2/NDF: 575.7/4

-0.214+/-0.010 χ^2/NDF: 1810.3/6

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: 29.236+/-0.177 χ^2/NDF: 13277.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

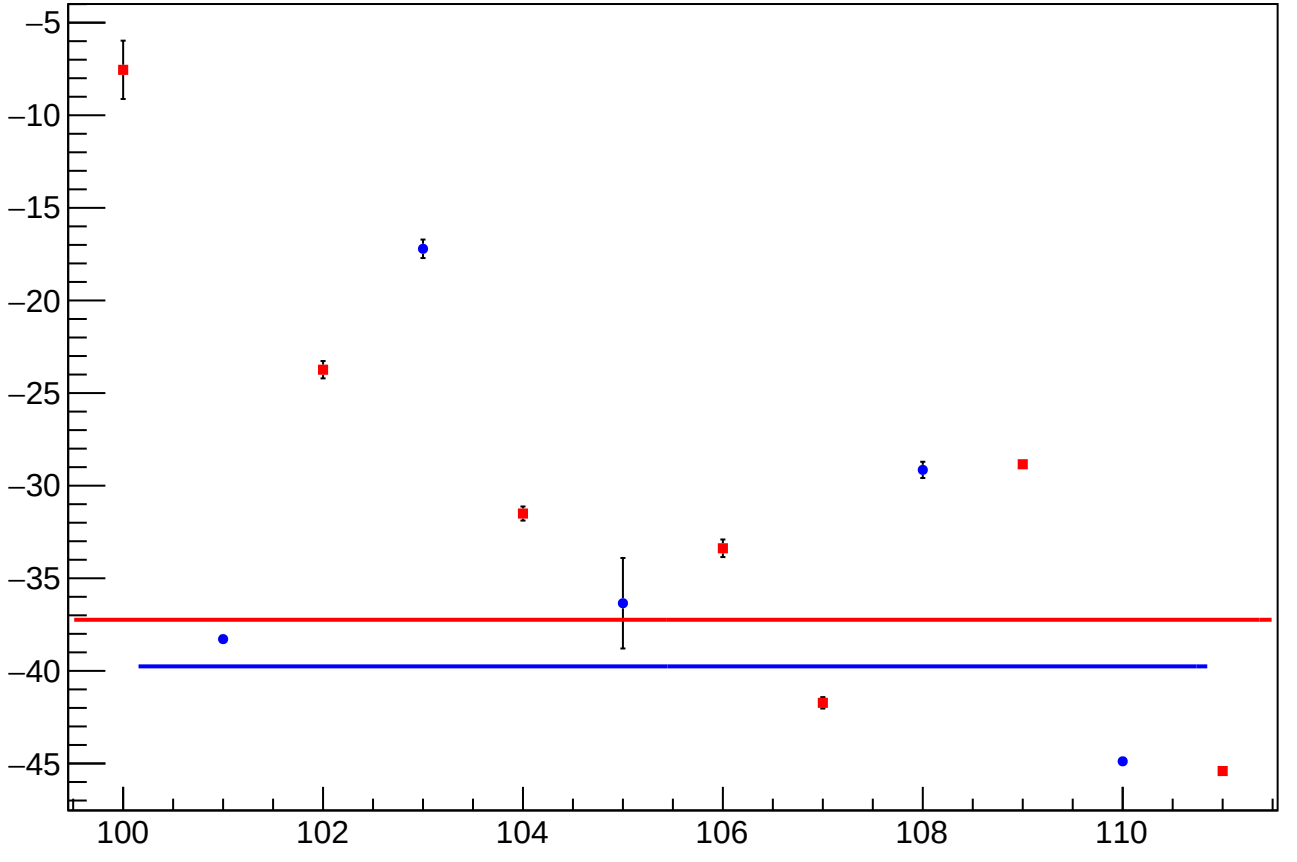
Right Out: 34.850+/-0.107 χ^2/NDF: 10579.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

29.236+/-0.177 χ^2/NDF: 13277.4/4

34.850+/-0.107 χ^2/NDF: 10579.8/6

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -39.757+/-0.128 χ^2/NDF: 3545.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

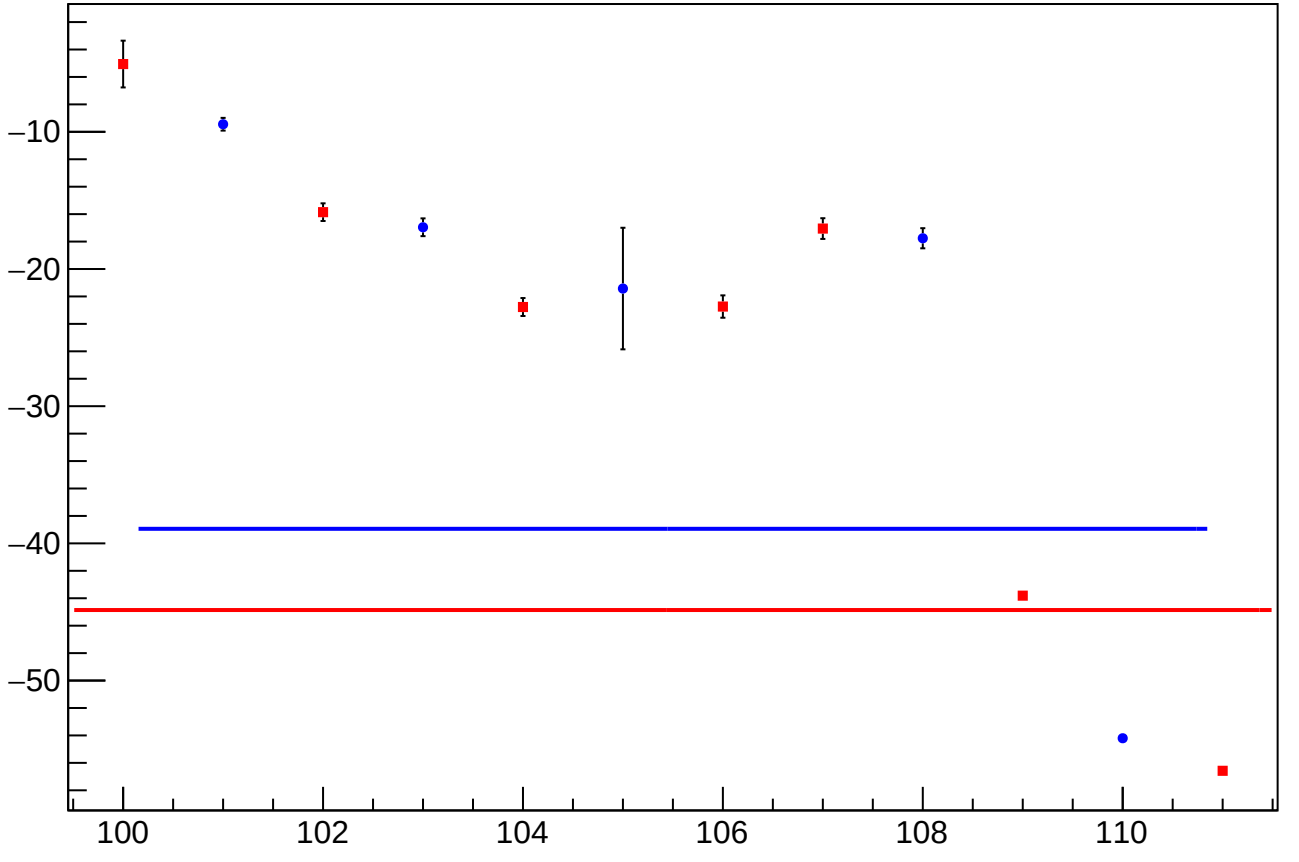
Right Out: -37.240+/-0.097 χ^2/NDF: 7108.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-39.757+/-0.128 χ^2/NDF: 3545.3/4

-37.240+/-0.097 χ^2/NDF: 7108.7/6

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: -38.938+/-0.204 χ^2/NDF: 9536.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

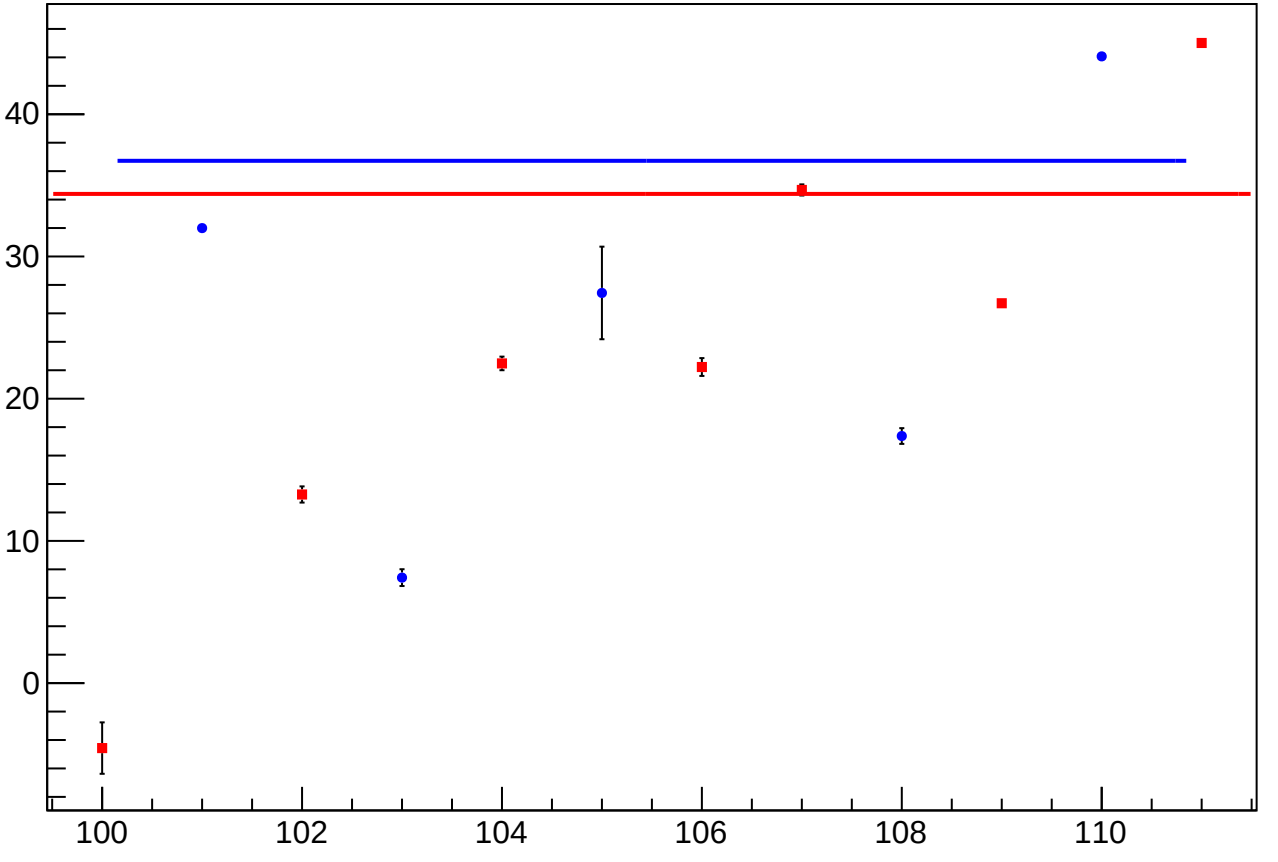
Right Out: -44.859+/-0.134 χ^2/NDF: 8709.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-38.938+/-0.204 χ^2/NDF: 9536.9/4

-44.859+/-0.134 χ^2/NDF: 8709.5/6

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: 36.727+/-0.146 χ^2/NDF: 5484.2/4

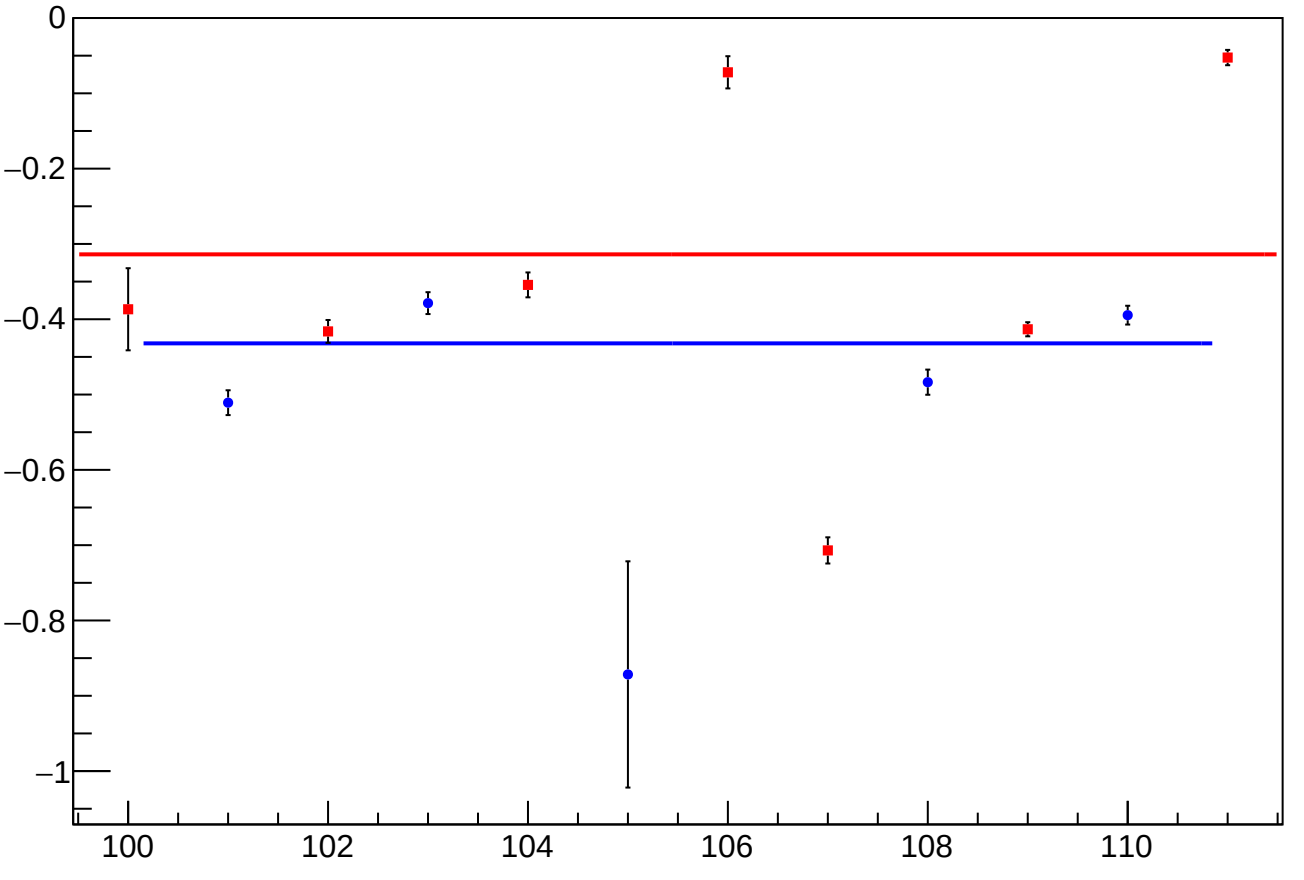
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.399+/-0.107 χ^2/NDF: 9021.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

36.727+/-0.146 χ^2/NDF: 5484.2/4

34.399+/-0.107 χ^2/NDF: 9021.1/6



Right In: -0.432+/-0.007 χ^2/NDF: 63.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

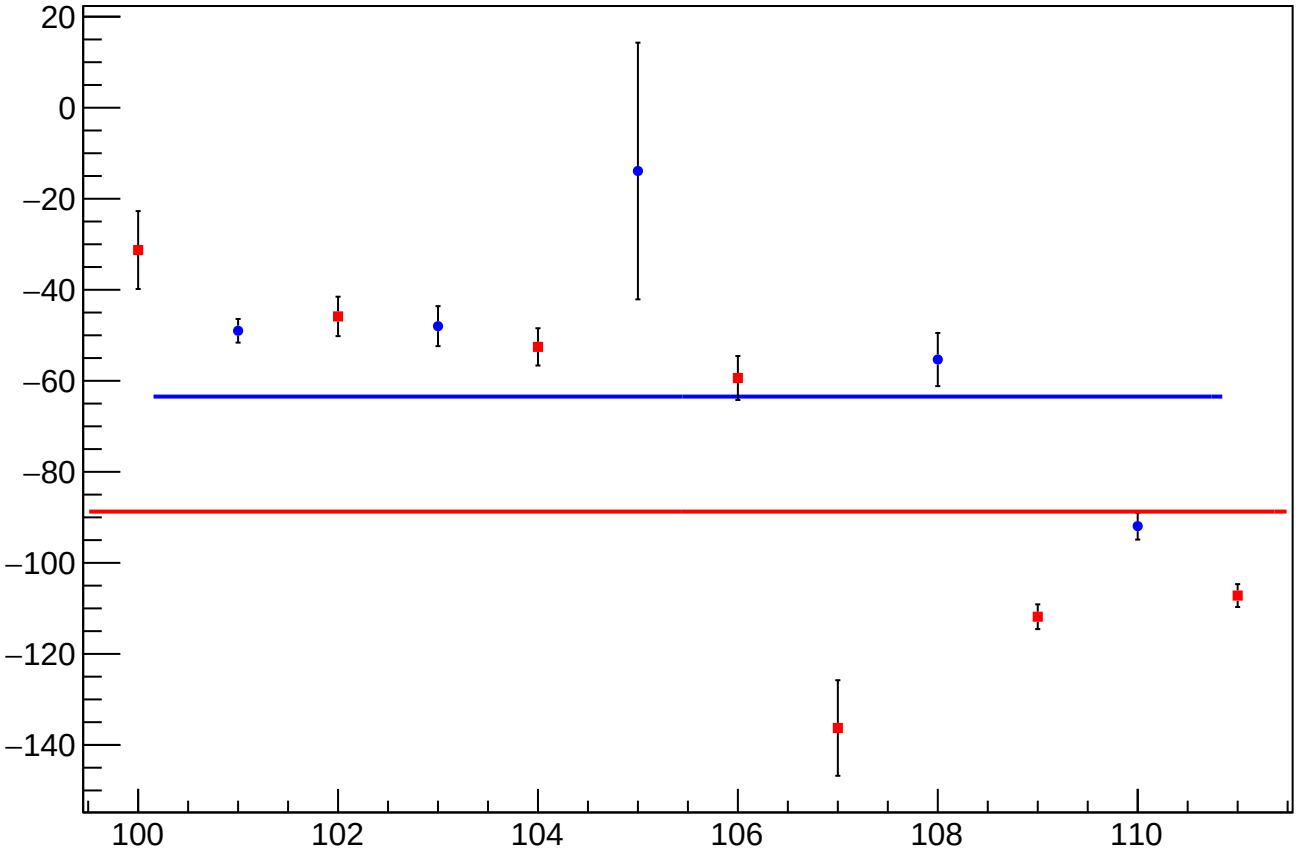
Right Out: -0.314+/-0.005 χ^2/NDF: 1464.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.432+/-0.007 χ^2/NDF: 63.5/4

-0.314+/-0.005 χ^2/NDF: 1464.6/6

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: -63.465+/-1.704 χ^2/NDF: 140.6/4

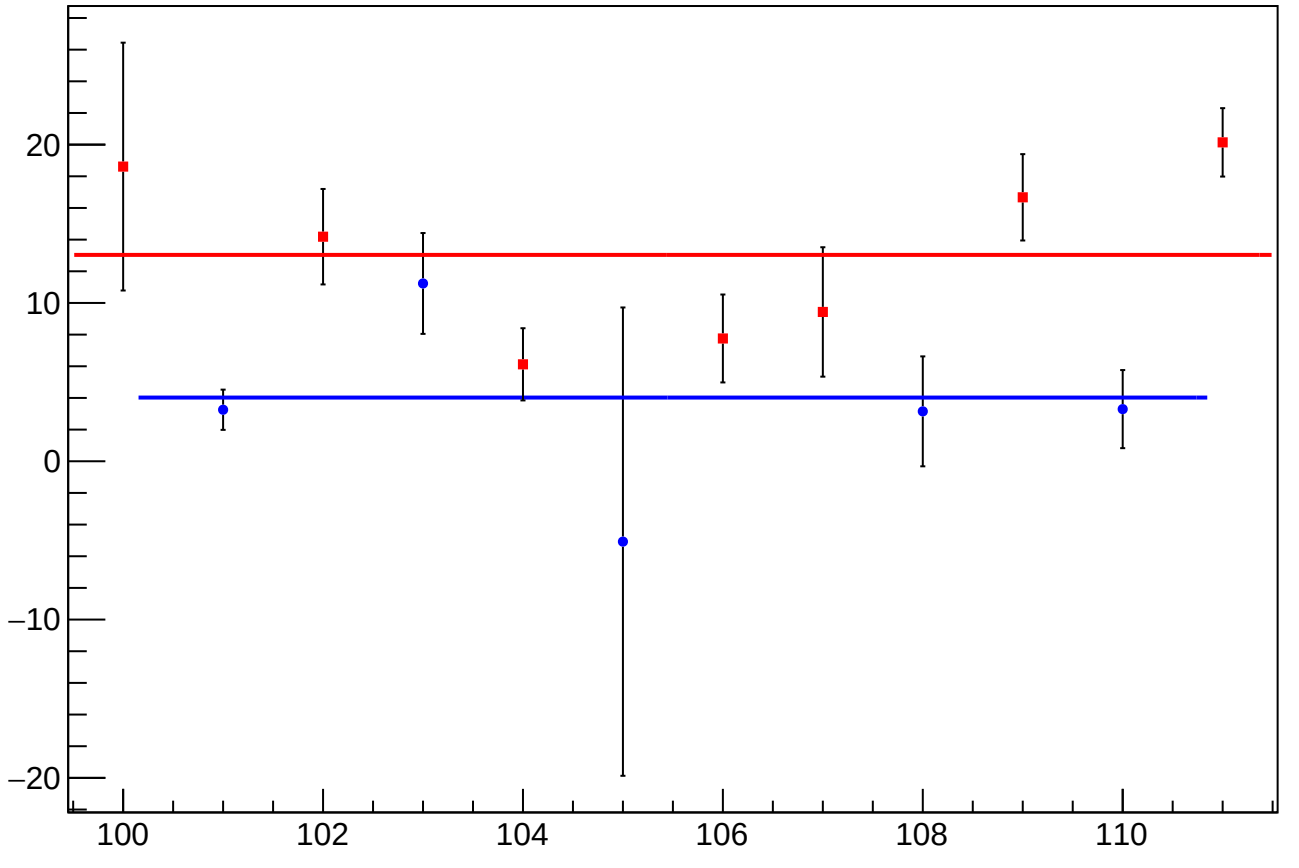
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -88.731+/-1.455 χ^2/NDF: 404.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-63.465+/-1.704 χ^2/NDF: 140.6/4

-88.731+/-1.455 χ^2/NDF: 404.9/6



Right In: 4.024+/-1.016 χ^2/NDF: 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

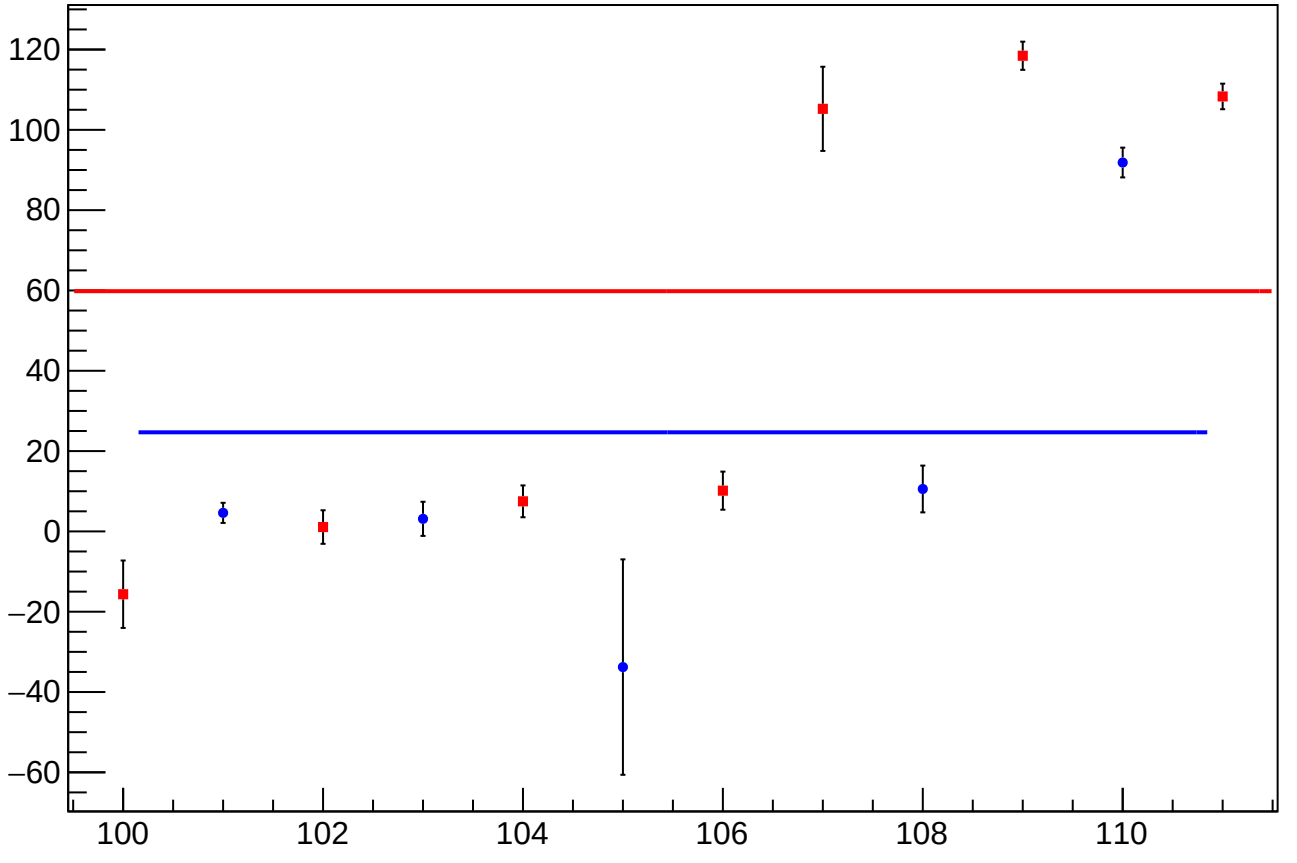
Right Out: 13.035+/-1.080 χ^2/NDF: 26.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4.024+/-1.016 χ^2/NDF: 6.0/4

13.035+/-1.080 χ^2/NDF: 26.8/6

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: 24.677+/-1.772 χ^2/NDF: 429.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

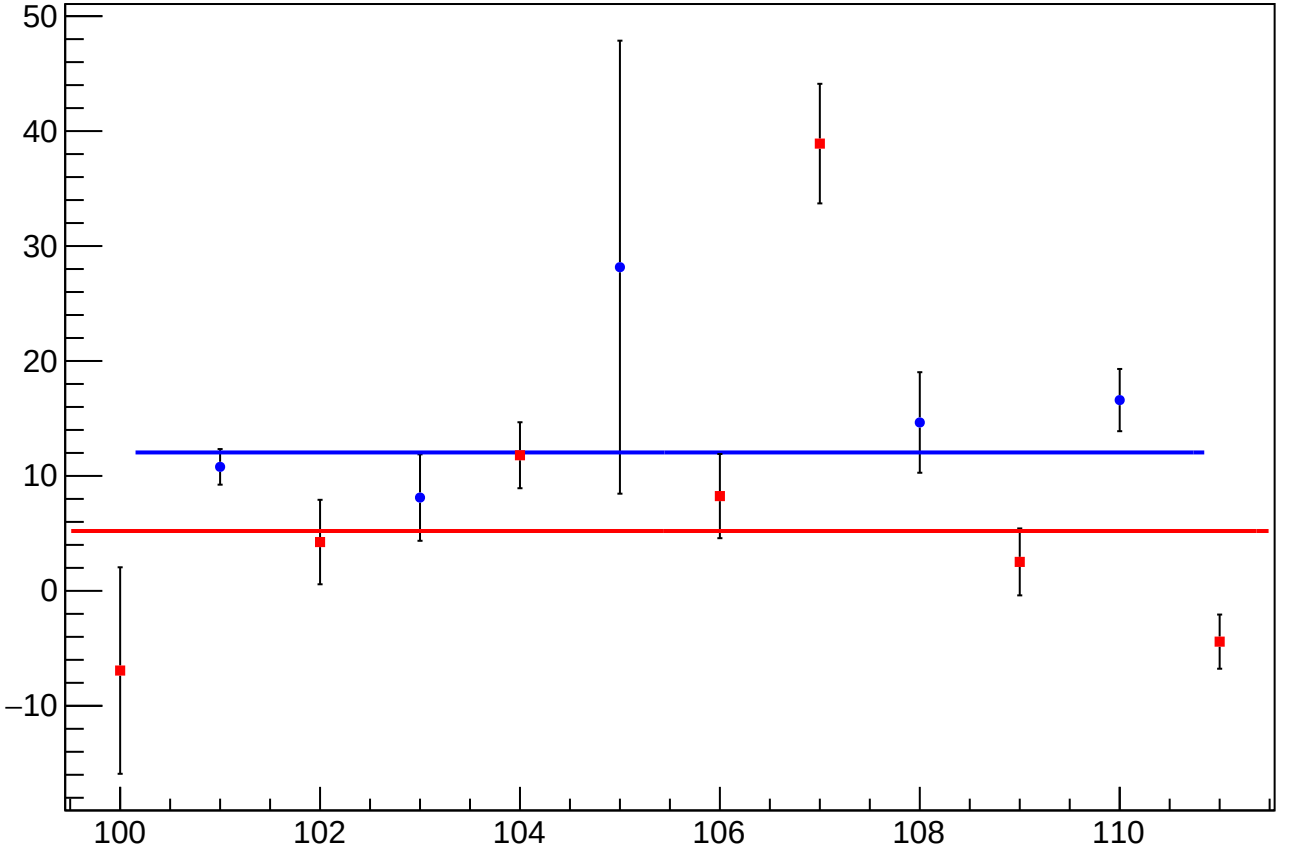
Right Out: 59.822+/-1.647 χ^2/NDF: 1092.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

24.677+/-1.772 χ^2/NDF: 429.0/4

59.822+/-1.647 χ^2/NDF: 1092.8/6

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 12.042+/-1.214 χ^2/NDF: 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

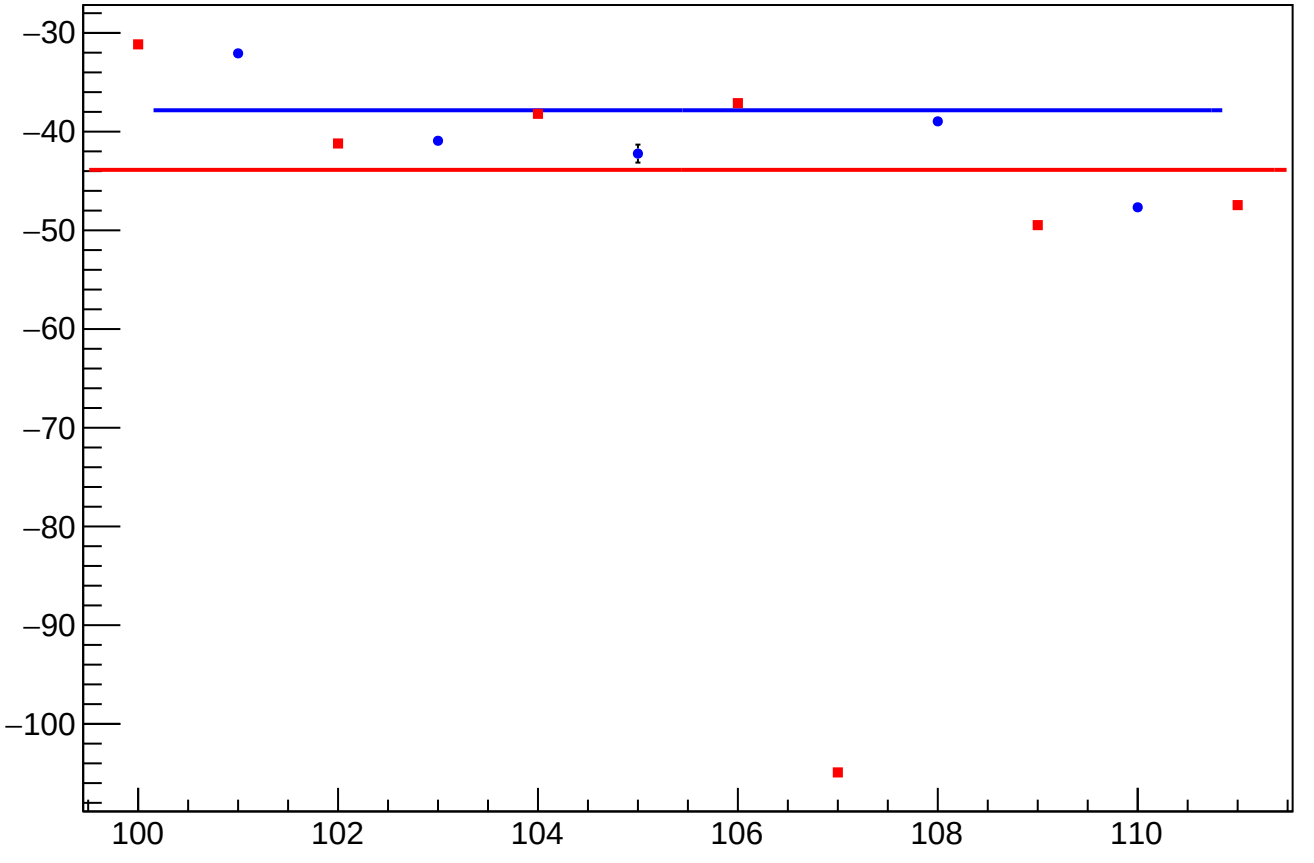
Right Out: 5.209+/-1.273 χ^2/NDF: 67.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12.042+/-1.214 χ^2/NDF: 5.6/4

5.209+/-1.273 χ^2/NDF: 67.4/6

reg_asym_usl_diff_bpm12X_slope vs slug



Right In: -37.836+/-0.056 χ^2/NDF: 8205.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

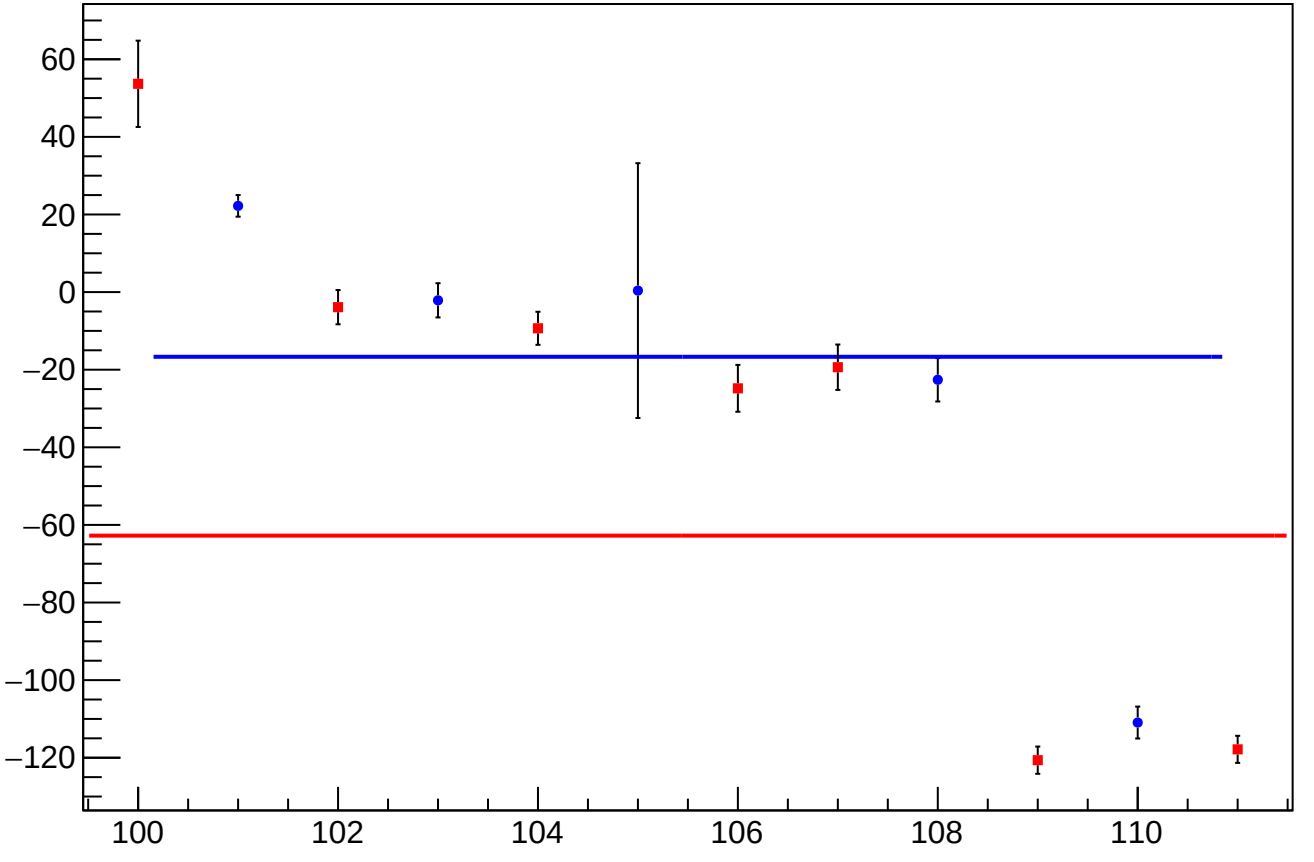
Right Out: -43.873+/-0.051 χ^2/NDF: 75213.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-37.836+/-0.056 χ^2/NDF: 8205.3/4

-43.873+/-0.051 χ^2/NDF: 75213.6/6

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -16.674+/-1.917 χ^2/NDF: 733.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

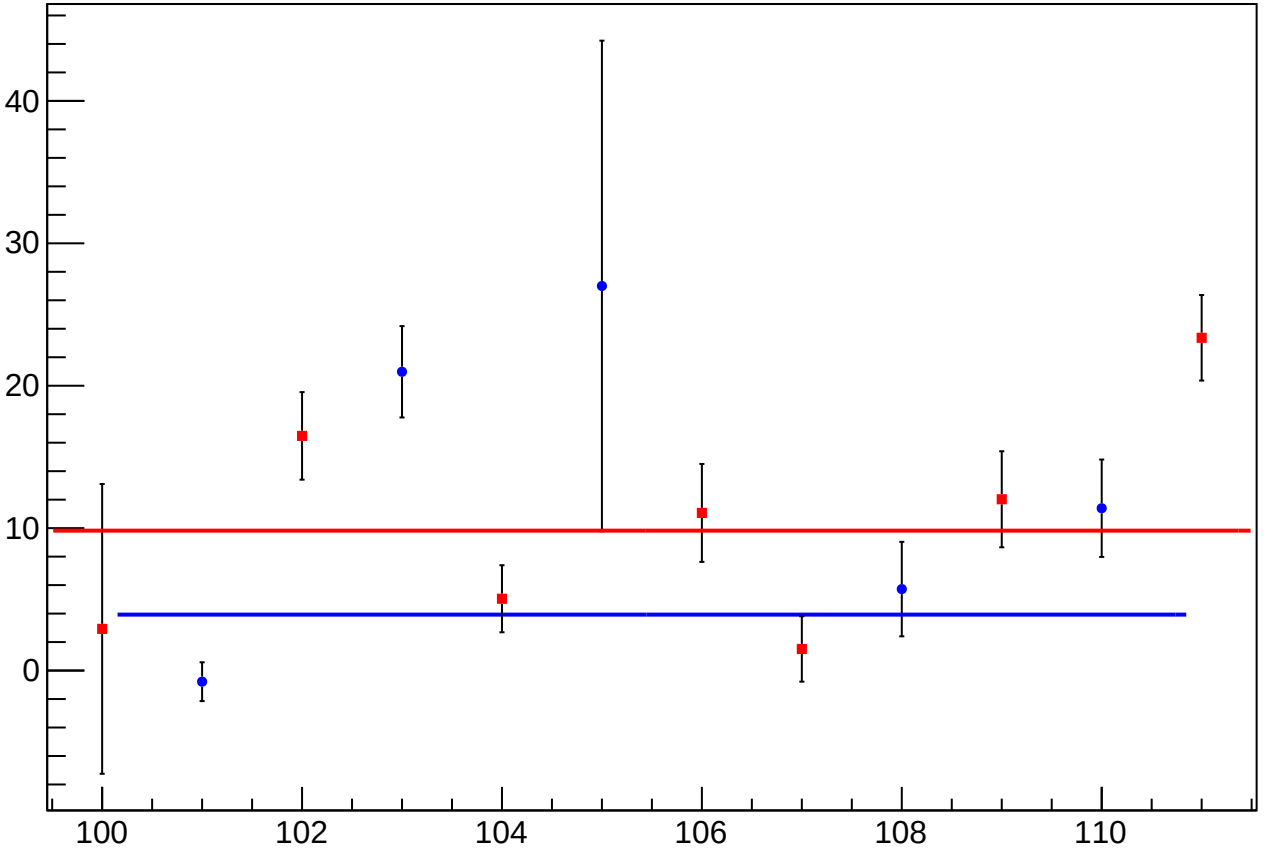
Right Out: -62.762+/-1.729 χ^2/NDF: 1060.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-16.674+/-1.917 χ^2/NDF: 733.0/4

-62.762+/-1.729 χ^2/NDF: 1060.8/6

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 3.928+/-1.107 χ^2/NDF: 47.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

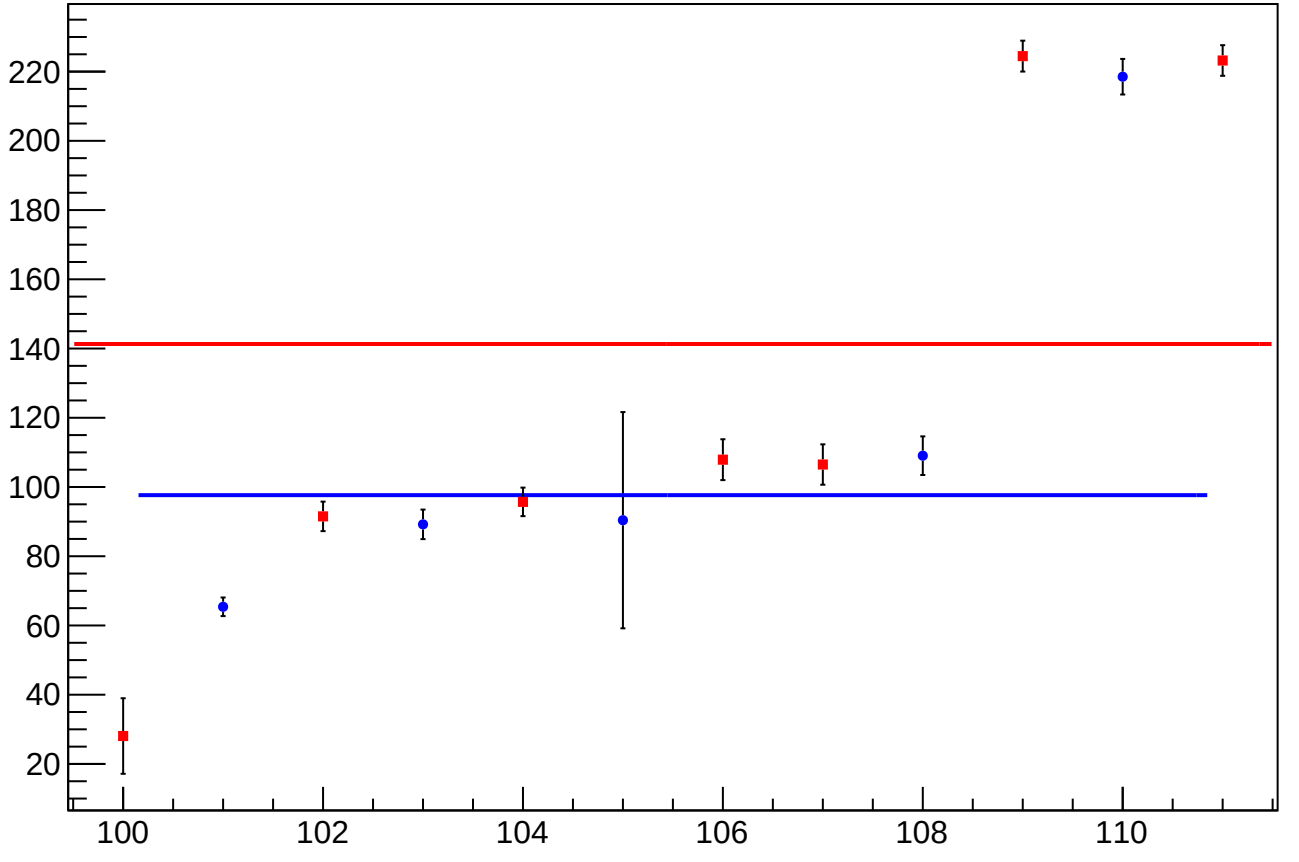
Right Out: 9.824+/-1.140 χ^2/NDF: 43.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3.928+/-1.107 χ^2/NDF: 47.1/4

9.824+/-1.140 χ^2/NDF: 43.3/6

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 97.647+/-1.944 χ^2/NDF: 705.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

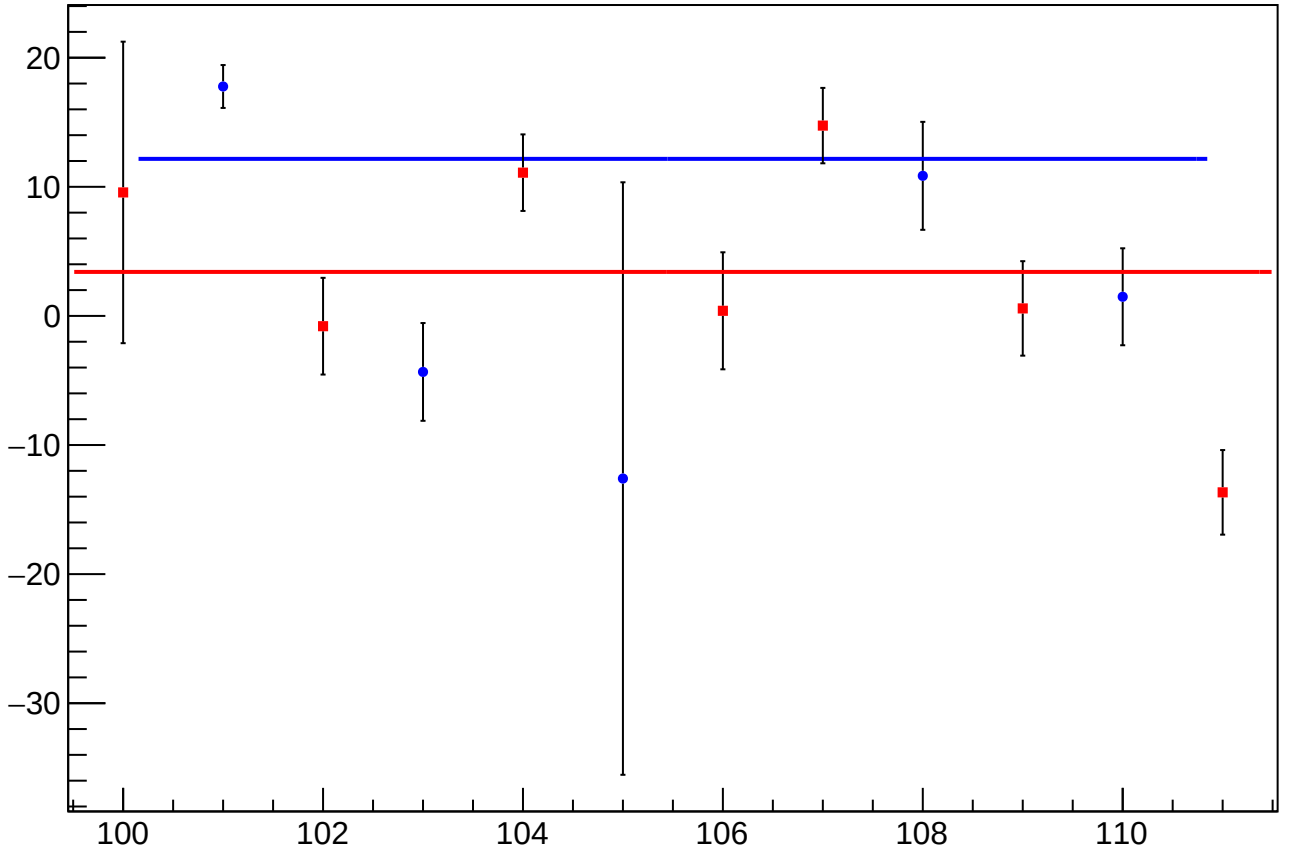
Right Out: 141.310+/-1.884 χ^2/NDF: 1124.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

97.647+/-1.944 χ^2/NDF: 705.5/4

141.310+/-1.884 χ^2/NDF: 1124.3/6

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: 12.165+/-1.334 χ^2/NDF: 39.7/4

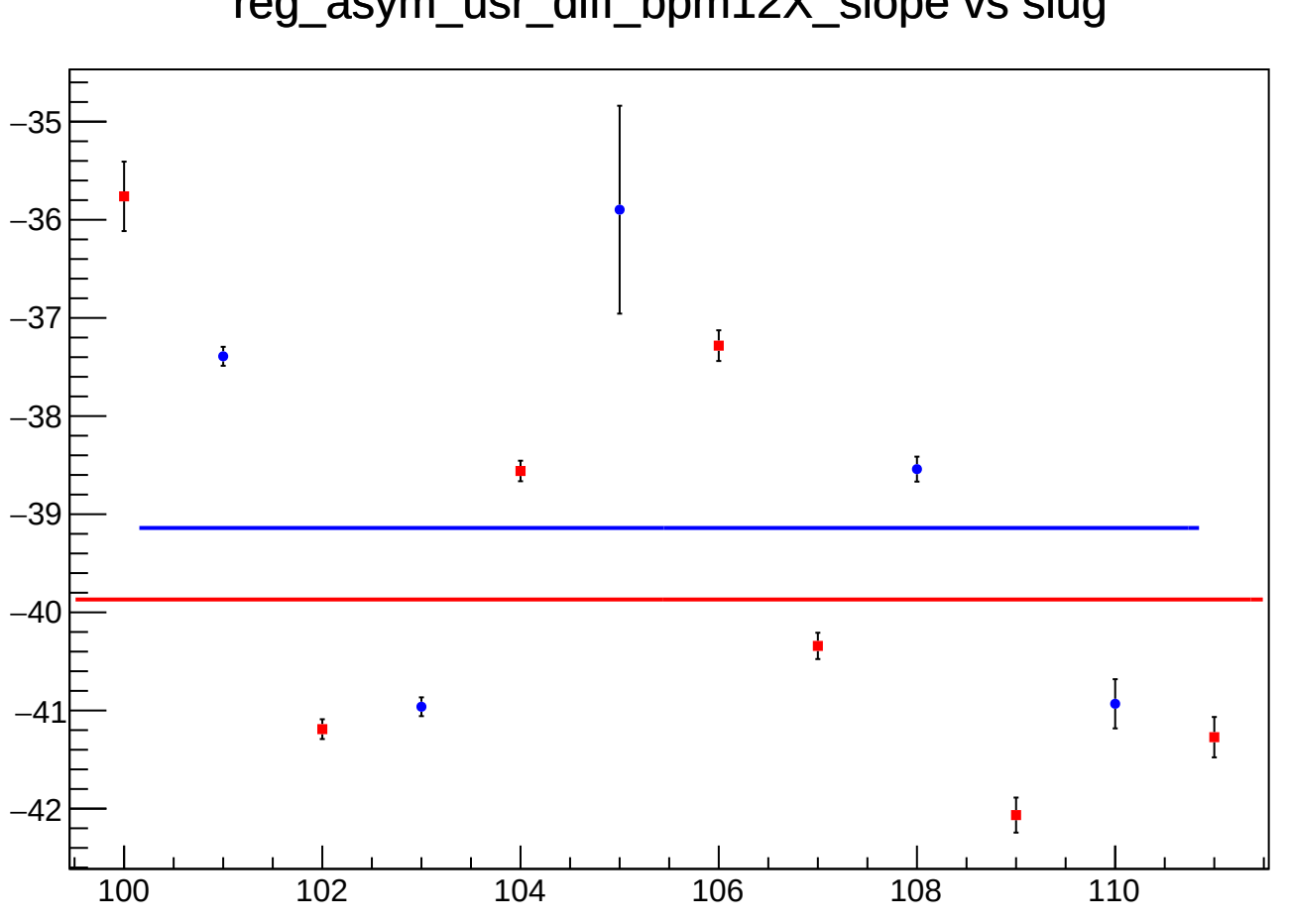
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.408+/-1.379 χ^2/NDF: 51.5/6

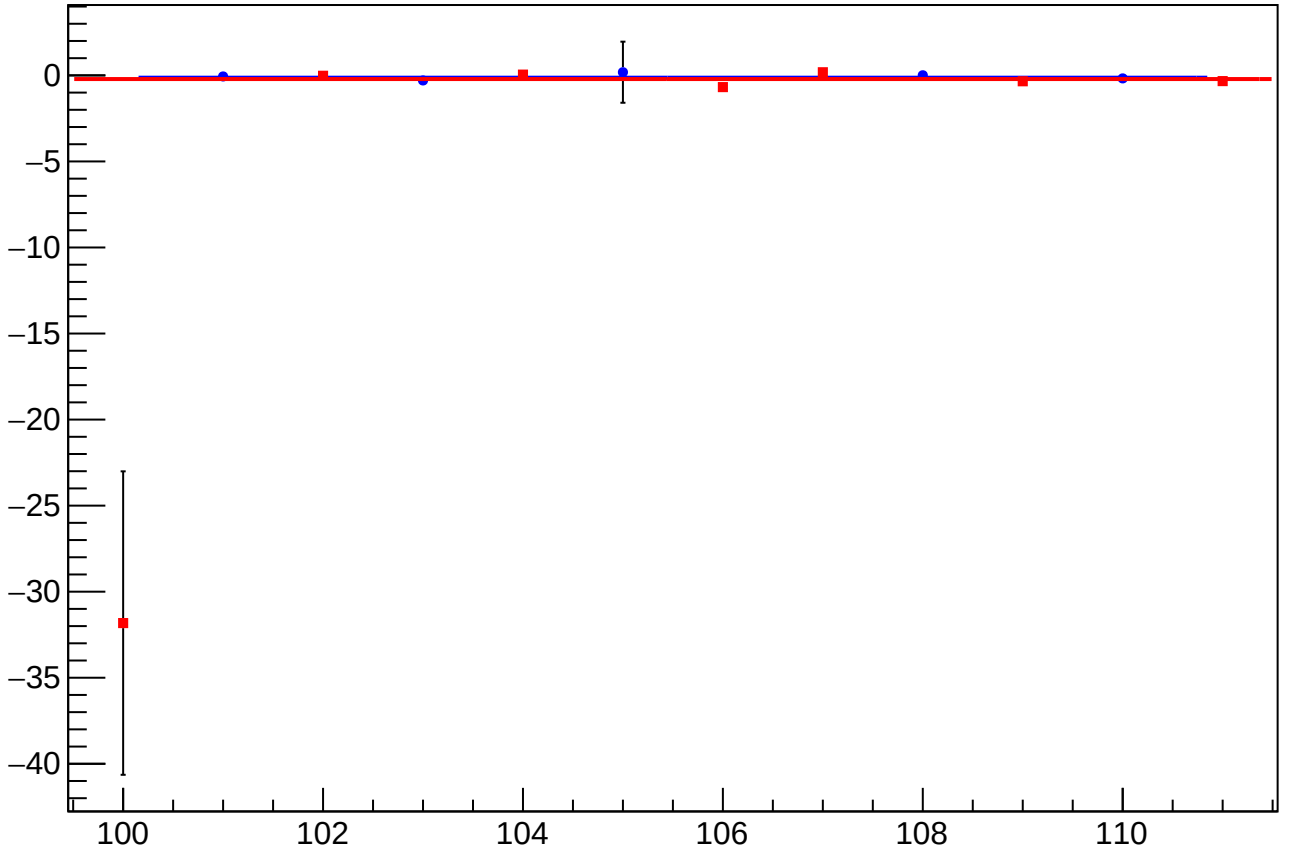
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12.165+/-1.334 χ^2/NDF: 39.7/4

3.408+/-1.379 χ^2/NDF: 51.5/6


reg_asym_usr_diff_bpm12X_slope vs slug
−35
−36
−37
−38
−39
−40
−41
−42
100
102
104
106
108
110
Right In: -39.140+/-0.058 χ²/NDF: 773.6/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -39.869+/-0.053 χ²/NDF: 948.0/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-39.140+/-0.058 χ²/NDF: 773.6/4
-39.869+/-0.053 χ²/NDF: 948.0/6

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: -0.134+/-0.088 χ^2/NDF: 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

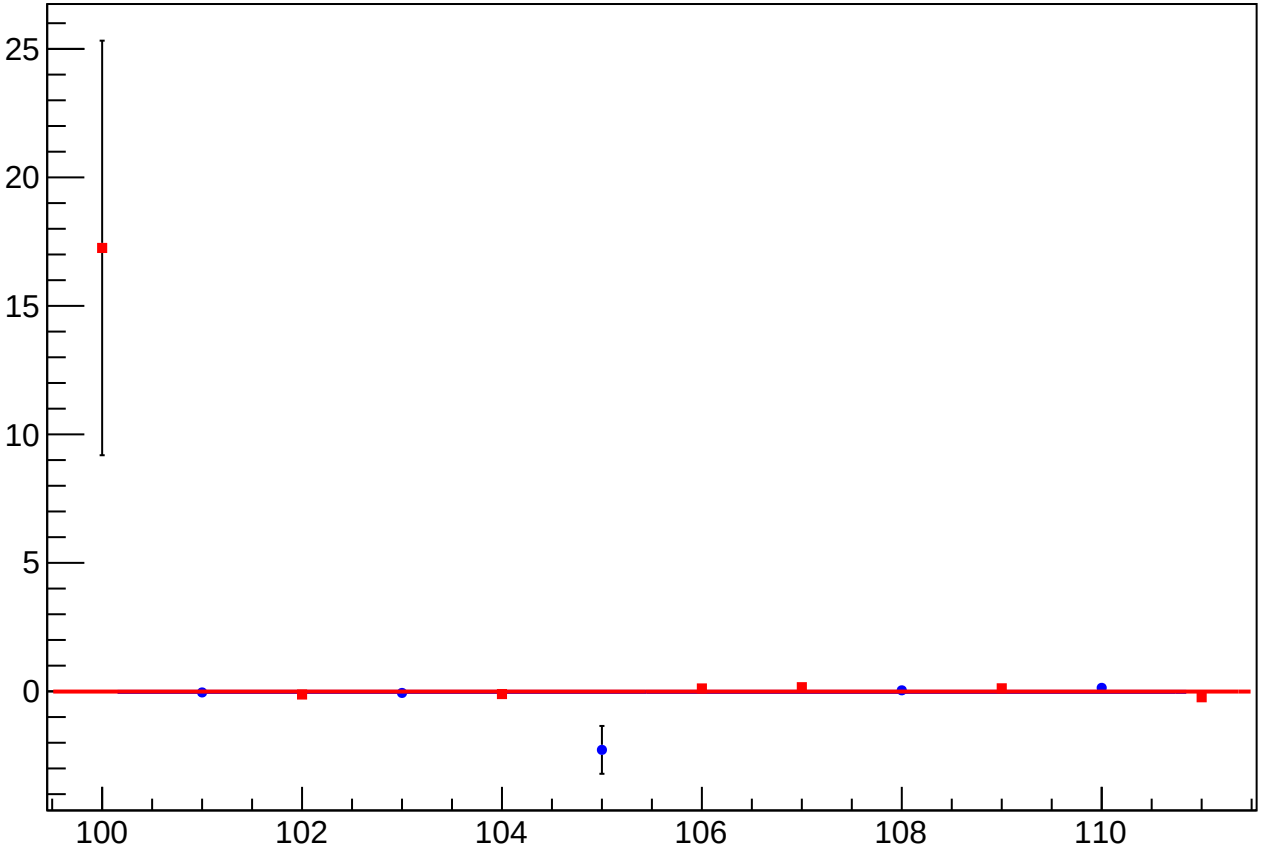
Right Out: -0.213+/-0.079 χ^2/NDF: 21.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.134+/-0.088 χ^2/NDF: 1.4/4

-0.213+/-0.079 χ^2/NDF: 21.3/6

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: -0.021+/-0.052 χ^2/NDF: 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

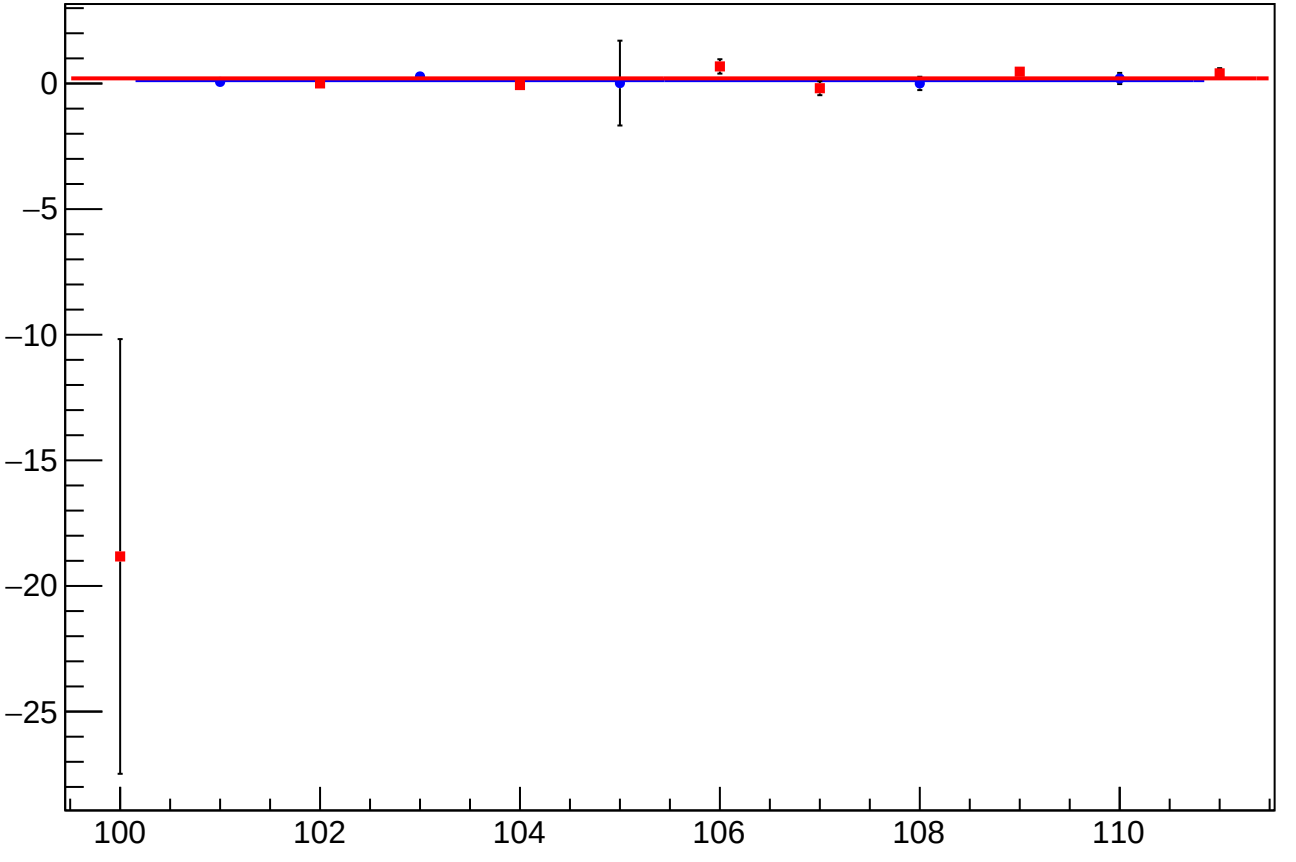
Right Out: -0.008+/-0.054 χ^2/NDF: 12.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.021+/-0.052 χ^2/NDF: 7.3/4

-0.008+/-0.054 χ^2/NDF: 12.2/6

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: 0.134+/-0.089 χ^2/NDF: 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

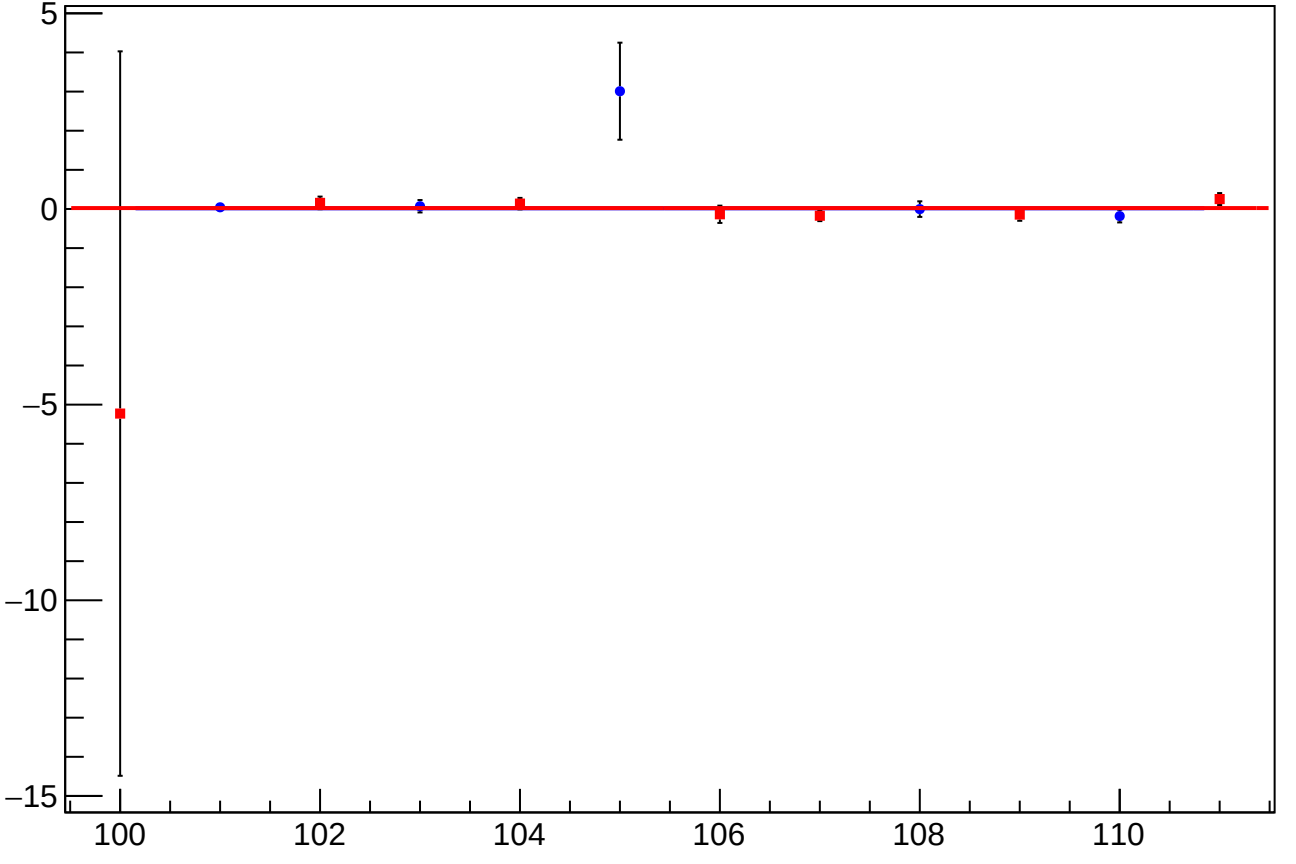
Right Out: 0.205+/-0.087 χ^2/NDF: 15.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.134+/-0.089 χ^2/NDF: 1.3/4

0.205+/-0.087 χ^2/NDF: 15.5/6

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 0.017+/-0.062 χ^2/NDF: 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

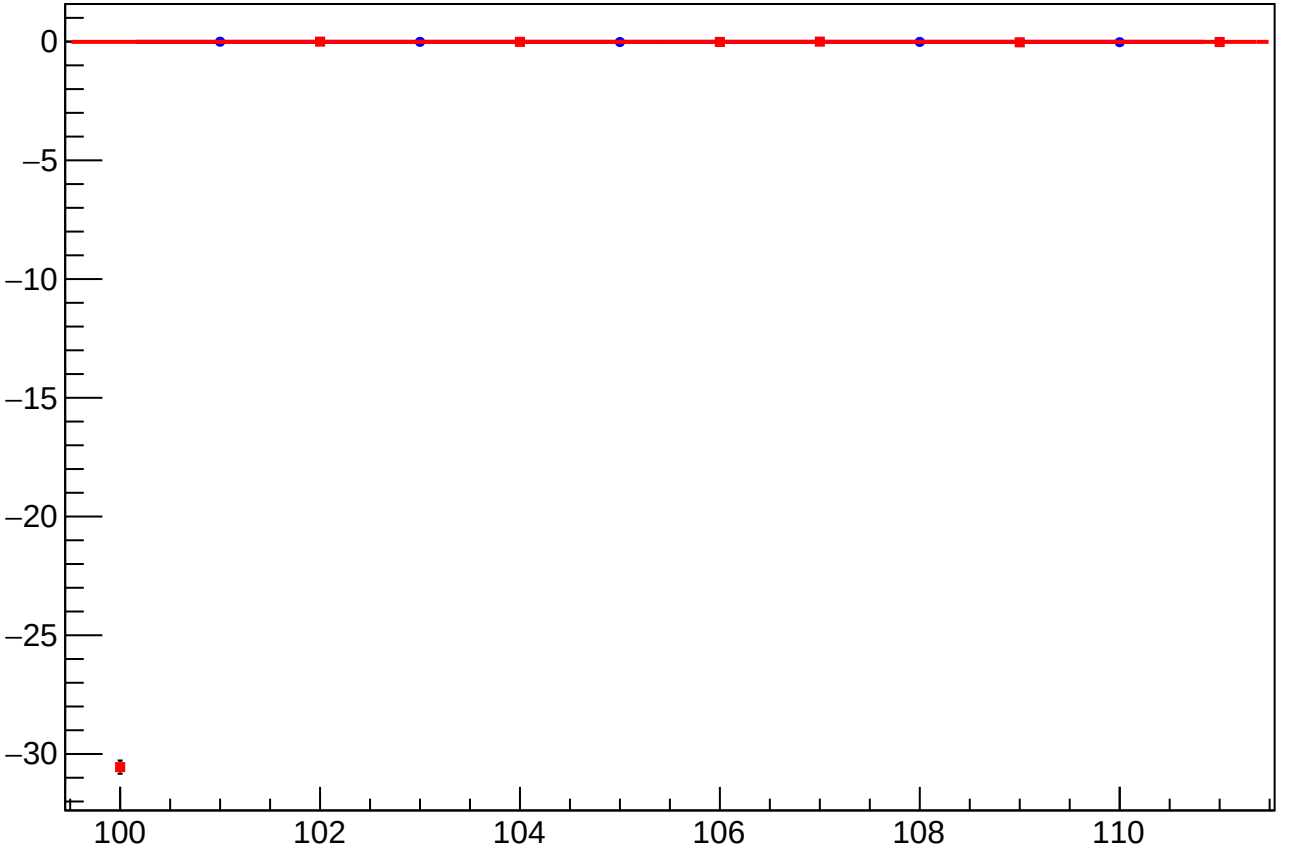
Right Out: 0.023+/-0.064 χ^2/NDF: 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.017+/-0.062 χ^2/NDF: 7.5/4

0.023+/-0.064 χ^2/NDF: 7.5/6

reg_asym_dsl_diff_bpm12X_slope vs slug



Right In: -0.010+/-0.003 χ^2/NDF: 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

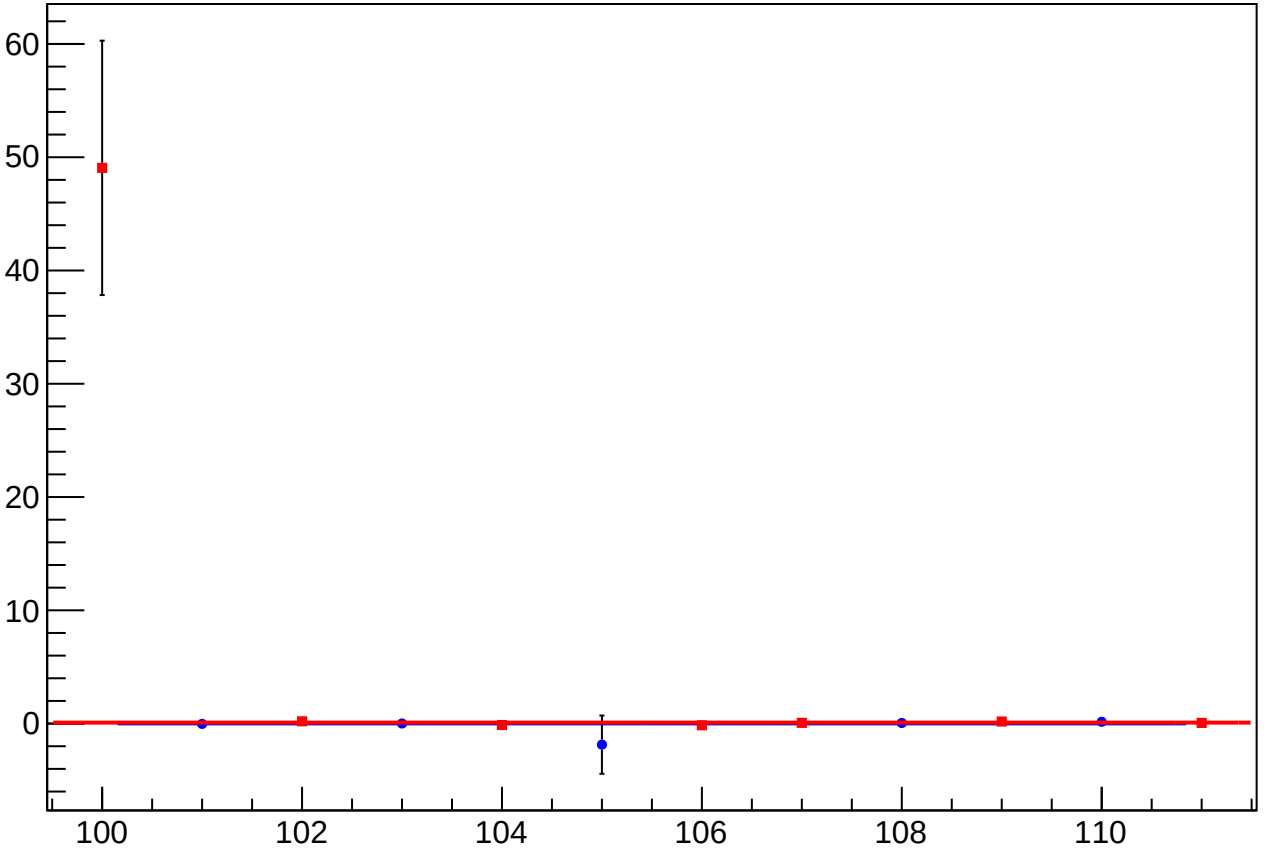
Right Out: -0.011+/-0.002 χ^2/NDF: 11881.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.010+/-0.003 χ^2/NDF: 3.5/4

-0.011+/-0.002 χ^2/NDF: 11881.4/6

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: 0.016+/-0.101 χ^2/NDF: 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

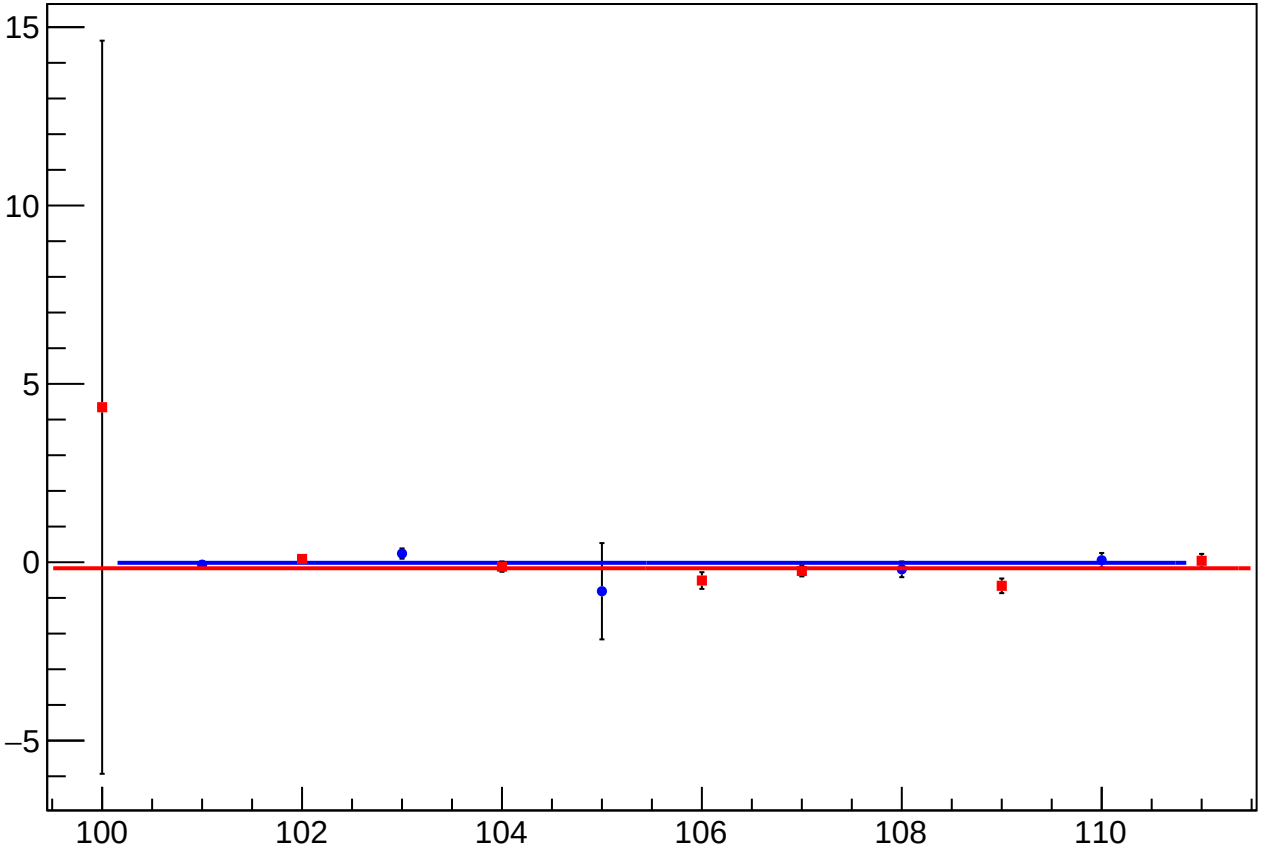
Right Out: 0.086+/-0.101 χ^2/NDF: 20.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.016+/-0.101 χ^2/NDF: 1.0/4

0.086+/-0.101 χ^2/NDF: 20.7/6

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: -0.016+/-0.059 χ^2/NDF: 4.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

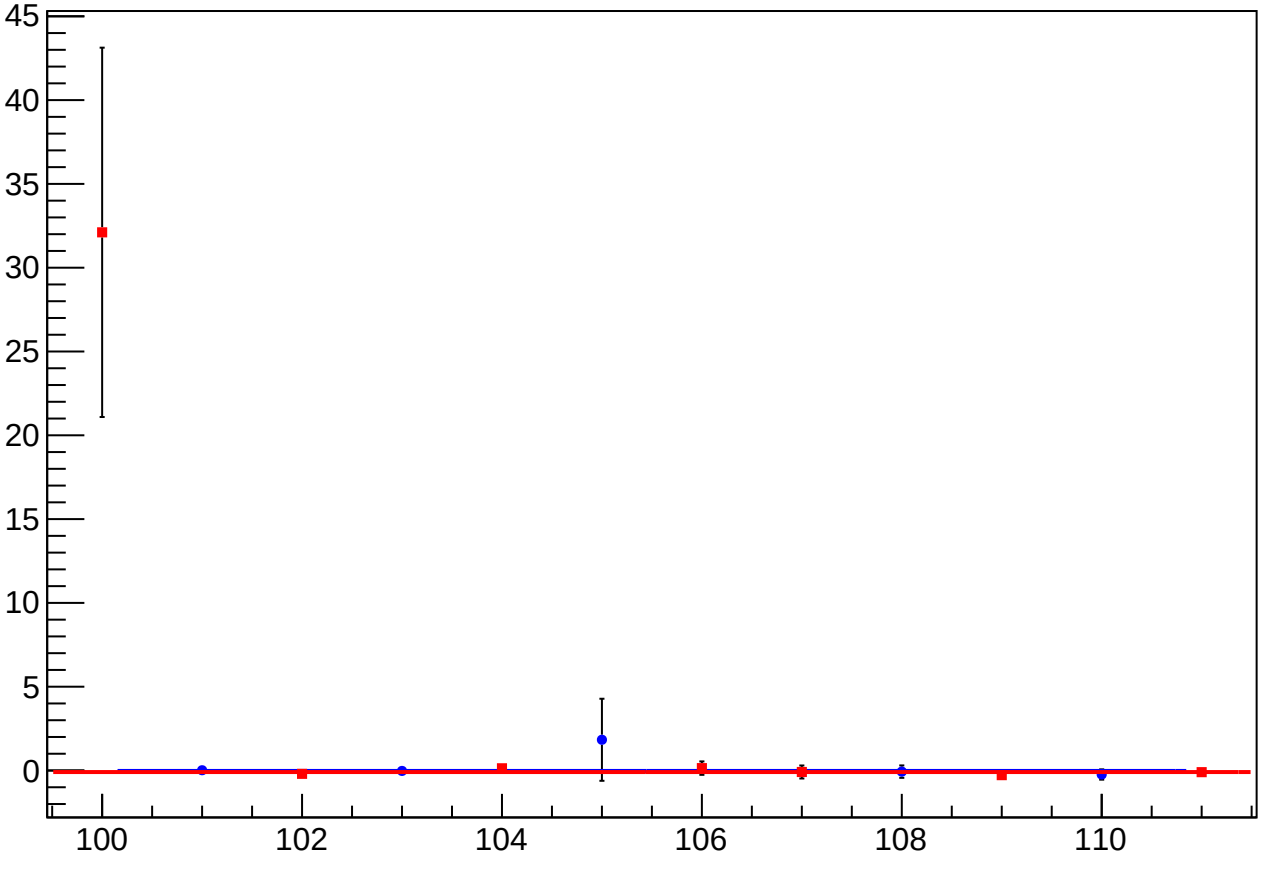
Right Out: -0.169+/-0.069 χ^2/NDF: 13.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.016+/-0.059 χ^2/NDF: 4.9/4

-0.169+/-0.069 χ^2/NDF: 13.1/6

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: -0.027+/-0.102 χ^2/NDF: 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

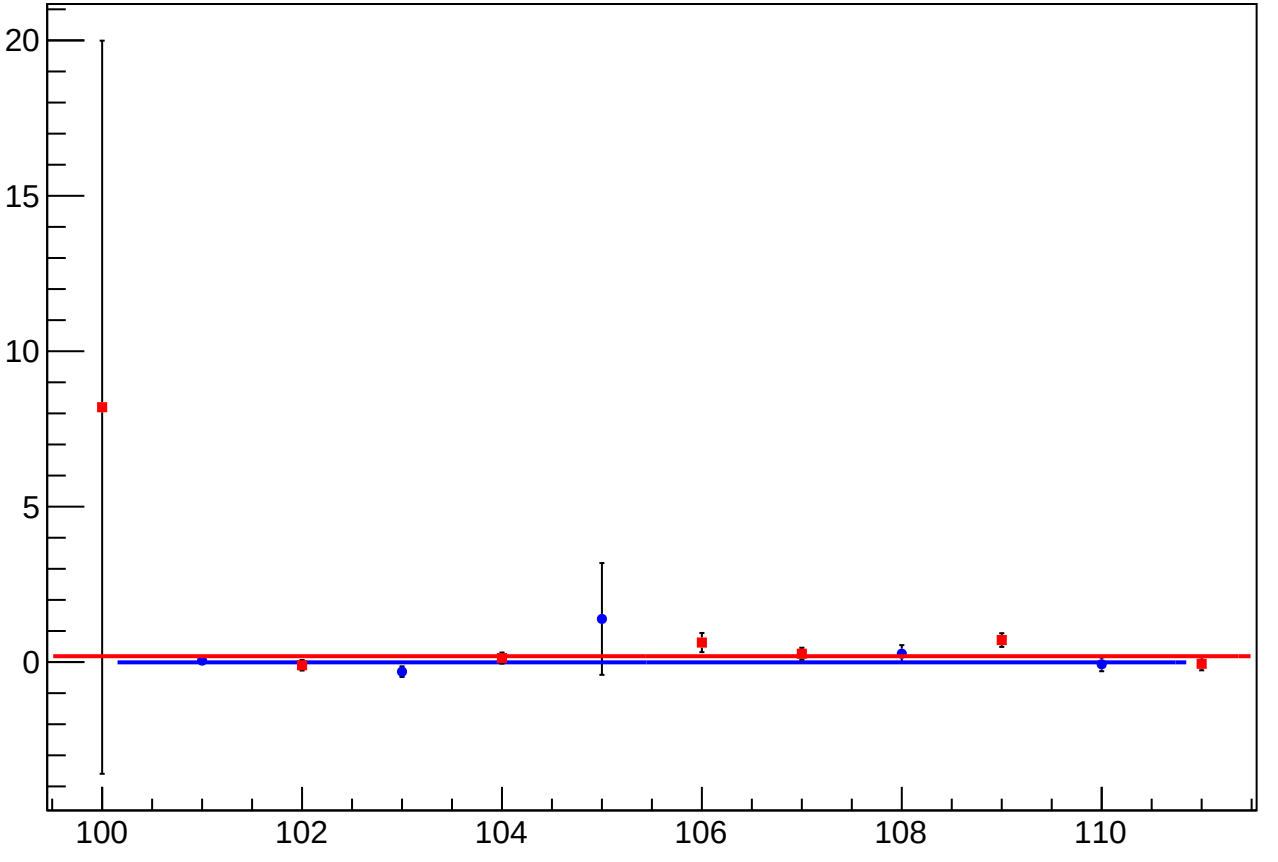
Right Out: -0.093+/-0.109 χ^2/NDF: 10.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.027+/-0.102 χ^2/NDF: 1.2/4

-0.093+/-0.109 χ^2/NDF: 10.6/6

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: -0.009+/-0.070 χ^2/NDF: 5.2/4

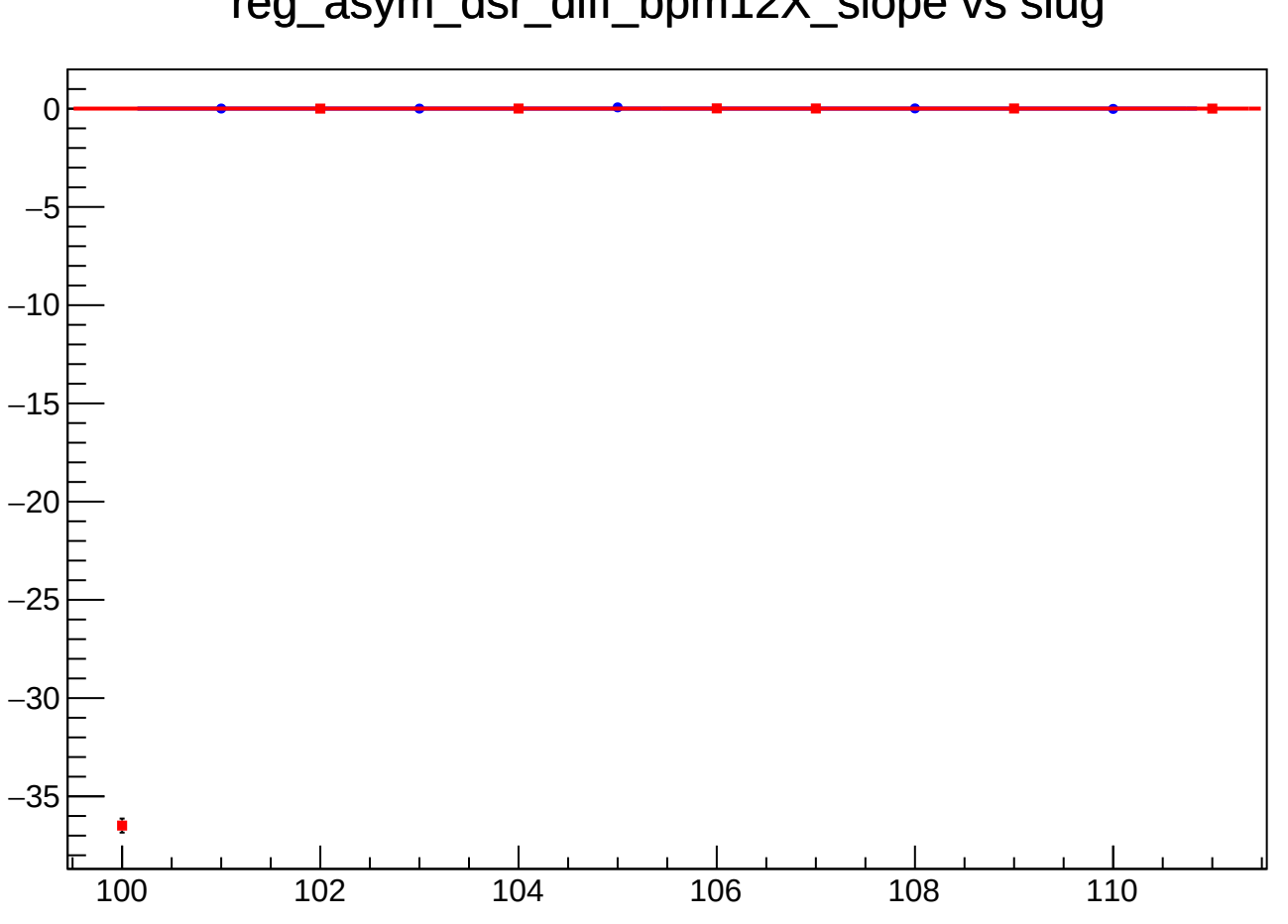
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.189+/-0.082 χ^2/NDF: 12.6/6

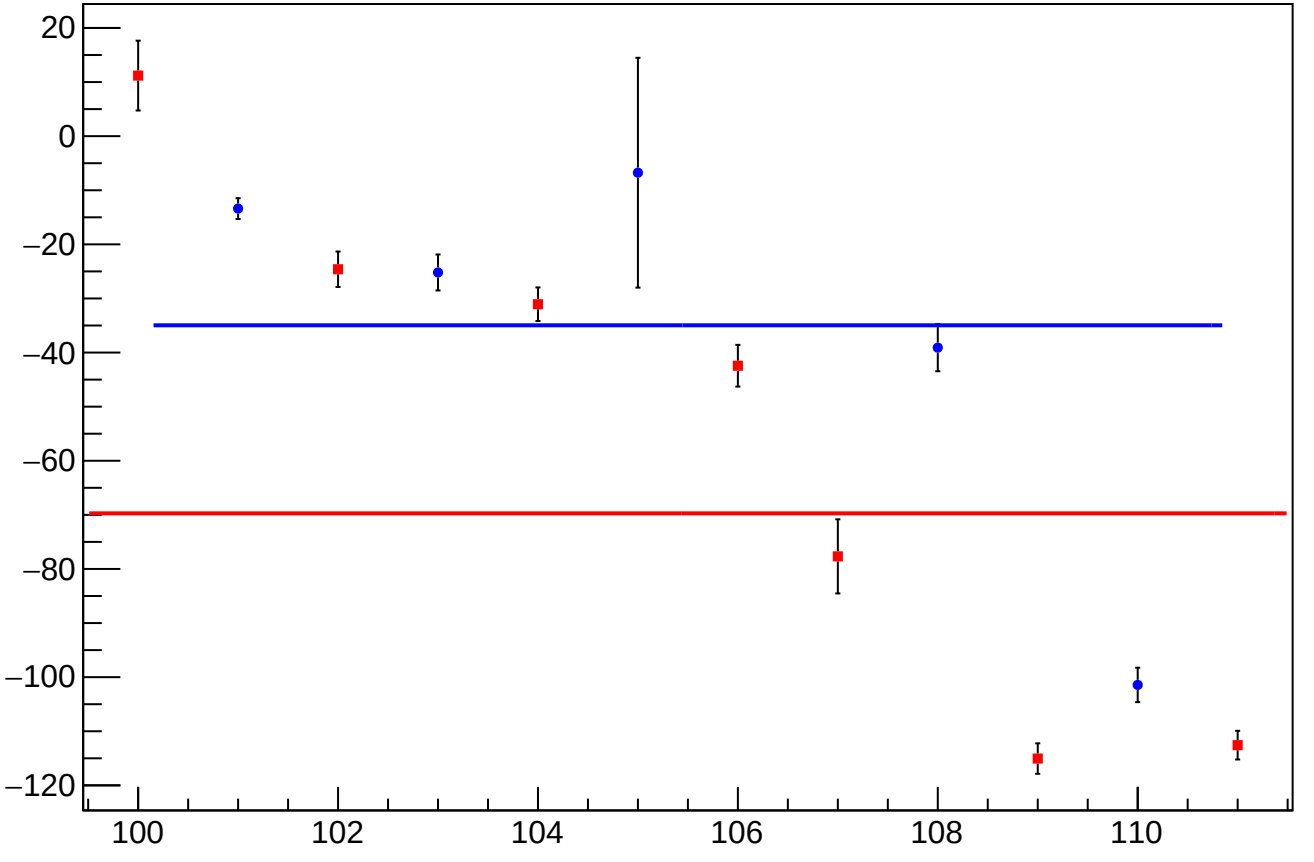
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.009+/-0.070 χ^2/NDF: 5.2/4

0.189+/-0.082 χ^2/NDF: 12.6/6


reg_asym_dsr_diff_bpm12X_slope vs slug
0
−5
−10
−15
−20
−25
−30
−35
100
102
104
106
108
110
Right In: 0.007+/-0.003 χ2/NDF: 3.0/4
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 0.006+/-0.003 χ2/NDF: 10432.8/6
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
0.007+/-0.003 χ2/NDF: 3.0/4
0.006+/-0.003 χ2/NDF: 10432.8/6

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -34.963+/-1.394 χ^2/NDF: 573.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

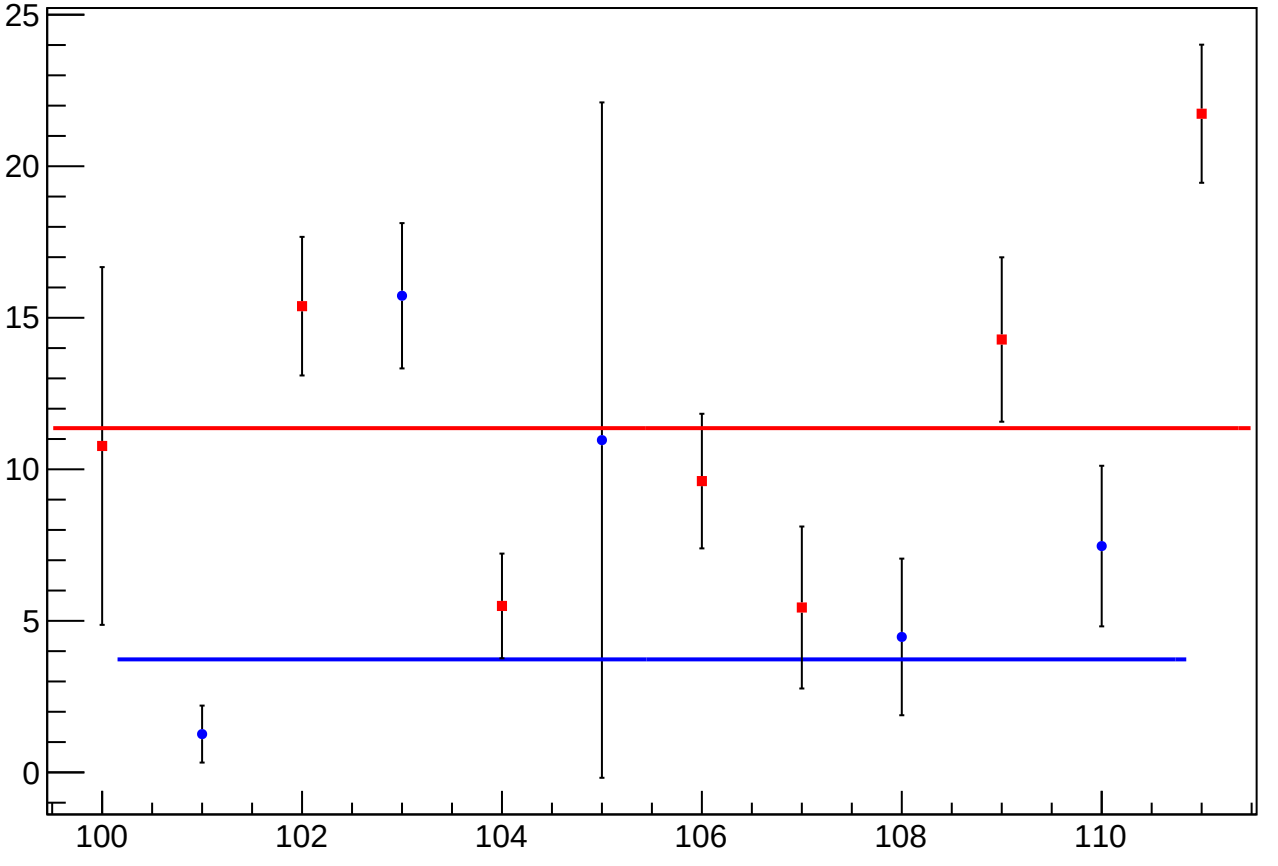
Right Out: -69.723+/-1.315 χ^2/NDF: 1073.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-34.963+/-1.394 χ^2/NDF: 573.6/4

-69.723+/-1.315 χ^2/NDF: 1073.6/6

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 3.729+/-0.789 χ^2/NDF: 34.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

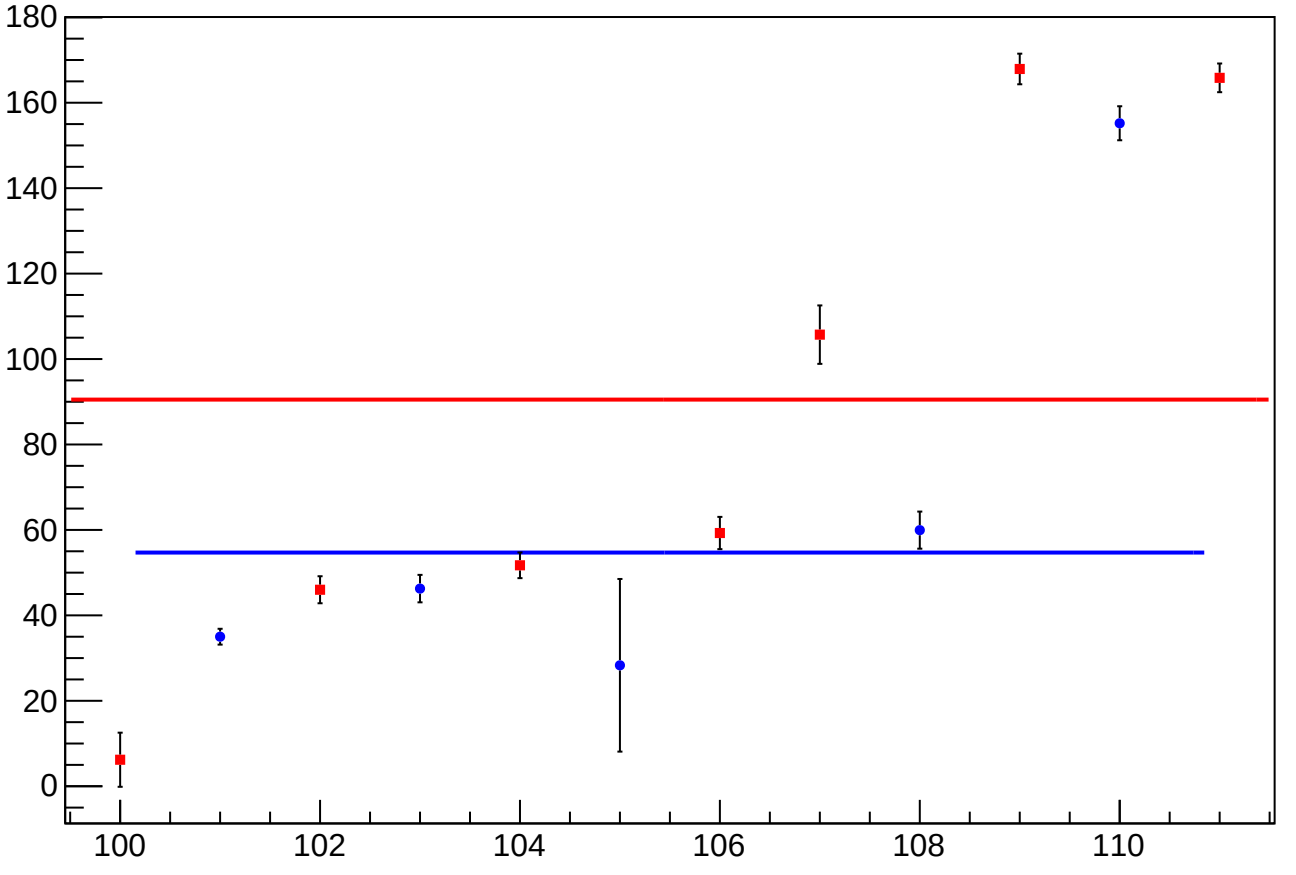
Right Out: 11.358+/-0.903 χ^2/NDF: 42.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3.729+/-0.789 χ^2/NDF: 34.4/4

11.358+/-0.903 χ^2/NDF: 42.1/6

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: 54.701+/-1.405 χ^2/NDF: 760.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

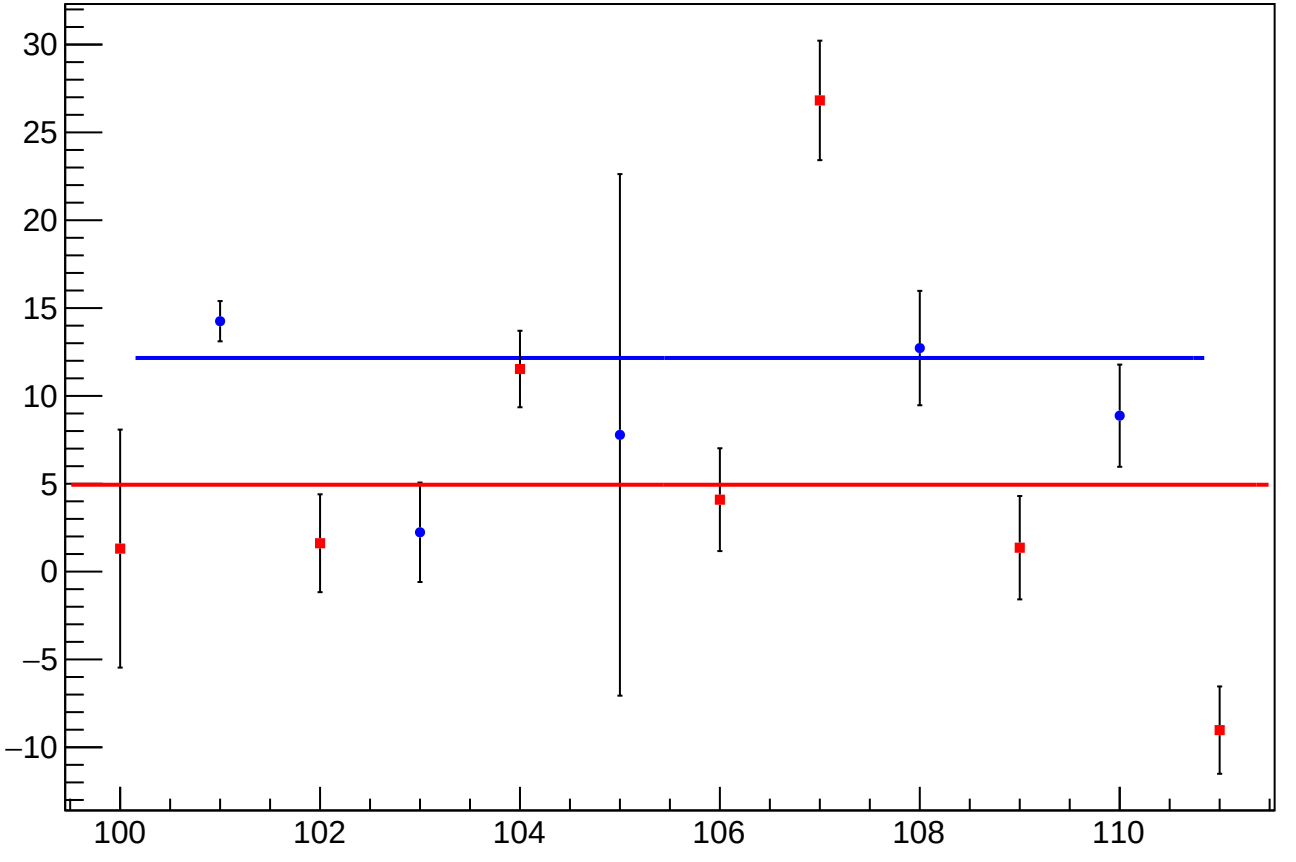
Right Out: 90.507+/-1.423 χ^2/NDF: 1584.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

54.701+/-1.405 χ^2/NDF: 760.5/4

90.507+/-1.423 χ^2/NDF: 1584.9/6

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 12.160+/-0.952 χ^2/NDF: 17.0/4

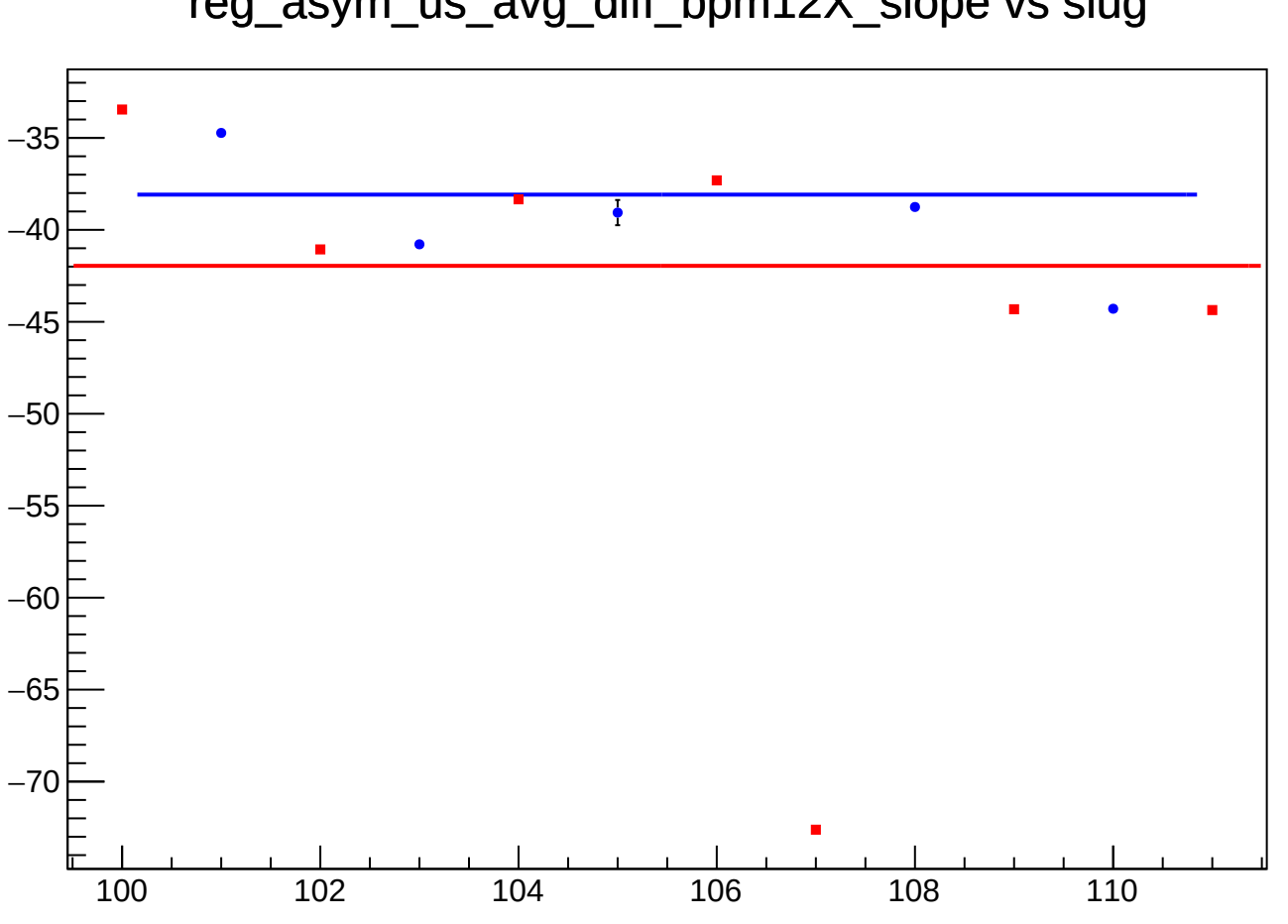
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.944+/-1.090 χ^2/NDF: 85.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12.160+/-0.952 χ^2/NDF: 17.0/4

4.944+/-1.090 χ^2/NDF: 85.4/6



Right In: -38.084+/-0.043 χ^2/NDF: 5009.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

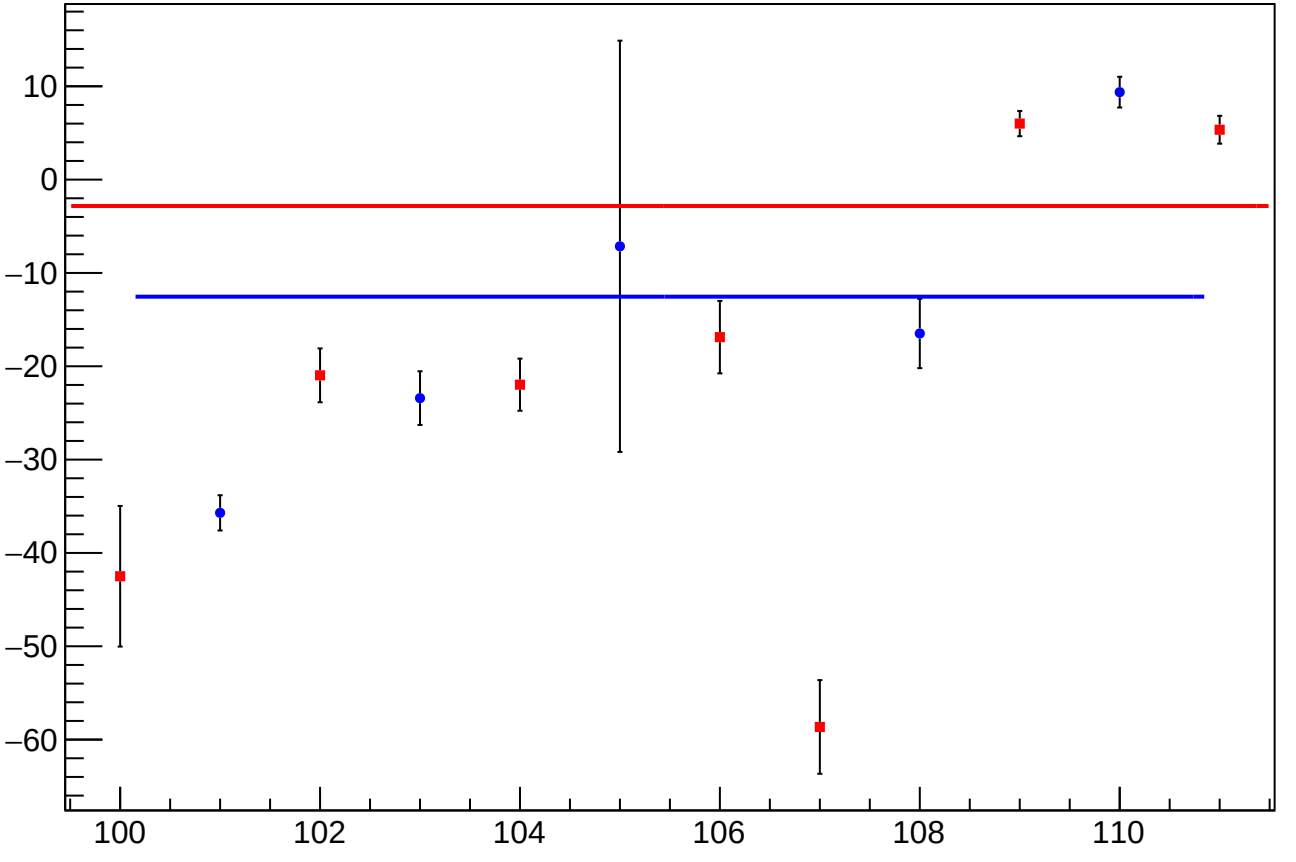
Right Out: -41.957+/-0.041 χ^2/NDF: 44801.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-38.084+/-0.043 χ^2/NDF: 5009.1/4

-41.957+/-0.041 χ^2/NDF: 44801.1/6

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: -12.542+/-1.088 χ^2/NDF: 343.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

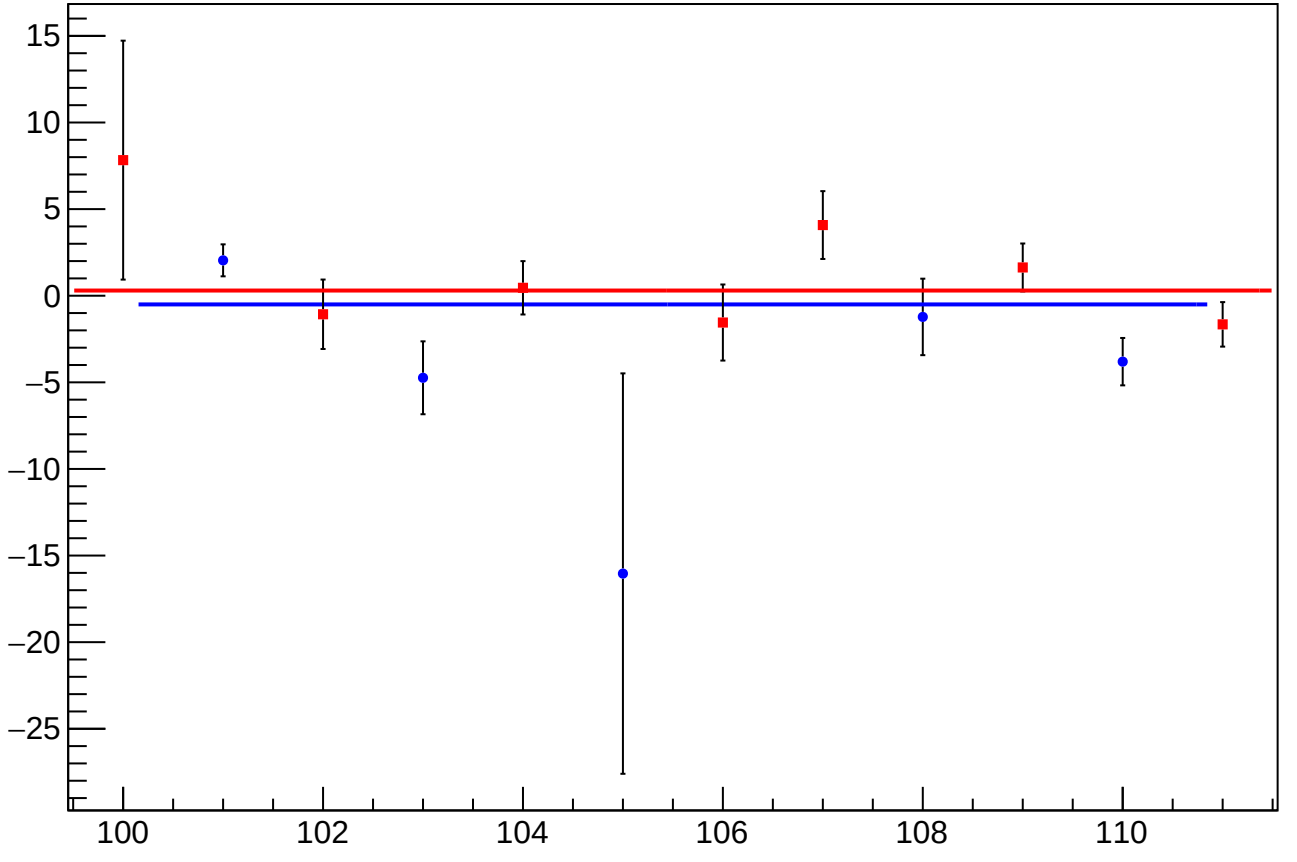
Right Out: -2.829+/-0.856 χ^2/NDF: 323.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-12.542+/-1.088 χ^2/NDF: 343.1/4

-2.829+/-0.856 χ^2/NDF: 323.6/6

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -0.502+/-0.683 χ^2/NDF: 19.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

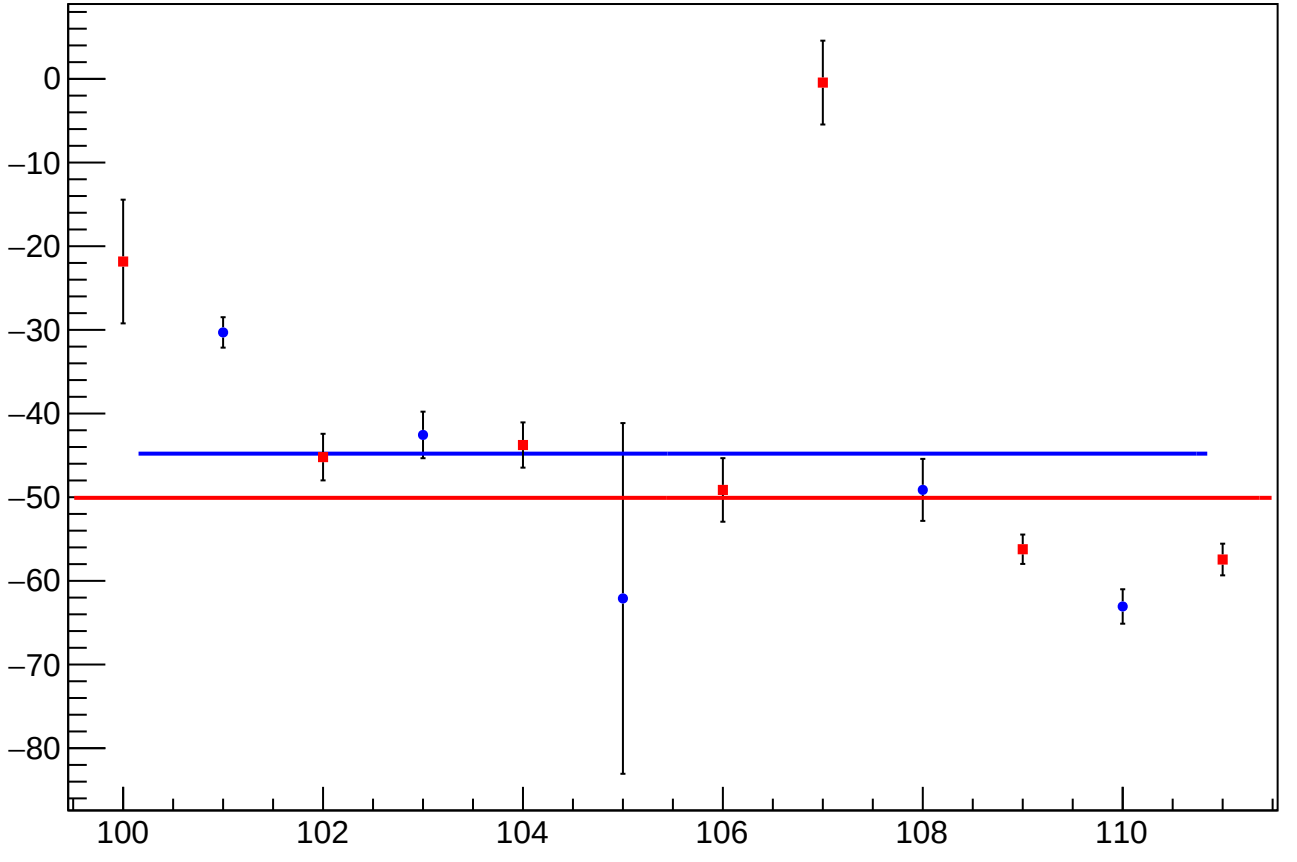
Right Out: 0.299+/-0.661 χ^2/NDF: 9.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.502+/-0.683 χ^2/NDF: 19.4/4

0.299+/-0.661 χ^2/NDF: 9.3/6

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -44.793+/-1.160 χ^2/NDF: 144.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

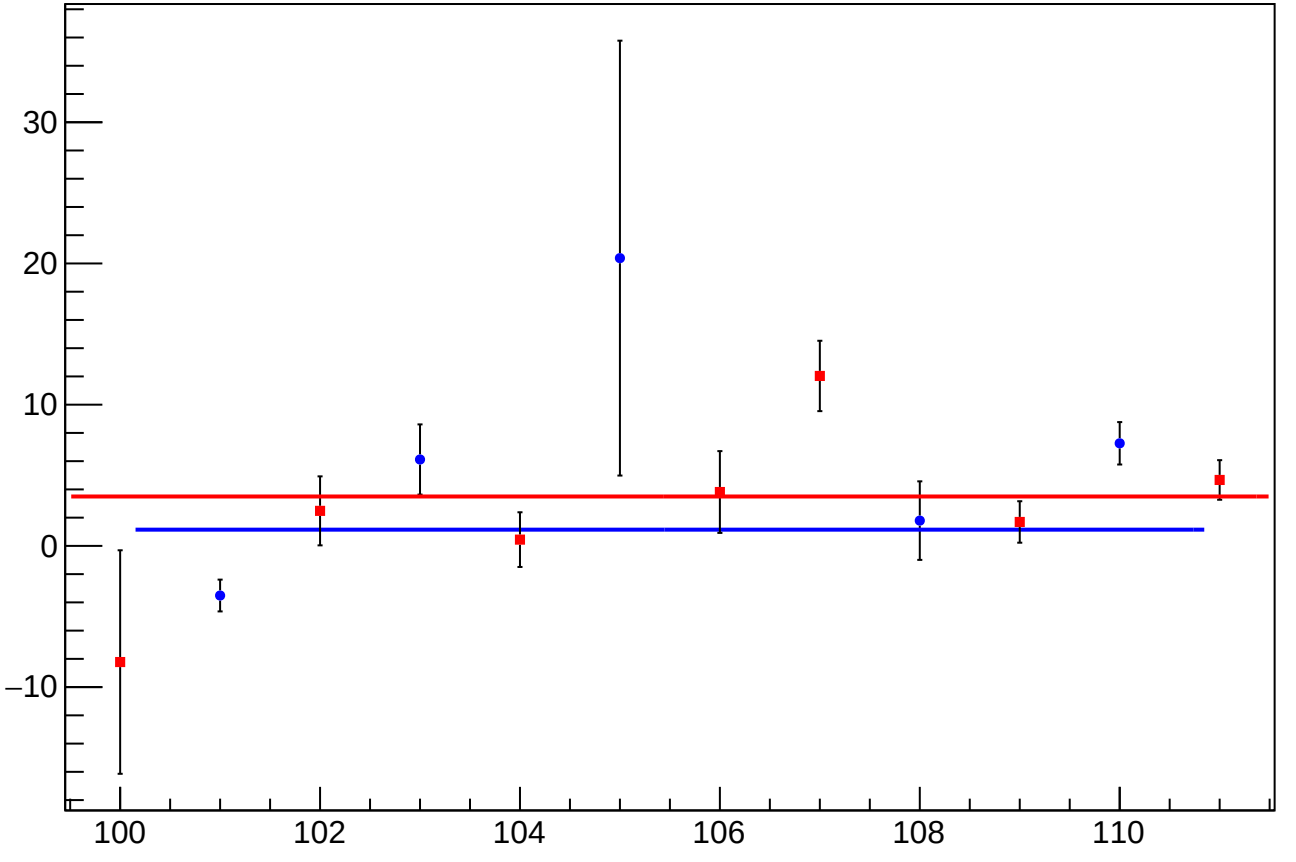
Right Out: -50.077+/-1.002 χ^2/NDF: 148.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-44.793+/-1.160 χ^2/NDF: 144.9/4

-50.077+/-1.002 χ^2/NDF: 148.7/6

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 1.150+/-0.809 χ^2/NDF: 39.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

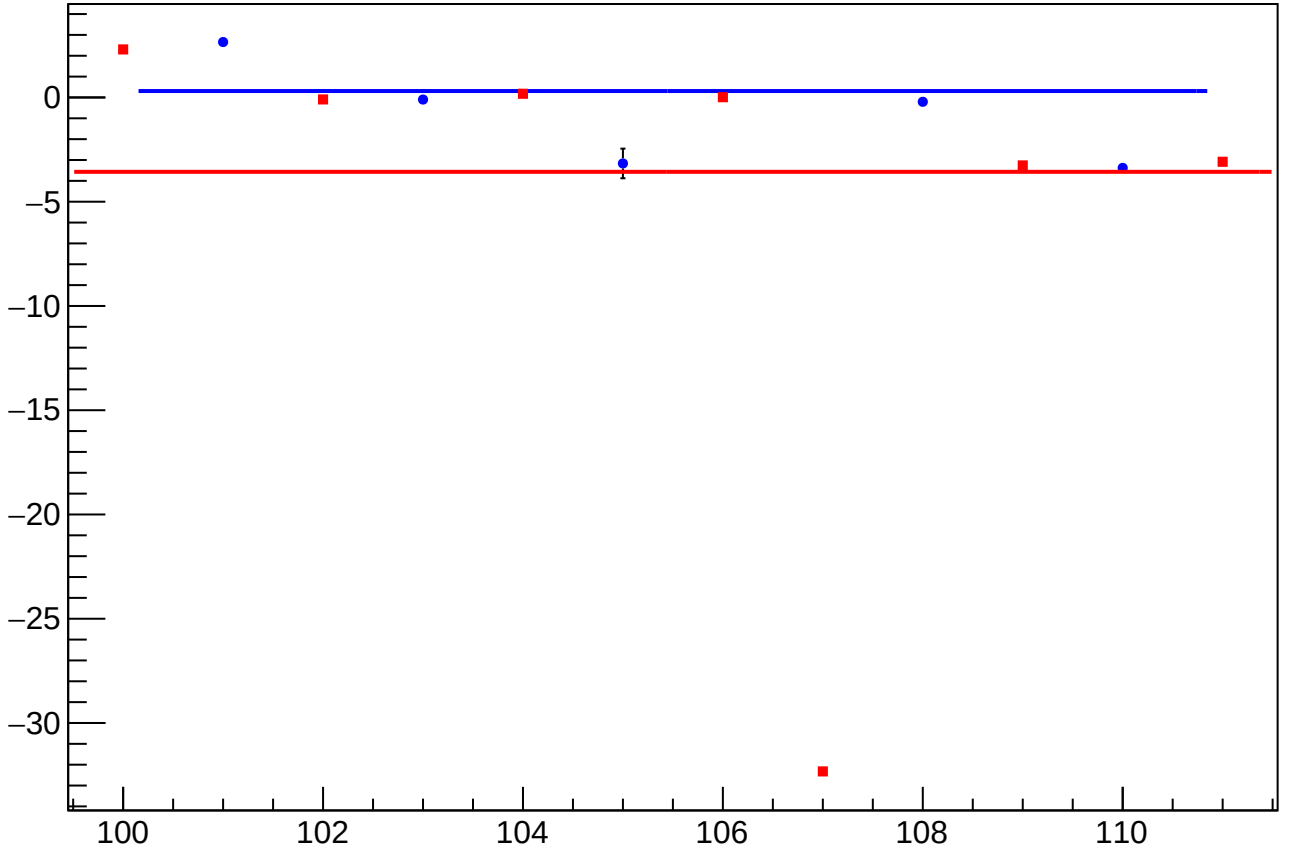
Right Out: 3.499+/-0.766 χ^2/NDF: 18.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.150+/-0.809 χ^2/NDF: 39.3/4

