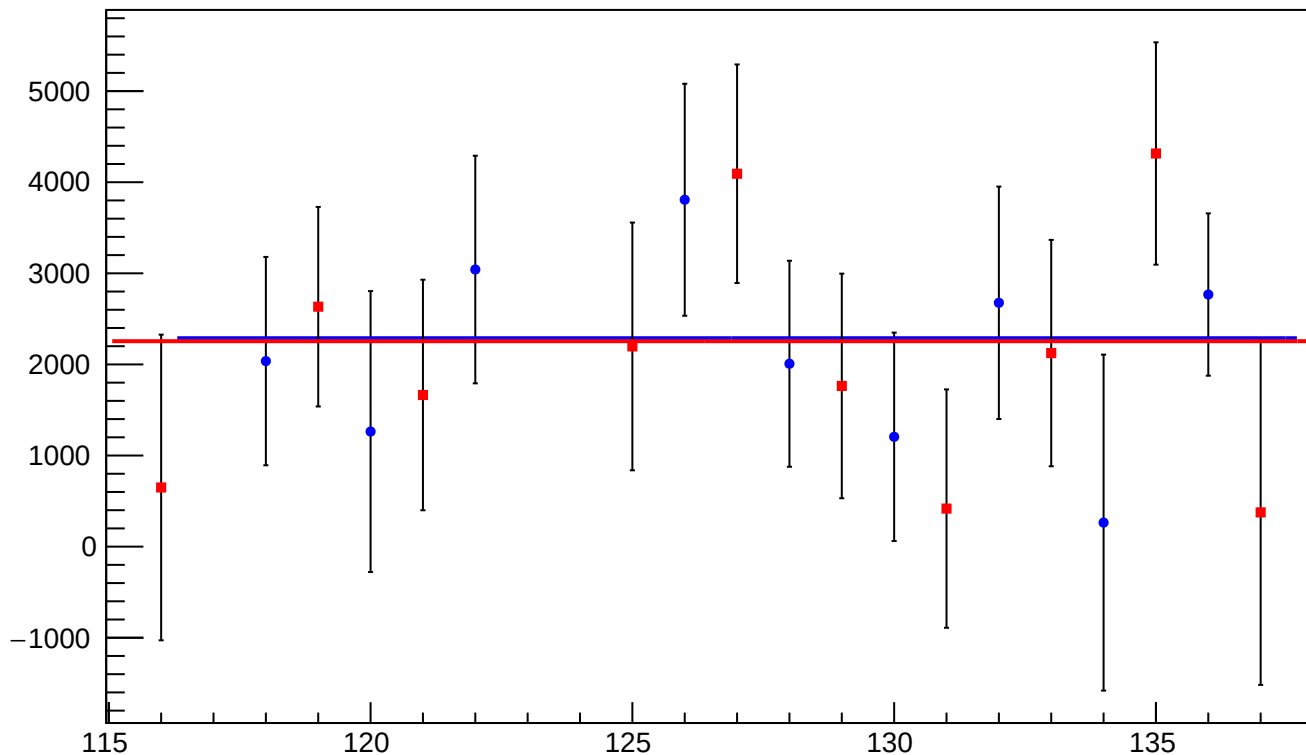


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2287.564+/-402.959 χ^2/NDF : 4.8/8

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

Right Out: 2255.081+/-412.031 χ^2/NDF : 9.6/9

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2271.684+/-288.089

χ^2/NDF : 14.4/18

In: 2287.564+/-402.959

χ^2/NDF : 4.8/8

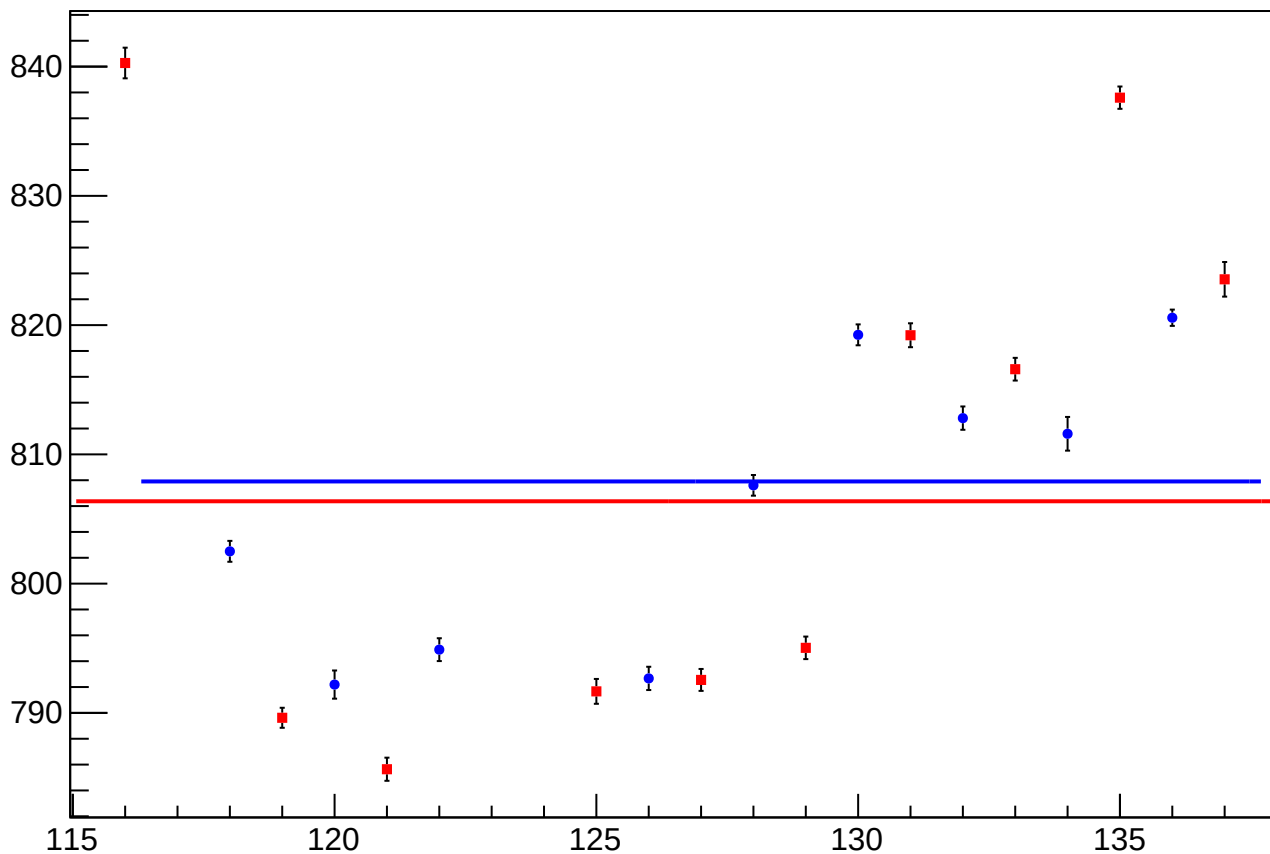
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2271.684+/-288.089

χ^2/NDF : 14.4/18

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 807.906+/-0.285 χ^2/NDF : 1394.5/8

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

Right Out: 806.372+/-0.291 χ^2/NDF : 4292.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

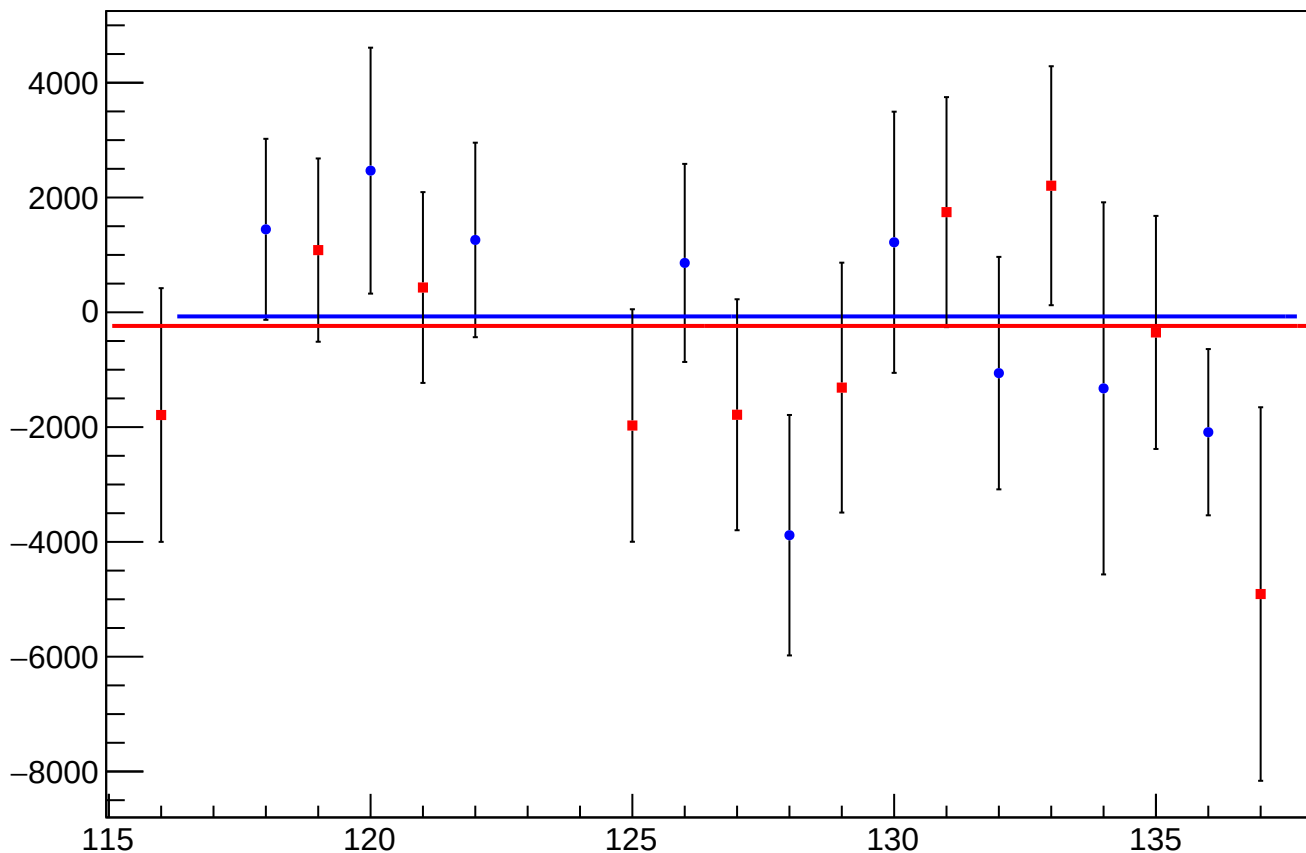
Right: 807.156+/-0.204 χ^2/NDF : 5701.4/18

In: 807.906+/-0.285 χ^2/NDF : 1394.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 807.156+/-0.204 χ^2/NDF : 5701.4/18

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -71.498+/-627.329 χ^2/NDF : 9.2/8

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

Right Out: -237.243+/-635.310 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

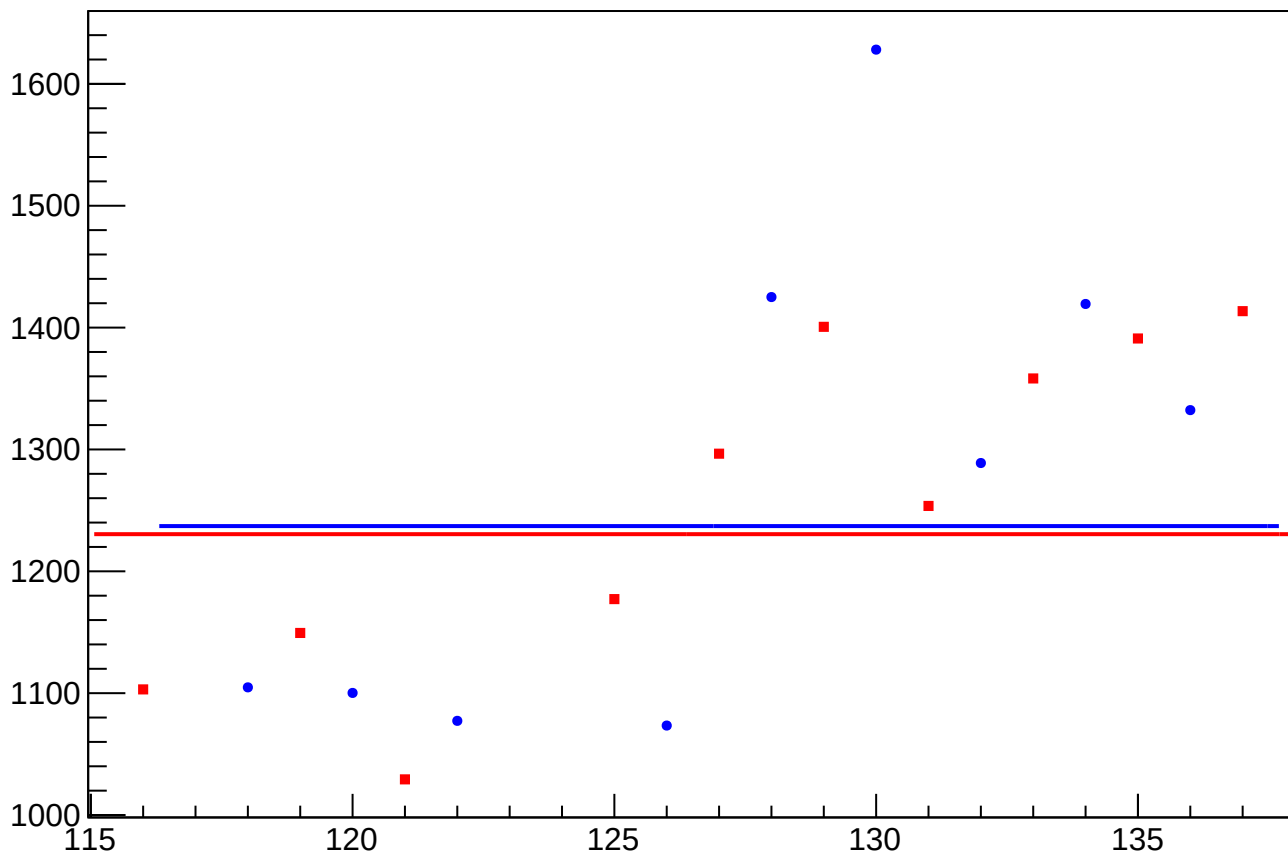
Right: -153.323+/-446.383 χ^2/NDF : 16.6/18

In: -71.498+/-627.329 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -153.323+/-446.383 χ^2/NDF : 16.6/18

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1237.115+/-0.444 χ^2/NDF : 149484.0/8

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

Right Out: 1230.486+/-0.449 χ^2/NDF : 83510.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

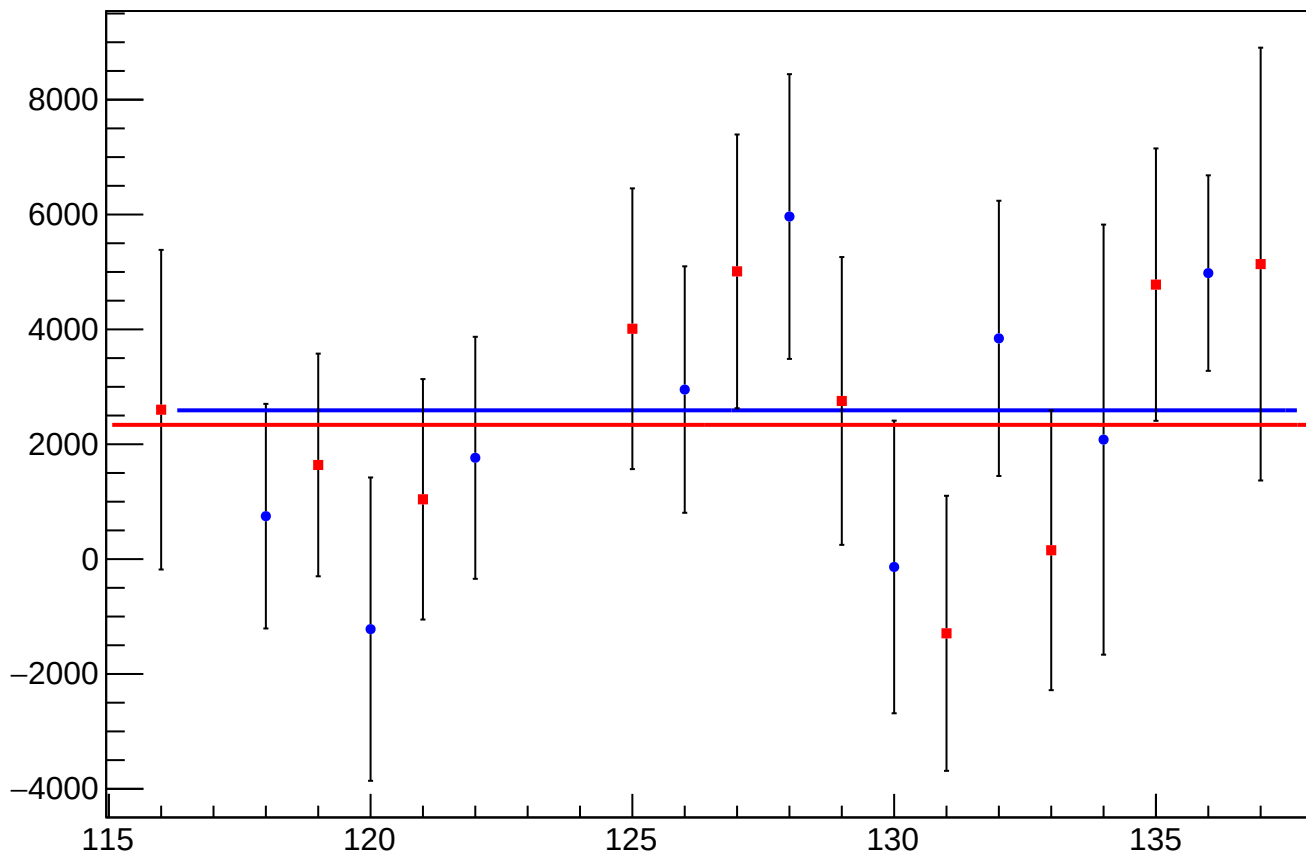
Right: 1233.842+/-0.316 χ^2/NDF : 233105.0/18

In: 1237.115+/-0.444 χ^2/NDF : 149484.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1233.842+/-0.316 χ^2/NDF : 233105.0/18

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2590.643+/-754.916 χ^2/NDF : 8.4/8

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

Right Out: 2337.700+/-763.103 χ^2/NDF : 7.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

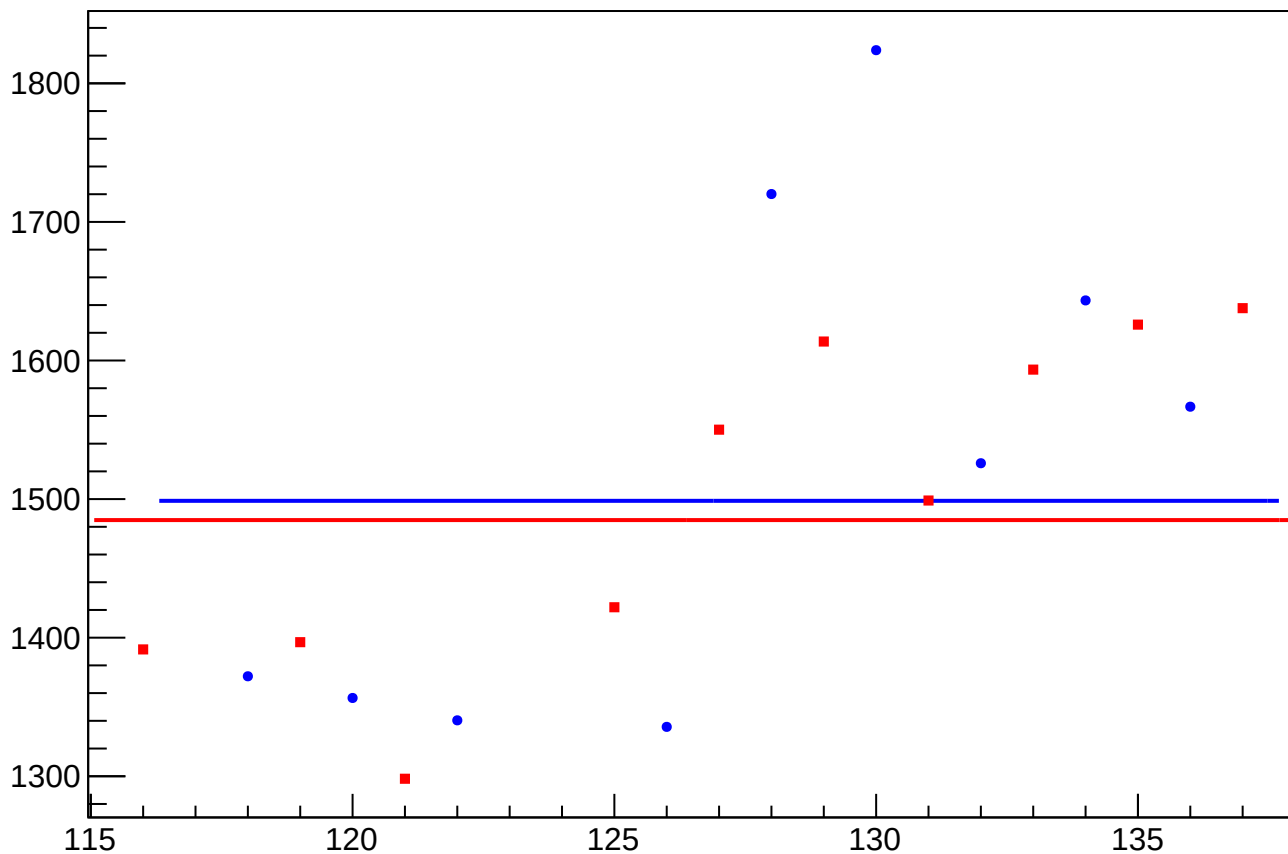
Right: 2465.535+/-536.678 χ^2/NDF : 15.5/18

In: 2590.643+/-754.916 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2465.535+/-536.678 χ^2/NDF : 15.5/18

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1498.745+/-0.534 χ^2/NDF : 91993.3/8

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

Right Out: 1484.851+/-0.540 χ^2/NDF : 44802.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

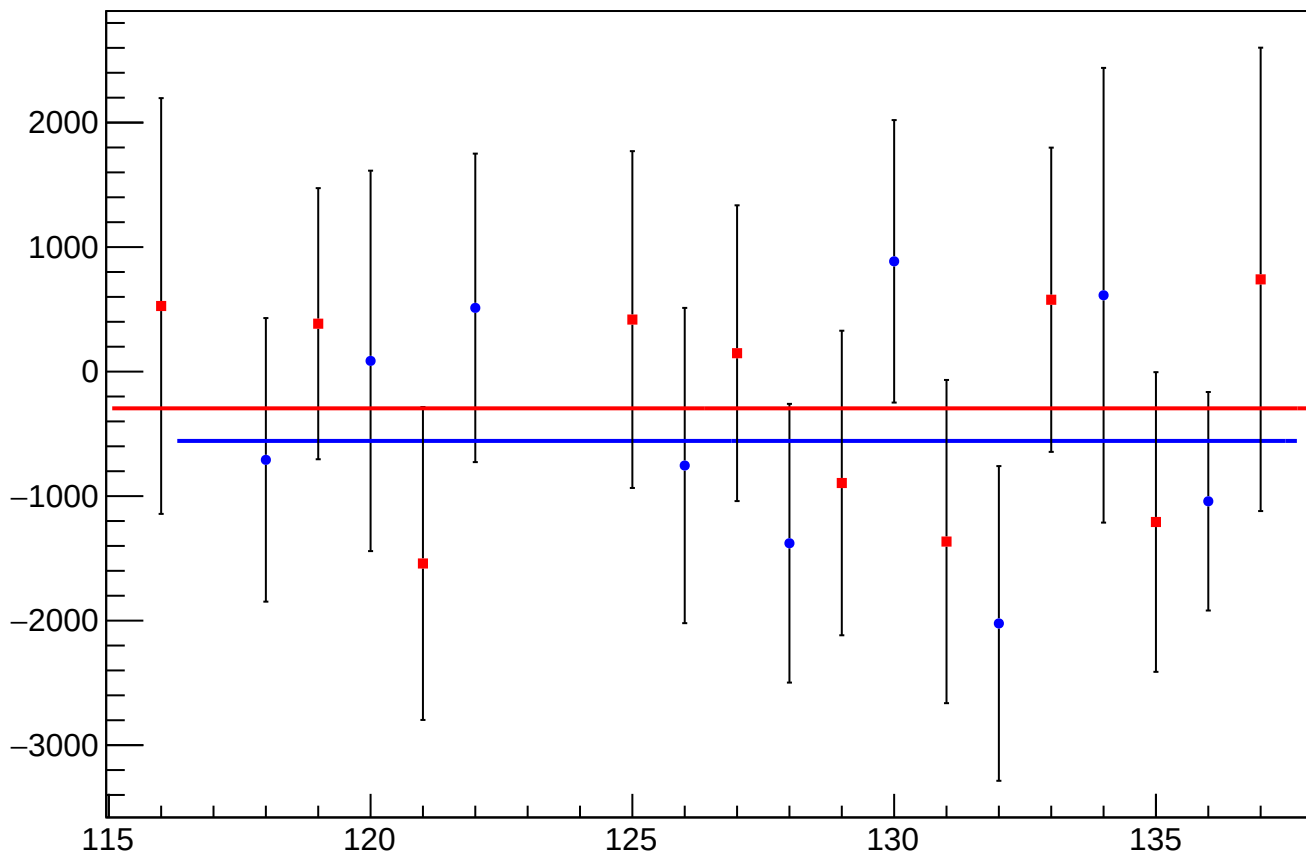
Right: 1491.873+/-0.379 χ^2/NDF : 137131.0/18

In: 1498.745+/-0.534 χ^2/NDF : 91993.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.873+/-0.379 χ^2/NDF : 137131.0/18

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -556.719+/-399.193 χ^2/NDF : 5.2/8

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

Right Out: -295.009+/-408.161 χ^2/NDF : 4.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

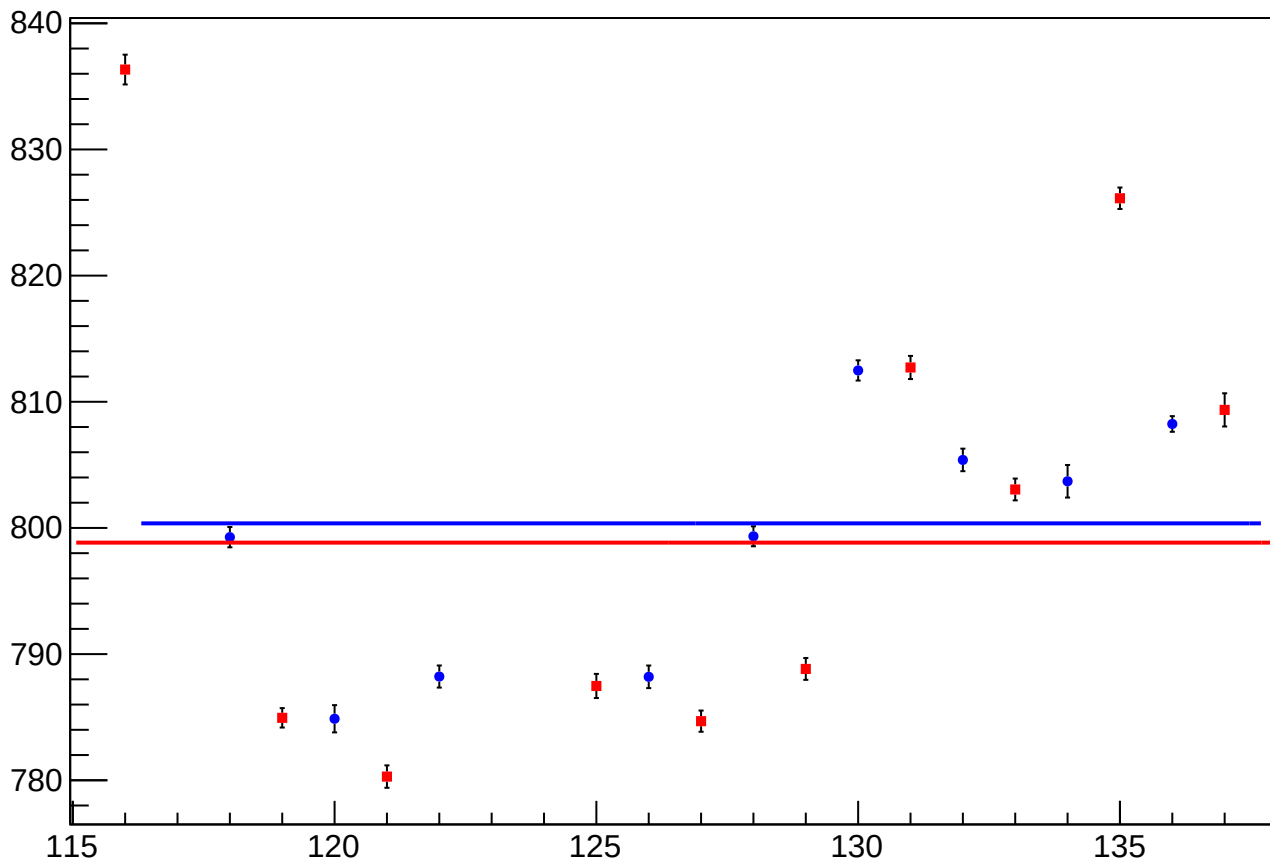
Right: -428.771+/-285.390 χ^2/NDF : 9.7/18

In: -556.719+/-399.193 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -428.771+/-285.390 χ^2/NDF : 9.7/18

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 800.364+/-0.282 χ^2/NDF : 1013.7/8

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

Right Out: 798.837+/-0.289 χ^2/NDF : 3674.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

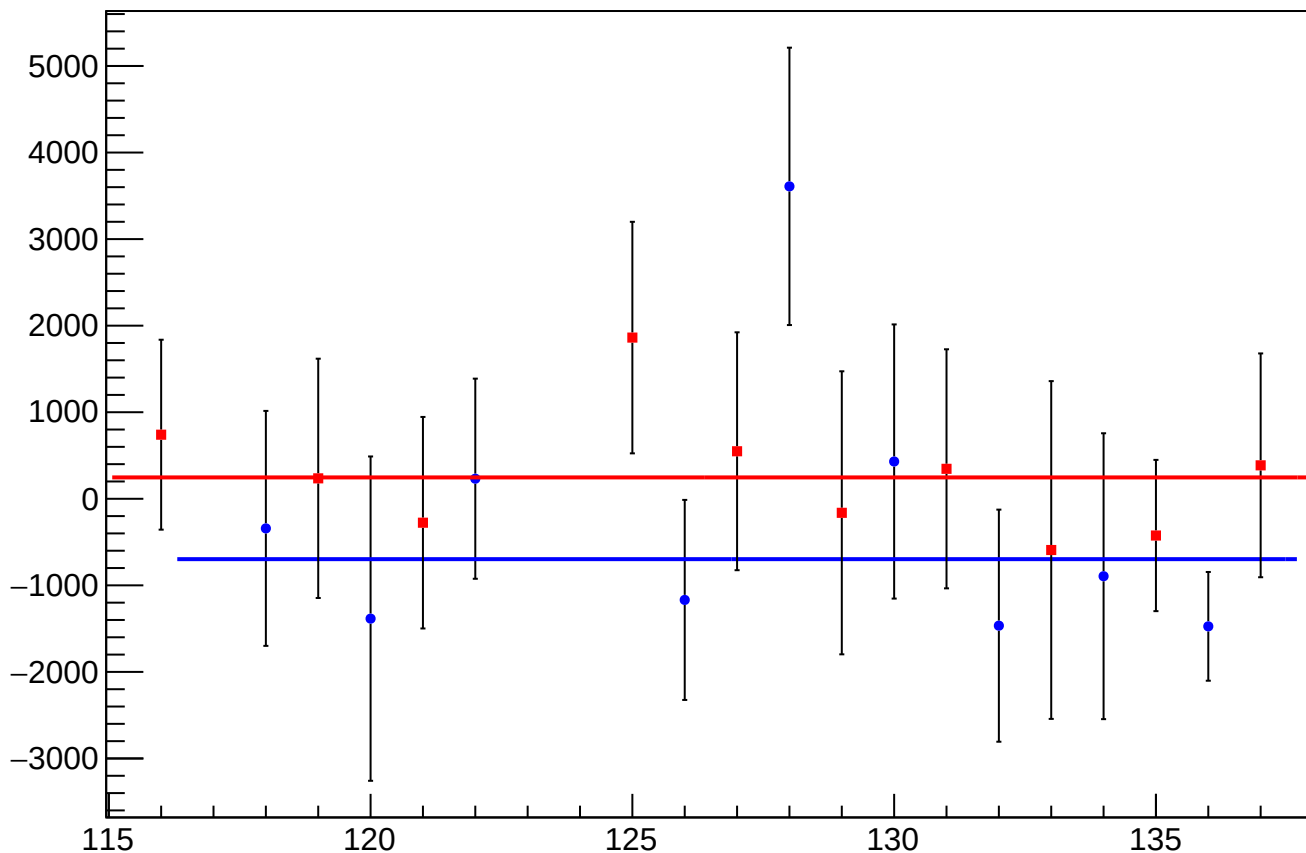
Right: 799.617+/-0.202 χ^2/NDF : 4702.2/18

In: 800.364+/-0.282 χ^2/NDF : 1013.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.617+/-0.202 χ^2/NDF : 4702.2/18

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -697.384+/-390.115 χ^2/NDF : 10.6/8

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

Right Out: 246.863+/-402.182 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

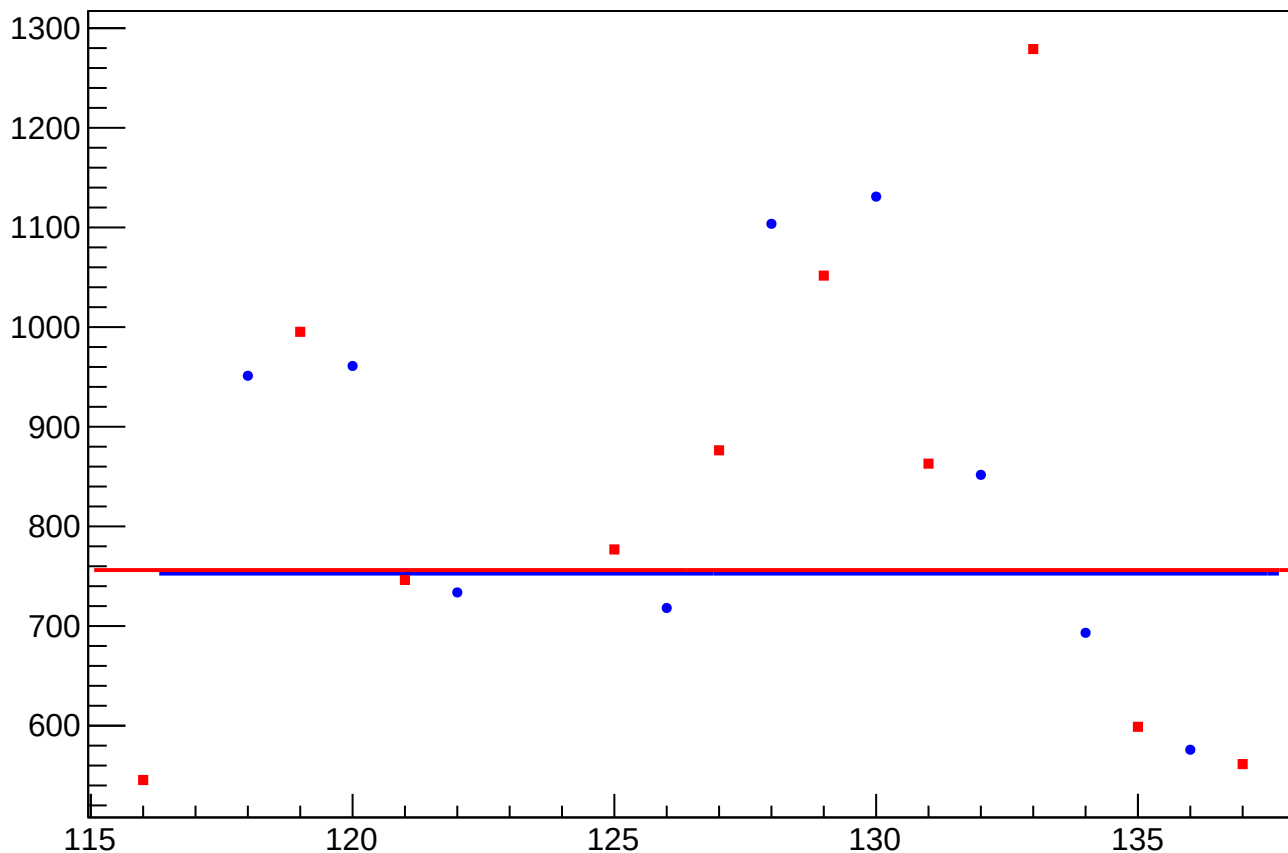
Right: -239.639+/-280.022 χ^2/NDF : 16.2/18

In: -697.384+/-390.115 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.639+/-280.022 χ^2/NDF : 16.2/18

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 752.654+/-0.276 χ^2/NDF : 451857.9/8

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

Right Out: 756.170+/-0.284 χ^2/NDF : 480641.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

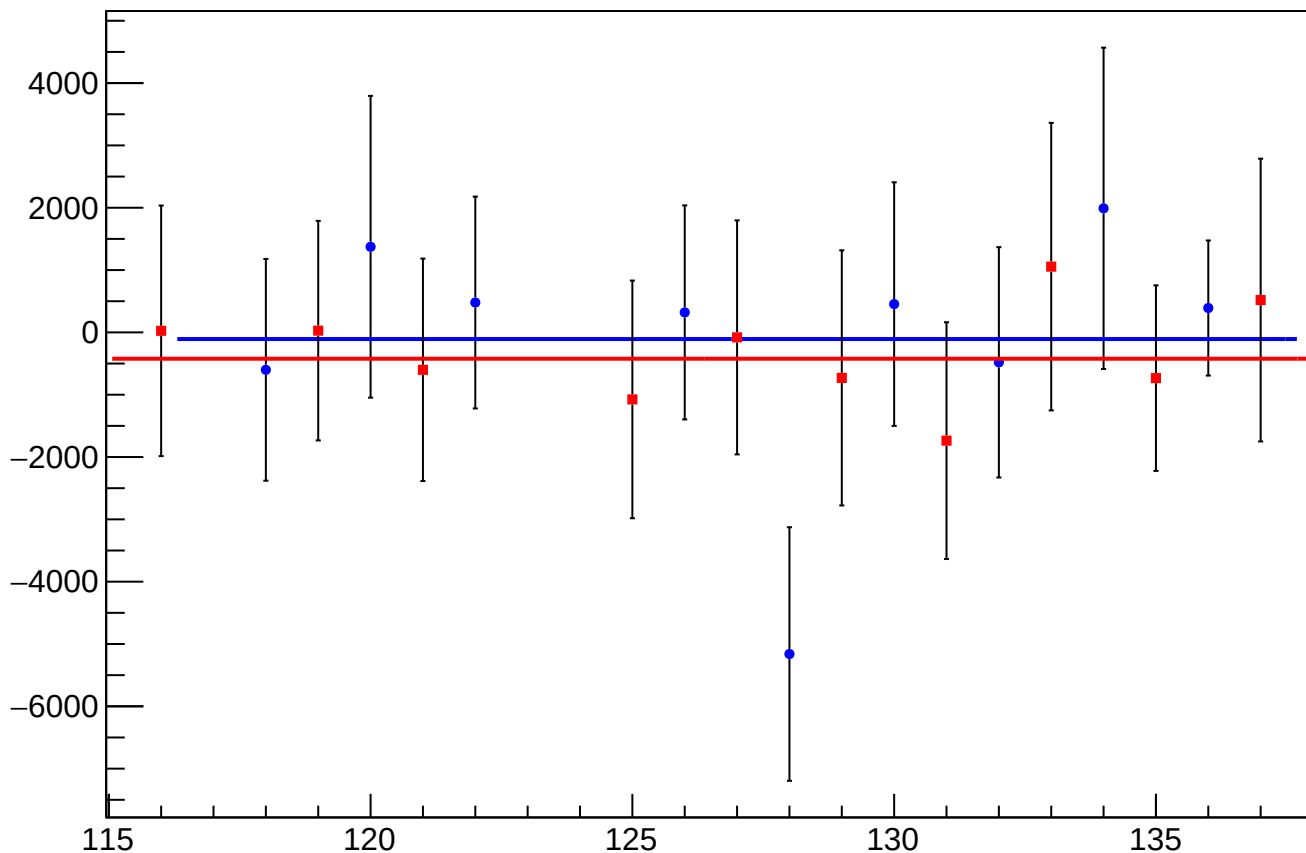
Right: 754.359+/-0.198 χ^2/NDF : 932578.0/18

In: 752.654+/-0.276 χ^2/NDF : 451857.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.359+/-0.198 χ^2/NDF : 932578.0/18

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -106.885+/-580.282 χ^2/NDF : 7.8/8

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

Right Out: -422.639+/-598.541 χ^2/NDF : 1.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

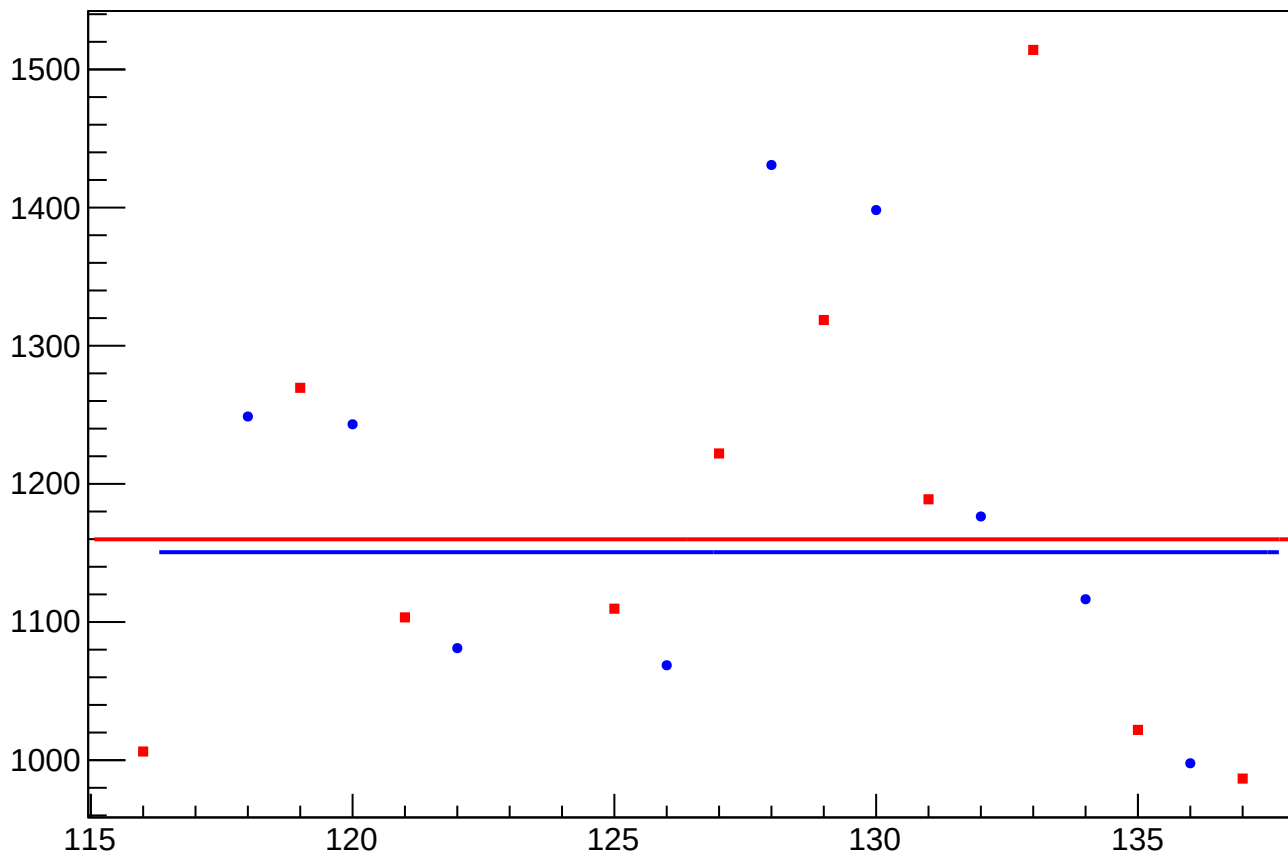
Right: -259.873+/-416.627 χ^2/NDF : 9.3/18

In: -106.885+/-580.282 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.873+/-416.627 χ^2/NDF : 9.3/18

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1150.548+/-0.410 χ^2/NDF : 127477.6/8

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

Right Out: 1159.884+/-0.423 χ^2/NDF : 113496.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

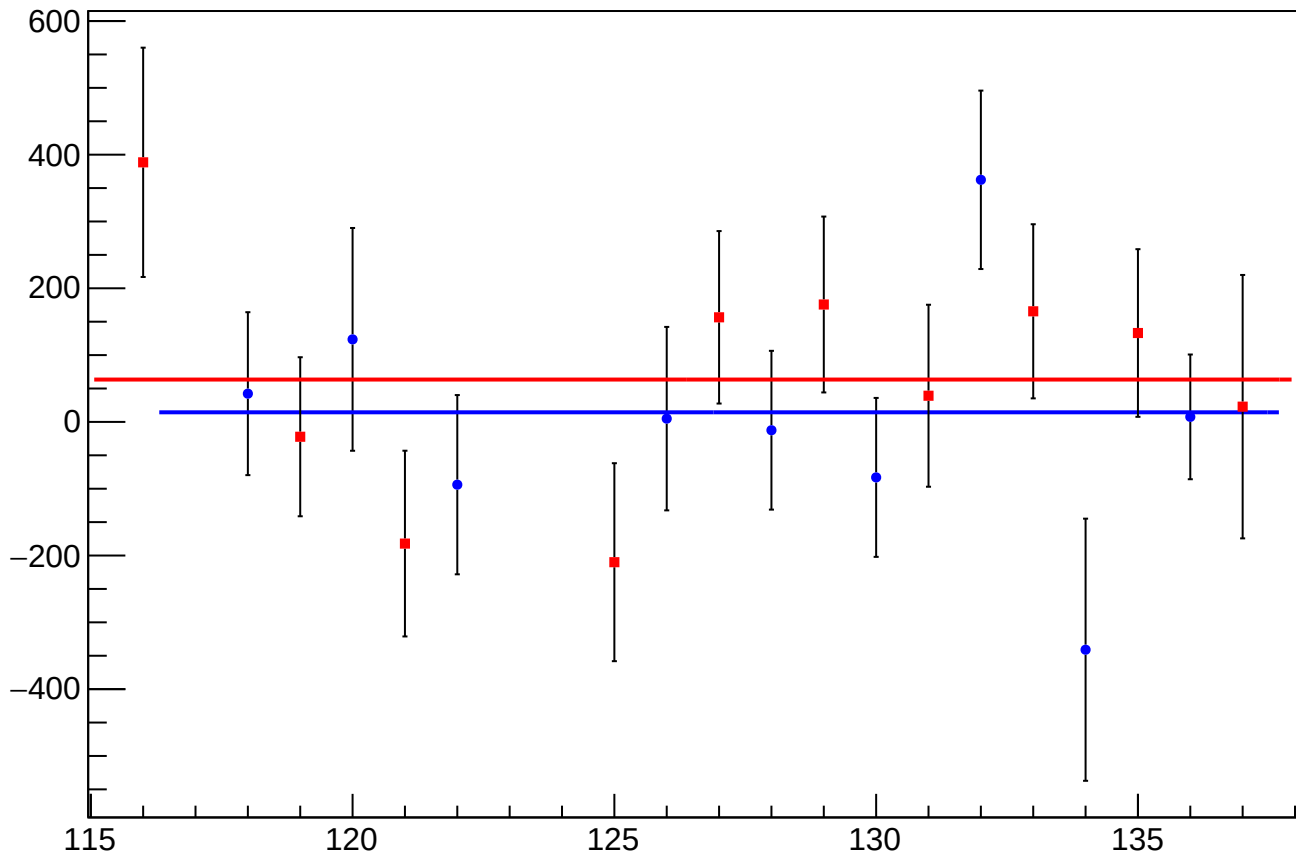
Right: 1155.071+/-0.295 χ^2/NDF : 241224.5/18

In: 1150.548+/-0.410 χ^2/NDF : 127477.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.071+/-0.295 χ^2/NDF : 241224.5/18

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: 14.371+/-42.634 χ^2/NDF : 11.9/8

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

Right Out: 63.405+/-43.785 χ^2/NDF : 12.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

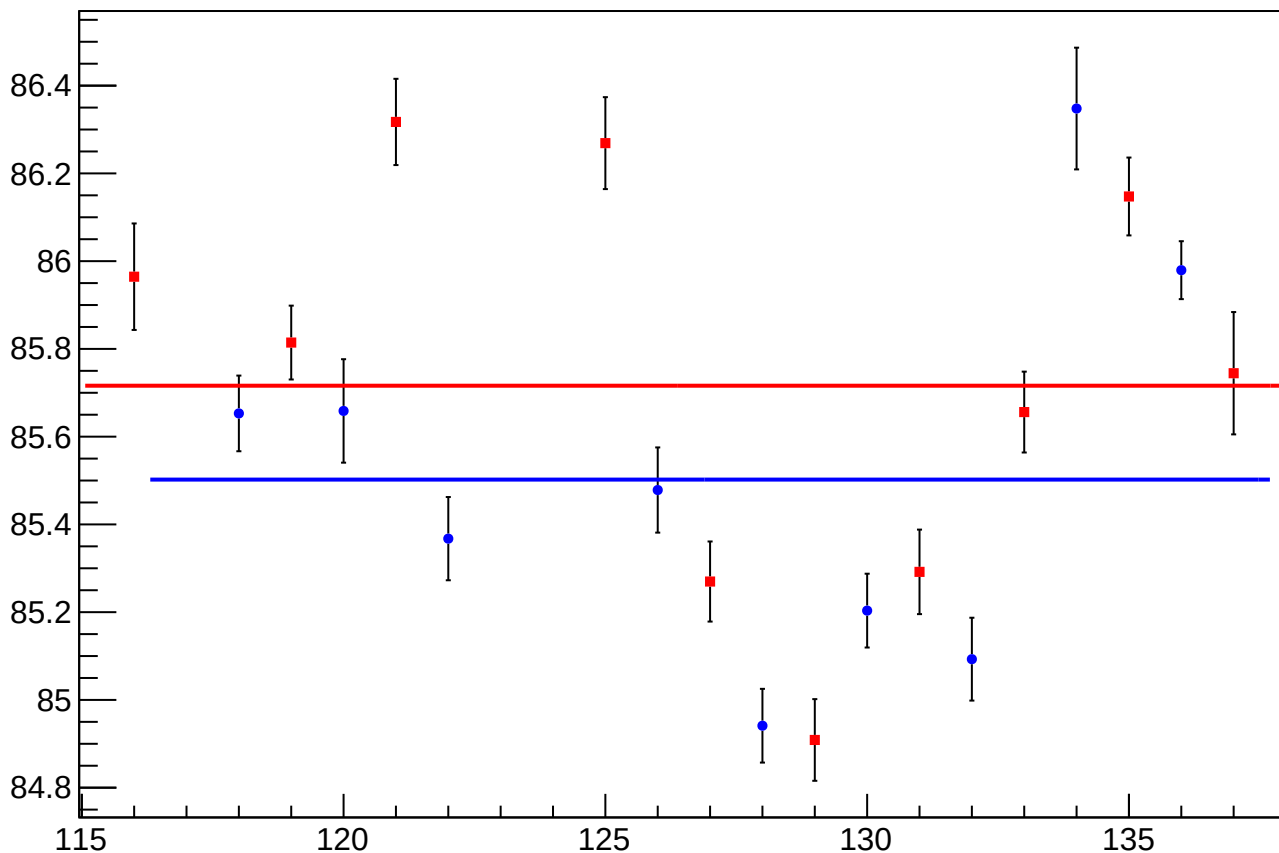
Right: 38.235+/-30.546 χ^2/NDF : 25.5/18

In: 14.371+/-42.634 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.235+/-30.546 χ^2/NDF : 25.5/18

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 85.502 $\pm$ 0.030 χ^2 /NDF: 172.3/8

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

Right Out: 85.716 $\pm$ 0.031 χ^2 /NDF: 213.5/9

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

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

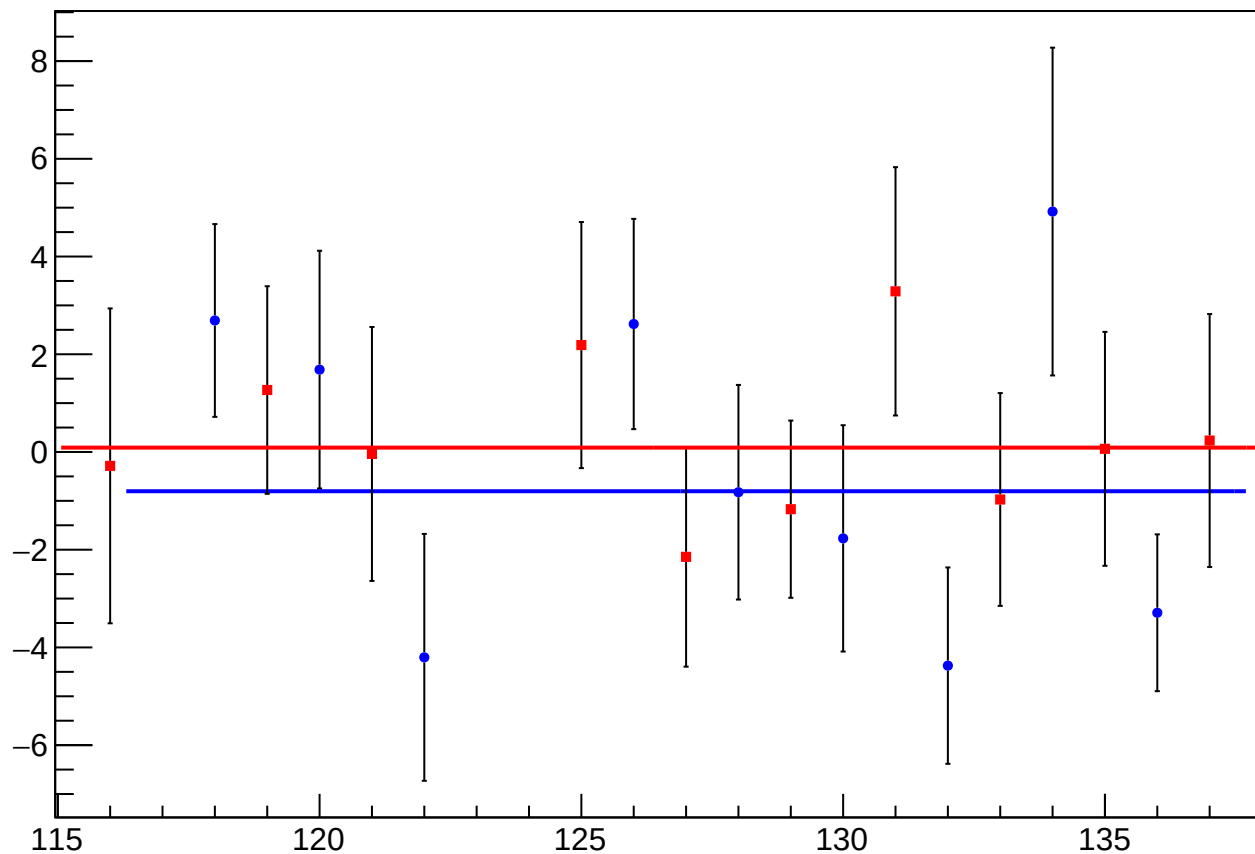
Right: 85.606 $\pm$ 0.022 χ^2 /NDF: 410.3/18

In: 85.502 $\pm$ 0.030 χ^2 /NDF: 172.3/8

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

All: 85.606 $\pm$ 0.022 χ^2 /NDF: 410.3/18

asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: -0.803 $\pm$ 0.722 χ^2 /NDF: 17.2/8

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

Right Out: 0.089 $\pm$ 0.742 χ^2 /NDF: 4.3/9

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

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

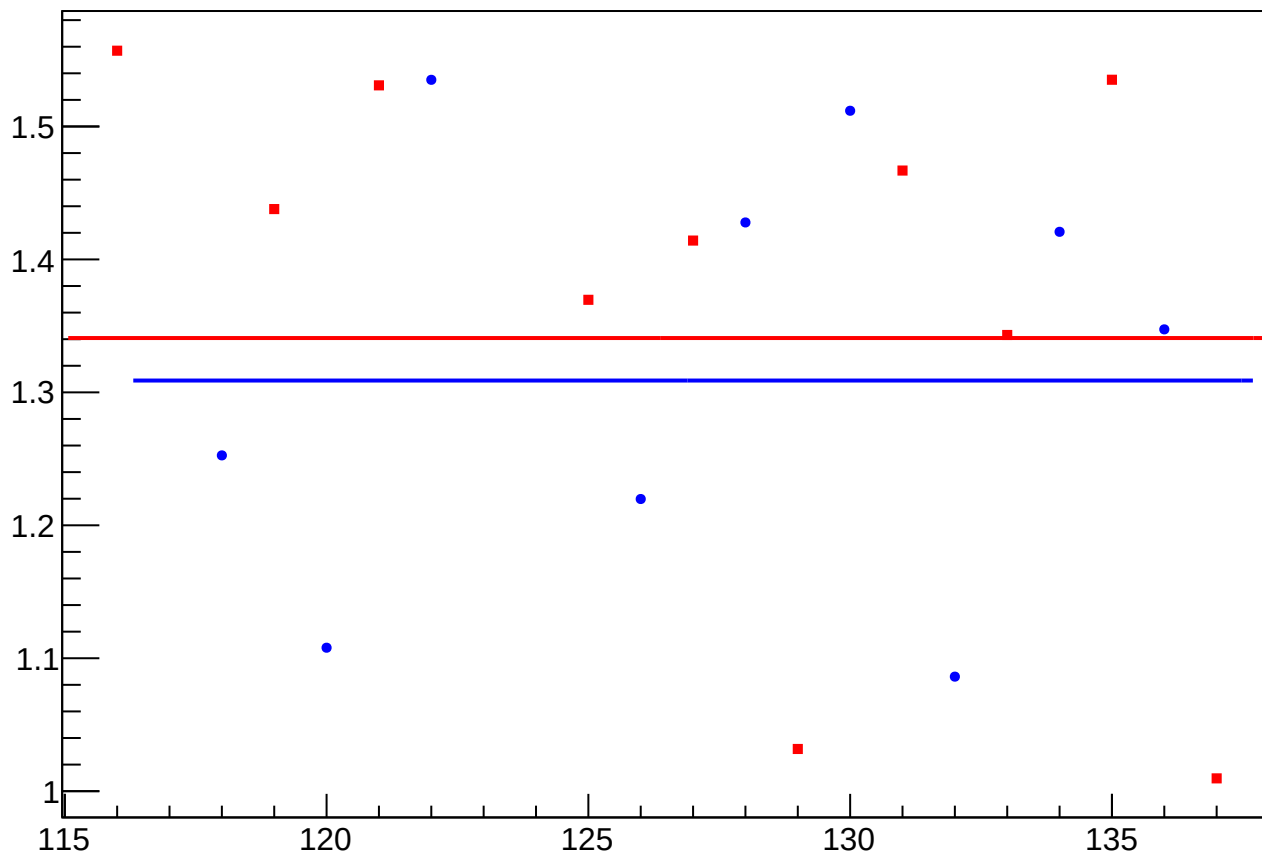
Right: -0.369 $\pm$ 0.518 χ^2 /NDF: 22.2/18

In: -0.803 $\pm$ 0.722 χ^2 /NDF:17.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.369 $\pm$ 0.518 χ^2 /NDF: 22.2/18

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 1.309+/-0.001 χ^2/NDF : 83911.2/8

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

Right Out: 1.341+/-0.001 χ^2/NDF : 135205.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

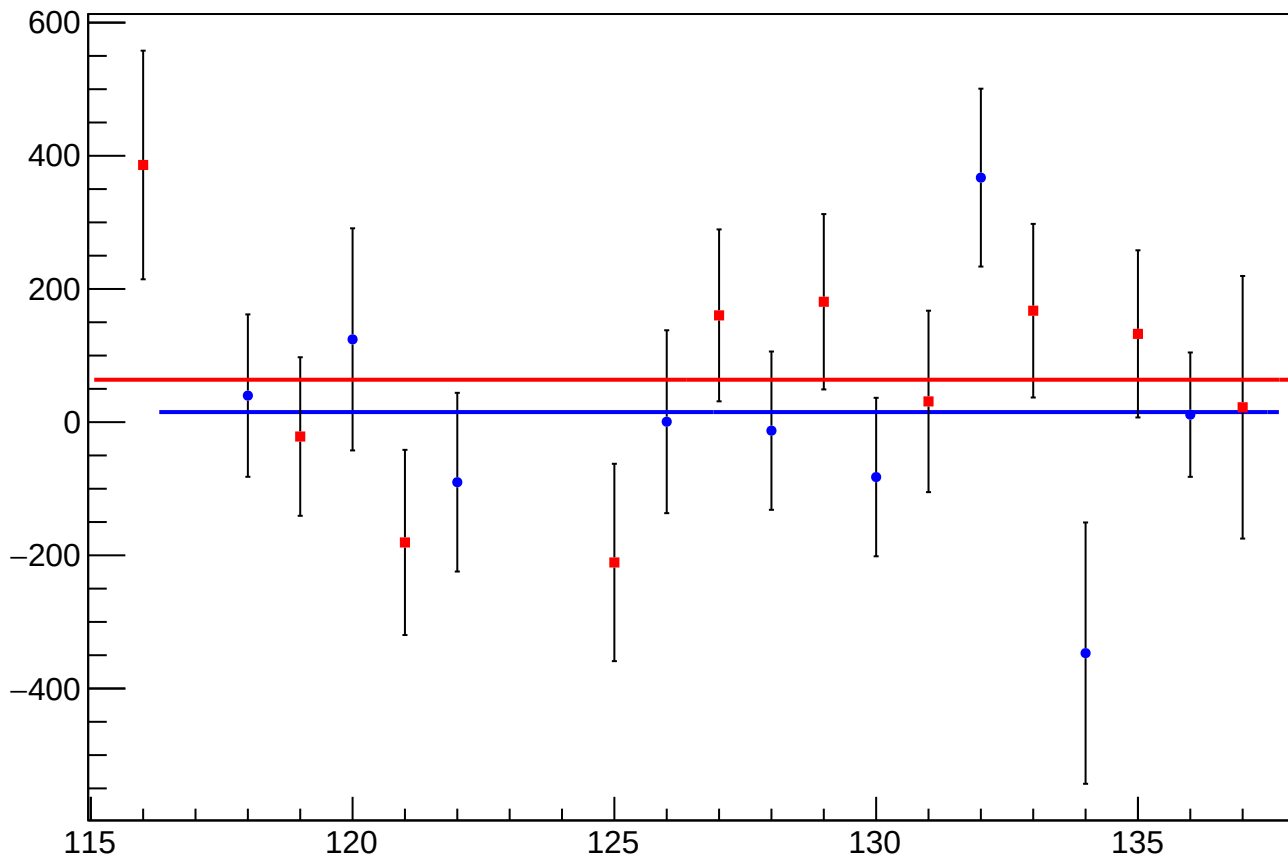
Right: 1.324+/-0.000 χ^2/NDF : 221023.0/18

In: 1.309+/-0.001 χ^2/NDF : 83911.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.324+/-0.000 χ^2/NDF : 221023.0/18

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: 15.128+/-42.646 χ^2/NDF : 12.2/8

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

Right Out: 63.710+/-43.795 χ^2/NDF : 12.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

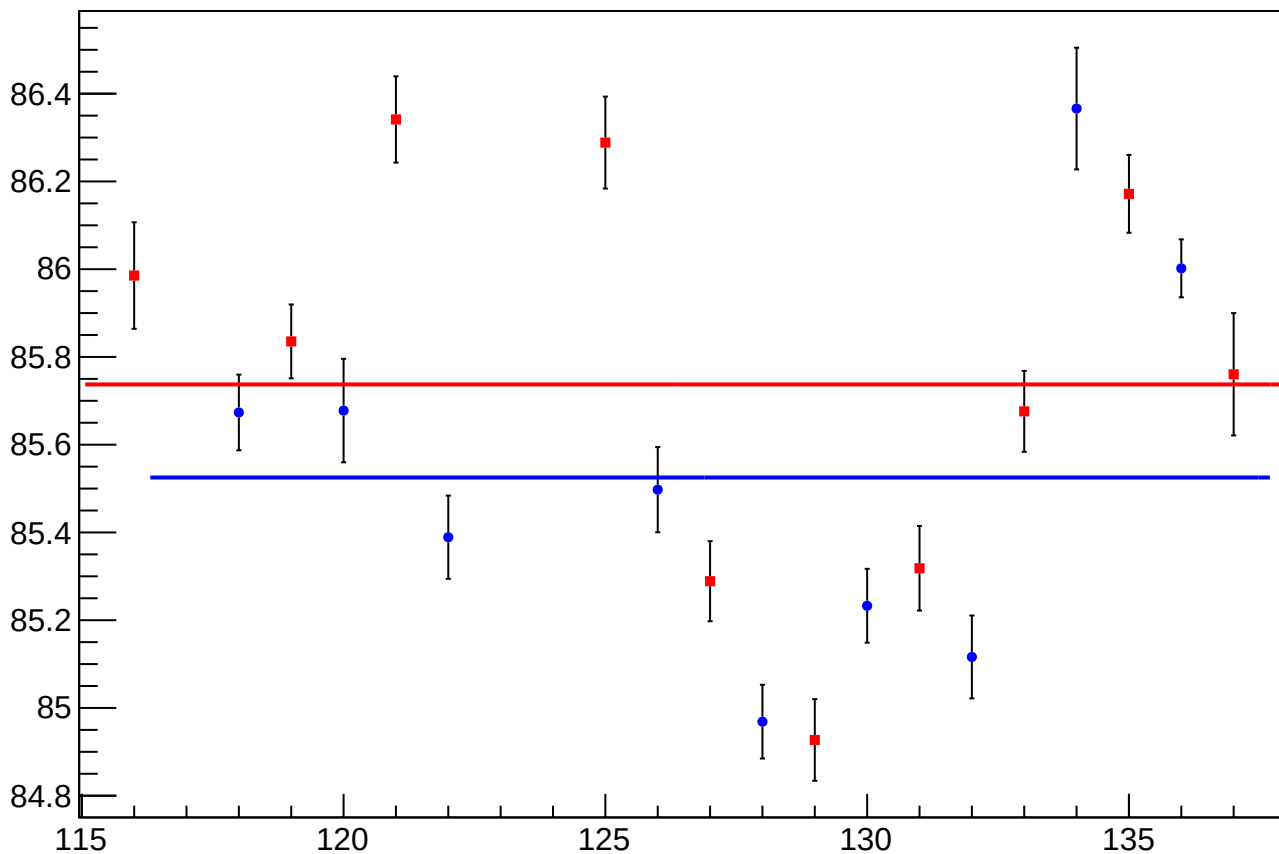
Right: 38.773+/-30.553 χ^2/NDF : 25.8/18

In: 15.128+/-42.646 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.773+/-30.553 χ^2/NDF : 25.8/18

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 85.525+/-0.030 χ^2/NDF : 170.3/8

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

Right Out: 85.737+/-0.031 χ^2/NDF : 214.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

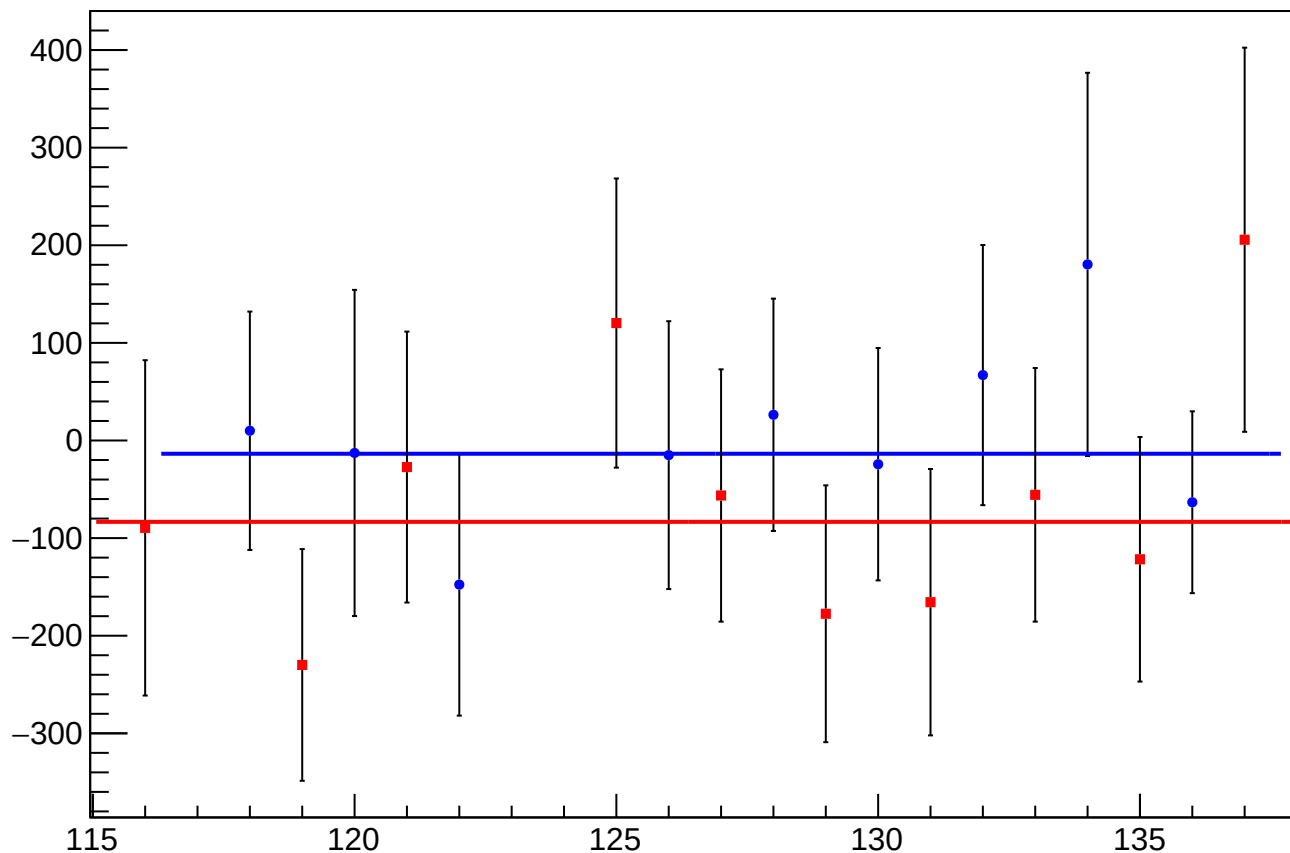
Right: 85.628+/-0.022 χ^2/NDF : 408.6/18

In: 85.525+/-0.030 χ^2/NDF : 170.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.628+/-0.022 χ^2/NDF : 408.6/18

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: -13.585 ± 42.631 $\chi^2/\text{NDF}: 2.8/8$

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

Right Out: -83.349 ± 43.747 $\chi^2/\text{NDF}: 6.8/9$

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

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

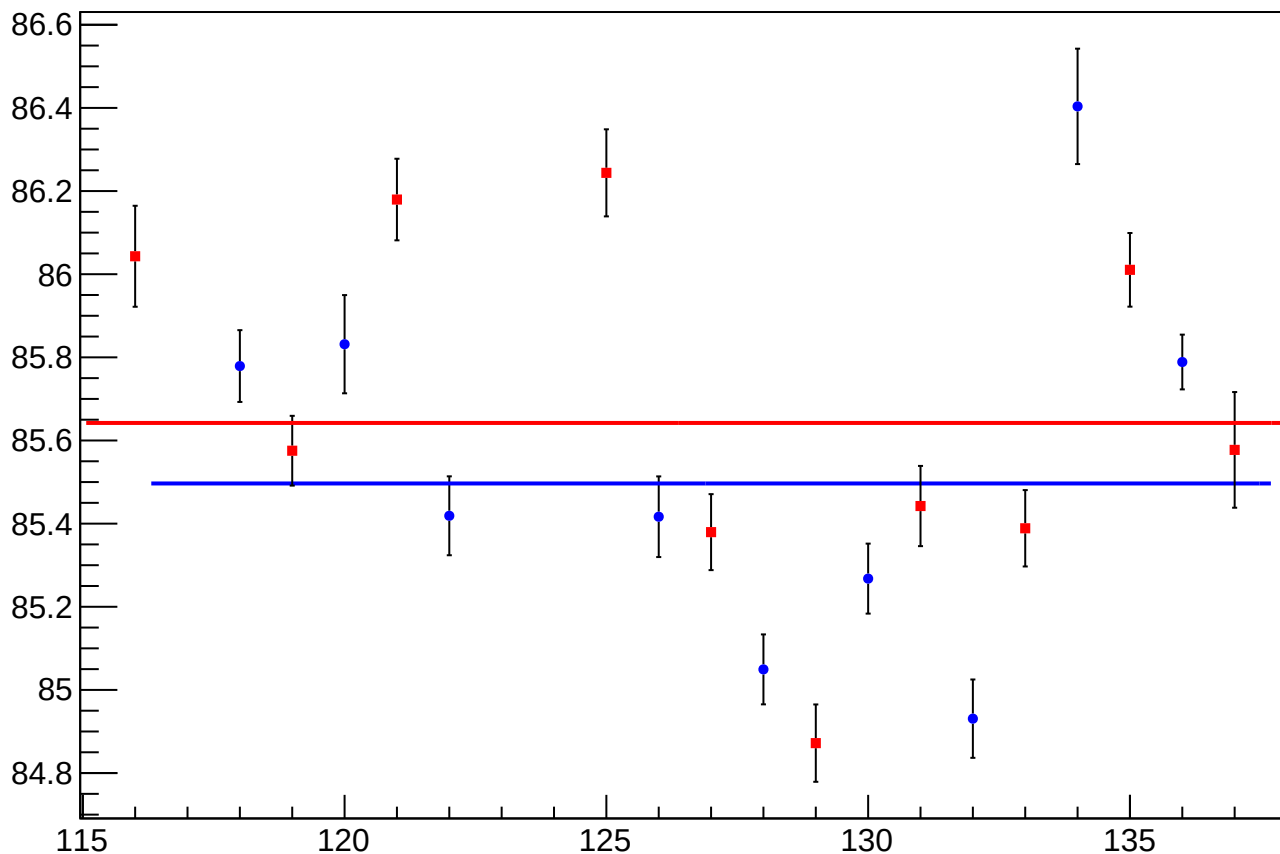
Right: -47.566 ± 30.532 $\chi^2/\text{NDF}: 10.9/18$

In: -13.585 ± 42.631 $\chi^2/\text{NDF}: 2.8/8$

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

All: -47.566 ± 30.532 $\chi^2/\text{NDF}: 10.9/18$

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 85.497+/-0.030 χ^2/NDF : 154.2/8

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

Right Out: 85.642+/-0.031 χ^2/NDF : 180.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

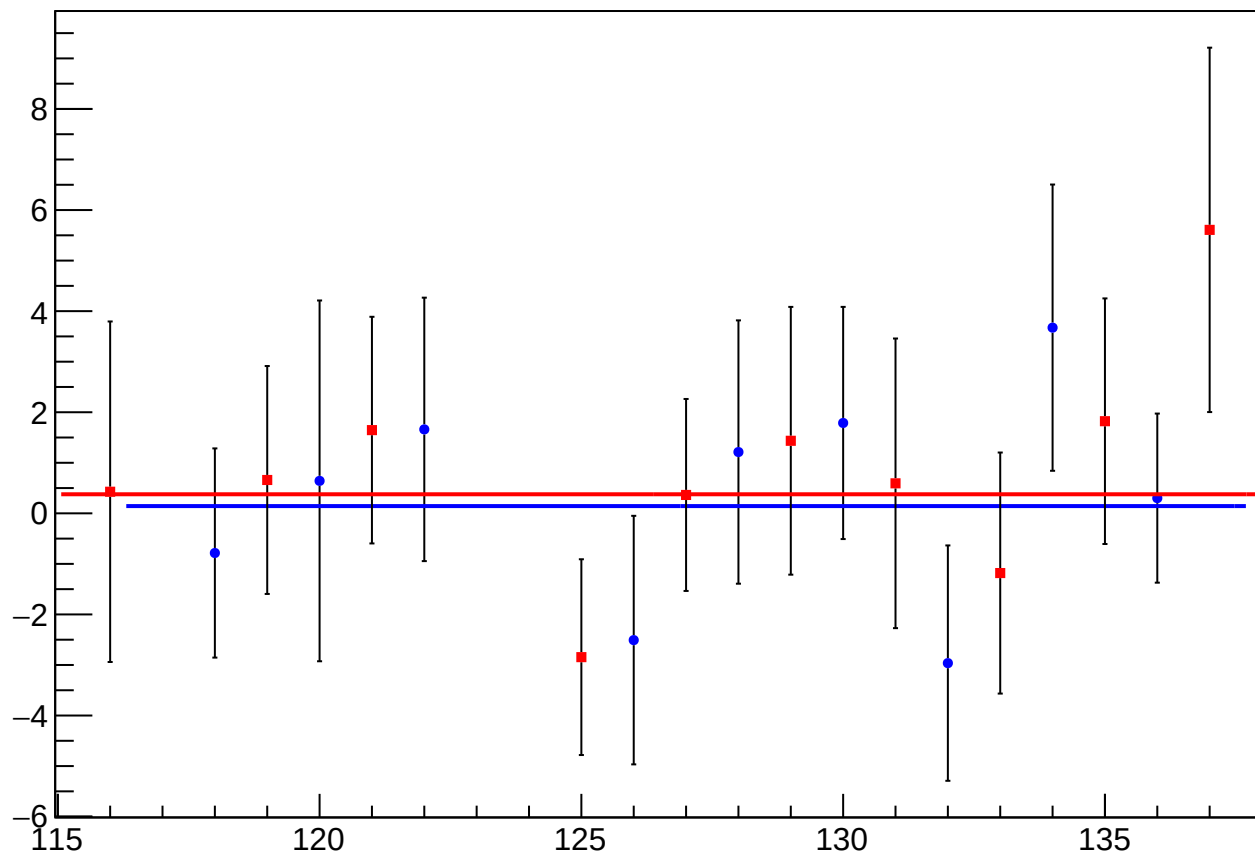
Right: 85.568+/-0.022 χ^2/NDF : 346.2/18

In: 85.497+/-0.030 χ^2/NDF : 154.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.568+/-0.022 χ^2/NDF : 346.2/18

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.143+/-0.784 χ^2/NDF : 5.7/8

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

Right Out: 0.377+/-0.764 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

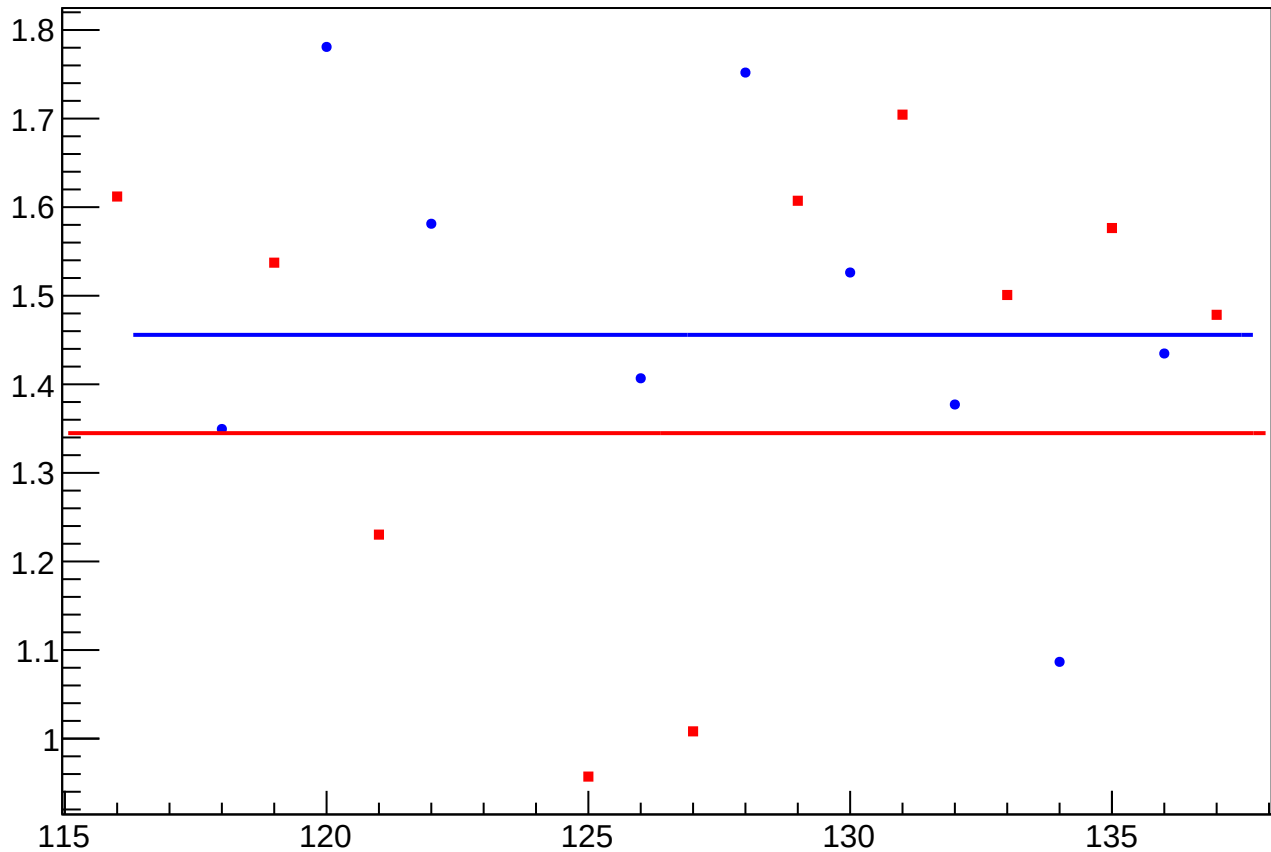
Right: 0.263+/-0.547 χ^2/NDF : 12.0/18

In: 0.143+/-0.784 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.263+/-0.547 χ^2/NDF : 12.0/18

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 1.456+/-0.001 χ^2/NDF : 91622.5/8

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

Right Out: 1.345+/-0.001 χ^2/NDF : 256026.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

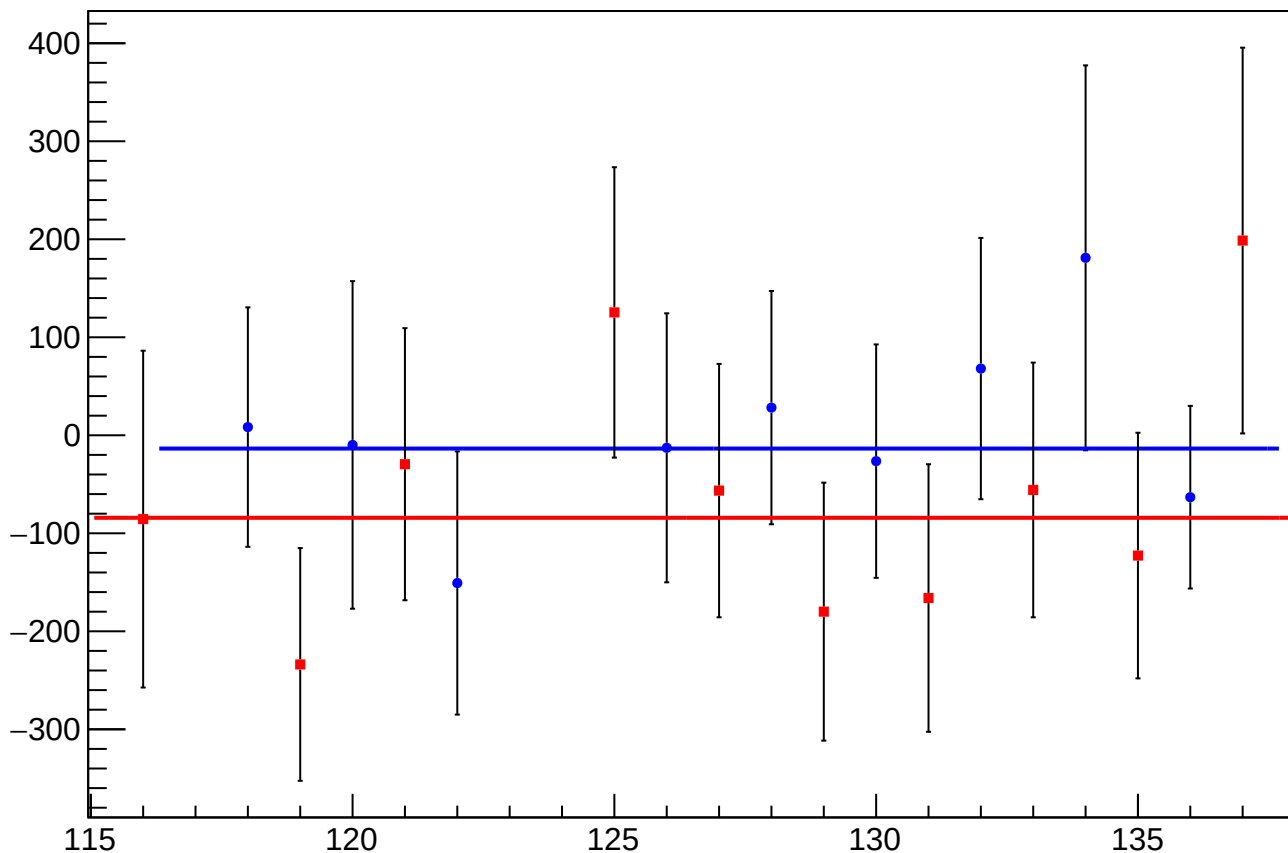
Right: 1.399+/-0.000 χ^2/NDF : 368210.5/18

In: 1.456+/-0.001 χ^2/NDF : 91622.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.399+/-0.000 χ^2/NDF : 368210.5/18

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: -13.545+/-42.643 χ^2/NDF : 2.9/8

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

Right Out: -84.197+/-43.759 χ^2/NDF : 6.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

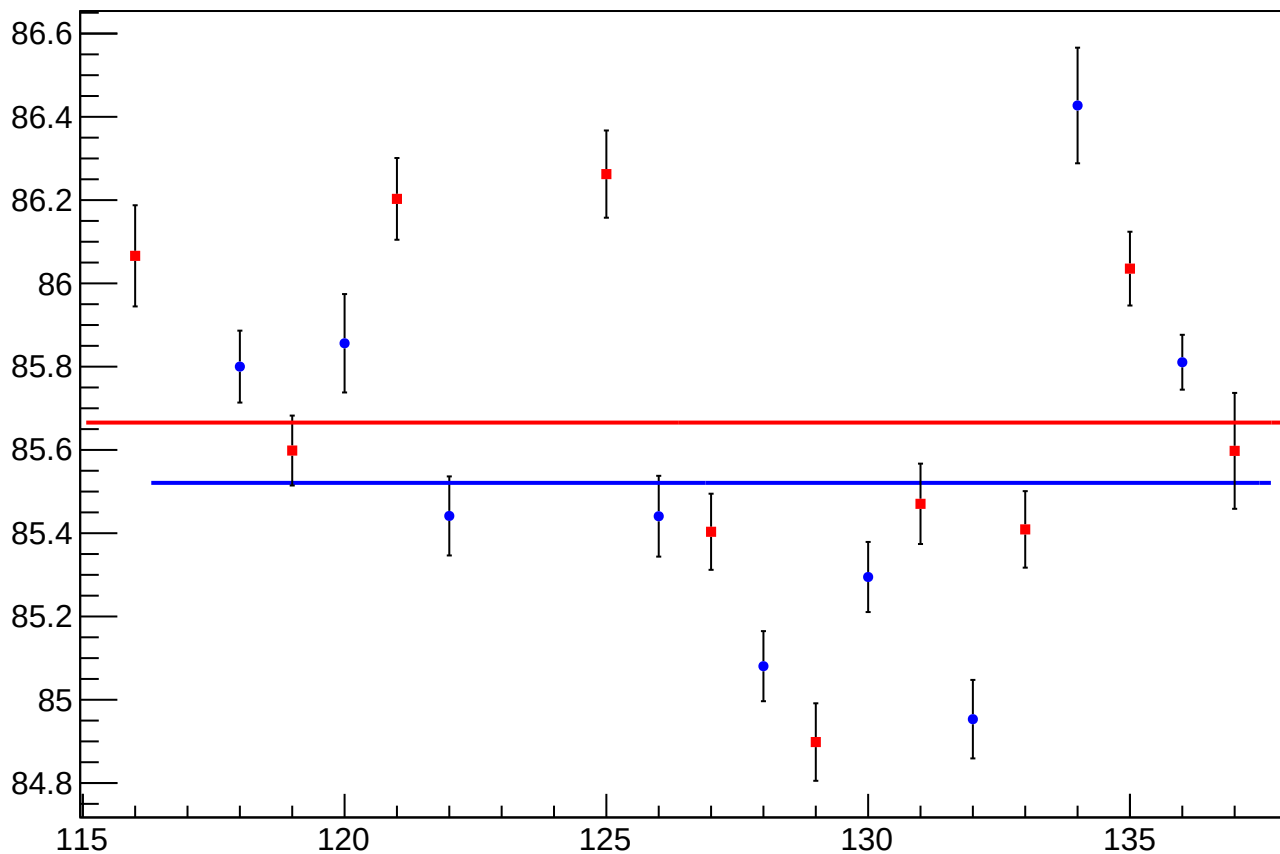
Right: -47.959+/-30.540 χ^2/NDF : 11.1/18

In: -13.545+/-42.643 χ^2/NDF : 2.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.959+/-30.540 χ^2/NDF : 11.1/18

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 85.521+/-0.030 χ^2/NDF : 152.6/8

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

Right Out: 85.666+/-0.031 χ^2/NDF : 179.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

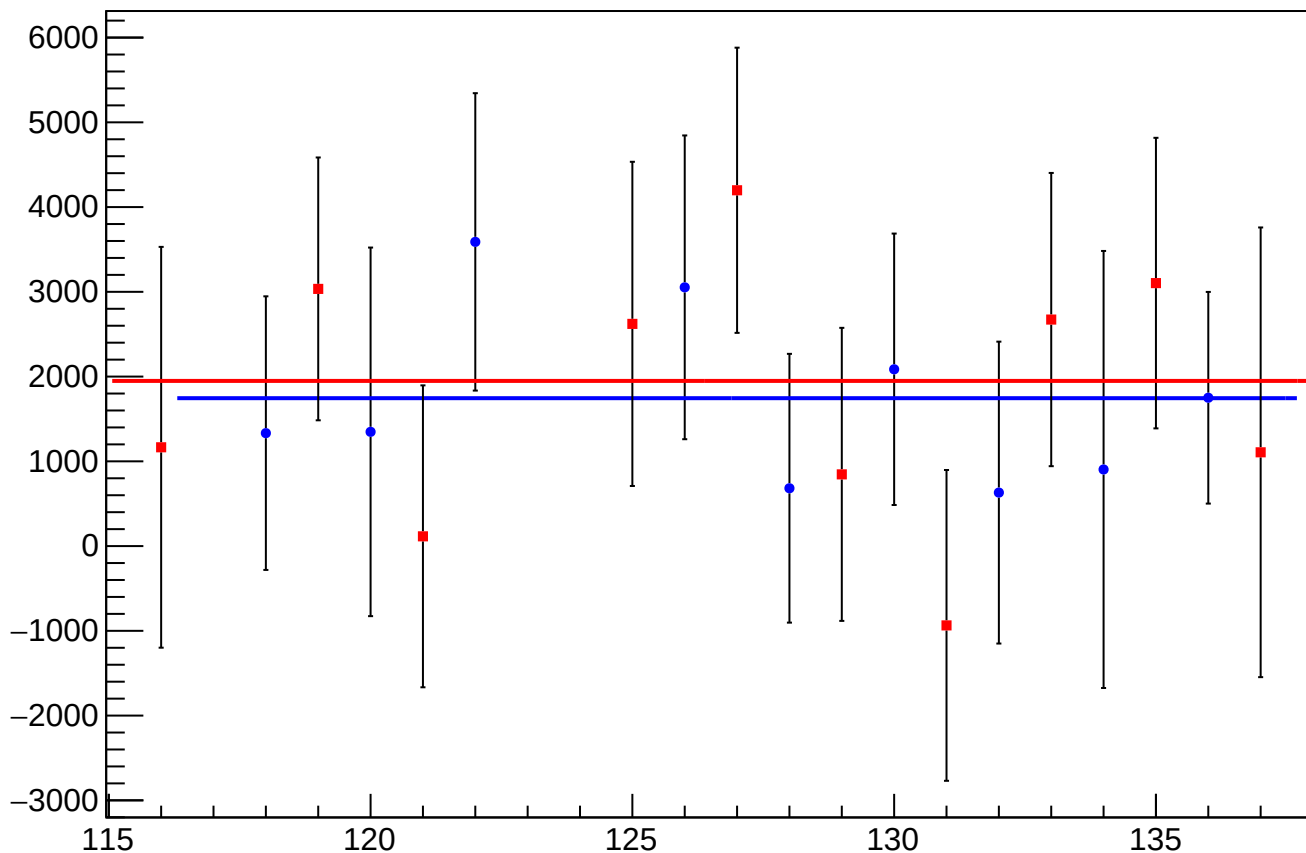
Right: 85.591+/-0.022 χ^2/NDF : 343.5/18

In: 85.521+/-0.030 χ^2/NDF : 152.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.591+/-0.022 χ^2/NDF : 343.5/18

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1745.126+/-565.593 χ^2/NDF : 2.7/8

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

Right Out: 1948.893+/-578.795 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

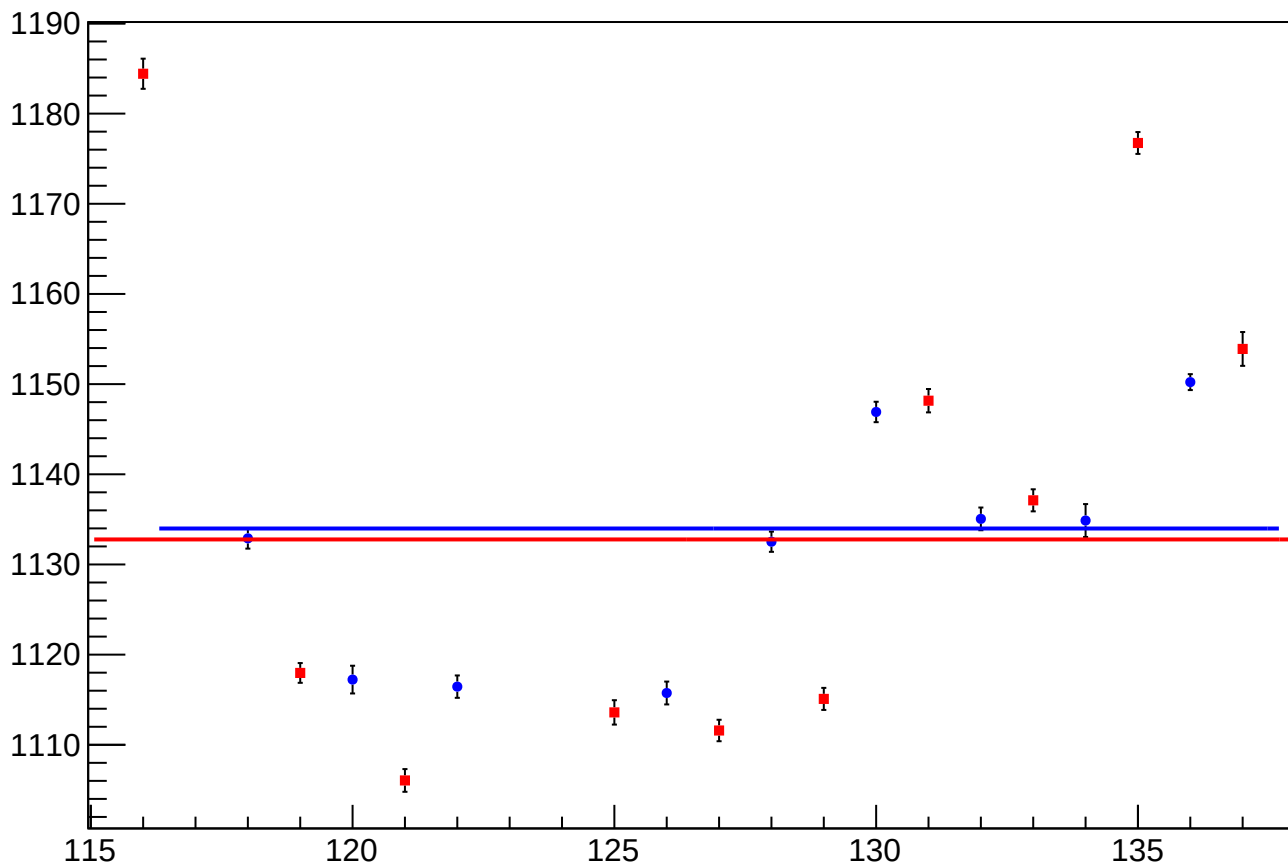
Right: 1844.659+/-404.521 χ^2/NDF : 10.0/18

In: 1745.126+/-565.593 χ^2/NDF : 2.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.659+/-404.521 χ^2/NDF : 10.0/18

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1133.988+/-0.400 χ^2/NDF : 997.7/8

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

Right Out: 1132.775+/-0.409 χ^2/NDF : 3910.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

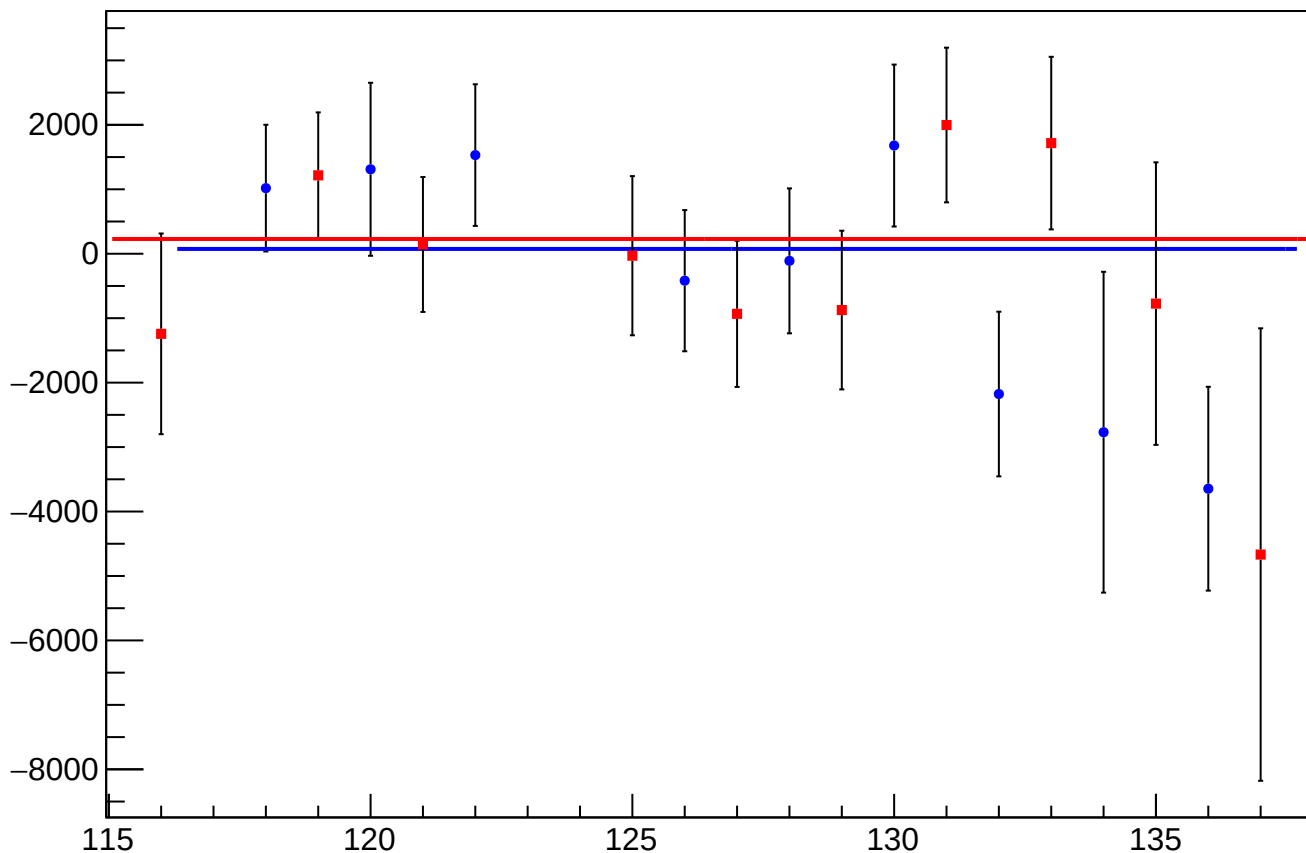
Right: 1133.395+/-0.286 χ^2/NDF : 4912.3/18

In: 1133.988+/-0.400 χ^2/NDF : 997.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.395+/-0.286 χ^2/NDF : 4912.3/18

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 74.701+/-413.460 χ^2/NDF : 15.3/8

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

Right Out: 229.101+/-407.998 χ^2/NDF : 9.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

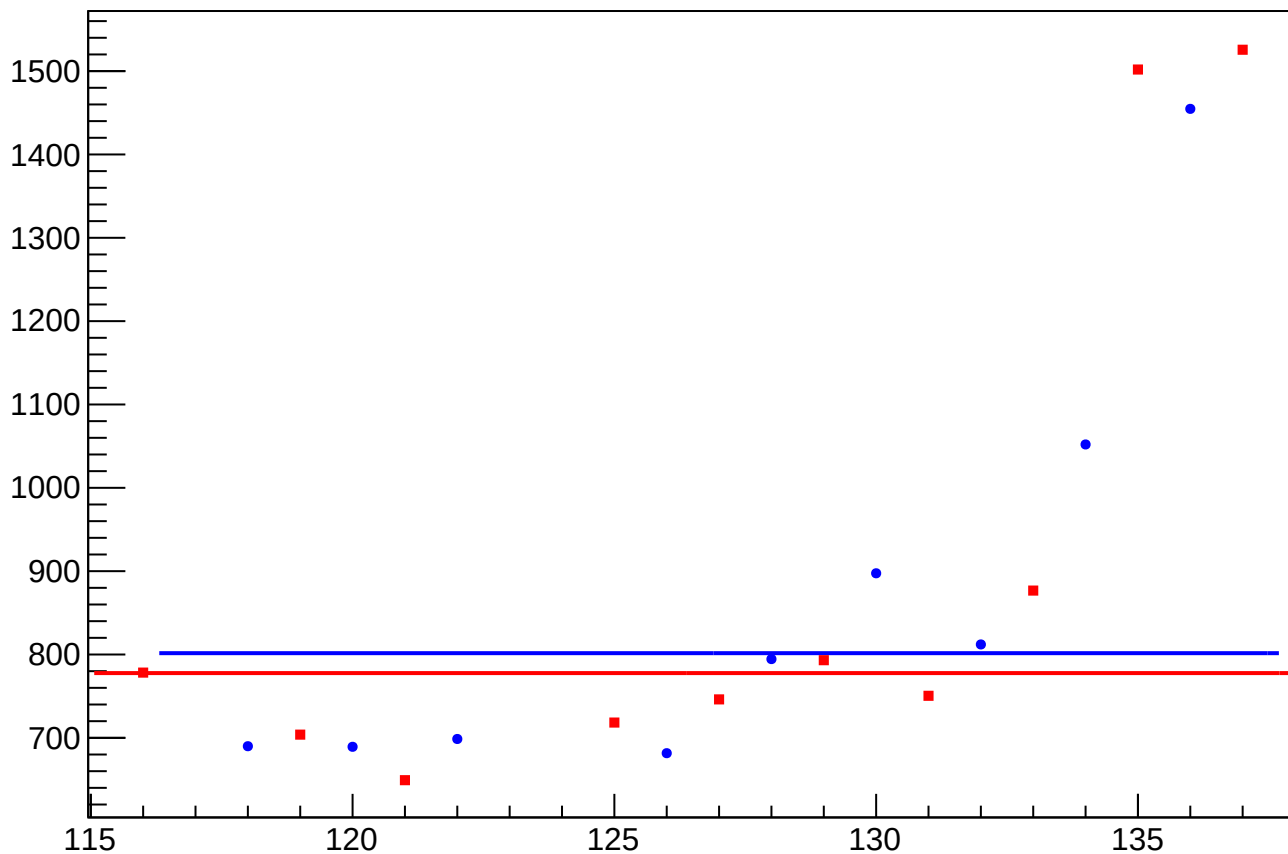
Right: 152.928+/-290.410 χ^2/NDF : 24.8/18

In: 74.701+/-413.460 χ^2/NDF : 15.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.928+/-290.410 χ^2/NDF : 24.8/18

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 801.603+/-0.292 χ^2/NDF : 454602.6/8

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

Right Out: 777.707+/-0.288 χ^2/NDF : 369155.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

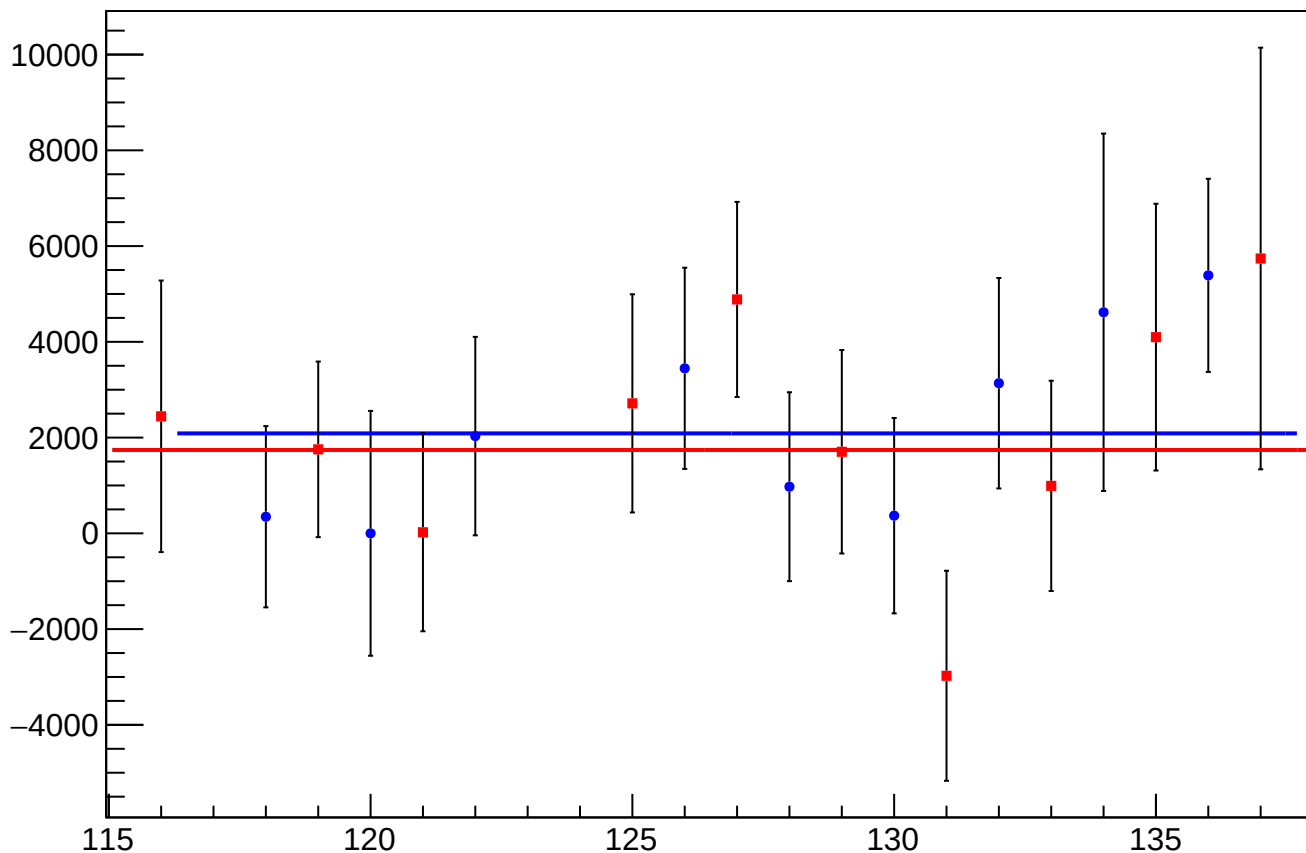
Right: 789.496+/-0.205 χ^2/NDF : 827143.0/18

In: 801.603+/-0.292 χ^2/NDF : 454602.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.496+/-0.205 χ^2/NDF : 827143.0/18

asym_usl_mean vs Slug, Sign Corrected



Right In: 2087.725+/-722.960 χ^2/NDF : 6.3/8

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

Right Out: 1741.636+/-724.245 χ^2/NDF : 9.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

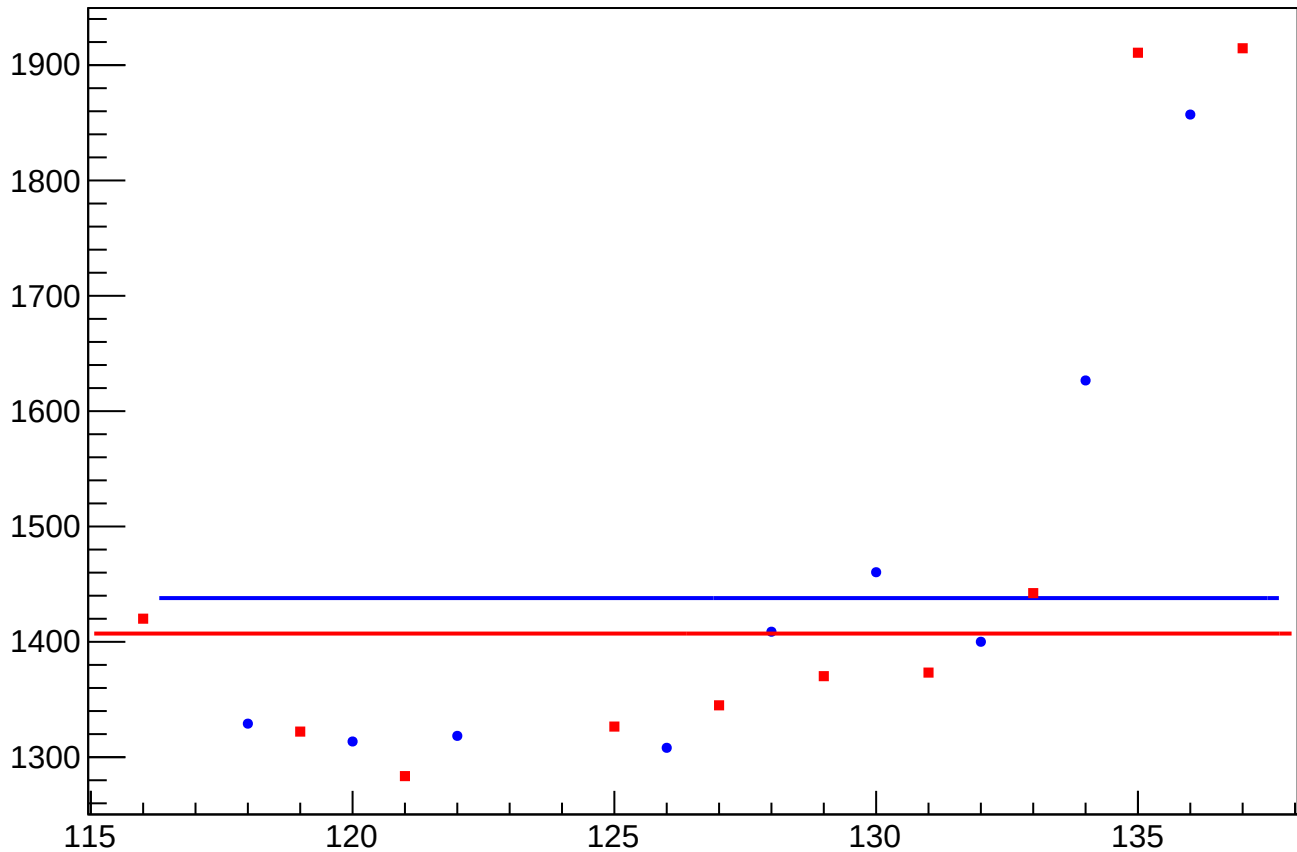
Right: 1914.988+/-511.664 χ^2/NDF : 16.0/18

In: 2087.725+/-722.960 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1914.988+/-511.664 χ^2/NDF : 16.0/18

asym_usl_rms vs Slug, Sign Corrected



Right In: 1437.930+/-0.511 χ^2/NDF : 118369.7/8

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

Right Out: 1407.175+/-0.512 χ^2/NDF : 109353.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

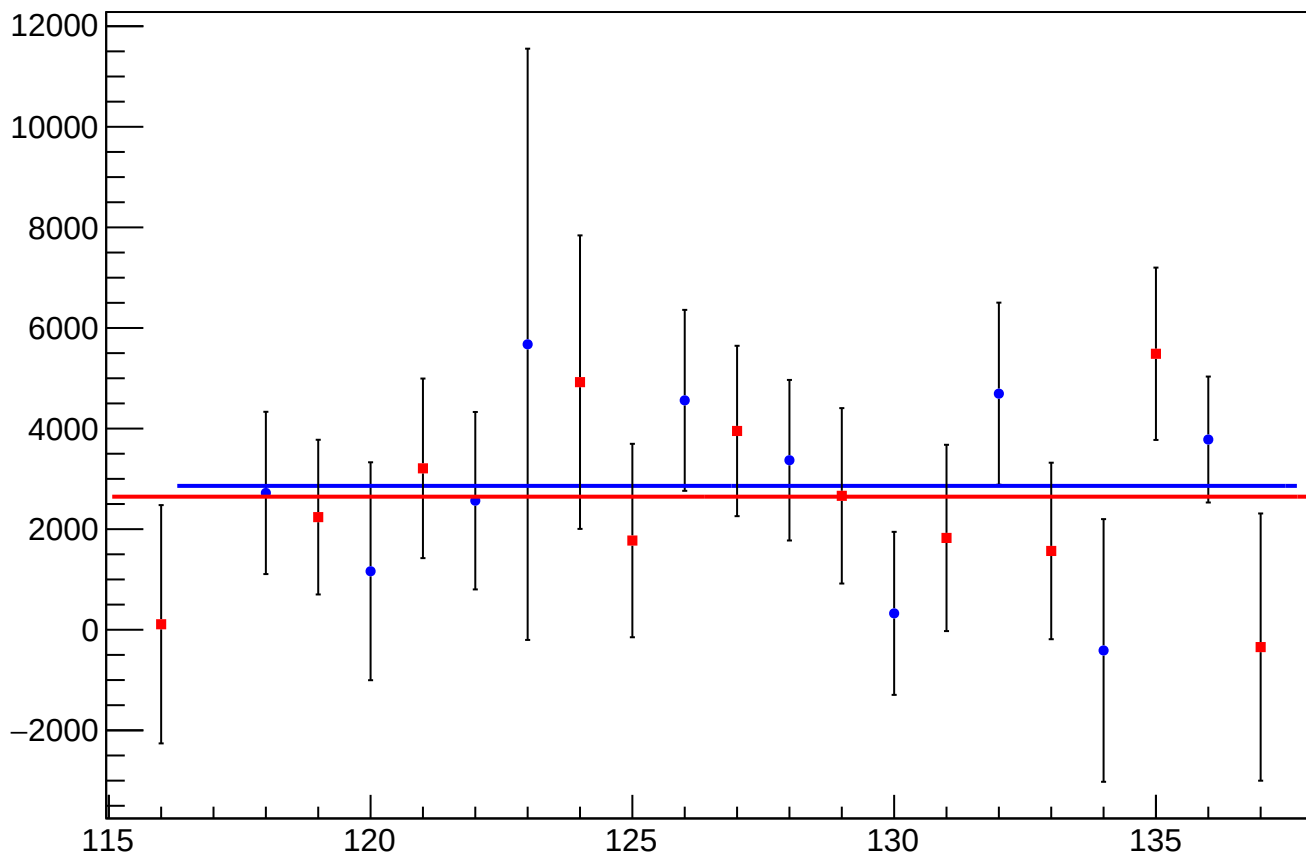
Right: 1422.580+/-0.362 χ^2/NDF : 229529.3/18

In: 1437.930+/-0.511 χ^2/NDF : 118369.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1422.580+/-0.362 χ^2/NDF : 229529.3/18

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2860.502+/-566.167 χ^2/NDF : 7.5/9

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

Right Out: 2645.958+/-569.926 χ^2/NDF : 7.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

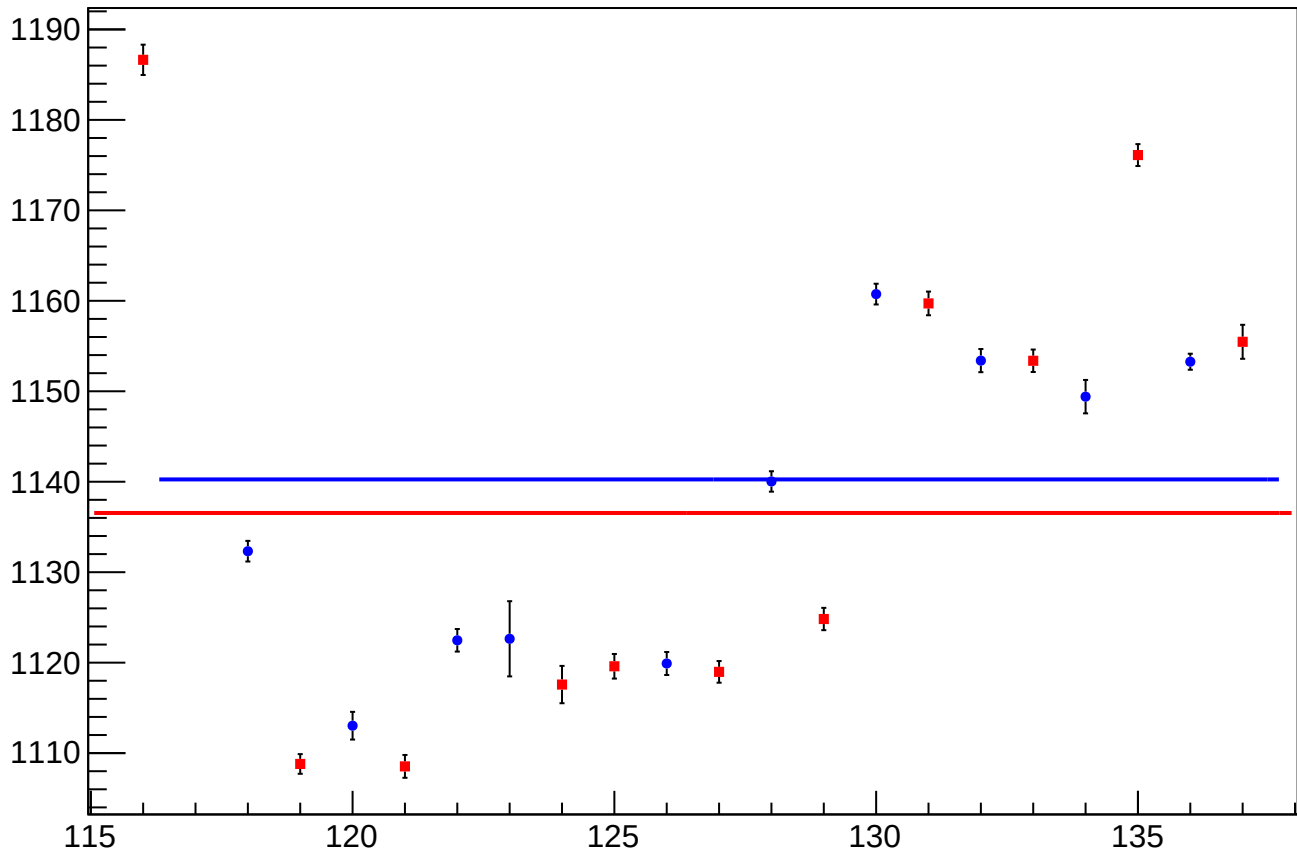
Right: 2753.940+/-401.663 χ^2/NDF : 14.8/20

In: 2860.502+/-566.167 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2753.940+/-401.663 χ^2/NDF : 14.8/20

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1140.256+/-0.400 χ^2/NDF : 1506.9/9

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

Right Out: 1136.545+/-0.403 χ^2/NDF : 4247.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

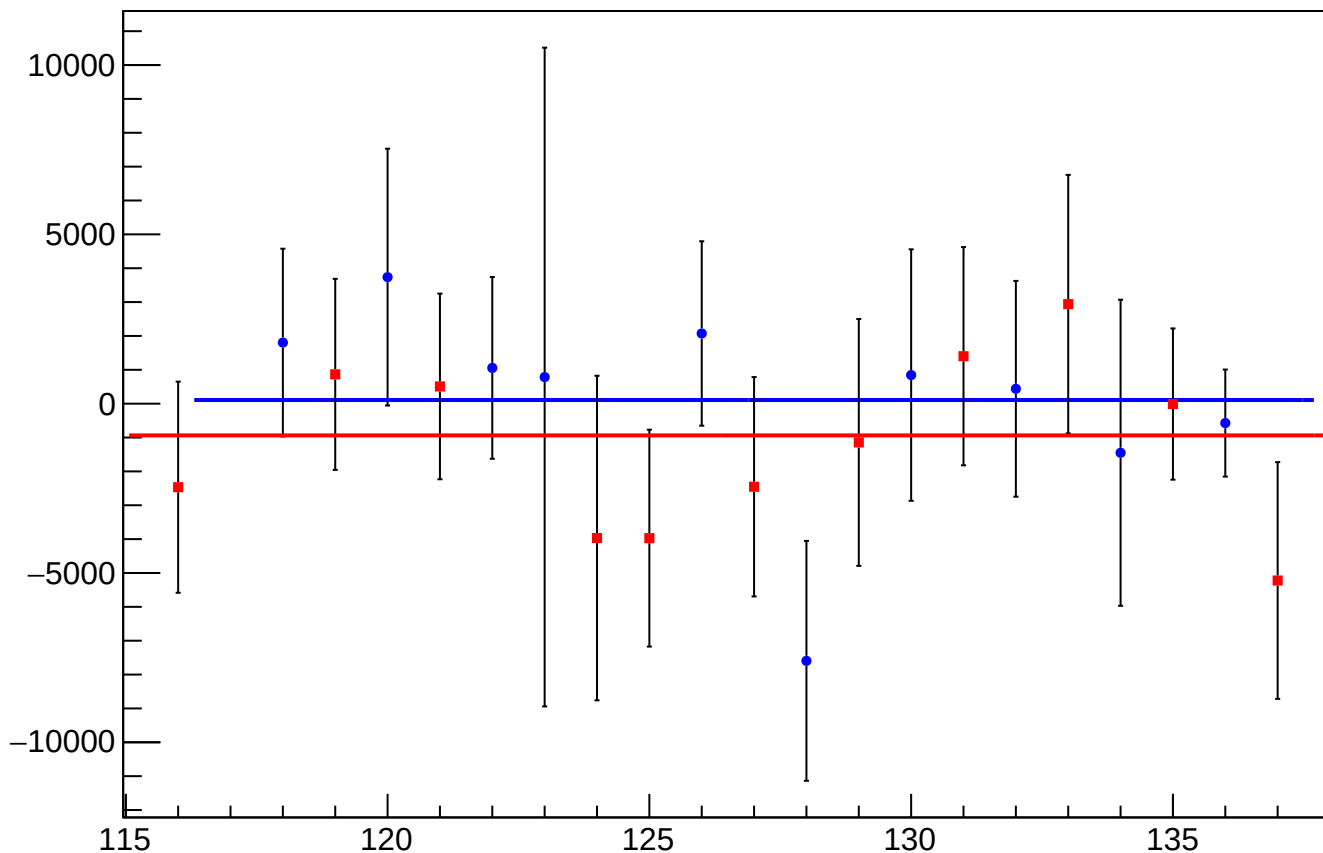
Right: 1138.413+/-0.284 χ^2/NDF : 5797.2/20

In: 1140.256+/-0.400 χ^2/NDF : 1506.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.413+/-0.284 χ^2/NDF : 5797.2/20

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 107.974 $\pm$ 919.023 χ^2 /NDF: 7.0/9

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

Right Out: -937.302 $\pm$ 944.682 χ^2 /NDF: 5.7/10

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

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

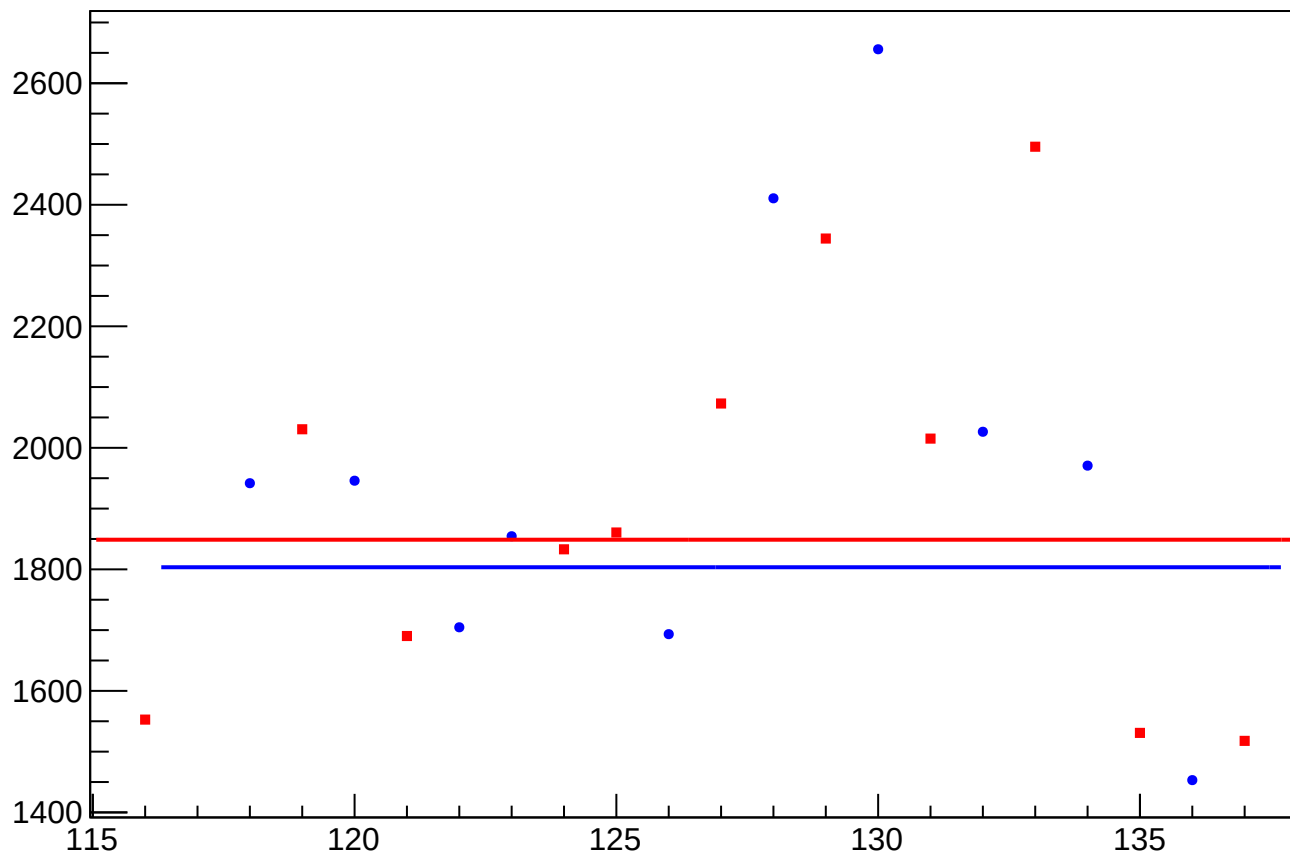
Right: -400.275 $\pm$ 658.732 χ^2 /NDF: 13.3/20

In: 107.974 $\pm$ 919.023 χ^2 /NDF:7.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -400.275 $\pm$ 658.732 χ^2 /NDF: 13.3/20

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1803.467 $\pm$ 0.650 χ^2/NDF : 288804.1/9

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

Right Out: 1848.780 $\pm$ 0.668 χ^2/NDF : 200866.1/10

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

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

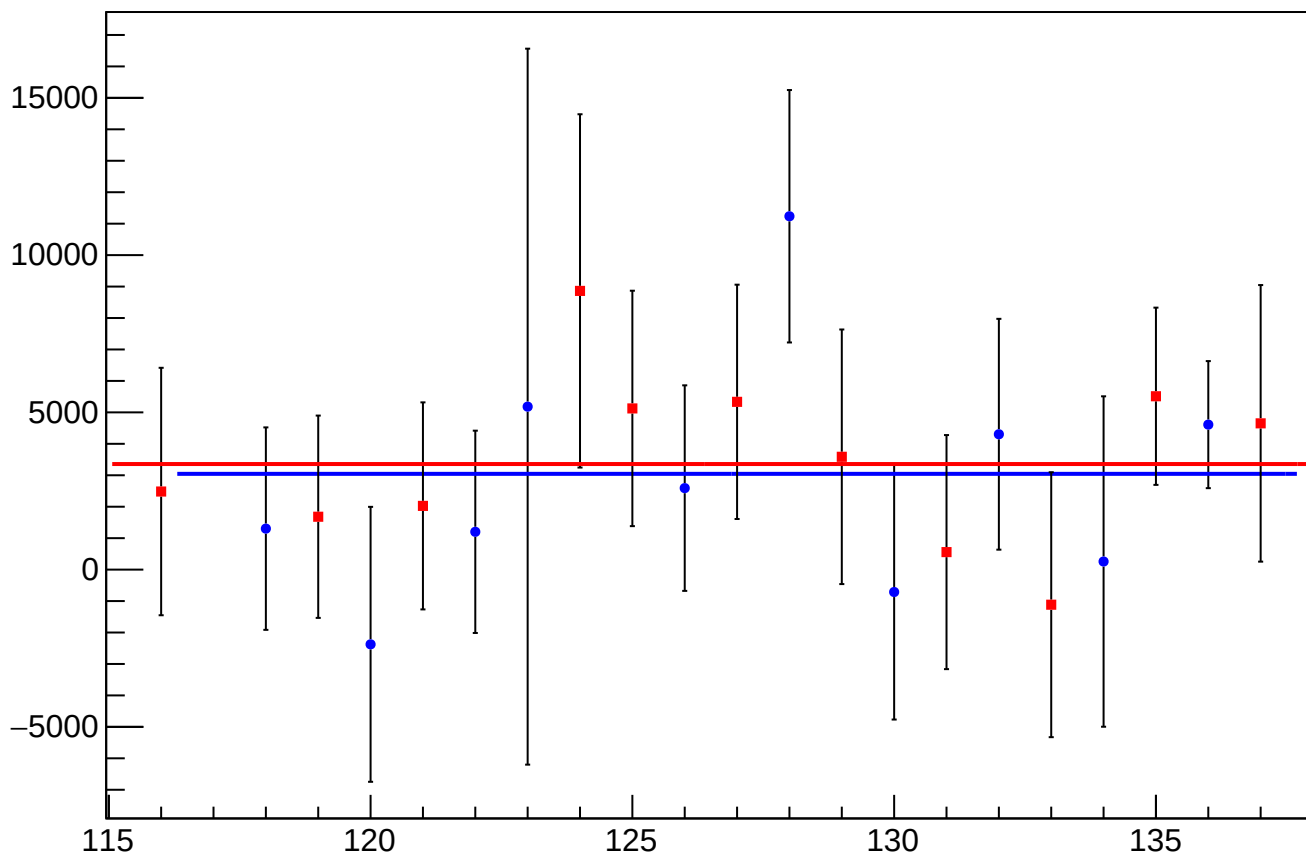
Right: 1825.500 $\pm$ 0.466 χ^2/NDF : 492034.3/20

In: 1803.467 $\pm$ 0.650 χ^2/NDF :288804.1/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 1825.500 $\pm$ 0.466 χ^2/NDF : 492034.3/20

asym_usr_mean vs Slug, Sign Corrected



Right In: 3045.211+/-1100.744 χ^2/NDF : 8.2/9

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

Right Out: 3357.133+/-1120.848 χ^2/NDF : 4.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

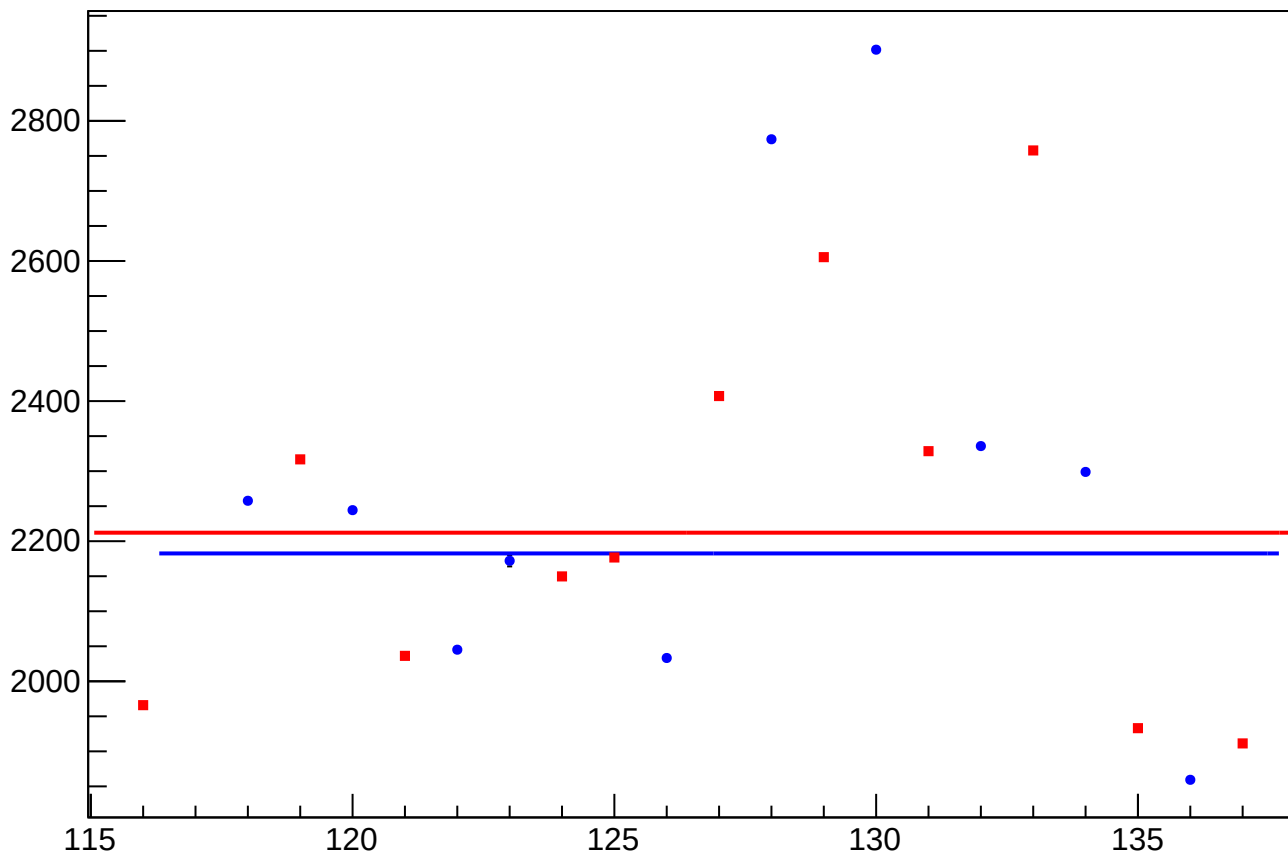
Right: 3198.349+/-785.355 χ^2/NDF : 12.6/20

In: 3045.211+/-1100.744 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3198.349+/-785.355 χ^2/NDF : 12.6/20

asym_usr_rms vs Slug, Sign Corrected



Right In: 2182.532+/-0.778 χ^2/NDF : 171260.4/9

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

Right Out: 2212.143+/-0.793 χ^2/NDF : 104952.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

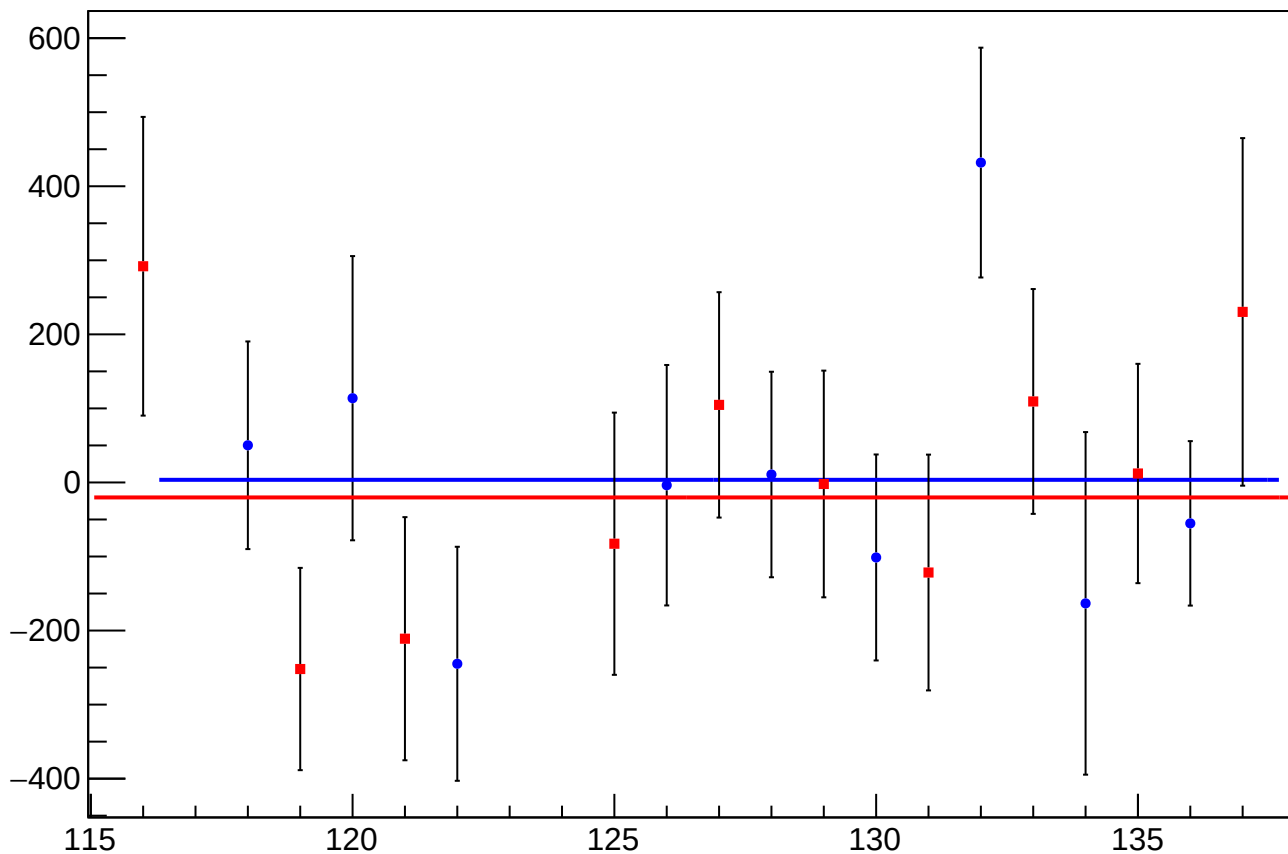
Right: 2197.069+/-0.555 χ^2/NDF : 276923.6/20

In: 2182.532+/-0.778 χ^2/NDF : 171260.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.069+/-0.555 χ^2/NDF : 276923.6/20

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: 3.555+/-49.943 χ^2/NDF : 11.9/8

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

Right Out: -20.228+/-51.324 χ^2/NDF : 9.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

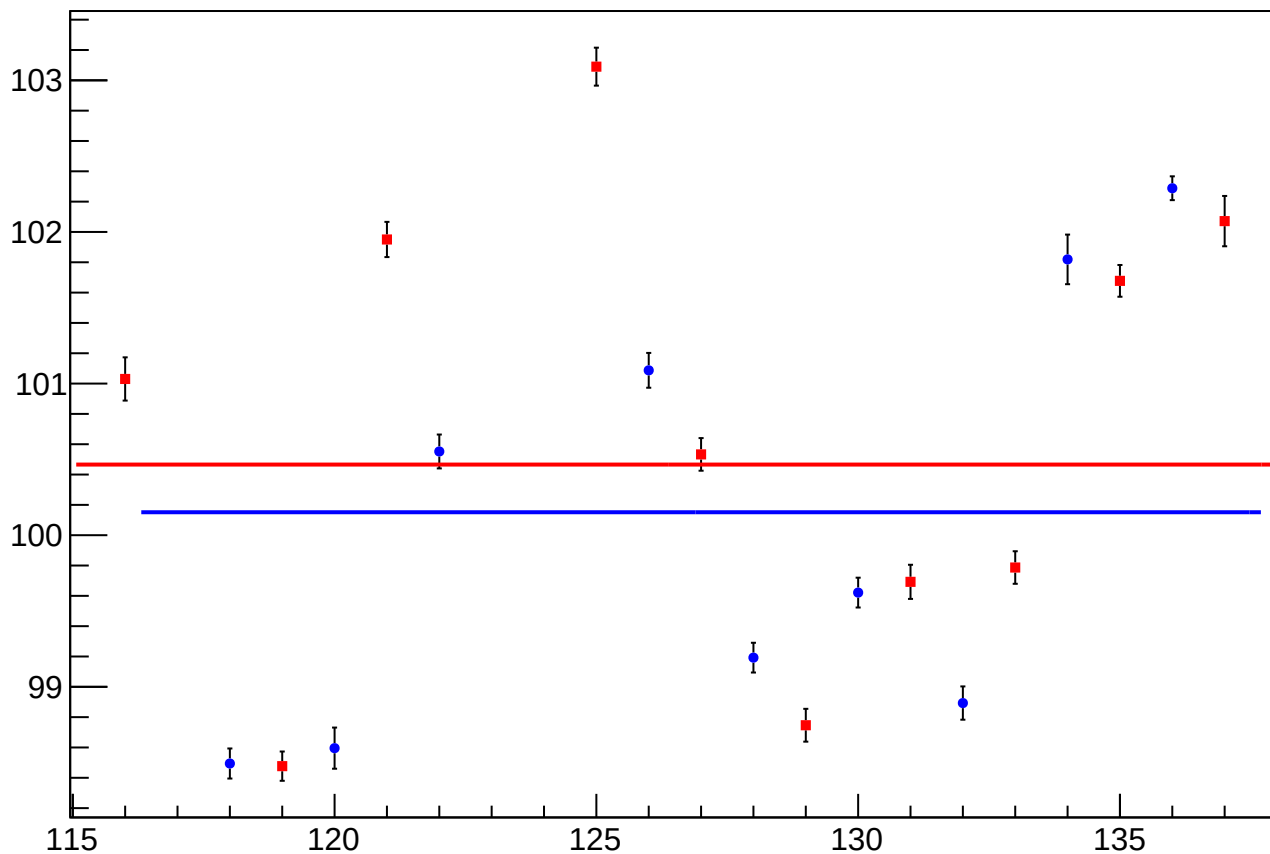
Right: -8.012+/-35.793 χ^2/NDF : 21.8/18

In: 3.555+/-49.943 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.012+/-35.793 χ^2/NDF : 21.8/18

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 100.151+/-0.035 χ^2/NDF : 1590.7/8

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

Right Out: 100.466+/-0.036 χ^2/NDF : 1610.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

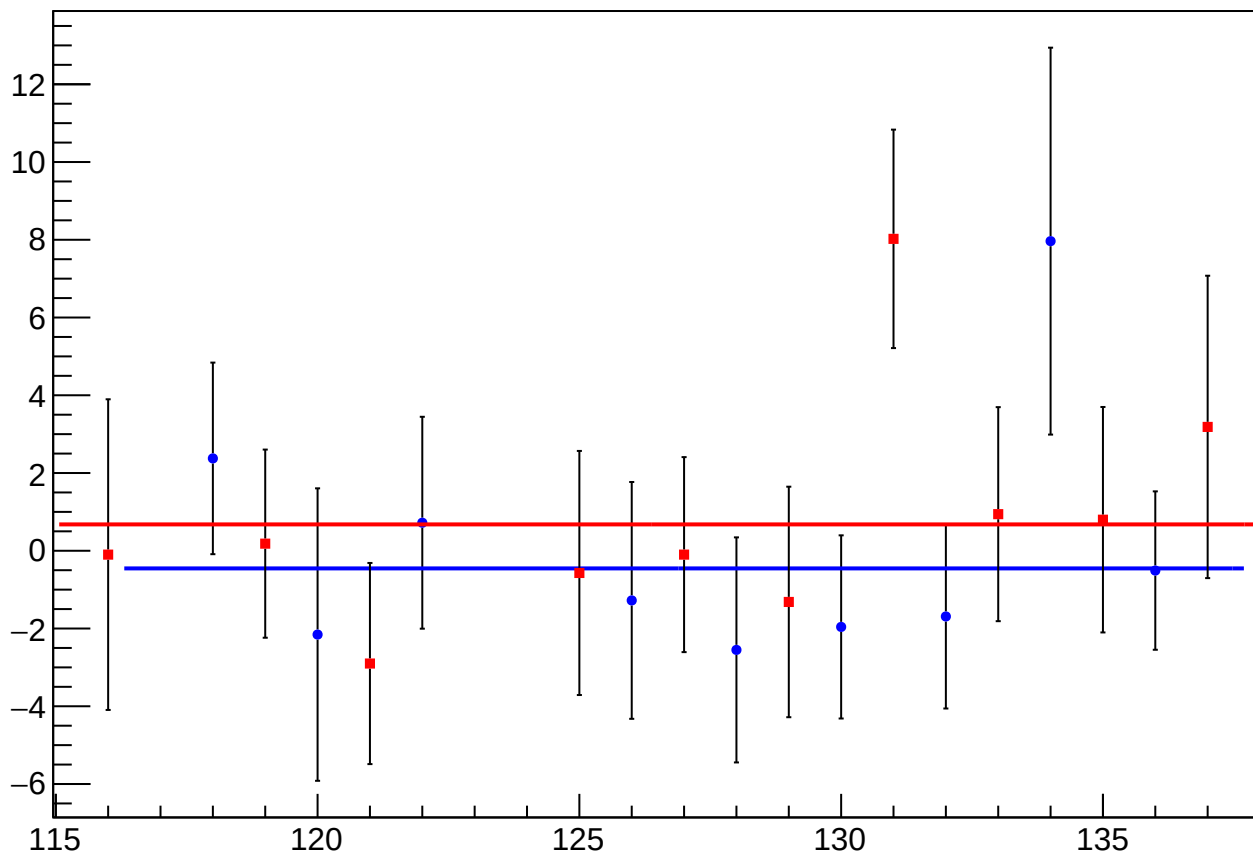
Right: 100.304+/-0.025 χ^2/NDF : 3239.4/18

In: 100.151+/-0.035 χ^2/NDF : 1590.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.304+/-0.025 χ^2/NDF : 3239.4/18

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: -0.454+/-0.899 χ^2/NDF : 5.9/8

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

Right Out: 0.678+/-0.913 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

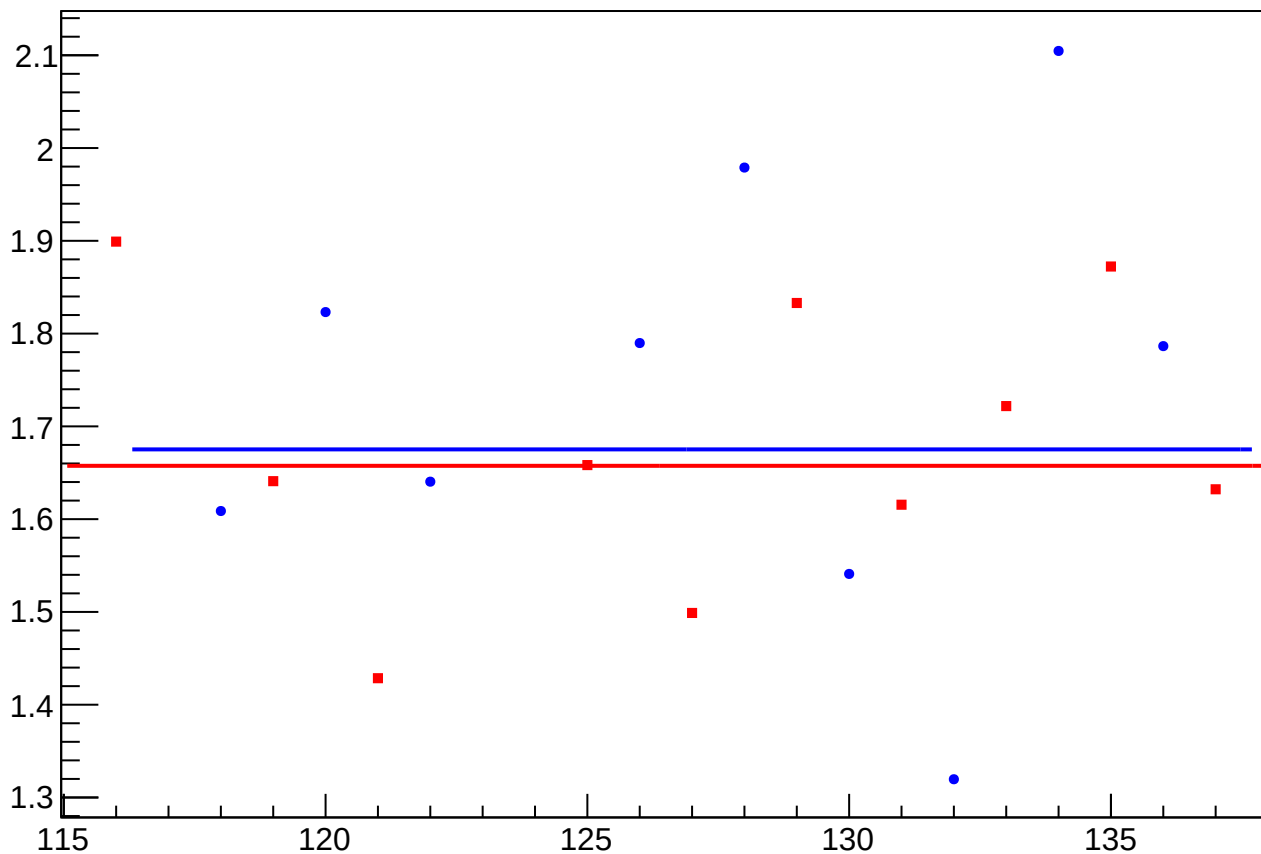
Right: 0.104+/-0.641 χ^2/NDF : 16.6/18

In: -0.454+/-0.899 χ^2/NDF :5.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.104+/-0.641 χ^2/NDF : 16.6/18

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 1.675+/-0.001 χ^2/NDF : 102180.9/8

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

Right Out: 1.657+/-0.001 χ^2/NDF : 50672.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

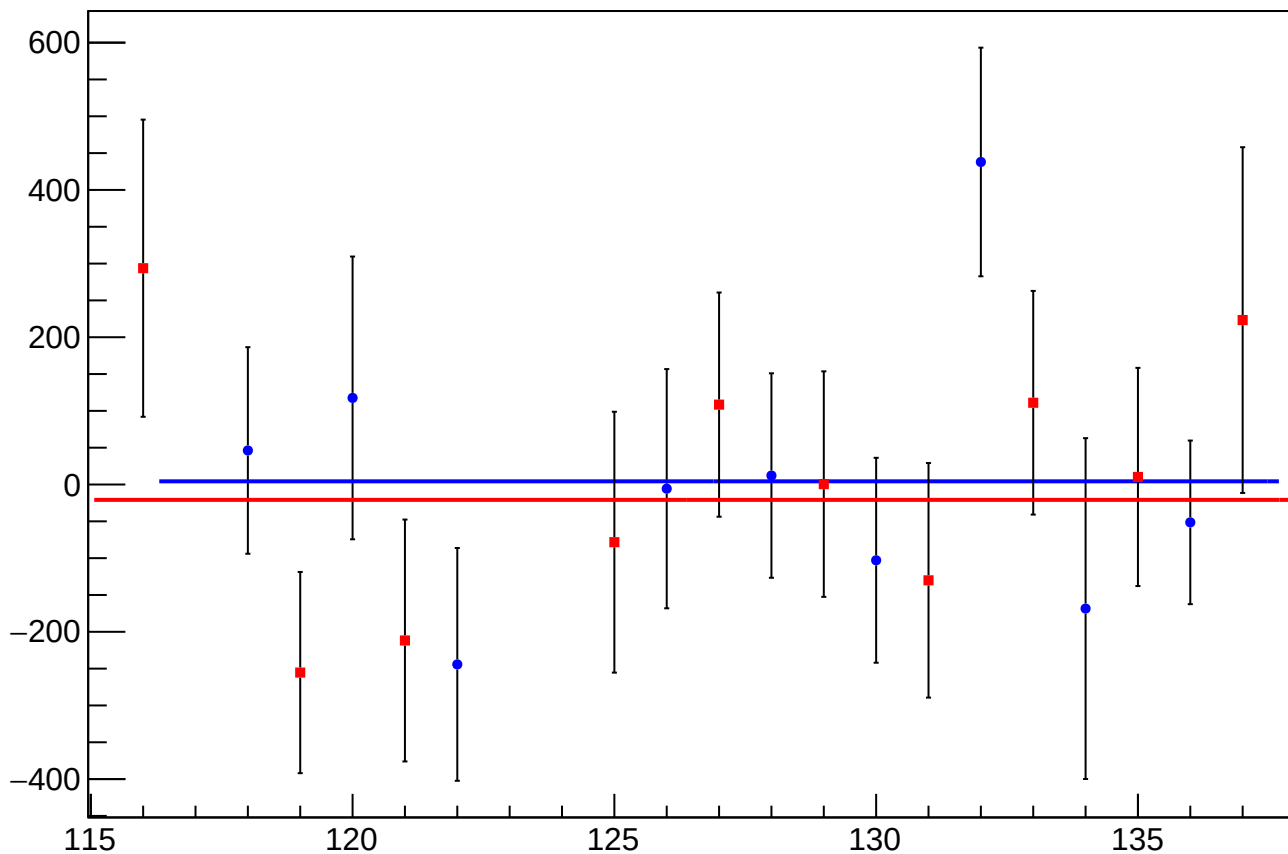
Right: 1.666+/-0.000 χ^2/NDF : 153235.1/18

In: 1.675+/-0.001 χ^2/NDF : 102180.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.666+/-0.000 χ^2/NDF : 153235.1/18

asym_dsl_mean vs Slug, Sign Corrected



Right In: 4.327+/-49.956 χ^2/NDF : 12.1/8

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

Right Out: -20.841+/-51.337 χ^2/NDF : 9.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

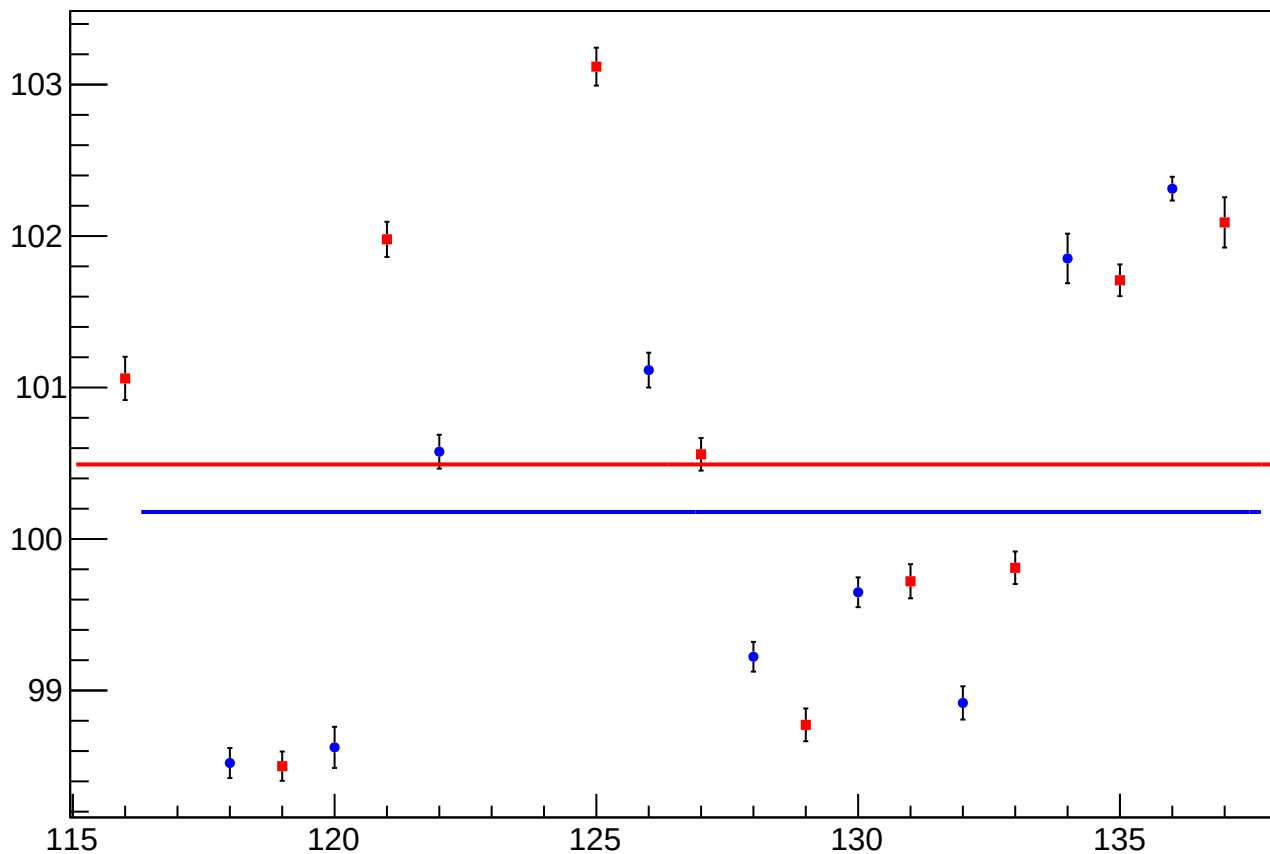
Right: -7.914+/-35.803 χ^2/NDF : 22.2/18

In: 4.327+/-49.956 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.914+/-35.803 χ^2/NDF : 22.2/18

asym_dsl_rms vs Slug, Sign Corrected



Right In: 100.178+/-0.035 χ^2/NDF : 1588.3/8

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

Right Out: 100.492+/-0.036 χ^2/NDF : 1611.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

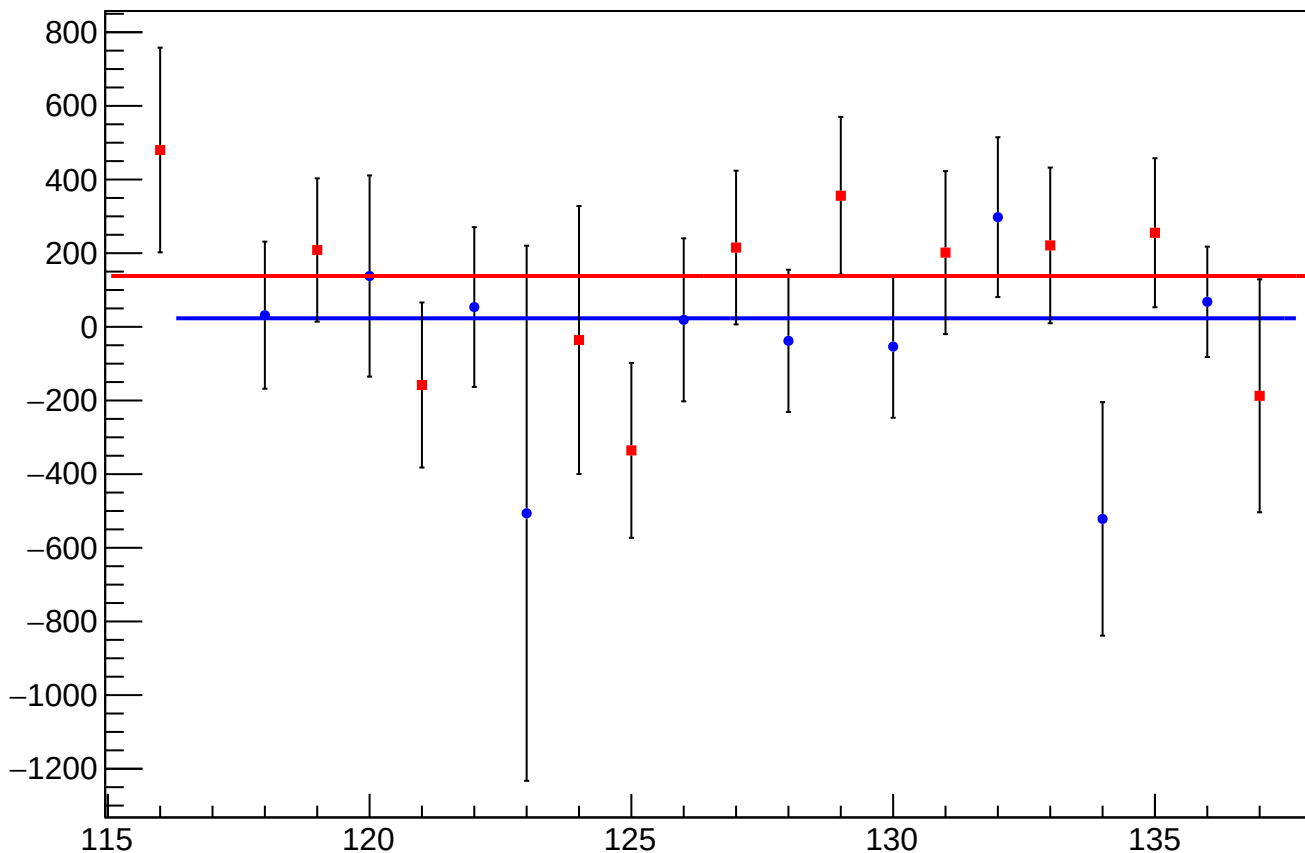
Right: 100.331+/-0.025 χ^2/NDF : 3238.4/18

In: 100.178+/-0.035 χ^2/NDF : 1588.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.331+/-0.025 χ^2/NDF : 3238.4/18

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: 23.253+/-68.775 χ^2/NDF : 5.6/9

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

Right Out: 138.029+/-69.575 χ^2/NDF : 10.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

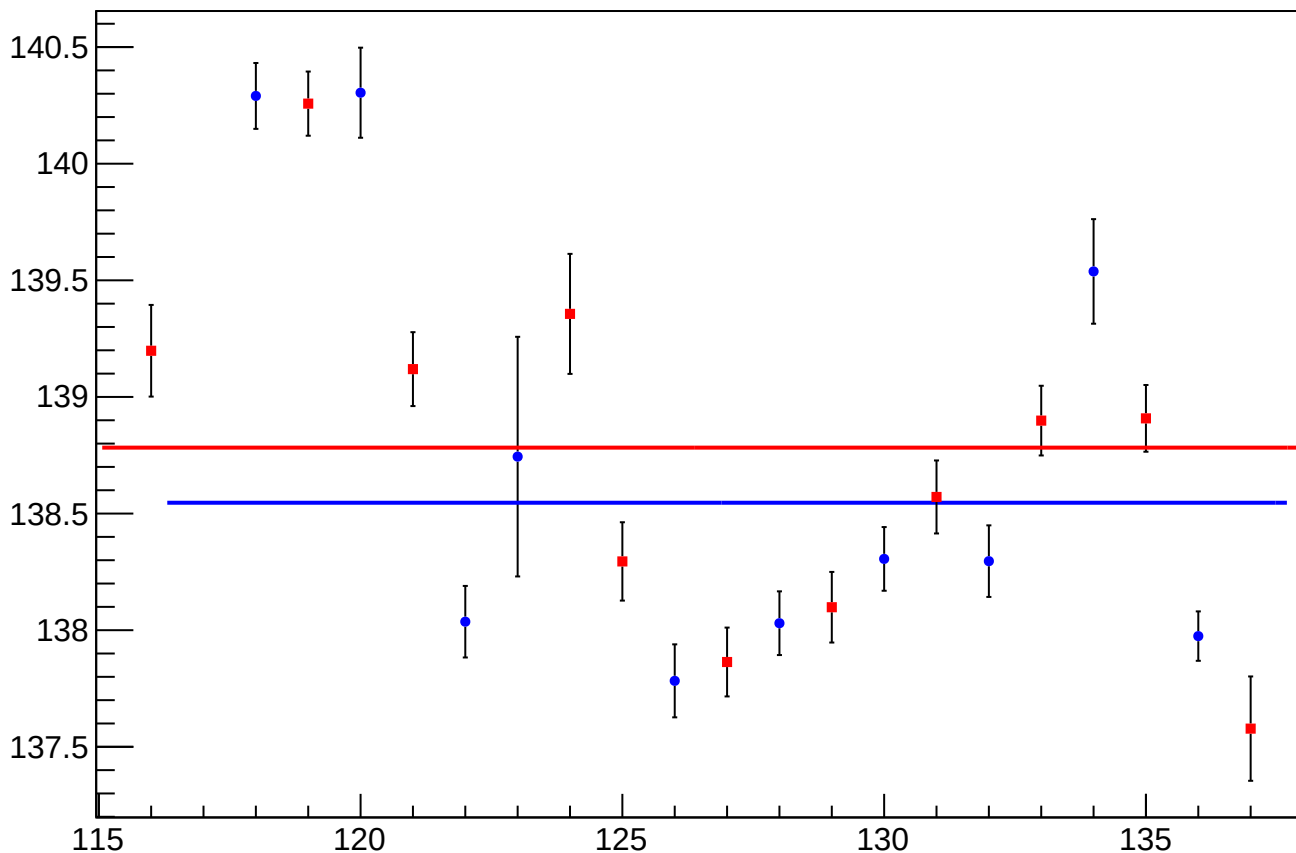
Right: 79.978+/-48.912 χ^2/NDF : 17.4/20

In: 23.253+/-68.775 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.978+/-48.912 χ^2/NDF : 17.4/20

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 138.546 $\pm$ 0.049 χ^2 /NDF: 339.2/9

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

Right Out: 138.783 $\pm$ 0.049 χ^2 /NDF: 228.8/10

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

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

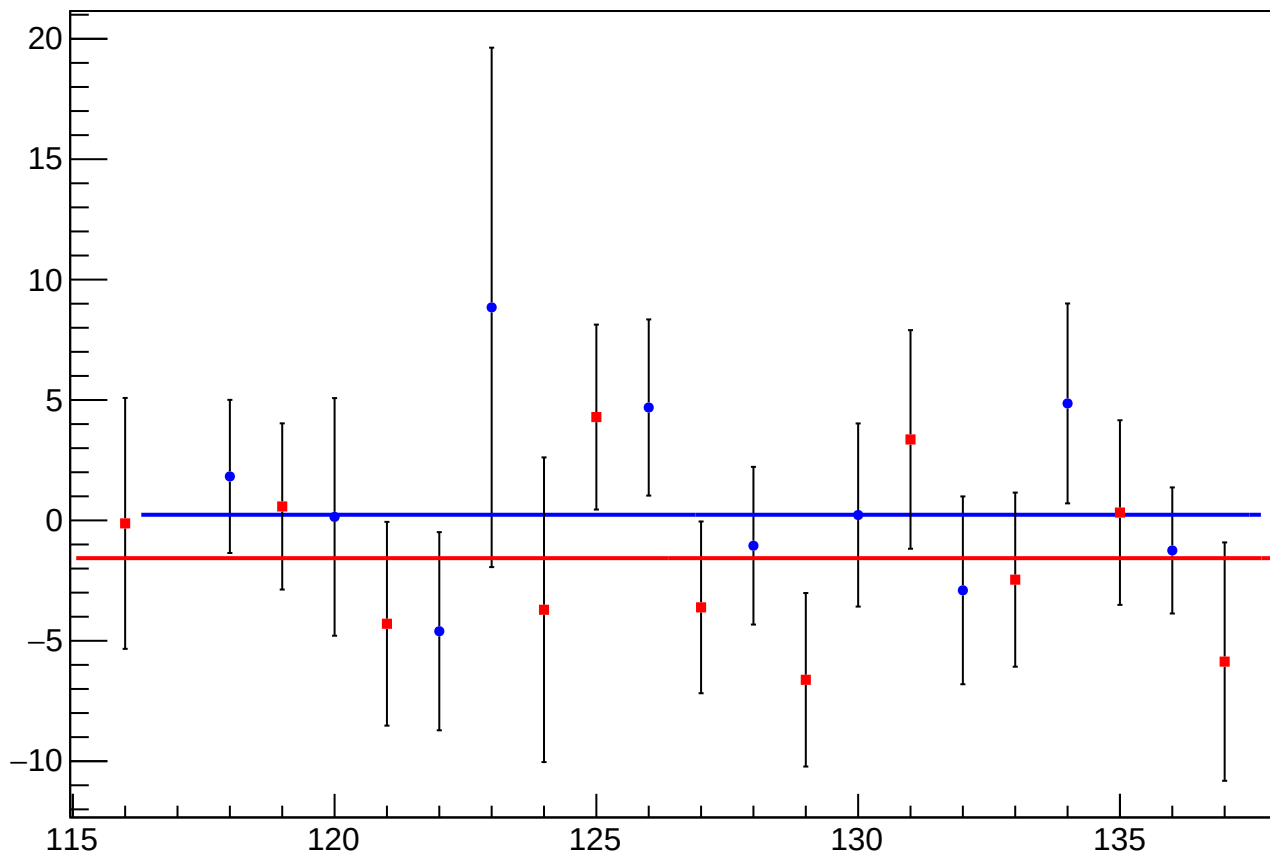
Right: 138.663 $\pm$ 0.035 χ^2 /NDF: 579.6/20

In: 138.546 $\pm$ 0.049 χ^2 /NDF:339.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.663 $\pm$ 0.035 χ^2 /NDF: 579.6/20

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: 0.234 $\pm$ 1.183 χ^2/NDF : 6.1/9

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

Right Out: -1.568 $\pm$ 1.232 χ^2/NDF : 7.9/10

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

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

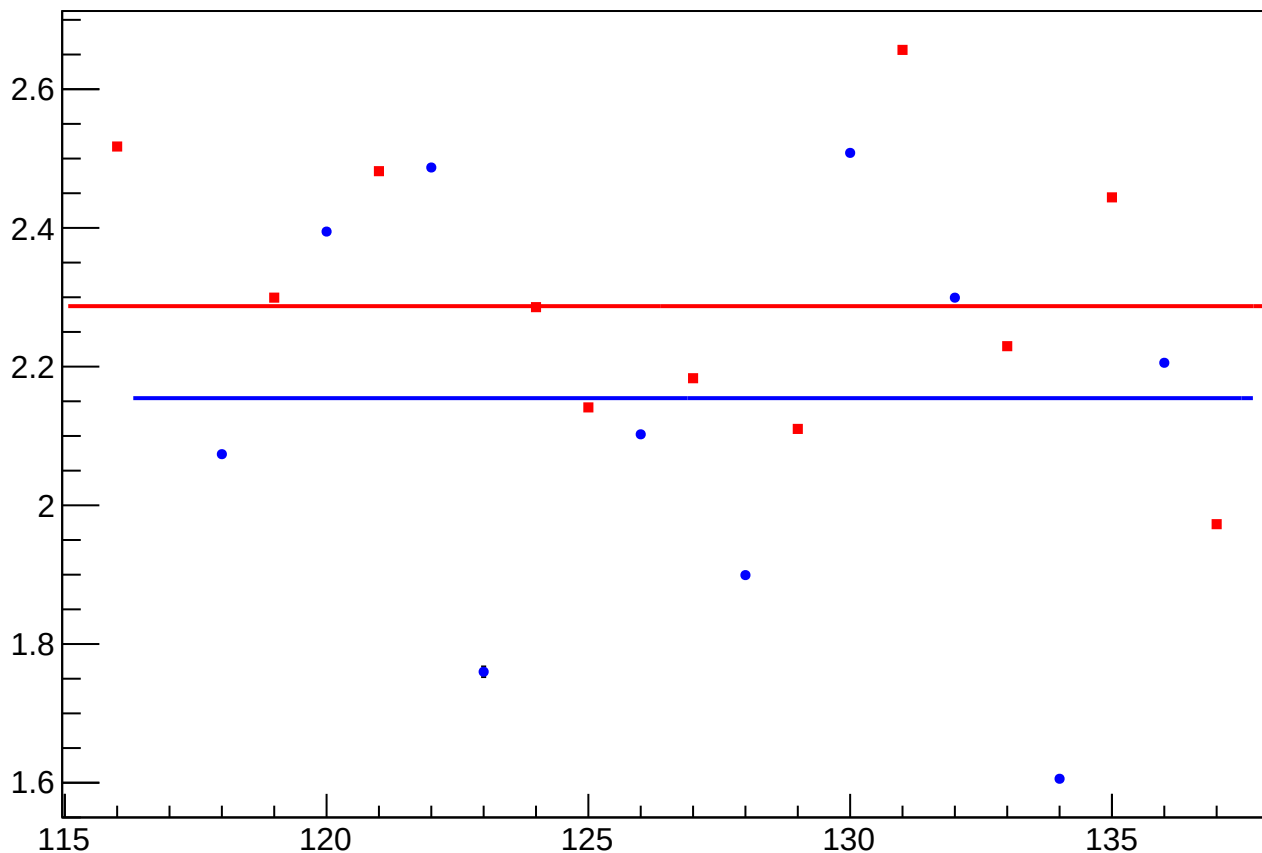
Right: -0.630 $\pm$ 0.853 χ^2/NDF : 15.1/20

In: 0.234 $\pm$ 1.183 χ^2/NDF : 6.1/9

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

All: -0.630 $\pm$ 0.853 χ^2/NDF : 15.1/20

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 2.155+/-0.001 χ^2/NDF : 90109.8/9

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

Right Out: 2.287+/-0.001 χ^2/NDF : 42753.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

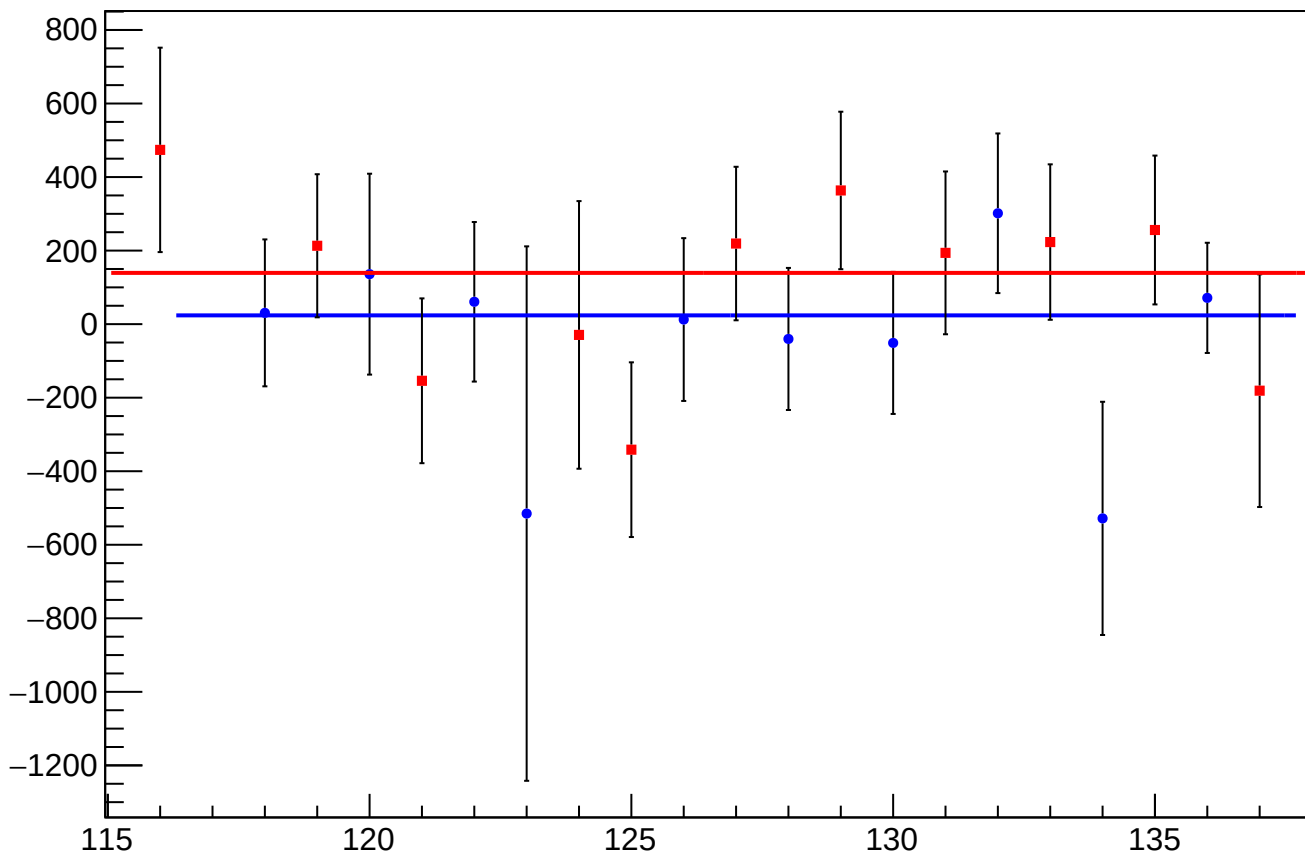
Right: 2.218+/-0.001 χ^2/NDF : 144927.7/20

In: 2.155+/-0.001 χ^2/NDF : 90109.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.218+/-0.001 χ^2/NDF : 144927.7/20

asym_dsr_mean vs Slug, Sign Corrected



Right In: 23.842+/-68.794 χ^2/NDF : 5.8/9

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

Right Out: 139.369+/-69.592 χ^2/NDF : 10.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

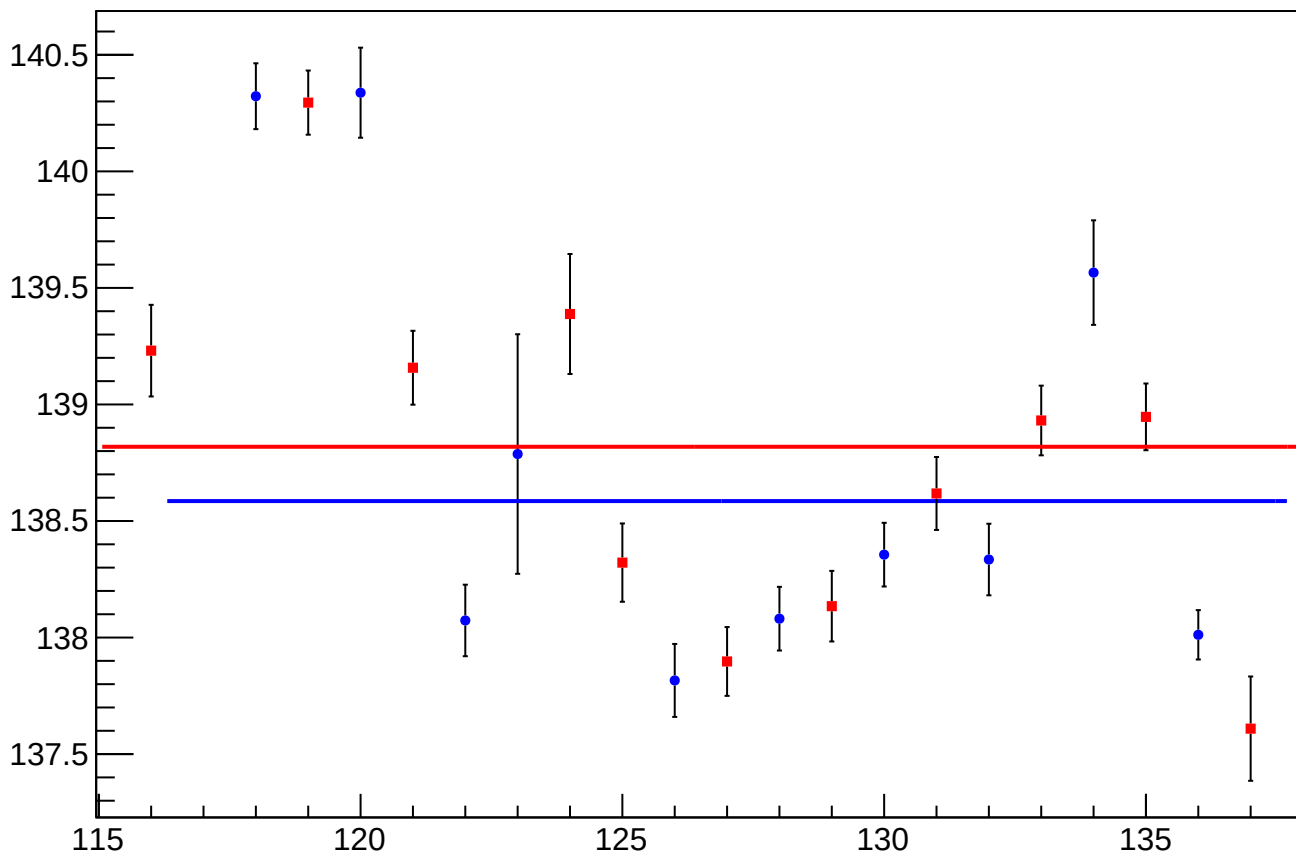
Right: 80.939+/-48.925 χ^2/NDF : 17.6/20

In: 23.842+/-68.794 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.939+/-48.925 χ^2/NDF : 17.6/20

asym_dsr_rms vs Slug, Sign Corrected



Right In: 138.586 $\pm$ 0.049 χ^2 /NDF: 336.5/9

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

Right Out: 138.819 $\pm$ 0.049 χ^2 /NDF: 229.3/10

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

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

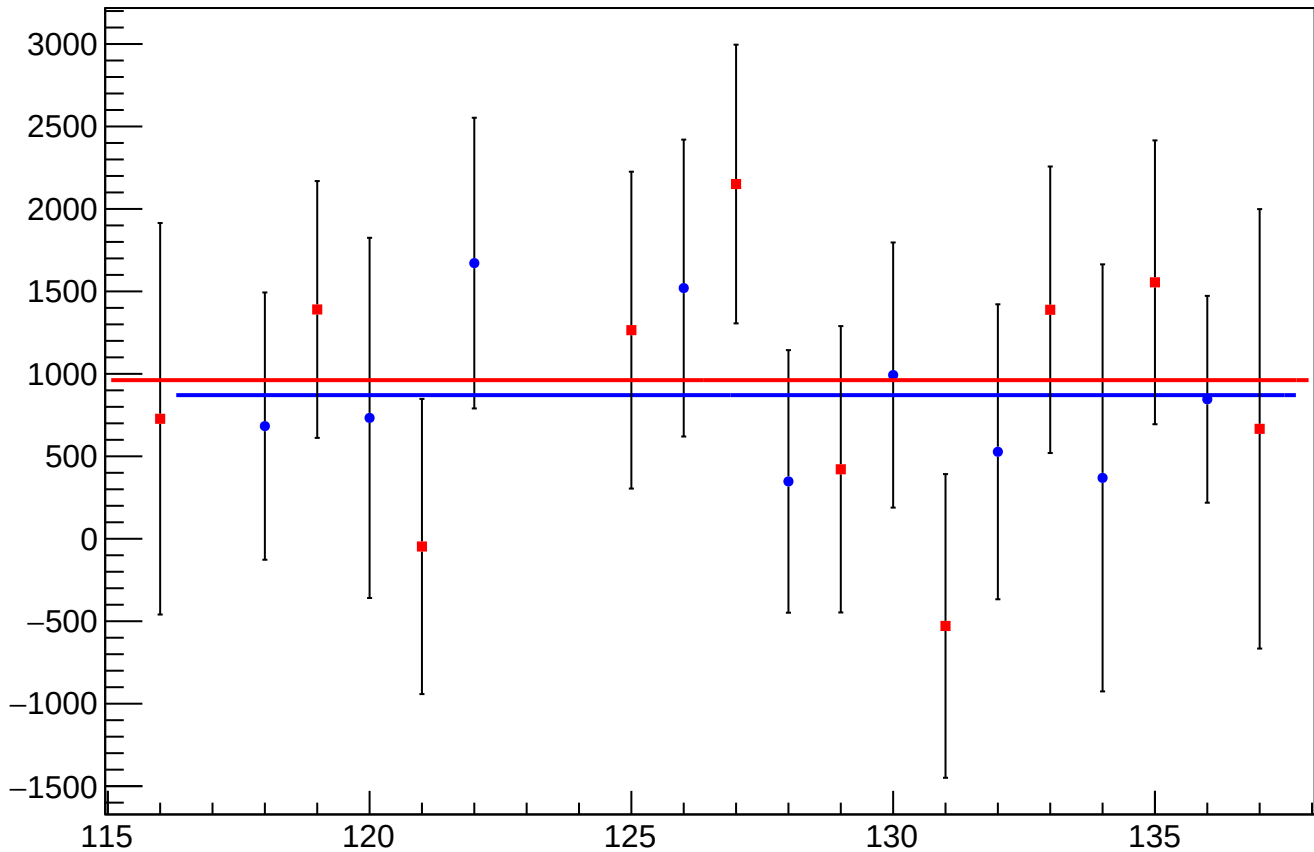
Right: 138.701 $\pm$ 0.035 χ^2 /NDF: 577.2/20

In: 138.586 $\pm$ 0.049 χ^2 /NDF:336.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.701 $\pm$ 0.035 χ^2 /NDF: 577.2/20

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 870.980 $\pm$ 284.009 χ^2 /NDF: 2.2/8

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

Right Out: 961.862 $\pm$ 290.664 χ^2 /NDF: 7.5/9

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

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

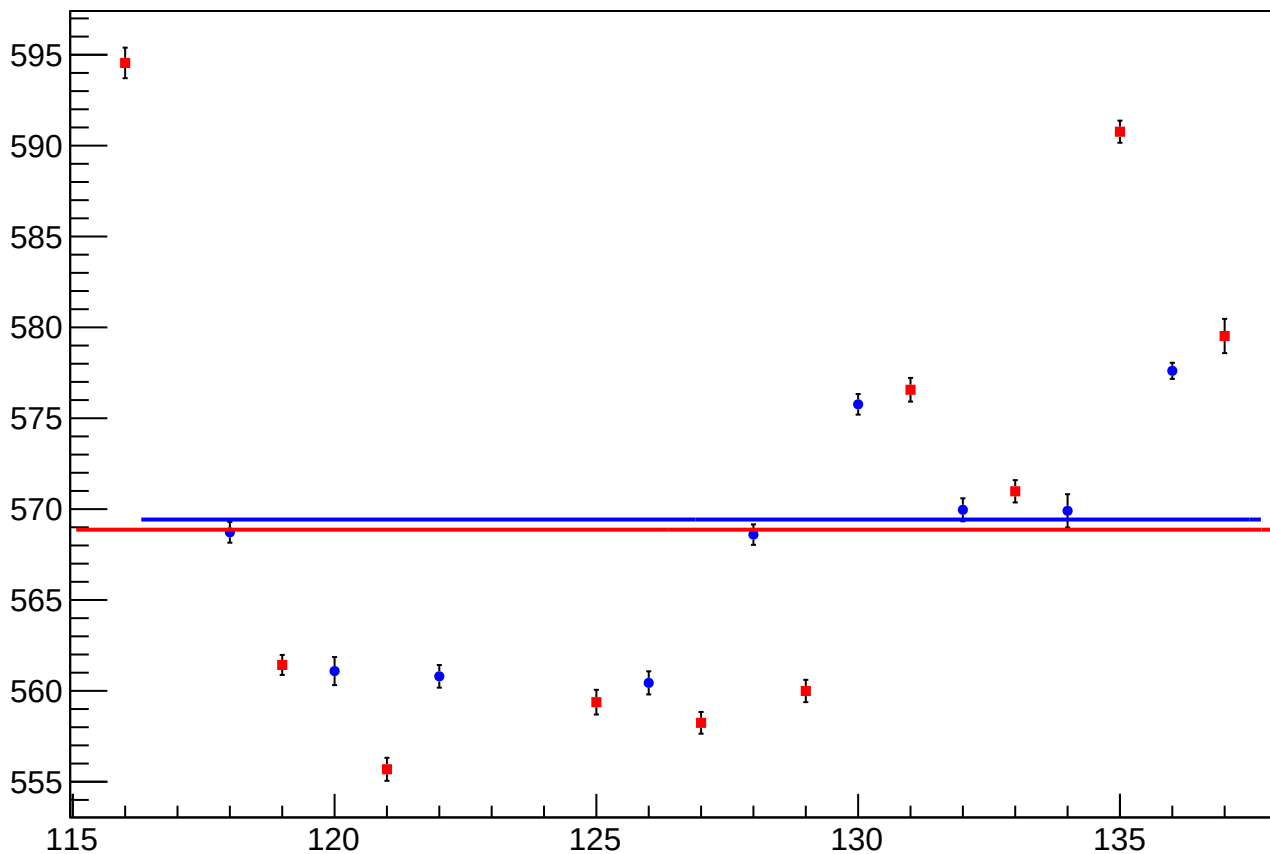
Right: 915.369 $\pm$ 203.137 χ^2 /NDF: 9.7/18

In: 870.980 $\pm$ 284.009 χ^2 /NDF: 2.2/8

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

All: 915.369 $\pm$ 203.137 χ^2 /NDF: 9.7/18

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 569.427 $\pm$ 0.201 χ^2 /NDF: 977.2/8

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

Right Out: 568.869 $\pm$ 0.206 χ^2 /NDF: 3848.1/9

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

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

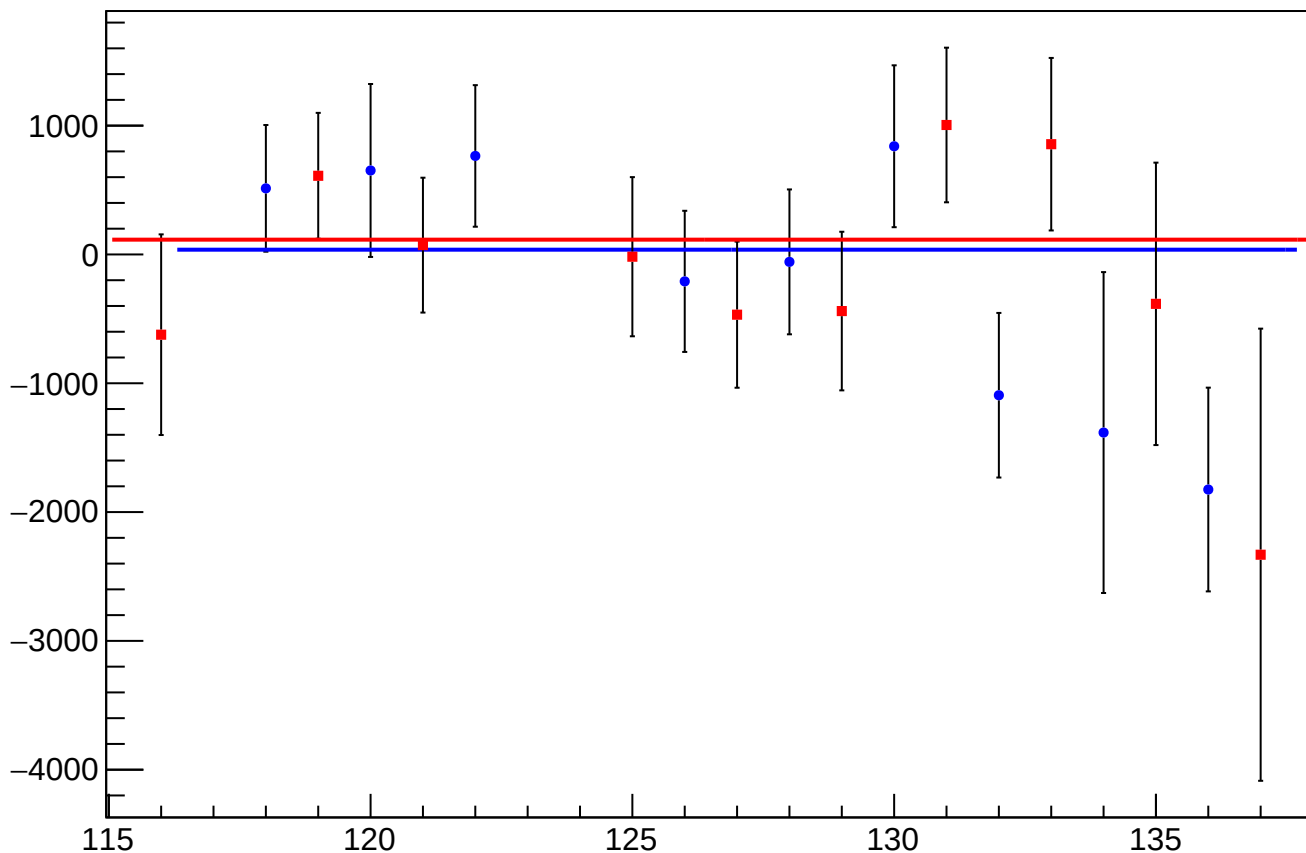
Right: 569.155 $\pm$ 0.144 χ^2 /NDF: 4829.0/18

In: 569.427 $\pm$ 0.201 χ^2 /NDF:977.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 569.155 $\pm$ 0.144 χ^2 /NDF: 4829.0/18

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 36.973+/-206.785 χ^2/NDF : 15.4/8

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

Right Out: 114.859+/-204.052 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

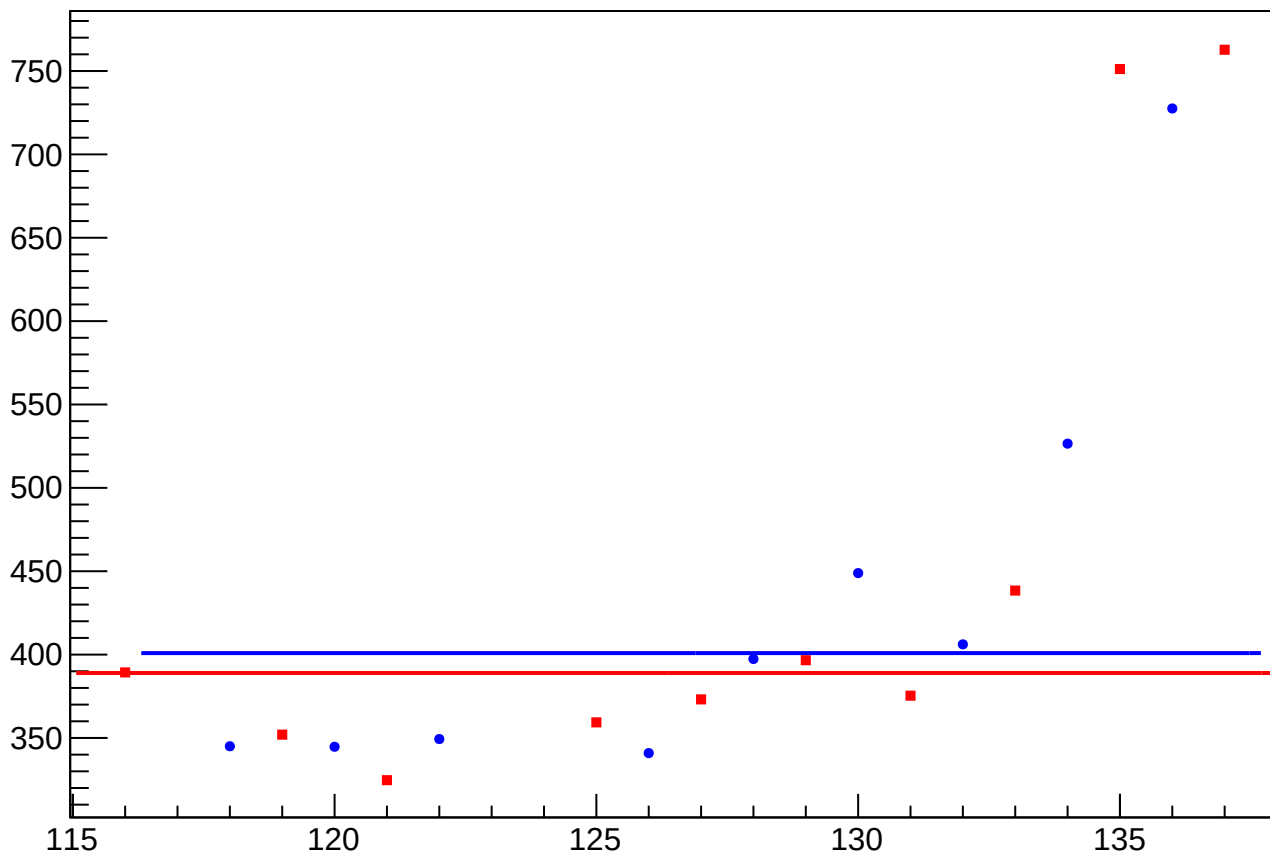
Right: 76.434+/-145.243 χ^2/NDF : 24.9/18

In: 36.973+/-206.785 χ^2/NDF :15.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 76.434+/-145.243 χ^2/NDF : 24.9/18

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 400.905 +/- 0.146 χ^2/NDF : 454736.7/8

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

Right Out: 388.955 +/- 0.144 χ^2/NDF : 369060.2/9

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

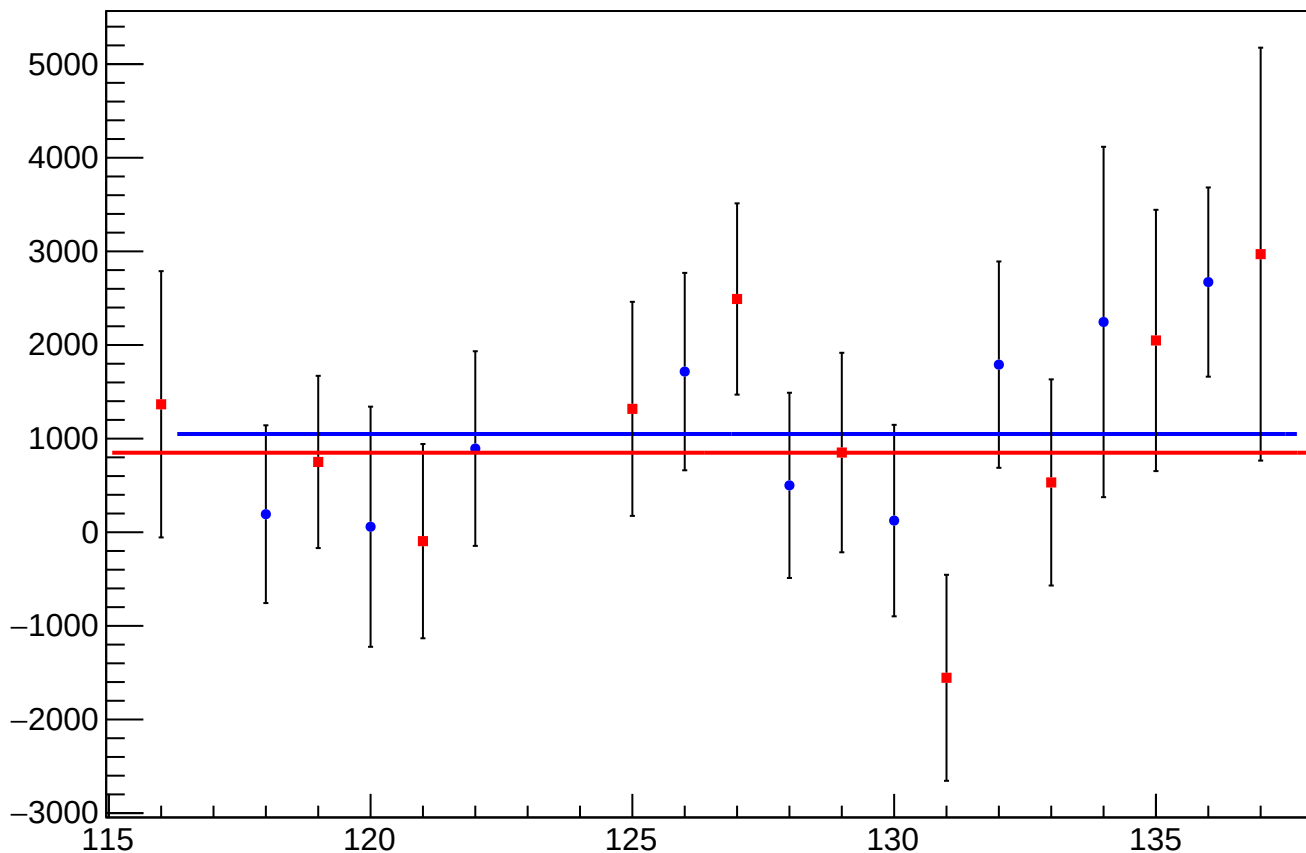
Right: 394.851 +/- 0.103 χ^2/NDF : 827180.7/18

In: 400.905 +/- 0.146 χ^2/NDF : 454736.7/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 394.851 +/- 0.103 χ^2/NDF : 827180.7/18

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 1049.350+/-362.515 χ^2/NDF : 6.4/8

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

Right Out: 849.386+/-363.214 χ^2/NDF : 10.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

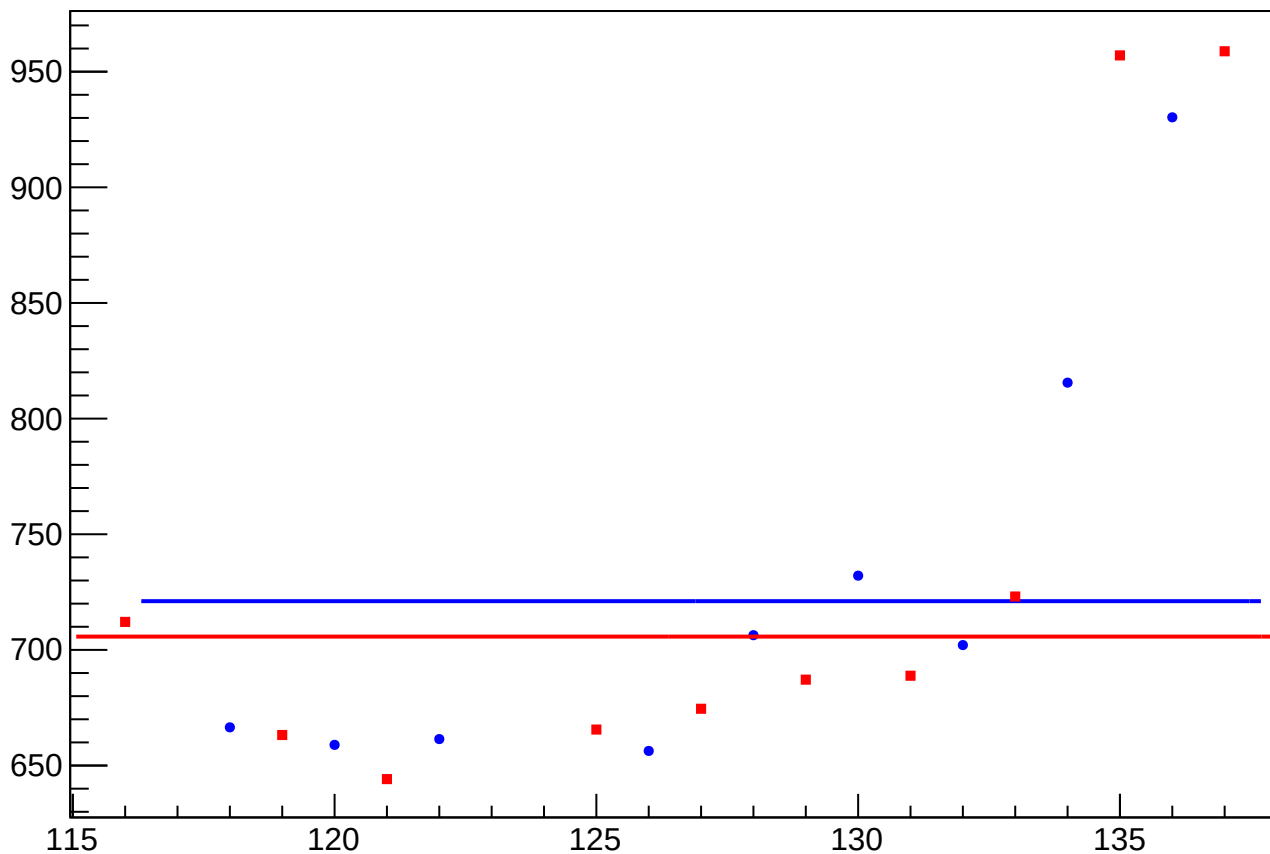
Right: 949.560+/-256.584 χ^2/NDF : 16.8/18

In: 1049.350+/-362.515 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.560+/-256.584 χ^2/NDF : 16.8/18

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 721.069+/-0.256 χ^2/NDF : 117507.4/8

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

Right Out: 705.750+/-0.257 χ^2/NDF : 108494.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

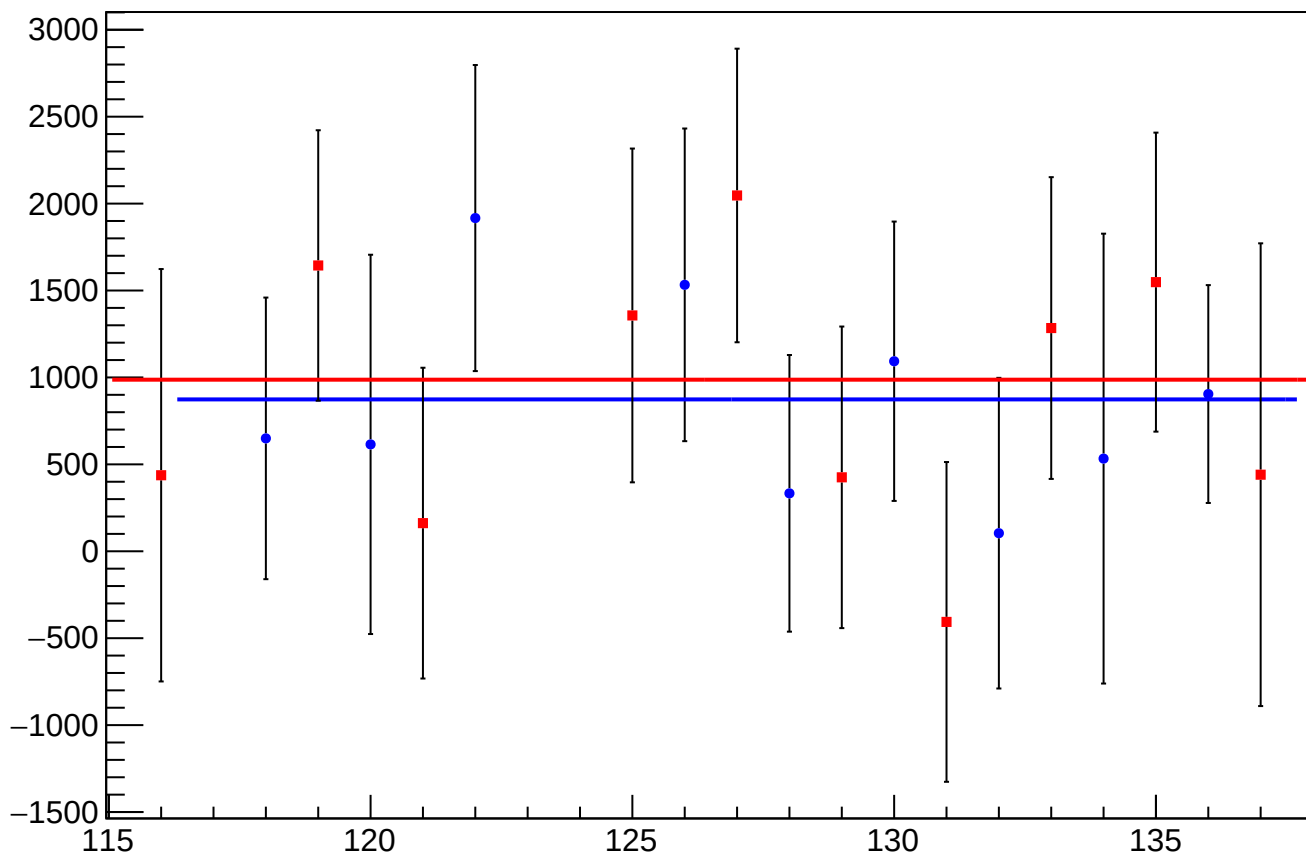
Right: 713.424+/-0.181 χ^2/NDF : 227784.0/18

In: 721.069+/-0.256 χ^2/NDF : 117507.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.424+/-0.181 χ^2/NDF : 227784.0/18

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 873.619+/-283.790 χ^2/NDF : 3.4/8

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

Right Out: 987.063+/-290.409 χ^2/NDF : 6.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

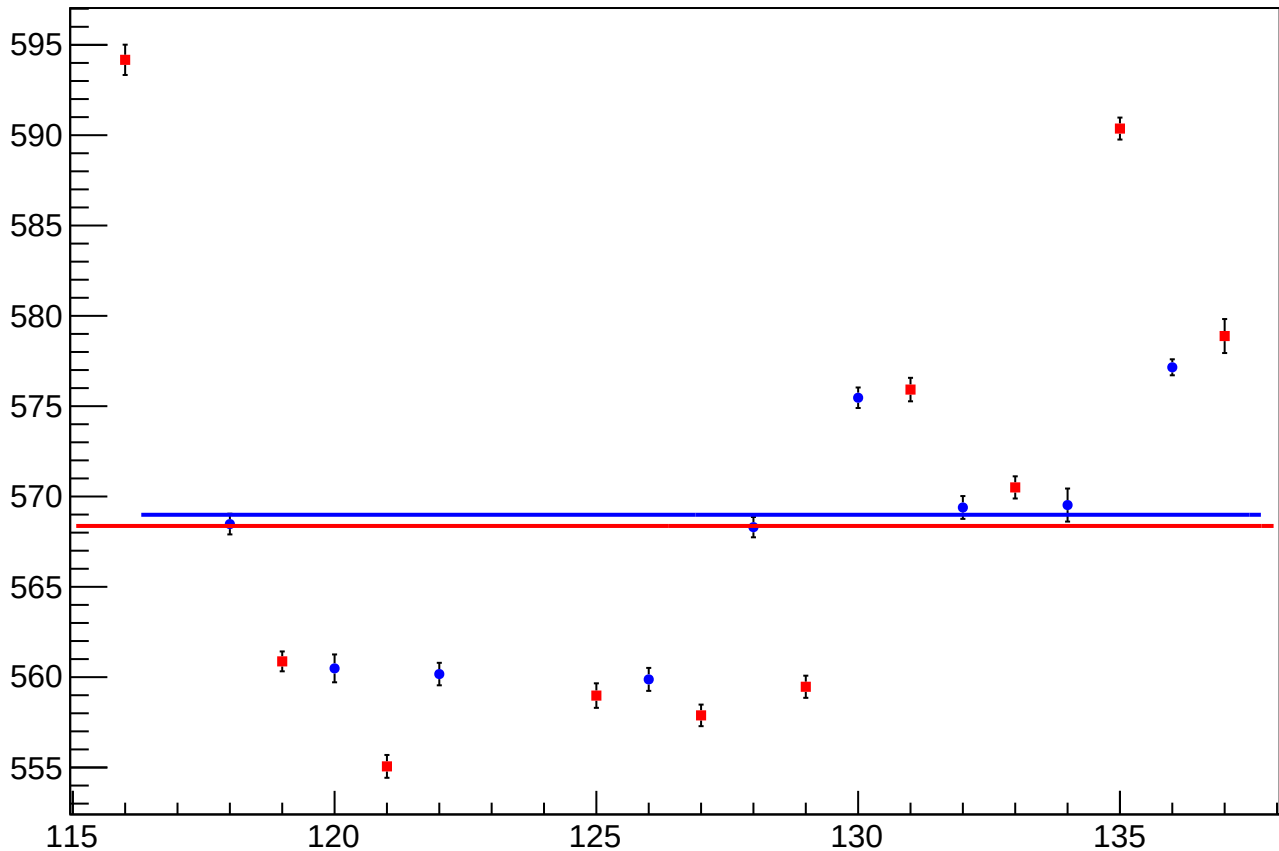
Right: 929.033+/-202.970 χ^2/NDF : 10.4/18

In: 873.619+/-283.790 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.033+/-202.970 χ^2/NDF : 10.4/18

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 568.989 $\pm$ 0.201 χ^2 /NDF: 1000.0/8

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

Right Out: 568.370 $\pm$ 0.205 χ^2 /NDF: 3865.6/9

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

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

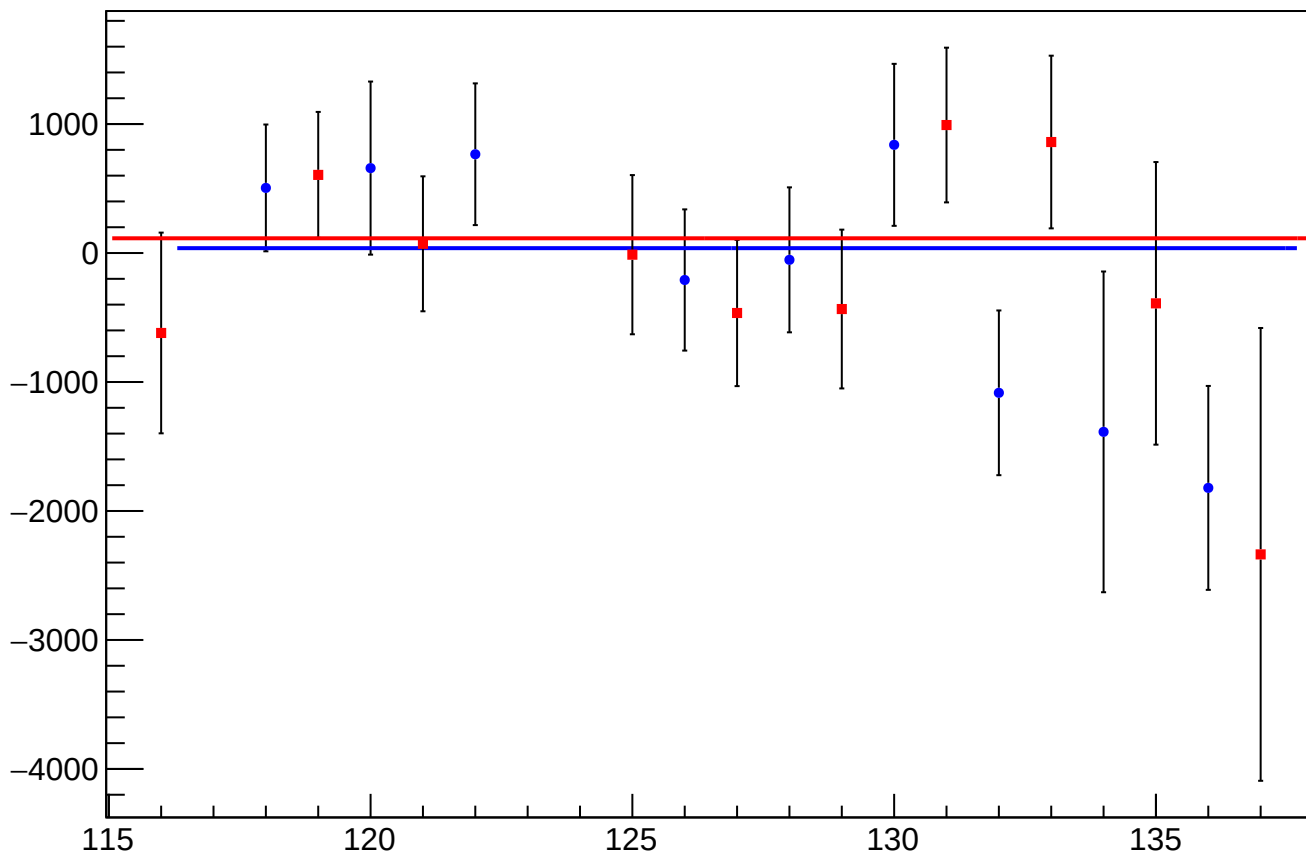
Right: 568.686 $\pm$ 0.144 χ^2 /NDF: 4870.2/18

In: 568.989 $\pm$ 0.201 χ^2 /NDF:1000.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 568.686 $\pm$ 0.144 χ^2 /NDF: 4870.2/18

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 37.728+/-206.675 χ^2/NDF : 15.3/8

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

Right Out: 114.239+/-203.946 χ^2/NDF : 9.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

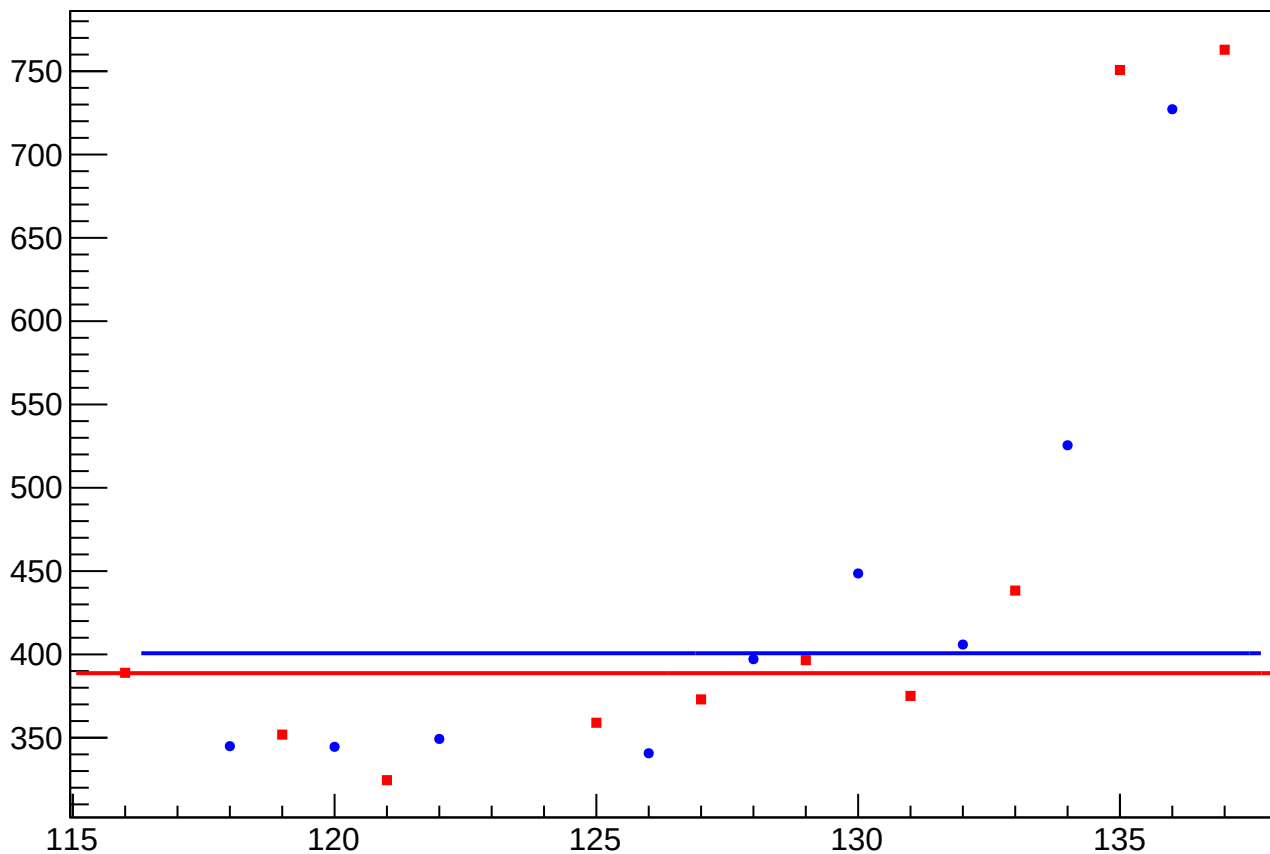
Right: 76.492+/-145.167 χ^2/NDF : 24.7/18

In: 37.728+/-206.675 χ^2/NDF : 15.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.492+/-145.167 χ^2/NDF : 24.7/18

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 400.698+/-0.146 χ^2/NDF : 454467.1/8

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

Right Out: 388.752+/-0.144 χ^2/NDF : 369251.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

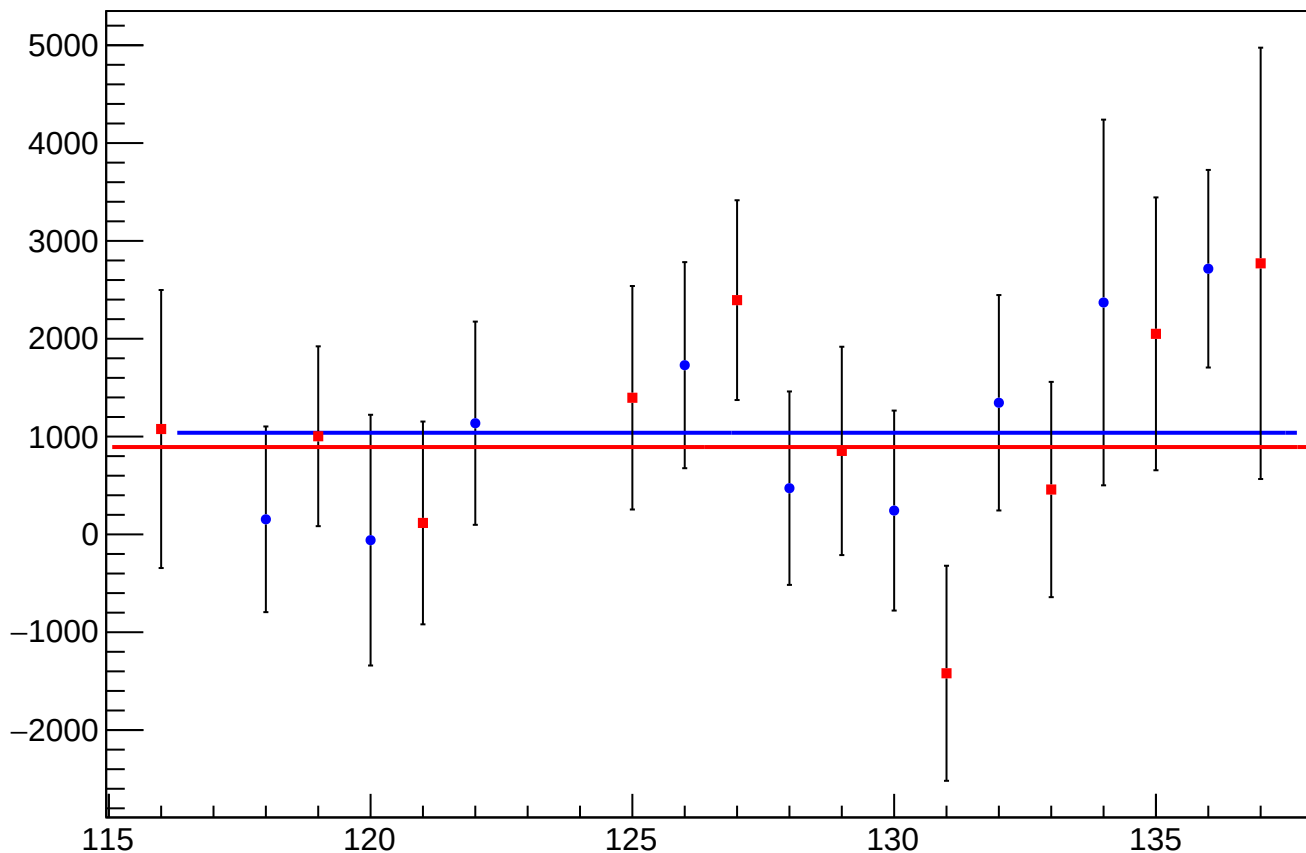
Right: 394.646+/-0.103 χ^2/NDF : 827103.6/18

In: 400.698+/-0.146 χ^2/NDF : 454467.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.646+/-0.103 χ^2/NDF : 827103.6/18

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 1038.833+/-362.254 χ^2/NDF : 6.3/8

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

Right Out: 892.872+/-362.936 χ^2/NDF : 8.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

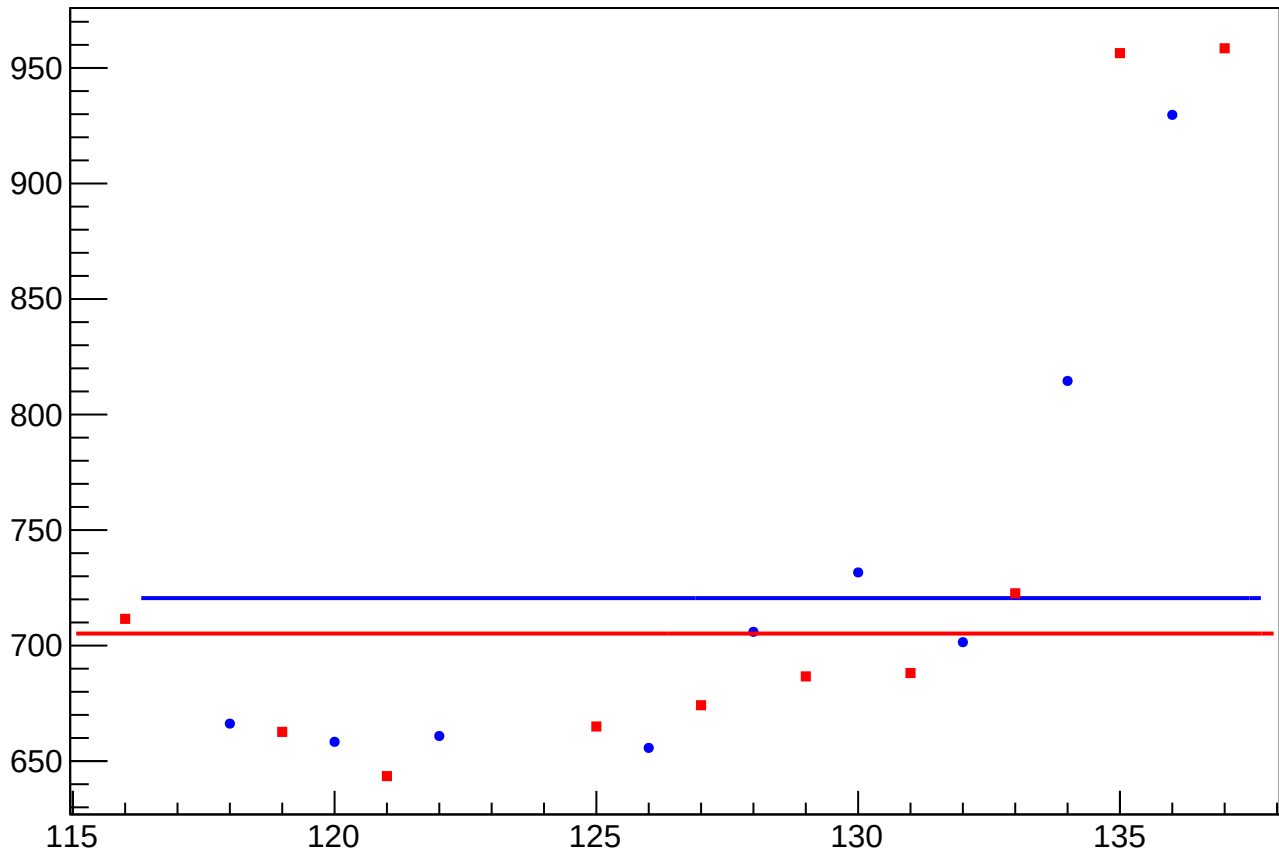
Right: 965.990+/-256.393 χ^2/NDF : 15.3/18

In: 1038.833+/-362.254 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.990+/-256.393 χ^2/NDF : 15.3/18

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 720.547+/-0.256 χ^2/NDF : 117565.5/8

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

Right Out: 705.204+/-0.257 χ^2/NDF : 108656.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

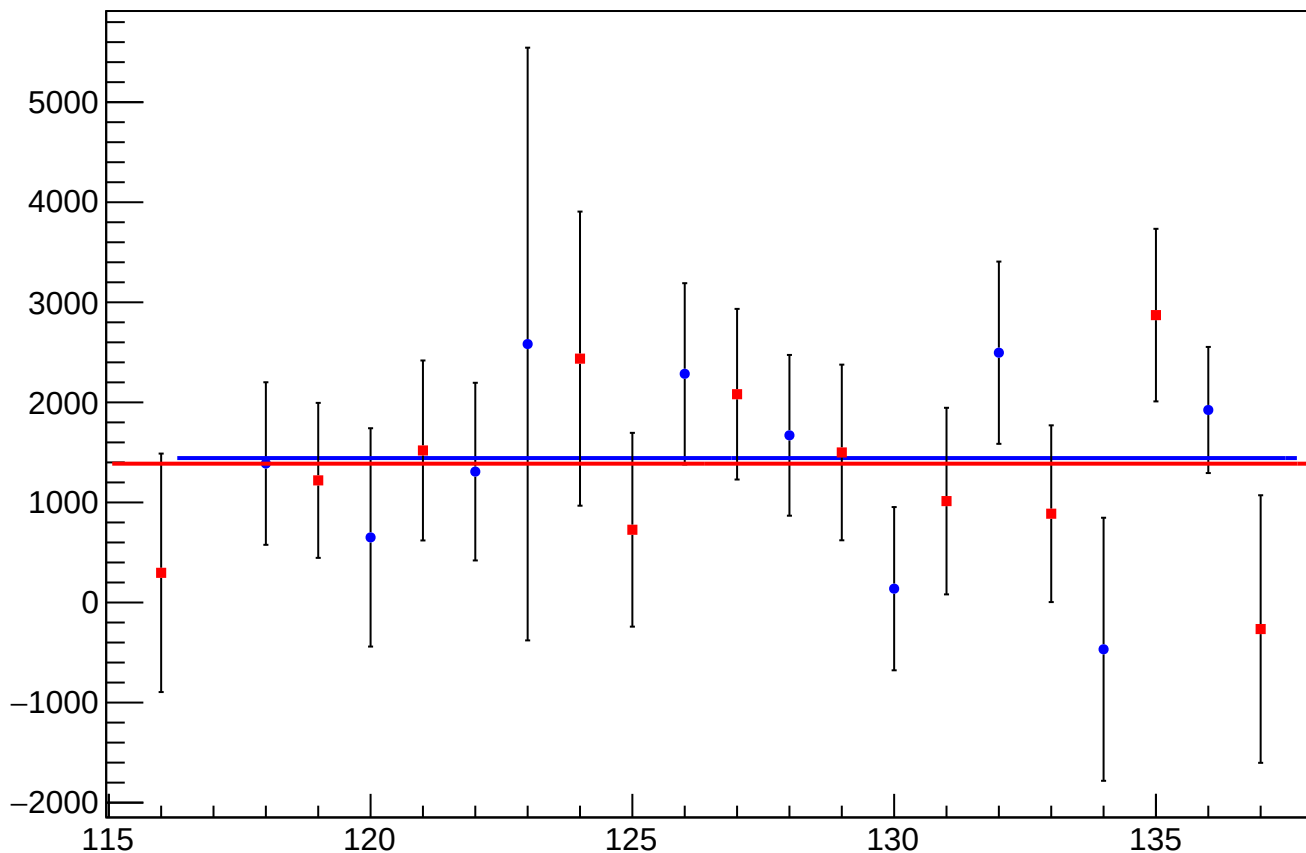
Right: 712.889+/-0.181 χ^2/NDF : 228012.8/18

In: 720.547+/-0.256 χ^2/NDF : 117565.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.889+/-0.181 χ^2/NDF : 228012.8/18

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1443.460+/-284.982 χ^2/NDF : 8.2/9

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

Right Out: 1387.438+/-286.910 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

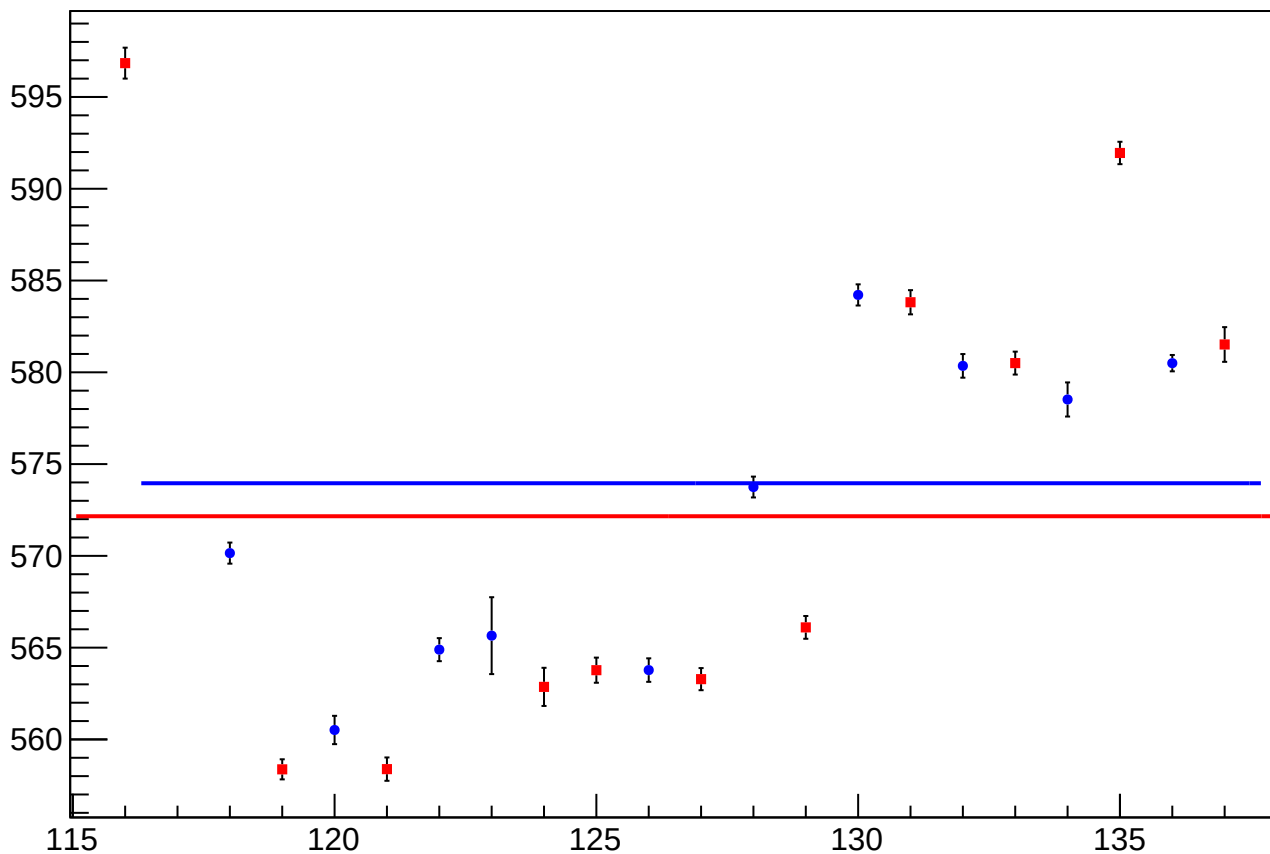
Right: 1415.638+/-202.191 χ^2/NDF : 15.8/20

In: 1443.460+/-284.982 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.638+/-202.191 χ^2/NDF : 15.8/20

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 573.956+/-0.202 χ^2/NDF : 1479.3/9

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

Right Out: 572.159+/-0.203 χ^2/NDF : 4146.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

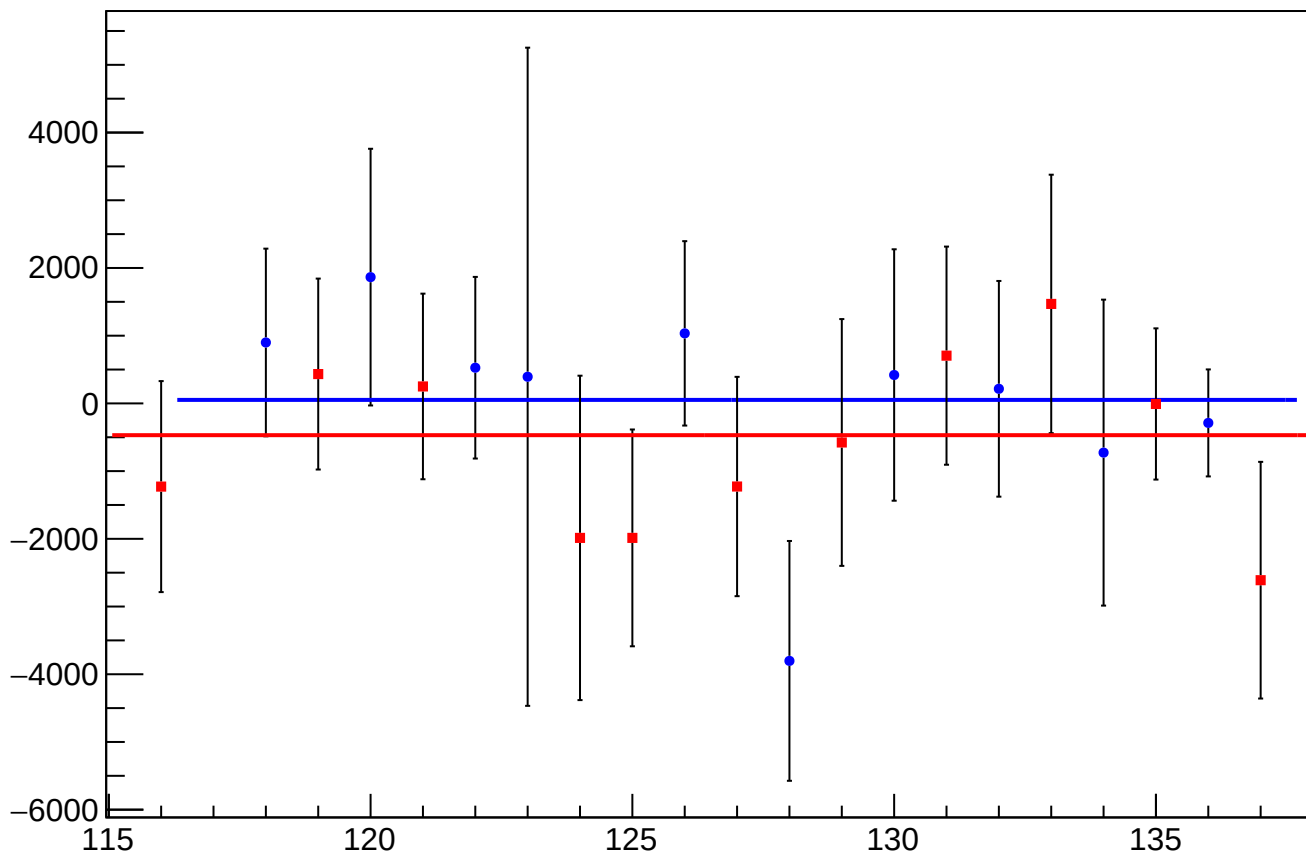
Right: 573.063+/-0.143 χ^2/NDF : 5665.2/20

In: 573.956+/-0.202 χ^2/NDF : 1479.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.063+/-0.143 χ^2/NDF : 5665.2/20

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: 51.683+/-459.430 χ^2/NDF : 7.0/9

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

Right Out: -469.283+/-472.264 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

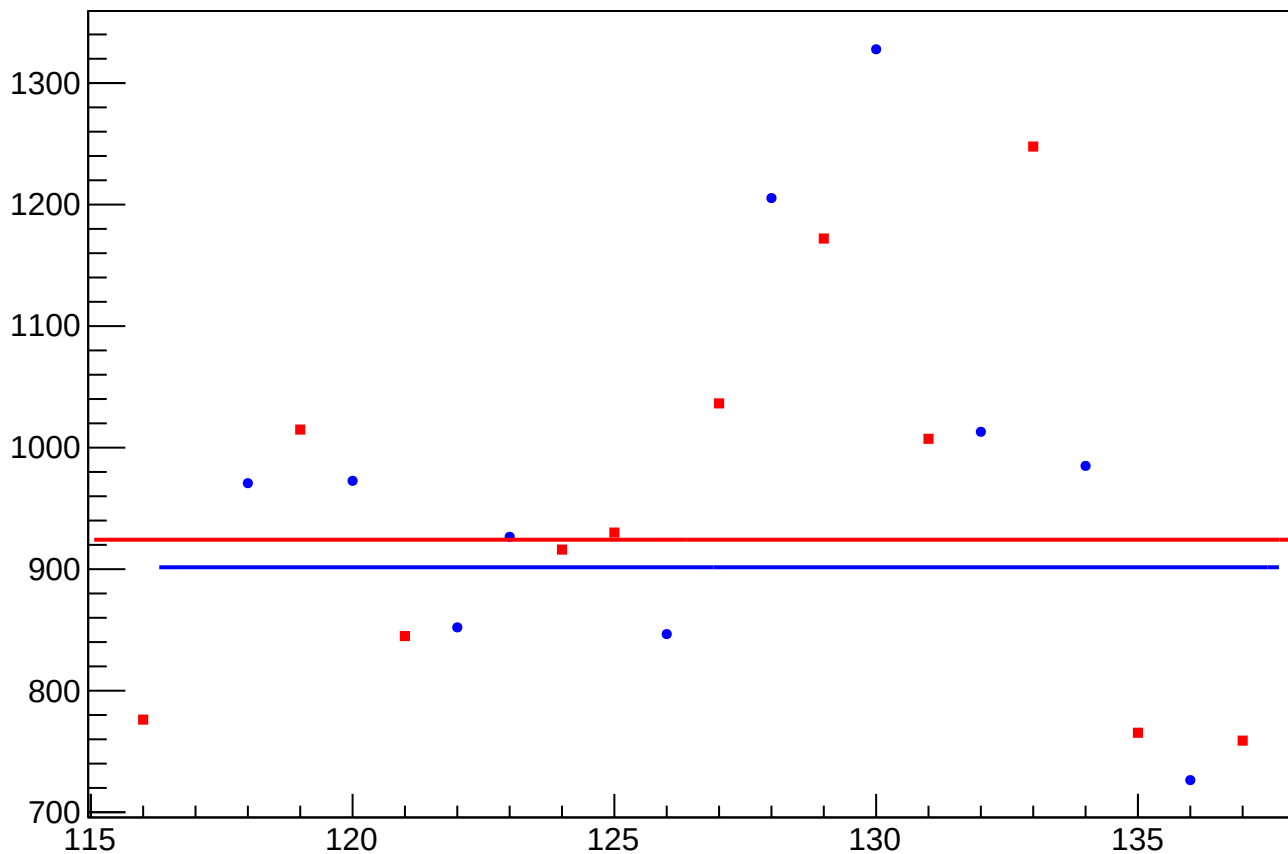
Right: -201.625+/-329.310 χ^2/NDF : 13.3/20

In: 51.683+/-459.430 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.625+/-329.310 χ^2/NDF : 13.3/20

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 901.567+/-0.325 χ^2/NDF : 288915.6/9

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

Right Out: 924.240+/-0.334 χ^2/NDF : 200805.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

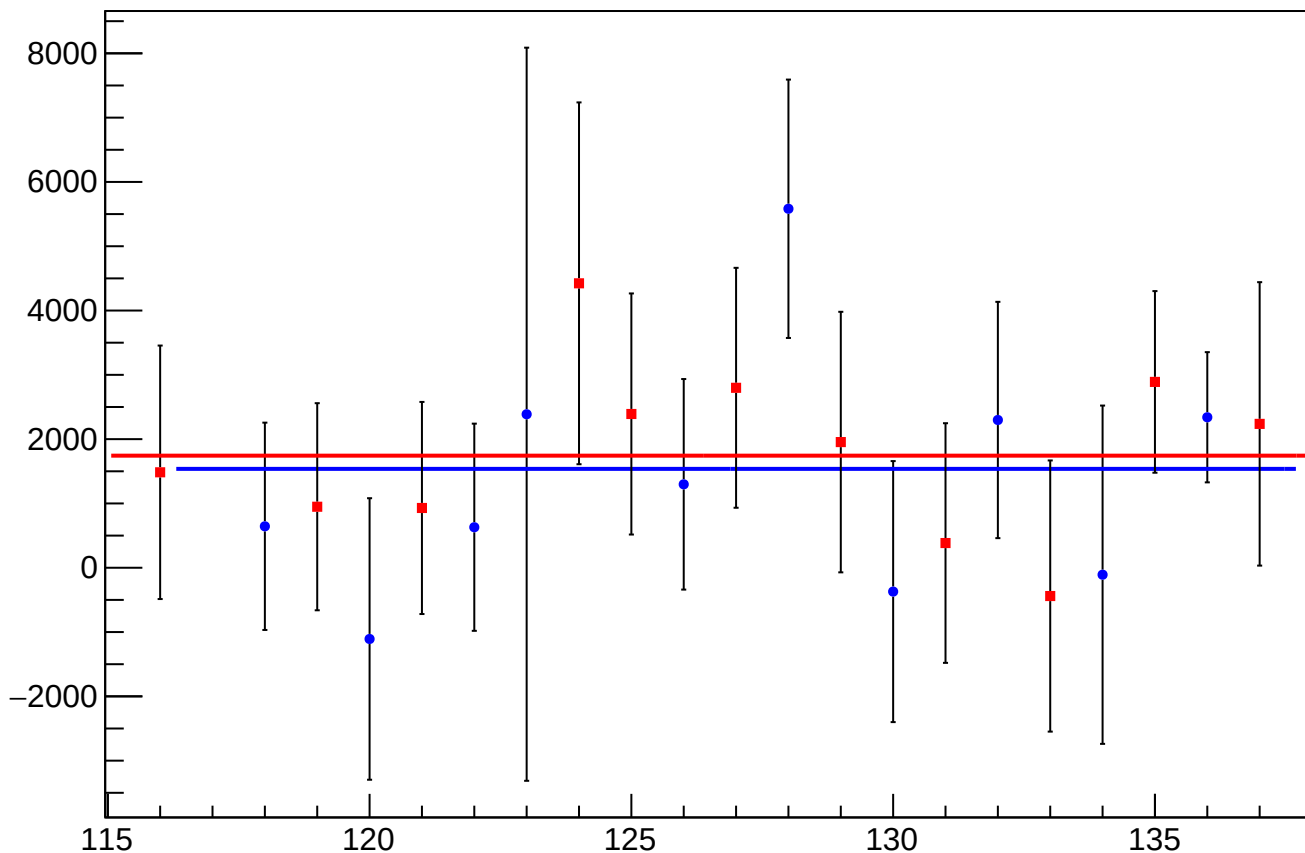
Right: 912.591+/-0.233 χ^2/NDF : 492089.2/20

In: 901.567+/-0.325 χ^2/NDF : 288915.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.591+/-0.233 χ^2/NDF : 492089.2/20

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 1537.720+/-551.389 χ^2/NDF : 8.3/9

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

Right Out: 1743.193+/-561.427 χ^2/NDF : 4.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

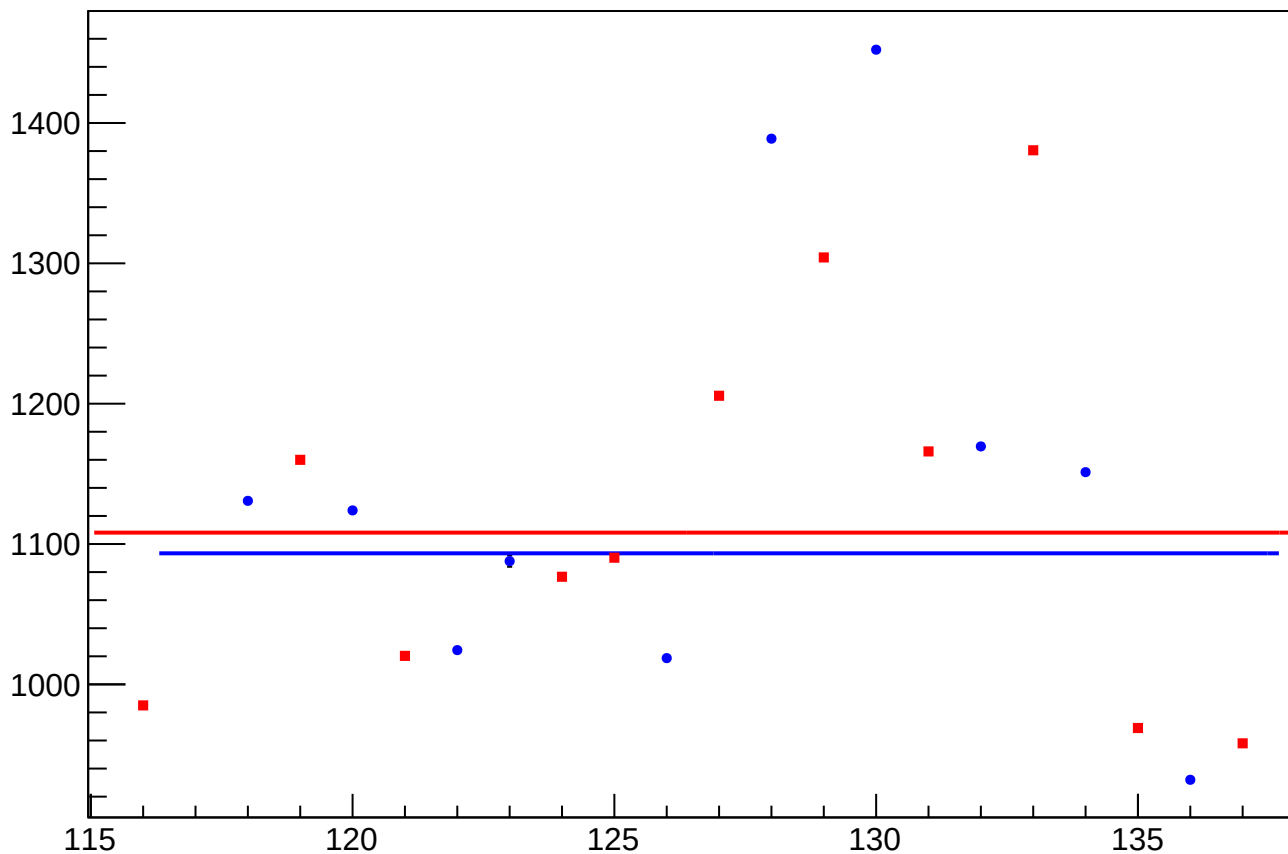
Right: 1638.603+/-393.392 χ^2/NDF : 12.5/20

In: 1537.720+/-551.389 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.603+/-393.392 χ^2/NDF : 12.5/20

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 1093.377+/-0.390 χ^2/NDF : 170269.3/9

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

Right Out: 1108.126+/-0.397 χ^2/NDF : 104205.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

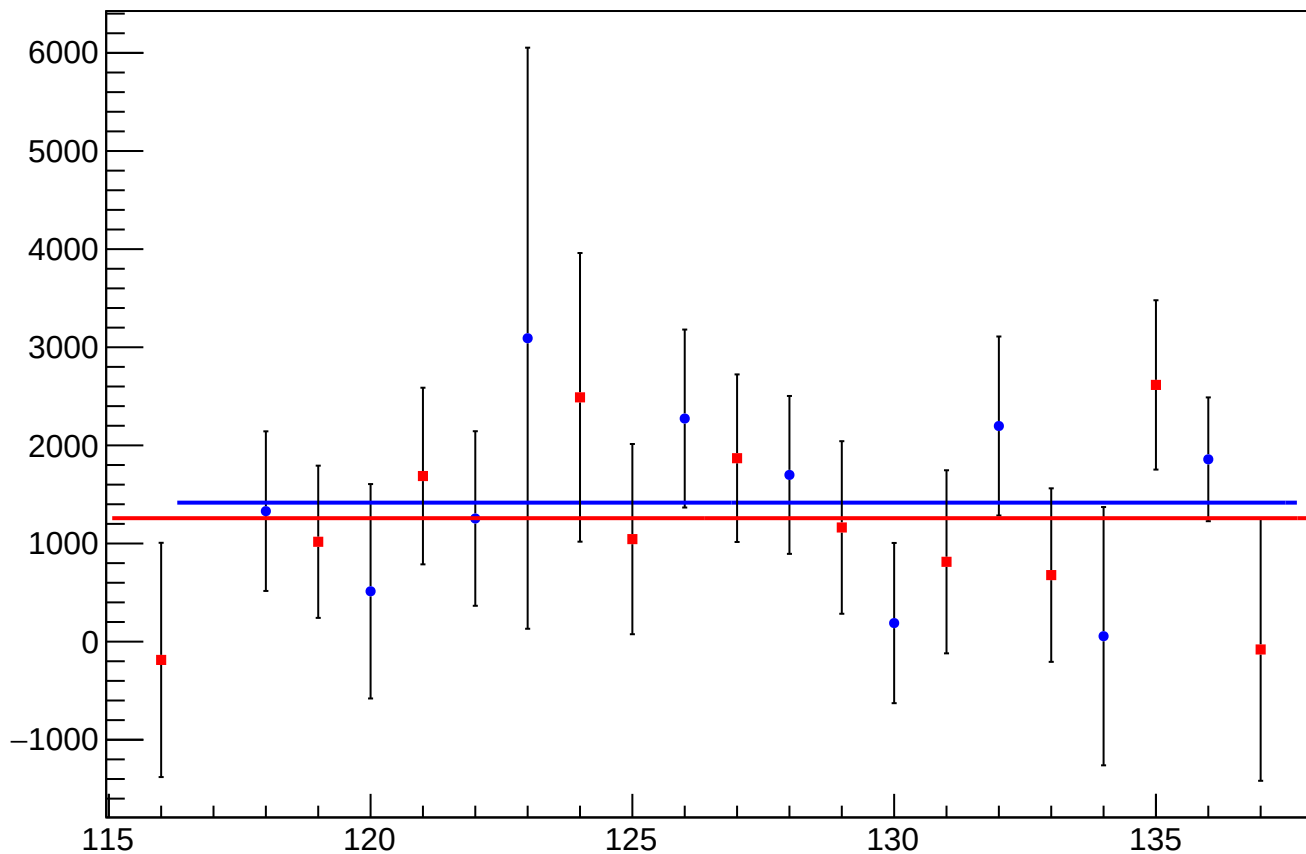
Right: 1100.618+/-0.278 χ^2/NDF : 275177.8/20

In: 1093.377+/-0.390 χ^2/NDF : 170269.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.618+/-0.278 χ^2/NDF : 275177.8/20

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1416.470+/-285.360 χ^2/NDF : 6.6/9

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

Right Out: 1258.041+/-287.262 χ^2/NDF : 7.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

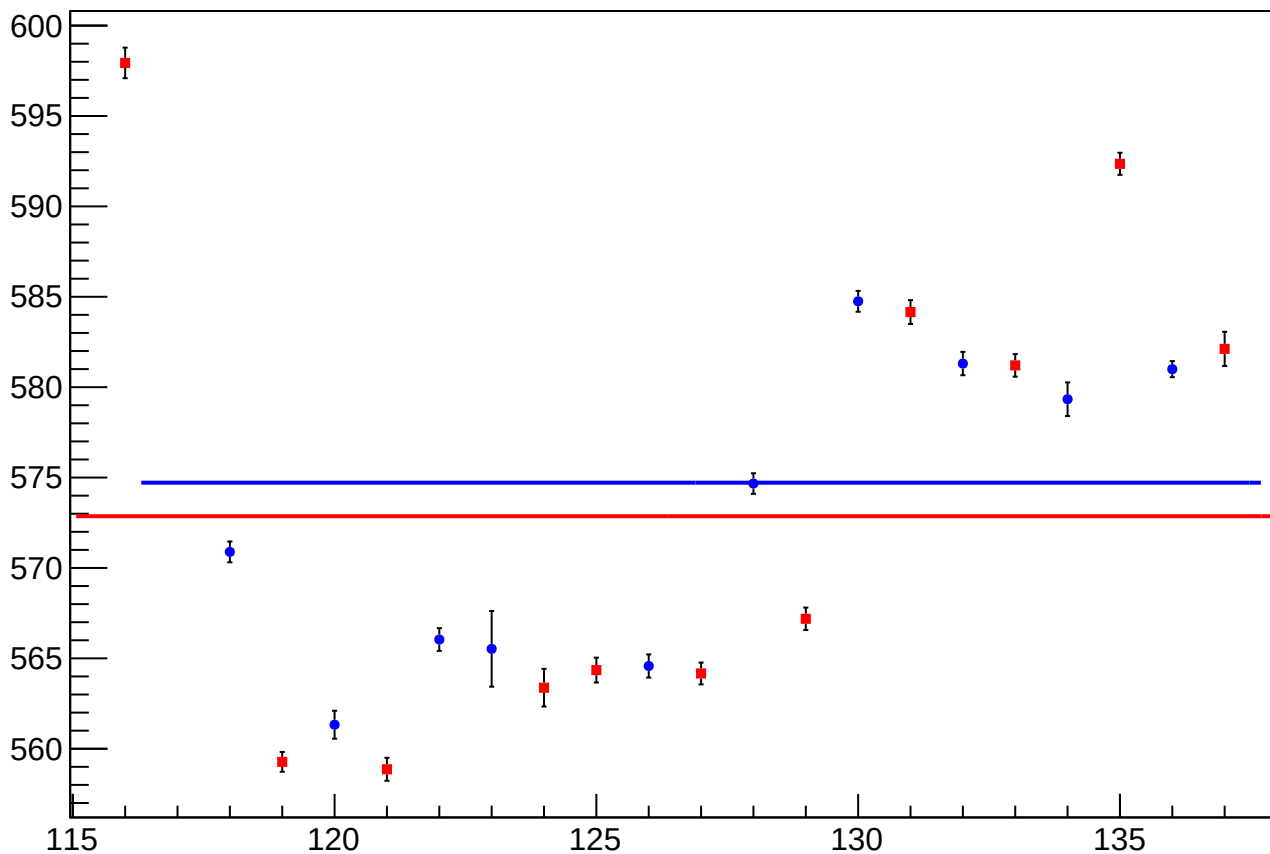
Right: 1337.782+/-202.449 χ^2/NDF : 14.0/20

In: 1416.470+/-285.360 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.782+/-202.449 χ^2/NDF : 14.0/20

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 574.717 $\pm$ 0.202 χ^2 /NDF: 1433.3/9

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

Right Out: 572.864 $\pm$ 0.203 χ^2 /NDF: 4095.3/10

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

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

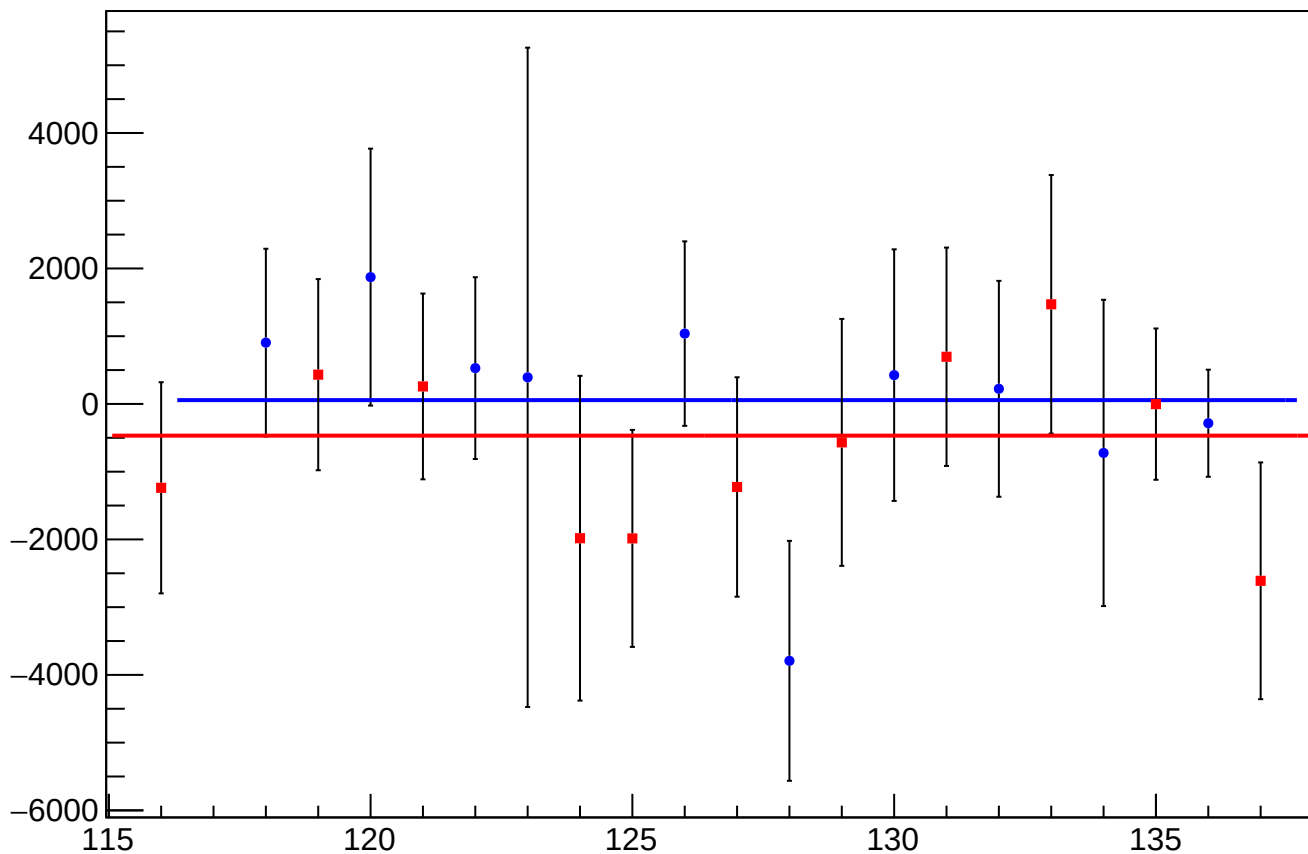
Right: 573.797 $\pm$ 0.143 χ^2 /NDF: 5570.5/20

In: 574.717 $\pm$ 0.202 χ^2 /NDF:1433.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 573.797 $\pm$ 0.143 χ^2 /NDF: 5570.5/20

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: 56.290+/-459.594 χ^2/NDF : 7.0/9

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

Right Out: -468.012+/-472.419 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

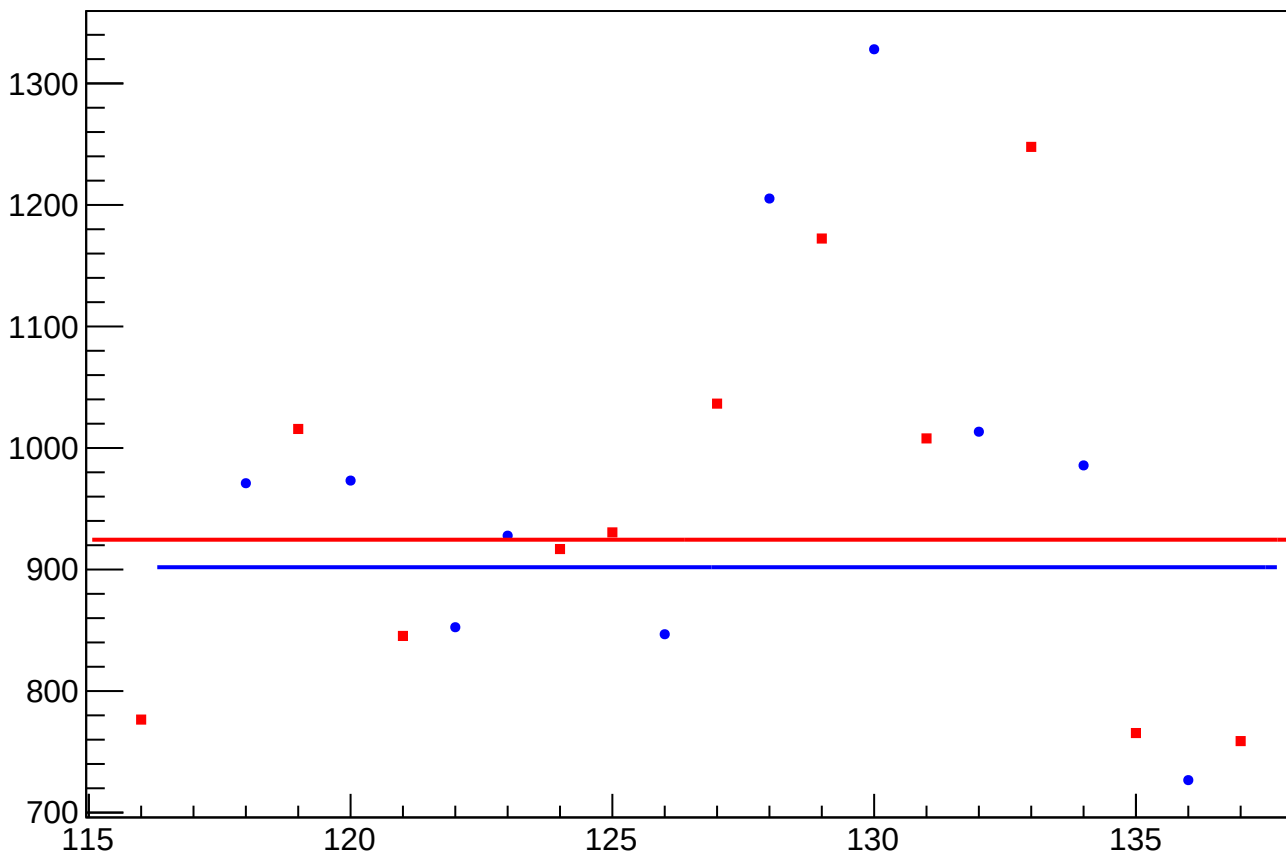
Right: -198.647+/-329.423 χ^2/NDF : 13.3/20

In: 56.290+/-459.594 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.647+/-329.423 χ^2/NDF : 13.3/20

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 901.900 $\pm$ 0.325 χ^2 /NDF: 288692.2/9

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

Right Out: 924.540 $\pm$ 0.334 χ^2 /NDF: 200926.8/10

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

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

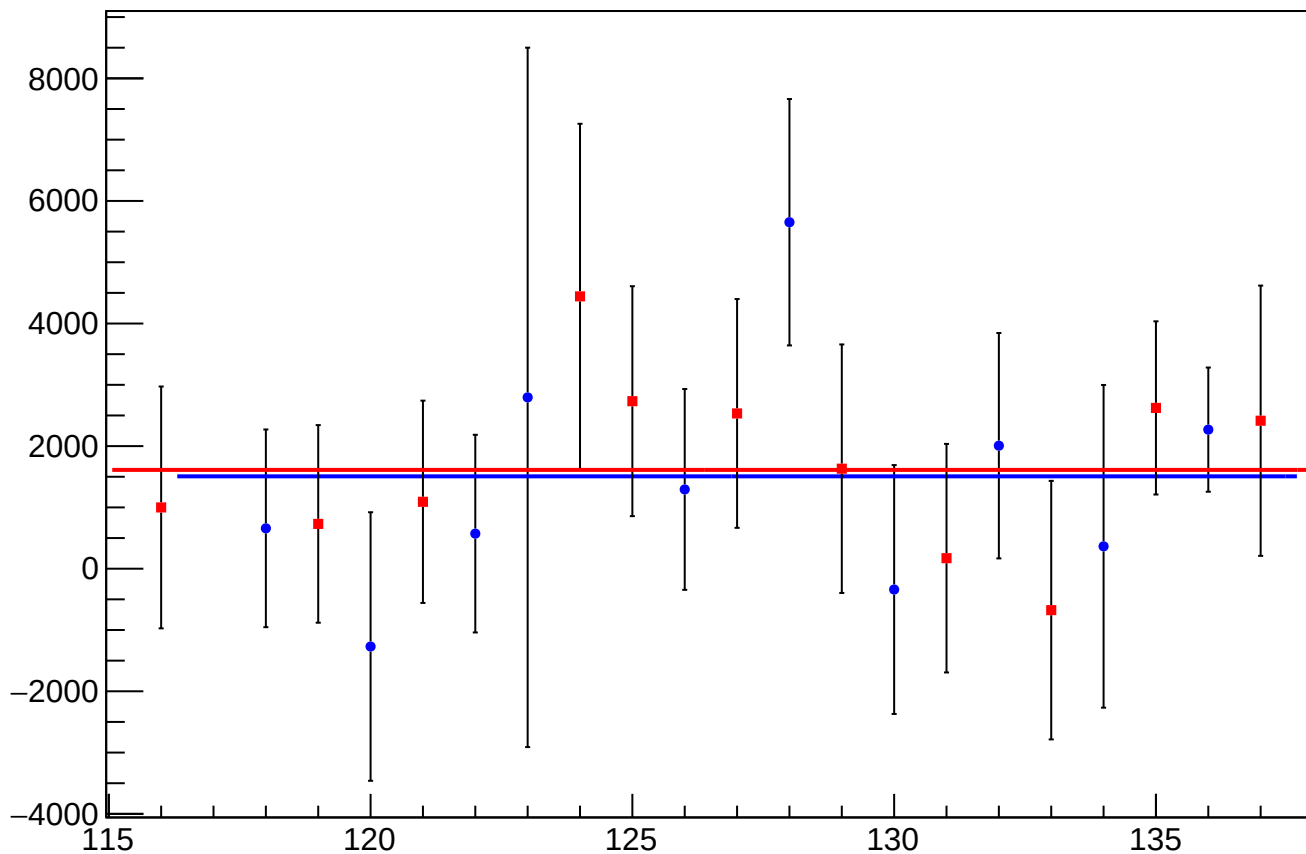
Right: 912.909 $\pm$ 0.233 χ^2 /NDF: 491978.8/20

In: 901.900 $\pm$ 0.325 χ^2 /NDF:288692.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 912.909 $\pm$ 0.233 χ^2 /NDF: 491978.8/20

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 1506.825+/-551.728 χ^2/NDF : 8.2/9

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

Right Out: 1612.084+/-561.748 χ^2/NDF : 4.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

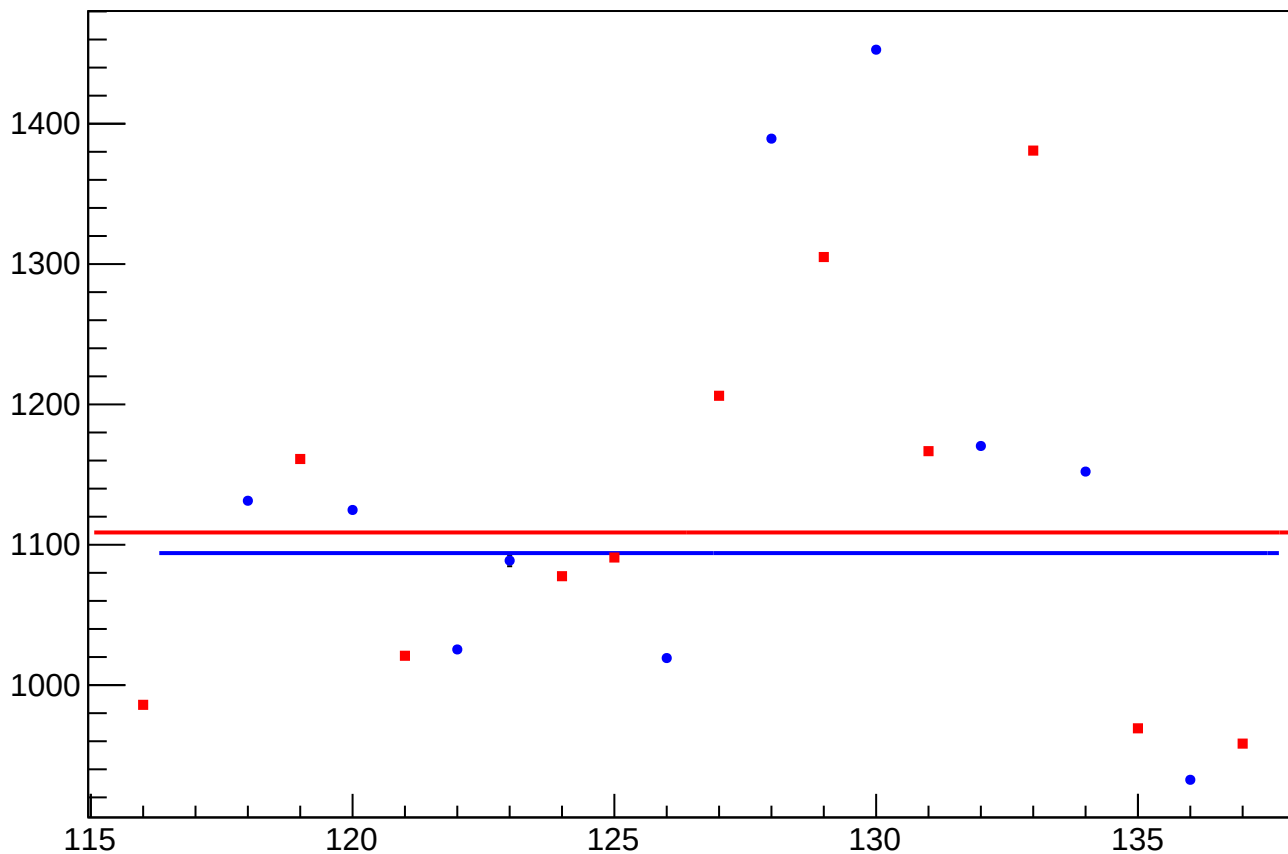
Right: 1558.508+/-393.625 χ^2/NDF : 12.7/20

In: 1506.825+/-551.728 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.508+/-393.625 χ^2/NDF : 12.7/20

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 1094.064+/-0.390 χ^2/NDF : 170116.3/9

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

Right Out: 1108.765+/-0.397 χ^2/NDF : 104194.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

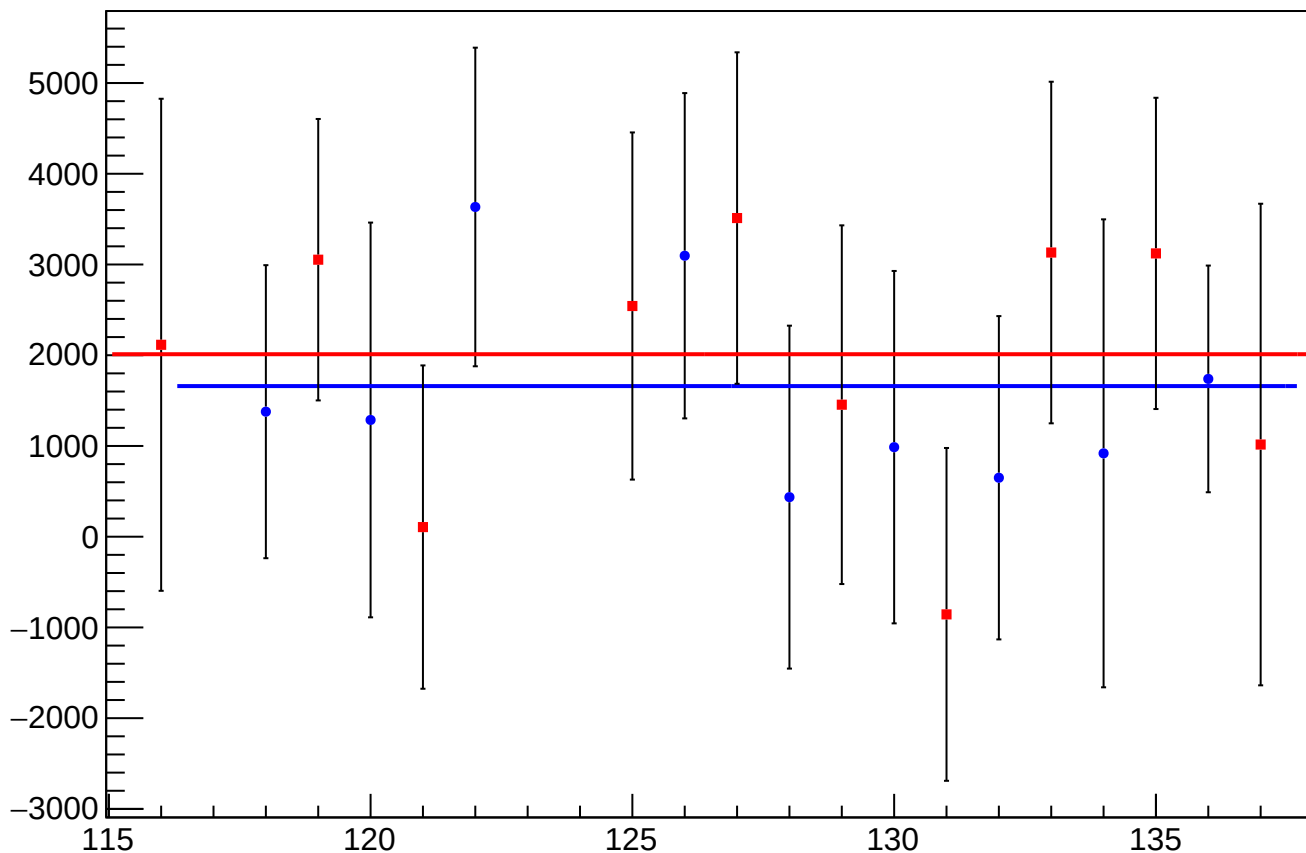
Right: 1101.282+/-0.278 χ^2/NDF : 275007.7/20

In: 1094.064+/-0.390 χ^2/NDF : 170116.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.282+/-0.278 χ^2/NDF : 275007.7/20

cor_usl_mean vs Slug, Sign Corrected



Right In: 1659.929+/-589.059 χ^2/NDF : 2.9/8

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

Right Out: 2011.094+/-602.237 χ^2/NDF : 5.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

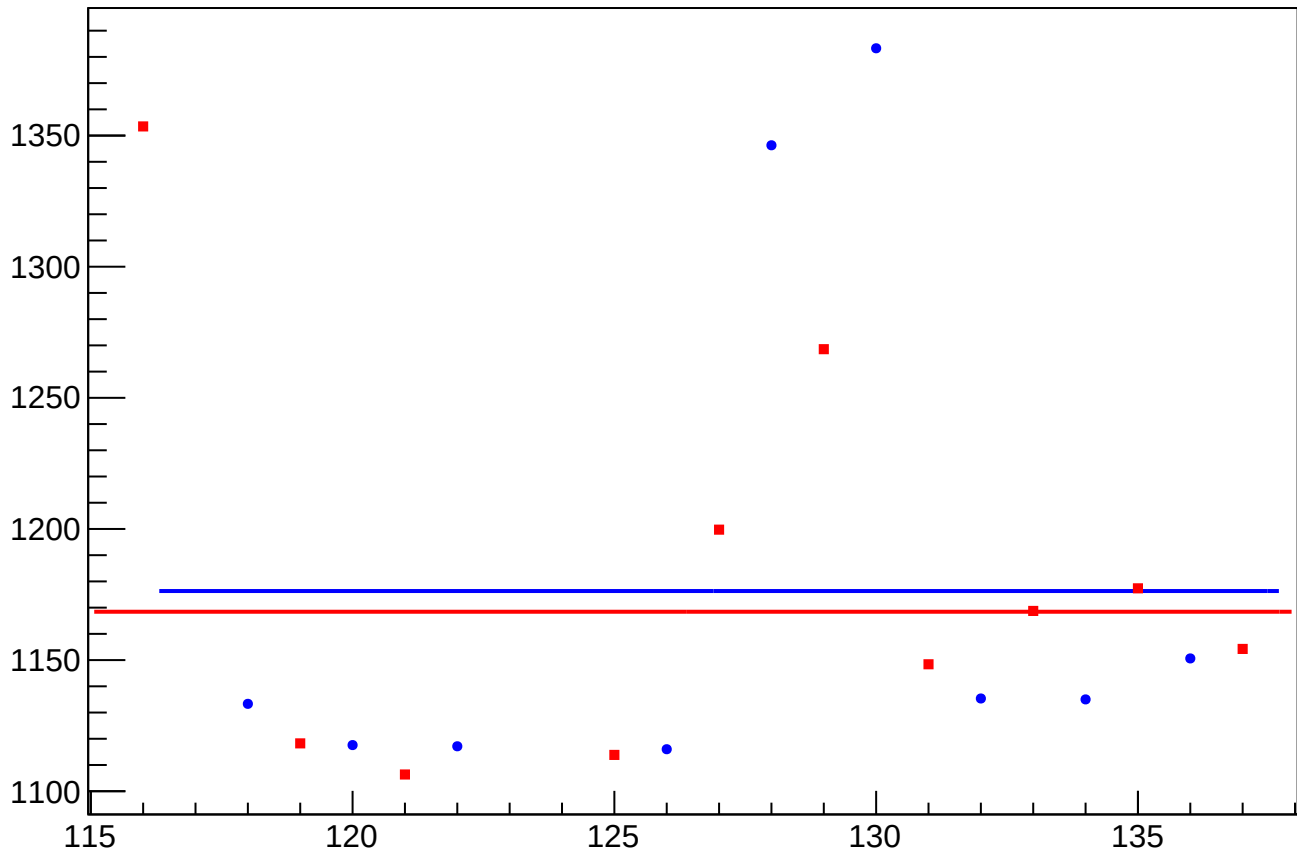
Right: 1831.627+/-421.110 χ^2/NDF : 8.9/18

In: 1659.929+/-589.059 χ^2/NDF : 2.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.627+/-421.110 χ^2/NDF : 8.9/18

cor_usl_rms vs Slug, Sign Corrected



Right In: 1176.333+/-0.417 χ^2/NDF : 48729.5/8

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

Right Out: 1168.437+/-0.426 χ^2/NDF : 21534.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

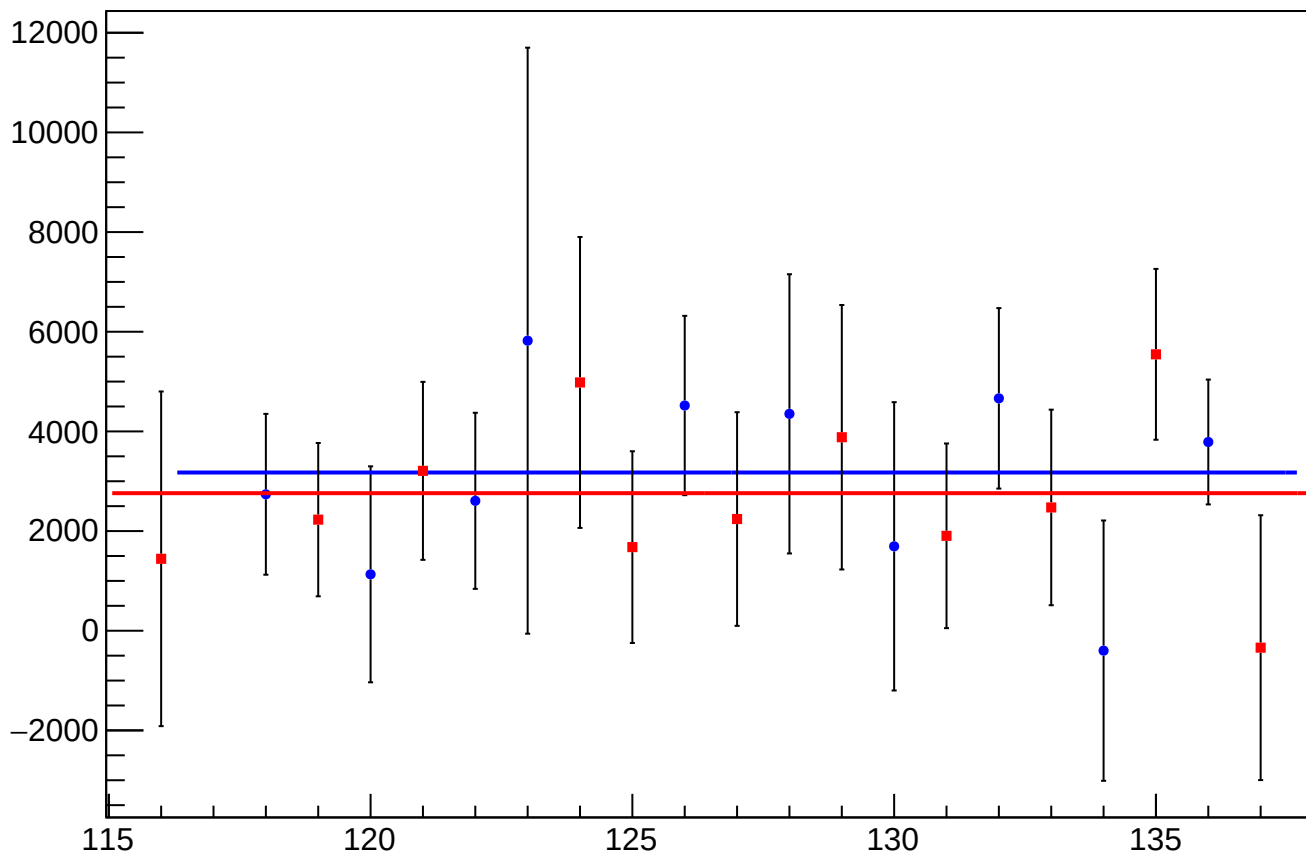
Right: 1172.472+/-0.298 χ^2/NDF : 70439.4/18

In: 1176.333+/-0.417 χ^2/NDF : 48729.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1172.472+/-0.298 χ^2/NDF : 70439.4/18

cor_usr_mean vs Slug, Sign Corrected



Right In: 3175.255+/-621.262 χ^2/NDF : 5.1/9

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

Right Out: 2760.430+/-619.564 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

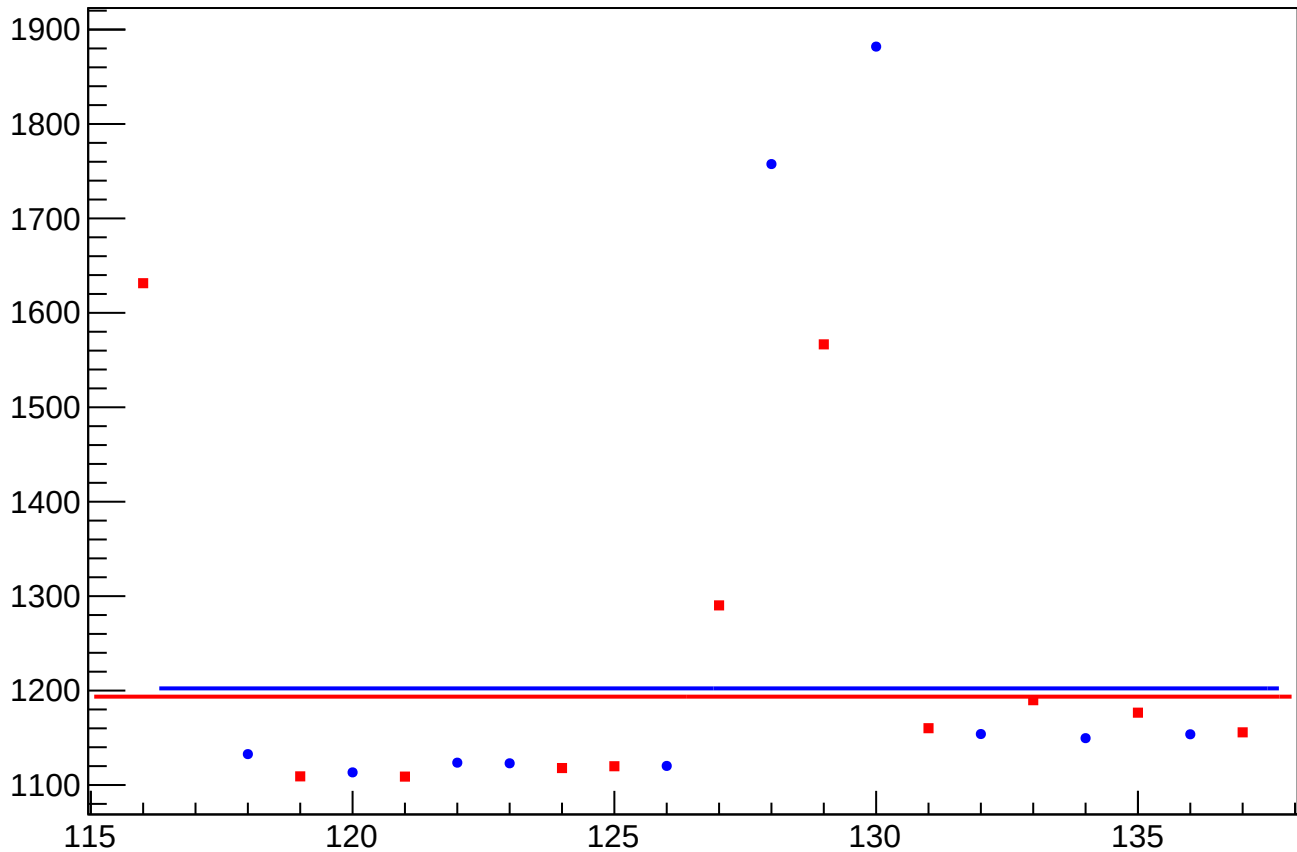
Right: 2967.275+/-438.697 χ^2/NDF : 11.0/20

In: 3175.255+/-621.262 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2967.275+/-438.697 χ^2/NDF : 11.0/20

cor_usr_rms vs Slug, Sign Corrected



Right In: 1202.316+/-0.439 χ^2/NDF : 209774.0/9

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

Right Out: 1193.570+/-0.438 χ^2/NDF : 93658.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

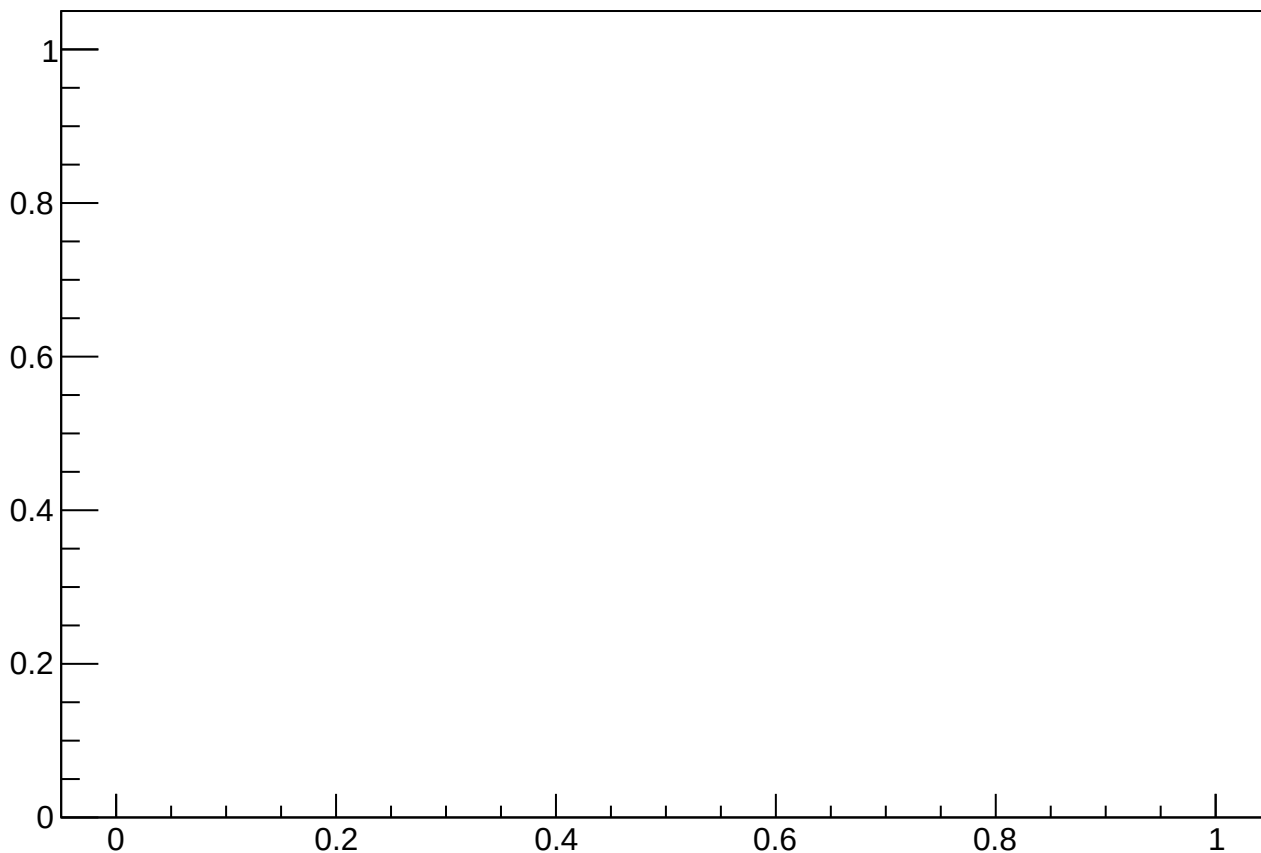
Right: 1197.931+/-0.310 χ^2/NDF : 303631.3/20

In: 1202.316+/-0.439 χ^2/NDF : 209774.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.931+/-0.310 χ^2/NDF : 303631.3/20

cor_dsl_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

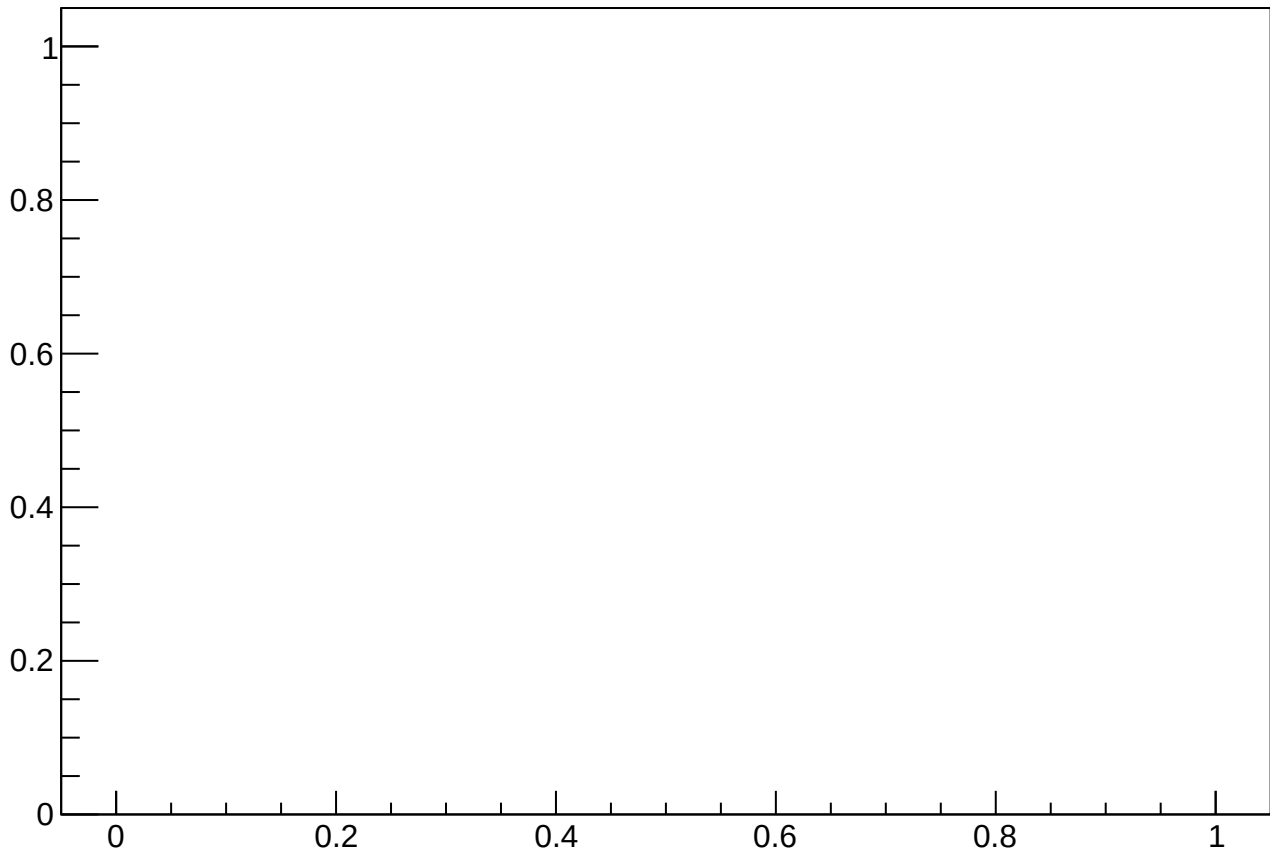
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsl_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

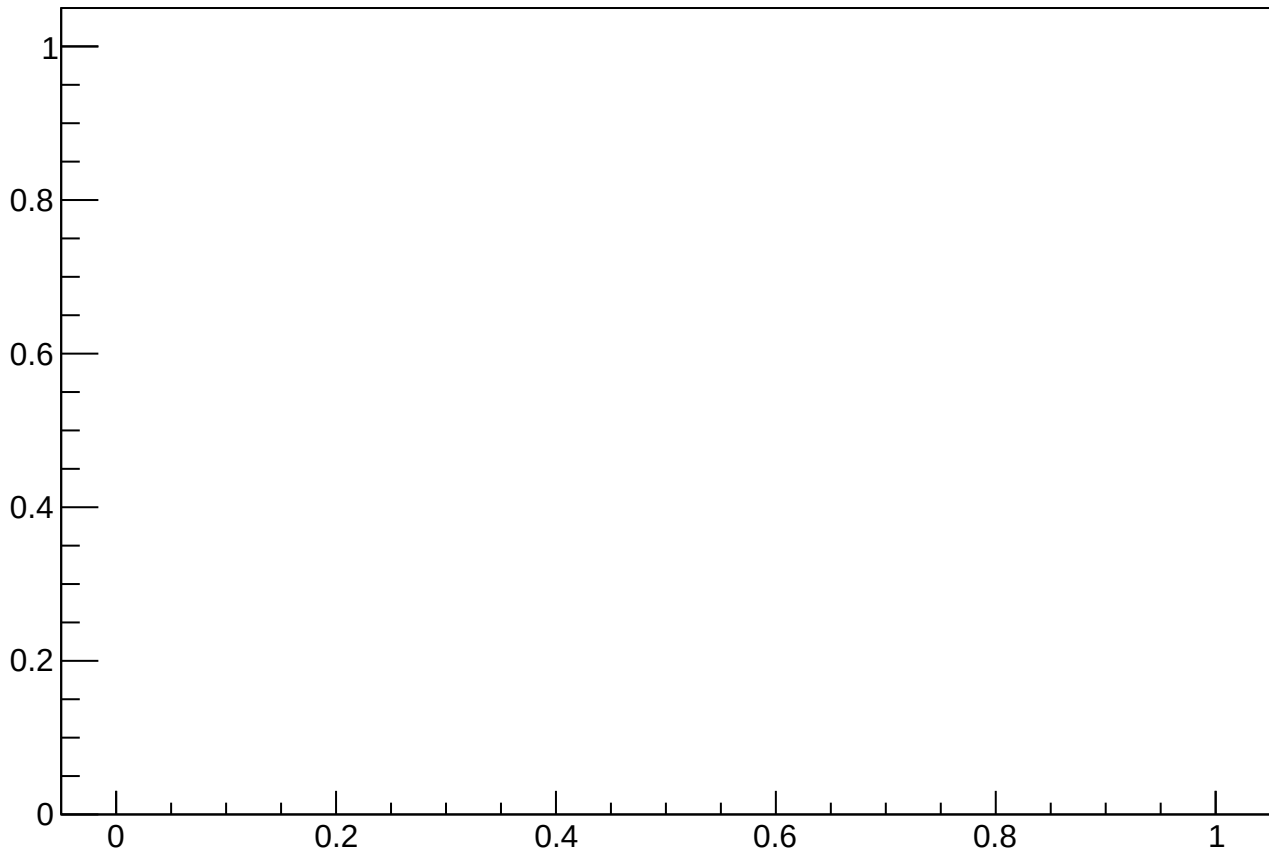
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

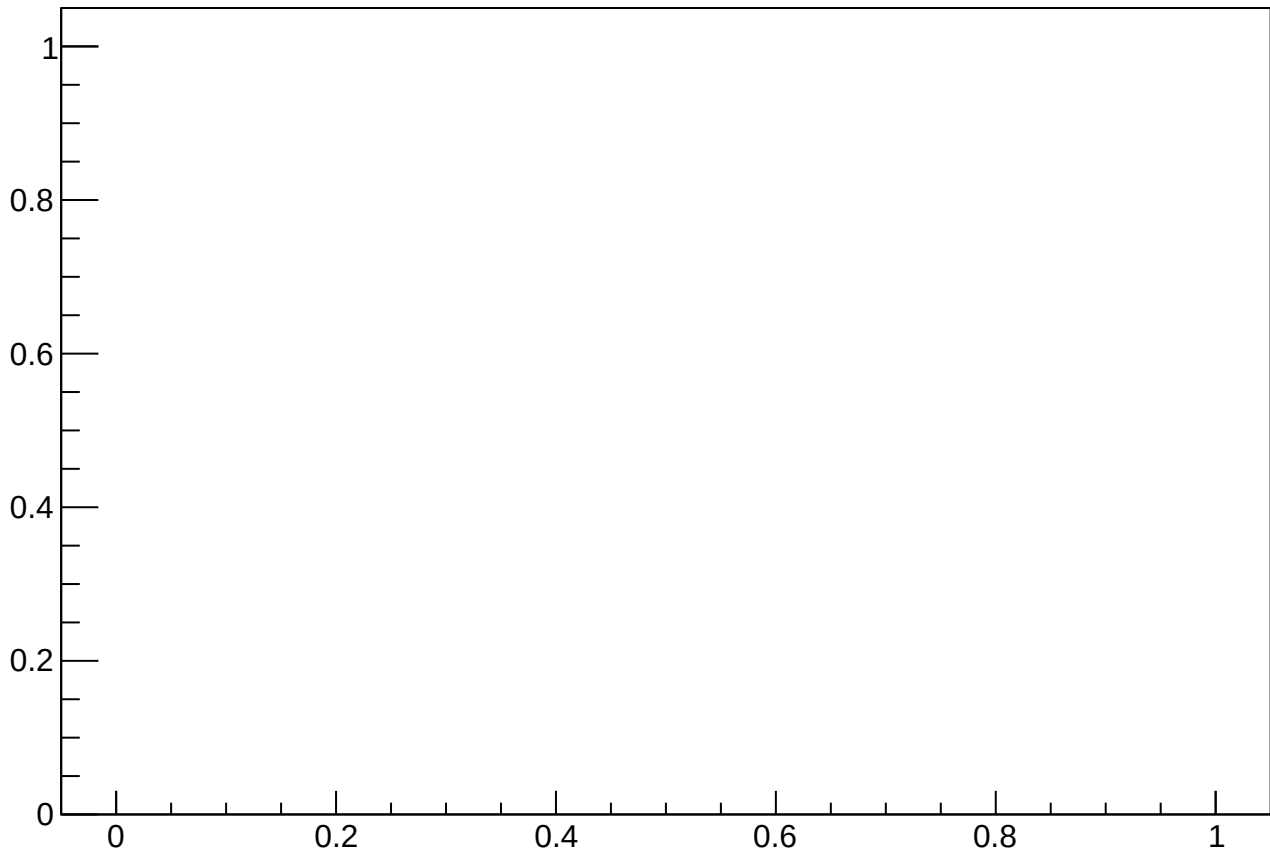
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_dsr_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

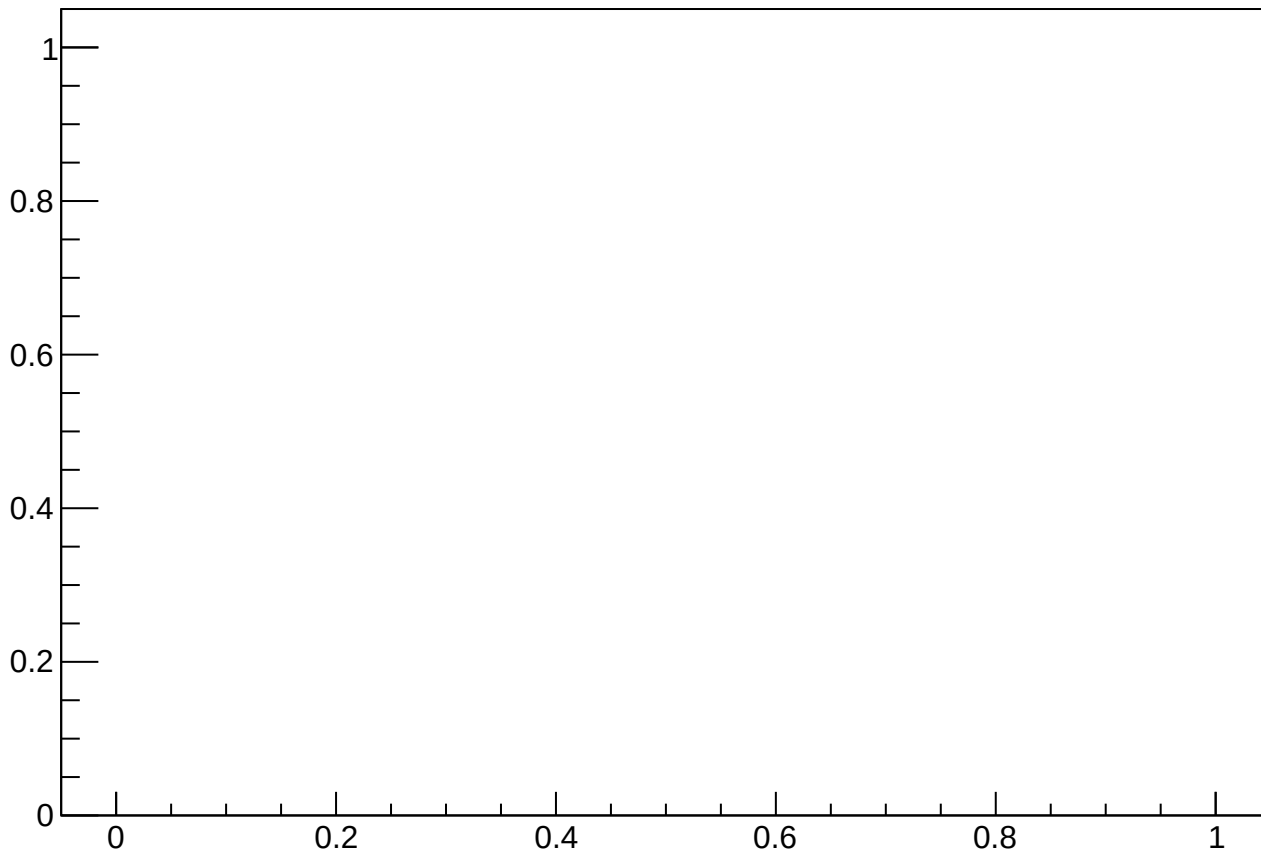
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

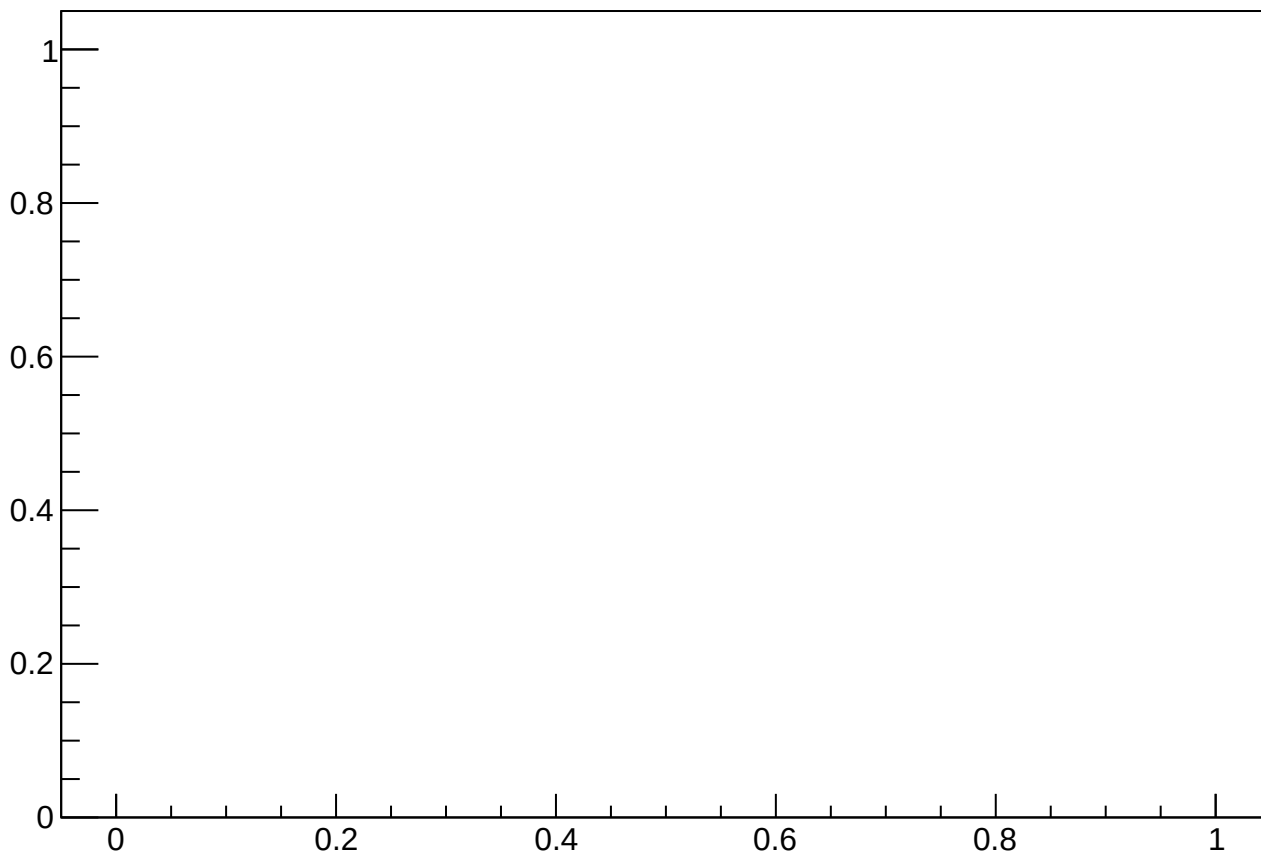
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_avg_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

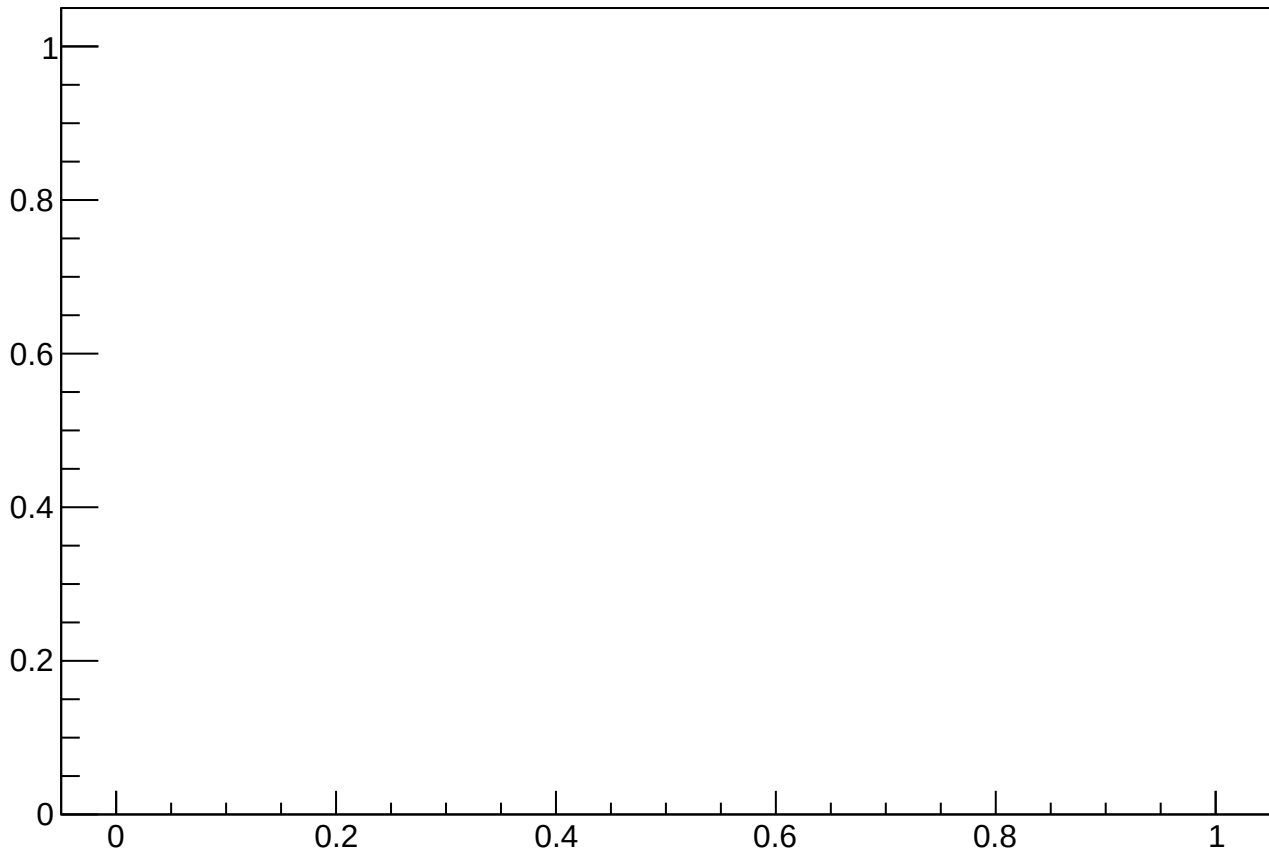
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

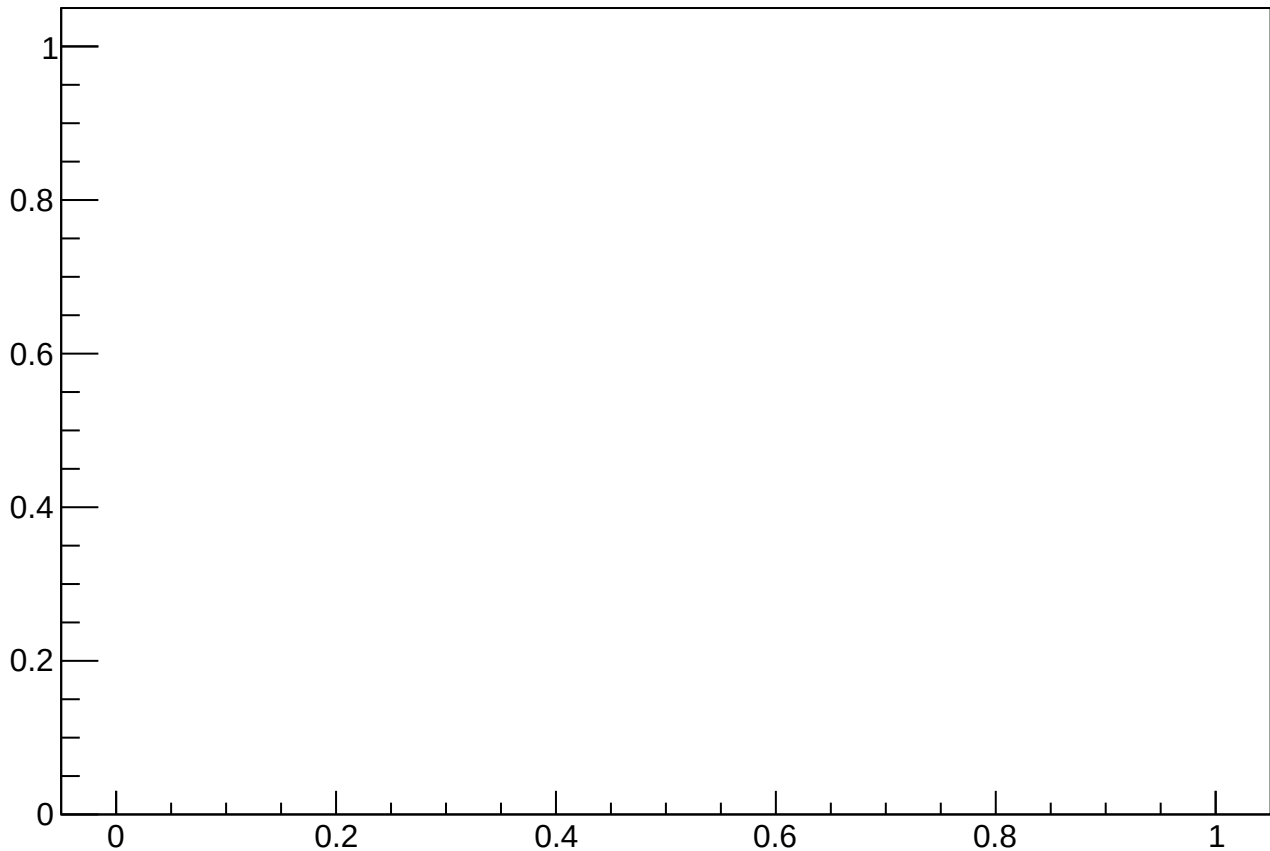
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_us_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