3.499+/-0.766 χ^2/NDF: 18.8/6

reg_asym_us_dd_diff_bpm12X_slope vs slug



Right In: 0.308+/-0.037 χ^2/NDF: 2740.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

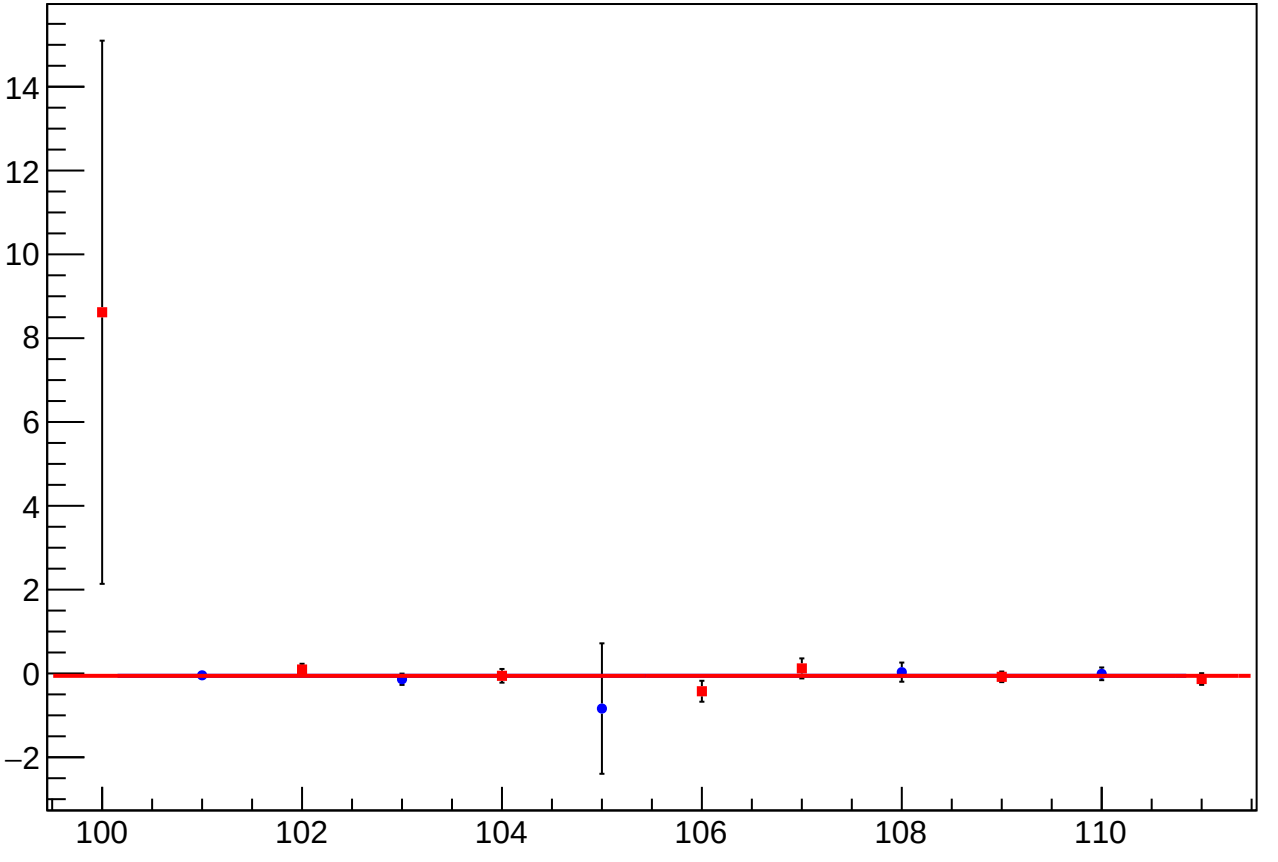
Right Out: -3.567+/-0.033 χ^2/NDF: 70178.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.308+/-0.037 χ^2/NDF: 2740.8/4

-3.567+/-0.033 χ^2/NDF: 70178.1/6

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -0.056+/-0.067 χ^2/NDF: 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

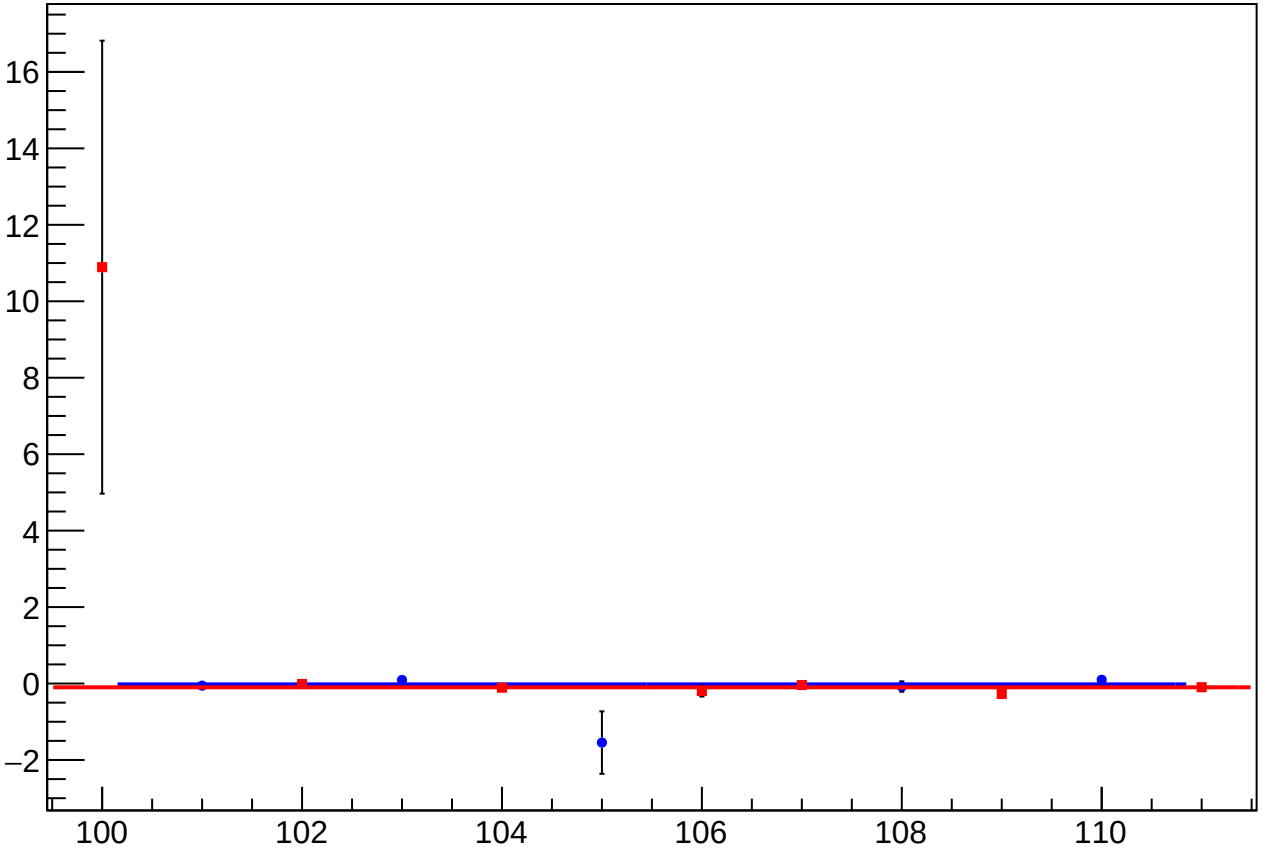
Right Out: -0.057+/-0.065 χ^2/NDF: 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.056+/-0.067 χ^2/NDF: 0.9/4

-0.057+/-0.065 χ^2/NDF: 6.1/6

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: -0.022+/-0.039 χ^2/NDF: 6.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

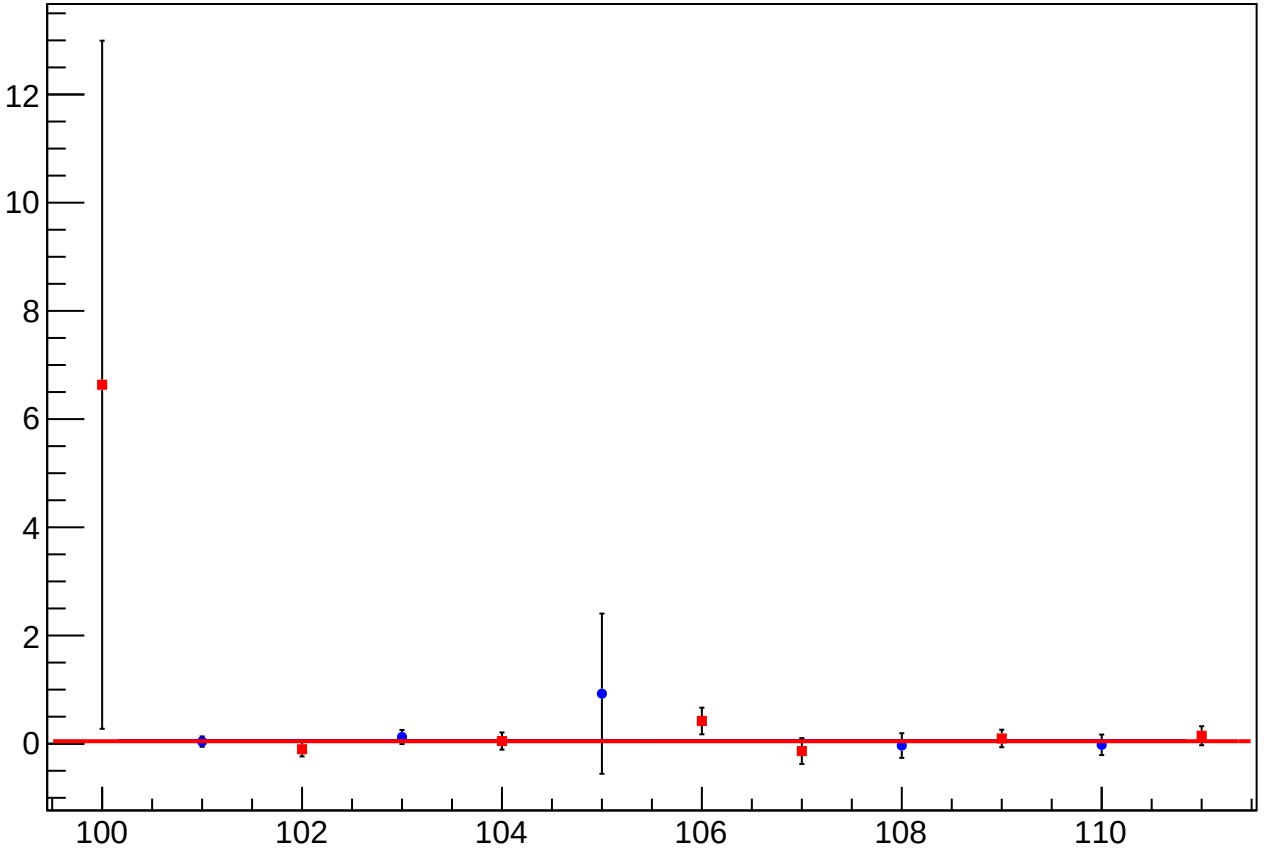
Right Out: -0.099+/-0.044 χ^2/NDF: 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.022+/-0.039 χ^2/NDF: 6.4/4

-0.099+/-0.044 χ^2/NDF: 7.0/6

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: 0.050+/-0.068 χ^2/NDF: 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

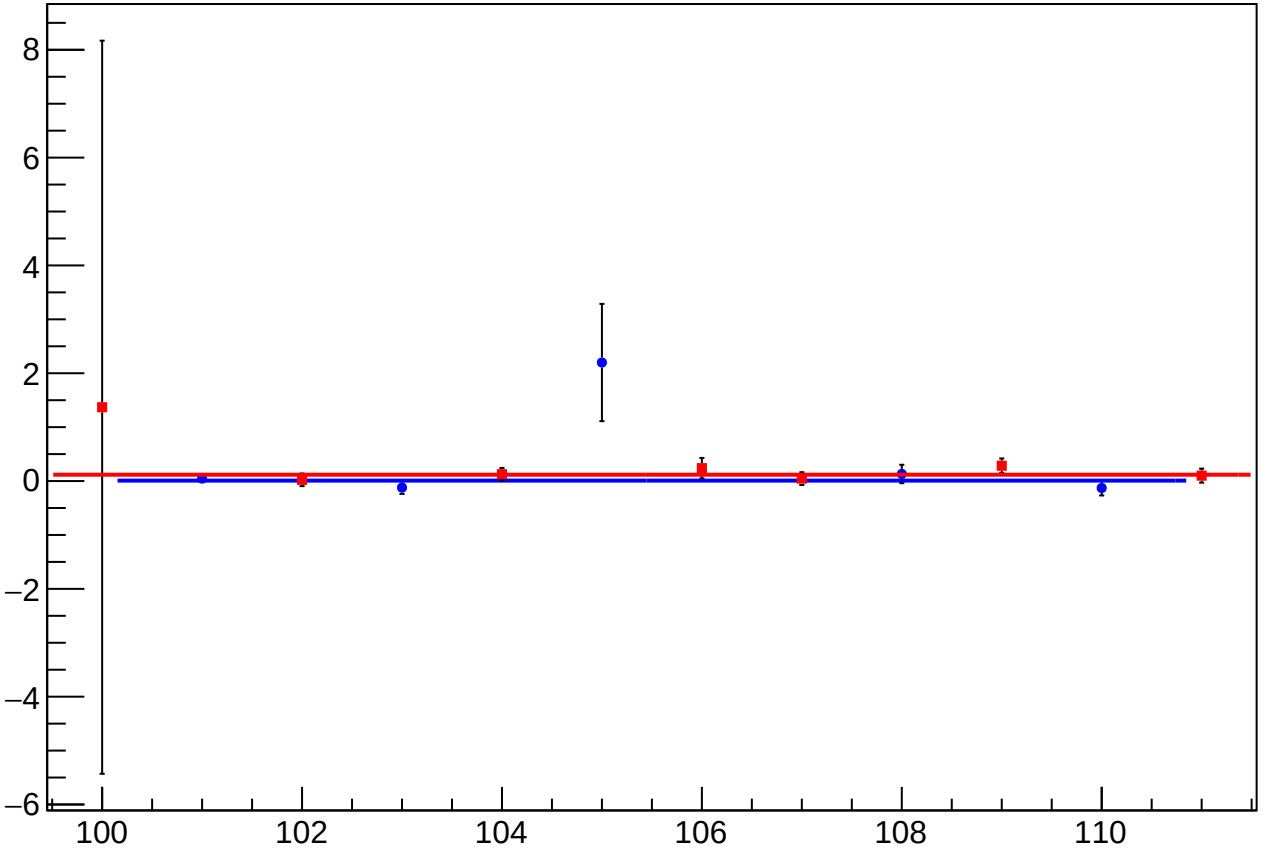
Right Out: 0.047+/-0.070 χ^2/NDF: 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.050+/-0.068 χ^2/NDF: 1.0/4

0.047+/-0.070 χ^2/NDF: 5.6/6

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 0.008+/-0.047 χ^2/NDF: 7.2/4

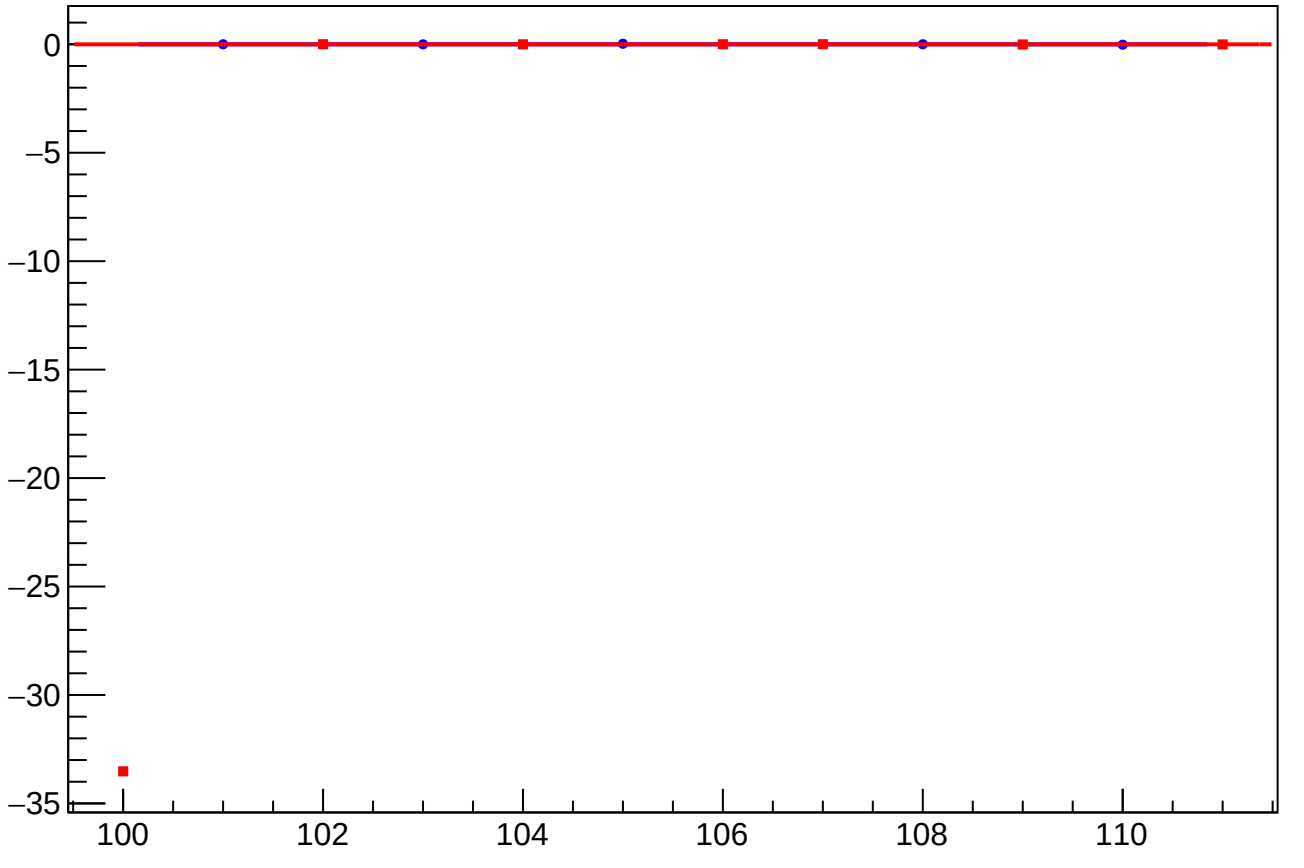
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.118+/-0.053 χ^2/NDF: 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.008+/-0.047 χ^2/NDF: 7.2/4

0.118+/-0.053 χ^2/NDF: 3.0/6



Right In: -0.001+/-0.002 χ^2/NDF: 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

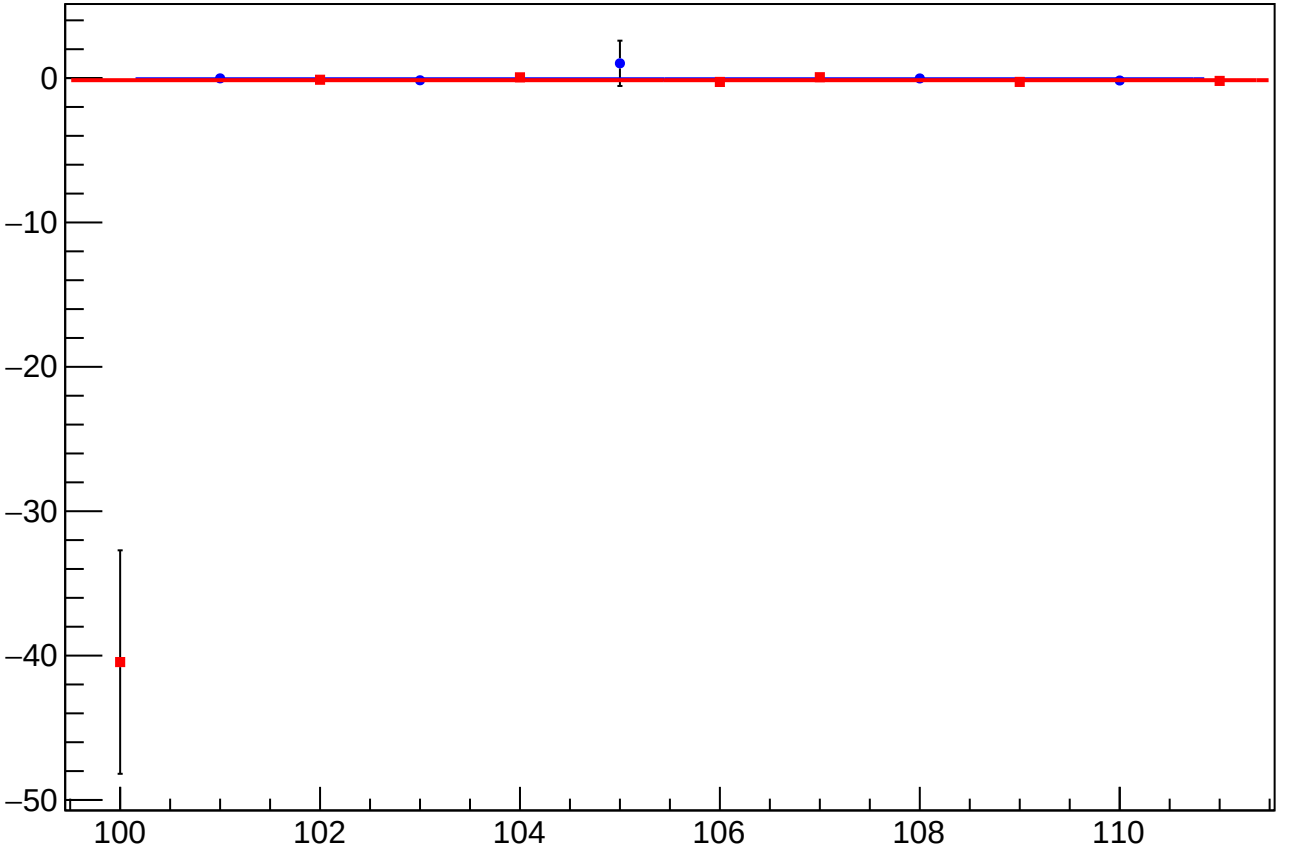
Right Out: -0.003+/-0.002 χ^2/NDF: 26495.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.001+/-0.002 χ^2/NDF: 4.5/4

-0.003+/-0.002 χ^2/NDF: 26495.1/6

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.080+/-0.067 χ^2/NDF: 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

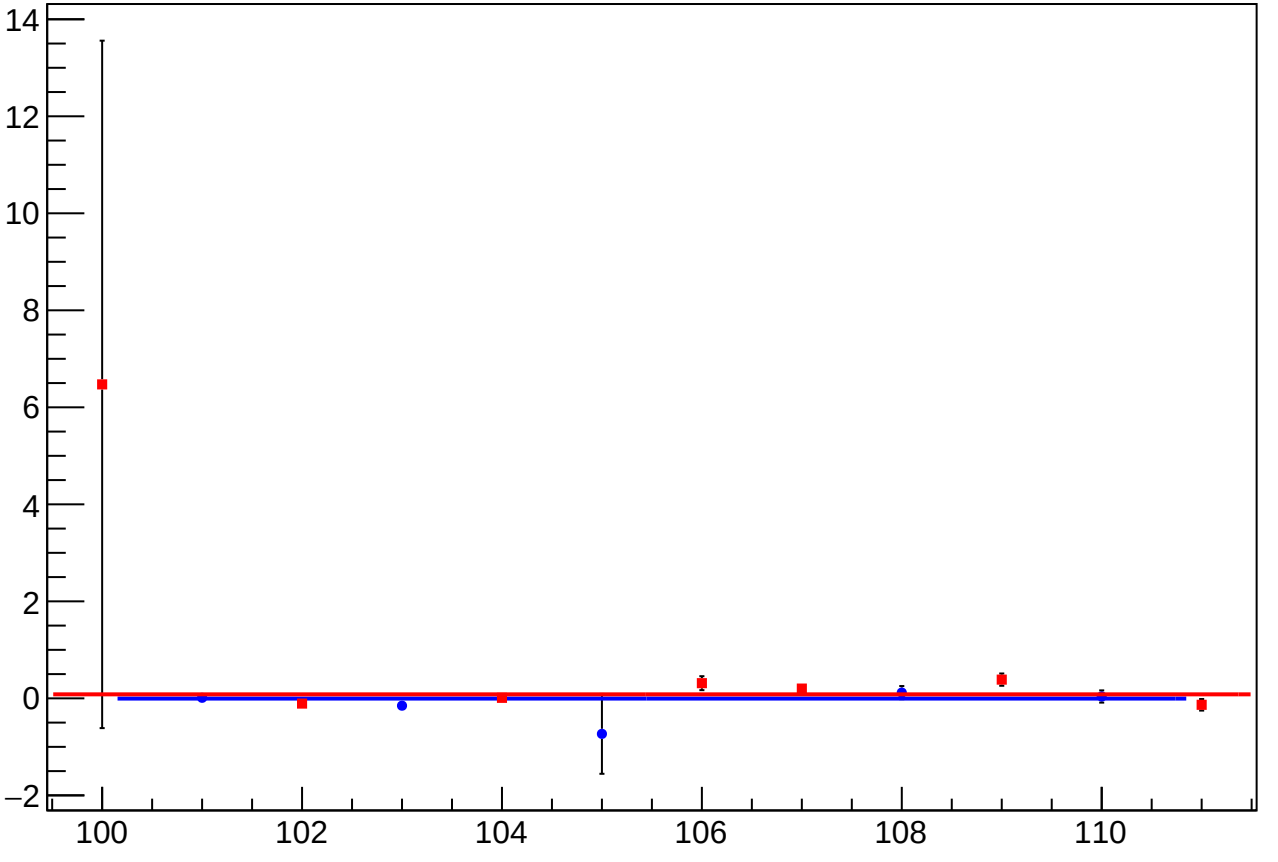
Right Out: -0.146+/-0.065 χ^2/NDF: 30.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.080+/-0.067 χ^2/NDF: 1.5/4

-0.146+/-0.065 χ^2/NDF: 30.6/6

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.005+/-0.039 χ^2/NDF: 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

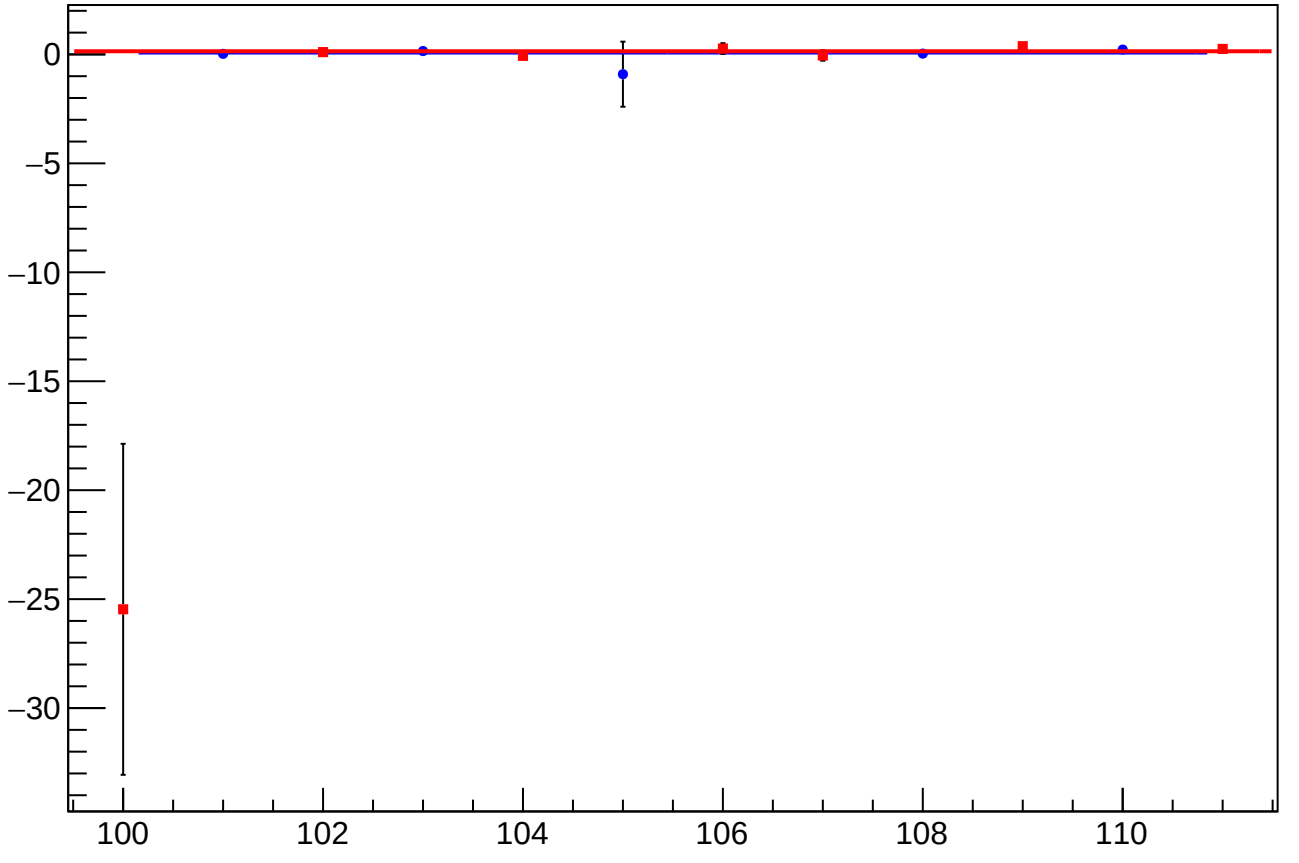
Right Out: 0.083+/-0.044 χ^2/NDF: 18.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.005+/-0.039 χ^2/NDF: 4.1/4

0.083+/-0.044 χ^2/NDF: 18.6/6

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.085+/-0.068 χ^2/NDF: 1.7/4

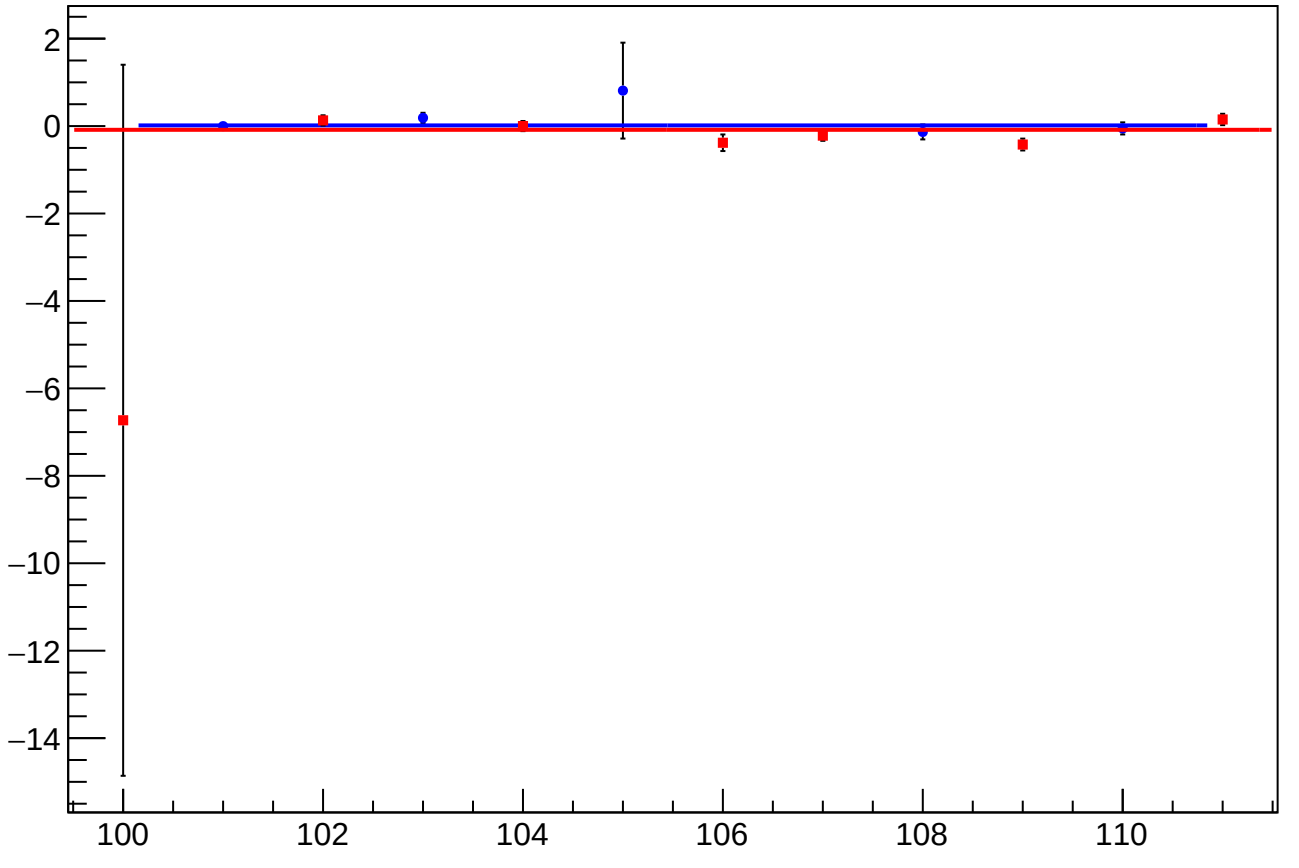
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.144+/-0.070 χ^2/NDF: 16.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.085+/-0.068 χ^2/NDF: 1.7/4

0.144+/-0.070 χ^2/NDF: 16.6/6



Right In: 0.015+/-0.047 χ^2/NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

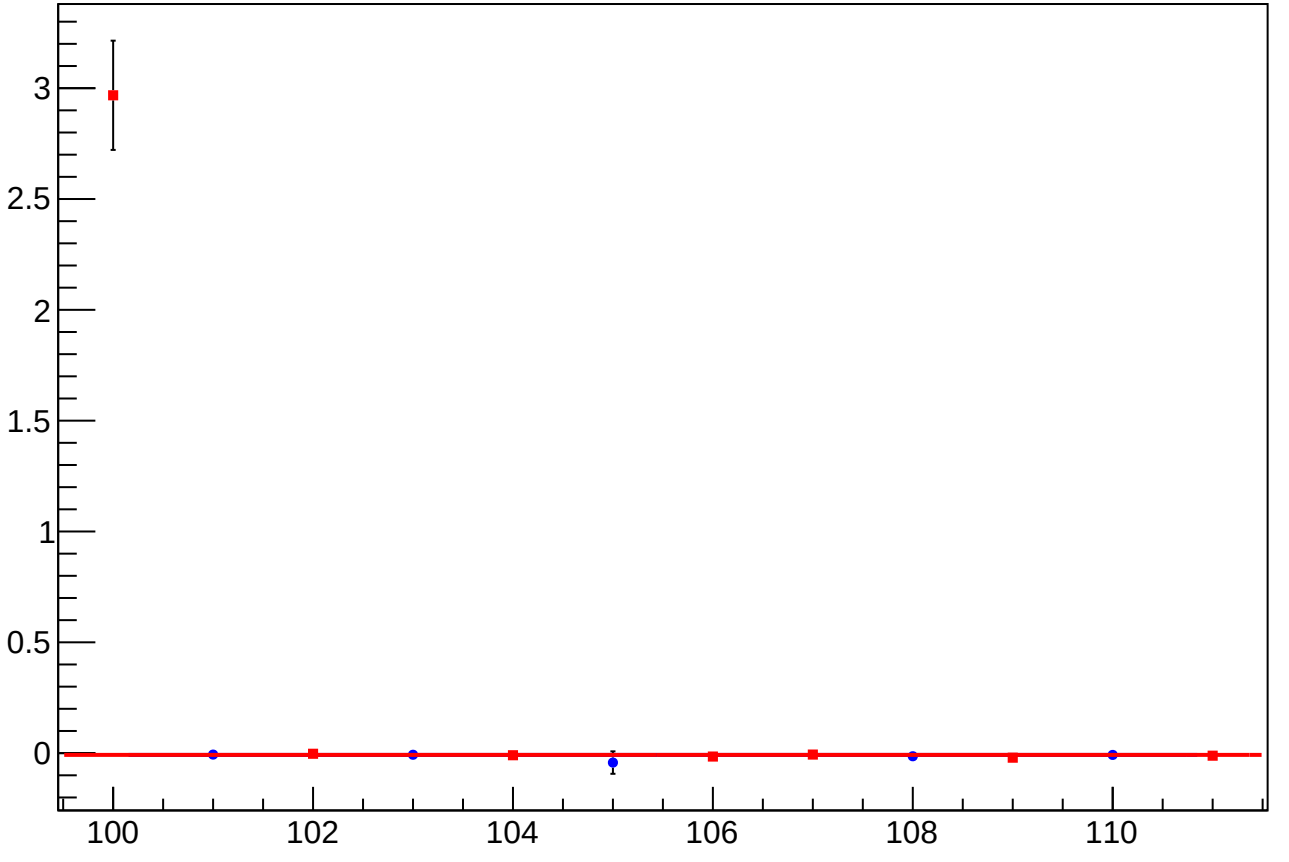
Right Out: -0.086+/-0.053 χ^2/NDF: 17.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.015+/-0.047 χ^2/NDF: 3.8/4

-0.086+/-0.053 χ^2/NDF: 17.8/6

reg_asym_ds_dd_diff_bpm12X_slope vs slug



Right In: -0.008+/-0.002 χ^2/NDF: 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

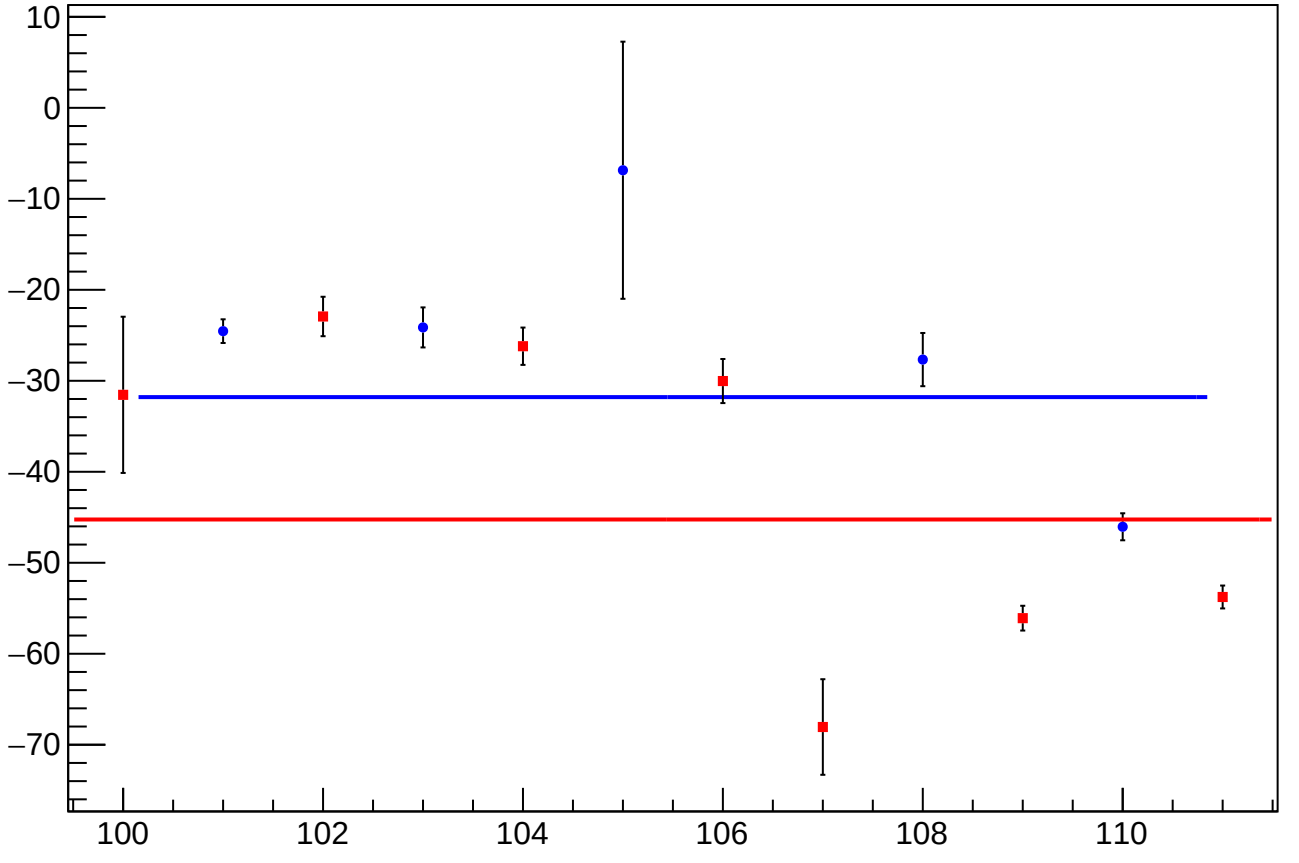
Right Out: -0.008+/-0.002 χ^2/NDF: 153.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.008+/-0.002 χ^2/NDF: 2.1/4

-0.008+/-0.002 χ^2/NDF: 153.8/6

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: -31.793+/-0.854 χ^2/NDF: 140.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

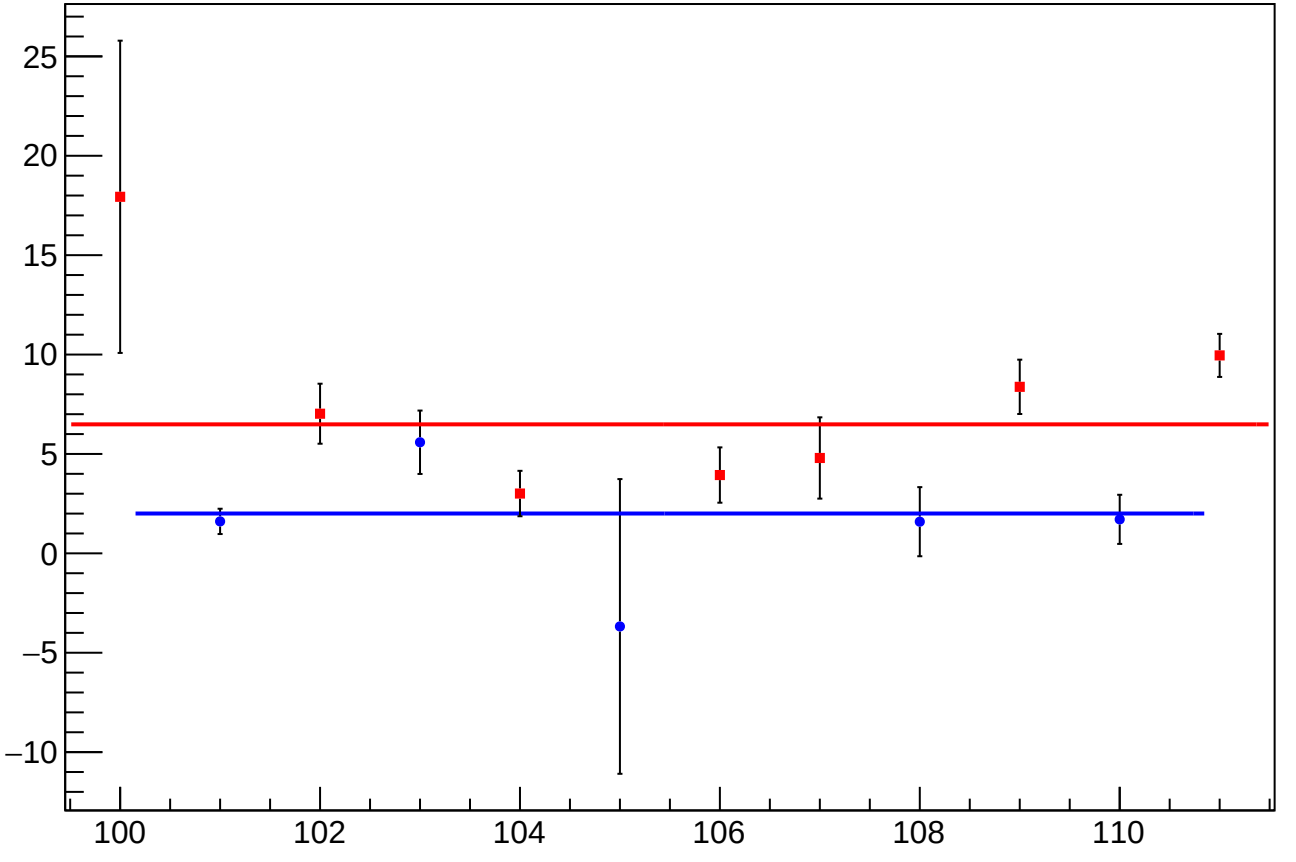
Right Out: -45.244+/-0.737 χ^2/NDF: 362.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-31.793+/-0.854 χ^2/NDF: 140.4/4

-45.244+/-0.737 χ^2/NDF: 362.3/6

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 2.004+/-0.509 χ^2/NDF: 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

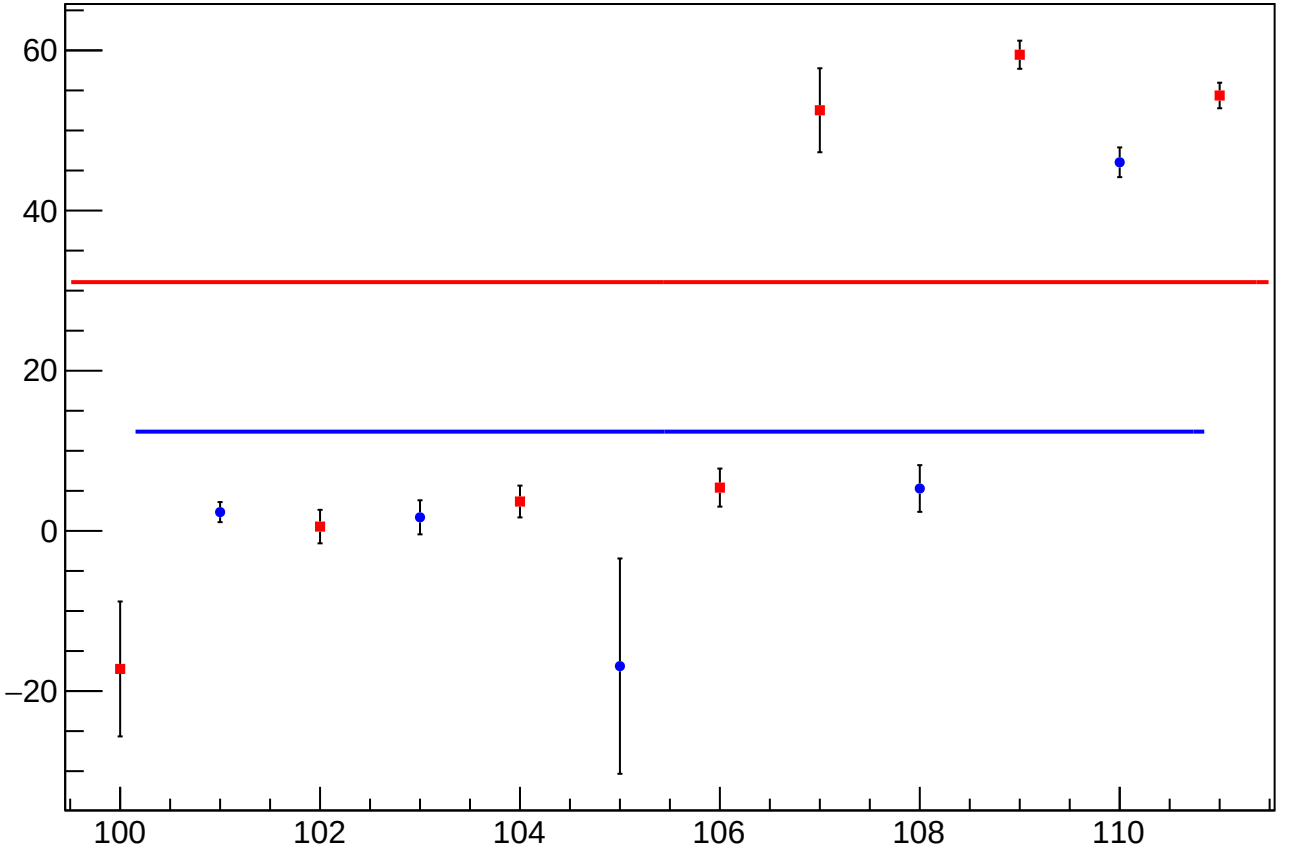
Right Out: 6.489+/-0.545 χ^2/NDF: 27.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.004+/-0.509 χ^2/NDF: 6.1/4

6.489+/-0.545 χ^2/NDF: 27.7/6

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: 12.395+/-0.887 χ^2/NDF: 428.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

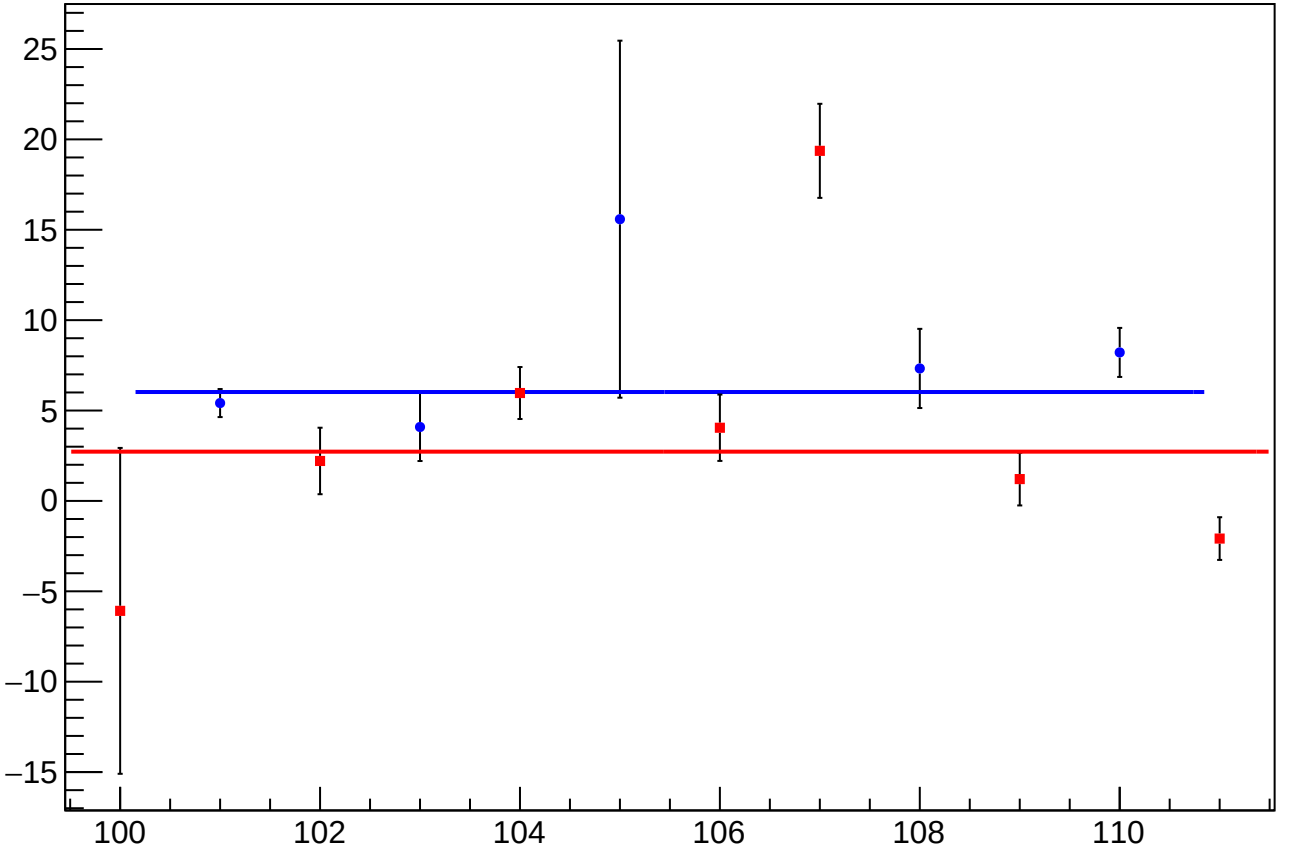
Right Out: 31.062+/-0.837 χ^2/NDF: 1044.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12.395+/-0.887 χ^2/NDF: 428.0/4

31.062+/-0.837 χ^2/NDF: 1044.1/6

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 6.025+/-0.608 χ^2/NDF: 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

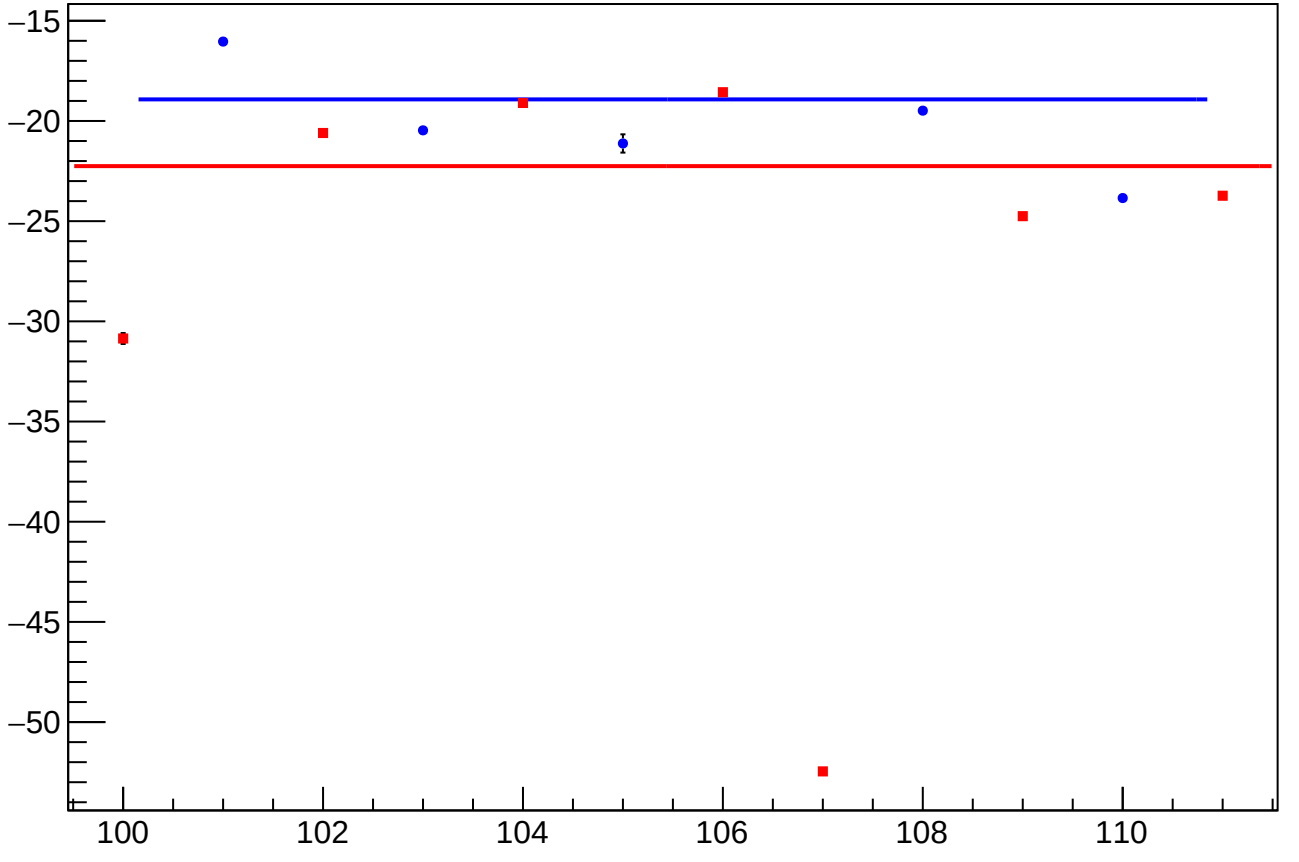
Right Out: 2.725+/-0.642 χ^2/NDF: 65.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.025+/-0.608 χ^2/NDF: 5.6/4

2.725+/-0.642 χ^2/NDF: 65.2/6

reg_asym_left_avg_diff_bpm12X_slope vs slug



Right In: -18.923+/-0.028 χ^2/NDF: 8194.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

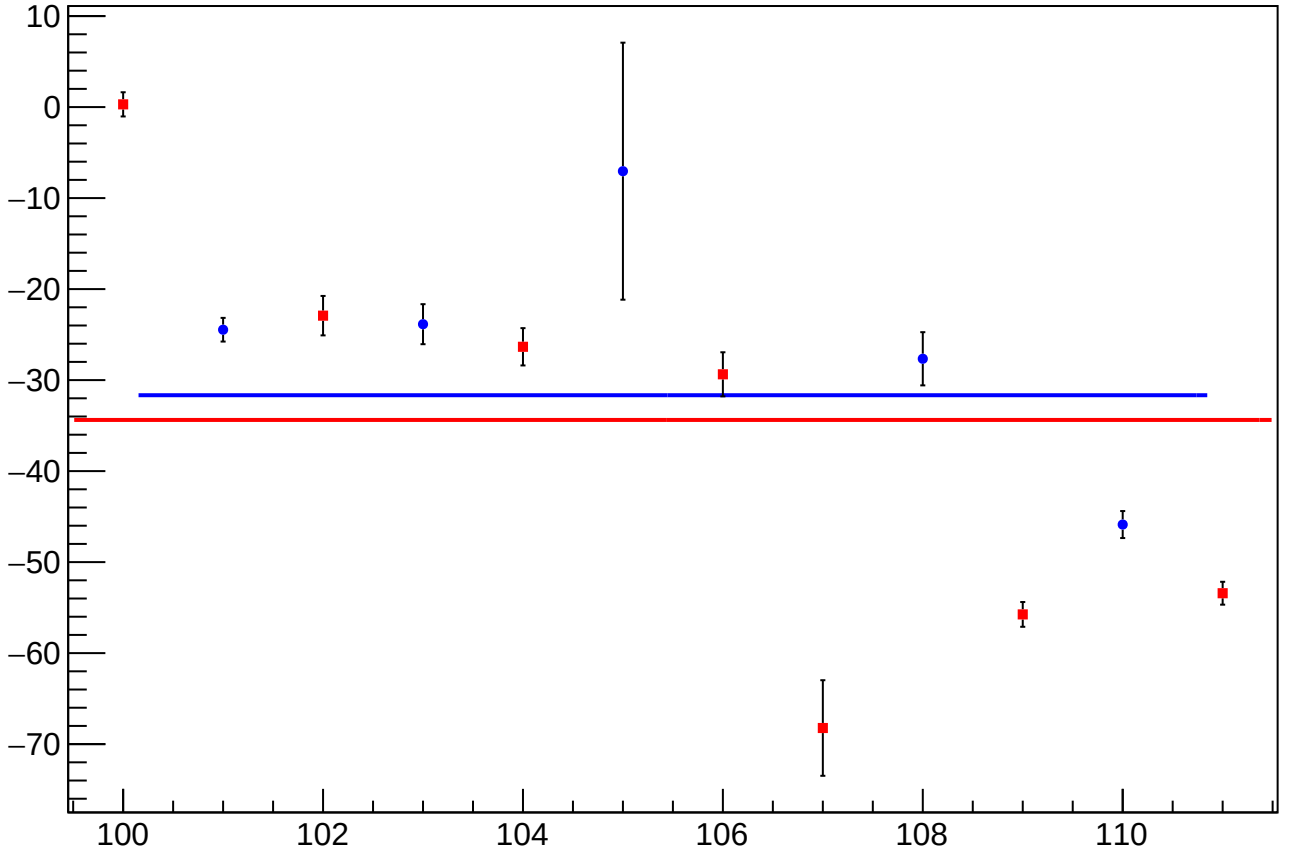
Right Out: -22.253+/-0.026 χ^2/NDF: 73852.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-18.923+/-0.028 χ^2/NDF: 8194.0/4

-22.253+/-0.026 χ^2/NDF: 73852.3/6

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -31.661+/-0.853 χ^2/NDF: 139.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

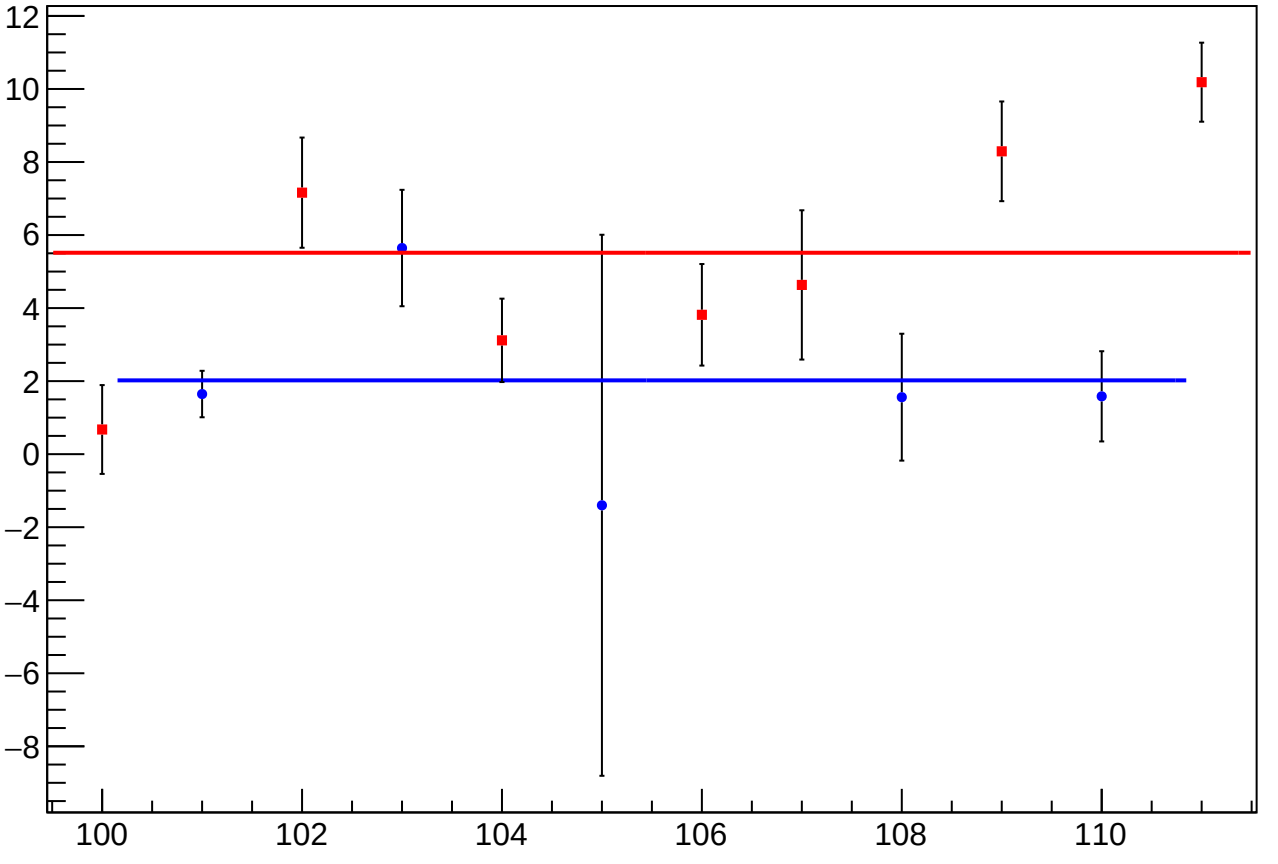
Right Out: -34.378+/-0.646 χ^2/NDF: 1245.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-31.661+/-0.853 χ^2/NDF: 139.9/4

-34.378+/-0.646 χ^2/NDF: 1245.1/6

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 2.021+/-0.508 χ^2/NDF: 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

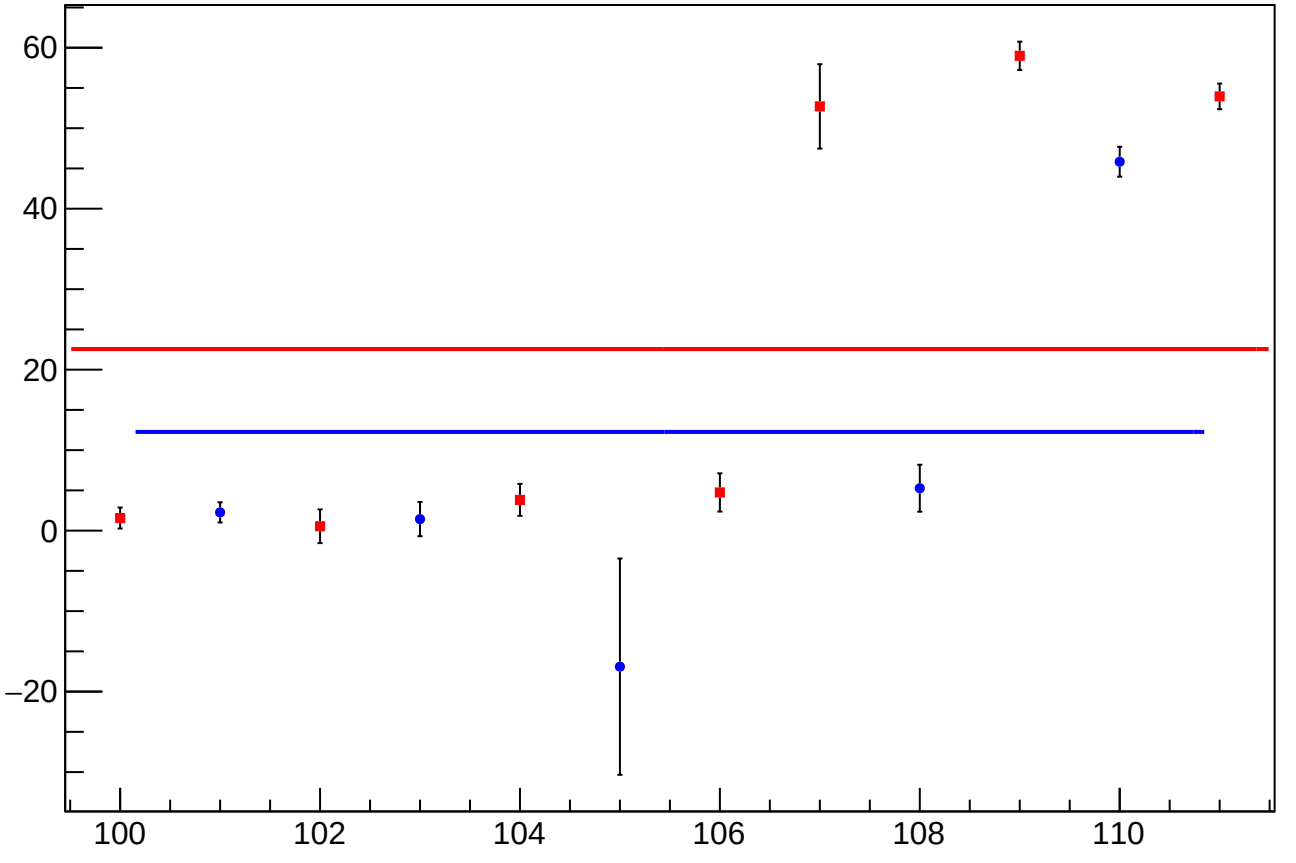
Right Out: 5.515+/-0.498 χ^2/NDF: 45.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.021+/-0.508 χ^2/NDF: 5.9/4

5.515+/-0.498 χ^2/NDF: 45.9/6

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 12.265+/-0.887 χ^2/NDF: 427.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

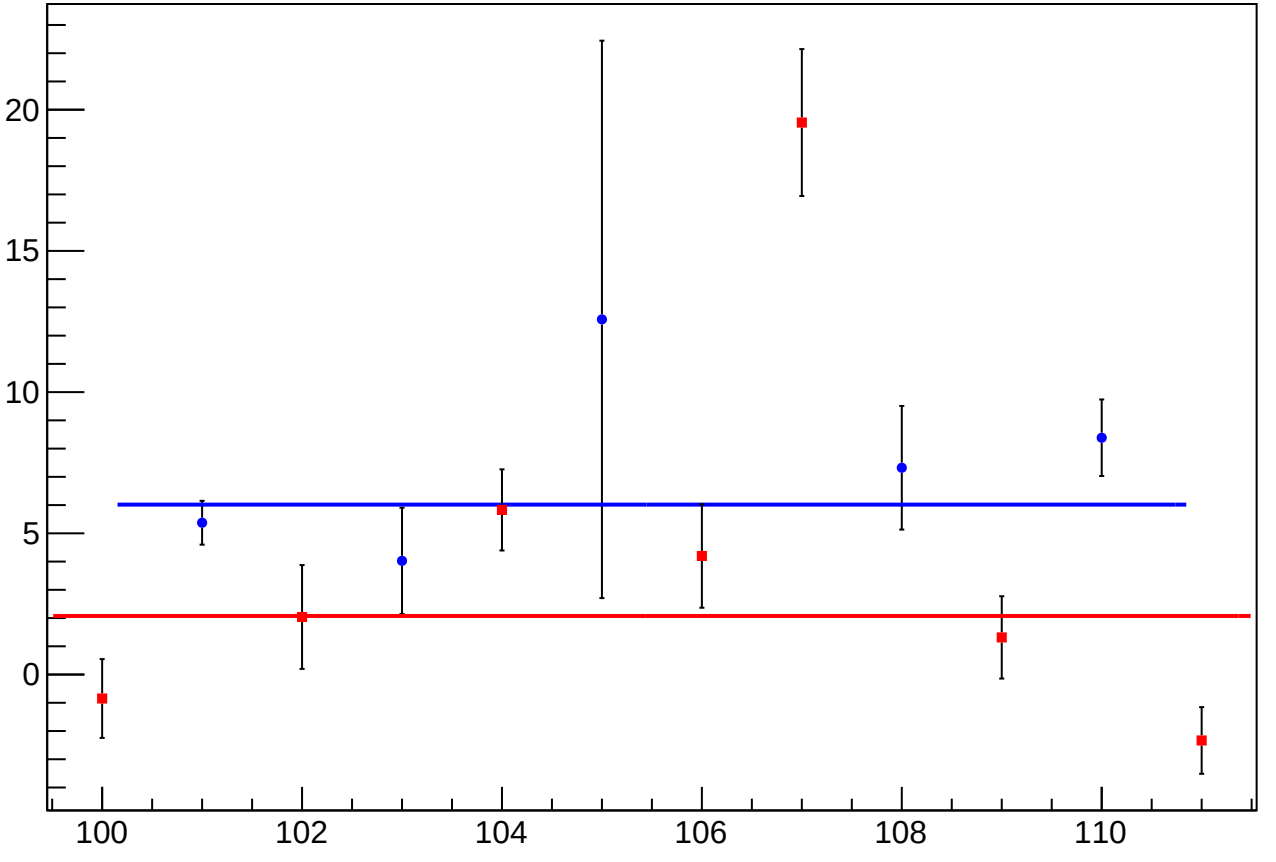
Right Out: 22.562+/-0.707 χ^2/NDF: 1366.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

12.265+/-0.887 χ^2/NDF: 427.1/4

22.562+/-0.707 χ^2/NDF: 1366.7/6

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: 6.017+/-0.608 χ^2/NDF: 5.7/4

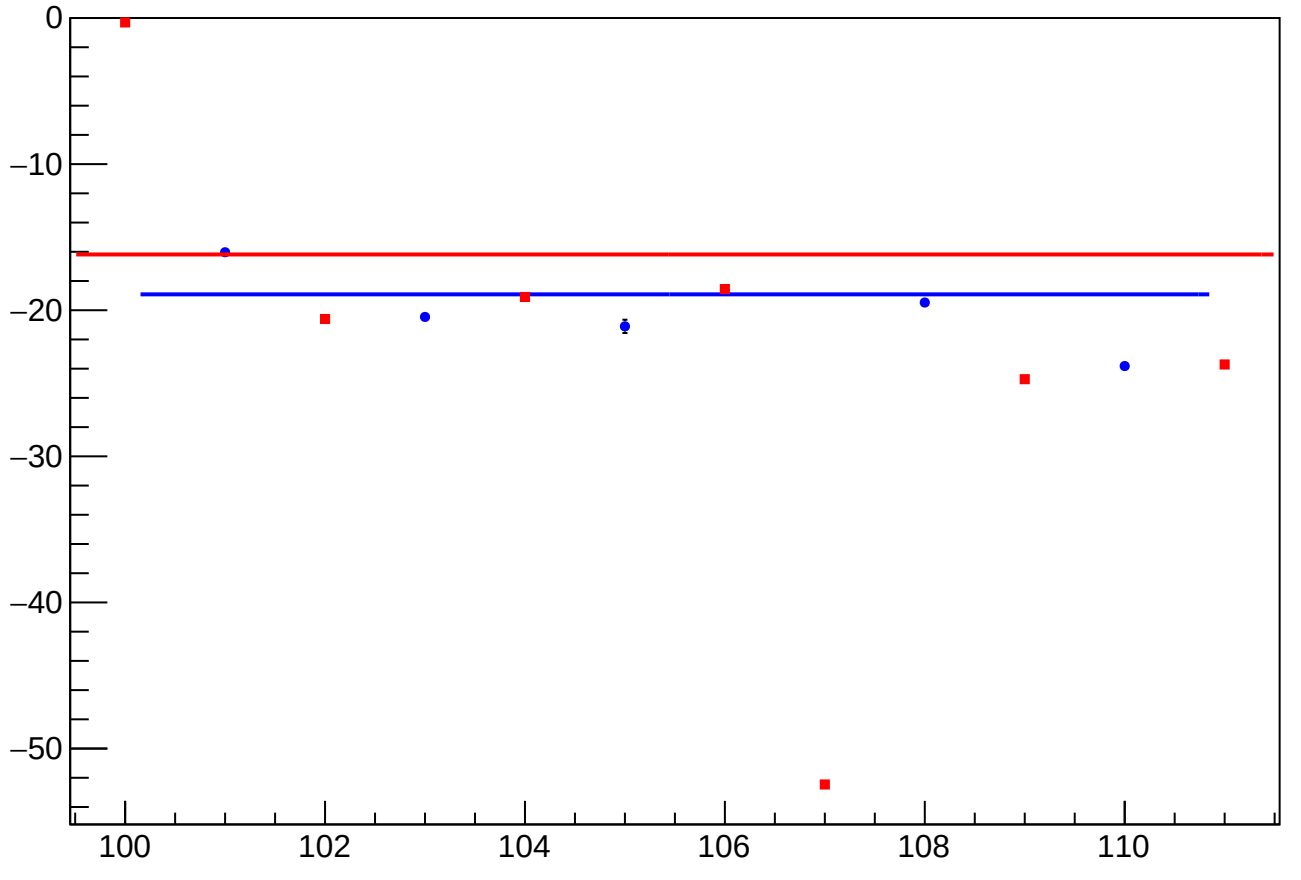
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.074+/-0.584 χ^2/NDF: 71.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.017+/-0.608 χ^2/NDF: 5.7/4

2.074+/-0.584 χ^2/NDF: 71.9/6



Right In: -18.913+/-0.028 χ^2/NDF: 8170.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

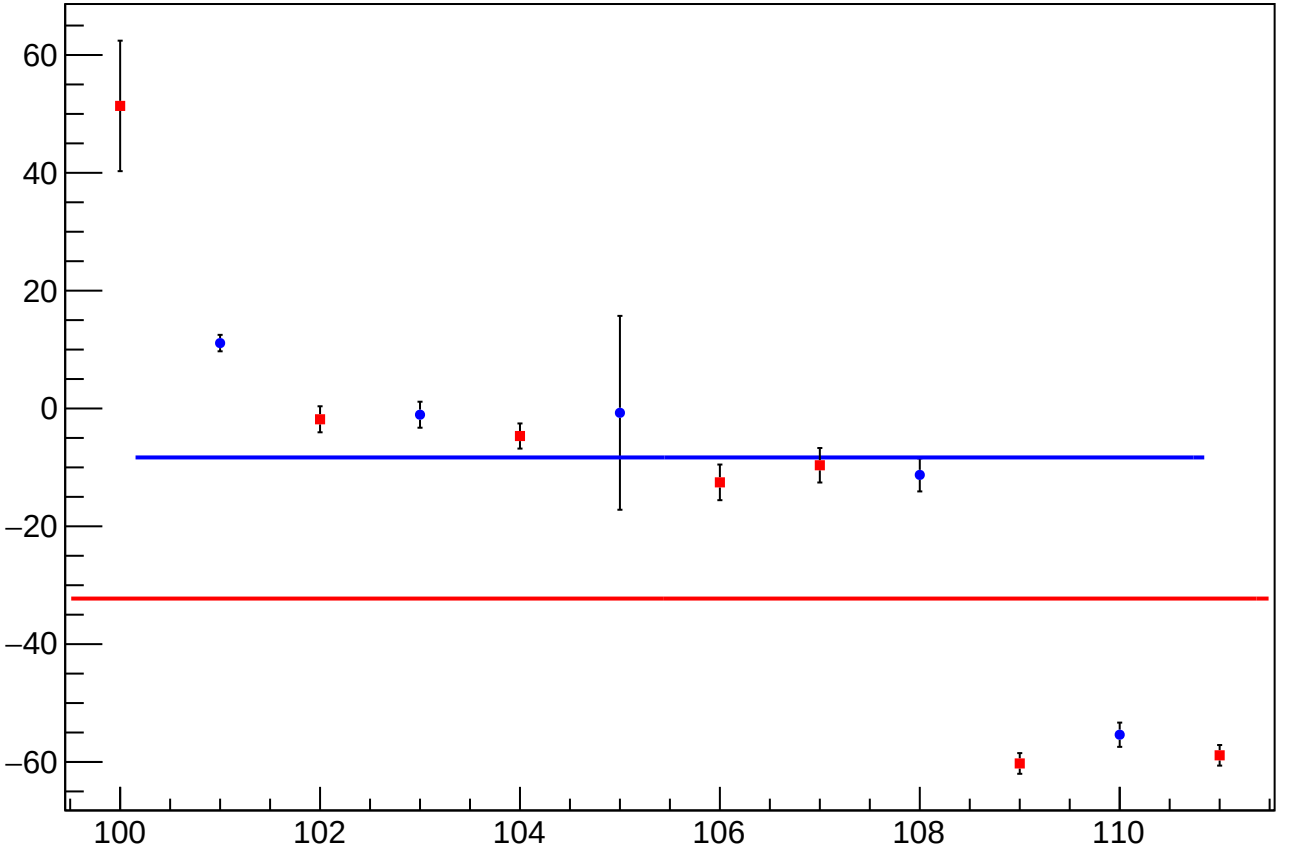
Right Out: -16.184+/-0.022 χ^2/NDF: 267179.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-18.913+/-0.028 χ^2/NDF: 8170.0/4

-16.184+/-0.022 χ^2/NDF: 267179.1/6

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -8.310+/-0.959 χ^2/NDF: 728.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

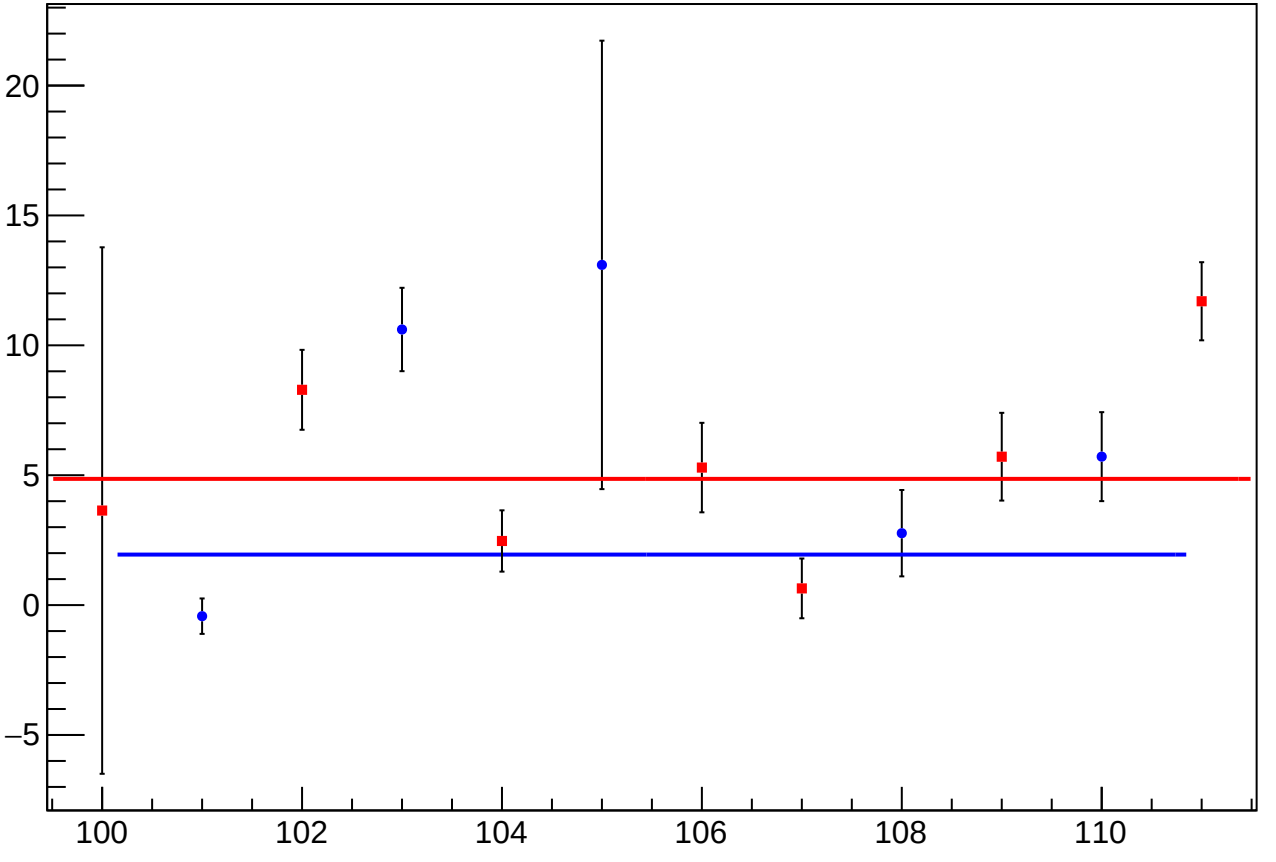
Right Out: -32.264+/-0.874 χ^2/NDF: 1001.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-8.310+/-0.959 χ^2/NDF: 728.8/4

-32.264+/-0.874 χ^2/NDF: 1001.7/6

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 1.944+/-0.554 χ^2/NDF: 48.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

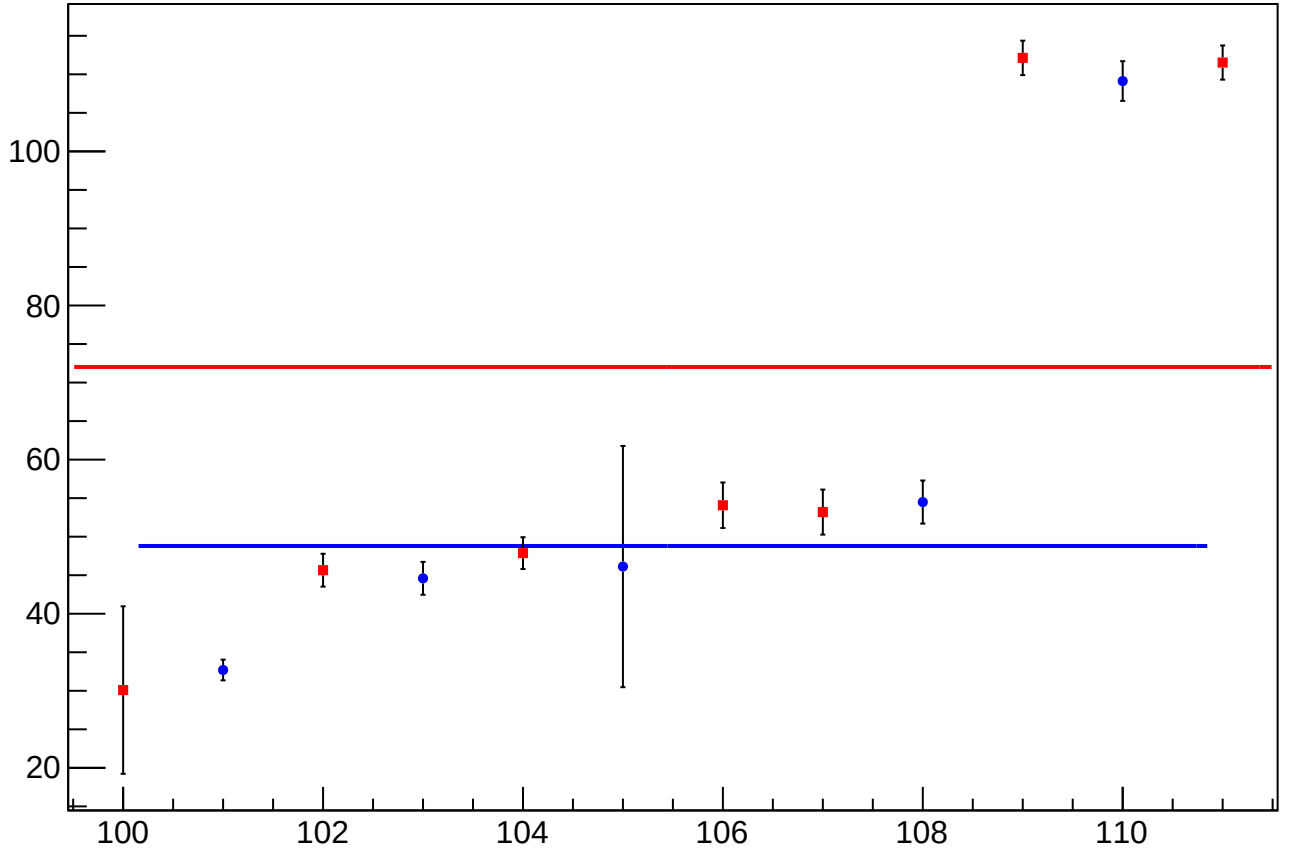
Right Out: 4.859+/-0.574 χ^2/NDF: 43.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.944+/-0.554 χ^2/NDF: 48.0/4

4.859+/-0.574 χ^2/NDF: 43.5/6

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 48.793+/-0.973 χ^2/NDF: 701.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

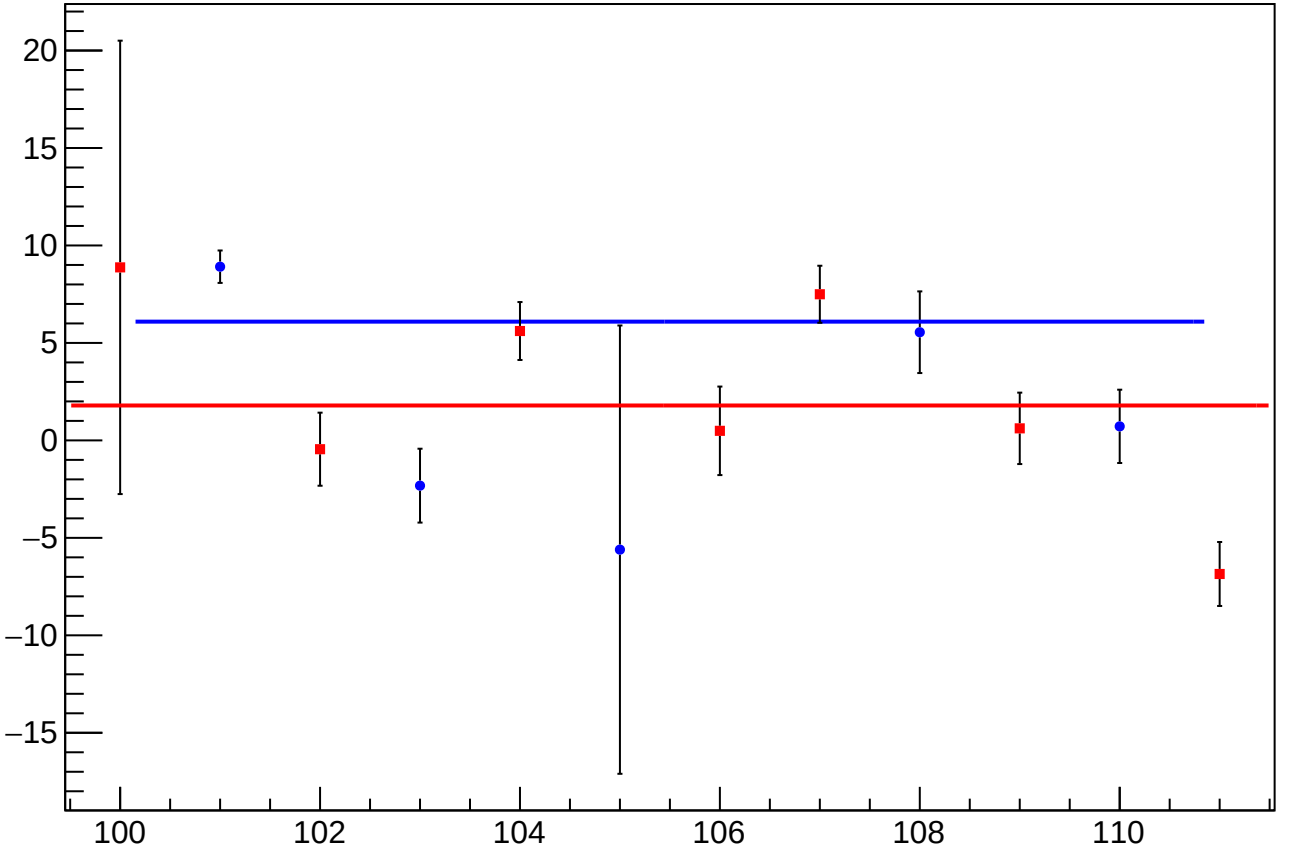
Right Out: 72.025+/-0.954 χ^2/NDF: 1023.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

48.793+/-0.973 χ^2/NDF: 701.0/4

72.025+/-0.954 χ^2/NDF: 1023.0/6

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: 6.092+/-0.668 χ^2/NDF: 40.5/4

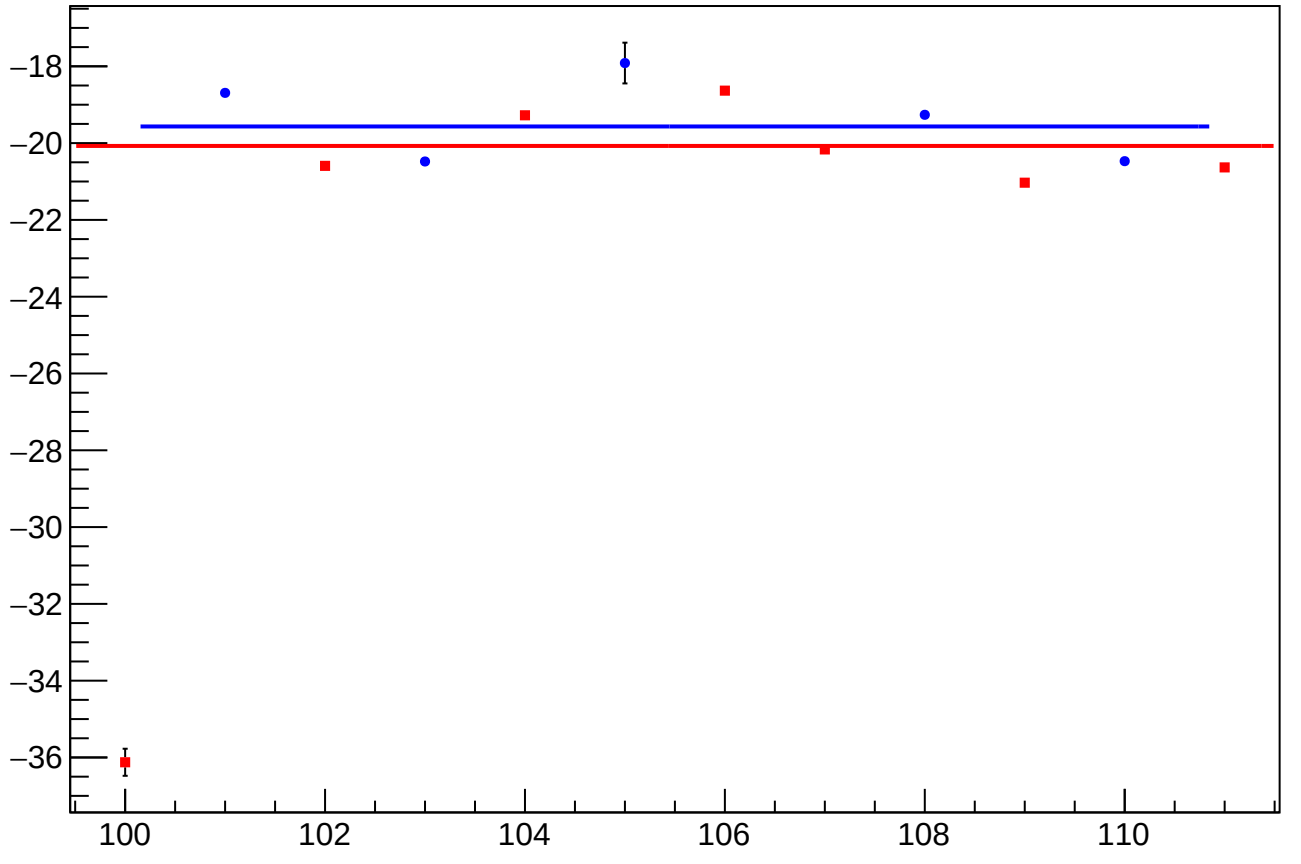
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.791+/-0.694 χ^2/NDF: 52.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.092+/-0.668 χ^2/NDF: 40.5/4

1.791+/-0.694 χ^2/NDF: 52.1/6



Right In: -19.567+/-0.029 χ^2/NDF: 775.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

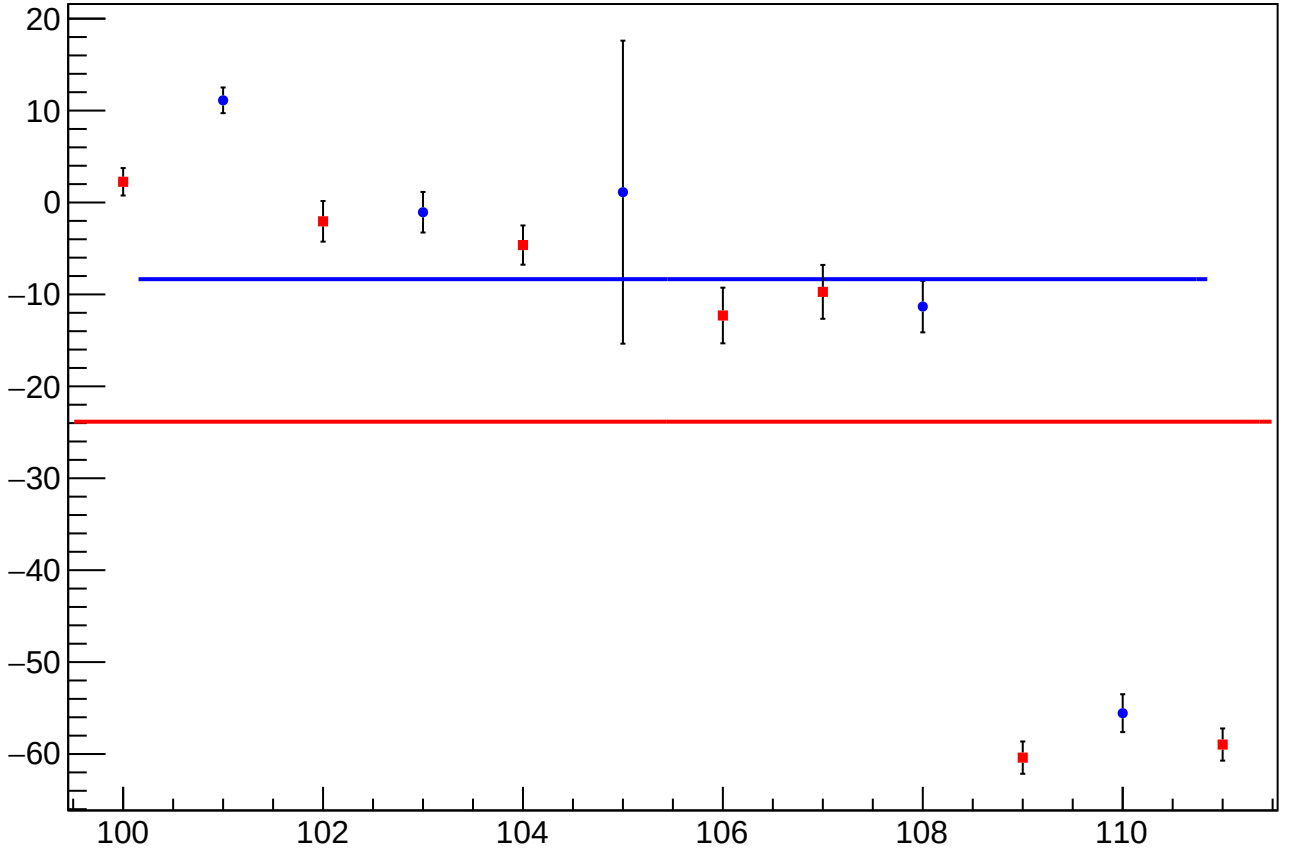
Right Out: -20.074+/-0.027 χ^2/NDF: 2897.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-19.567+/-0.029 χ^2/NDF: 775.2/4

-20.074+/-0.027 χ^2/NDF: 2897.3/6

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -8.342+/-0.960 χ^2/NDF: 732.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

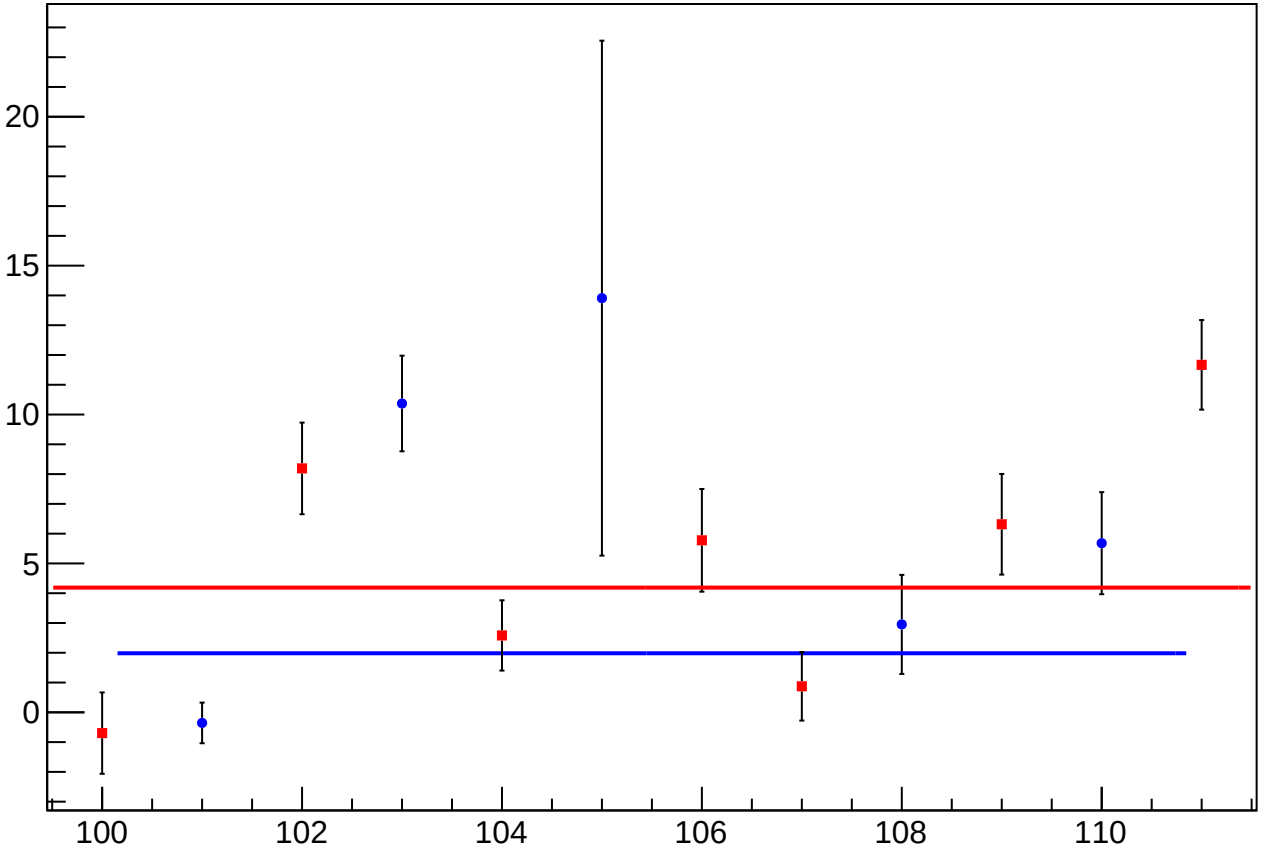
Right Out: -23.845+/-0.756 χ^2/NDF: 1357.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-8.342+/-0.960 χ^2/NDF: 732.4/4

-23.845+/-0.756 χ^2/NDF: 1357.3/6

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: 1.983+/-0.555 χ^2/NDF: 45.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

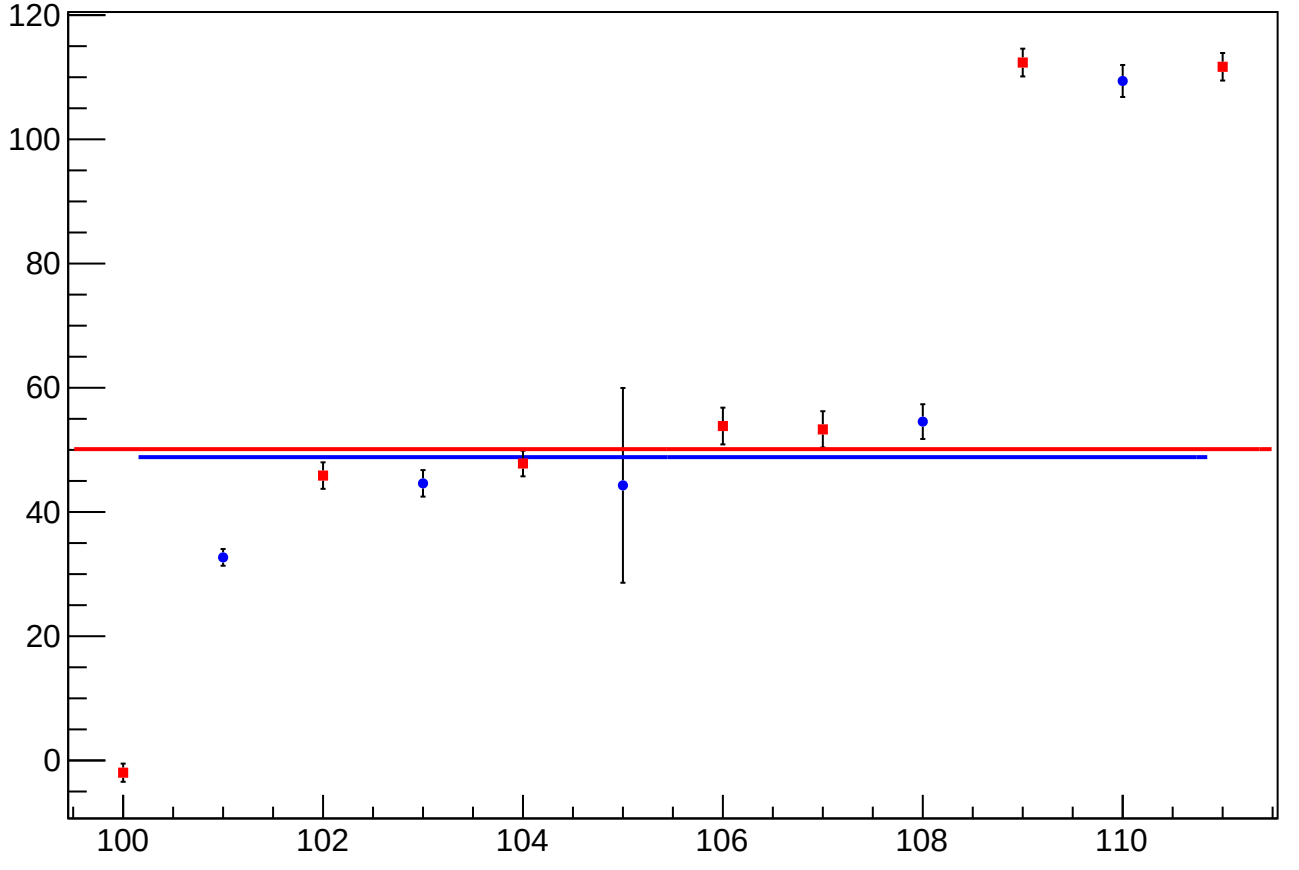
Right Out: 4.189+/-0.530 χ^2/NDF: 56.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.983+/-0.555 χ^2/NDF: 45.9/4

4.189+/-0.530 χ^2/NDF: 56.8/6

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 48.833+/-0.974 χ^2/NDF: 705.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

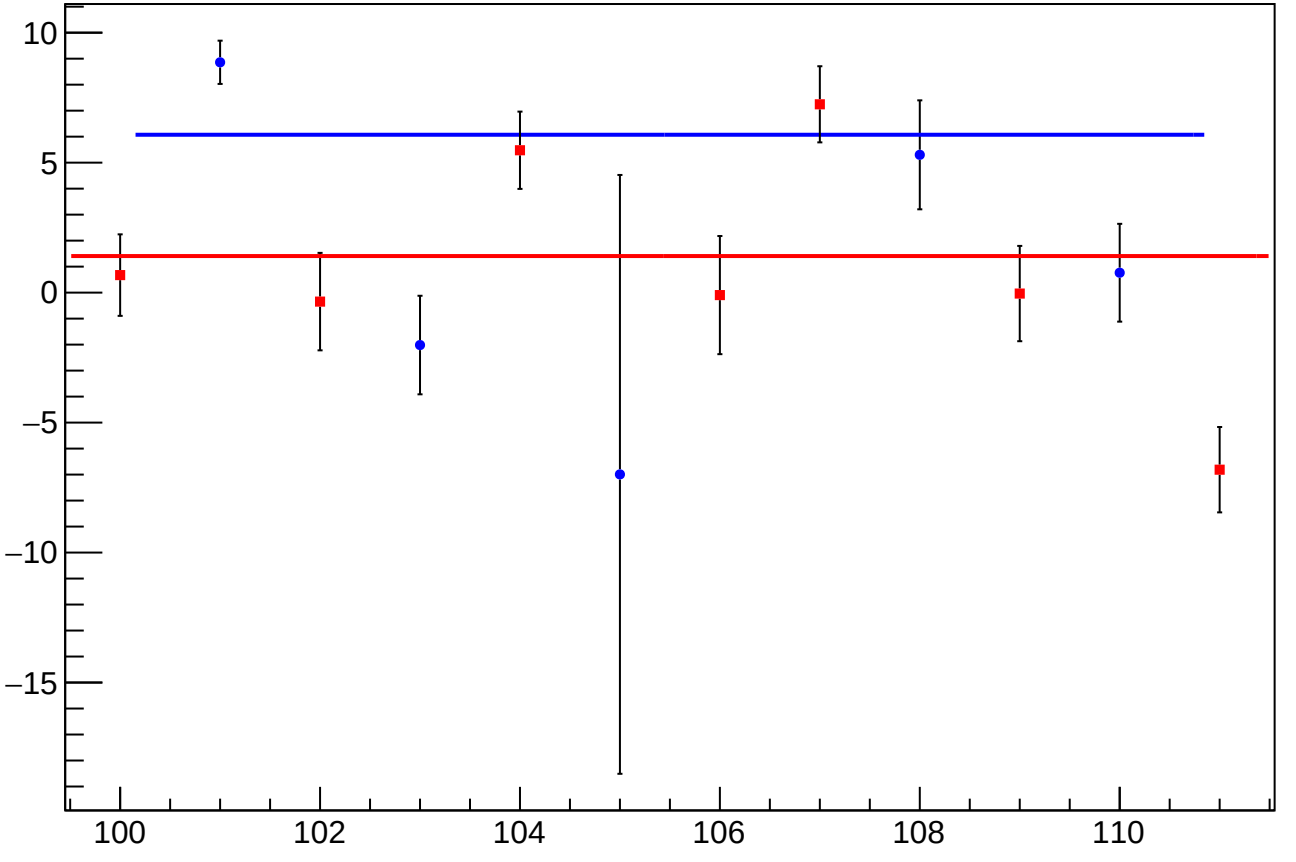
Right Out: 50.123+/-0.802 χ^2/NDF: 2818.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

48.833+/-0.974 χ^2/NDF: 705.3/4

50.123+/-0.802 χ^2/NDF: 2818.6/6

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: 6.073+/-0.668 χ^2/NDF: 38.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

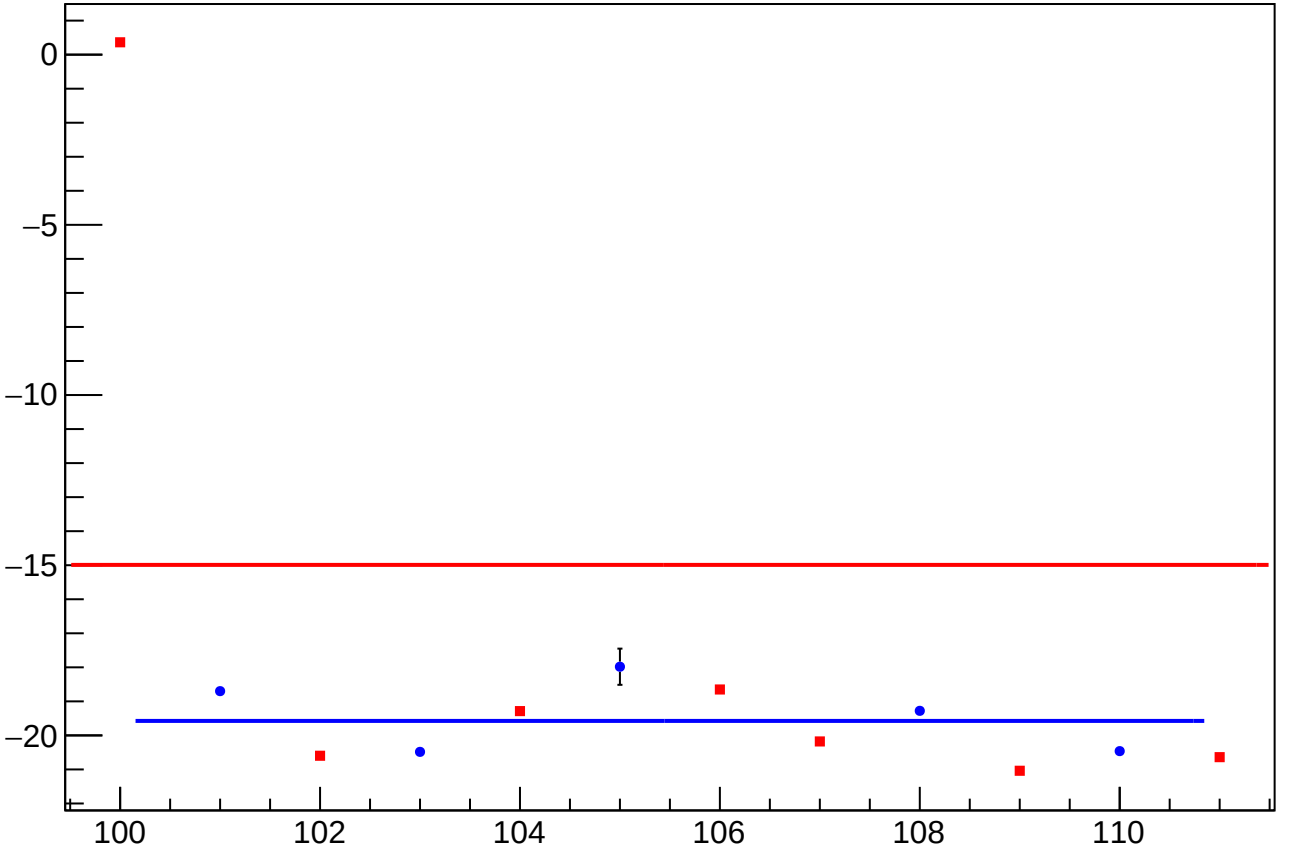
Right Out: 1.407+/-0.636 χ^2/NDF: 50.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.073+/-0.668 χ^2/NDF: 38.8/4

1.407+/-0.636 χ^2/NDF: 50.6/6

reg_asym_right_dd_diff_bpm12X_slope vs slug



Right In: -19.574+/-0.029 χ^2/NDF: 768.5/4

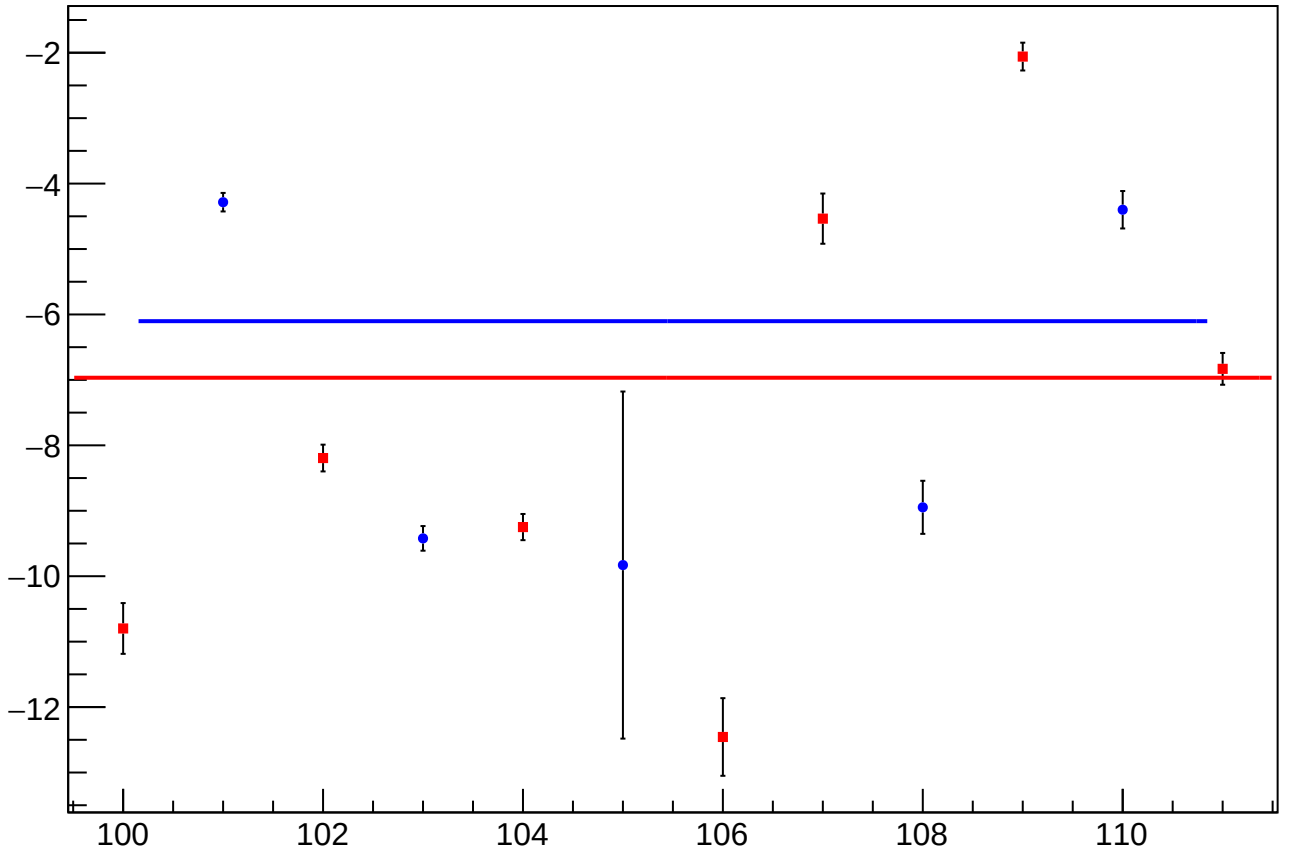
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.991+/-0.024 χ^2/NDF: 139234.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-19.574+/-0.029 χ^2/NDF: 768.5/4

-14.991+/-0.024 χ^2/NDF: 139234.0/6



Right In: -6.102+/-0.102 χ^2/NDF: 562.2/4

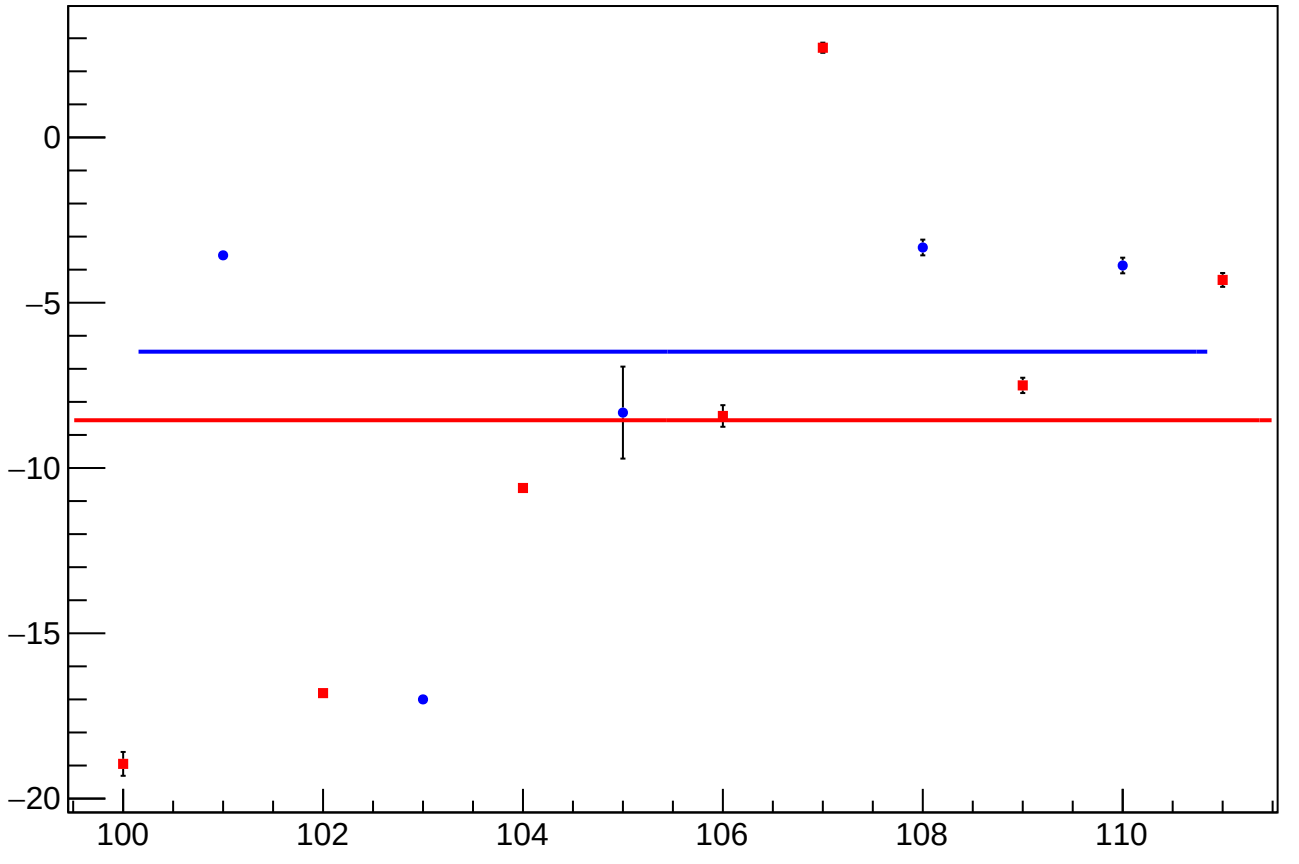
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.967+/-0.098 χ^2/NDF: 922.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.102+/-0.102 χ^2/NDF: 562.2/4

-6.967+/-0.098 χ^2/NDF: 922.7/6



Right In: -6.481+/-0.063 χ^2/NDF: 7759.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

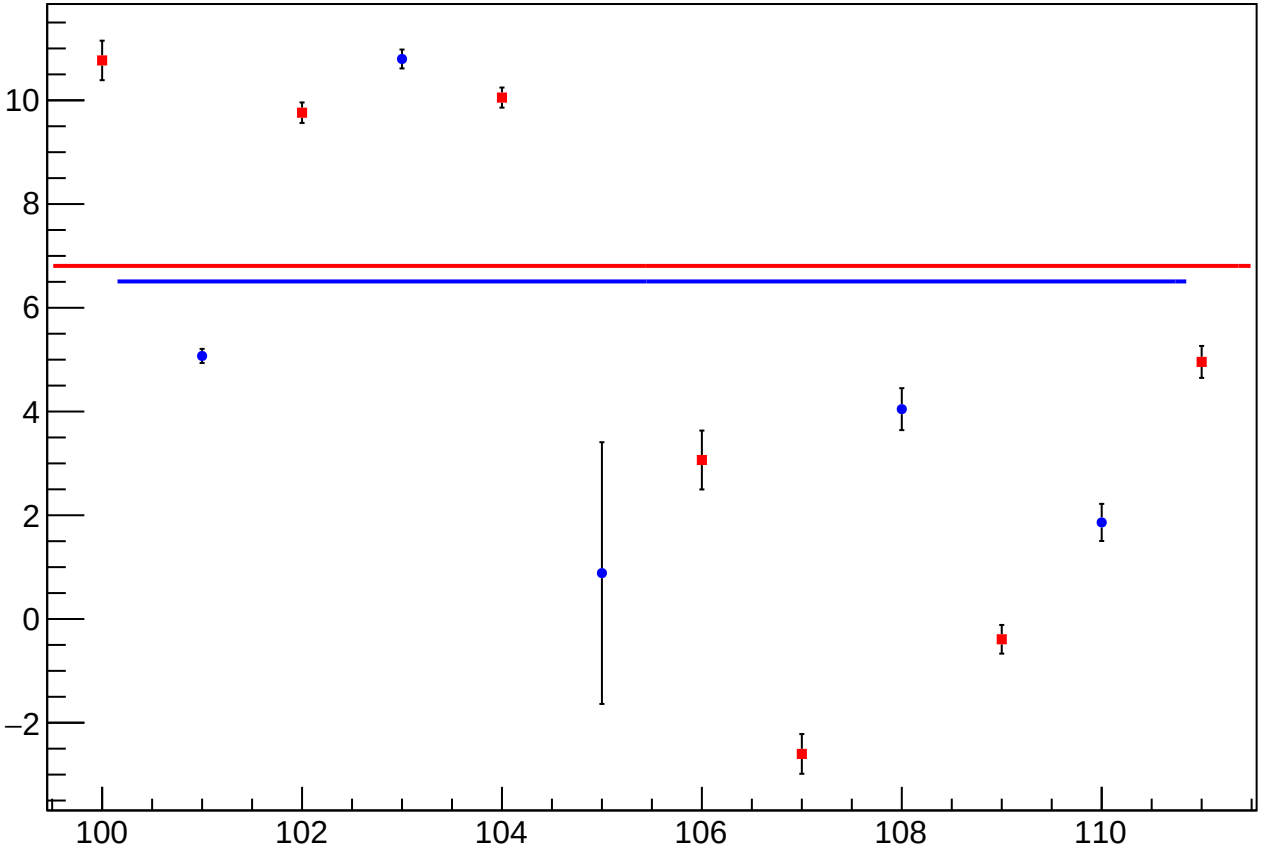
Right Out: -8.555+/-0.068 χ^2/NDF: 10085.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.481+/-0.063 χ^2/NDF: 7759.4/4

-8.555+/-0.068 χ^2/NDF: 10085.7/6

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: 6.508+/-0.101 χ^2/NDF: 876.0/4

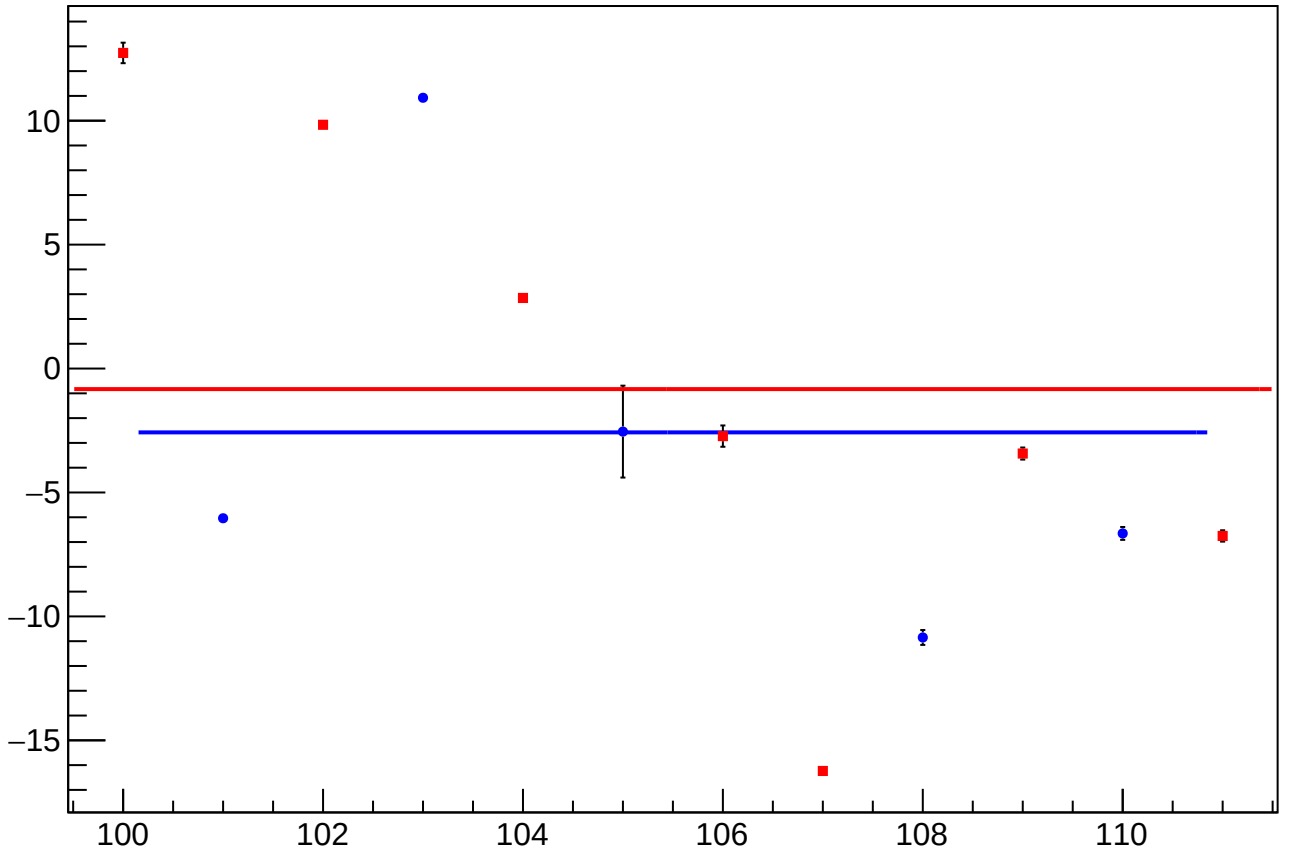
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.808+/-0.104 χ^2/NDF: 1973.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.508+/-0.101 χ^2/NDF: 876.0/4

6.808+/-0.104 χ^2/NDF: 1973.6/6



Right In: -2.575+/-0.075 χ^2/NDF: 9515.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

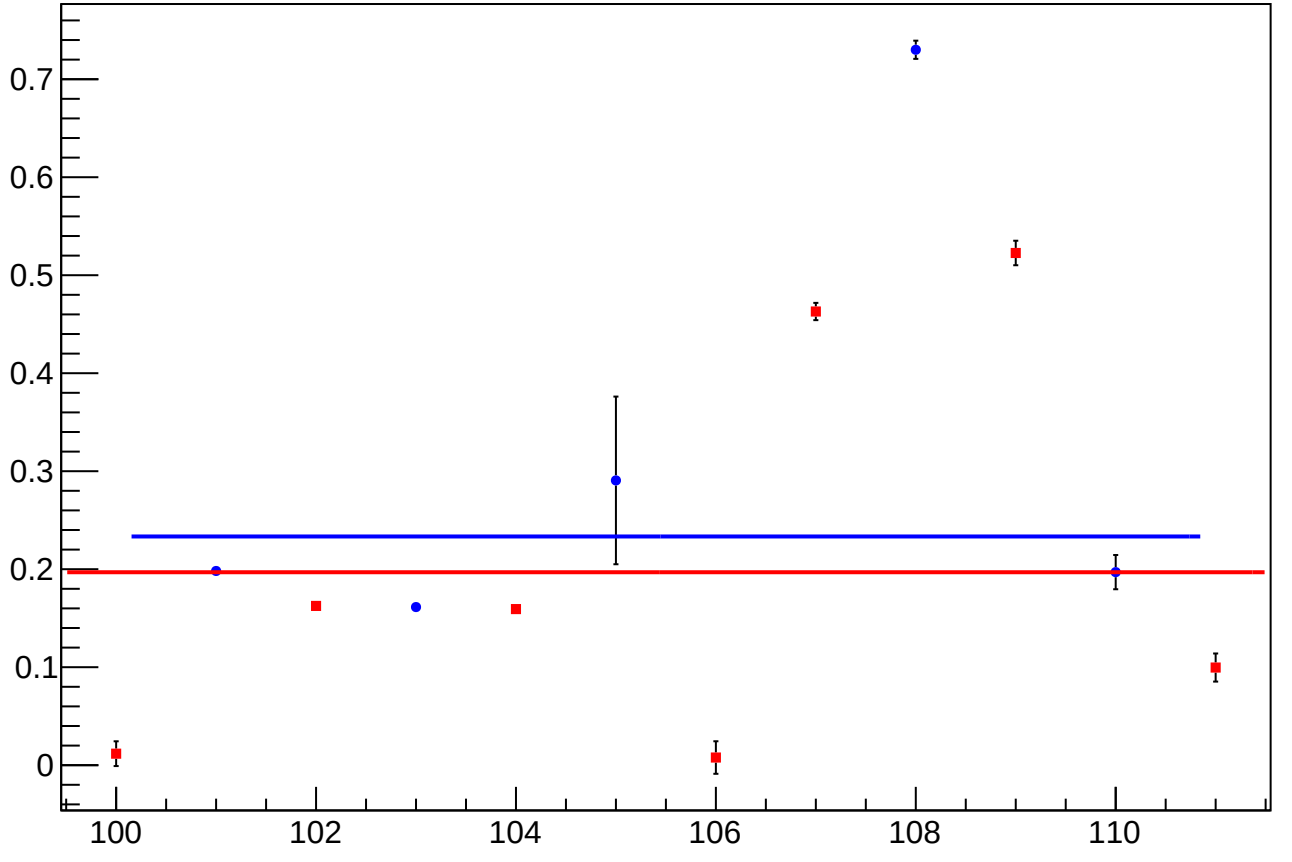
Right Out: -0.829+/-0.082 χ^2/NDF: 12296.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.575+/-0.075 χ^2/NDF: 9515.6/4

-0.829+/-0.082 χ^2/NDF: 12296.7/6

reg_asym_sam_15_avg_diff_bpm12X_slope vs slug



Right In: 0.233+/-0.003 χ^2/NDF: 3223.8/4

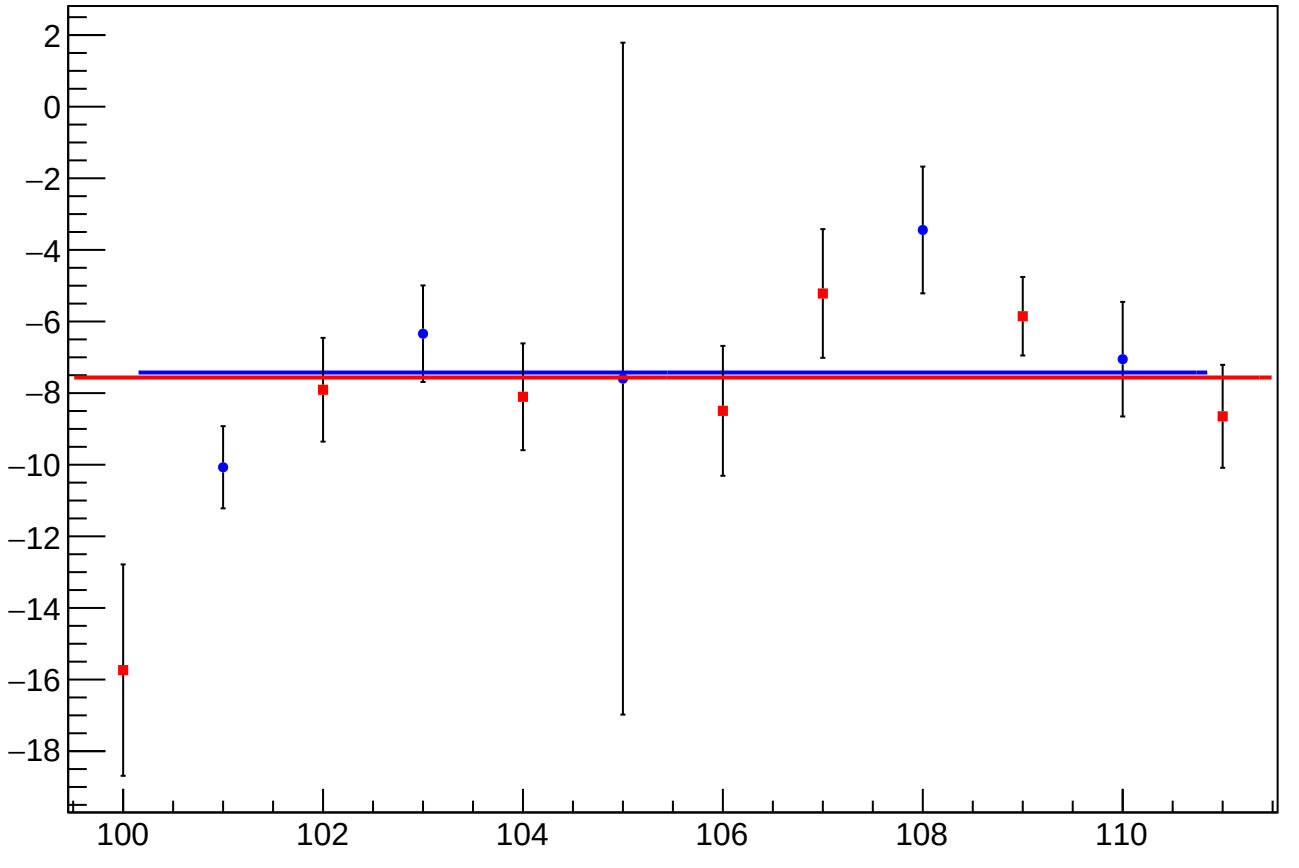
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.197+/-0.003 χ^2/NDF: 2097.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.233+/-0.003 χ^2/NDF: 3223.8/4

0.197+/-0.003 χ^2/NDF: 2097.3/6



Right In: -7.425+/-0.702 χ^2/NDF: 11.1/4

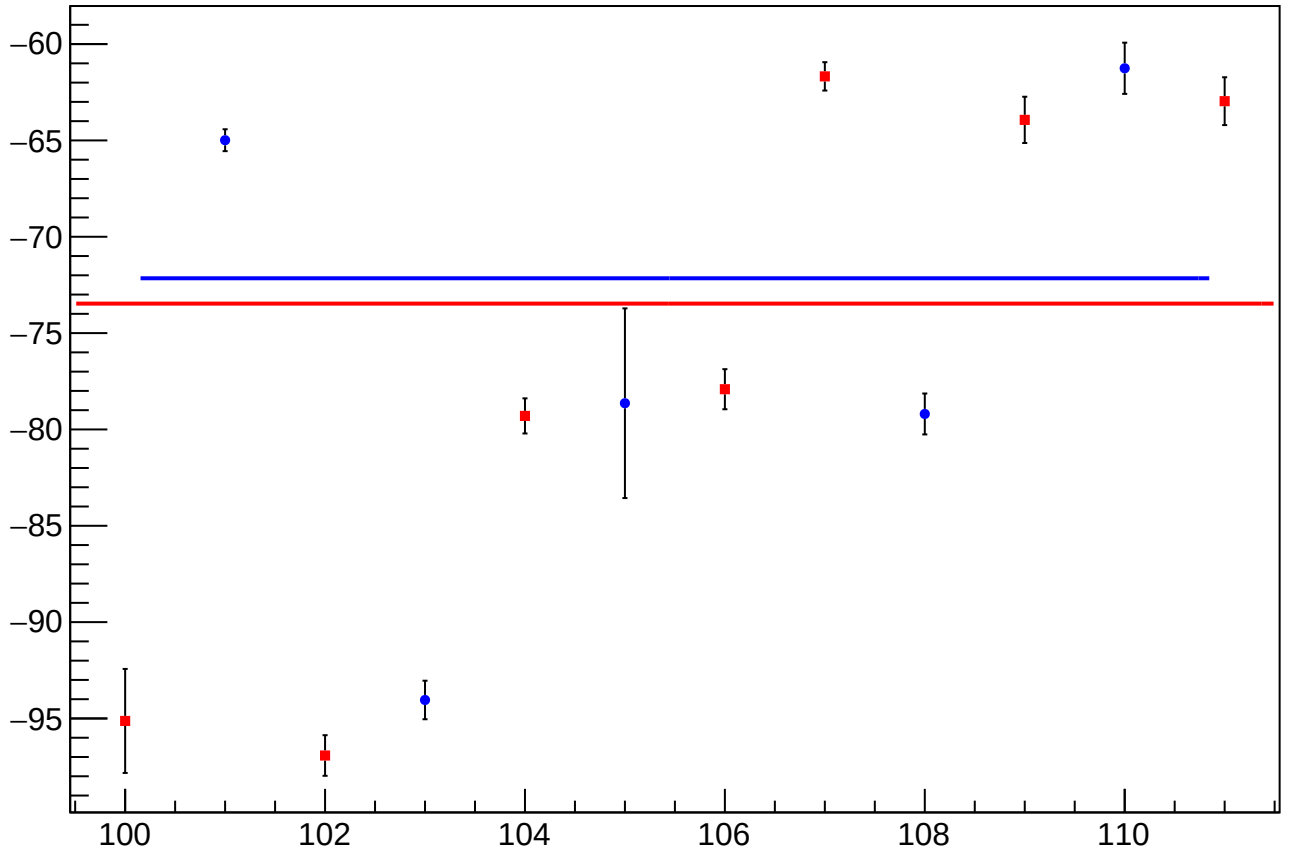
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.564+/-0.580 χ^2/NDF: 12.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-7.425+/-0.702 χ^2/NDF: 11.1/4

-7.564+/-0.580 χ^2/NDF: 12.8/6



Right In: -72.154+/-0.423 χ^2/NDF: 751.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

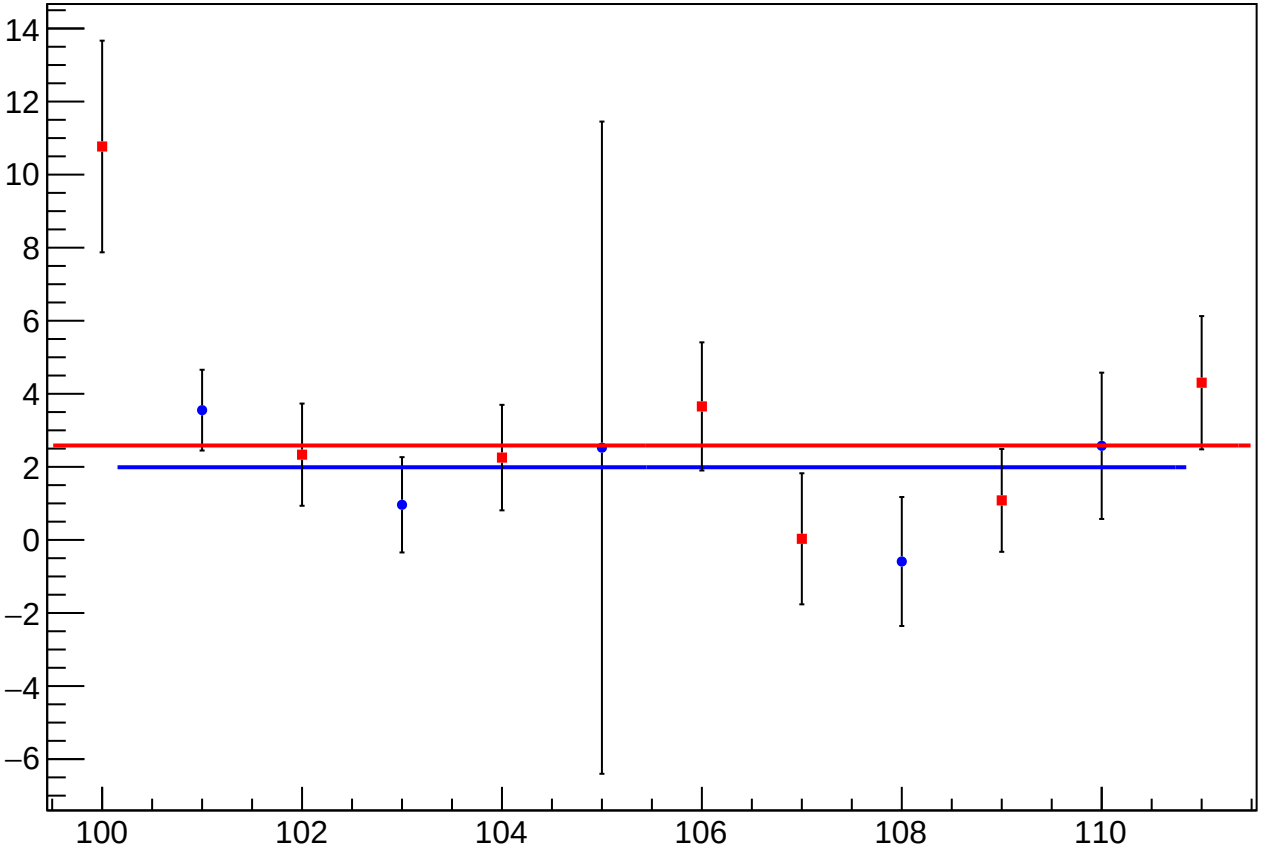
Right Out: -73.470+/-0.397 χ^2/NDF: 1010.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-72.154+/-0.423 χ^2/NDF: 751.3/4

-73.470+/-0.397 χ^2/NDF: 1010.3/6

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: 1.989+/-0.709 χ^2/NDF: 4.8/4

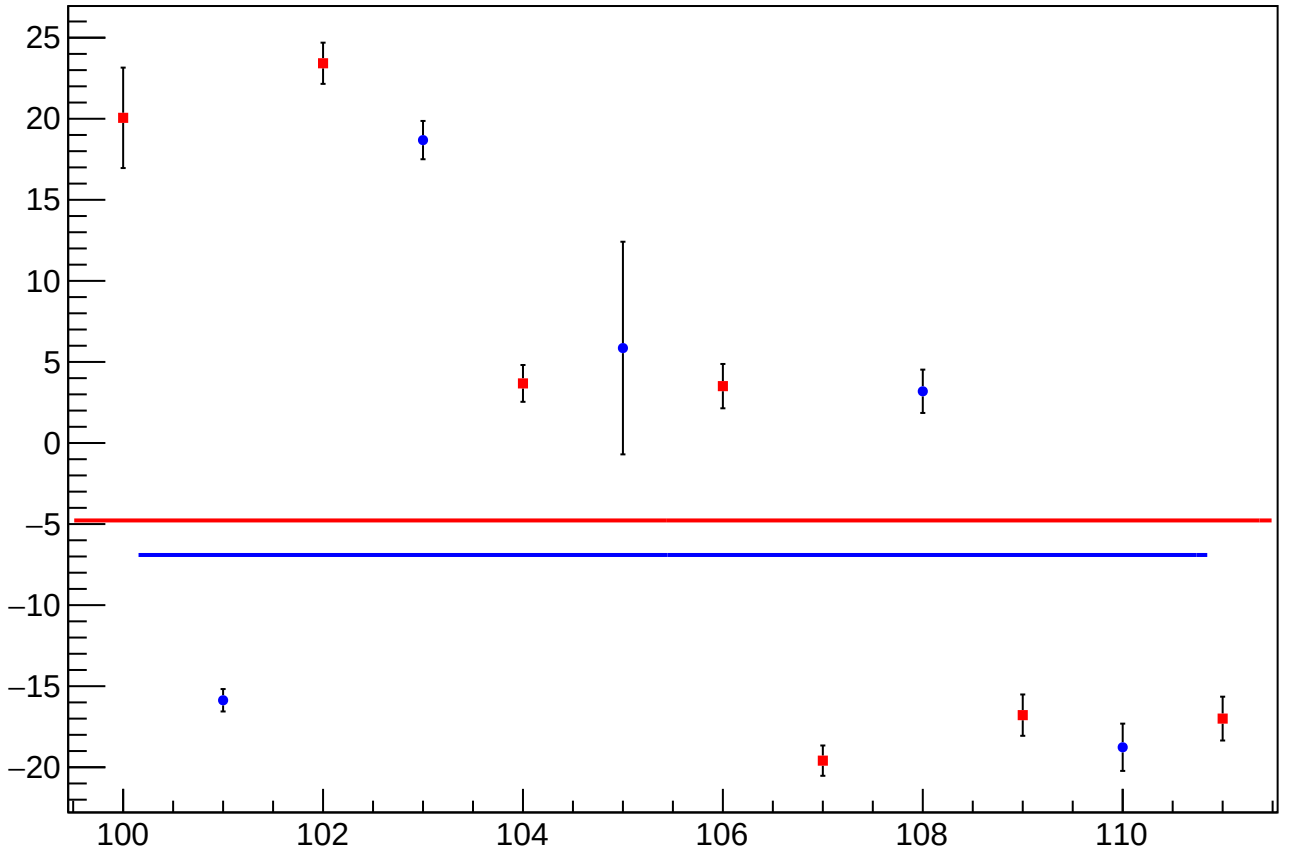
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.585+/-0.626 χ^2/NDF: 12.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.989+/-0.709 χ^2/NDF: 4.8/4

2.585+/-0.626 χ^2/NDF: 12.5/6



Right In: -6.906+/-0.509 χ^2/NDF: 764.5/4

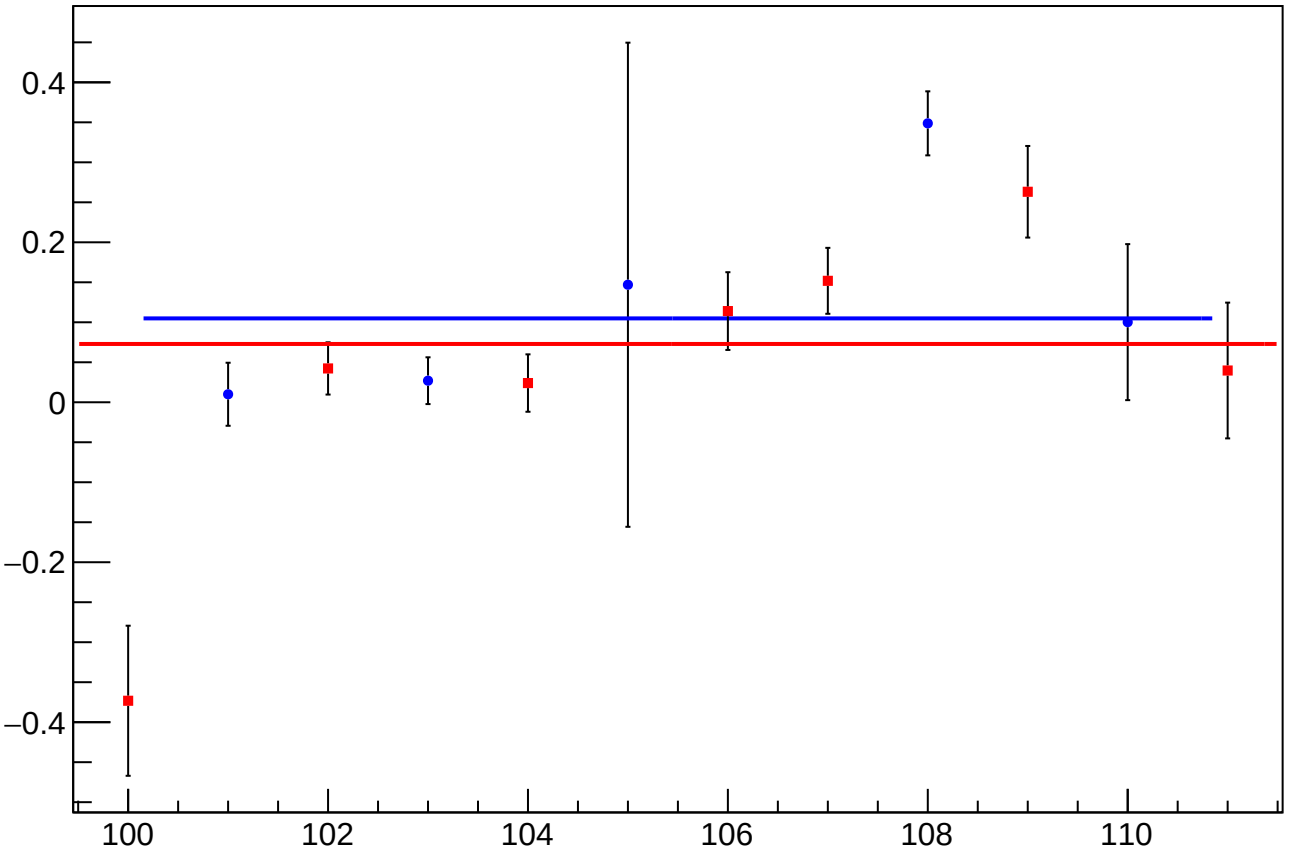
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.776+/-0.480 χ^2/NDF: 1070.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.906+/-0.509 χ^2/NDF: 764.5/4

-4.776+/-0.480 χ^2/NDF: 1070.8/6



Right In: 0.105+/-0.020 χ^2/NDF: 50.0/4

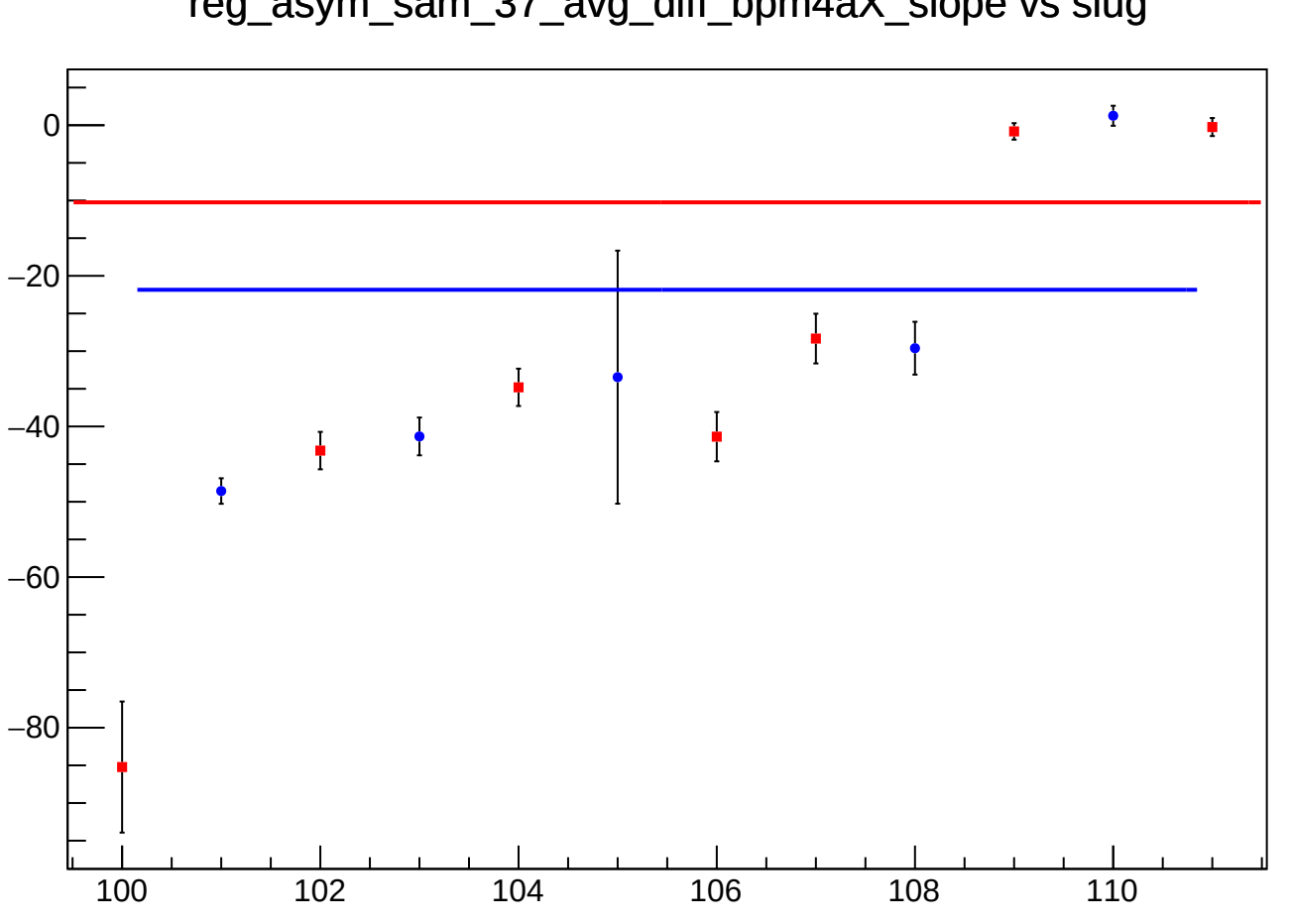
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.073+/-0.017 χ^2/NDF: 40.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.105+/-0.020 χ^2/NDF: 50.0/4

0.073+/-0.017 χ^2/NDF: 40.9/6



Right In: -21.852+/-0.929 χ^2/NDF: 617.2/4

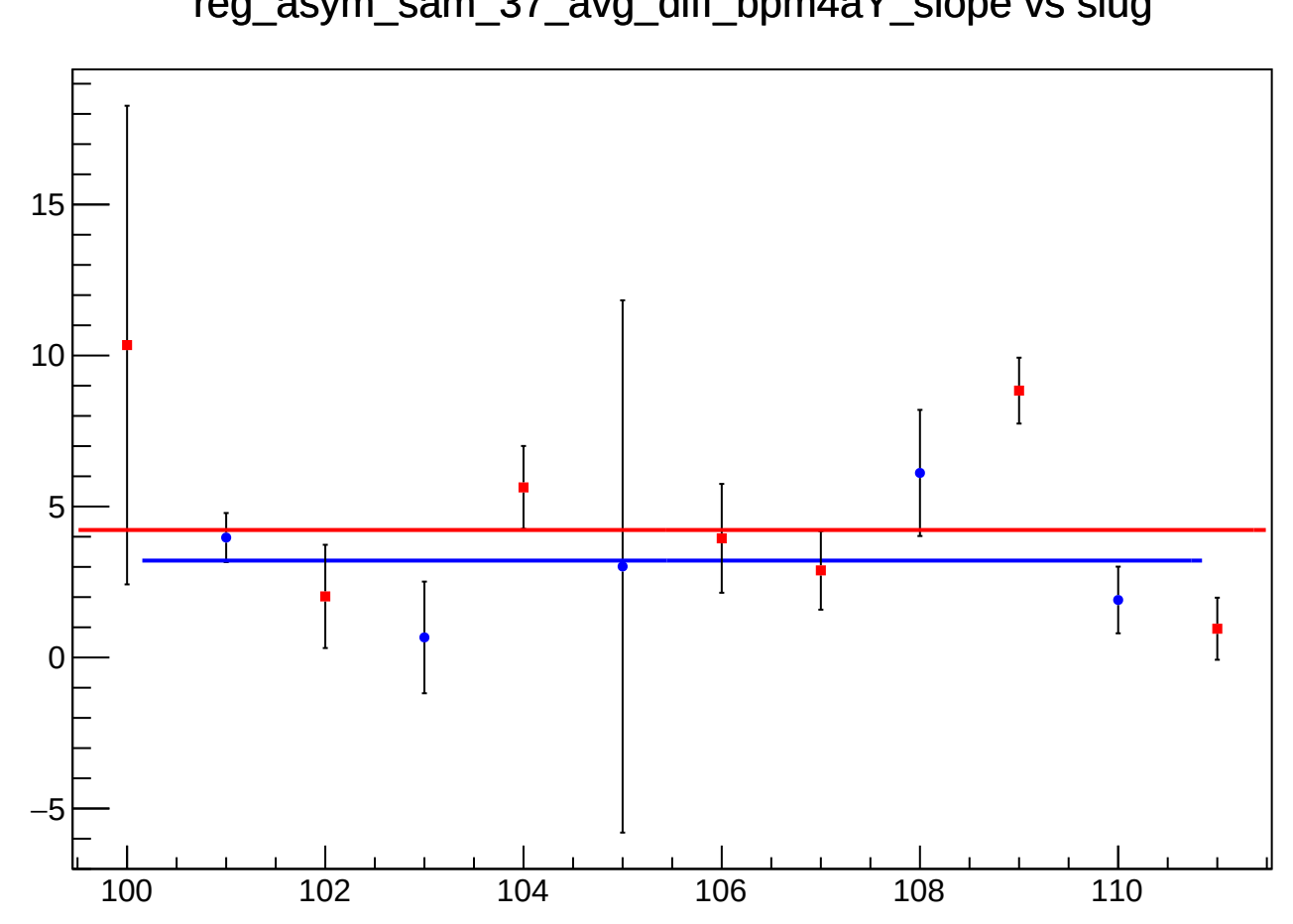
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.241+/-0.697 χ^2/NDF: 613.1/6

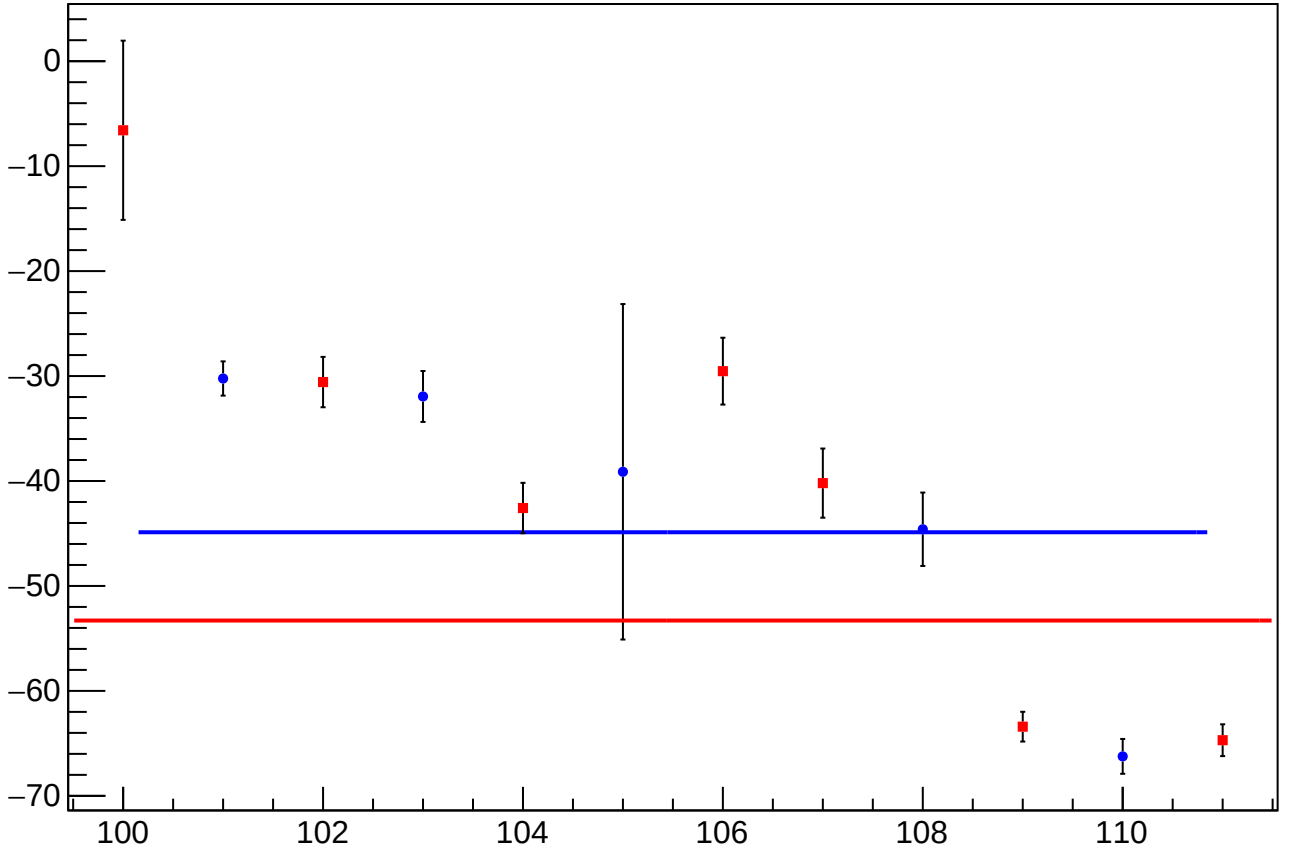
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-21.852+/-0.929 χ^2/NDF: 617.2/4

-10.241+/-0.697 χ^2/NDF: 613.1/6


reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug
15
10
5
0
−5
100
102
104
106
108
110
Right In: 3.210+/-0.590 χ²/NDF: 6.1/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 4.223+/-0.529 χ²/NDF: 32.4/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
3.210+/-0.590 χ²/NDF: 6.1/4
4.223+/-0.529 χ²/NDF: 32.4/6

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -44.883+/-1.003 χ^2/NDF: 274.8/4

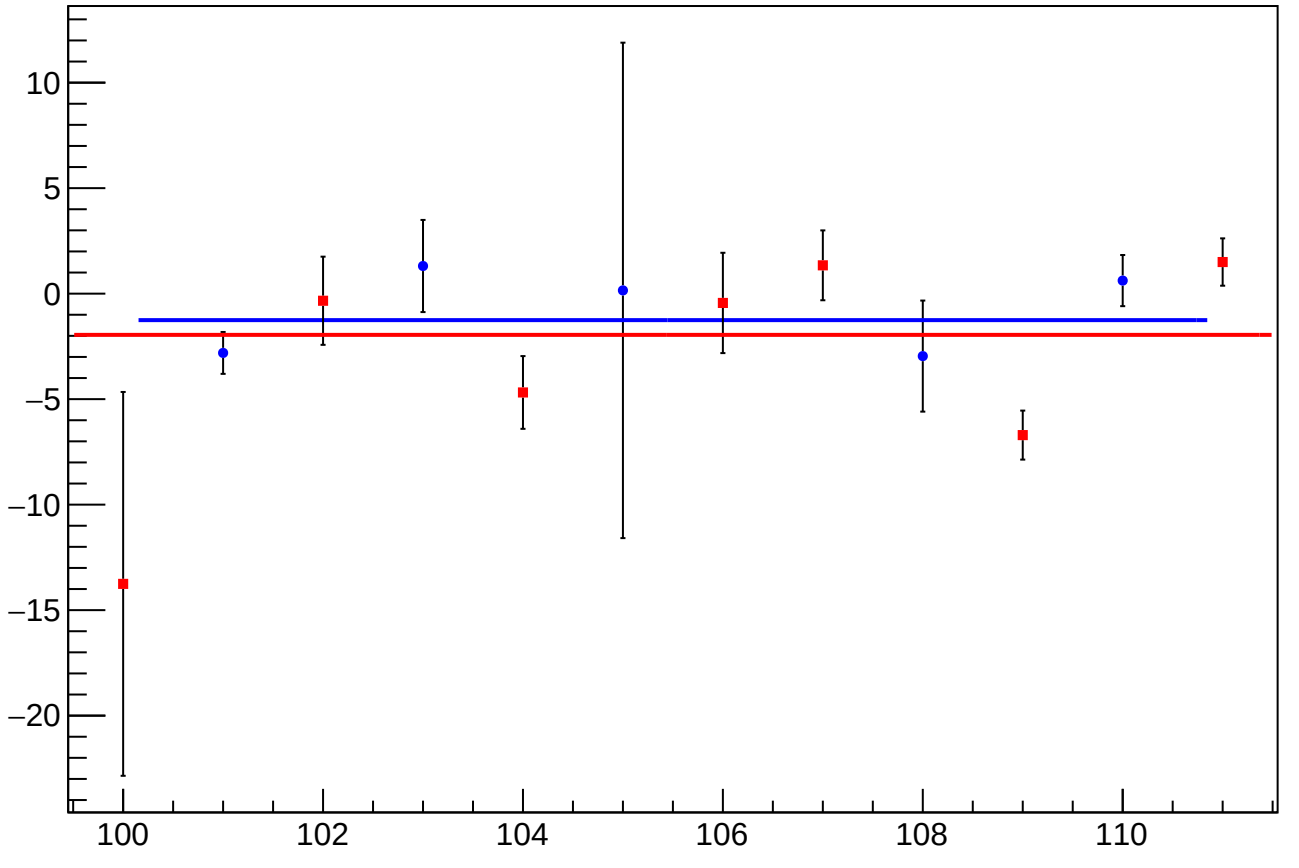
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -53.294+/-0.821 χ^2/NDF: 318.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-44.883+/-1.003 χ^2/NDF: 274.8/4

-53.294+/-0.821 χ^2/NDF: 318.6/6



Right In: -1.255+/-0.697 χ^2/NDF: 6.7/4

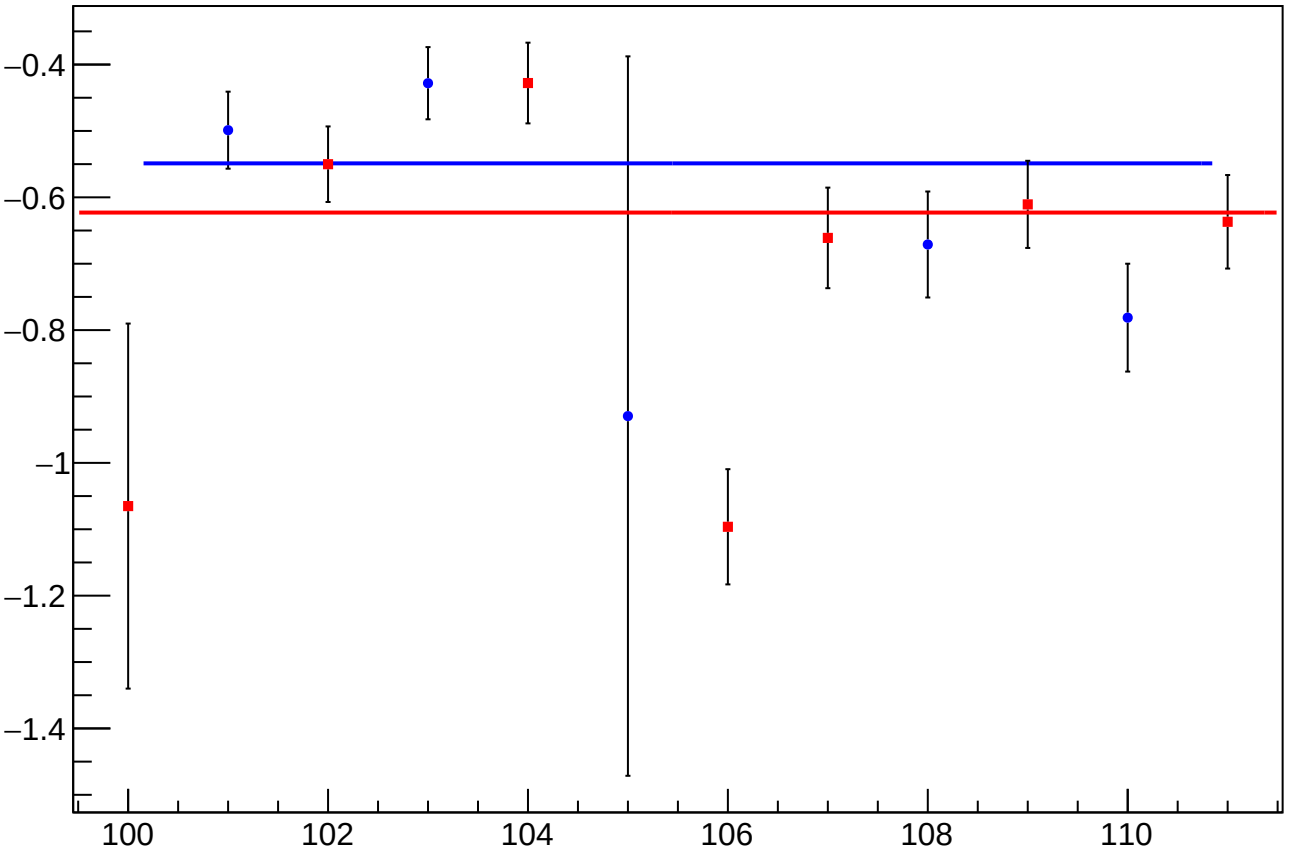
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.954+/-0.614 χ^2/NDF: 35.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.255+/-0.697 χ^2/NDF: 6.7/4

-1.954+/-0.614 χ^2/NDF: 35.4/6



Right In: -0.549+/-0.032 χ^2/NDF: 16.7/4

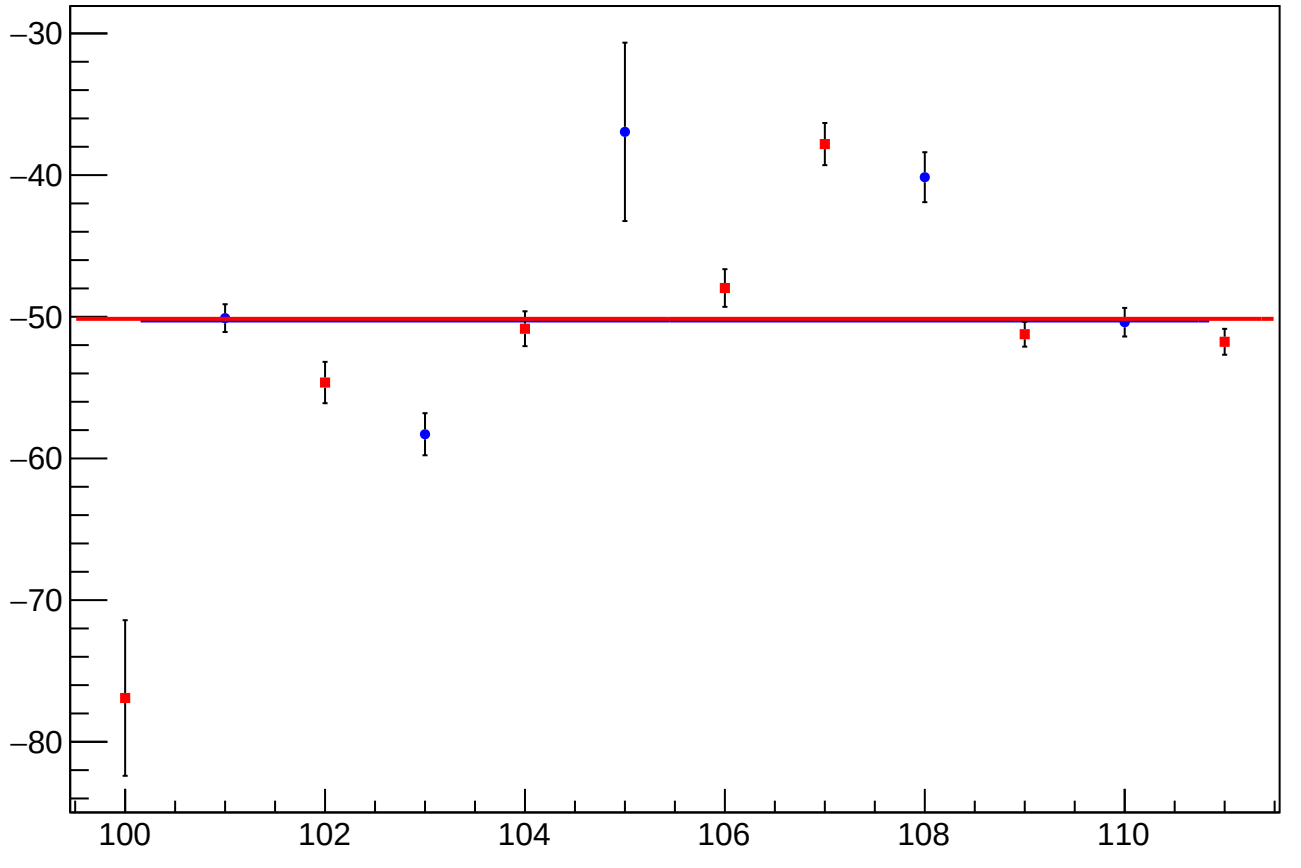
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.623+/-0.027 χ^2/NDF: 44.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.549+/-0.032 χ^2/NDF: 16.7/4

-0.623+/-0.027 χ^2/NDF: 44.6/6



Right In: -50.261+/-0.596 χ^2/NDF: 66.6/4

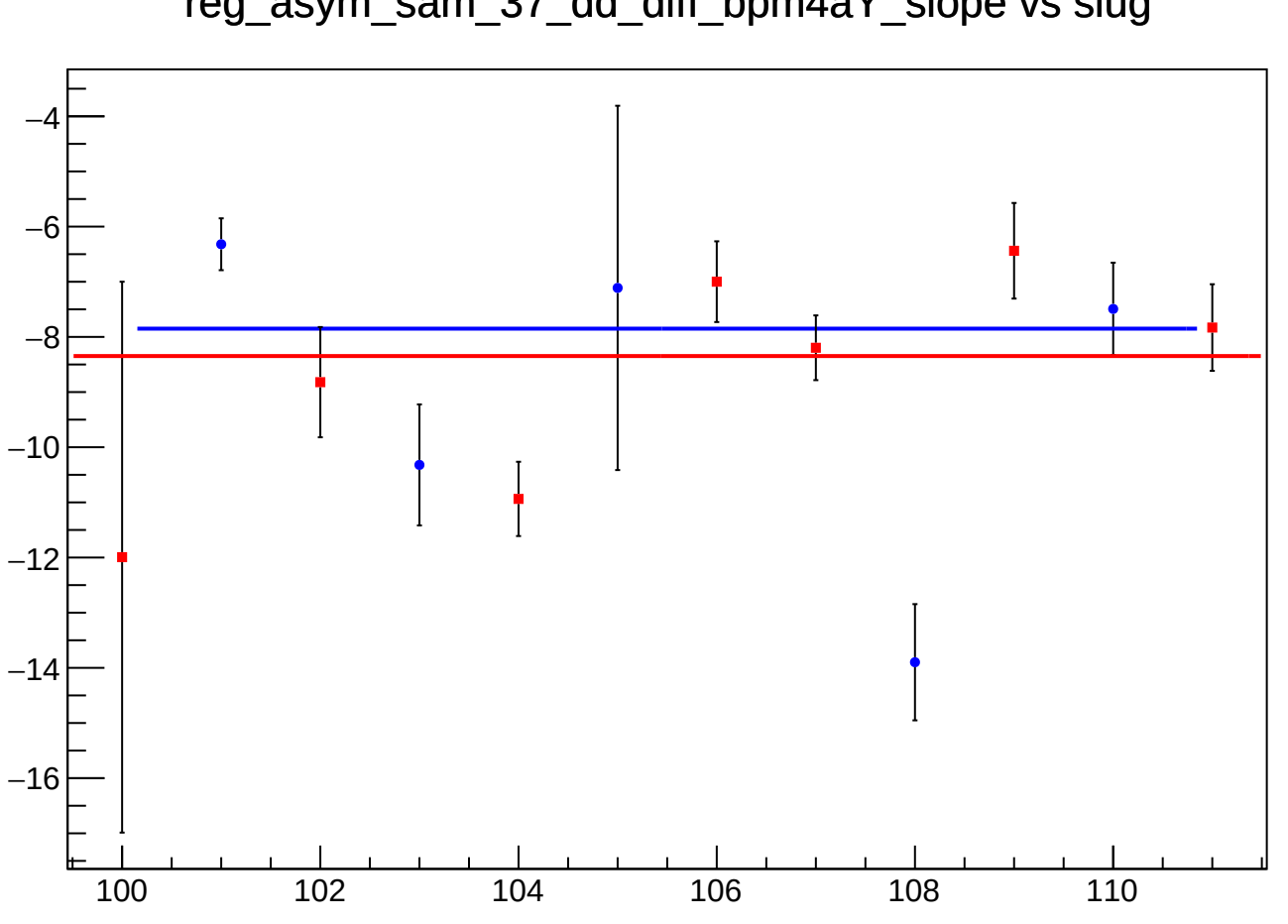
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -50.146+/-0.462 χ^2/NDF: 109.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-50.261+/-0.596 χ^2/NDF: 66.6/4

-50.146+/-0.462 χ^2/NDF: 109.7/6



Right In: -7.850+/-0.359 χ^2/NDF: 48.9/4

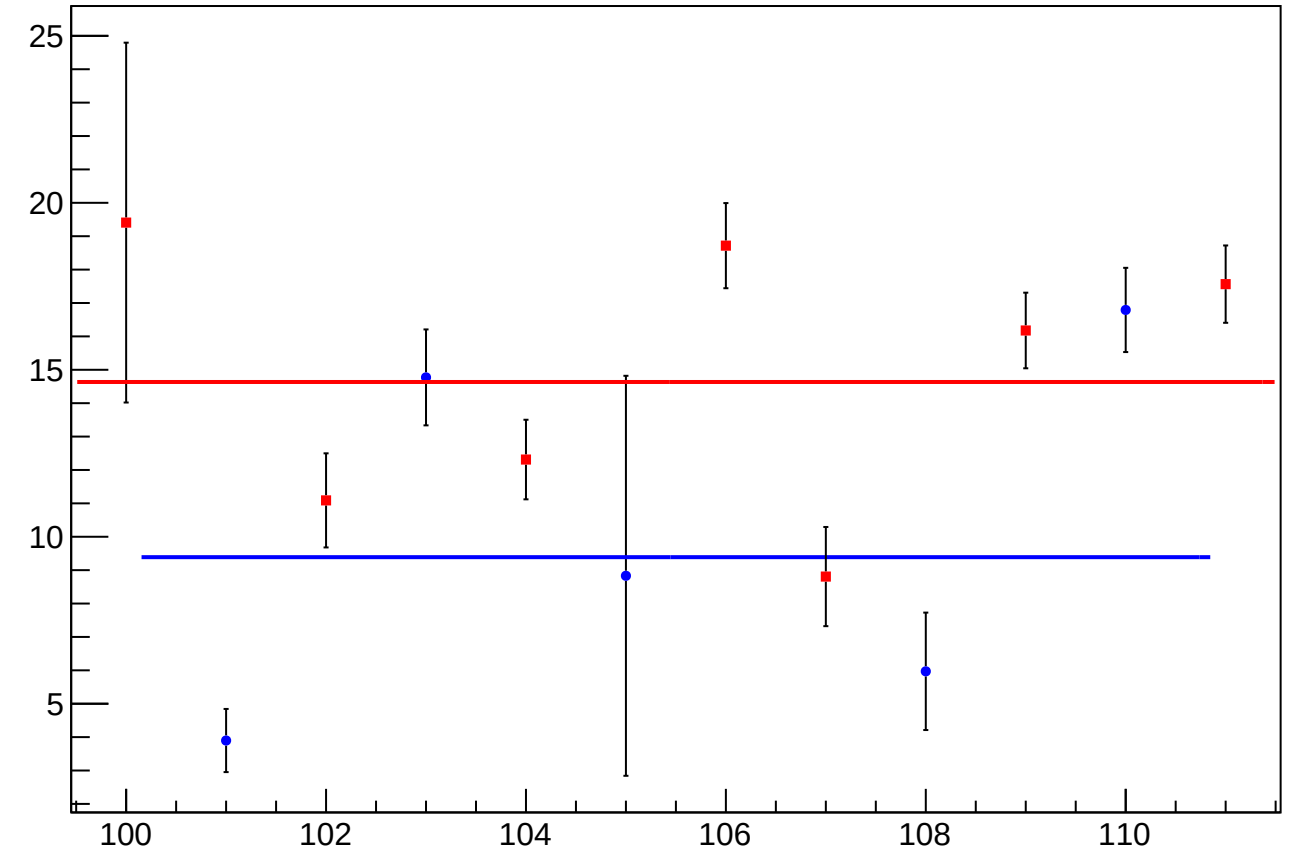
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.347+/-0.302 χ^2/NDF: 24.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-7.850+/-0.359 χ^2/NDF: 48.9/4

-8.347+/-0.302 χ^2/NDF: 24.3/6



Right In: 9.389+/-0.622 χ^2/NDF: 86.0/4

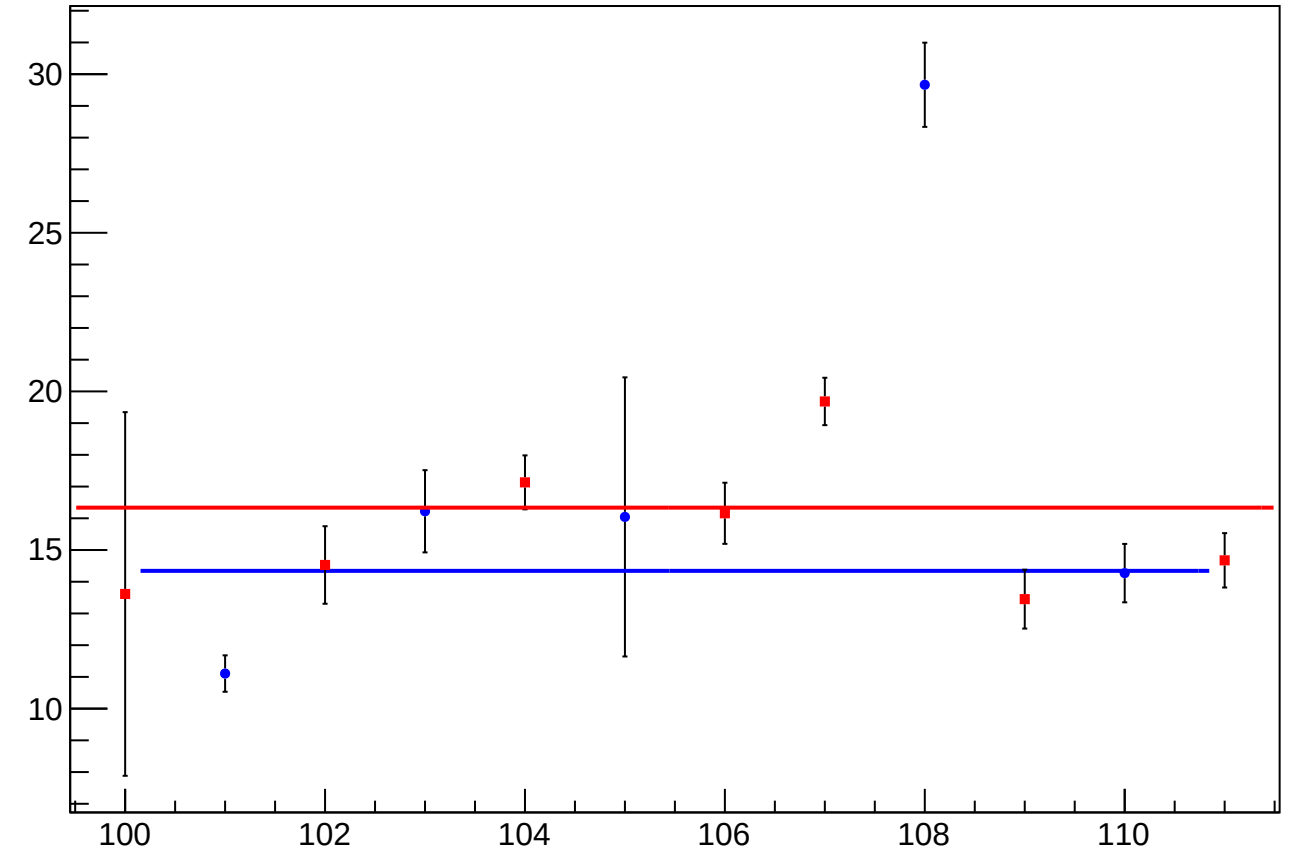
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.635+/-0.510 χ^2/NDF: 44.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

9.389+/-0.622 χ^2/NDF: 86.0/4

14.635+/-0.510 χ^2/NDF: 44.8/6



Right In: 14.343+/-0.429 χ^2/NDF: 167.3/4

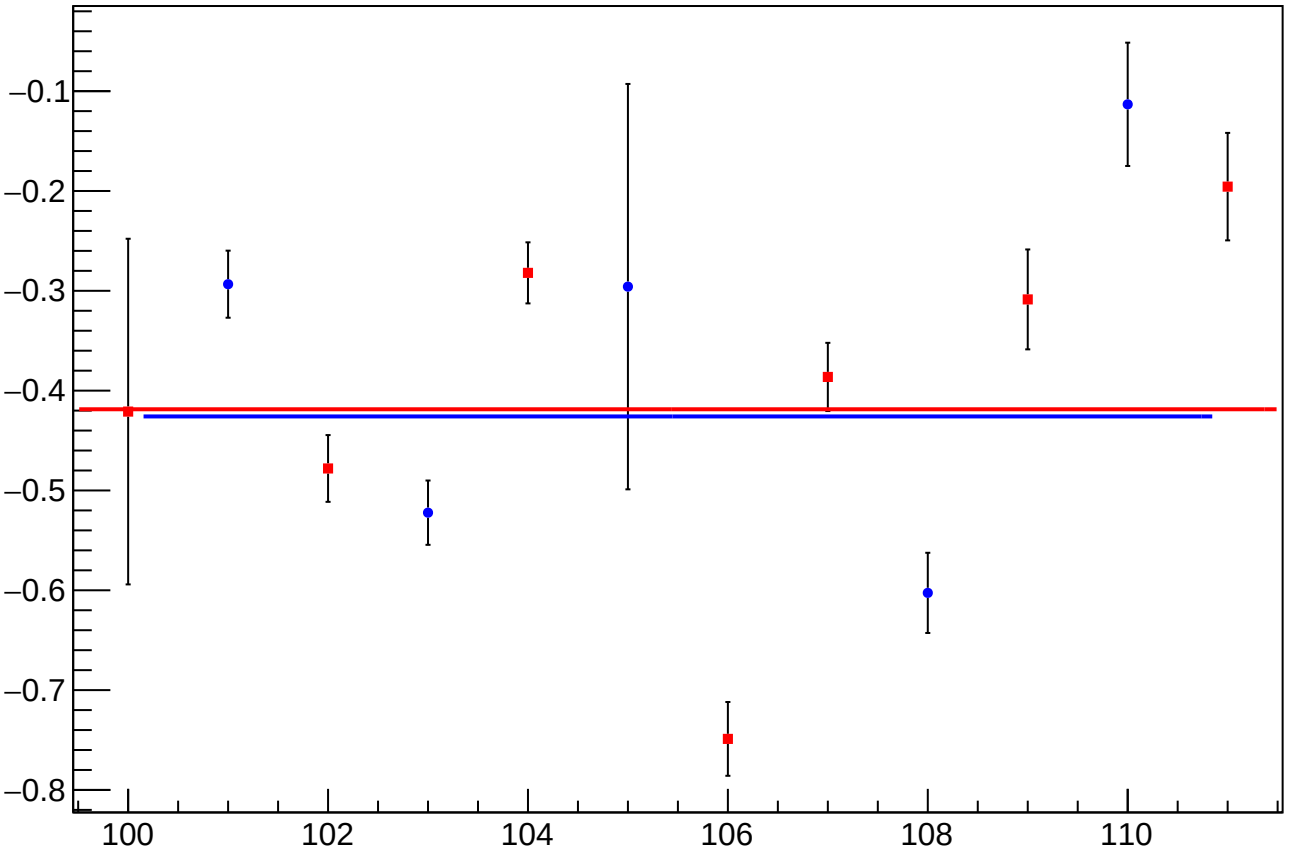
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.336+/-0.366 χ^2/NDF: 36.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

14.343+/-0.429 χ^2/NDF: 167.3/4

16.336+/-0.366 χ^2/NDF: 36.8/6



Right In: -0.426+/-0.019 χ^2/NDF: 69.9/4

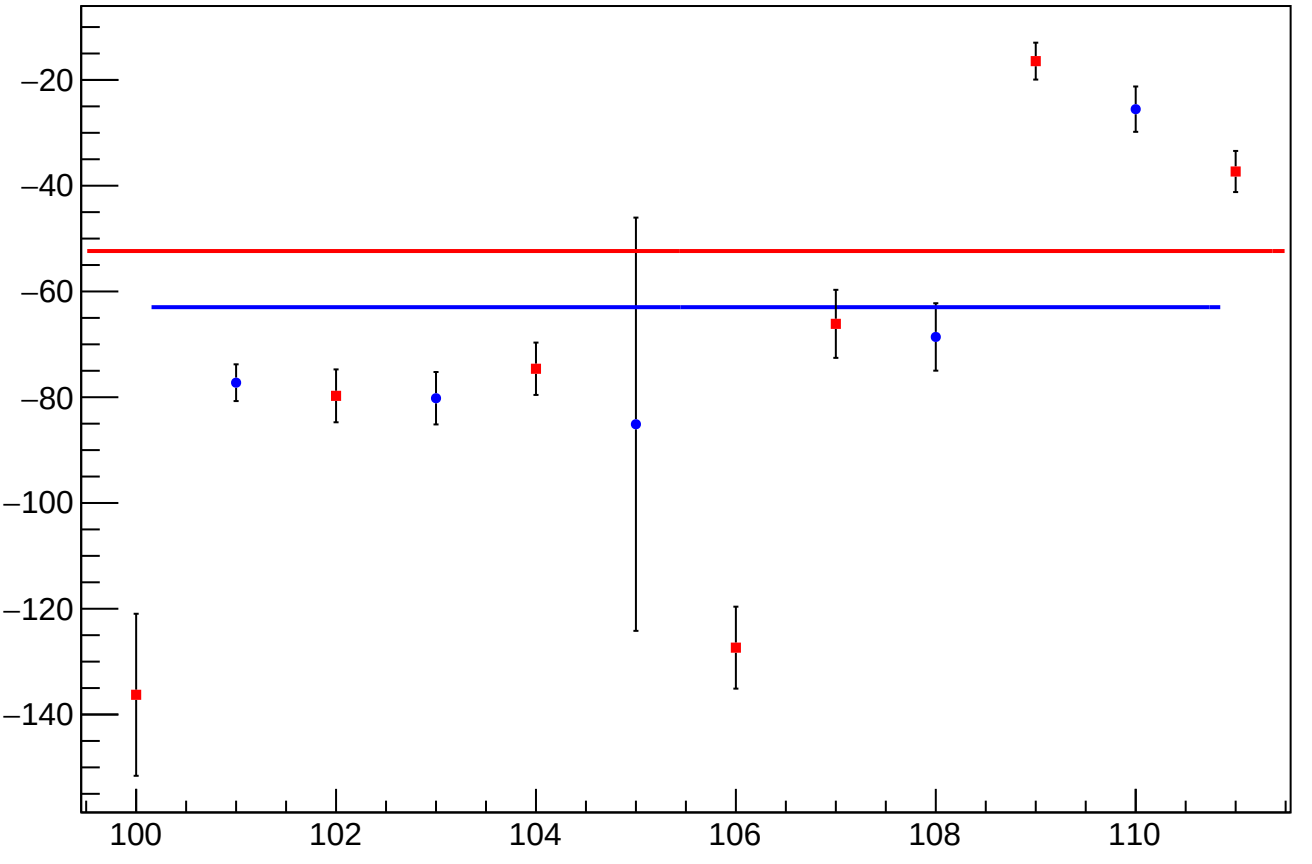
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.419+/-0.015 χ^2/NDF: 125.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.426+/-0.019 χ^2/NDF: 69.9/4

-0.419+/-0.015 χ^2/NDF: 125.8/6



Right In: -62.971+/-2.218 χ^2/NDF: 106.3/4

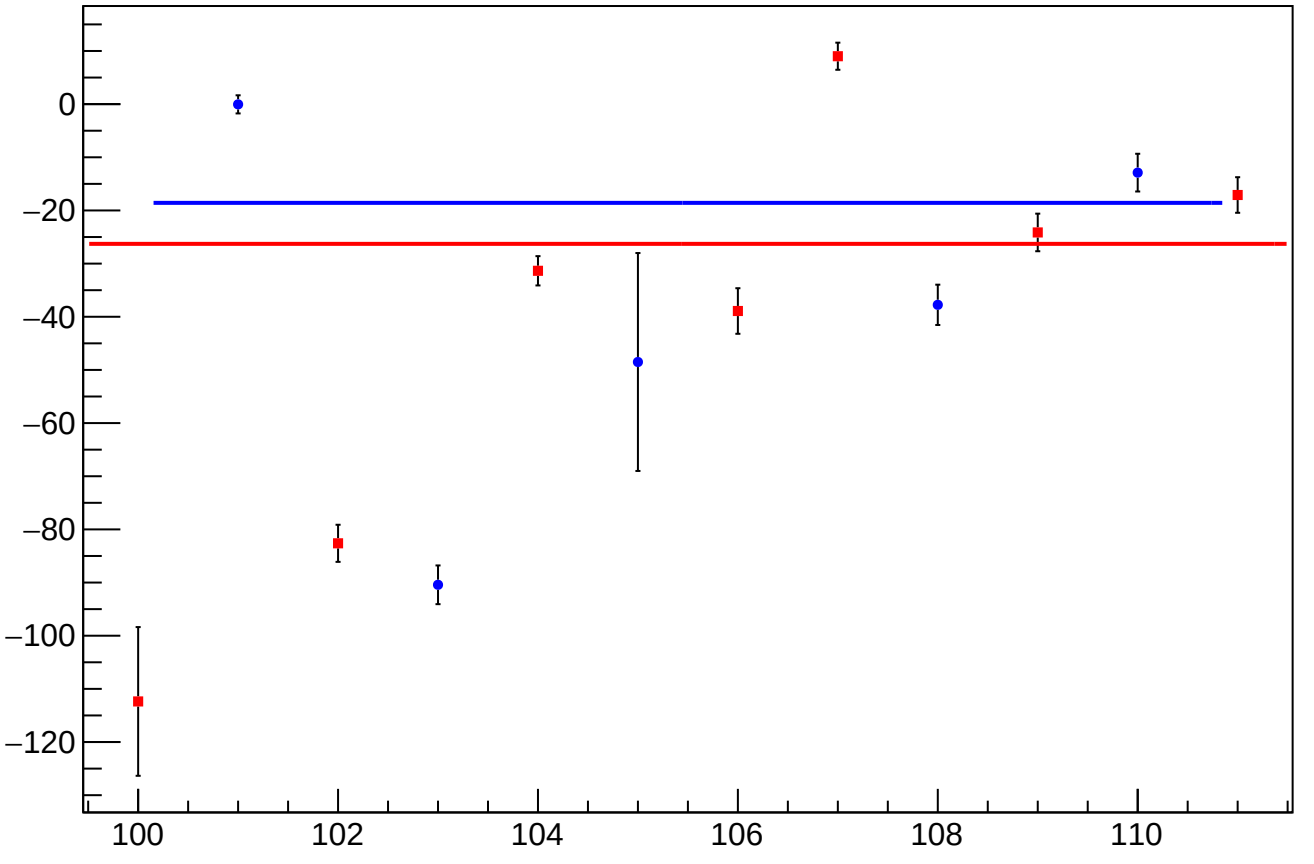
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -52.354+/-1.910 χ^2/NDF: 299.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-62.971+/-2.218 χ^2/NDF: 106.3/4

-52.354+/-1.910 χ^2/NDF: 299.3/6



Right In: -18.571+/-1.324 χ^2/NDF: 537.5/4

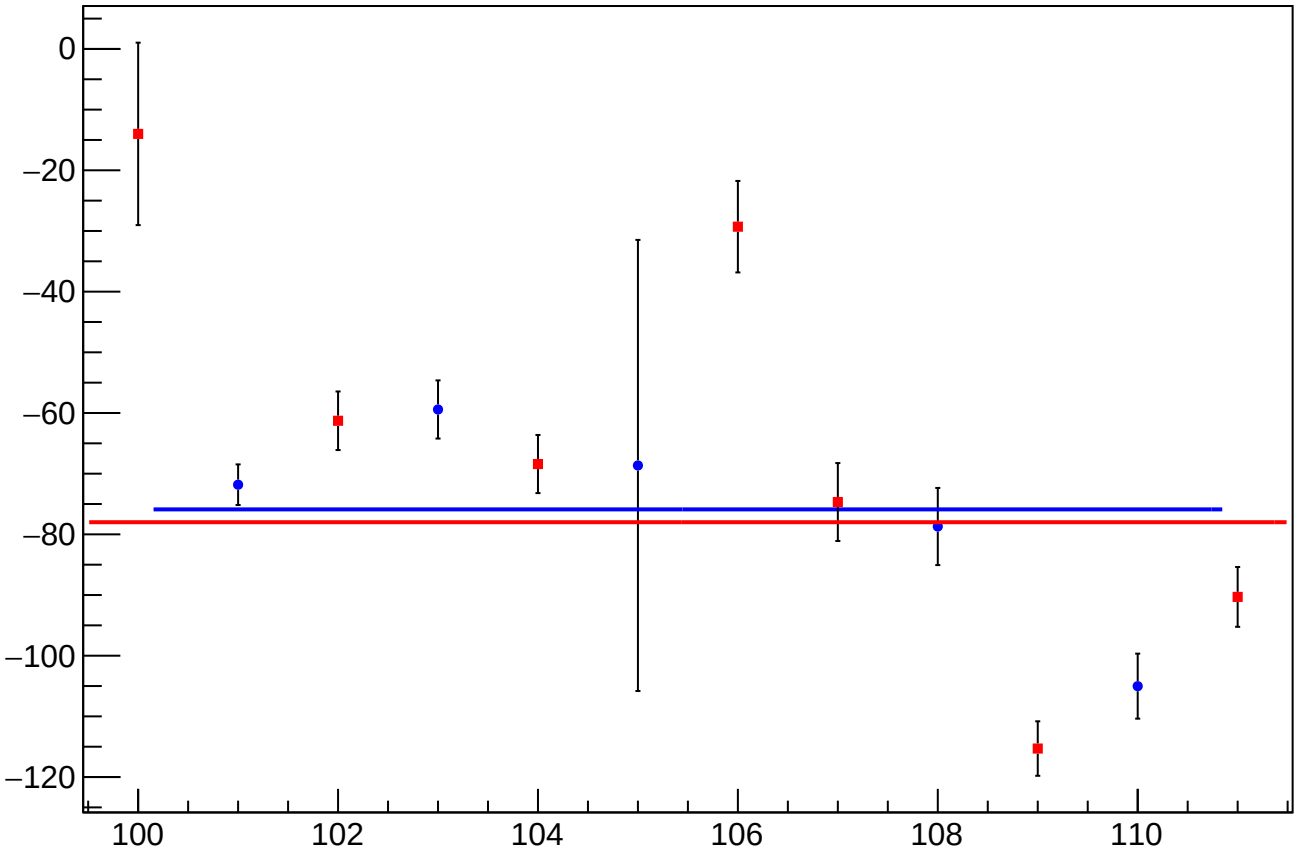
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

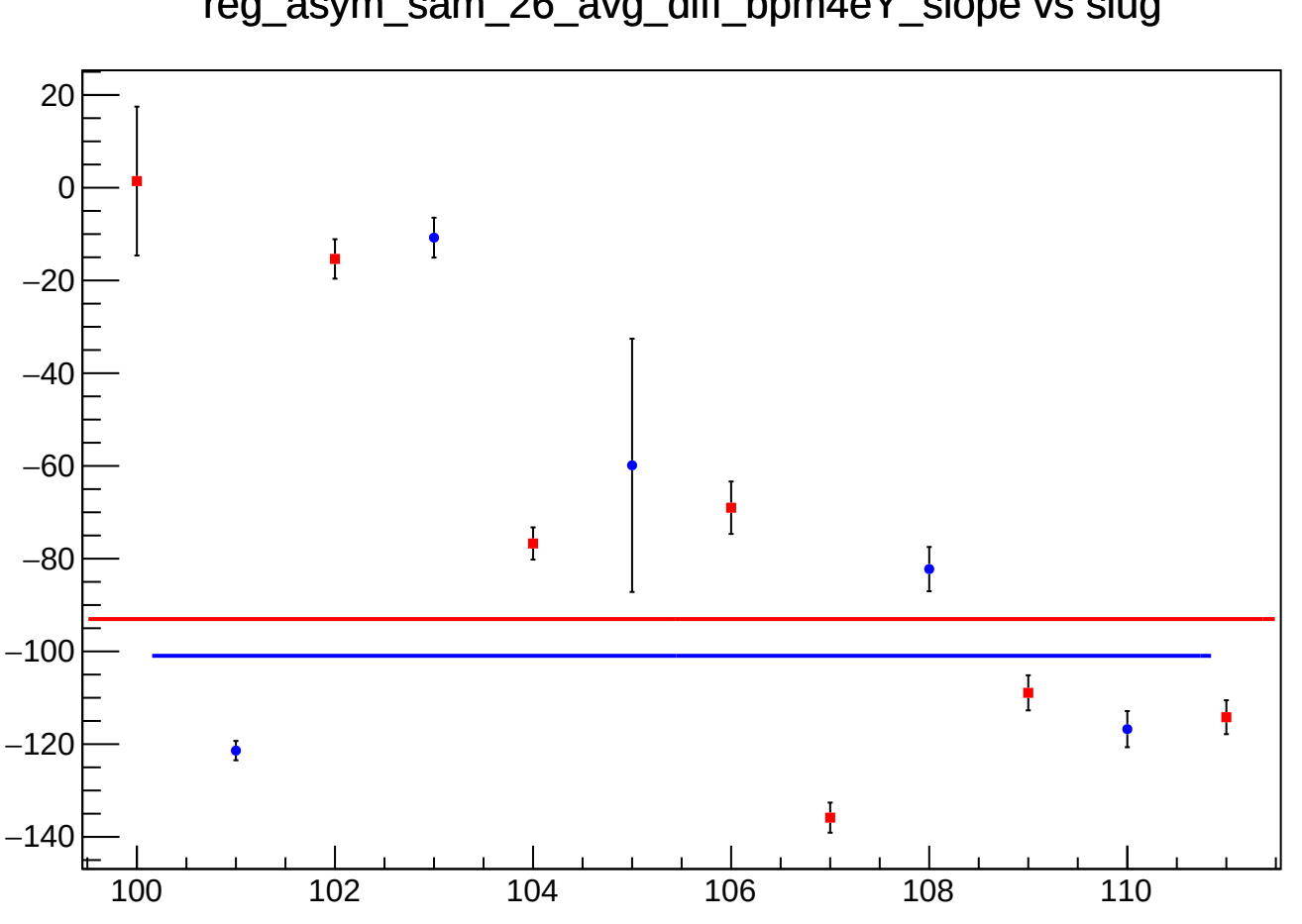
Right Out: -26.284+/-1.295 χ^2/NDF: 510.0/6

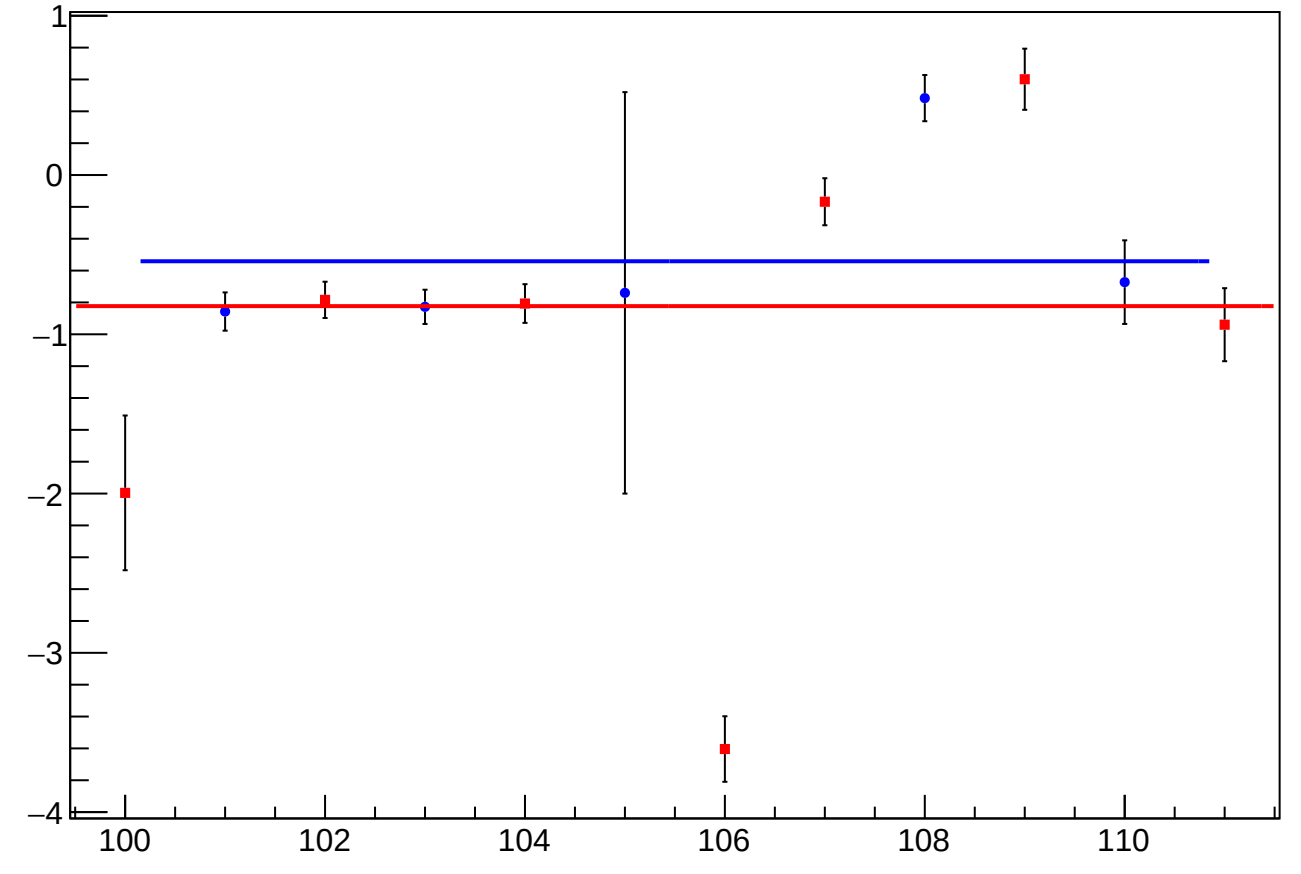
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-18.571+/-1.324 χ^2/NDF: 537.5/4

-26.284+/-1.295 χ^2/NDF: 510.0/6


reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug
0
−20
−40
−60
−80
−100
−120
100
102
104
106
108
110
Right In: -75.886+/-2.276 χ²/NDF: 43.1/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -78.000+/-2.115 χ²/NDF: 151.4/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-75.886+/-2.276 χ²/NDF: 43.1/4
-78.000+/-2.115 χ²/NDF: 151.4/6


reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug
20
0
−20
−40
−60
−80
−100
−120
−140
100
102
104
106
108
110
Right In: -100.951+/-1.590 χ²/NDF: 569.9/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -93.023+/-1.555 χ²/NDF: 634.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-100.951+/-1.590 χ²/NDF: 569.9/4
-93.023+/-1.555 χ²/NDF: 634.2/6



Right In: -0.541+/-0.068 χ^2/NDF: 64.1/4

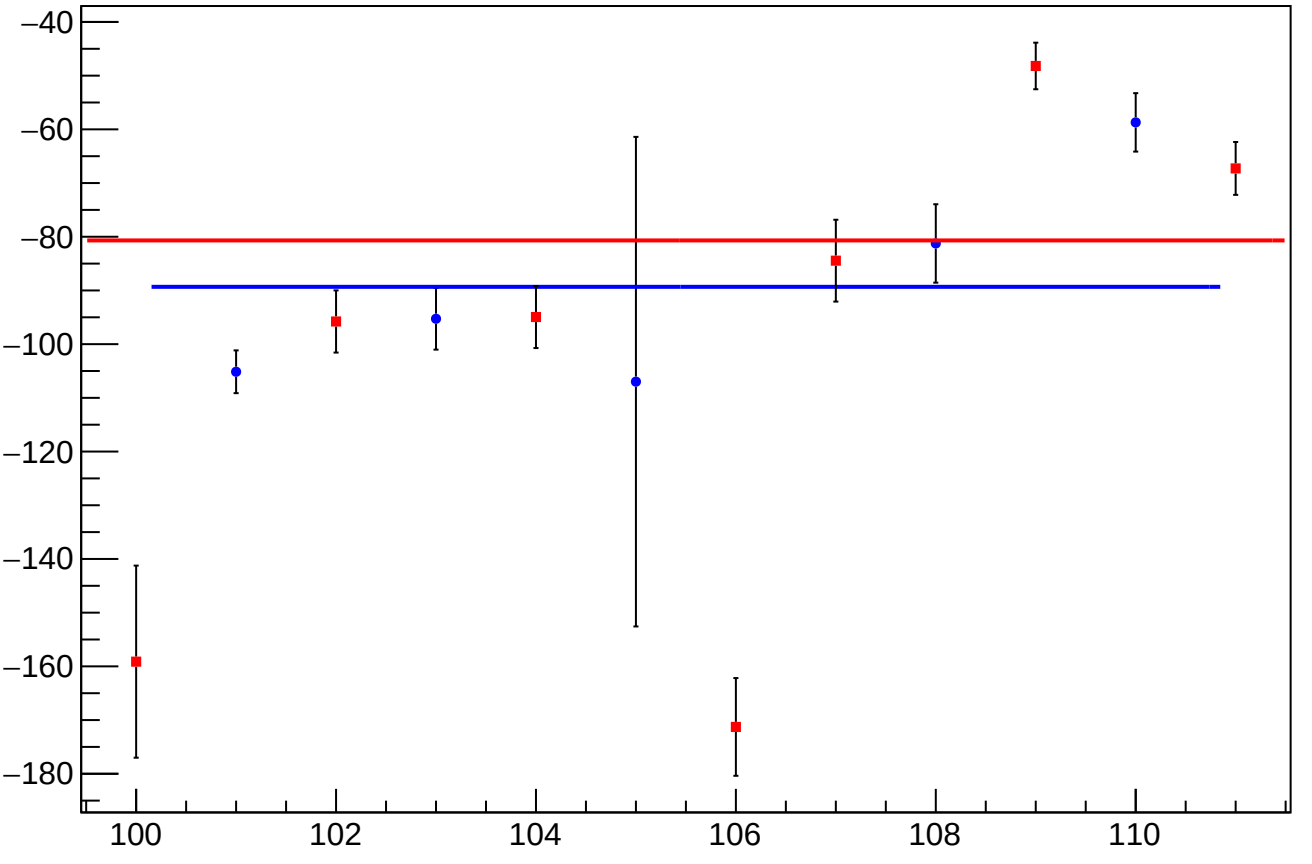
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.823+/-0.061 χ^2/NDF: 263.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.541+/-0.068 χ^2/NDF: 64.1/4

-0.823+/-0.061 χ^2/NDF: 263.7/6



Right In: -89.325+/-2.614 χ^2/NDF: 49.9/4

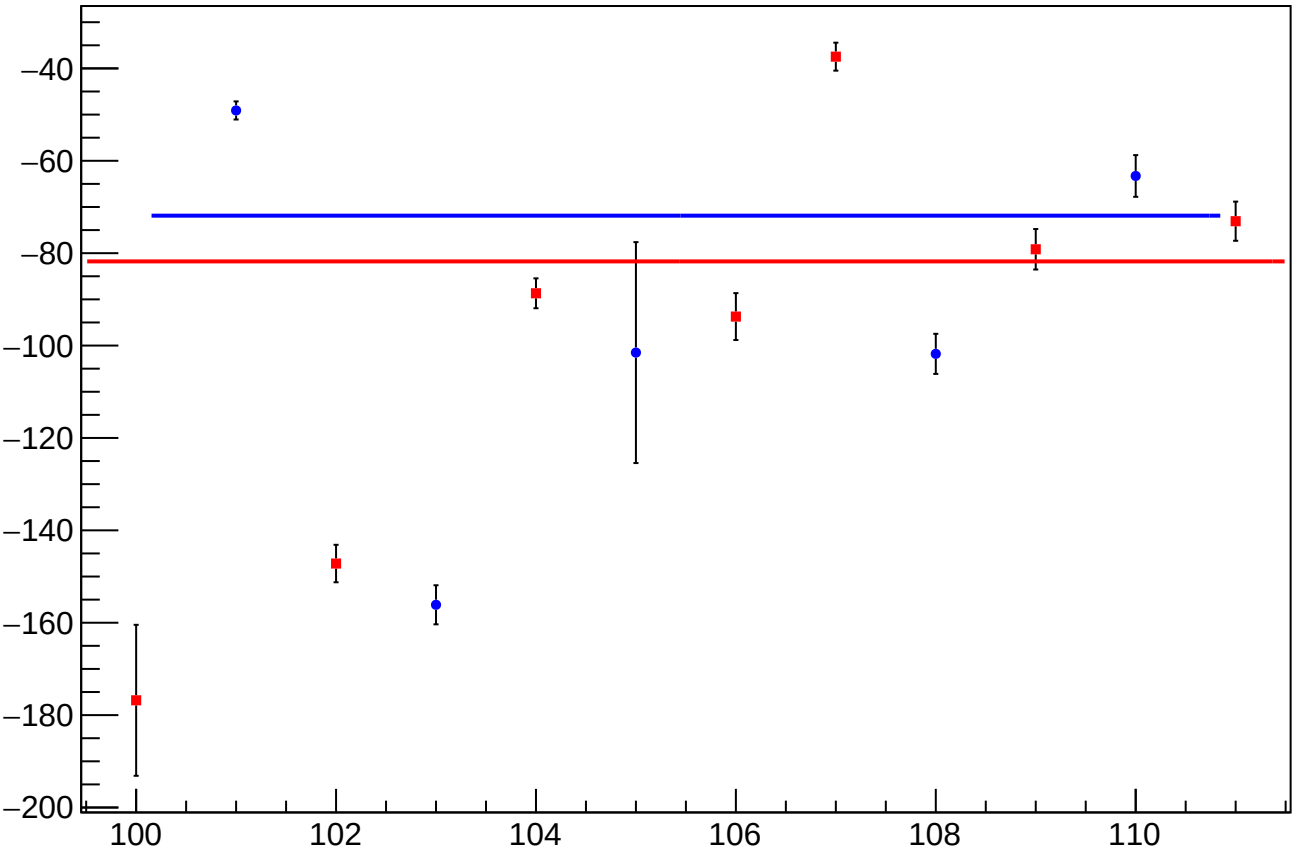
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -80.685+/-2.315 χ^2/NDF: 195.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-89.325+/-2.614 χ^2/NDF: 49.9/4

-80.685+/-2.315 χ^2/NDF: 195.0/6



Right In: -71.879+/-1.542 χ^2/NDF: 584.9/4

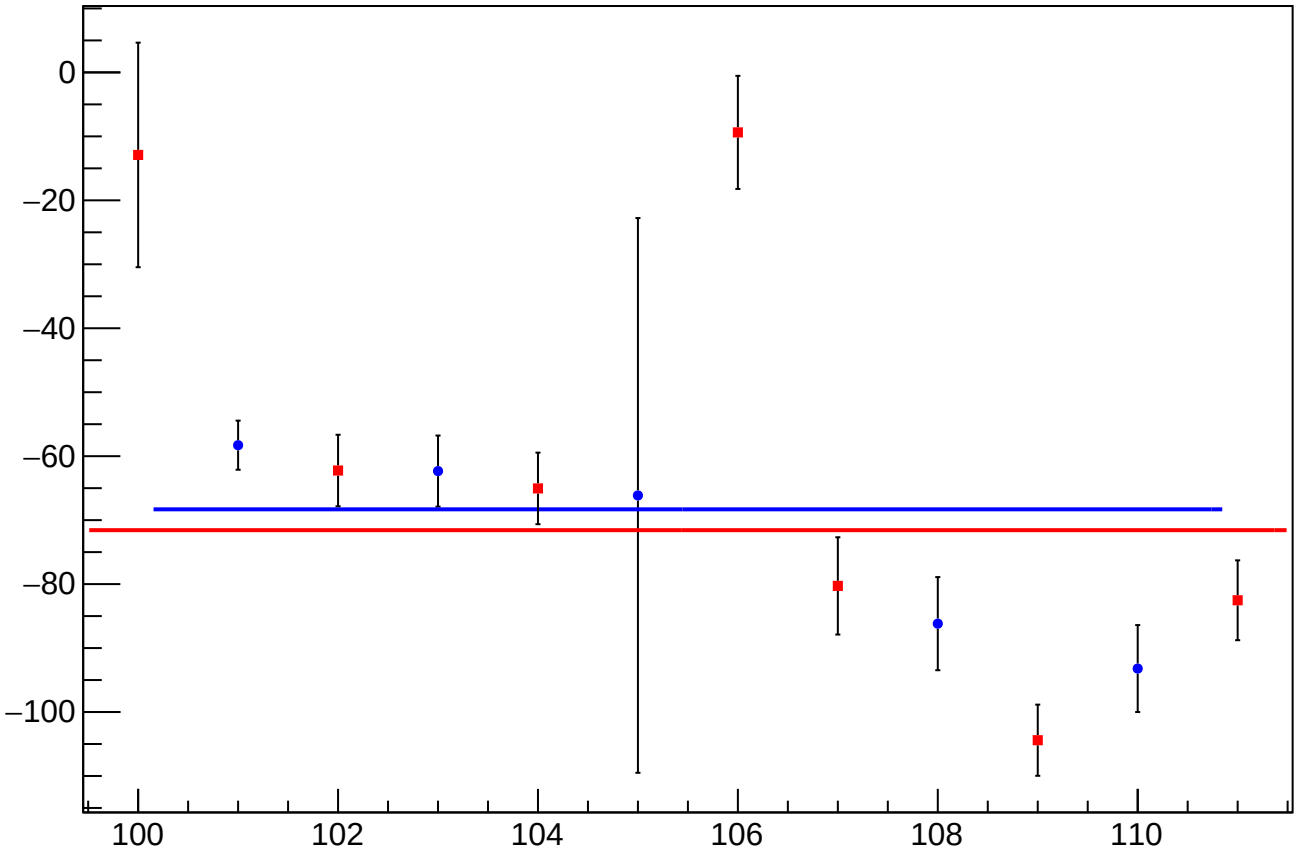
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

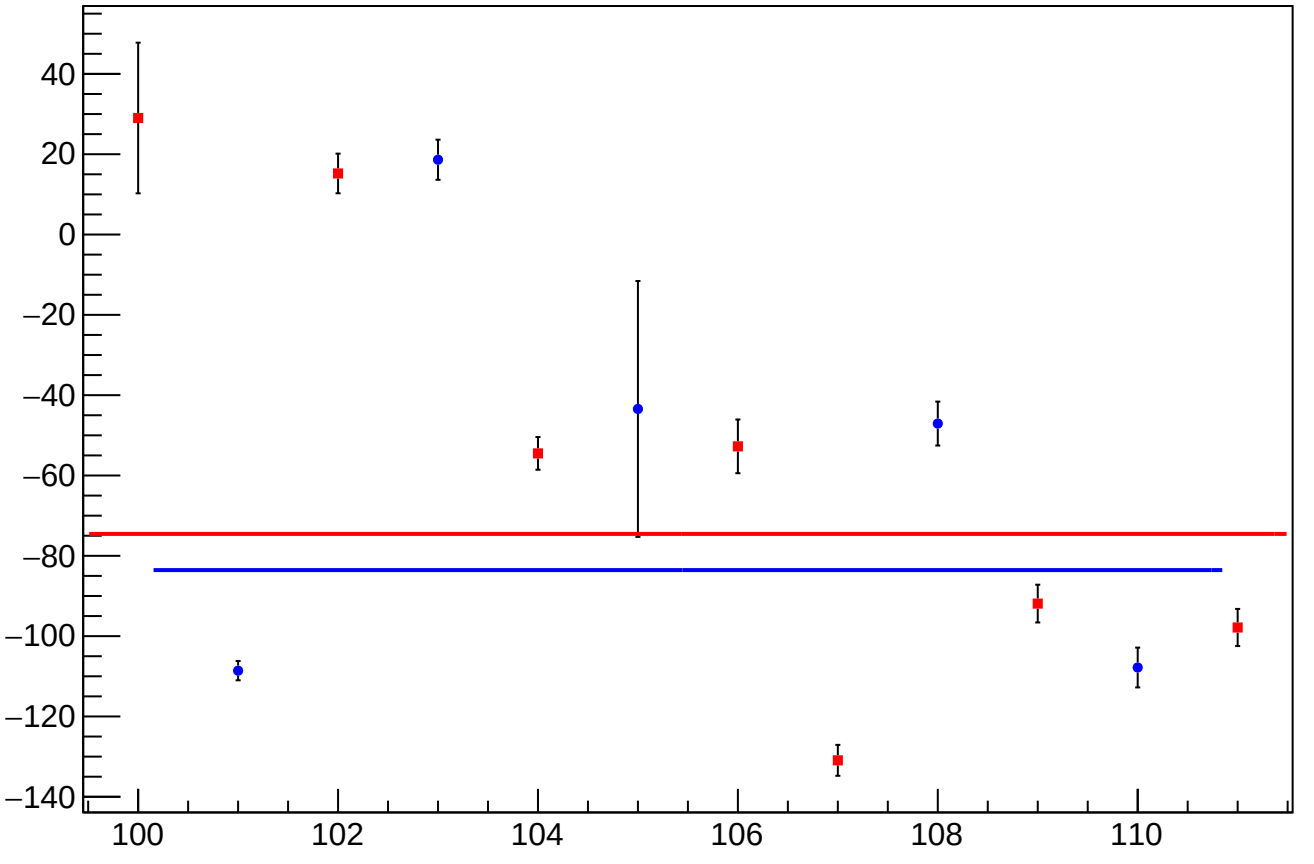
Right Out: -81.780+/-1.551 χ^2/NDF: 522.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-71.879+/-1.542 χ^2/NDF: 584.9/4

-81.780+/-1.551 χ^2/NDF: 522.9/6


reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug
0
−20
−40
−60
−80
−100
100
102
104
106
108
110
Right In: -68.312+/-2.660 χ²/NDF: 27.4/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -71.569+/-2.538 χ²/NDF: 104.0/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-68.312+/-2.660 χ²/NDF: 27.4/4
-71.569+/-2.538 χ²/NDF: 104.0/6



Right In: -83.552+/-1.858 χ^2/NDF: 598.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

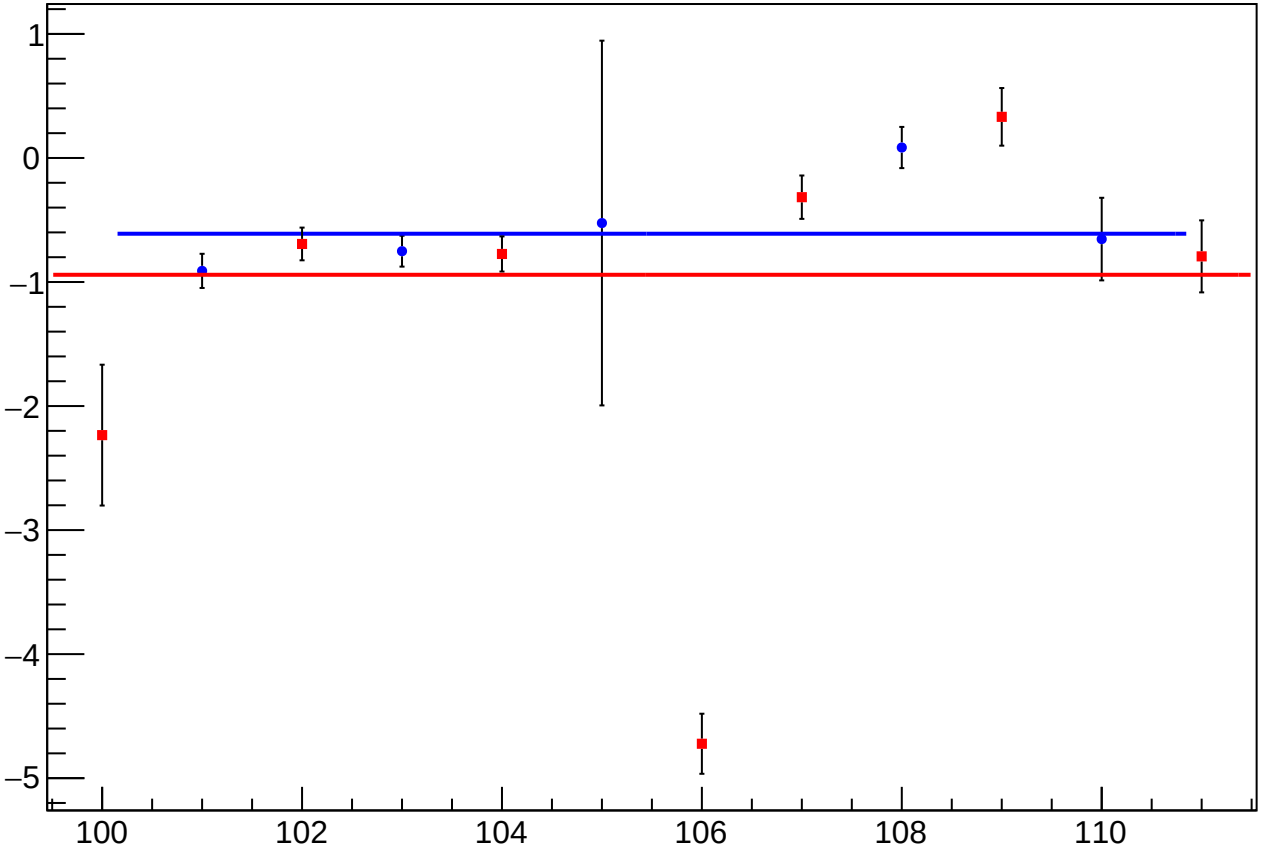
Right Out: -74.545+/-1.869 χ^2/NDF: 649.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-83.552+/-1.858 χ^2/NDF: 598.4/4

-74.545+/-1.869 χ^2/NDF: 649.5/6

reg_asym_sam_26_dd_diff_bpm12X_slope vs slug



Right In: -0.611+/-0.078 χ^2/NDF: 23.5/4

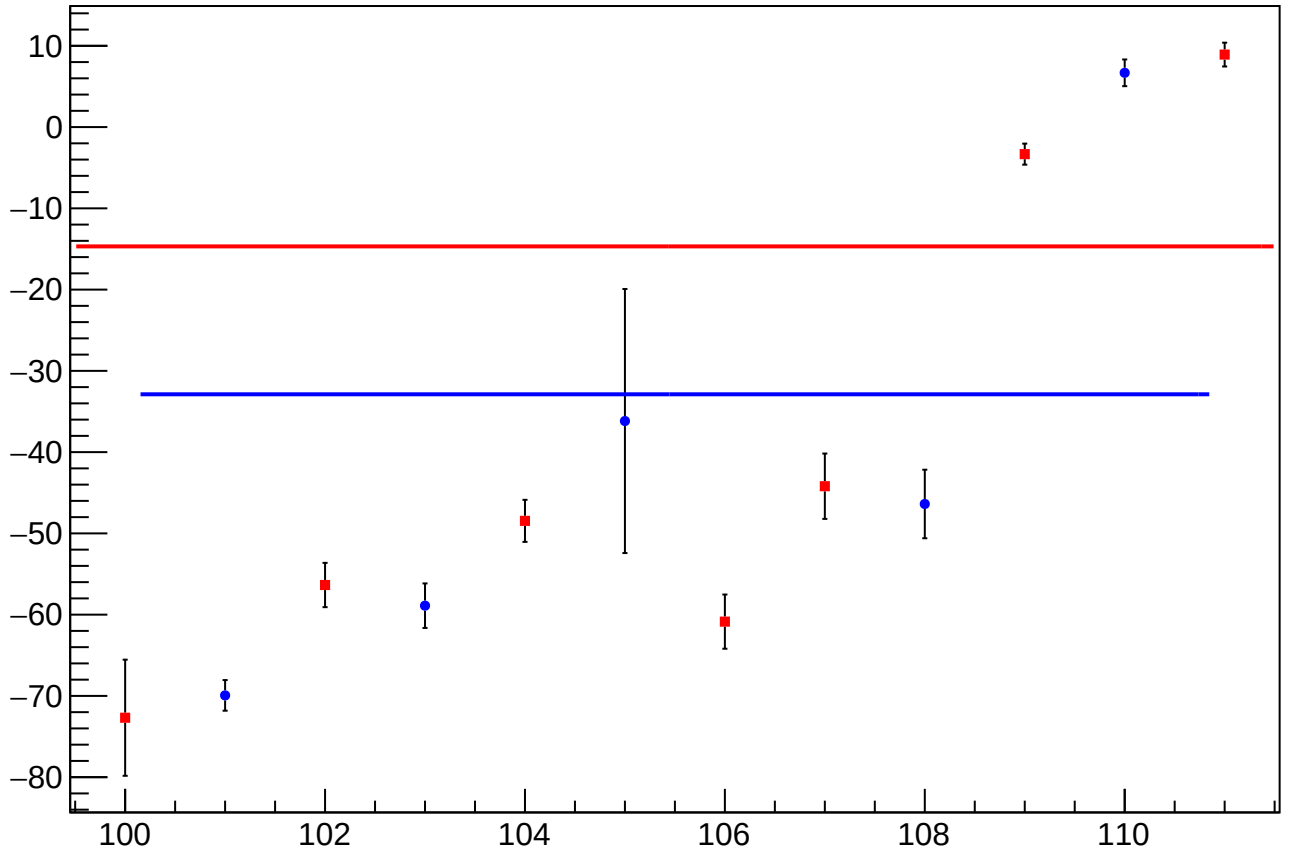
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.942+/-0.072 χ^2/NDF: 297.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.611+/-0.078 χ^2/NDF: 23.5/4

-0.942+/-0.072 χ^2/NDF: 297.0/6



Right In: -32.884+/-1.088 χ^2/NDF: 1066.7/4

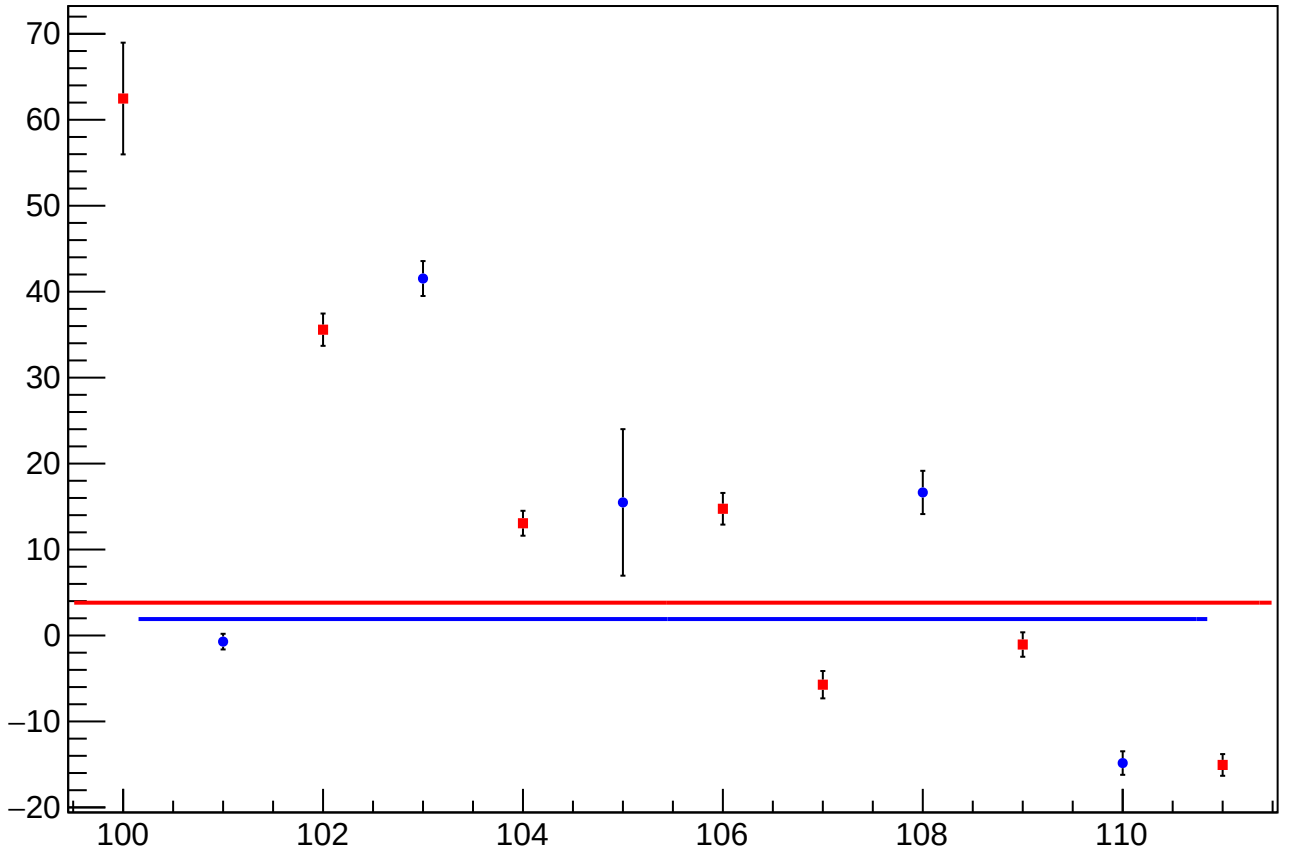
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.682+/-0.812 χ^2/NDF: 1051.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-32.884+/-1.088 χ^2/NDF: 1066.7/4

-14.682+/-0.812 χ^2/NDF: 1051.9/6



Right In: 1.912+/-0.681 χ^2/NDF: 575.1/4

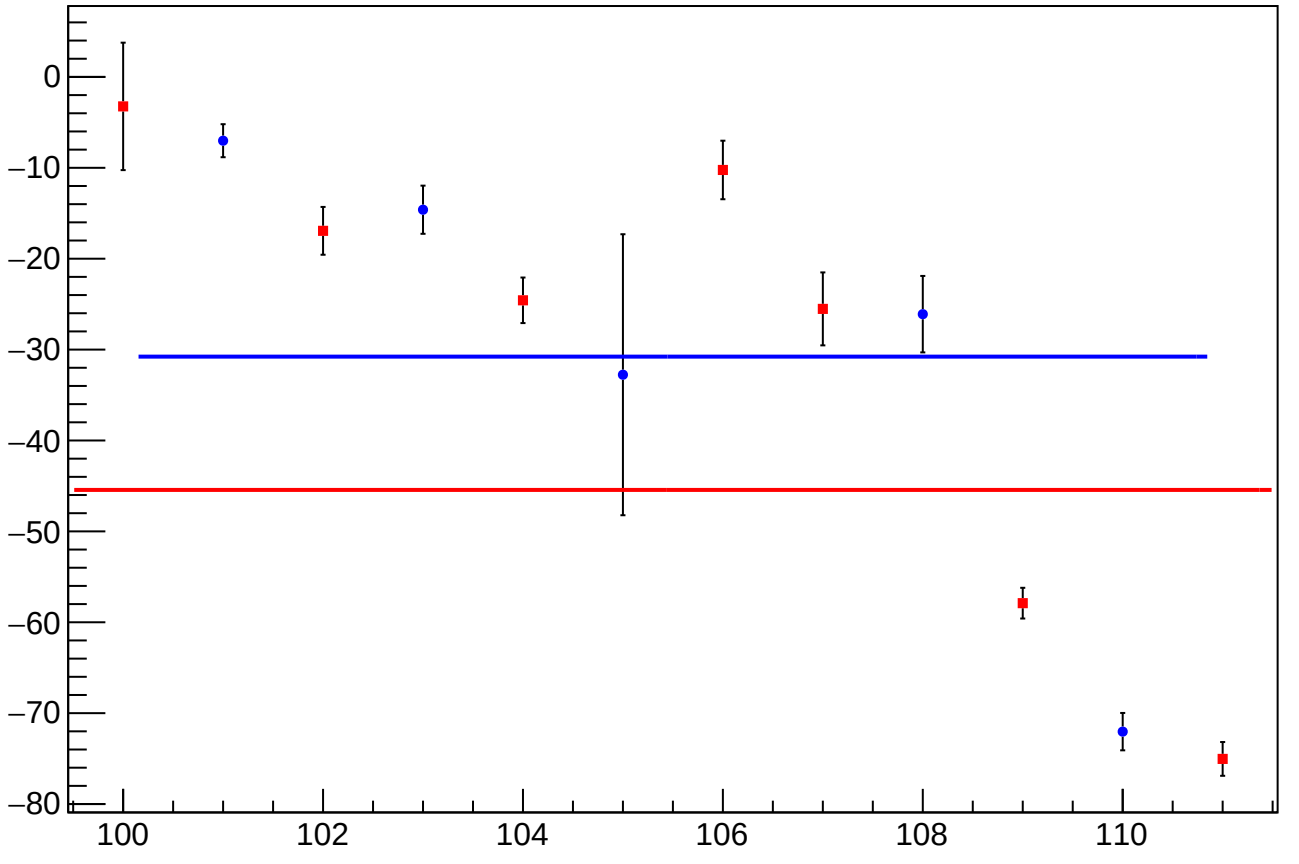
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.816+/-0.621 χ^2/NDF: 714.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.912+/-0.681 χ^2/NDF: 575.1/4

3.816+/-0.621 χ^2/NDF: 714.0/6



Right In: -30.774+/-1.160 χ^2/NDF: 612.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

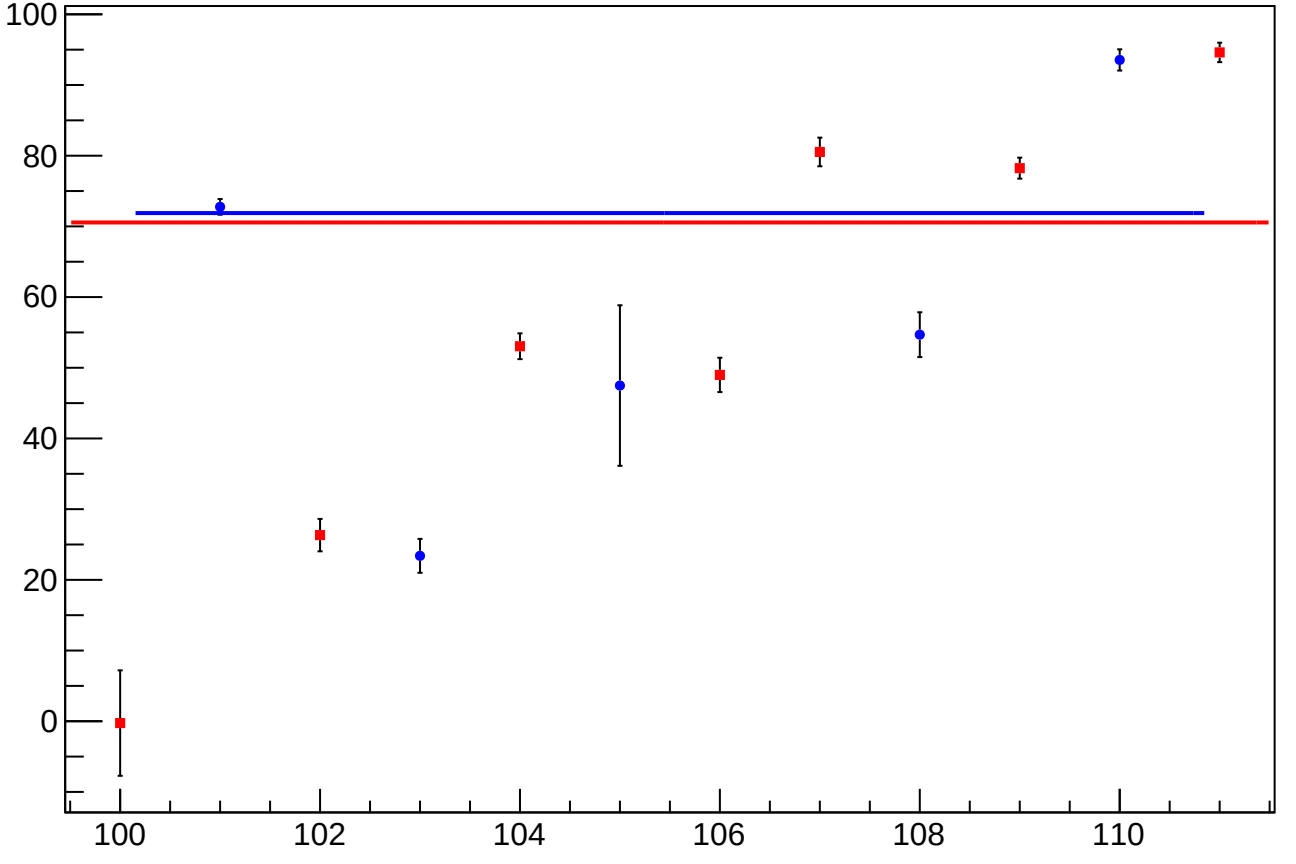
Right Out: -45.439+/-0.944 χ^2/NDF: 675.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-30.774+/-1.160 χ^2/NDF: 612.2/4

-45.439+/-0.944 χ^2/NDF: 675.1/6

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 71.883+/-0.807 χ^2/NDF: 651.0/4

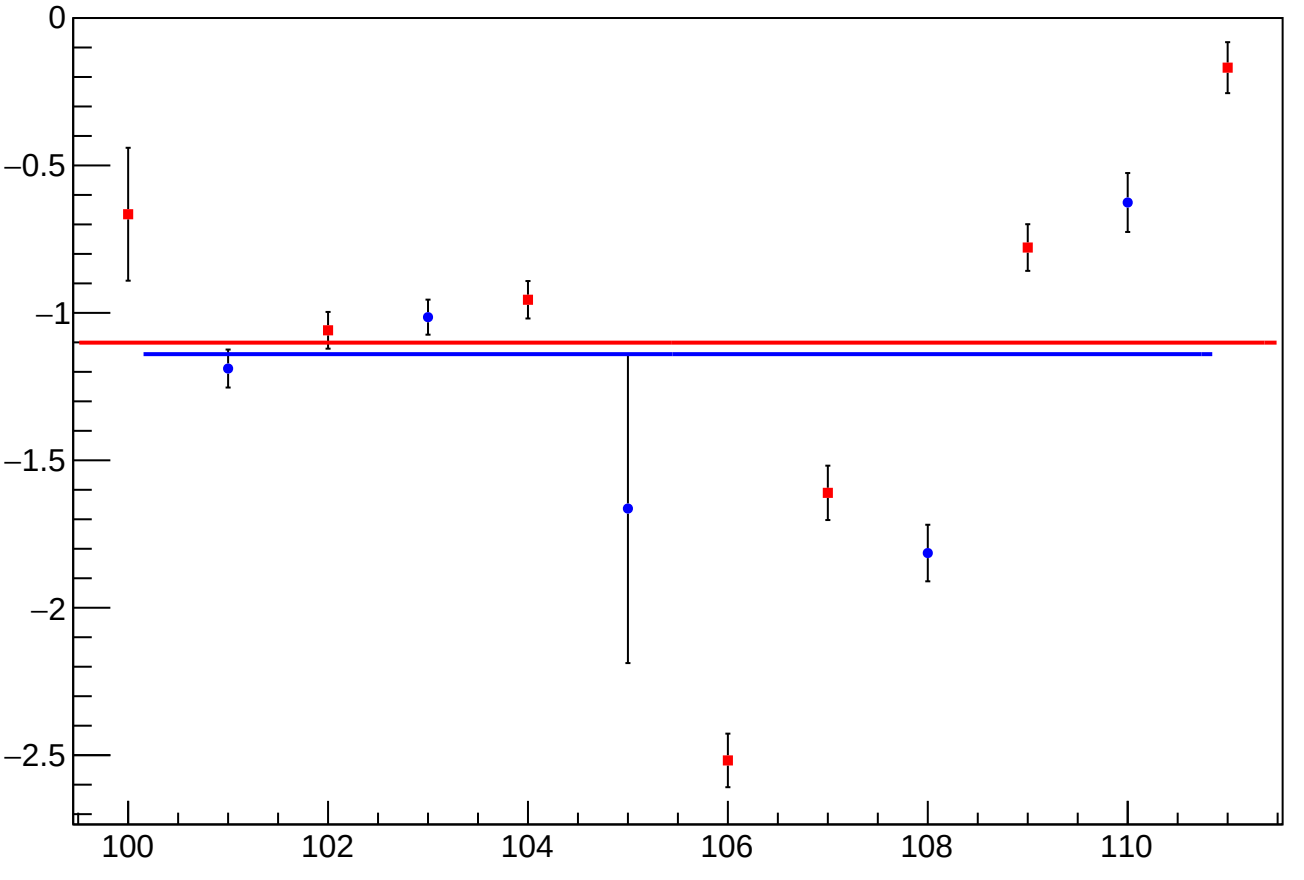
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 70.555+/-0.725 χ^2/NDF: 989.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

71.883+/-0.807 χ^2/NDF: 651.0/4

70.555+/-0.725 χ^2/NDF: 989.1/6



Right In: -1.140+/-0.037 χ^2/NDF: 82.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

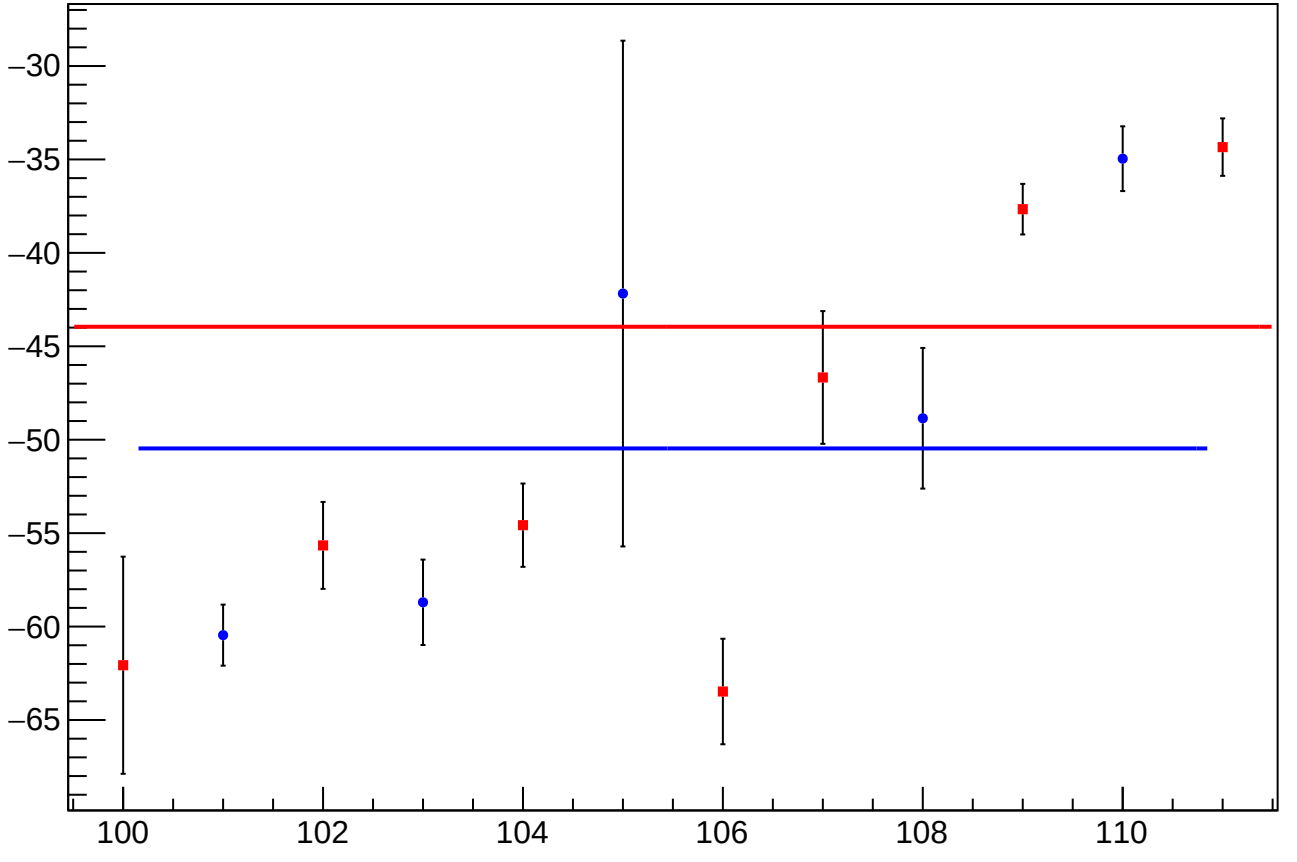
Right Out: -1.101+/-0.031 χ^2/NDF: 416.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.140+/-0.037 χ^2/NDF: 82.0/4

-1.101+/-0.031 χ^2/NDF: 416.4/6

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: -50.467+/-1.013 χ^2/NDF: 131.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

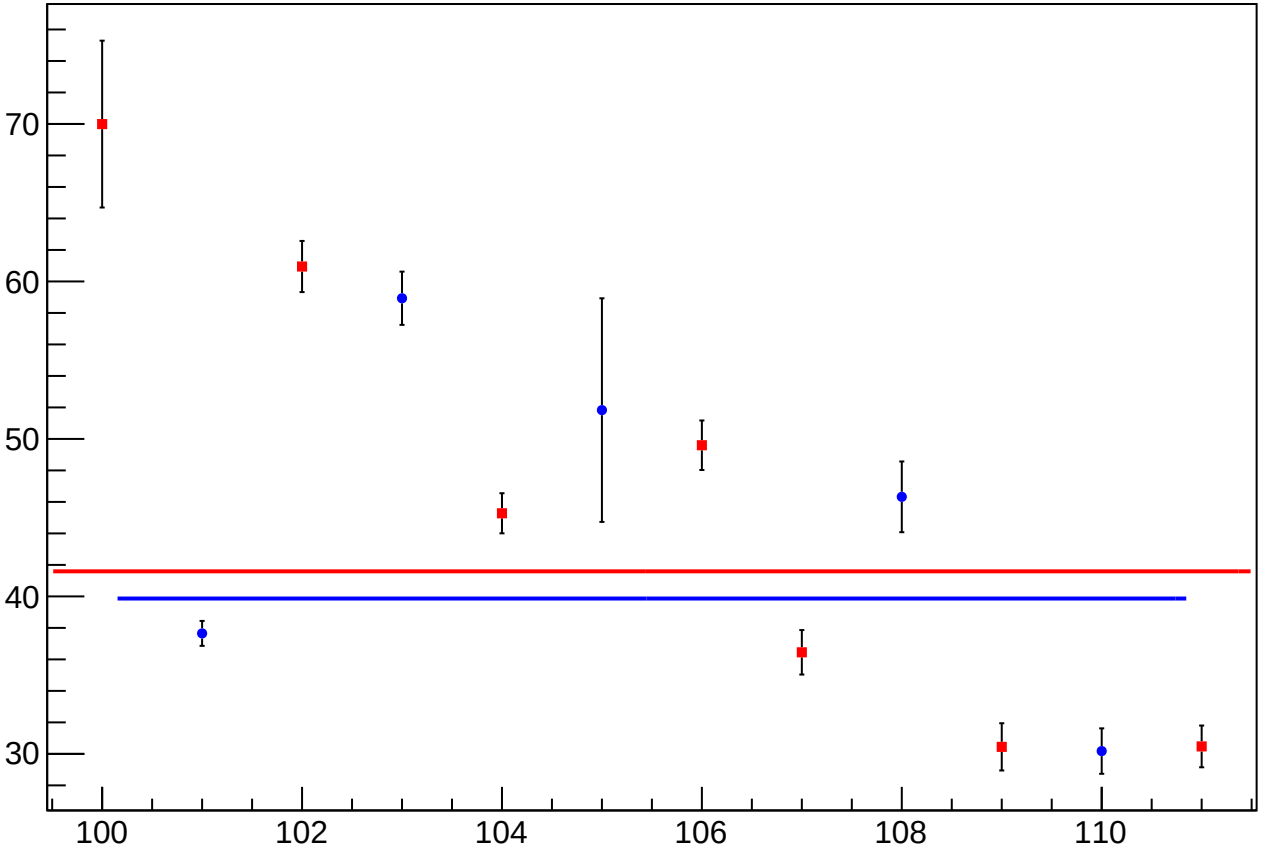
Right Out: -43.954+/-0.793 χ^2/NDF: 166.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-50.467+/-1.013 χ^2/NDF: 131.0/4

-43.954+/-0.793 χ^2/NDF: 166.8/6

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 39.865+/-0.615 χ^2/NDF: 191.3/4