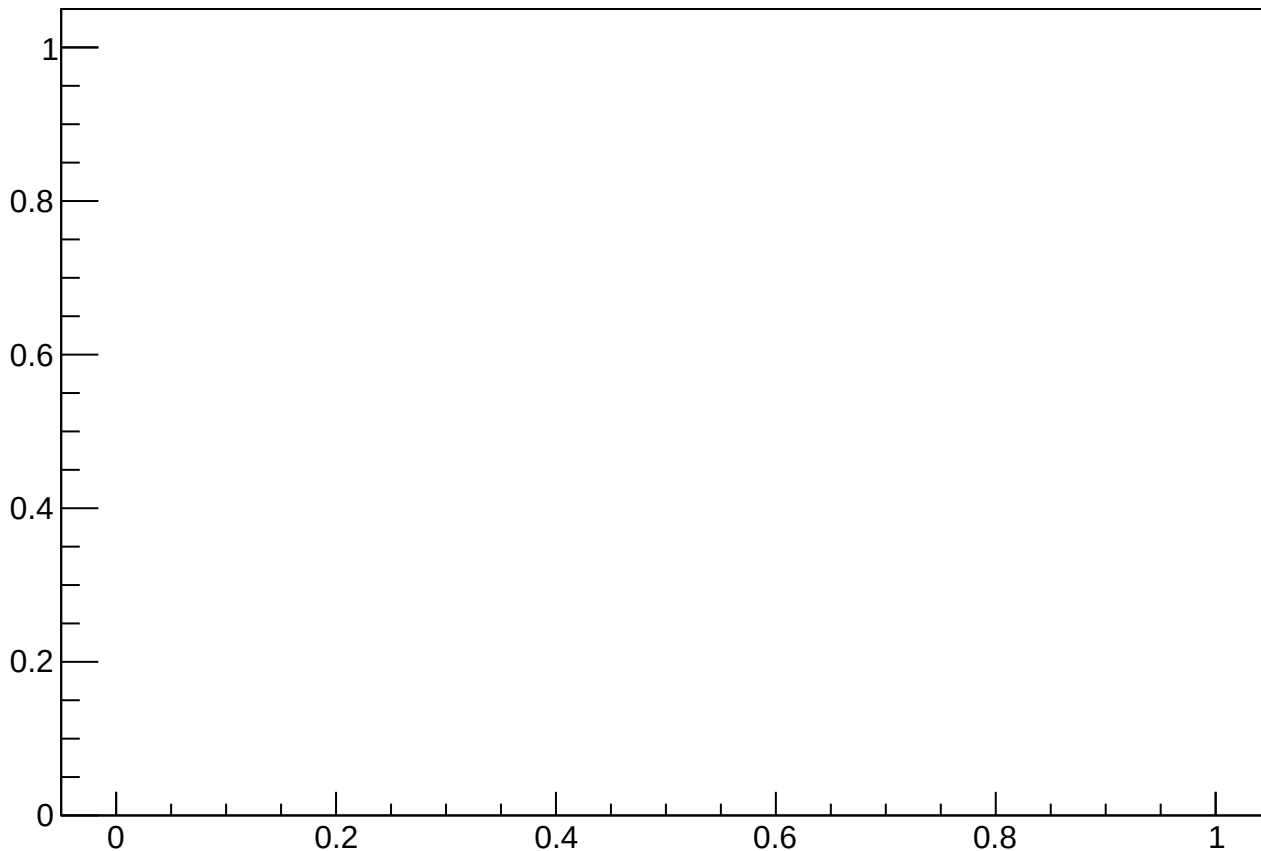
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

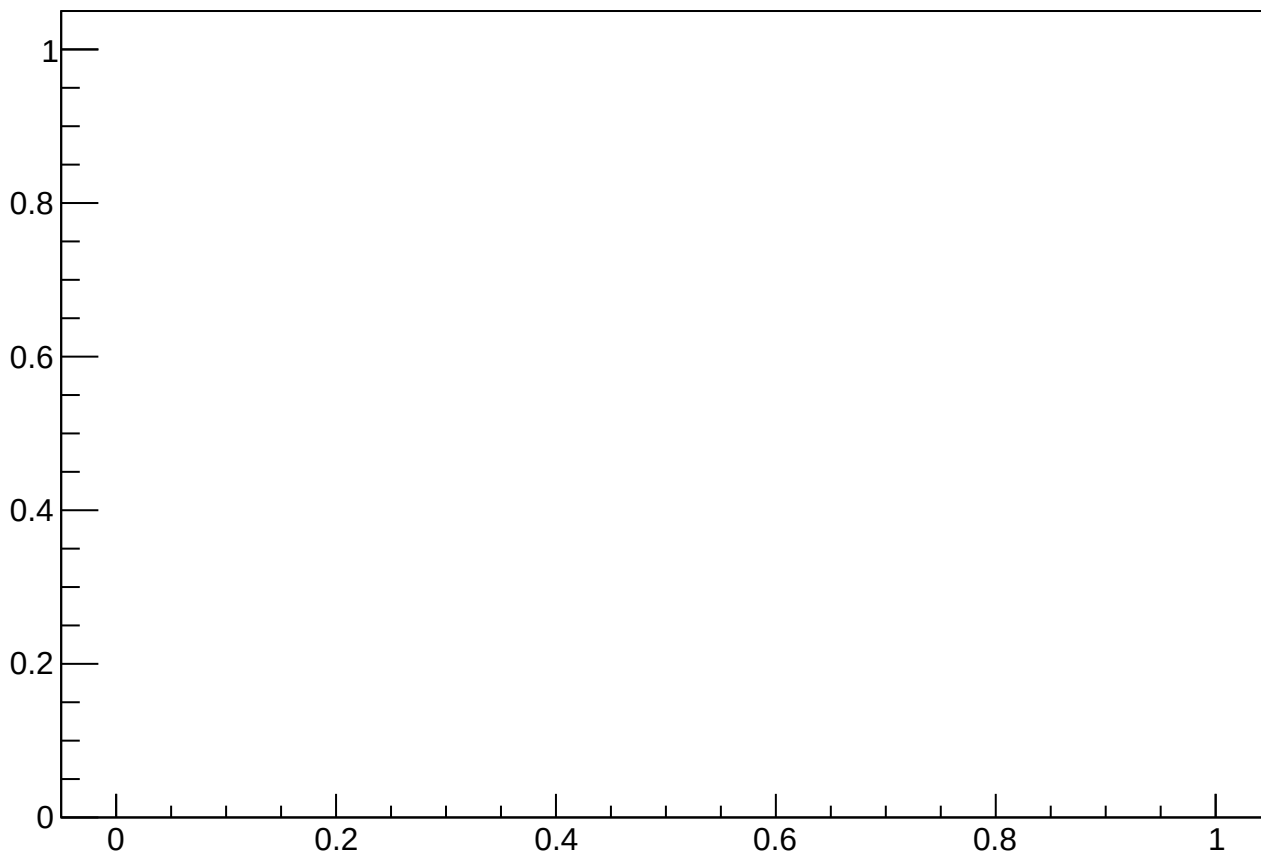
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_avg_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

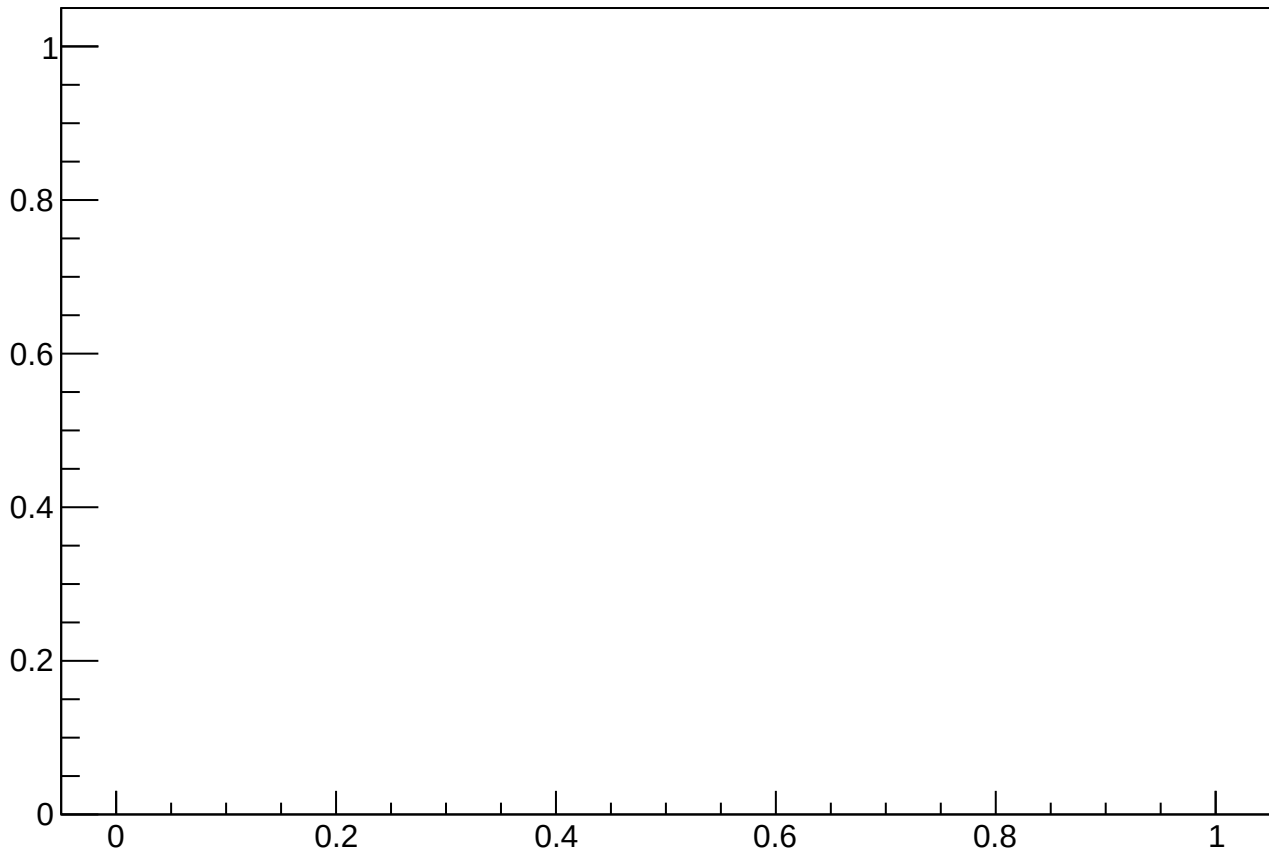
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

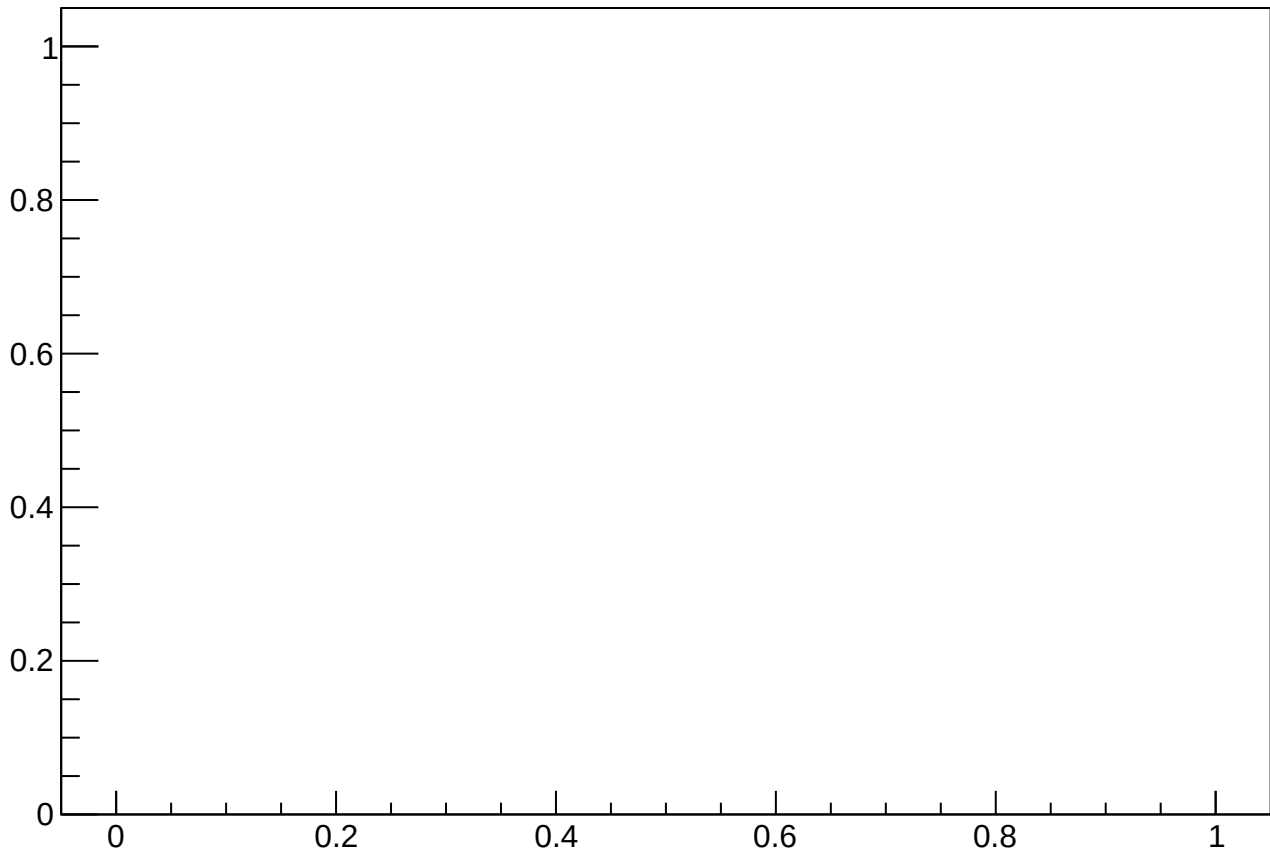
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

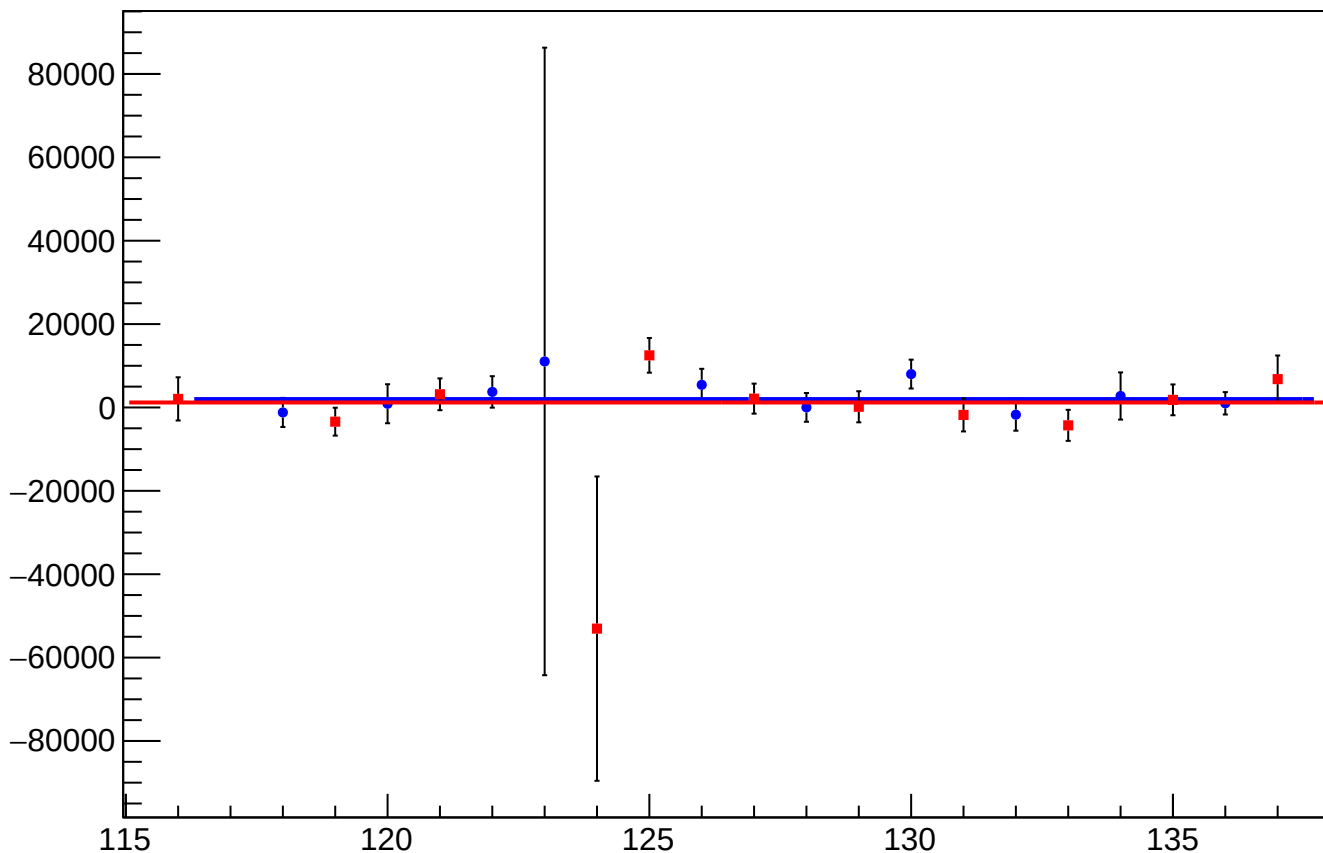
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2014.259+/-1220.649 χ^2/NDF : 6.4/9

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

Right Out: 1195.519+/-1247.063 χ^2/NDF : 15.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

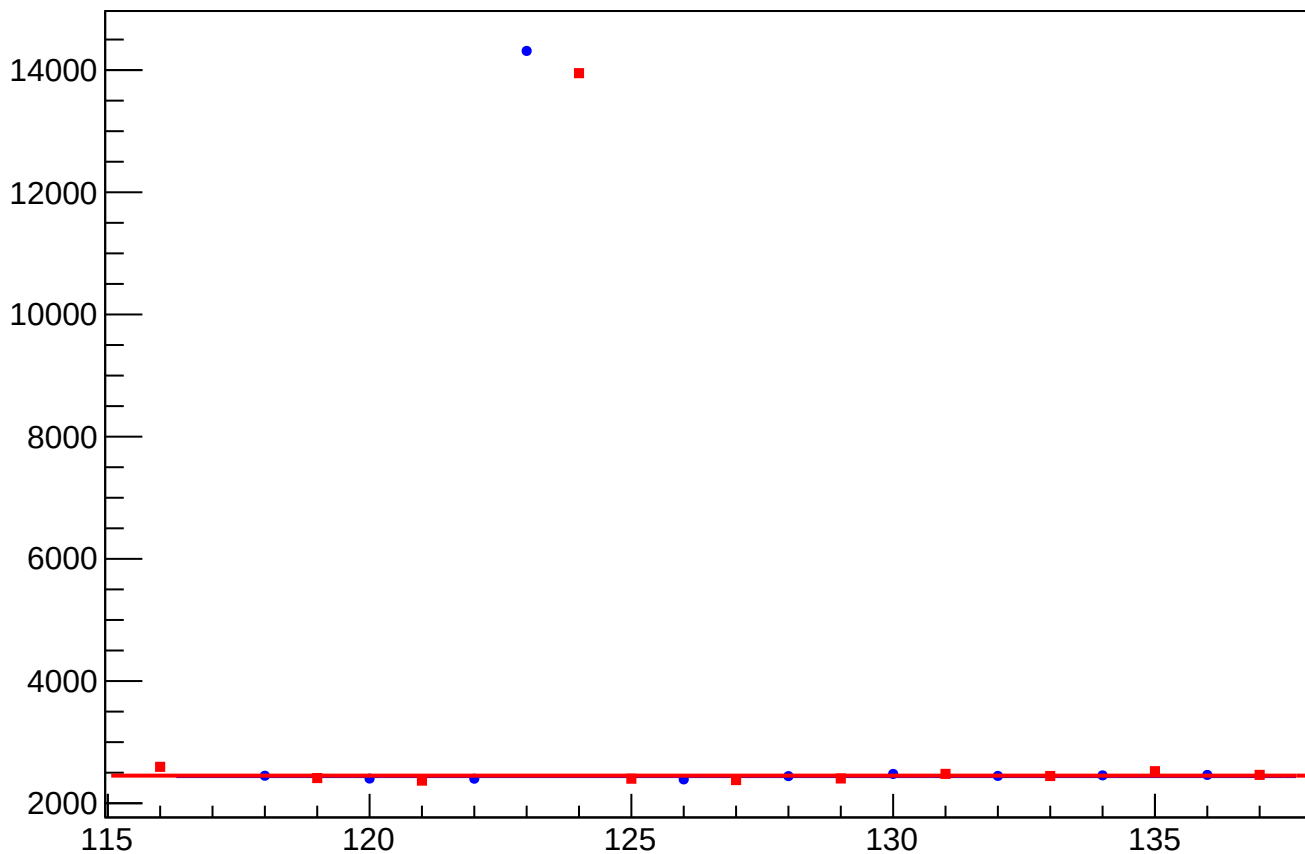
Right: 1613.652+/-872.318 χ^2/NDF : 22.3/20

In: 2014.259+/-1220.649 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.652+/-872.318 χ^2/NDF : 22.3/20

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2444.683+/-0.863 χ^2/NDF : 50850.1/9

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

Right Out: 2451.968+/-0.882 χ^2/NDF : 203510.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

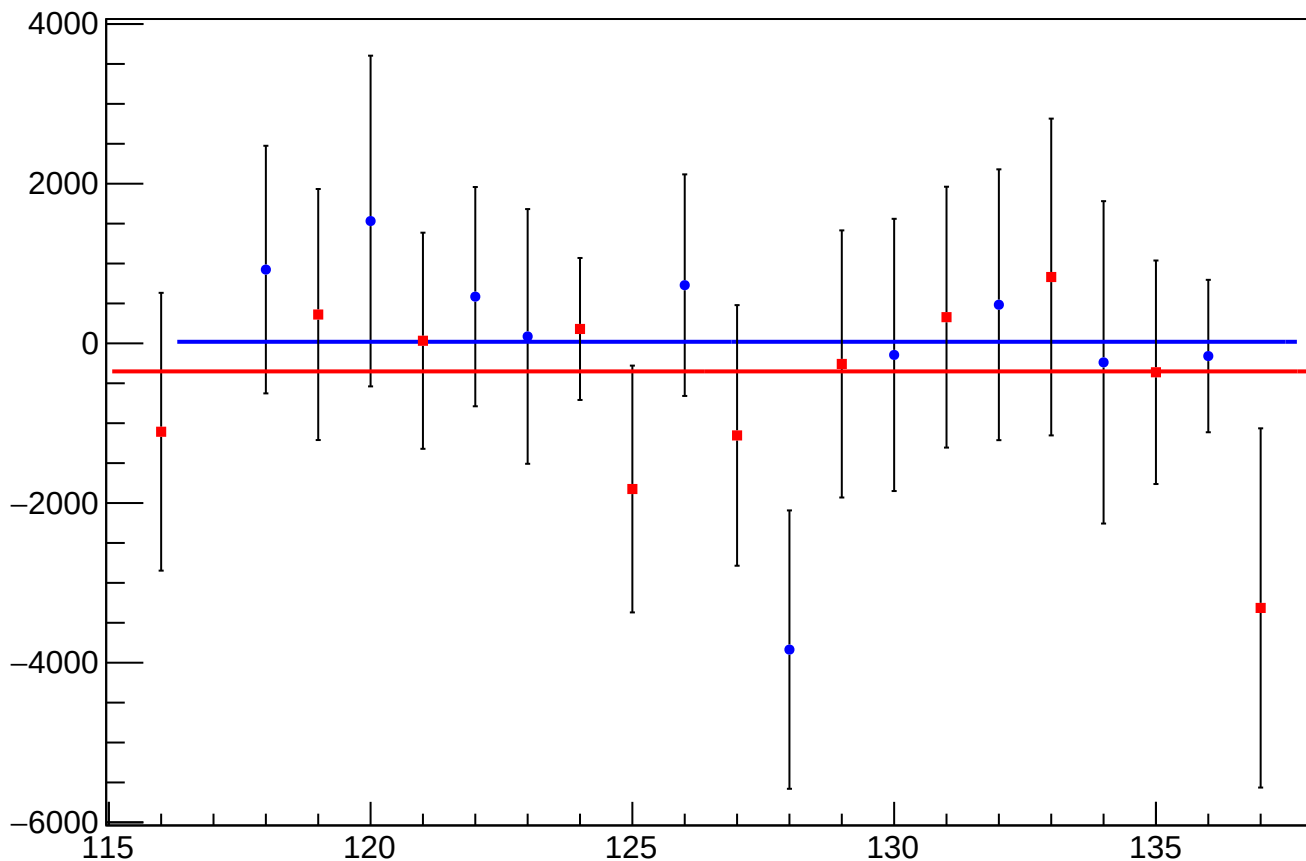
Right: 2448.247+/-0.617 χ^2/NDF : 254395.8/20

In: 2444.683+/-0.863 χ^2/NDF : 50850.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2448.247+/-0.617 χ^2/NDF : 254395.8/20

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 19.781+/-473.809 χ^2/NDF : 6.3/9

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

Right Out: -351.173+/-445.756 χ^2/NDF : 4.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

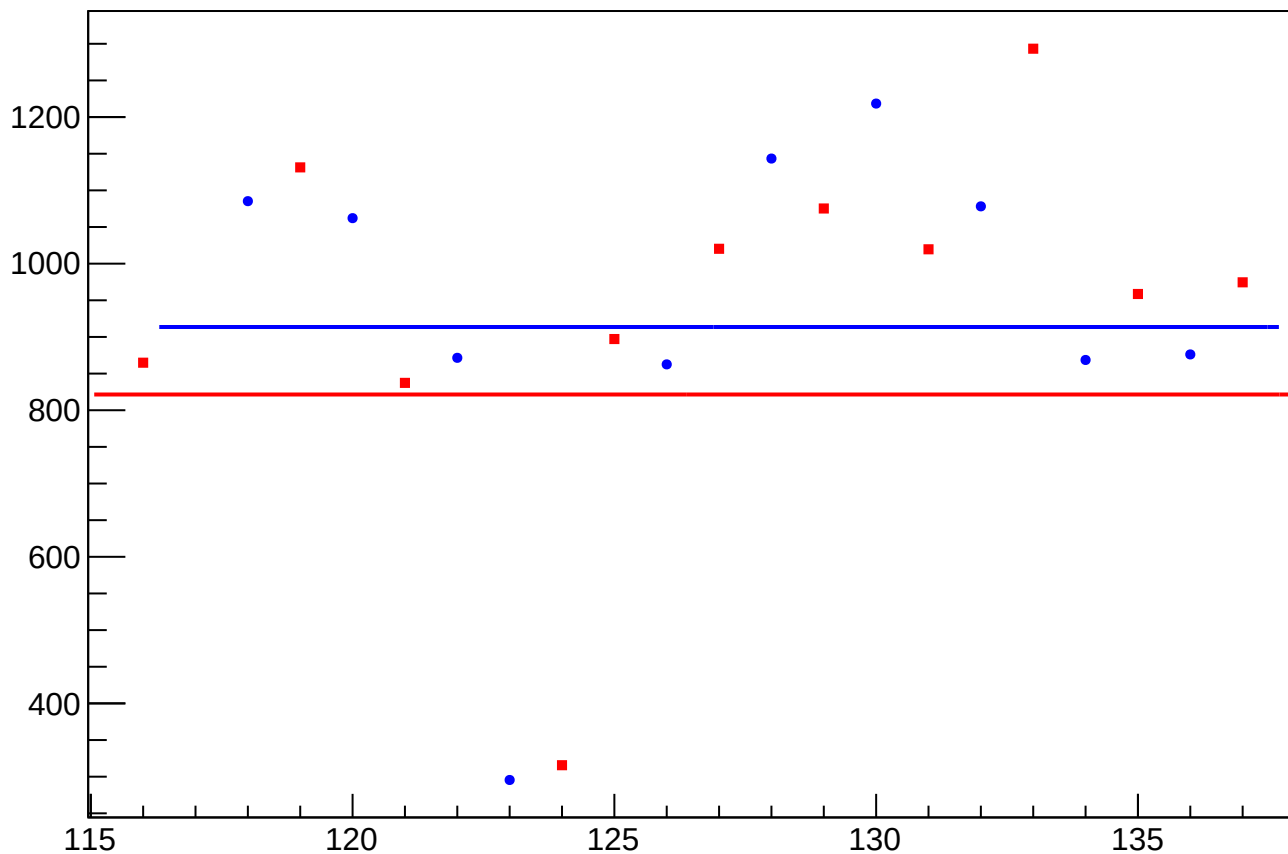
Right: -177.002+/-324.662 χ^2/NDF : 10.9/20

In: 19.781+/-473.809 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.002+/-324.662 χ^2/NDF : 10.9/20

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 913.570+/-0.335 χ^2/NDF : 461176.6/9

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

Right Out: 821.470+/-0.315 χ^2/NDF : 977771.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

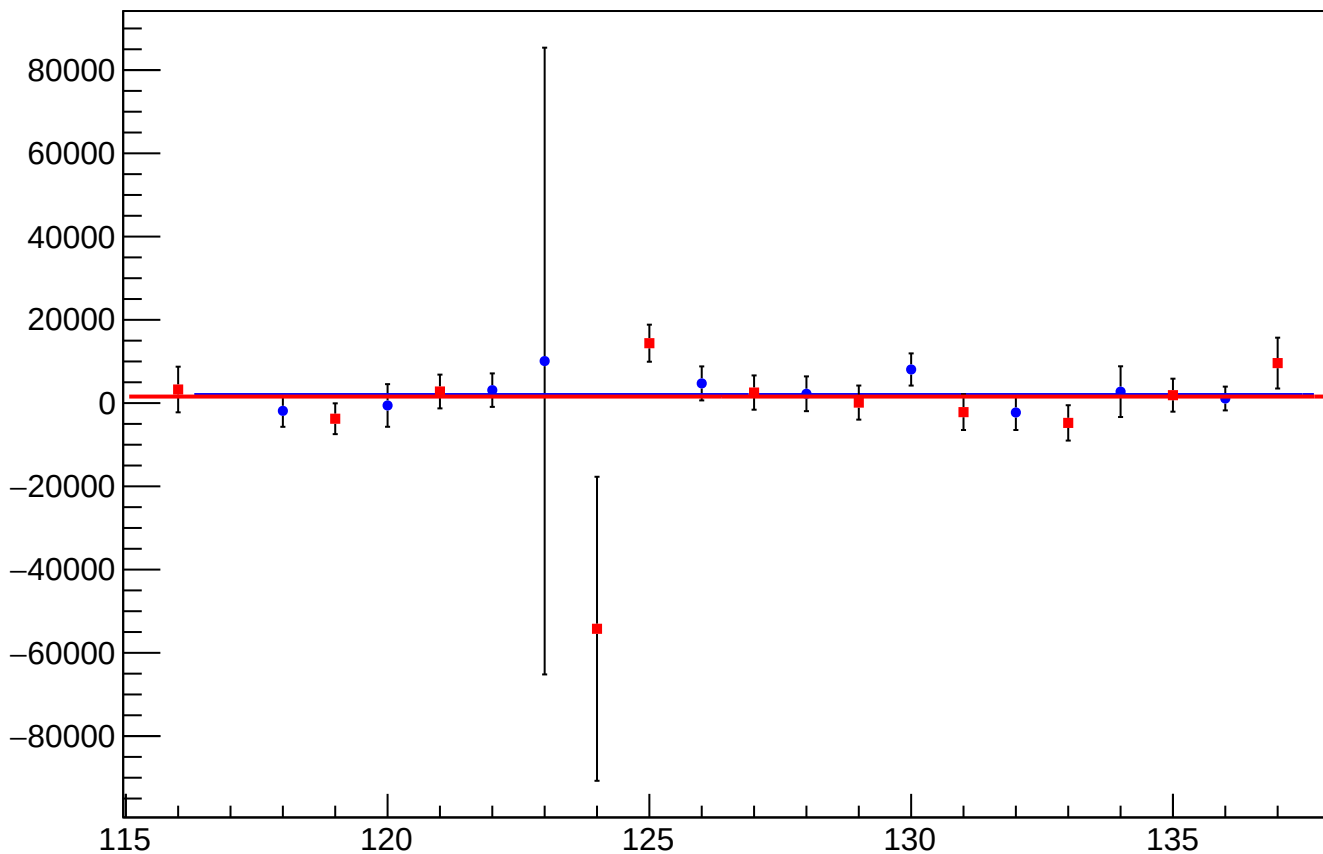
Right: 864.713+/-0.230 χ^2/NDF : 1479035.8/20

In: 913.570+/-0.335 χ^2/NDF :461176.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 864.713+/-0.230 χ^2/NDF : 1479035.8/20

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1930.505+/-1338.211 χ^2/NDF : 5.4/9

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

Right Out: 1566.286+/-1364.420 χ^2/NDF : 17.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

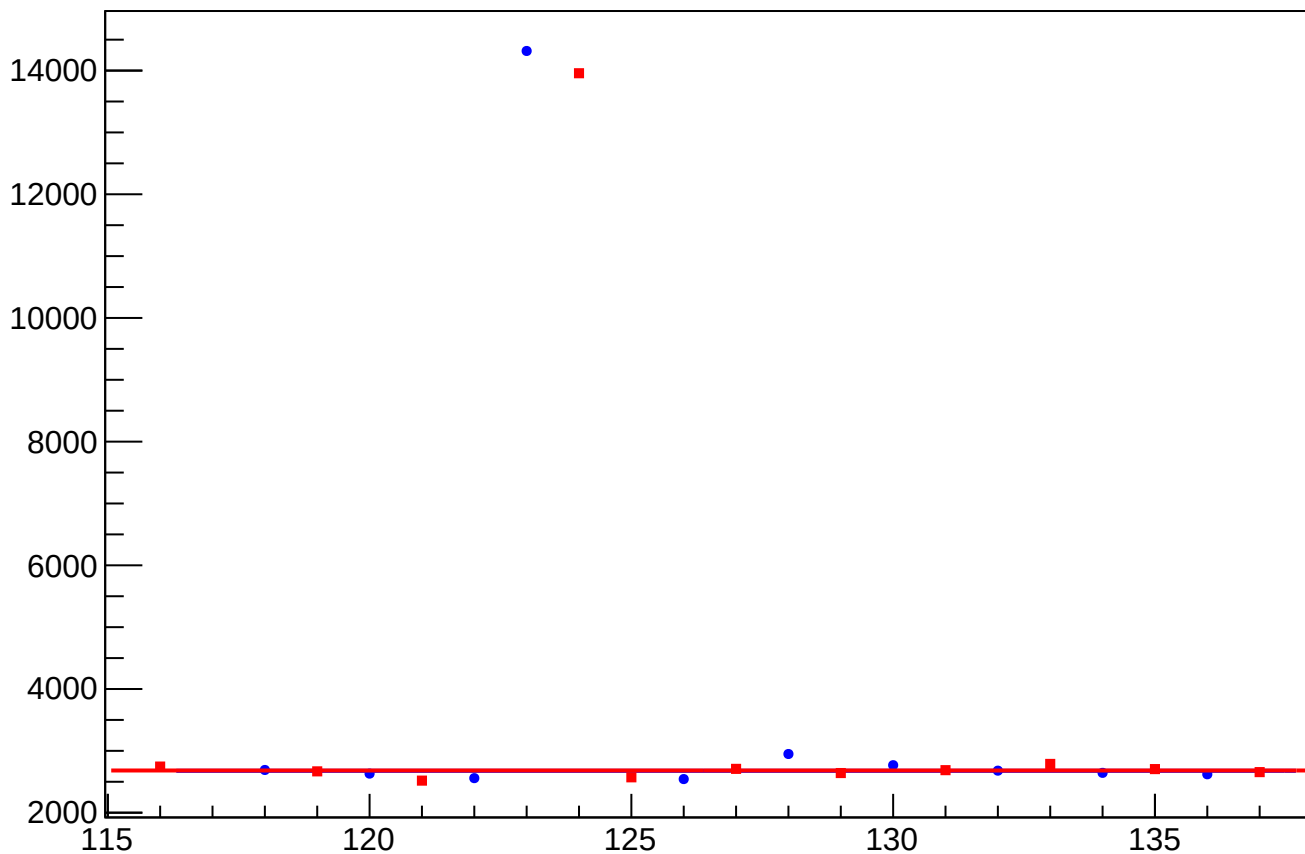
Right: 1751.927+/-955.390 χ^2/NDF : 23.2/20

In: 1930.505+/-1338.211 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.927+/-955.390 χ^2/NDF : 23.2/20

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2677.141+/-0.946 χ^2/NDF : 62275.6/9

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

Right Out: 2682.391+/-0.965 χ^2/NDF : 197068.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

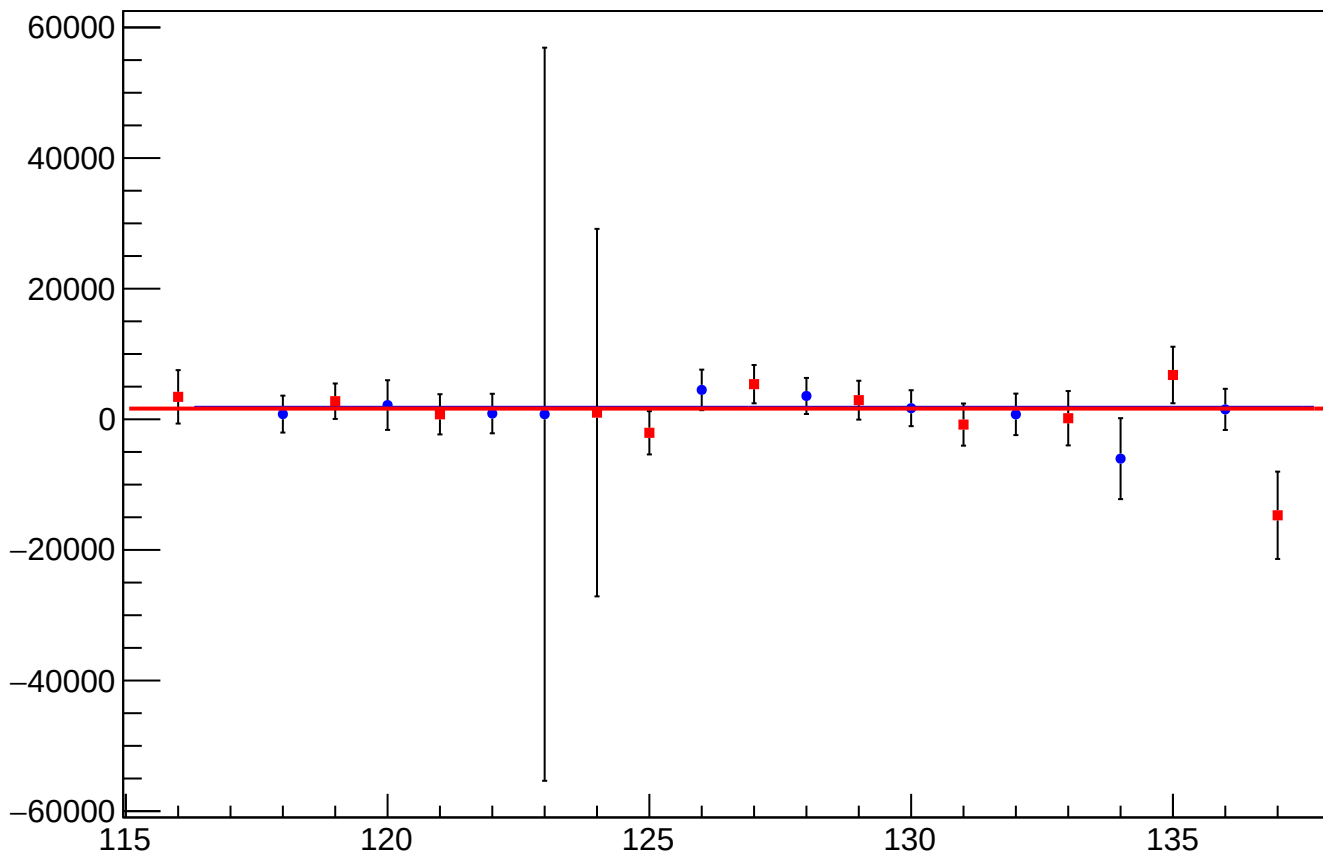
Right: 2679.715+/-0.676 χ^2/NDF : 259358.9/20

In: 2677.141+/-0.946 χ^2/NDF : 62275.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2679.715+/-0.676 χ^2/NDF : 259358.9/20

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1761.841+/-1055.813 χ^2 /NDF: 3.1/9

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

Right Out: 1640.537+/-1083.064 χ^2 /NDF: 11.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

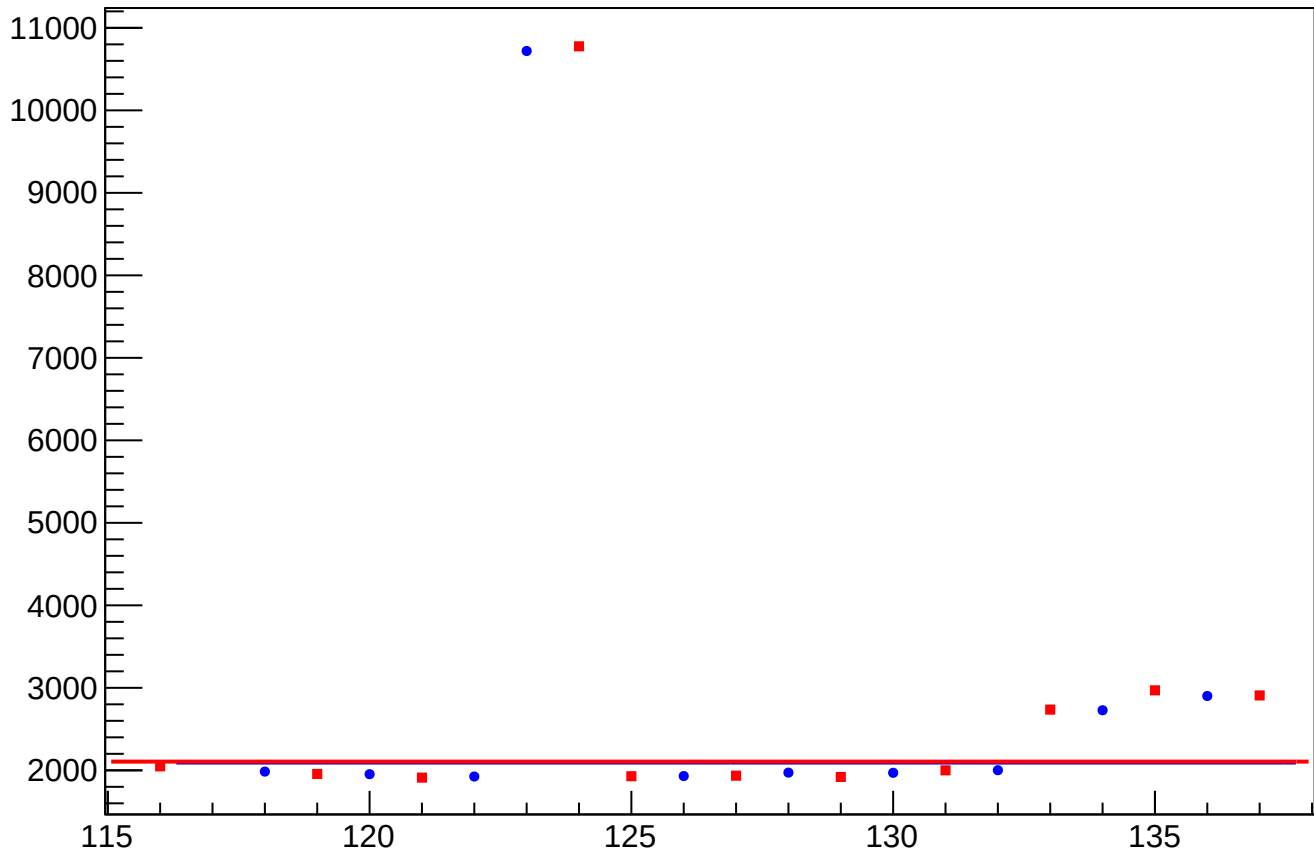
Right: 1702.734+/-756.023 χ^2 /NDF: 14.7/20

In: 1761.841+/-1055.813 χ^2 /NDF:3.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1702.734+/-756.023 χ^2 /NDF: 14.7/20

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2094.239+/-0.747 χ^2/NDF : 226678.9/9

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

Right Out: 2105.722+/-0.766 χ^2/NDF : 381234.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

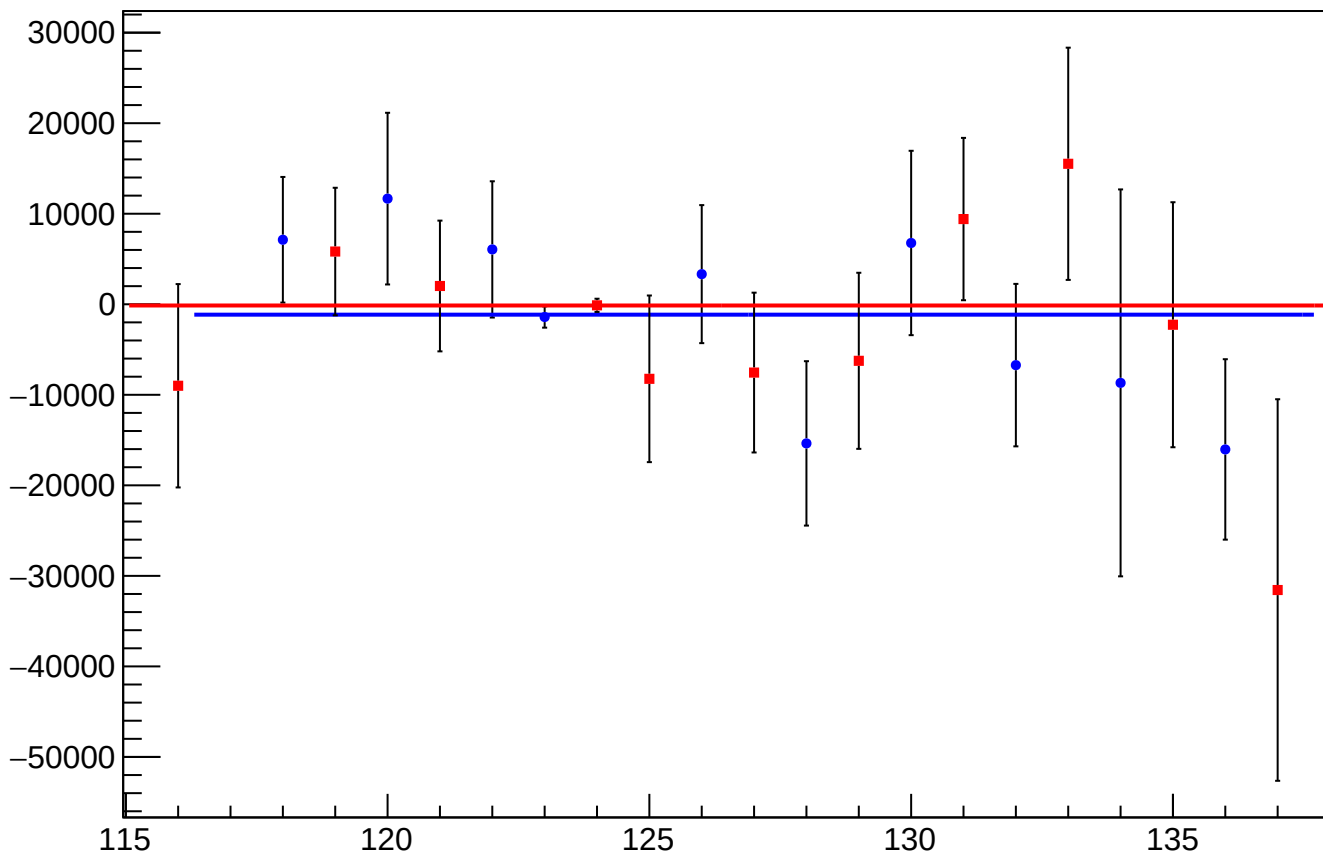
Right: 2099.834+/-0.535 χ^2/NDF : 608028.9/20

In: 2094.239+/-0.747 χ^2/NDF :226678.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2099.834+/-0.535 χ^2/NDF : 608028.9/20

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1149.237+/-1093.309 χ^2/NDF : 10.4/9

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

Right Out: -135.335+/-709.872 χ^2/NDF : 8.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

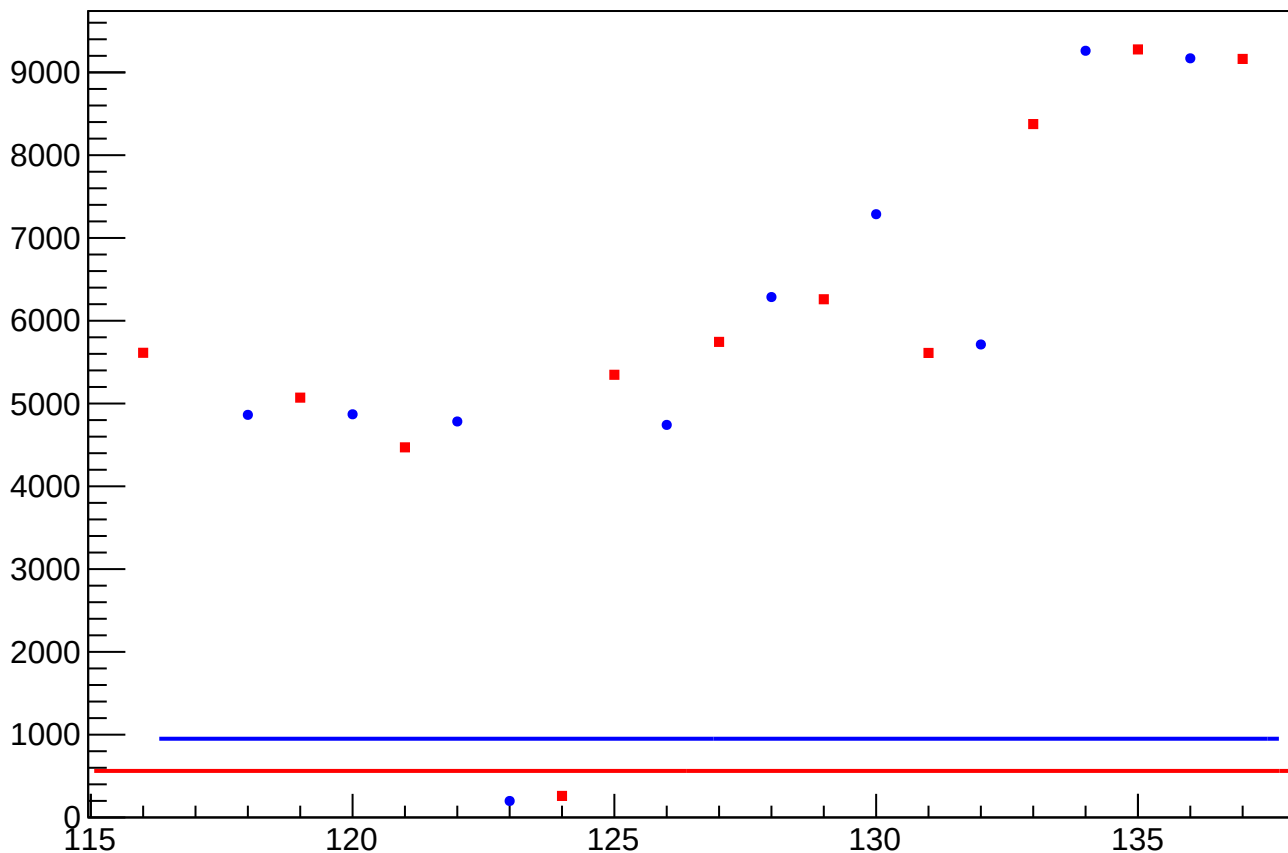
Right: -436.012+/-595.381 χ^2/NDF : 19.1/20

In: -1149.237+/-1093.309 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.012+/-595.381 χ^2/NDF : 19.1/20

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 950.898+/-0.773 χ^2/NDF : 6500621.1/9

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

Right Out: 562.092+/-0.502 χ^2/NDF : 6608948.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

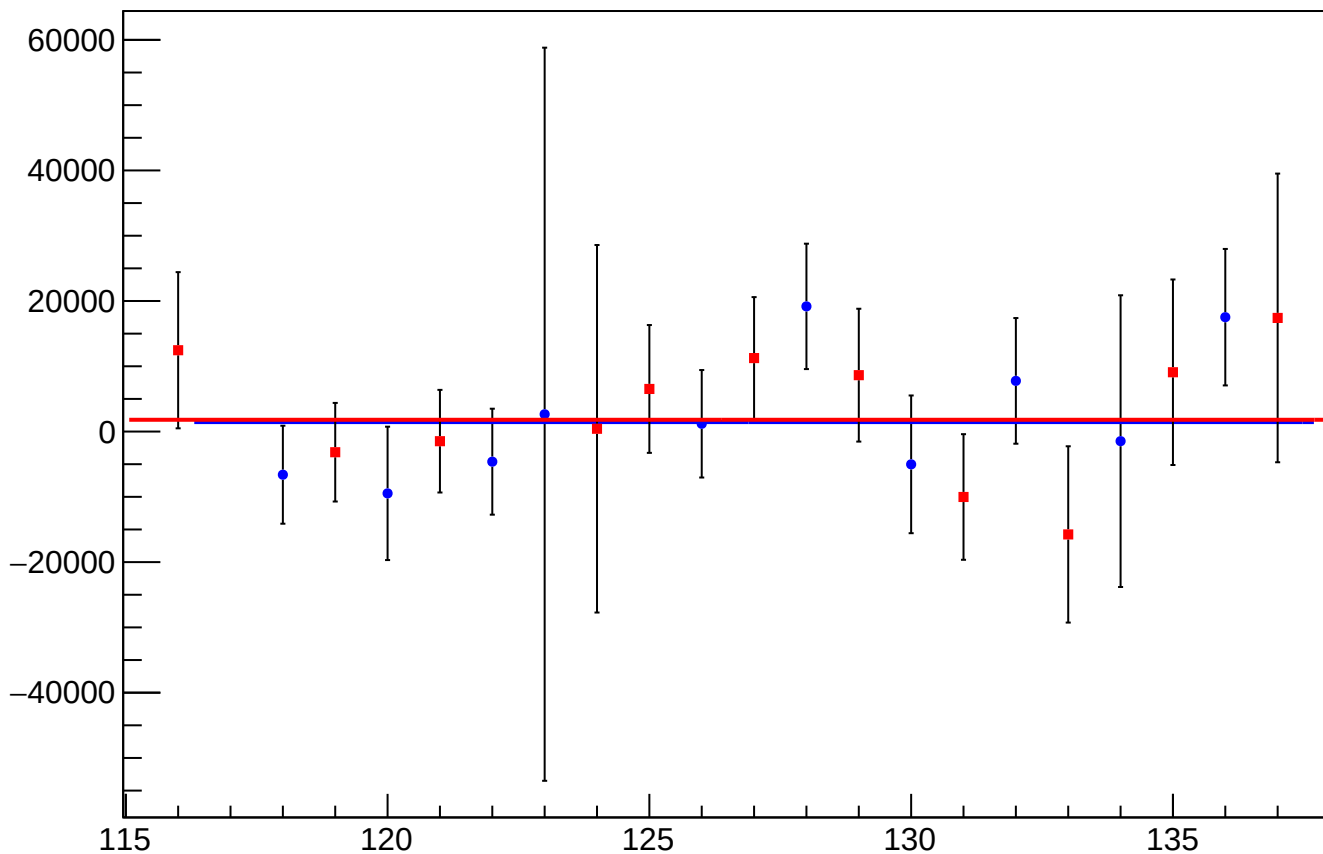
Right: 677.394+/-0.421 χ^2/NDF : 13287495.2/20

In: 950.898+/-0.773 χ^2/NDF :6500621.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 677.394+/-0.421 χ^2/NDF : 13287495.2/20

asym_atl2_mean vs Slug, Sign Corrected



Right In: 1450.910+/-3172.453 χ^2/NDF : 9.4/9

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

Right Out: 1804.546+/-3213.878 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

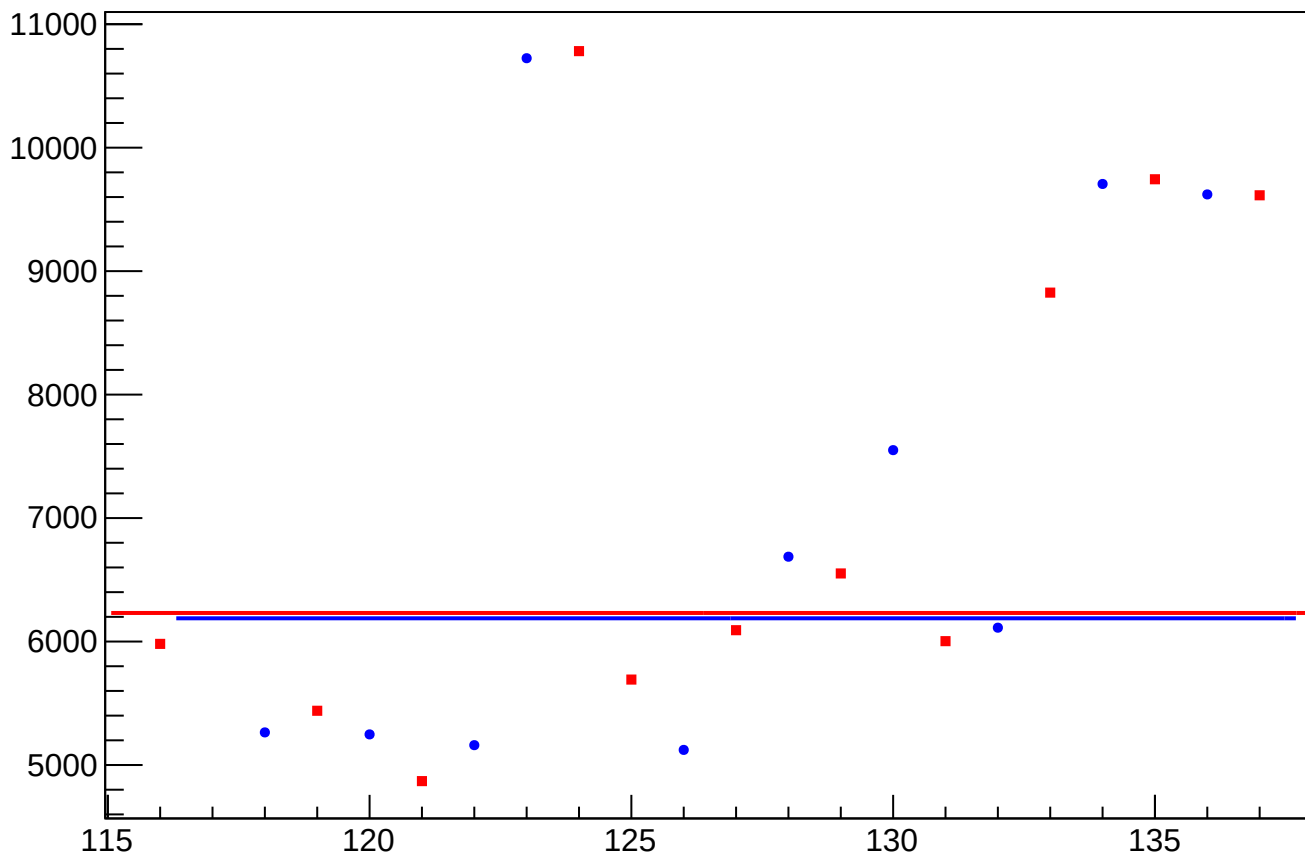
Right: 1625.434+/-2257.766 χ^2/NDF : 16.5/20

In: 1450.910+/-3172.453 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1625.434+/-2257.766 χ^2/NDF : 16.5/20

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6188.197+/-2.243 χ^2/NDF : 430046.0/9

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

Right Out: 6231.431+/-2.273 χ^2/NDF : 387662.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

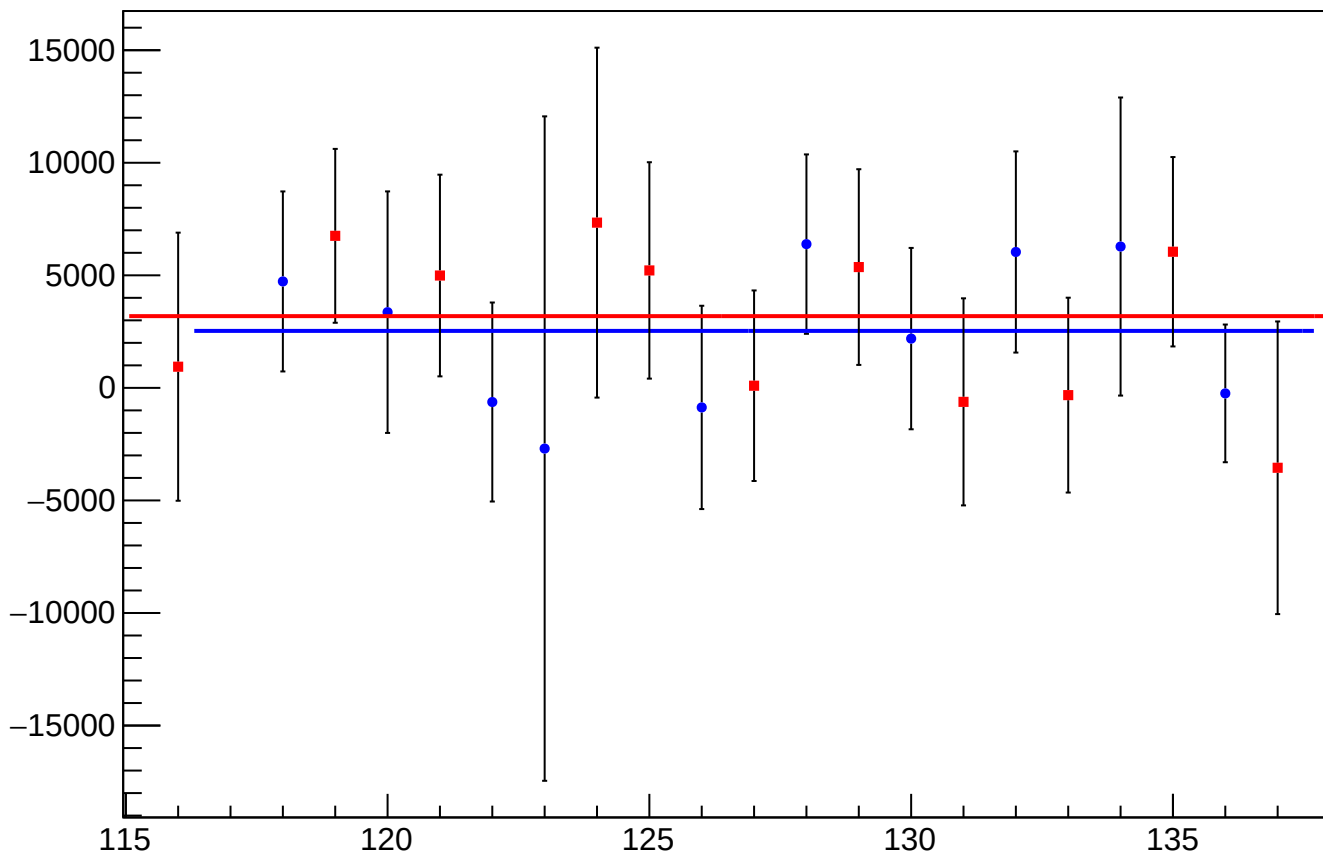
Right: 6209.534+/-1.596 χ^2/NDF : 817891.9/20

In: 6188.197+/-2.243 χ^2/NDF :430046.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6209.534+/-1.596 χ^2/NDF : 817891.9/20

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2531.174+/-1405.120 χ^2/NDF : 4.2/9

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

Right Out: 3187.061+/-1422.024 χ^2/NDF : 5.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

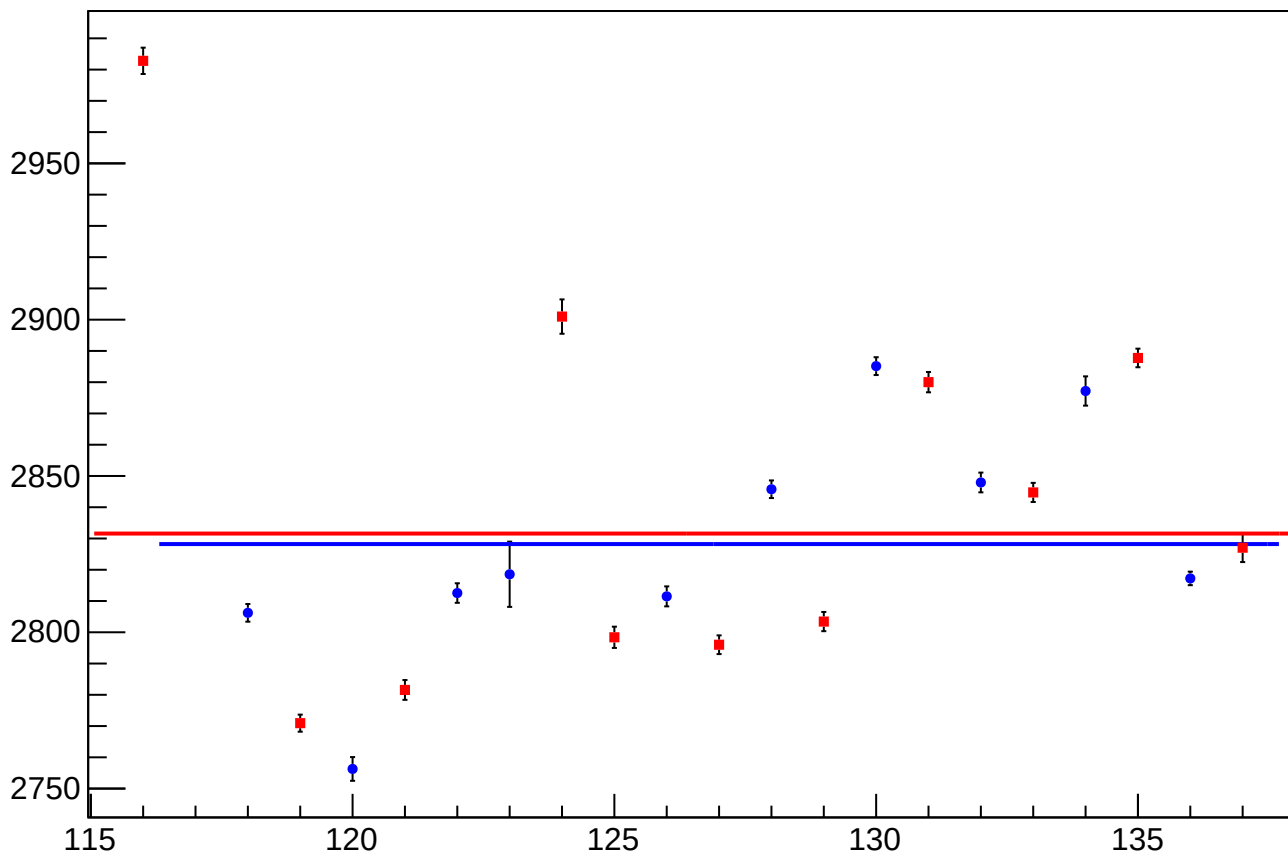
Right: 2855.196+/-999.493 χ^2/NDF : 9.6/20

In: 2531.174+/-1405.120 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.196+/-999.493 χ^2/NDF : 9.6/20

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2828.217+/-0.994 χ^2/NDF : 1085.8/9

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

Right Out: 2831.581+/-1.006 χ^2/NDF : 3110.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

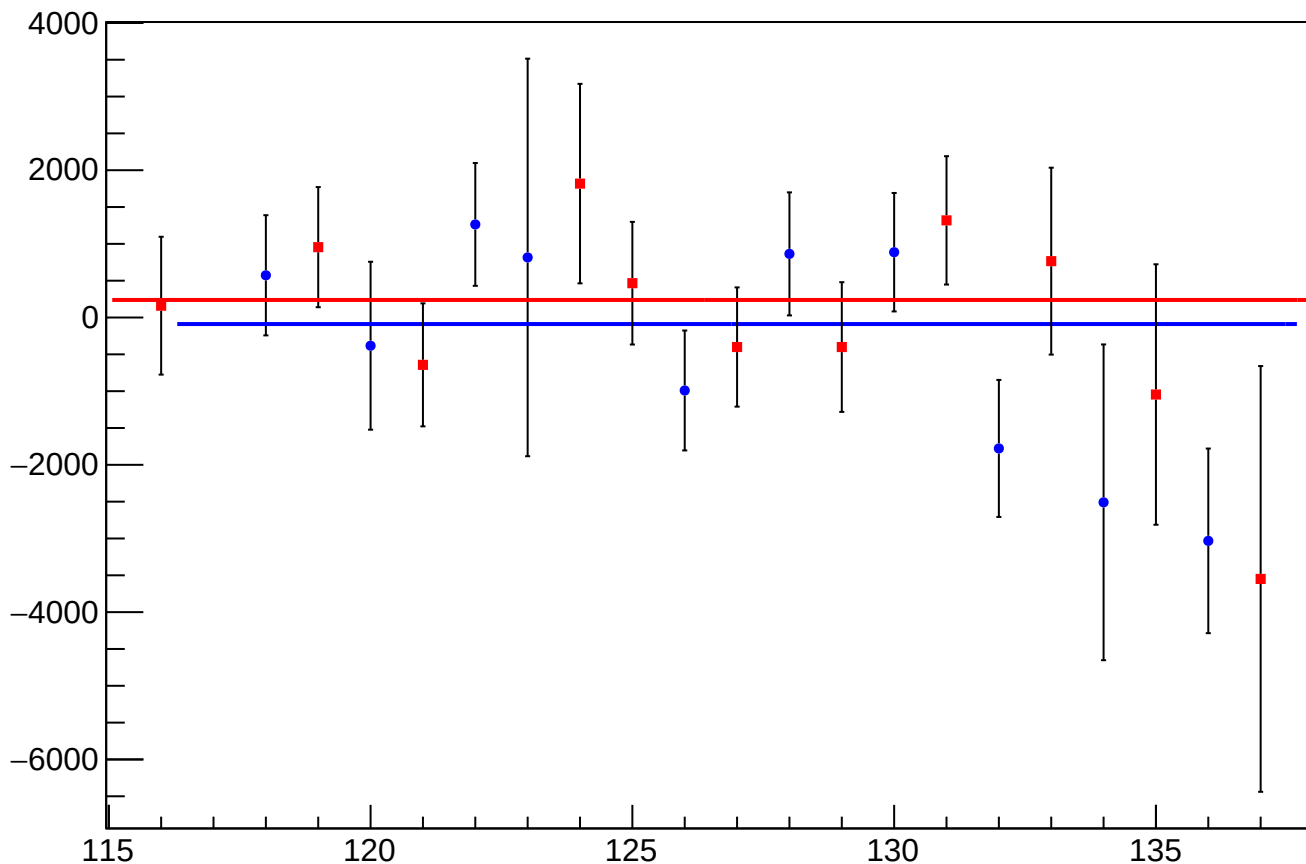
Right: 2829.879+/-0.707 χ^2/NDF : 4201.9/20

In: 2828.217+/-0.994 χ^2/NDF : 1085.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2829.879+/-0.707 χ^2/NDF : 4201.9/20

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -88.680+/-310.866 χ^2/NDF : 17.6/9

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

Right Out: 238.501+/-297.998 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

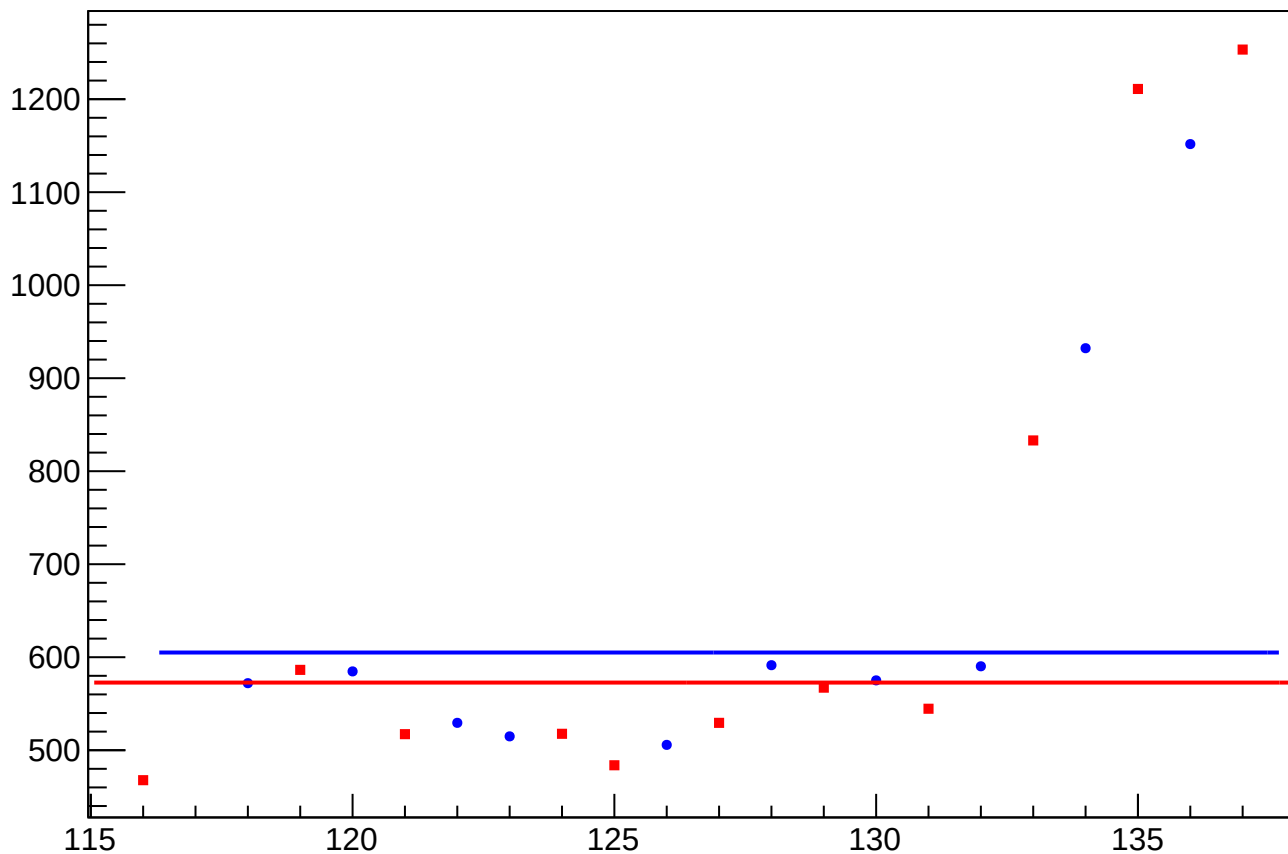
Right: 81.822+/-215.122 χ^2/NDF : 26.6/20

In: -88.680+/-310.866 χ^2/NDF :17.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.822+/-215.122 χ^2/NDF : 26.6/20

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 605.047 ± 0.220 χ^2/NDF : 483247.8/9

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

Right Out: 572.732 ± 0.211 χ^2/NDF : 524286.4/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

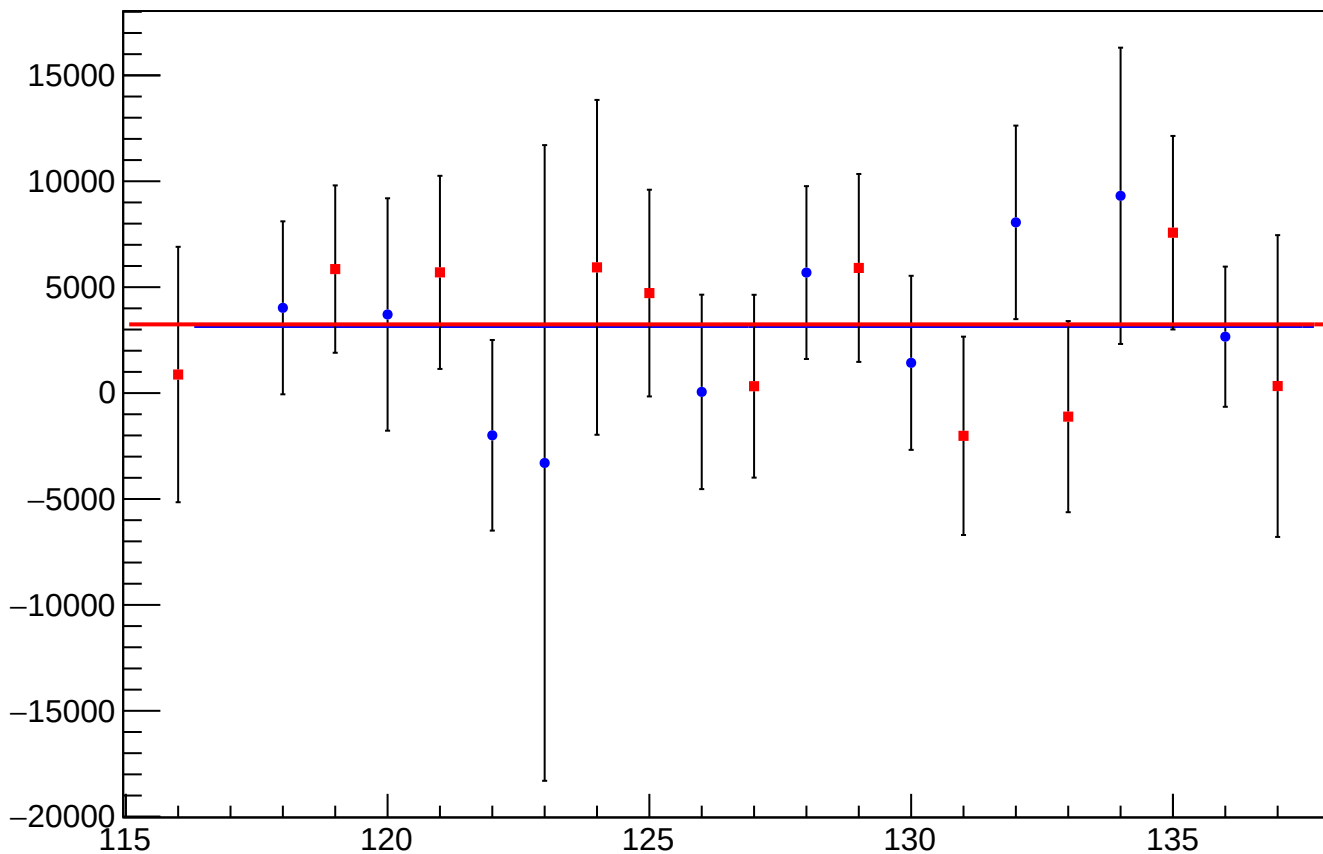
Right: 588.207 ± 0.152 χ^2/NDF : 1018797.1/20

In: 605.047 ± 0.220 χ^2/NDF : 483247.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 588.207 ± 0.152 χ^2/NDF : 1018797.1/20

asym_atr1_mean vs Slug, Sign Corrected



Right In: 3168.605+/-1453.276 χ^2/NDF : 4.5/9

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

Right Out: 3244.028+/-1467.137 χ^2/NDF : 5.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

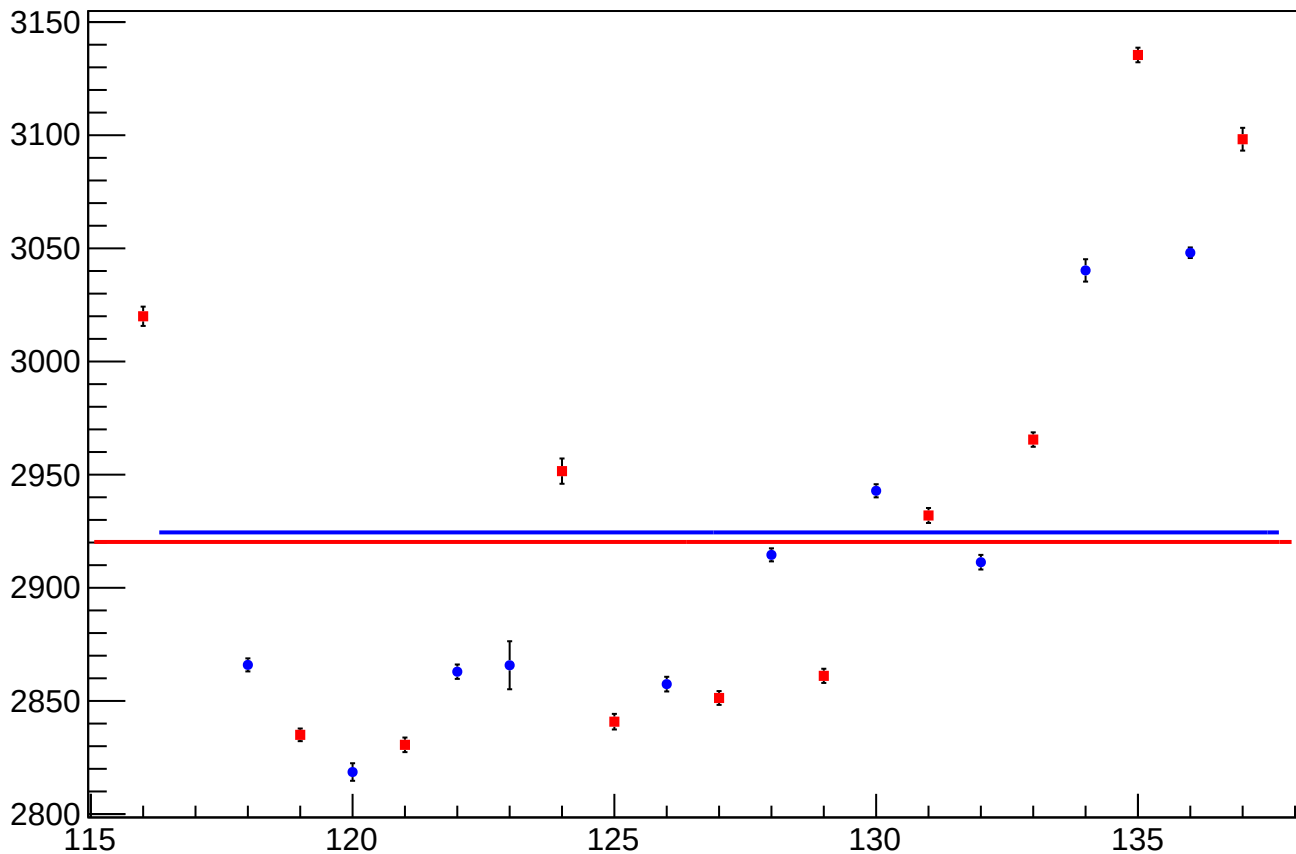
Right: 3205.958+/-1032.487 χ^2/NDF : 9.7/20

In: 3168.605+/-1453.276 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3205.958+/-1032.487 χ^2/NDF : 9.7/20

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2924.478+/-1.028 χ^2/NDF : 5394.0/9

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

Right Out: 2920.261+/-1.037 χ^2/NDF : 9580.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

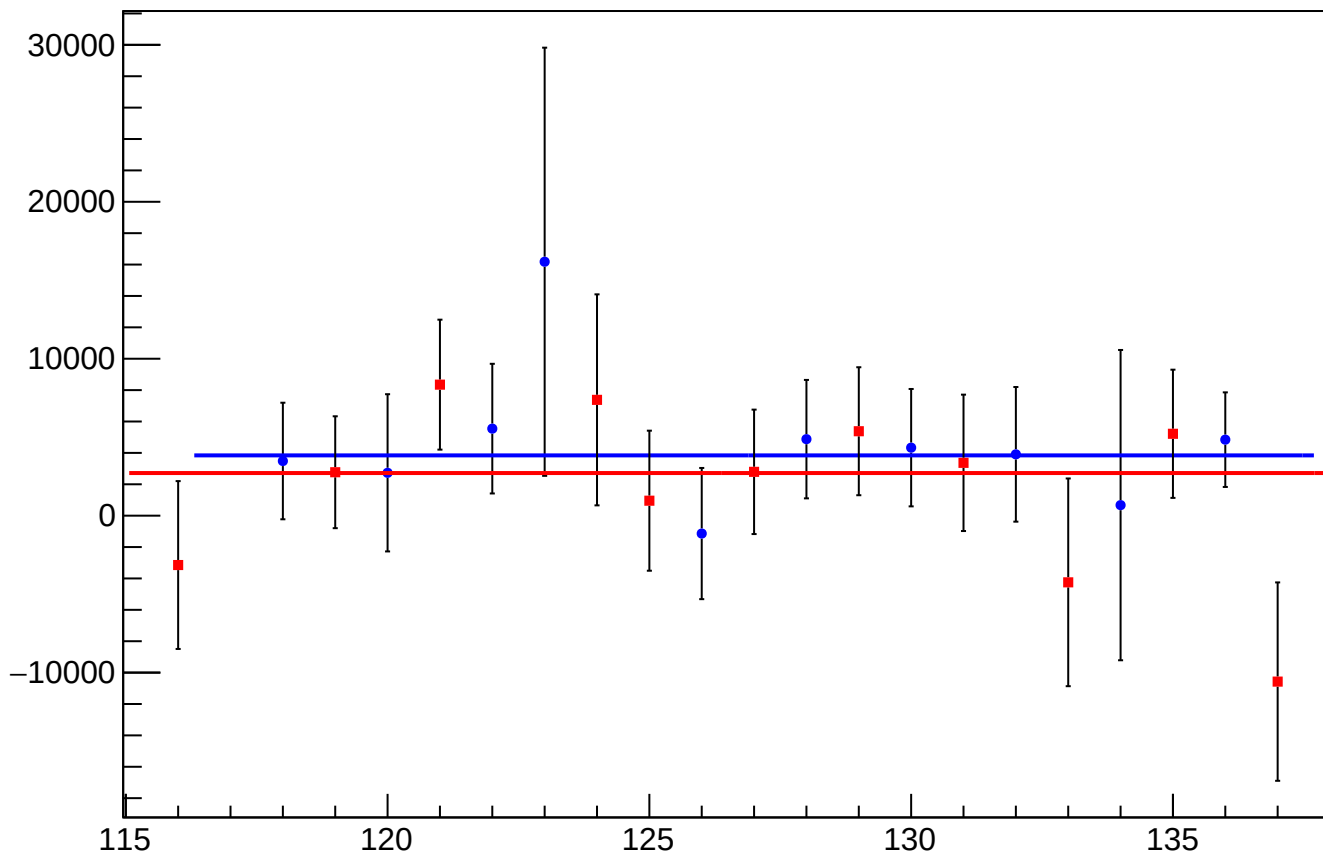
Right: 2922.389+/-0.730 χ^2/NDF : 14982.3/20

In: 2924.478+/-1.028 χ^2/NDF : 5394.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2922.389+/-0.730 χ^2/NDF : 14982.3/20

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3841.381+/-1348.438 χ^2/NDF : 2.8/9

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

Right Out: 2716.210+/-1375.028 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

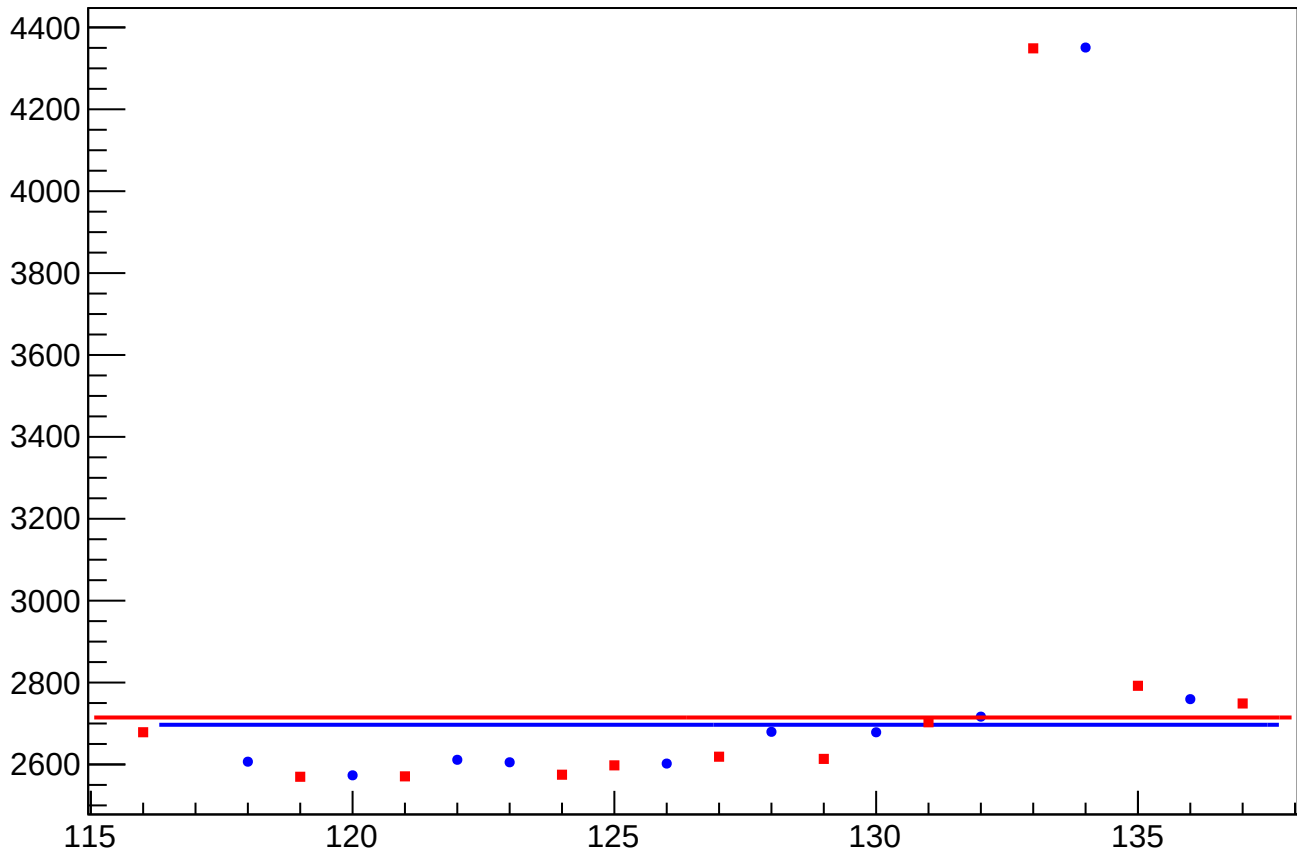
Right: 3289.779+/-962.753 χ^2/NDF : 13.2/20

In: 3841.381+/-1348.438 χ^2/NDF : 2.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3289.779+/-962.753 χ^2/NDF : 13.2/20

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2696.886+/-0.953 χ^2/NDF : 61344.0/9

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

Right Out: 2714.697+/-0.972 χ^2/NDF : 133178.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

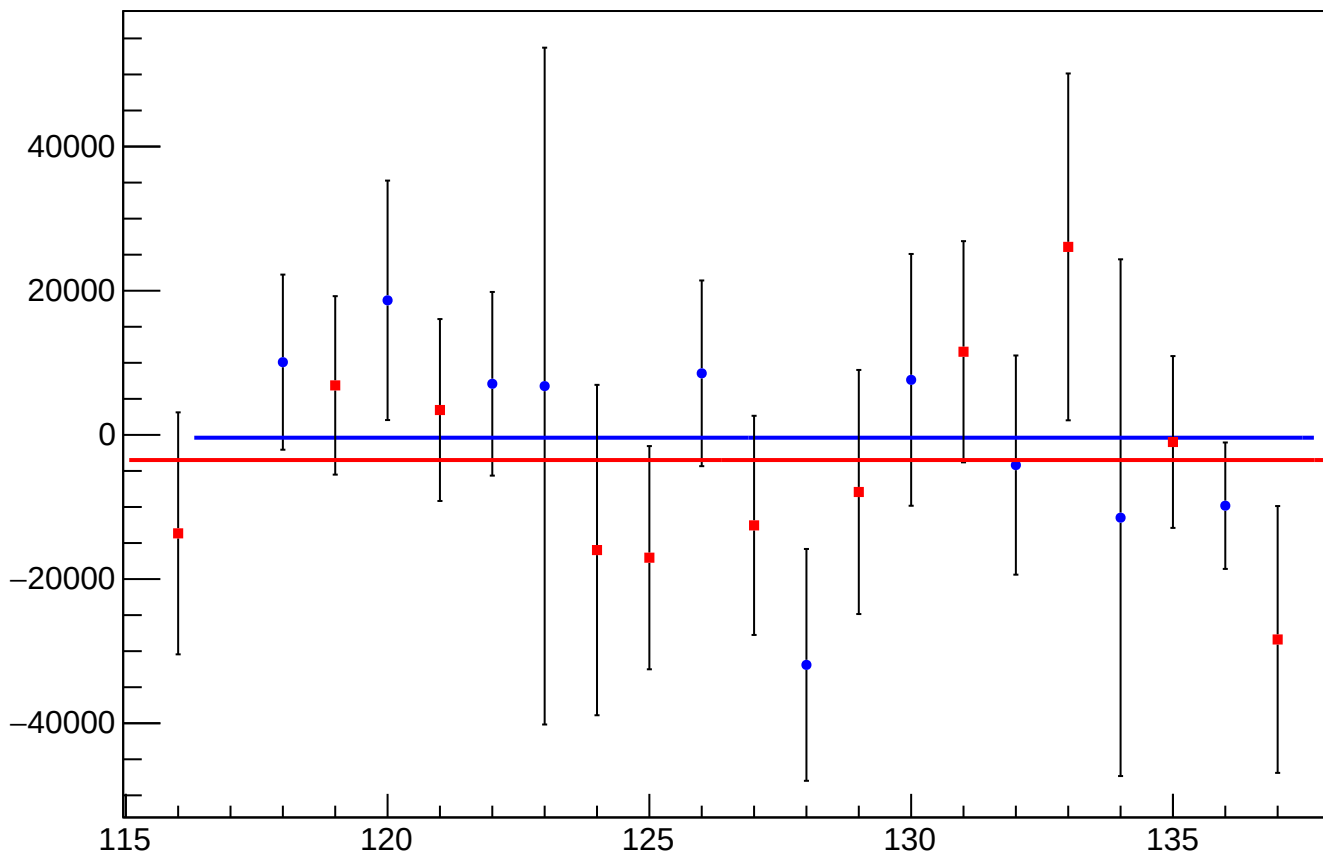
Right: 2705.618+/-0.681 χ^2/NDF : 194693.4/20

In: 2696.886+/-0.953 χ^2/NDF : 61344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2705.618+/-0.681 χ^2/NDF : 194693.4/20

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -388.718+/-4549.981 χ^2/NDF : 8.3/9

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

Right Out: -3488.133+/-4653.121 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

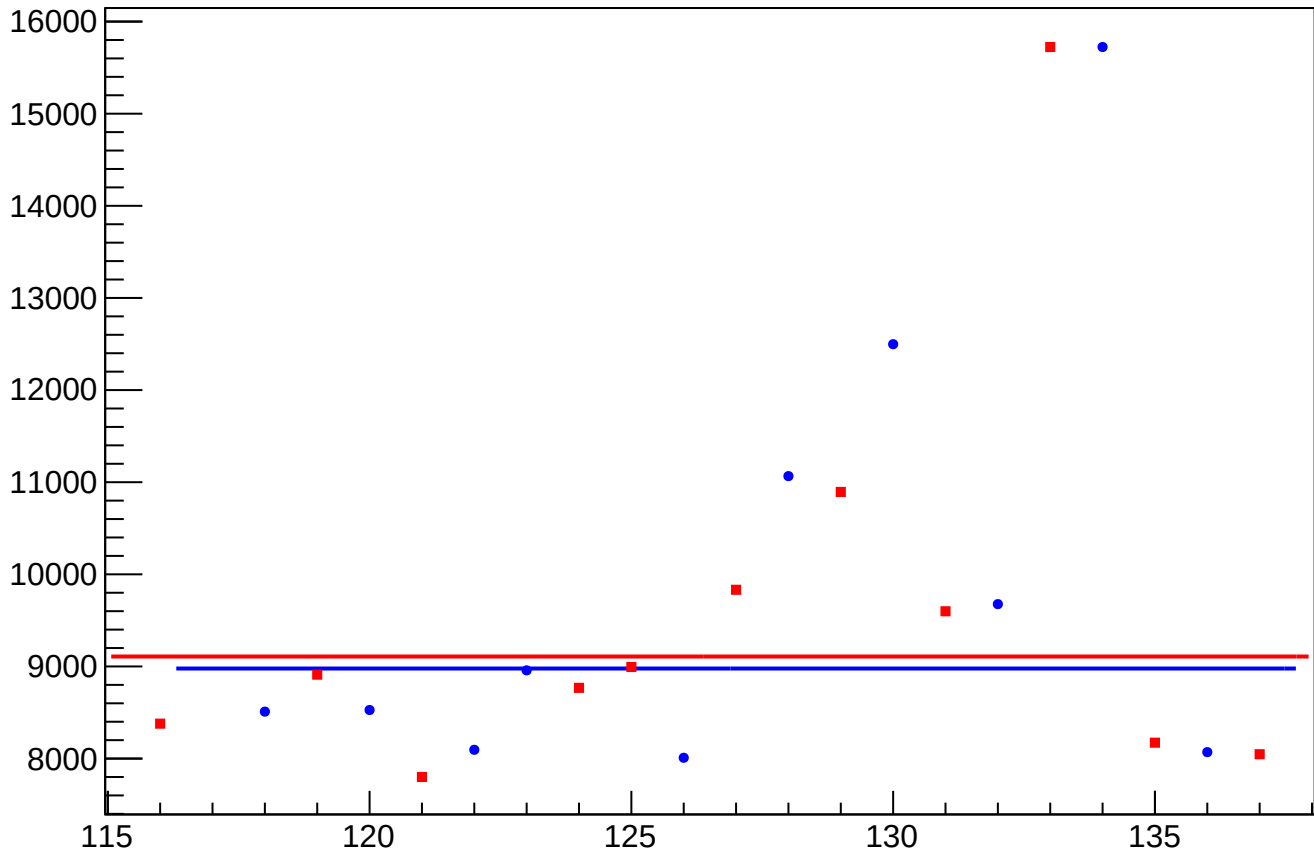
Right: -1903.695+/-3253.175 χ^2/NDF : 15.7/20

In: -388.718+/-4549.981 χ^2/NDF :8.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1903.695+/-3253.175 χ^2/NDF : 15.7/20

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8977.585+/-3.217 χ^2/NDF : 236871.9/9

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

Right Out: 9107.850+/-3.290 χ^2/NDF : 225303.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

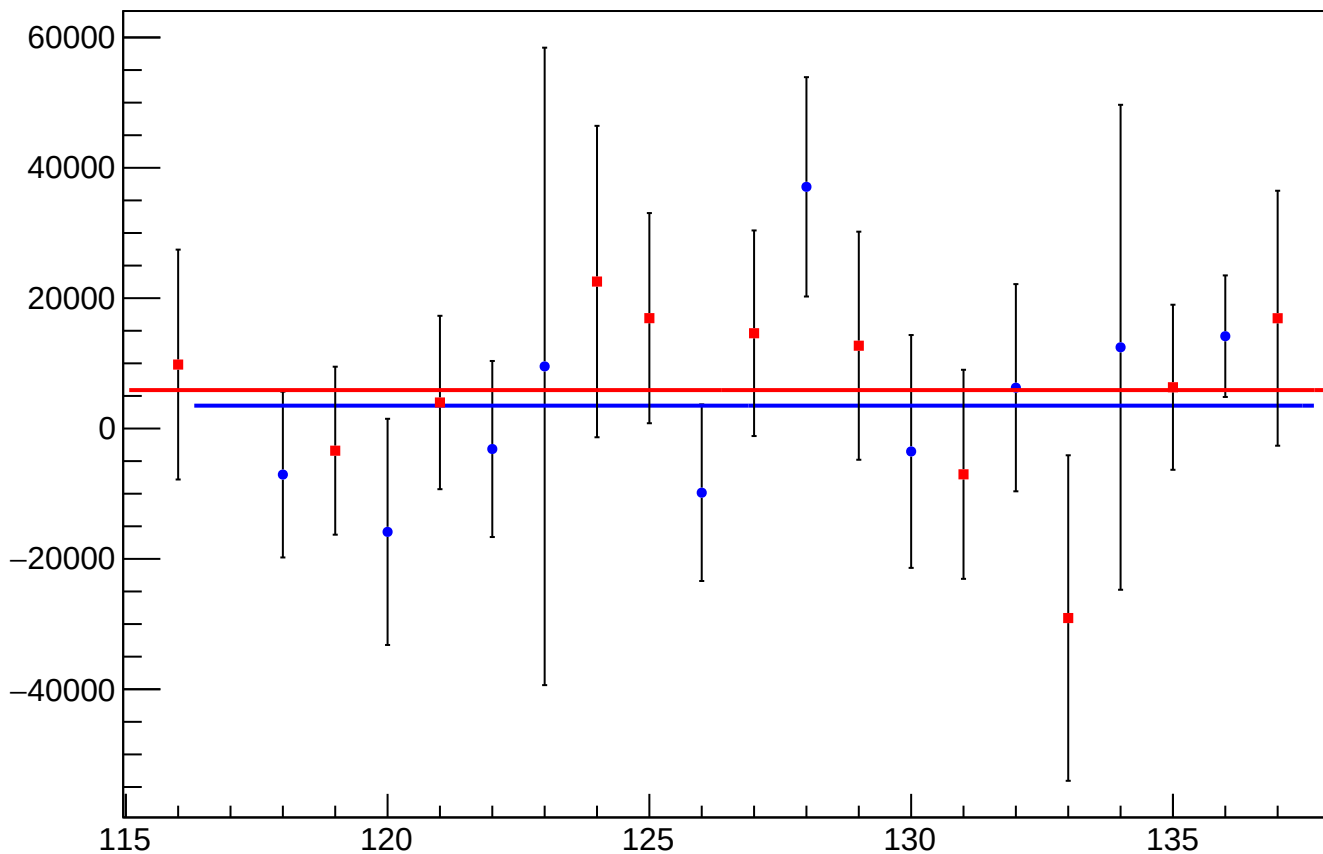
Right: 9041.258+/-2.300 χ^2/NDF : 462976.5/20

In: 8977.585+/-3.217 χ^2/NDF :236871.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9041.258+/-2.300 χ^2/NDF : 462976.5/20

asym_atr2_mean vs Slug, Sign Corrected



Right In: 3509.350+/-4783.706 χ^2/NDF : 8.7/9

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

Right Out: 5896.870+/-4872.647 χ^2/NDF : 4.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

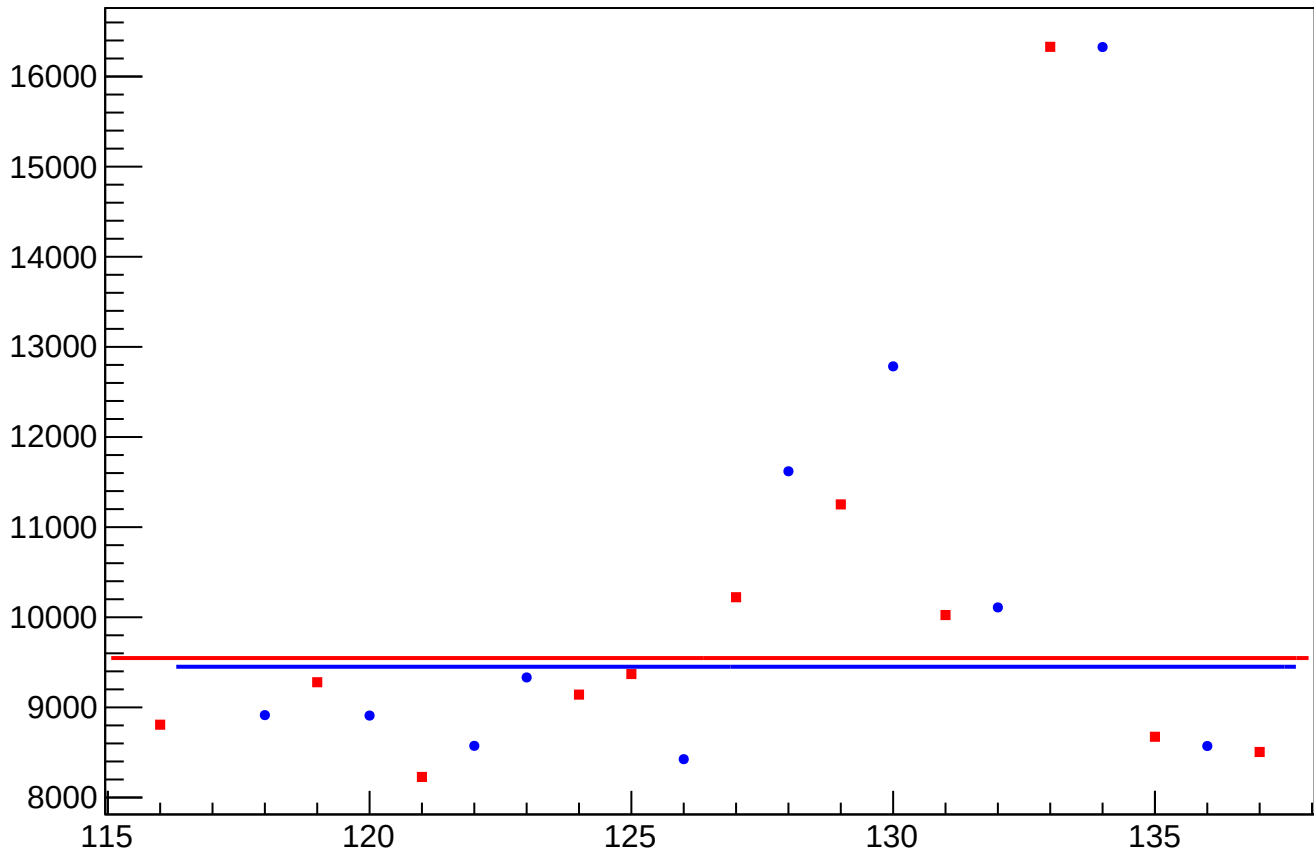
Right: 4681.121+/-3413.602 χ^2/NDF : 13.8/20

In: 3509.350+/-4783.706 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4681.121+/-3413.602 χ^2/NDF : 13.8/20

asym_atr2_rms vs Slug, Sign Corrected



Right In: 9450.973+/-3.383 χ^2/NDF : 217835.4/9

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

Right Out: 9547.438+/-3.445 χ^2/NDF : 212015.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

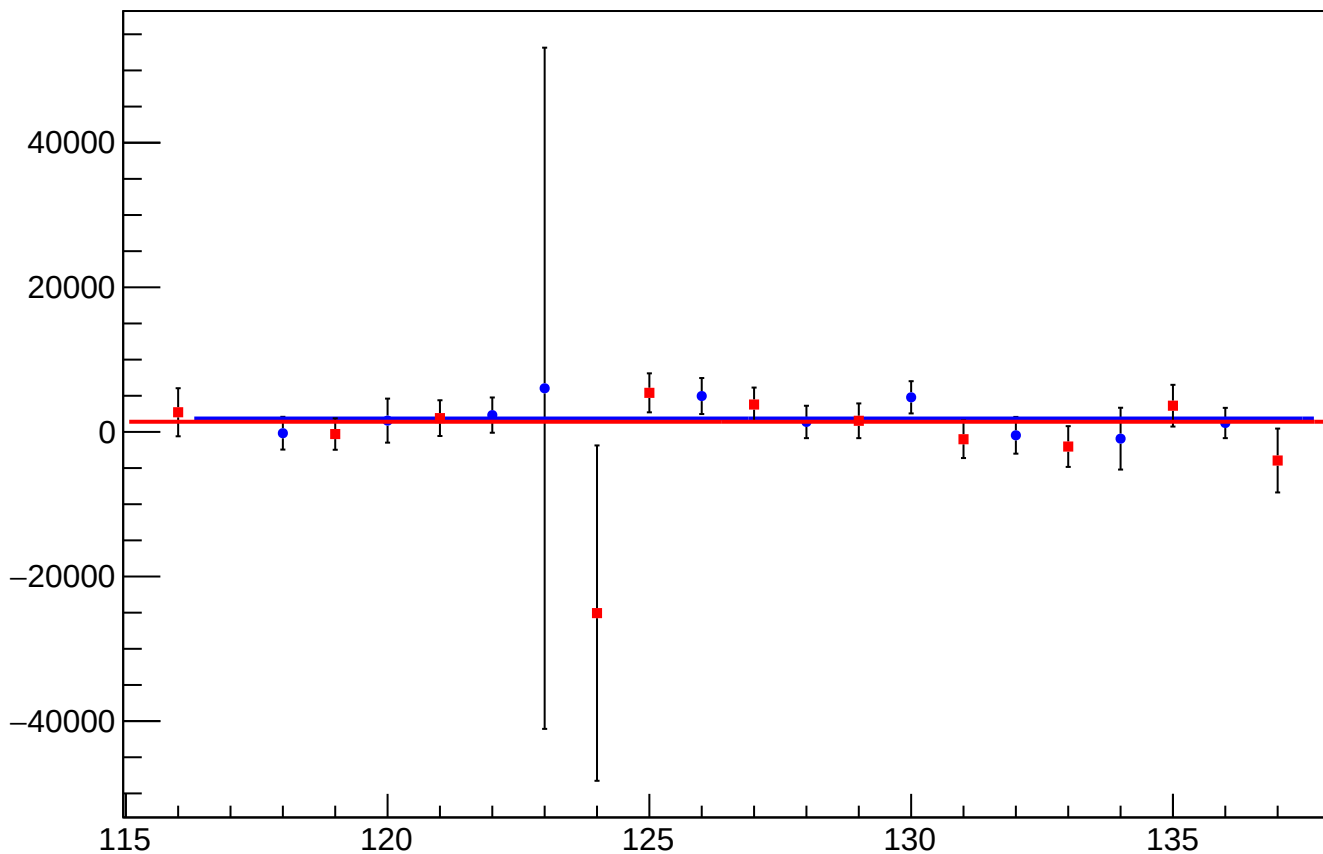
Right: 9498.317+/-2.414 χ^2/NDF : 430250.0/20

In: 9450.973+/-3.383 χ^2/NDF : 217835.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9498.317+/-2.414 χ^2/NDF : 430250.0/20

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1852.121+/-824.640 χ^2/NDF : 5.5/9

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

Right Out: 1406.897+/-843.653 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

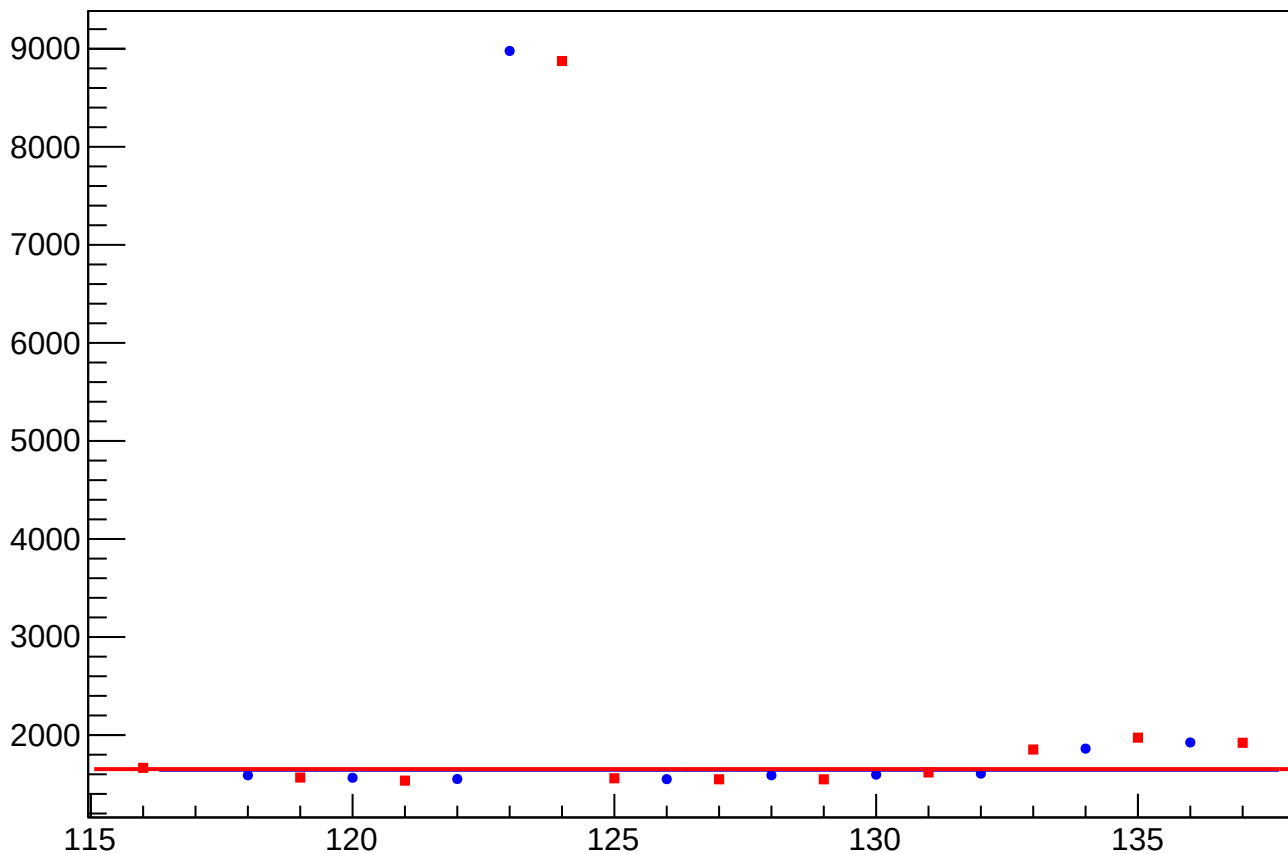
Right: 1634.583+/-589.716 χ^2/NDF : 15.4/20

In: 1852.121+/-824.640 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.583+/-589.716 χ^2/NDF : 15.4/20

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1646.270+/-0.583 χ^2/NDF : 100183.4/9

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

Right Out: 1652.692+/-0.597 χ^2/NDF : 254125.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

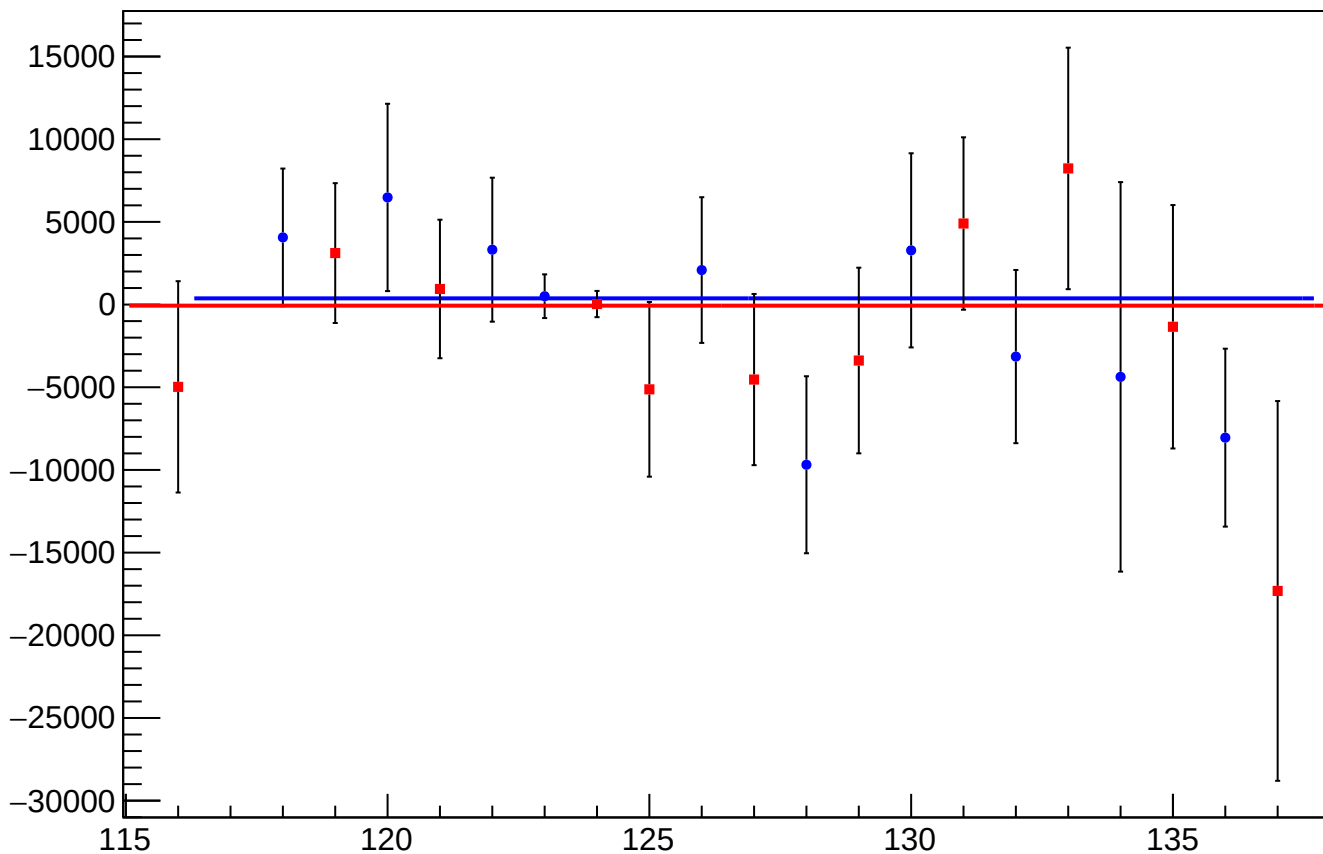
Right: 1649.408+/-0.417 χ^2/NDF : 354367.6/20

In: 1646.270+/-0.583 χ^2/NDF : 100183.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.408+/-0.417 χ^2/NDF : 354367.6/20

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 375.824 $\pm$ 1049.400 χ^2 /NDF: 9.4/9

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

Right Out: -65.165 $\pm$ 723.076 χ^2 /NDF: 7.7/10

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

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

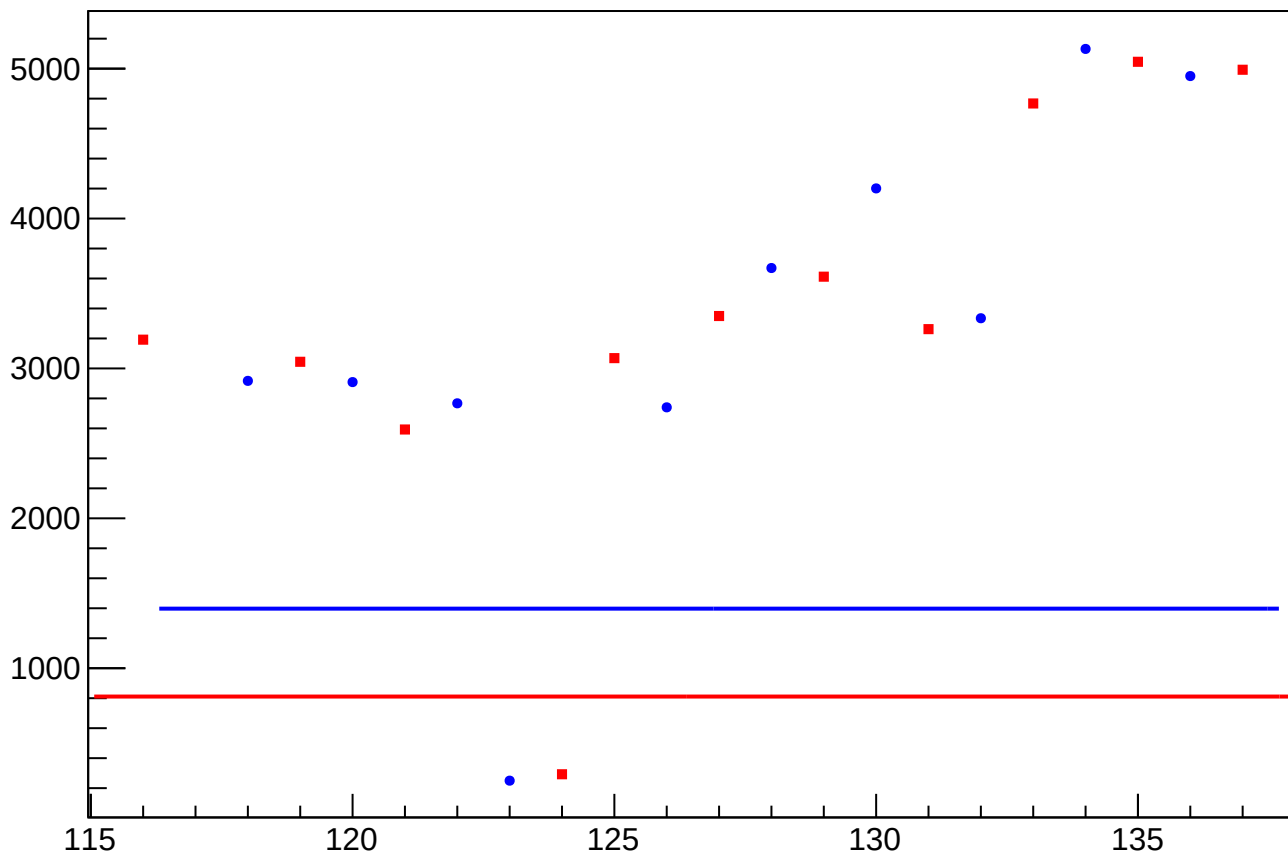
Right: 76.803 $\pm$ 595.417 χ^2 /NDF: 17.3/20

In: 375.824 $\pm$ 1049.400 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.803 $\pm$ 595.417 χ^2 /NDF: 17.3/20

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 1397.479+/-0.742 χ^2/NDF : 4465083.9/9

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

Right Out: 811.054+/-0.511 χ^2/NDF : 5352439.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

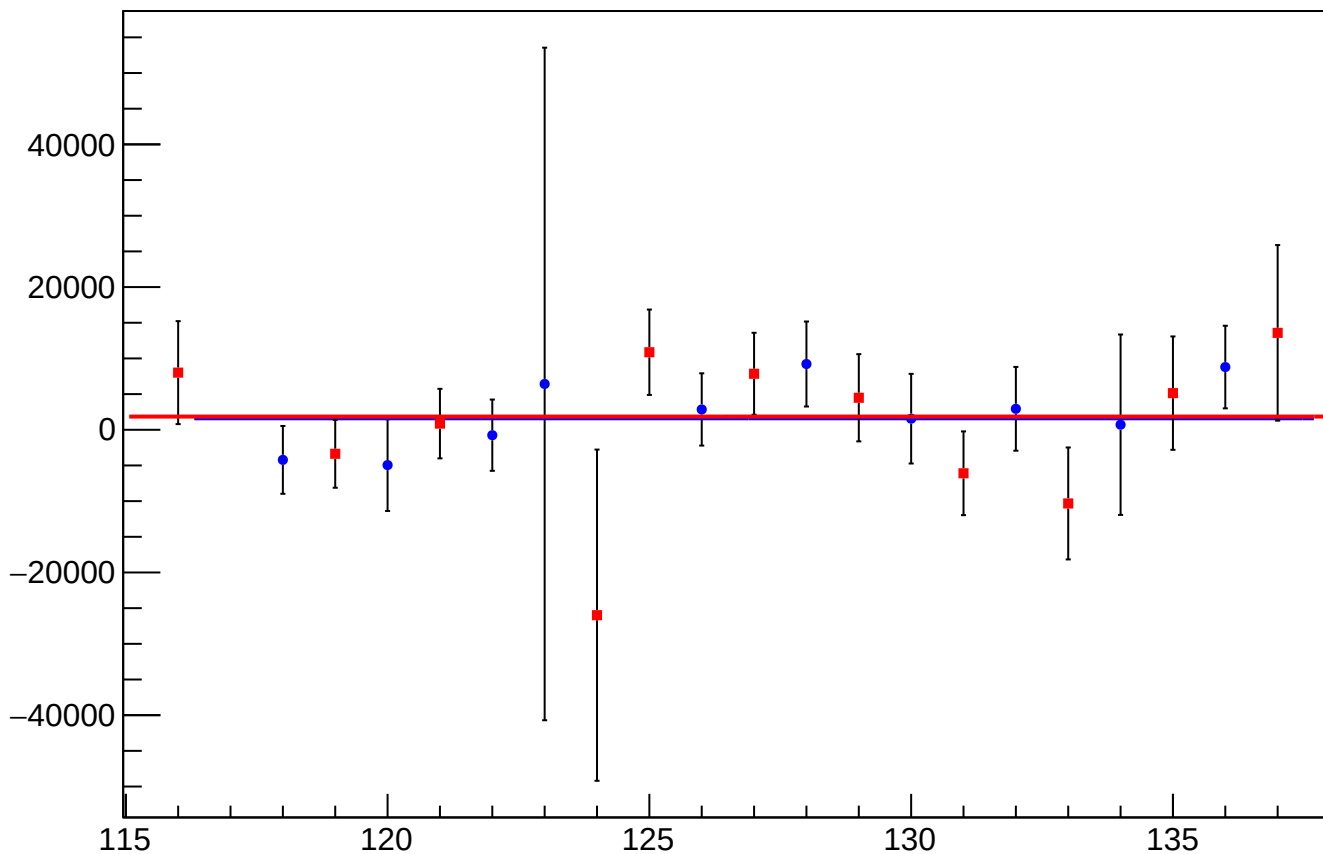
Right: 999.841+/-0.421 χ^2/NDF : 10241018.3/20

In: 1397.479+/-0.742 χ^2/NDF : 4465083.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.841+/-0.421 χ^2/NDF : 10241018.3/20

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1608.249+/-1936.659 χ^2/NDF : 6.1/9

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

Right Out: 1852.178+/-1960.832 χ^2/NDF : 12.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

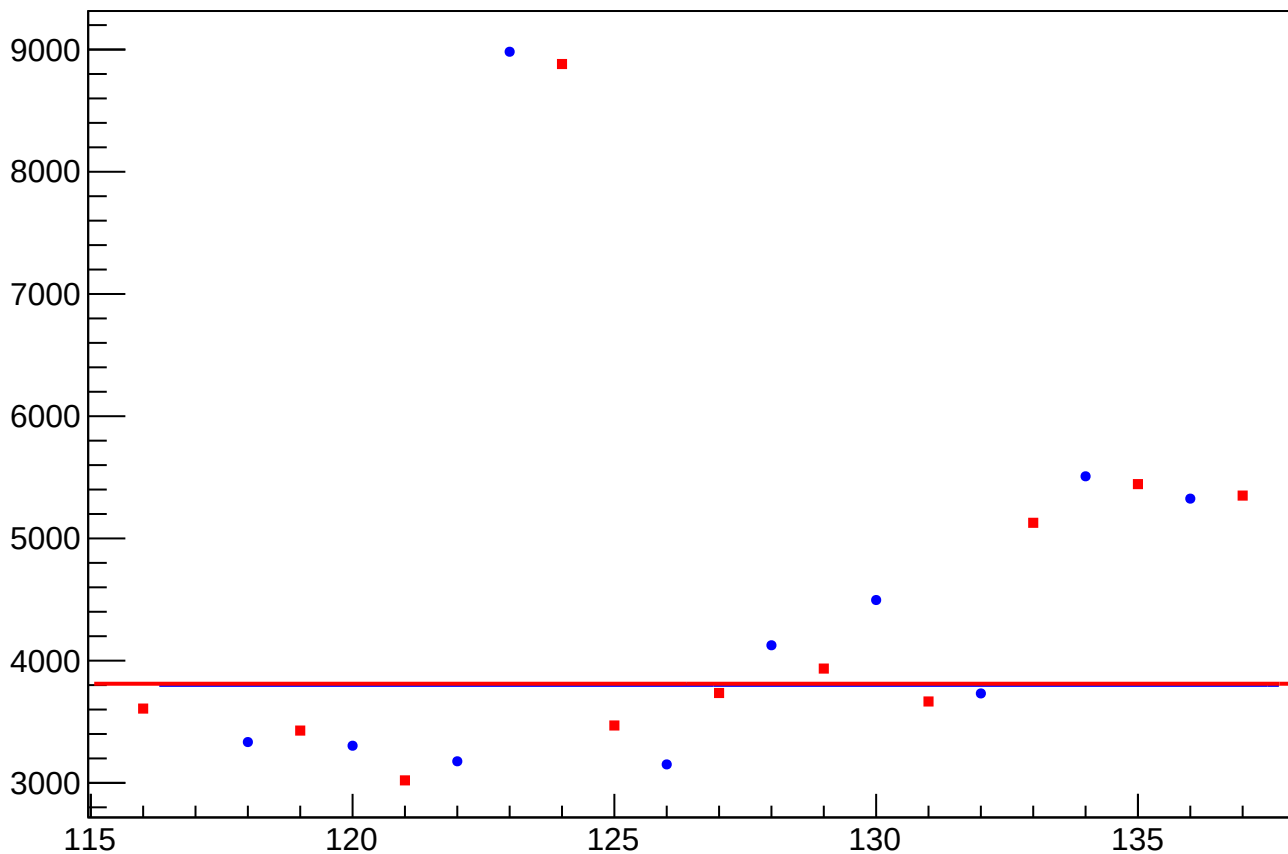
Right: 1728.700+/-1377.892 χ^2/NDF : 18.4/20

In: 1608.249+/-1936.659 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.700+/-1377.892 χ^2/NDF : 18.4/20

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3801.904+/-1.369 χ^2/NDF : 325551.1/9

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

Right Out: 3811.154+/-1.387 χ^2/NDF : 343729.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

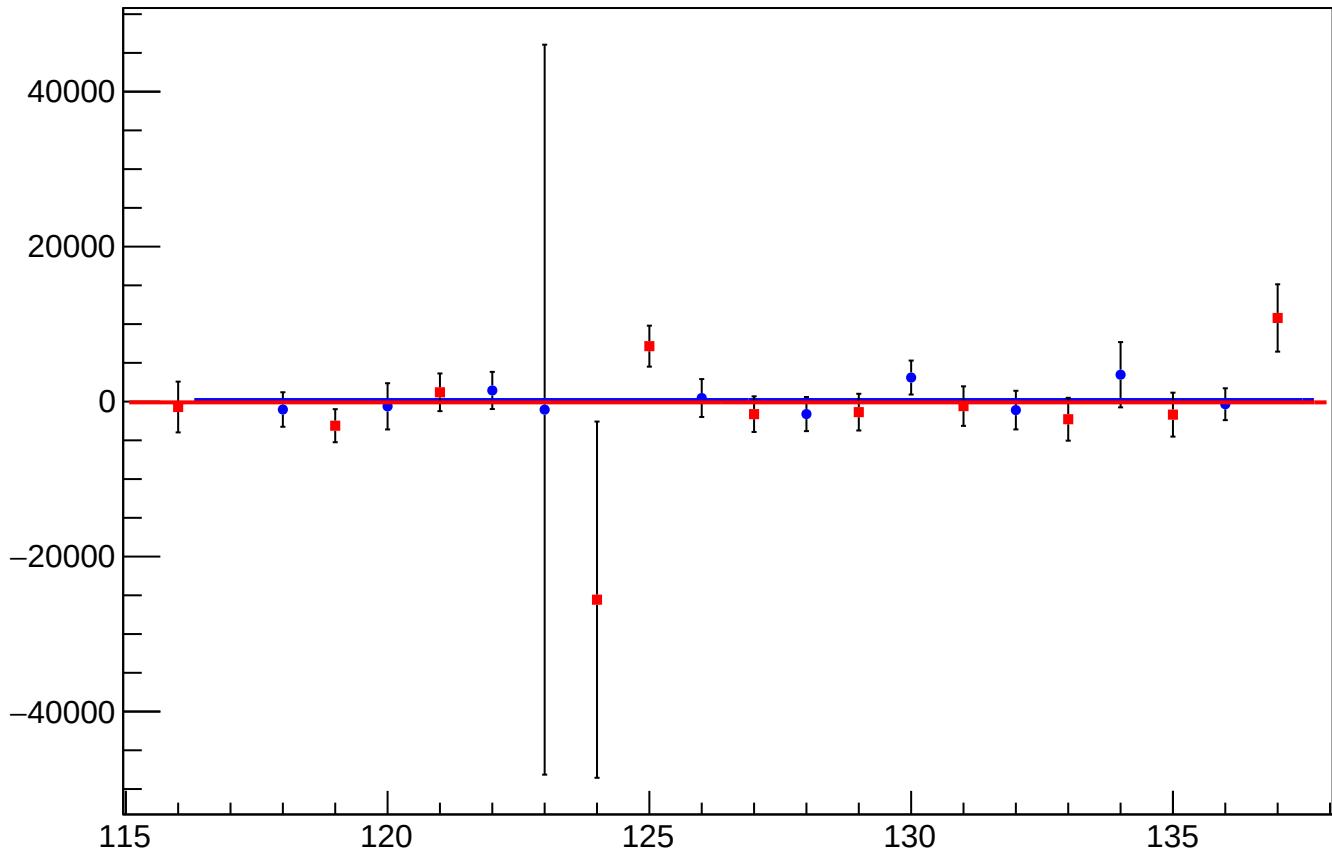
Right: 3806.472+/-0.974 χ^2/NDF : 669303.6/20

In: 3801.904+/-1.369 χ^2/NDF : 325551.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3806.472+/-0.974 χ^2/NDF : 669303.6/20

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 200.188+/-810.196 χ^2/NDF : 4.0/9

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

Right Out: -99.497+/-828.680 χ^2/NDF : 19.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

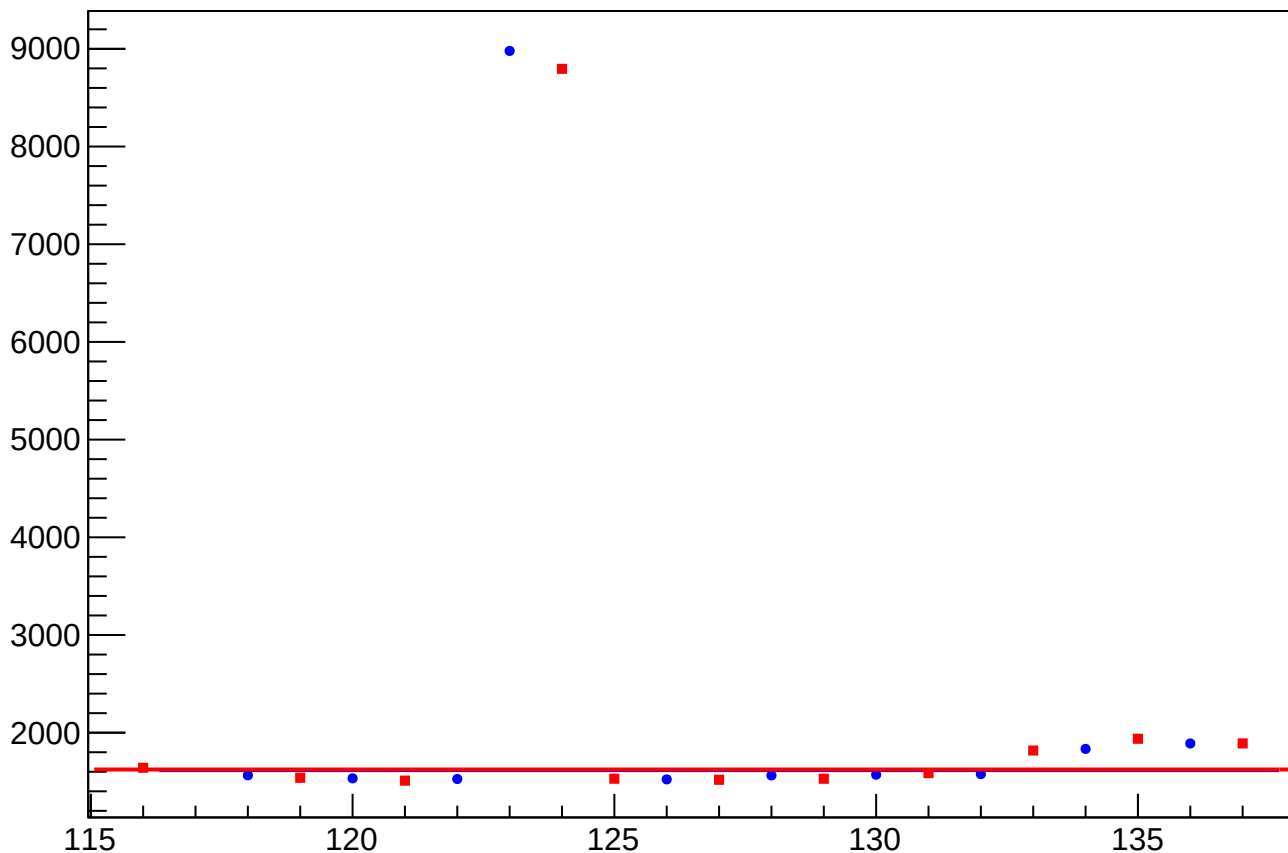
Right: 53.725+/-579.319 χ^2/NDF : 23.1/20

In: 200.188+/-810.196 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.725+/-579.319 χ^2/NDF : 23.1/20

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1617.357+/-0.573 χ^2/NDF : 100633.9/9

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

Right Out: 1623.225+/-0.586 χ^2/NDF : 254766.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

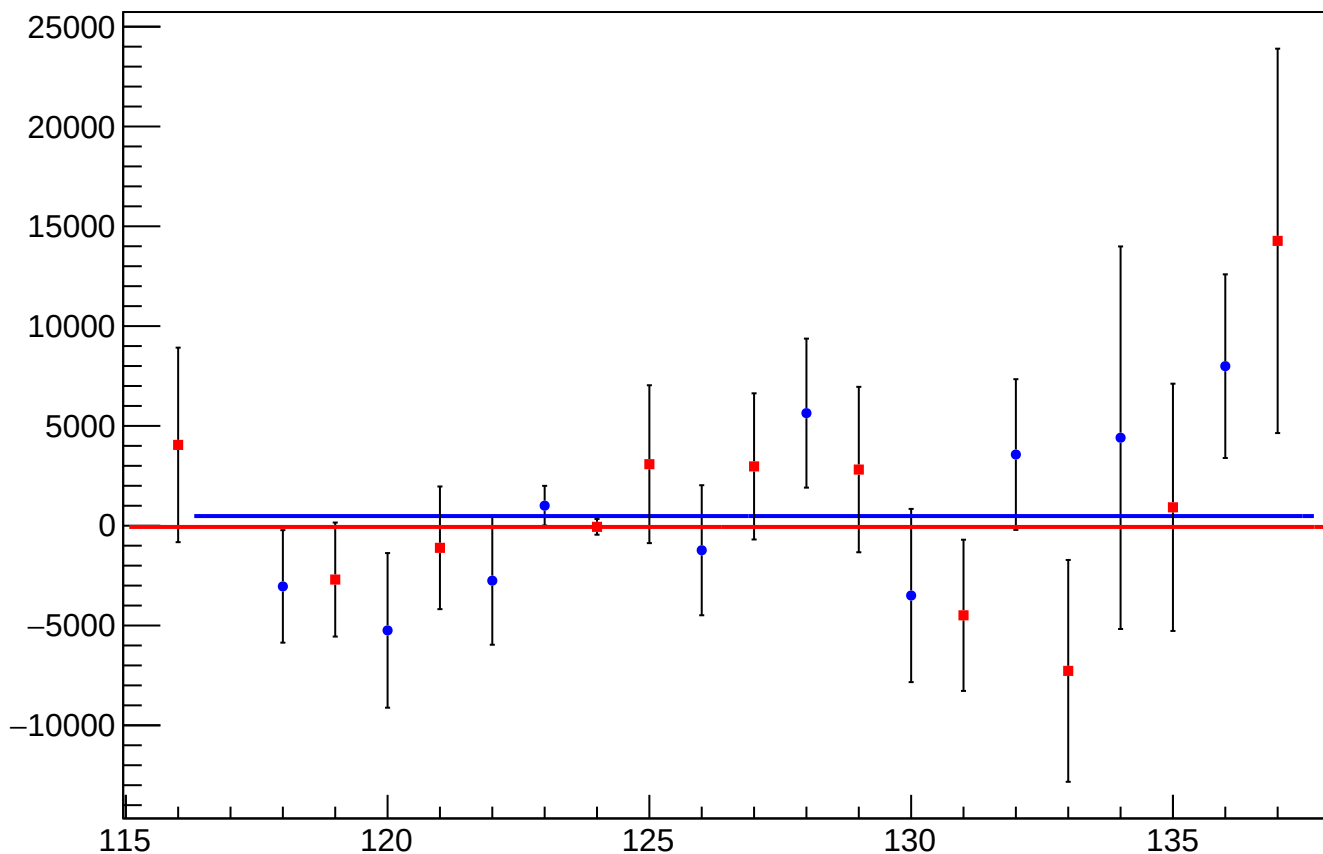
Right: 1620.225+/-0.410 χ^2/NDF : 355451.9/20

In: 1617.357+/-0.573 χ^2/NDF : 100633.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.225+/-0.410 χ^2/NDF : 355451.9/20

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 482.959+/-778.215 χ^2/NDF : 11.6/9

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

Right Out: -61.686+/-376.129 χ^2/NDF : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

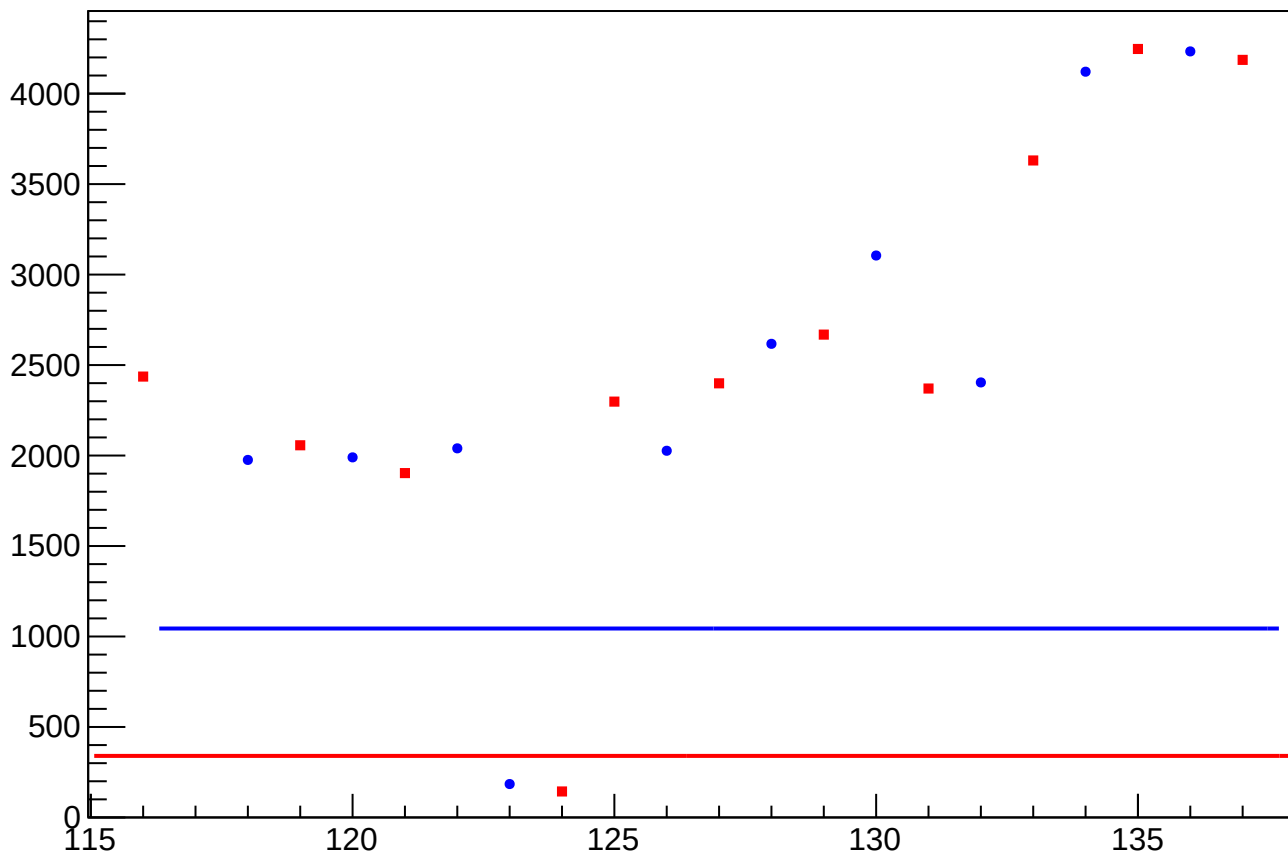
Right: 41.451+/-338.649 χ^2/NDF : 20.7/20

In: 482.959+/-778.215 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.451+/-338.649 χ^2/NDF : 20.7/20

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1044.128+/-0.550 χ^2/NDF : 4444031.0/9

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

Right Out: 340.163+/-0.266 χ^2/NDF : 6253894.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

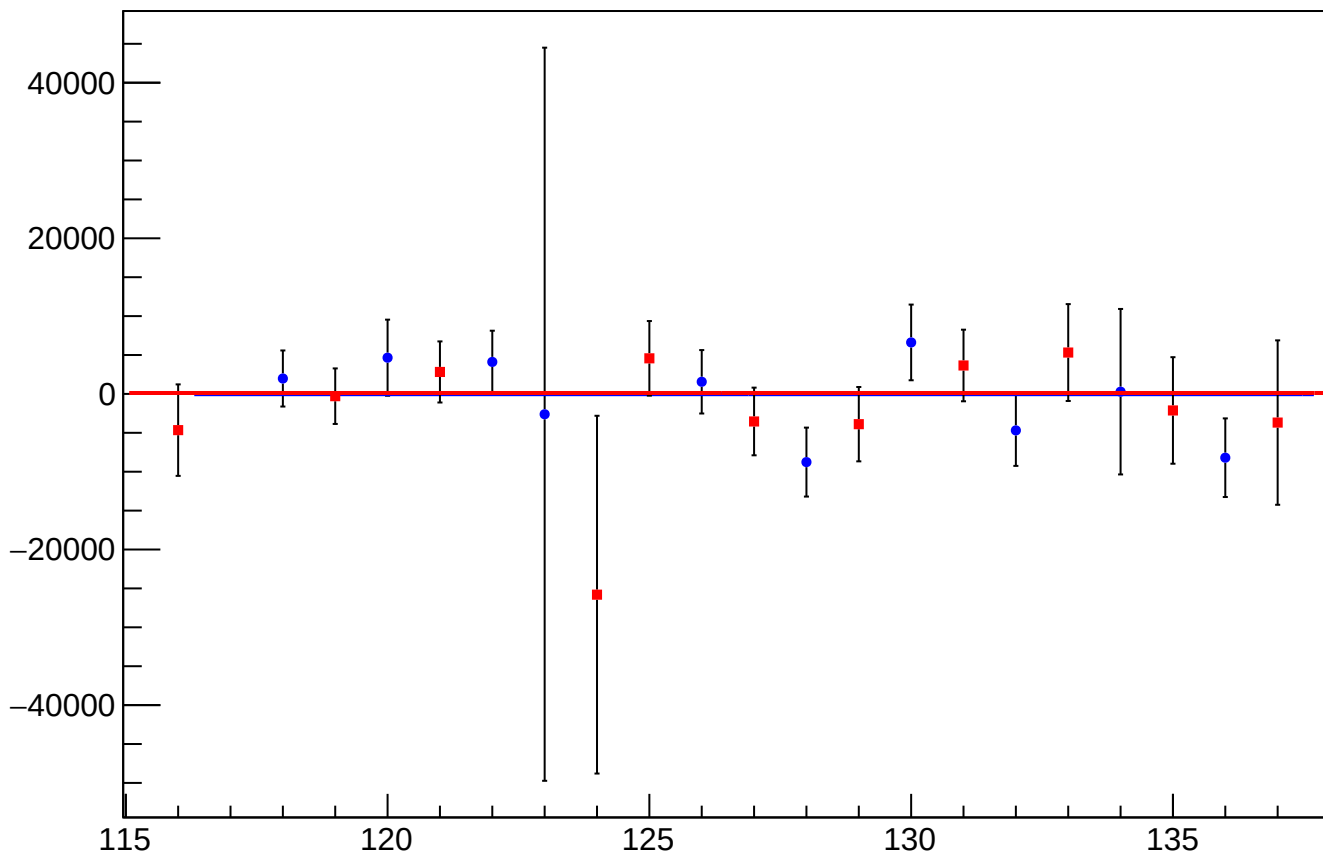
Right: 473.469+/-0.239 χ^2/NDF : 12024580.4/20

In: 1044.128+/-0.550 χ^2/NDF :4444031.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 473.469+/-0.239 χ^2/NDF : 12024580.4/20

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -35.140+/-1523.637 χ^2/NDF : 11.9/9

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

Right Out: 118.519+/-1547.228 χ^2/NDF : 6.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

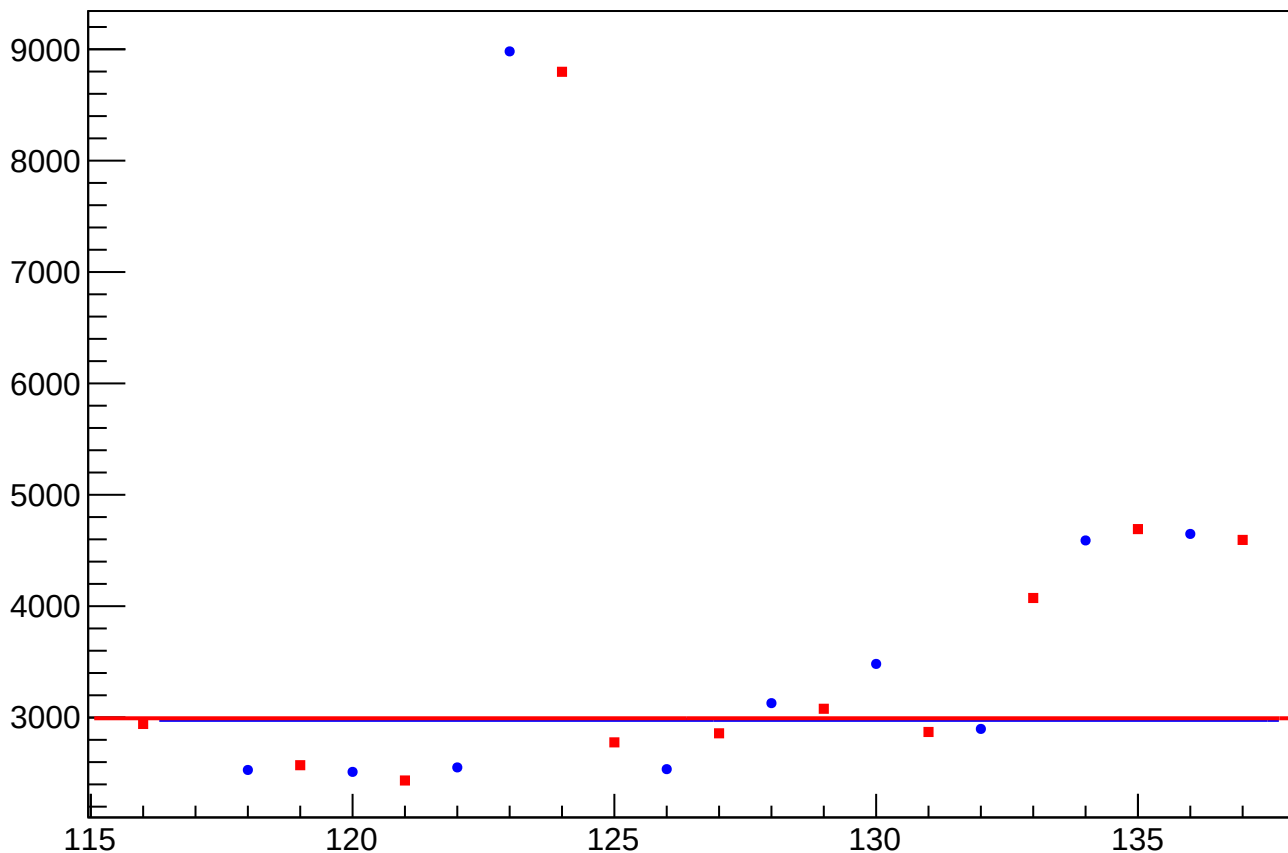
Right: 40.509+/-1085.619 χ^2/NDF : 18.1/20

In: -35.140+/-1523.637 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.509+/-1085.619 χ^2/NDF : 18.1/20

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2979.317+/-1.077 χ^2/NDF : 416493.0/9

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

Right Out: 2993.597+/-1.094 χ^2/NDF : 433191.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

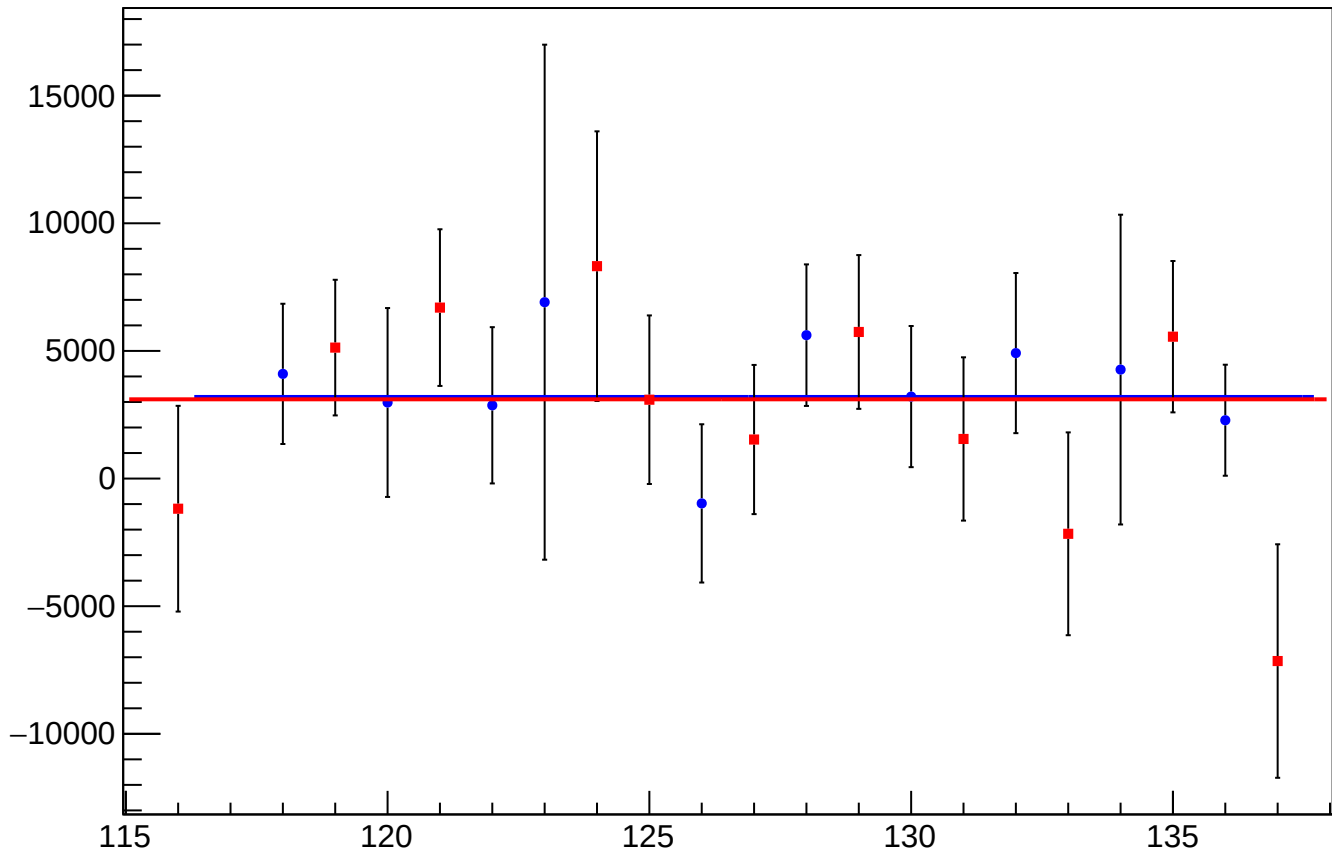
Right: 2986.348+/-0.768 χ^2/NDF : 849771.4/20

In: 2979.317+/-1.077 χ^2/NDF : 416493.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2986.348+/-0.768 χ^2/NDF : 849771.4/20

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3196.162+/-986.601 χ^2/NDF : 3.3/9

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

Right Out: 3104.324+/-1006.512 χ^2/NDF : 12.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

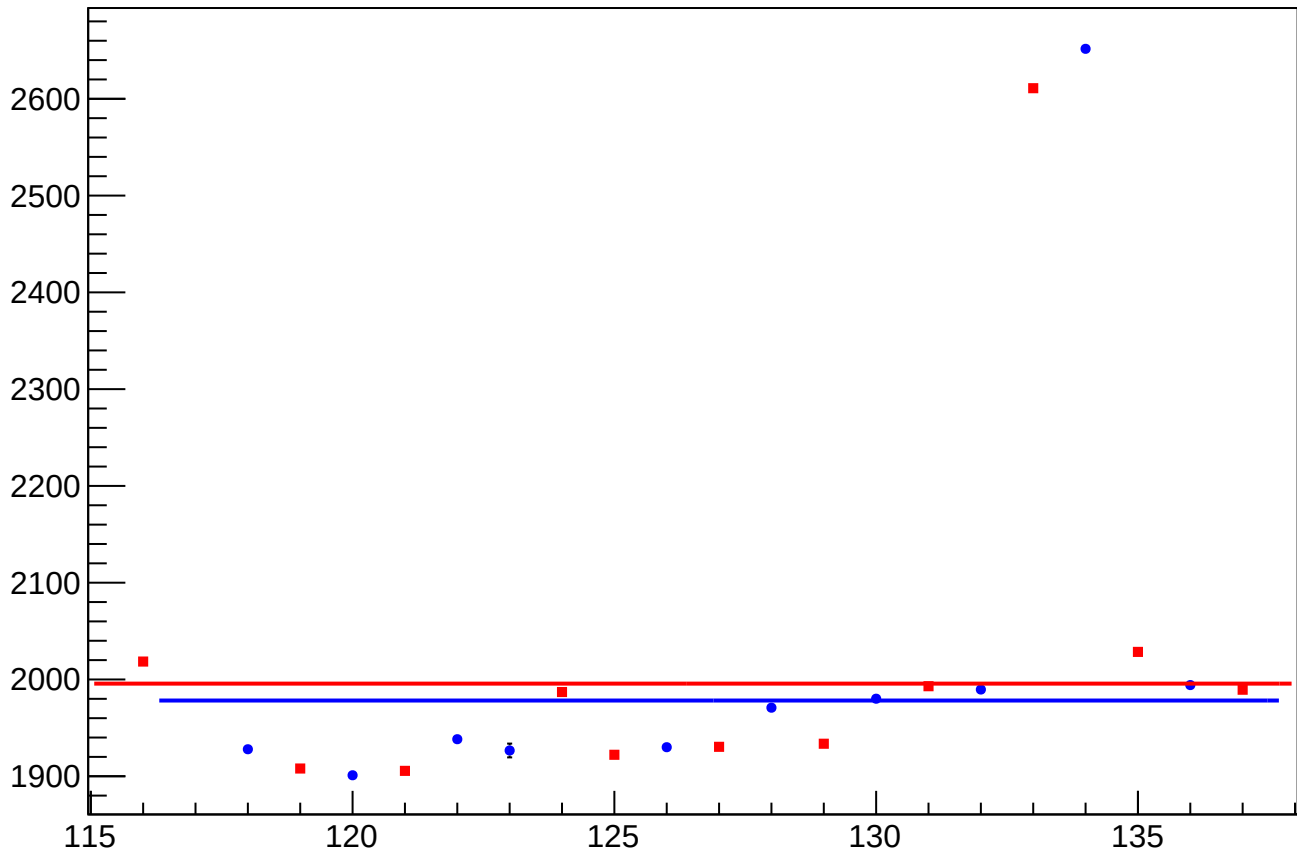
Right: 3151.160+/-704.566 χ^2/NDF : 16.2/20

In: 3196.162+/-986.601 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3151.160+/-704.566 χ^2/NDF : 16.2/20

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1978.246+/-0.698 χ^2/NDF : 27205.3/9

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

Right Out: 1995.710+/-0.712 χ^2/NDF : 55033.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

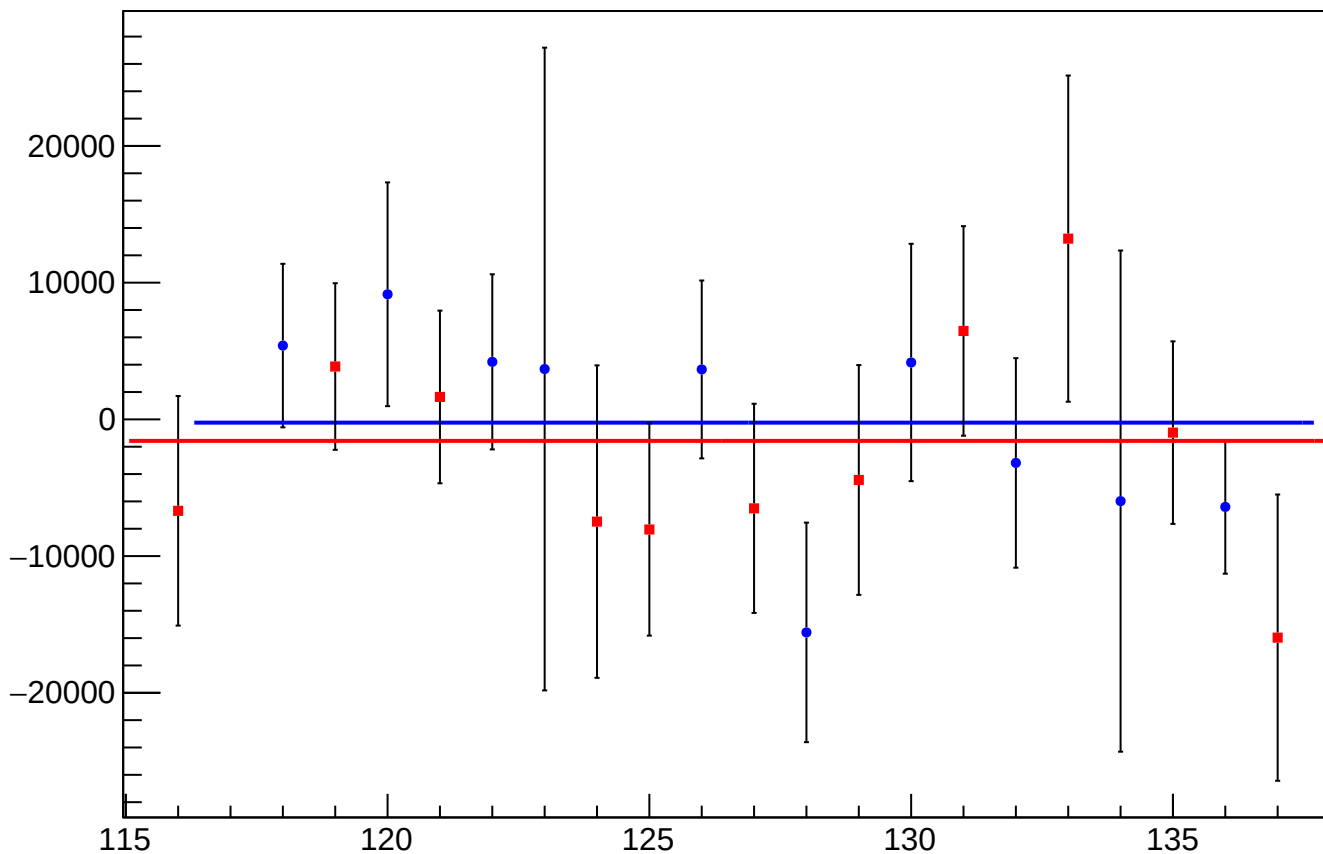
Right: 1986.804+/-0.498 χ^2/NDF : 82546.2/20

In: 1978.246+/-0.698 χ^2/NDF : 27205.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.804+/-0.498 χ^2/NDF : 82546.2/20

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -238.095+/-2335.087 χ^2/NDF : 8.8/9

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

Right Out: -1572.574+/-2375.030 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

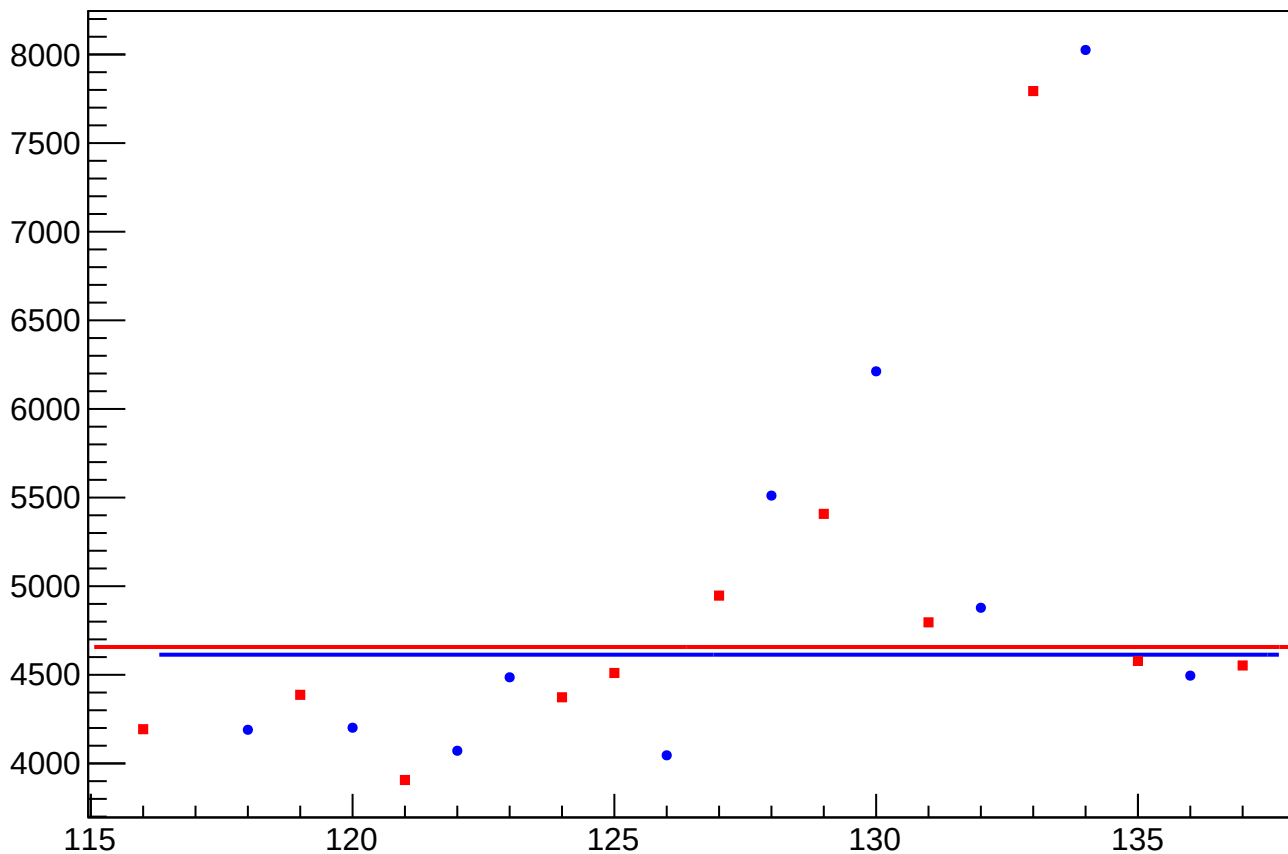
Right: -894.019+/-1665.098 χ^2/NDF : 16.4/20

In: -238.095+/-2335.087 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -894.019+/-1665.098 χ^2/NDF : 16.4/20

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4613.520+/-1.651 χ^2/NDF : 210393.8/9

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

Right Out: 4656.994+/-1.679 χ^2/NDF : 198450.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

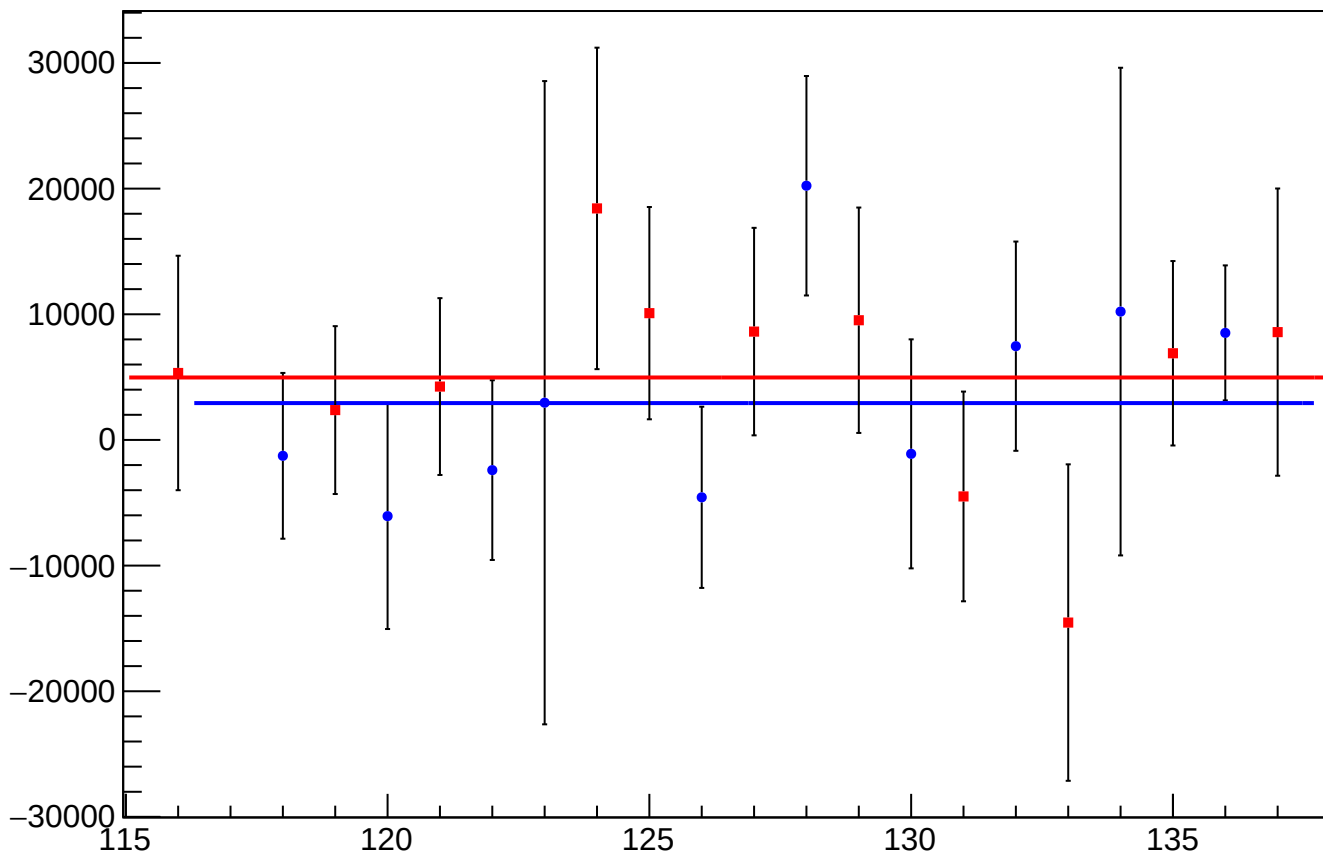
Right: 4634.888+/-1.177 χ^2/NDF : 409185.1/20

In: 4613.520+/-1.651 χ^2/NDF : 210393.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4634.888+/-1.177 χ^2/NDF : 409185.1/20

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2932.398+/-2560.188 χ^2/NDF : 8.7/9

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

Right Out: 4970.122+/-2597.414 χ^2/NDF : 5.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

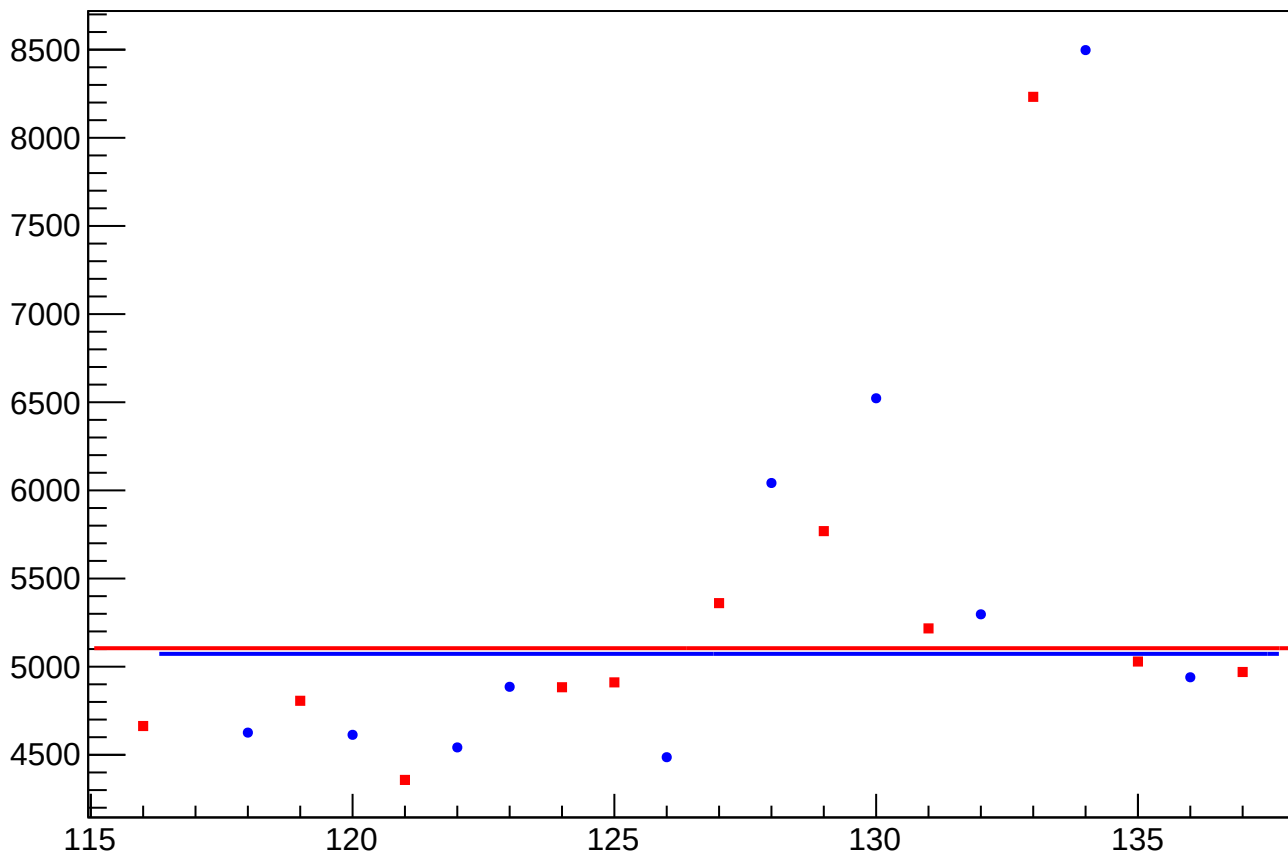
Right: 3936.553+/-1823.345 χ^2/NDF : 14.9/20

In: 2932.398+/-2560.188 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3936.553+/-1823.345 χ^2/NDF : 14.9/20

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 5072.784+/-1.810 χ^2/NDF : 178968.2/9

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

Right Out: 5104.781+/-1.837 χ^2/NDF : 169791.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

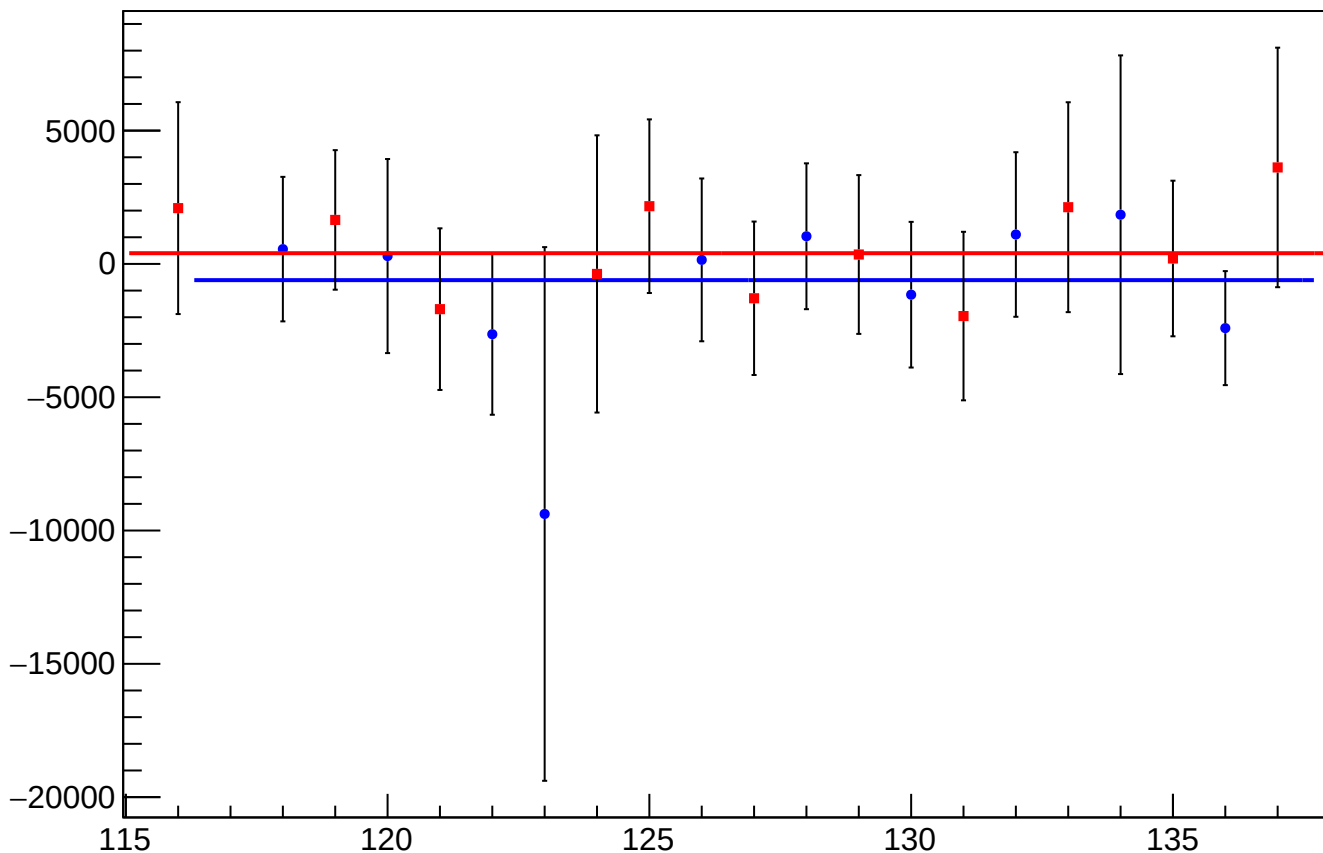
Right: 5088.552+/-1.289 χ^2/NDF : 348914.0/20

In: 5072.784+/-1.810 χ^2/NDF :178968.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5088.552+/-1.289 χ^2/NDF : 348914.0/20

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -608.557+/-972.279 χ^2/NDF : 3.1/9

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

Right Out: 402.116+/-992.759 χ^2/NDF : 2.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

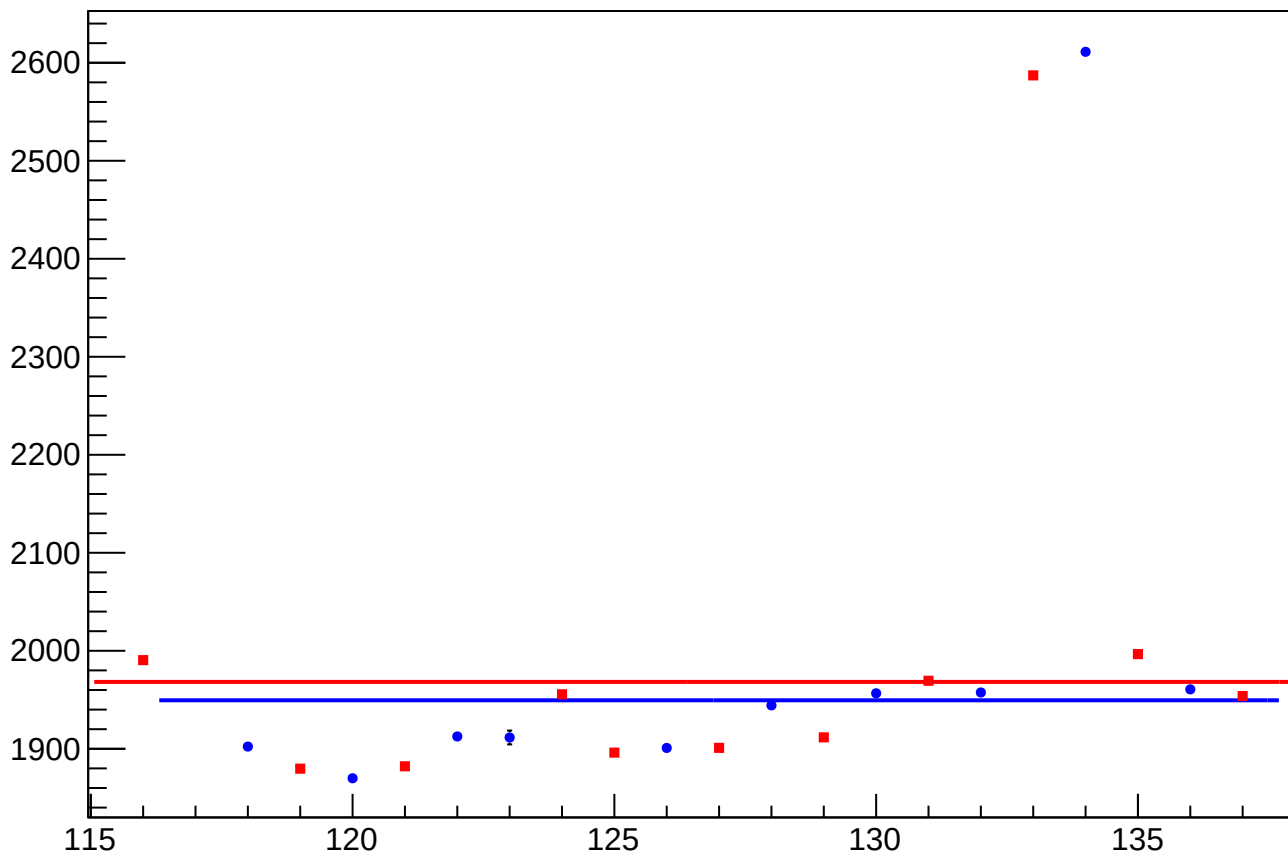
Right: -113.753+/-694.633 χ^2/NDF : 6.5/20

In: -608.557+/-972.279 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.753+/-694.633 χ^2/NDF : 6.5/20

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1949.480+/-0.688 χ^2/NDF : 27003.9/9

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

Right Out: 1968.251+/-0.702 χ^2/NDF : 56420.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

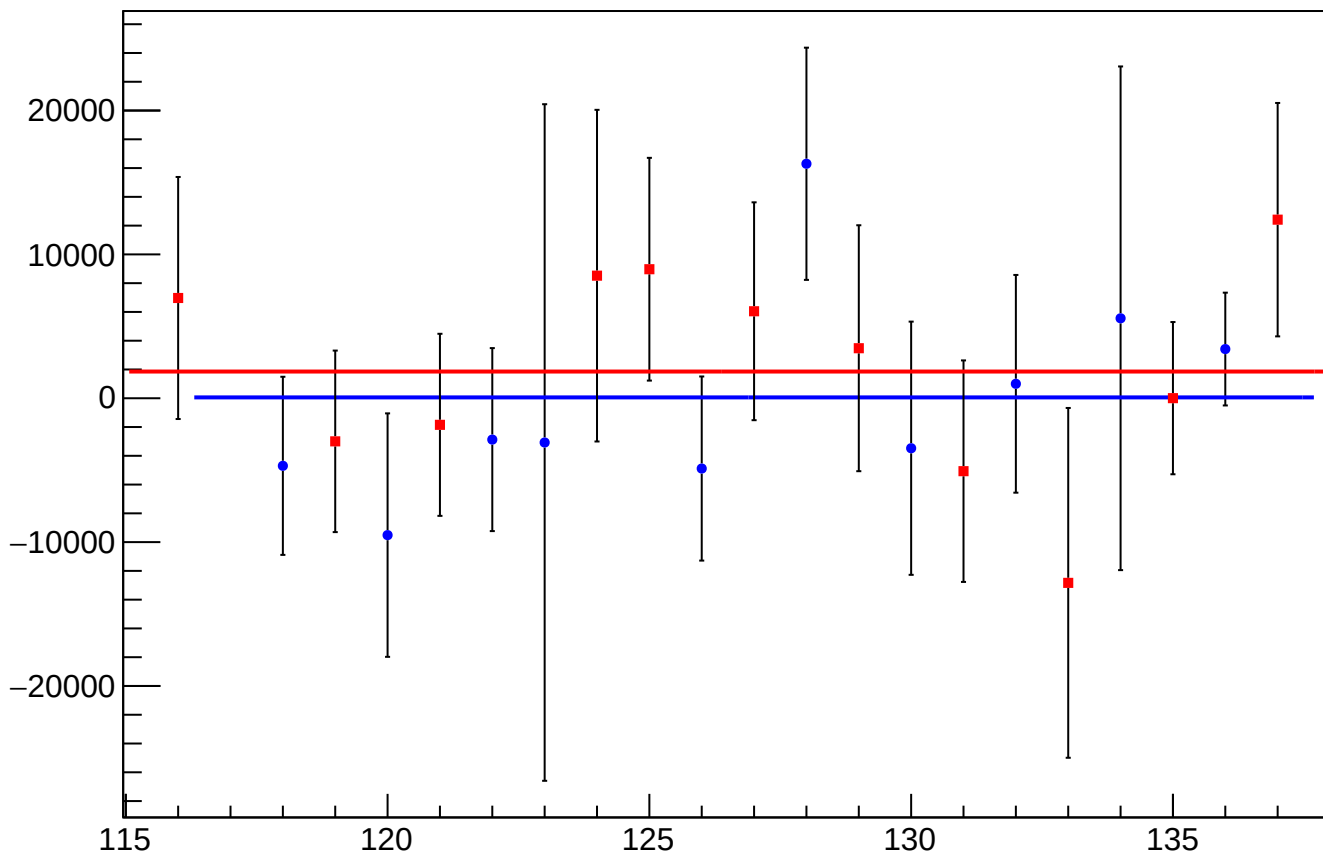
Right: 1958.669+/-0.491 χ^2/NDF : 83788.9/20

In: 1949.480+/-0.688 χ^2/NDF : 27003.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.669+/-0.491 χ^2/NDF : 83788.9/20

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 59.582+/-2208.262 χ^2/NDF : 7.8/9

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

Right Out: 1857.154+/-2269.711 χ^2/NDF : 6.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

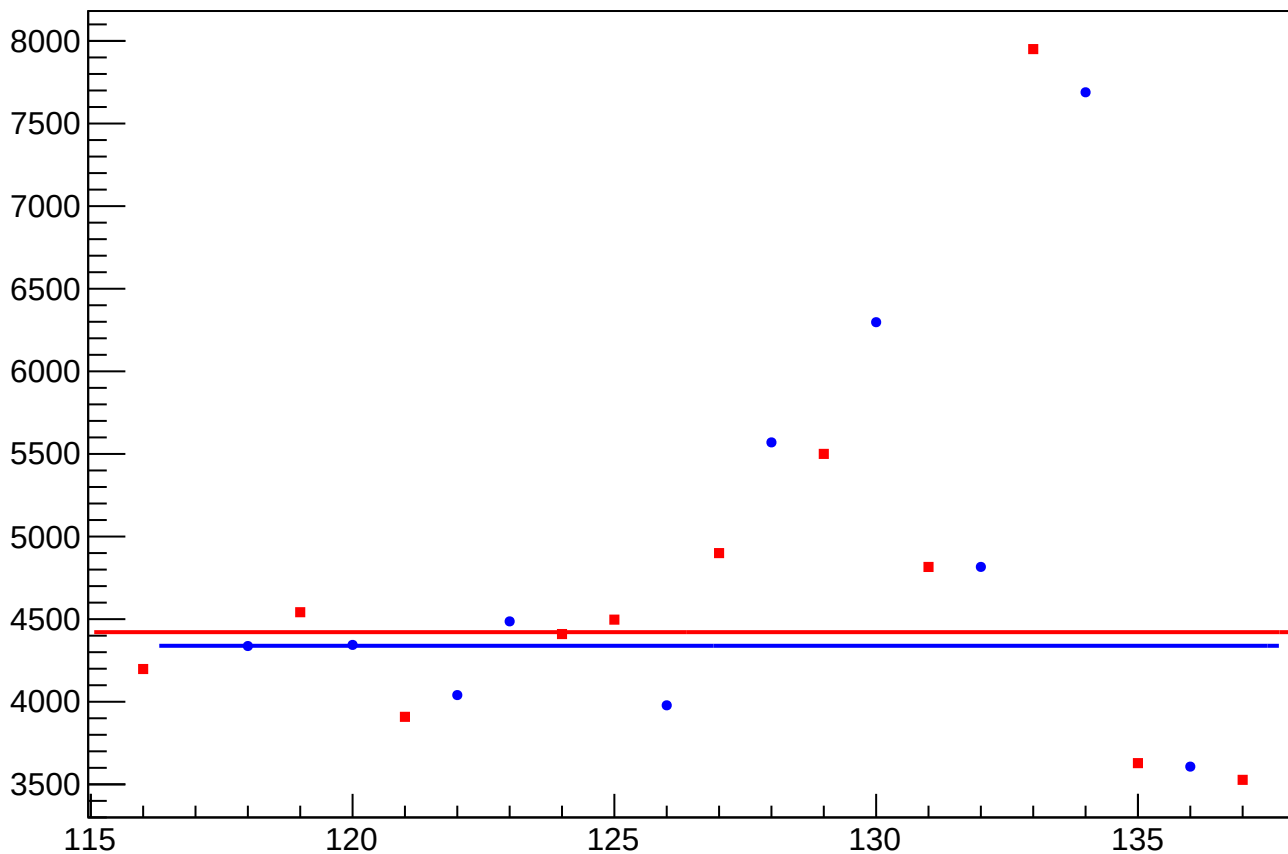
Right: 933.706+/-1582.755 χ^2/NDF : 15.0/20

In: 59.582+/-2208.262 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.706+/-1582.755 χ^2/NDF : 15.0/20

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 4338.774+/-1.561 χ^2/NDF : 307270.6/9

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

Right Out: 4421.306+/-1.605 χ^2/NDF : 298283.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

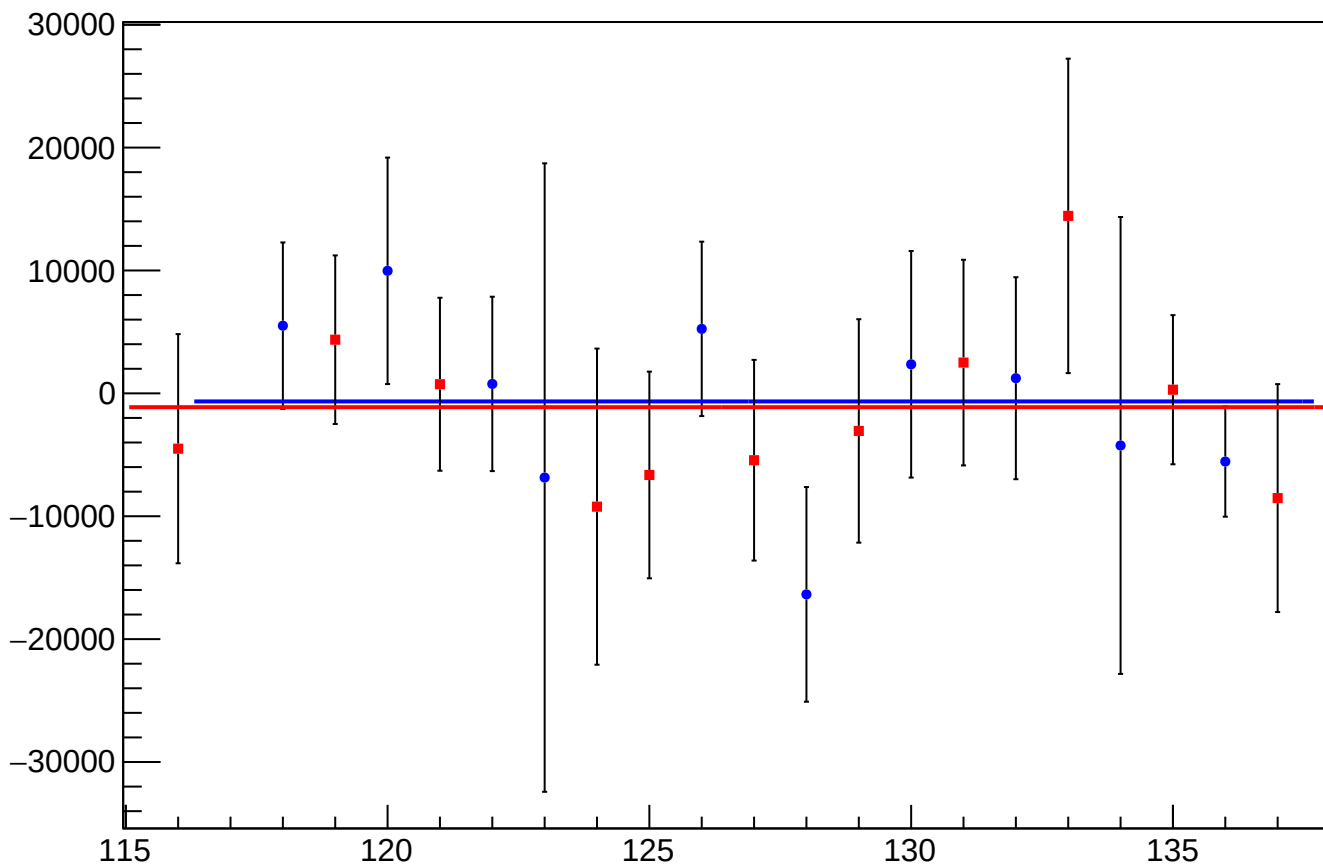
Right: 4378.908+/-1.119 χ^2/NDF : 606912.5/20

In: 4338.774+/-1.561 χ^2/NDF : 307270.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4378.908+/-1.119 χ^2/NDF : 606912.5/20

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -657.048+/-2446.951 χ^2/NDF : 7.6/9

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

Right Out: -1125.672+/-2504.853 χ^2/NDF : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

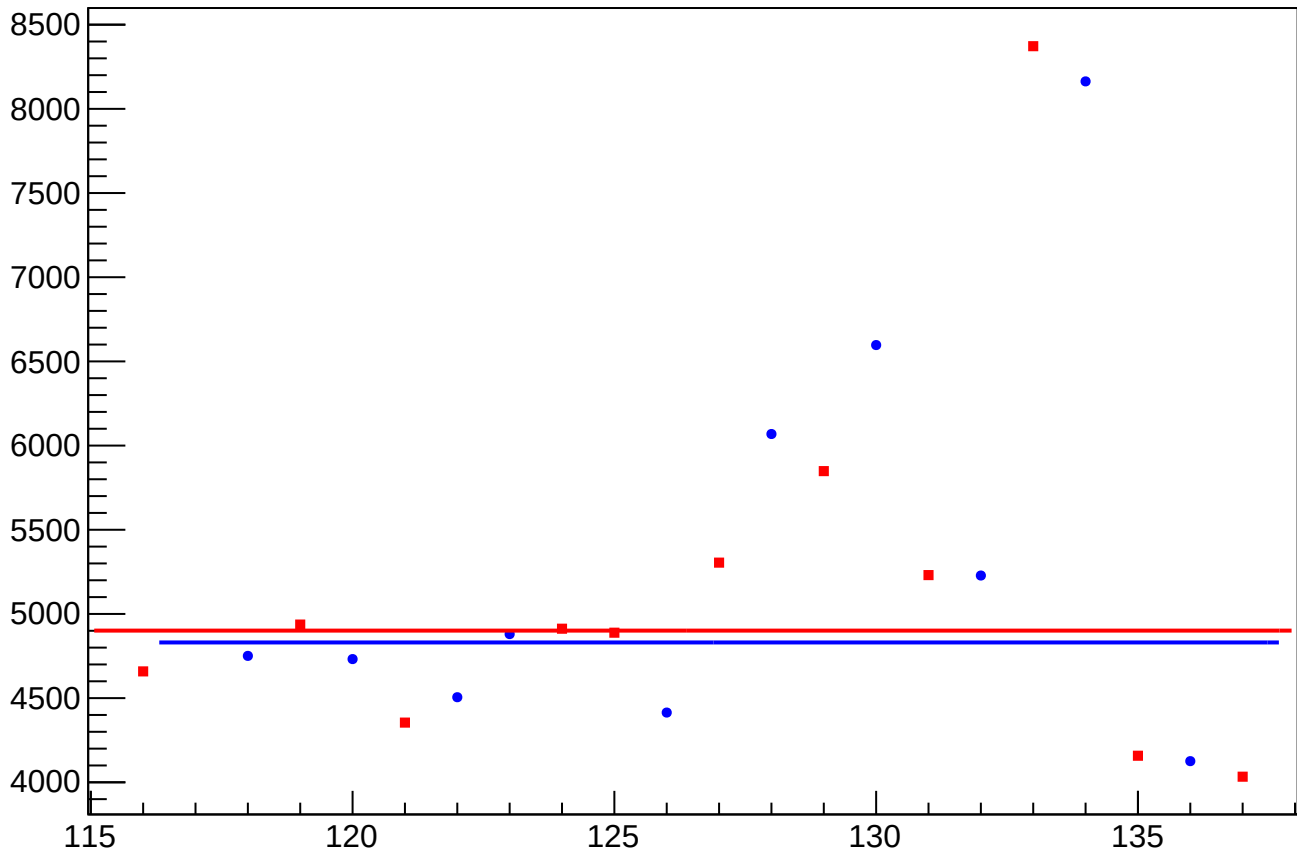
Right: -885.881+/-1750.368 χ^2/NDF : 11.9/20

In: -657.048+/-2446.951 χ^2/NDF :7.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -885.881+/-1750.368 χ^2/NDF : 11.9/20

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4830.674+/-1.730 χ^2/NDF : 243503.6/9

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

Right Out: 4901.047+/-1.771 χ^2/NDF : 237881.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

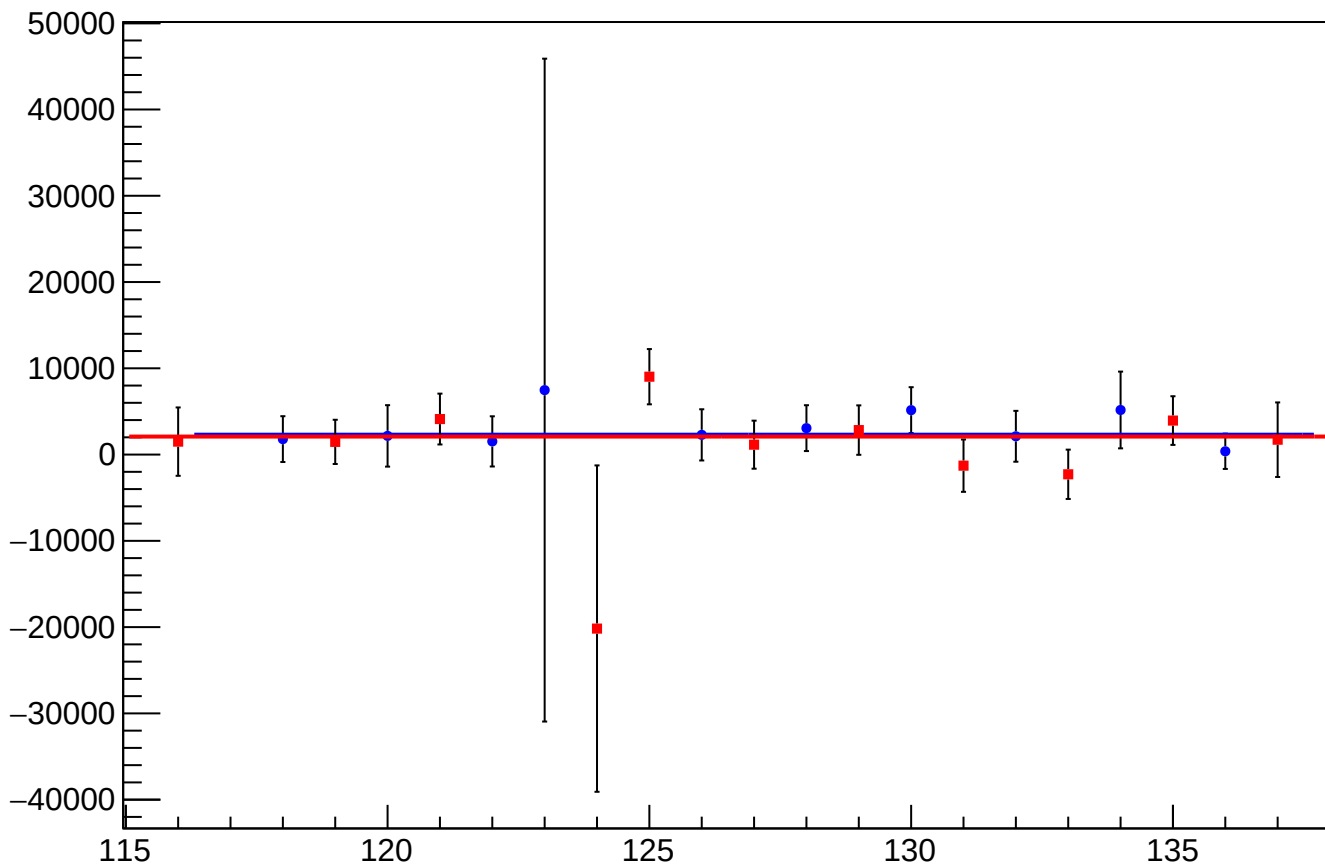
Right: 4865.038+/-1.238 χ^2/NDF : 482193.1/20

In: 4830.674+/-1.730 χ^2/NDF : 243503.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4865.038+/-1.238 χ^2/NDF : 482193.1/20

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2304.894+/-936.256 χ^2/NDF : 2.7/9

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

Right Out: 2087.390+/-956.678 χ^2/NDF : 10.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

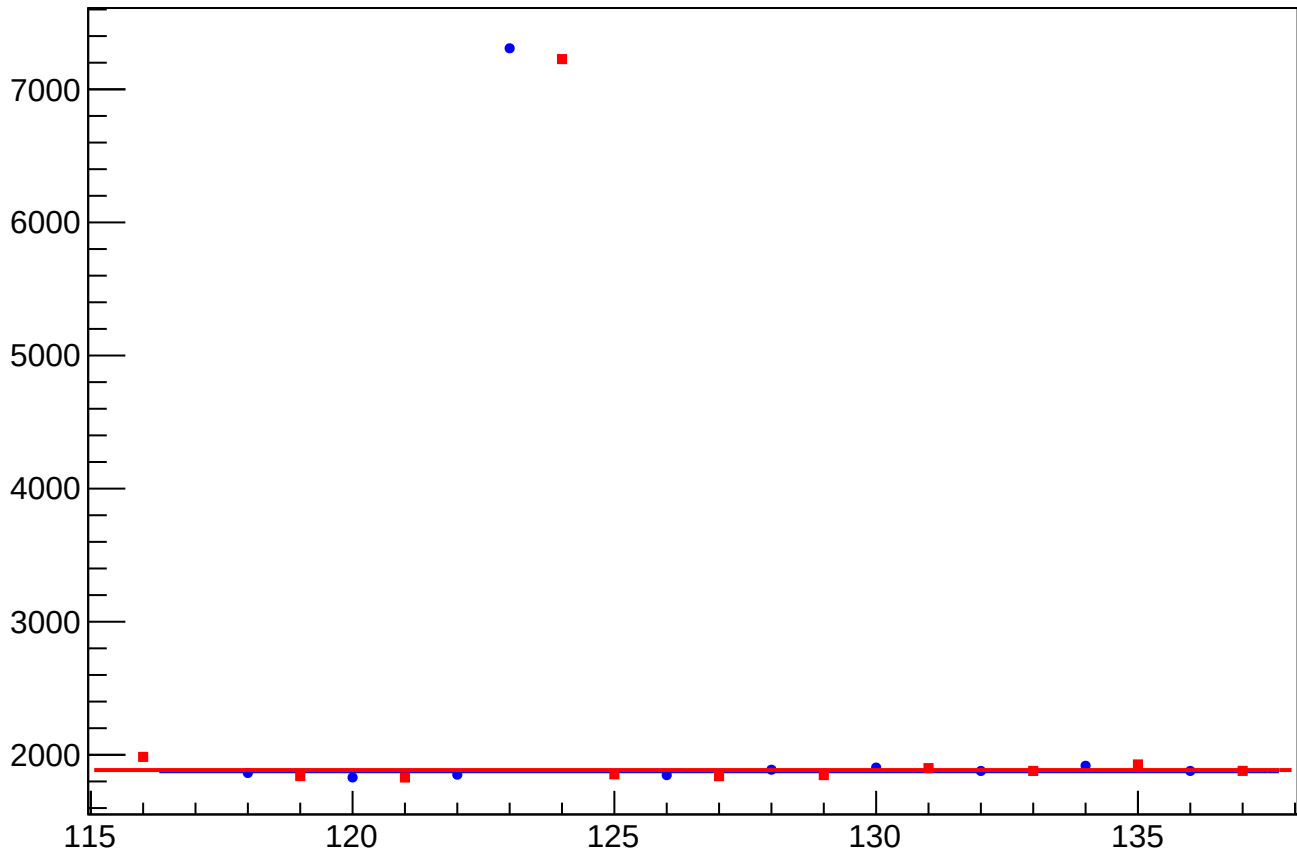
Right: 2198.488+/-669.136 χ^2/NDF : 13.5/20

In: 2304.894+/-936.256 χ^2/NDF : 2.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2198.488+/-669.136 χ^2/NDF : 13.5/20

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1876.810+/-0.662 χ^2/NDF : 41149.8/9

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

Right Out: 1885.534+/-0.676 χ^2/NDF : 163661.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

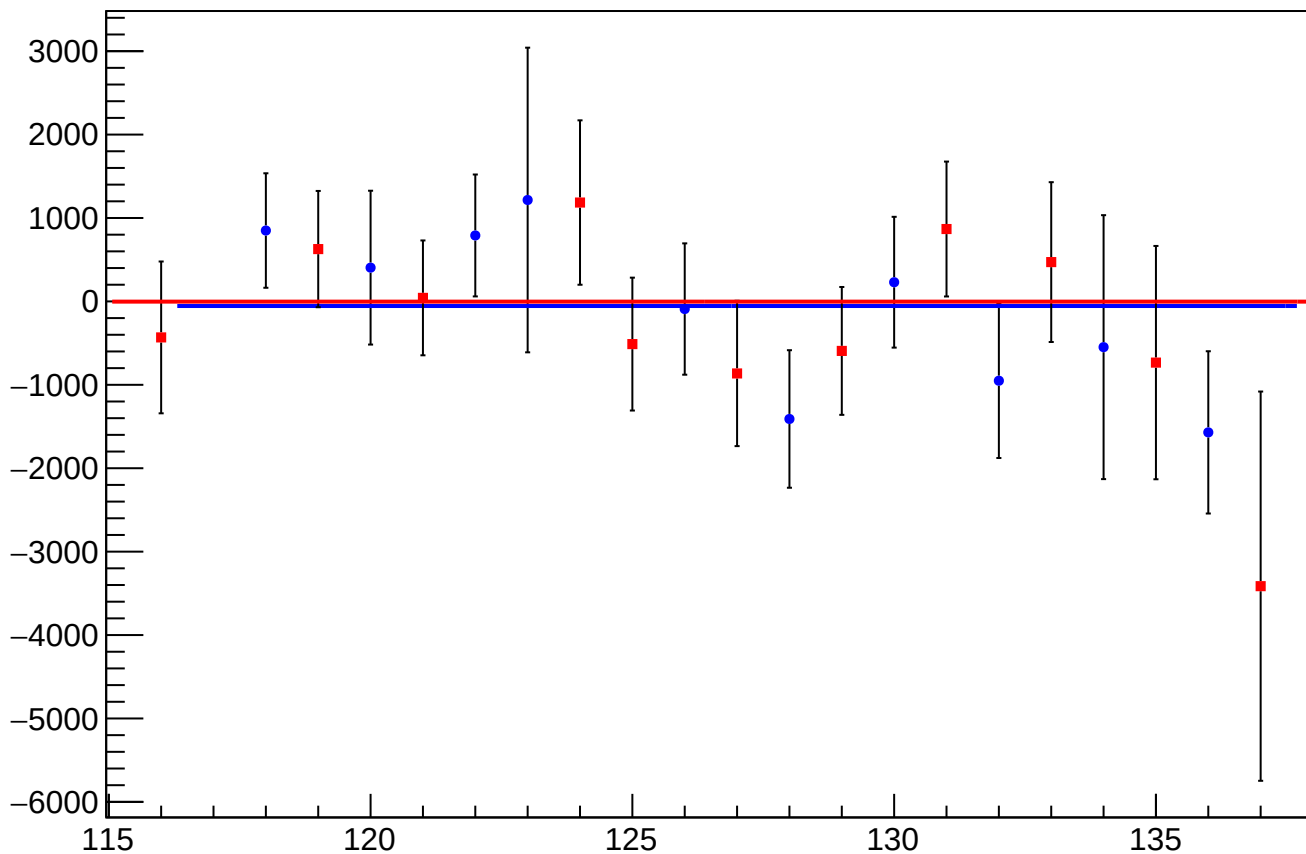
Right: 1881.078+/-0.473 χ^2/NDF : 204895.7/20

In: 1876.810+/-0.662 χ^2/NDF : 41149.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.078+/-0.473 χ^2/NDF : 204895.7/20

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -55.321+/-279.460 χ^2/NDF : 10.1/9

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

Right Out: -2.611+/-264.301 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

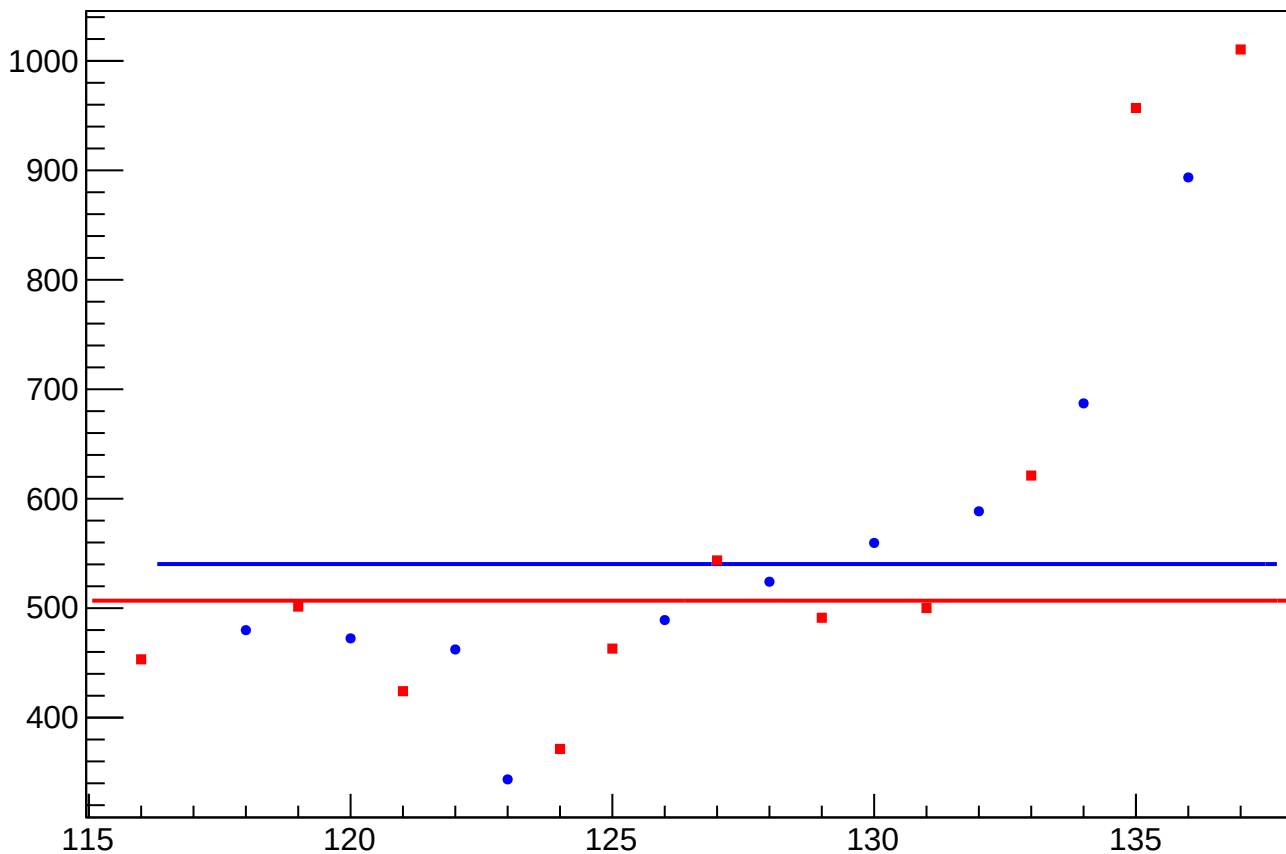
Right: -27.498+/-192.025 χ^2/NDF : 18.4/20

In: -55.321+/-279.460 χ^2/NDF :10.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.498+/-192.025 χ^2/NDF : 18.4/20

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 540.313+/-0.198 χ^2/NDF : 369171.0/9

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

Right Out: 506.856+/-0.187 χ^2/NDF : 413092.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

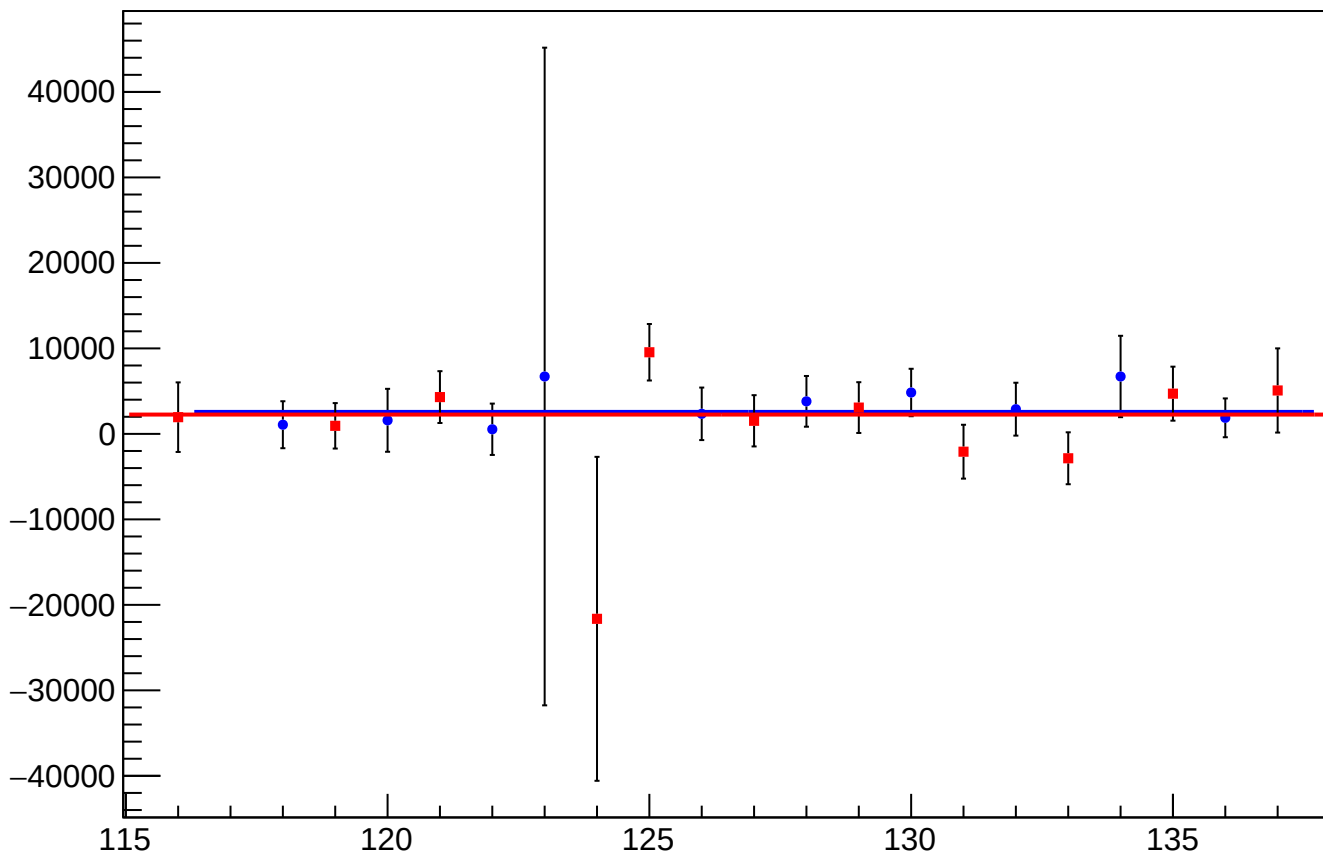
Right: 522.653+/-0.136 χ^2/NDF : 797394.9/20

In: 540.313+/-0.198 χ^2/NDF :369171.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 522.653+/-0.136 χ^2/NDF : 797394.9/20

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2570.568+/-995.134 χ^2/NDF : 2.5/9

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

Right Out: 2259.869+/-1009.970 χ^2/NDF : 13.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

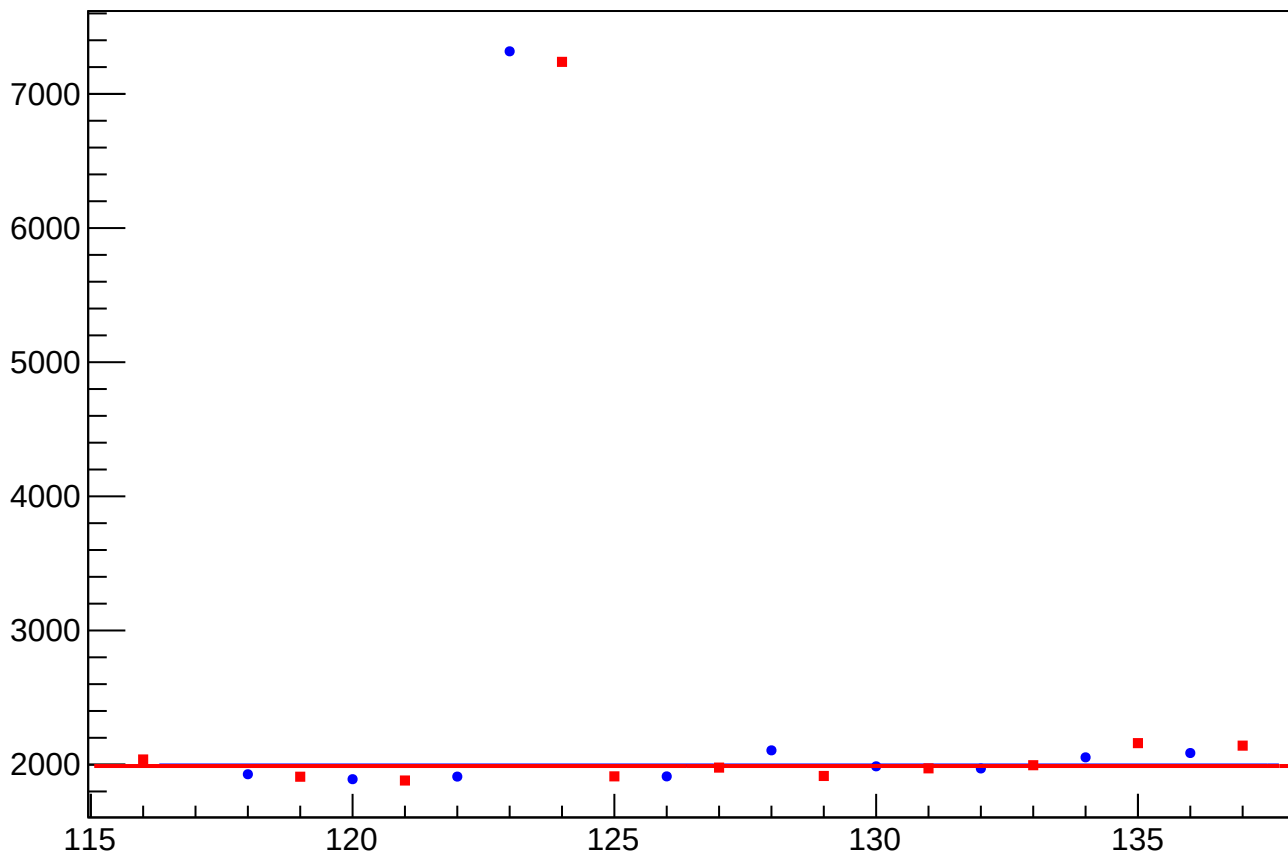
Right: 2417.517+/-708.853 χ^2/NDF : 15.6/20

In: 2570.568+/-995.134 χ^2/NDF : 2.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2417.517+/-708.853 χ^2/NDF : 15.6/20

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1993.611+/-0.704 χ^2/NDF : 50581.9/9

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

Right Out: 1989.625+/-0.714 χ^2/NDF : 168317.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

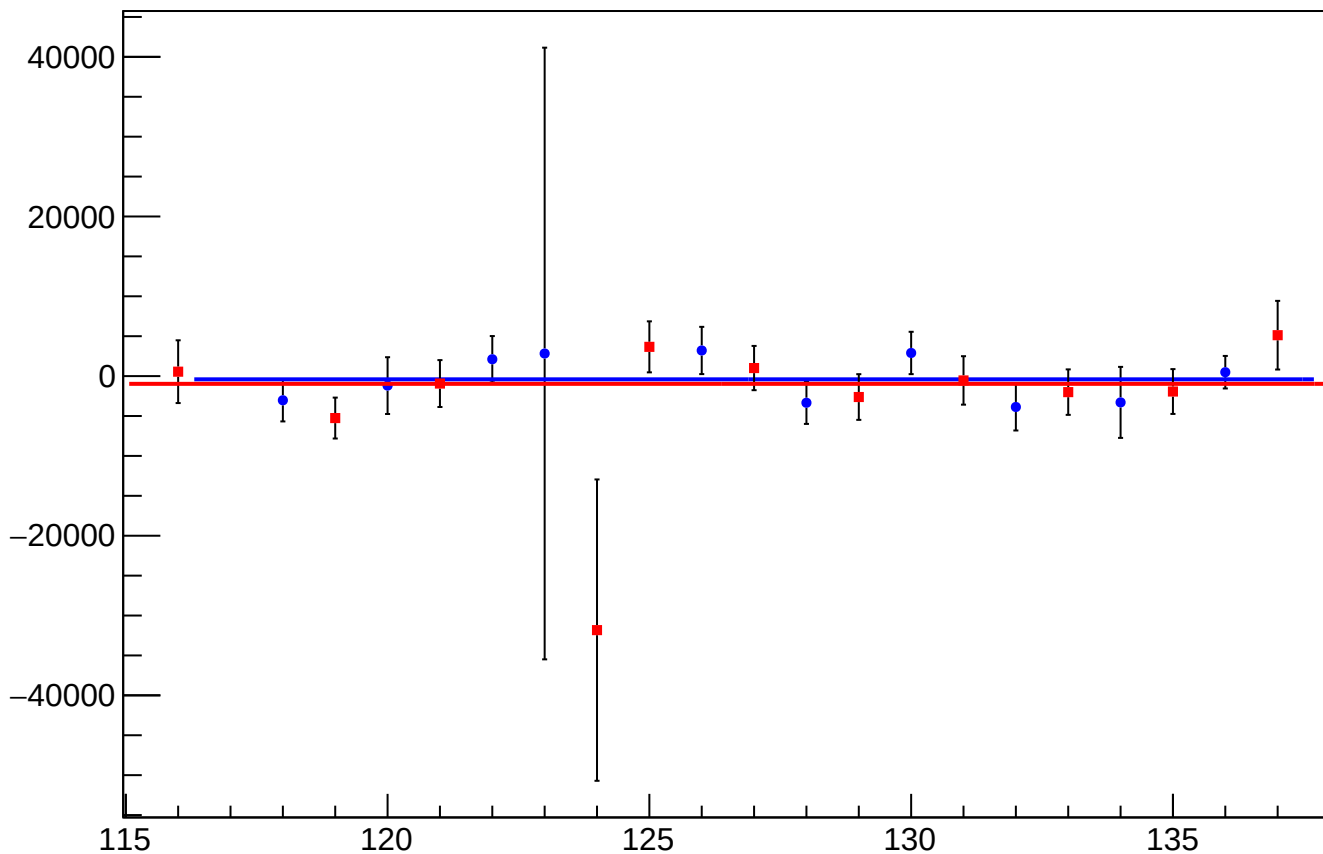
Right: 1991.647+/-0.501 χ^2/NDF : 218914.7/20

In: 1993.611+/-0.704 χ^2/NDF : 50581.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.647+/-0.501 χ^2/NDF : 218914.7/20

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -404.133+/-934.260 χ^2/NDF : 8.1/9

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

Right Out: -970.441+/-954.290 χ^2/NDF : 10.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

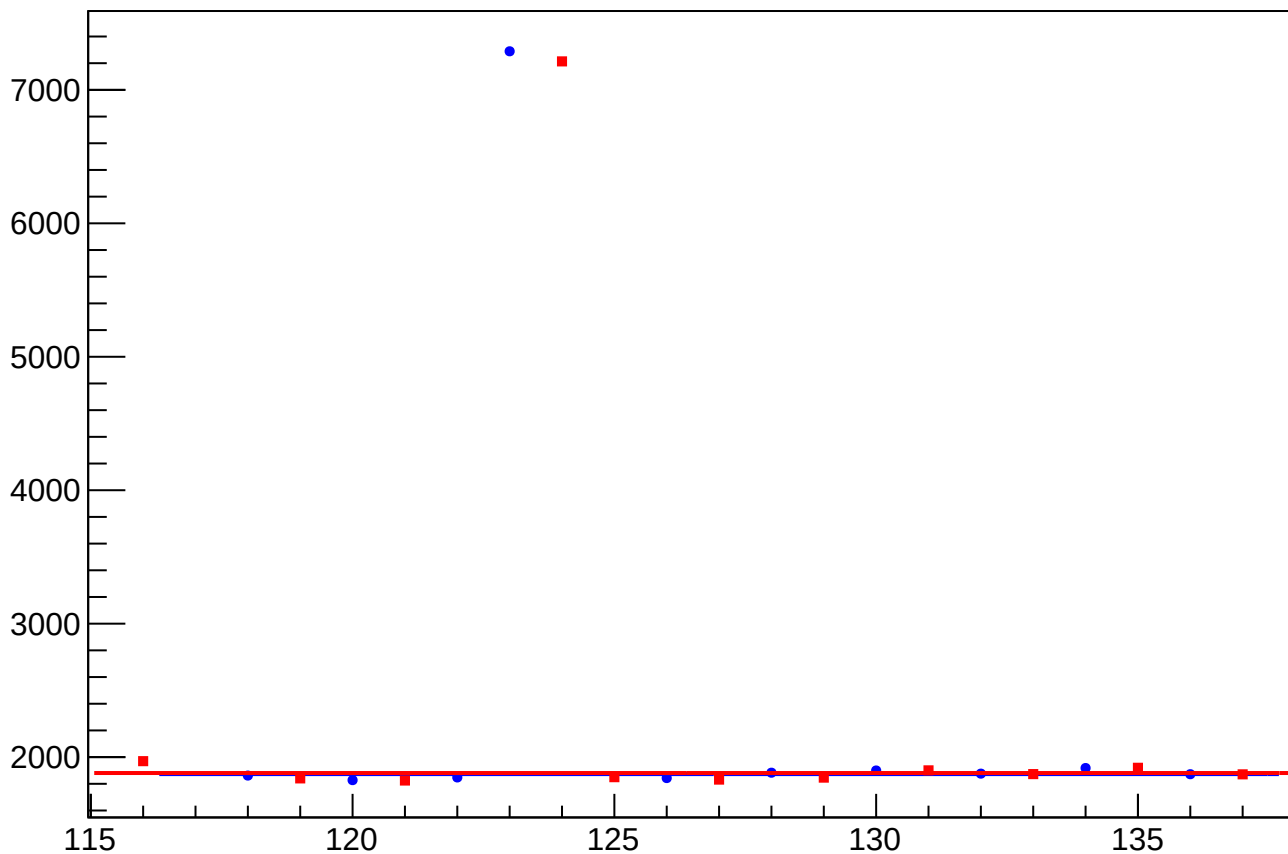
Right: -681.281+/-667.591 χ^2/NDF : 19.1/20

In: -404.133+/-934.260 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -681.281+/-667.591 χ^2/NDF : 19.1/20

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1872.751+/-0.661 χ^2/NDF : 41114.1/9

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

Right Out: 1880.842+/-0.675 χ^2/NDF : 163431.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

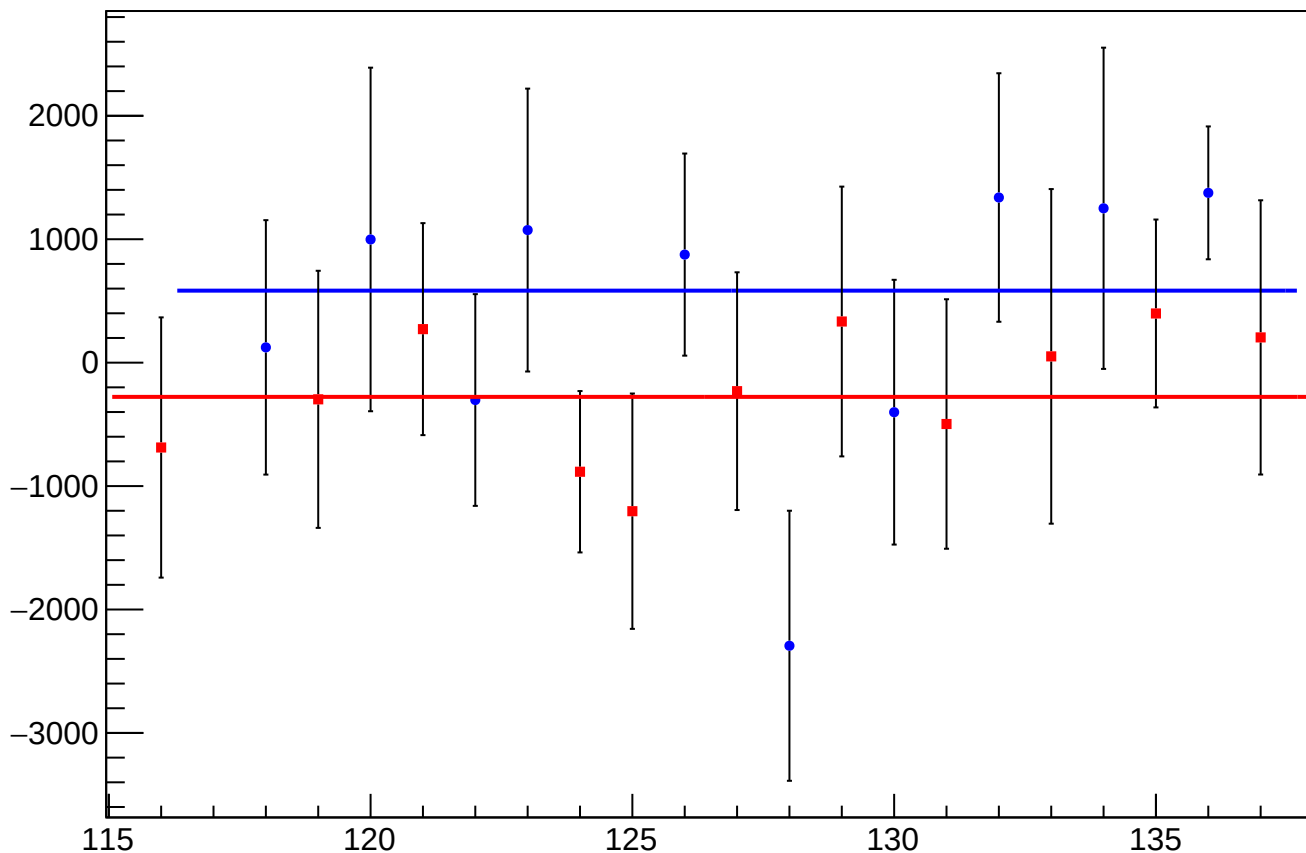
Right: 1876.711+/-0.472 χ^2/NDF : 204618.7/20

In: 1872.751+/-0.661 χ^2/NDF : 41114.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.711+/-0.472 χ^2/NDF : 204618.7/20

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 583.459+/-291.057 χ^2/NDF : 12.4/9

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

Right Out: -277.245+/-281.797 χ^2/NDF : 3.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

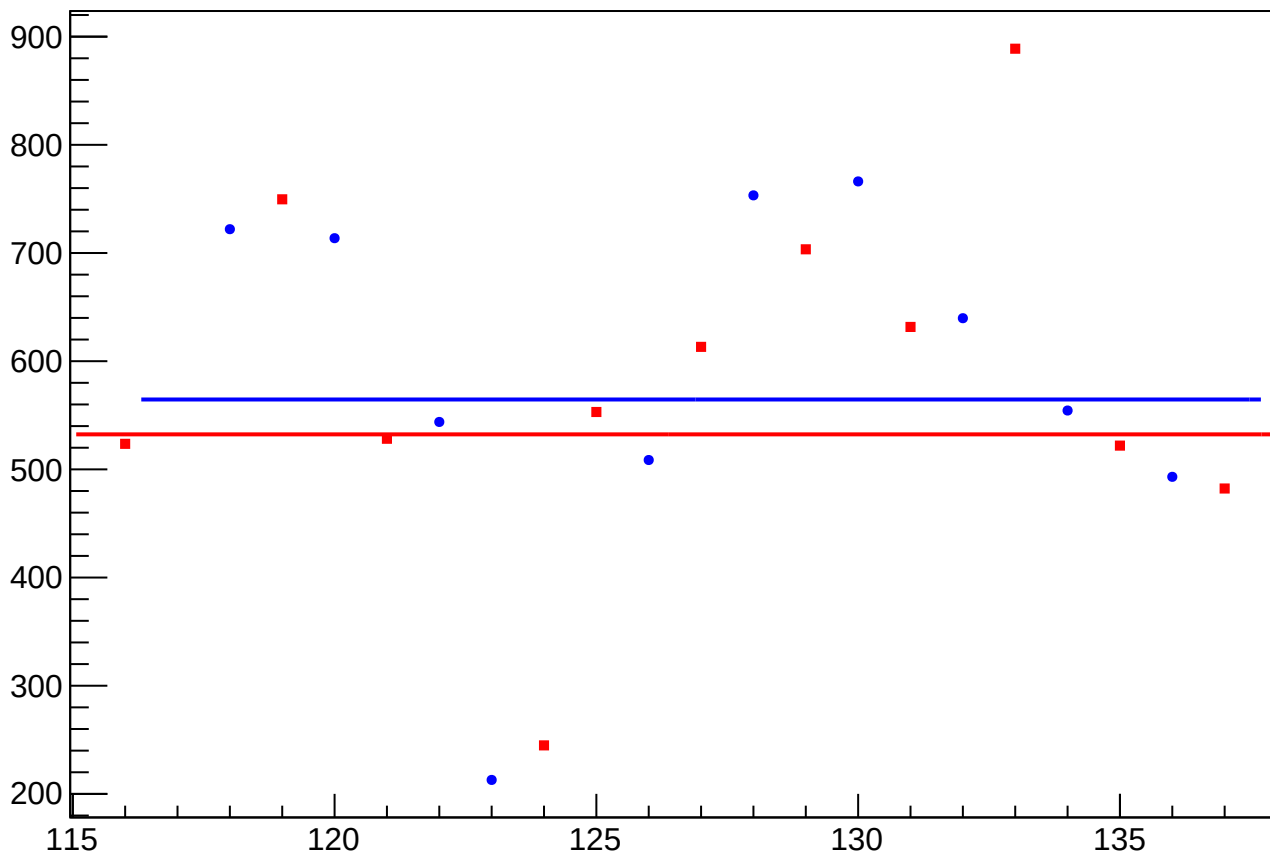
Right: 139.197+/-202.455 χ^2/NDF : 20.7/20

In: 583.459+/-291.057 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.197+/-202.455 χ^2/NDF : 20.7/20

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 564.592+/-0.206 χ^2/NDF : 445147.0/9

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

Right Out: 532.360+/-0.199 χ^2/NDF : 700231.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

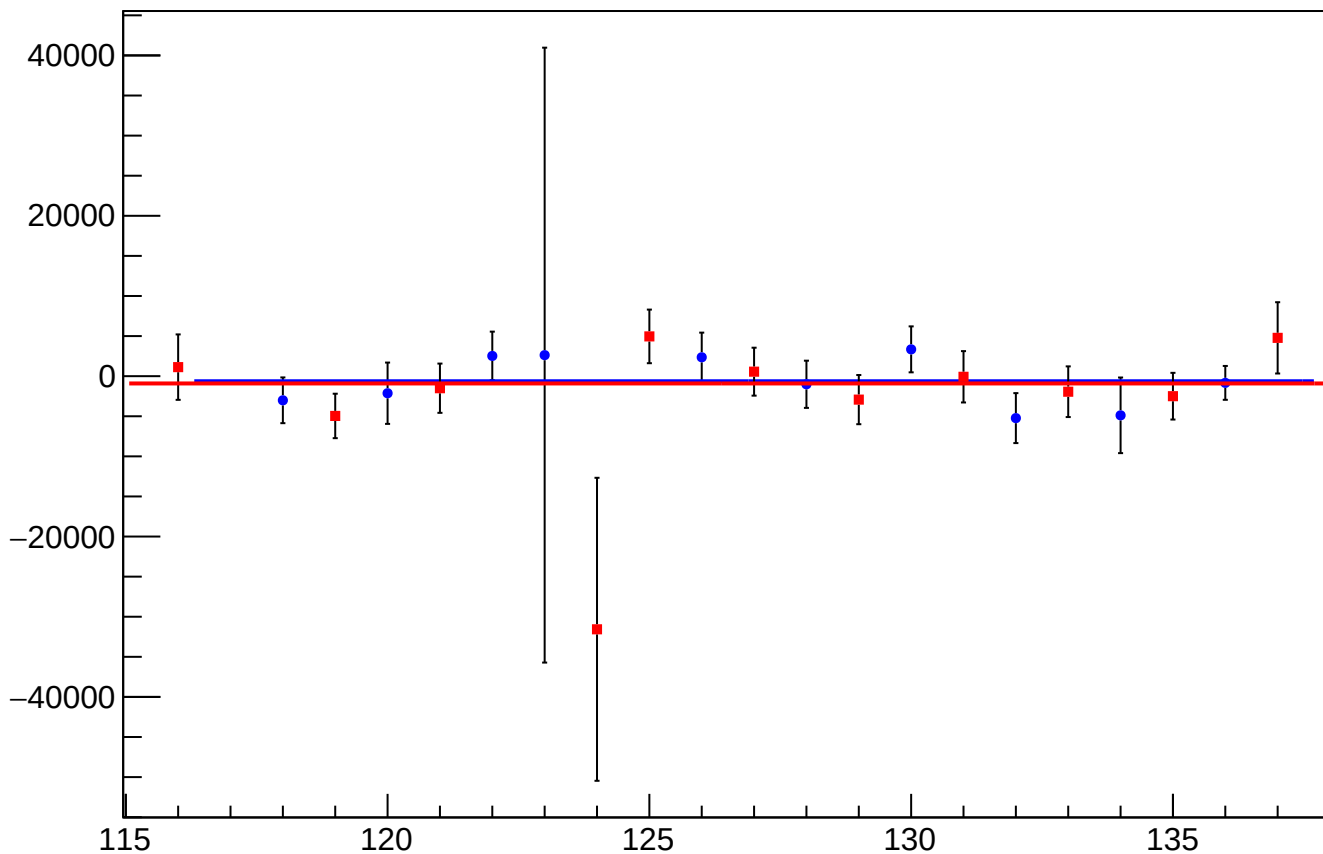
Right: 547.955+/-0.143 χ^2/NDF : 1158037.8/20

In: 564.592+/-0.206 χ^2/NDF : 445147.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.955+/-0.143 χ^2/NDF : 1158037.8/20

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -634.648+/-992.008 χ^2/NDF : 7.8/9

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

Right Out: -908.415+/-1013.746 χ^2/NDF : 10.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

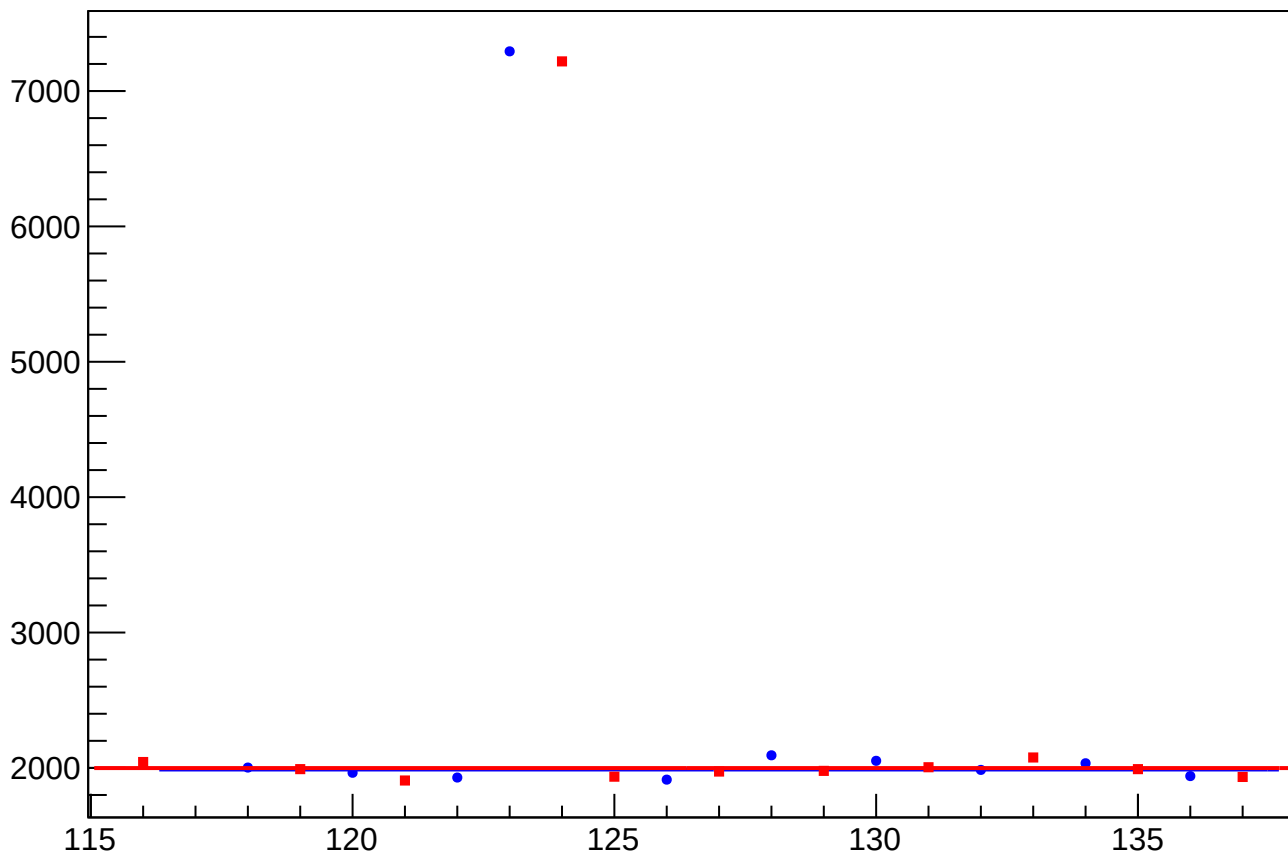
Right: -768.565+/-709.016 χ^2/NDF : 18.8/20

In: -634.648+/-992.008 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.565+/-709.016 χ^2/NDF : 18.8/20

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1988.365+/-0.701 χ^2/NDF : 45163.8/9

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

Right Out: 1998.752+/-0.717 χ^2/NDF : 157369.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

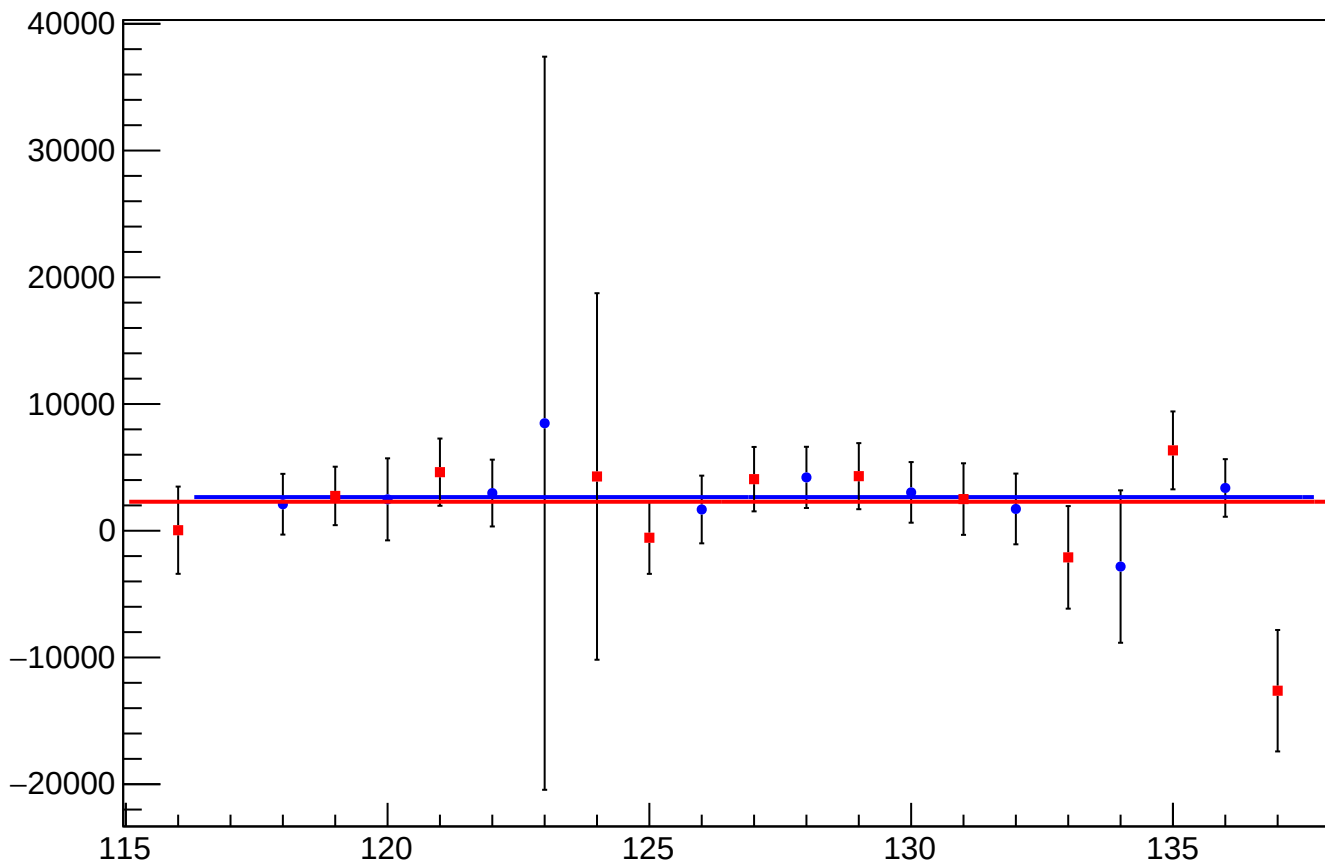
Right: 1993.446+/-0.501 χ^2/NDF : 202640.8/20

In: 1988.365+/-0.701 χ^2/NDF : 45163.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.446+/-0.501 χ^2/NDF : 202640.8/20

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2655.267+/-894.144 χ^2/NDF : 1.7/9

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

Right Out: 2288.355+/-920.456 χ^2/NDF : 15.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

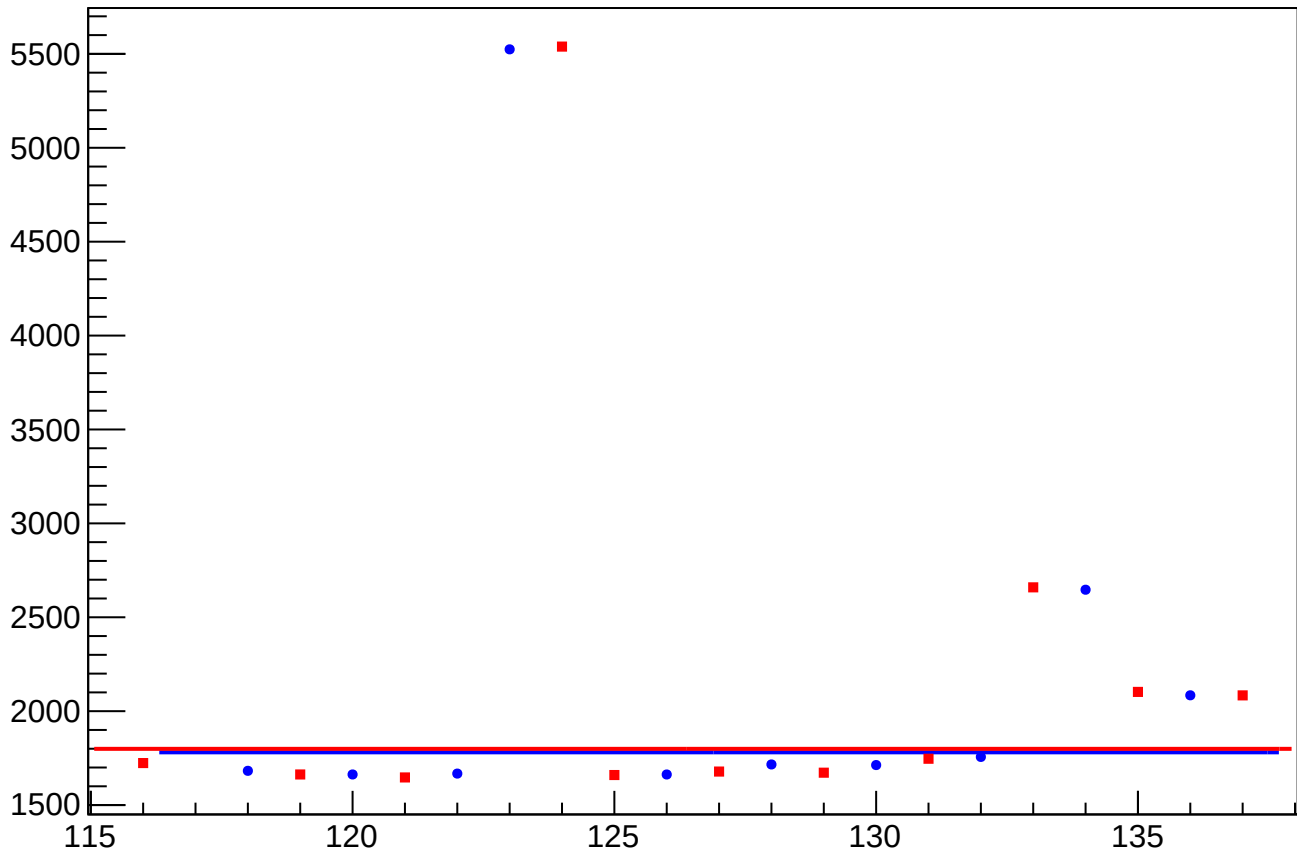
Right: 2477.131+/-641.355 χ^2/NDF : 17.8/20

In: 2655.267+/-894.144 χ^2/NDF : 1.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2477.131+/-641.355 χ^2/NDF : 17.8/20

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1780.784+/-0.632 χ^2/NDF : 127469.5/9

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

Right Out: 1799.425+/-0.651 χ^2/NDF : 279891.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

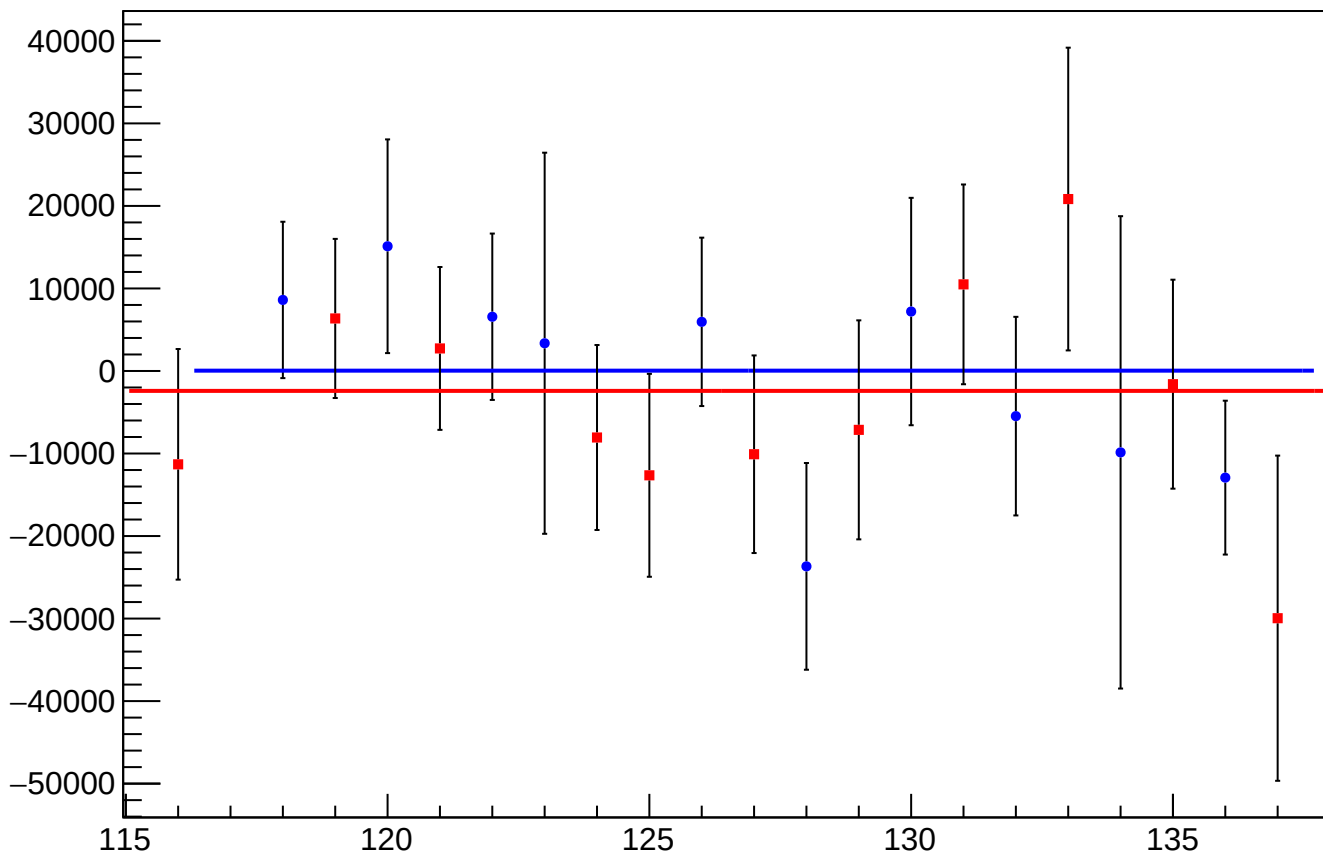
Right: 1789.834+/-0.454 χ^2/NDF : 407782.5/20

In: 1780.784+/-0.632 χ^2/NDF : 127469.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1789.834+/-0.454 χ^2/NDF : 407782.5/20

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 39.098+/-3787.458 χ^2/NDF : 9.1/9

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

Right Out: -2412.295+/-3726.715 χ^2/NDF : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

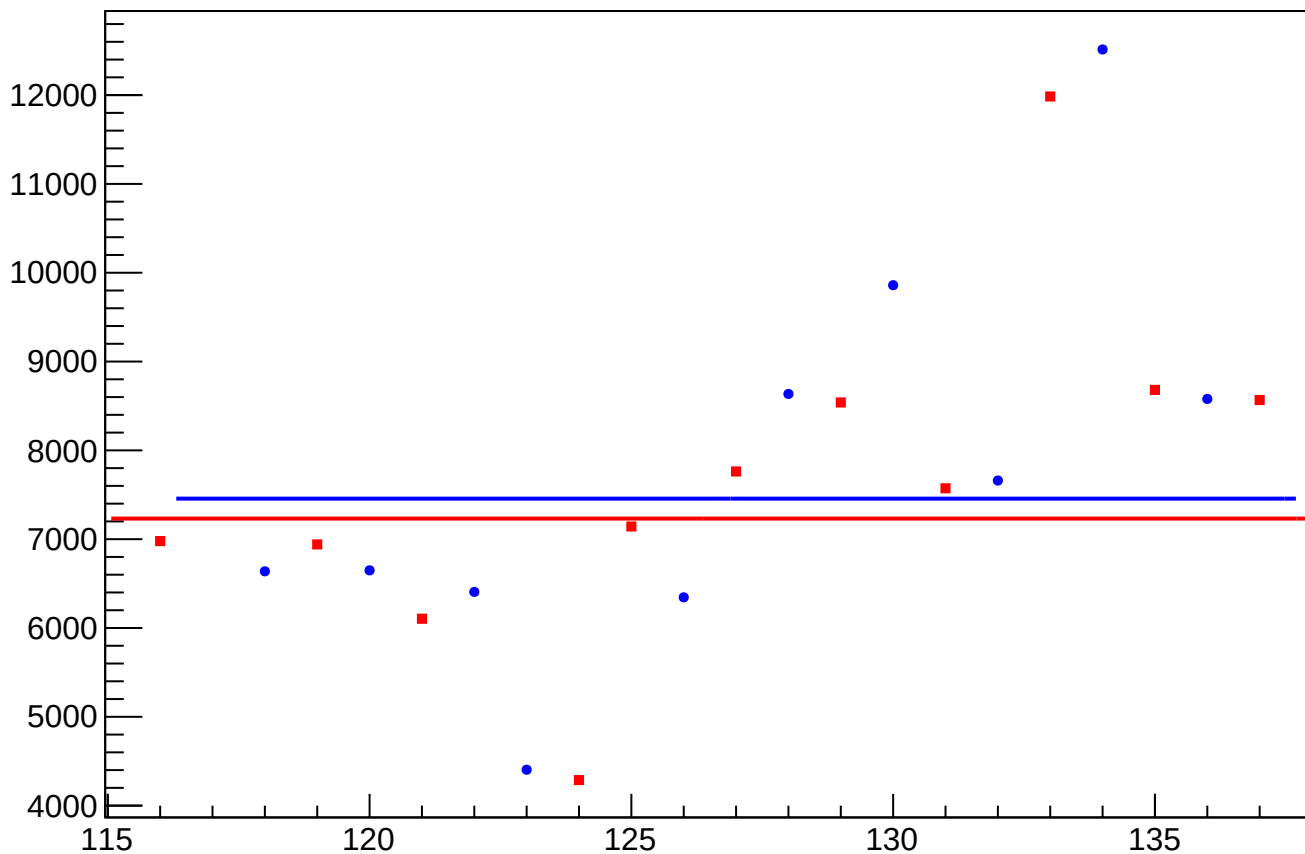
Right: -1206.413+/-2656.401 χ^2/NDF : 17.0/20

In: 39.098+/-3787.458 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1206.413+/-2656.401 χ^2/NDF : 17.0/20

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7456.551+/-2.678 χ^2/NDF : 273673.9/9

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

Right Out: 7232.103+/-2.635 χ^2/NDF : 361361.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

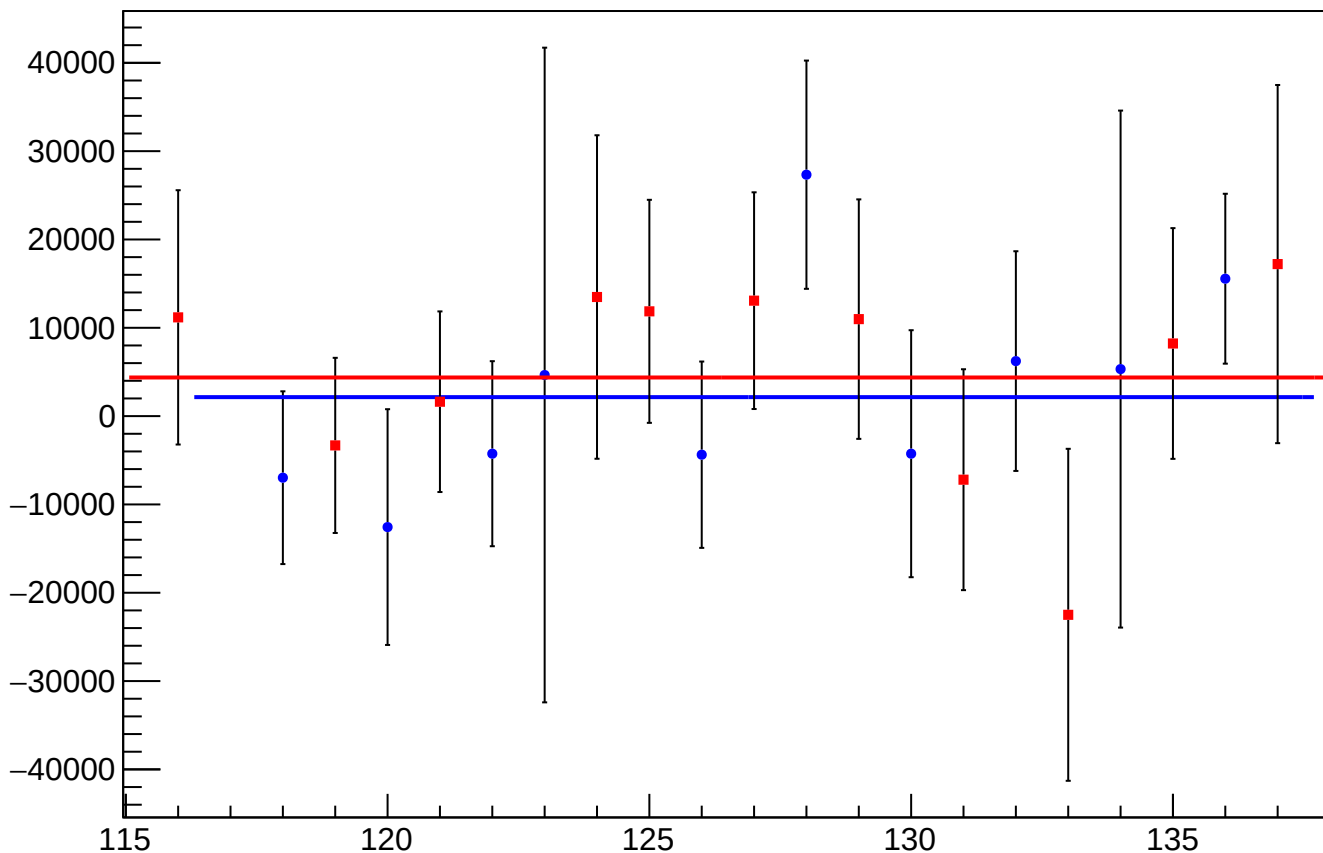
Right: 7342.513+/-1.878 χ^2/NDF : 638603.8/20

In: 7456.551+/-2.678 χ^2/NDF : 273673.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7342.513+/-1.878 χ^2/NDF : 638603.8/20

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2149.291+/-3939.418 χ^2/NDF : 8.9/9

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

Right Out: 4373.554+/-3971.071 χ^2/NDF : 5.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

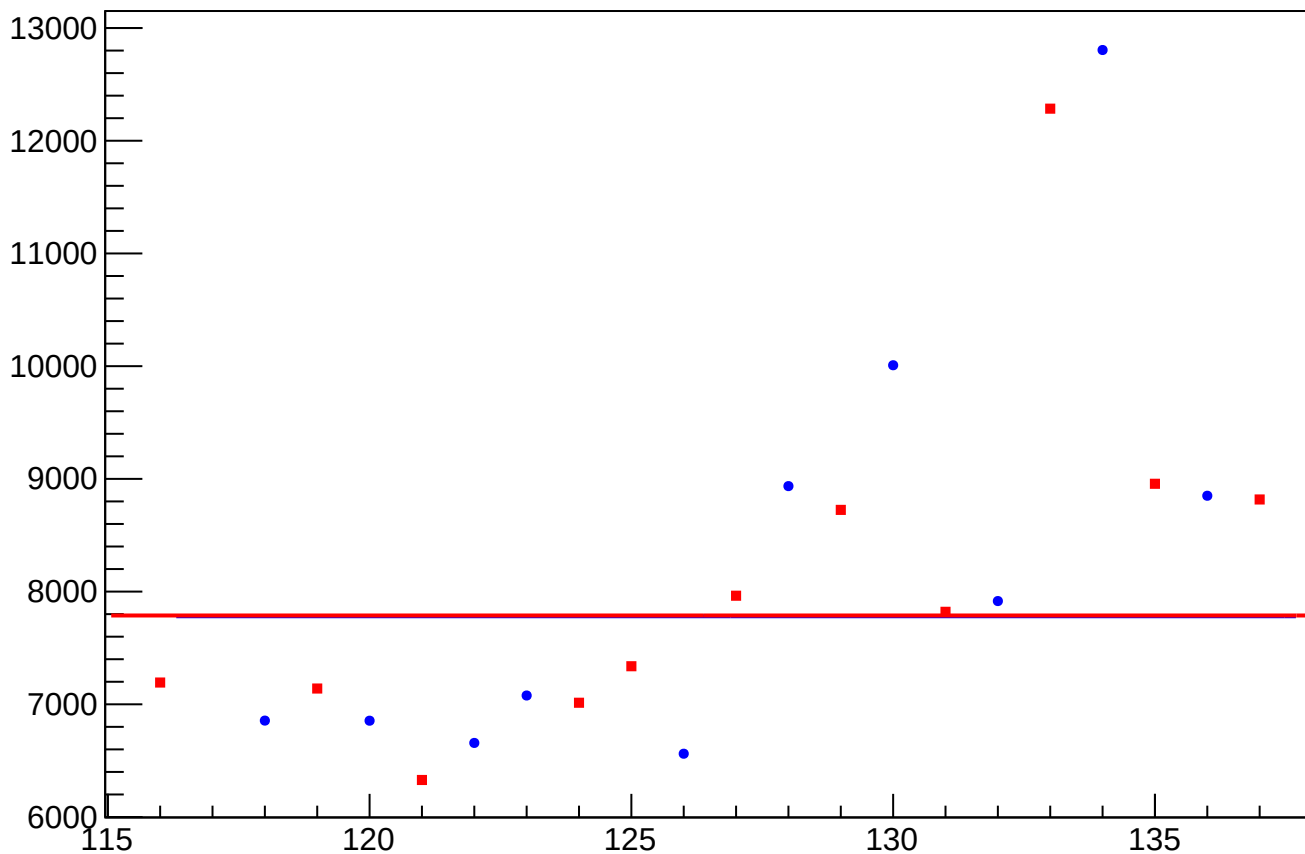
Right: 3252.522+/-2796.713 χ^2/NDF : 14.7/20

In: 2149.291+/-3939.418 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3252.522+/-2796.713 χ^2/NDF : 14.7/20

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7781.309+/-2.786 χ^2/NDF : 228591.1/9

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

Right Out: 7788.030+/-2.808 χ^2/NDF : 204418.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

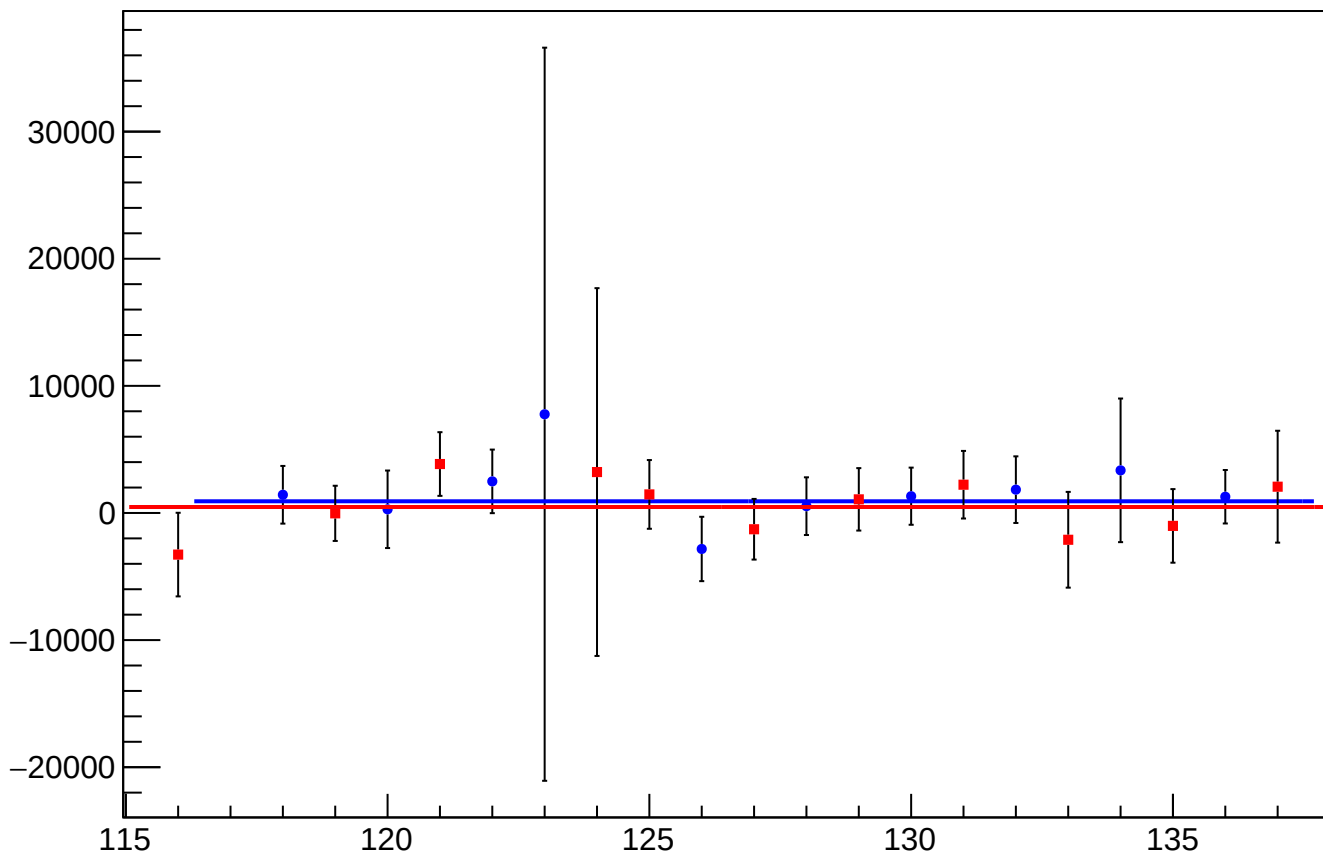
Right: 7784.642+/-1.978 χ^2/NDF : 433012.8/20

In: 7781.309+/-2.786 χ^2/NDF : 228591.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7784.642+/-1.978 χ^2/NDF : 433012.8/20

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 919.327+/-840.986 χ^2/NDF : 3.1/9

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

Right Out: 469.154+/-867.126 χ^2/NDF : 5.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

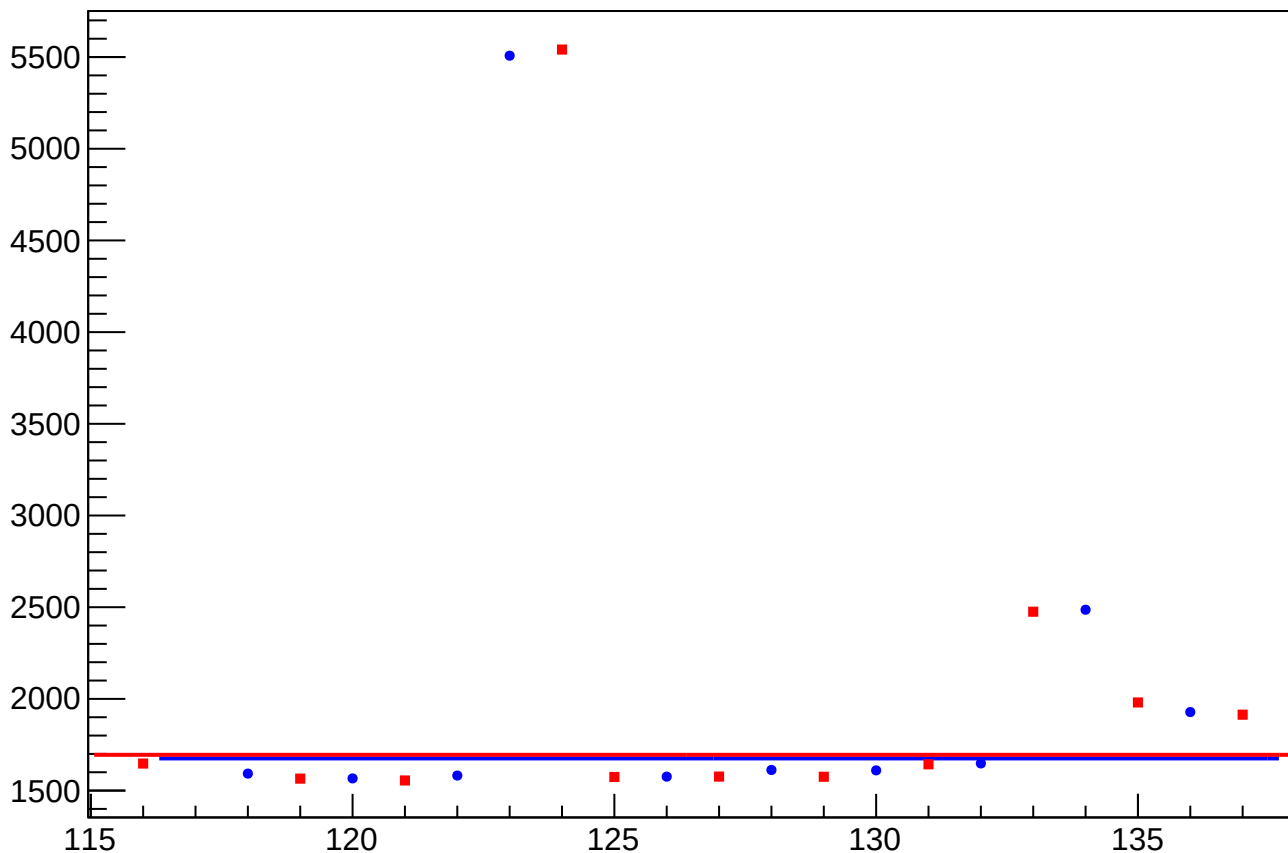
Right: 701.128+/-603.697 χ^2/NDF : 8.5/20

In: 919.327+/-840.986 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.128+/-603.697 χ^2/NDF : 8.5/20

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1675.305+/-0.595 χ^2/NDF : 119935.1/9

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

Right Out: 1695.005+/-0.613 χ^2/NDF : 279852.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

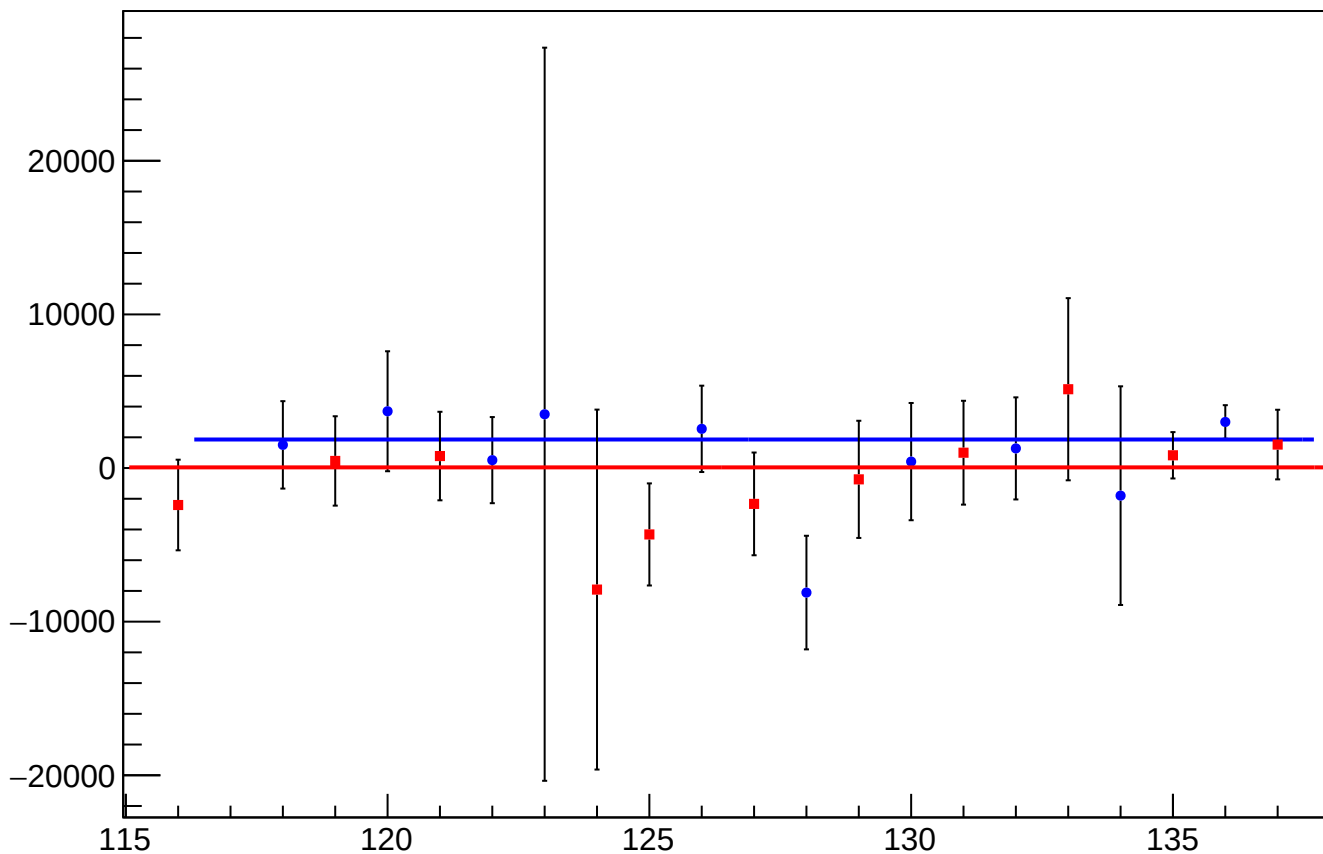
Right: 1684.853+/-0.427 χ^2/NDF : 400319.2/20

In: 1675.305+/-0.595 χ^2/NDF : 119935.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.853+/-0.427 χ^2/NDF : 400319.2/20

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 1857.144+/-807.577 χ^2/NDF : 9.3/9

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

Right Out: 42.855+/-857.623 χ^2/NDF : 5.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

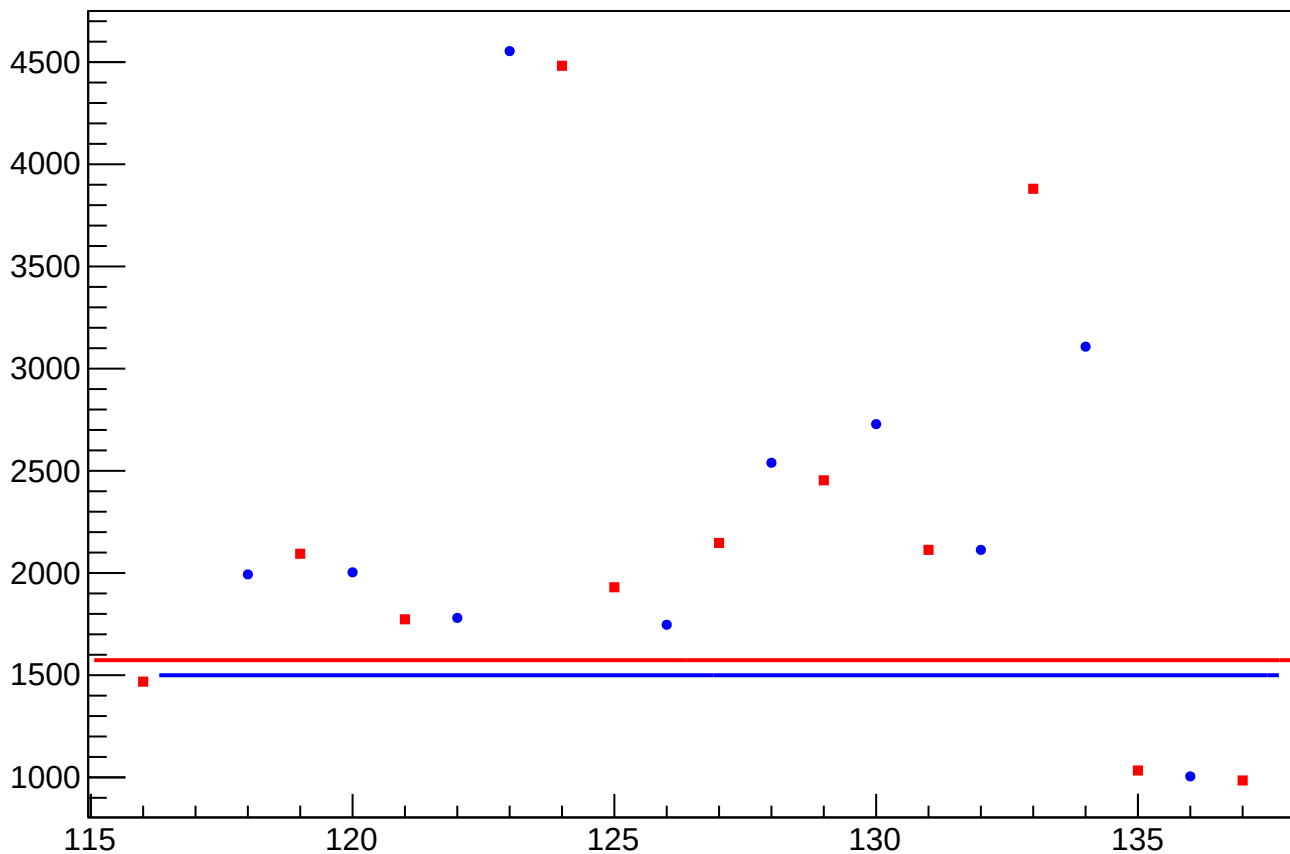
Right: 1004.478+/-587.940 χ^2/NDF : 16.7/20

In: 1857.144+/-807.577 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.478+/-587.940 χ^2/NDF : 16.7/20

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1499.749+/-0.571 χ^2/NDF : 1107148.0/9

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

Right Out: 1573.457+/-0.606 χ^2/NDF : 1132559.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

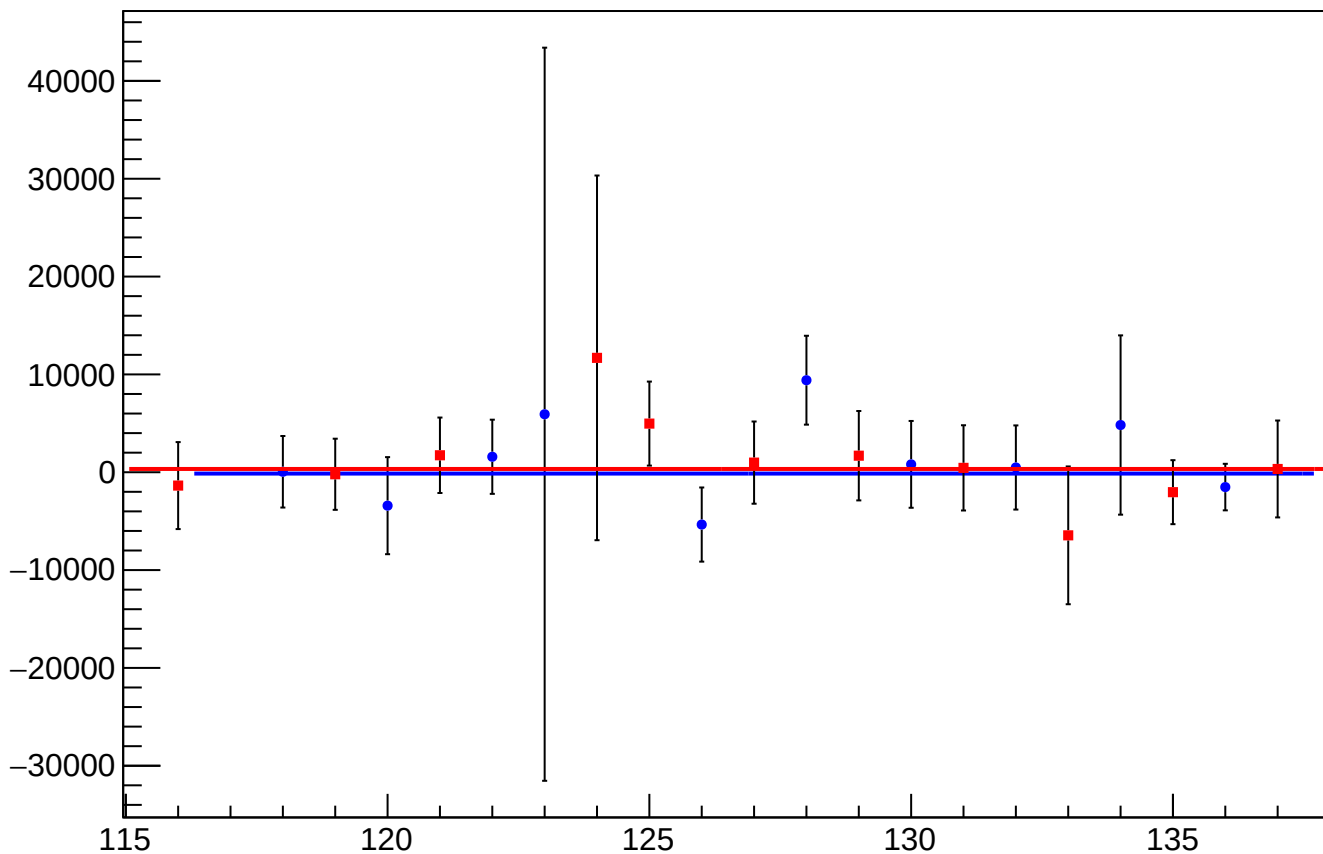
Right: 1534.390+/-0.416 χ^2/NDF : 2247537.2/20

In: 1499.749+/-0.571 χ^2/NDF : 1107148.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1534.390+/-0.416 χ^2/NDF : 2247537.2/20

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -135.378+/-1293.754 χ^2/NDF : 7.7/9

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

Right Out: 335.420+/-1333.568 χ^2/NDF : 3.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

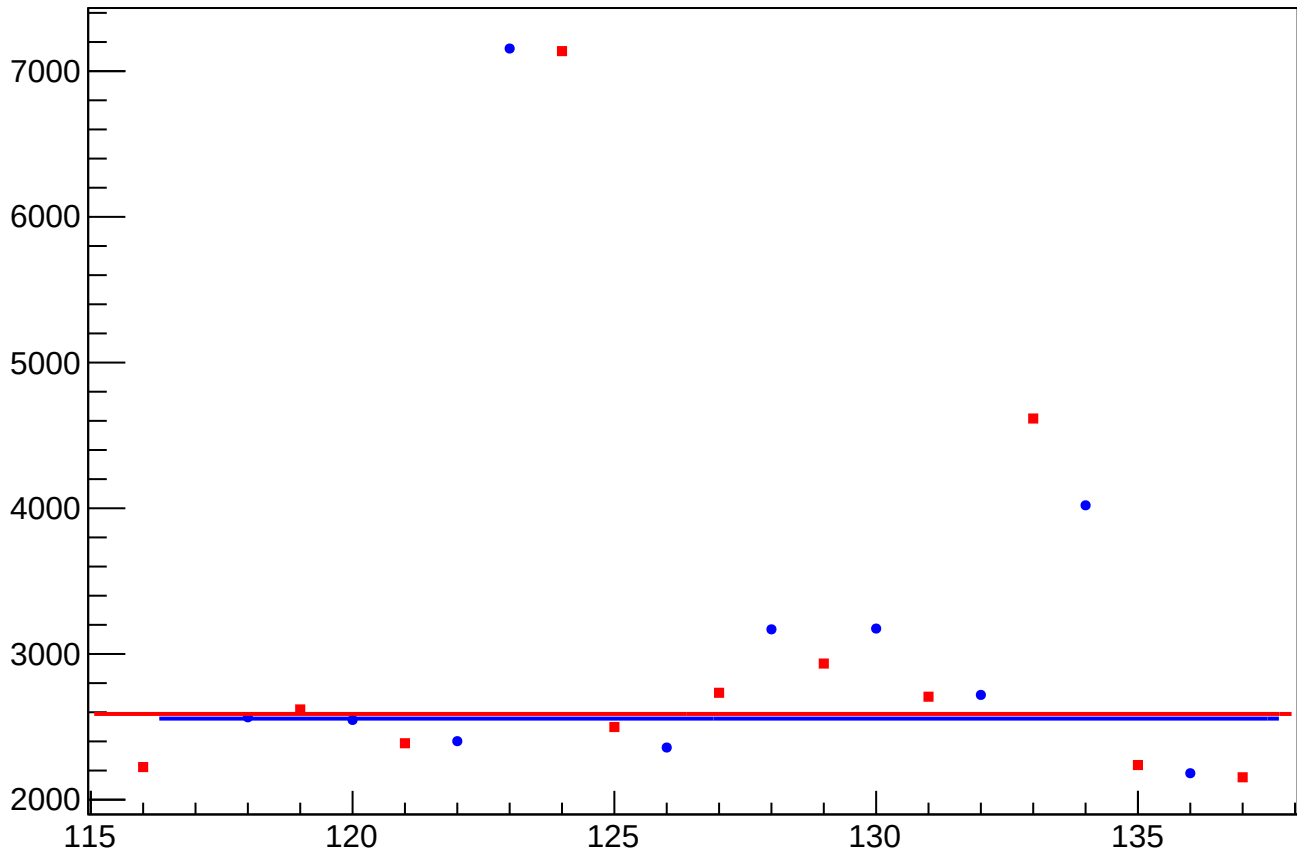
Right: 92.888+/-928.578 χ^2/NDF : 11.1/20

In: -135.378+/-1293.754 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.888+/-928.578 χ^2/NDF : 11.1/20

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2556.528+/-0.915 χ^2/NDF : 217772.9/9

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

Right Out: 2588.449+/-0.943 χ^2/NDF : 358598.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

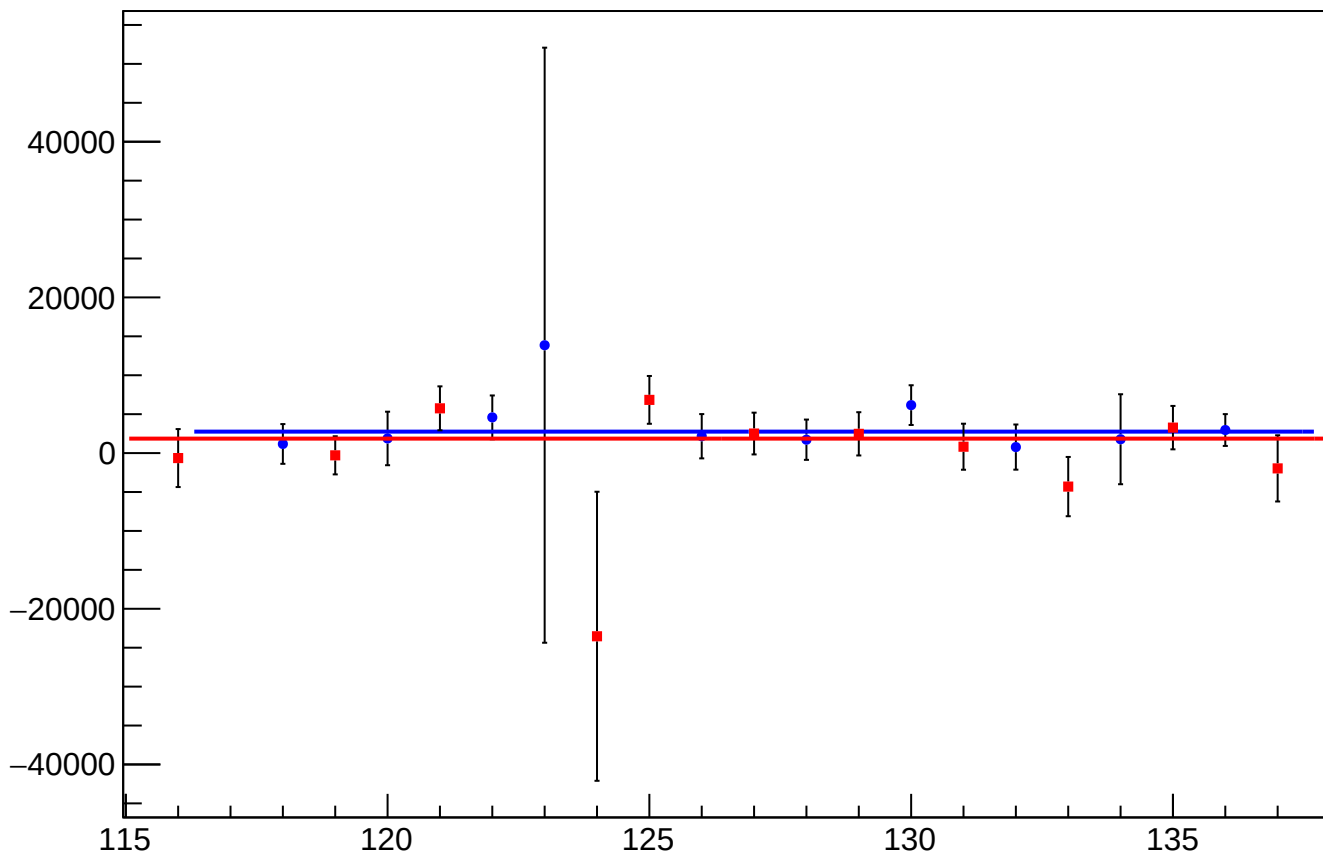
Right: 2572.005+/-0.657 χ^2/NDF : 576961.2/20

In: 2556.528+/-0.915 χ^2/NDF : 217772.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2572.005+/-0.657 χ^2/NDF : 576961.2/20

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2758.299+/-920.747 χ^2/NDF : 3.4/9

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

Right Out: 1859.804+/-949.538 χ^2/NDF : 11.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

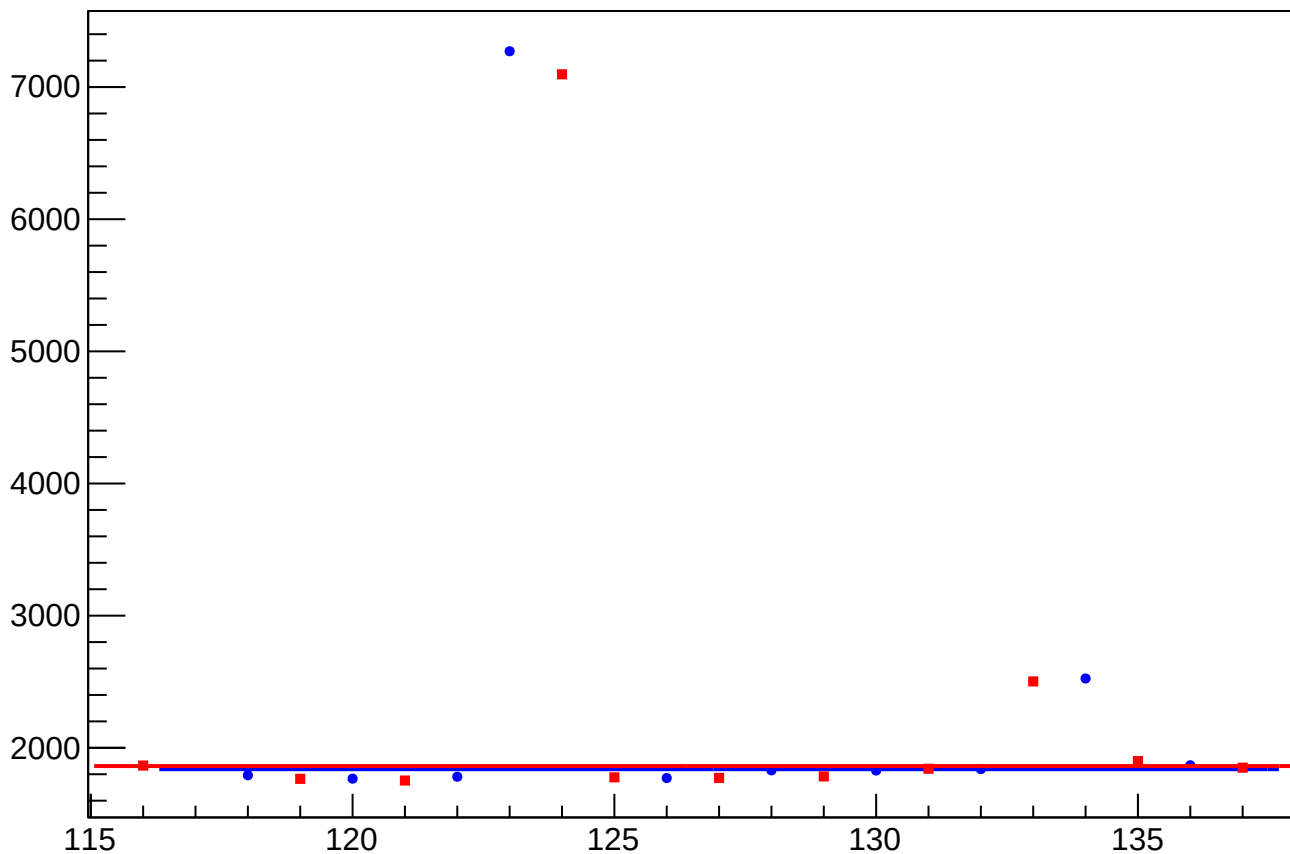
Right: 2322.880+/-661.011 χ^2/NDF : 15.4/20

In: 2758.299+/-920.747 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.880+/-661.011 χ^2/NDF : 15.4/20

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1838.275+/-0.651 χ^2/NDF : 72512.8/9

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

Right Out: 1861.900+/-0.671 χ^2/NDF : 227539.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

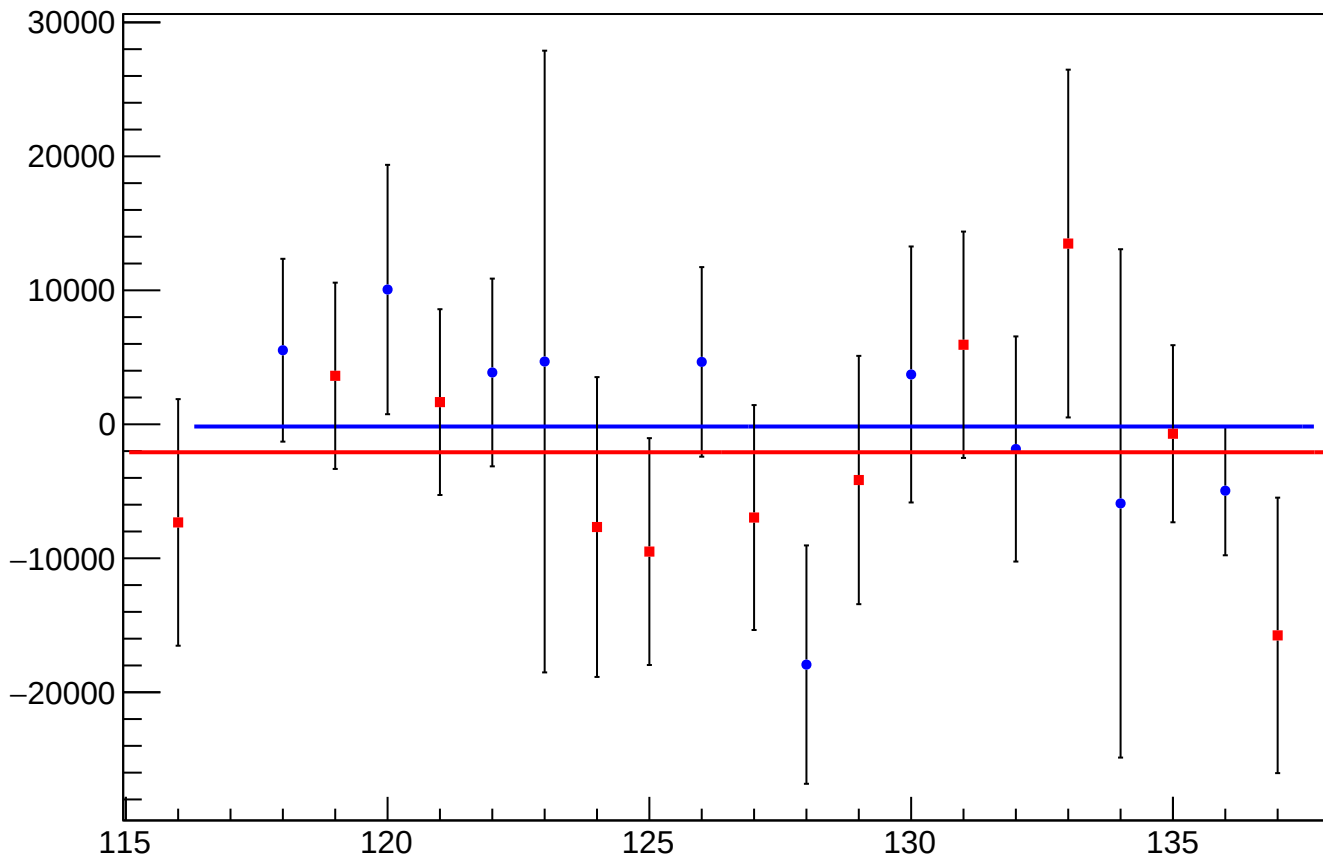
Right: 1849.724+/-0.467 χ^2/NDF : 300690.4/20

In: 1838.275+/-0.651 χ^2/NDF : 72512.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.724+/-0.467 χ^2/NDF : 300690.4/20

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: -164.703+/-2509.418 χ^2/NDF : 8.0/9

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

Right Out: -2085.720+/-2553.407 χ^2/NDF : 6.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

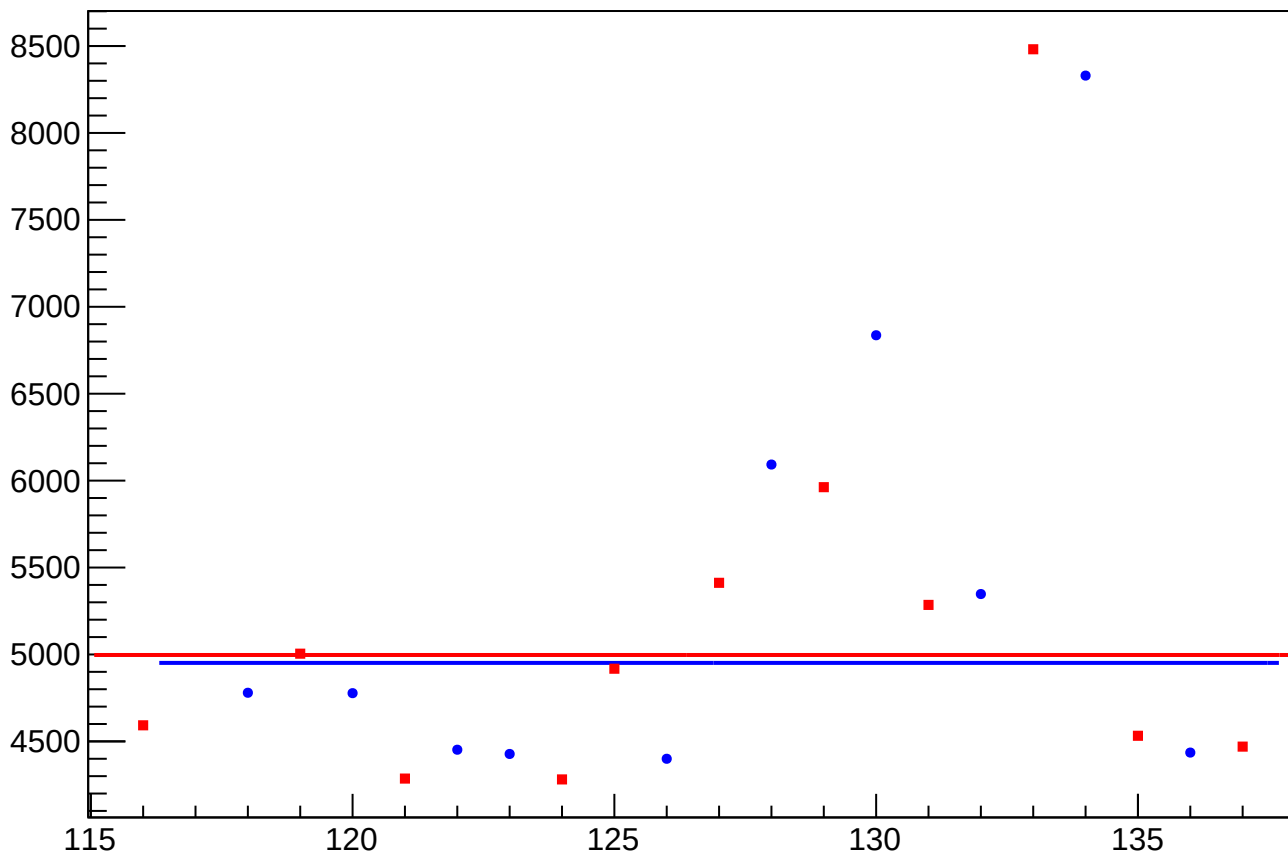
Right: -1108.522+/-1789.776 χ^2/NDF : 15.2/20

In: -164.703+/-2509.418 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1108.522+/-1789.776 χ^2/NDF : 15.2/20

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 4951.504+/-1.774 χ^2/NDF : 226811.4/9

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

Right Out: 4997.015+/-1.806 χ^2/NDF : 221461.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

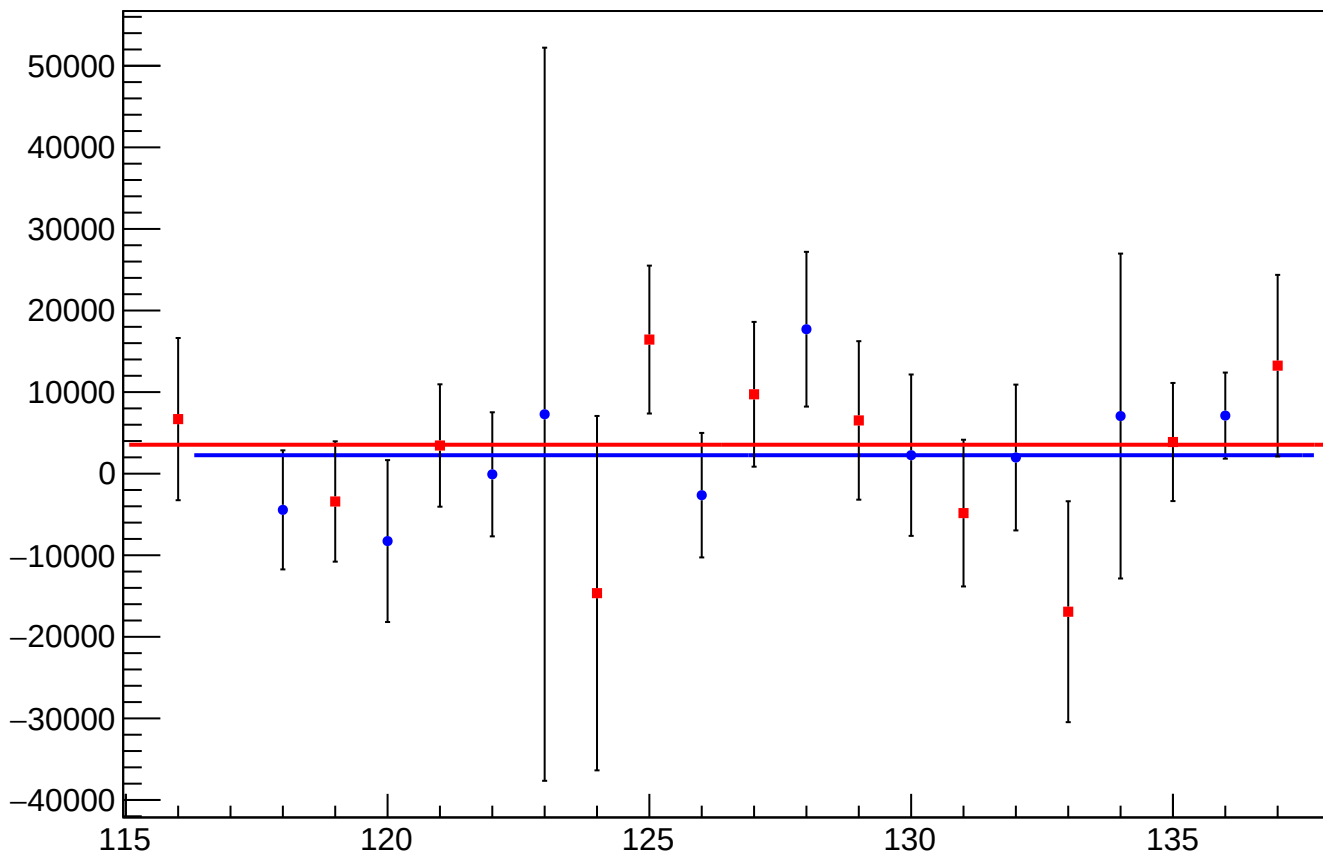
Right: 4973.864+/-1.266 χ^2/NDF : 448596.1/20

In: 4951.504+/-1.774 χ^2/NDF : 226811.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4973.864+/-1.266 χ^2/NDF : 448596.1/20

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2262.575+/-2709.673 χ^2/NDF : 6.0/9

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

Right Out: 3547.182+/-2786.166 χ^2/NDF : 8.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

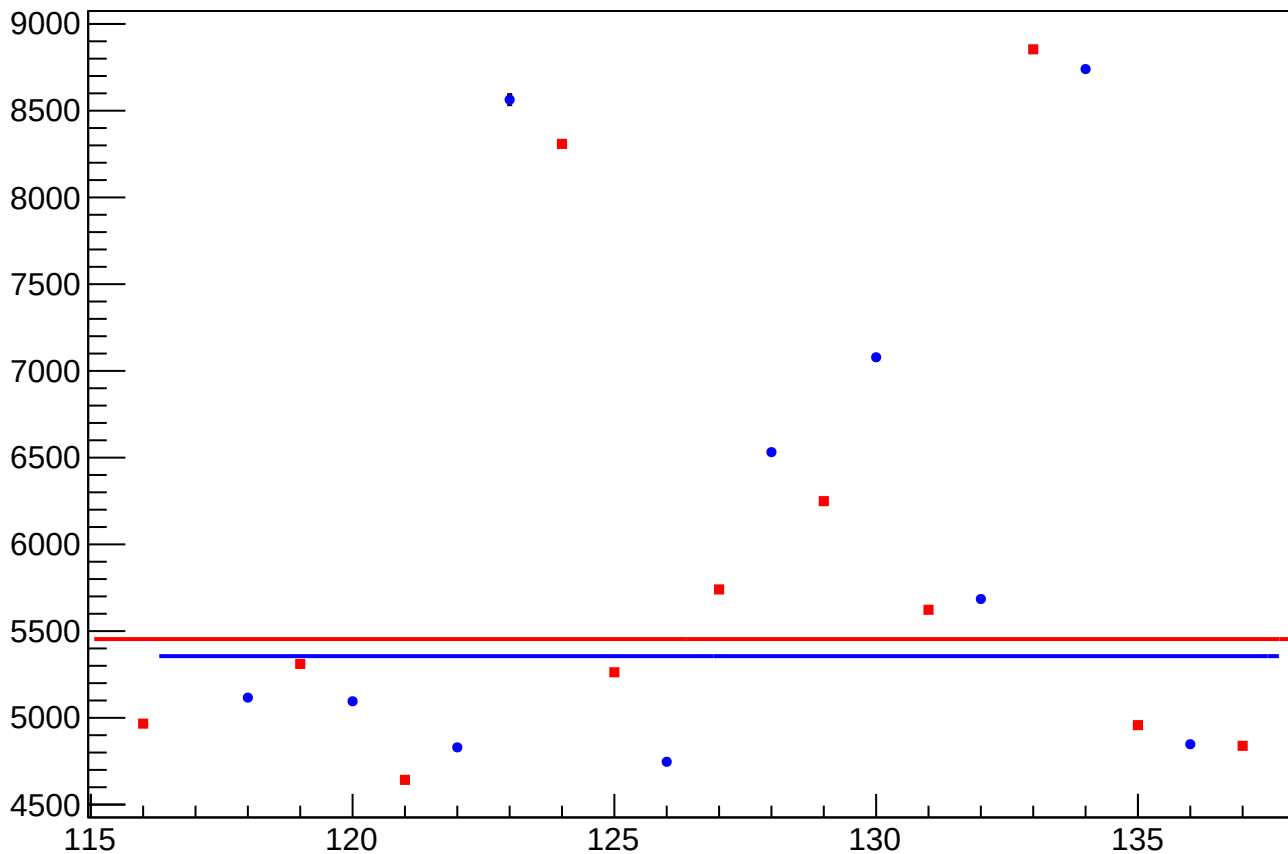
Right: 2887.003+/-1942.508 χ^2/NDF : 14.4/20