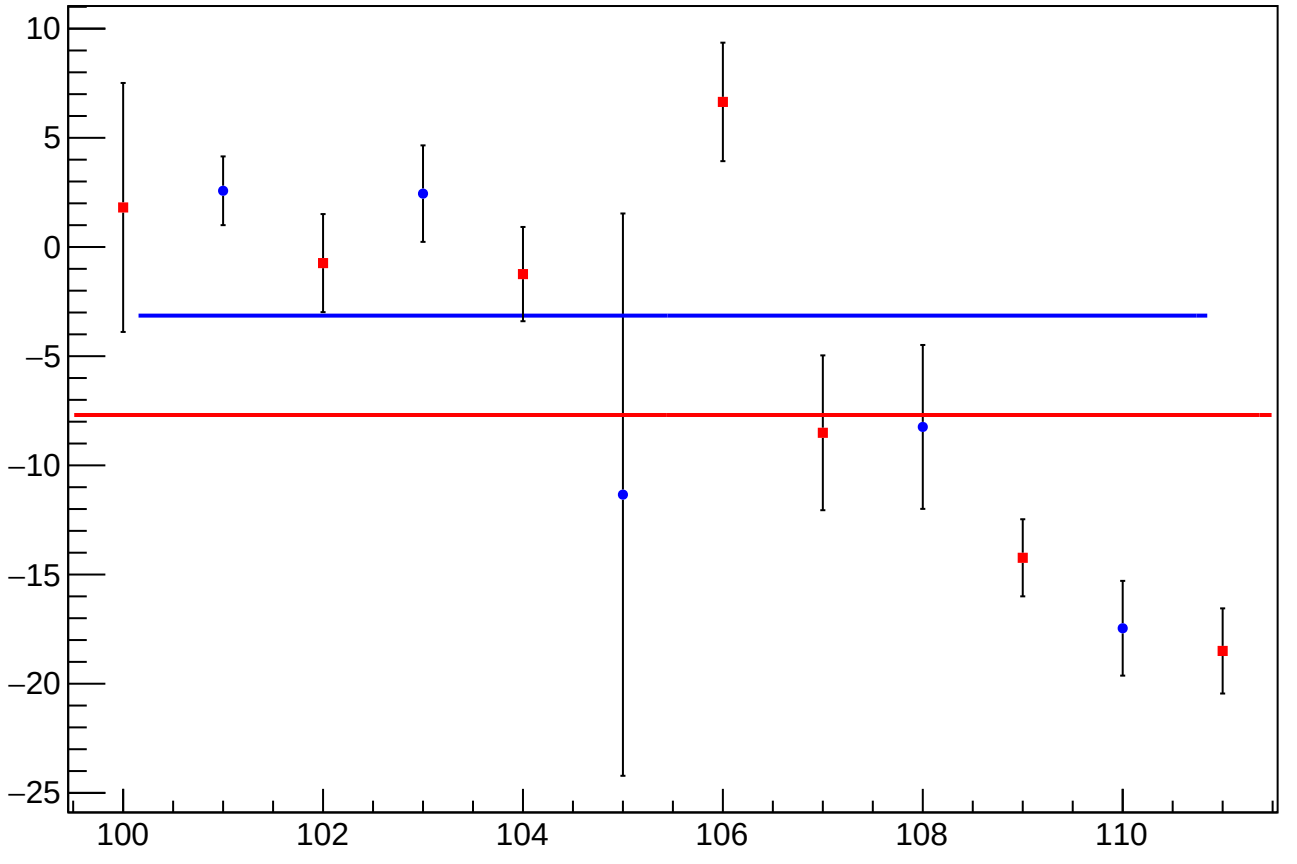
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 41.592+/-0.582 χ^2/NDF: 343.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

39.865+/-0.615 χ^2/NDF: 191.3/4

41.592+/-0.582 χ^2/NDF: 343.9/6



Right In: -3.142+/-1.055 χ^2/NDF: 65.4/4

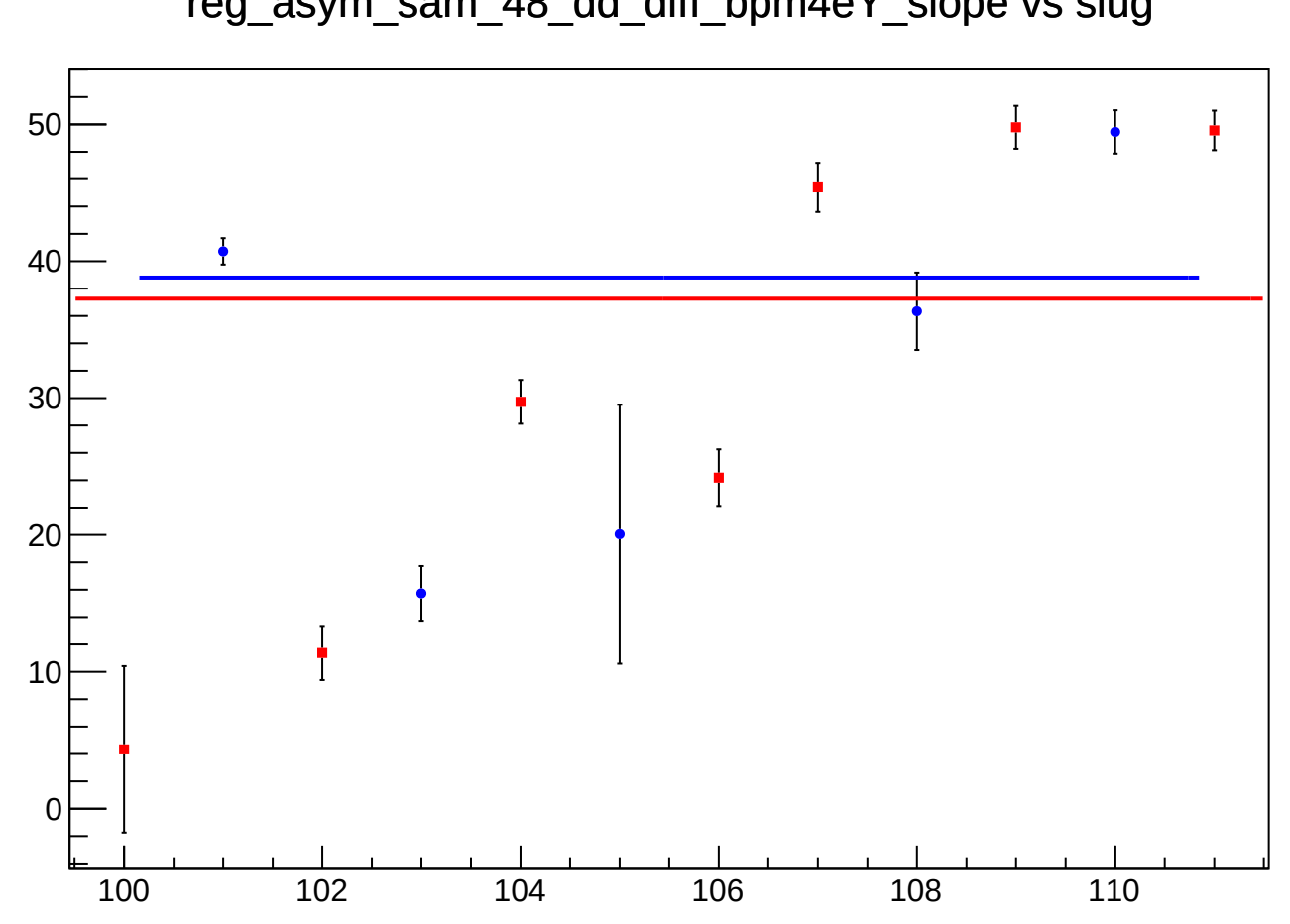
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.693+/-0.897 χ^2/NDF: 93.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.142+/-1.055 χ^2/NDF: 65.4/4

-7.693+/-0.897 χ^2/NDF: 93.7/6



Right In: 38.806+/-0.733 χ^2/NDF: 187.5/4

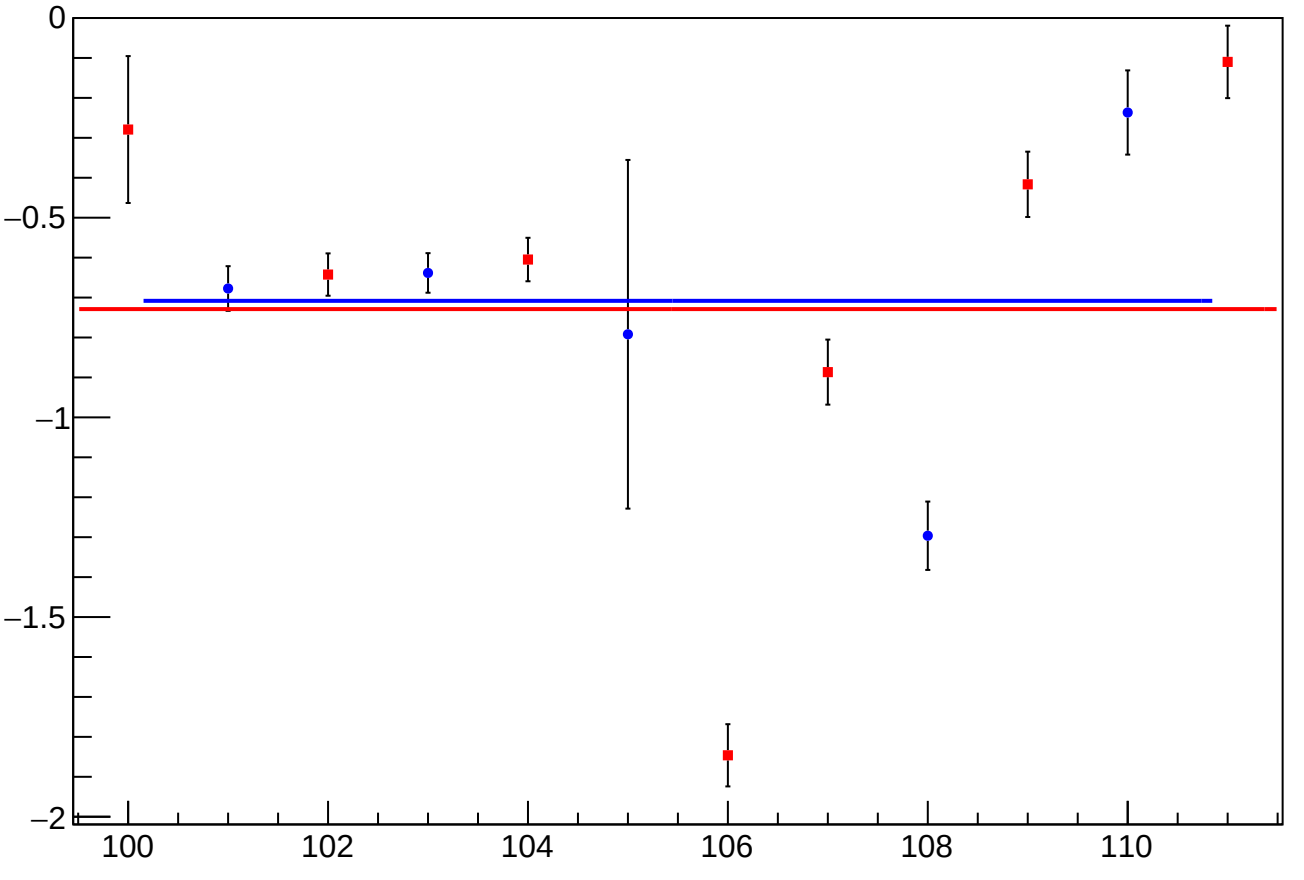
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 37.262+/-0.689 χ^2/NDF: 420.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

38.806+/-0.733 χ^2/NDF: 187.5/4

37.262+/-0.689 χ^2/NDF: 420.0/6



Right In: -0.708+/-0.032 χ^2/NDF: 69.6/4

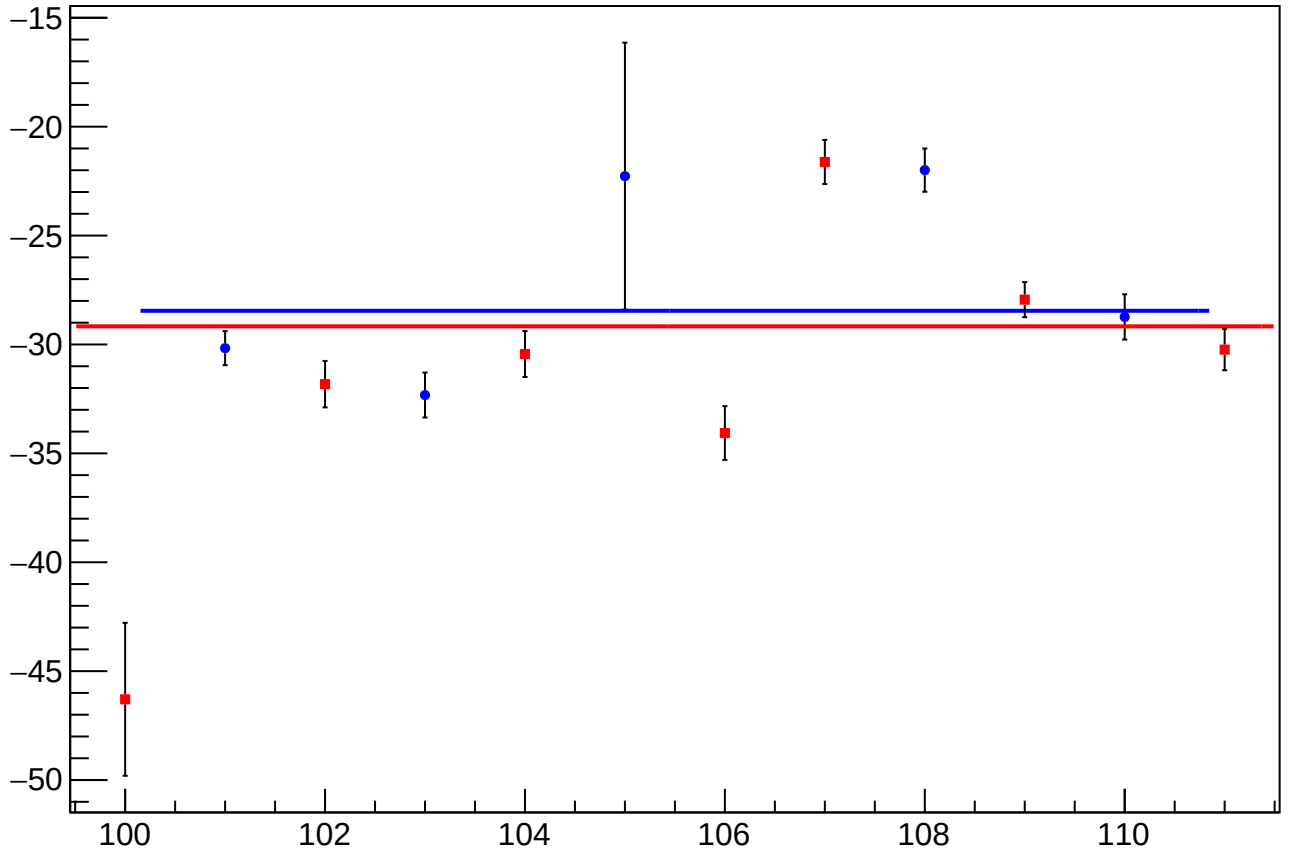
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

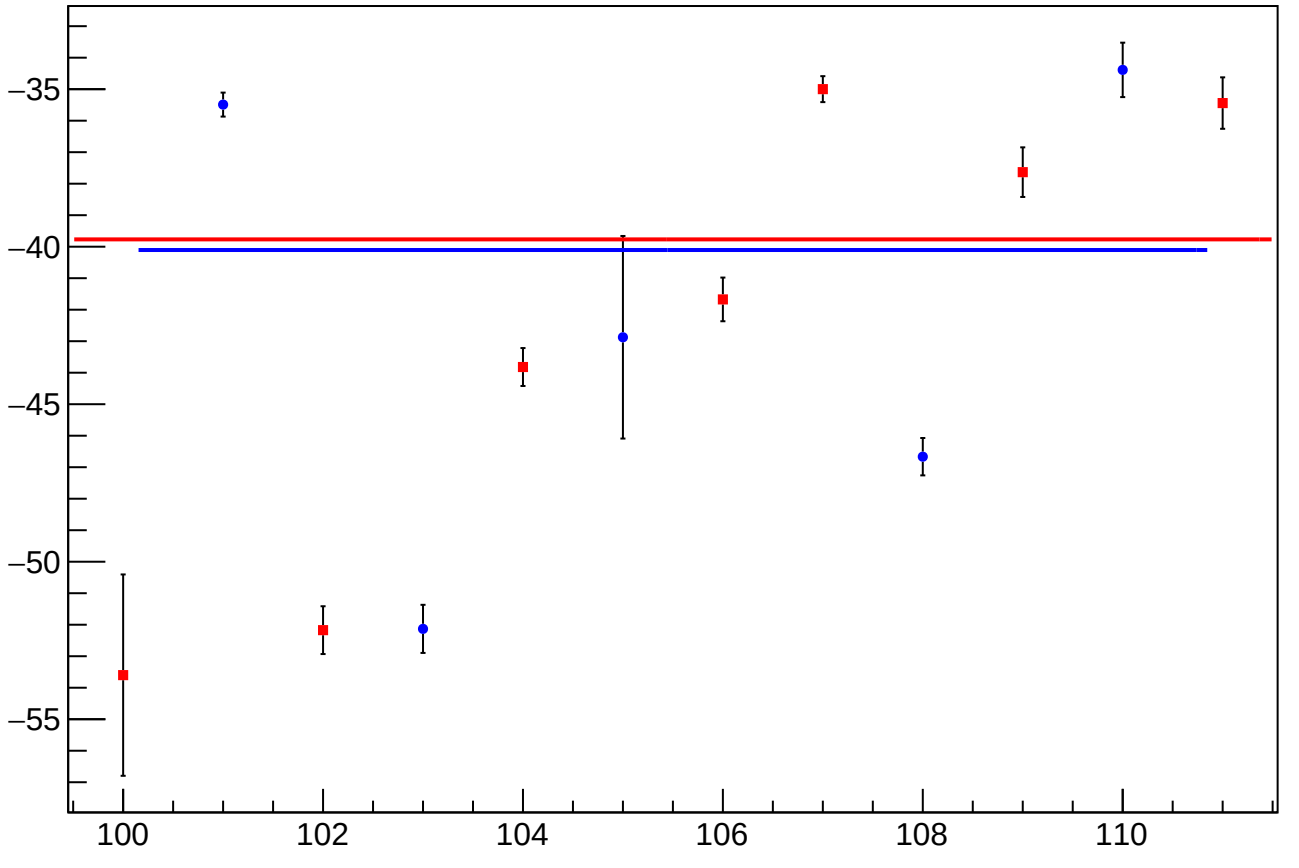
Right Out: -0.729+/-0.028 χ^2/NDF: 284.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.708+/-0.032 χ^2/NDF: 69.6/4

-0.729+/-0.028 χ^2/NDF: 284.4/6


reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs slug
−15
−20
−25
−30
−35
−40
−45
−50
100
102
104
106
108
110
Right In: -28.453+/-0.469 χ²/NDF: 62.2/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -29.168+/-0.403 χ²/NDF: 106.5/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-28.453+/-0.469 χ²/NDF: 62.2/4
-29.168+/-0.403 χ²/NDF: 106.5/6



Right In: -40.105+/-0.278 χ^2/NDF: 562.0/4

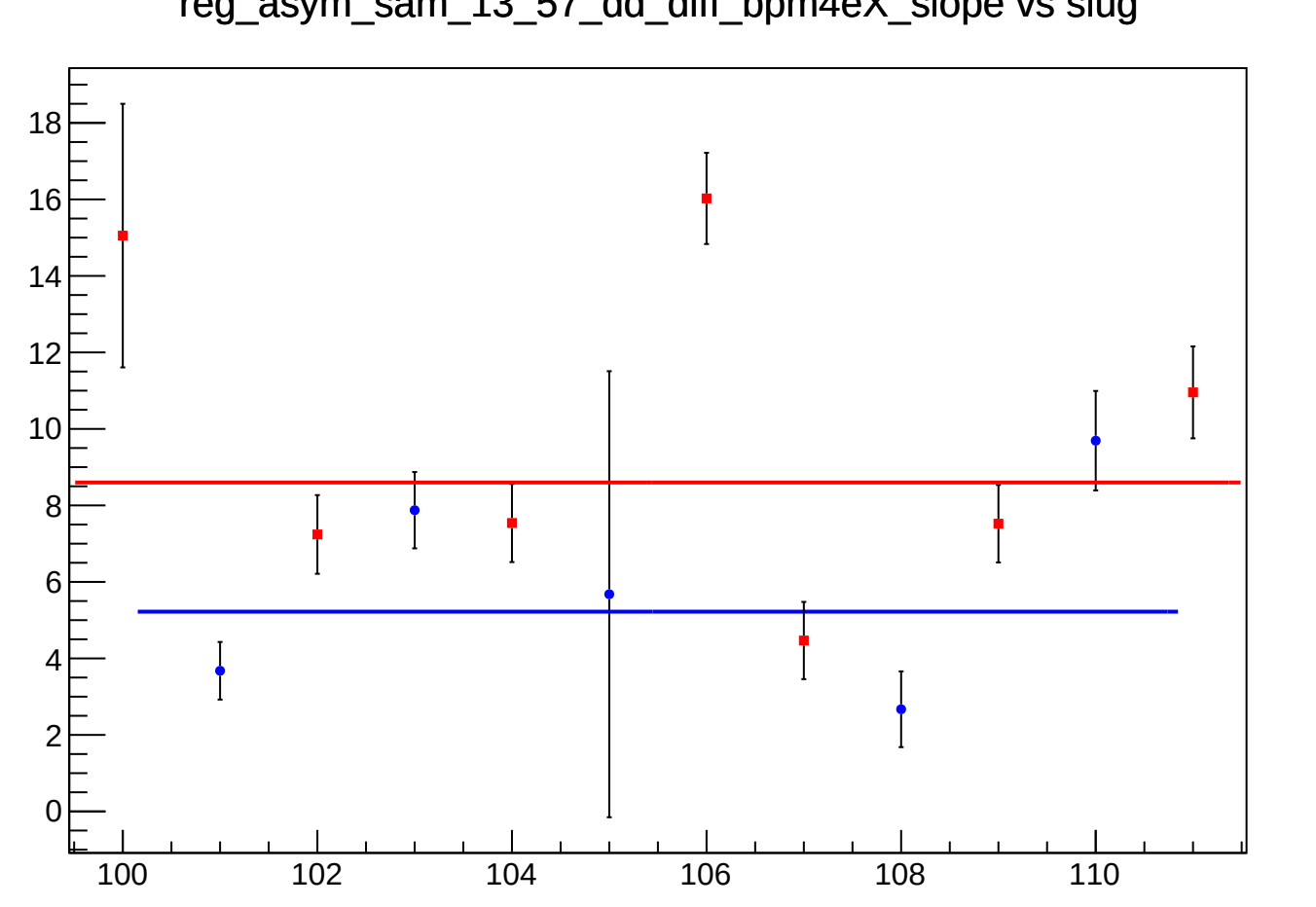
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -39.768+/-0.253 χ^2/NDF: 508.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-40.105+/-0.278 χ^2/NDF: 562.0/4

-39.768+/-0.253 χ^2/NDF: 508.4/6



Right In: 5.222+/-0.476 χ^2/NDF: 29.7/4

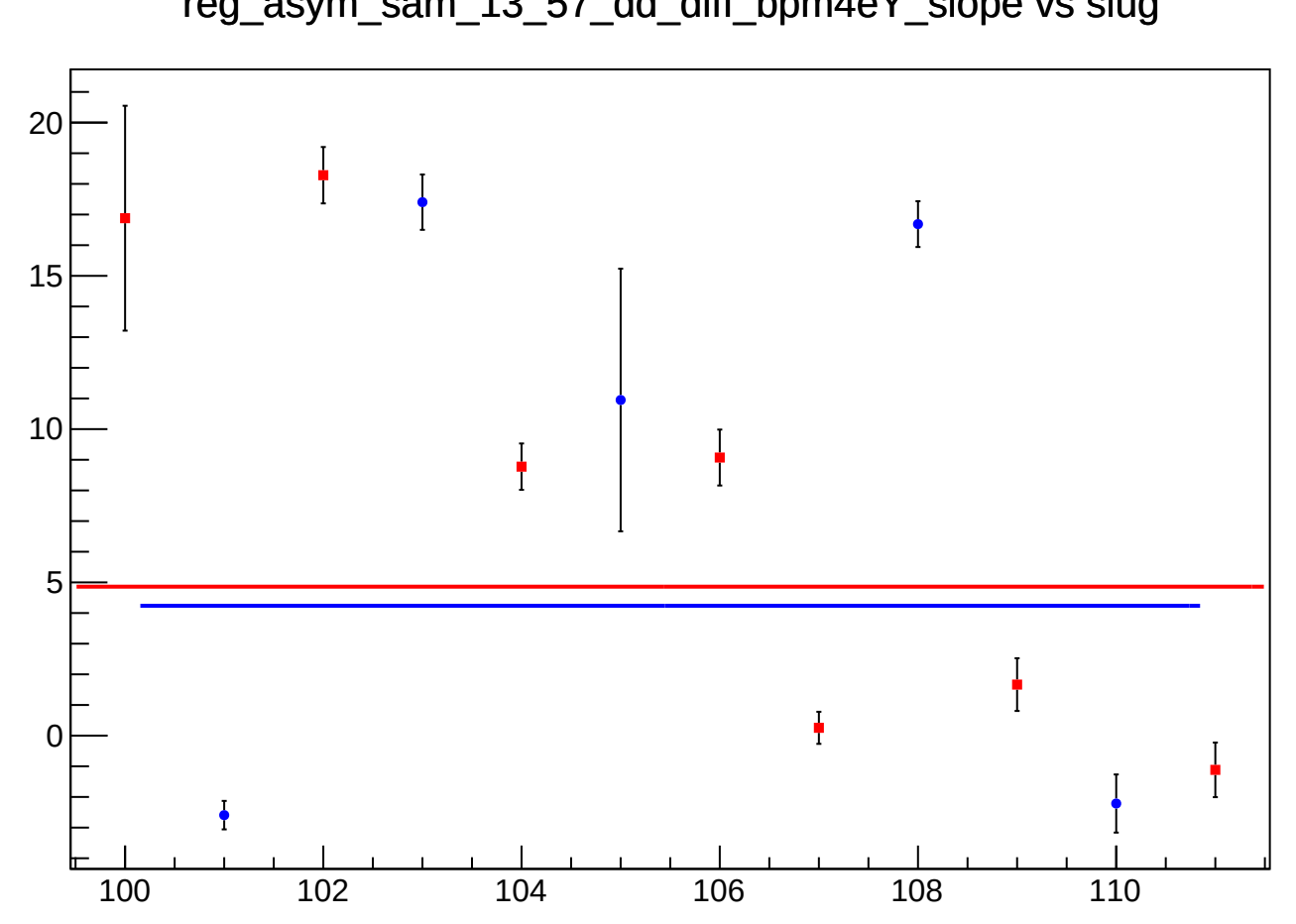
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.599+/-0.433 χ^2/NDF: 66.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

5.222+/-0.476 χ^2/NDF: 29.7/4

8.599+/-0.433 χ^2/NDF: 66.9/6



Right In: 4.236+/-0.337 χ^2/NDF: 755.7/4

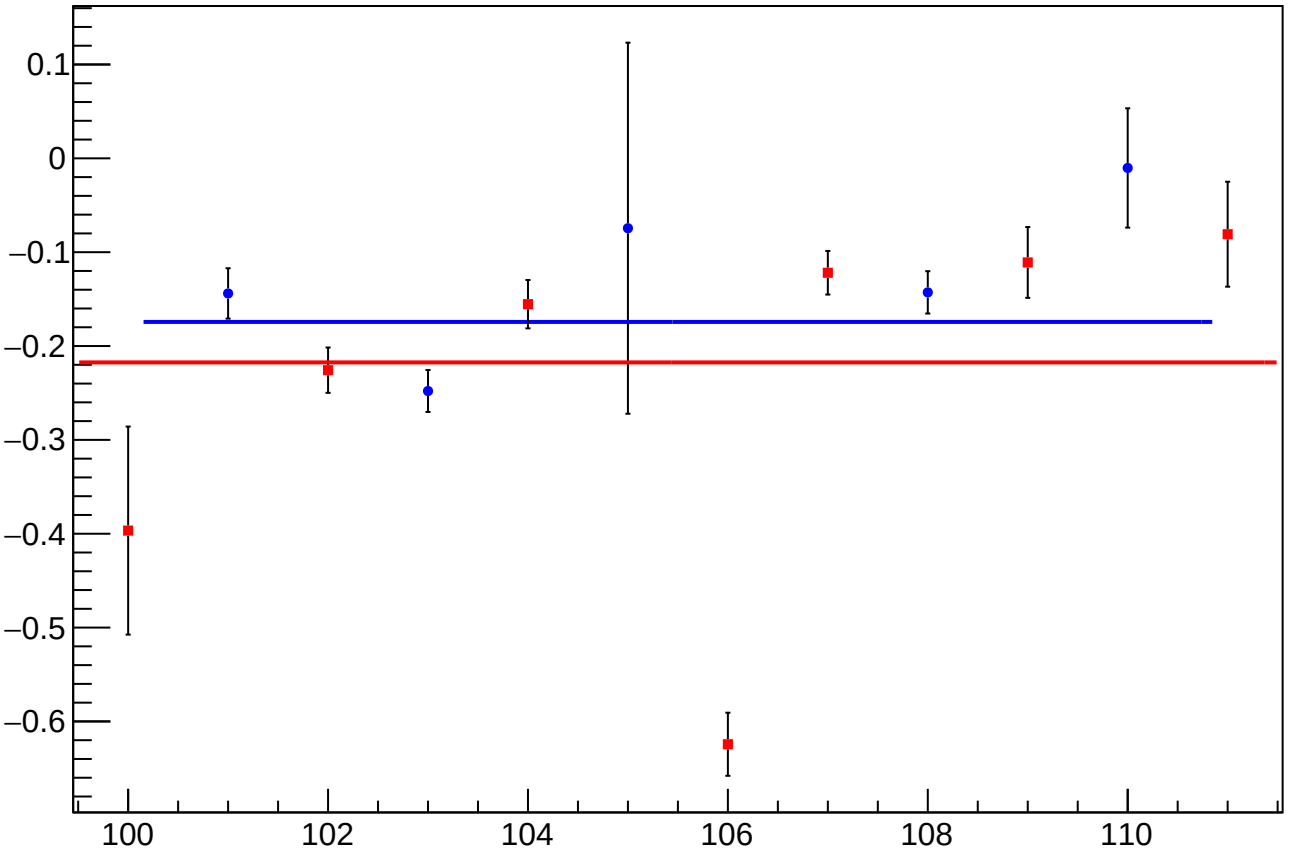
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

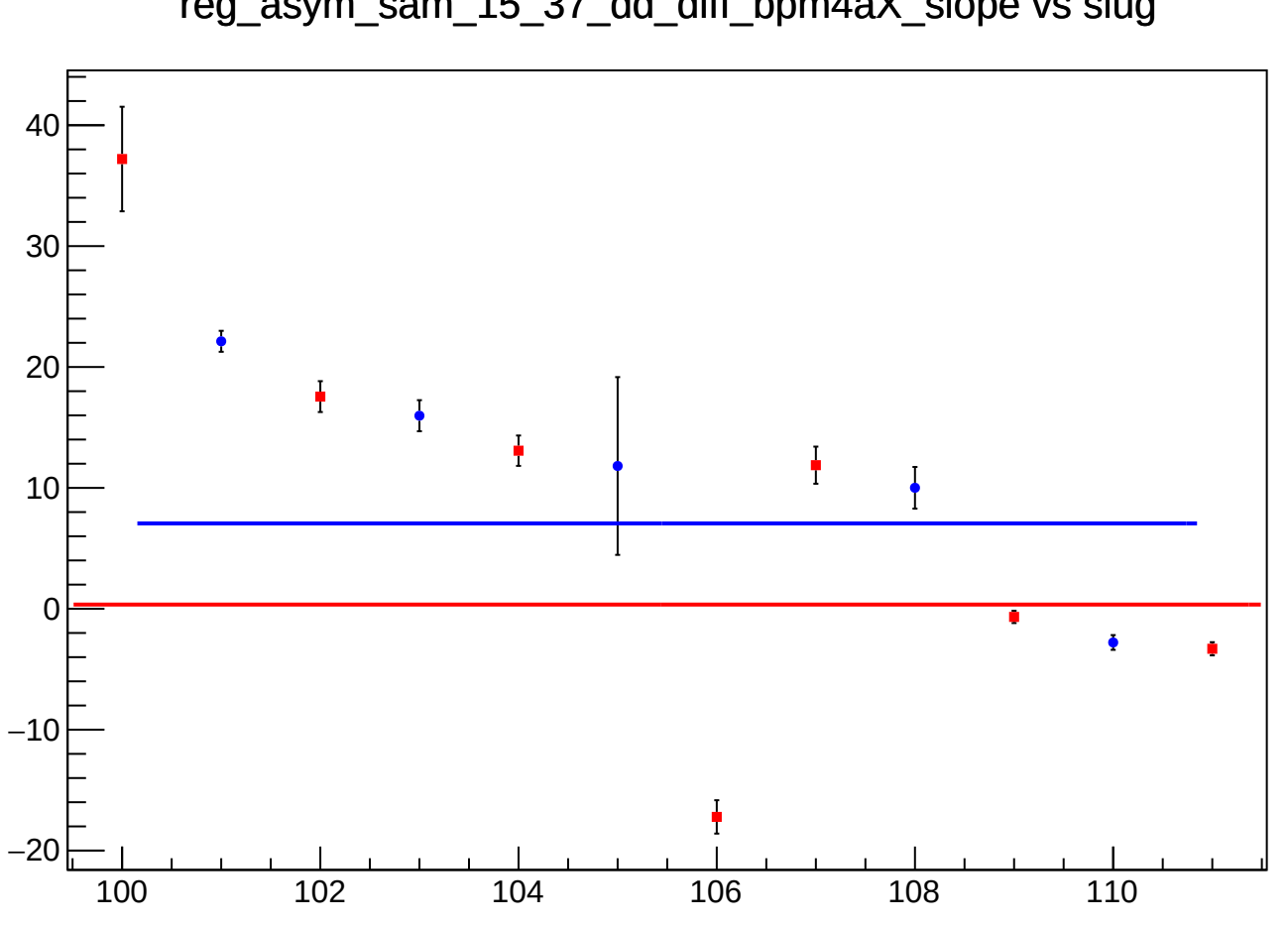
Right Out: 4.860+/-0.309 χ^2/NDF: 408.2/6

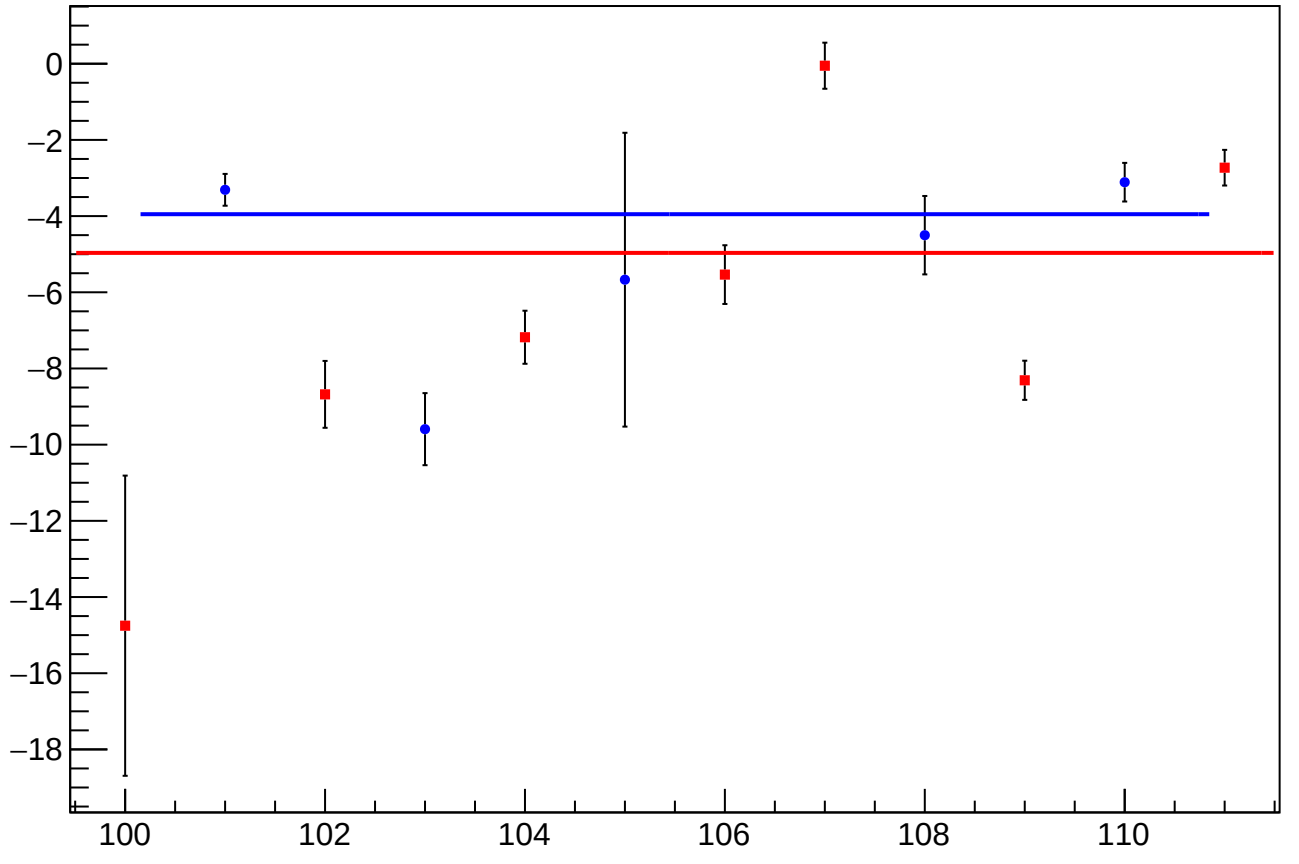
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4.236+/-0.337 χ^2/NDF: 755.7/4

4.860+/-0.309 χ^2/NDF: 408.2/6


reg_asym_sam_13_57_dd_diff_bpm12X_slope vs slug
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
100
102
104
106
108
110
Right In: -0.174+/-0.013 χ²/NDF: 21.0/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.217+/-0.012 χ²/NDF: 185.9/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-0.174+/-0.013 χ²/NDF: 21.0/4
-0.217+/-0.012 χ²/NDF: 185.9/6


reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs slug
40
30
20
10
0
−10
−20
100
102
104
106
108
110
Right In: 7.064+/-0.448 χ²/NDF: 614.4/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.350+/-0.324 χ²/NDF: 624.9/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
7.064+/-0.448 χ²/NDF: 614.4/4
0.350+/-0.324 χ²/NDF: 624.9/6



Right In: -3.950+/-0.292 χ^2/NDF: 41.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

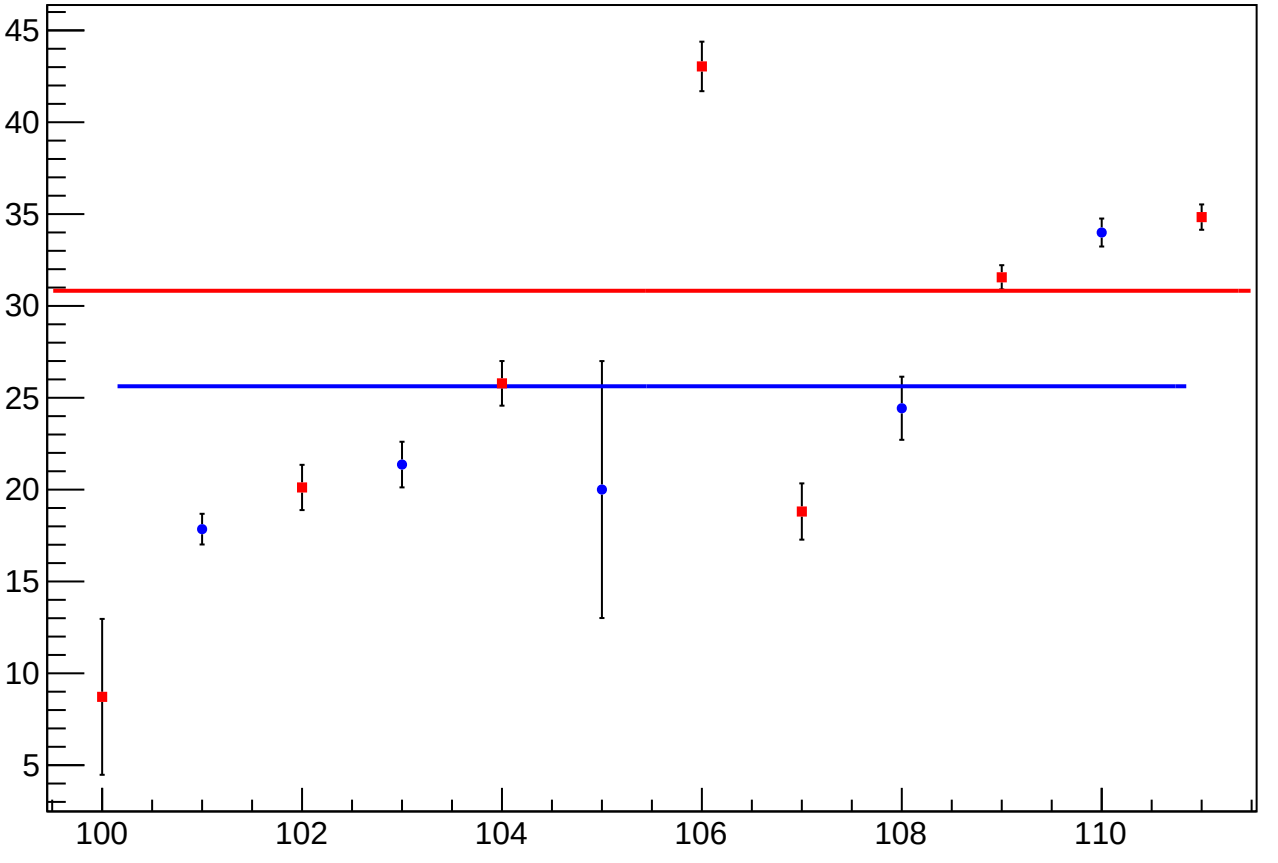
Right Out: -4.966+/-0.249 χ^2/NDF: 165.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.950+/-0.292 χ^2/NDF: 41.2/4

-4.966+/-0.249 χ^2/NDF: 165.9/6

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs slug



Right In: 25.627+/-0.490 χ^2/NDF: 220.4/4

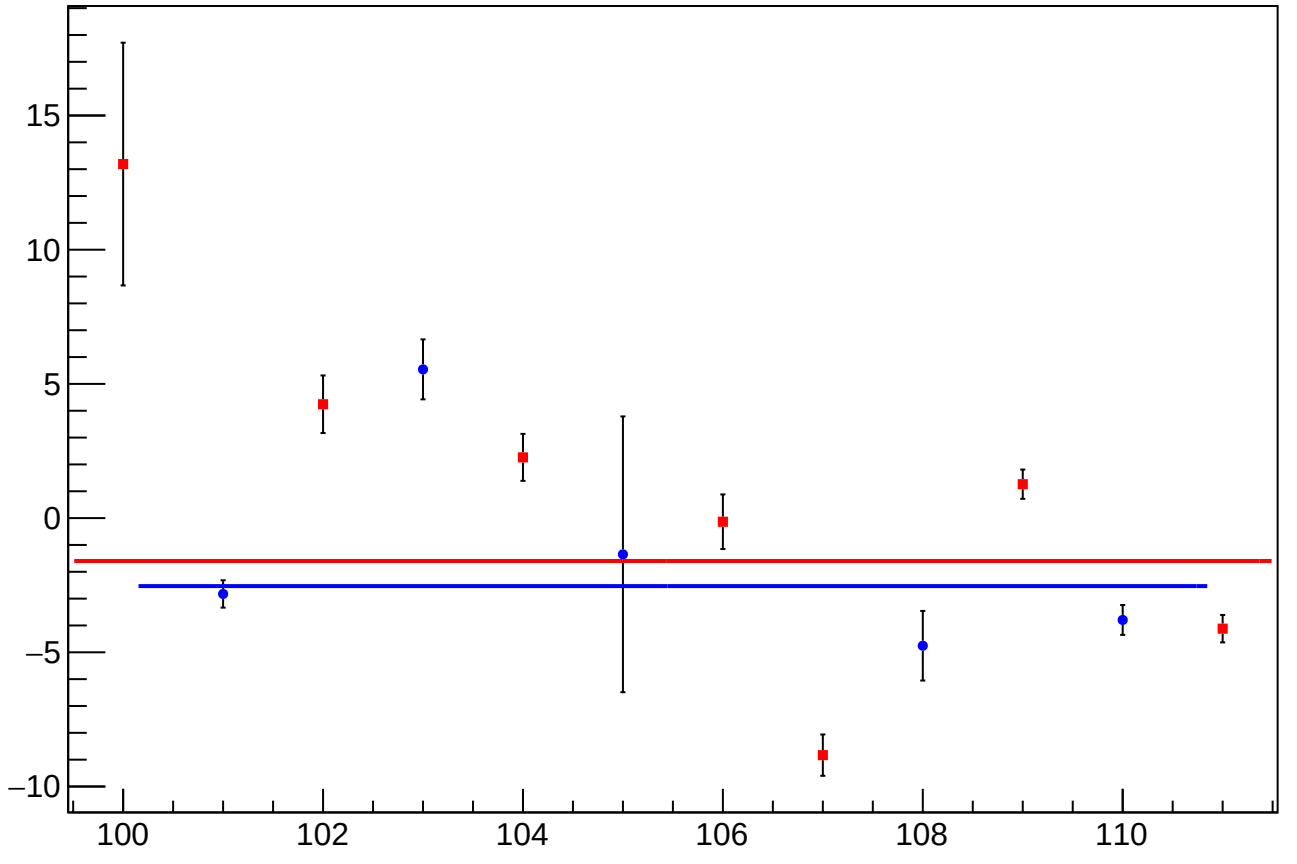
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.825+/-0.385 χ^2/NDF: 298.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

25.627+/-0.490 χ^2/NDF: 220.4/4

30.825+/-0.385 χ^2/NDF: 298.6/6



Right In: -2.533+/-0.343 χ^2/NDF: 60.7/4

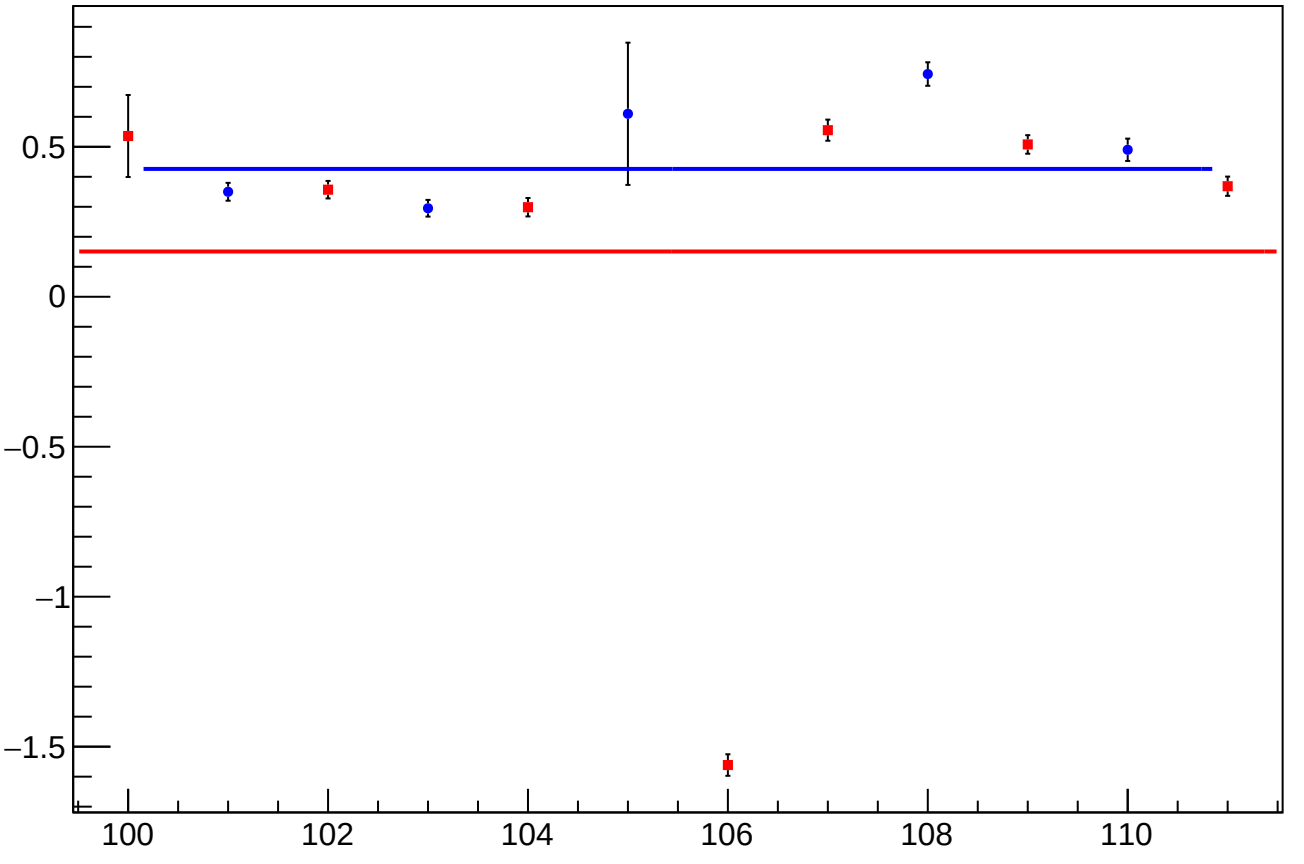
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.597+/-0.288 χ^2/NDF: 202.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.533+/-0.343 χ^2/NDF: 60.7/4

-1.597+/-0.288 χ^2/NDF: 202.0/6



Right In: 0.426+/-0.016 χ^2/NDF: 97.4/4

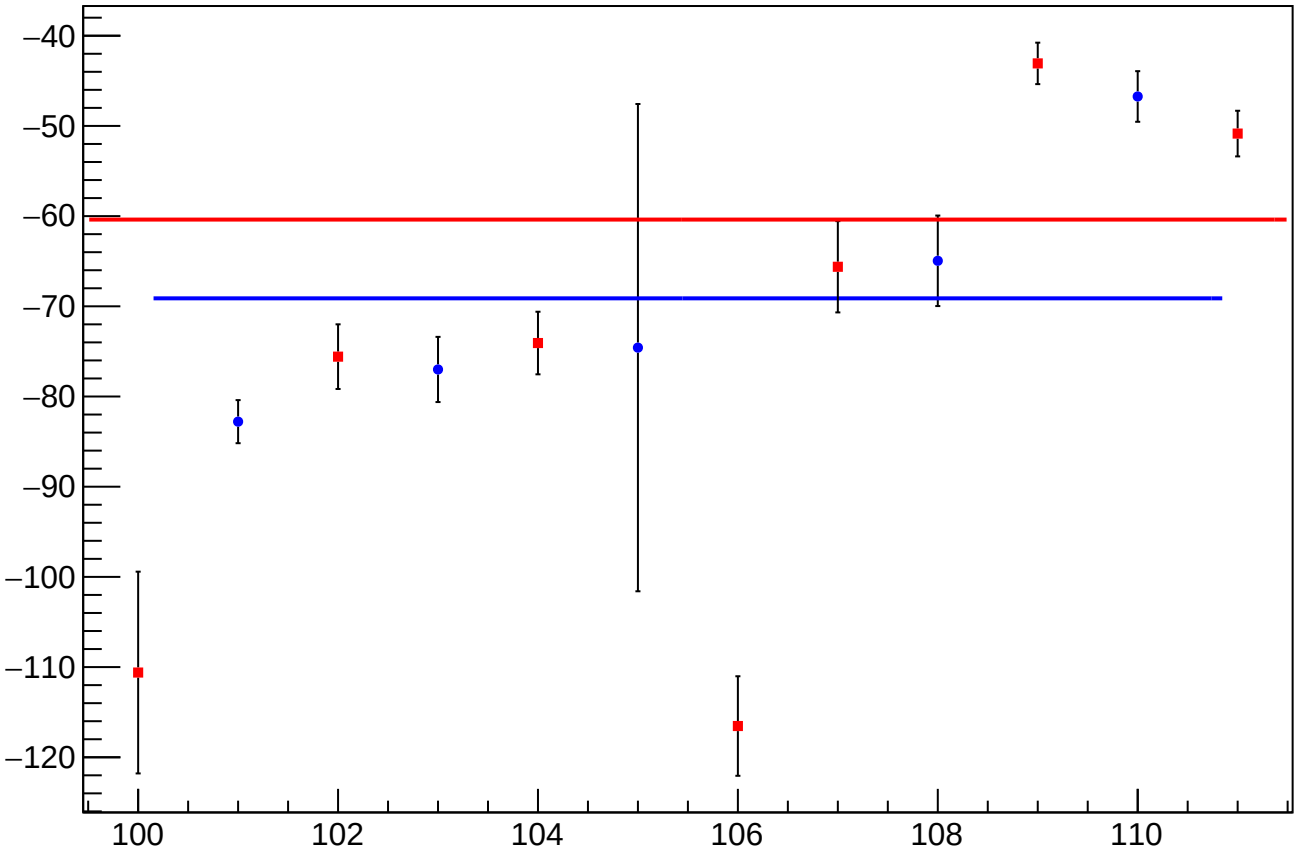
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.151+/-0.013 χ^2/NDF: 2667.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.426+/-0.016 χ^2/NDF: 97.4/4

0.151+/-0.013 χ^2/NDF: 2667.9/6



Right In: -69.116+/-1.543 χ^2/NDF: 101.8/4

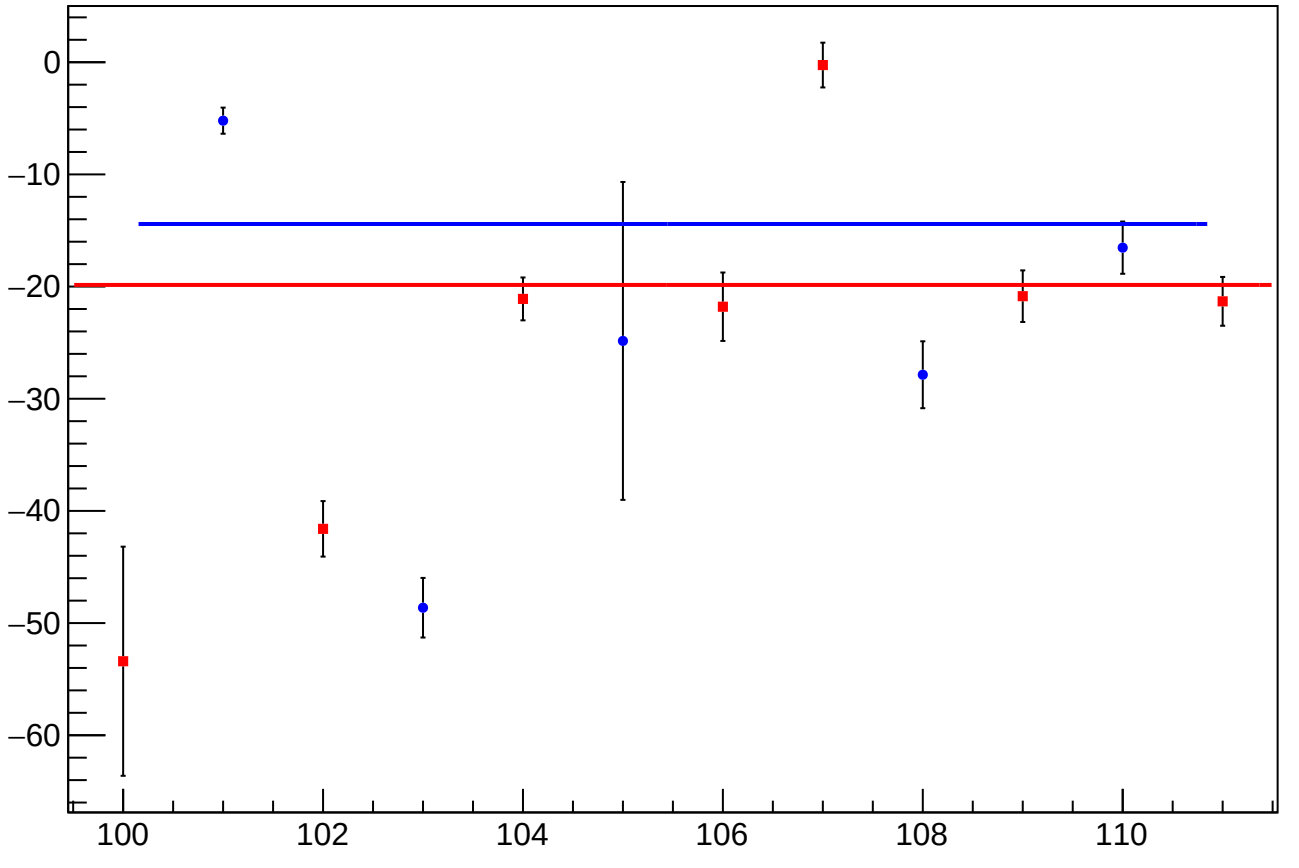
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -60.384+/-1.306 χ^2/NDF: 229.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-69.116+/-1.543 χ^2/NDF: 101.8/4

-60.384+/-1.306 χ^2/NDF: 229.3/6



Right In: -14.422+/-0.920 χ^2/NDF: 250.1/4

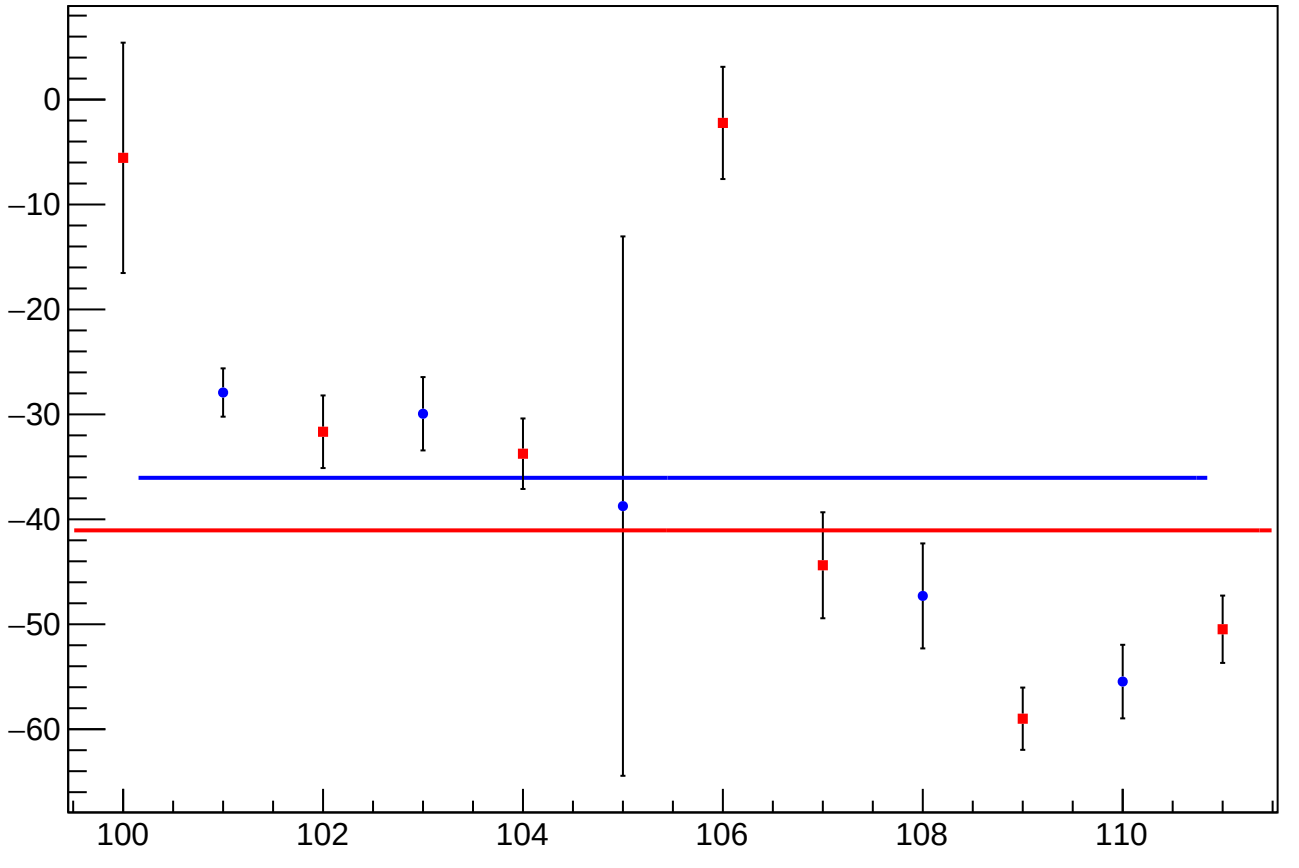
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.854+/-0.911 χ^2/NDF: 186.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-14.422+/-0.920 χ^2/NDF: 250.1/4

-19.854+/-0.911 χ^2/NDF: 186.0/6



Right In: -36.045+/-1.594 χ^2/NDF: 51.3/4

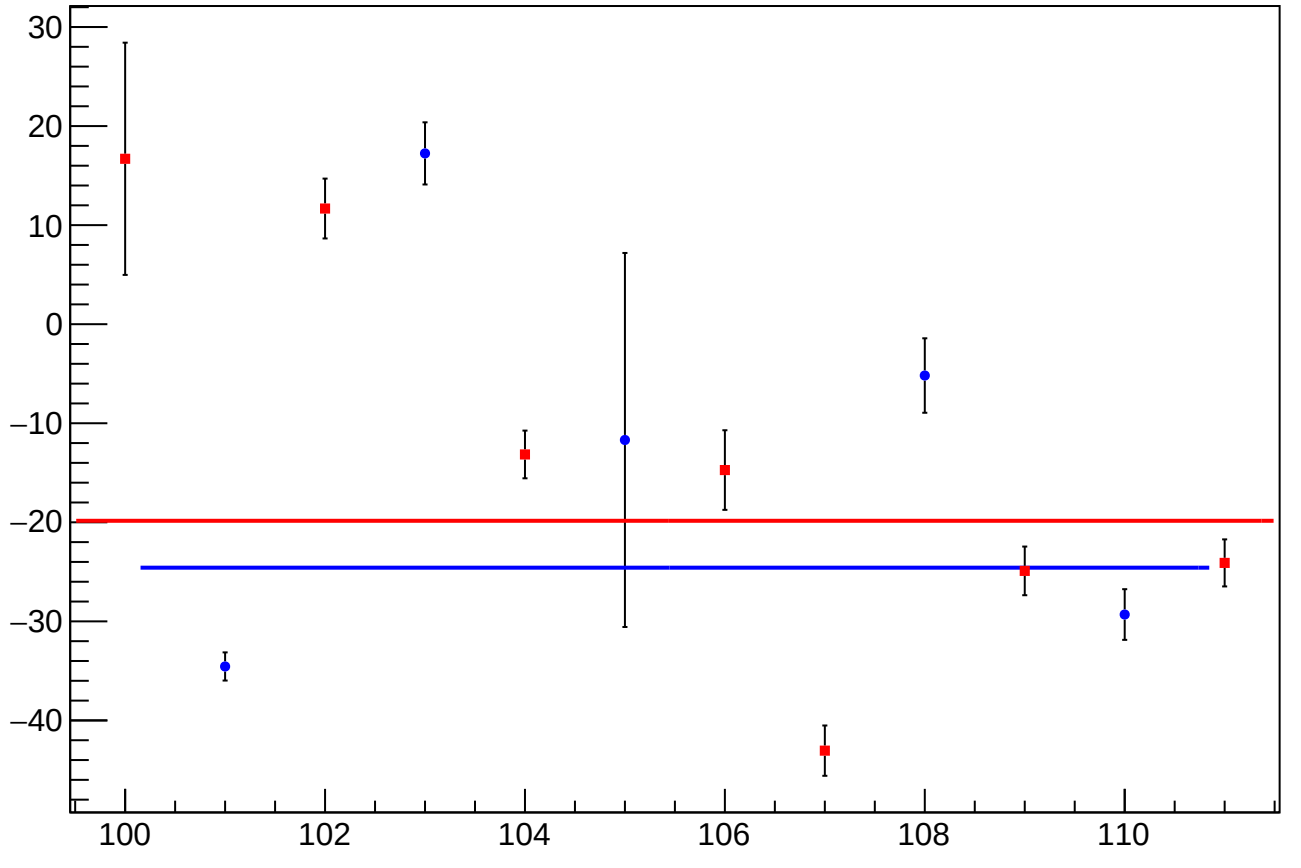
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -41.052+/-1.466 χ^2/NDF: 120.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-36.045+/-1.594 χ^2/NDF: 51.3/4

-41.052+/-1.466 χ^2/NDF: 120.9/6



Right In: -24.580+/-1.102 χ^2/NDF: 257.4/4

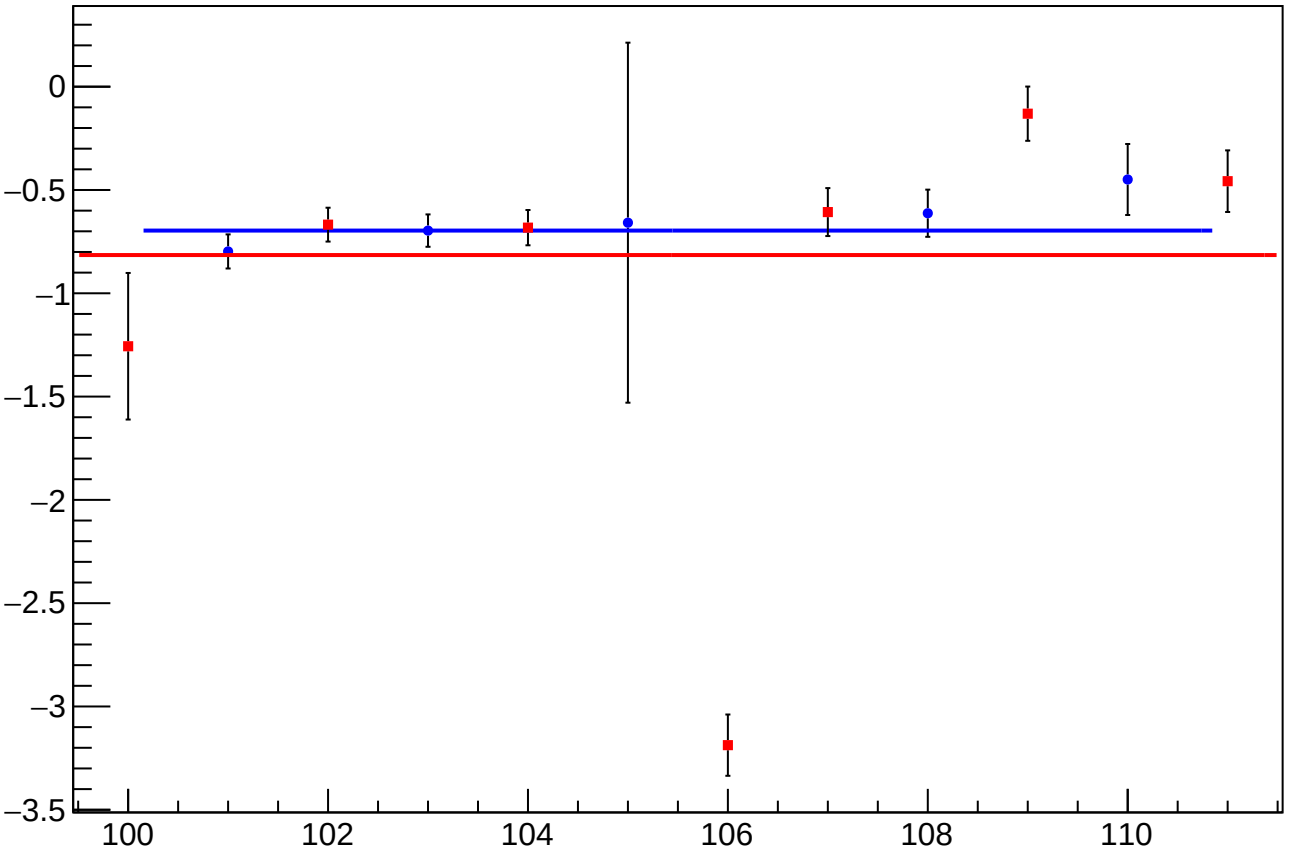
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.847+/-1.085 χ^2/NDF: 218.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-24.580+/-1.102 χ^2/NDF: 257.4/4

-19.847+/-1.085 χ^2/NDF: 218.9/6



Right In: -0.696+/-0.049 χ^2/NDF: 4.1/4

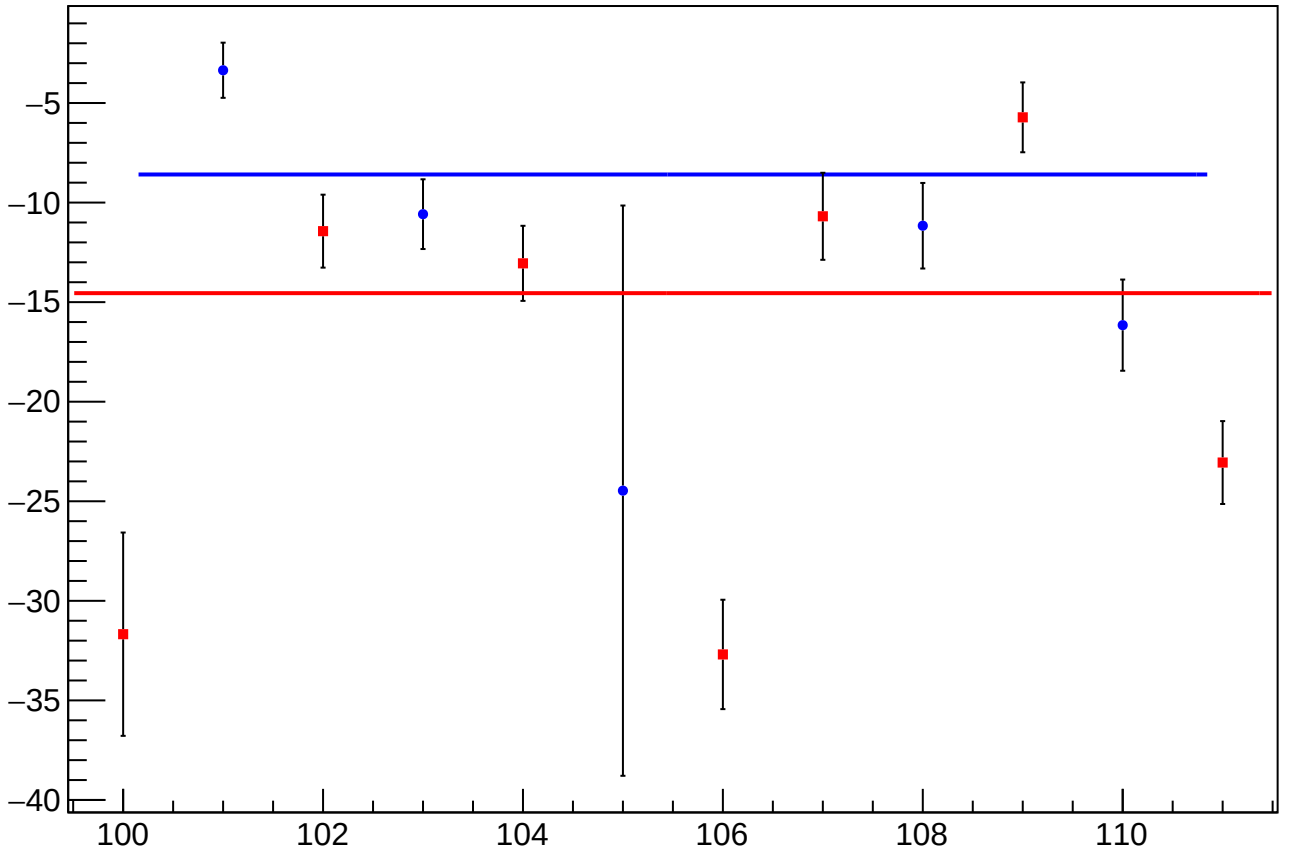
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.815+/-0.044 χ^2/NDF: 299.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.696+/-0.049 χ^2/NDF: 4.1/4

-0.815+/-0.044 χ^2/NDF: 299.1/6



Right In: -8.589+/-0.891 χ^2/NDF: 29.2/4

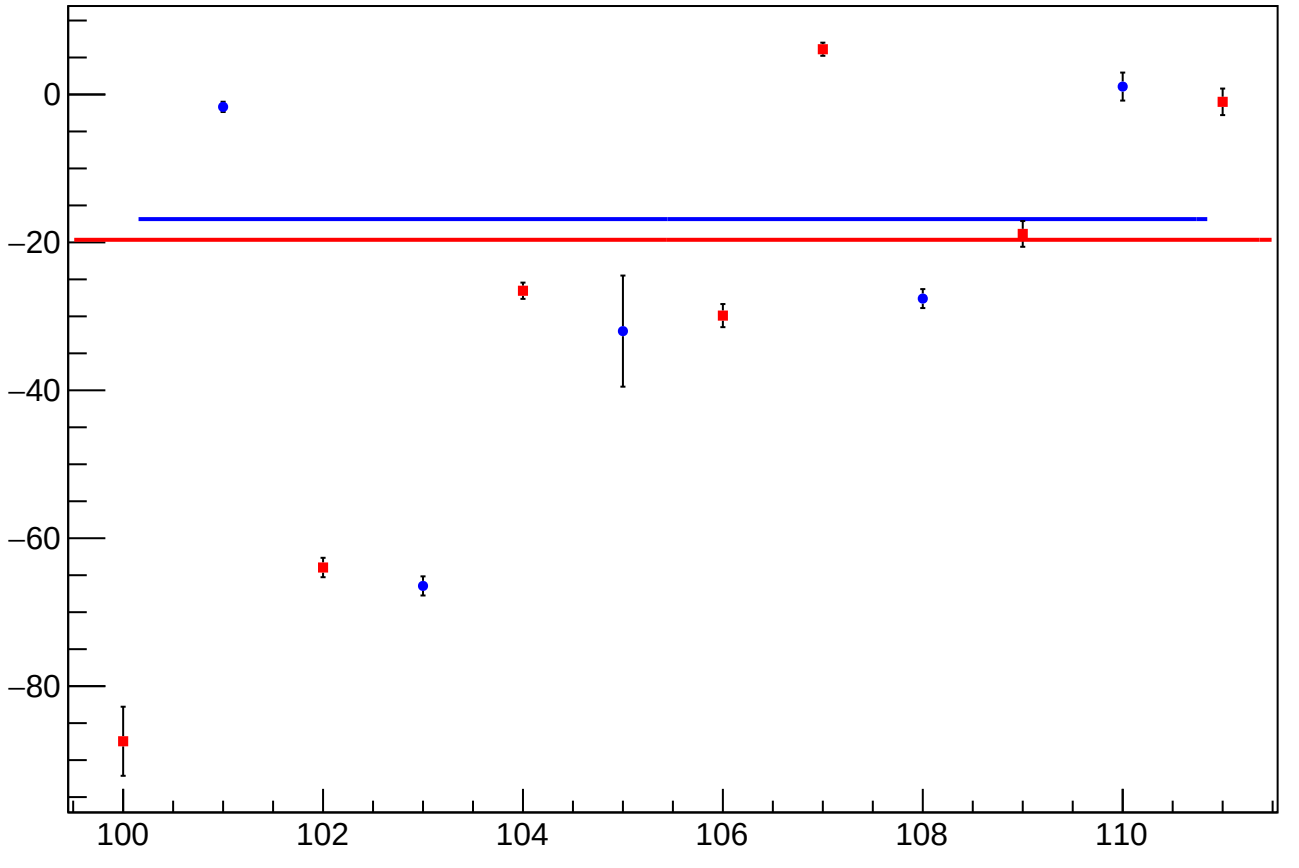
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.549+/-0.812 χ^2/NDF: 103.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-8.589+/-0.891 χ^2/NDF: 29.2/4

-14.549+/-0.812 χ^2/NDF: 103.6/6



Right In: -16.851+/-0.529 χ^2/NDF: 2112.5/4

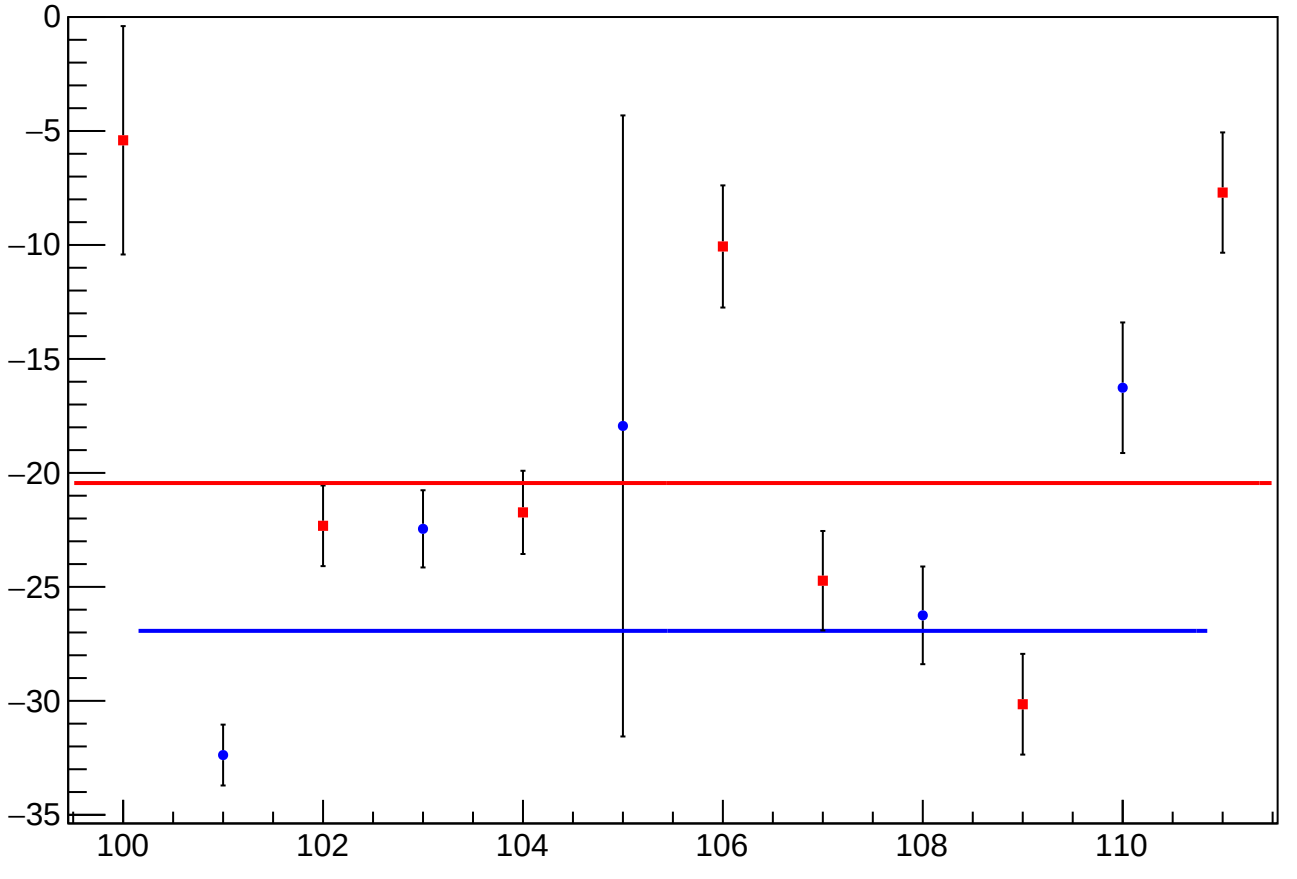
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.649+/-0.515 χ^2/NDF: 2386.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-16.851+/-0.529 χ^2/NDF: 2112.5/4

-19.649+/-0.515 χ^2/NDF: 2386.6/6



Right In: -26.930+/-0.893 χ^2/NDF: 38.1/4

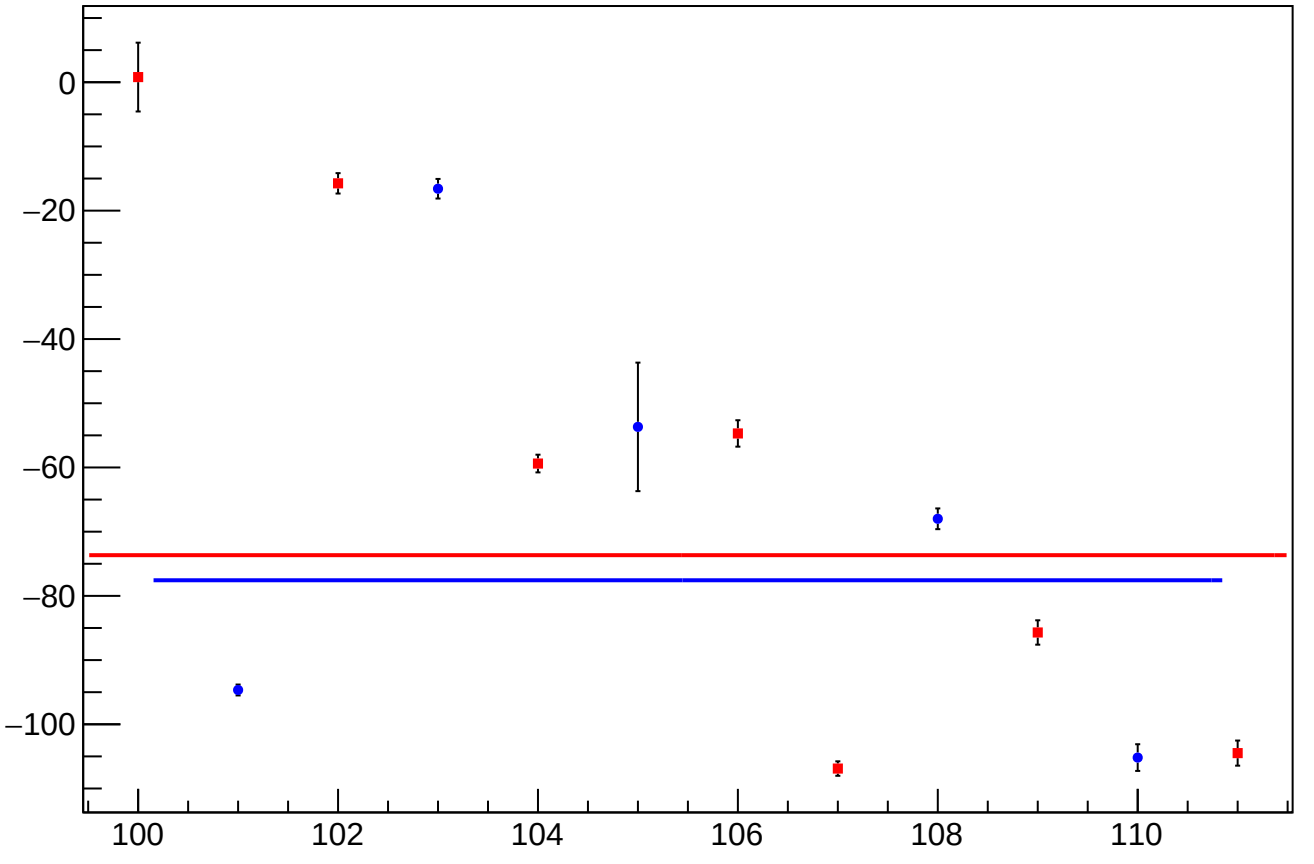
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

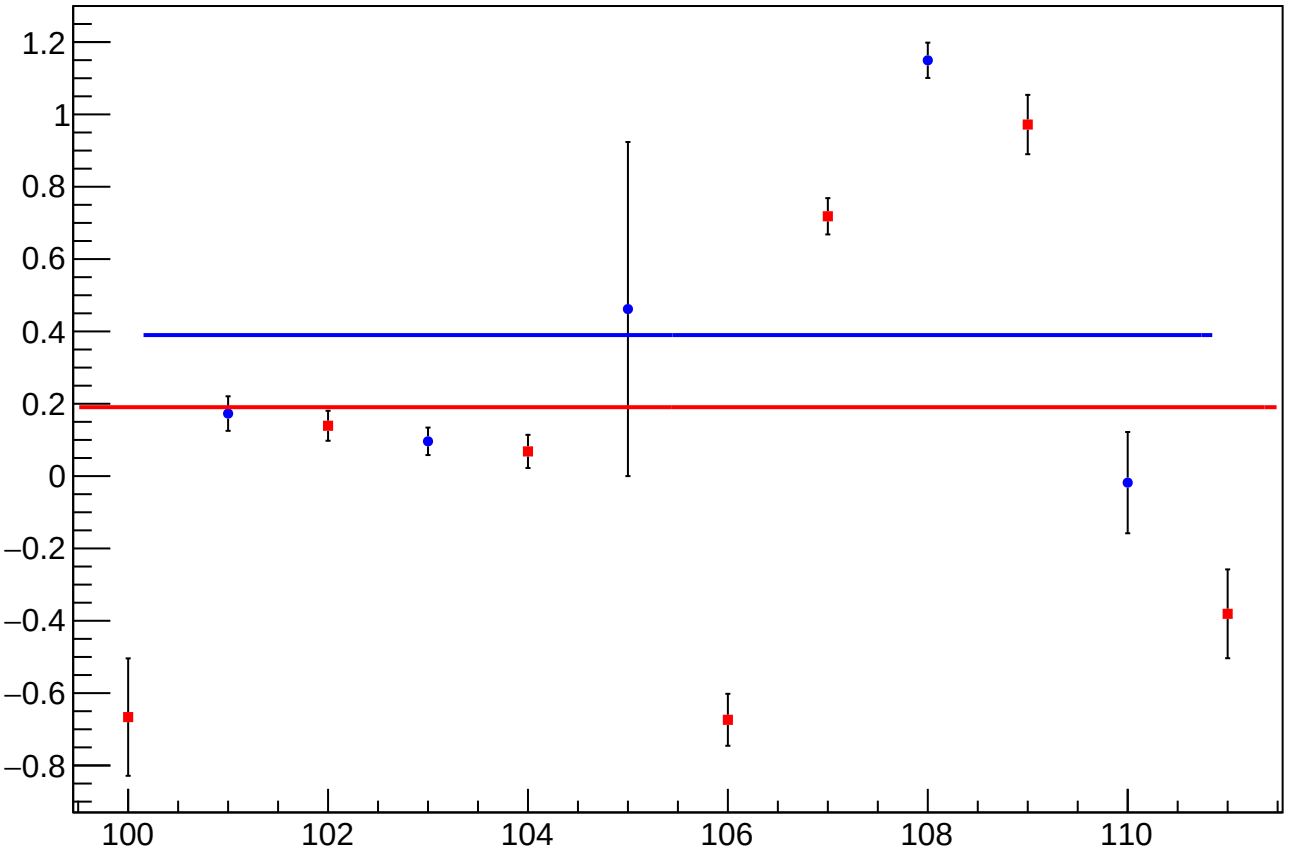
Right Out: -20.445+/-0.858 χ^2/NDF: 72.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-26.930+/-0.893 χ^2/NDF: 38.1/4

-20.445+/-0.858 χ^2/NDF: 72.1/6


reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs slug
0
−20
−40
−60
−80
−100
100
102
104
106
108
110
Right In: -77.568+/-0.640 χ2/NDF: 2216.6/4
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -73.661+/-0.630 χ2/NDF: 2872.1/6
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
-77.568+/-0.640 χ2/NDF: 2216.6/4
-73.661+/-0.630 χ2/NDF: 2872.1/6



Right In: 0.390+/-0.025 χ^2/NDF: 331.7/4

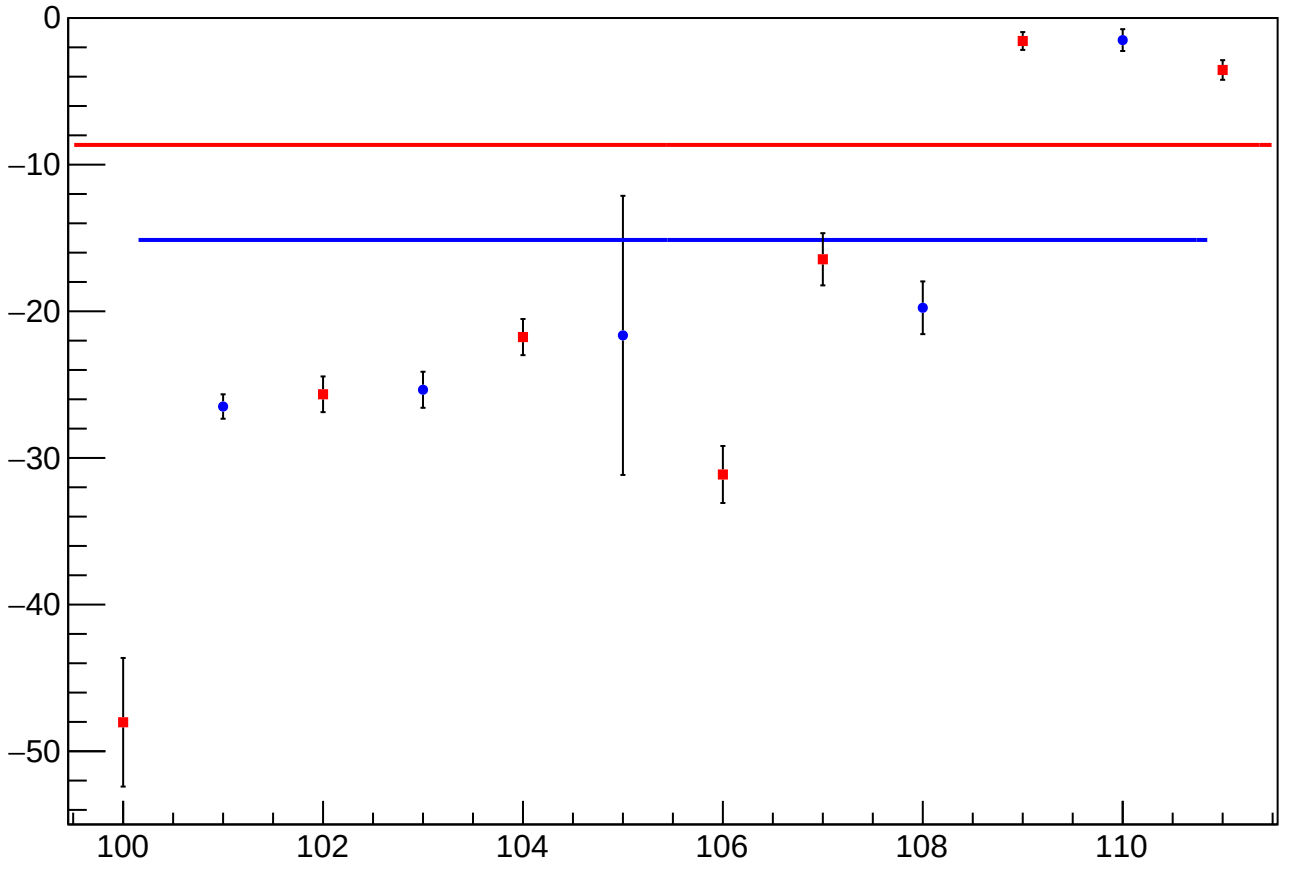
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.191+/-0.023 χ^2/NDF: 404.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.390+/-0.025 χ^2/NDF: 331.7/4

0.191+/-0.023 χ^2/NDF: 404.3/6



Right In: -15.134+/-0.486 χ^2/NDF: 597.6/4

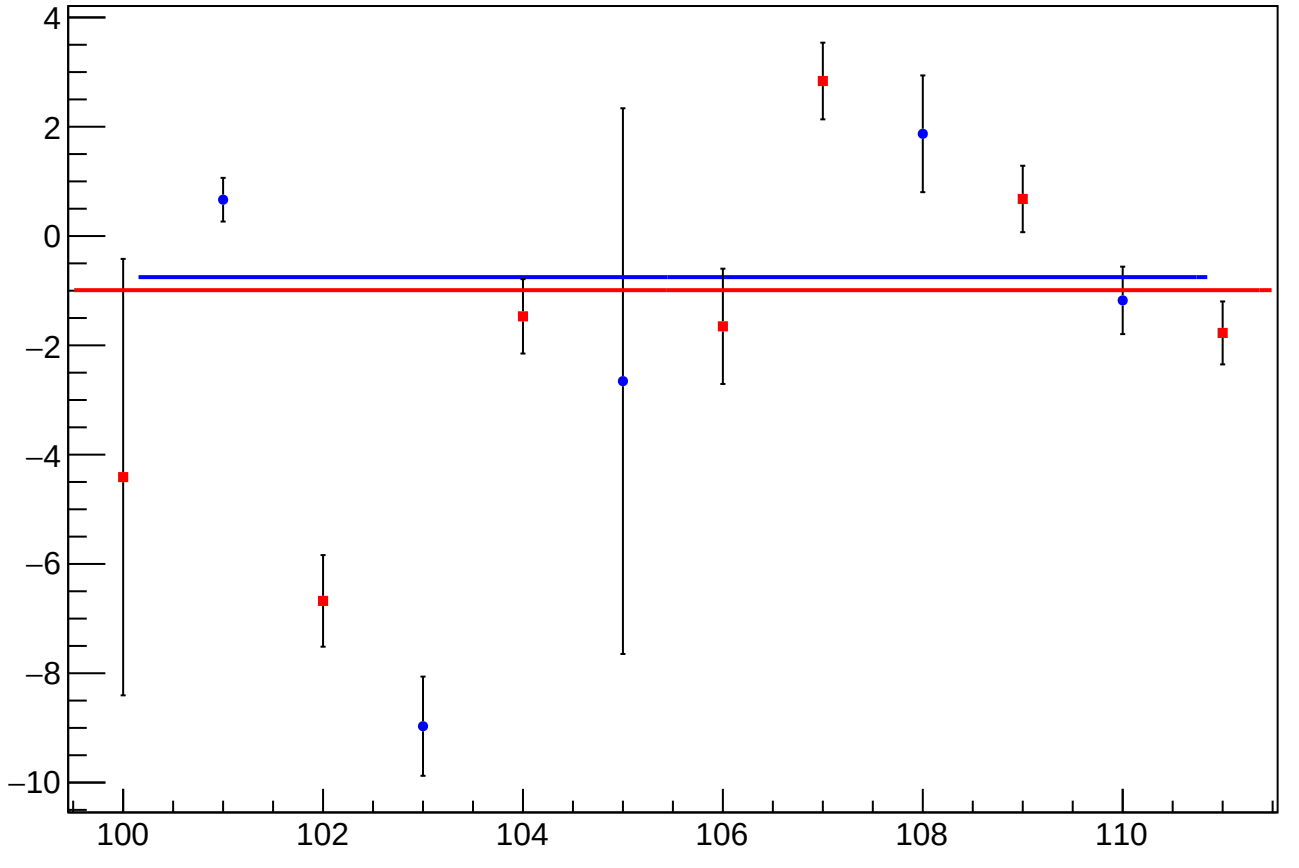
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.654+/-0.381 χ^2/NDF: 735.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-15.134+/-0.486 χ^2/NDF: 597.6/4

-8.654+/-0.381 χ^2/NDF: 735.3/6



Right In: -0.752+/-0.301 χ^2/NDF: 101.2/4

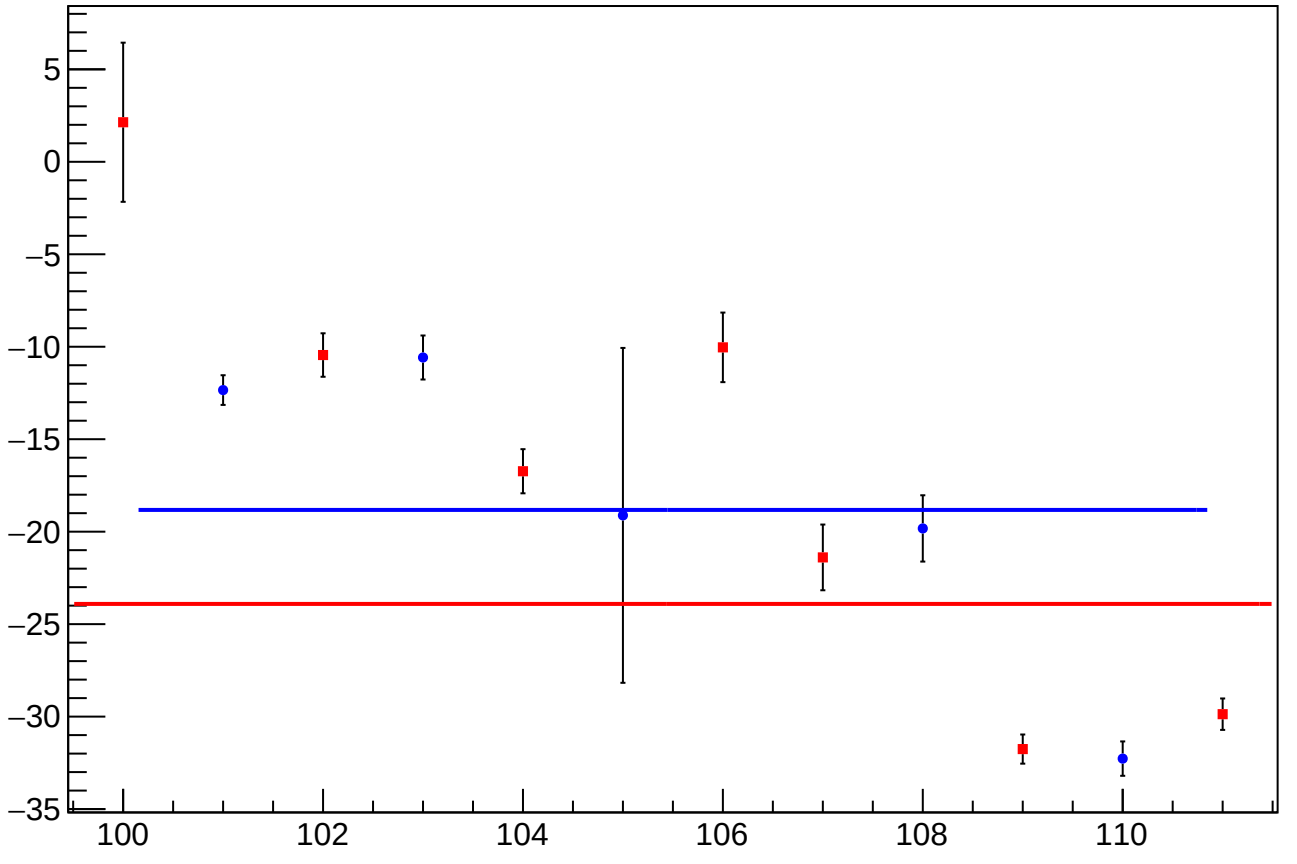
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.990+/-0.285 χ^2/NDF: 86.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.752+/-0.301 χ^2/NDF: 101.2/4

-0.990+/-0.285 χ^2/NDF: 86.8/6



Right In: -18.824+/-0.517 χ^2/NDF: 322.9/4

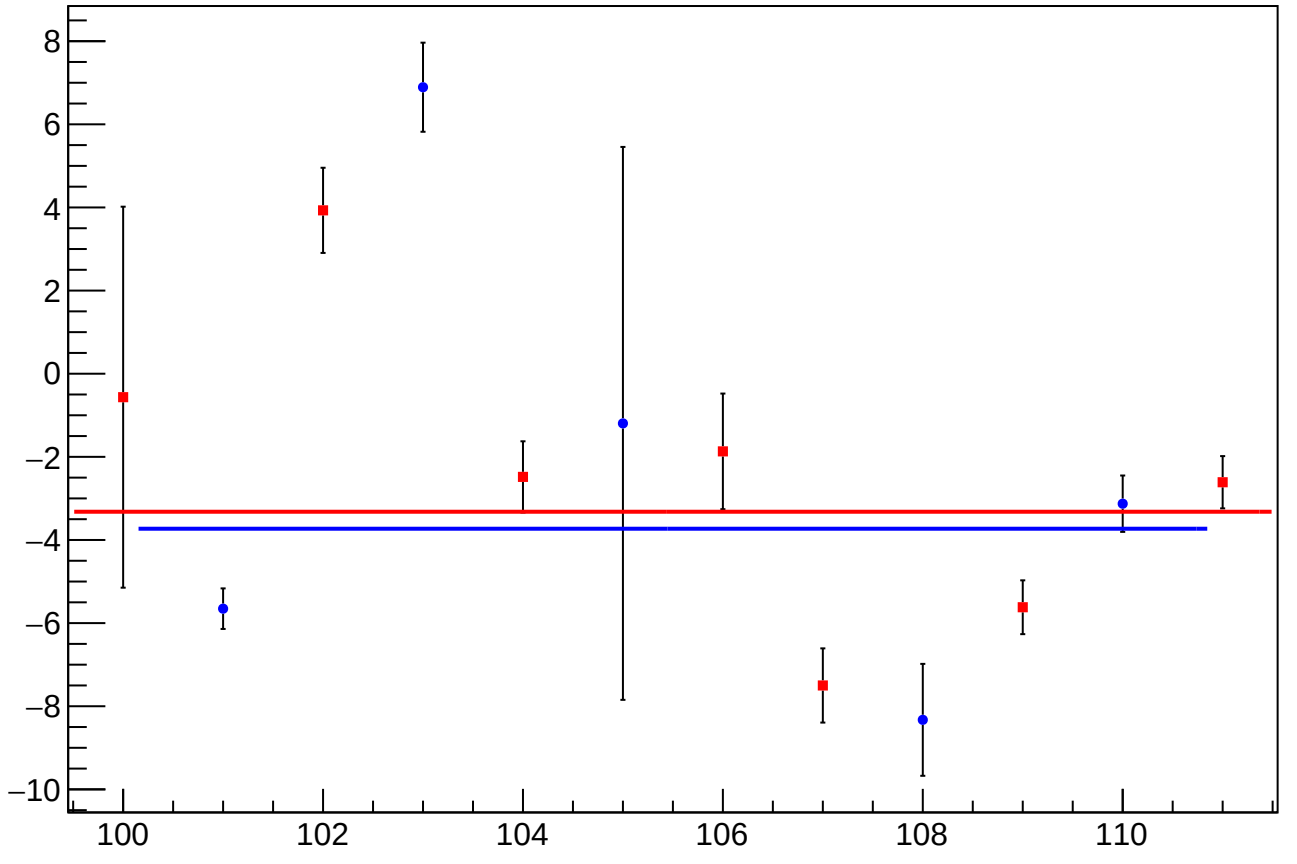
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -23.907+/-0.444 χ^2/NDF: 408.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-18.824+/-0.517 χ^2/NDF: 322.9/4

-23.907+/-0.444 χ^2/NDF: 408.8/6



Right In: -3.729+/-0.358 χ^2/NDF: 126.4/4

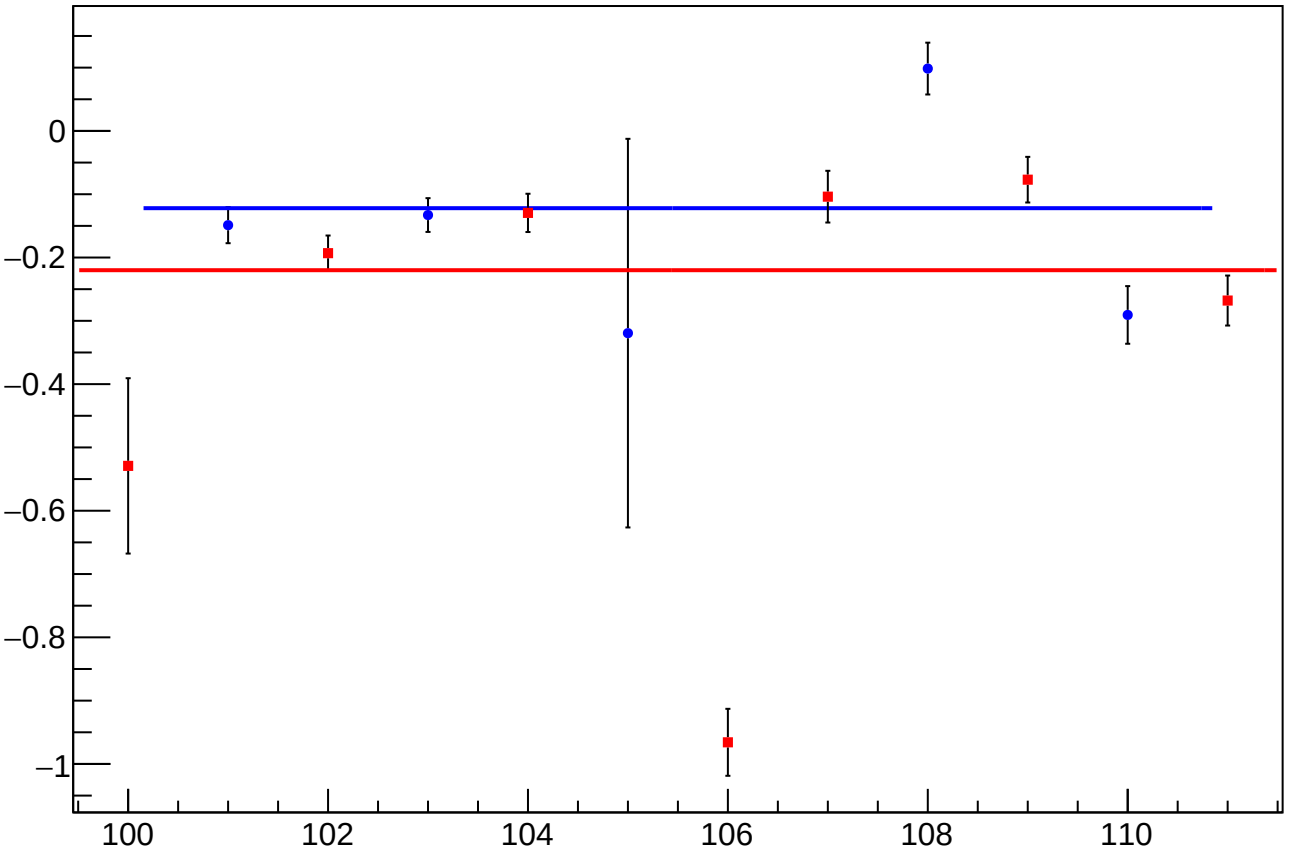
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.320+/-0.332 χ^2/NDF: 88.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.729+/-0.358 χ^2/NDF: 126.4/4

-3.320+/-0.332 χ^2/NDF: 88.3/6



Right In: -0.122+/-0.016 χ^2/NDF: 44.2/4

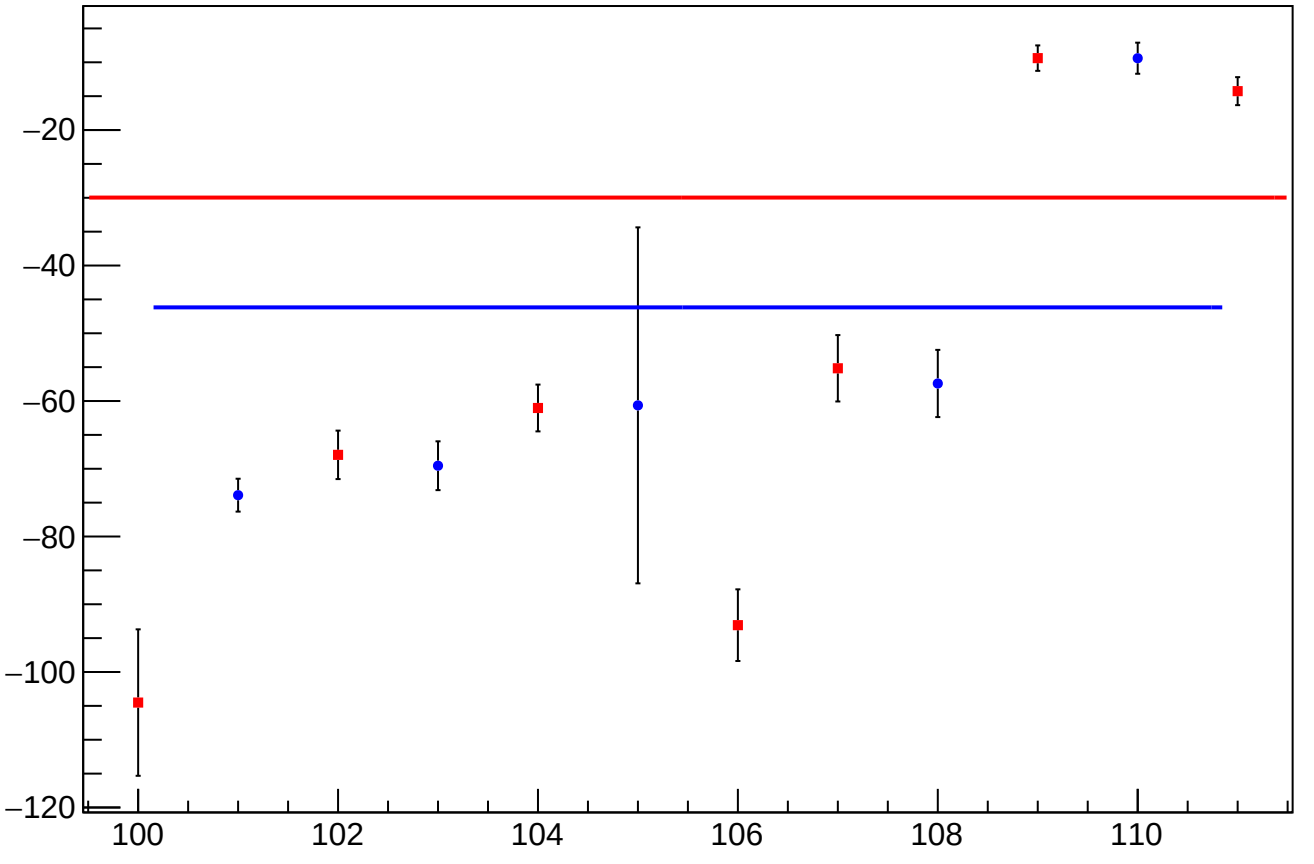
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.220+/-0.014 χ^2/NDF: 239.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.122+/-0.016 χ^2/NDF: 44.2/4

-0.220+/-0.014 χ^2/NDF: 239.0/6



Right In: -46.177+/-1.445 χ^2/NDF: 434.9/4

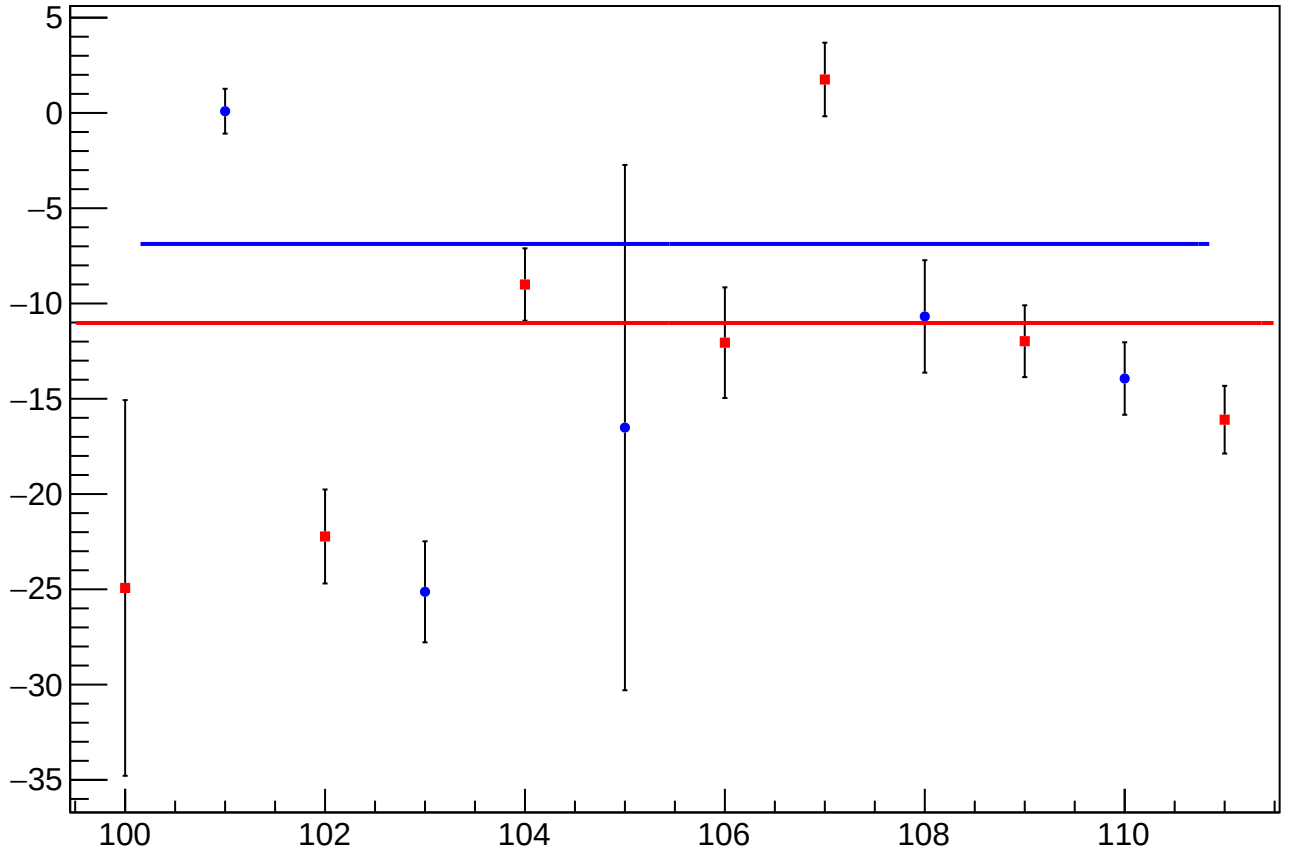
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -29.968+/-1.143 χ^2/NDF: 588.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-46.177+/-1.445 χ^2/NDF: 434.9/4

-29.968+/-1.143 χ^2/NDF: 588.0/6



Right In: -6.876+/-0.890 χ^2/NDF: 98.4/4

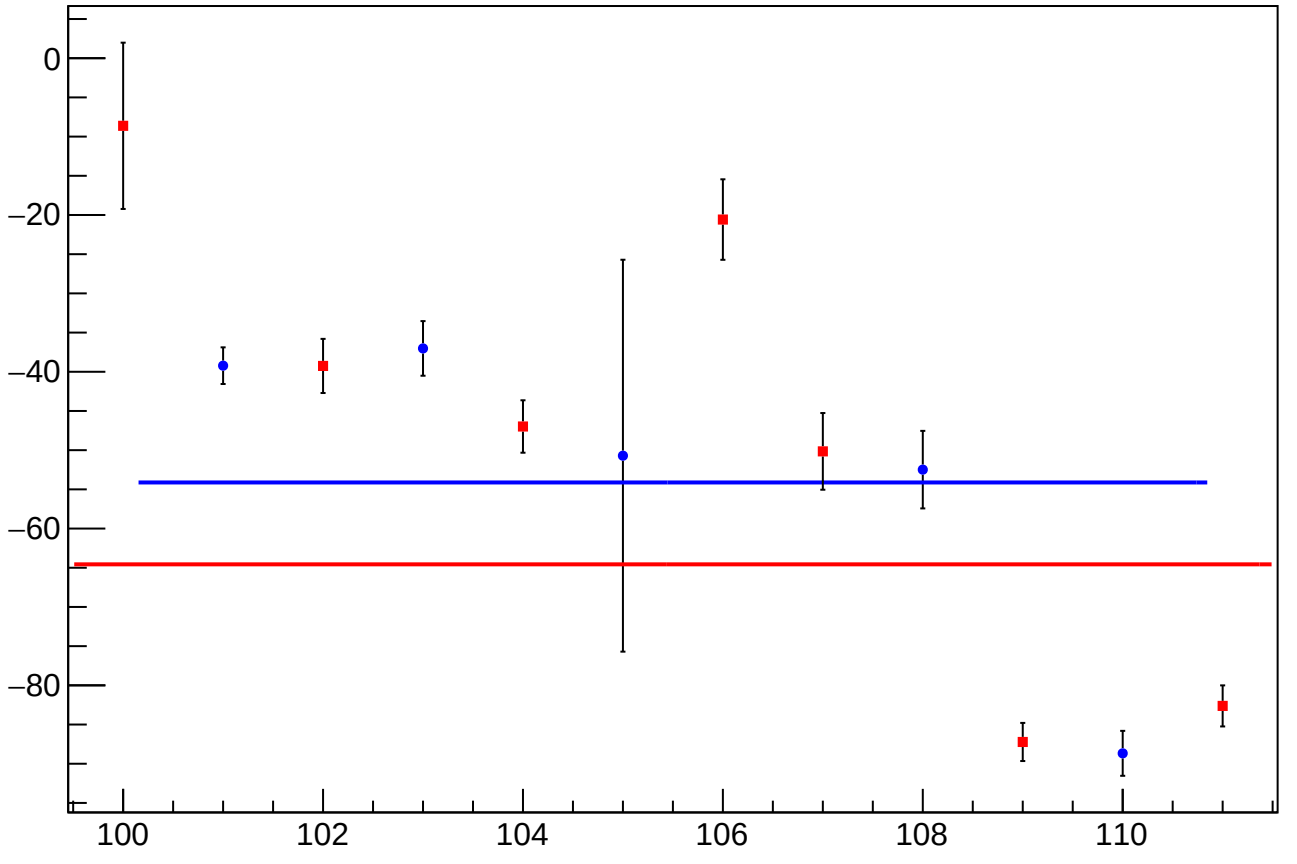
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11.023+/-0.834 χ^2/NDF: 76.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-6.876+/-0.890 χ^2/NDF: 98.4/4

-11.023+/-0.834 χ^2/NDF: 76.1/6



Right In: -54.119+/-1.526 χ^2/NDF: 210.1/4

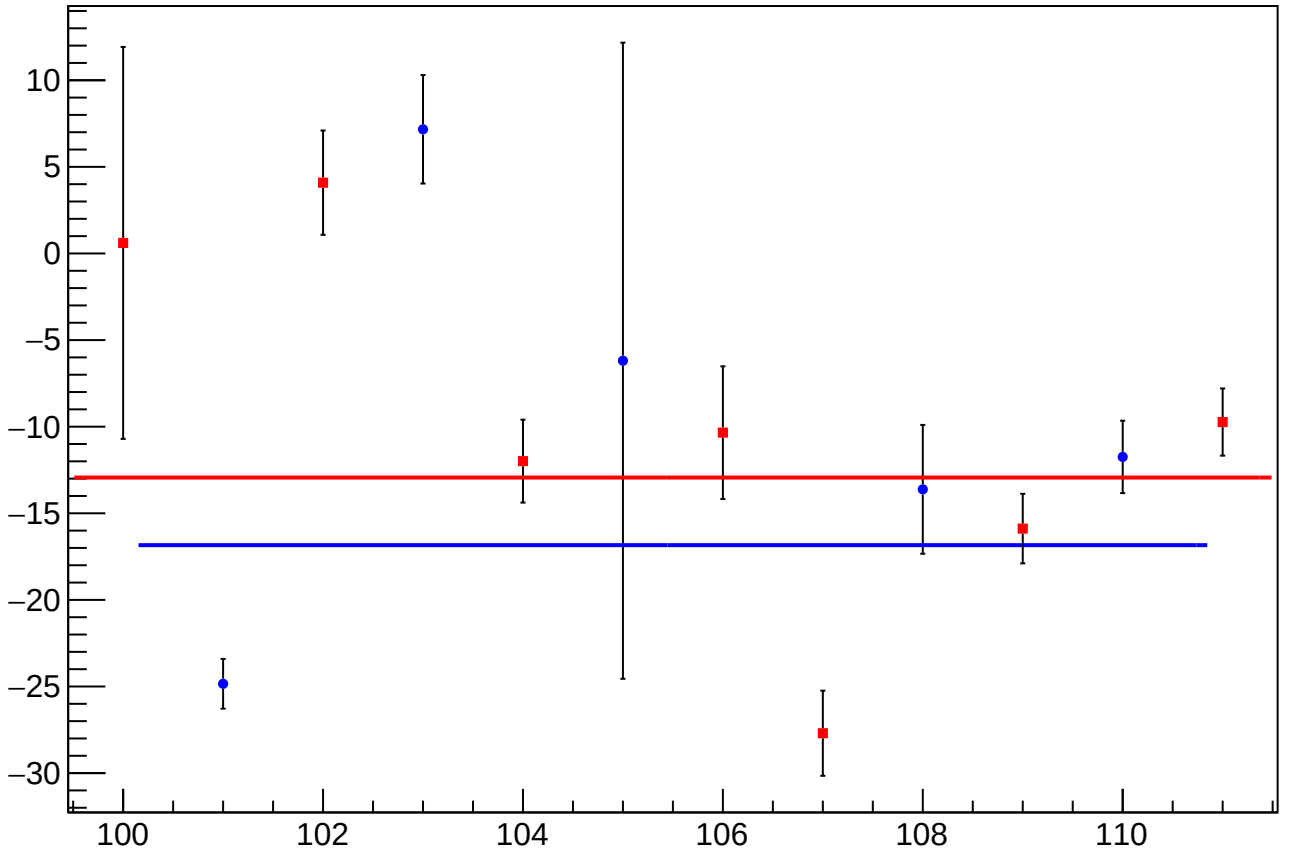
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -64.565+/-1.317 χ^2/NDF: 325.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-54.119+/-1.526 χ^2/NDF: 210.1/4

-64.565+/-1.317 χ^2/NDF: 325.6/6



Right In: -16.840+/-1.059 χ^2/NDF: 96.9/4

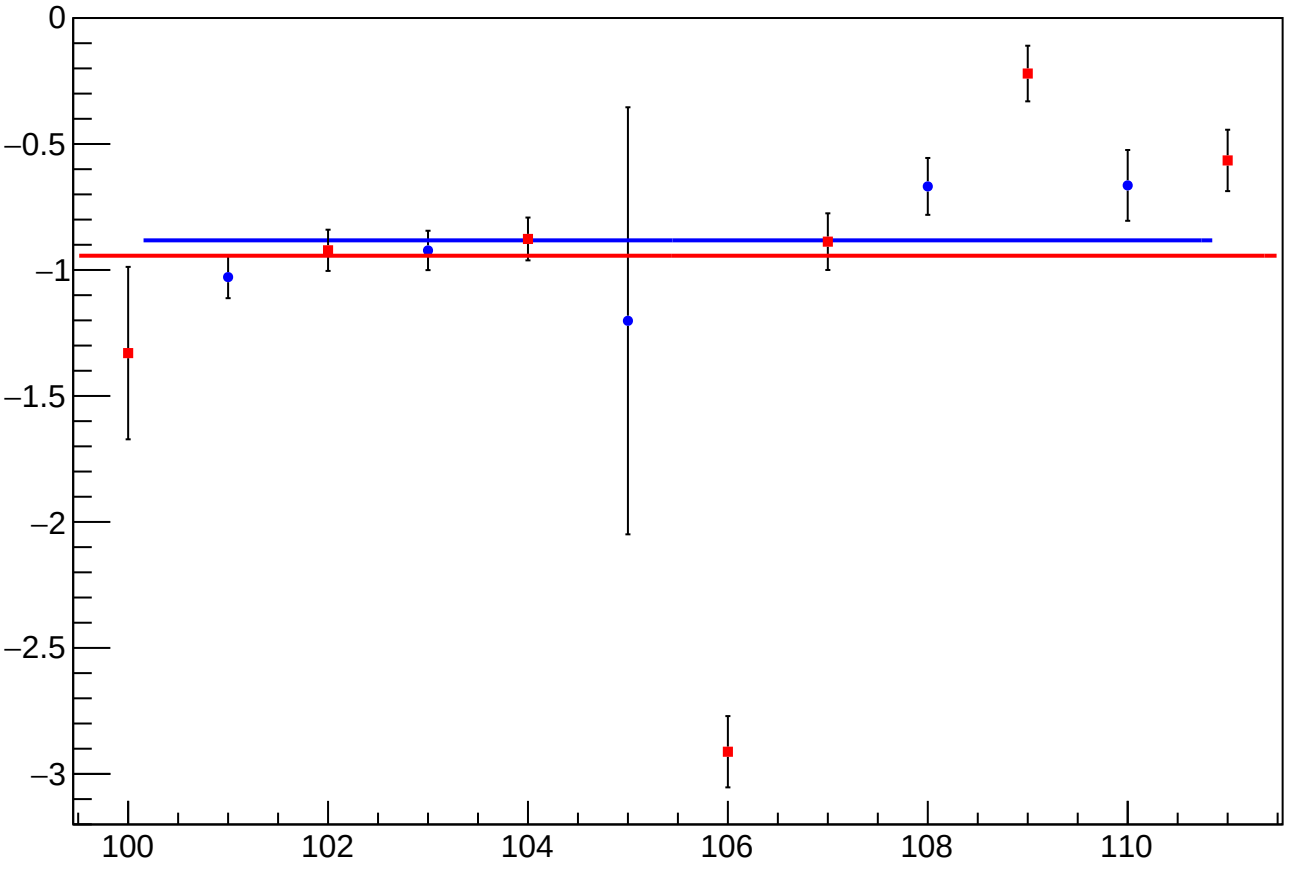
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.937+/-0.980 χ^2/NDF: 75.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-16.840+/-1.059 χ^2/NDF: 96.9/4

-12.937+/-0.980 χ^2/NDF: 75.0/6



Right In: -0.882+/-0.048 χ^2/NDF: 9.5/4

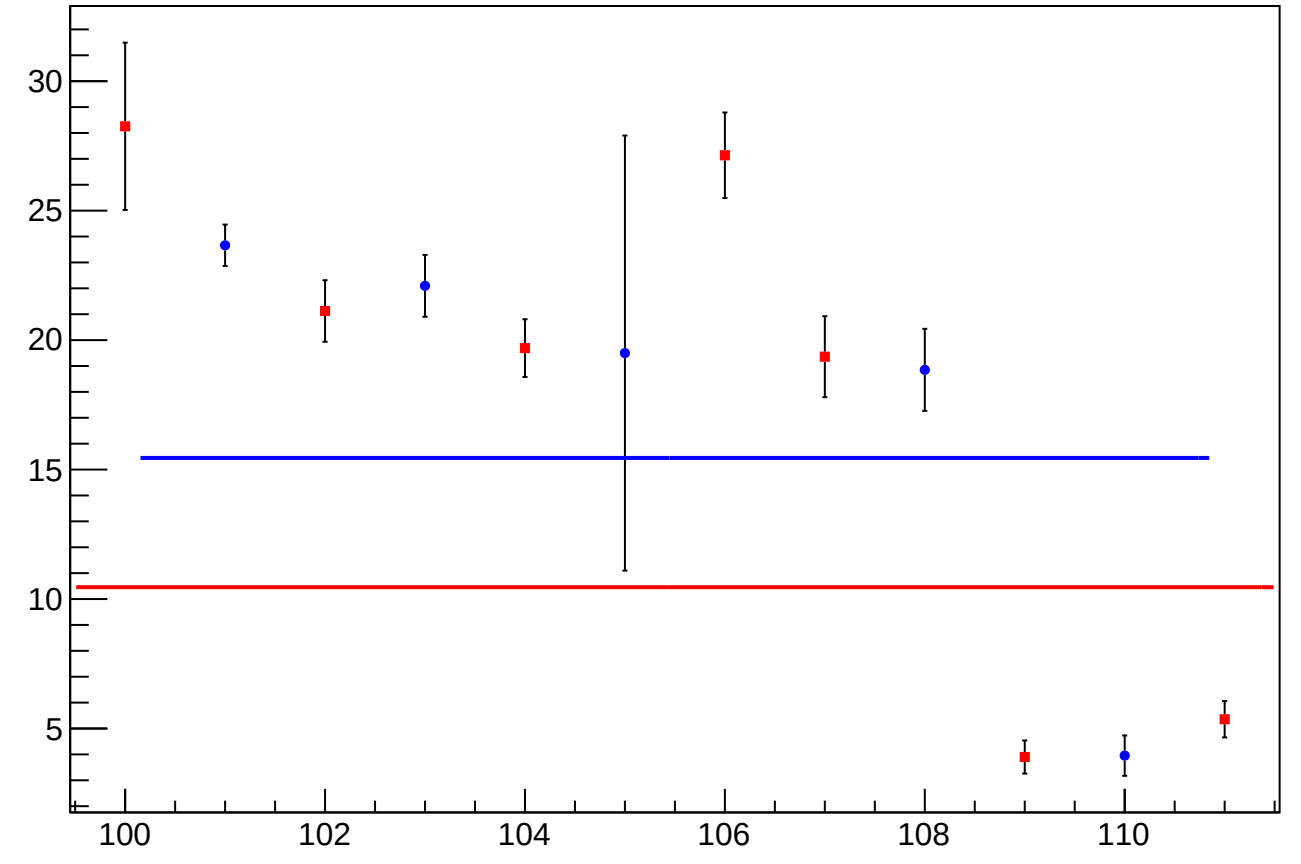
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.943+/-0.042 χ^2/NDF: 248.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.882+/-0.048 χ^2/NDF: 9.5/4