In: 2262.575+/-2709.673 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2887.003+/-1942.508 χ^2/NDF : 14.4/20

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 5355.740+/-1.916 χ^2/NDF : 206470.0/9

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

Right Out: 5454.011+/-1.970 χ^2/NDF : 222158.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

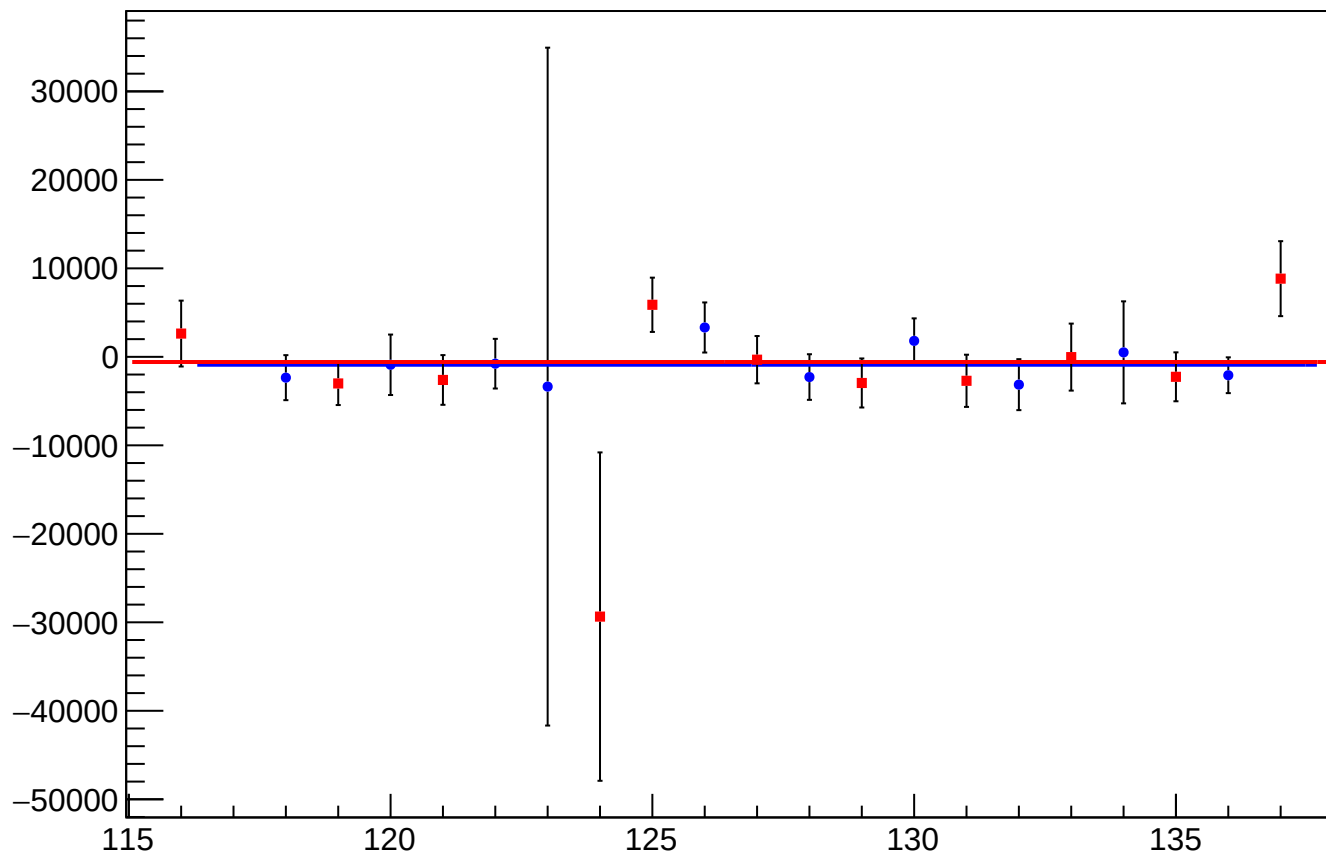
Right: 5403.508+/-1.374 χ^2/NDF : 429907.1/20

In: 5355.740+/-1.916 χ^2/NDF :206470.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5403.508+/-1.374 χ^2/NDF : 429907.1/20

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -890.982+/-915.672 χ^2/NDF : 5.0/9

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

Right Out: -583.455+/-945.958 χ^2/NDF : 15.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

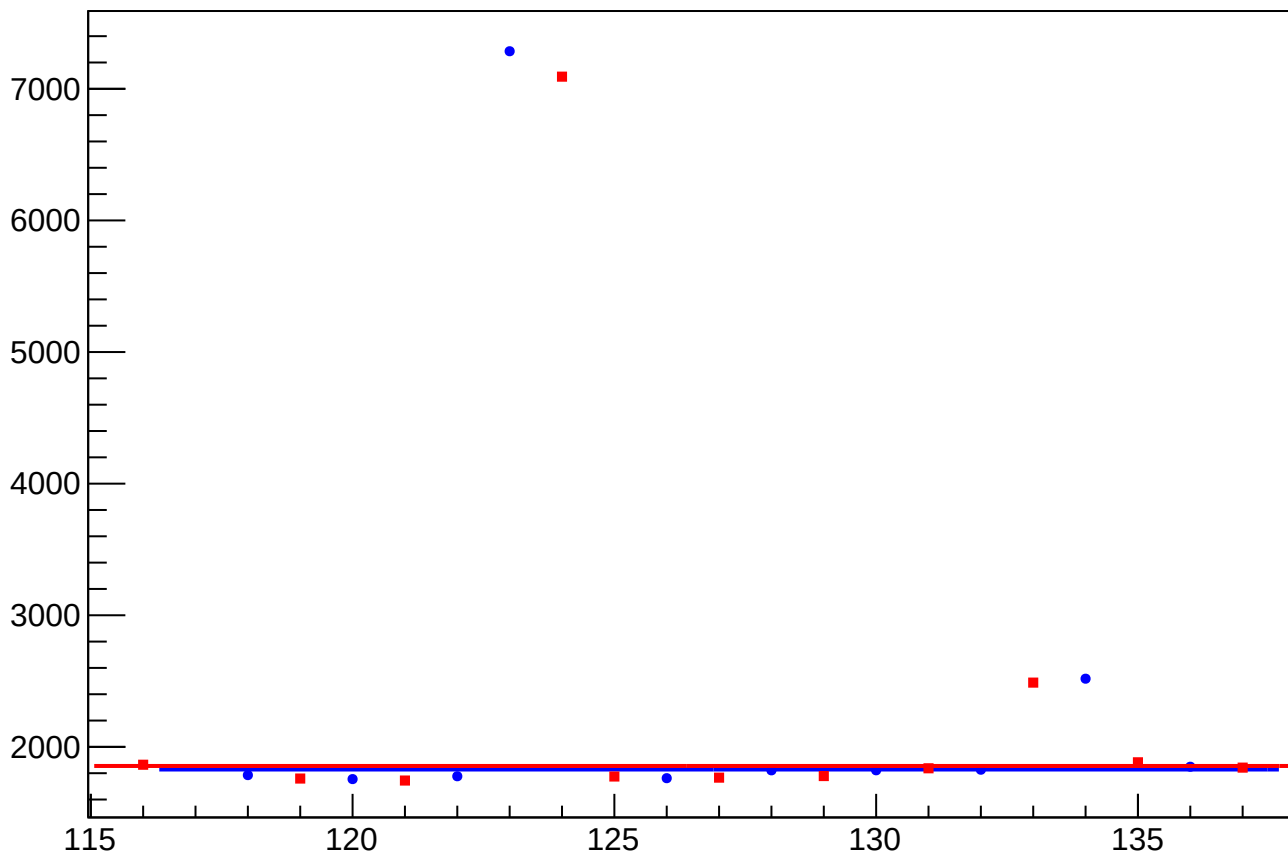
Right: -742.221+/-657.924 χ^2/NDF : 20.7/20

In: -890.982+/-915.672 χ^2/NDF :5.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -742.221+/-657.924 χ^2/NDF : 20.7/20

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1828.080+/-0.647 χ^2/NDF : 72708.9/9

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

Right Out: 1854.958+/-0.669 χ^2/NDF : 226877.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

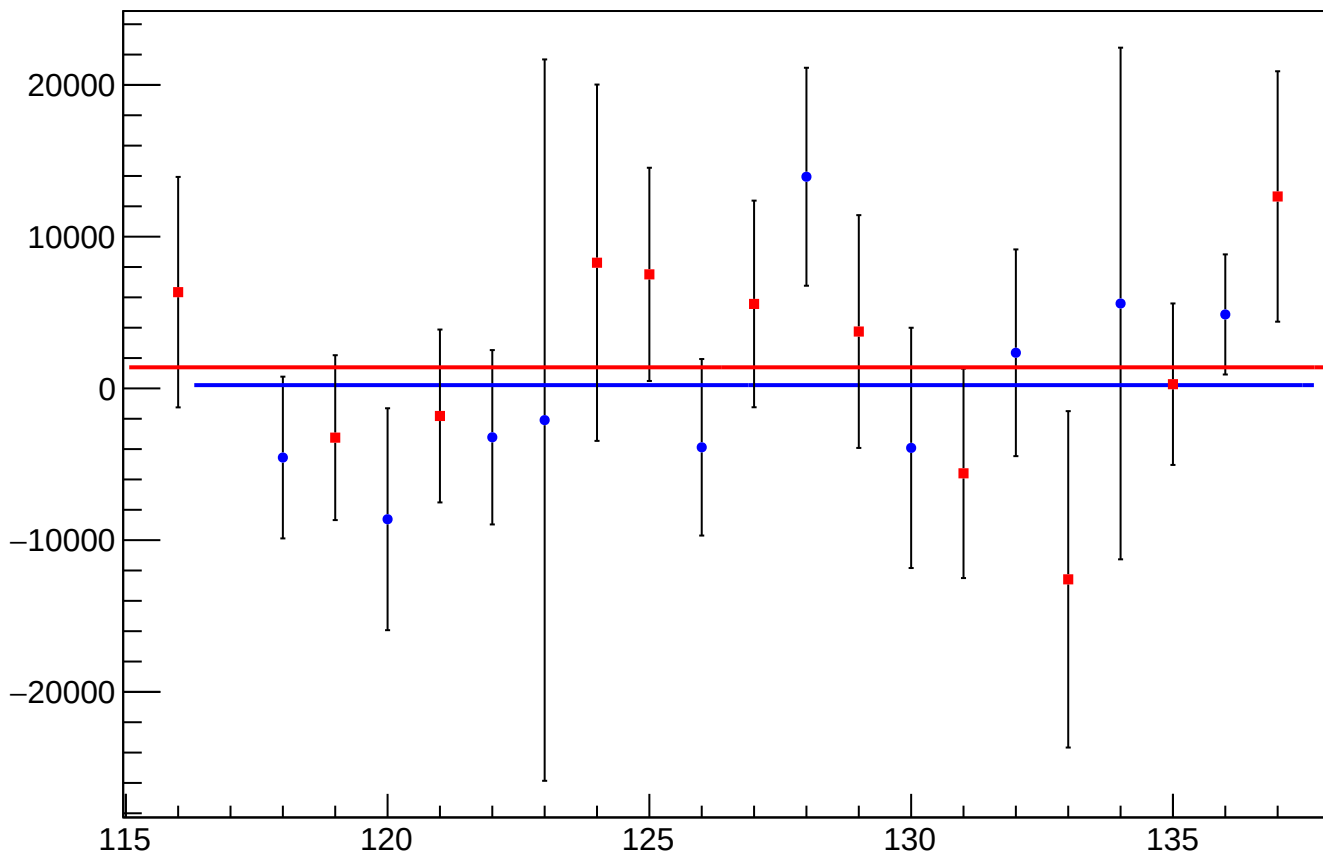
Right: 1841.082+/-0.465 χ^2/NDF : 300420.2/20

In: 1828.080+/-0.647 χ^2/NDF : 72708.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.082+/-0.465 χ^2/NDF : 300420.2/20

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 215.843+/-2042.250 χ^2/NDF : 8.6/9

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

Right Out: 1390.145+/-2097.787 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

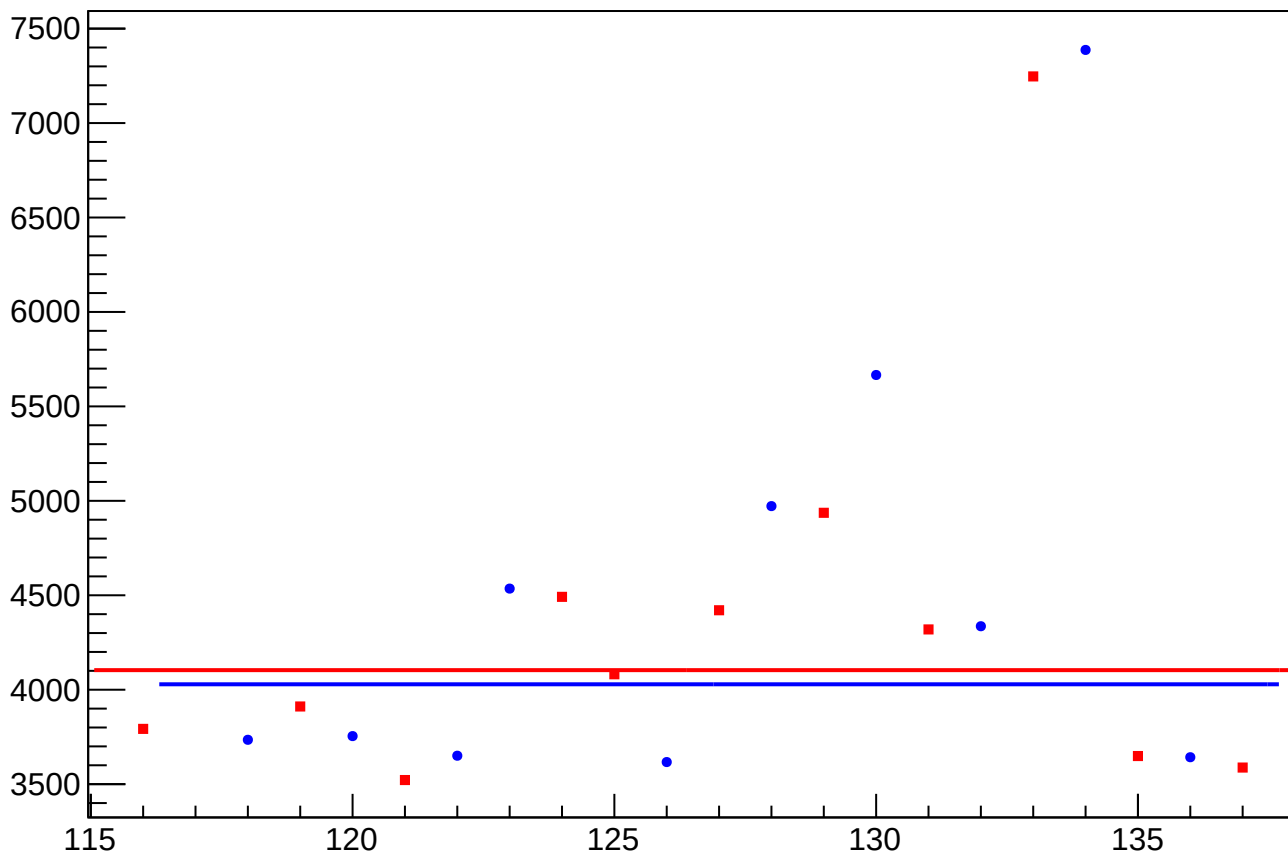
Right: 787.244+/-1463.329 χ^2/NDF : 16.4/20

In: 215.843+/-2042.250 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.244+/-1463.329 χ^2/NDF : 16.4/20

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4028.762+/-1.444 χ^2/NDF : 251004.1/9

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

Right Out: 4103.657+/-1.483 χ^2/NDF : 242035.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

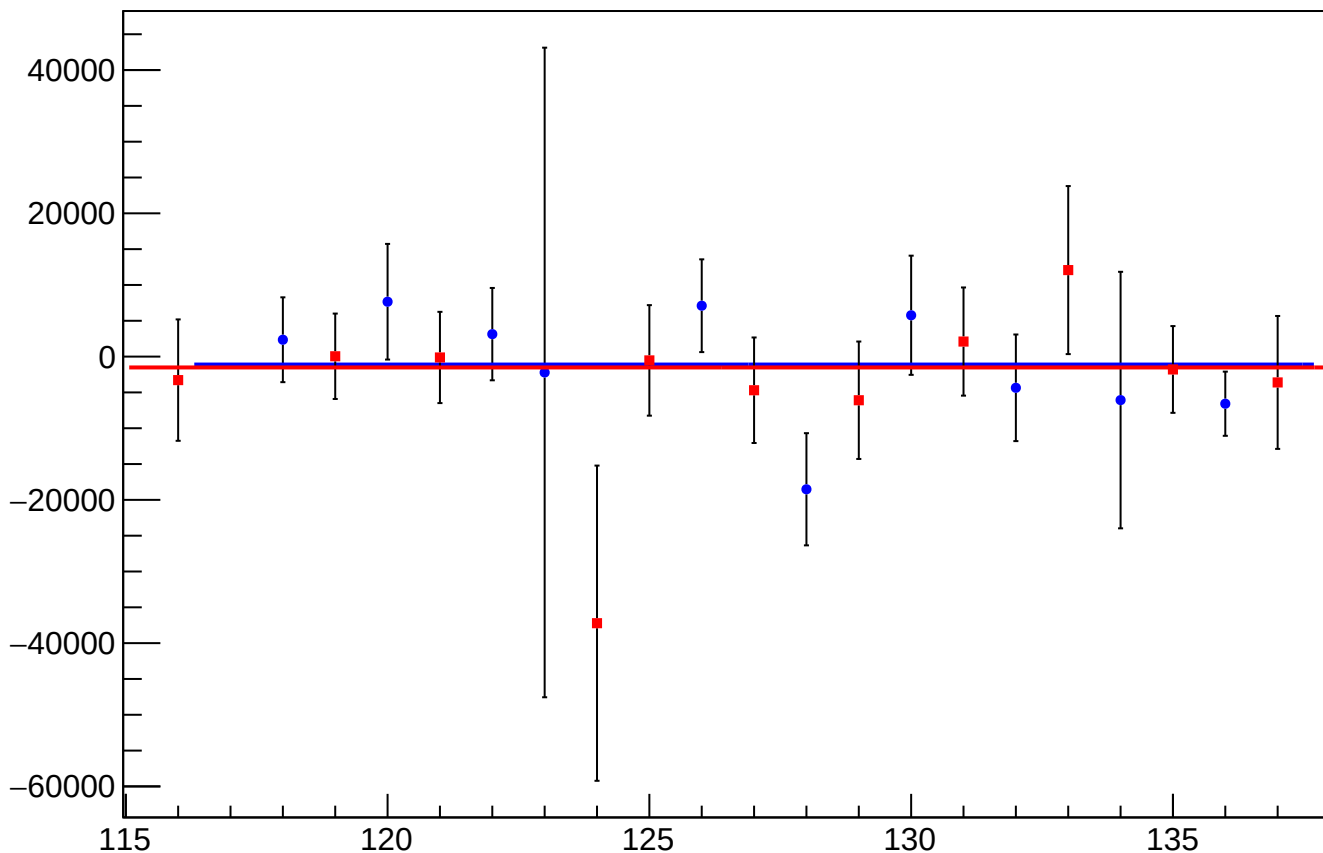
Right: 4065.205+/-1.035 χ^2/NDF : 494348.3/20

In: 4028.762+/-1.444 χ^2/NDF : 251004.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4065.205+/-1.035 χ^2/NDF : 494348.3/20

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1111.040+/-2270.113 χ^2/NDF : 10.9/9

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

Right Out: -1515.363+/-2340.076 χ^2/NDF : 4.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

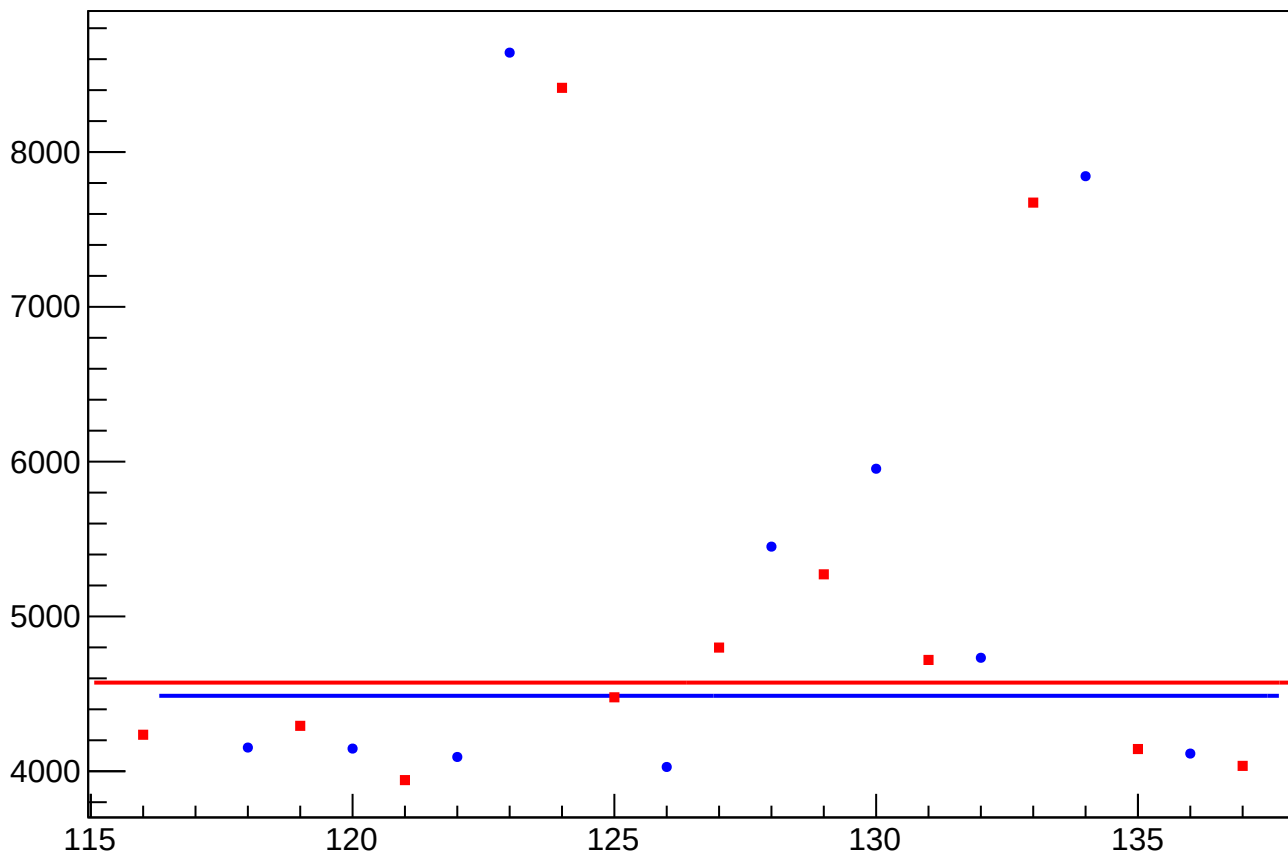
Right: -1307.067+/-1629.385 χ^2/NDF : 15.9/20

In: -1111.040+/-2270.113 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1307.067+/-1629.385 χ^2/NDF : 15.9/20

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4487.299+/-1.605 χ^2/NDF : 223166.5/9

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

Right Out: 4572.570+/-1.655 χ^2/NDF : 262181.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

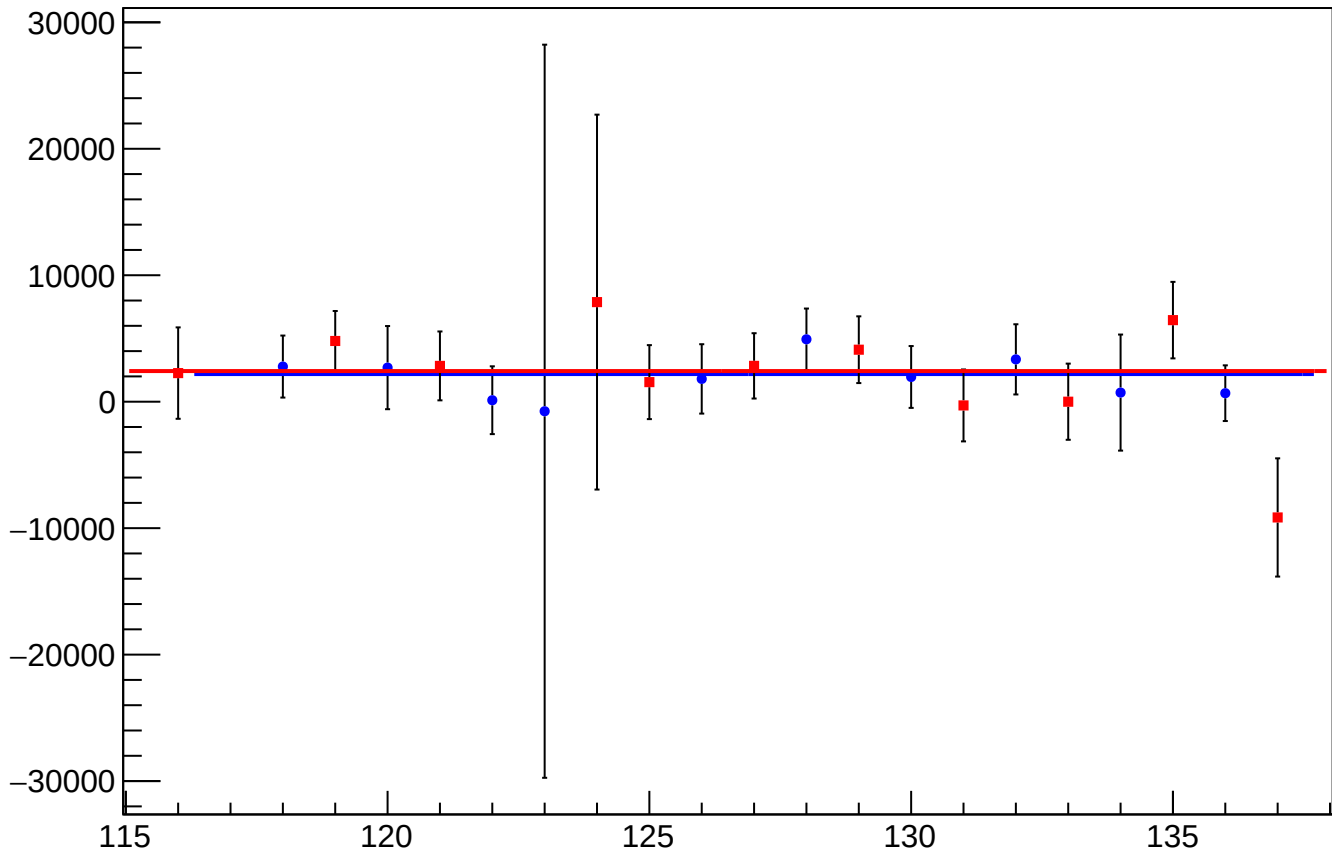
Right: 4528.641+/-1.152 χ^2/NDF : 486715.9/20

In: 4487.299+/-1.605 χ^2/NDF : 223166.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4528.641+/-1.152 χ^2/NDF : 486715.9/20

reg_asym_atr12_avg_mean vs Slug, Sign Corrected



Right In: 2185.586 $\pm$ 893.673 χ^2 /NDF: 2.7/9

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

Right Out: 2422.548 $\pm$ 915.460 χ^2 /NDF: 11.2/10

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

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

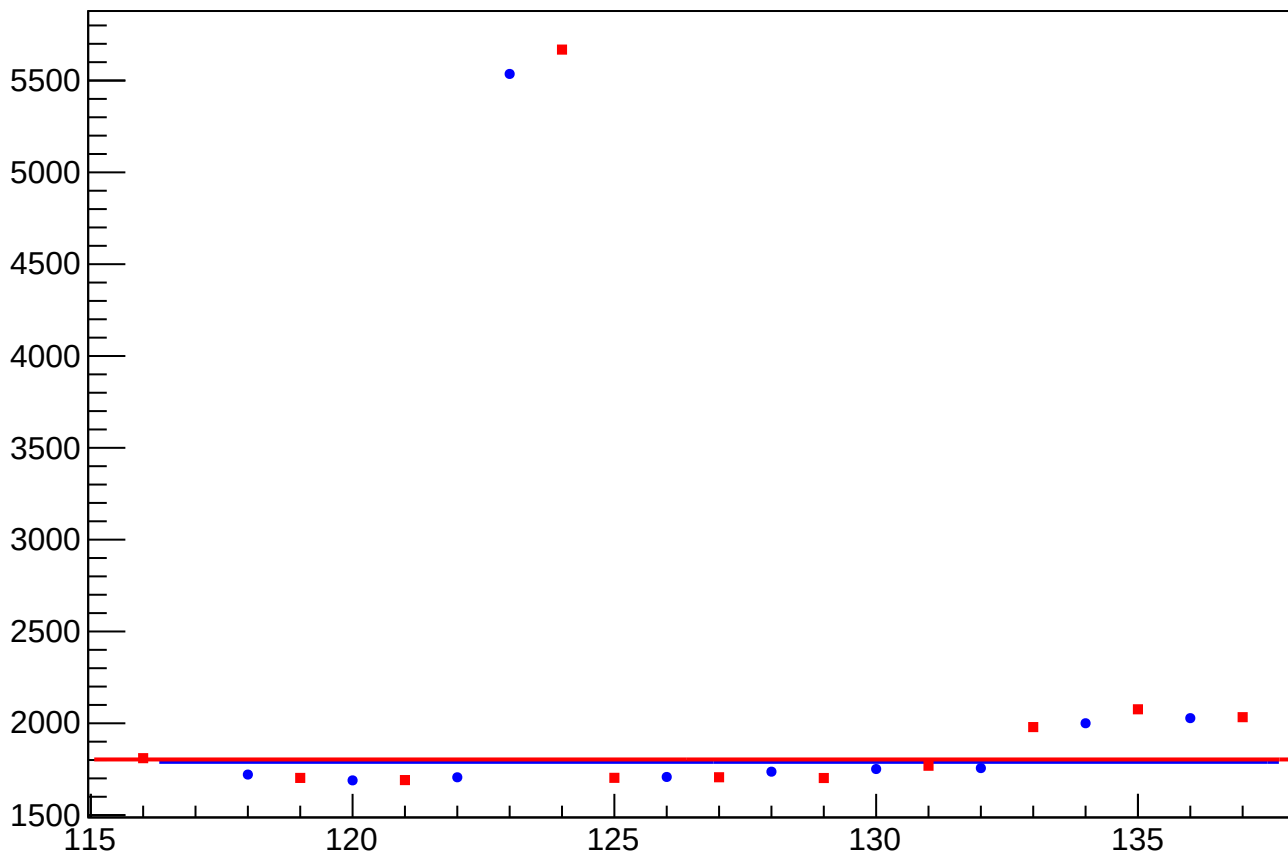
Right: 2301.214 $\pm$ 639.486 χ^2 /NDF: 13.9/20

In: 2185.586 $\pm$ 893.673 χ^2 /NDF:2.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2301.214 $\pm$ 639.486 χ^2 /NDF: 13.9/20

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1790.132+/-0.632 χ^2/NDF : 69989.3/9

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

Right Out: 1803.078+/-0.647 χ^2/NDF : 179402.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

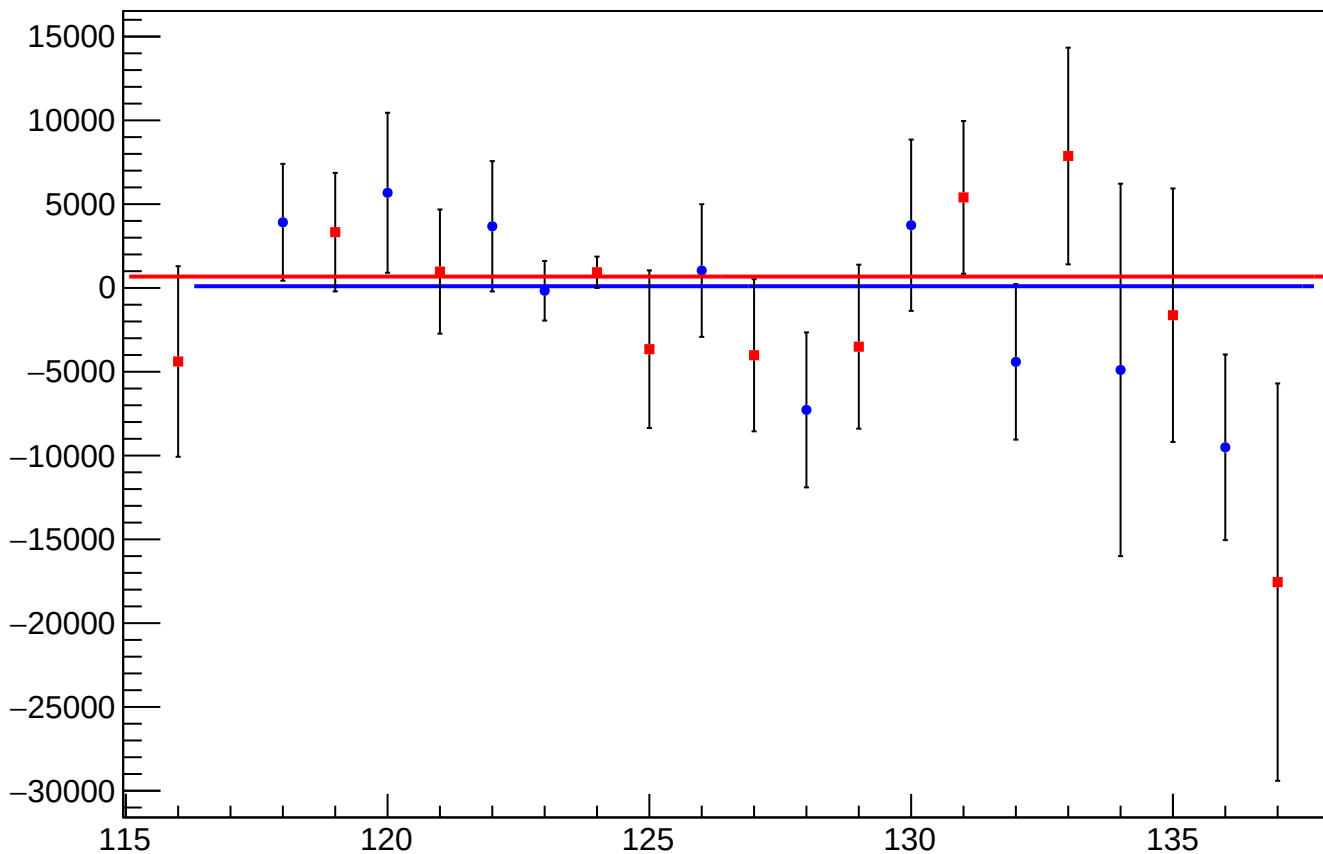
Right: 1796.450+/-0.452 χ^2/NDF : 249596.9/20

In: 1790.132+/-0.632 χ^2/NDF : 69989.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.450+/-0.452 χ^2/NDF : 249596.9/20

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: 103.475+/-1158.810 χ^2/NDF : 10.7/9

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

Right Out: 678.664+/-800.773 χ^2/NDF : 8.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

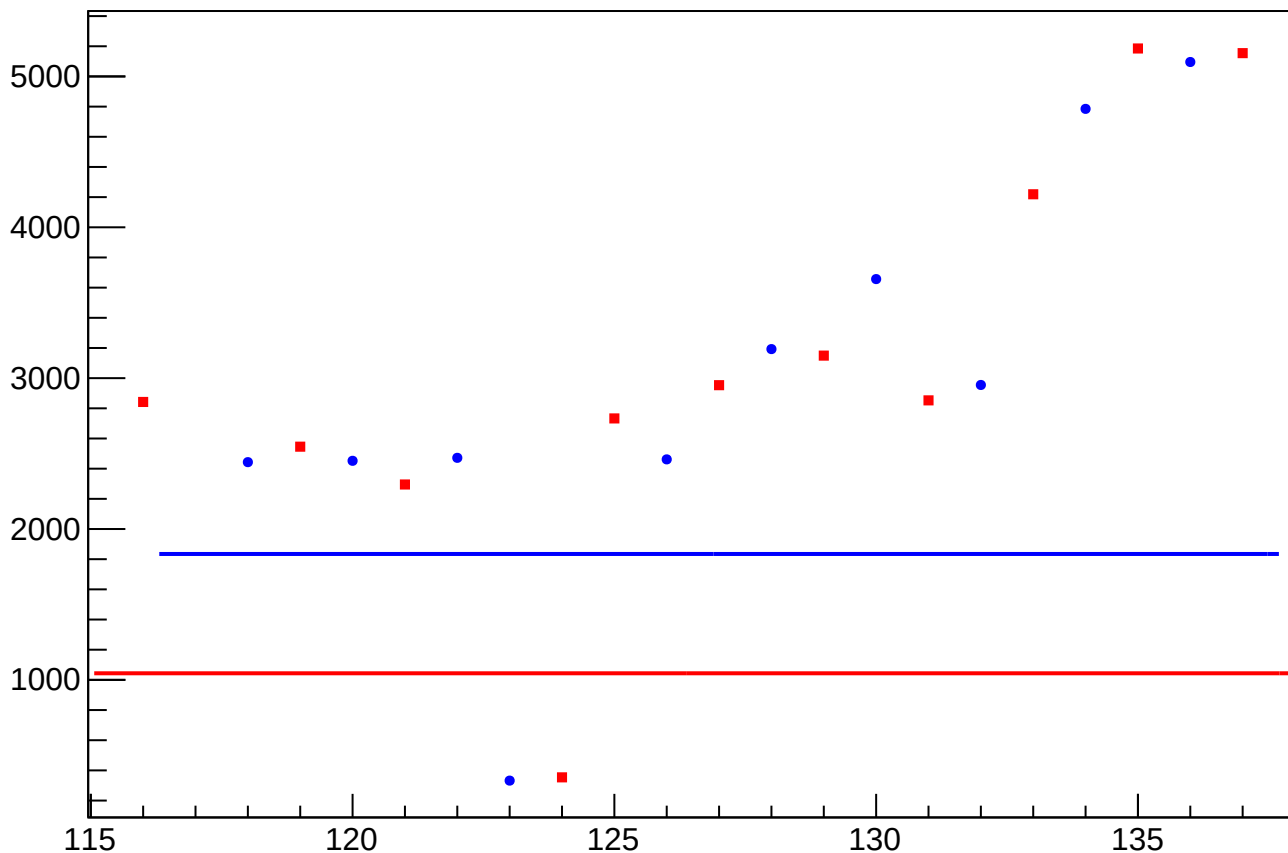
Right: 492.768+/-658.783 χ^2/NDF : 19.7/20

In: 103.475+/-1158.810 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.768+/-658.783 χ^2/NDF : 19.7/20

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 1834.550+/-0.819 χ^2/NDF : 3003887.6/9

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

Right Out: 1043.649+/-0.566 χ^2/NDF : 4498244.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

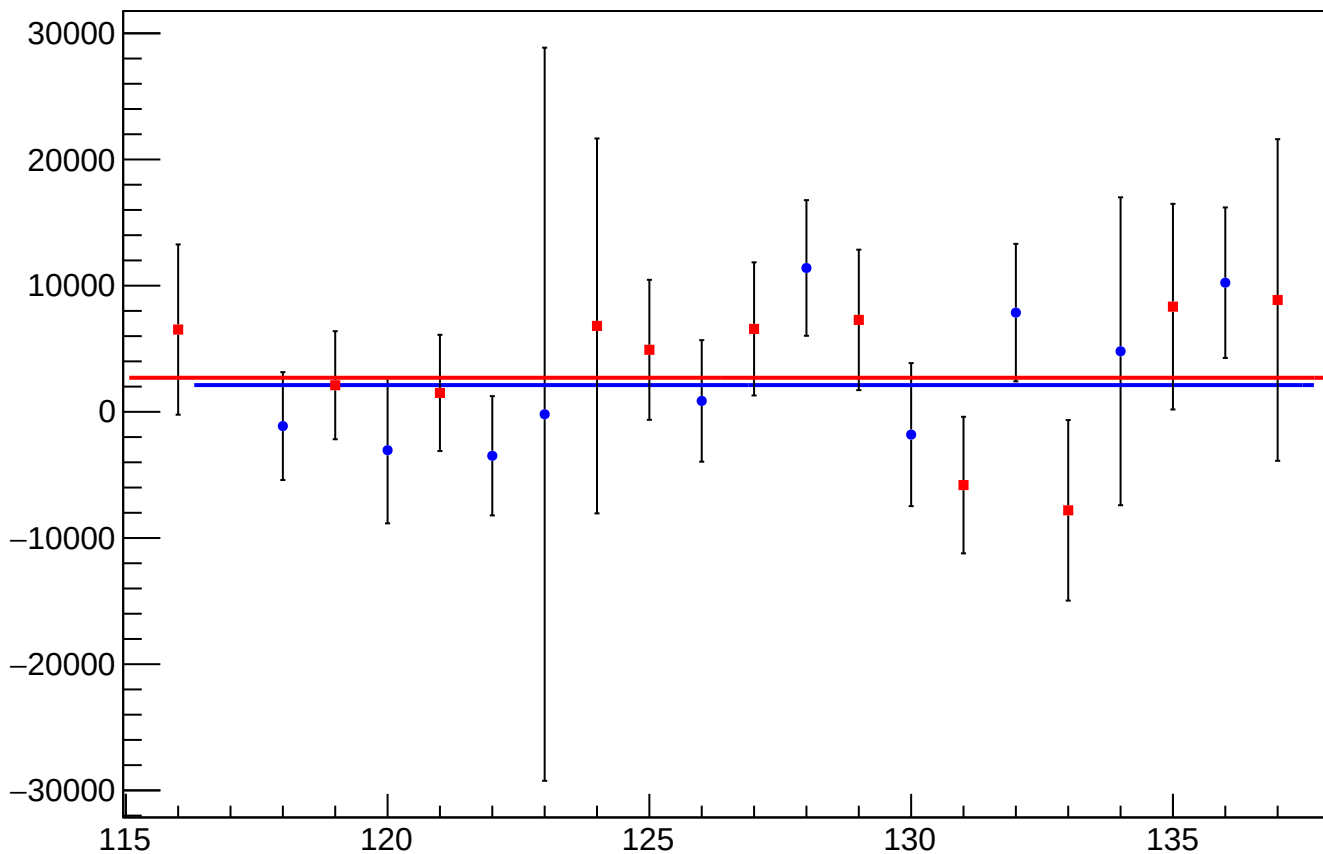
Right: 1299.262+/-0.466 χ^2/NDF : 8132676.2/20

In: 1834.550+/-0.819 χ^2/NDF : 3003887.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.262+/-0.466 χ^2/NDF : 8132676.2/20

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2119.966+/-1802.529 χ^2/NDF : 9.3/9

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

Right Out: 2701.331+/-1814.359 χ^2/NDF : 7.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

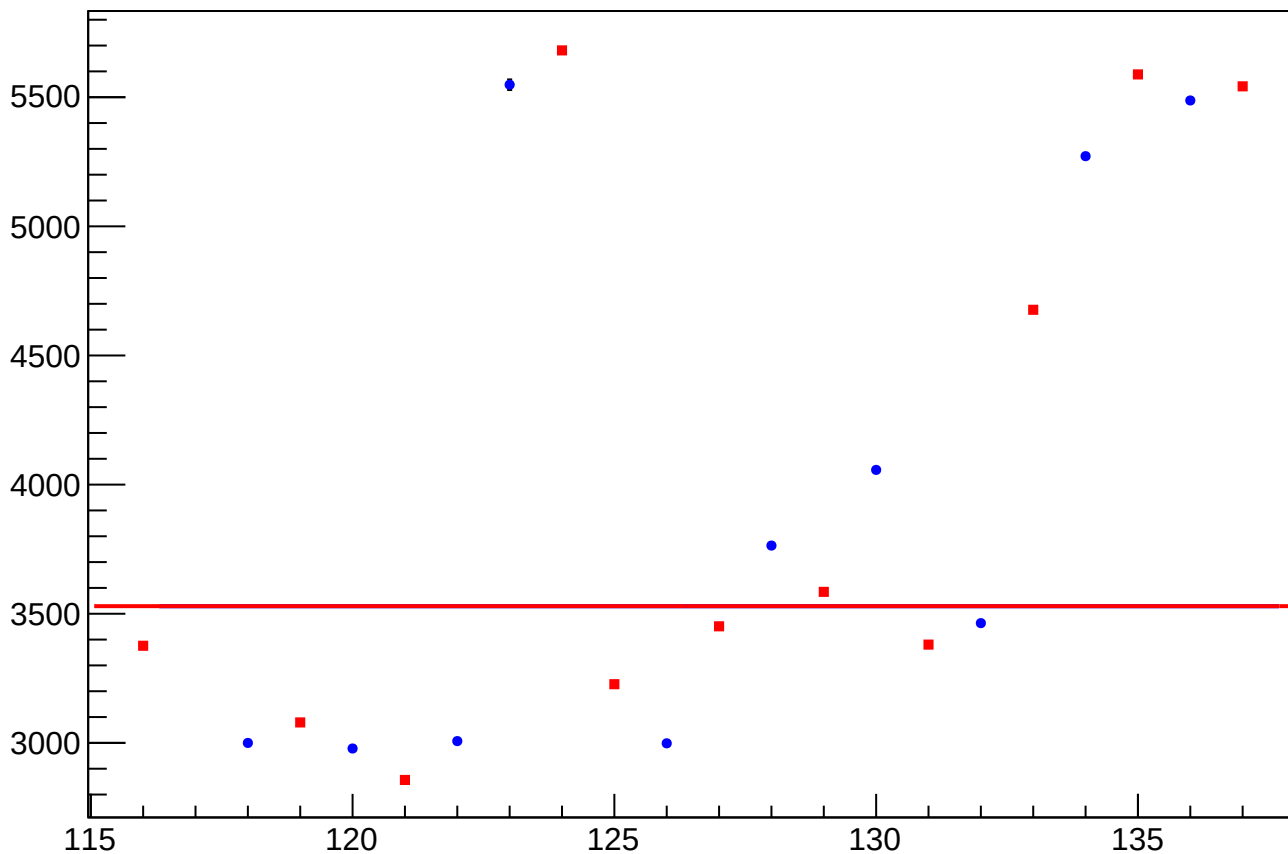
Right: 2408.747+/-1278.742 χ^2/NDF : 16.6/20

In: 2119.966+/-1802.529 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2408.747+/-1278.742 χ^2/NDF : 16.6/20

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3528.953+/-1.275 χ^2/NDF : 385115.2/9

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

Right Out: 3529.389+/-1.283 χ^2/NDF : 344870.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

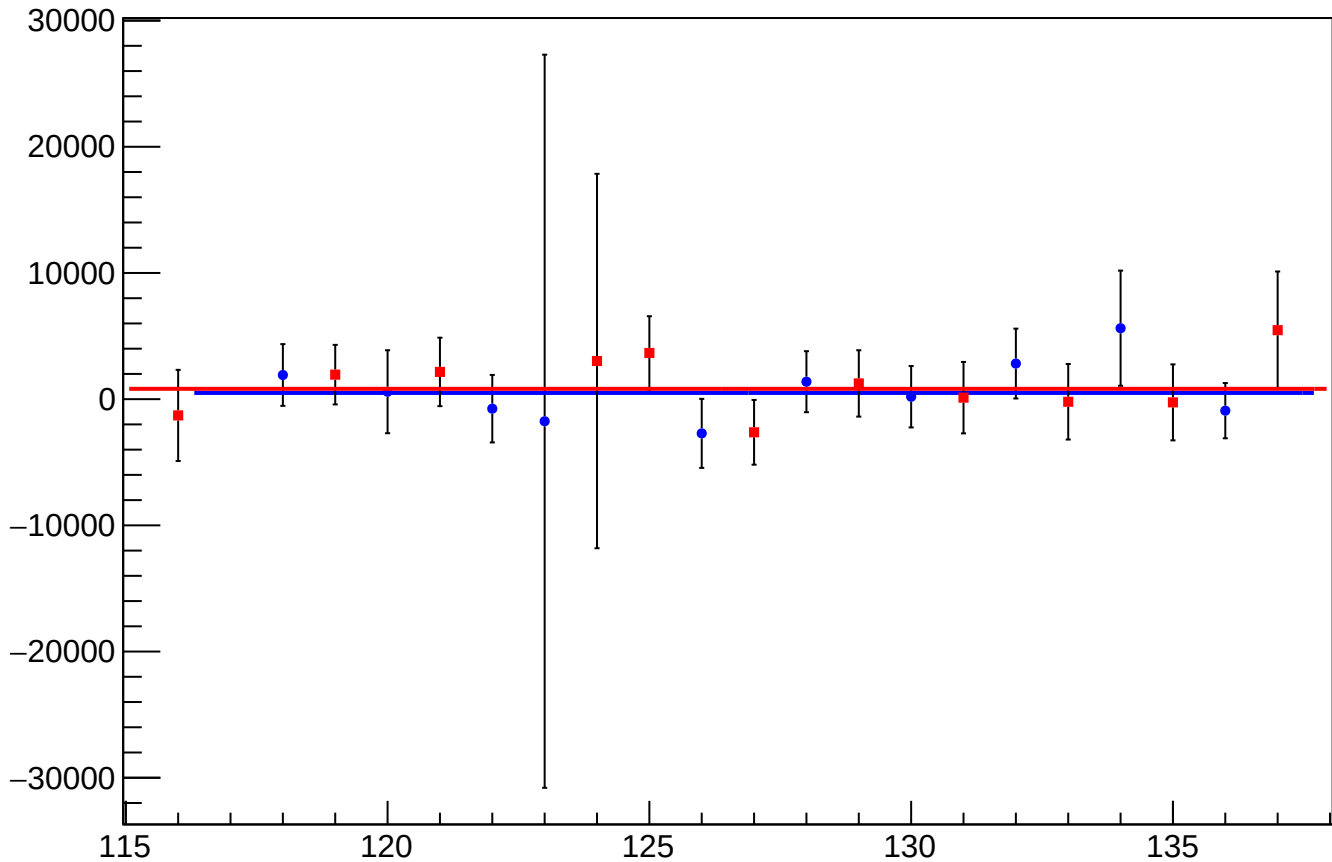
Right: 3529.169+/-0.904 χ^2/NDF : 729986.1/20

In: 3528.953+/-1.275 χ^2/NDF :385115.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3529.169+/-0.904 χ^2/NDF : 729986.1/20

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 493.694 $\pm$ 890.185 χ^2 /NDF: 4.5/9

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

Right Out: 819.605 $\pm$ 911.265 χ^2 /NDF: 4.9/10

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

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

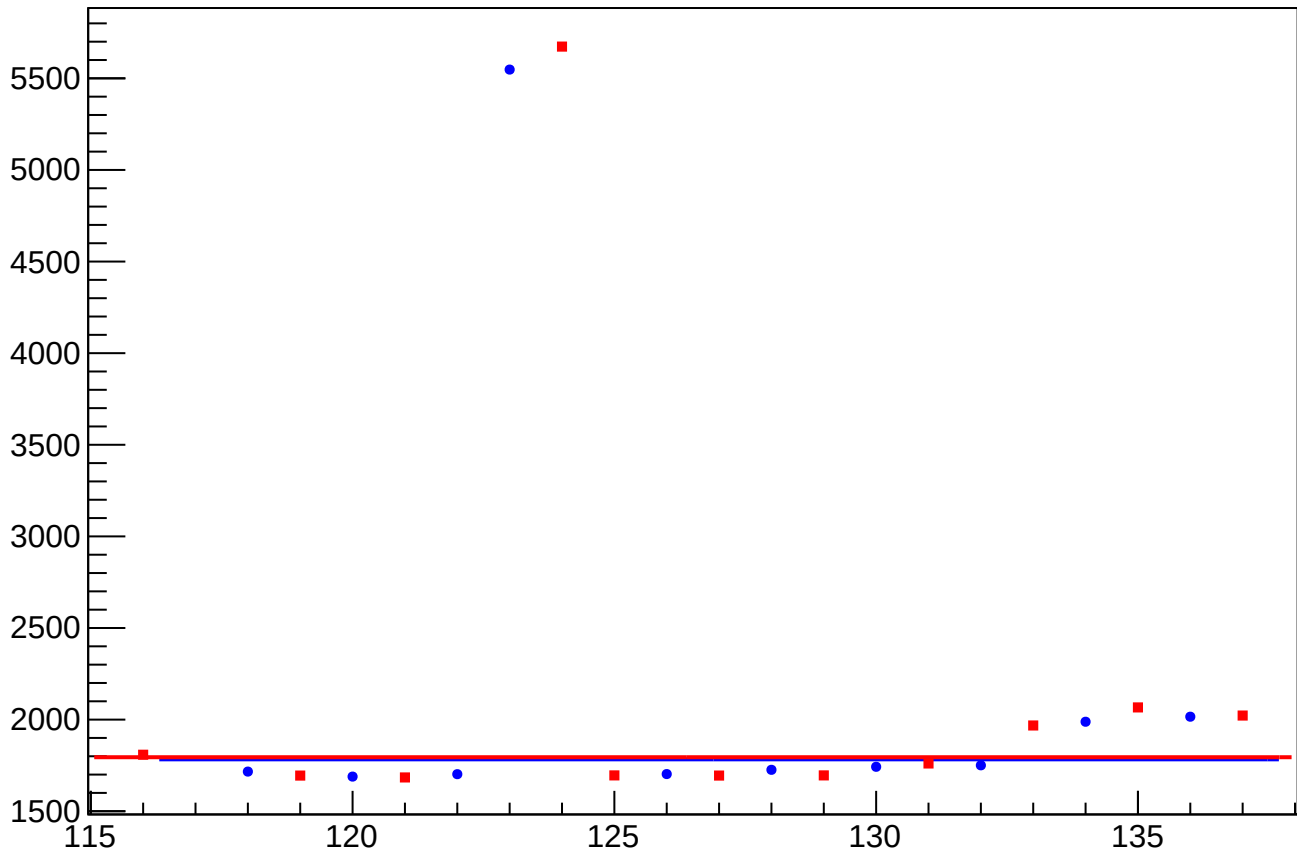
Right: 652.837 $\pm$ 636.778 χ^2 /NDF: 9.5/20

In: 493.694 $\pm$ 890.185 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 652.837 $\pm$ 636.778 χ^2 /NDF: 9.5/20

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1783.224+/-0.629 χ^2/NDF : 68896.3/9

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

Right Out: 1794.735+/-0.644 χ^2/NDF : 179945.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

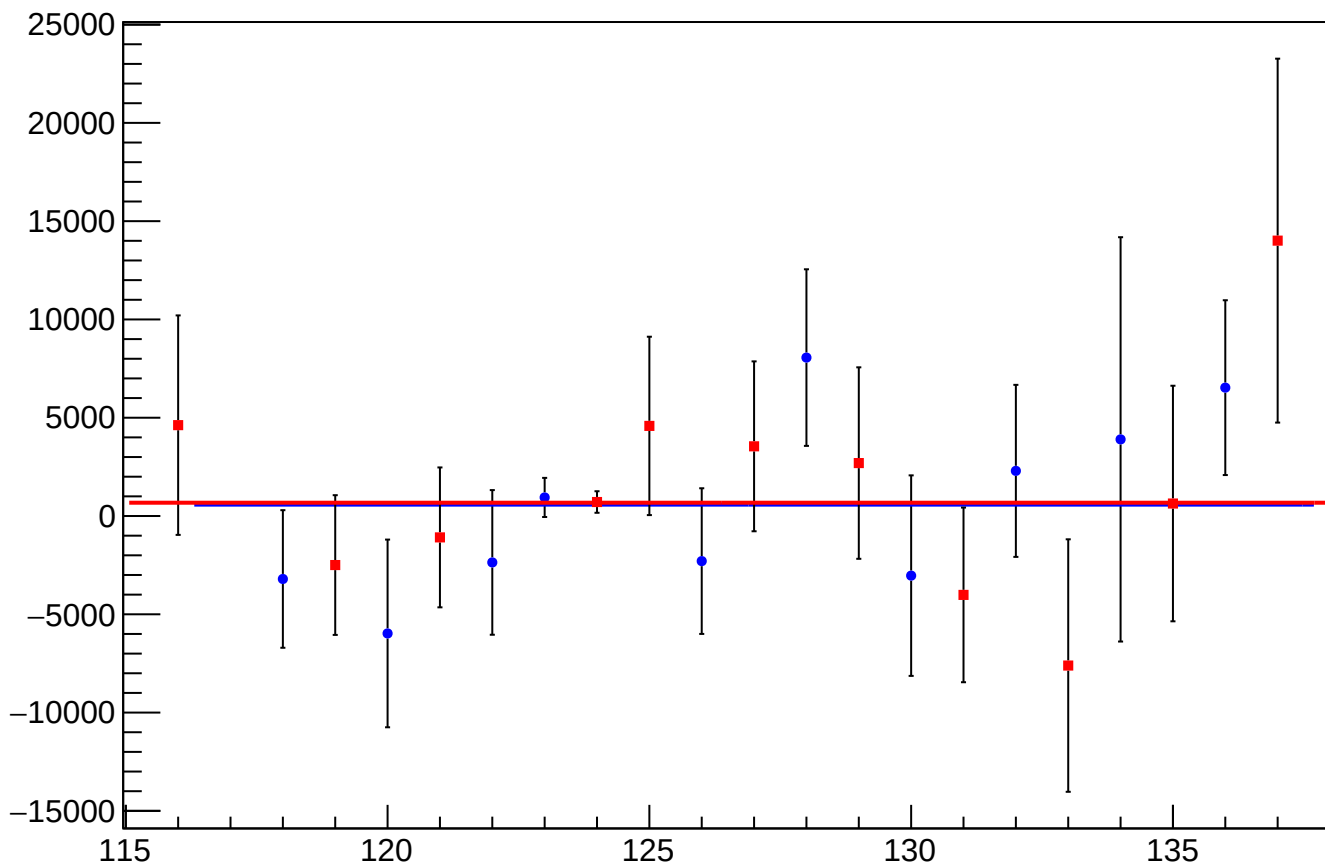
Right: 1788.845+/-0.450 χ^2/NDF : 249004.6/20

In: 1783.224+/-0.629 χ^2/NDF : 68896.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.845+/-0.450 χ^2/NDF : 249004.6/20

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 579.214+/-821.466 χ^2/NDF : 9.8/9

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

Right Out: 676.256+/-514.537 χ^2/NDF : 7.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

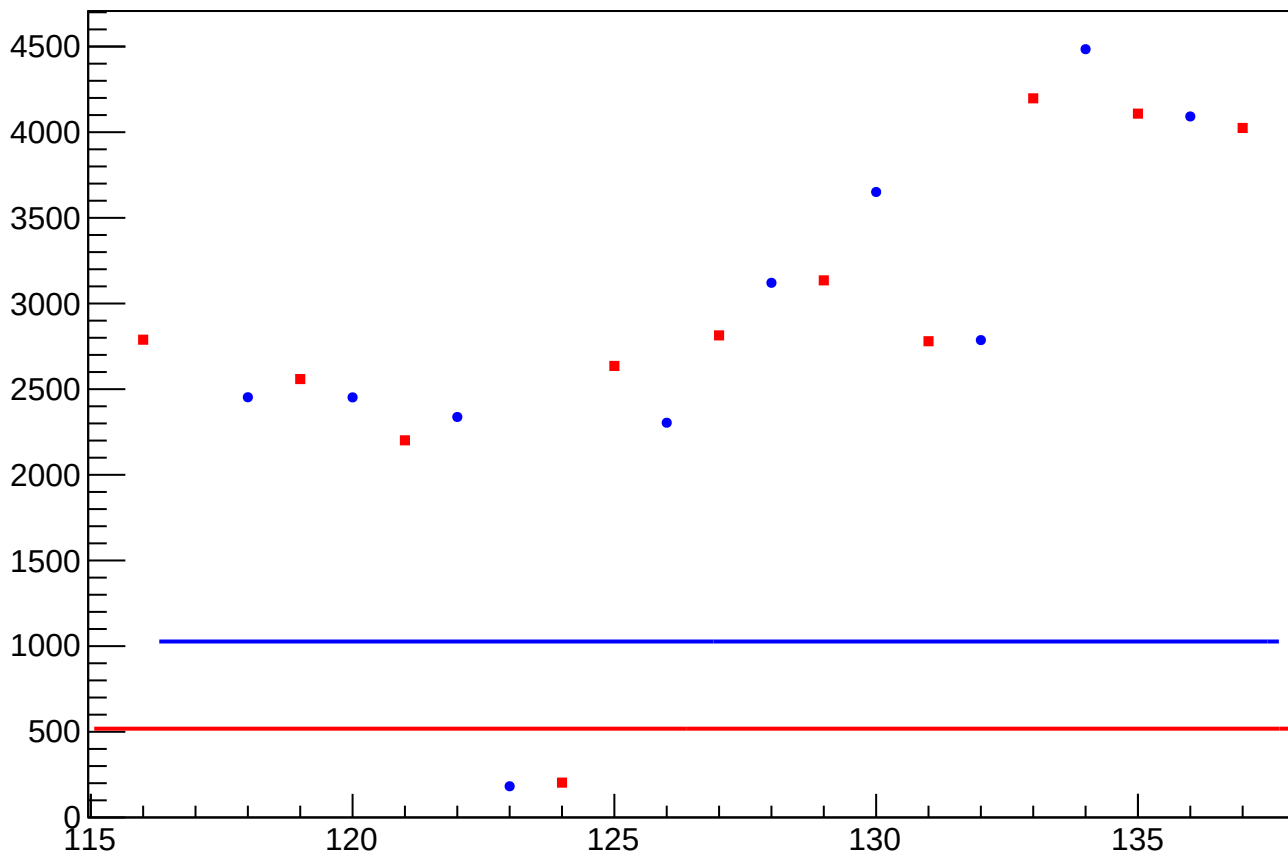
Right: 648.911+/-436.059 χ^2/NDF : 17.5/20

In: 579.214+/-821.466 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.911+/-436.059 χ^2/NDF : 17.5/20

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 1027.032+/-0.581 χ^2/NDF : 4906332.3/9

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

Right Out: 518.226+/-0.364 χ^2/NDF : 5854642.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

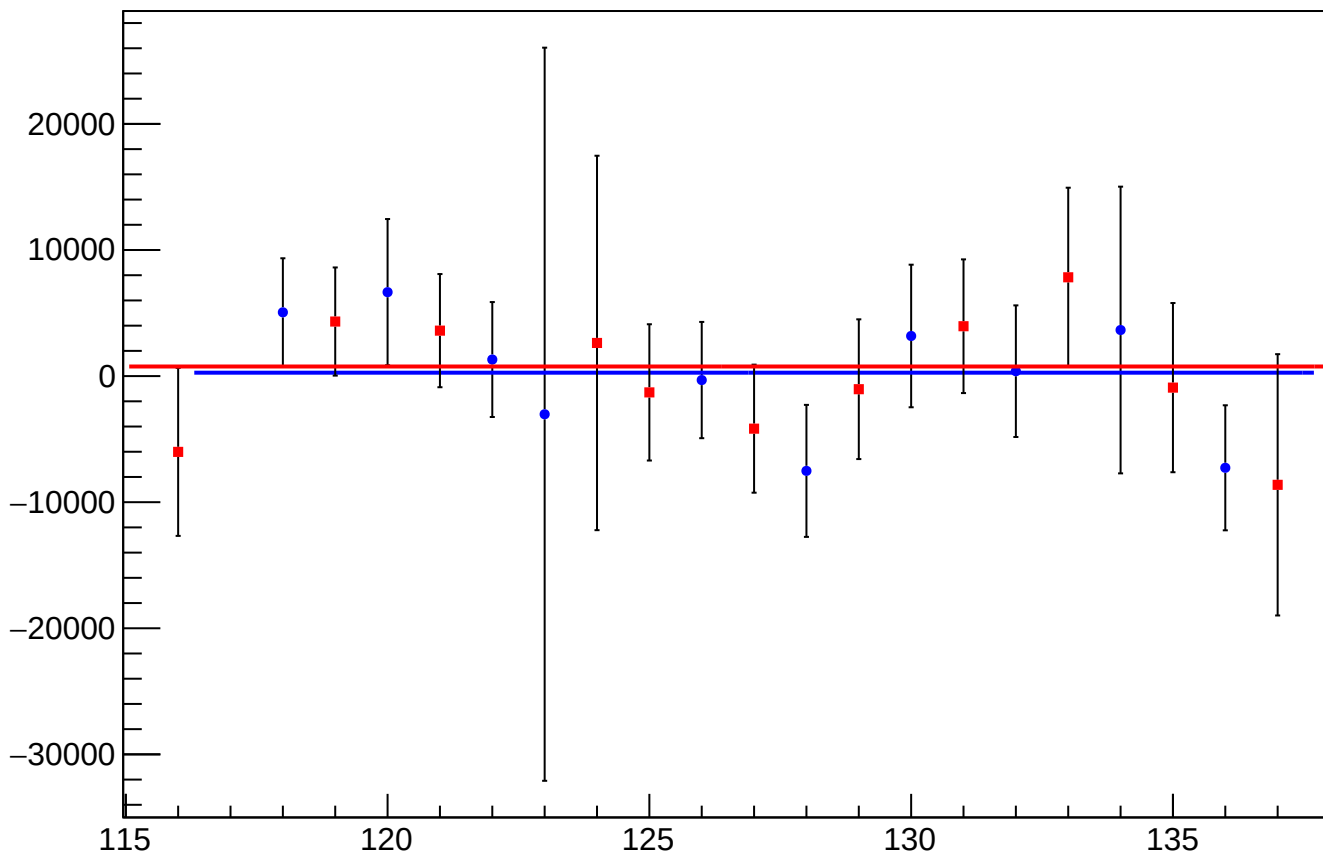
Right: 661.598+/-0.308 χ^2/NDF : 11312051.8/20

In: 1027.032+/-0.581 χ^2/NDF : 4906332.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.598+/-0.308 χ^2/NDF : 11312051.8/20

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 270.339+/-1731.820 χ^2/NDF : 7.4/9

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

Right Out: 761.038+/-1757.957 χ^2/NDF : 5.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

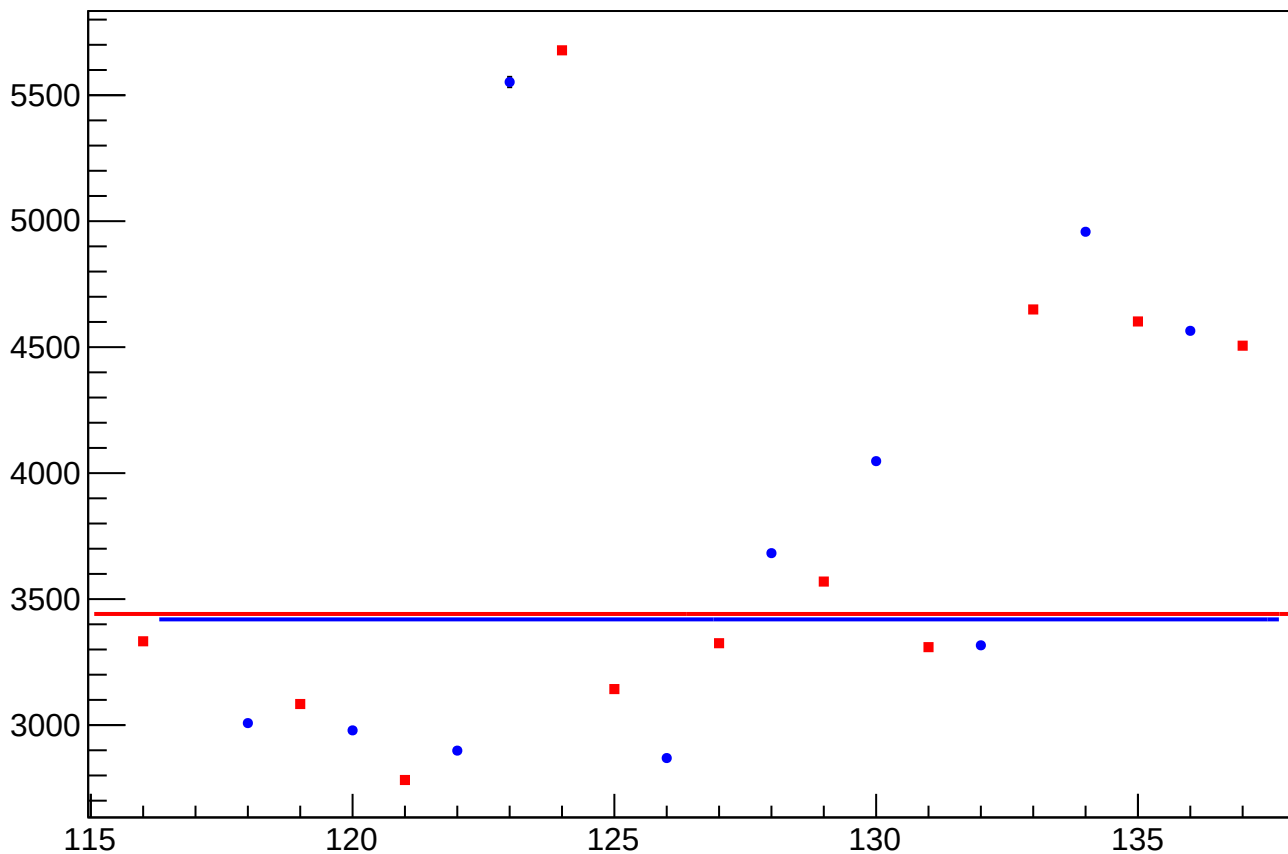
Right: 512.014+/-1233.719 χ^2/NDF : 13.0/20

In: 270.339+/-1731.820 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.014+/-1233.719 χ^2/NDF : 13.0/20

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3419.524+/-1.225 χ^2/NDF : 269179.3/9

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

Right Out: 3441.033+/-1.243 χ^2/NDF : 251253.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

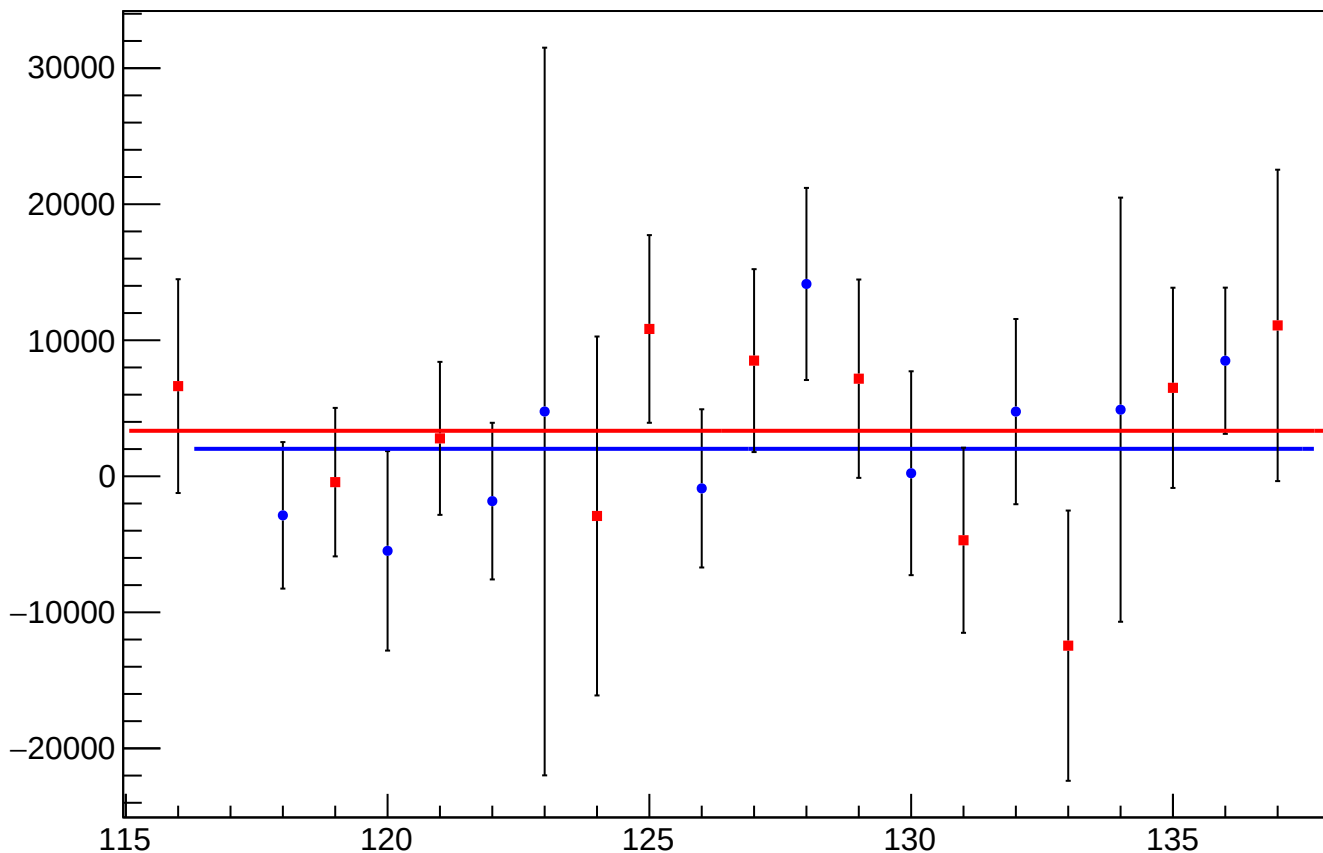
Right: 3430.118+/-0.872 χ^2/NDF : 520584.4/20

In: 3419.524+/-1.225 χ^2/NDF :269179.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3430.118+/-0.872 χ^2/NDF : 520584.4/20

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2018.809+/-2169.845 χ^2/NDF : 7.2/9

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

Right Out: 3344.590+/-2198.320 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

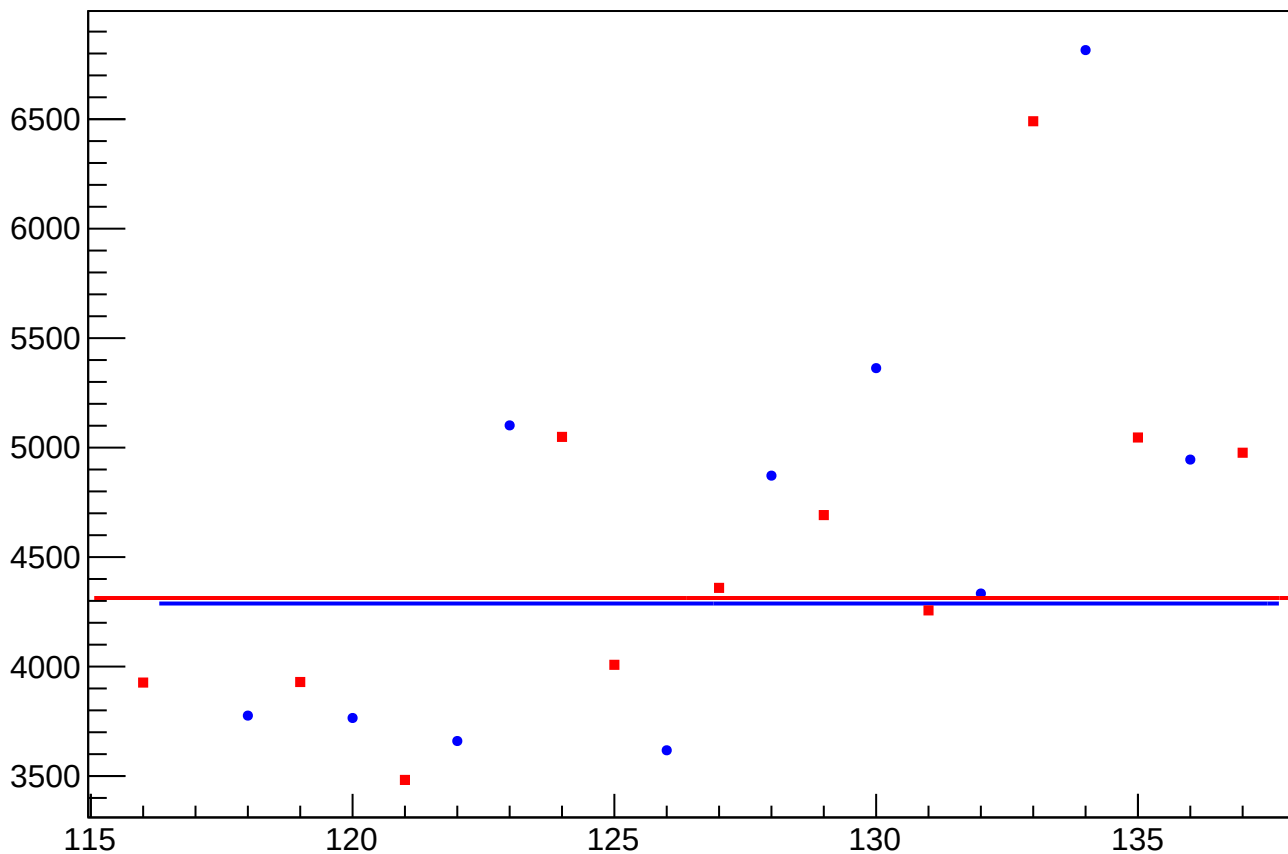
Right: 2673.057+/-1544.281 χ^2/NDF : 14.9/20

In: 2018.809+/-2169.845 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2673.057+/-1544.281 χ^2/NDF : 14.9/20

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4287.987+/-1.534 χ^2/NDF : 217899.0/9

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

Right Out: 4313.164+/-1.554 χ^2/NDF : 196823.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

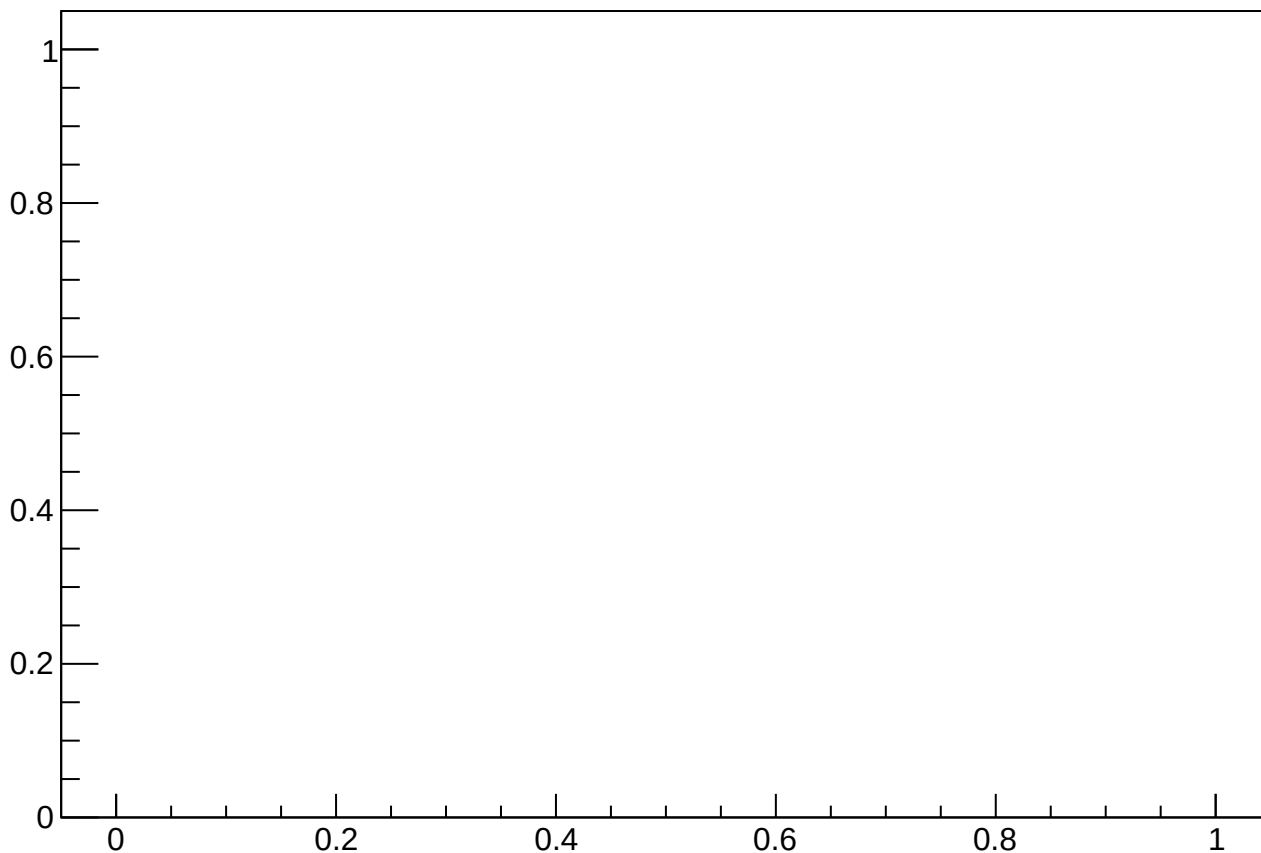
Right: 4300.411+/-1.092 χ^2/NDF : 414855.0/20

In: 4287.987+/-1.534 χ^2/NDF :217899.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4300.411+/-1.092 χ^2/NDF : 414855.0/20

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

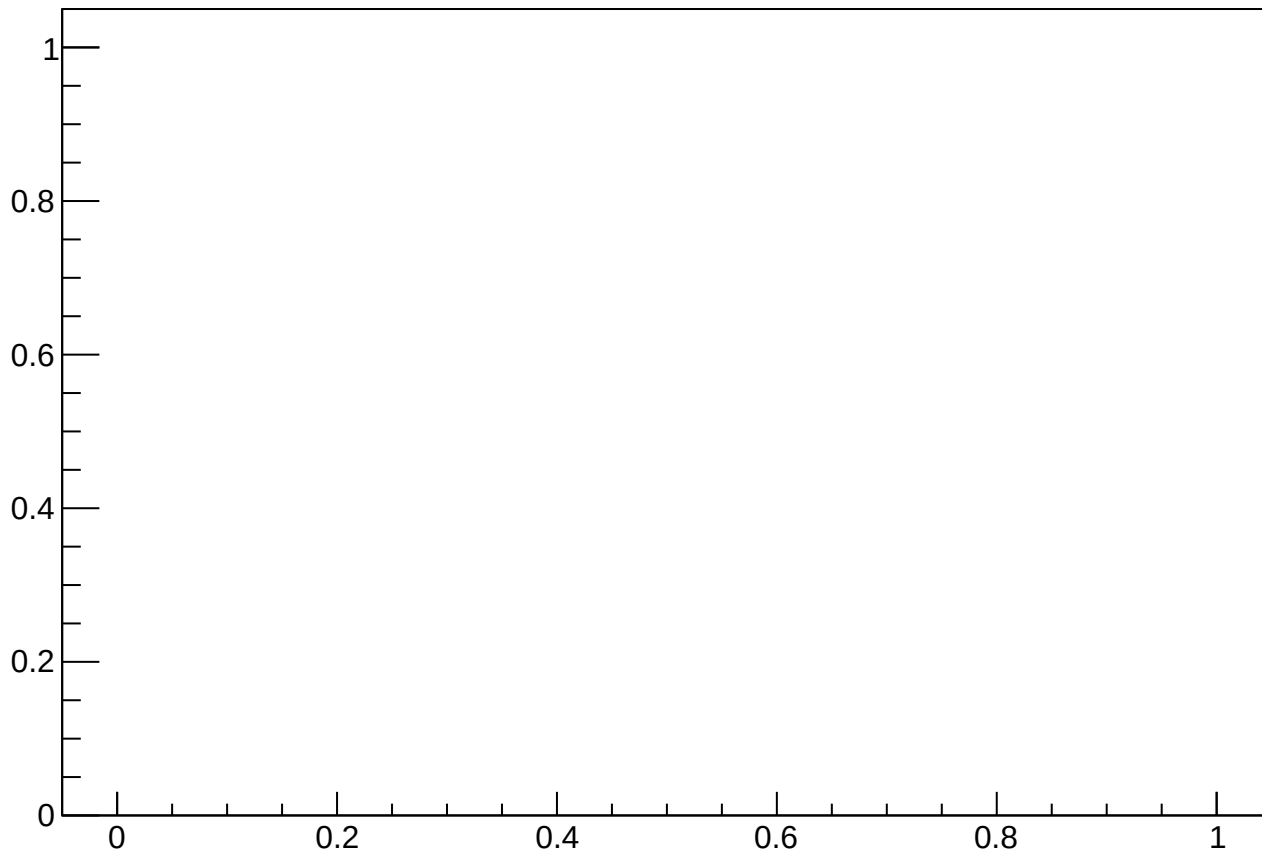
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

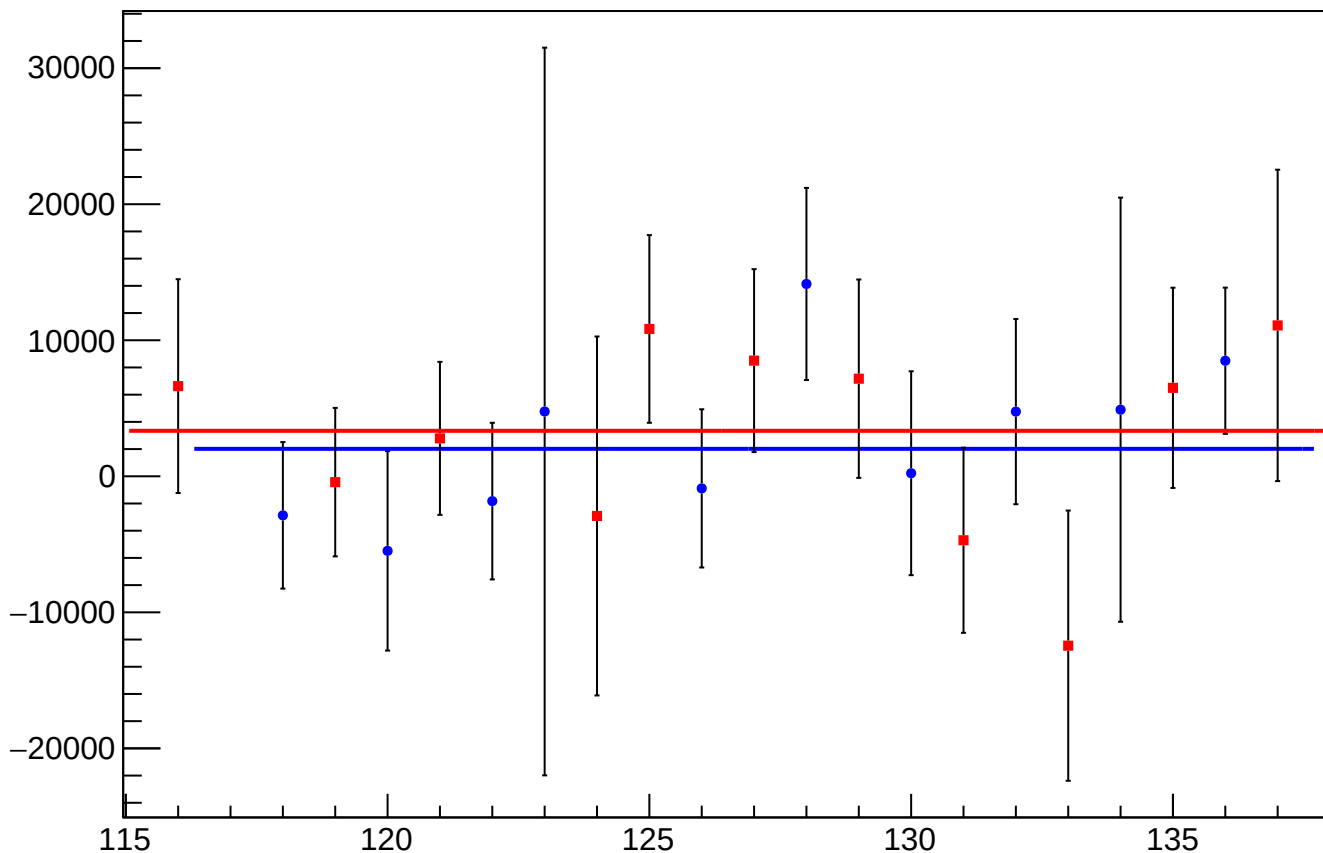
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2018.809+/-2169.845 χ^2/NDF : 7.2/9

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

Right Out: 3344.590+/-2198.320 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

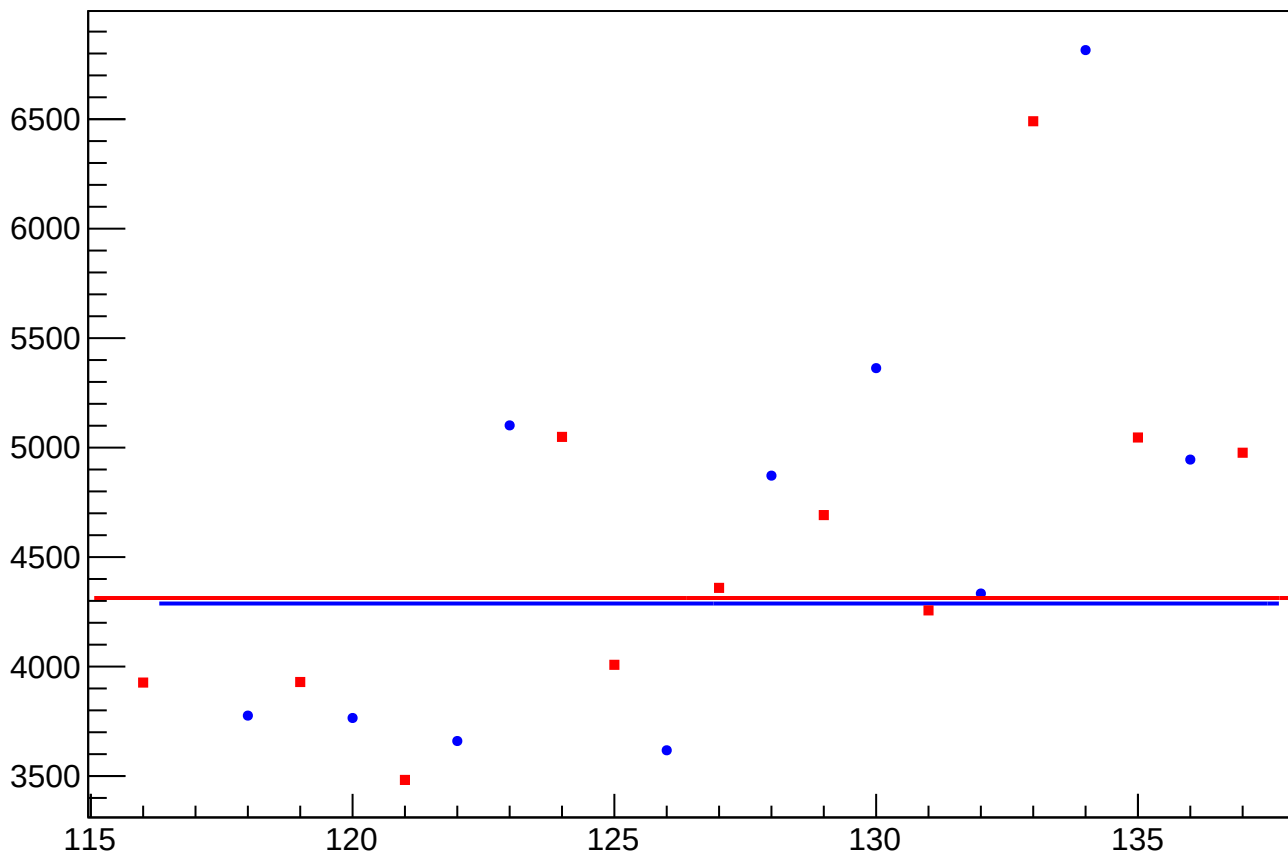
Right: 2673.057+/-1544.281 χ^2/NDF : 14.9/20

In: 2018.809+/-2169.845 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2673.057+/-1544.281 χ^2/NDF : 14.9/20

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4287.987+/-1.534 χ^2/NDF : 217899.0/9

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

Right Out: 4313.164+/-1.554 χ^2/NDF : 196823.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

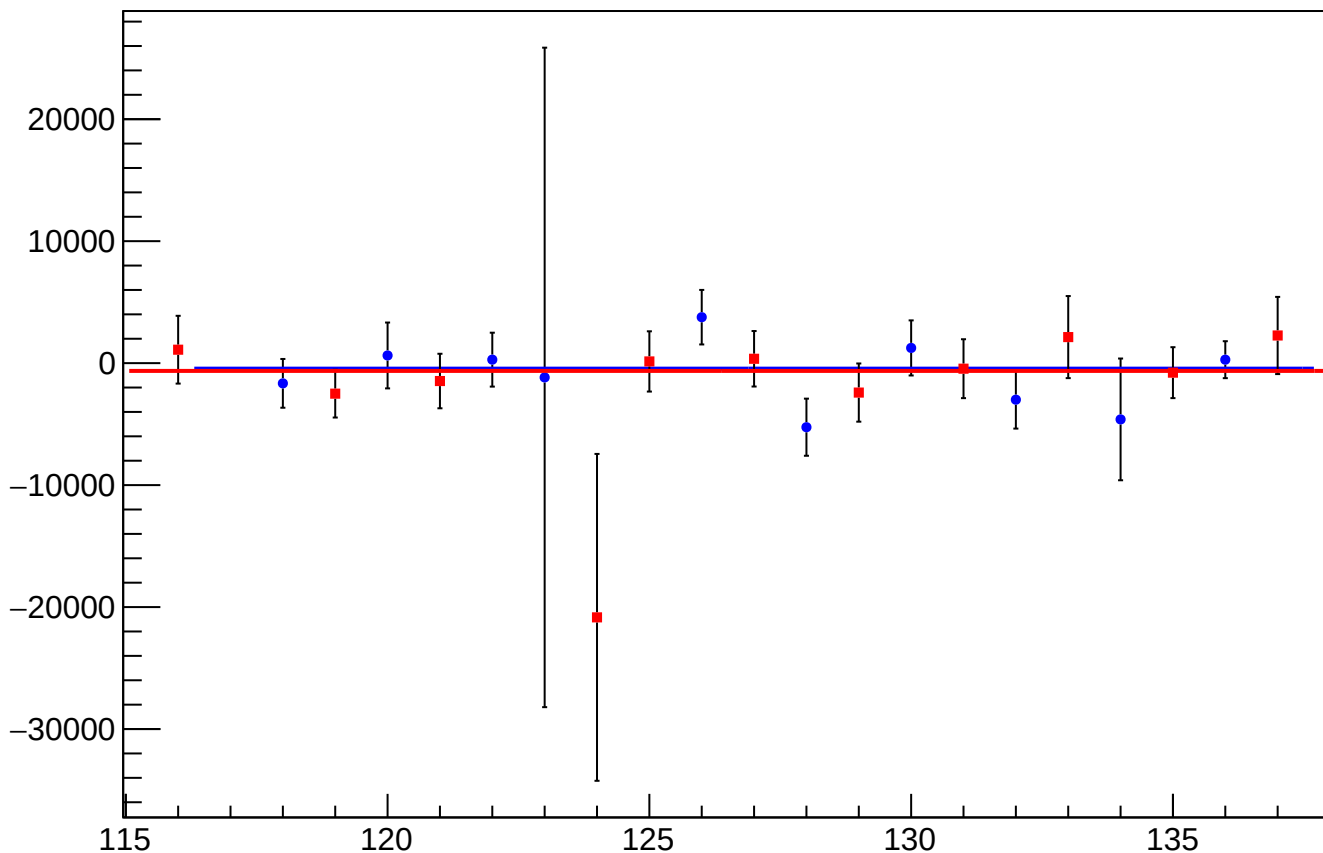
Right: 4300.411+/-1.092 χ^2/NDF : 414855.0/20

In: 4287.987+/-1.534 χ^2/NDF : 217899.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4300.411+/-1.092 χ^2/NDF : 414855.0/20

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -452.190+/-739.989 χ^2/NDF : 11.1/9

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

Right Out: -637.017+/-762.782 χ^2/NDF : 6.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

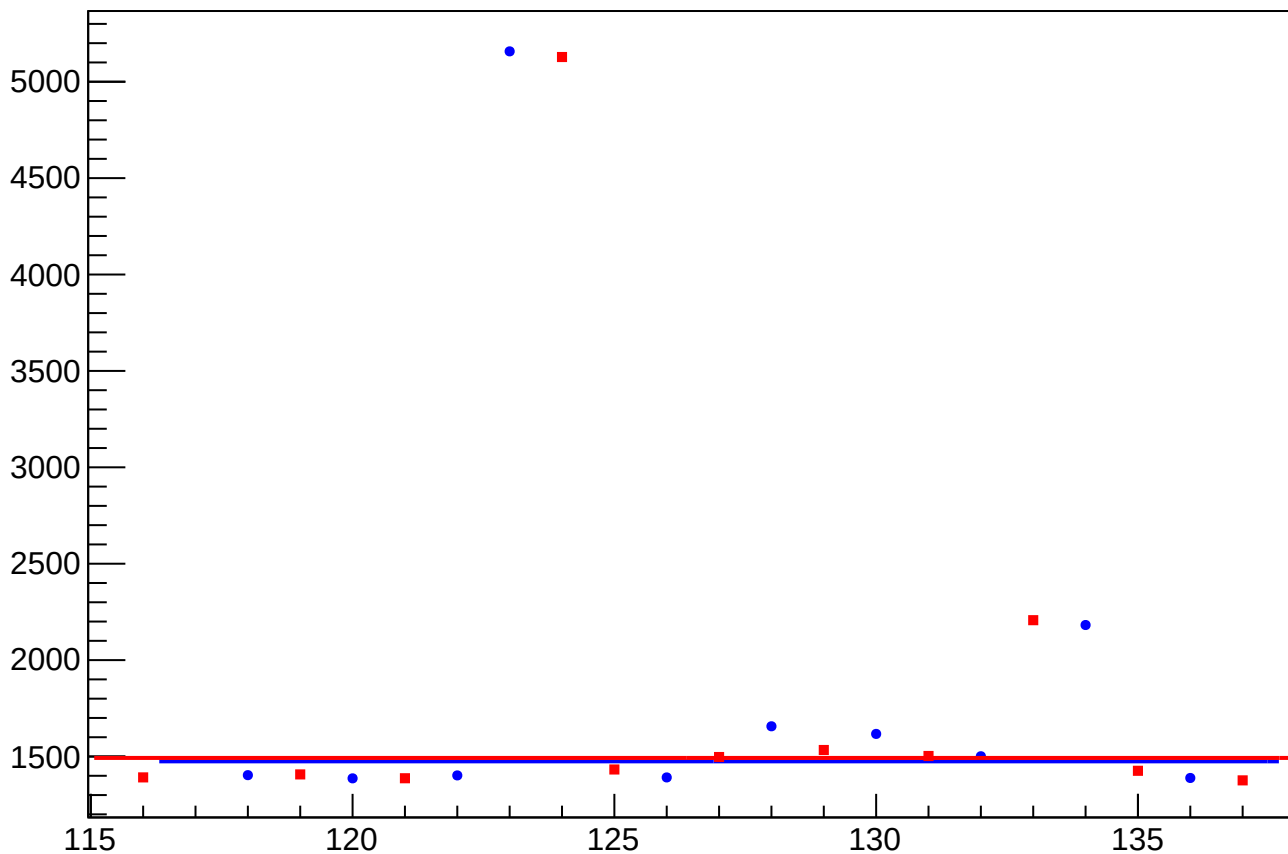
Right: -541.801+/-531.126 χ^2/NDF : 17.2/20

In: -452.190+/-739.989 χ^2/NDF :11.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -541.801+/-531.126 χ^2/NDF : 17.2/20

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1474.881+/-0.523 χ^2/NDF : 113671.3/9

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

Right Out: 1492.620+/-0.539 χ^2/NDF : 254913.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

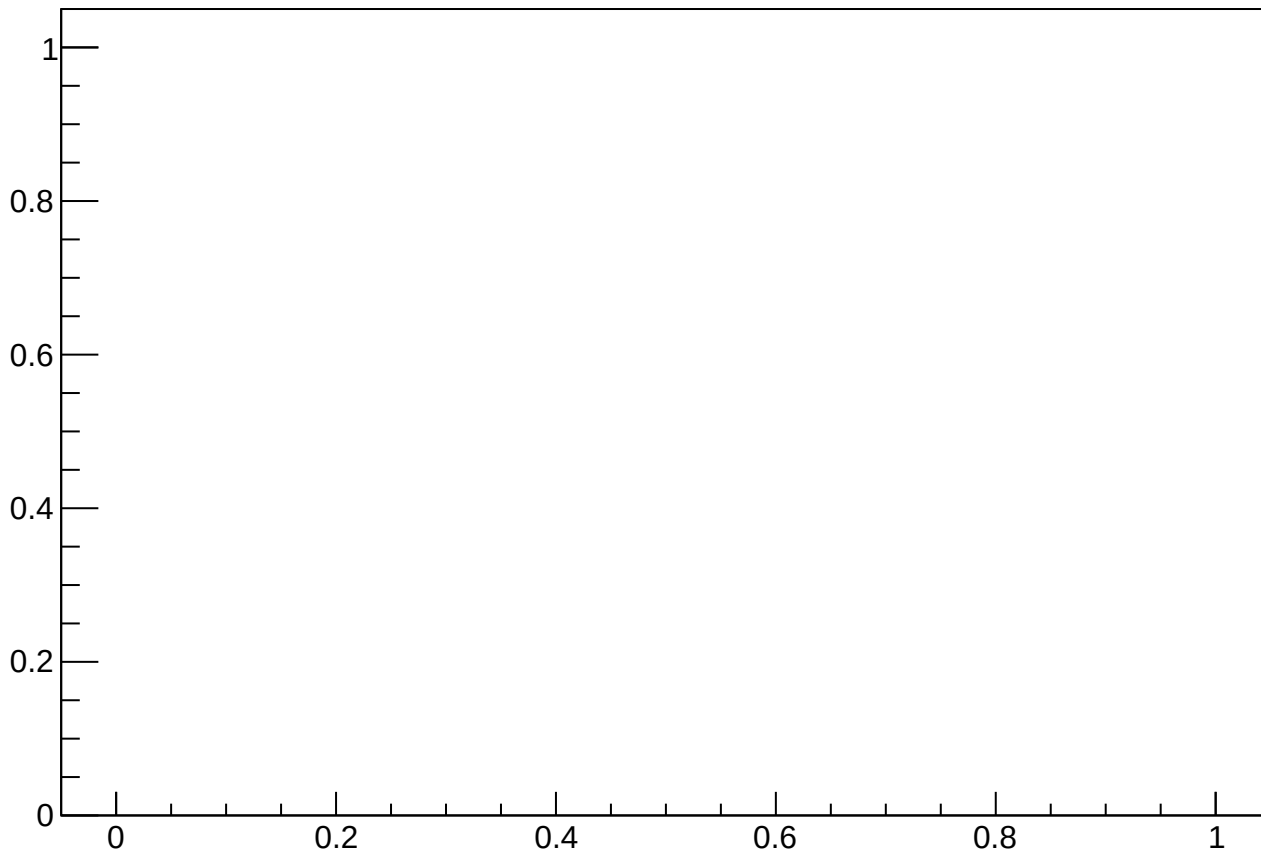
Right: 1483.482+/-0.376 χ^2/NDF : 369142.2/20

In: 1474.881+/-0.523 χ^2/NDF : 113671.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.482+/-0.376 χ^2/NDF : 369142.2/20

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

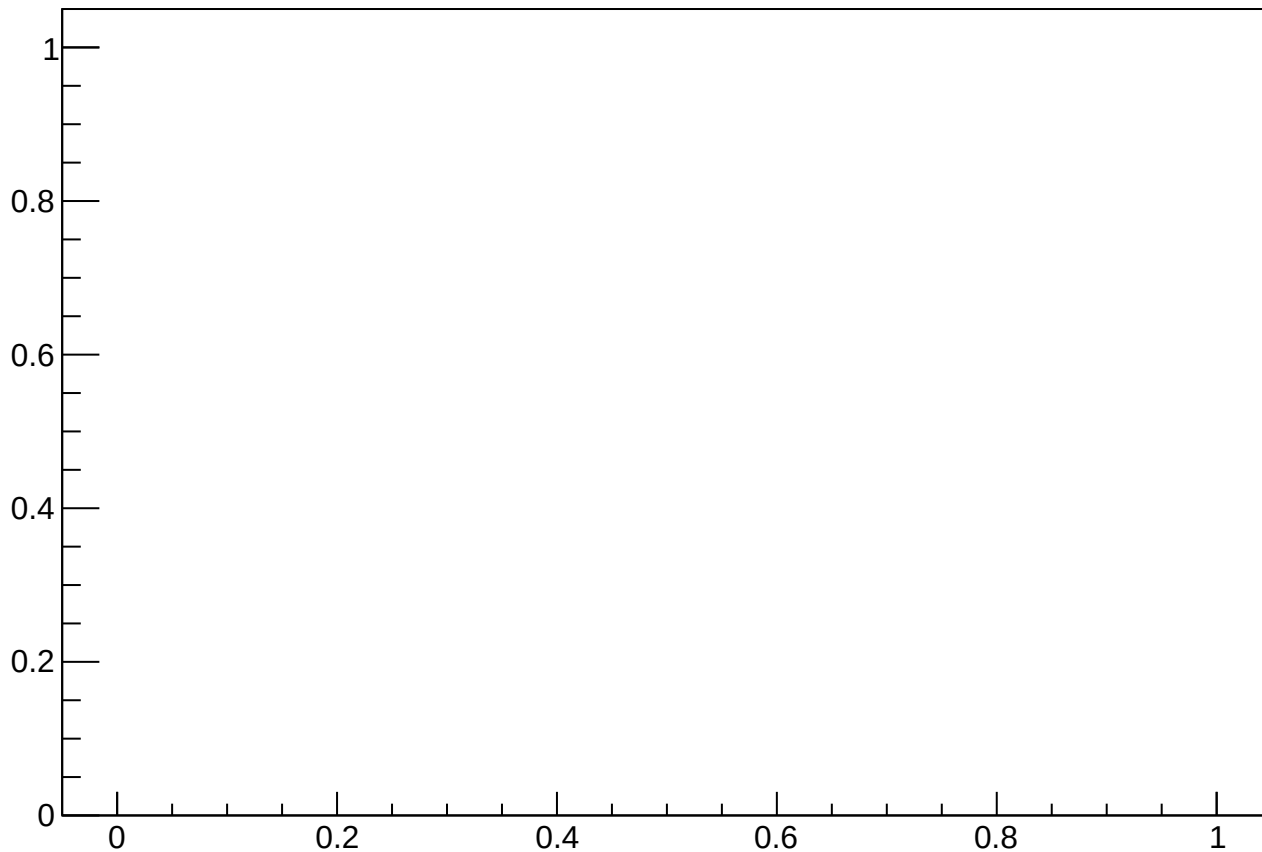
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

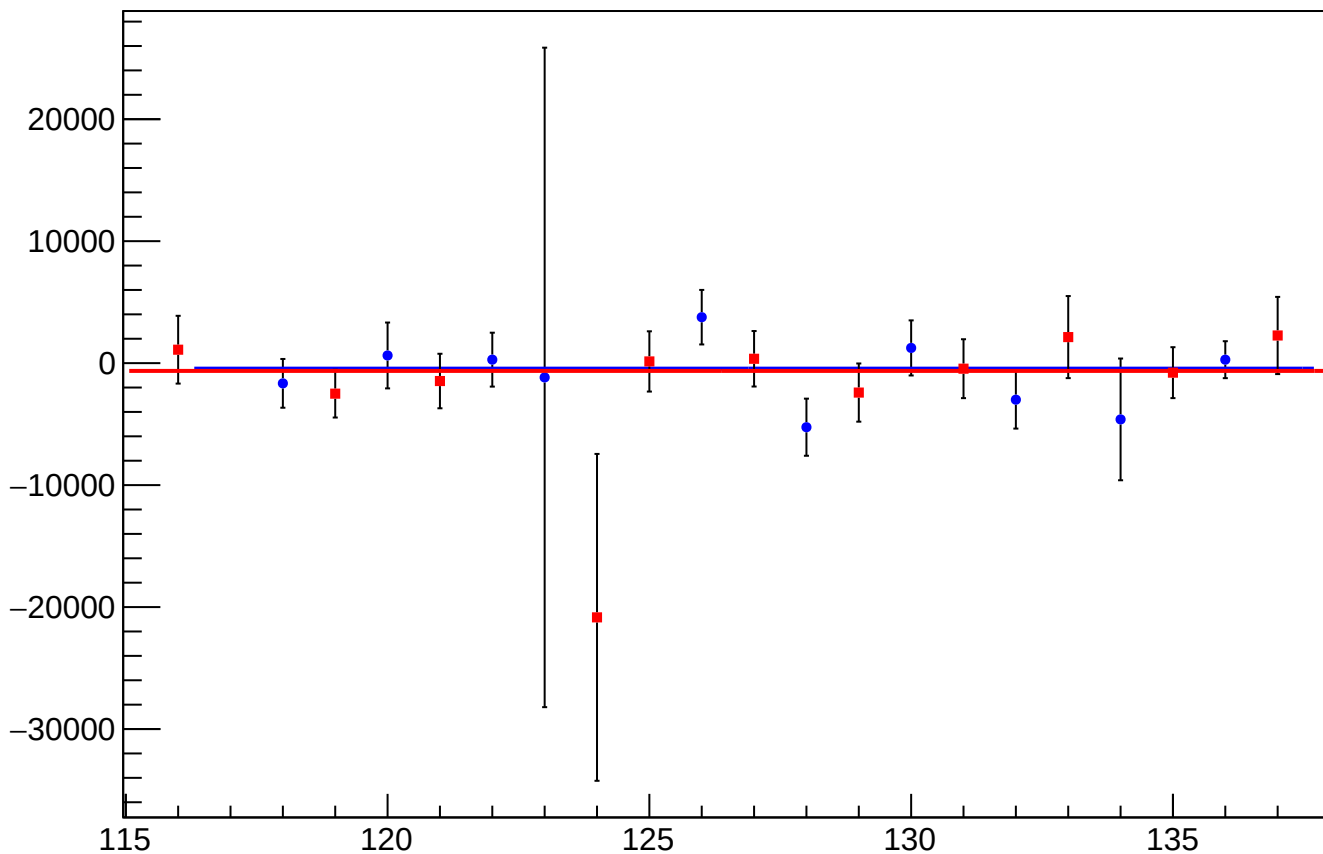
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -452.190+/-739.989 χ^2/NDF : 11.1/9

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

Right Out: -637.017+/-762.782 χ^2/NDF : 6.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

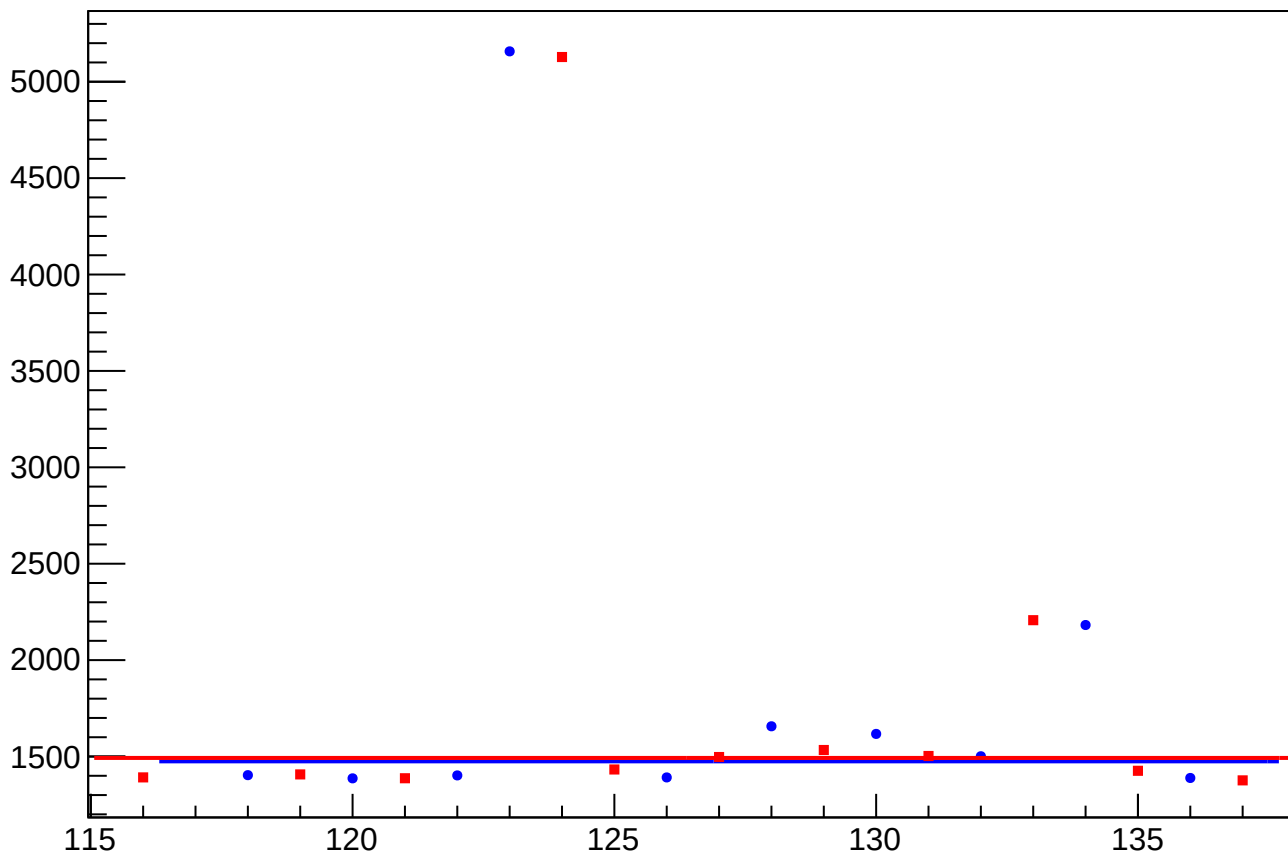
Right: -541.801+/-531.126 χ^2/NDF : 17.2/20

In: -452.190+/-739.989 χ^2/NDF :11.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -541.801+/-531.126 χ^2/NDF : 17.2/20

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1474.881+/-0.523 χ^2/NDF : 113671.3/9

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

Right Out: 1492.620+/-0.539 χ^2/NDF : 254913.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

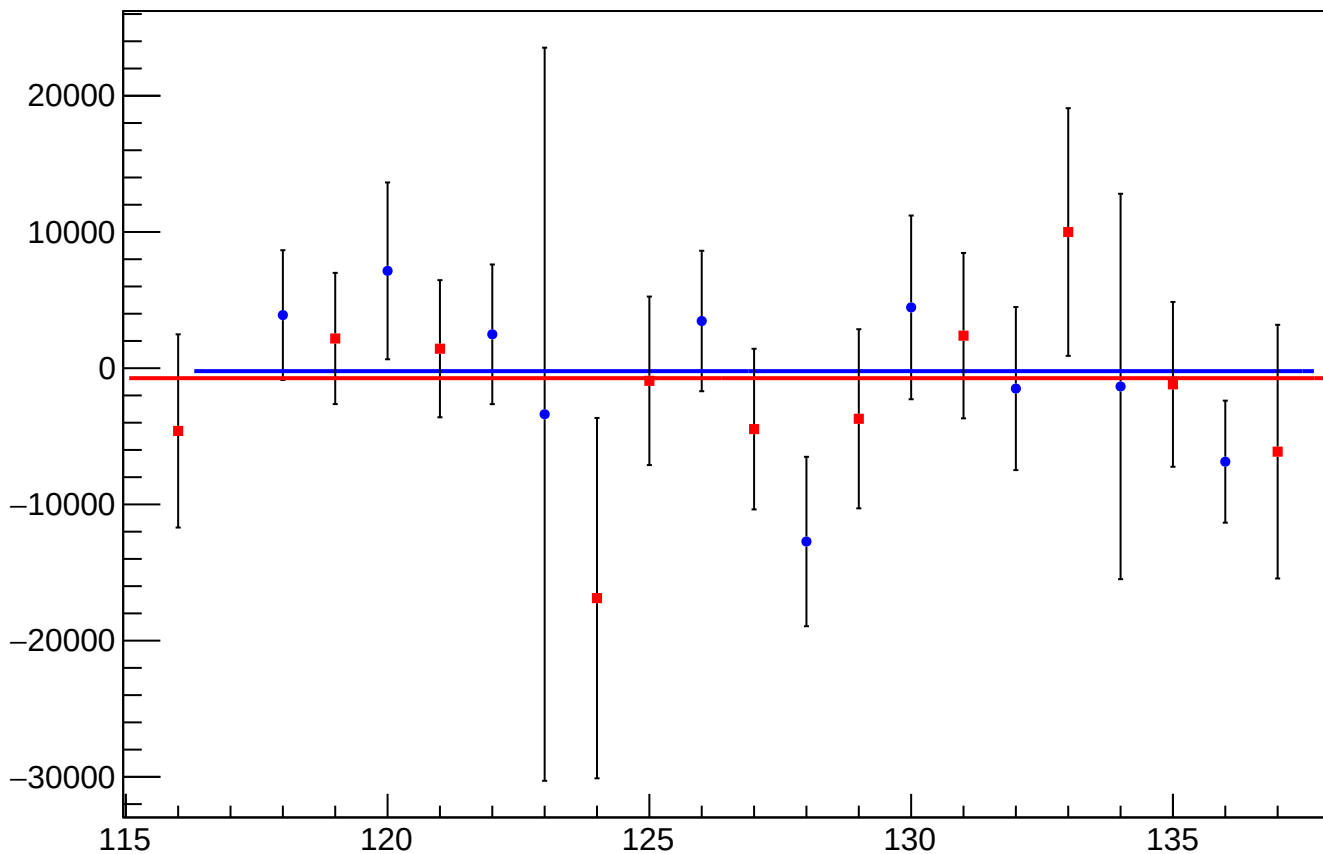
Right: 1483.482+/-0.376 χ^2/NDF : 369142.2/20

In: 1474.881+/-0.523 χ^2/NDF : 113671.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.482+/-0.376 χ^2/NDF : 369142.2/20

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -215.204+/-1905.208 χ^2/NDF : 9.6/9

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

Right Out: -732.239+/-1945.300 χ^2/NDF : 4.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

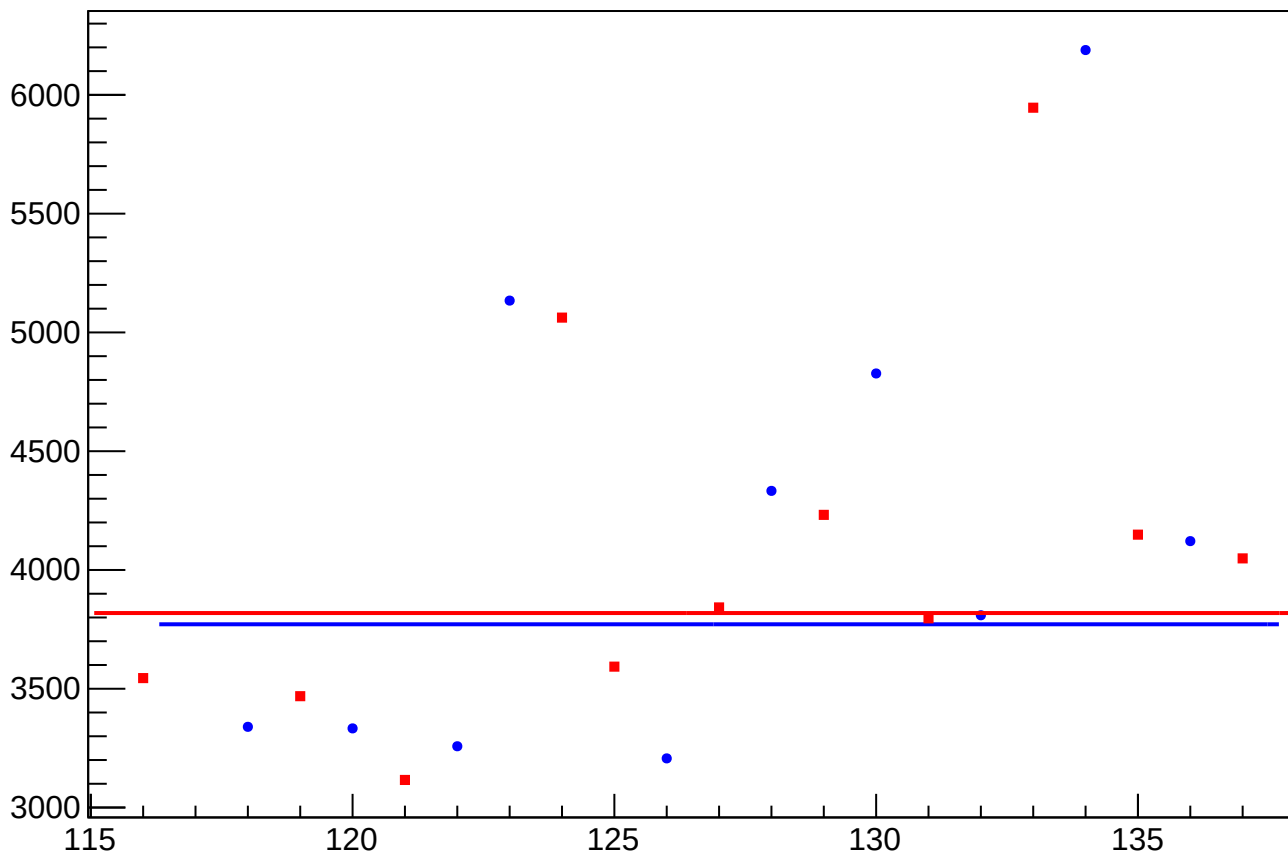
Right: -468.339+/-1361.139 χ^2/NDF : 14.6/20

In: -215.204+/-1905.208 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.339+/-1361.139 χ^2/NDF : 14.6/20

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3771.377+/-1.347 χ^2/NDF : 210763.9/9

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

Right Out: 3818.704+/-1.376 χ^2/NDF : 197488.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

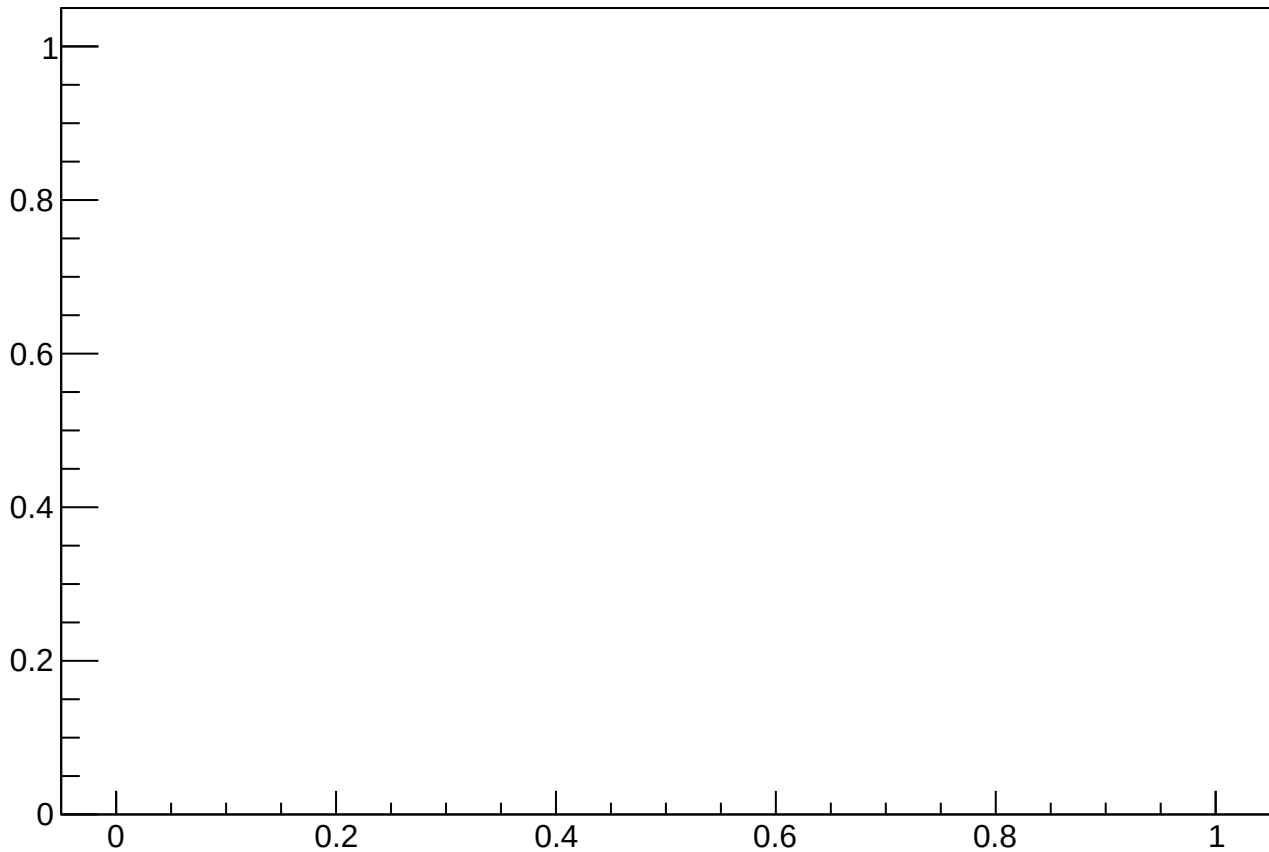
Right: 3794.548+/-0.962 χ^2/NDF : 408856.3/20

In: 3771.377+/-1.347 χ^2/NDF :210763.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3794.548+/-0.962 χ^2/NDF : 408856.3/20

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

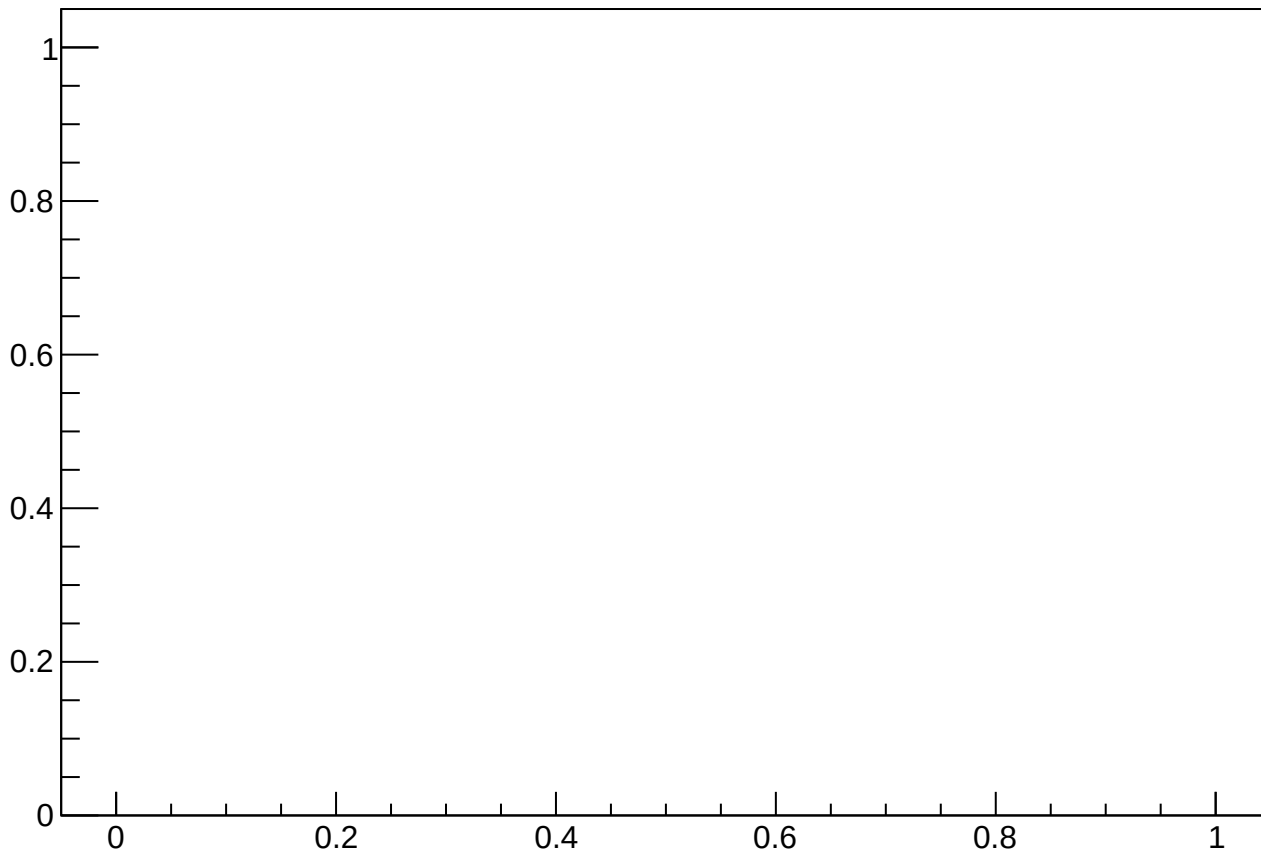
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

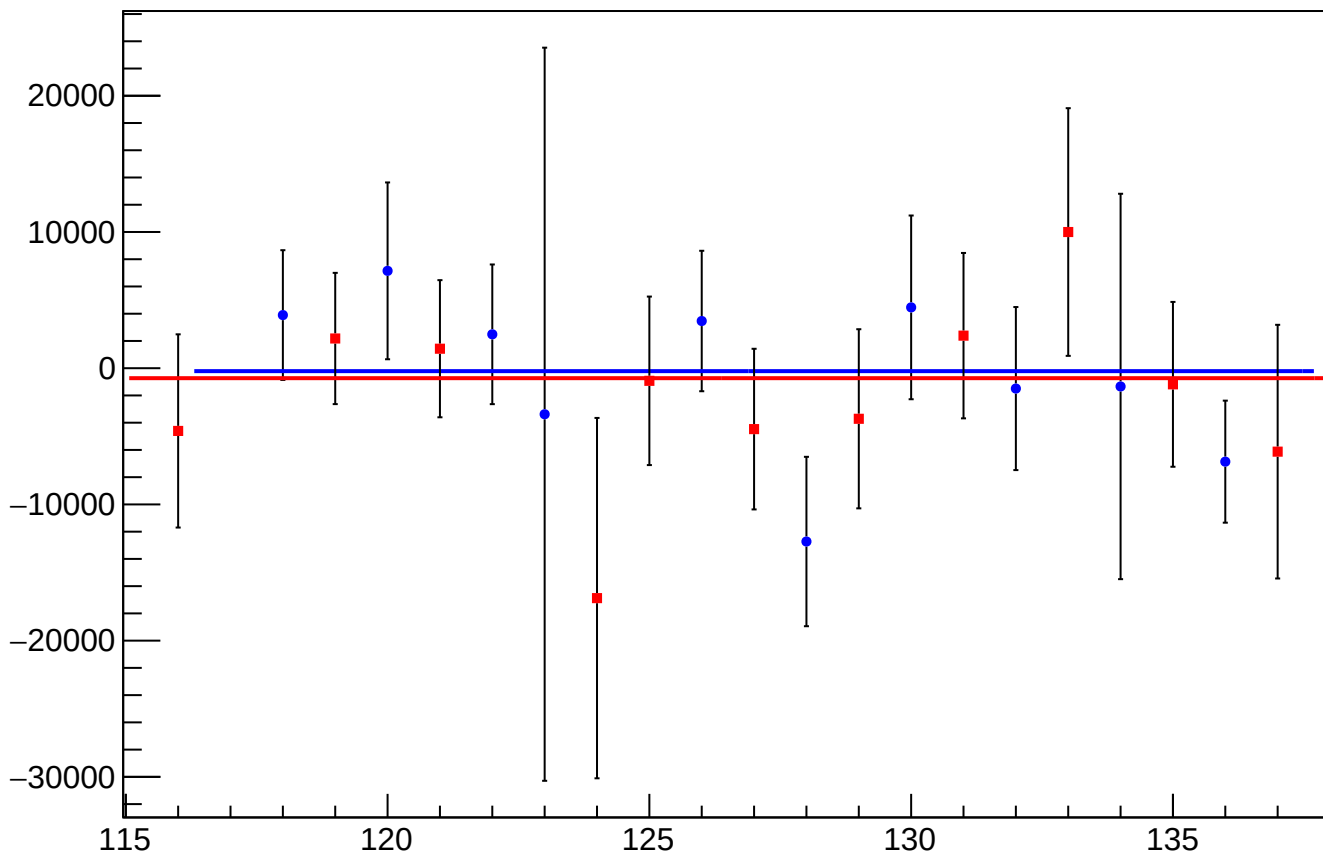
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -215.204+/-1905.208 χ^2/NDF : 9.6/9

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

Right Out: -732.239+/-1945.300 χ^2/NDF : 4.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

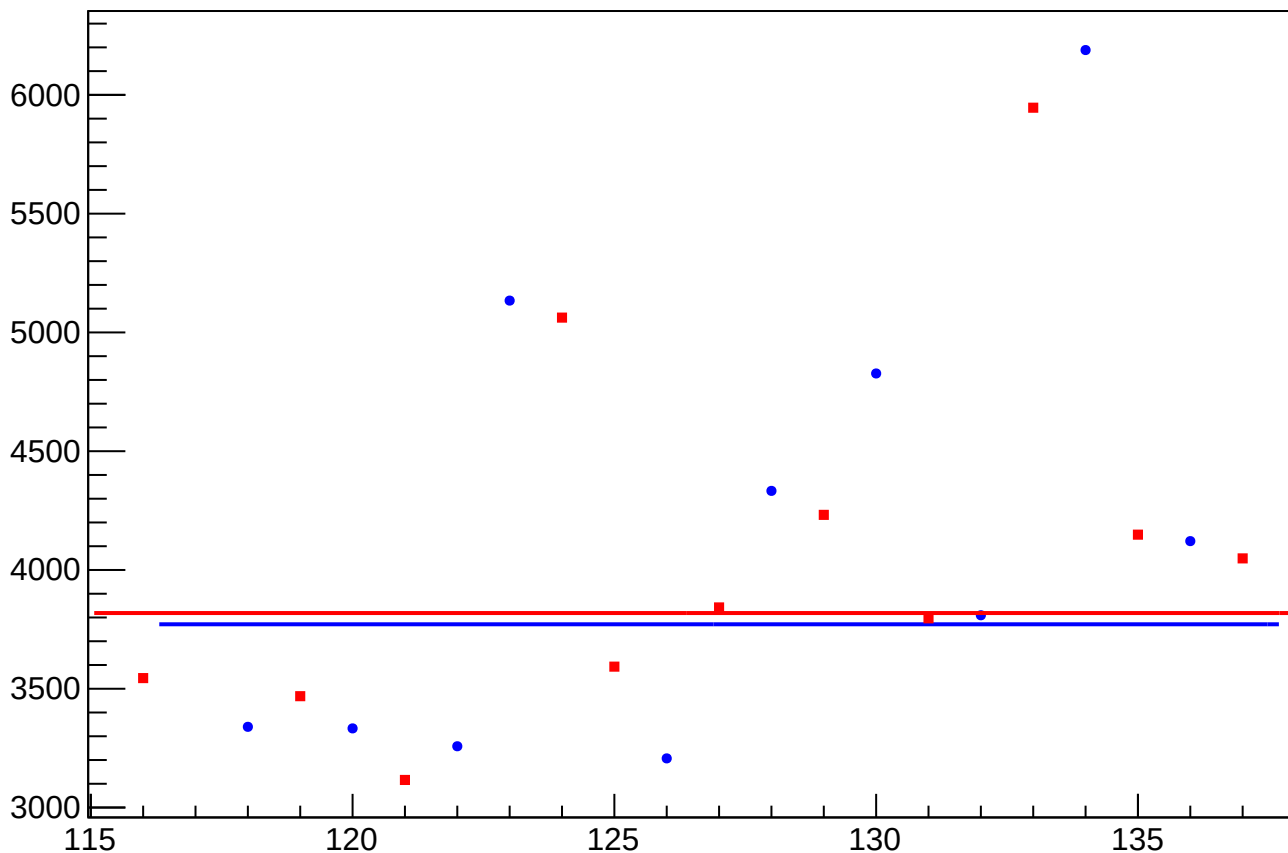
Right: -468.339+/-1361.139 χ^2/NDF : 14.6/20

In: -215.204+/-1905.208 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.339+/-1361.139 χ^2/NDF : 14.6/20

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3771.377+/-1.347 χ^2/NDF : 210763.9/9

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

Right Out: 3818.704+/-1.376 χ^2/NDF : 197488.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

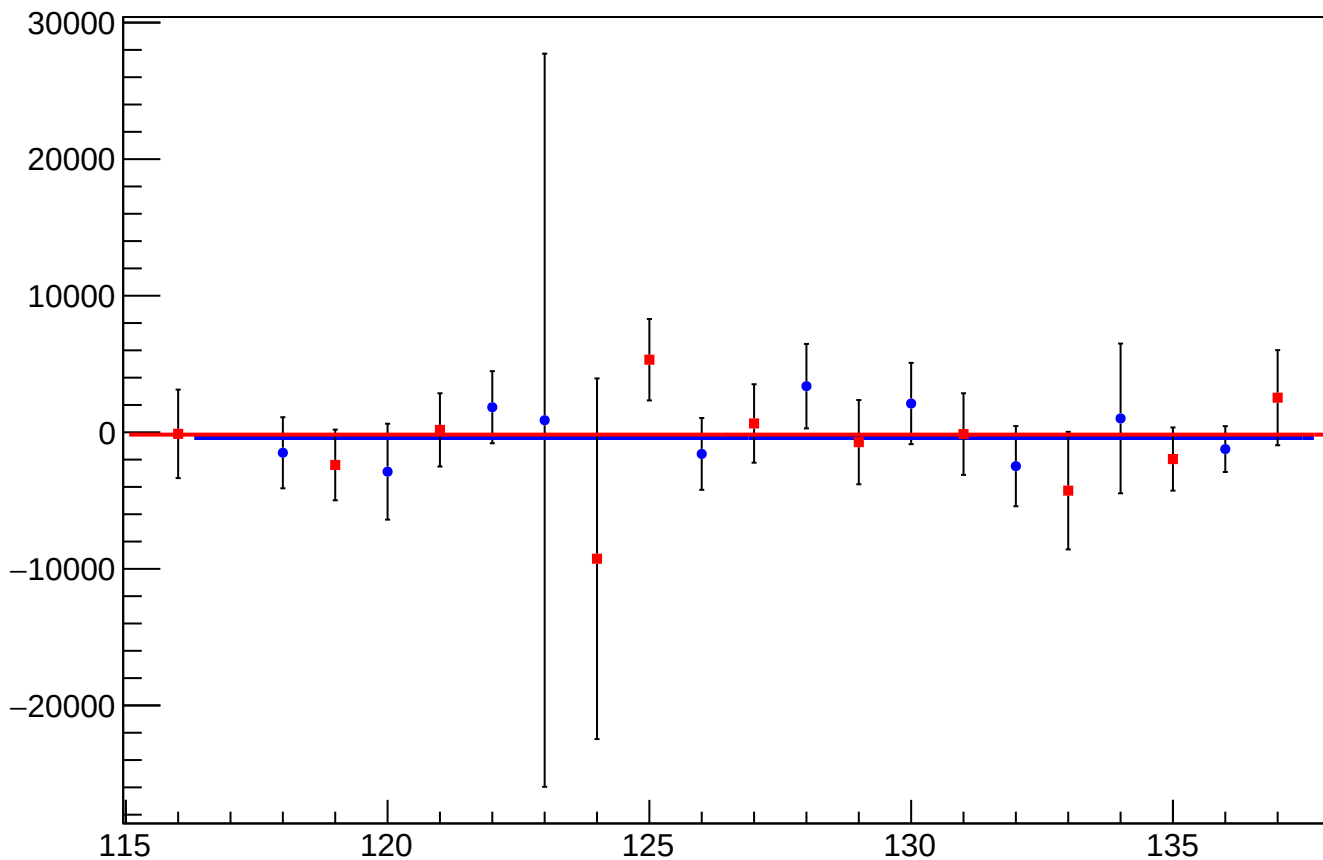
Right: 3794.548+/-0.962 χ^2/NDF : 408856.3/20

In: 3771.377+/-1.347 χ^2/NDF : 210763.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3794.548+/-0.962 χ^2/NDF : 408856.3/20

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -417.866+/-898.004 χ^2/NDF : 4.6/9

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

Right Out: -170.662+/-927.116 χ^2/NDF : 6.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

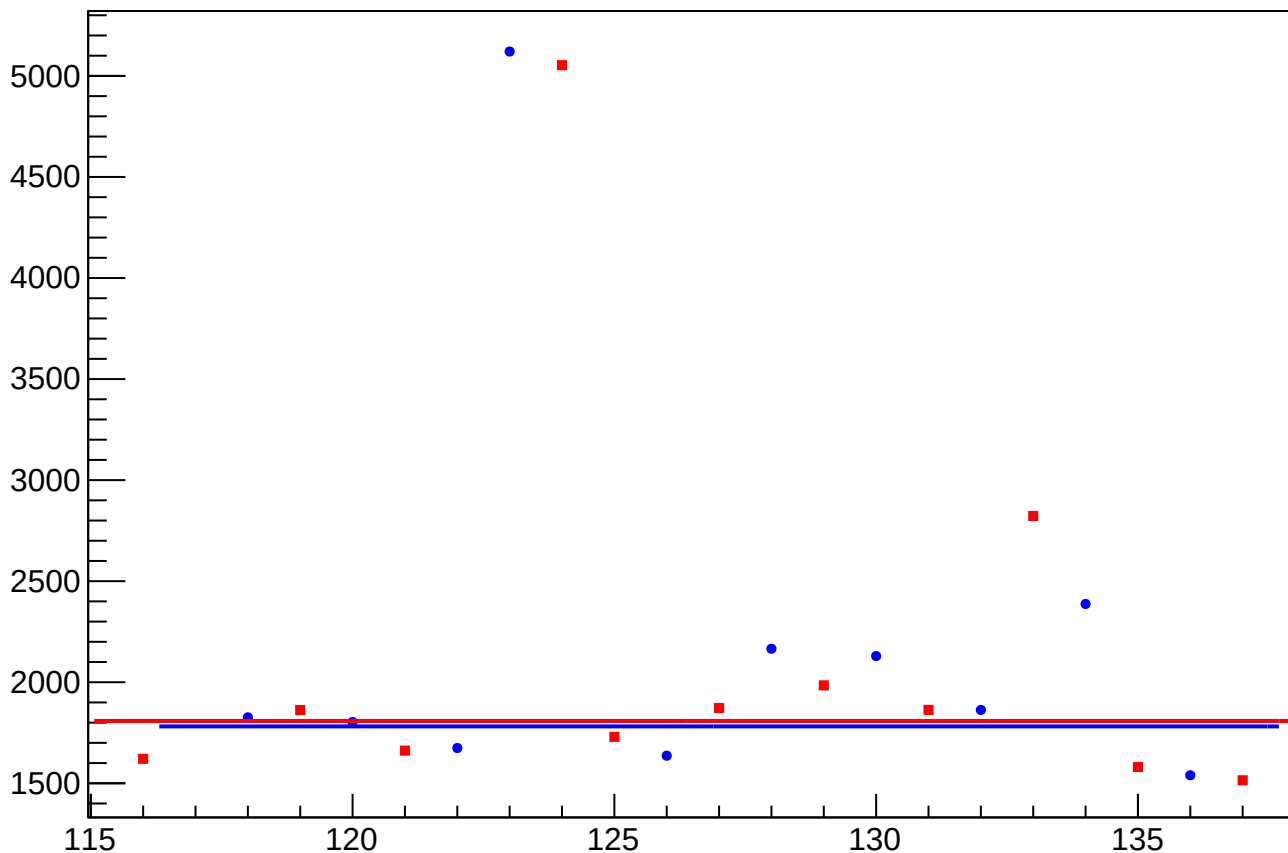
Right: -298.206+/-645.031 χ^2/NDF : 11.5/20

In: -417.866+/-898.004 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.206+/-645.031 χ^2/NDF : 11.5/20

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1781.405+/-0.635 χ^2/NDF : 166697.8/9

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

Right Out: 1808.296+/-0.656 χ^2/NDF : 288594.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

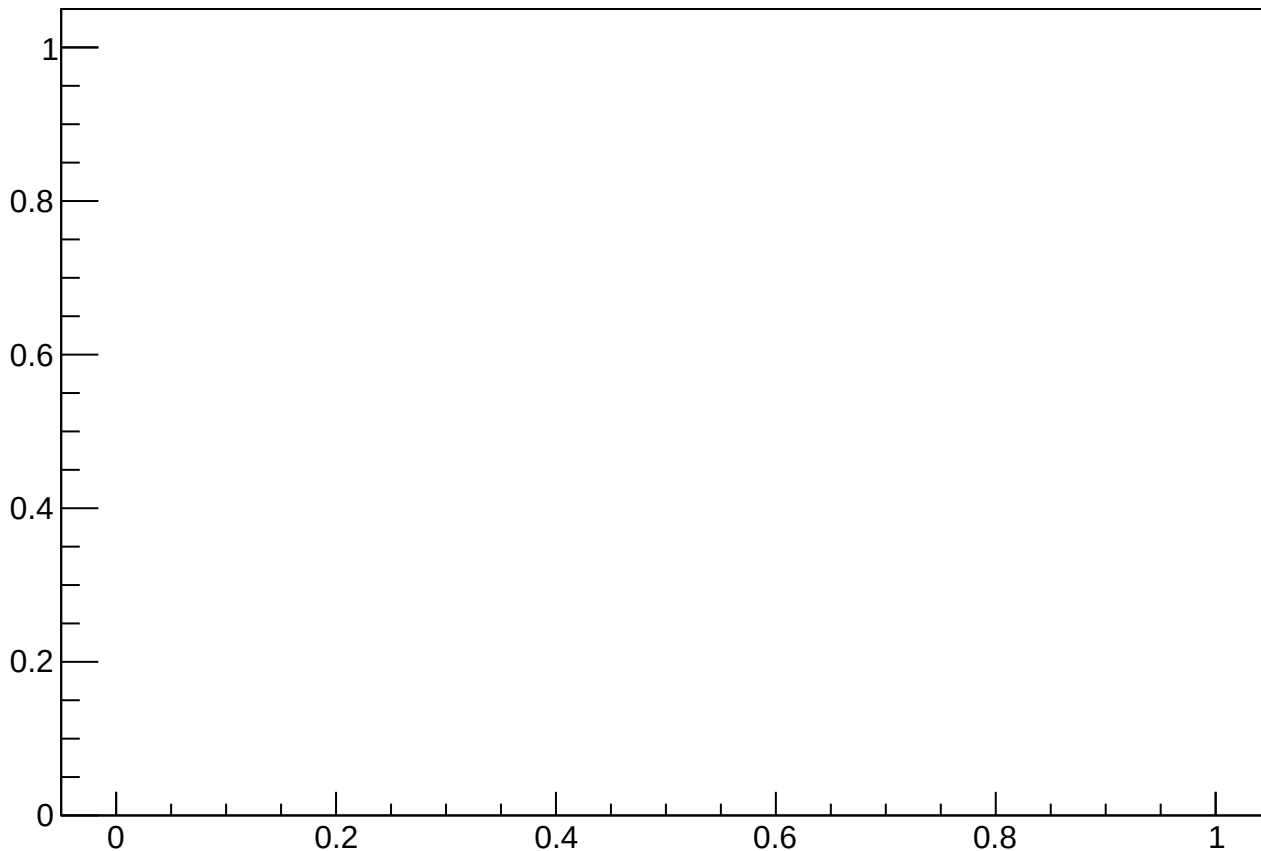
Right: 1794.421+/-0.456 χ^2/NDF : 456160.6/20

In: 1781.405+/-0.635 χ^2/NDF : 166697.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.421+/-0.456 χ^2/NDF : 456160.6/20

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

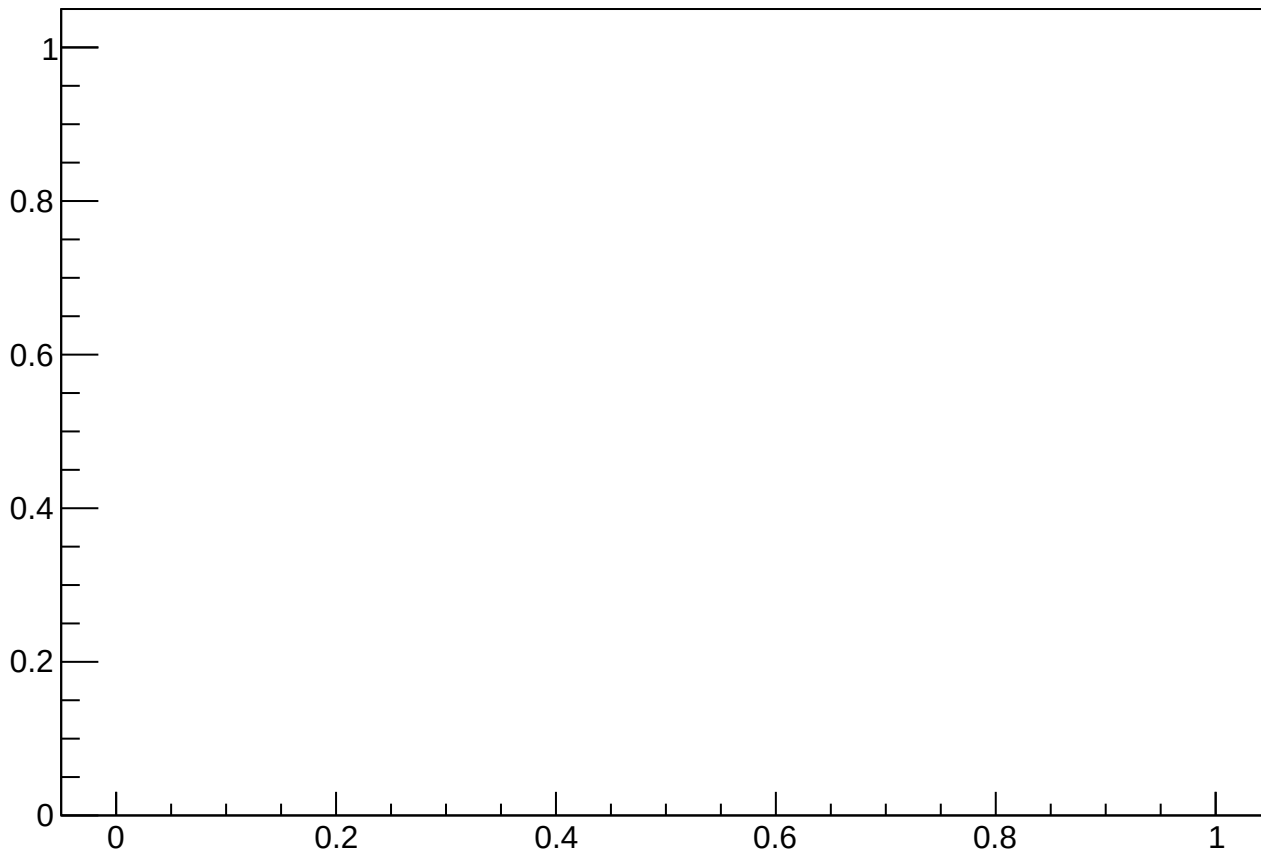
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

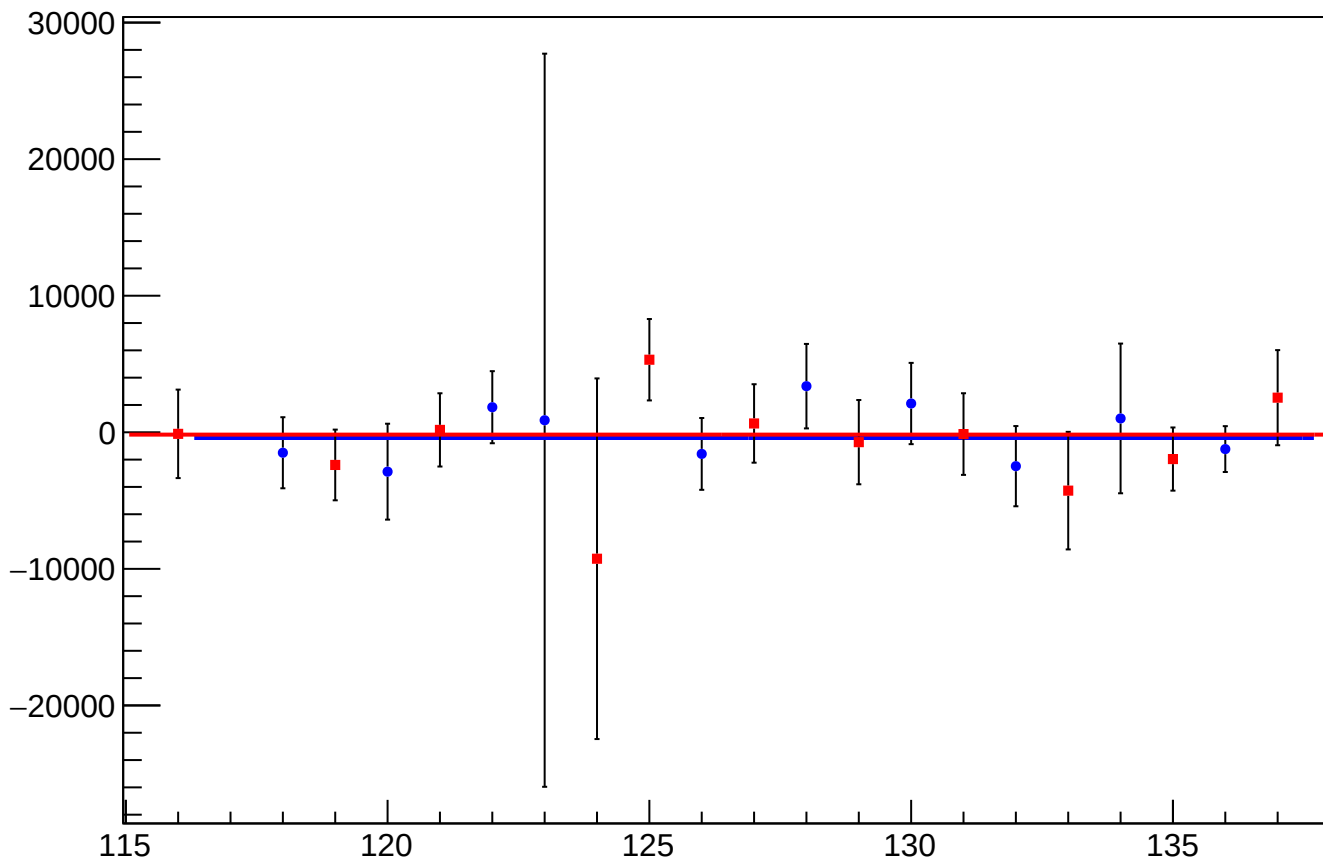
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -417.866+/-898.004 χ^2/NDF : 4.6/9

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

Right Out: -170.662+/-927.116 χ^2/NDF : 6.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

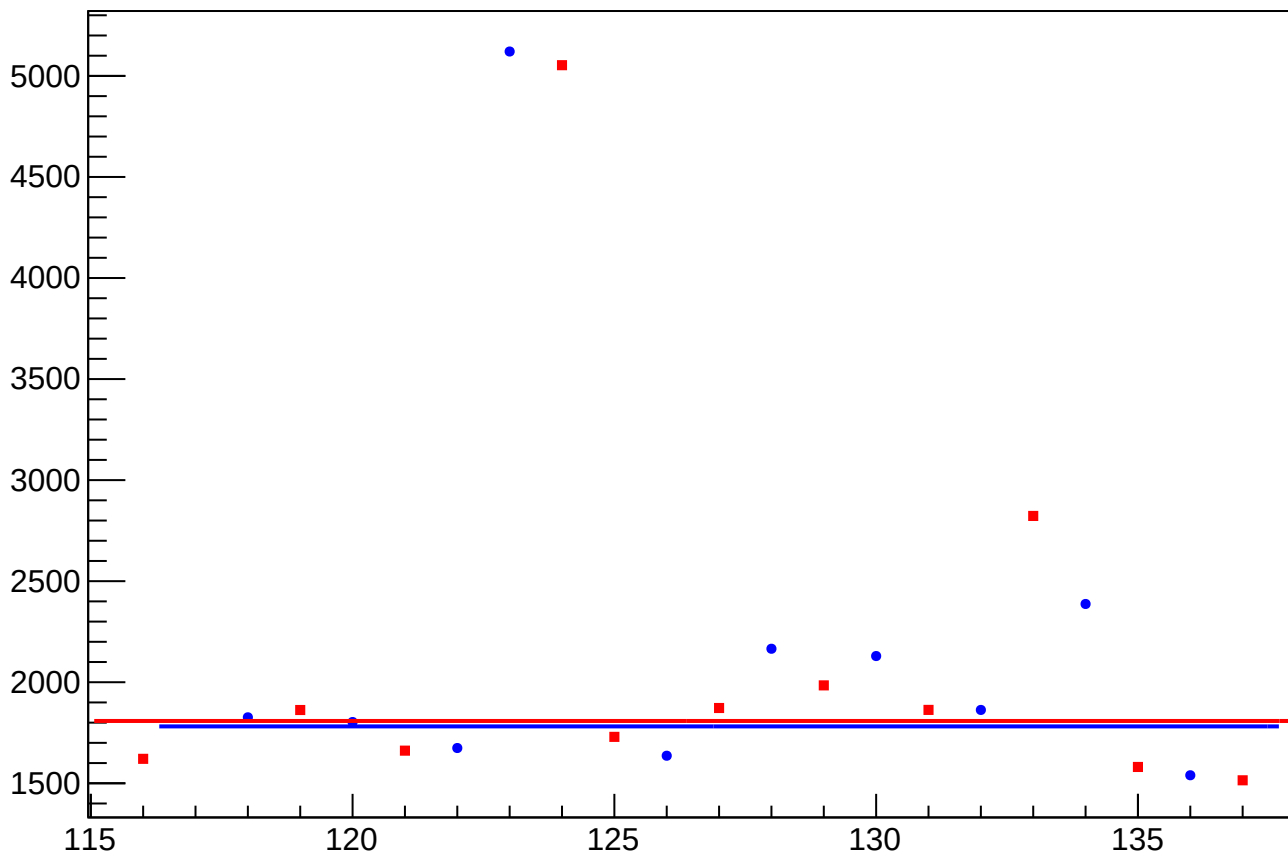
Right: -298.206+/-645.031 χ^2/NDF : 11.5/20

In: -417.866+/-898.004 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.206+/-645.031 χ^2/NDF : 11.5/20

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1781.405+/-0.635 χ^2/NDF : 166697.8/9

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

Right Out: 1808.296+/-0.656 χ^2/NDF : 288594.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

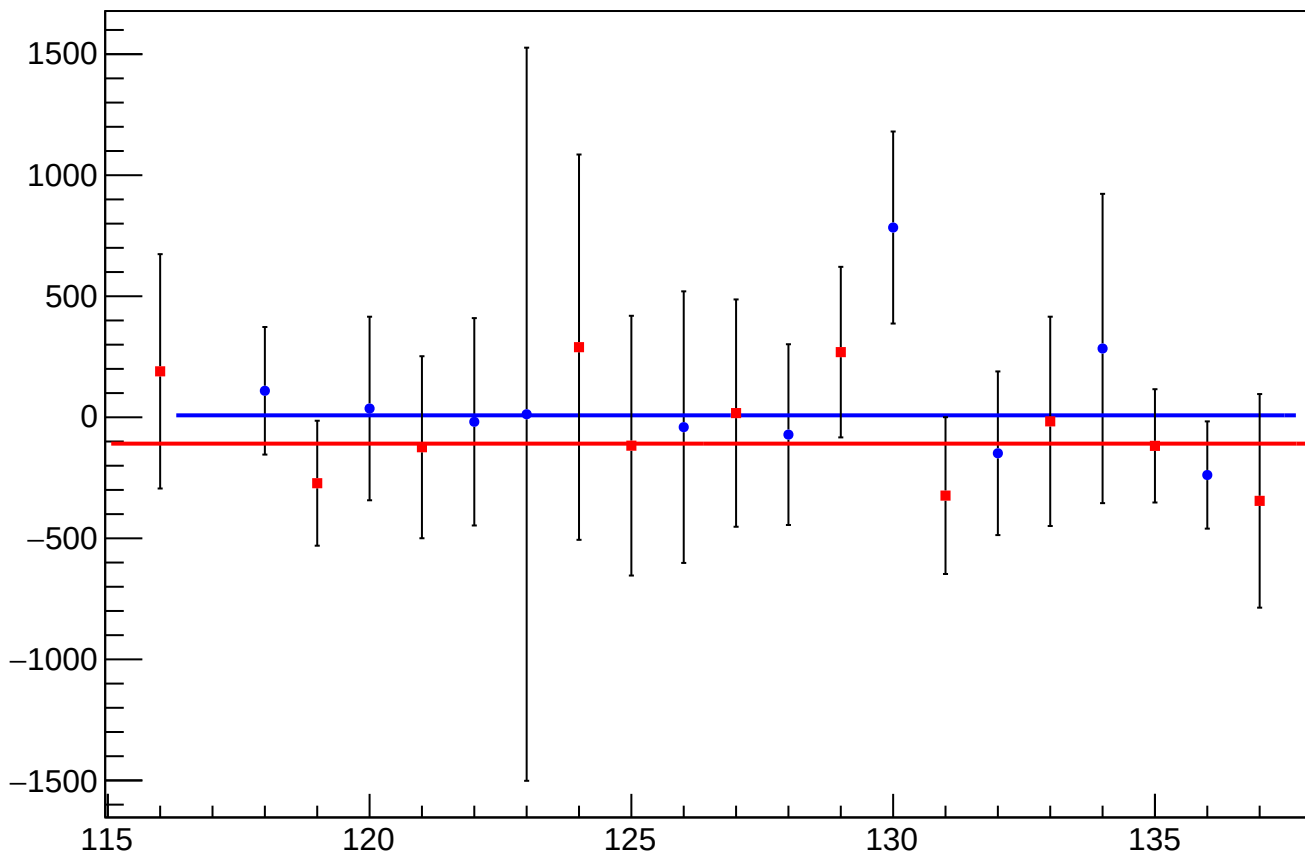
Right: 1794.421+/-0.456 χ^2/NDF : 456160.6/20

In: 1781.405+/-0.635 χ^2/NDF : 166697.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.421+/-0.456 χ^2/NDF : 456160.6/20

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 8.106 ± 115.061 χ^2/NDF : 5.7/9

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

Right Out: -108.818 ± 110.241 χ^2/NDF : 3.0/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

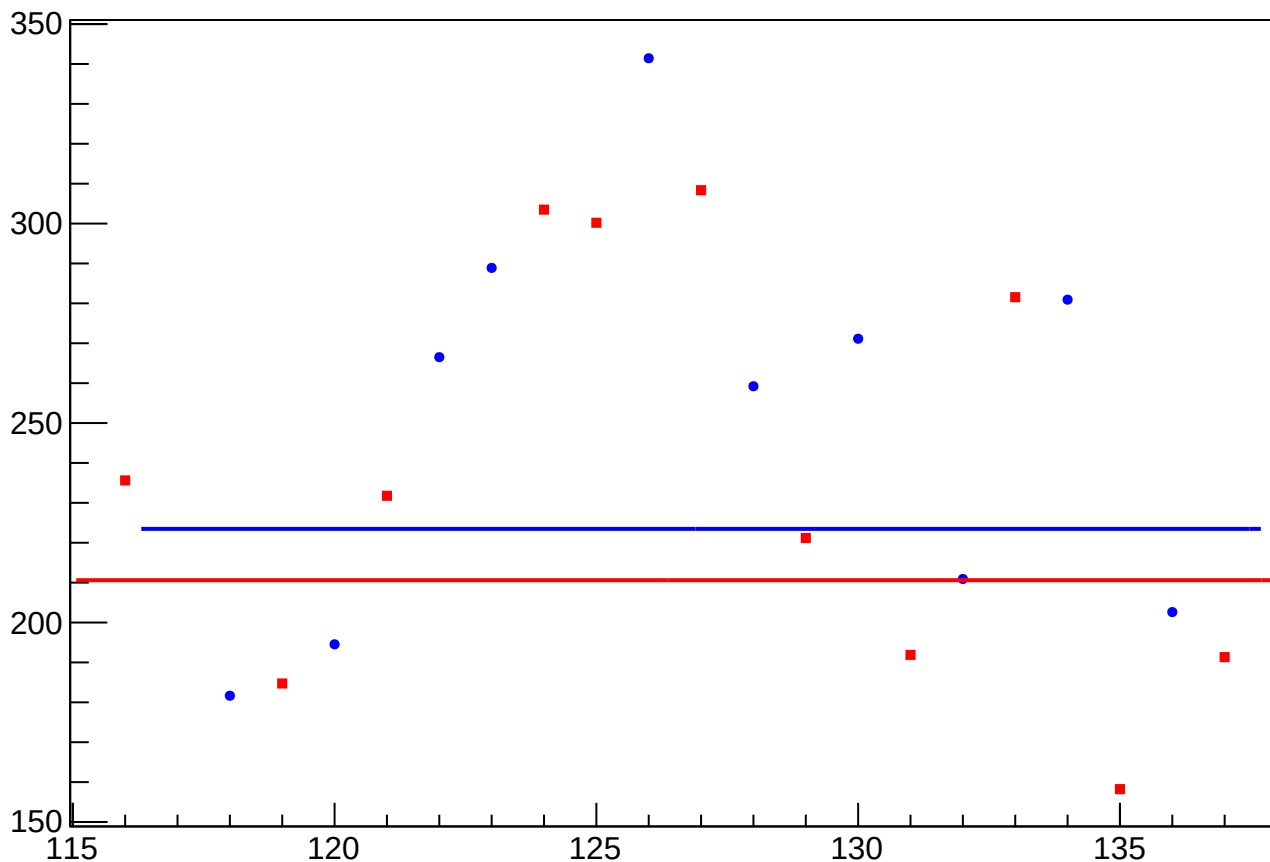
Right: -52.856 ± 79.602 χ^2/NDF : 9.2/20

In: 8.106 ± 115.061 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.856 ± 79.602 χ^2/NDF : 9.2/20

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 223.473+/-0.081 χ^2/NDF : 258266.9/9

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

Right Out: 210.612+/-0.078 χ^2/NDF : 367817.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

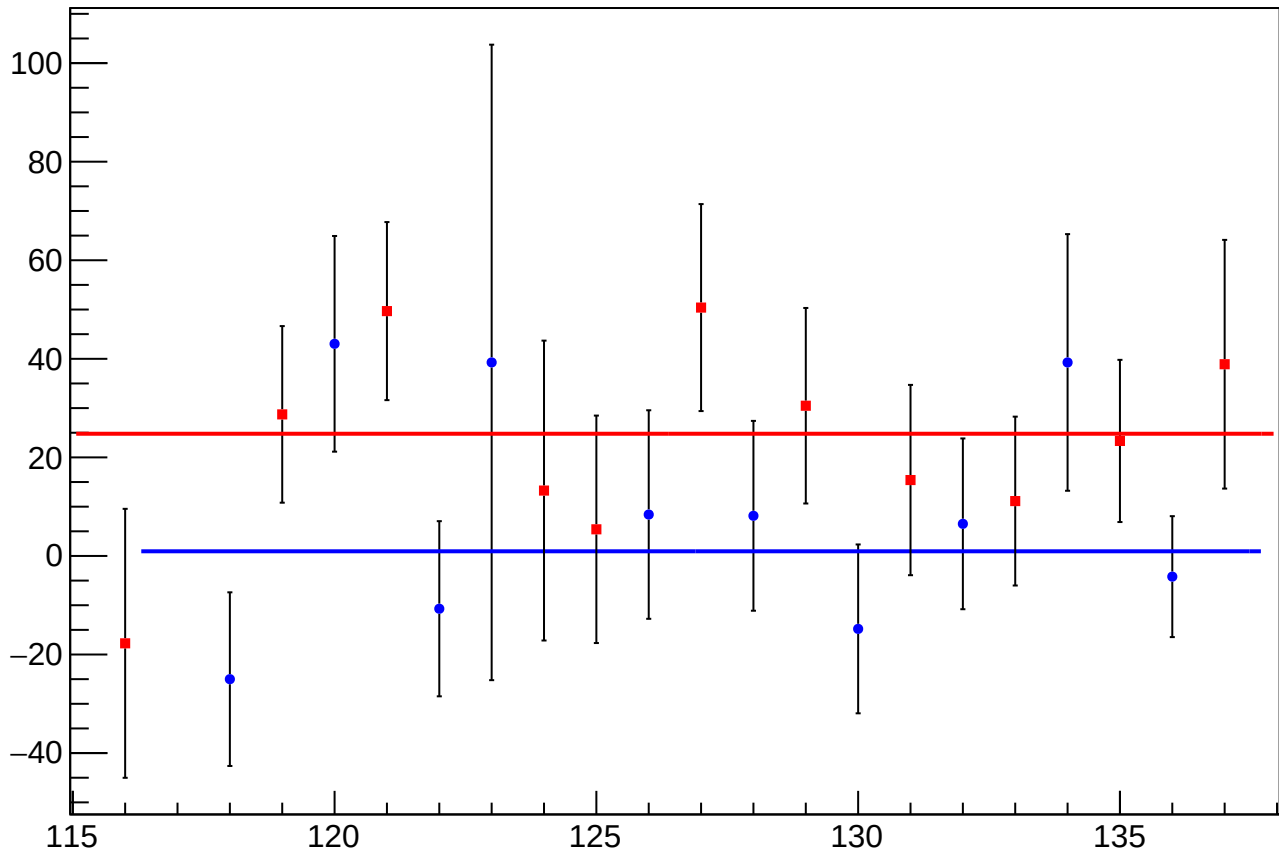
Right: 216.767+/-0.056 χ^2/NDF : 639111.7/20

In: 223.473+/-0.081 χ^2/NDF :258266.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 216.767+/-0.056 χ^2/NDF : 639111.7/20

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.945+/-5.923 χ^2/NDF : 10.2/9

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

Right Out: 24.797+/-6.127 χ^2/NDF : 8.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

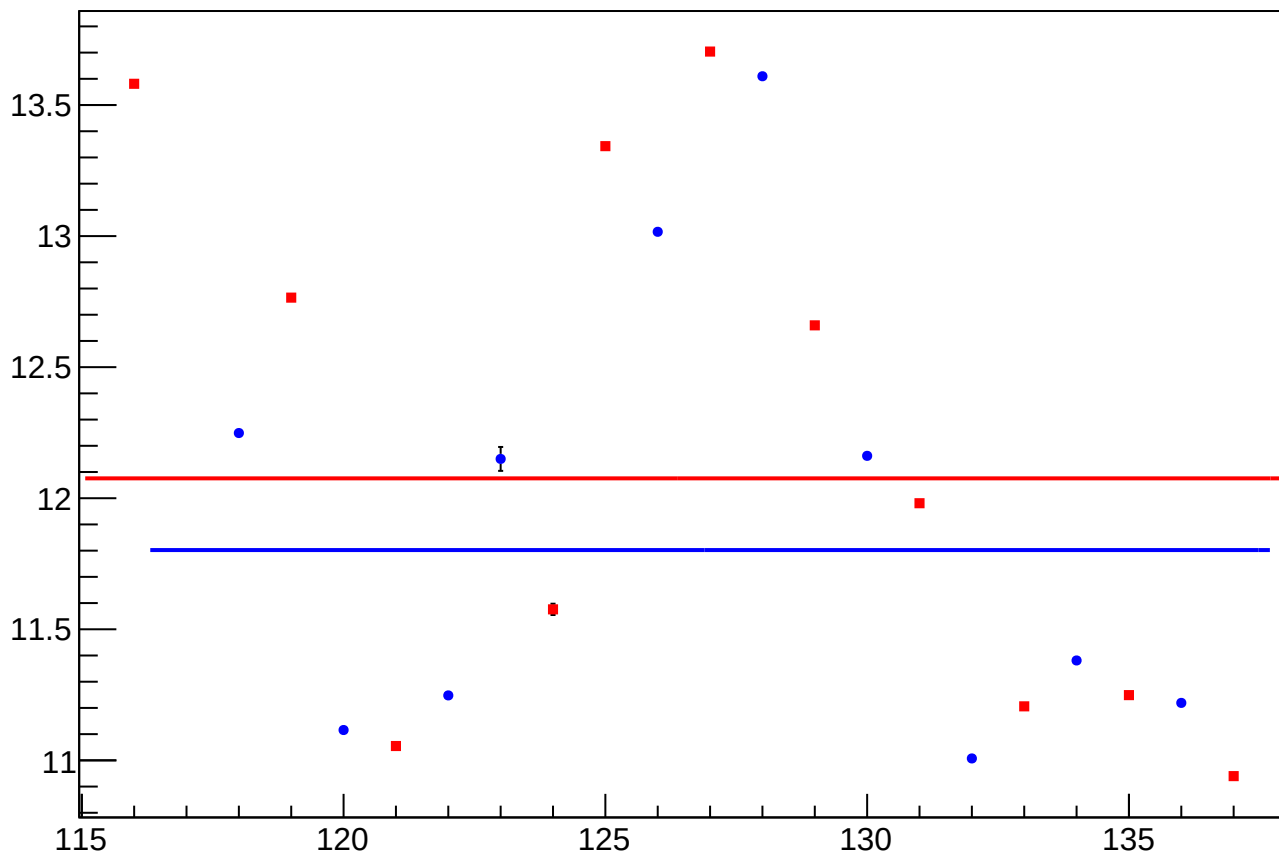
Right: 12.468+/-4.258 χ^2/NDF : 26.0/20

In: 0.945+/-5.923 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.468+/-4.258 χ^2/NDF : 26.0/20

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.802+/-0.004 χ^2/NDF : 39590.2/9

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

Right Out: 12.076+/-0.004 χ^2/NDF : 50068.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

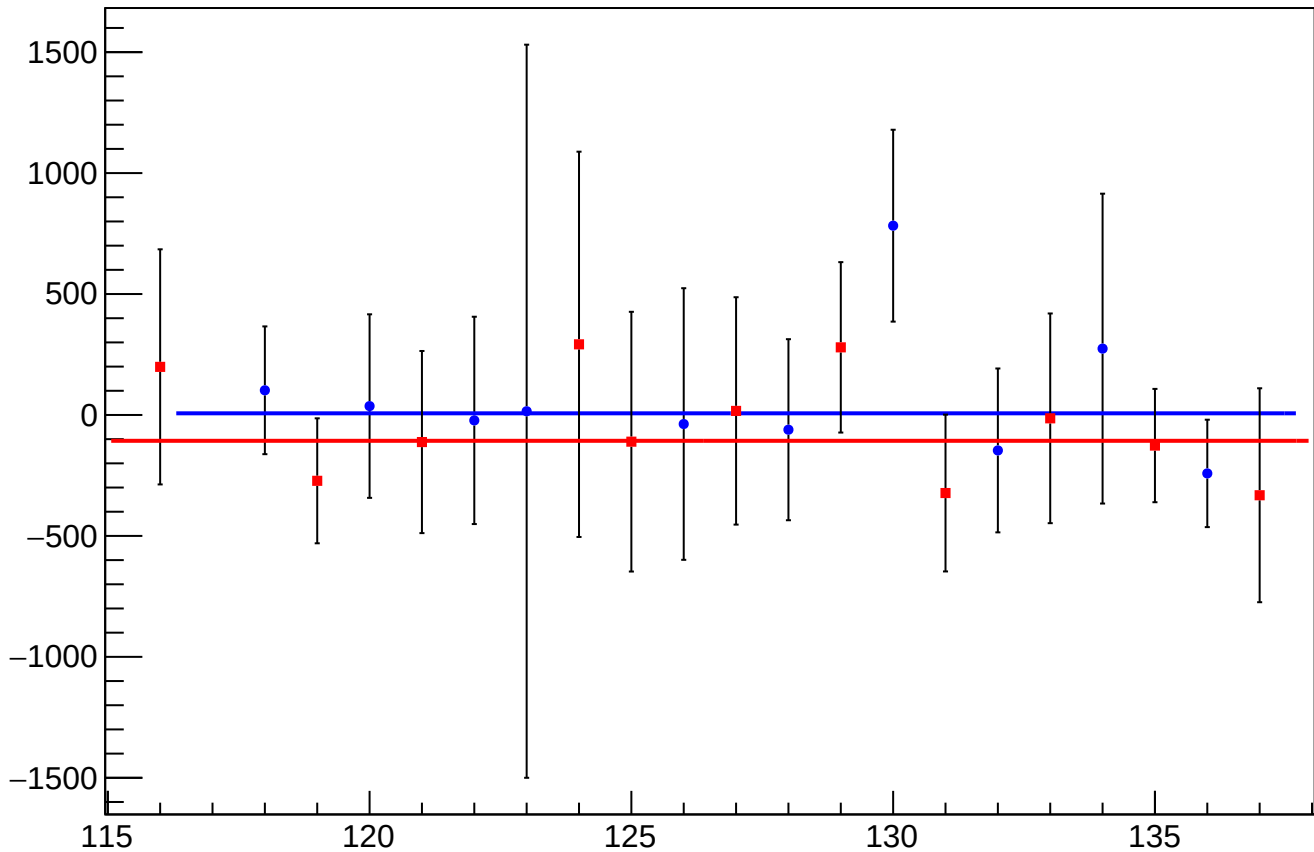
Right: 11.934+/-0.003 χ^2/NDF : 91719.7/20

In: 11.802+/-0.004 χ^2/NDF : 39590.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.934+/-0.003 χ^2/NDF : 91719.7/20

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 6.838 ± 115.267 χ^2/NDF : 5.6/9

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

Right Out: -106.791 ± 110.378 χ^2/NDF : 3.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

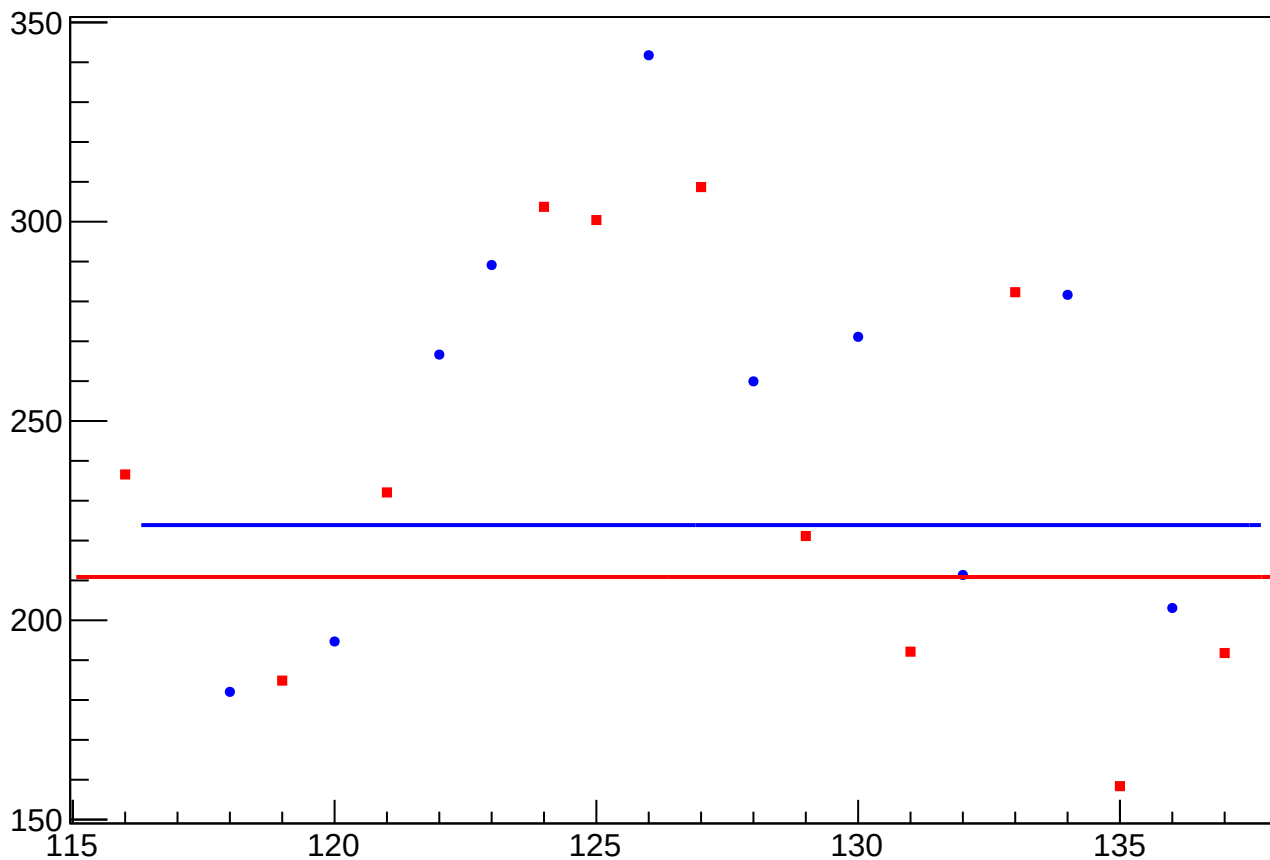
Right: -52.437 ± 79.721 χ^2/NDF : 9.2/20

In: 6.838 ± 115.267 χ^2/NDF : 5.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.437 ± 79.721 χ^2/NDF : 9.2/20

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 223.887+/-0.082 χ^2/NDF : 257298.3/9

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

Right Out: 210.865+/-0.078 χ^2/NDF : 368486.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

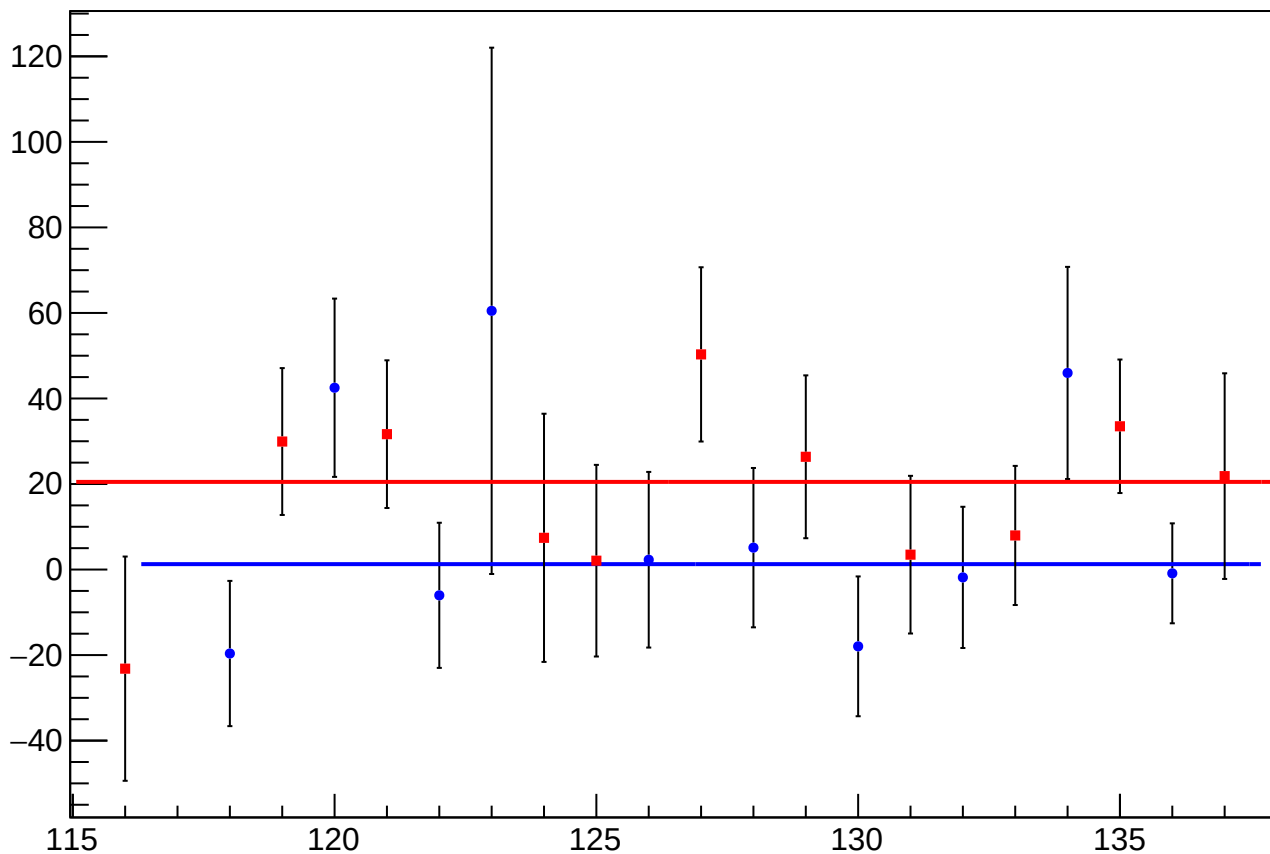
Right: 217.094+/-0.056 χ^2/NDF : 639099.5/20

In: 223.887+/-0.082 χ^2/NDF : 257298.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.094+/-0.056 χ^2/NDF : 639099.5/20

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.263+/-5.669 χ^2/NDF : 11.3/9

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

Right Out: 20.494+/-5.862 χ^2/NDF : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

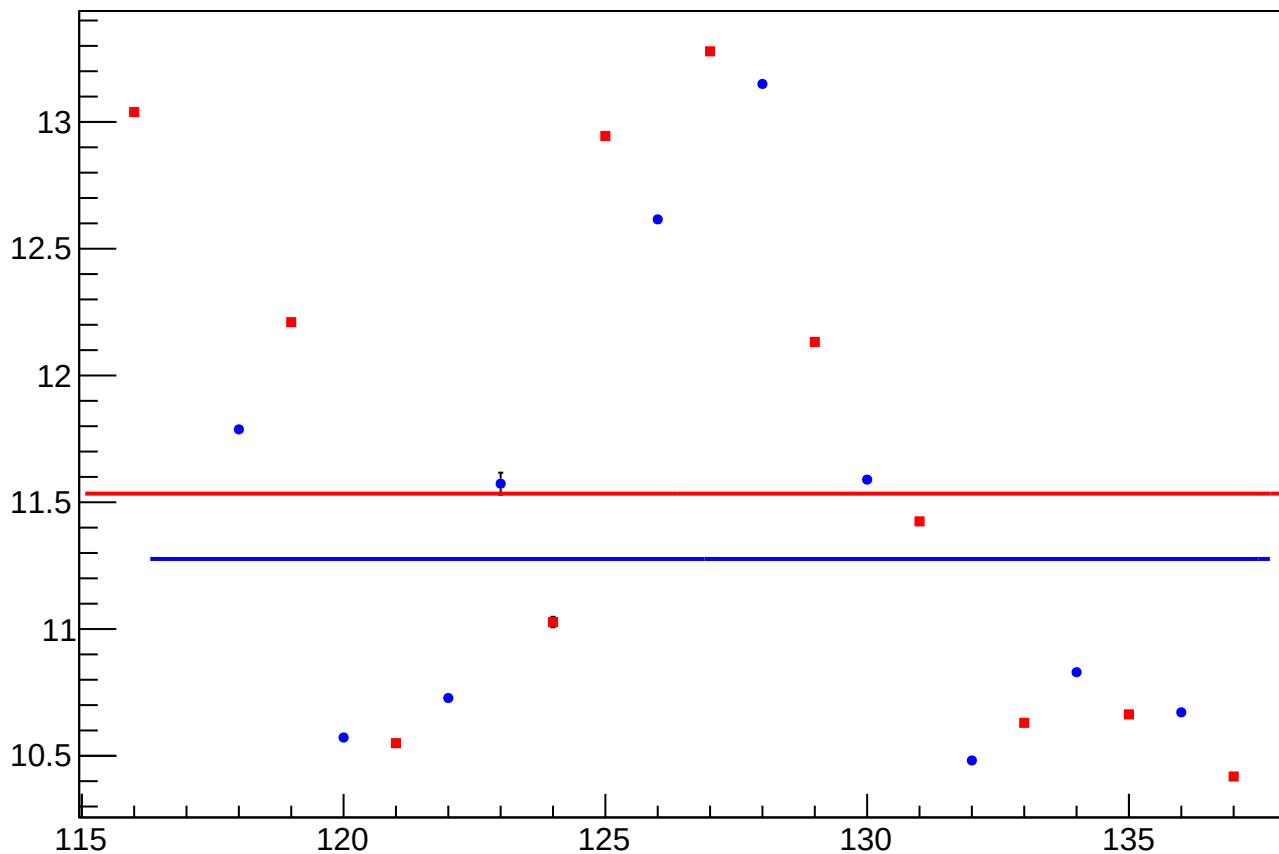
Right: 10.557+/-4.075 χ^2/NDF : 25.6/20

In: 1.263+/-5.669 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.557+/-4.075 χ^2/NDF : 25.6/20

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.276+/-0.004 χ^2/NDF : 46332.7/9

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

Right Out: 11.534+/-0.004 χ^2/NDF : 58135.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

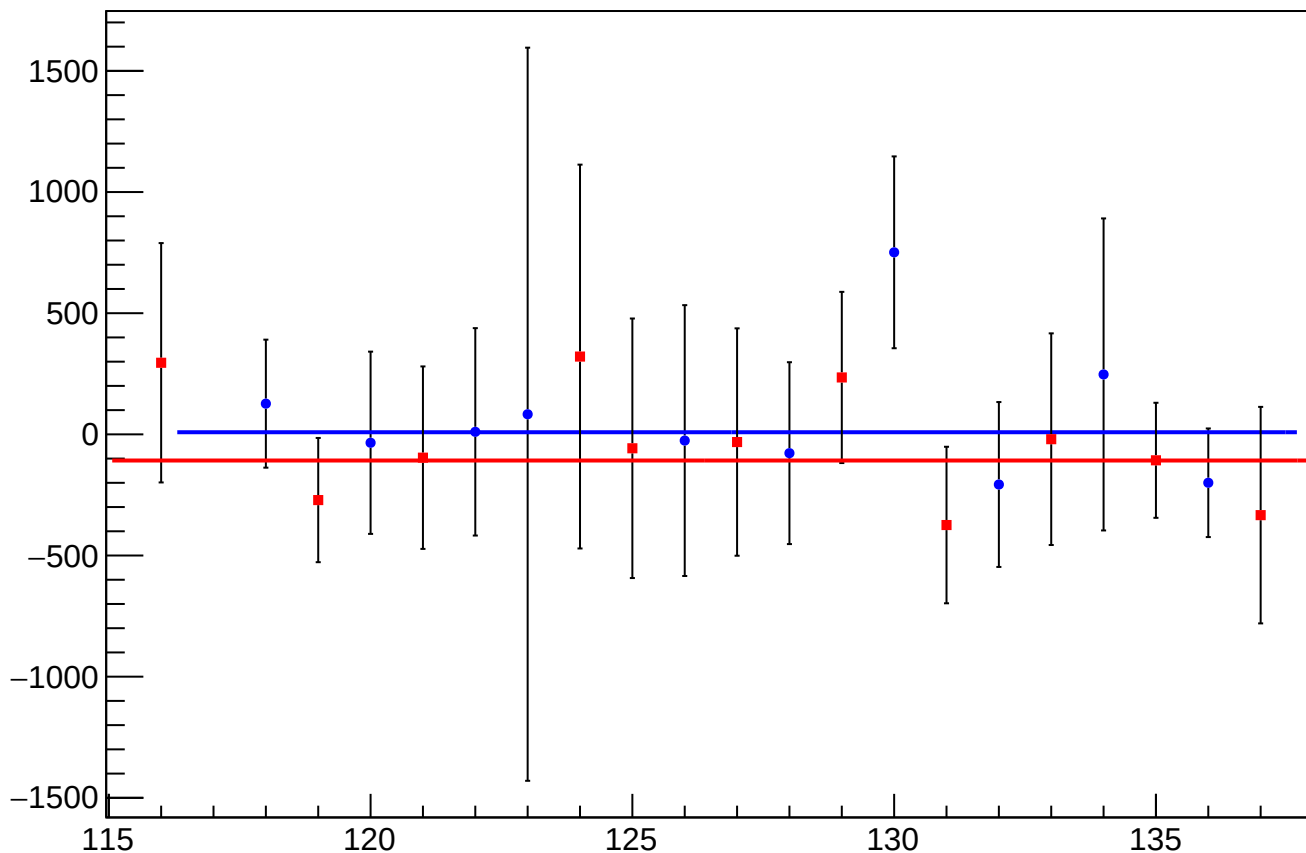
Right: 11.401+/-0.003 χ^2/NDF : 106466.8/20

In: 11.276+/-0.004 χ^2/NDF : 46332.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.401+/-0.003 χ^2/NDF : 106466.8/20

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 8.761+/-115.517 χ^2/NDF : 5.2/9

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

Right Out: -107.931+/-110.712 χ^2/NDF : 3.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

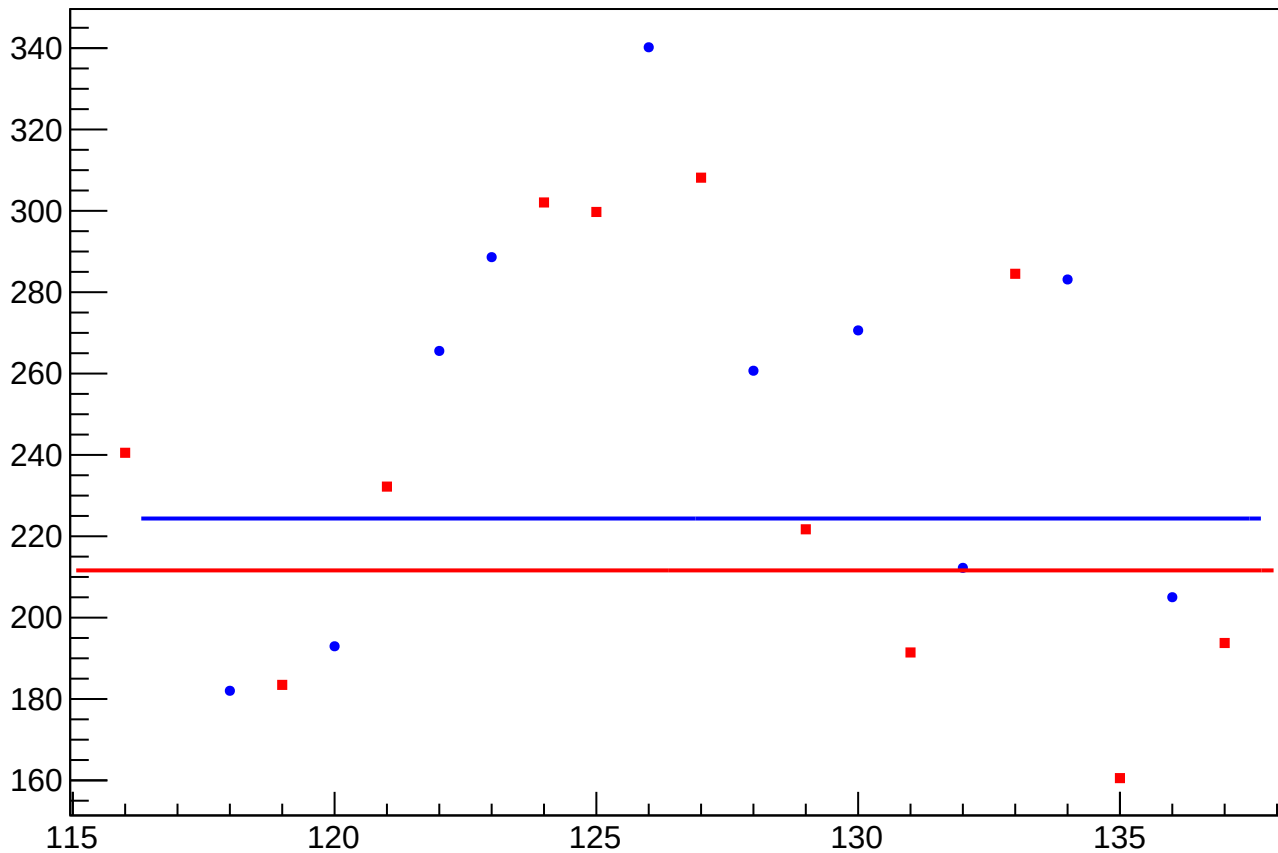
Right: -52.062+/-79.930 χ^2/NDF : 9.0/20

In: 8.761+/-115.517 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.062+/-79.930 χ^2/NDF : 9.0/20

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 224.367+/-0.082 χ^2/NDF : 253545.8/9

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

Right Out: 211.613+/-0.078 χ^2/NDF : 362725.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

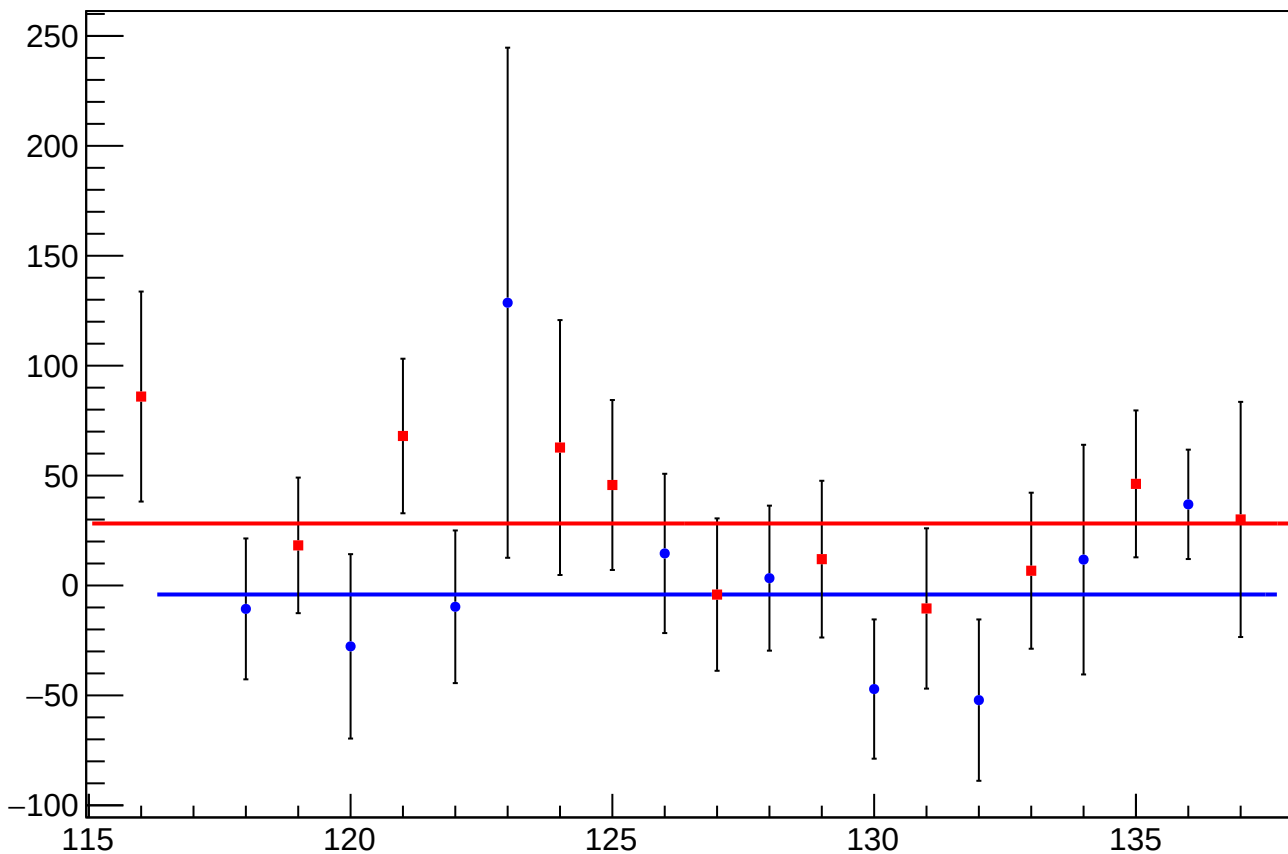
Right: 217.719+/-0.057 χ^2/NDF : 628979.9/20

In: 224.367+/-0.082 χ^2/NDF : 253545.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.719+/-0.057 χ^2/NDF : 628979.9/20

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.095 ± 11.288 χ^2/NDF : 8.4/9

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

Right Out: 28.204 ± 11.414 χ^2/NDF : 6.3/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

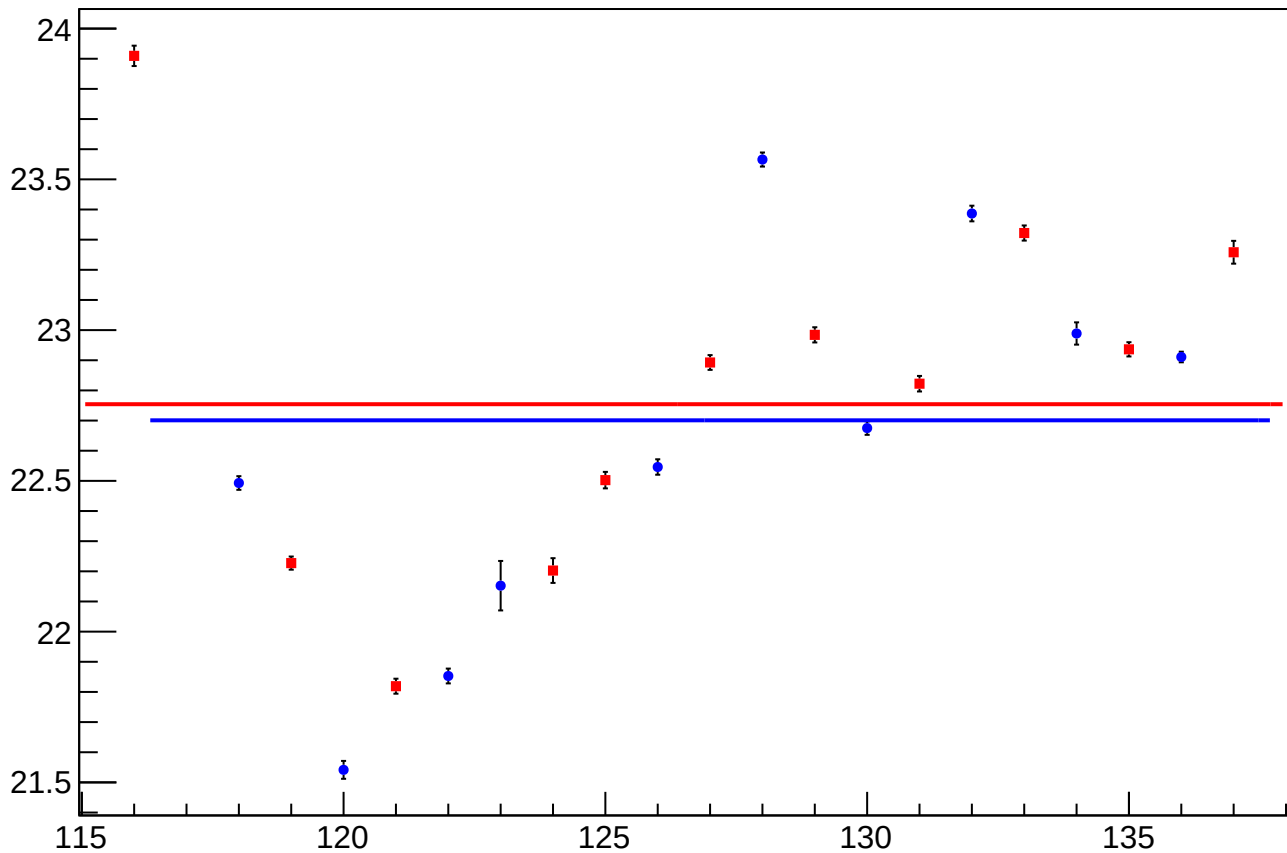
Right: 11.875 ± 8.026 χ^2/NDF : 18.7/20

In: -4.095 ± 11.288 χ^2/NDF : 8.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 11.875 ± 8.026 χ^2/NDF : 18.7/20

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.701 $\pm$ 0.008 χ^2 /NDF: 5163.9/9

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

Right Out: 22.754 $\pm$ 0.008 χ^2 /NDF: 4305.6/10

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

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

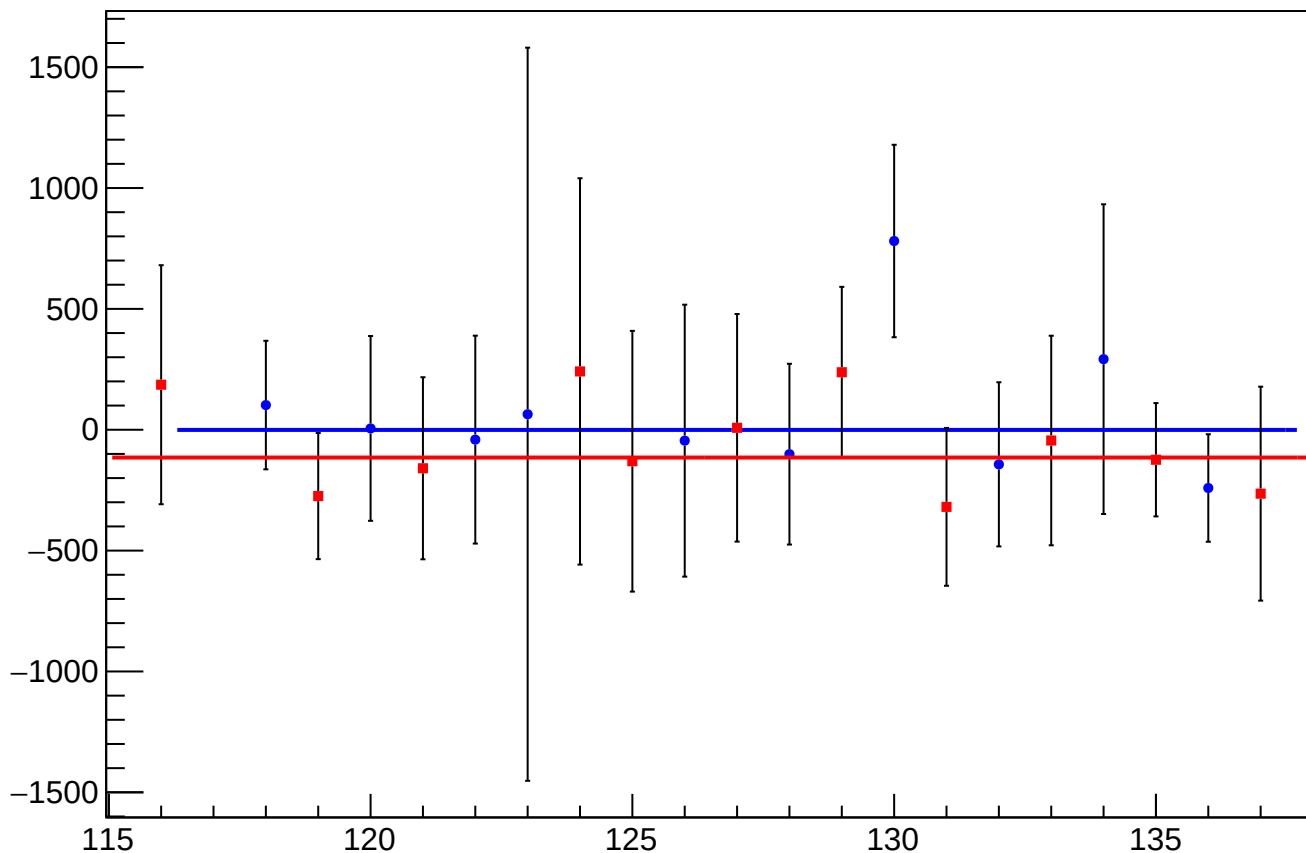
Right: 22.727 $\pm$ 0.006 χ^2 /NDF: 9491.6/20

In: 22.701 $\pm$ 0.008 χ^2 /NDF:5163.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.727 $\pm$ 0.006 χ^2 /NDF: 9491.6/20

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -0.716+/-115.634 χ^2/NDF : 5.6/9

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

Right Out: -115.014+/-110.866 χ^2/NDF : 2.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

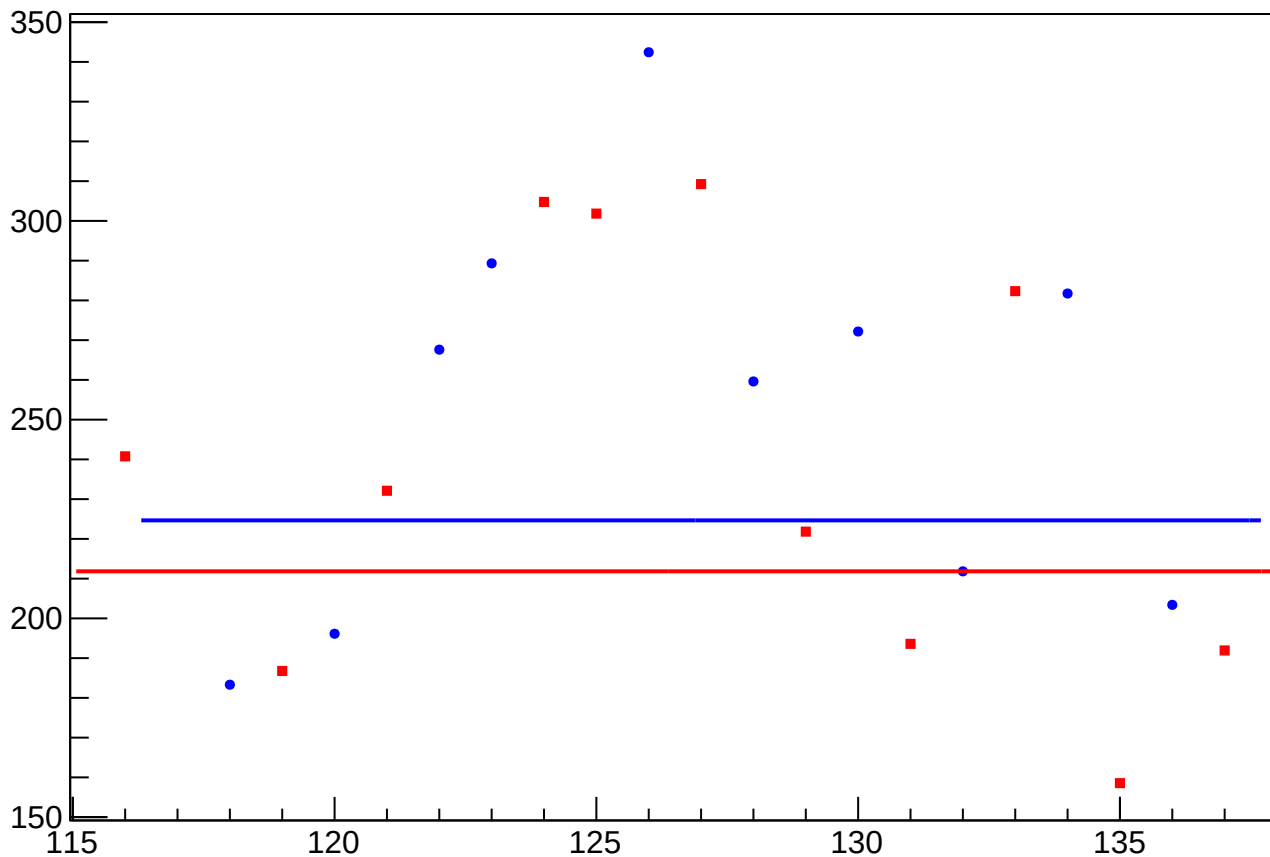
Right: -60.270+/-80.026 χ^2/NDF : 8.7/20

In: -0.716+/-115.634 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.270+/-80.026 χ^2/NDF : 8.7/20

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 224.660+/-0.082 χ^2/NDF : 253695.0/9

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

Right Out: 211.841+/-0.078 χ^2/NDF : 367584.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

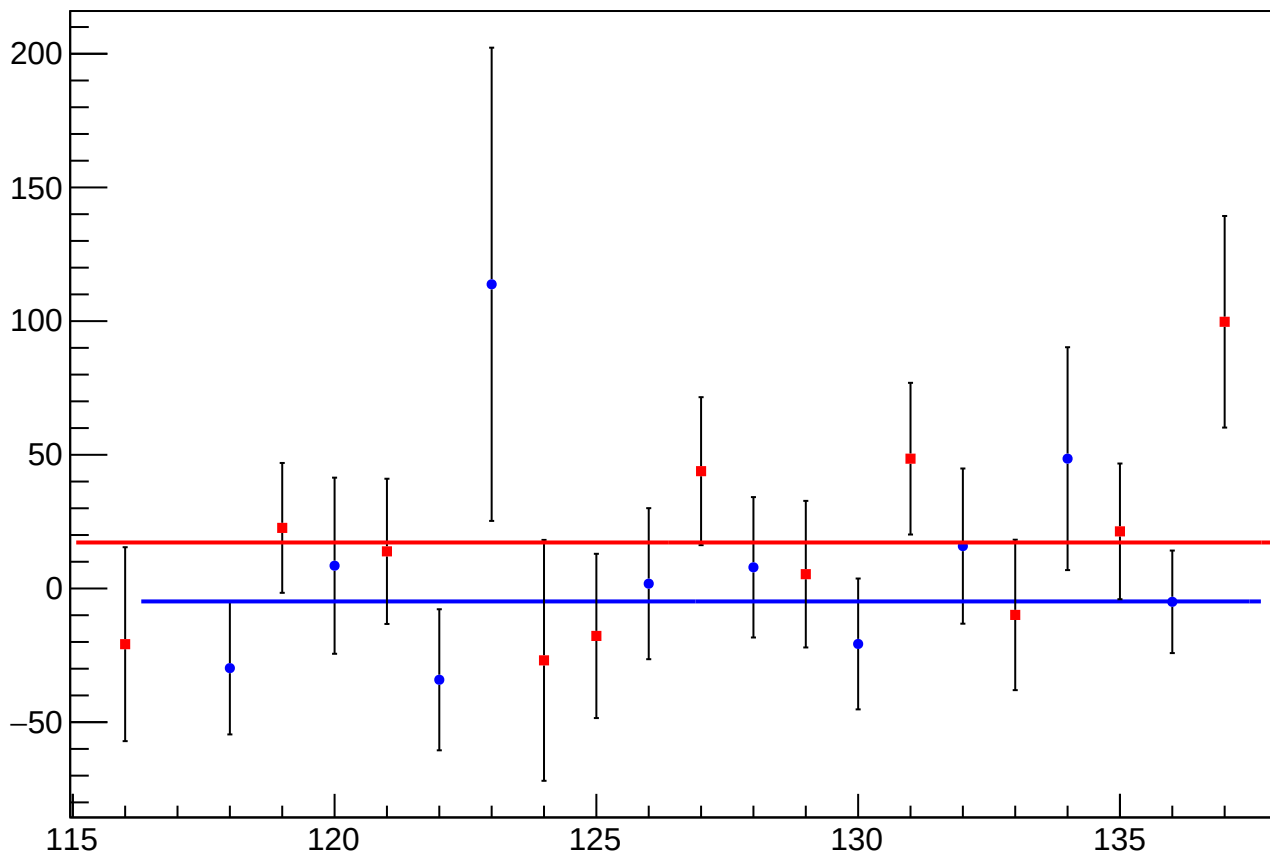
Right: 217.981+/-0.057 χ^2/NDF : 634086.7/20

In: 224.660+/-0.082 χ^2/NDF : 253695.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.981+/-0.057 χ^2/NDF : 634086.7/20

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.838+/-8.781 χ^2/NDF : 7.1/9

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

Right Out: 17.208+/-8.874 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

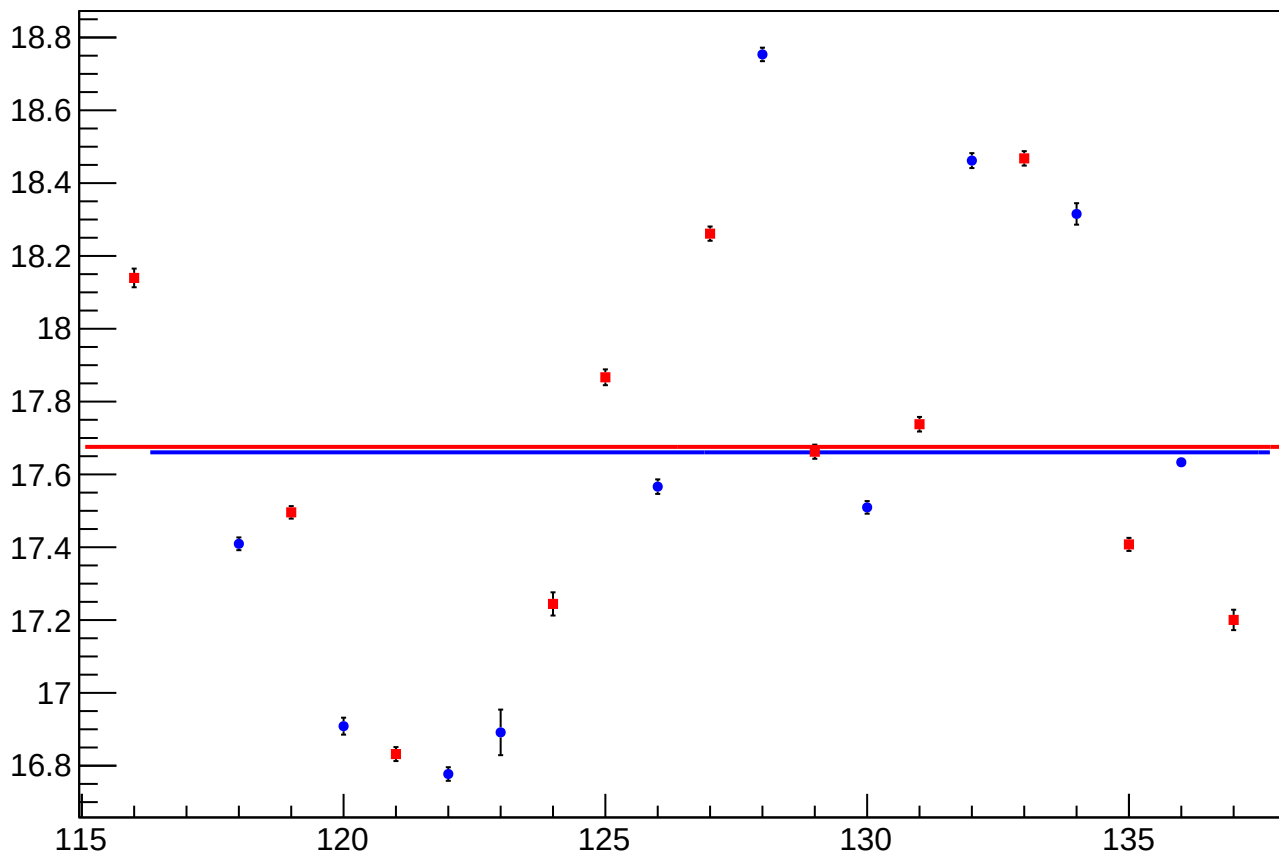
Right: 6.069+/-6.242 χ^2/NDF : 21.2/20

In: -4.838+/-8.781 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.069+/-6.242 χ^2/NDF : 21.2/20

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.661+/-0.006 χ^2/NDF : 9226.5/9

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

Right Out: 17.676+/-0.006 χ^2/NDF : 5631.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

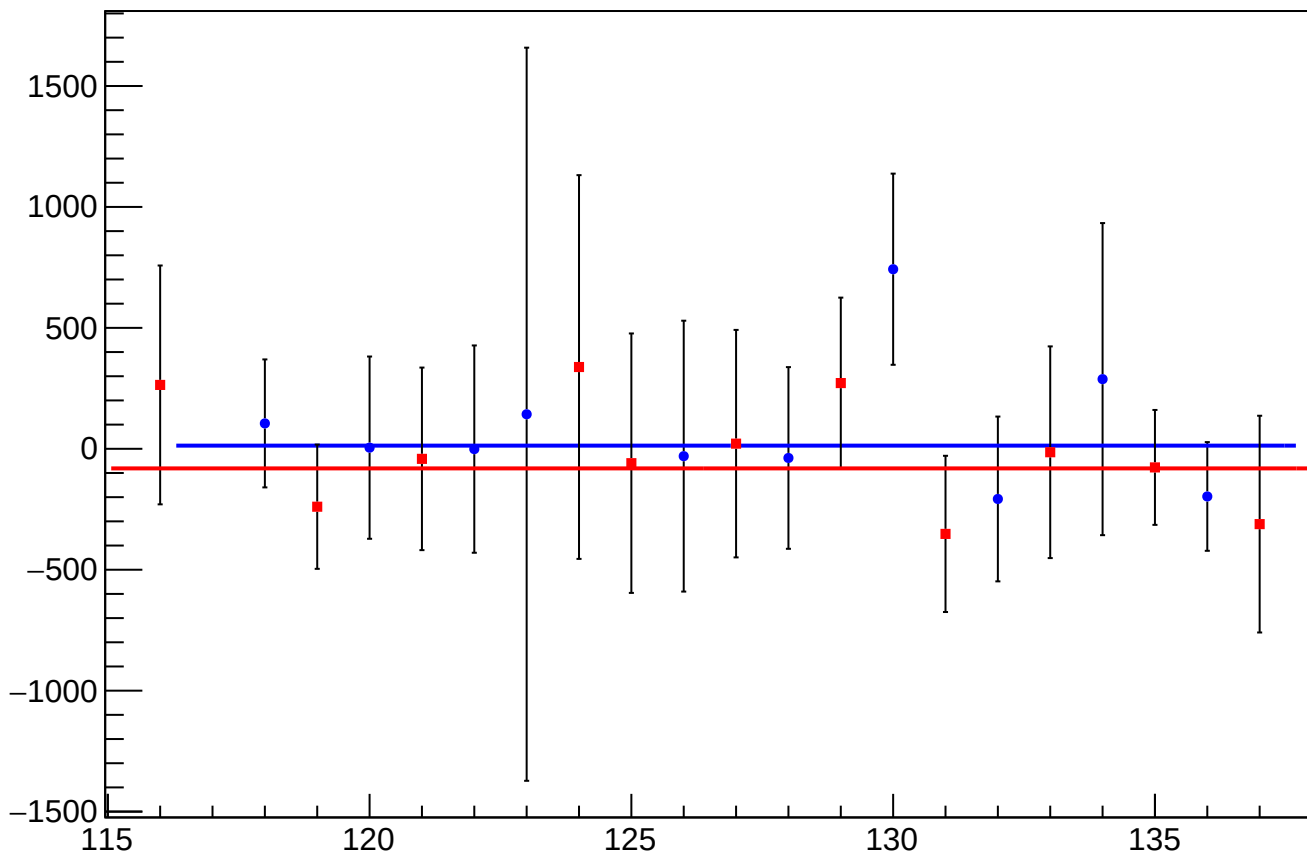
Right: 17.668+/-0.004 χ^2/NDF : 14860.9/20

In: 17.661+/-0.006 χ^2/NDF : 9226.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.668+/-0.004 χ^2/NDF : 14860.9/20

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 13.114+/-115.691 χ^2/NDF : 5.0/9

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

Right Out: -81.039+/-110.845 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

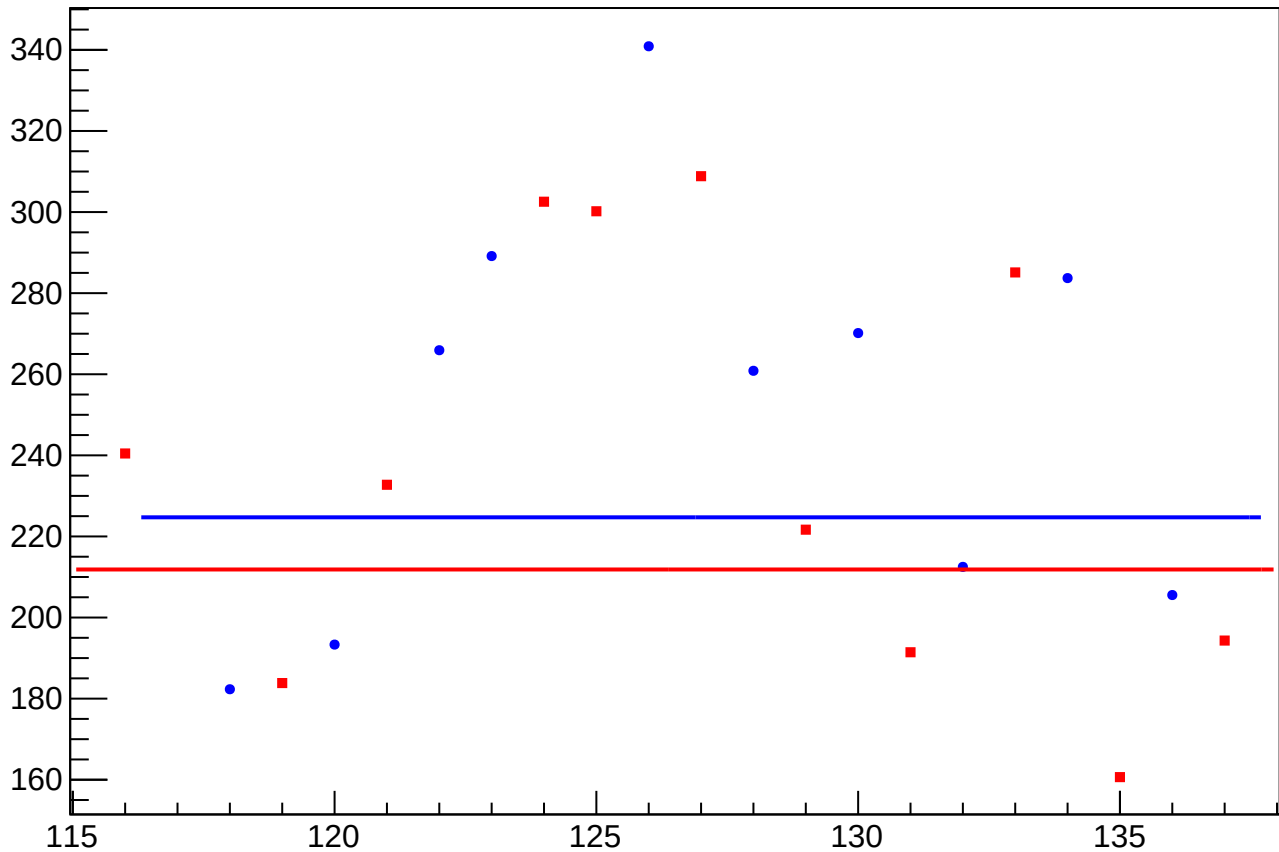
Right: -35.976+/-80.038 χ^2/NDF : 8.6/20

In: 13.114+/-115.691 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.976+/-80.038 χ^2/NDF : 8.6/20

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 224.717+/-0.082 χ^2/NDF : 252232.7/9

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

Right Out: 211.852+/-0.078 χ^2/NDF : 363698.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

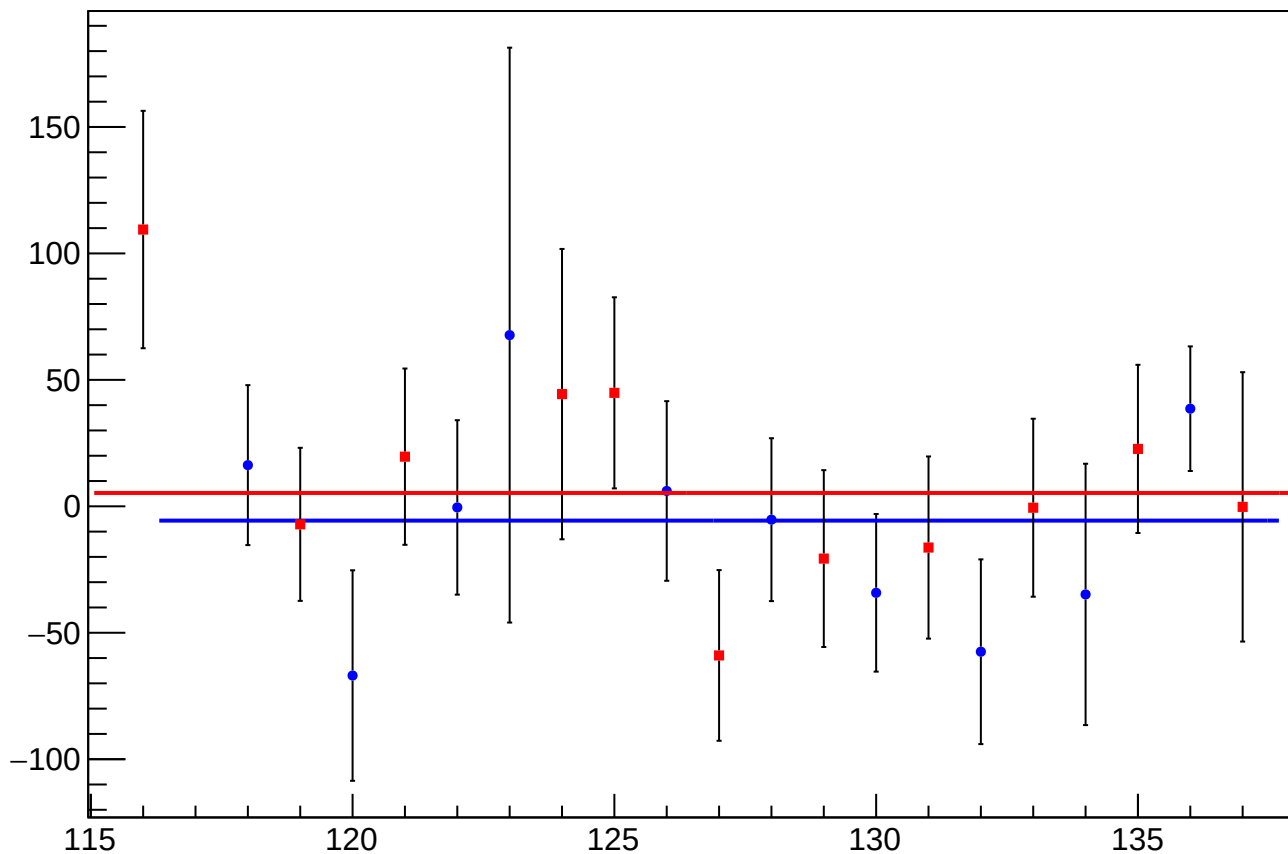
Right: 218.009+/-0.057 χ^2/NDF : 628826.3/20

In: 224.717+/-0.082 χ^2/NDF : 252232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.009+/-0.057 χ^2/NDF : 628826.3/20

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.652+/-11.143 χ^2/NDF : 9.6/9

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

Right Out: 5.278+/-11.248 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

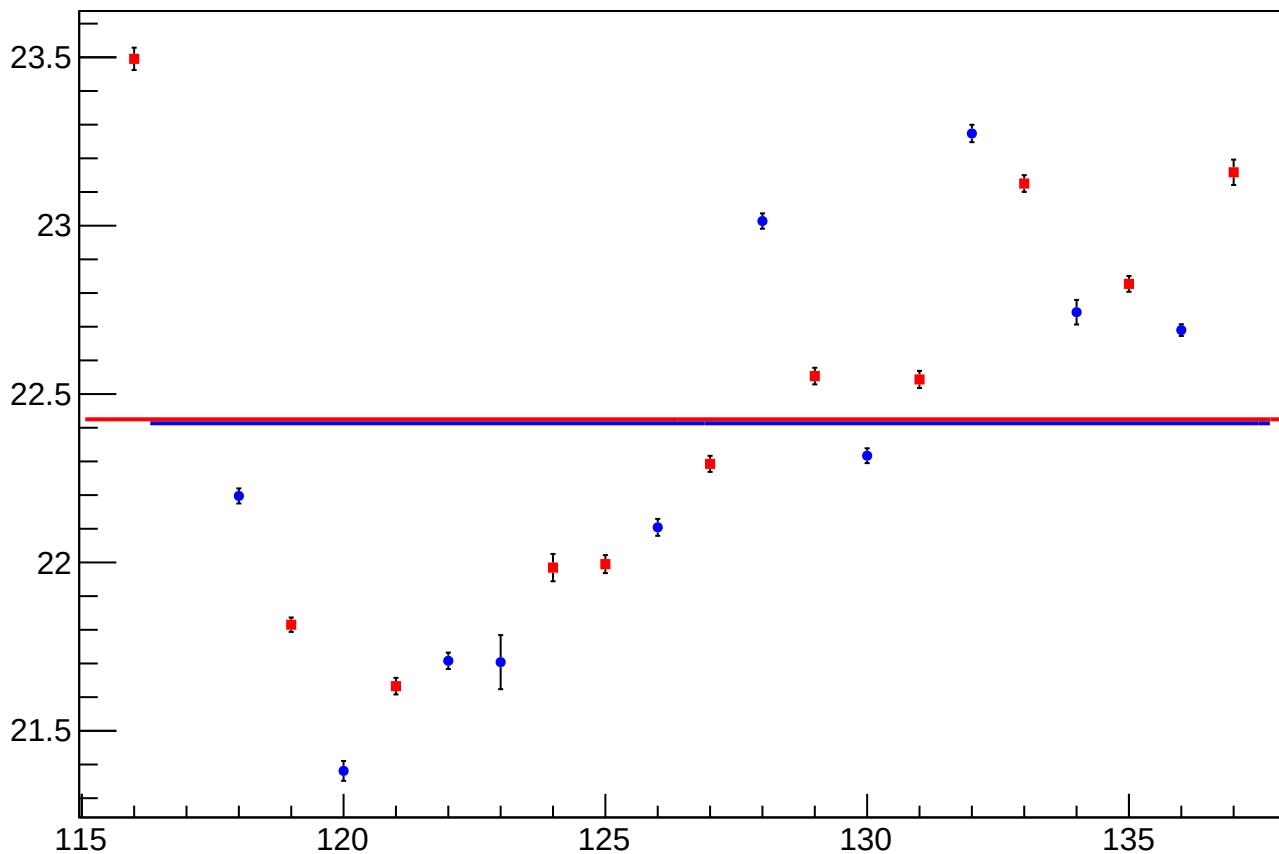
Right: -0.238+/-7.916 χ^2/NDF : 21.7/20

In: -5.652+/-11.143 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.238+/-7.916 χ^2/NDF : 21.7/20

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.413+/-0.008 χ^2/NDF : 4547.6/9

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

Right Out: 22.425+/-0.008 χ^2/NDF : 4805.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

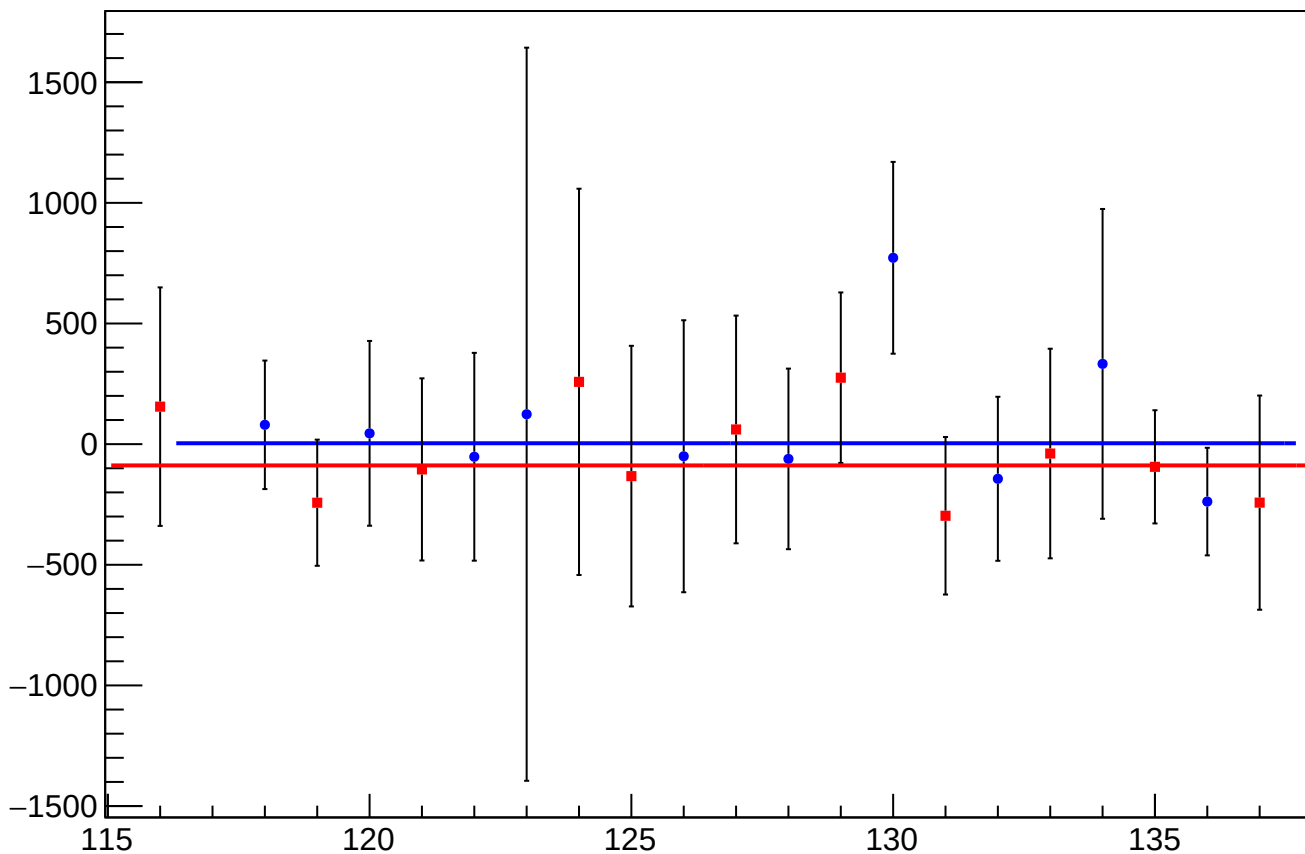
Right: 22.419+/-0.006 χ^2/NDF : 9354.4/20

In: 22.413+/-0.008 χ^2/NDF :4547.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.419+/-0.006 χ^2/NDF : 9354.4/20

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 3.688+/-115.808 χ^2/NDF : 5.5/9

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

Right Out: -88.160+/-110.999 χ^2/NDF : 2.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

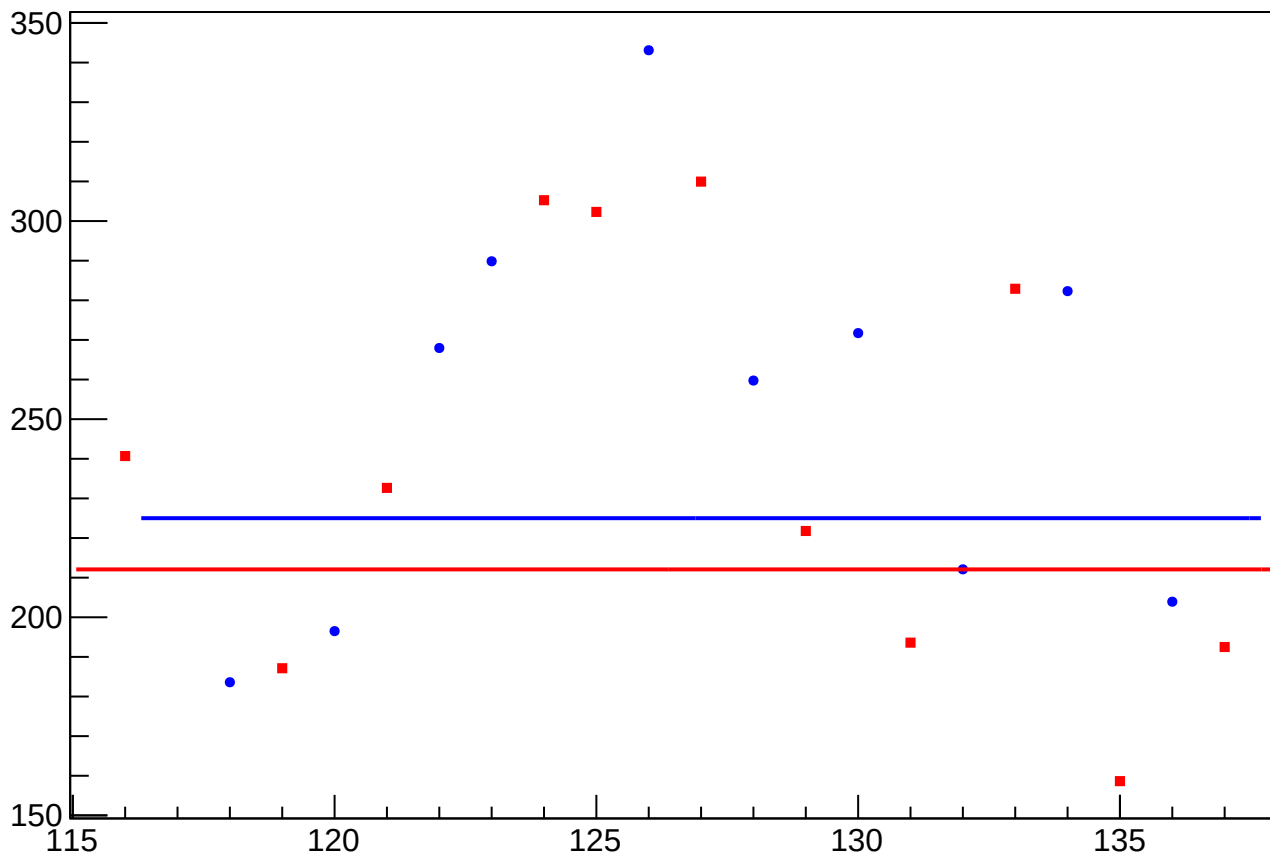
Right: -44.183+/-80.134 χ^2/NDF : 8.3/20

In: 3.688+/-115.808 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.183+/-80.134 χ^2/NDF : 8.3/20

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 225.010+/-0.082 χ^2/NDF : 252322.4/9

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

Right Out: 212.080+/-0.078 χ^2/NDF : 368587.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

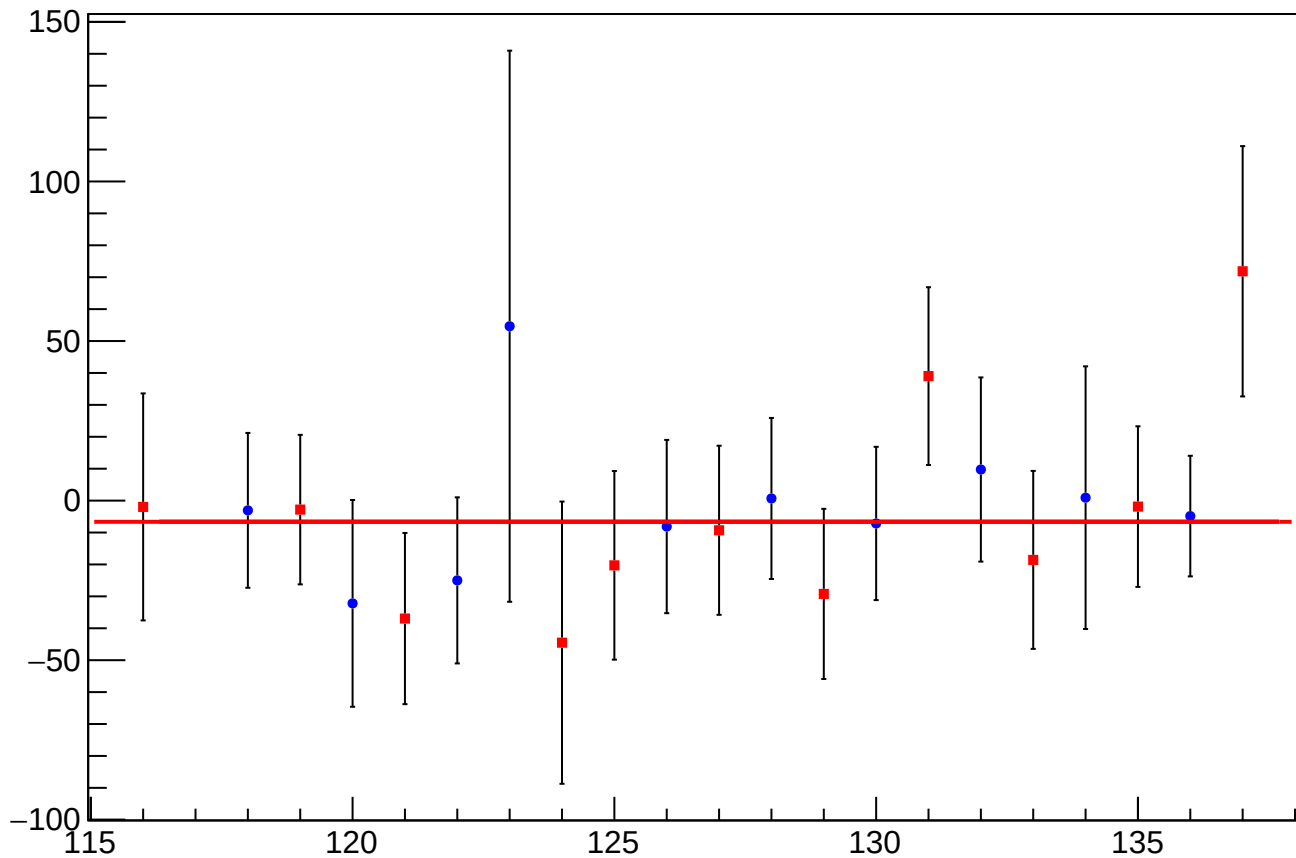
Right: 218.271+/-0.057 χ^2/NDF : 633904.2/20

In: 225.010+/-0.082 χ^2/NDF : 252322.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.271+/-0.057 χ^2/NDF : 633904.2/20

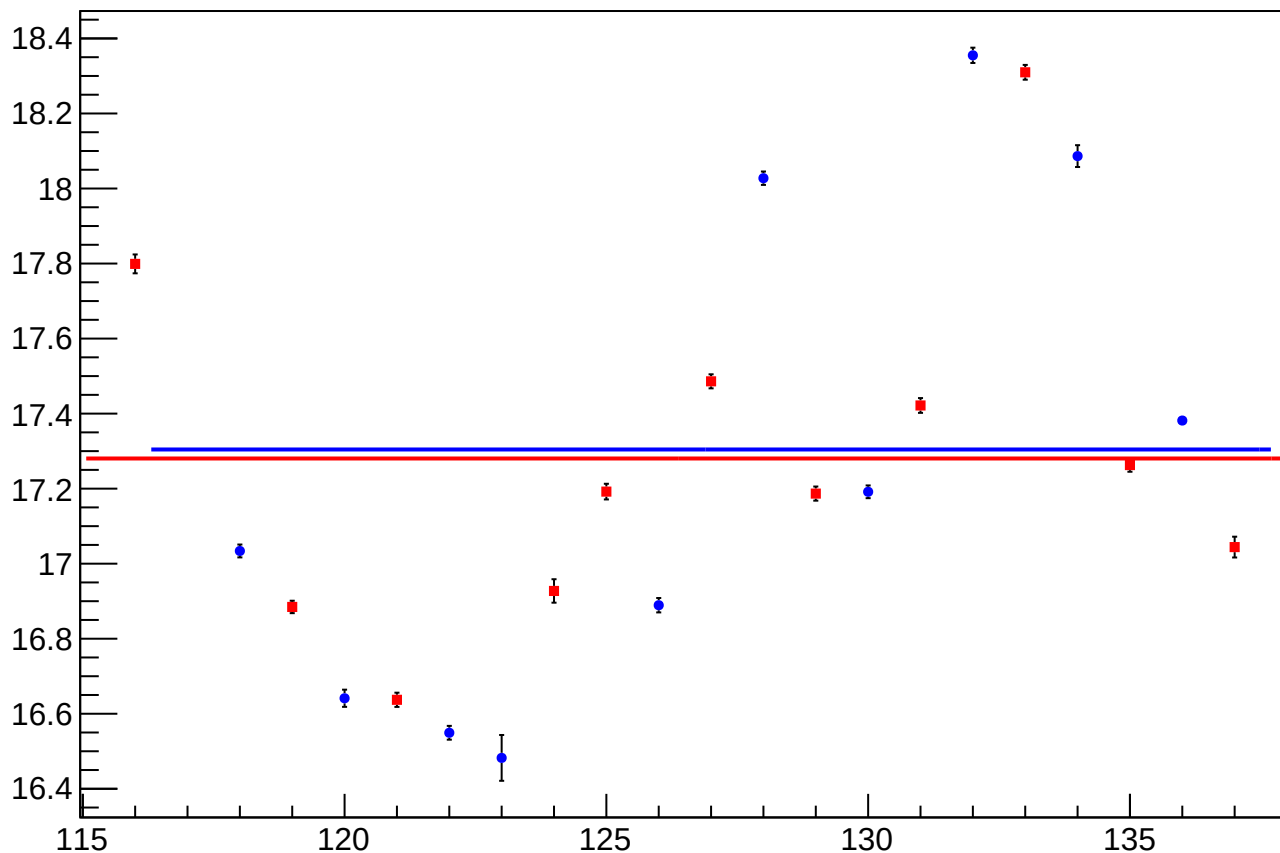
asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.595+/-8.601 χ^2/NDF : 2.1/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -6.639+/-8.672 χ^2/NDF : 9.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -6.617+/-6.107 χ^2/NDF : 12.0/20
 In: -6.595+/-8.601 χ^2/NDF : 2.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.617+/-6.107 χ^2/NDF : 12.0/20

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.304+/-0.006 χ^2/NDF : 8514.3/9

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

Right Out: 17.280+/-0.006 χ^2/NDF : 5287.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

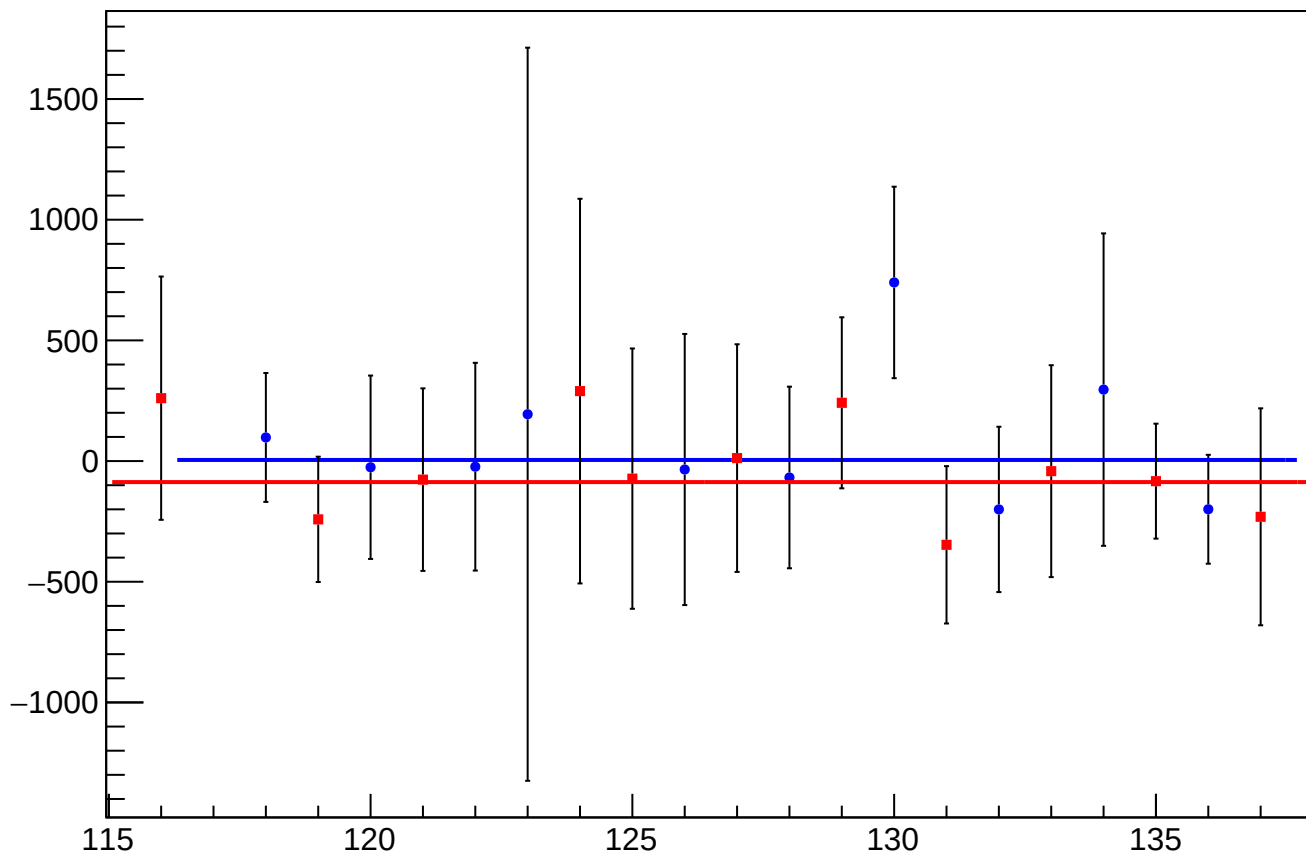
Right: 17.292+/-0.004 χ^2/NDF : 13809.7/20

In: 17.304+/-0.006 χ^2/NDF : 8514.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.292+/-0.004 χ^2/NDF : 13809.7/20

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 4.591+/-116.292 χ^2/NDF : 5.0/9

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

Right Out: -87.091+/-111.505 χ^2/NDF : 2.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

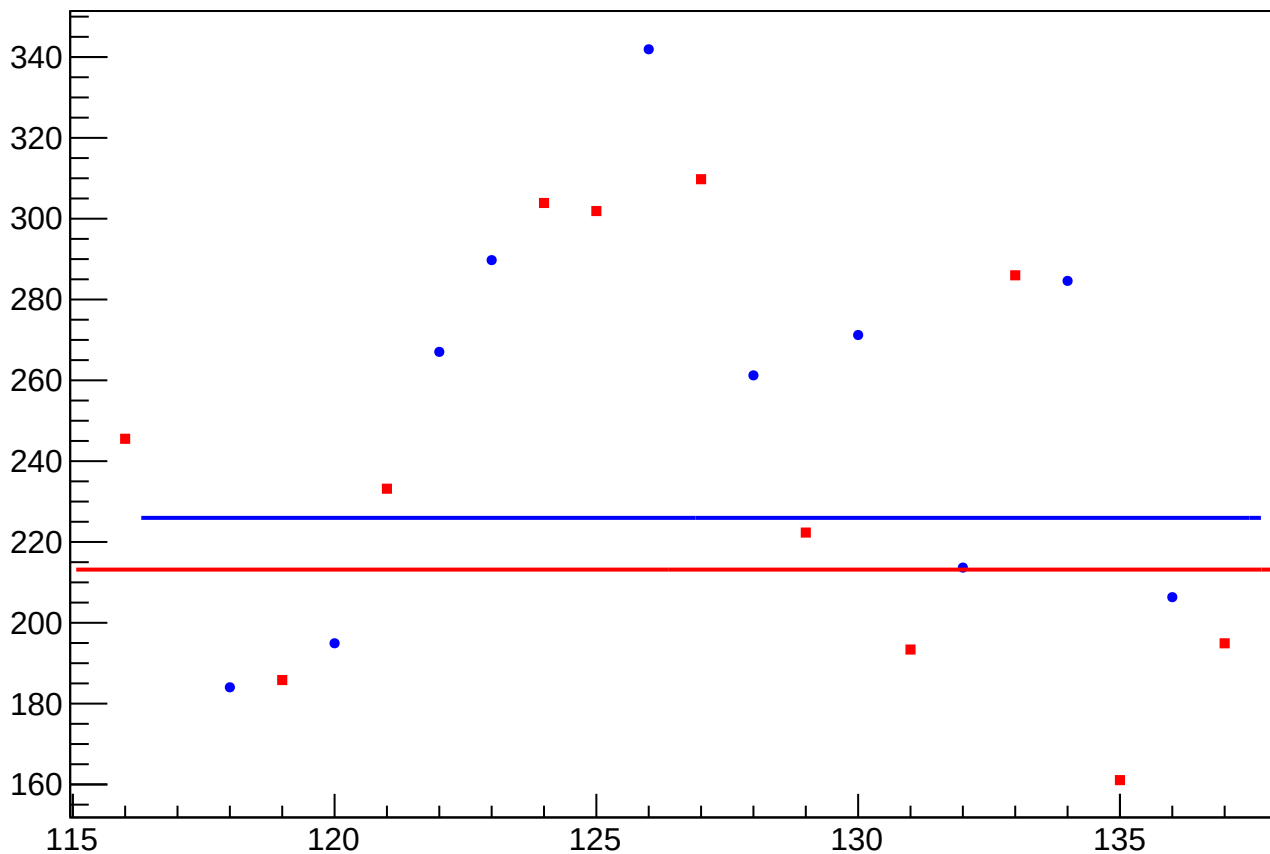
Right: -43.176+/-80.485 χ^2/NDF : 8.0/20

In: 4.591+/-116.292 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.176+/-80.485 χ^2/NDF : 8.0/20

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 225.968 $\pm$ 0.082 χ^2 /NDF: 247374.1/9

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

Right Out: 213.164 $\pm$ 0.079 χ^2 /NDF: 362794.9/10

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

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

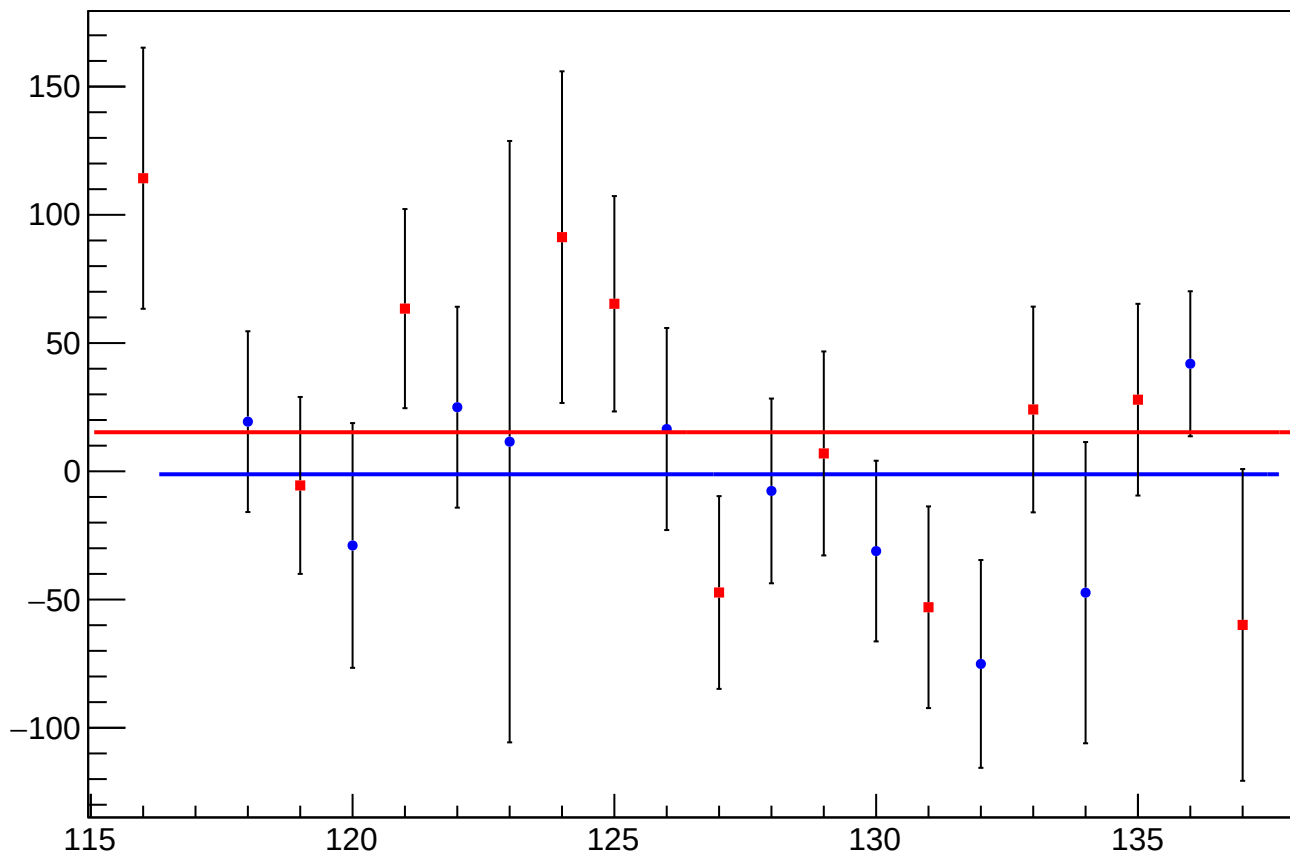
Right: 219.297 $\pm$ 0.057 χ^2 /NDF: 622800.4/20

In: 225.968 $\pm$ 0.082 χ^2 /NDF:247374.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 219.297 $\pm$ 0.057 χ^2 /NDF: 622800.4/20

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.157 ± 12.558 χ^2/NDF : 8.4/9

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

Right Out: 15.237 ± 12.606 χ^2/NDF : 16.0/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

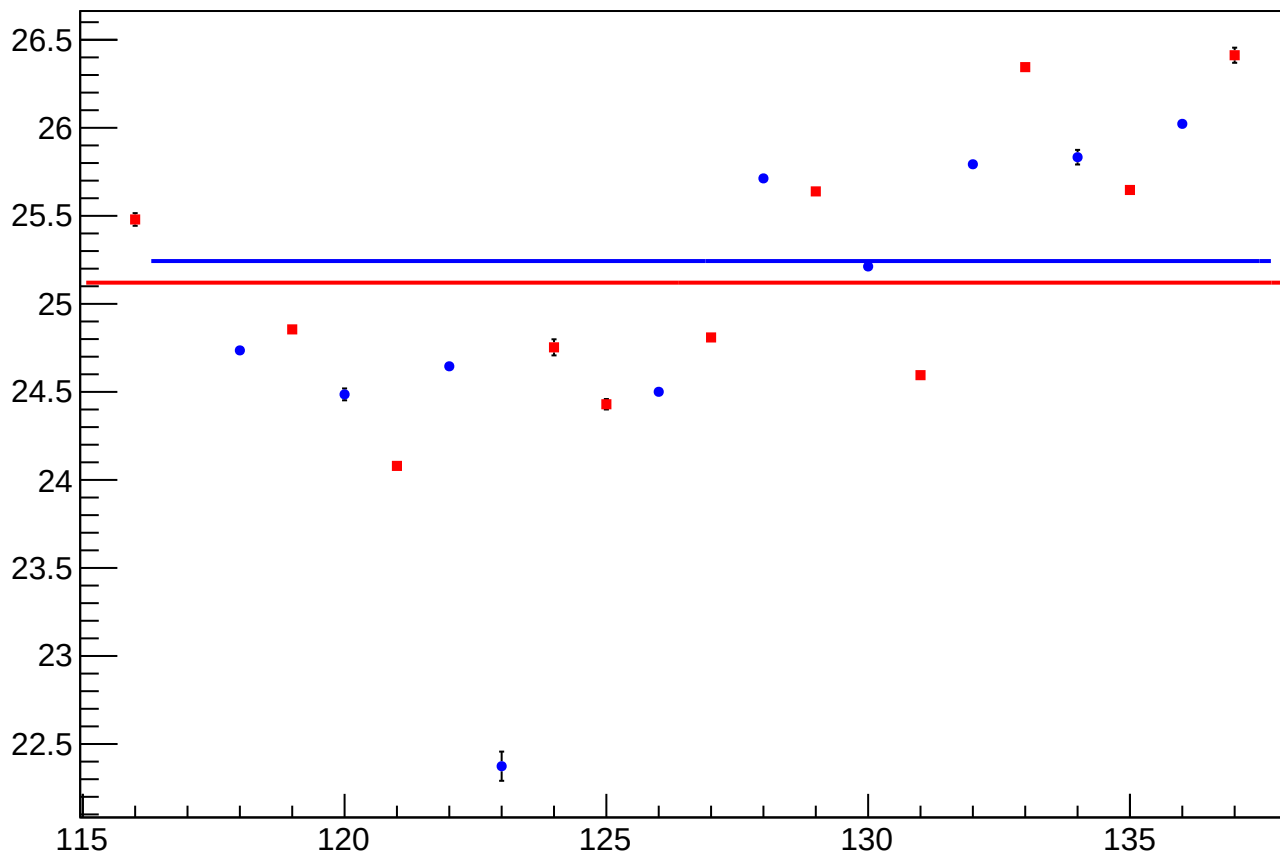
Right: 7.009 ± 8.897 χ^2/NDF : 25.2/20

In: -1.157 ± 12.558 χ^2/NDF : 8.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.009 ± 8.897 χ^2/NDF : 25.2/20

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.243+/-0.009 χ^2/NDF : 5724.6/9

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

Right Out: 25.121+/-0.009 χ^2/NDF : 6259.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

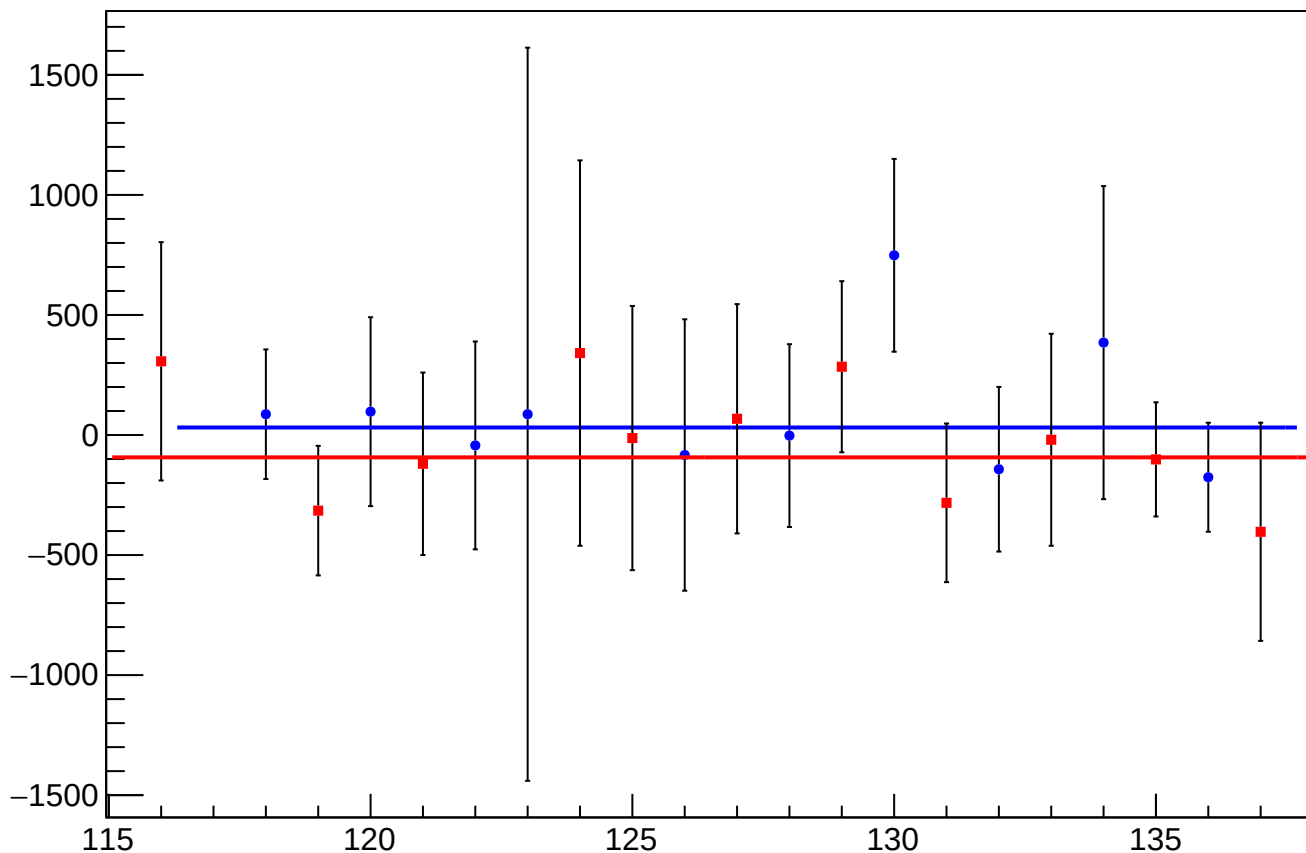
Right: 25.182+/-0.006 χ^2/NDF : 12079.4/20

In: 25.243+/-0.009 χ^2/NDF : 5724.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.182+/-0.006 χ^2/NDF : 12079.4/20

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 31.356+/-117.478 χ^2/NDF : 4.7/9

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

Right Out: -93.127+/-112.757 χ^2/NDF : 3.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

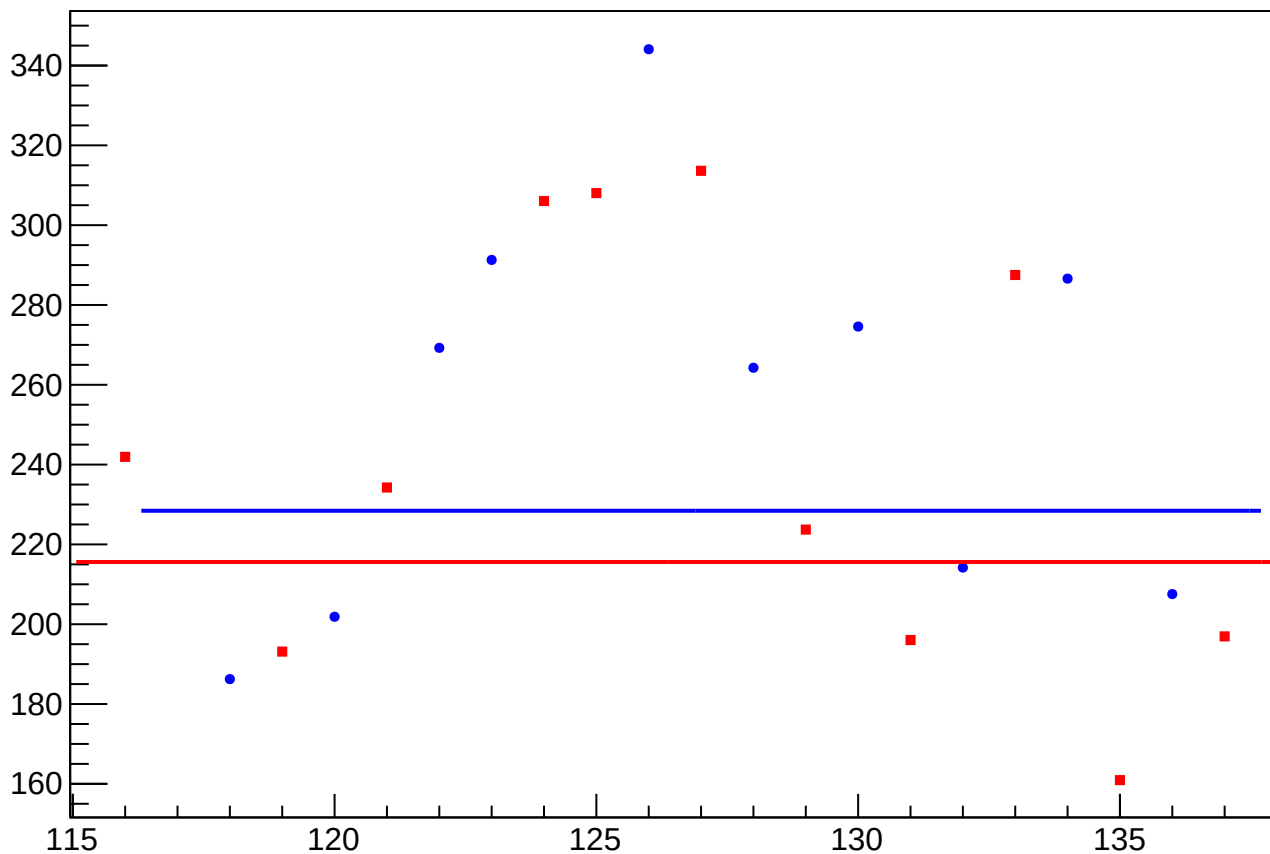
Right: -33.437+/-81.349 χ^2/NDF : 9.0/20

In: 31.356+/-117.478 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.437+/-81.349 χ^2/NDF : 9.0/20

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 228.433+/-0.083 χ^2/NDF : 243368.9/9

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

Right Out: 215.598+/-0.080 χ^2/NDF : 360599.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

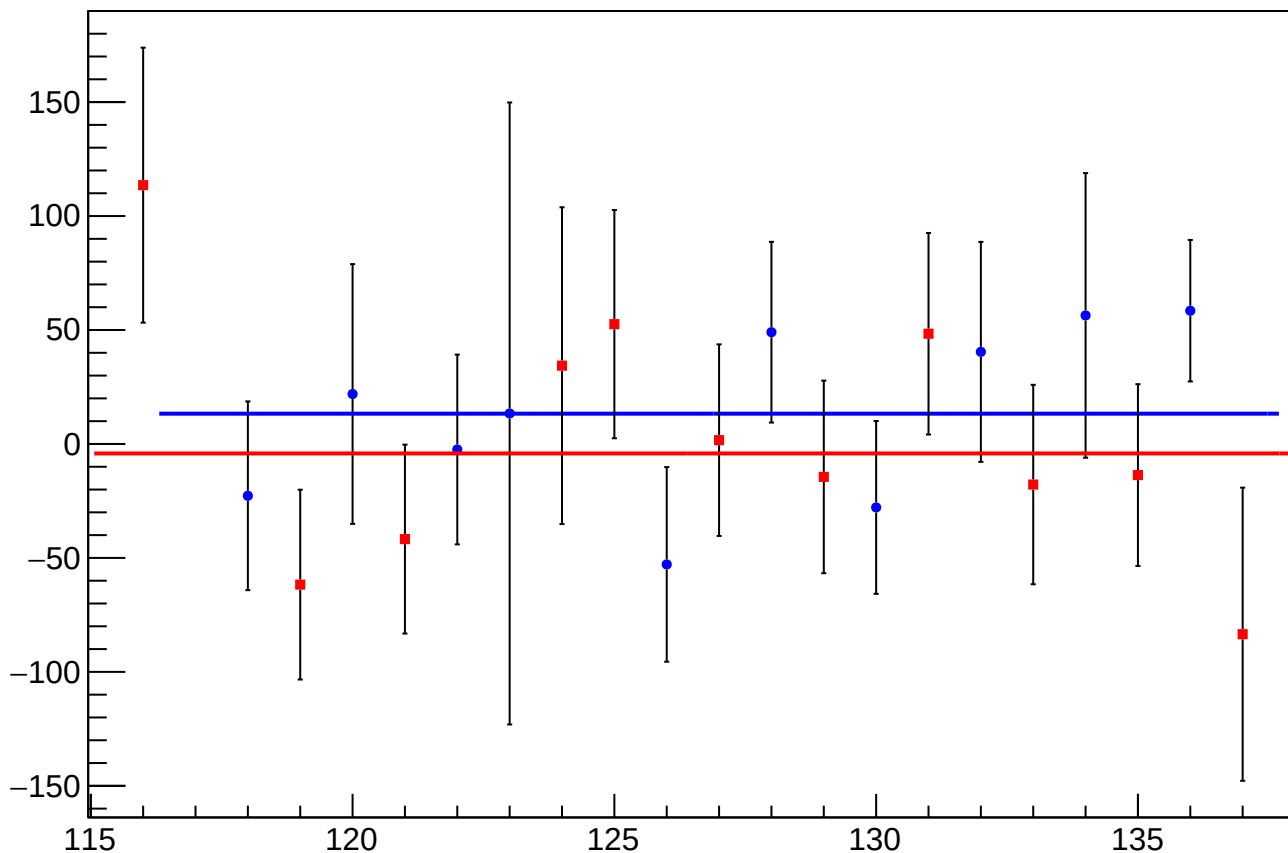
Right: 221.752+/-0.058 χ^2/NDF : 616395.4/20

In: 228.433+/-0.083 χ^2/NDF :243368.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 221.752+/-0.058 χ^2/NDF : 616395.4/20

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 13.291+/-13.968 χ^2/NDF : 8.2/9

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

Right Out: -4.161+/-14.044 χ^2/NDF : 11.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

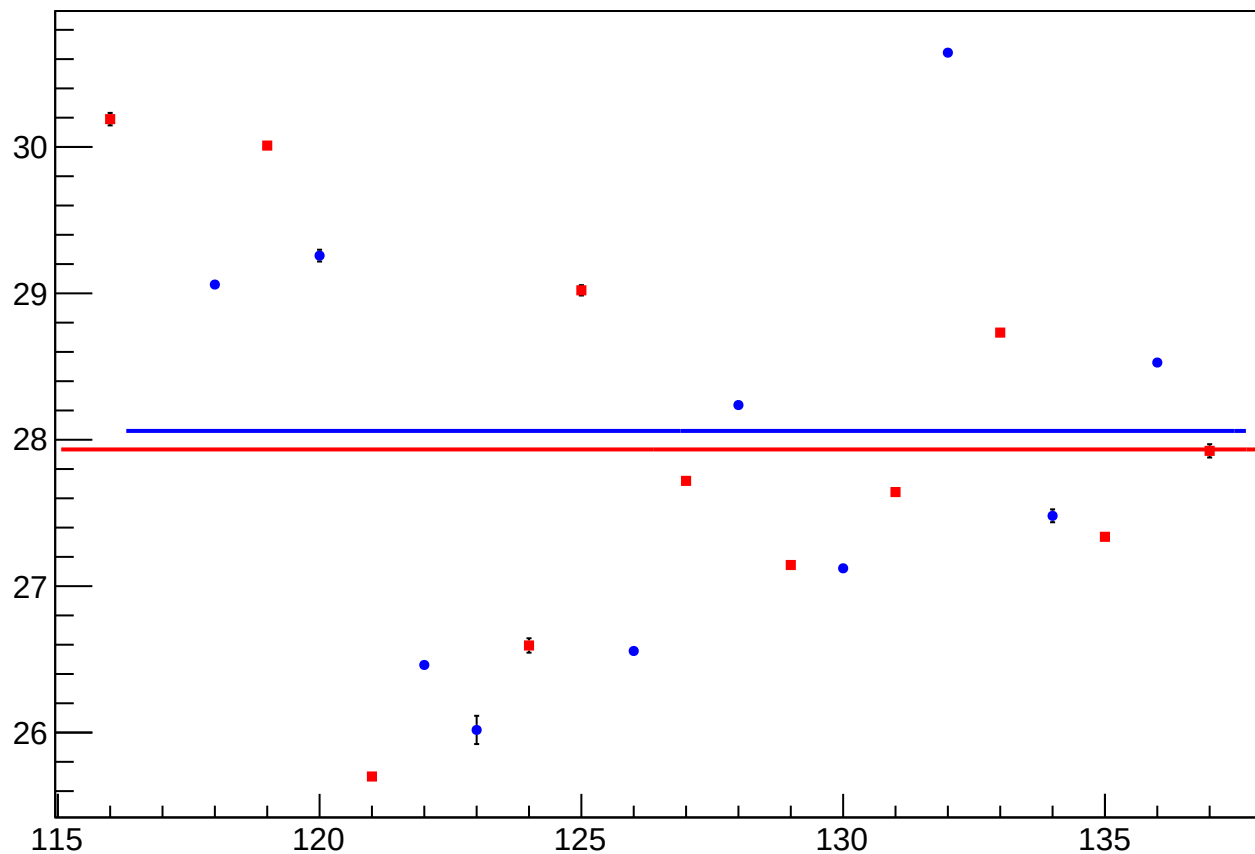
Right: 4.612+/-9.903 χ^2/NDF : 20.3/20

In: 13.291+/-13.968 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.612+/-9.903 χ^2/NDF : 20.3/20

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.060+/-0.010 χ^2/NDF : 15546.2/9

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

Right Out: 27.934+/-0.010 χ^2/NDF : 17213.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

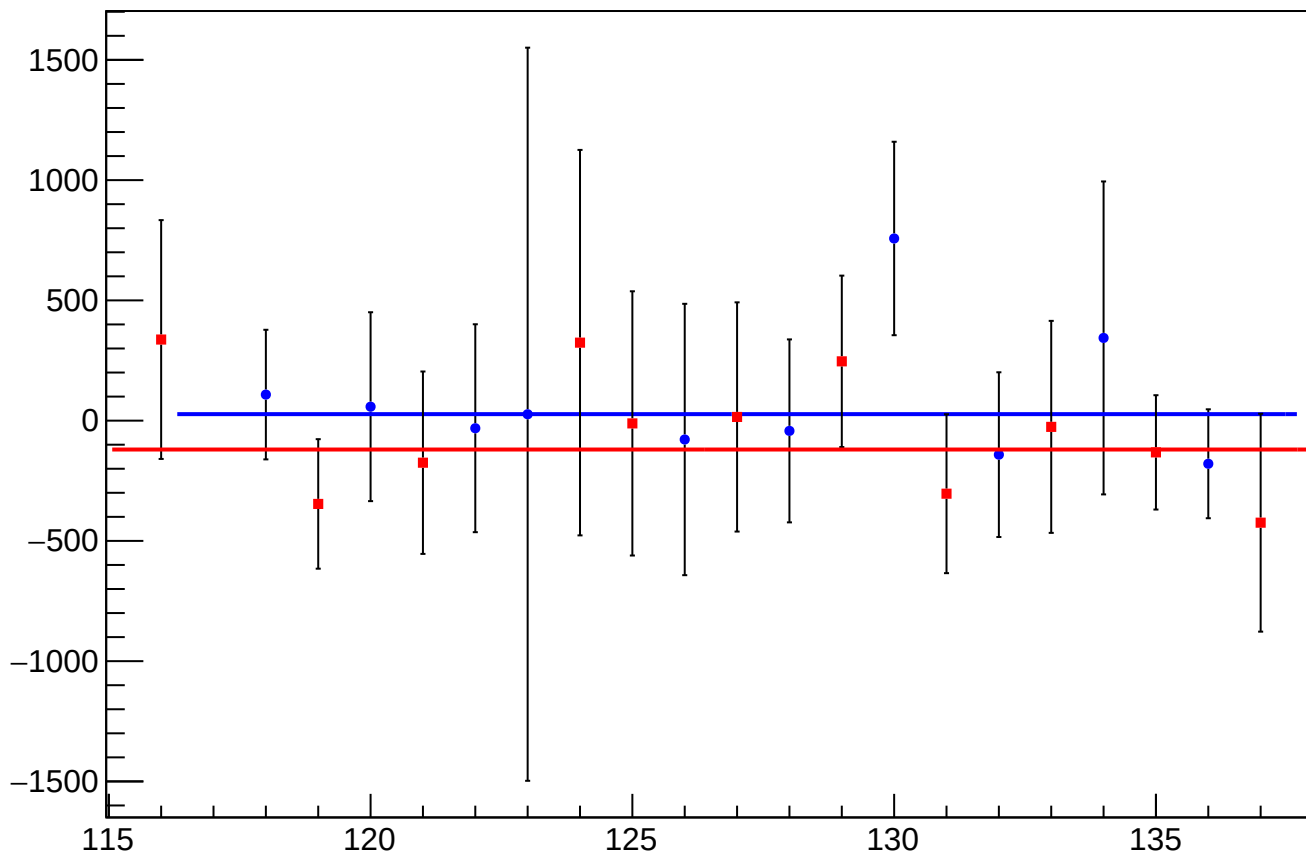
Right: 27.997+/-0.007 χ^2/NDF : 32841.5/20

In: 28.060+/-0.010 χ^2/NDF : 15546.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.997+/-0.007 χ^2/NDF : 32841.5/20

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 27.043+/-117.307 χ^2/NDF : 4.8/9

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

Right Out: -120.069+/-112.626 χ^2/NDF : 3.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

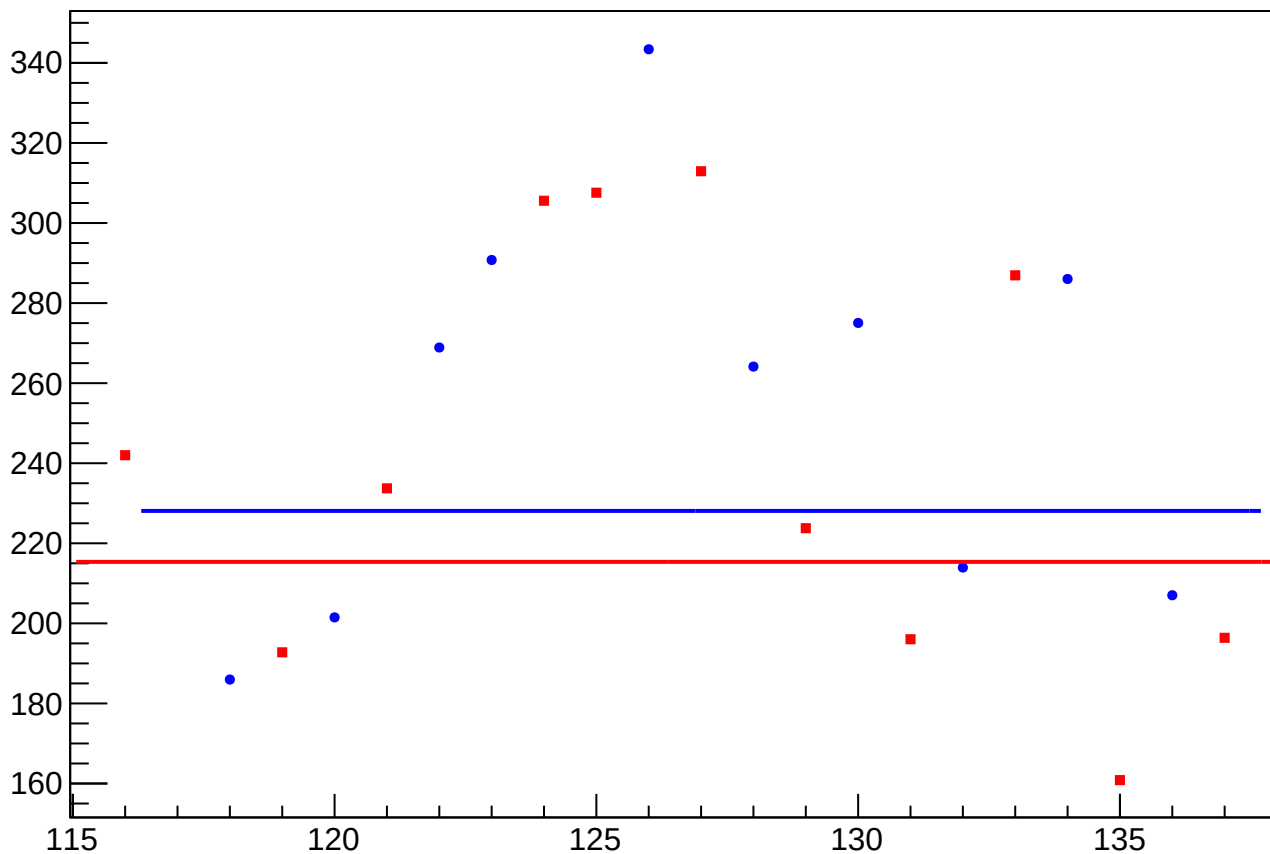
Right: -49.506+/-81.243 χ^2/NDF : 9.5/20

In: 27.043+/-117.307 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.506+/-81.243 χ^2/NDF : 9.5/20

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 228.090+/-0.083 χ^2/NDF : 244662.8/9

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

Right Out: 215.365+/-0.080 χ^2/NDF : 359522.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

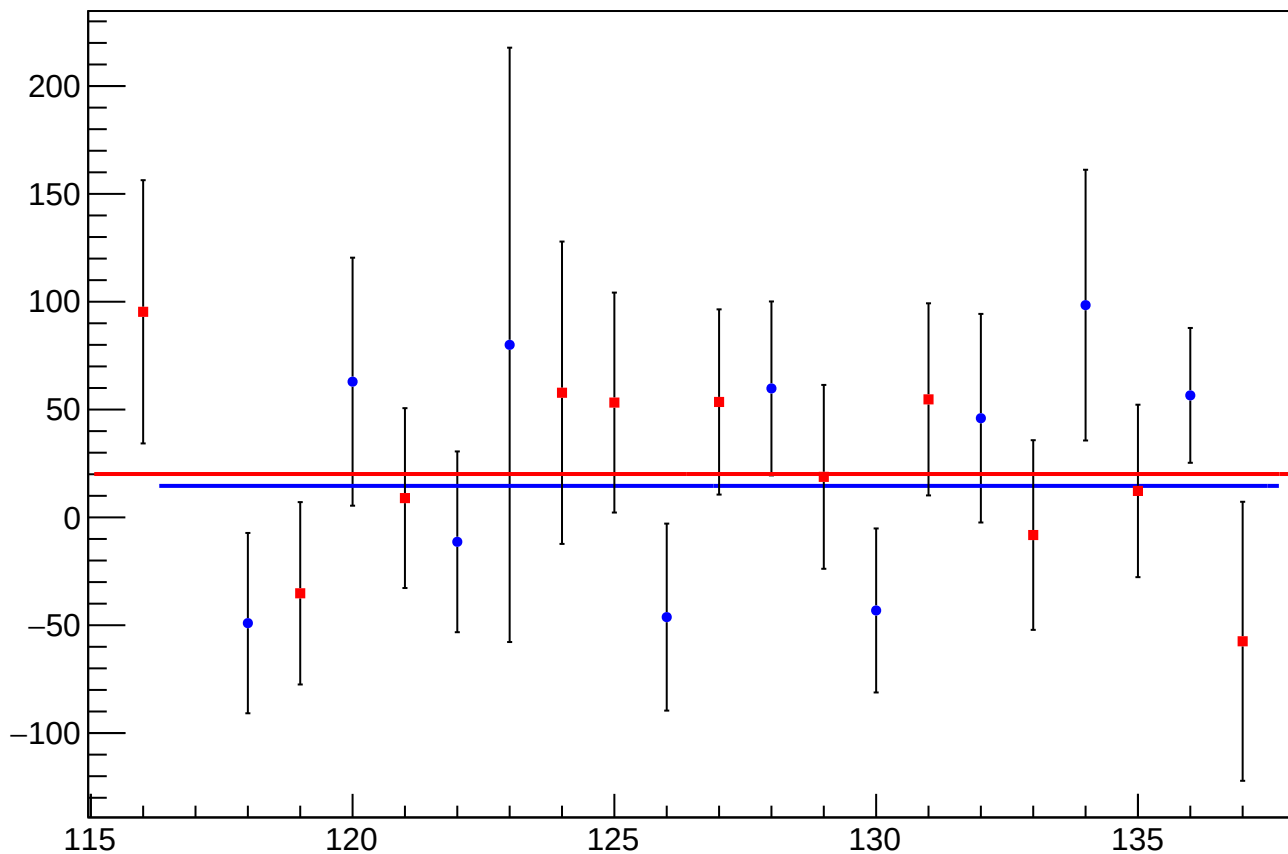
Right: 221.469+/-0.057 χ^2/NDF : 616431.1/20

In: 228.090+/-0.083 χ^2/NDF : 244662.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.469+/-0.057 χ^2/NDF : 616431.1/20

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 14.608+/-14.086 χ^2/NDF : 13.2/9

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

Right Out: 20.115+/-14.185 χ^2/NDF : 7.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

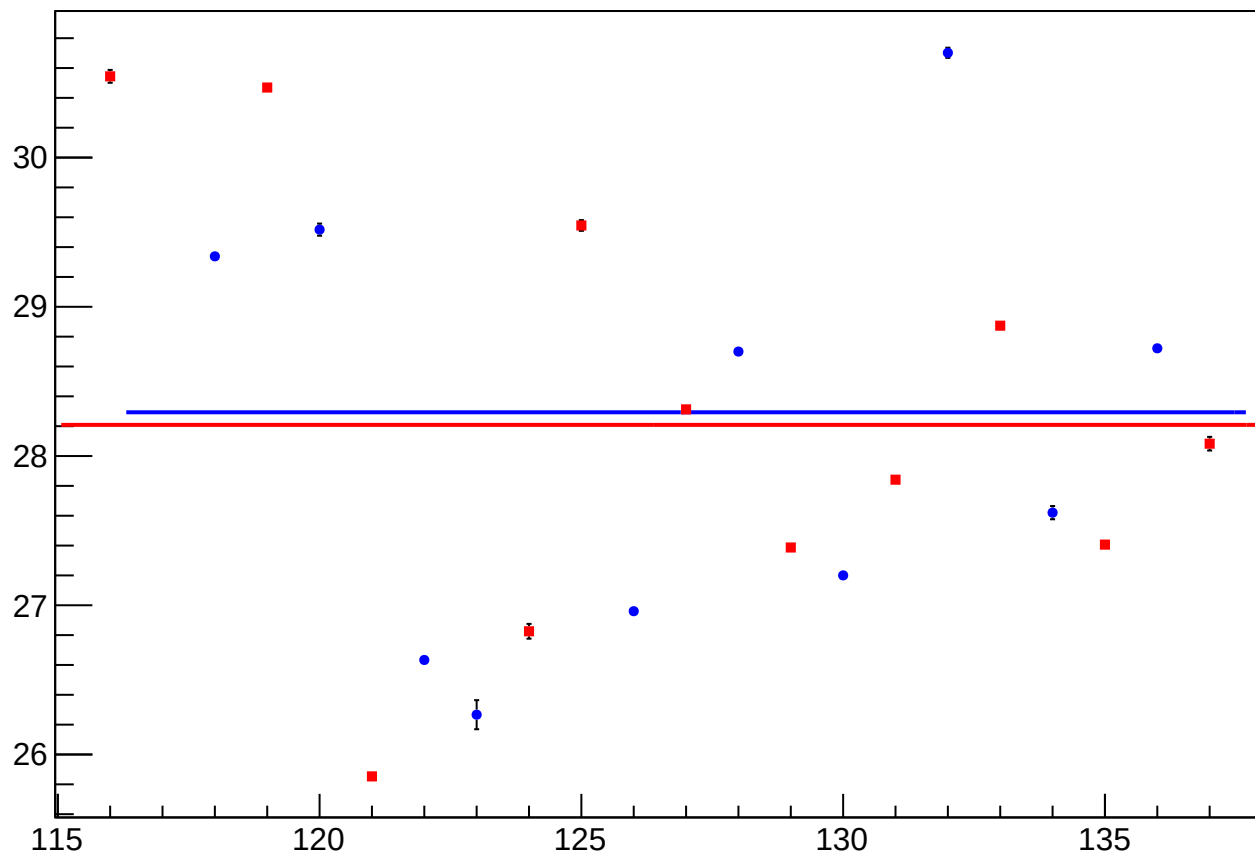
Right: 17.342+/-9.995 χ^2/NDF : 20.4/20

In: 14.608+/-14.086 χ^2/NDF : 13.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.342+/-9.995 χ^2/NDF : 20.4/20

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.293+/-0.010 χ^2/NDF : 15040.6/9

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

Right Out: 28.209+/-0.010 χ^2/NDF : 19342.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

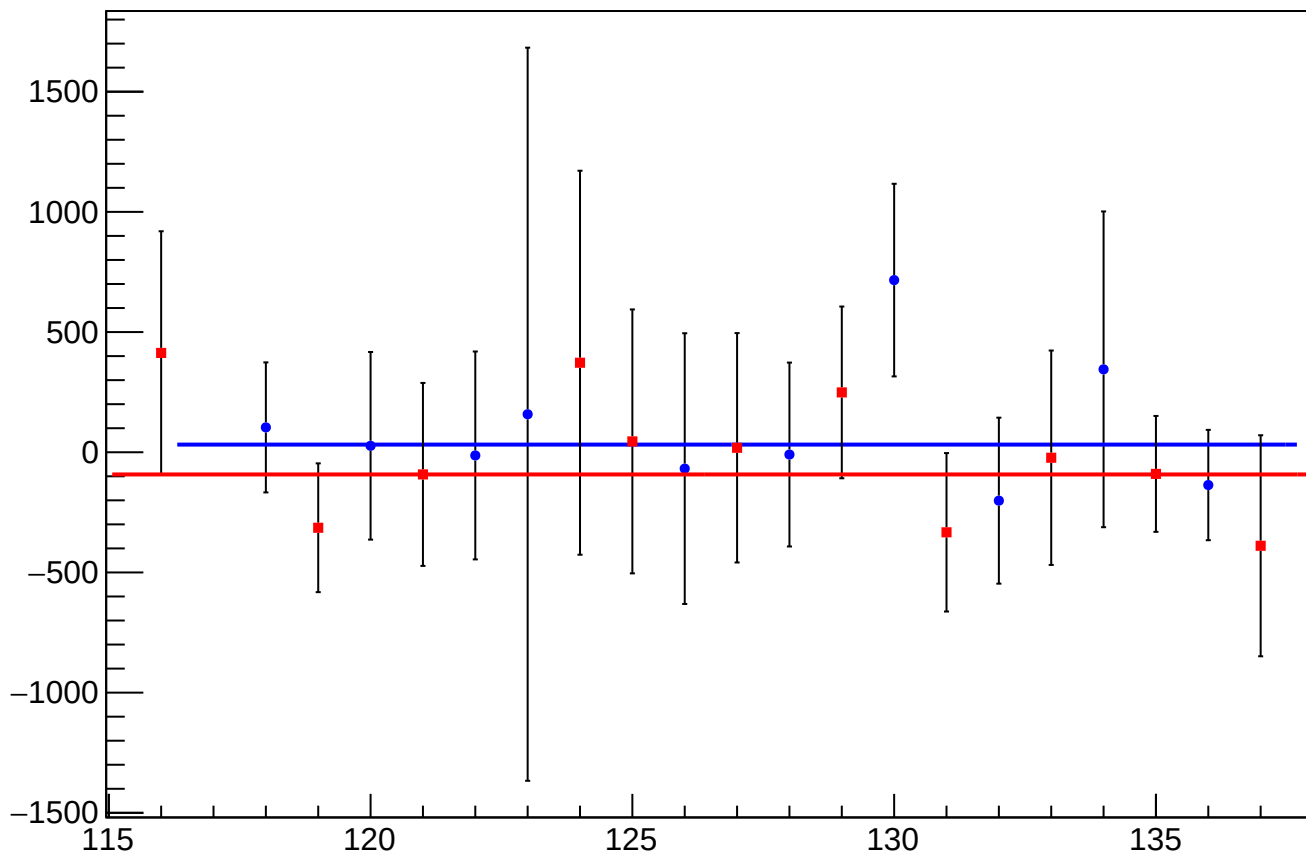
Right: 28.251+/-0.007 χ^2/NDF : 34418.5/20

In: 28.293+/-0.010 χ^2/NDF : 15040.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.251+/-0.007 χ^2/NDF : 34418.5/20

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 31.854+/-117.919 χ^2/NDF : 4.3/9

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

Right Out: -92.309+/-113.212 χ^2/NDF : 4.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

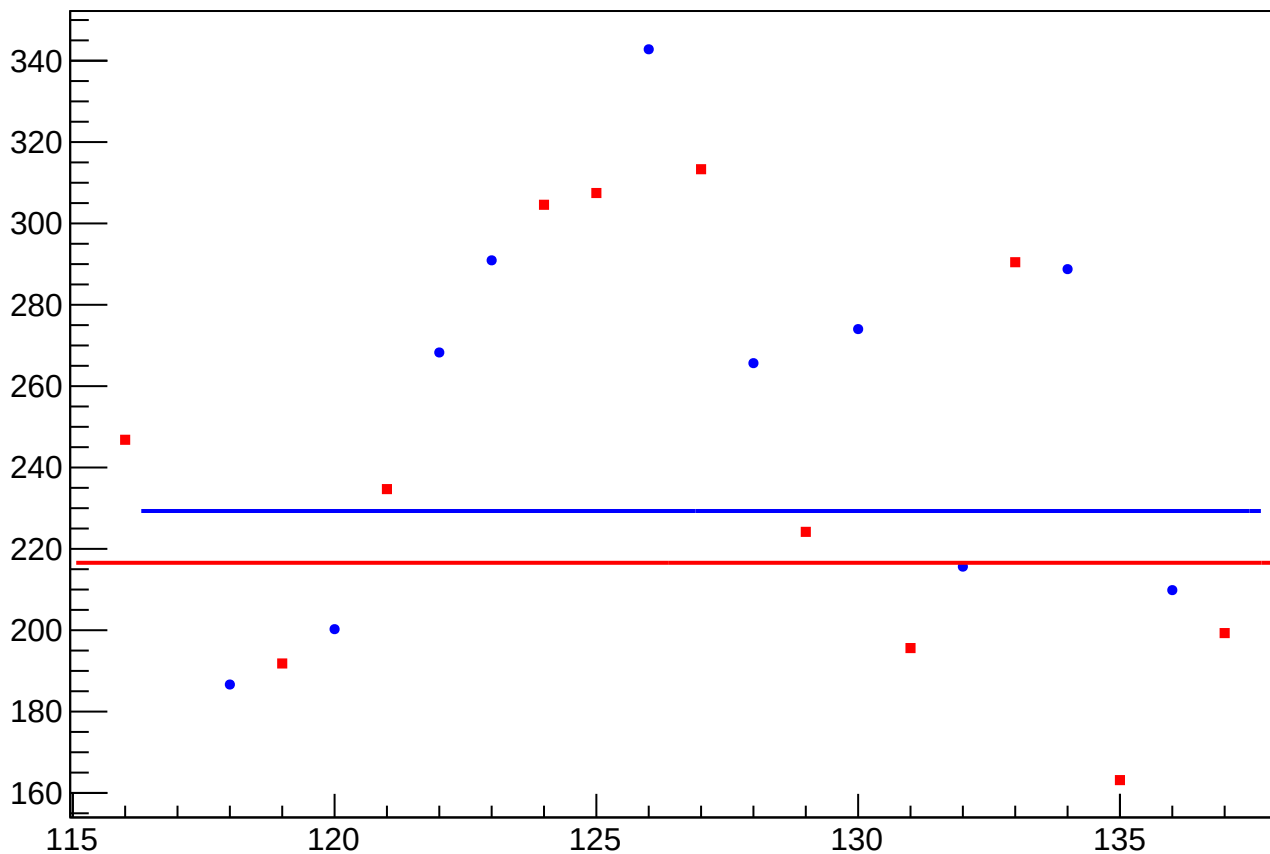
Right: -32.755+/-81.666 χ^2/NDF : 8.9/20

In: 31.854+/-117.919 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.755+/-81.666 χ^2/NDF : 8.9/20

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 229.310+/-0.083 χ^2/NDF : 238442.3/9

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

Right Out: 216.577+/-0.080 χ^2/NDF : 354999.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

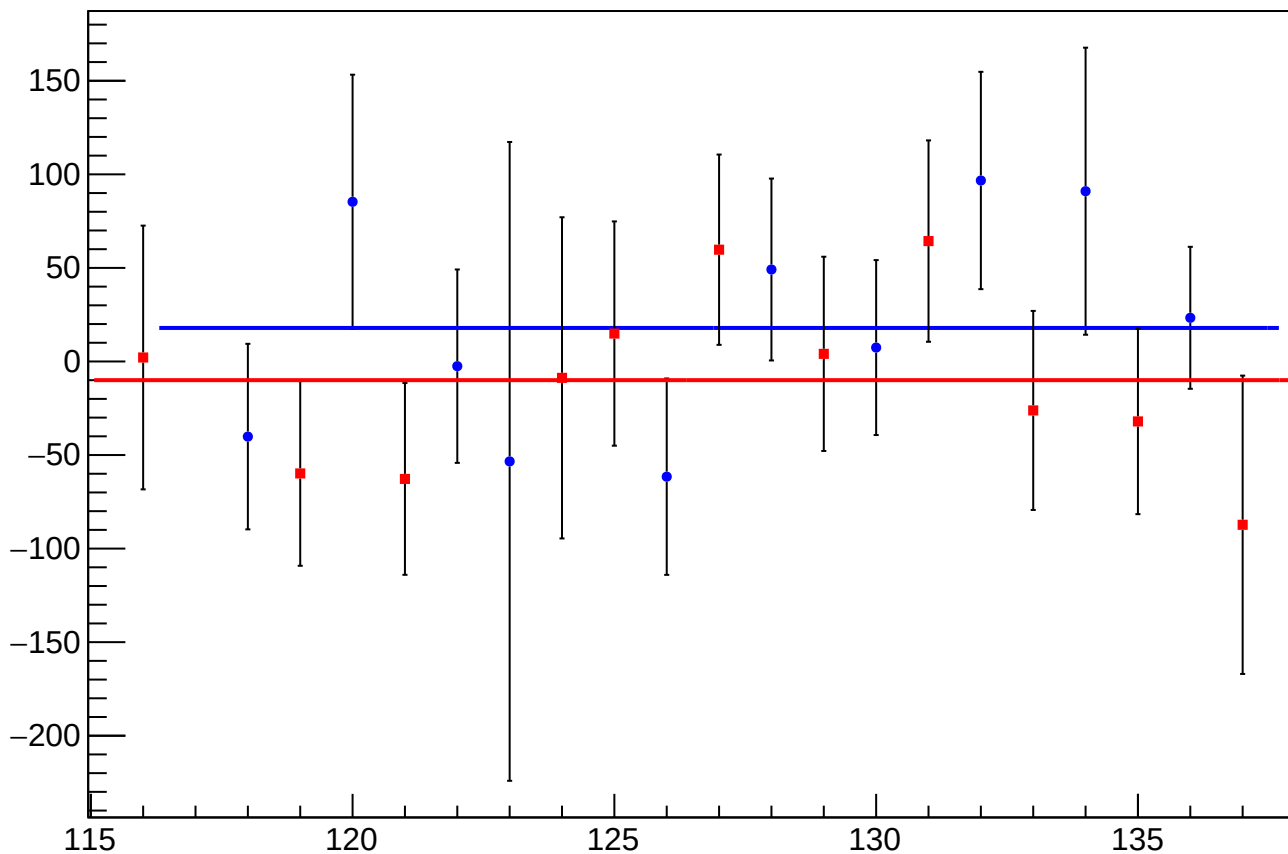
Right: 222.684+/-0.058 χ^2/NDF : 605576.9/20

In: 229.310+/-0.083 χ^2/NDF :238442.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 222.684+/-0.058 χ^2/NDF : 605576.9/20

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 17.914+/-17.055 χ^2/NDF : 8.2/9

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

Right Out: -9.989+/-17.079 χ^2/NDF : 7.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

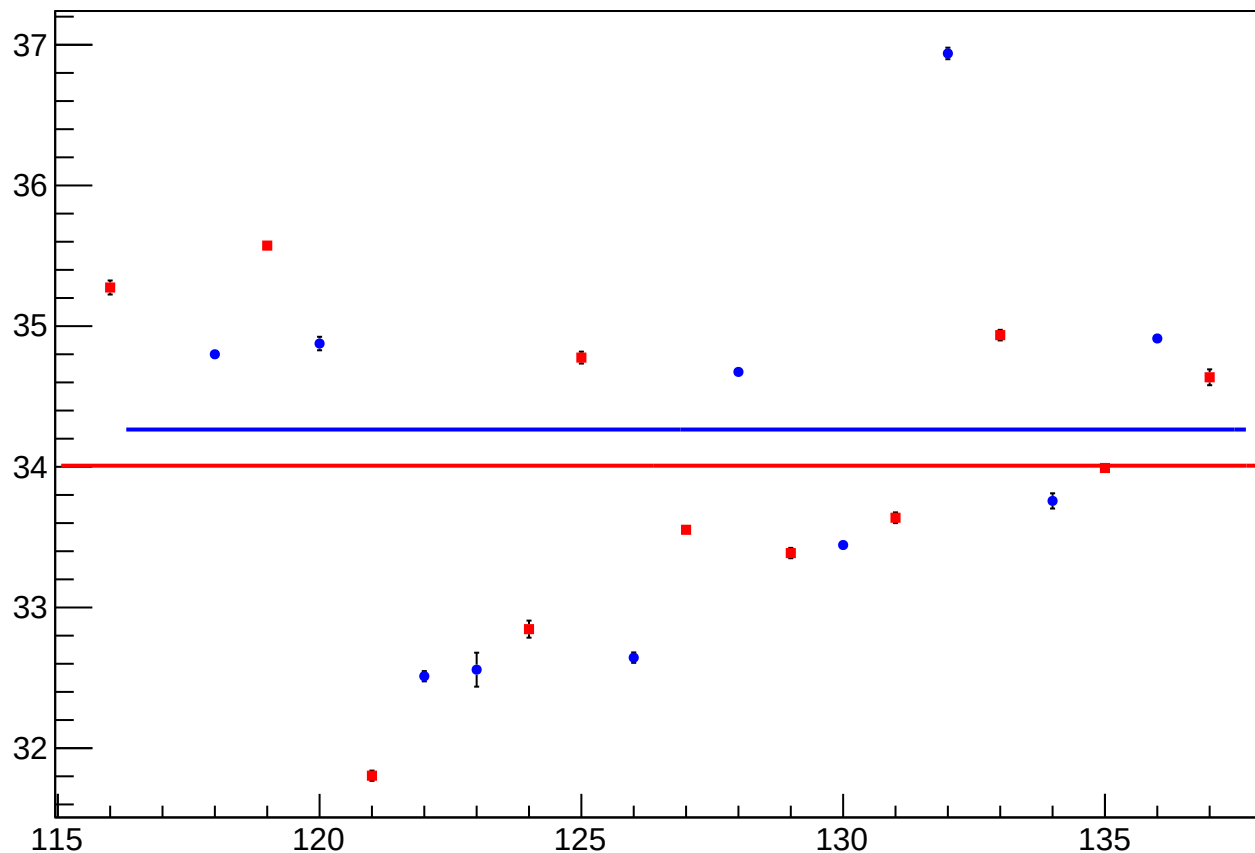
Right: 3.982+/-12.068 χ^2/NDF : 16.9/20

In: 17.914+/-17.055 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.982+/-12.068 χ^2/NDF : 16.9/20

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.265+/-0.012 χ^2/NDF : 10474.8/9

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

Right Out: 34.008+/-0.012 χ^2/NDF : 8324.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

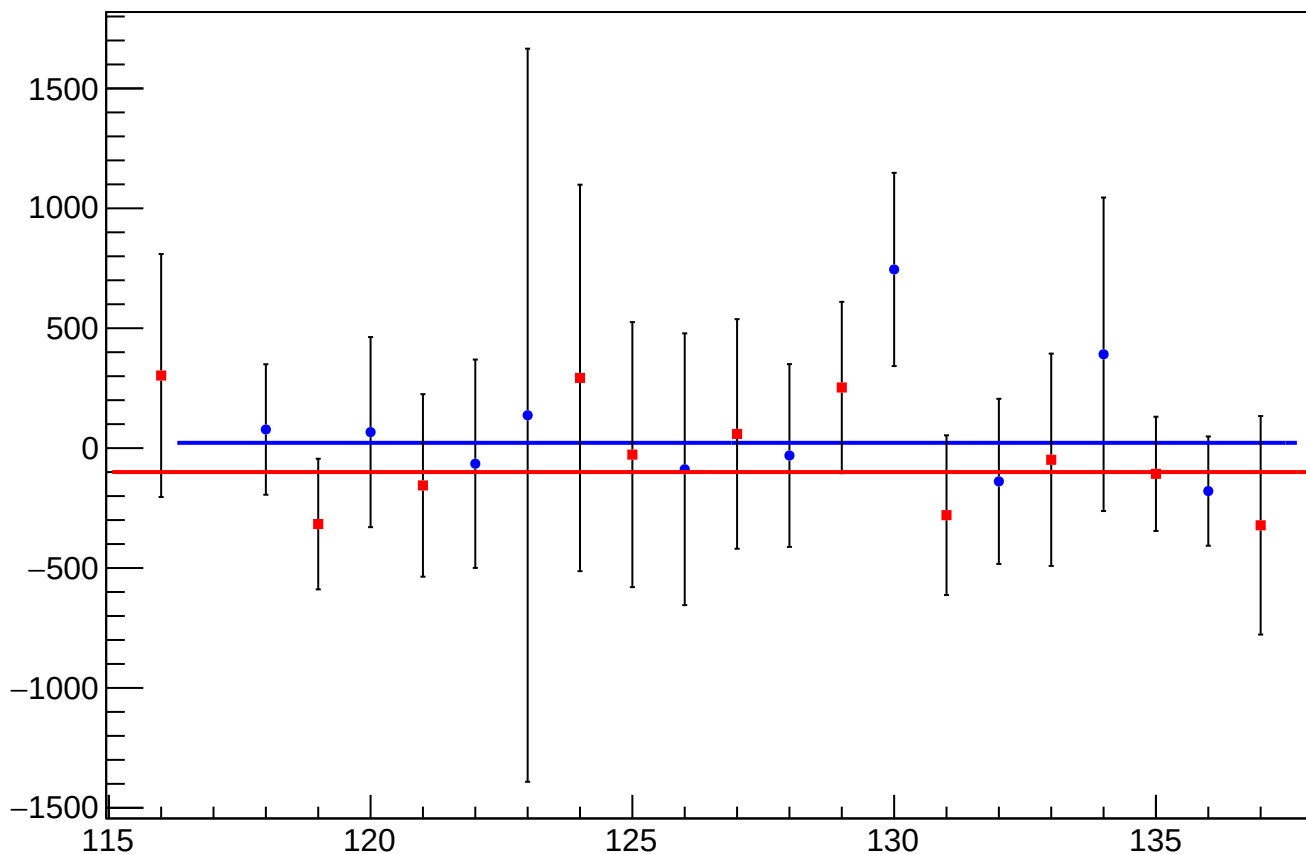
Right: 34.137+/-0.009 χ^2/NDF : 19025.8/20

In: 34.265+/-0.012 χ^2/NDF : 10474.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.137+/-0.009 χ^2/NDF : 19025.8/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 22.145+/-118.019 χ^2/NDF : 4.7/9

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

Right Out: -99.782+/-113.335 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

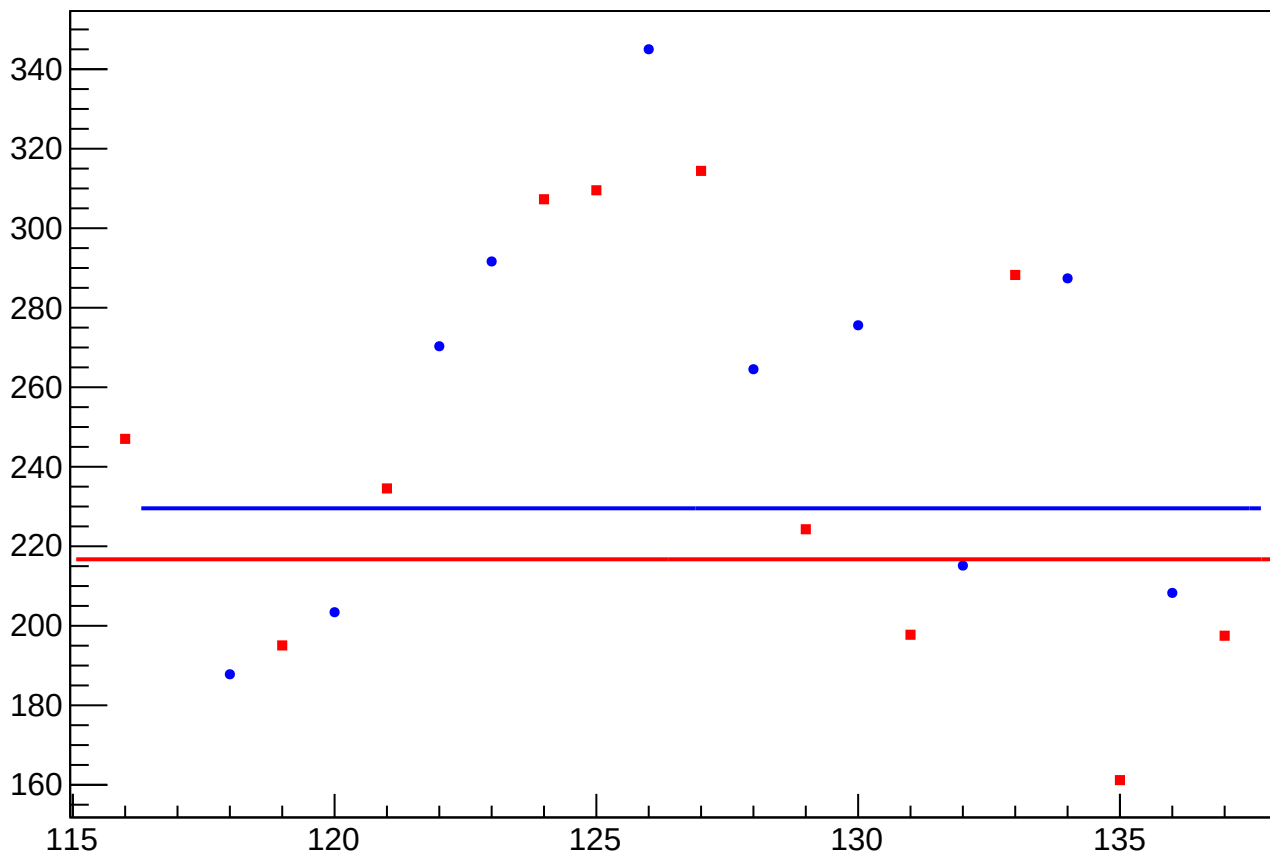
Right: -41.286+/-81.745 χ^2/NDF : 8.4/20

In: 22.145+/-118.019 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.286+/-81.745 χ^2/NDF : 8.4/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 229.550+/-0.083 χ^2/NDF : 239247.4/9

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

Right Out: 216.725+/-0.080 χ^2/NDF : 361067.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

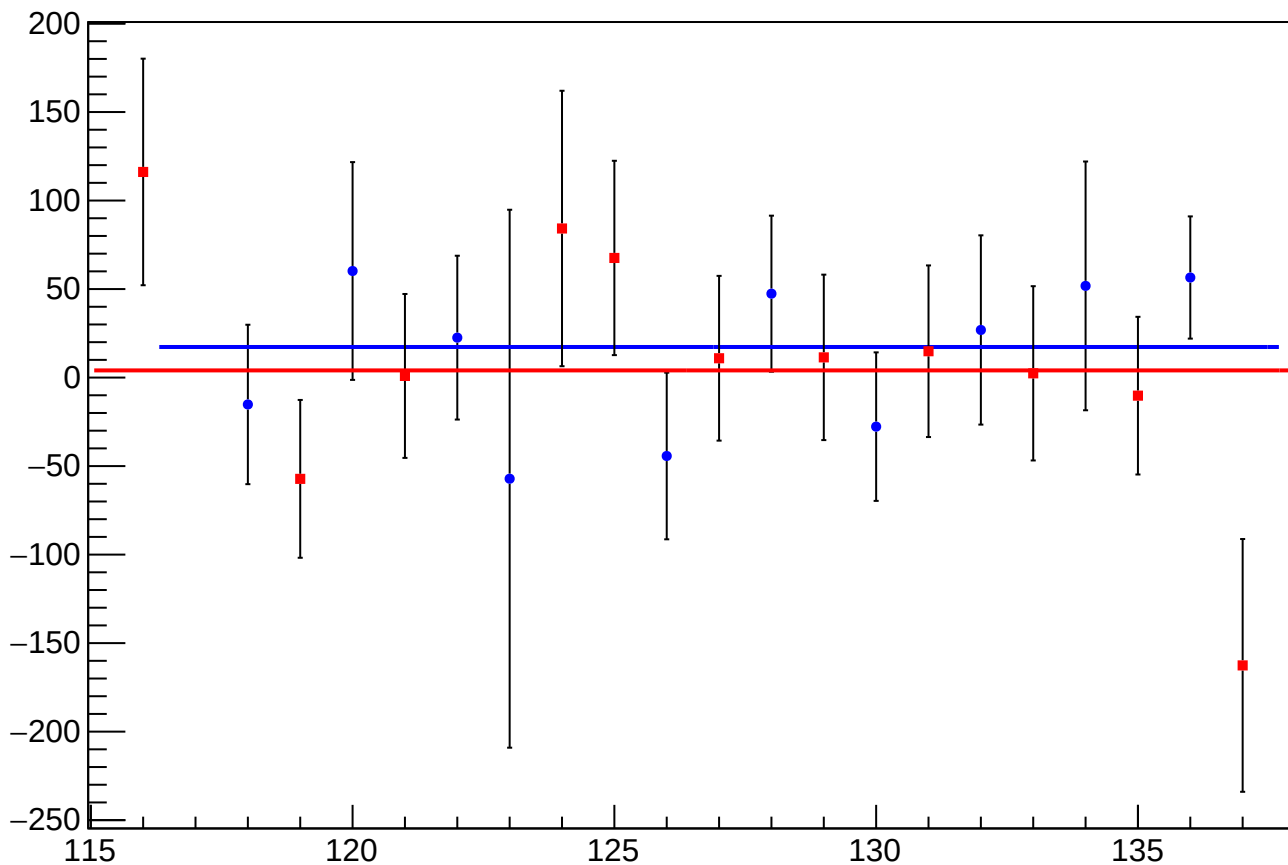
Right: 222.878+/-0.058 χ^2/NDF : 612601.6/20

In: 229.550+/-0.083 χ^2/NDF : 239247.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.878+/-0.058 χ^2/NDF : 612601.6/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 17.278+/-15.441 χ^2/NDF : 6.2/9

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

Right Out: 4.052+/-15.486 χ^2/NDF : 13.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

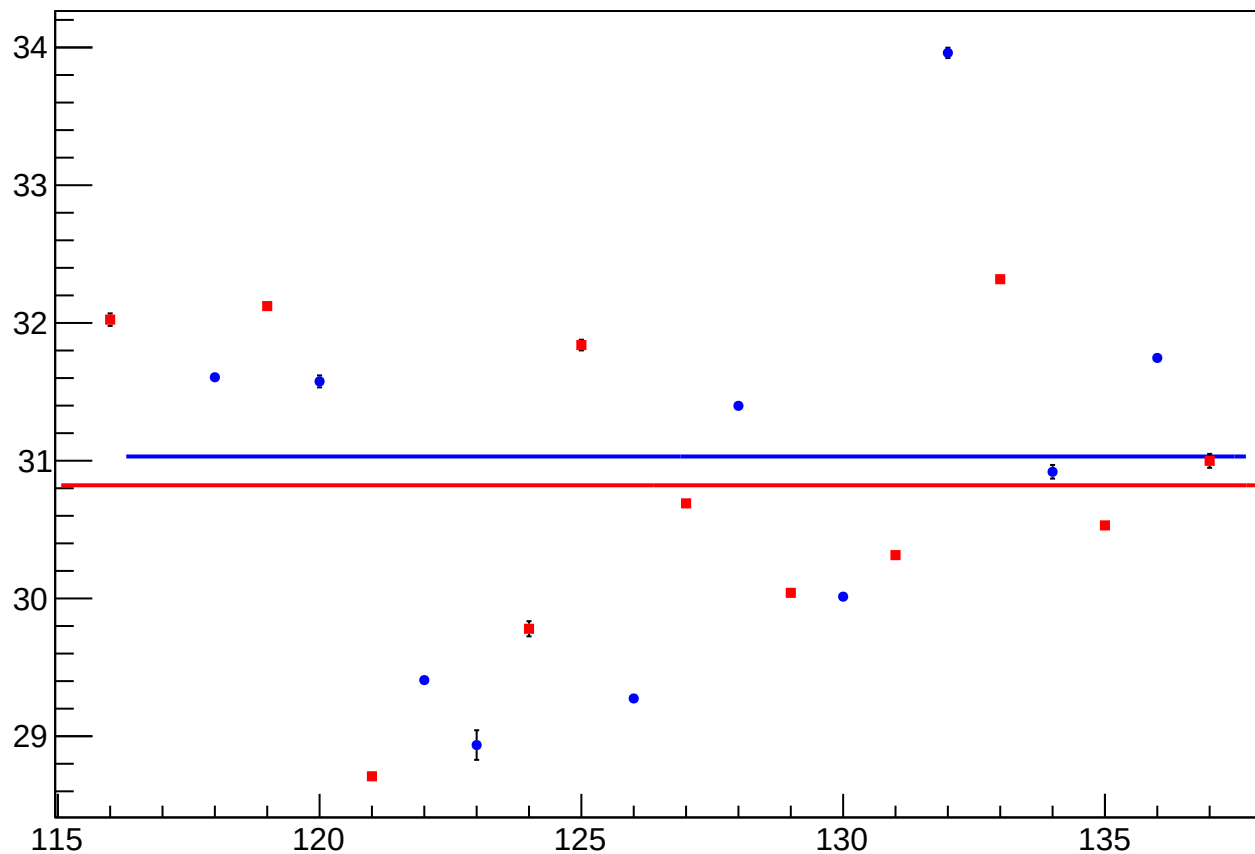
Right: 10.684+/-10.934 χ^2/NDF : 19.5/20

In: 17.278+/-15.441 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.684+/-10.934 χ^2/NDF : 19.5/20

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.031+/-0.011 χ^2/NDF : 14300.4/9

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

Right Out: 30.822+/-0.011 χ^2/NDF : 10359.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

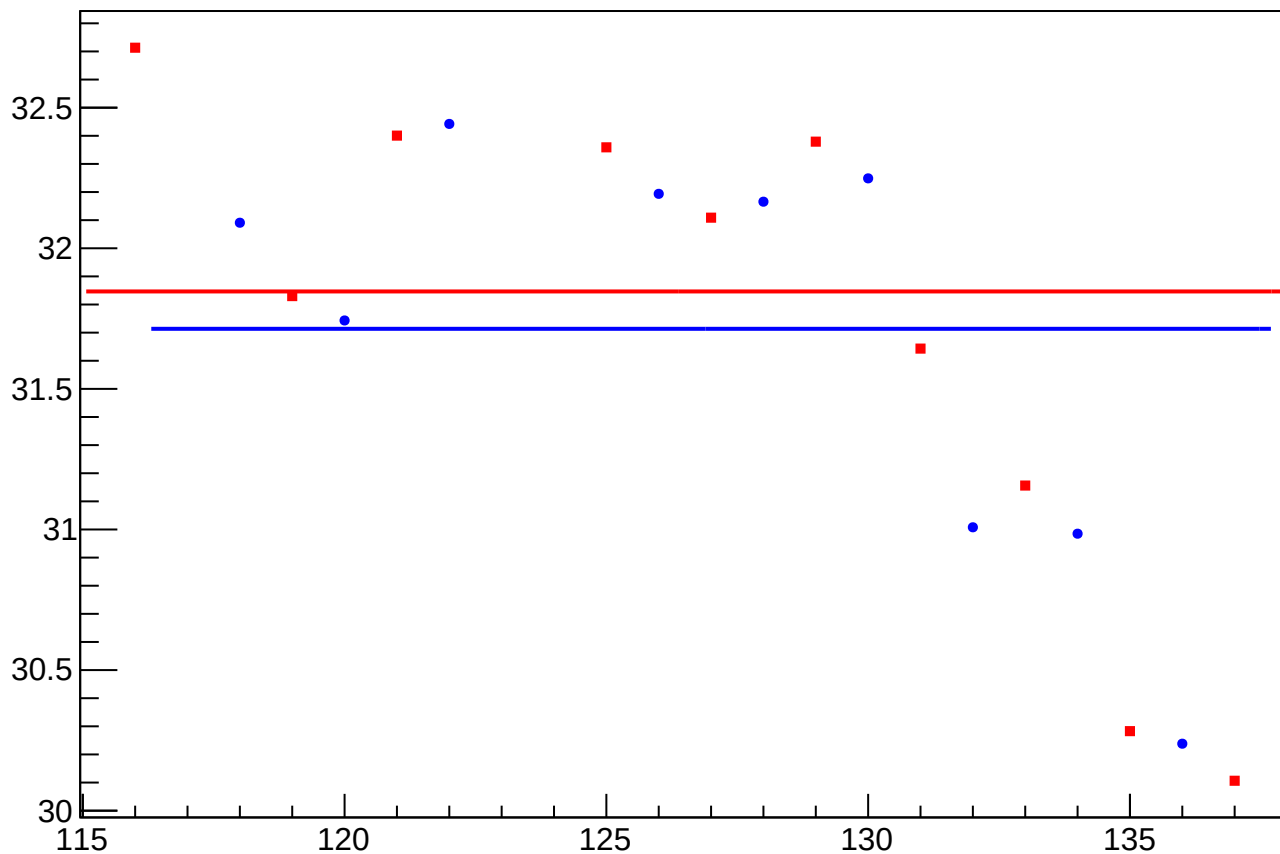
Right: 30.926+/-0.008 χ^2/NDF : 24842.3/20

In: 31.031+/-0.011 χ^2/NDF : 14300.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.926+/-0.008 χ^2/NDF : 24842.3/20

yield_usl_mean vs Slug, Sign Corrected



Right In: 31.714+/-0.000 χ^2/NDF : 538447527.6/8

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

Right Out: 31.846+/-0.000 χ^2/NDF : 472473800.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

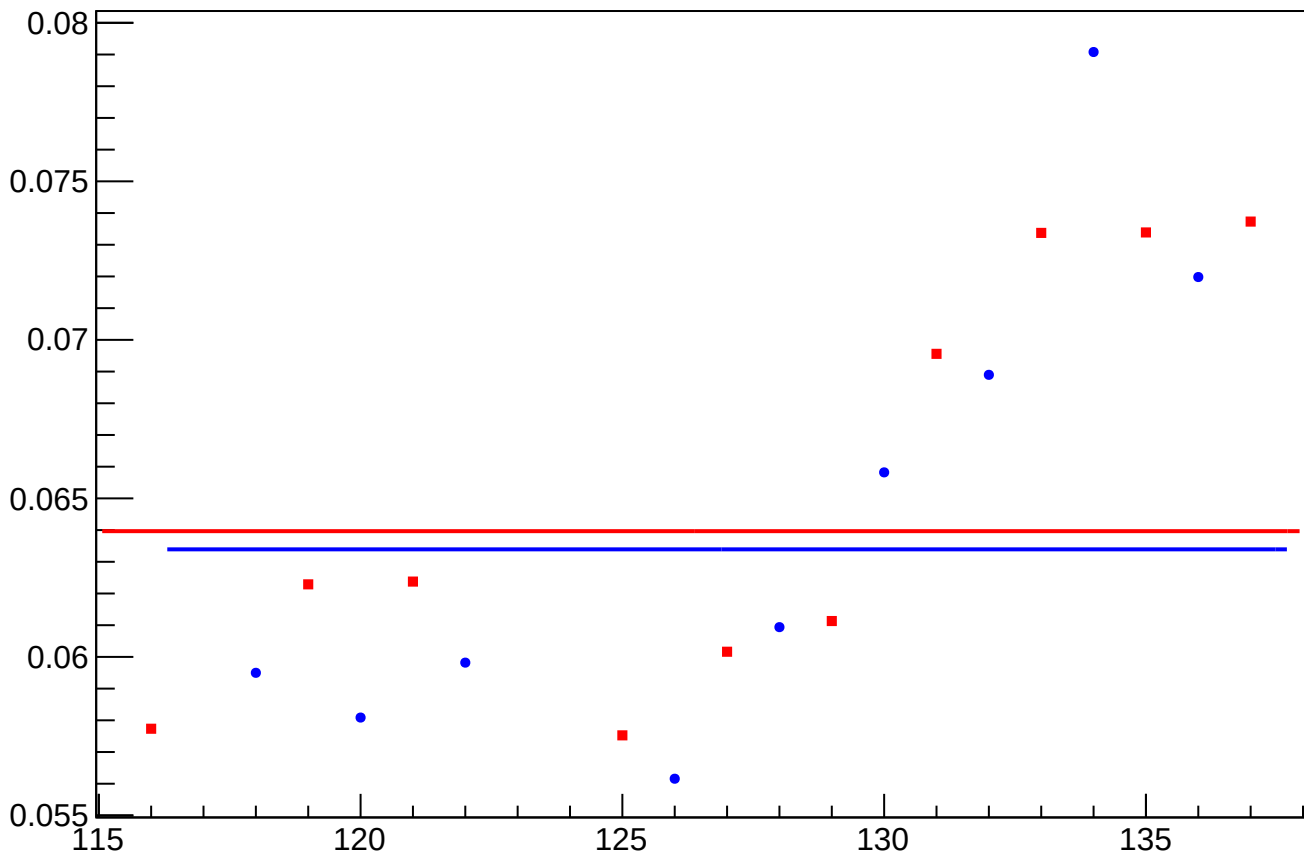
Right: 31.778+/-0.000 χ^2/NDF : 1018701596.8/18

In: 31.714+/-0.000 χ^2/NDF : 538447527.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.778+/-0.000 χ^2/NDF : 1018701596.8/18

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.063+/-0.000 χ^2/NDF : 65688.3/8

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

Right Out: 0.064+/-0.000 χ^2/NDF : 57044.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

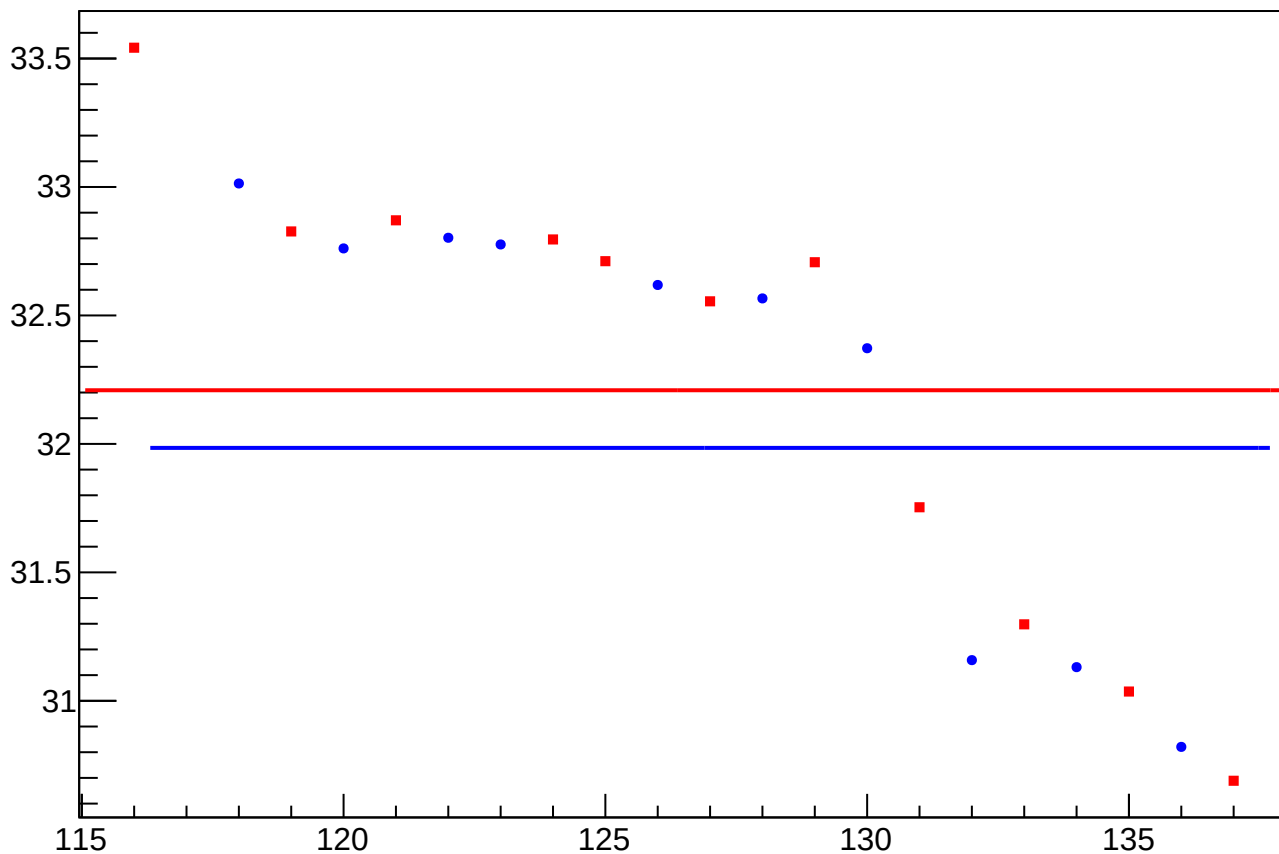
Right: 0.064+/-0.000 χ^2/NDF : 123022.7/18

In: 0.063+/-0.000 χ^2/NDF : 65688.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.000 χ^2/NDF : 123022.7/18

yield_usr_mean vs Slug, Sign Corrected



Right In: 31.984+/-0.000 χ^2/NDF : 451035209.2/9

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

Right Out: 32.209+/-0.000 χ^2/NDF : 385432971.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

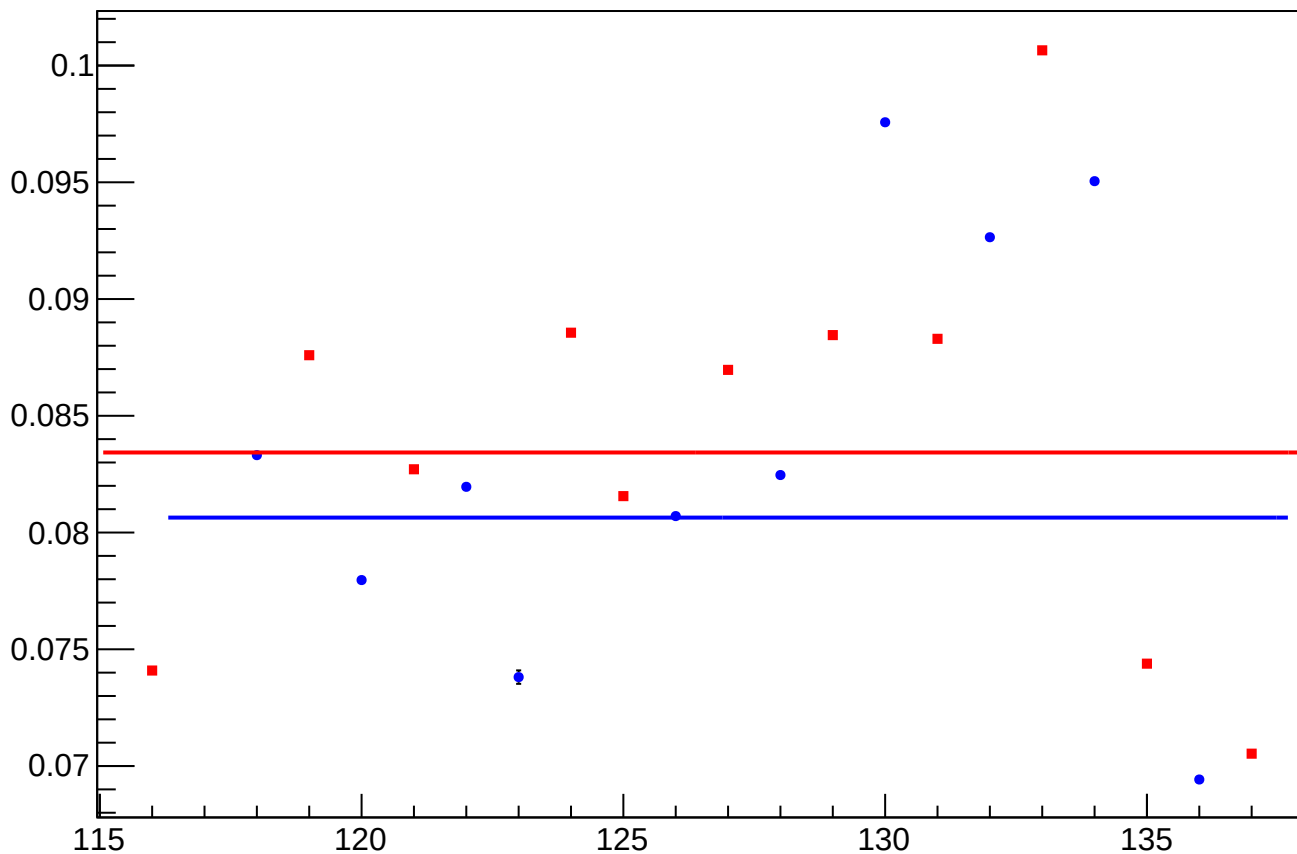
Right: 32.092+/-0.000 χ^2/NDF : 850016137.7/20

In: 31.984+/-0.000 χ^2/NDF : 451035209.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.092+/-0.000 χ^2/NDF : 850016137.7/20

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.081+/-0.000 χ^2/NDF : 91661.7/9

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

Right Out: 0.083+/-0.000 χ^2/NDF : 64131.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

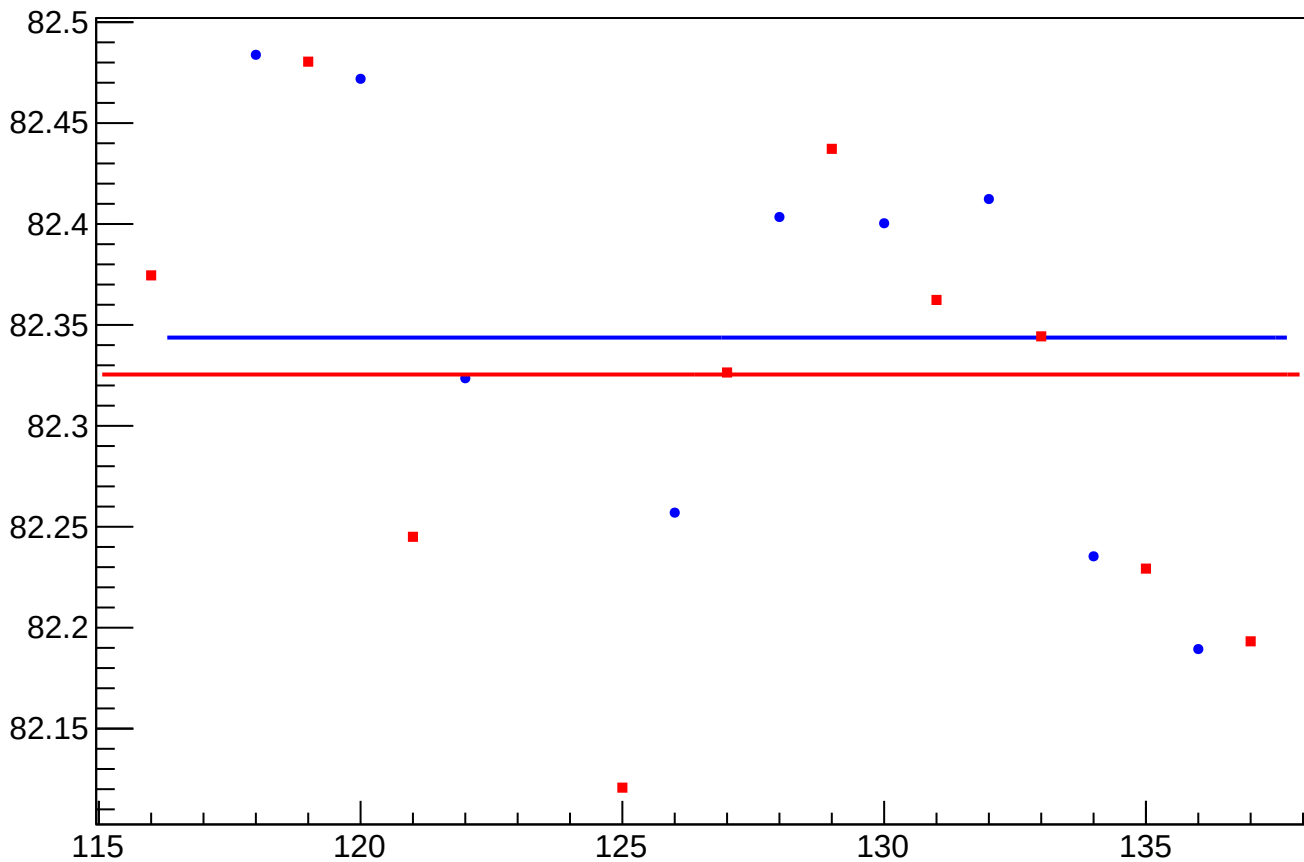
Right: 0.082+/-0.000 χ^2/NDF : 159978.6/20

In: 0.081+/-0.000 χ^2/NDF : 91661.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.082+/-0.000 χ^2/NDF : 159978.6/20

yield_dsl_mean vs Slug, Sign Corrected



Right In: 82.344+/-0.000 χ^2/NDF : 25414844.8/8

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

Right Out: 82.325+/-0.000 χ^2/NDF : 24073777.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

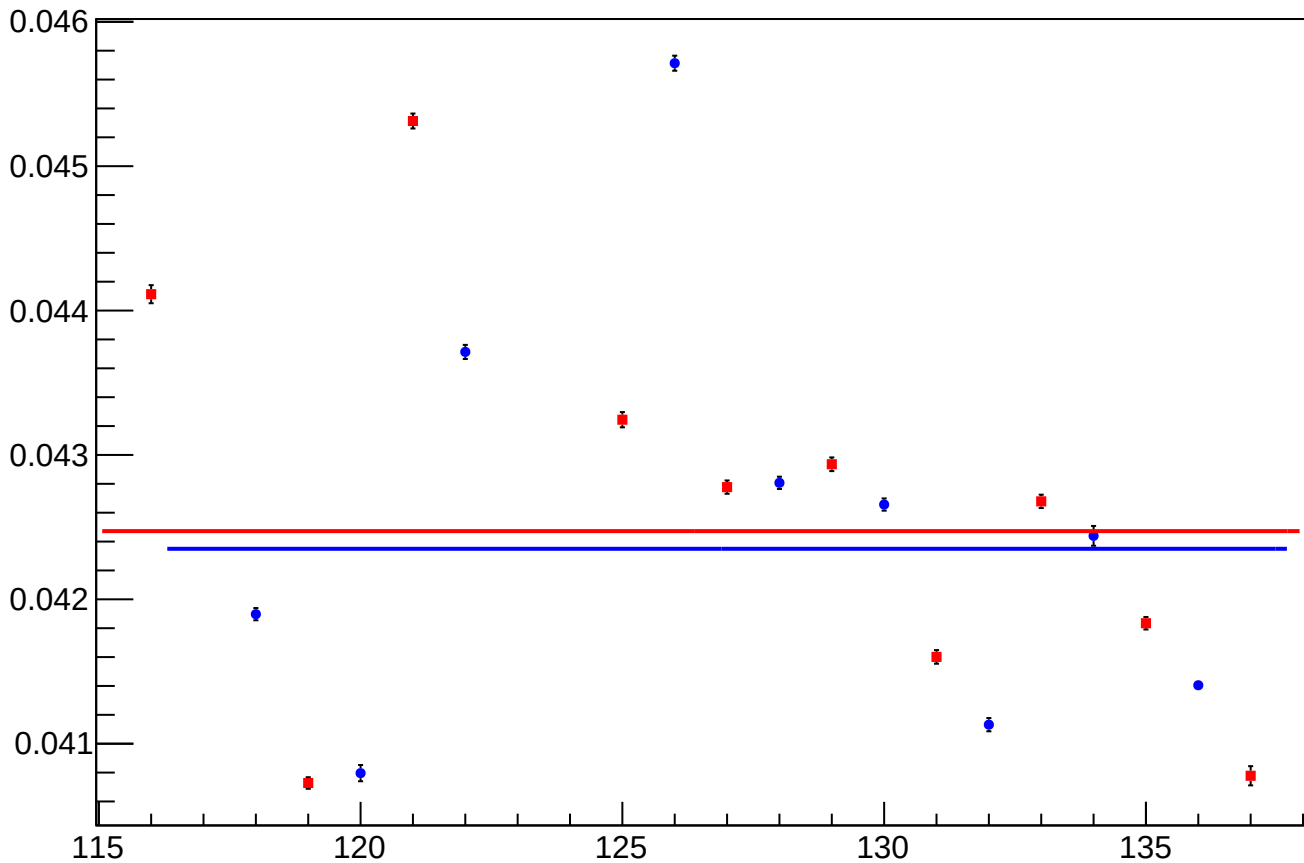
Right: 82.335+/-0.000 χ^2/NDF : 49849129.0/18

In: 82.344+/-0.000 χ^2/NDF :25414844.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.335+/-0.000 χ^2/NDF : 49849129.0/18

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 7551.3/8

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

Right Out: 0.042+/-0.000 χ^2/NDF : 7160.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

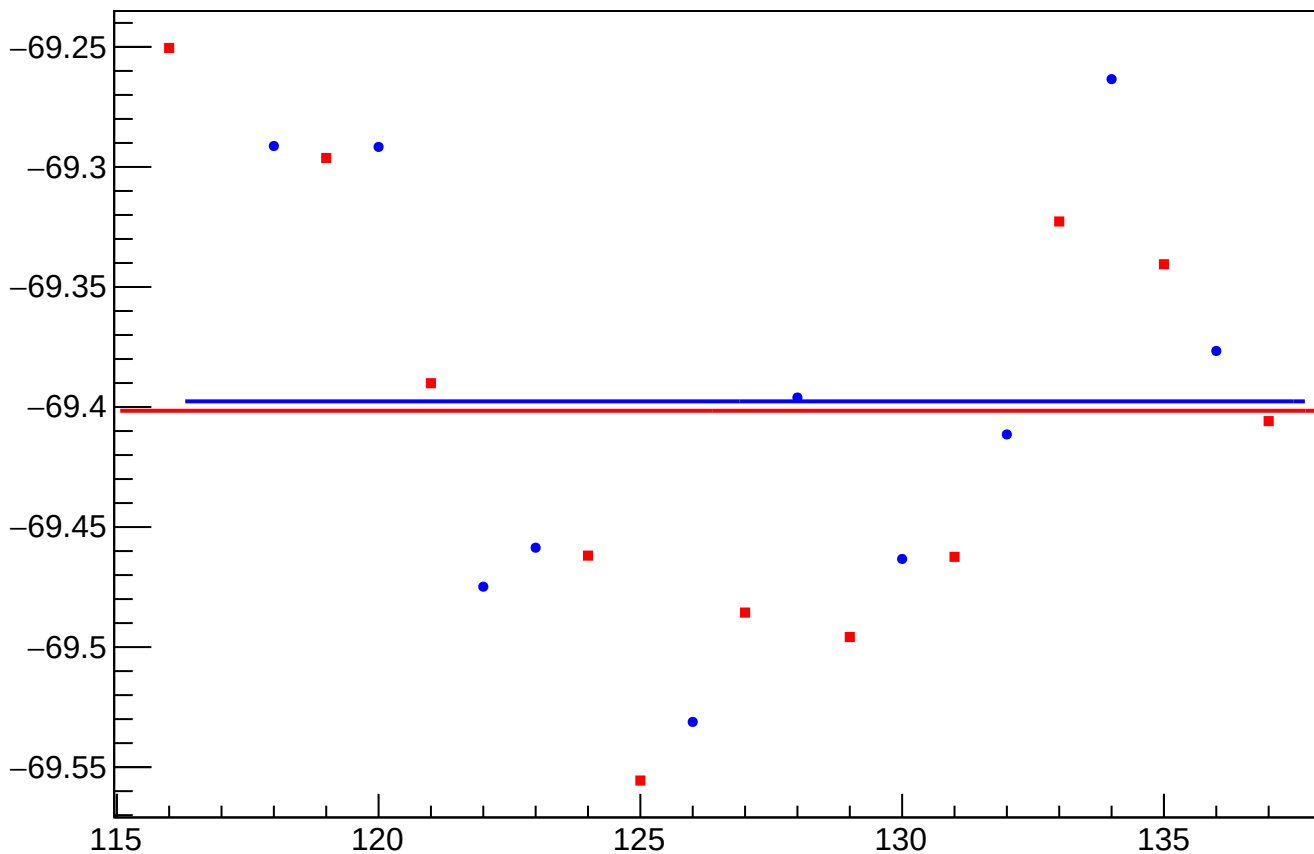
Right: 0.042+/-0.000 χ^2/NDF : 14743.6/18

In: 0.042+/-0.000 χ^2/NDF : 7551.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 14743.6/18

yield_dsr_mean vs Slug, Sign Corrected



Right In: -69.398+/-0.000 χ^2/NDF : 6965729.2/9

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

Right Out: -69.402+/-0.000 χ^2/NDF : 9045377.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

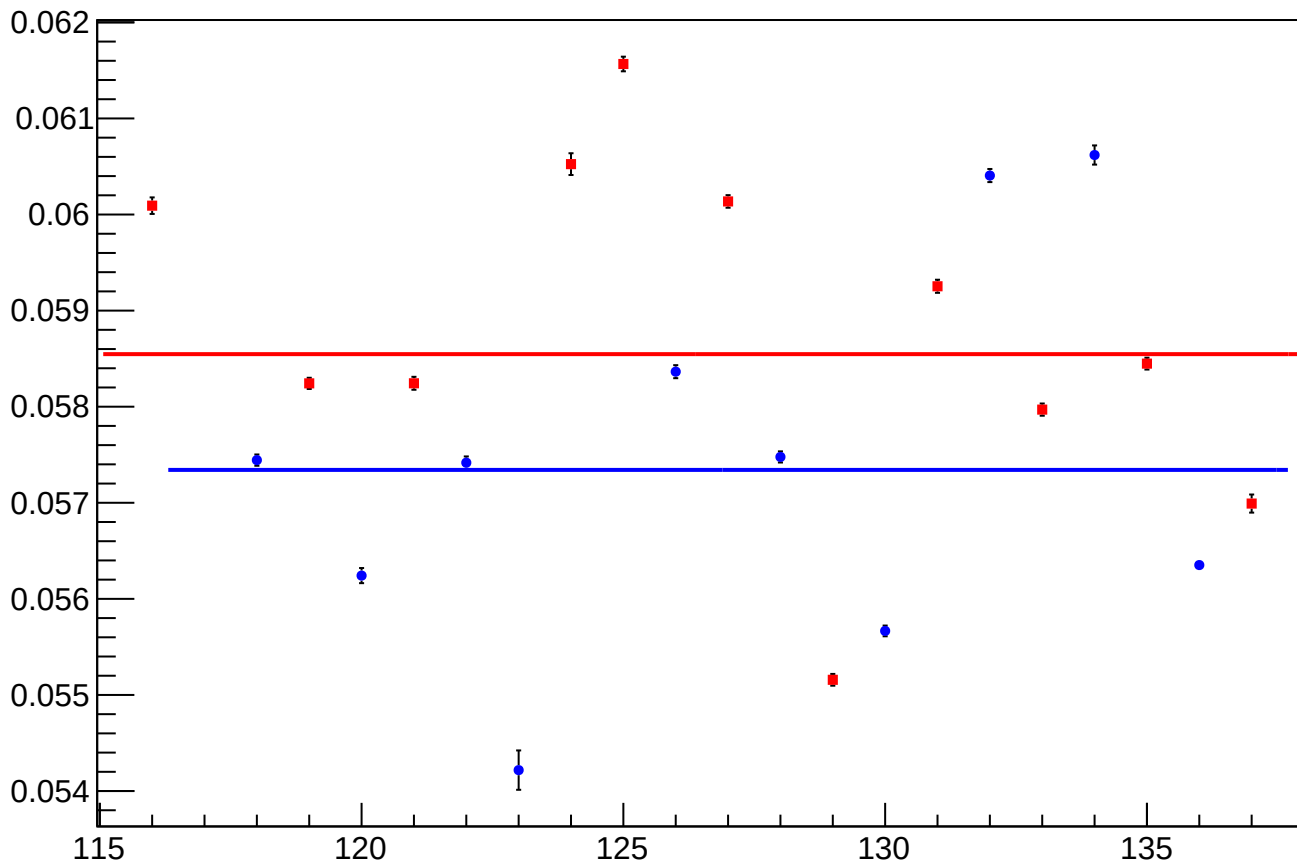
Right: -69.400+/-0.000 χ^2/NDF : 16019921.5/20

In: -69.398+/-0.000 χ^2/NDF : 6965729.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.400+/-0.000 χ^2/NDF : 16019921.5/20

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.057+/-0.000 χ^2/NDF : 5158.8/9

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

Right Out: 0.059+/-0.000 χ^2/NDF : 6365.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

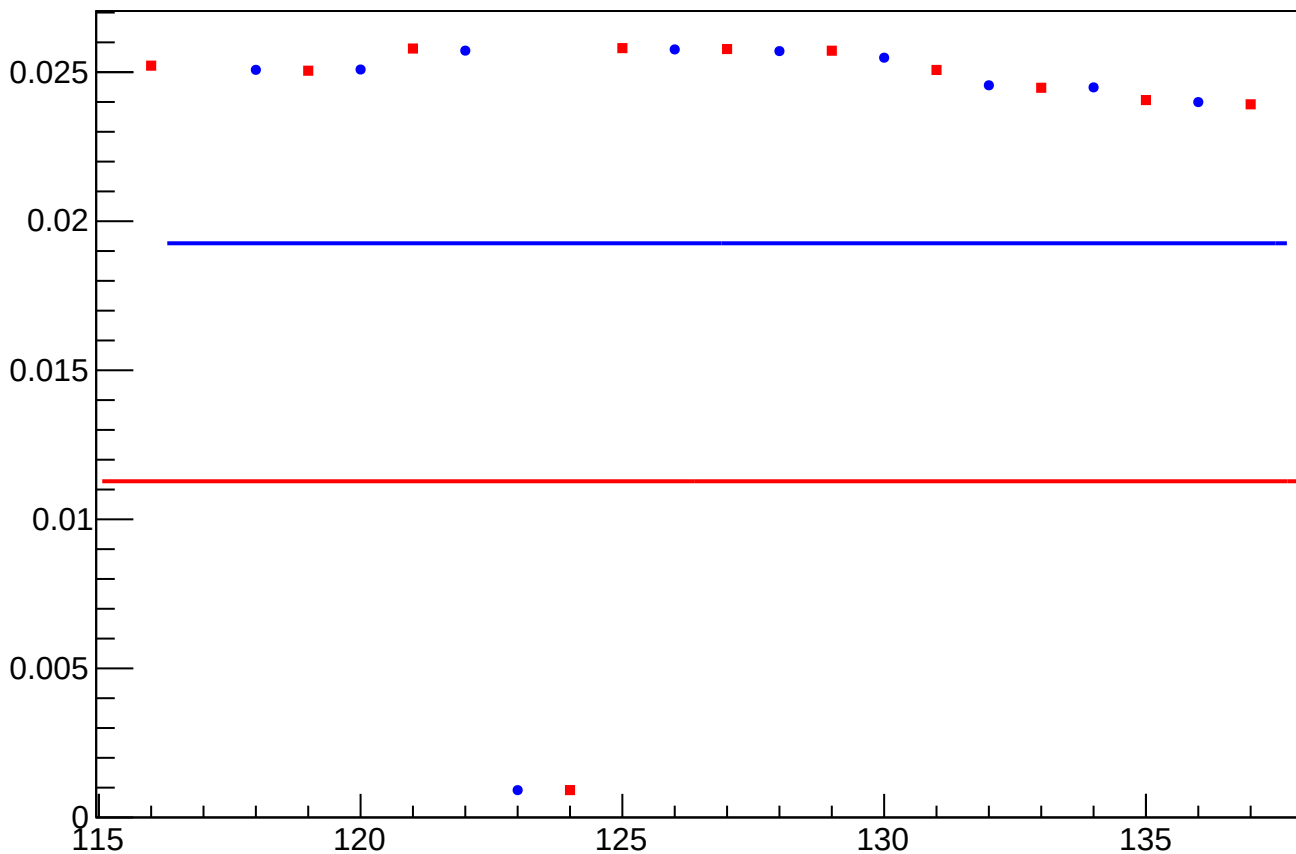
Right: 0.058+/-0.000 χ^2/NDF : 13197.6/20

In: 0.057+/-0.000 χ^2/NDF :5158.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.058+/-0.000 χ^2/NDF : 13197.6/20

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.000

χ^2/NDF : 103932439638.2/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 376580753473.2/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.019+/-0.000

χ^2/NDF : 103932439638.2/9

Right Out: 0.011+/-0.000

χ^2/NDF : 233566195692.6/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

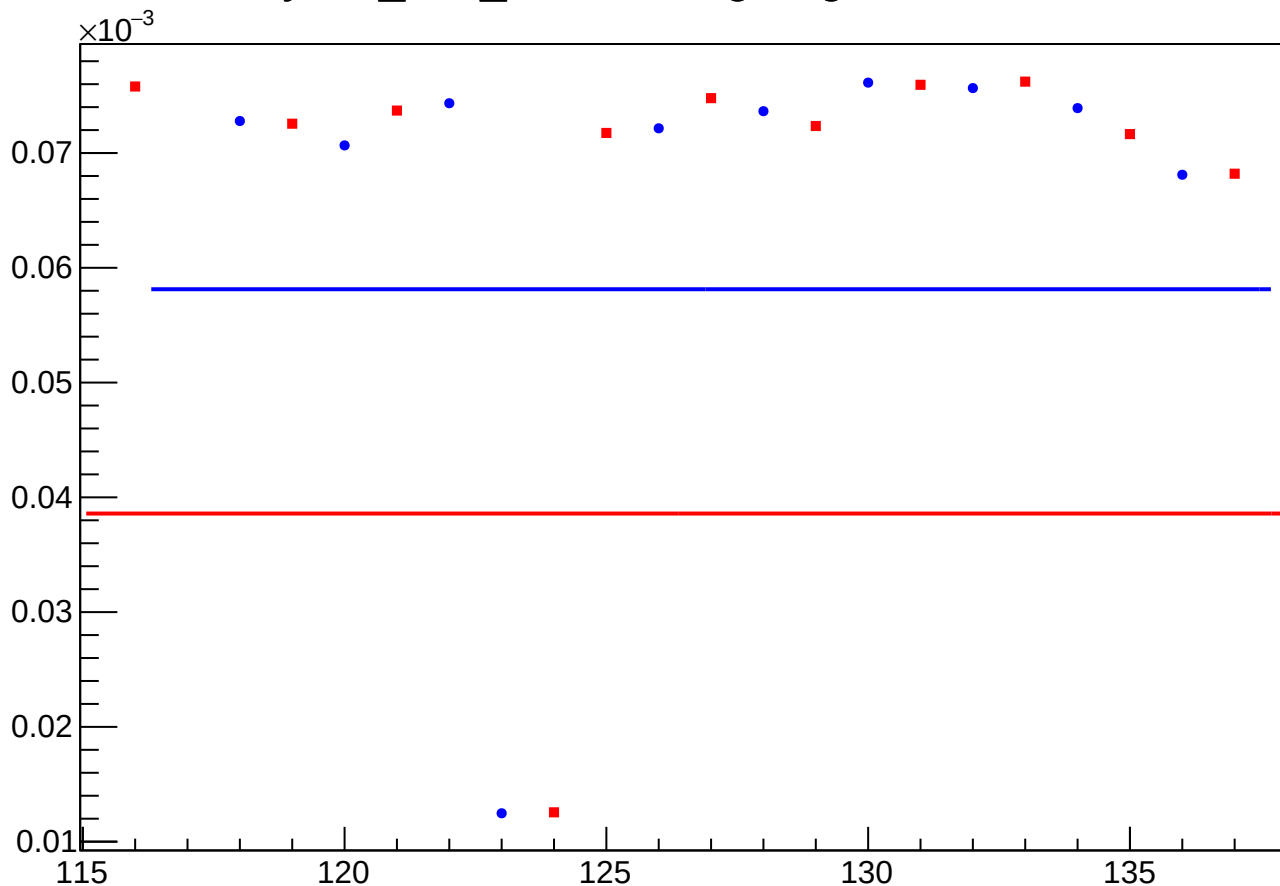
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 376580753473.2

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1295311.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2952245.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

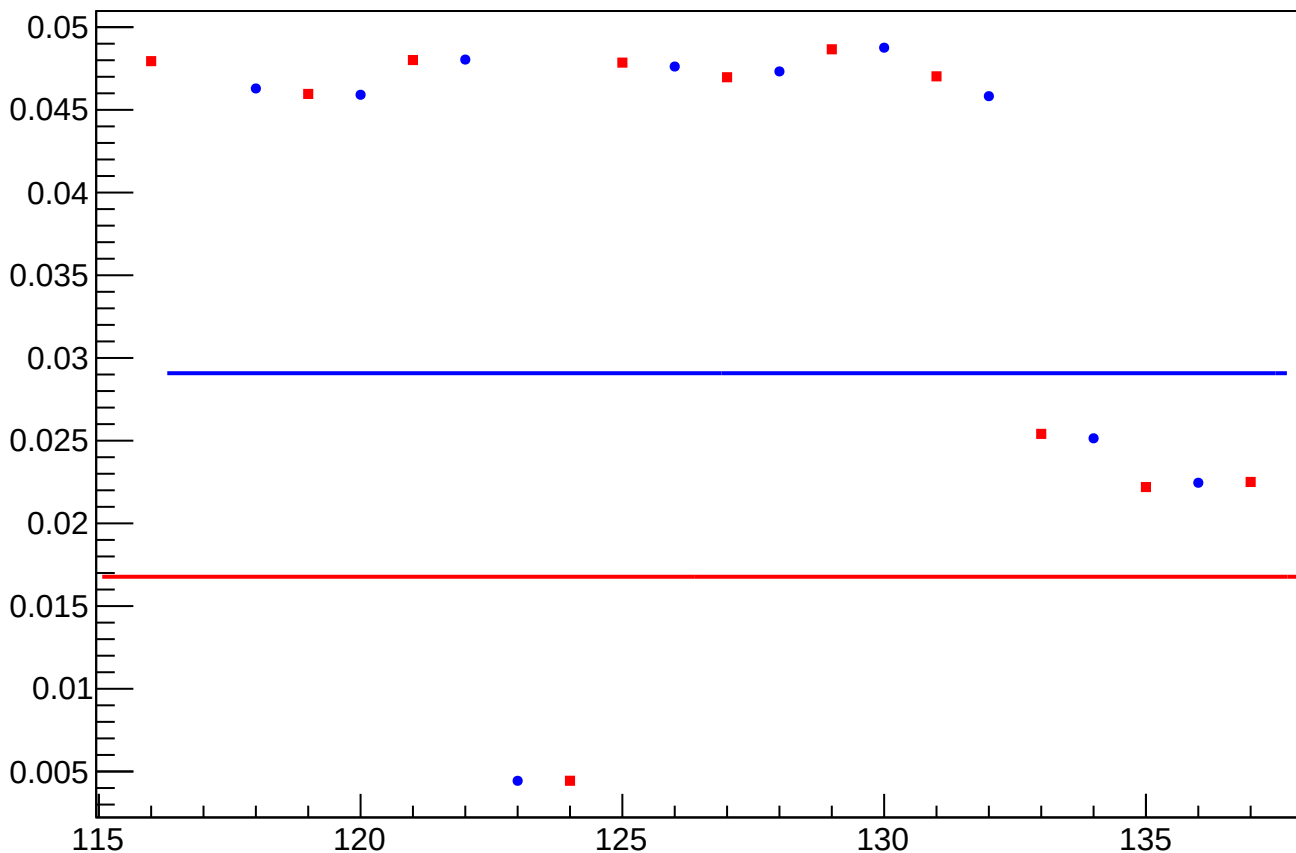
Right: 0.000+/-0.000 χ^2/NDF : 4716016.8/20

In: 0.000+/-0.000 χ^2/NDF : 1295311.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4716016.8/20

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.000

χ^2/NDF : 18693504022.0/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.021+/-0.000

χ^2/NDF : 55692624620.8/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.029+/-0.000

χ^2/NDF : 18693504022.0/9

Right Out: 0.017+/-0.000

χ^2/NDF : 31548871660.7/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

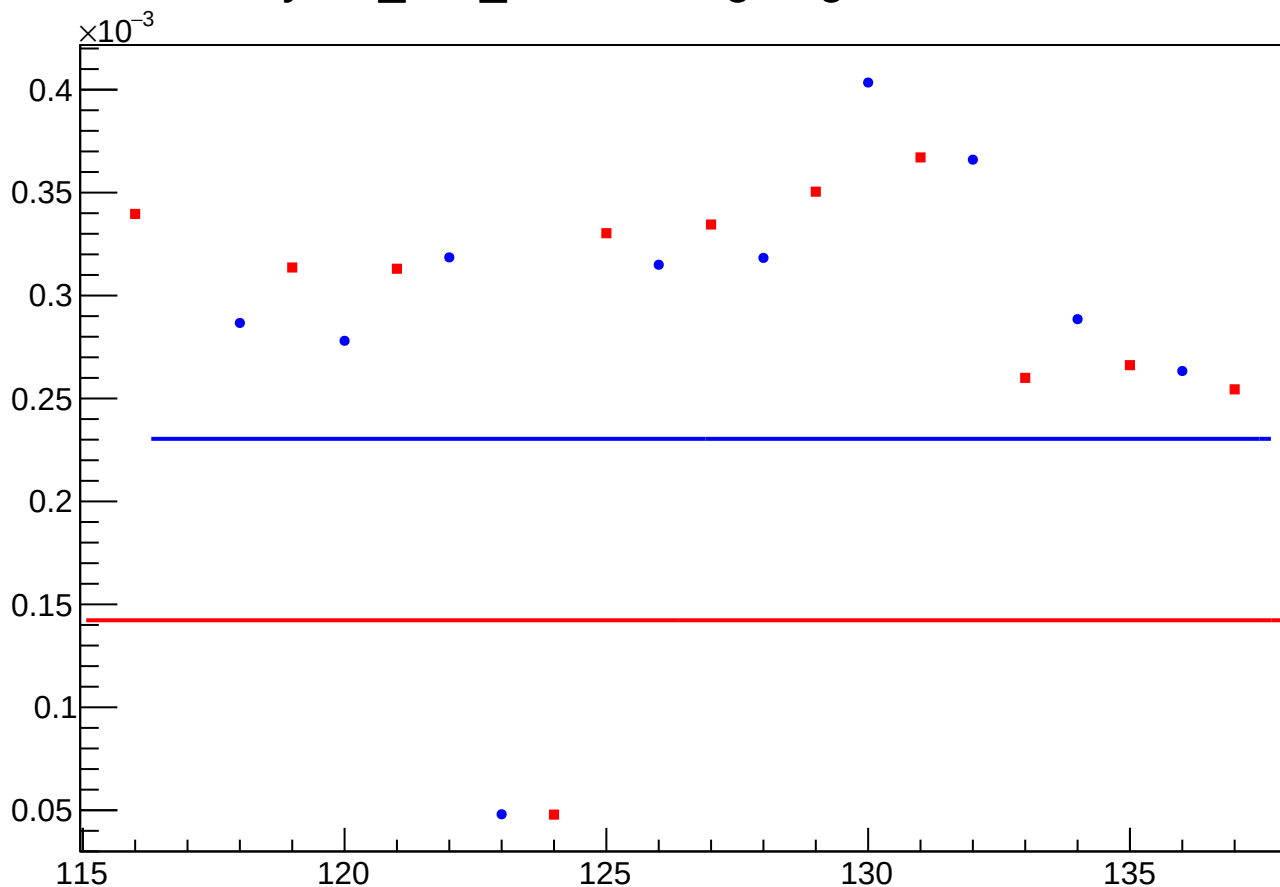
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.021+/-0.000

χ^2/NDF : 55692624620.8/20

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1595421.7/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3205240.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

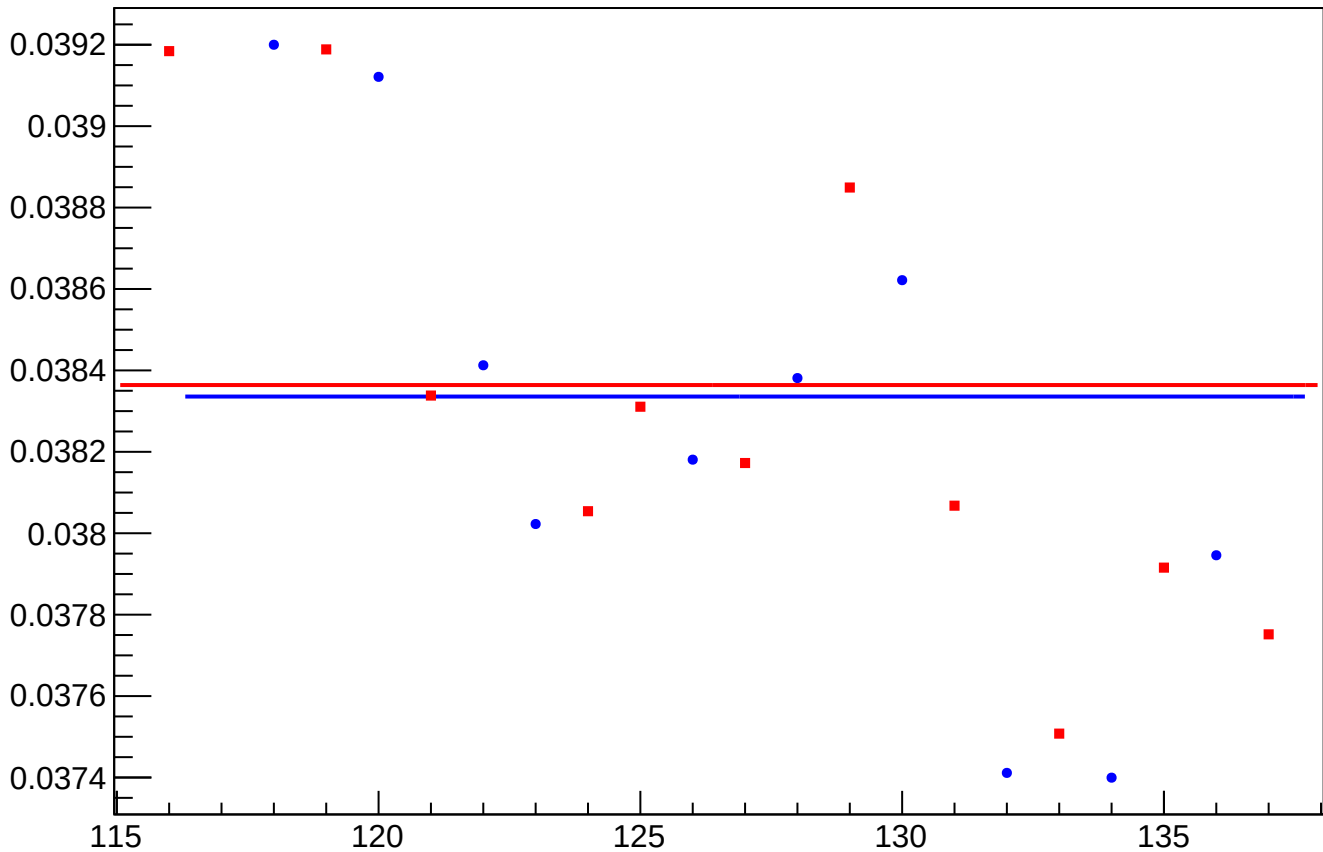
Right: 0.000+/-0.000 χ^2/NDF : 5359880.6/20

In: 0.000+/-0.000 χ^2/NDF :1595421.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5359880.6/20

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 69899066.9/9

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

Right Out: 0.038+/-0.000 χ^2/NDF : 66639102.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

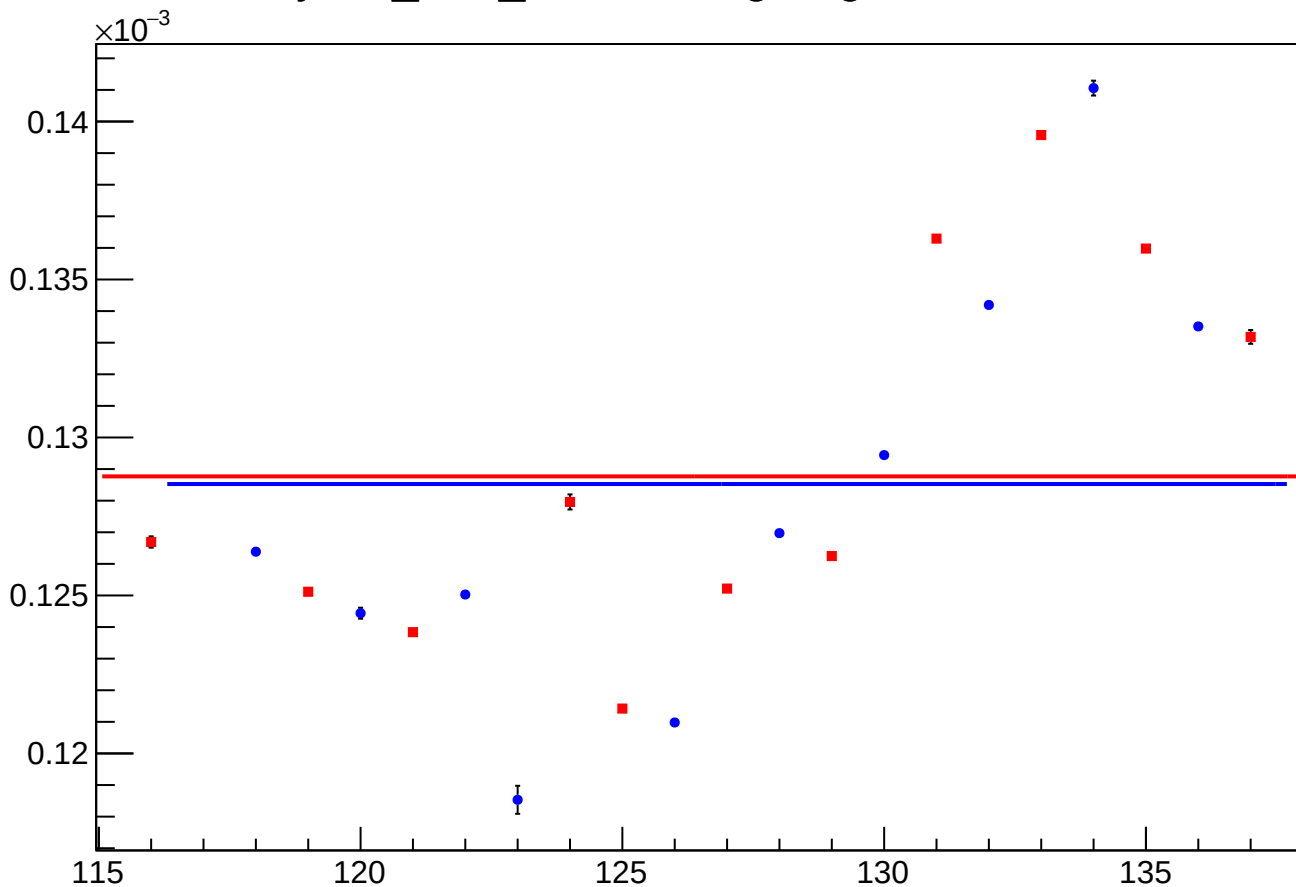
Right: 0.038+/-0.000 χ^2/NDF : 136632495.2/20

In: 0.038+/-0.000 χ^2/NDF :69899066.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.038+/-0.000 χ^2/NDF : 136632495.2/20

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11675.0/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15928.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

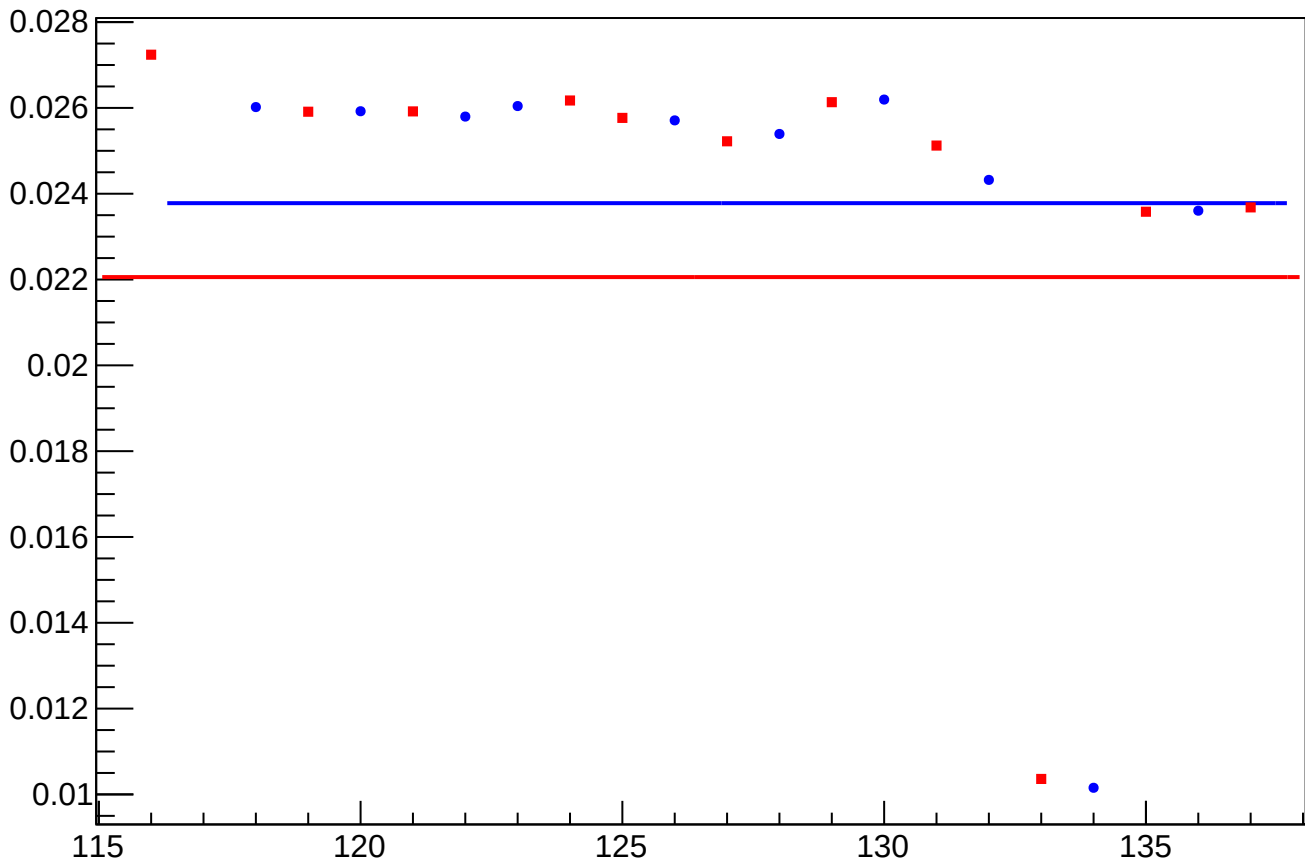
Right: 0.000+/-0.000 χ^2/NDF : 27617.2/20

In: 0.000+/-0.000 χ^2/NDF : 11675.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27617.2/20

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.000

χ^2/NDF : 1092332594.0/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 3463160646.0/20

Right Out: 0.022+/-0.000

χ^2/NDF : 2285249916.7/10

In: 0.024+/-0.000

χ^2/NDF : 1092332594.0/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

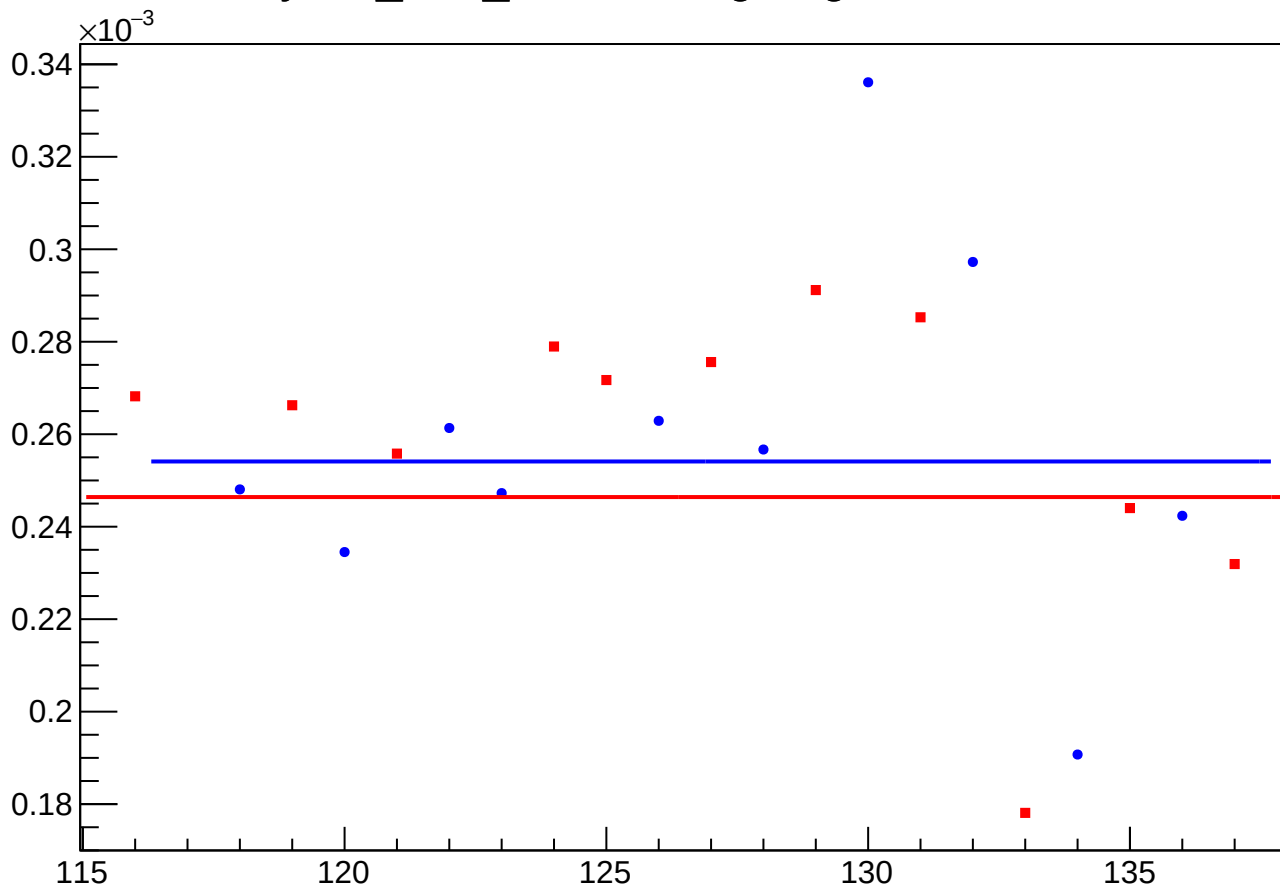
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 3463160646.0/20

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 120752.7/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 179090.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

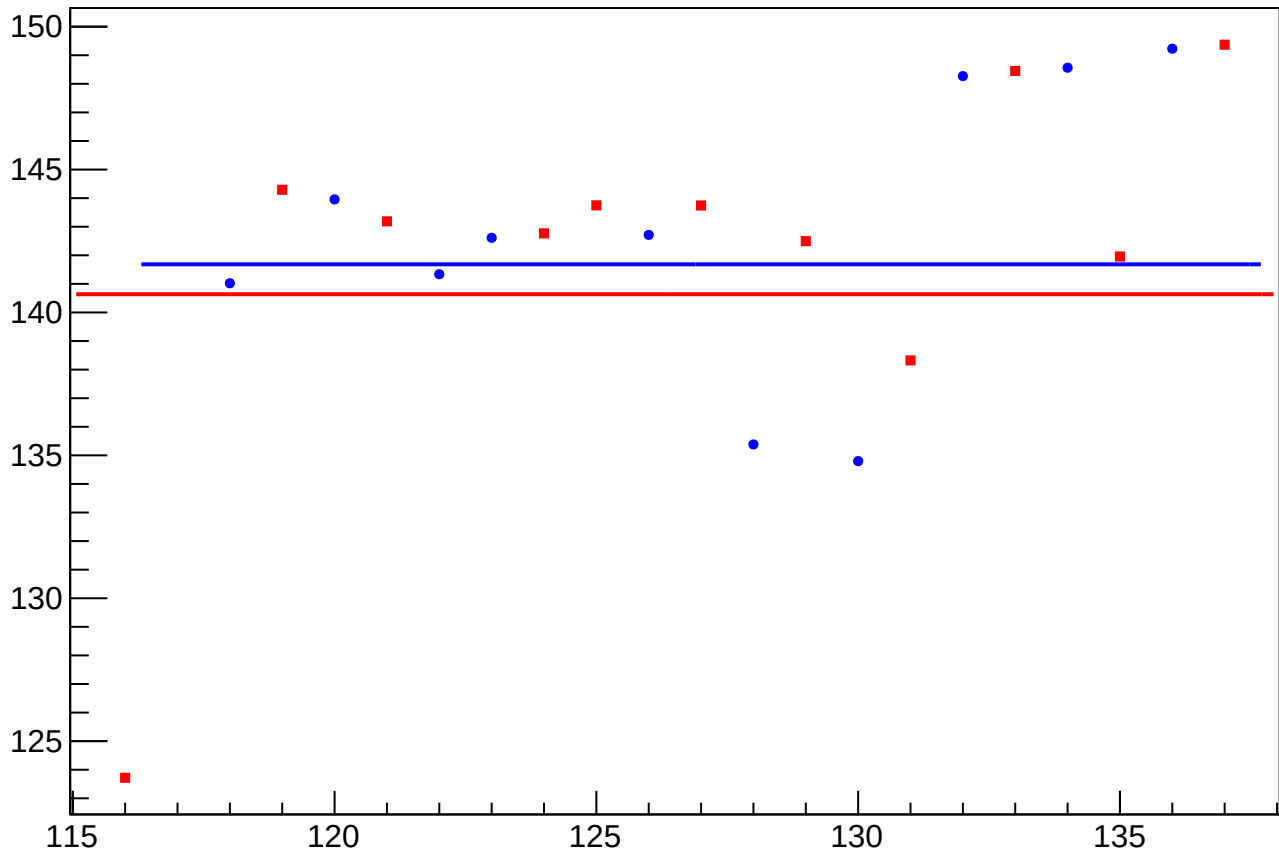
Right: 0.000+/-0.000 χ^2/NDF : 303259.3/20

In: 0.000+/-0.000 χ^2/NDF : 120752.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

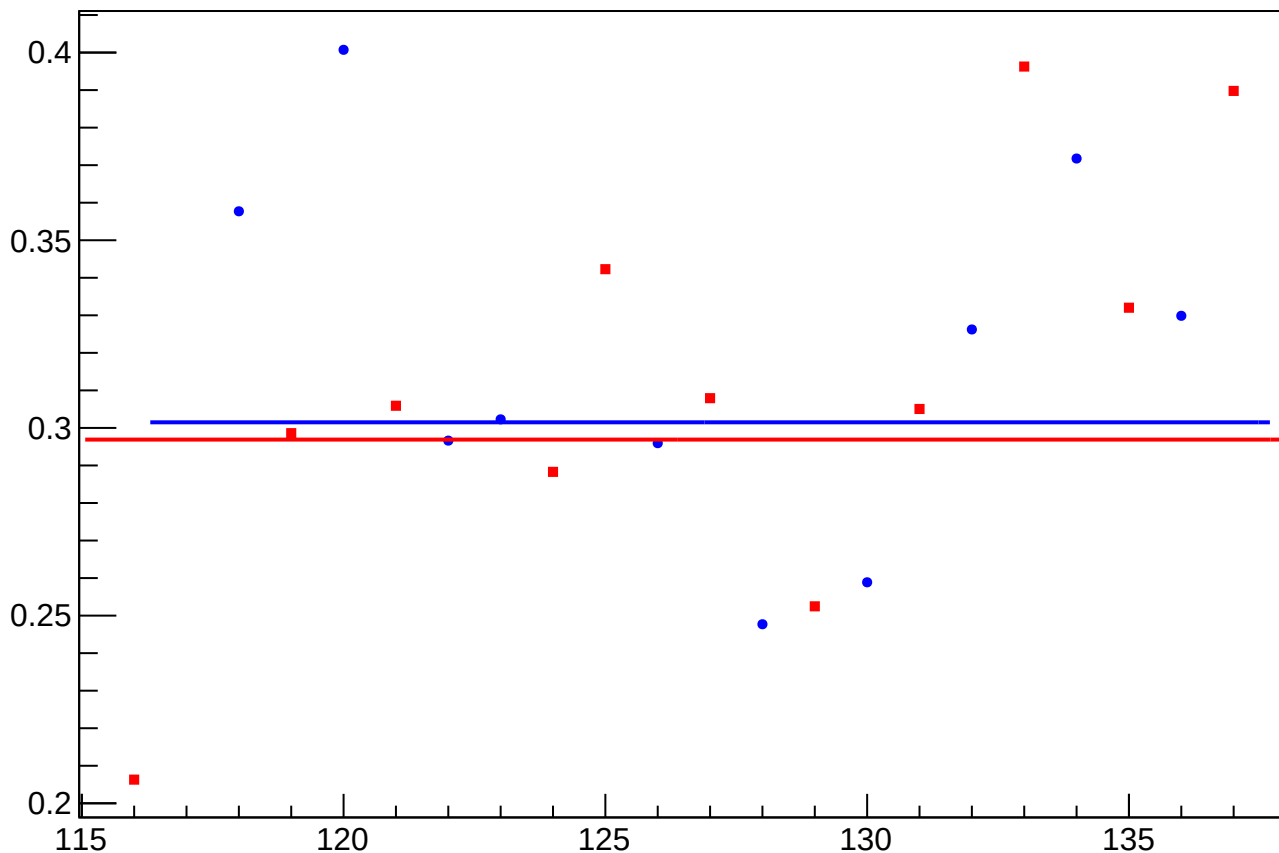
All: 0.000+/-0.000 χ^2/NDF : 303259.3/20

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 141.685 $\pm$ 0.000 χ^2 /NDF: 1285306226.5/9
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141.171 $\pm$ 0.000 χ^2 /NDF: 3272171705.0/20
 Right Out: 140.638 $\pm$ 0.000 χ^2 /NDF: 1965100058.6/10
 In: 141.685 $\pm$ 0.000 χ^2 /NDF: 1285306226.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 141.171 $\pm$ 0.000 χ^2 /NDF: 3272171705.0

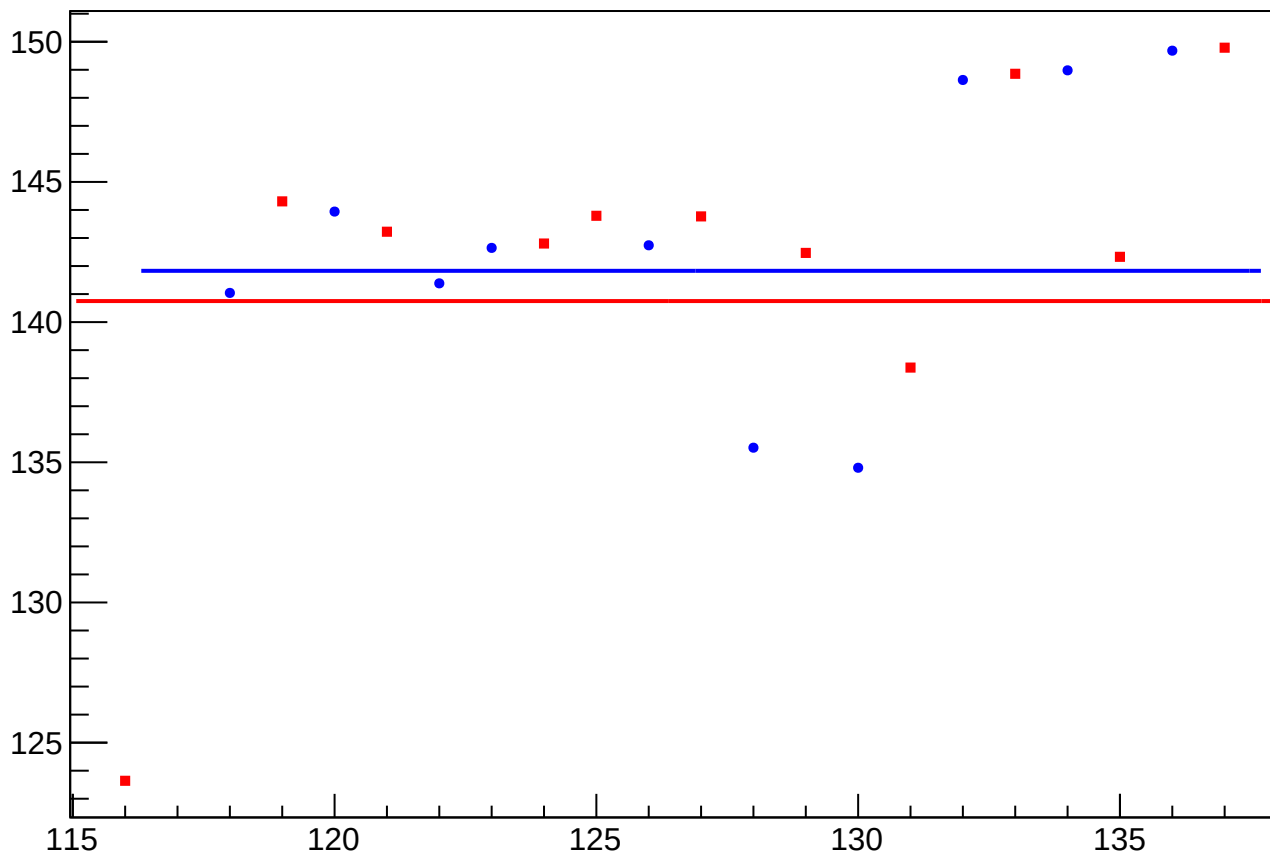
yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.301+/-0.000 χ^2/NDF : 149360.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.297+/-0.000 χ^2/NDF : 203638.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

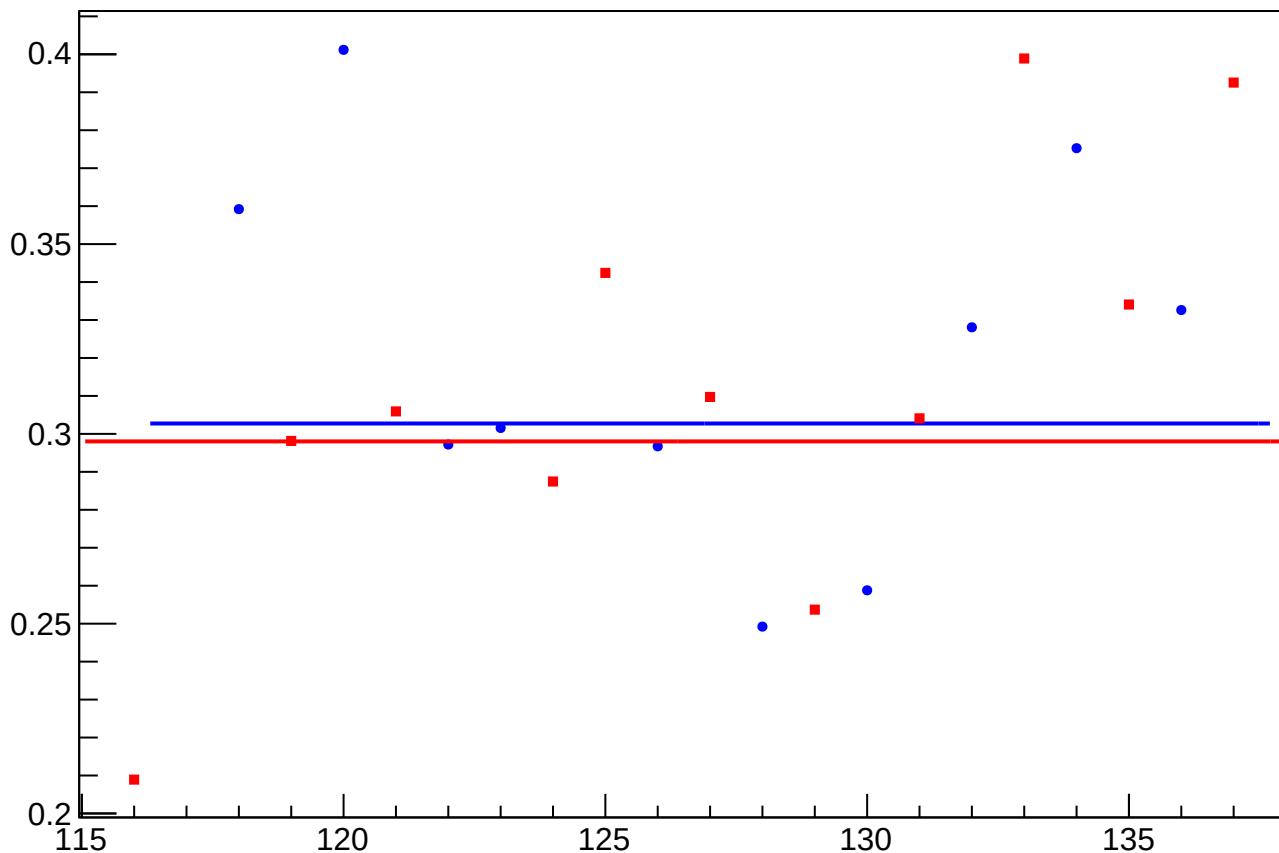
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.299+/-0.000 χ^2/NDF : 353840.1/20
 In: 0.301+/-0.000 χ^2/NDF : 149360.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.299+/-0.000 χ^2/NDF : 353840.1/20

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 141.829+/-0.000 χ^2/NDF : 1335356882.5/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 141.299+/-0.000 χ^2/NDF : 3330865984.0/20
 Right Out: 140.751+/-0.000 χ^2/NDF : 1972590228.9/10
 In: 141.829+/-0.000 χ^2/NDF : 1335356882.5/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 141.299+/-0.000 χ^2/NDF : 3330865984.0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.303+/-0.000 χ^2/NDF : 151474.9/9

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

Right Out: 0.298+/-0.000 χ^2/NDF : 199830.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

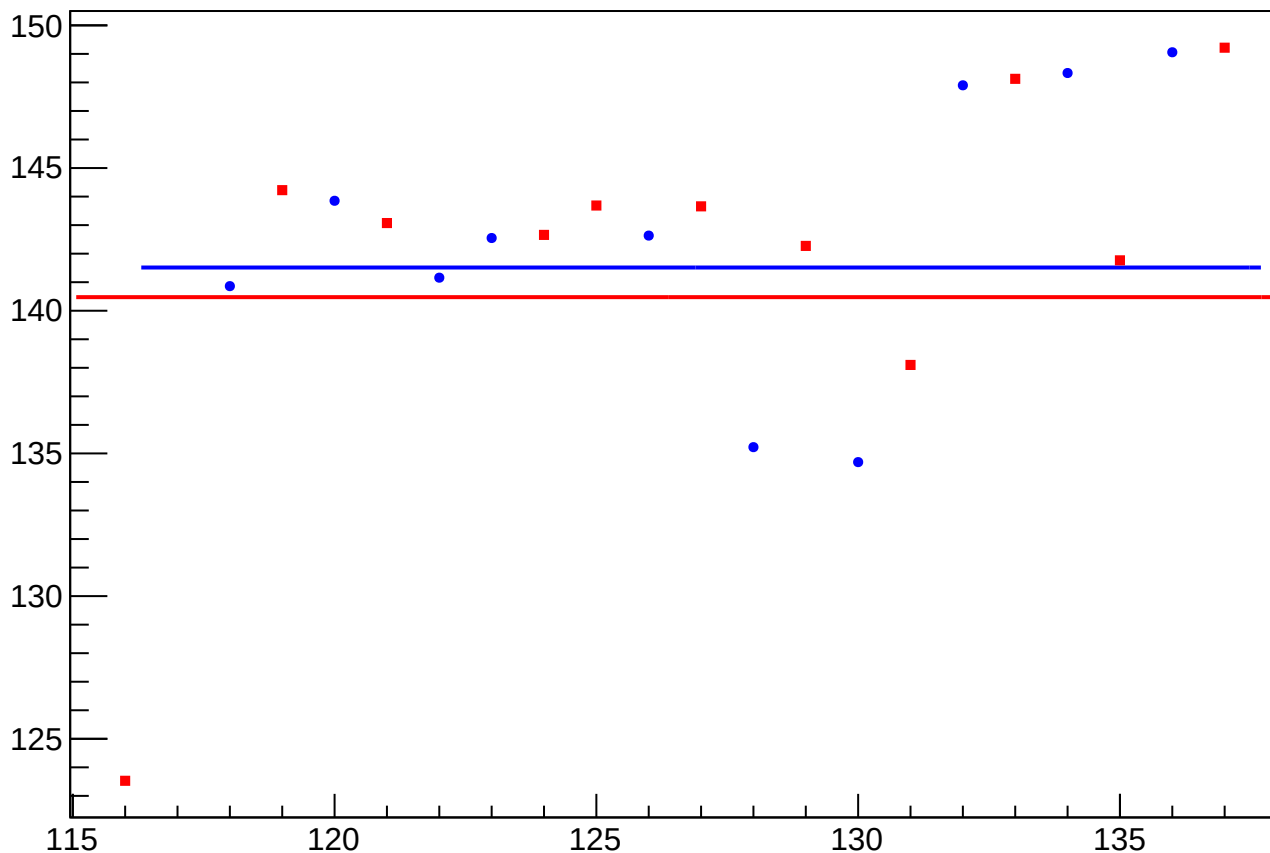
Right: 0.300+/-0.000 χ^2/NDF : 352182.5/20

In: 0.303+/-0.000 χ^2/NDF : 151474.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

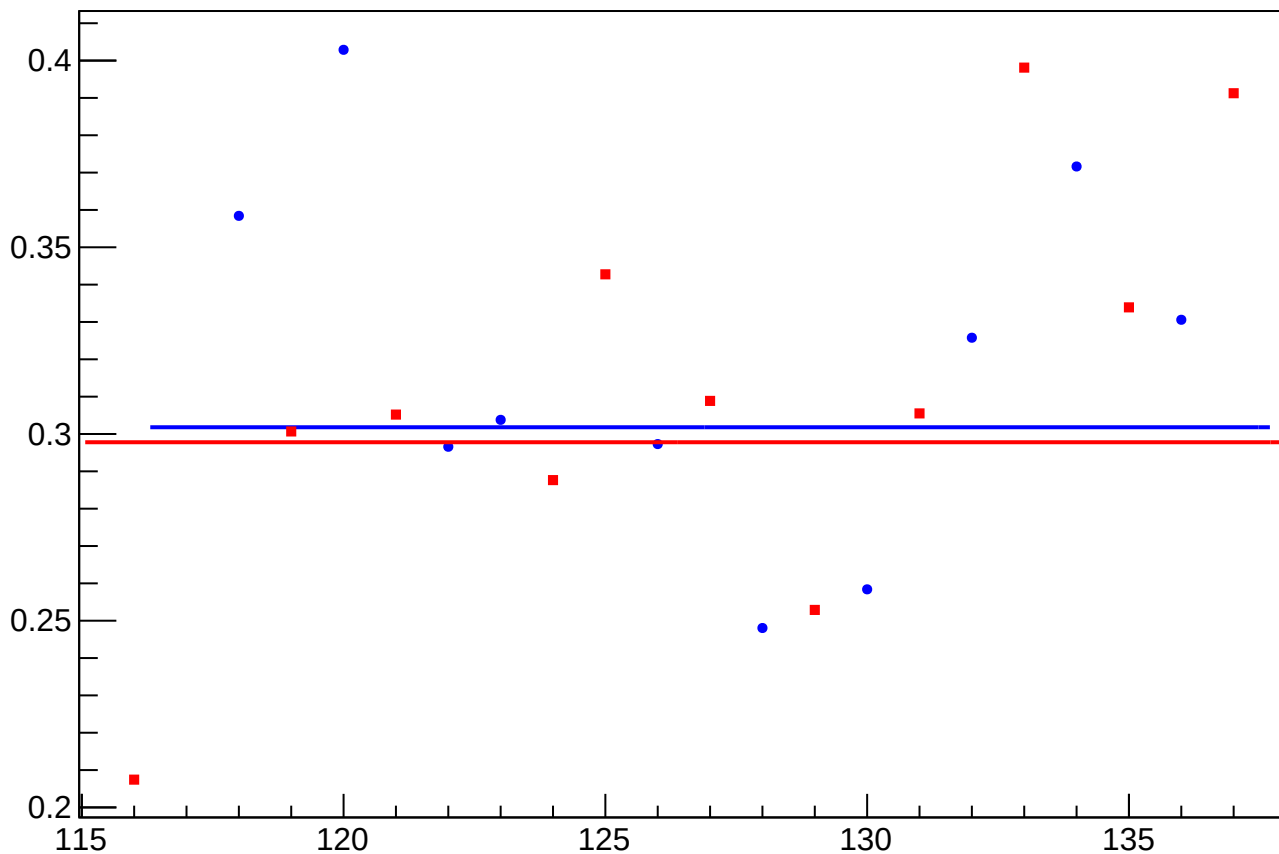
All: 0.300+/-0.000 χ^2/NDF : 352182.5/20

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 141.515 $\pm$ 0.000 χ^2 /NDF: 1267273440.3/9
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 141.006 $\pm$ 0.000 χ^2 /NDF: 3246506941.3/20
Right Out: 140.476 $\pm$ 0.000 χ^2 /NDF: 1957901653.3/10
In: 141.515 $\pm$ 0.000 χ^2 /NDF: 1267273440.3/9
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 141.006 $\pm$ 0.000 χ^2 /NDF: 3246506941.3

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.302+/-0.000 χ^2/NDF : 151053.0/9

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

Right Out: 0.298+/-0.000 χ^2/NDF : 203864.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

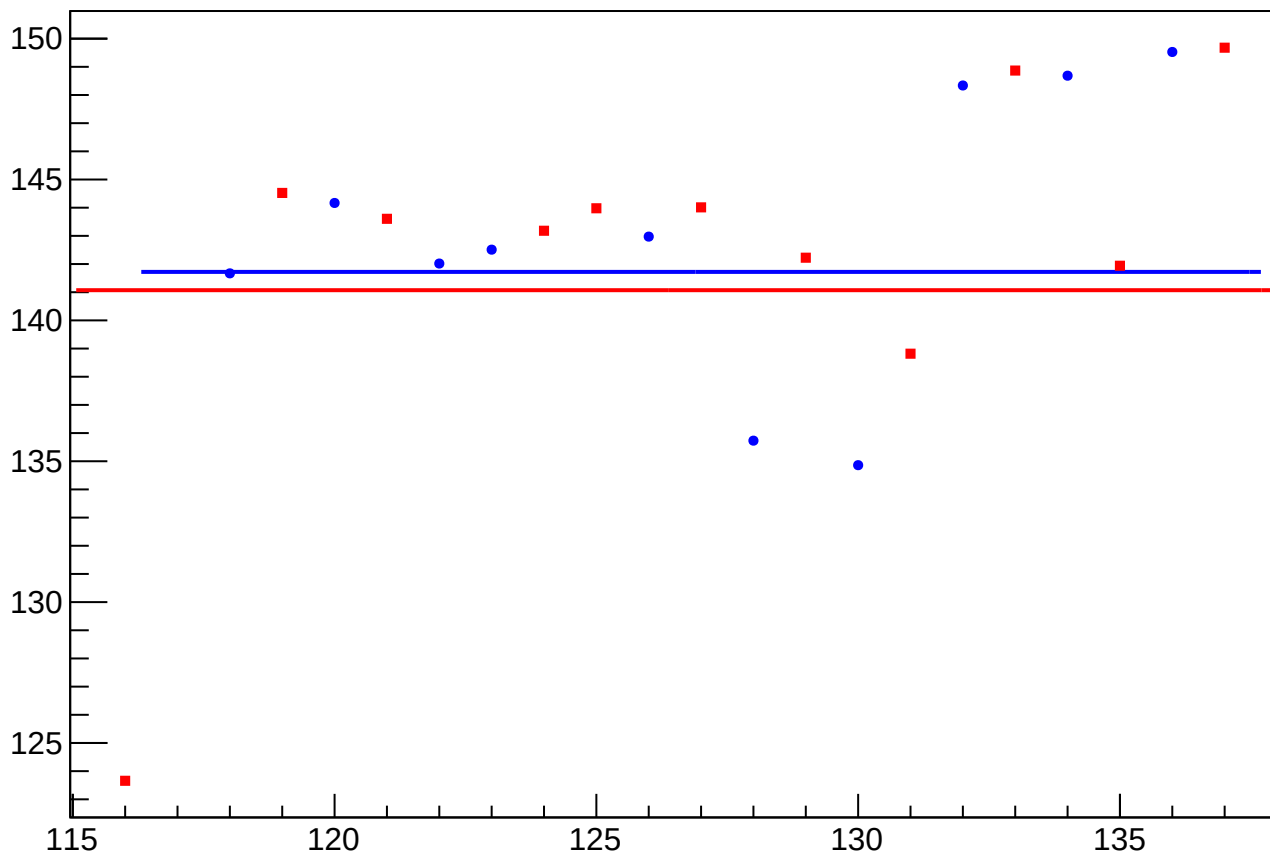
Right: 0.300+/-0.000 χ^2/NDF : 355555.4/20

In: 0.302+/-0.000 χ^2/NDF : 151053.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

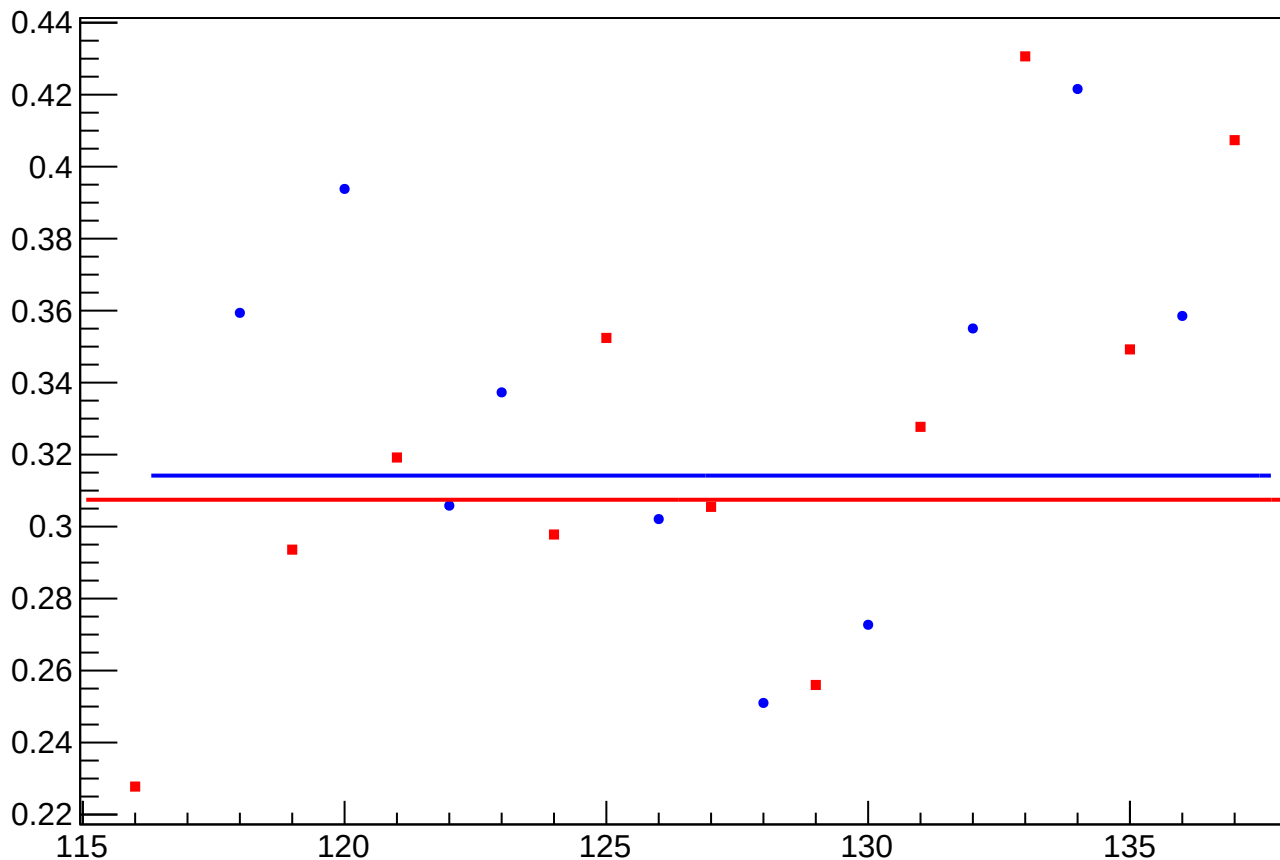
All: 0.300+/-0.000 χ^2/NDF : 355555.4/20

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 141.721+/-0.000 χ^2/NDF : 1137617024.1/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 141.072+/-0.000 χ^2/NDF : 1708103401.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 141.400+/-0.000 χ^2/NDF : 2853426829.3/20

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 173675.2/9

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

Right Out: 0.307+/-0.000 χ^2/NDF : 200276.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

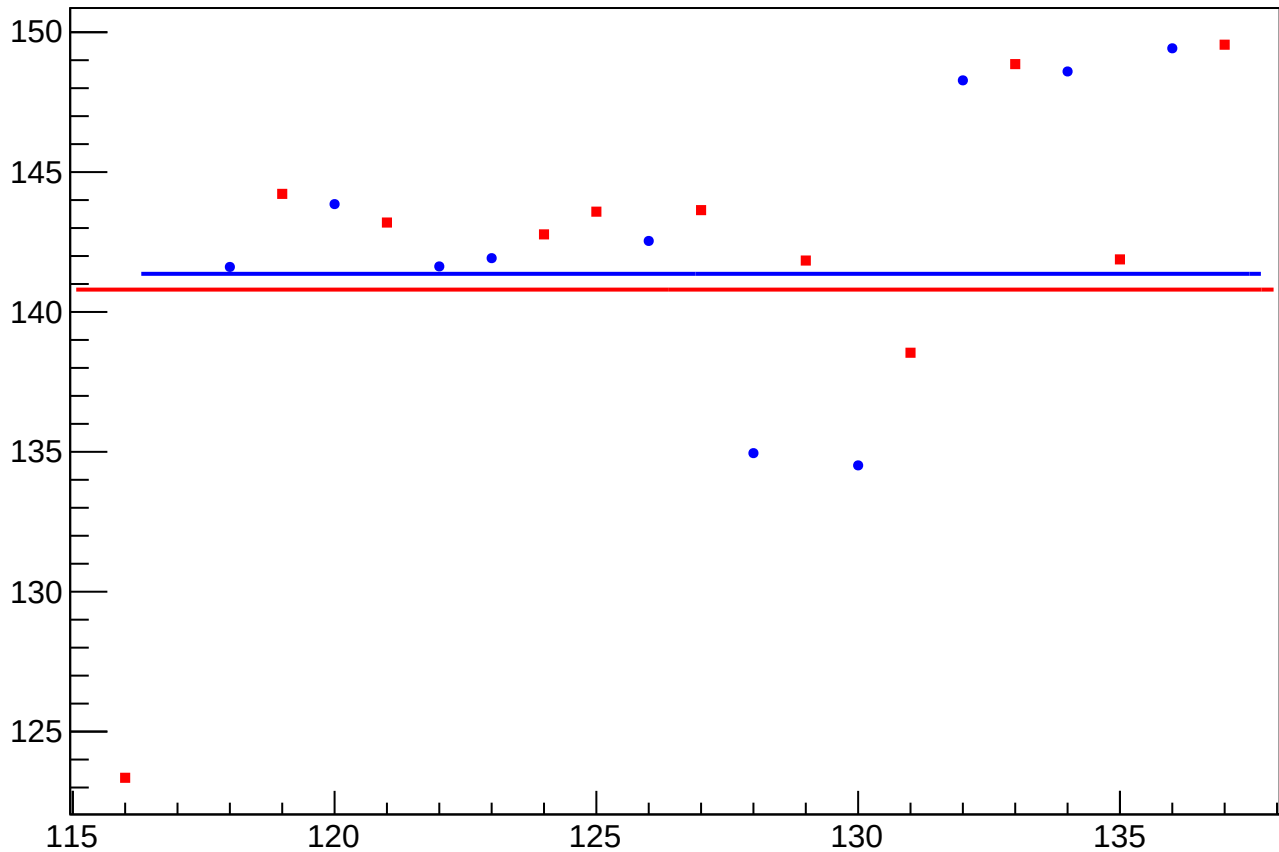
Right: 0.311+/-0.000 χ^2/NDF : 375595.9/20

In: 0.314+/-0.000 χ^2/NDF : 173675.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.311+/-0.000 χ^2/NDF : 375595.9/20

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 141.364+/-0.000 χ^2/NDF : 1177332398.8/9

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

Right Out: 140.799+/-0.000 χ^2/NDF : 1667873321.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

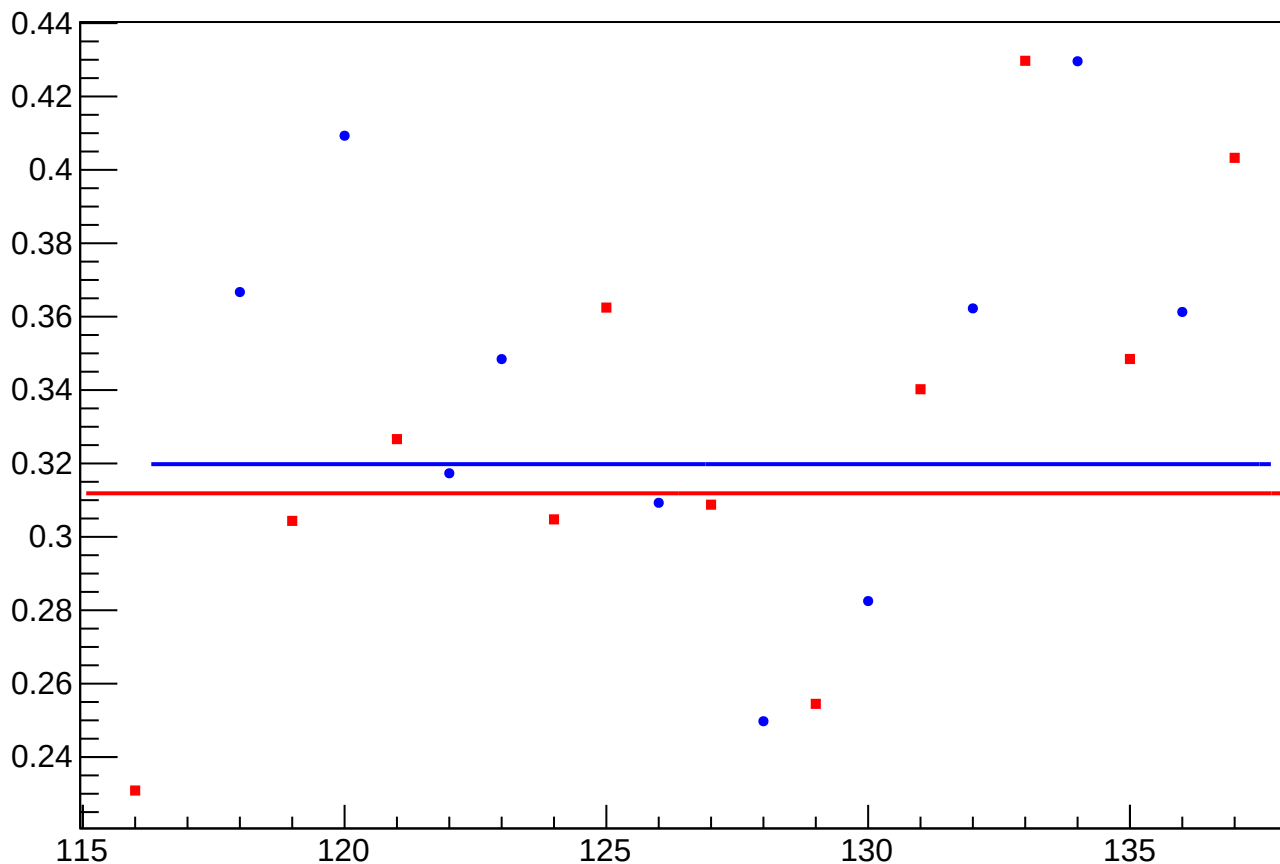
Right: 141.084+/-0.000 χ^2/NDF : 2850815768.4/20

In: 141.364+/-0.000 χ^2/NDF :1177332398.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 141.084+/-0.000 χ^2/NDF : 2850815768.4

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.320+/-0.000 χ^2/NDF : 181873.5/9

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

Right Out: 0.312+/-0.000 χ^2/NDF : 198222.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

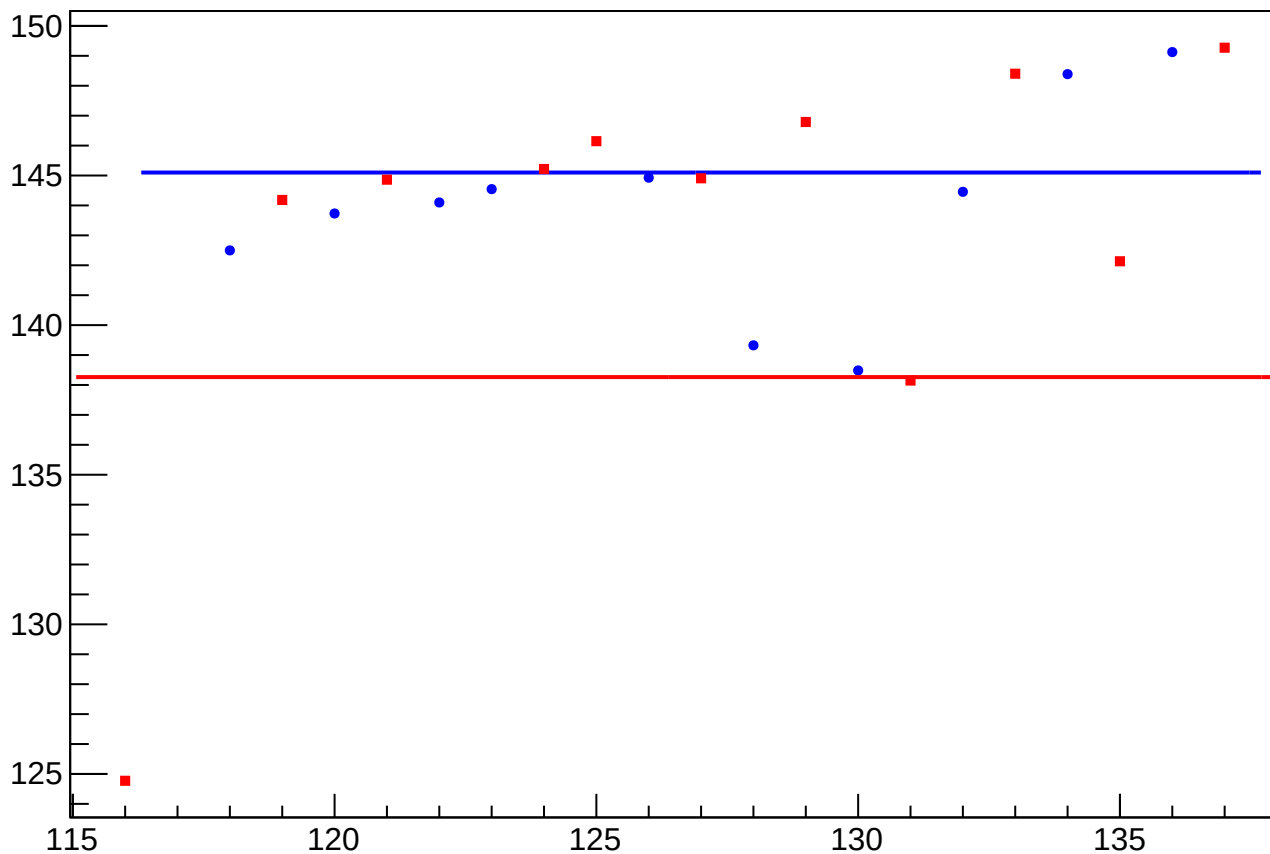
Right: 0.316+/-0.000 χ^2/NDF : 382320.2/20

In: 0.320+/-0.000 χ^2/NDF : 181873.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.316+/-0.000 χ^2/NDF : 382320.2/20

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 145.100+/-0.000 χ^2/NDF : 161115268.0/9

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

Right Out: 138.263+/-0.000 χ^2/NDF : 1022530798.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

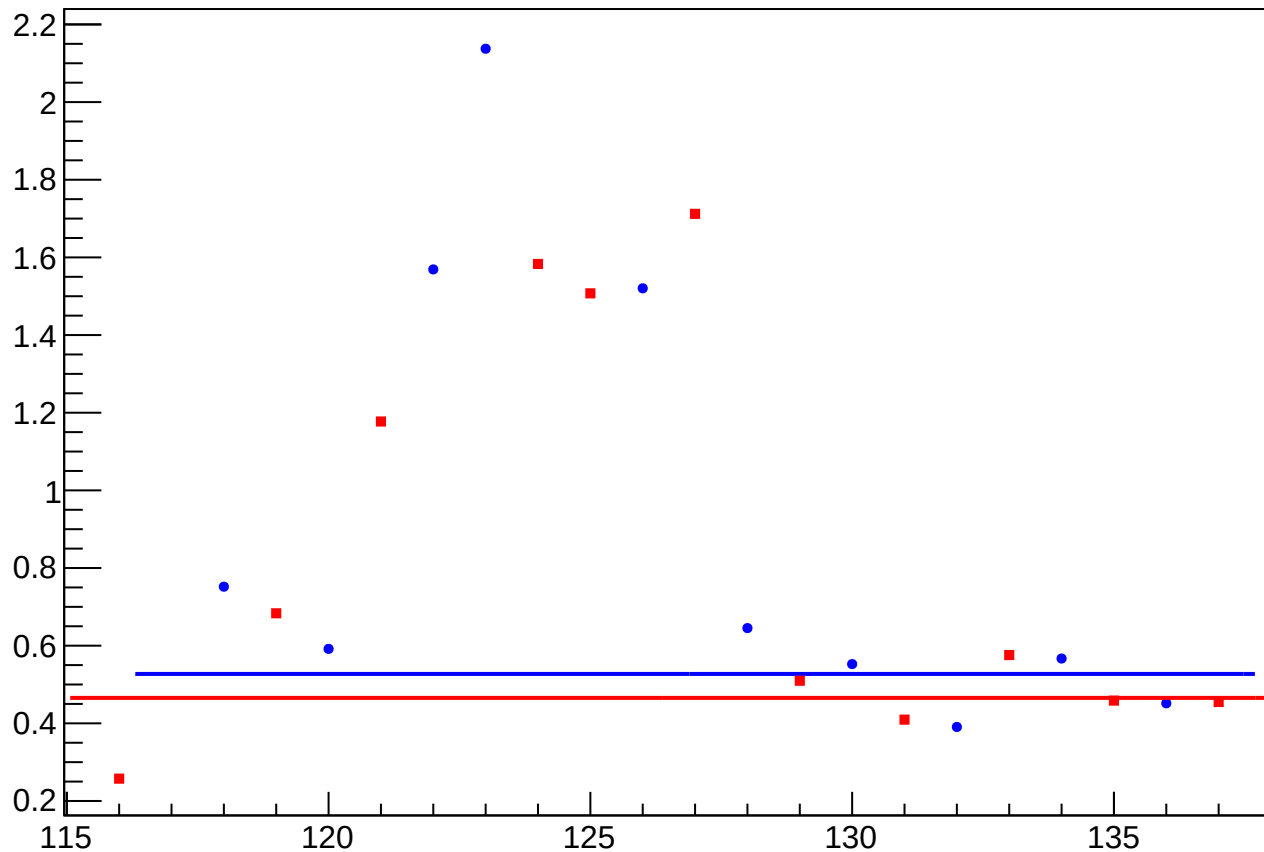
Right: 141.469+/-0.000 χ^2/NDF : 1445881892.6/20

In: 145.100+/-0.000 χ^2/NDF : 161115268.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.469+/-0.000 χ^2/NDF : 1445881892.6

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.527 $\pm$ 0.000 χ^2 /NDF: 868361.0/9

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

Right Out: 0.466 $\pm$ 0.000 χ^2 /NDF: 1455160.9/10

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

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

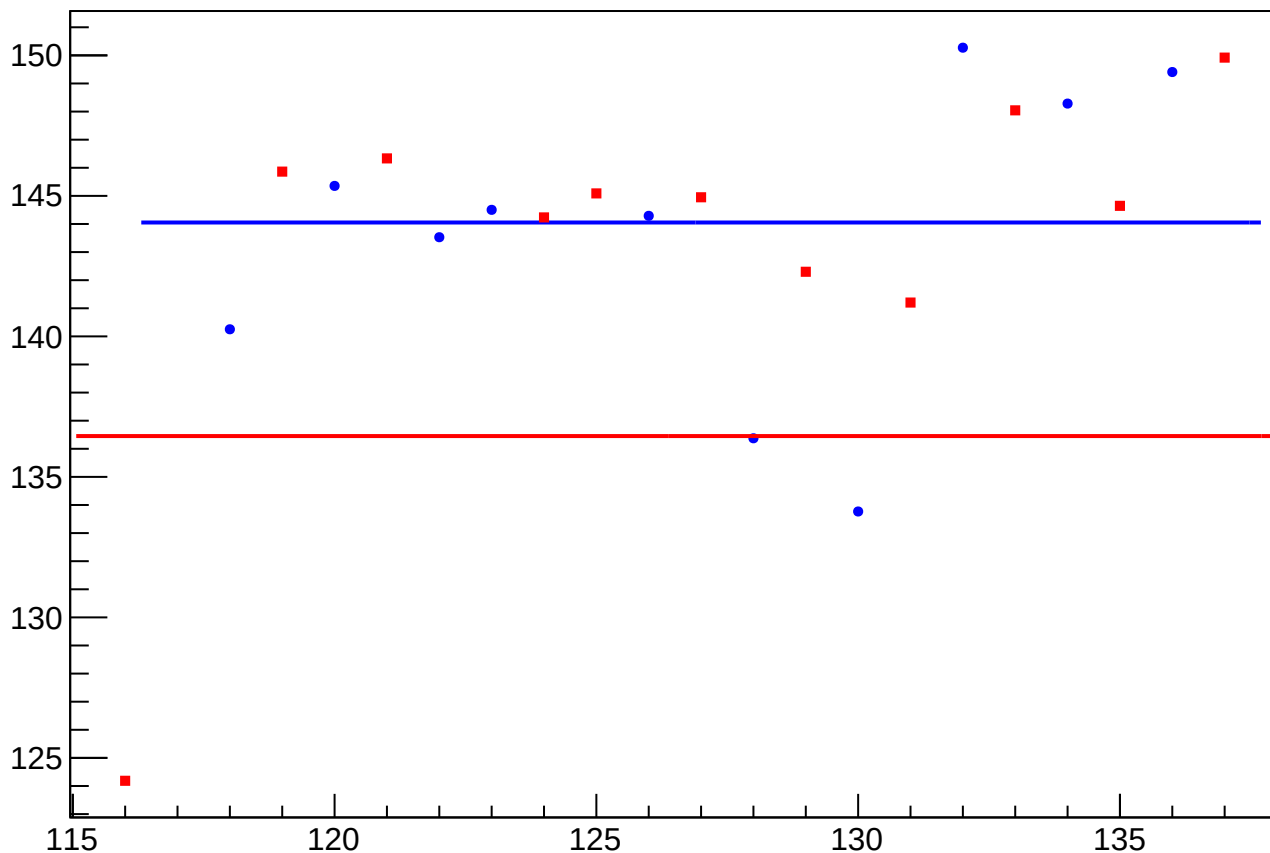
Right: 0.494 $\pm$ 0.000 χ^2 /NDF: 2366207.7/20

In: 0.527 $\pm$ 0.000 χ^2 /NDF:868361.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

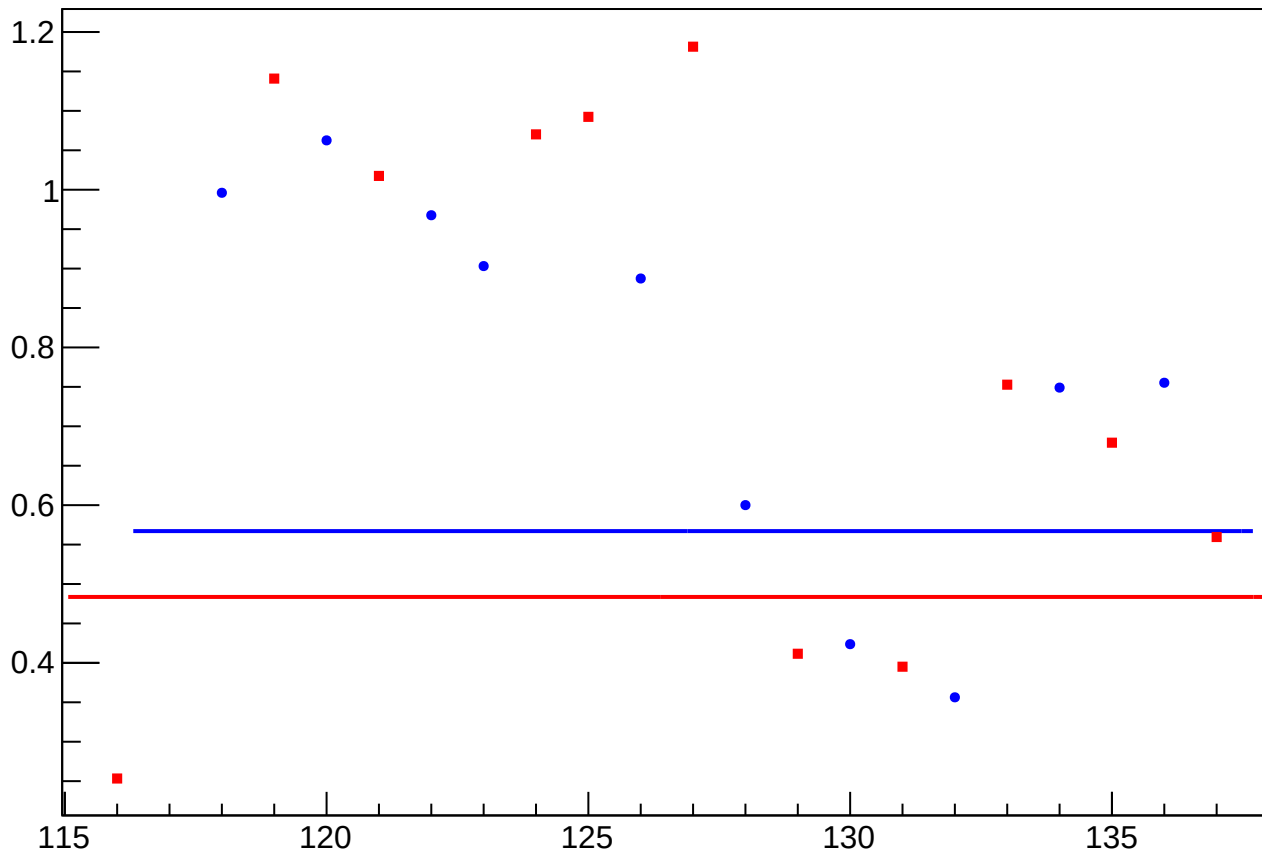
All: 0.494 $\pm$ 0.000 χ^2 /NDF: 2366207.7/20

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 144.053 $\pm$ 0.000 χ^2 /NDF: 357351910.5/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 136.453 $\pm$ 0.000 χ^2 /NDF: 922003581.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 139.854 $\pm$ 0.000 χ^2 /NDF: 1529470086.9/20
 In: 144.053 $\pm$ 0.000 χ^2 /NDF:357351910.5/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 139.854 $\pm$ 0.000 χ^2 /NDF: 1529470086.9

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.567+/-0.000 χ^2/NDF : 851916.5/9

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

Right Out: 0.484+/-0.000 χ^2/NDF : 1579909.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

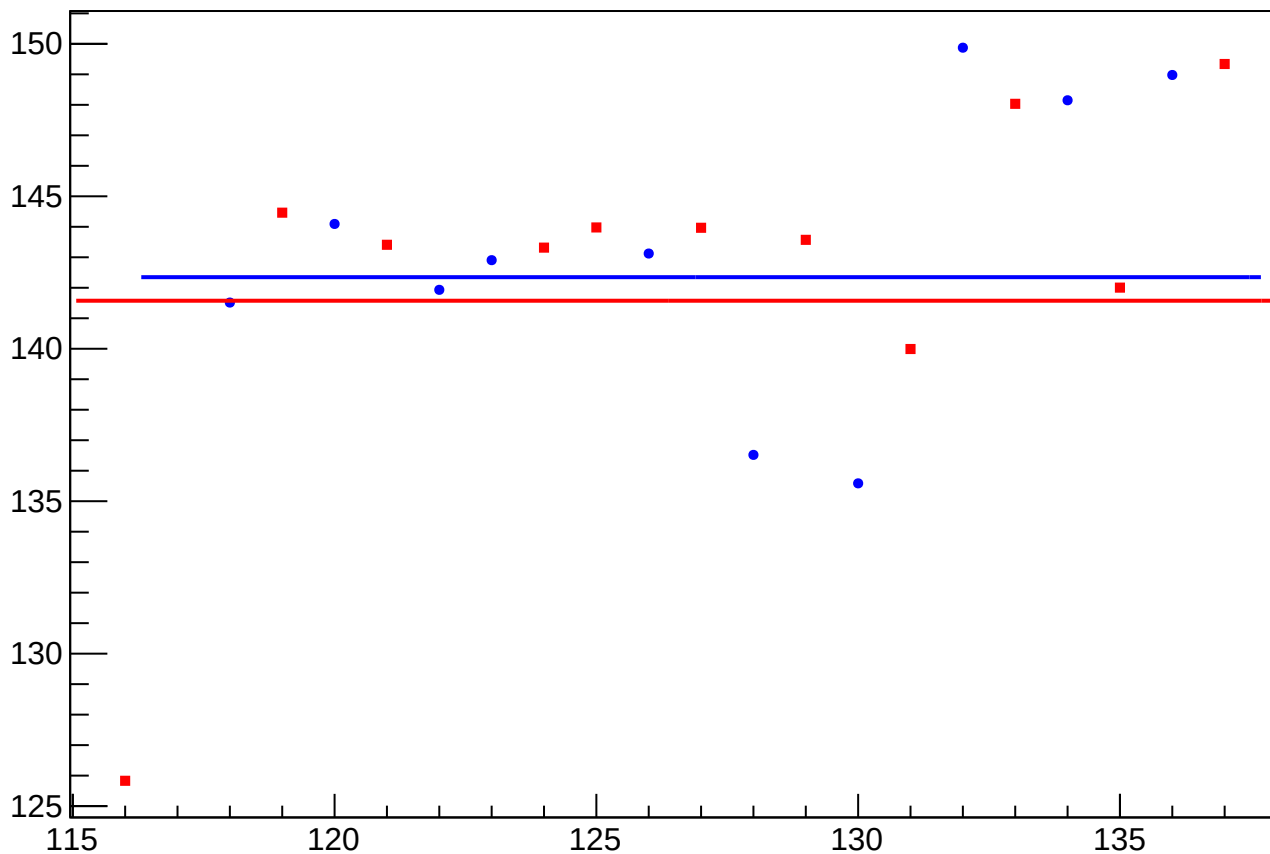
Right: 0.521+/-0.000 χ^2/NDF : 2492193.8/20

In: 0.567+/-0.000 χ^2/NDF : 851916.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

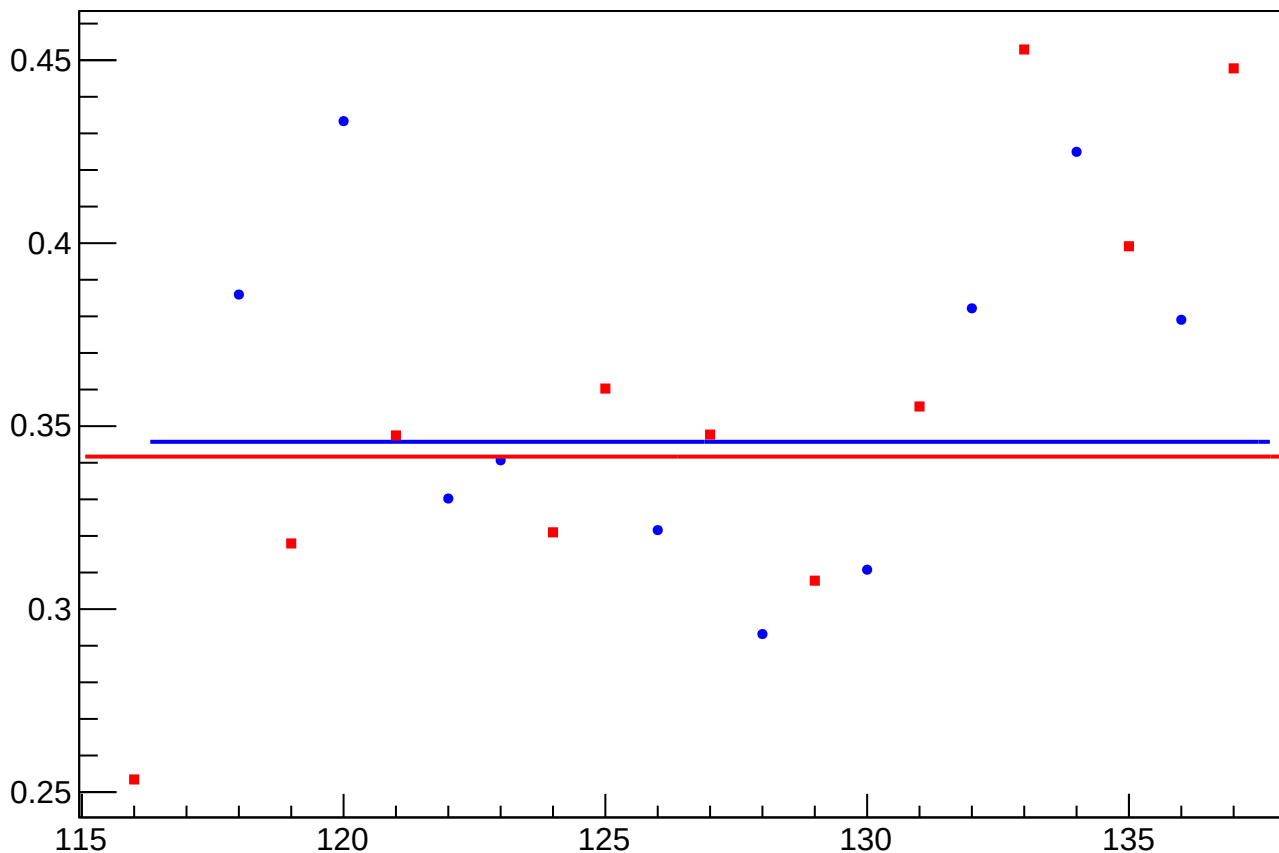
All: 0.521+/-0.000 χ^2/NDF : 2492193.8/20

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 142.348 $\pm$ 0.000 χ^2 /NDF: 858097398.3/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 141.575 $\pm$ 0.000 χ^2 /NDF: 1167596127.3/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141.969 $\pm$ 0.000 χ^2 /NDF: 2034892896.9/20
 In: 142.348 $\pm$ 0.000 χ^2 /NDF:858097398.3/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 141.969 $\pm$ 0.000 χ^2 /NDF: 2034892896.9

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.346+/-0.000 χ^2/NDF : 110744.3/9

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

Right Out: 0.342+/-0.000 χ^2/NDF : 166029.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

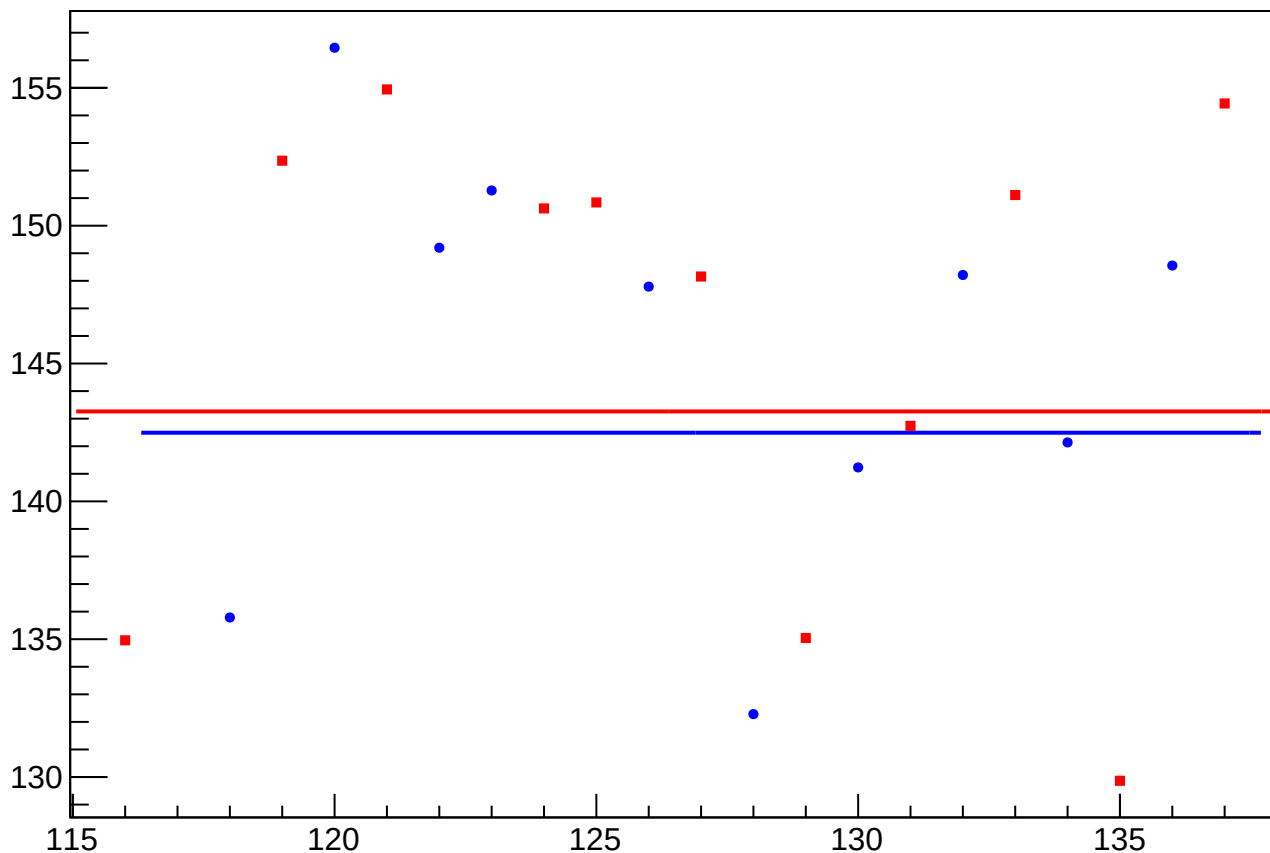
Right: 0.344+/-0.000 χ^2/NDF : 277278.0/20

In: 0.346+/-0.000 χ^2/NDF : 110744.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.344+/-0.000 χ^2/NDF : 277278.0/20

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 142.490+/-0.000 χ^2/NDF : 218751346.1/9

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

Right Out: 143.262+/-0.001 χ^2/NDF : 294497071.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

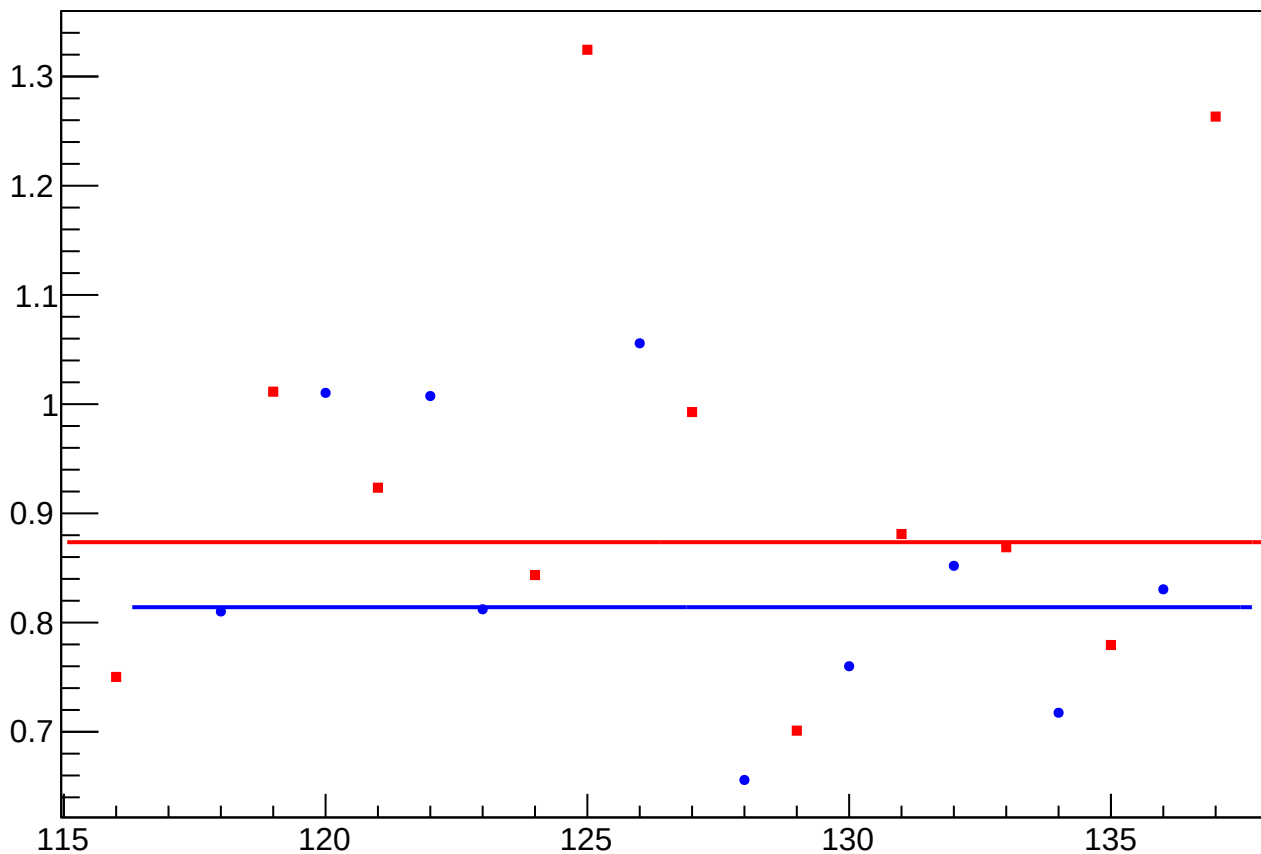
Right: 142.852+/-0.000 χ^2/NDF : 514402189.1/20

In: 142.490+/-0.000 χ^2/NDF : 218751346.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.852+/-0.000 χ^2/NDF : 514402189.1/20

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.814+/-0.000 χ^2/NDF : 119973.8/9

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

Right Out: 0.874+/-0.000 χ^2/NDF : 160257.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

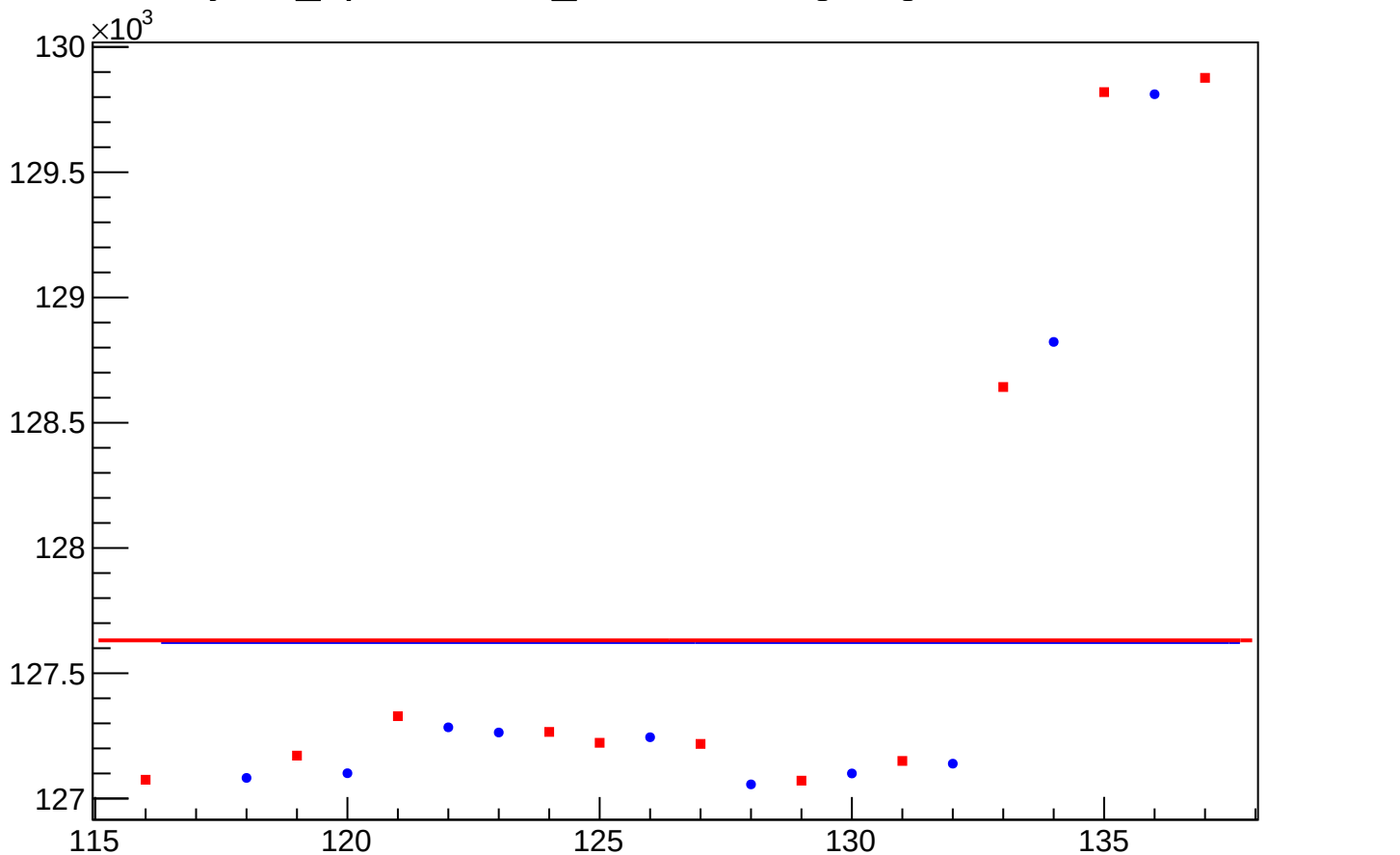
Right: 0.842+/-0.000 χ^2/NDF : 293950.3/20

In: 0.814+/-0.000 χ^2/NDF : 119973.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

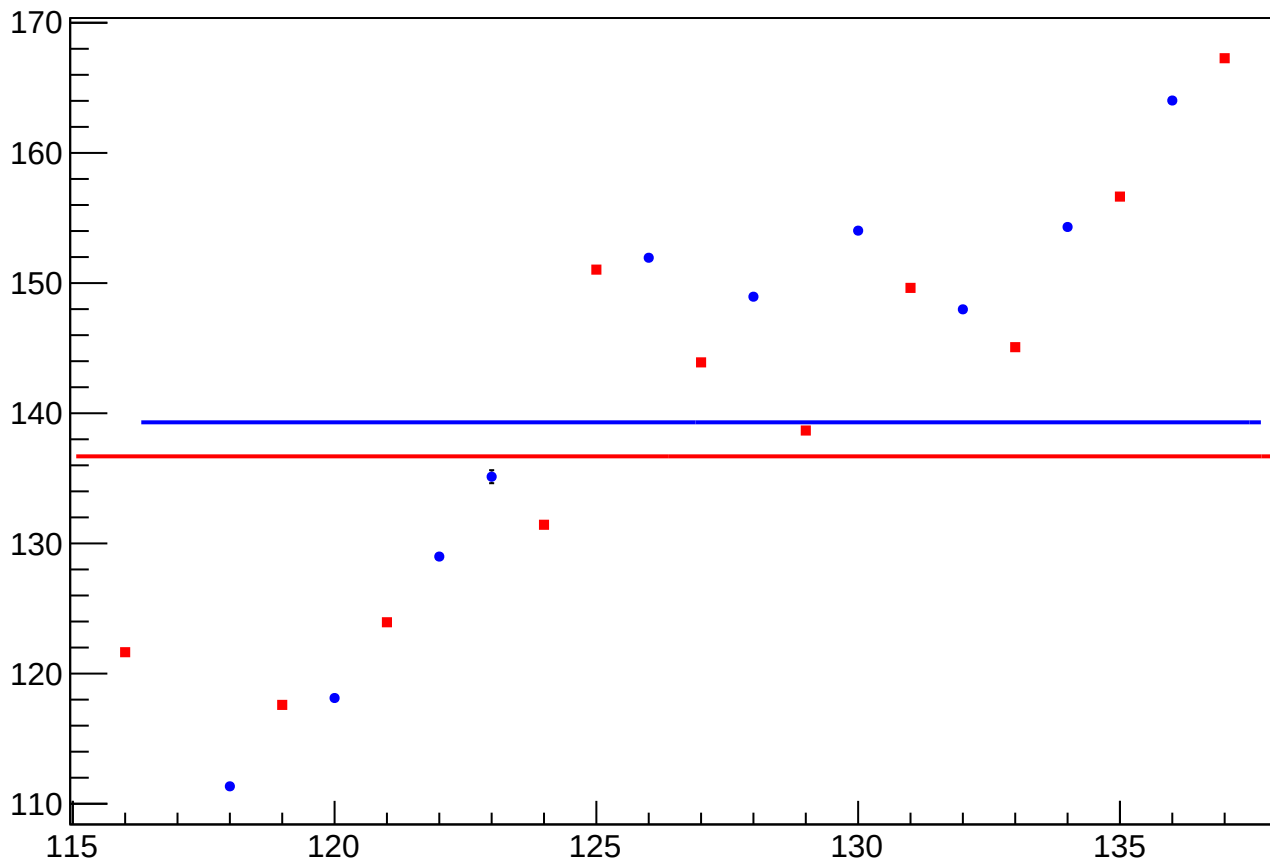
All: 0.842+/-0.000 χ^2/NDF : 293950.3/20

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 127624.520 $\pm$ 0.071 χ^2 /NDF: 197020760.7/9
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127627.971 $\pm$ 0.050 χ^2 /NDF: 360425577.3/2
 In: 127624.520 $\pm$ 0.071 χ^2 /NDF: 197020760.7/9
 Right Out: 127631.355 $\pm$ 0.071 χ^2 /NDF: 163400164.5/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127627.971 $\pm$ 0.050 χ^2 /NDF: 360425577.3/2

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 139.303+/-0.050 χ^2/NDF : 144294.2/9

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

Right Out: 136.690+/-0.050 χ^2/NDF : 84228.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

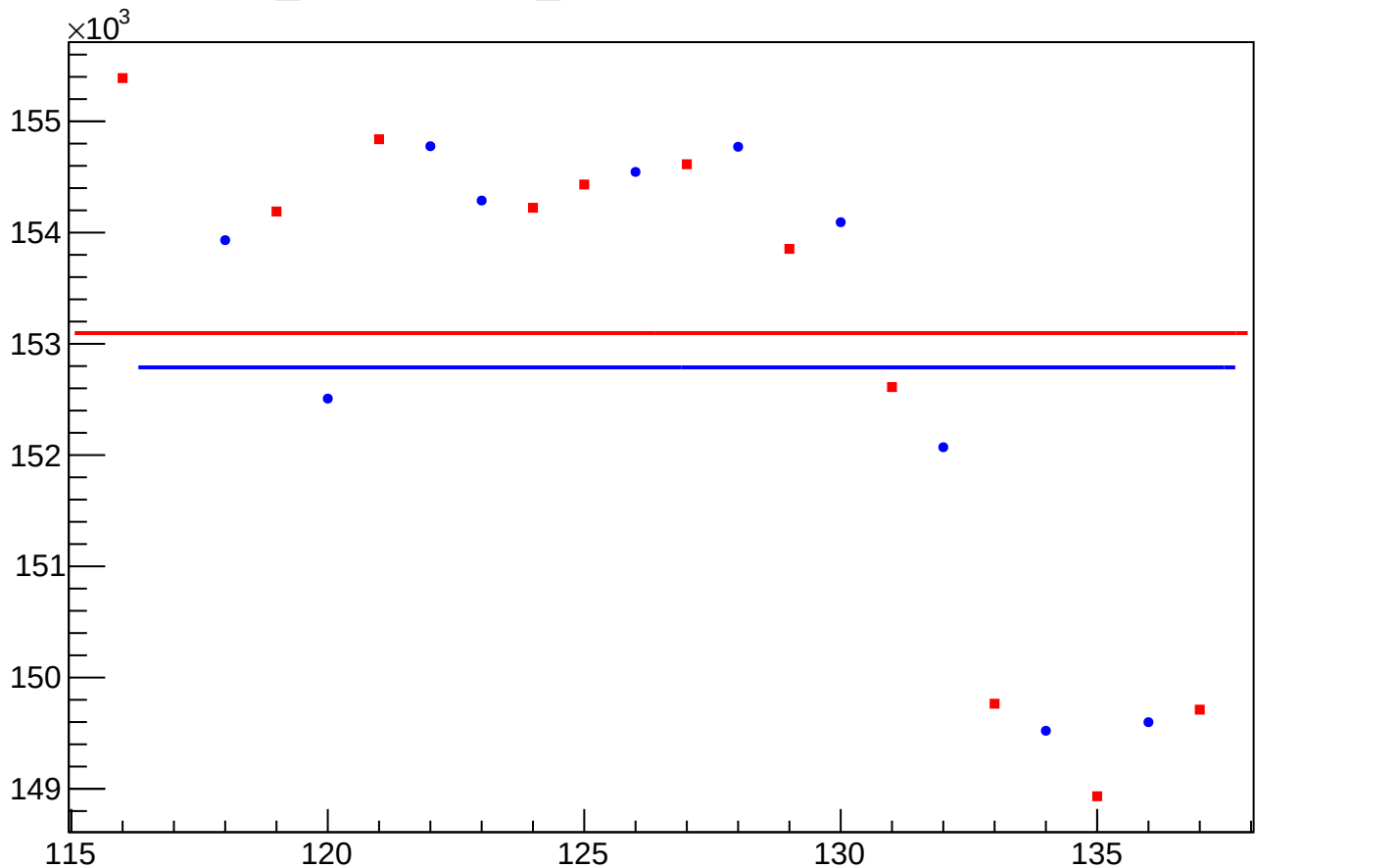
Right: 137.984+/-0.035 χ^2/NDF : 229883.2/20

In: 139.303+/-0.050 χ^2/NDF : 144294.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.984+/-0.035 χ^2/NDF : 229883.2/20

yield_bpm0i07WS_mean vs Slug, Sign Corrected



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

Right: 152948.998 $\pm$ -0.062 χ^2/NDF : 1184306039.7/10

Right In: 152788.520 $\pm$ -0.089 χ^2/NDF : 551474034.0/9

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

Right Out: 153096.729 $\pm$ -0.086 χ^2/NDF : 626653364.4/10

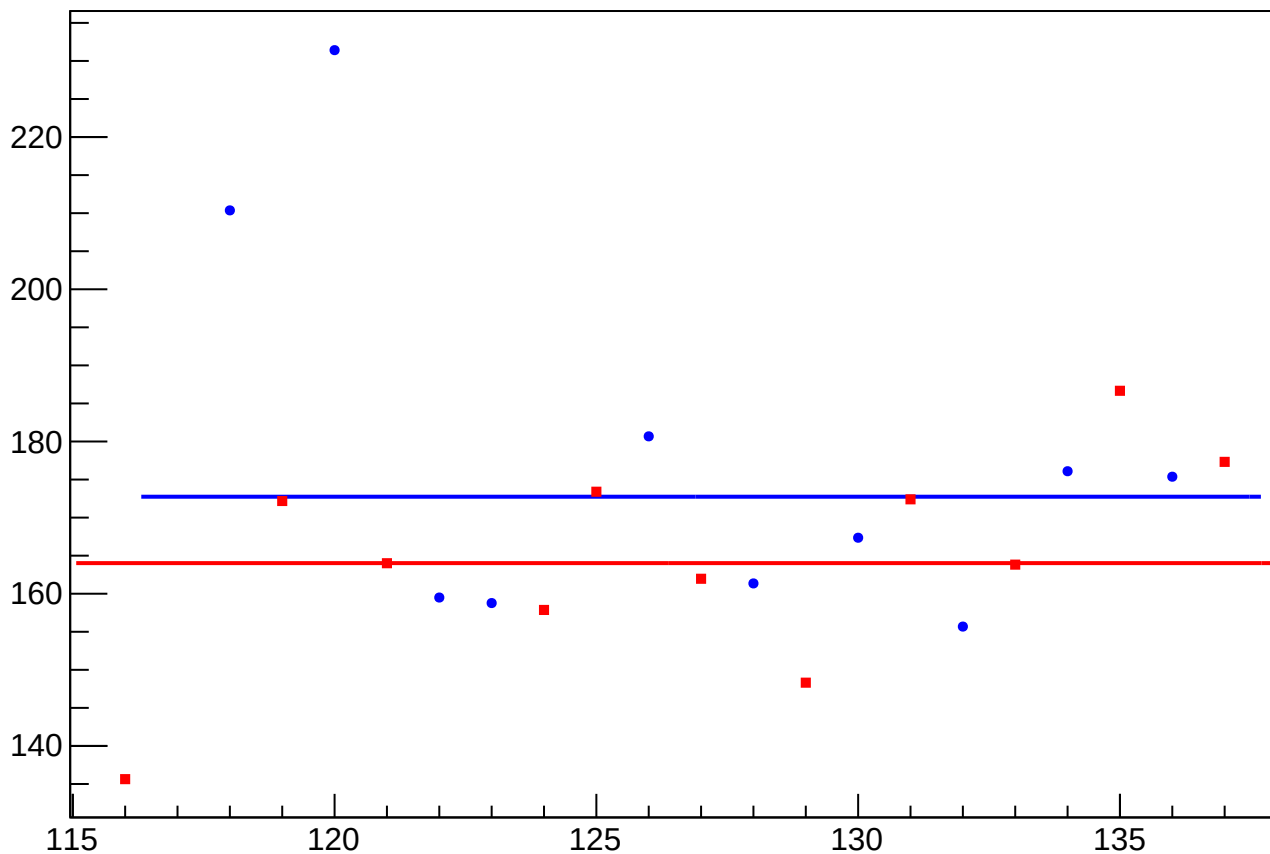
In: 152788.520 $\pm$ -0.089 χ^2/NDF : 551474034.0/9

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

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

All: 152948.998 $\pm$ -0.062 χ^2/NDF : 1184306039.7/10

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 172.746+/-0.063 χ^2/NDF : 80155.5/9

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

Right Out: 164.021+/-0.061 χ^2/NDF : 45397.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

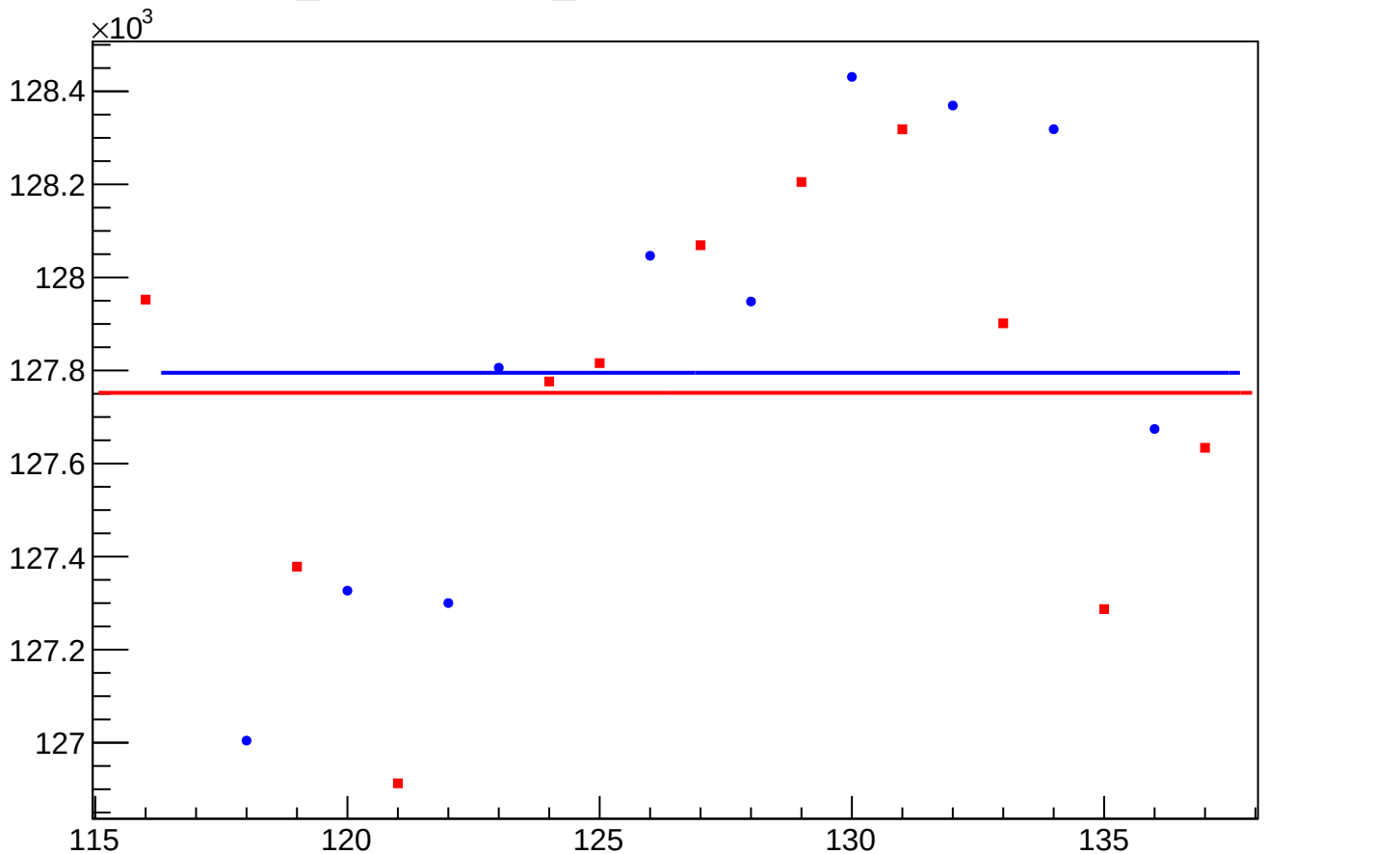
Right: 168.203+/-0.044 χ^2/NDF : 135455.6/20

In: 172.746+/-0.063 χ^2/NDF : 80155.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.203+/-0.044 χ^2/NDF : 135455.6/20

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127795.096 $\pm$ 0.072 χ^2 /NDF: 43413812.5/9

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

Right Out: 127752.046 $\pm$ 0.070 χ^2 /NDF: 36933001.6/10

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

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

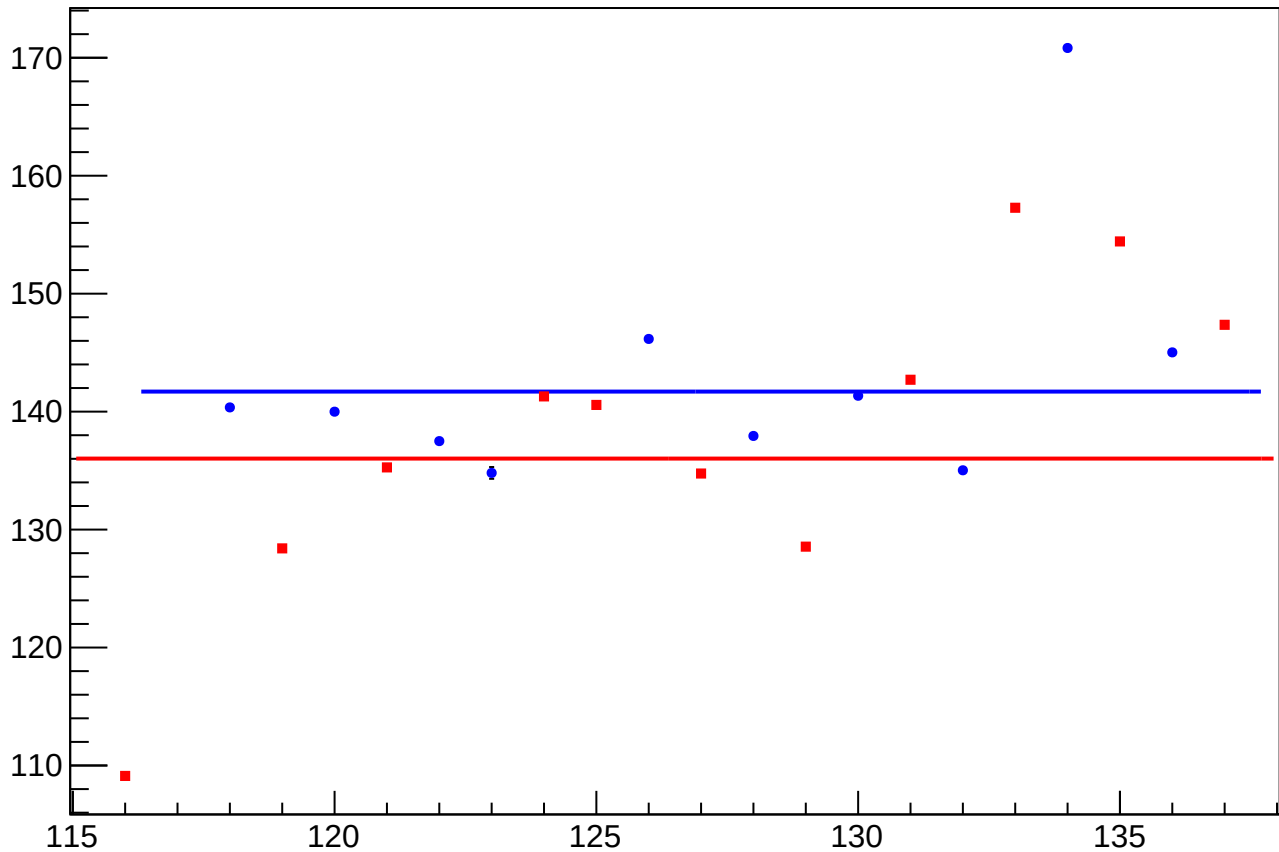
Right: 127773.017 $\pm$ 0.050 χ^2 /NDF: 80528868.2/20

In: 127795.096 $\pm$ 0.072 χ^2 /NDF:43413812.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127773.017 $\pm$ 0.050 χ^2 /NDF: 80528868.2/20

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 141.699 $\pm$ 0.051 χ^2 /NDF: 16154.7/9

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

Right Out: 136.020 $\pm$ 0.050 χ^2 /NDF: 66191.5/10

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

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

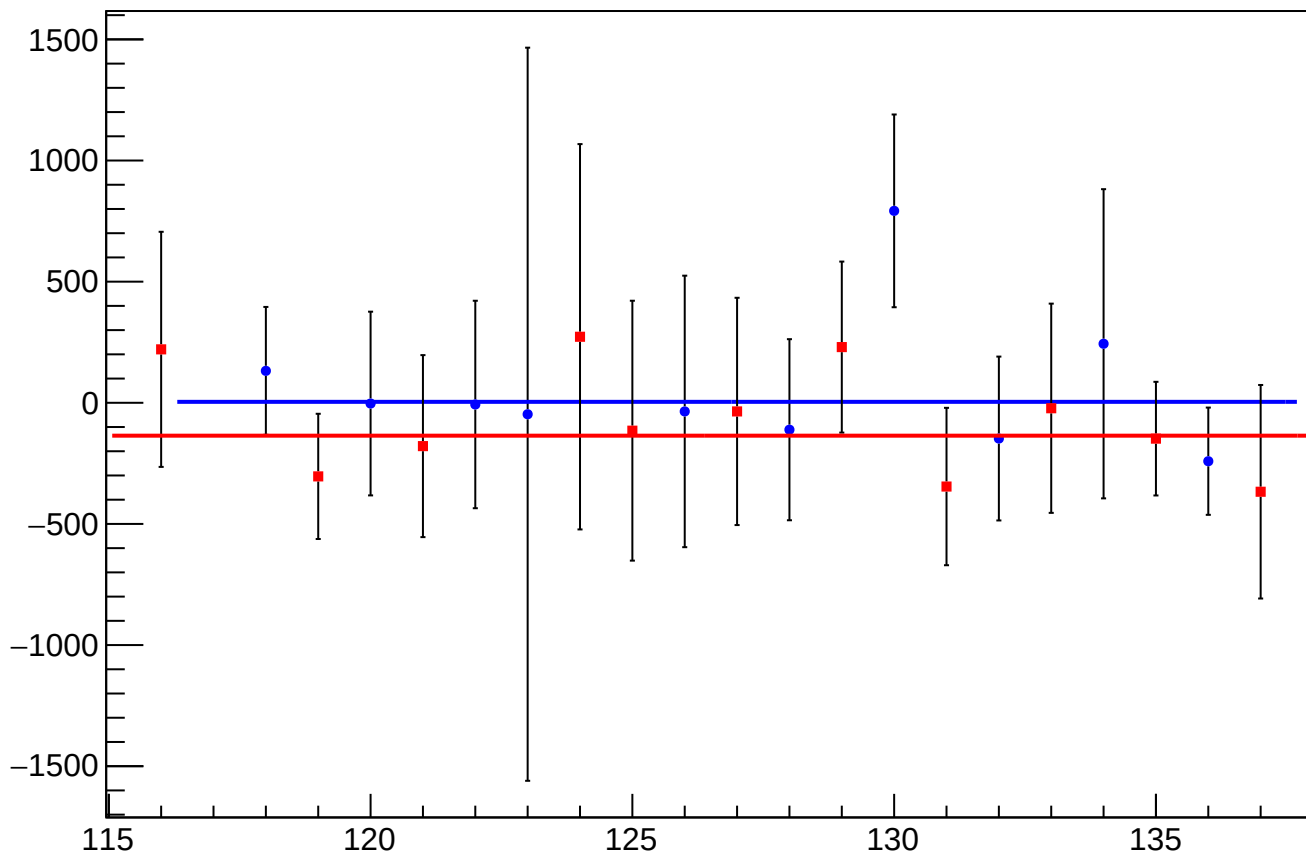
Right: 138.786 $\pm$ 0.036 χ^2 /NDF: 88684.2/20

In: 141.699 $\pm$ 0.051 χ^2 /NDF:16154.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.786 $\pm$ 0.036 χ^2 /NDF: 88684.2/20

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 3.937+/-115.101 χ^2/NDF : 5.8/9

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

Right Out: -135.705+/-110.361 χ^2/NDF : 3.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

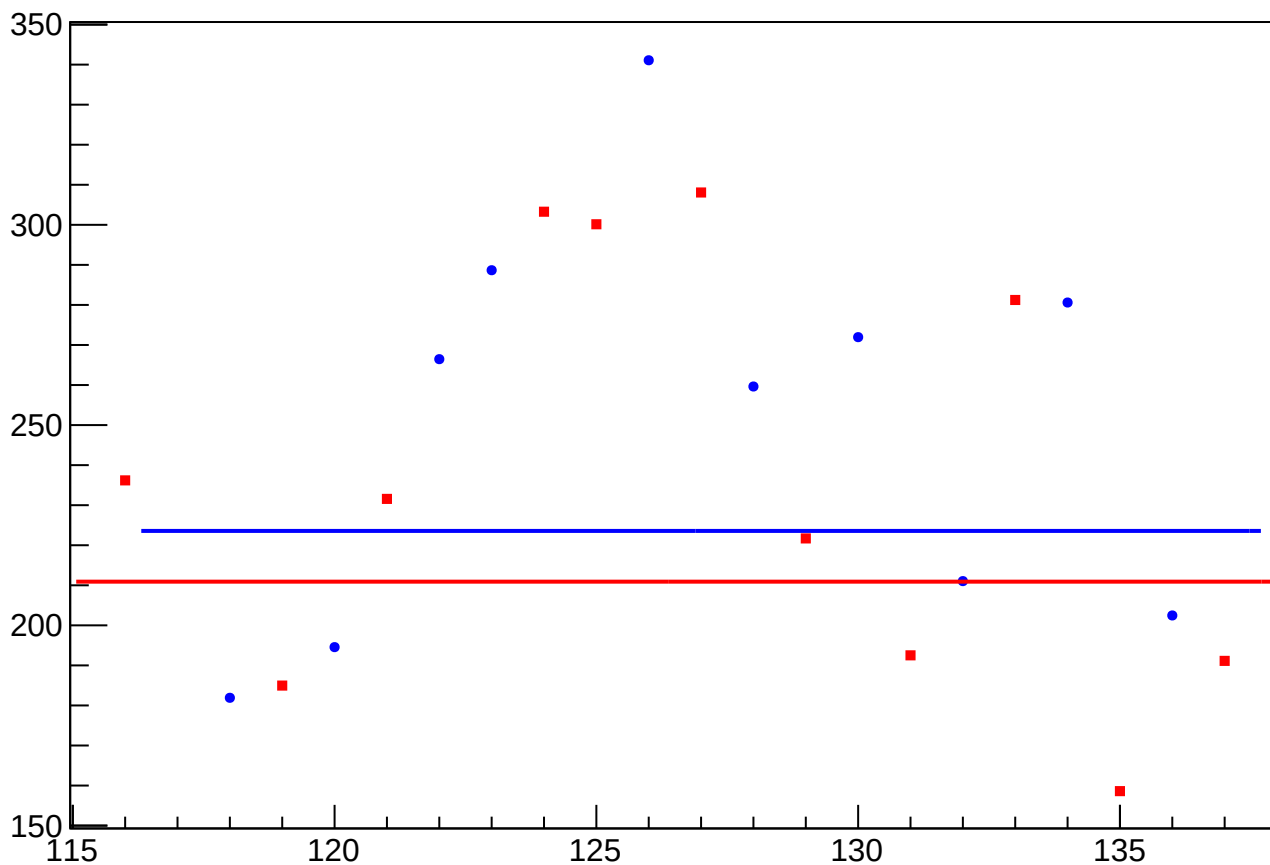
Right: -68.819+/-79.660 χ^2/NDF : 9.7/20

In: 3.937+/-115.101 χ^2/NDF :5.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.819+/-79.660 χ^2/NDF : 9.7/20

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 223.576+/-0.081 χ^2/NDF : 258400.7/9

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

Right Out: 210.908+/-0.078 χ^2/NDF : 364618.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

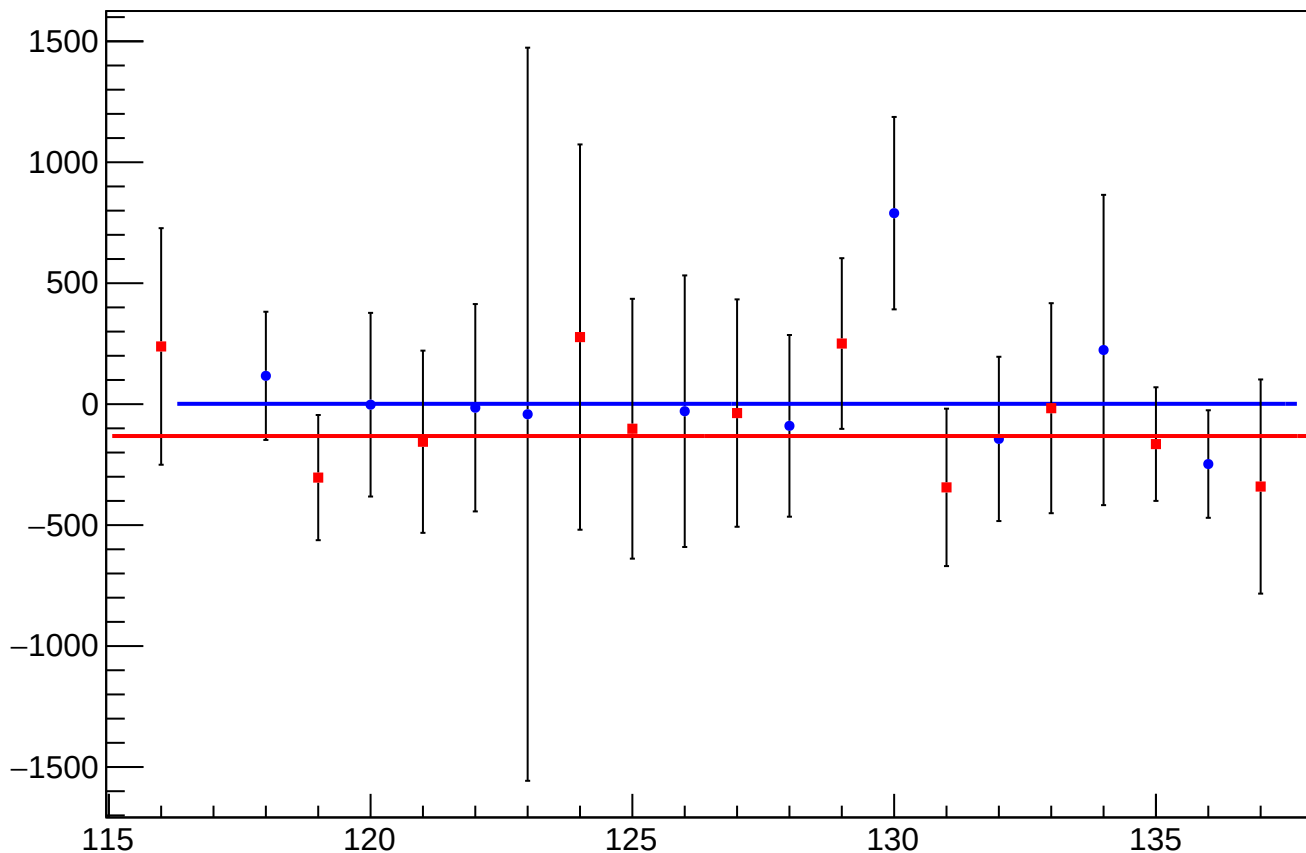
Right: 216.976+/-0.056 χ^2/NDF : 635640.0/20

In: 223.576+/-0.081 χ^2/NDF : 258400.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.976+/-0.056 χ^2/NDF : 635640.0/20

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 1.415+/-115.482 χ^2/NDF : 5.7/9

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

Right Out: -131.705+/-110.597 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

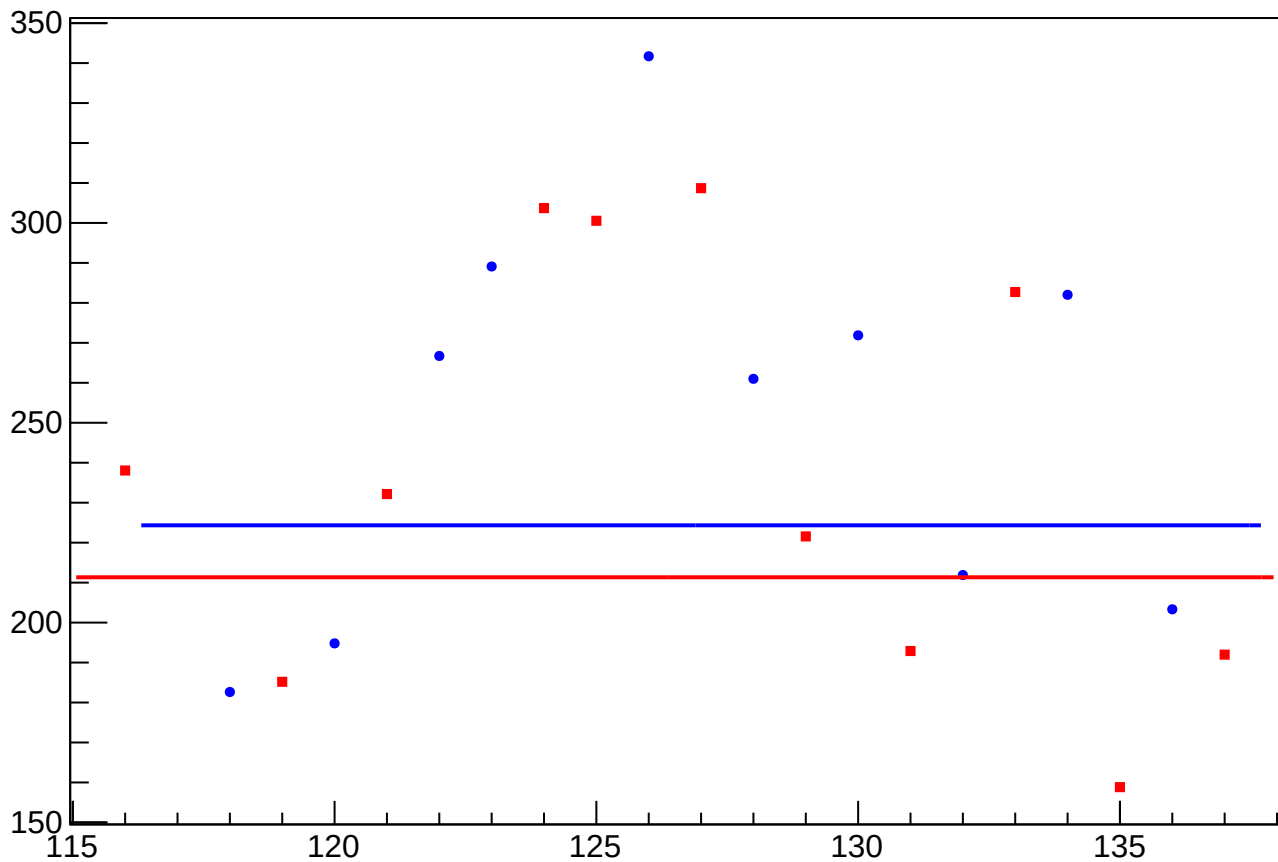
Right: -68.020+/-79.875 χ^2/NDF : 9.7/20

In: 1.415+/-115.482 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.020+/-79.875 χ^2/NDF : 9.7/20

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 224.339 ± 0.082 χ^2/NDF : 256650.5/9

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

Right Out: 211.334 ± 0.078 χ^2/NDF : 366388.5/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

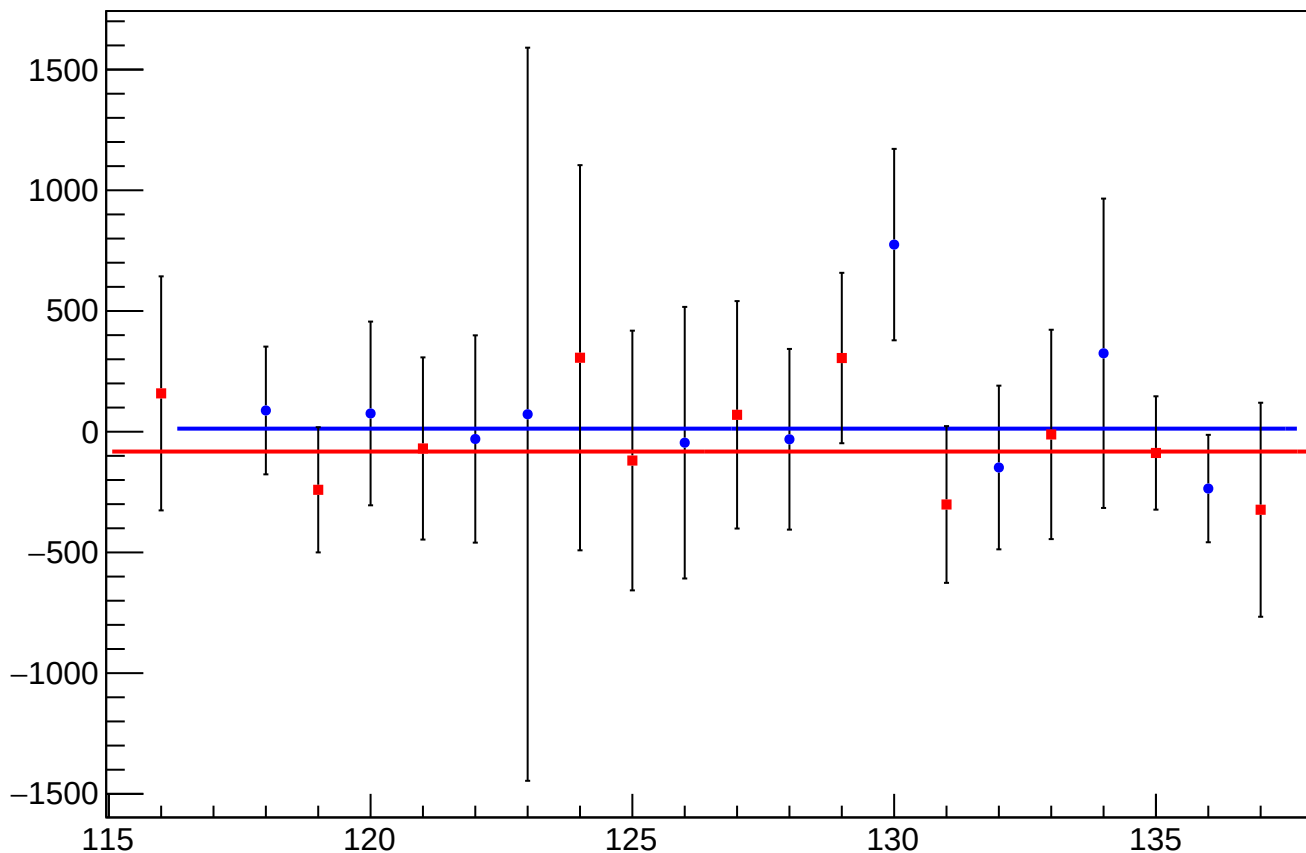
Right: 217.556 ± 0.056 χ^2/NDF : 636268.1/20

In: 224.339 ± 0.082 χ^2/NDF : 256650.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 217.556 ± 0.056 χ^2/NDF : 636268.1/20

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 12.739+/-115.422 χ^2/NDF : 5.5/9

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

Right Out: -82.164+/-110.593 χ^2/NDF : 3.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

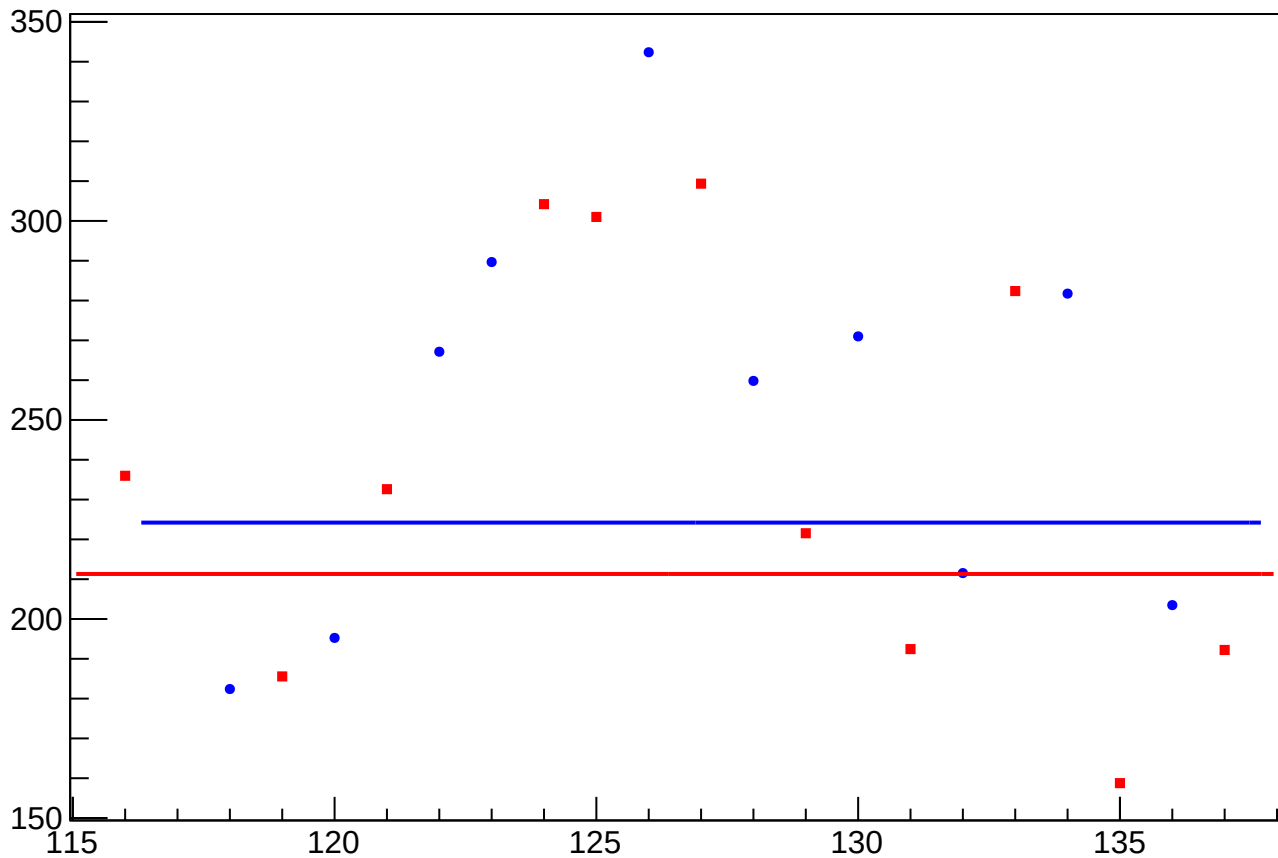
Right: -36.740+/-79.854 χ^2/NDF : 8.9/20

In: 12.739+/-115.422 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.740+/-79.854 χ^2/NDF : 8.9/20

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 224.217+/-0.082 χ^2/NDF : 255752.8/9

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

Right Out: 211.316+/-0.078 χ^2/NDF : 366749.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

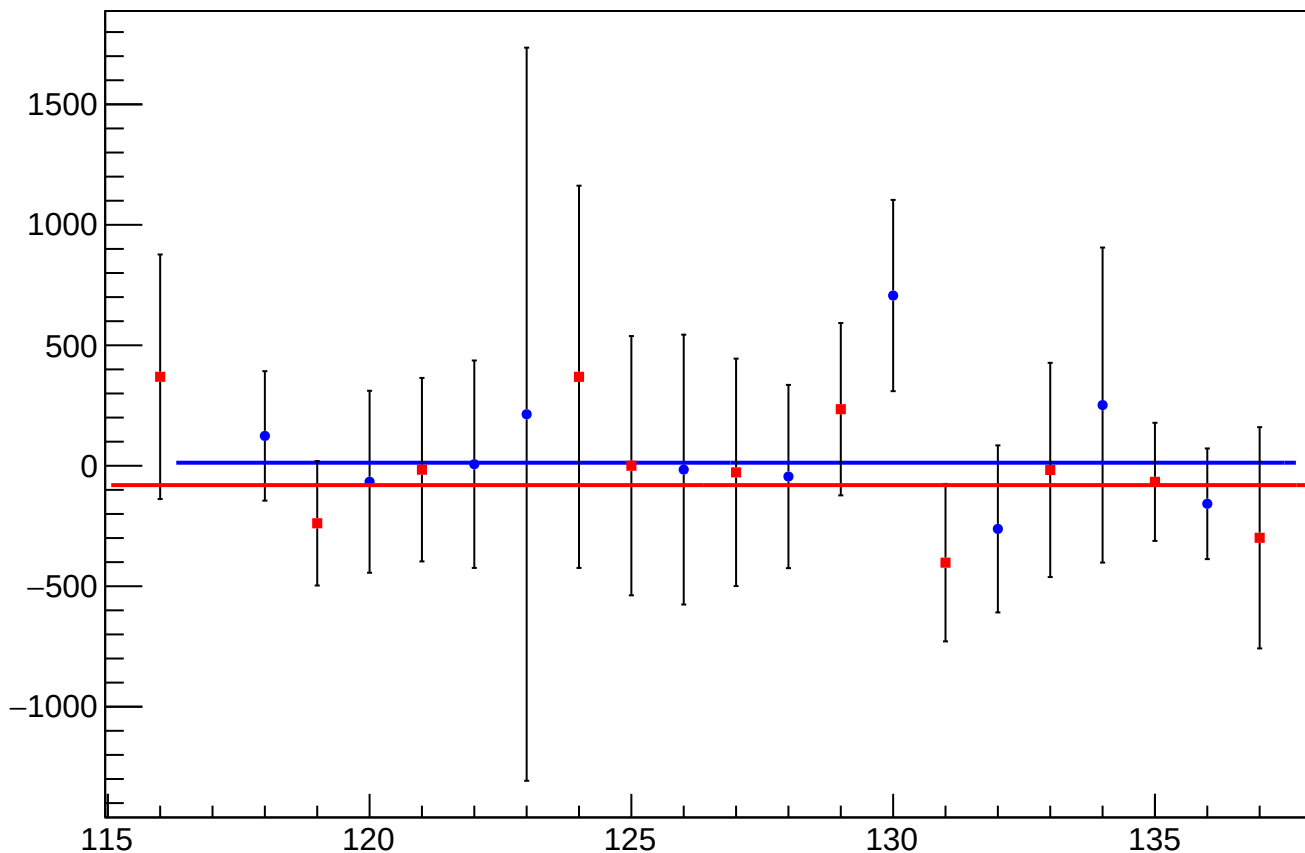
Right: 217.491+/-0.056 χ^2/NDF : 635530.0/20

In: 224.217+/-0.082 χ^2/NDF : 255752.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.491+/-0.056 χ^2/NDF : 635530.0/20

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 12.708+/-117.236 χ^2/NDF : 4.6/9

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

Right Out: -80.290+/-112.556 χ^2/NDF : 3.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

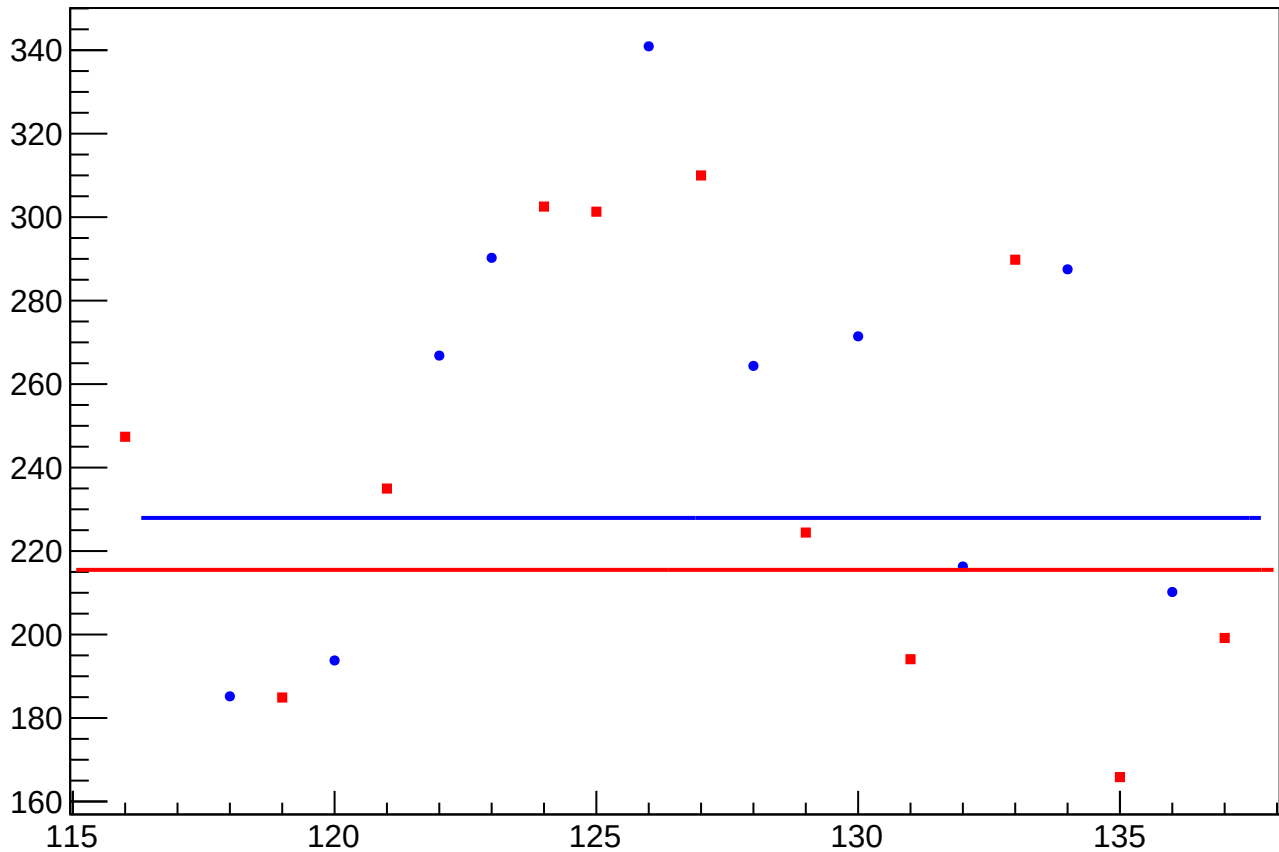
Right: -35.684+/-81.193 χ^2/NDF : 8.5/20

In: 12.708+/-117.236 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.684+/-81.193 χ^2/NDF : 8.5/20

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 227.937+/-0.083 χ^2/NDF : 241257.2/9

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

Right Out: 215.496+/-0.080 χ^2/NDF : 346556.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

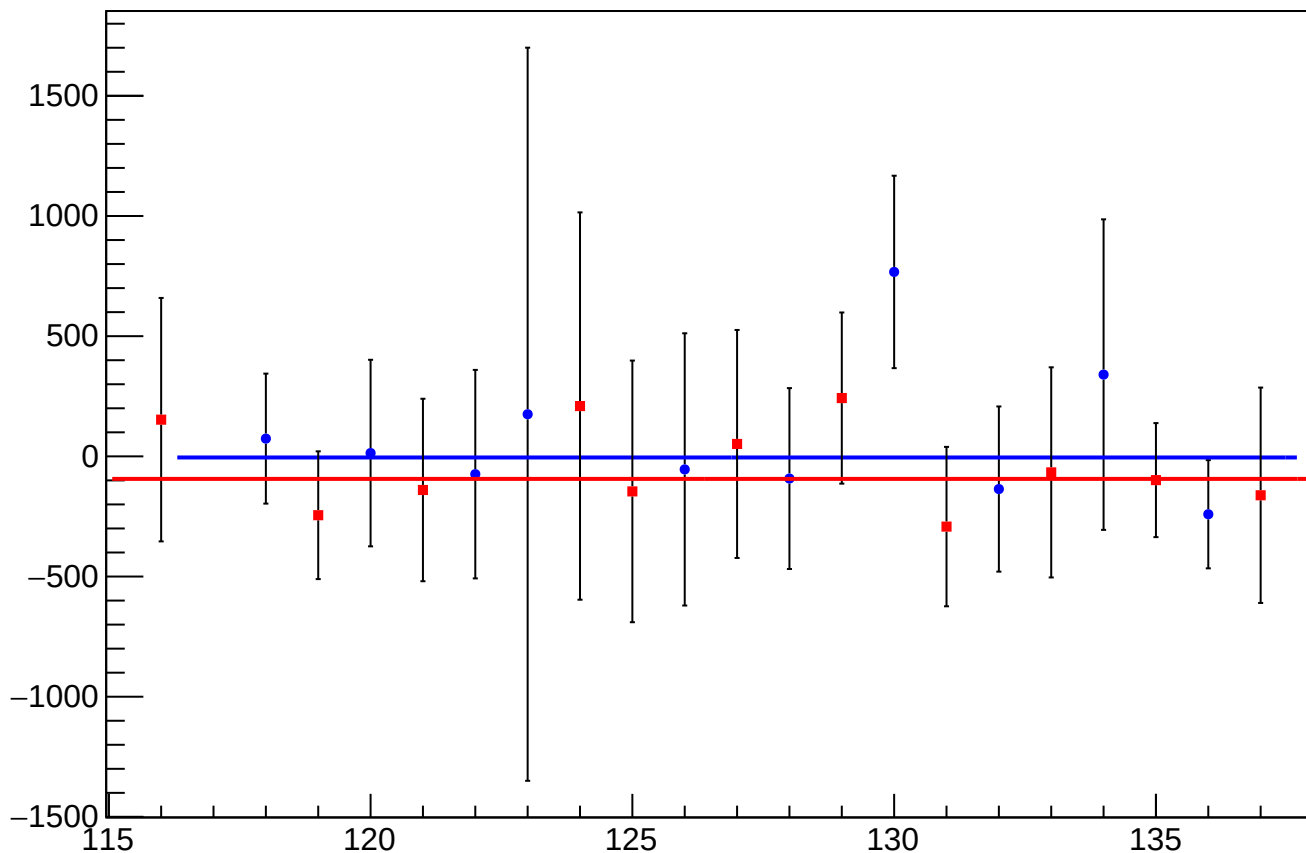
Right: 221.463+/-0.057 χ^2/NDF : 599532.9/20

In: 227.937+/-0.083 χ^2/NDF : 241257.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.463+/-0.057 χ^2/NDF : 599532.9/20

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -4.627+/-116.975 χ^2/NDF : 5.4/9

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

Right Out: -93.759+/-112.280 χ^2/NDF : 2.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

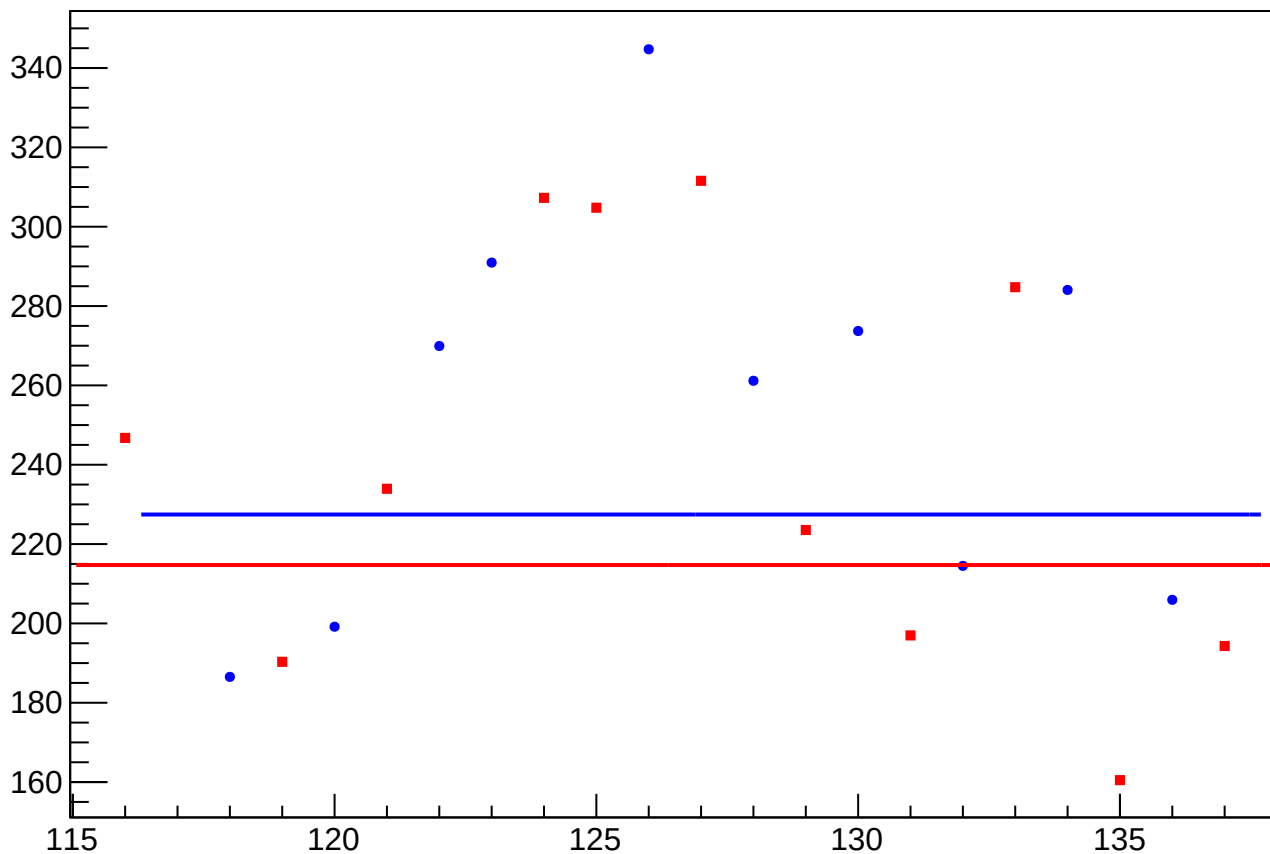
Right: -51.017+/-81.003 χ^2/NDF : 7.8/20

In: -4.627+/-116.975 χ^2/NDF :5.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -51.017+/-81.003 χ^2/NDF : 7.8/20

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 227.451+/-0.083 χ^2/NDF : 244075.2/9

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

Right Out: 214.716+/-0.079 χ^2/NDF : 361455.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

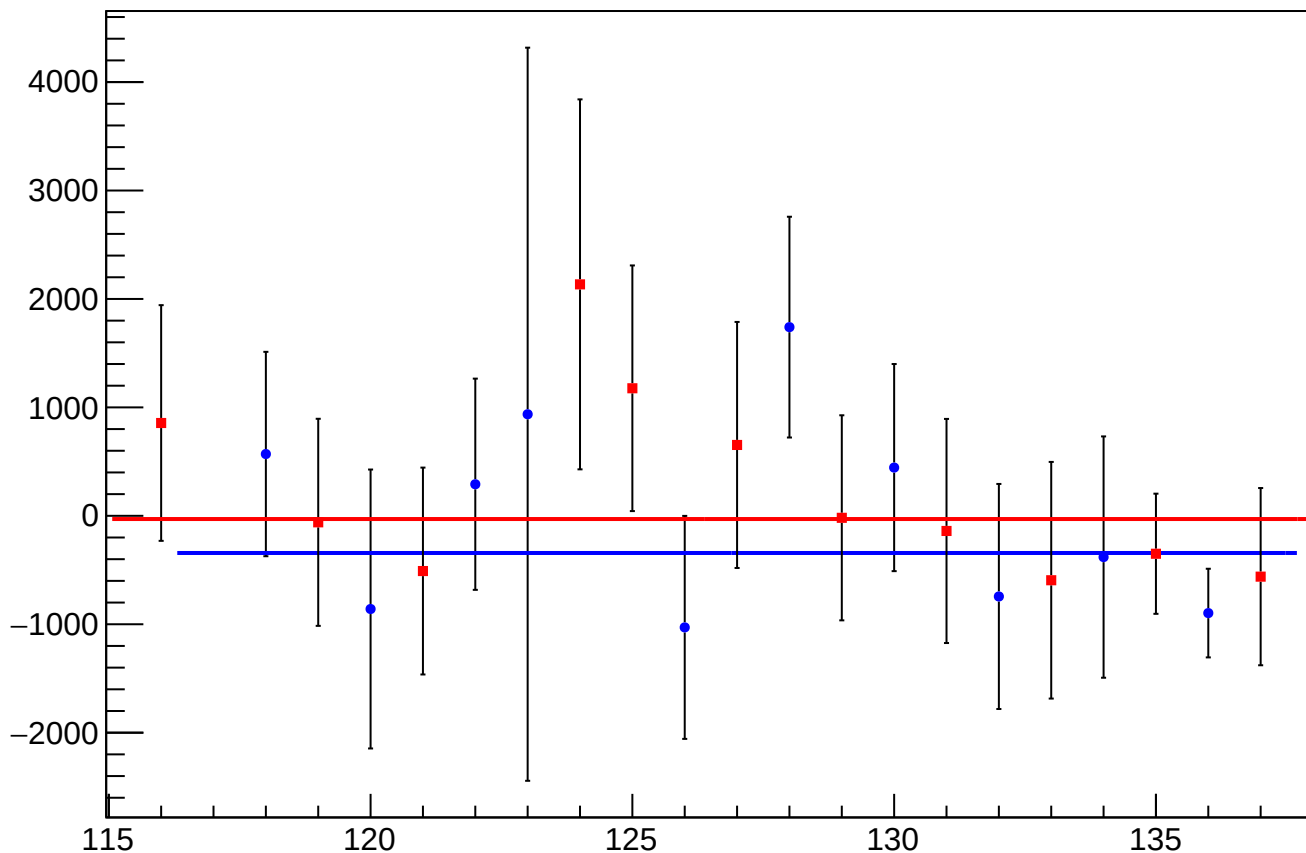
Right: 220.823+/-0.057 χ^2/NDF : 617867.7/20

In: 227.451+/-0.083 χ^2/NDF : 244075.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.823+/-0.057 χ^2/NDF : 617867.7/20

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -342.720+/-271.175 χ^2/NDF : 9.0/9

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

Right Out: -29.601+/-281.812 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

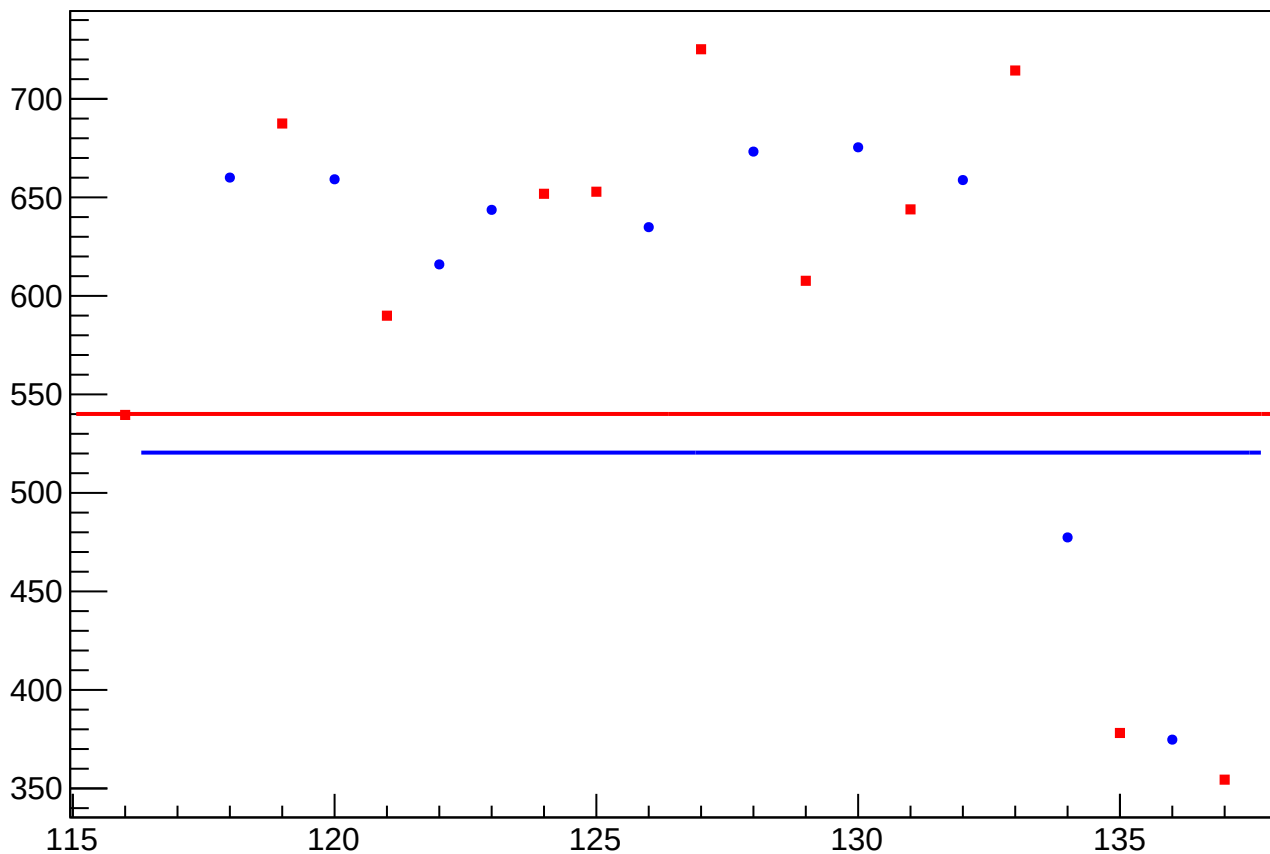
Right: -192.181+/-195.402 χ^2/NDF : 14.7/20

In: -342.720+/-271.175 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.181+/-195.402 χ^2/NDF : 14.7/20

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 520.454+/-0.192 χ^2/NDF : 504044.4/9

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

Right Out: 540.070+/-0.199 χ^2/NDF : 490261.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

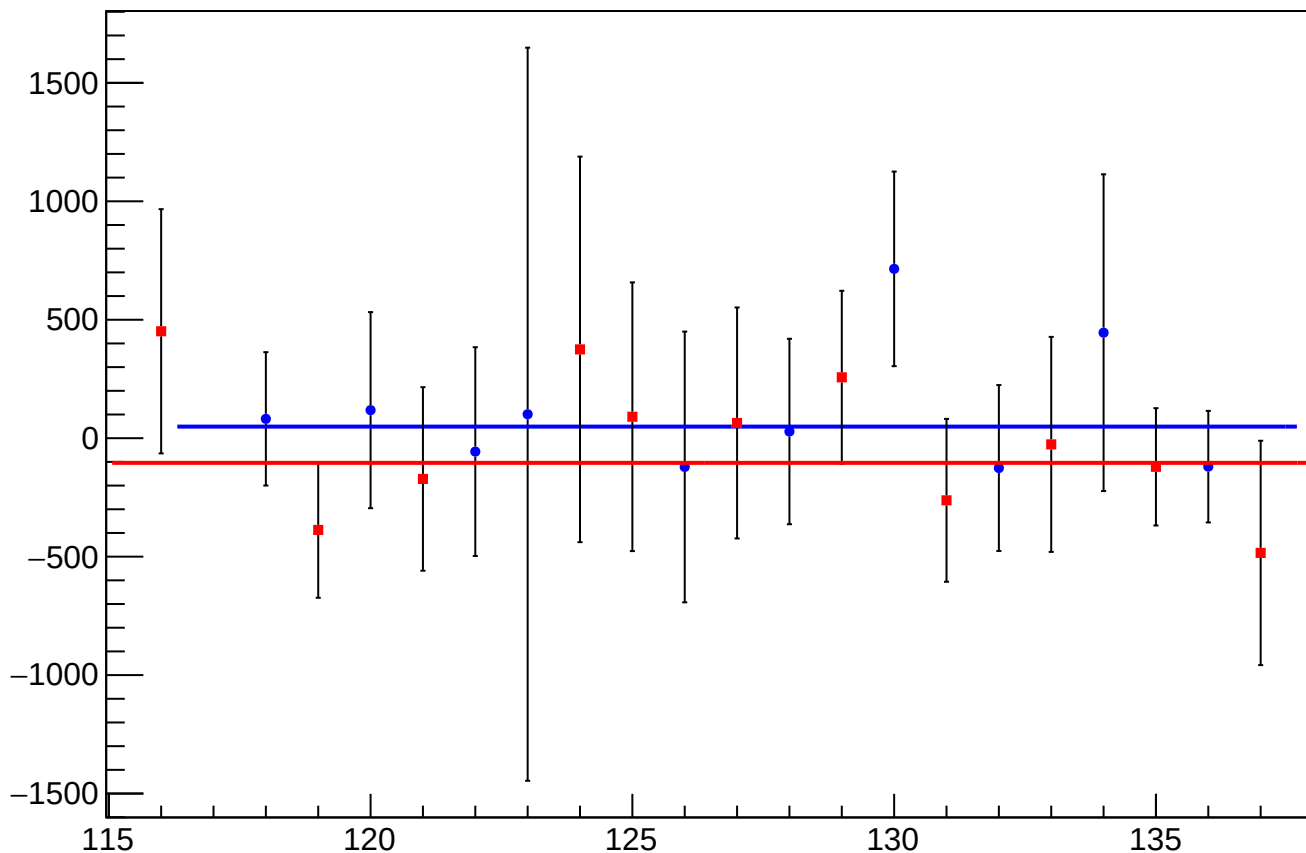
Right: 529.885+/-0.138 χ^2/NDF : 999337.7/20

In: 520.454+/-0.192 χ^2/NDF : 504044.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.885+/-0.138 χ^2/NDF : 999337.7/20

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 48.961+/-121.295 χ^2/NDF : 3.9/9

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

Right Out: -104.079+/-117.002 χ^2/NDF : 4.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

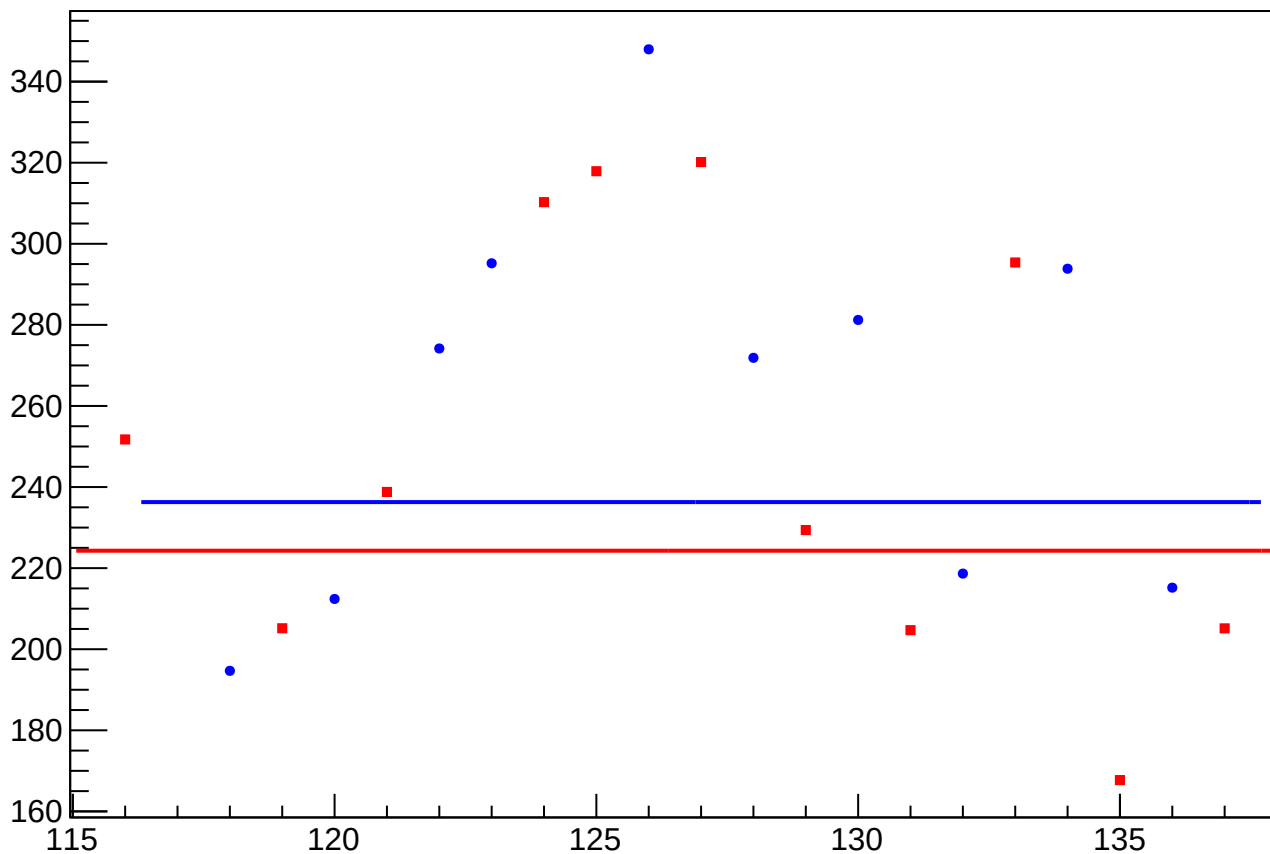
Right: -30.315+/-84.210 χ^2/NDF : 9.4/20

In: 48.961+/-121.295 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.315+/-84.210 χ^2/NDF : 9.4/20

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 236.289+/-0.086 χ^2/NDF : 220883.5/9

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

Right Out: 224.295+/-0.083 χ^2/NDF : 335216.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

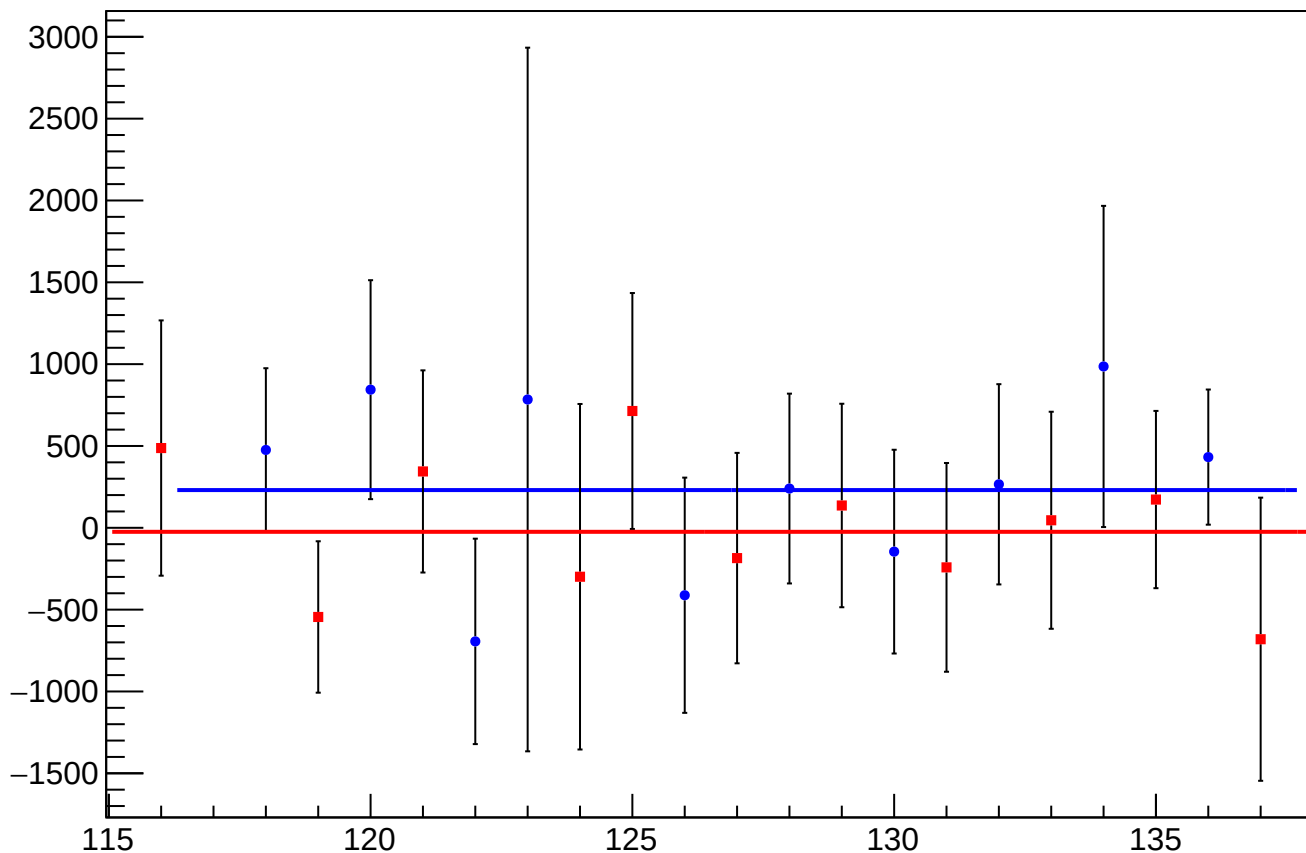
Right: 230.076+/-0.060 χ^2/NDF : 566229.0/20

In: 236.289+/-0.086 χ^2/NDF : 220883.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.076+/-0.060 χ^2/NDF : 566229.0/20

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 230.540 $\pm$ 195.862 χ^2 /NDF: 5.3/9

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

Right Out: -24.482 $\pm$ 195.195 χ^2 /NDF: 4.1/10

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

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

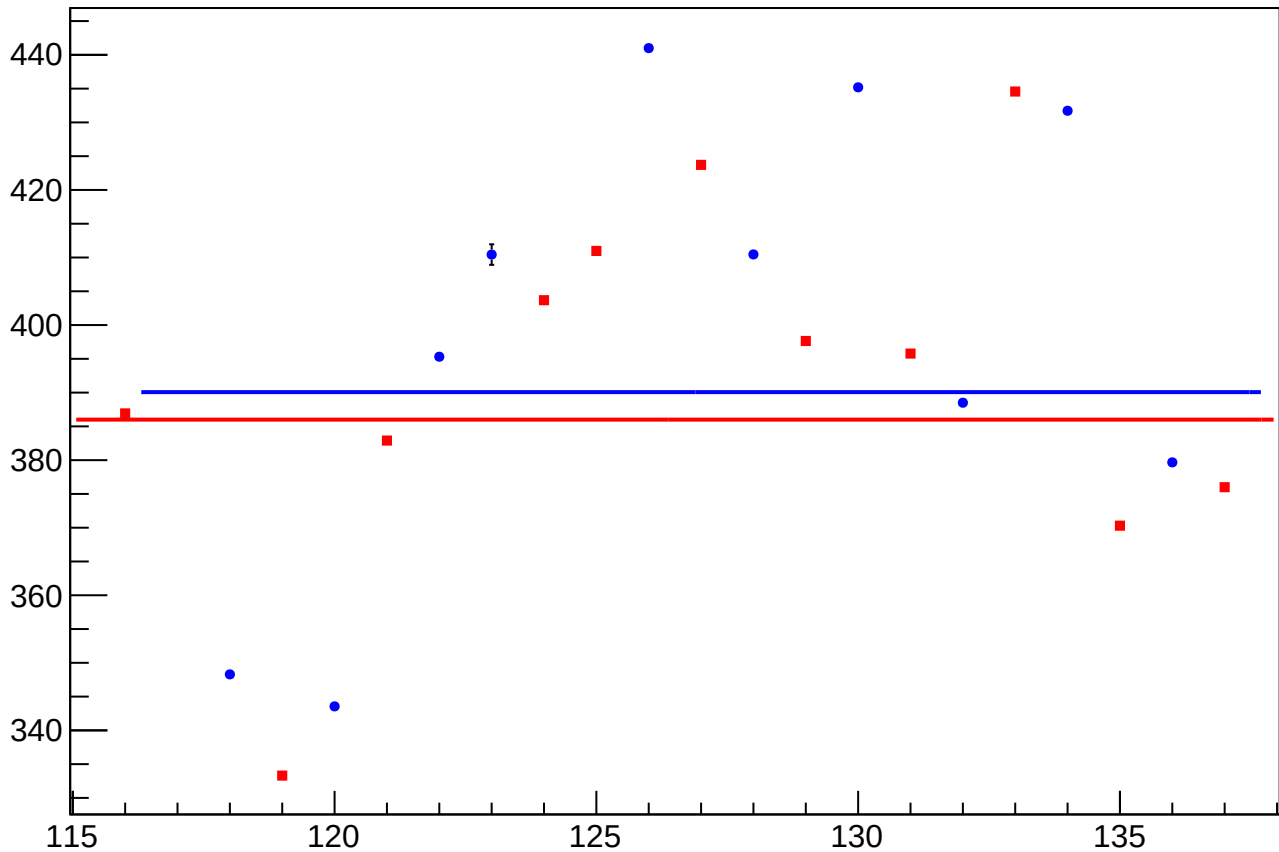
Right: 102.594 $\pm$ 138.259 χ^2 /NDF: 10.3/20

In: 230.540 $\pm$ 195.862 χ^2 /NDF:5.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.594 $\pm$ 138.259 χ^2 /NDF: 10.3/20

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 390.069+/-0.138 χ^2/NDF : 51903.3/9

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

Right Out: 386.001+/-0.138 χ^2/NDF : 49698.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

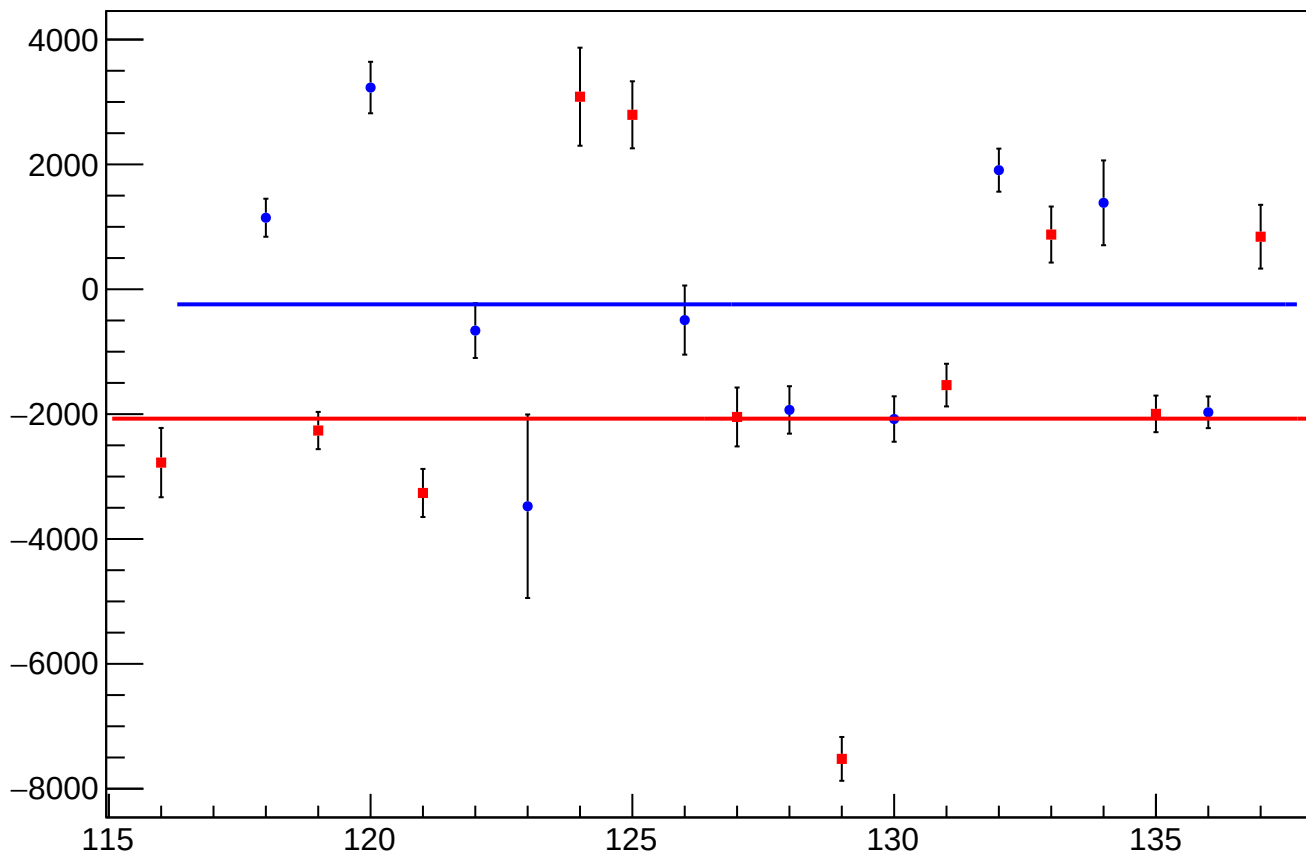
Right: 388.028+/-0.098 χ^2/NDF : 102034.5/20

In: 390.069+/-0.138 χ^2/NDF : 51903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.028+/-0.098 χ^2/NDF : 102034.5/20

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -241.612+/-122.934 χ^2/NDF : 233.9/9

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

Right Out: -2072.488+/-121.359 χ^2/NDF : 456.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

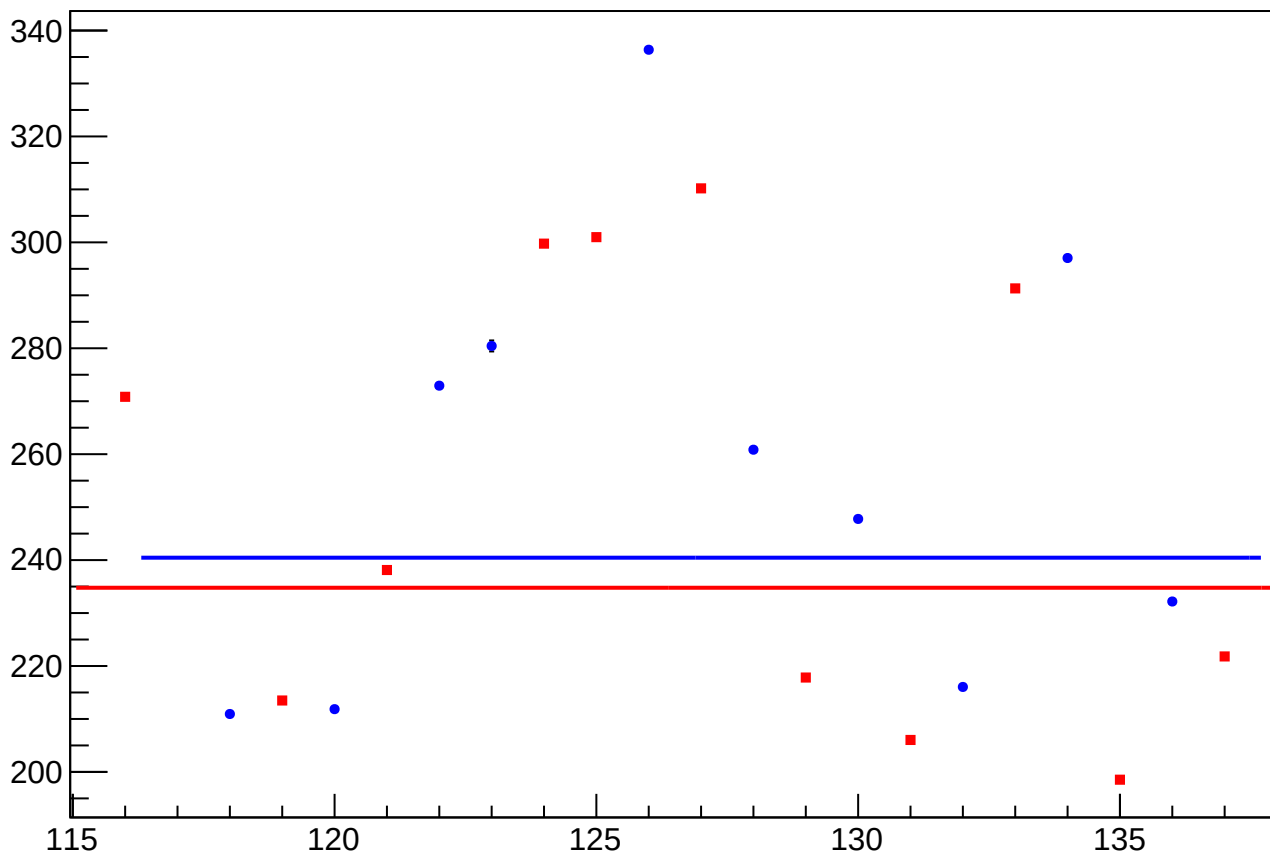
Right: -1168.852+/-86.365 χ^2/NDF : 802.3/20

In: -241.612+/-122.934 χ^2/NDF : 233.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1168.852+/-86.365 χ^2/NDF : 802.3/20

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 240.454+/-0.087 χ^2/NDF : 133451.3/9

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

Right Out: 234.778+/-0.086 χ^2/NDF : 196387.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

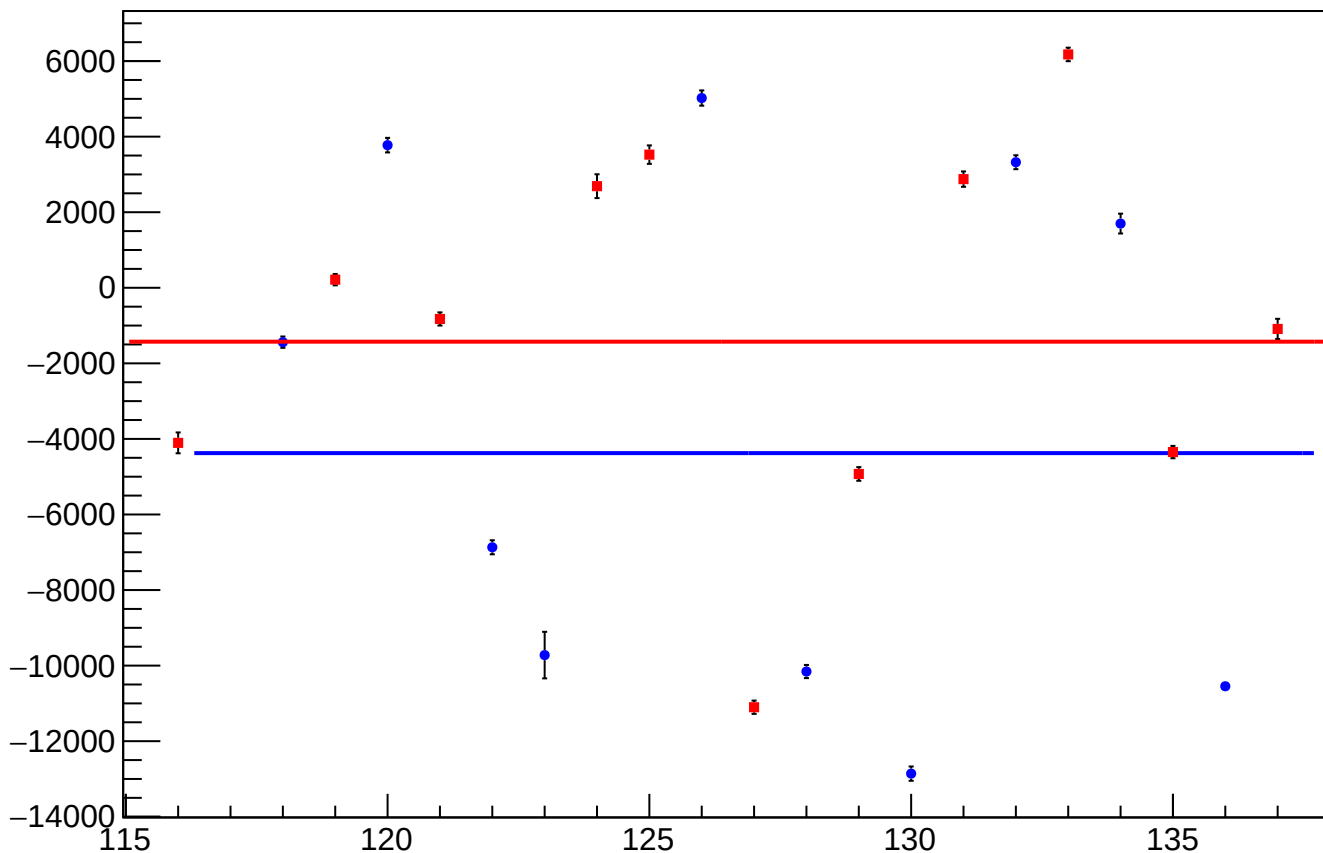
Right: 237.580+/-0.061 χ^2/NDF : 331998.3/20

In: 240.454+/-0.087 χ^2/NDF : 133451.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.580+/-0.061 χ^2/NDF : 331998.3/20

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -4376.078+/-58.376 χ^2/NDF : 12304.8/9

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

Right Out: -1426.512+/-59.101 χ^2/NDF : 6762.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

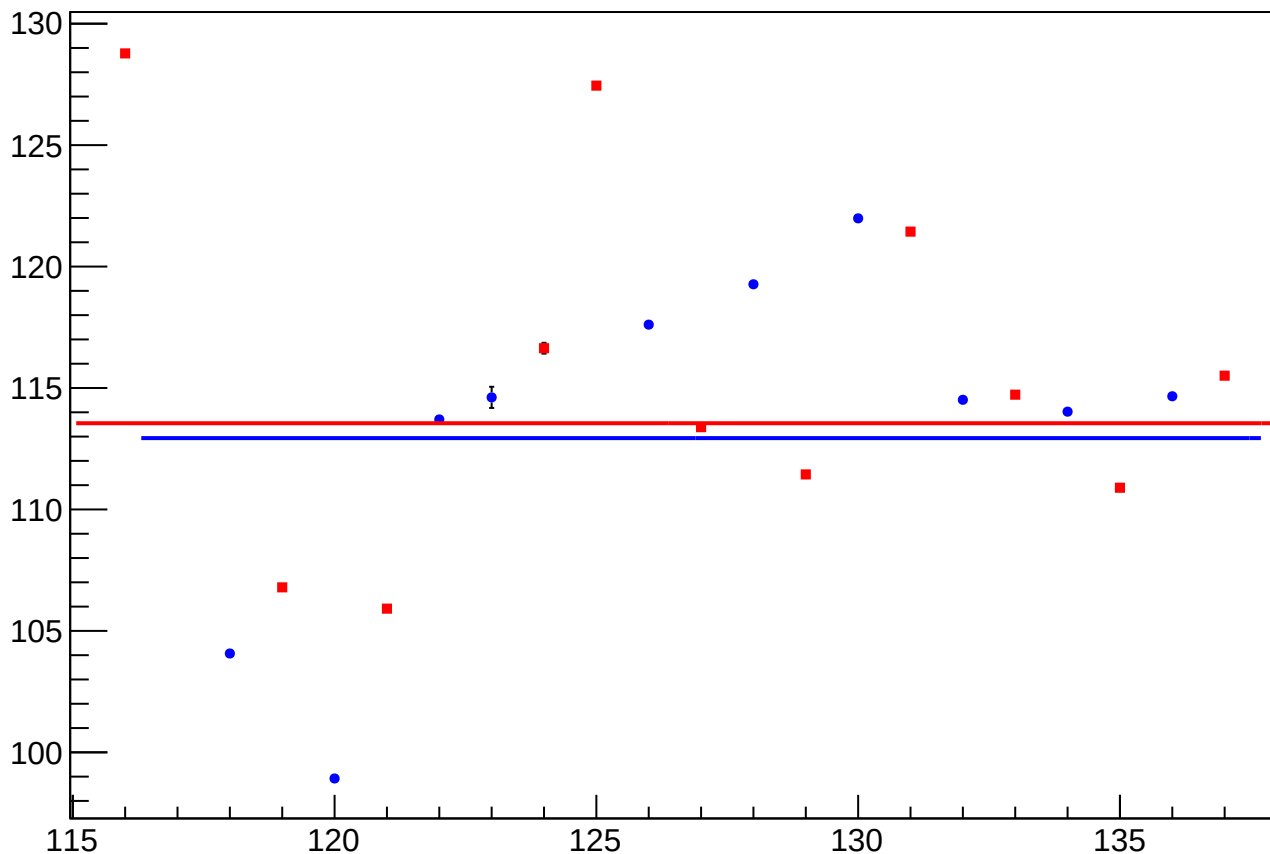
Right: -2919.512+/-41.532 χ^2/NDF : 20327.7/20

In: -4376.078+/-58.376 χ^2/NDF :12304.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2919.512+/-41.532 χ^2/NDF : 20327.7/20

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 112.937+/-0.041 χ^2/NDF : 26371.7/9

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

Right Out: 113.550+/-0.042 χ^2/NDF : 24602.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

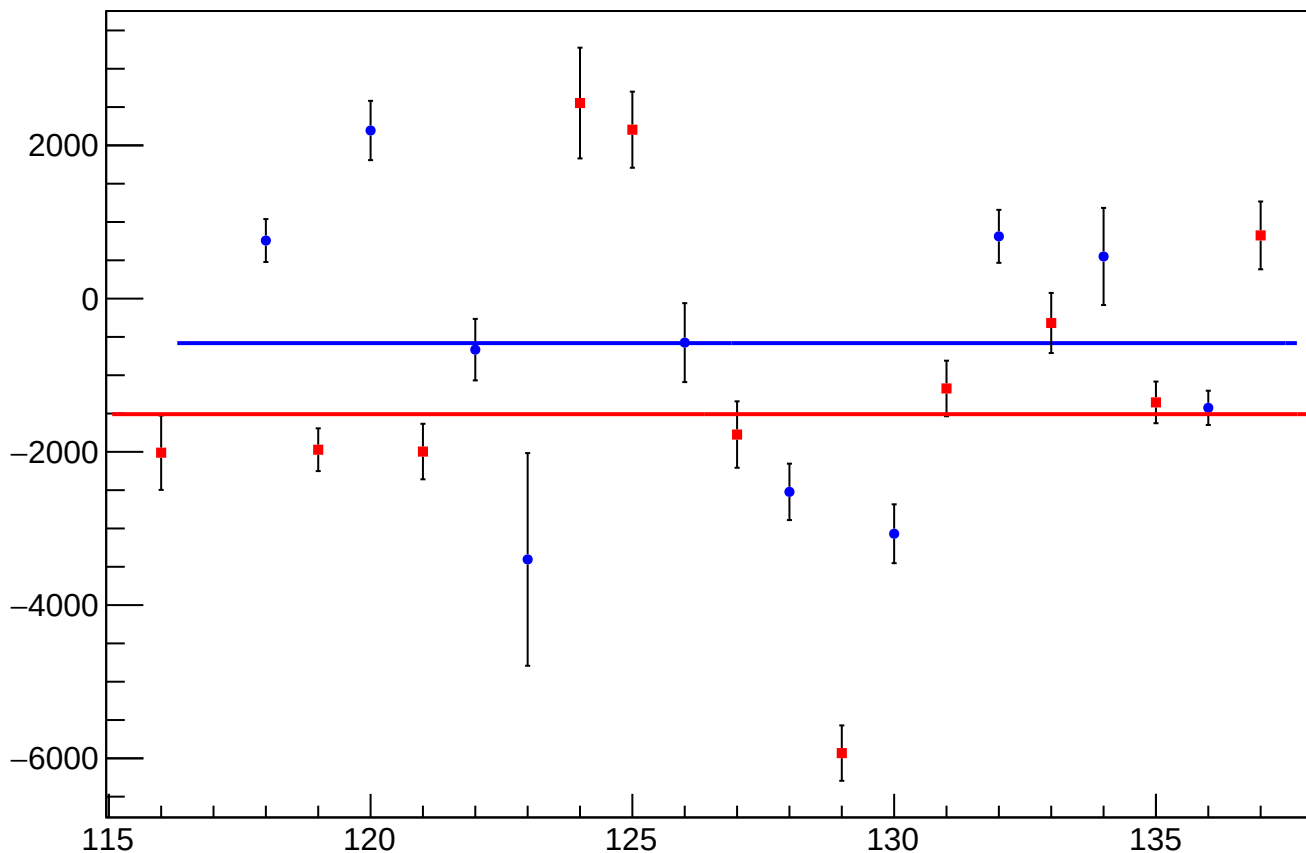
Right: 113.240+/-0.029 χ^2/NDF : 51082.8/20

In: 112.937+/-0.041 χ^2/NDF :26371.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.240+/-0.029 χ^2/NDF : 51082.8/20

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -580.907+/-115.522 χ^2/NDF : 181.9/9

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

Right Out: -1508.102+/-114.418 χ^2/NDF : 281.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

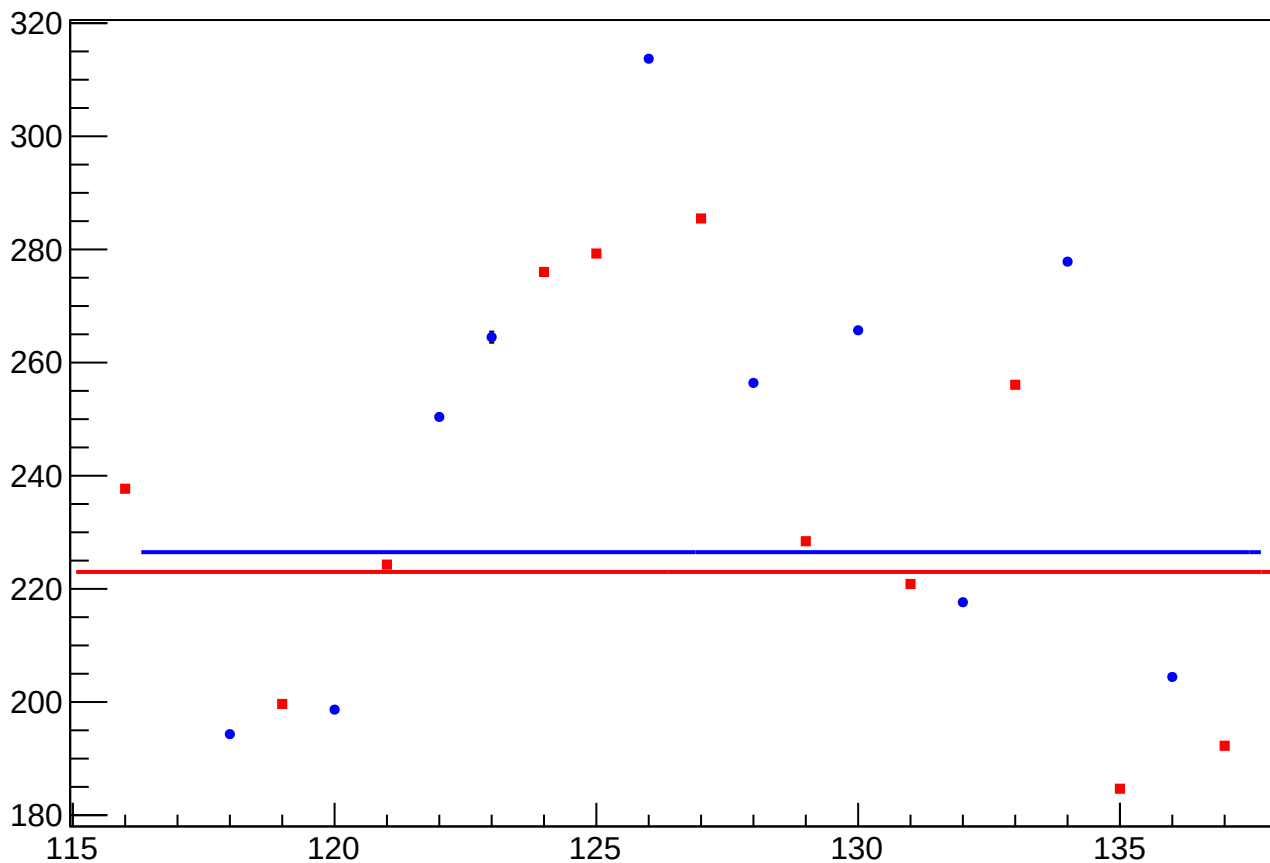
Right: -1048.959+/-81.293 χ^2/NDF : 495.9/20

In: -580.907+/-115.522 χ^2/NDF :181.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1048.959+/-81.293 χ^2/NDF : 495.9/20

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 226.490 $\pm$ 0.082 χ^2 /NDF: 170570.4/9

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

Right Out: 222.992 $\pm$ 0.081 χ^2 /NDF: 157919.0/10

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

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

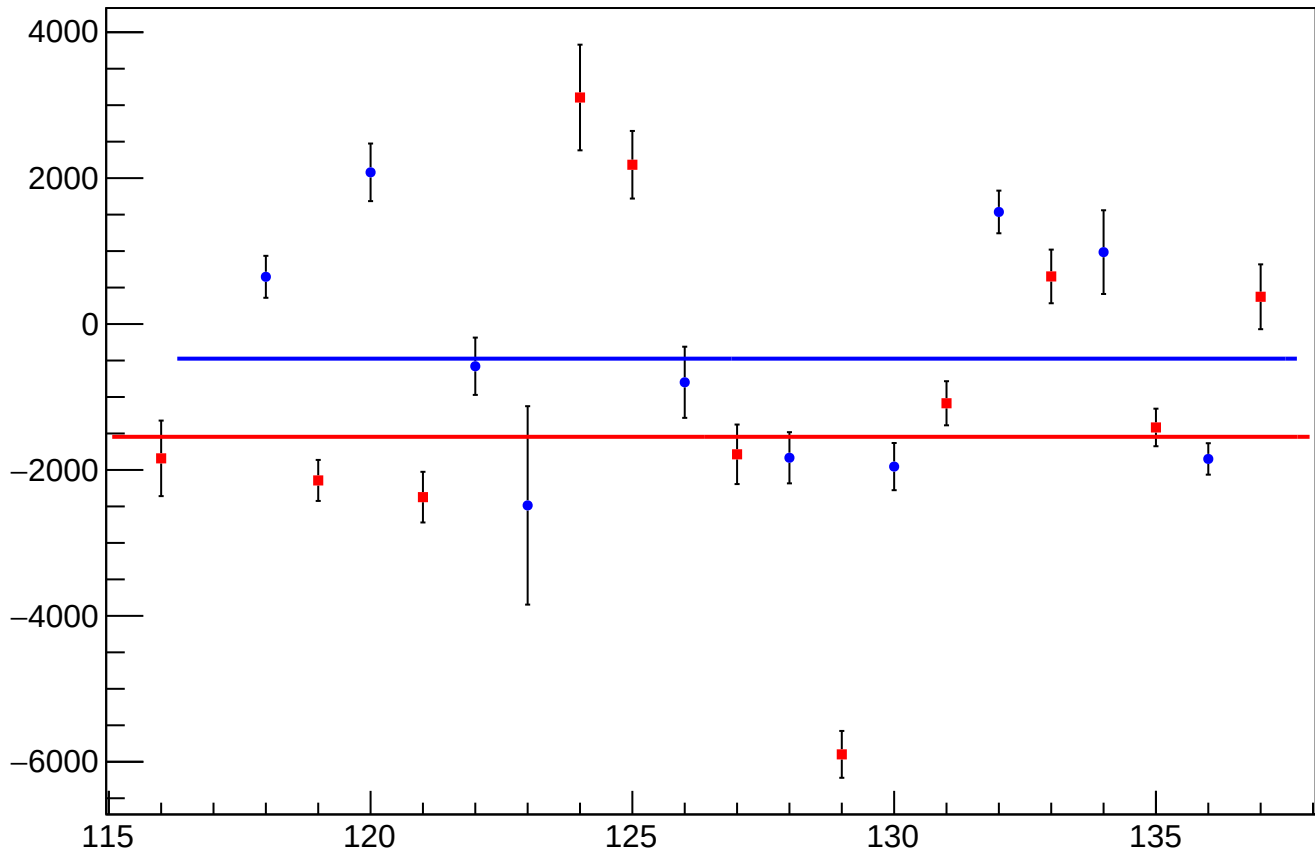
Right: 224.724 $\pm$ 0.057 χ^2 /NDF: 329415.5/20

In: 226.490 $\pm$ 0.082 χ^2 /NDF:170570.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.724 $\pm$ 0.057 χ^2 /NDF: 329415.5/20

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -474.373+/-109.302 χ^2/NDF : 190.2/9

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

Right Out: -1545.672+/-108.180 χ^2/NDF : 357.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

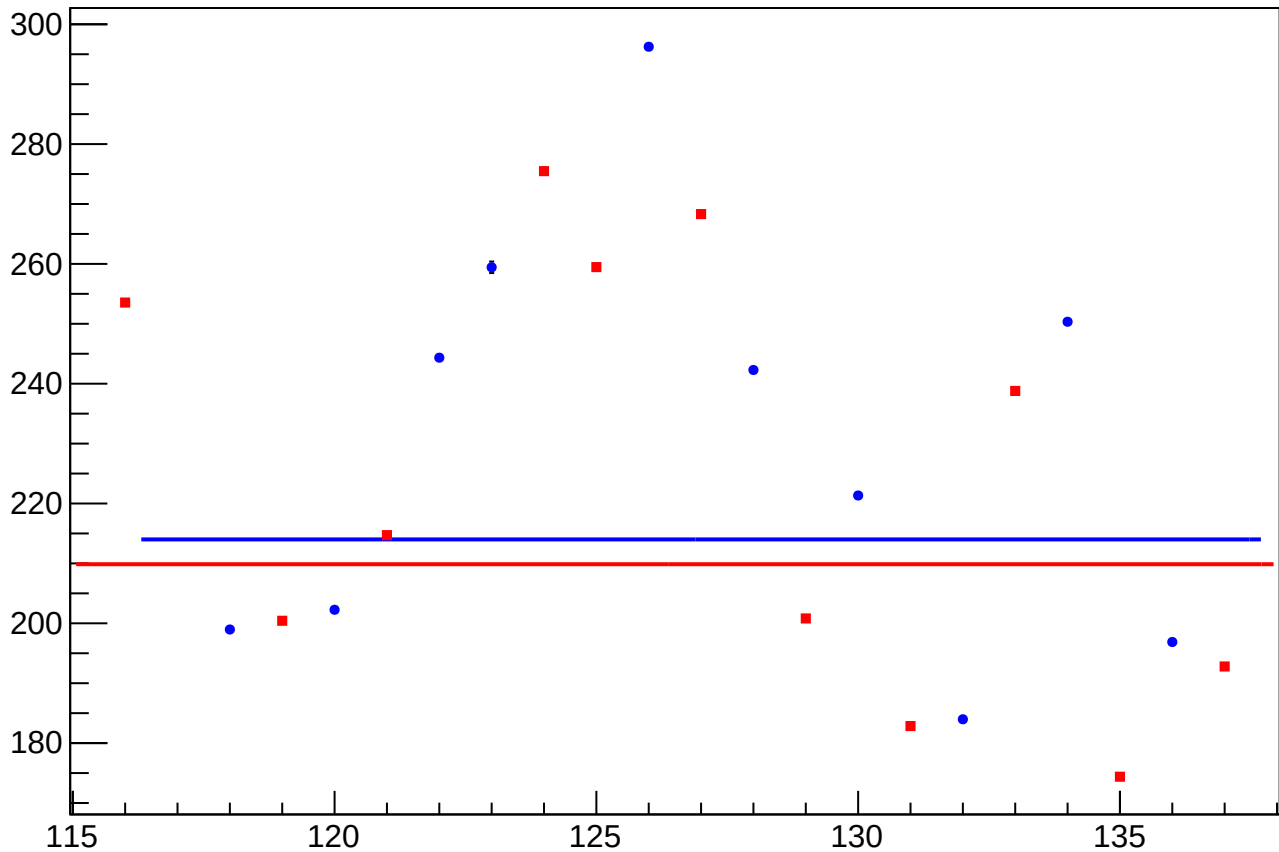
Right: -1015.549+/-76.889 χ^2/NDF : 596.3/20

In: -474.373+/-109.302 χ^2/NDF : 190.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1015.549+/-76.889 χ^2/NDF : 596.3/20

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 214.004 $\pm$ 0.077 χ^2 /NDF: 134079.8/9

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

Right Out: 209.864 $\pm$ 0.076 χ^2 /NDF: 168147.2/10

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

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

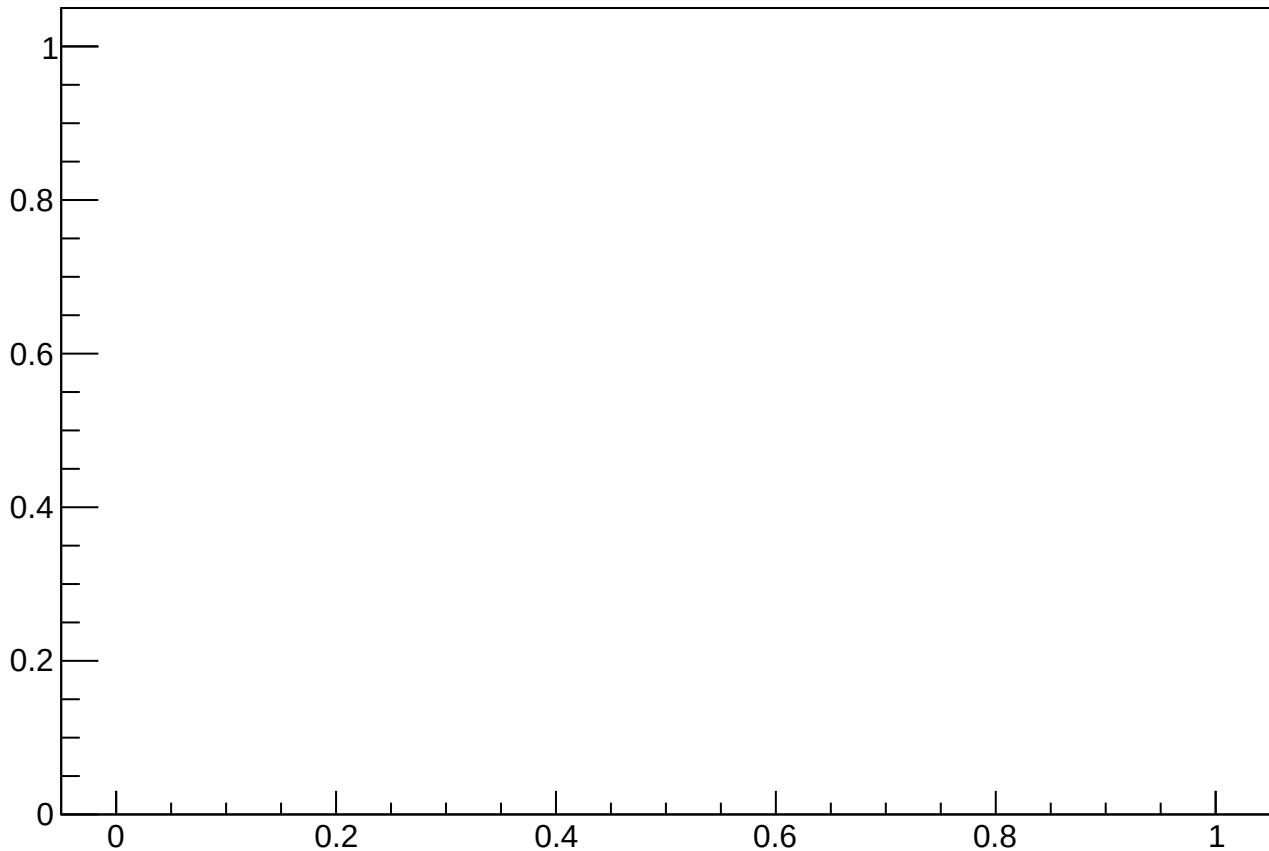
Right: 211.913 $\pm$ 0.054 χ^2 /NDF: 303676.6/20

In: 214.004 $\pm$ 0.077 χ^2 /NDF:134079.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 211.913 $\pm$ 0.054 χ^2 /NDF: 303676.6/20

bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

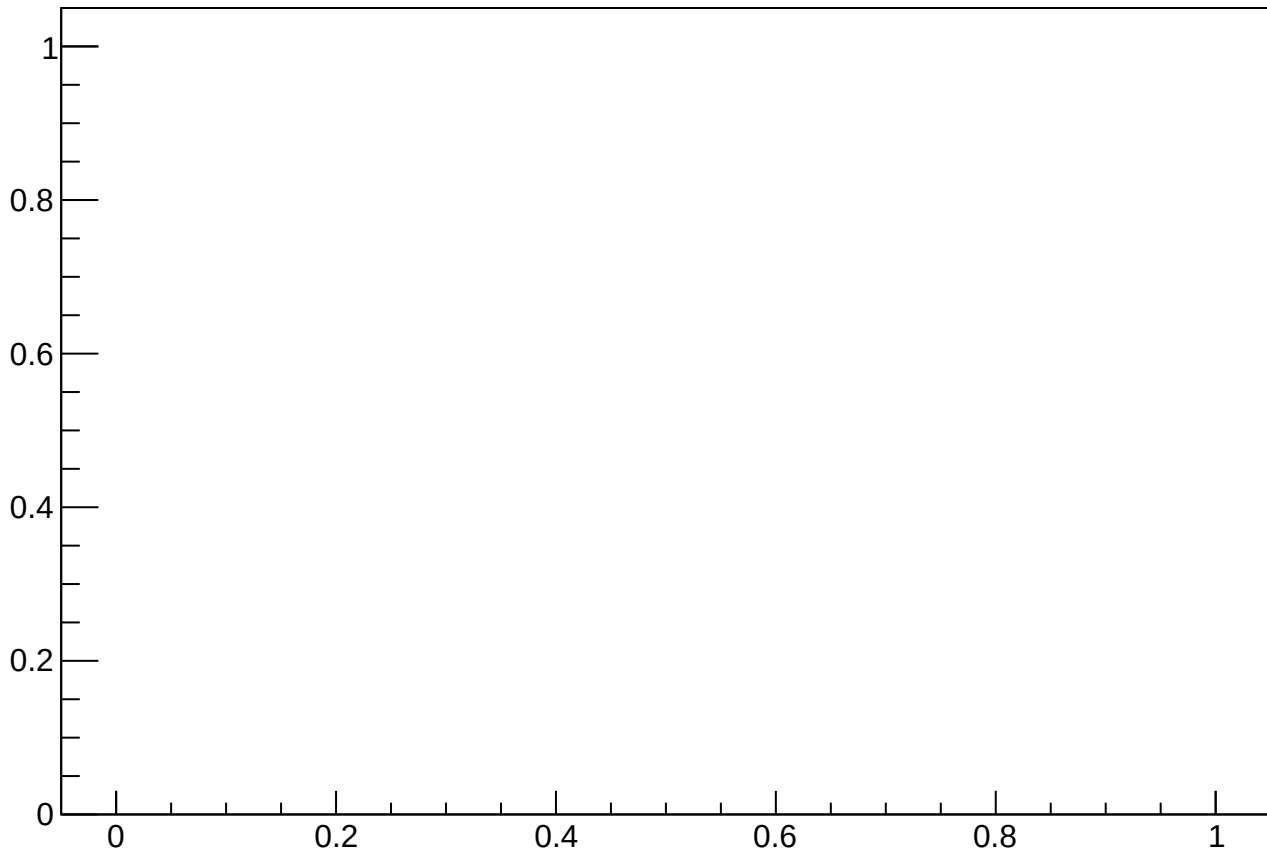
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

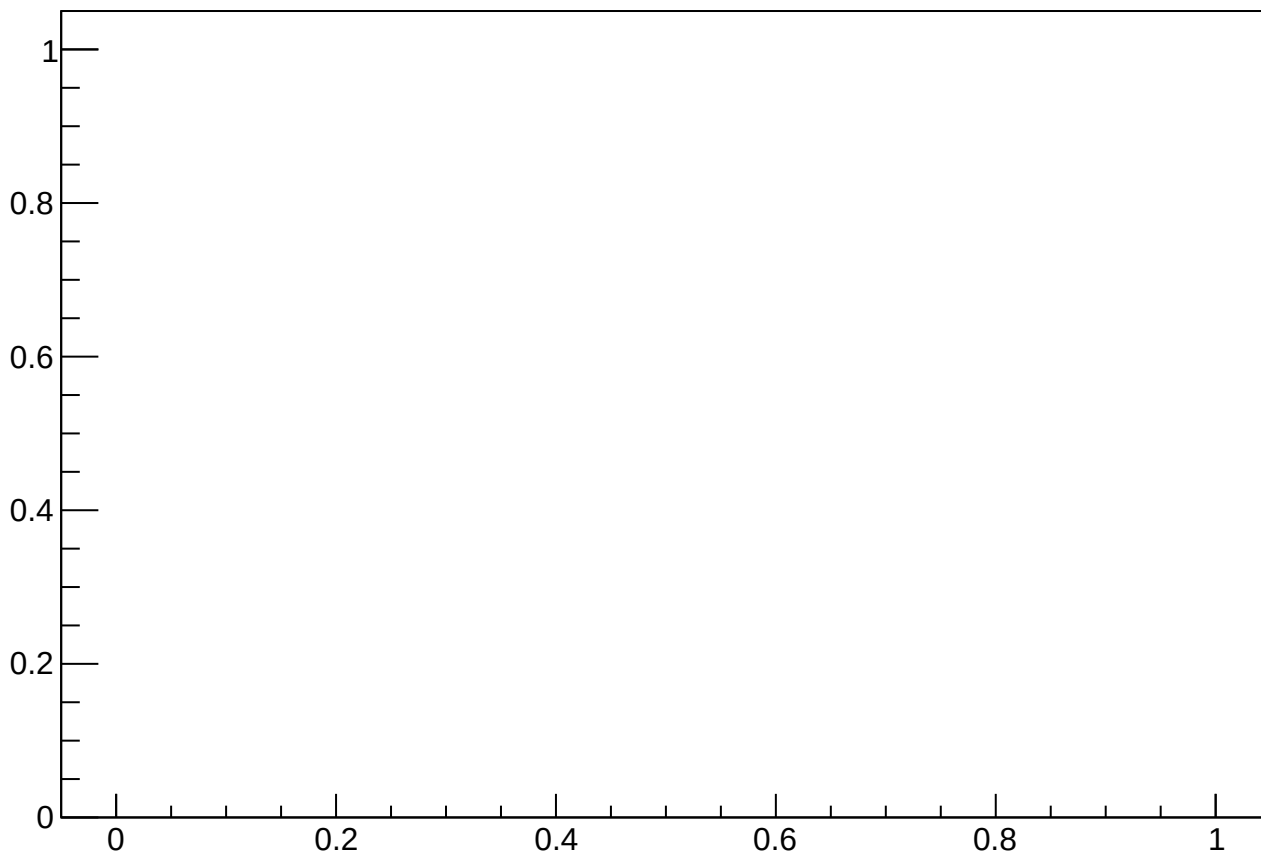
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

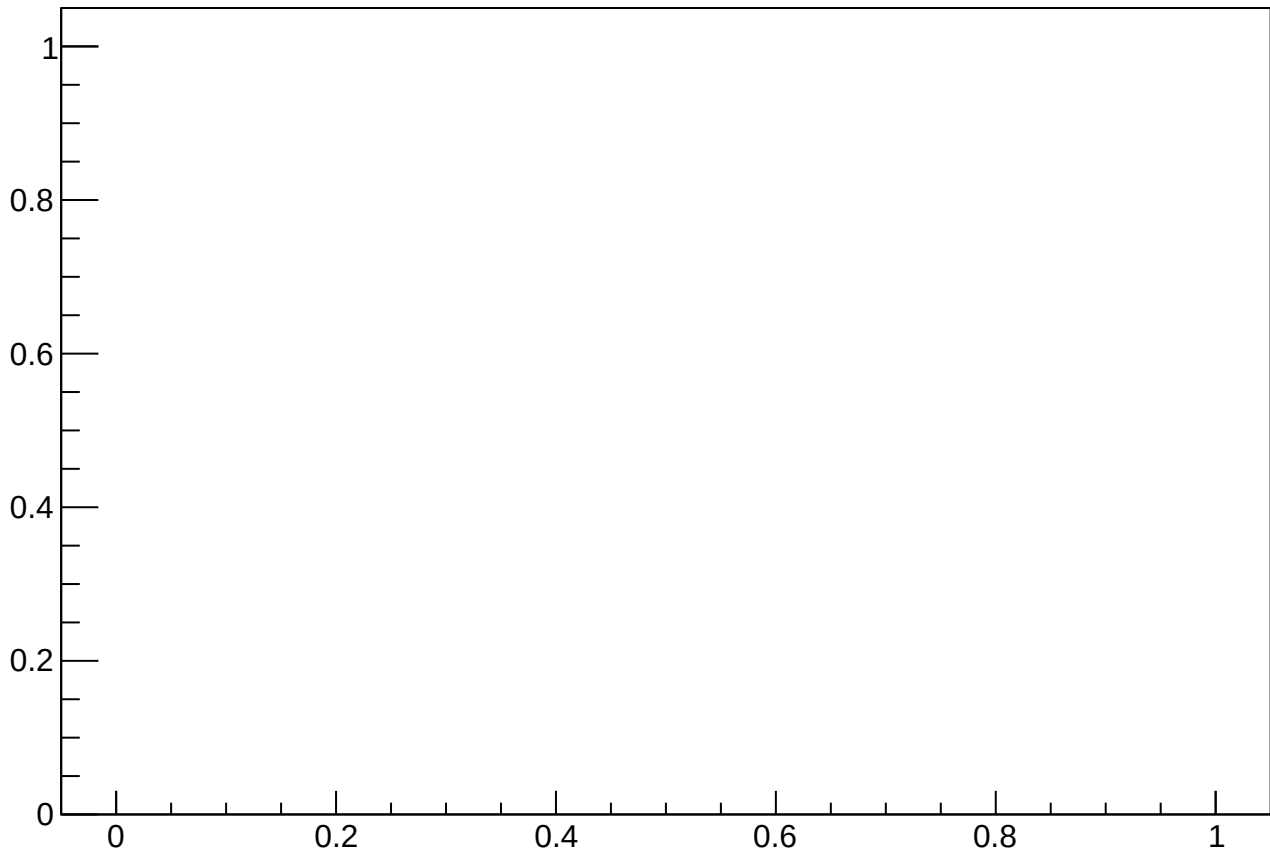
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

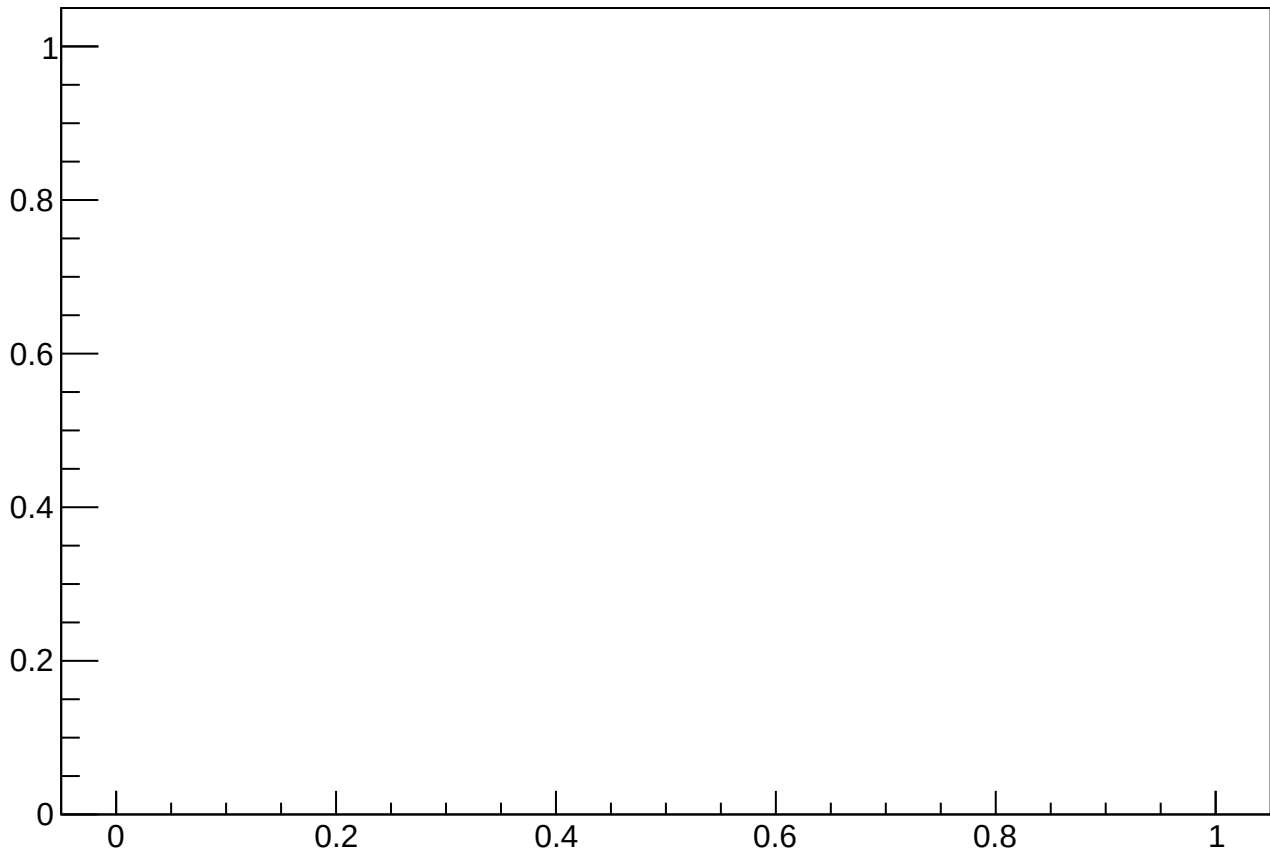
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

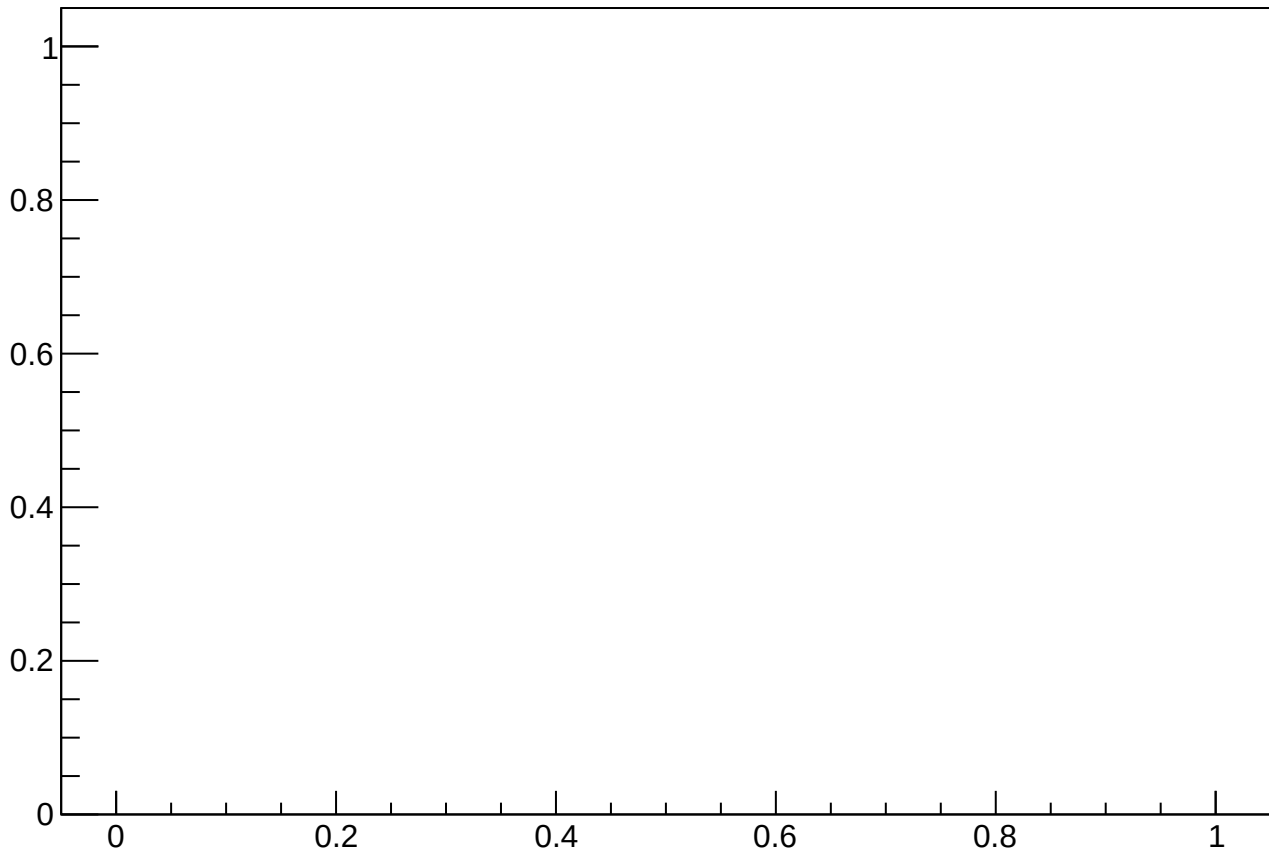
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

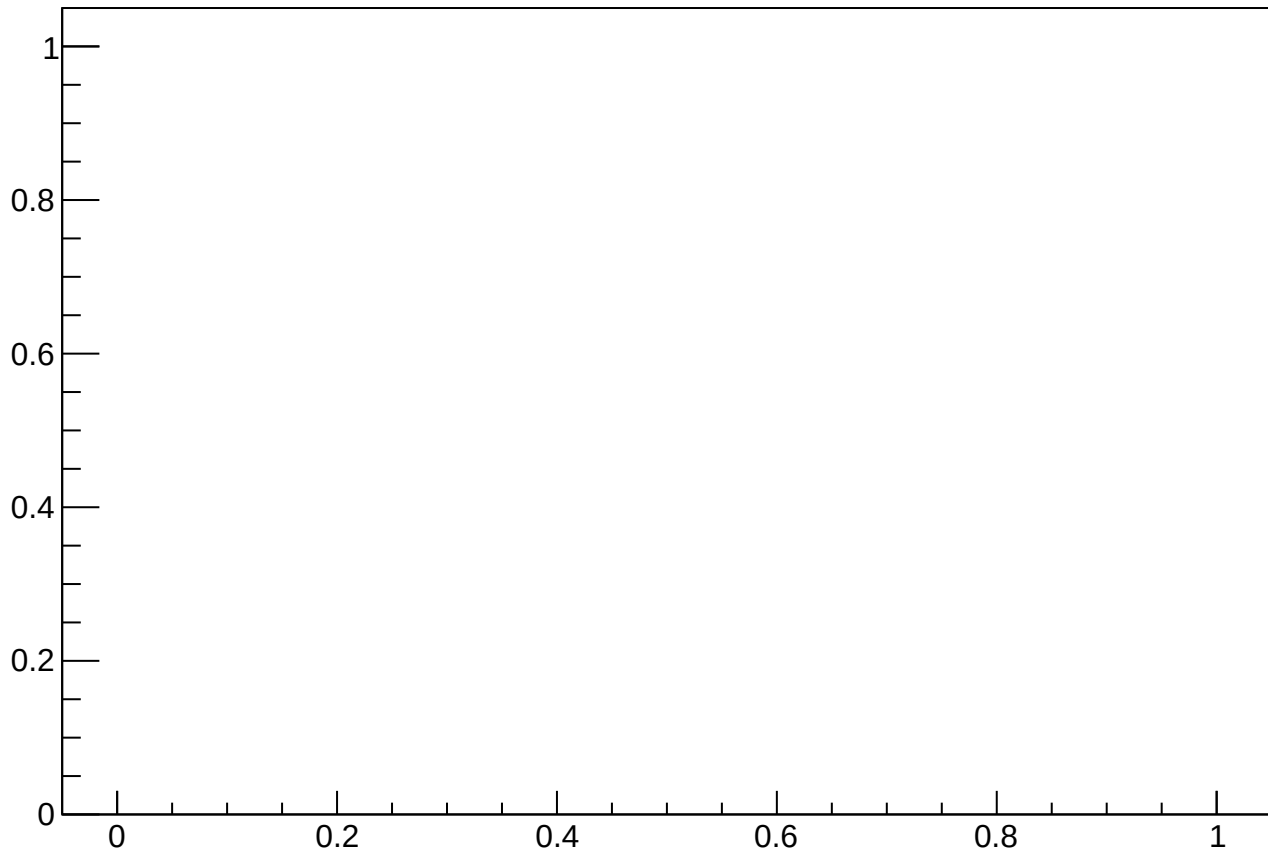
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

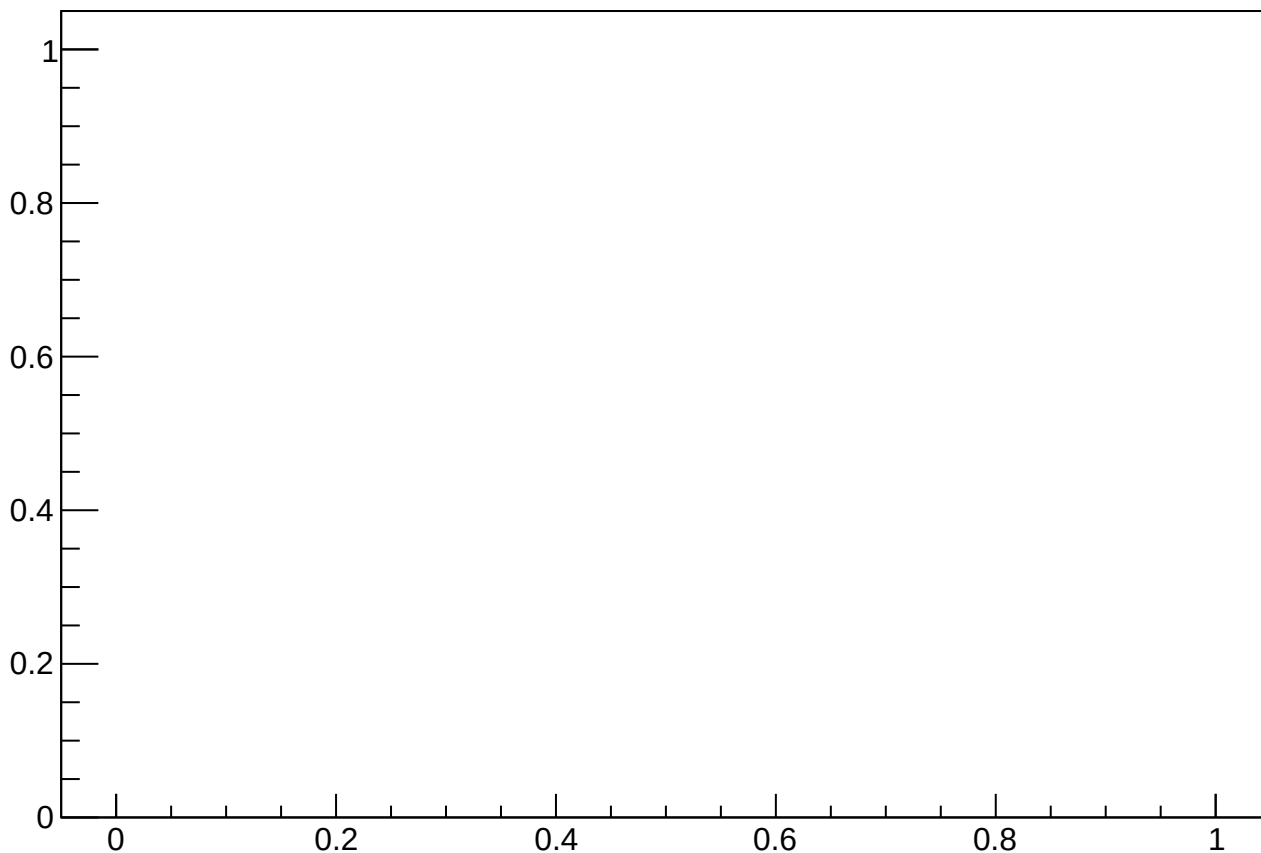
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

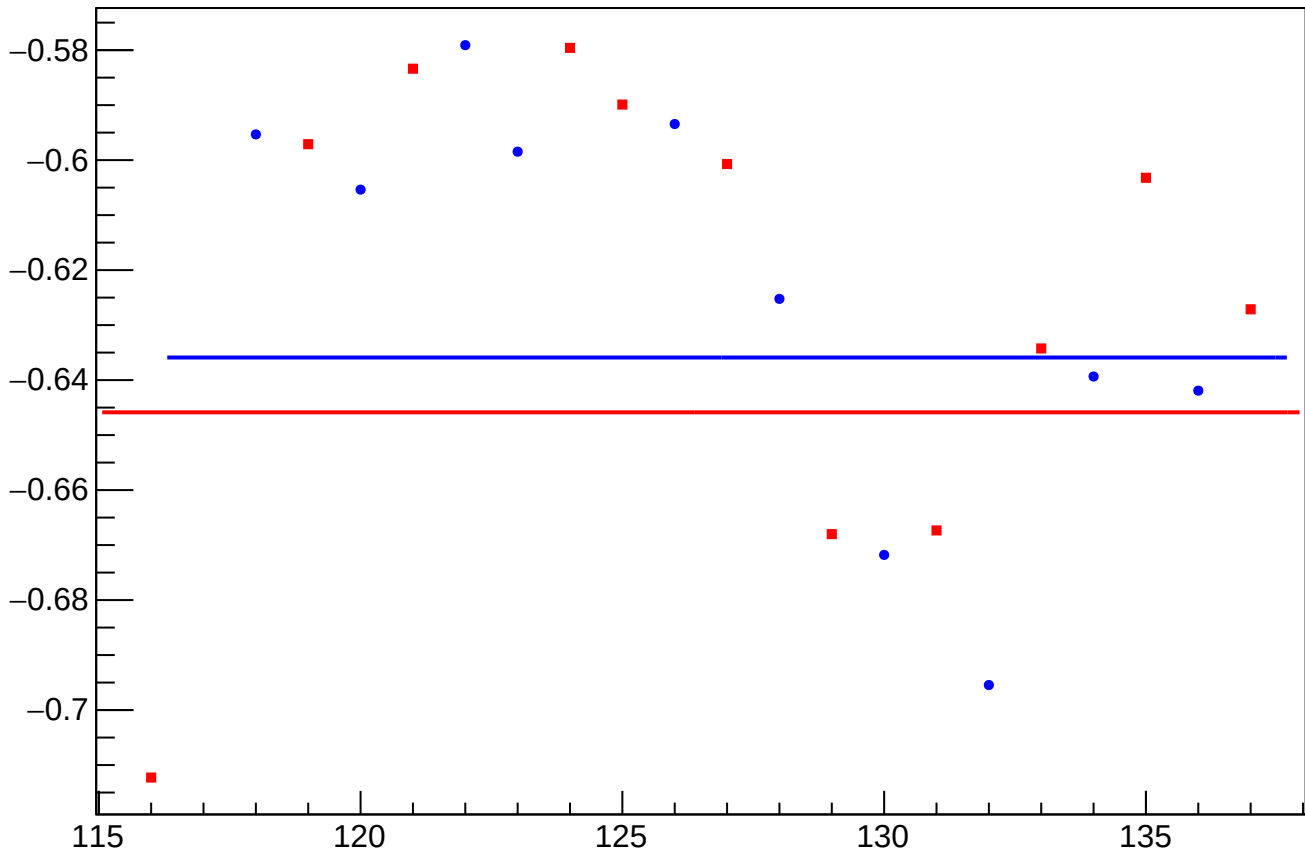
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: -0.636+/-0.000 χ^2/NDF : 2190553.4/9

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

Right Out: -0.646+/-0.000 χ^2/NDF : 4751305.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

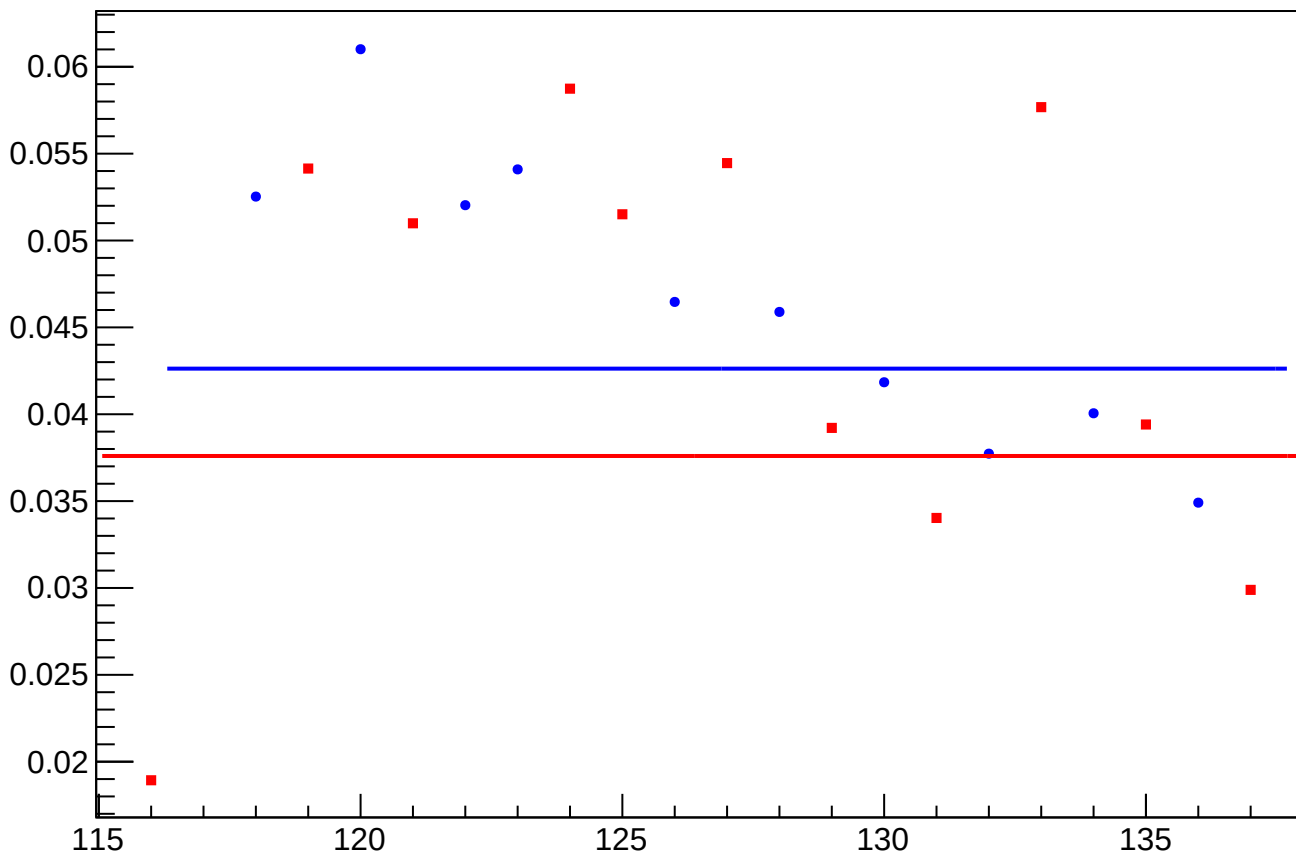
Right: -0.641+/-0.000 χ^2/NDF : 7036406.0/20

In: -0.636+/-0.000 χ^2/NDF :2190553.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.641+/-0.000 χ^2/NDF : 7036406.0/20

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.043+/-0.000 χ^2/NDF : 180023.7/9

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

Right Out: 0.038+/-0.000 χ^2/NDF : 773177.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

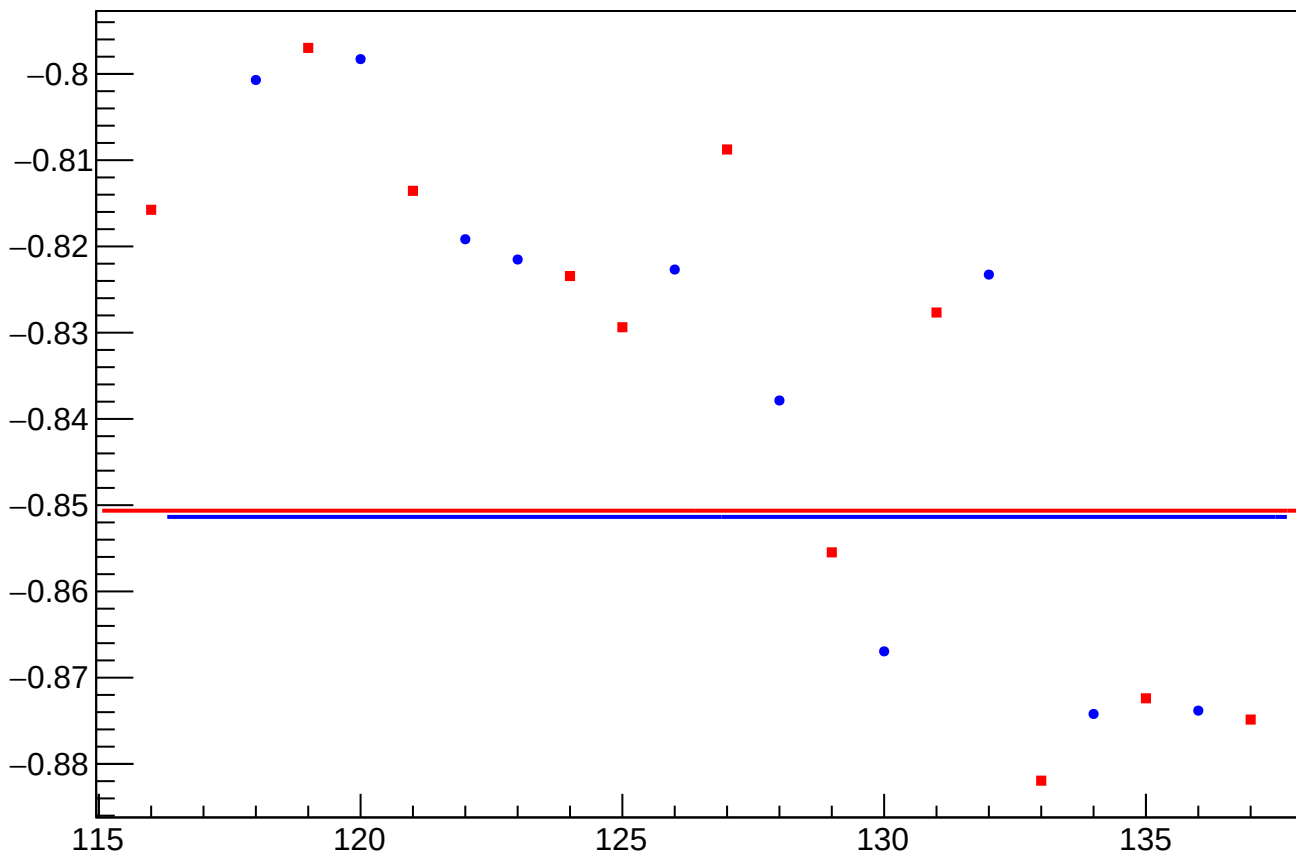
Right: 0.040+/-0.000 χ^2/NDF : 1001341.3/20

In: 0.043+/-0.000 χ^2/NDF :180023.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.040+/-0.000 χ^2/NDF : 1001341.3/20

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.851+/-0.000 χ^2/NDF : 16427810.1/9

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

Right Out: -0.851+/-0.000 χ^2/NDF : 18317387.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

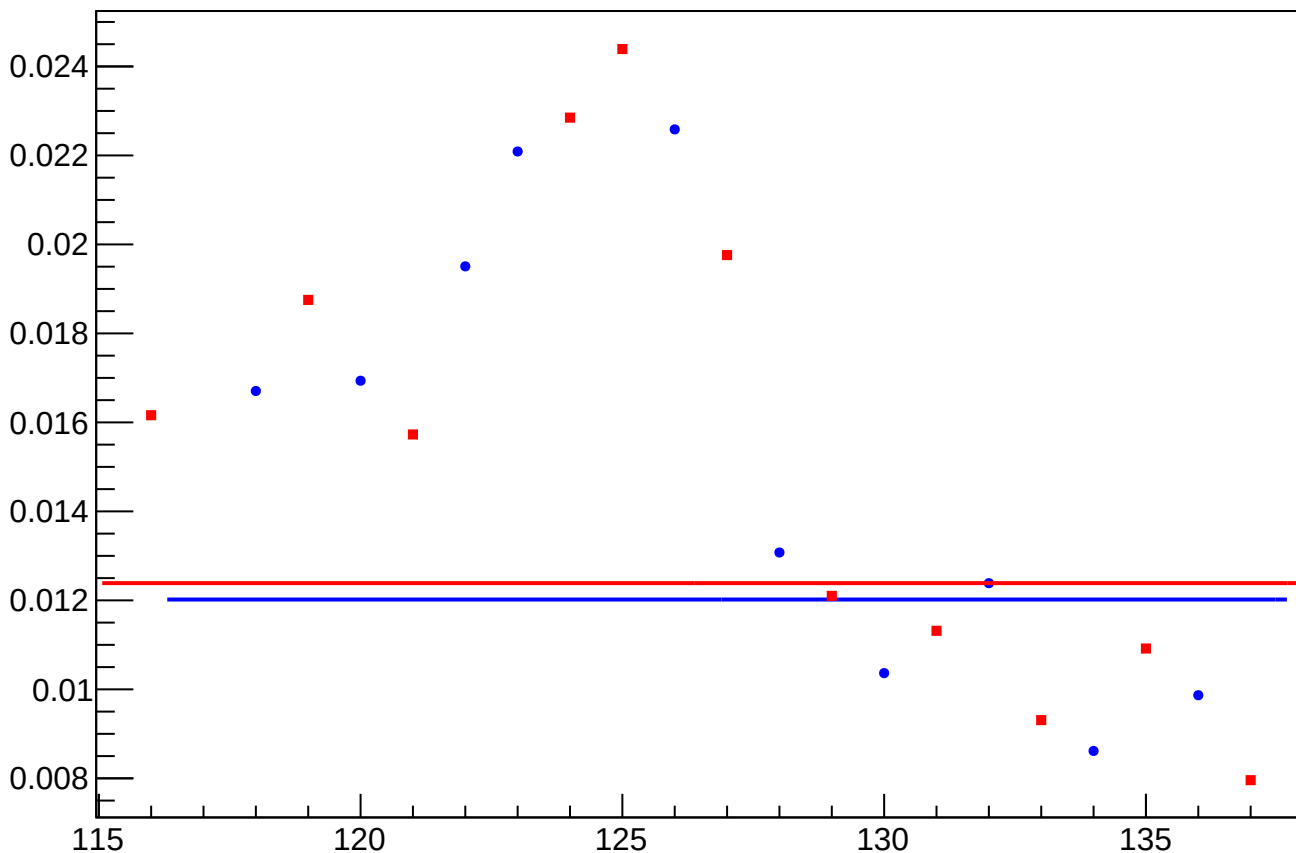
Right: -0.851+/-0.000 χ^2/NDF : 34751043.5/20

In: -0.851+/-0.000 χ^2/NDF :16427810.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.851+/-0.000 χ^2/NDF : 34751043.5/20

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 539952.9/9

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

Right Out: 0.012+/-0.000 χ^2/NDF : 699239.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

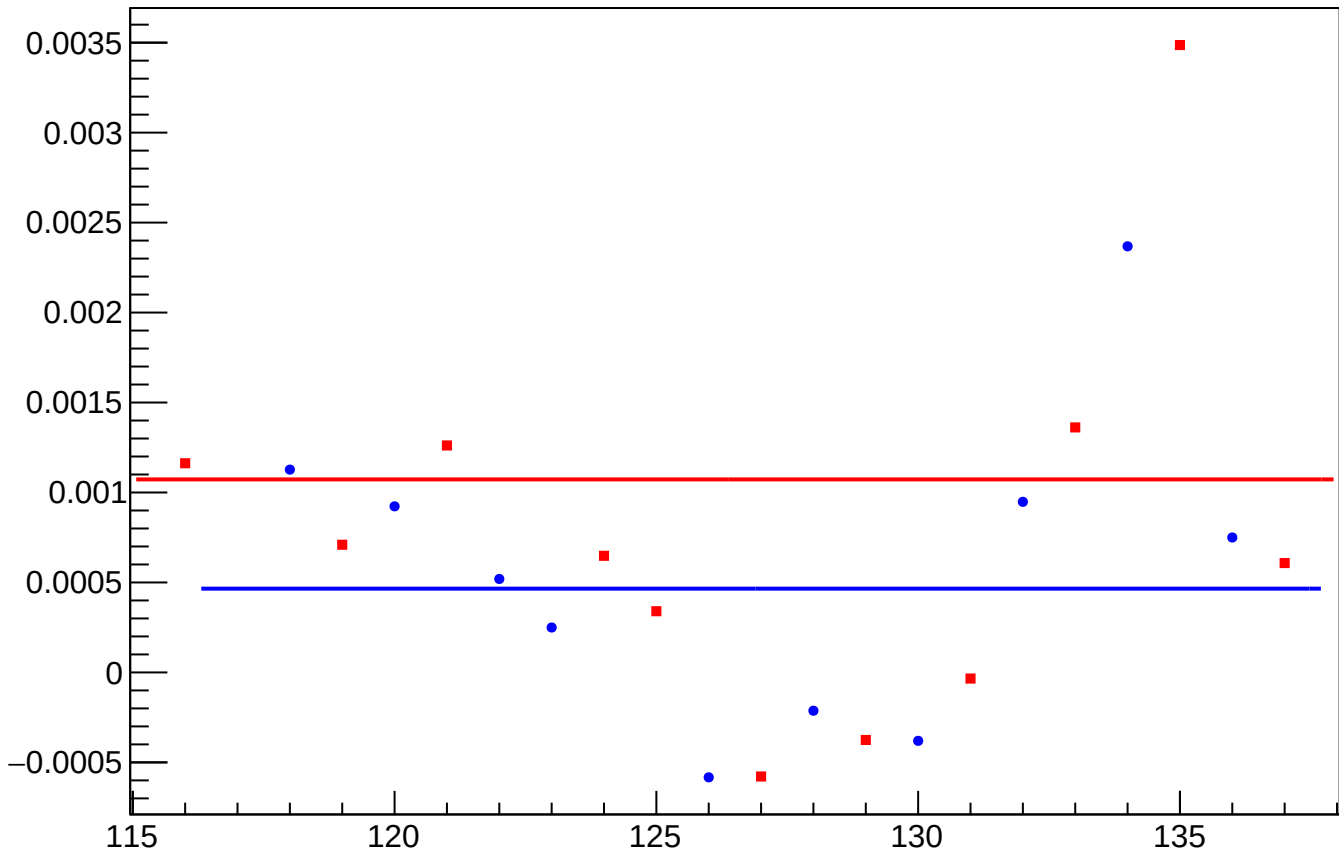
Right: 0.012+/-0.000 χ^2/NDF : 1242214.0/20

In: 0.012+/-0.000 χ^2/NDF : 539952.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1242214.0/20

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 588192.7/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2098553.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

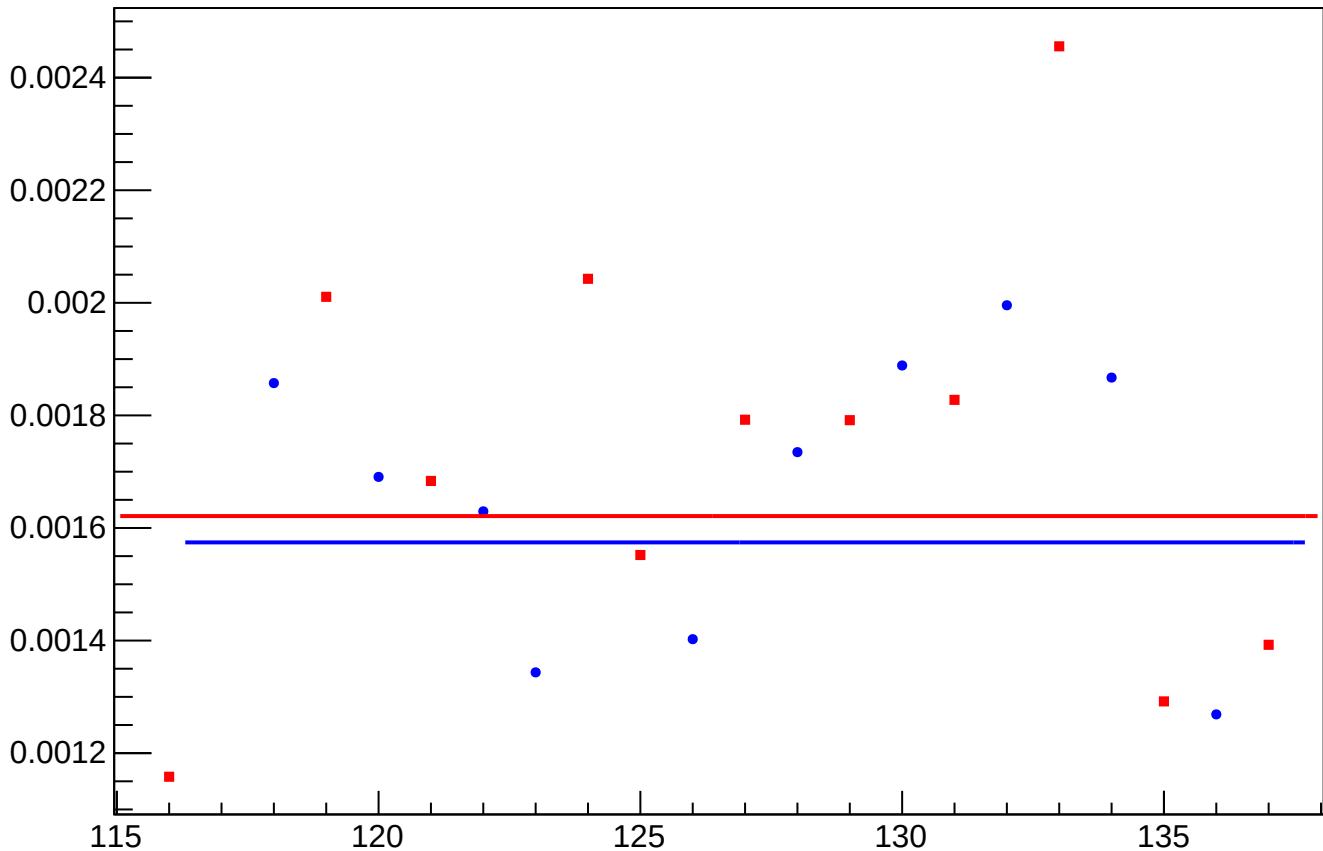
Right: 0.001+/-0.000 χ^2/NDF : 2914857.1/20

In: 0.000+/-0.000 χ^2/NDF : 588192.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2914857.1/20

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 177334.0/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 267597.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

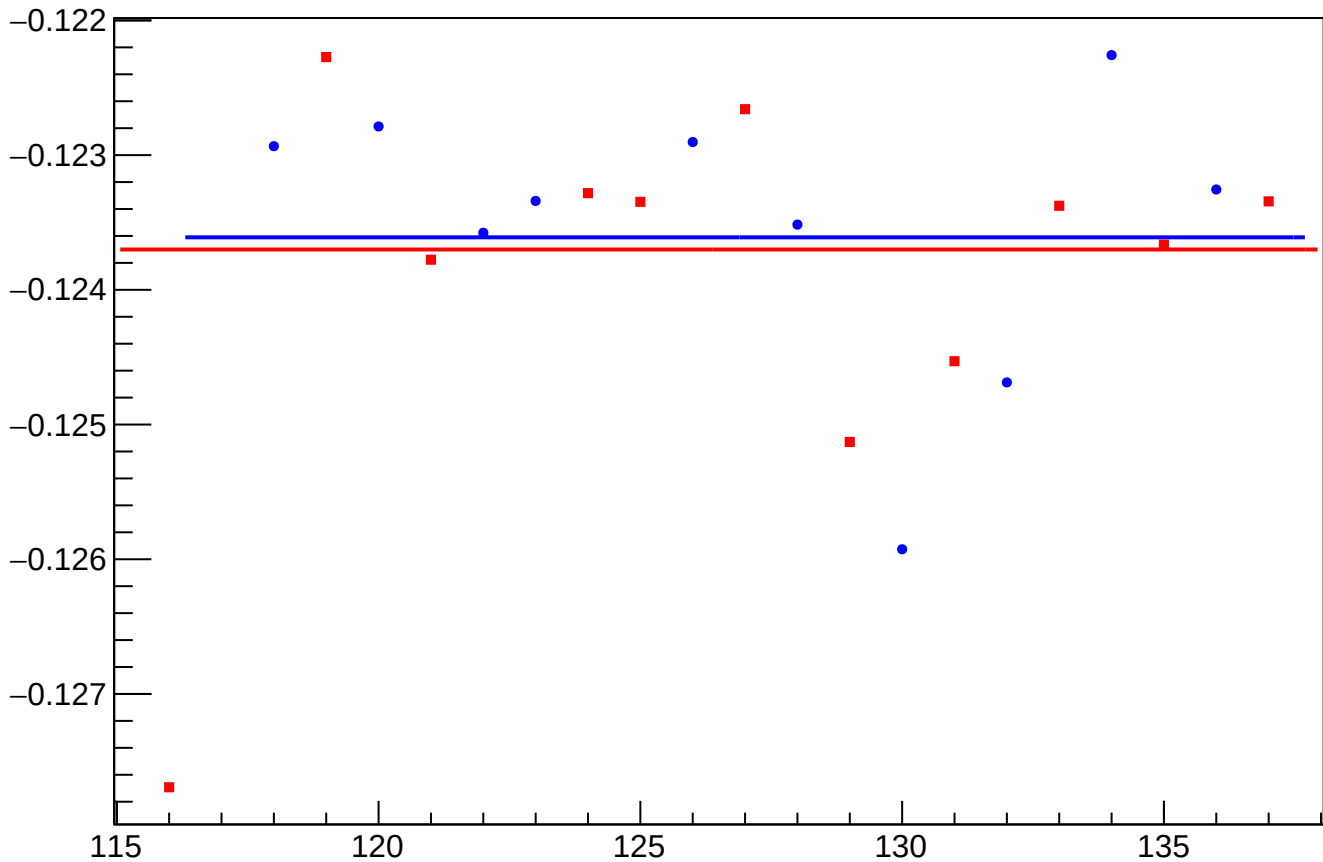
Right: 0.002+/-0.000 χ^2/NDF : 447636.9/20

In: 0.002+/-0.000 χ^2/NDF :177334.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 447636.9/20

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.124+/-0.000 χ^2/NDF : 1719935.0/9

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

Right Out: -0.124+/-0.000 χ^2/NDF : 2028852.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

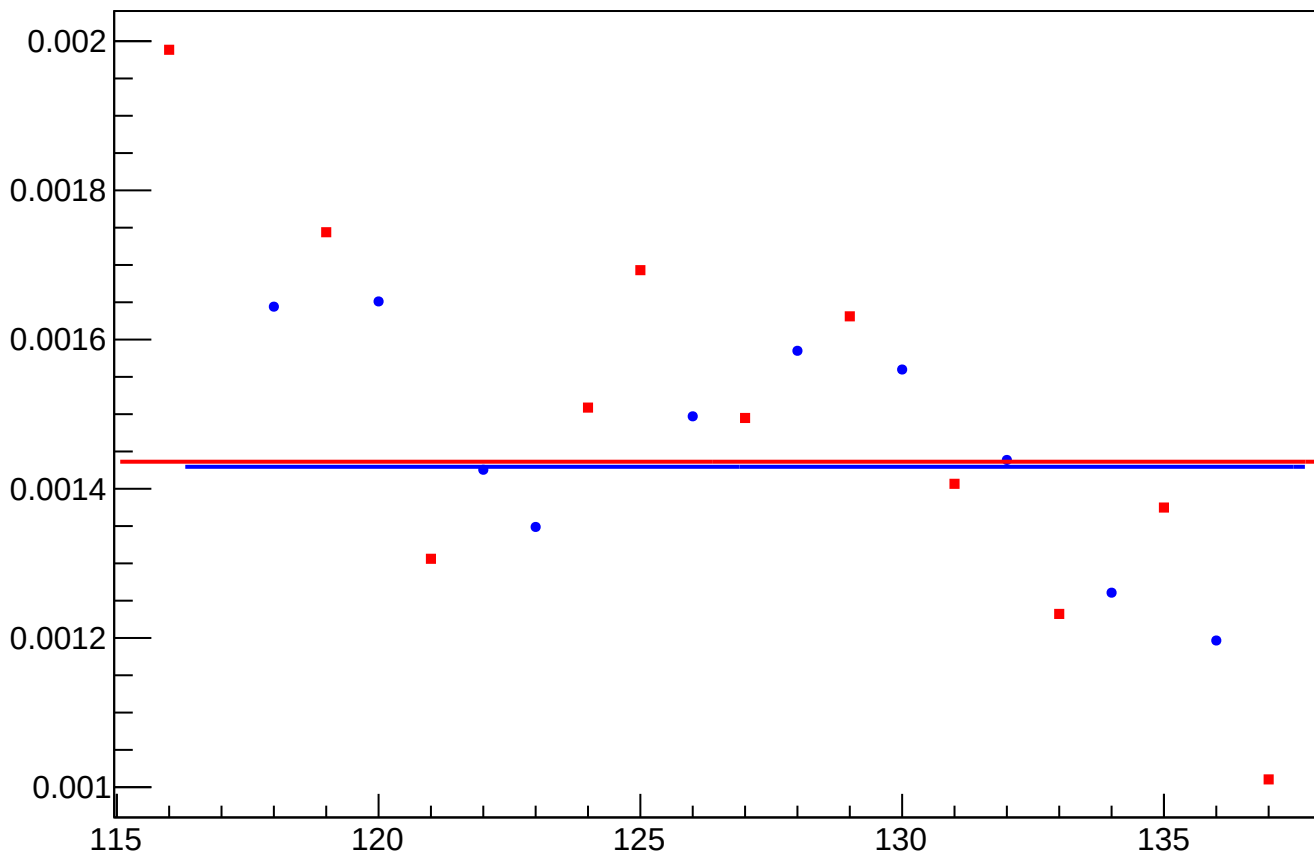
Right: -0.124+/-0.000 χ^2/NDF : 3755856.6/20

In: -0.124+/-0.000 χ^2/NDF :1719935.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.124+/-0.000 χ^2/NDF : 3755856.6/20

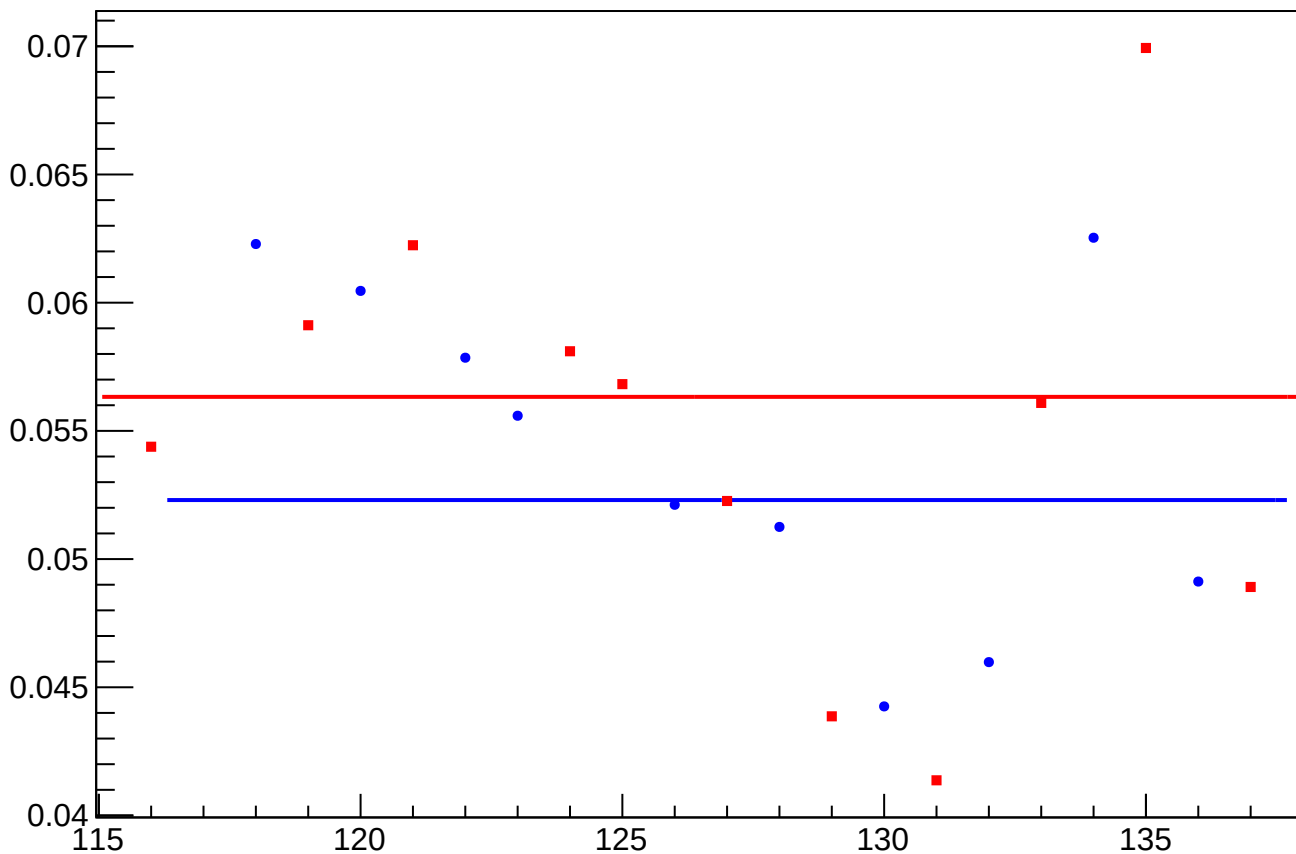
yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 98012.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 178348.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 276440.8/20
 In: 0.001+/-0.000 χ^2/NDF : 98012.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 276440.8/20

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.000 χ^2/NDF : 1226379.9/9

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

Right Out: 0.056+/-0.000 χ^2/NDF : 2786421.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