-0.943+/-0.042 χ^2/NDF: 248.4/6



Right In: 15.450+/-0.481 χ^2/NDF: 358.9/4

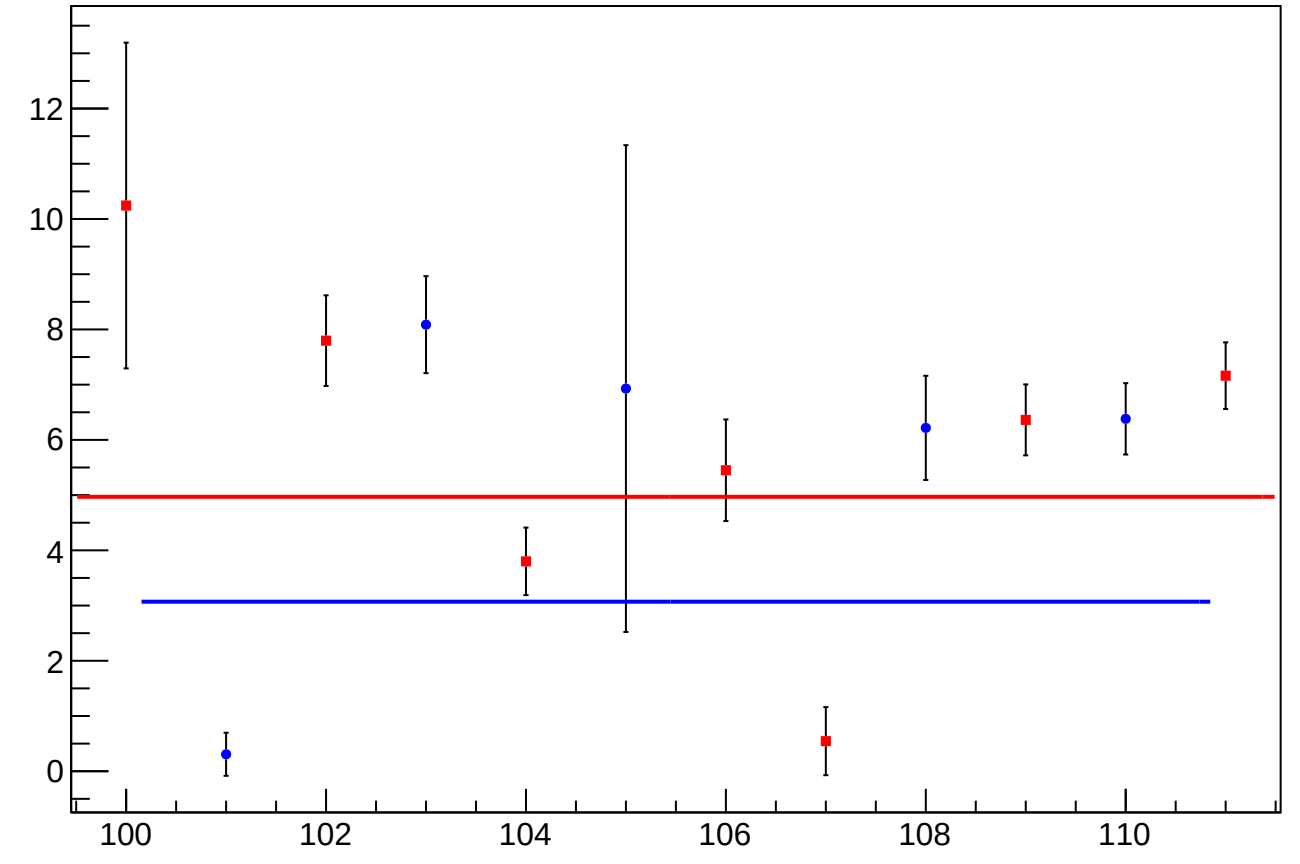
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.458+/-0.382 χ^2/NDF: 472.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

15.450+/-0.481 χ^2/NDF: 358.9/4

10.458+/-0.382 χ^2/NDF: 472.2/6



Right In: 3.070+/-0.296 χ^2/NDF: 121.0/4

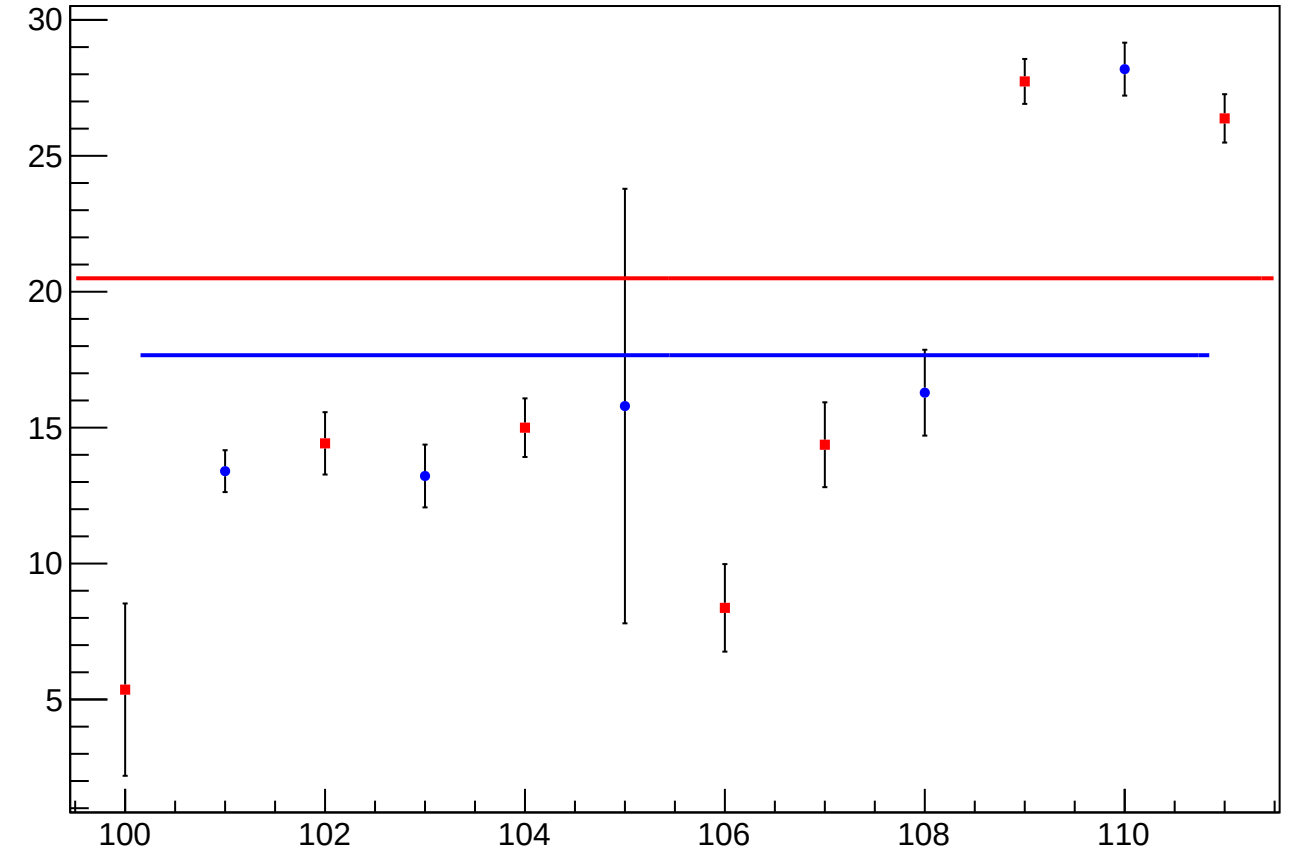
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.969+/-0.275 χ^2/NDF: 88.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3.070+/-0.296 χ^2/NDF: 121.0/4

4.969+/-0.275 χ^2/NDF: 88.4/6



Right In: 17.665+/-0.506 χ^2/NDF: 163.1/4

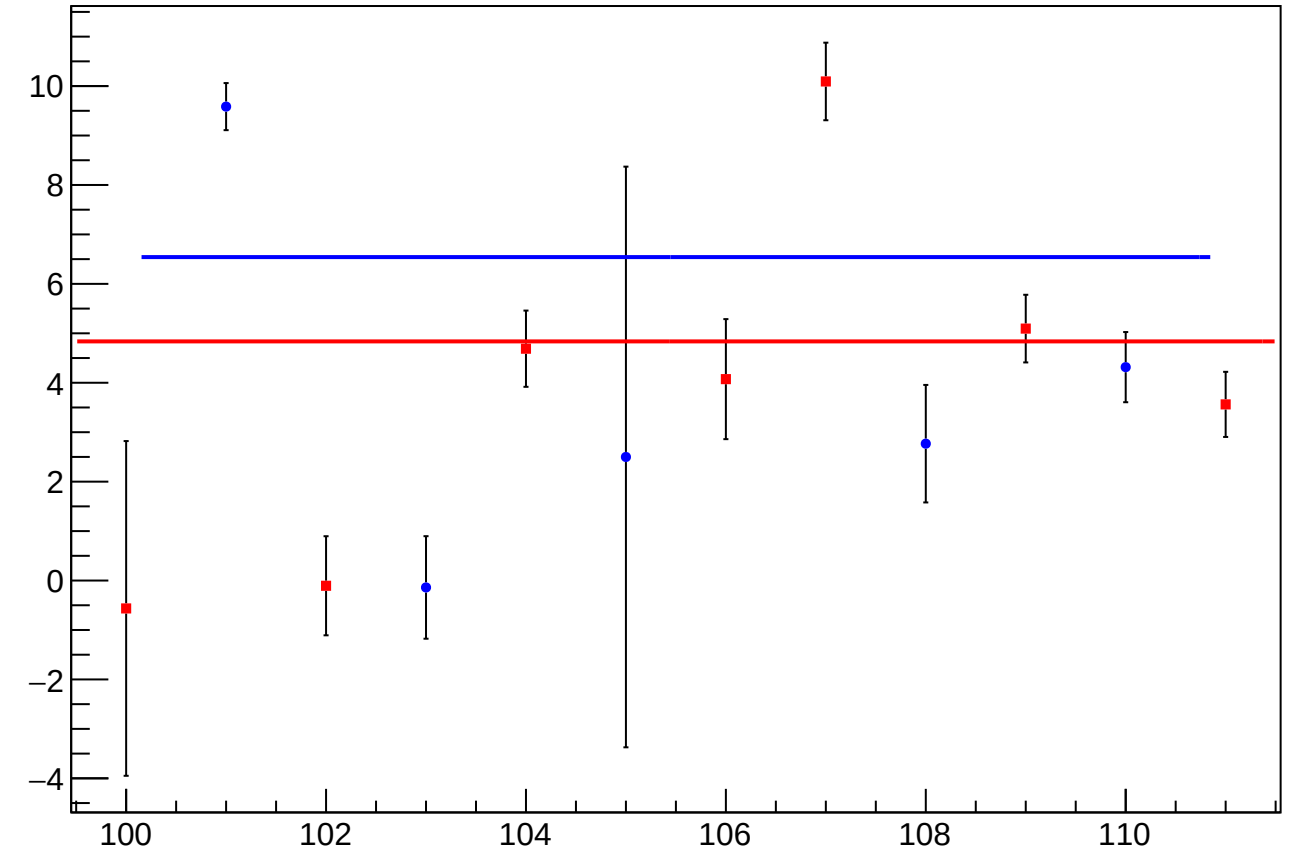
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.495+/-0.437 χ^2/NDF: 269.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.665+/-0.506 χ^2/NDF: 163.1/4

20.495+/-0.437 χ^2/NDF: 269.4/6



Right In: 6.542+/-0.352 χ^2/NDF: 102.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

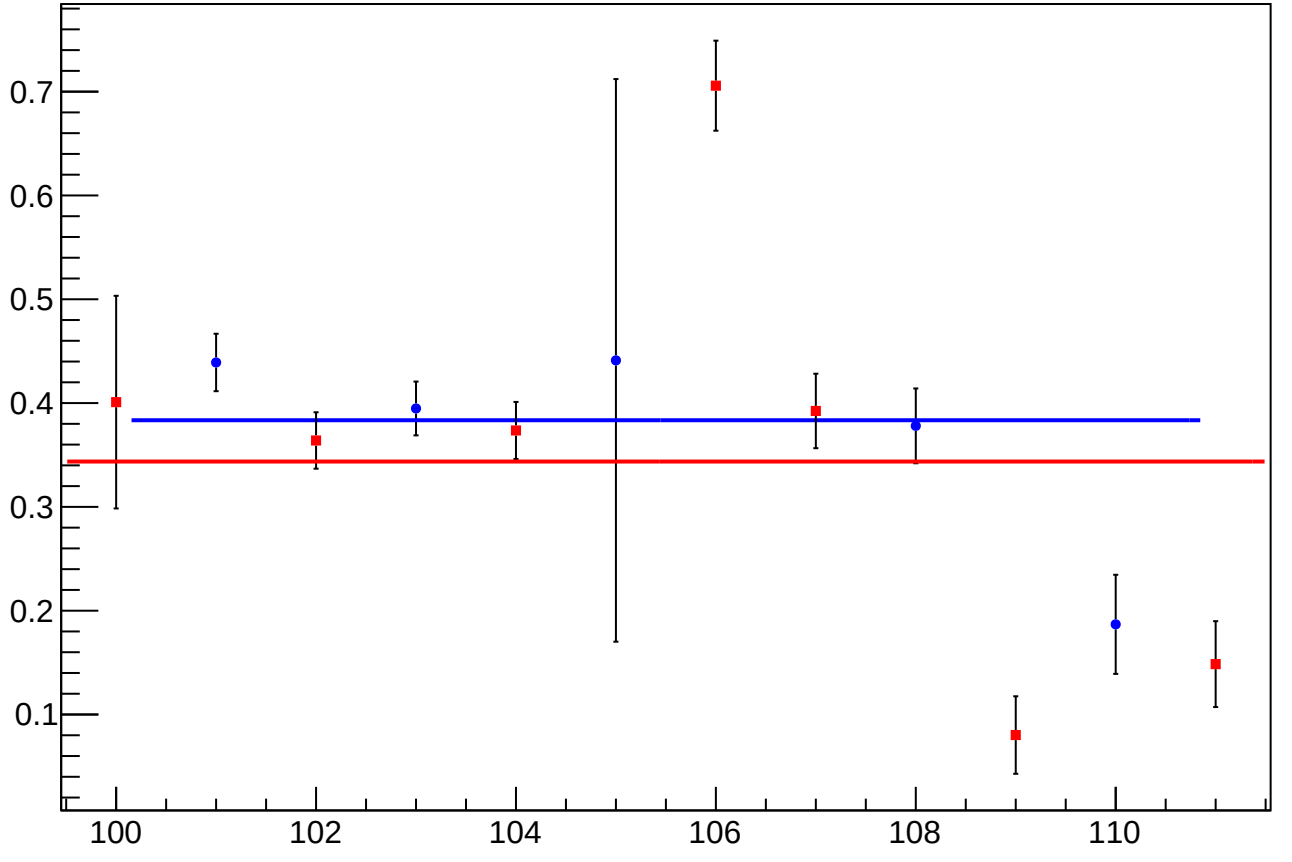
Right Out: 4.836+/-0.324 χ^2/NDF: 76.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.542+/-0.352 χ^2/NDF: 102.8/4

4.836+/-0.324 χ^2/NDF: 76.1/6

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs slug



Right In: 0.383+/-0.016 χ^2/NDF: 21.3/4

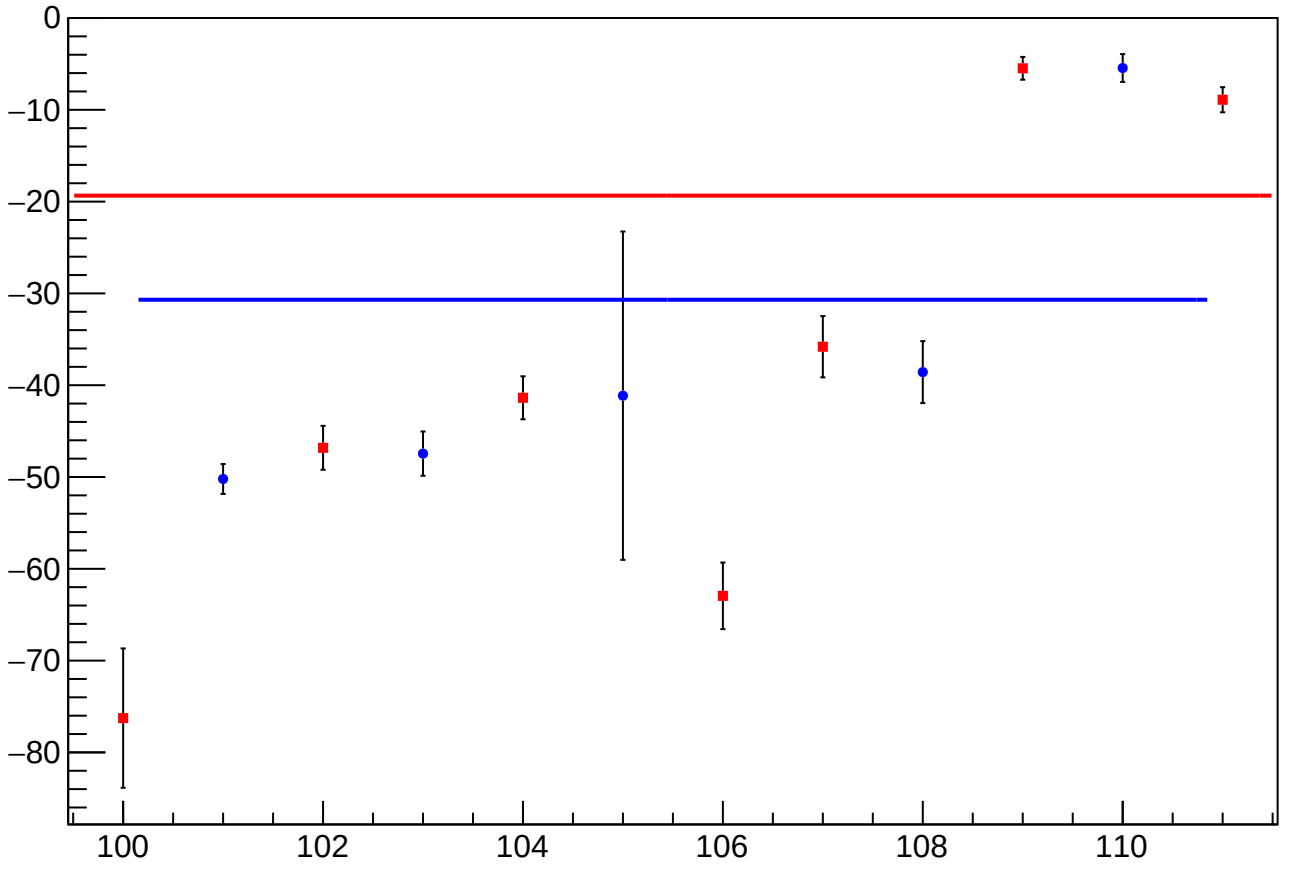
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.344+/-0.014 χ^2/NDF: 145.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.383+/-0.016 χ^2/NDF: 21.3/4

0.344+/-0.014 χ^2/NDF: 145.7/6



Right In: -30.688+/-0.965 χ^2/NDF: 474.6/4

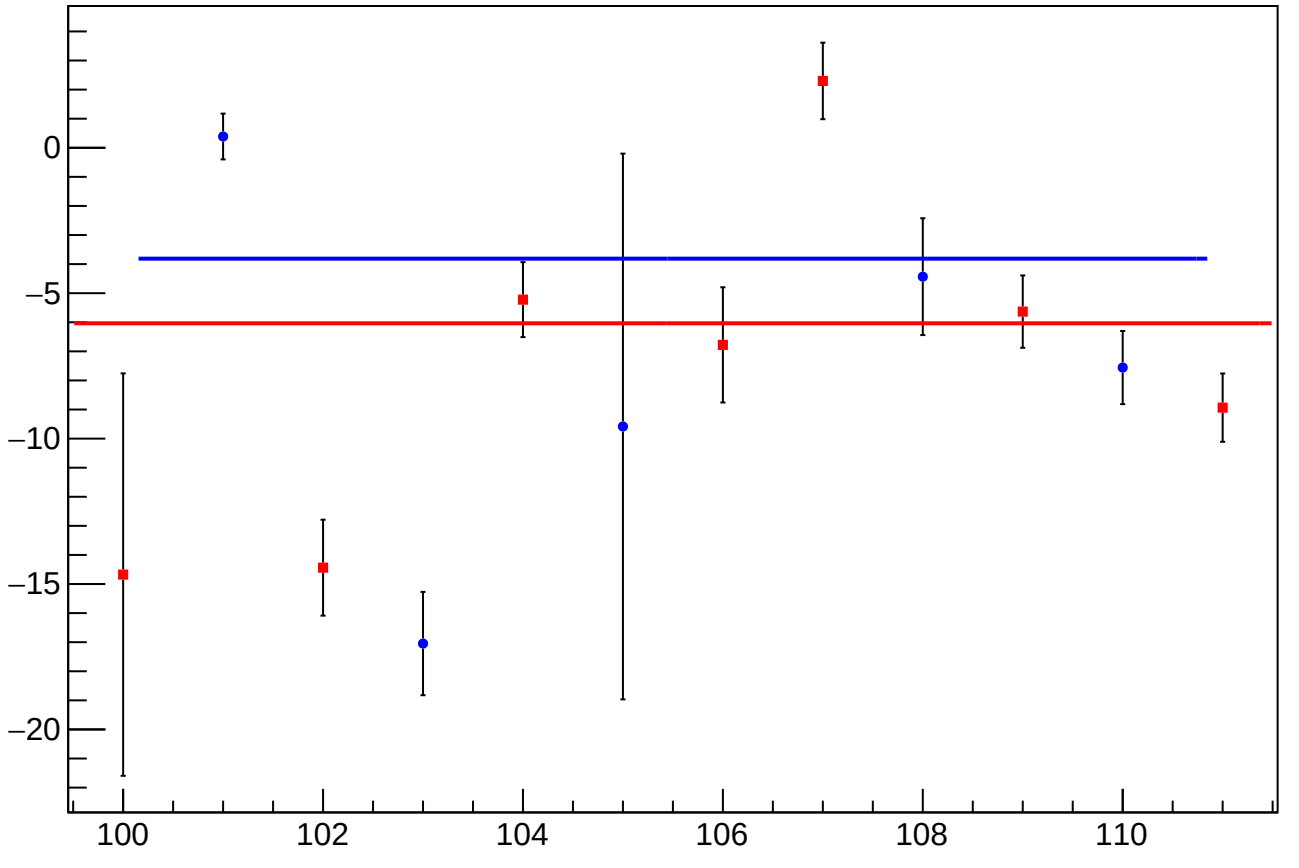
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.348+/-0.761 χ^2/NDF: 628.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-30.688+/-0.965 χ^2/NDF: 474.6/4

-19.348+/-0.761 χ^2/NDF: 628.8/6



Right In: -3.812+/-0.595 χ^2/NDF: 93.3/4

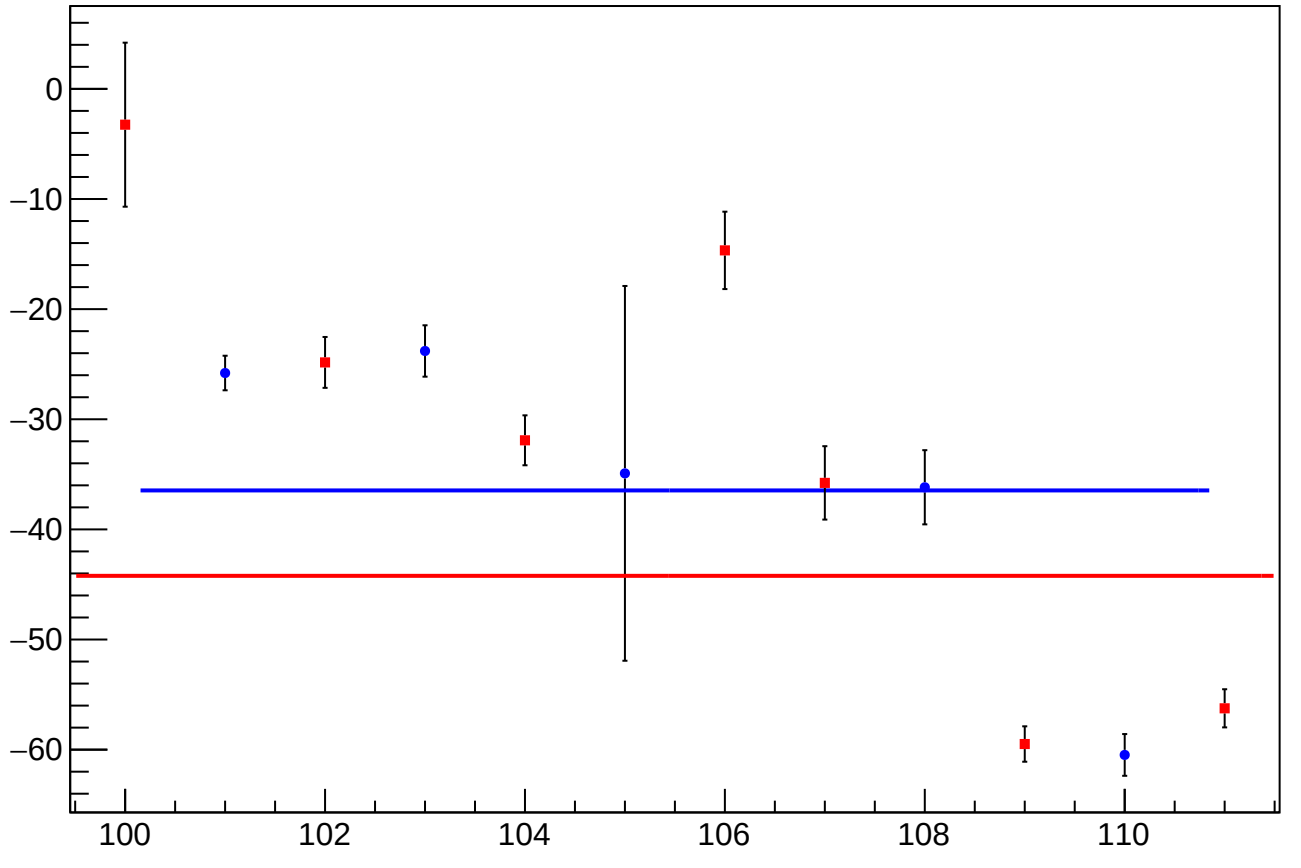
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.035+/-0.560 χ^2/NDF: 74.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.812+/-0.595 χ^2/NDF: 93.3/4

-6.035+/-0.560 χ^2/NDF: 74.4/6



Right In: -36.462+/-1.021 χ^2/NDF: 236.2/4

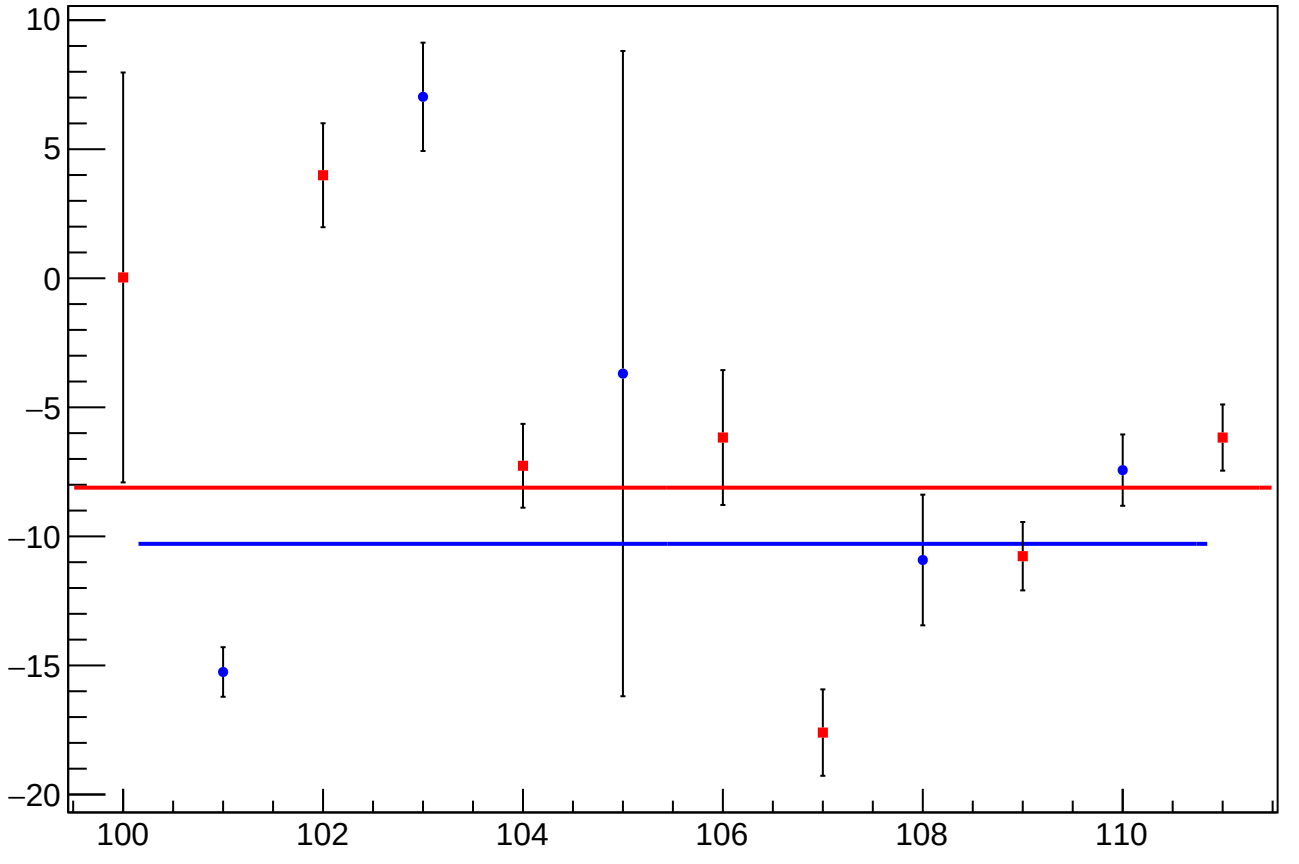
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -44.217+/-0.880 χ^2/NDF: 345.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-36.462+/-1.021 χ^2/NDF: 236.2/4

-44.217+/-0.880 χ^2/NDF: 345.8/6



Right In: -10.288+/-0.708 χ^2/NDF: 99.4/4

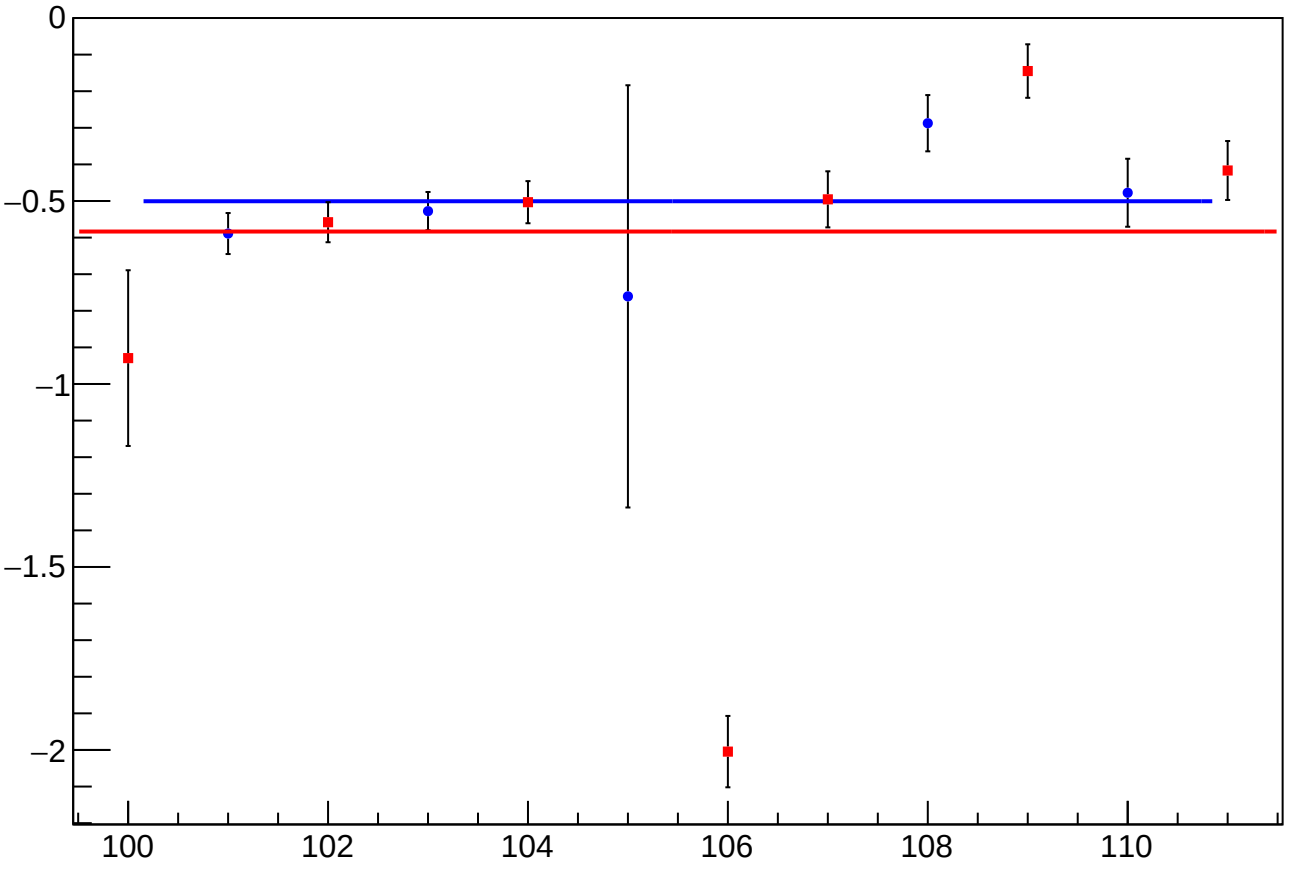
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.112+/-0.656 χ^2/NDF: 76.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-10.288+/-0.708 χ^2/NDF: 99.4/4

-8.112+/-0.656 χ^2/NDF: 76.4/6



Right In: -0.501+/-0.032 χ^2/NDF: 10.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

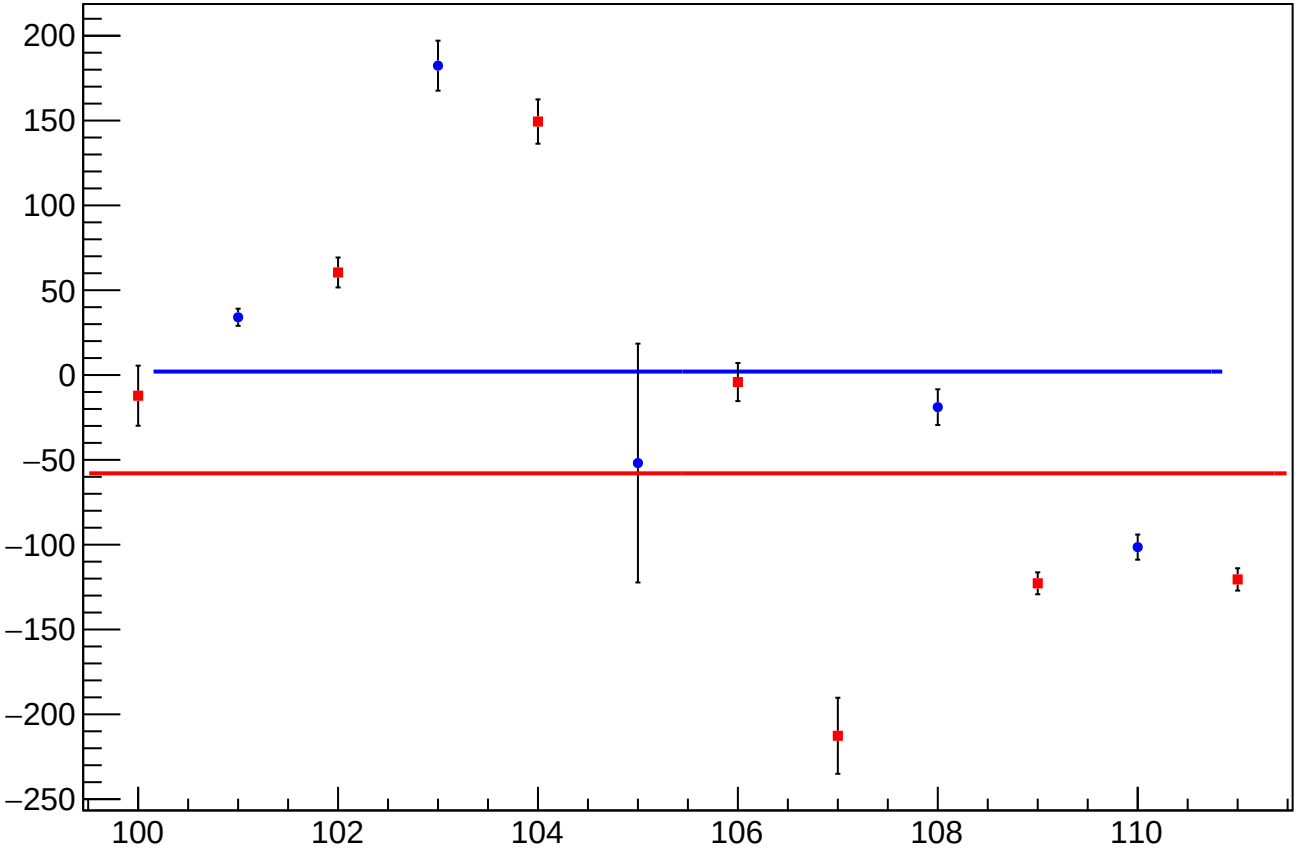
Right Out: -0.583+/-0.028 χ^2/NDF: 258.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.501+/-0.032 χ^2/NDF: 10.7/4

-0.583+/-0.028 χ^2/NDF: 258.2/6

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 2.045+/-3.746 χ^2/NDF: 389.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

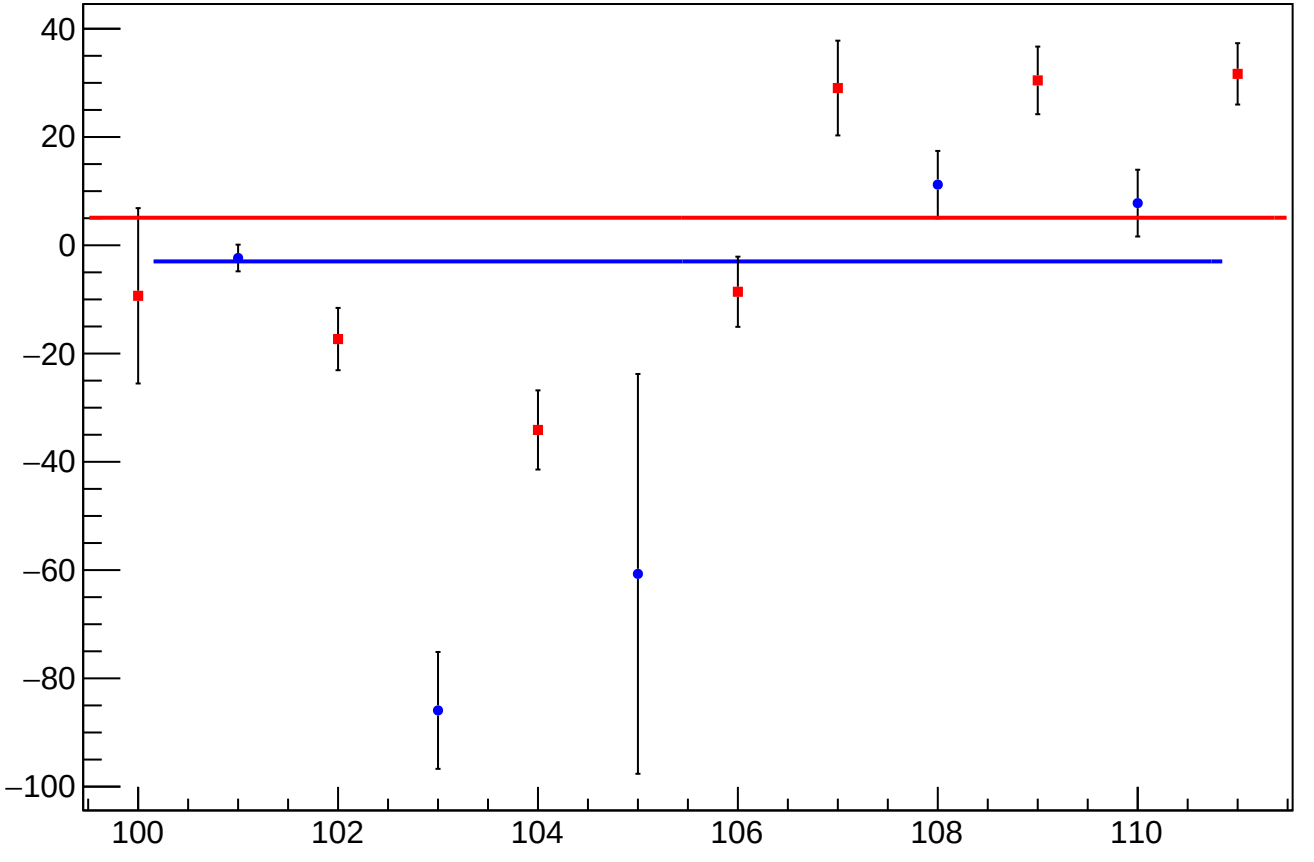
Right Out: -57.936+/-3.561 χ^2/NDF: 700.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.045+/-3.746 χ^2/NDF: 389.5/4

-57.936+/-3.561 χ^2/NDF: 700.0/6

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.980+/-2.102 χ^2/NDF: 69.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

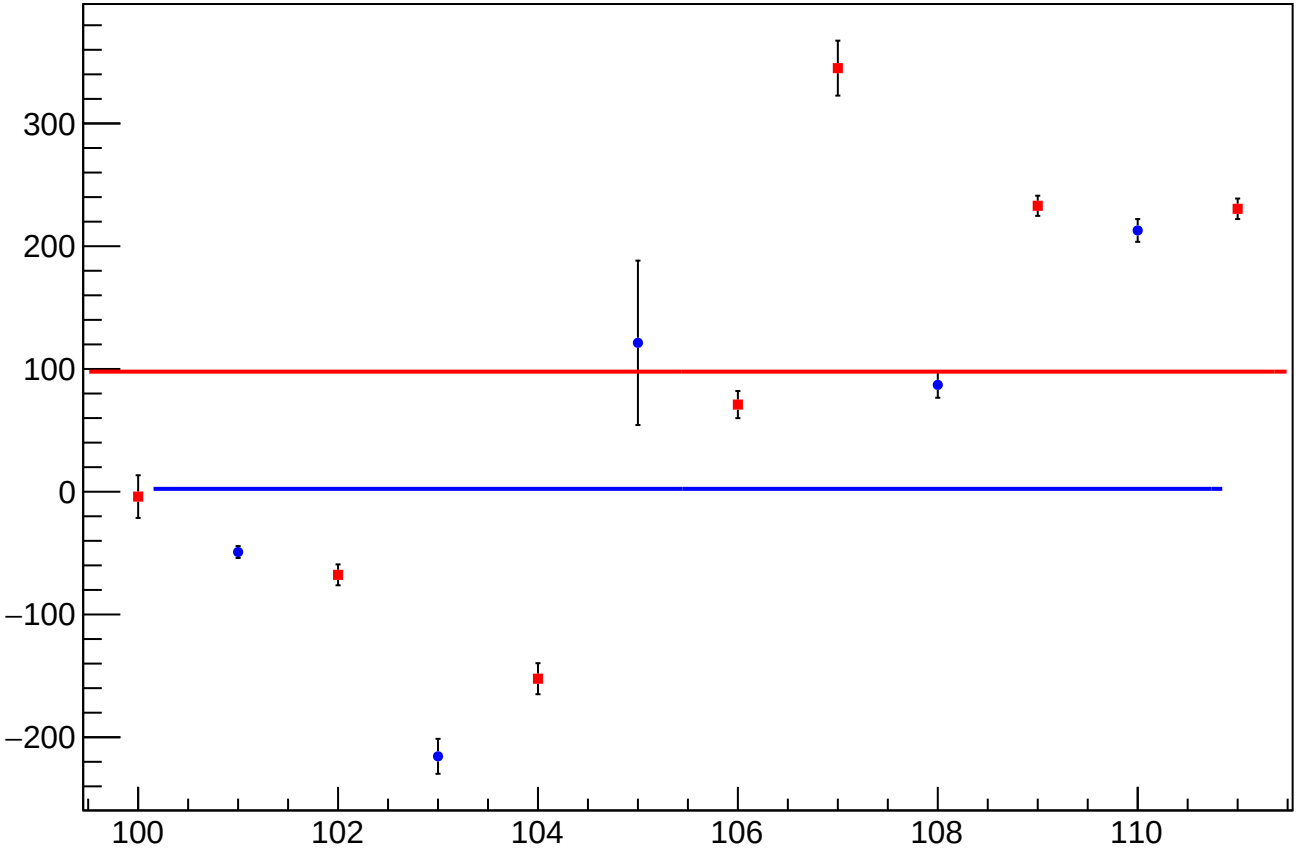
Right Out: 5.090+/-2.614 χ^2/NDF: 95.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.980+/-2.102 χ^2/NDF: 69.8/4

5.090+/-2.614 χ^2/NDF: 95.2/6

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 2.353+/-3.832 χ^2/NDF: 929.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

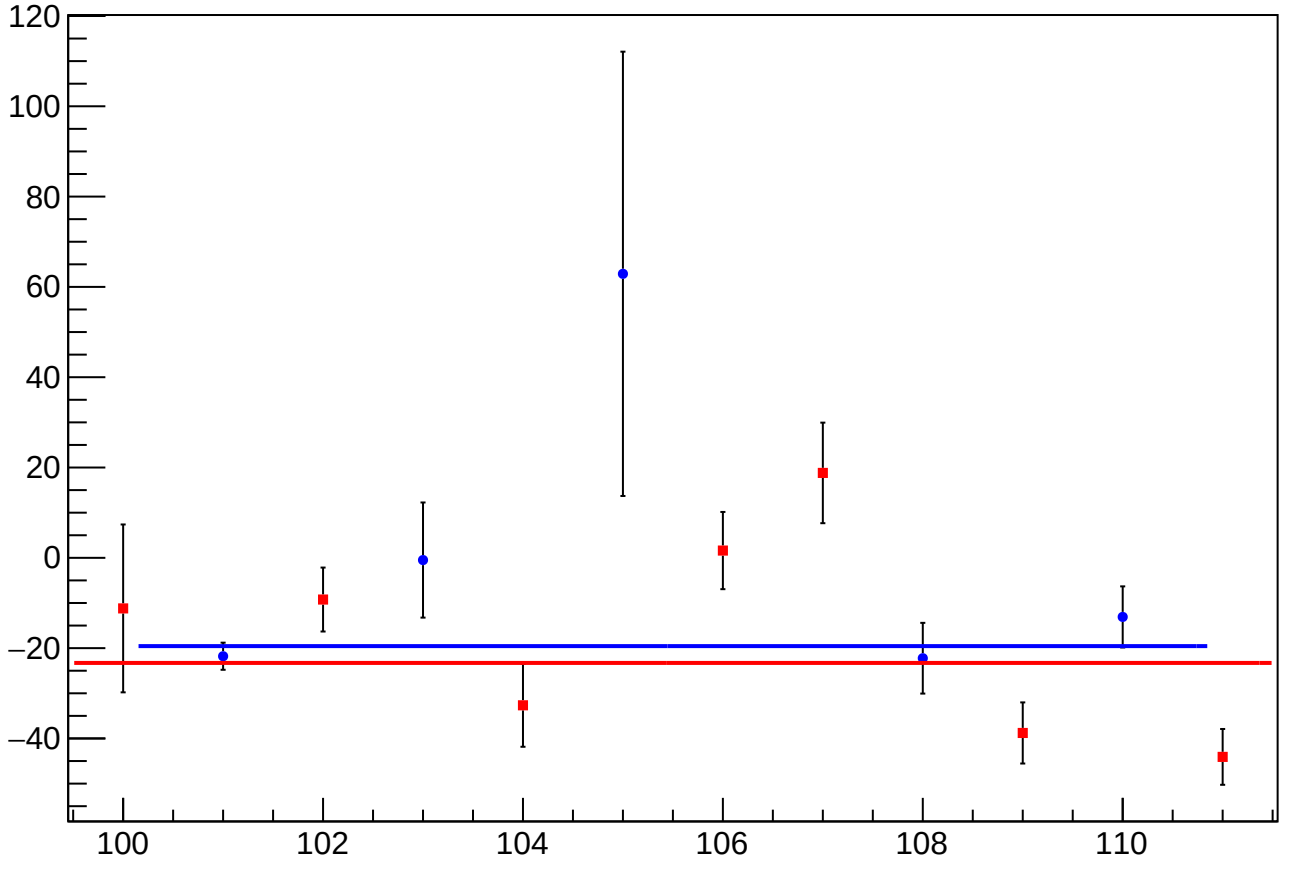
Right Out: 97.826+/-3.993 χ^2/NDF: 1454.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.353+/-3.832 χ^2/NDF: 929.8/4

97.826+/-3.993 χ^2/NDF: 1454.6/6

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -19.549+/-2.534 χ^2/NDF: 6.6/4

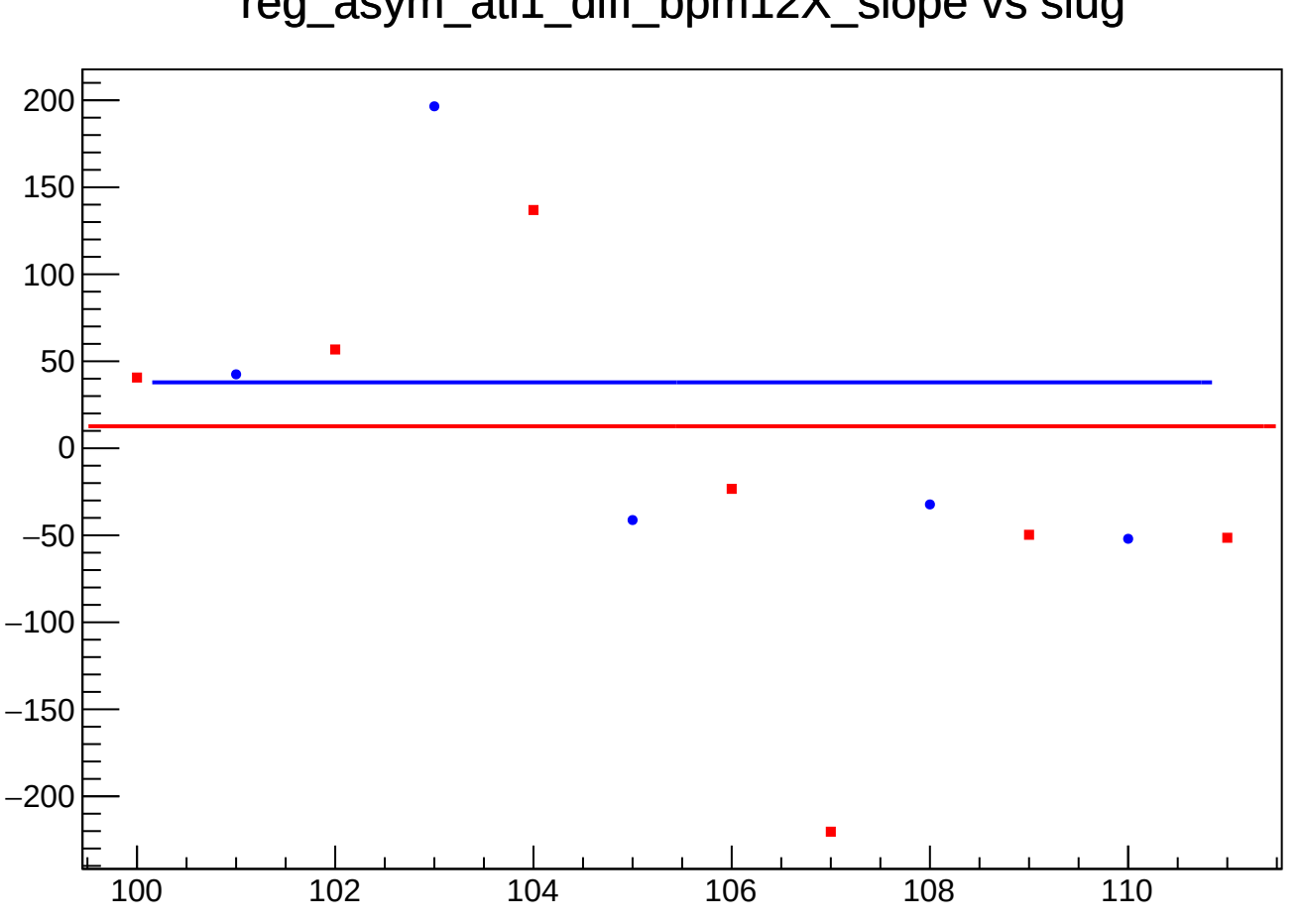
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -23.274+/-3.094 χ^2/NDF: 44.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-19.549+/-2.534 χ^2/NDF: 6.6/4

-23.274+/-3.094 χ^2/NDF: 44.7/6



Right In: 37.886+/-0.124 χ^2/NDF: 375549.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

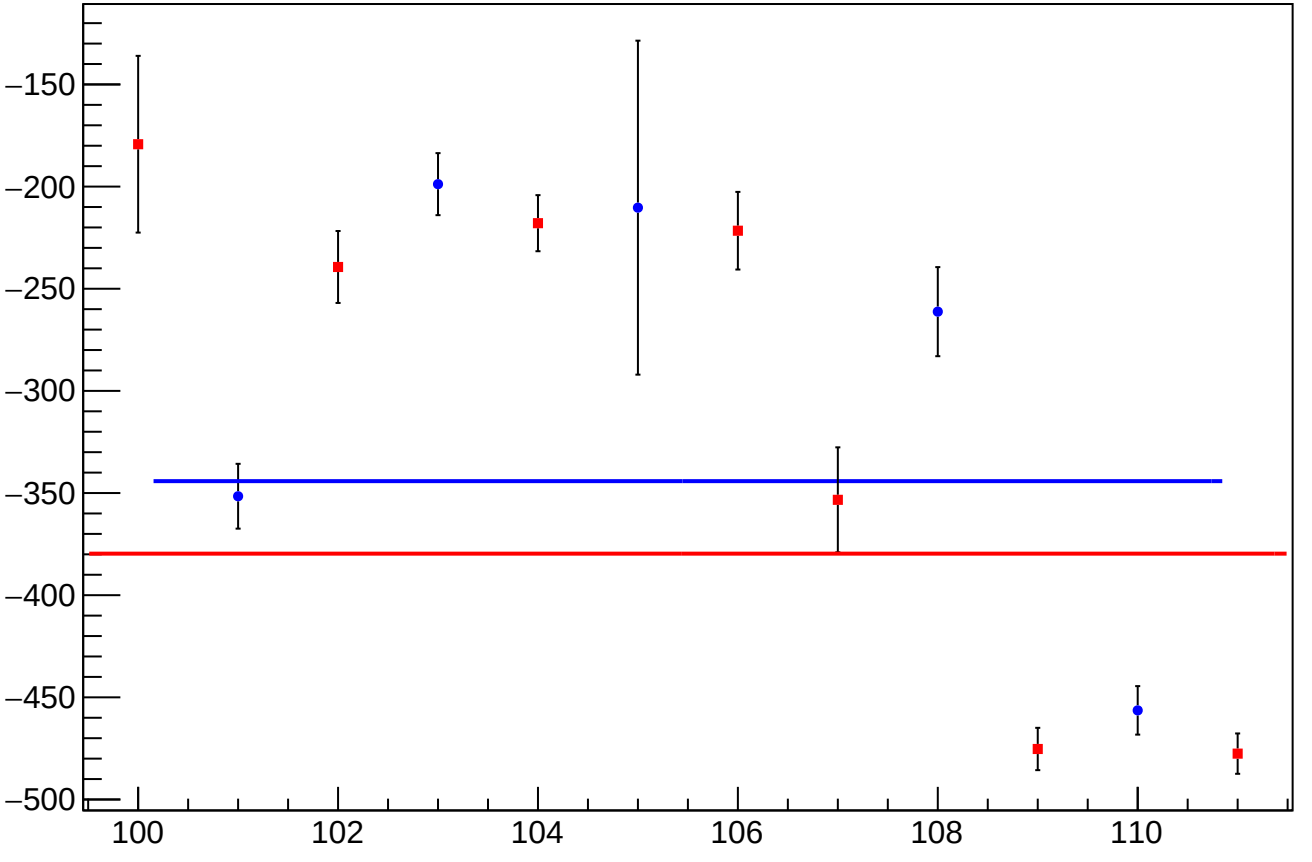
Right Out: 12.663+/-0.121 χ^2/NDF: 481932.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

37.886+/-0.124 χ^2/NDF: 375549.5/4

12.663+/-0.121 χ^2/NDF: 481932.4/6

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -344.177+/-7.525 χ^2/NDF: 198.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

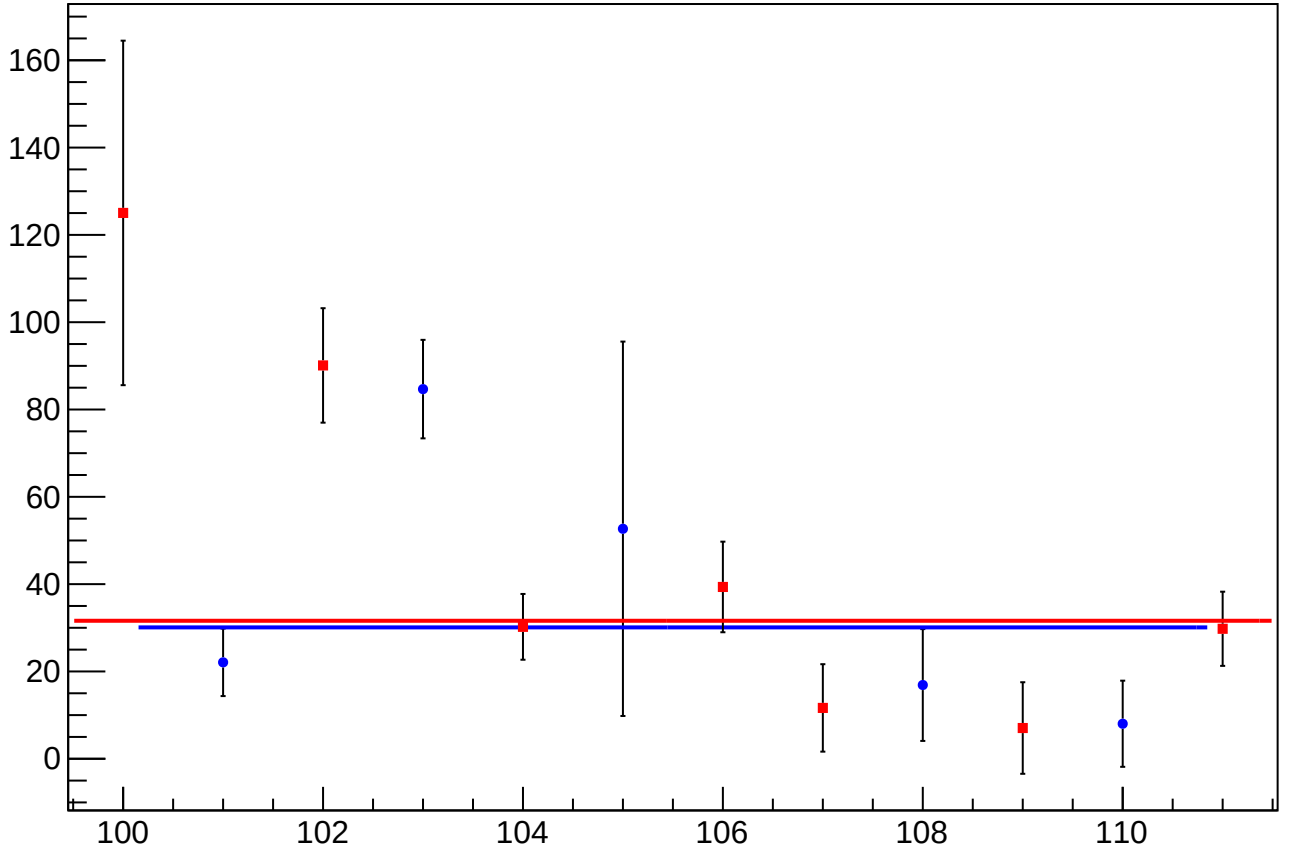
Right Out: -379.667+/-5.510 χ^2/NDF: 477.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-344.177+/-7.525 χ^2/NDF: 198.4/4

-379.667+/-5.510 χ^2/NDF: 477.6/6

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 30.092+/-4.908 χ^2/NDF: 30.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

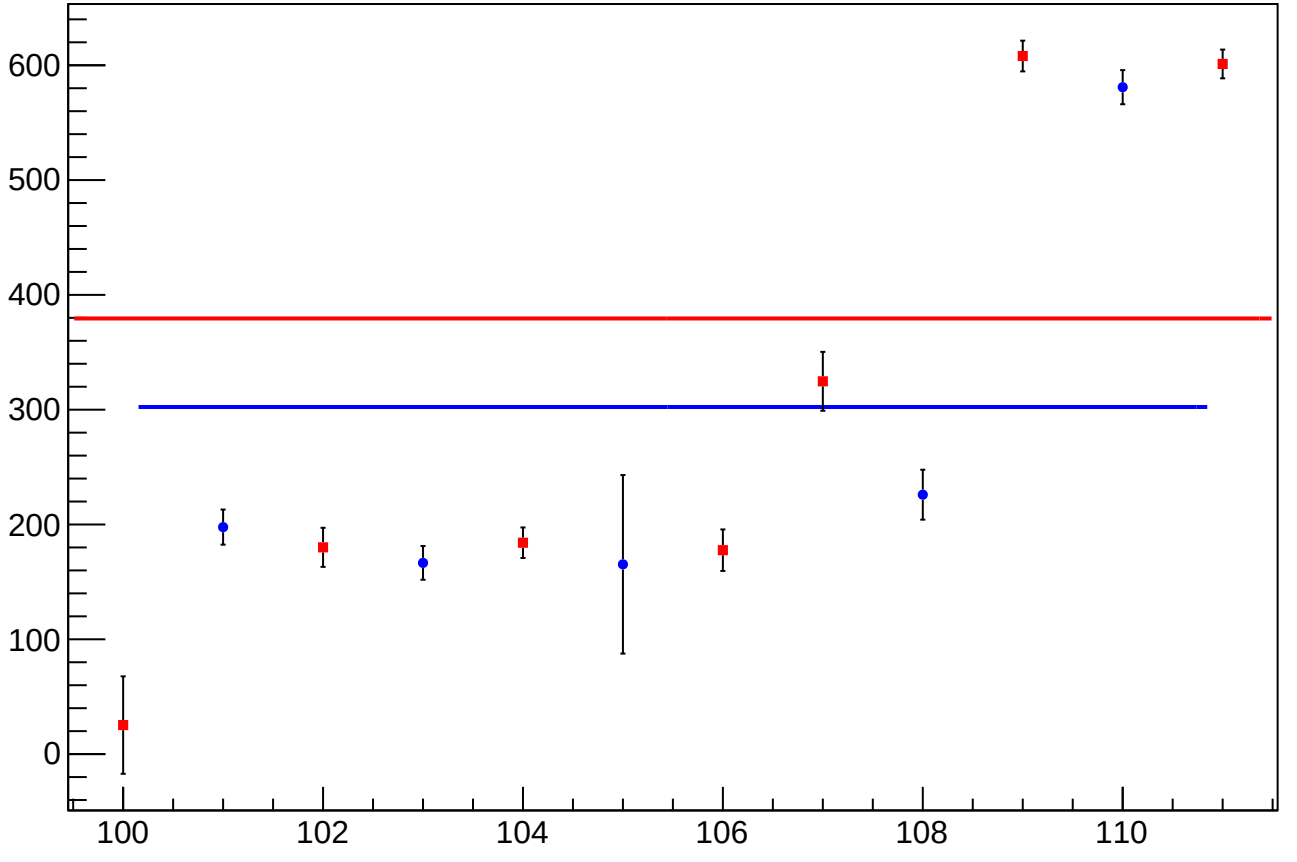
Right Out: 31.609+/-3.884 χ^2/NDF: 35.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

30.092+/-4.908 χ^2/NDF: 30.8/4

31.609+/-3.884 χ^2/NDF: 35.6/6

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: 302.347+/-7.973 χ^2/NDF: 499.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

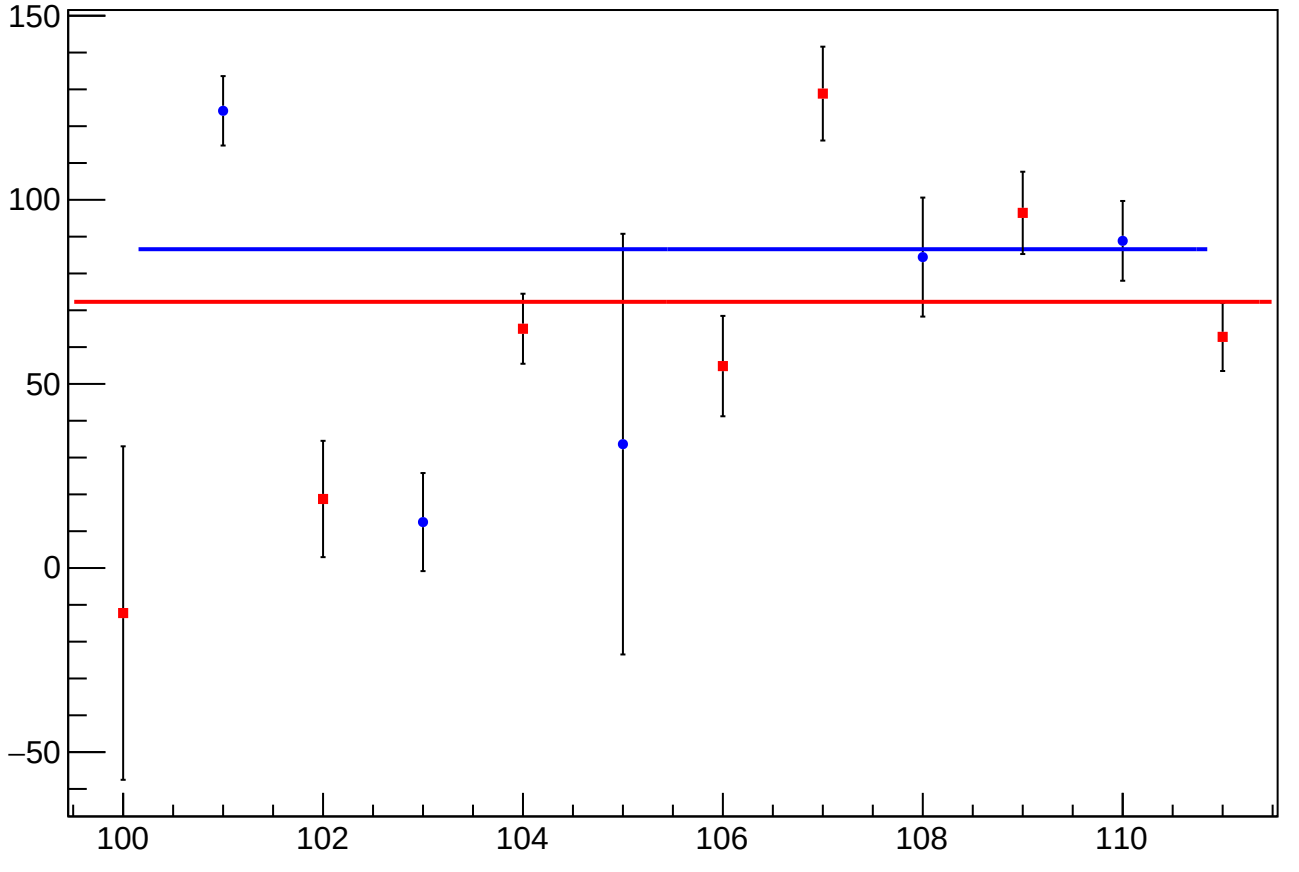
Right Out: 379.438+/-6.176 χ^2/NDF: 1157.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

302.347+/-7.973 χ^2/NDF: 499.4/4

379.438+/-6.176 χ^2/NDF: 1157.7/6

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 86.588+/-5.818 χ^2/NDF: 47.8/4

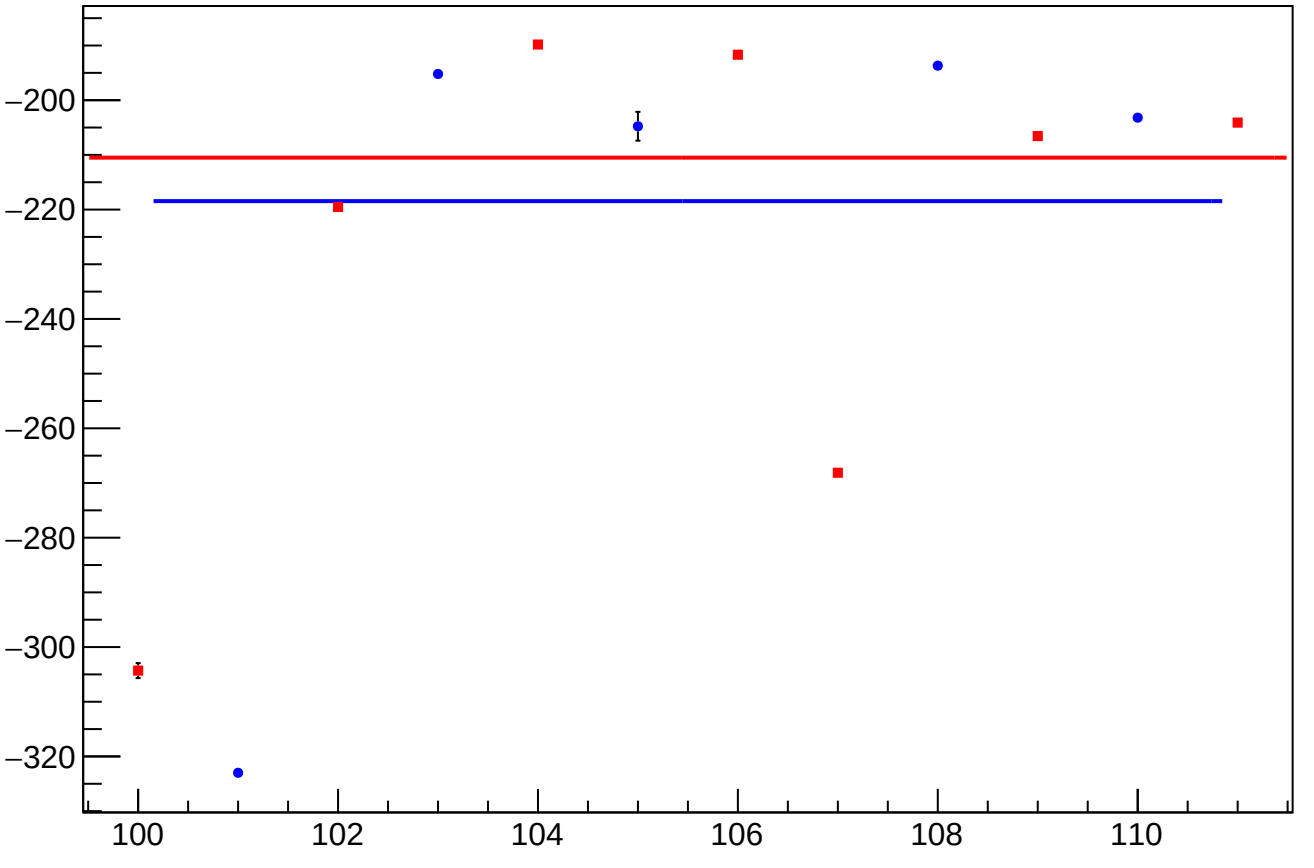
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 72.298+/-4.626 χ^2/NDF: 42.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

86.588+/-5.818 χ^2/NDF: 47.8/4

72.298+/-4.626 χ^2/NDF: 42.6/6



Right In: -218.453+/-0.232 χ^2/NDF: 43947.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

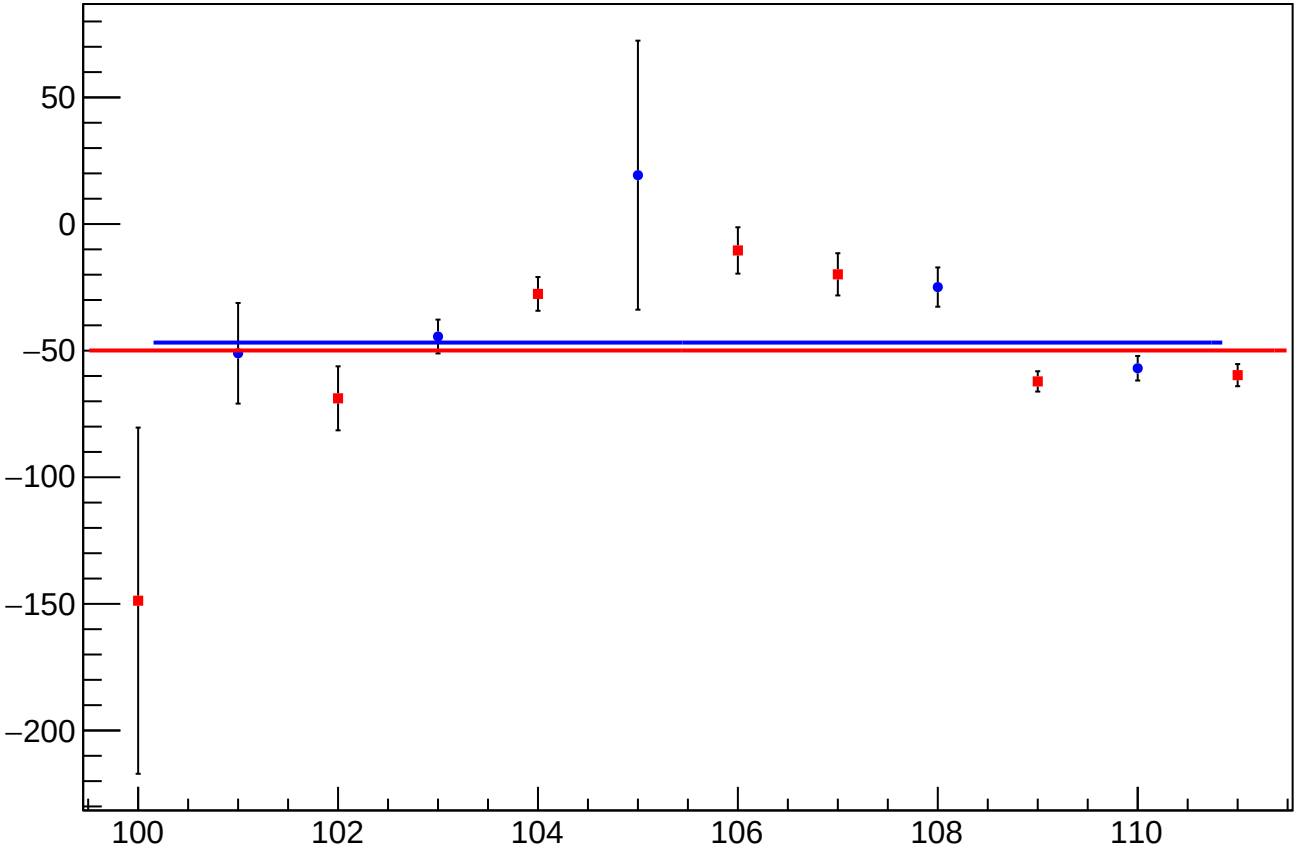
Right Out: -210.504+/-0.190 χ^2/NDF: 19838.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-218.453+/-0.232 χ^2/NDF: 43947.4/4

-210.504+/-0.190 χ^2/NDF: 19838.4/6

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -46.805+/-3.443 χ^2/NDF: 14.1/4

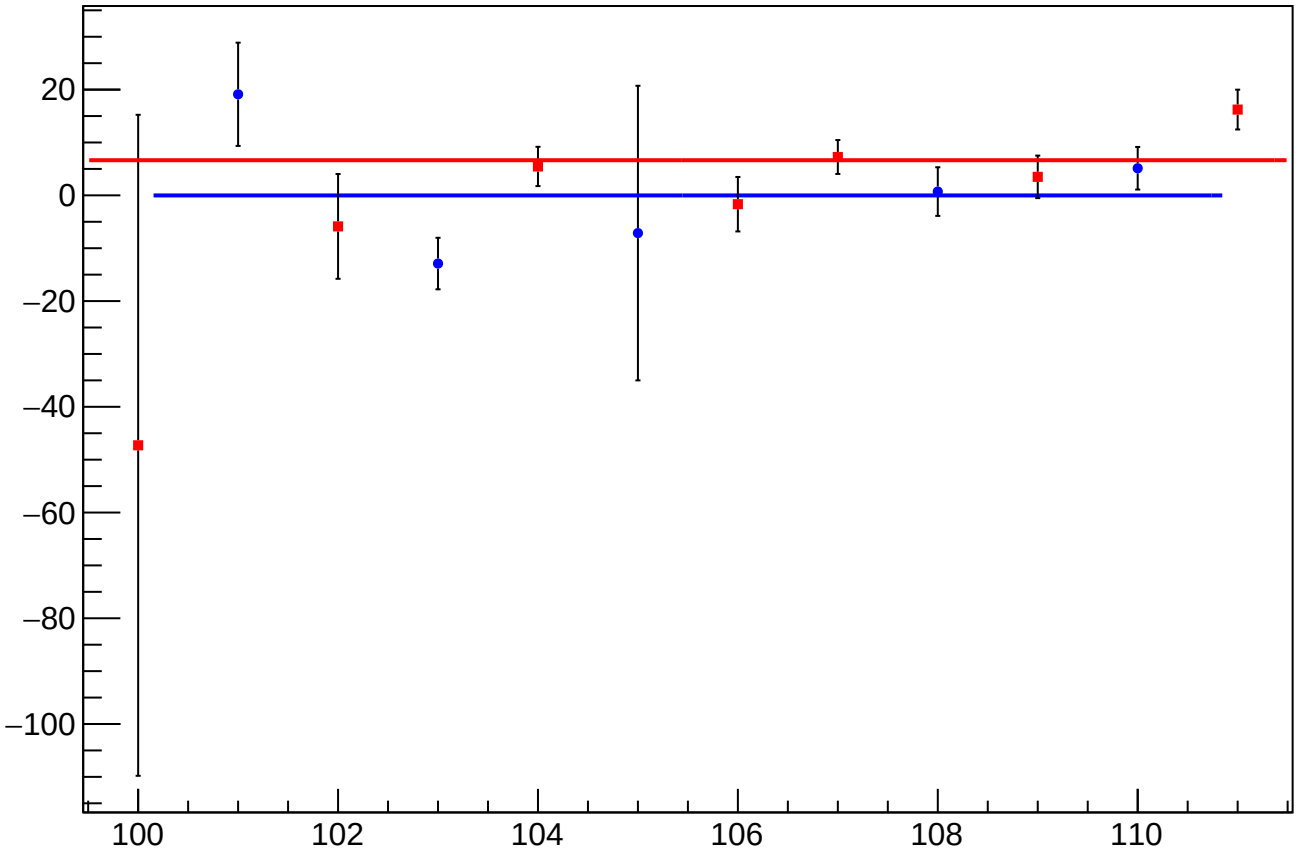
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -49.929+/-2.428 χ^2/NDF: 61.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-46.805+/-3.443 χ^2/NDF: 14.1/4

-49.929+/-2.428 χ^2/NDF: 61.4/6



Right In: -0.016+/-2.479 χ^2/NDF: 12.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

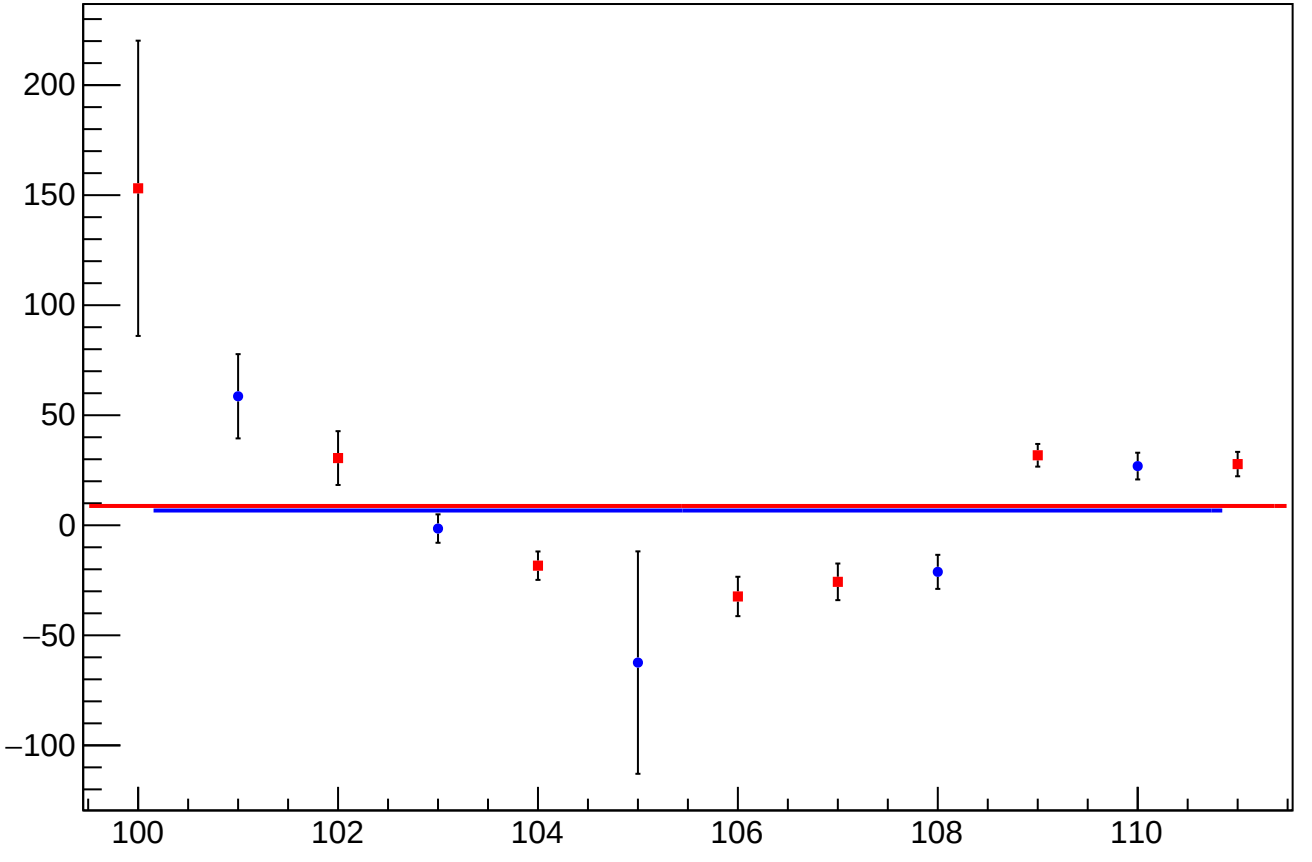
Right Out: 6.645+/-1.689 χ^2/NDF: 12.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.016+/-2.479 χ^2/NDF: 12.5/4

6.645+/-1.689 χ^2/NDF: 12.2/6

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: 6.706+/-3.755 χ^2/NDF: 34.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

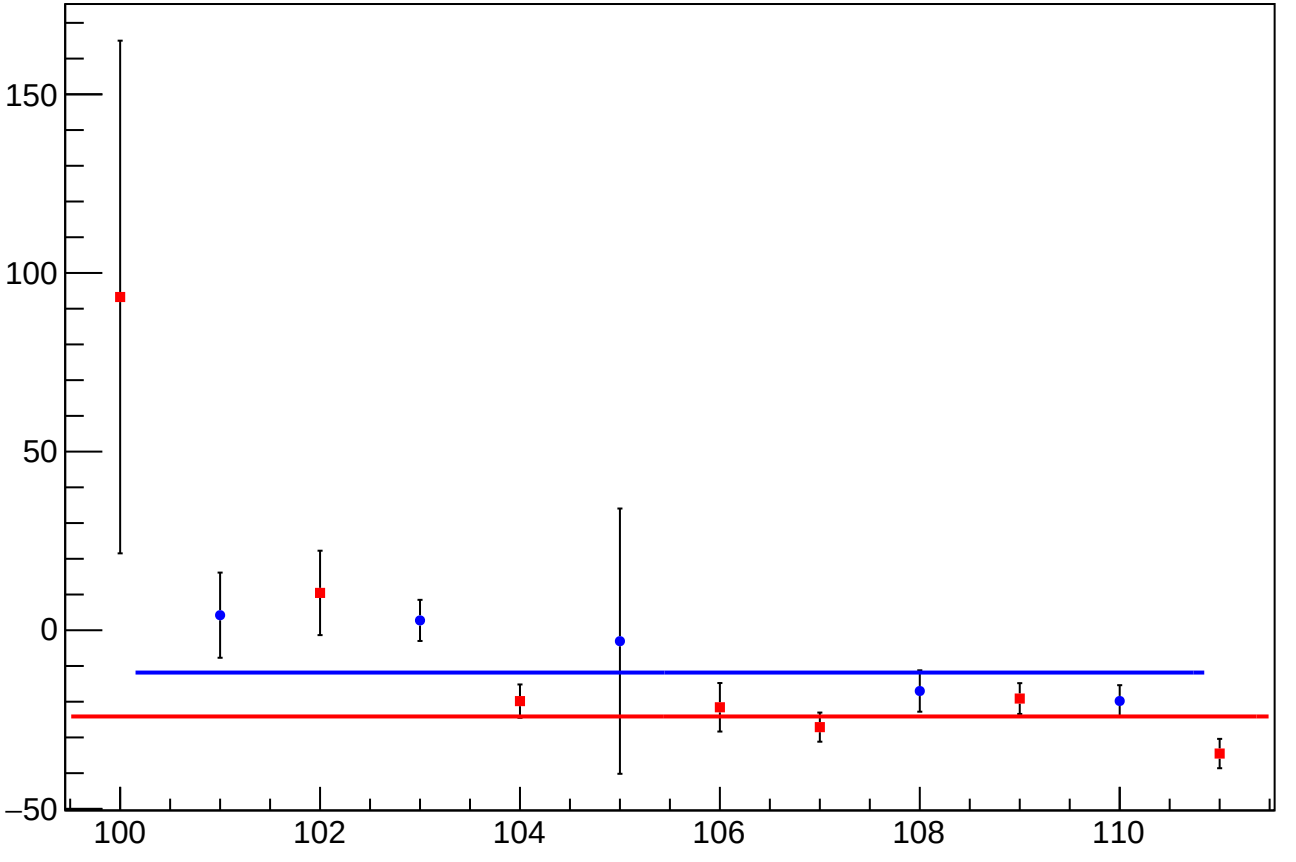
Right Out: 8.775+/-2.795 χ^2/NDF: 95.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.706+/-3.755 χ^2/NDF: 34.9/4

8.775+/-2.795 χ^2/NDF: 95.5/6

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -11.842+/-2.901 χ^2/NDF: 12.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

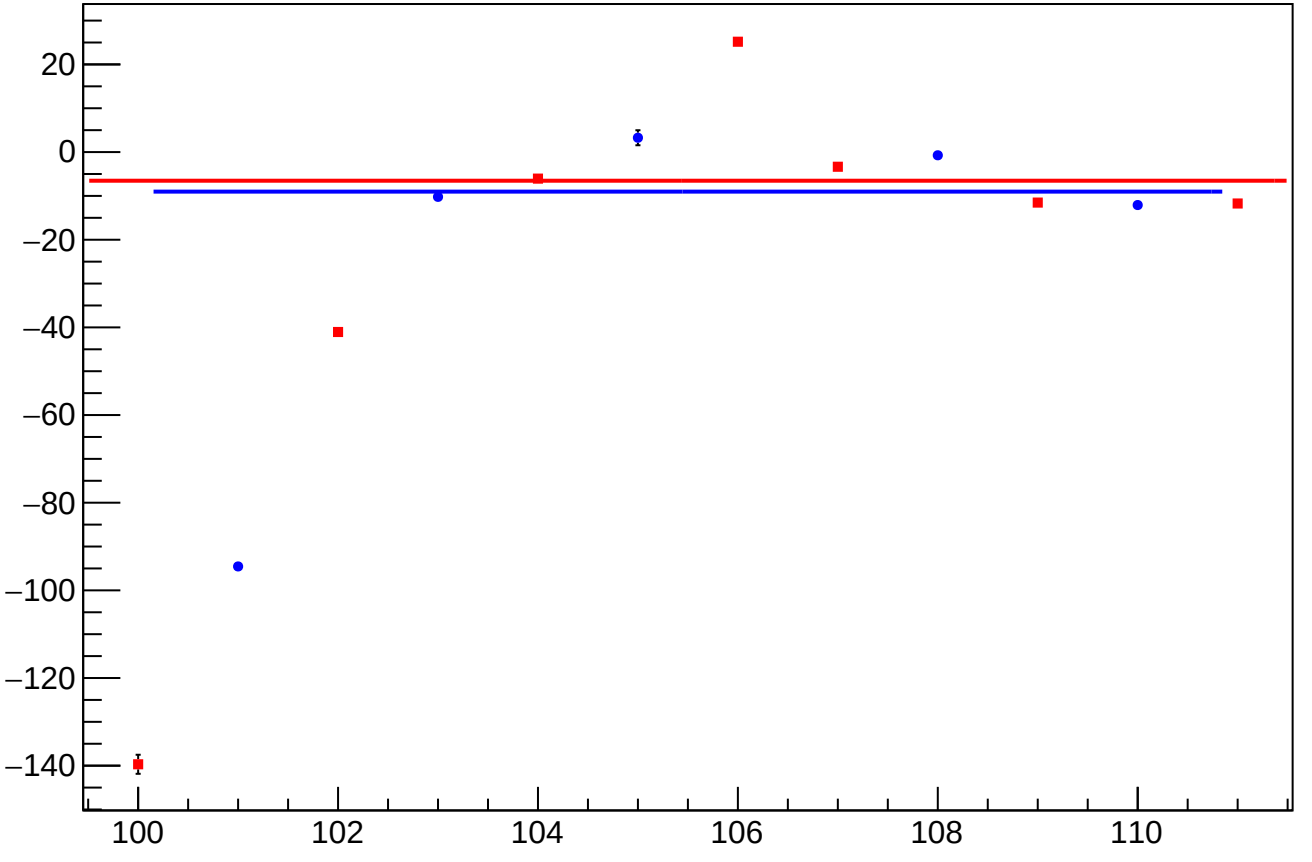
Right Out: -24.131+/-2.006 χ^2/NDF: 20.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-11.842+/-2.901 χ^2/NDF: 12.3/4

-24.131+/-2.006 χ^2/NDF: 20.5/6

reg_asym_atr1_diff_bpm12X_slope vs slug



Right In: -9.022+/-0.103 χ^2/NDF: 17976.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

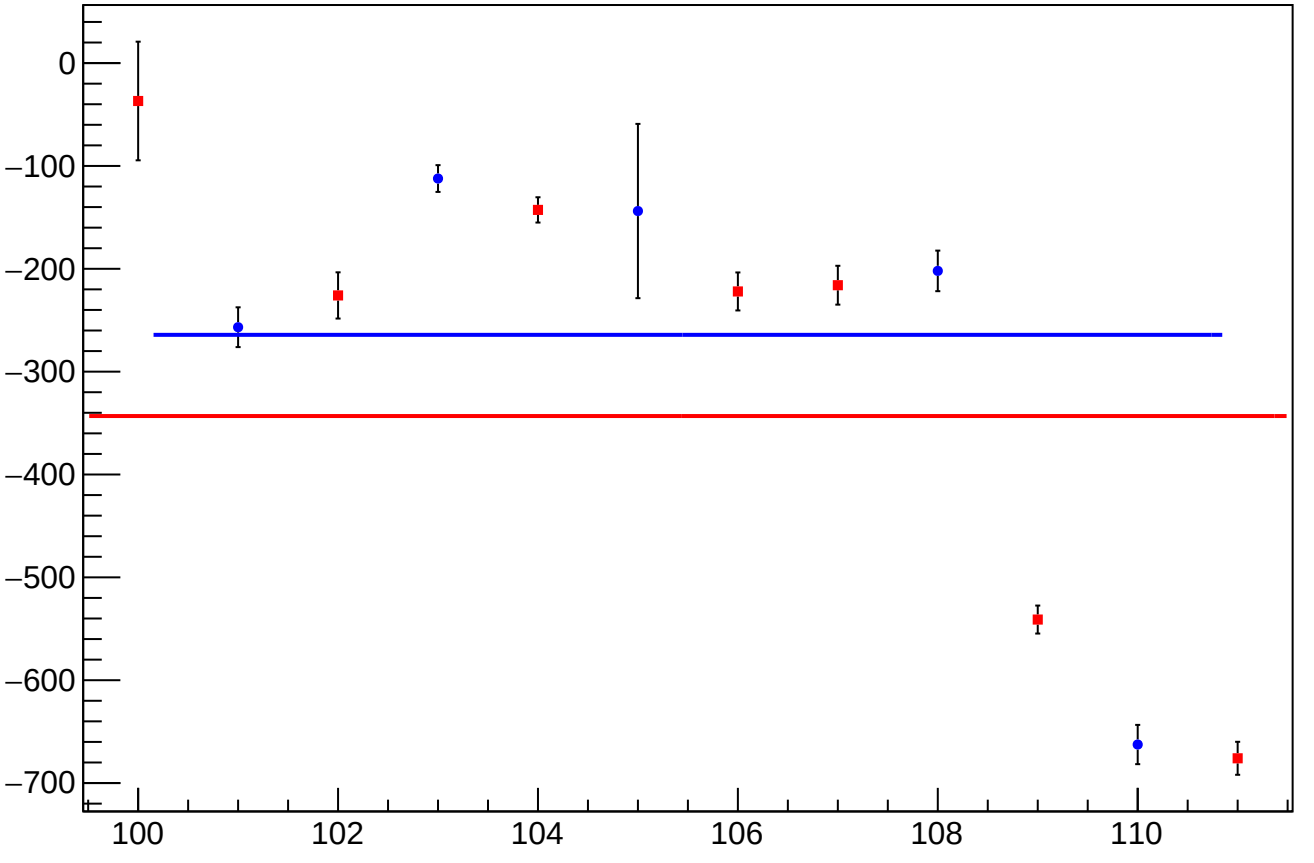
Right Out: -6.535+/-0.087 χ^2/NDF: 37736.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-9.022+/-0.103 χ^2/NDF: 17976.1/4

-6.535+/-0.087 χ^2/NDF: 37736.5/6

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -264.213+/-8.443 χ^2/NDF: 583.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

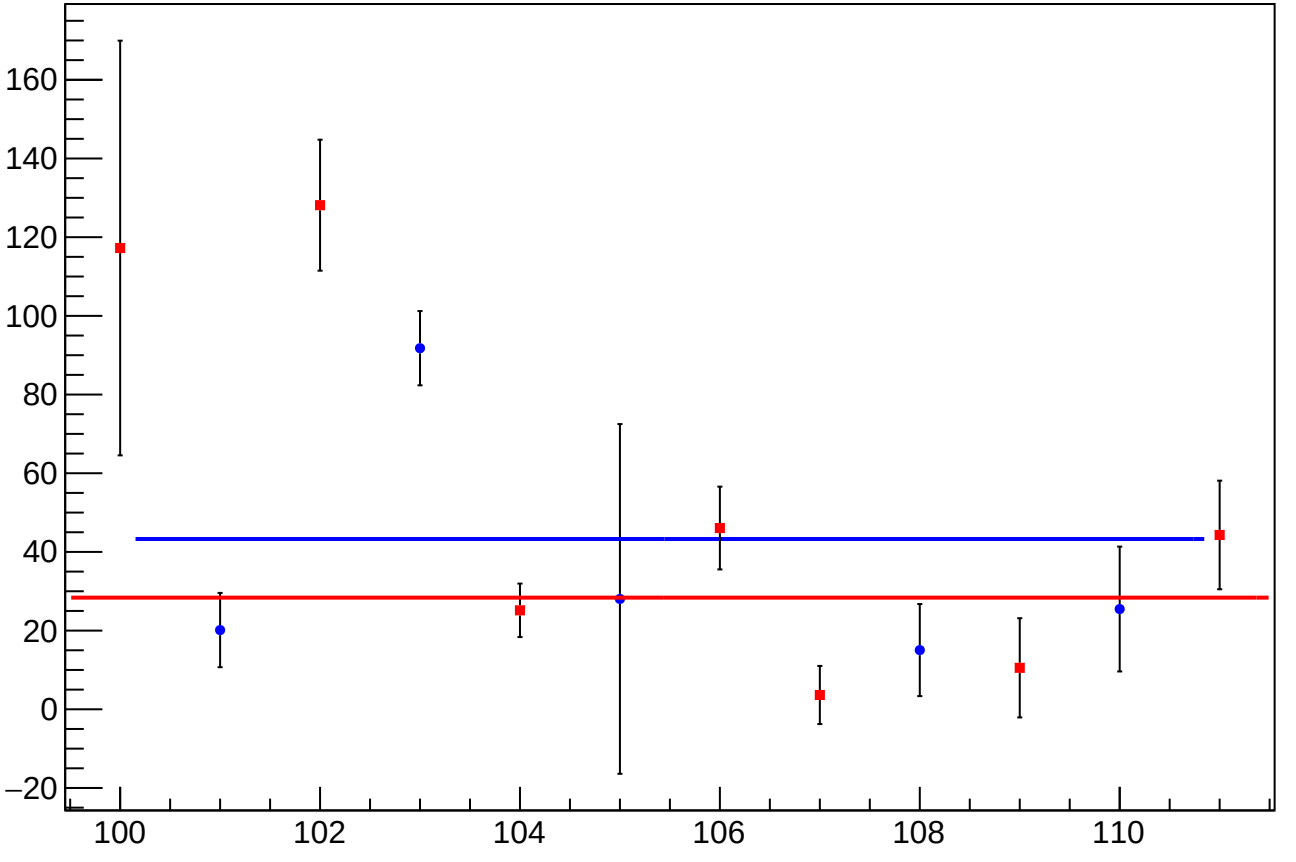
Right Out: -343.158+/-6.466 χ^2/NDF: 1051.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-264.213+/-8.443 χ^2/NDF: 583.9/4

-343.158+/-6.466 χ^2/NDF: 1051.3/6

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 43.286+/-5.406 χ^2/NDF: 39.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

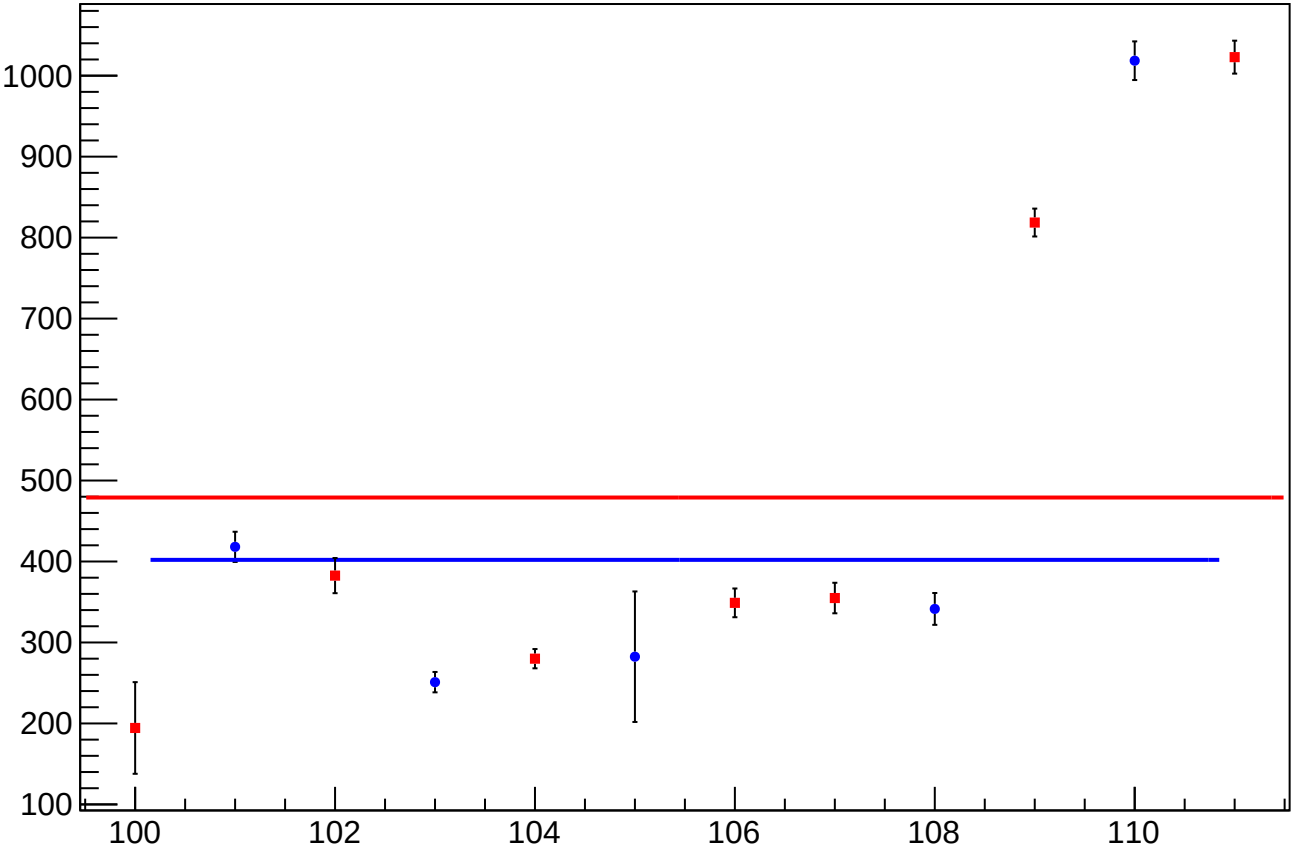
Right Out: 28.381+/-3.937 χ^2/NDF: 56.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

43.286+/-5.406 χ^2/NDF: 39.6/4

28.381+/-3.937 χ^2/NDF: 56.4/6

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: 402.023+/-8.549 χ^2/NDF: 823.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

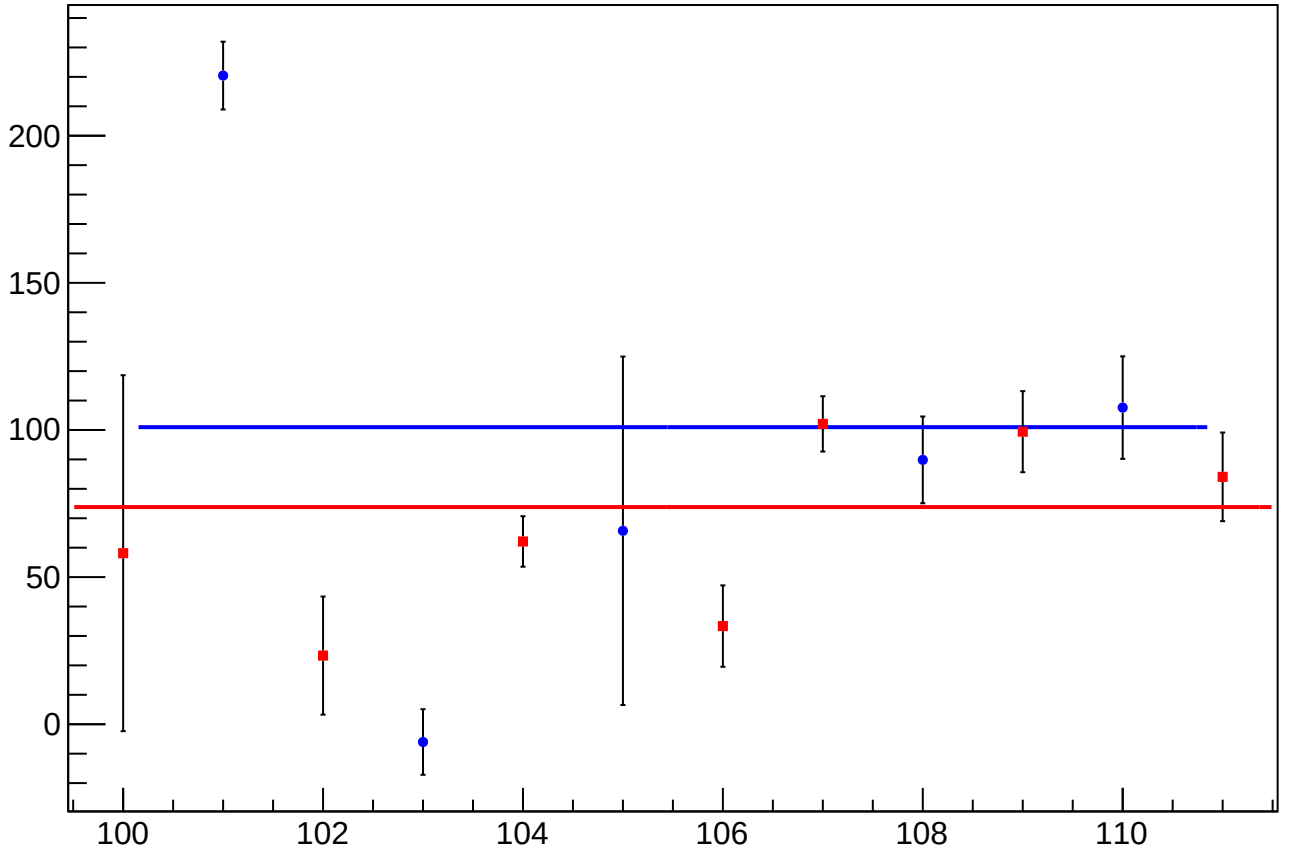
Right Out: 479.016+/-6.857 χ^2/NDF: 1525.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

402.023+/-8.549 χ^2/NDF: 823.2/4

479.016+/-6.857 χ^2/NDF: 1525.8/6

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 100.956+/-6.487 χ^2/NDF: 200.8/4

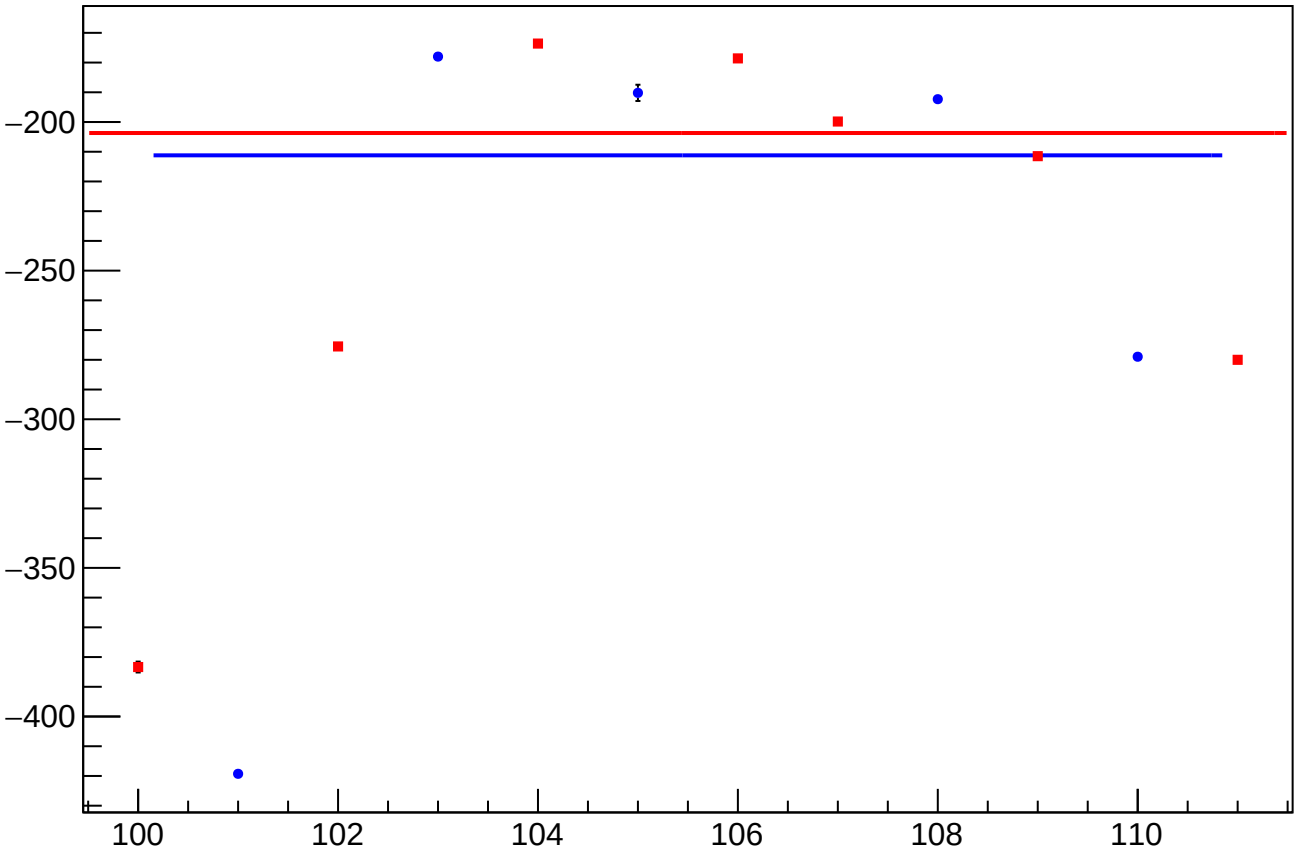
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 73.807+/-4.846 χ^2/NDF: 29.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

100.956+/-6.487 χ^2/NDF: 200.8/4

73.807+/-4.846 χ^2/NDF: 29.8/6



Right In: -211.212+/-0.220 χ^2/NDF: 115398.7/4

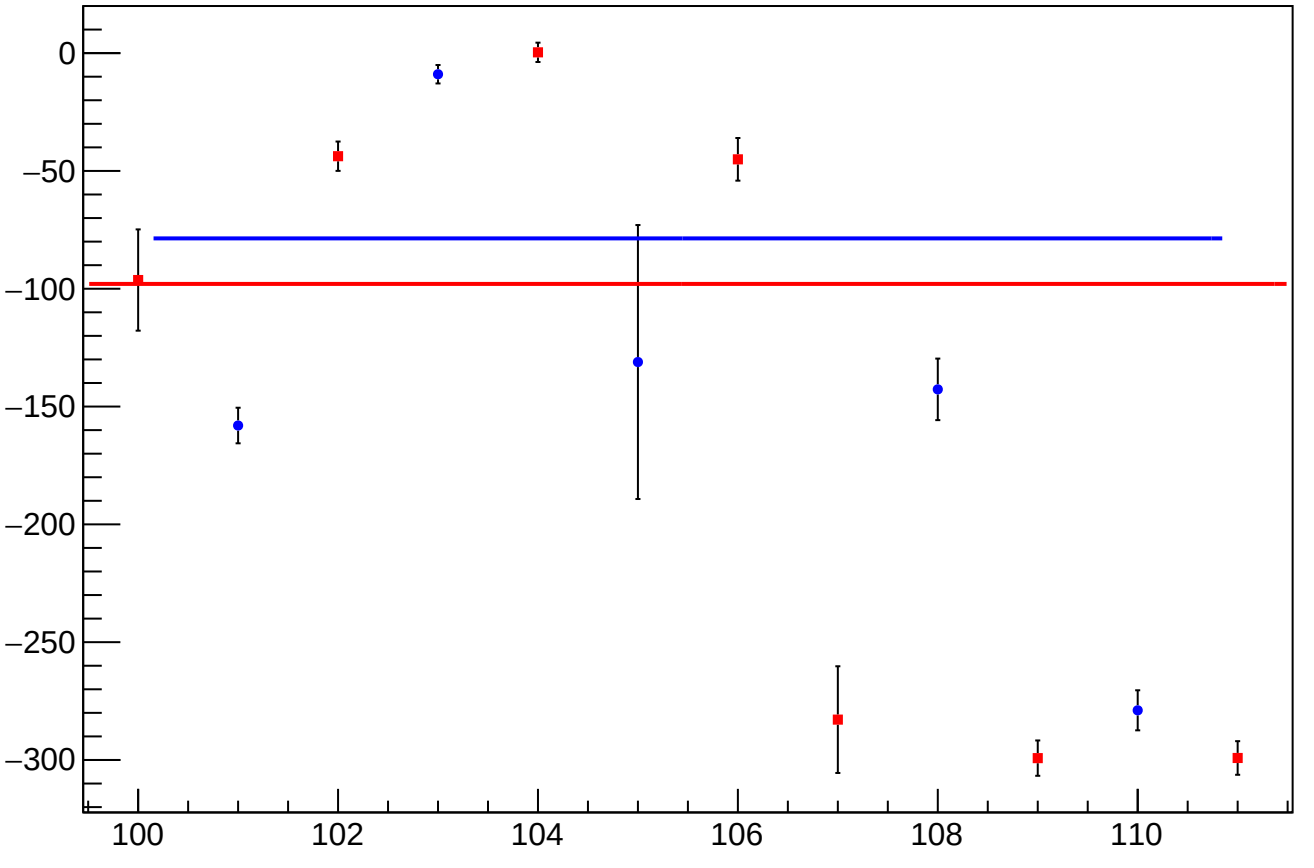
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -203.701+/-0.191 χ^2/NDF: 48906.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-211.212+/-0.220 χ^2/NDF: 115398.7/4

-203.701+/-0.191 χ^2/NDF: 48906.2/6



Right In: -78.630+/-3.117 χ^2/NDF: 1008.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

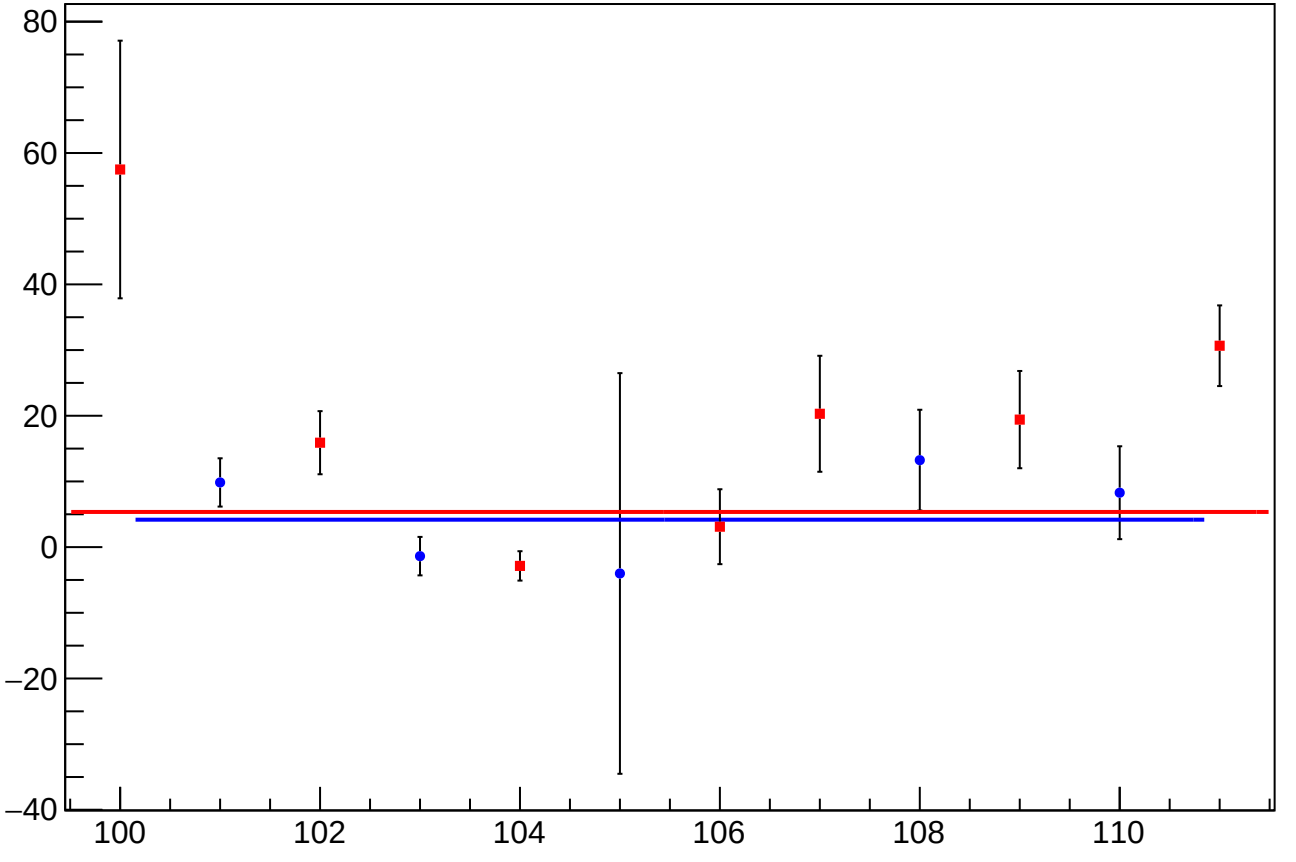
Right Out: -97.952+/-2.682 χ^2/NDF: 2266.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-78.630+/-3.117 χ^2/NDF: 1008.0/4

-97.952+/-2.682 χ^2/NDF: 2266.6/6

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 4.175+/-2.091 χ^2/NDF: 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

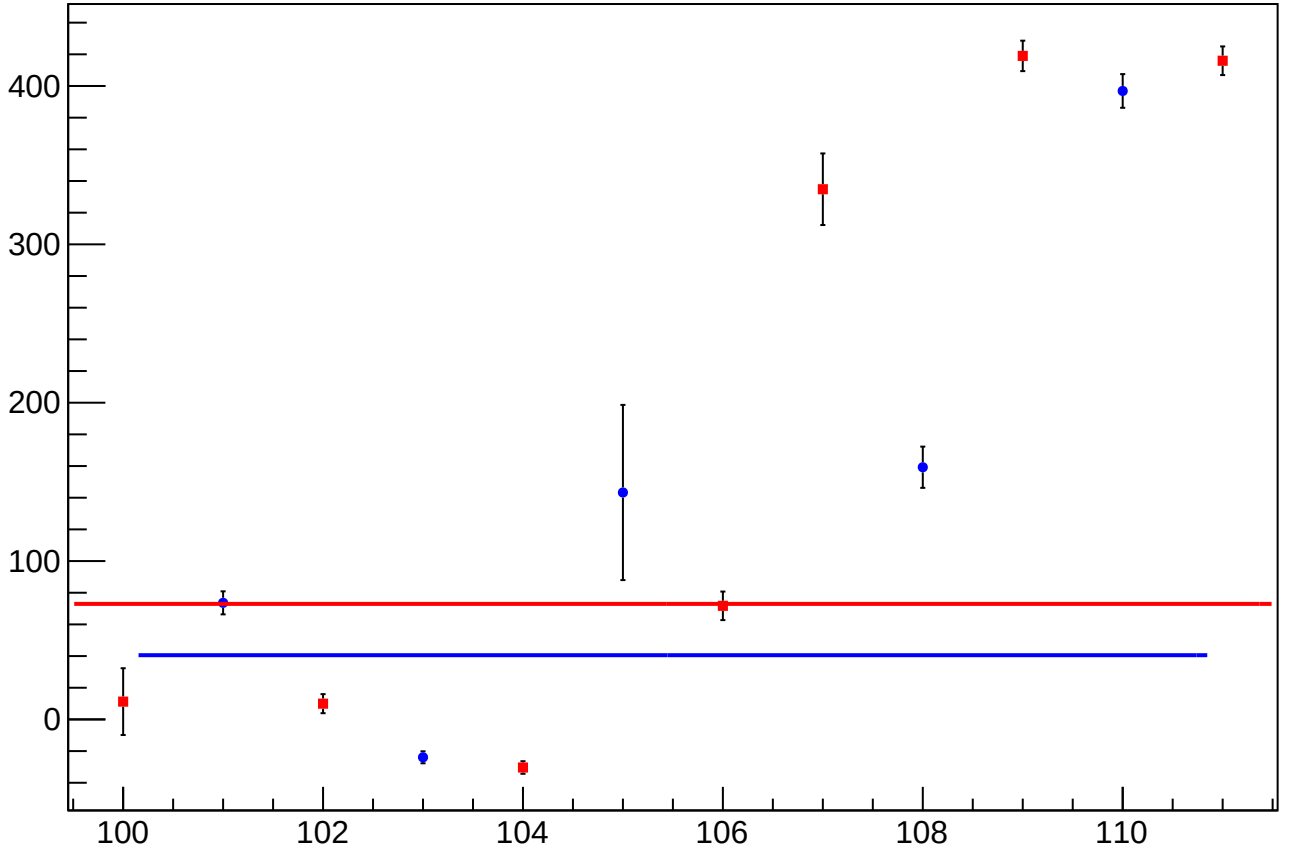
Right Out: 5.354+/-1.730 χ^2/NDF: 49.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

4.175+/-2.091 χ^2/NDF: 7.8/4

5.354+/-1.730 χ^2/NDF: 49.0/6

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: 40.555+/-3.103 χ^2/NDF: 1519.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

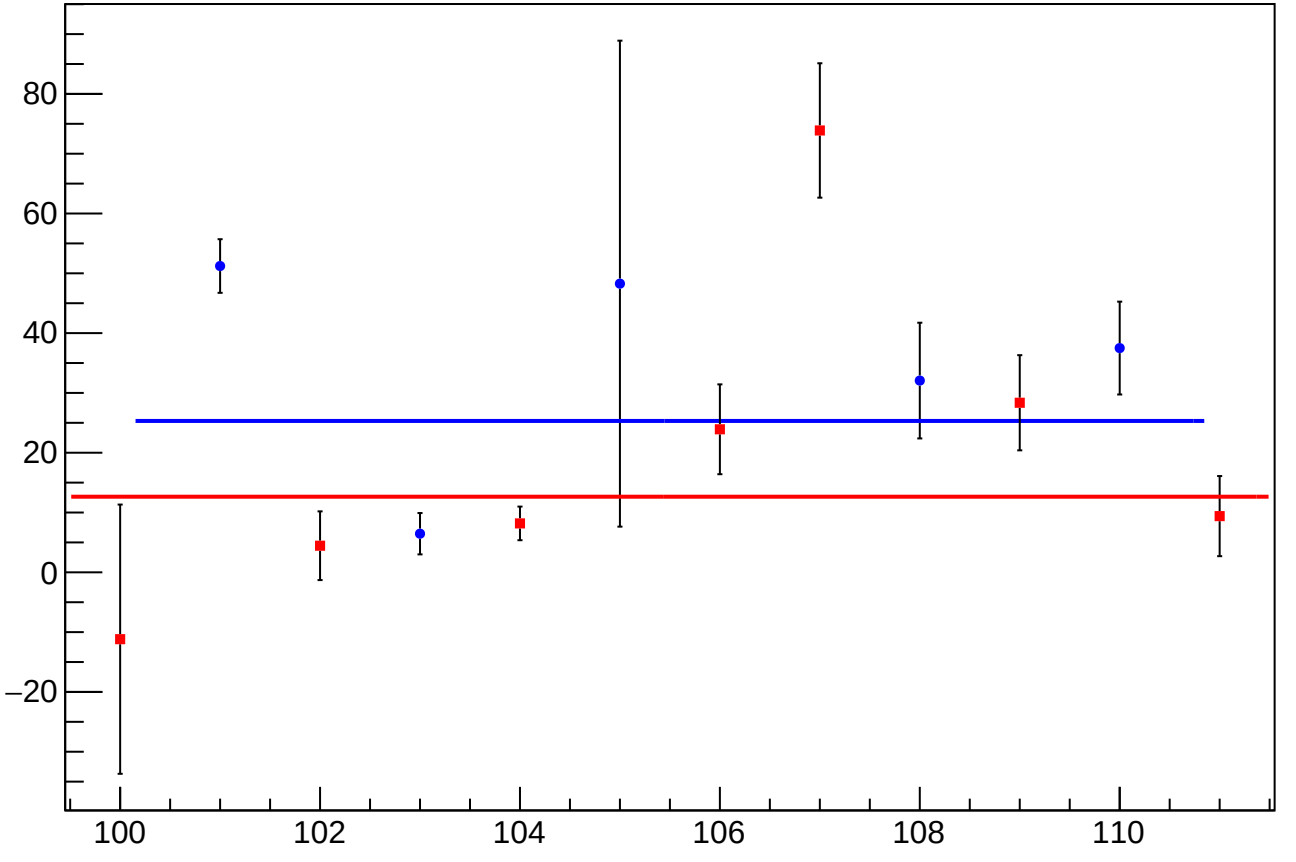
Right Out: 72.955+/-2.767 χ^2/NDF: 3661.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

40.555+/-3.103 χ^2/NDF: 1519.9/4

72.955+/-2.767 χ^2/NDF: 3661.8/6

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 25.314+/-2.490 χ^2/NDF: 66.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