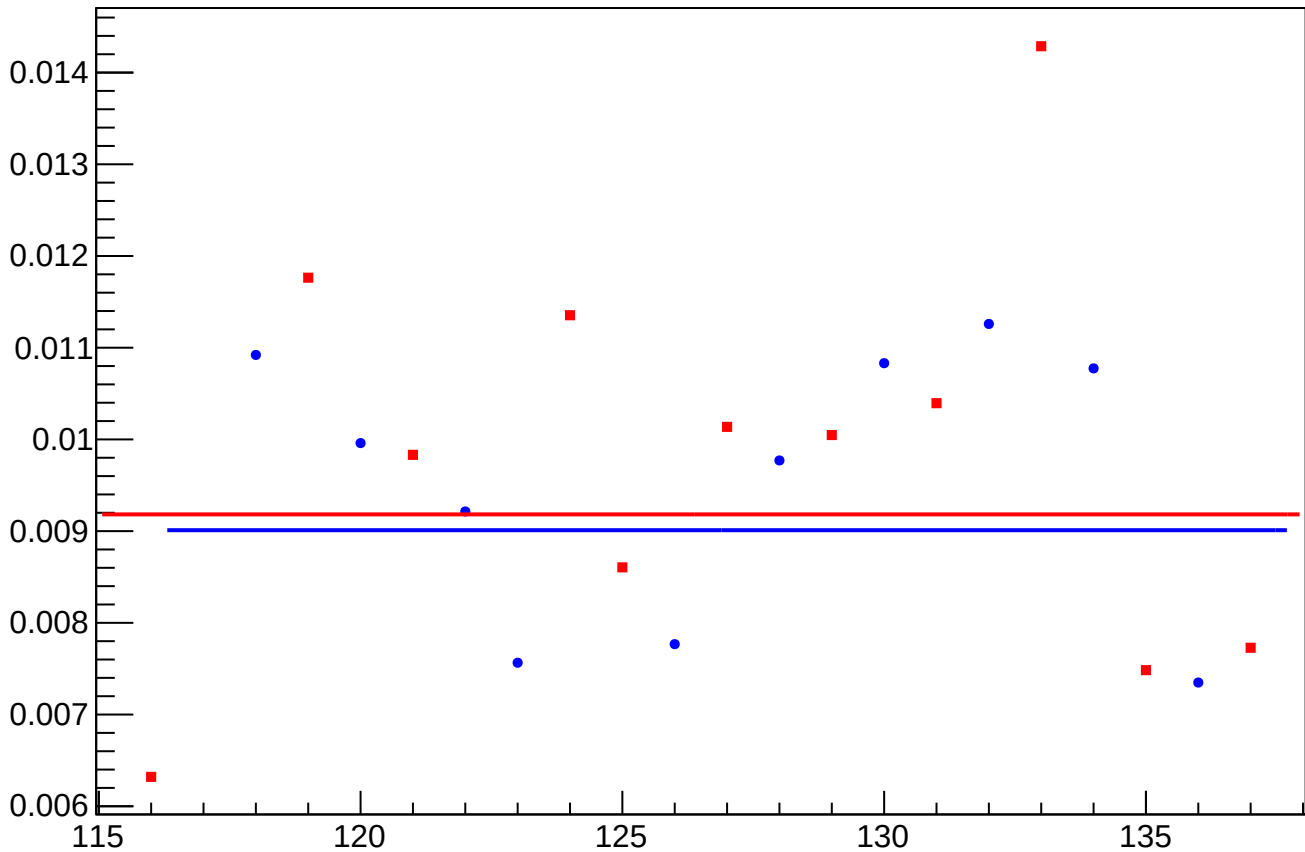
Right: 0.054+/-0.000 χ^2/NDF : 4321303.0/20

In: 0.052+/-0.000 χ^2/NDF :1226379.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.054+/-0.000 χ^2/NDF : 4321303.0/20

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 179174.9/9

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

Right Out: 0.009+/-0.000 χ^2/NDF : 296315.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

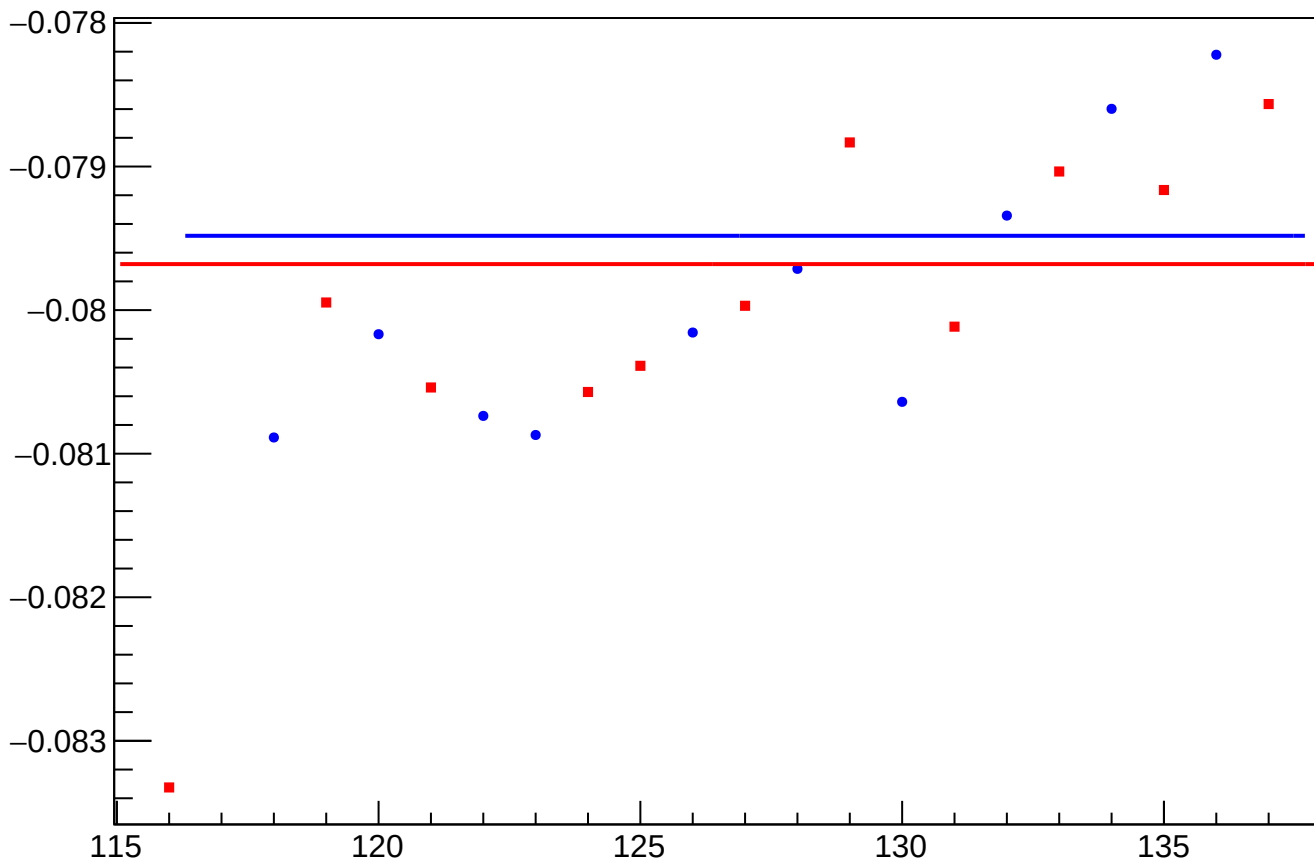
Right: 0.009+/-0.000 χ^2/NDF : 476622.9/20

In: 0.009+/-0.000 χ^2/NDF :179174.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 476622.9/20

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.000 χ^2/NDF : 11900745.2/9

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

Right Out: -0.080+/-0.000 χ^2/NDF : 6251990.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

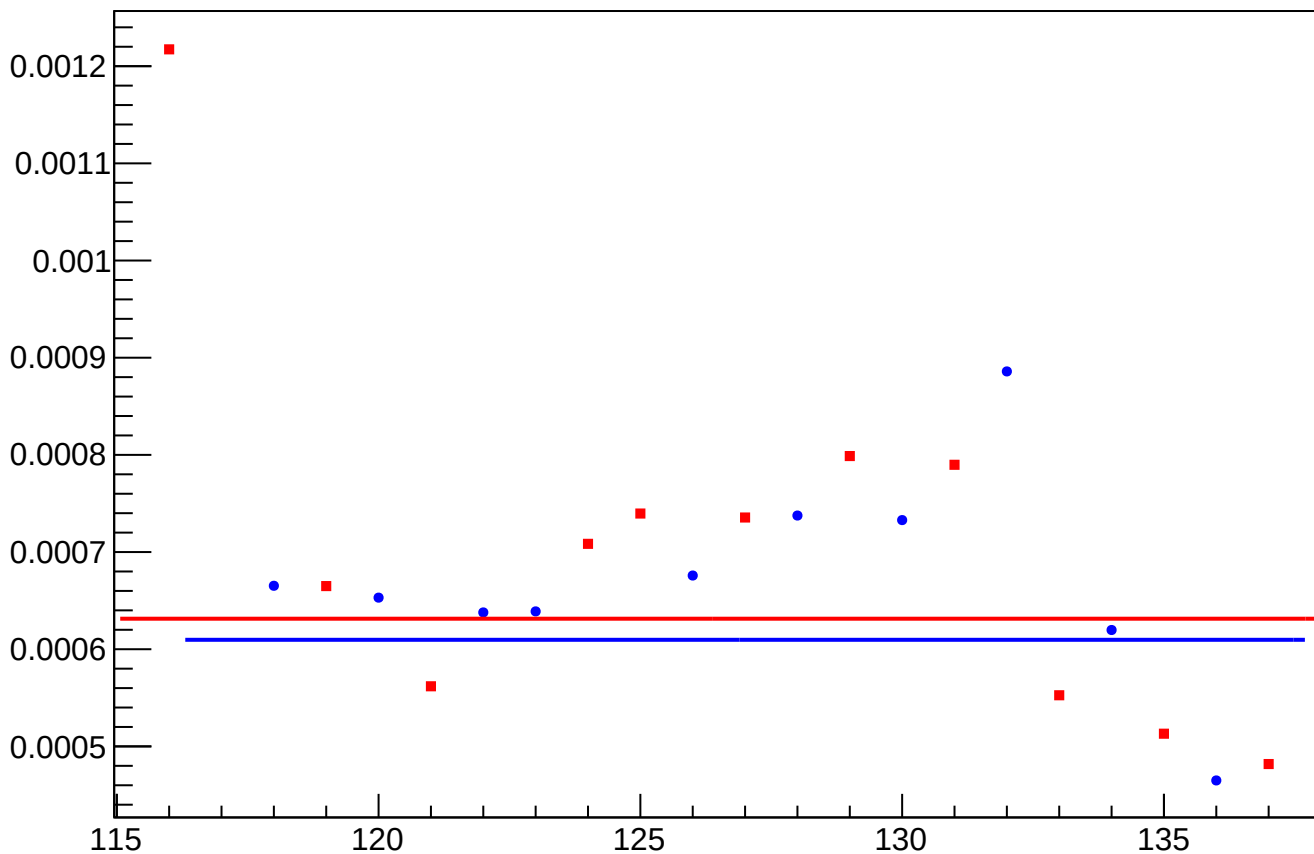
Right: -0.080+/-0.000 χ^2/NDF : 18336247.5/20

In: -0.079+/-0.000 χ^2/NDF :11900745.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.080+/-0.000 χ^2/NDF : 18336247.5/20

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 299802.2/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 323466.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

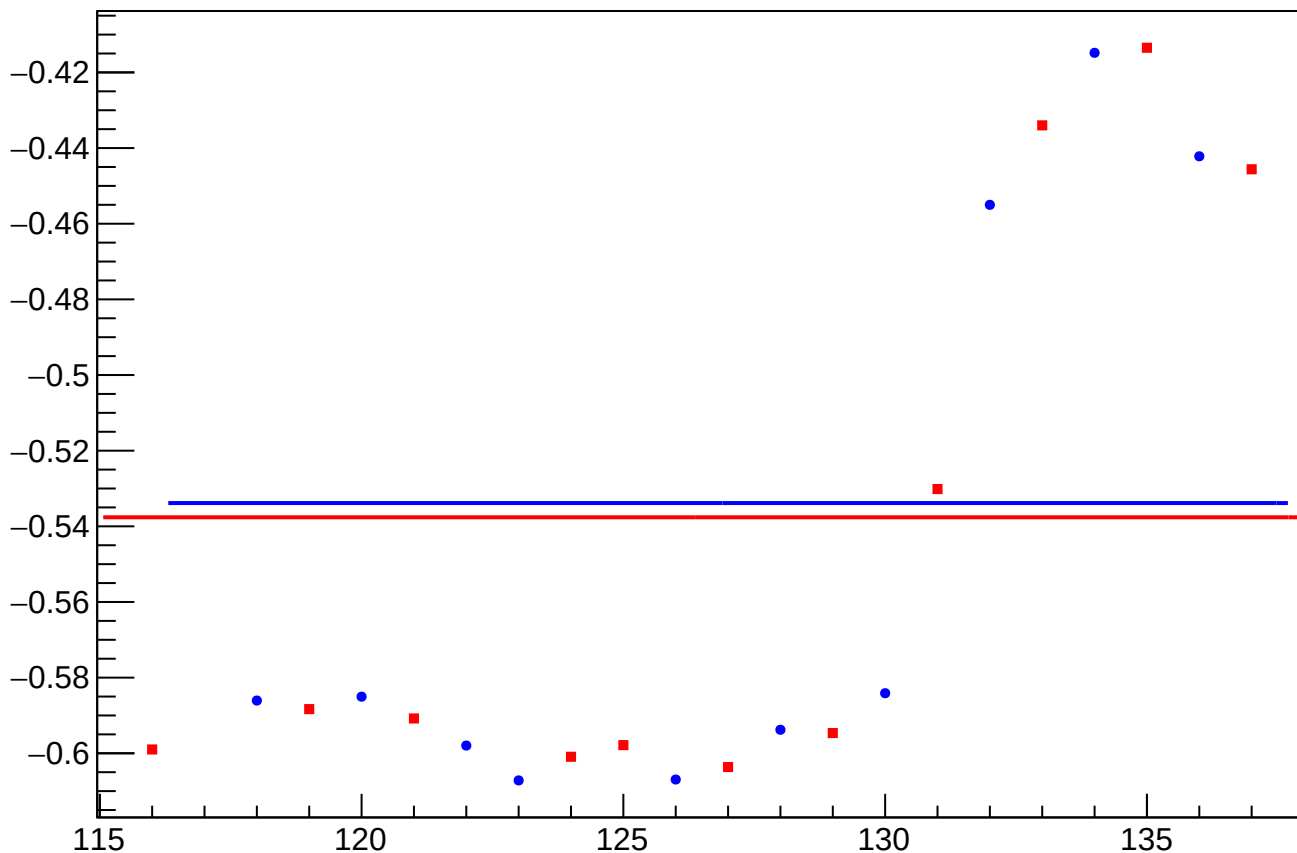
Right: 0.001+/-0.000 χ^2/NDF : 627719.9/20

In: 0.001+/-0.000 χ^2/NDF : 299802.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 627719.9/20

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.534+/-0.000 χ^2/NDF : 42558087.9/9

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

Right Out: -0.538+/-0.000 χ^2/NDF : 44373424.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

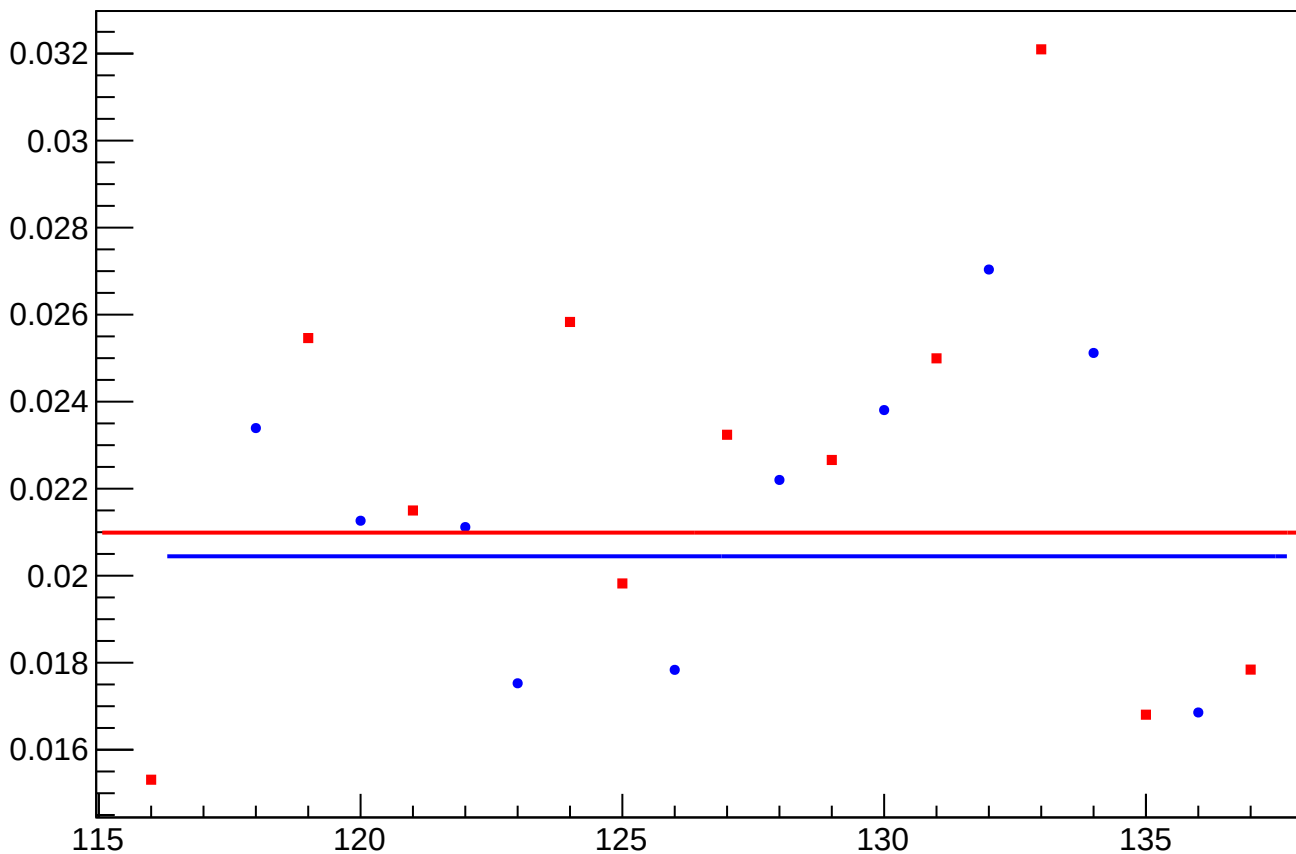
Right: -0.536+/-0.000 χ^2/NDF : 86983775.4/20

In: -0.534+/-0.000 χ^2/NDF :42558087.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.536+/-0.000 χ^2/NDF : 86983775.4/20

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 159709.5/9

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

Right Out: 0.021+/-0.000 χ^2/NDF : 259264.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

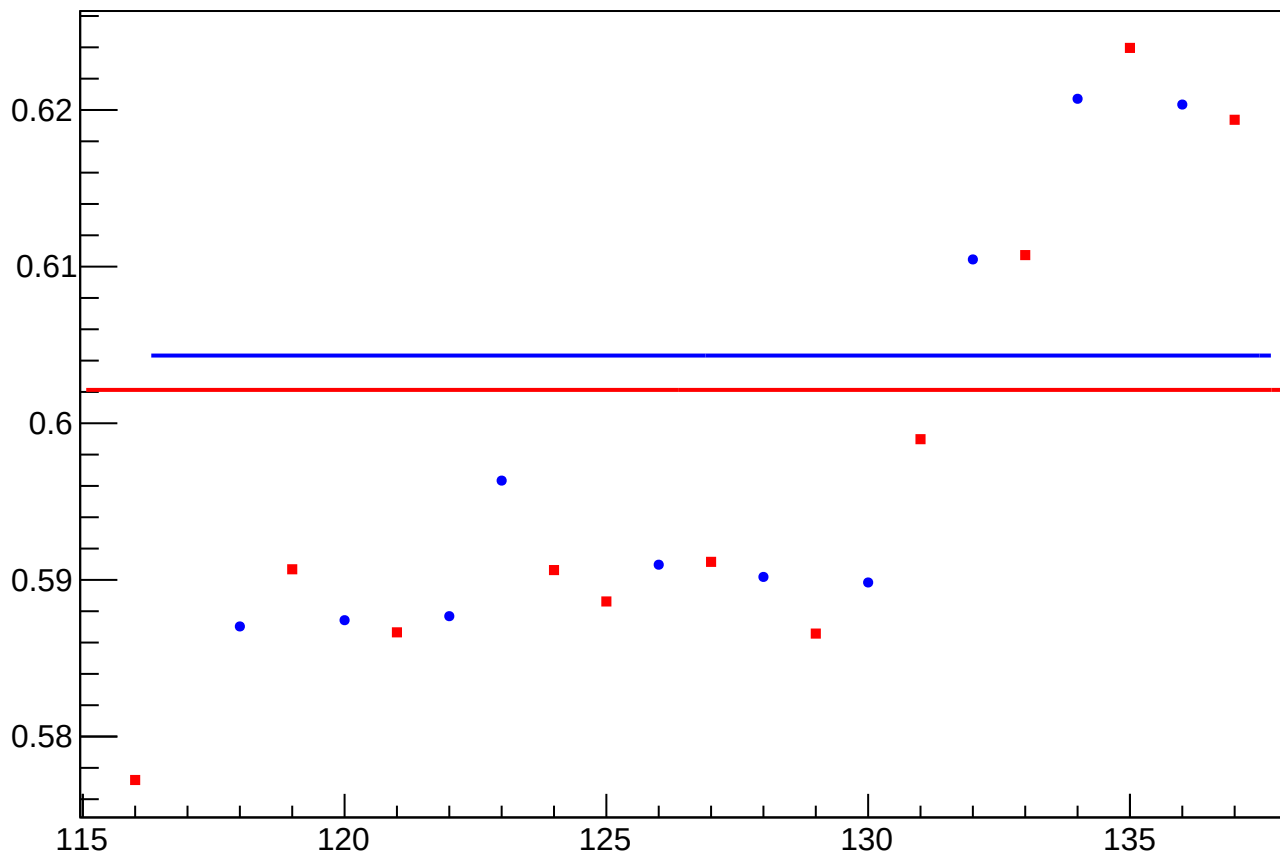
Right: 0.021+/-0.000 χ^2/NDF : 421155.8/20

In: 0.020+/-0.000 χ^2/NDF : 159709.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 421155.8/20

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.604+/-0.000 χ^2/NDF : 5296747.2/9

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

Right Out: 0.602+/-0.000 χ^2/NDF : 4891163.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

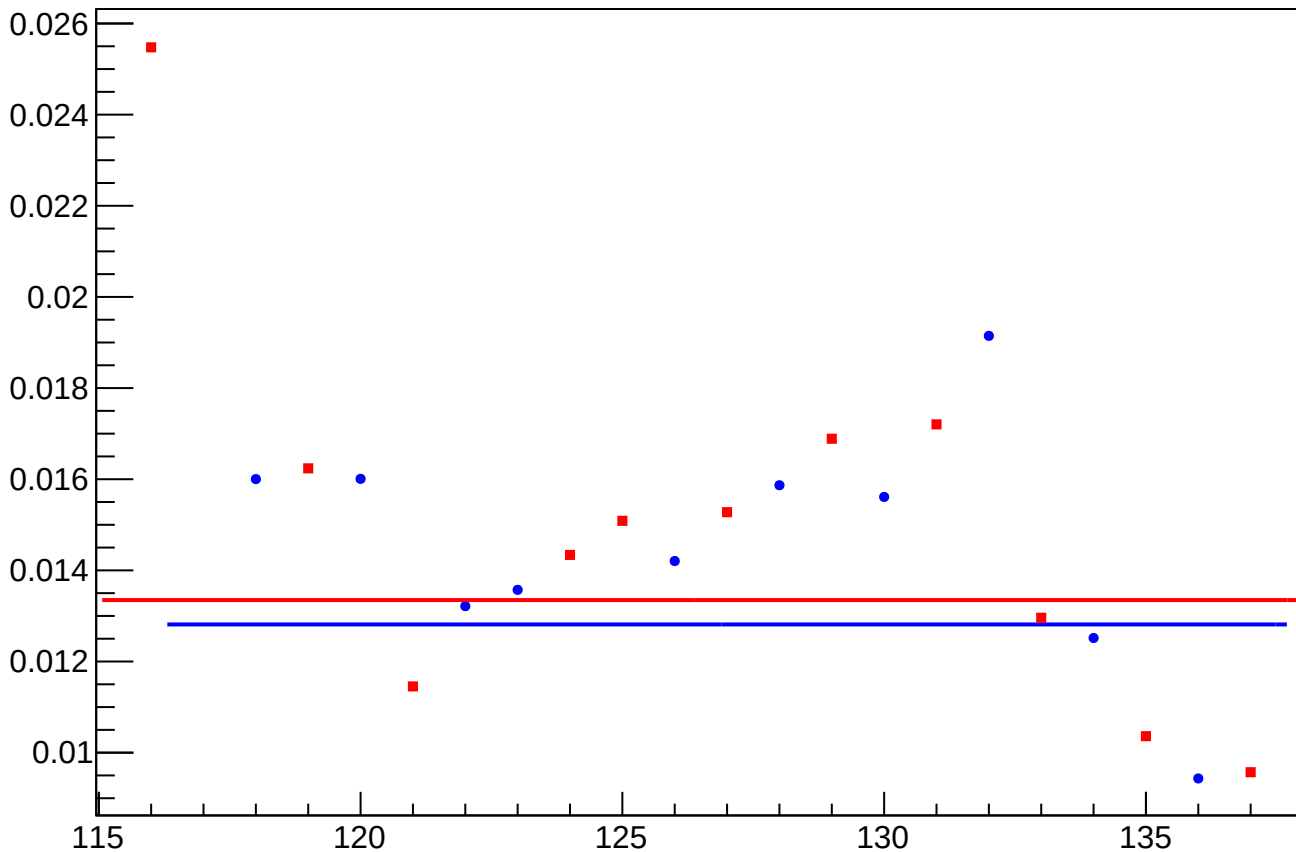
Right: 0.603+/-0.000 χ^2/NDF : 10239261.4/20

In: 0.604+/-0.000 χ^2/NDF : 5296747.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.603+/-0.000 χ^2/NDF : 10239261.4/20

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 425817.1/9

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

Right Out: 0.013+/-0.000 χ^2/NDF : 393728.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

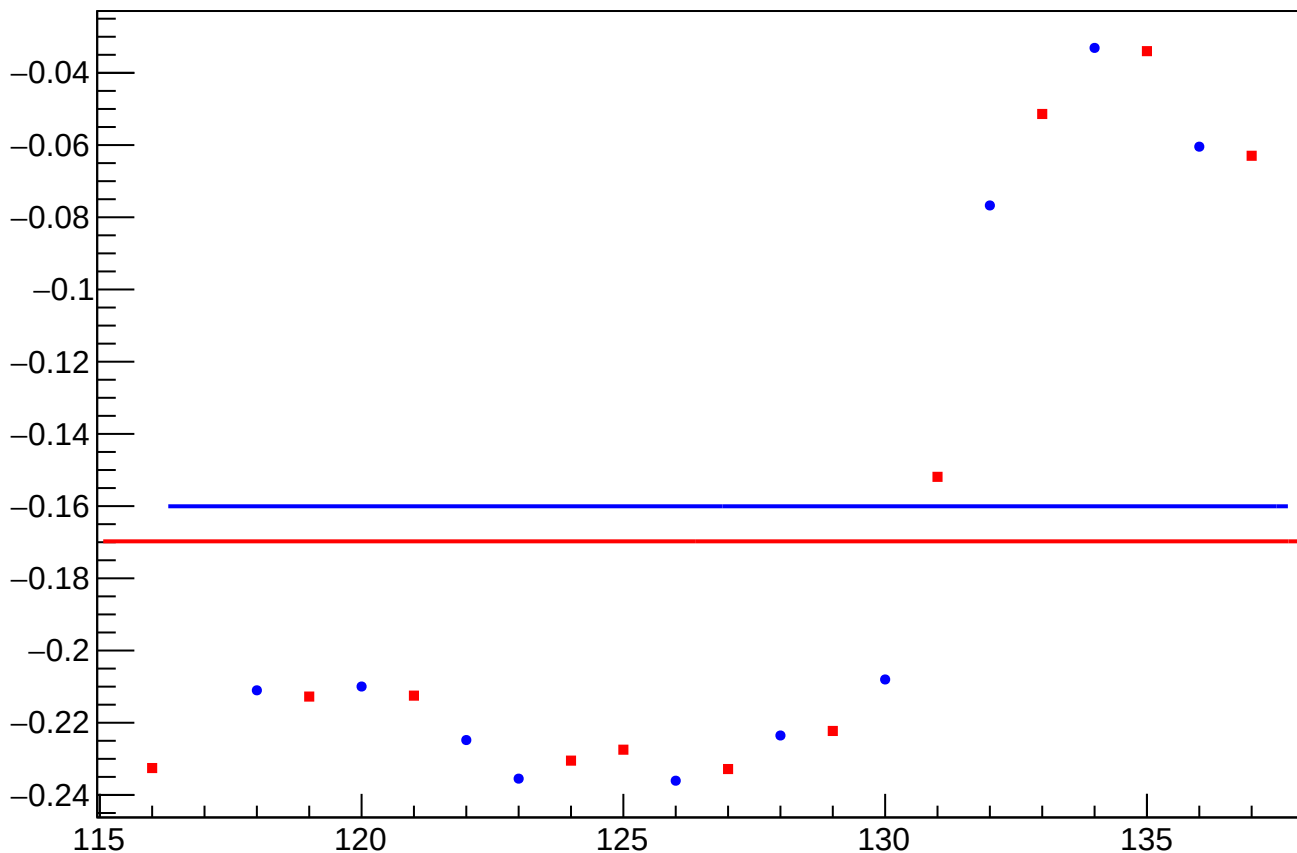
Right: 0.013+/-0.000 χ^2/NDF : 825660.4/20

In: 0.013+/-0.000 χ^2/NDF : 425817.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 825660.4/20

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.160+/-0.000 χ^2/NDF : 60292481.4/9

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

Right Out: -0.170+/-0.000 χ^2/NDF : 59035539.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

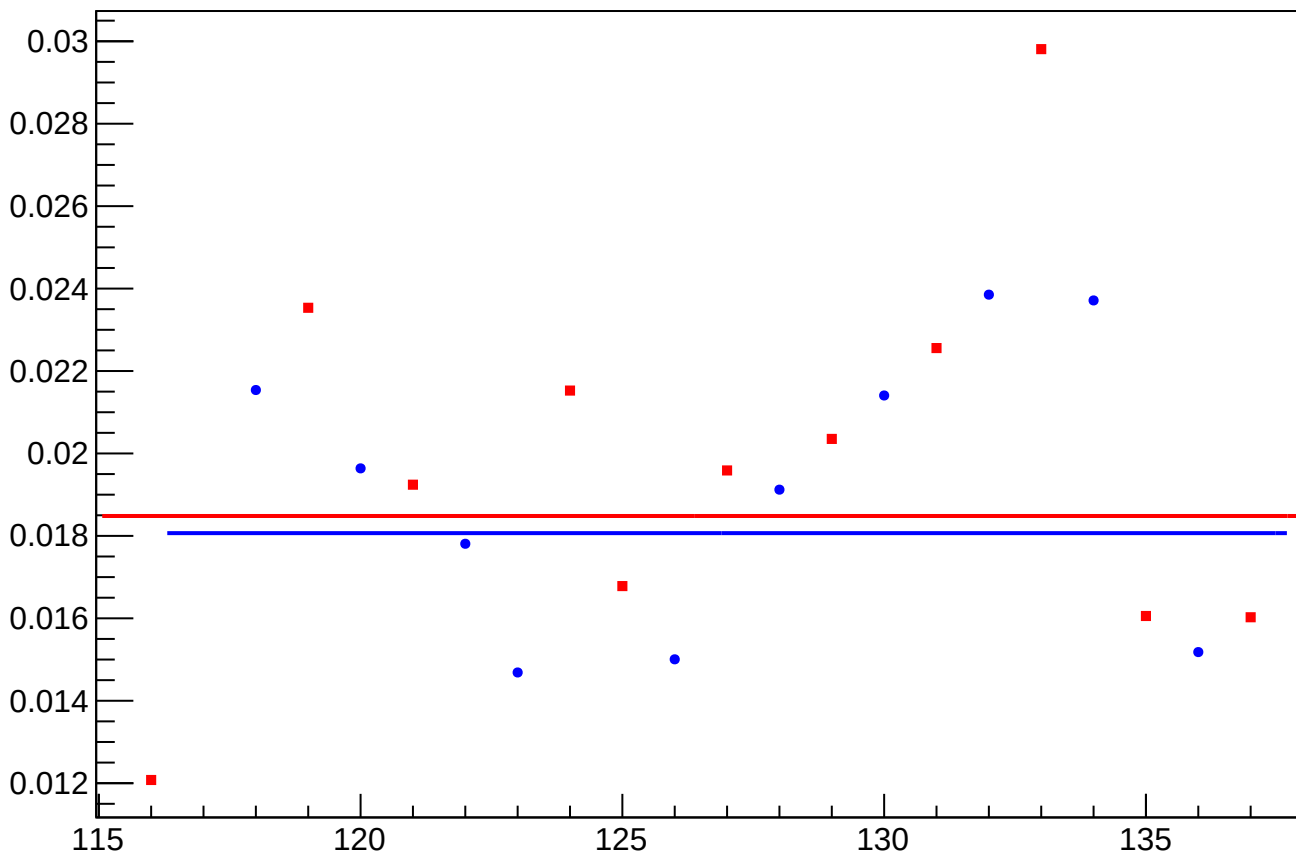
Right: -0.165+/-0.000 χ^2/NDF : 119772816.8/20

In: -0.160+/-0.000 χ^2/NDF :60292481.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.165+/-0.000 χ^2/NDF : 119772816.8/20

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 178991.7/9

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

Right Out: 0.018+/-0.000 χ^2/NDF : 316517.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

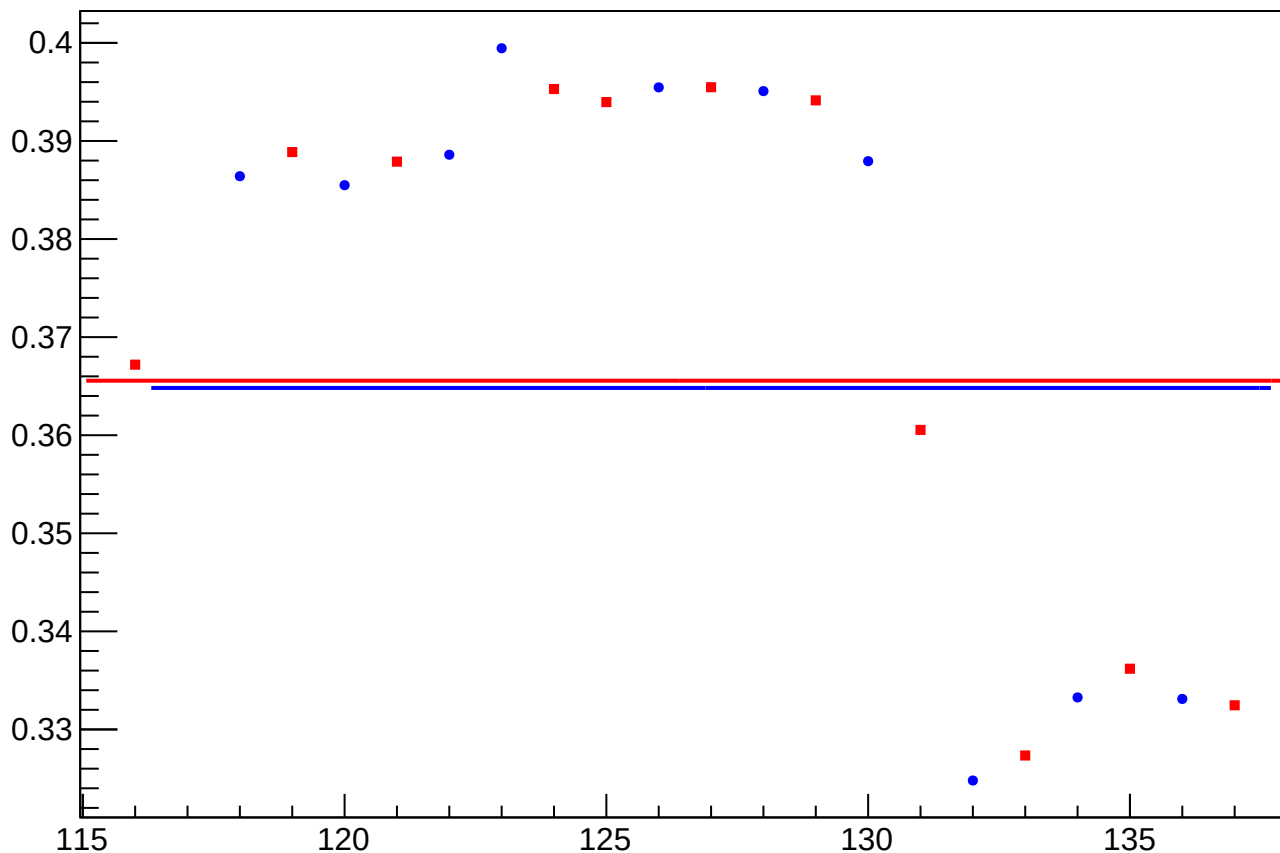
Right: 0.018+/-0.000 χ^2/NDF : 497143.2/20

In: 0.018+/-0.000 χ^2/NDF :178991.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.000 χ^2/NDF : 497143.2/20

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.365+/-0.000 χ^2/NDF : 23589328.4/9

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

Right Out: 0.366+/-0.000 χ^2/NDF : 21096025.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

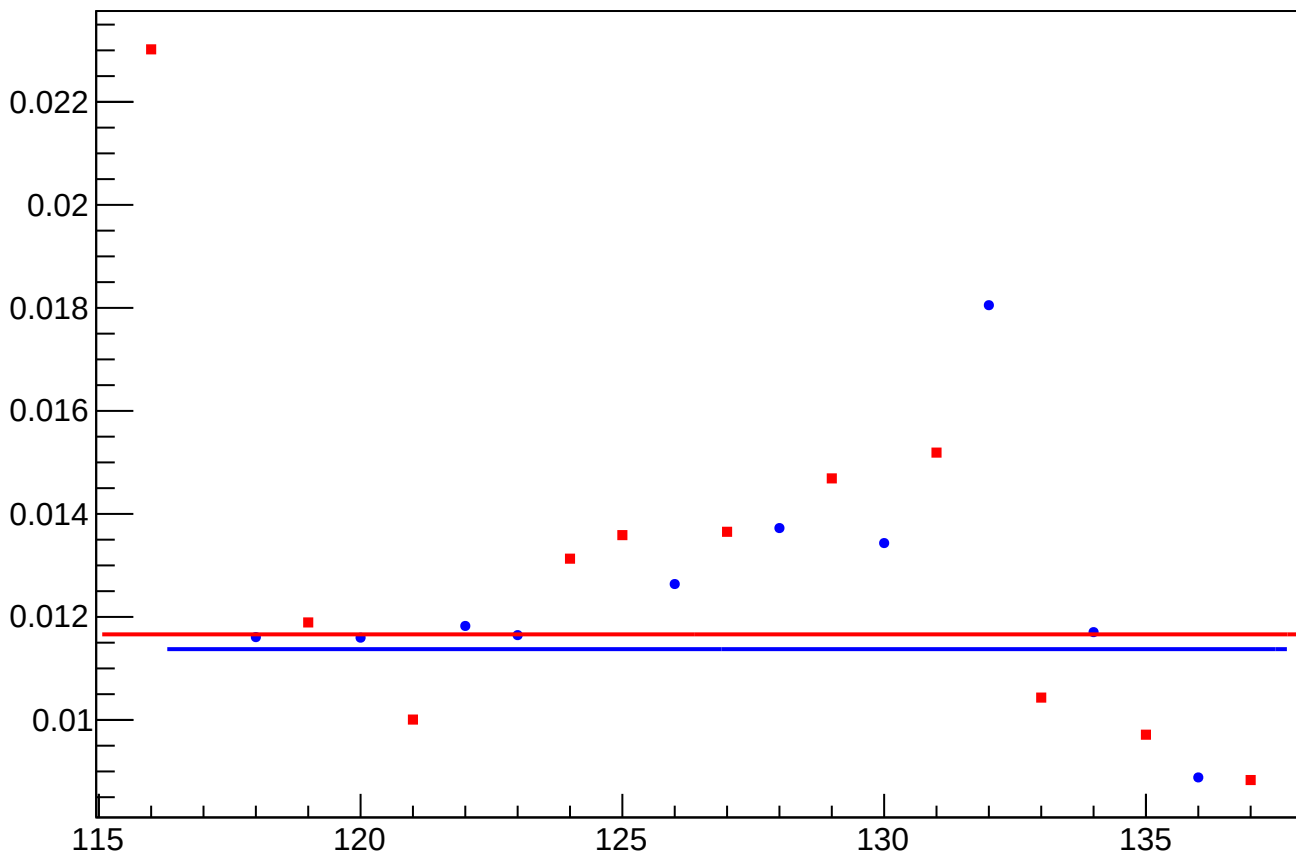
Right: 0.365+/-0.000 χ^2/NDF : 44692808.5/20

In: 0.365+/-0.000 χ^2/NDF : 23589328.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.365+/-0.000 χ^2/NDF : 44692808.5/20

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 288156.2/9

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

Right Out: 0.012+/-0.000 χ^2/NDF : 330208.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

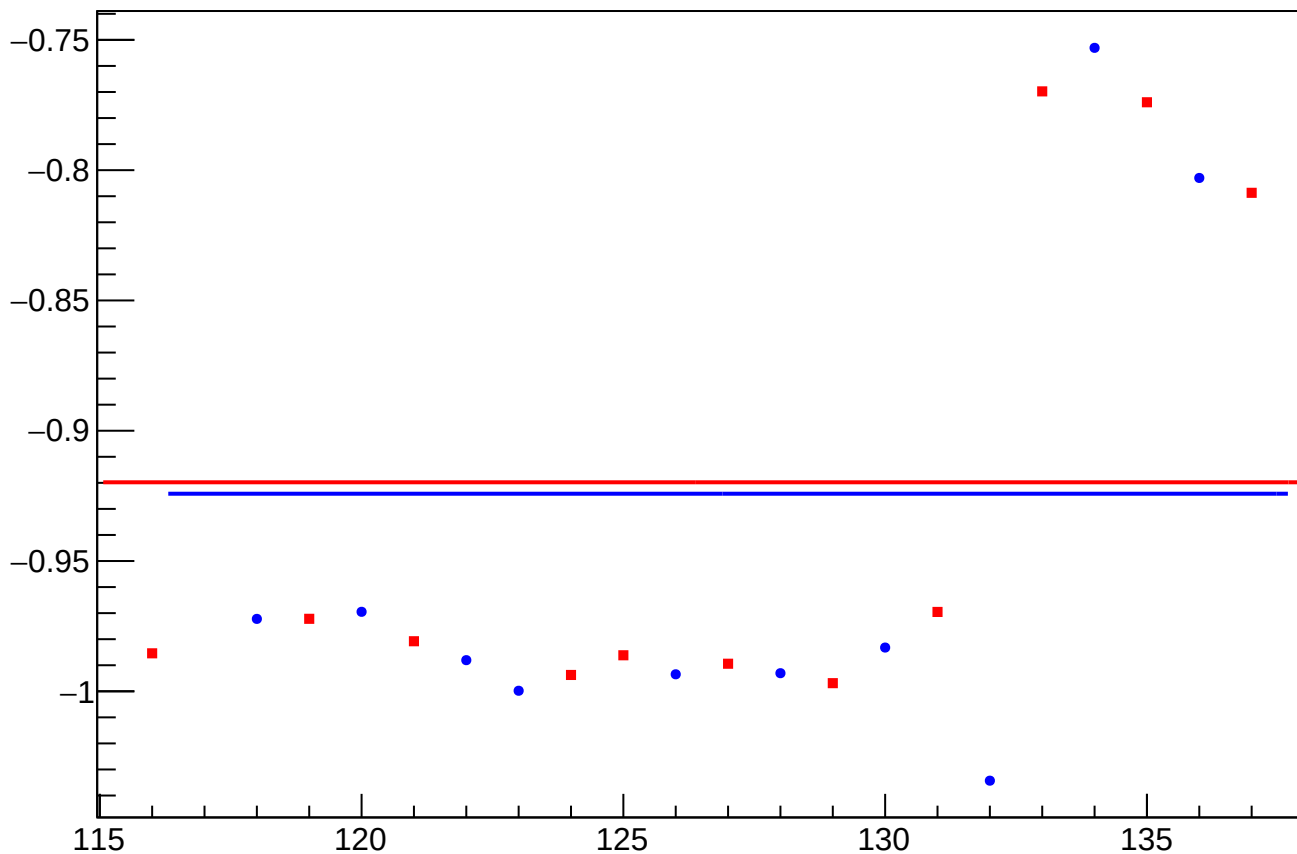
Right: 0.012+/-0.000 χ^2/NDF : 620624.1/20

In: 0.011+/-0.000 χ^2/NDF :288156.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 620624.1/20

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.924+/-0.000 χ^2/NDF : 66464073.7/9

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

Right Out: -0.920+/-0.000 χ^2/NDF : 66371306.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

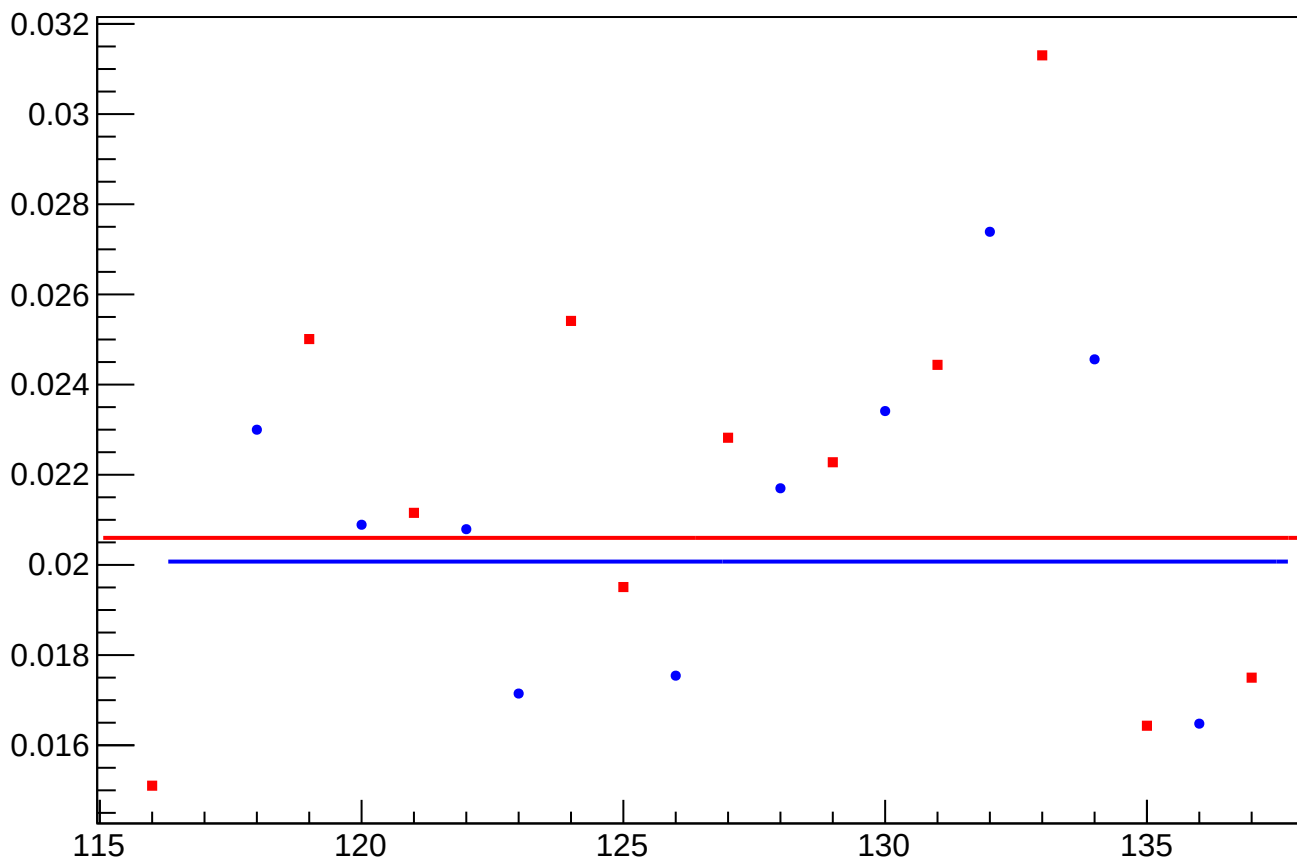
Right: -0.922+/-0.000 χ^2/NDF : 132908874.5/20

In: -0.924+/-0.000 χ^2/NDF :66464073.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.922+/-0.000 χ^2/NDF : 132908874.5/20

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 170756.3/9

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

Right Out: 0.021+/-0.000 χ^2/NDF : 256851.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

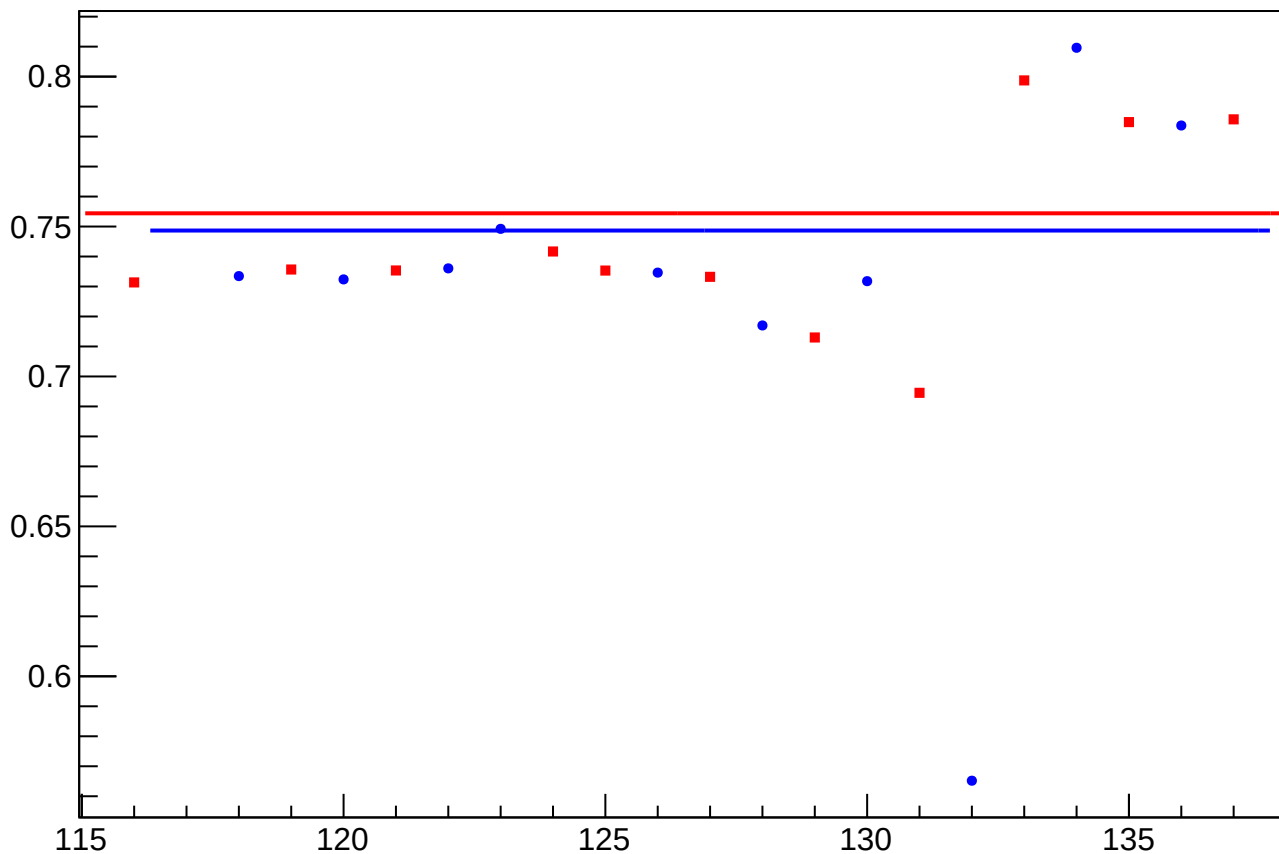
Right: 0.020+/-0.000 χ^2/NDF : 429717.9/20

In: 0.020+/-0.000 χ^2/NDF : 170756.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 429717.9/20

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.749+/-0.000 χ^2/NDF : 52459126.1/9

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

Right Out: 0.754+/-0.000 χ^2/NDF : 20427826.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

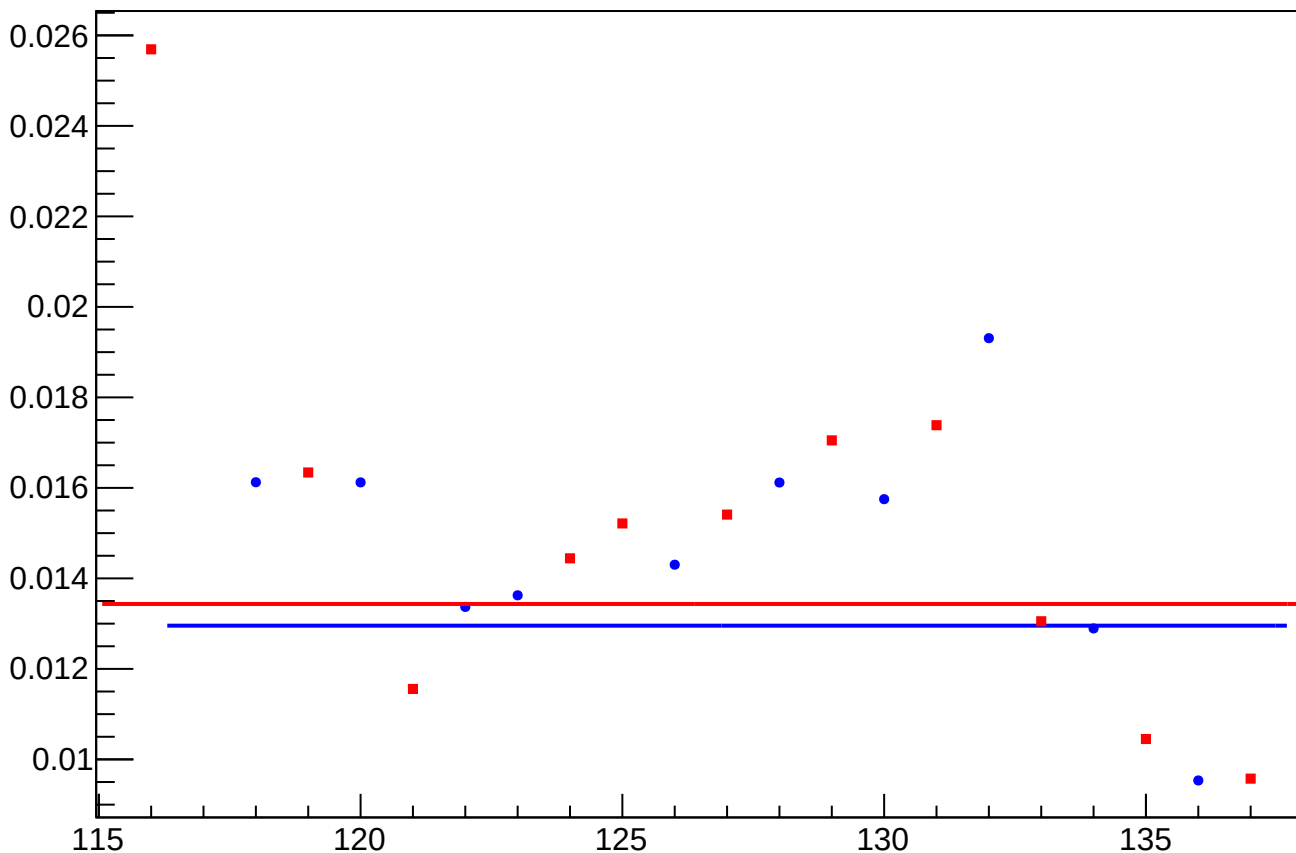
Right: 0.751+/-0.000 χ^2/NDF : 73232070.2/20

In: 0.749+/-0.000 χ^2/NDF : 52459126.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.751+/-0.000 χ^2/NDF : 73232070.2/20

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 423262.1/9

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

Right Out: 0.013+/-0.000 χ^2/NDF : 395124.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

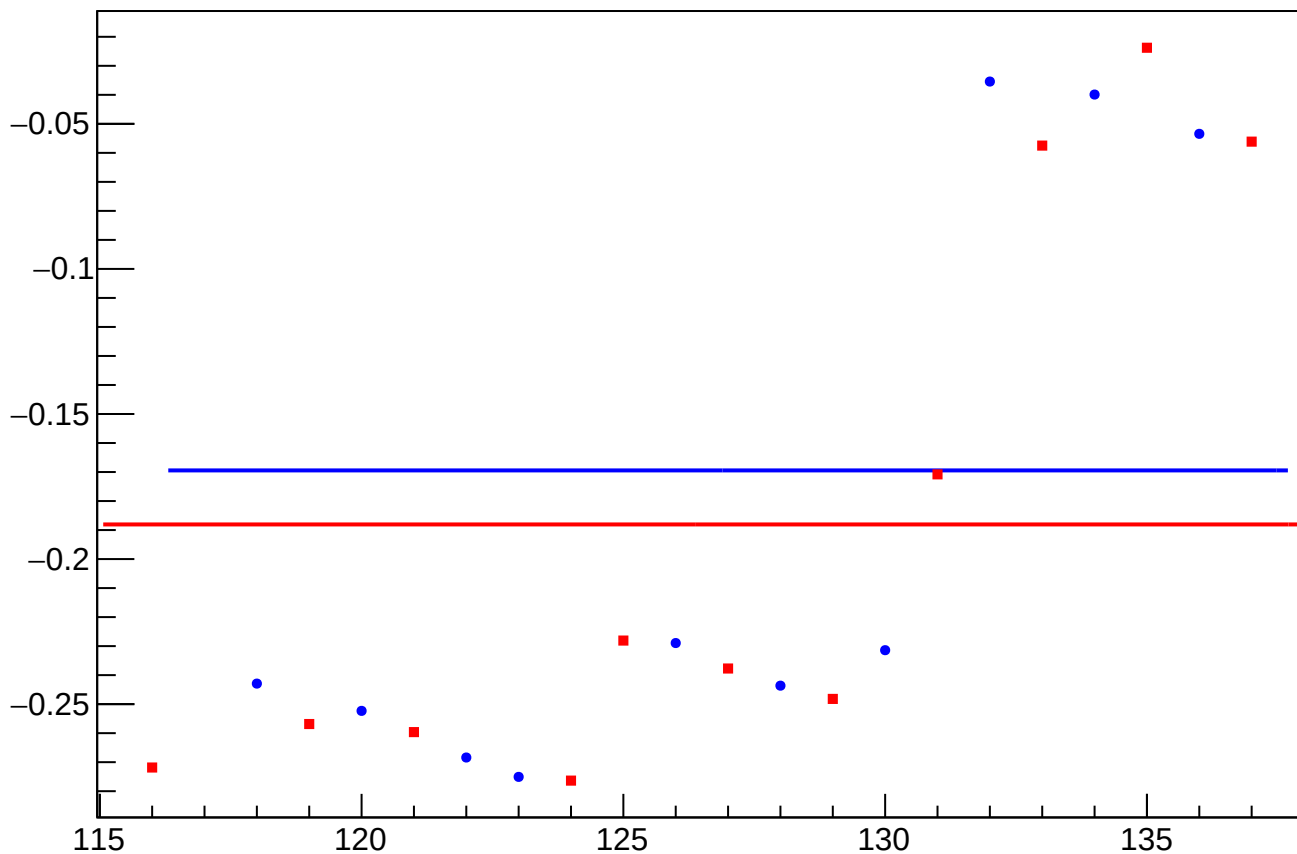
Right: 0.013+/-0.000 χ^2/NDF : 823194.2/20

In: 0.013+/-0.000 χ^2/NDF :423262.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 823194.2/20

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.169+/-0.000 χ^2/NDF : 87081387.0/9

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

Right Out: -0.188+/-0.000 χ^2/NDF : 80571794.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

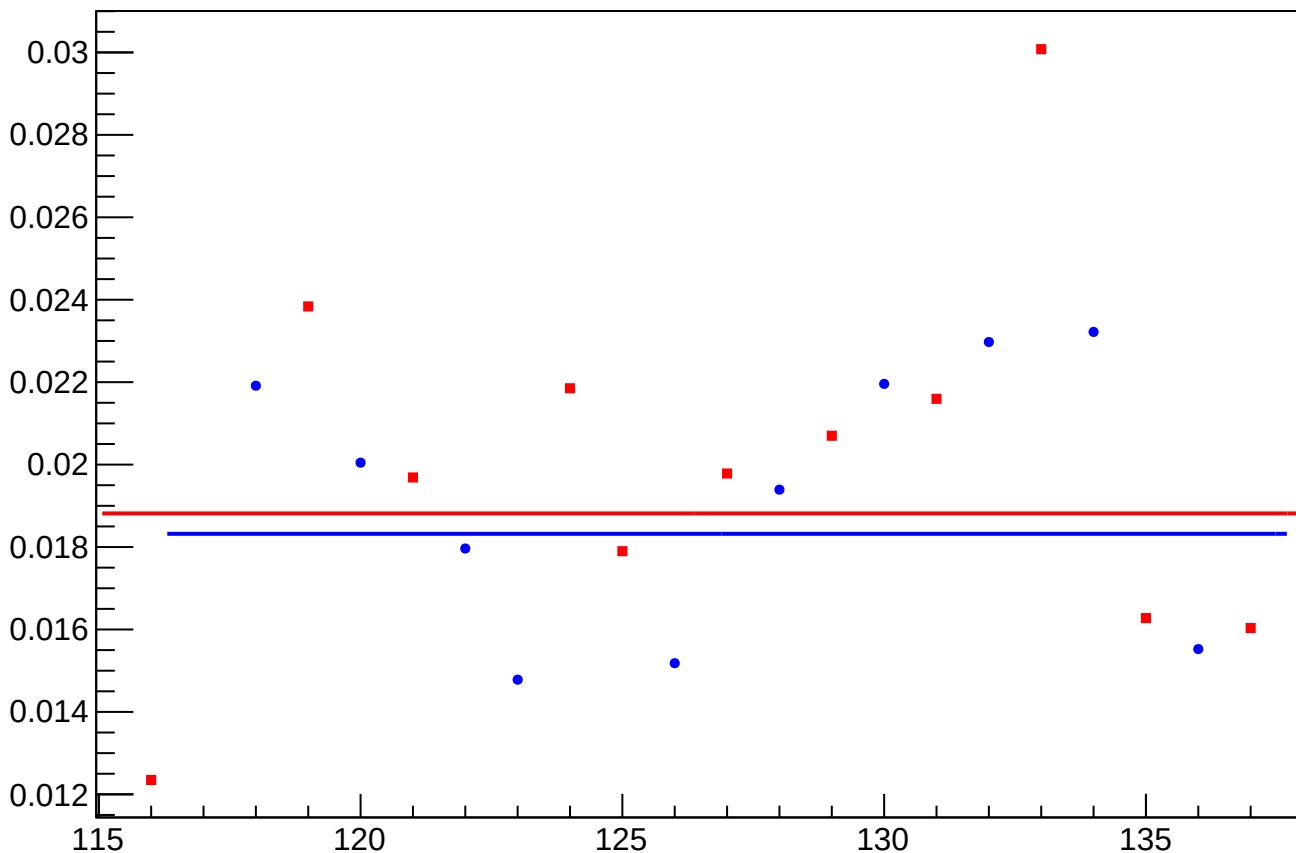
Right: -0.178+/-0.000 χ^2/NDF : 169237253.6/20

In: -0.169+/-0.000 χ^2/NDF : 87081387.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.178+/-0.000 χ^2/NDF : 169237253.6/20

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 163506.0/9

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

Right Out: 0.019+/-0.000 χ^2/NDF : 297700.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

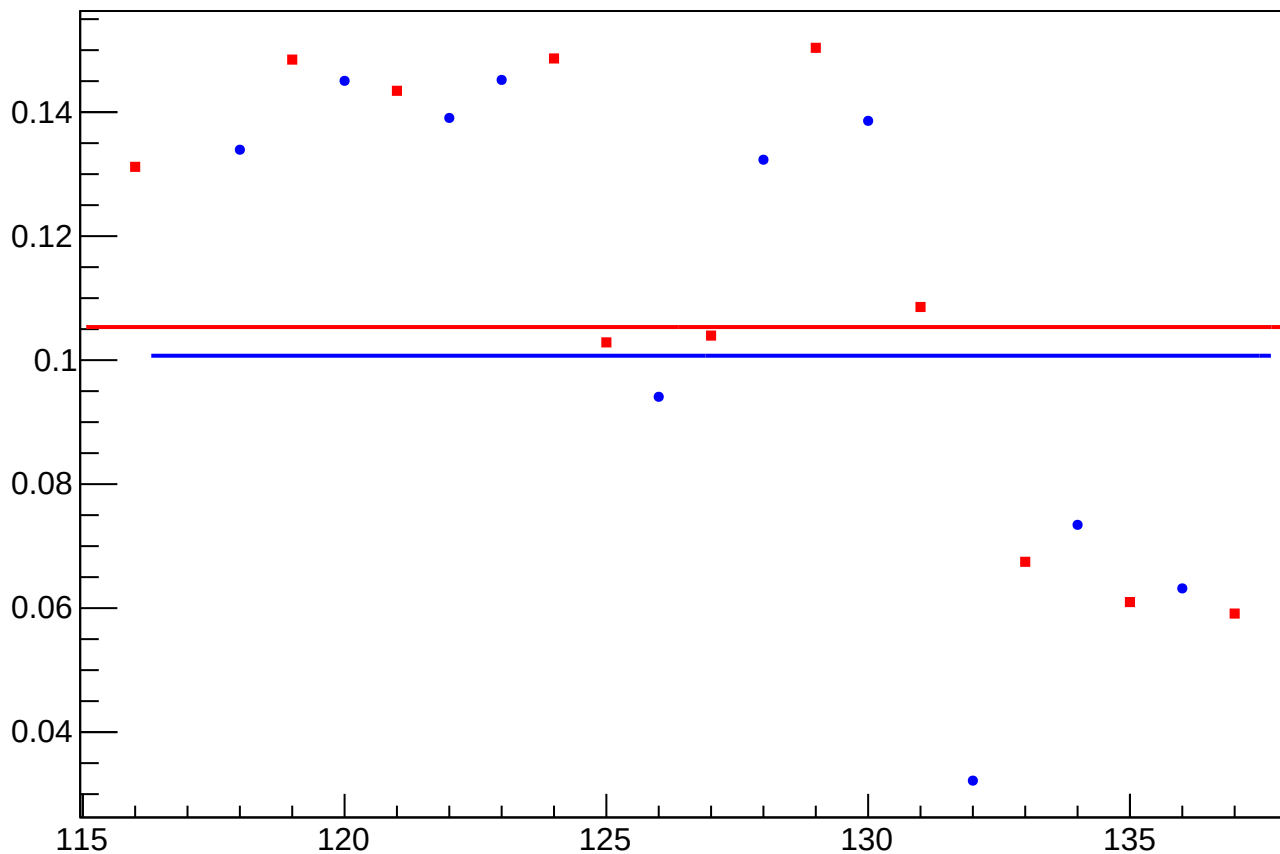
Right: 0.019+/-0.000 χ^2/NDF : 463441.4/20

In: 0.018+/-0.000 χ^2/NDF :163506.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.000 χ^2/NDF : 463441.4/20

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.101+/-0.000 χ^2/NDF : 40502992.6/9

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

Right Out: 0.105+/-0.000 χ^2/NDF : 36713868.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

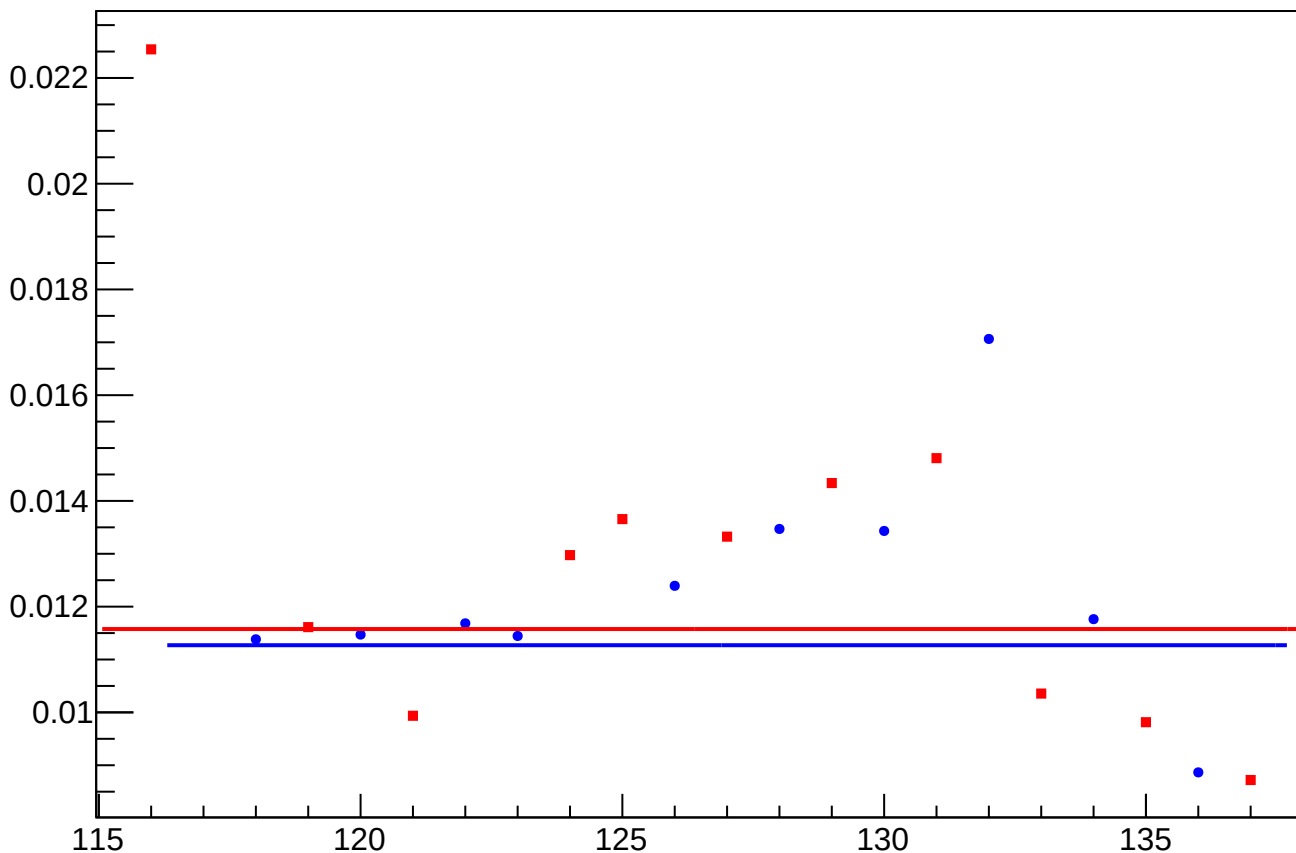
Right: 0.103+/-0.000 χ^2/NDF : 77514901.8/20

In: 0.101+/-0.000 χ^2/NDF : 40502992.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.103+/-0.000 χ^2/NDF : 77514901.8/20

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 261782.2/9

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

Right Out: 0.012+/-0.000 χ^2/NDF : 309180.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

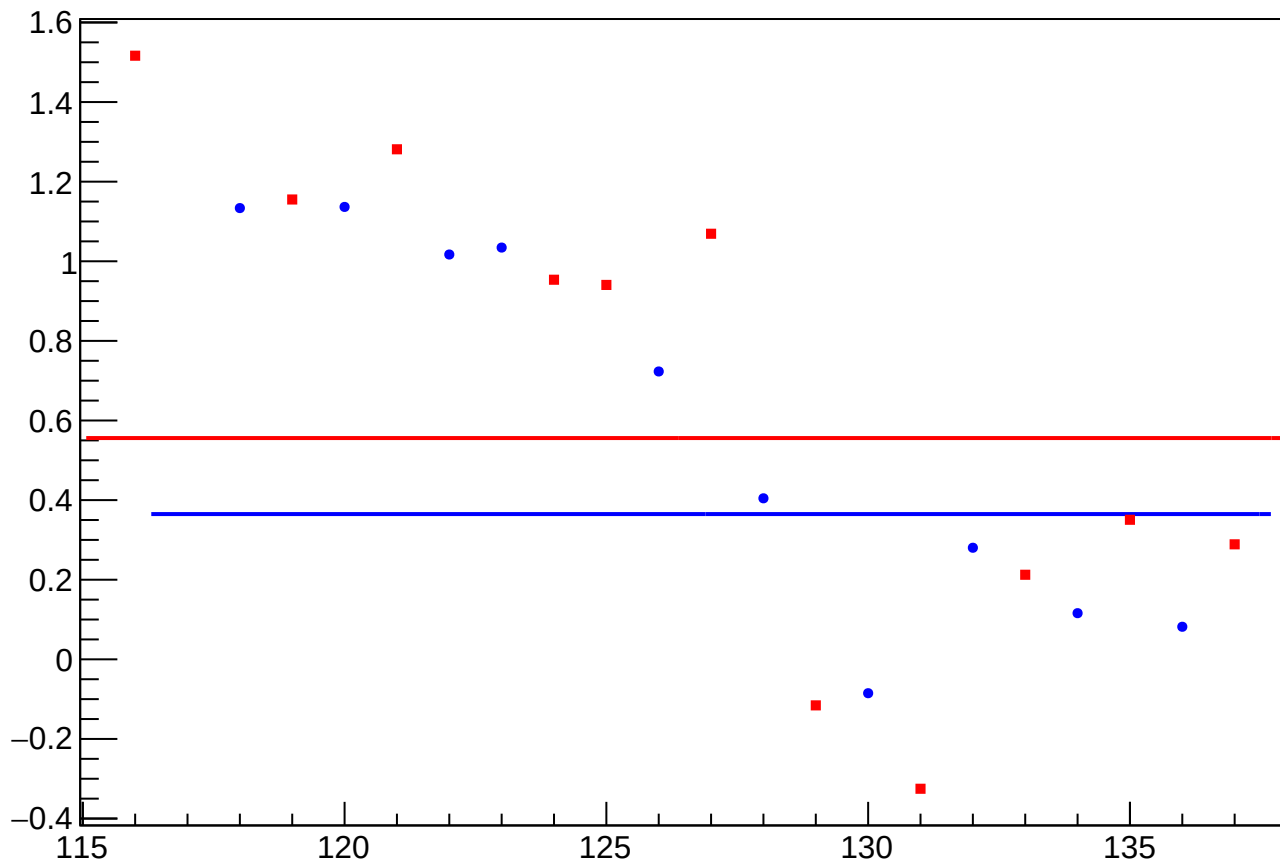
Right: 0.011+/-0.000 χ^2/NDF : 573572.3/20

In: 0.011+/-0.000 χ^2/NDF :261782.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 573572.3/20

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.365+/-0.000 χ^2/NDF : 86362018.4/9

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

Right Out: 0.556+/-0.000 χ^2/NDF : 237614907.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

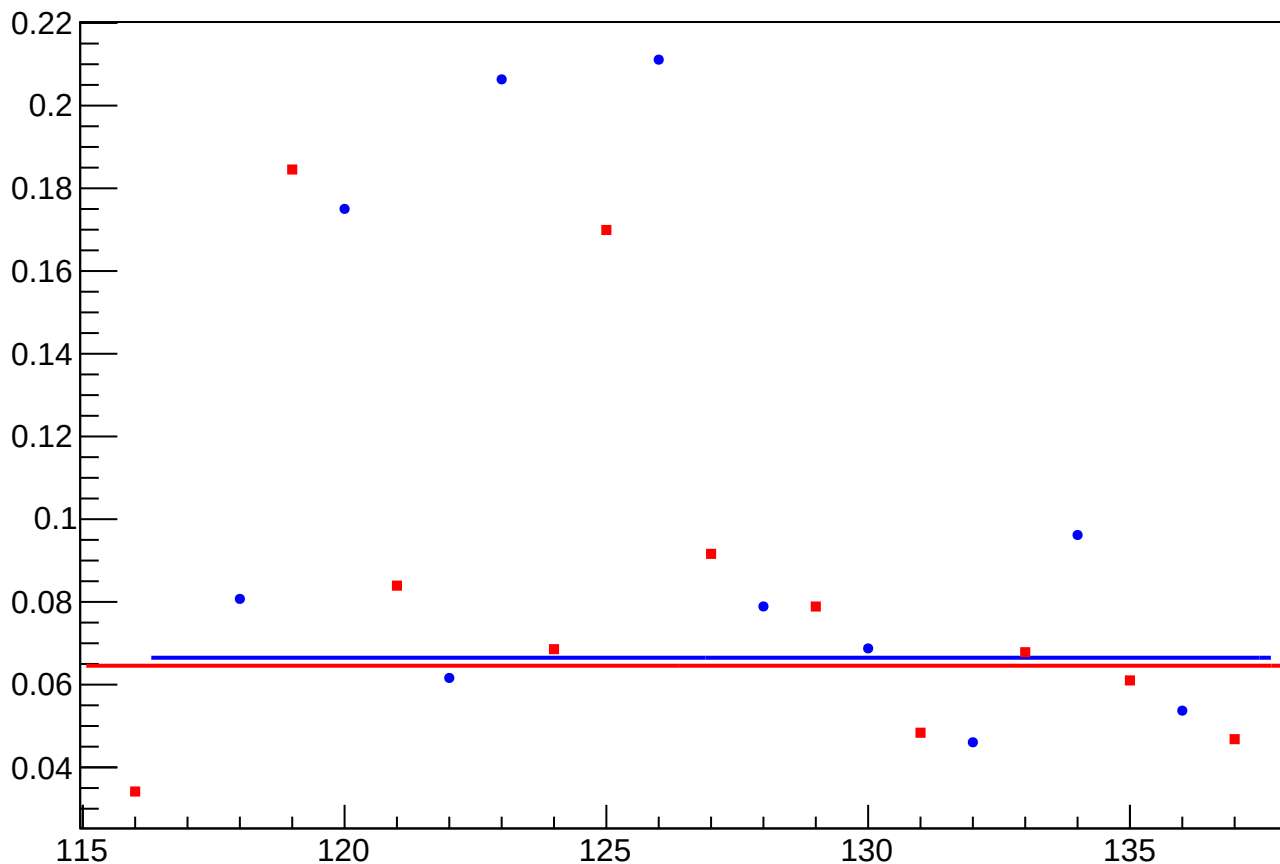
Right: 0.462+/-0.000 χ^2/NDF : 333533519.2/20

In: 0.365+/-0.000 χ^2/NDF : 86362018.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.462+/-0.000 χ^2/NDF : 333533519.2/20

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.067+/-0.000 χ^2/NDF : 774727.2/9

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

Right Out: 0.065+/-0.000 χ^2/NDF : 978577.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

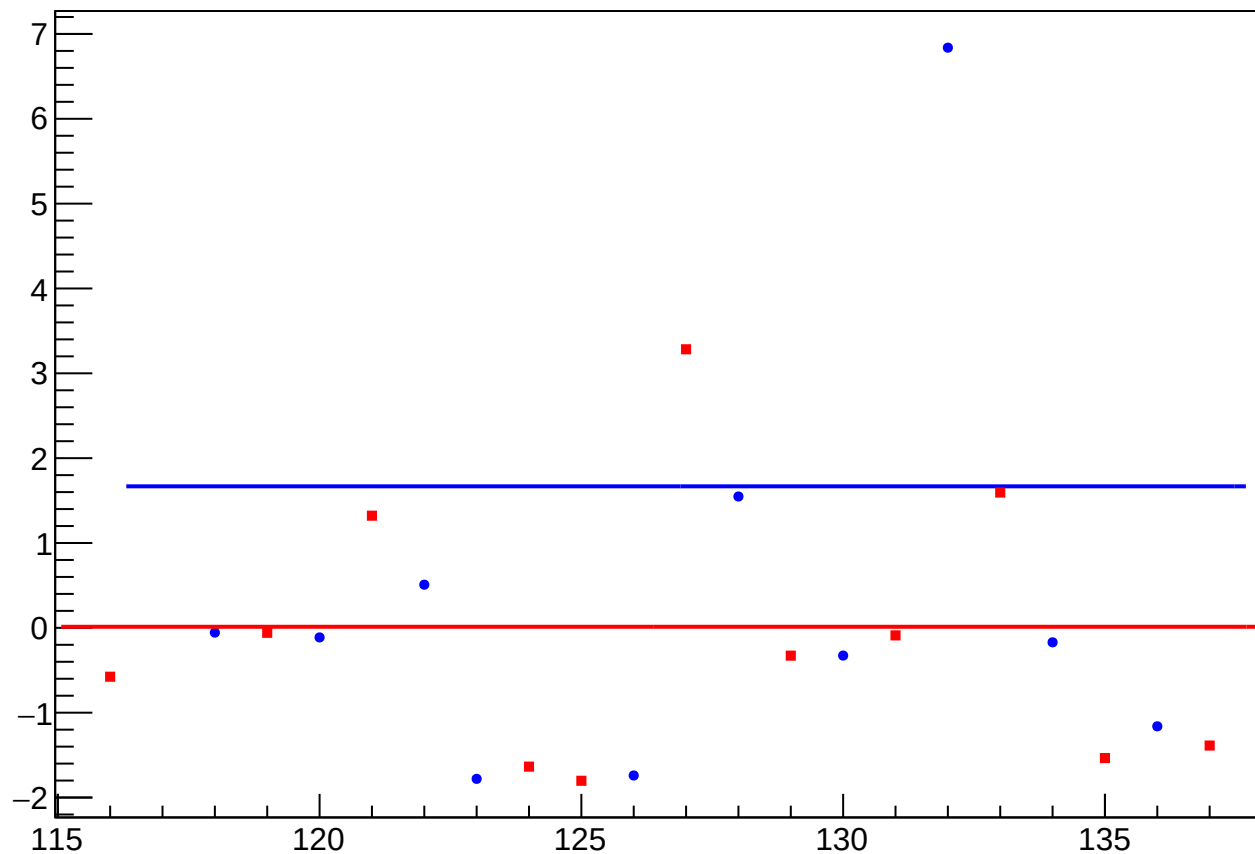
Right: 0.066+/-0.000 χ^2/NDF : 1755263.6/20

In: 0.067+/-0.000 χ^2/NDF : 774727.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.000 χ^2/NDF : 1755263.6/20

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 1.668+/-0.000 χ^2/NDF : 8598837160.6/9

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

Right Out: 0.013+/-0.000 χ^2/NDF : 1341076824.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

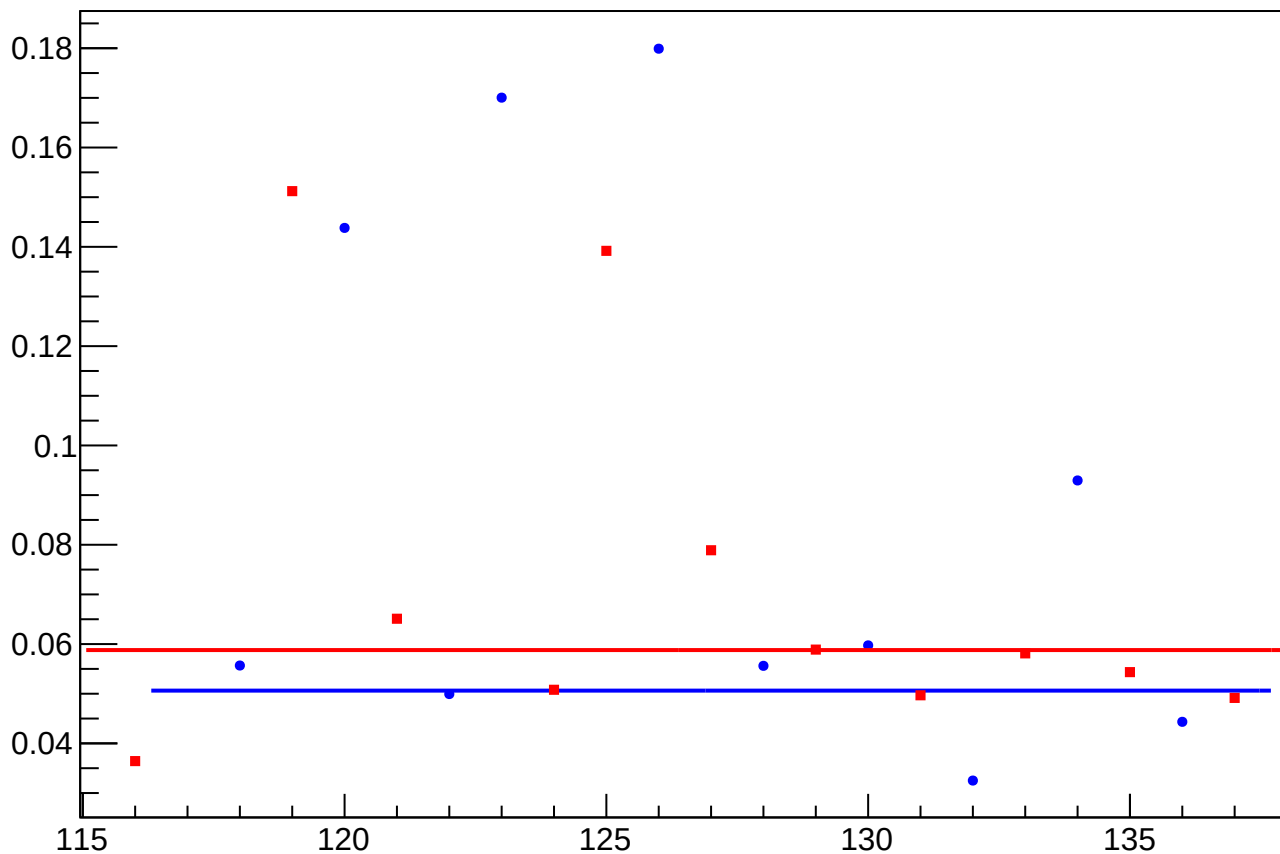
Right: 0.922+/-0.000 χ^2/NDF : 11000730618.1/20

In: 1.668+/-0.000 χ^2/NDF : 8598837160.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.922+/-0.000 χ^2/NDF : 11000730618.1/20

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.051+/-0.000 χ^2/NDF : 891812.2/9

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

Right Out: 0.059+/-0.000 χ^2/NDF : 730362.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

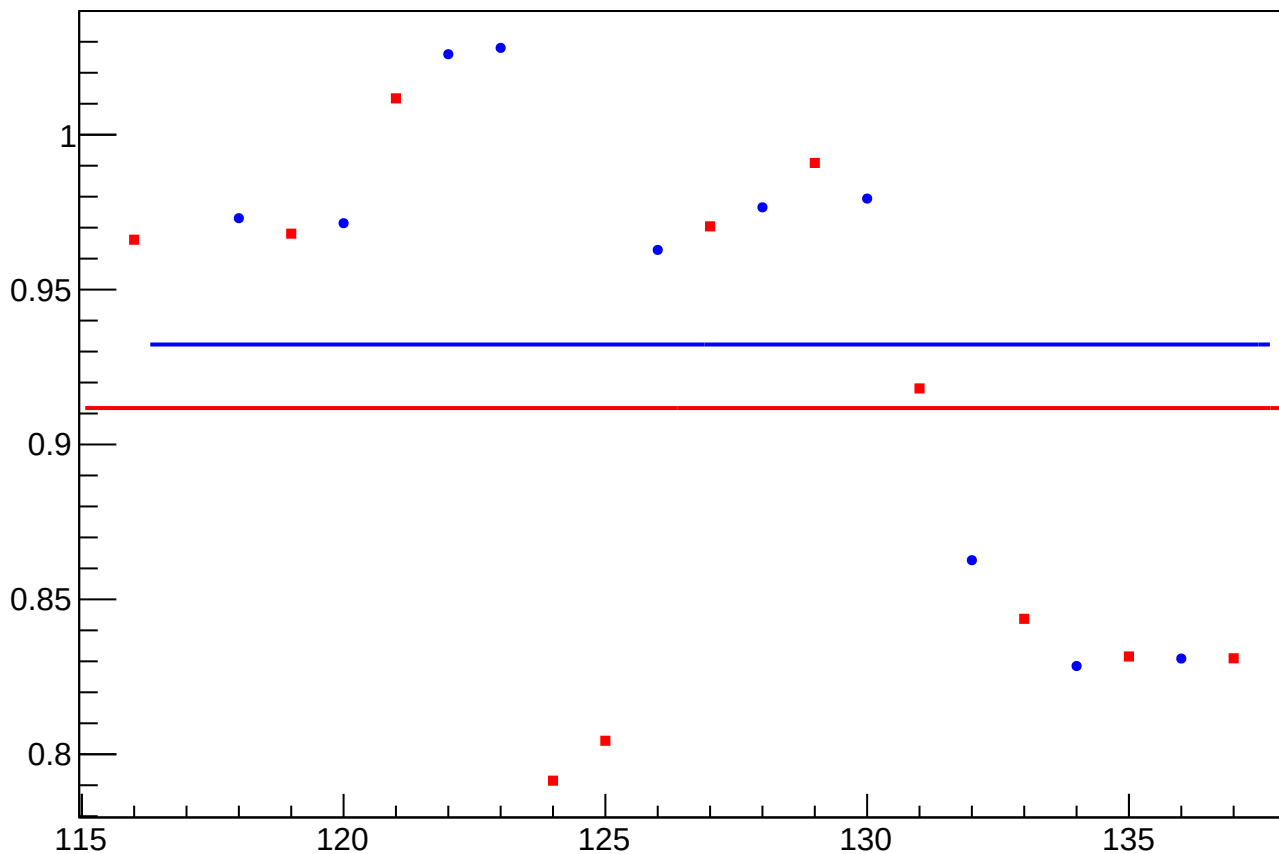
Right: 0.054+/-0.000 χ^2/NDF : 1673809.4/20

In: 0.051+/-0.000 χ^2/NDF : 891812.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.000 χ^2/NDF : 1673809.4/20

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.932+/-0.000 χ^2/NDF : 108202515.0/9

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

Right Out: 0.912+/-0.000 χ^2/NDF : 113429086.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

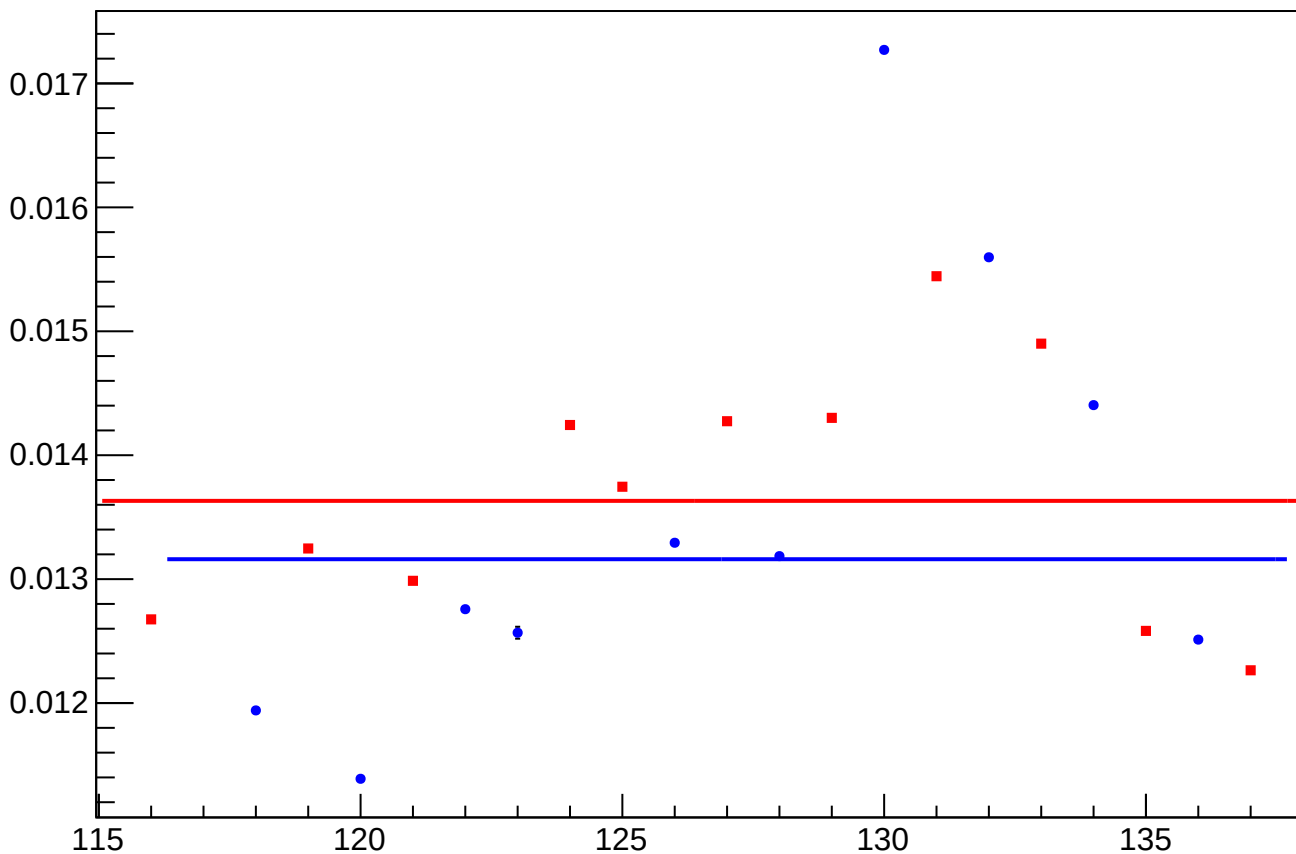
Right: 0.922+/-0.000 χ^2/NDF : 225893790.0/20

In: 0.932+/-0.000 χ^2/NDF : 108202515.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.922+/-0.000 χ^2/NDF : 225893790.0/20

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 100122.7/9

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

Right Out: 0.014+/-0.000 χ^2/NDF : 34452.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

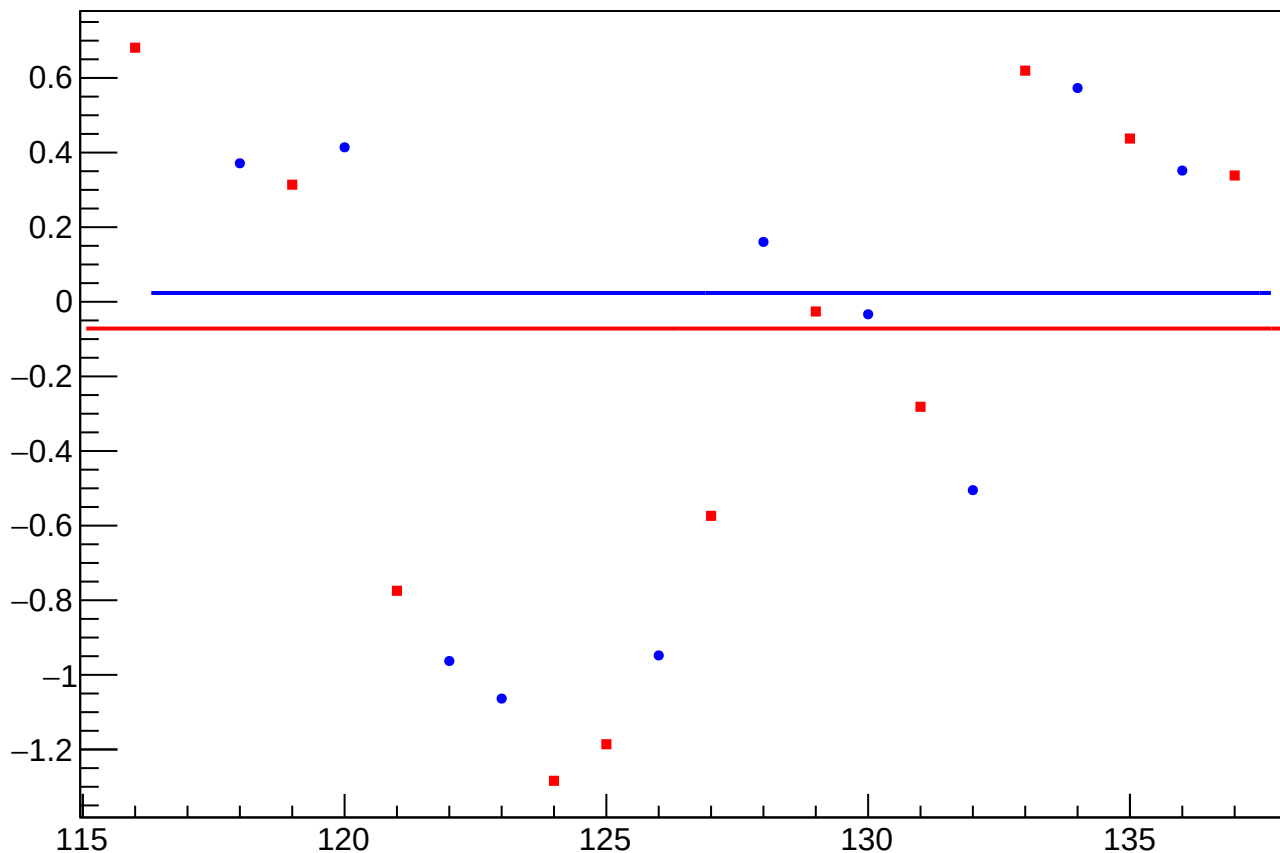
Right: 0.013+/-0.000 χ^2/NDF : 139066.6/20

In: 0.013+/-0.000 χ^2/NDF : 100122.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 139066.6/20

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 4627528321.7/9

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

Right Out: -0.072+/-0.000 χ^2/NDF : 5386614641.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

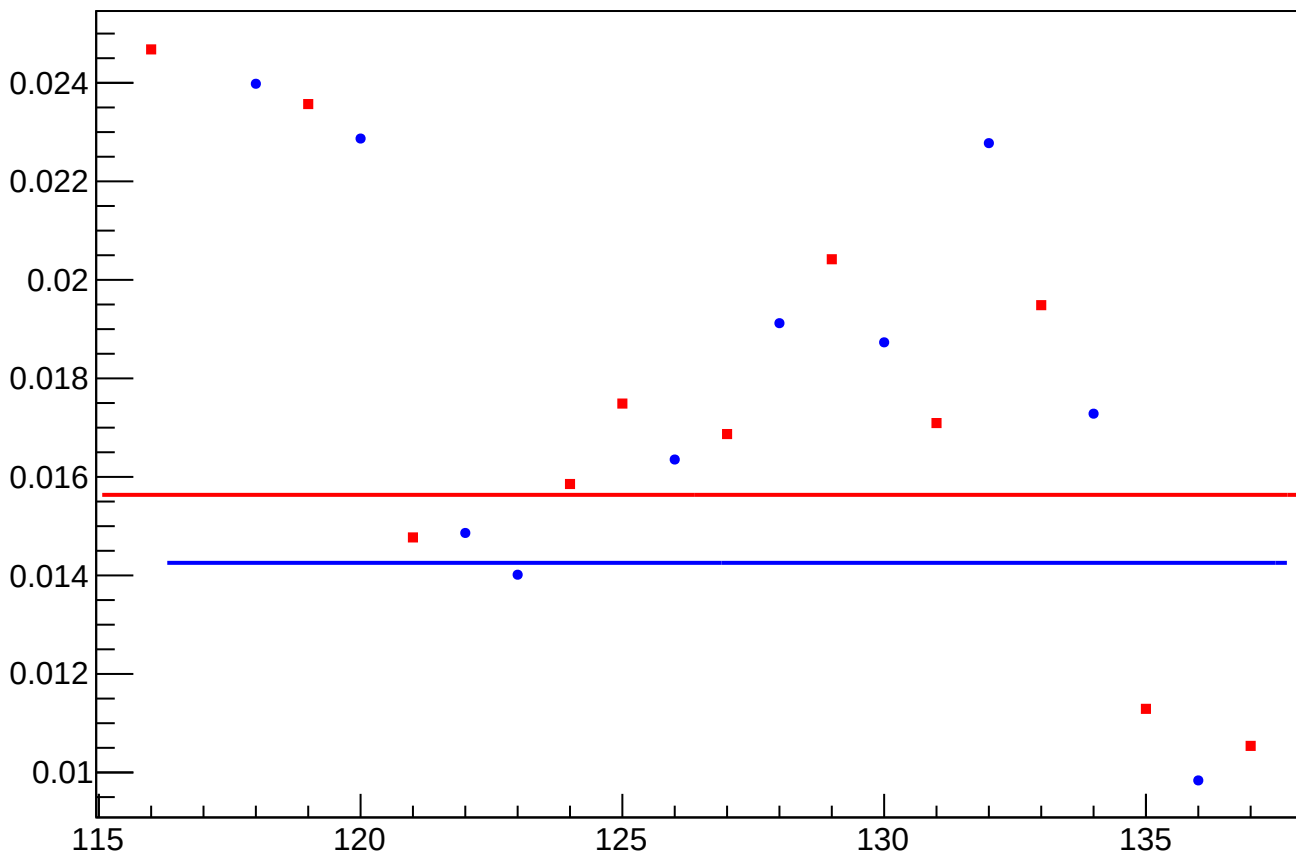
Right: -0.020+/-0.000 χ^2/NDF : 10084123224.2/20

In: 0.024+/-0.000 χ^2/NDF :4627528321.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.000 χ^2/NDF : 10084123224.2/20

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 794617.8/9

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

Right Out: 0.016+/-0.000 χ^2/NDF : 490258.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

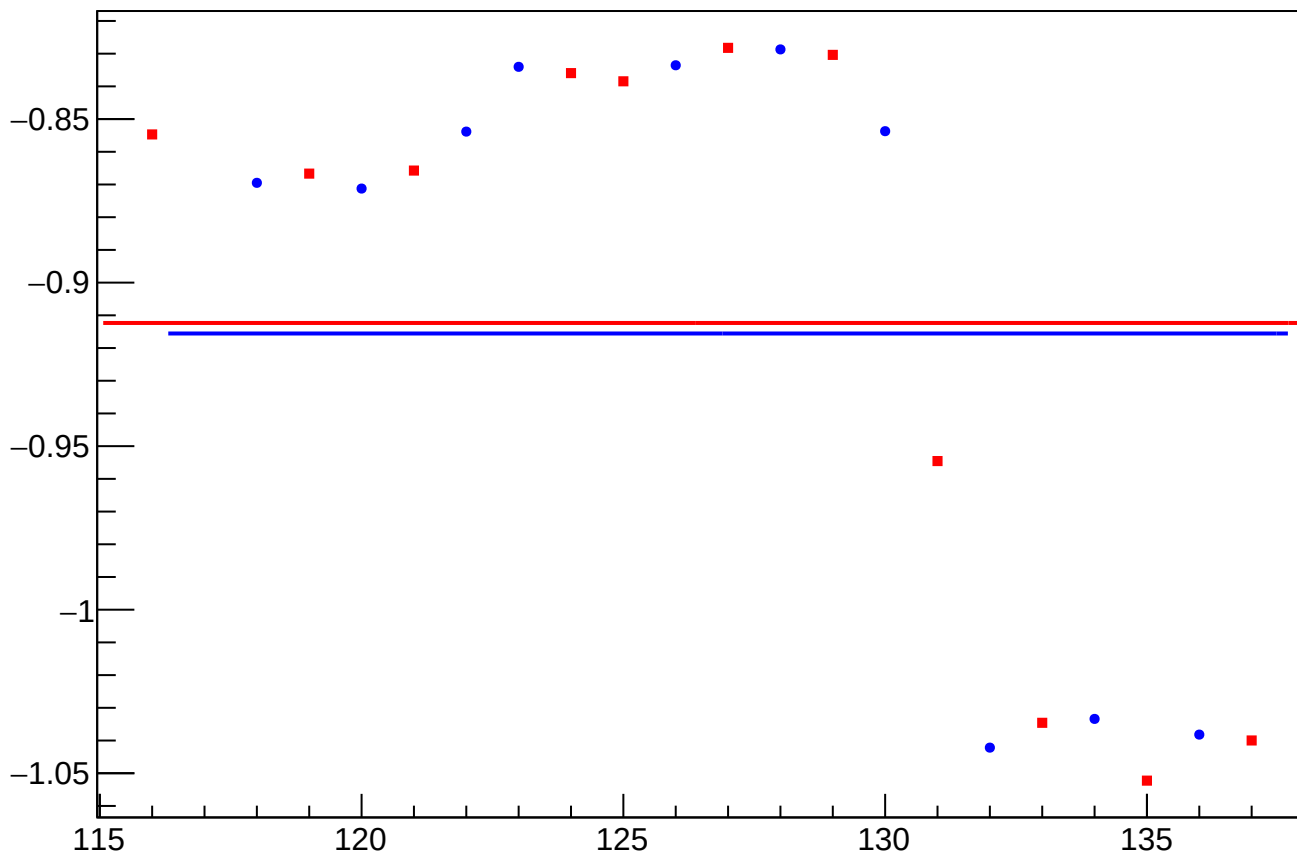
Right: 0.015+/-0.000 χ^2/NDF : 1314222.4/20

In: 0.014+/-0.000 χ^2/NDF : 794617.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1314222.4/20

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.916+/-0.000 χ^2/NDF : 28087895.3/9

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

Right Out: -0.912+/-0.000 χ^2/NDF : 24869881.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

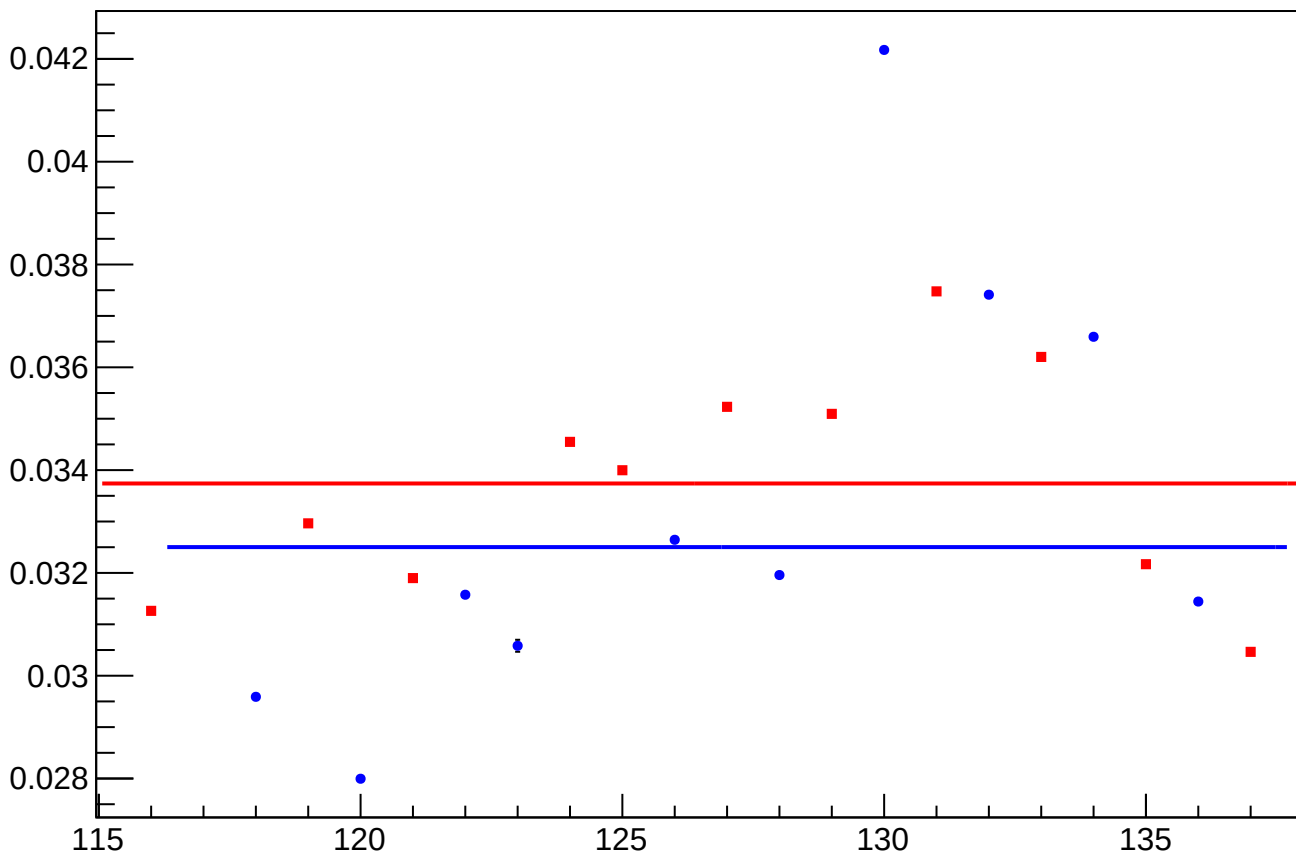
Right: -0.914+/-0.000 χ^2/NDF : 52974891.4/20

In: -0.916+/-0.000 χ^2/NDF :28087895.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.914+/-0.000 χ^2/NDF : 52974891.4/20

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 90416.0/9

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

Right Out: 0.034+/-0.000 χ^2/NDF : 24842.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

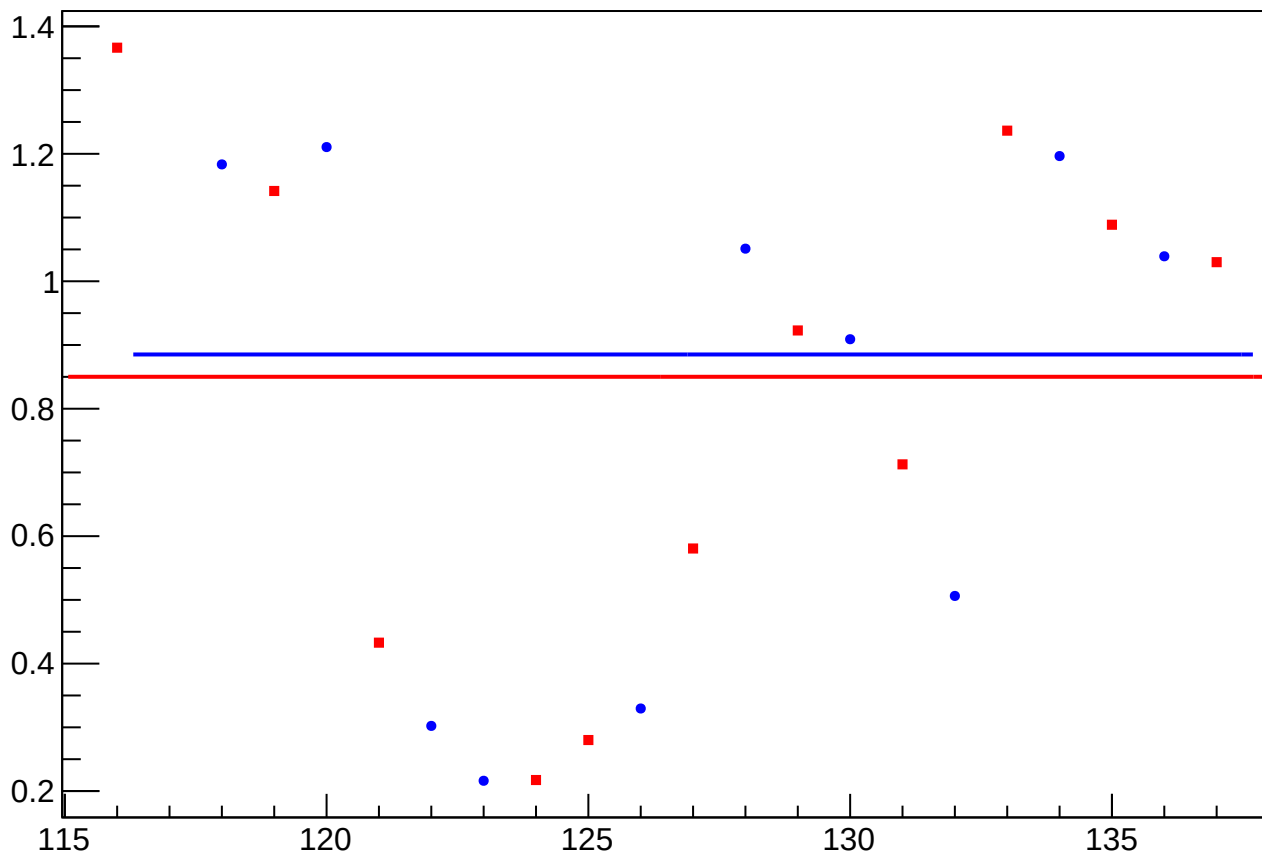
Right: 0.033+/-0.000 χ^2/NDF : 120321.2/20

In: 0.033+/-0.000 χ^2/NDF : 90416.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.000 χ^2/NDF : 120321.2/20

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.885+/-0.000

χ^2/NDF : 3651690917.8/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.869+/-0.000

χ^2/NDF : 7247959096.3/20

Right Out: 0.850+/-0.000

χ^2/NDF : 3574593712.1/10

In: 0.885+/-0.000

χ^2/NDF : 3651690917.8/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

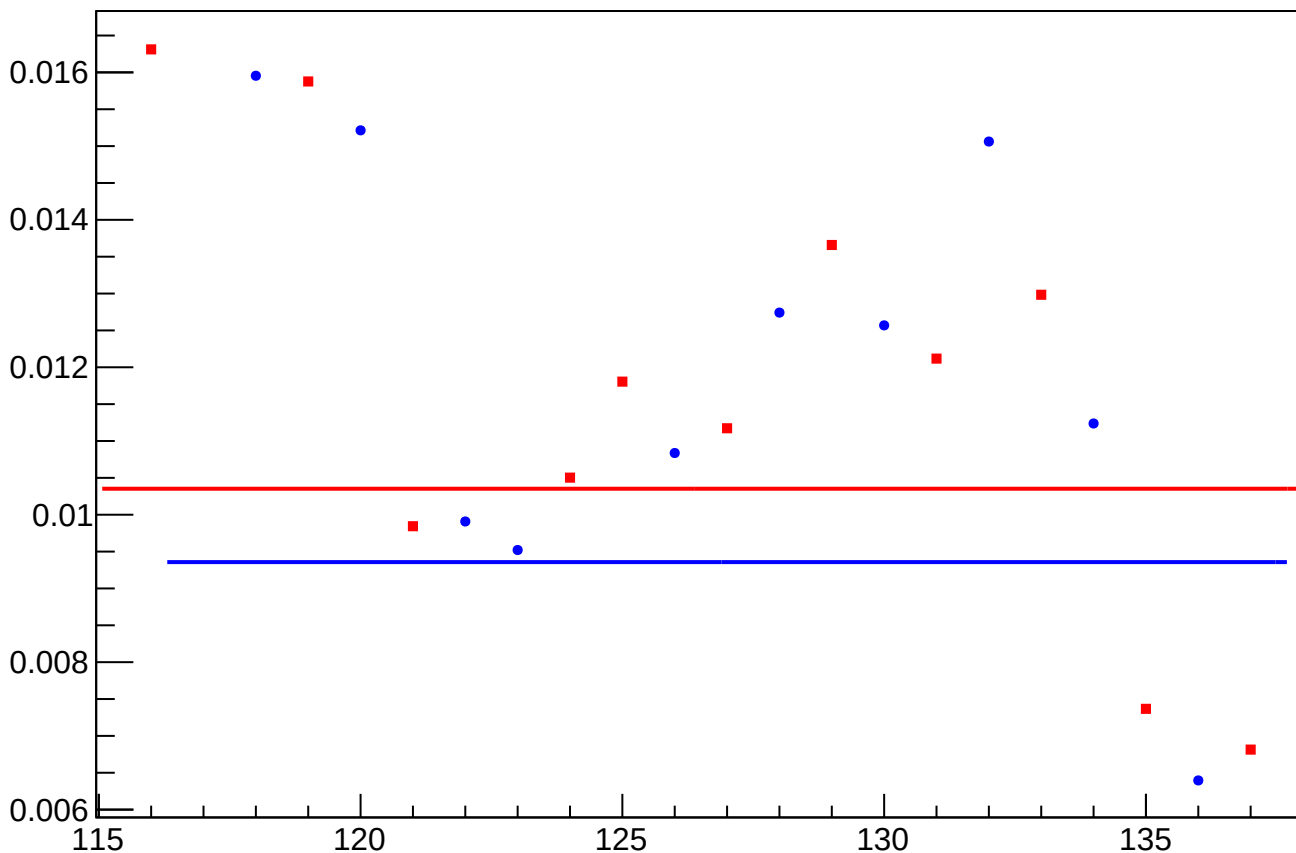
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.869+/-0.000

χ^2/NDF : 7247959096.3/20

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 842752.0/9

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

Right Out: 0.010+/-0.000 χ^2/NDF : 541577.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

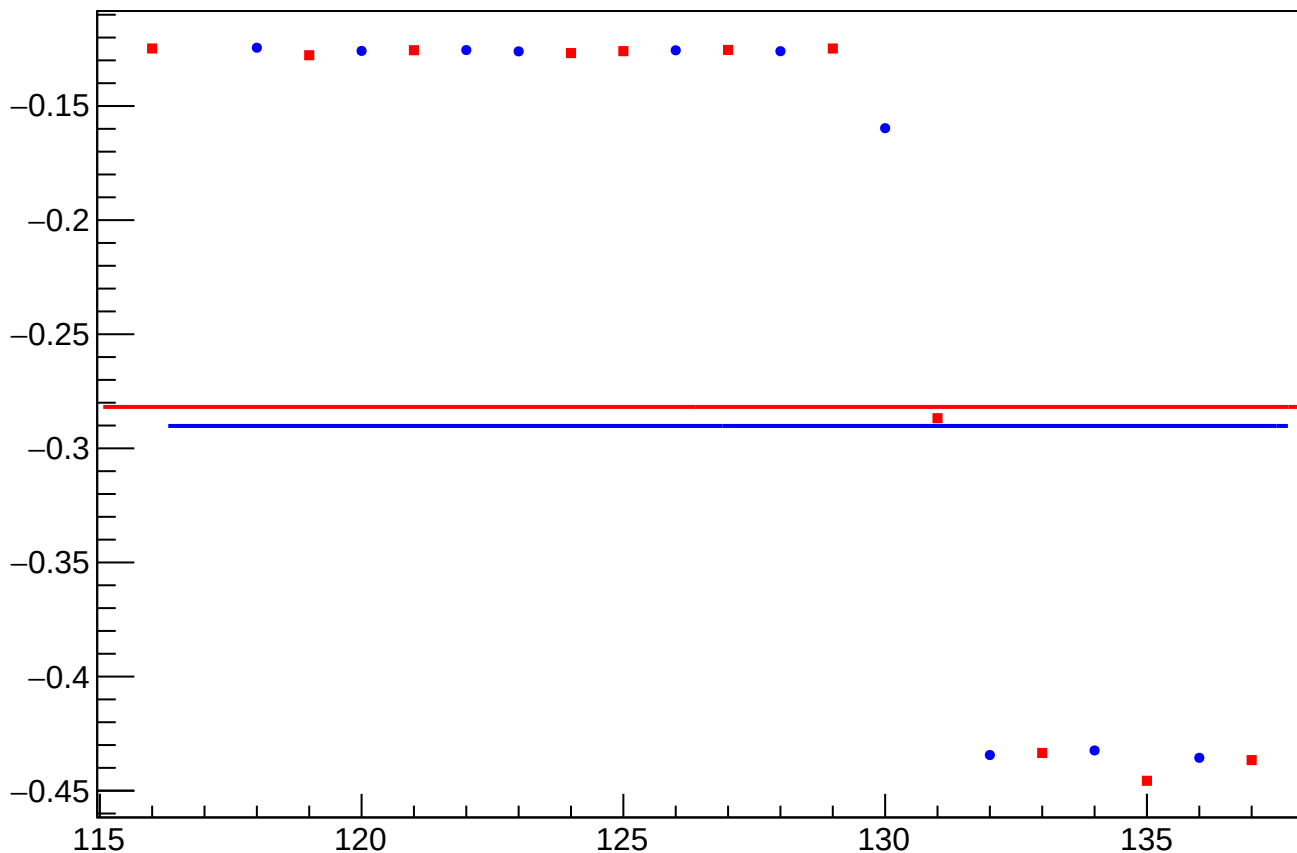
Right: 0.010+/-0.000 χ^2/NDF : 1419364.2/20

In: 0.009+/-0.000 χ^2/NDF :842752.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1419364.2/20

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.290+/-0.000 χ^2/NDF : 595418179.2/9

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

Right Out: -0.282+/-0.000 χ^2/NDF : 553469724.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

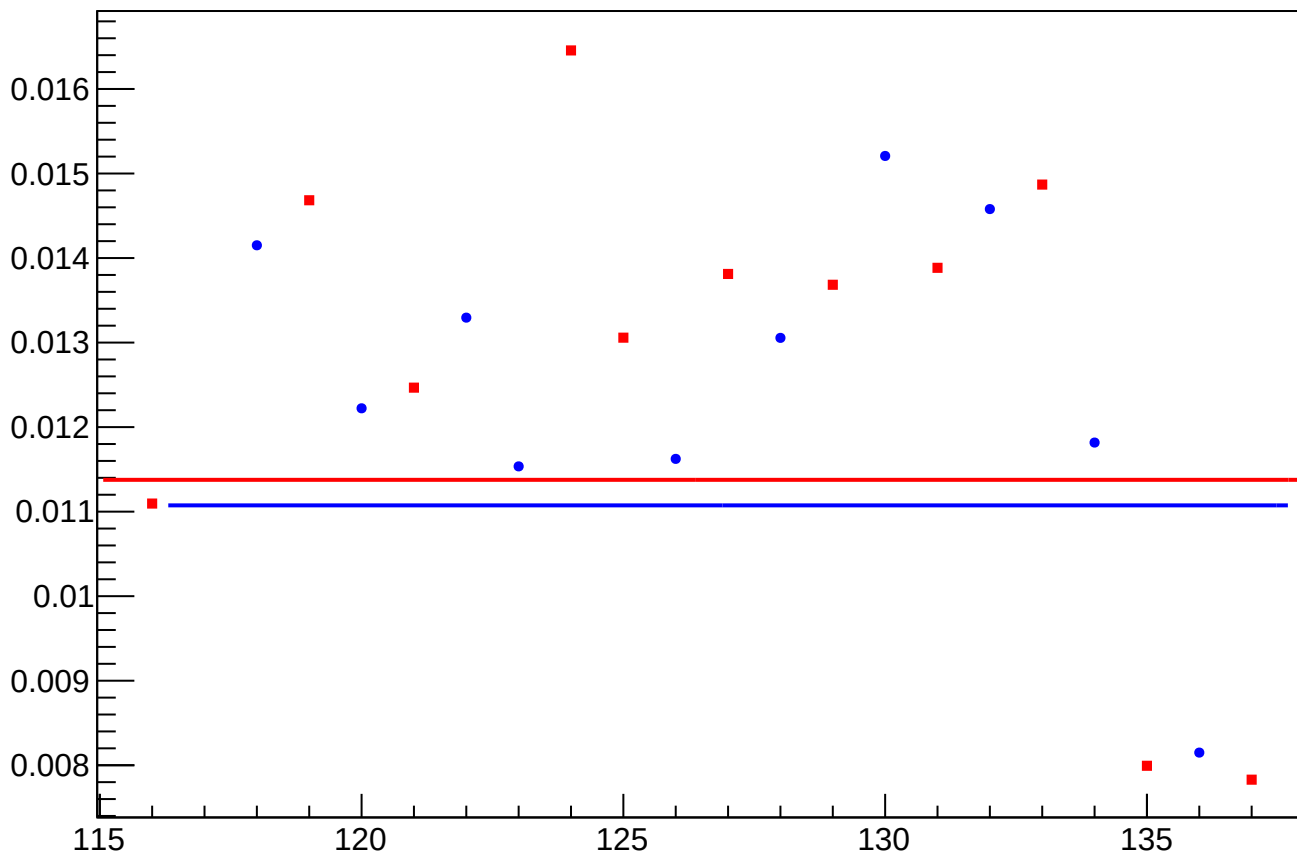
Right: -0.286+/-0.000 χ^2/NDF : 1149744254.8/20

In: -0.290+/-0.000 χ^2/NDF : 595418179.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.286+/-0.000 χ^2/NDF : 1149744254.8/20

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 366472.1/9

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

Right Out: 0.011+/-0.000 χ^2/NDF : 403597.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

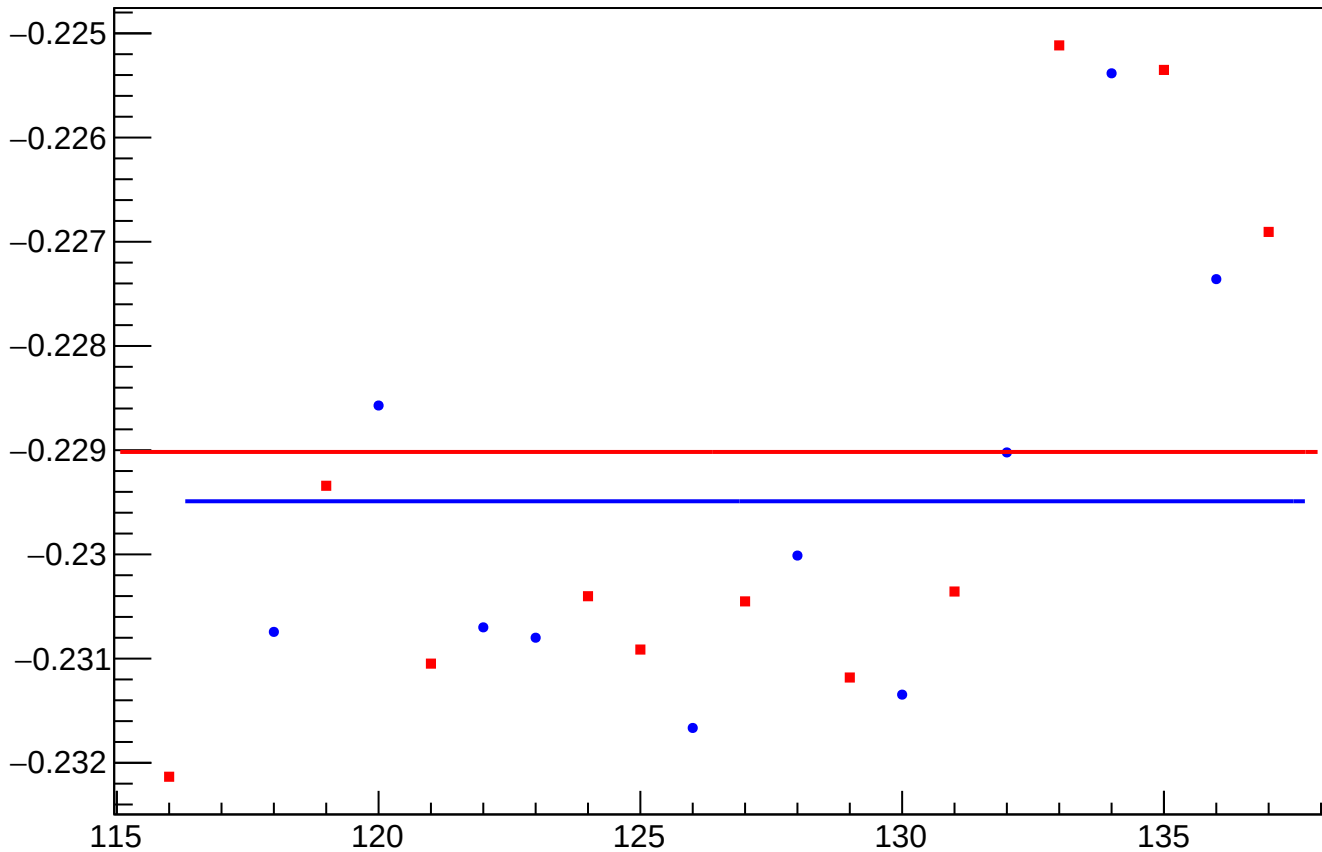
Right: 0.011+/-0.000 χ^2/NDF : 772317.6/20

In: 0.011+/-0.000 χ^2/NDF :366472.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 772317.6/20

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.229+/-0.000 χ^2/NDF : 516644.5/9

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

Right Out: -0.229+/-0.000 χ^2/NDF : 1031893.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

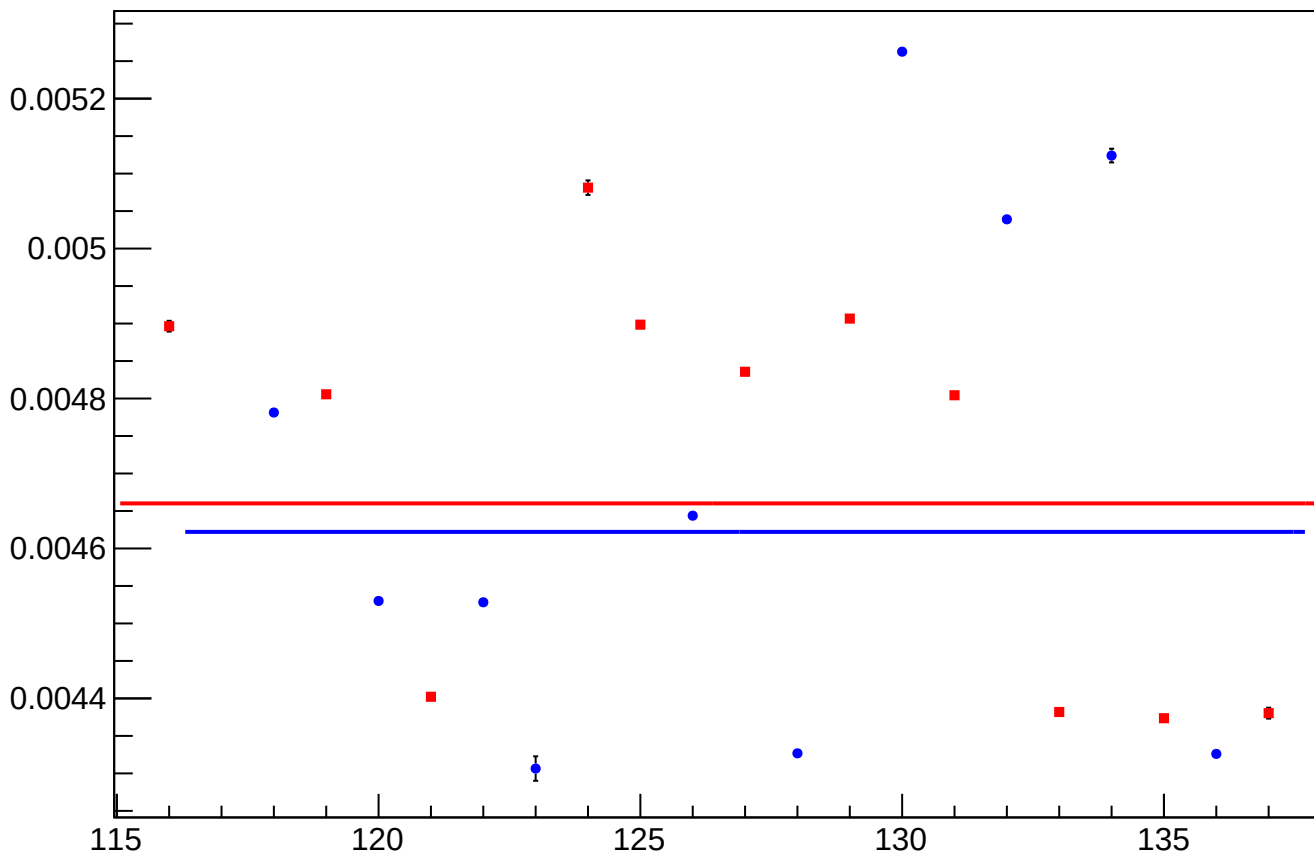
Right: -0.229+/-0.000 χ^2/NDF : 1567696.8/20

In: -0.229+/-0.000 χ^2/NDF :516644.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.229+/-0.000 χ^2/NDF : 1567696.8/20

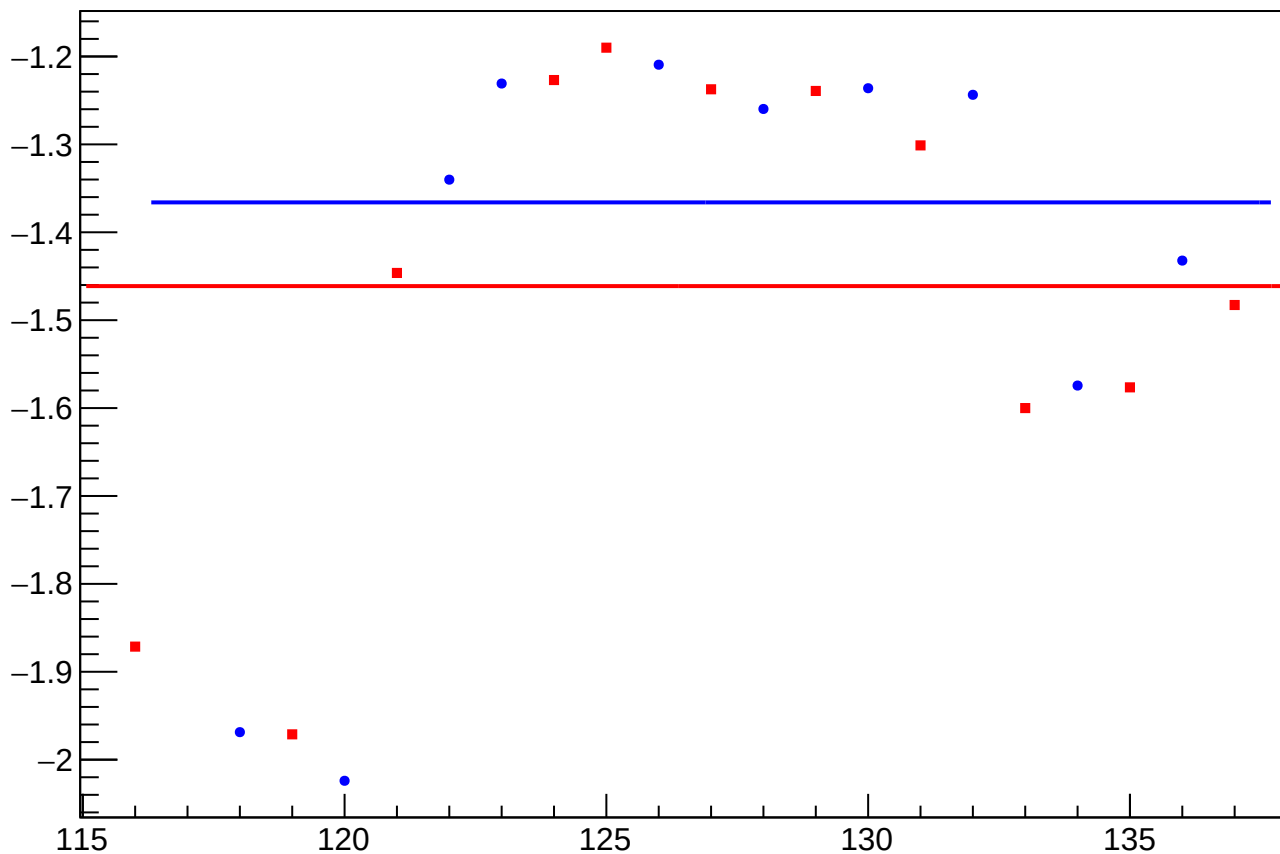
yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 35510.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.000 χ^2/NDF : 19854.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 55612.0/20
 In: 0.005+/-0.000 χ^2/NDF : 35510.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 55612.0/20

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.366+/-0.000 χ^2/NDF : 3859612956.8/9

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

Right Out: -1.461+/-0.000 χ^2/NDF : 6165510212.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

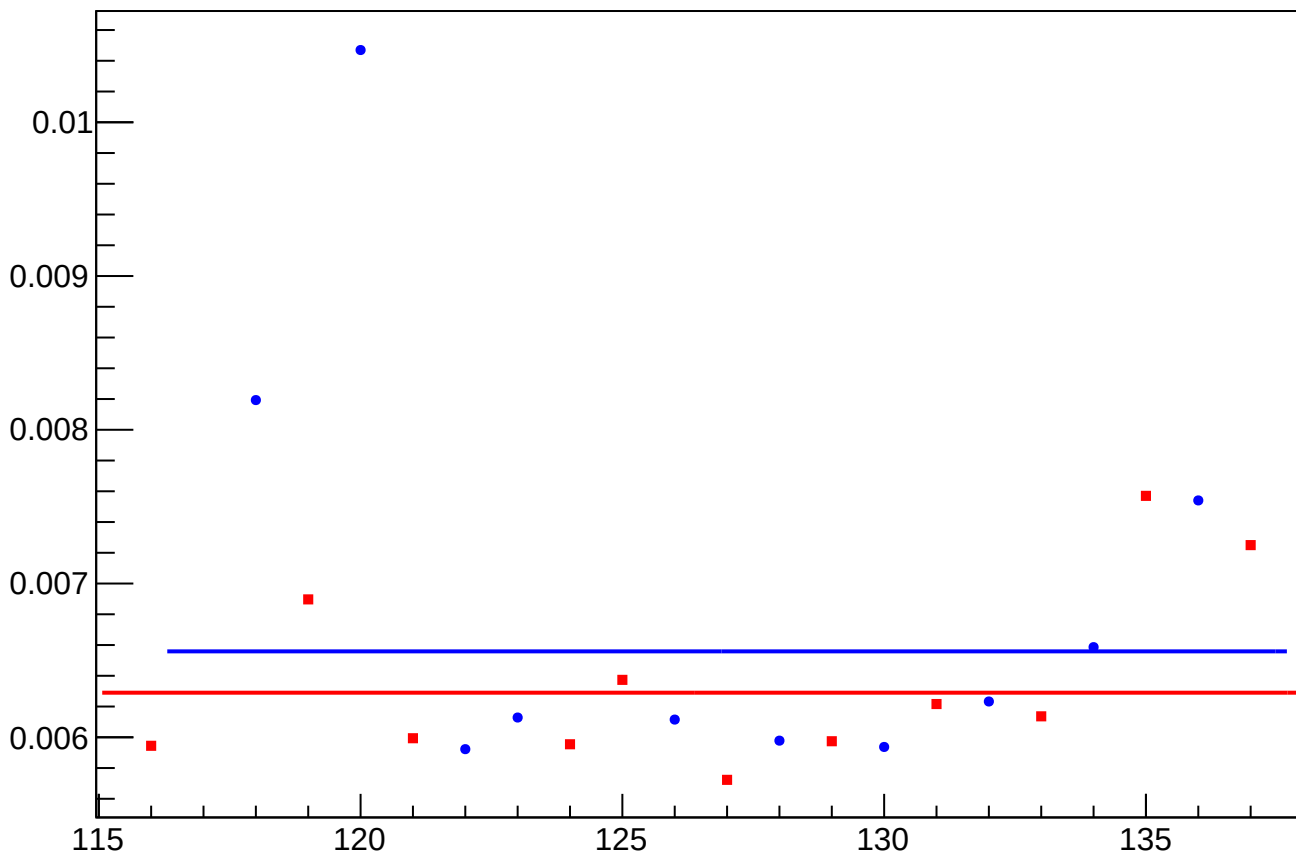
Right: -1.416+/-0.000 χ^2/NDF : 10431326153.2/20

In: -1.366+/-0.000 χ^2/NDF :3859612956.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.416+/-0.000 χ^2/NDF : 10431326153.2/20

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 155755.0/9

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

Right Out: 0.006+/-0.000 χ^2/NDF : 55484.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

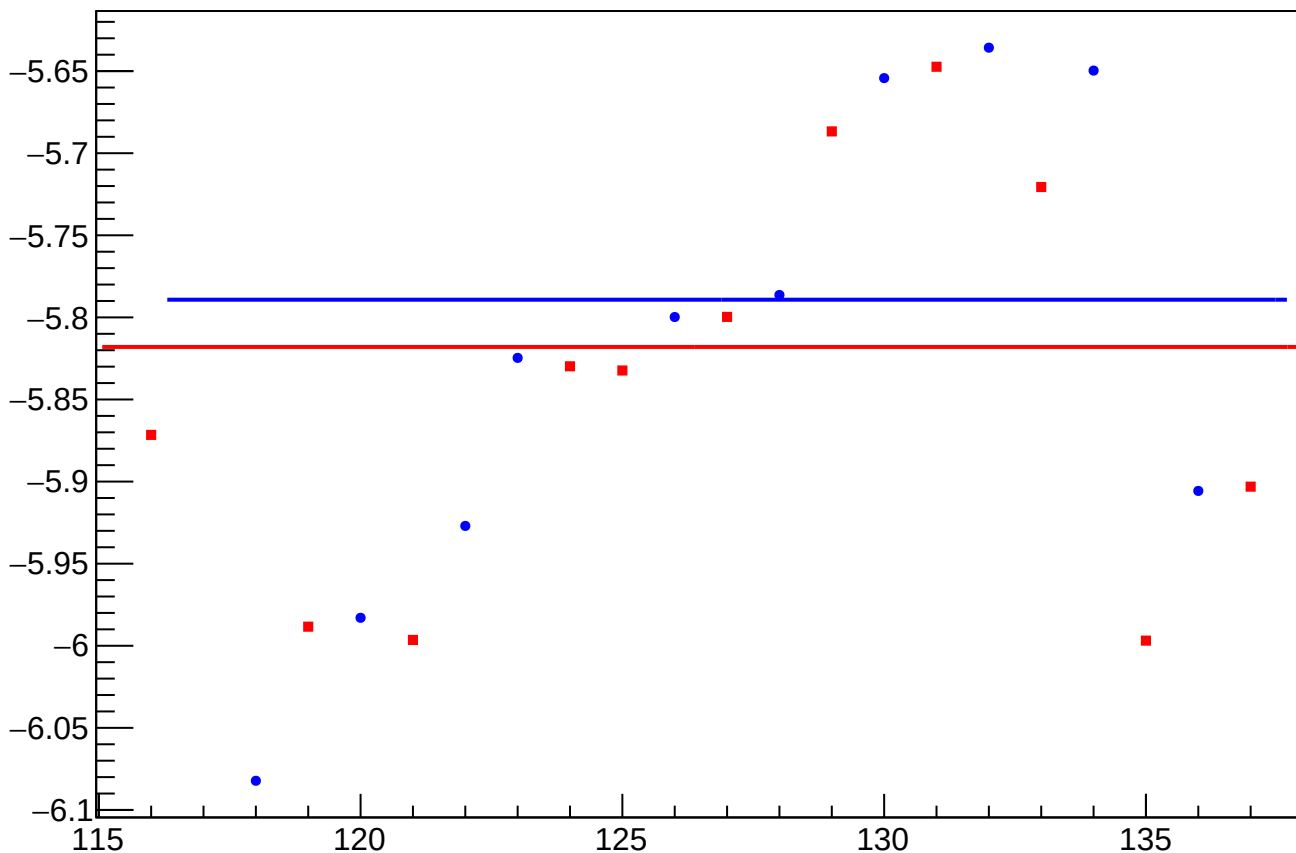
Right: 0.006+/-0.000 χ^2/NDF : 217712.5/20

In: 0.007+/-0.000 χ^2/NDF : 155755.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 217712.5/20

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.789+/-0.000 χ^2/NDF : 2088224333.6/9

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

Right Out: -5.818+/-0.000 χ^2/NDF : 1780772351.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

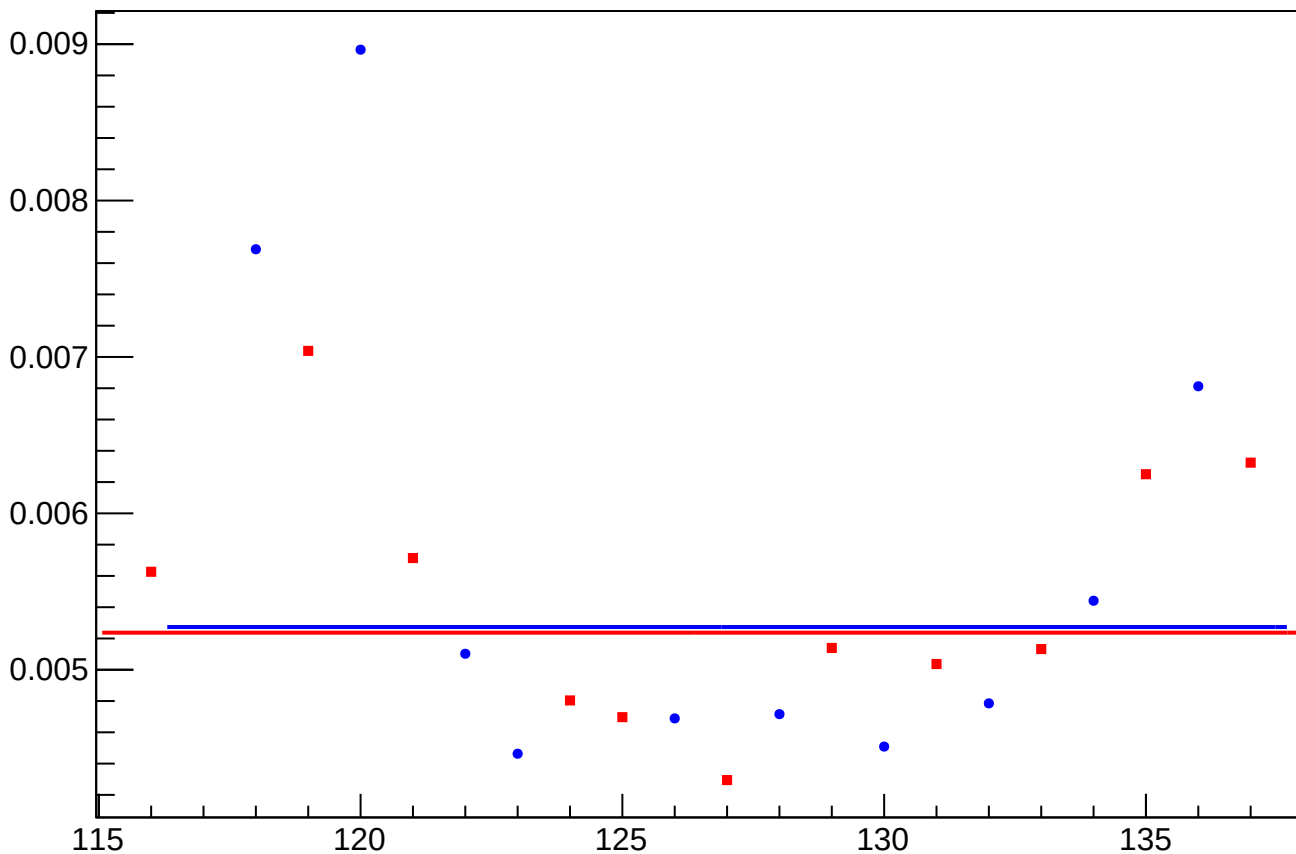
Right: -5.804+/-0.000 χ^2/NDF : 3921358413.6/20

In: -5.789+/-0.000 χ^2/NDF :2088224333.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.804+/-0.000 χ^2/NDF : 3921358413.6/20

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 299091.9/9

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

Right Out: 0.005+/-0.000 χ^2/NDF : 146307.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

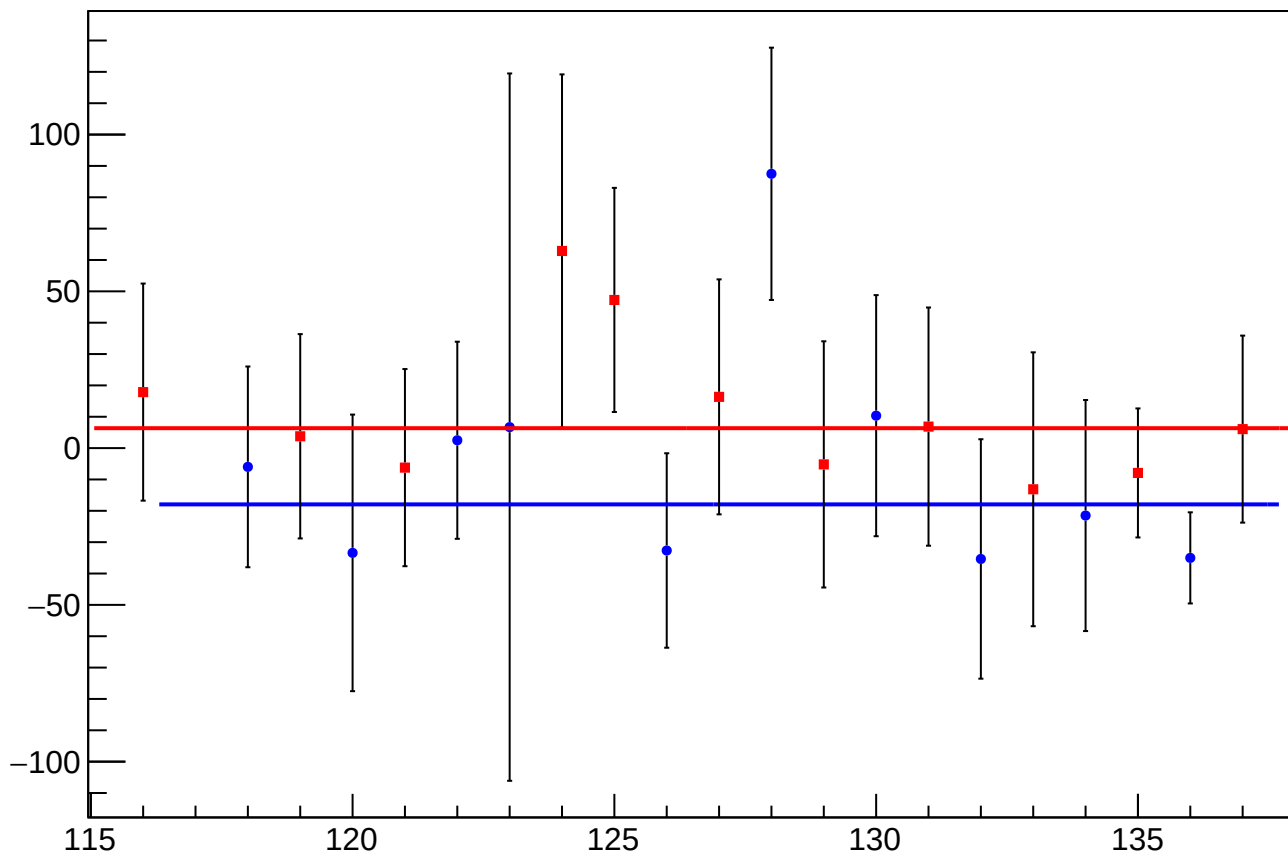
Right: 0.005+/-0.000 χ^2/NDF : 445564.0/20

In: 0.005+/-0.000 χ^2/NDF : 299091.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 445564.0/20

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: -17.950+/-9.504 χ^2/NDF : 10.0/9

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

Right Out: 6.353+/-10.025 χ^2/NDF : 3.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

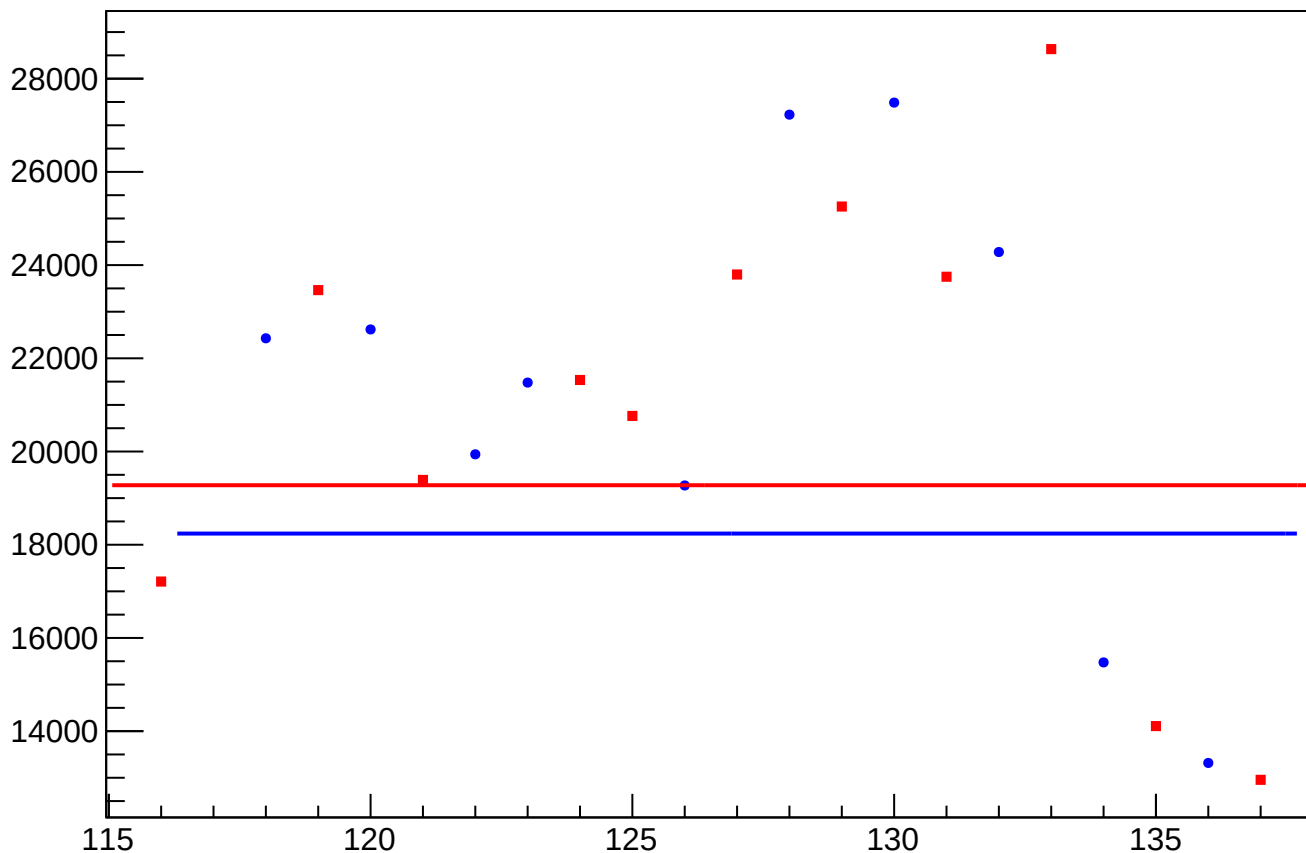
Right: -6.447+/-6.897 χ^2/NDF : 16.5/20

In: -17.950+/-9.504 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.447+/-6.897 χ^2/NDF : 16.5/20

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 18239.830+/-6.720 χ^2/NDF : 569878.2/9

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

Right Out: 19276.854+/-7.089 χ^2/NDF : 457883.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

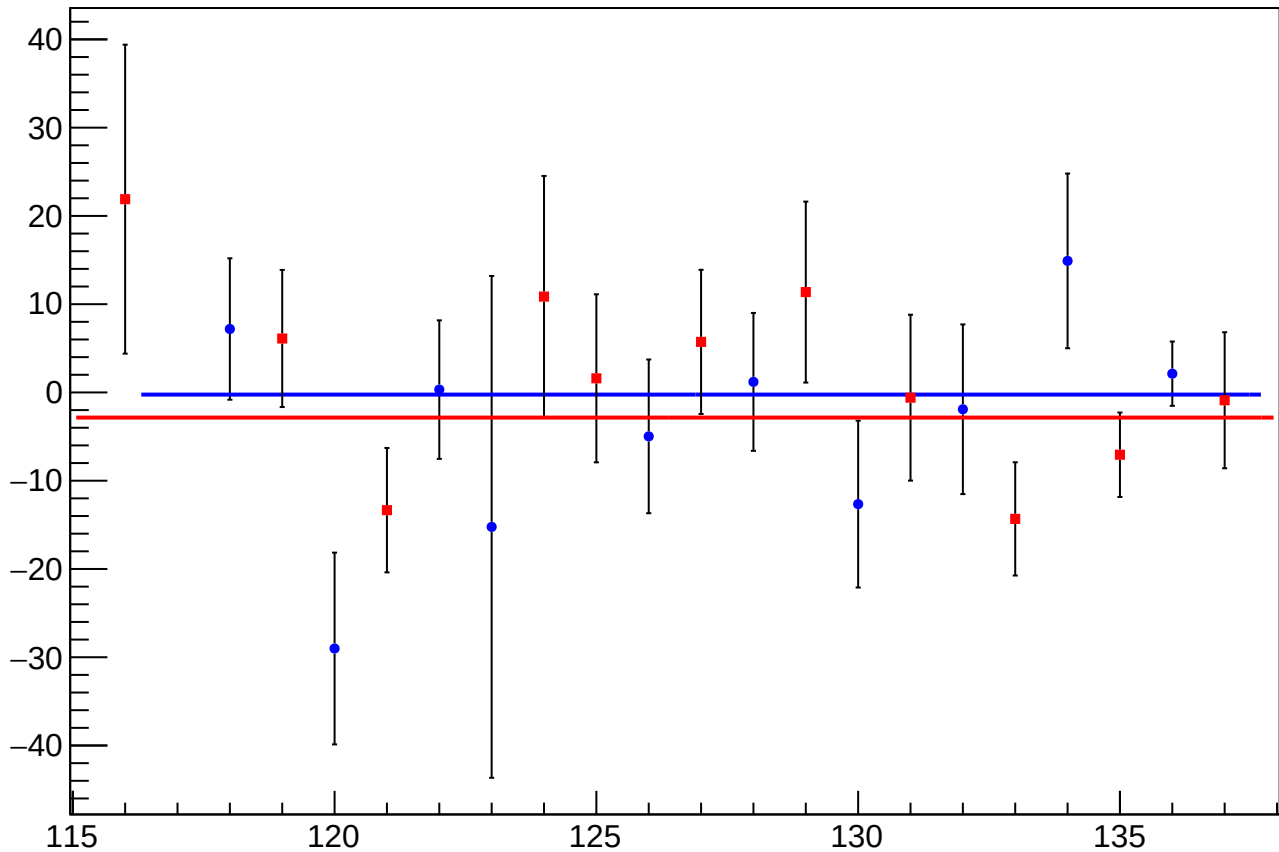
Right: 18730.664+/-4.877 χ^2/NDF : 1039032.7/20

In: 18239.830+/-6.720 χ^2/NDF : 569878.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18730.664+/-4.877 χ^2/NDF : 1039032.7/20

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.243 ± 2.366 $\chi^2/\text{NDF}: 13.0/9$

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

Right Out: -2.848 ± 2.376 $\chi^2/\text{NDF}: 13.9/10$

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

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

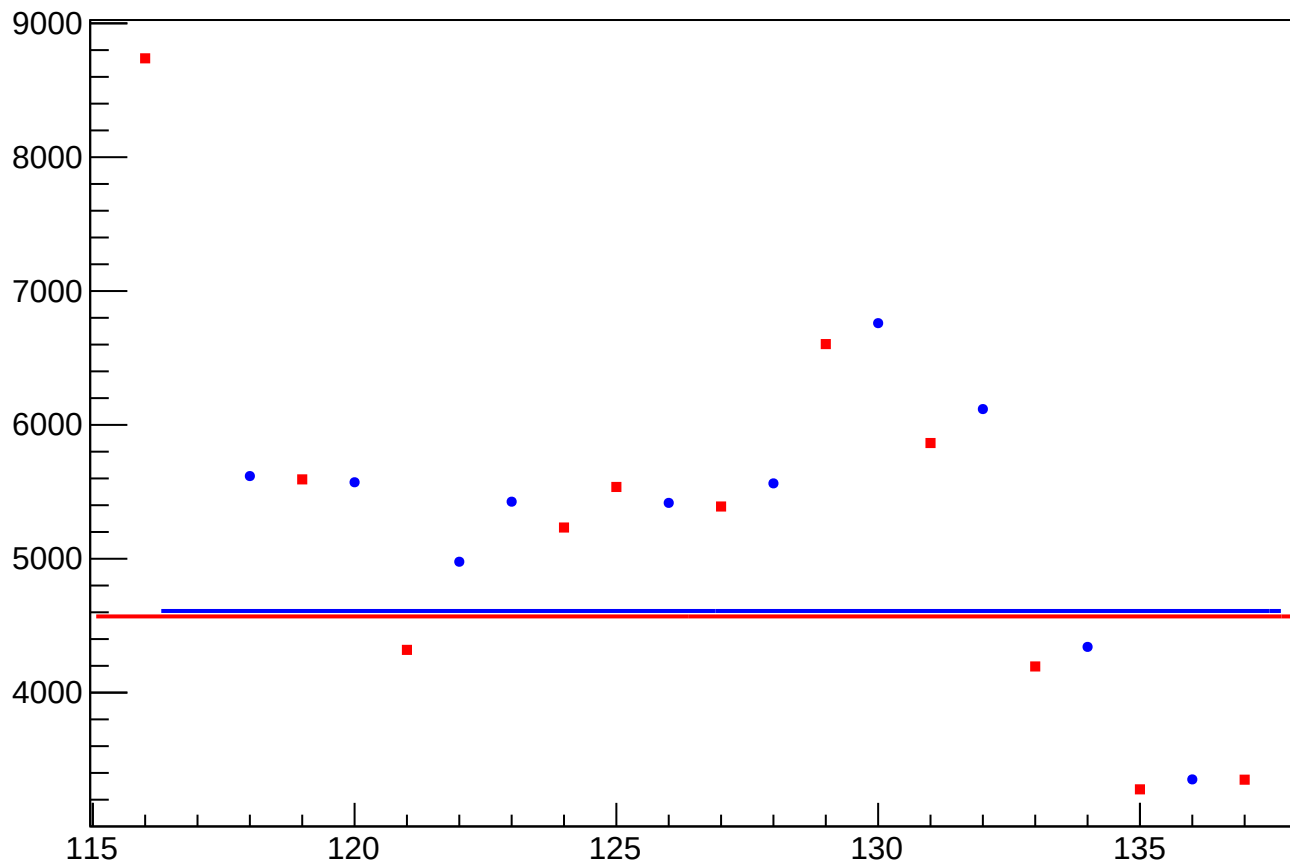
Right: -1.540 ± 1.677 $\chi^2/\text{NDF}: 27.5/20$

In: -0.243 ± 2.366 $\chi^2/\text{NDF}: 13.0/9$

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

All: -1.540 ± 1.677 $\chi^2/\text{NDF}: 27.5/20$

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 4609.857+/-1.673 χ^2/NDF : 493194.7/9

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

Right Out: 4569.117+/-1.680 χ^2/NDF : 516028.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

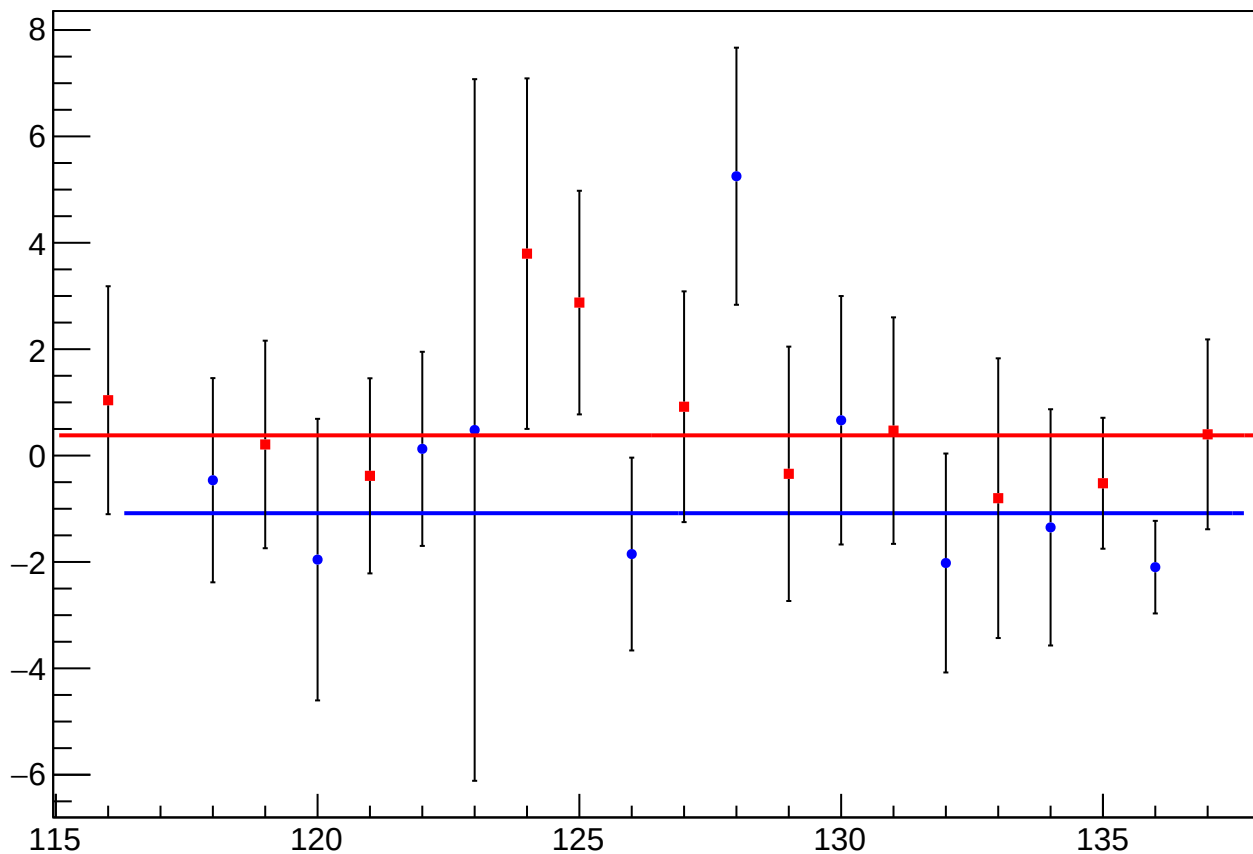
Right: 4589.579+/-1.186 χ^2/NDF : 1009518.7/20

In: 4609.857+/-1.673 χ^2/NDF : 493194.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4589.579+/-1.186 χ^2/NDF : 1009518.7/20

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -1.083+/-0.563 χ^2/NDF : 9.9/9

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

Right Out: 0.380+/-0.595 χ^2/NDF : 3.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

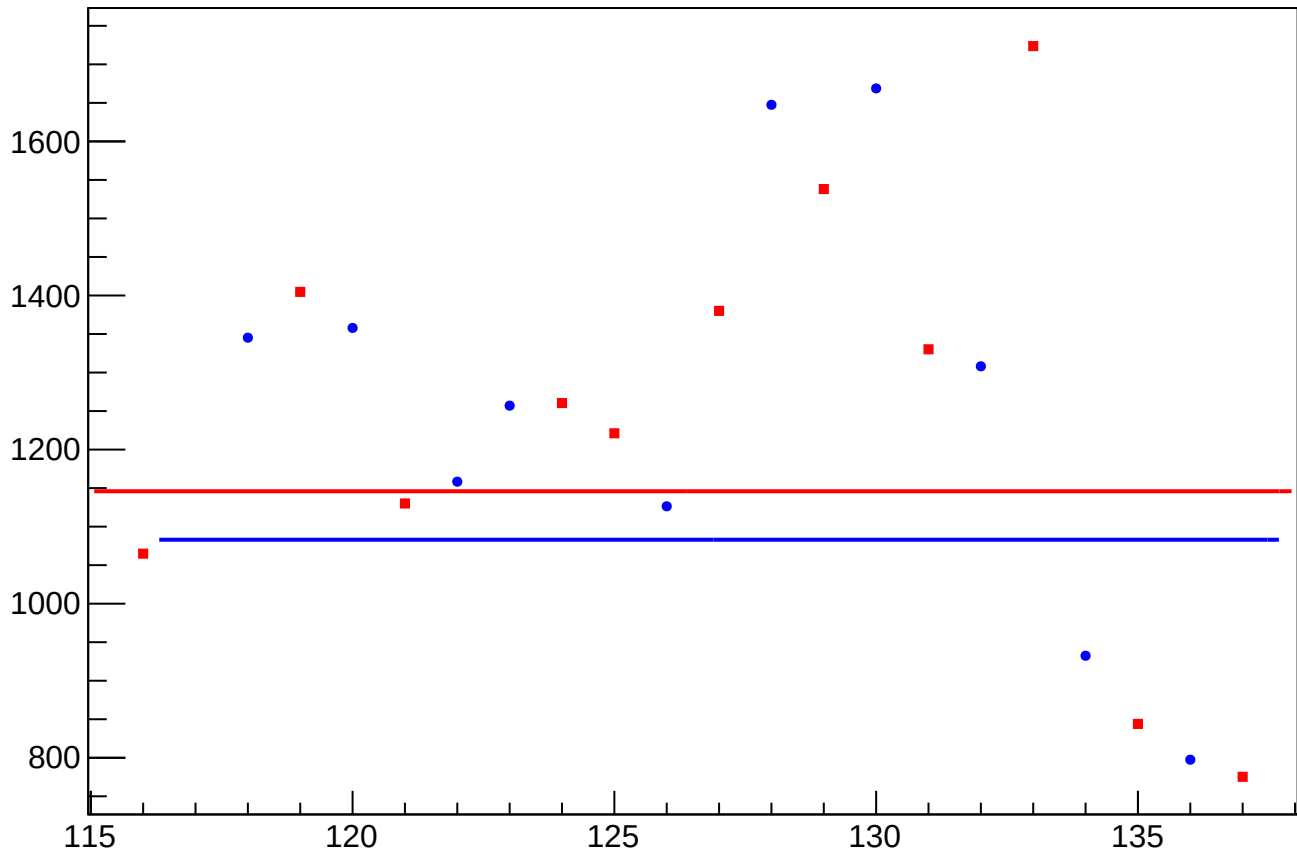
Right: -0.392+/-0.409 χ^2/NDF : 16.7/20

In: -1.083+/-0.563 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.392+/-0.409 χ^2/NDF : 16.7/20

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 1083.003+/-0.398 χ^2/NDF : 548167.7/9

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

Right Out: 1145.943+/-0.421 χ^2/NDF : 438543.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

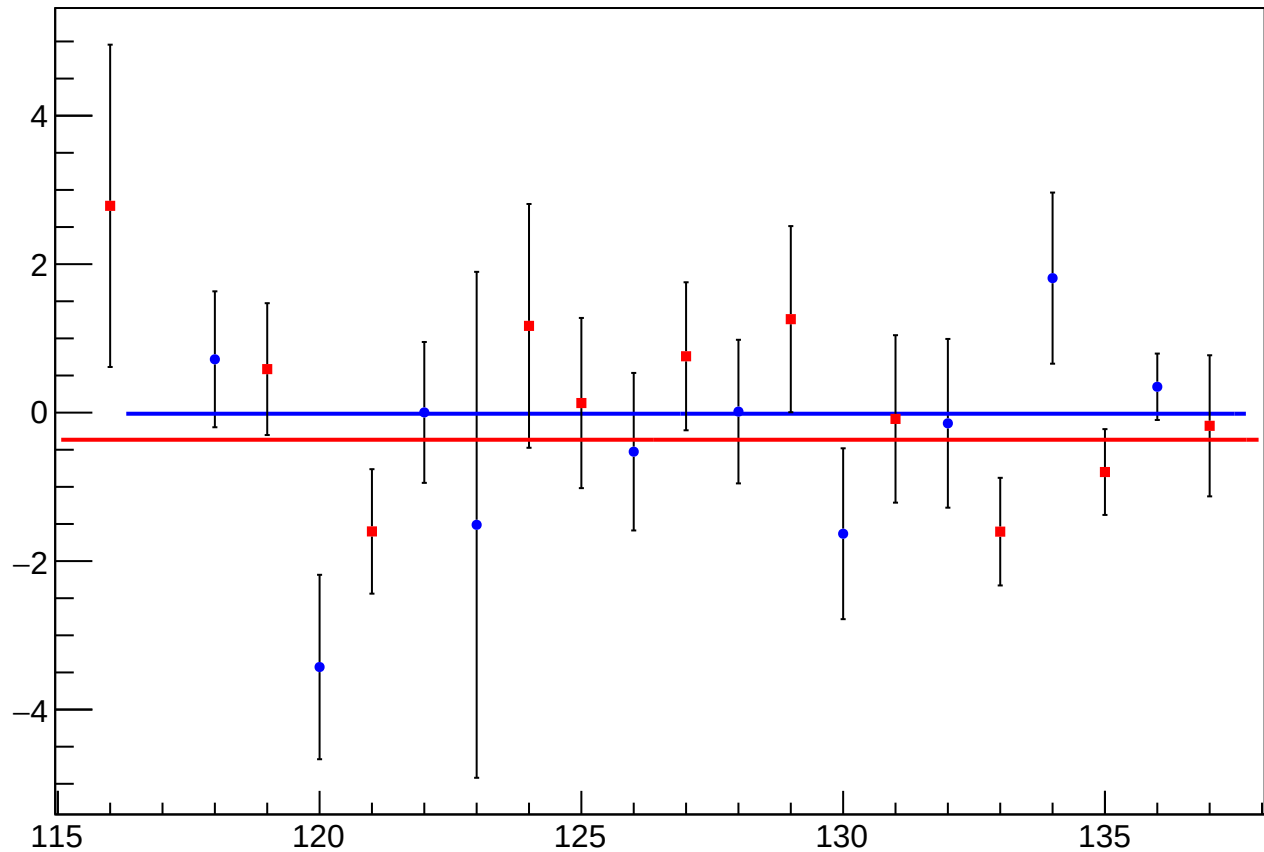
Right: 1112.723+/-0.289 χ^2/NDF : 998517.5/20

In: 1083.003+/-0.398 χ^2/NDF : 548167.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.723+/-0.289 χ^2/NDF : 998517.5/20

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.285 χ^2 /NDF: 13.8/9

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

Right Out: -0.365 $\pm$ 0.283 χ^2 /NDF: 13.0/10

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

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

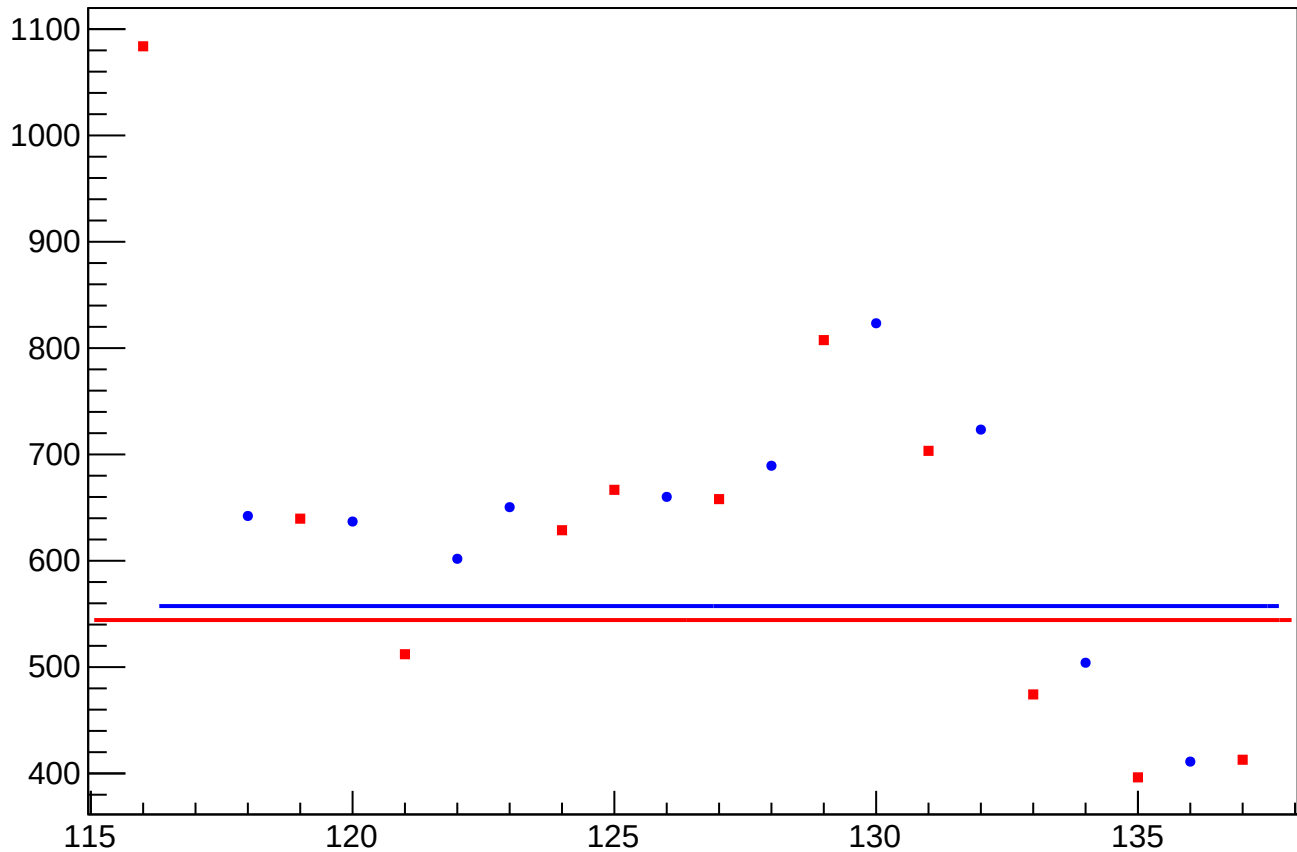
Right: -0.191 $\pm$ 0.201 χ^2 /NDF: 27.5/20

In: -0.015 $\pm$ 0.285 χ^2 /NDF:13.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.191 $\pm$ 0.201 χ^2 /NDF: 27.5/20

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 557.401+/-0.202 χ^2/NDF : 454919.0/9

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

Right Out: 544.249+/-0.200 χ^2/NDF : 519580.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

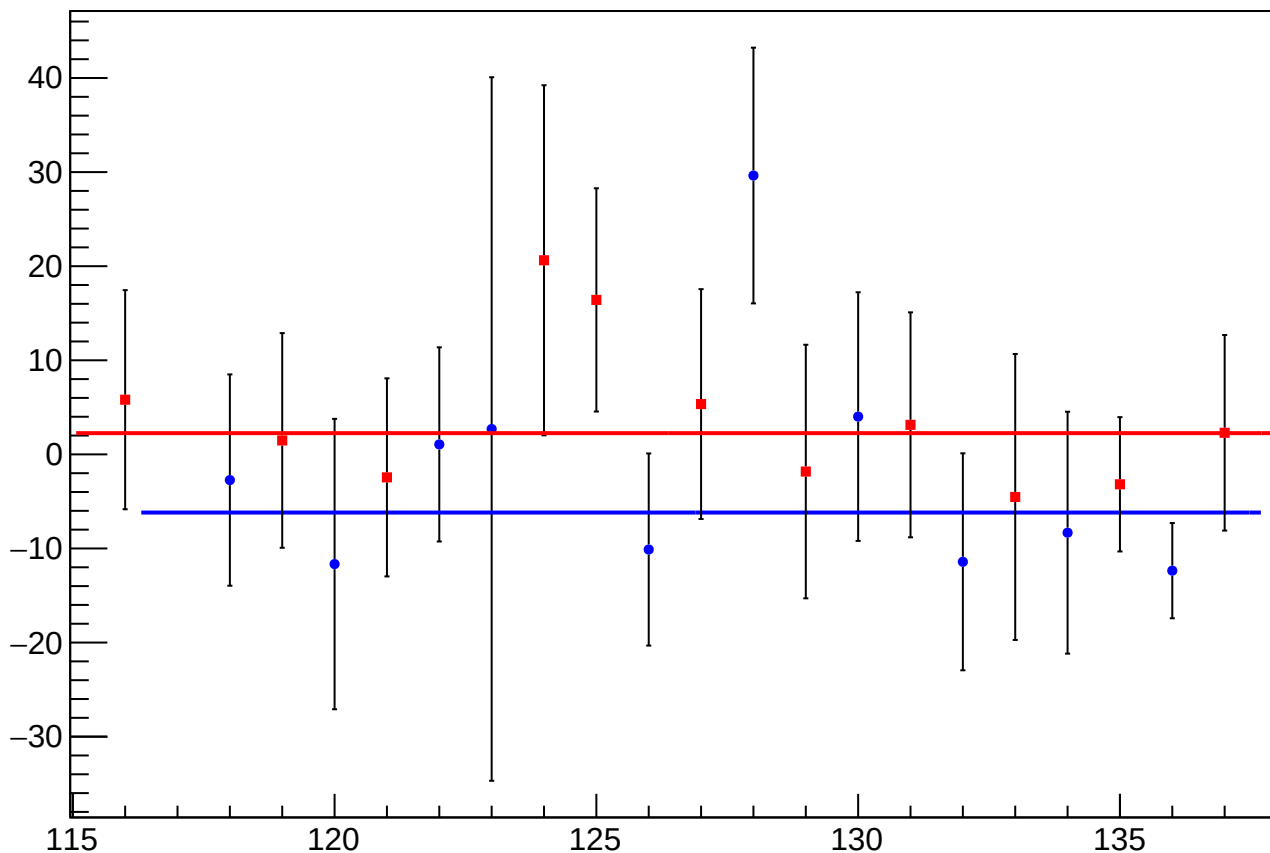
Right: 550.775+/-0.142 χ^2/NDF : 976639.2/20

In: 557.401+/-0.202 χ^2/NDF : 454919.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.775+/-0.142 χ^2/NDF : 976639.2/20

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -6.182 ± 3.234 χ^2/NDF : 10.2/9

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

Right Out: 2.258 ± 3.400 χ^2/NDF : 3.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

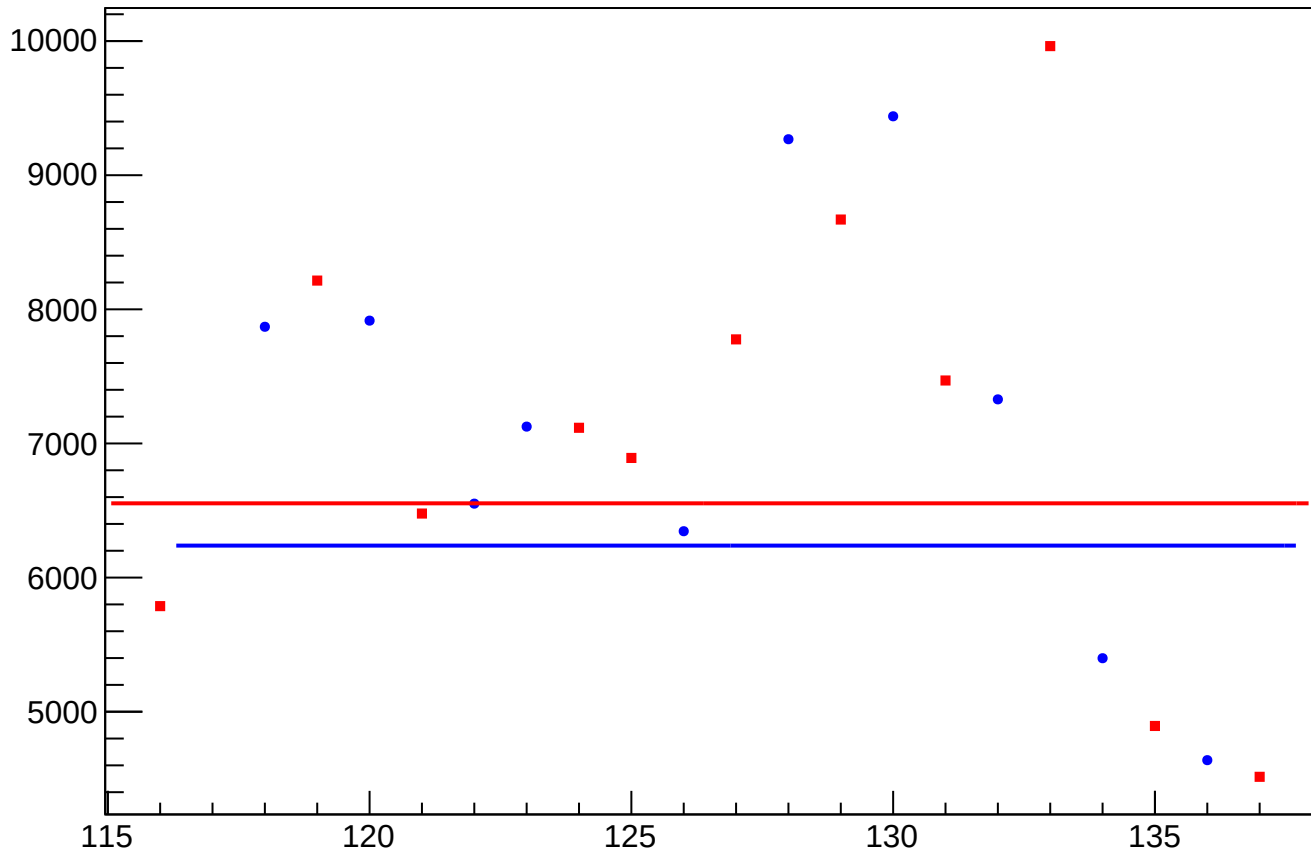
Right: -2.172 ± 2.343 χ^2/NDF : 17.1/20

In: -6.182 ± 3.234 χ^2/NDF : 10.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.172 ± 2.343 χ^2/NDF : 17.1/20

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 6238.435+/-2.287 χ^2/NDF : 512056.3/9

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

Right Out: 6553.608+/-2.404 χ^2/NDF : 421515.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

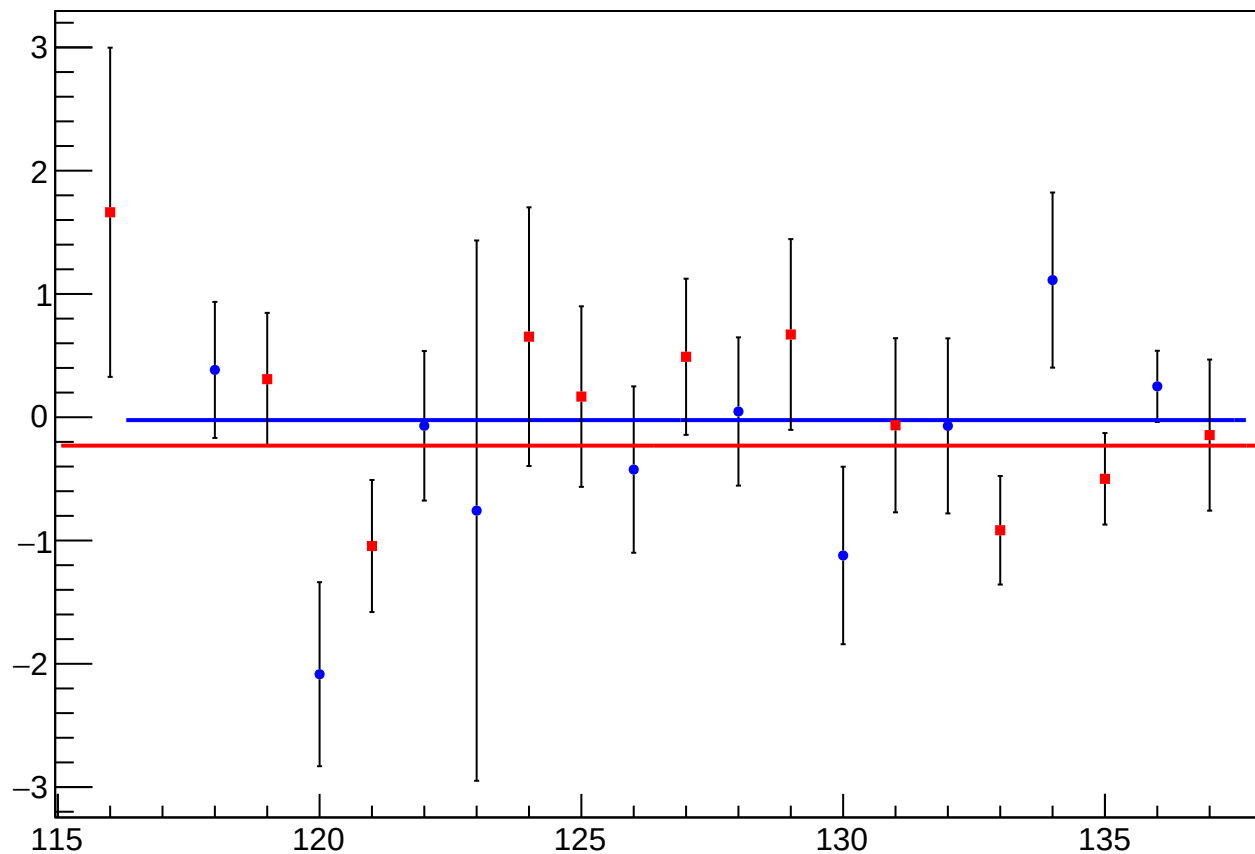
Right: 6388.165+/-1.657 χ^2/NDF : 942593.7/20

In: 6238.435+/-2.287 χ^2/NDF : 512056.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6388.165+/-1.657 χ^2/NDF : 942593.7/20

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.180 χ^2/NDF : 14.4/9

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

Right Out: -0.230+/-0.178 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

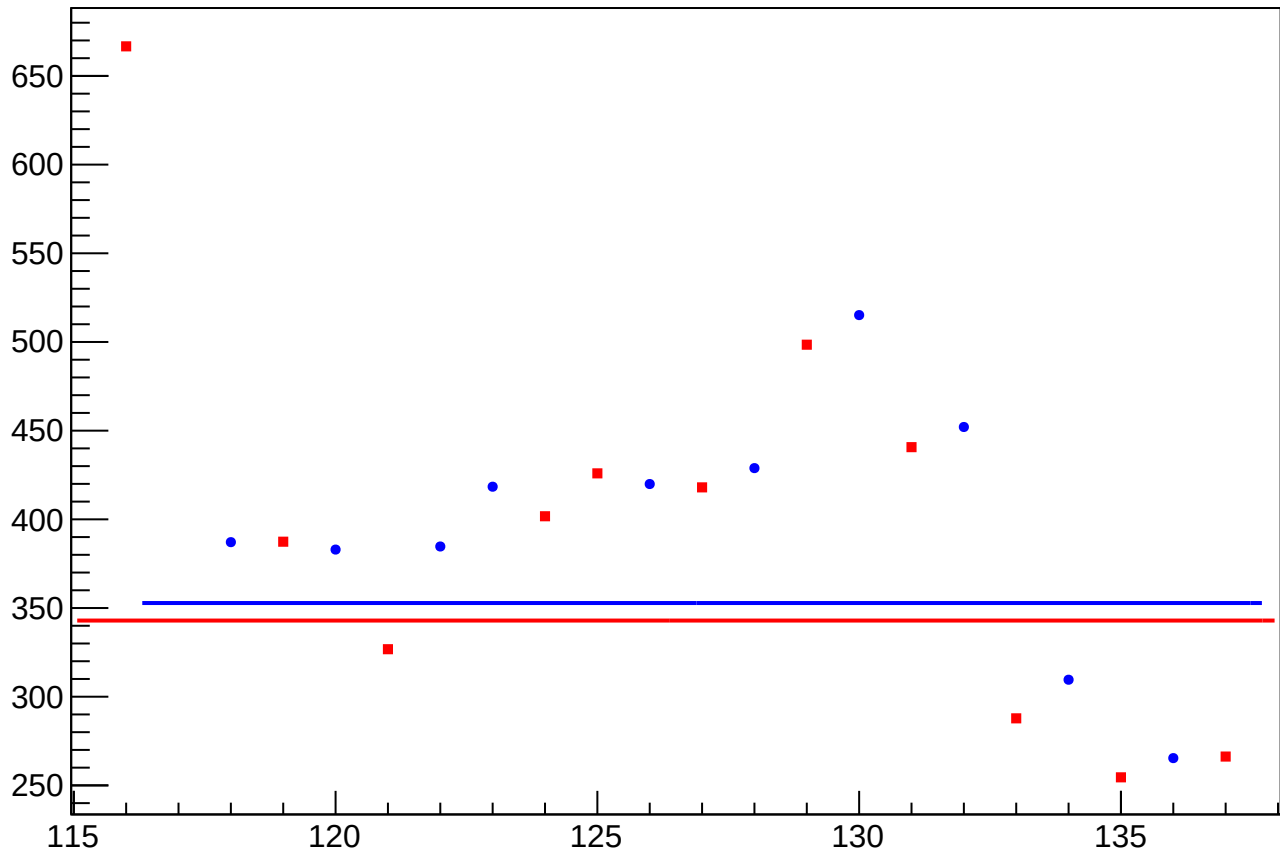
Right: -0.128+/-0.127 χ^2/NDF : 27.1/20

In: -0.023+/-0.180 χ^2/NDF :14.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.128+/-0.127 χ^2/NDF : 27.1/20

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 352.816+/-0.127 χ^2/NDF : 401747.0/9

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

Right Out: 342.938+/-0.126 χ^2/NDF : 488405.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

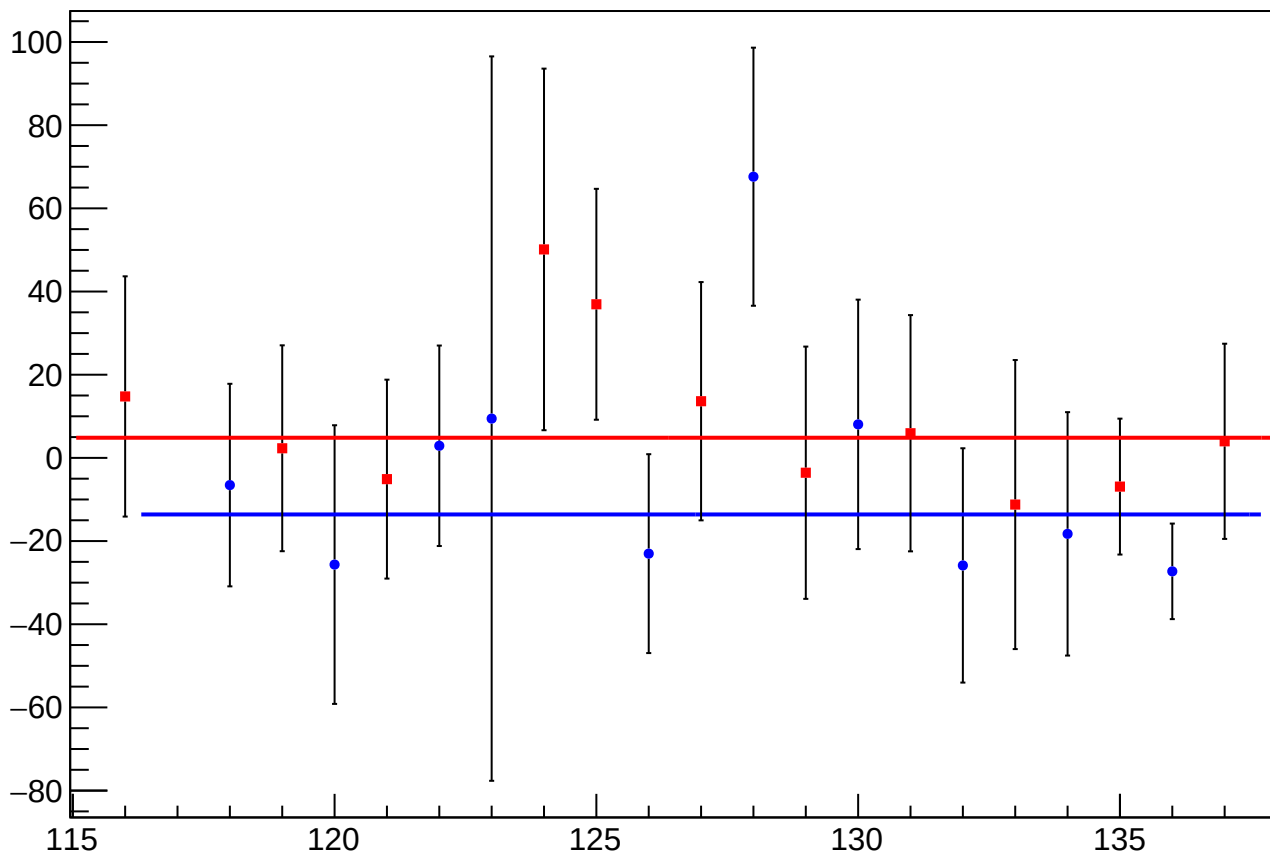
Right: 347.824+/-0.090 χ^2/NDF : 893196.0/20

In: 352.816+/-0.127 χ^2/NDF : 401747.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.824+/-0.090 χ^2/NDF : 893196.0/20

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -13.601 $\pm$ 7.385 χ^2 /NDF: 9.9/9

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

Right Out: 4.845 $\pm$ 7.823 χ^2 /NDF: 3.6/10

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

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

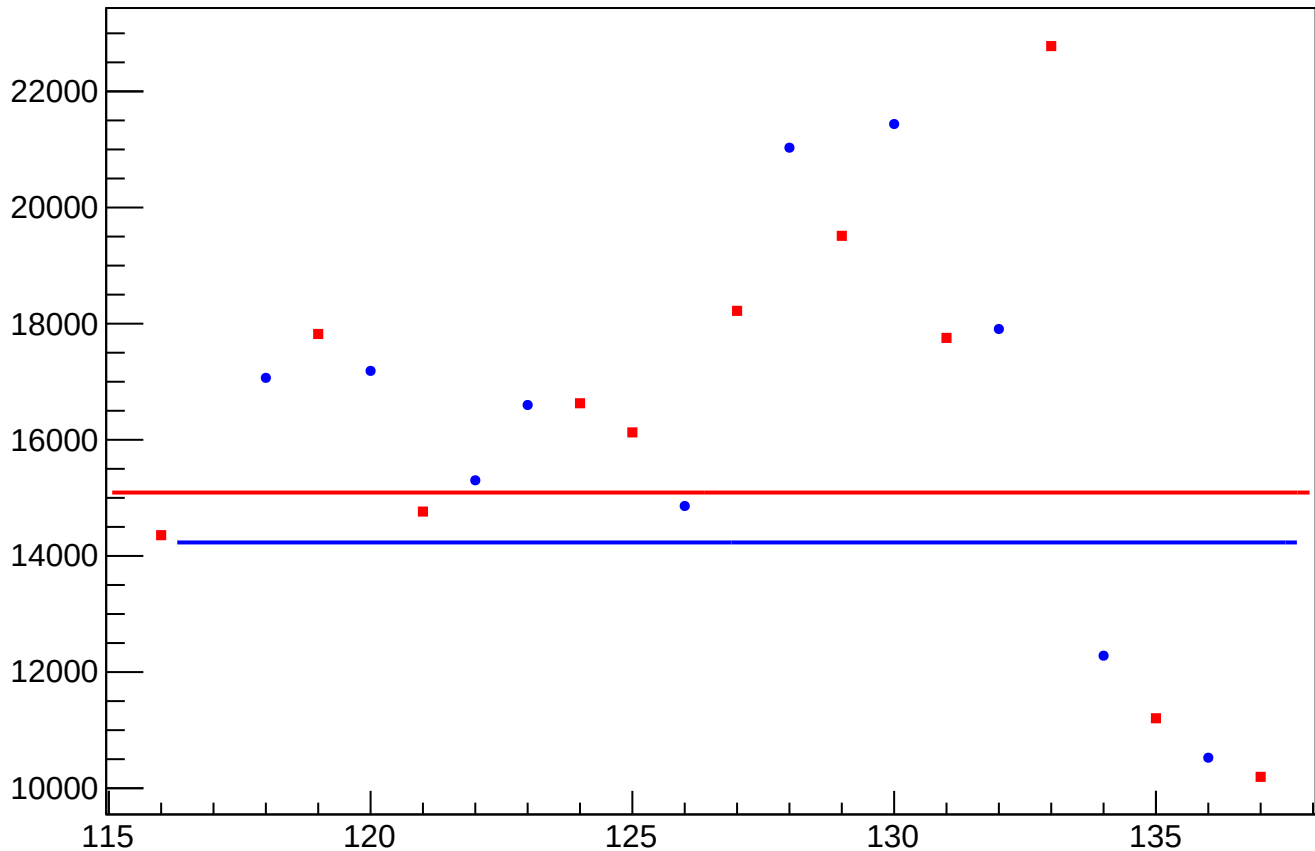
Right: -4.909 $\pm$ 5.370 χ^2 /NDF: 16.5/20

In: -13.601 $\pm$ 7.385 χ^2 /NDF: 9.9/9

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

All: -4.909 $\pm$ 5.370 χ^2 /NDF: 16.5/20

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14232.323+/-5.222 χ^2/NDF : 512135.5/9

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

Right Out: 15091.768+/-5.532 χ^2/NDF : 413347.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

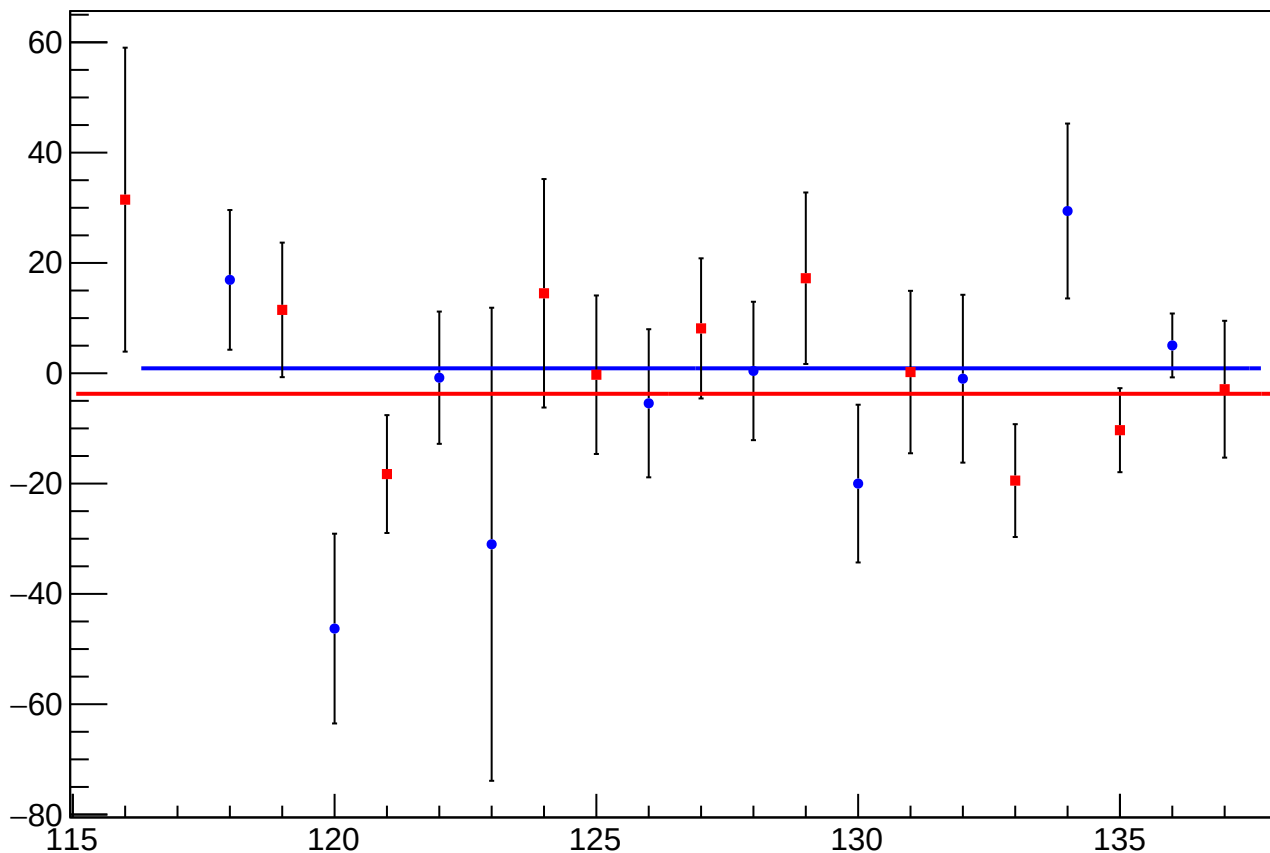
Right: 14637.305+/-3.797 χ^2/NDF : 938247.3/20

In: 14232.323+/-5.222 χ^2/NDF :512135.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14637.305+/-3.797 χ^2/NDF : 938247.3/20

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.896+/-3.726 χ^2/NDF : 15.8/9

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

Right Out: -3.722+/-3.721 χ^2/NDF : 11.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

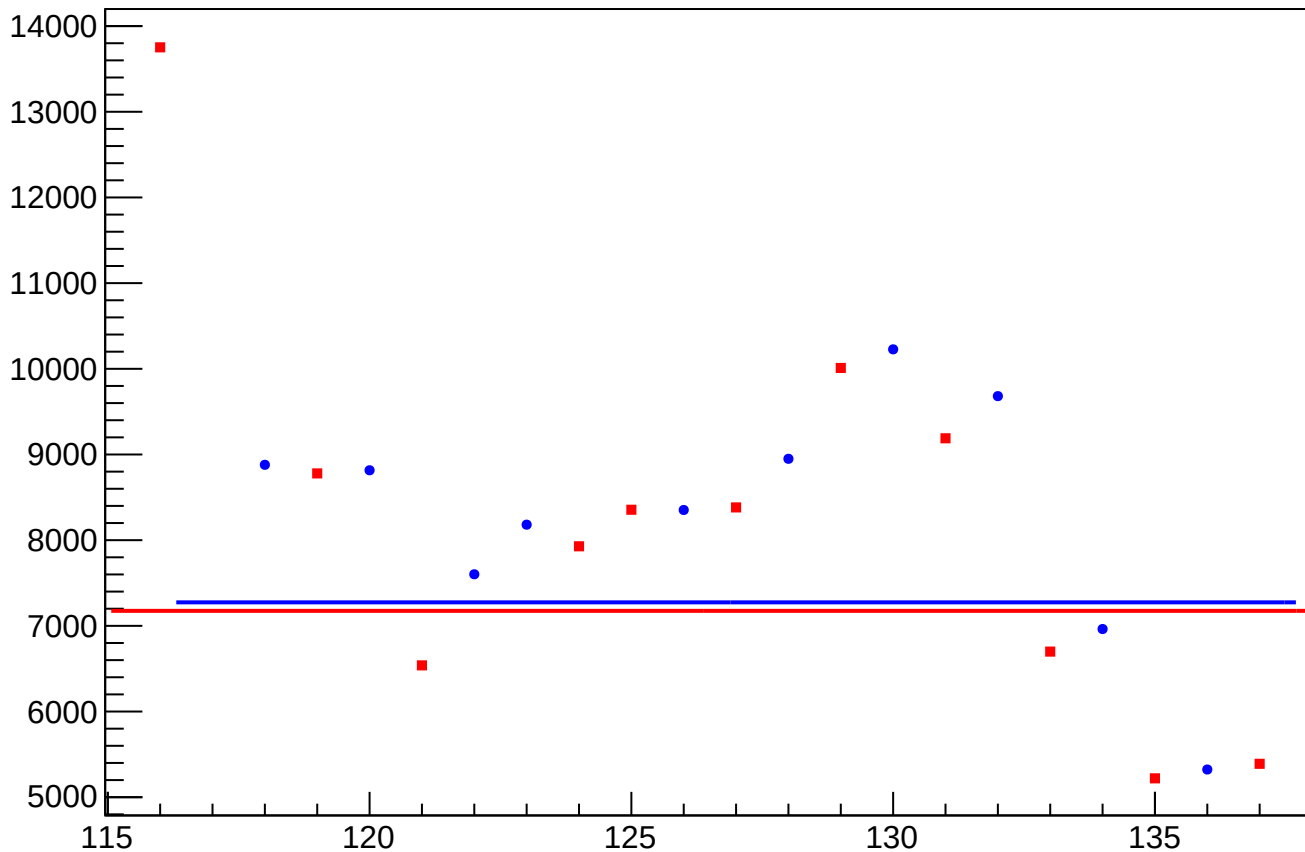
Right: -1.416+/-2.633 χ^2/NDF : 28.3/20

In: 0.896+/-3.726 χ^2/NDF : 15.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.416+/-2.633 χ^2/NDF : 28.3/20

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7274.271+/-2.634 χ^2/NDF : 462418.1/9

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

Right Out: 7175.118+/-2.631 χ^2/NDF : 471243.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

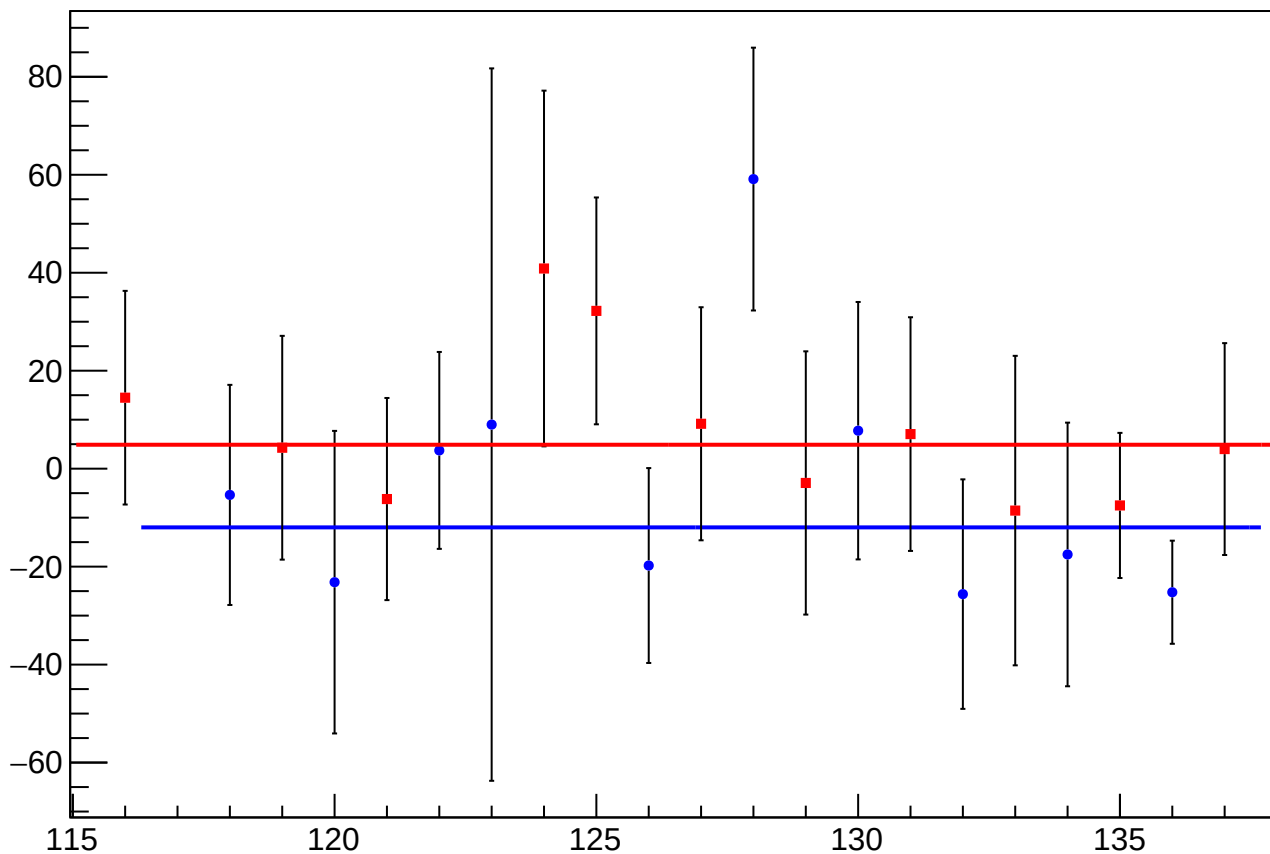
Right: 7224.636+/-1.862 χ^2/NDF : 934371.1/20

In: 7274.271+/-2.634 χ^2/NDF : 462418.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7224.636+/-1.862 χ^2/NDF : 934371.1/20

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -11.986 $\pm$ 6.553 χ^2 /NDF: 10.6/9

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

Right Out: 4.884 $\pm$ 6.805 χ^2 /NDF: 3.9/10

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

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

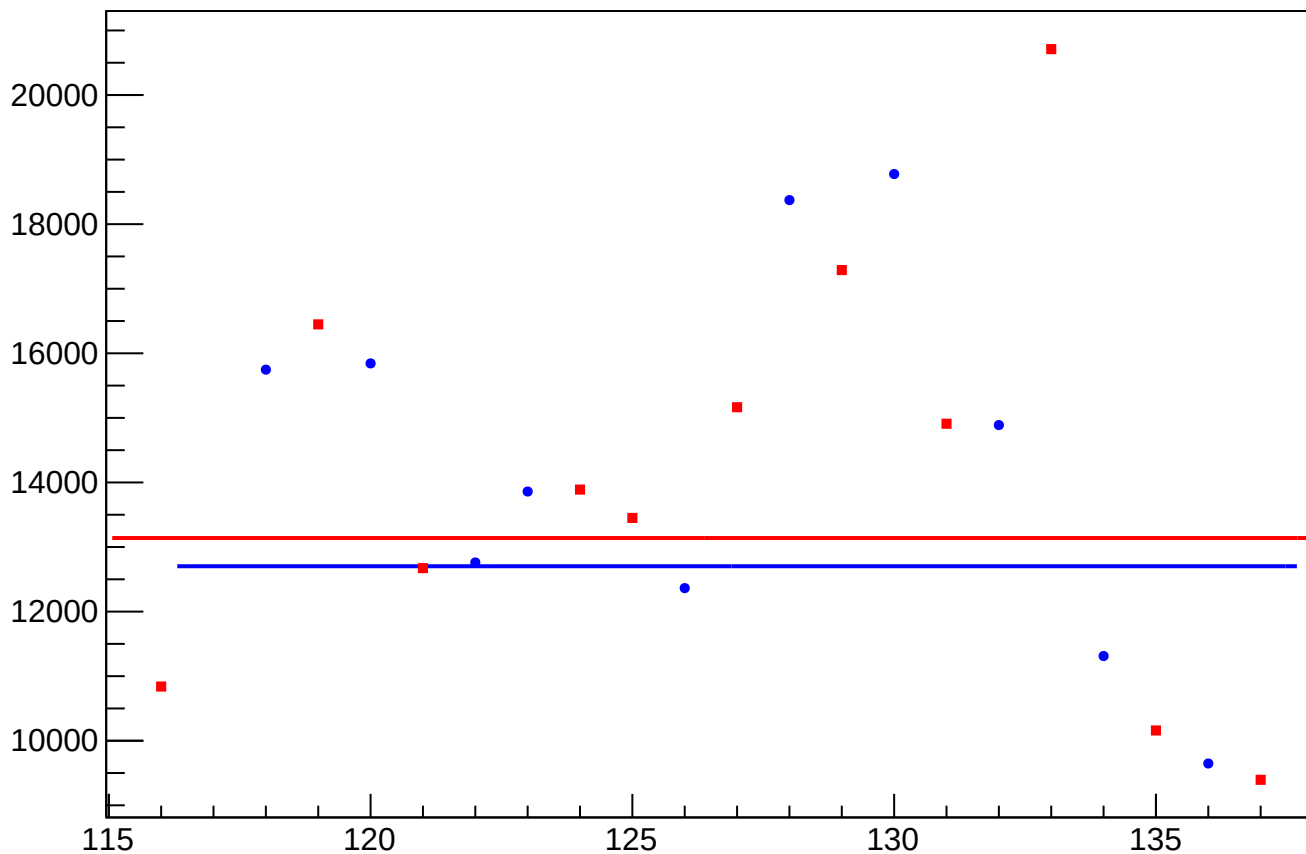
Right: -3.869 $\pm$ 4.720 χ^2 /NDF: 17.7/20

In: -11.986 $\pm$ 6.553 χ^2 /NDF:10.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.869 $\pm$ 4.720 χ^2 /NDF: 17.7/20

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12702.442+/-4.634 χ^2/NDF : 445924.4/9

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

Right Out: 13139.322+/-4.812 χ^2/NDF : 395411.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

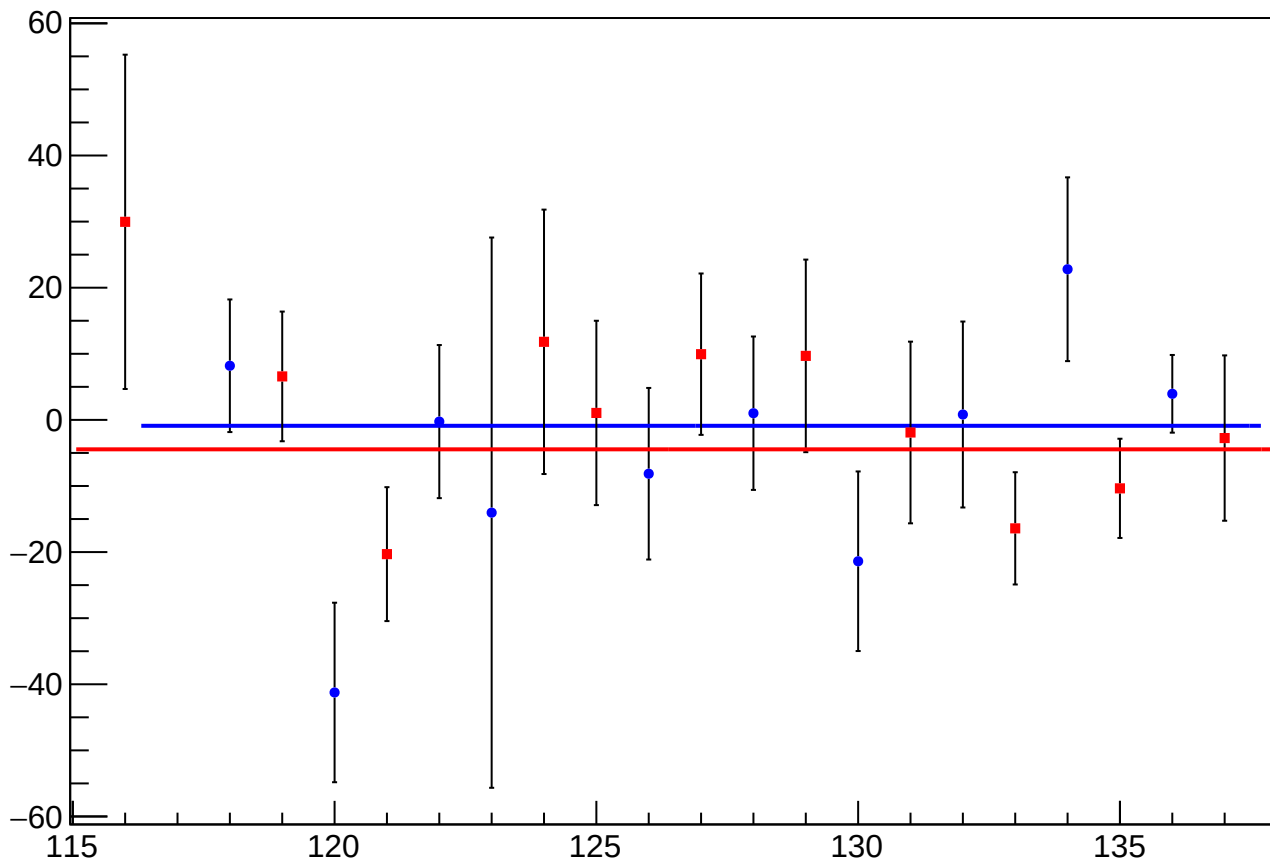
Right: 12912.660+/-3.338 χ^2/NDF : 845612.6/20

In: 12702.442+/-4.634 χ^2/NDF : 445924.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12912.660+/-3.338 χ^2/NDF : 845612.6/20

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -0.894 ± 3.506 χ^2/NDF : 16.0/9

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

Right Out: -4.455 ± 3.449 χ^2/NDF : 11.4/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

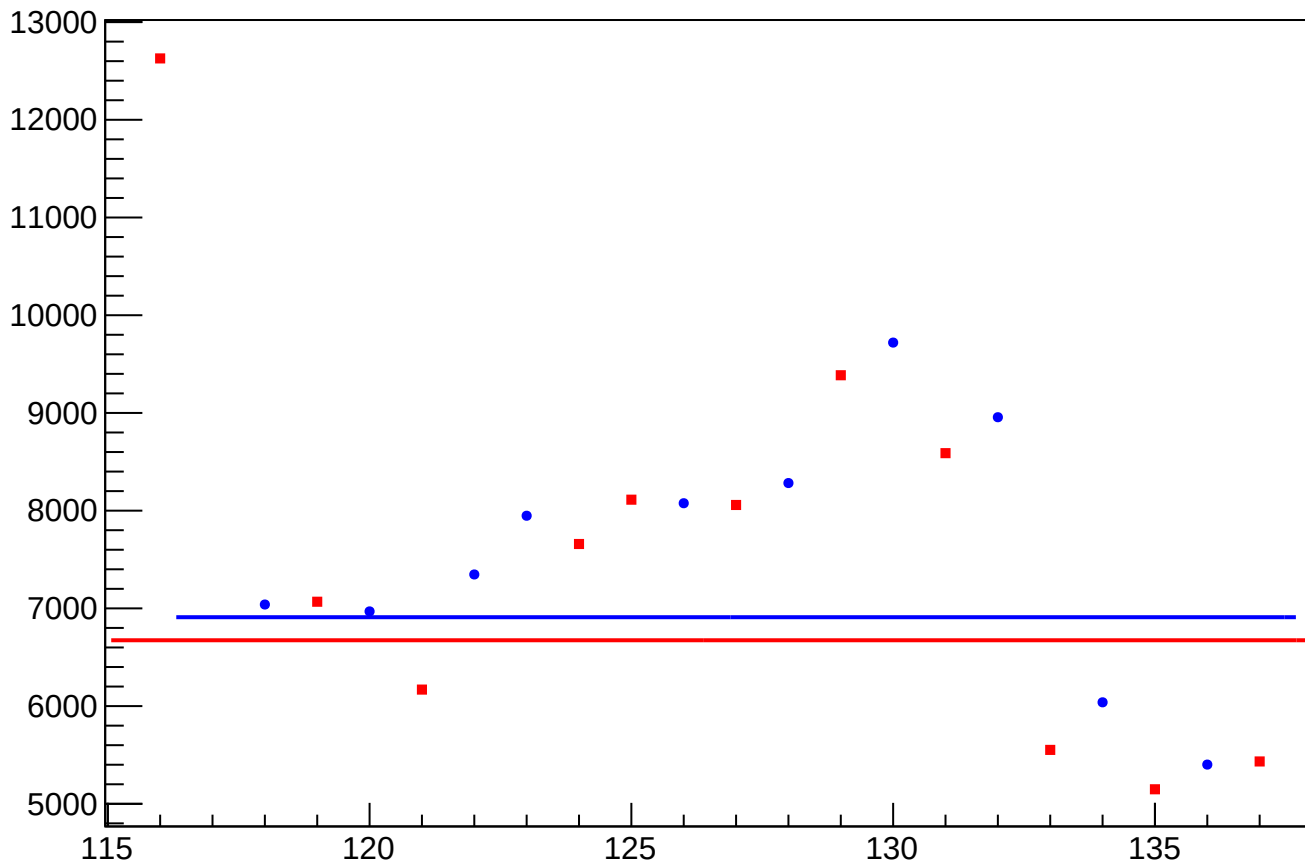
Right: -2.703 ± 2.459 χ^2/NDF : 27.9/20

In: -0.894 ± 3.506 χ^2/NDF : 16.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.703 ± 2.459 χ^2/NDF : 27.9/20

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6909.677+/-2.479 χ^2/NDF : 316051.0/9

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

Right Out: 6673.745+/-2.439 χ^2/NDF : 416171.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

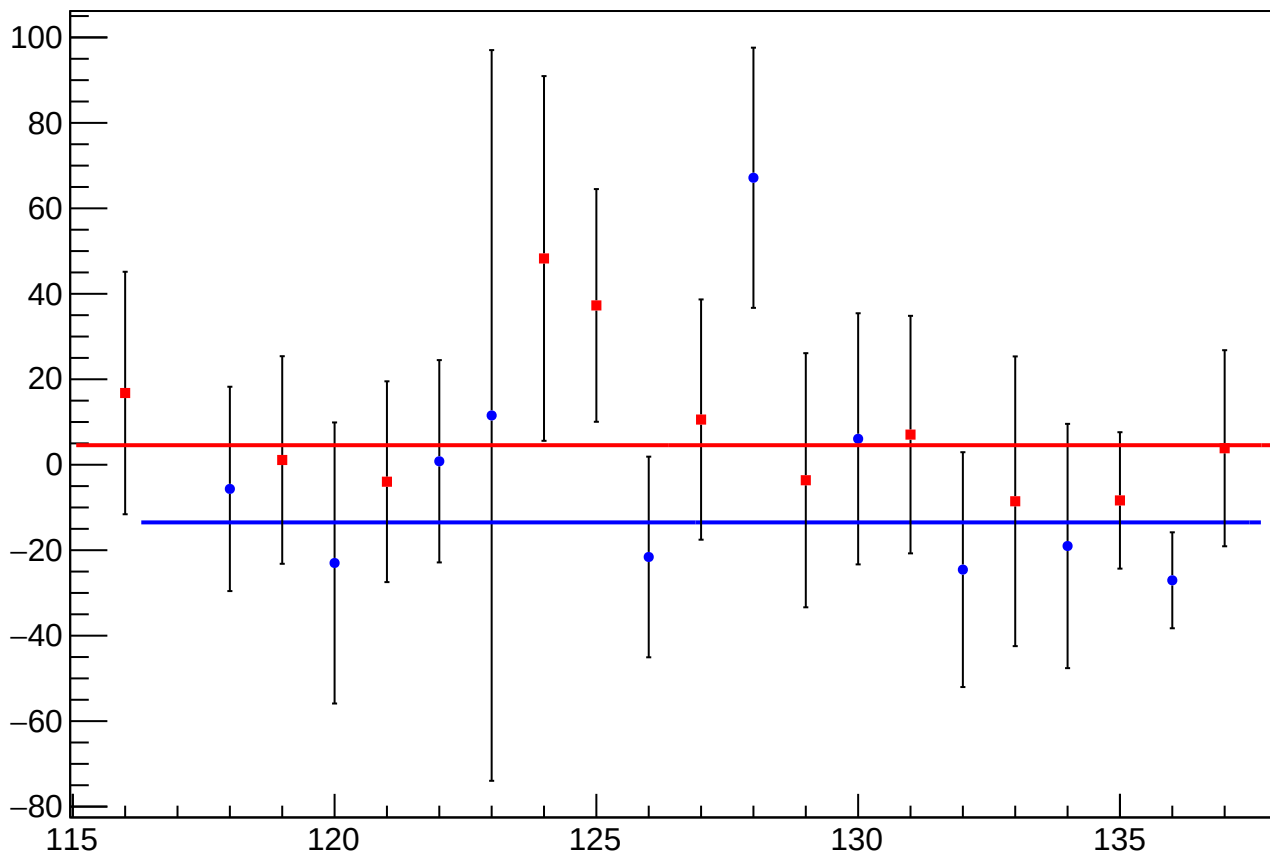
Right: 6789.771+/-1.739 χ^2/NDF : 736825.1/20

In: 6909.677+/-2.479 χ^2/NDF : 316051.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6789.771+/-1.739 χ^2/NDF : 736825.1/20

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -13.492 $\pm$ 7.231 χ^2 /NDF: 9.9/9

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

Right Out: 4.572 $\pm$ 7.663 χ^2 /NDF: 3.8/10

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

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

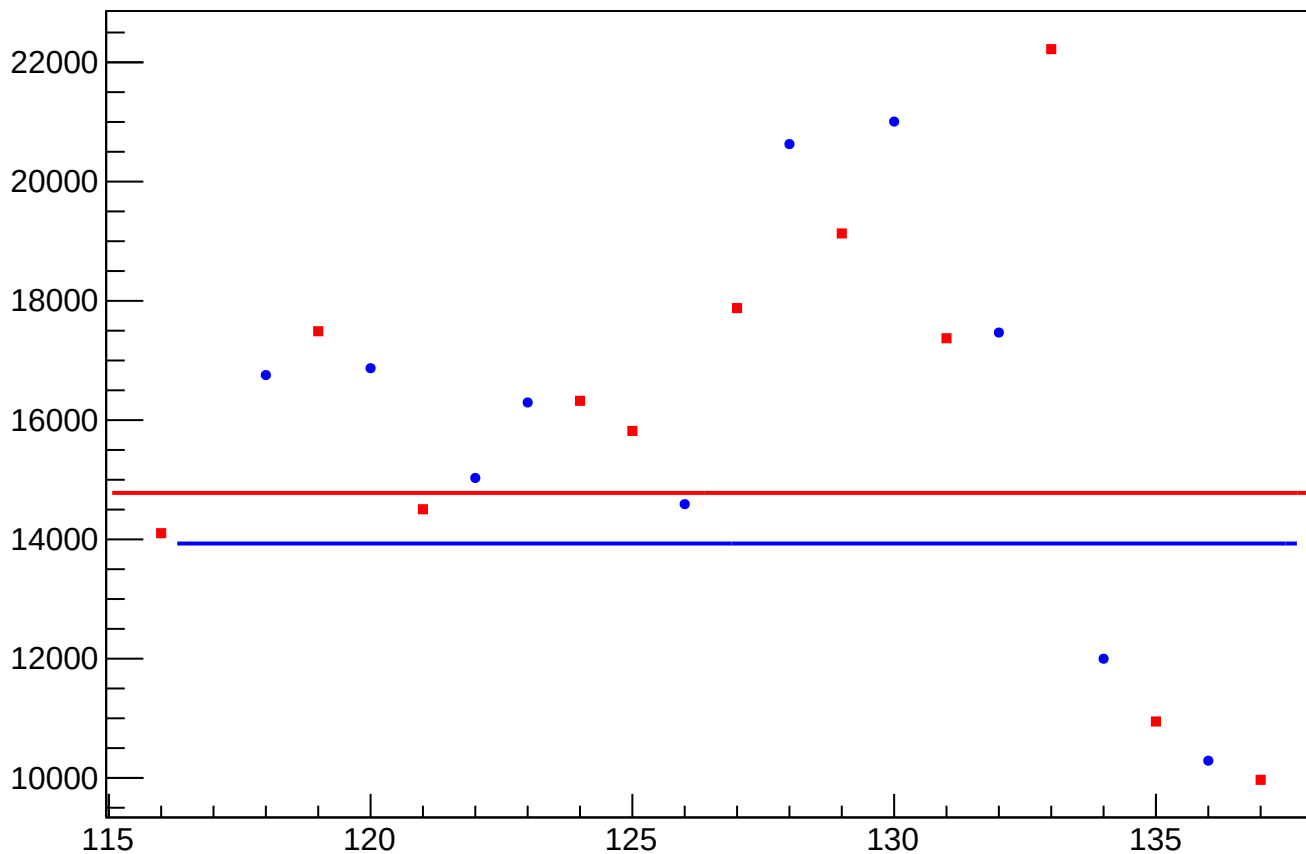
Right: -4.984 $\pm$ 5.259 χ^2 /NDF: 16.6/20

In: -13.492 $\pm$ 7.231 χ^2 /NDF:9.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.984 $\pm$ 5.259 χ^2 /NDF: 16.6/20

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13930.883+/-5.113 χ^2/NDF : 516794.7/9

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

Right Out: 14779.769+/-5.418 χ^2/NDF : 416050.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

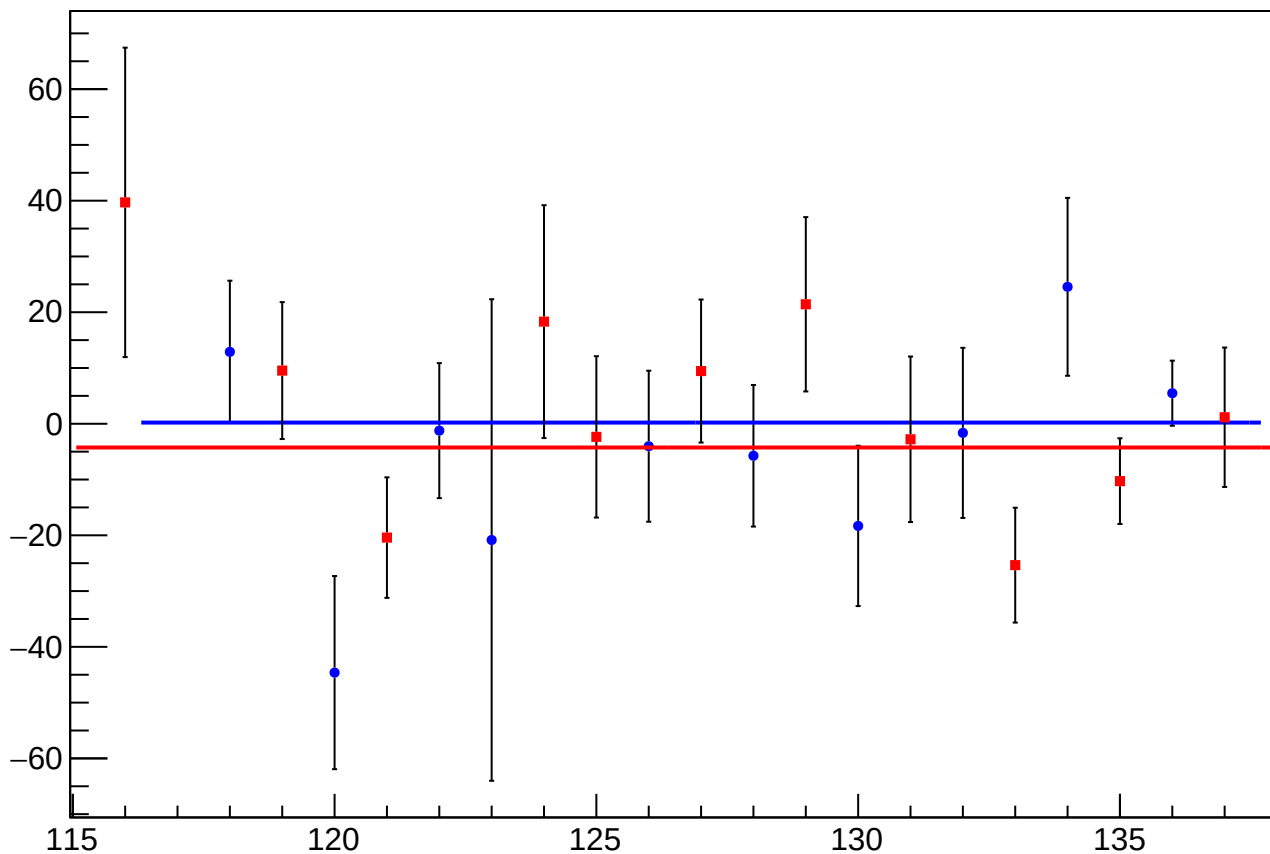
Right: 14330.726+/-3.719 χ^2/NDF : 945828.9/20

In: 13930.883+/-5.113 χ^2/NDF : 516794.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14330.726+/-3.719 χ^2/NDF : 945828.9/20

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.213+/-3.755 χ^2/NDF : 13.1/9

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

Right Out: -4.254+/-3.752 χ^2/NDF : 16.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

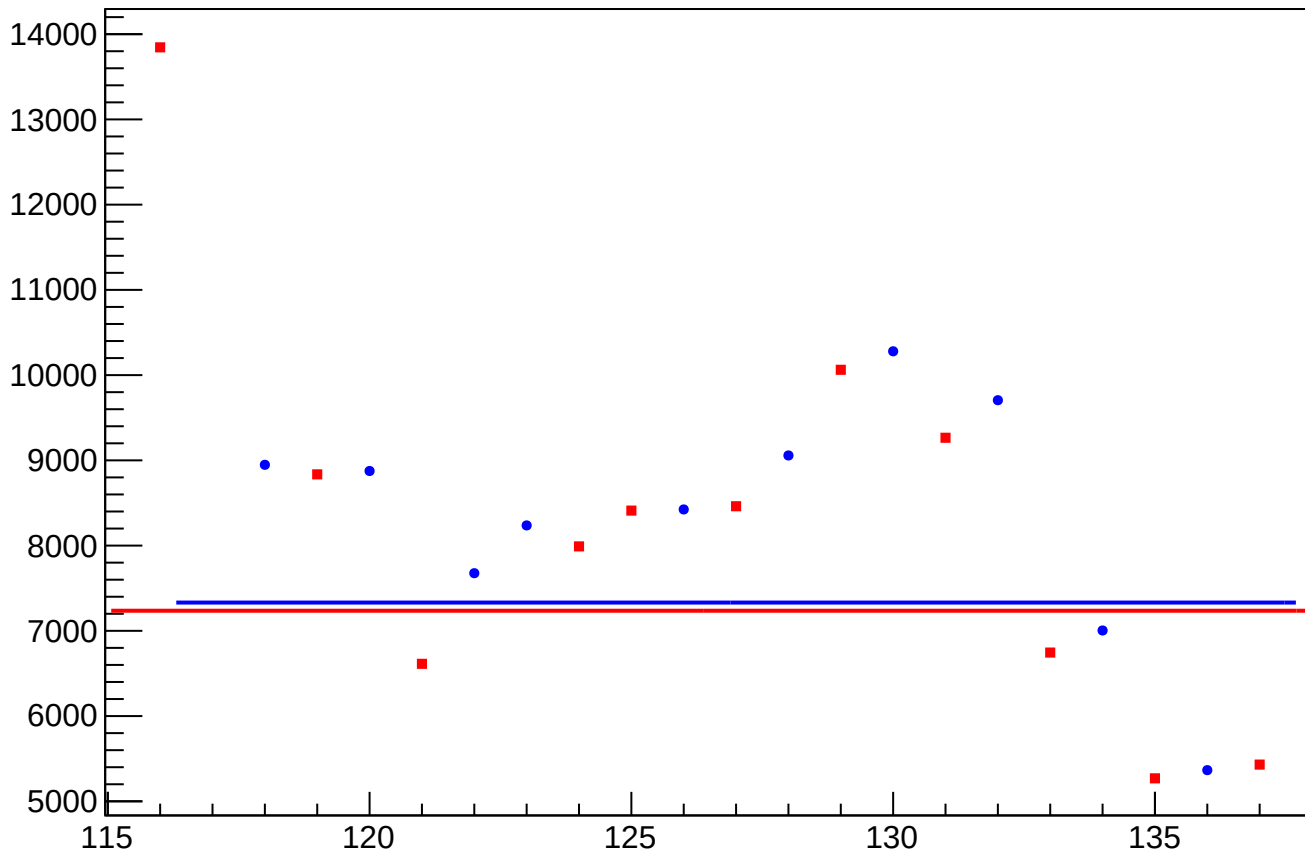
Right: -2.022+/-2.654 χ^2/NDF : 29.8/20

In: 0.213+/-3.755 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.022+/-2.654 χ^2/NDF : 29.8/20

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7331.755+/-2.655 χ^2/NDF : 460944.7/9

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

Right Out: 7235.929+/-2.653 χ^2/NDF : 468162.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

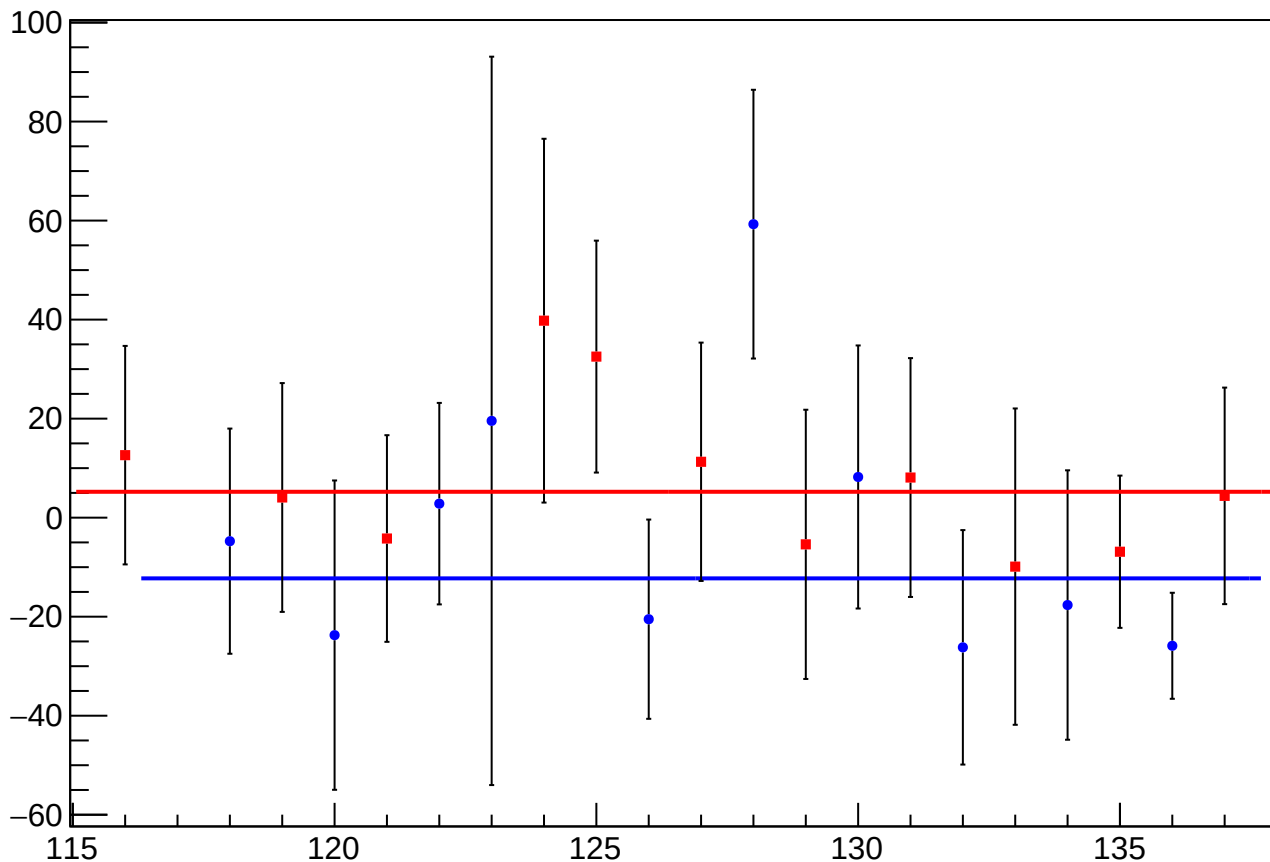
Right: 7283.807+/-1.877 χ^2/NDF : 929758.6/20

In: 7331.755+/-2.655 χ^2/NDF : 460944.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7283.807+/-1.877 χ^2/NDF : 929758.6/20

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -12.262 ± 6.643 χ^2/NDF : 10.7/9

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

Right Out: 5.227 ± 6.919 χ^2/NDF : 3.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

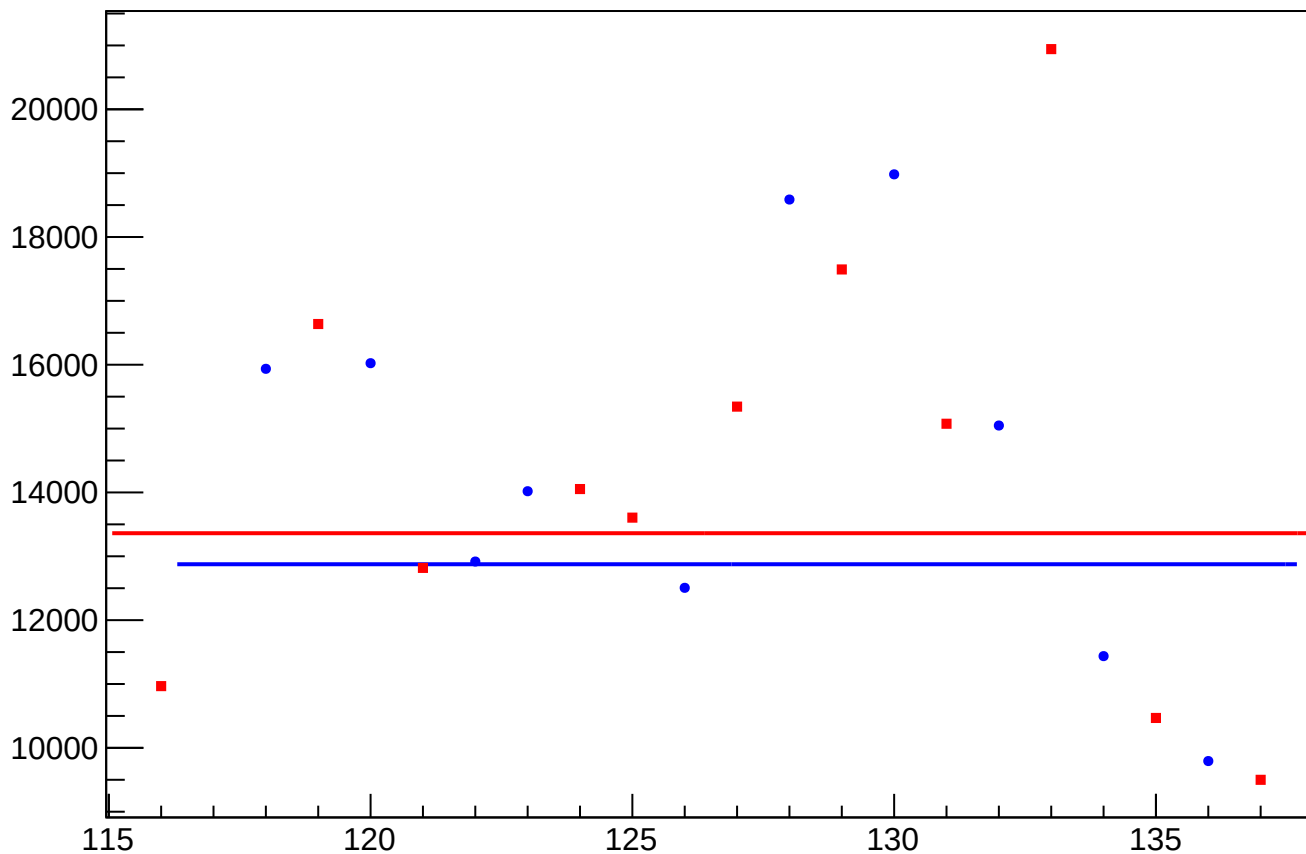
Right: -3.874 ± 4.792 χ^2/NDF : 17.7/20

In: -12.262 ± 6.643 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.874 ± 4.792 χ^2/NDF : 17.7/20

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12875.434+/-4.697 χ^2/NDF : 440108.0/9

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

Right Out: 13361.360+/-4.893 χ^2/NDF : 381703.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

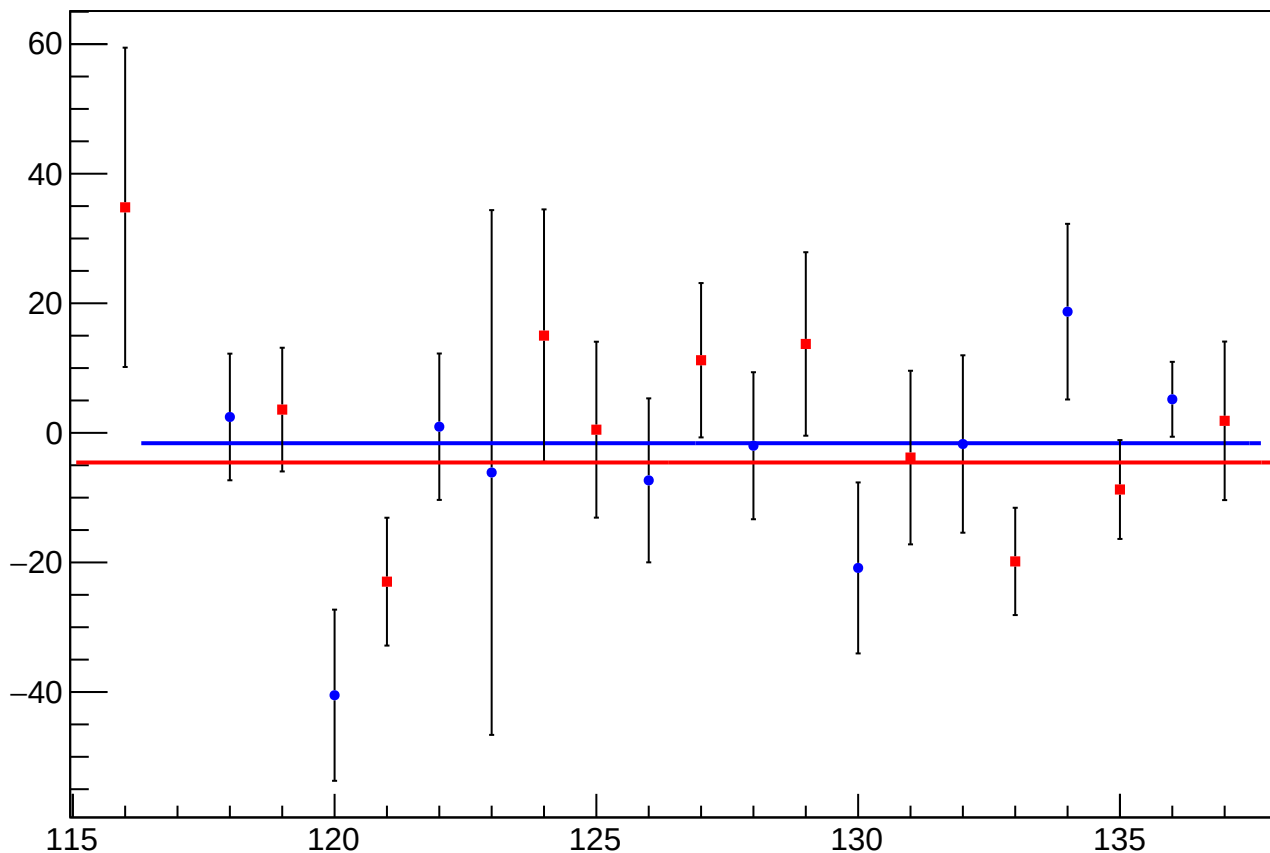
Right: 13108.493+/-3.388 χ^2/NDF : 826944.4/20

In: 12875.434+/-4.697 χ^2/NDF : 440108.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13108.493+/-3.388 χ^2/NDF : 826944.4/20

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -1.597 ± 3.428 χ^2/NDF : 14.9/9

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

Right Out: -4.573 ± 3.390 χ^2/NDF : 15.3/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

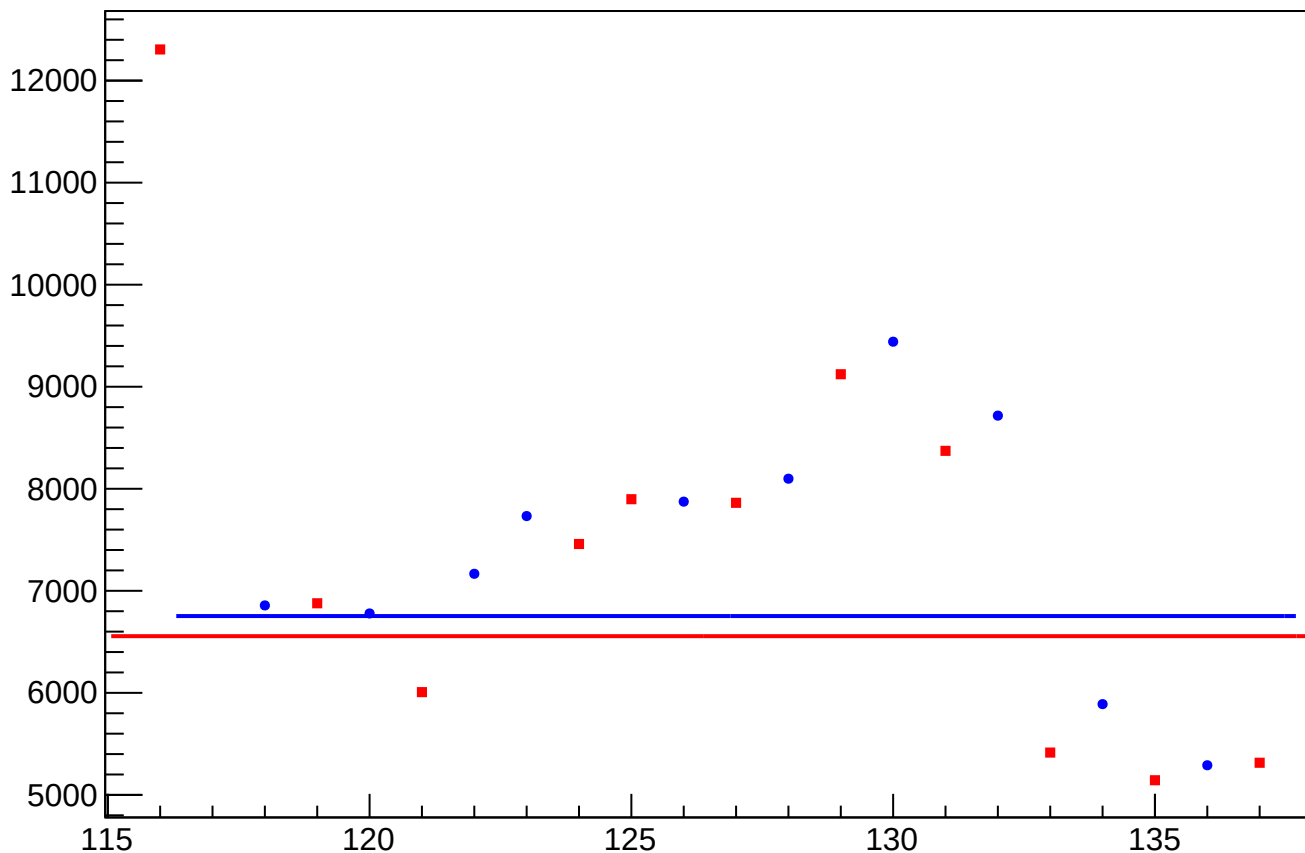
Right: -3.101 ± 2.411 χ^2/NDF : 30.6/20

In: -1.597 ± 3.428 χ^2/NDF : 14.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.101 ± 2.411 χ^2/NDF : 30.6/20

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6752.641+/-2.424 χ^2/NDF : 308224.3/9

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

Right Out: 6555.545+/-2.397 χ^2/NDF : 394710.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

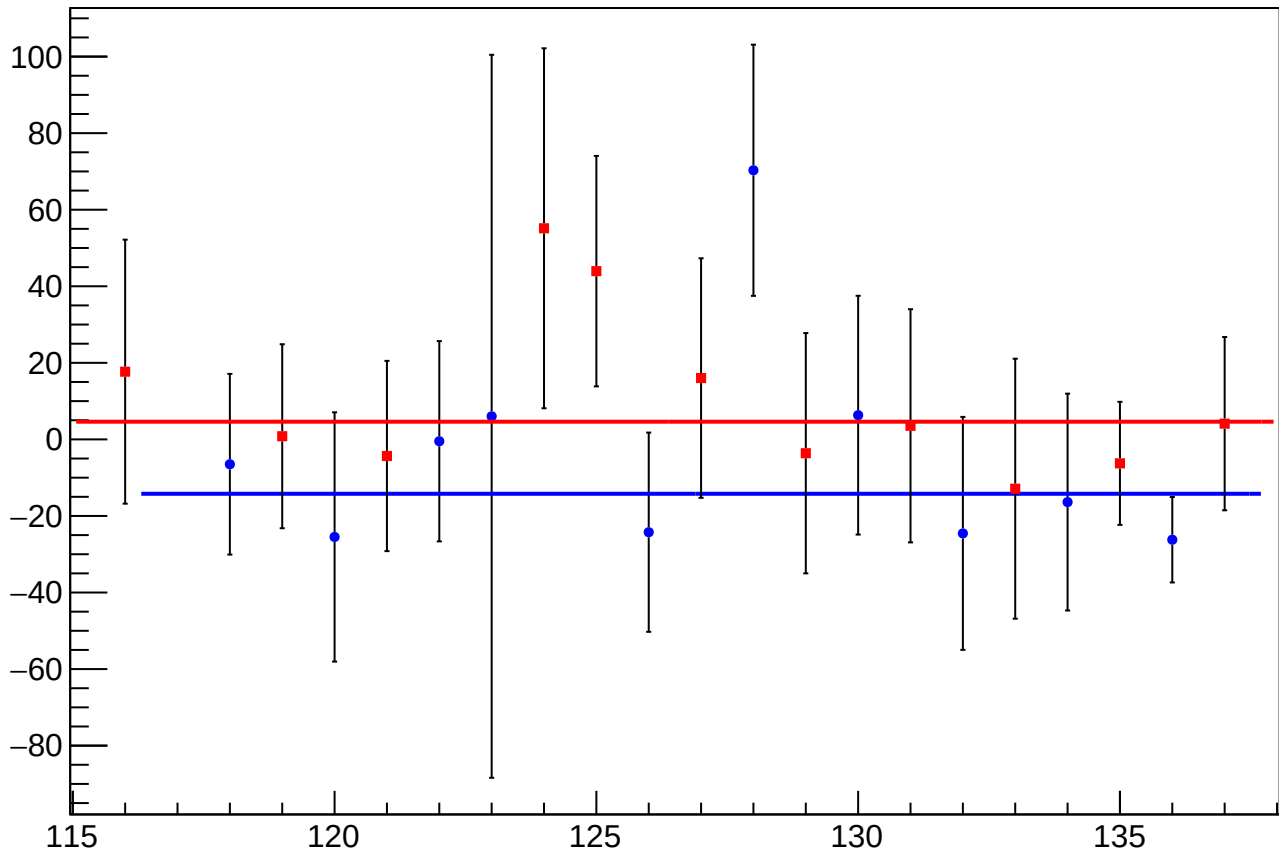
Right: 6653.013+/-1.704 χ^2/NDF : 706276.9/20

In: 6752.641+/-2.424 χ^2/NDF : 308224.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6653.013+/-1.704 χ^2/NDF : 706276.9/20

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -14.203+/-7.433 χ^2/NDF : 9.0/9

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

Right Out: 4.624+/-8.019 χ^2/NDF : 4.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

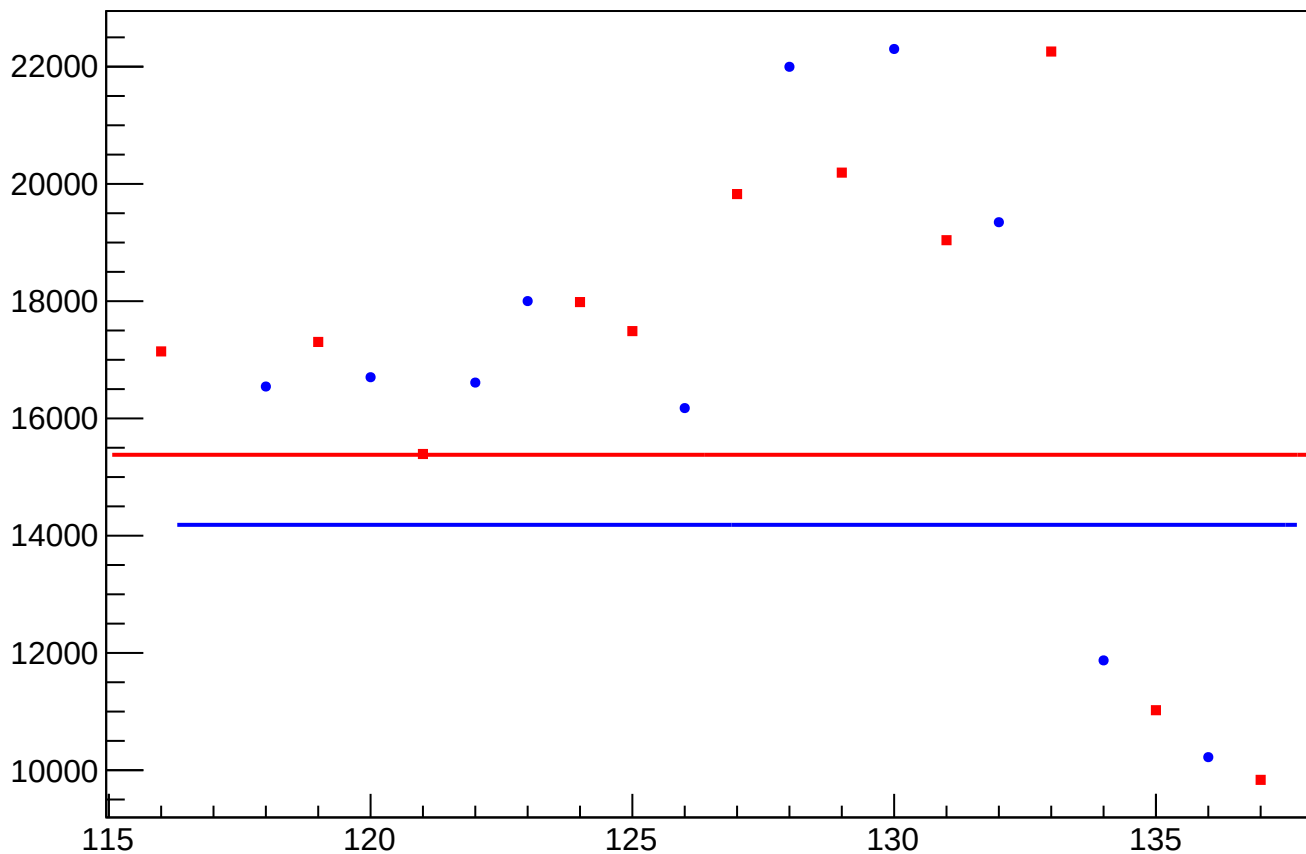
Right: -5.503+/-5.451 χ^2/NDF : 16.1/20

In: -14.203+/-7.433 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.503+/-5.451 χ^2/NDF : 16.1/20

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14185.028+/-5.256 χ^2/NDF : 636028.8/9

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

Right Out: 15379.879+/-5.670 χ^2/NDF : 499345.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

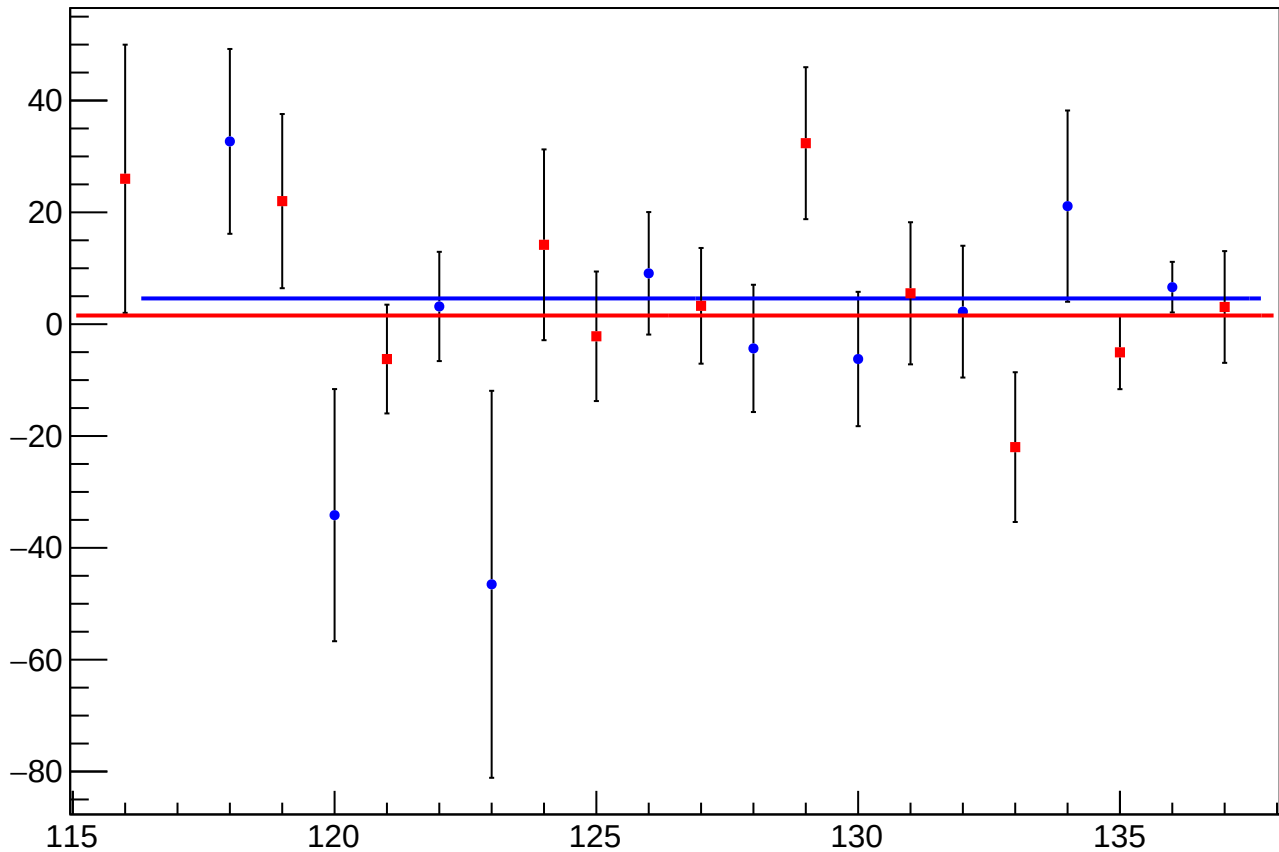
Right: 14737.200+/-3.855 χ^2/NDF : 1159259.2/20

In: 14185.028+/-5.256 χ^2/NDF : 636028.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14737.200+/-3.855 χ^2/NDF : 1159259.2/20

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 4.604+/-3.173 χ^2/NDF : 10.8/9

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

Right Out: 1.552+/-3.392 χ^2/NDF : 13.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

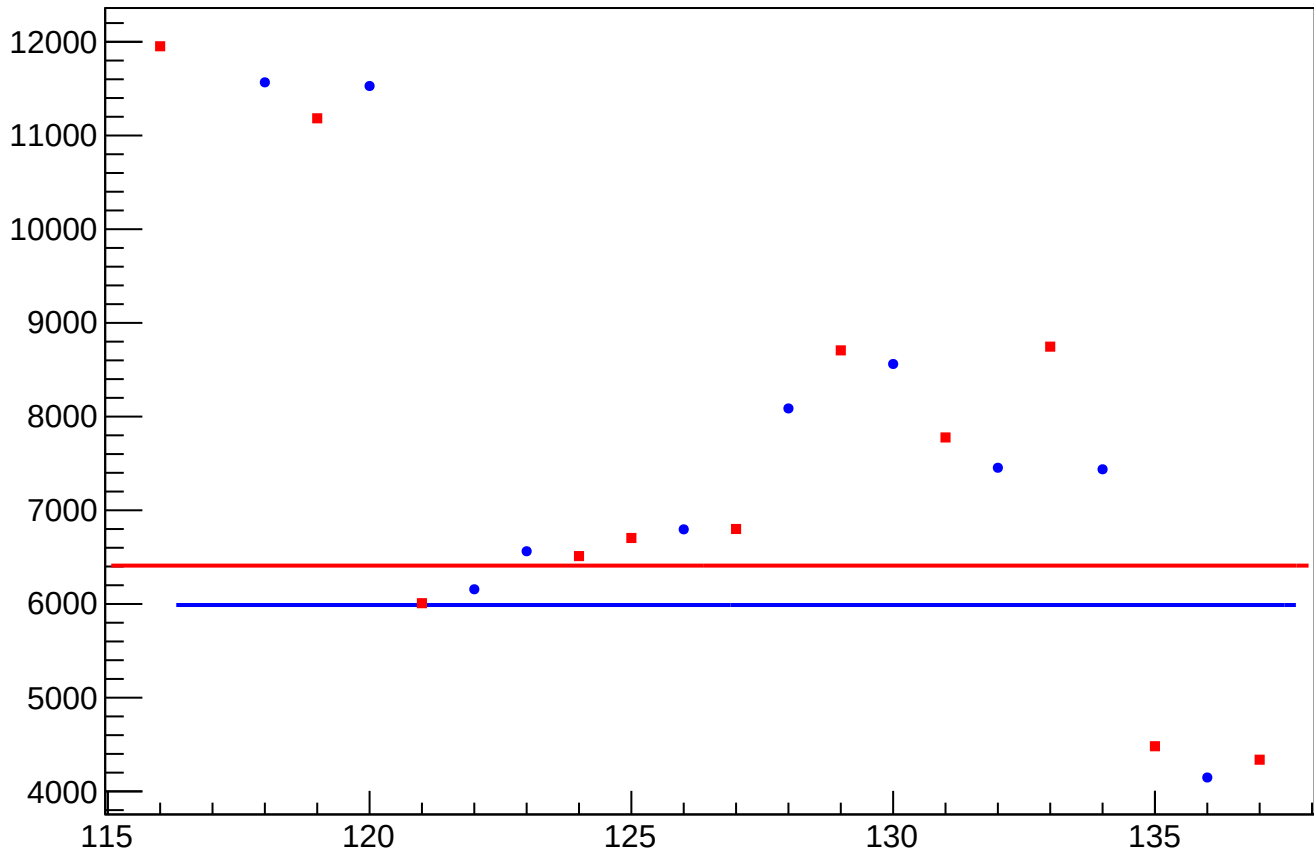
Right: 3.180+/-2.317 χ^2/NDF : 24.7/20

In: 4.604+/-3.173 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.180+/-2.317 χ^2/NDF : 24.7/20

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 5989.093+/-2.244 χ^2/NDF : 896123.3/9

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

Right Out: 6409.576+/-2.398 χ^2/NDF : 701032.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

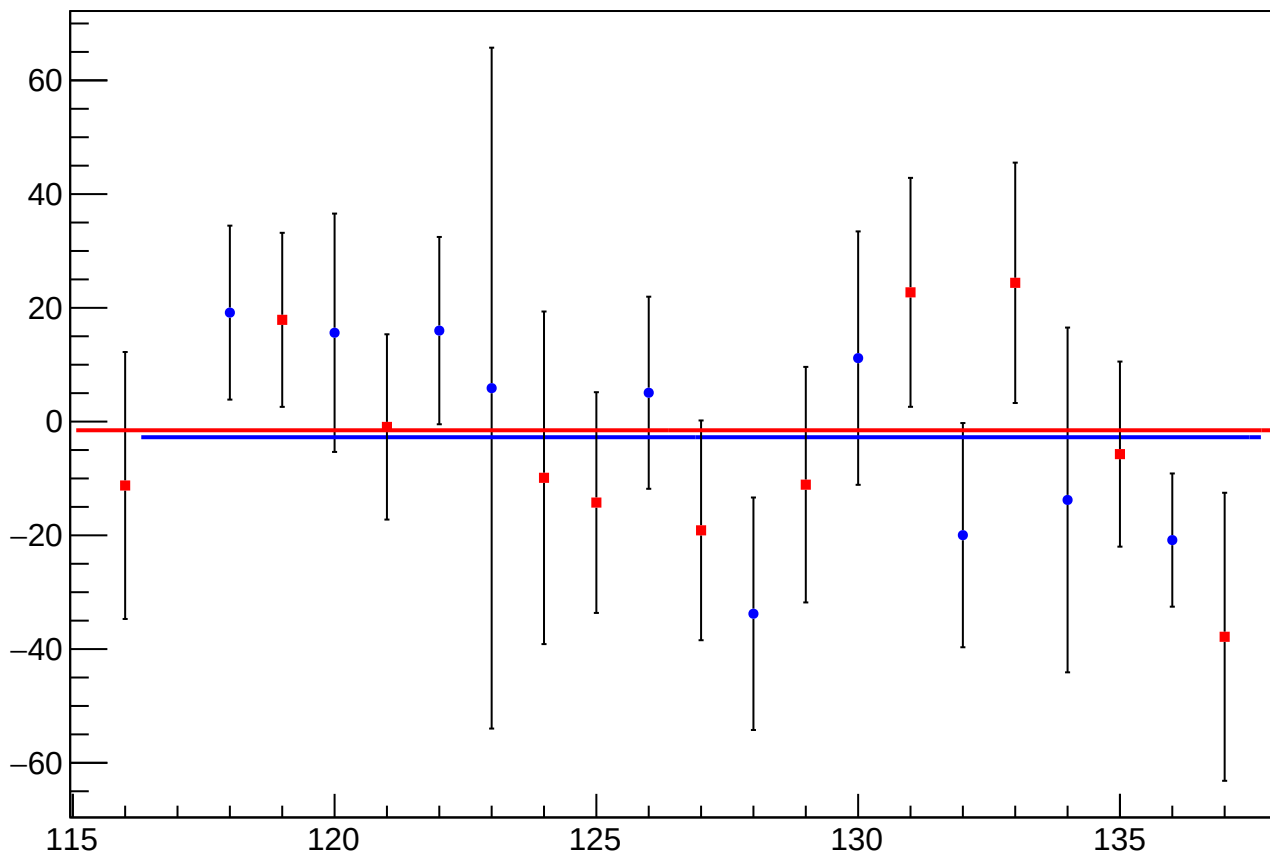
Right: 6185.344+/-1.638 χ^2/NDF : 1613548.3/20

In: 5989.093+/-2.244 χ^2/NDF : 896123.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6185.344+/-1.638 χ^2/NDF : 1613548.3/20

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.748+/-5.834 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.527+/-5.899 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

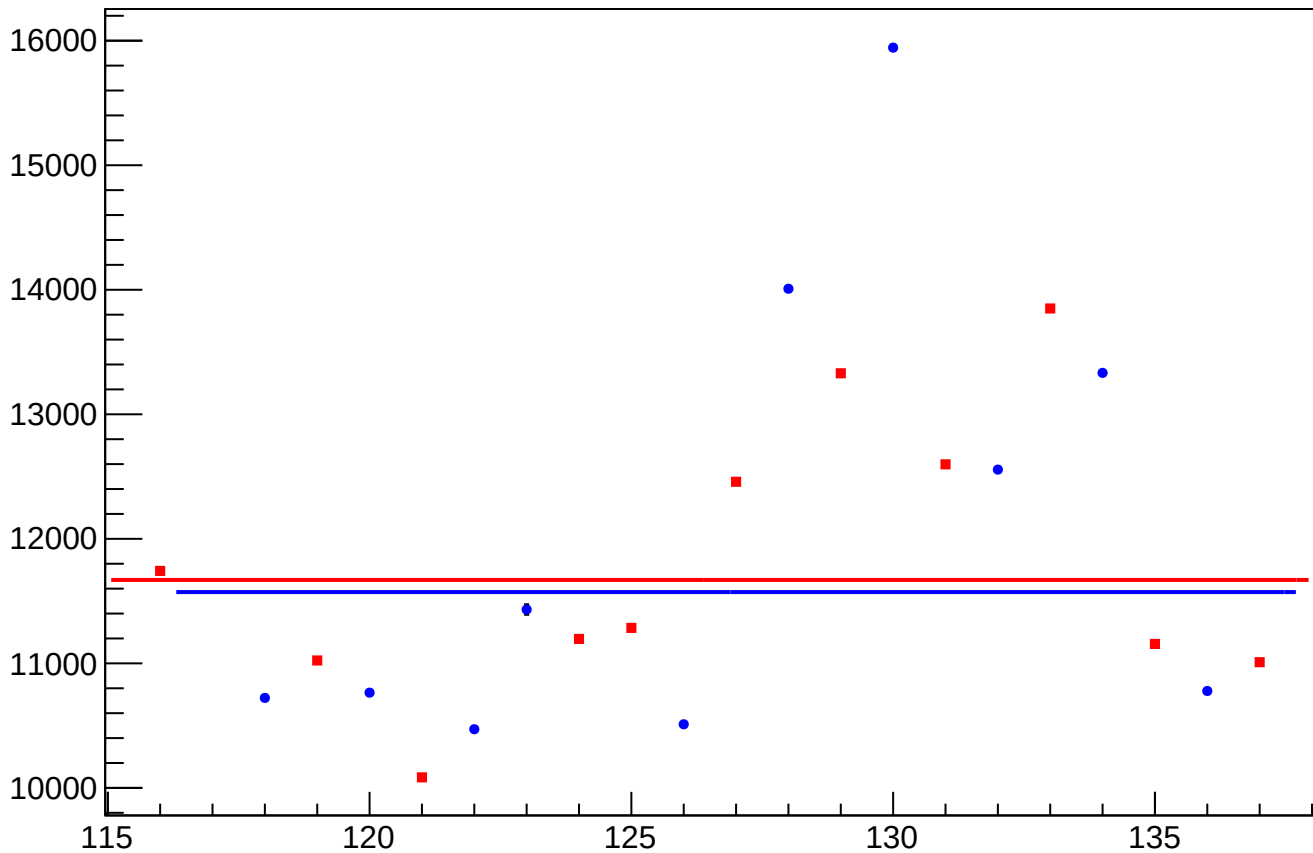
Right: -2.144+/-4.148 χ^2/NDF : 18.8/20

In: -2.748+/-5.834 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.144+/-4.148 χ^2/NDF : 18.8/20

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11572.488+/-4.125 χ^2/NDF : 152336.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11670.017+/-4.172 χ^2/NDF : 68903.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

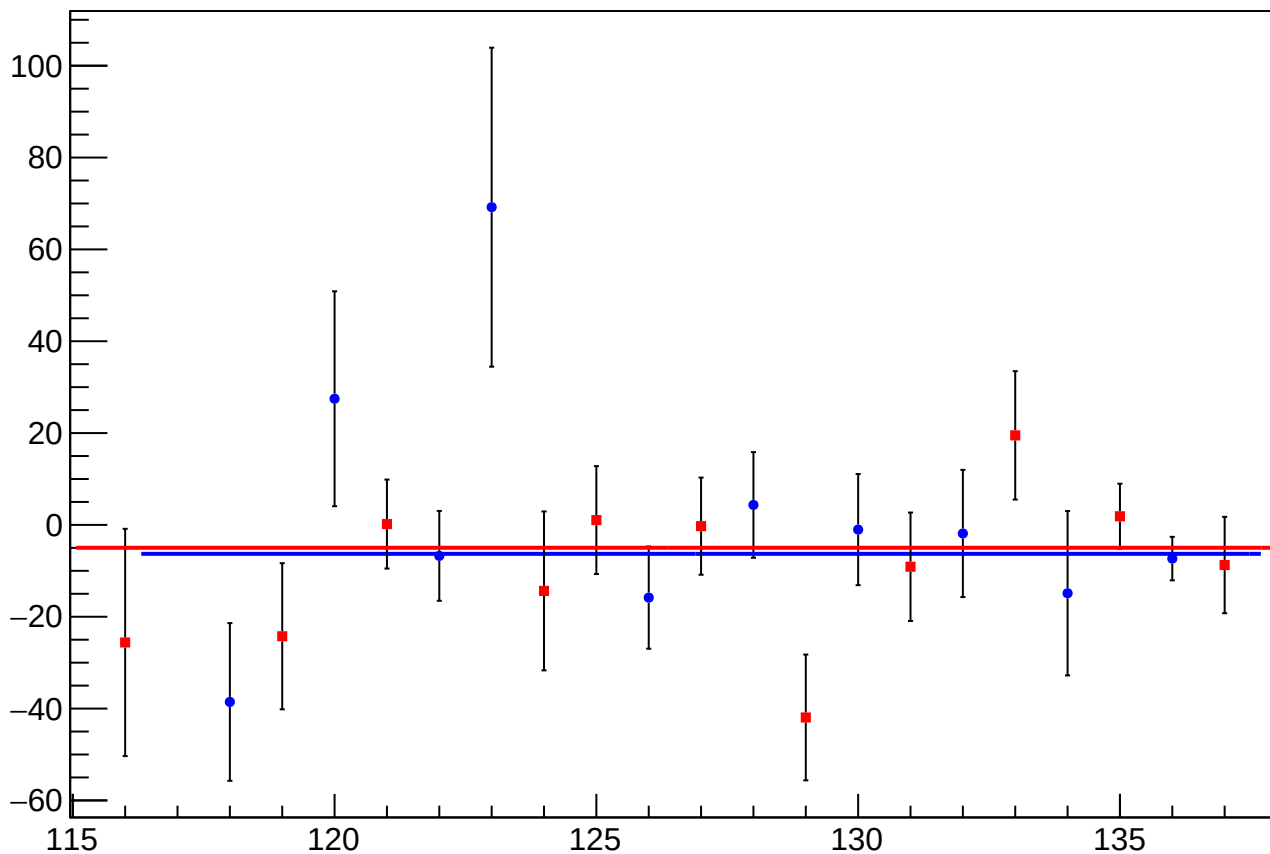
Right: 11620.706+/-2.933 χ^2/NDF : 221515.5/20

In: 11572.488+/-4.125 χ^2/NDF :152336.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11620.706+/-2.933 χ^2/NDF : 221515.5/20

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -6.303+/-3.298 χ^2/NDF : 12.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.977+/-3.485 χ^2/NDF : 14.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

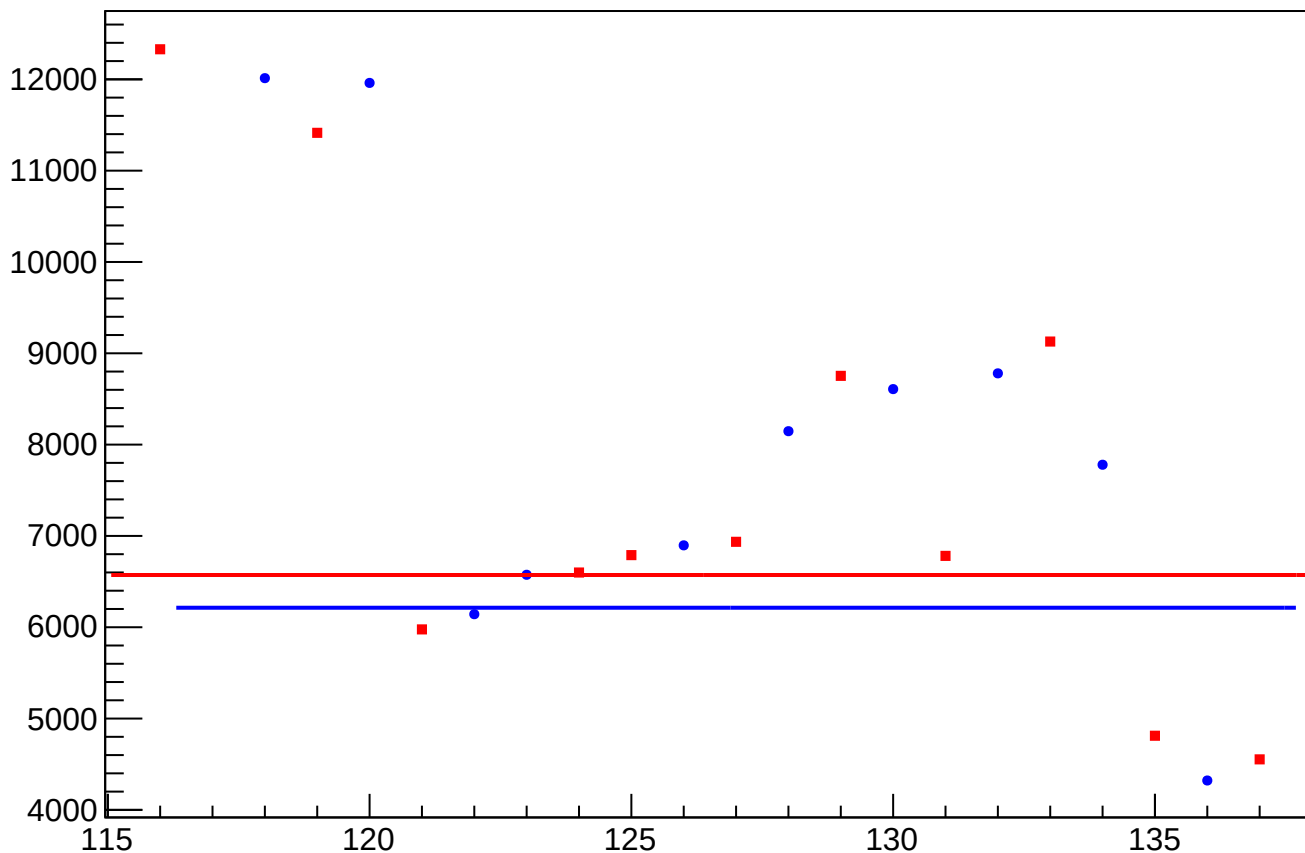
Right: -5.676+/-2.396 χ^2/NDF : 27.3/20

In: -6.303+/-3.298 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.676+/-2.396 χ^2/NDF : 27.3/20

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6213.686+/-2.332 χ^2/NDF : 894932.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6572.064+/-2.464 χ^2/NDF : 619520.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

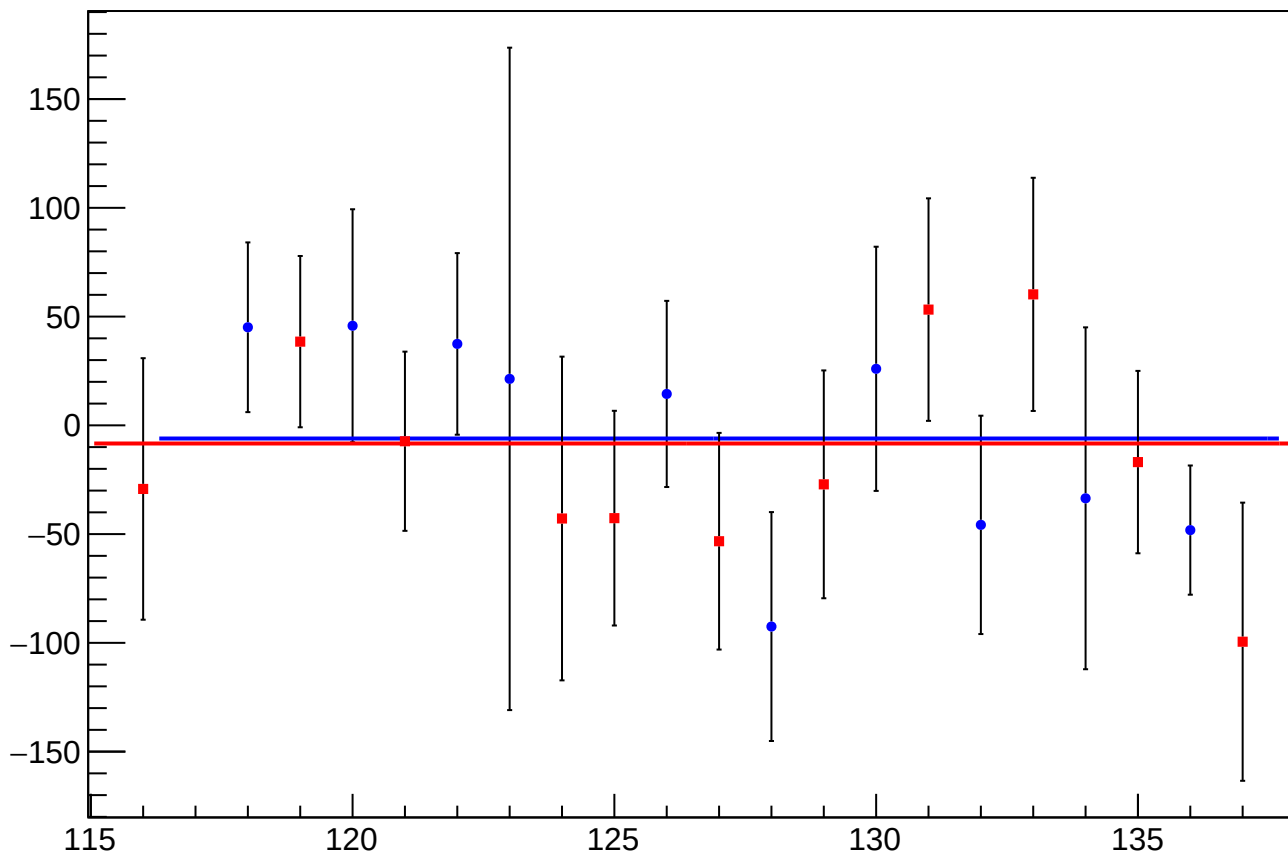
Right: 6383.003+/-1.694 χ^2/NDF : 1525608.8/20

In: 6213.686+/-2.332 χ^2/NDF : 894932.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6383.003+/-1.694 χ^2/NDF : 1525608.8/20

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -6.055+/-14.842 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.347+/-15.052 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

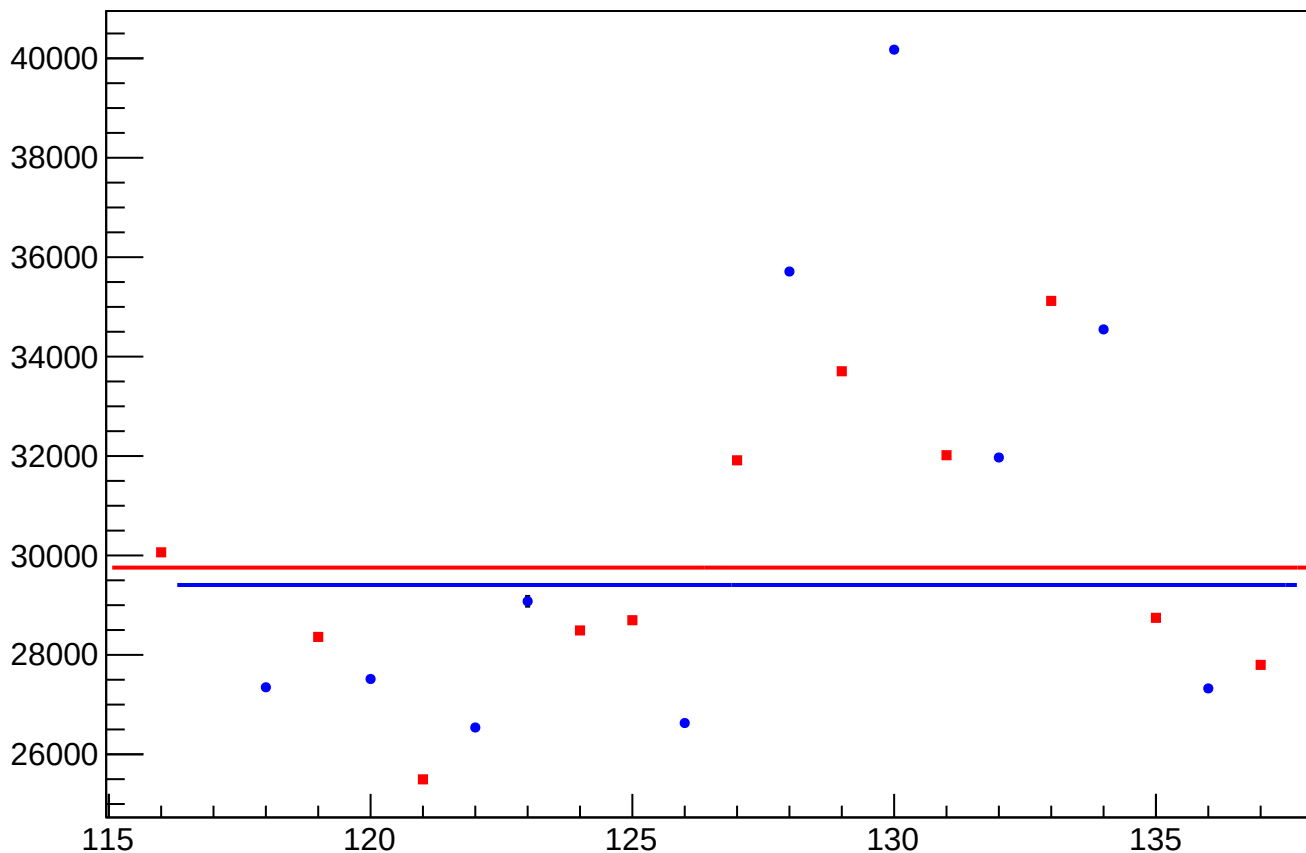
Right: -7.185+/-10.568 χ^2/NDF : 18.1/20

In: -6.055+/-14.842 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.185+/-10.568 χ^2/NDF : 18.1/20

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 29406.125+/-10.495 χ^2/NDF : 151845.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29755.956+/-10.644 χ^2/NDF : 67551.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

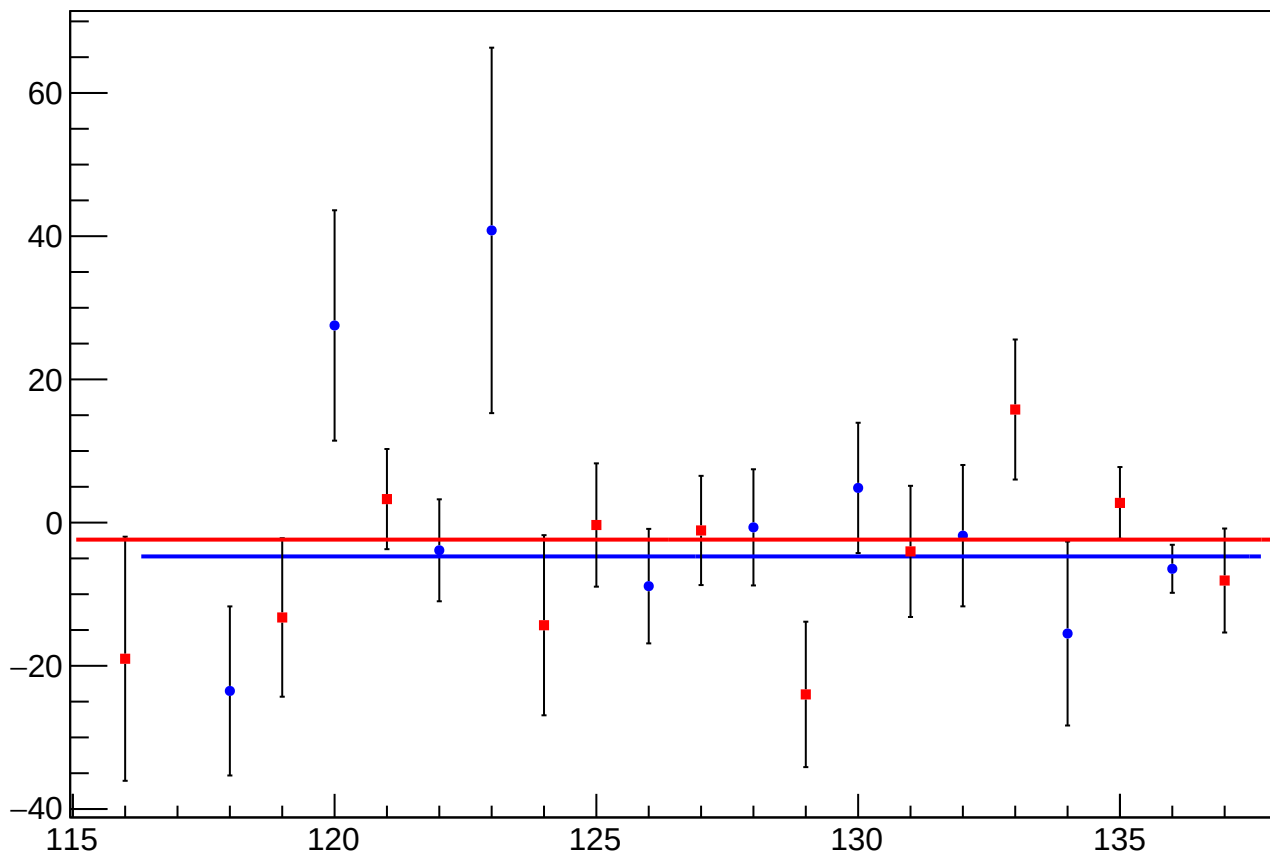
Right: 29578.577+/-7.473 χ^2/NDF : 219944.4/20

In: 29406.125+/-10.495 χ^2/NDF : 151845.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29578.577+/-7.473 χ^2/NDF : 219944.4/20

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -4.724+/-2.354 χ^2/NDF : 12.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.376+/-2.501 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

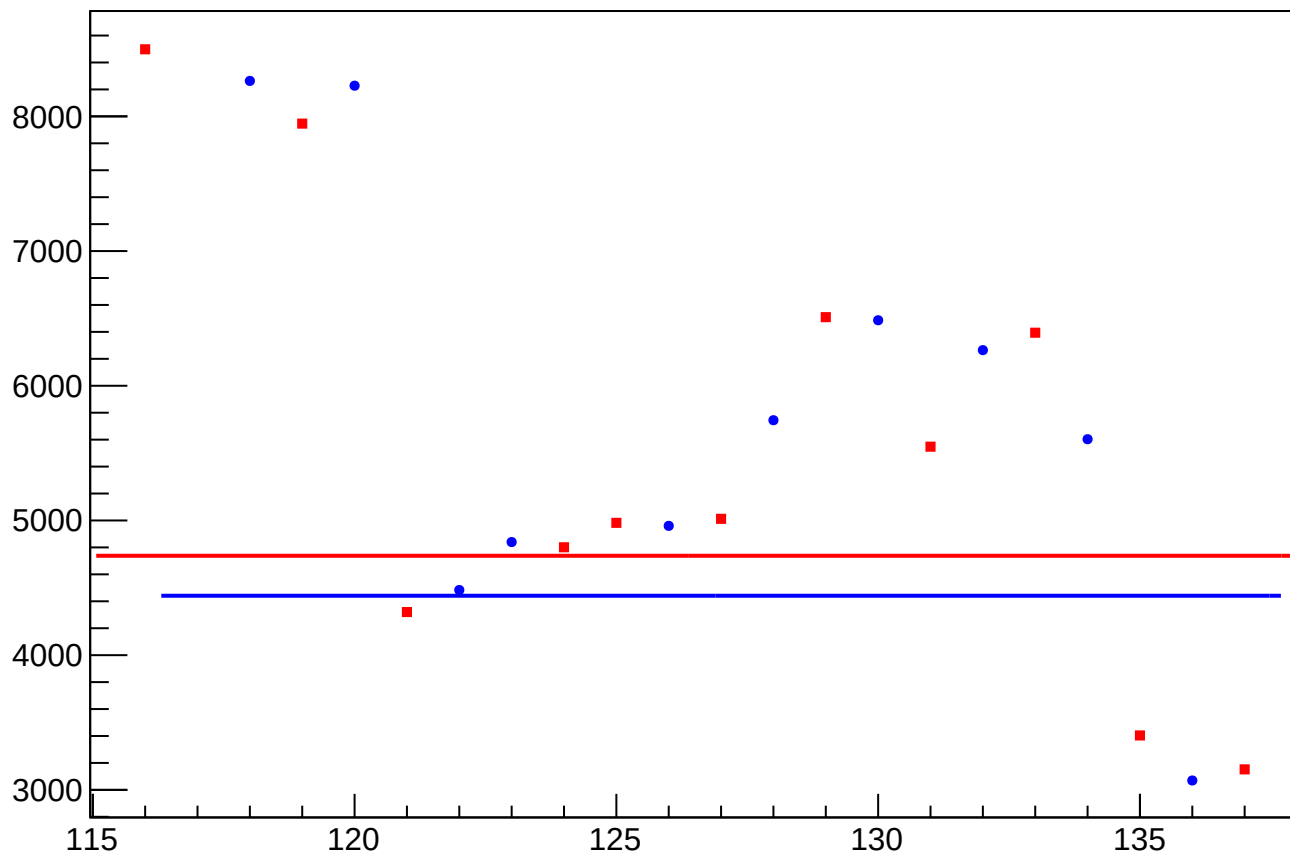
Right: -3.620+/-1.714 χ^2/NDF : 26.1/20

In: -4.724+/-2.354 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.620+/-1.714 χ^2/NDF : 26.1/20

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 4441.172+/-1.665 χ^2/NDF : 900893.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4737.900+/-1.768 χ^2/NDF : 647695.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

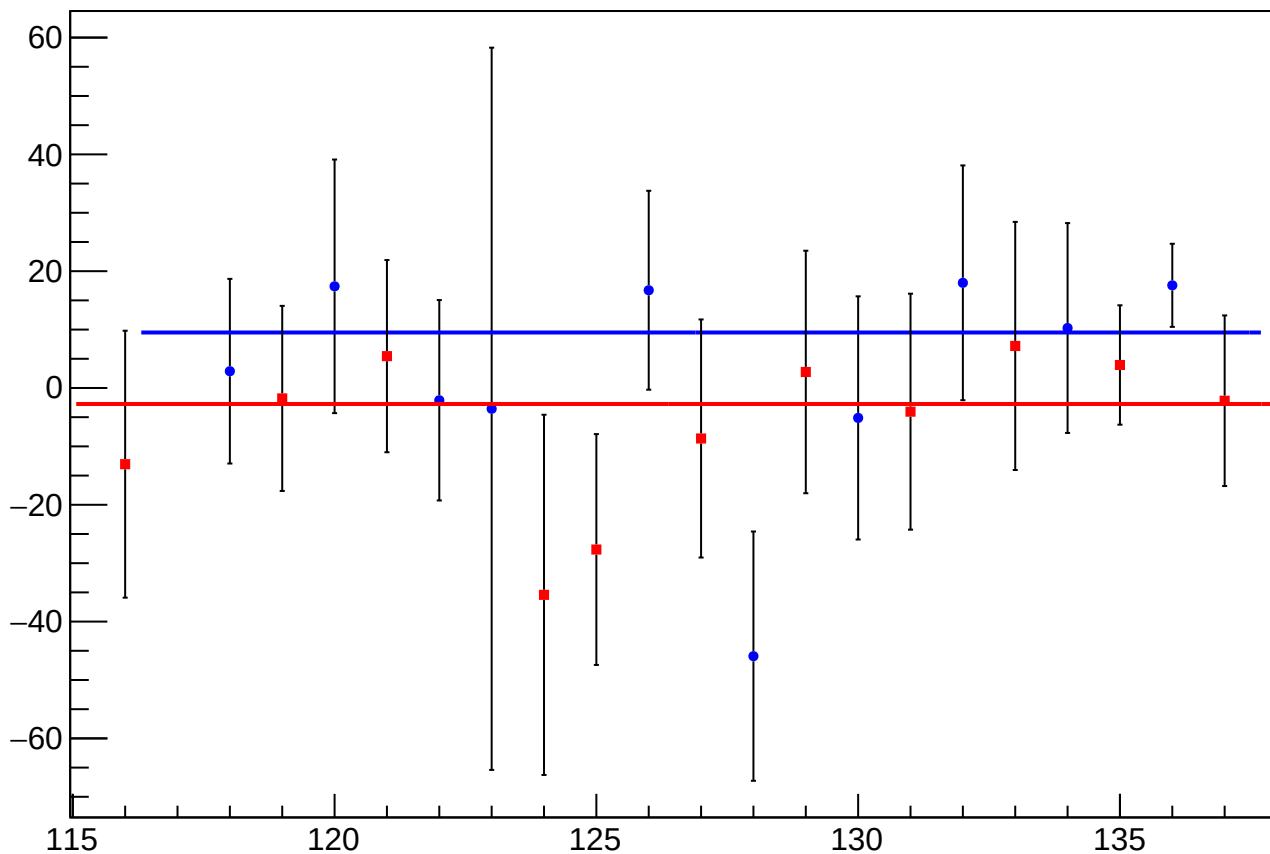
Right: 4580.603+/-1.212 χ^2/NDF : 1563515.6/20

In: 4441.172+/-1.665 χ^2/NDF : 900893.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4580.603+/-1.212 χ^2/NDF : 1563515.6/20

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 9.500+/-4.819 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.741+/-5.209 χ^2/NDF : 4.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

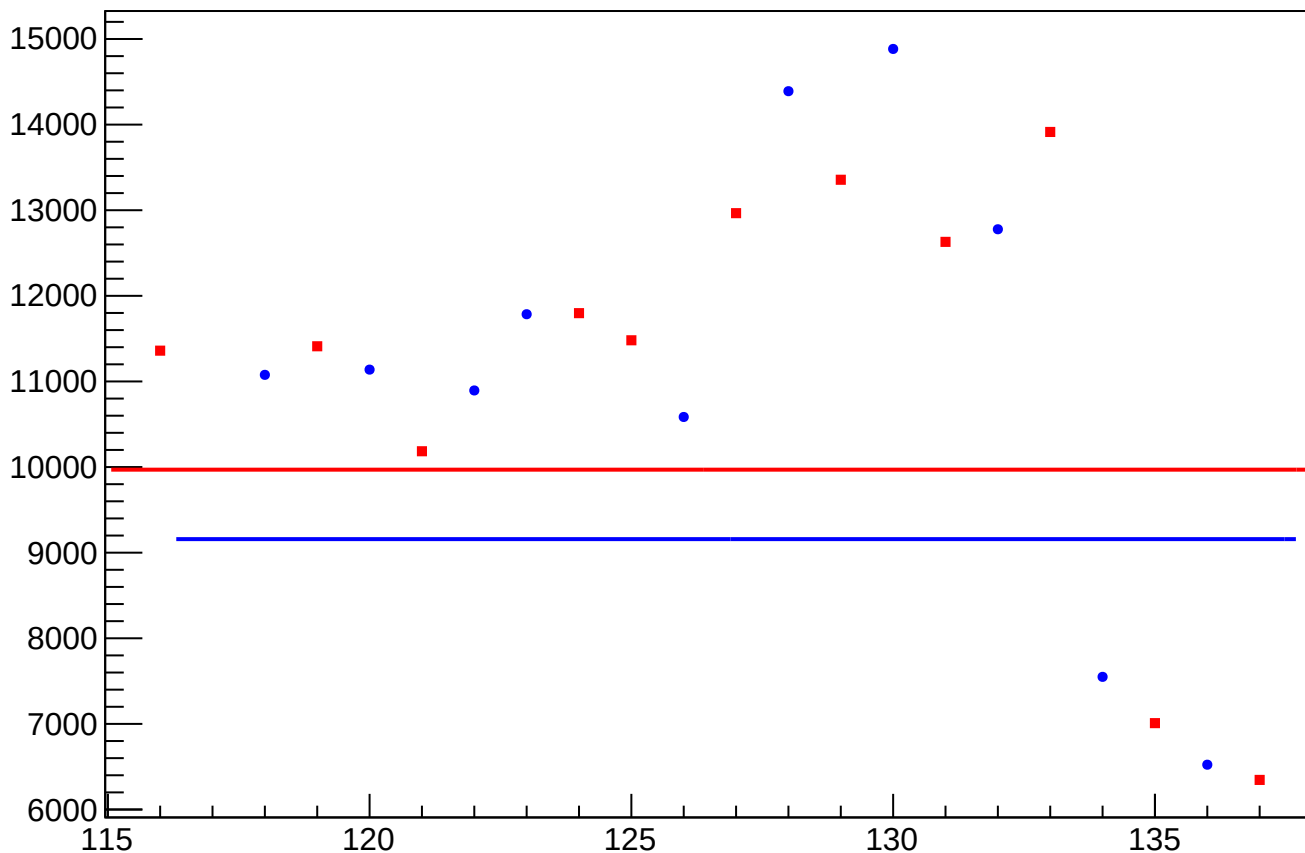
Right: 3.855+/-3.537 χ^2/NDF : 16.6/20

In: 9.500+/-4.819 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.855+/-3.537 χ^2/NDF : 16.6/20

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 9158.262+/-3.408 χ^2/NDF : 710868.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9969.577+/-3.683 χ^2/NDF : 533944.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

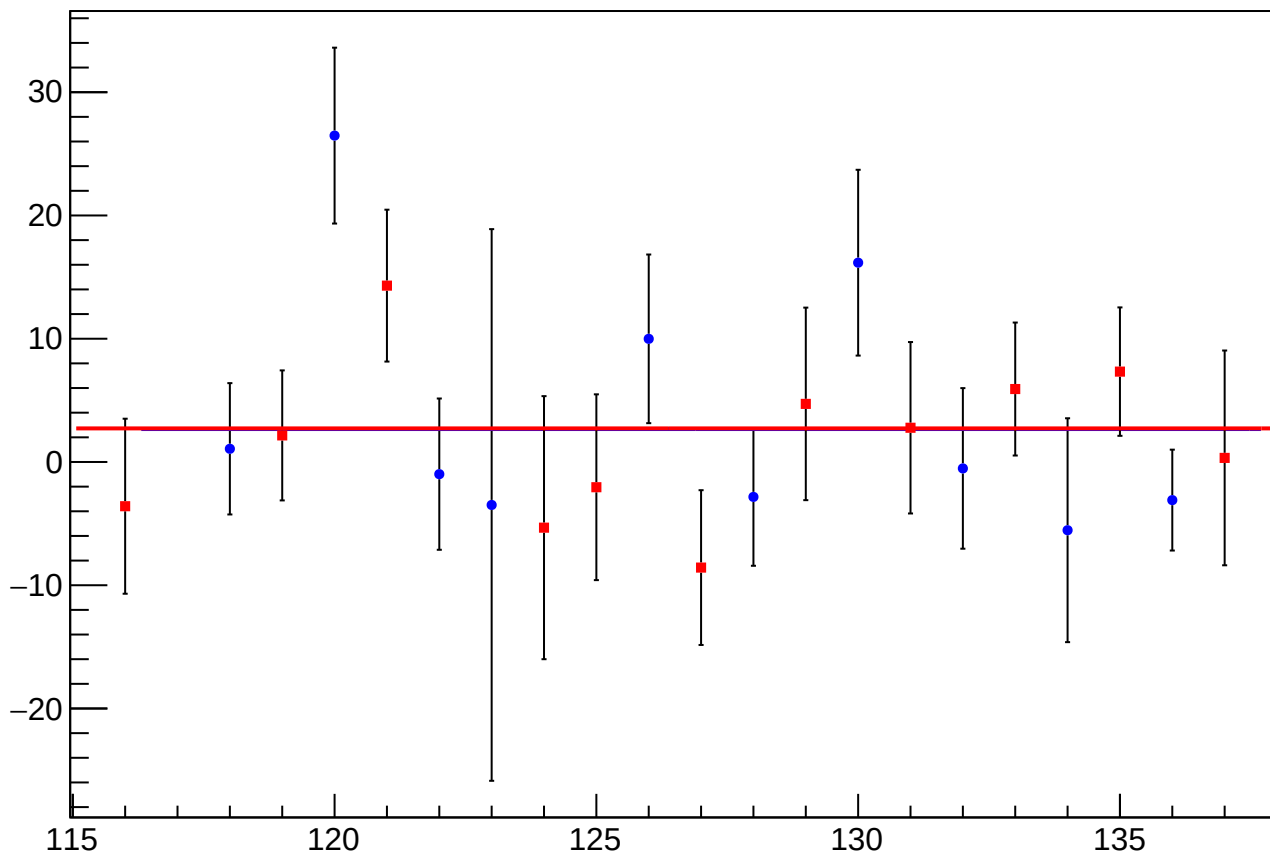
Right: 9532.401+/-2.501 χ^2/NDF : 1270954.7/20

In: 9158.262+/-3.408 χ^2/NDF : 710868.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9532.401+/-2.501 χ^2/NDF : 1270954.7/20

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.674+/-2.001 χ^2/NDF : 20.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.724+/-1.979 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

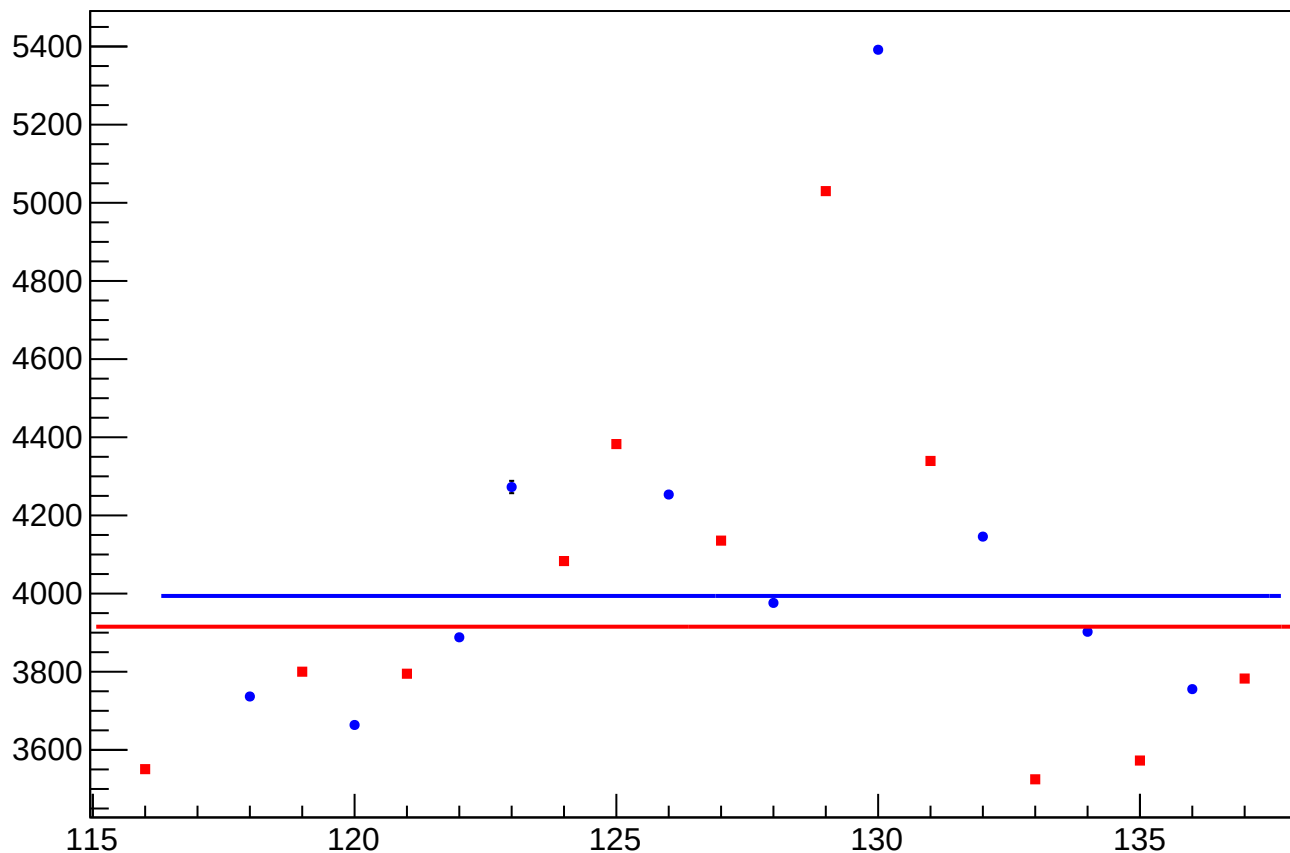
Right: 2.699+/-1.407 χ^2/NDF : 29.8/20

In: 2.674+/-2.001 χ^2/NDF : 20.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.699+/-1.407 χ^2/NDF : 29.8/20

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3993.964+/-1.415 χ^2/NDF : 89610.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3915.277+/-1.399 χ^2/NDF : 85403.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

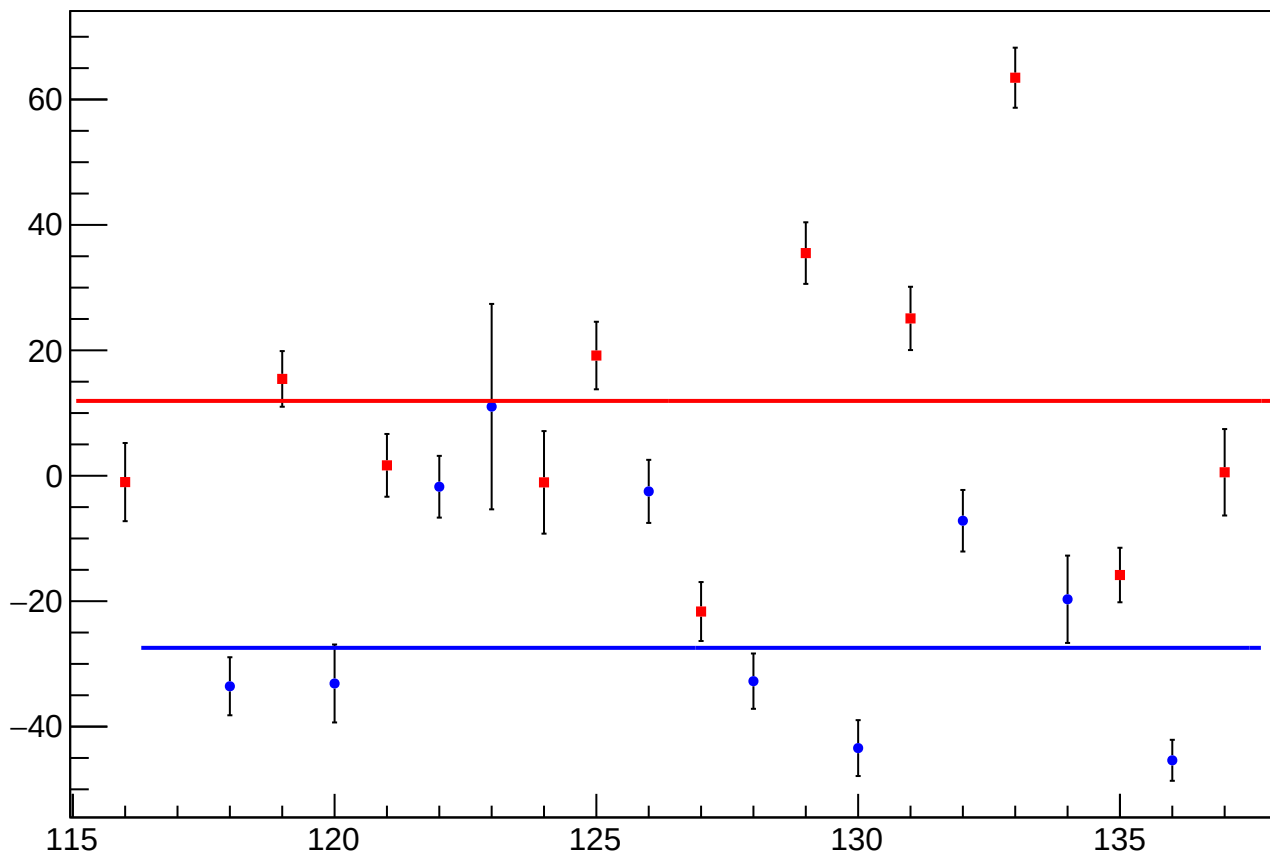
Right: 3954.191+/-0.995 χ^2/NDF : 176577.5/20

In: 3993.964+/-1.415 χ^2/NDF : 89610.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3954.191+/-0.995 χ^2/NDF : 176577.5/20

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -27.440 $\pm$ -1.553 χ^2/NDF : 122.7/9

Left Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Right Out: 11.935 $\pm$ -1.563 χ^2/NDF : 253.6/10

Left In: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ -0.000 χ^2/NDF : 0.0/0

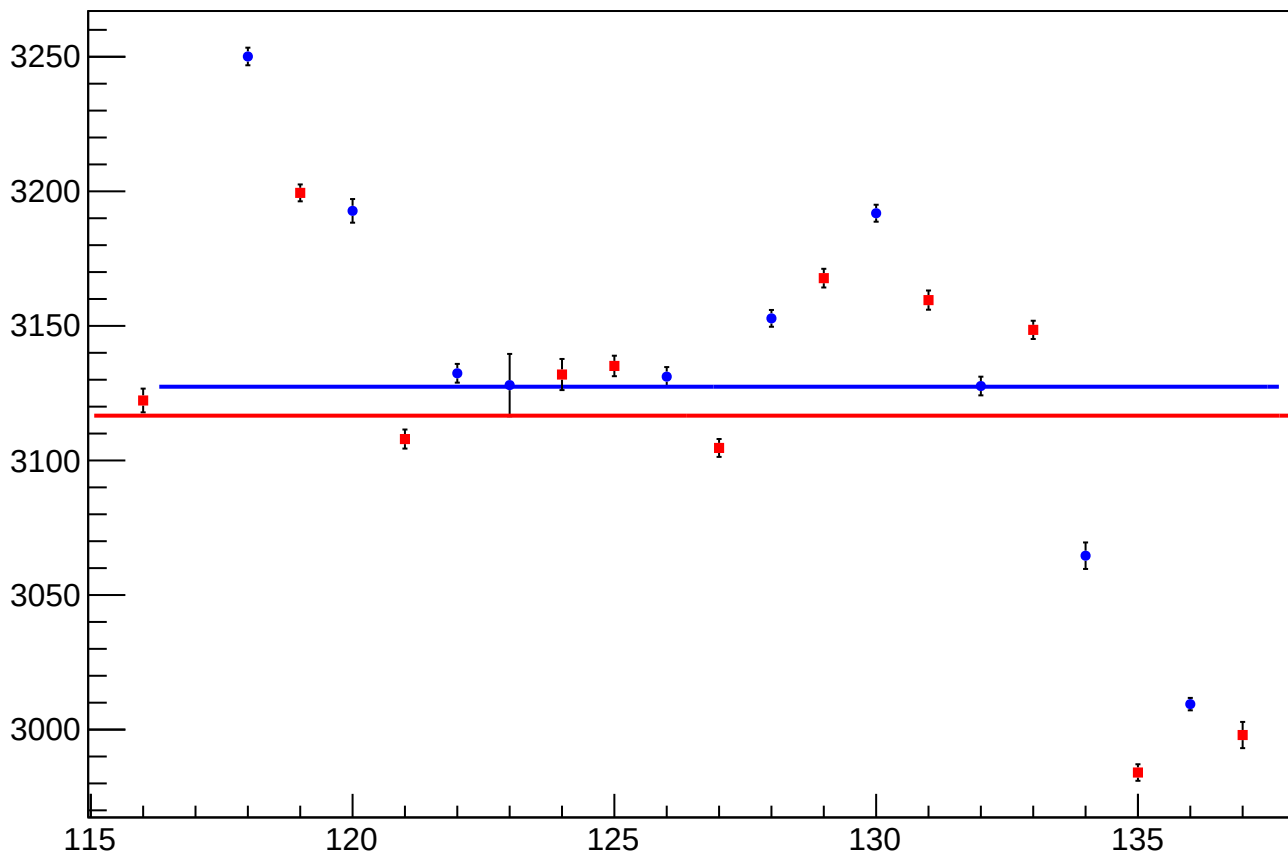
Right: -7.878 $\pm$ -1.102 χ^2/NDF : 695.7/20

In: -27.440 $\pm$ -1.553 χ^2/NDF :122.7/9

Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

All: -7.878 $\pm$ -1.102 χ^2/NDF : 695.7/20

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3127.402 $\pm$ 1.098 χ^2 /NDF: 4883.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3116.649 $\pm$ 1.105 χ^2 /NDF: 3651.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

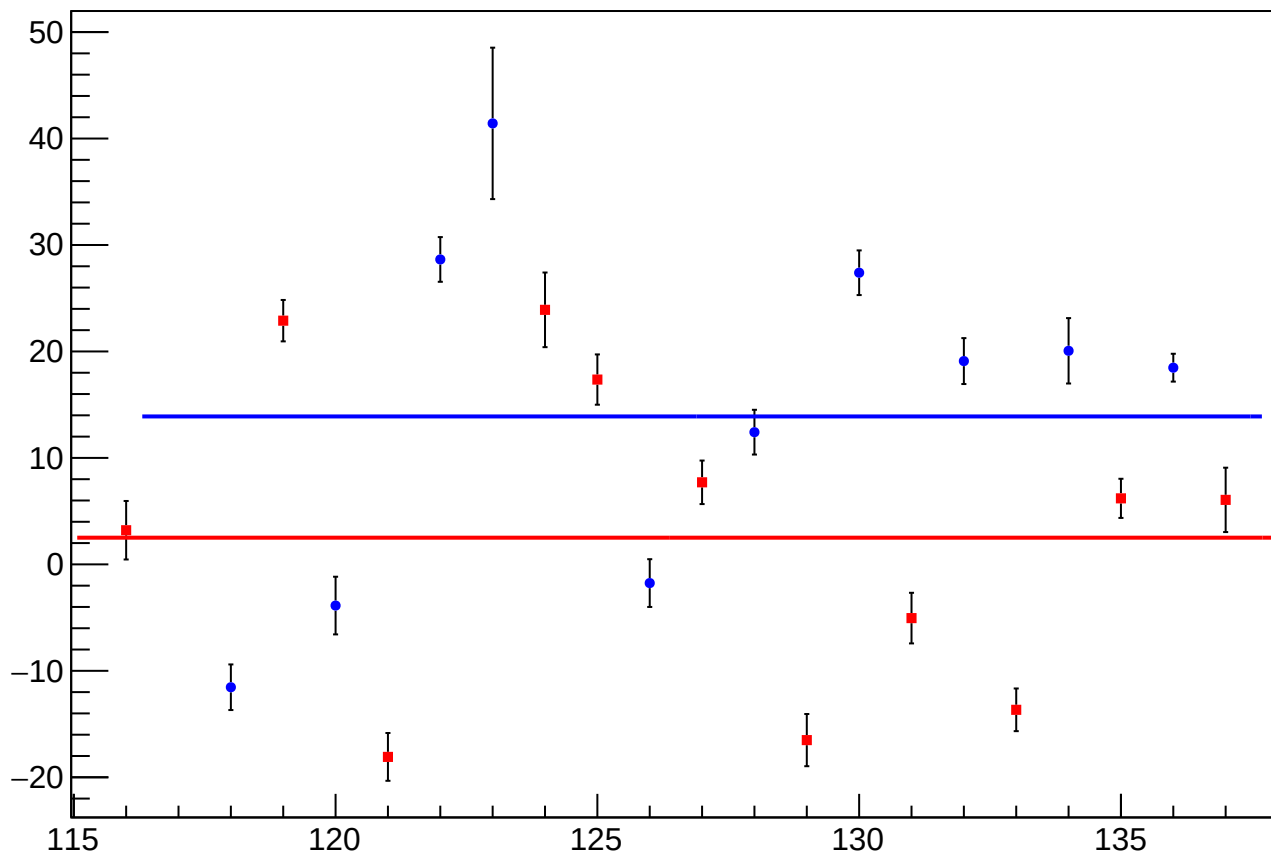
Right: 3122.060 $\pm$ 0.779 χ^2 /NDF: 8582.4/20

In: 3127.402 $\pm$ 1.098 χ^2 /NDF:4883.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3122.060 $\pm$ 0.779 χ^2 /NDF: 8582.4/20

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 13.896+/-0.681 χ^2/NDF : 361.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.507+/-0.691 χ^2/NDF : 418.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

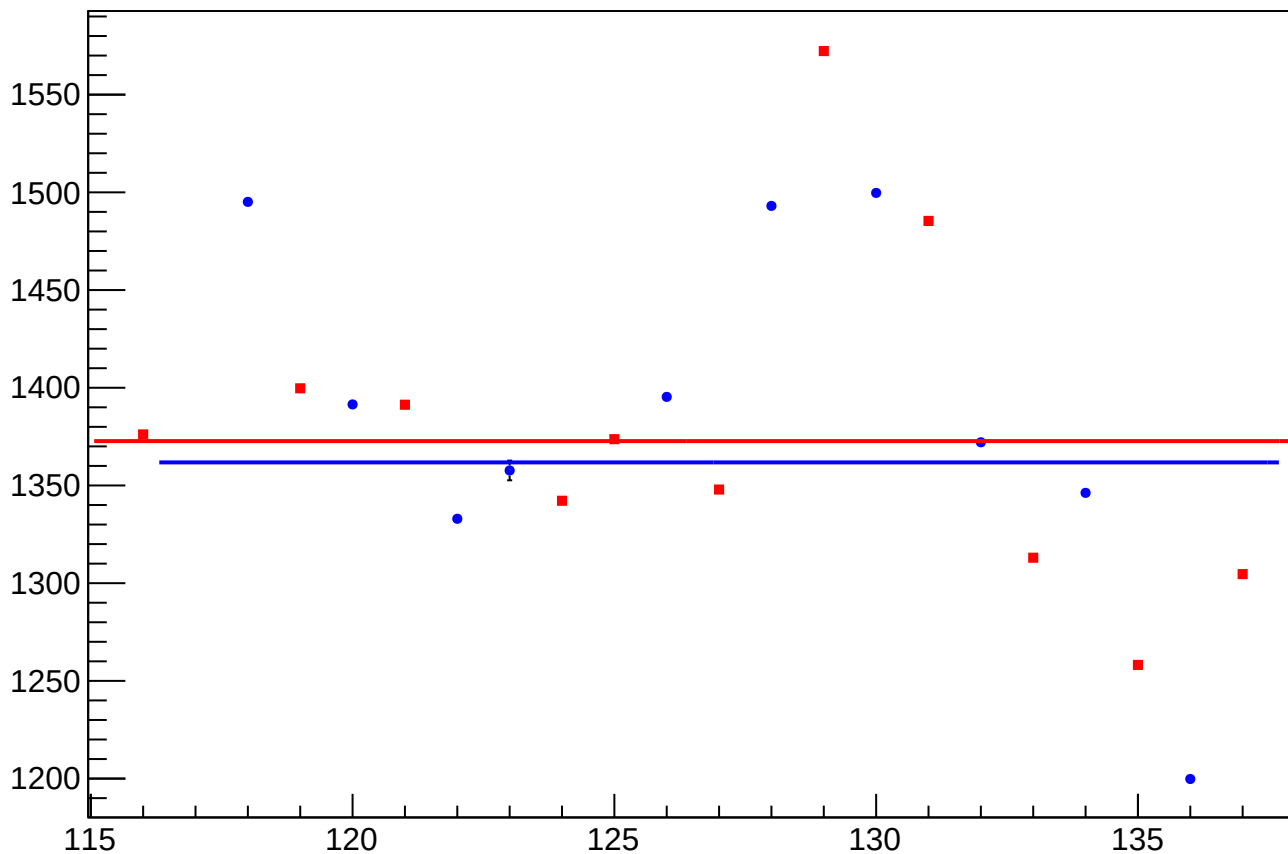
Right: 8.290+/-0.485 χ^2/NDF : 917.0/20

In: 13.896+/-0.681 χ^2/NDF : 361.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.290+/-0.485 χ^2/NDF : 917.0/20

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1361.807 $\pm$ 0.481 χ^2 /NDF: 56057.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1372.707 $\pm$ 0.489 χ^2 /NDF: 29271.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

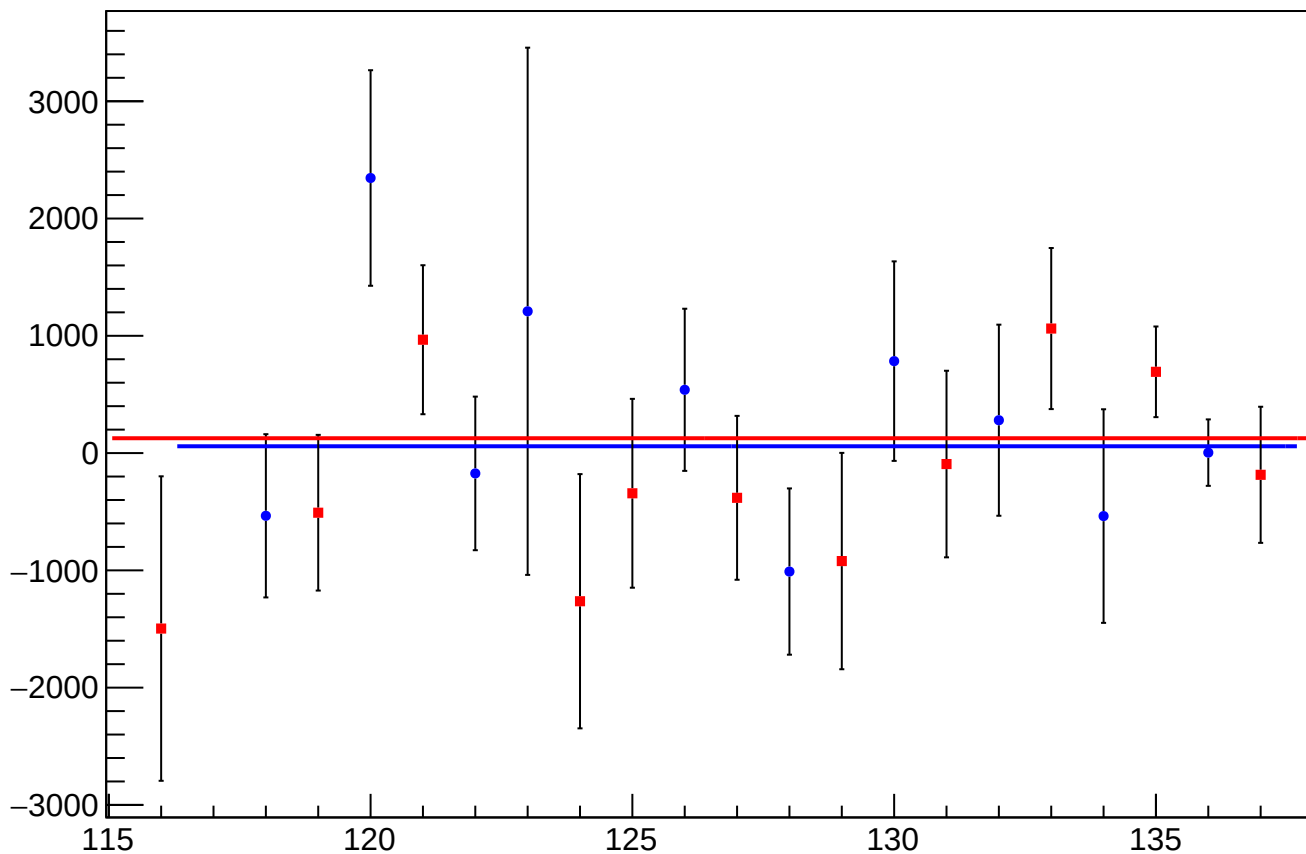
Right: 1367.172 $\pm$ 0.343 χ^2 /NDF: 85581.5/20

In: 1361.807 $\pm$ 0.481 χ^2 /NDF:56057.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1367.172 $\pm$ 0.343 χ^2 /NDF: 85581.5/20

asym_sam1_mean vs Slug, Sign Corrected



Right In: 58.098+/-194.565 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.571+/-202.765 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

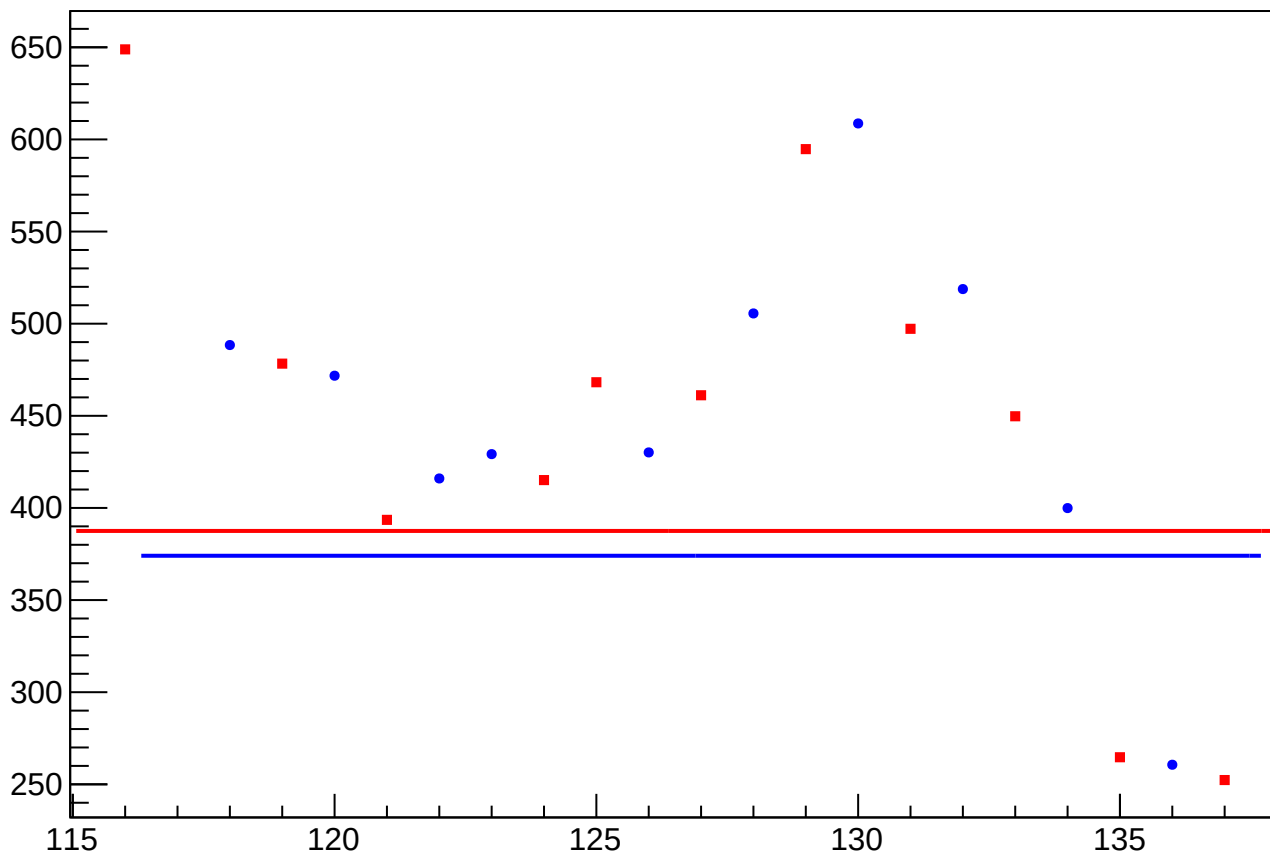
Right: 90.922+/-140.388 χ^2/NDF : 23.8/20

In: 58.098+/-194.565 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.922+/-140.388 χ^2/NDF : 23.8/20

asym_sam1_rms vs Slug, Sign Corrected



Right In: 374.049+/-0.138 χ^2/NDF : 705474.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.518+/-0.143 χ^2/NDF : 628179.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

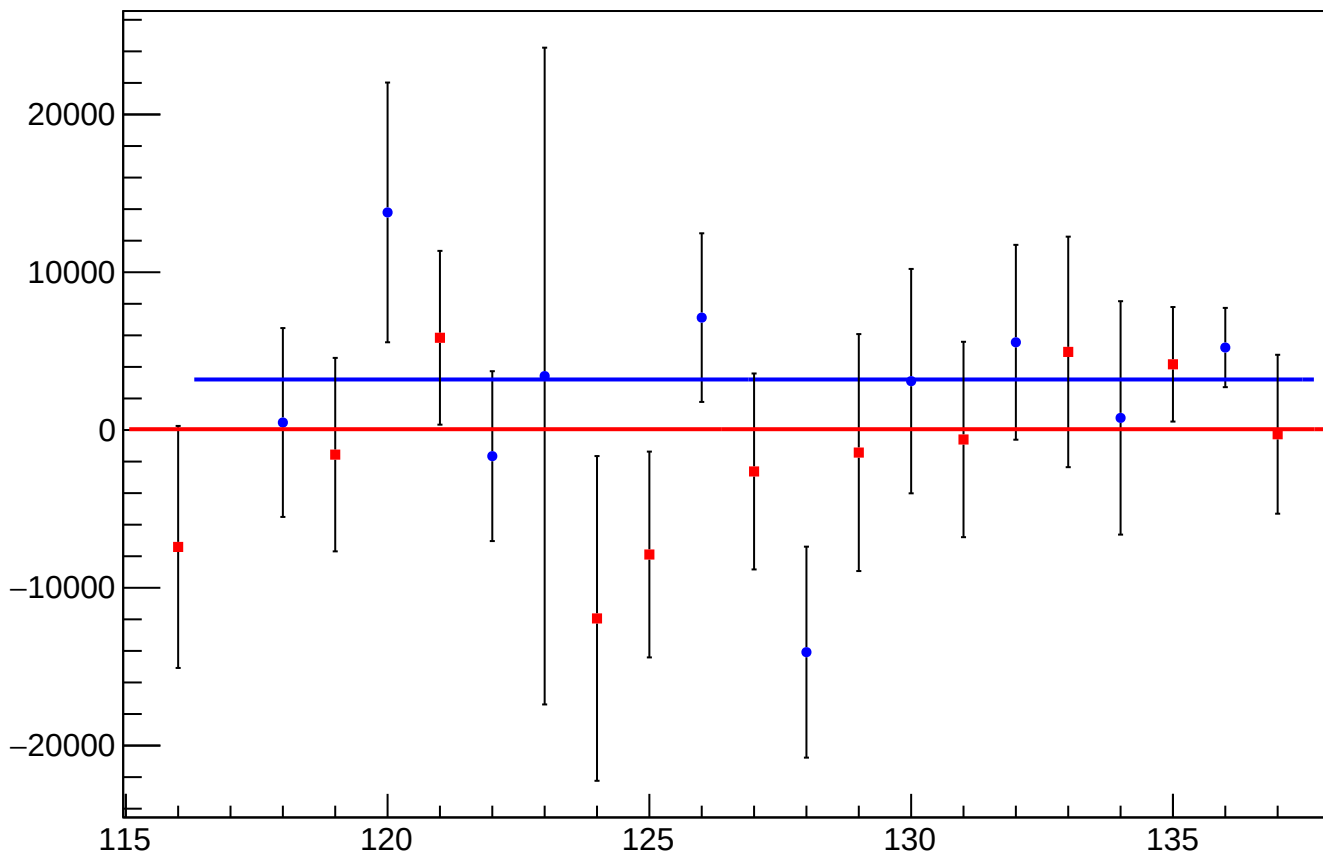
Right: 380.506+/-0.099 χ^2/NDF : 1338248.6/20

In: 374.049+/-0.138 χ^2/NDF : 705474.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.506+/-0.099 χ^2/NDF : 1338248.6/20

asym_sam2_mean vs Slug, Sign Corrected



Right In: 3203.131+/-1667.574 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.933+/-1786.536 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

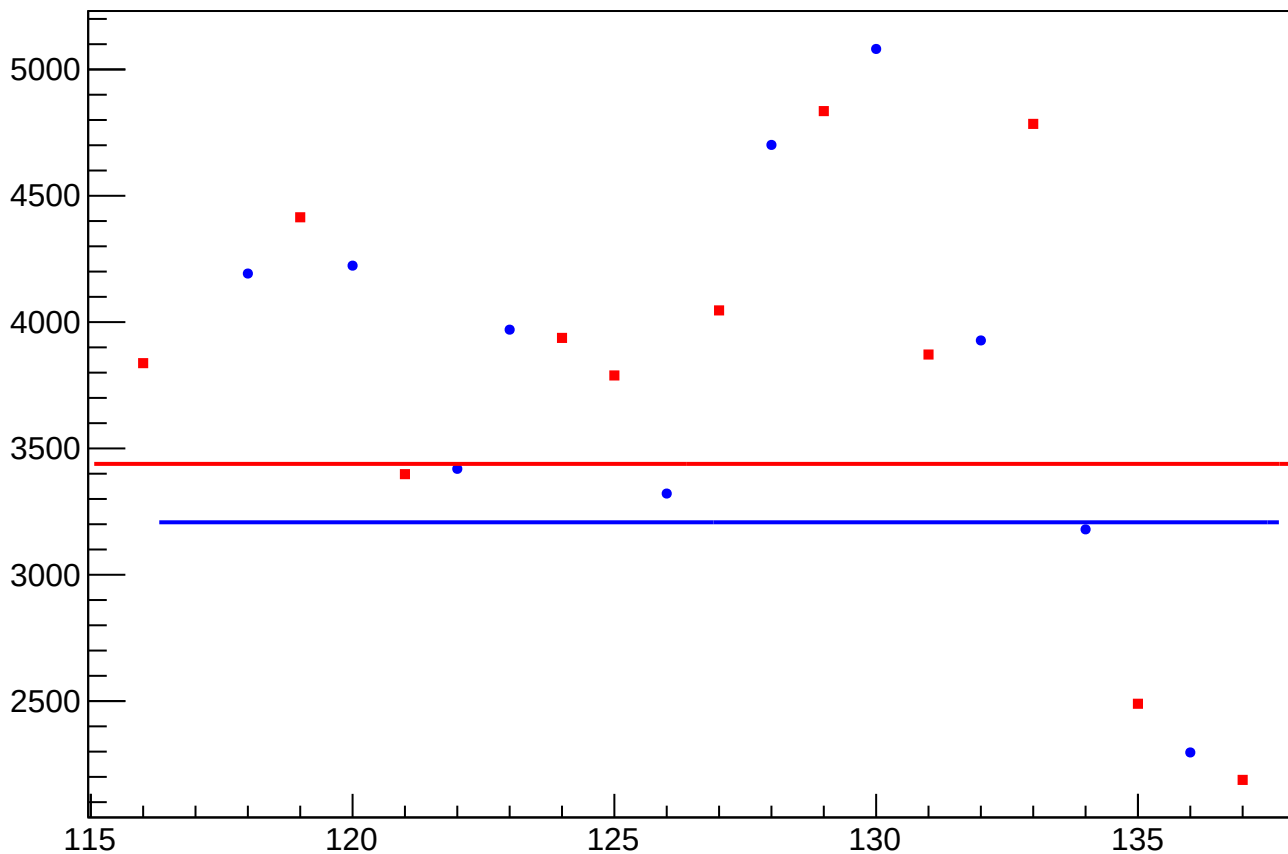
Right: 1735.933+/-1219.041 χ^2/NDF : 19.4/20

In: 3203.131+/-1667.574 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.933+/-1219.041 χ^2/NDF : 19.4/20

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3207.677+/-1.179 χ^2/NDF : 620084.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3438.842+/-1.263 χ^2/NDF : 492726.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

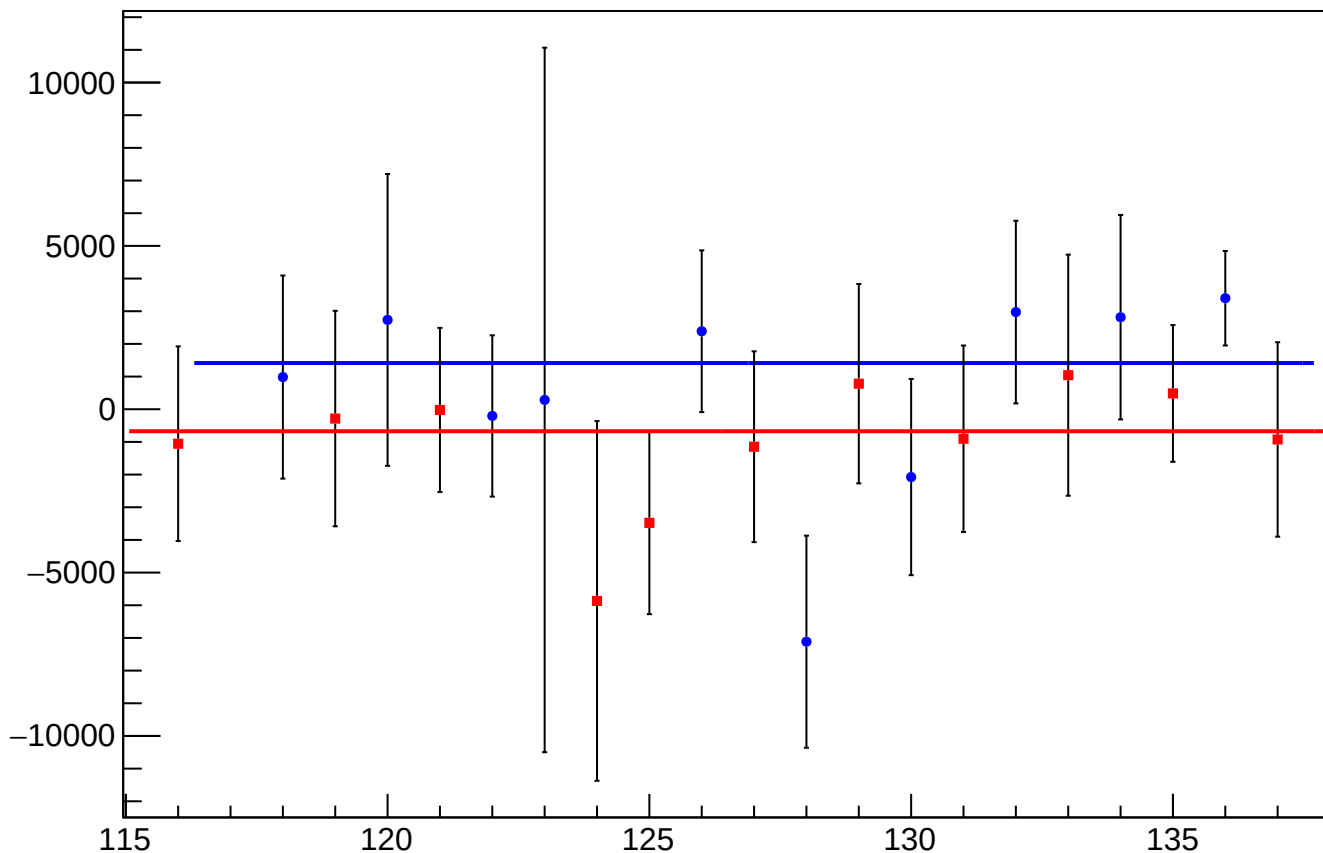
Right: 3315.307+/-0.862 χ^2/NDF : 1130705.2/20

In: 3207.677+/-1.179 χ^2/NDF : 620084.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3315.307+/-0.862 χ^2/NDF : 1130705.2/20

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1414.681+/-844.028 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -673.723+/-881.633 χ^2/NDF : 2.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

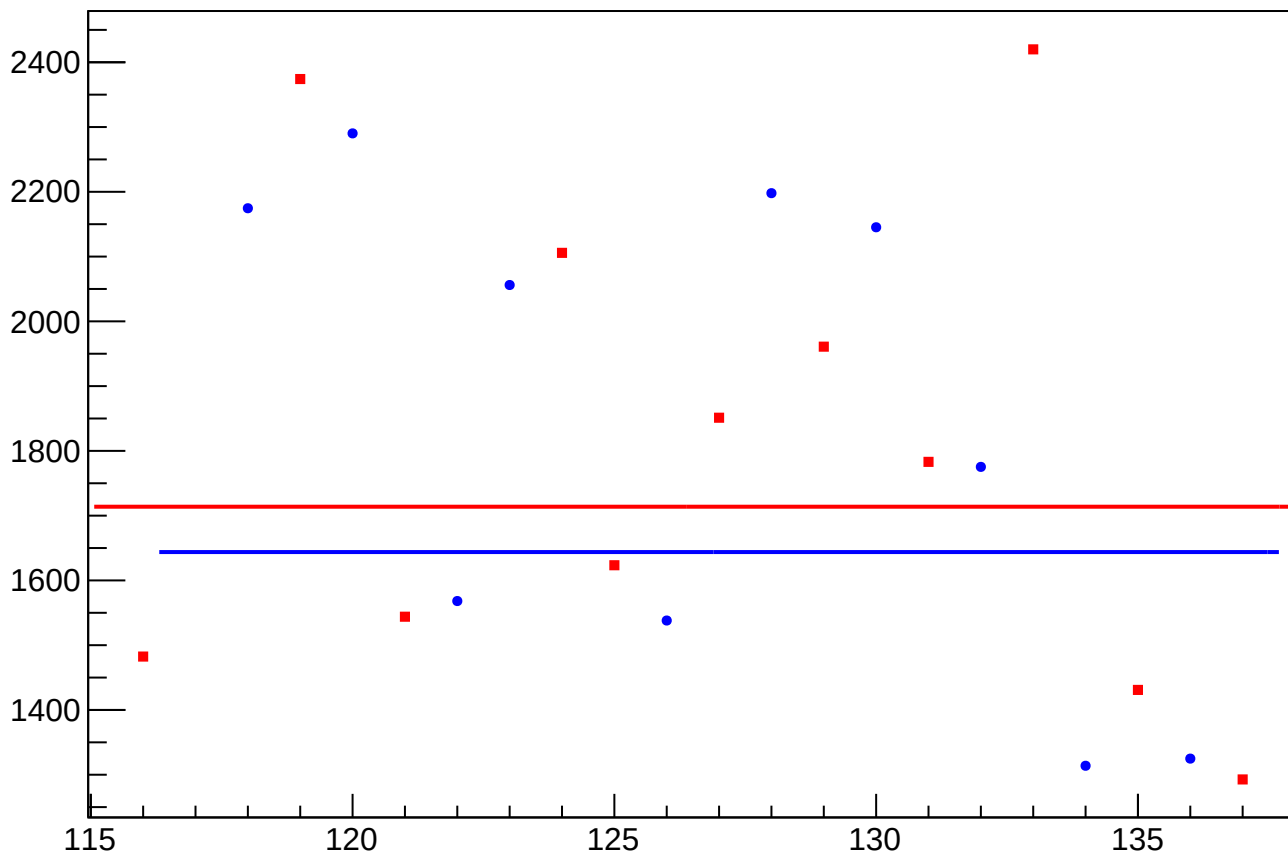
Right: 415.968+/-609.679 χ^2/NDF : 17.1/20

In: 1414.681+/-844.028 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.968+/-609.679 χ^2/NDF : 17.1/20

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1643.785 $\pm$ 0.597 χ^2 /NDF: 346673.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1713.802 $\pm$ 0.623 χ^2 /NDF: 282195.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

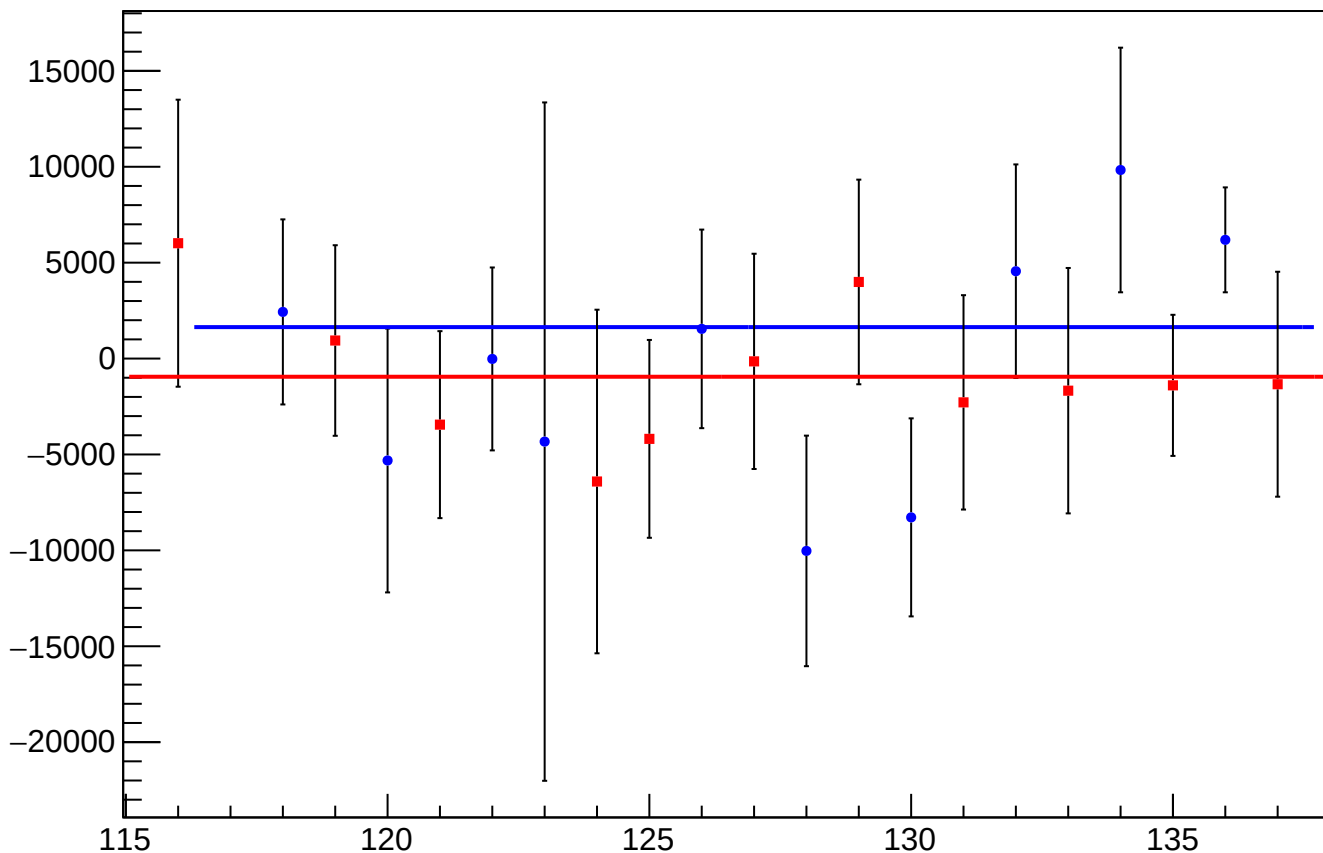
Right: 1677.269 $\pm$ 0.431 χ^2 /NDF: 635451.6/20

In: 1643.785 $\pm$ 0.597 χ^2 /NDF: 346673.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1677.269 $\pm$ 0.431 χ^2 /NDF: 635451.6/20

asym_sam4_mean vs Slug, Sign Corrected



Right In: 1639.796 $\pm$ 1572.785 χ^2 /NDF: 13.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -948.039 $\pm$ 1628.968 χ^2 /NDF: 3.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

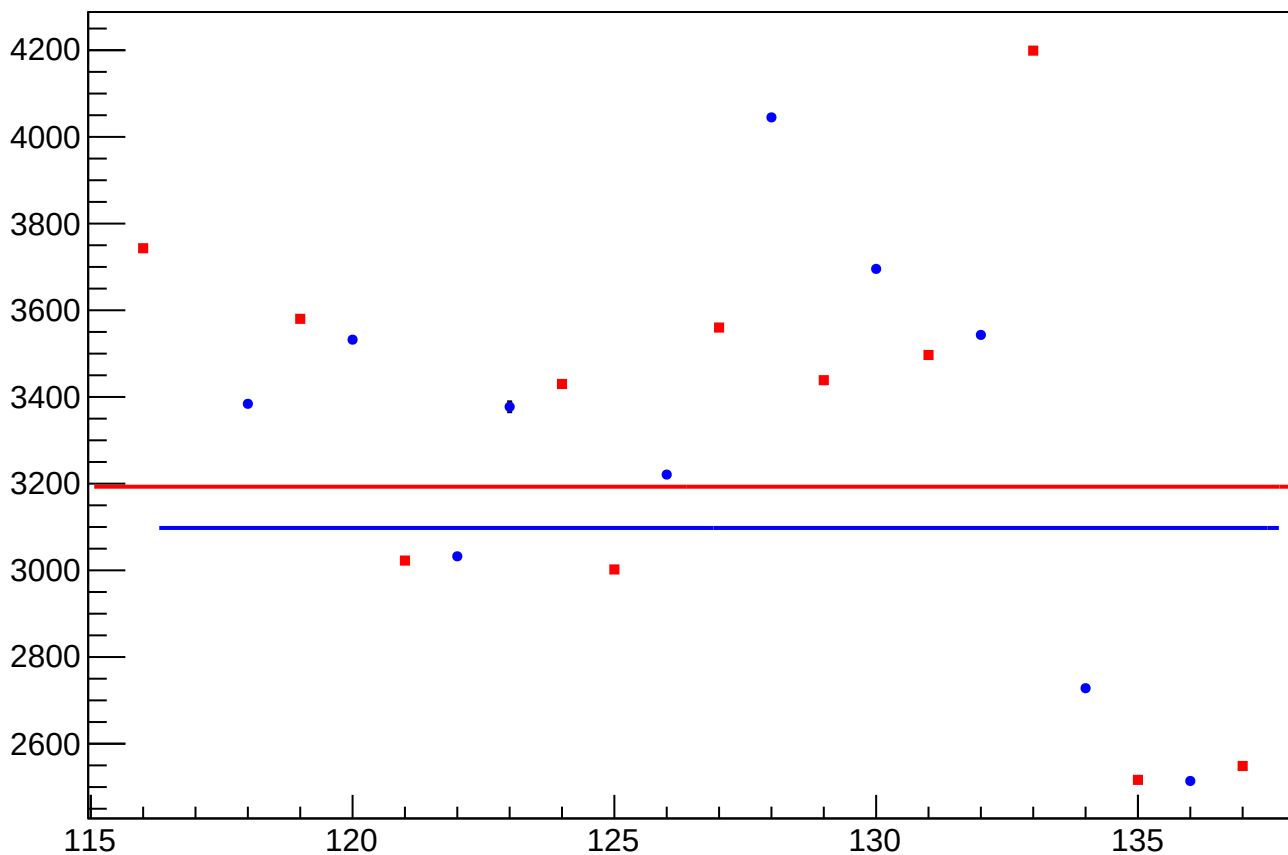
Right: 391.275 $\pm$ 1131.468 χ^2 /NDF: 17.7/20

In: 1639.796 $\pm$ 1572.785 χ^2 /NDF:13.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 391.275 $\pm$ 1131.468 χ^2 /NDF: 17.7/20

asym_sam4_rms vs Slug, Sign Corrected



Right In: 3097.786+/-1.112 χ^2/NDF : 204097.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3192.953+/-1.152 χ^2/NDF : 189499.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

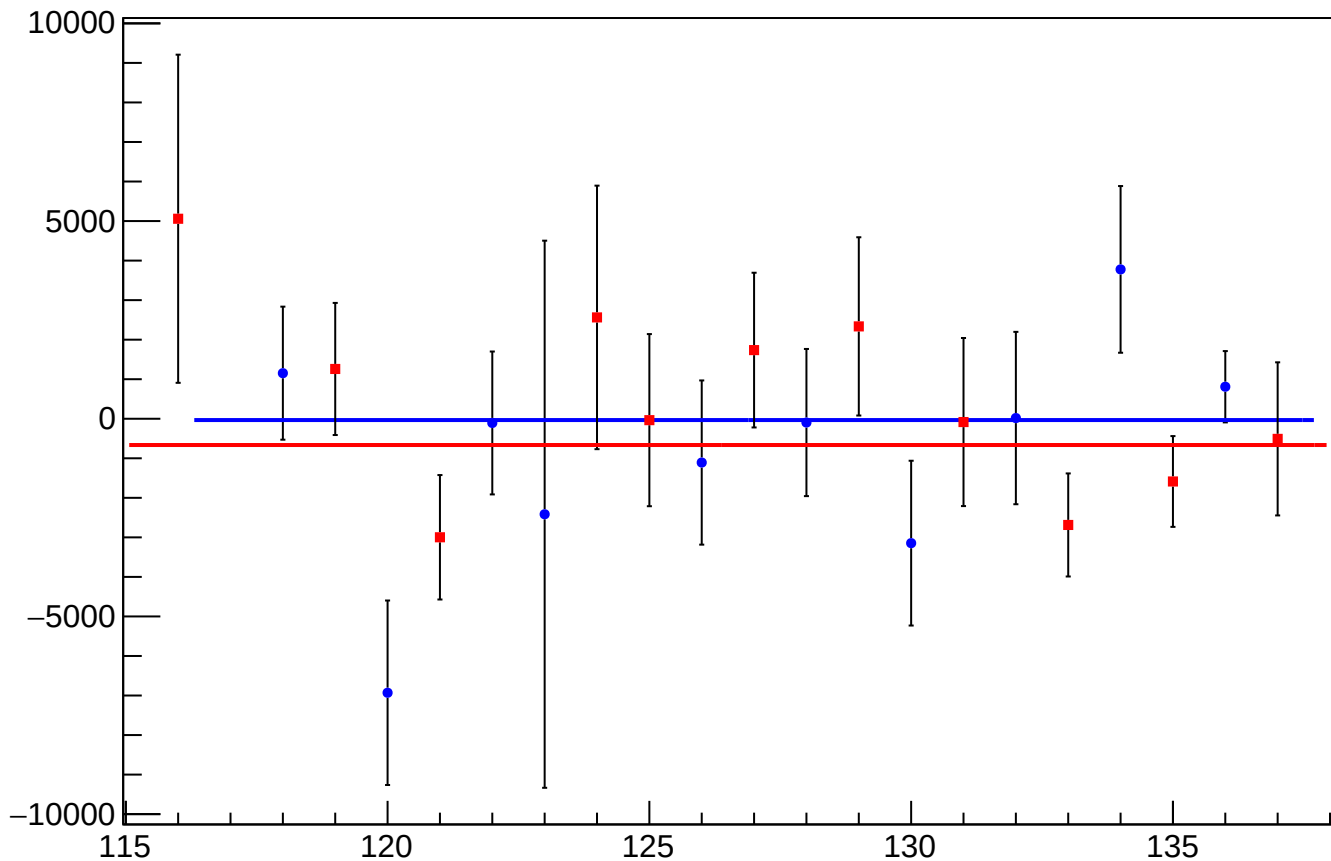
Right: 3143.700+/-0.800 χ^2/NDF : 397129.6/20

In: 3097.786+/-1.112 χ^2/NDF : 204097.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3143.700+/-0.800 χ^2/NDF : 397129.6/20

asym_sam5_mean vs Slug, Sign Corrected



Right In: -33.070 ± 552.142 χ^2/NDF : 16.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -664.262 ± 541.160 χ^2/NDF : 12.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

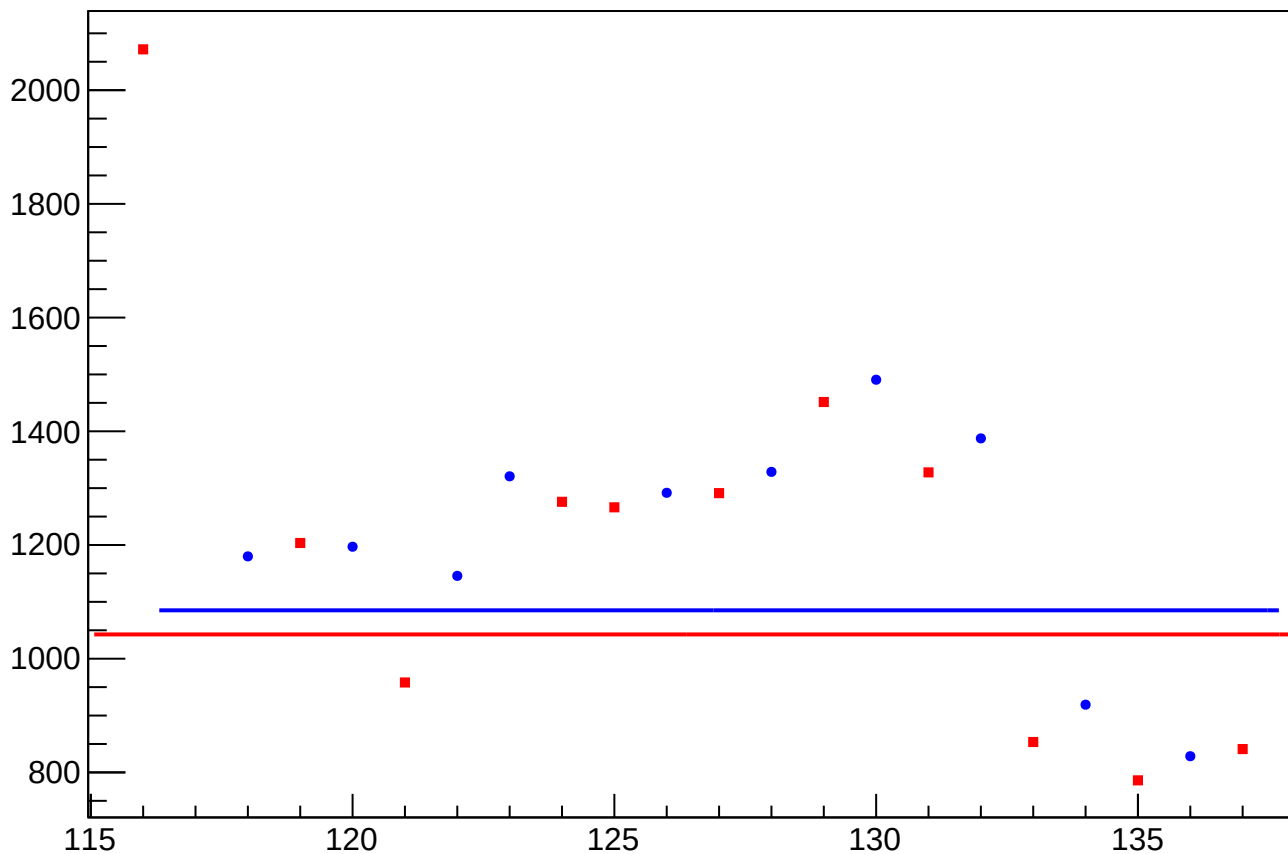
Right: -355.005 ± 386.482 χ^2/NDF : 29.5/20

In: -33.070 ± 552.142 χ^2/NDF : 16.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -355.005 ± 386.482 χ^2/NDF : 29.5/20

asym_sam5_rms vs Slug, Sign Corrected



Right In: 1085.093+/-0.390 χ^2/NDF : 358198.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.694+/-0.383 χ^2/NDF : 476008.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

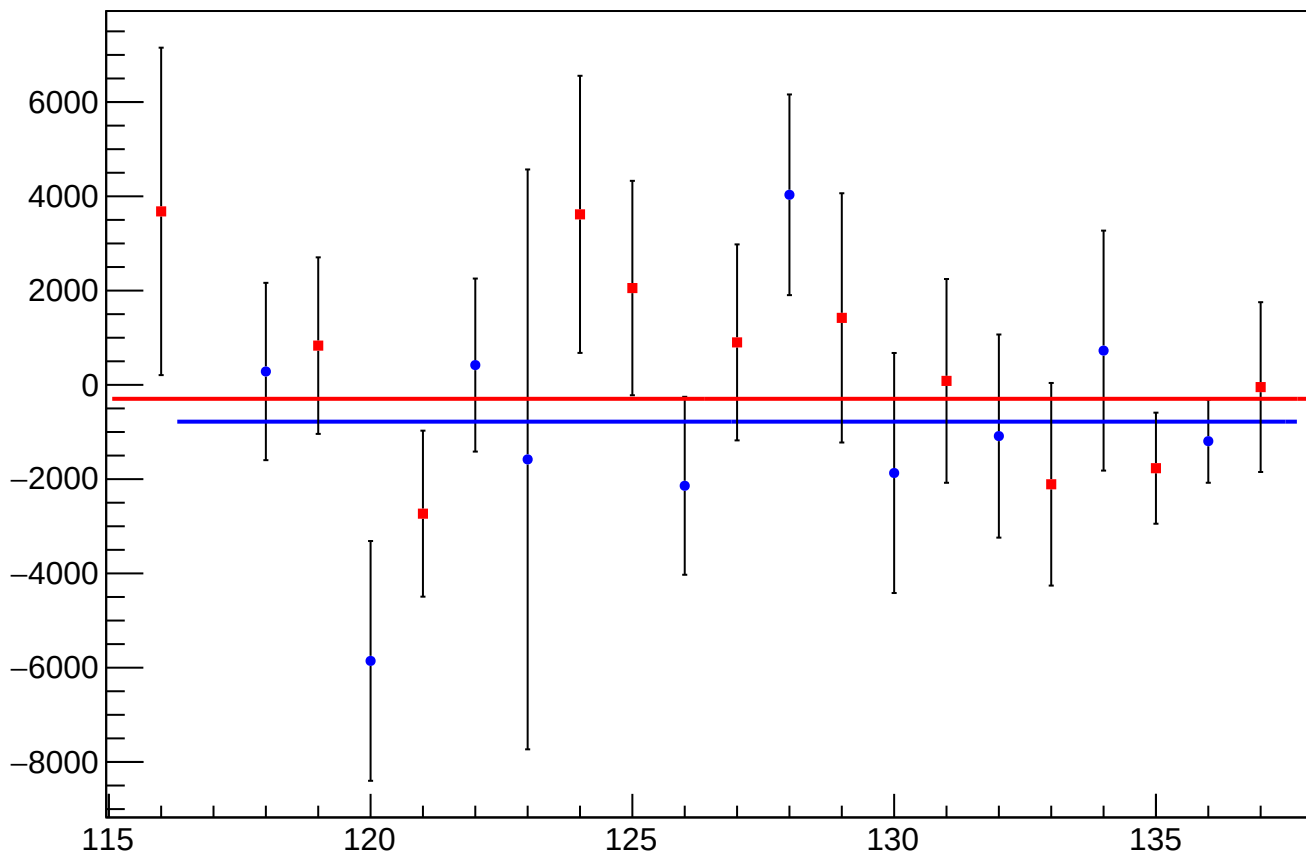
Right: 1063.468+/-0.273 χ^2/NDF : 840222.4/20

In: 1085.093+/-0.390 χ^2/NDF : 358198.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1063.468+/-0.273 χ^2/NDF : 840222.4/20

asym_sam6_mean vs Slug, Sign Corrected



Right In: -780.419+/-570.875 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -295.768+/-594.107 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

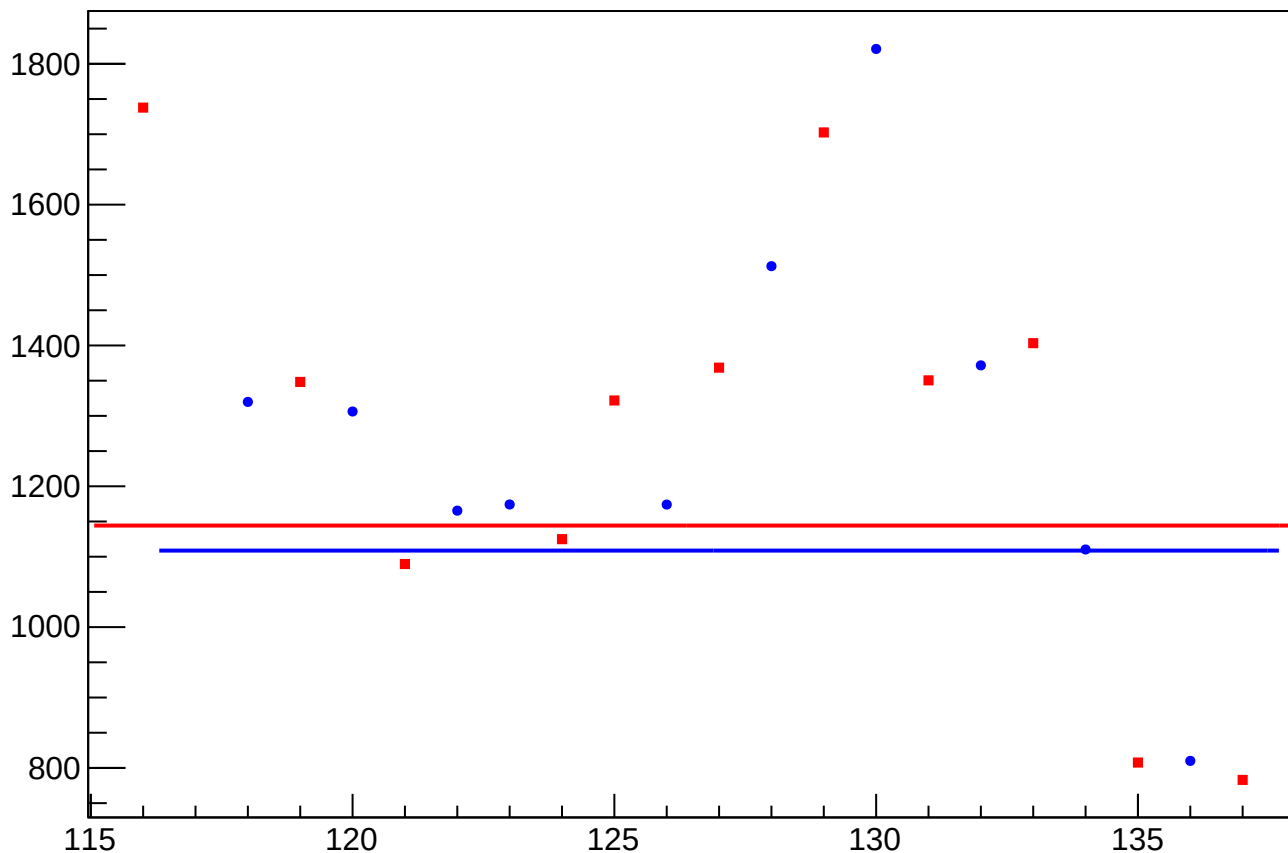
Right: -547.754+/-411.638 χ^2/NDF : 21.0/20

In: -780.419+/-570.875 χ^2/NDF :11.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -547.754+/-411.638 χ^2/NDF : 21.0/20

asym_sam6_rms vs Slug, Sign Corrected



Right In: 1108.689+/-0.404 χ^2/NDF : 529034.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1144.226+/-0.420 χ^2/NDF : 499713.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

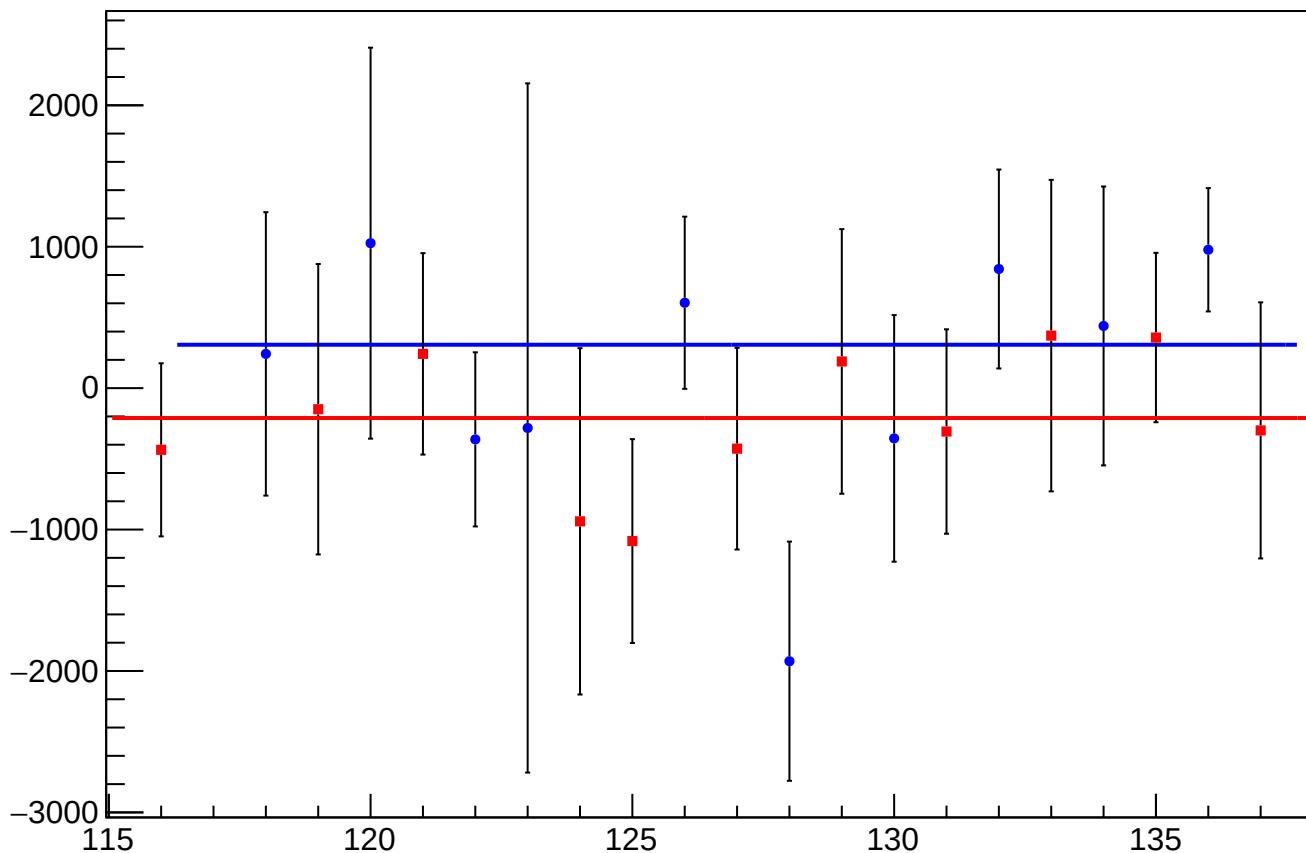
Right: 1125.749+/-0.291 χ^2/NDF : 1032468.1/20

In: 1108.689+/-0.404 χ^2/NDF : 529034.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1125.749+/-0.291 χ^2/NDF : 1032468.1/20

asym_sam7_mean vs Slug, Sign Corrected



Right In: 306.899+/-235.393 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -211.320+/-235.462 χ^2/NDF : 3.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

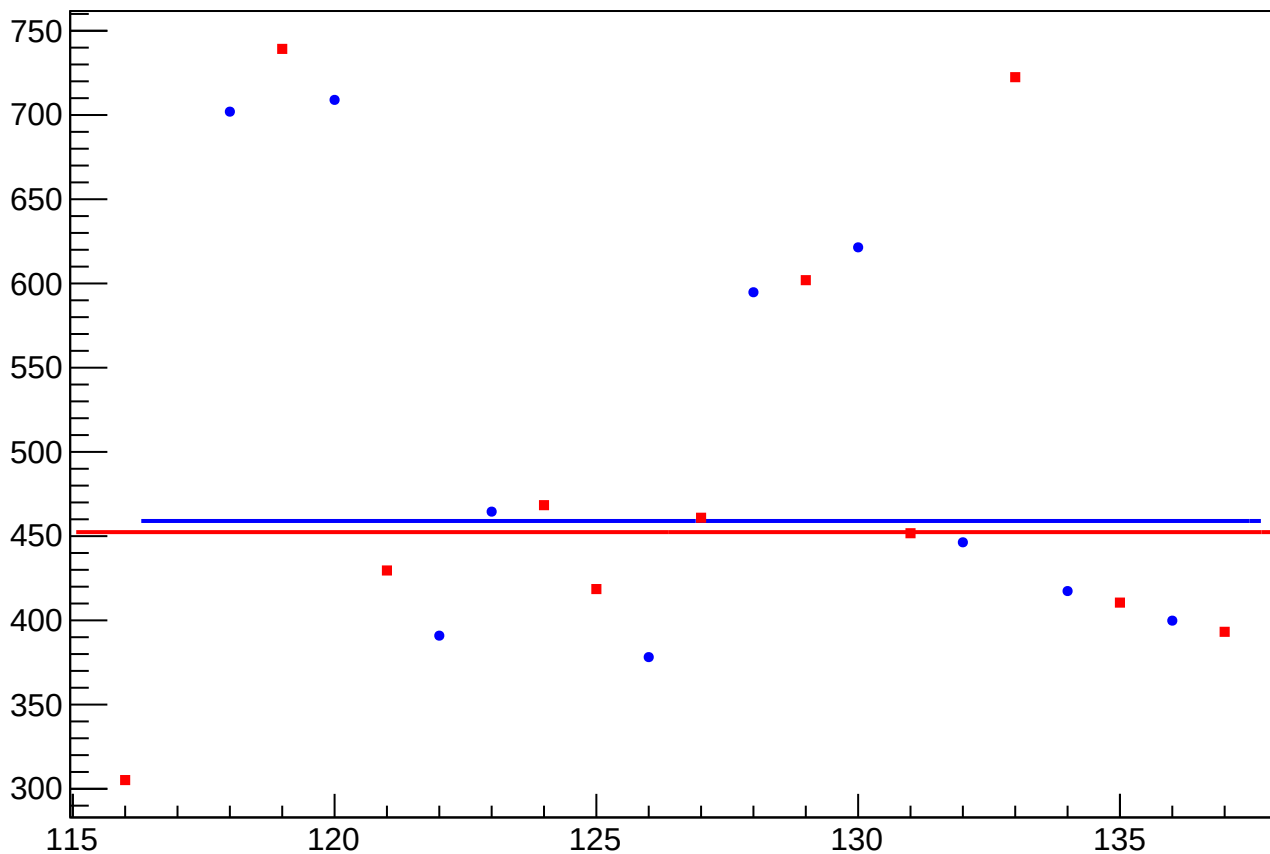
Right: 47.866+/-166.472 χ^2/NDF : 18.6/20

In: 306.899+/-235.393 χ^2/NDF :12.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.866+/-166.472 χ^2/NDF : 18.6/20

asym_sam7_rms vs Slug, Sign Corrected



Right In: 459.001+/-0.166 χ^2/NDF : 404721.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.385+/-0.166 χ^2/NDF : 468586.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

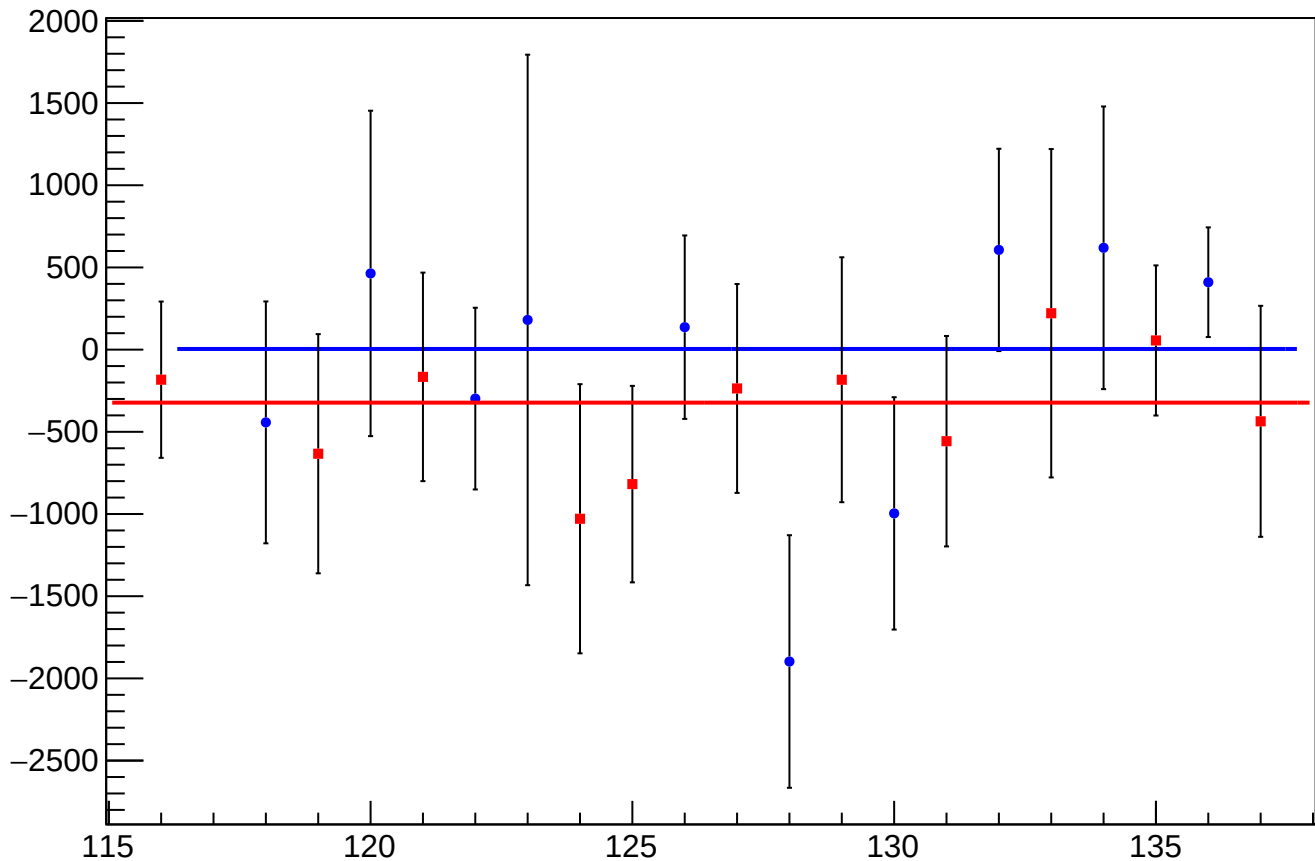
Right: 455.694+/-0.118 χ^2/NDF : 874098.5/20

In: 459.001+/-0.166 χ^2/NDF : 404721.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.694+/-0.118 χ^2/NDF : 874098.5/20

asym_sam8_mean vs Slug, Sign Corrected



Right In: 4.075+/-194.572 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -322.459+/-190.234 χ^2/NDF : 3.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

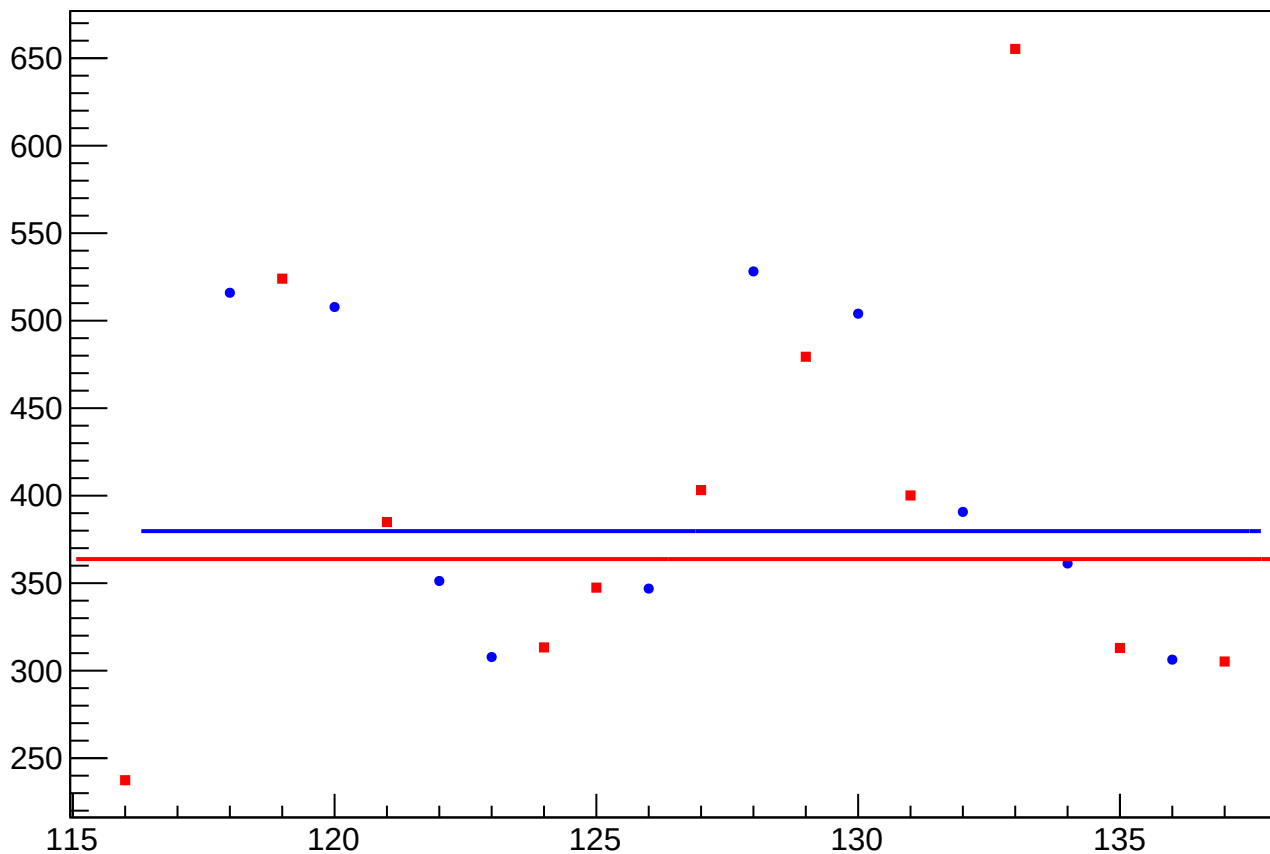
Right: -162.873+/-136.023 χ^2/NDF : 16.4/20

In: 4.075+/-194.572 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.873+/-136.023 χ^2/NDF : 16.4/20

asym_sam8_rms vs Slug, Sign Corrected



Right In: 379.742+/-0.138 χ^2/NDF : 353176.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.768+/-0.135 χ^2/NDF : 520963.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

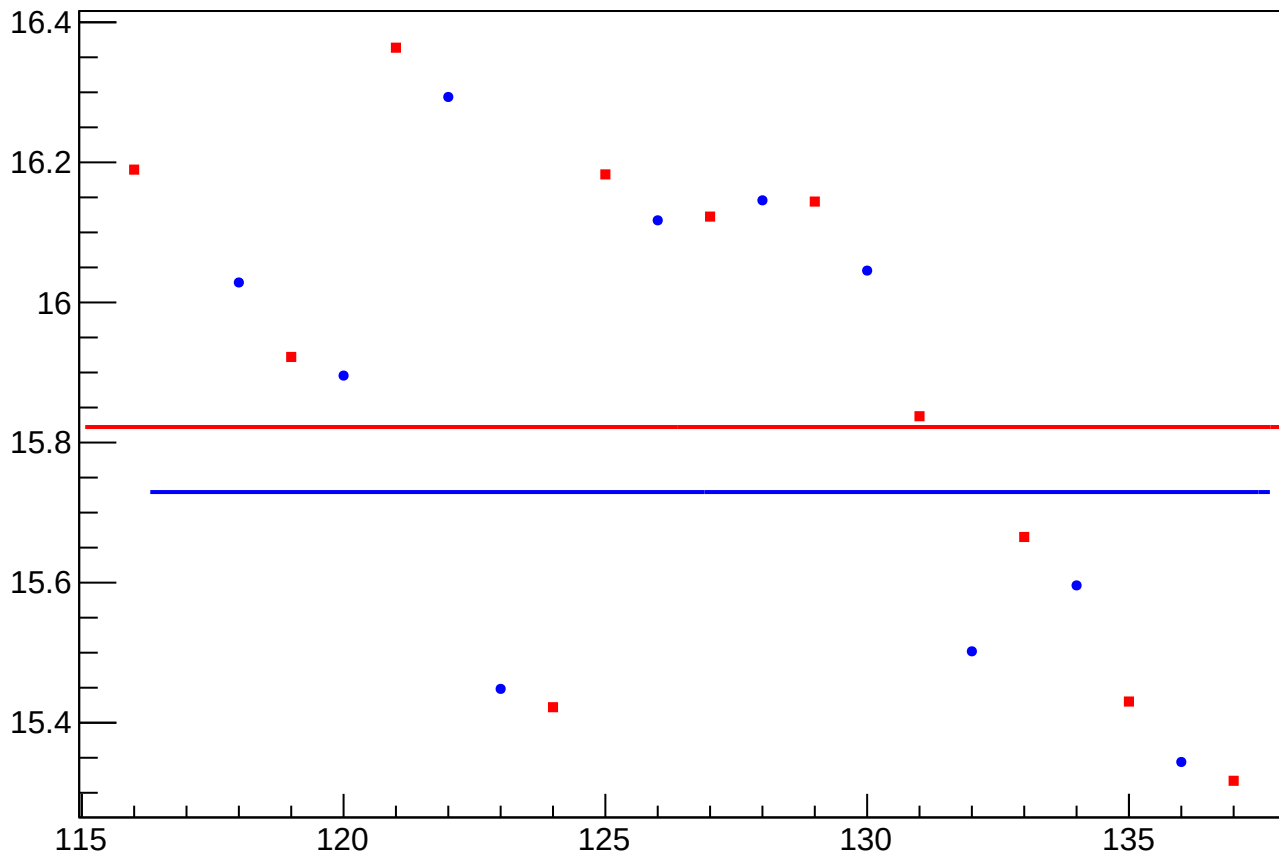
Right: 371.575+/-0.096 χ^2/NDF : 881032.9/20

In: 379.742+/-0.138 χ^2/NDF : 353176.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.575+/-0.096 χ^2/NDF : 881032.9/20

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.729+/-0.000 χ^2/NDF : 4069531591.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.822+/-0.000 χ^2/NDF : 3257697415.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

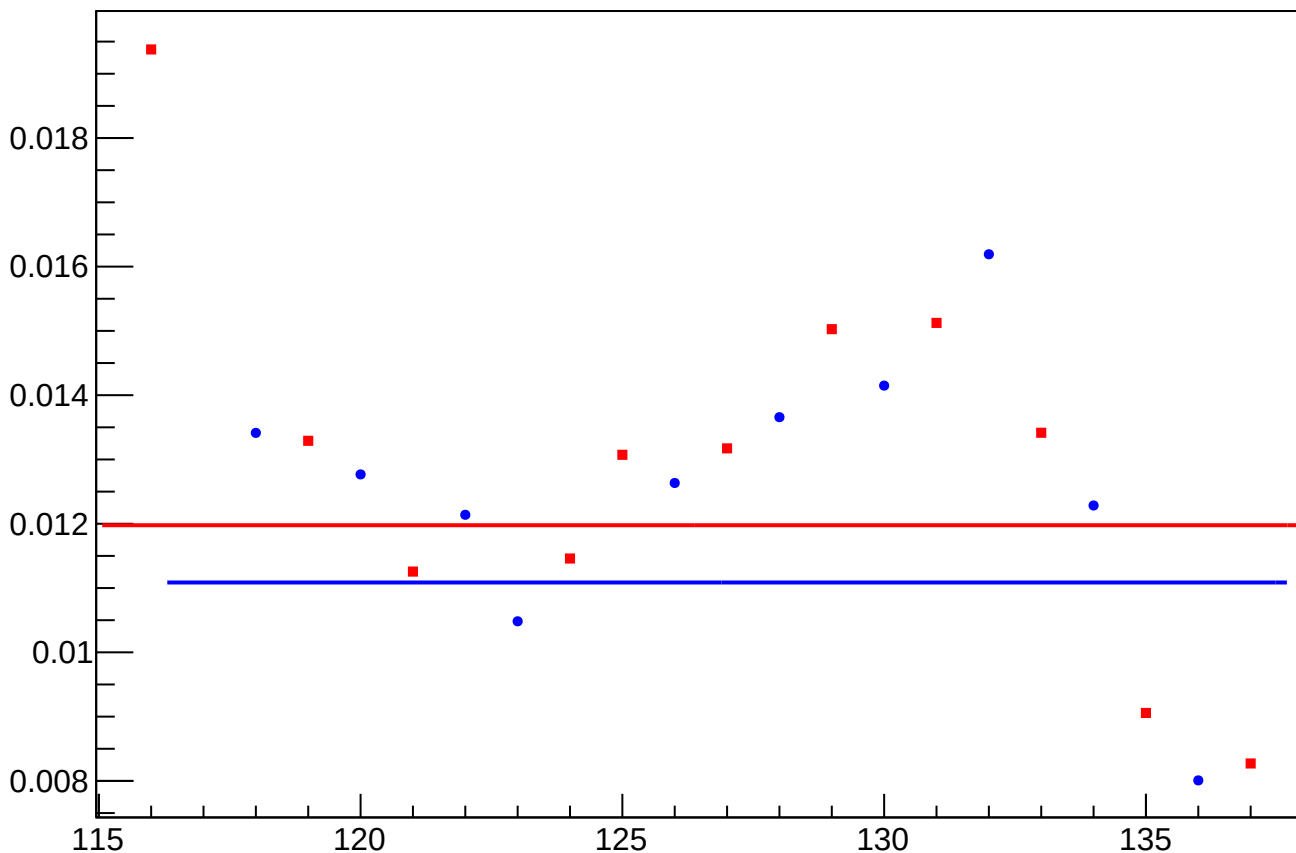
Right: 15.772+/-0.000 χ^2/NDF : 7443107781.5/20

In: 15.729+/-0.000 χ^2/NDF :4069531591.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.772+/-0.000 χ^2/NDF : 7443107781.5/20

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 442543.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 327315.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

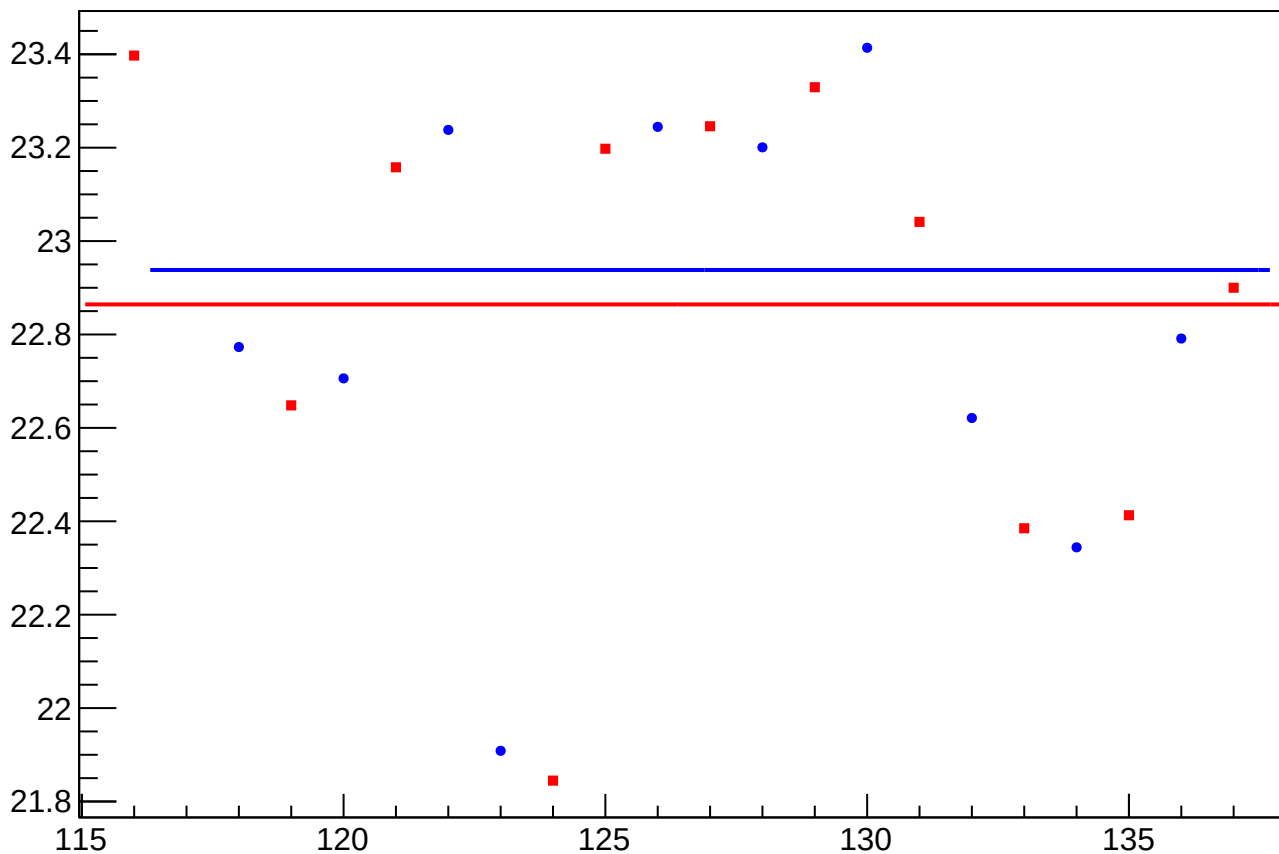
Right: 0.011+/-0.000 χ^2/NDF : 791190.7/20

In: 0.011+/-0.000 χ^2/NDF :442543.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 791190.7/20

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.938+/-0.000 χ^2/NDF : 23419821.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.864+/-0.000 χ^2/NDF : 37500108.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

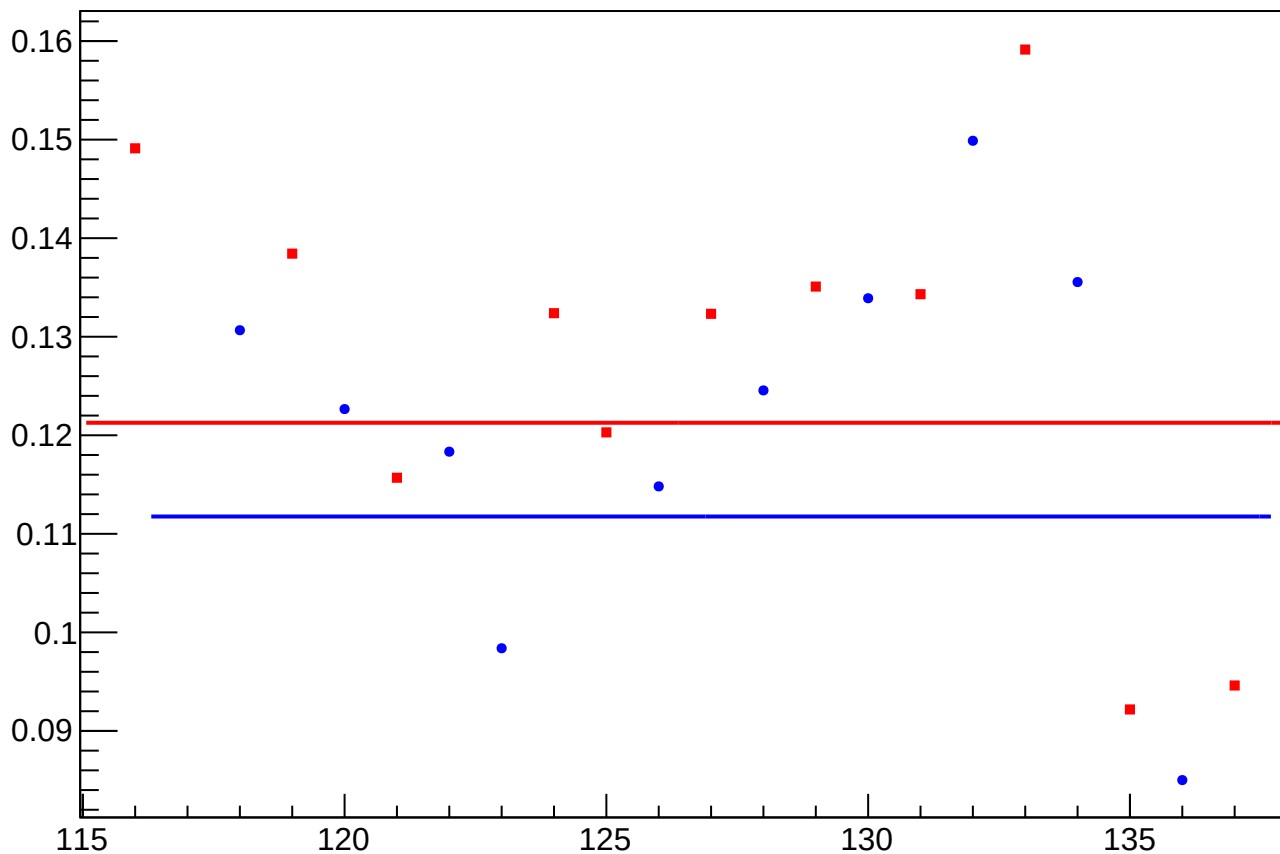
Right: 22.904+/-0.000 χ^2/NDF : 61589027.5/20

In: 22.938+/-0.000 χ^2/NDF : 23419821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.904+/-0.000 χ^2/NDF : 61589027.5/20

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.112+/-0.000 χ^2/NDF : 246583.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.121+/-0.000 χ^2/NDF : 202866.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

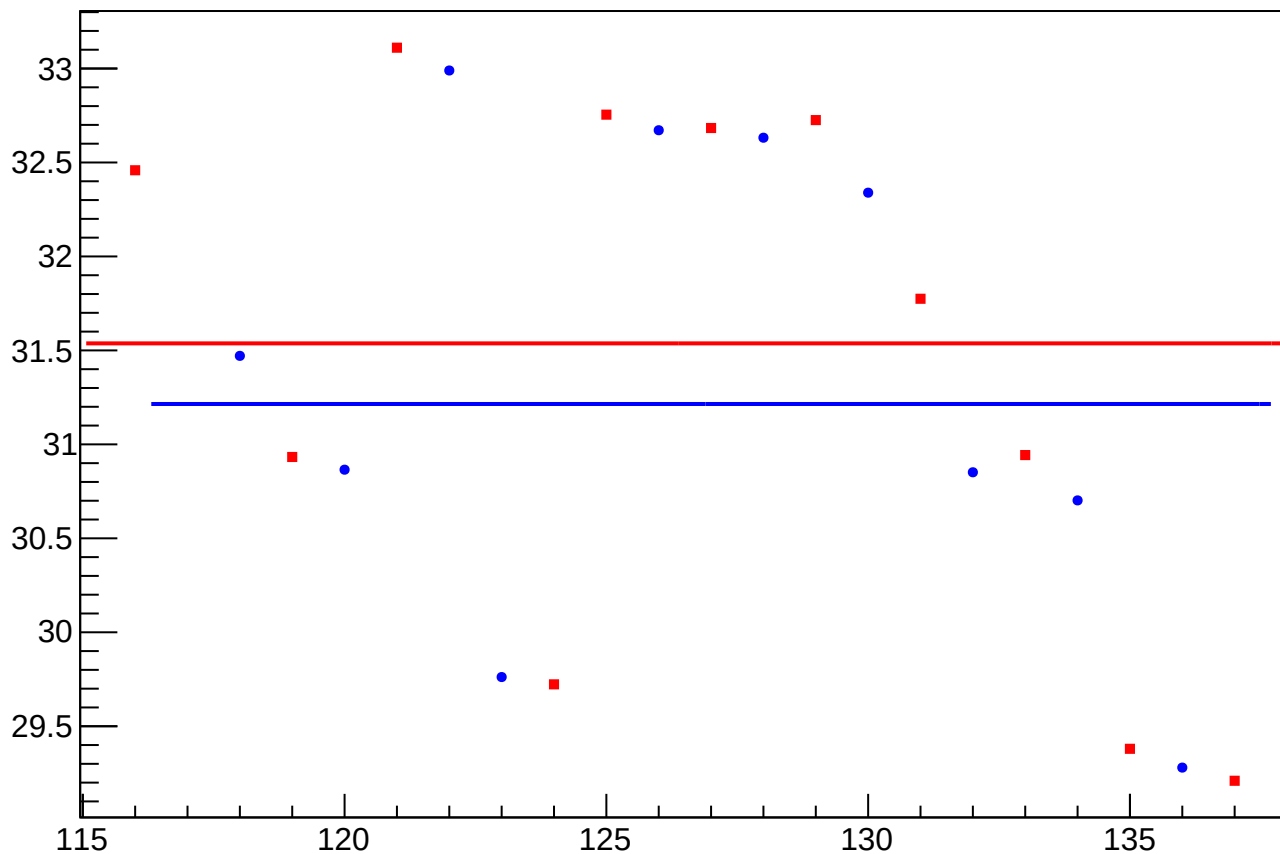
Right: 0.116+/-0.000 χ^2/NDF : 471760.9/20

In: 0.112+/-0.000 χ^2/NDF : 246583.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.000 χ^2/NDF : 471760.9/20

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.215+/-0.000 χ^2/NDF : 1073649158.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.537+/-0.000 χ^2/NDF : 936780069.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

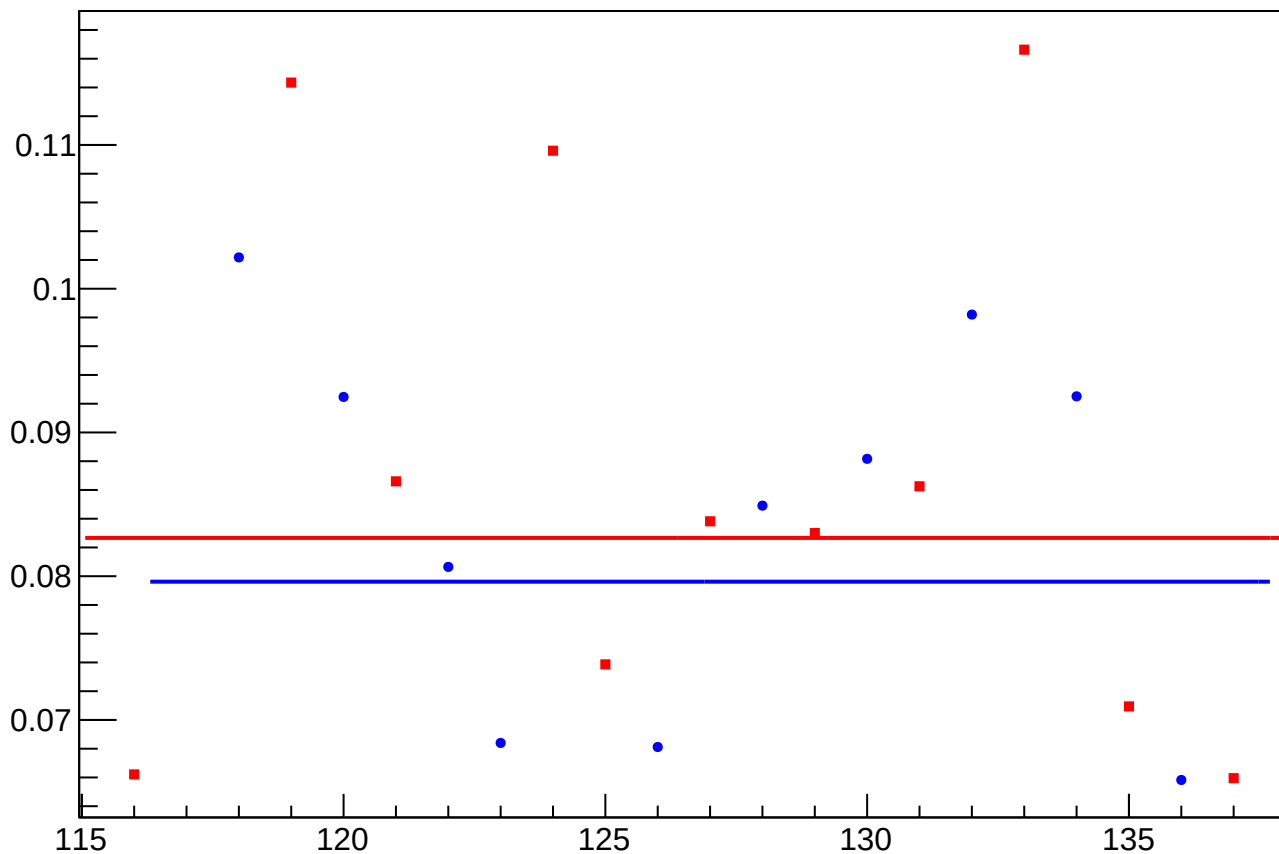
Right: 31.368+/-0.000 χ^2/NDF : 2035172124.0/20

In: 31.215+/-0.000 χ^2/NDF :1073649158.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.368+/-0.000 χ^2/NDF : 2035172124.0/20

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.080+/-0.000 χ^2/NDF : 166685.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.083+/-0.000 χ^2/NDF : 217208.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

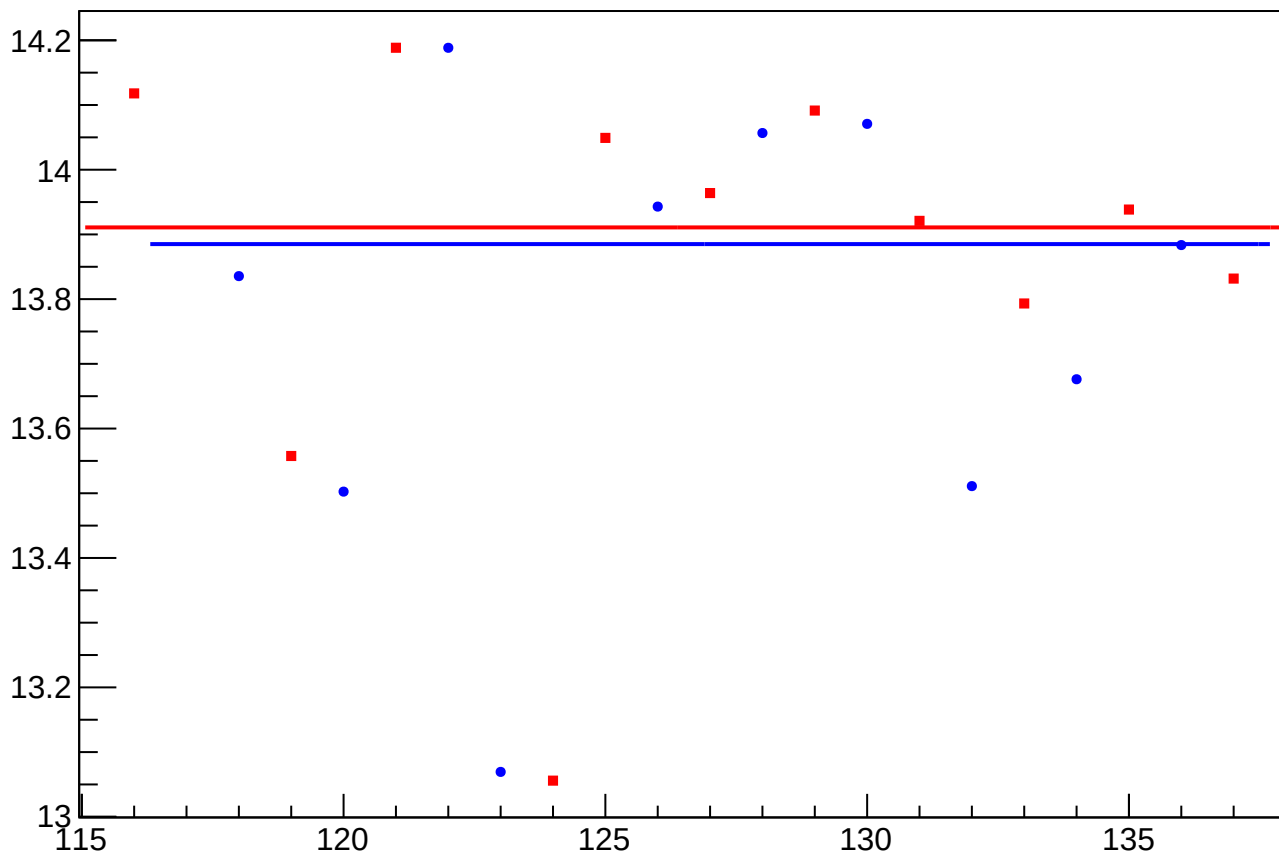
Right: 0.081+/-0.000 χ^2/NDF : 388302.2/20

In: 0.080+/-0.000 χ^2/NDF : 166685.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.000 χ^2/NDF : 388302.2/20

yield_sam4_mean vs Slug, Sign Corrected



Right In: 13.885+/-0.000 χ^2/NDF : 29504392.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.911+/-0.000 χ^2/NDF : 30168625.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

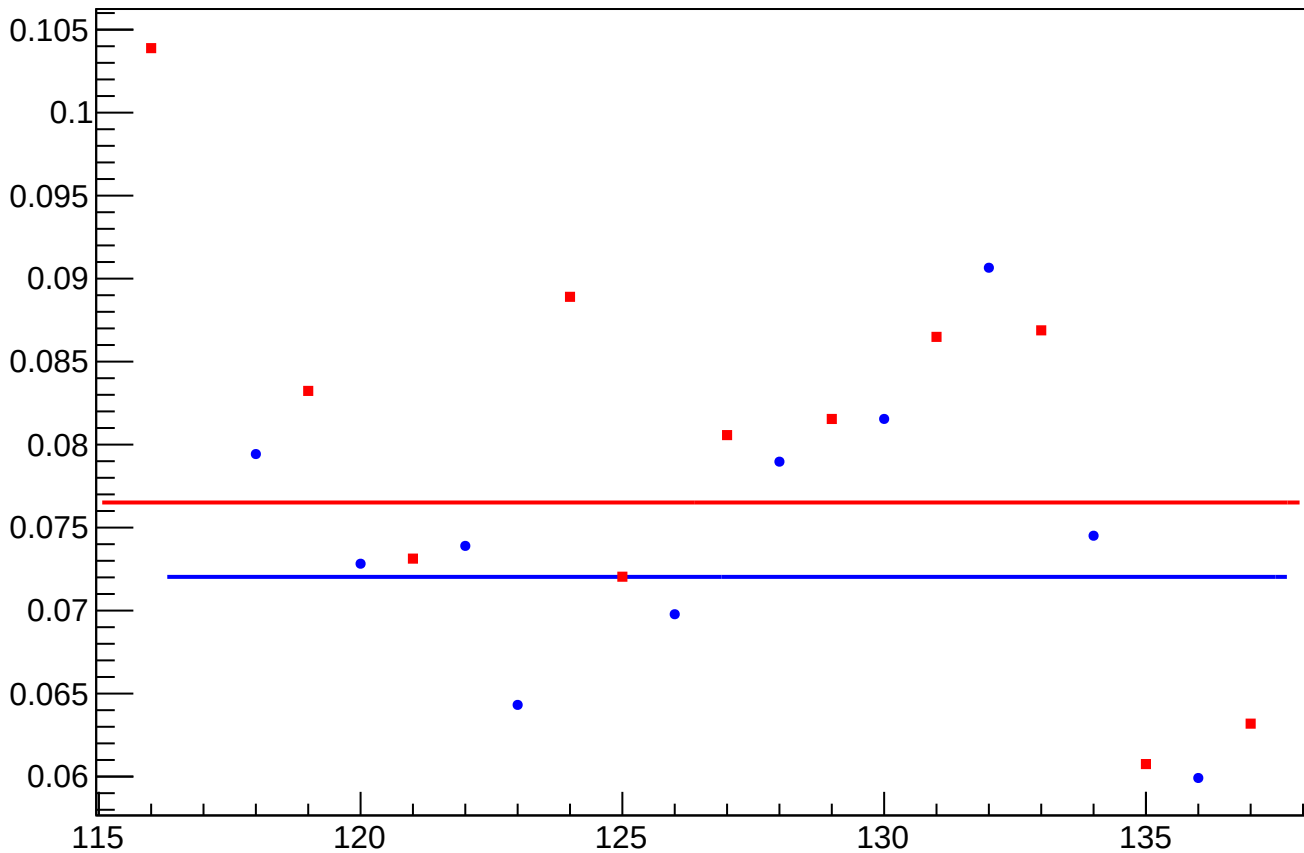
Right: 13.897+/-0.000 χ^2/NDF : 59882096.6/20

In: 13.885+/-0.000 χ^2/NDF : 29504392.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.897+/-0.000 χ^2/NDF : 59882096.6/20

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 120253.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.077+/-0.000 χ^2/NDF : 142729.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

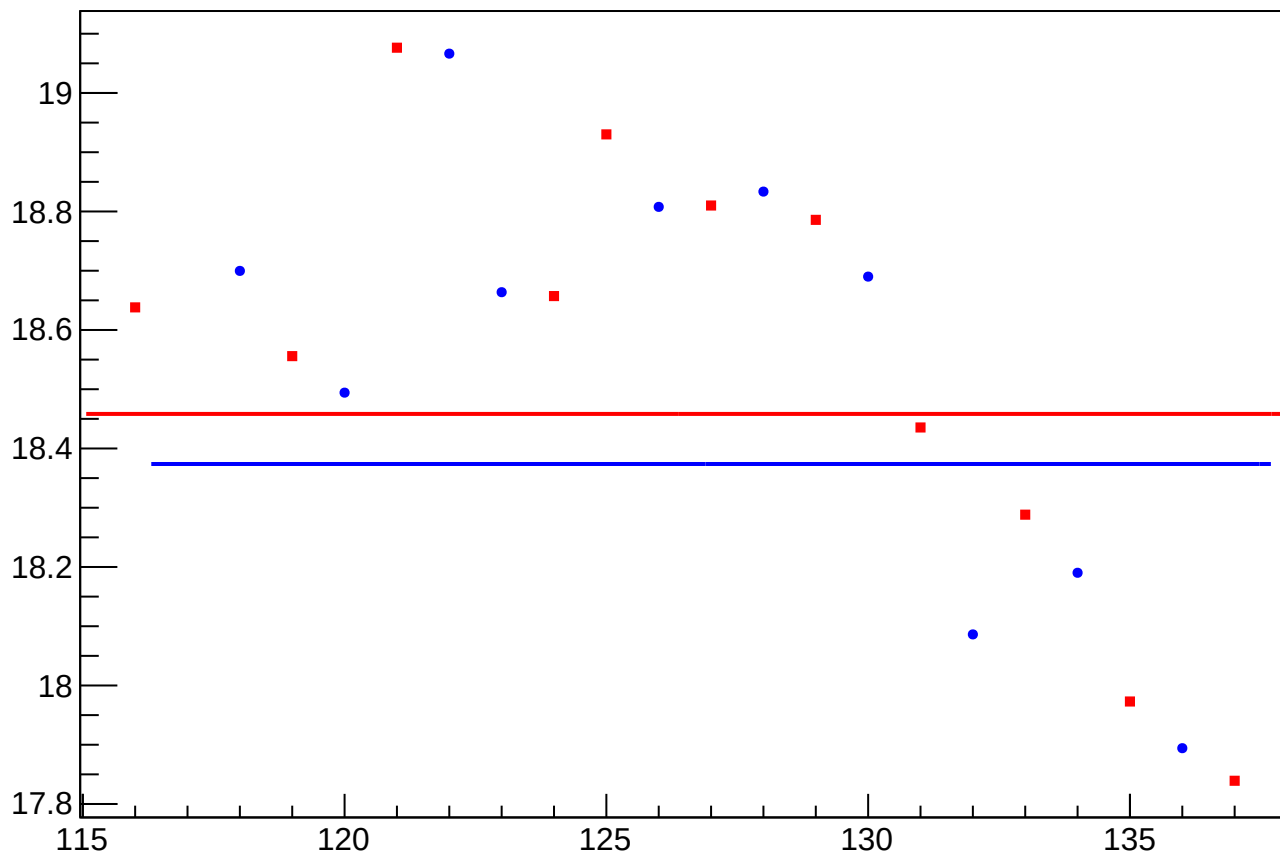
Right: 0.074+/-0.000 χ^2/NDF : 275617.2/20

In: 0.072+/-0.000 χ^2/NDF : 120253.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.074+/-0.000 χ^2/NDF : 275617.2/20

yield_sam5_mean vs Slug, Sign Corrected



Right In: 18.374+/-0.000 χ^2/NDF : 604208941.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.458+/-0.000 χ^2/NDF : 478766129.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

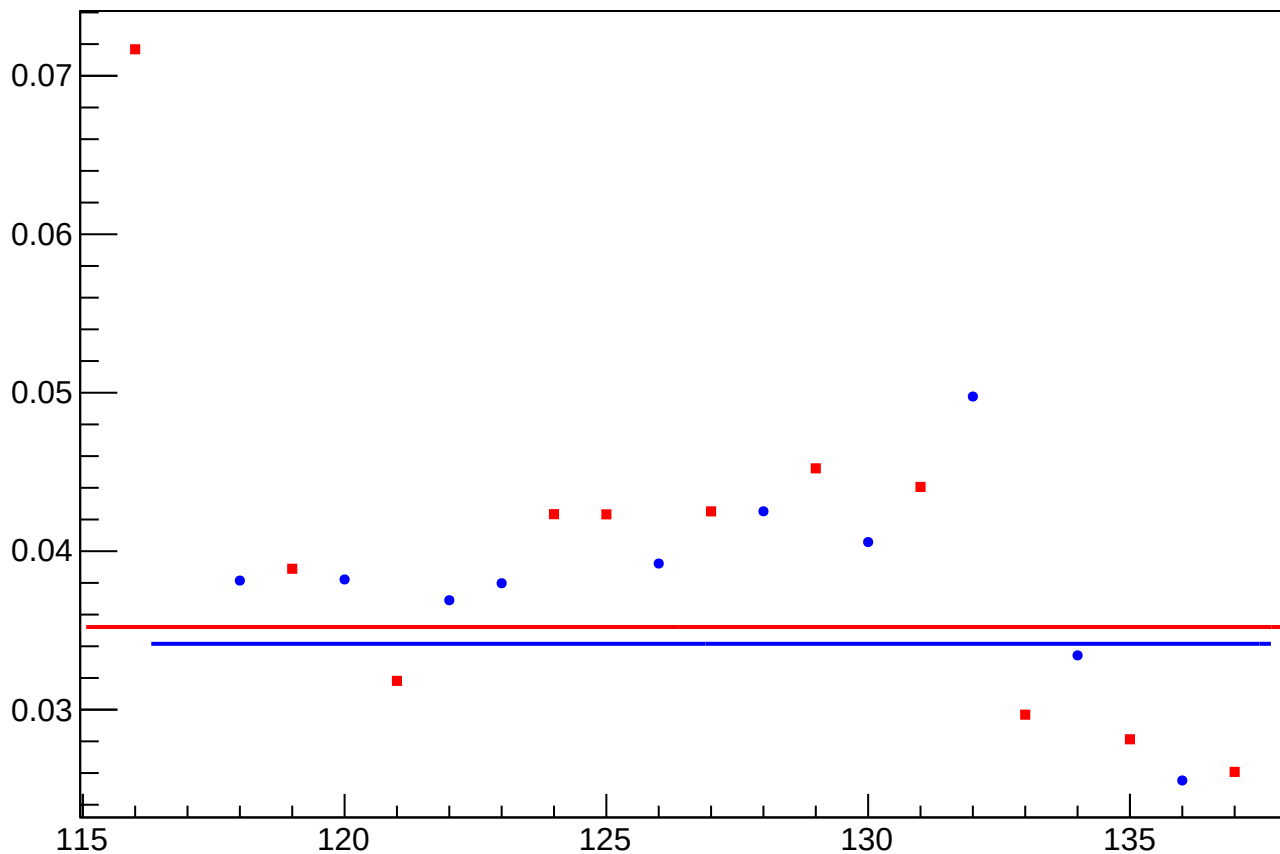
Right: 18.414+/-0.000 χ^2/NDF : 1093679624.6/20

In: 18.374+/-0.000 χ^2/NDF :604208941.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.414+/-0.000 χ^2/NDF : 1093679624.6/20

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 349309.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 390494.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

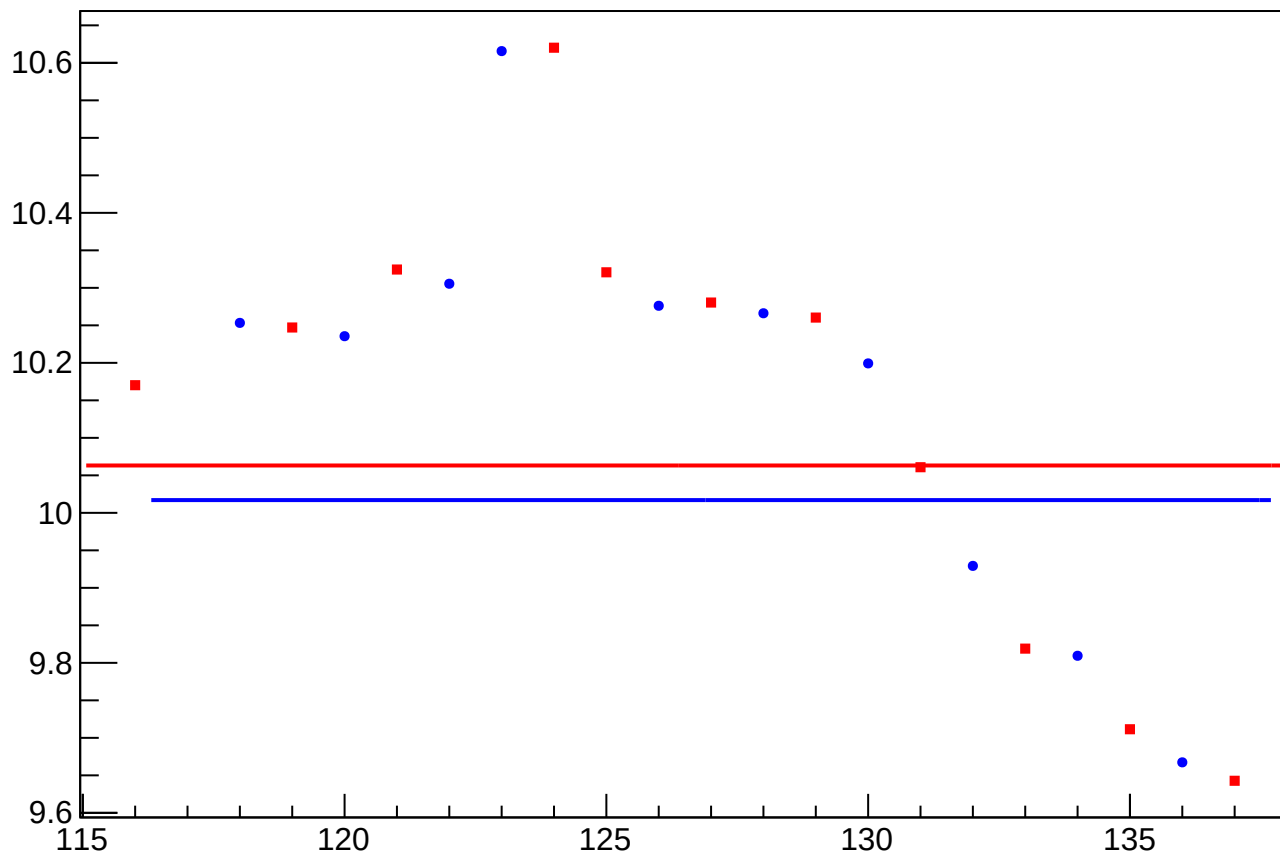
Right: 0.035+/-0.000 χ^2/NDF : 743169.3/20

In: 0.034+/-0.000 χ^2/NDF : 349309.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 743169.3/20

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.017+/-0.000 χ^2/NDF : 868689776.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.063+/-0.000 χ^2/NDF : 798425104.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

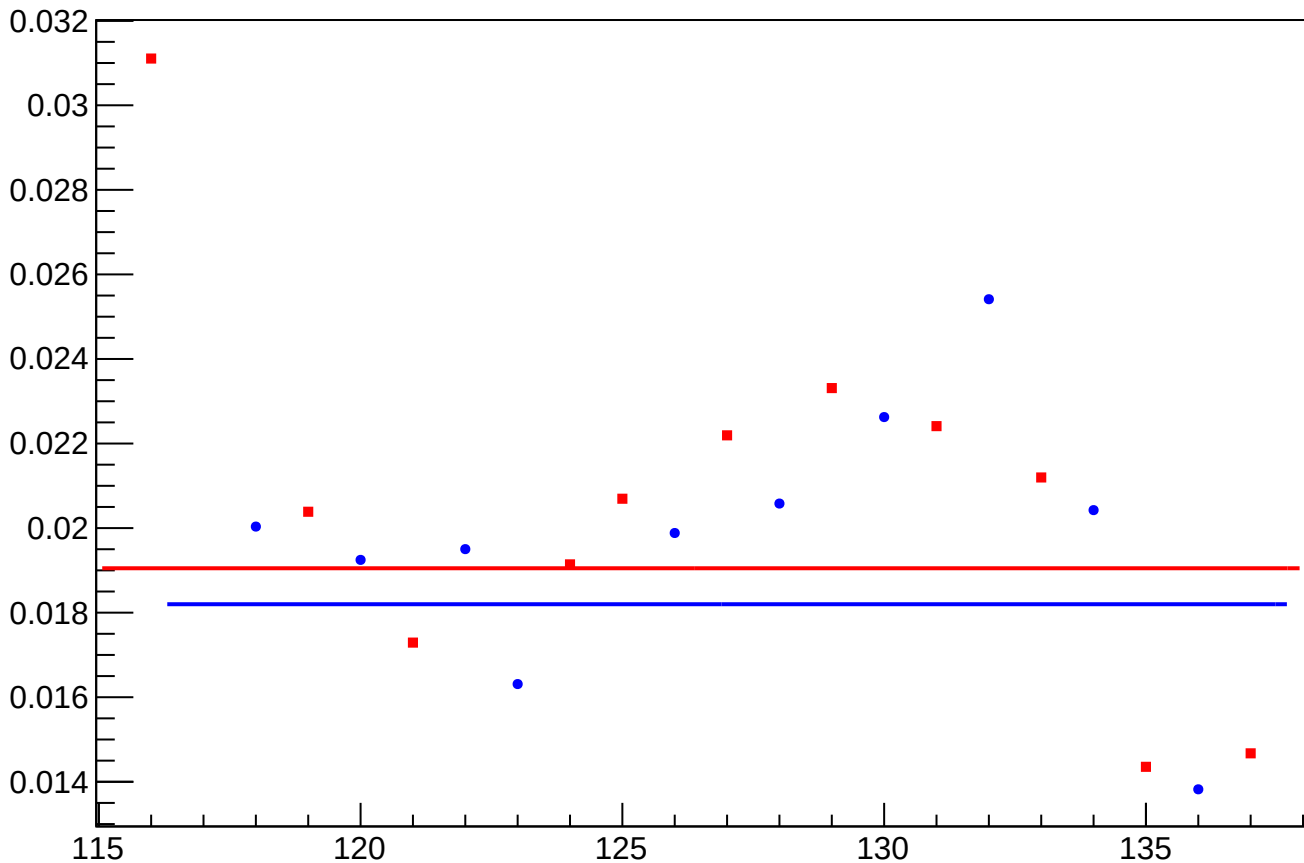
Right: 10.039+/-0.000 χ^2/NDF : 1677793730.3/20

In: 10.017+/-0.000 χ^2/NDF :868689776.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.039+/-0.000 χ^2/NDF : 1677793730.3/20

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 271676.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 276047.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

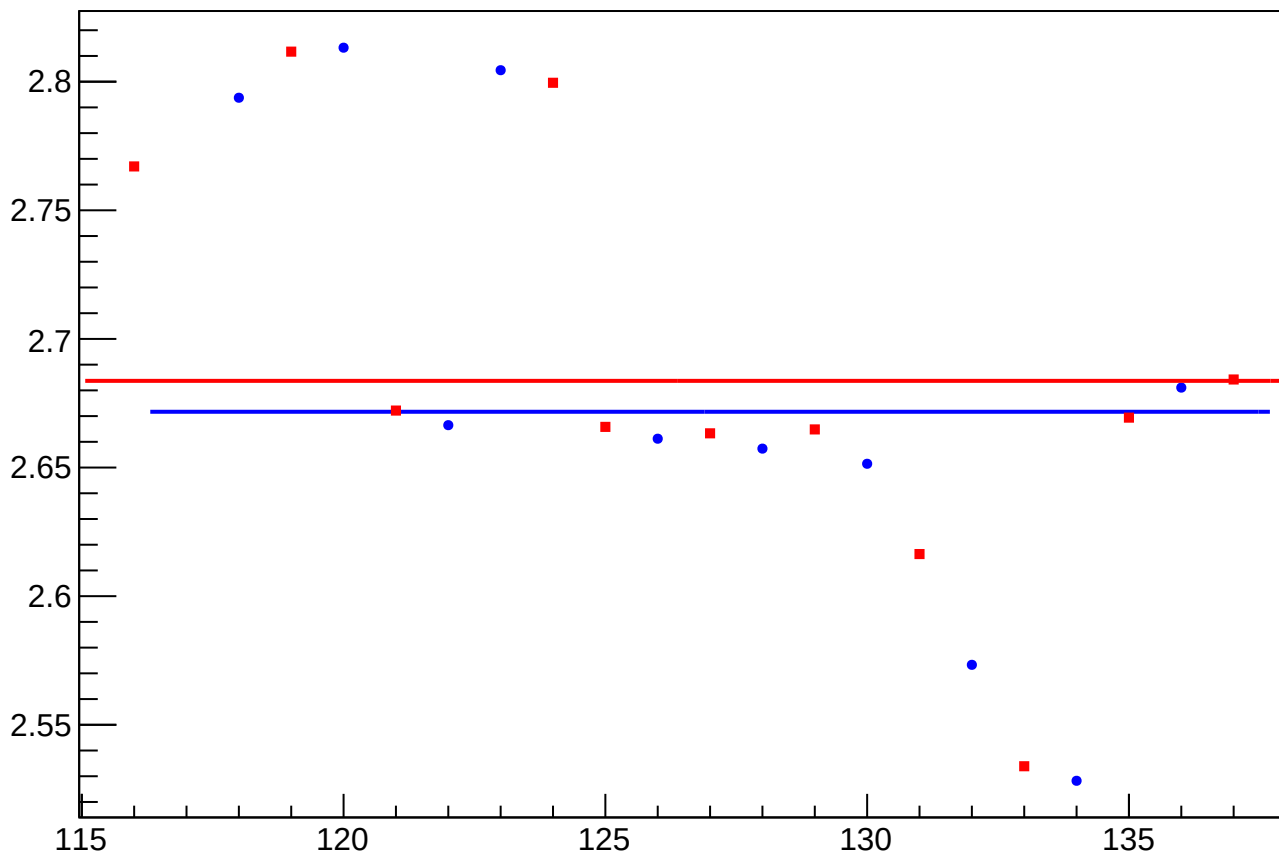
Right: 0.019+/-0.000 χ^2/NDF : 554979.7/20

In: 0.018+/-0.000 χ^2/NDF : 271676.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 554979.7/20

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.672+/-0.000

χ^2/NDF : 2833830807.2/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.677+/-0.000

χ^2/NDF : 5865052192.8/20

Right Out: 2.684+/-0.000

χ^2/NDF : 2974916711.7/10

In: 2.672+/-0.000

χ^2/NDF : 2833830807.2/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

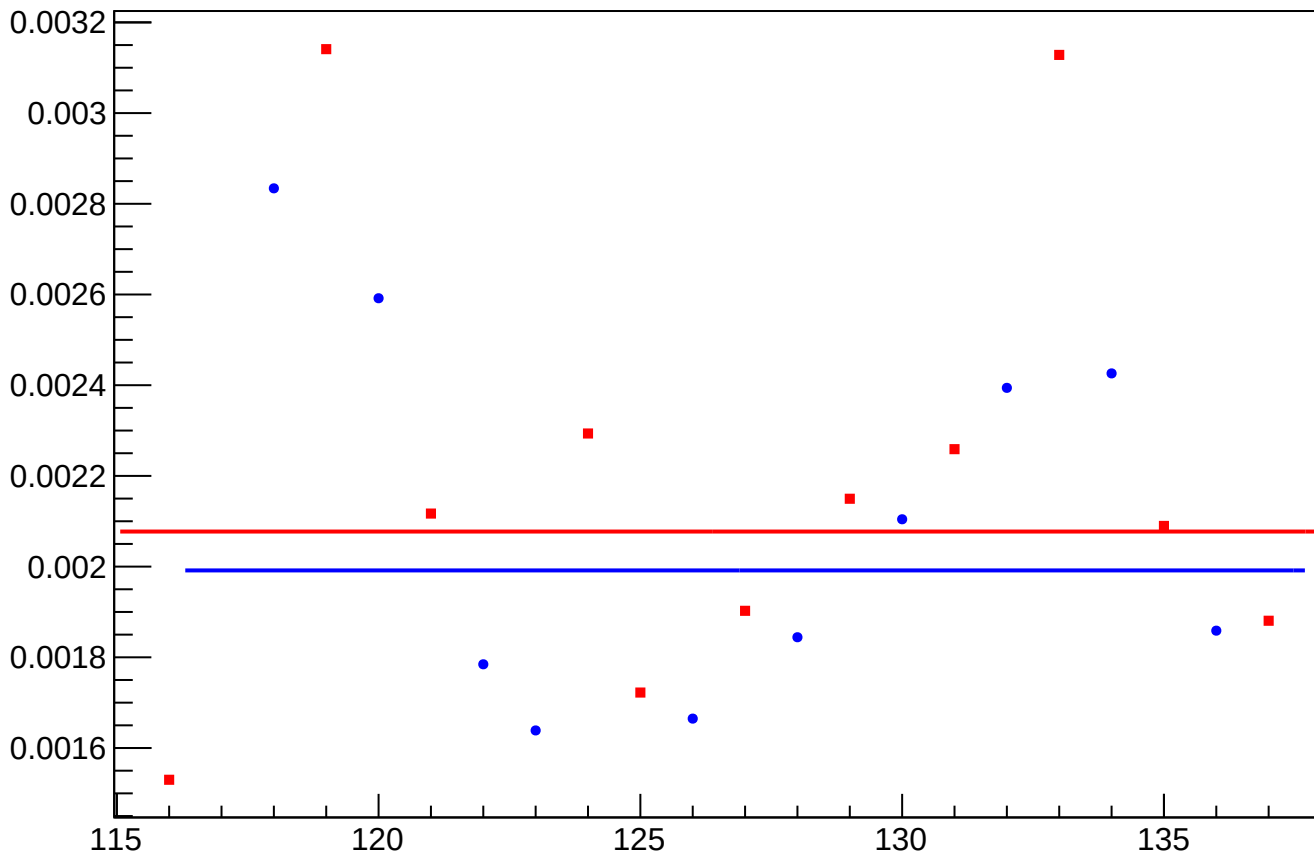
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.677+/-0.000

χ^2/NDF : 5865052192.8/20

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 181623.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 287106.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

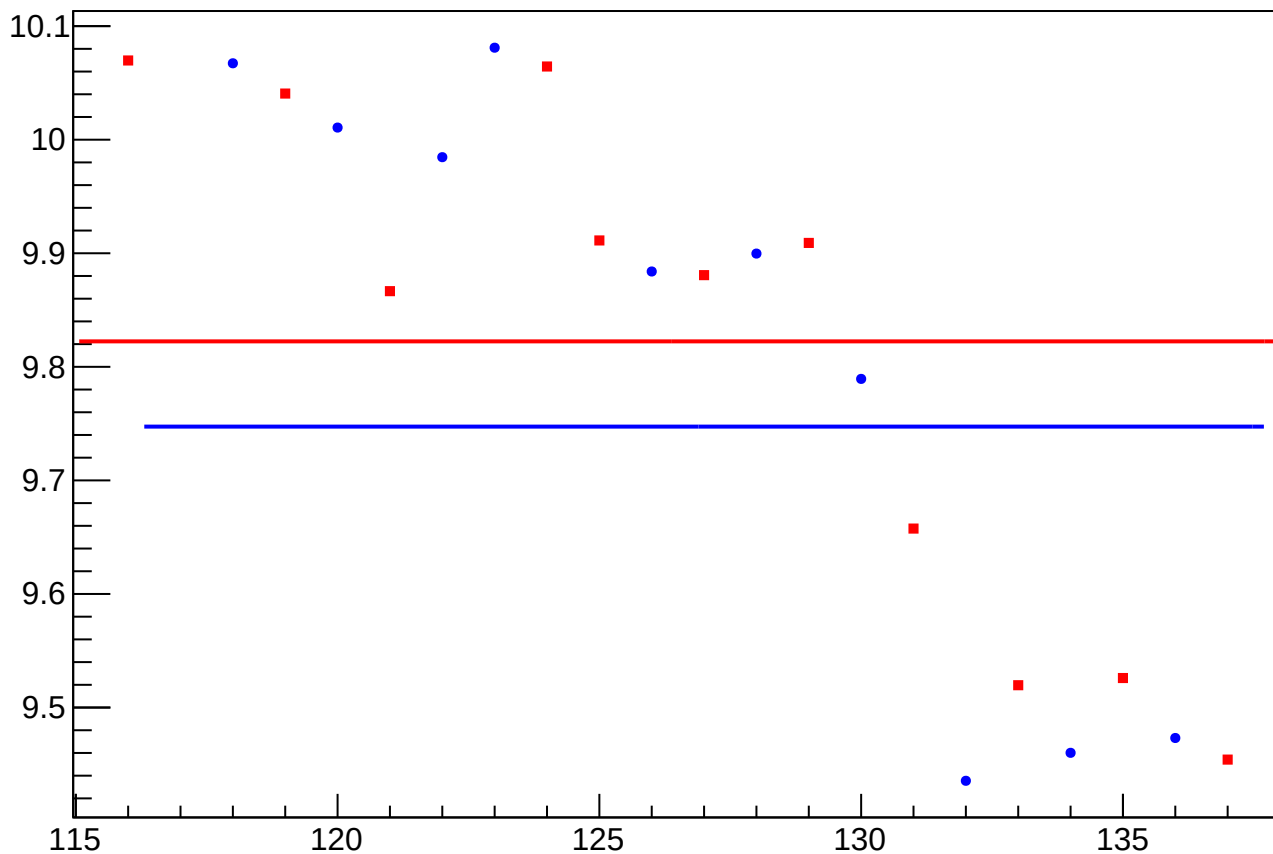
Right: 0.002+/-0.000 χ^2/NDF : 474461.1/20

In: 0.002+/-0.000 χ^2/NDF :181623.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 474461.1/20

yield_sam8_mean vs Slug, Sign Corrected



Right In: 9.747+/-0.000

χ^2/NDF : 5255135903.2/9

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 9.822+/-0.000

χ^2/NDF : 3722237198.6/10

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 9.783+/-0.000

χ^2/NDF : 9225001628.5/20

In: 9.747+/-0.000

χ^2/NDF :5255135903.2/9

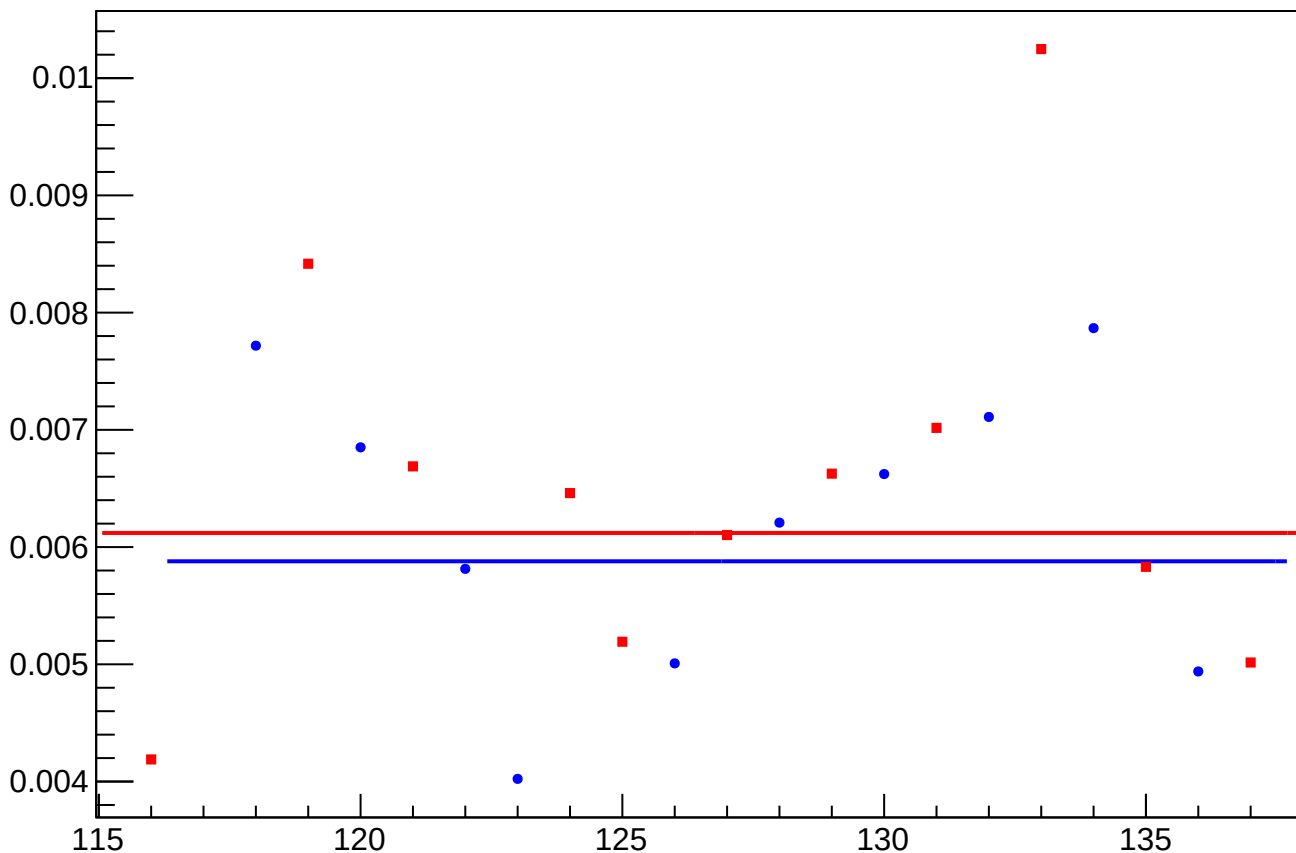
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 9.783+/-0.000

χ^2/NDF : 9225001628.5/20

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 189809.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 334284.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

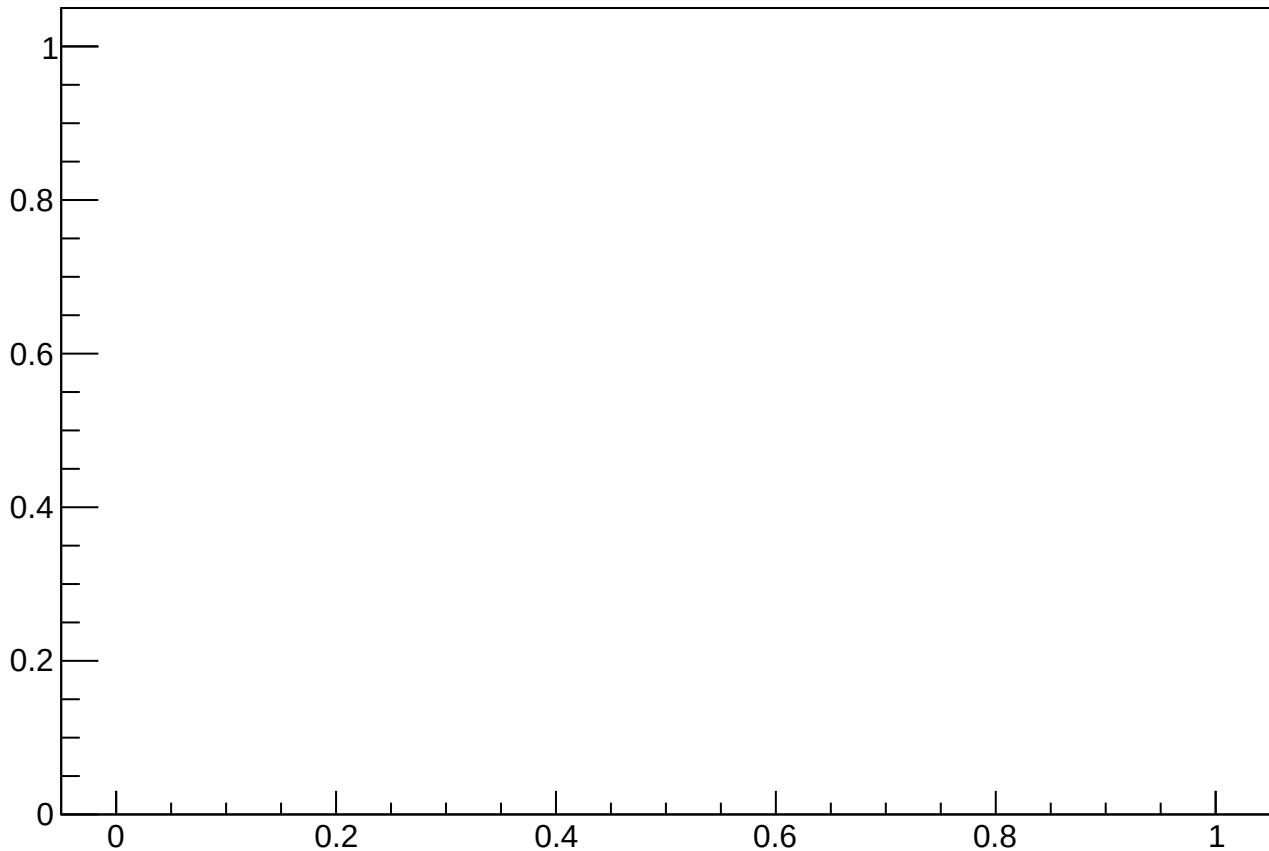
Right: 0.006+/-0.000 χ^2/NDF : 529228.9/20

In: 0.006+/-0.000 χ^2/NDF : 189809.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 529228.9/20

cor_sam1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

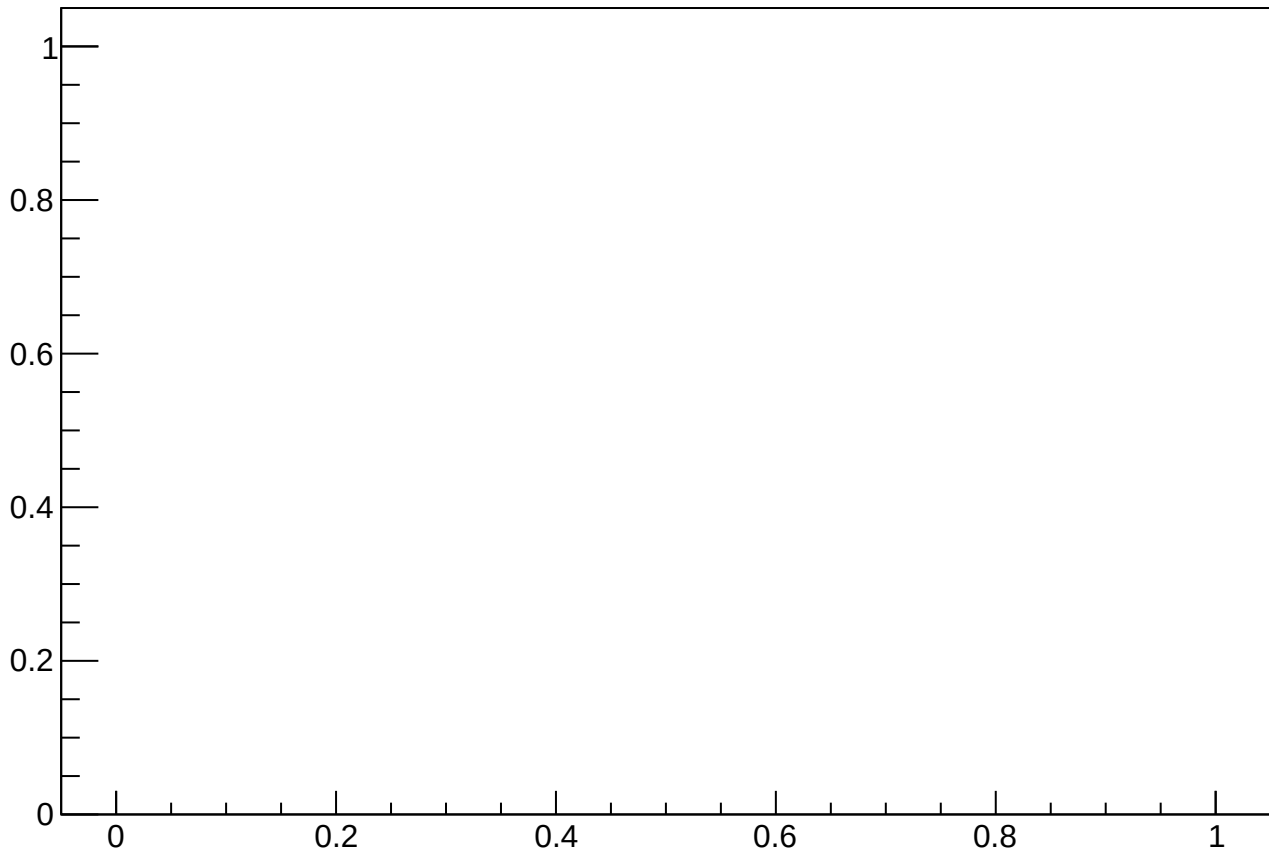
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

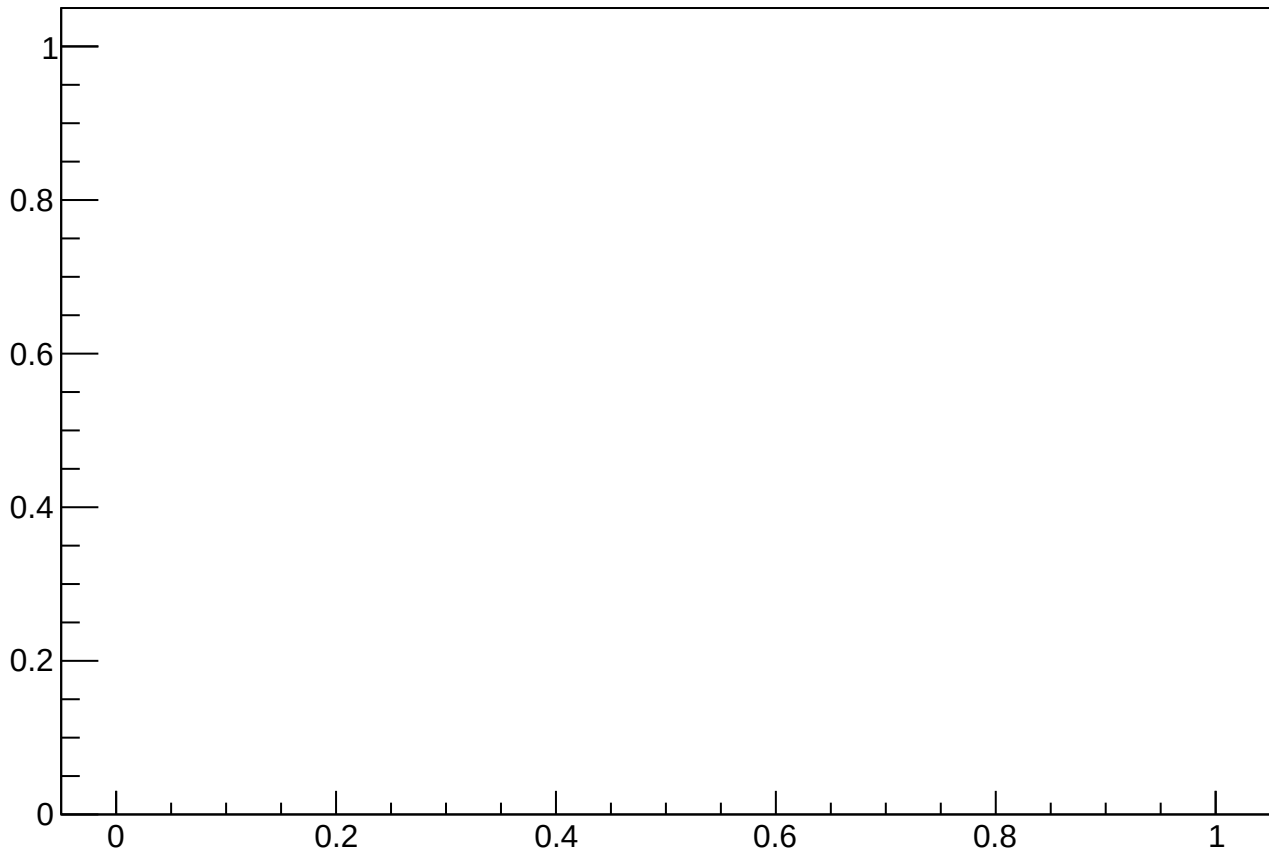
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

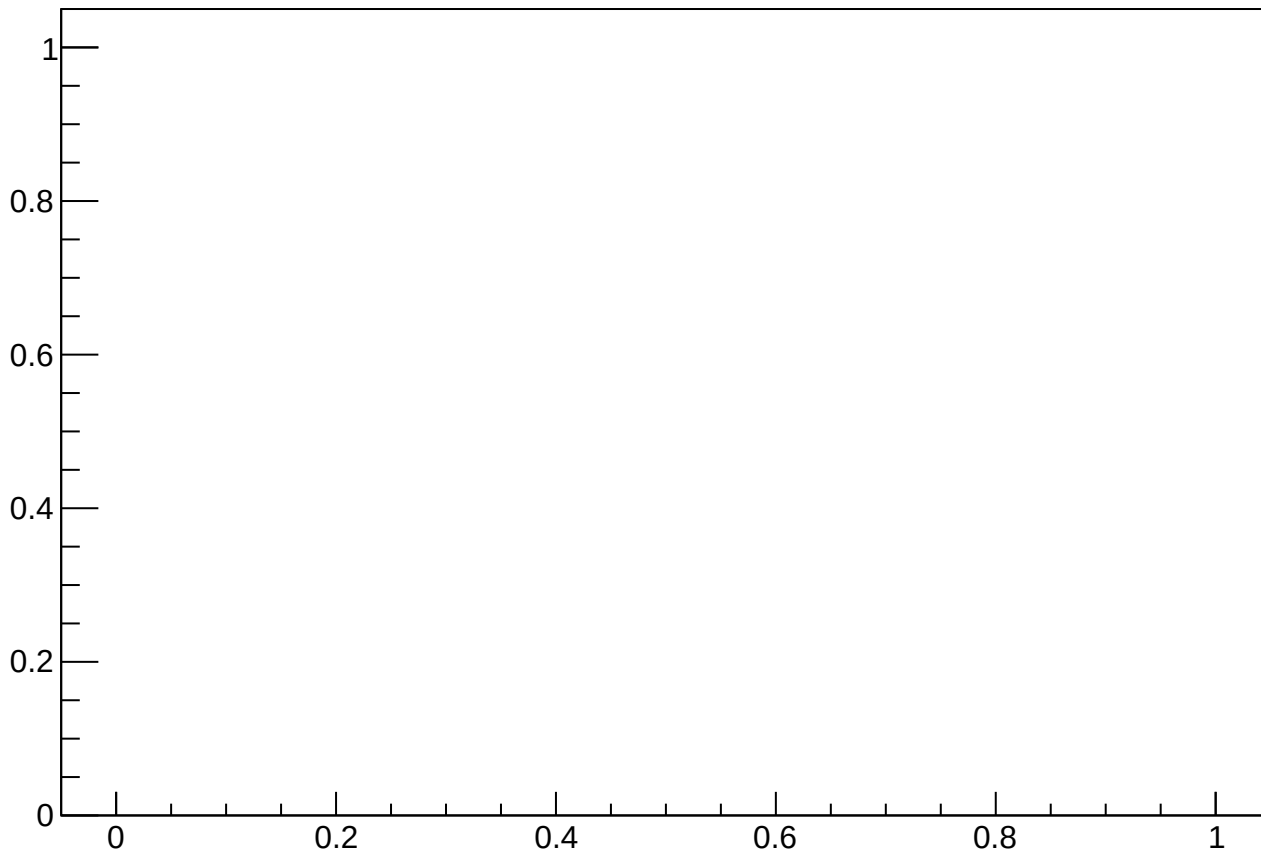
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

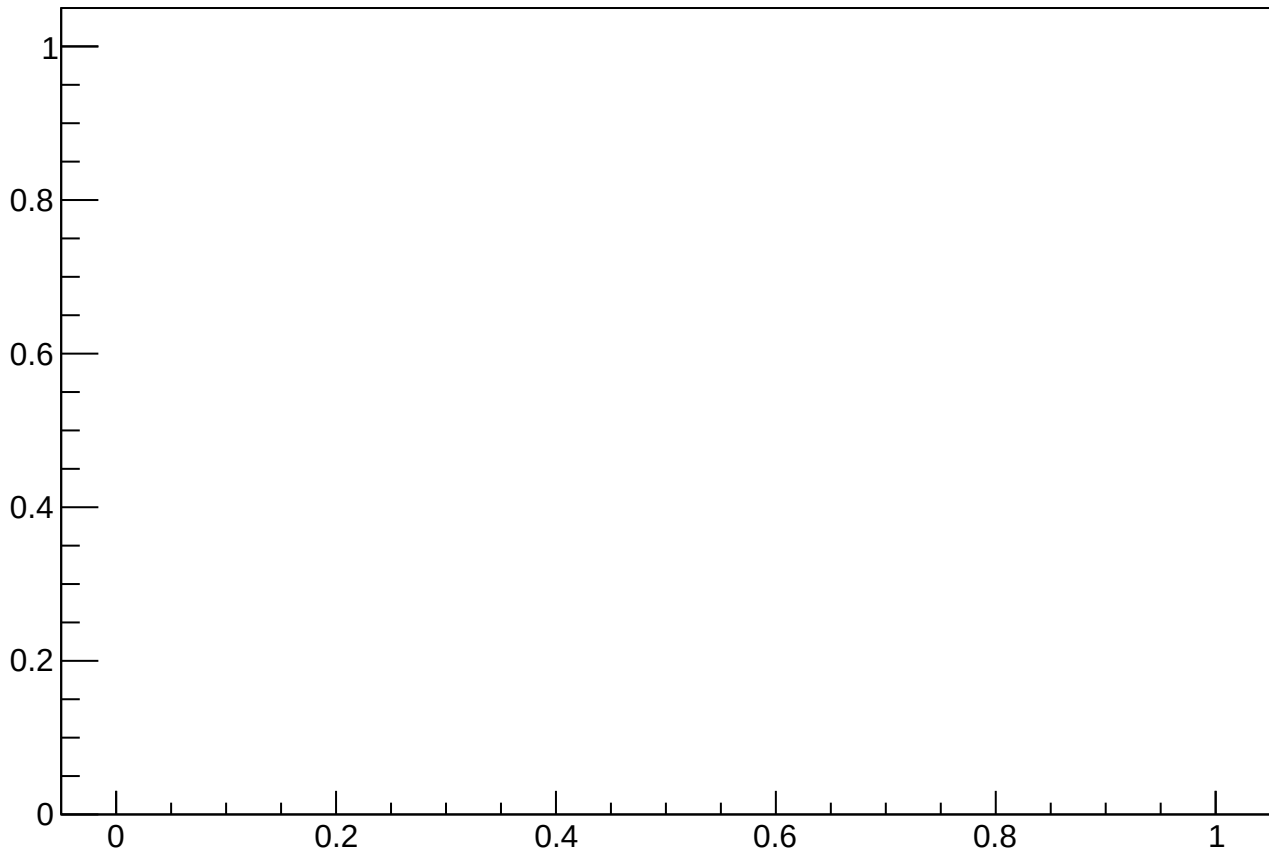
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

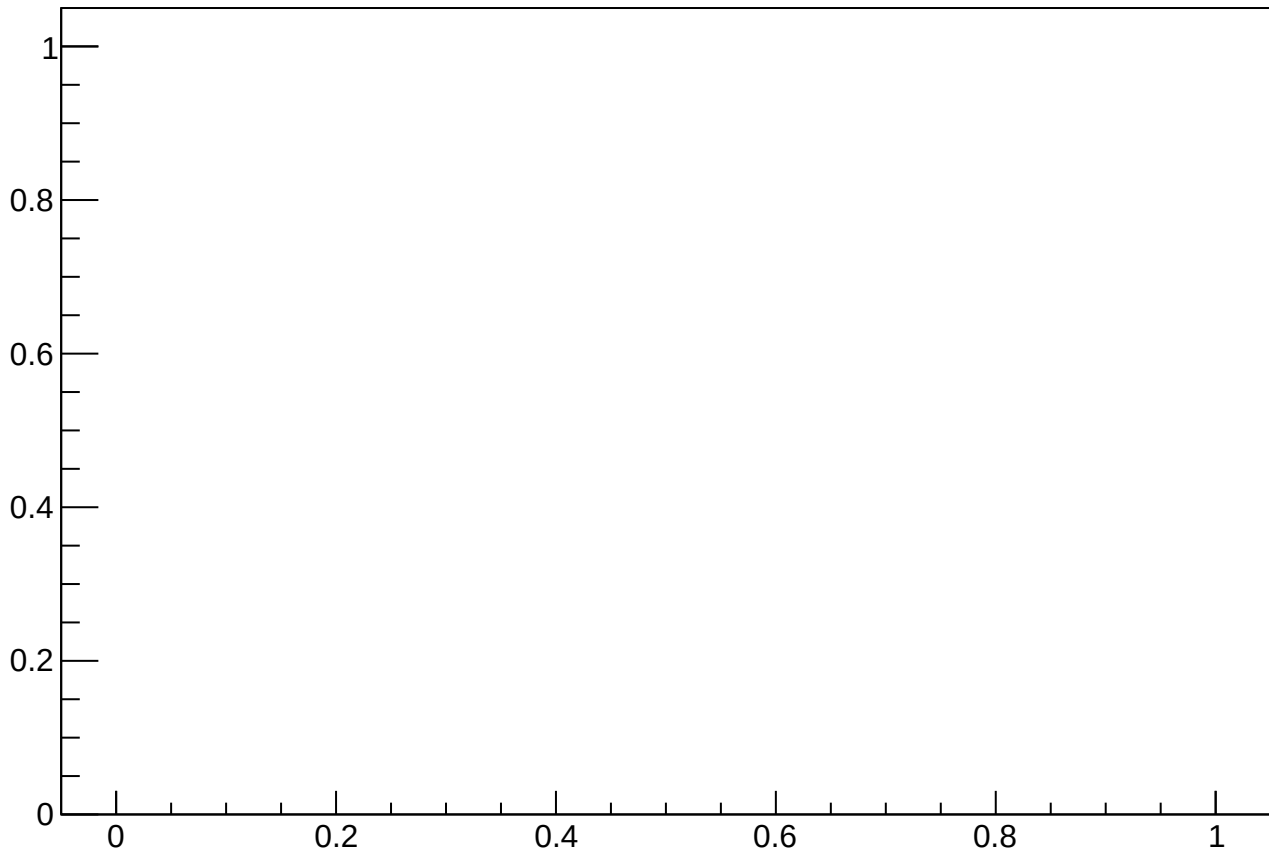
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

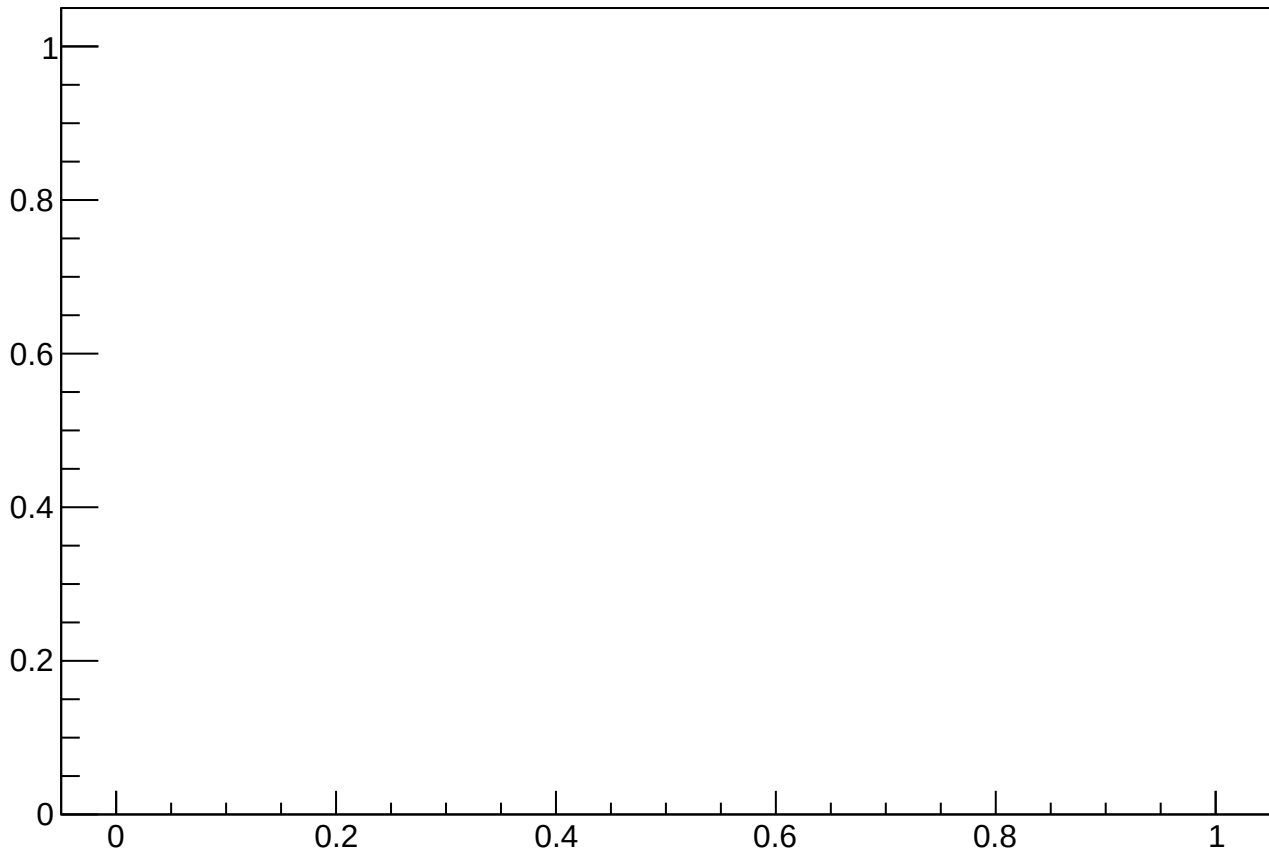
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

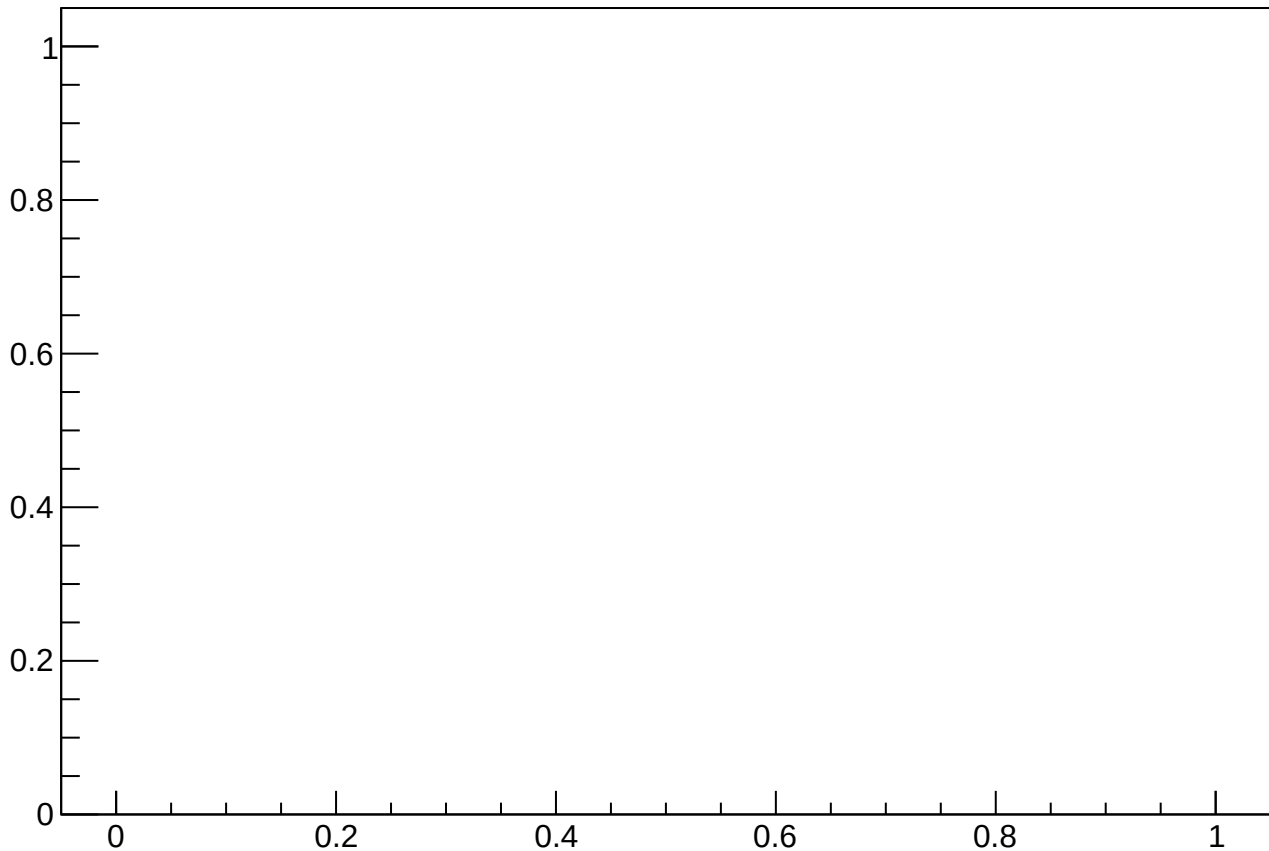
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

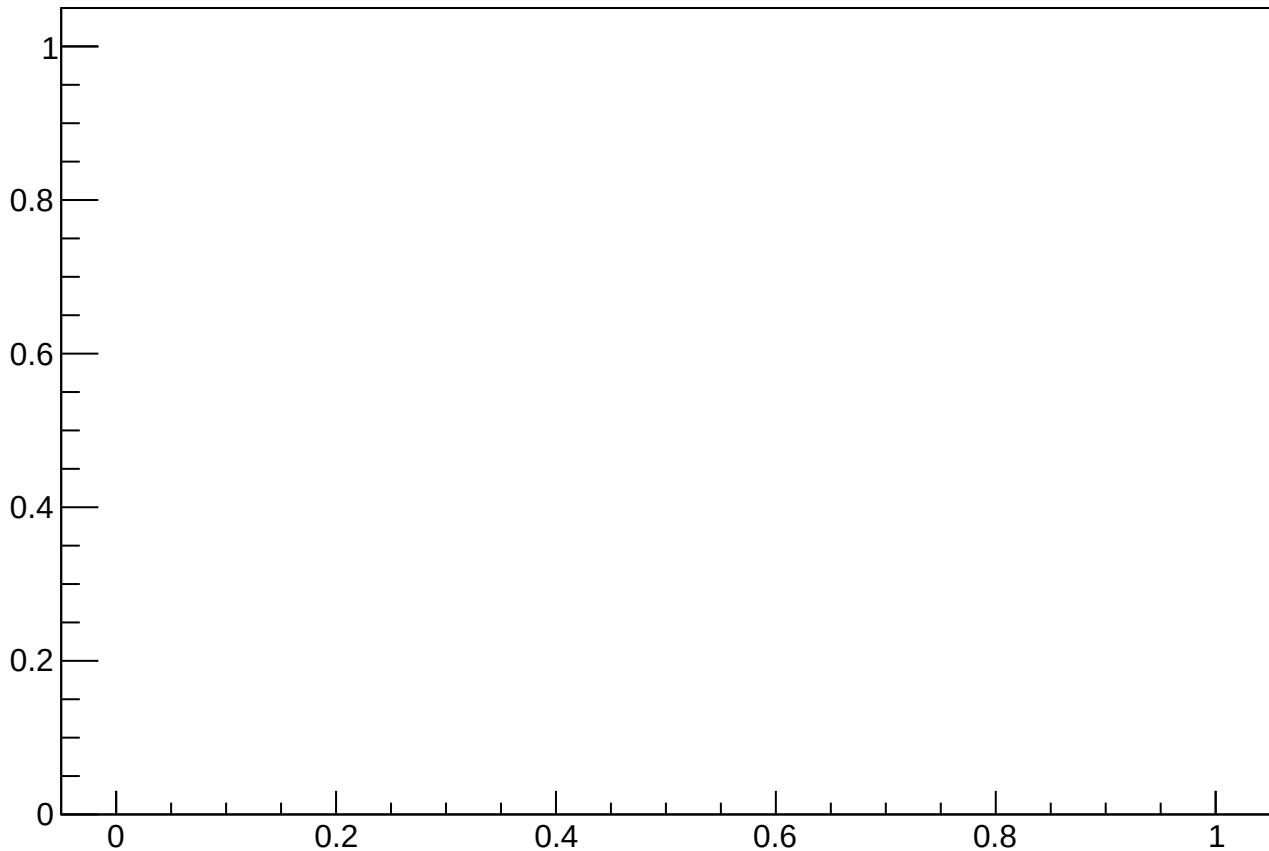
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

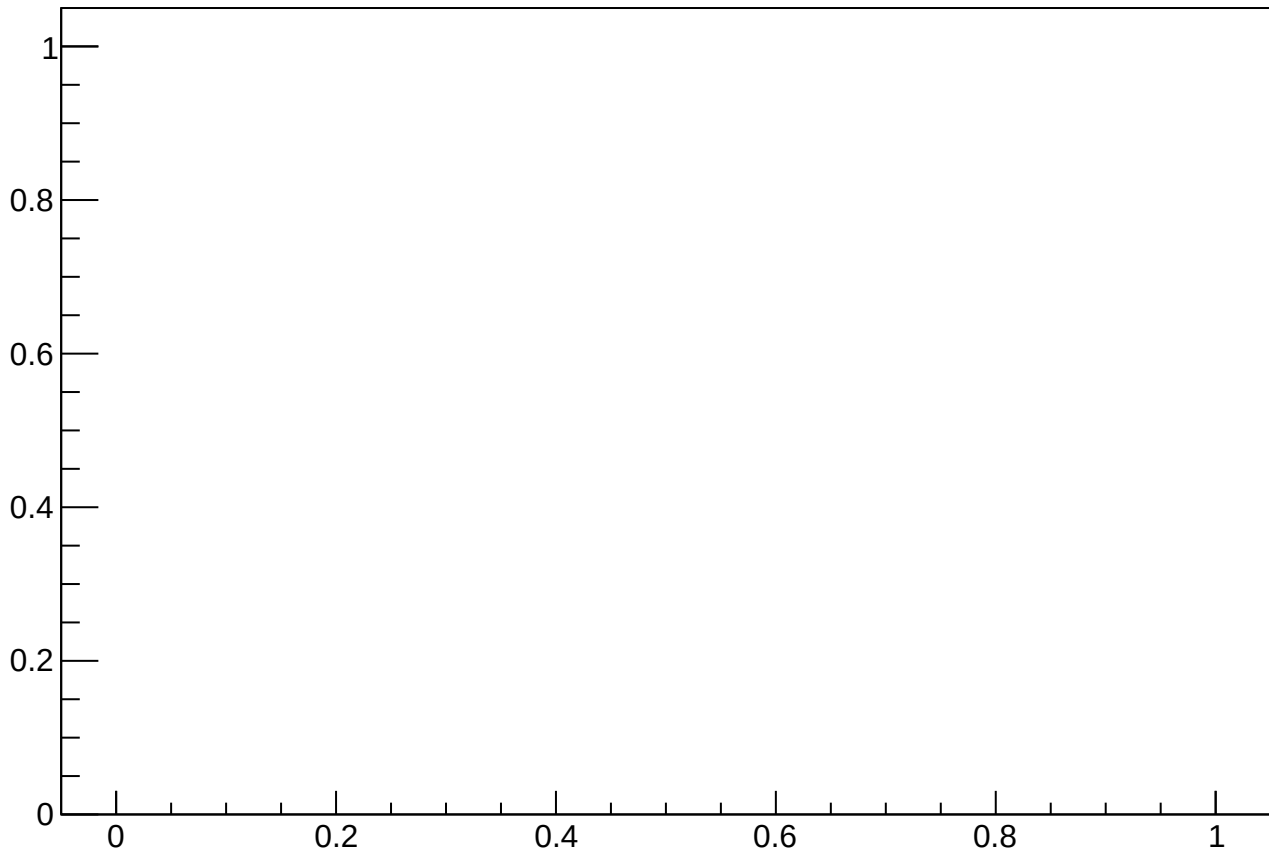
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

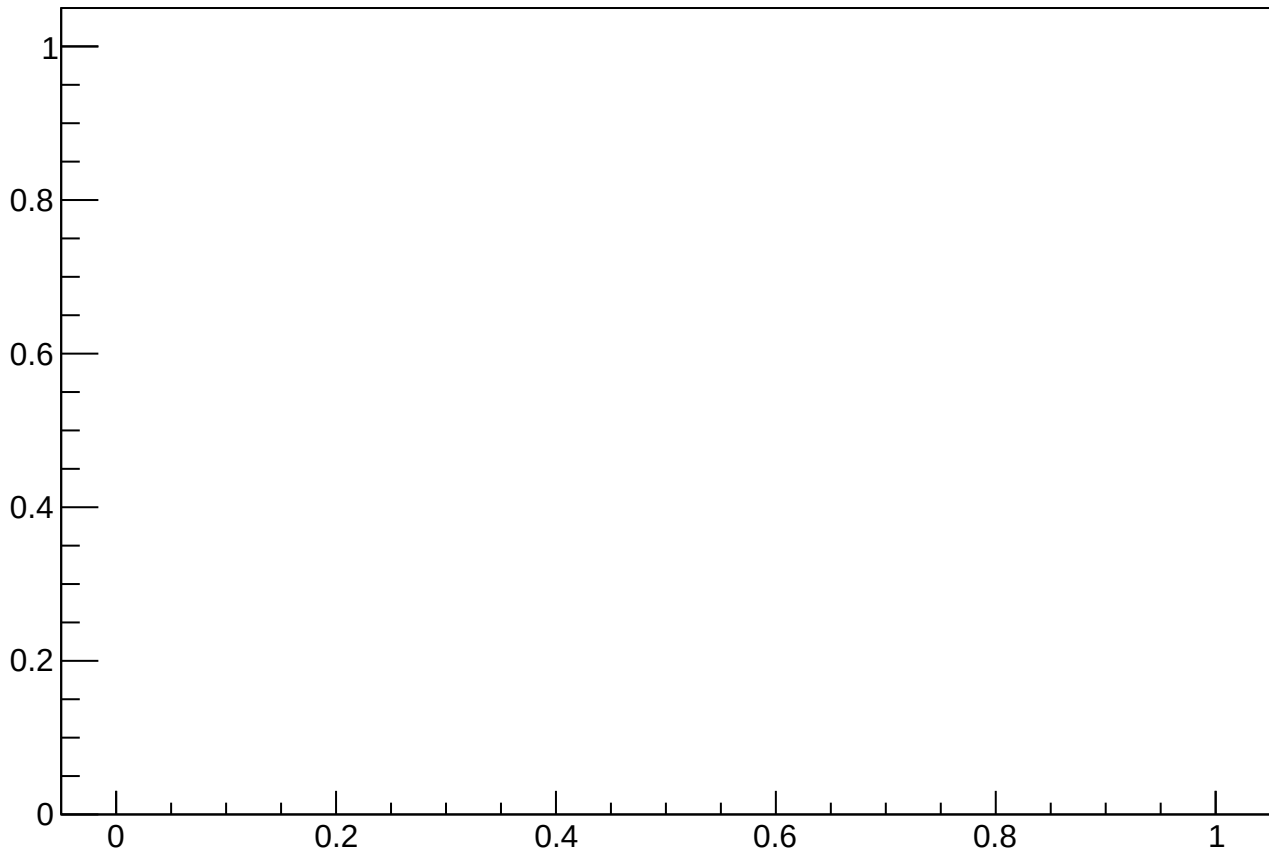
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

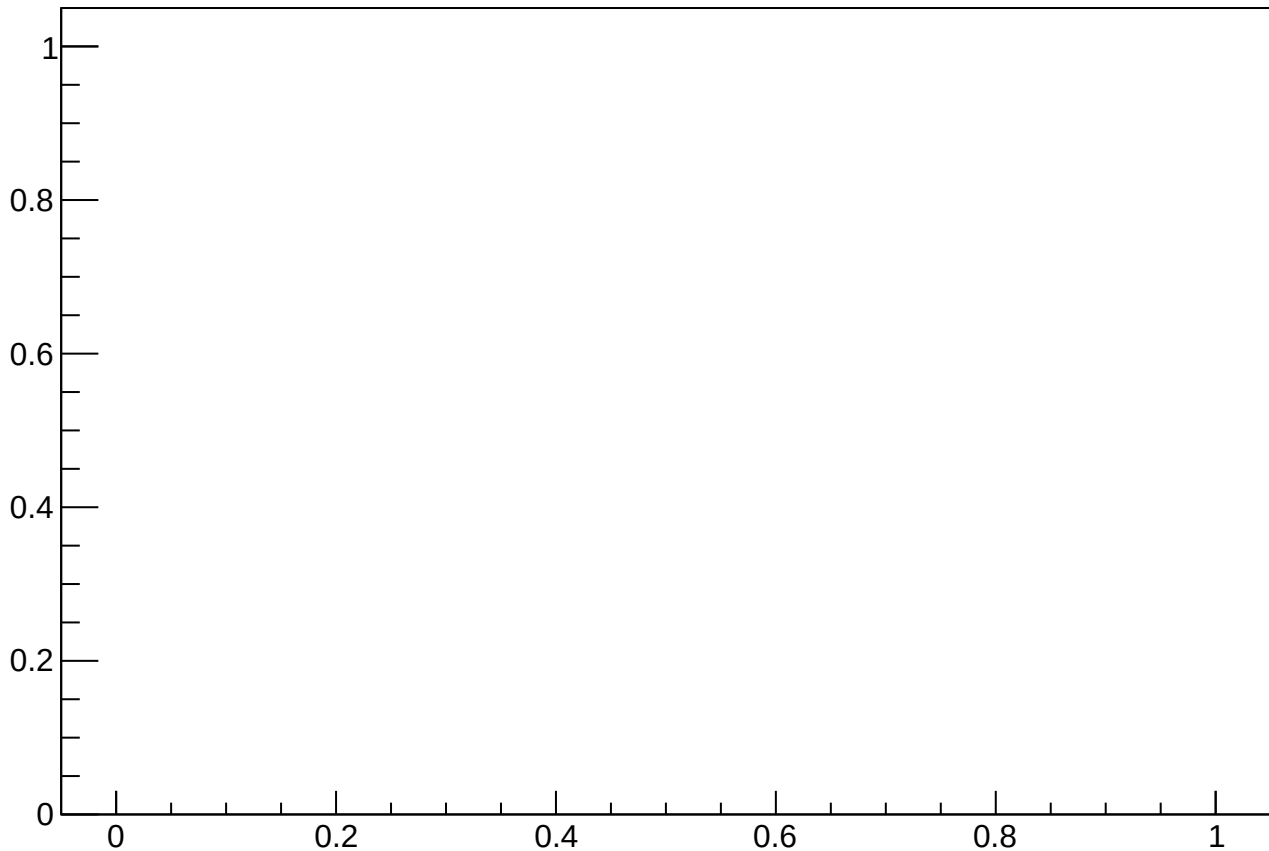
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

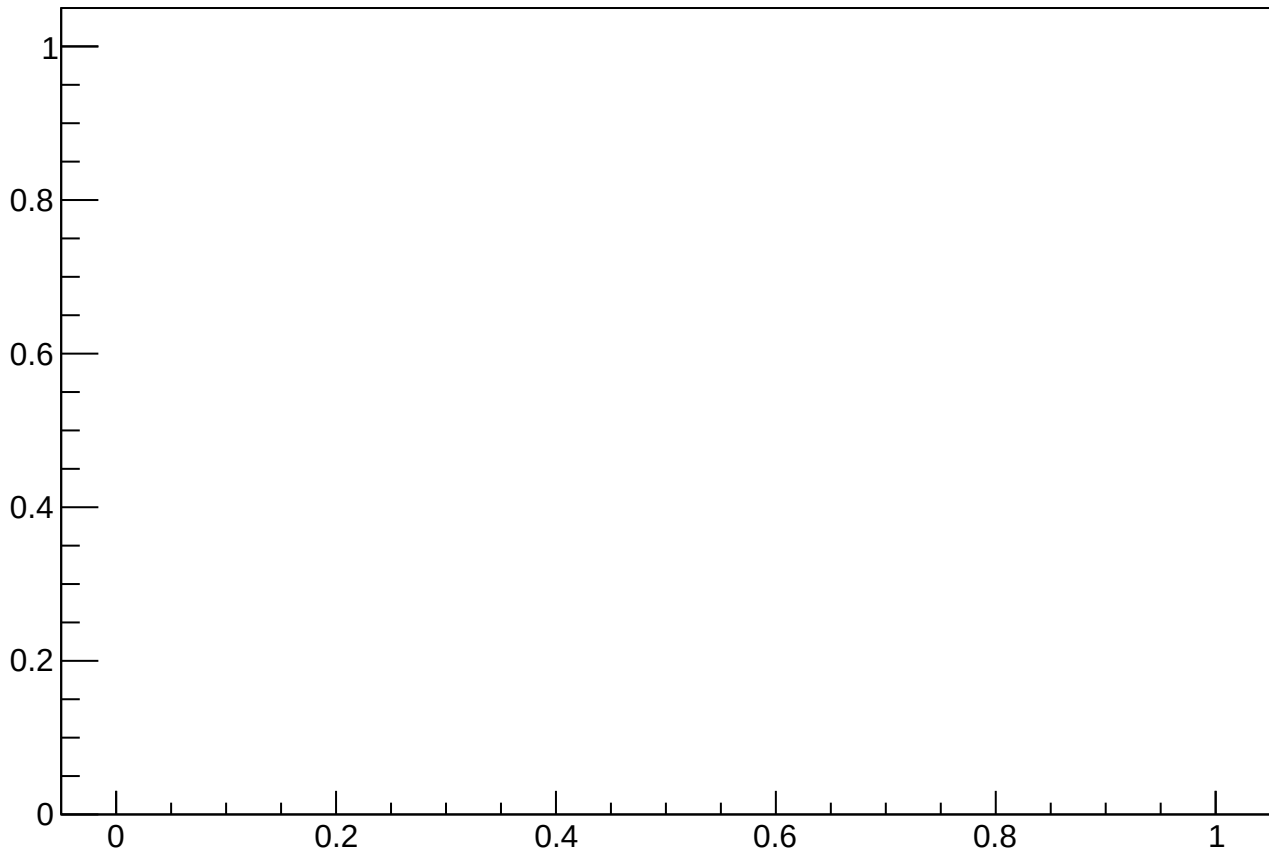
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

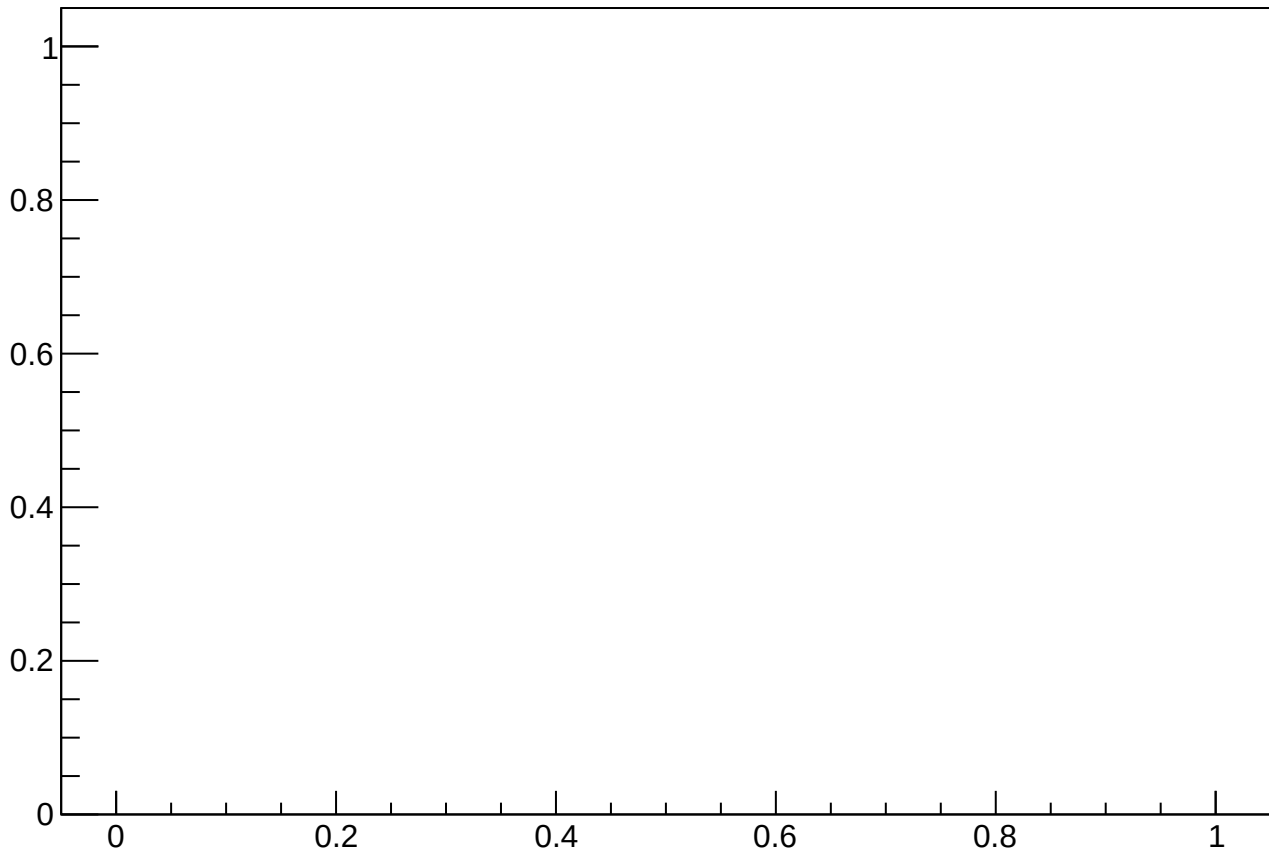
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

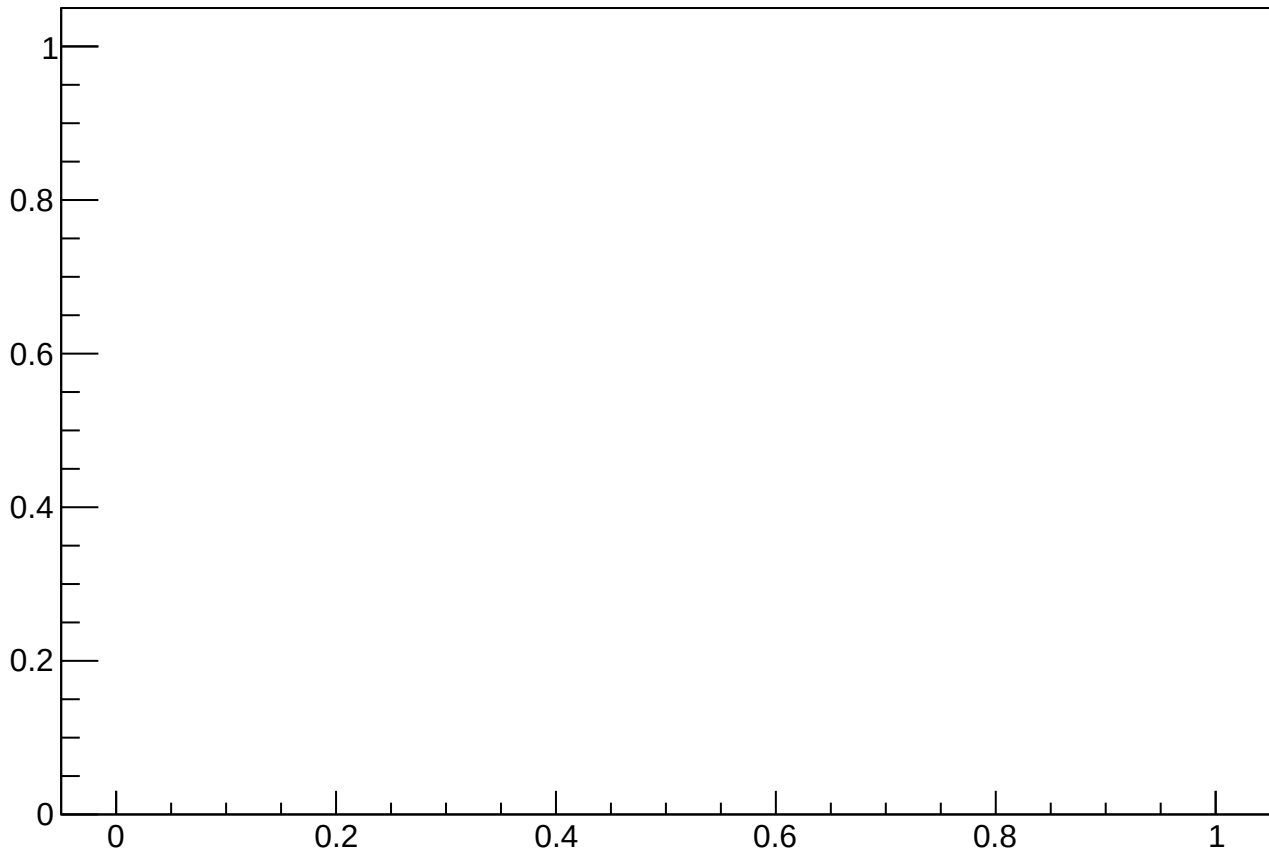
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

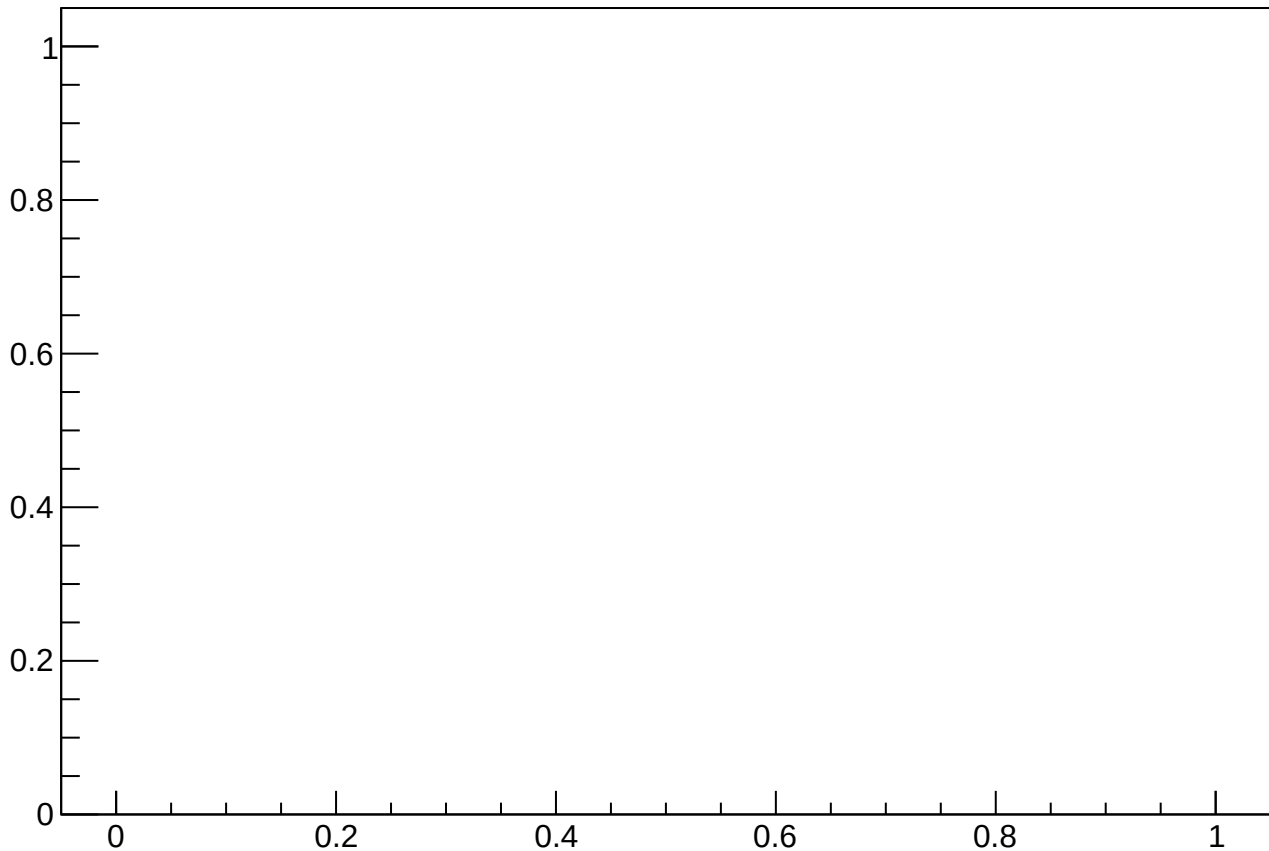
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

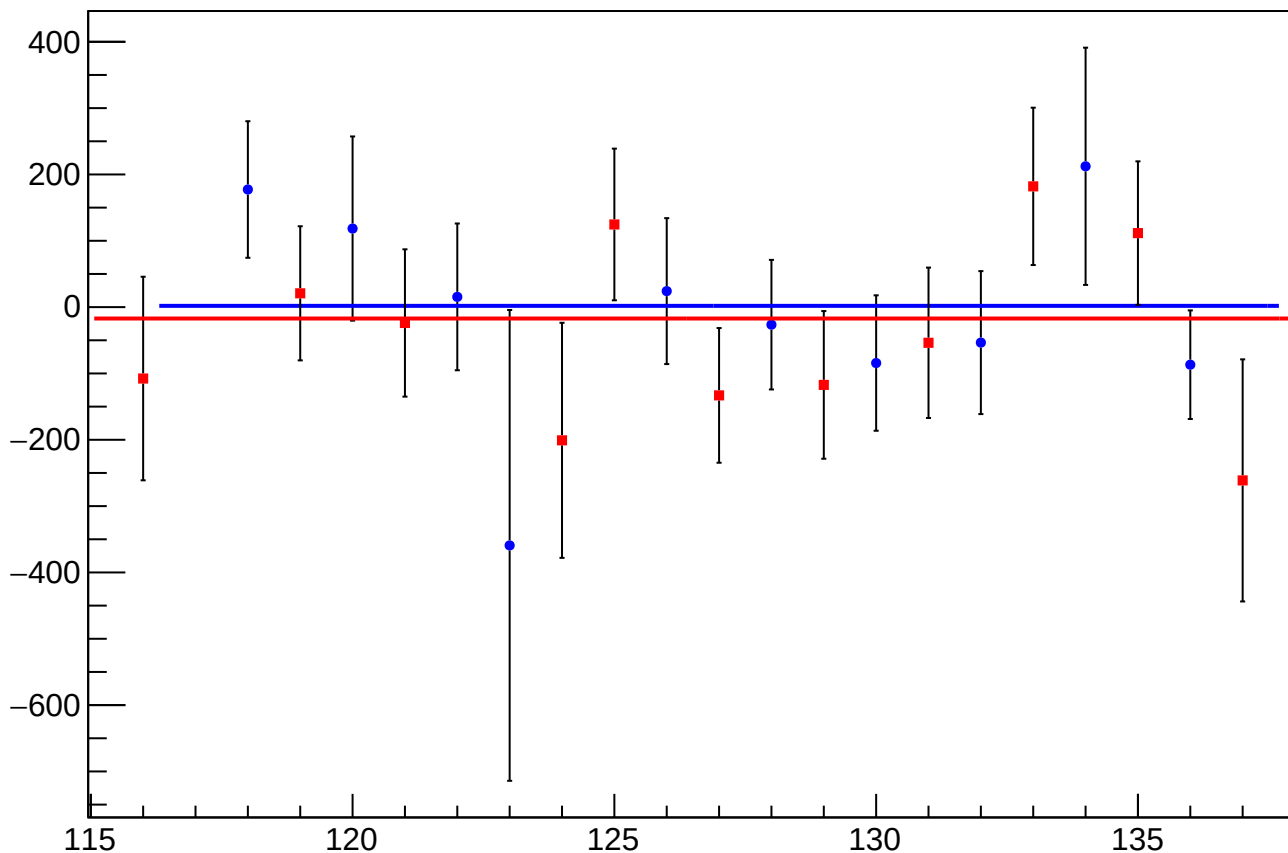
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 1.910+/-35.670 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.172+/-35.994 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

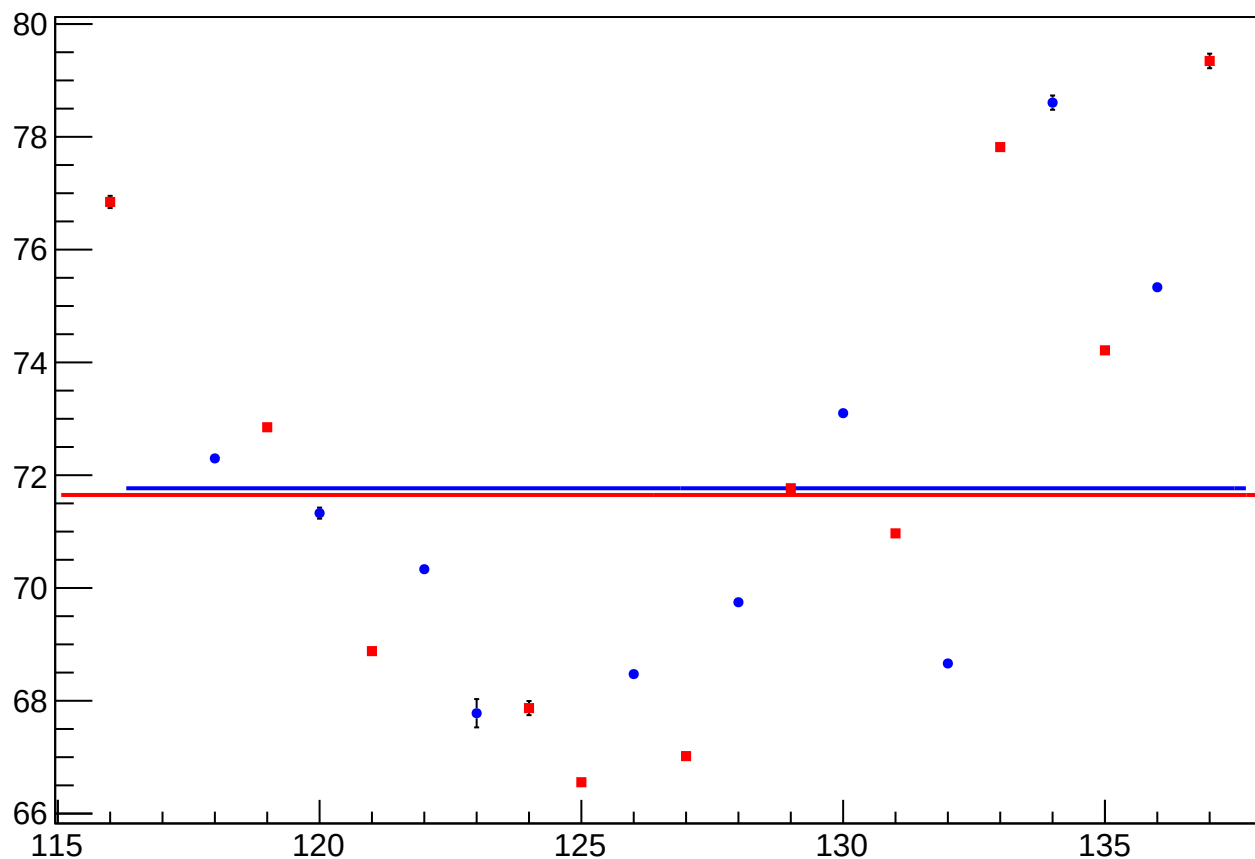
Right: -7.545+/-25.336 χ^2/NDF : 19.8/20

In: 1.910+/-35.670 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.545+/-25.336 χ^2/NDF : 19.8/20

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 71.768+/-0.025 χ^2/NDF : 12031.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.649+/-0.025 χ^2/NDF : 23023.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

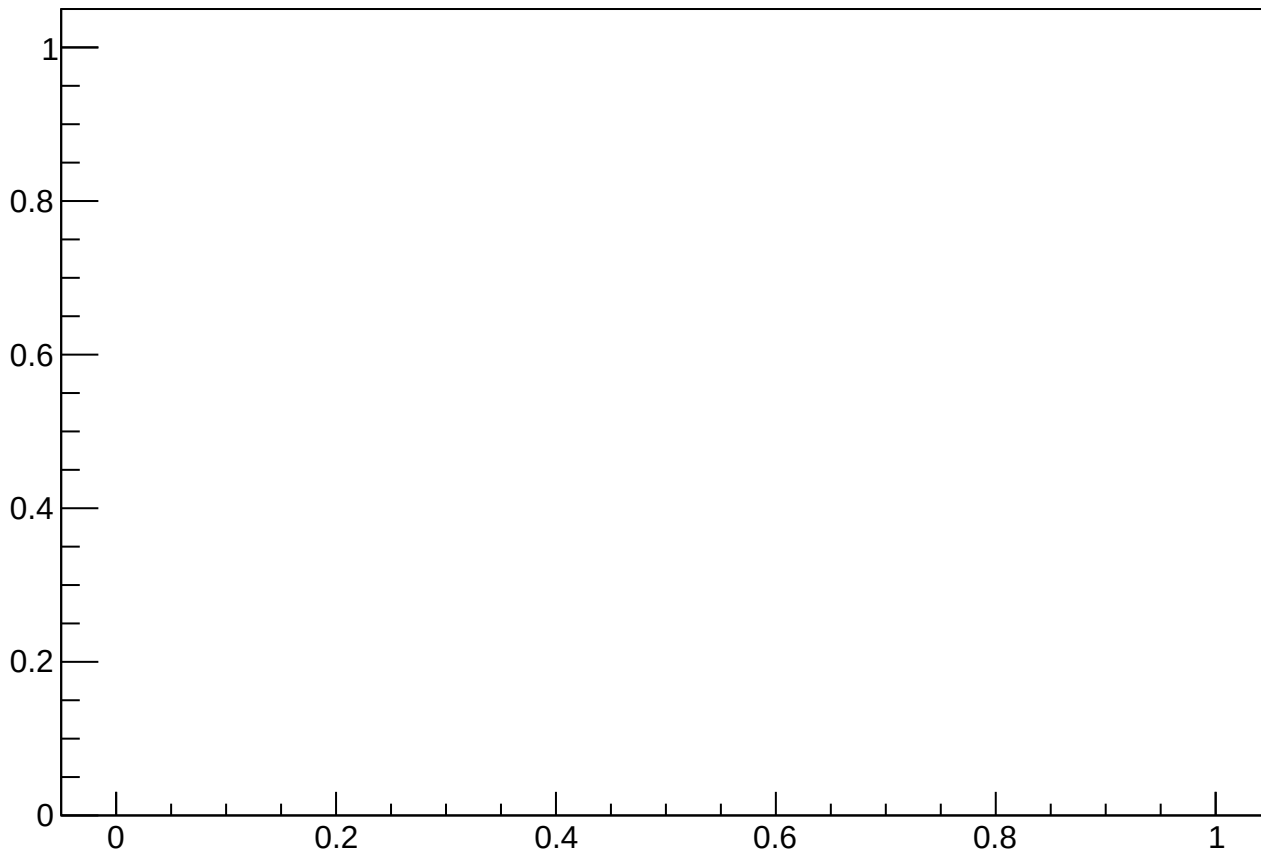
Right: 71.709+/-0.018 χ^2/NDF : 35066.0/20

In: 71.768+/-0.025 χ^2/NDF : 12031.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.709+/-0.018 χ^2/NDF : 35066.0/20

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

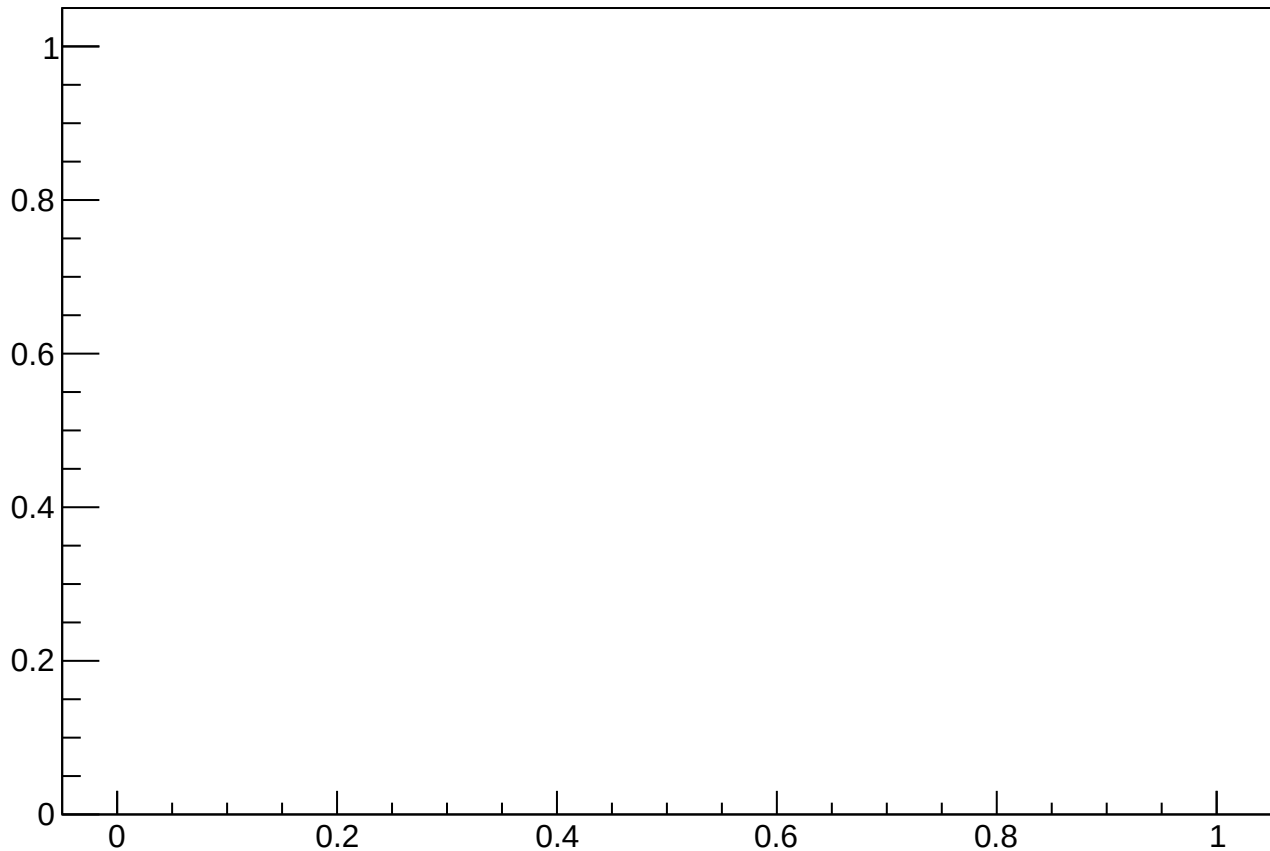
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

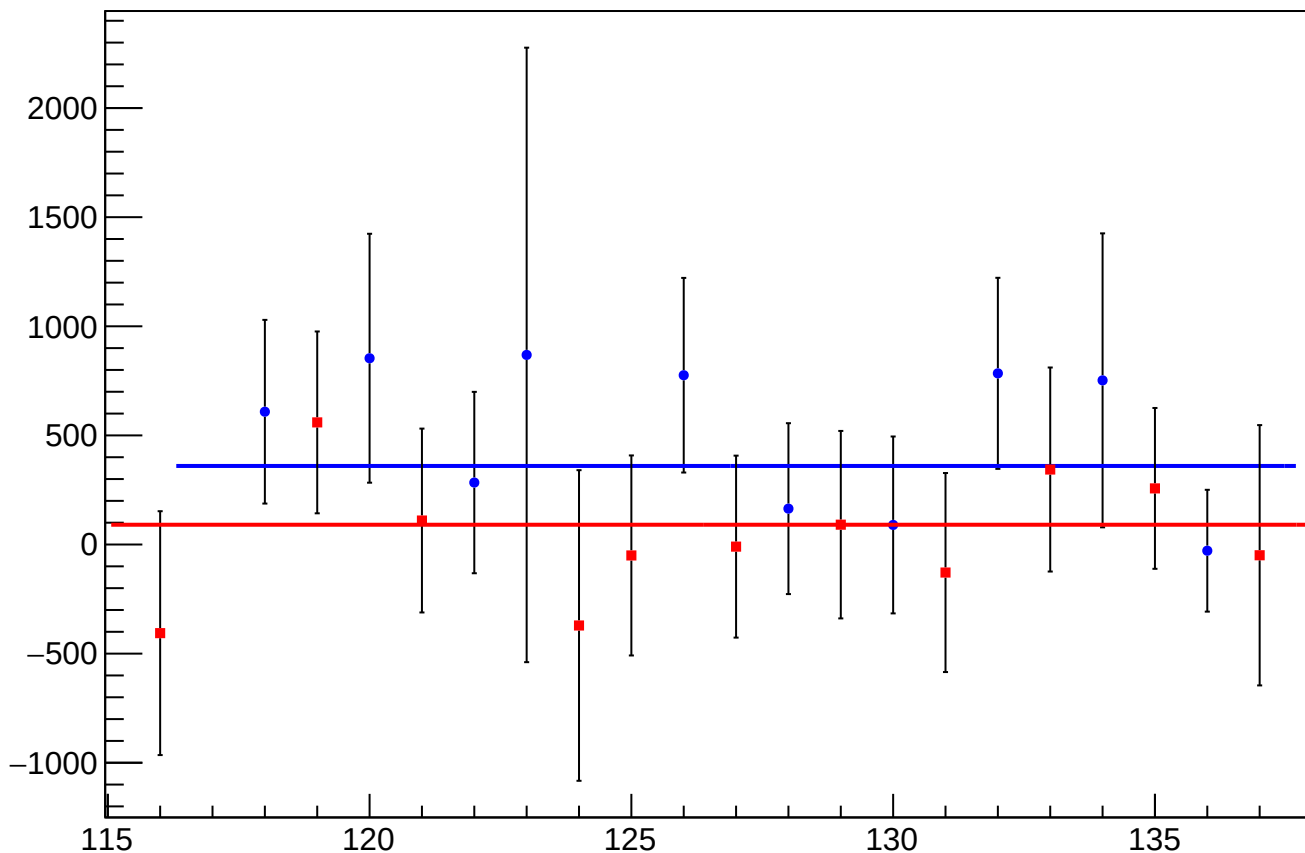
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 360.009+/-137.477 χ^2/NDF : 6.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.638+/-138.589 χ^2/NDF : 3.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

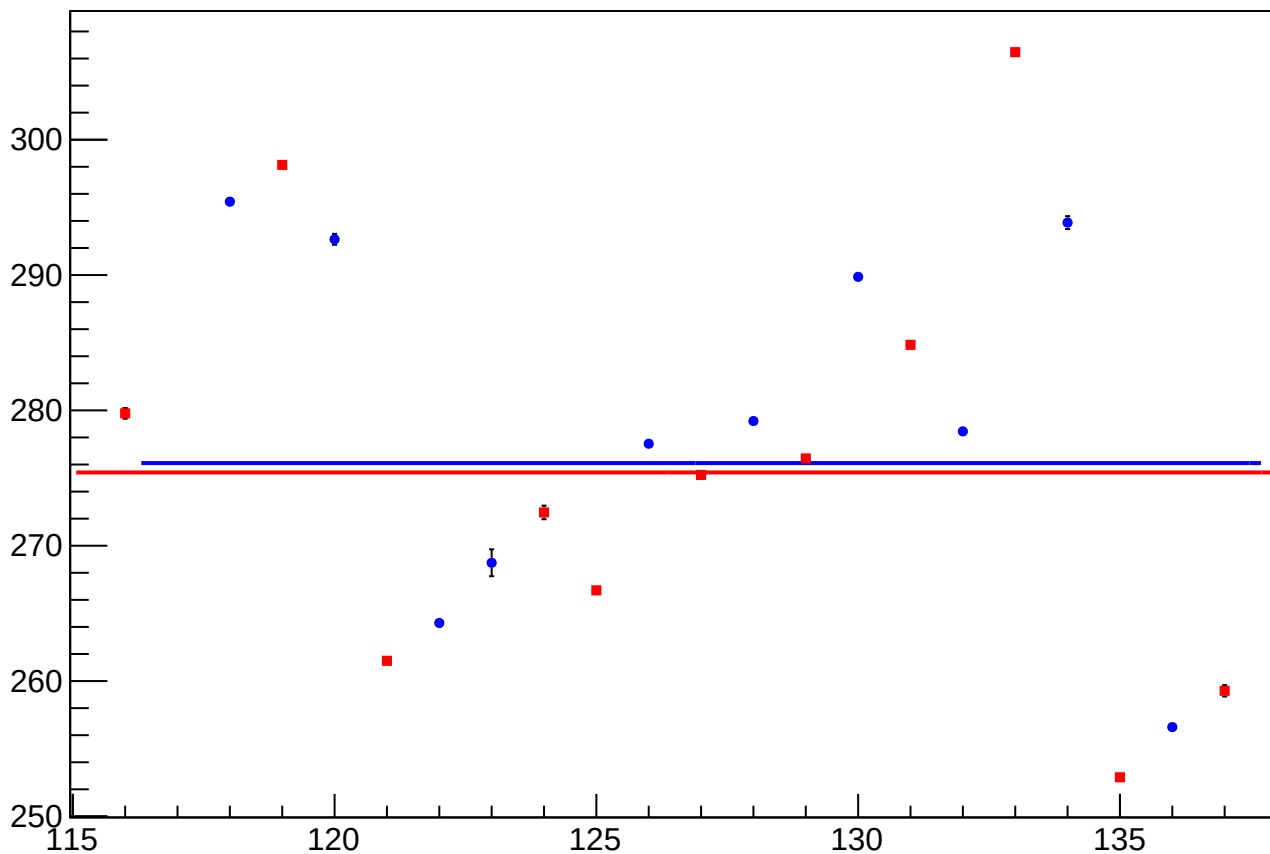
Right: 226.408+/-97.601 χ^2/NDF : 11.4/20

In: 360.009+/-137.477 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.408+/-97.601 χ^2/NDF : 11.4/20

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 276.107+/-0.097 χ^2/NDF : 21234.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.414+/-0.098 χ^2/NDF : 27638.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

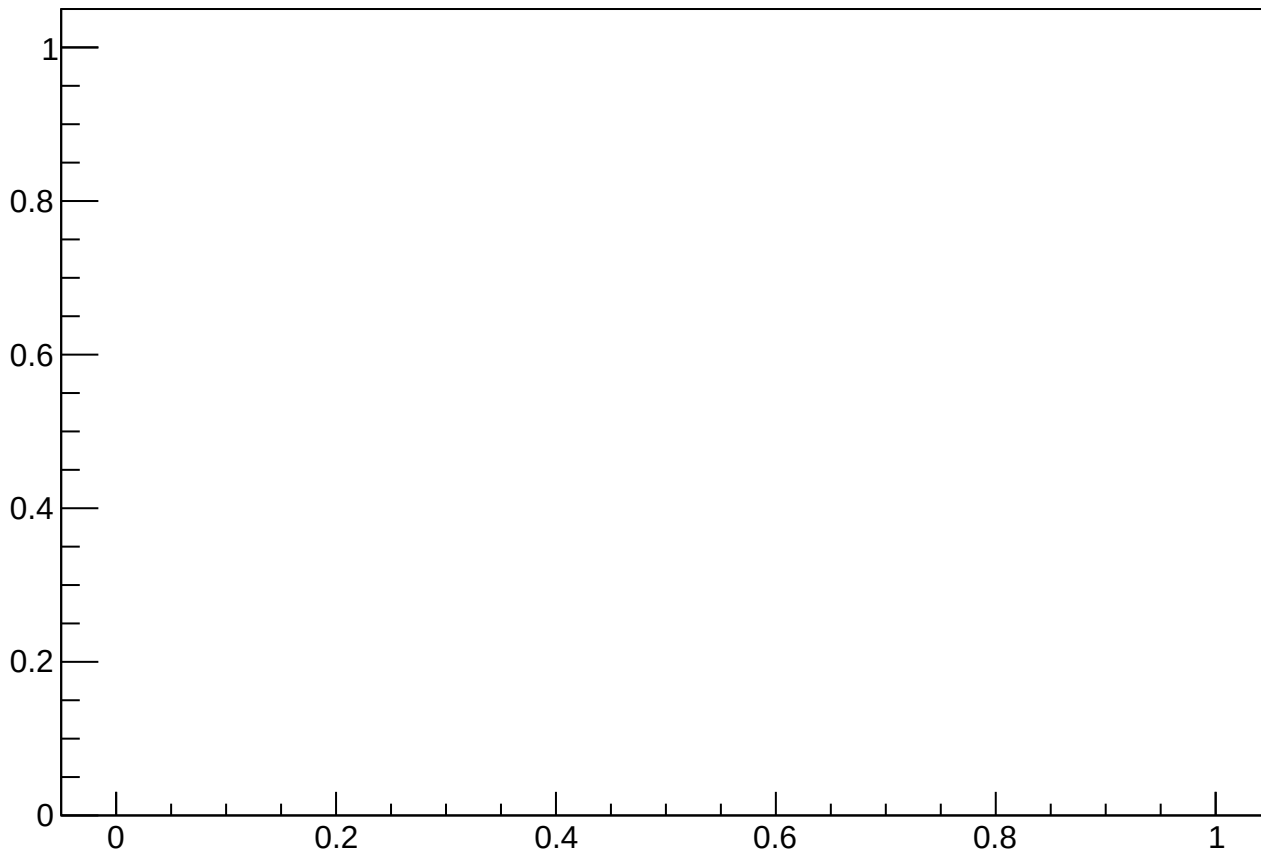
Right: 275.763+/-0.069 χ^2/NDF : 48898.4/20

In: 276.107+/-0.097 χ^2/NDF : 21234.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.763+/-0.069 χ^2/NDF : 48898.4/20

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

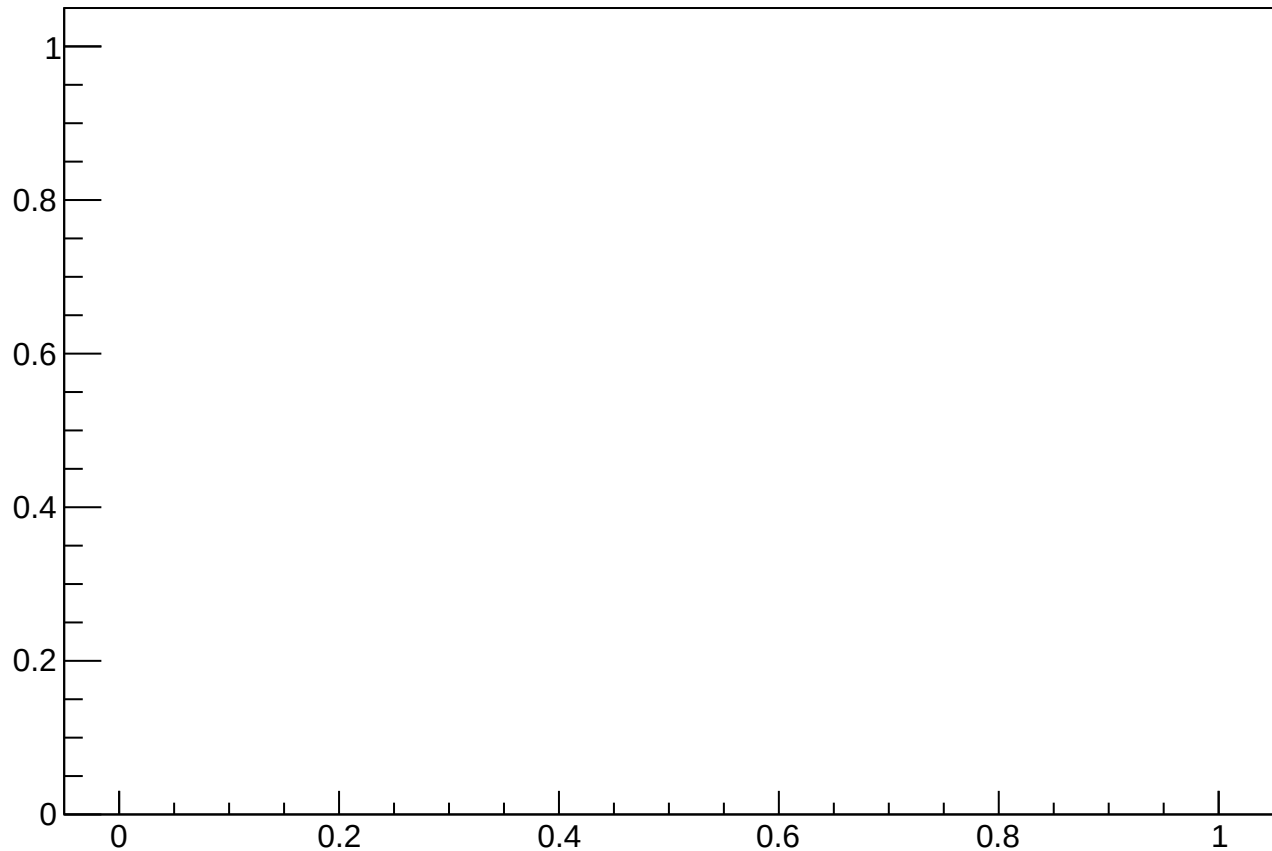
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

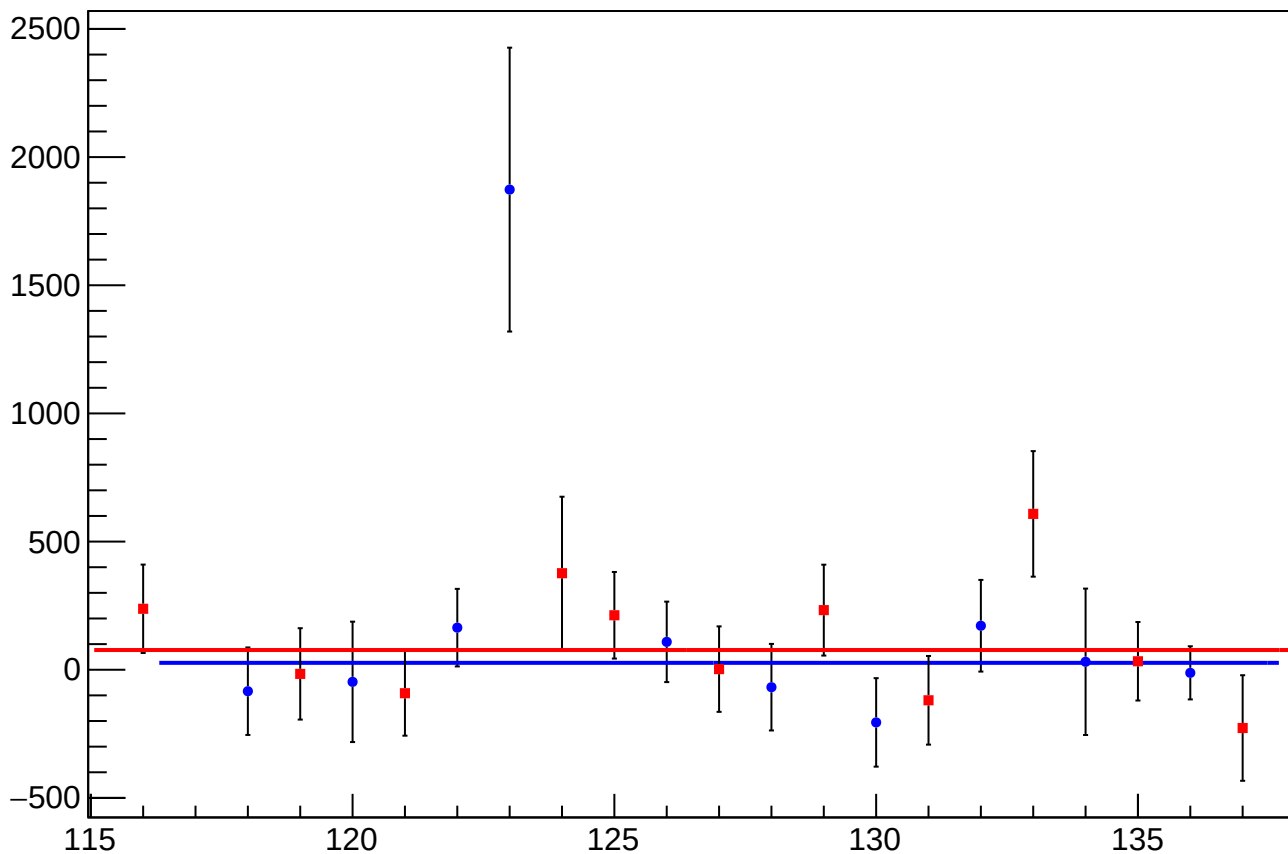
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 26.966+/-53.817 χ^2/NDF : 15.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.926+/-54.884 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

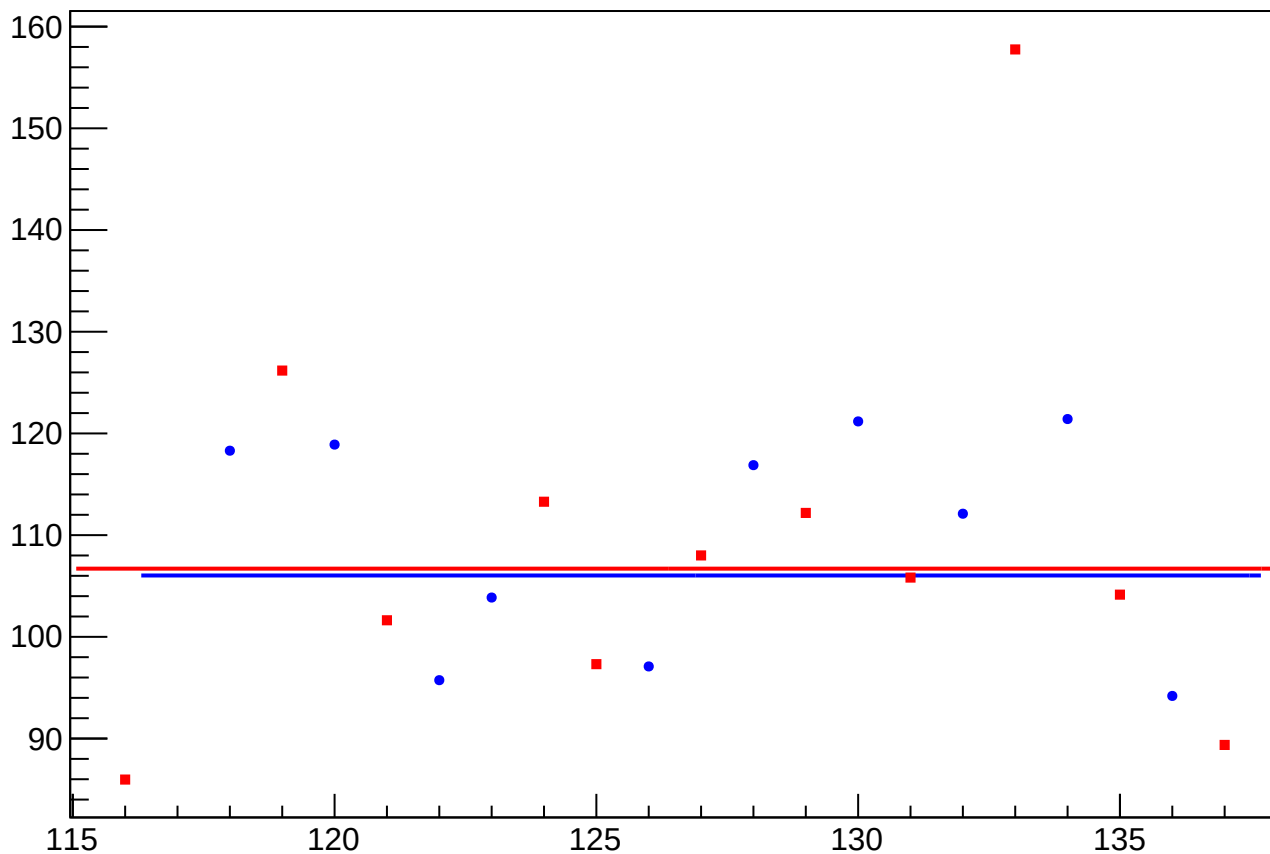
Right: 51.456+/-38.426 χ^2/NDF : 29.1/20

In: 26.966+/-53.817 χ^2/NDF : 15.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.456+/-38.426 χ^2/NDF : 29.1/20

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 106.033+/-0.038 χ^2/NDF : 90006.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.706+/-0.039 χ^2/NDF : 165573.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

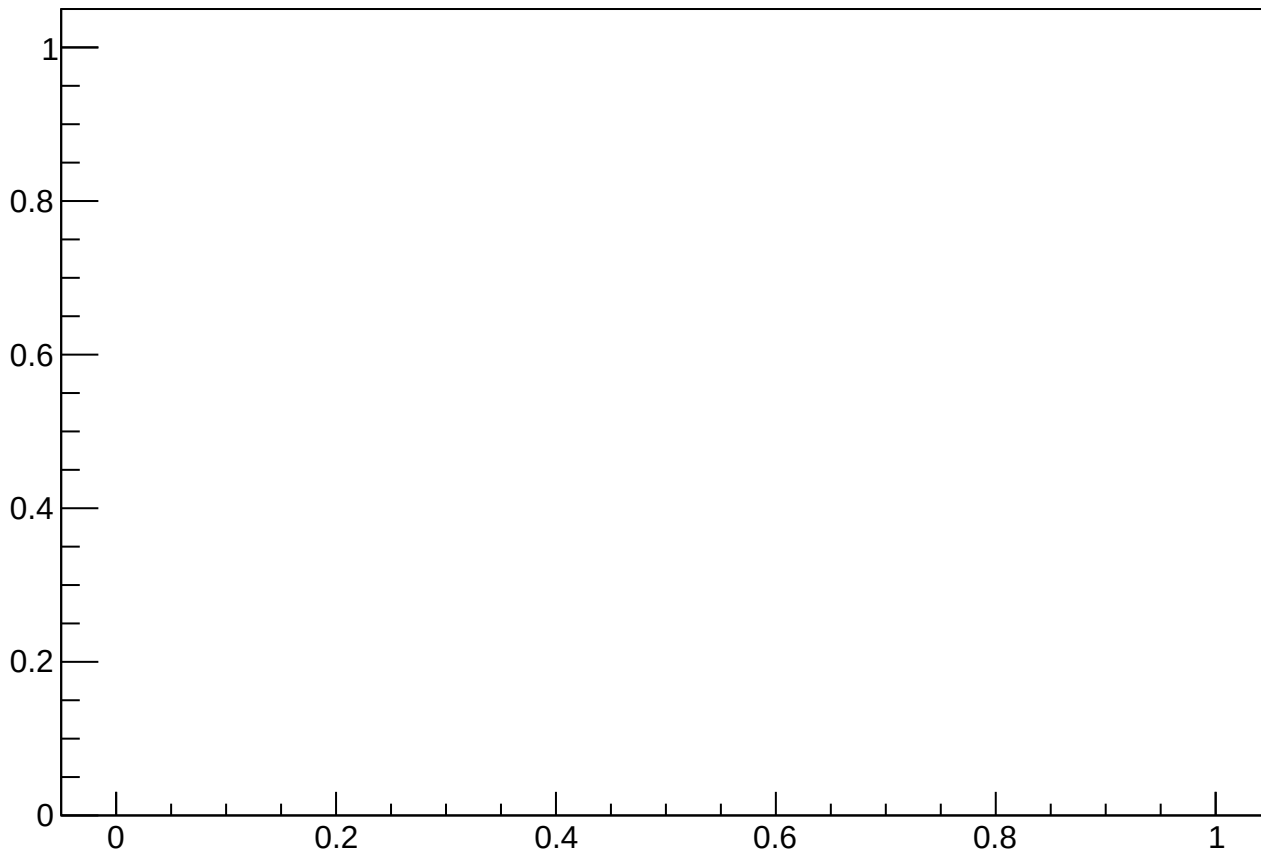
Right: 106.363+/-0.027 χ^2/NDF : 255733.0/20

In: 106.033+/-0.038 χ^2/NDF : 90006.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.363+/-0.027 χ^2/NDF : 255733.0/20

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

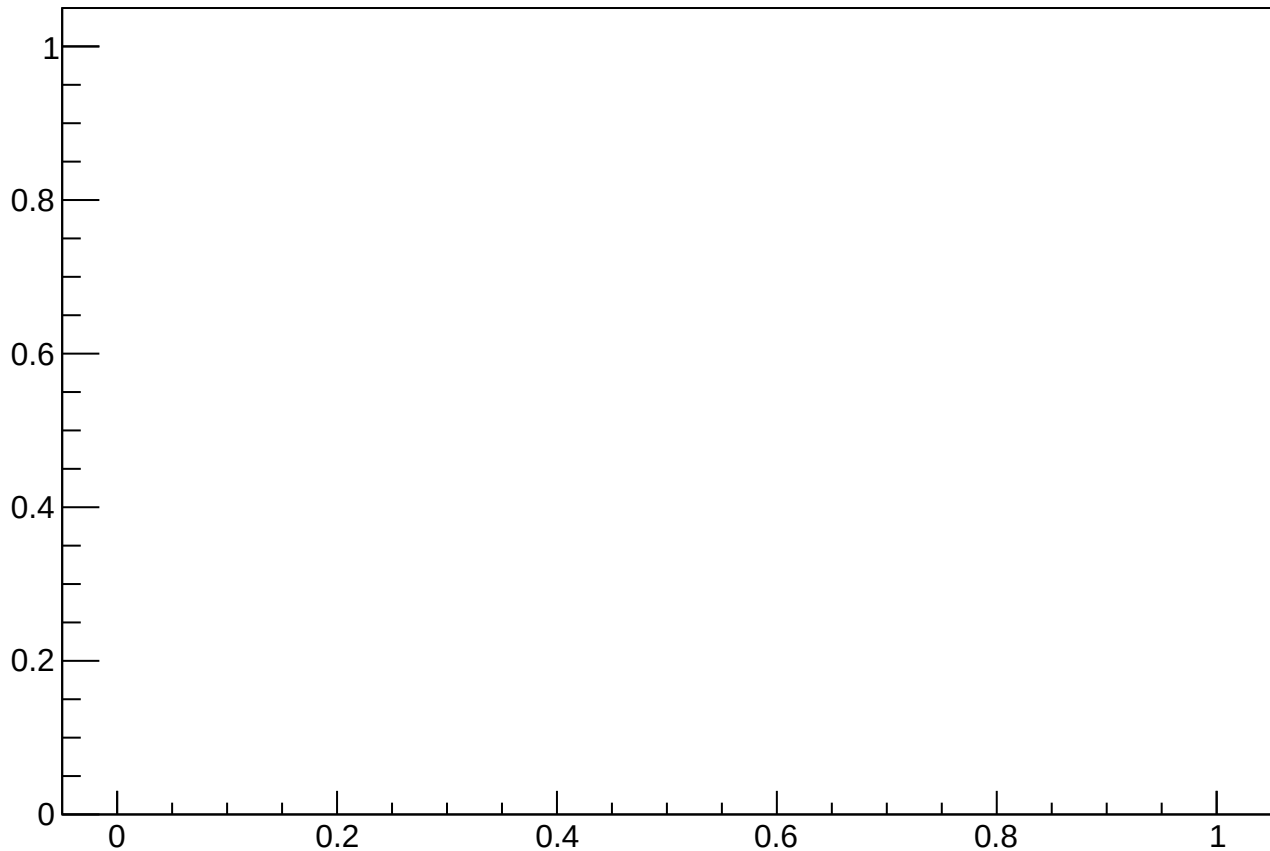
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

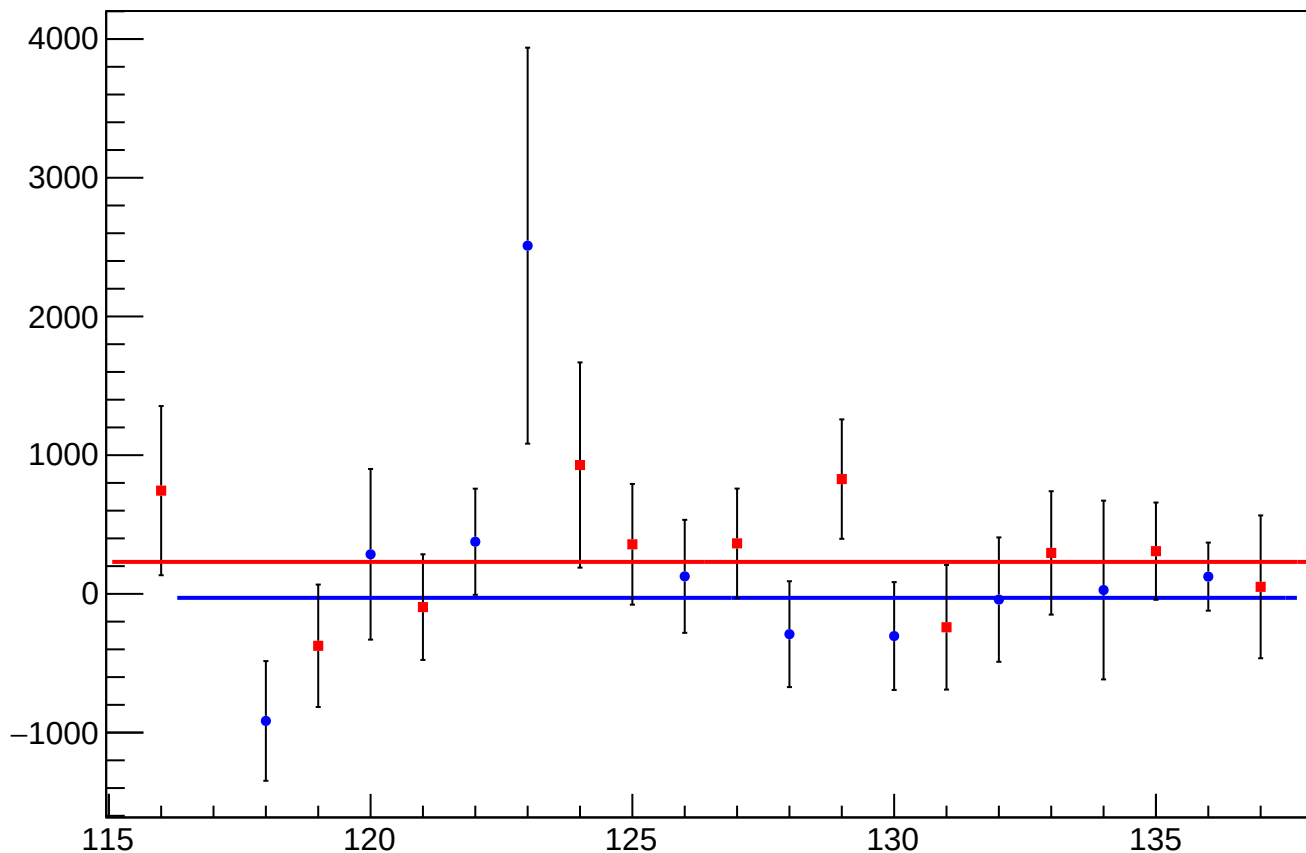
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -28.621 ± 130.381 χ^2/NDF : 10.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 230.531 ± 134.171 χ^2/NDF : 7.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

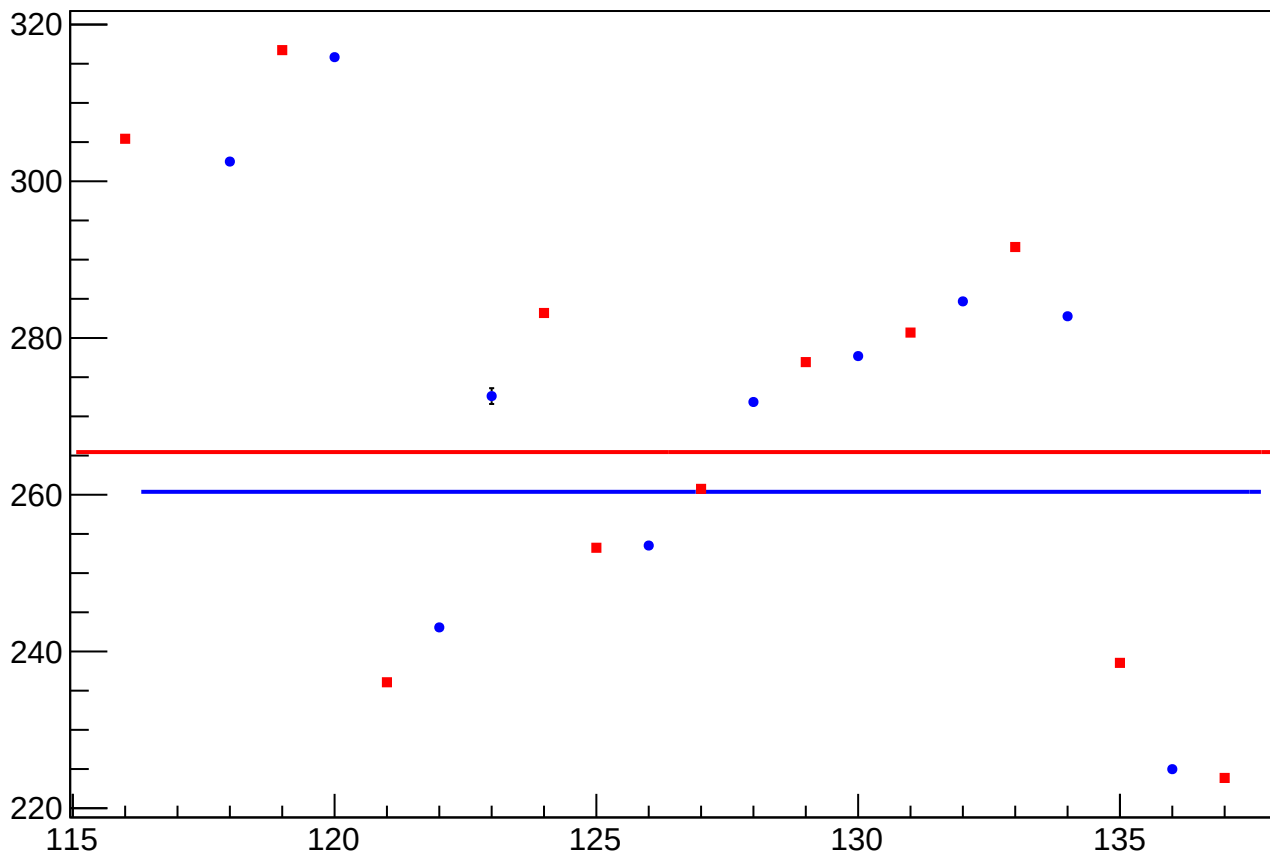
Right: 97.243 ± 93.504 χ^2/NDF : 19.8/20

In: -28.621 ± 130.381 χ^2/NDF : 10.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 97.243 ± 93.504 χ^2/NDF : 19.8/20

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 260.374+/-0.092 χ^2/NDF : 95781.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.445+/-0.095 χ^2/NDF : 85986.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

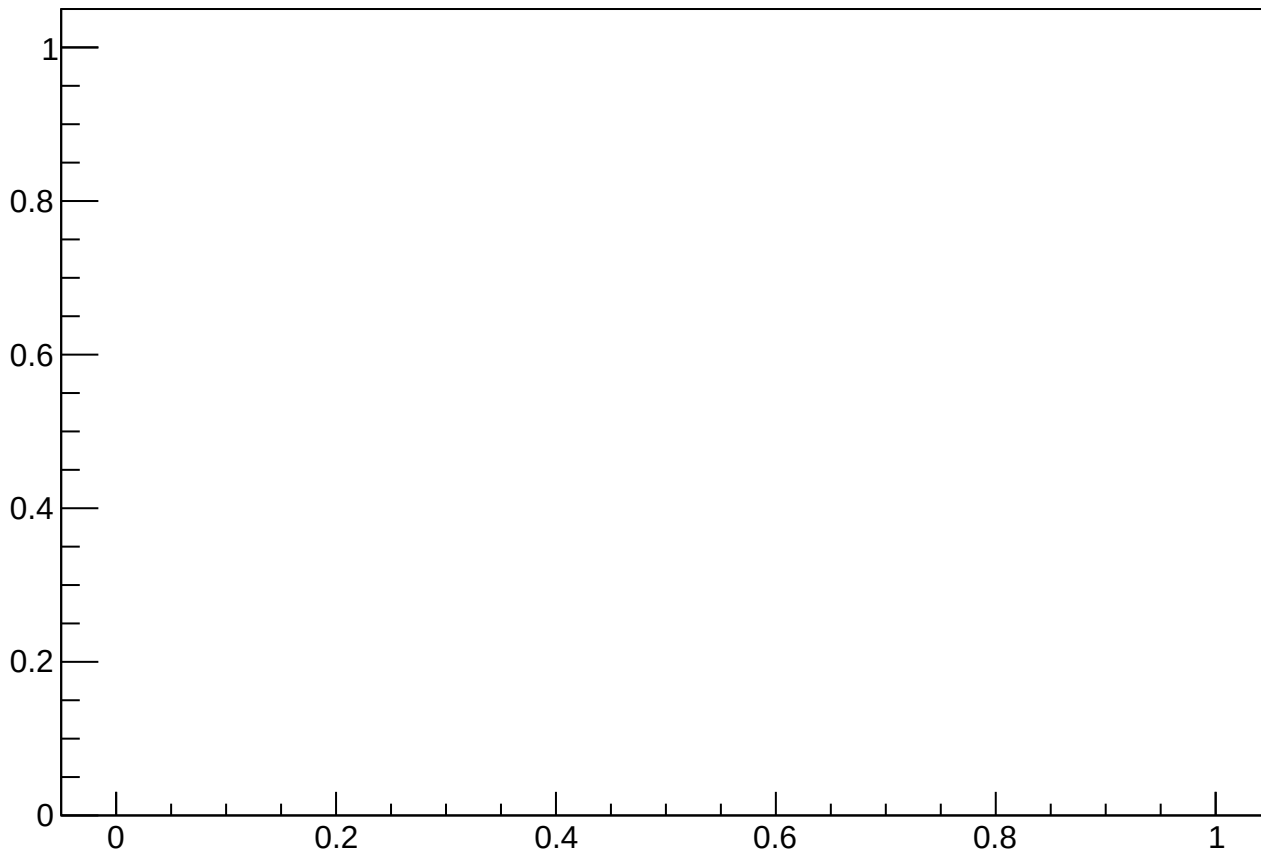
Right: 262.837+/-0.066 χ^2/NDF : 183238.4/20

In: 260.374+/-0.092 χ^2/NDF : 95781.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.837+/-0.066 χ^2/NDF : 183238.4/20

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

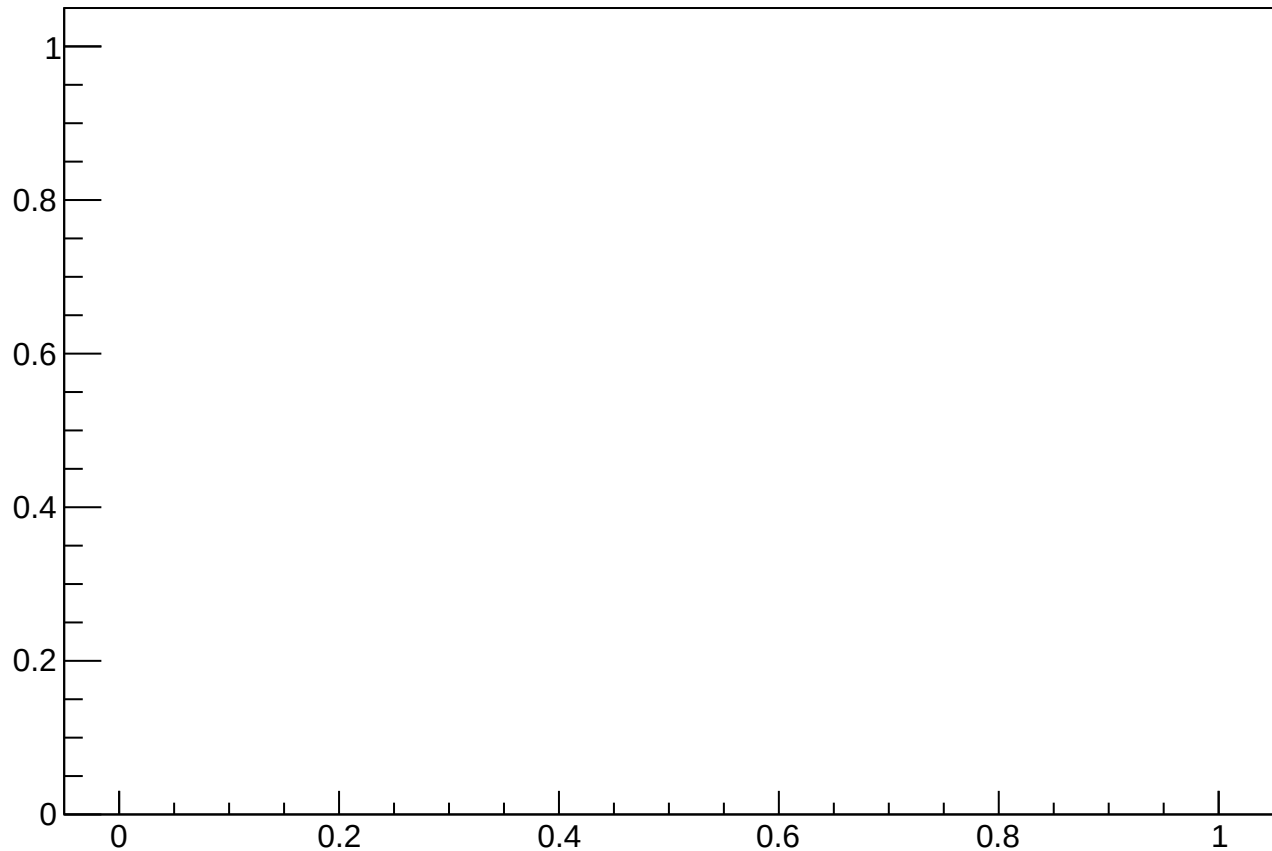
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

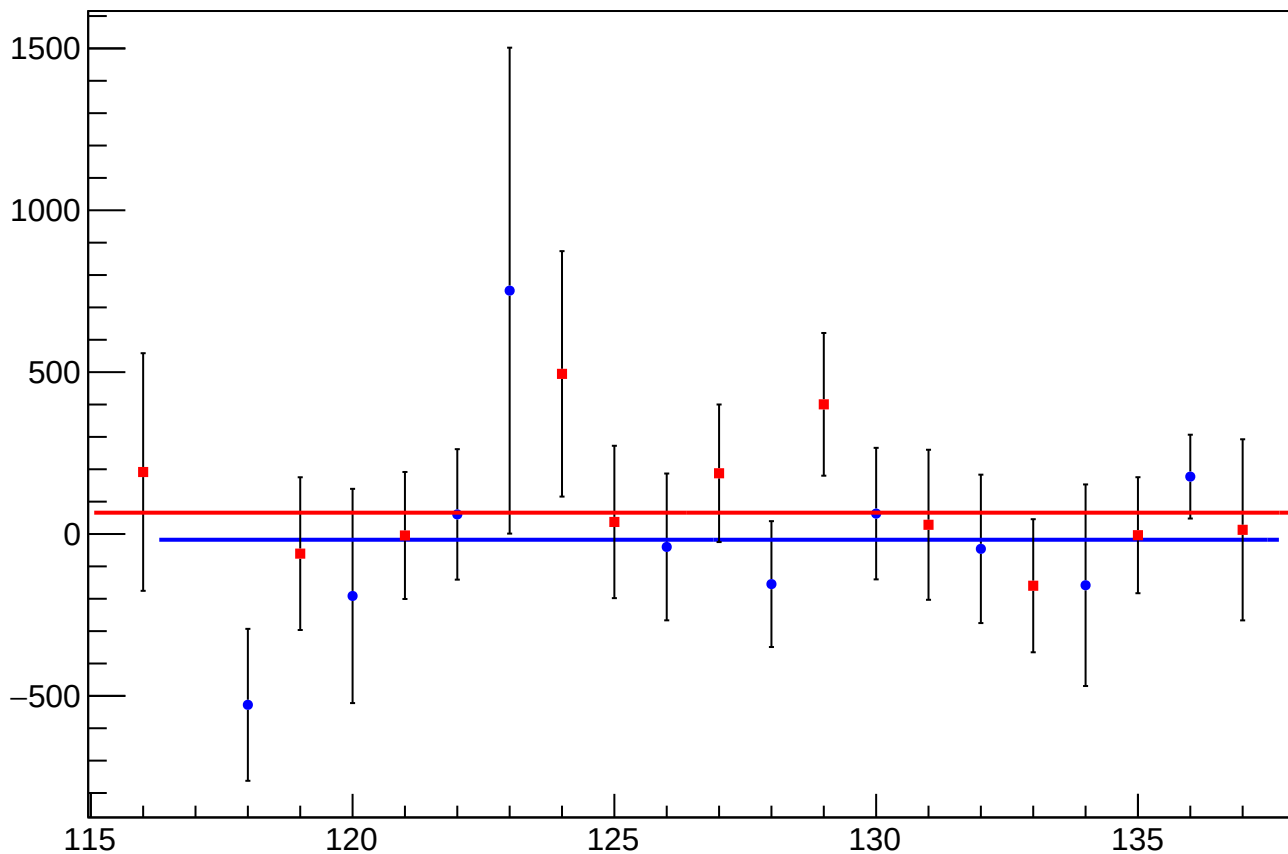
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.712+/-68.543 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.901+/-69.785 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

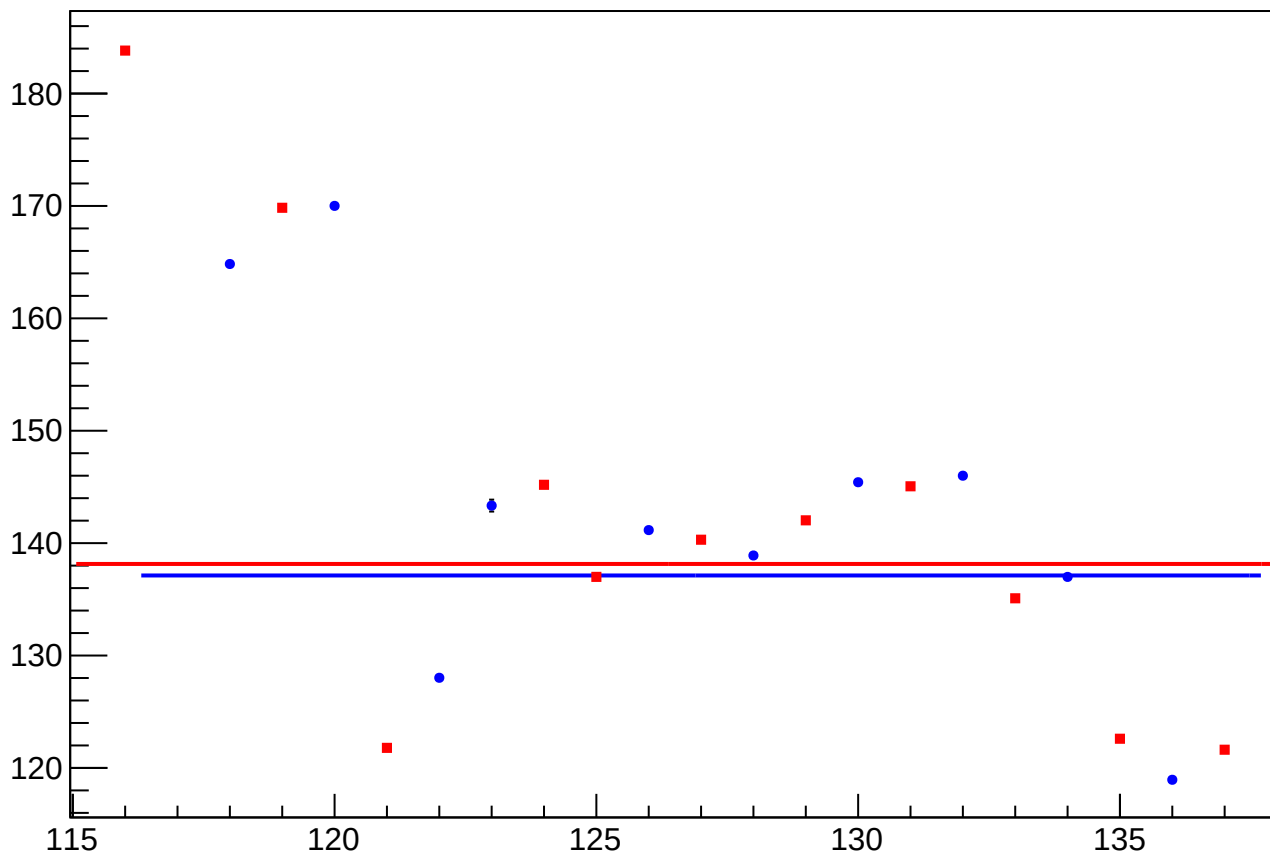
Right: 23.344+/-48.900 χ^2/NDF : 16.0/20

In: -17.712+/-68.543 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.344+/-48.900 χ^2/NDF : 16.0/20

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 137.123+/-0.048 χ^2/NDF : 98426.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.148+/-0.049 χ^2/NDF : 106805.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

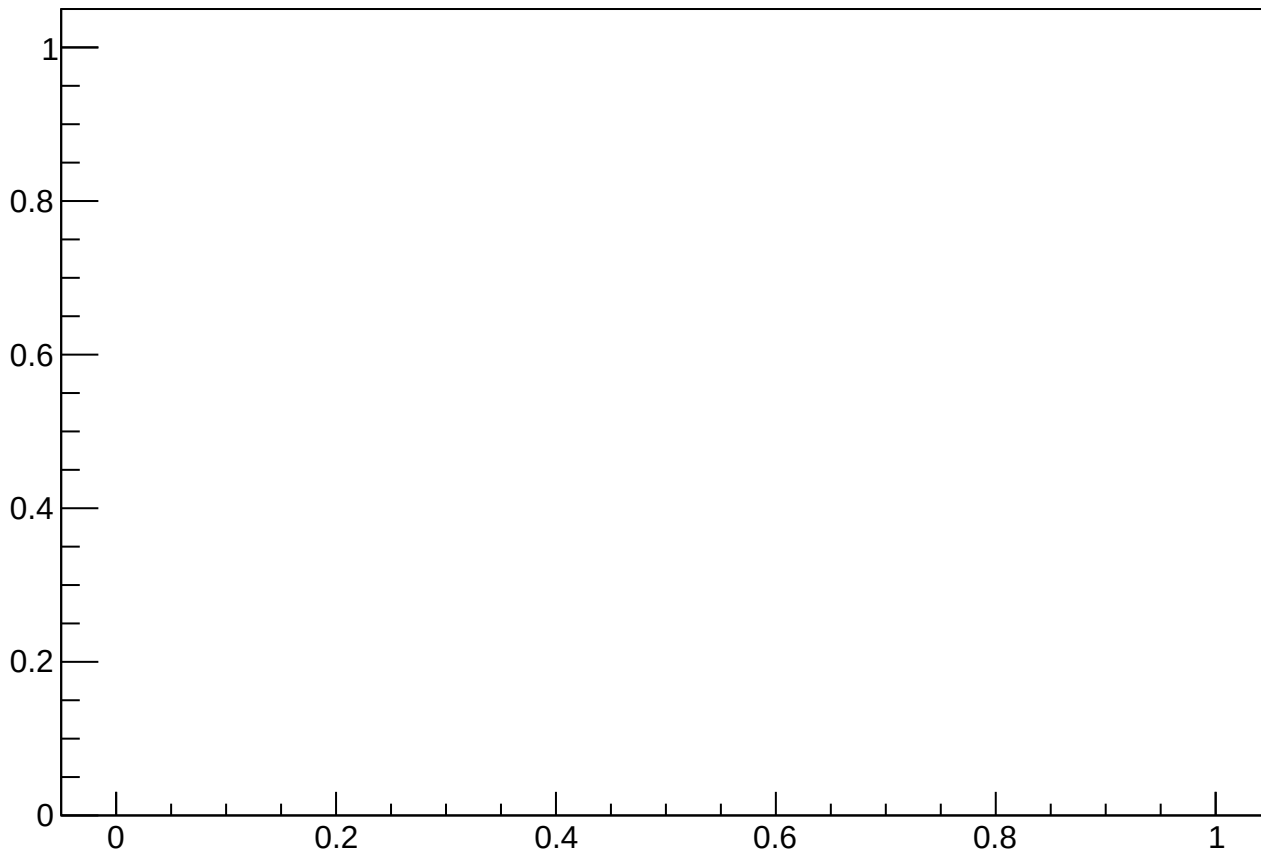
Right: 137.626+/-0.035 χ^2/NDF : 205452.1/20

In: 137.123+/-0.048 χ^2/NDF : 98426.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.626+/-0.035 χ^2/NDF : 205452.1/20

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

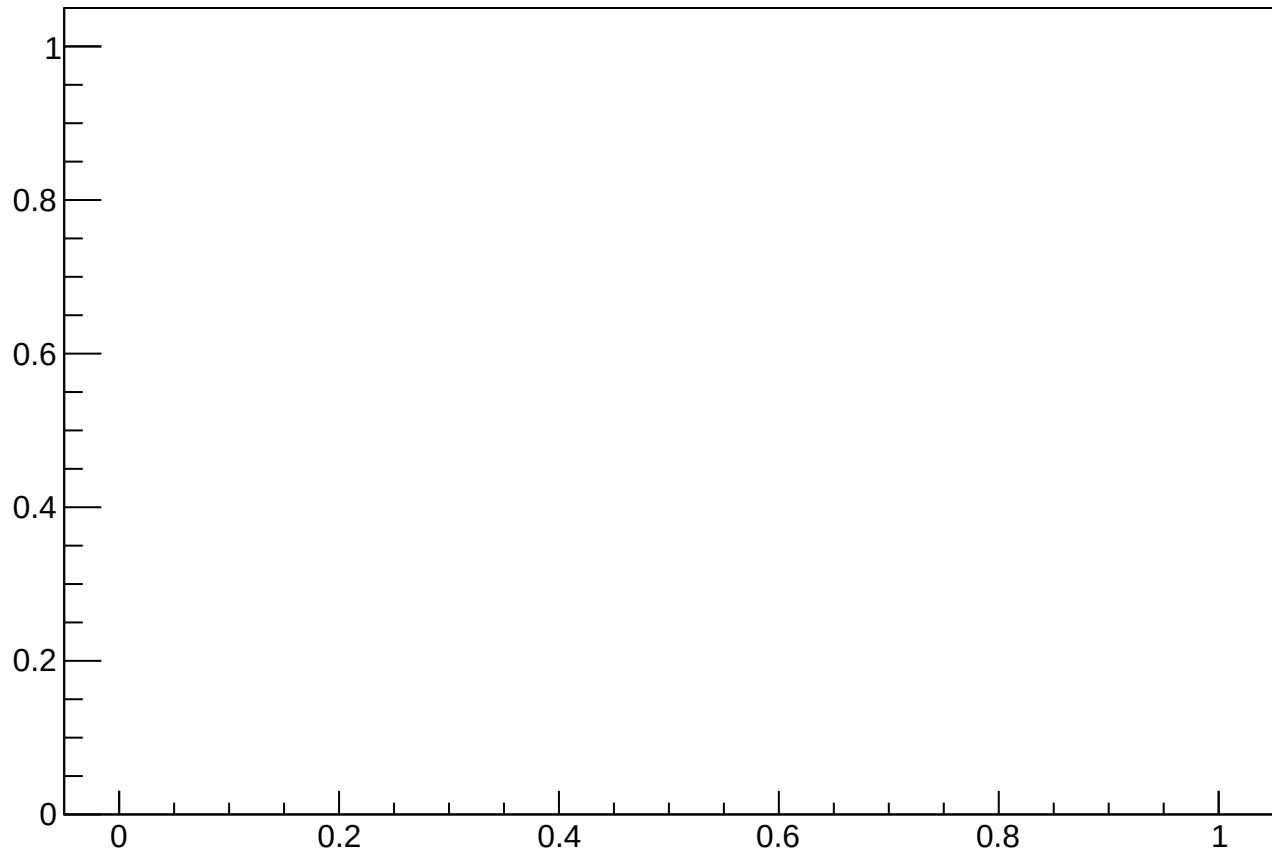
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

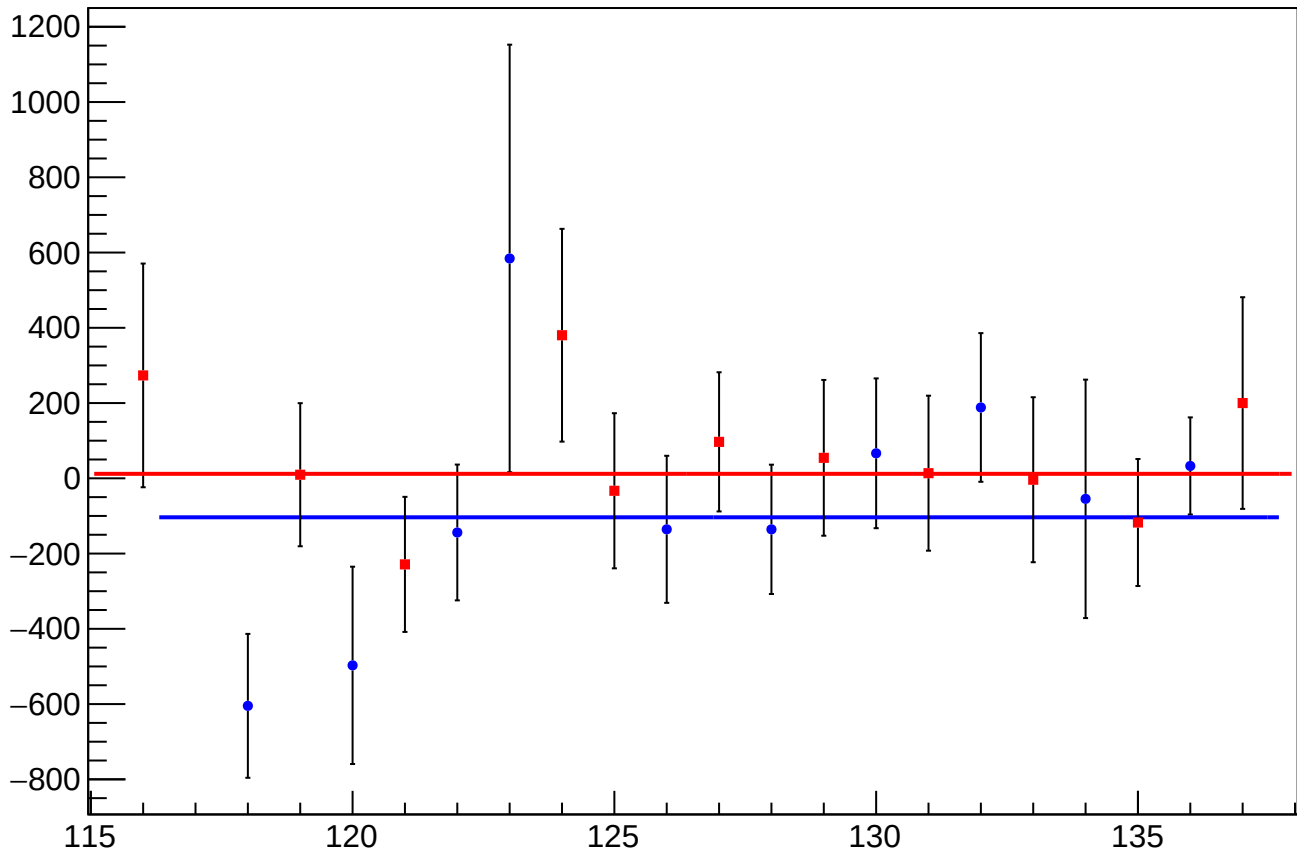
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -103.609+/-62.427 χ^2/NDF : 14.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.920+/-63.150 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

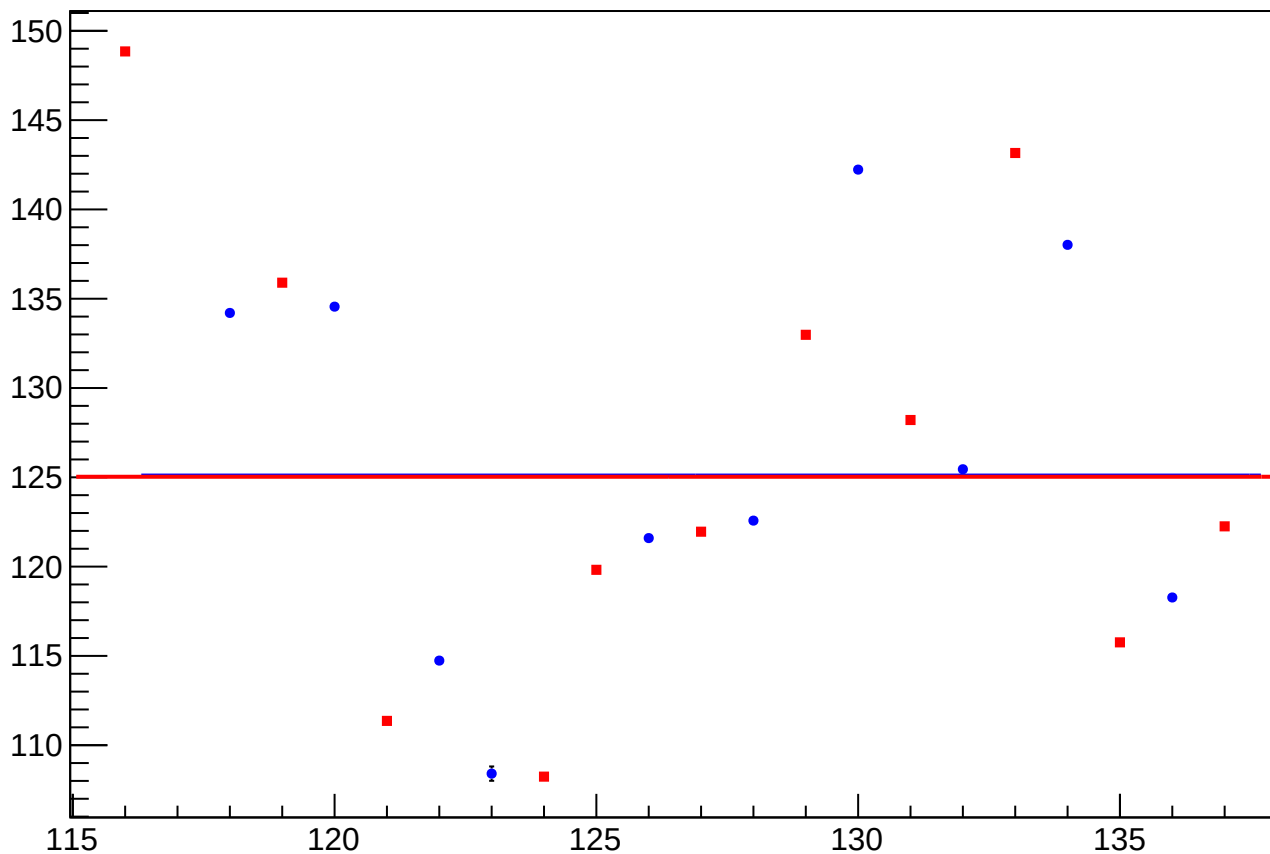
Right: -46.510+/-44.396 χ^2/NDF : 22.1/20

In: -103.609+/-62.427 χ^2/NDF : 14.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.510+/-44.396 χ^2/NDF : 22.1/20

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 125.098+/-0.044 χ^2/NDF : 40275.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.031+/-0.045 χ^2/NDF : 63189.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

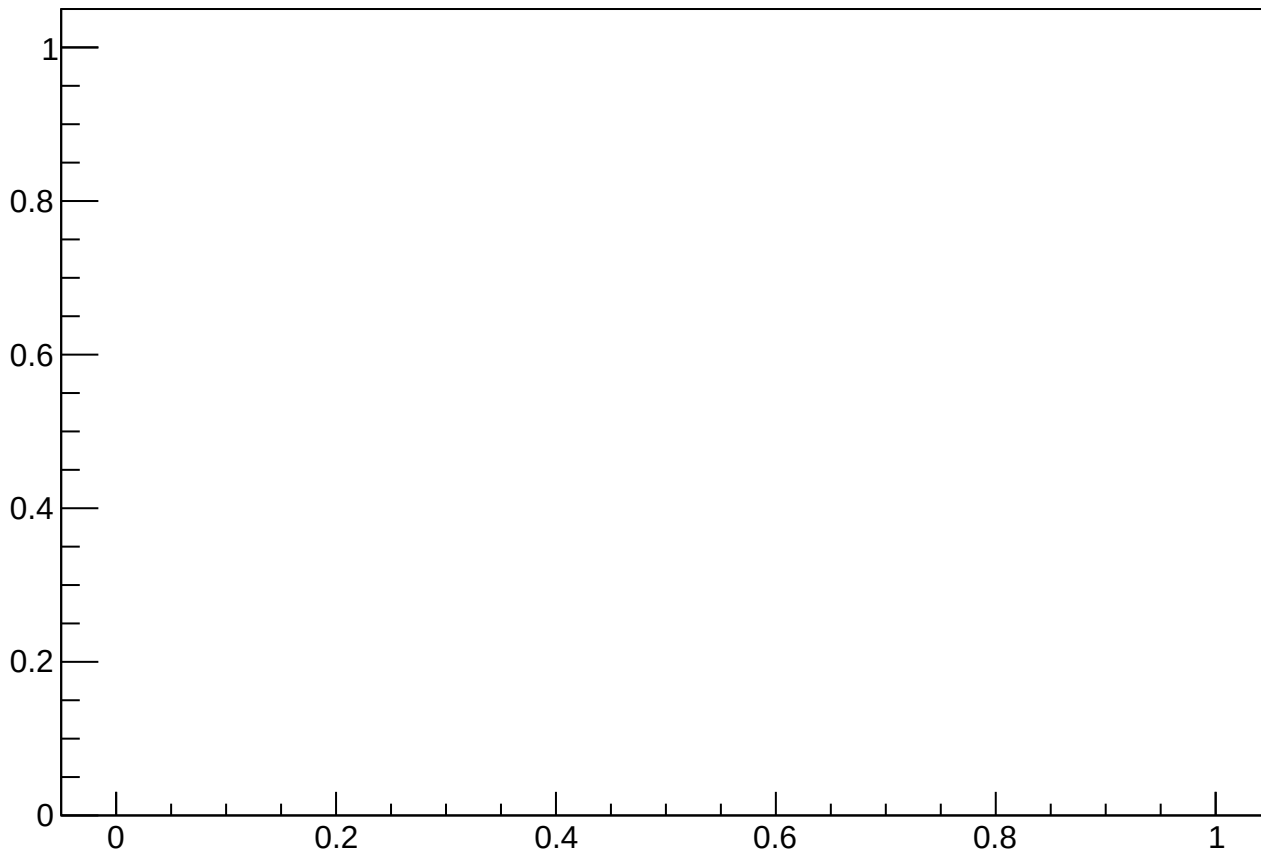
Right: 125.065+/-0.031 χ^2/NDF : 103465.6/20

In: 125.098+/-0.044 χ^2/NDF : 40275.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.065+/-0.031 χ^2/NDF : 103465.6/20

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

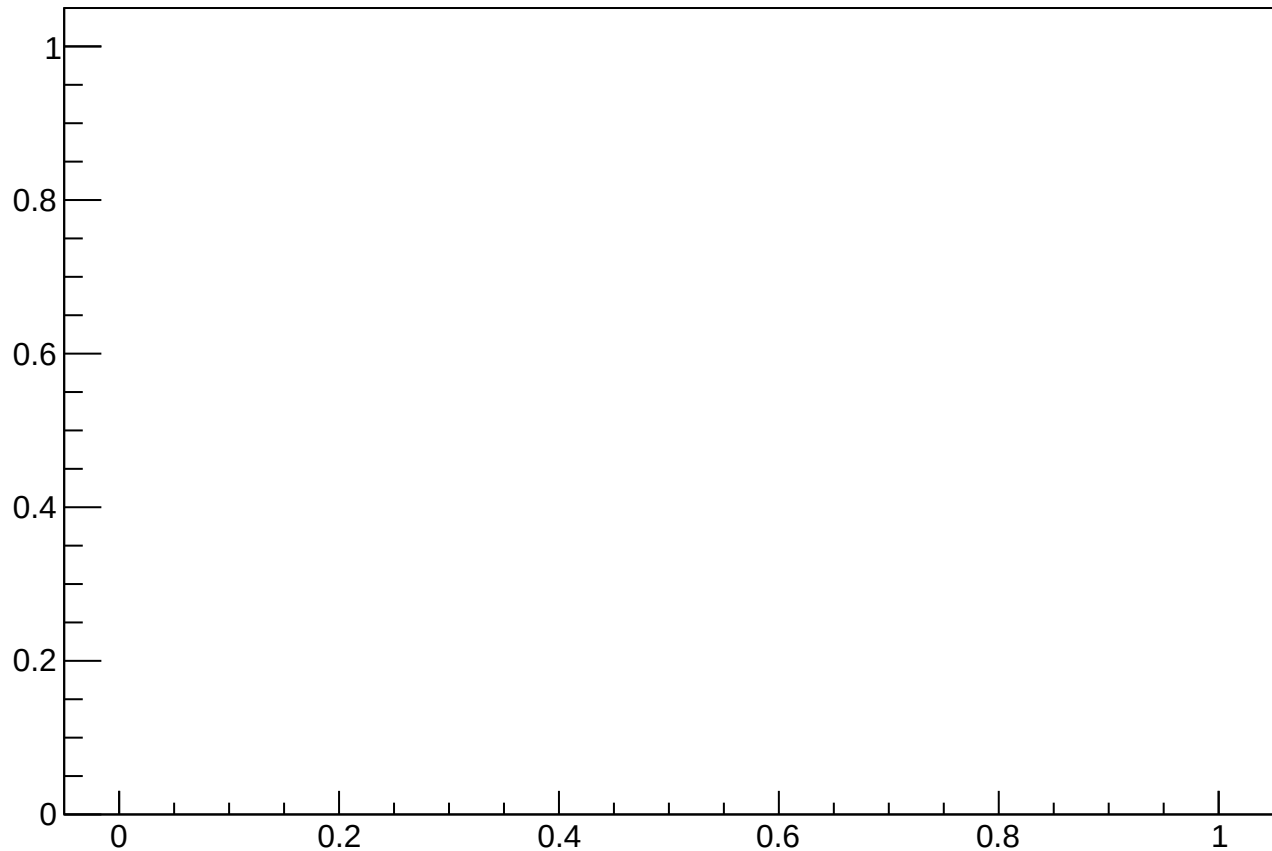
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

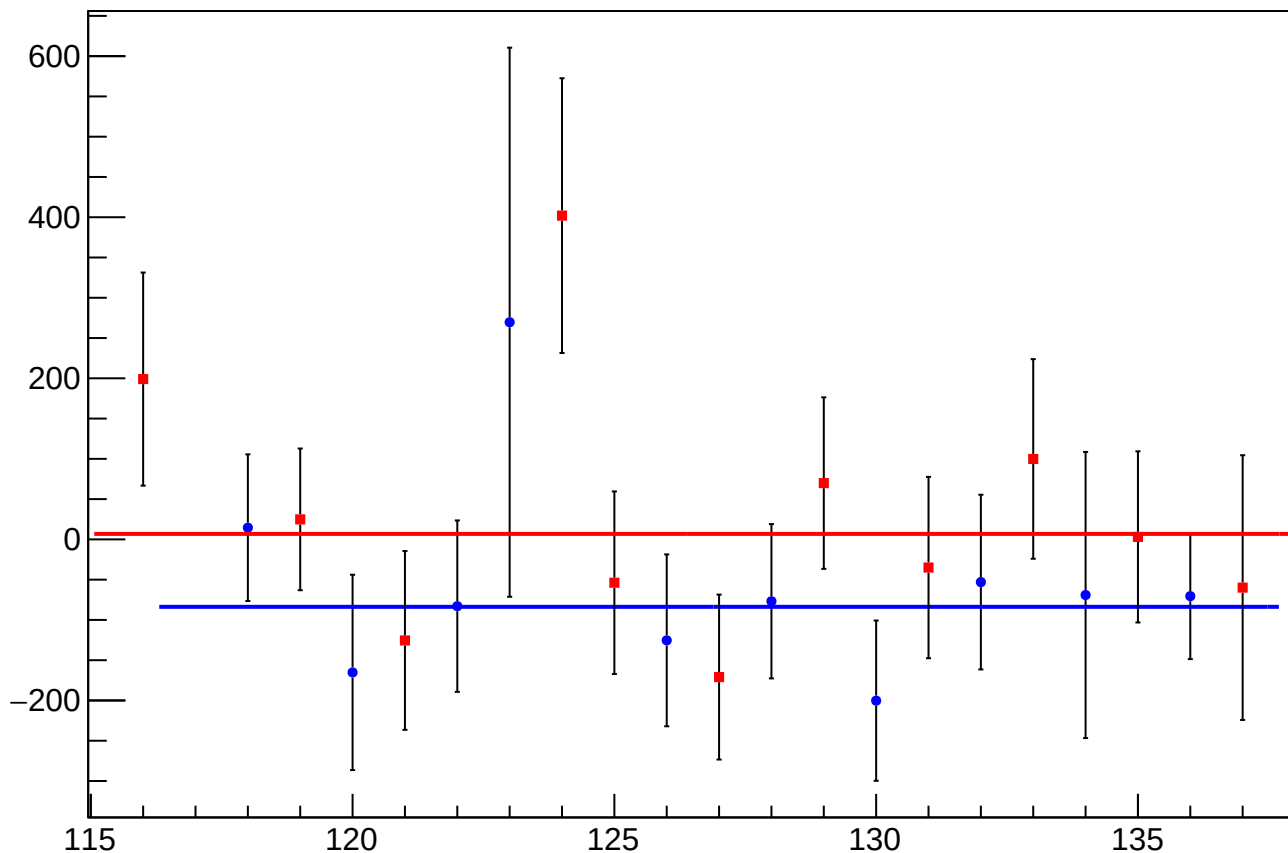
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -83.737 $\pm$ 34.032 χ^2/NDF : 4.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6.822 $\pm$ 34.651 χ^2/NDF : 13.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

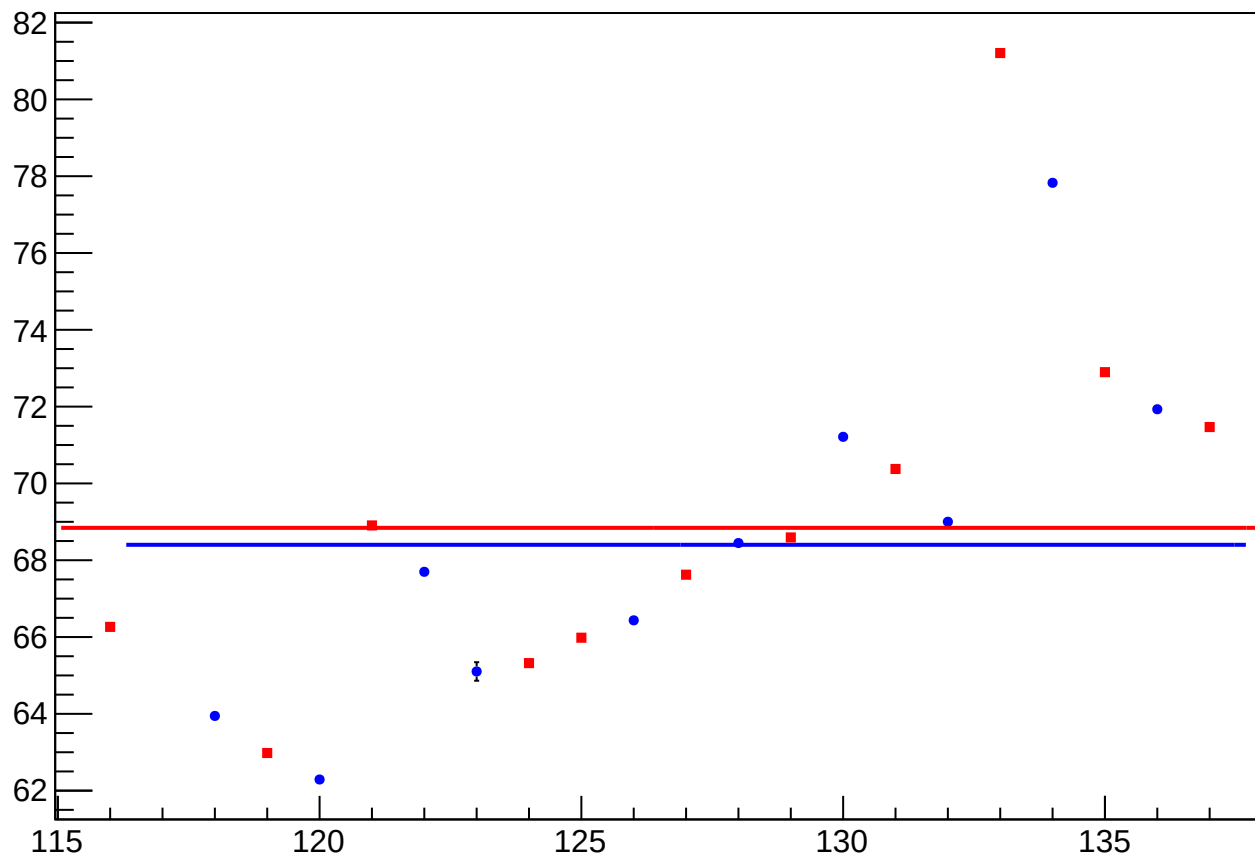
Right: -39.273 $\pm$ 24.280 χ^2/NDF : 21.3/20

In: -83.737 $\pm$ 34.032 χ^2/NDF : 4.3/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -39.273 $\pm$ 24.280 χ^2/NDF : 21.3/20

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.402 $\pm$ 0.024 χ^2 /NDF: 22187.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.844 $\pm$ 0.025 χ^2 /NDF: 35763.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

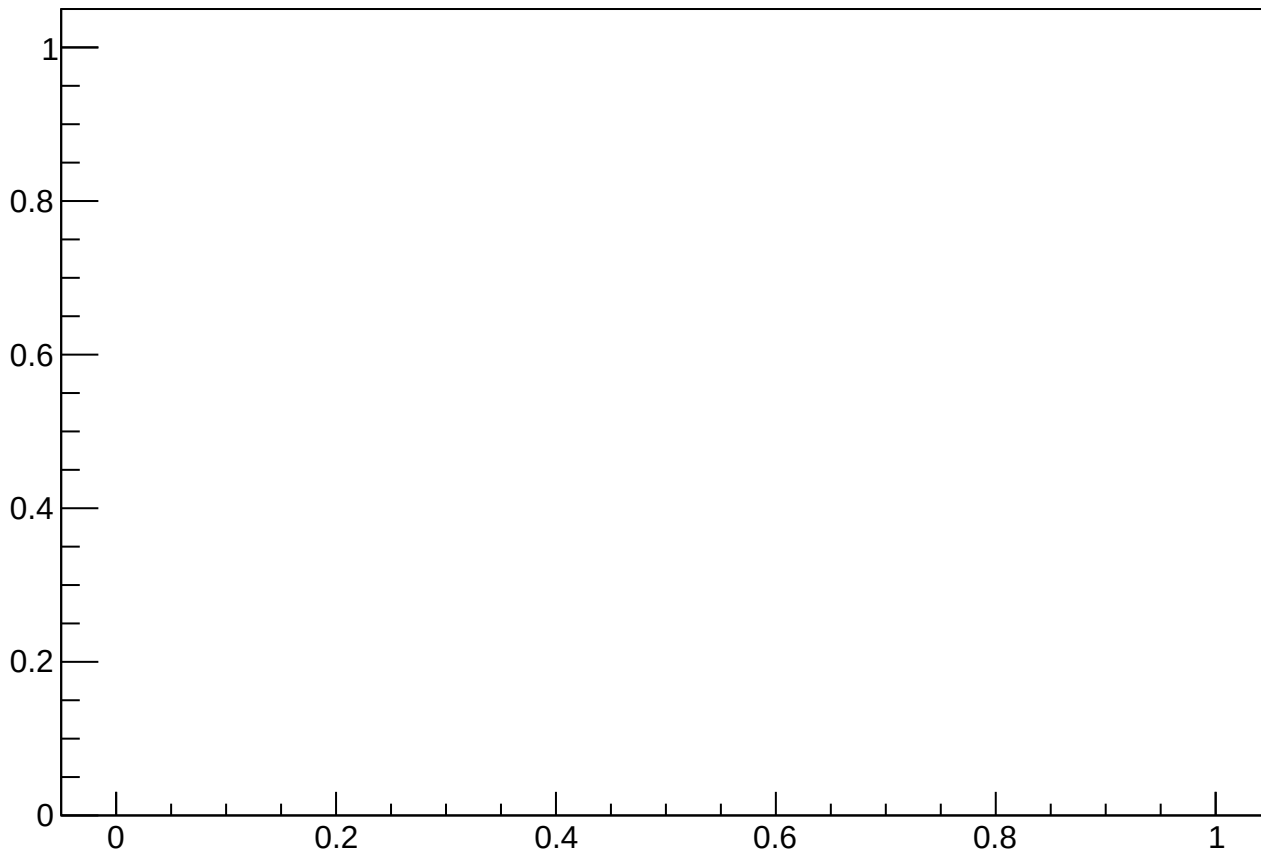
Right: 68.619 $\pm$ 0.017 χ^2 /NDF: 58116.1/20

In: 68.402 $\pm$ 0.024 χ^2 /NDF:22187.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.619 $\pm$ 0.017 χ^2 /NDF: 58116.1/20

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

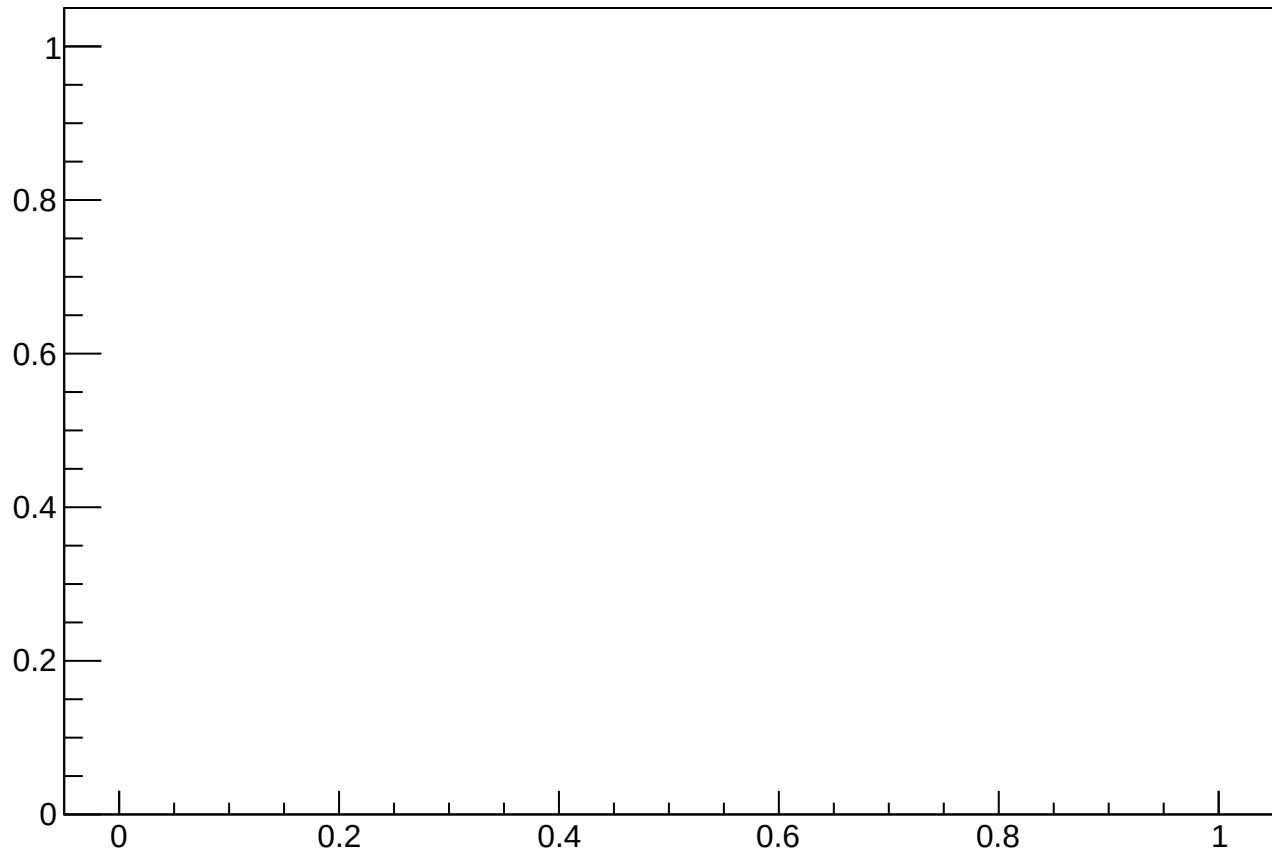
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

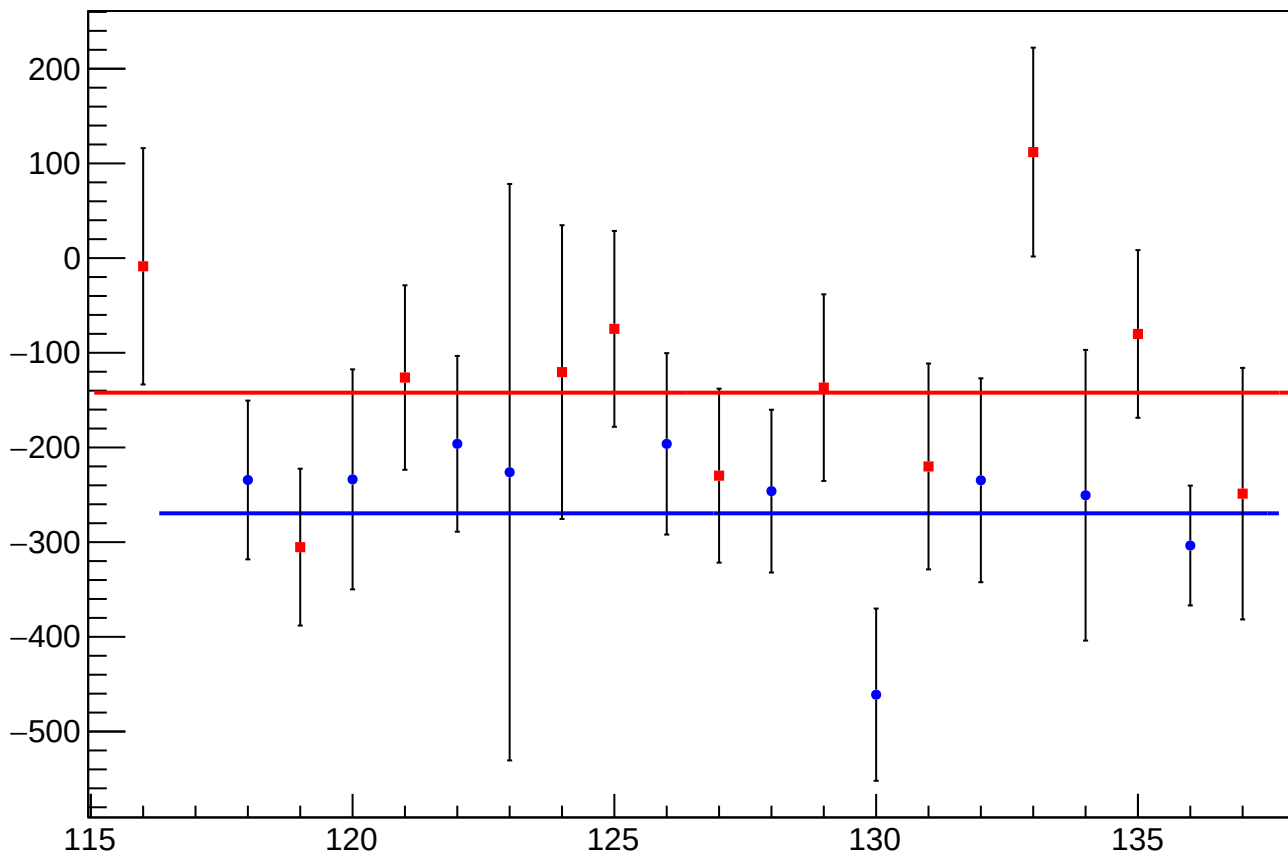
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -269.552 ± 30.337 χ^2/NDF : 6.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -142.112 ± 31.267 χ^2/NDF : 13.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

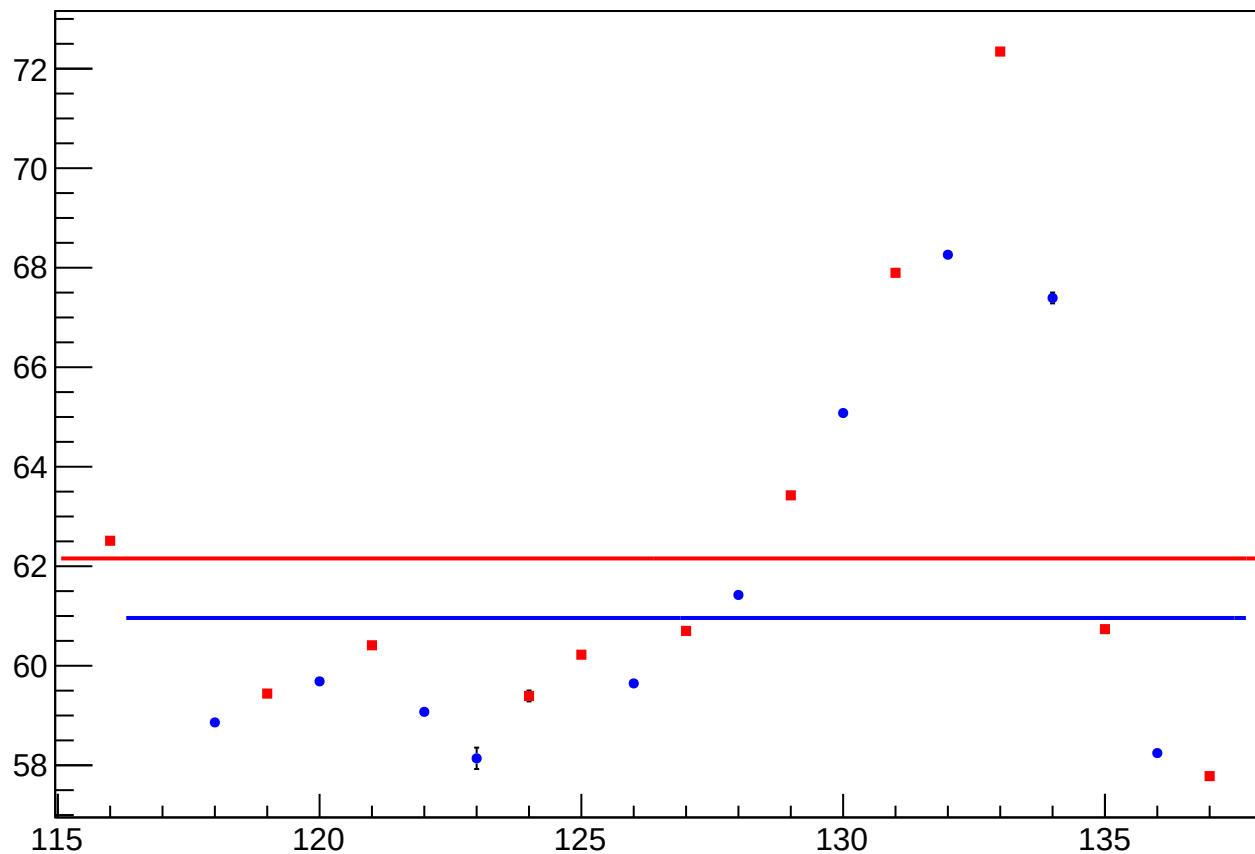
Right: -207.756 ± 21.773 χ^2/NDF : 28.3/20

In: -269.552 ± 30.337 χ^2/NDF : 6.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -207.756 ± 21.773 χ^2/NDF : 28.3/20

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 60.960 $\pm$ 0.021 χ^2 /NDF: 23414.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.157 $\pm$ 0.022 χ^2 /NDF: 30308.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

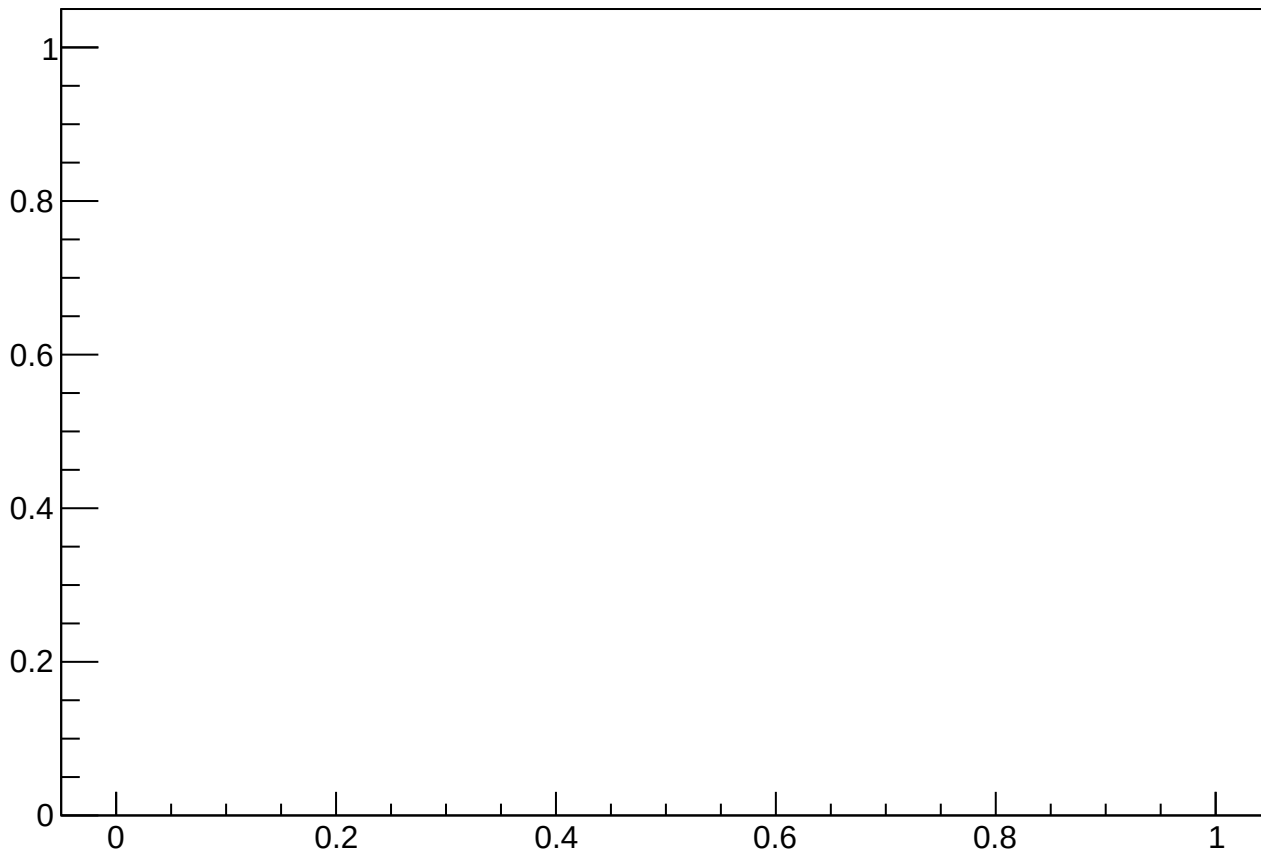
Right: 61.541 $\pm$ 0.015 χ^2 /NDF: 55230.8/20

In: 60.960 $\pm$ 0.021 χ^2 /NDF:23414.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.541 $\pm$ 0.015 χ^2 /NDF: 55230.8/20

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

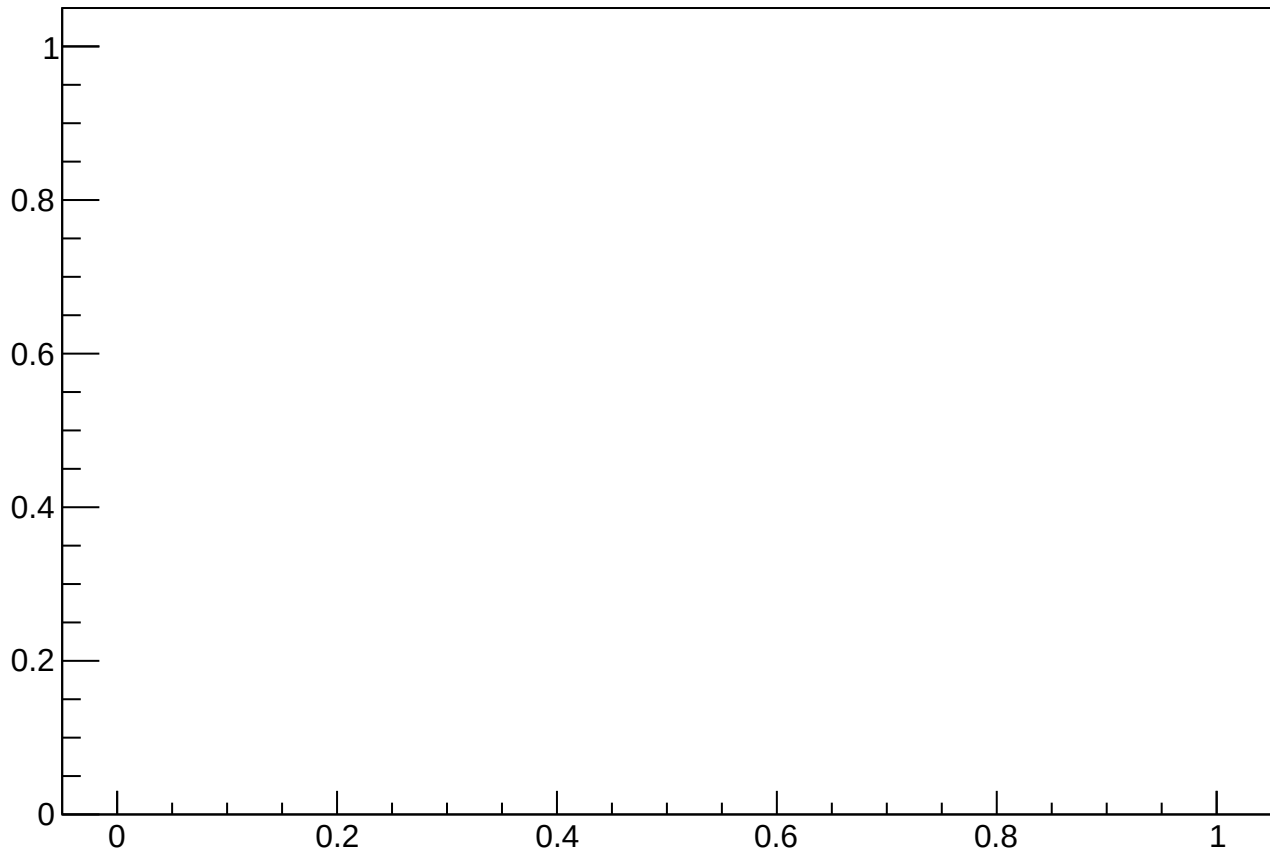
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

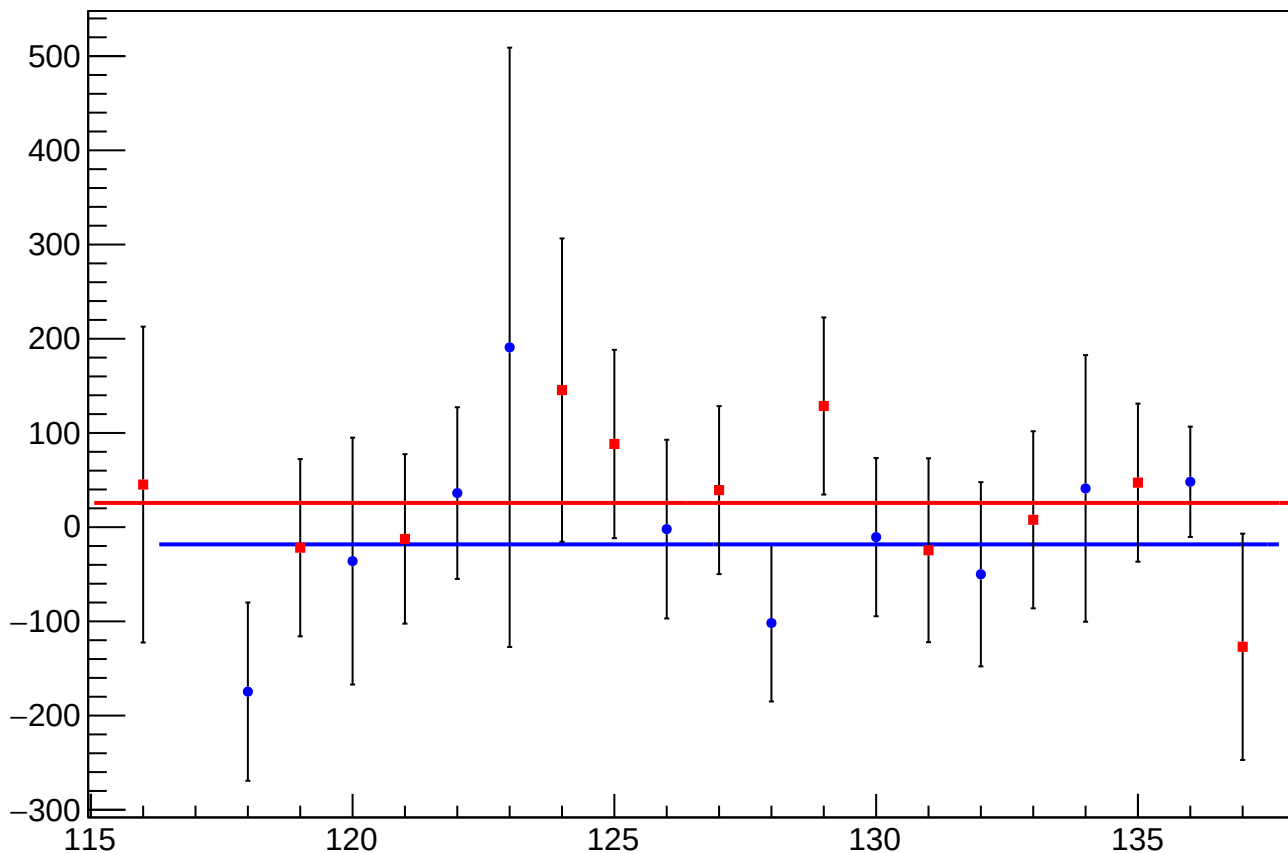
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: -18.258+/-29.572 χ^2/NDF : 6.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.742+/-30.440 χ^2/NDF : 4.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

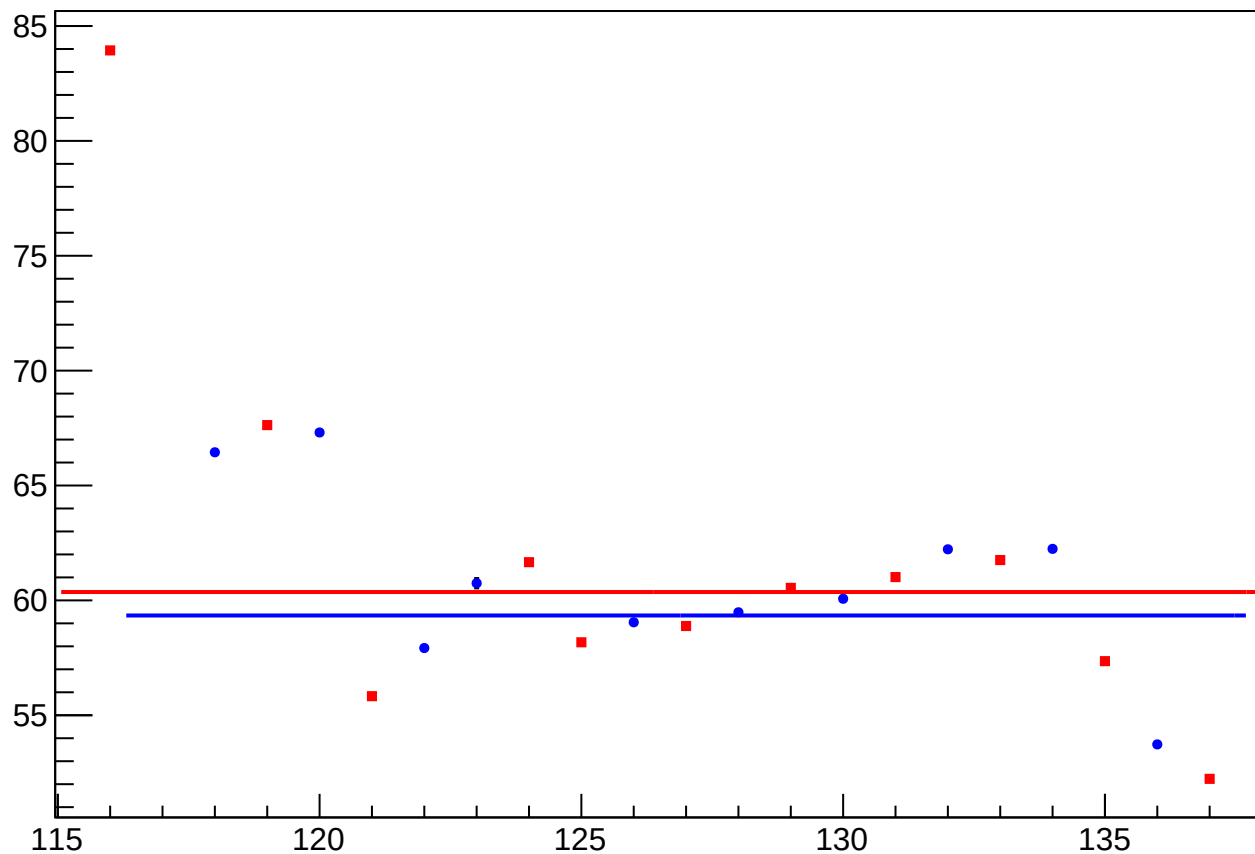
Right: 3.105+/-21.211 χ^2/NDF : 11.8/20

In: -18.258+/-29.572 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.105+/-21.211 χ^2/NDF : 11.8/20

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.343+/-0.021 χ^2/NDF : 40309.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.364+/-0.022 χ^2/NDF : 70459.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

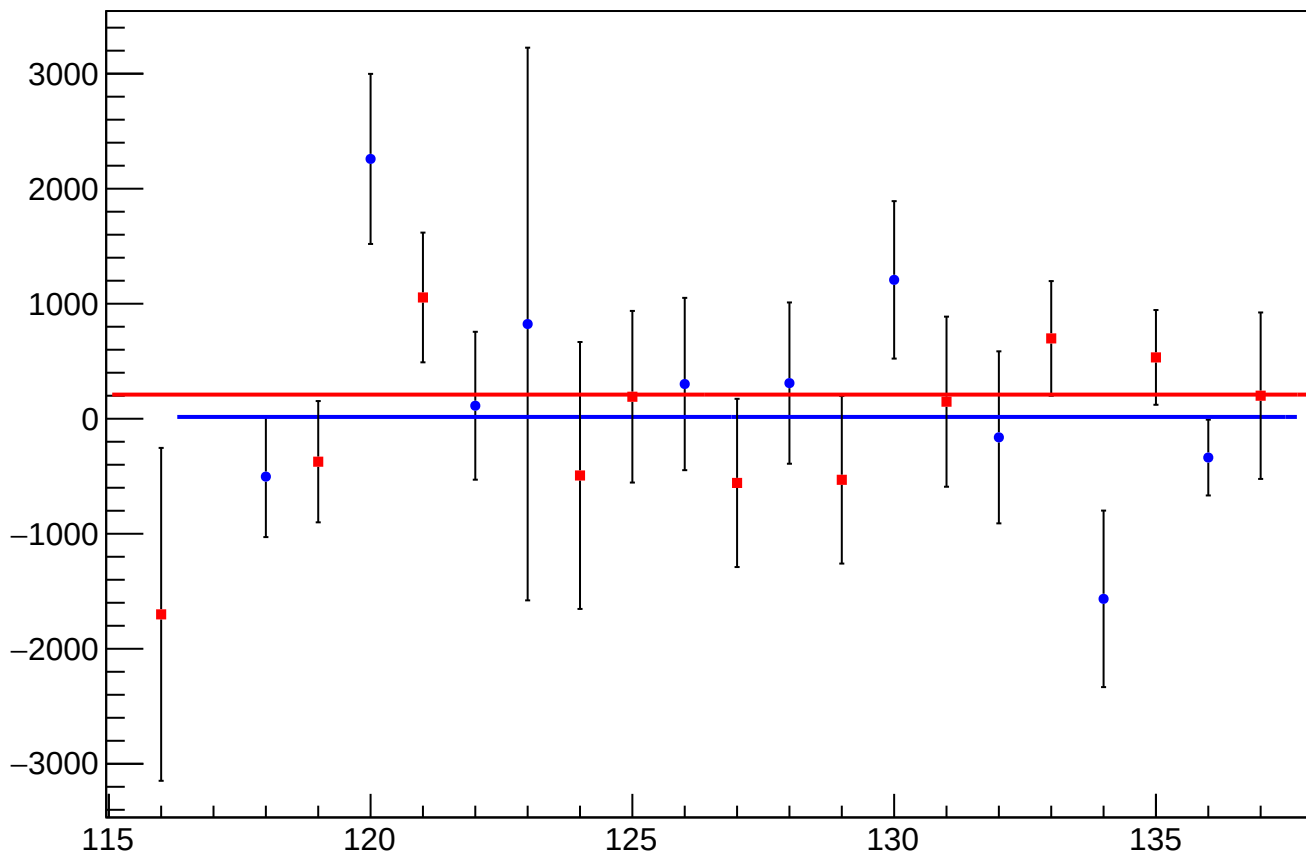
Right: 59.839+/-0.015 χ^2/NDF : 111924.8/20