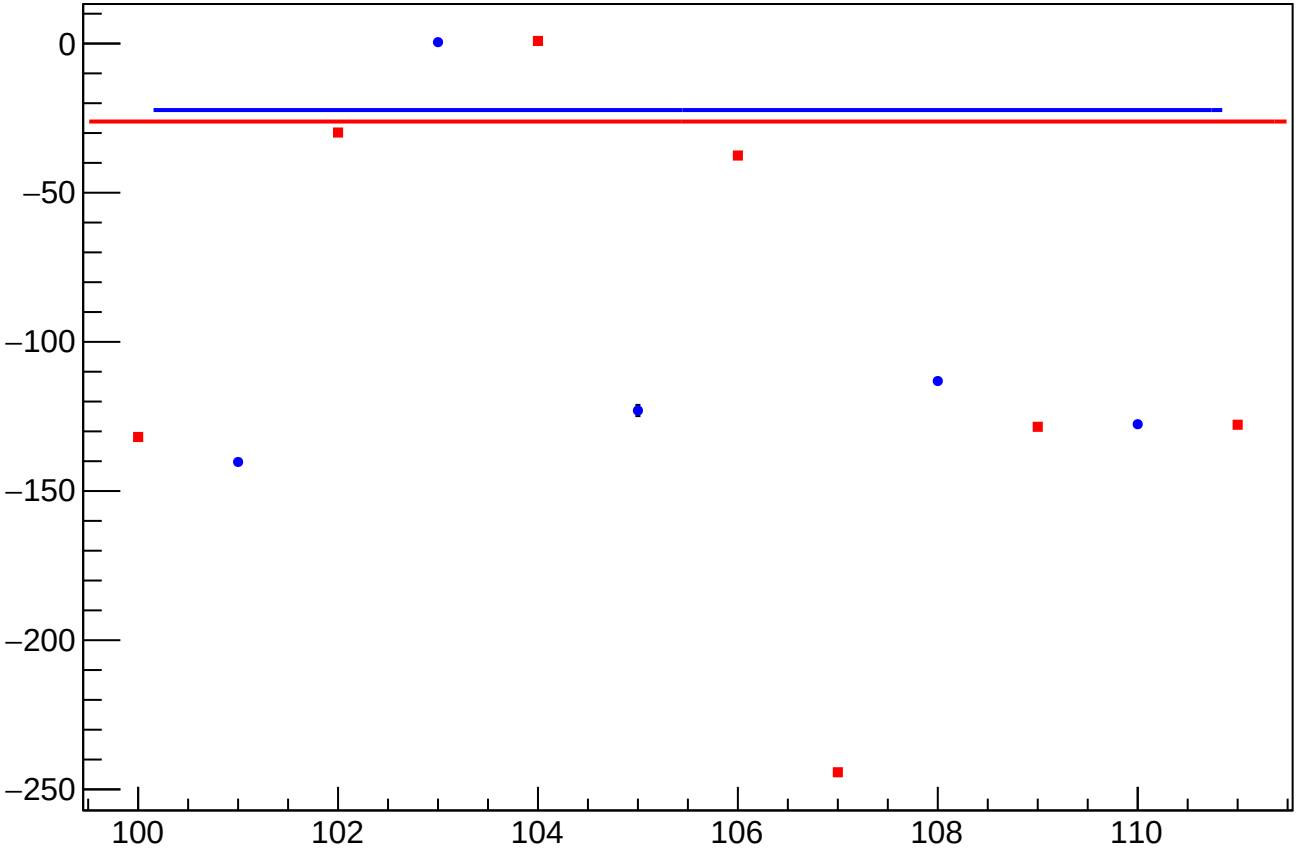
Right Out: 12.645+/-2.120 χ^2/NDF: 41.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

25.314+/-2.490 χ^2/NDF: 66.4/4

12.645+/-2.120 χ^2/NDF: 41.8/6

reg_asym_atl_avg_diff_bpm12X_slope vs slug



Right In: -22.299+/-0.077 χ^2/NDF: 411744.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

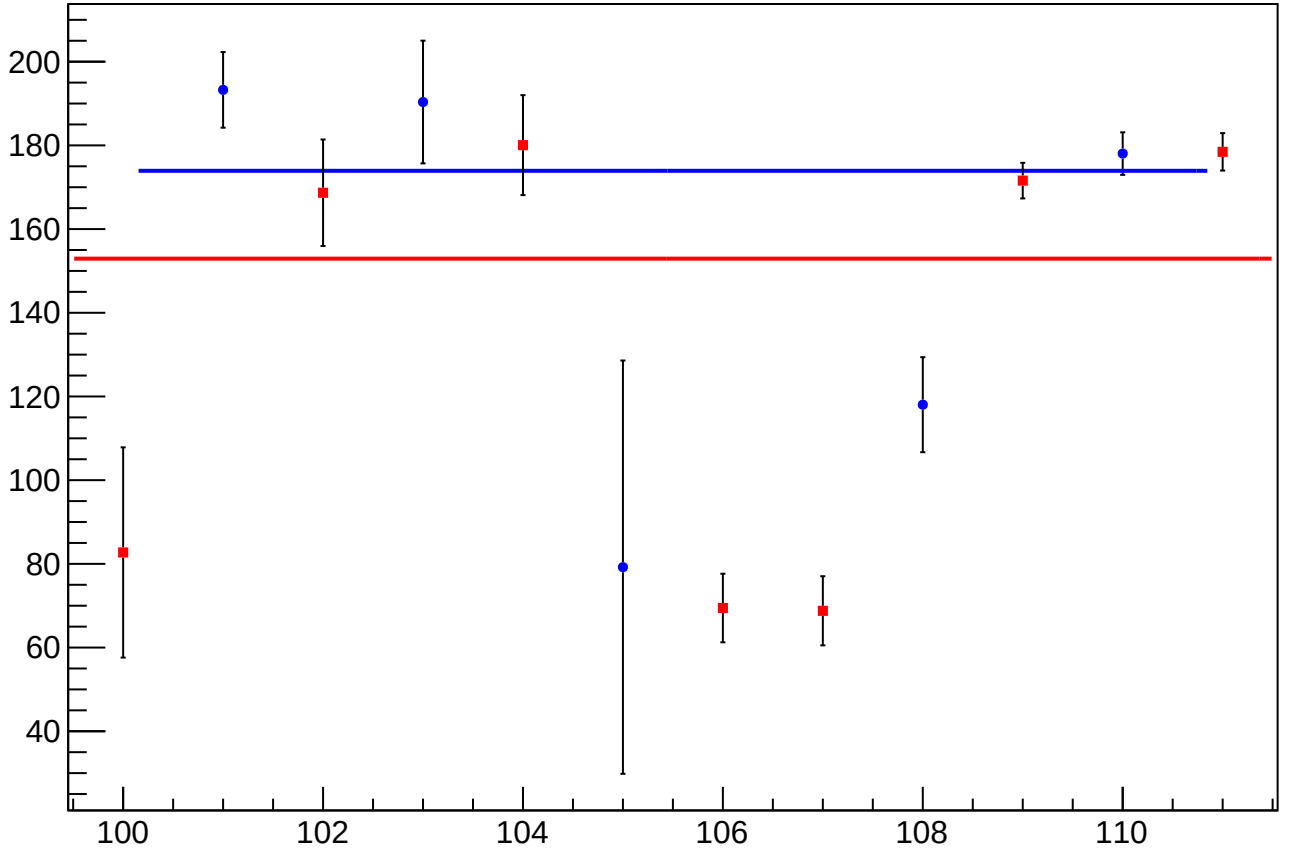
Right Out: -26.138+/-0.072 χ^2/NDF: 398876.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-22.299+/-0.077 χ^2/NDF: 411744.4/4

-26.138+/-0.072 χ^2/NDF: 398876.4/6

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 173.925+/-3.960 χ^2/NDF: 34.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

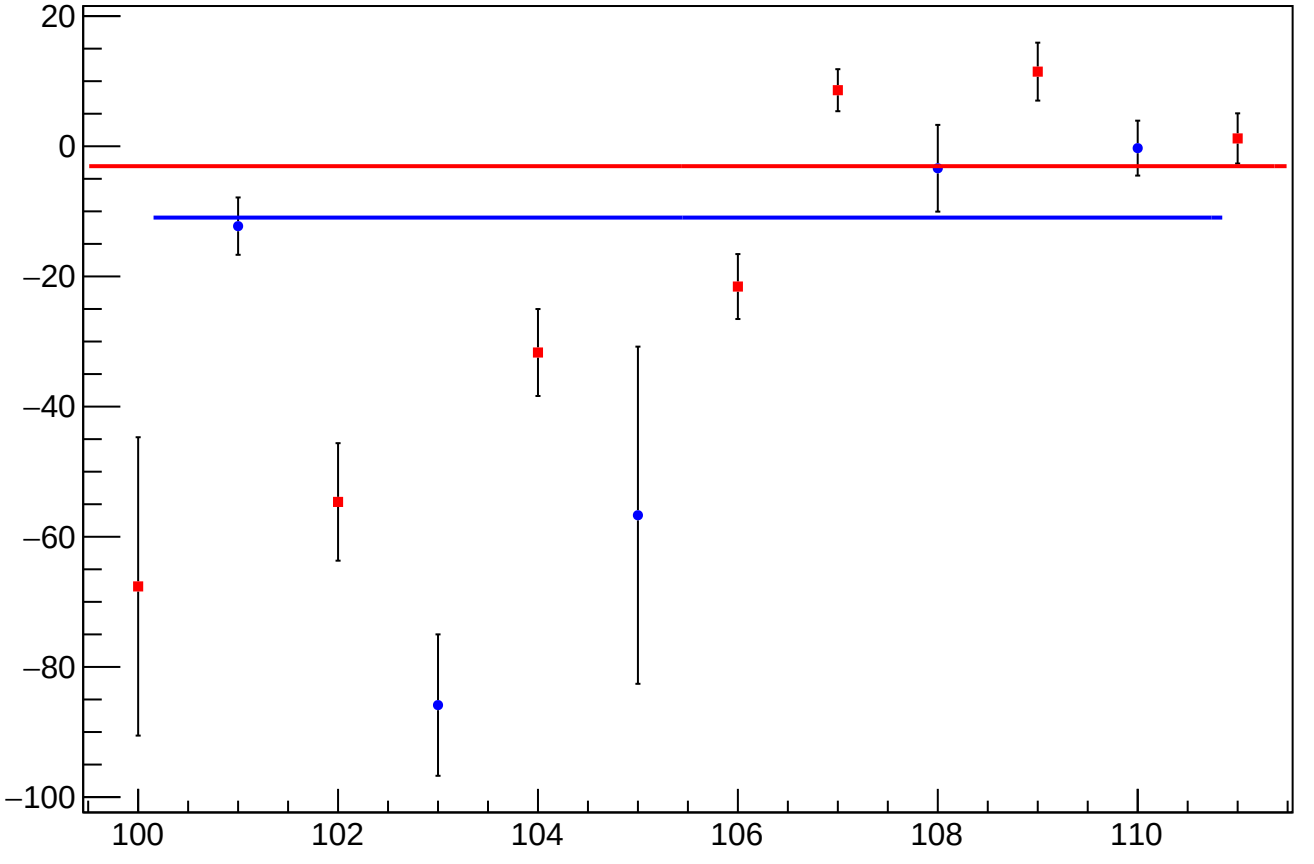
Right Out: 152.935+/-2.587 χ^2/NDF: 273.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

173.925+/-3.960 χ^2/NDF: 34.4/4

152.935+/-2.587 χ^2/NDF: 273.9/6

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -10.957+/-2.671 χ^2/NDF: 58.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

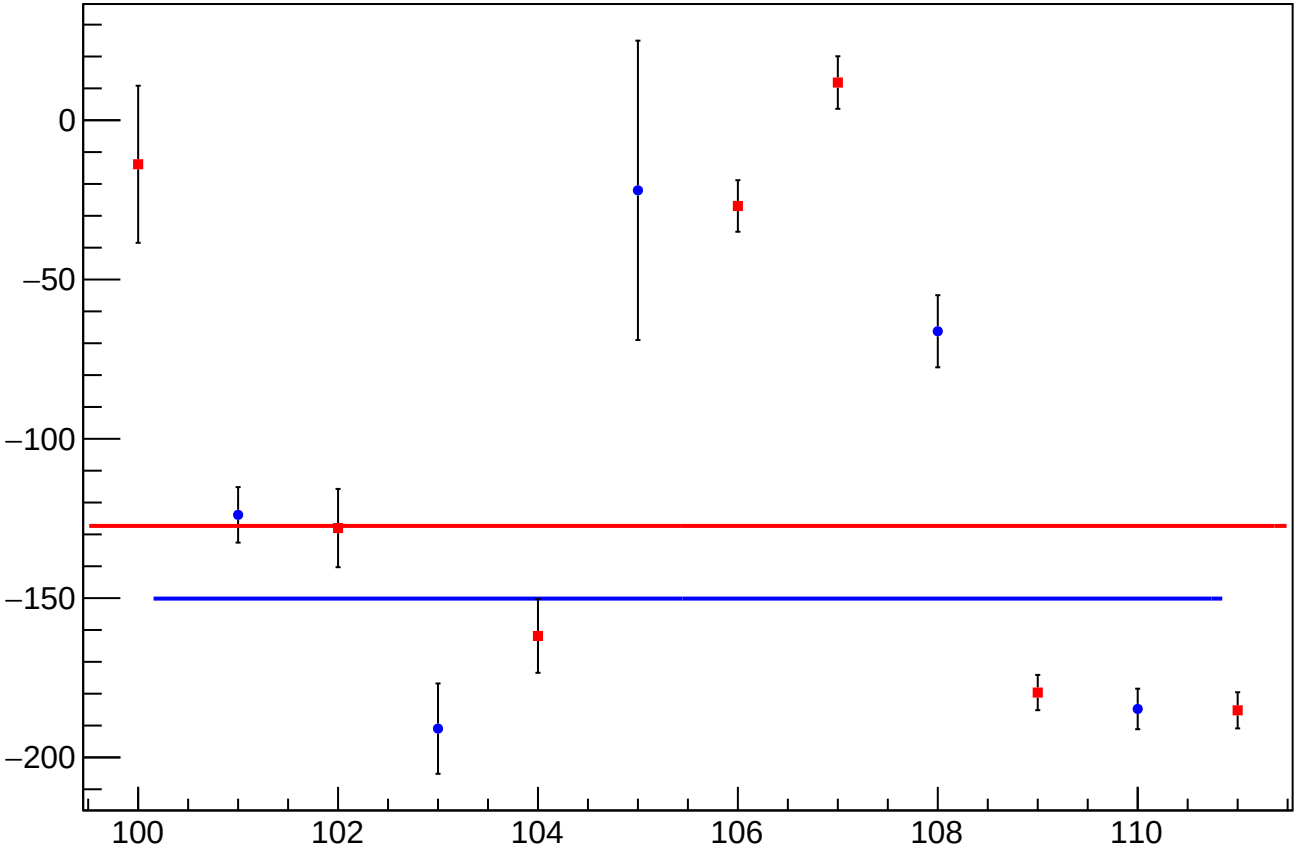
Right Out: -3.058+/-1.856 χ^2/NDF: 97.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-10.957+/-2.671 χ^2/NDF: 58.4/4

-3.058+/-1.856 χ^2/NDF: 97.6/6

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: -150.149+/-4.422 χ^2/NDF: 109.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

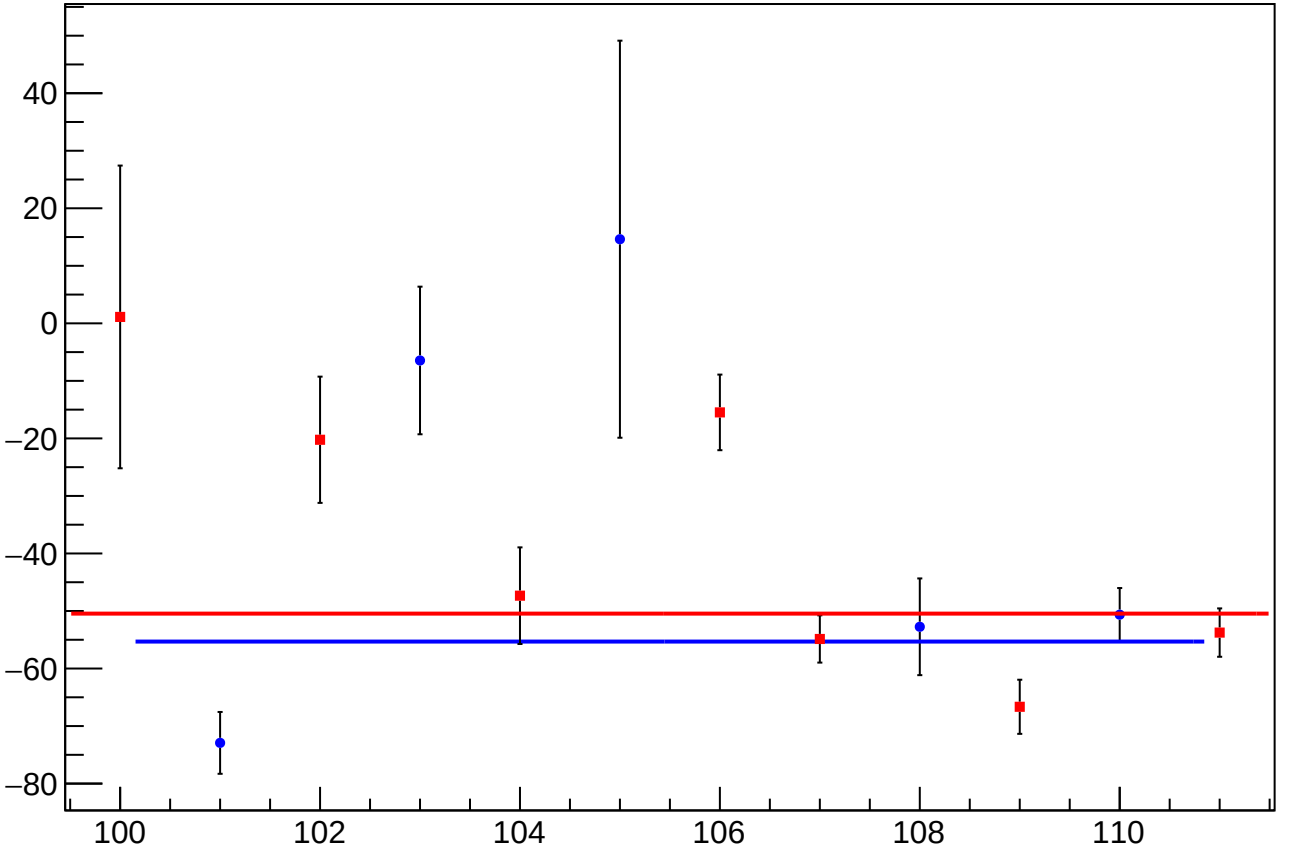
Right Out: -127.336+/-3.023 χ^2/NDF: 662.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-150.149+/-4.422 χ^2/NDF: 109.4/4

-127.336+/-3.023 χ^2/NDF: 662.5/6

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -55.314+/-3.126 χ^2/NDF: 30.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

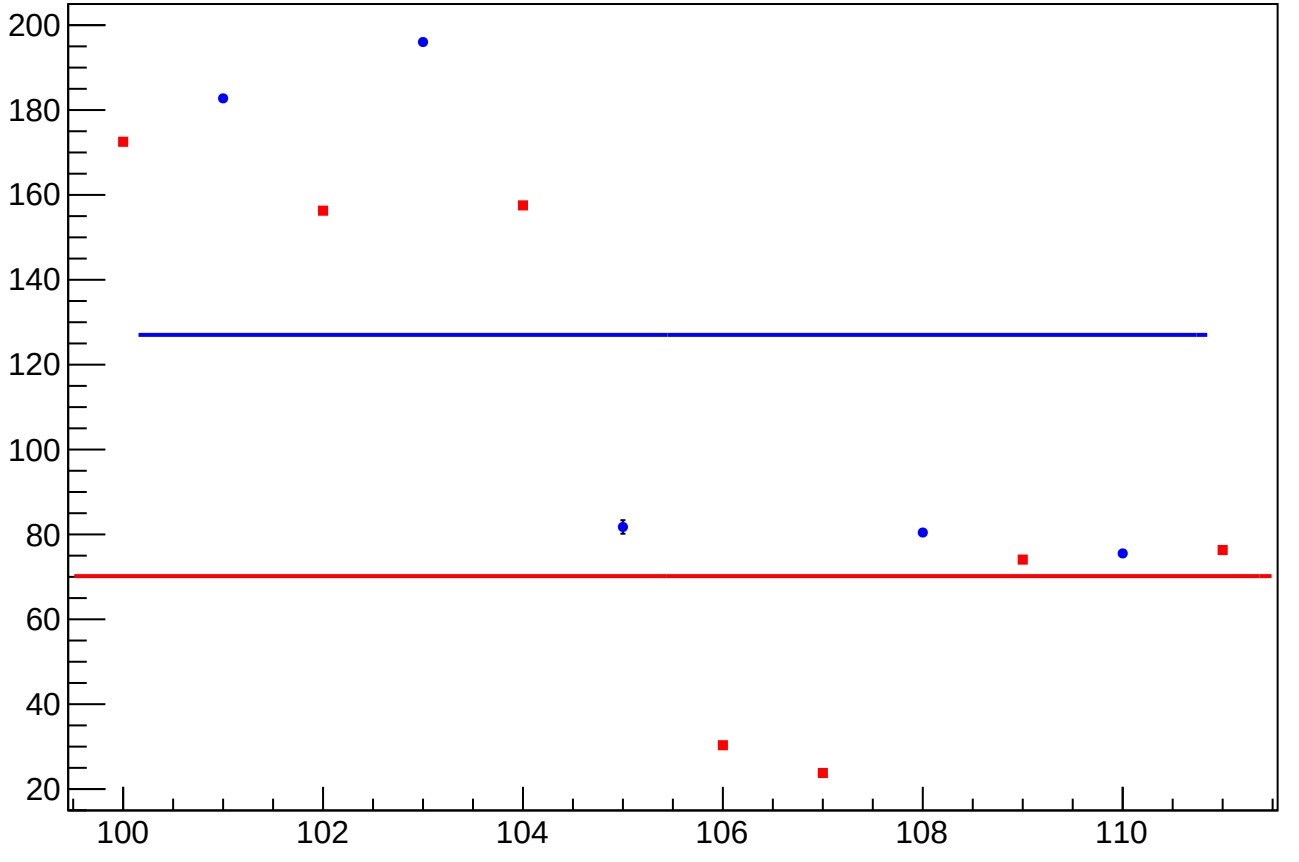
Right Out: -50.455+/-2.192 χ^2/NDF: 53.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-55.314+/-3.126 χ^2/NDF: 30.5/4

-50.455+/-2.192 χ^2/NDF: 53.5/6

reg_asym_atl_dd_diff_bpm12X_slope vs slug



Right In: 127.021+/-0.148 χ^2/NDF: 139247.4/4

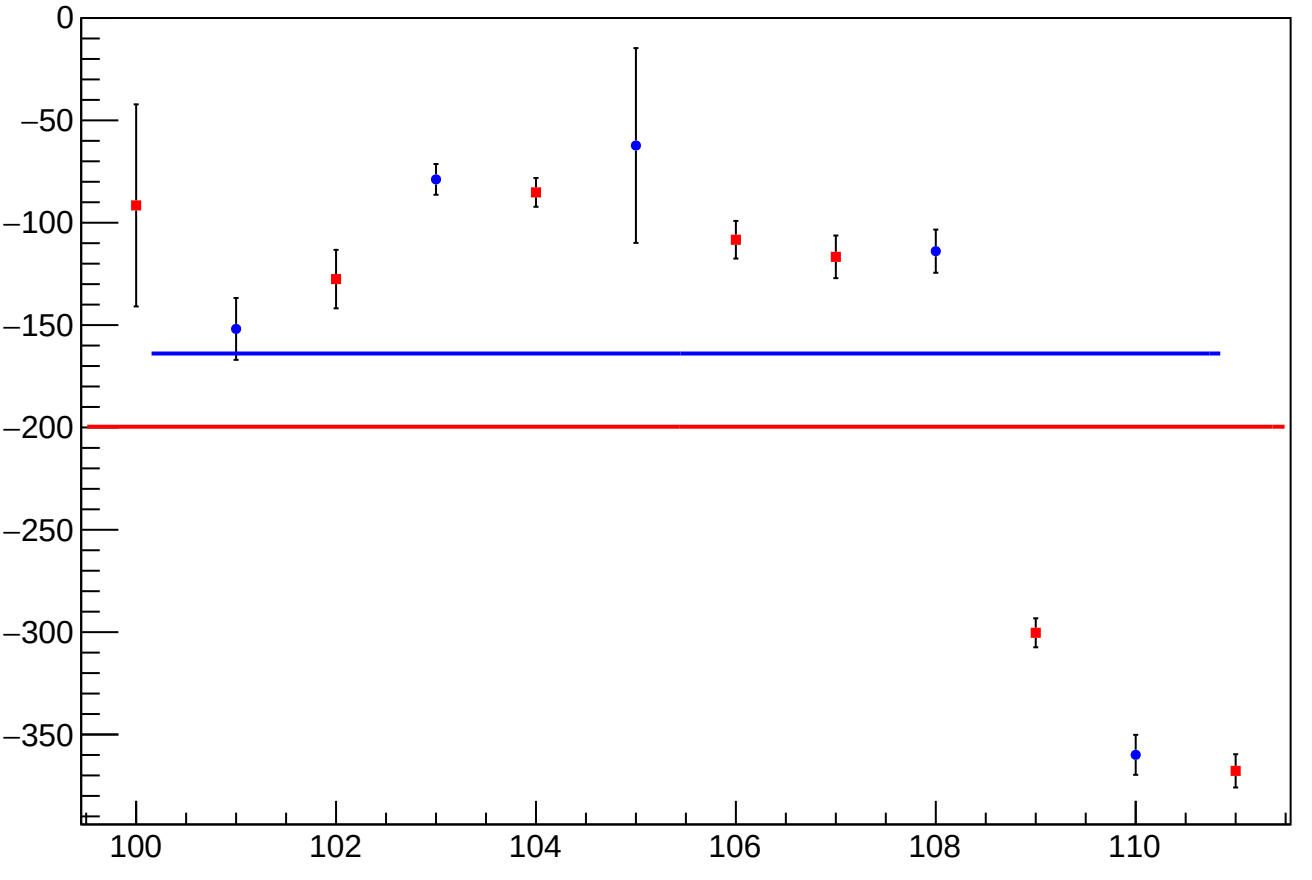
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 70.179+/-0.096 χ^2/NDF: 293880.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

127.021+/-0.148 χ^2/NDF: 139247.4/4

70.179+/-0.096 χ^2/NDF: 293880.5/6



Right In: -163.885+/-4.878 χ^2/NDF: 558.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

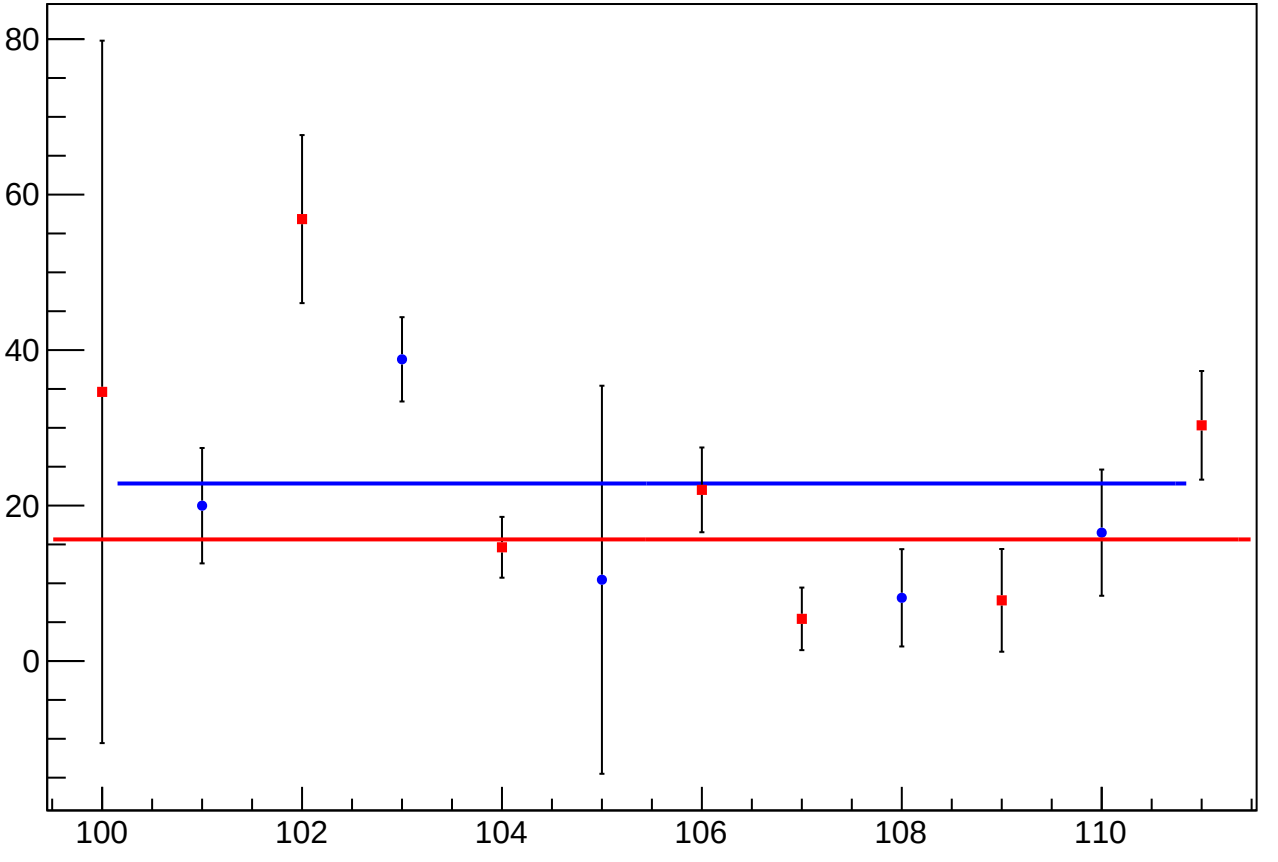
Right Out: -199.650+/-3.500 χ^2/NDF: 1087.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-163.885+/-4.878 χ^2/NDF: 558.8/4

-199.650+/-3.500 χ^2/NDF: 1087.5/6

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 22.839+/-3.254 χ^2/NDF: 15.2/4

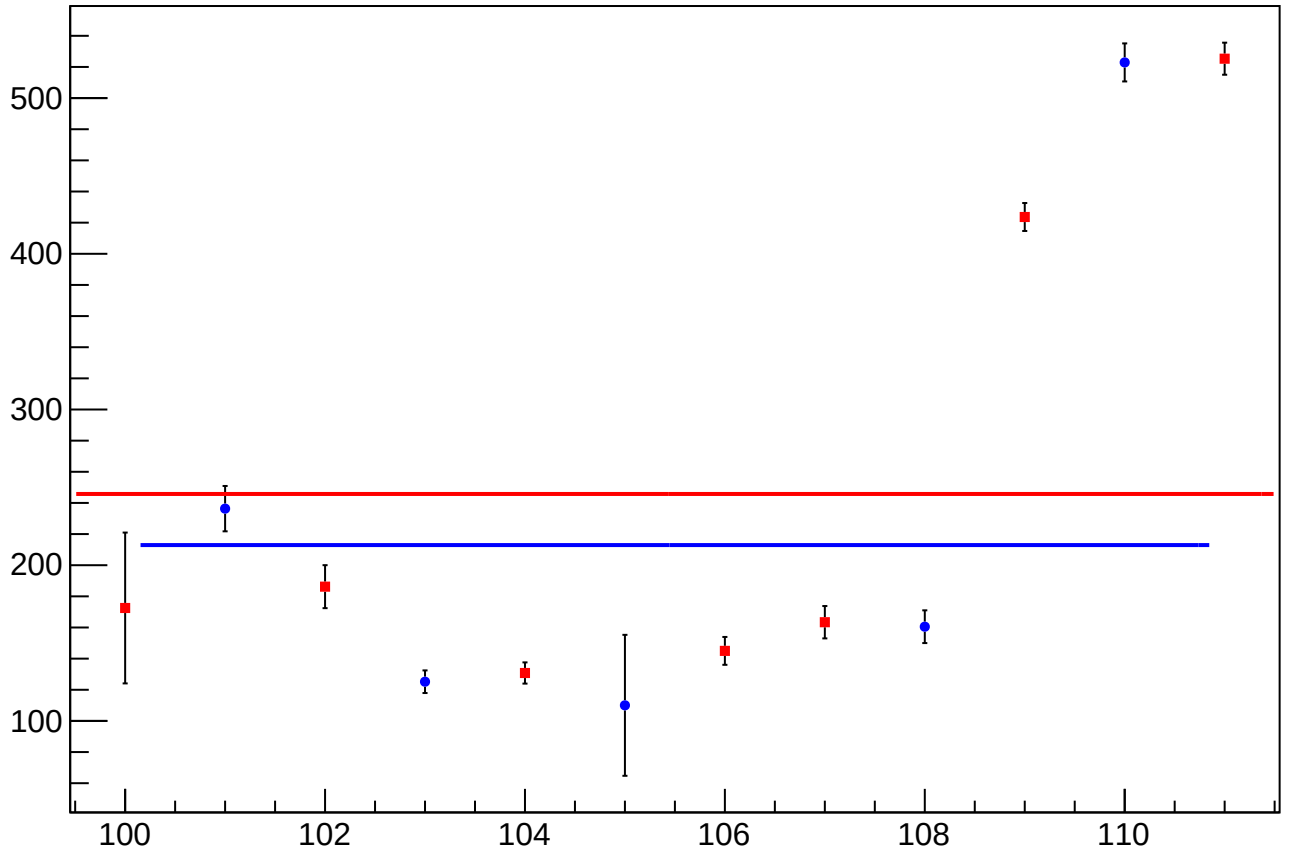
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.646+/-2.166 χ^2/NDF: 28.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

22.839+/-3.254 χ^2/NDF: 15.2/4

15.646+/-2.166 χ^2/NDF: 28.4/6



Right In: 212.934+/-5.006 χ^2/NDF: 822.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

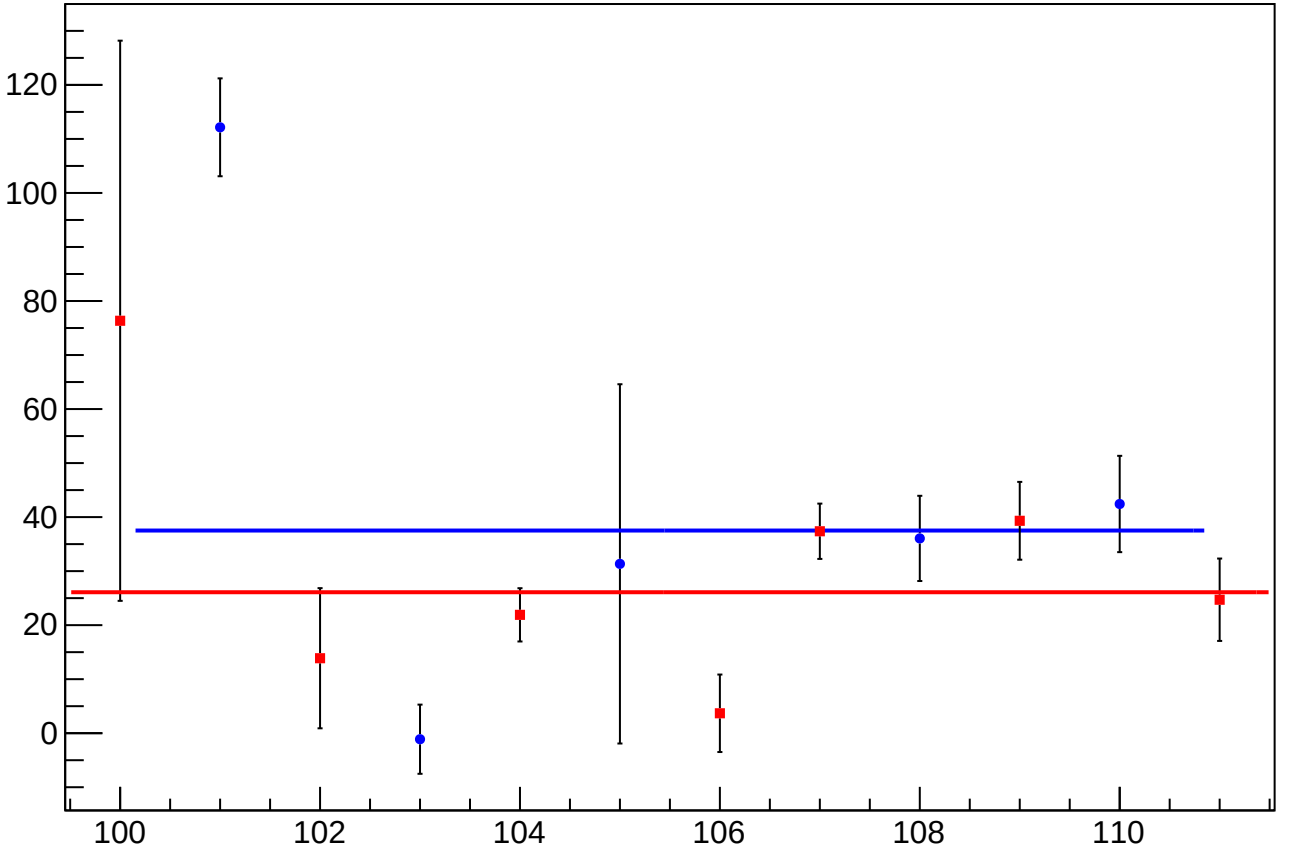
Right Out: 245.756+/-3.758 χ^2/NDF: 1625.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

212.934+/-5.006 χ^2/NDF: 822.5/4

245.756+/-3.758 χ^2/NDF: 1625.1/6

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 37.514+/-3.888 χ^2/NDF: 104.6/4

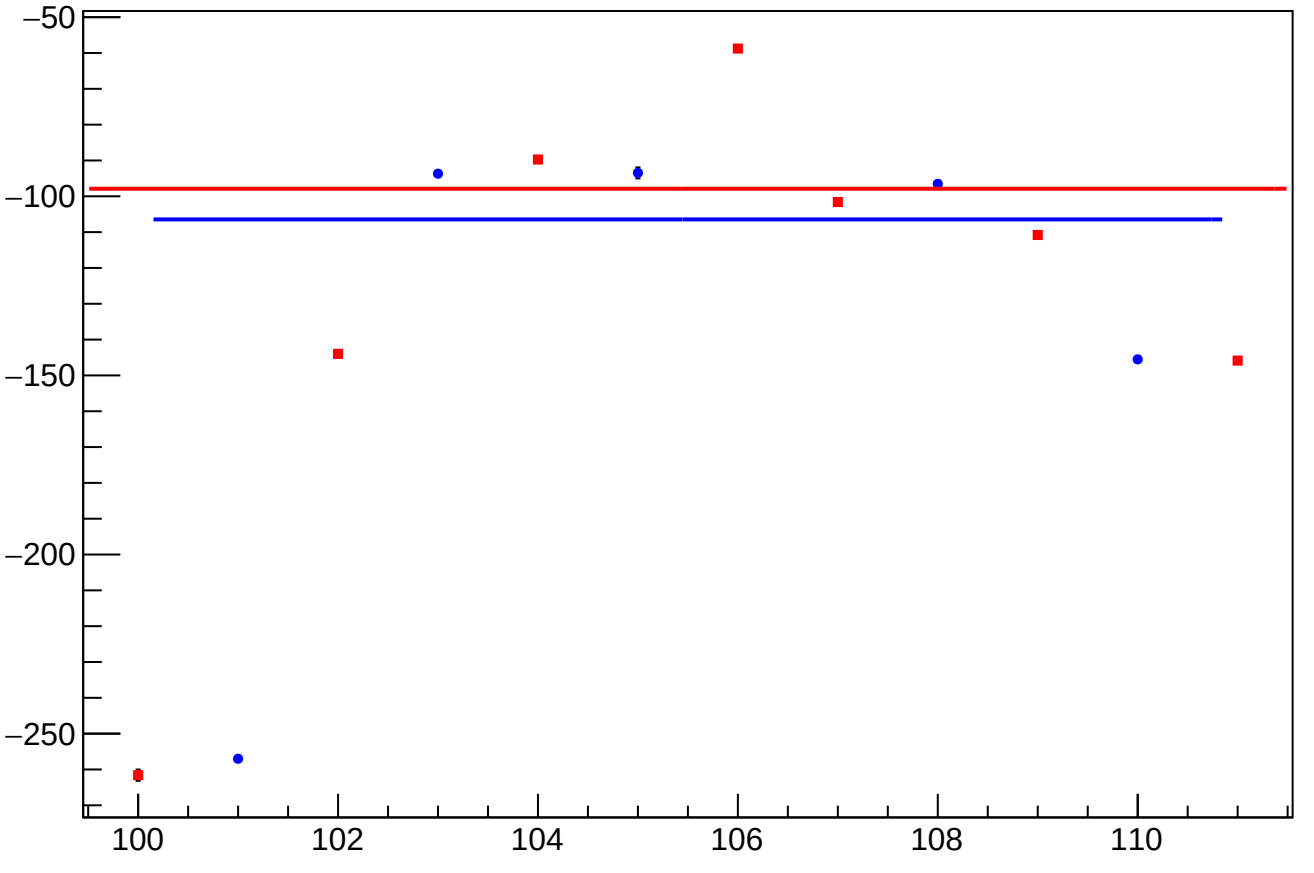
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 26.092+/-2.658 χ^2/NDF: 20.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

37.514+/-3.888 χ^2/NDF: 104.6/4

26.092+/-2.658 χ^2/NDF: 20.6/6



Right In: -106.449+/-0.127 χ^2/NDF: 94926.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

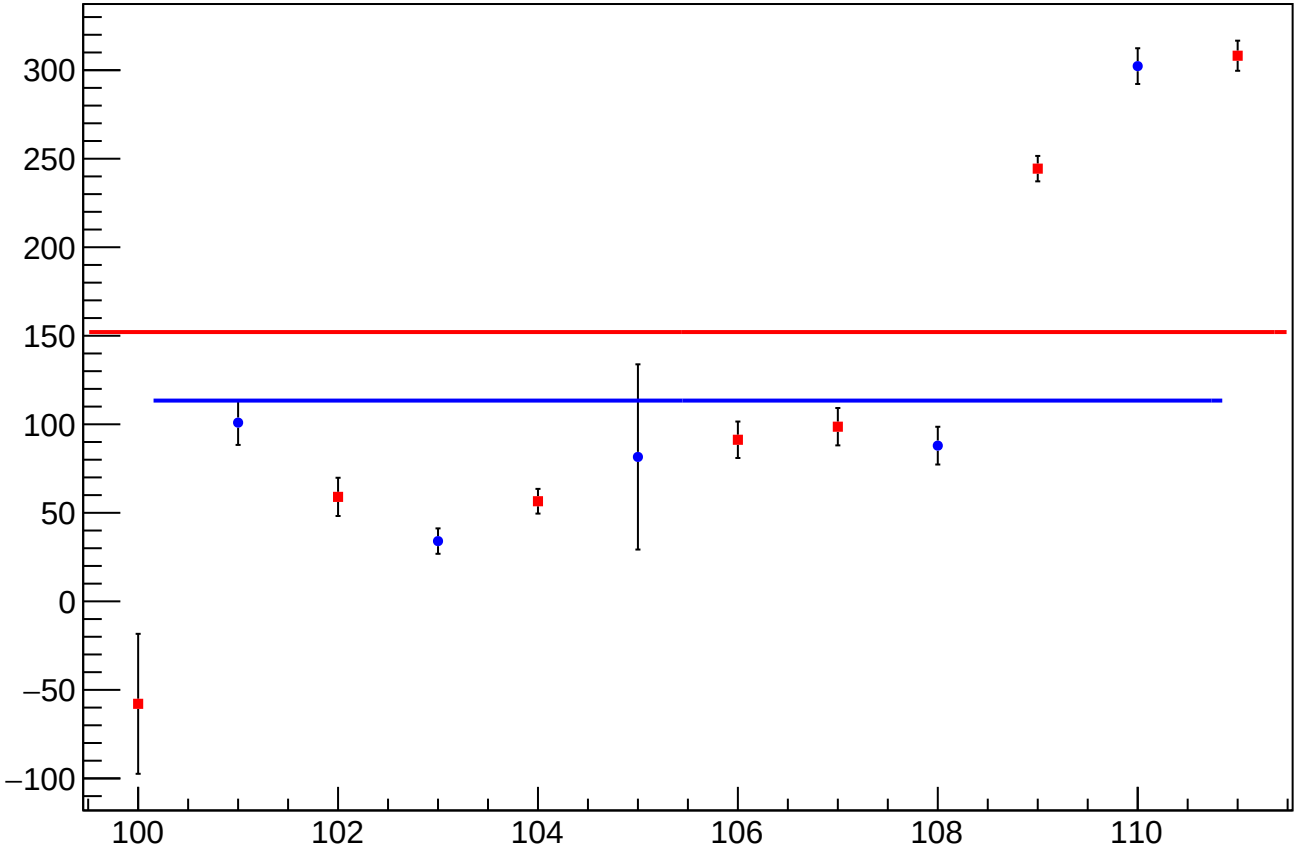
Right Out: -97.882+/-0.105 χ^2/NDF: 70427.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-106.449+/-0.127 χ^2/NDF: 94926.7/4

-97.882+/-0.105 χ^2/NDF: 70427.9/6

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 113.391+/-4.729 χ^2/NDF: 479.7/4

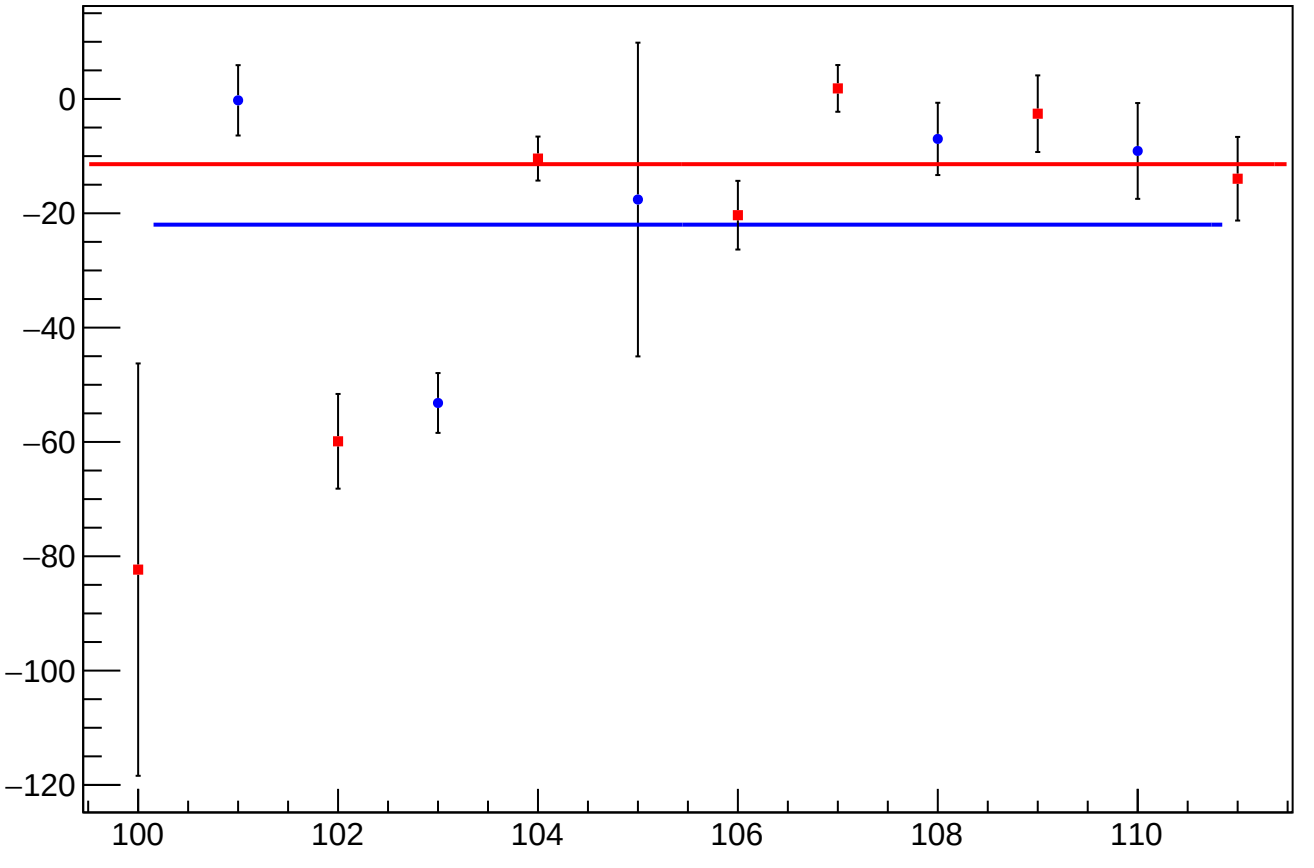
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 152.095+/-3.505 χ^2/NDF: 852.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

113.391+/-4.729 χ^2/NDF: 479.7/4

152.095+/-3.505 χ^2/NDF: 852.7/6



Right In: -21.988+/-3.108 χ^2/NDF: 56.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

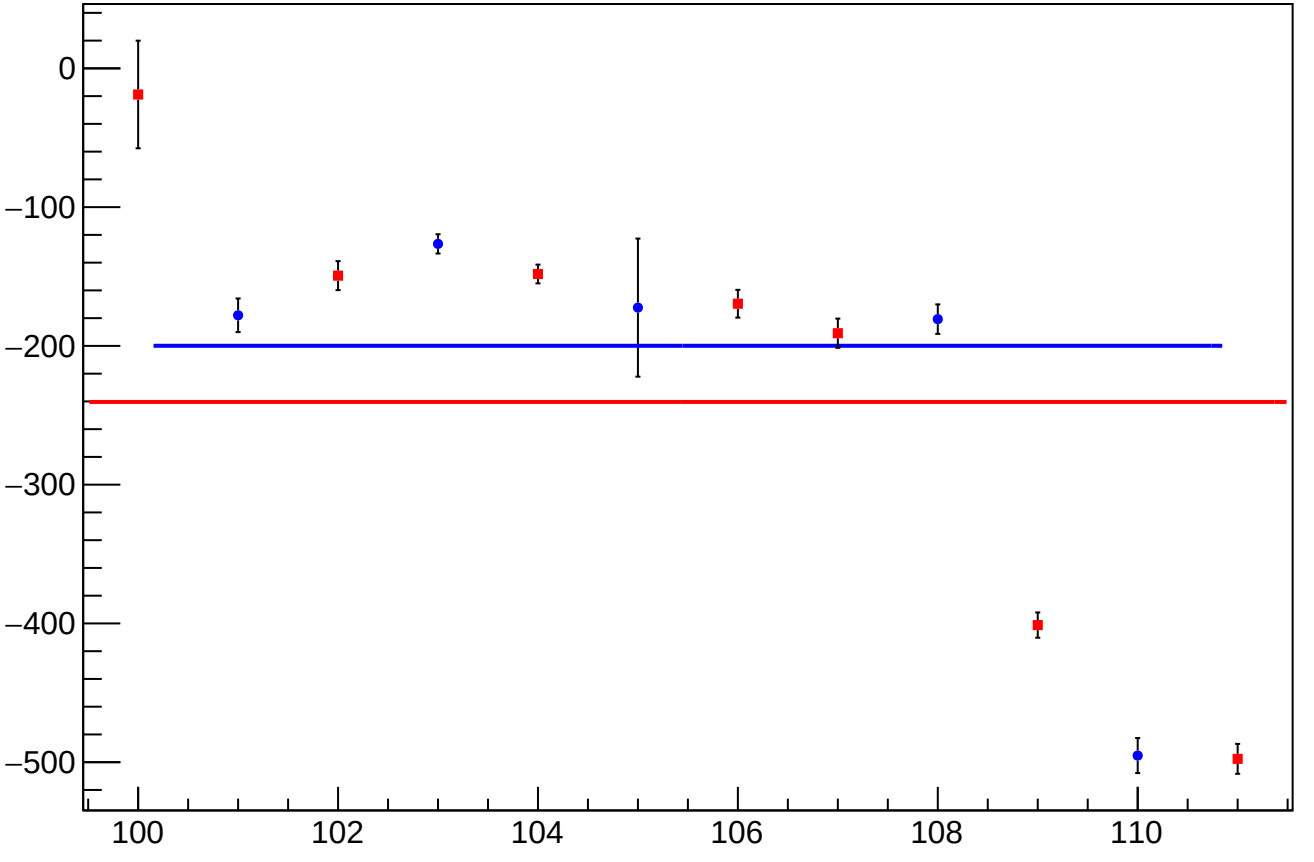
Right Out: -11.407+/-2.175 χ^2/NDF: 52.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-21.988+/-3.108 χ^2/NDF: 56.0/4

-11.407+/-2.175 χ^2/NDF: 52.8/6

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -199.909+/-4.817 χ^2/NDF: 666.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

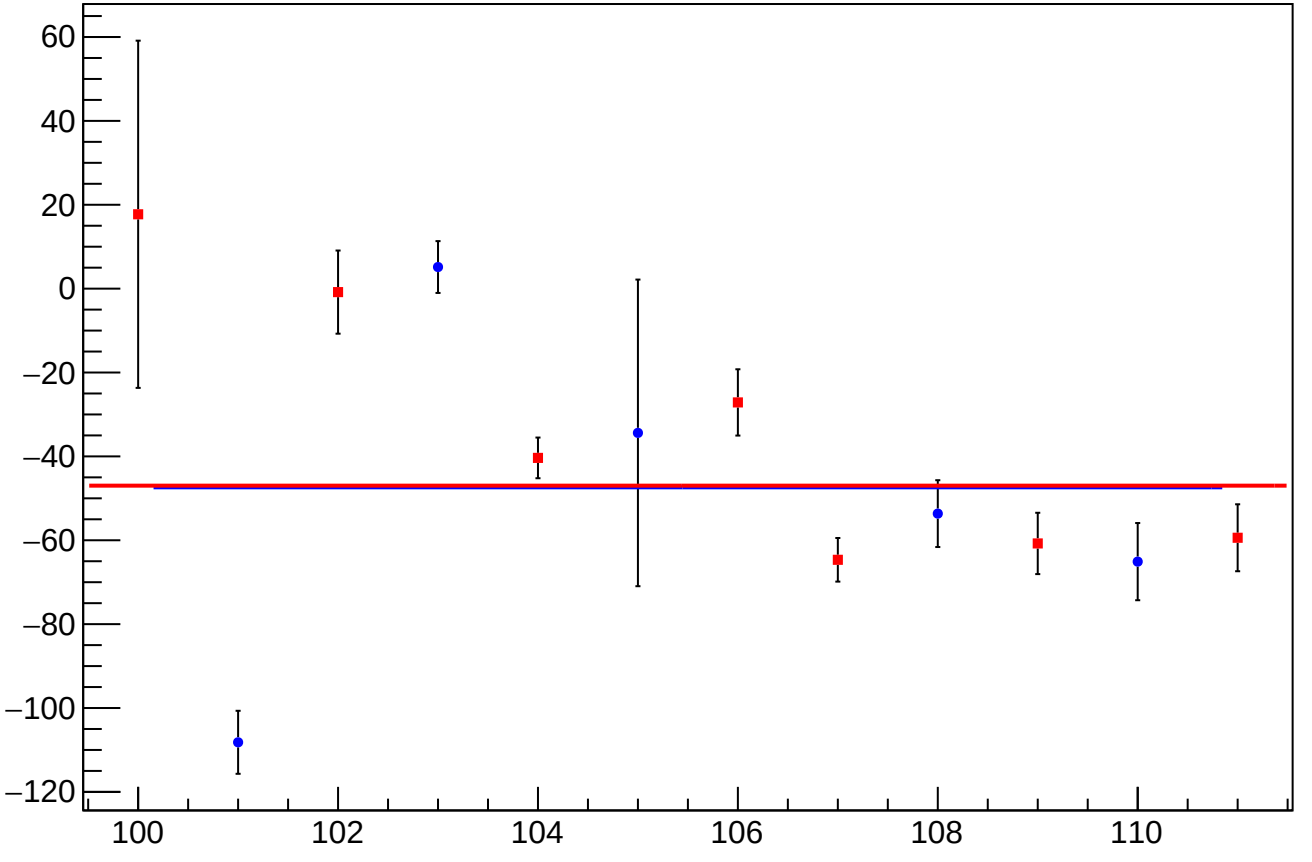
Right Out: -240.379+/-3.741 χ^2/NDF: 1248.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-199.909+/-4.817 χ^2/NDF: 666.5/4

-240.379+/-3.741 χ^2/NDF: 1248.6/6

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -47.374+/-3.721 χ^2/NDF: 142.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

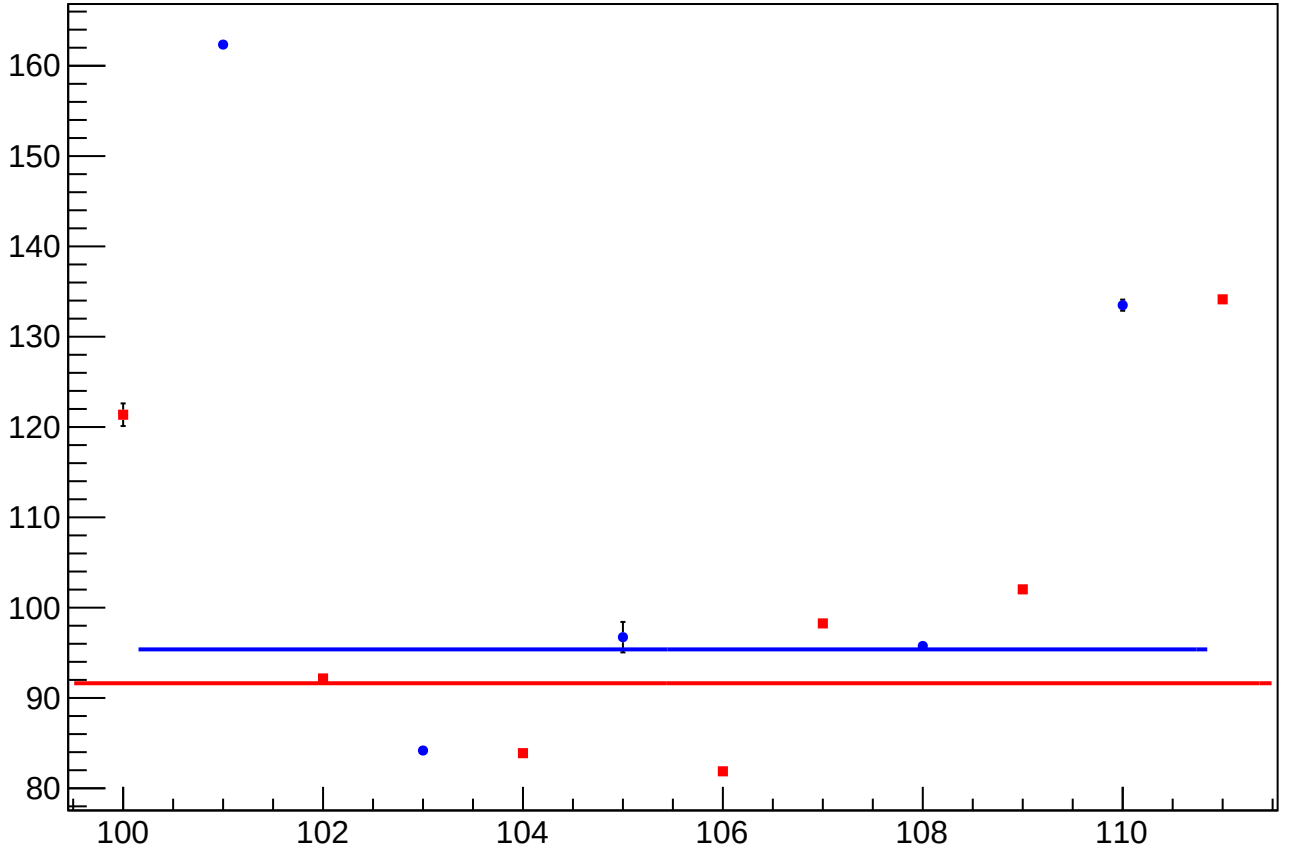
Right Out: -46.978+/-2.666 χ^2/NDF: 49.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-47.374+/-3.721 χ^2/NDF: 142.2/4

-46.978+/-2.666 χ^2/NDF: 49.8/6

reg_asym_atr_dd_diff_bpm12X_slope vs slug



Right In: 95.378+/-0.123 χ^2/NDF: 32771.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

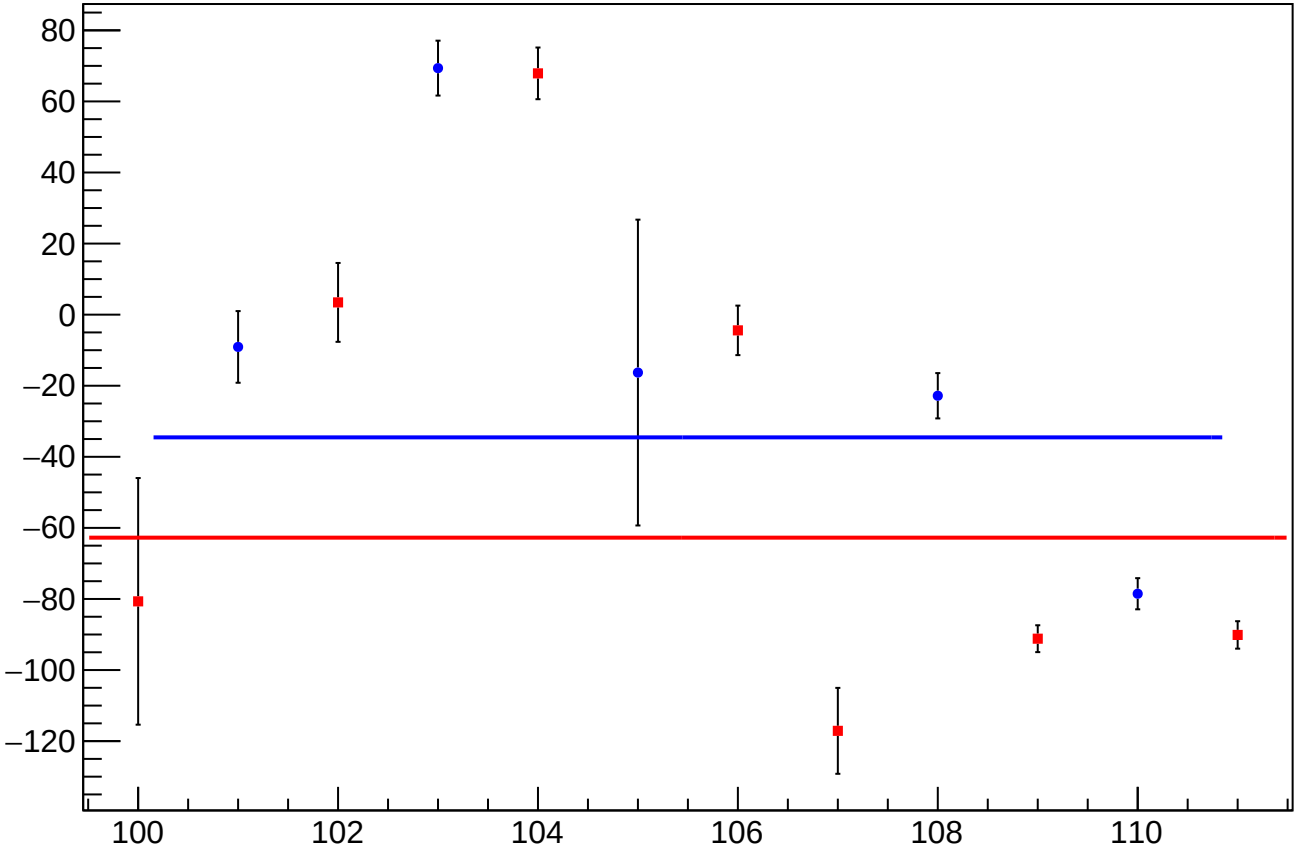
Right Out: 91.631+/-0.103 χ^2/NDF: 12665.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

95.378+/-0.123 χ^2/NDF: 32771.7/4

91.631+/-0.103 χ^2/NDF: 12665.8/6

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: -34.530+/-3.104 χ^2/NDF: 291.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

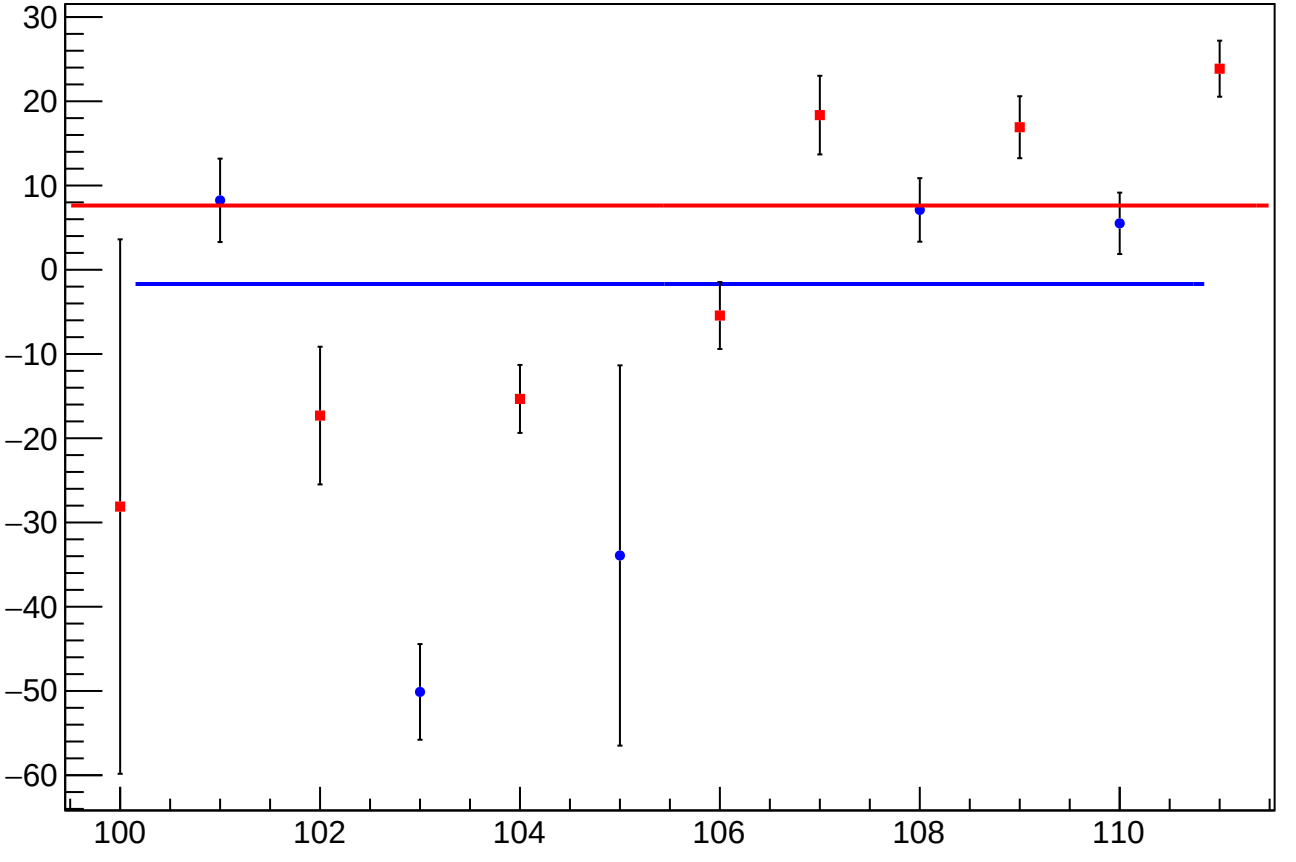
Right Out: -62.748+/-2.280 χ^2/NDF: 555.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-34.530+/-3.104 χ^2/NDF: 291.6/4

-62.748+/-2.280 χ^2/NDF: 555.7/6

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: -1.690+/-2.135 χ^2/NDF: 88.1/4

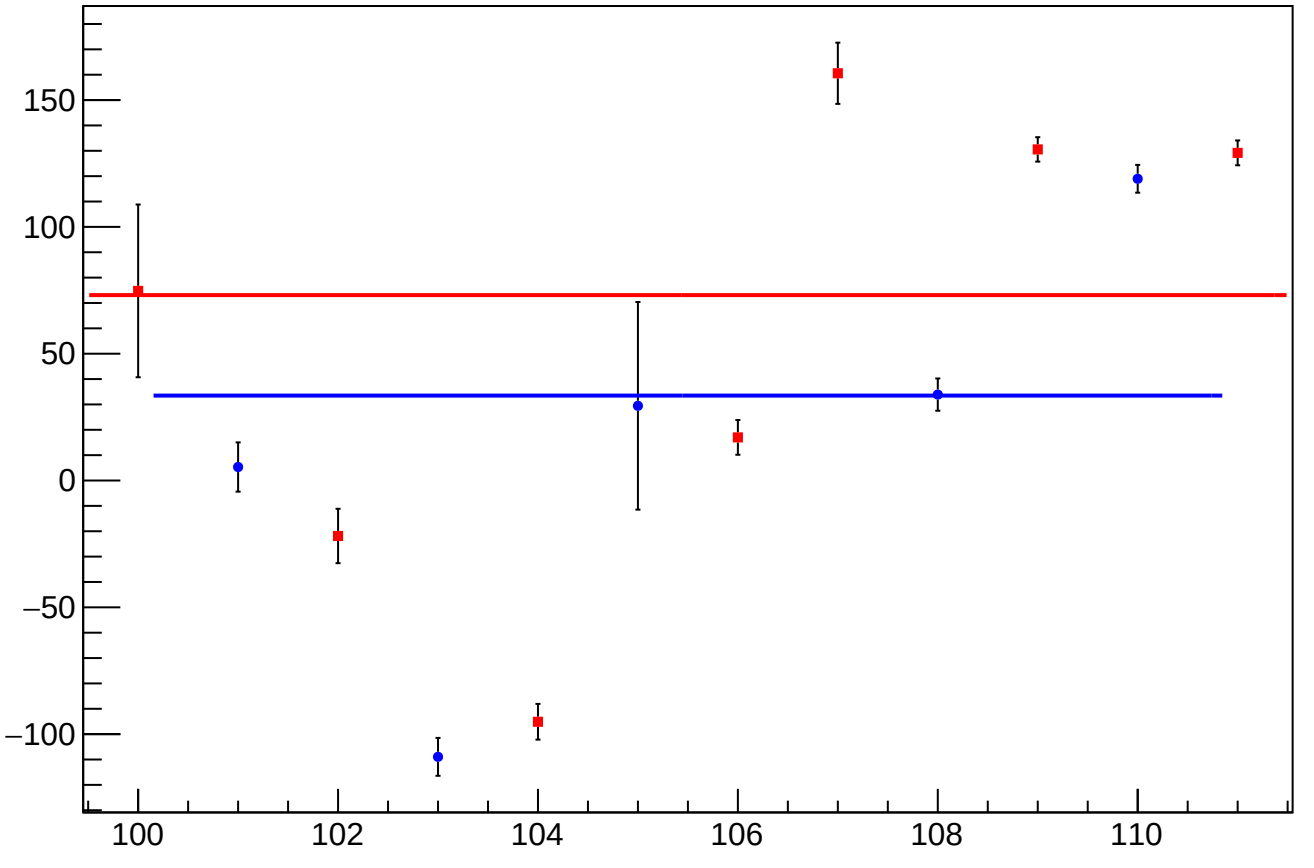
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.626+/-1.688 χ^2/NDF: 89.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-1.690+/-2.135 χ^2/NDF: 88.1/4

7.626+/-1.688 χ^2/NDF: 89.3/6



Right In: 33.487+/-3.388 χ^2/NDF: 615.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

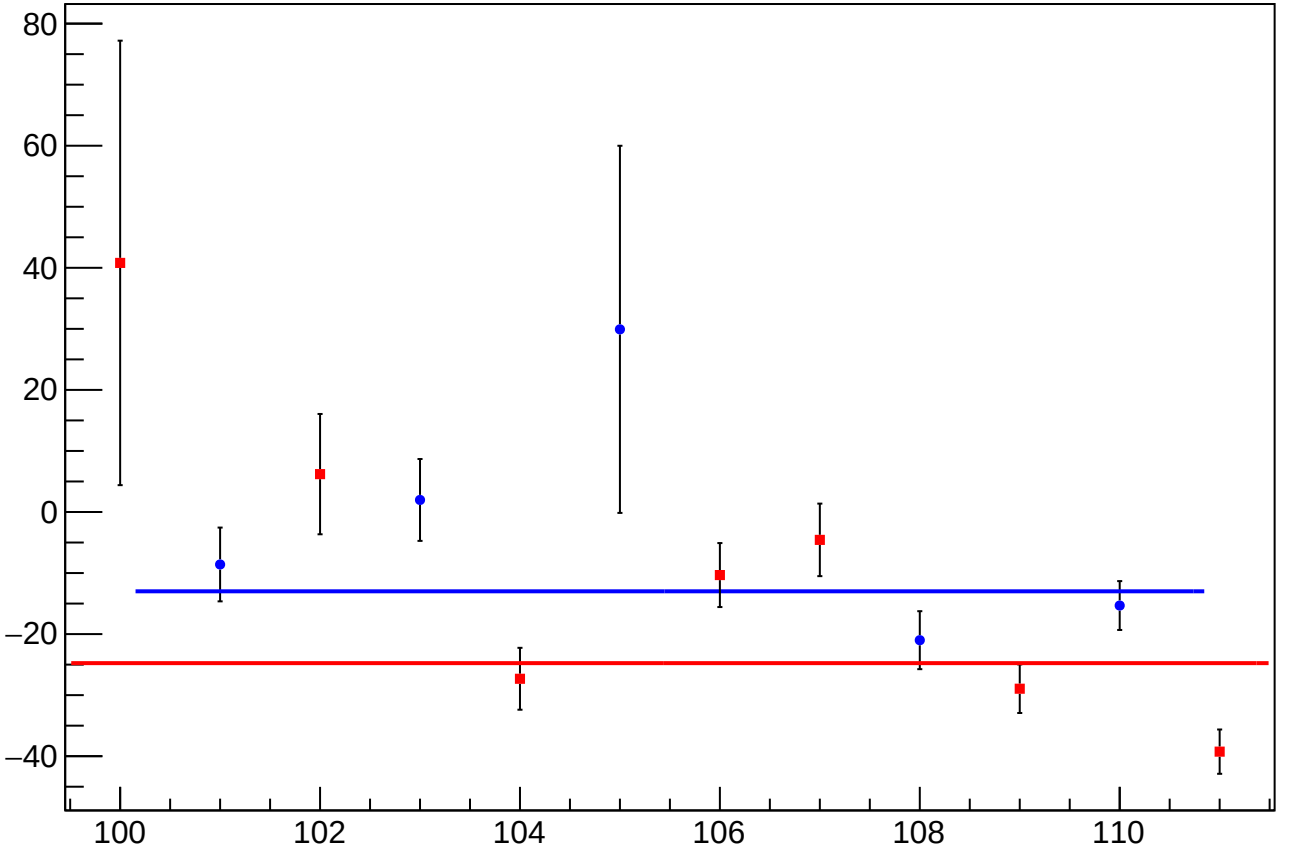
Right Out: 73.105+/-2.647 χ^2/NDF: 1042.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

33.487+/-3.388 χ^2/NDF: 615.1/4

73.105+/-2.647 χ^2/NDF: 1042.4/6

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -12.991+/-2.519 χ^2/NDF: 10.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

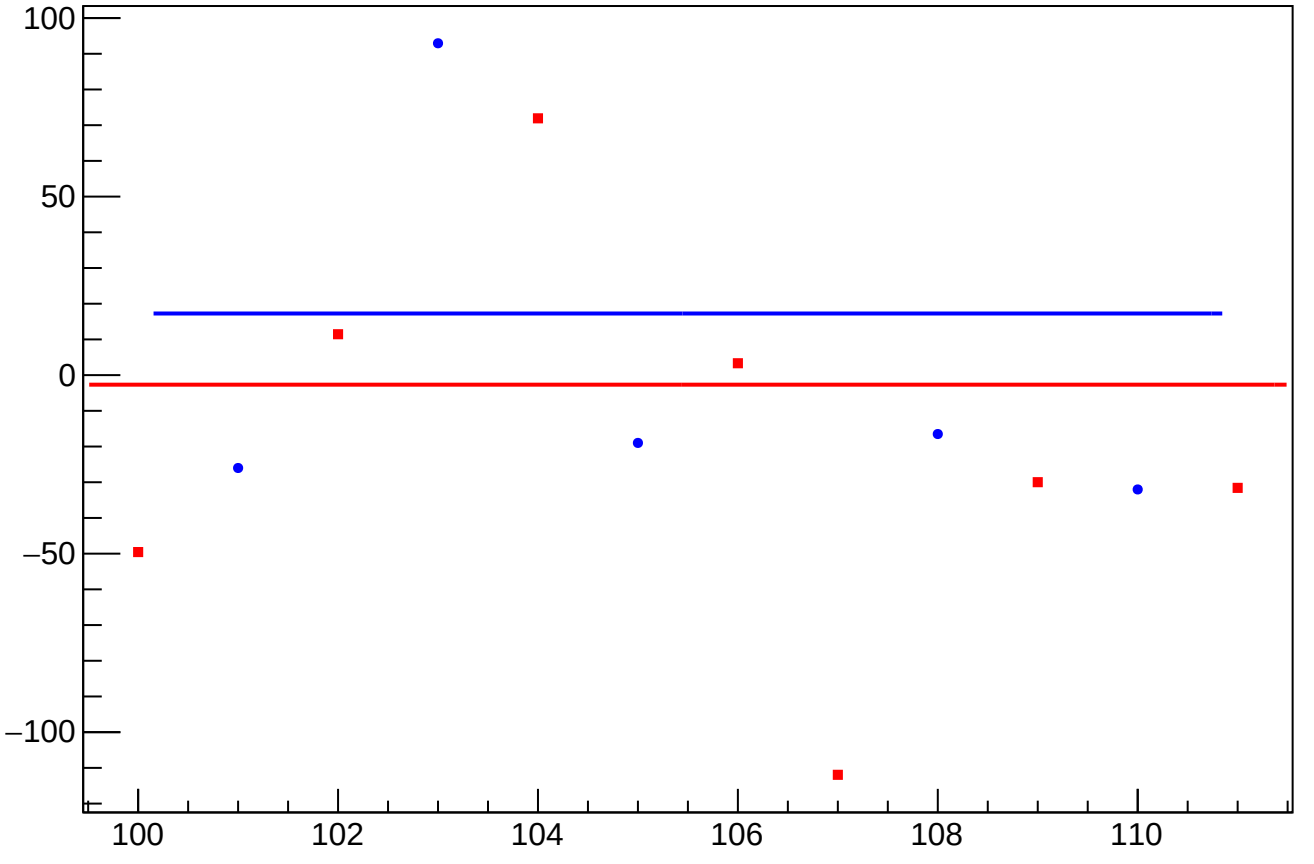
Right Out: -24.757+/-1.985 χ^2/NDF: 49.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-12.991+/-2.519 χ^2/NDF: 10.7/4

-24.757+/-1.985 χ^2/NDF: 49.6/6

reg_asym_at1_avg_diff_bpm12X_slope vs slug



Right In: 17.259+/-0.097 χ^2/NDF: 309377.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

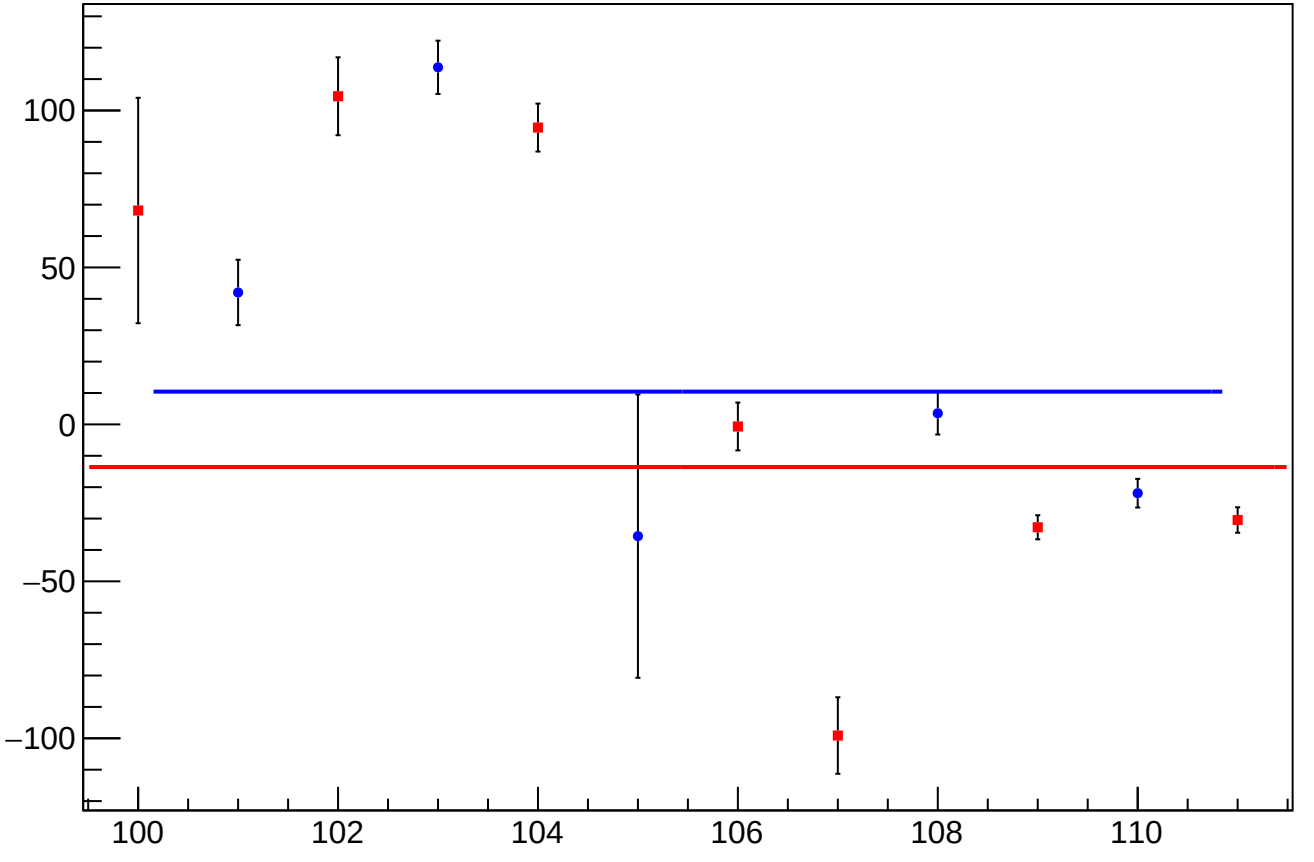
Right Out: -2.675+/-0.085 χ^2/NDF: 371185.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

17.259+/-0.097 χ^2/NDF: 309377.9/4

-2.675+/-0.085 χ^2/NDF: 371185.5/6

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 10.440+/-3.274 χ^2/NDF: 209.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

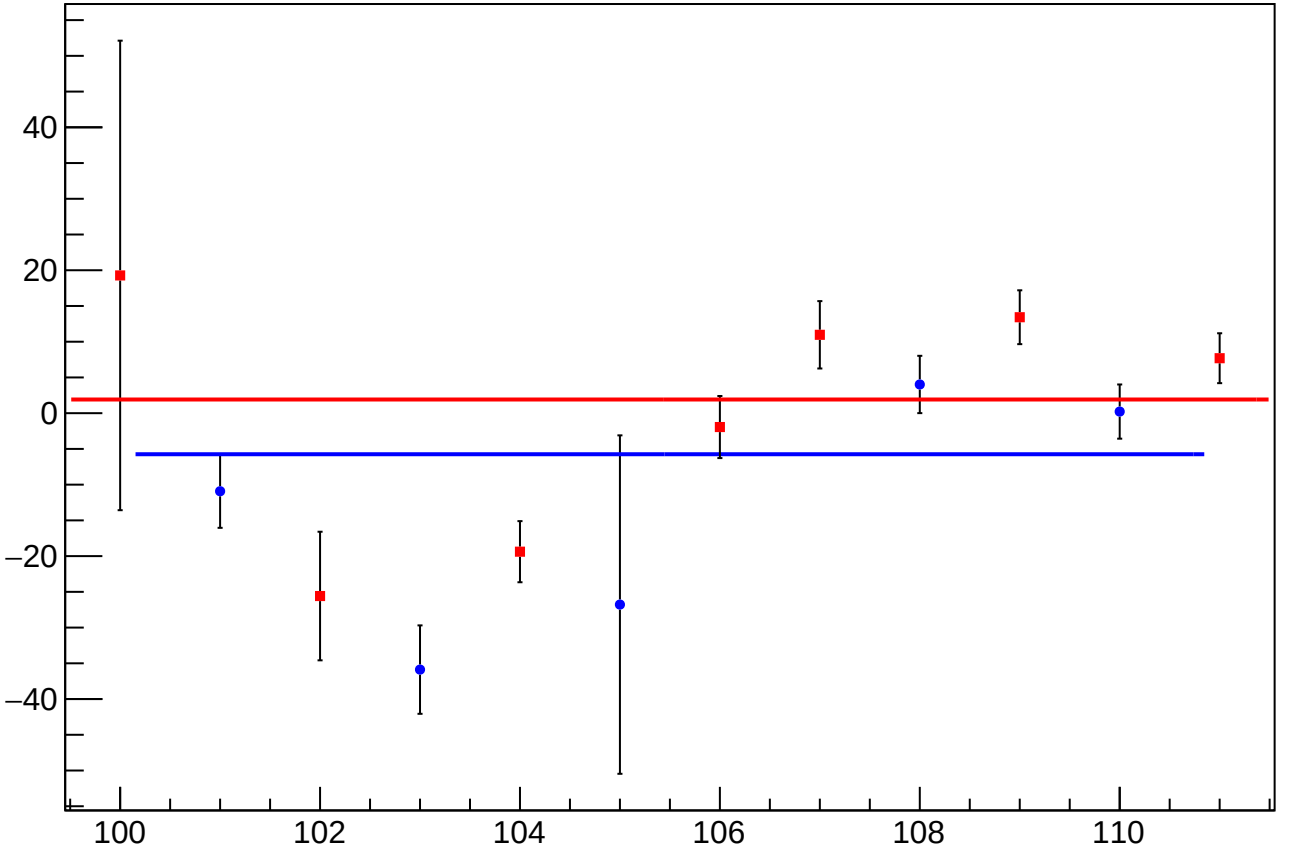
Right Out: -13.579+/-2.377 χ^2/NDF: 390.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

10.440+/-3.274 χ^2/NDF: 209.6/4

-13.579+/-2.377 χ^2/NDF: 390.5/6

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -5.745+/-2.249 χ^2/NDF: 33.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

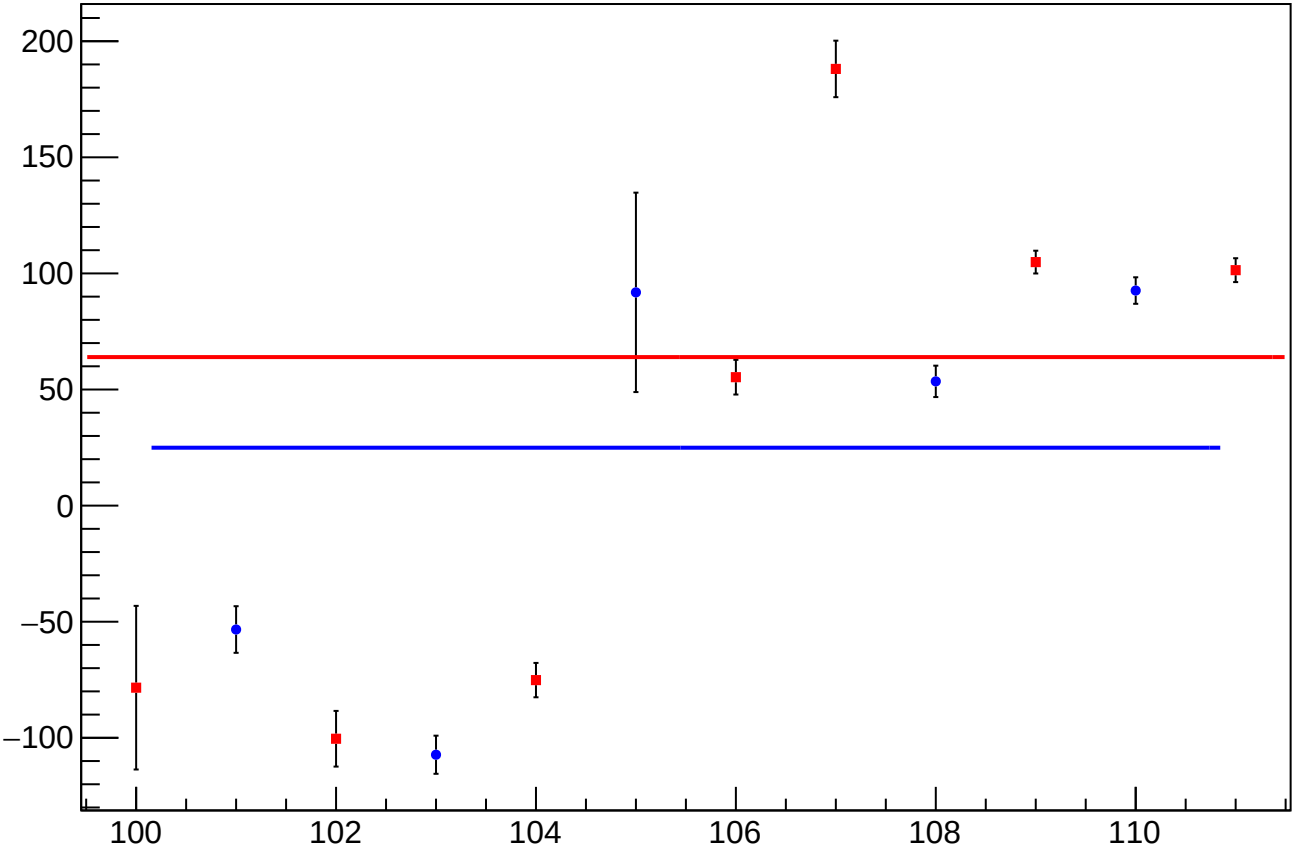
Right Out: 1.914+/-1.772 χ^2/NDF: 51.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-5.745+/-2.249 χ^2/NDF: 33.9/4

1.914+/-1.772 χ^2/NDF: 51.0/6

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 24.941+/-3.584 χ^2/NDF: 481.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

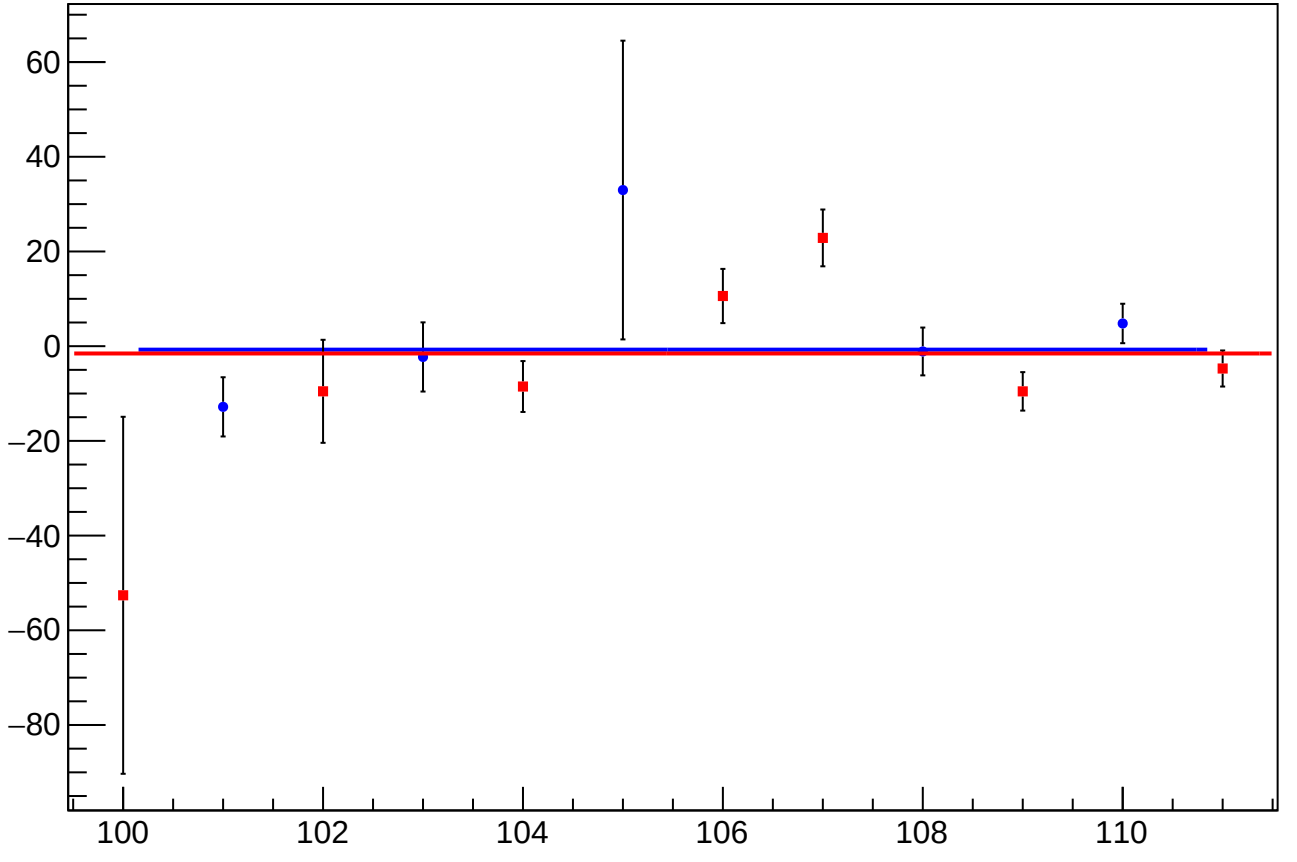
Right Out: 63.966+/-2.772 χ^2/NDF: 785.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

24.941+/-3.584 χ^2/NDF: 481.0/4

63.966+/-2.772 χ^2/NDF: 785.9/6

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -0.735+/-2.652 χ^2/NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

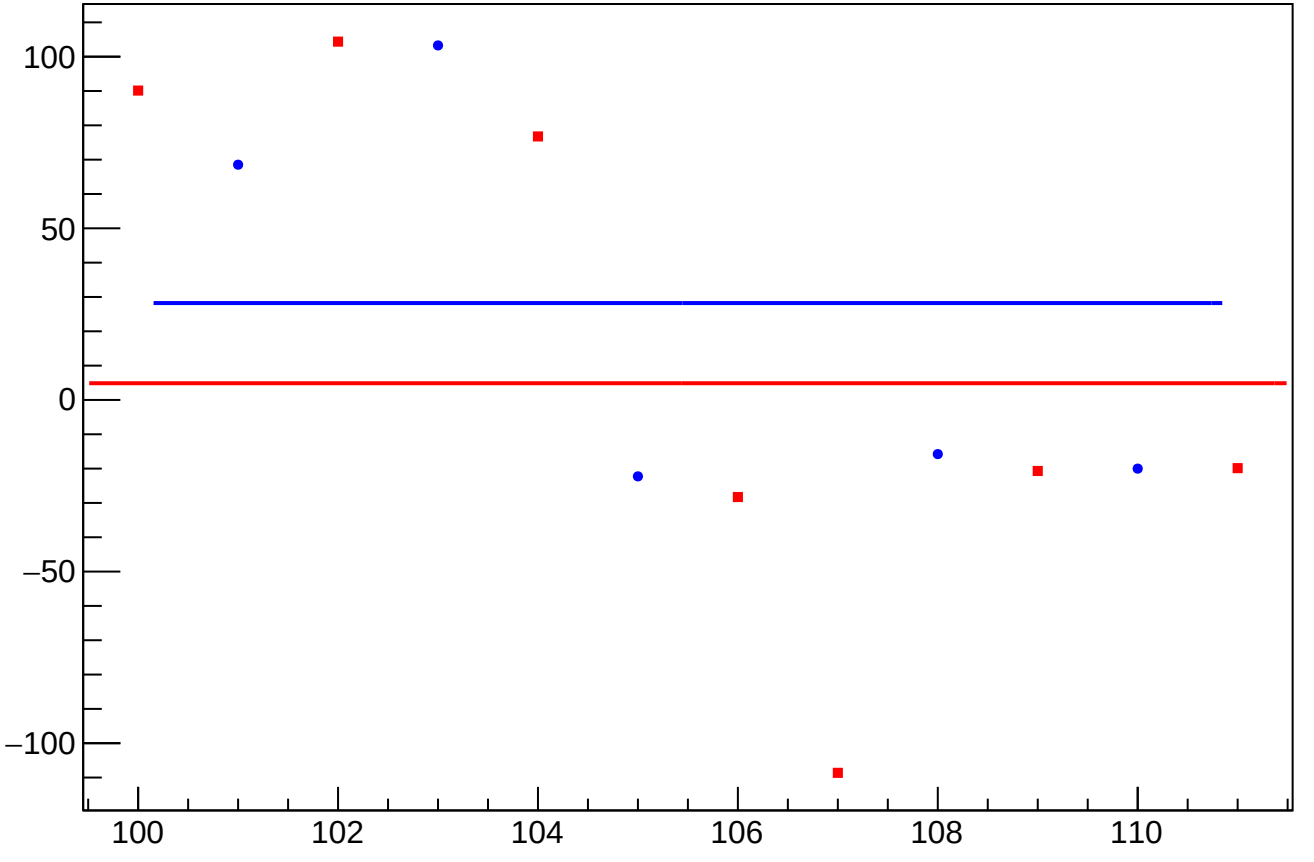
Right Out: -1.543+/-2.078 χ^2/NDF: 29.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.735+/-2.652 χ^2/NDF: 6.7/4

-1.543+/-2.078 χ^2/NDF: 29.7/6

reg_asym_at1_dd_diff_bpm12X_slope vs slug



Right In: 28.225+/-0.104 χ^2/NDF: 292465.2/4

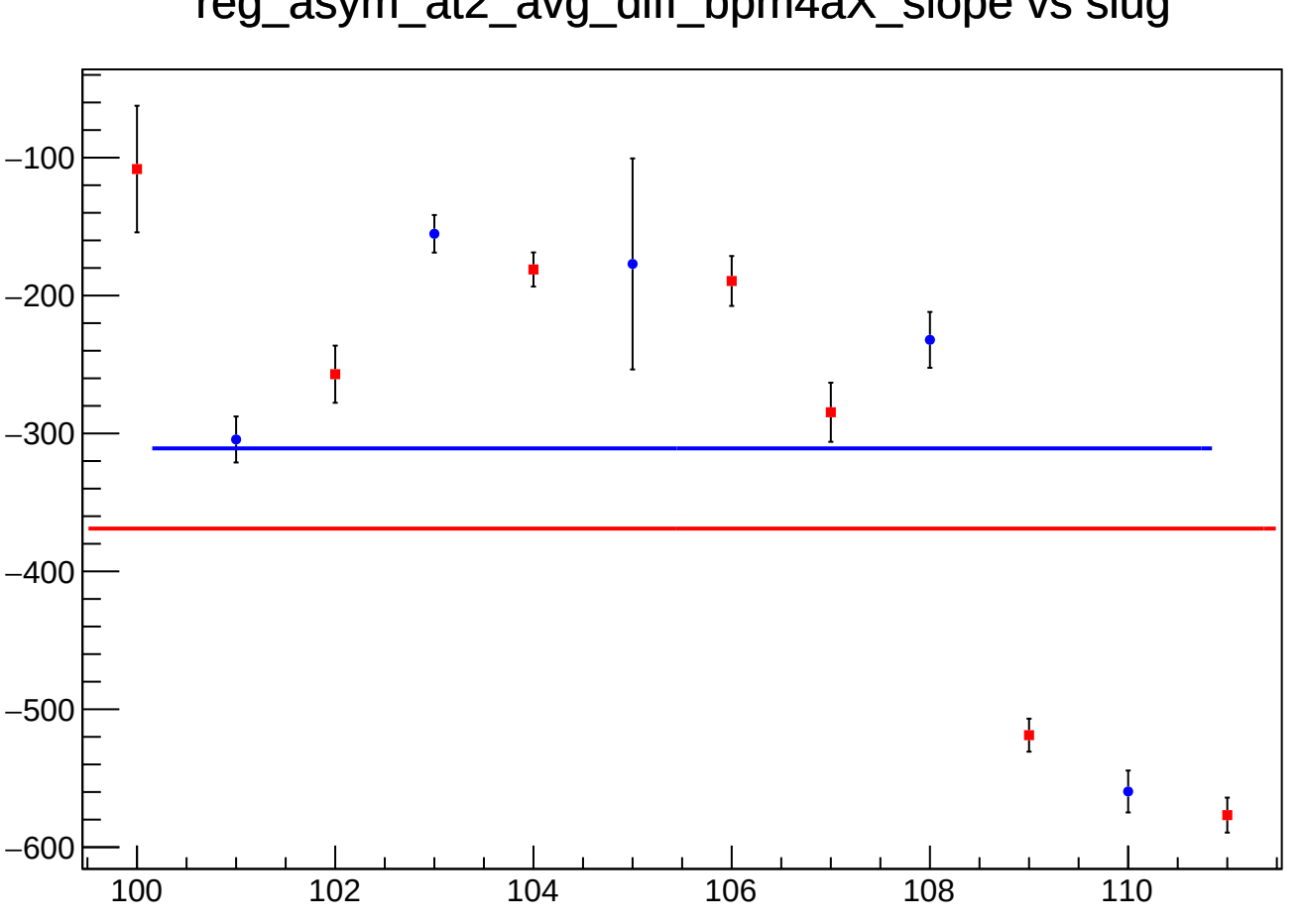
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.872+/-0.090 χ^2/NDF: 498888.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

28.225+/-0.104 χ^2/NDF: 292465.2/4

4.872+/-0.090 χ^2/NDF: 498888.0/6



Right In: -310.820+/-7.921 χ^2/NDF: 417.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

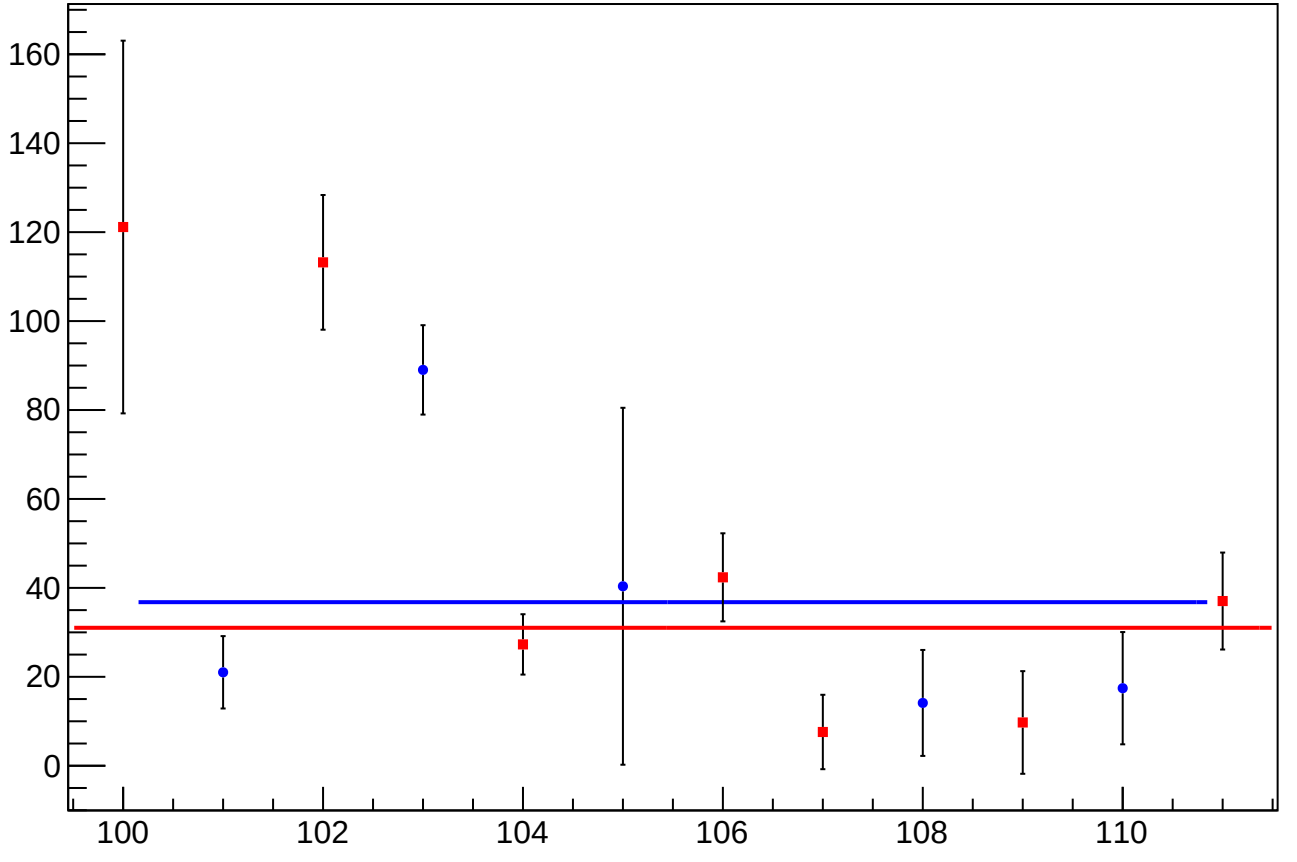
Right Out: -368.958+/-5.998 χ^2/NDF: 831.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-310.820+/-7.921 χ^2/NDF: 417.3/4

-368.958+/-5.998 χ^2/NDF: 831.8/6

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 36.789+/-5.068 χ^2/NDF: 36.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

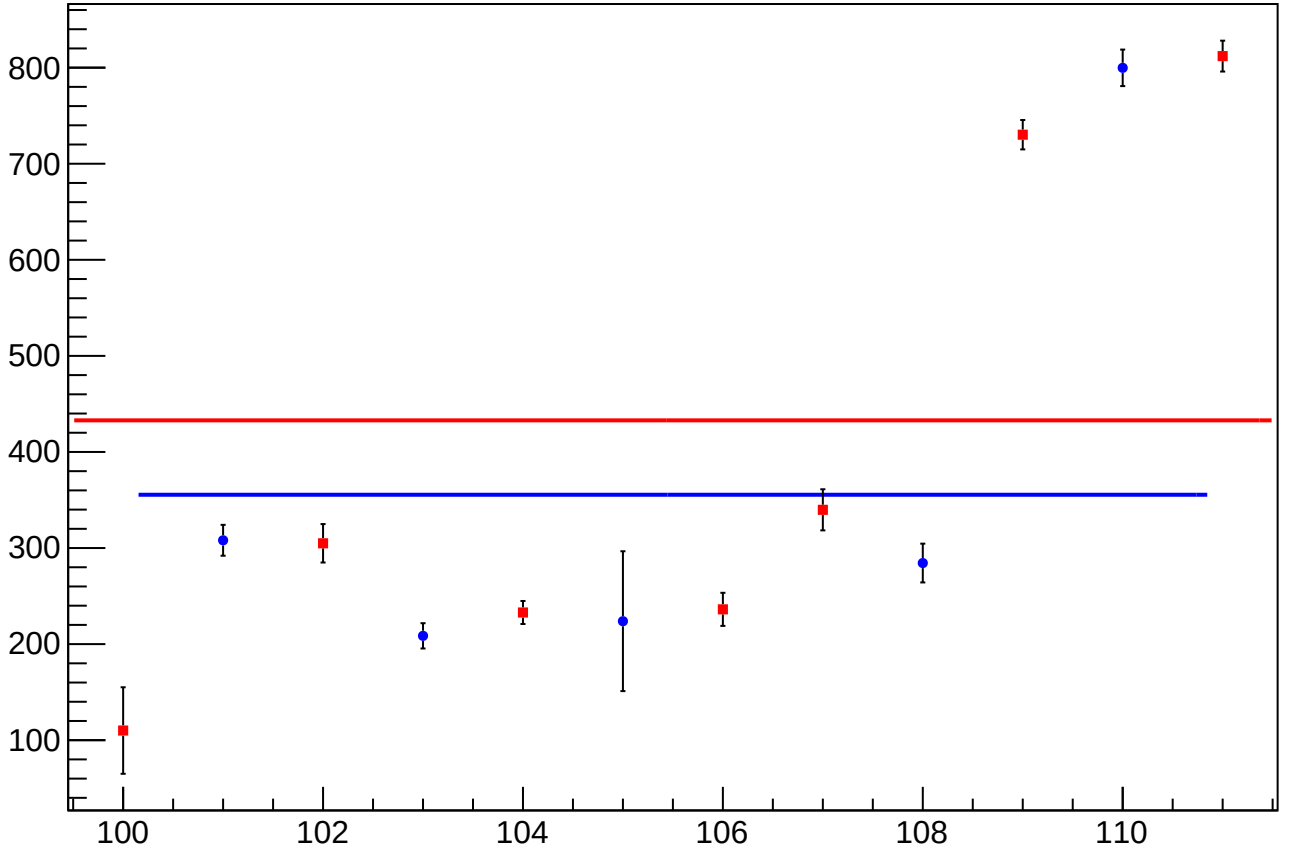
Right Out: 31.027+/-3.862 χ^2/NDF: 47.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

36.789+/-5.068 χ^2/NDF: 36.7/4

31.027+/-3.862 χ^2/NDF: 47.2/6

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: 355.466+/-8.149 χ^2/NDF: 695.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

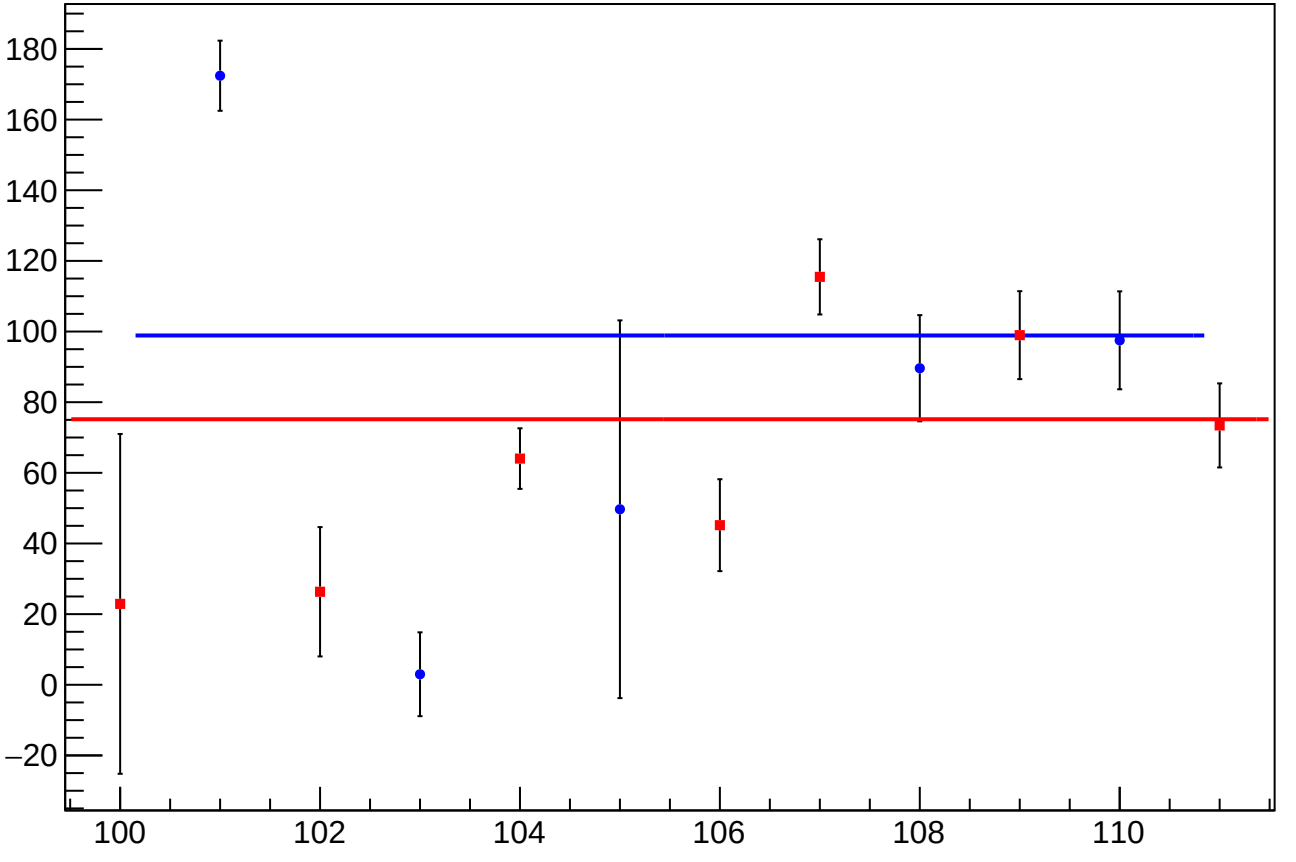
Right Out: 432.893+/-6.501 χ^2/NDF: 1454.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

355.466+/-8.149 χ^2/NDF: 695.7/4

432.893+/-6.501 χ^2/NDF: 1454.7/6

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 98.882+/-6.060 χ^2/NDF: 121.4/4

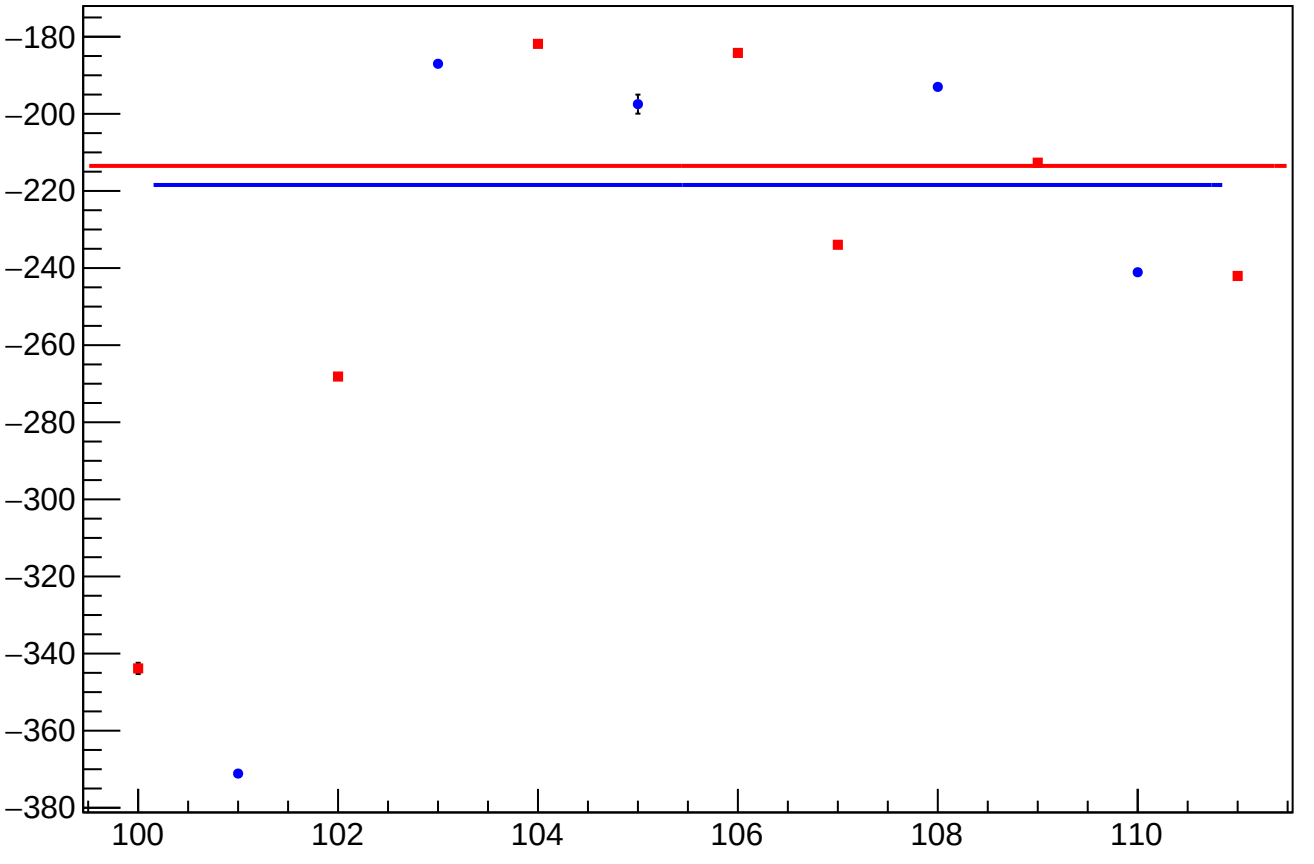
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 75.171+/-4.700 χ^2/NDF: 33.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

98.882+/-6.060 χ^2/NDF: 121.4/4

75.171+/-4.700 χ^2/NDF: 33.3/6



Right In: -218.449+/-0.221 χ^2/NDF: 84691.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

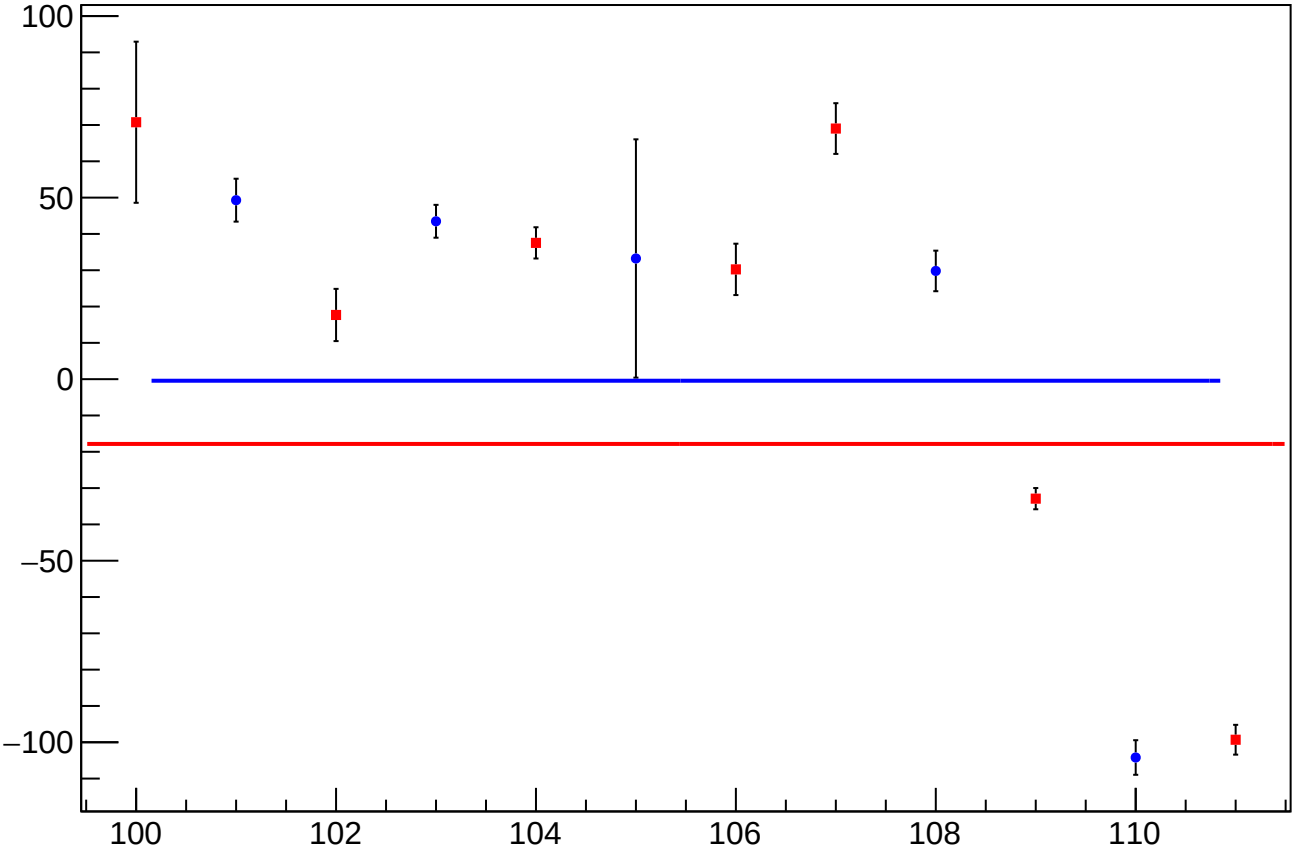
Right Out: -213.500+/-0.189 χ^2/NDF: 38894.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-218.449+/-0.221 χ^2/NDF: 84691.7/4

-213.500+/-0.189 χ^2/NDF: 38894.2/6

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -0.432+/-2.544 χ^2/NDF: 669.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

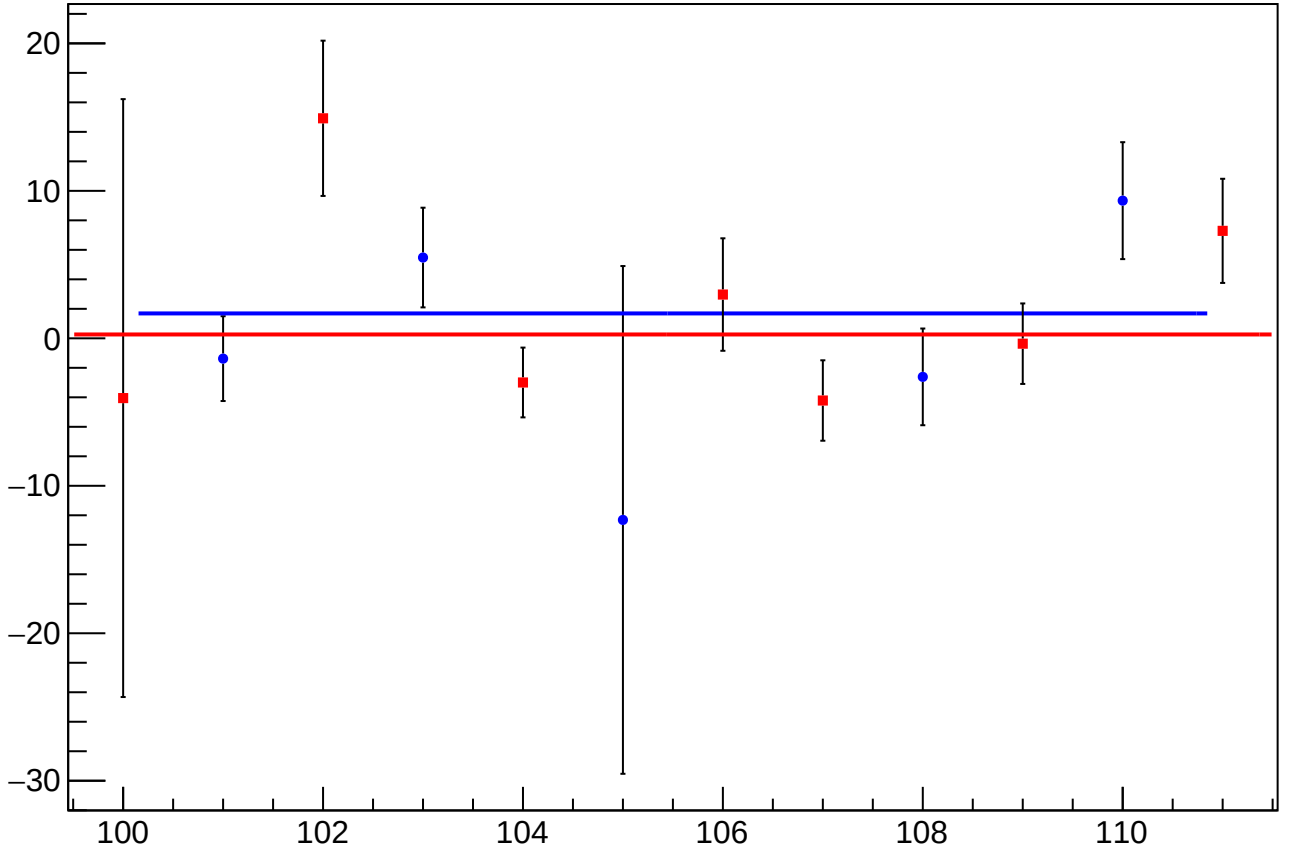
Right Out: -17.838+/-1.850 χ^2/NDF: 827.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-0.432+/-2.544 χ^2/NDF: 669.9/4

-17.838+/-1.850 χ^2/NDF: 827.3/6

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 1.688+/-1.647 χ^2/NDF: 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

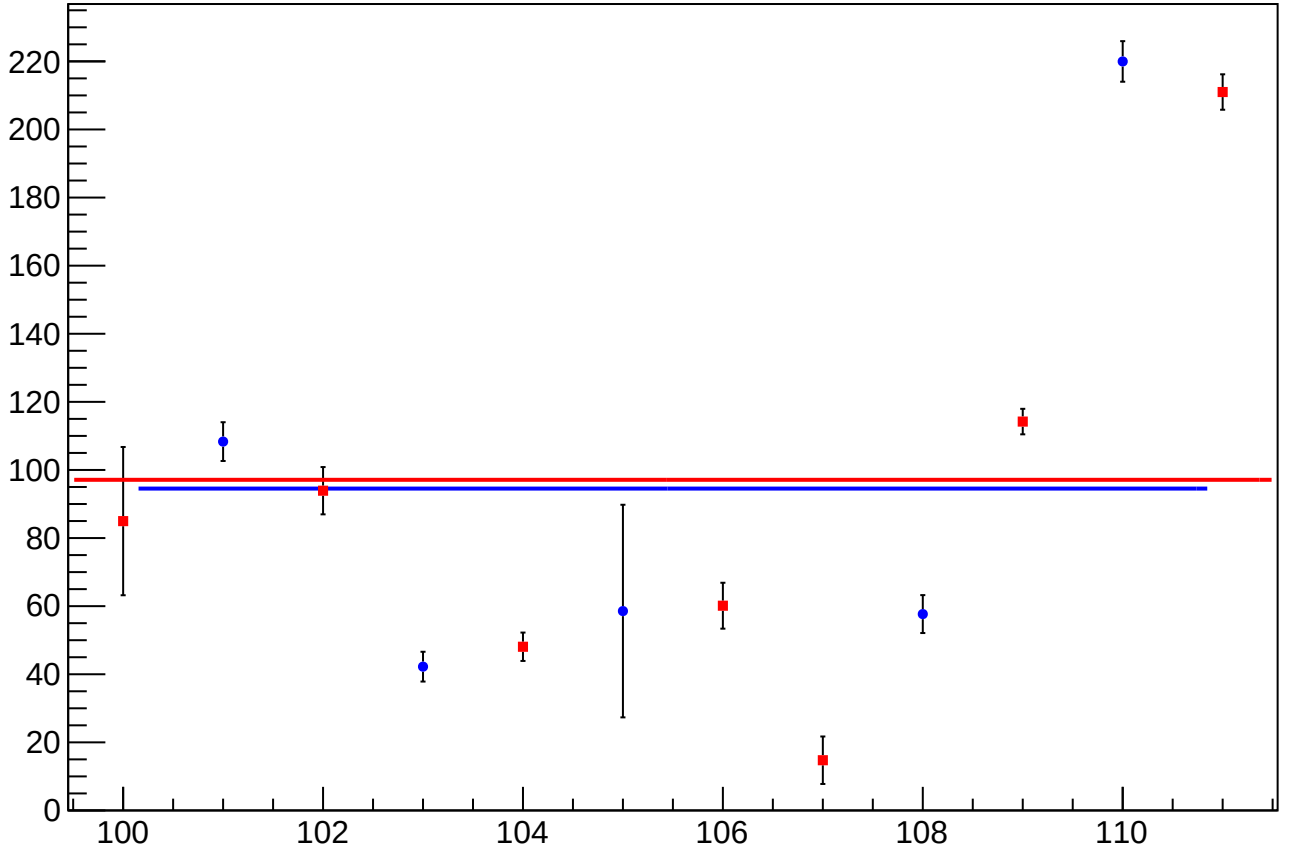
Right Out: 0.262+/-1.255 χ^2/NDF: 16.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