In: 59.343+/-0.021 χ^2/NDF : 40309.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.839+/-0.015 χ^2/NDF : 111924.8/20

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 15.679+/-193.596 χ^2/NDF : 19.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.786+/-191.841 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

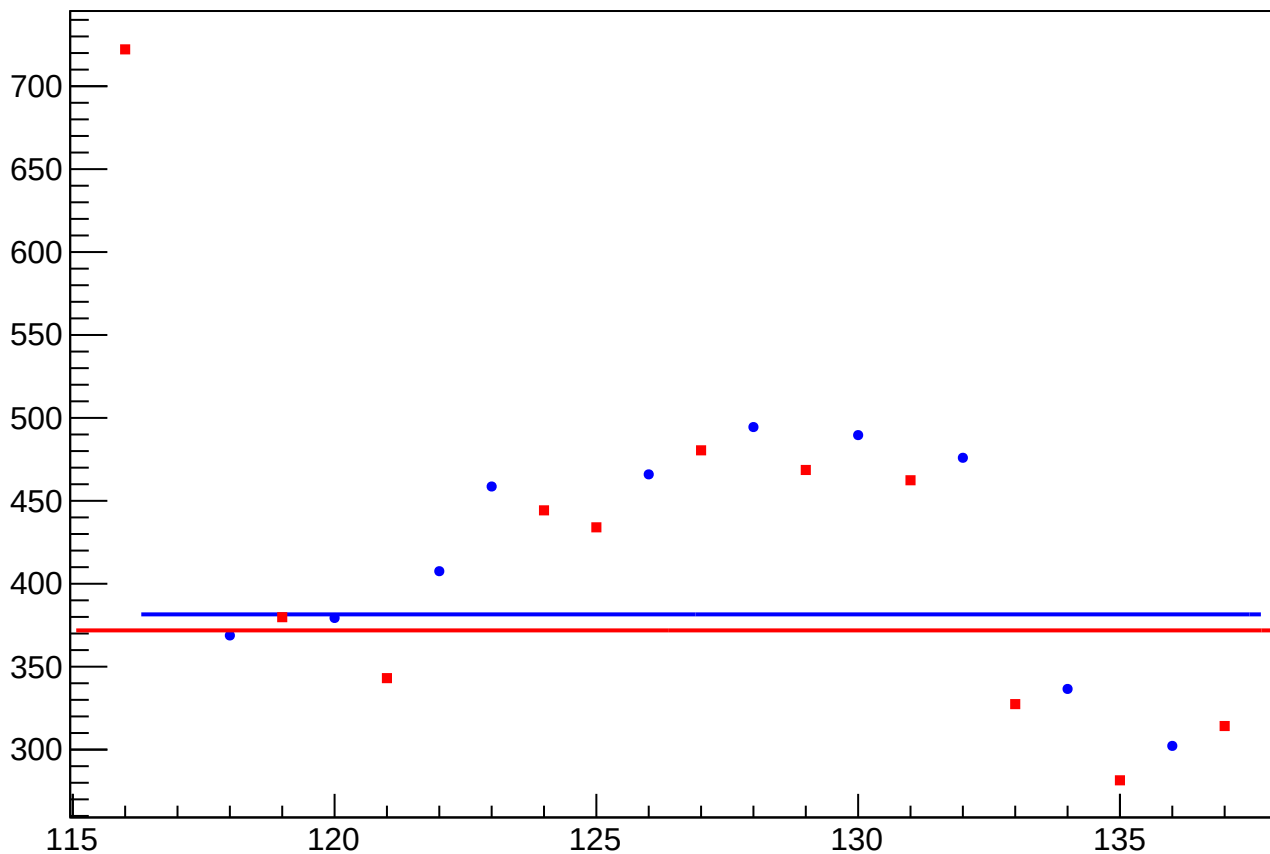
Right: 113.616+/-136.268 χ^2/NDF : 28.9/20

In: 15.679+/-193.596 χ^2/NDF : 19.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.616+/-136.268 χ^2/NDF : 28.9/20

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 381.536+/-0.137 χ^2/NDF : 288214.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.874+/-0.136 χ^2/NDF : 378815.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

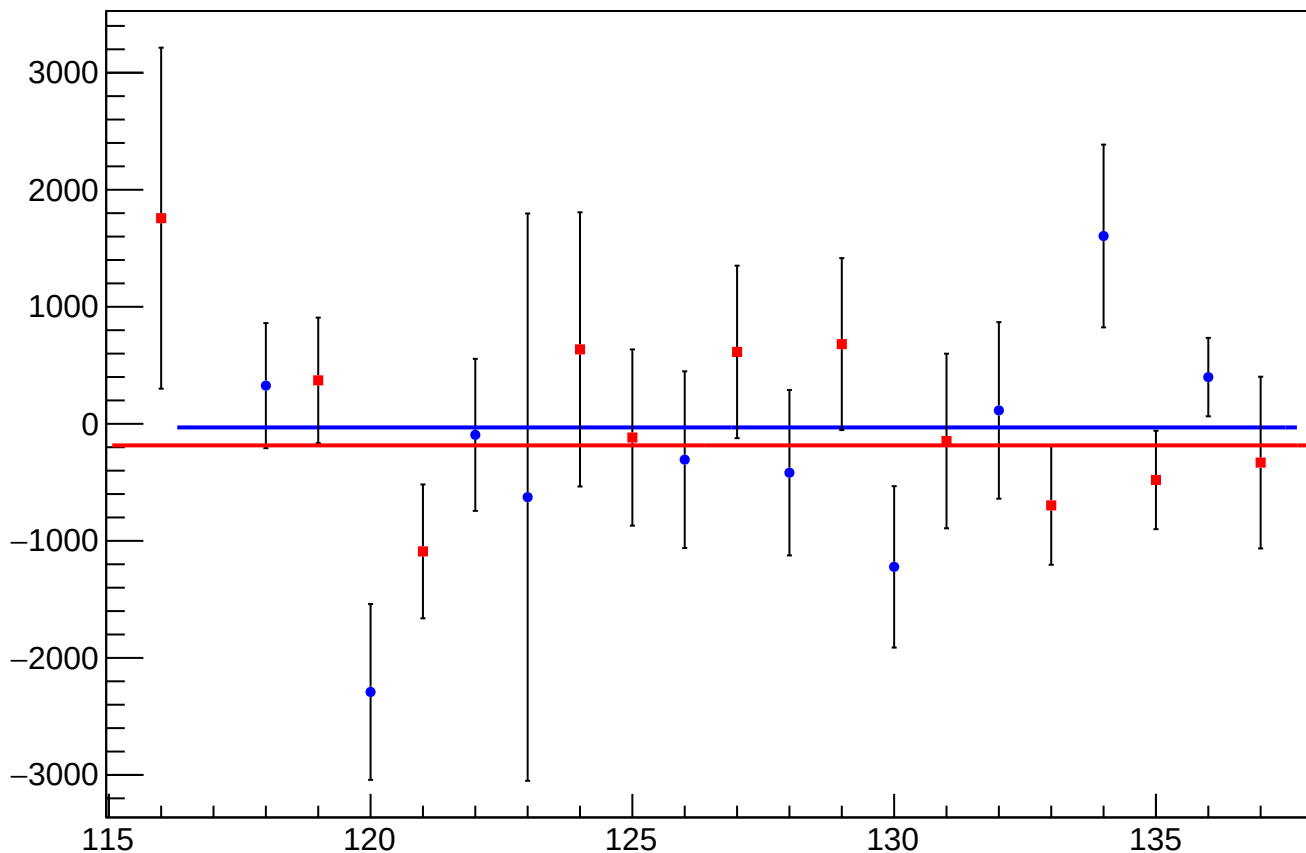
Right: 376.661+/-0.096 χ^2/NDF : 669543.1/20

In: 381.536+/-0.137 χ^2/NDF : 288214.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.661+/-0.096 χ^2/NDF : 669543.1/20

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: -30.826 ± 196.191 χ^2/NDF : 19.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -184.262 ± 194.655 χ^2/NDF : 10.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

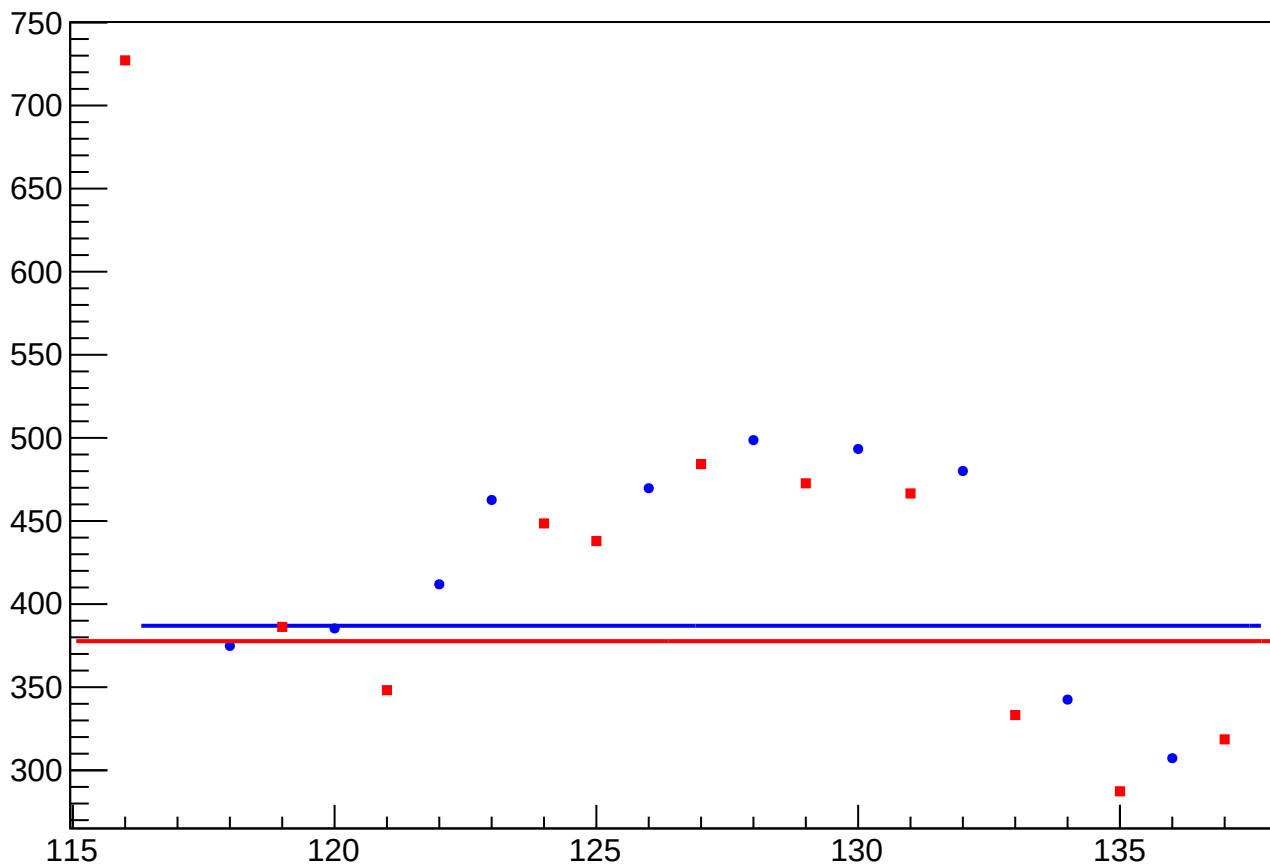
Right: -108.147 ± 138.182 χ^2/NDF : 29.3/20

In: -30.826 ± 196.191 χ^2/NDF : 19.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -108.147 ± 138.182 χ^2/NDF : 29.3/20

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 386.968 $\pm$ 0.139 χ^2 /NDF: 277604.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 377.722 $\pm$ 0.138 χ^2 /NDF: 365290.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

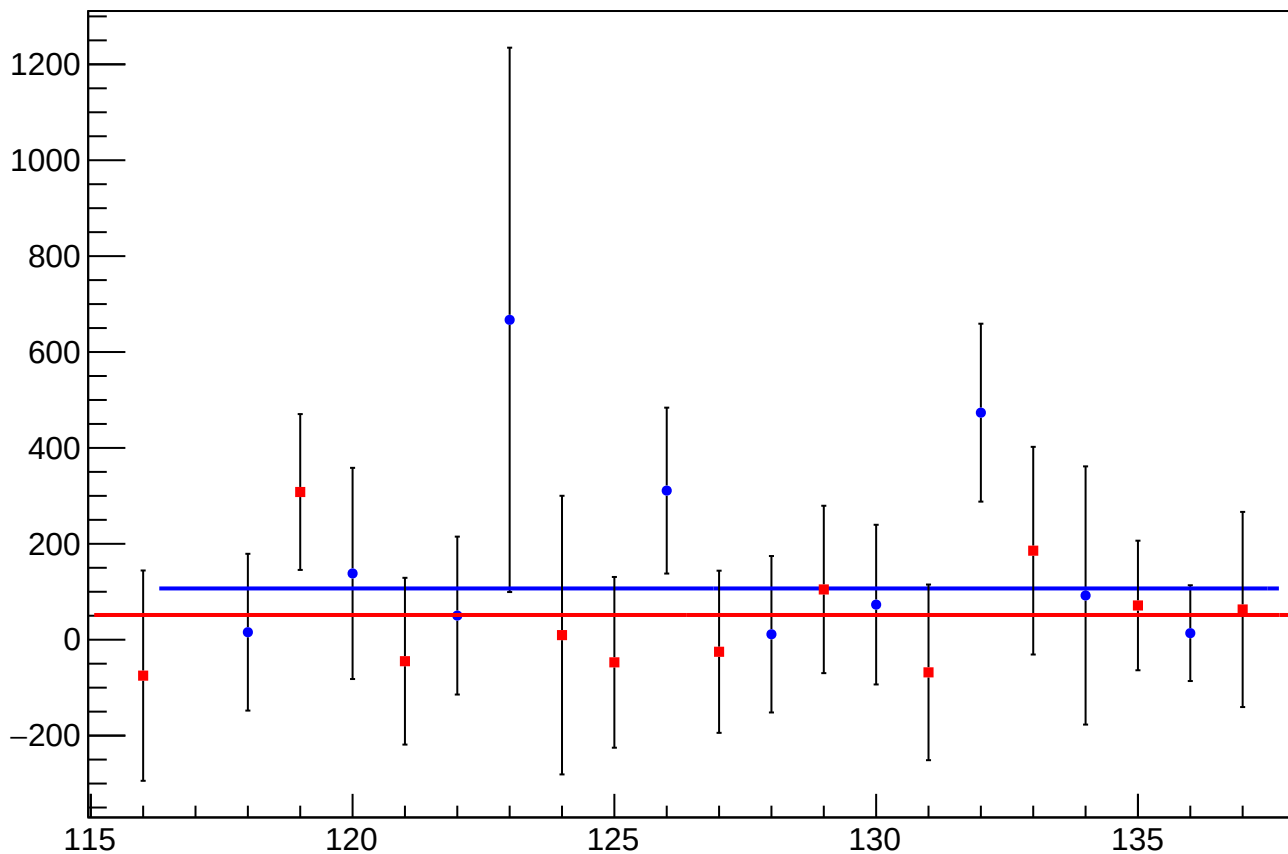
Right: 382.309 $\pm$ 0.098 χ^2 /NDF: 645133.3/20

In: 386.968 $\pm$ 0.139 χ^2 /NDF:277604.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 382.309 $\pm$ 0.098 χ^2 /NDF: 645133.3/20

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 106.903+/-53.594 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.575+/-54.804 χ^2/NDF : 4.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

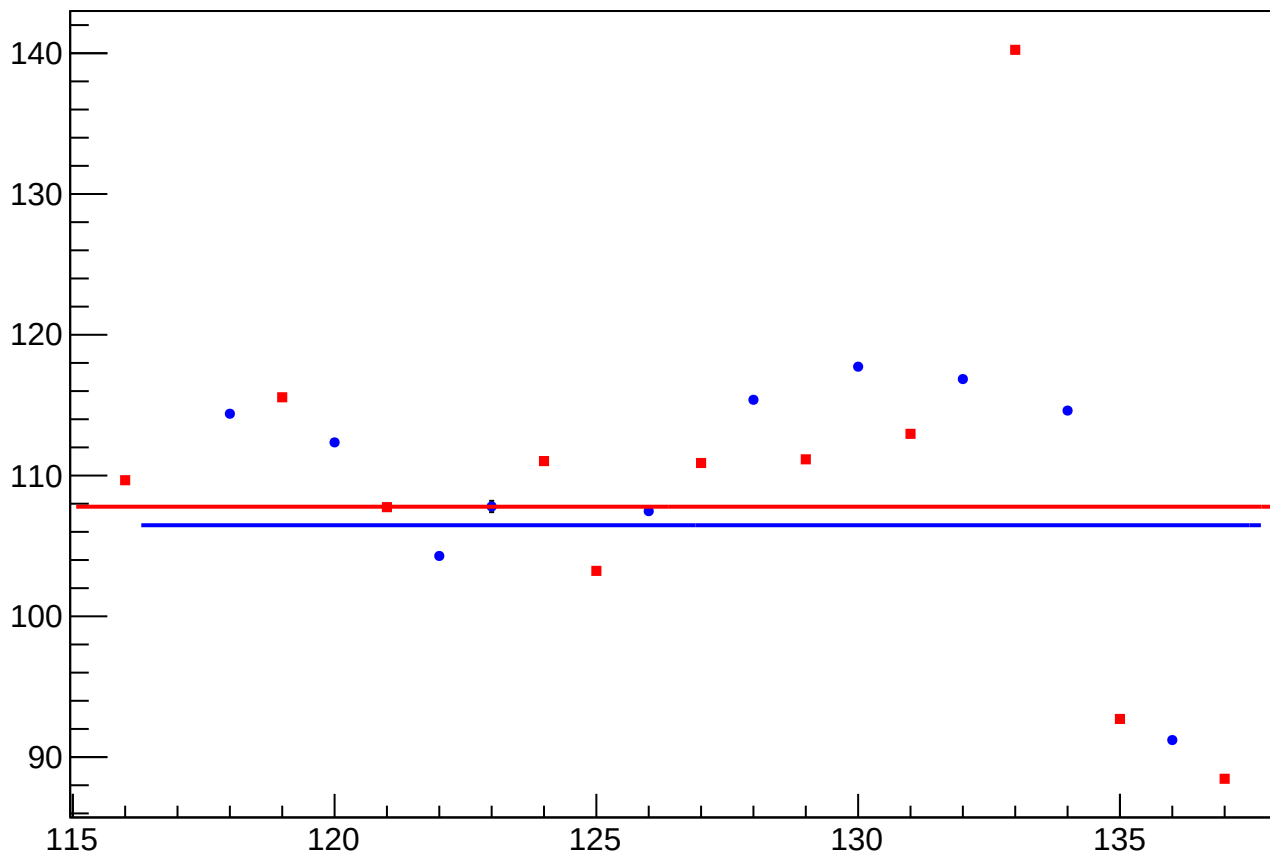
Right: 79.857+/-38.317 χ^2/NDF : 13.1/20

In: 106.903+/-53.594 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.857+/-38.317 χ^2/NDF : 13.1/20

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 106.471+/-0.038 χ^2/NDF : 76449.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.787+/-0.039 χ^2/NDF : 97152.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

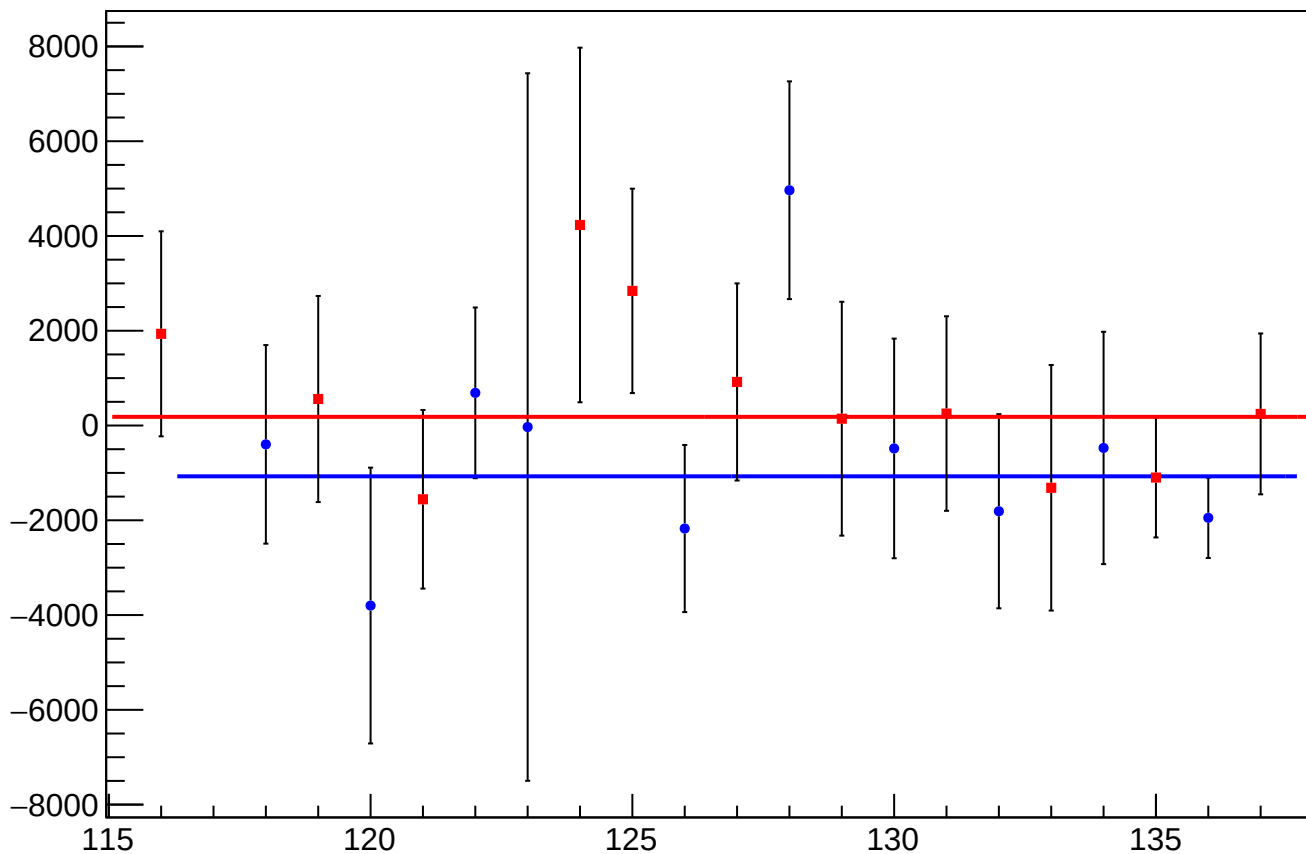
Right: 107.114+/-0.027 χ^2/NDF : 174191.7/20

In: 106.471+/-0.038 χ^2/NDF : 76449.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.114+/-0.027 χ^2/NDF : 174191.7/20

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -1072.352+/-562.179 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.332+/-603.224 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

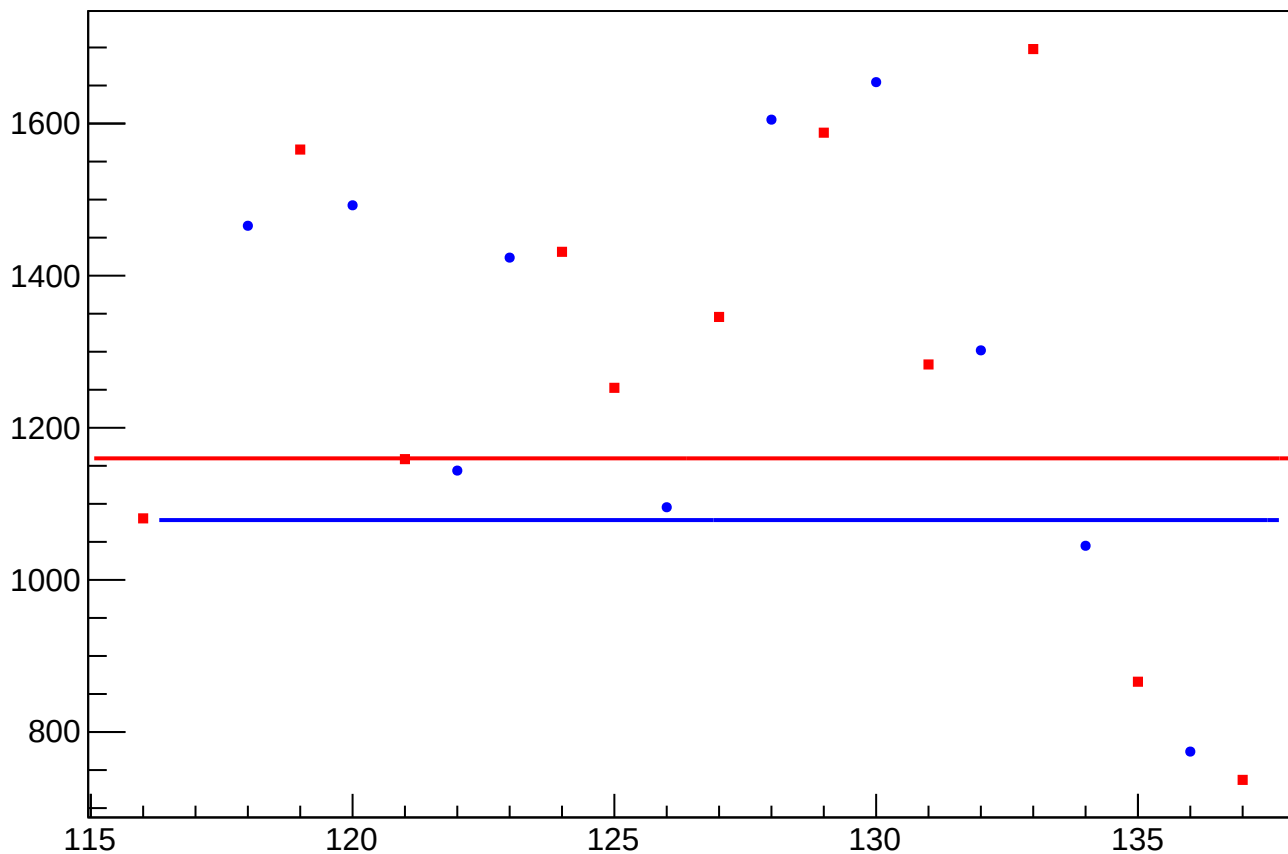
Right: -488.680+/-411.266 χ^2/NDF : 18.6/20

In: -1072.352+/-562.179 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.680+/-411.266 χ^2/NDF : 18.6/20

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1078.664+/-0.398 χ^2/NDF : 625901.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1159.810+/-0.427 χ^2/NDF : 488362.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

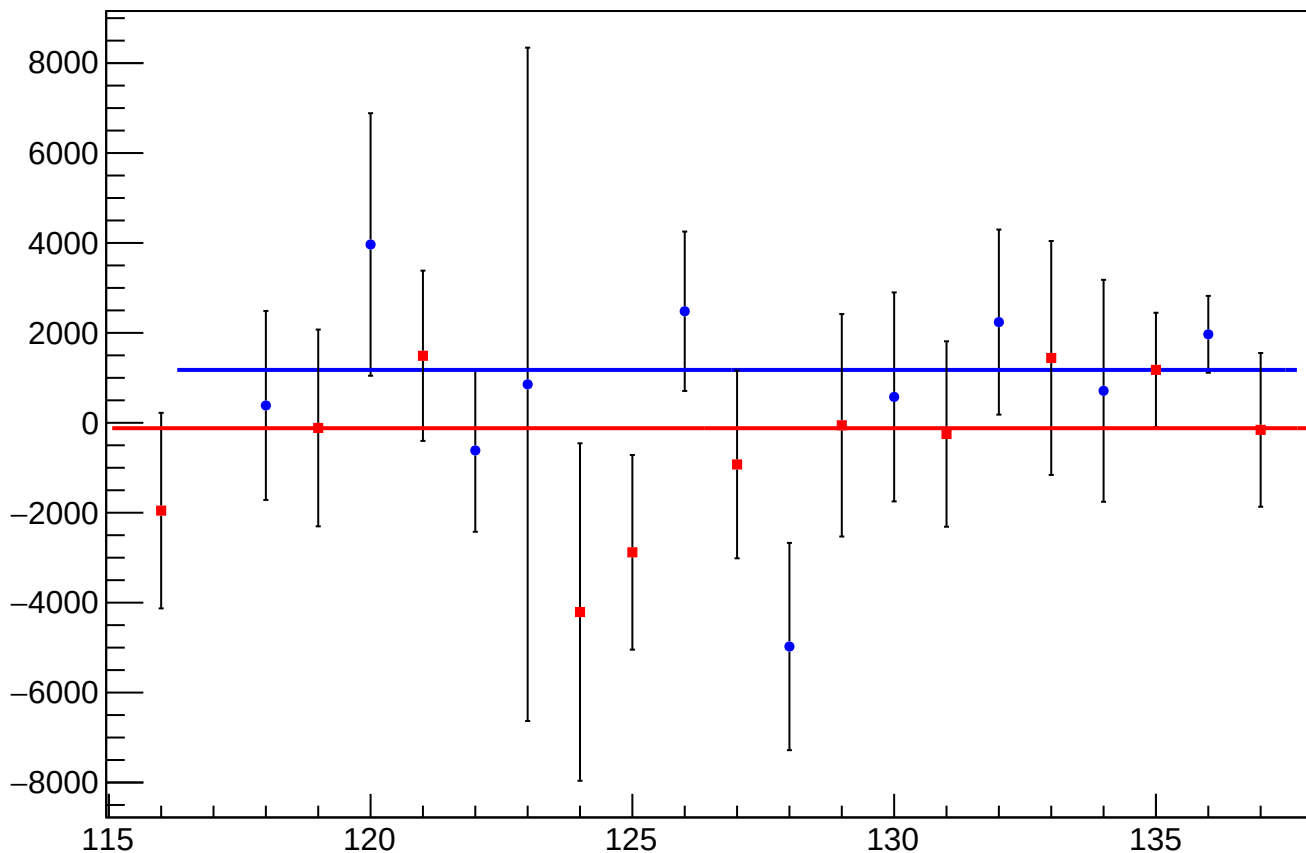
Right: 1116.382+/-0.291 χ^2/NDF : 1133632.7/20

In: 1078.664+/-0.398 χ^2/NDF : 625901.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.382+/-0.291 χ^2/NDF : 1133632.7/20

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1176.302+/-565.458 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.963+/-606.243 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

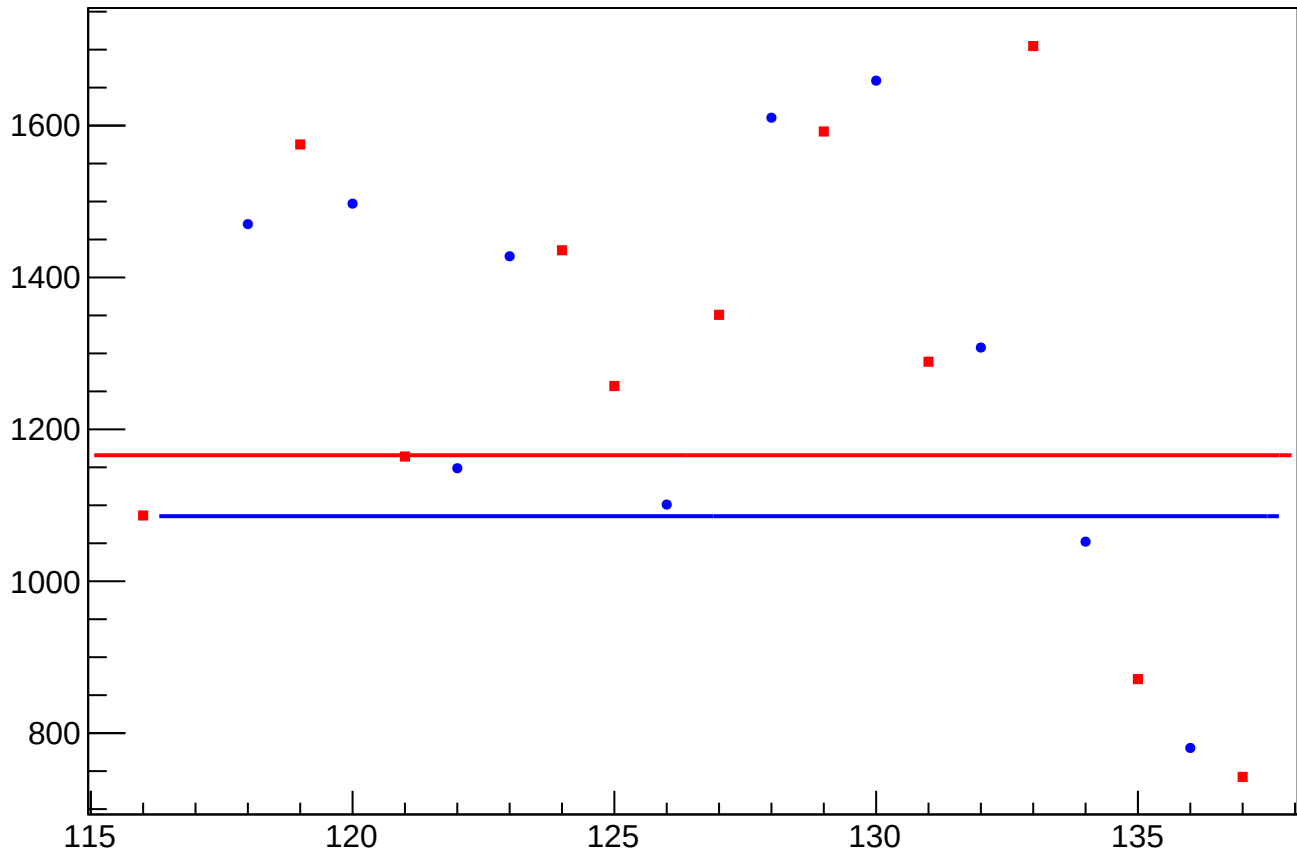
Right: 573.236+/-413.507 χ^2/NDF : 19.2/20

In: 1176.302+/-565.458 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.236+/-413.507 χ^2/NDF : 19.2/20

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1085.643+/-0.400 χ^2/NDF : 617458.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.899+/-0.429 χ^2/NDF : 484812.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

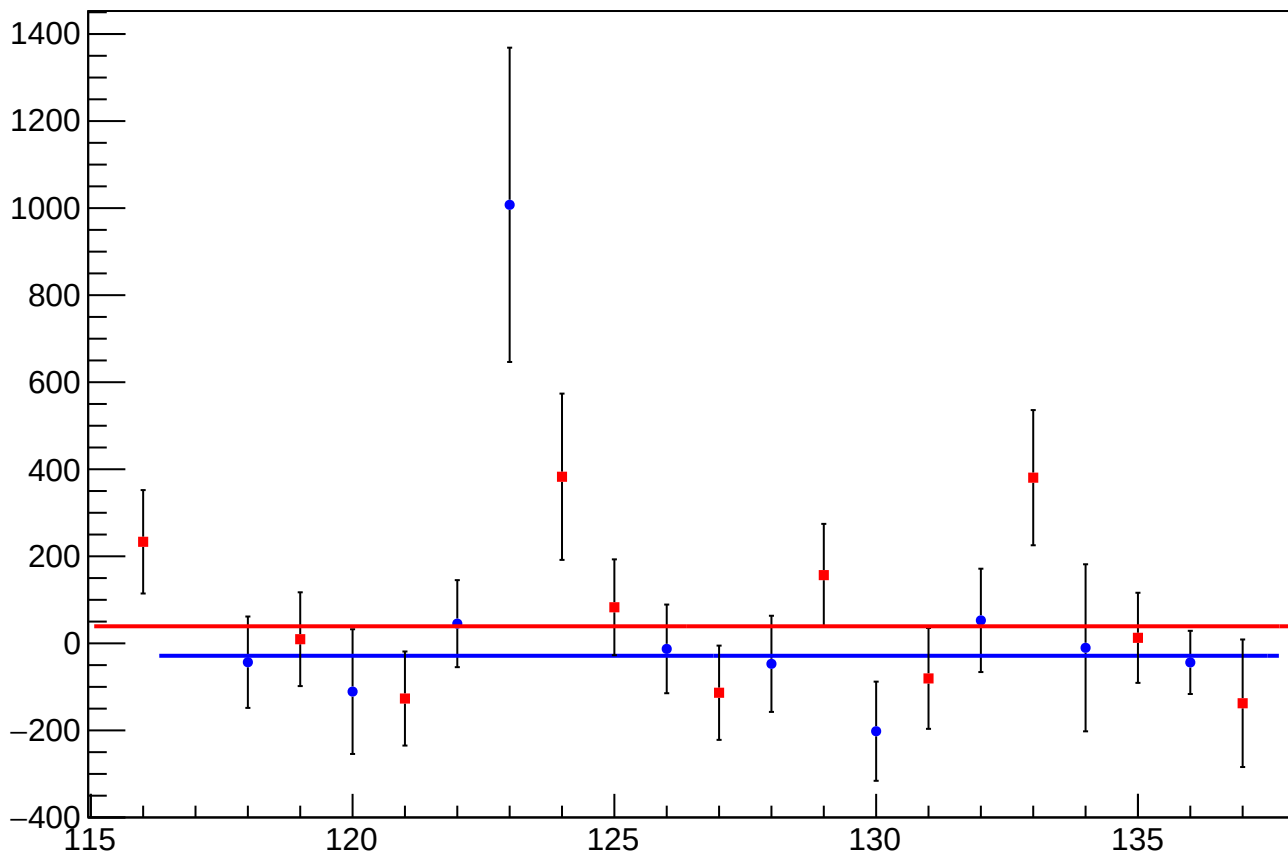
Right: 1122.981+/-0.292 χ^2/NDF : 1121014.6/20

In: 1085.643+/-0.400 χ^2/NDF : 617458.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.981+/-0.292 χ^2/NDF : 1121014.6/20

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -28.549+/-35.566 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.199+/-36.136 χ^2/NDF : 18.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

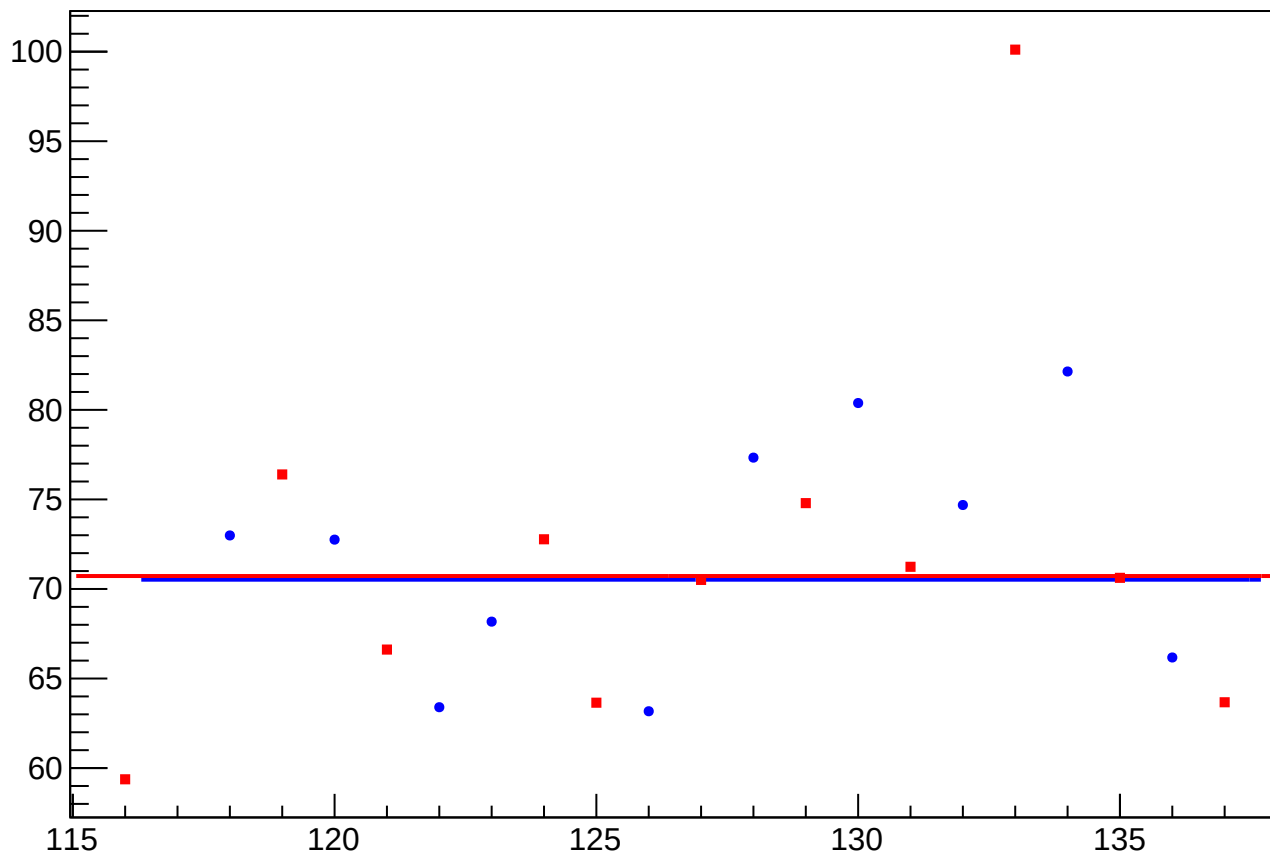
Right: 4.787+/-25.348 χ^2/NDF : 32.7/20

In: -28.549+/-35.566 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.787+/-25.348 χ^2/NDF : 32.7/20

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 70.518+/-0.025 χ^2/NDF : 61796.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.723+/-0.026 χ^2/NDF : 113851.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

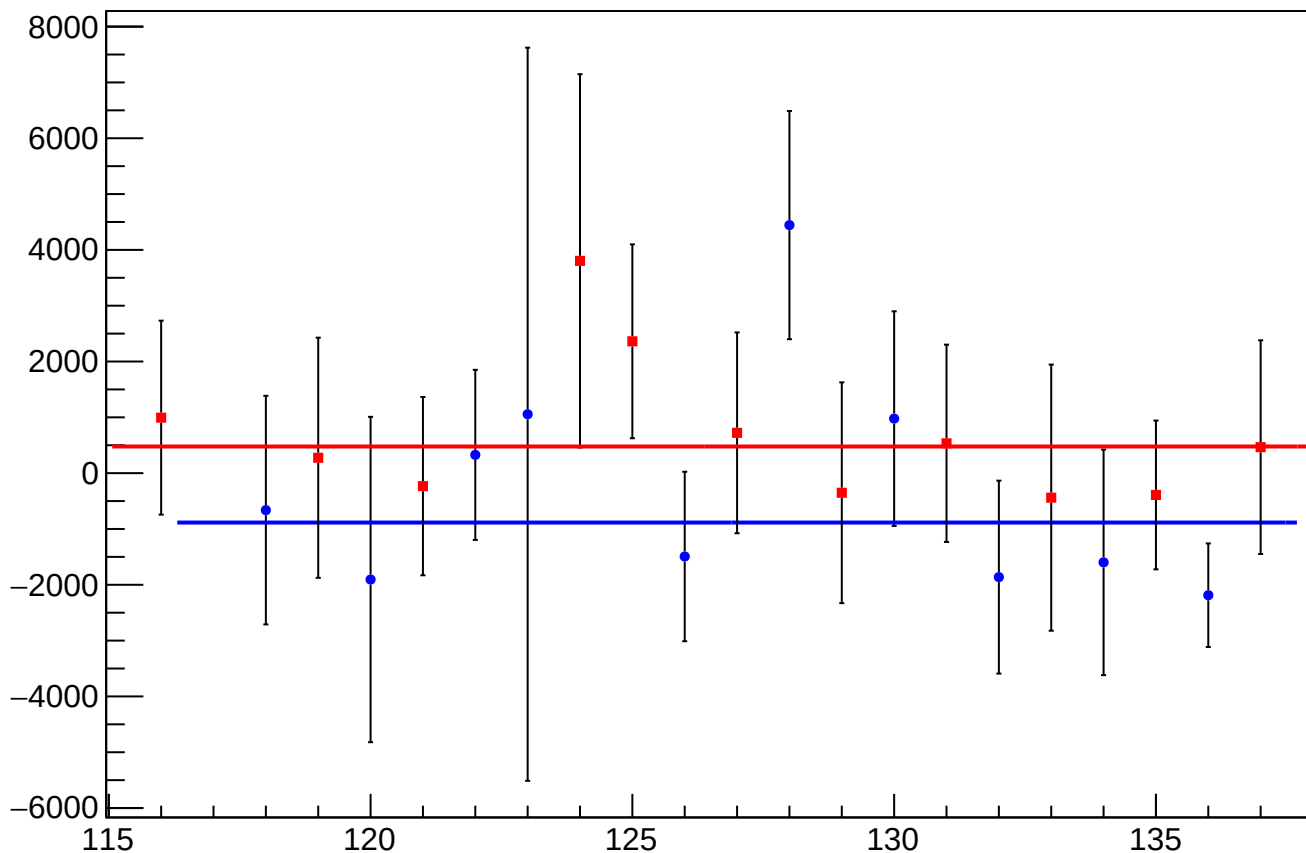
Right: 70.619+/-0.018 χ^2/NDF : 175680.9/20

In: 70.518+/-0.025 χ^2/NDF : 61796.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.619+/-0.018 χ^2/NDF : 175680.9/20

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -884.708+/-534.900 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.649+/-554.114 χ^2/NDF : 3.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

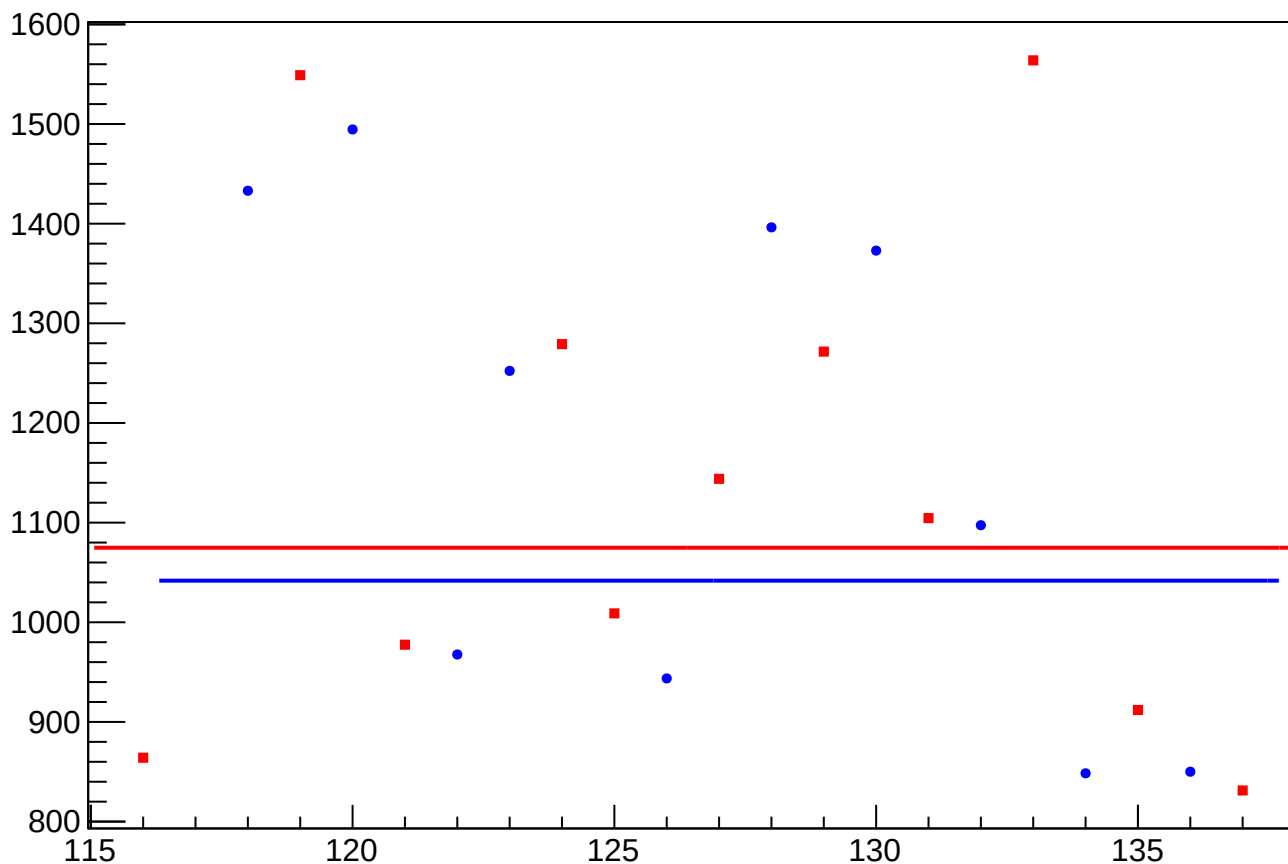
Right: -227.559+/-384.845 χ^2/NDF : 17.5/20

In: -884.708+/-534.900 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.559+/-384.845 χ^2/NDF : 17.5/20

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 1041.759+/-0.378 χ^2/NDF : 361735.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.822+/-0.392 χ^2/NDF : 314067.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

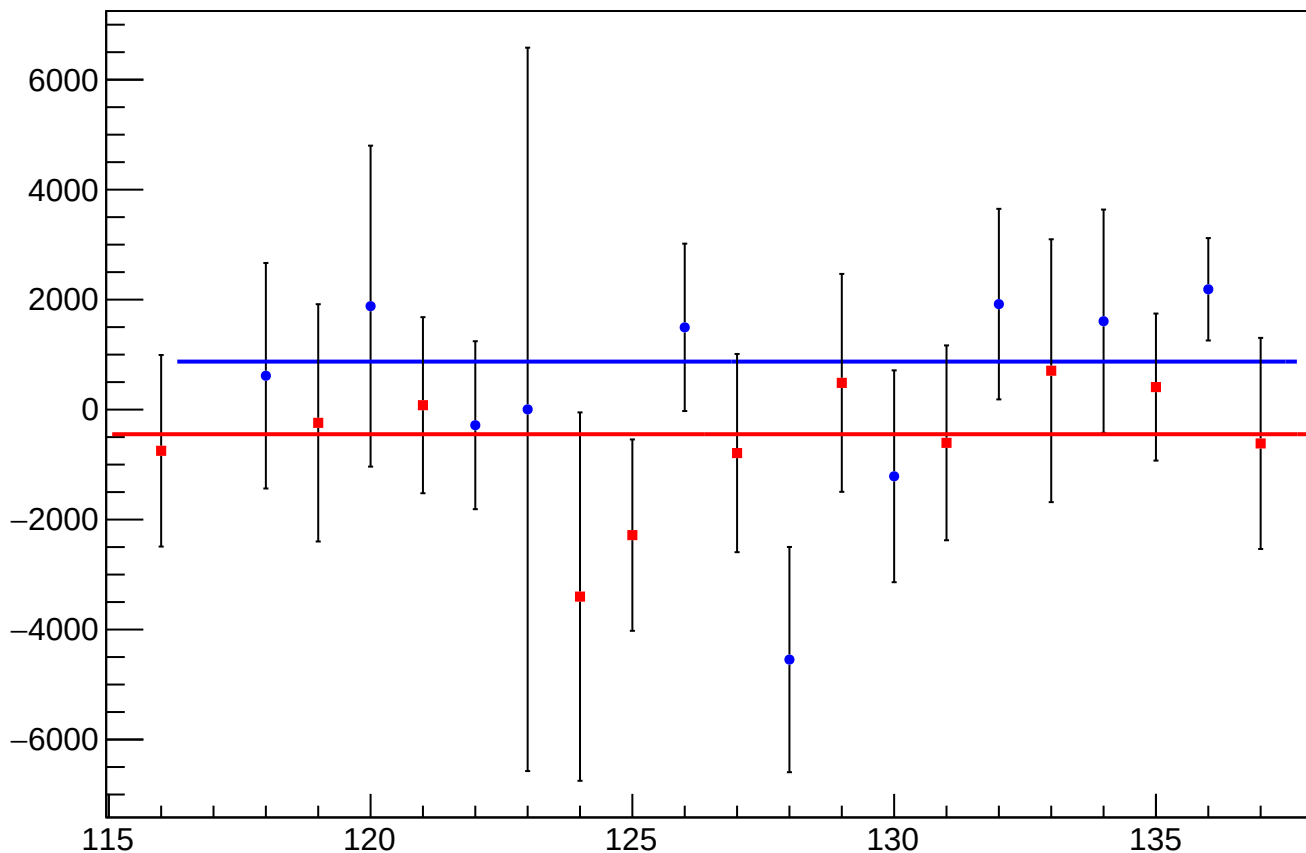
Right: 1057.708+/-0.272 χ^2/NDF : 679488.3/20

In: 1041.759+/-0.378 χ^2/NDF : 361735.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.708+/-0.272 χ^2/NDF : 679488.3/20

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 873.037 $\pm$ 536.347 χ^2 /NDF: 11.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -447.479 $\pm$ 555.490 χ^2 /NDF: 3.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

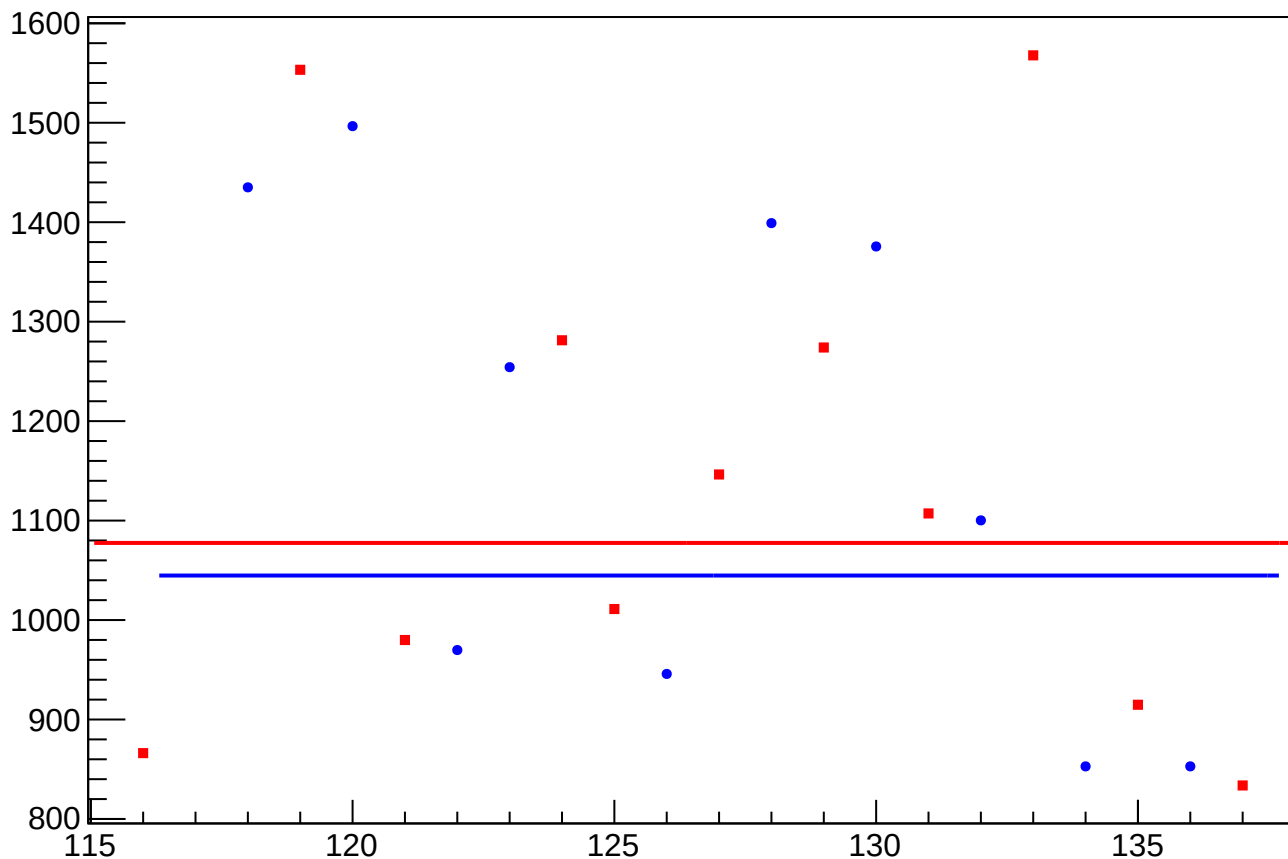
Right: 235.925 $\pm$ 385.845 χ^2 /NDF: 17.4/20

In: 873.037 $\pm$ 536.347 χ^2 /NDF:11.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 235.925 $\pm$ 385.845 χ^2 /NDF: 17.4/20

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1044.760+/-0.379 χ^2/NDF : 359408.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1077.532+/-0.393 χ^2/NDF : 313595.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

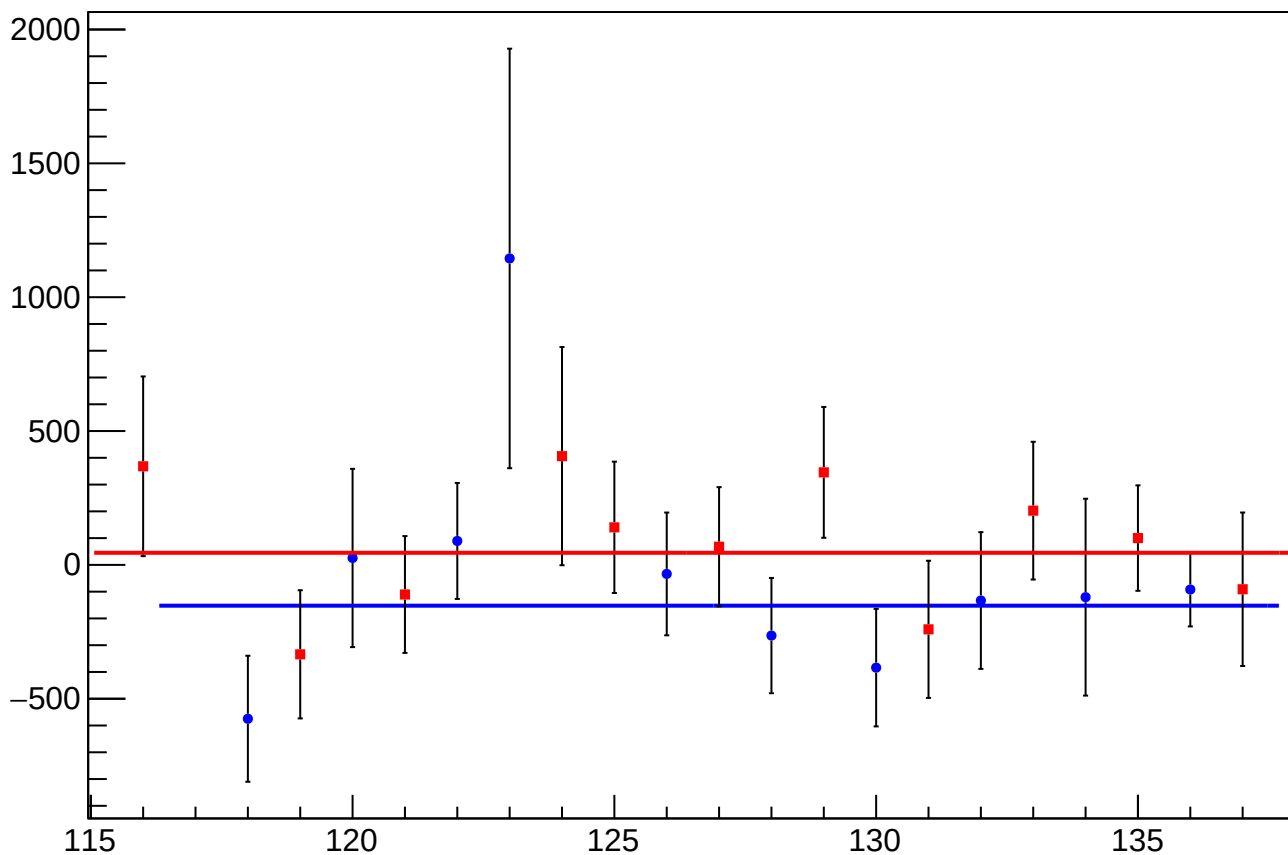
Right: 1060.571+/-0.273 χ^2/NDF : 676607.3/20

In: 1044.760+/-0.379 χ^2/NDF : 359408.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1060.571+/-0.273 χ^2/NDF : 676607.3/20

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -152.385+/-73.191 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.222+/-75.560 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

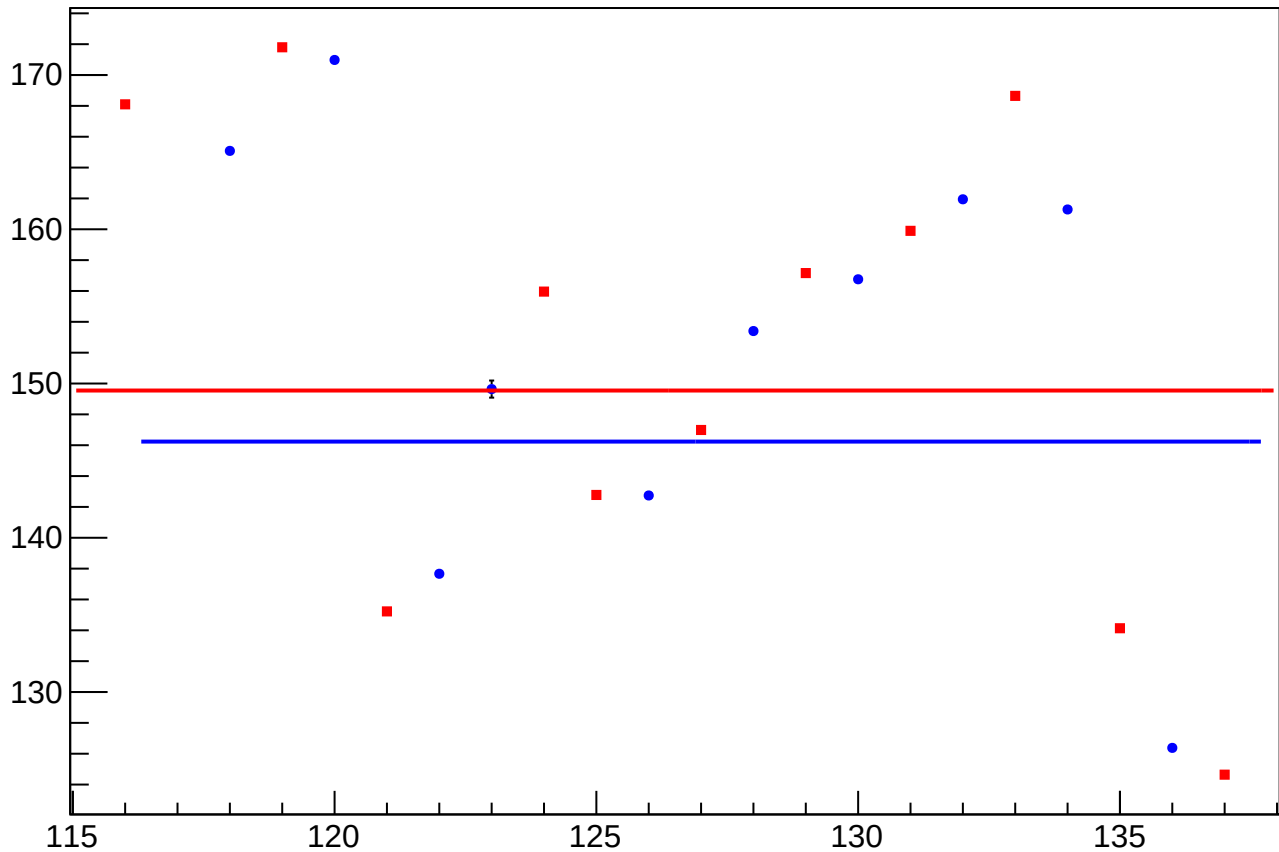
Right: -56.727+/-52.571 χ^2/NDF : 21.2/20

In: -152.385+/-73.191 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.727+/-52.571 χ^2/NDF : 21.2/20

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 146.236+/-0.052 χ^2/NDF : 86700.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.546+/-0.053 χ^2/NDF : 77847.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

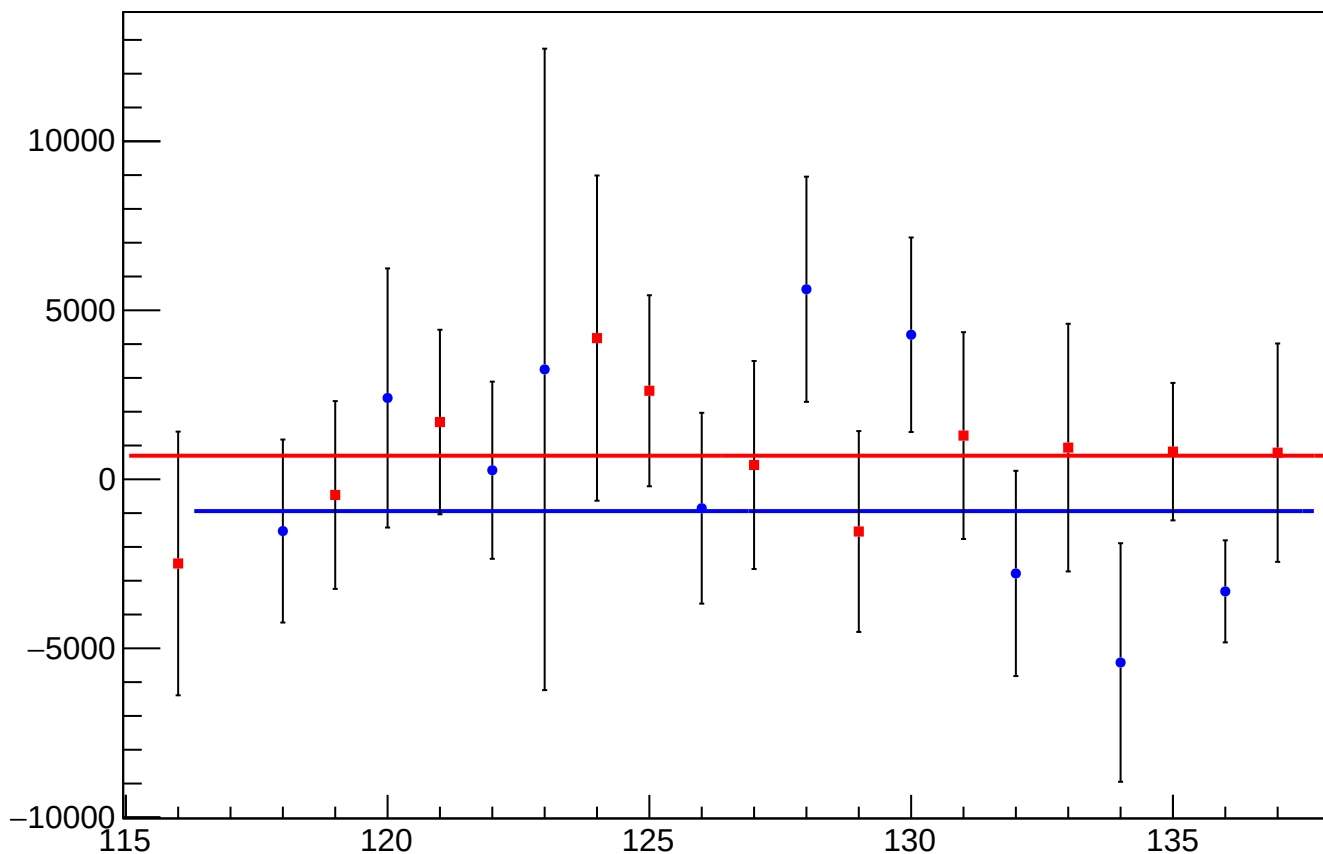
Right: 147.838+/-0.037 χ^2/NDF : 166528.9/20

In: 146.236+/-0.052 χ^2/NDF : 86700.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.838+/-0.037 χ^2/NDF : 166528.9/20

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -940.102 $\pm$ 868.658 χ^2 /NDF: 12.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 699.169 $\pm$ 899.478 χ^2 /NDF: 2.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

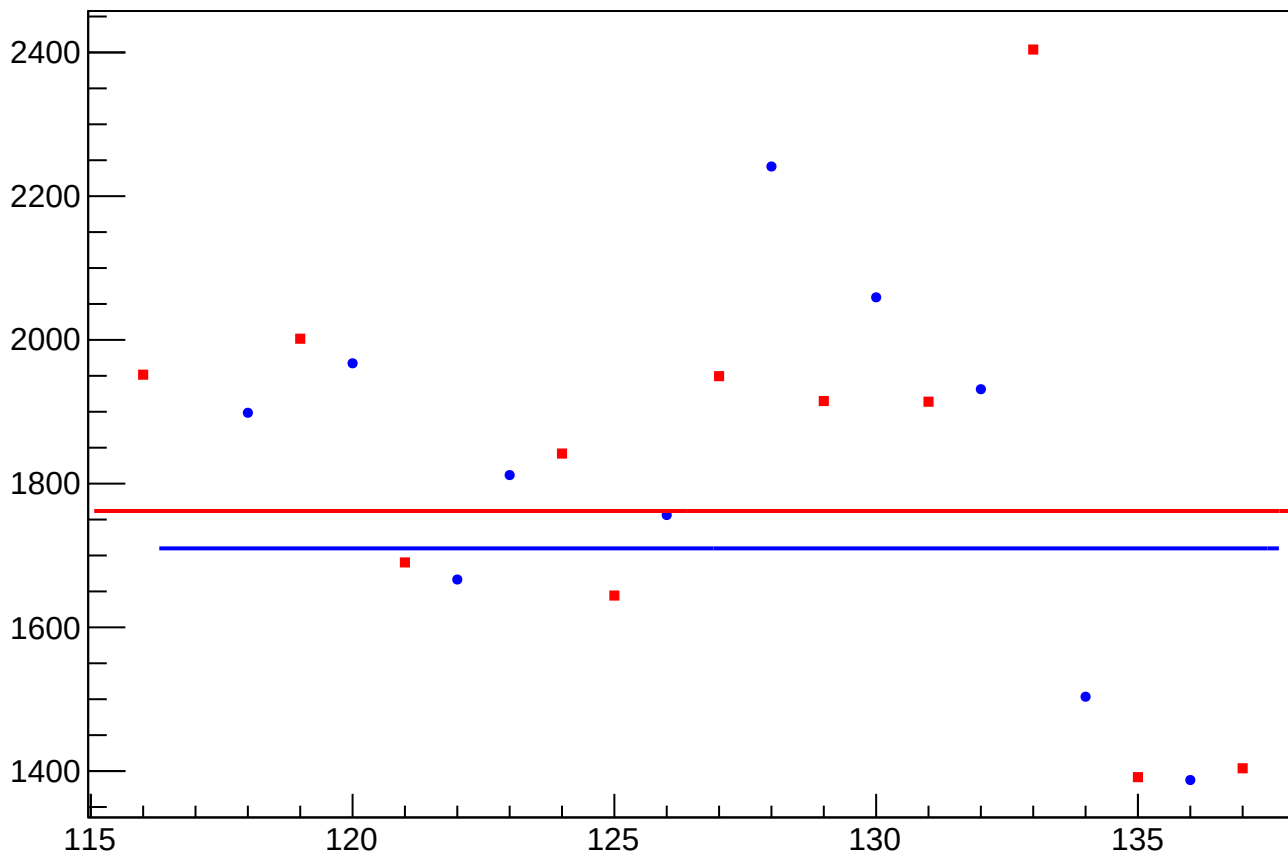
Right: -149.032 $\pm$ 624.846 χ^2 /NDF: 17.1/20

In: -940.102 $\pm$ 868.658 χ^2 /NDF:12.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -149.032 $\pm$ 624.846 χ^2 /NDF: 17.1/20

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1709.894+/-0.614 χ^2/NDF : 209131.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1761.919+/-0.636 χ^2/NDF : 195069.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

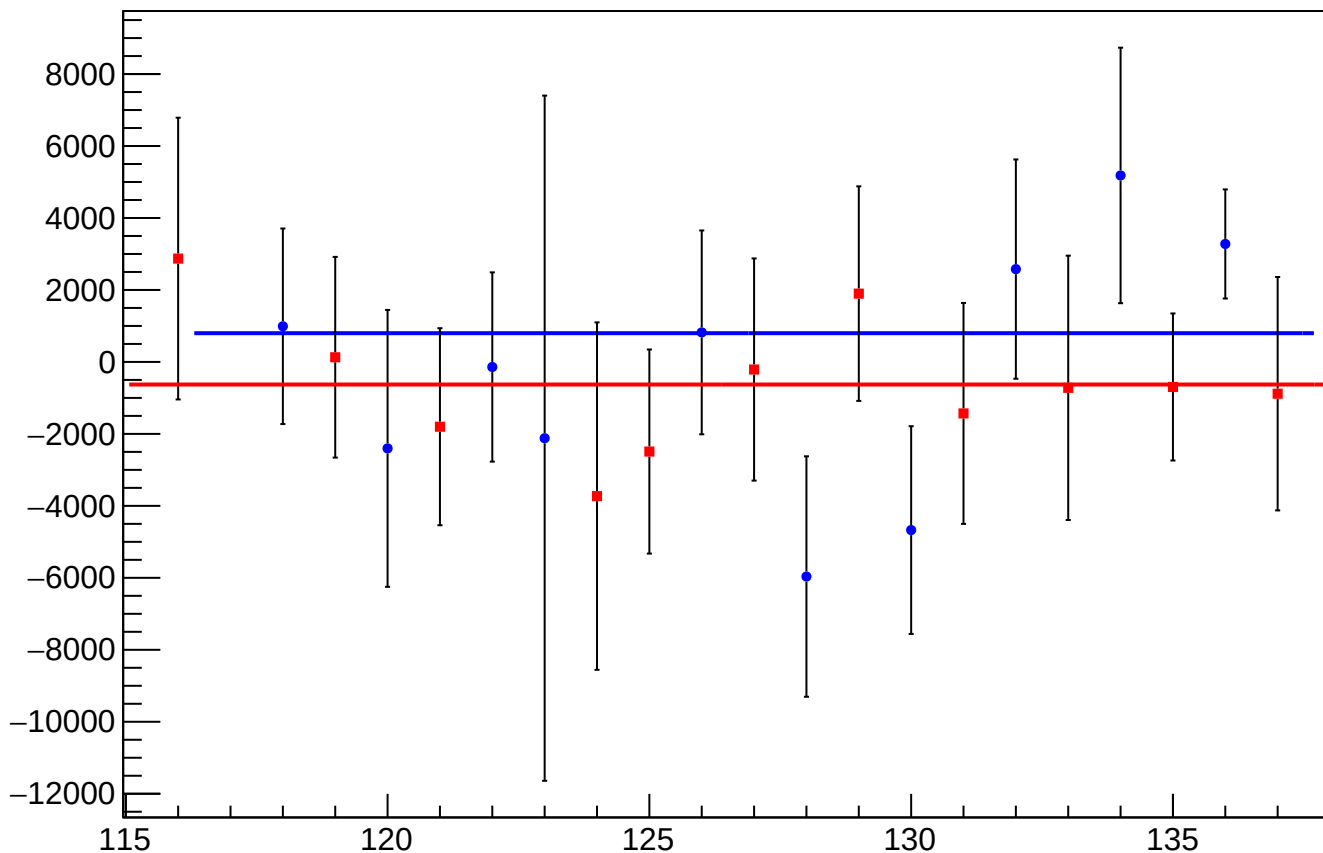
Right: 1735.000+/-0.442 χ^2/NDF : 407662.5/20

In: 1709.894+/-0.614 χ^2/NDF : 209131.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.000+/-0.442 χ^2/NDF : 407662.5/20

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 798.596+/-872.061 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -628.055+/-902.897 χ^2/NDF : 2.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

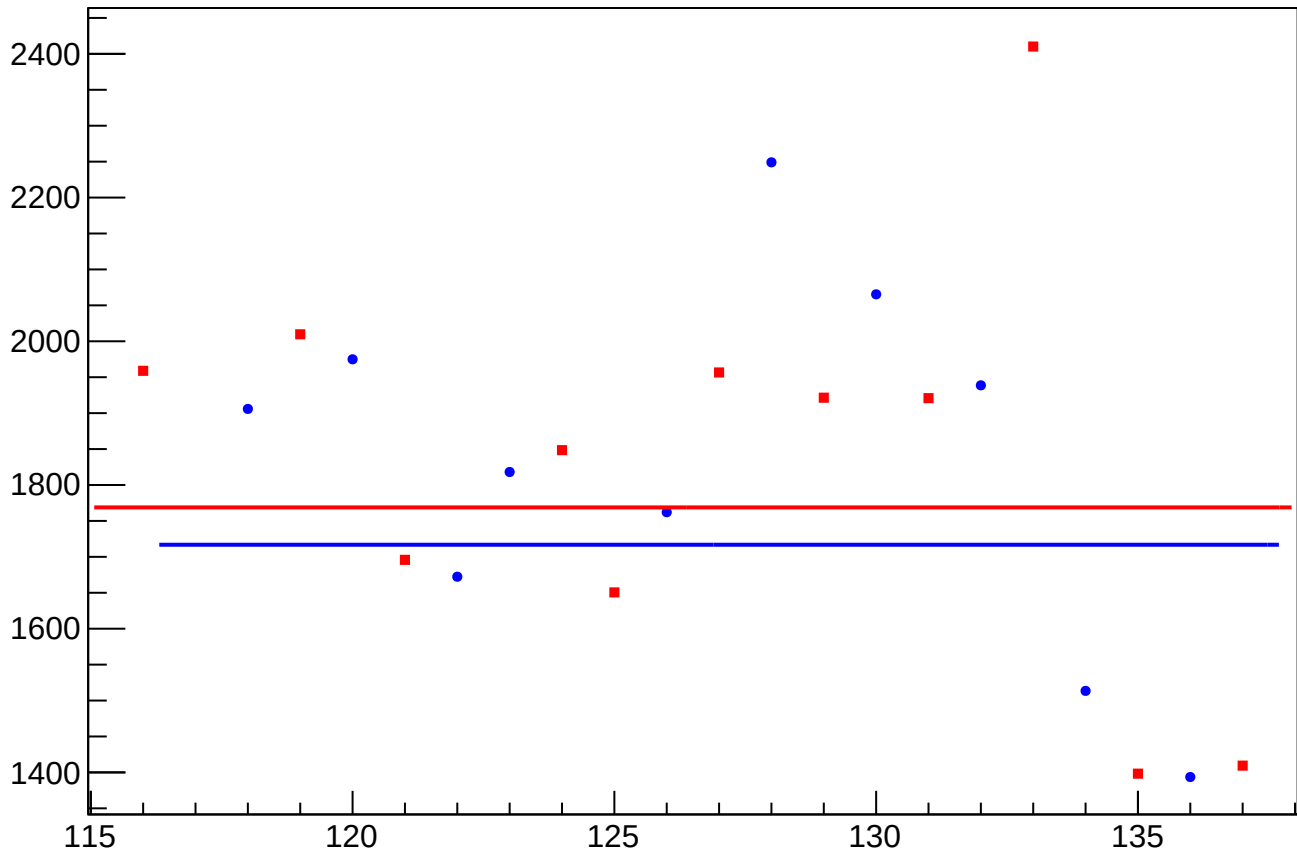
Right: 110.048+/-627.258 χ^2/NDF : 17.2/20

In: 798.596+/-872.061 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.048+/-627.258 χ^2/NDF : 17.2/20

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1716.836+/-0.617 χ^2/NDF : 207984.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1768.799+/-0.638 χ^2/NDF : 193955.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

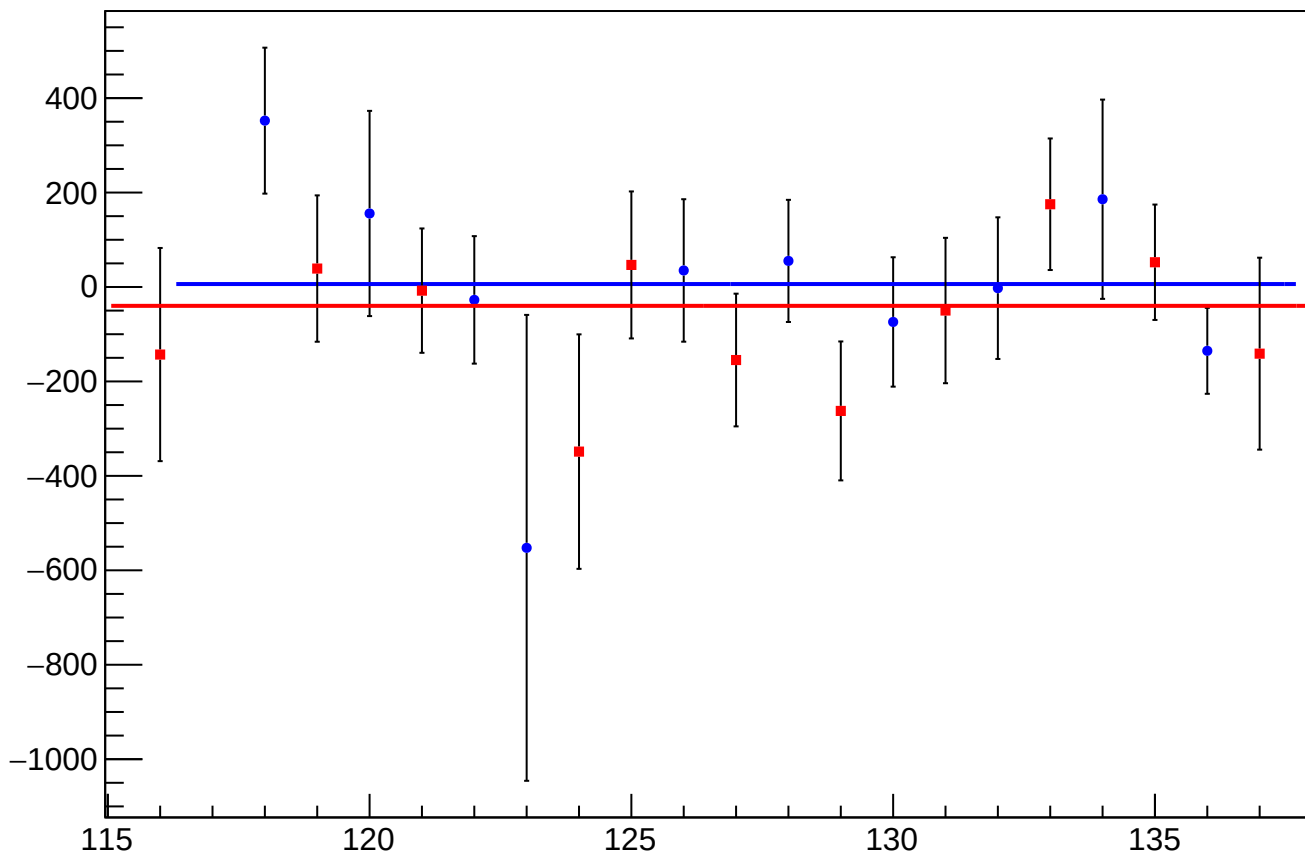
Right: 1741.915+/-0.444 χ^2/NDF : 405367.2/20

In: 1716.836+/-0.617 χ^2/NDF : 207984.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.915+/-0.444 χ^2/NDF : 405367.2/20

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 6.241+/-46.290 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.928+/-46.719 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

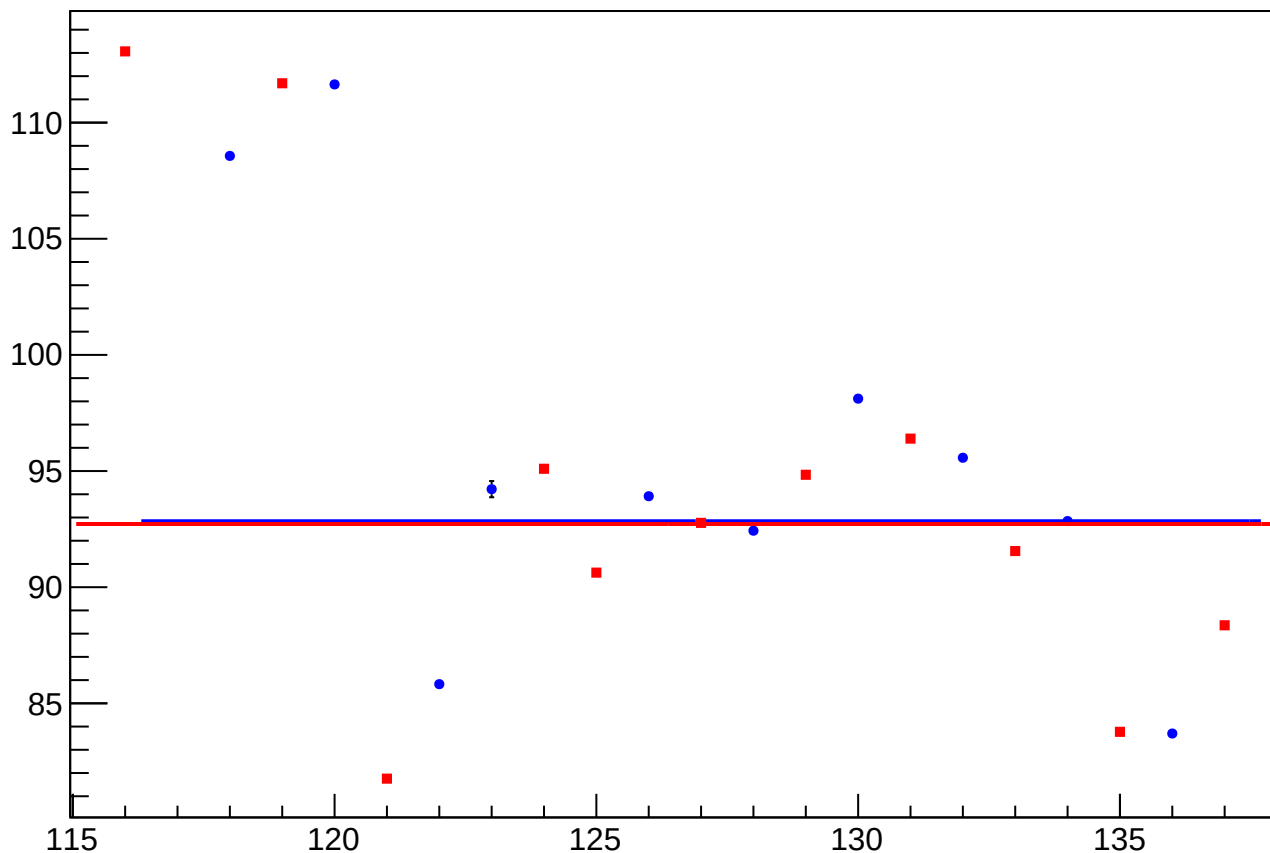
Right: -16.631+/-32.883 χ^2/NDF : 19.5/20

In: 6.241+/-46.290 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.631+/-32.883 χ^2/NDF : 19.5/20

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.839+/-0.033 χ^2/NDF : 65031.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.720+/-0.033 χ^2/NDF : 73964.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

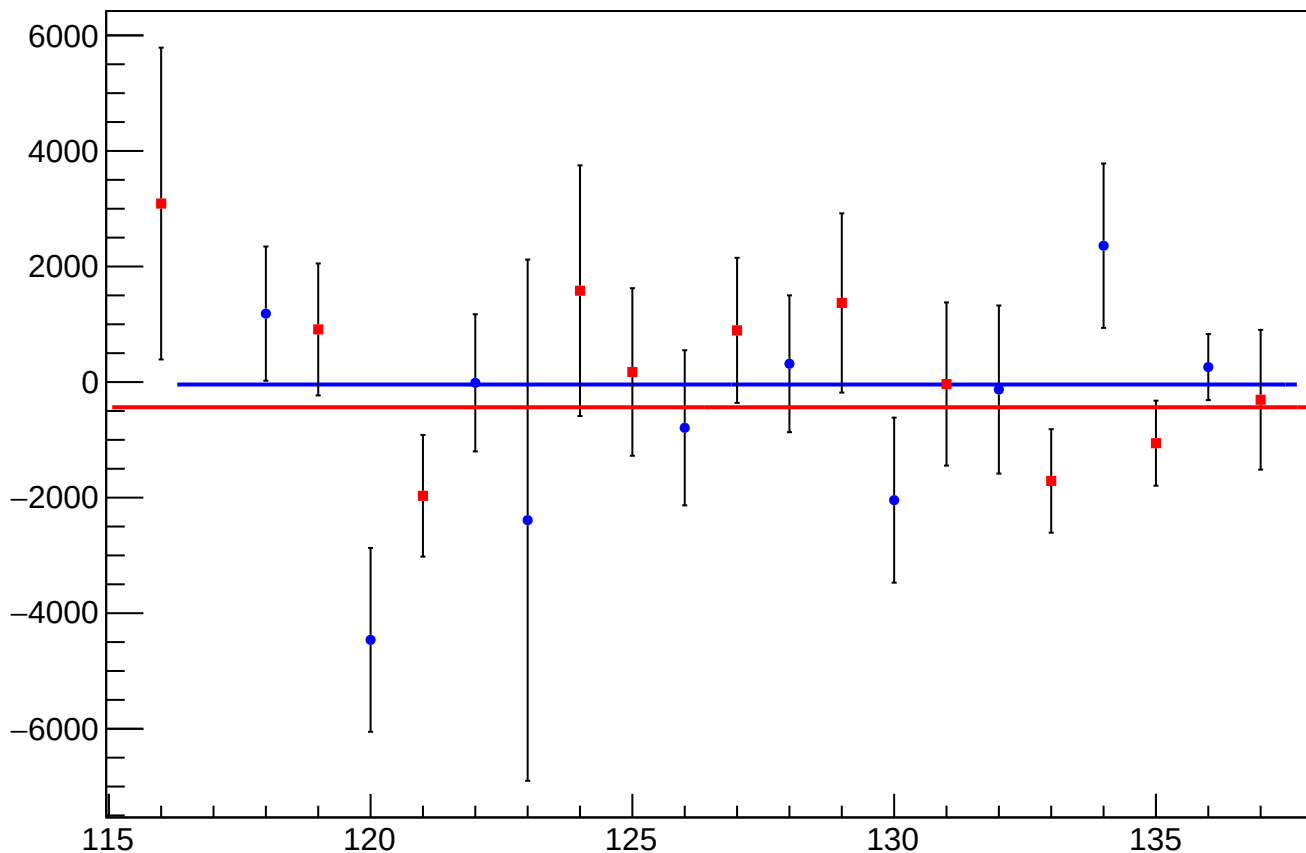
Right: 92.780+/-0.023 χ^2/NDF : 139002.0/20

In: 92.839+/-0.033 χ^2/NDF : 65031.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.780+/-0.023 χ^2/NDF : 139002.0/20

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -42.422+/-360.752 χ^2/NDF : 14.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -435.538+/-357.557 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

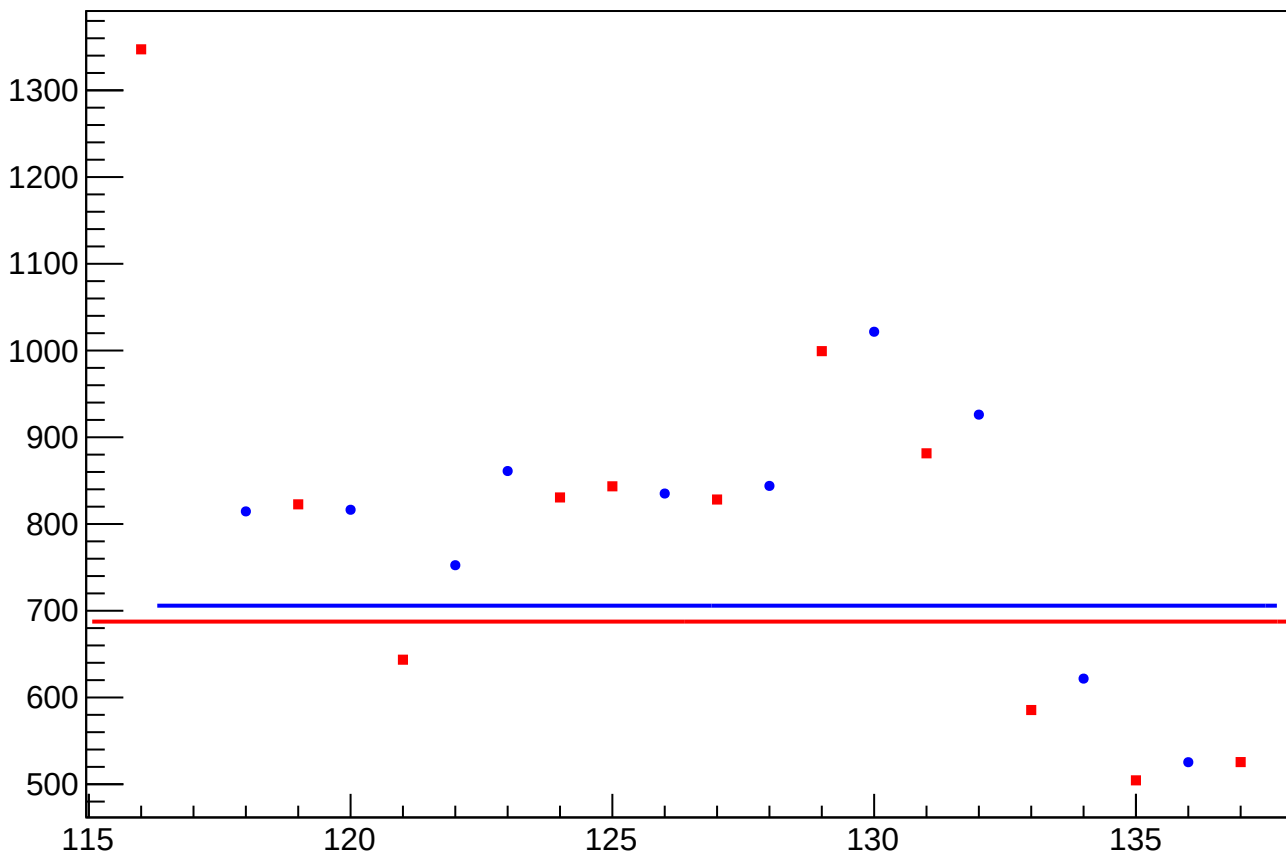
Right: -240.728+/-253.953 χ^2/NDF : 26.8/20

In: -42.422+/-360.752 χ^2/NDF :14.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -240.728+/-253.953 χ^2/NDF : 26.8/20

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 705.849+/-0.255 χ^2/NDF : 428509.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.497+/-0.253 χ^2/NDF : 512065.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

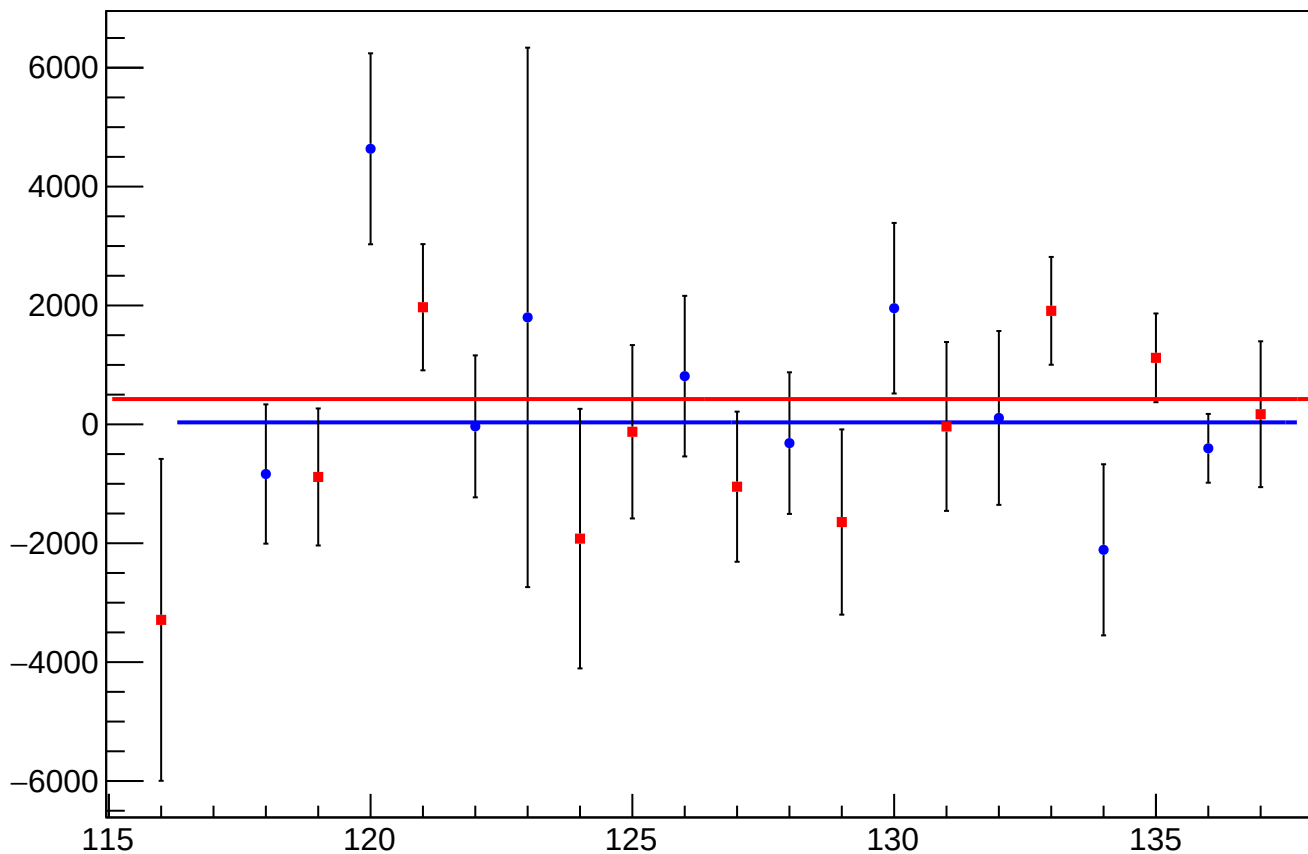
Right: 696.591+/-0.180 χ^2/NDF : 943186.4/20

In: 705.849+/-0.255 χ^2/NDF : 428509.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.591+/-0.180 χ^2/NDF : 943186.4/20

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 33.453+/-364.162 χ^2/NDF : 13.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.807+/-361.174 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

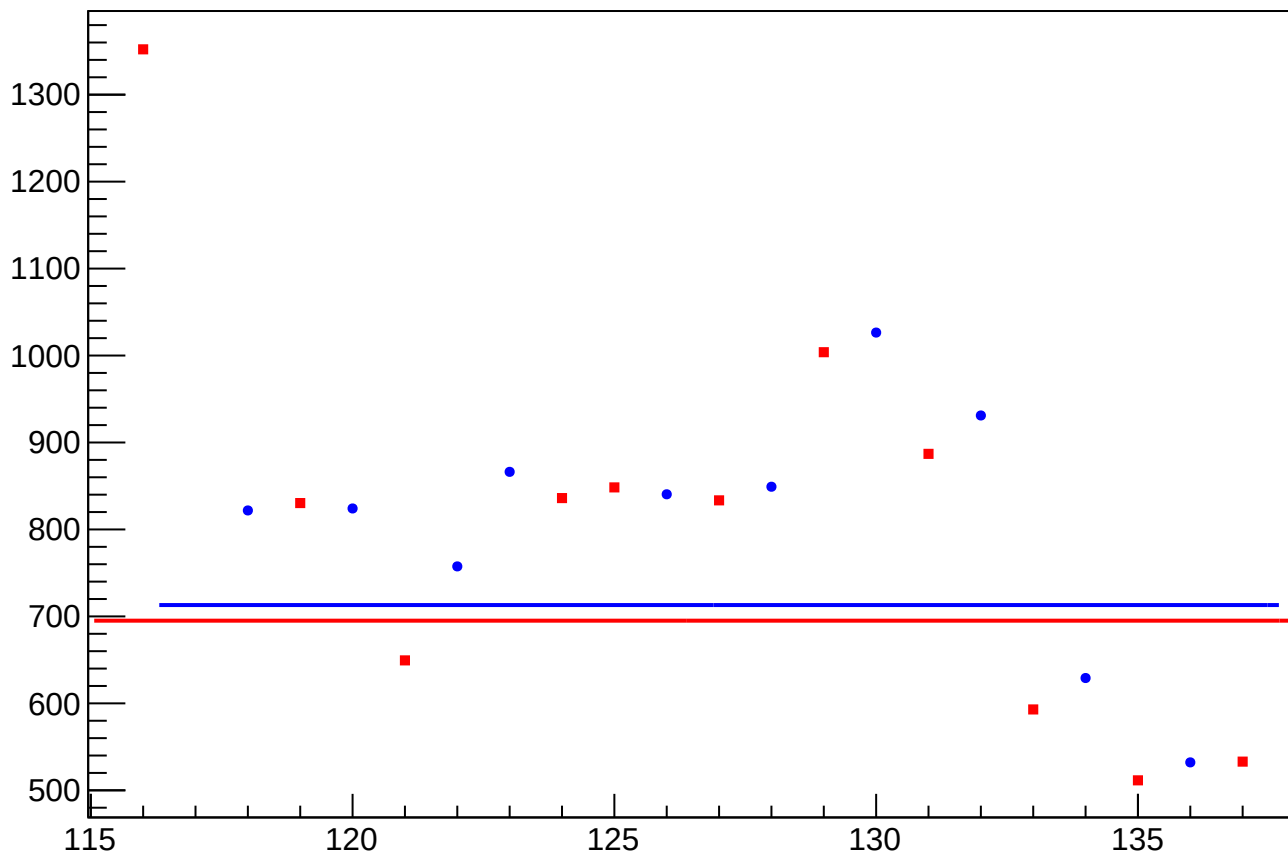
Right: 231.247+/-256.438 χ^2/NDF : 27.9/20

In: 33.453+/-364.162 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.247+/-256.438 χ^2/NDF : 27.9/20

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 713.056+/-0.258 χ^2/NDF : 417887.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.096+/-0.255 χ^2/NDF : 499768.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

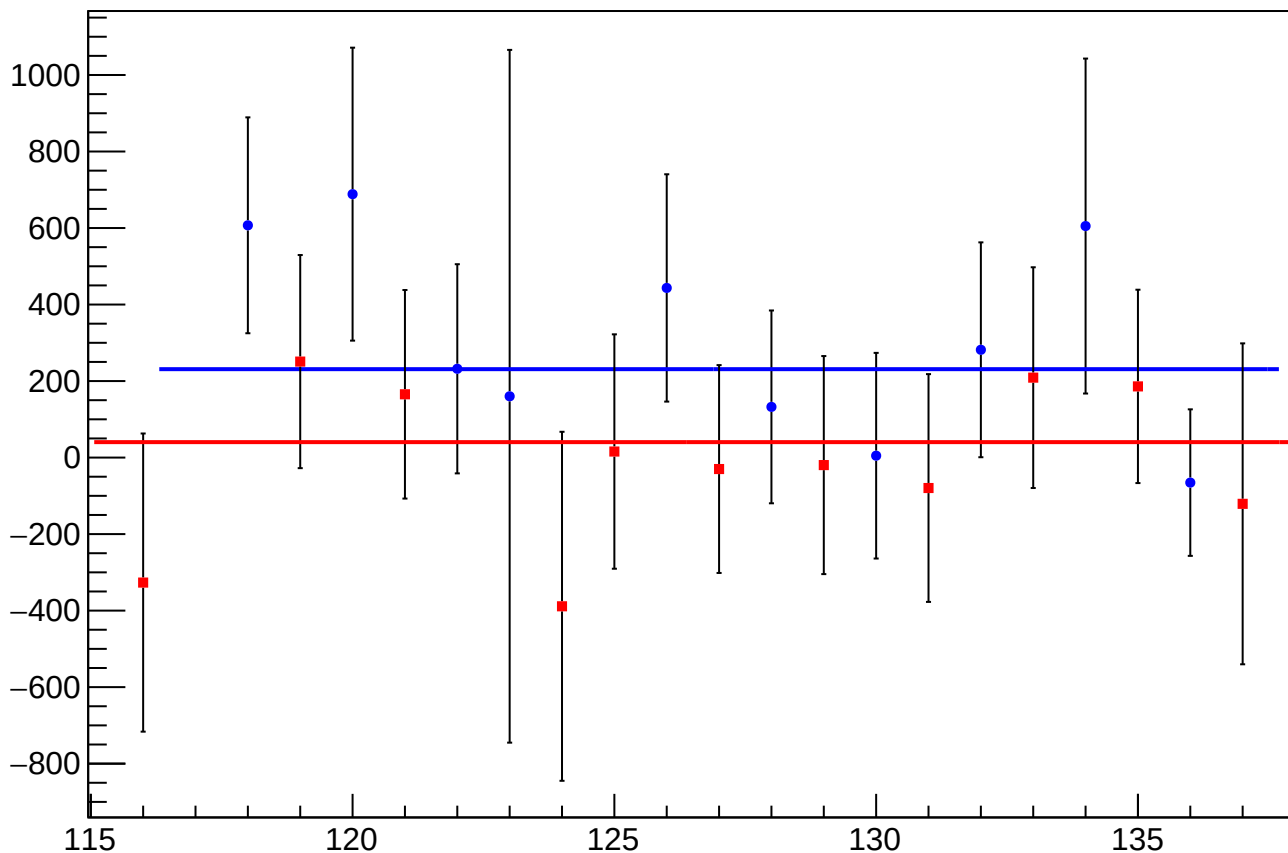
Right: 704.002+/-0.181 χ^2/NDF : 920109.2/20

In: 713.056+/-0.258 χ^2/NDF : 417887.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.002+/-0.181 χ^2/NDF : 920109.2/20

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 231.105 $\pm$ 91.259 χ^2 /NDF: 7.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.377 $\pm$ 91.705 χ^2 /NDF: 3.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

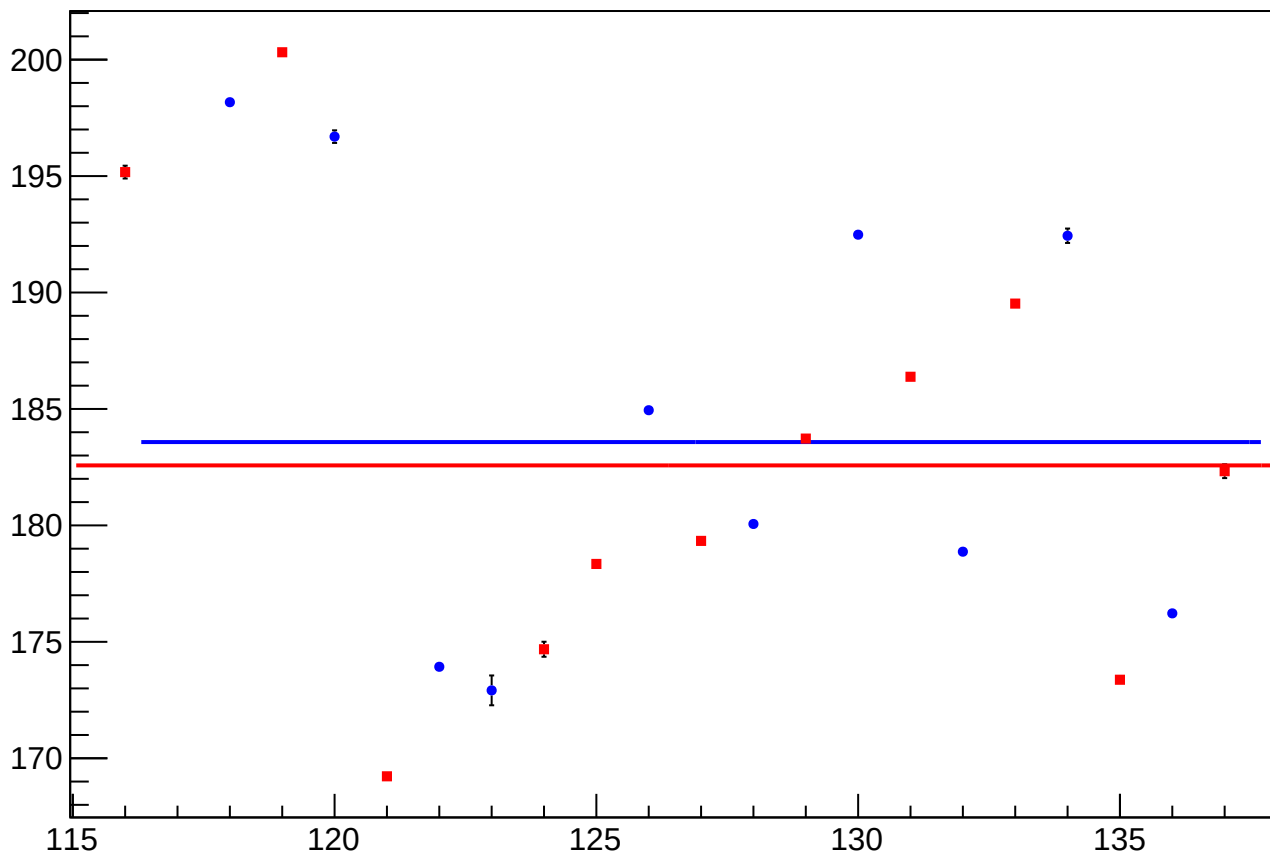
Right: 136.206 $\pm$ 64.687 χ^2 /NDF: 13.6/20

In: 231.105 $\pm$ 91.259 χ^2 /NDF:7.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.206 $\pm$ 64.687 χ^2 /NDF: 13.6/20

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 183.578+/-0.065 χ^2/NDF : 17426.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.576+/-0.065 χ^2/NDF : 20441.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

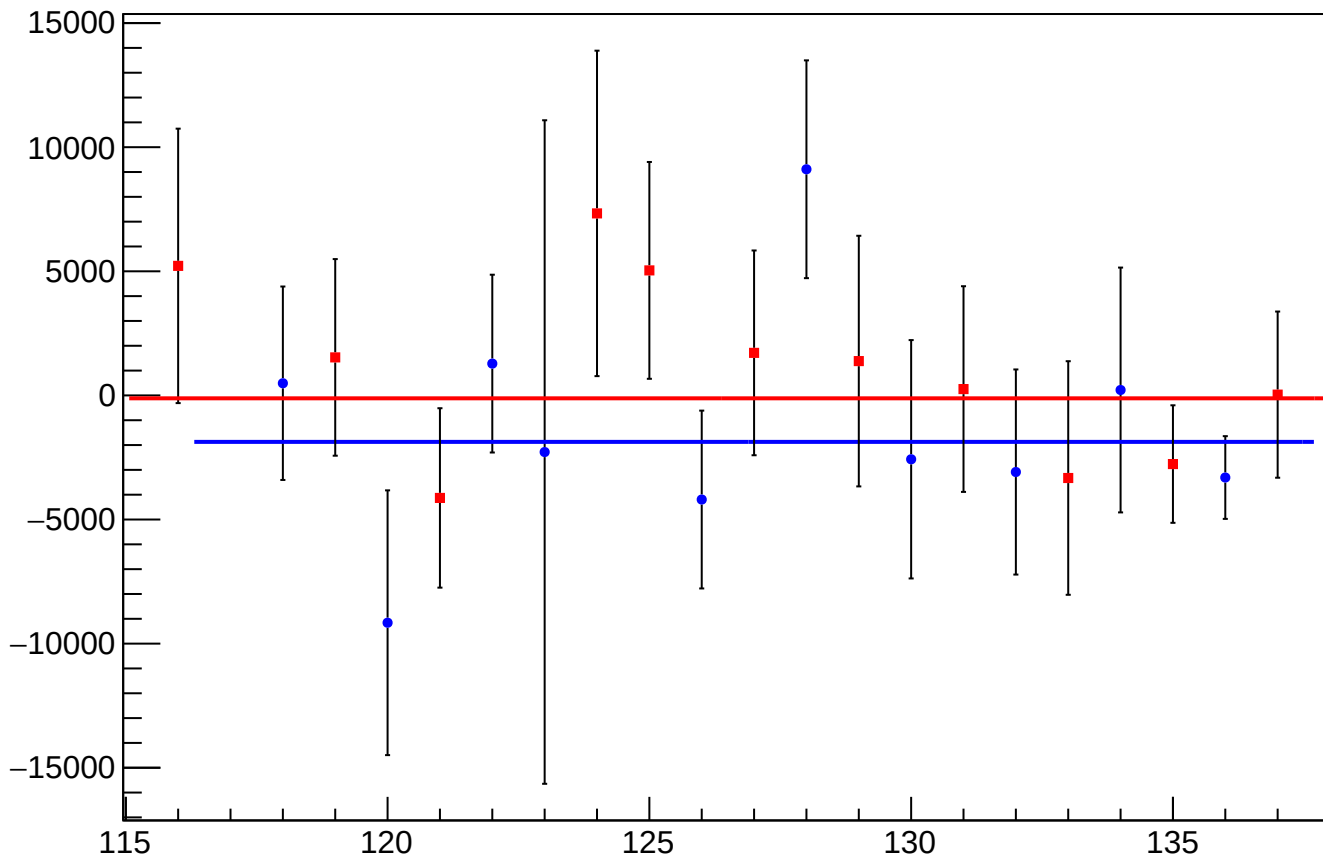
Right: 183.080+/-0.046 χ^2/NDF : 37988.3/20

In: 183.578+/-0.065 χ^2/NDF : 17426.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.080+/-0.046 χ^2/NDF : 37988.3/20

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1872.162+/-1105.913 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.311+/-1180.311 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

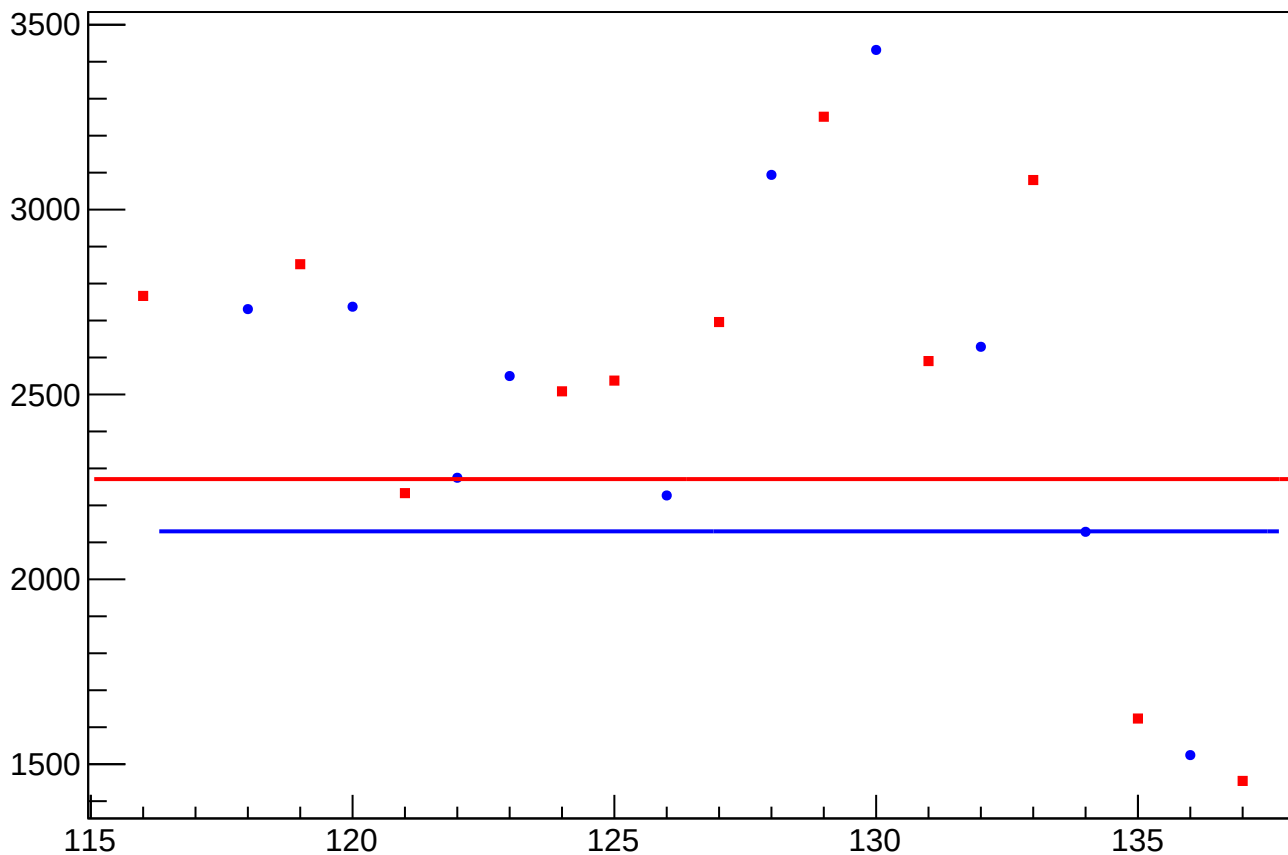
Right: -1051.782+/-807.019 χ^2/NDF : 18.9/20

In: -1872.162+/-1105.913 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1051.782+/-807.019 χ^2/NDF : 18.9/20

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2129.796+/-0.782 χ^2/NDF : 616920.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.115+/-0.835 χ^2/NDF : 505602.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

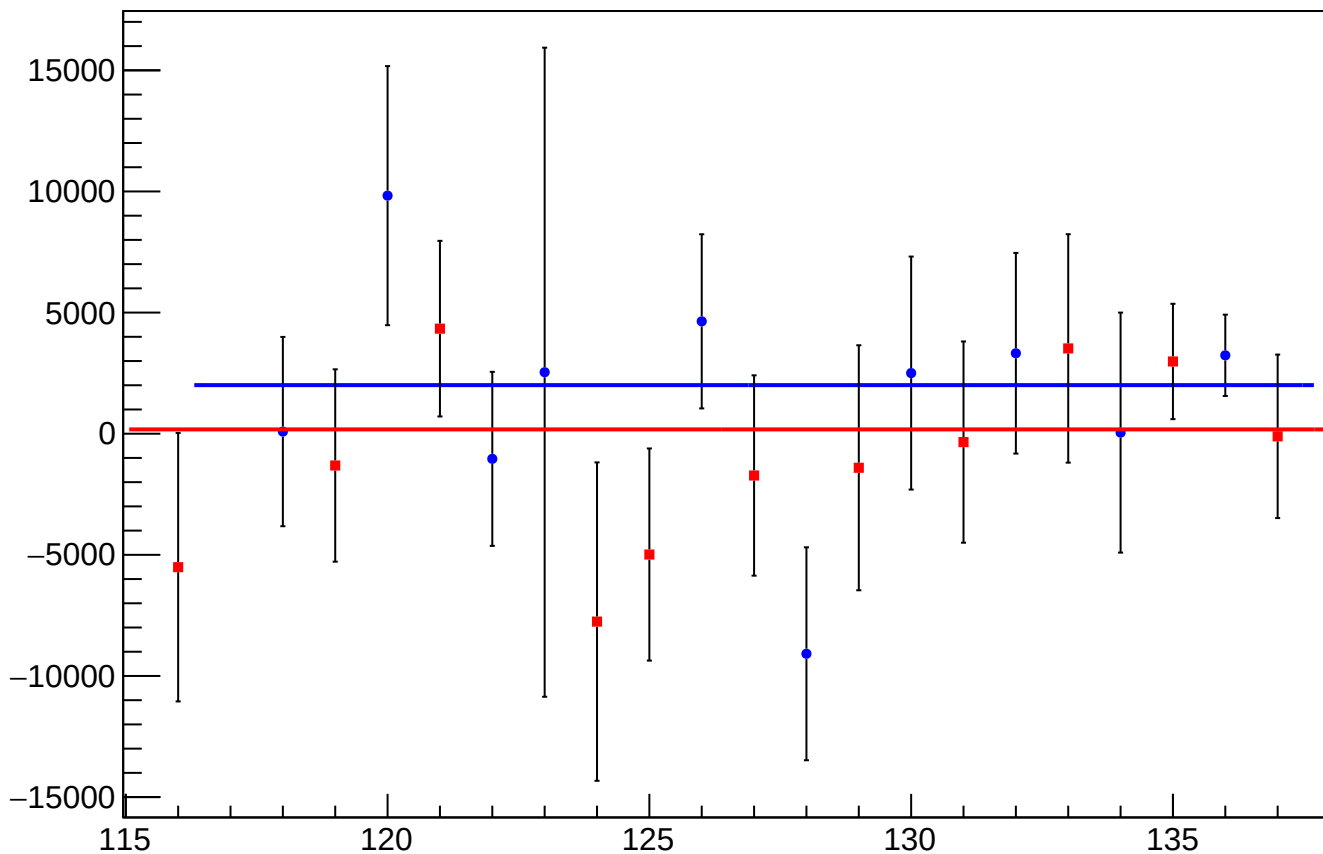
Right: 2195.861+/-0.571 χ^2/NDF : 1137790.7/20

In: 2129.796+/-0.782 χ^2/NDF : 616920.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.861+/-0.571 χ^2/NDF : 1137790.7/20

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2005.489+/-1111.083 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.737+/-1184.951 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

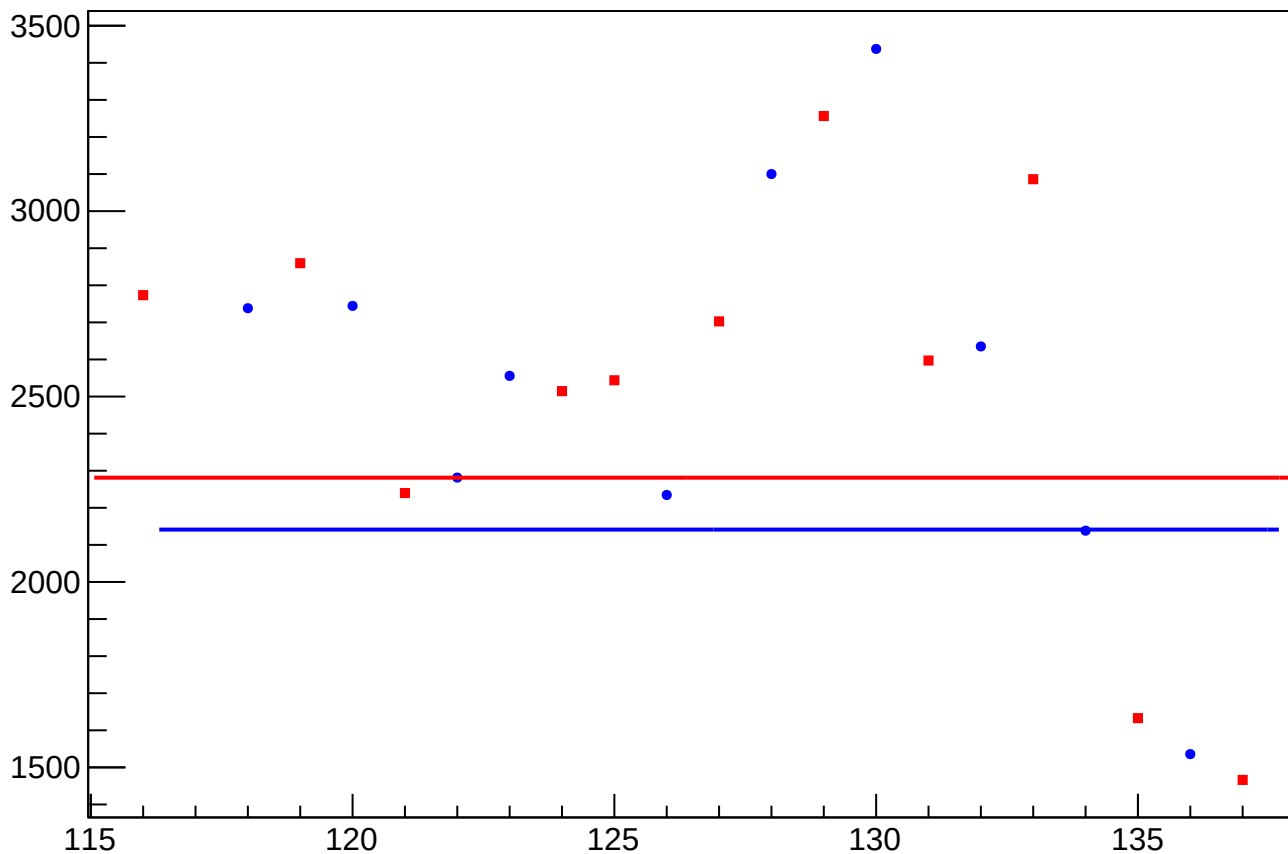
Right: 1150.355+/-810.511 χ^2/NDF : 19.7/20

In: 2005.489+/-1111.083 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.355+/-810.511 χ^2/NDF : 19.7/20

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2141.258+/-0.786 χ^2/NDF : 607657.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2281.235+/-0.838 χ^2/NDF : 498272.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

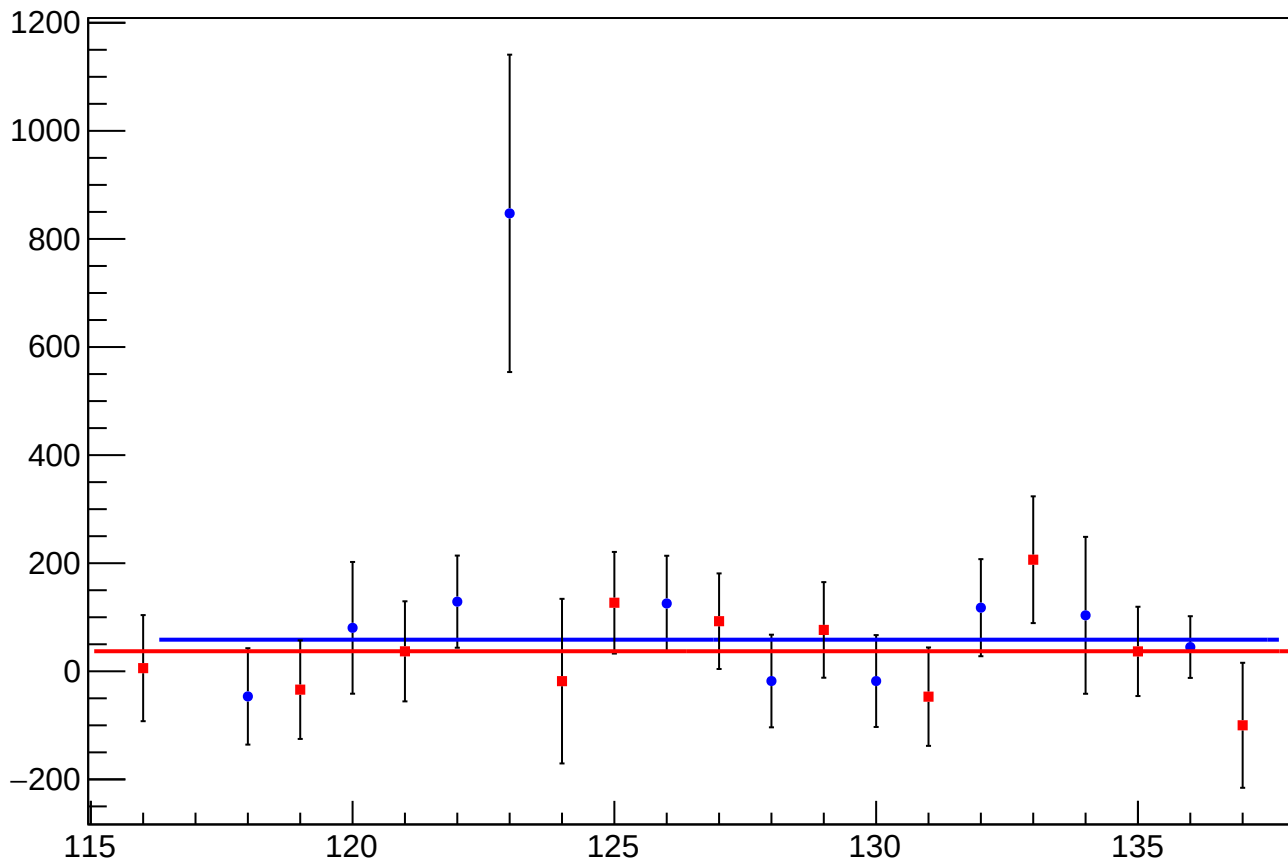
Right: 2206.748+/-0.573 χ^2/NDF : 1120781.4/20

In: 2141.258+/-0.786 χ^2/NDF : 607657.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.748+/-0.573 χ^2/NDF : 1120781.4/20

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 58.495 $\pm$ 28.590 χ^2 /NDF: 12.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.111 $\pm$ 29.271 χ^2 /NDF: 6.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

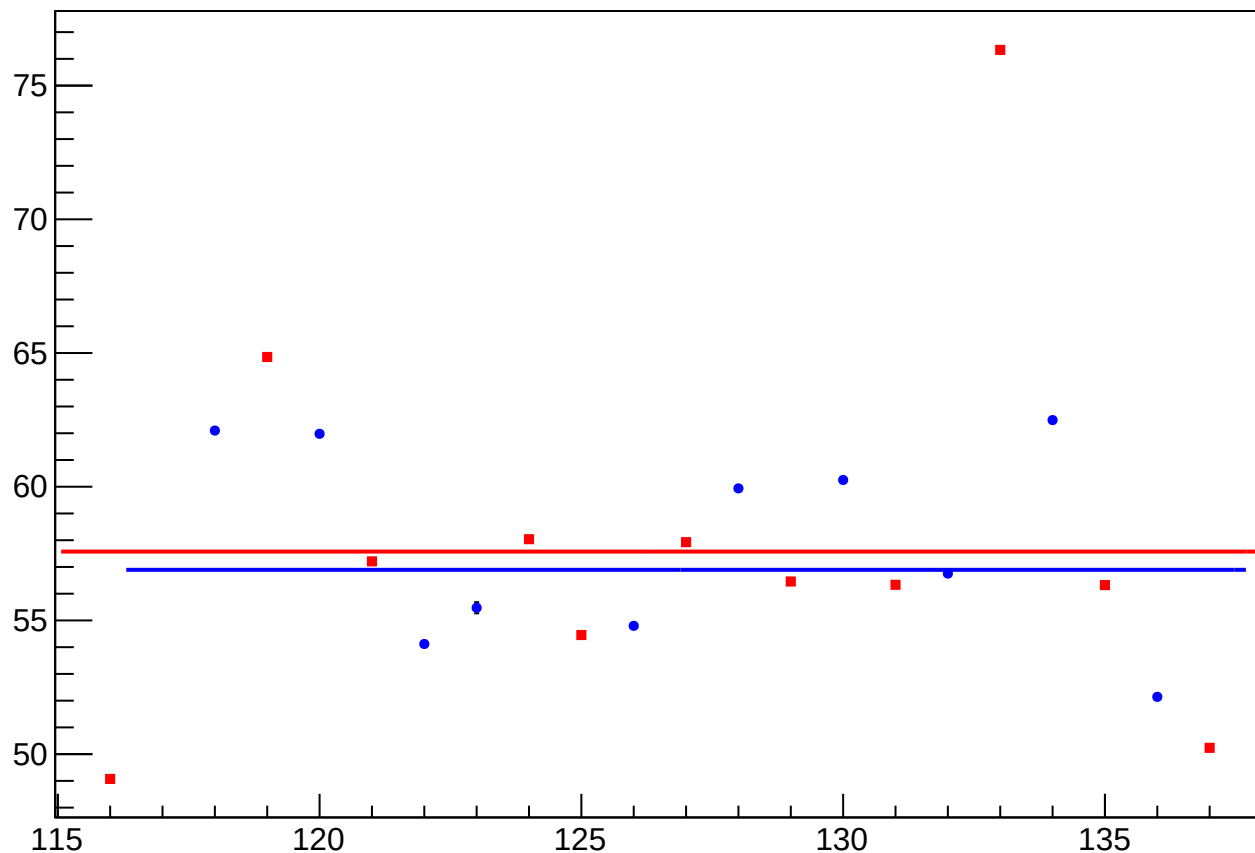
Right: 48.054 $\pm$ 20.453 χ^2 /NDF: 19.0/20

In: 58.495 $\pm$ 28.590 χ^2 /NDF: 12.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.054 $\pm$ 20.453 χ^2 /NDF: 19.0/20

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 56.893+/-0.020 χ^2/NDF : 36070.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.575+/-0.021 χ^2/NDF : 90390.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

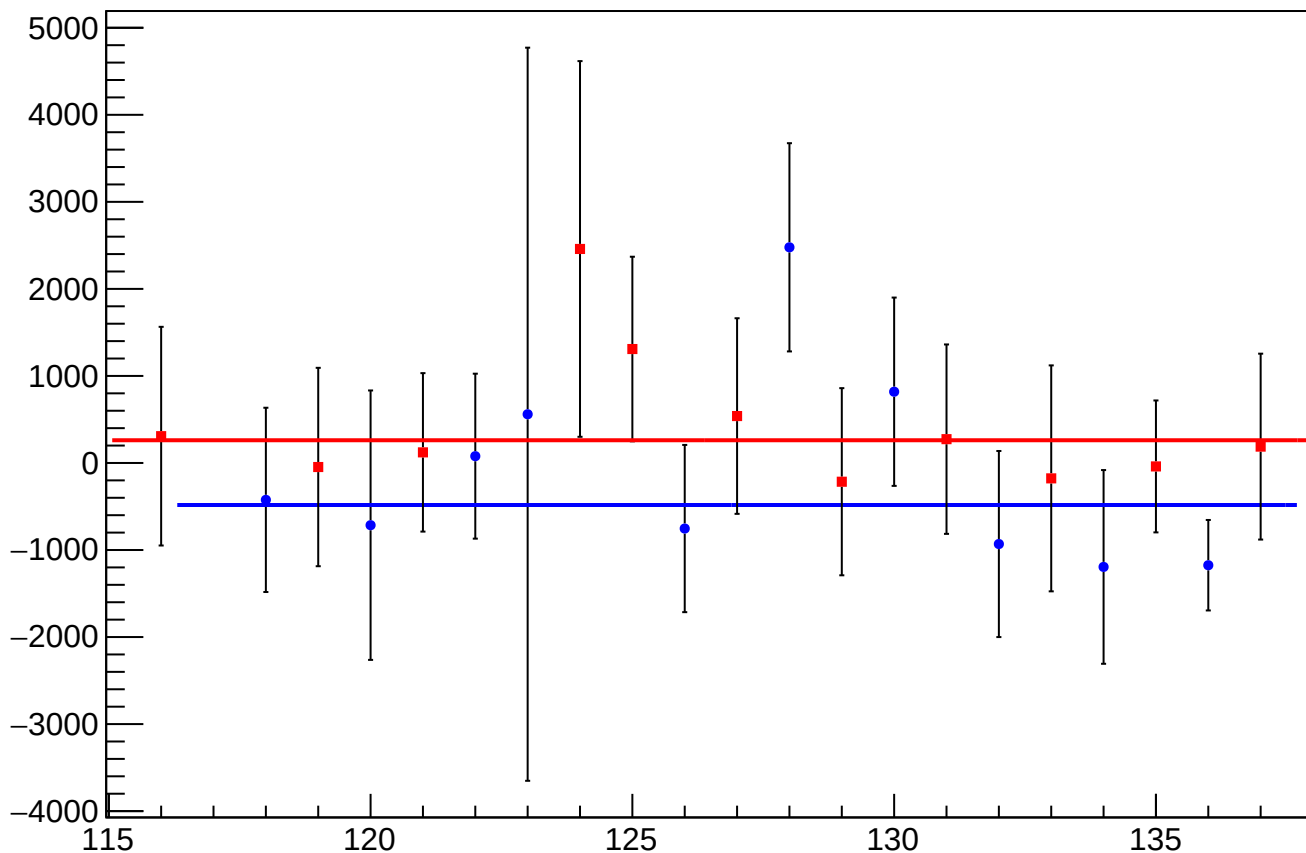
Right: 57.226+/-0.014 χ^2/NDF : 127017.4/20

In: 56.893+/-0.020 χ^2/NDF : 36070.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.226+/-0.014 χ^2/NDF : 127017.4/20

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -482.881+/-308.599 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.007+/-325.686 χ^2/NDF : 2.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

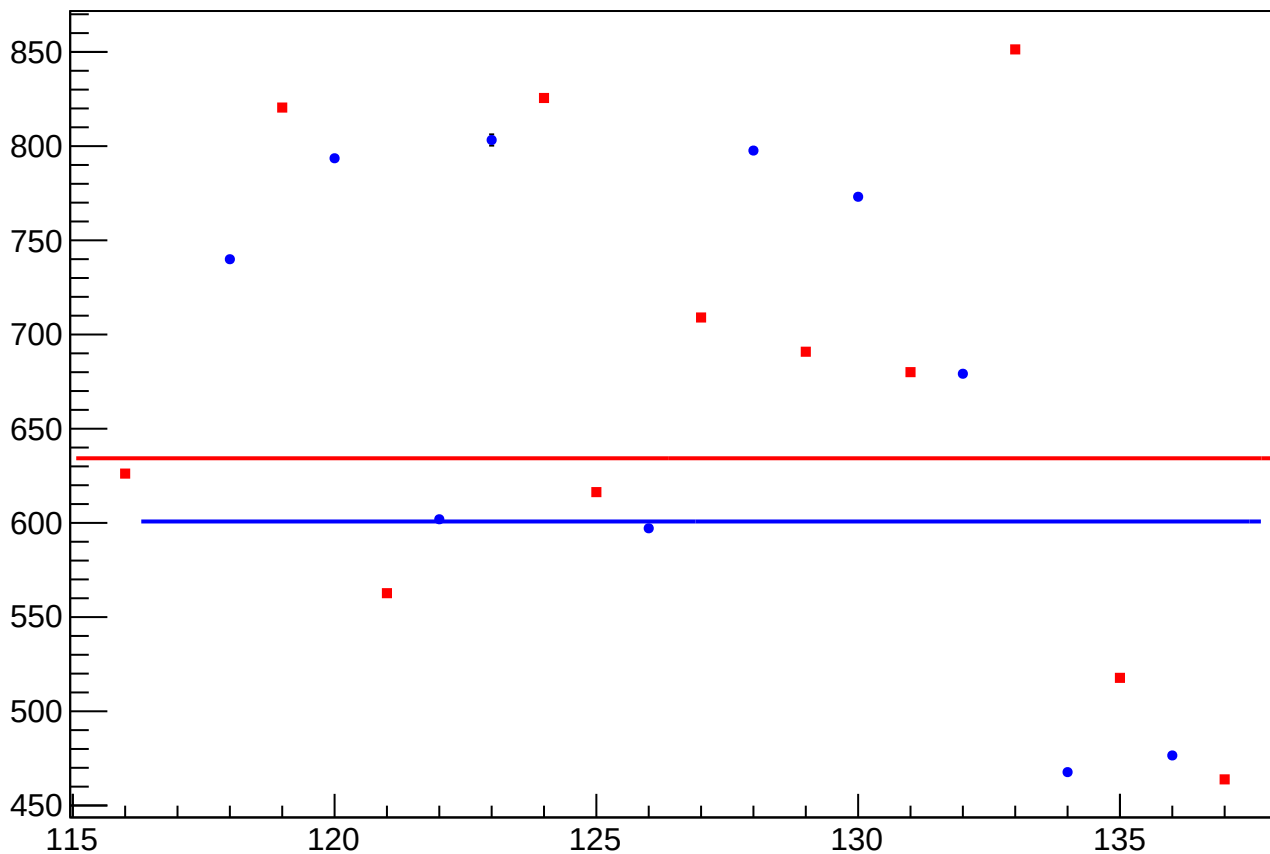
Right: -130.963+/-224.010 χ^2/NDF : 15.8/20

In: -482.881+/-308.599 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.963+/-224.010 χ^2/NDF : 15.8/20

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 600.755+/-0.218 χ^2/NDF : 328772.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.306+/-0.230 χ^2/NDF : 254197.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

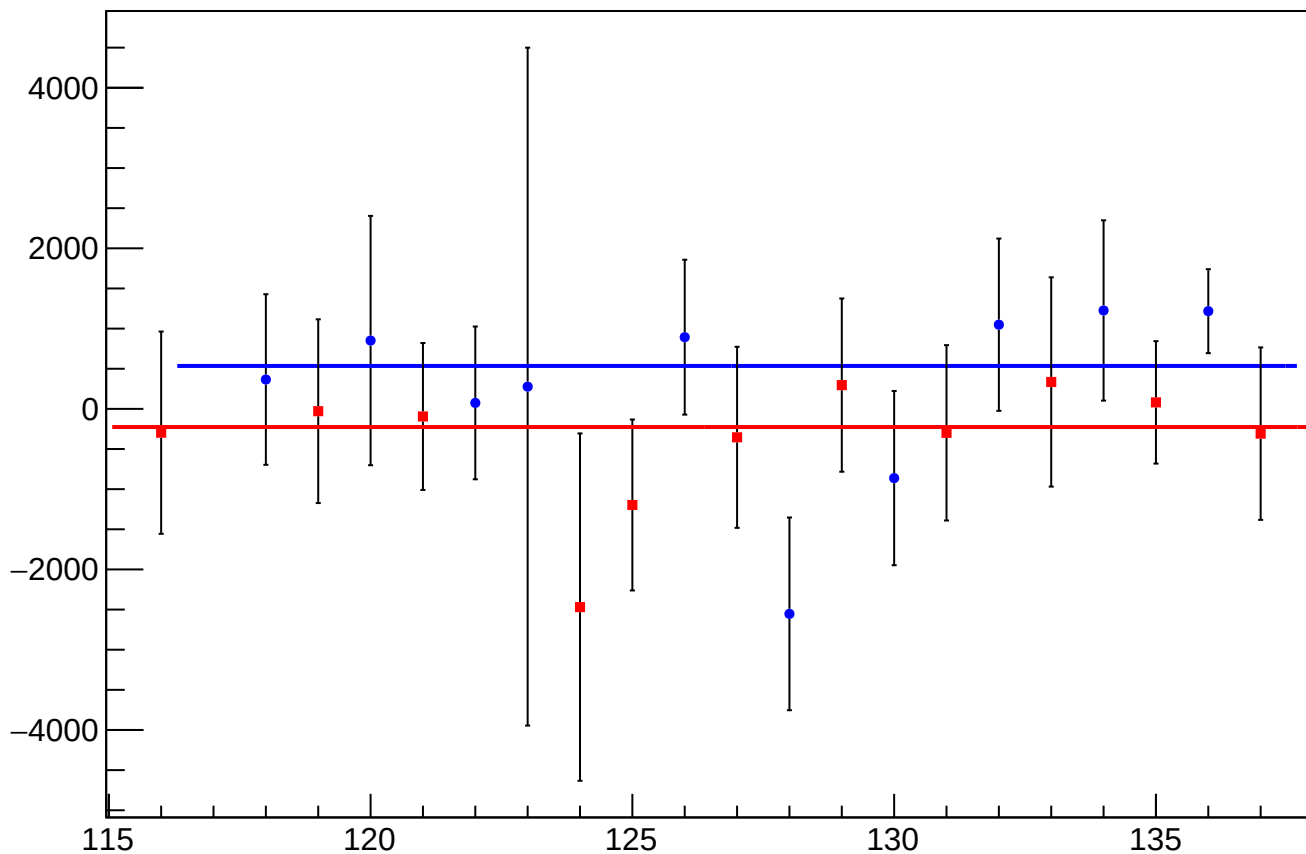
Right: 616.628+/-0.158 χ^2/NDF : 594152.5/20

In: 600.755+/-0.218 χ^2/NDF : 328772.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.628+/-0.158 χ^2/NDF : 594152.5/20

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 534.944+/-310.182 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -225.898+/-327.182 χ^2/NDF : 2.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

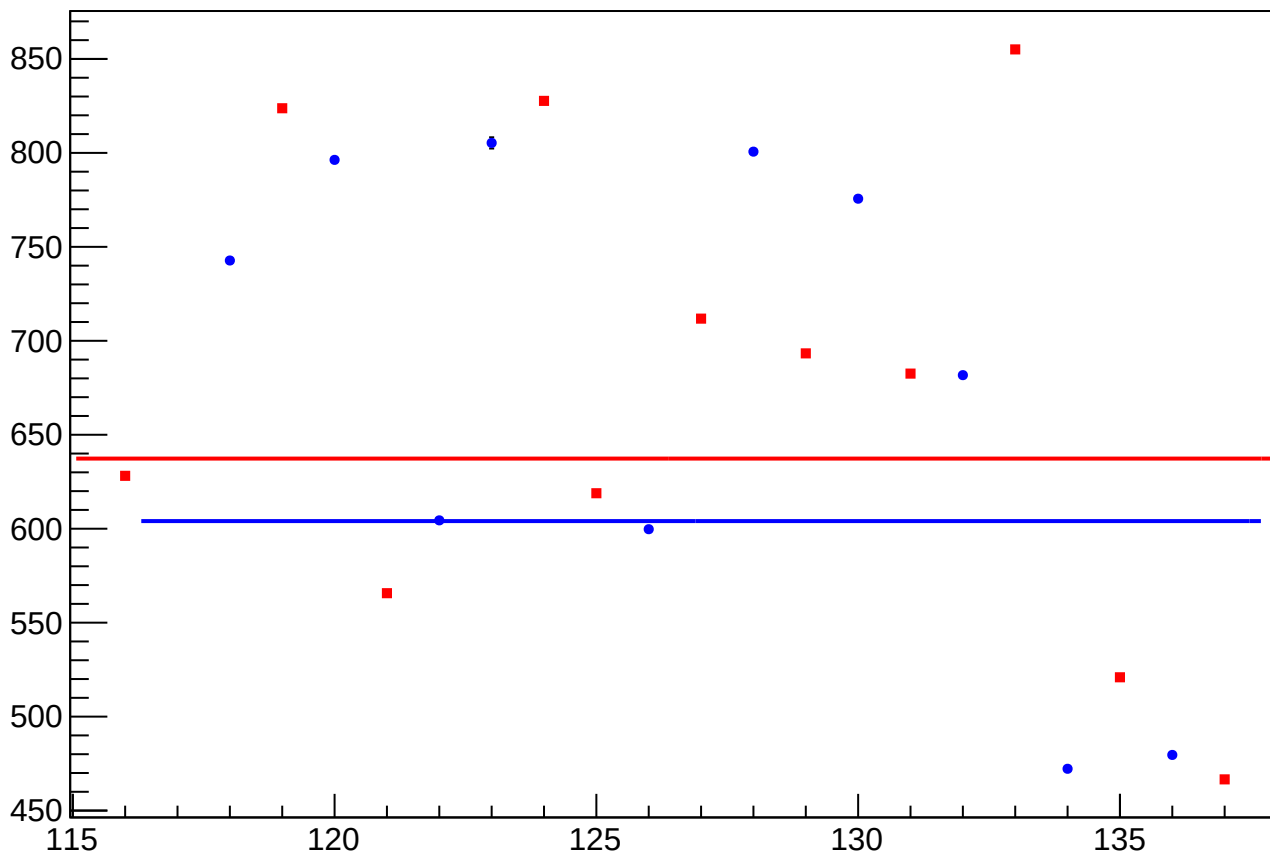
Right: 174.802+/-225.102 χ^2/NDF : 16.4/20

In: 534.944+/-310.182 χ^2/NDF :11.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 174.802+/-225.102 χ^2/NDF : 16.4/20

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 604.059 $\pm$ 0.219 χ^2 /NDF: 324135.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 637.322 $\pm$ 0.231 χ^2 /NDF: 251969.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

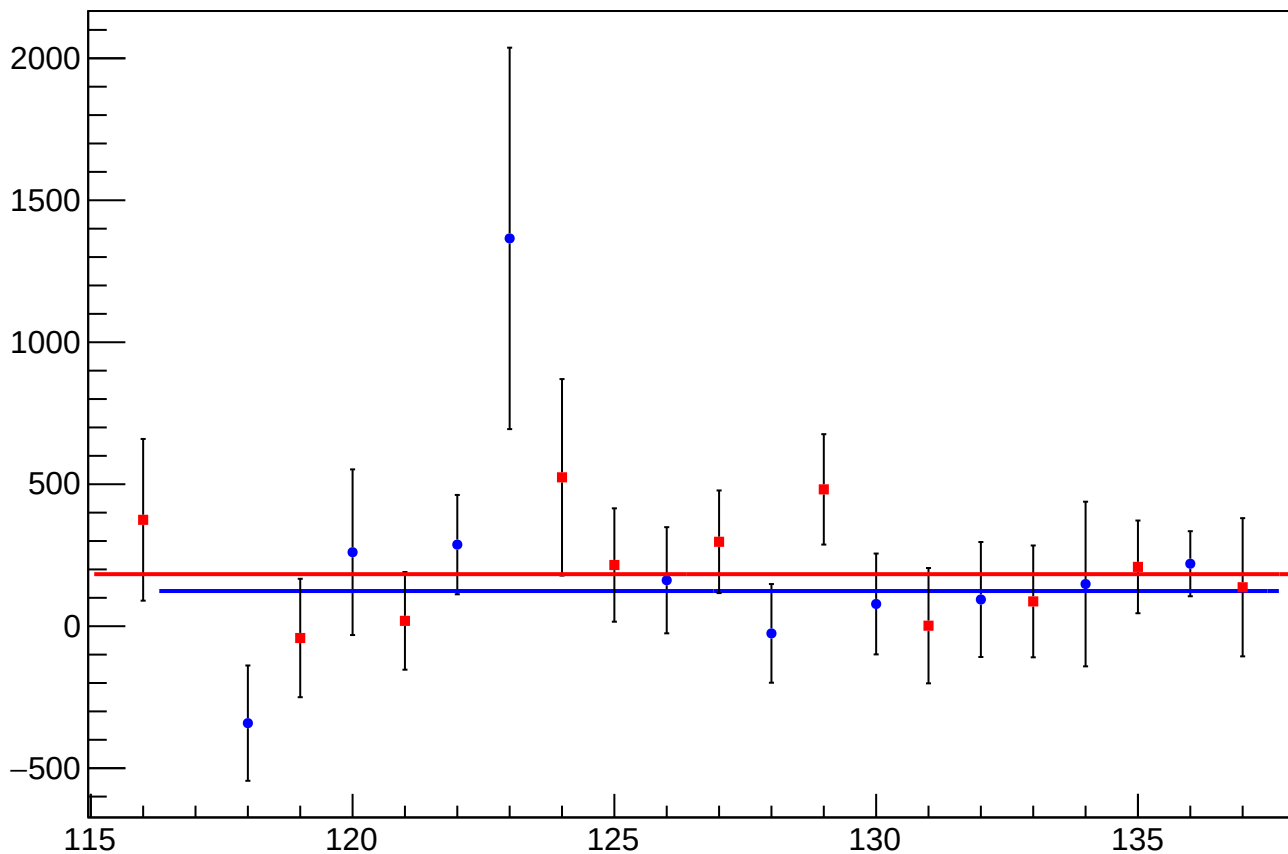
Right: 619.804 $\pm$ 0.159 χ^2 /NDF: 586991.7/20

In: 604.059 $\pm$ 0.219 χ^2 /NDF:324135.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 619.804 $\pm$ 0.159 χ^2 /NDF: 586991.7/20

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 123.918+/-60.103 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.276+/-61.532 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

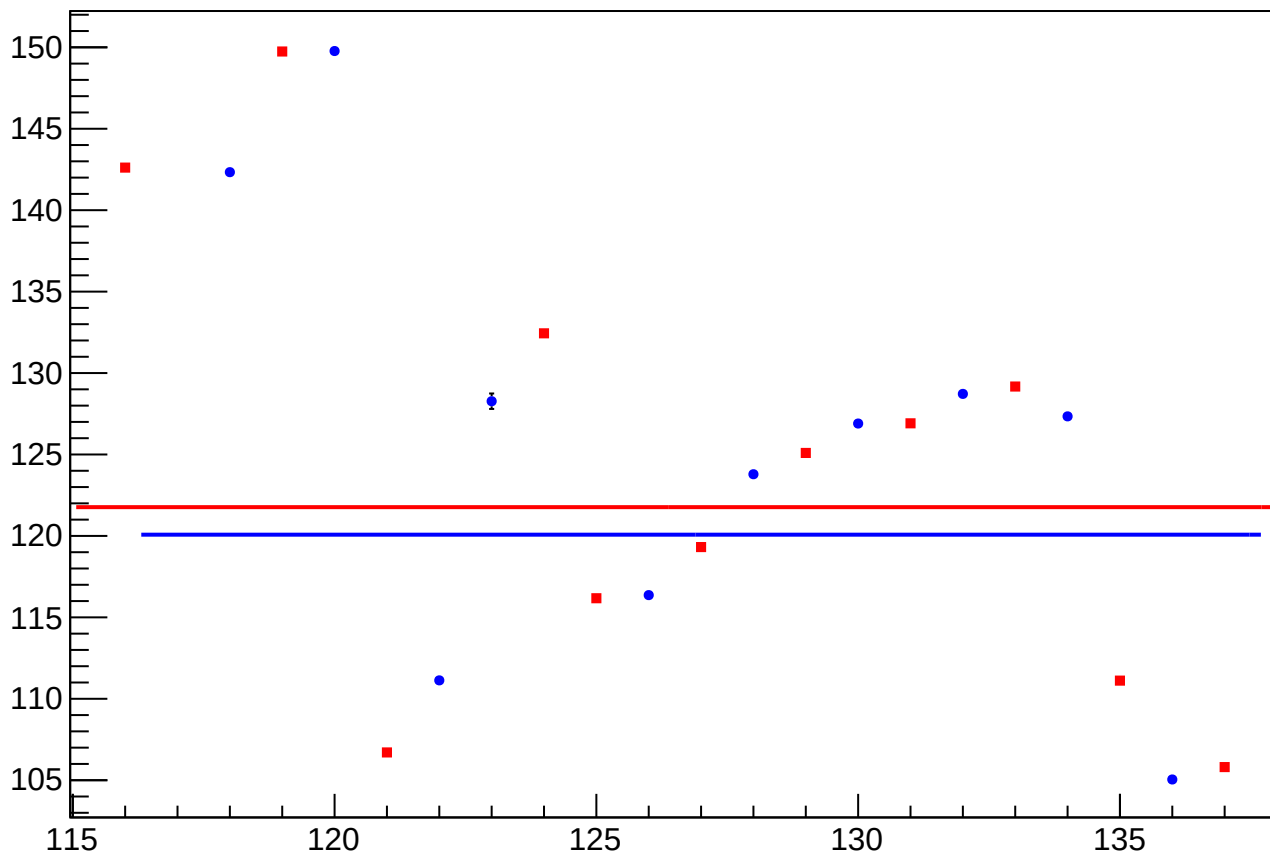
Right: 152.900+/-42.996 χ^2/NDF : 19.2/20

In: 123.918+/-60.103 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.900+/-42.996 χ^2/NDF : 19.2/20

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 120.076+/-0.042 χ^2/NDF : 94268.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.767+/-0.044 χ^2/NDF : 87707.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

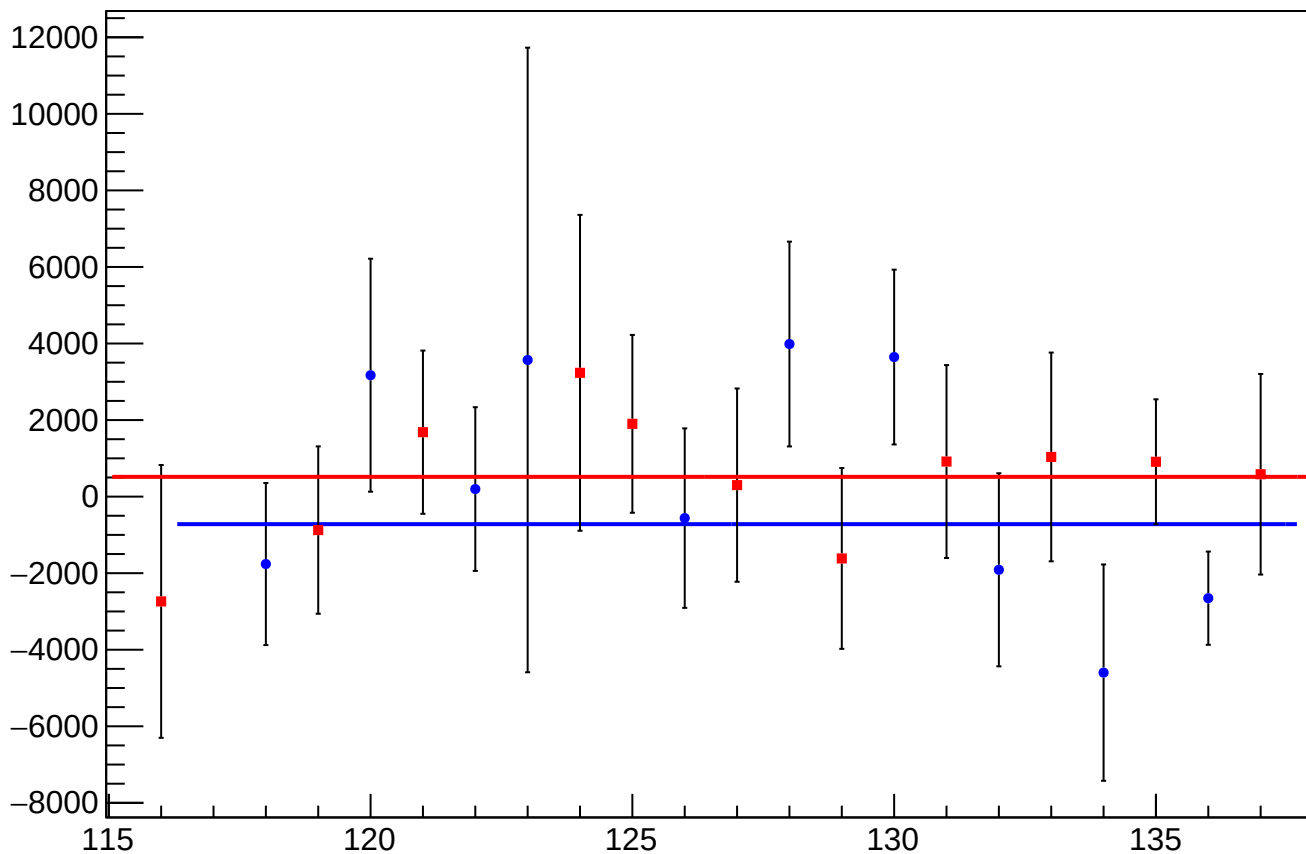
Right: 120.902+/-0.030 χ^2/NDF : 182747.3/20

In: 120.076+/-0.042 χ^2/NDF : 94268.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.902+/-0.030 χ^2/NDF : 182747.3/20

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -719.308+/-701.112 χ^2/NDF : 13.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.550+/-725.301 χ^2/NDF : 3.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

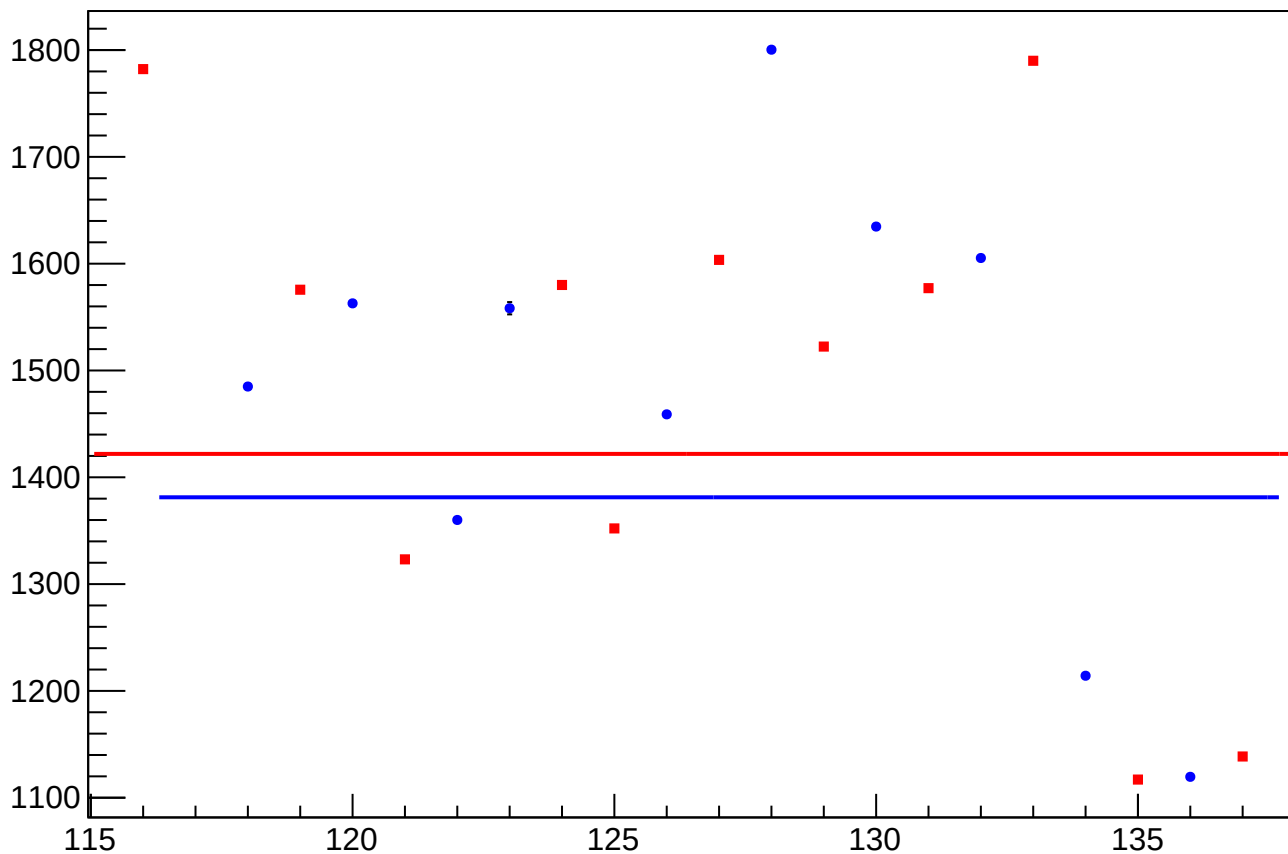
Right: -122.331+/-504.096 χ^2/NDF : 18.5/20

In: -719.308+/-701.112 χ^2/NDF : 13.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.331+/-504.096 χ^2/NDF : 18.5/20

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1381.276+/-0.496 χ^2/NDF : 204052.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1421.902+/-0.513 χ^2/NDF : 190482.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

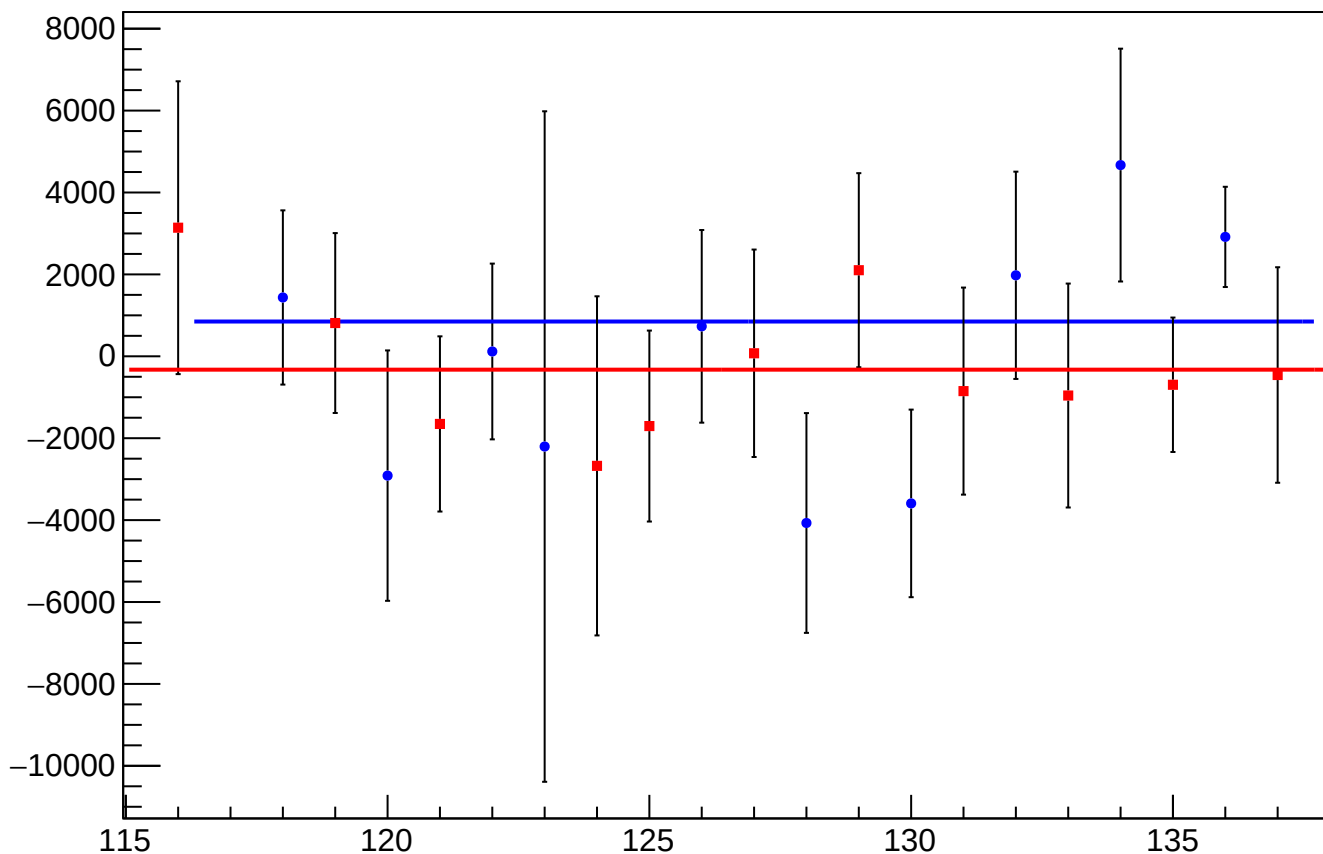
Right: 1400.900+/-0.356 χ^2/NDF : 397778.6/20

In: 1381.276+/-0.496 χ^2/NDF : 204052.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.900+/-0.356 χ^2/NDF : 397778.6/20

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 849.351+/-703.975 χ^2/NDF : 13.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -326.333+/-728.135 χ^2/NDF : 3.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

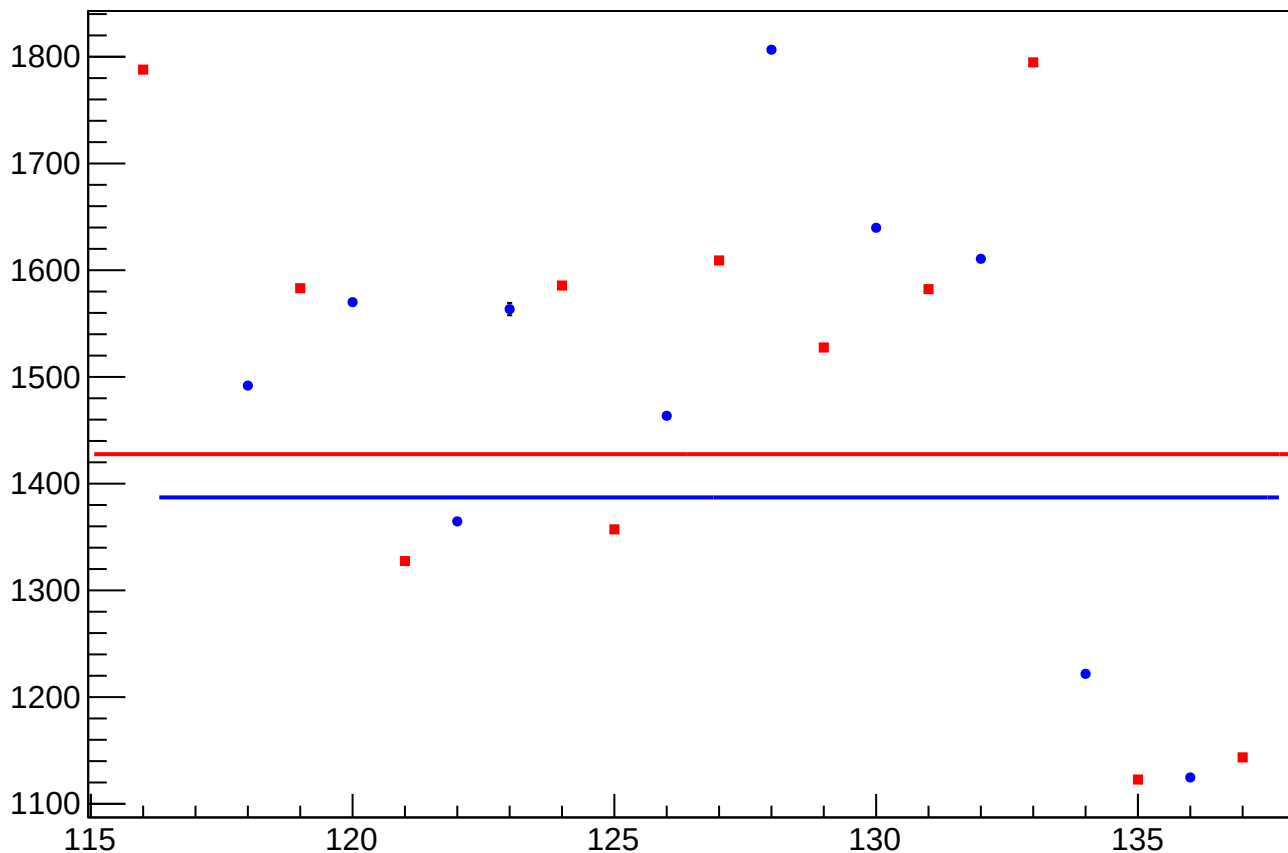
Right: 281.337+/-506.111 χ^2/NDF : 18.7/20

In: 849.351+/-703.975 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.337+/-506.111 χ^2/NDF : 18.7/20

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1387.113+/-0.498 χ^2/NDF : 202799.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1427.618+/-0.515 χ^2/NDF : 189159.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

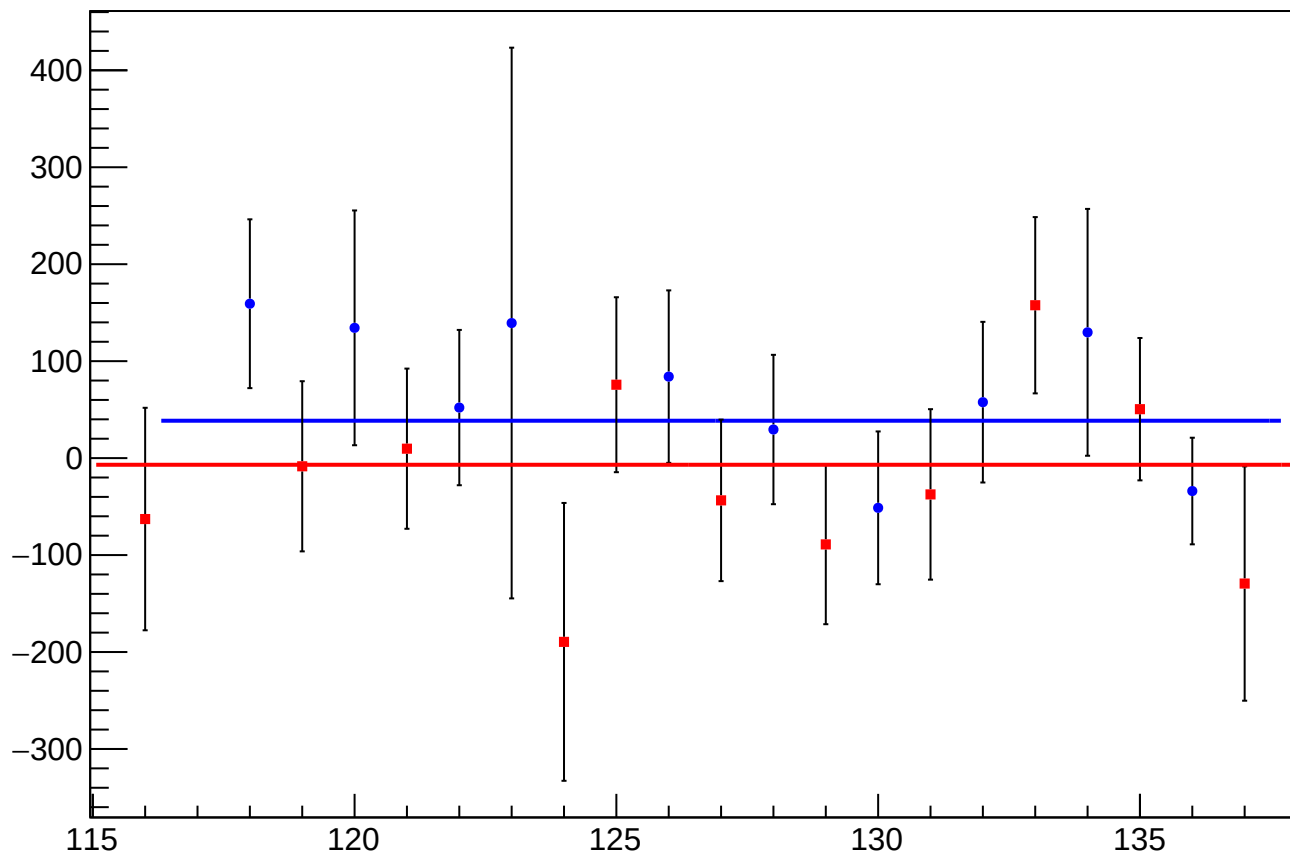
Right: 1406.682+/-0.358 χ^2/NDF : 395157.7/20

In: 1387.113+/-0.498 χ^2/NDF : 202799.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1406.682+/-0.358 χ^2/NDF : 395157.7/20

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 38.558 $\pm$ 27.089 χ^2 /NDF: 6.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.863 $\pm$ 27.524 χ^2 /NDF: 9.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

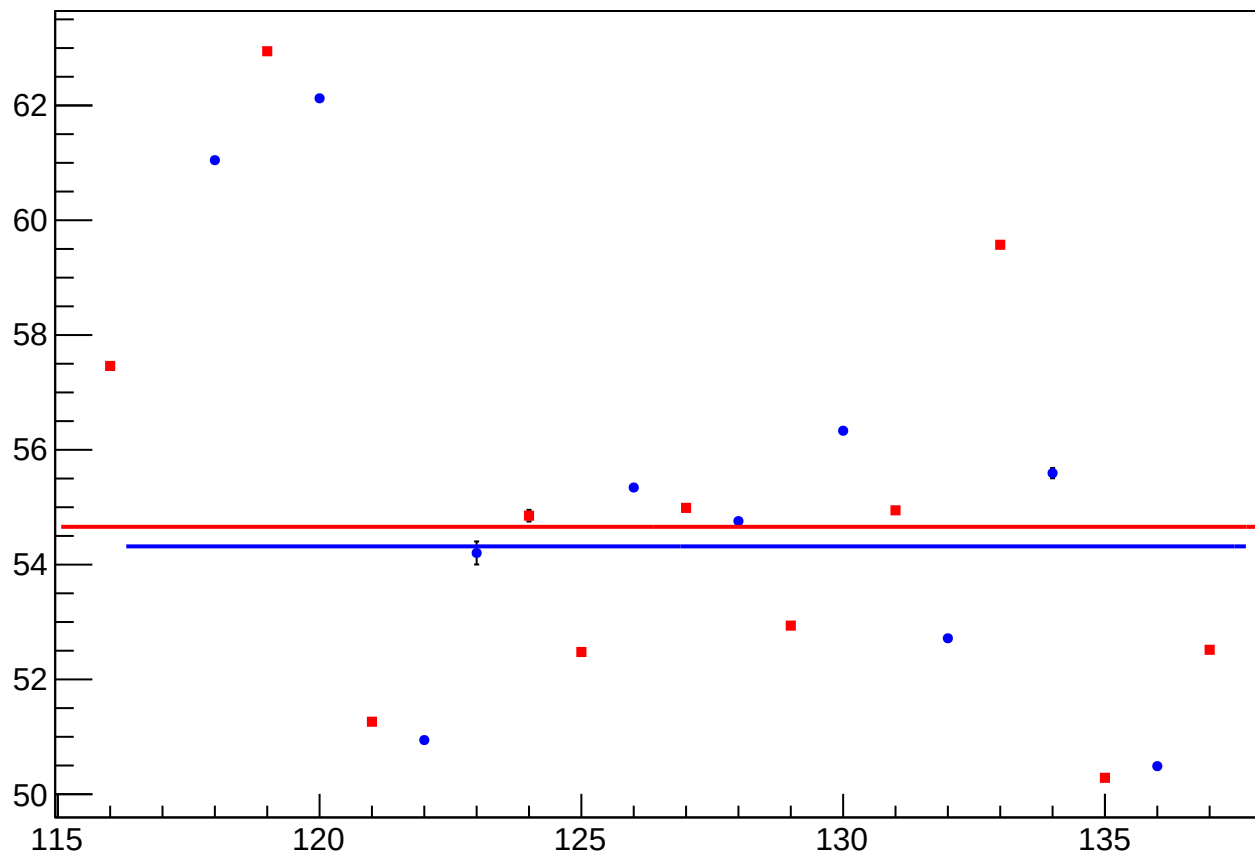
Right: 16.209 $\pm$ 19.307 χ^2 /NDF: 16.9/20

In: 38.558 $\pm$ 27.089 χ^2 /NDF:6.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.209 $\pm$ 19.307 χ^2 /NDF: 16.9/20

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 54.318+/-0.019 χ^2/NDF : 36103.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.659+/-0.019 χ^2/NDF : 38072.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

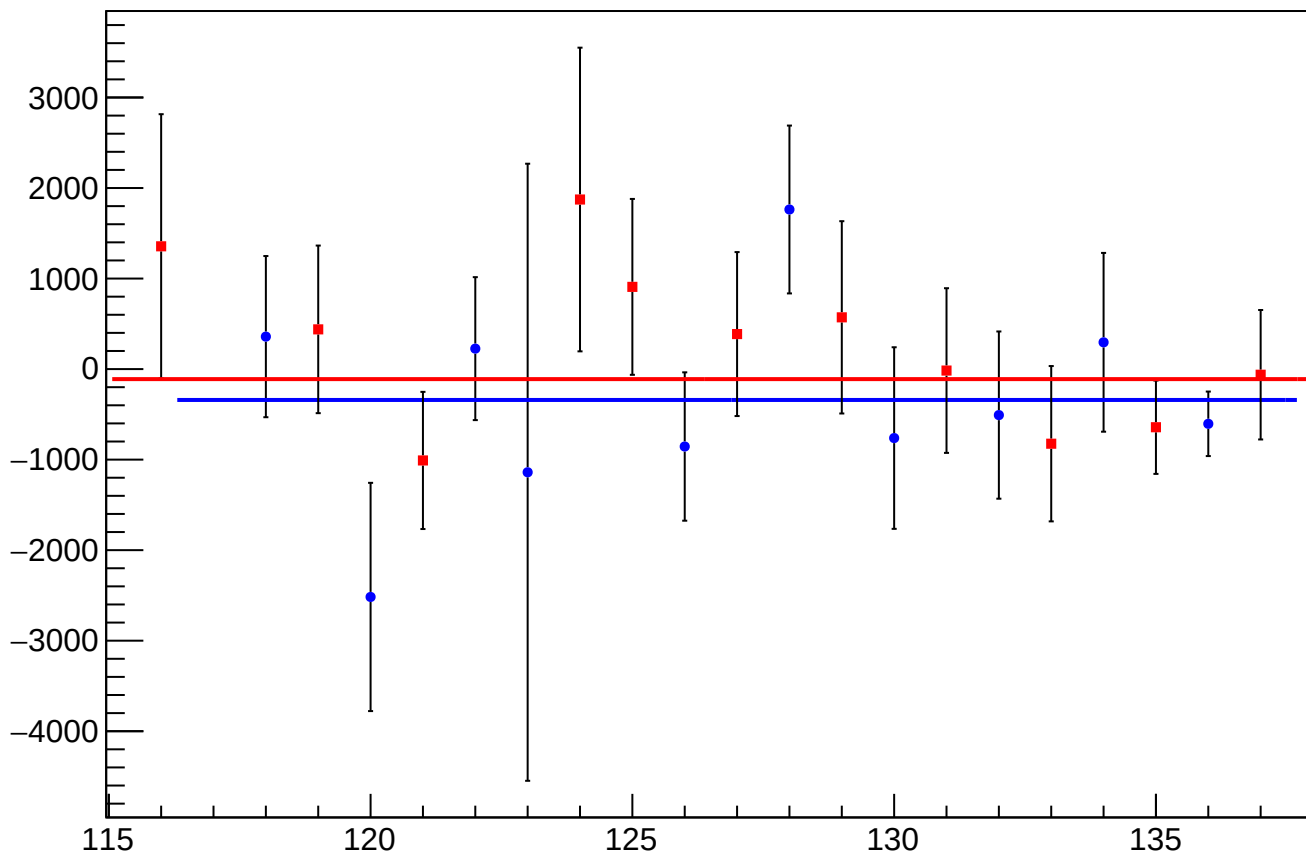
Right: 54.486+/-0.014 χ^2/NDF : 74332.1/20

In: 54.318+/-0.019 χ^2/NDF : 36103.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.486+/-0.014 χ^2/NDF : 74332.1/20

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -341.061+/-240.389 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -110.766+/-256.585 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

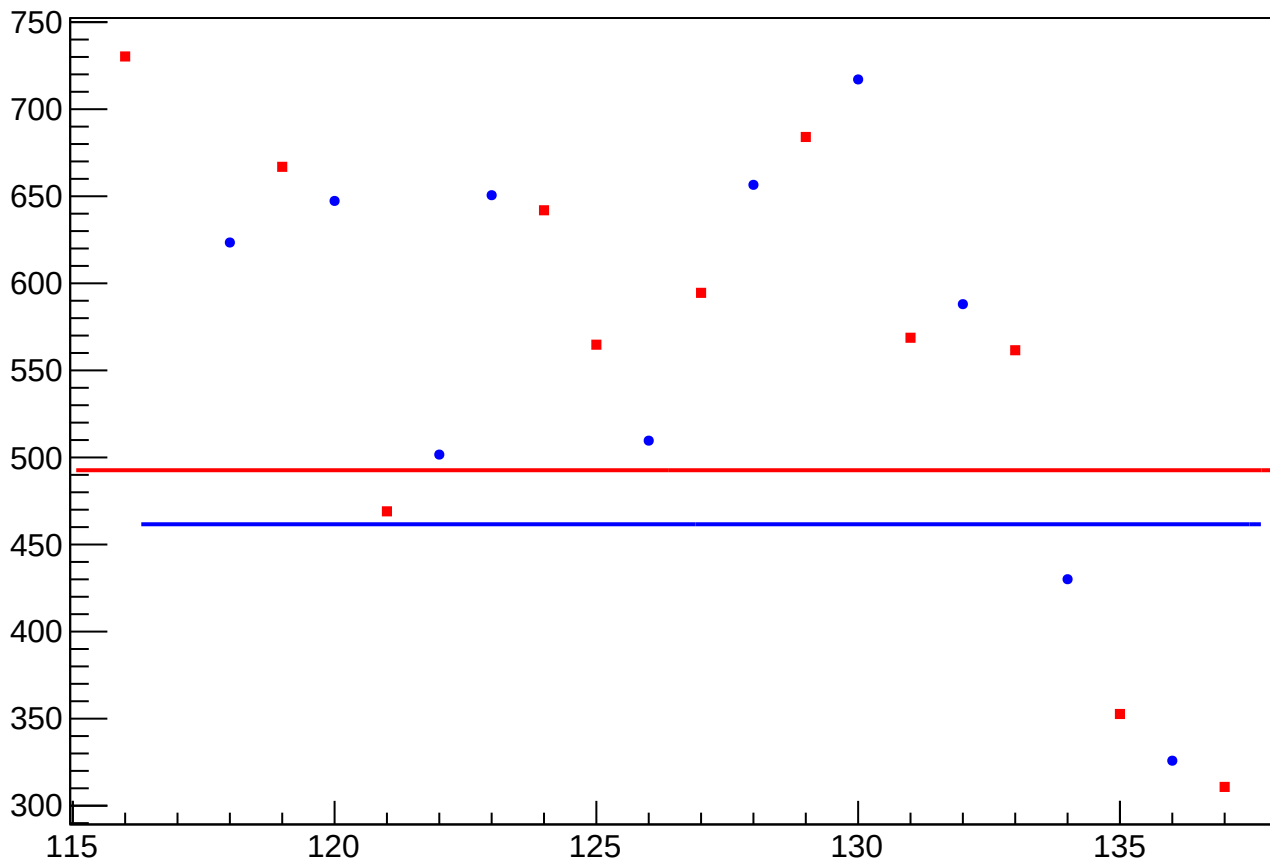
Right: -233.411+/-175.427 χ^2/NDF : 19.1/20

In: -341.061+/-240.389 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -233.411+/-175.427 χ^2/NDF : 19.1/20

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 461.632 $\pm$ 0.170 χ^2 /NDF: 675810.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 492.666 $\pm$ 0.181 χ^2 /NDF: 546810.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

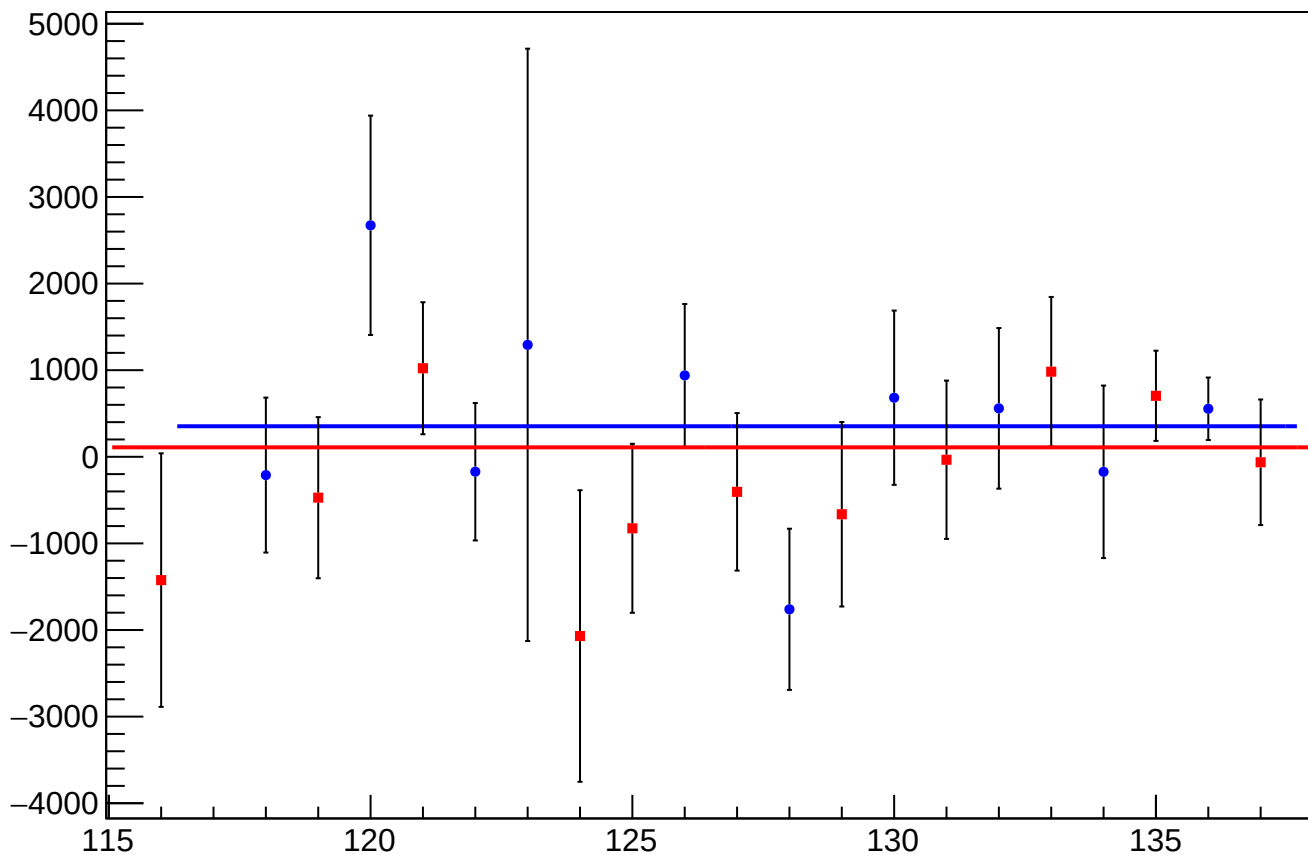
Right: 476.138 $\pm$ 0.124 χ^2 /NDF: 1238202.1/20

In: 461.632 $\pm$ 0.170 χ^2 /NDF: 675810.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 476.138 $\pm$ 0.124 χ^2 /NDF: 1238202.1/20

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 352.557 $\pm$ 242.430 χ^2 /NDF: 10.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.195 $\pm$ 258.472 χ^2 /NDF: 8.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

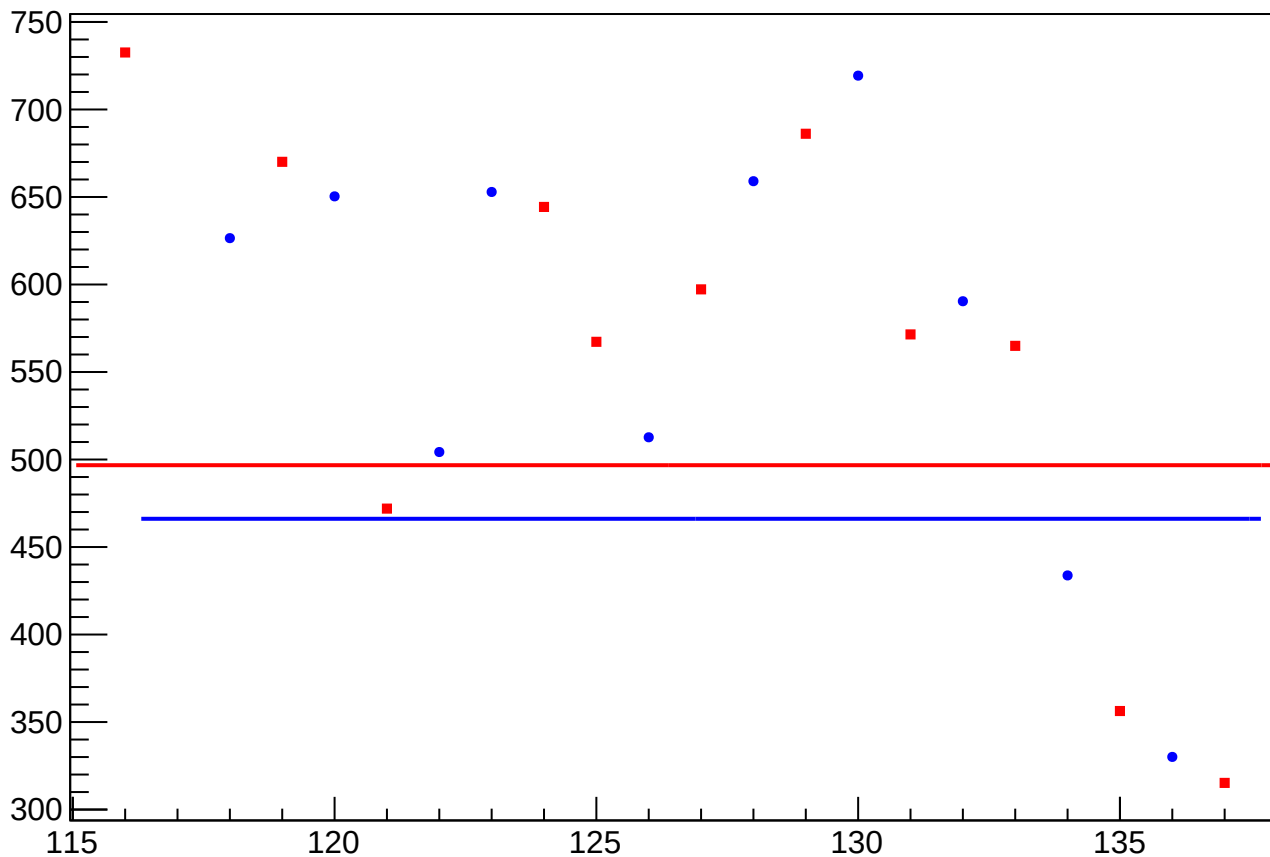
Right: 238.662 $\pm$ 176.823 χ^2 /NDF: 19.9/20

In: 352.557 $\pm$ 242.430 χ^2 /NDF:10.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.662 $\pm$ 176.823 χ^2 /NDF: 19.9/20

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 466.134 $\pm$ 0.171 χ^2 /NDF: 658661.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 496.750 $\pm$ 0.183 χ^2 /NDF: 533622.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

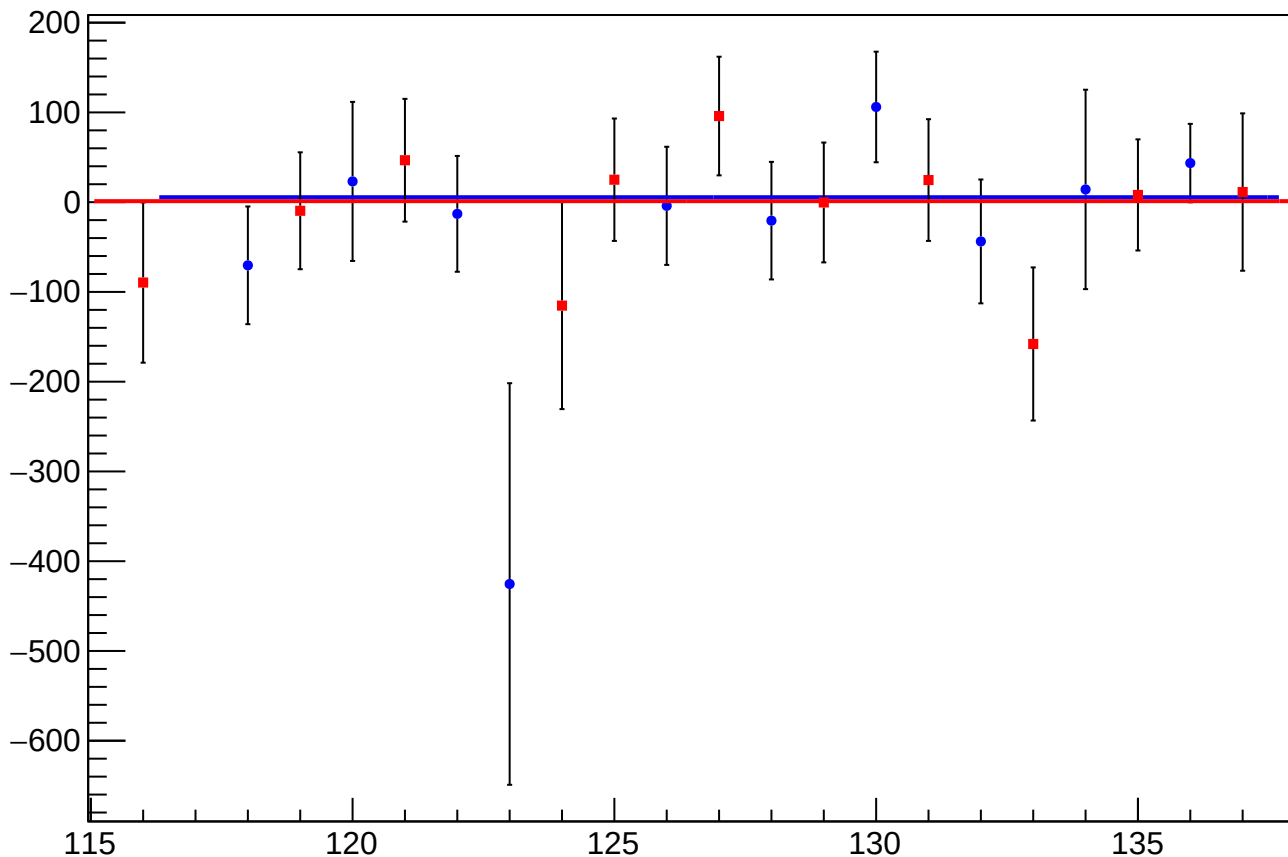
Right: 480.463 $\pm$ 0.125 χ^2 /NDF: 1207212.7/20

In: 466.134 $\pm$ 0.171 χ^2 /NDF:658661.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 480.463 $\pm$ 0.125 χ^2 /NDF: 1207212.7/20

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.507+/-21.504 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.126+/-22.006 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

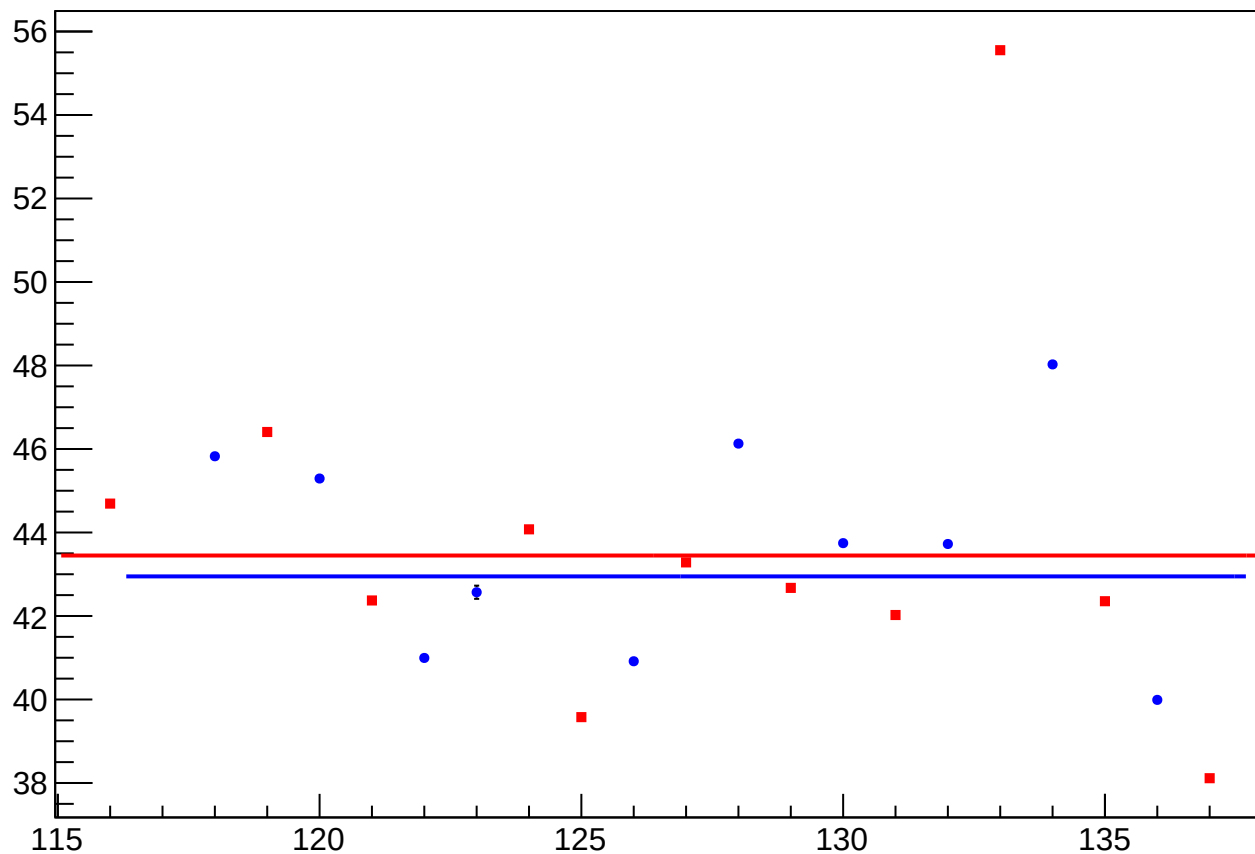
Right: 3.367+/-15.380 χ^2/NDF : 17.6/20

In: 5.507+/-21.504 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.367+/-15.380 χ^2/NDF : 17.6/20

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 42.948+/-0.015 χ^2/NDF : 27643.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.449+/-0.016 χ^2/NDF : 60979.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

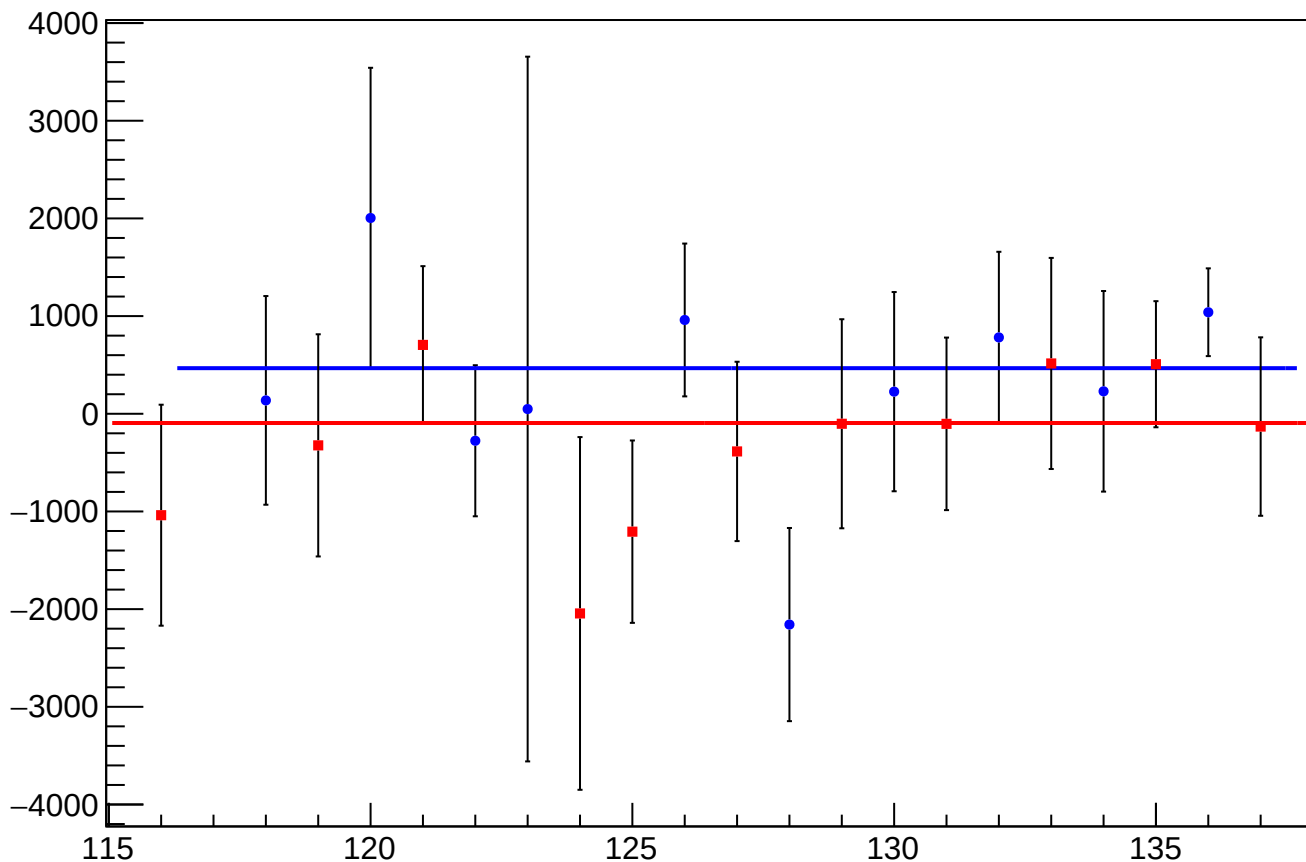
Right: 43.193+/-0.011 χ^2/NDF : 89151.2/20

In: 42.948+/-0.015 χ^2/NDF : 27643.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.193+/-0.011 χ^2/NDF : 89151.2/20

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 466.916+/-268.485 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.510+/-284.625 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

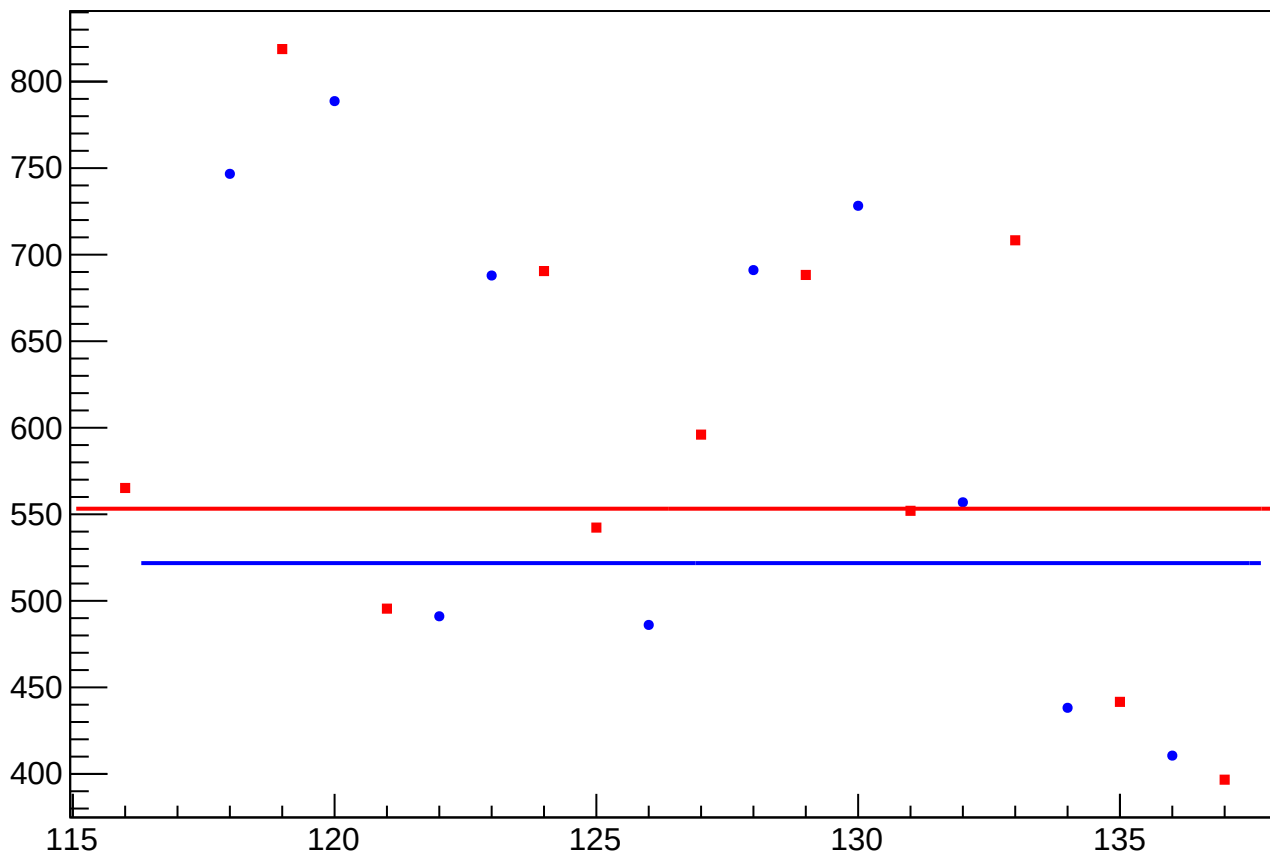
Right: 202.572+/-195.304 χ^2/NDF : 19.0/20

In: 466.916+/-268.485 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.572+/-195.304 χ^2/NDF : 19.0/20

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 521.797 $\pm$ 0.190 χ^2 /NDF: 440135.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 553.232 $\pm$ 0.201 χ^2 /NDF: 327285.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

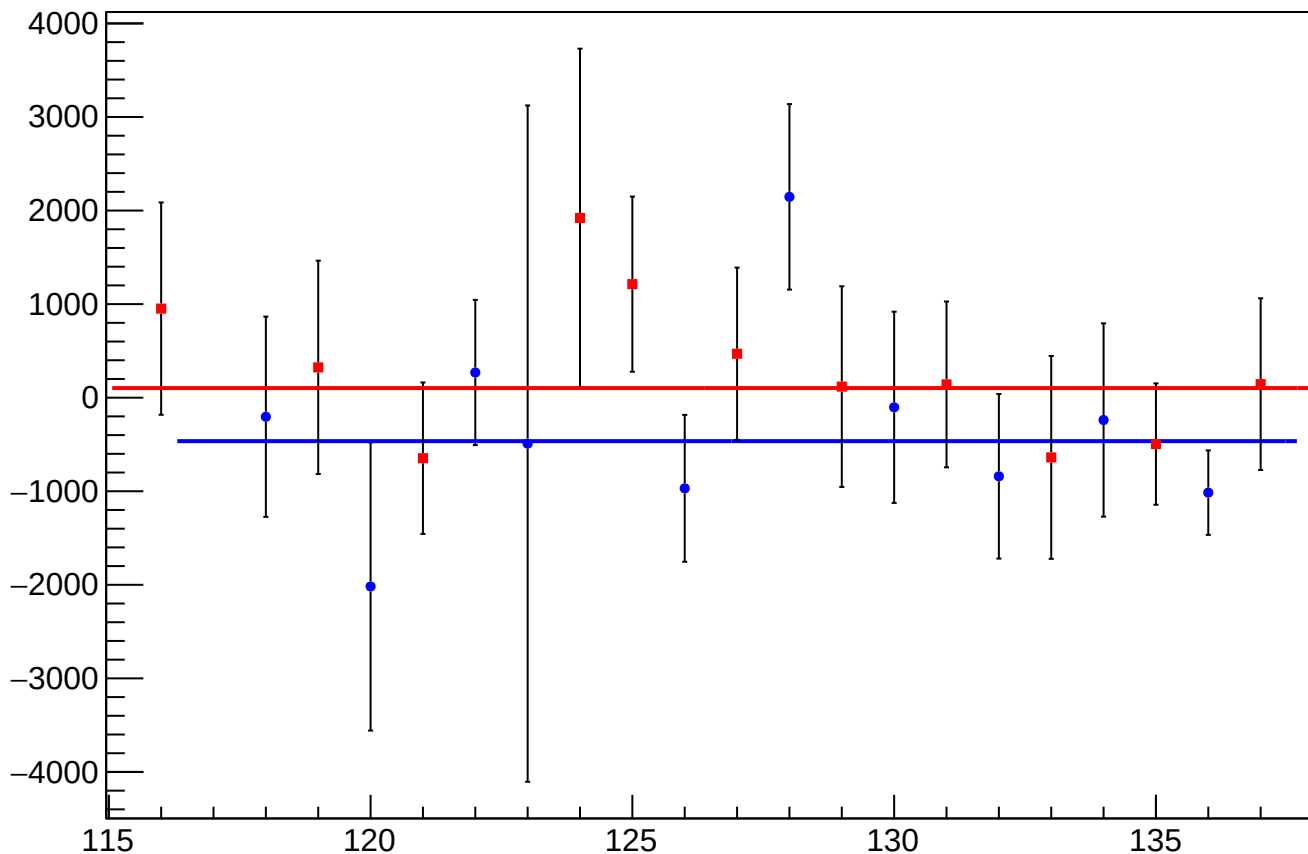
Right: 536.598 $\pm$ 0.138 χ^2 /NDF: 780329.6/20

In: 521.797 $\pm$ 0.190 χ^2 /NDF:440135.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 536.598 $\pm$ 0.138 χ^2 /NDF: 780329.6/20

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -464.546+/-269.525 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.832+/-285.615 χ^2/NDF : 5.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

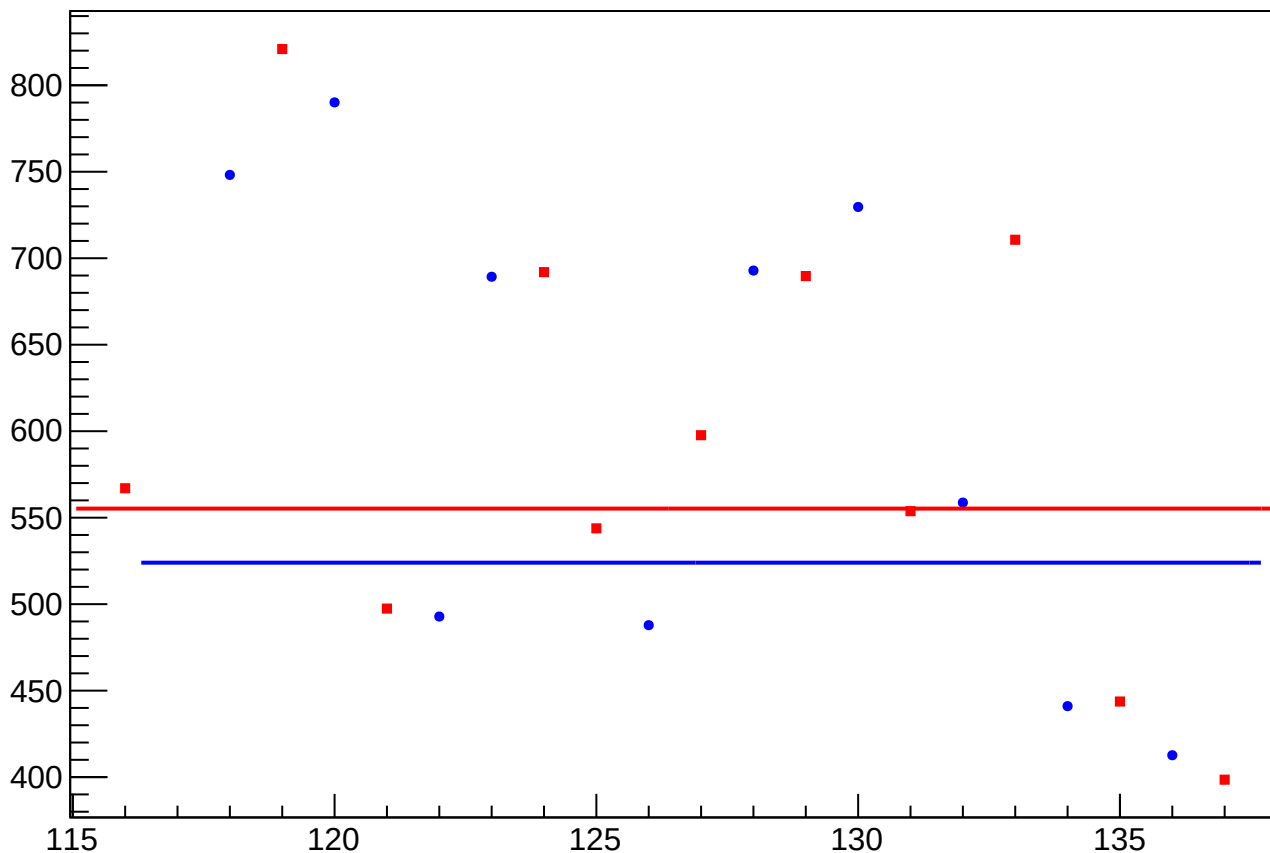
Right: -197.288+/-196.024 χ^2/NDF : 18.6/20

In: -464.546+/-269.525 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.288+/-196.024 χ^2/NDF : 18.6/20

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 523.990+/-0.191 χ^2/NDF : 435789.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.252+/-0.202 χ^2/NDF : 324999.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

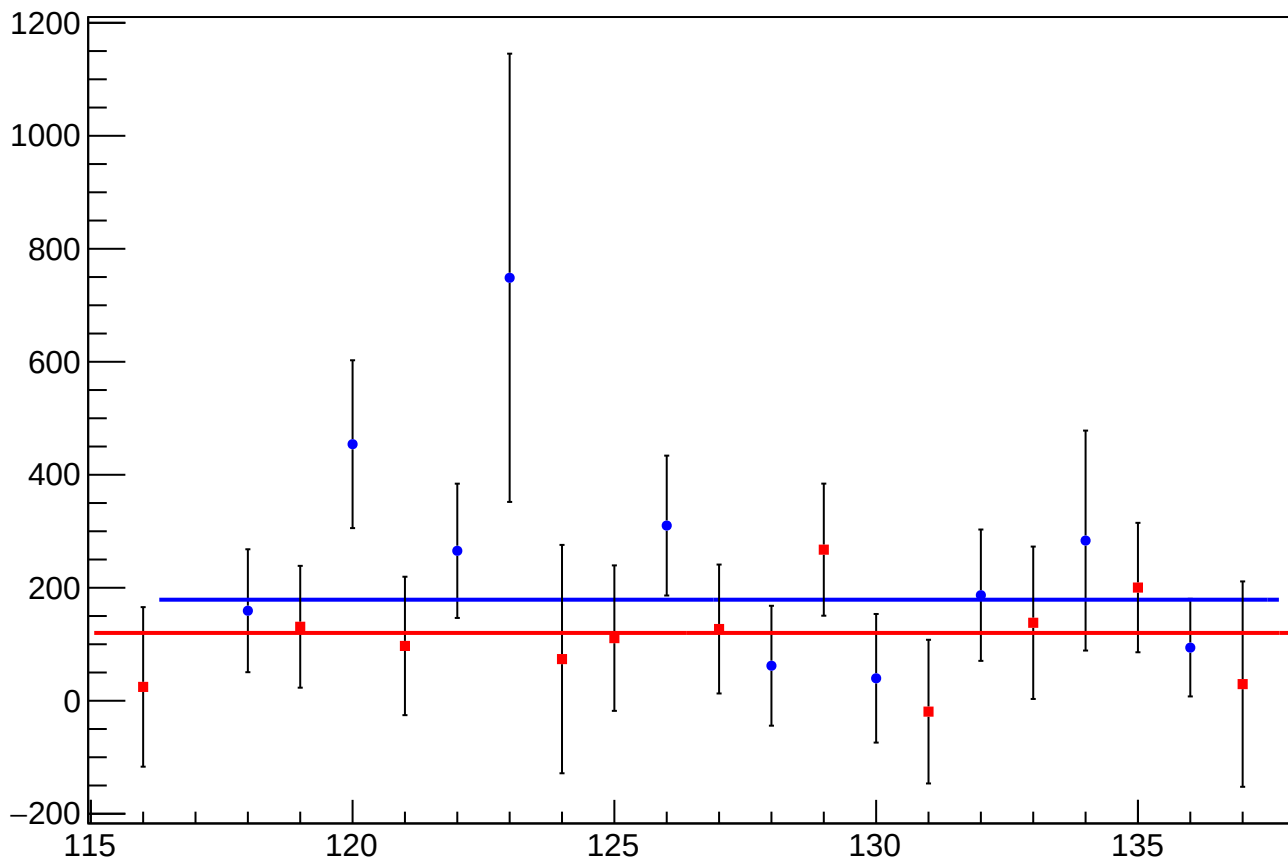
Right: 538.715+/-0.139 χ^2/NDF : 773463.4/20

In: 523.990+/-0.191 χ^2/NDF : 435789.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.715+/-0.139 χ^2/NDF : 773463.4/20

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.873+/-38.557 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.055+/-38.897 χ^2/NDF : 4.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

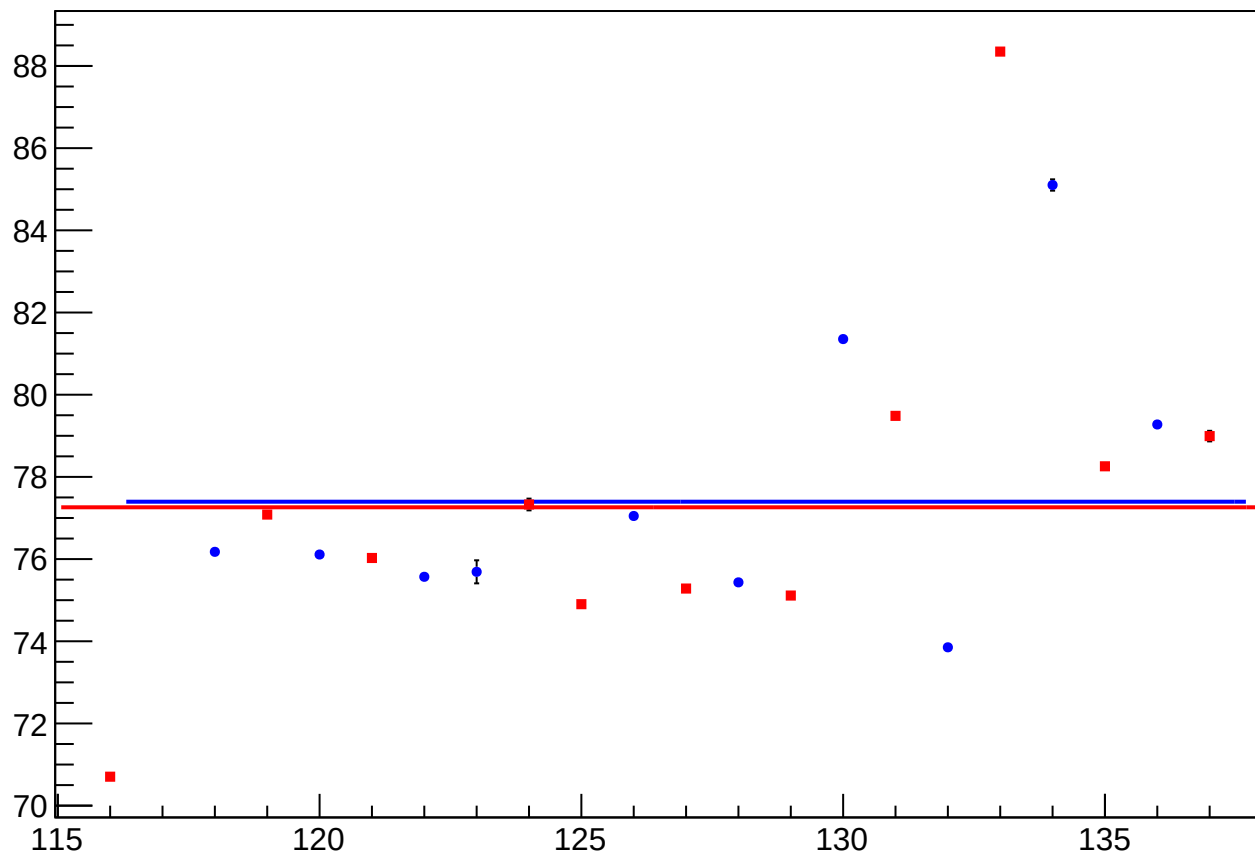
Right: 149.722+/-27.384 χ^2/NDF : 16.4/20

In: 178.873+/-38.557 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.722+/-27.384 χ^2/NDF : 16.4/20

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 77.396+/-0.027 χ^2/NDF : 9969.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.260+/-0.028 χ^2/NDF : 20931.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

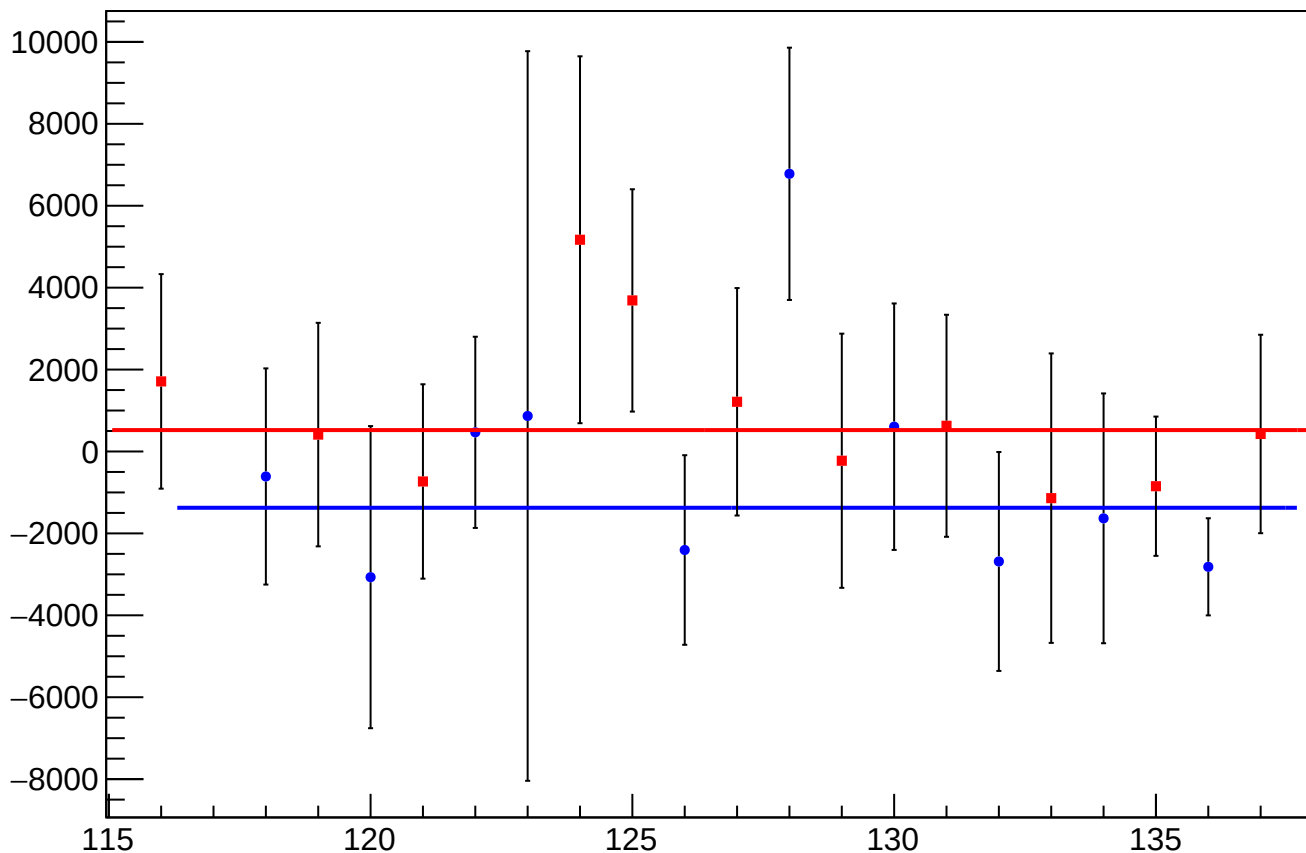
Right: 77.329+/-0.019 χ^2/NDF : 30913.5/20

In: 77.396+/-0.027 χ^2/NDF : 9969.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.329+/-0.019 χ^2/NDF : 30913.5/20

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -1374.137+/-750.624 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.338+/-788.304 χ^2/NDF : 3.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

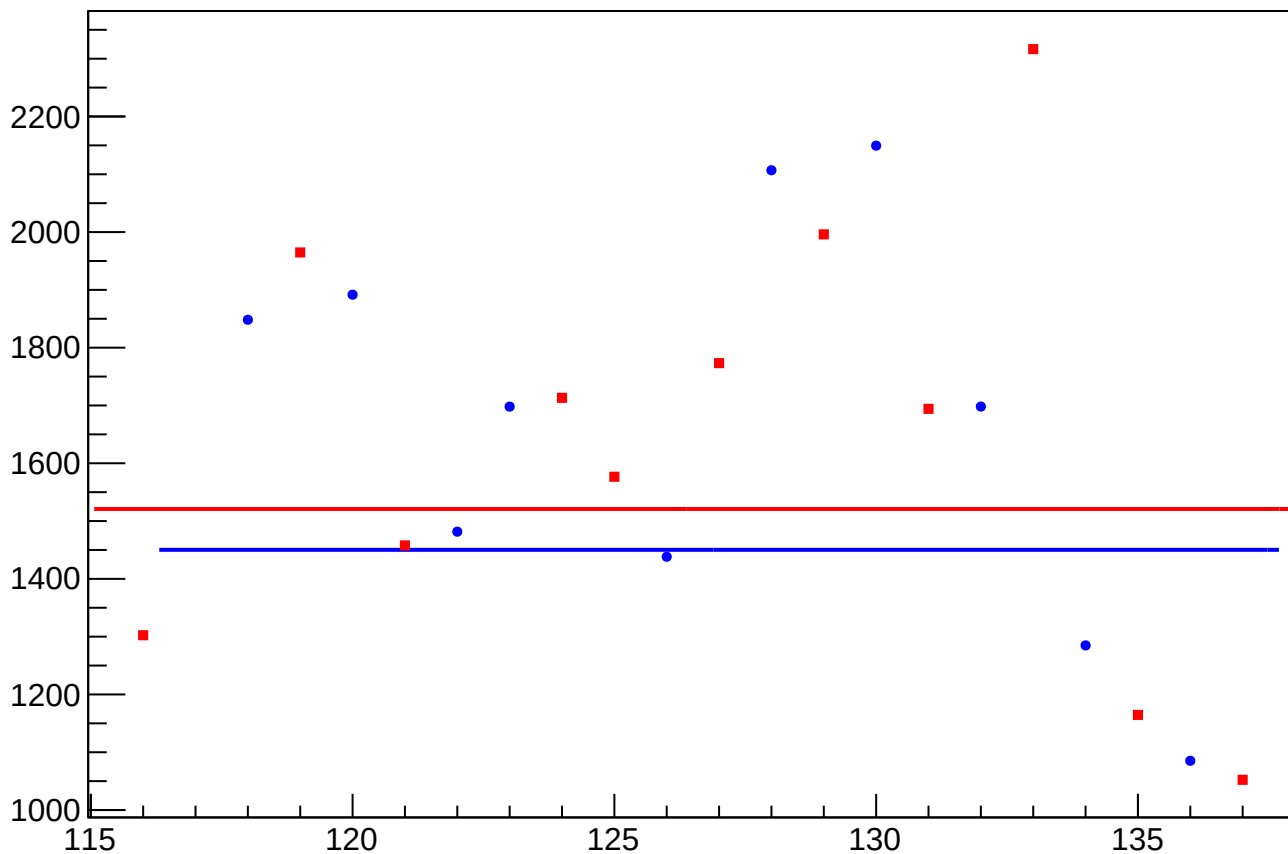
Right: -472.306+/-543.604 χ^2/NDF : 17.3/20

In: -1374.137+/-750.624 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.306+/-543.604 χ^2/NDF : 17.3/20

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1450.223+/-0.531 χ^2/NDF : 487783.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1520.916+/-0.557 χ^2/NDF : 408389.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

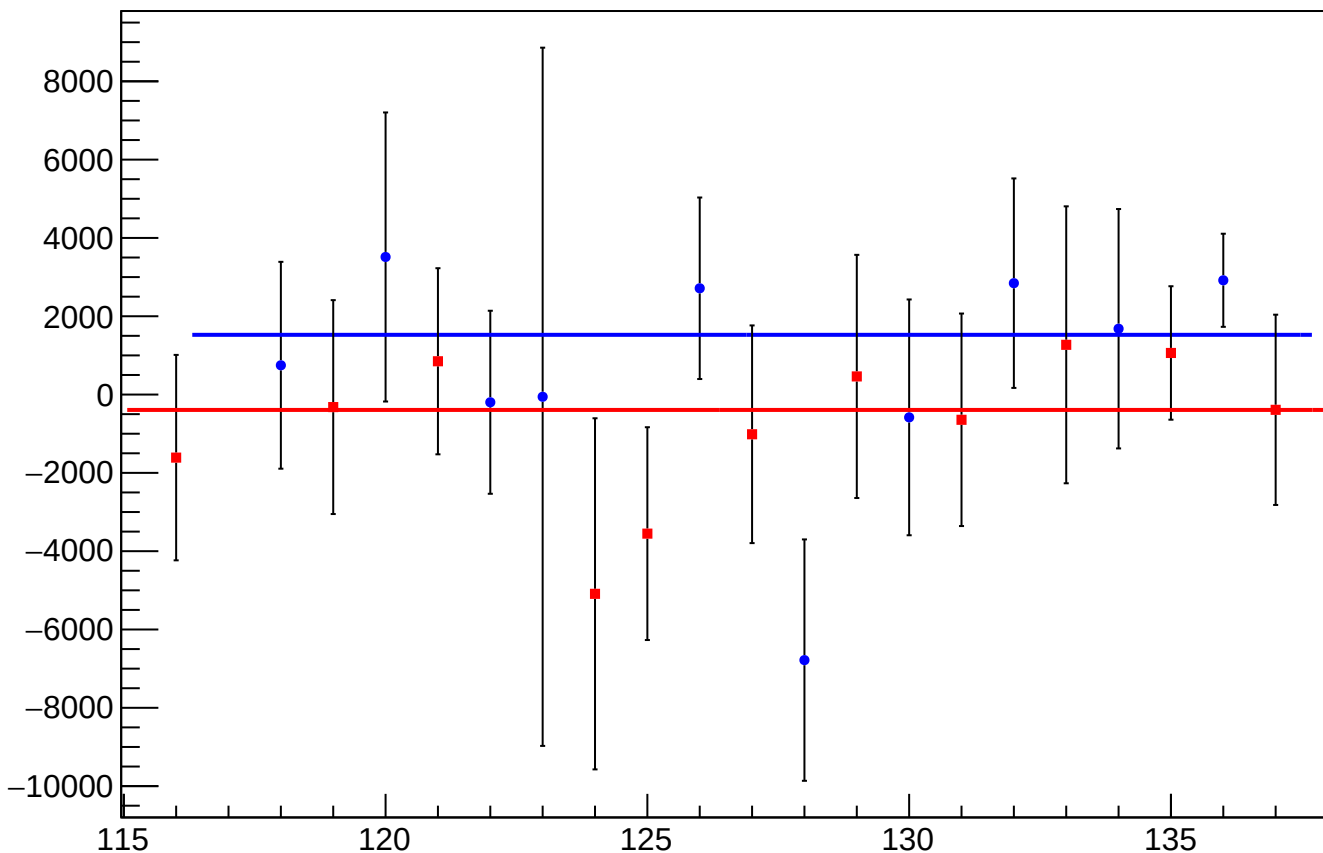
Right: 1483.840+/-0.384 χ^2/NDF : 904608.1/20

In: 1450.223+/-0.531 χ^2/NDF : 487783.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.840+/-0.384 χ^2/NDF : 904608.1/20

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1525.606+/-752.023 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -392.622+/-789.539 χ^2/NDF : 4.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

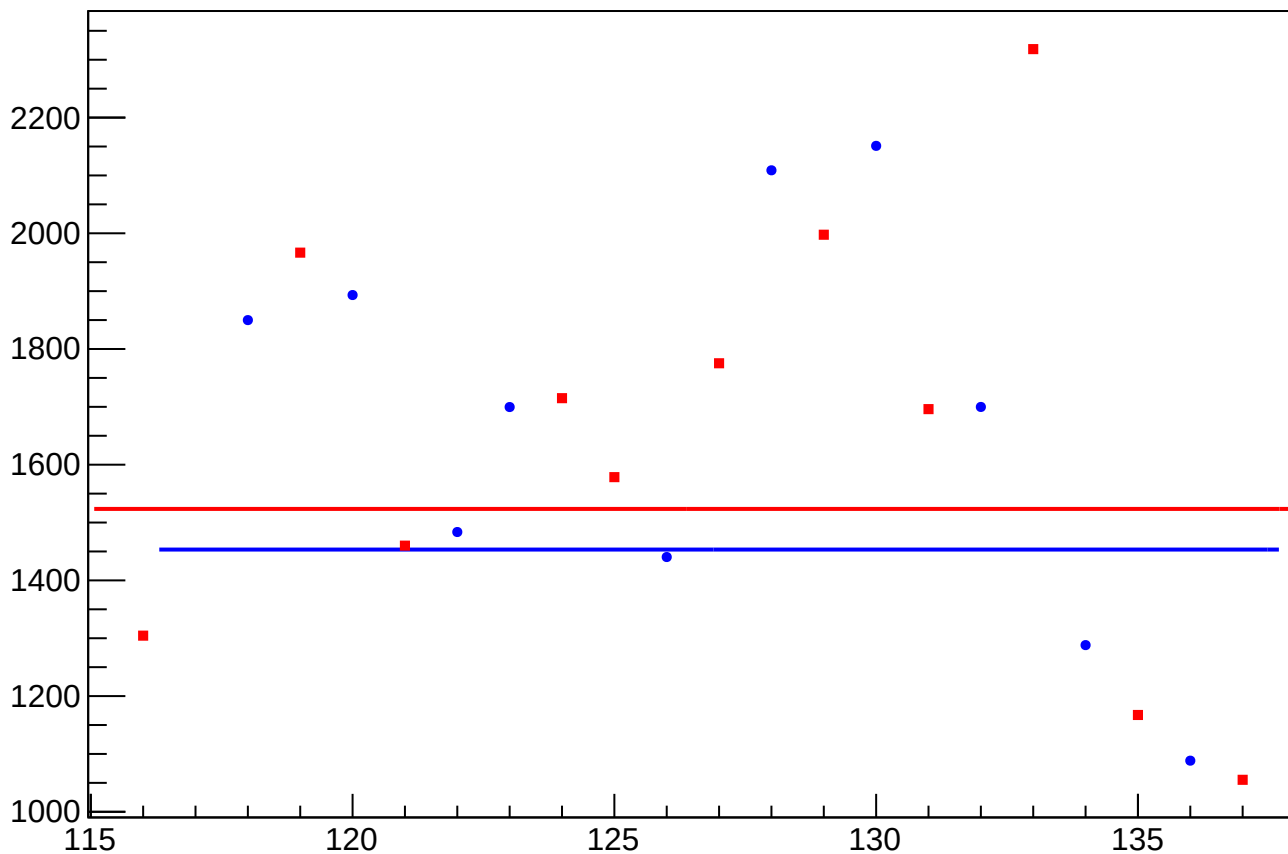
Right: 613.147+/-544.540 χ^2/NDF : 17.7/20

In: 1525.606+/-752.023 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 613.147+/-544.540 χ^2/NDF : 17.7/20

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1453.291+/-0.532 χ^2/NDF : 484568.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.549+/-0.558 χ^2/NDF : 406224.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

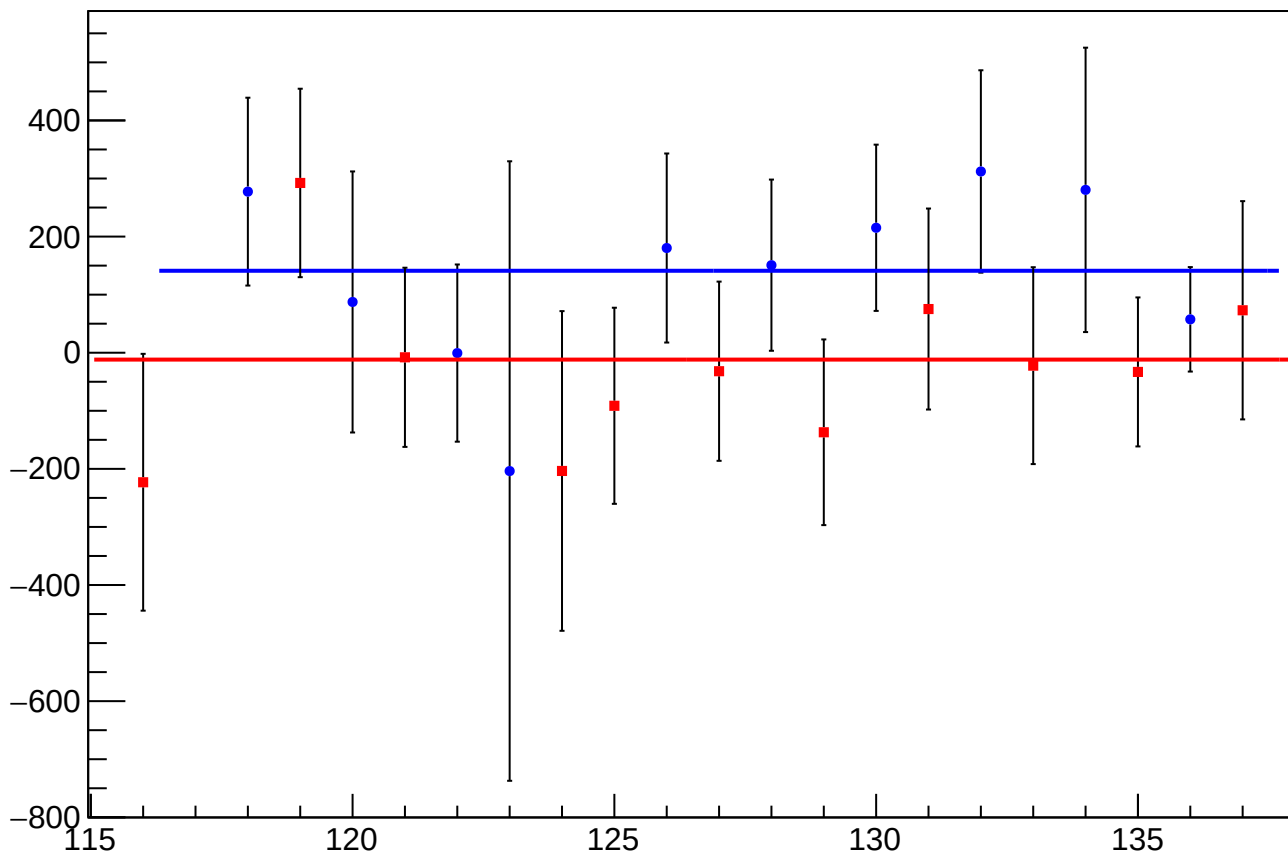
Right: 1486.712+/-0.385 χ^2/NDF : 899096.5/20

In: 1453.291+/-0.532 χ^2/NDF : 484568.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1486.712+/-0.385 χ^2/NDF : 899096.5/20

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 141.124 $\pm$ 49.369 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.833 $\pm$ 50.826 χ^2 /NDF: 6.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

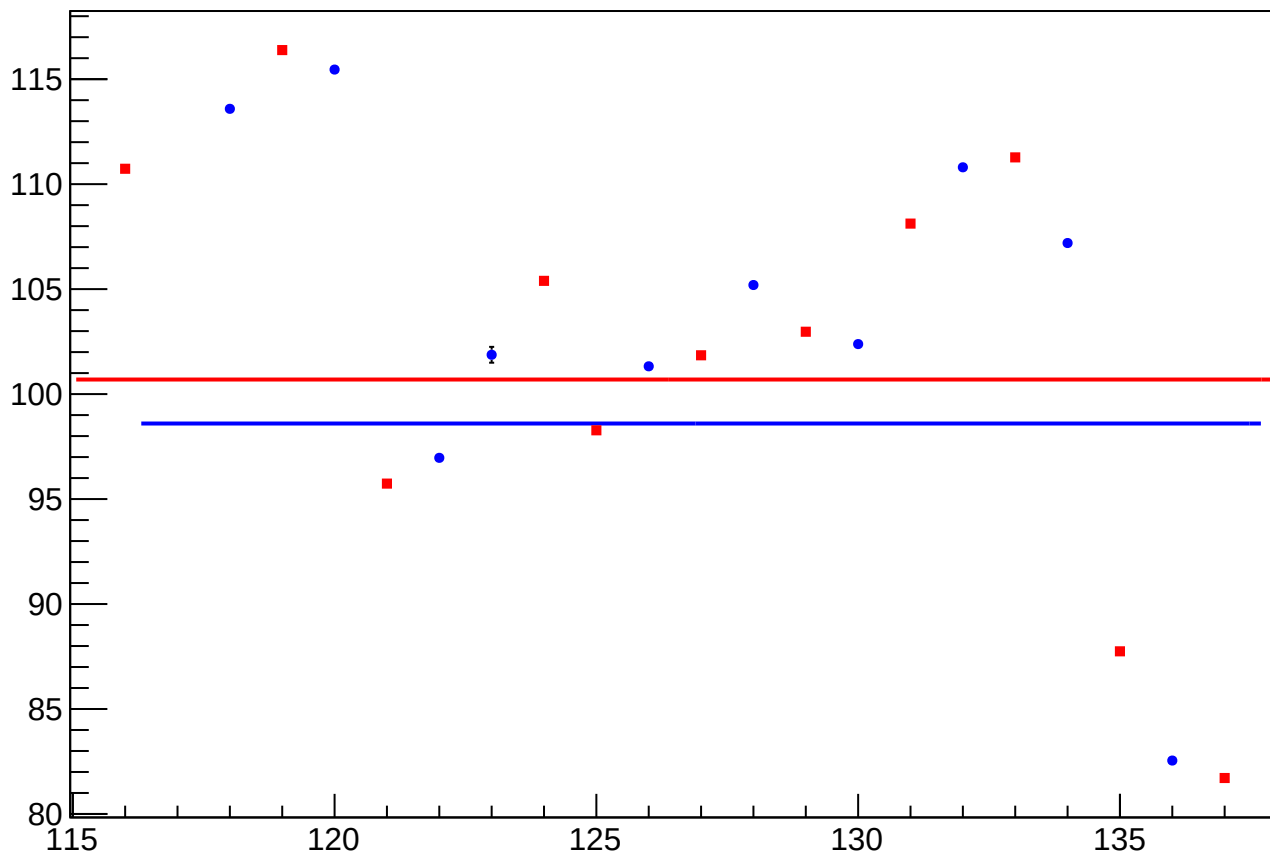
Right: 66.869 $\pm$ 35.413 χ^2 /NDF: 15.4/20

In: 141.124 $\pm$ 49.369 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.869 $\pm$ 35.413 χ^2 /NDF: 15.4/20

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 98.598 $\pm$ 0.035 χ^2 /NDF: 110691.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.694 $\pm$ 0.036 χ^2 /NDF: 78650.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

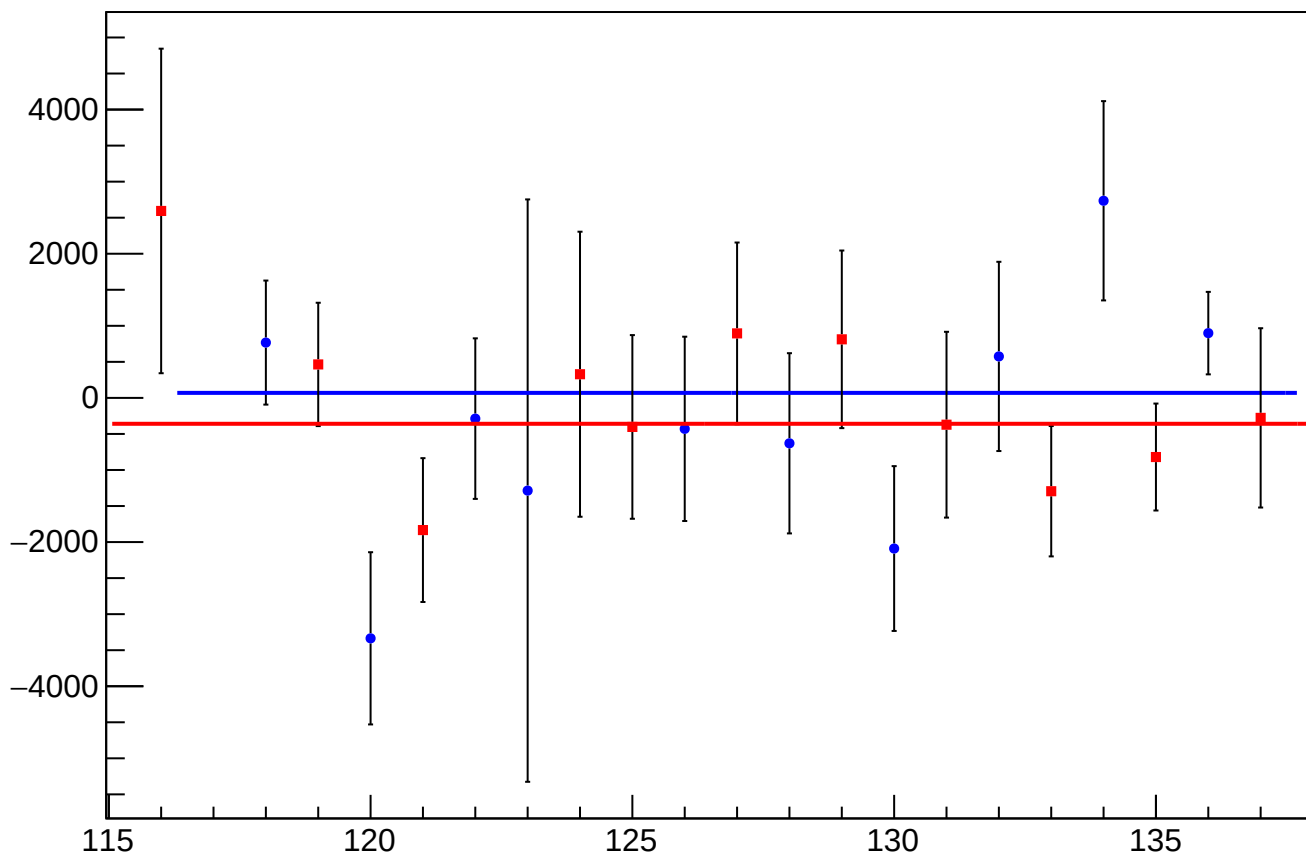
Right: 99.615 $\pm$ 0.025 χ^2 /NDF: 191091.2/20

In: 98.598 $\pm$ 0.035 χ^2 /NDF:110691.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.615 $\pm$ 0.025 χ^2 /NDF: 191091.2/20

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 69.723+/-331.609 χ^2/NDF : 19.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -359.100+/-332.999 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

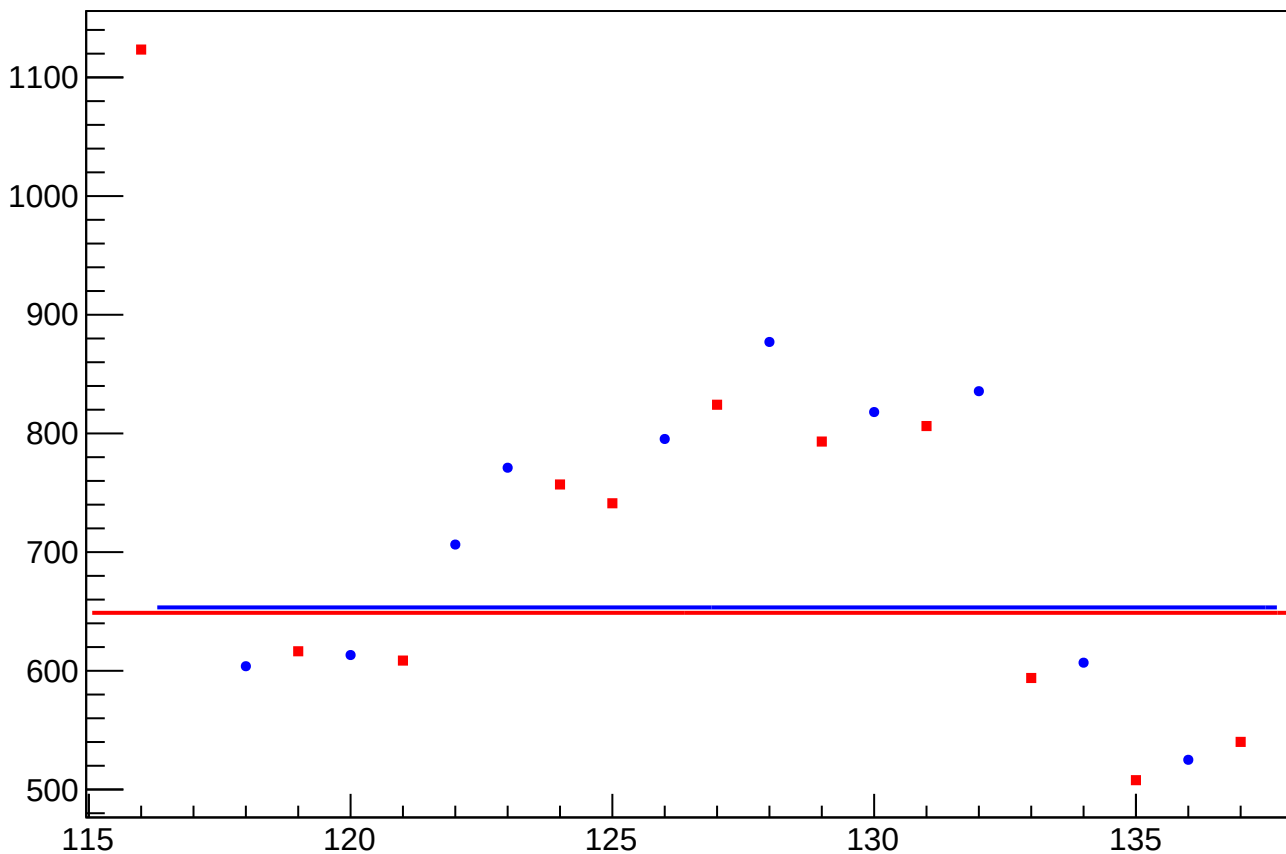
Right: -143.791+/-234.973 χ^2/NDF : 28.1/20

In: 69.723+/-331.609 χ^2/NDF : 19.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.791+/-234.973 χ^2/NDF : 28.1/20

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 653.420+/-0.234 χ^2/NDF : 286770.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 648.857+/-0.235 χ^2/NDF : 302417.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

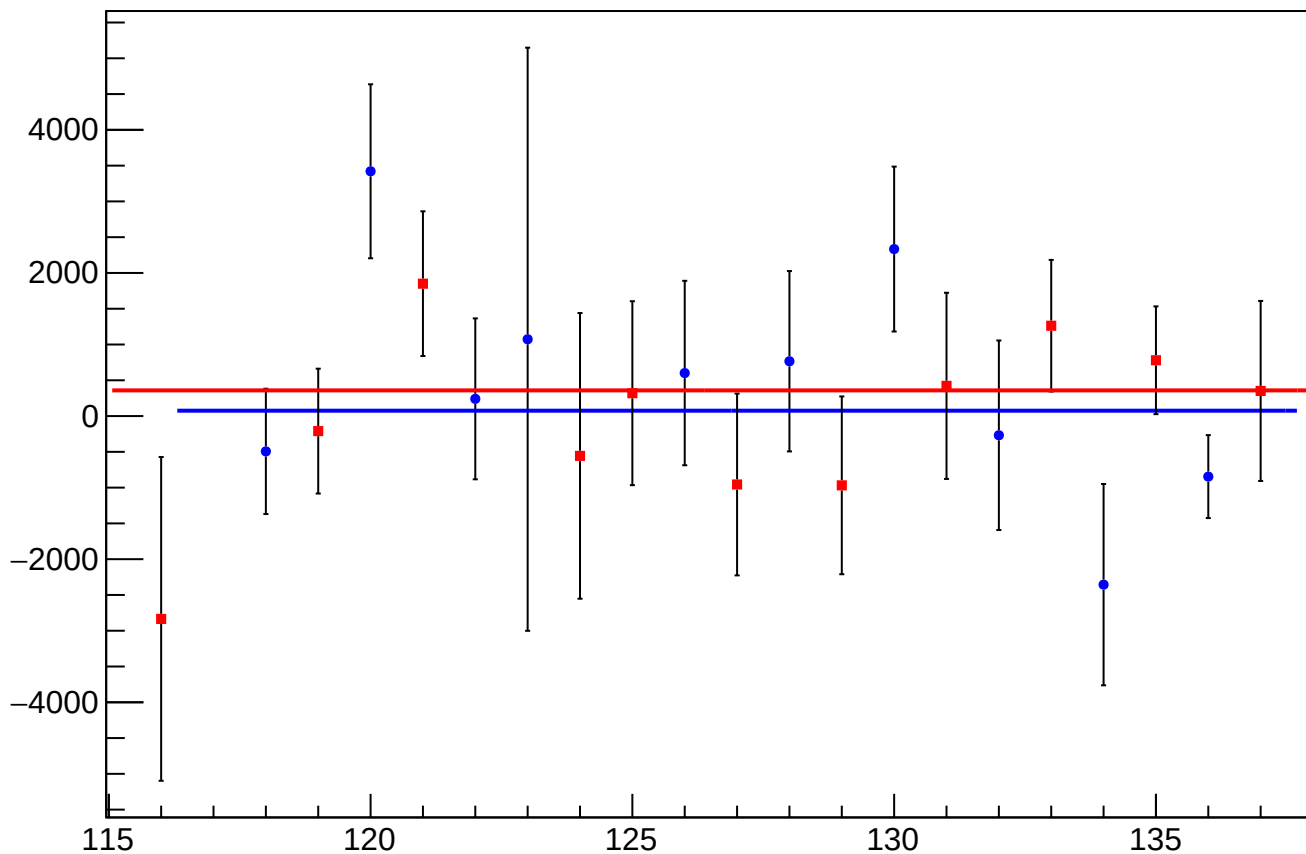
Right: 651.148+/-0.166 χ^2/NDF : 589376.0/20

In: 653.420+/-0.234 χ^2/NDF : 286770.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.148+/-0.166 χ^2/NDF : 589376.0/20

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 75.196+/-335.792 χ^2/NDF : 18.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.960+/-337.503 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

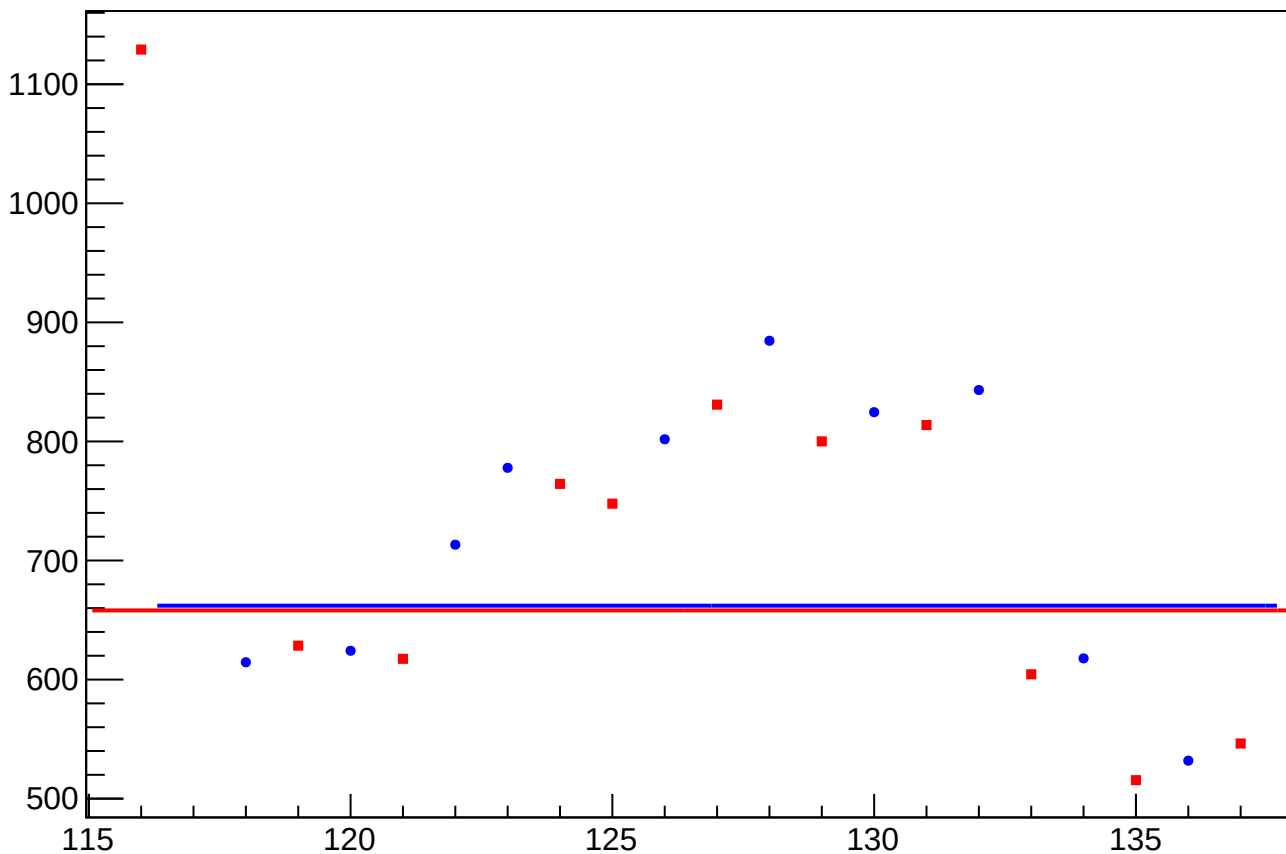
Right: 216.356+/-238.044 χ^2/NDF : 26.6/20

In: 75.196+/-335.792 χ^2/NDF : 18.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.356+/-238.044 χ^2/NDF : 26.6/20

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 662.065+/-0.237 χ^2/NDF : 279491.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.079+/-0.239 χ^2/NDF : 293715.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

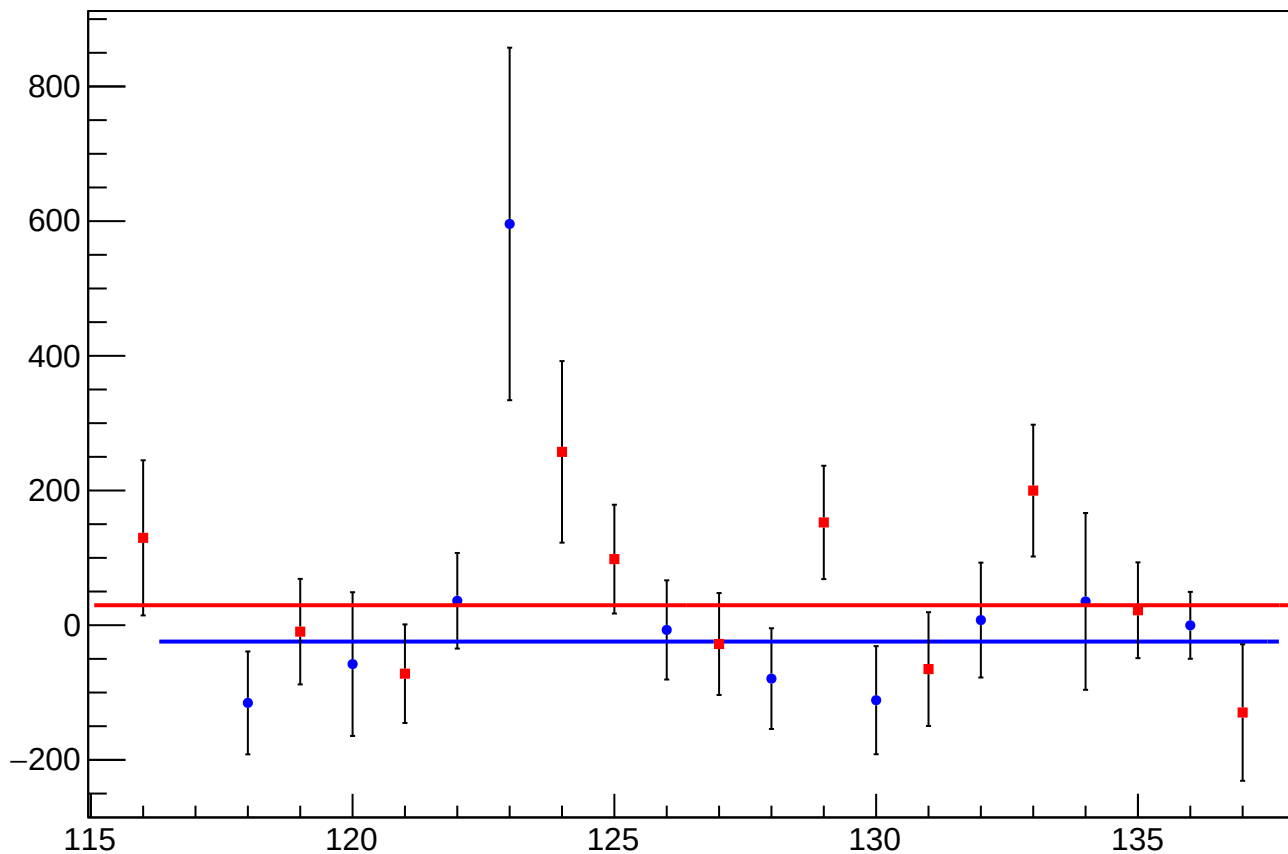
Right: 660.082+/-0.168 χ^2/NDF : 573346.9/20

In: 662.065+/-0.237 χ^2/NDF : 279491.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.082+/-0.168 χ^2/NDF : 573346.9/20

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -24.312 $\pm$ 25.065 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.660 $\pm$ 25.919 χ^2 /NDF: 16.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

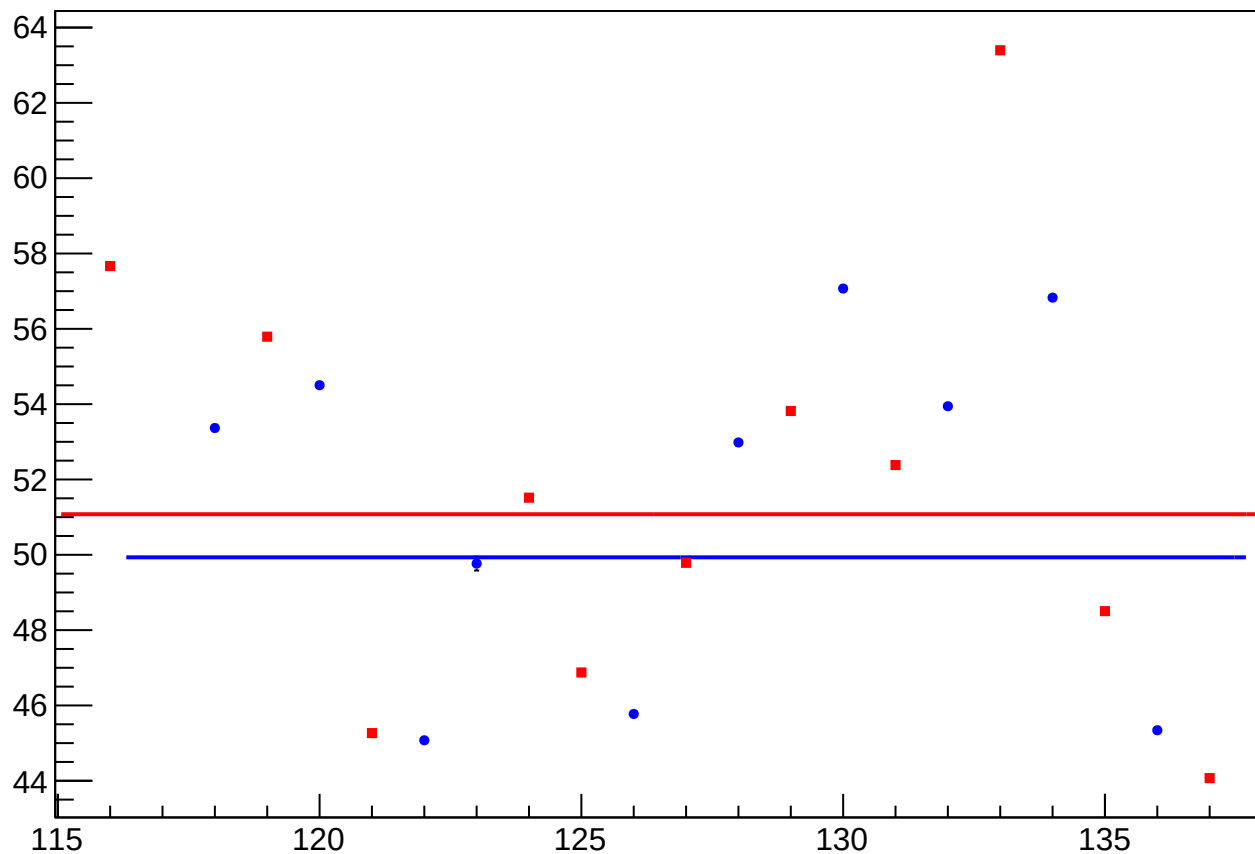
Right: 1.771 $\pm$ 18.018 χ^2 /NDF: 28.4/20

In: -24.312 $\pm$ 25.065 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.771 $\pm$ 18.018 χ^2 /NDF: 28.4/20

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 49.933+/-0.018 χ^2/NDF : 69636.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.077+/-0.018 χ^2/NDF : 78871.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

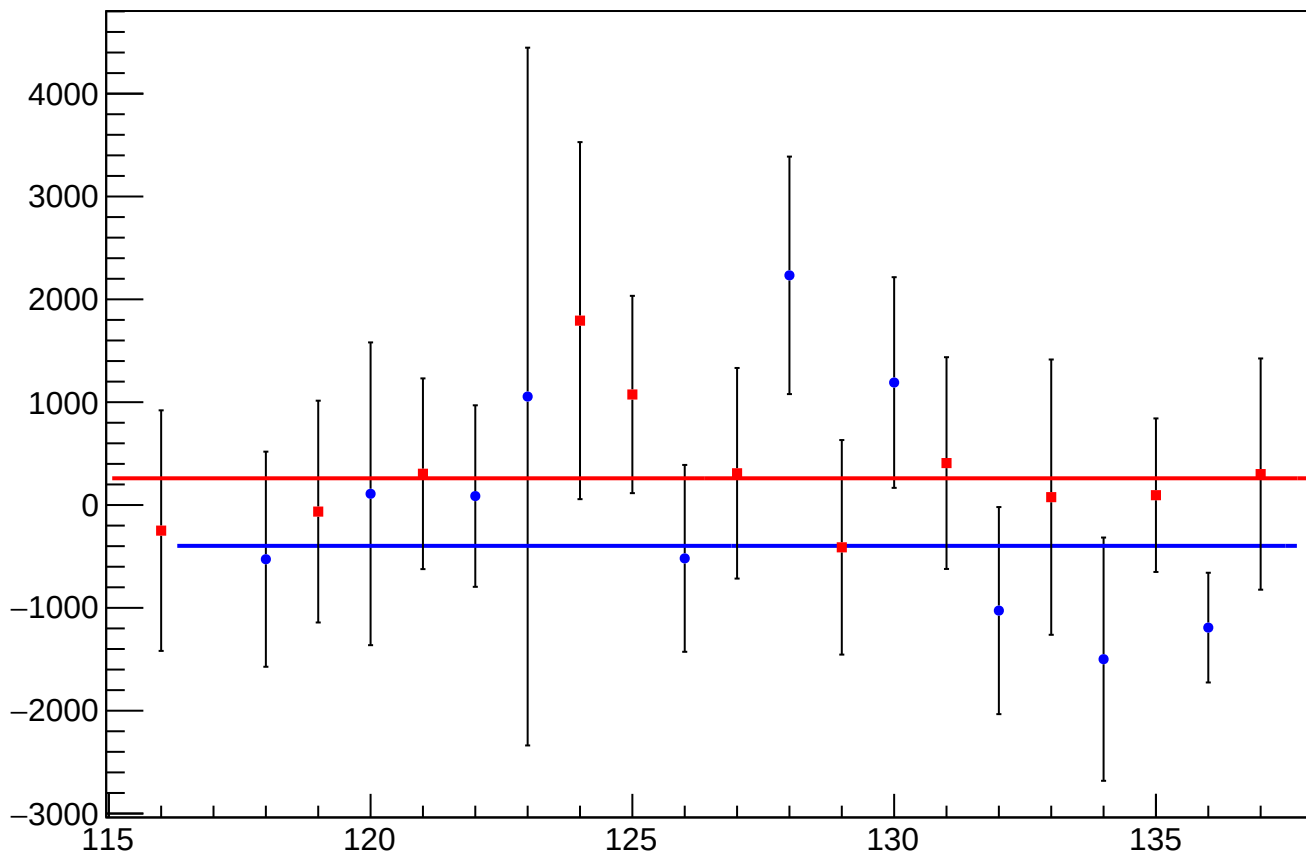
Right: 50.486+/-0.013 χ^2/NDF : 150522.3/20

In: 49.933+/-0.018 χ^2/NDF : 69636.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.486+/-0.013 χ^2/NDF : 150522.3/20

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -397.083+/-303.225 χ^2/NDF : 11.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 259.902+/-314.159 χ^2/NDF : 2.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

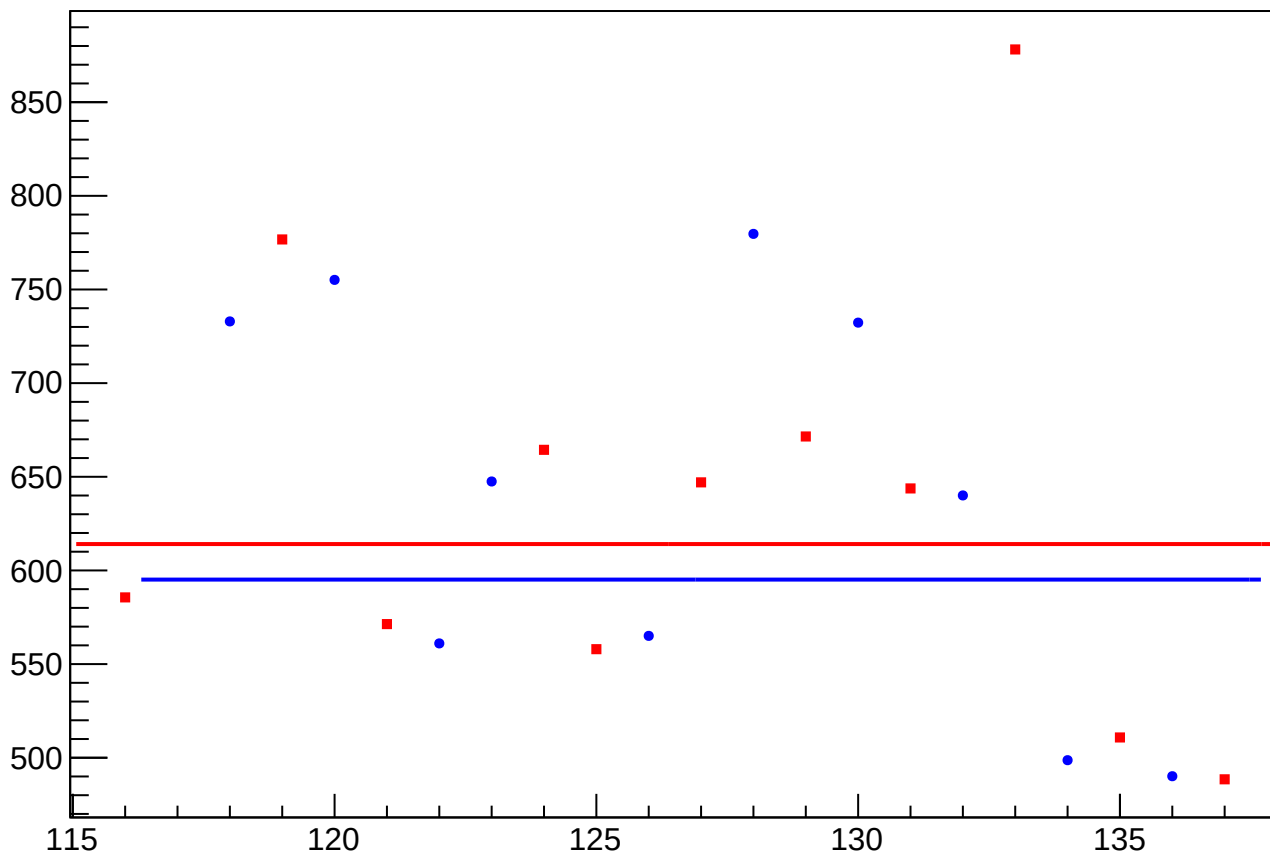
Right: -80.223+/-218.176 χ^2/NDF : 16.3/20

In: -397.083+/-303.225 χ^2/NDF :11.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -80.223+/-218.176 χ^2/NDF : 16.3/20

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 595.115+/-0.214 χ^2/NDF : 245712.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 614.085+/-0.222 χ^2/NDF : 210307.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

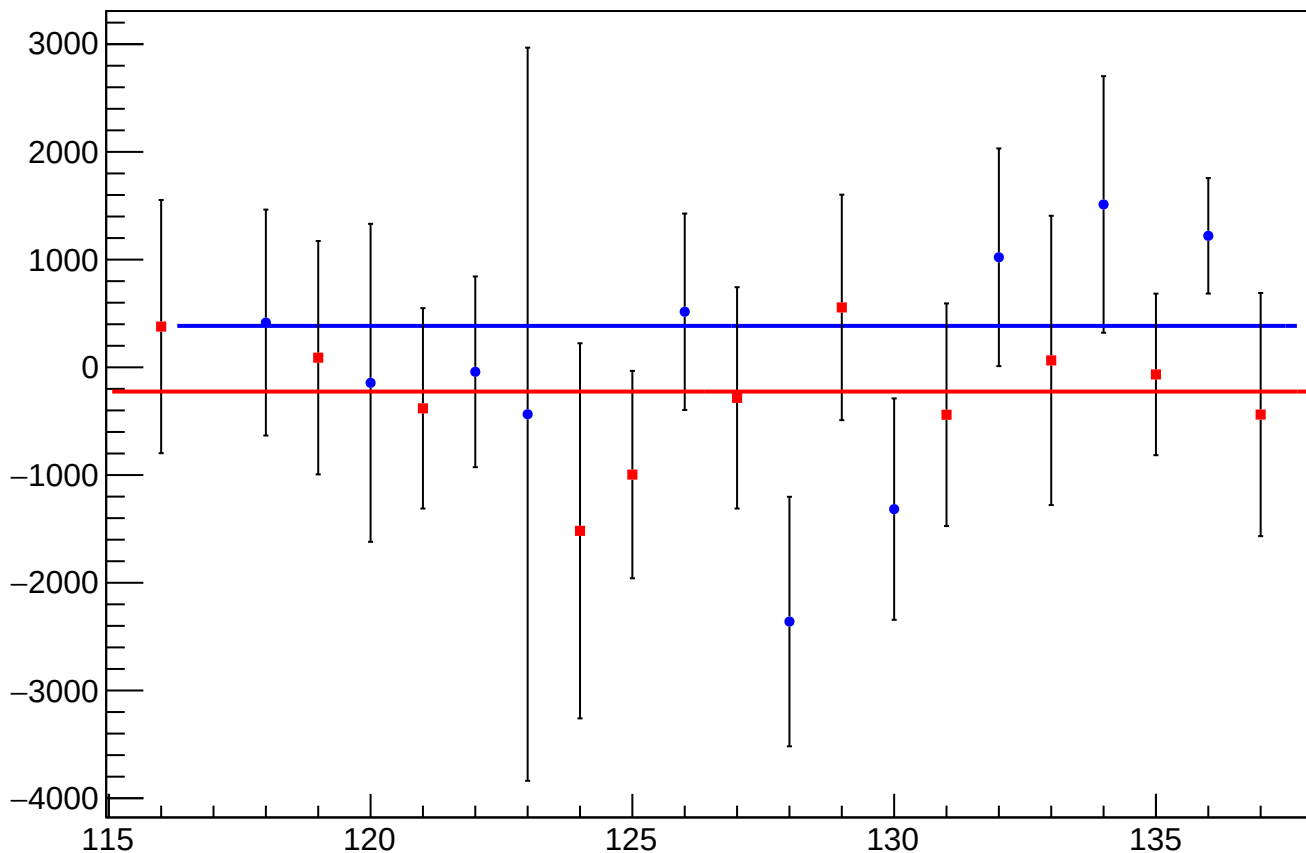
Right: 604.264+/-0.154 χ^2/NDF : 459794.6/20

In: 595.115+/-0.214 χ^2/NDF : 245712.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 604.264+/-0.154 χ^2/NDF : 459794.6/20

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 384.726+/-304.423 χ^2/NDF : 12.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.048+/-315.374 χ^2/NDF : 2.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

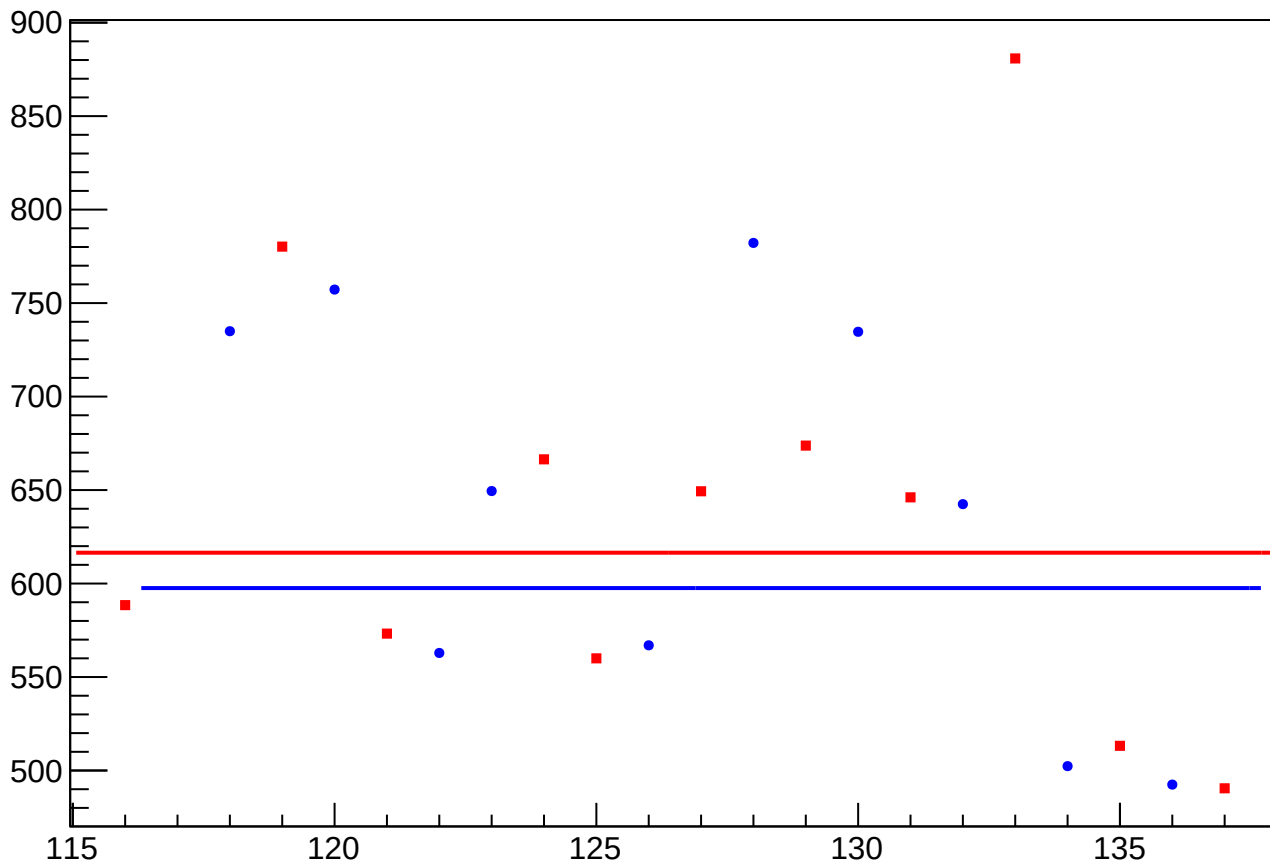
Right: 90.609+/-219.029 χ^2/NDF : 16.8/20

In: 384.726+/-304.423 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.609+/-219.029 χ^2/NDF : 16.8/20

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 597.581+/-0.215 χ^2/NDF : 243563.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.492+/-0.223 χ^2/NDF : 209736.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

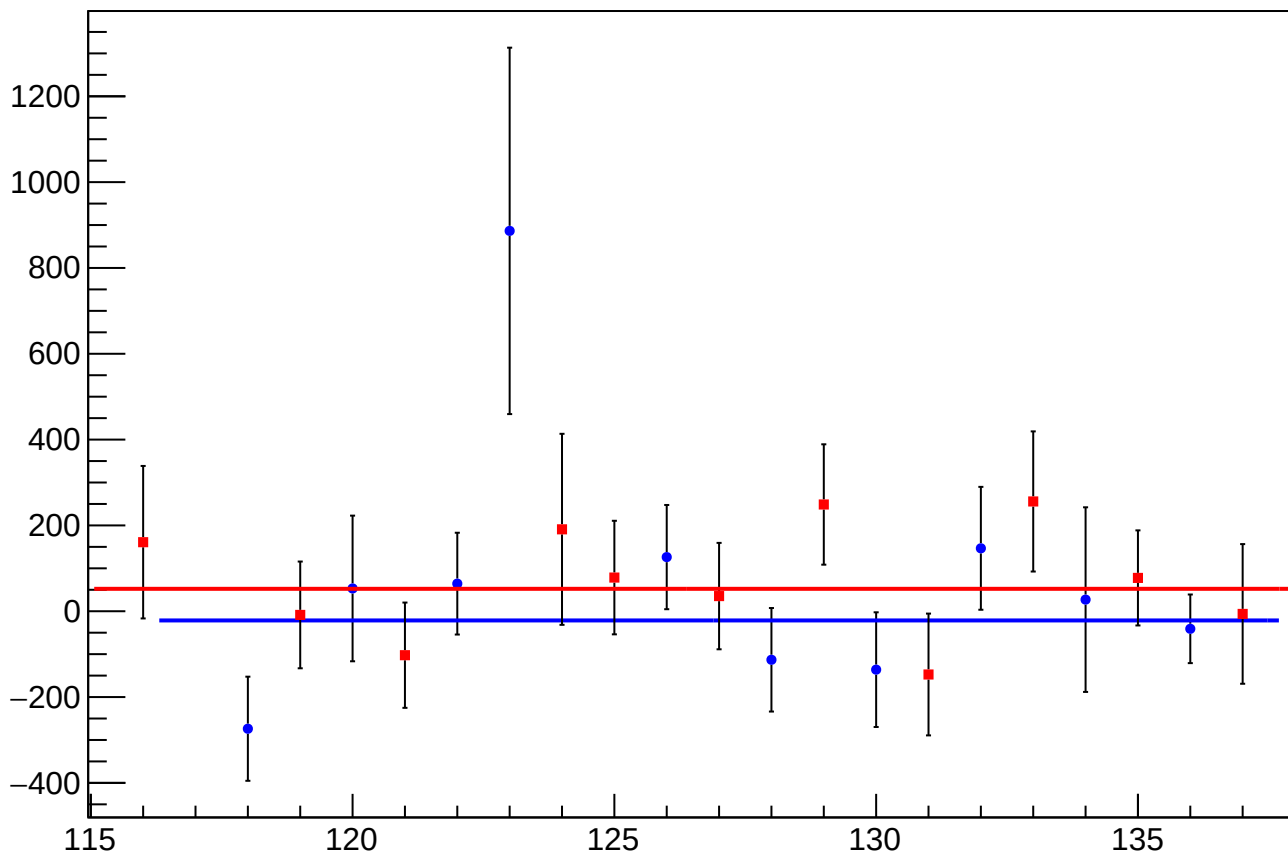
Right: 606.702+/-0.155 χ^2/NDF : 457022.1/20

In: 597.581+/-0.215 χ^2/NDF : 243563.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.702+/-0.155 χ^2/NDF : 457022.1/20

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -21.442 ± 40.876 χ^2/NDF : 13.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.247 ± 42.170 χ^2/NDF : 8.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

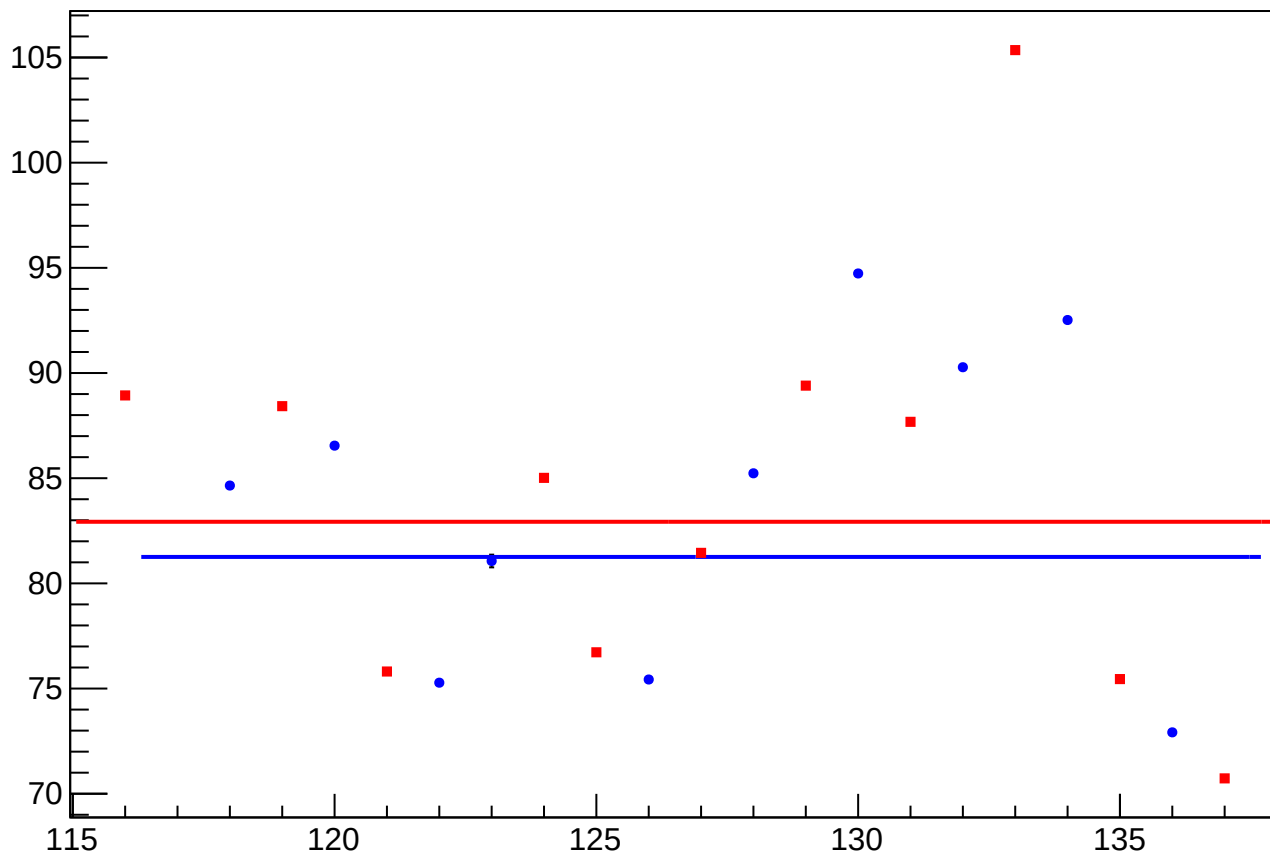
Right: 14.254 ± 29.351 χ^2/NDF : 23.7/20

In: -21.442 ± 40.876 χ^2/NDF : 13.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 14.254 ± 29.351 χ^2/NDF : 23.7/20

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 81.257+/-0.029 χ^2/NDF : 70869.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.929+/-0.030 χ^2/NDF : 82343.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

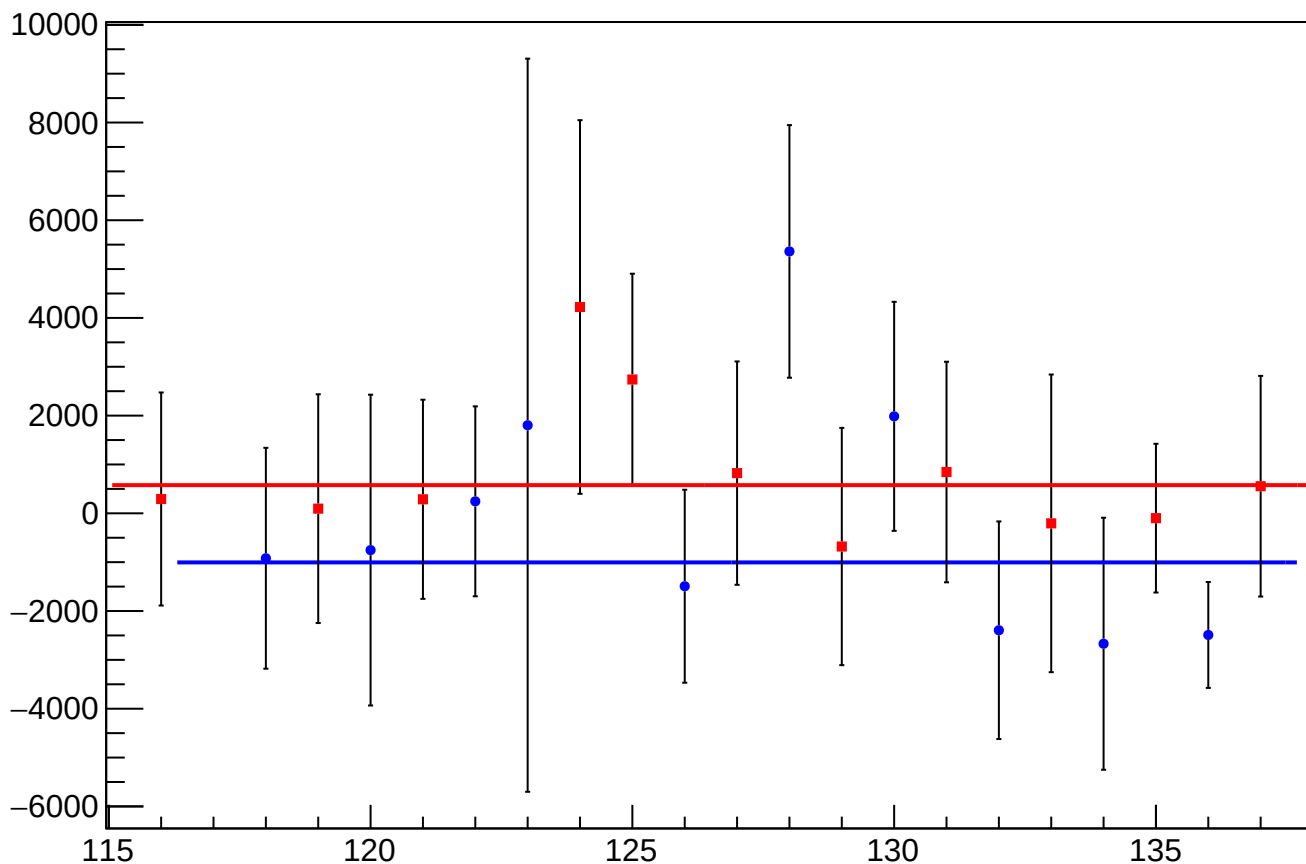
Right: 82.067+/-0.021 χ^2/NDF : 154832.9/20

In: 81.257+/-0.029 χ^2/NDF : 70869.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.067+/-0.021 χ^2/NDF : 154832.9/20

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -1004.934+/-649.962 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.860+/-673.095 χ^2/NDF : 2.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

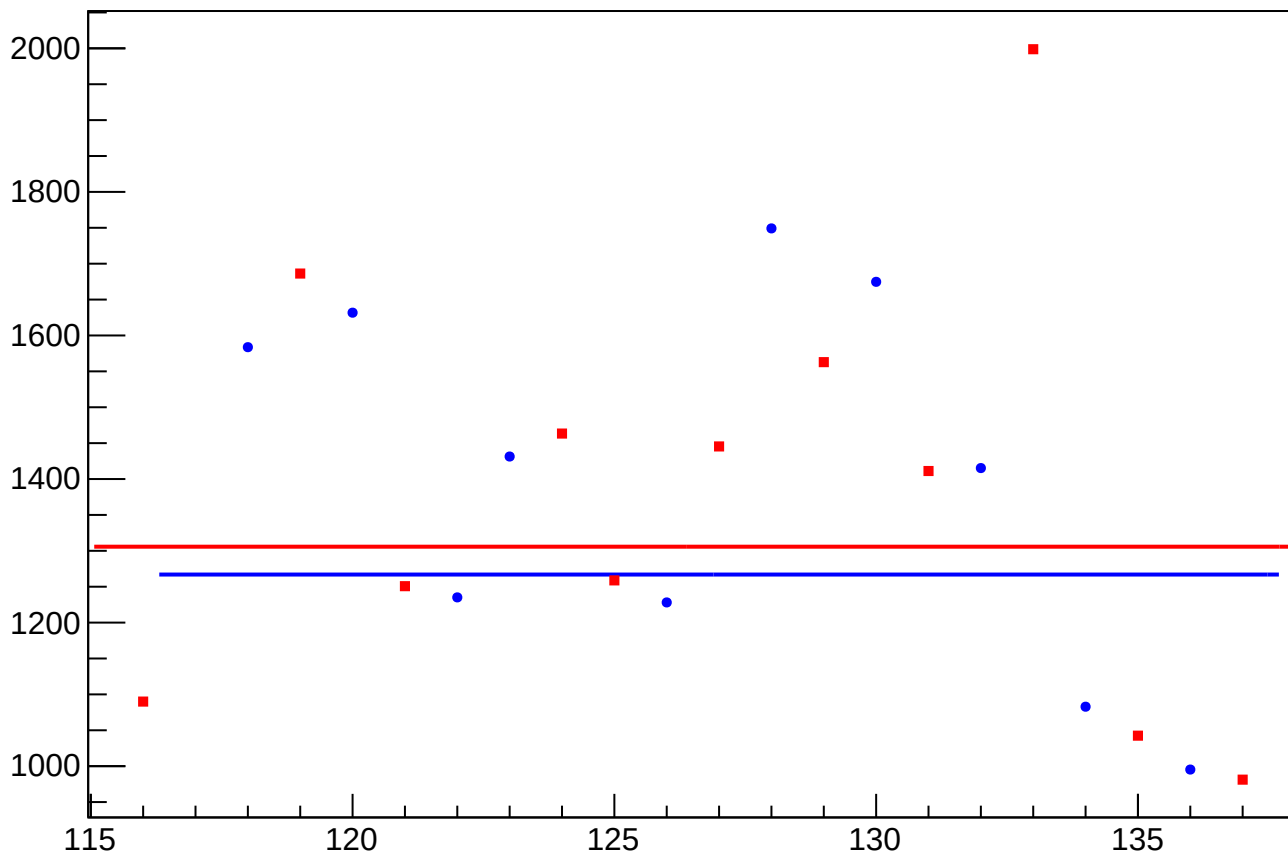
Right: -241.686+/-467.557 χ^2/NDF : 16.4/20

In: -1004.934+/-649.962 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.686+/-467.557 χ^2/NDF : 16.4/20

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1266.944+/-0.460 χ^2/NDF : 342521.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1305.752+/-0.476 χ^2/NDF : 317000.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

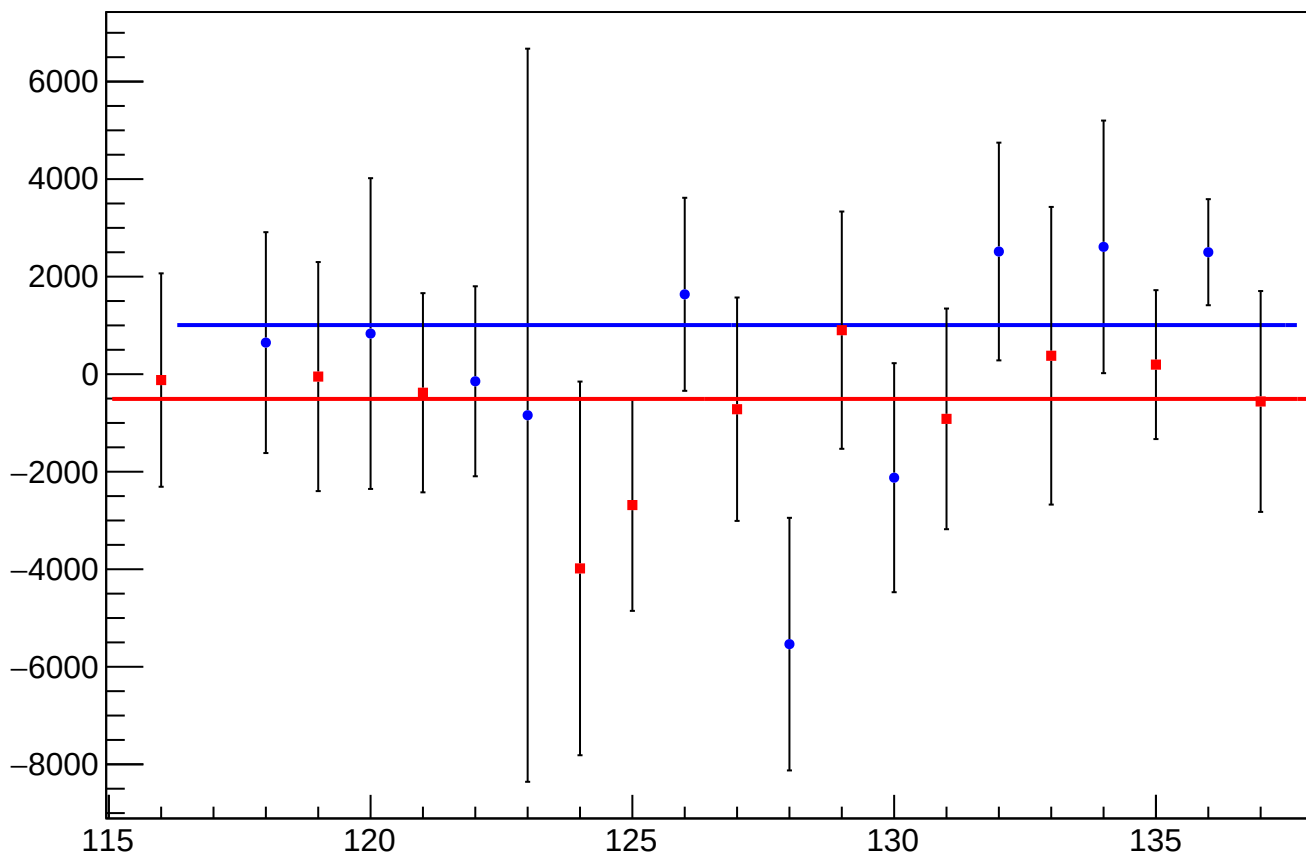
Right: 1285.670+/-0.331 χ^2/NDF : 662962.6/20

In: 1266.944+/-0.460 χ^2/NDF : 342521.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.670+/-0.331 χ^2/NDF : 662962.6/20

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1006.877+/-651.524 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -507.492+/-674.679 χ^2/NDF : 2.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

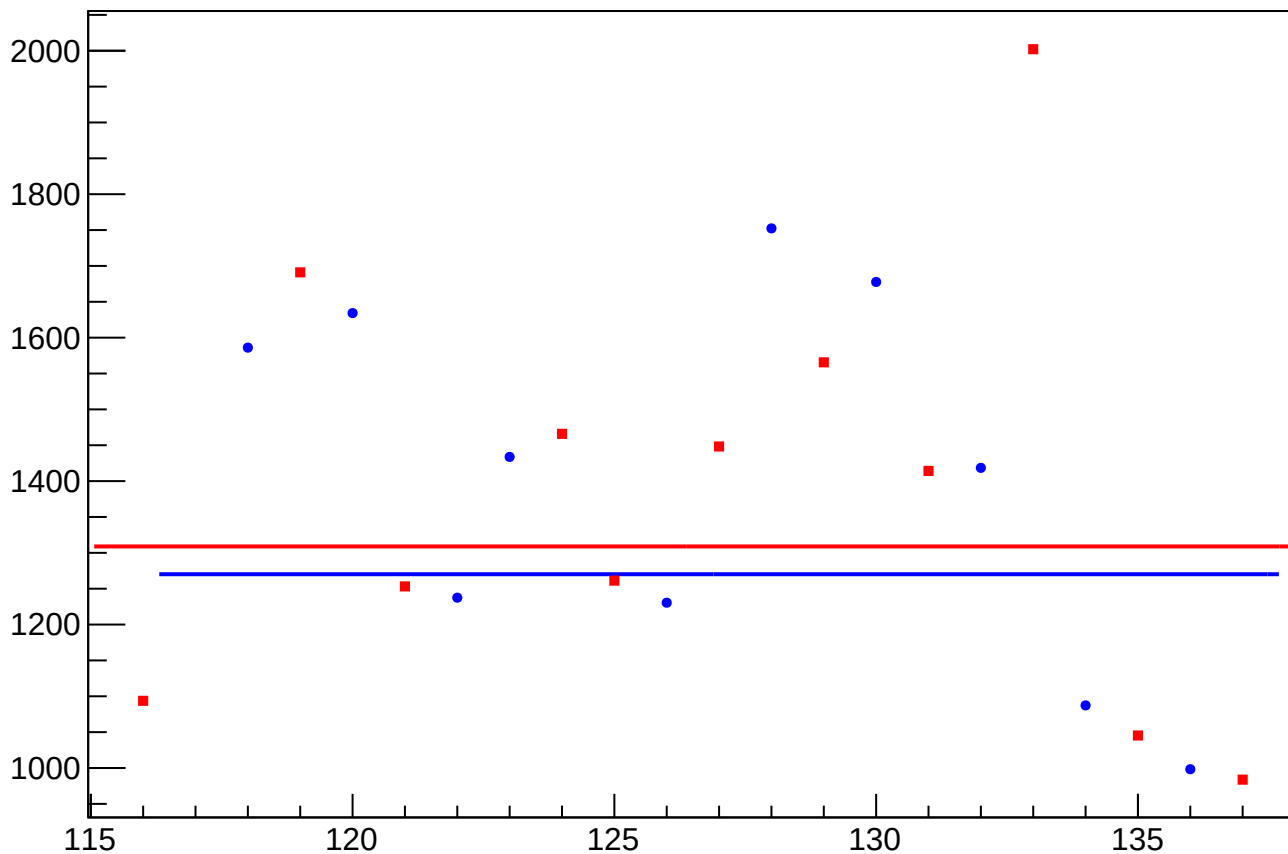
Right: 276.125+/-468.669 χ^2/NDF : 16.6/20

In: 1006.877+/-651.524 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.125+/-468.669 χ^2/NDF : 16.6/20

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1270.177+/-0.461 χ^2/NDF : 340678.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1308.909+/-0.477 χ^2/NDF : 316151.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

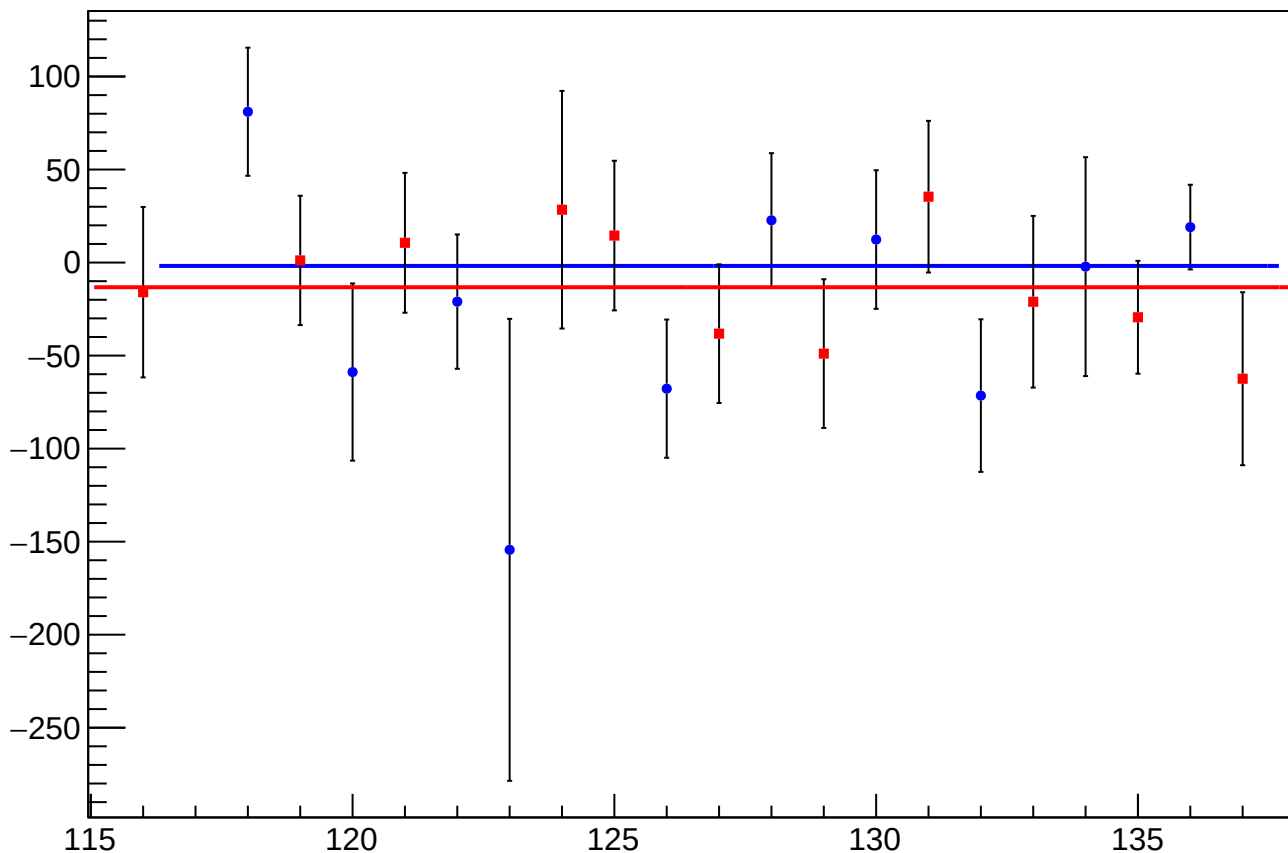
Right: 1288.867+/-0.331 χ^2/NDF : 660240.9/20

In: 1270.177+/-0.461 χ^2/NDF : 340678.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.867+/-0.331 χ^2/NDF : 660240.9/20

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -1.799+/-11.831 χ^2/NDF : 16.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.264+/-12.086 χ^2/NDF : 5.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

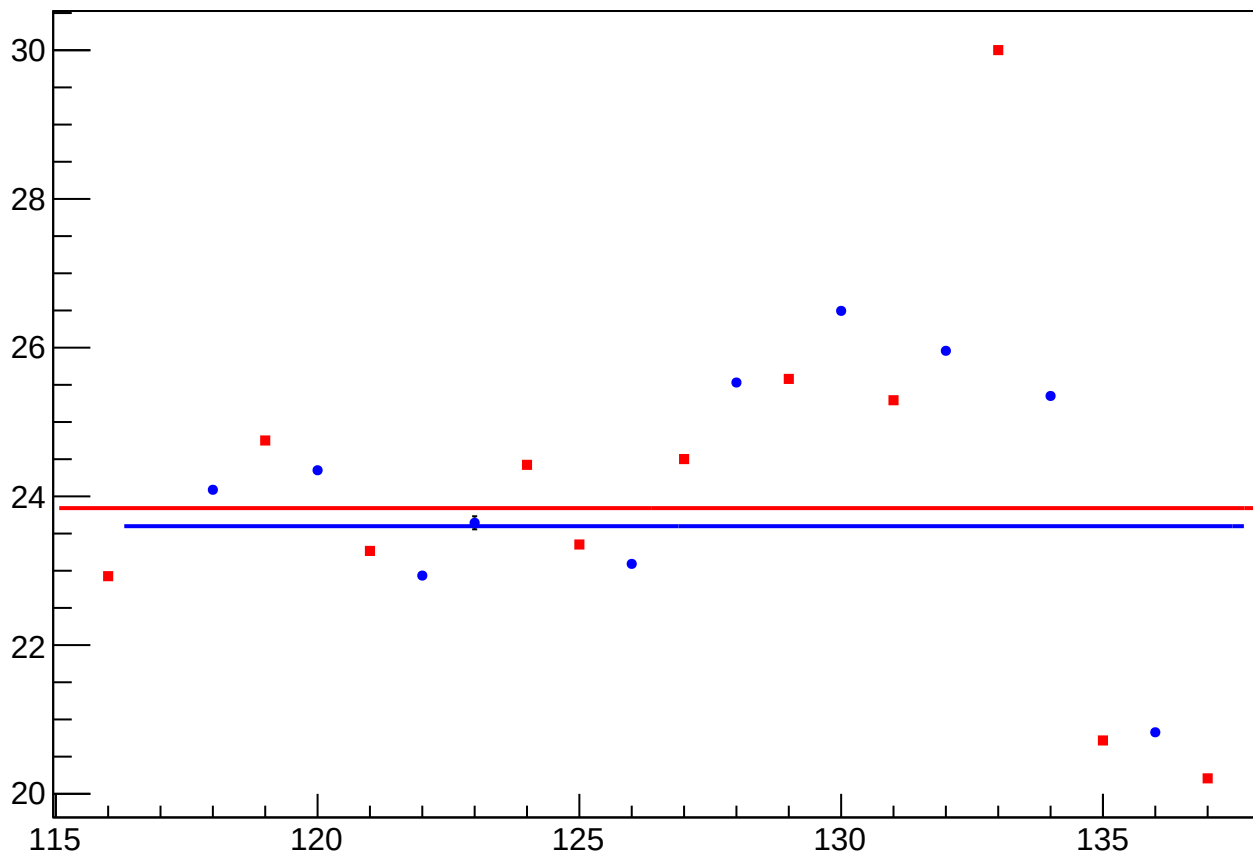
Right: -7.409+/-8.455 χ^2/NDF : 22.6/20

In: -1.799+/-11.831 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.409+/-8.455 χ^2/NDF : 22.6/20

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 23.599+/-0.008 χ^2/NDF : 57818.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.842+/-0.009 χ^2/NDF : 79155.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

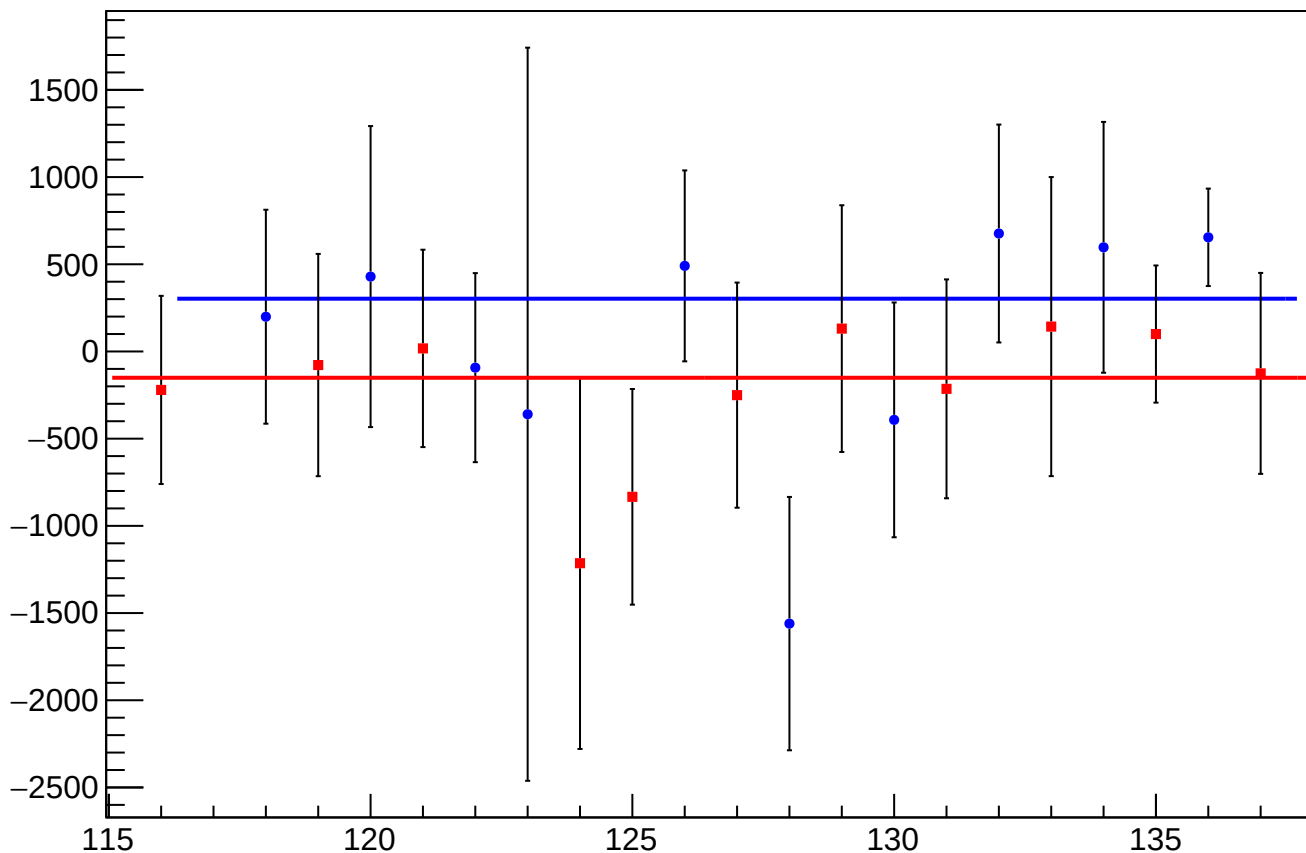
Right: 23.718+/-0.006 χ^2/NDF : 137386.9/20