1.688+/-1.647 χ^2/NDF: 8.5/4

0.262+/-1.255 χ^2/NDF: 16.9/6

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 94.531+/-2.630 χ^2/NDF: 637.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

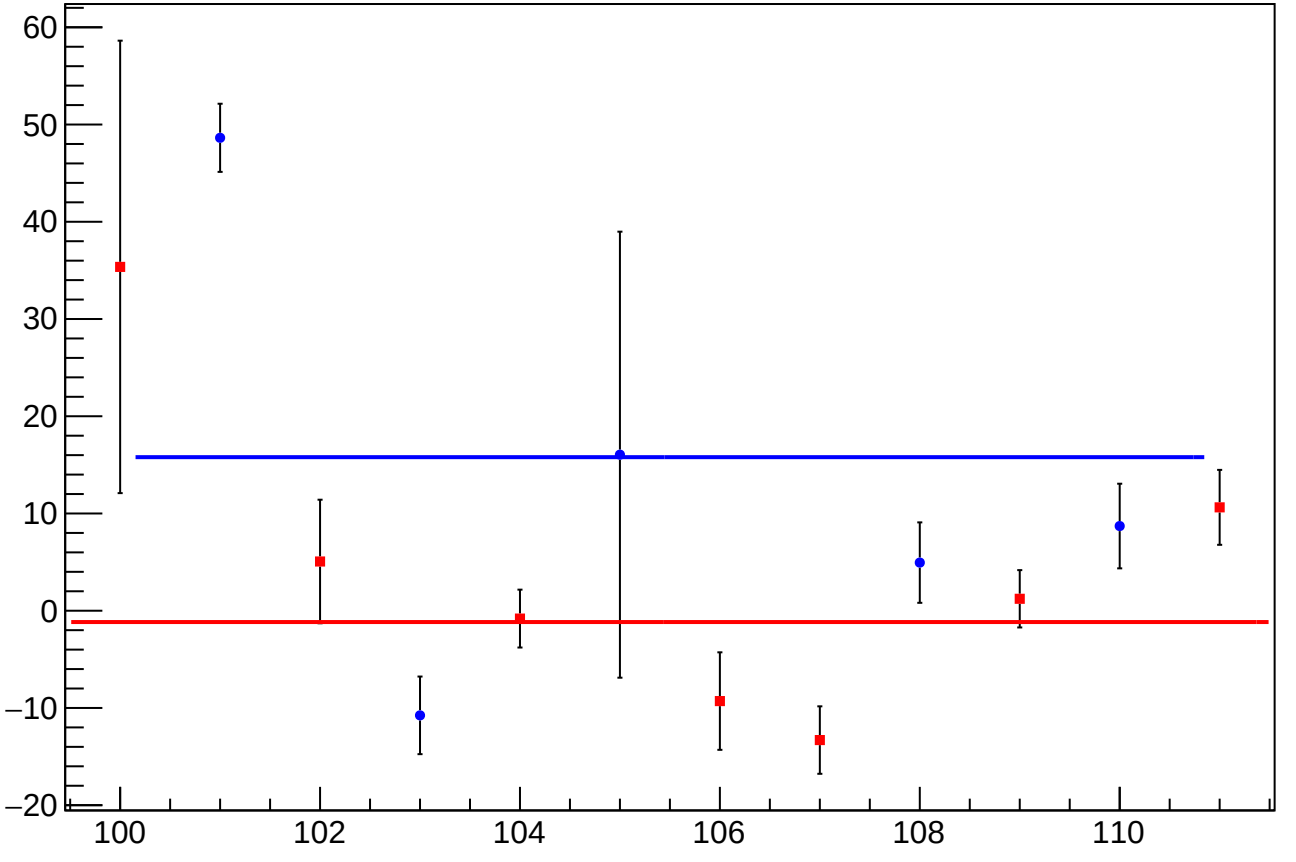
Right Out: 97.108+/-2.080 χ^2/NDF: 808.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

94.531+/-2.630 χ^2/NDF: 637.0/4

97.108+/-2.080 χ^2/NDF: 808.5/6

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: 15.792+/-1.971 χ^2/NDF: 141.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

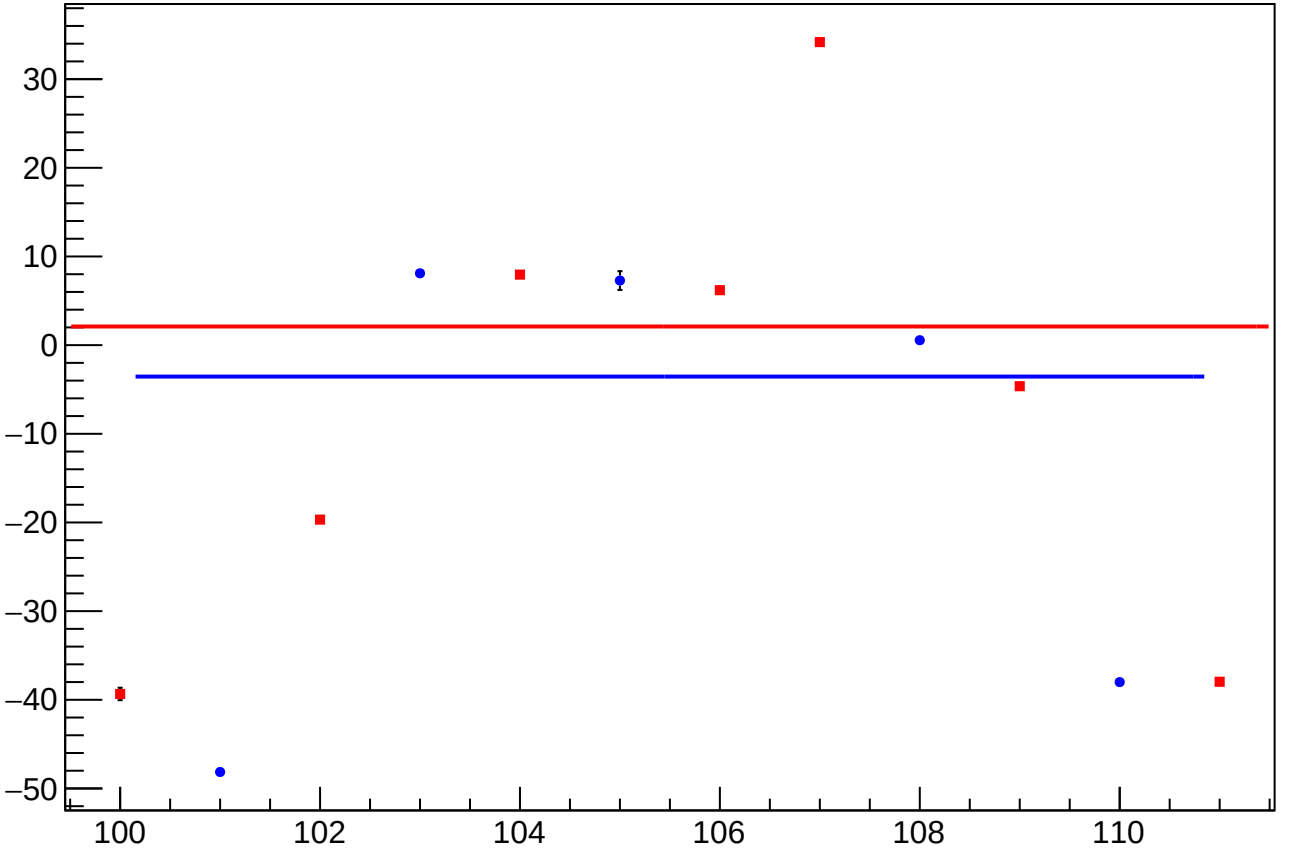
Right Out: -1.165+/-1.499 χ^2/NDF: 28.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

15.792+/-1.971 χ^2/NDF: 141.6/4

-1.165+/-1.499 χ^2/NDF: 28.3/6

reg_asym_at2_dd_diff_bpm12X_slope vs slug



Right In: -3.545+/-0.070 χ^2/NDF: 76734.3/4

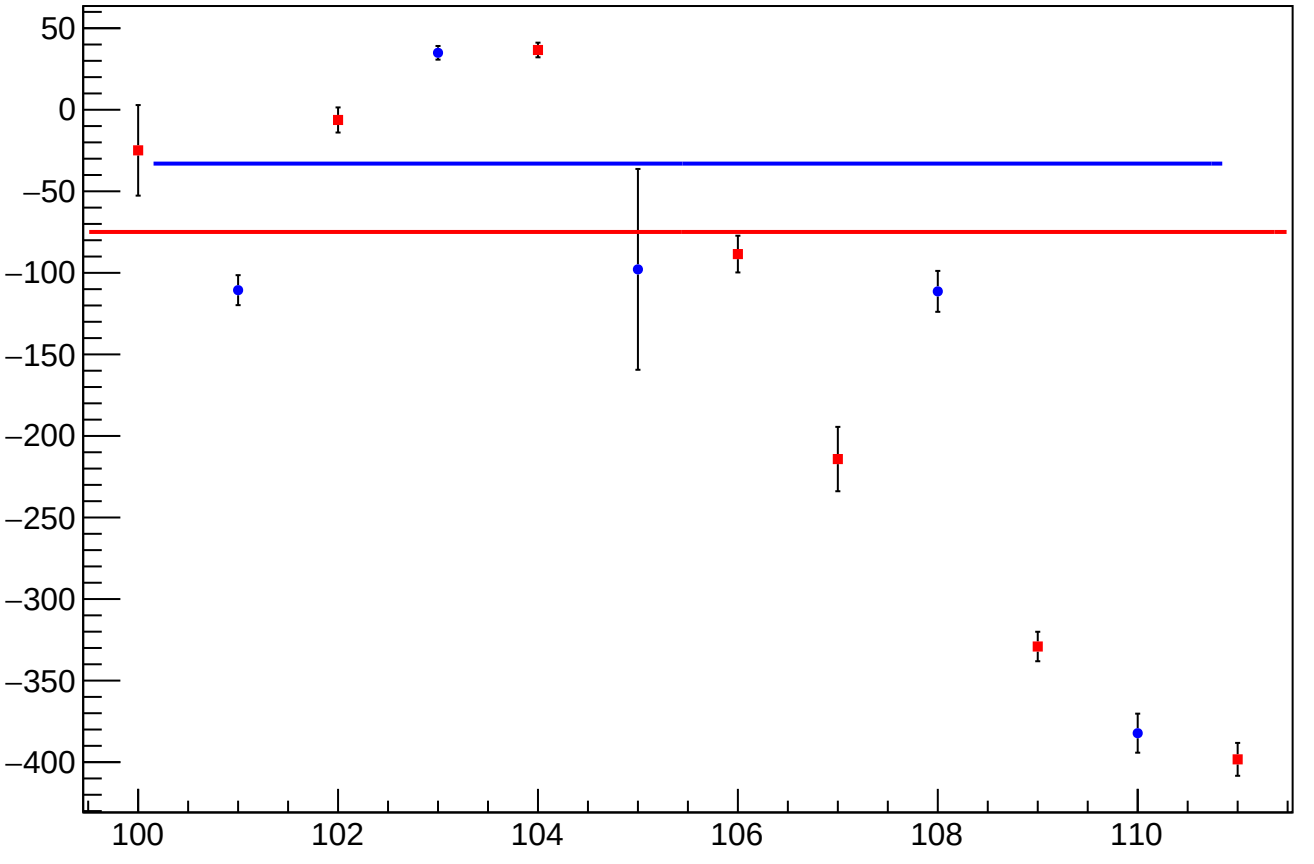
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.104+/-0.063 χ^2/NDF: 94656.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.545+/-0.070 χ^2/NDF: 76734.3/4

2.104+/-0.063 χ^2/NDF: 94656.5/6



Right In: -33.014+/-3.483 χ^2/NDF: 1226.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

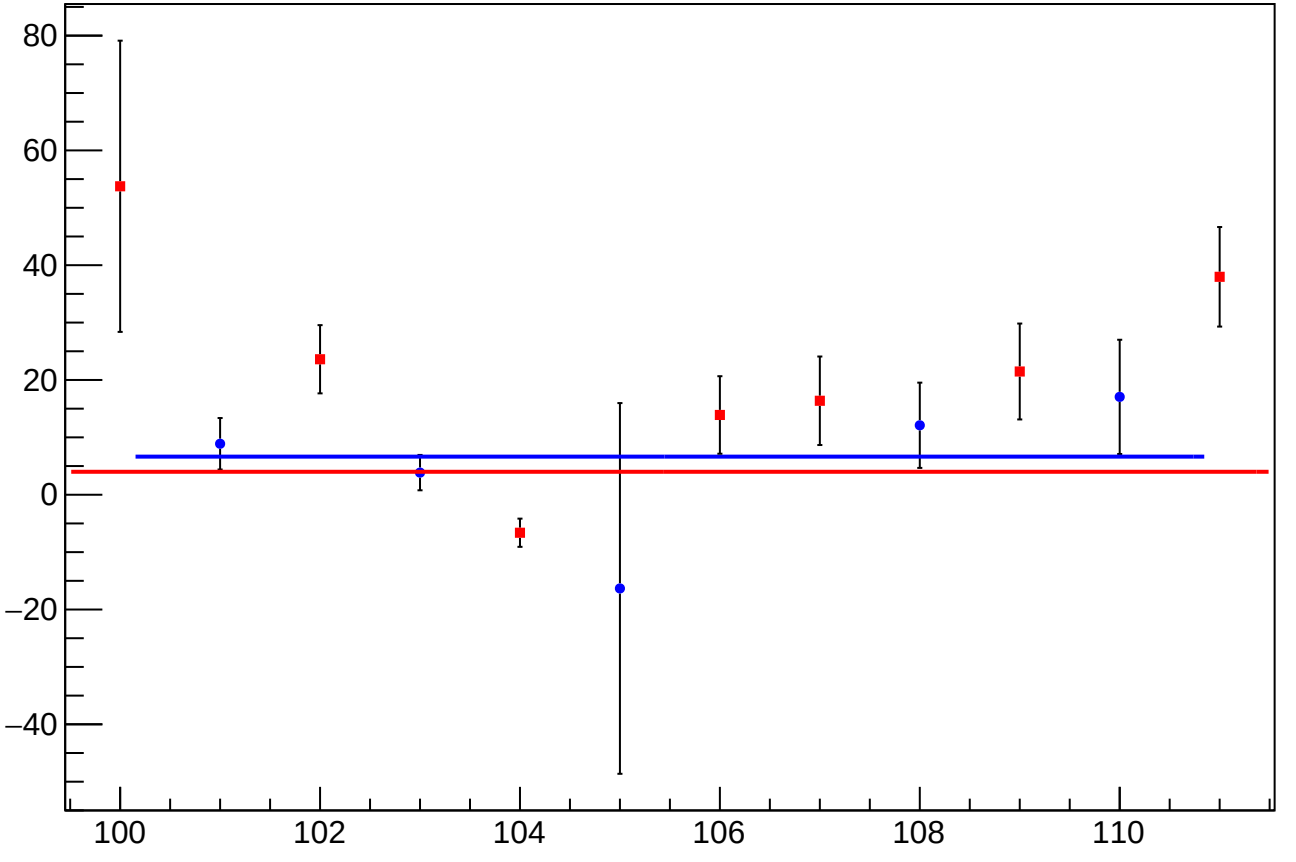
Right Out: -74.924+/-3.157 χ^2/NDF: 2571.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-33.014+/-3.483 χ^2/NDF: 1226.0/4

-74.924+/-3.157 χ^2/NDF: 2571.4/6

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 6.642+/-2.329 χ^2/NDF: 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

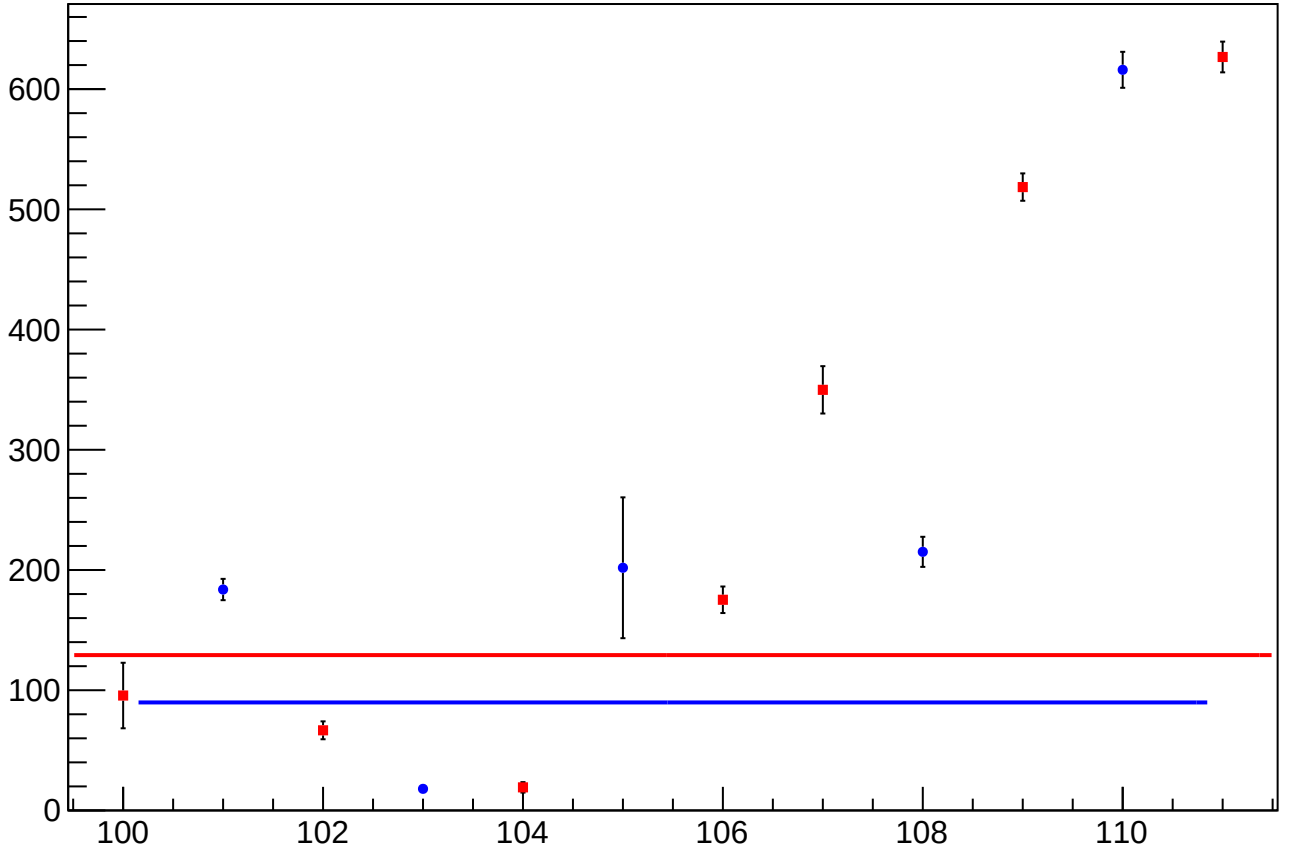
Right Out: 4.003+/-1.954 χ^2/NDF: 57.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.642+/-2.329 χ^2/NDF: 3.2/4

4.003+/-1.954 χ^2/NDF: 57.8/6

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 89.845+/-3.433 χ^2/NDF: 1767.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

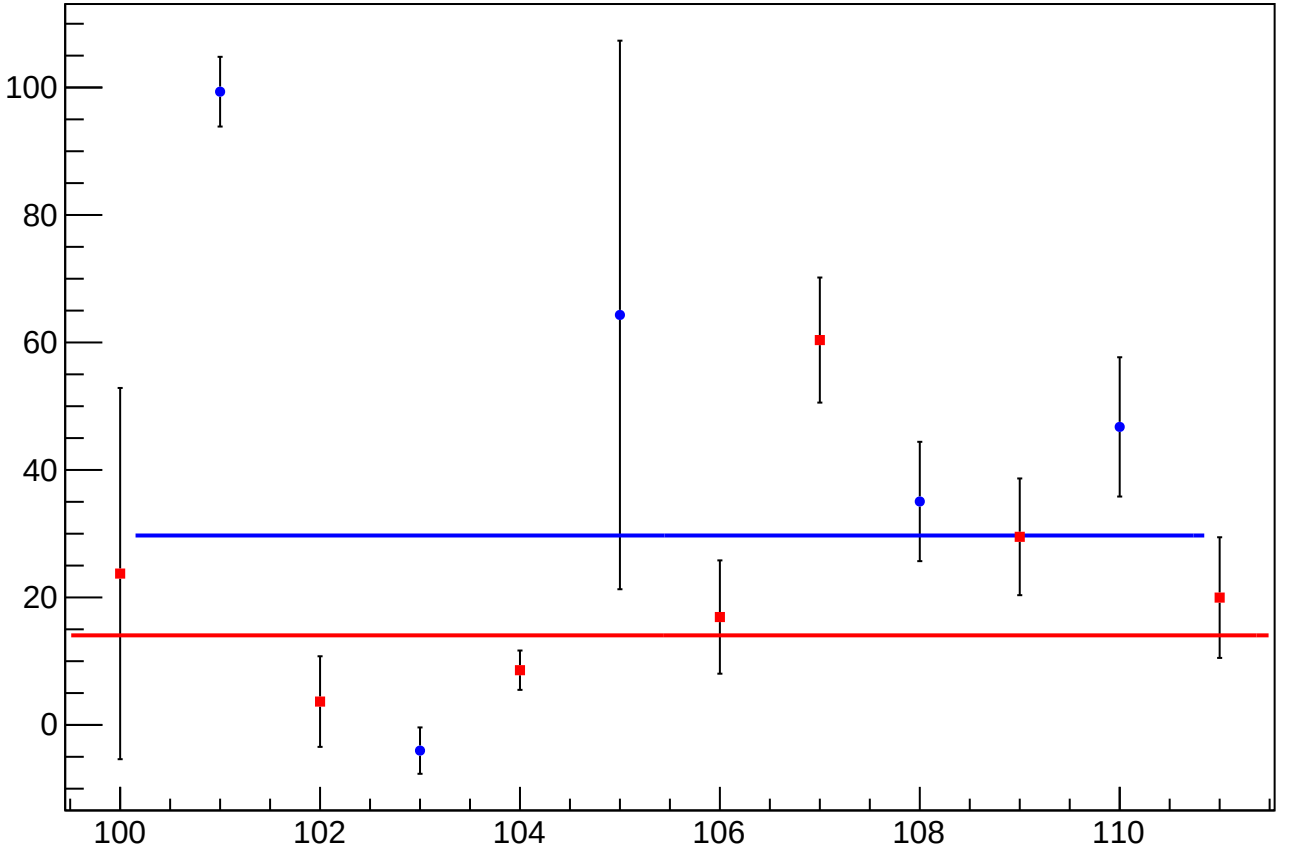
Right Out: 129.219+/-3.212 χ^2/NDF: 3539.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

89.845+/-3.433 χ^2/NDF: 1767.1/4

129.219+/-3.212 χ^2/NDF: 3539.1/6

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 29.719+/-2.781 χ^2/NDF: 251.5/4

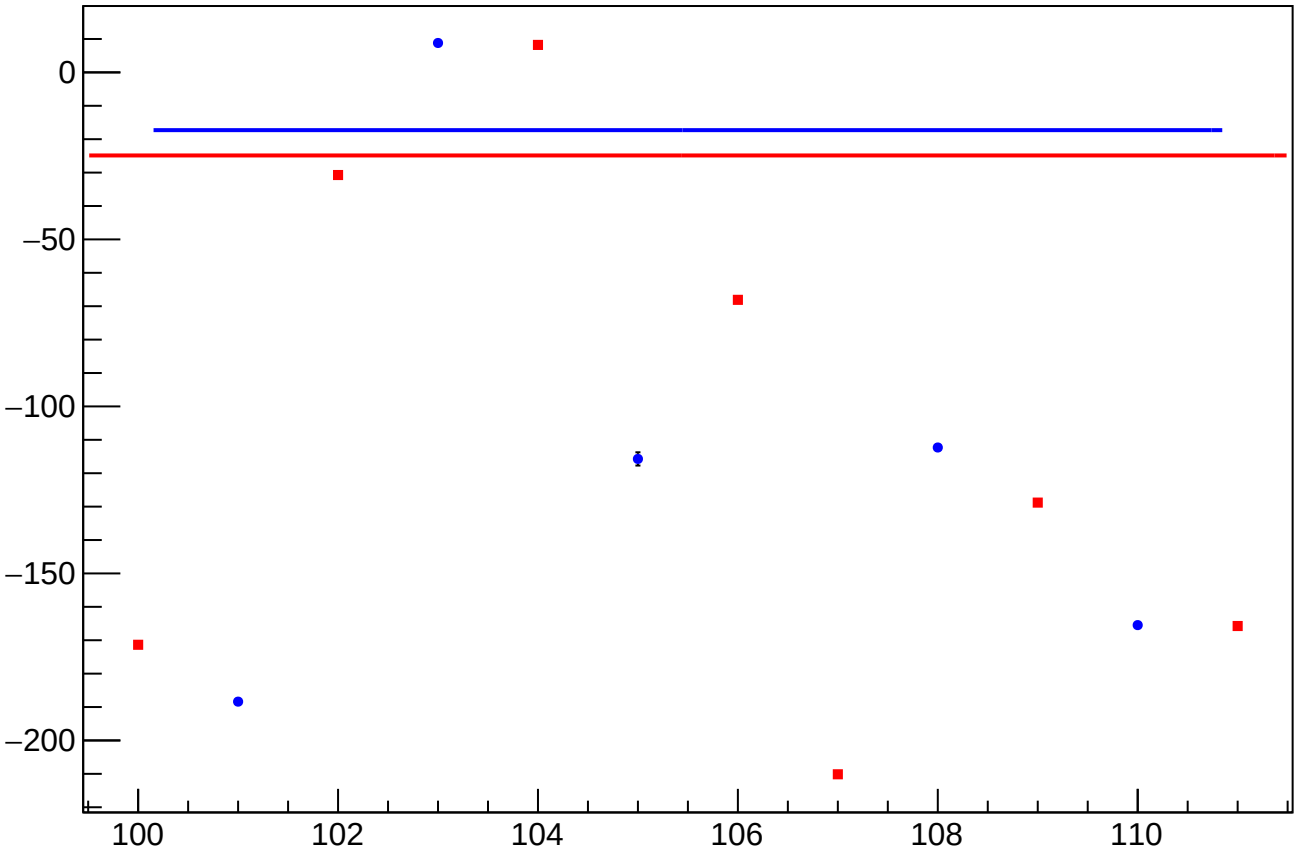
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.053+/-2.410 χ^2/NDF: 31.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

29.719+/-2.781 χ^2/NDF: 251.5/4

14.053+/-2.410 χ^2/NDF: 31.0/6



Right In: -17.290+/-0.083 χ^2/NDF: 526425.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

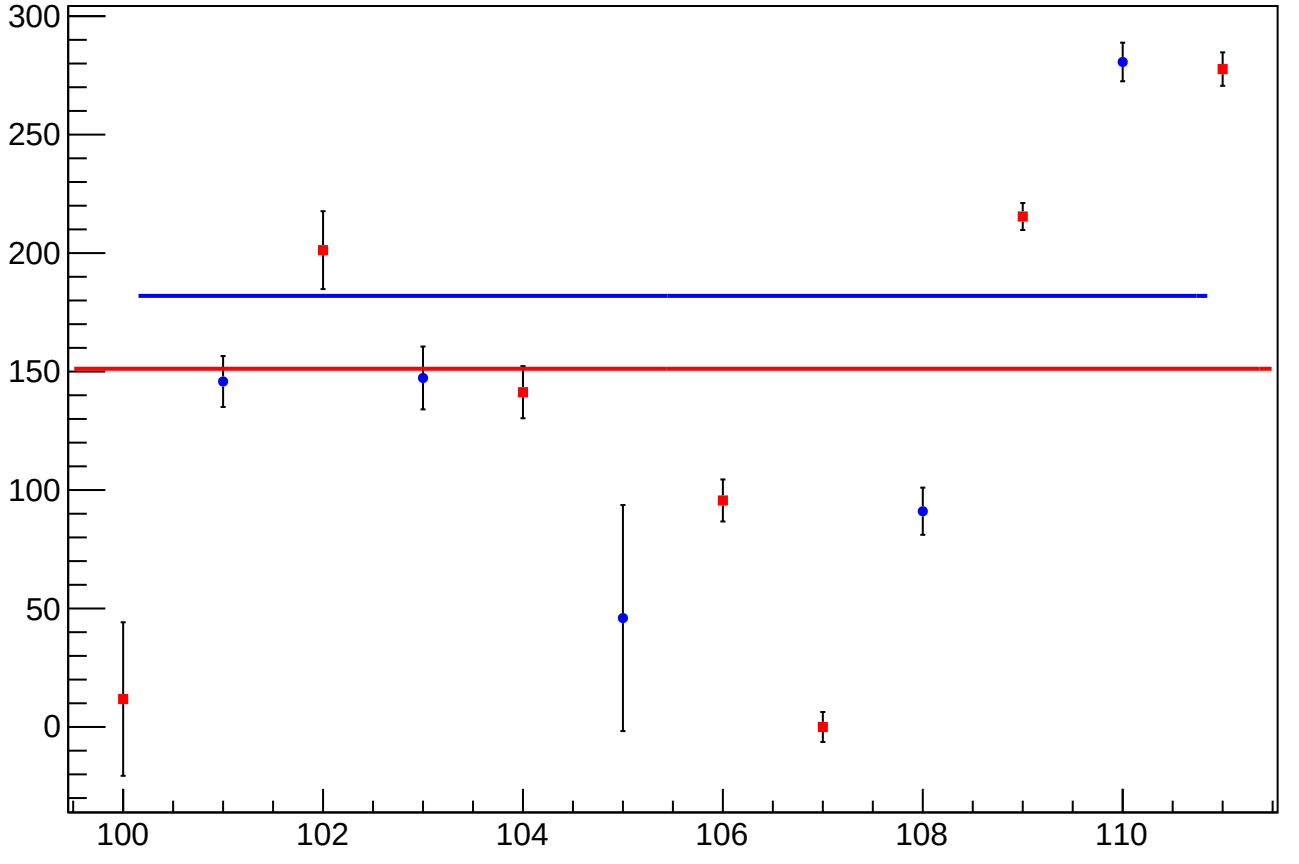
Right Out: -24.868+/-0.083 χ^2/NDF: 423484.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-17.290+/-0.083 χ^2/NDF: 526425.9/4

-24.868+/-0.083 χ^2/NDF: 423484.8/6

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 181.946+/-5.004 χ^2/NDF: 256.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

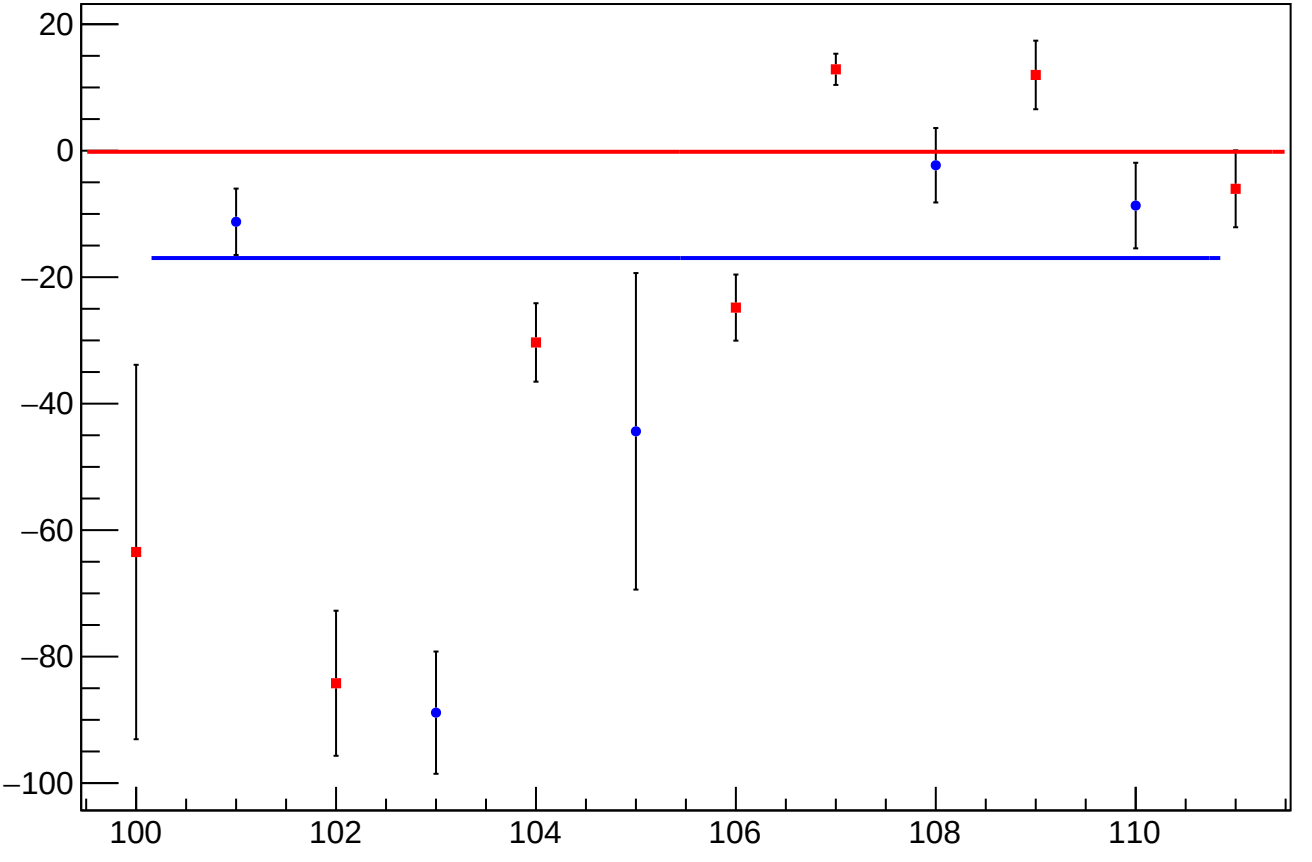
Right Out: 151.194+/-3.141 χ^2/NDF: 1086.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

181.946+/-5.004 χ^2/NDF: 256.4/4

151.194+/-3.141 χ^2/NDF: 1086.3/6

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -16.974+/-3.173 χ^2/NDF: 65.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

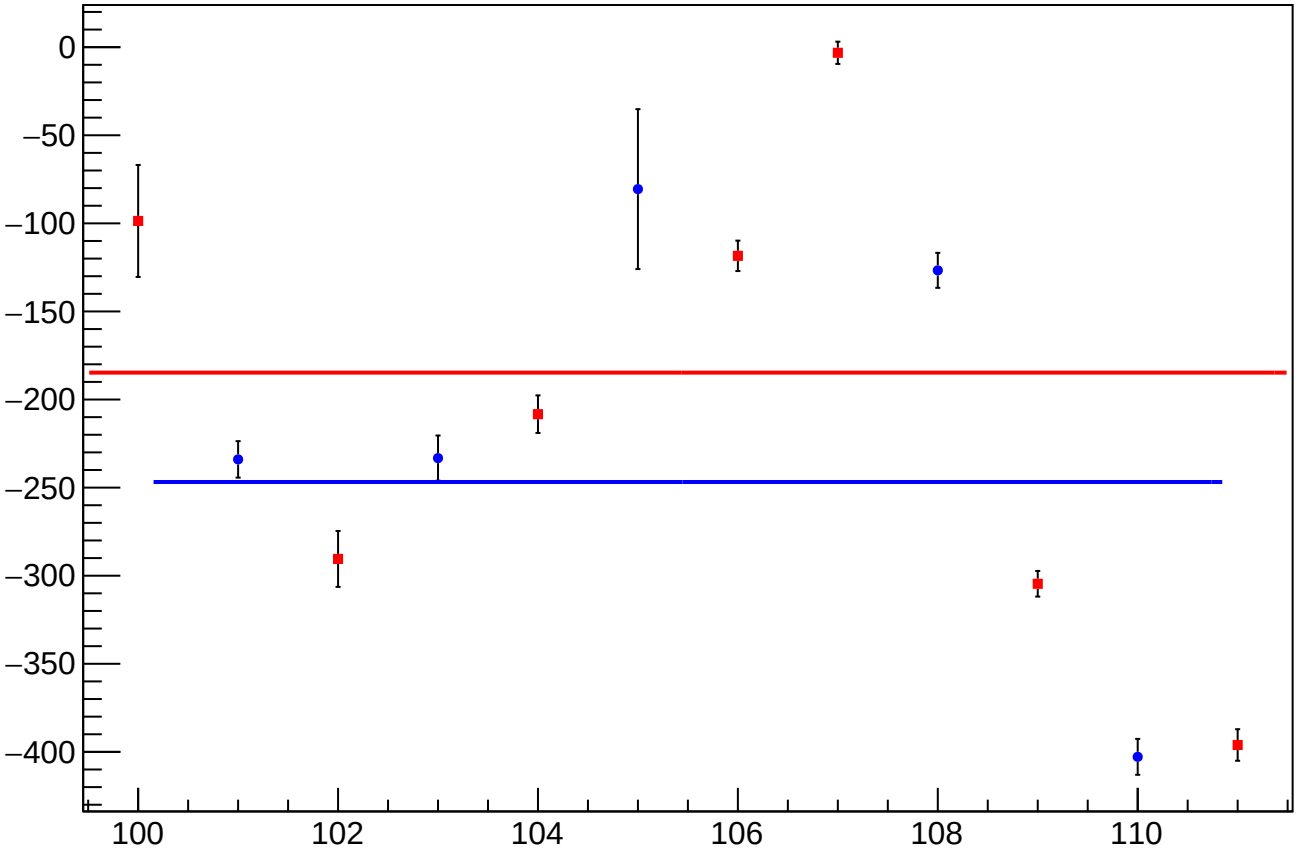
Right Out: -0.171+/-1.836 χ^2/NDF: 138.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-16.974+/-3.173 χ^2/NDF: 65.4/4

-0.171+/-1.836 χ^2/NDF: 138.0/6

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: -246.808+/-5.295 χ^2/NDF: 396.9/4

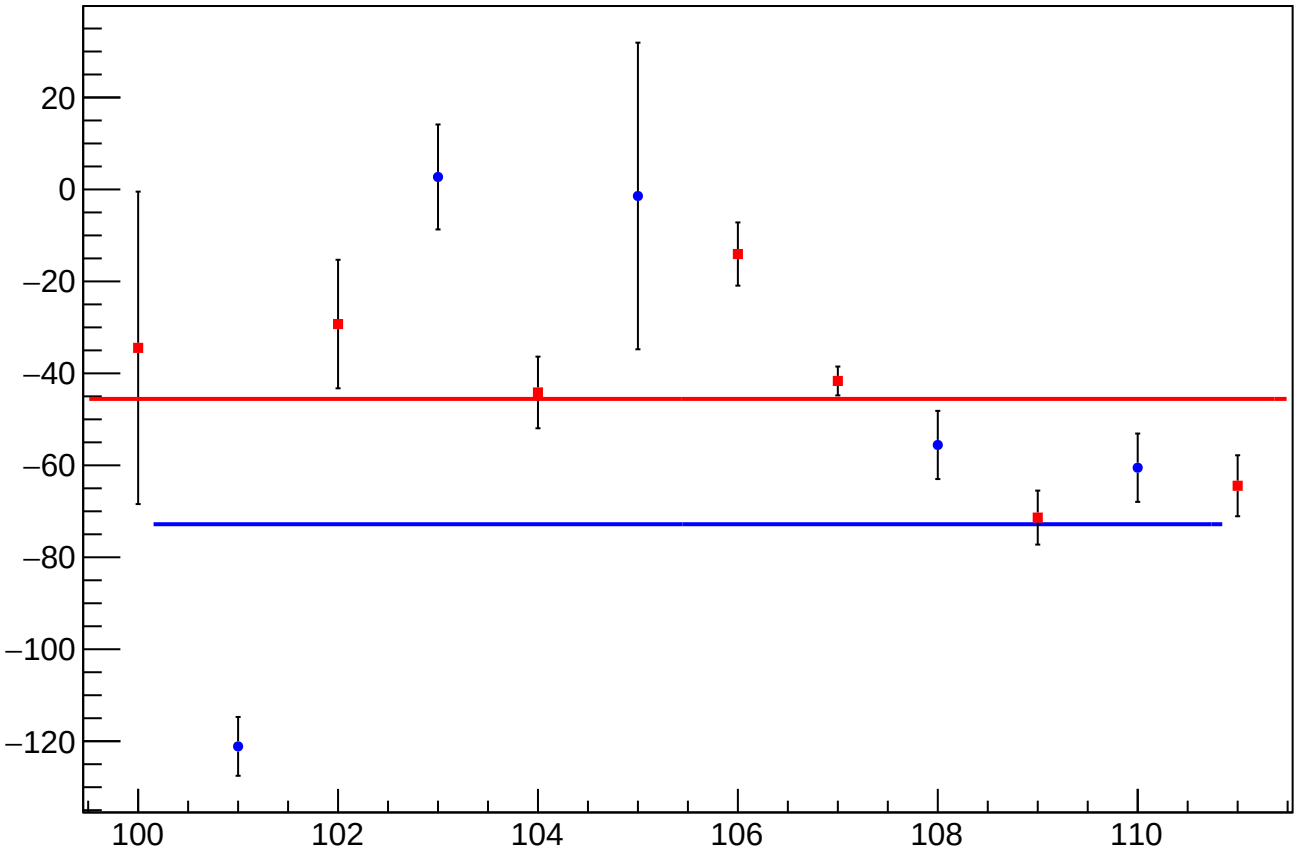
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -184.731+/-3.459 χ^2/NDF: 1769.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-246.808+/-5.295 χ^2/NDF: 396.9/4

-184.731+/-3.459 χ^2/NDF: 1769.6/6



Right In: -72.809+/-3.799 χ^2/NDF: 113.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

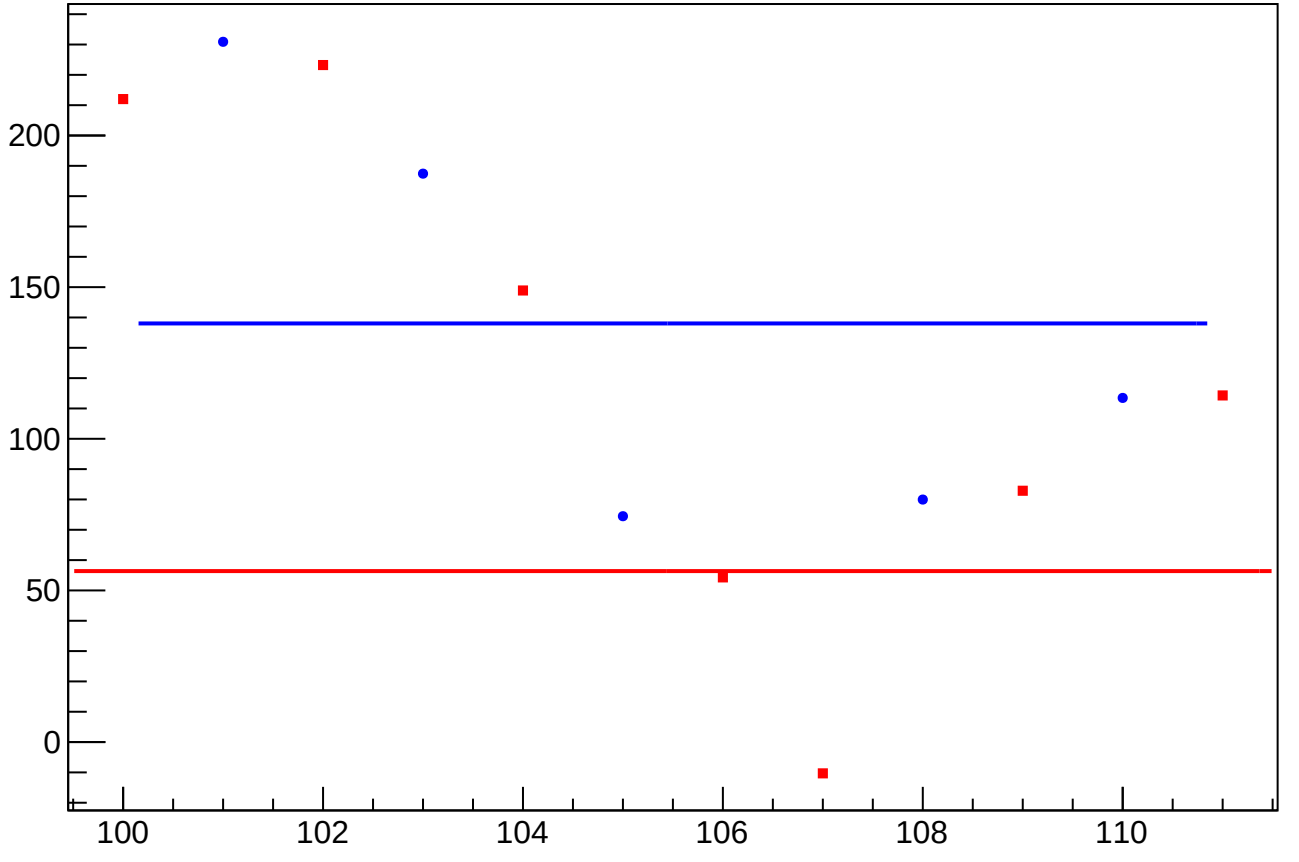
Right Out: -45.555+/-2.254 χ^2/NDF: 51.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-72.809+/-3.799 χ^2/NDF: 113.5/4

-45.555+/-2.254 χ^2/NDF: 51.5/6

reg_asym_atl1r2_dd_diff_bpm12X_slope vs slug



Right In: 138.033+/-0.152 χ^2/NDF: 162025.0/4

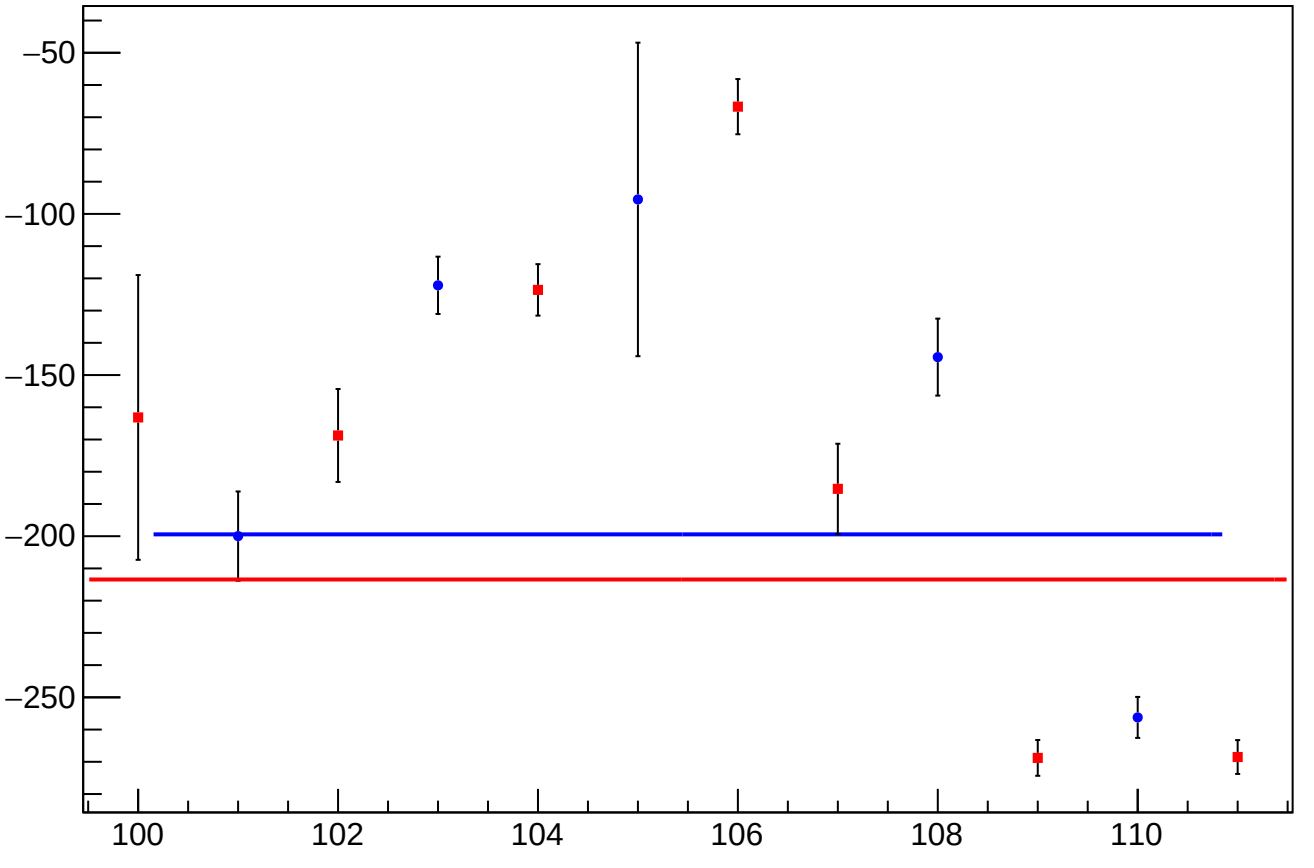
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 56.380+/-0.098 χ^2/NDF: 575831.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

138.033+/-0.152 χ^2/NDF: 162025.0/4

56.380+/-0.098 χ^2/NDF: 575831.9/6



Right In: -199.430+/-4.471 χ^2/NDF: 181.1/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

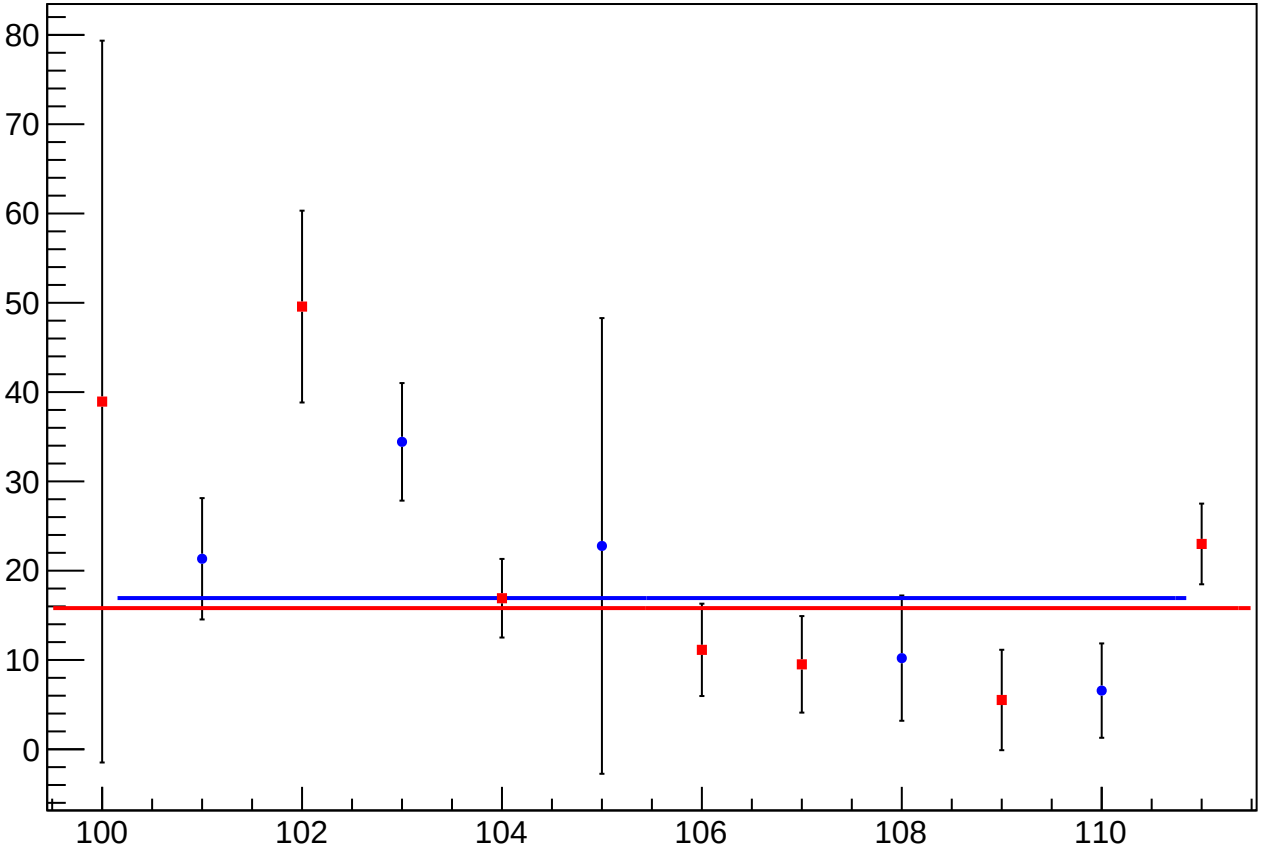
Right Out: -213.432+/-3.036 χ^2/NDF: 644.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-199.430+/-4.471 χ^2/NDF: 181.1/4

-213.432+/-3.036 χ^2/NDF: 644.7/6

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 16.933+/-3.125 χ^2/NDF: 12.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

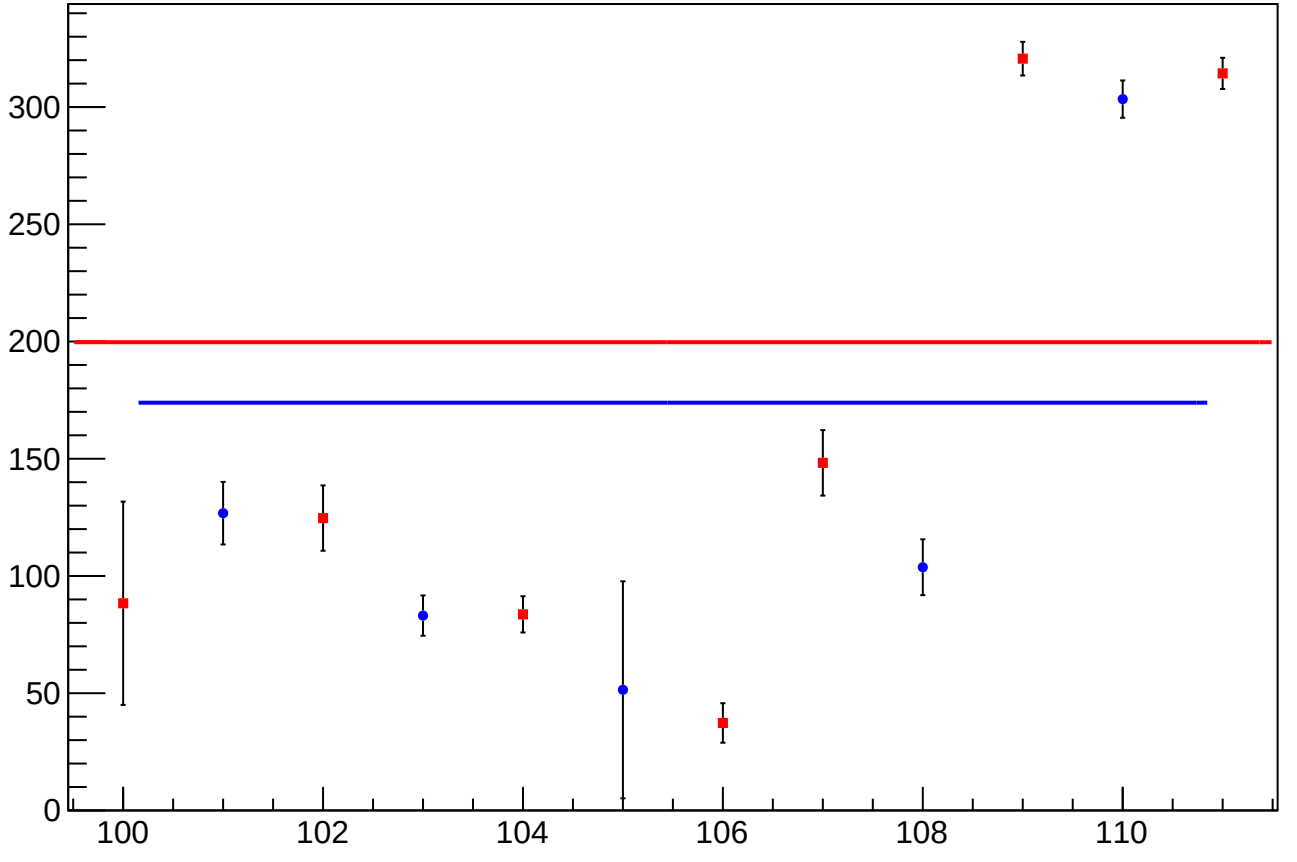
Right Out: 15.809+/-2.166 χ^2/NDF: 18.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

16.933+/-3.125 χ^2/NDF: 12.3/4

15.809+/-2.166 χ^2/NDF: 18.3/6

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: 173.911+/-4.853 χ^2/NDF: 430.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

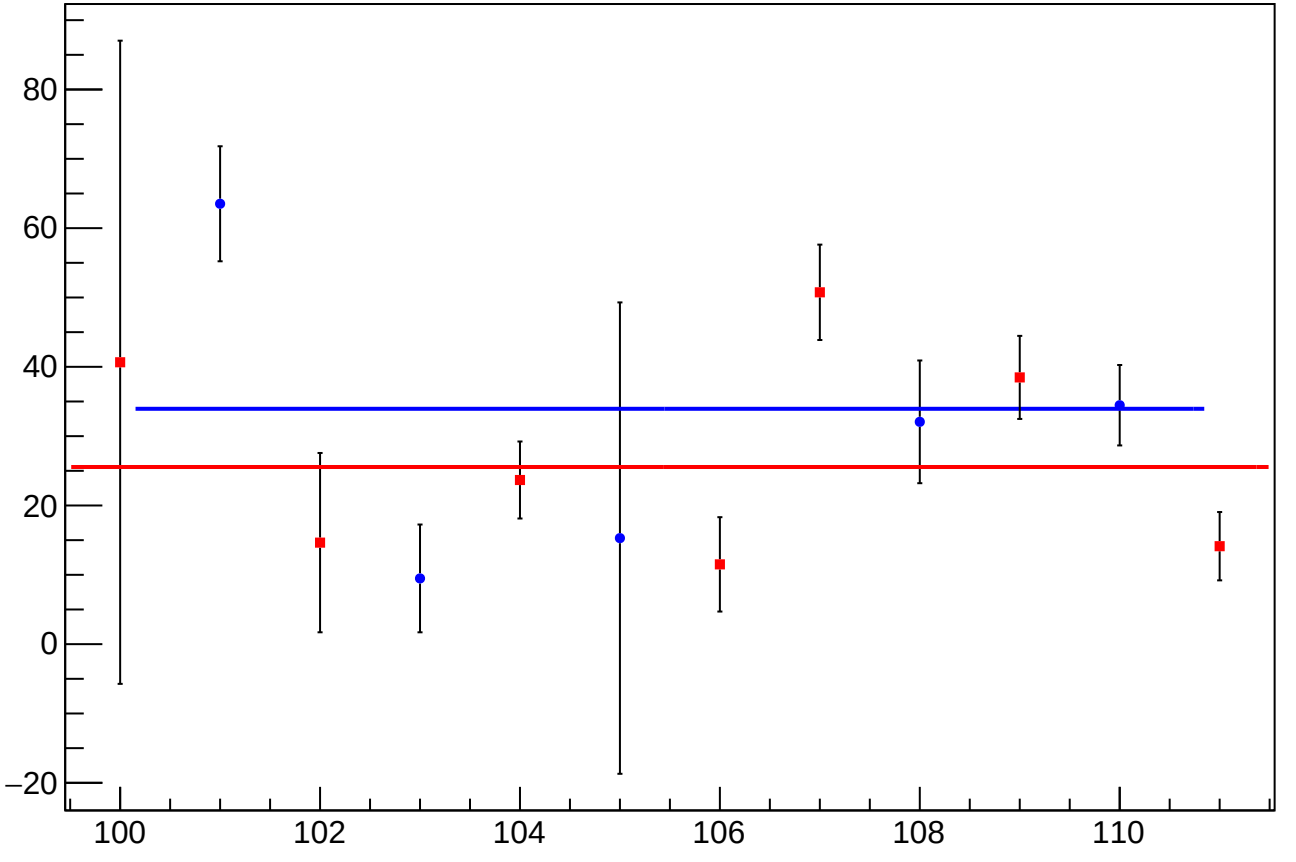
Right Out: 199.699+/-3.458 χ^2/NDF: 1226.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

173.911+/-4.853 χ^2/NDF: 430.5/4

199.699+/-3.458 χ^2/NDF: 1226.8/6

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 33.947+/-3.665 χ^2/NDF: 23.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

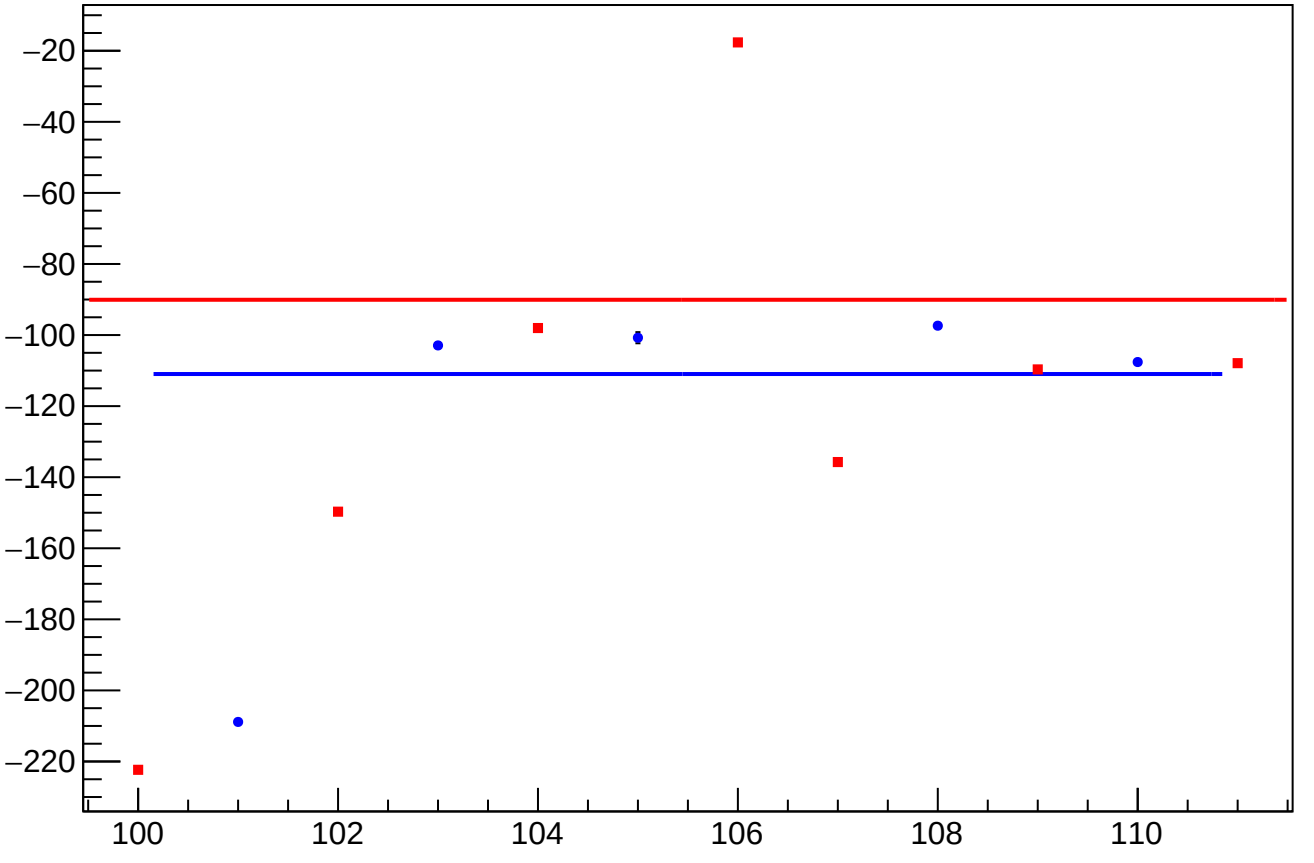
Right Out: 25.551+/-2.577 χ^2/NDF: 28.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

33.947+/-3.665 χ^2/NDF: 23.0/4

25.551+/-2.577 χ^2/NDF: 28.6/6

reg_asym_atr1l2_avg_diff_bpm12X_slope vs slug



Right In: -110.967+/-0.139 χ^2/NDF: 45959.9/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

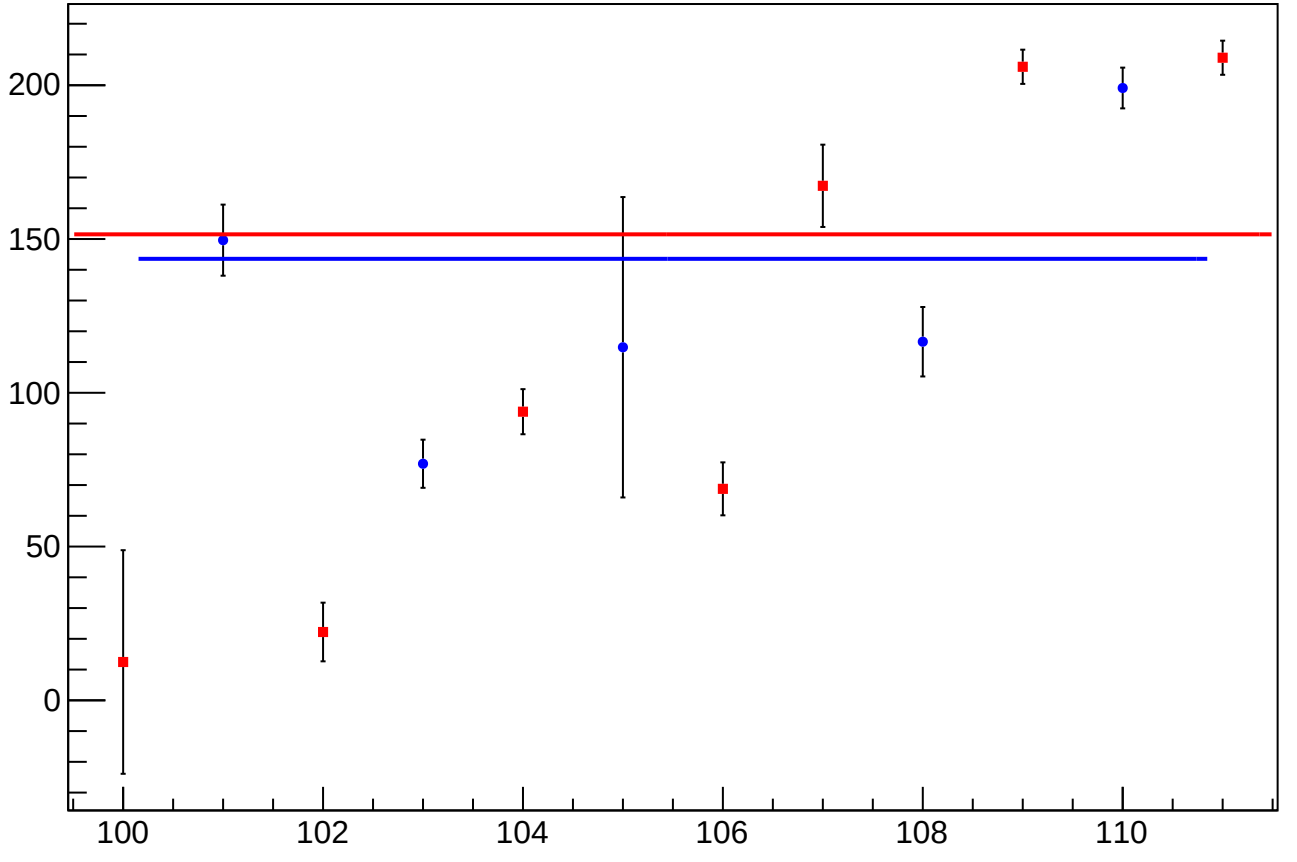
Right Out: -90.072+/-0.106 χ^2/NDF: 193182.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-110.967+/-0.139 χ^2/NDF: 45959.9/4

-90.072+/-0.106 χ^2/NDF: 193182.6/6

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 143.558+/-4.270 χ^2/NDF: 149.1/4

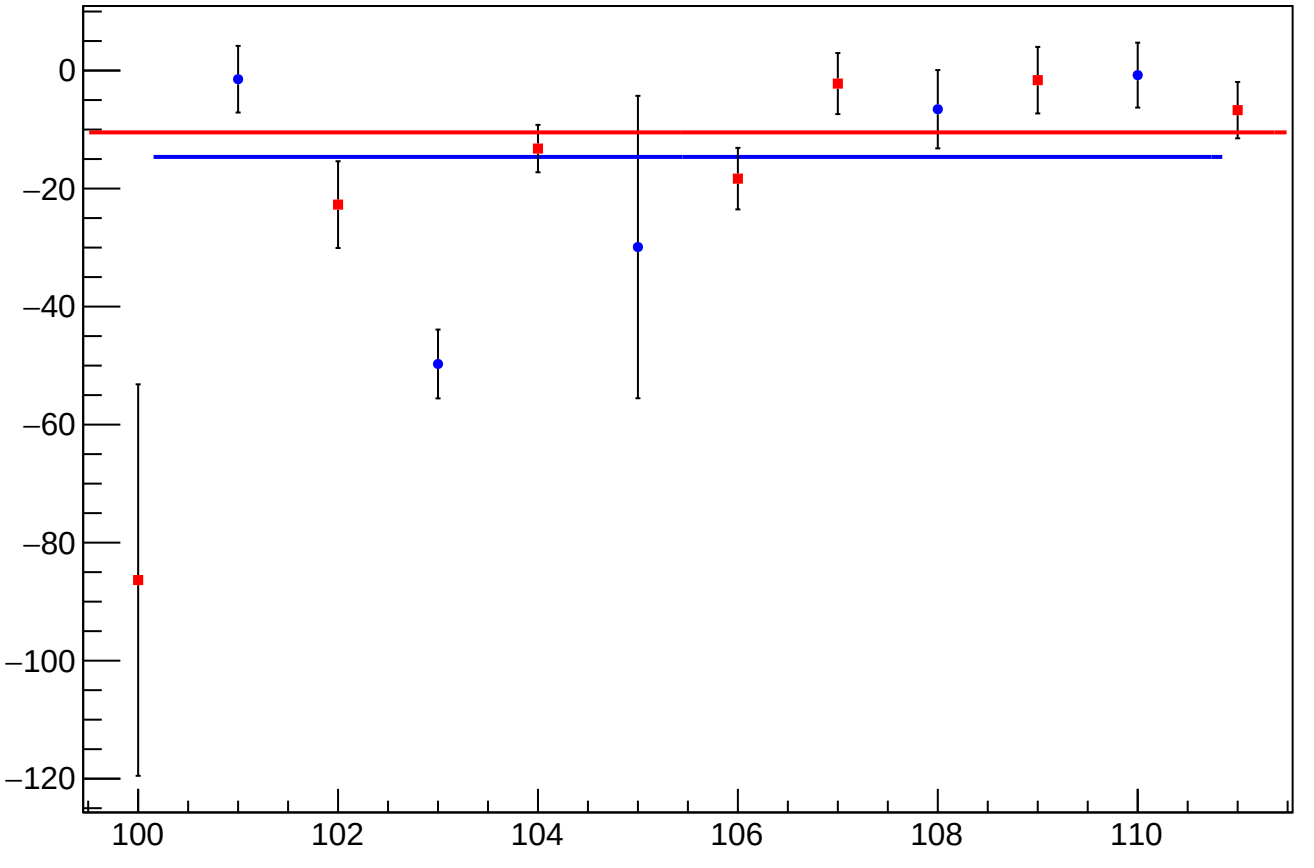
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 151.522+/-2.959 χ^2/NDF: 557.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

143.558+/-4.270 χ^2/NDF: 149.1/4

151.522+/-2.959 χ^2/NDF: 557.1/6



Right In: -14.638+/-2.910 χ^2/NDF: 49.8/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

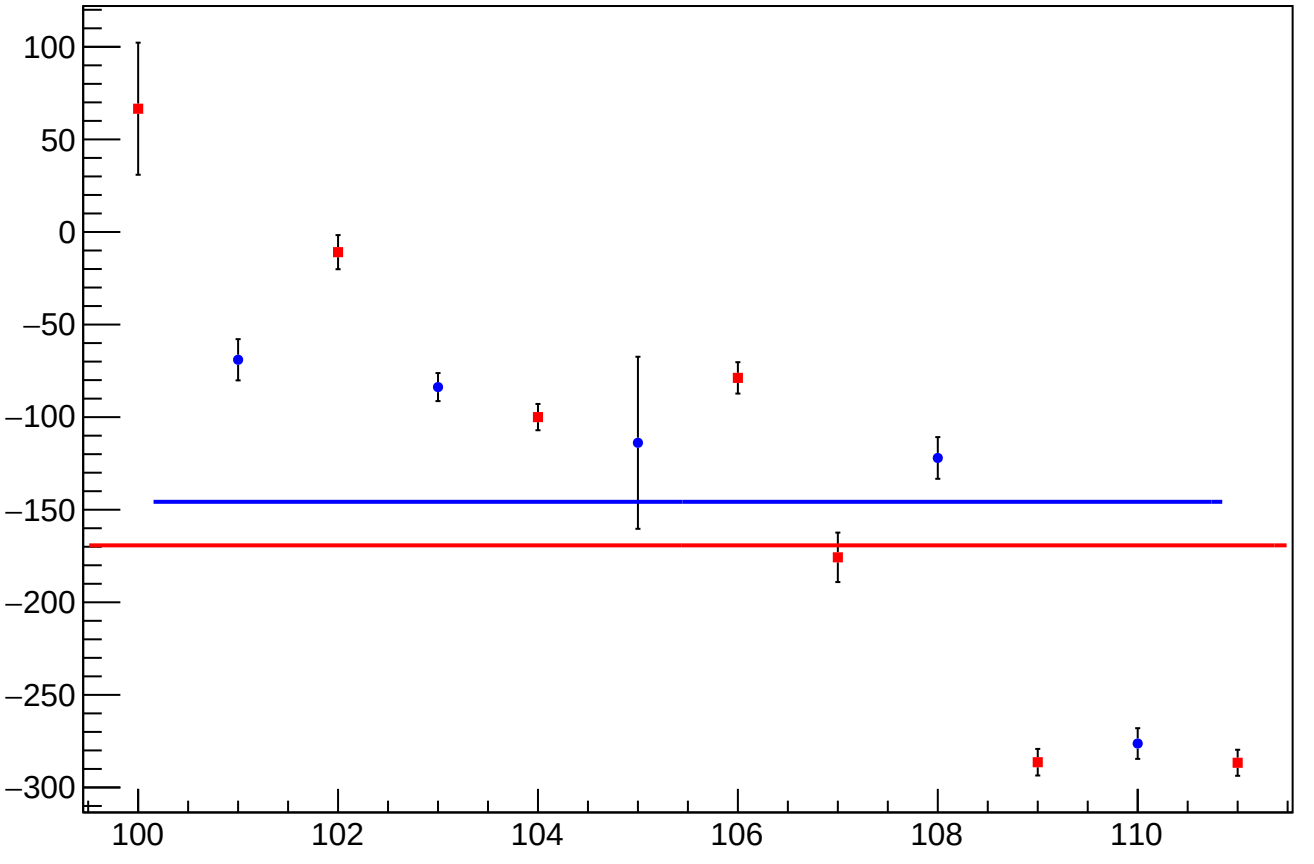
Right Out: -10.482+/-2.081 χ^2/NDF: 16.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-14.638+/-2.910 χ^2/NDF: 49.8/4

-10.482+/-2.081 χ^2/NDF: 16.4/6

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: -145.725+/-4.544 χ^2/NDF: 367.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

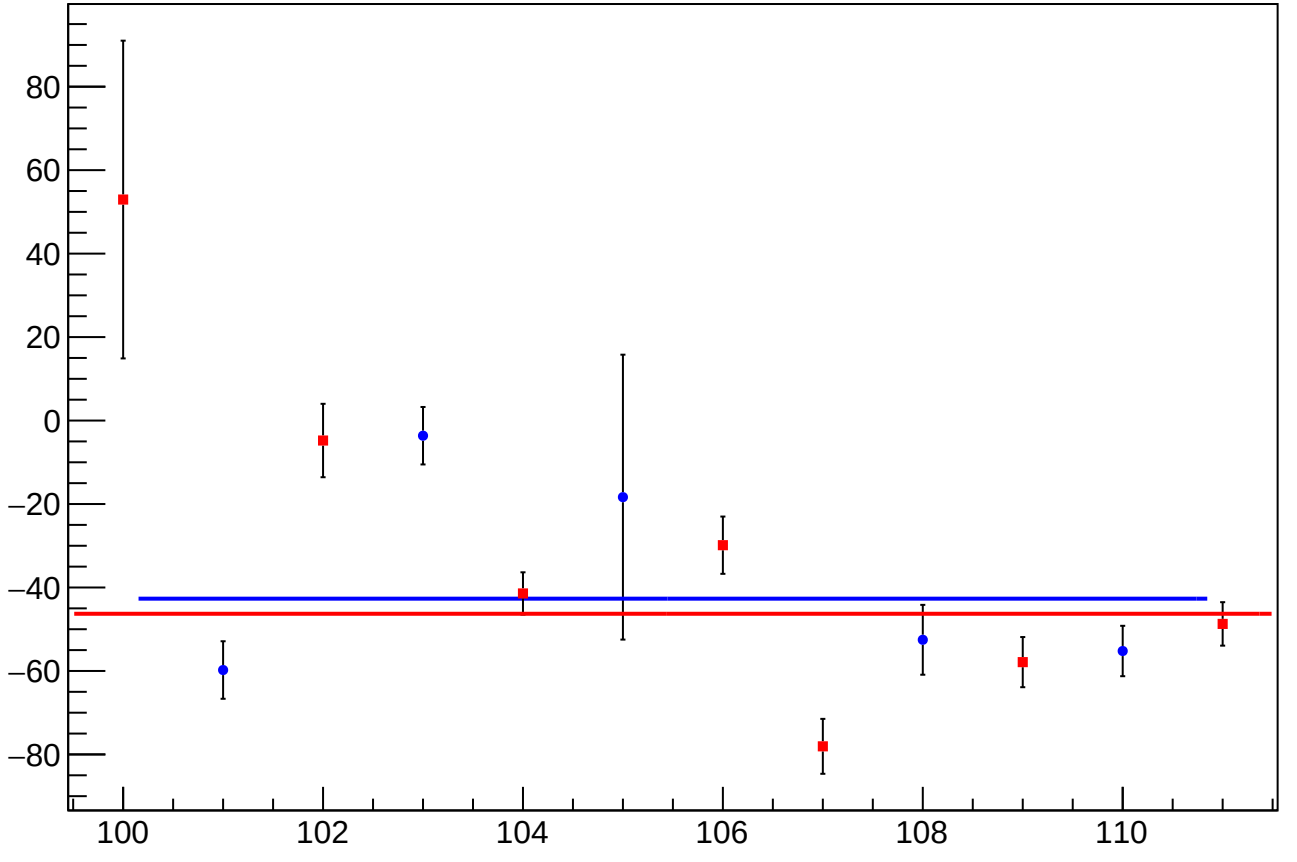
Right Out: -169.247+/-3.305 χ^2/NDF: 1093.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-145.725+/-4.544 χ^2/NDF: 367.6/4

-169.247+/-3.305 χ^2/NDF: 1093.0/6

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -42.677+/-3.436 χ^2/NDF: 44.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

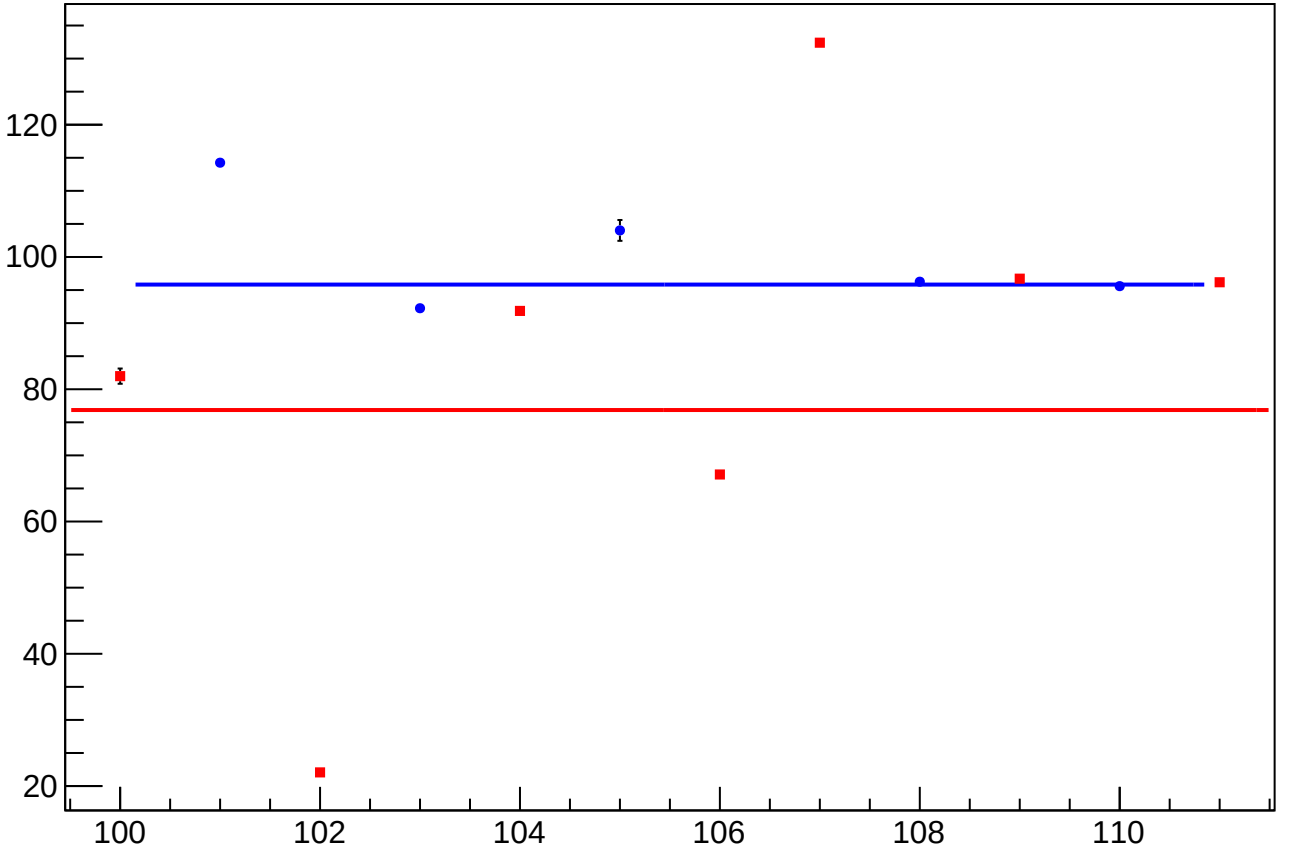
Right Out: -46.295+/-2.488 χ^2/NDF: 63.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-42.677+/-3.436 χ^2/NDF: 44.5/4

-46.295+/-2.488 χ^2/NDF: 63.0/6

reg_asym_atr1l2_dd_diff_bpm12X_slope vs slug



Right In: 95.829+/-0.127 χ^2/NDF: 2603.4/4

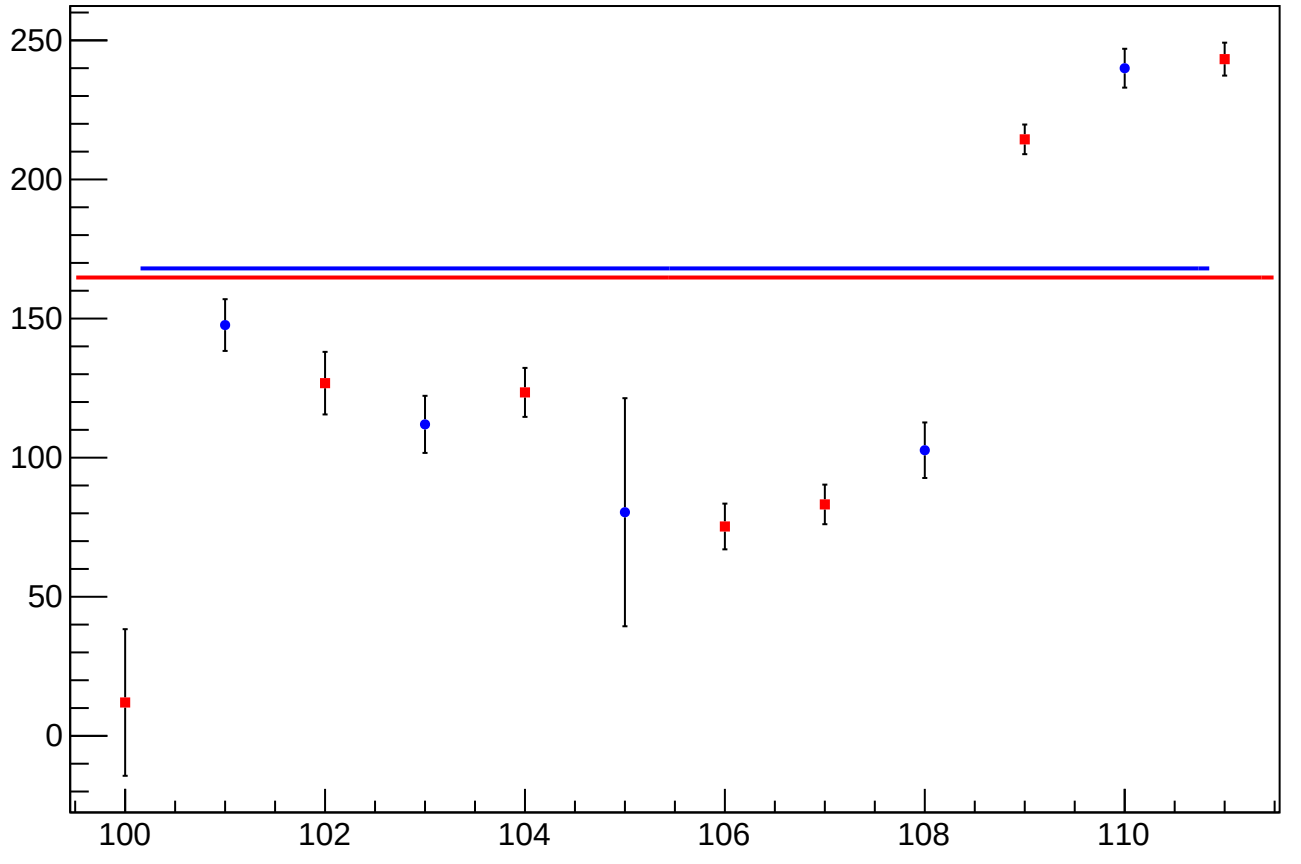
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 76.859+/-0.097 χ^2/NDF: 115726.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

95.829+/-0.127 χ^2/NDF: 2603.4/4

76.859+/-0.097 χ^2/NDF: 115726.0/6



Right In: 168.024+/-4.377 χ^2/NDF: 188.3/4

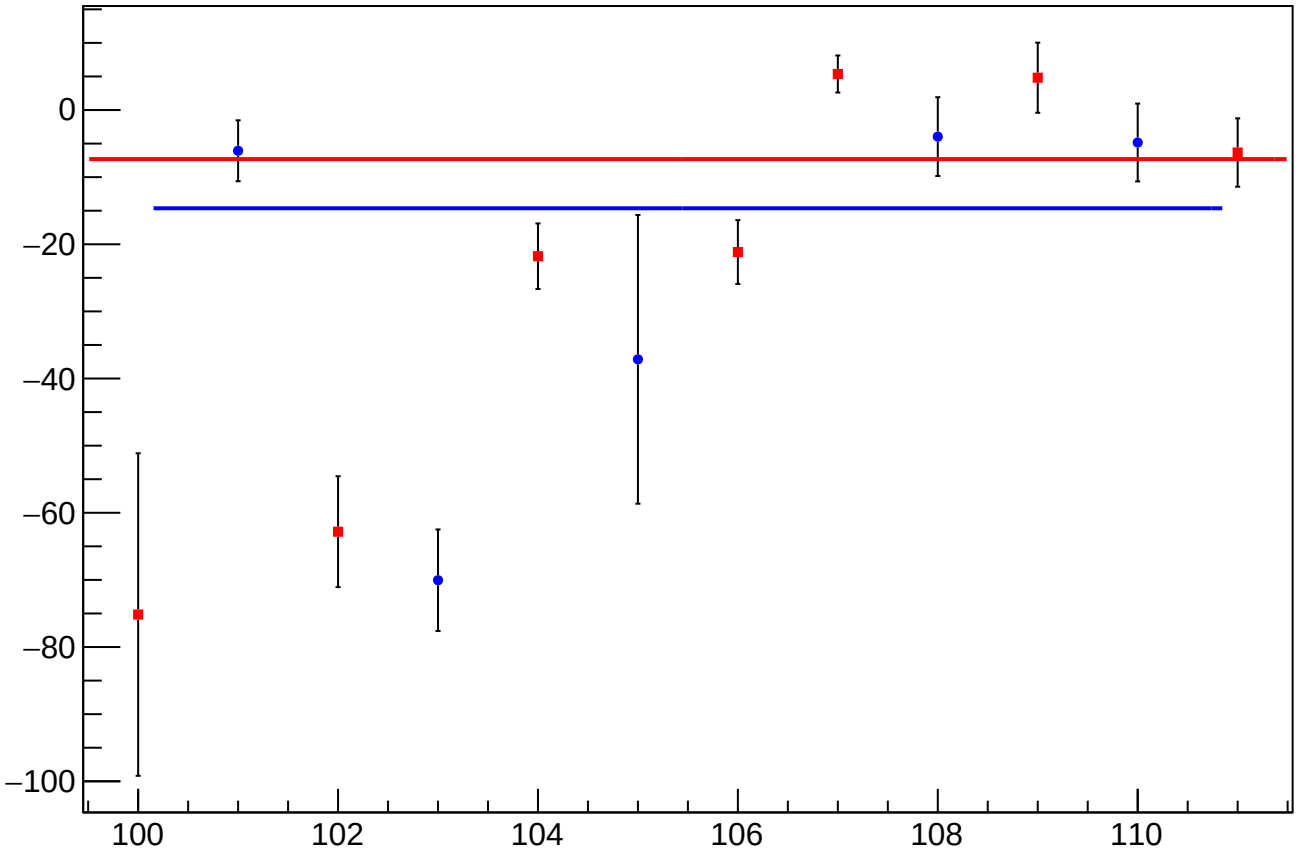
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 164.755+/-2.880 χ^2/NDF: 579.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

168.024+/-4.377 χ^2/NDF: 188.3/4

164.755+/-2.880 χ^2/NDF: 579.6/6



Right In: -14.640+/-2.807 χ^2/NDF: 64.5/4

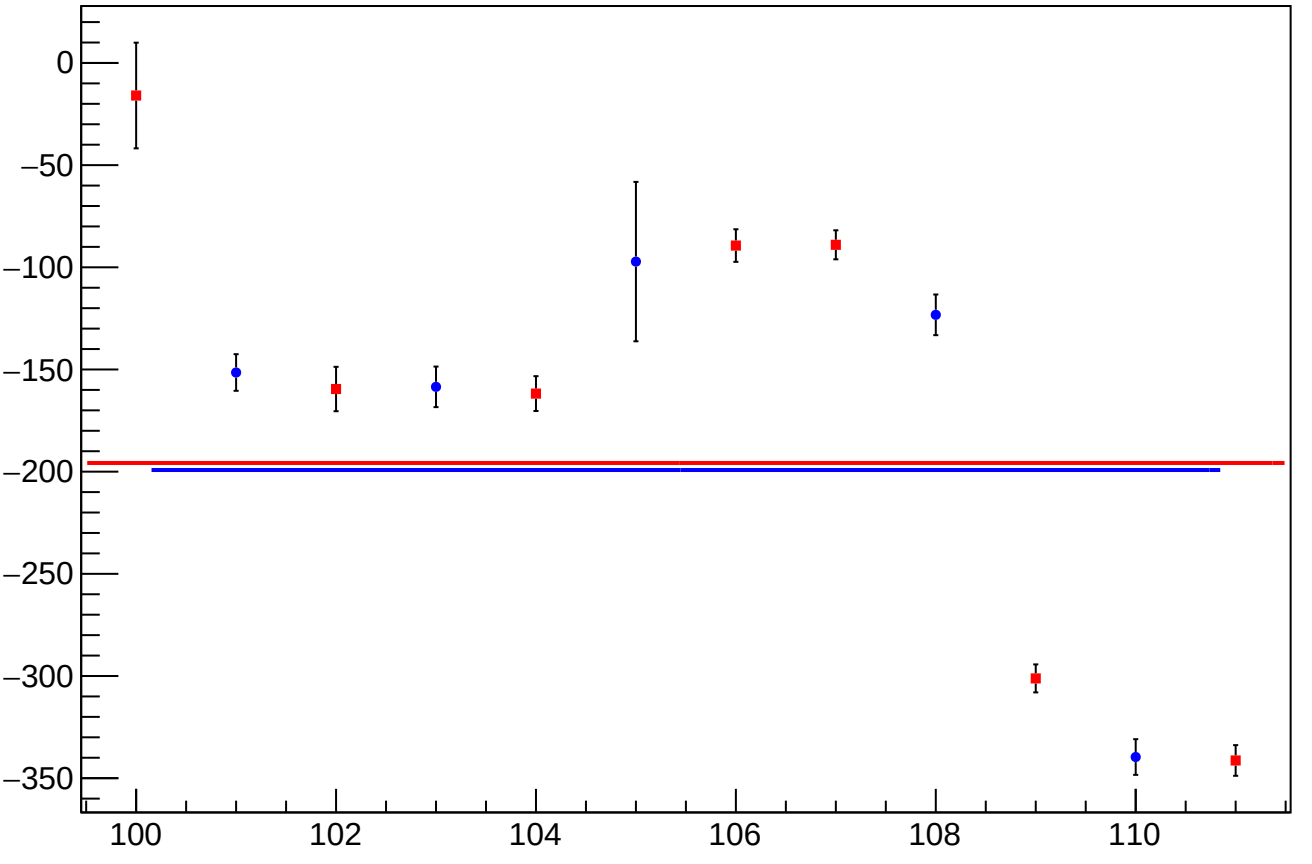
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.310+/-1.798 χ^2/NDF: 96.9/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-14.640+/-2.807 χ^2/NDF: 64.5/4

-7.310+/-1.798 χ^2/NDF: 96.9/6



Right In: -199.196+/-4.639 χ^2/NDF: 368.8/4

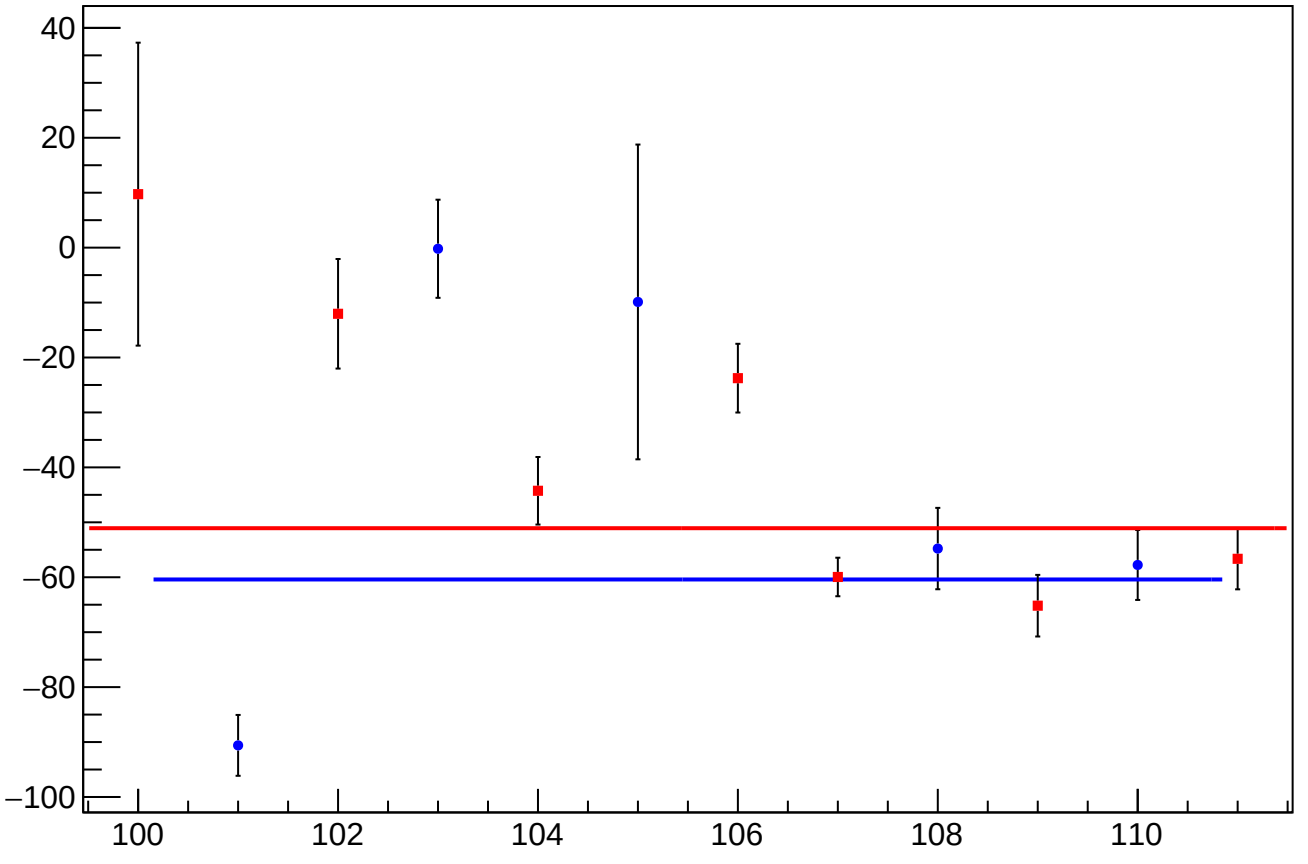
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

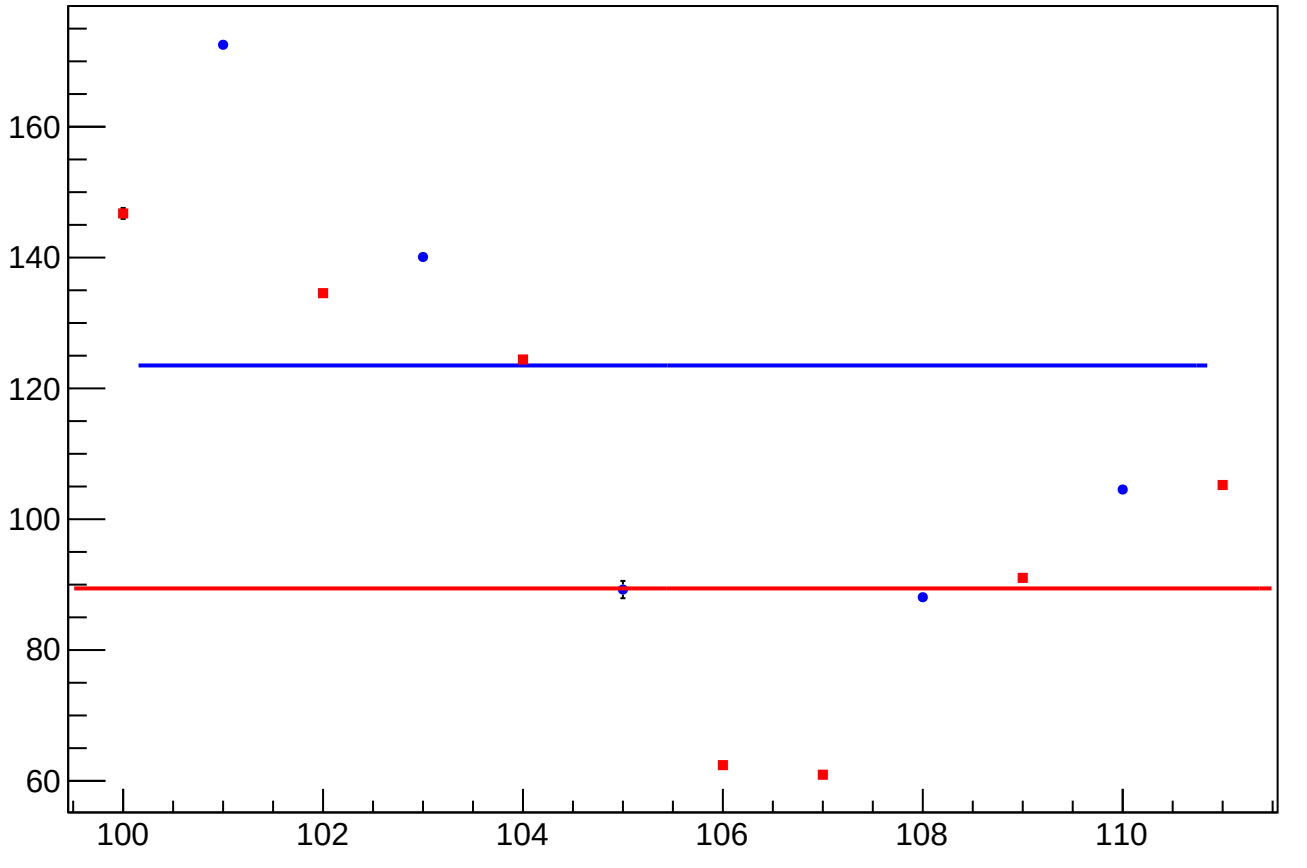
Right Out: -195.753+/-3.189 χ^2/NDF: 1092.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-199.196+/-4.639 χ^2/NDF: 368.8/4

-195.753+/-3.189 χ^2/NDF: 1092.4/6


reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs slug
40
20
0
−20
−40
−60
−80
−100
100
102
104
106
108
110
Right In: -60.405+/-3.347 χ²/NDF: 79.0/4
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -51.072+/-2.188 χ²/NDF: 54.2/6
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
-60.405+/-3.347 χ²/NDF: 79.0/4
-51.072+/-2.188 χ²/NDF: 54.2/6



Right In: 123.505+/-0.135 χ^2/NDF: 55669.5/4

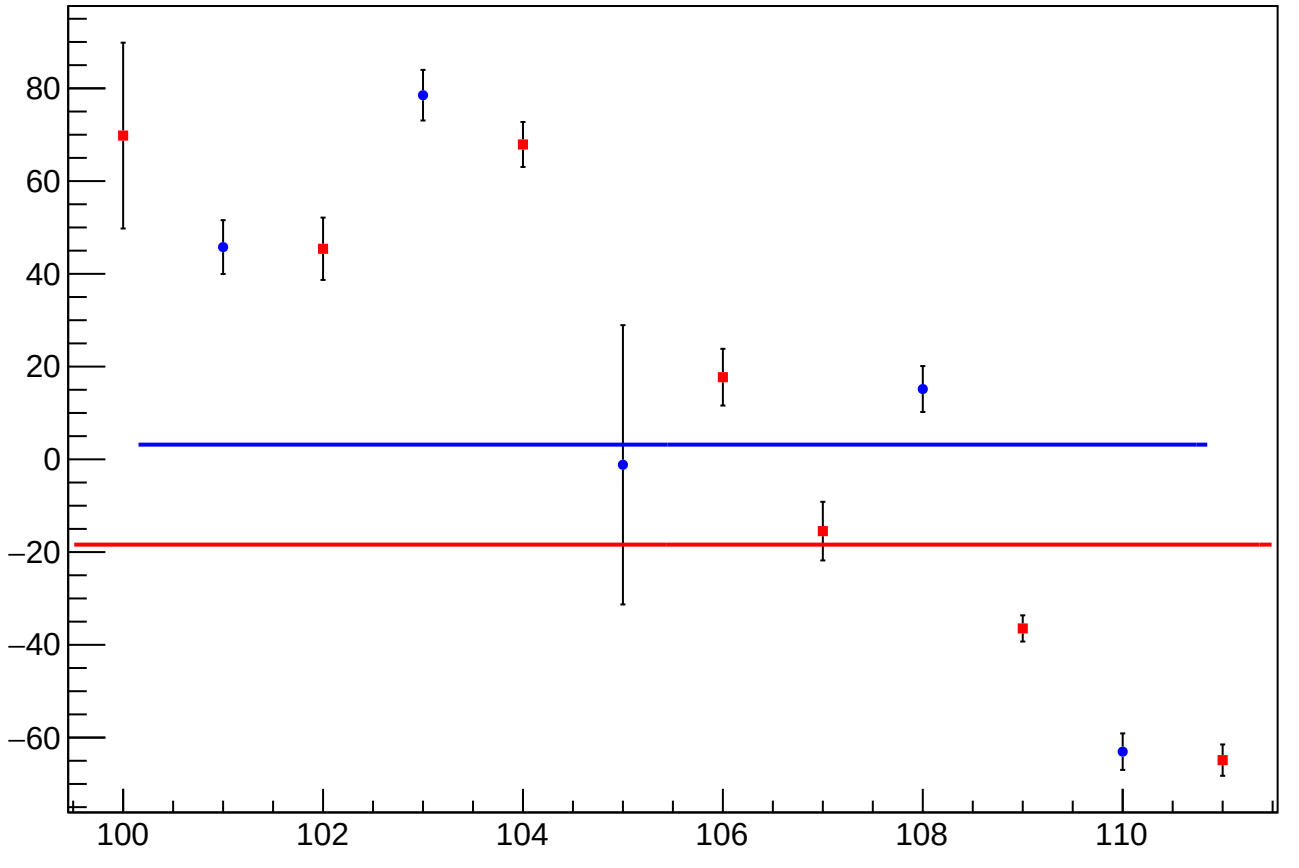
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 89.420+/-0.092 χ^2/NDF: 110829.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

123.505+/-0.135 χ^2/NDF: 55669.5/4

89.420+/-0.092 χ^2/NDF: 110829.4/6



Right In: 3.170+/-2.427 χ^2/NDF: 533.9/4

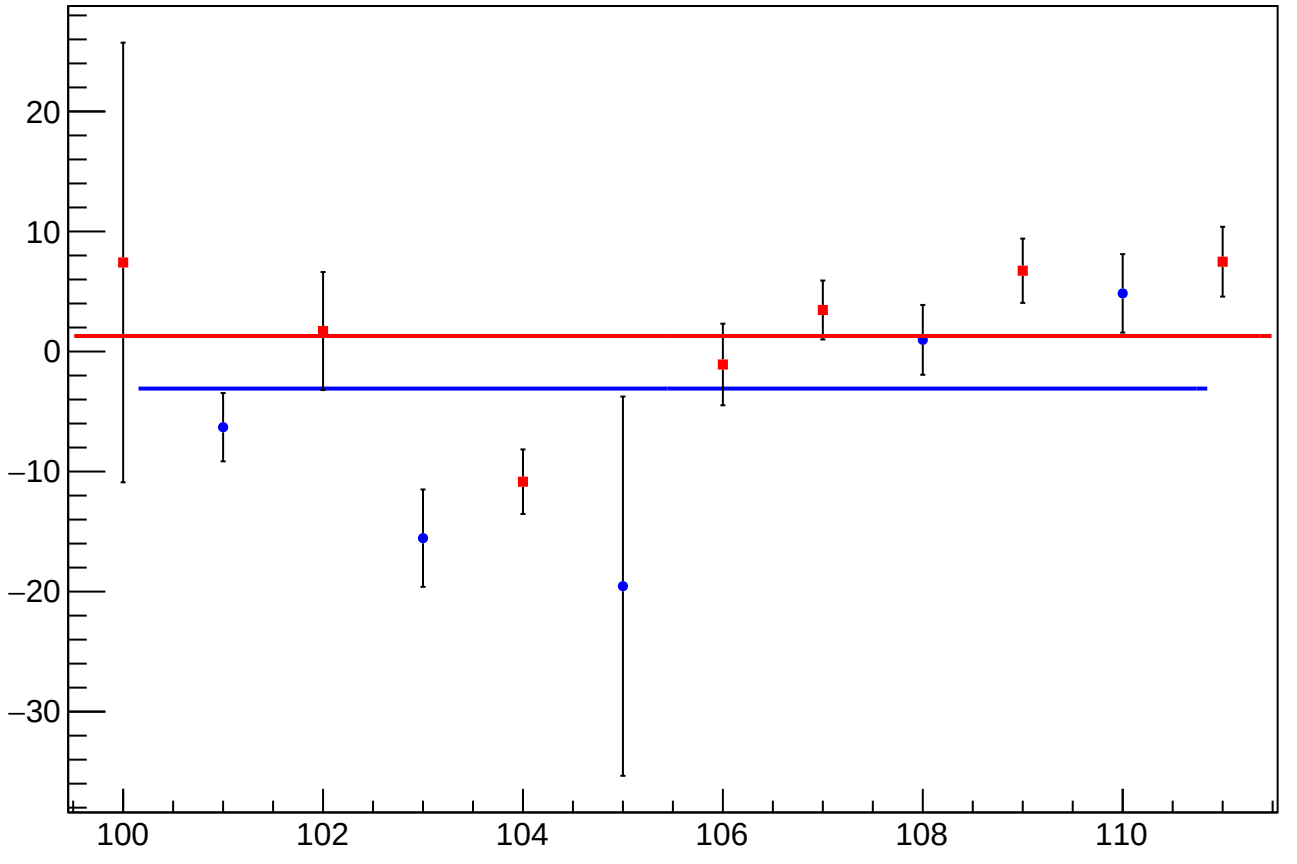
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18.390+/-1.736 χ^2/NDF: 690.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

3.170+/-2.427 χ^2/NDF: 533.9/4

-18.390+/-1.736 χ^2/NDF: 690.7/6



Right In: -3.086+/-1.581 χ^2/NDF: 19.6/4

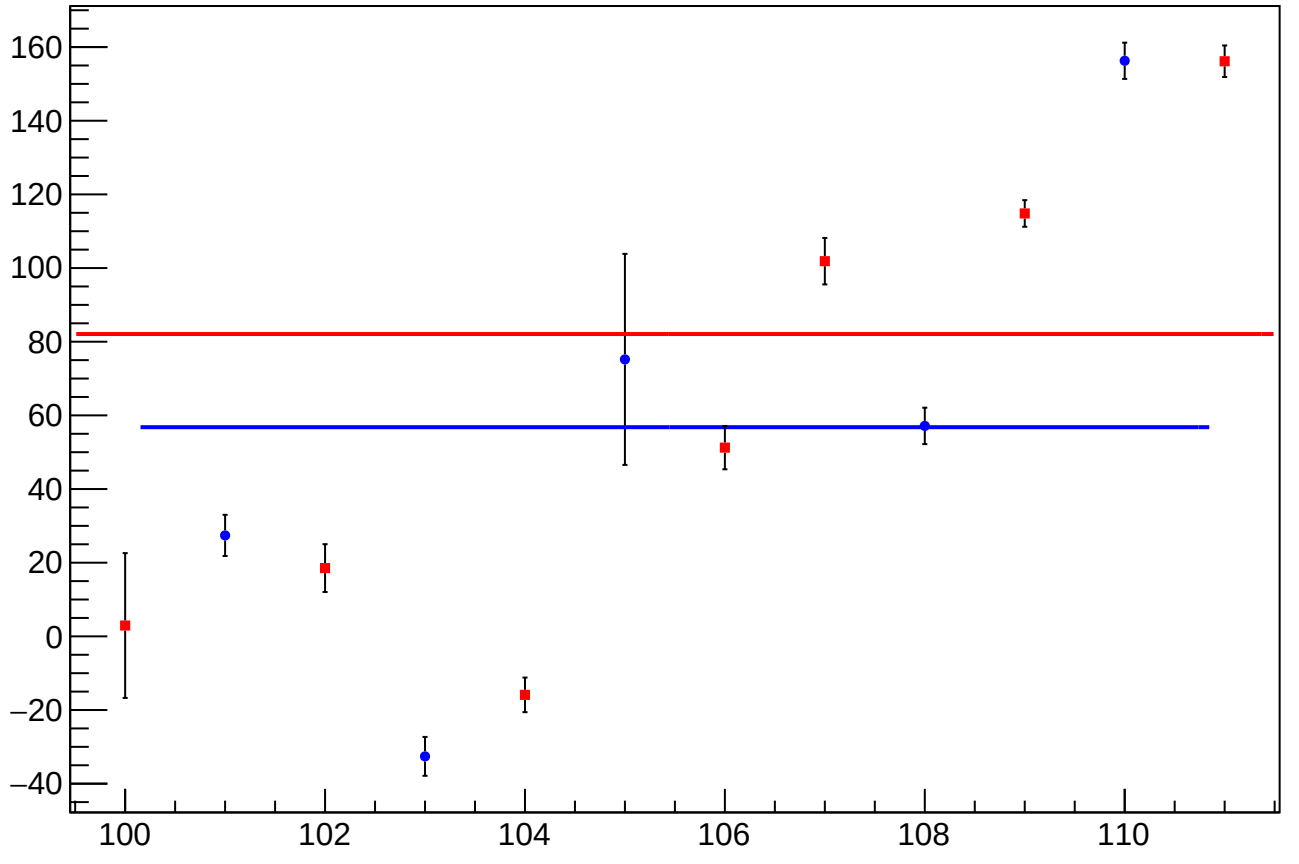
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.293+/-1.201 χ^2/NDF: 30.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-3.086+/-1.581 χ^2/NDF: 19.6/4

1.293+/-1.201 χ^2/NDF: 30.4/6



Right In: 56.792+/-2.570 χ^2/NDF: 724.2/4

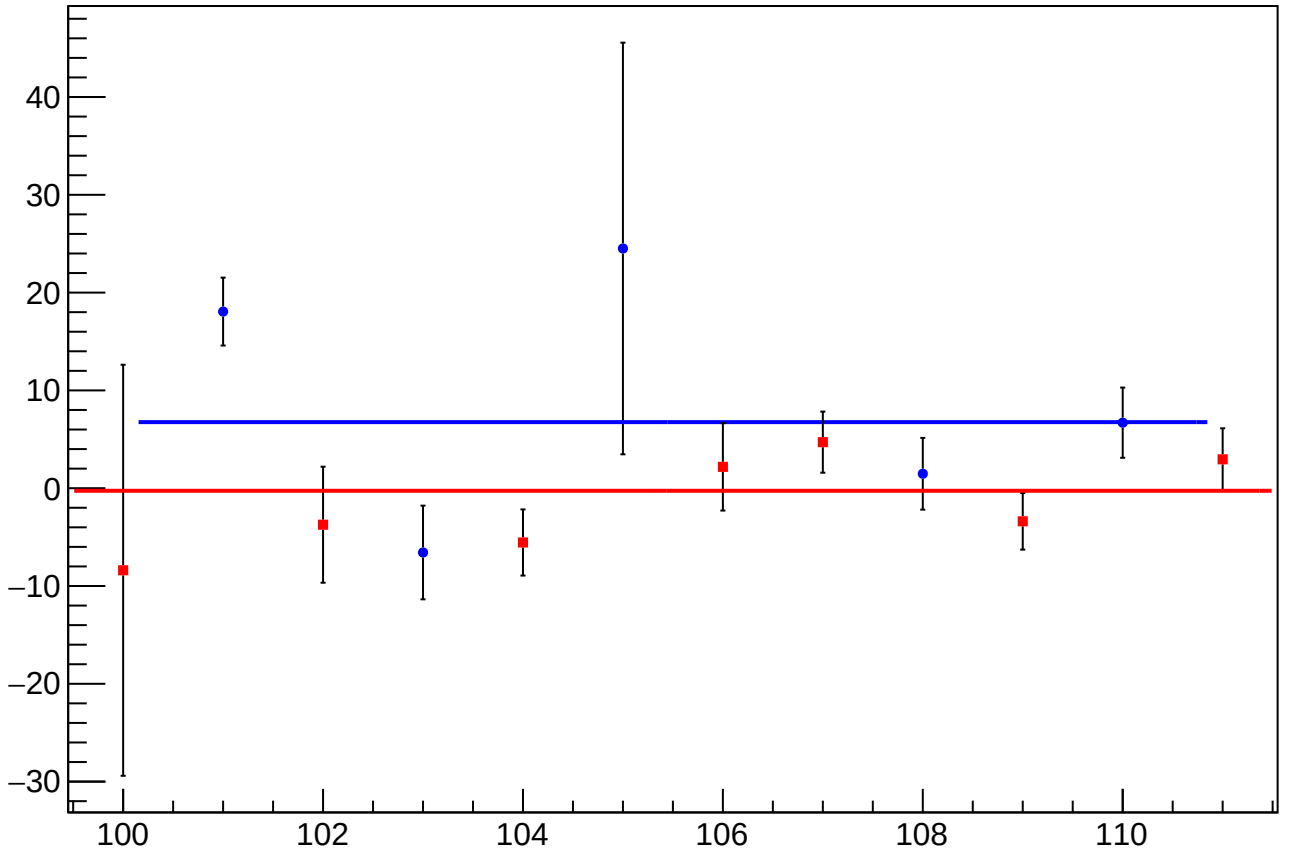
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 82.087+/-1.973 χ^2/NDF: 965.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

56.792+/-2.570 χ^2/NDF: 724.2/4

82.087+/-1.973 χ^2/NDF: 965.1/6



Right In: 6.757+/-1.887 χ^2/NDF: 21.1/4

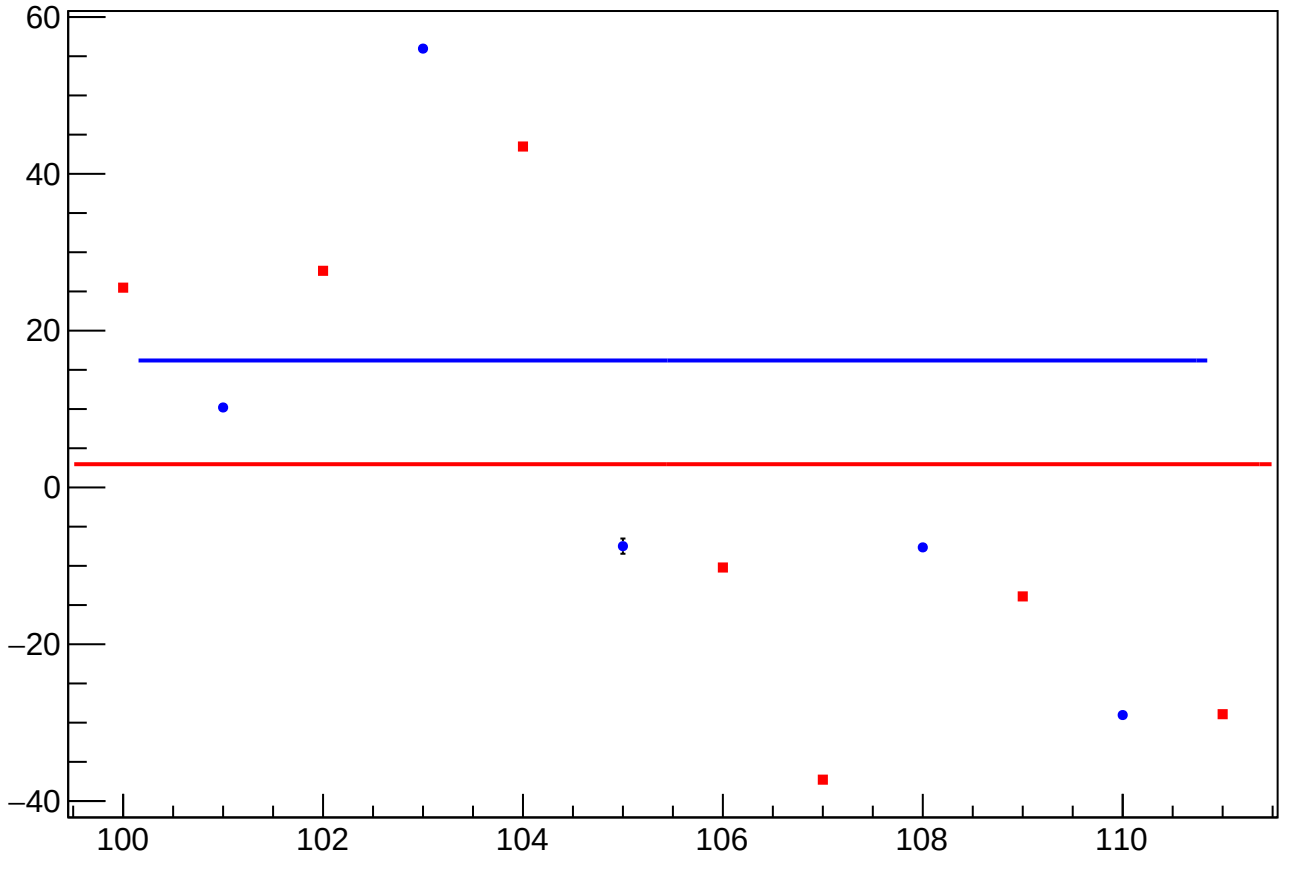
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.263+/-1.430 χ^2/NDF: 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

6.757+/-1.887 χ^2/NDF: 21.1/4

-0.263+/-1.430 χ^2/NDF: 8.0/6



Right In: 16.194+/-0.072 χ^2/NDF: 194547.7/4

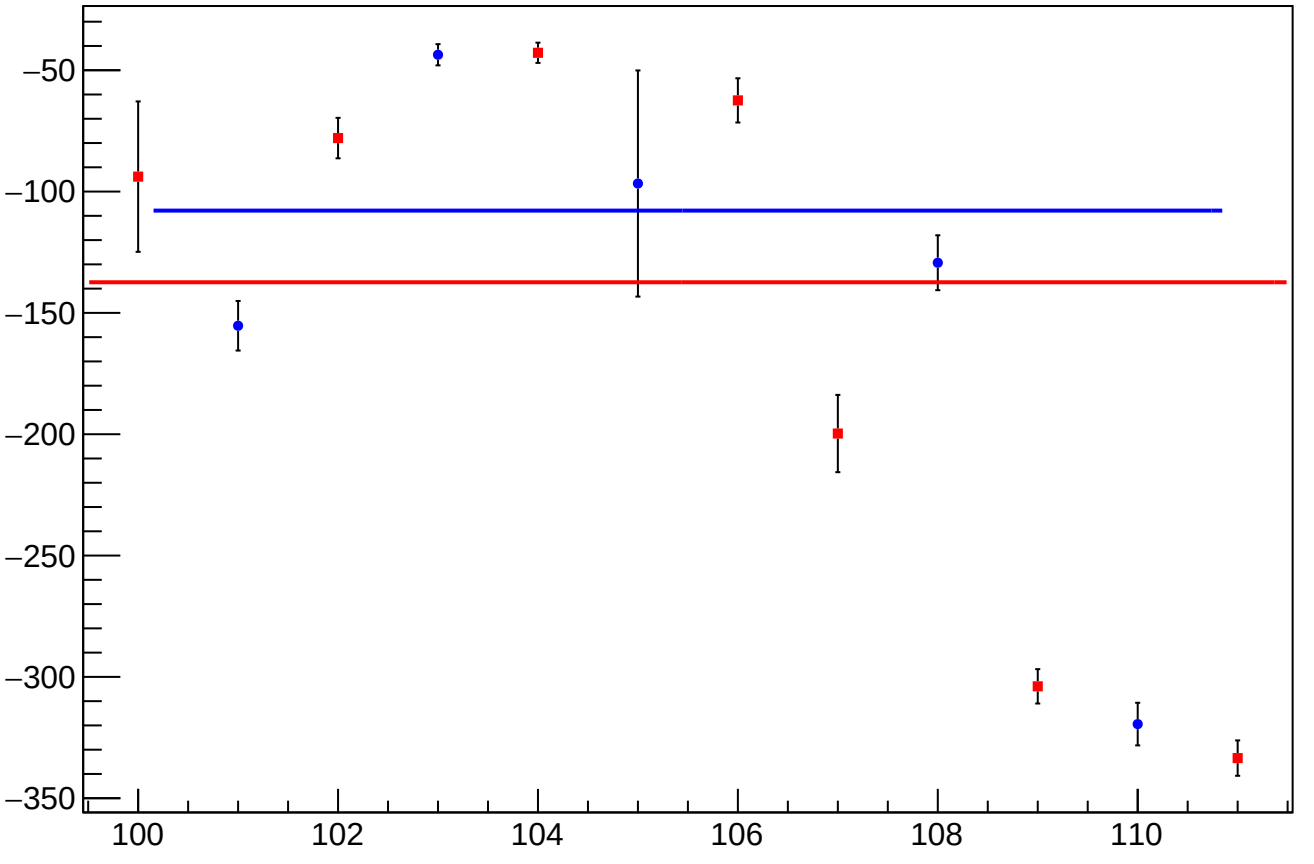
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.965+/-0.061 χ^2/NDF: 264181.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

16.194+/-0.072 χ^2/NDF: 194547.7/4

2.965+/-0.061 χ^2/NDF: 264181.0/6



Right In: -107.846+/-3.468 χ^2/NDF: 821.6/4

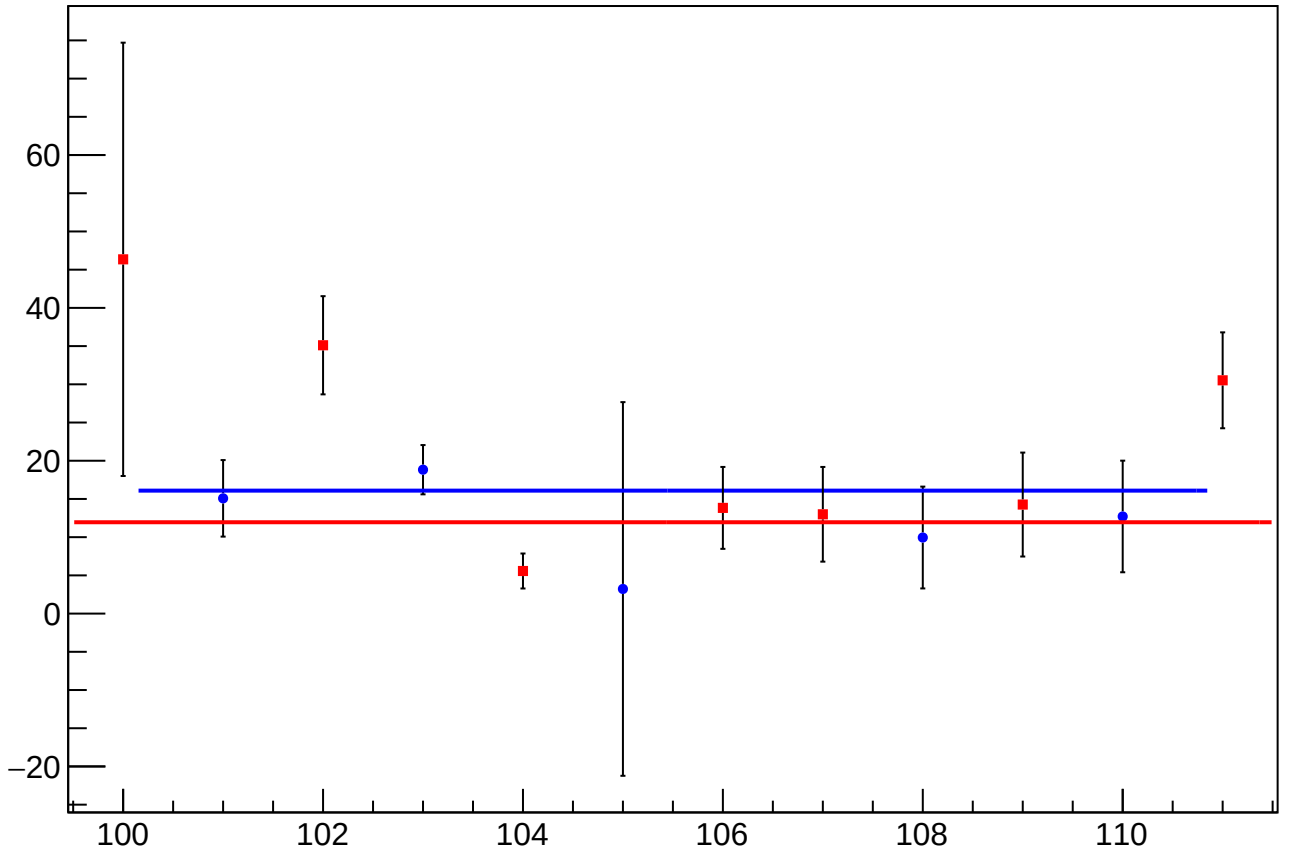
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -137.378+/-2.798 χ^2/NDF: 1926.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-107.846+/-3.468 χ^2/NDF: 821.6/4

-137.378+/-2.798 χ^2/NDF: 1926.7/6



Right In: 16.089+/-2.363 χ^2/NDF: 2.1/4

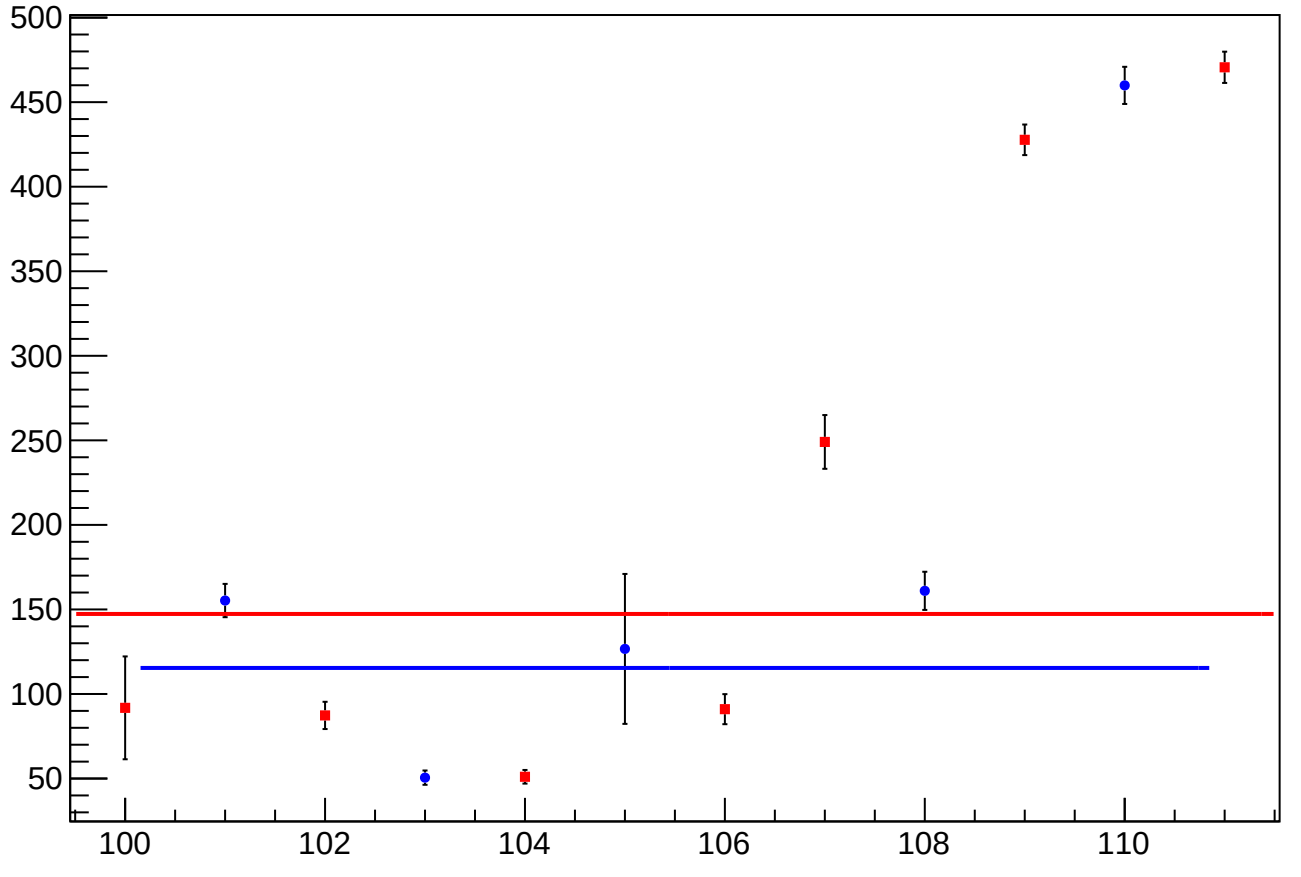
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.952+/-1.756 χ^2/NDF: 31.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

16.089+/-2.363 χ^2/NDF: 2.1/4

11.952+/-1.756 χ^2/NDF: 31.3/6



Right In: 115.402+/-3.473 χ^2/NDF: 1251.8/4

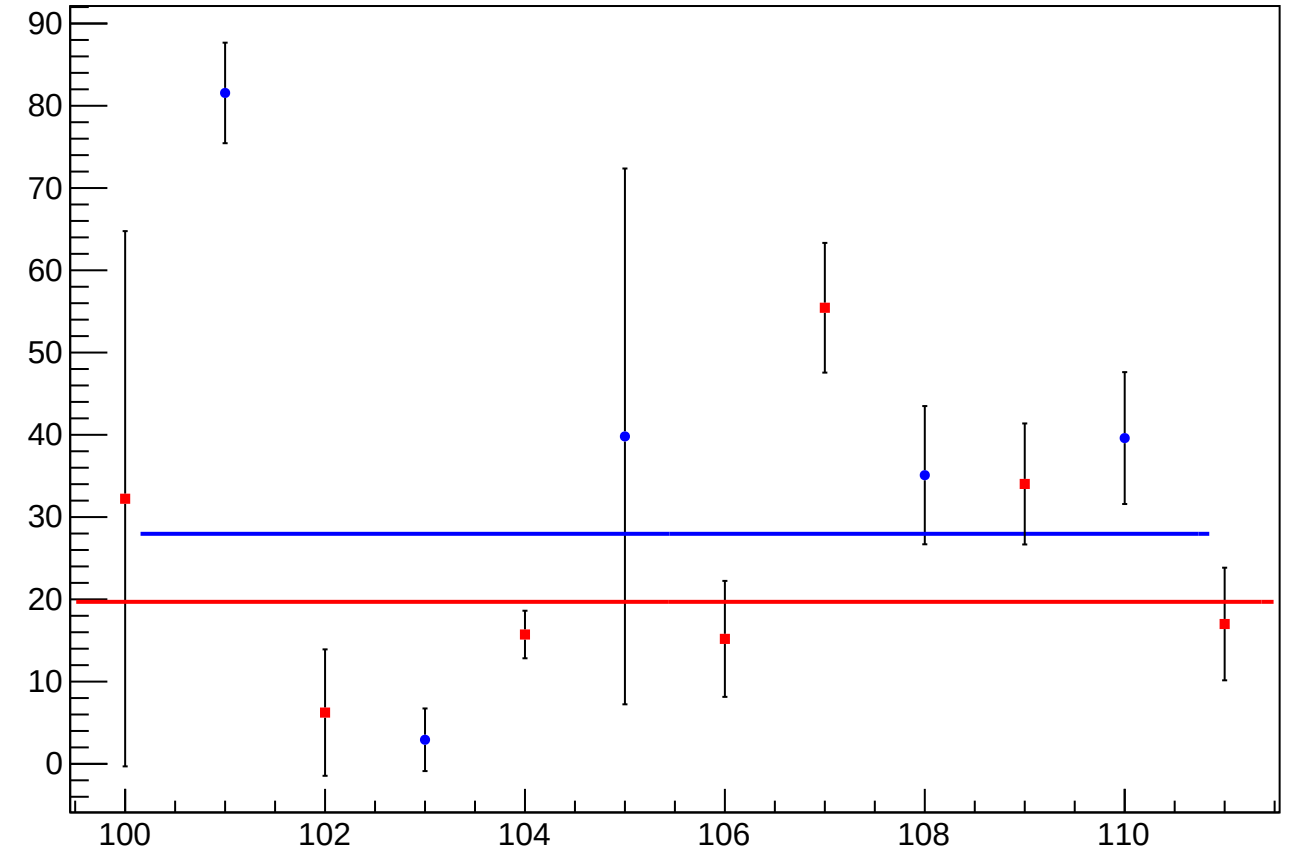
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 147.331+/-2.905 χ^2/NDF: 2894.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

115.402+/-3.473 χ^2/NDF: 1251.8/4

147.331+/-2.905 χ^2/NDF: 2894.4/6



Right In: 27.966+/-2.812 χ^2/NDF: 123.2/4

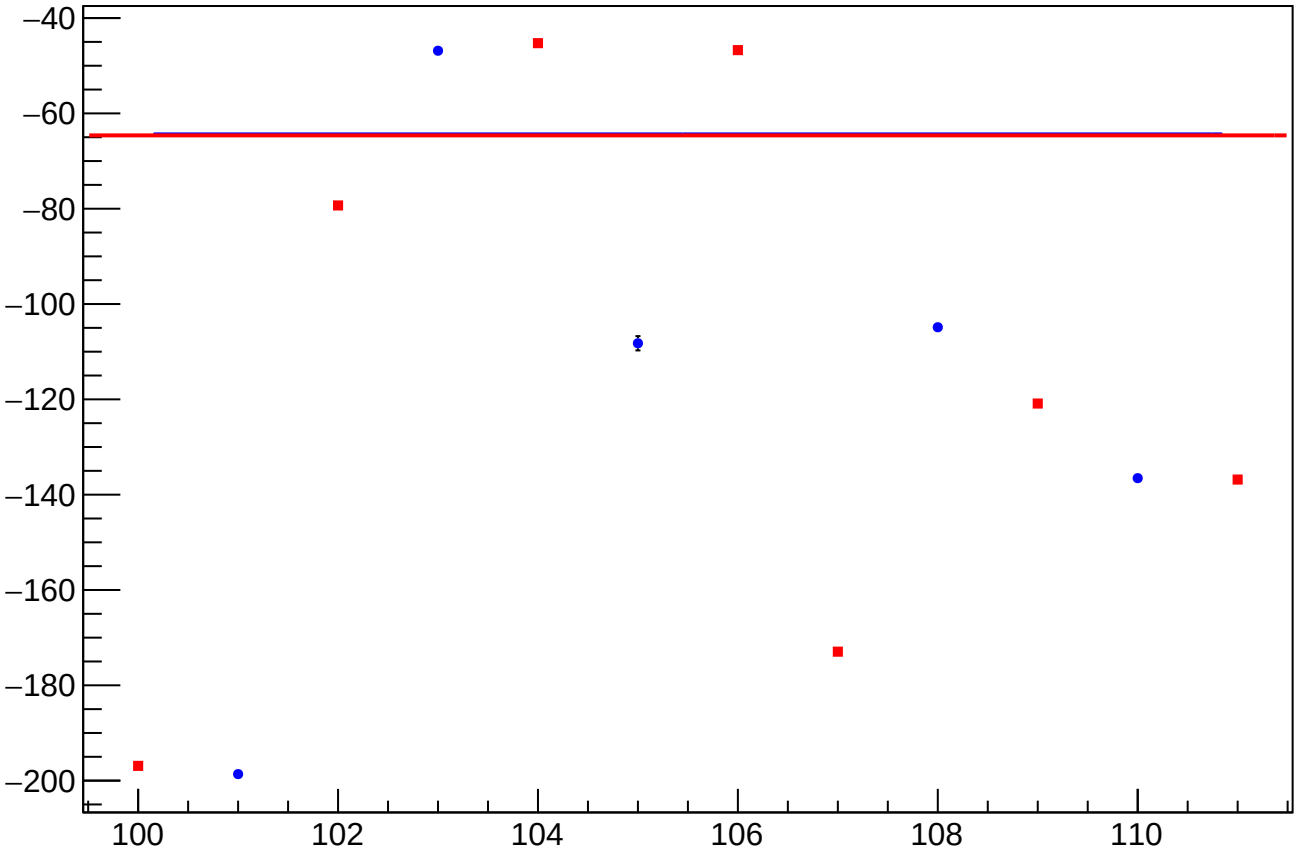
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19.696+/-2.163 χ^2/NDF: 30.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

27.966+/-2.812 χ^2/NDF: 123.2/4

19.696+/-2.163 χ^2/NDF: 30.0/6



Right In: -64.408+/-0.085 χ^2/NDF: 221270.8/4

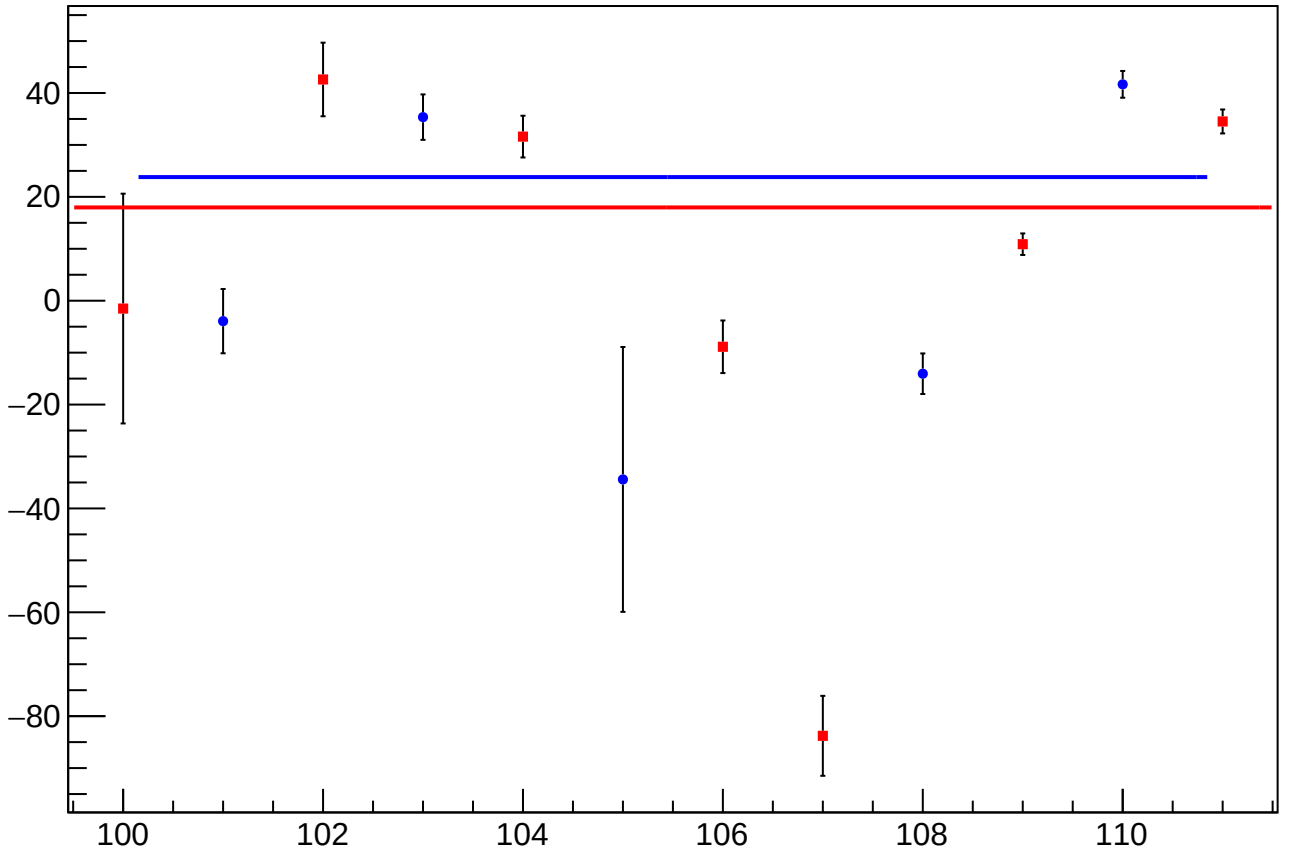
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -64.615+/-0.078 χ^2/NDF: 205493.8/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-64.408+/-0.085 χ^2/NDF: 221270.8/4

-64.615+/-0.078 χ^2/NDF: 205493.8/6



Right In: 23.807+/-1.838 χ^2/NDF: 174.3/4

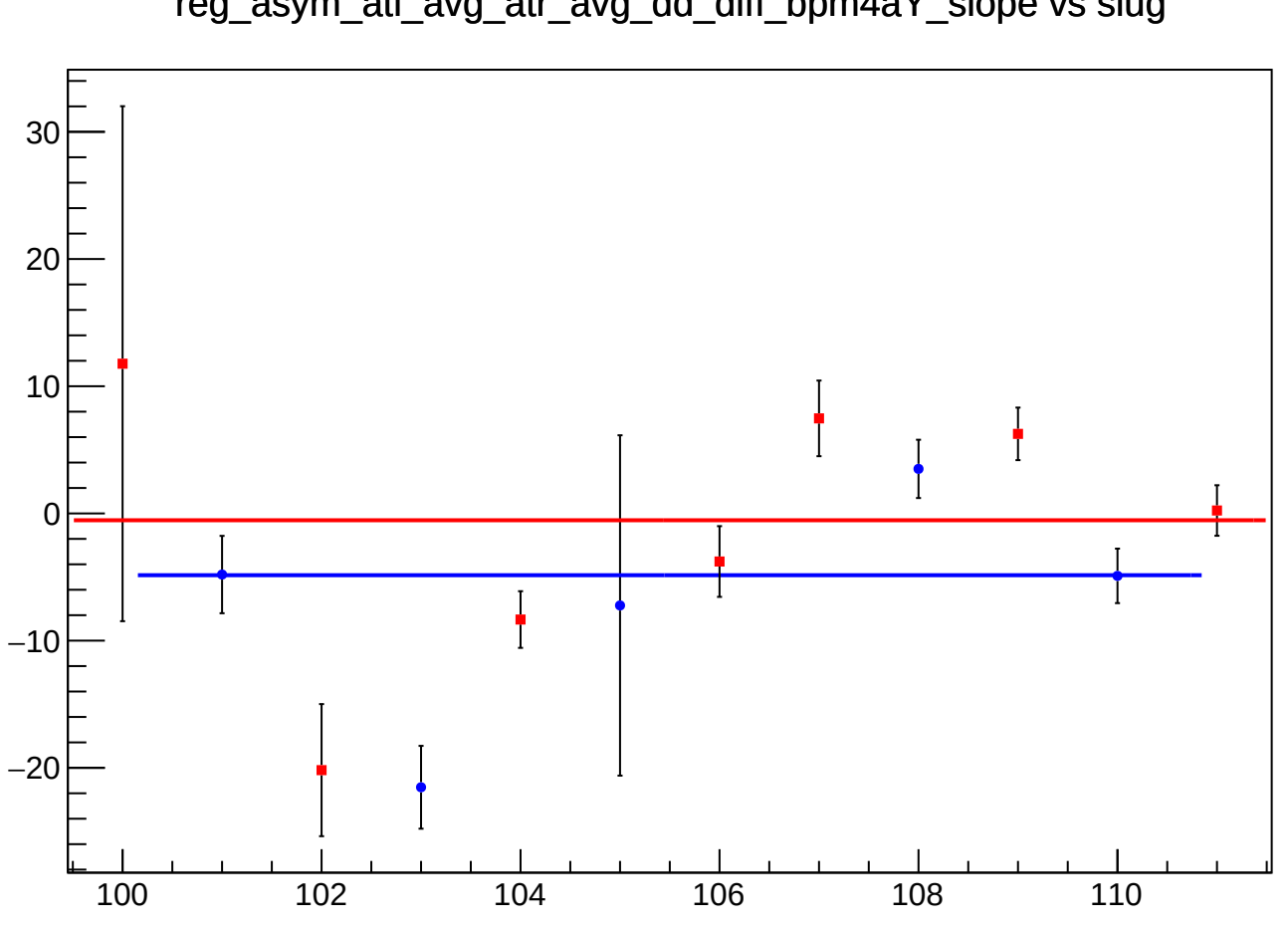
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.962+/-1.336 χ^2/NDF: 290.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

23.807+/-1.838 χ^2/NDF: 174.3/4

17.962+/-1.336 χ^2/NDF: 290.5/6



Right In: -4.856+/-1.273 χ^2/NDF: 39.6/4

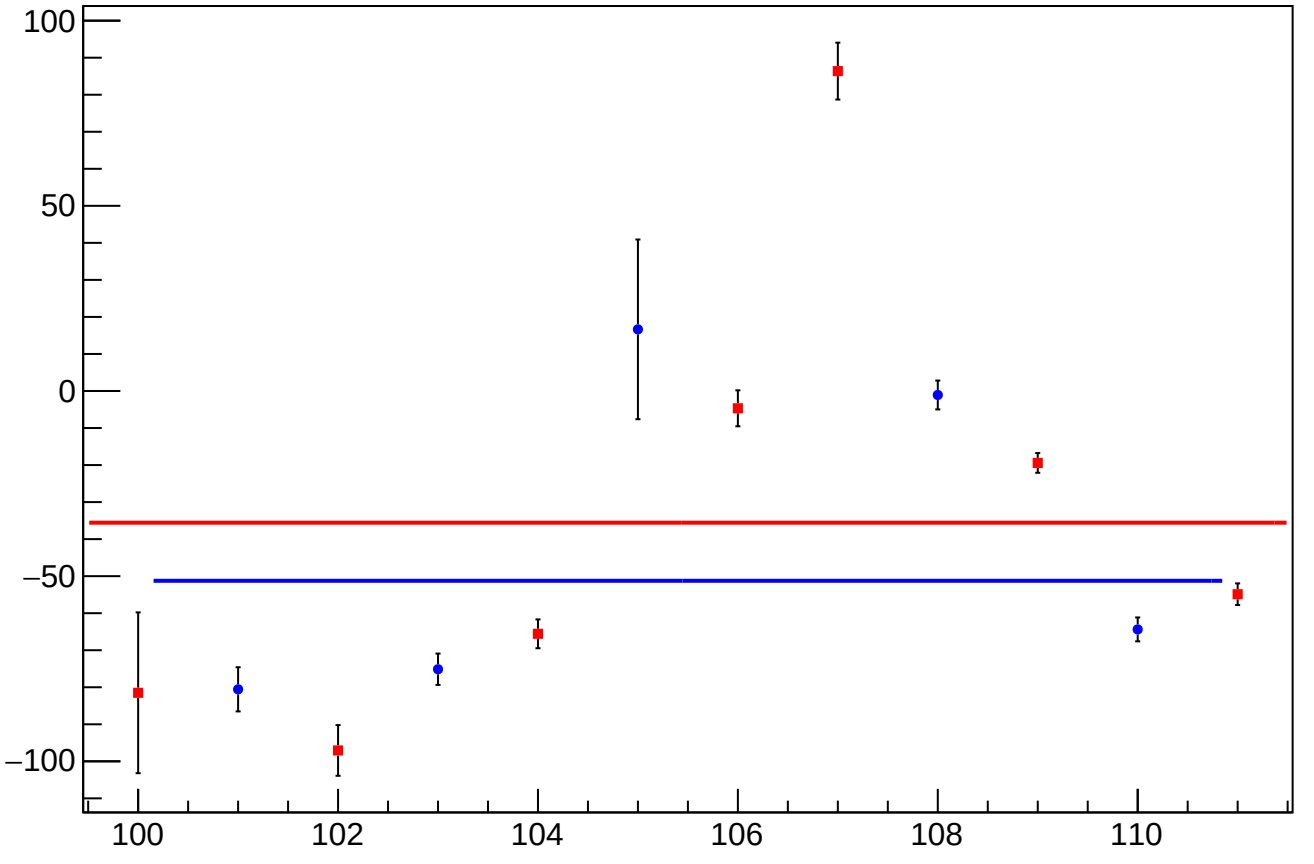
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.536+/-1.014 χ^2/NDF: 46.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-4.856+/-1.273 χ^2/NDF: 39.6/4

-0.536+/-1.014 χ^2/NDF: 46.5/6



Right In: -51.252+/-2.009 χ^2/NDF: 246.3/4

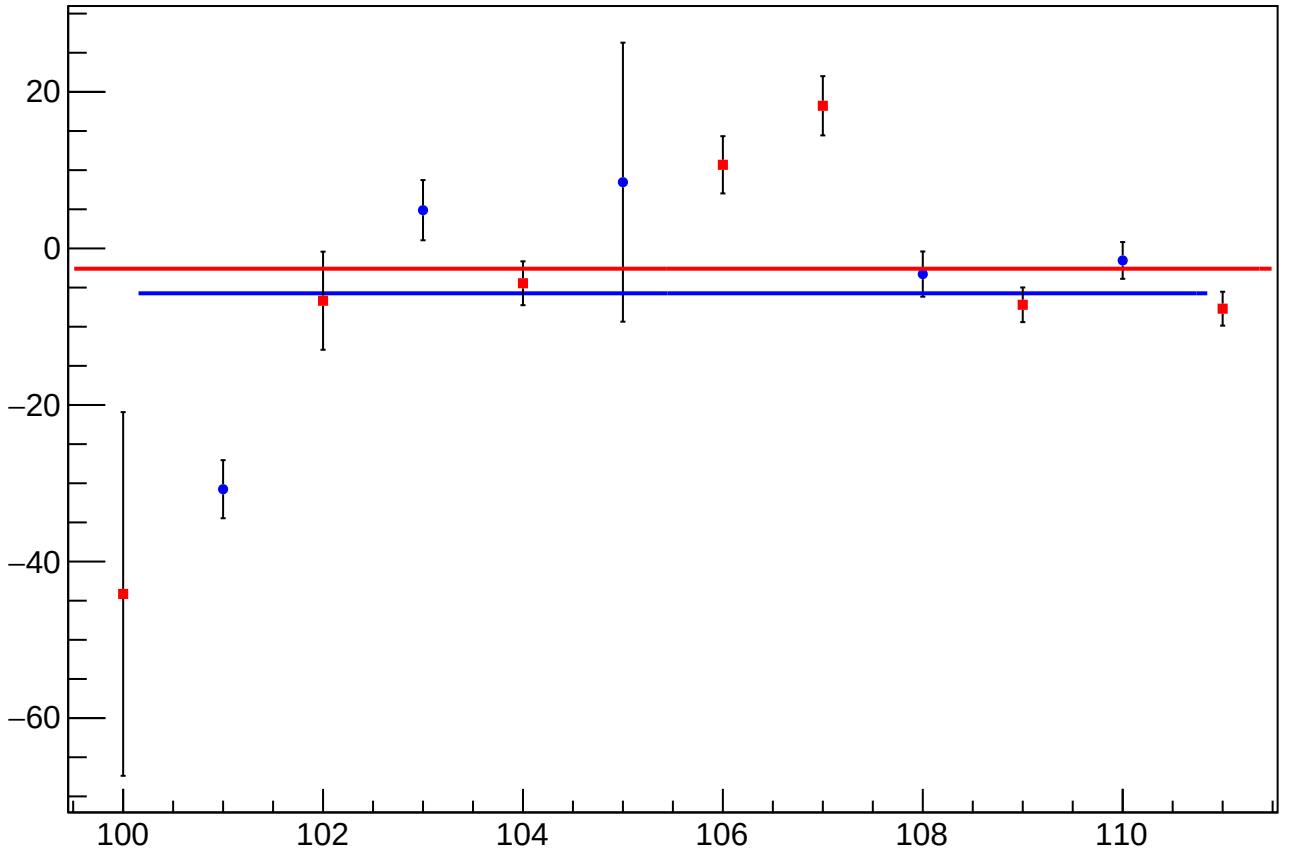
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -35.563+/-1.568 χ^2/NDF: 517.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-51.252+/-2.009 χ^2/NDF: 246.3/4

-35.563+/-1.568 χ^2/NDF: 517.4/6



Right In: -5.732+/-1.500 χ^2/NDF: 57.7/4

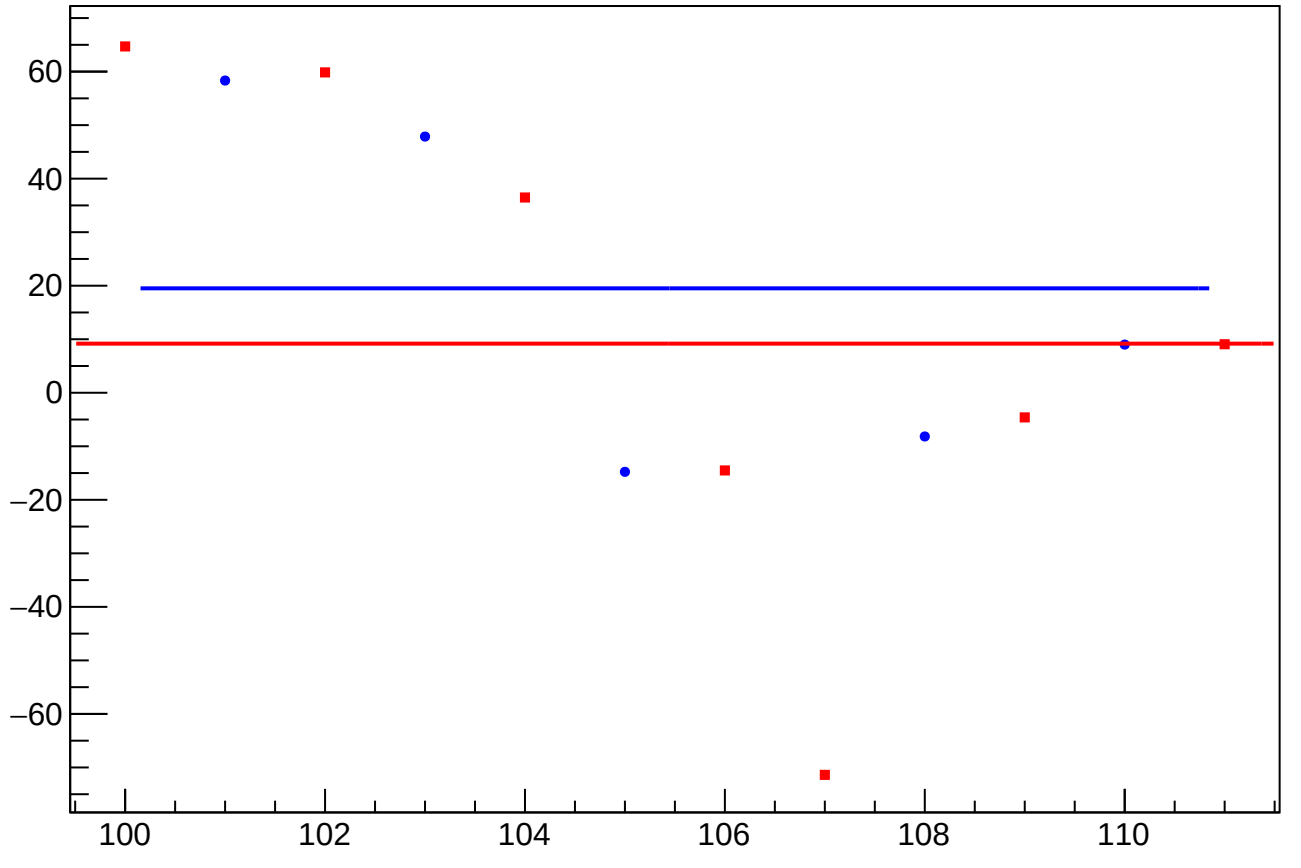
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.590+/-1.181 χ^2/NDF: 57.4/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-5.732+/-1.500 χ^2/NDF: 57.7/4

-2.590+/-1.181 χ^2/NDF: 57.4/6



Right In: 19.507+/-0.058 χ^2/NDF: 225479.8/4

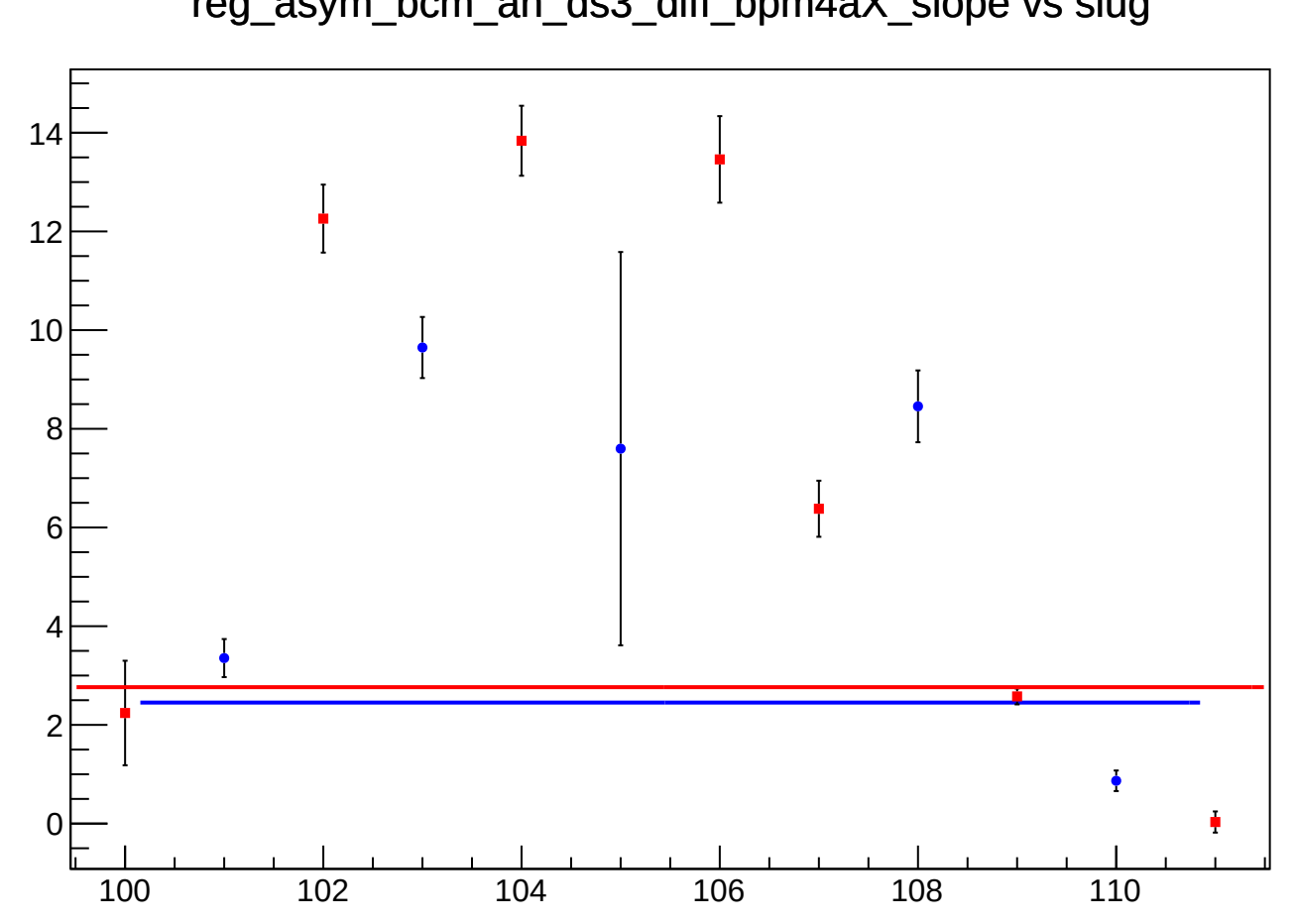
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.175+/-0.053 χ^2/NDF: 436732.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

19.507+/-0.058 χ^2/NDF: 225479.8/4

9.175+/-0.053 χ^2/NDF: 436732.5/6



Right In: 2.452+/-0.171 χ^2/NDF: 268.2/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

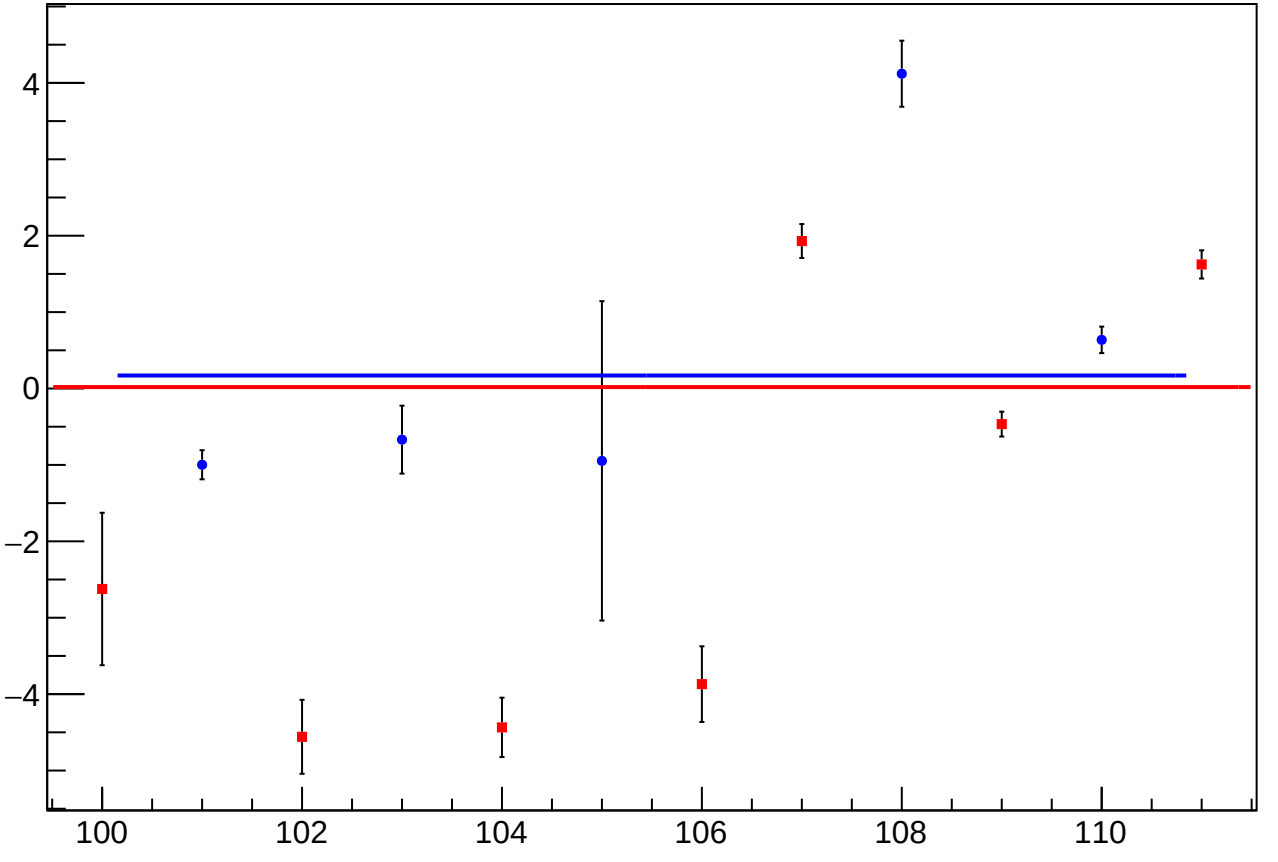
Right Out: 2.764+/-0.120 χ^2/NDF: 787.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.452+/-0.171 χ^2/NDF: 268.2/4

2.764+/-0.120 χ^2/NDF: 787.7/6

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: 0.170+/-0.118 χ^2/NDF: 132.1/4

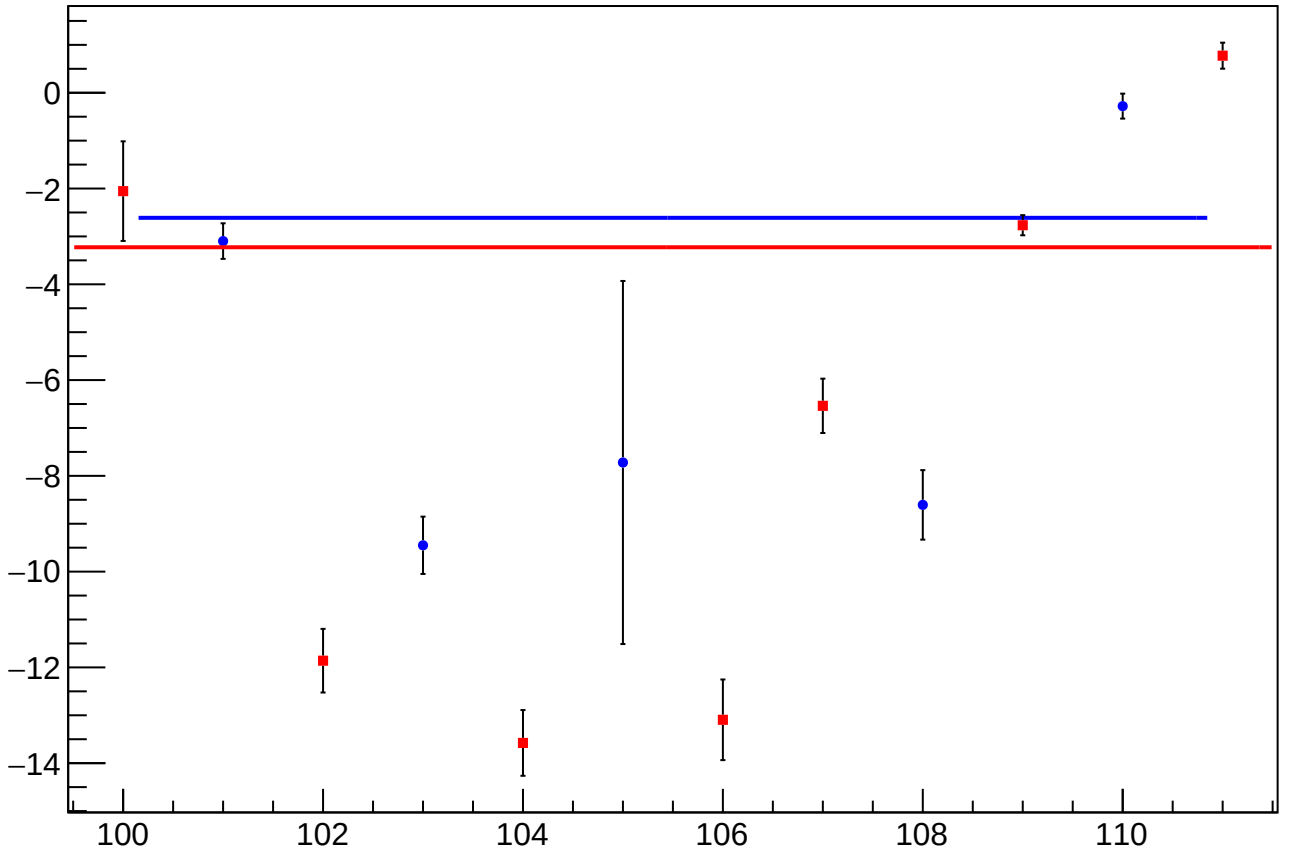
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.019+/-0.098 χ^2/NDF: 448.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.170+/-0.118 χ^2/NDF: 132.1/4

0.019+/-0.098 χ^2/NDF: 448.2/6



Right In: -2.612+/-0.193 χ^2/NDF: 282.4/4

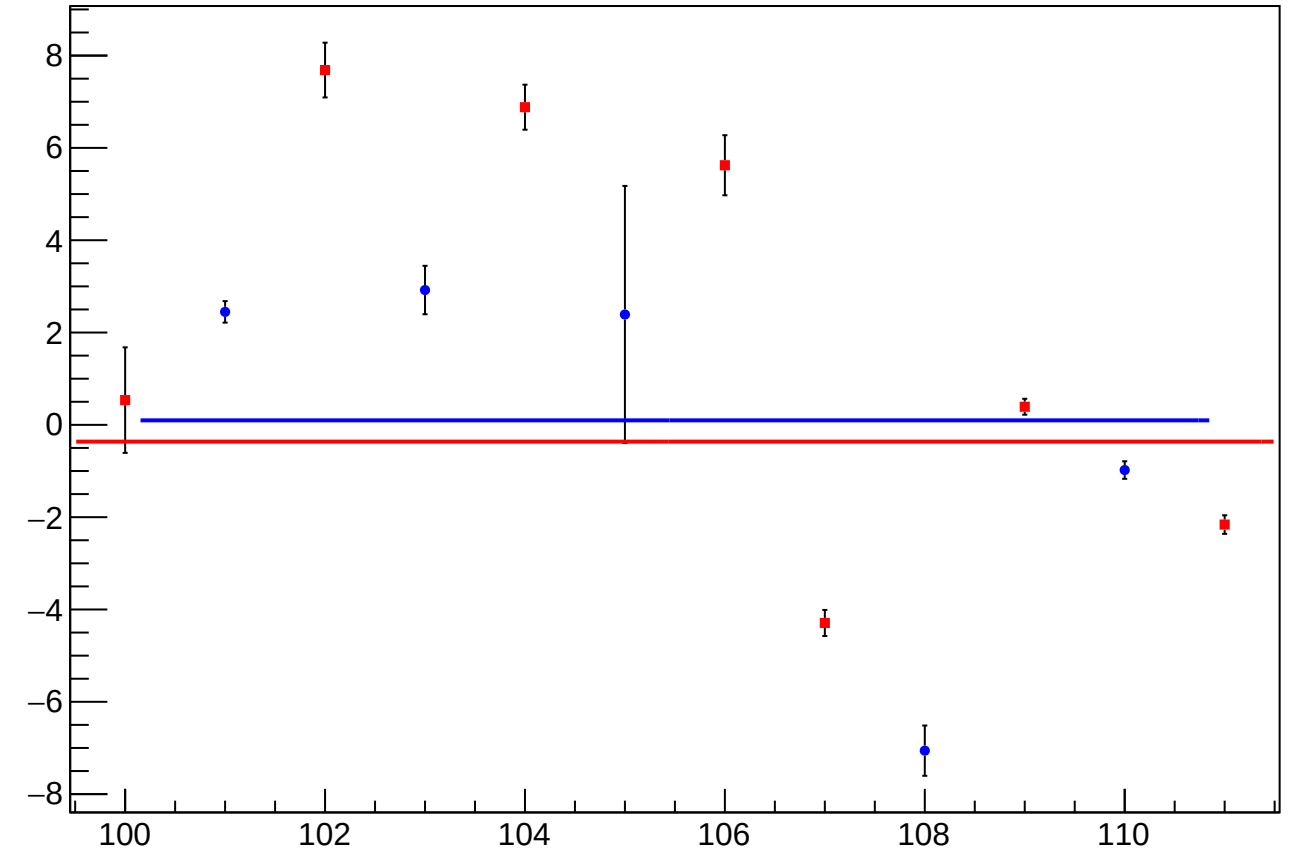
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.227+/-0.147 χ^2/NDF: 790.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.612+/-0.193 χ^2/NDF: 282.4/4

-3.227+/-0.147 χ^2/NDF: 790.5/6



Right In: 0.098+/-0.137 χ^2/NDF: 336.3/4

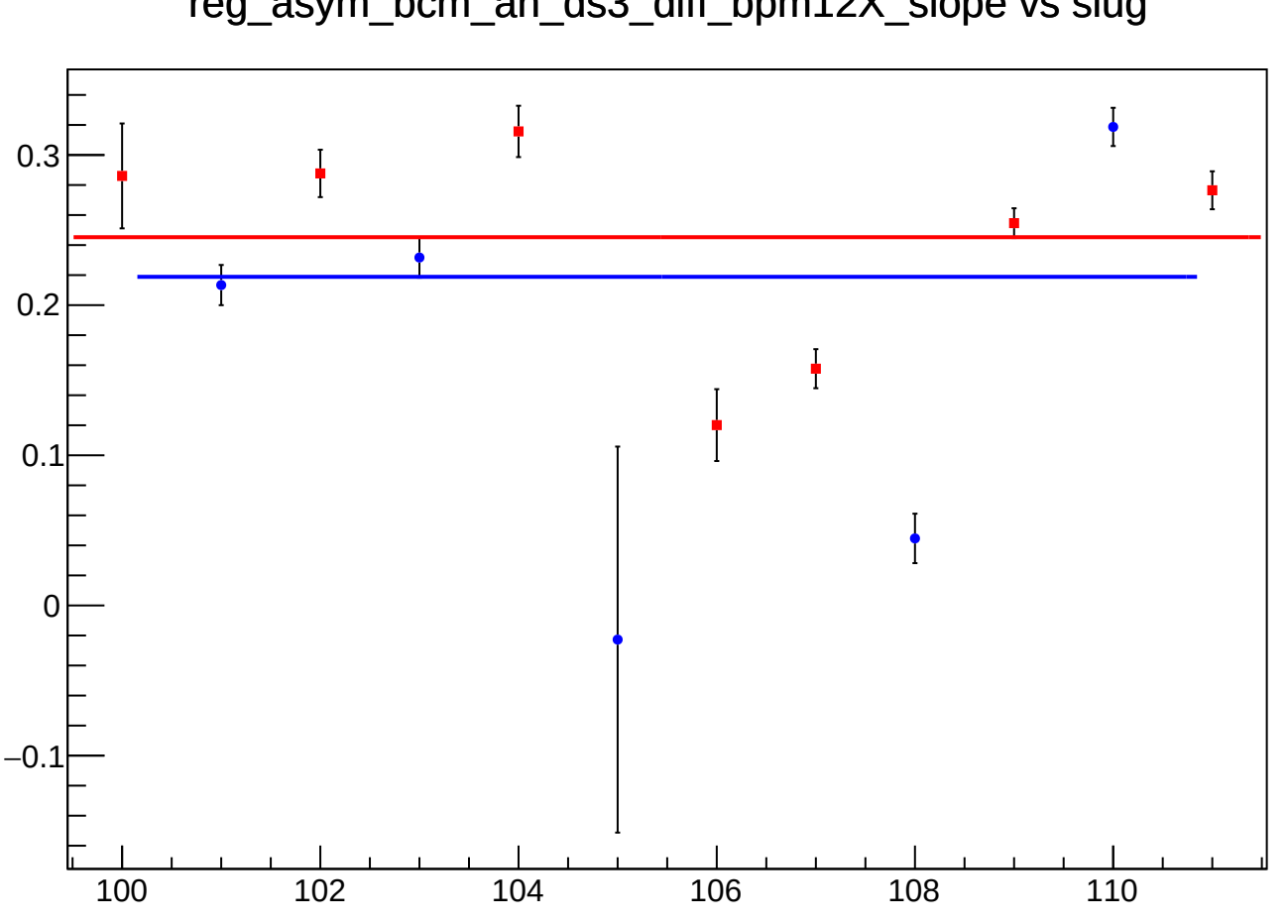
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.363+/-0.111 χ^2/NDF: 782.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.098+/-0.137 χ^2/NDF: 336.3/4

-0.363+/-0.111 χ^2/NDF: 782.7/6



Right In: 0.219+/-0.007 χ^2/NDF: 178.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

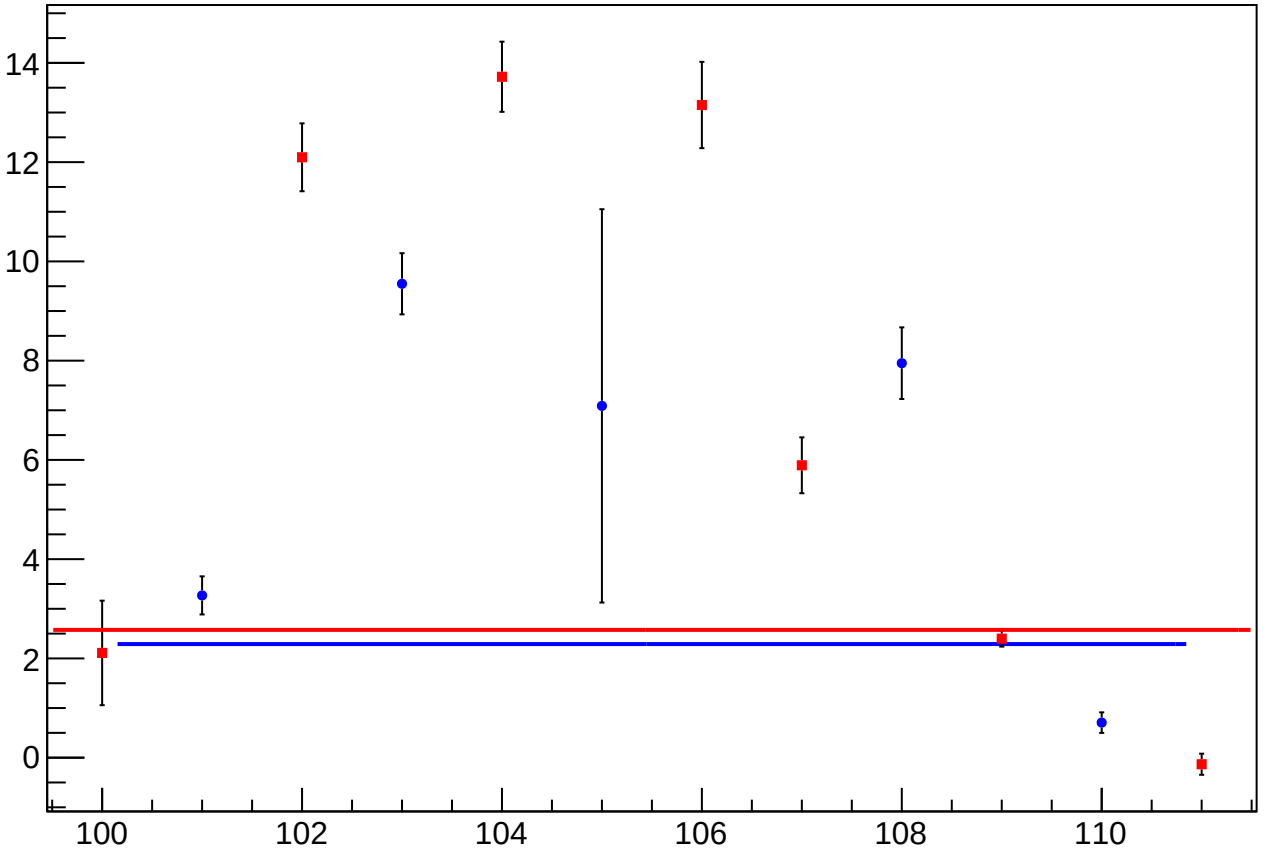
Right Out: 0.245+/-0.006 χ^2/NDF: 105.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.219+/-0.007 χ^2/NDF: 178.0/4

0.245+/-0.006 χ^2/NDF: 105.3/6

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: 2.289+/-0.170 χ^2/NDF: 266.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

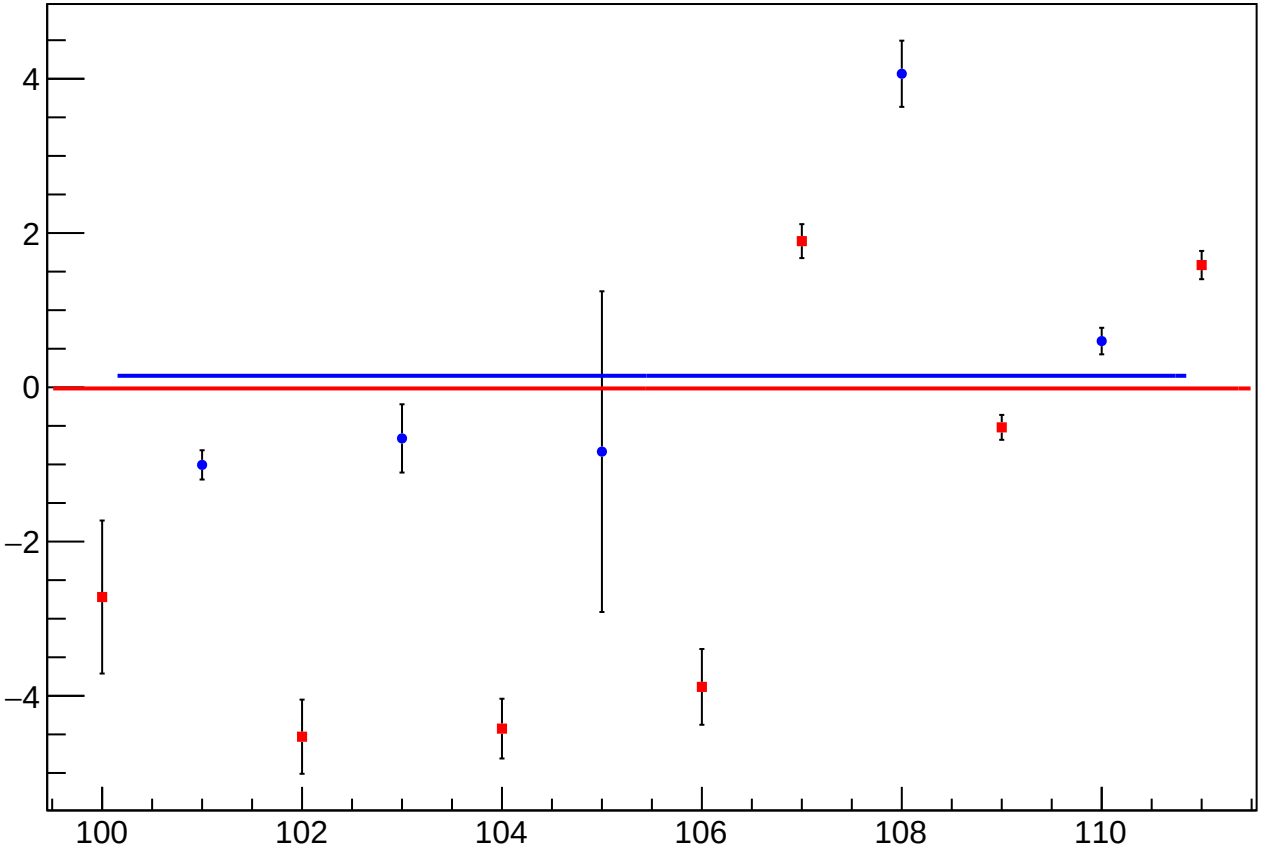
Right Out: 2.575+/-0.119 χ^2/NDF: 788.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.289+/-0.170 χ^2/NDF: 266.6/4

2.575+/-0.119 χ^2/NDF: 788.5/6

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: 0.149+/-0.118 χ^2/NDF: 130.8/4

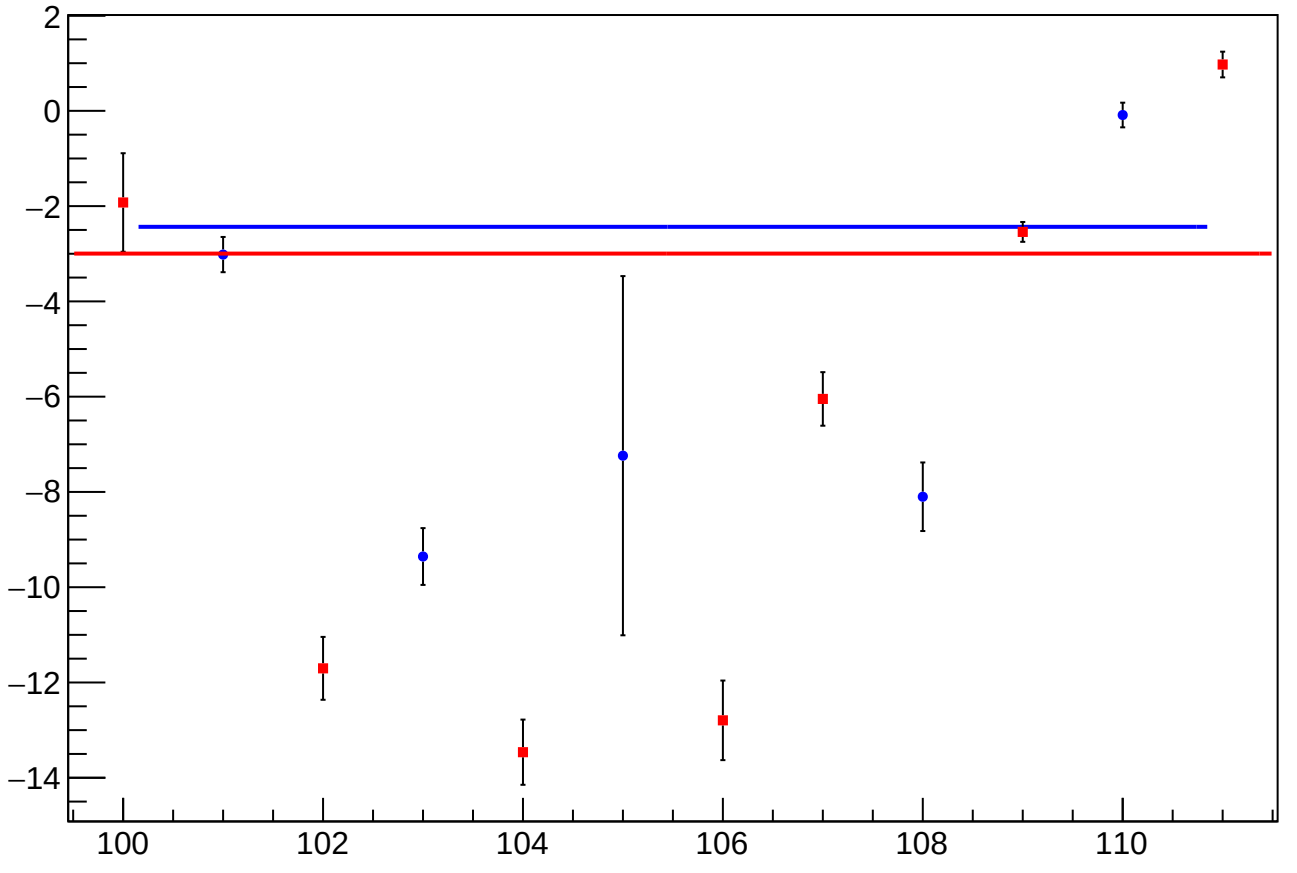
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.015+/-0.098 χ^2/NDF: 448.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.149+/-0.118 χ^2/NDF: 130.8/4

-0.015+/-0.098 χ^2/NDF: 448.6/6



Right In: -2.435+/-0.192 χ^2/NDF: 283.0/4

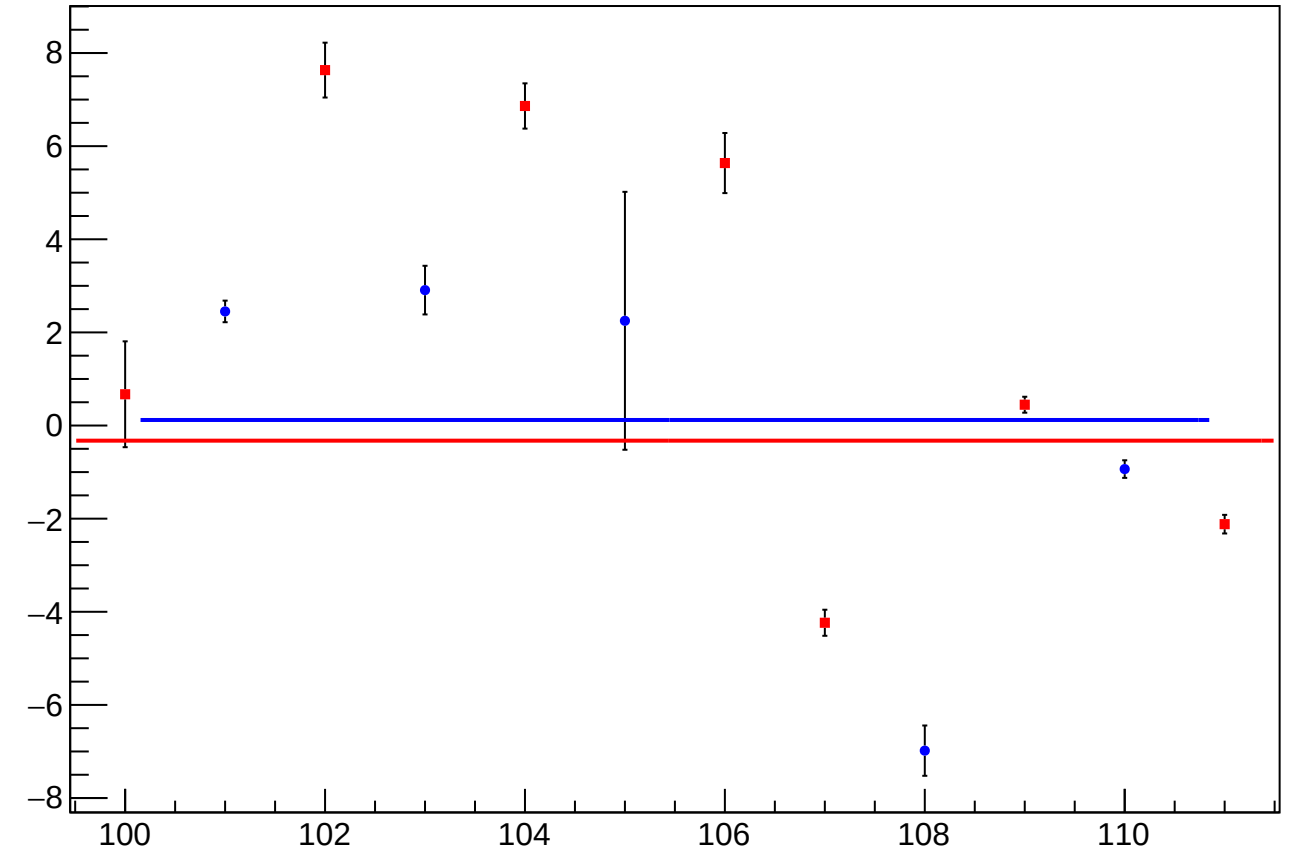
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.997+/-0.146 χ^2/NDF: 797.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.435+/-0.192 χ^2/NDF: 283.0/4

-2.997+/-0.146 χ^2/NDF: 797.3/6



Right In: 0.119+/-0.136 χ^2/NDF: 334.3/4

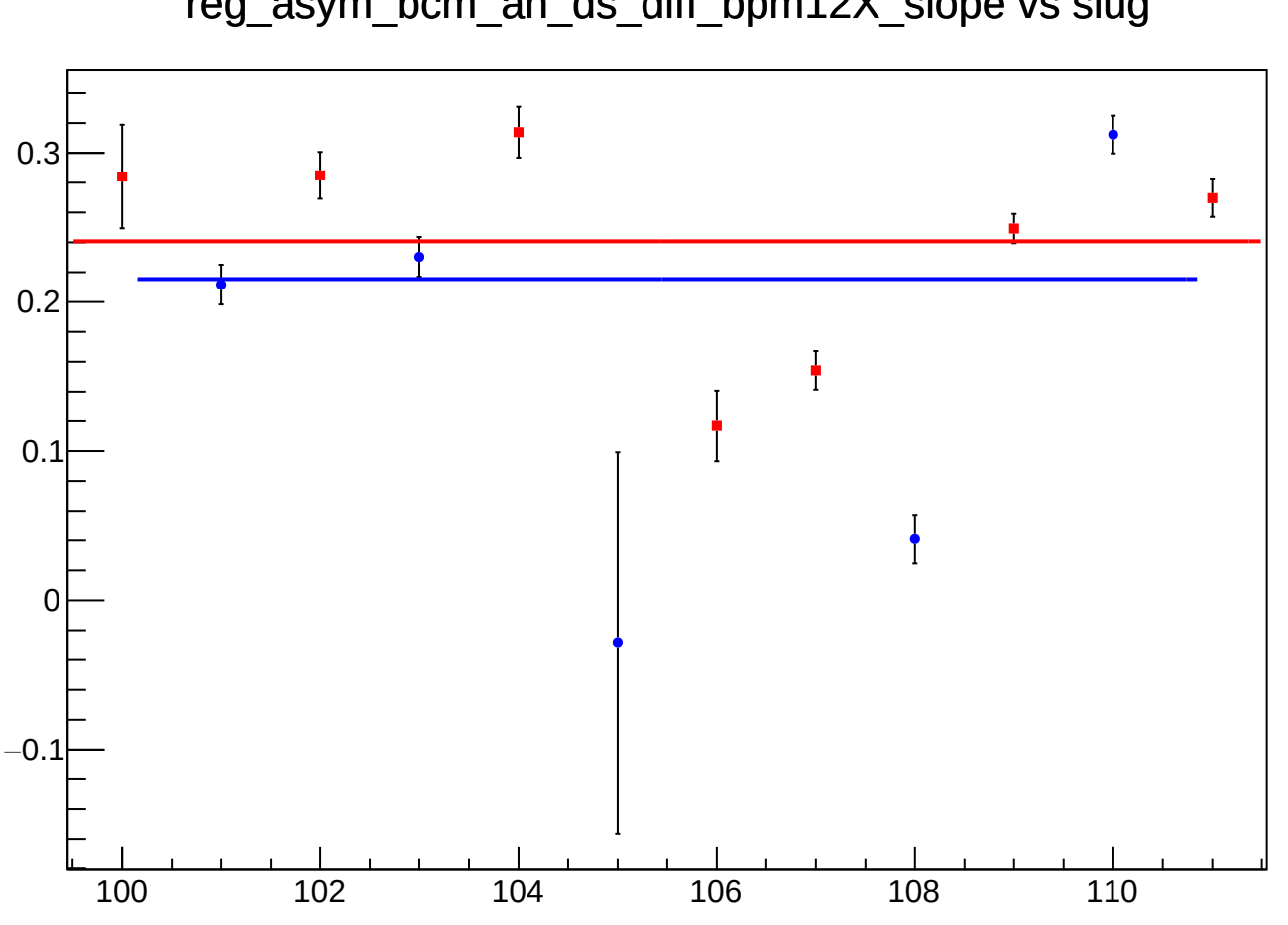
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.325+/-0.110 χ^2/NDF: 783.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.119+/-0.136 χ^2/NDF: 334.3/4

-0.325+/-0.110 χ^2/NDF: 783.2/6



Right In: 0.215+/-0.007 χ^2/NDF: 177.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

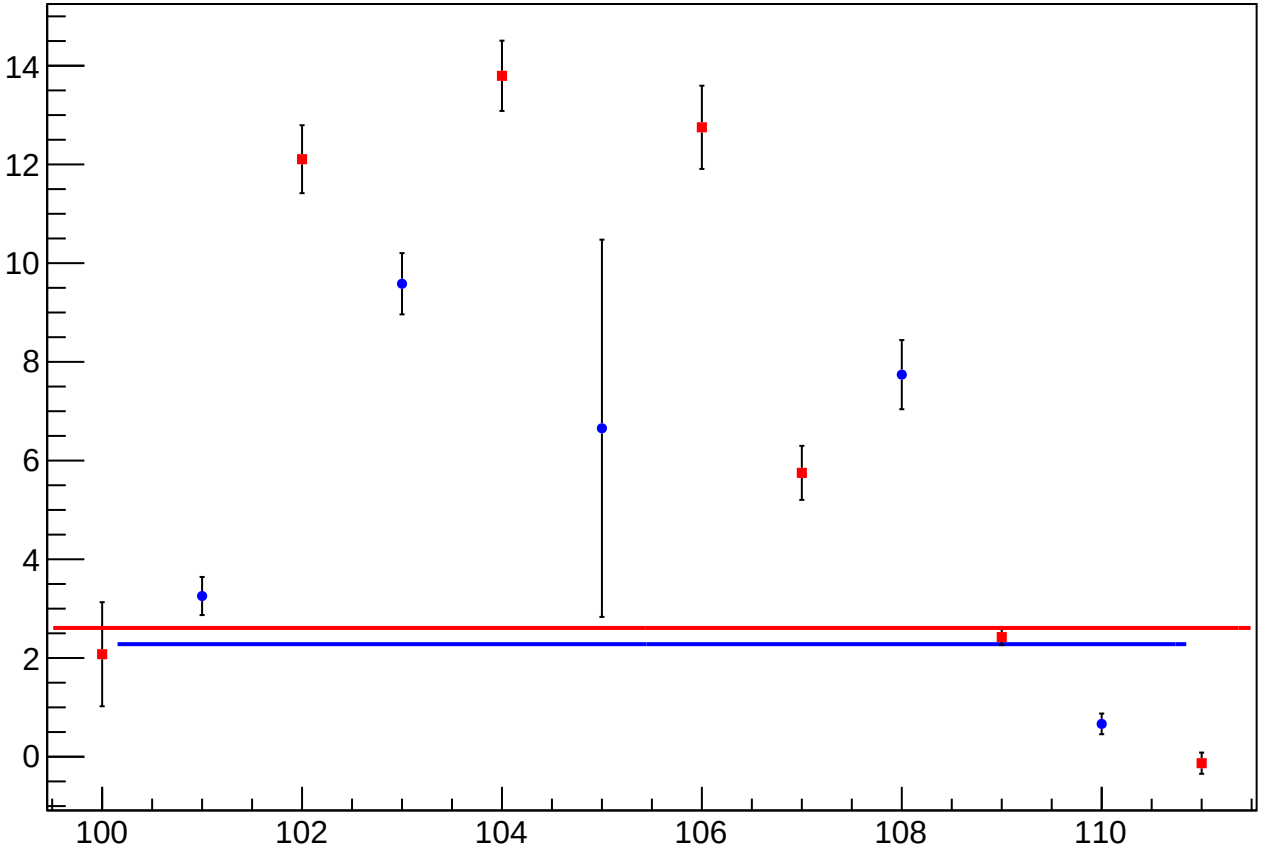
Right Out: 0.241+/-0.006 χ^2/NDF: 106.3/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.215+/-0.007 χ^2/NDF: 177.6/4

0.241+/-0.006 χ^2/NDF: 106.3/6

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: 2.281+/-0.171 χ^2/NDF: 266.5/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

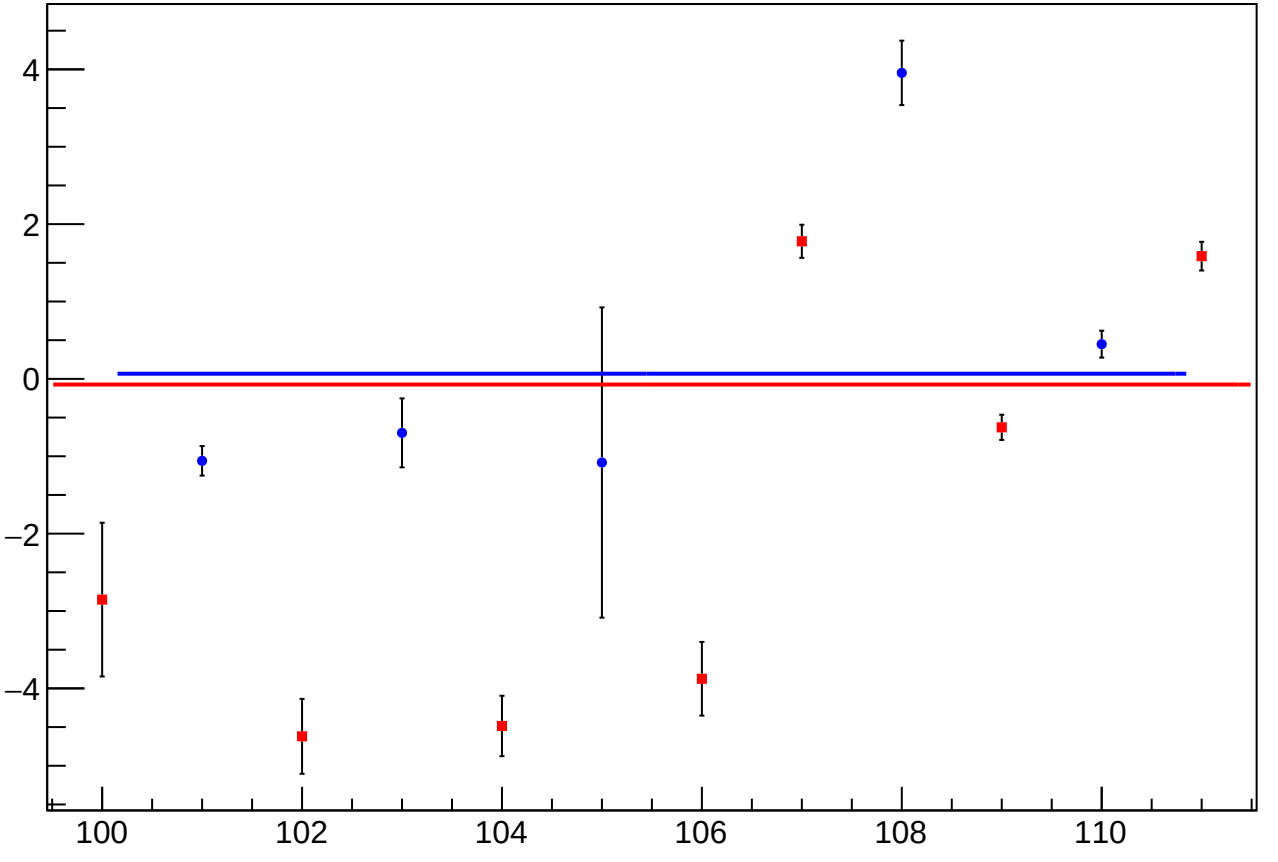
Right Out: 2.609+/-0.120 χ^2/NDF: 778.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.281+/-0.171 χ^2/NDF: 266.5/4

2.609+/-0.120 χ^2/NDF: 778.7/6

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: 0.067+/-0.118 χ^2/NDF: 130.0/4

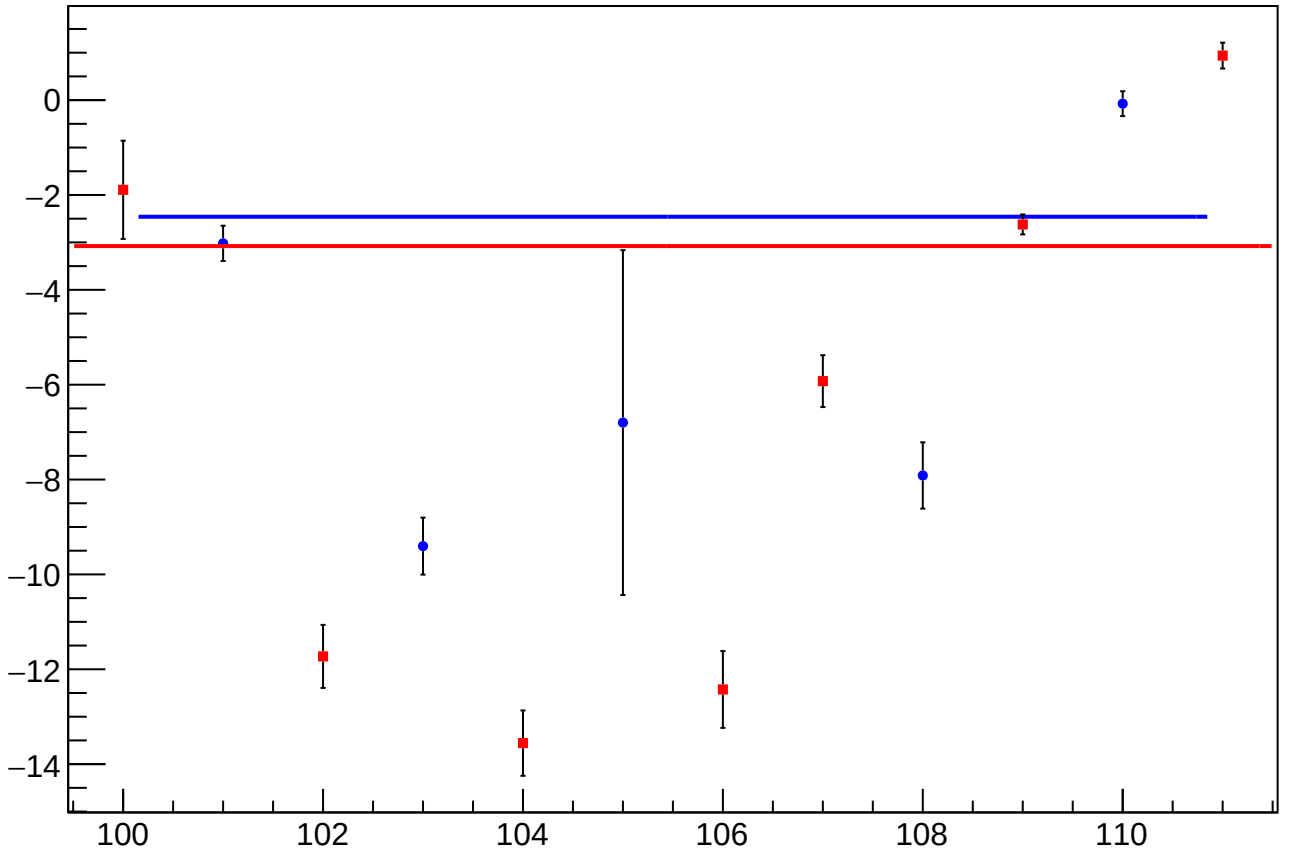
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.073+/-0.098 χ^2/NDF: 454.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.067+/-0.118 χ^2/NDF: 130.0/4

-0.073+/-0.098 χ^2/NDF: 454.2/6



Right In: -2.459+/-0.193 χ^2/NDF: 281.6/4

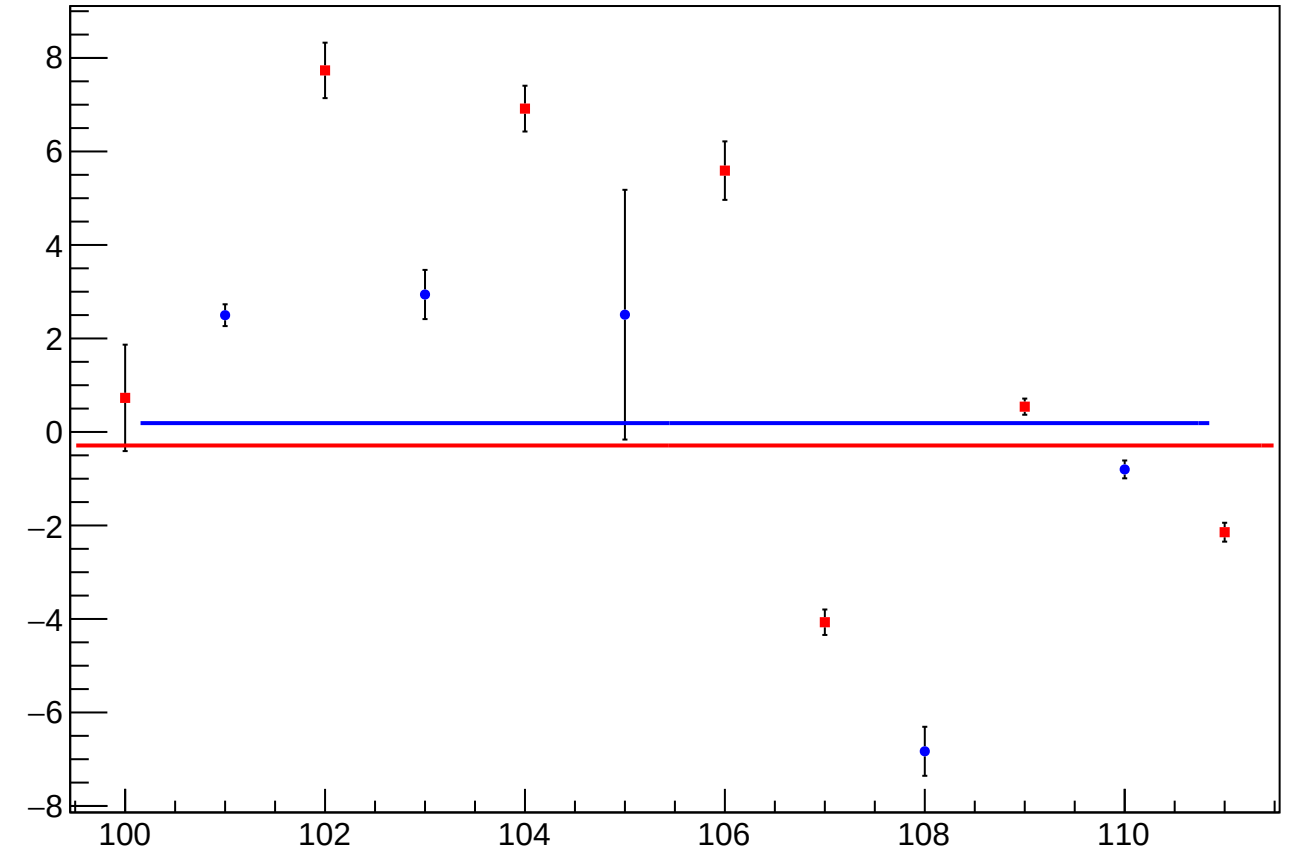
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.078+/-0.147 χ^2/NDF: 784.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.459+/-0.193 χ^2/NDF: 281.6/4

-3.078+/-0.147 χ^2/NDF: 784.0/6



Right In: 0.189+/-0.137 χ^2/NDF: 332.3/4

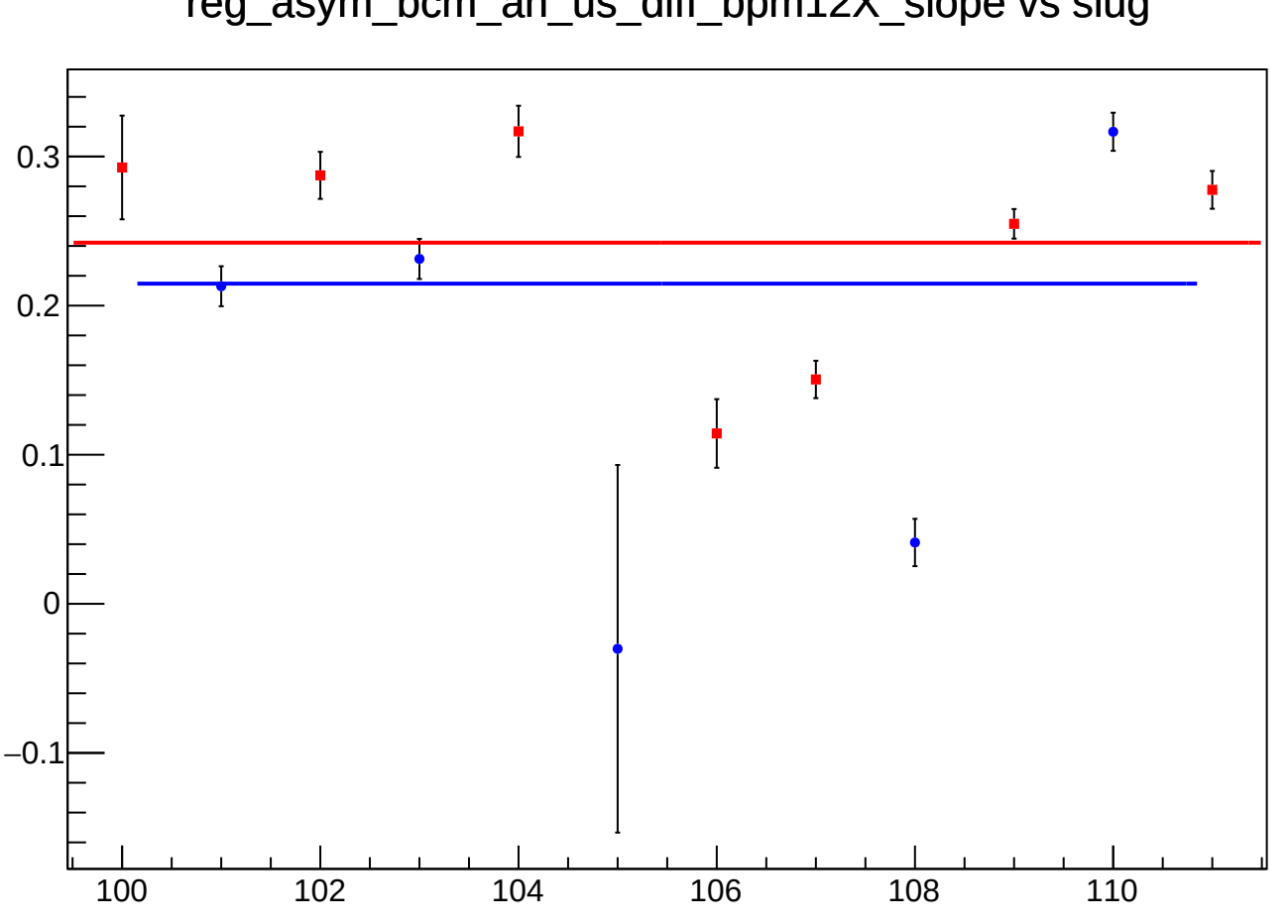
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.289+/-0.111 χ^2/NDF: 788.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.189+/-0.137 χ^2/NDF: 332.3/4

-0.289+/-0.111 χ^2/NDF: 788.7/6



Right In: 0.215+/-0.007 χ^2/NDF: 188.7/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

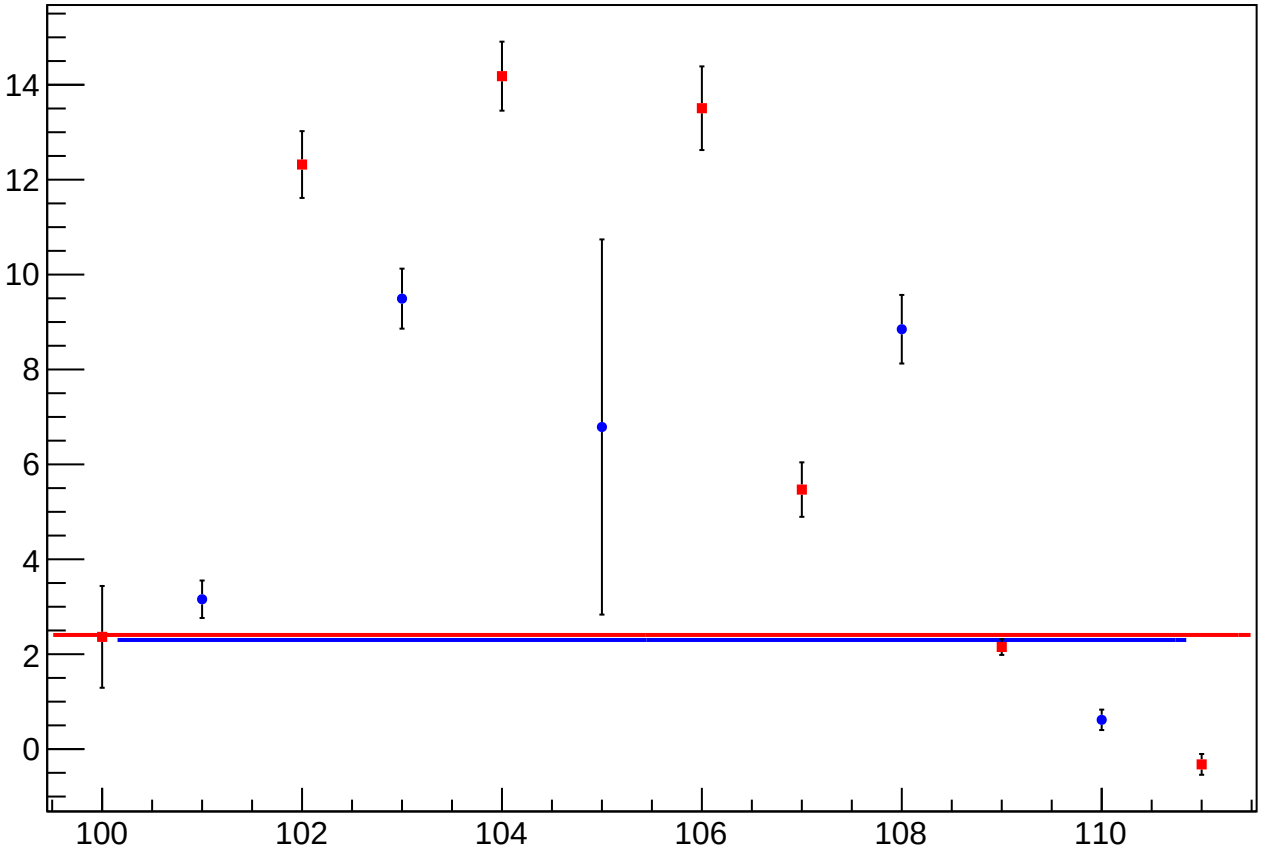
Right Out: 0.242+/-0.006 χ^2/NDF: 123.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.215+/-0.007 χ^2/NDF: 188.7/4

0.242+/-0.006 χ^2/NDF: 123.1/6

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: 2.300+/-0.175 χ^2/NDF: 278.7/4

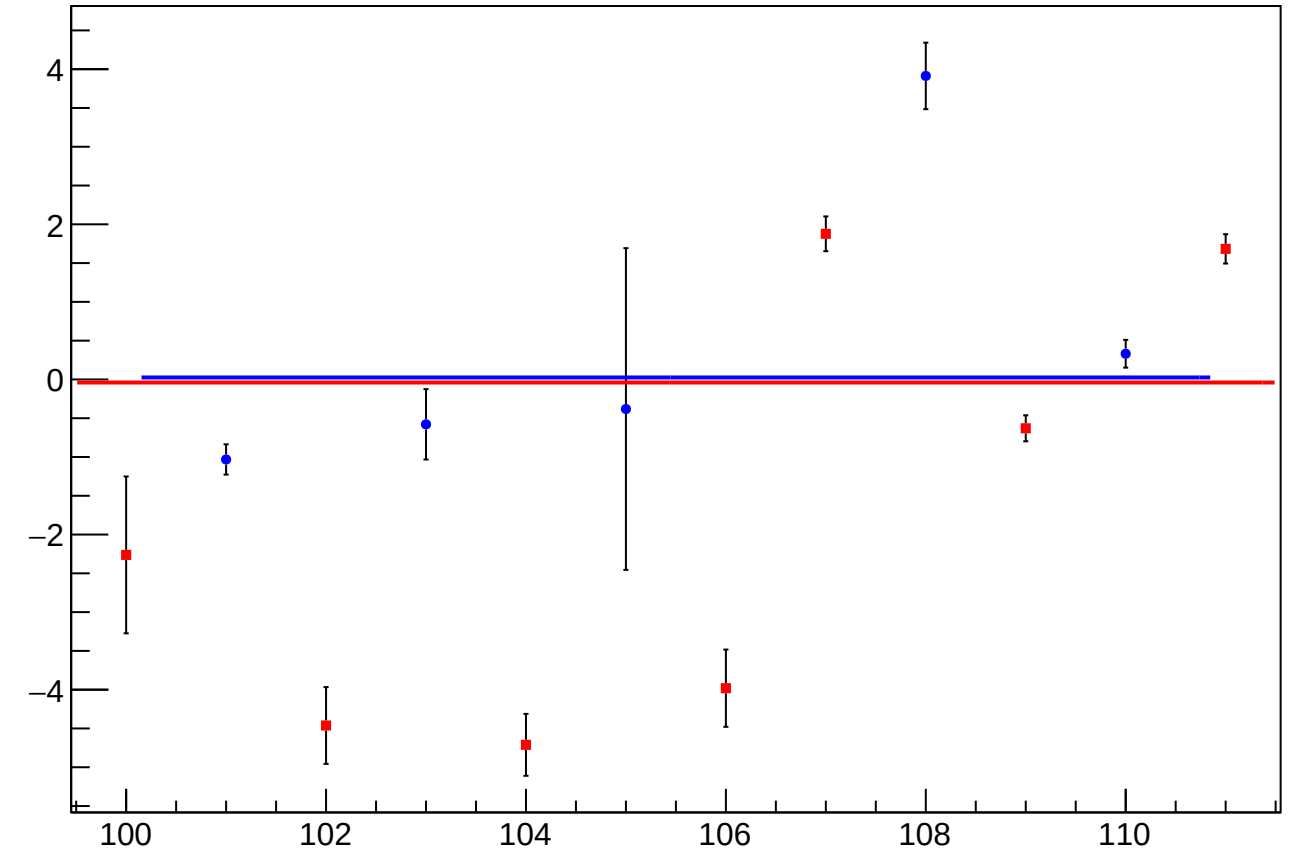
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.405+/-0.123 χ^2/NDF: 804.6/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.300+/-0.175 χ^2/NDF: 278.7/4

2.405+/-0.123 χ^2/NDF: 804.6/6



Right In: 0.025+/-0.121 χ^2/NDF: 116.3/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

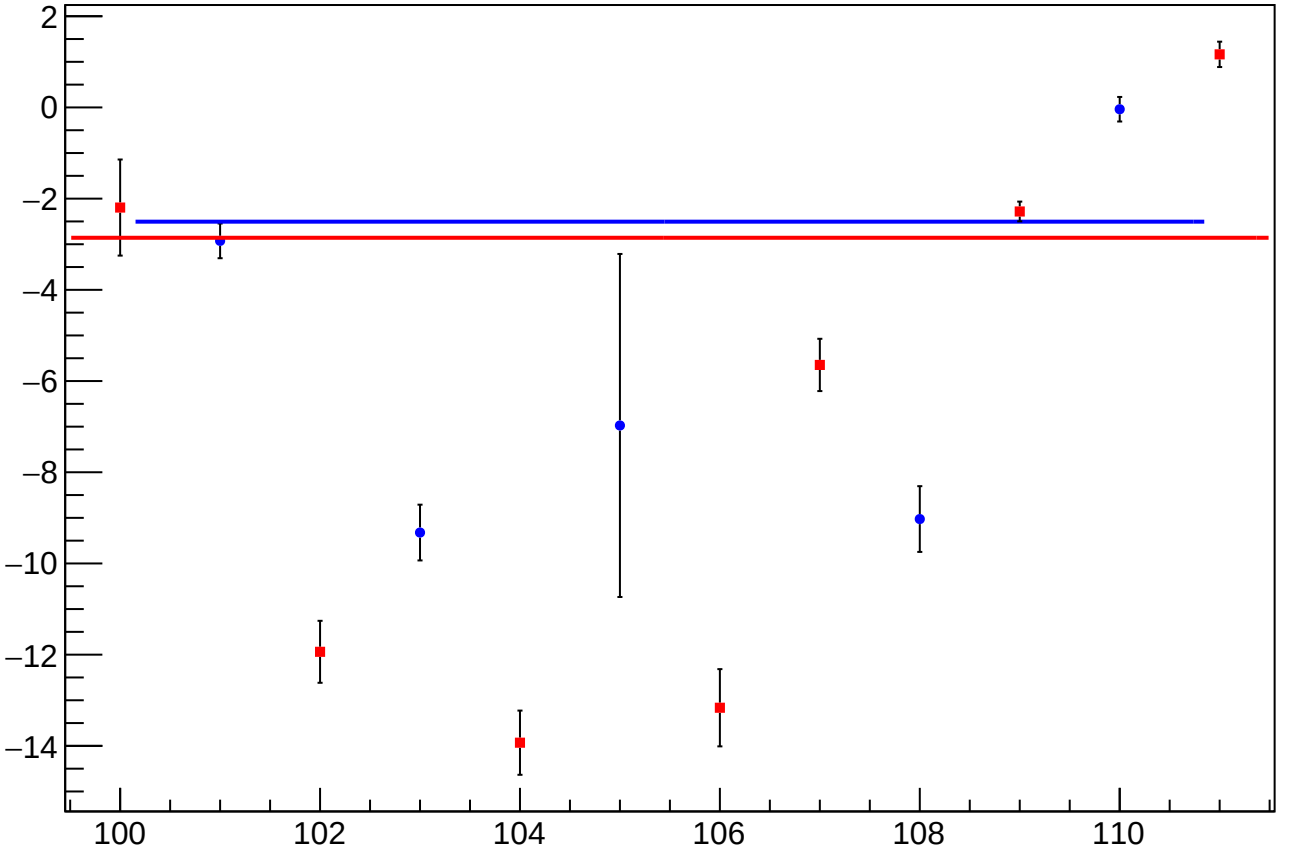
Right Out: -0.040+/-0.101 χ^2/NDF: 452.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.025+/-0.121 χ^2/NDF: 116.3/4

-0.040+/-0.101 χ^2/NDF: 452.7/6

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: -2.505+/-0.199 χ^2/NDF: 292.6/4

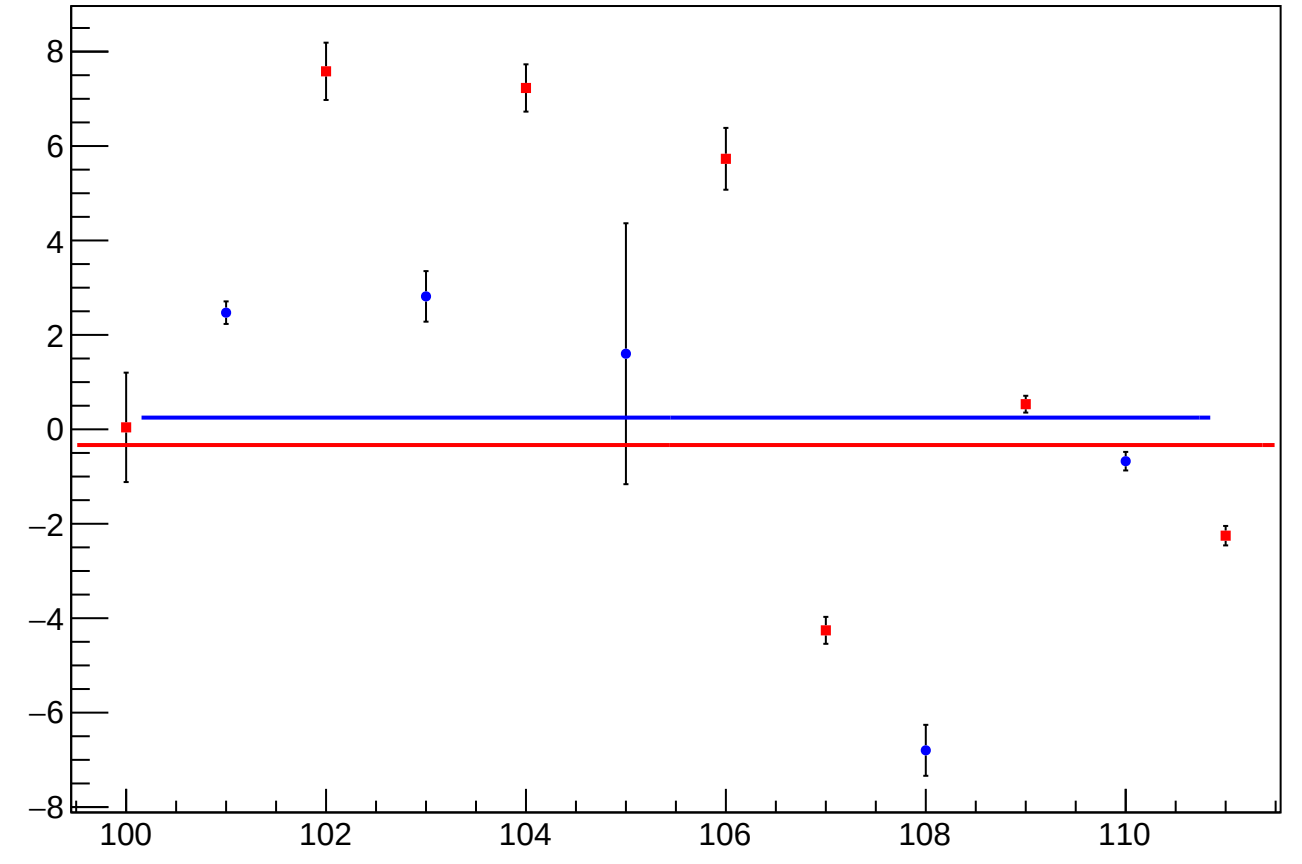
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.858+/-0.151 χ^2/NDF: 814.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.505+/-0.199 χ^2/NDF: 292.6/4

-2.858+/-0.151 χ^2/NDF: 814.2/6



Right In: 0.248+/-0.141 χ^2/NDF: 302.4/4

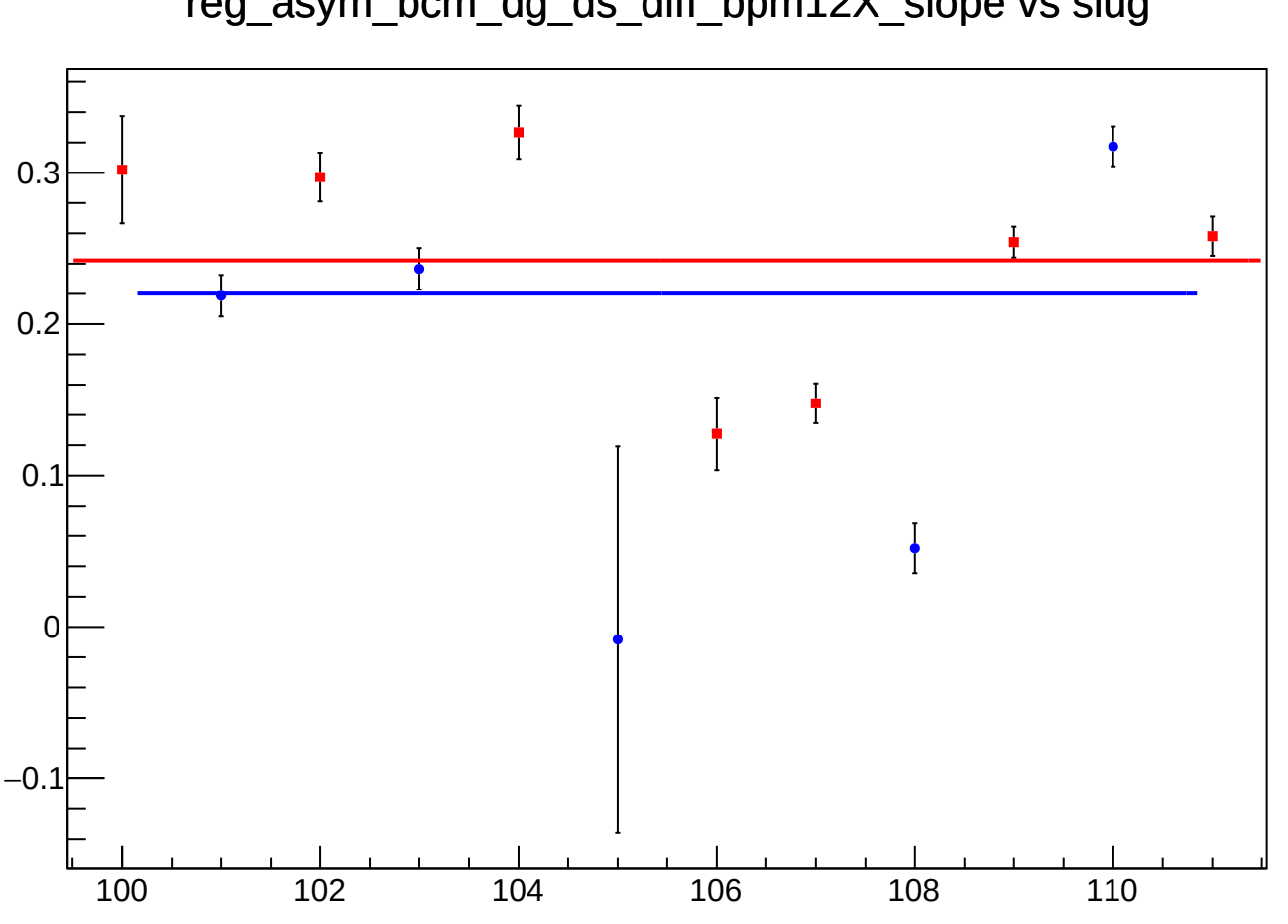
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.333+/-0.114 χ^2/NDF: 783.7/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.248+/-0.141 χ^2/NDF: 302.4/4

-0.333+/-0.114 χ^2/NDF: 783.7/6



Right In: 0.220+/-0.007 χ^2/NDF: 165.0/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

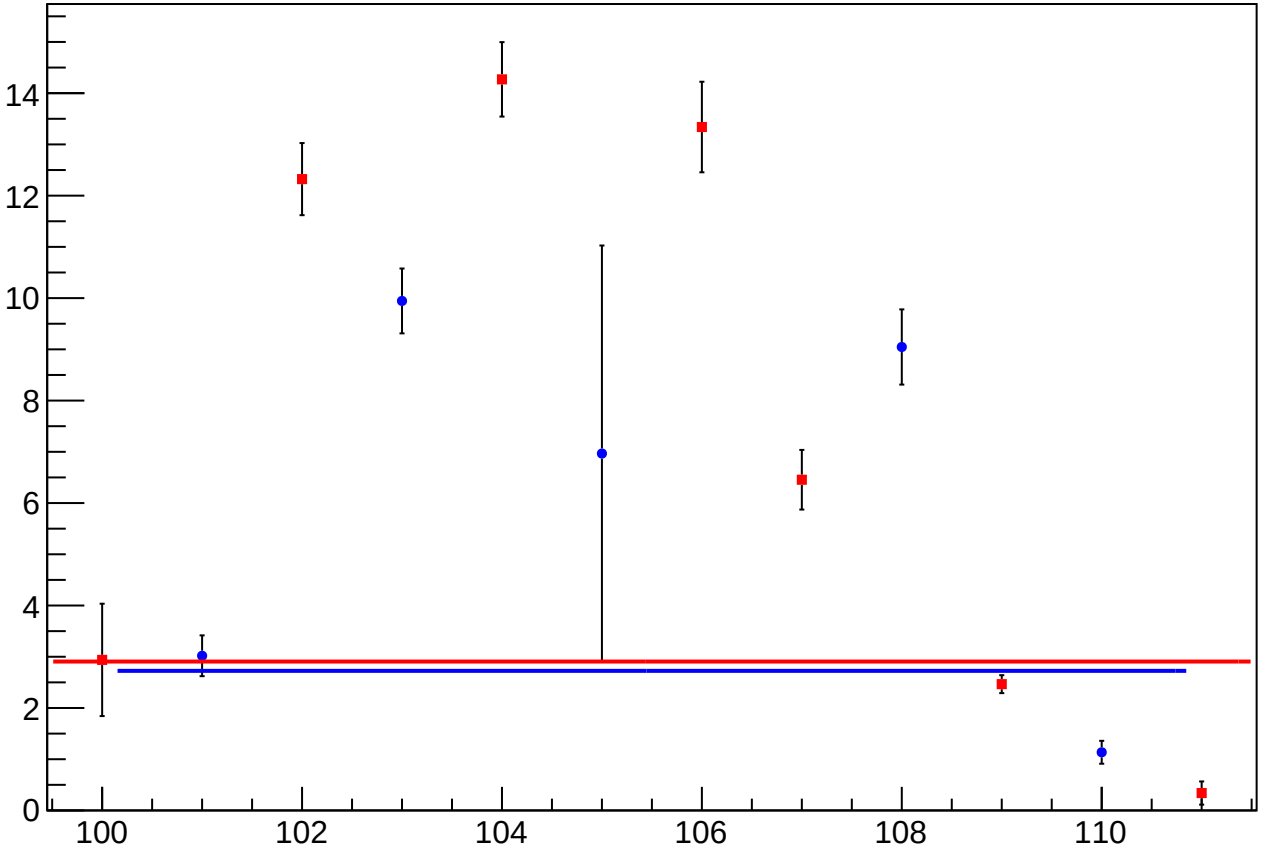
Right Out: 0.242+/-0.006 χ^2/NDF: 115.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.220+/-0.007 χ^2/NDF: 165.0/4

0.242+/-0.006 χ^2/NDF: 115.1/6

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: 2.725+/-0.180 χ^2/NDF: 256.6/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

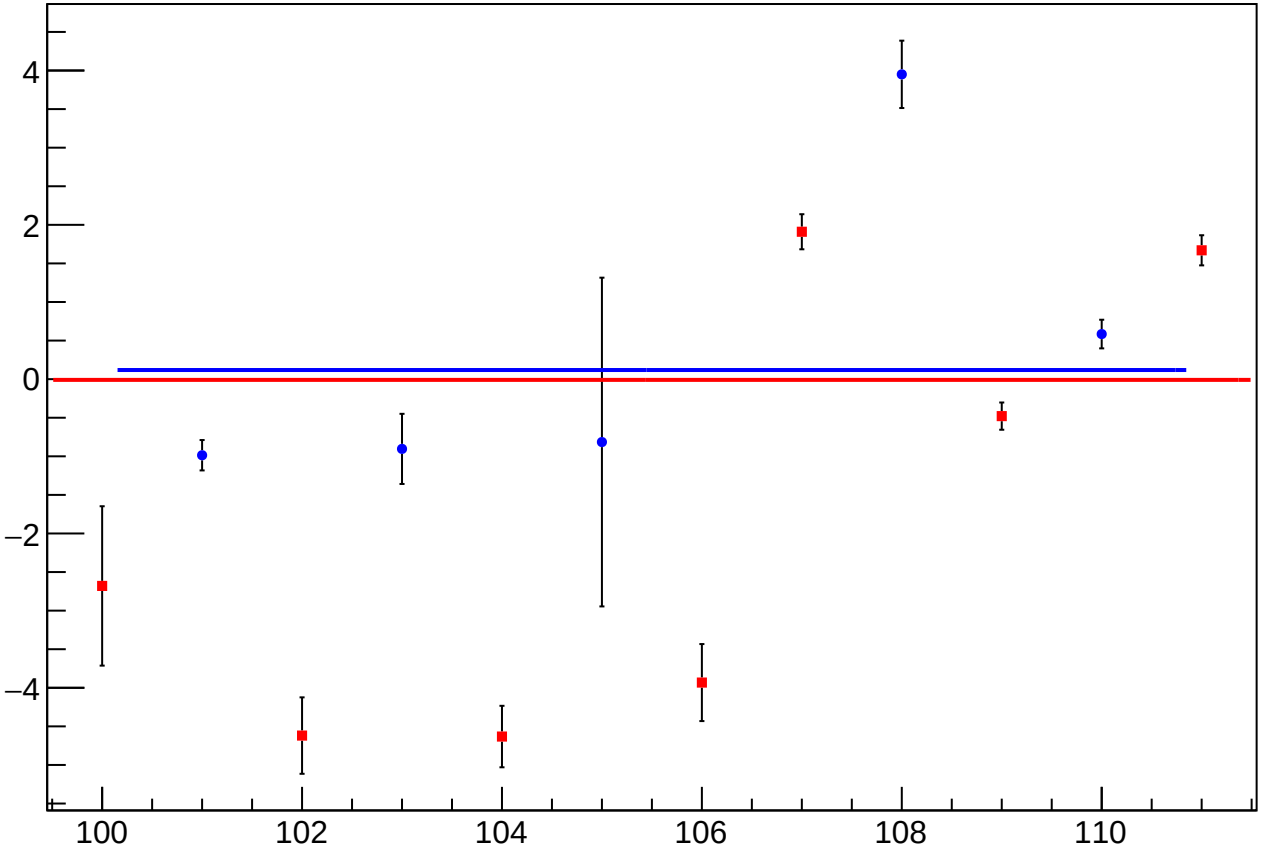
Right Out: 2.907+/-0.128 χ^2/NDF: 735.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

2.725+/-0.180 χ^2/NDF: 256.6/4

2.907+/-0.128 χ^2/NDF: 735.0/6

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: 0.118+/-0.124 χ^2/NDF: 120.1/4

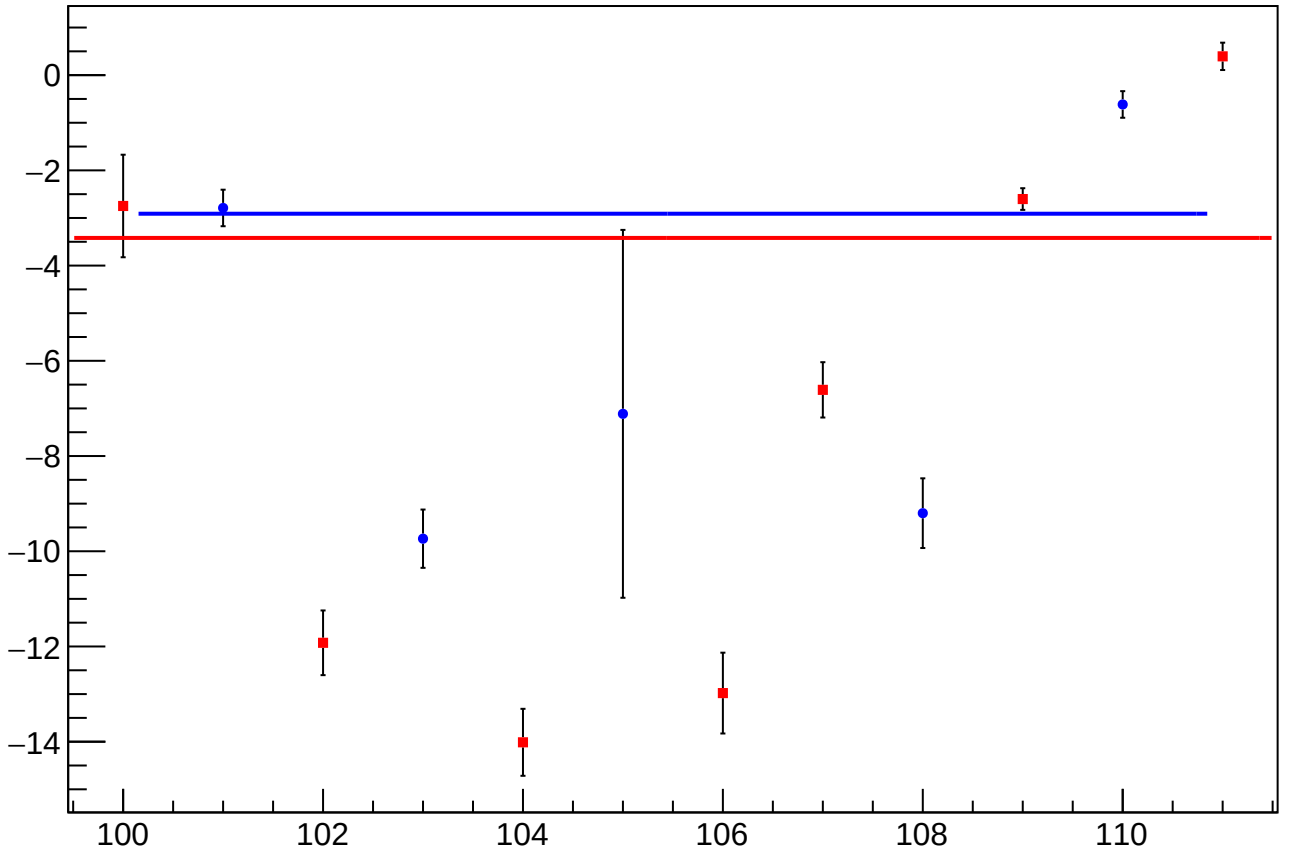
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.009+/-0.104 χ^2/NDF: 442.1/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.118+/-0.124 χ^2/NDF: 120.1/4

-0.009+/-0.104 χ^2/NDF: 442.1/6



Right In: -2.911+/-0.203 χ^2/NDF: 267.0/4

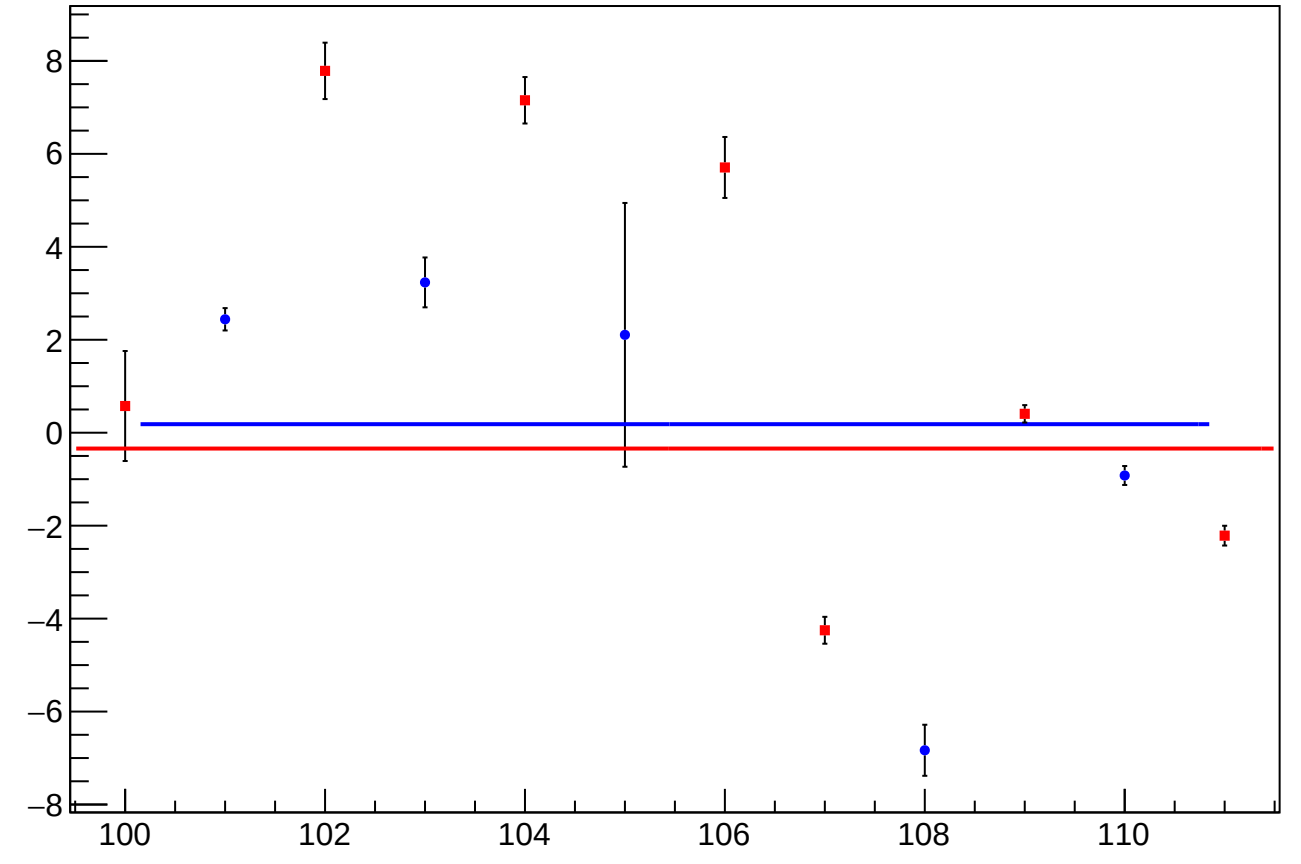
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.419+/-0.156 χ^2/NDF: 730.2/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

-2.911+/-0.203 χ^2/NDF: 267.0/4

-3.419+/-0.156 χ^2/NDF: 730.2/6



Right In: 0.184+/-0.144 χ^2/NDF: 313.3/4

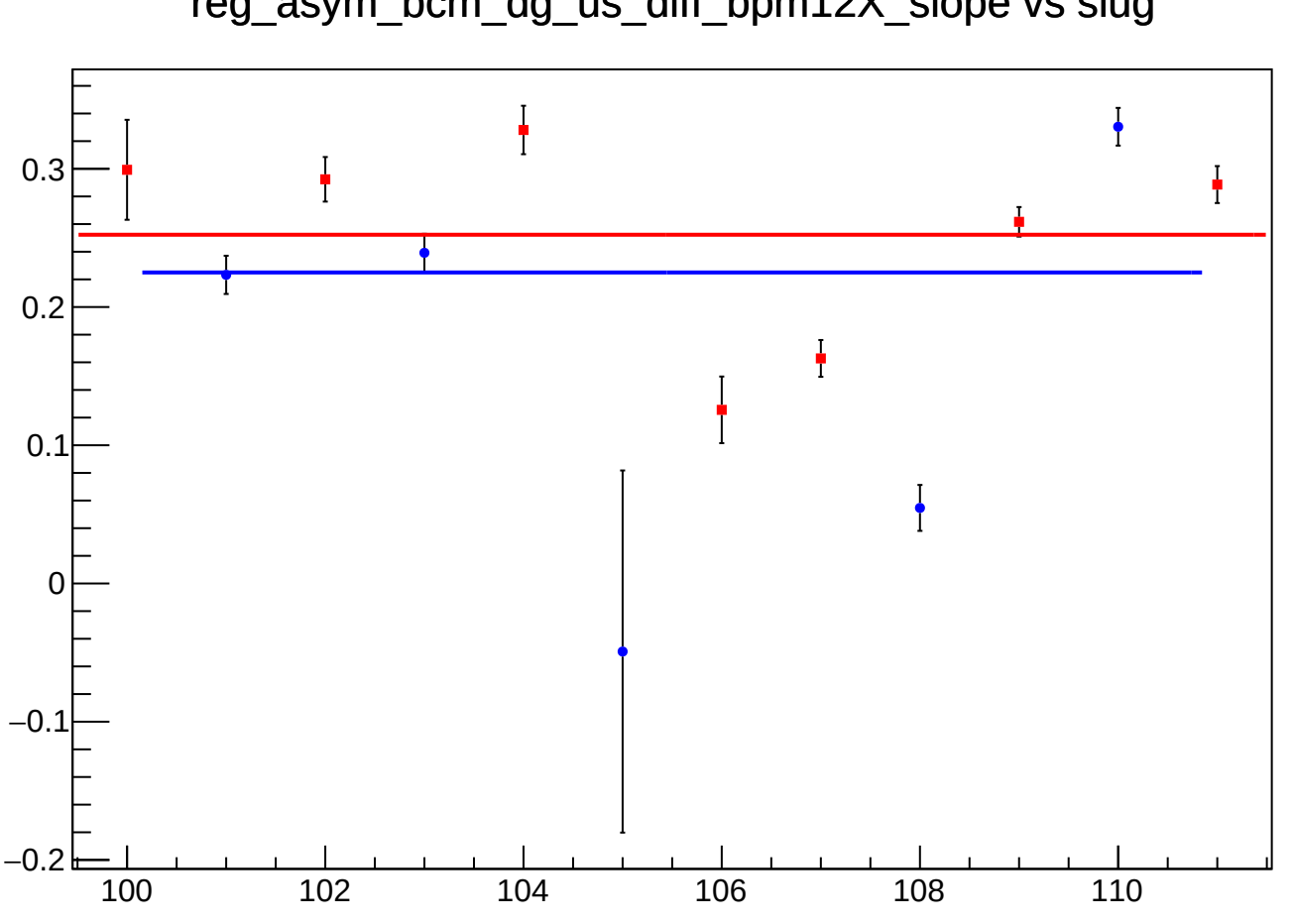
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.341+/-0.118 χ^2/NDF: 766.0/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.184+/-0.144 χ^2/NDF: 313.3/4

-0.341+/-0.118 χ^2/NDF: 766.0/6



Right In: 0.225+/-0.007 χ^2/NDF: 170.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.252+/-0.006 χ^2/NDF: 107.5/6

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

0.225+/-0.007 χ^2/NDF: 170.4/4

0.252+/-0.006 χ^2/NDF: 107.5/6