In: 23.599+/-0.008 χ^2/NDF : 57818.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.718+/-0.006 χ^2/NDF : 137386.9/20

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 302.598+/-175.736 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.790+/-181.689 χ^2/NDF : 3.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

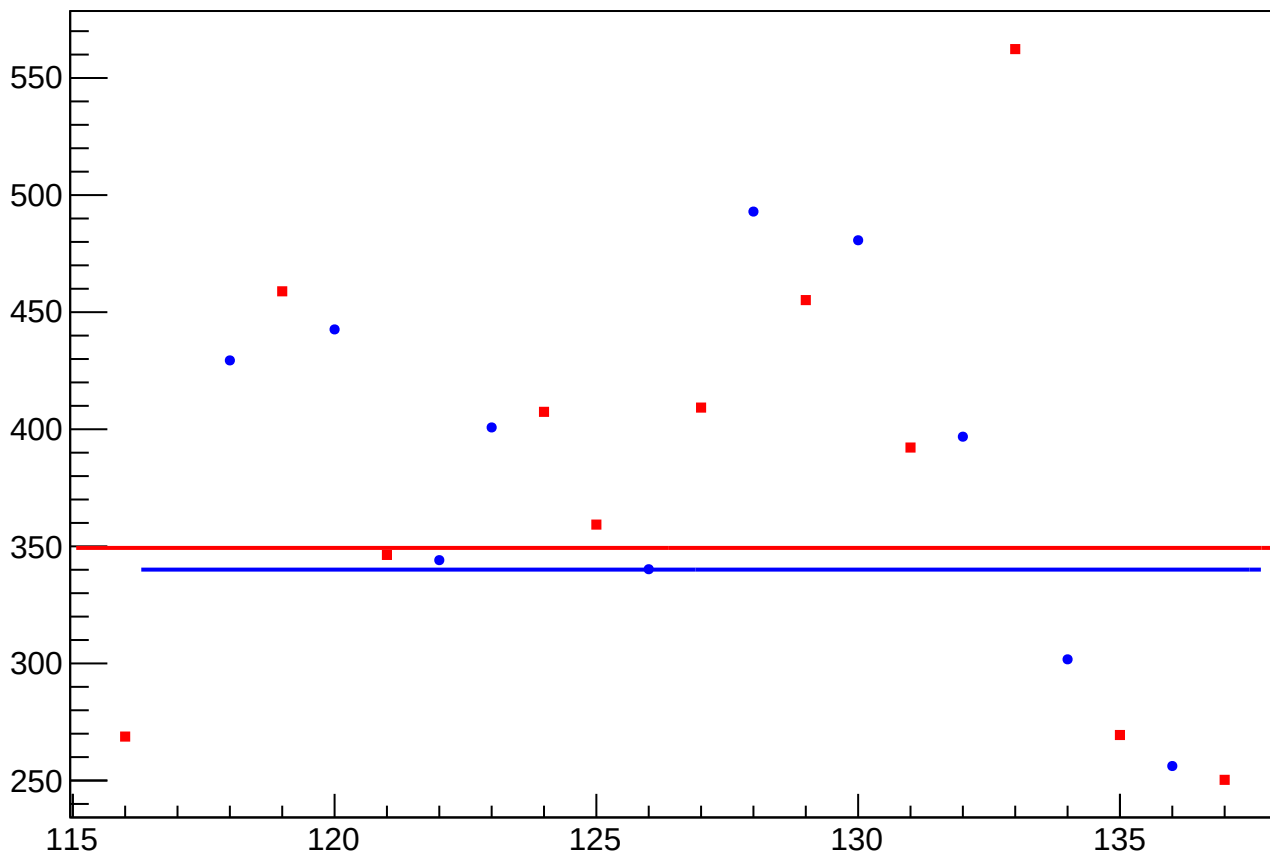
Right: 83.453+/-126.316 χ^2/NDF : 16.8/20

In: 302.598+/-175.736 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.453+/-126.316 χ^2/NDF : 16.8/20

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 340.066+/-0.124 χ^2/NDF : 450846.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 349.331+/-0.128 χ^2/NDF : 446651.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

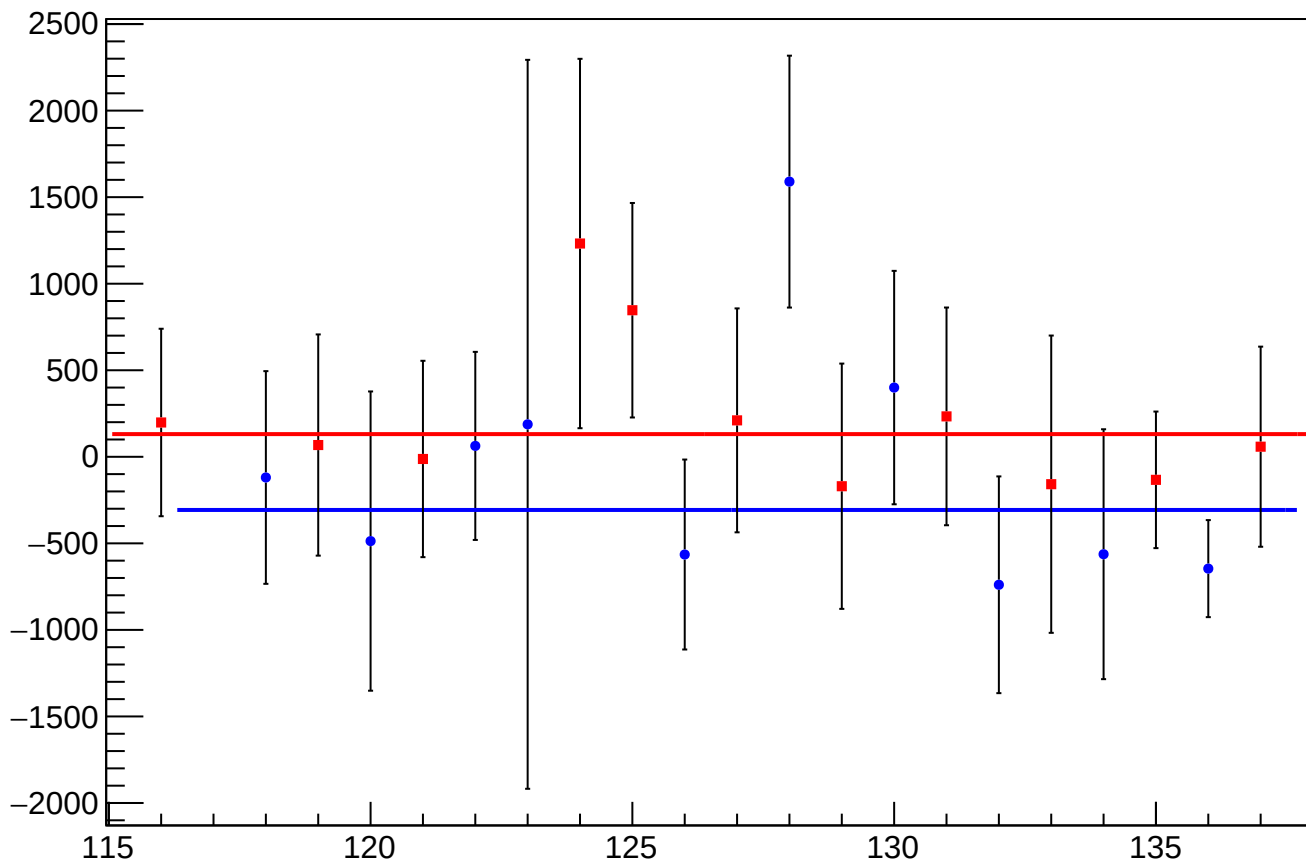
Right: 344.544+/-0.089 χ^2/NDF : 900184.3/20

In: 340.066+/-0.124 χ^2/NDF : 450846.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.544+/-0.089 χ^2/NDF : 900184.3/20

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -307.105+/-176.212 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.108+/-182.163 χ^2/NDF : 3.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

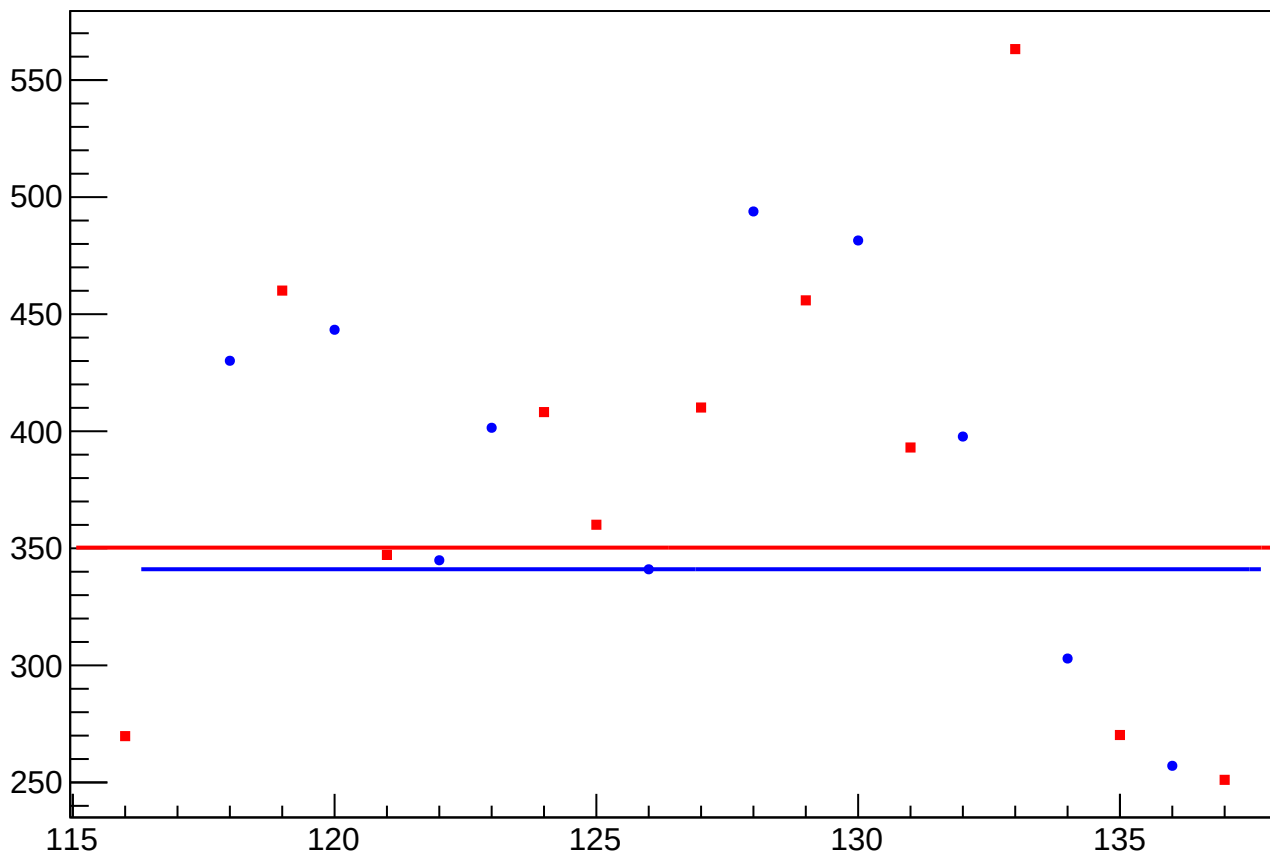
Right: -95.273+/-126.652 χ^2/NDF : 17.1/20

In: -307.105+/-176.212 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.273+/-126.652 χ^2/NDF : 17.1/20

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 341.063+/-0.125 χ^2/NDF : 448069.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.296+/-0.129 χ^2/NDF : 444676.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

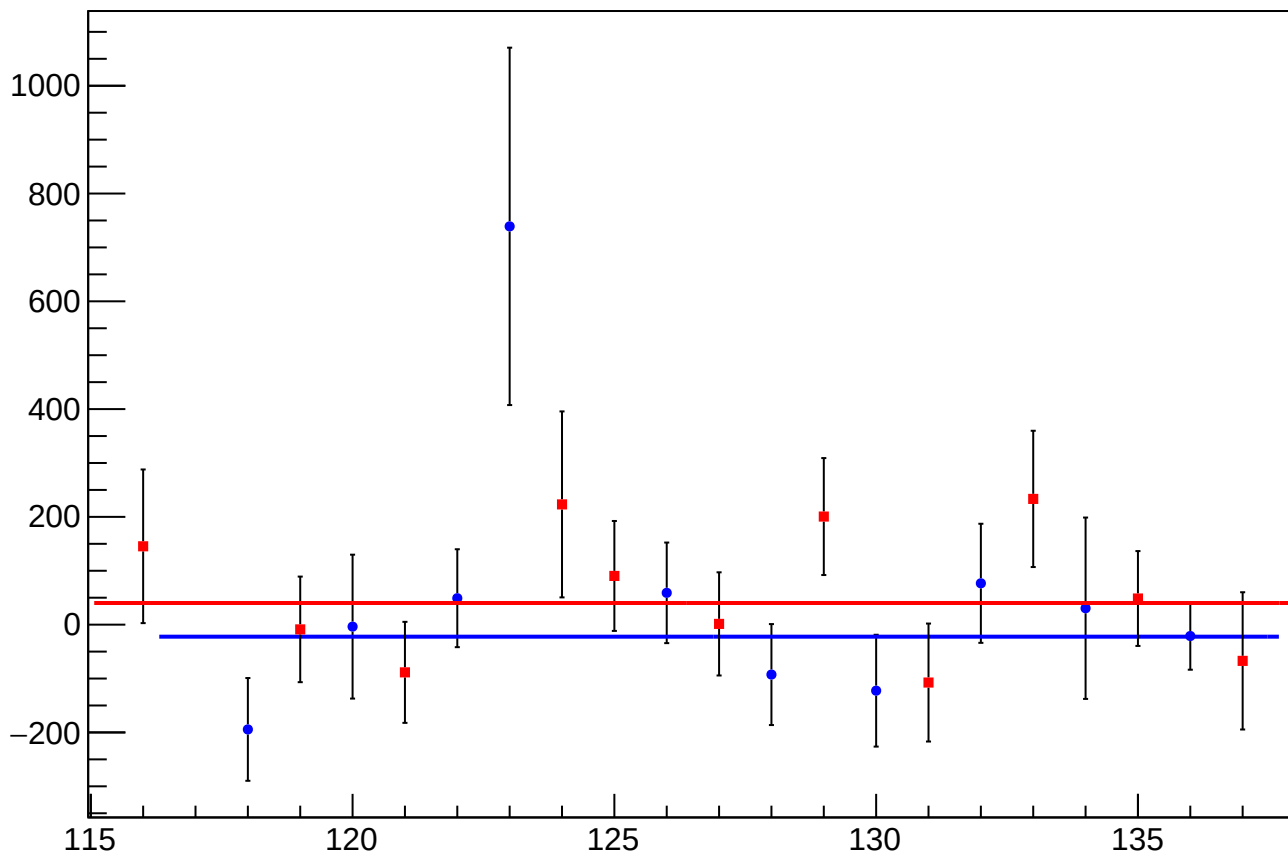
Right: 345.526+/-0.090 χ^2/NDF : 895400.0/20

In: 341.063+/-0.125 χ^2/NDF : 448069.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.526+/-0.090 χ^2/NDF : 895400.0/20

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -22.312 $\pm$ 31.768 χ^2 /NDF: 12.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.187 $\pm$ 32.832 χ^2 /NDF: 11.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

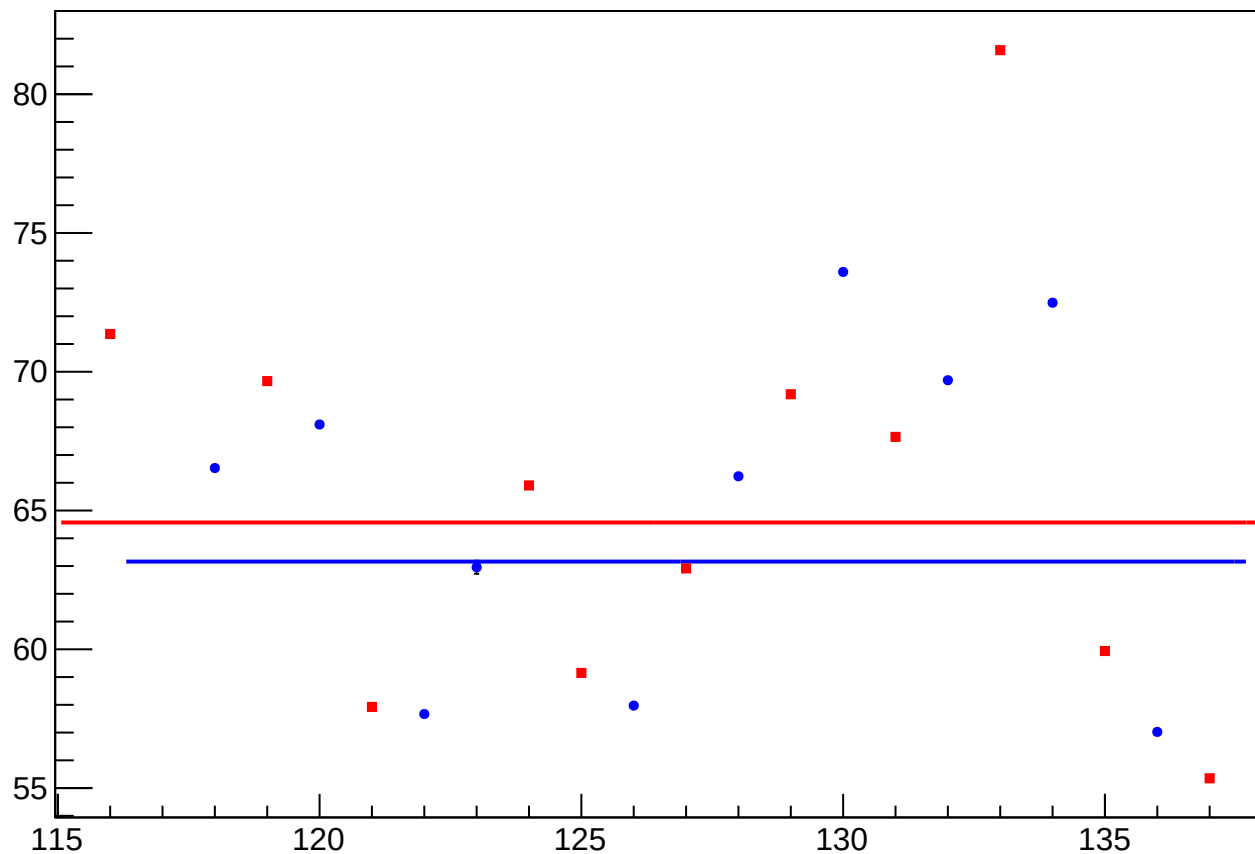
Right: 7.909 $\pm$ 22.830 χ^2 /NDF: 25.5/20

In: -22.312 $\pm$ 31.768 χ^2 /NDF:12.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.909 $\pm$ 22.830 χ^2 /NDF: 25.5/20

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 63.161+/-0.022 χ^2/NDF : 73508.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 64.569+/-0.023 χ^2/NDF : 83817.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

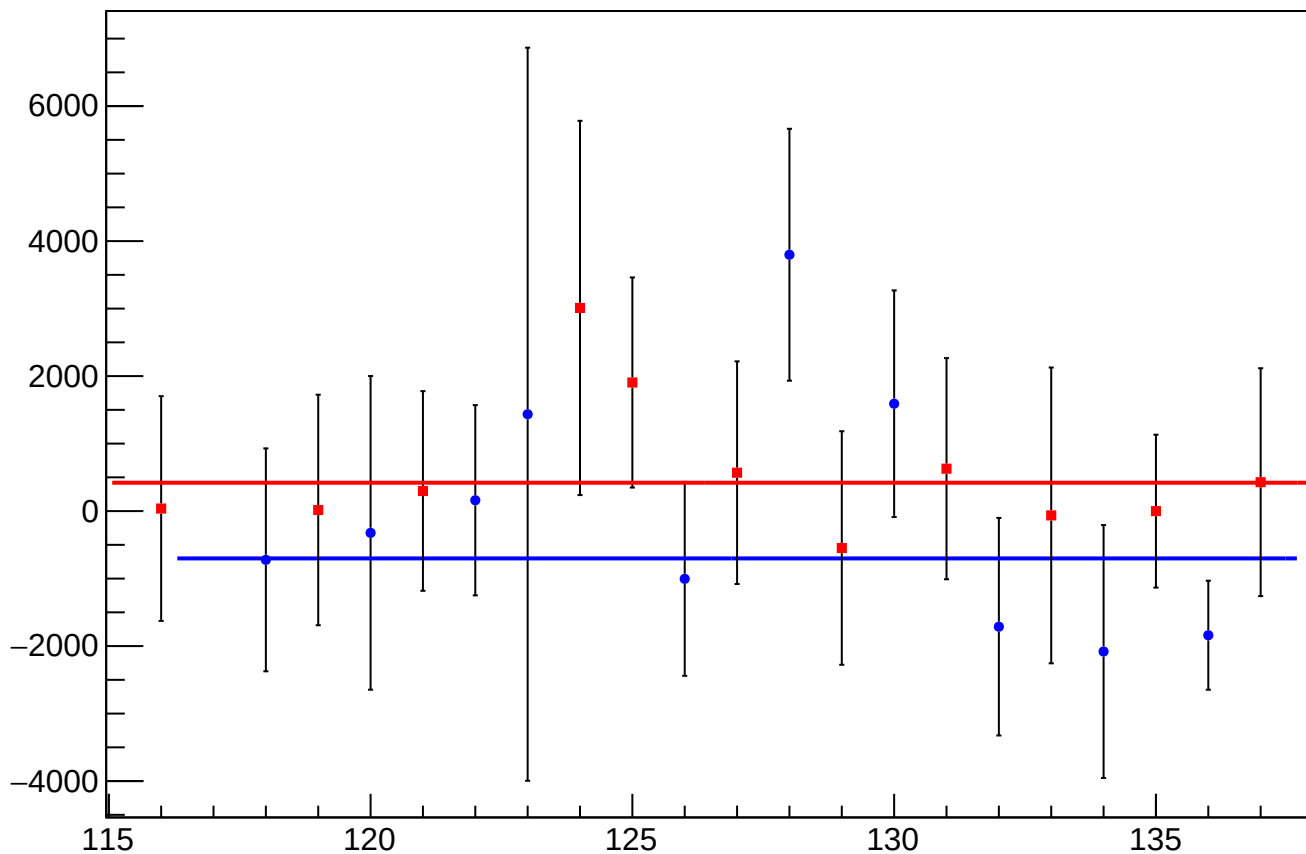
Right: 63.842+/-0.016 χ^2/NDF : 159227.8/20

In: 63.161+/-0.022 χ^2/NDF :73508.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 63.842+/-0.016 χ^2/NDF : 159227.8/20

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -701.189+/-475.679 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.387+/-492.890 χ^2/NDF : 2.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

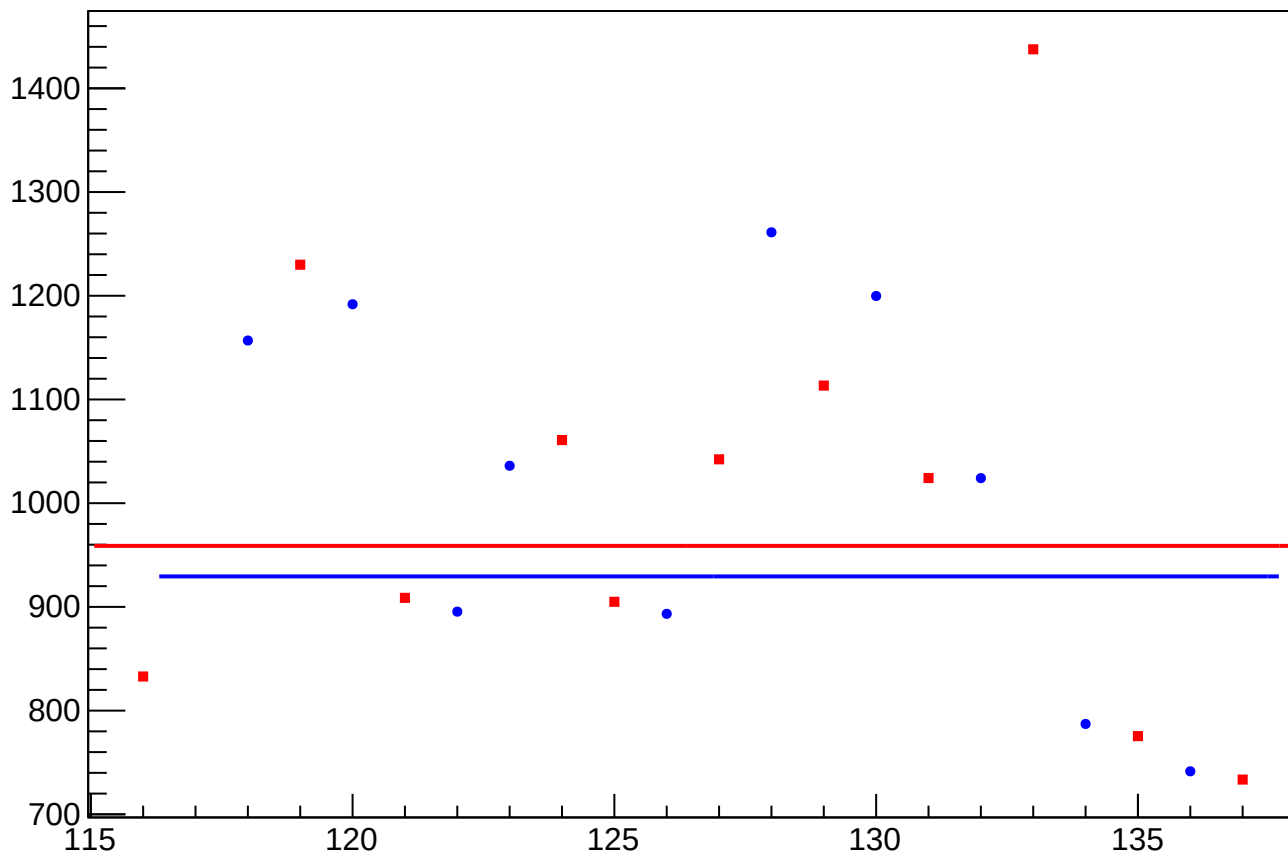
Right: -160.325+/-342.279 χ^2/NDF : 16.3/20

In: -701.189+/-475.679 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.325+/-342.279 χ^2/NDF : 16.3/20

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 929.401+/-0.336 χ^2/NDF : 308503.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.842+/-0.349 χ^2/NDF : 277080.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

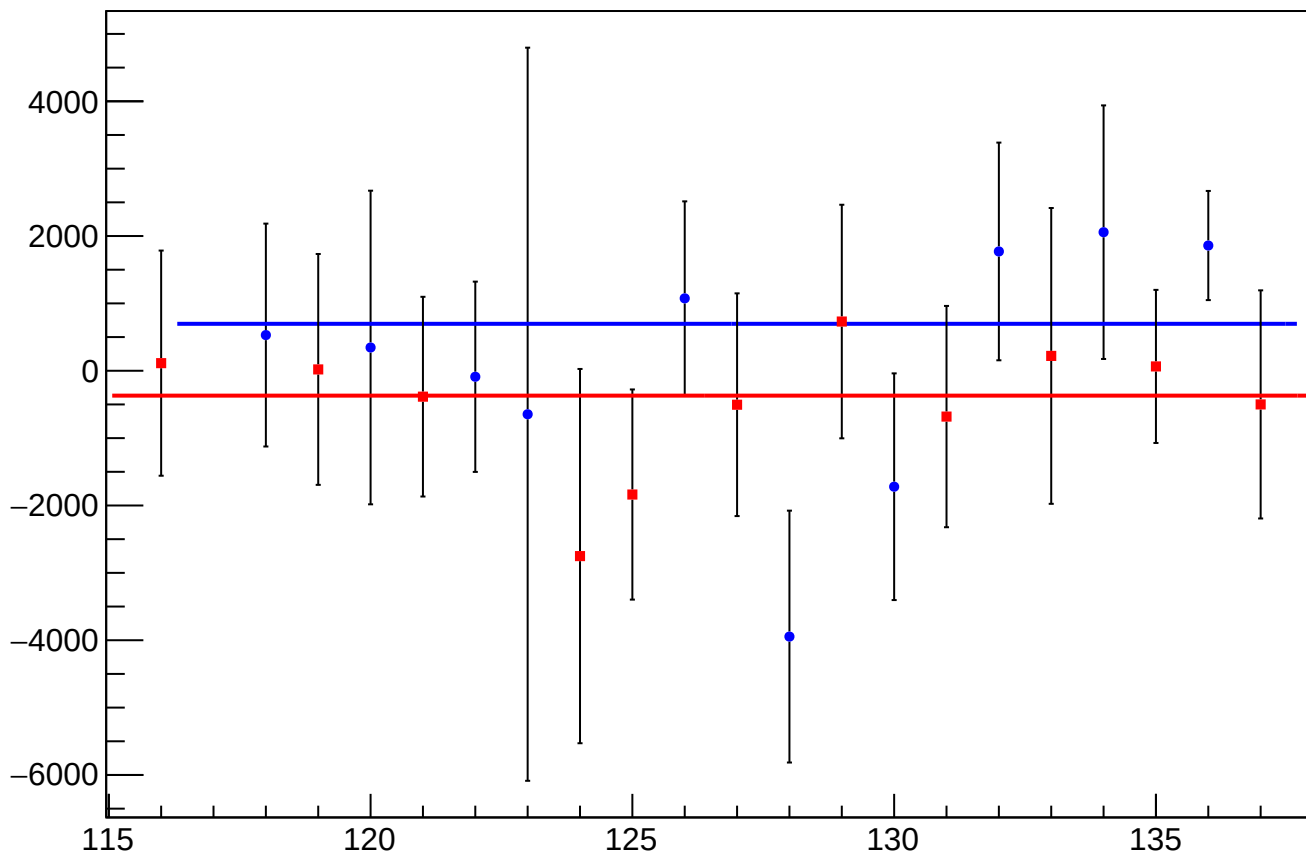
Right: 943.599+/-0.242 χ^2/NDF : 589278.3/20

In: 929.401+/-0.336 χ^2/NDF : 308503.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.599+/-0.242 χ^2/NDF : 589278.3/20

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 696.892+/-476.956 χ^2/NDF : 11.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -369.173+/-494.188 χ^2/NDF : 2.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

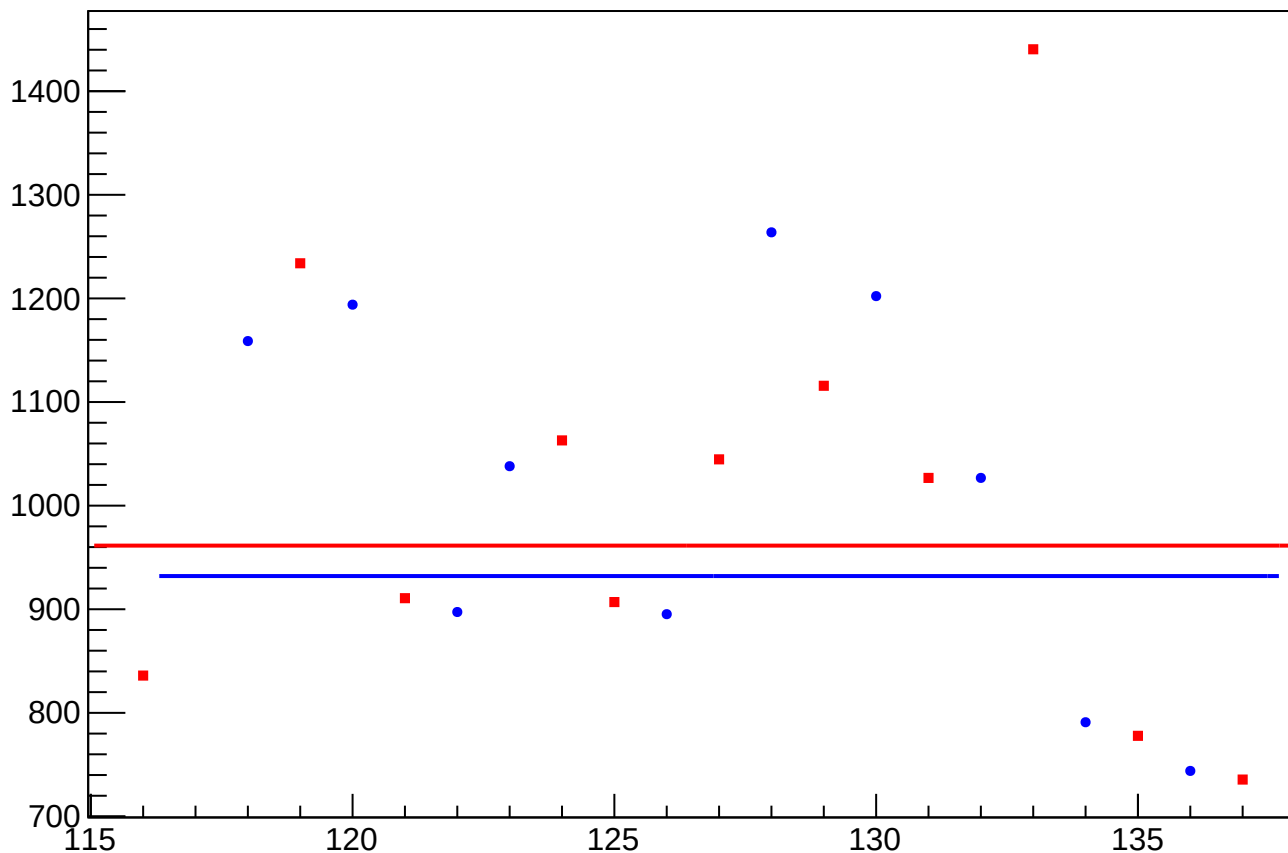
Right: 182.771+/-343.189 χ^2/NDF : 16.6/20

In: 696.892+/-476.956 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.771+/-343.189 χ^2/NDF : 16.6/20

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 932.040+/-0.337 χ^2/NDF : 306642.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 961.421+/-0.349 χ^2/NDF : 276365.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

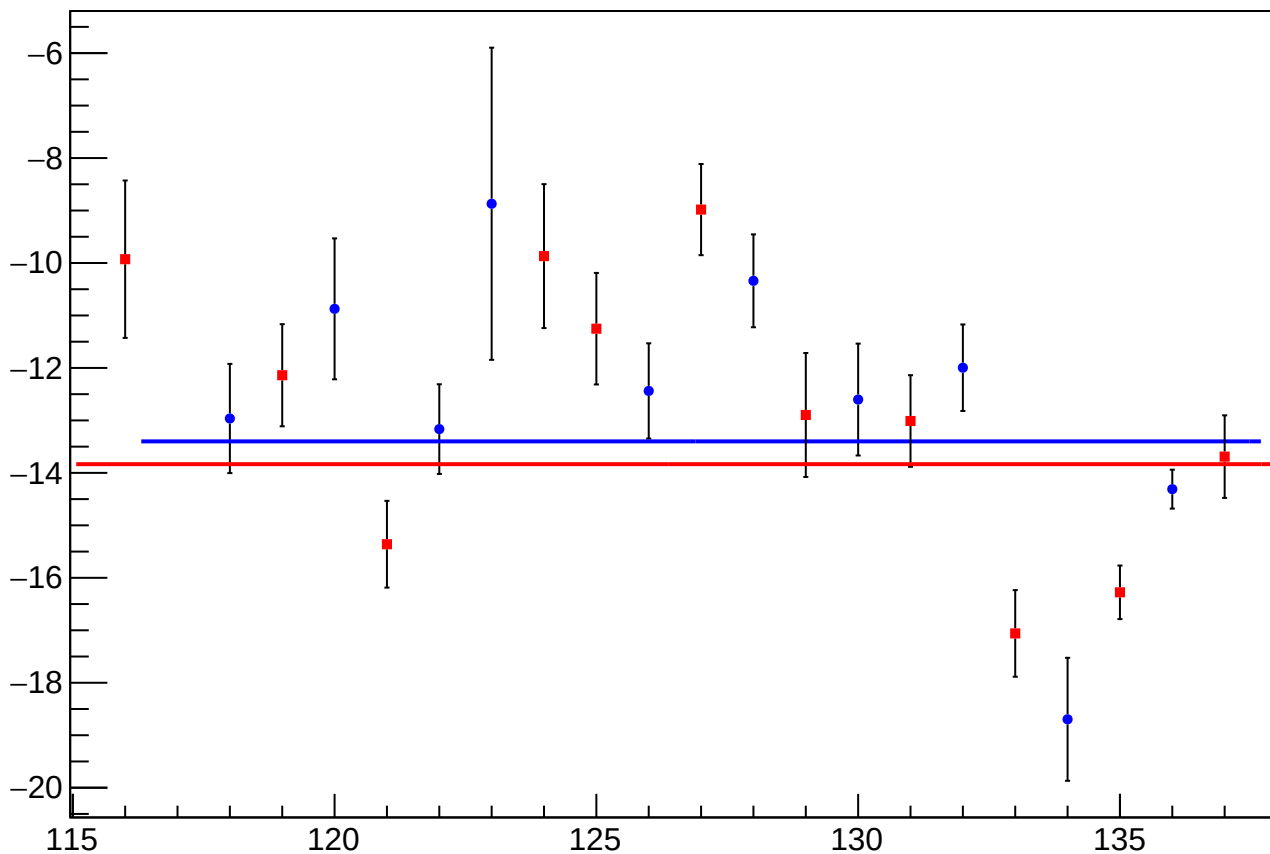
Right: 946.209+/-0.243 χ^2/NDF : 586667.8/20

In: 932.040+/-0.337 χ^2/NDF : 306642.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.209+/-0.243 χ^2/NDF : 586667.8/20

reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.400 $\pm$ 0.252 χ^2 /NDF: 49.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.834 $\pm$ 0.261 χ^2 /NDF: 98.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

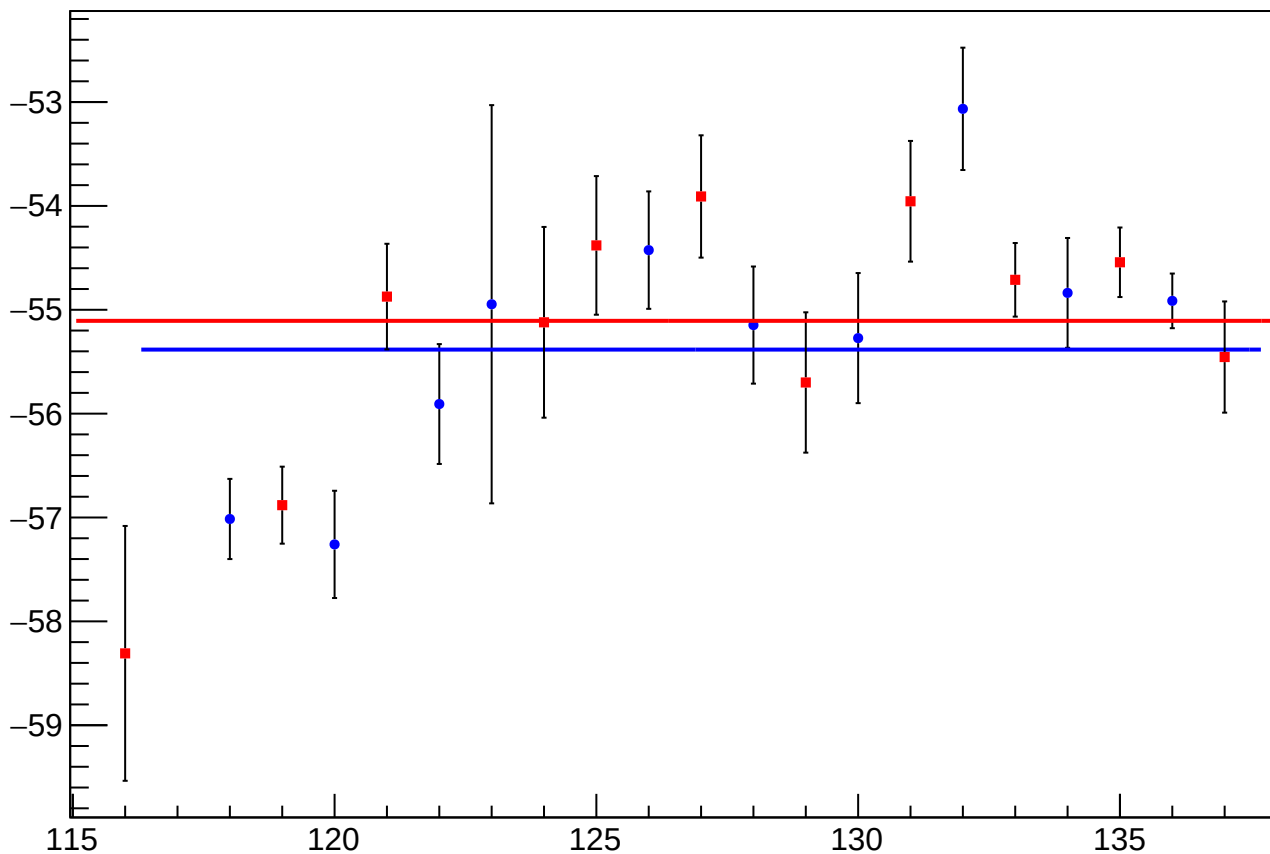
Right: -13.609 $\pm$ 0.181 χ^2 /NDF: 148.9/20

In: -13.400 $\pm$ 0.252 χ^2 /NDF:49.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.609 $\pm$ 0.181 χ^2 /NDF: 148.9/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -55.383 $\pm$ 0.152 χ^2 /NDF: 54.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.106 $\pm$ 0.151 χ^2 /NDF: 44.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

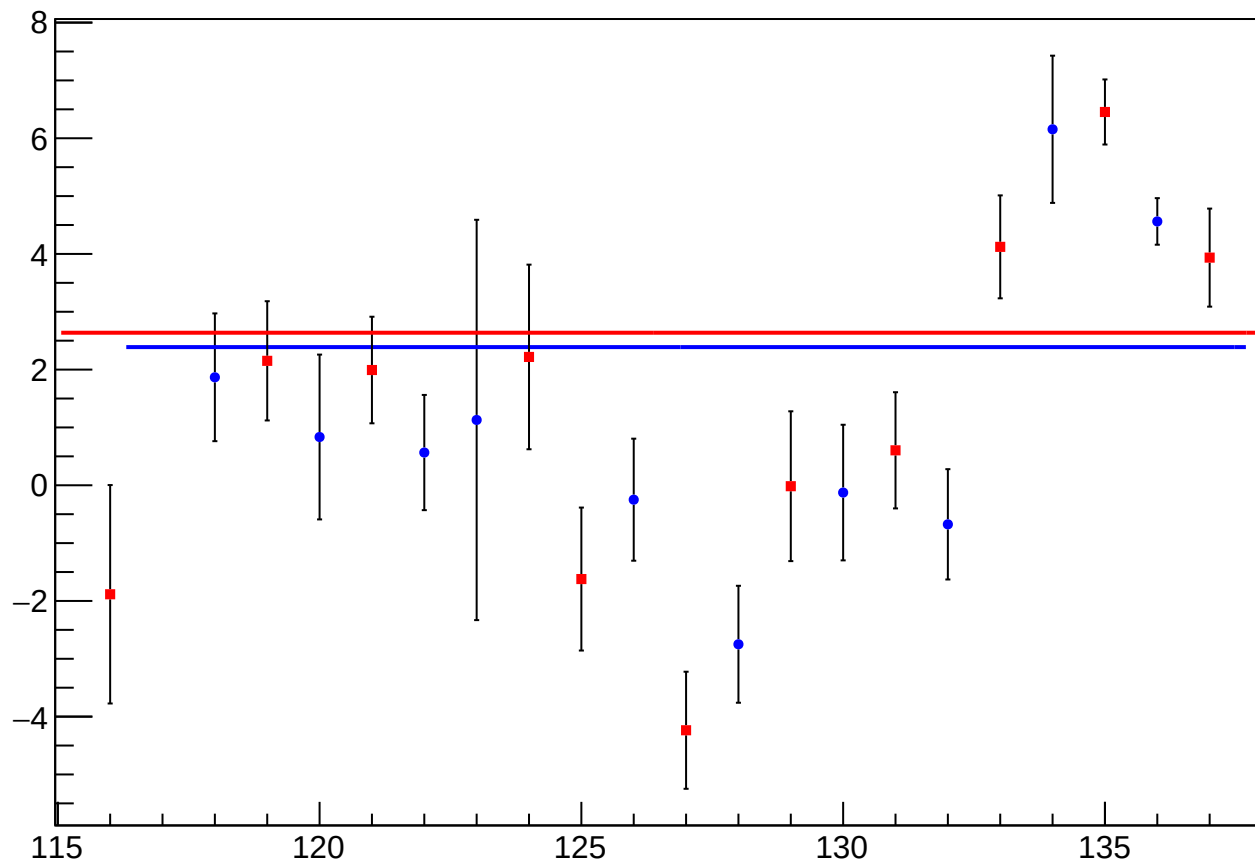
Right: -55.245 $\pm$ 0.107 χ^2 /NDF: 100.9/20

In: -55.383 $\pm$ 0.152 χ^2 /NDF:54.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.245 $\pm$ 0.107 χ^2 /NDF: 100.9/20

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.389 $\pm$ 0.278 χ^2 /NDF: 89.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.638 $\pm$ 0.291 χ^2 /NDF: 124.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

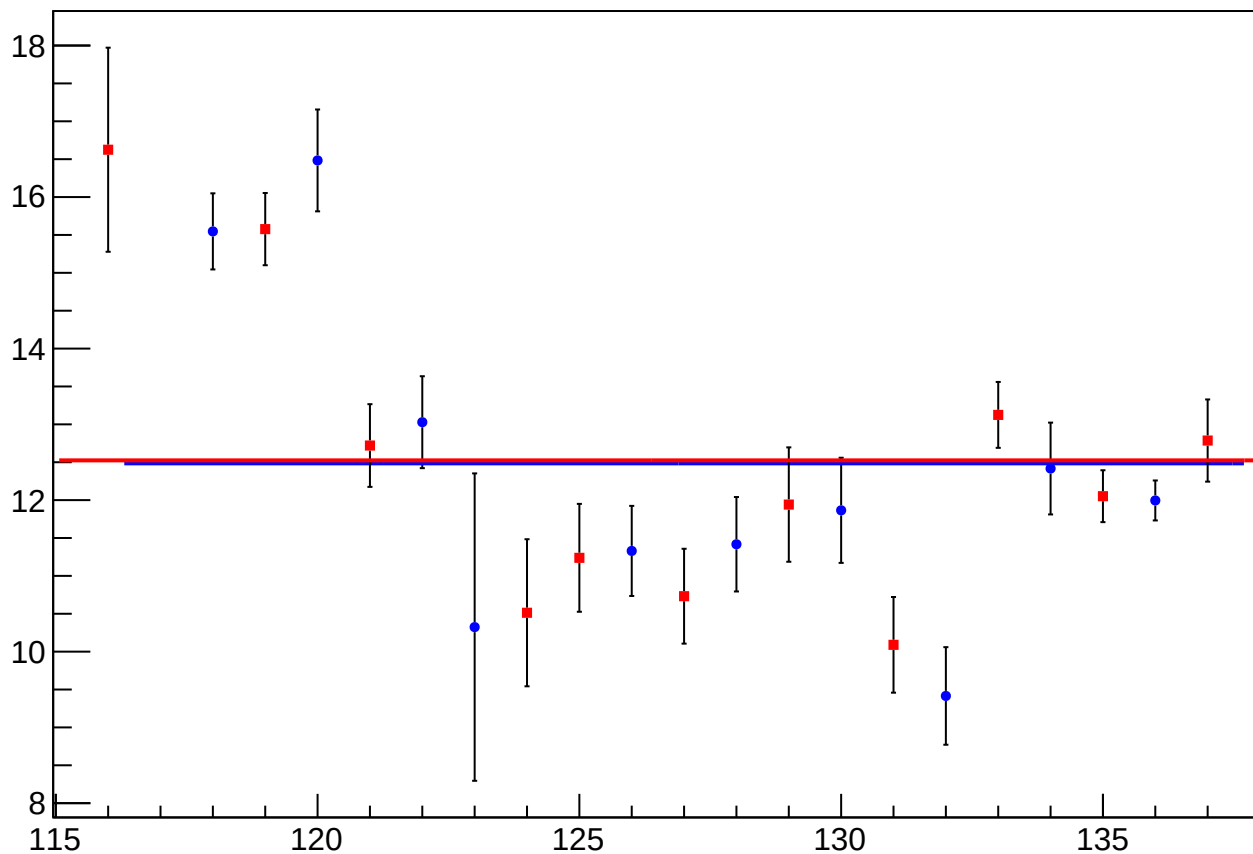
Right: 2.508 $\pm$ 0.201 χ^2 /NDF: 214.1/20

In: 2.389 $\pm$ 0.278 χ^2 /NDF:89.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.508 $\pm$ 0.201 χ^2 /NDF: 214.1/20

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.485+/-0.166 χ^2/NDF : 108.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.525+/-0.168 χ^2/NDF : 85.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

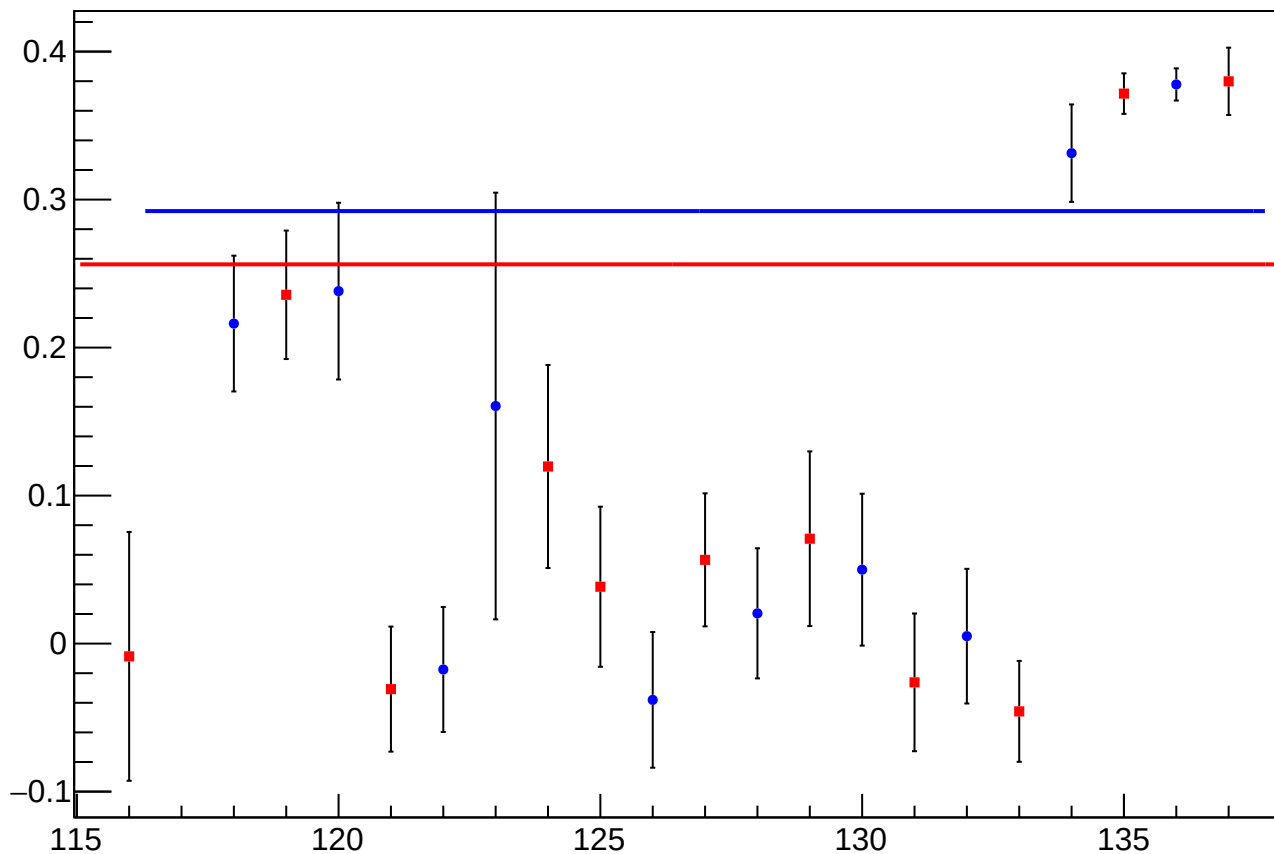
Right: 12.505+/-0.118 χ^2/NDF : 193.9/20

In: 12.485+/-0.166 χ^2/NDF : 108.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.505+/-0.118 χ^2/NDF : 193.9/20

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.009 χ^2 /NDF: 273.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.256 $\pm$ 0.009 χ^2 /NDF: 322.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

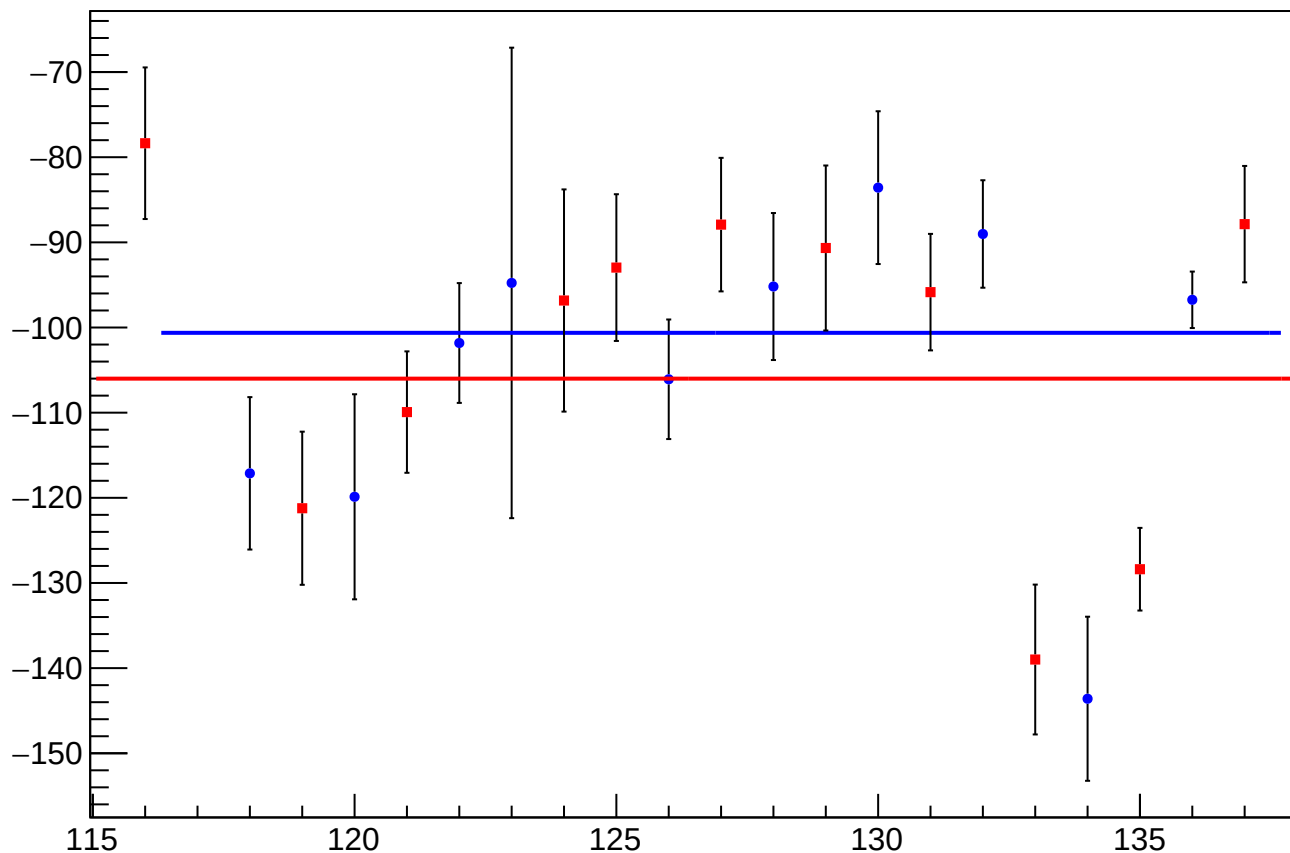
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 603.6/20

In: 0.292 $\pm$ 0.009 χ^2 /NDF:273.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.275 $\pm$ 0.006 χ^2 /NDF: 603.6/20

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -100.624 ± 2.162 χ^2/NDF : 35.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -106.004 ± 2.300 χ^2/NDF : 68.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

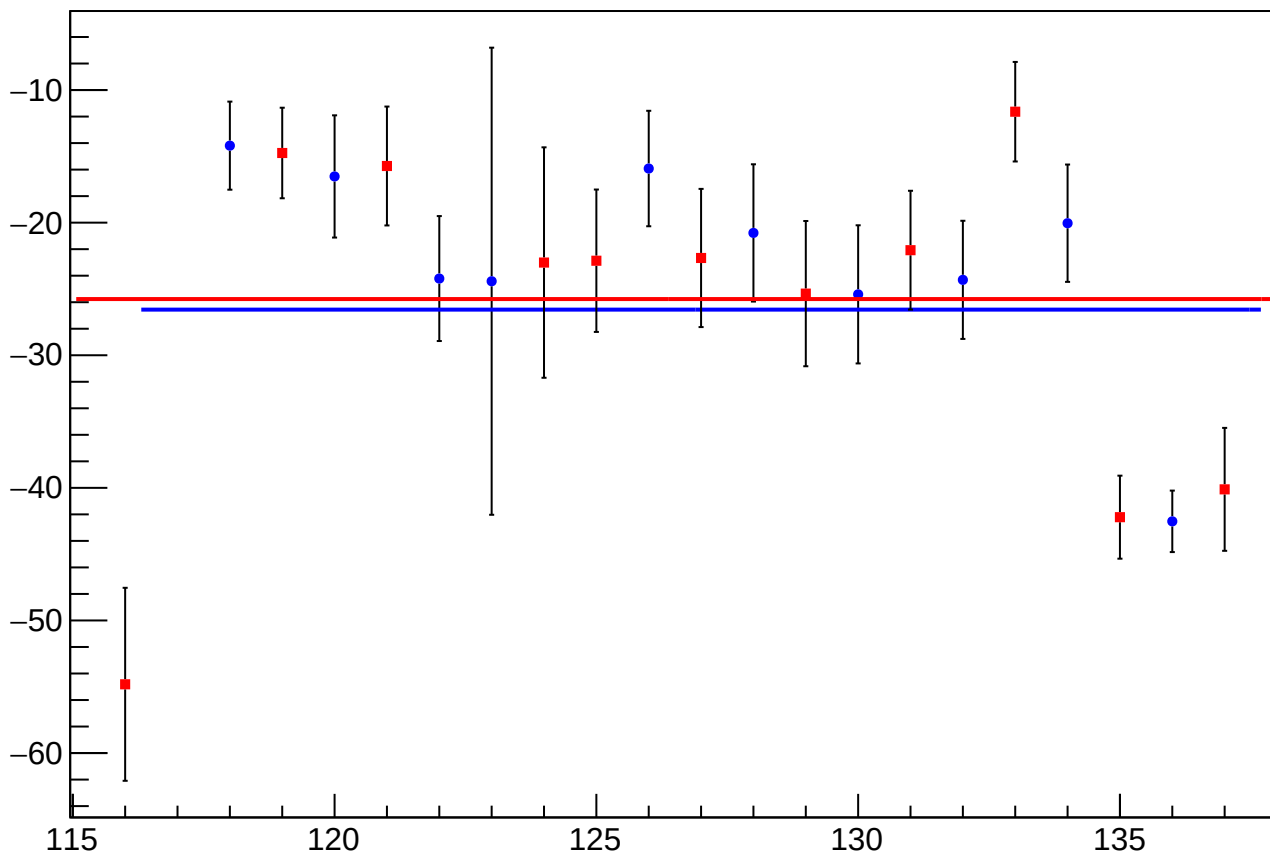
Right: -103.149 ± 1.575 χ^2/NDF : 106.2/20

In: -100.624 ± 2.162 χ^2/NDF : 35.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -103.149 ± 1.575 χ^2/NDF : 106.2/20

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -26.559+/-1.290 χ^2/NDF : 76.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.762+/-1.358 χ^2/NDF : 84.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

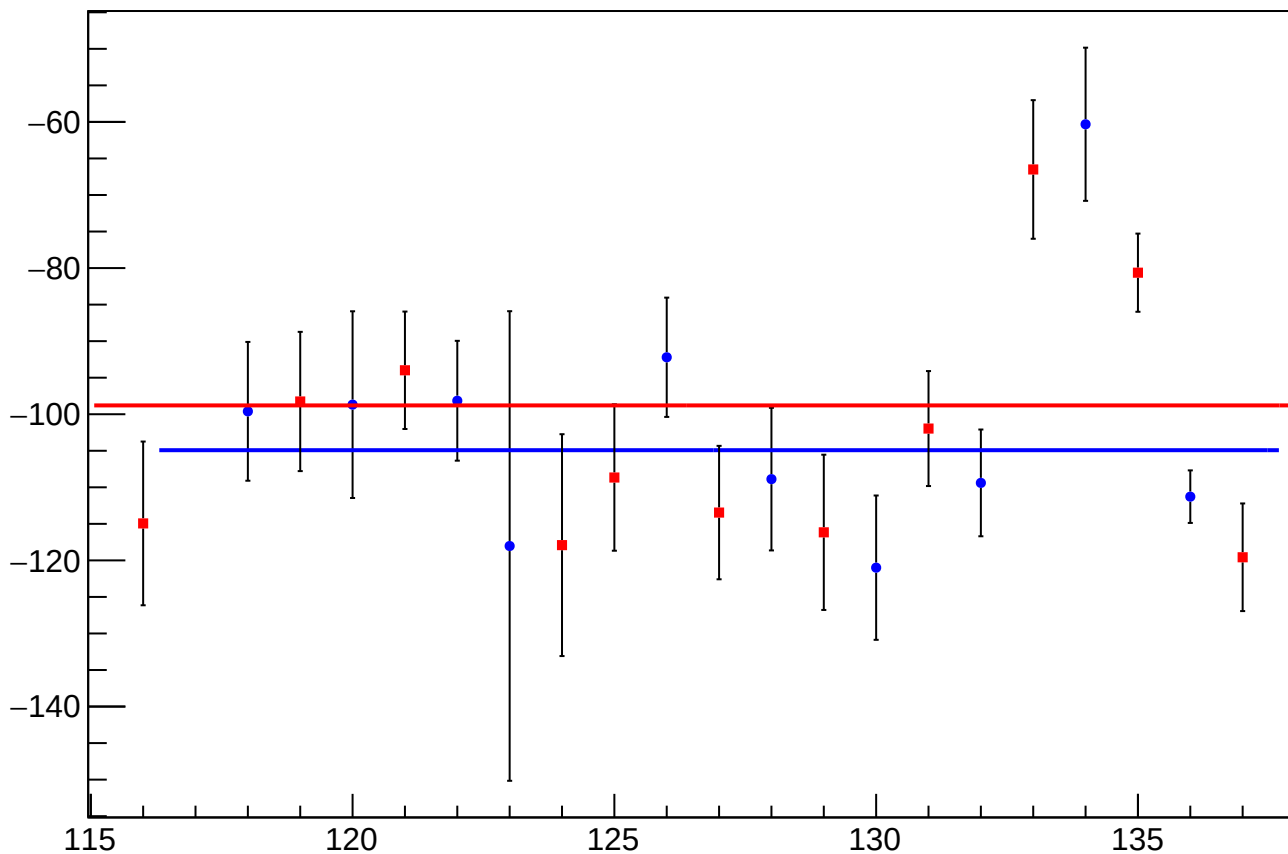
Right: -26.181+/-0.936 χ^2/NDF : 160.3/20

In: -26.559+/-1.290 χ^2/NDF : 76.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.181+/-0.936 χ^2/NDF : 160.3/20

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -104.921+/-2.397 χ^2/NDF : 28.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.792+/-2.579 χ^2/NDF : 41.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

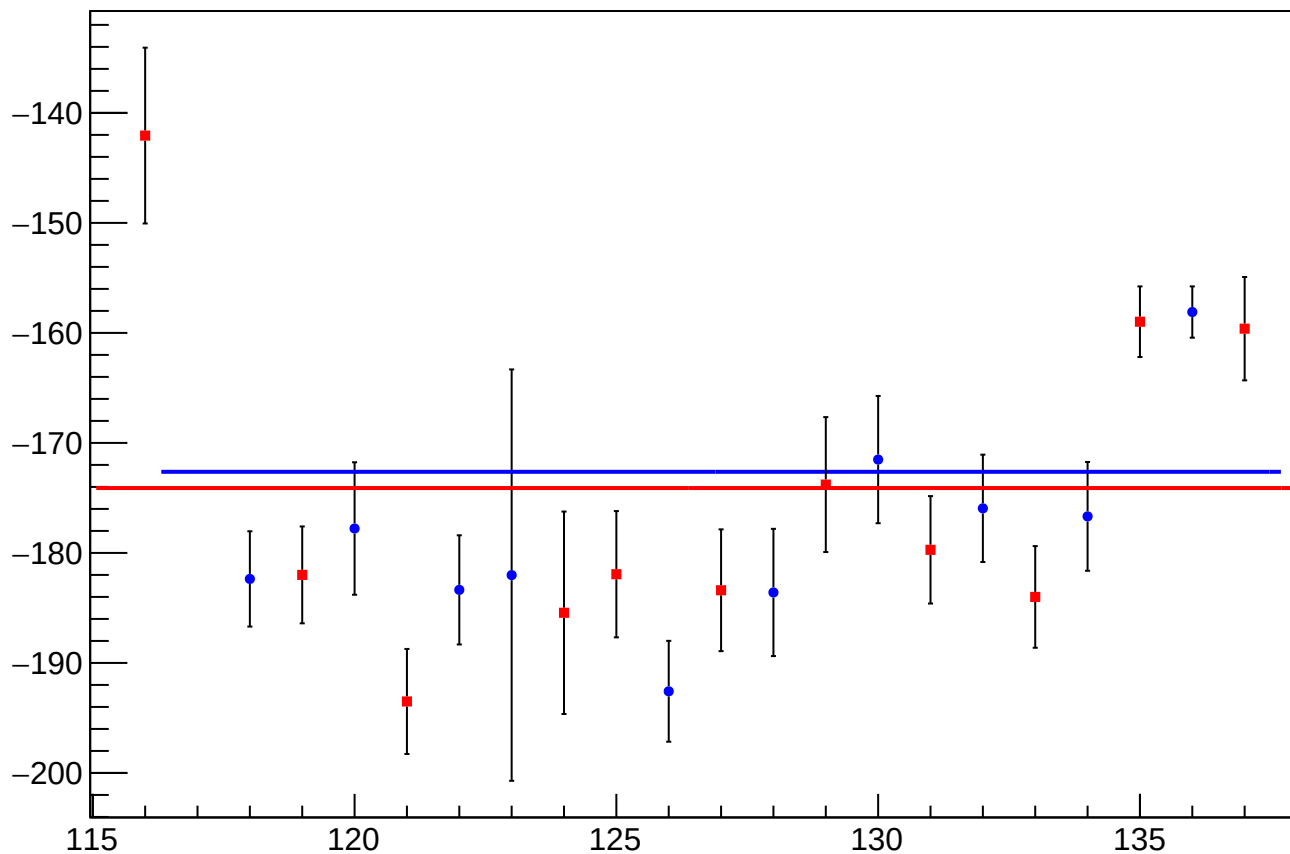
Right: -102.081+/-1.756 χ^2/NDF : 72.8/20

In: -104.921+/-2.397 χ^2/NDF : 28.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.081+/-1.756 χ^2/NDF : 72.8/20

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -172.626+/-1.416 χ^2/NDF : 73.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.102+/-1.501 χ^2/NDF : 79.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

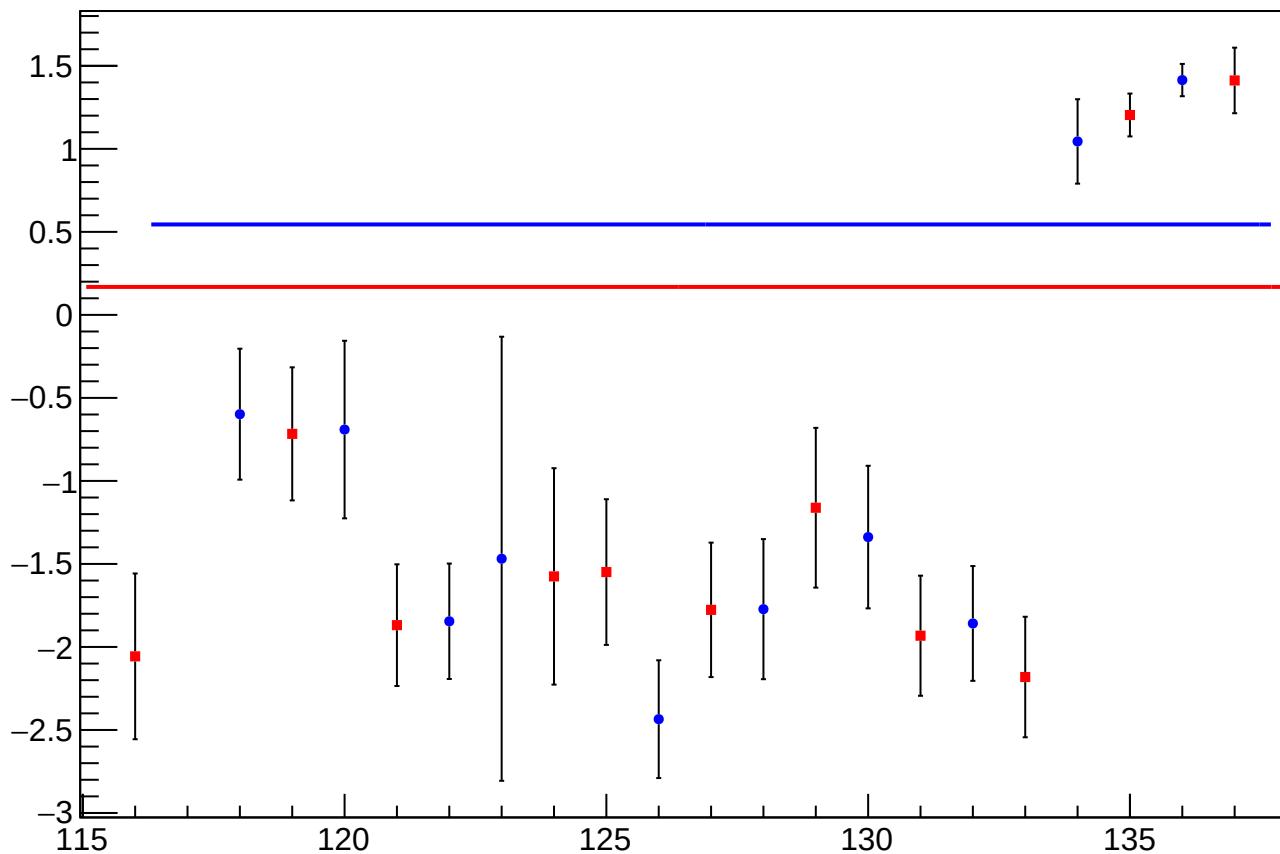
Right: -173.321+/-1.030 χ^2/NDF : 153.4/20

In: -172.626+/-1.416 χ^2/NDF : 73.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.321+/-1.030 χ^2/NDF : 153.4/20

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.545+/-0.077 χ^2/NDF : 315.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.168+/-0.086 χ^2/NDF : 288.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

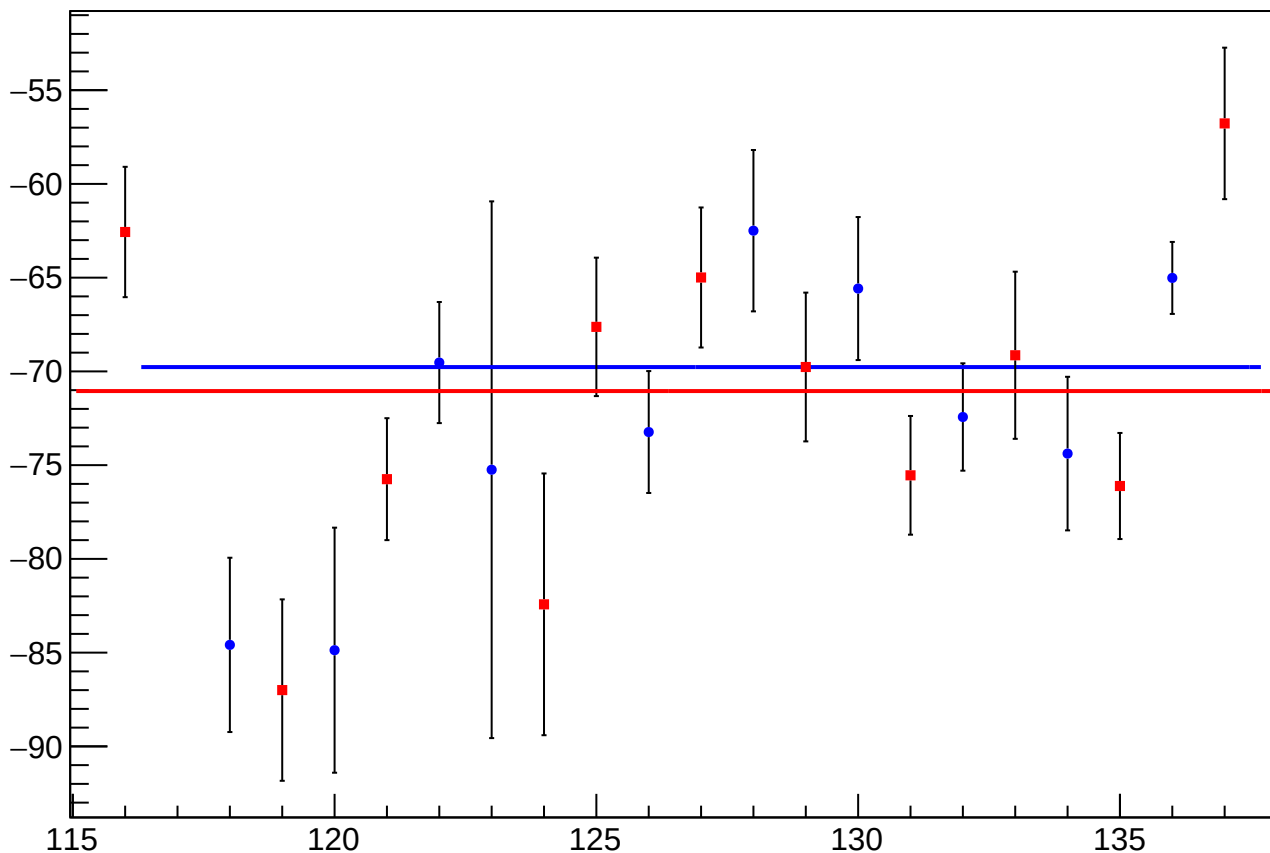
Right: 0.375+/-0.057 χ^2/NDF : 614.6/20

In: 0.545+/-0.077 χ^2/NDF : 315.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.375+/-0.057 χ^2/NDF : 614.6/20

reg_asym_sam3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.769 $\pm$ 1.091 χ^2 /NDF: 29.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.049 $\pm$ 1.128 χ^2 /NDF: 43.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

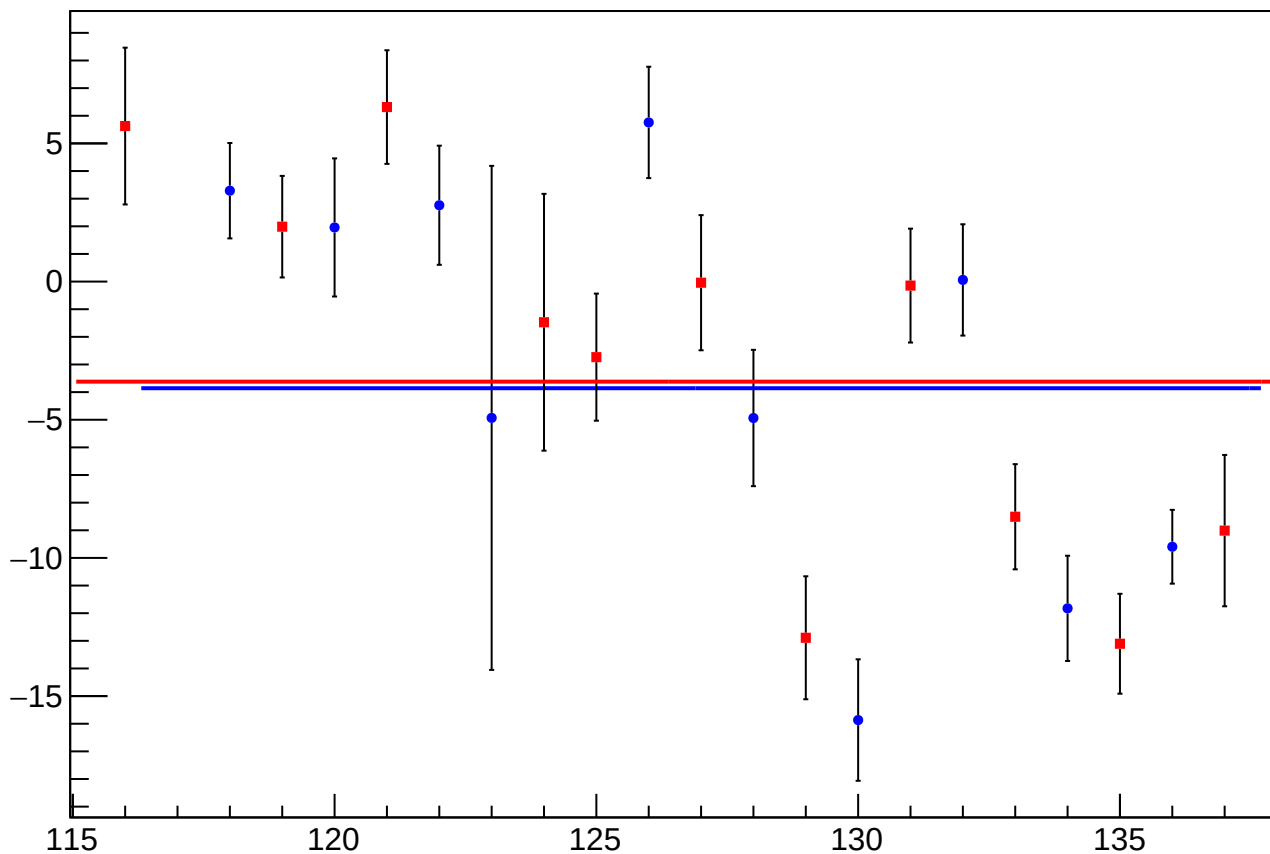
Right: -70.387 $\pm$ 0.784 χ^2 /NDF: 72.8/20

In: -69.769 $\pm$ 1.091 χ^2 /NDF:29.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.387 $\pm$ 0.784 χ^2 /NDF: 72.8/20

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.859+/-0.642 χ^2/NDF : 124.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.621+/-0.672 χ^2/NDF : 104.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

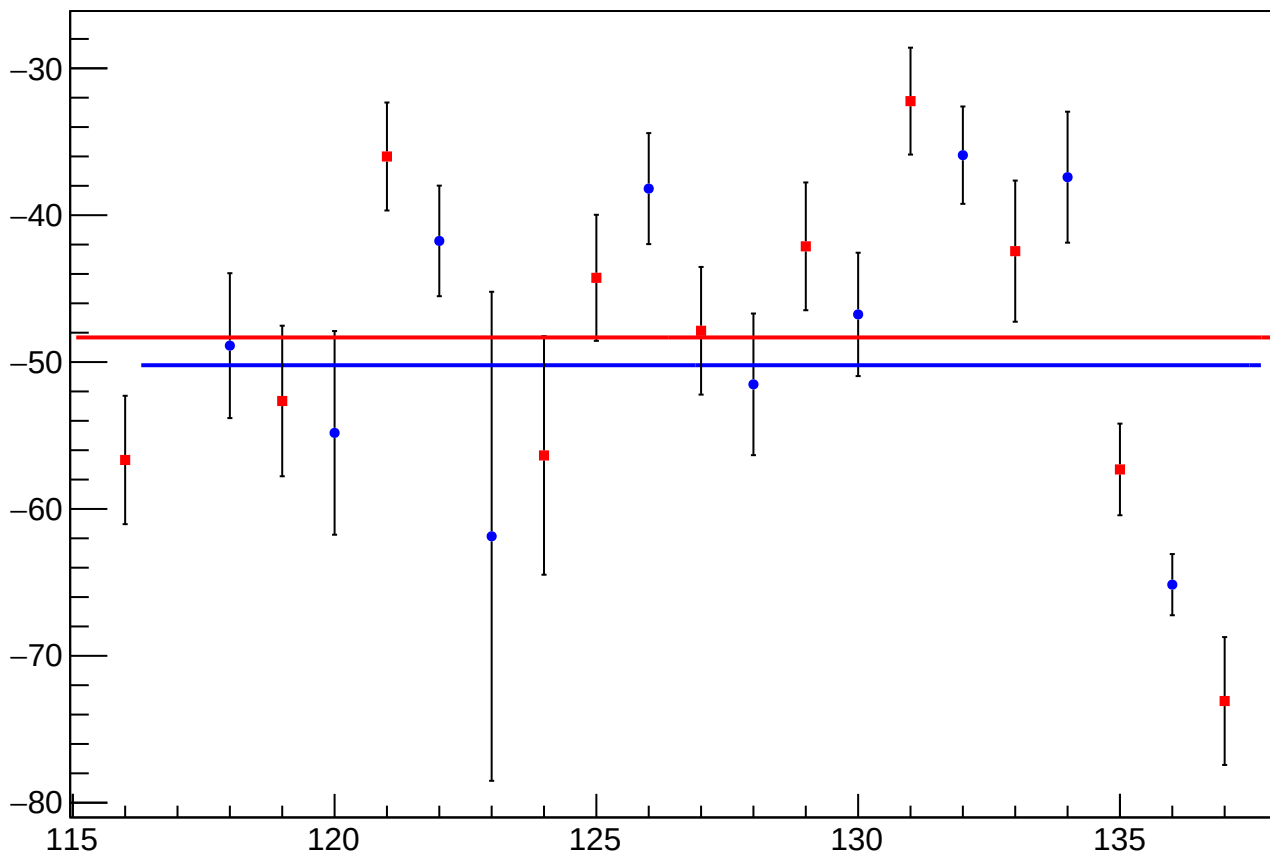
Right: -3.746+/-0.464 χ^2/NDF : 228.7/20

In: -3.859+/-0.642 χ^2/NDF :124.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.746+/-0.464 χ^2/NDF : 228.7/20

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.215 $\pm$ 1.215 χ^2 /NDF: 95.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.323 $\pm$ 1.276 χ^2 /NDF: 81.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

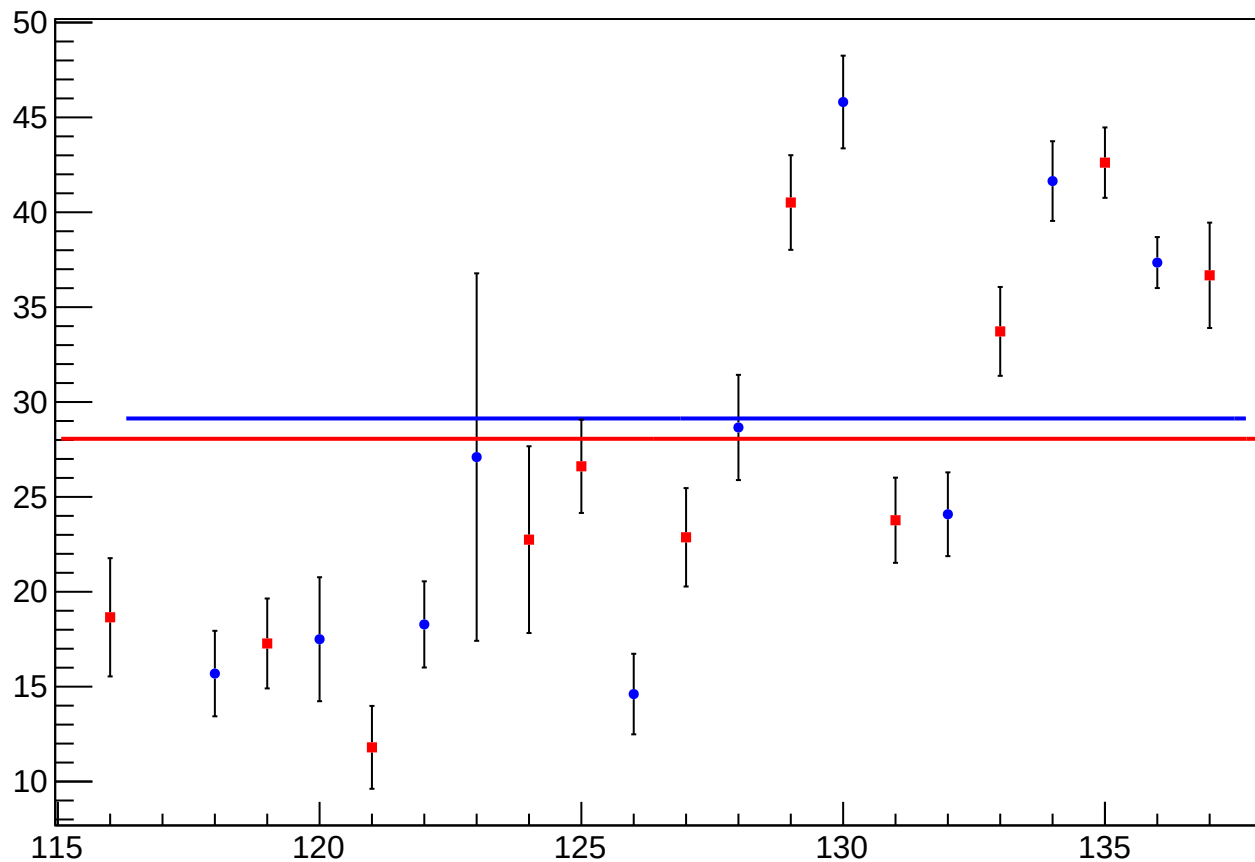
Right: -49.316 $\pm$ 0.880 χ^2 /NDF: 177.6/20

In: -50.215 $\pm$ 1.215 χ^2 /NDF:95.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.316 $\pm$ 0.880 χ^2 /NDF: 177.6/20

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.133+/-0.707 χ^2/NDF : 242.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.062+/-0.744 χ^2/NDF : 196.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

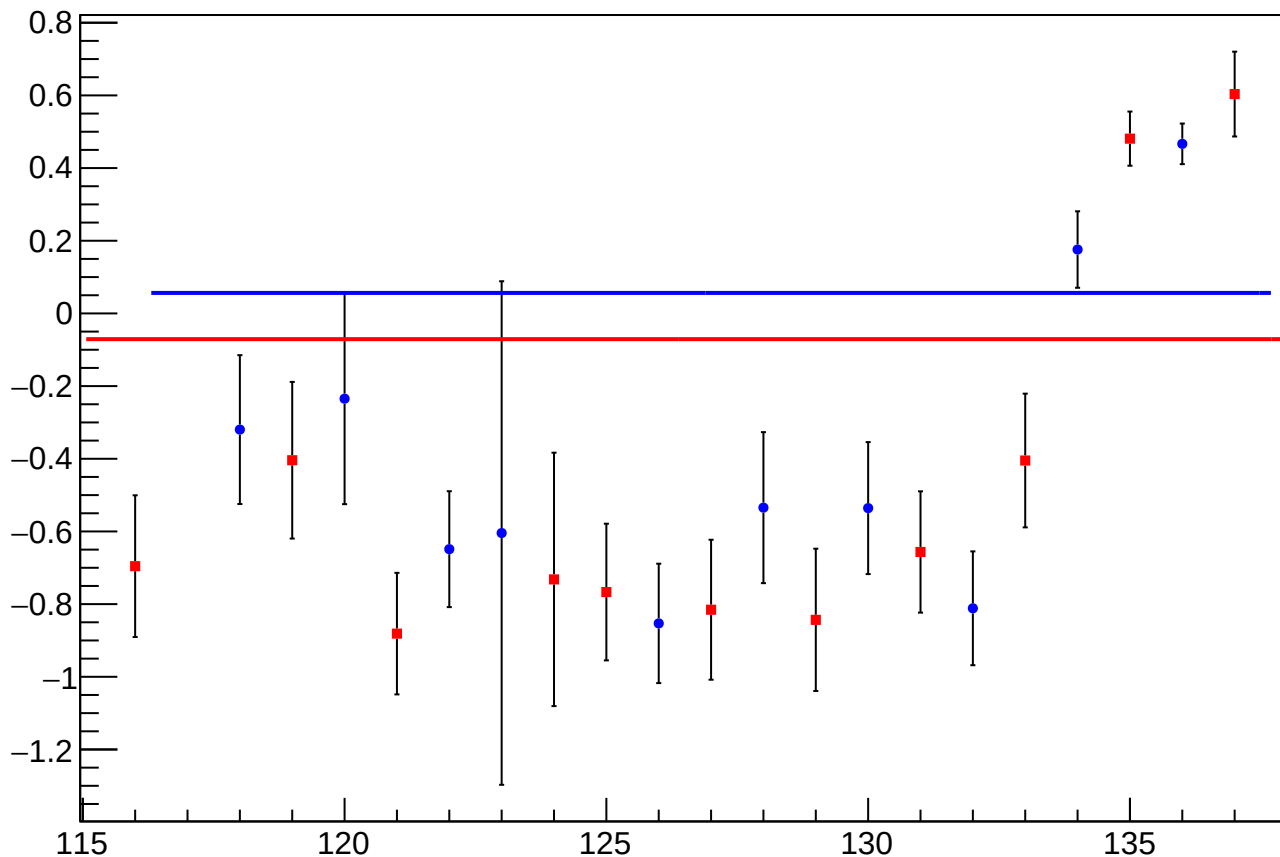
Right: 28.625+/-0.512 χ^2/NDF : 440.3/20

In: 29.133+/-0.707 χ^2/NDF : 242.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.625+/-0.512 χ^2/NDF : 440.3/20

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.056+/-0.040 χ^2/NDF : 160.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.045 χ^2/NDF : 187.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

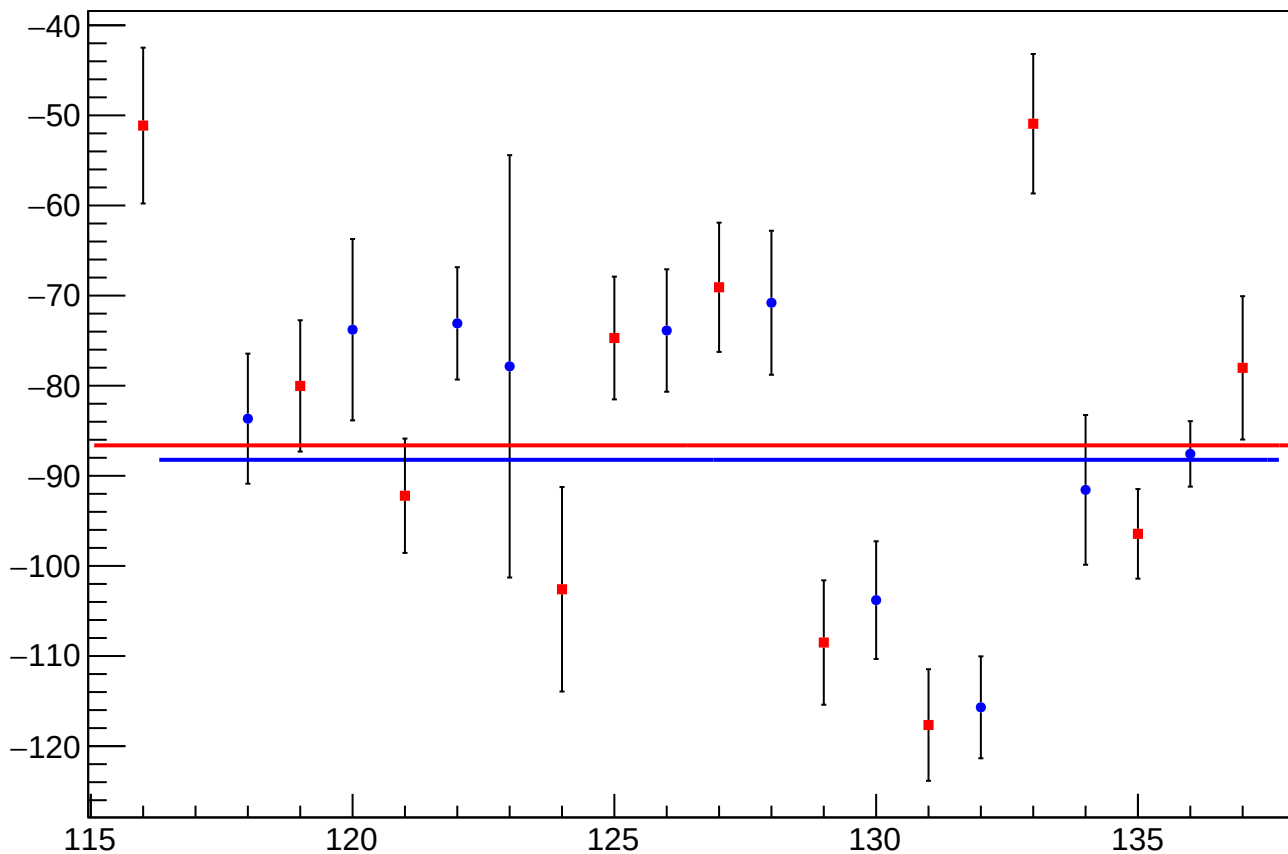
Right: 0.000+/-0.030 χ^2/NDF : 352.3/20

In: 0.056+/-0.040 χ^2/NDF : 160.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.030 χ^2/NDF : 352.3/20

reg_asym_sam4_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -88.223+/-2.046 χ^2/NDF : 47.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.621+/-2.104 χ^2/NDF : 91.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

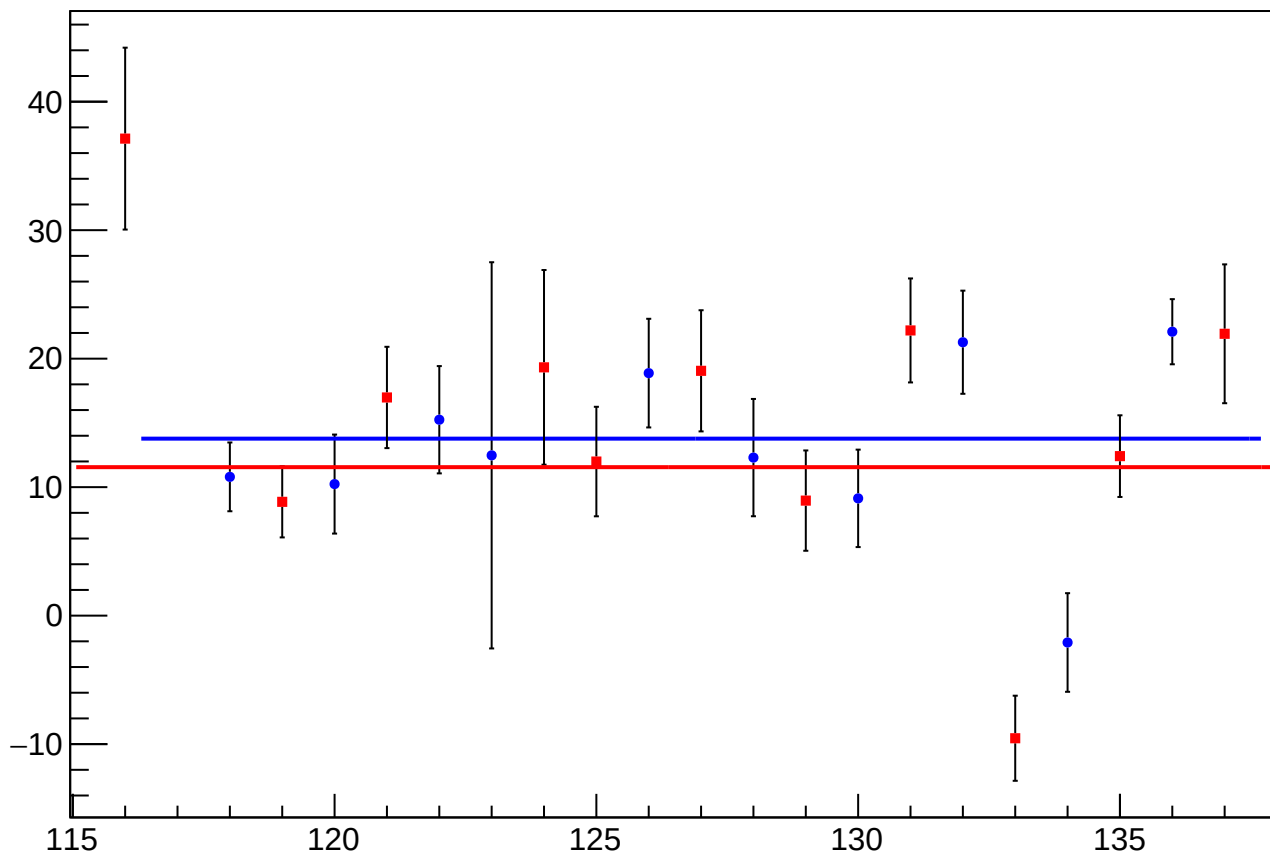
Right: -87.445+/-1.467 χ^2/NDF : 138.5/20

In: -88.223+/-2.046 χ^2/NDF : 47.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.445+/-1.467 χ^2/NDF : 138.5/20

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.775+/-1.172 χ^2/NDF : 36.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.555+/-1.210 χ^2/NDF : 71.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

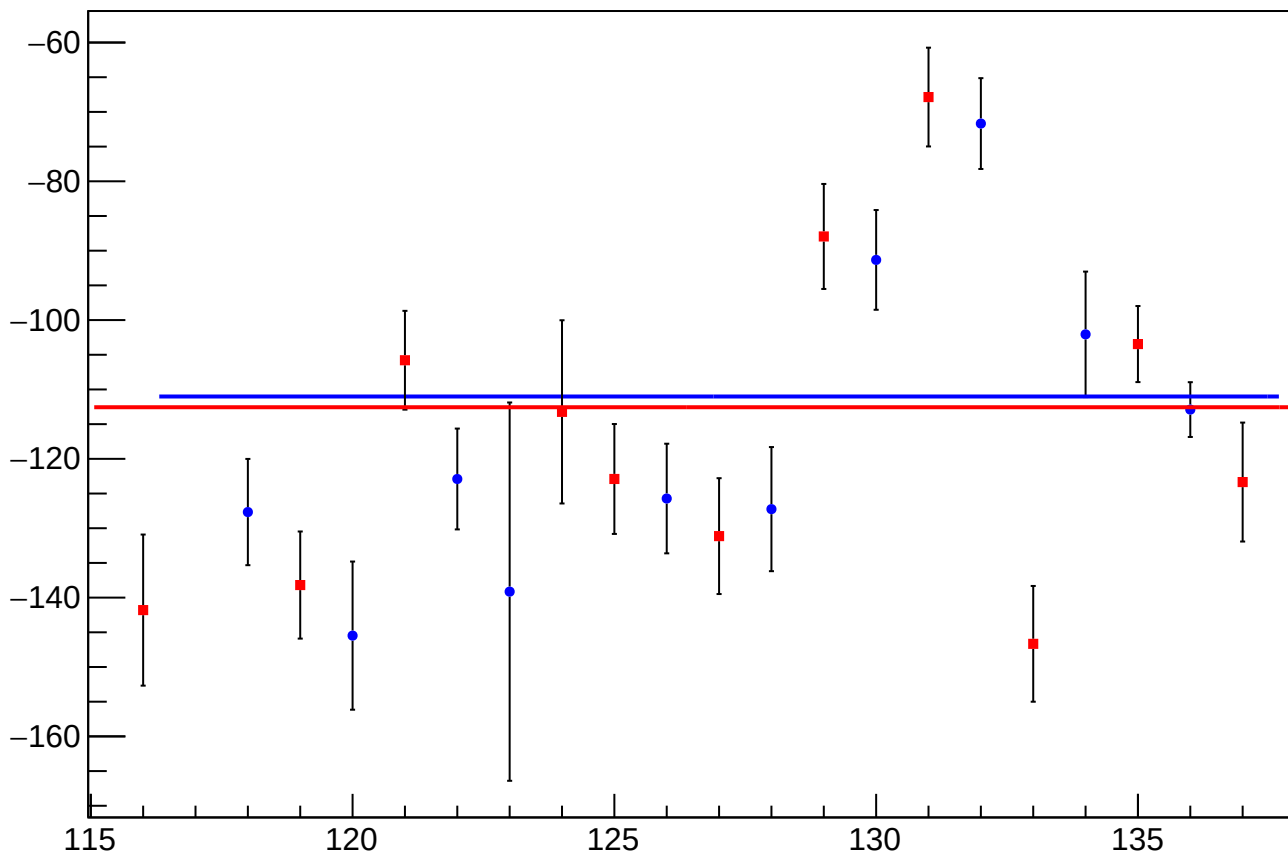
Right: 12.700+/-0.842 χ^2/NDF : 109.6/20

In: 13.775+/-1.172 χ^2/NDF : 36.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.700+/-0.842 χ^2/NDF : 109.6/20

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -111.015+/-2.272 χ^2/NDF : 70.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.562+/-2.361 χ^2/NDF : 96.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

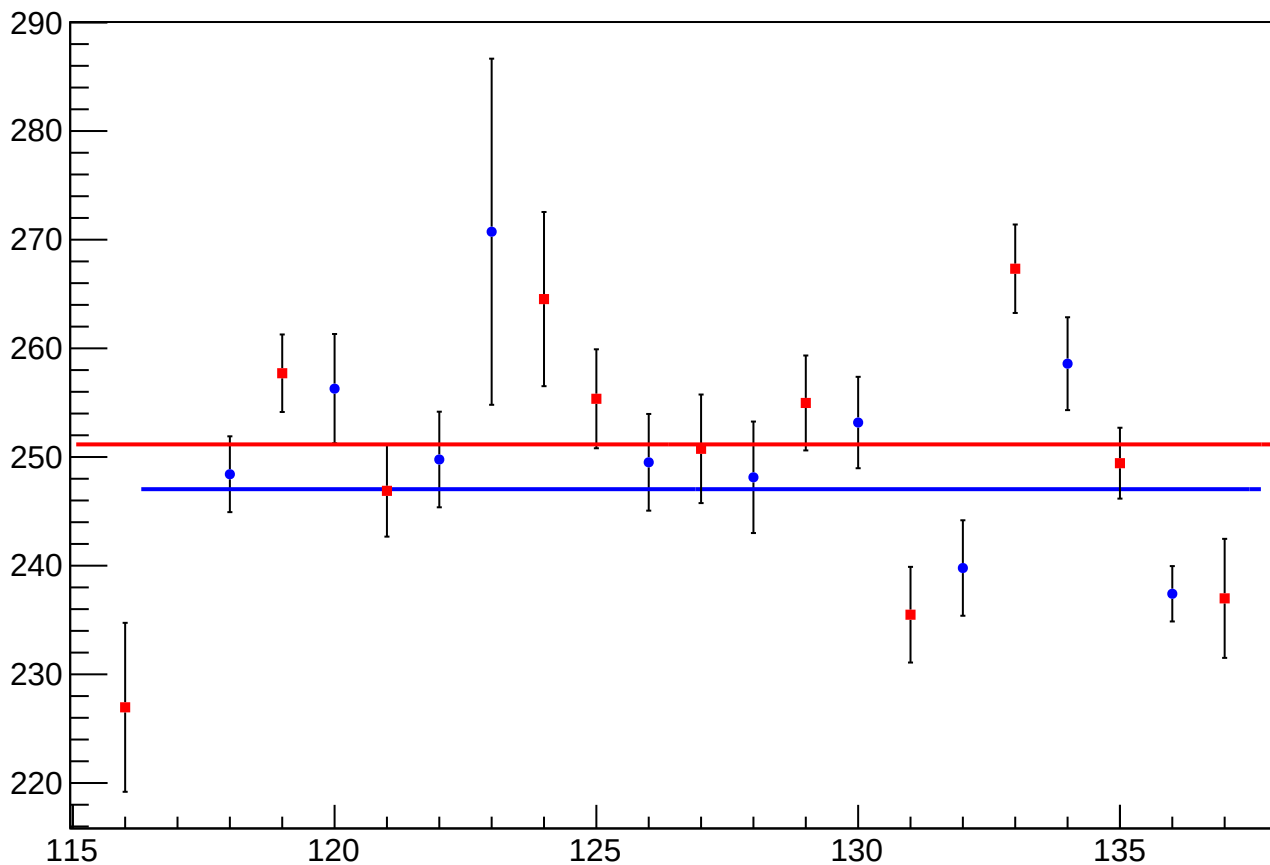
Right: -111.759+/-1.637 χ^2/NDF : 167.6/20

In: -111.015+/-2.272 χ^2/NDF : 70.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.759+/-1.637 χ^2/NDF : 167.6/20

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 247.040+/-1.310 χ^2/NDF : 32.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.161+/-1.352 χ^2/NDF : 53.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

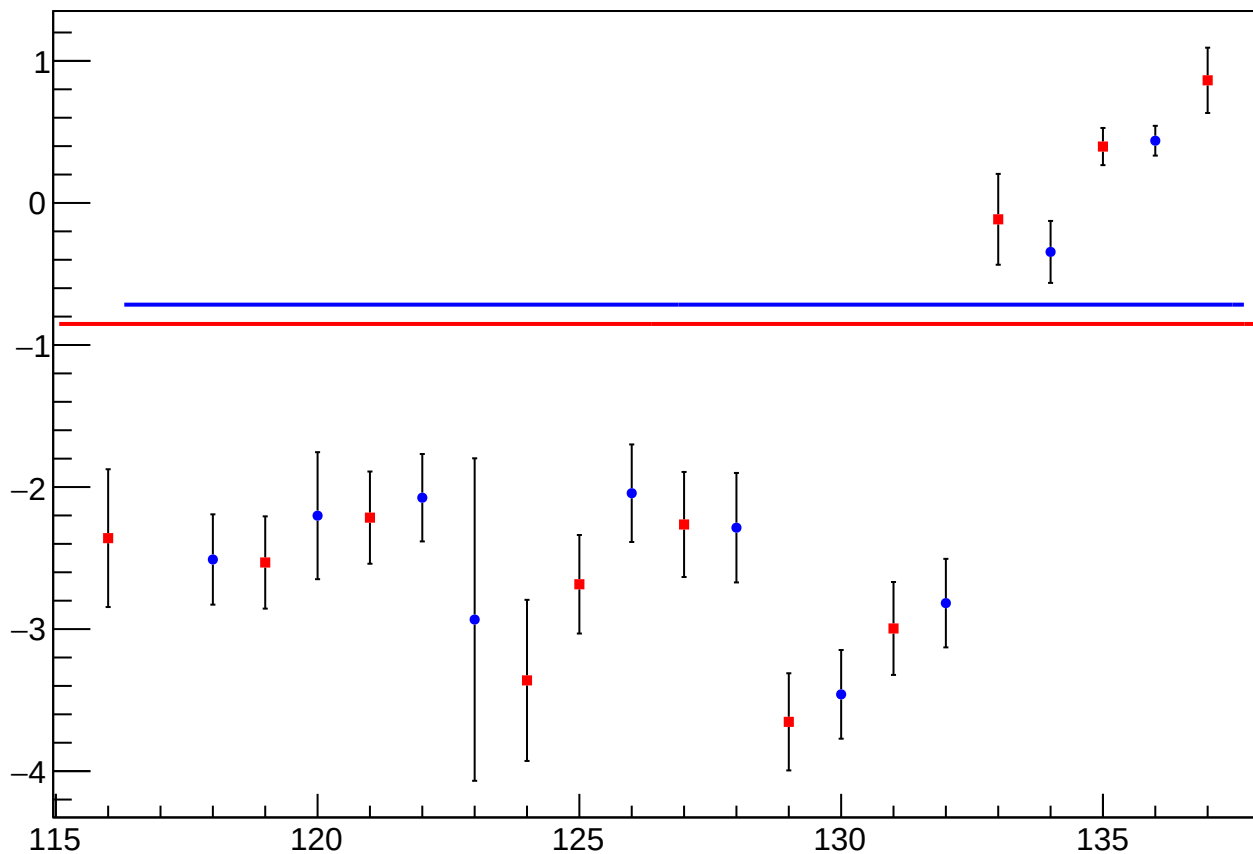
Right: 249.035+/-0.941 χ^2/NDF : 91.6/20

In: 247.040+/-1.310 χ^2/NDF : 32.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.035+/-0.941 χ^2/NDF : 91.6/20

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.716 ± 0.076 $\chi^2/\text{NDF}: 344.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.852 ± 0.082 $\chi^2/\text{NDF}: 378.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

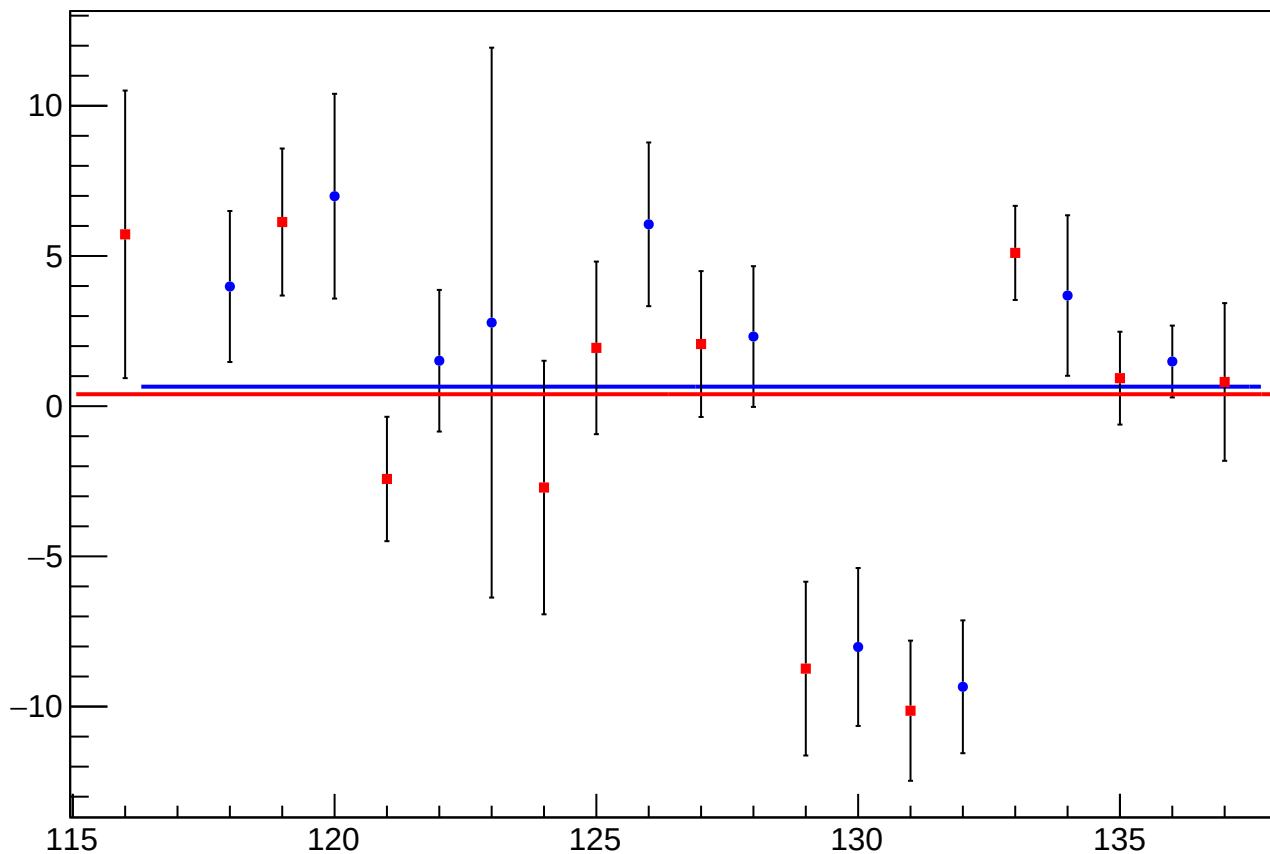
Right: -0.778 ± 0.056 $\chi^2/\text{NDF}: 724.3/20$

In: -0.716 ± 0.076 $\chi^2/\text{NDF}: 344.6/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.778 ± 0.056 $\chi^2/\text{NDF}: 724.3/20$

reg_asym_sam5_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.650+/-0.718 χ^2/NDF : 42.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.397+/-0.696 χ^2/NDF : 49.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

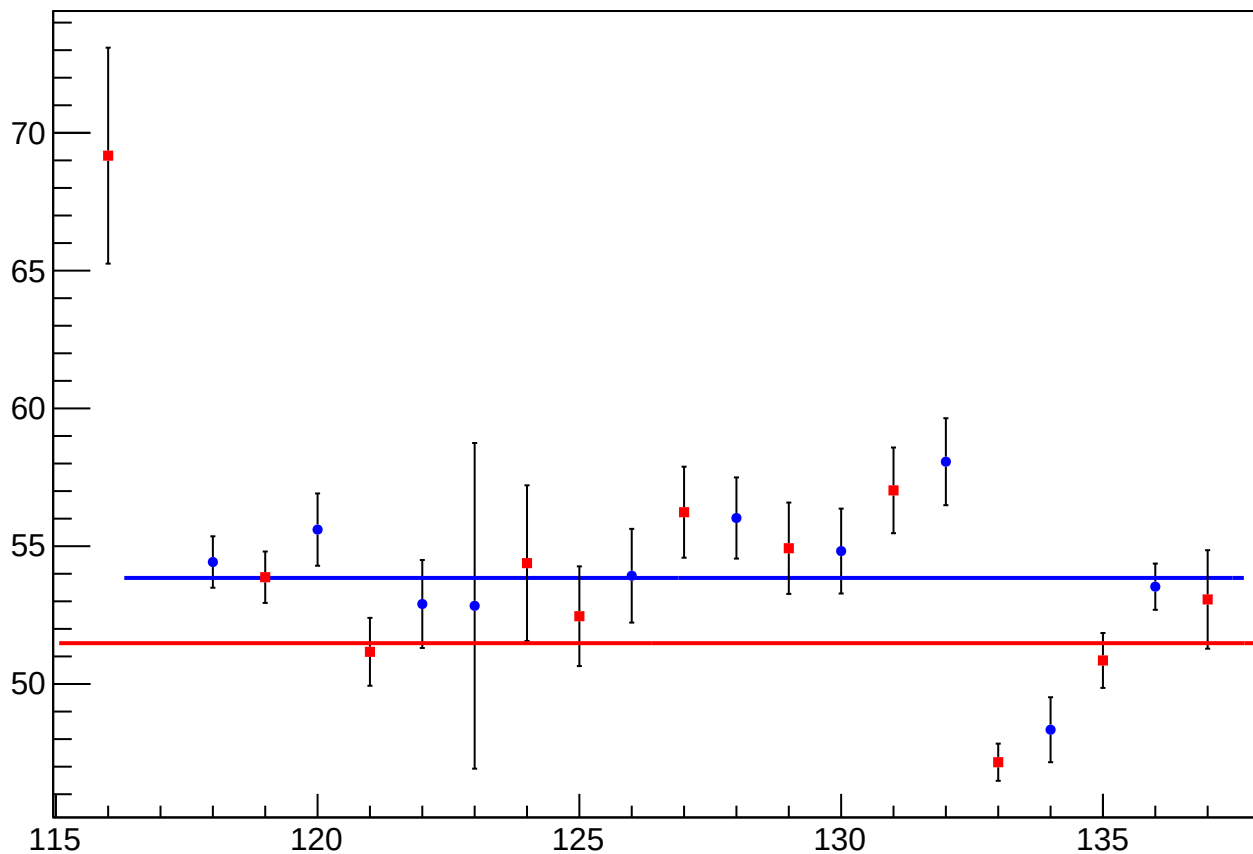
Right: 0.520+/-0.500 χ^2/NDF : 92.4/20

In: 0.650+/-0.718 χ^2/NDF :42.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.520+/-0.500 χ^2/NDF : 92.4/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 53.849 $\pm$ 0.411 χ^2 /NDF: 34.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.482 $\pm$ 0.379 χ^2 /NDF: 96.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

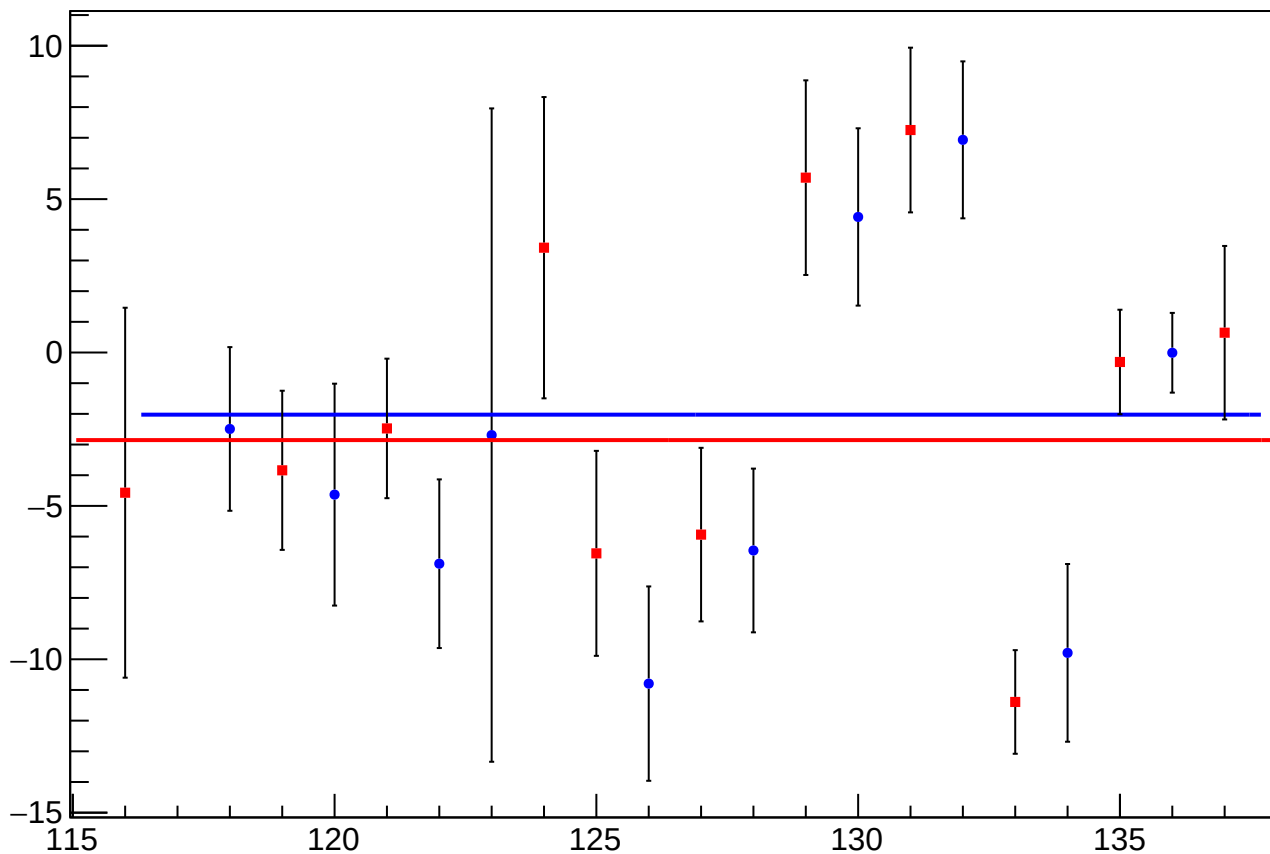
Right: 52.569 $\pm$ 0.279 χ^2 /NDF: 148.2/20

In: 53.849 $\pm$ 0.411 χ^2 /NDF:34.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.569 $\pm$ 0.279 χ^2 /NDF: 148.2/20

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.026+/-0.795 χ^2/NDF : 40.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.855+/-0.771 χ^2/NDF : 55.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

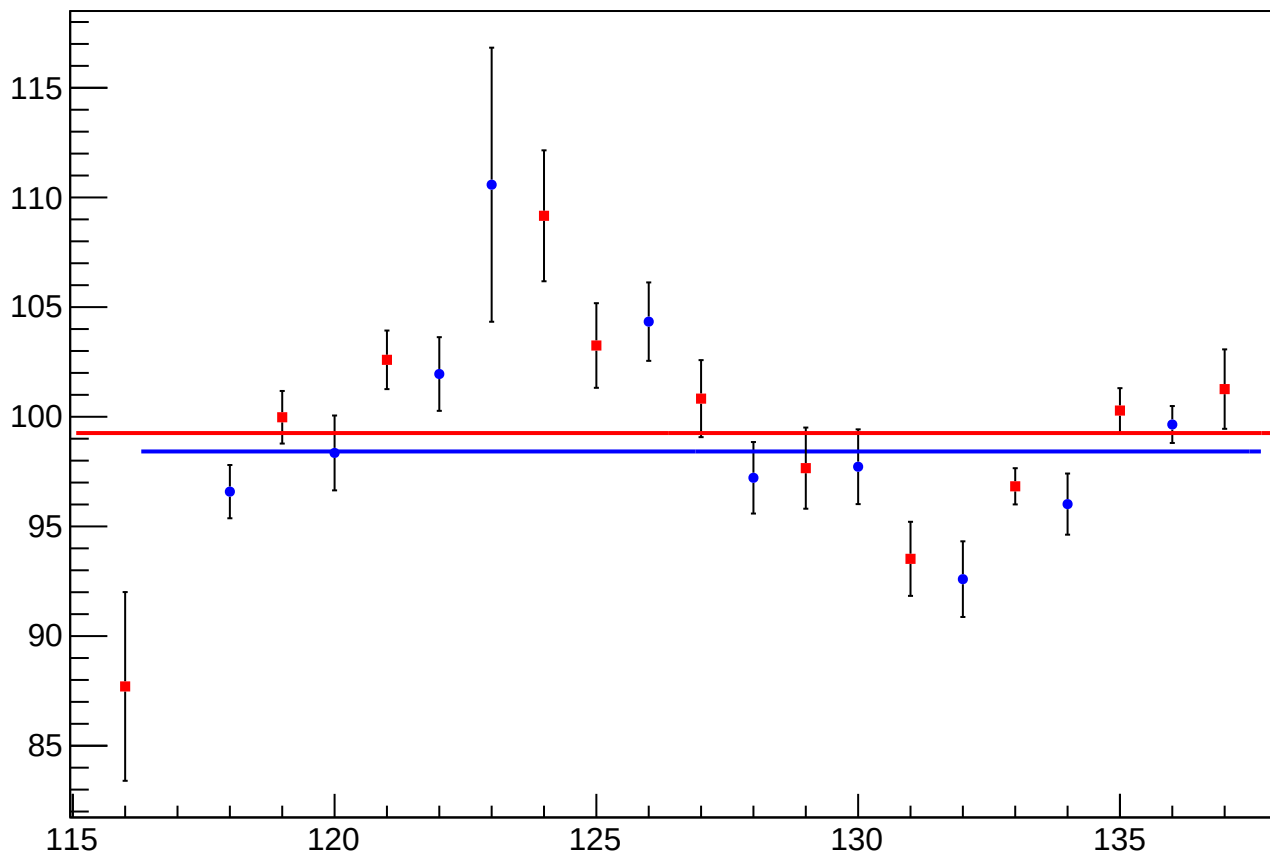
Right: -2.453+/-0.553 χ^2/NDF : 96.5/20

In: -2.026+/-0.795 χ^2/NDF :40.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.453+/-0.553 χ^2/NDF : 96.5/20

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.418+/-0.461 χ^2/NDF : 38.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.257+/-0.431 χ^2/NDF : 53.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

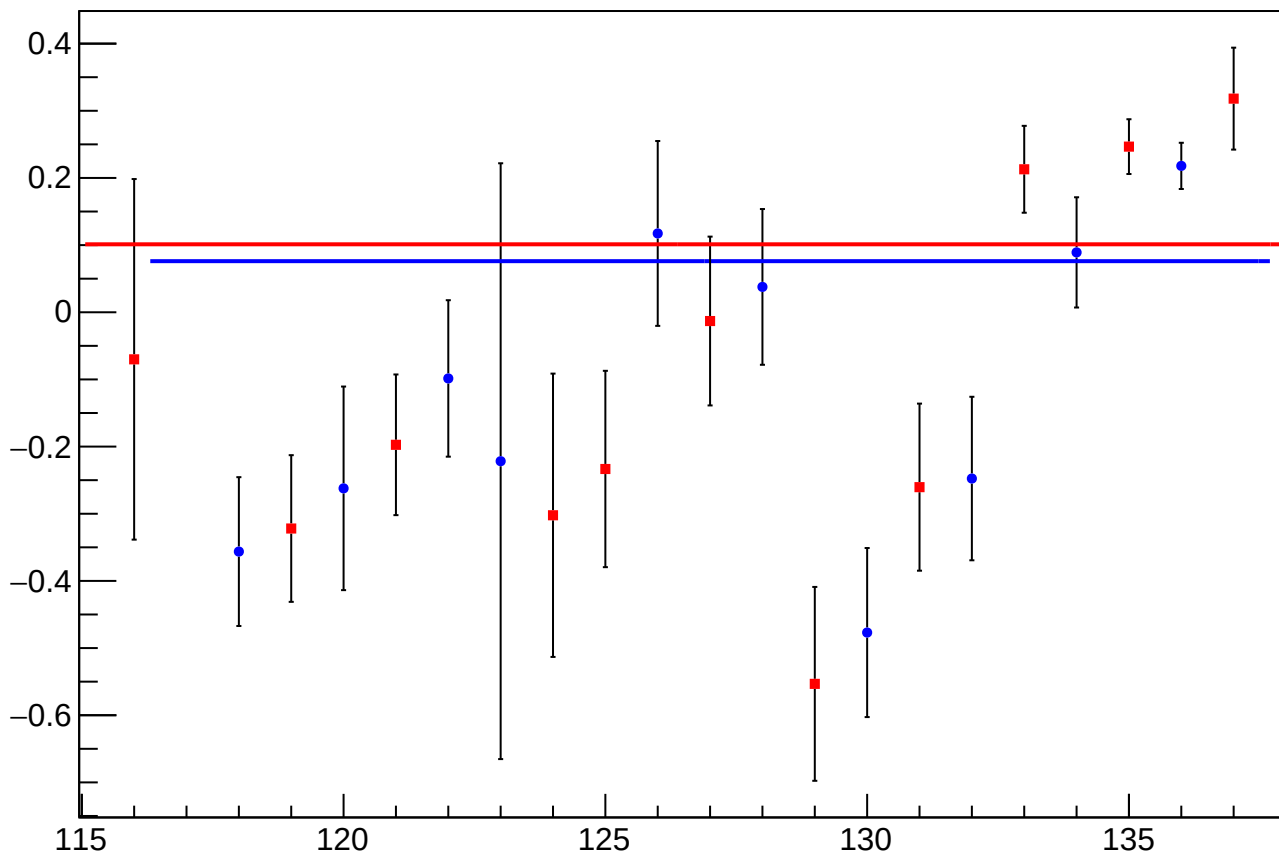
Right: 98.867+/-0.315 χ^2/NDF : 93.5/20

In: 98.418+/-0.461 χ^2/NDF : 38.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.867+/-0.315 χ^2/NDF : 93.5/20

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.076+/-0.026 χ^2/NDF : 66.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.101+/-0.026 χ^2/NDF : 86.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

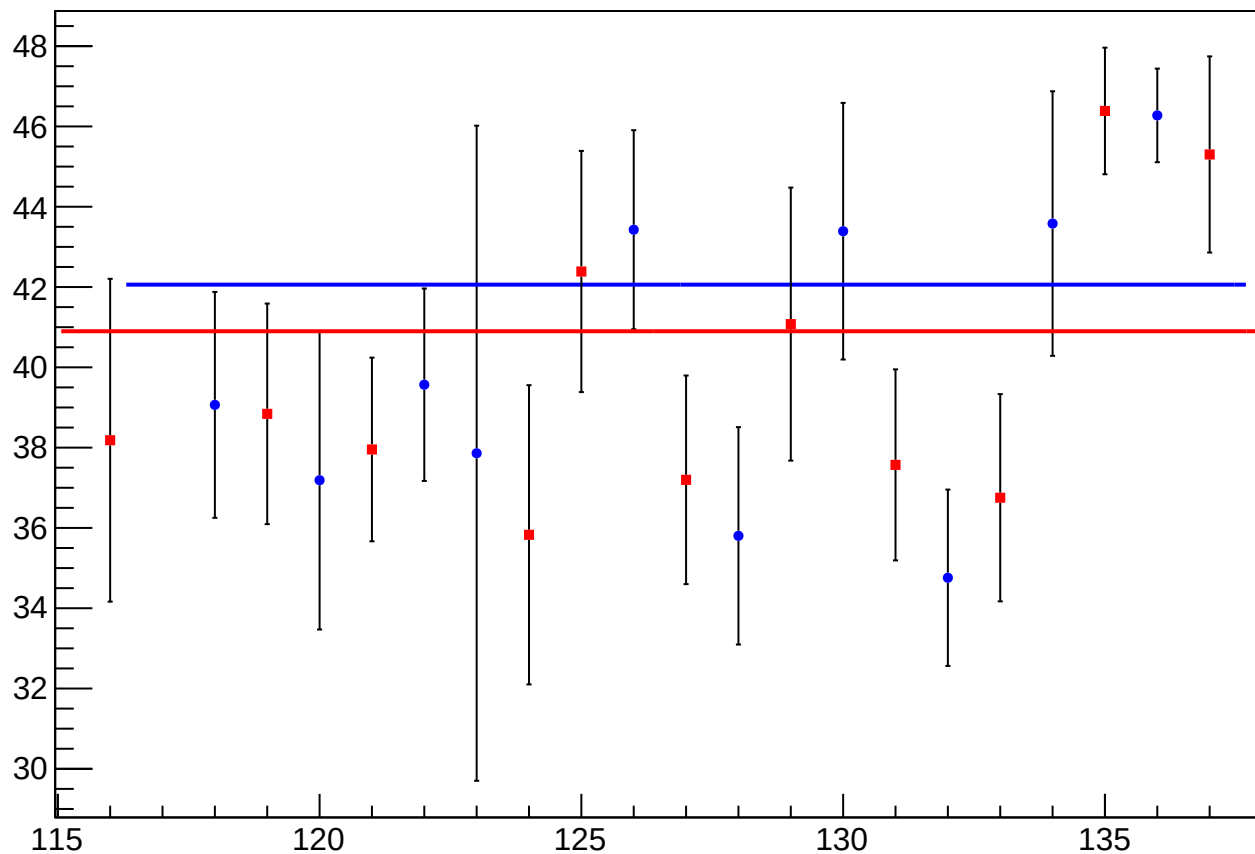
Right: 0.089+/-0.019 χ^2/NDF : 153.1/20

In: 0.076+/-0.026 χ^2/NDF : 66.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.019 χ^2/NDF : 153.1/20

reg_asym_sam6_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 42.060 $\pm$ 0.741 χ^2 /NDF: 34.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.898 $\pm$ 0.767 χ^2 /NDF: 26.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

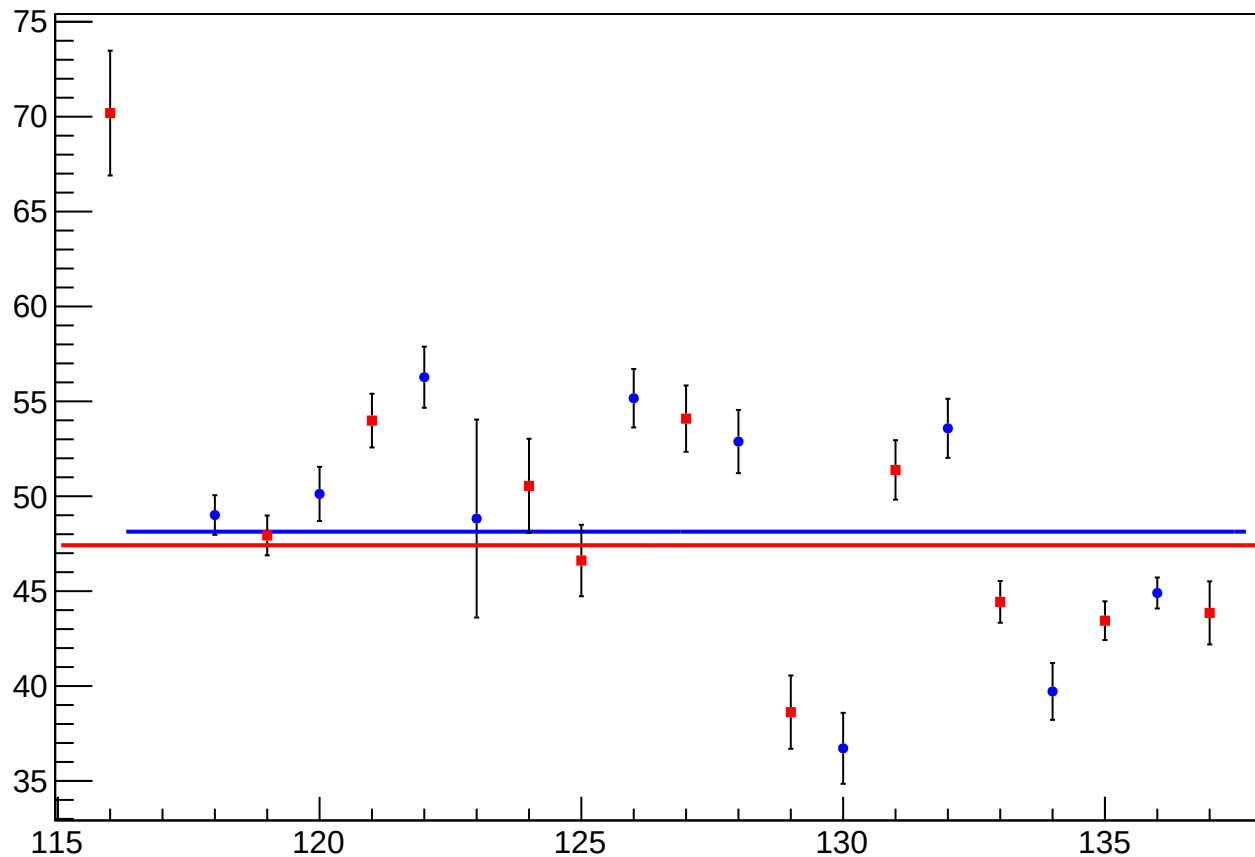
Right: 41.499 $\pm$ 0.533 χ^2 /NDF: 62.2/20

In: 42.060 $\pm$ 0.741 χ^2 /NDF:34.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.499 $\pm$ 0.533 χ^2 /NDF: 62.2/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 48.134+/-0.436 χ^2/NDF : 153.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.420+/-0.443 χ^2/NDF : 140.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

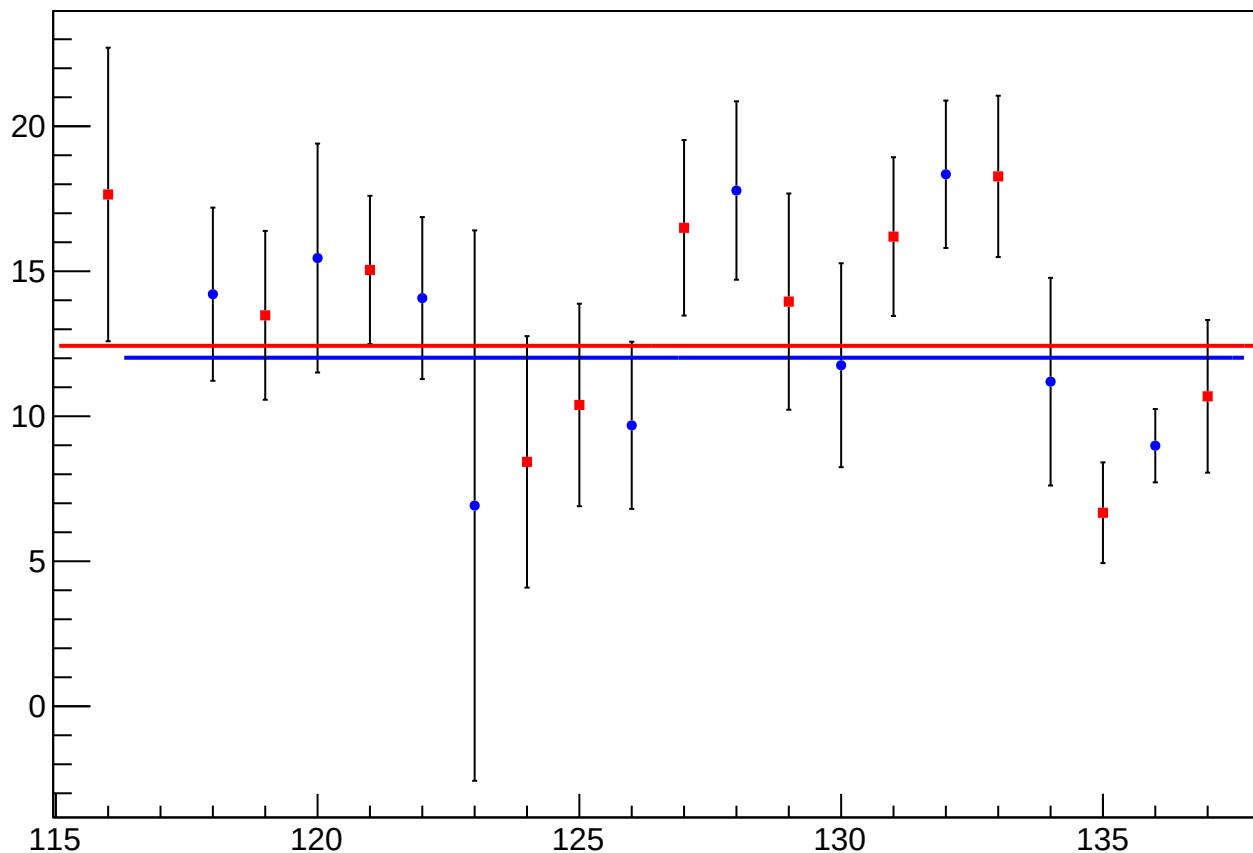
Right: 47.783+/-0.311 χ^2/NDF : 295.6/20

In: 48.134+/-0.436 χ^2/NDF : 153.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.783+/-0.311 χ^2/NDF : 295.6/20

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.018 $\pm$ 0.822 χ^2 /NDF: 18.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.429 $\pm$ 0.856 χ^2 /NDF: 23.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

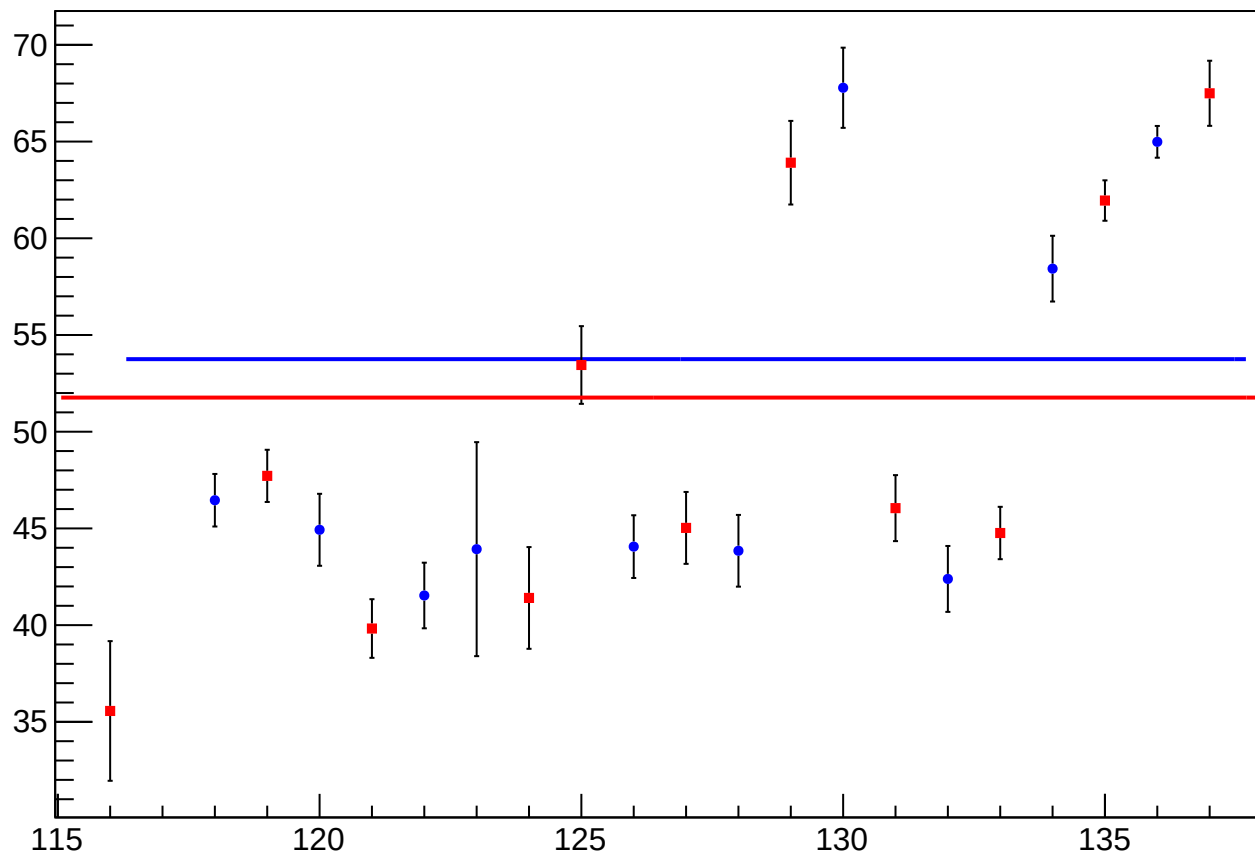
Right: 12.215 $\pm$ 0.593 χ^2 /NDF: 41.6/20

In: 12.018 $\pm$ 0.822 χ^2 /NDF: 18.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.215 $\pm$ 0.593 χ^2 /NDF: 41.6/20

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.751+/-0.483 χ^2/NDF : 455.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.764+/-0.493 χ^2/NDF : 372.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

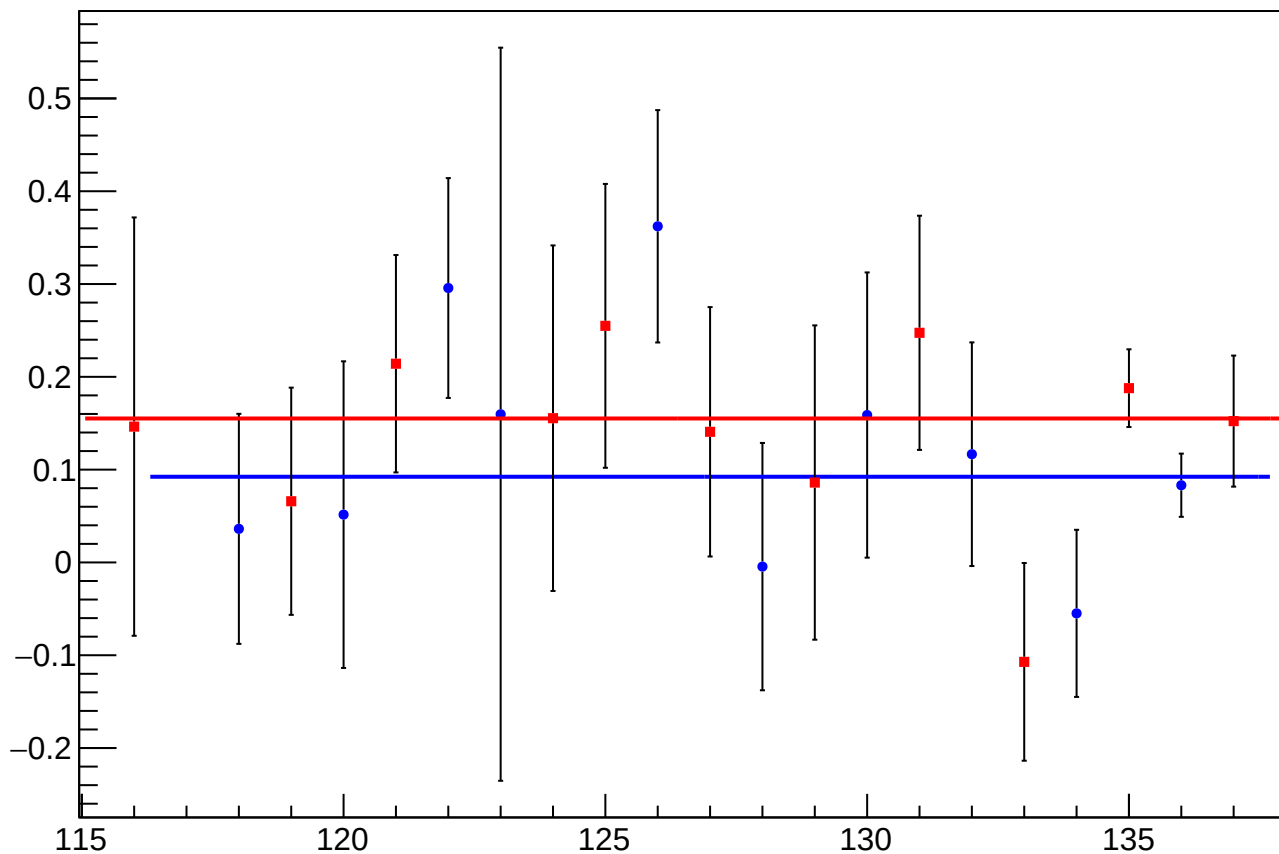
Right: 52.778+/-0.345 χ^2/NDF : 836.4/20

In: 53.751+/-0.483 χ^2/NDF : 455.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.778+/-0.345 χ^2/NDF : 836.4/20

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.092 $\pm$ 0.027 χ^2 /NDF: 11.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.155 $\pm$ 0.028 χ^2 /NDF: 8.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

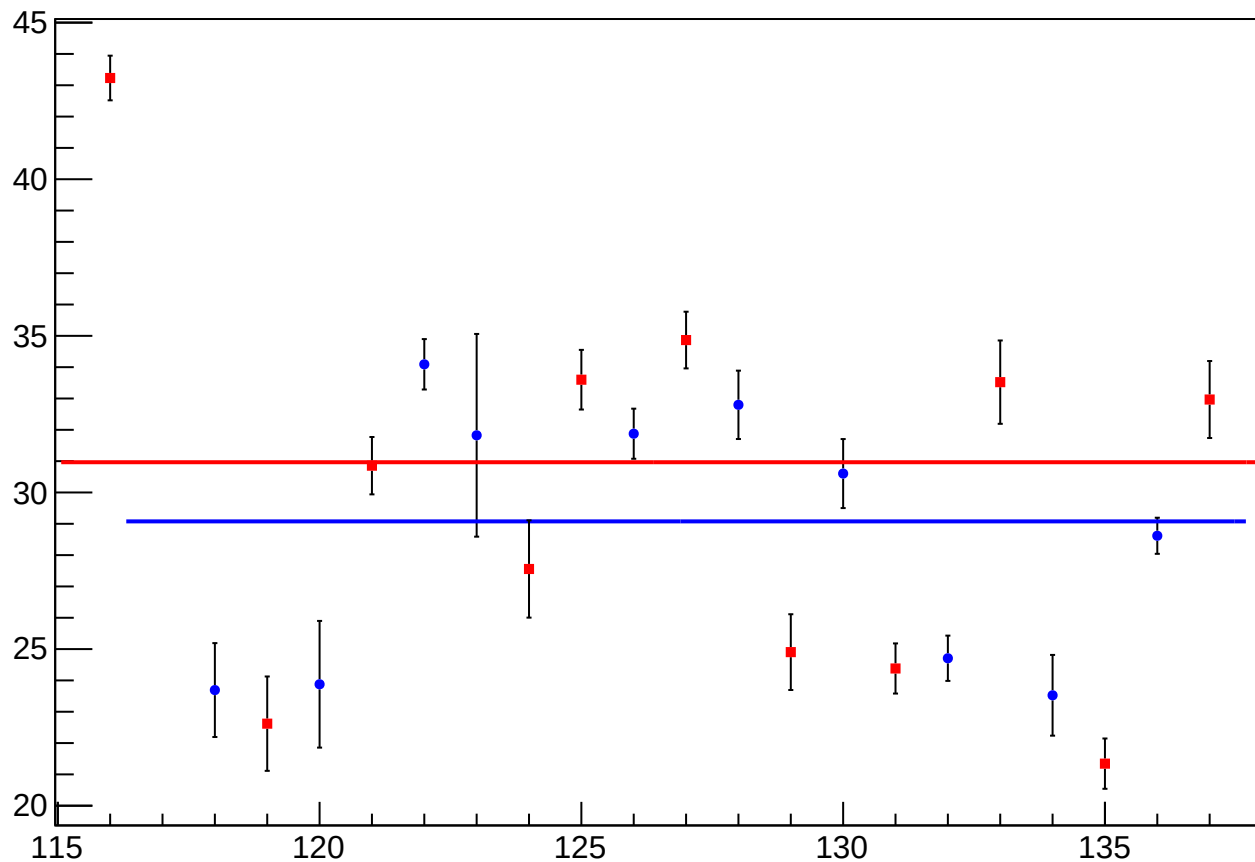
Right: 0.122 $\pm$ 0.019 χ^2 /NDF: 22.6/20

In: 0.092 $\pm$ 0.027 χ^2 /NDF:11.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.122 $\pm$ 0.019 χ^2 /NDF: 22.6/20

reg_asym_sam7_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 29.077+/-0.300 χ^2/NDF : 140.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.966+/-0.297 χ^2/NDF : 600.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

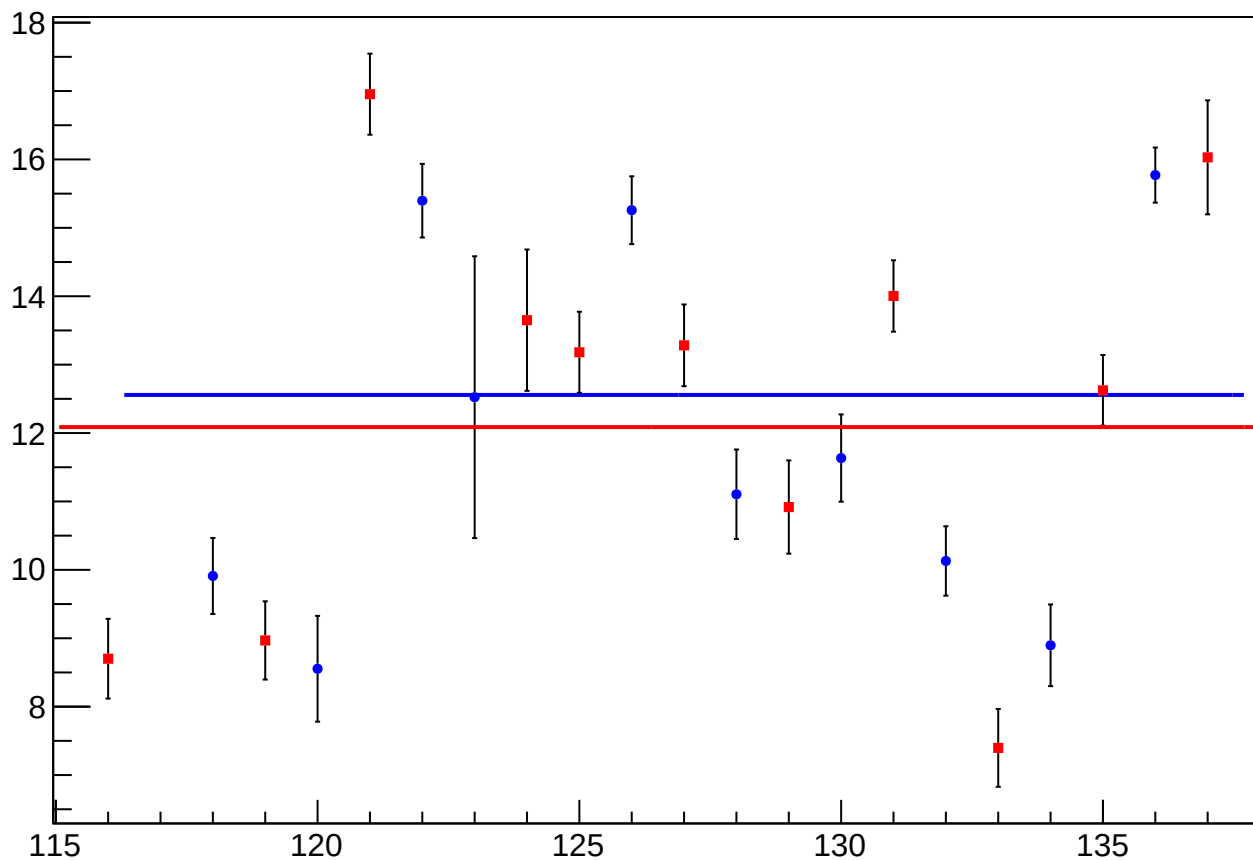
Right: 30.033+/-0.211 χ^2/NDF : 761.2/20

In: 29.077+/-0.300 χ^2/NDF : 140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.033+/-0.211 χ^2/NDF : 761.2/20

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.557+/-0.182 χ^2/NDF : 238.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.087+/-0.184 χ^2/NDF : 248.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

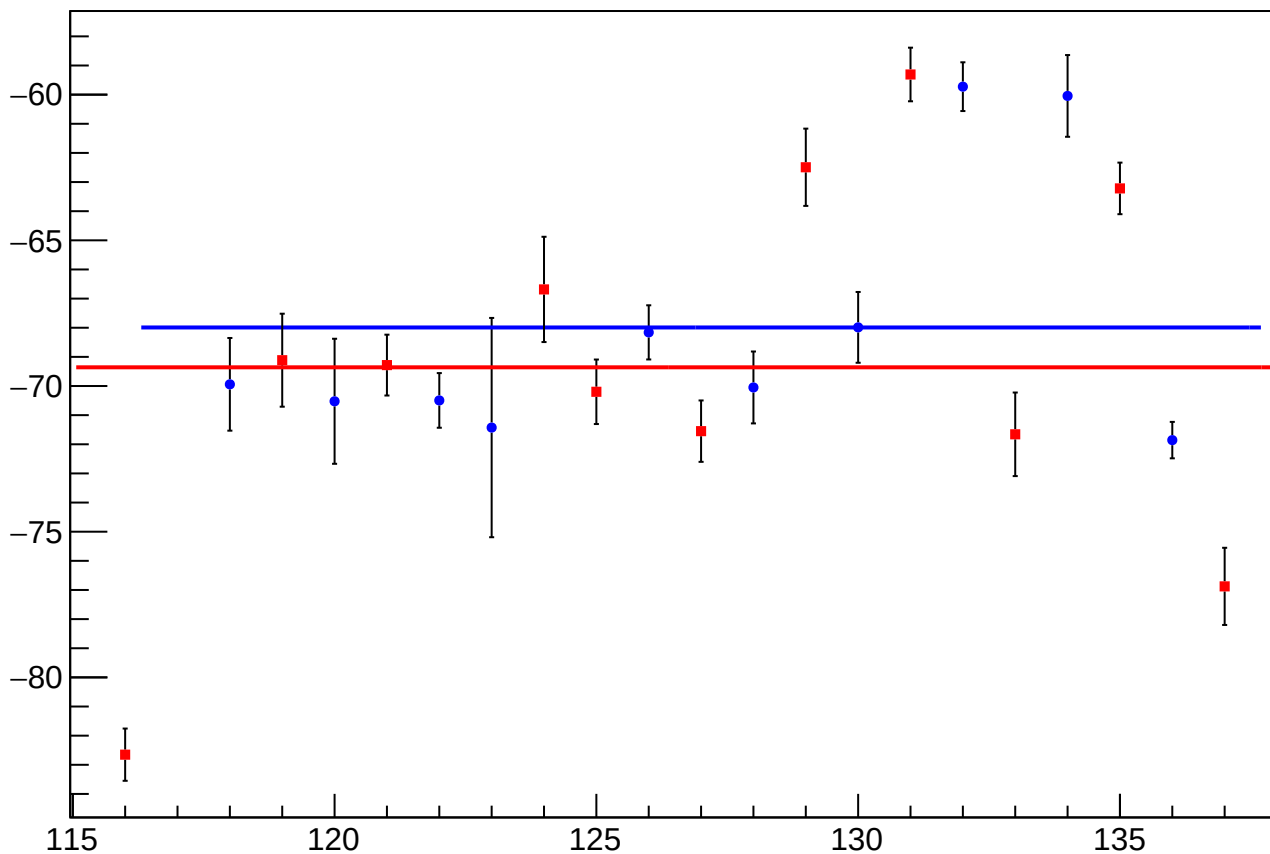
Right: 12.325+/-0.129 χ^2/NDF : 490.1/20

In: 12.557+/-0.182 χ^2/NDF : 238.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.325+/-0.129 χ^2/NDF : 490.1/20

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.991 ± 0.337 $\chi^2/\text{NDF}: 181.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -69.358 ± 0.340 $\chi^2/\text{NDF}: 456.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

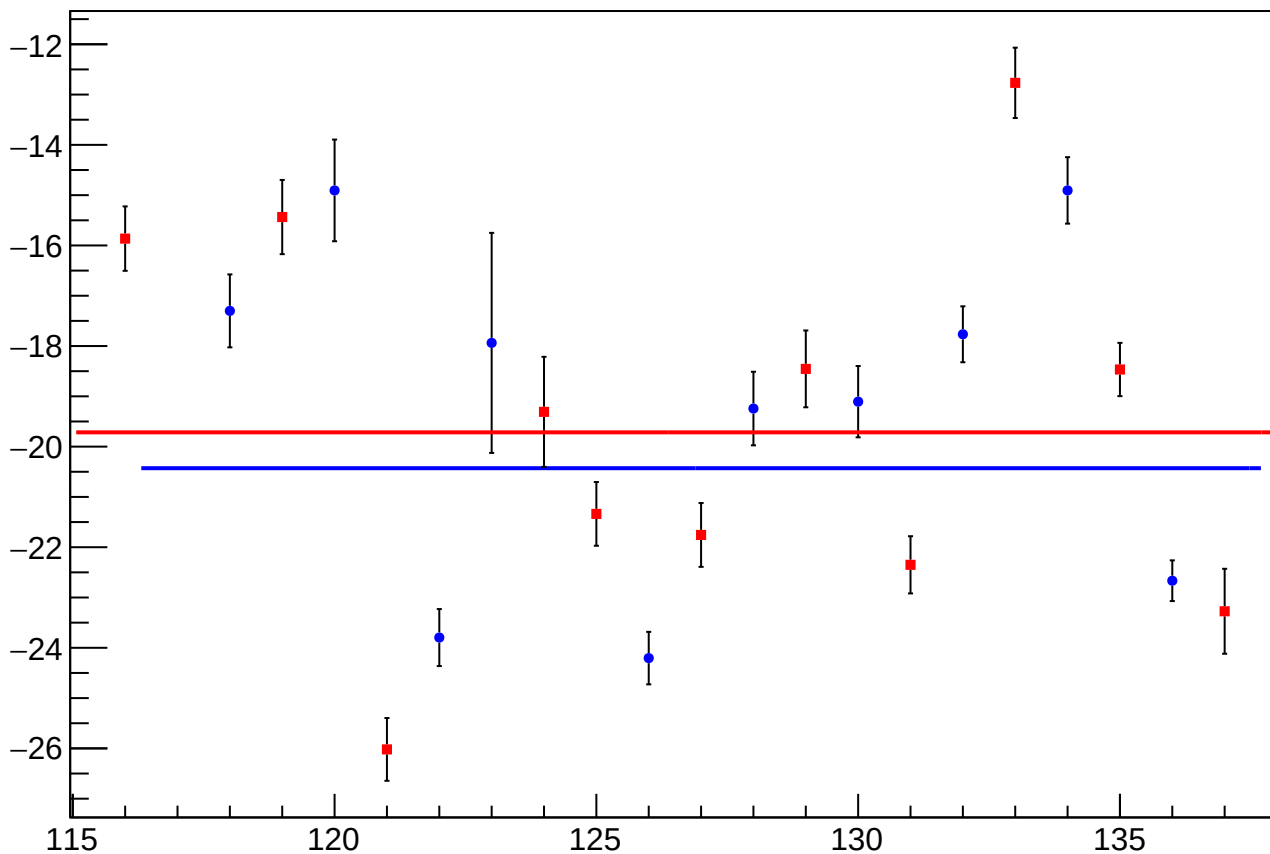
Right: -68.669 ± 0.239 $\chi^2/\text{NDF}: 645.8/20$

In: -67.991 ± 0.337 $\chi^2/\text{NDF}: 181.6/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -68.669 ± 0.239 $\chi^2/\text{NDF}: 645.8/20$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.429 ± 0.199 χ^2/NDF : 266.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.716 ± 0.202 χ^2/NDF : 335.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

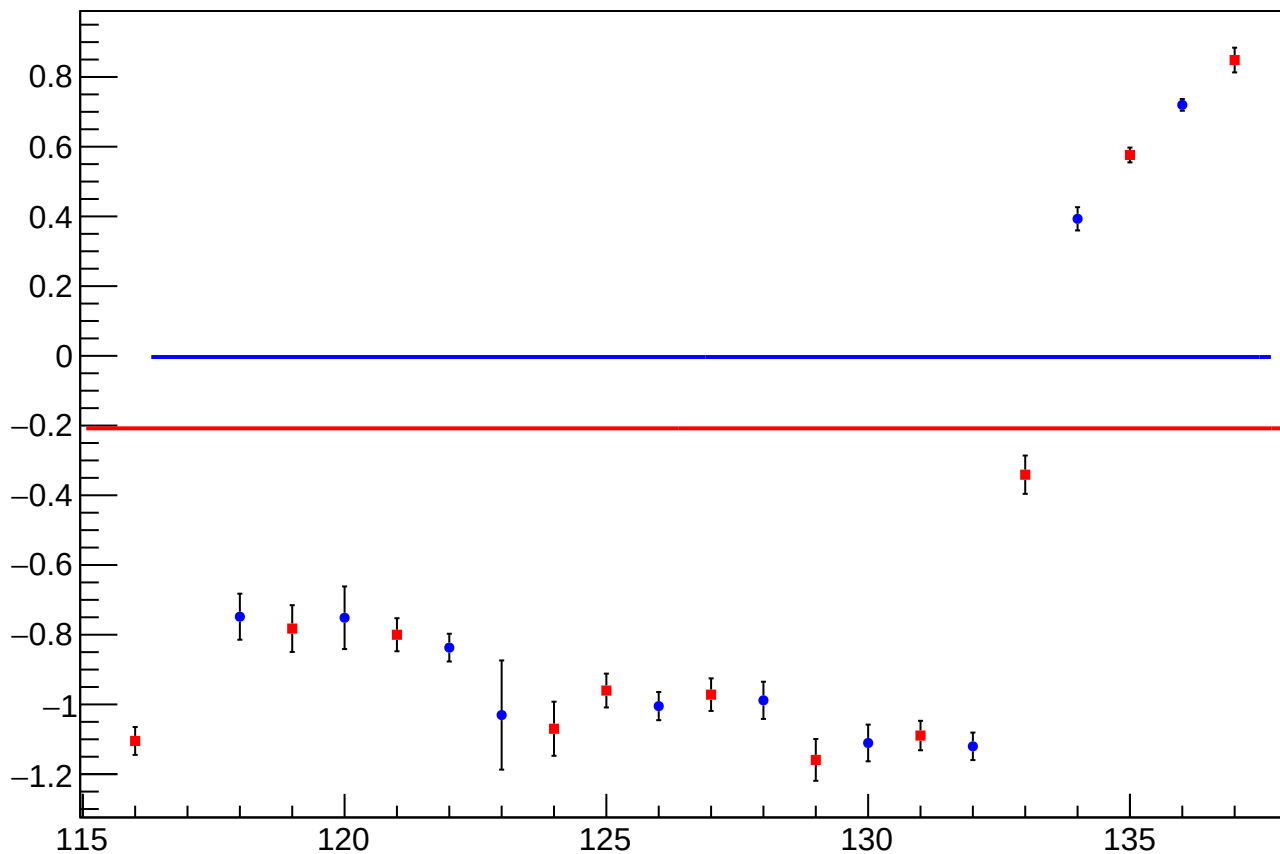
Right: -20.079 ± 0.142 χ^2/NDF : 608.2/20

In: -20.429 ± 0.199 χ^2/NDF : 266.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.079 ± 0.142 χ^2/NDF : 608.2/20

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003+/-0.012 χ^2/NDF : 4867.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.208+/-0.012 χ^2/NDF : 4296.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

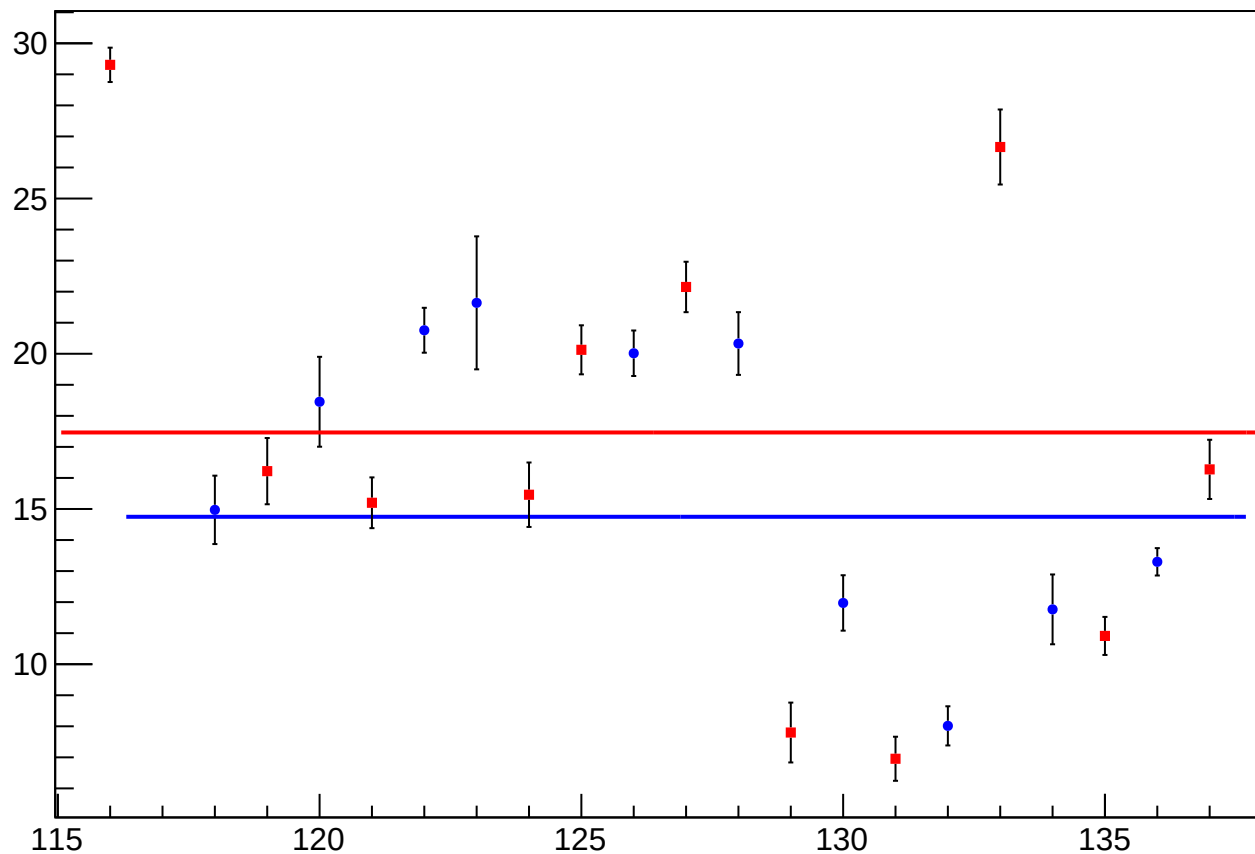
Right: -0.099+/-0.008 χ^2/NDF : 9308.3/20

In: -0.003+/-0.012 χ^2/NDF :4867.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.099+/-0.008 χ^2/NDF : 9308.3/20

reg_asym_sam8_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 14.749+/-0.250 χ^2/NDF : 309.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.465+/-0.241 χ^2/NDF : 1009.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

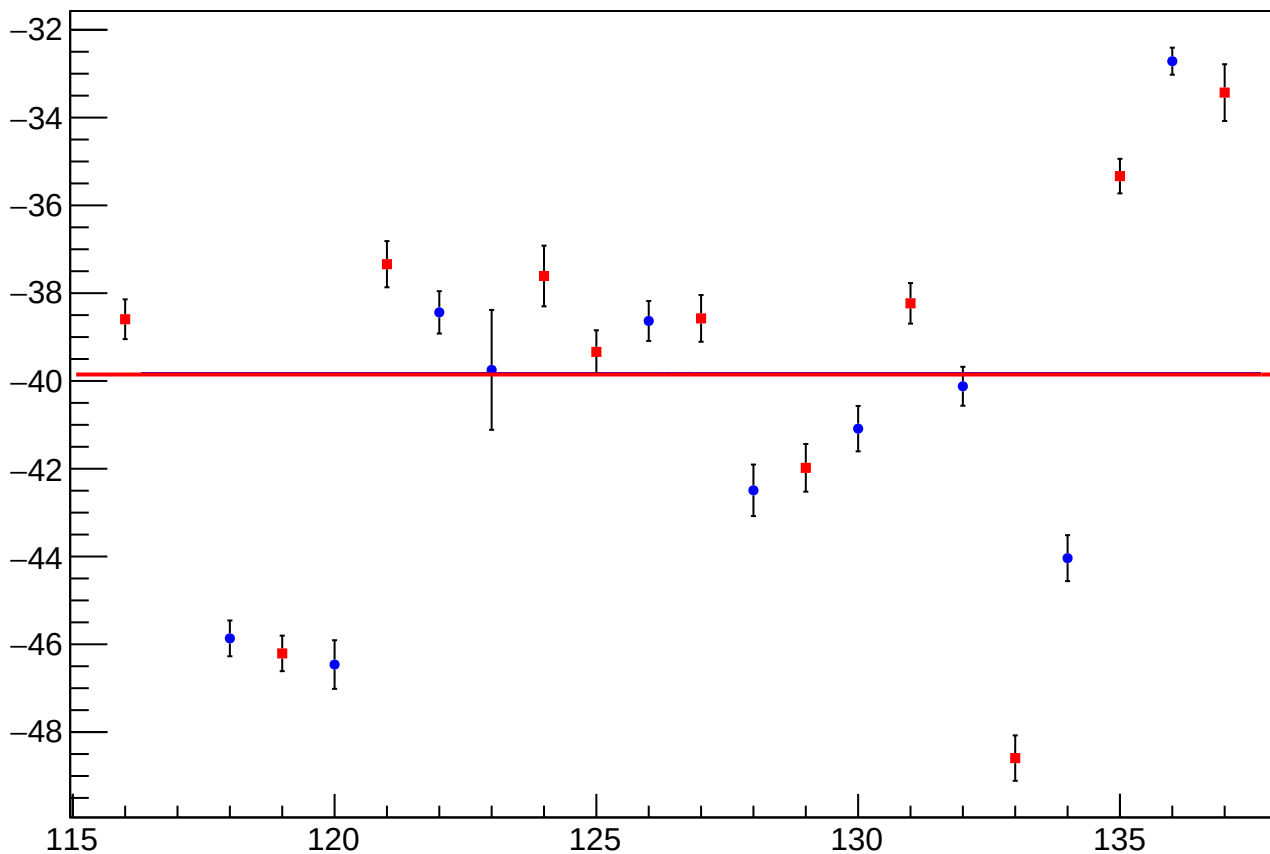
Right: 16.157+/-0.174 χ^2/NDF : 1379.7/20

In: 14.749+/-0.250 χ^2/NDF : 309.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.157+/-0.174 χ^2/NDF : 1379.7/20

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.842 ± 0.149 χ^2/NDF : 1002.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.853 ± 0.149 χ^2/NDF : 837.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

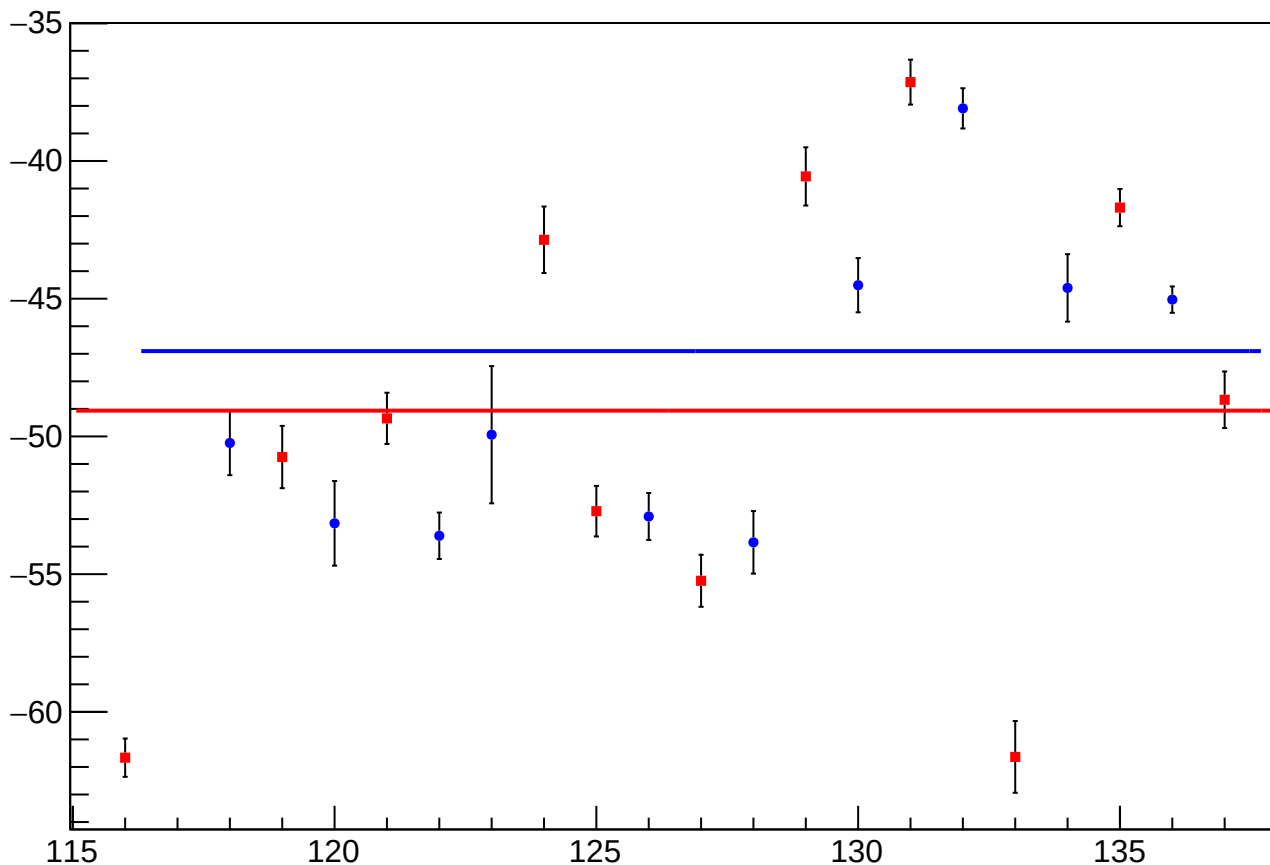
Right: -39.848 ± 0.106 χ^2/NDF : 1839.3/20

In: -39.842 ± 0.149 χ^2/NDF : 1002.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.848 ± 0.106 χ^2/NDF : 1839.3/20

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.902 $\pm$ 0.279 χ^2 /NDF: 346.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -49.064 $\pm$ 0.276 χ^2 /NDF: 905.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

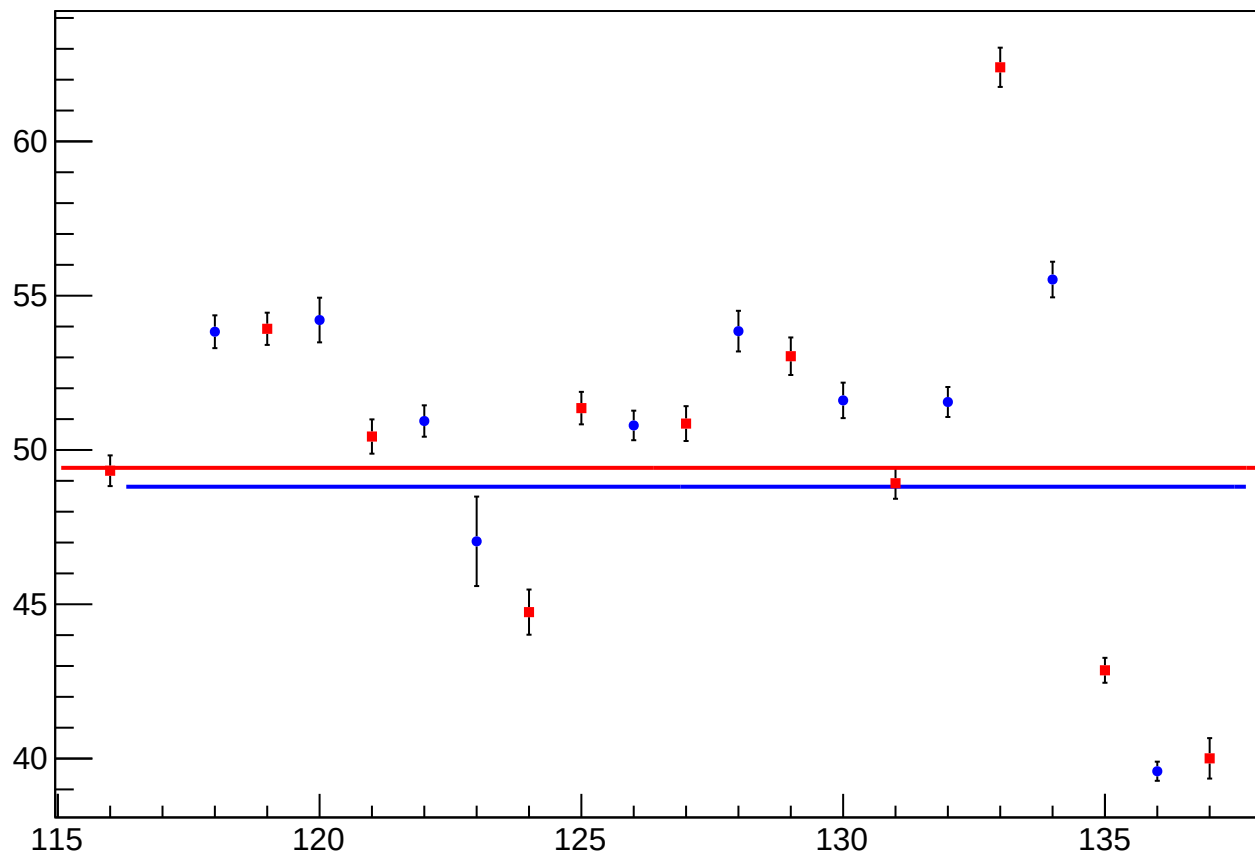
Right: -47.996 $\pm$ 0.196 χ^2 /NDF: 1282.9/20

In: -46.902 $\pm$ 0.279 χ^2 /NDF:346.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.996 $\pm$ 0.196 χ^2 /NDF: 1282.9/20

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.809 $\pm$ 0.164 χ^2 /NDF: 1315.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.421 $\pm$ 0.164 χ^2 /NDF: 1061.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

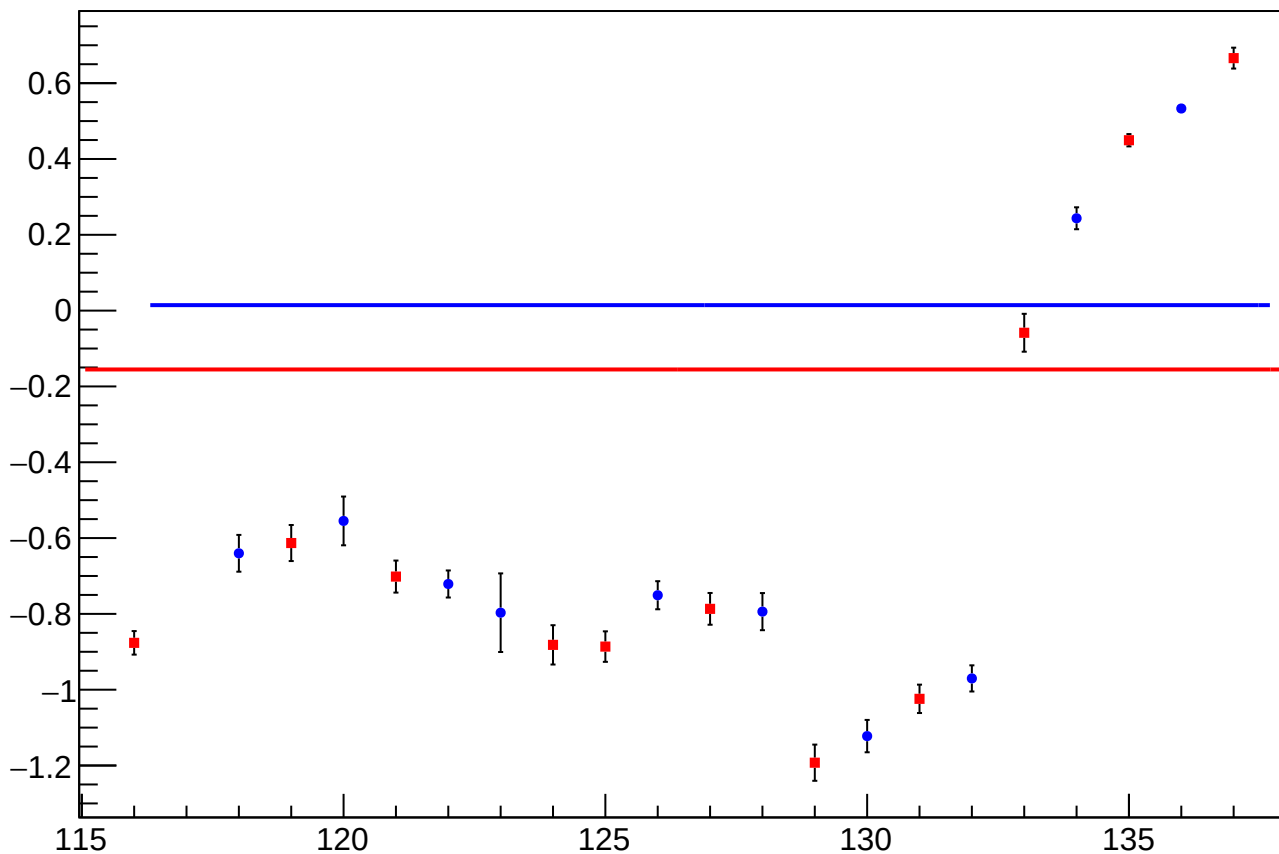
Right: 49.115 $\pm$ 0.116 χ^2 /NDF: 2383.8/20

In: 48.809 $\pm$ 0.164 χ^2 /NDF:1315.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.115 $\pm$ 0.116 χ^2 /NDF: 2383.8/20

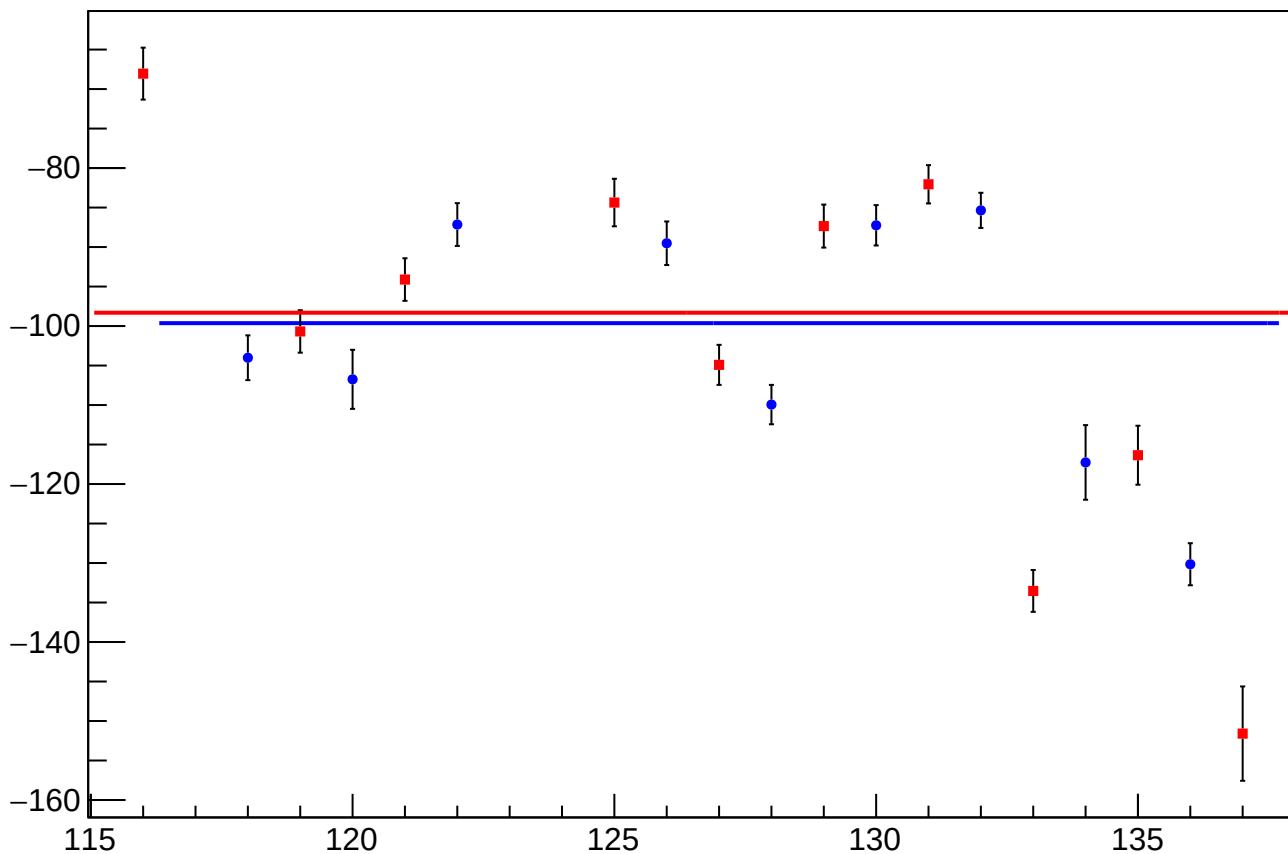
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.009 χ^2/NDF : 4662.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.155+/-0.010 χ^2/NDF : 4841.0/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.066+/-0.007 χ^2/NDF : 9658.2/20
 In: 0.014+/-0.009 χ^2/NDF :4662.3/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.066+/-0.007 χ^2/NDF : 9658.2/20

reg_asym_usl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -99.634 $\pm$ 0.926 χ^2 /NDF: 267.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -98.314 $\pm$ 0.920 χ^2 /NDF: 457.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

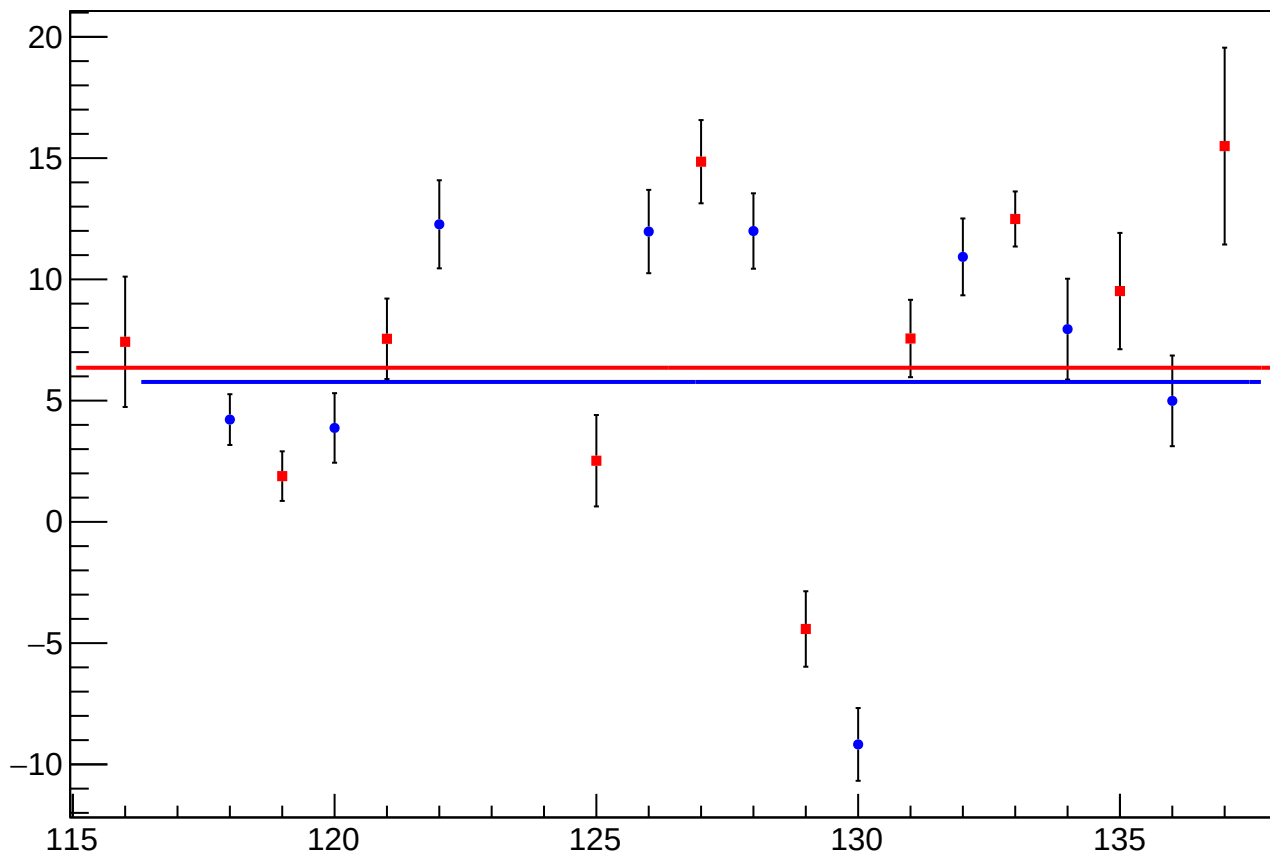
Right: -98.970 $\pm$ 0.653 χ^2 /NDF: 726.3/18

In: -99.634 $\pm$ 0.926 χ^2 /NDF:267.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -98.970 $\pm$ 0.653 χ^2 /NDF: 726.3/18

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.770 $\pm$ 0.512 χ^2 /NDF: 156.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.356 $\pm$ 0.507 χ^2 /NDF: 132.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

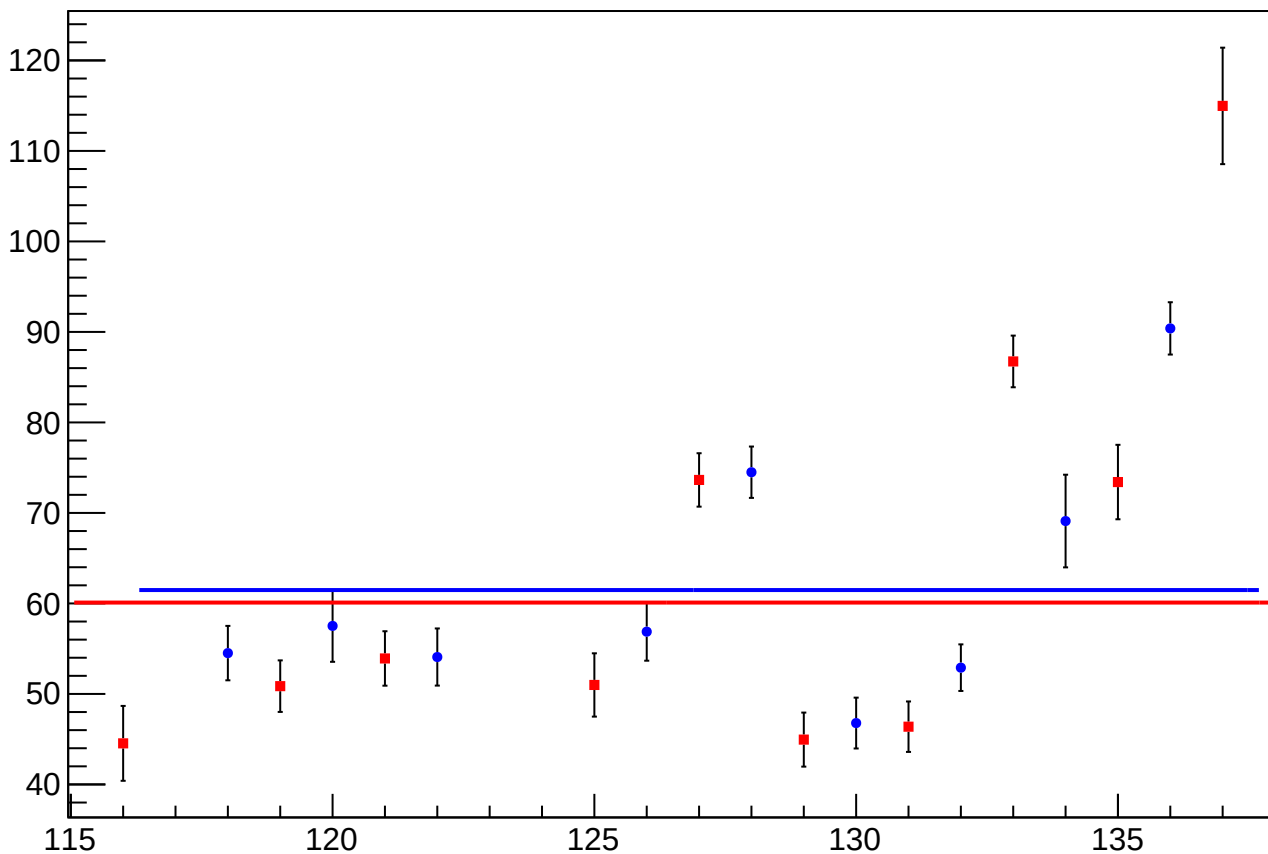
Right: 6.066 $\pm$ 0.360 χ^2 /NDF: 290.5/18

In: 5.770 $\pm$ 0.512 χ^2 /NDF:156.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.066 $\pm$ 0.360 χ^2 /NDF: 290.5/18

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.479+/-1.036 χ^2/NDF : 175.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.095+/-1.034 χ^2/NDF : 277.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

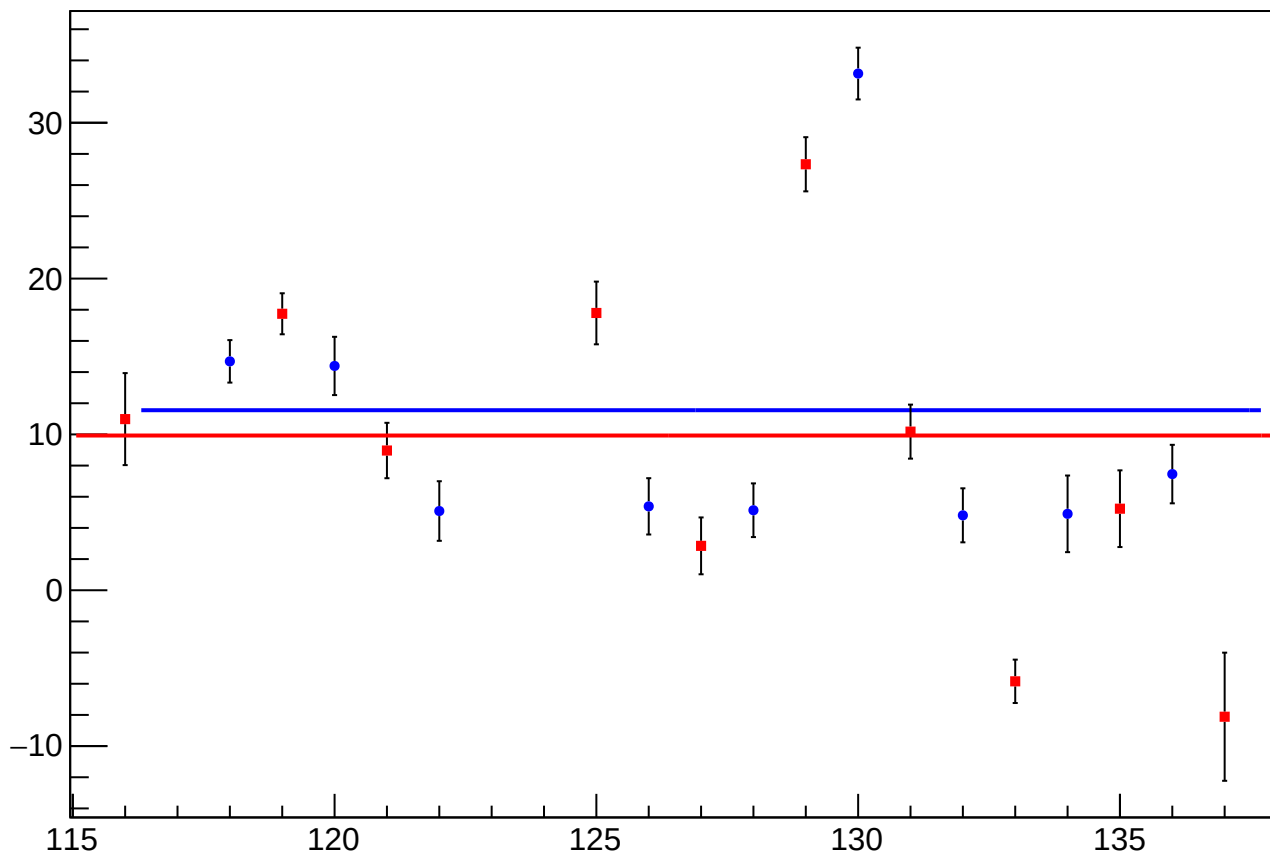
Right: 60.786+/-0.732 χ^2/NDF : 453.6/18

In: 61.479+/-1.036 χ^2/NDF : 175.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.786+/-0.732 χ^2/NDF : 453.6/18

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.553+/-0.589 χ^2/NDF : 240.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.929+/-0.581 χ^2/NDF : 317.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

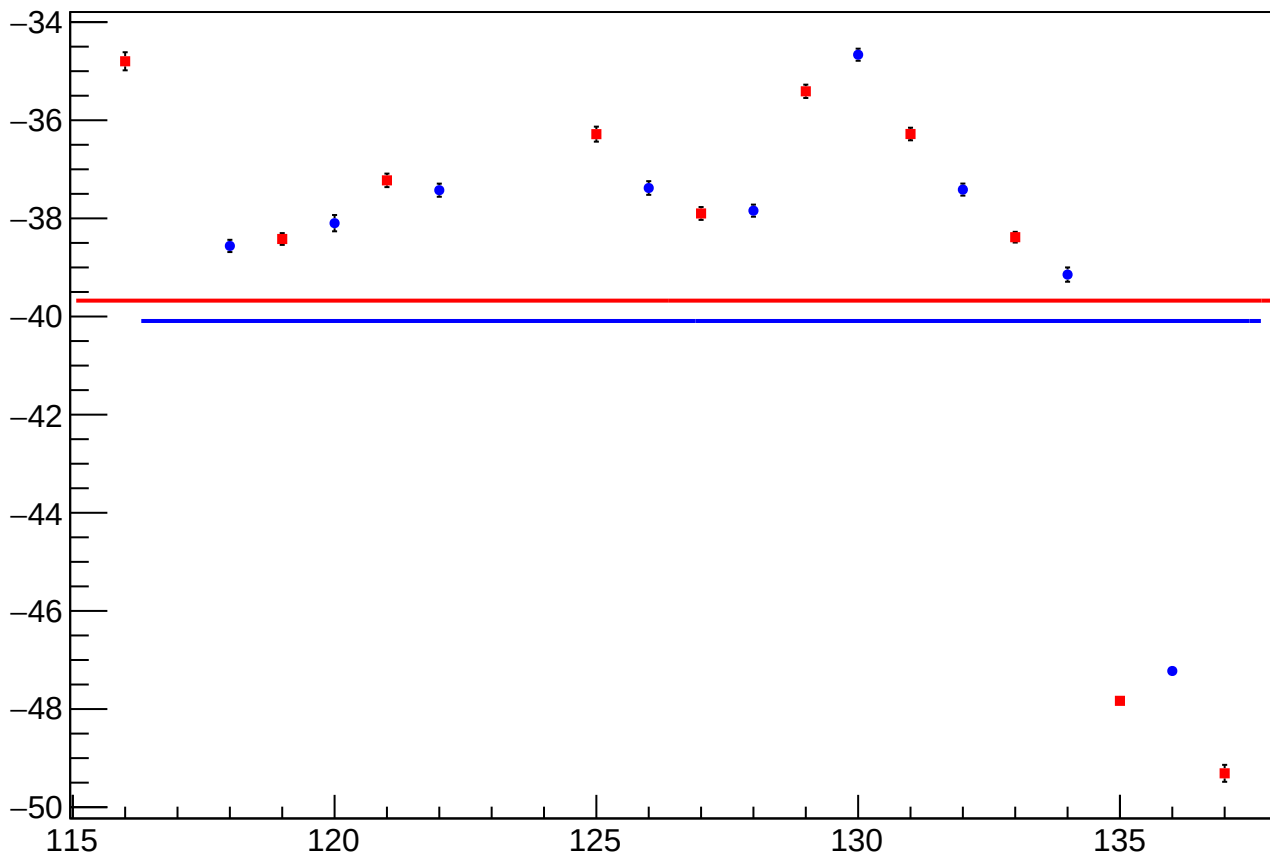
Right: 10.730+/-0.414 χ^2/NDF : 562.5/18

In: 11.553+/-0.589 χ^2/NDF : 240.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.730+/-0.414 χ^2/NDF : 562.5/18

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.091 $\pm$ 0.040 χ^2 /NDF: 12324.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.676 $\pm$ 0.041 χ^2 /NDF: 13506.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

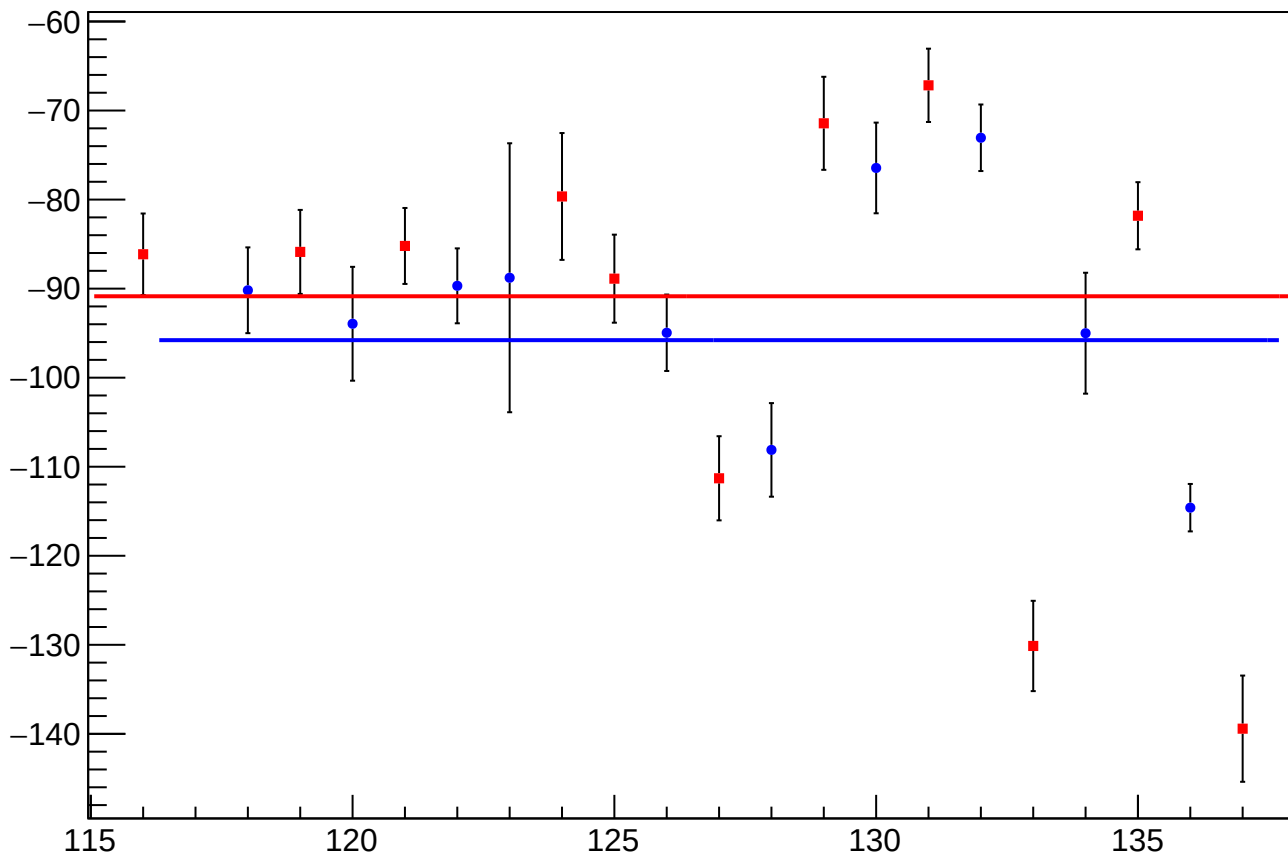
Right: -39.889 $\pm$ 0.029 χ^2 /NDF: 25882.5/18

In: -40.091 $\pm$ 0.040 χ^2 /NDF:12324.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.889 $\pm$ 0.029 χ^2 /NDF: 25882.5/18

reg_asym_usr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -95.787 $\pm$ 1.426 χ^2 /NDF: 110.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -90.858 $\pm$ 1.434 χ^2 /NDF: 204.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

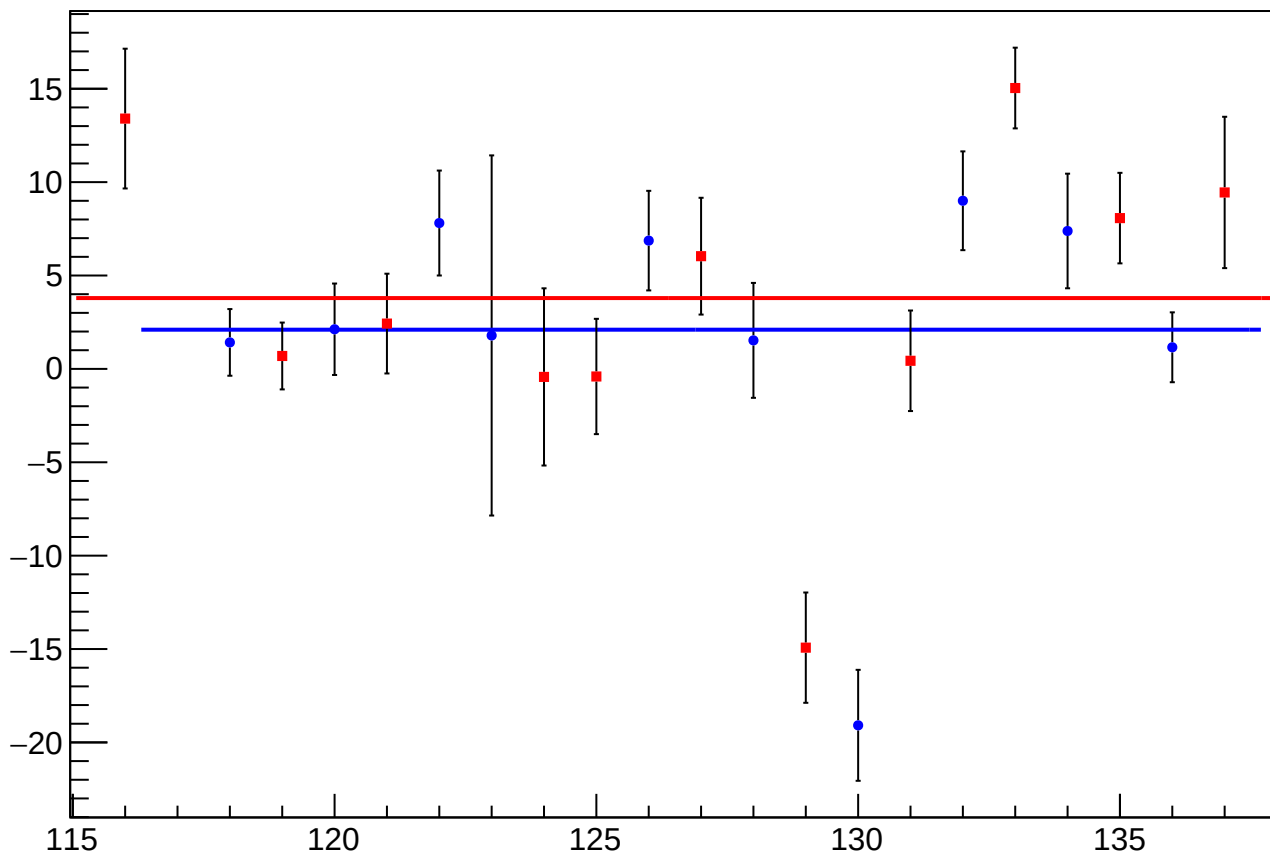
Right: -93.337 $\pm$ 1.011 χ^2 /NDF: 320.8/20

In: -95.787 $\pm$ 1.426 χ^2 /NDF:110.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.337 $\pm$ 1.011 χ^2 /NDF: 320.8/20

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.099+/-0.813 χ^2/NDF : 68.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.792+/-0.824 χ^2/NDF : 86.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

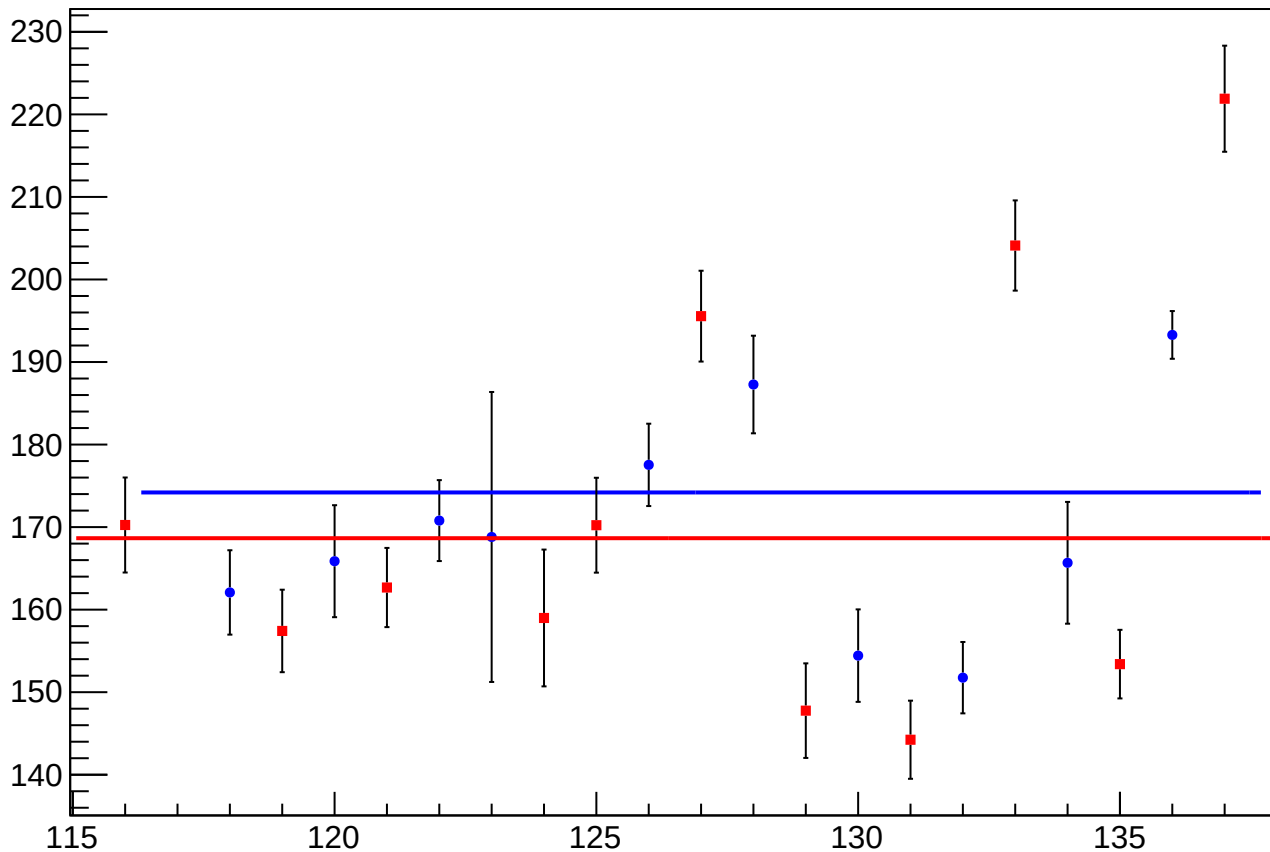
Right: 2.934+/-0.579 χ^2/NDF : 157.4/20

In: 2.099+/-0.813 χ^2/NDF : 68.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.934+/-0.579 χ^2/NDF : 157.4/20

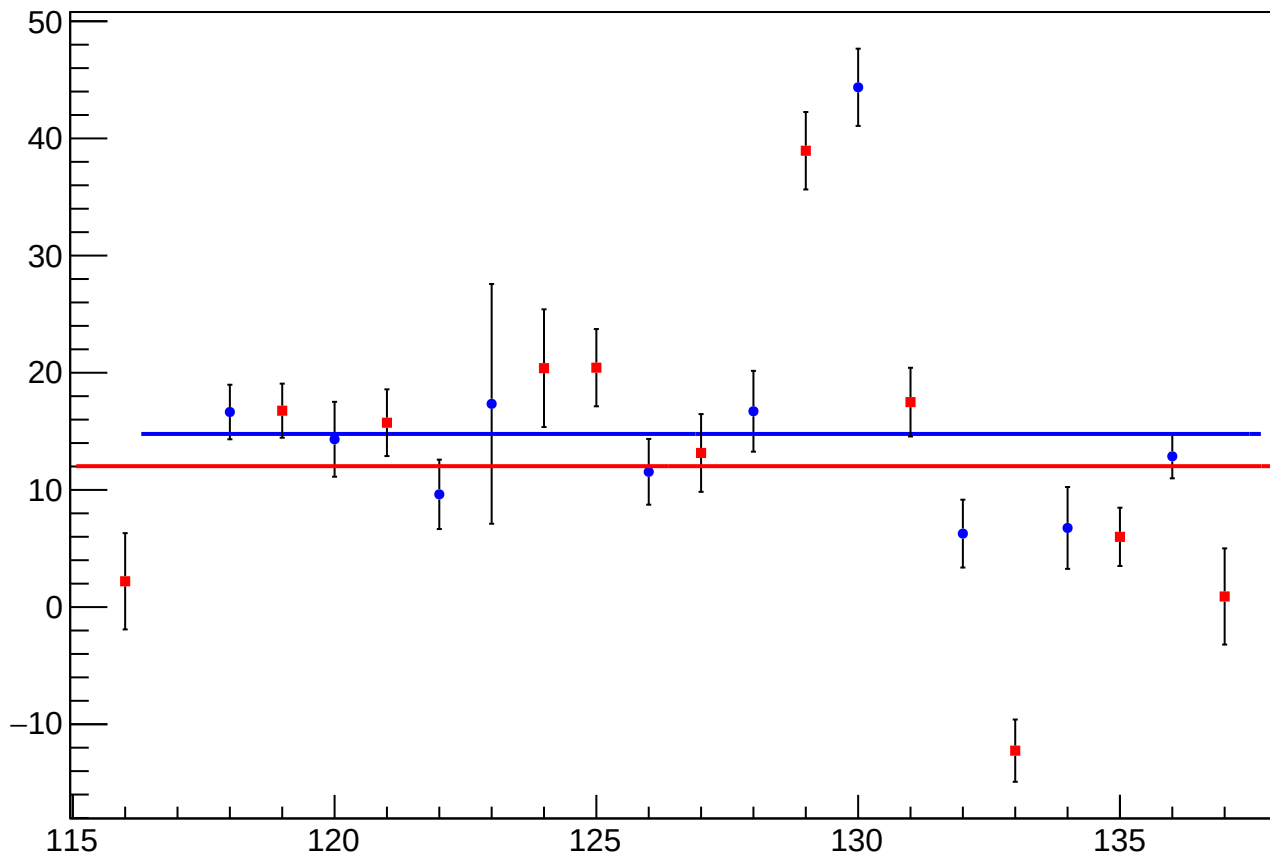
reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 174.198+/-1.587 χ^2/NDF : 97.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 168.655+/-1.617 χ^2/NDF : 196.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 171.479+/-1.133 χ^2/NDF : 299.4/20
 In: 174.198+/-1.587 χ^2/NDF : 97.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 171.479+/-1.133 χ^2/NDF : 299.4/20

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.777 $\pm$ 0.915 χ^2/NDF : 100.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 12.027 $\pm$ 0.927 χ^2/NDF : 187.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

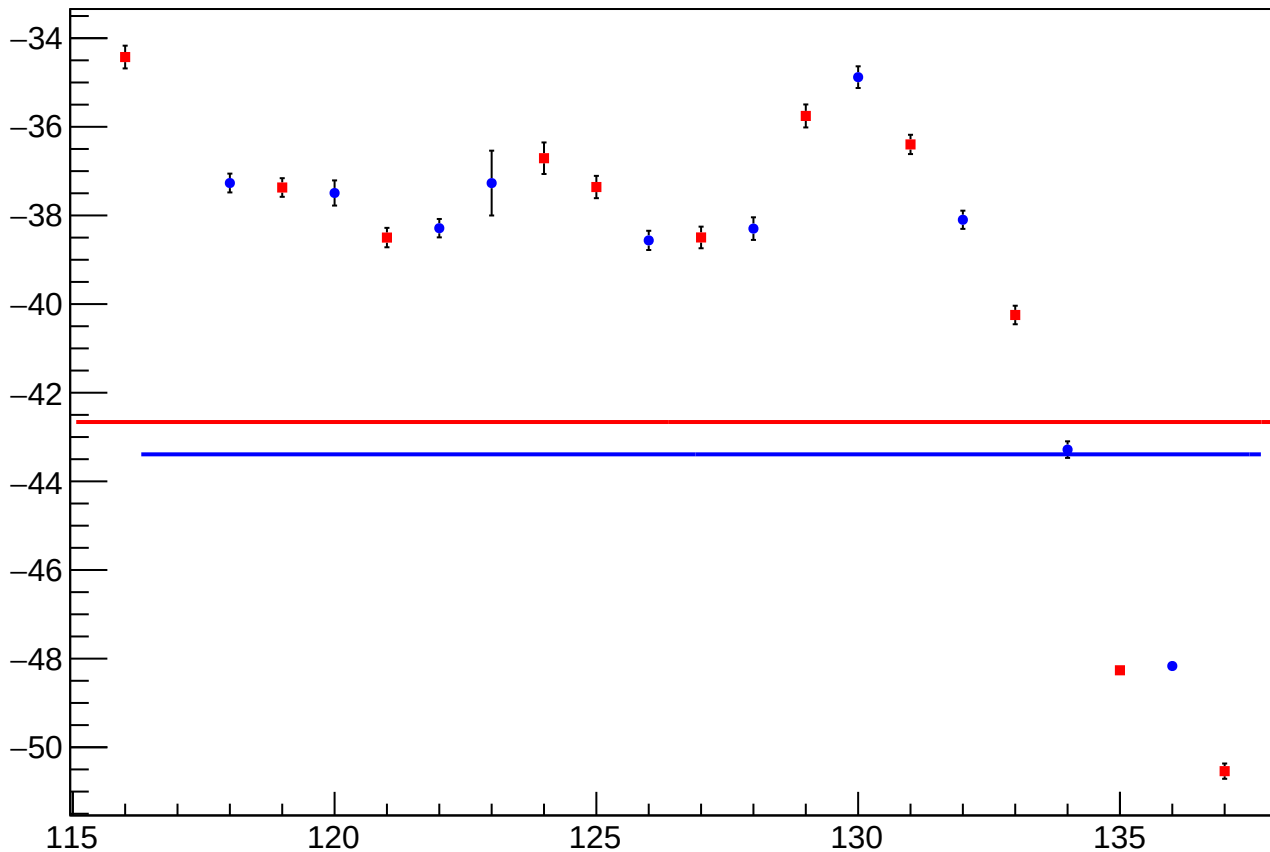
Right: 13.419 $\pm$ 0.651 χ^2/NDF : 292.9/20

In: 14.777 $\pm$ 0.915 χ^2/NDF : 100.9/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 13.419 $\pm$ 0.651 χ^2/NDF : 292.9/20

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -43.390+/-0.055 χ^2/NDF : 8479.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.661+/-0.059 χ^2/NDF : 9919.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

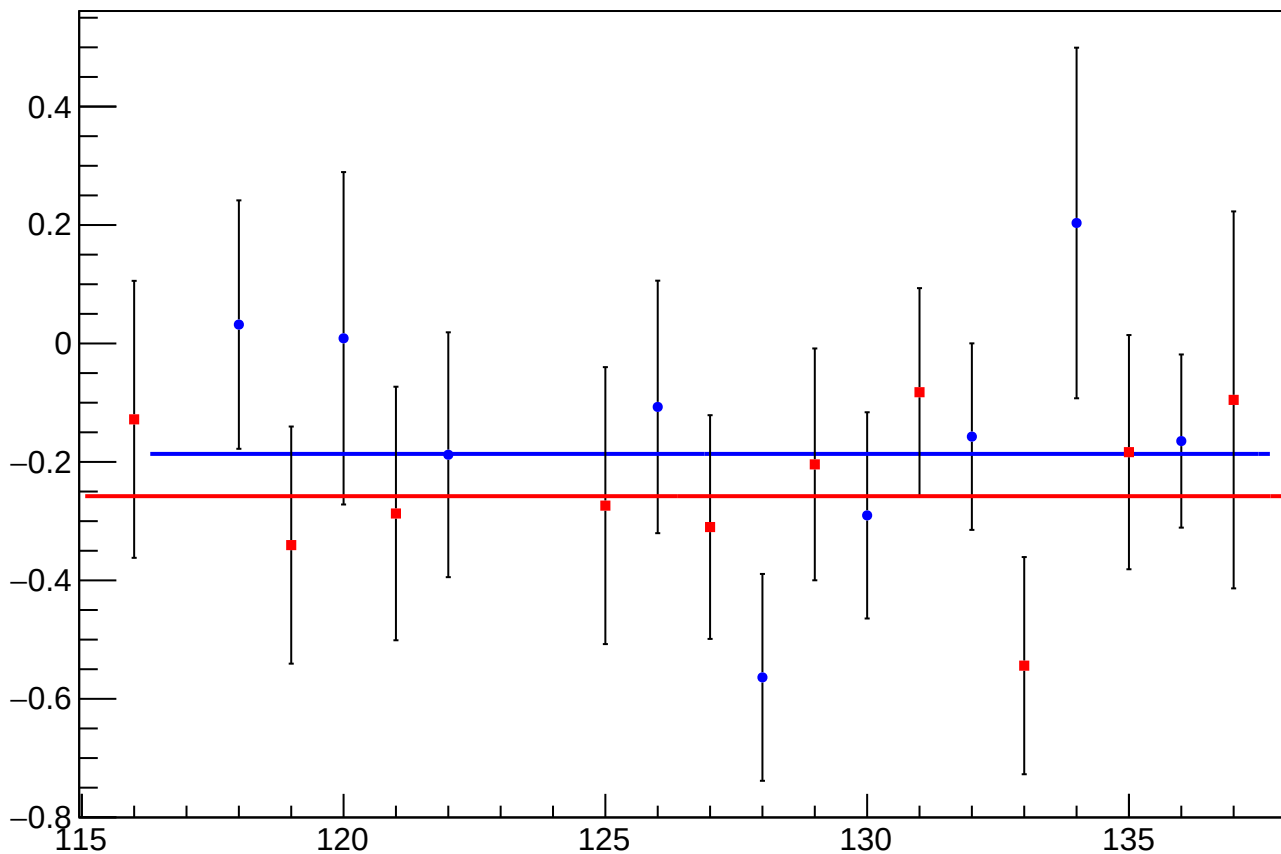
Right: -43.049+/-0.040 χ^2/NDF : 18482.0/20

In: -43.390+/-0.055 χ^2/NDF : 8479.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.049+/-0.040 χ^2/NDF : 18482.0/20

reg_asym_dsl_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.186+/-0.064 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.258+/-0.065 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

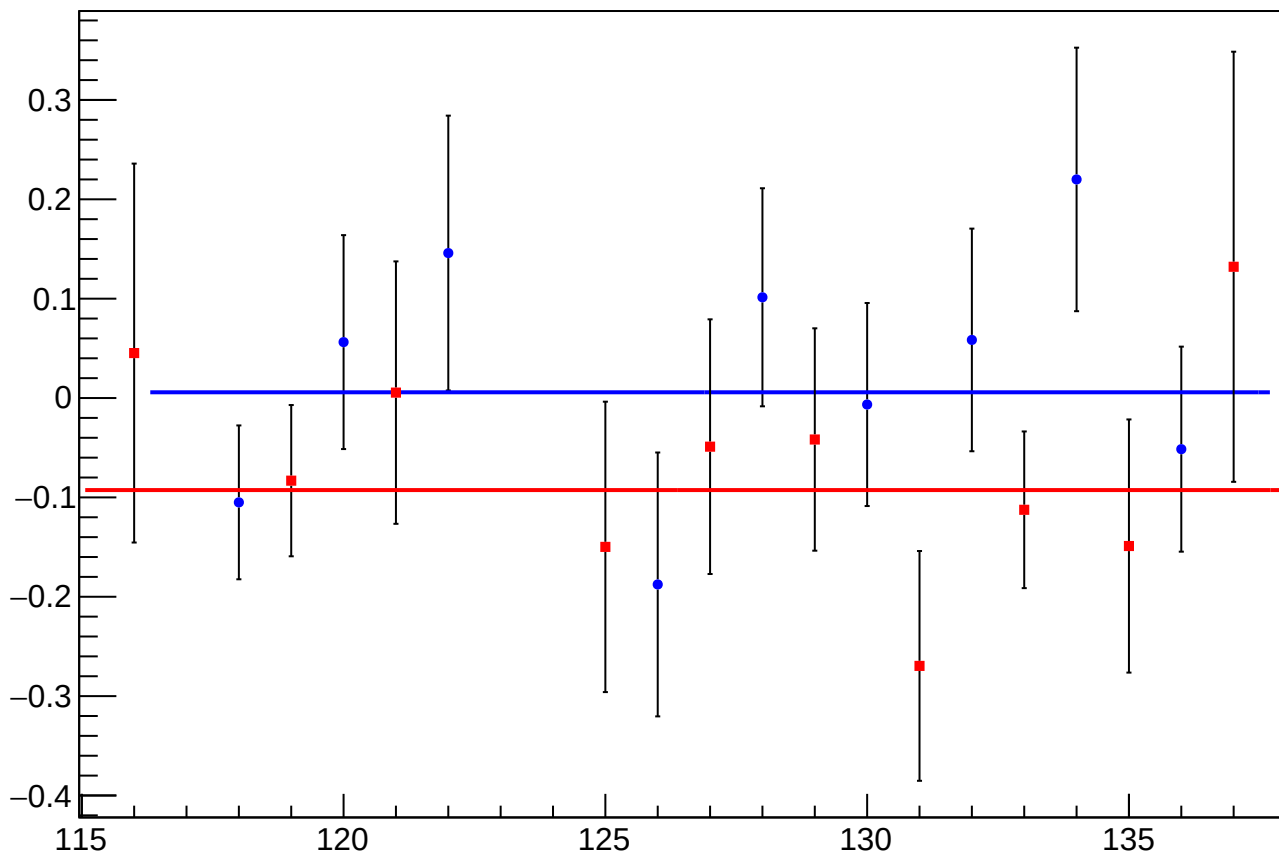
Right: -0.221+/-0.046 χ^2/NDF : 13.6/18

In: -0.186+/-0.064 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.221+/-0.046 χ^2/NDF : 13.6/18

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.036 χ^2/NDF : 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 $\pm$ 0.036 χ^2/NDF : 5.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

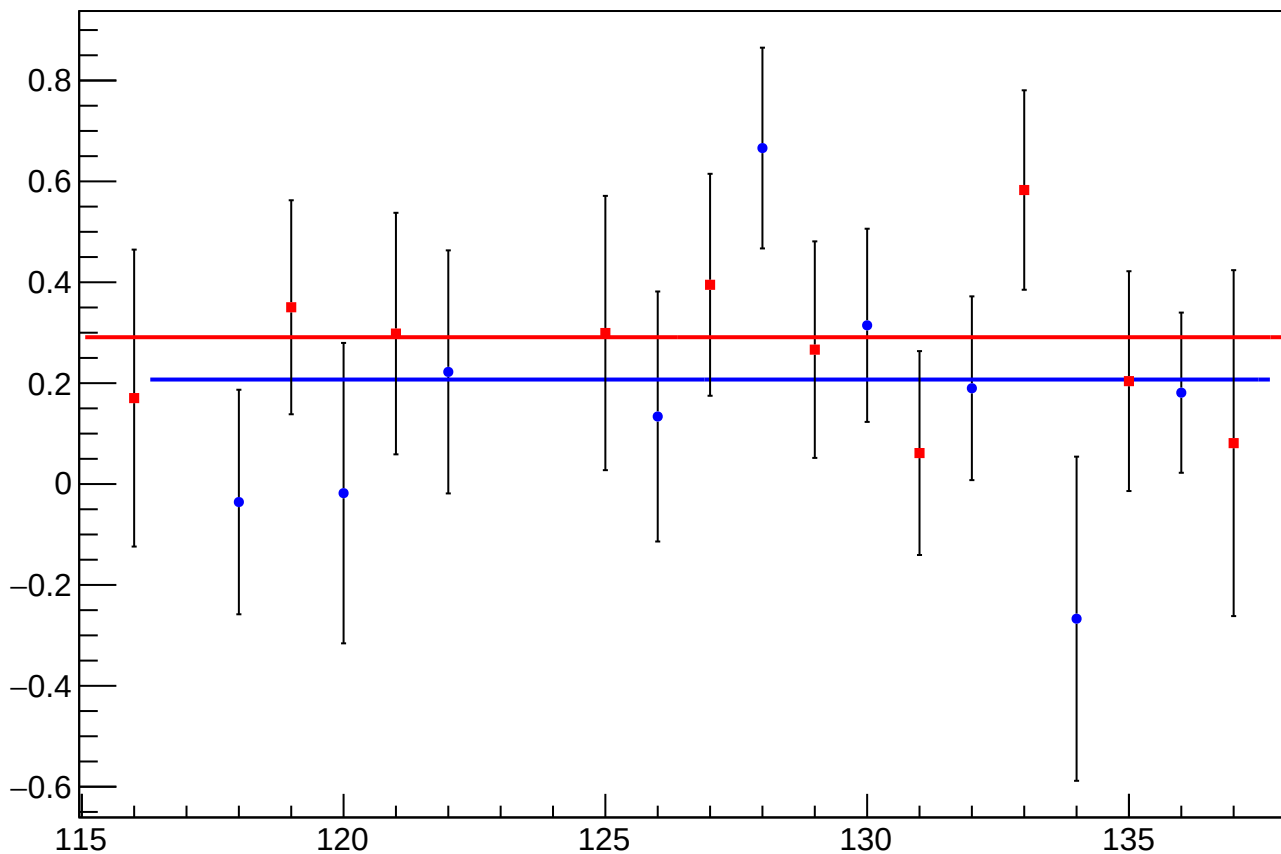
Right: -0.043 $\pm$ 0.026 χ^2/NDF : 18.3/18

In: 0.006 $\pm$ 0.036 χ^2/NDF : 9.3/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.043 $\pm$ 0.026 χ^2/NDF : 18.3/18

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.071 χ^2 /NDF: 9.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.291 $\pm$ 0.073 χ^2 /NDF: 4.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

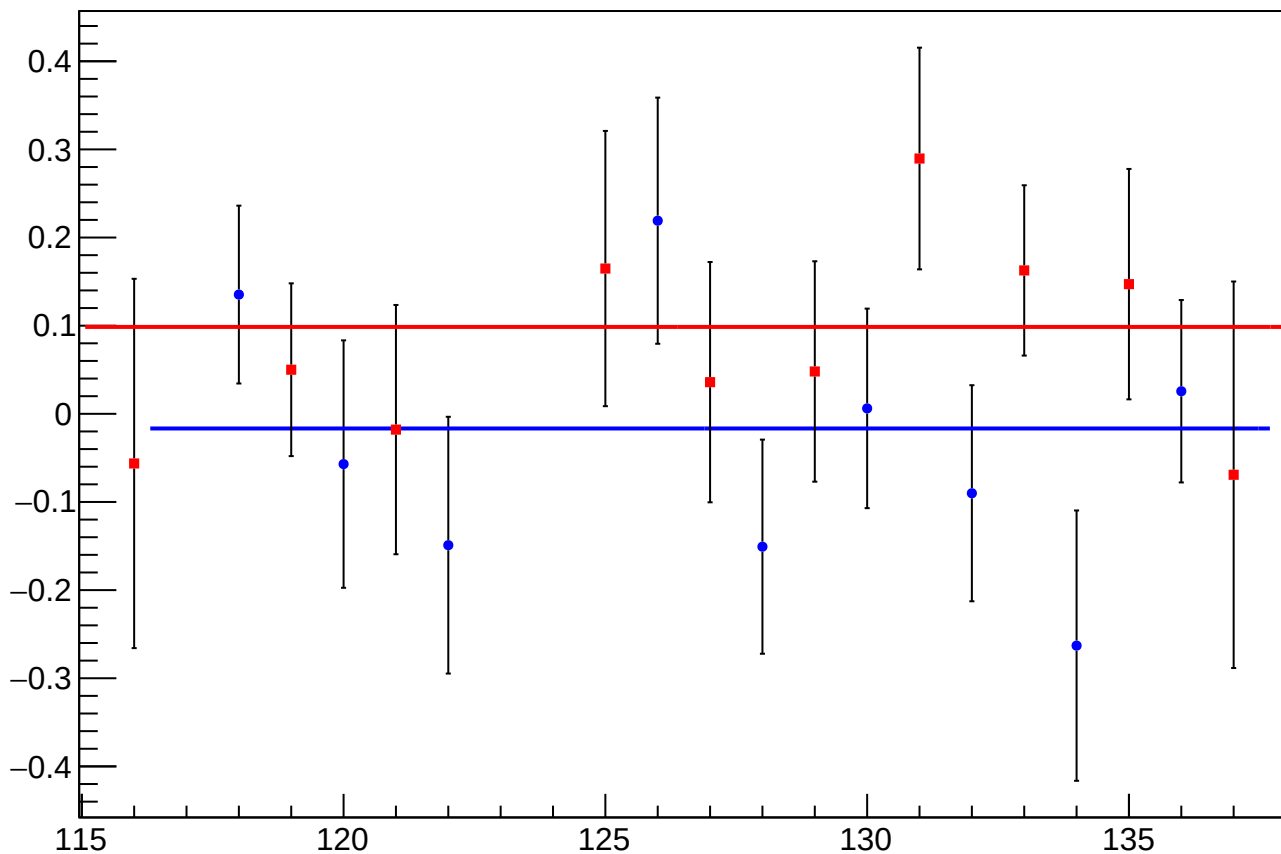
Right: 0.248 $\pm$ 0.051 χ^2 /NDF: 14.9/18

In: 0.207 $\pm$ 0.071 χ^2 /NDF: 9.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.248 $\pm$ 0.051 χ^2 /NDF: 14.9/18

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.041 χ^2 /NDF: 10.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.099 $\pm$ 0.041 χ^2 /NDF: 5.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

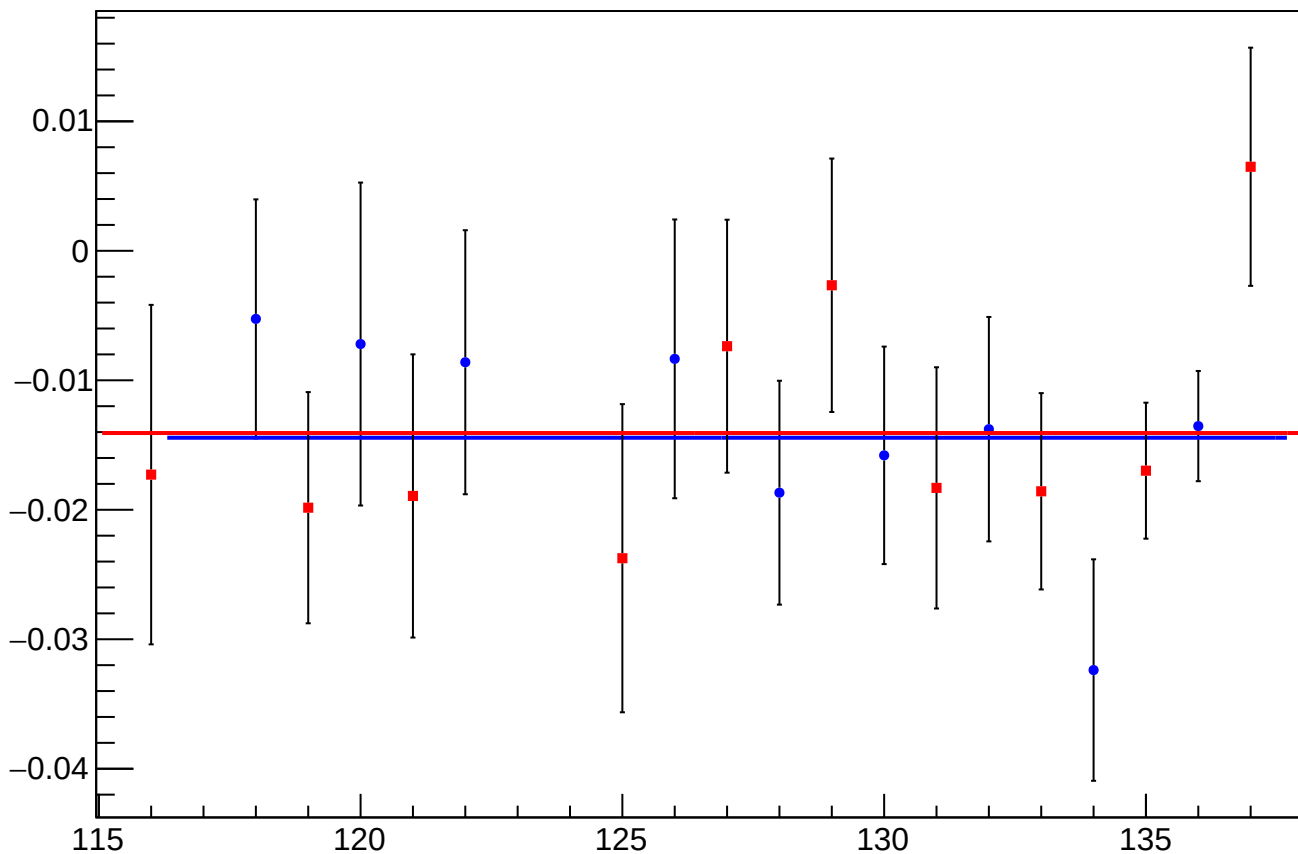
Right: 0.040 $\pm$ 0.029 χ^2 /NDF: 19.8/18

In: -0.017 $\pm$ 0.041 χ^2 /NDF:10.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.029 χ^2 /NDF: 19.8/18

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.003 χ^2 /NDF: 6.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.003 χ^2 /NDF: 9.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

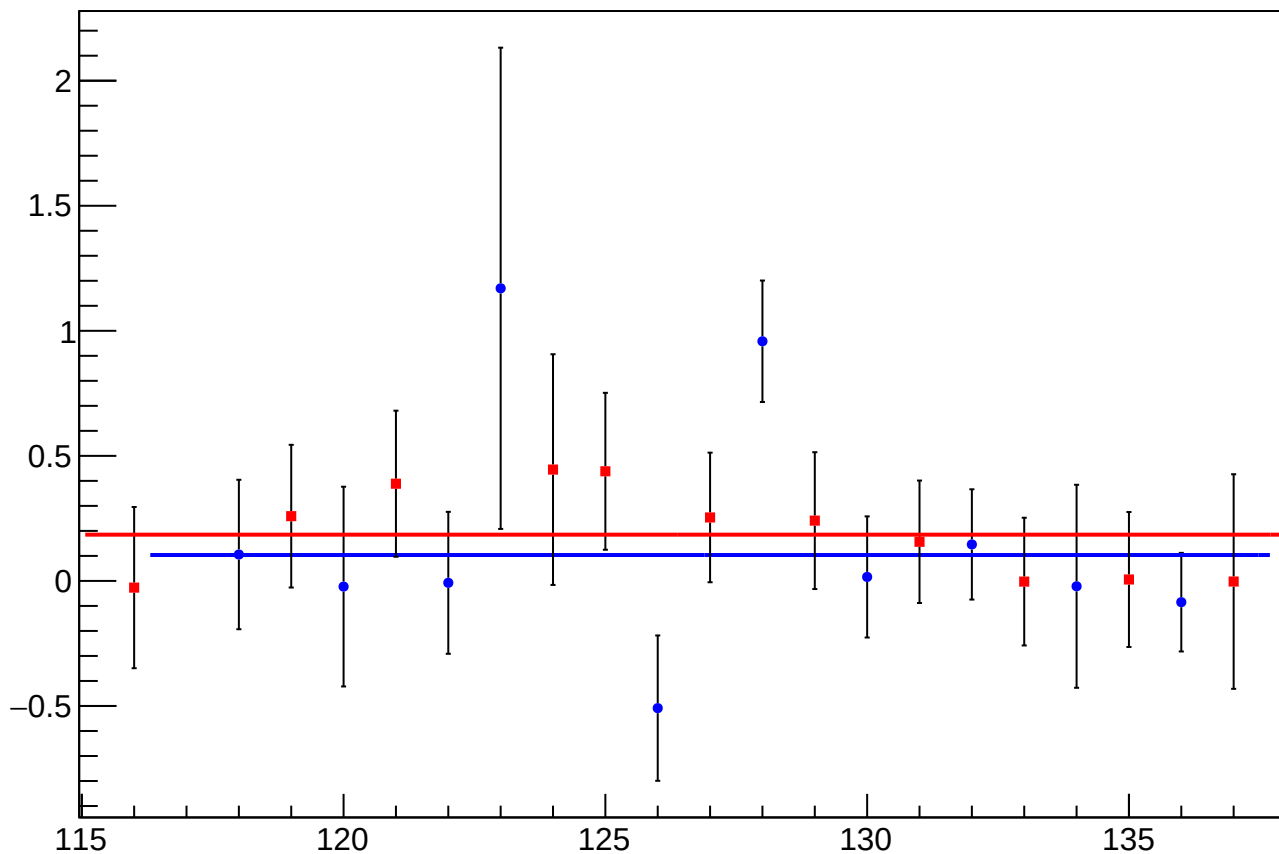
Right: -0.014 $\pm$ 0.002 χ^2 /NDF: 15.7/18

In: -0.014 $\pm$ 0.003 χ^2 /NDF:6.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.002 χ^2 /NDF: 15.7/18

reg_asym_dsr_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 0.104 $\pm$ 0.088 χ^2 /NDF: 19.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.185 $\pm$ 0.088 χ^2 /NDF: 3.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

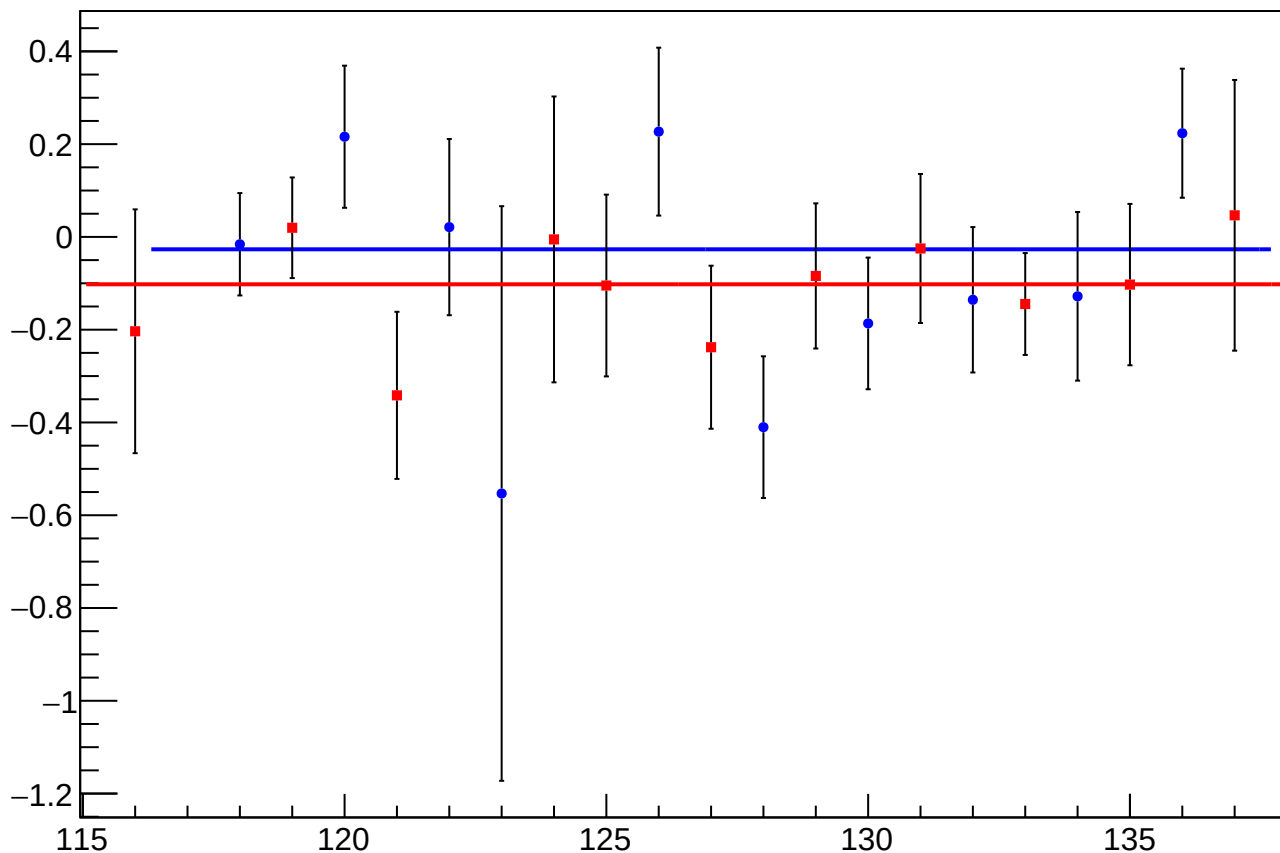
Right: 0.144 $\pm$ 0.062 χ^2 /NDF: 23.2/20

In: 0.104 $\pm$ 0.088 χ^2 /NDF:19.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.144 $\pm$ 0.062 χ^2 /NDF: 23.2/20

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.027 ± 0.050 χ^2/NDF : 16.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.102 ± 0.050 χ^2/NDF : 4.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

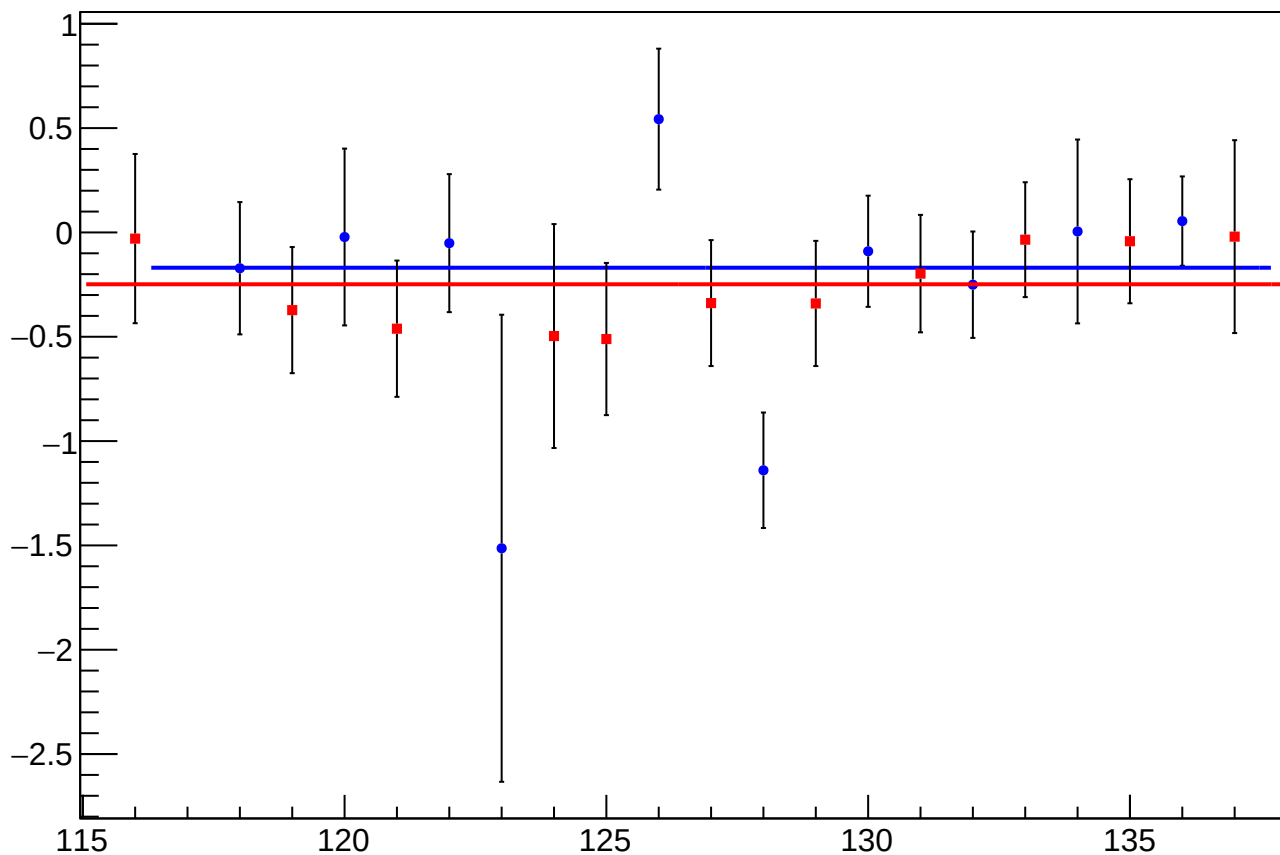
Right: -0.065 ± 0.035 χ^2/NDF : 22.5/20

In: -0.027 ± 0.050 χ^2/NDF : 16.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.035 χ^2/NDF : 22.5/20

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.169 ± 0.098 χ^2/NDF : 19.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.248 ± 0.099 χ^2/NDF : 3.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

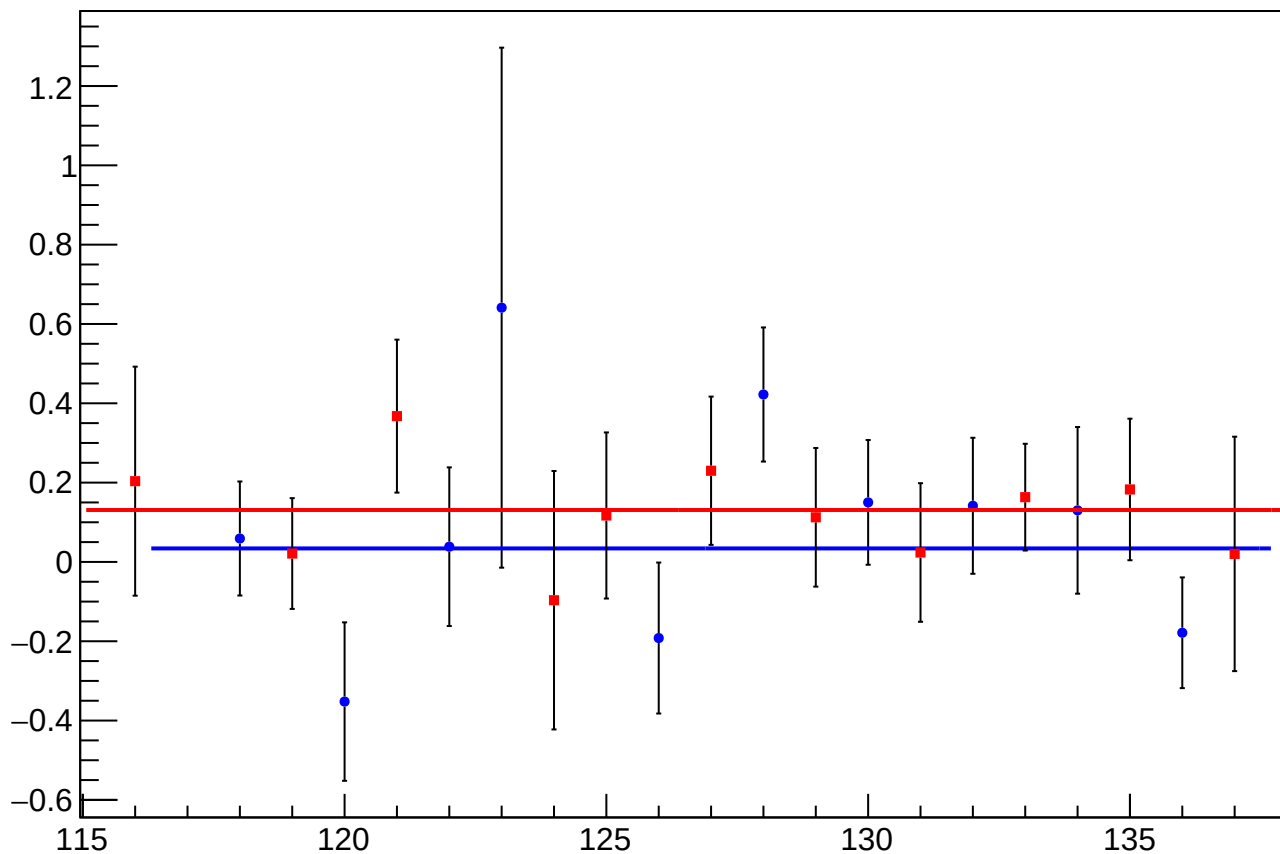
Right: -0.208 ± 0.070 χ^2/NDF : 23.4/20

In: -0.169 ± 0.098 χ^2/NDF : 19.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.208 ± 0.070 χ^2/NDF : 23.4/20

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.057 χ^2 /NDF: 14.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.131 $\pm$ 0.056 χ^2 /NDF: 3.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

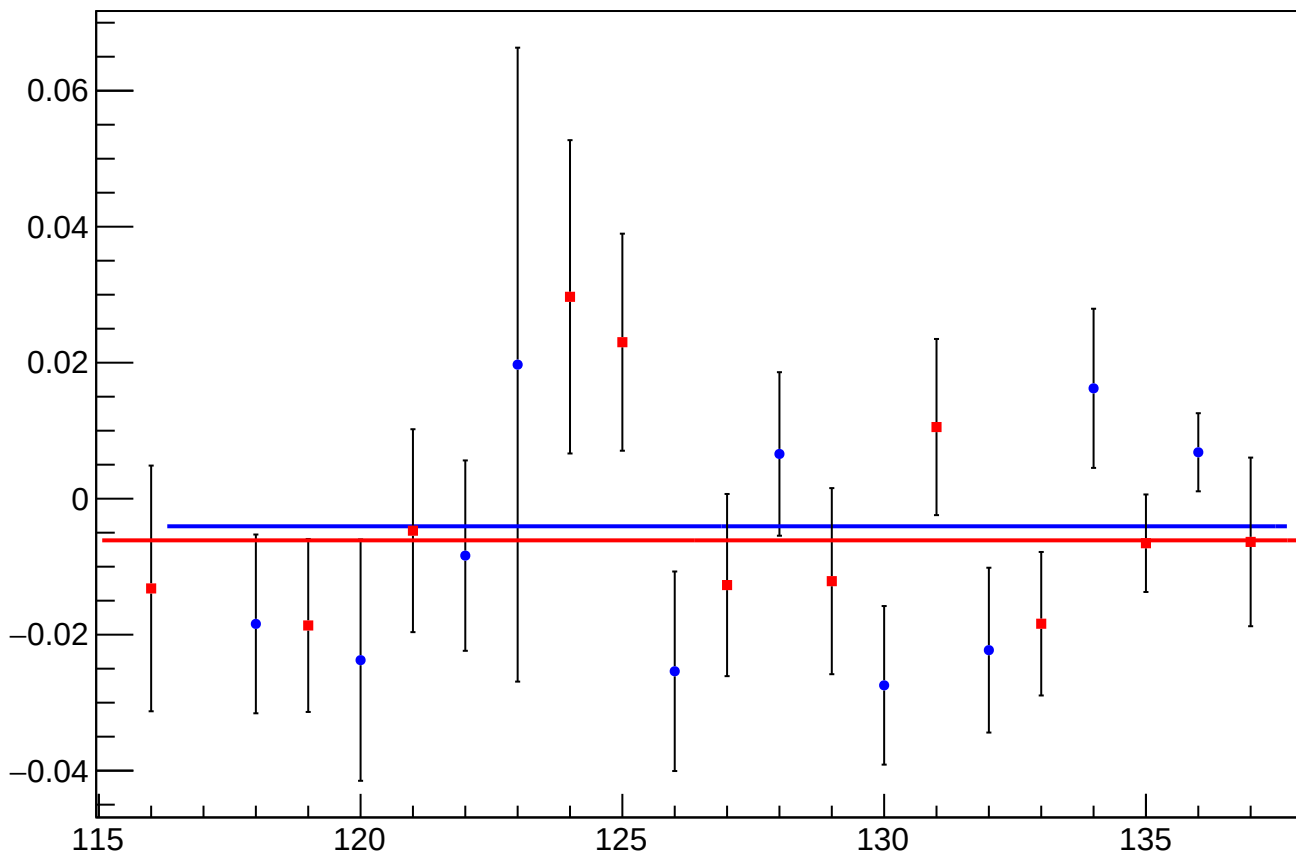
Right: 0.083 $\pm$ 0.040 χ^2 /NDF: 19.9/20

In: 0.034 $\pm$ 0.057 χ^2 /NDF:14.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.083 $\pm$ 0.040 χ^2 /NDF: 19.9/20

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.004 χ^2 /NDF: 18.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.004 χ^2 /NDF: 10.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

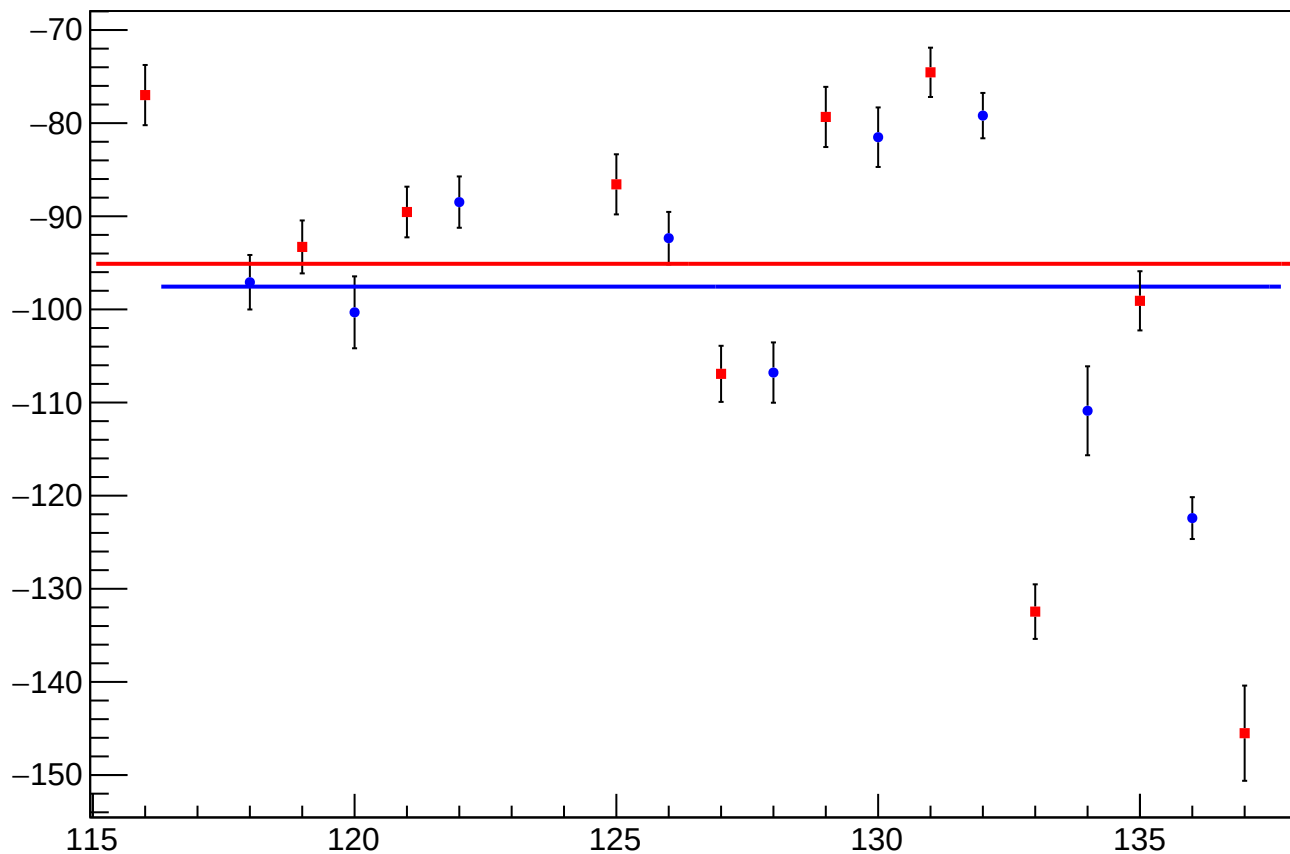
Right: -0.005 $\pm$ 0.003 χ^2 /NDF: 29.0/20

In: -0.004 $\pm$ 0.004 χ^2 /NDF:18.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.003 χ^2 /NDF: 29.0/20

reg_asym_us_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -97.554+/-0.978 χ^2/NDF : 235.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.104+/-0.974 χ^2/NDF : 403.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

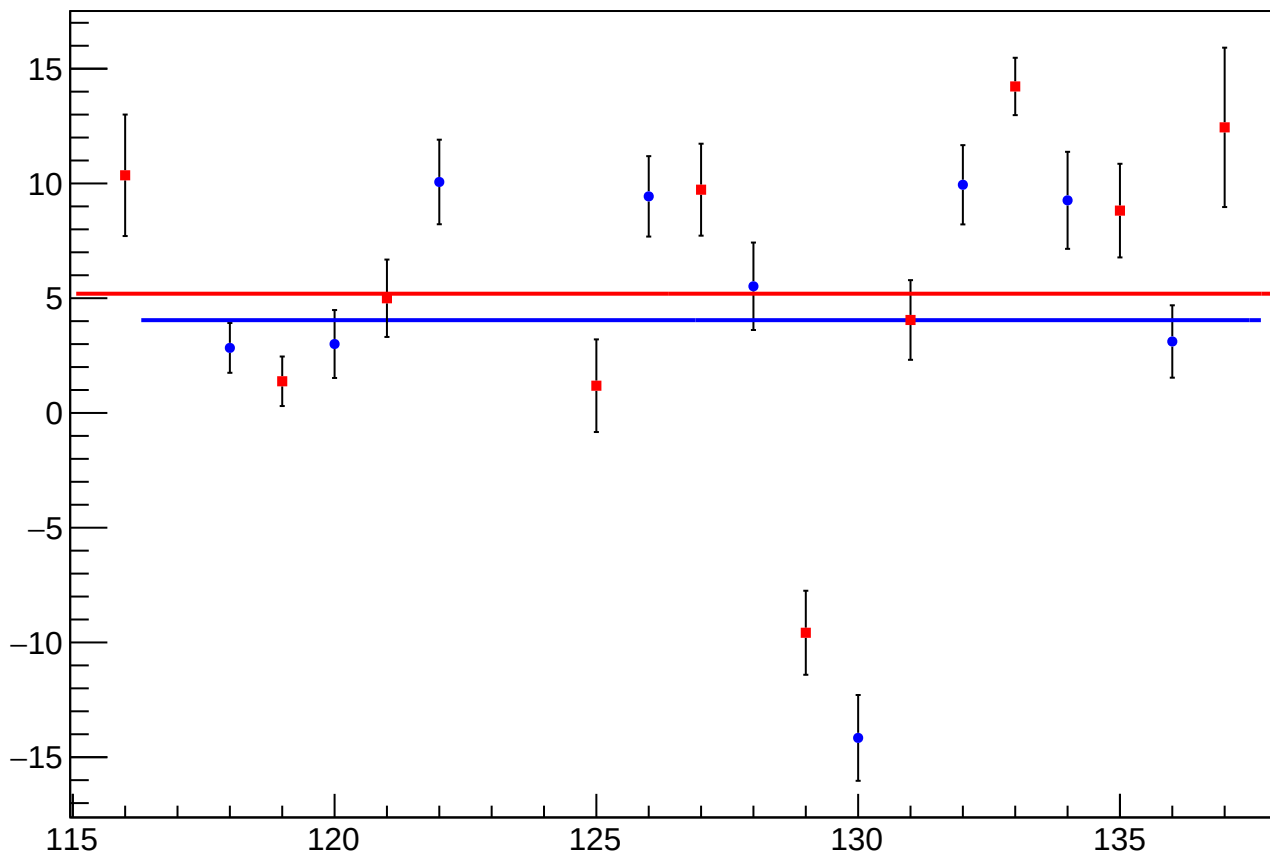
Right: -96.325+/-0.690 χ^2/NDF : 641.9/18

In: -97.554+/-0.978 χ^2/NDF : 235.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.325+/-0.690 χ^2/NDF : 641.9/18

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.043 $\pm$ 0.538 χ^2 /NDF: 135.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.196 $\pm$ 0.539 χ^2 /NDF: 150.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

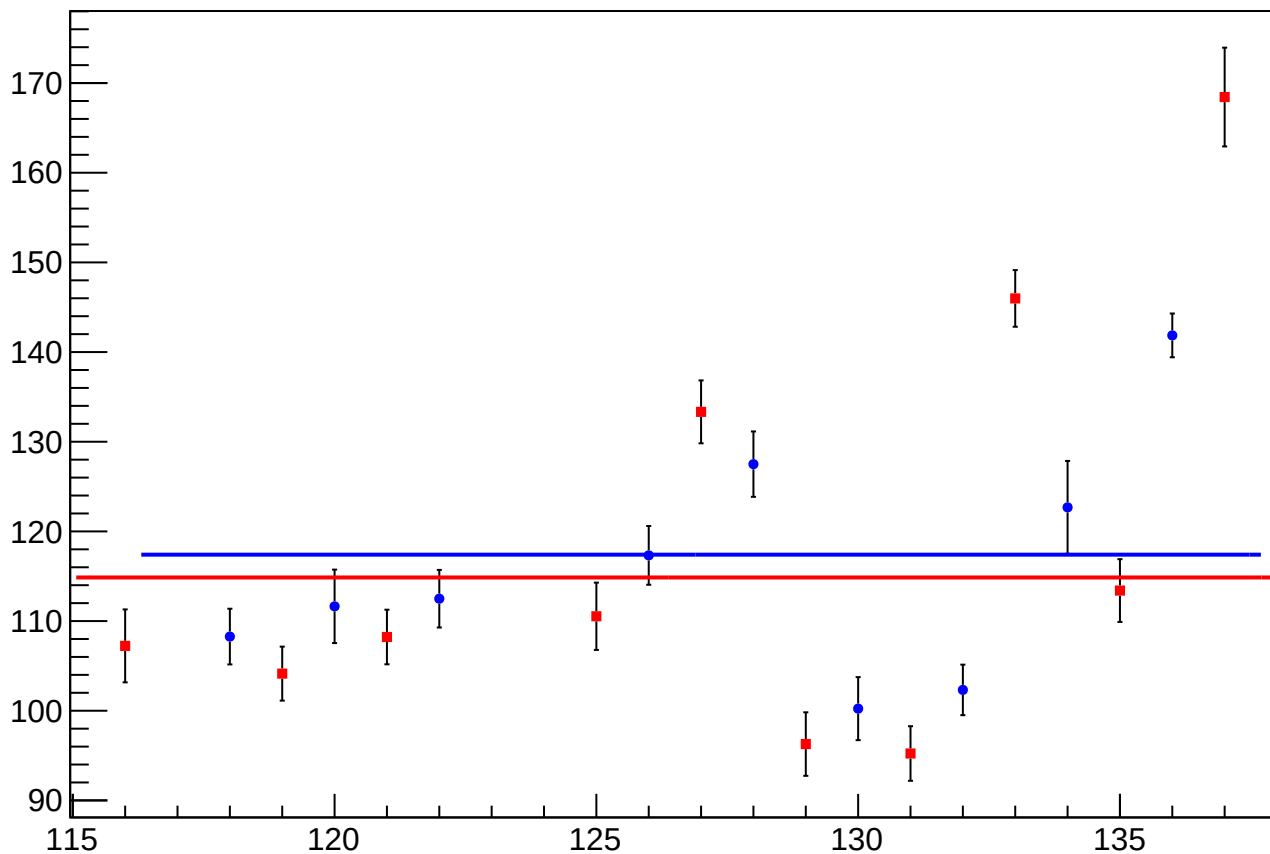
Right: 4.619 $\pm$ 0.381 χ^2 /NDF: 288.4/18

In: 4.043 $\pm$ 0.538 χ^2 /NDF:135.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.619 $\pm$ 0.381 χ^2 /NDF: 288.4/18

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.406+/-1.091 χ^2/NDF : 174.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.863+/-1.096 χ^2/NDF : 311.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

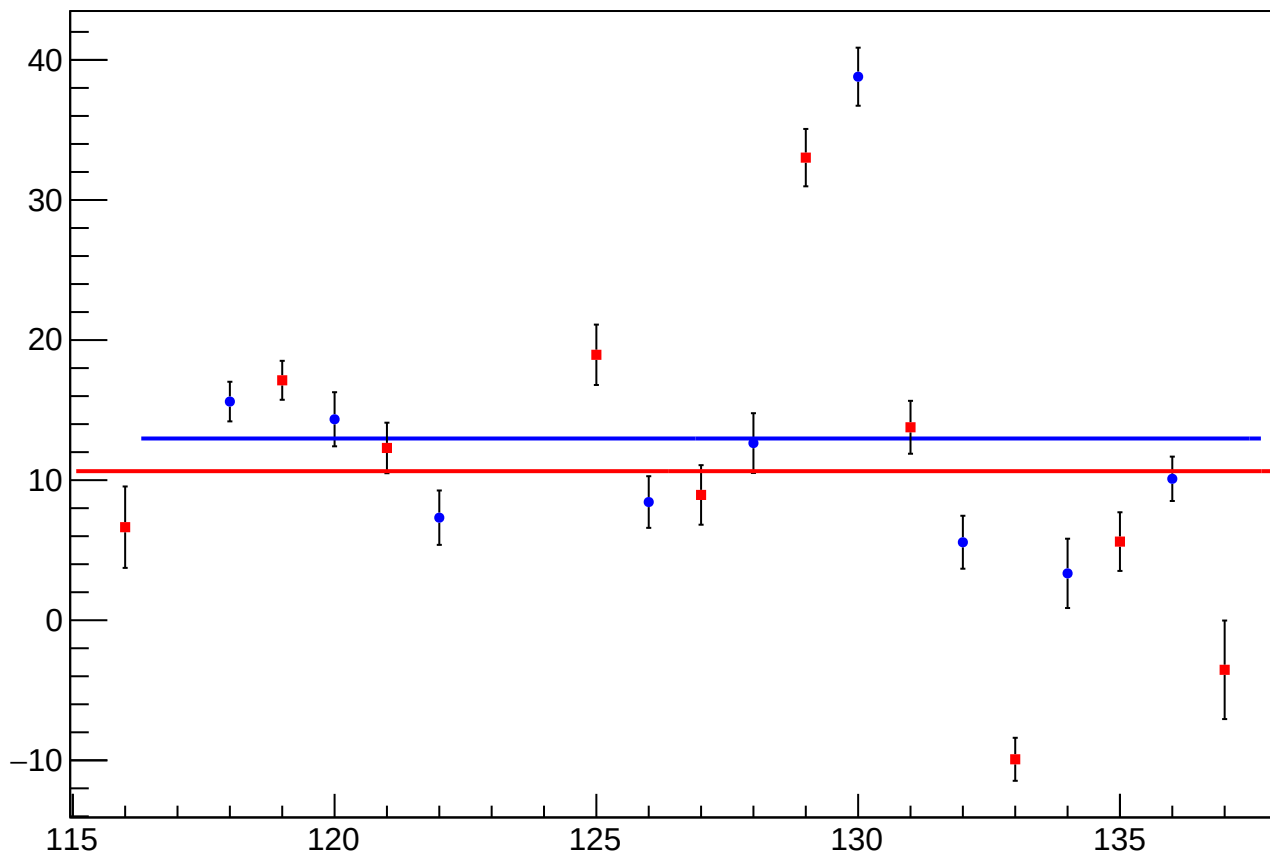
Right: 116.140+/-0.773 χ^2/NDF : 488.3/18

In: 117.406+/-1.091 χ^2/NDF : 174.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.140+/-0.773 χ^2/NDF : 488.3/18

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.974+/-0.618 χ^2/NDF : 207.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.642+/-0.616 χ^2/NDF : 363.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

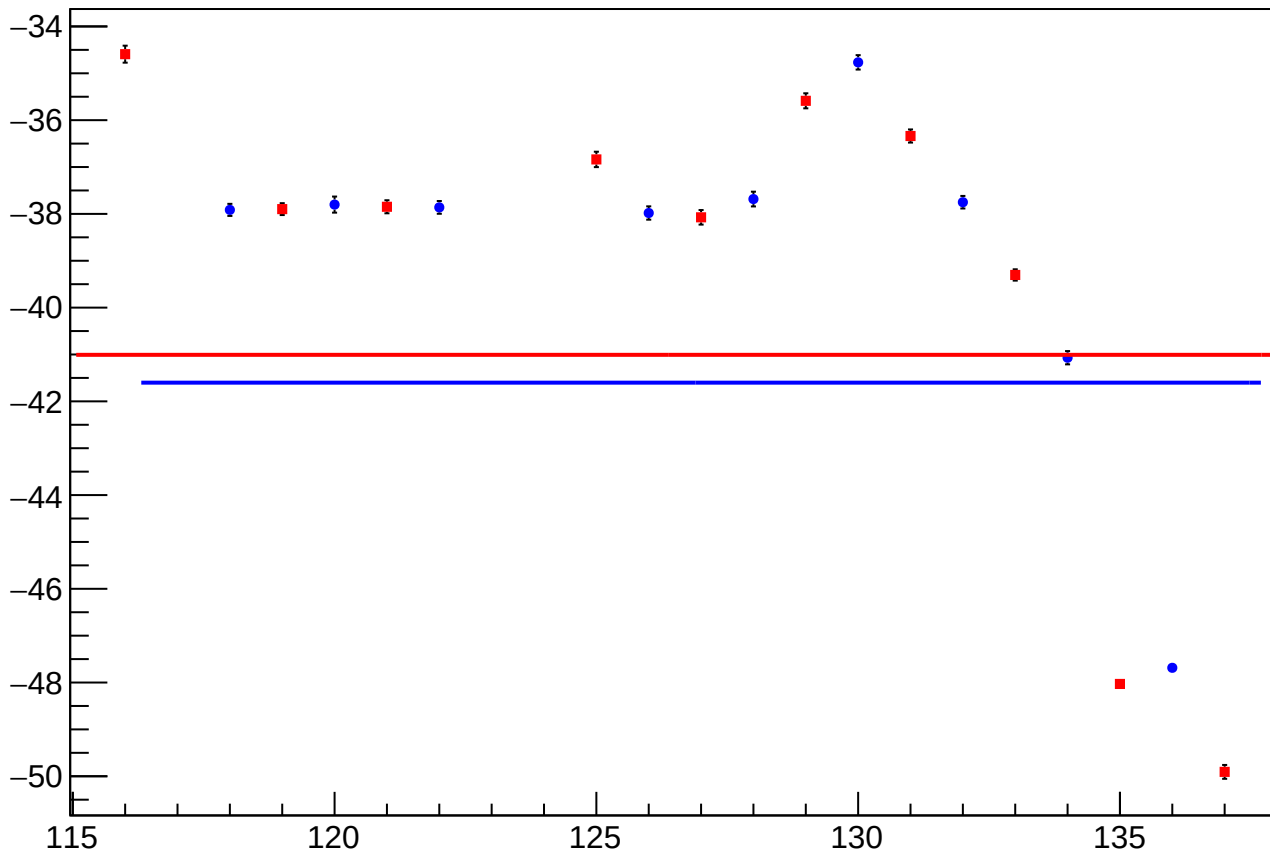
Right: 11.806+/-0.436 χ^2/NDF : 578.5/18

In: 12.974+/-0.618 χ^2/NDF : 207.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.806+/-0.436 χ^2/NDF : 578.5/18

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.601+/-0.040 χ^2/NDF : 14776.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.007+/-0.042 χ^2/NDF : 16358.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

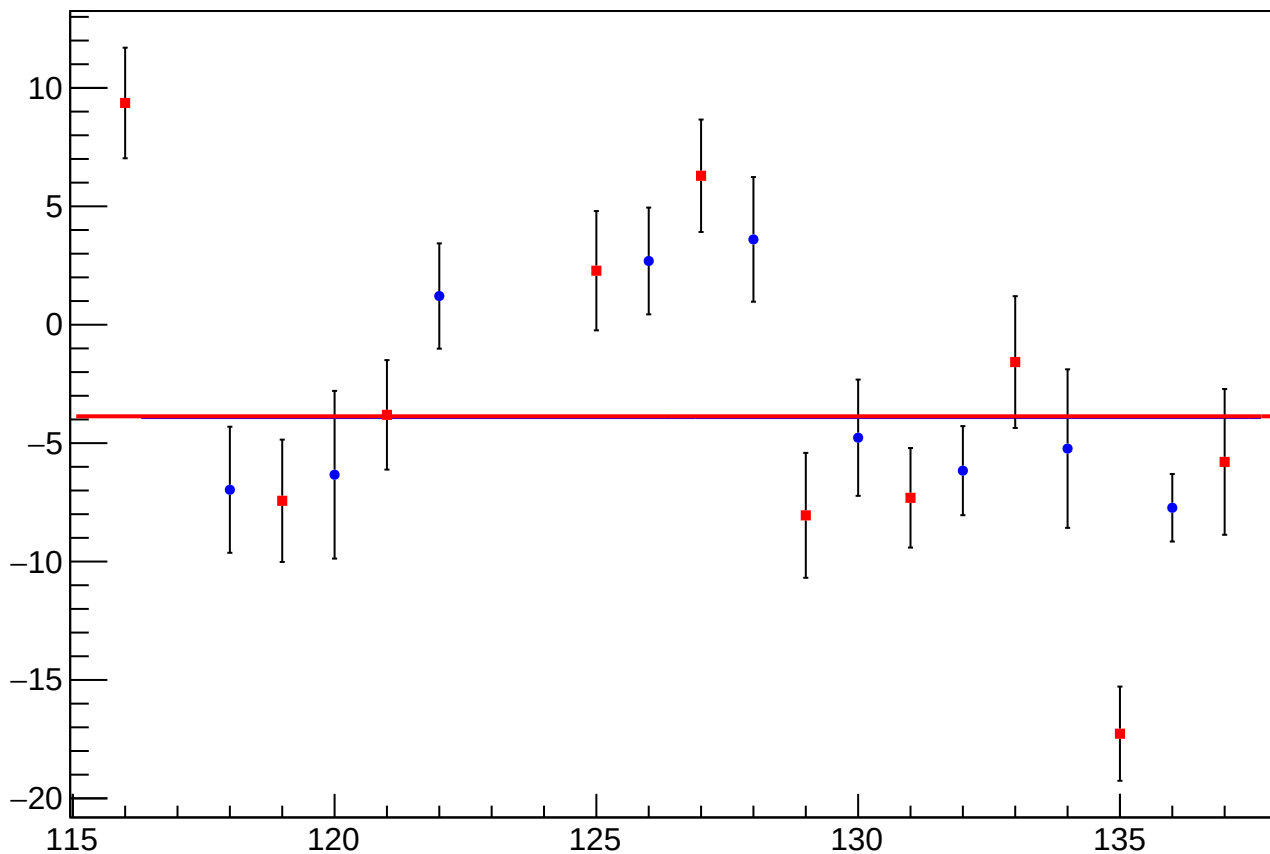
Right: -41.317+/-0.029 χ^2/NDF : 31239.2/18

In: -41.601+/-0.040 χ^2/NDF : 14776.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.317+/-0.029 χ^2/NDF : 31239.2/18

reg_asym_us_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -3.898 ± 0.747 χ^2/NDF : 32.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.867 ± 0.764 χ^2/NDF : 109.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

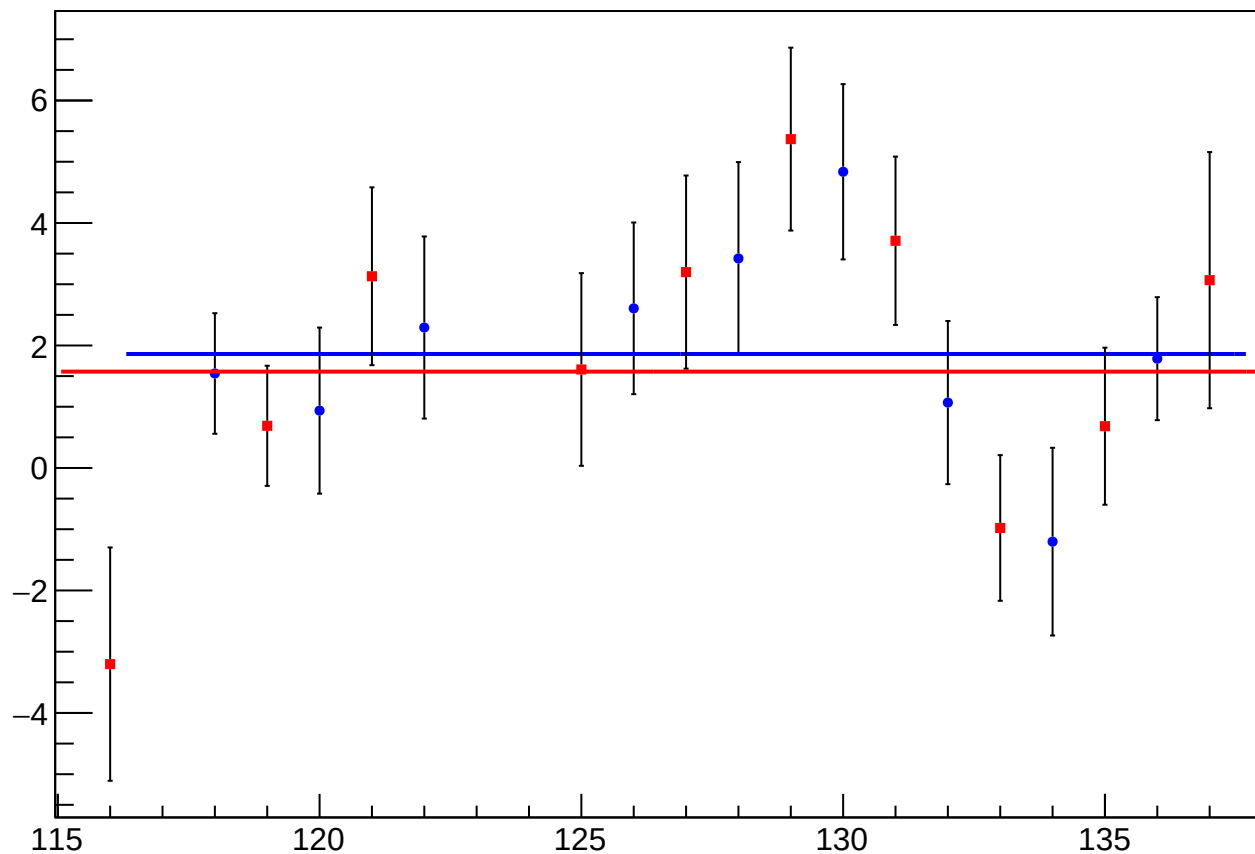
Right: -3.883 ± 0.534 χ^2/NDF : 142.6/18

In: -3.898 ± 0.747 χ^2/NDF : 32.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.883 ± 0.534 χ^2/NDF : 142.6/18

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.861+/-0.430 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.573+/-0.442 χ^2/NDF : 23.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

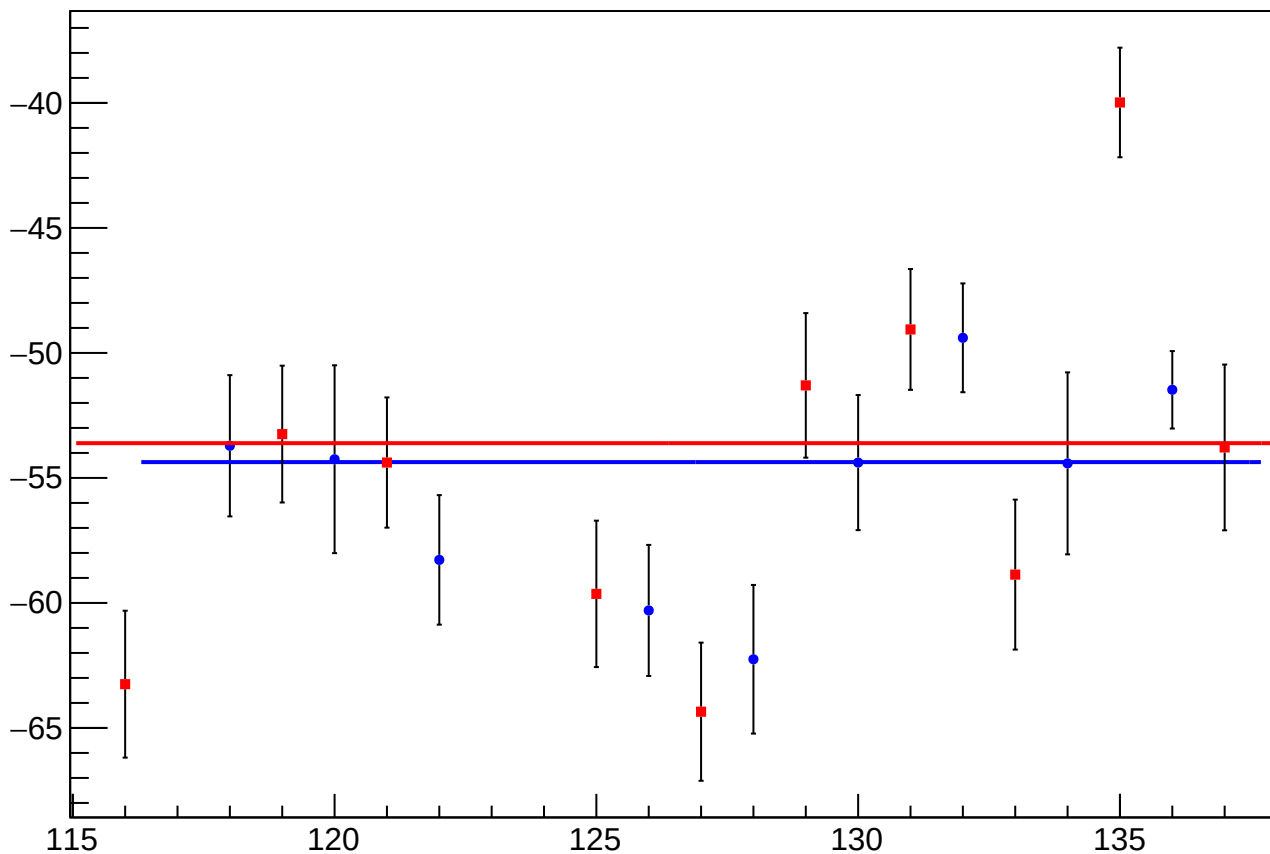
Right: 1.721+/-0.308 χ^2/NDF : 34.6/18

In: 1.861+/-0.430 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.721+/-0.308 χ^2/NDF : 34.6/18

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.367 ± 0.832 $\chi^2/\text{NDF}: 23.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -53.609 ± 0.862 $\chi^2/\text{NDF}: 76.1/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

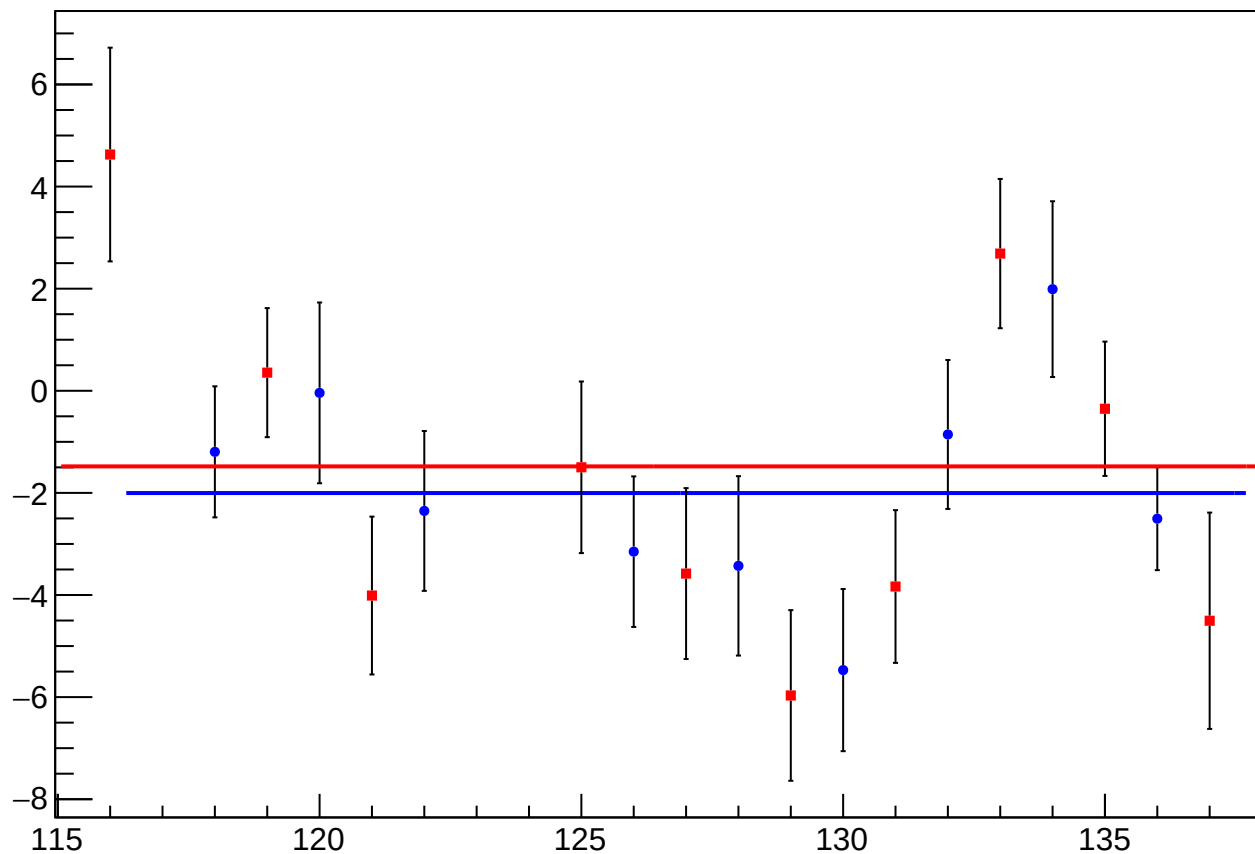
Right: -54.001 ± 0.599 $\chi^2/\text{NDF}: 99.7/18$

In: -54.367 ± 0.832 $\chi^2/\text{NDF}: 23.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -54.001 ± 0.599 $\chi^2/\text{NDF}: 99.7/18$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.003 $\pm$ 0.482 χ^2 /NDF: 14.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.481 $\pm$ 0.496 χ^2 /NDF: 35.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

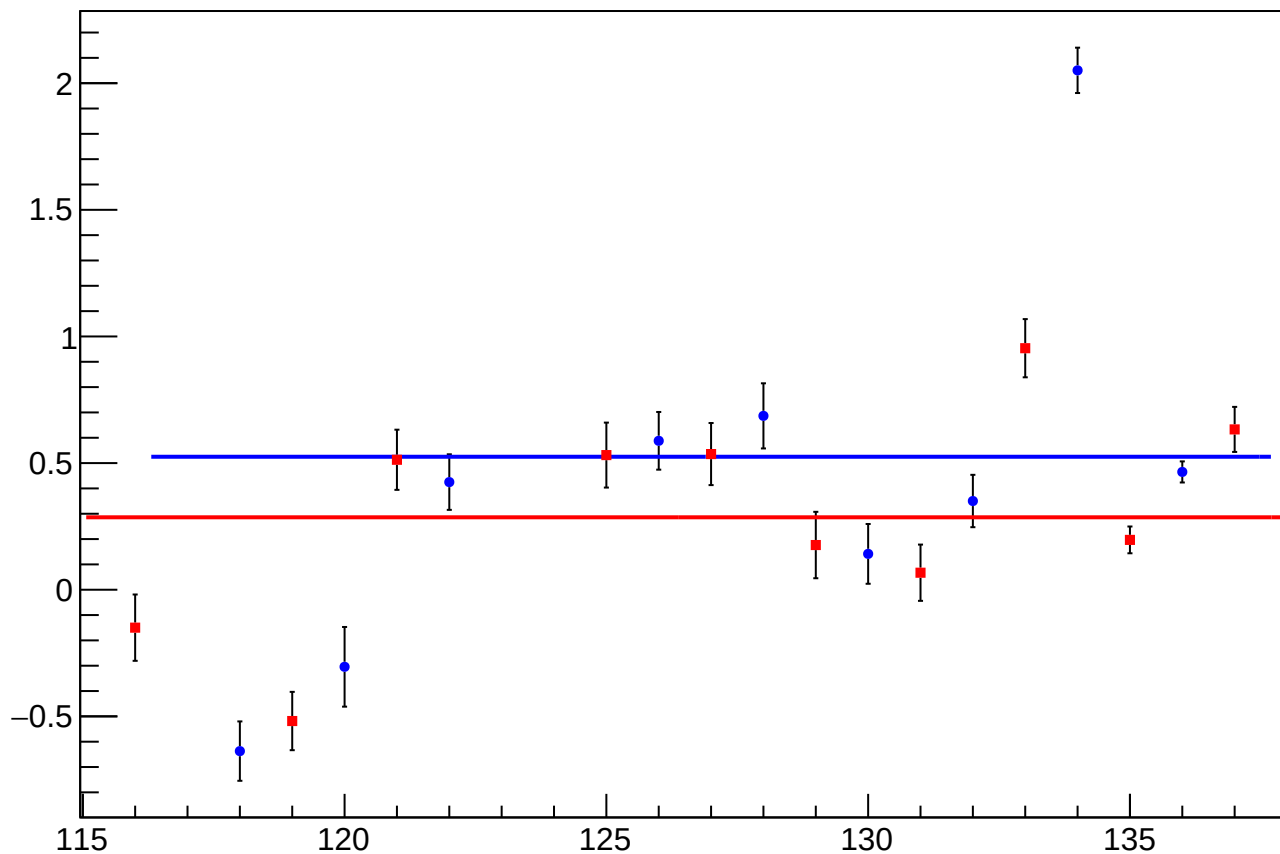
Right: -1.749 $\pm$ 0.346 χ^2 /NDF: 50.0/18

In: -2.003 $\pm$ 0.482 χ^2 /NDF:14.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.749 $\pm$ 0.346 χ^2 /NDF: 50.0/18

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.525+/-0.029 χ^2/NDF : 434.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.286+/-0.031 χ^2/NDF : 127.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

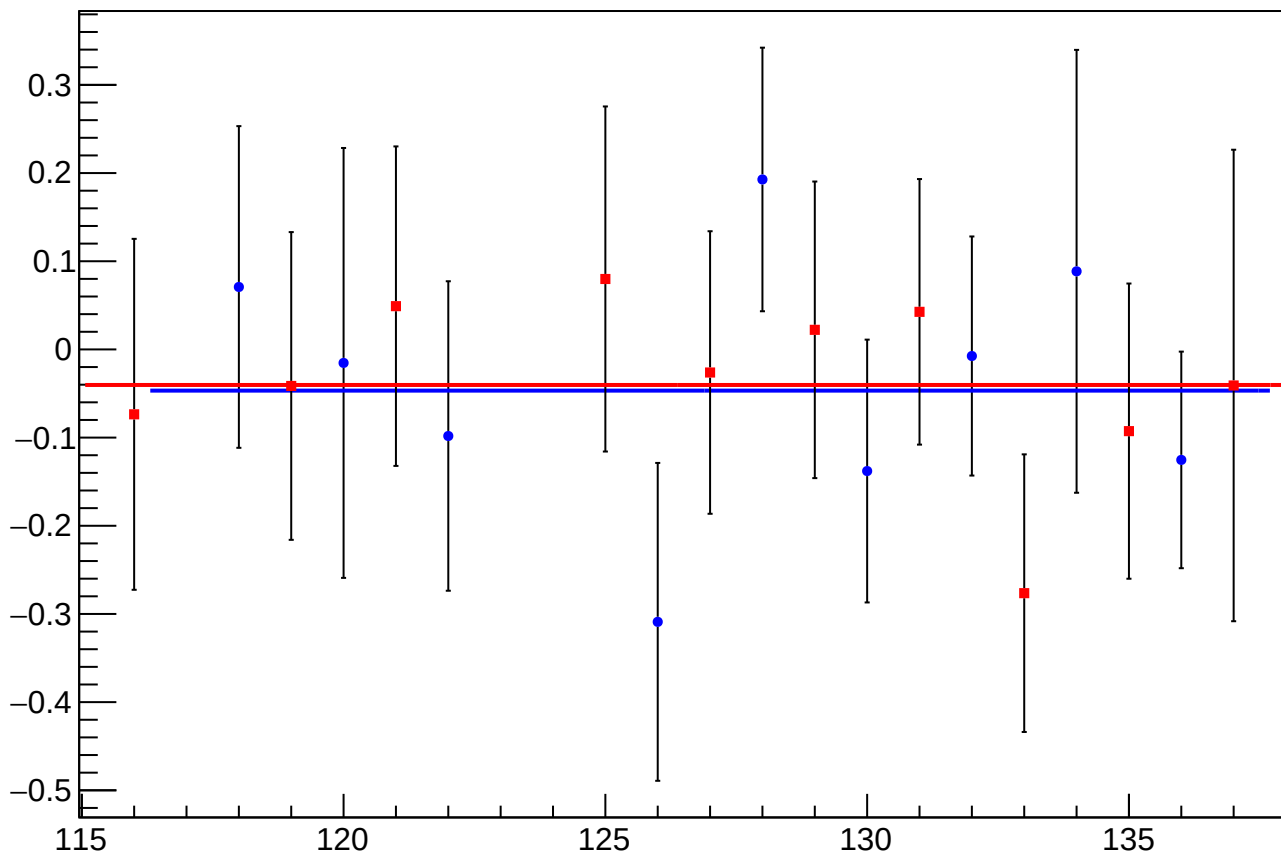
Right: 0.415+/-0.021 χ^2/NDF : 594.1/18

In: 0.525+/-0.029 χ^2/NDF : 434.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.415+/-0.021 χ^2/NDF : 594.1/18

reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.047+/-0.055 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.040+/-0.056 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

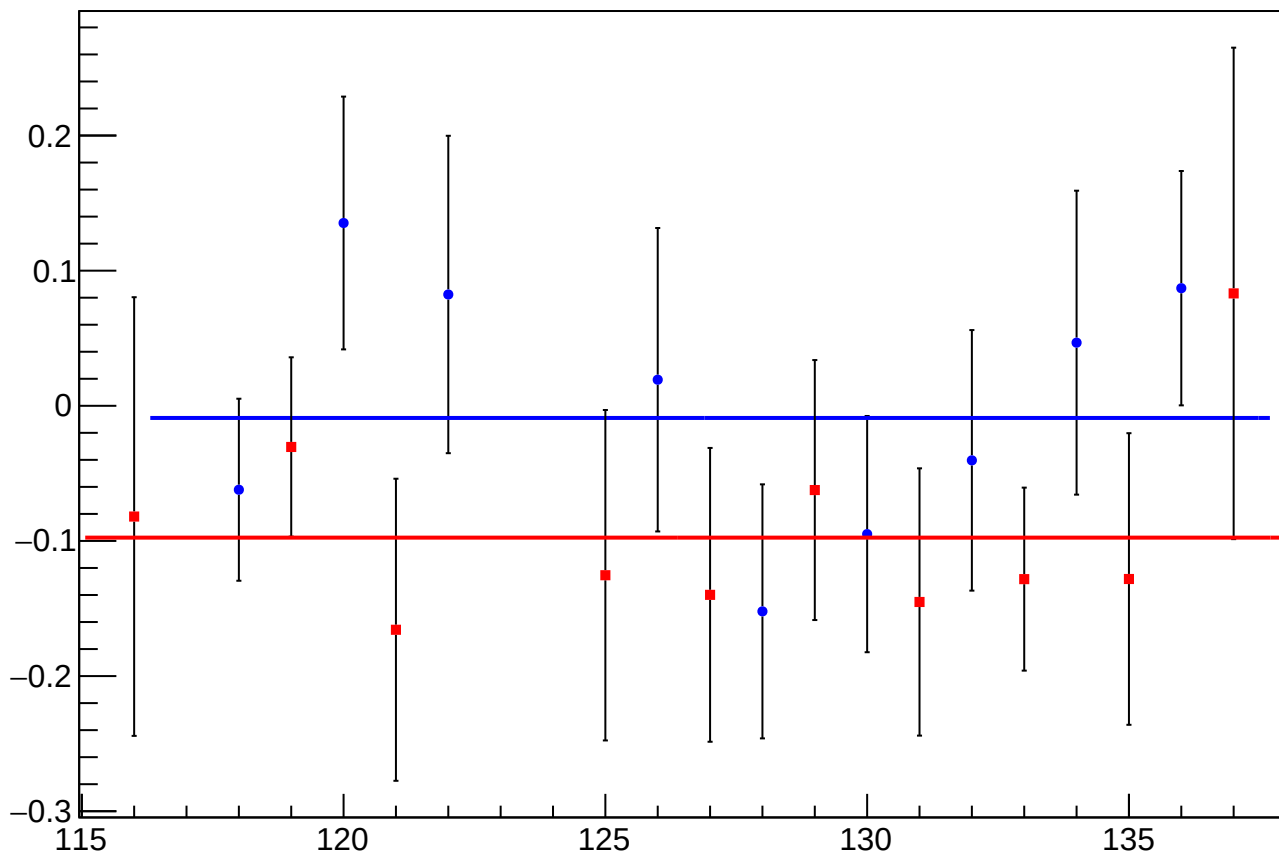
Right: -0.044+/-0.039 χ^2/NDF : 9.8/18

In: -0.047+/-0.055 χ^2/NDF :6.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.044+/-0.039 χ^2/NDF : 9.8/18

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.009+/-0.031 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-0.031 χ^2/NDF : 3.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

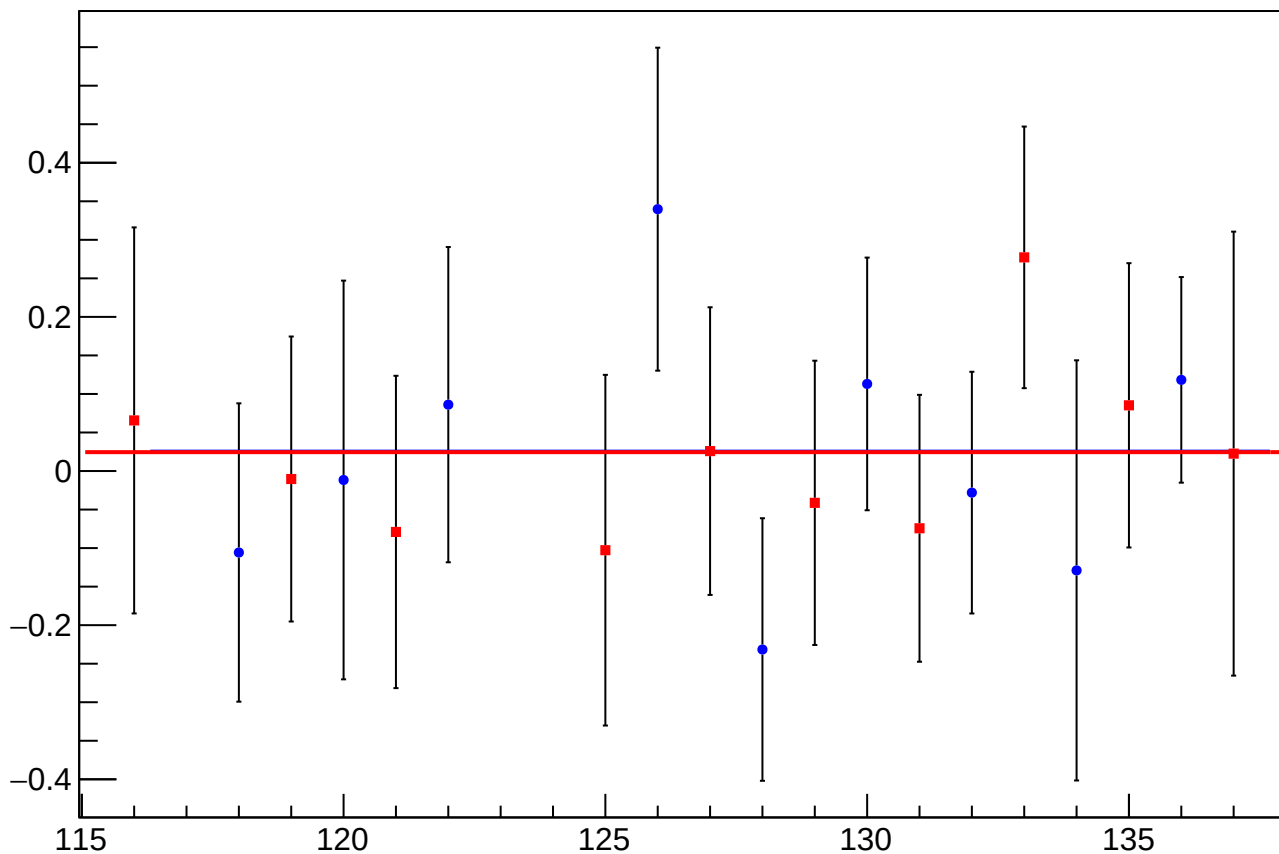
Right: -0.053+/-0.022 χ^2/NDF : 15.9/18

In: -0.009+/-0.031 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.053+/-0.022 χ^2/NDF : 15.9/18

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.025 $\pm$ 0.061 χ^2 /NDF: 6.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.062 χ^2 /NDF: 3.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

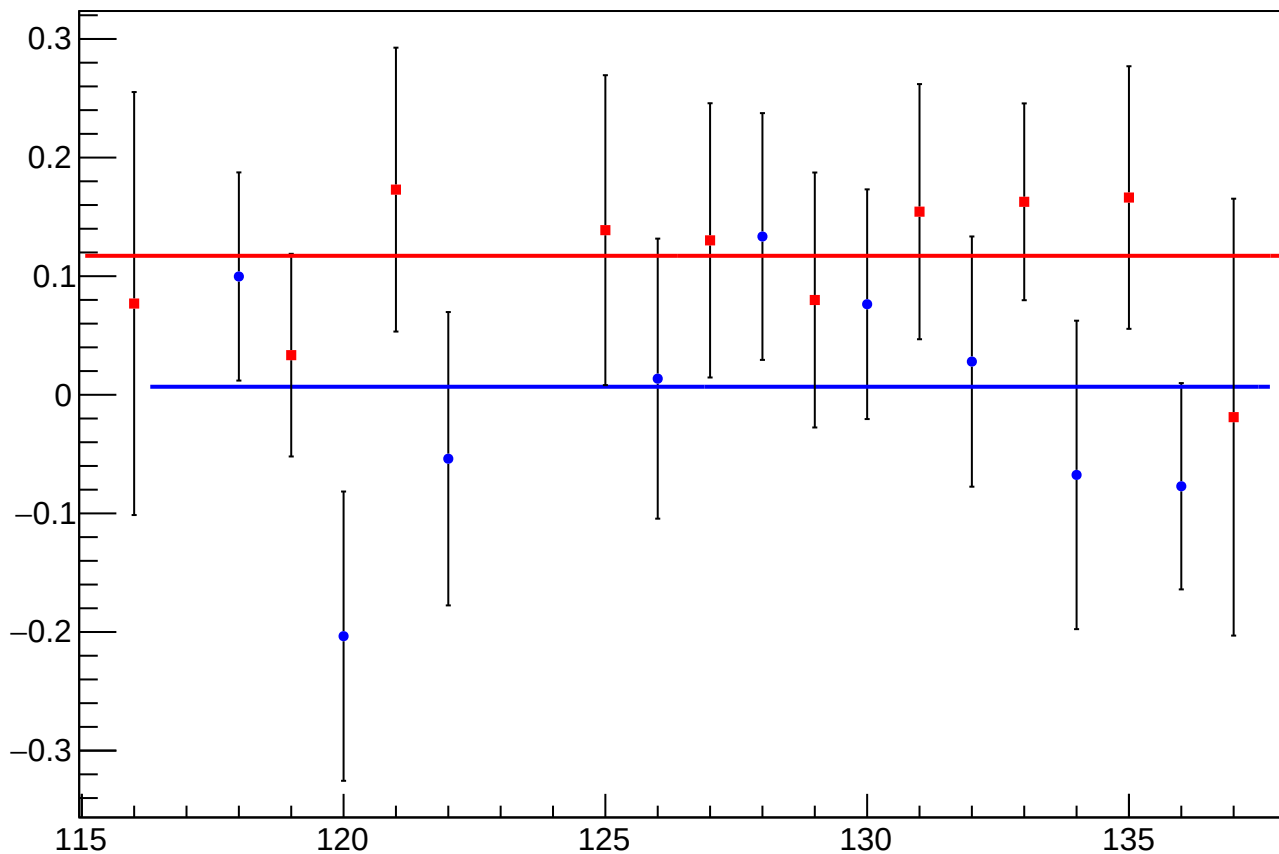
Right: 0.025 $\pm$ 0.044 χ^2 /NDF: 9.7/18

In: 0.025 $\pm$ 0.061 χ^2 /NDF:6.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.044 χ^2 /NDF: 9.7/18

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.035 χ^2 /NDF: 7.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.117 $\pm$ 0.035 χ^2 /NDF: 2.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

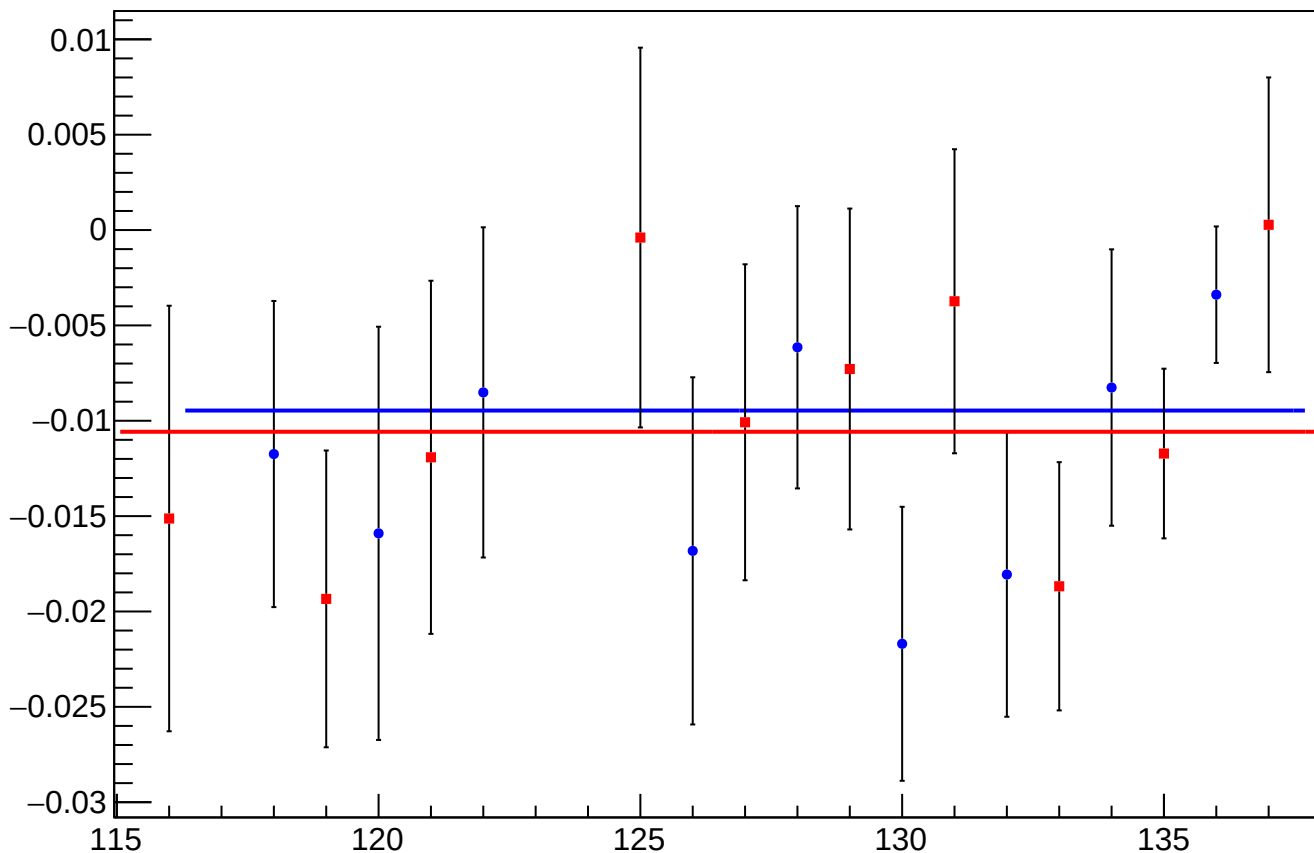
Right: 0.062 $\pm$ 0.025 χ^2 /NDF: 15.1/18

In: 0.007 $\pm$ 0.035 χ^2 /NDF:7.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.062 $\pm$ 0.025 χ^2 /NDF: 15.1/18

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.009 ± 0.002 χ^2/NDF : 8.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.002 χ^2/NDF : 7.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

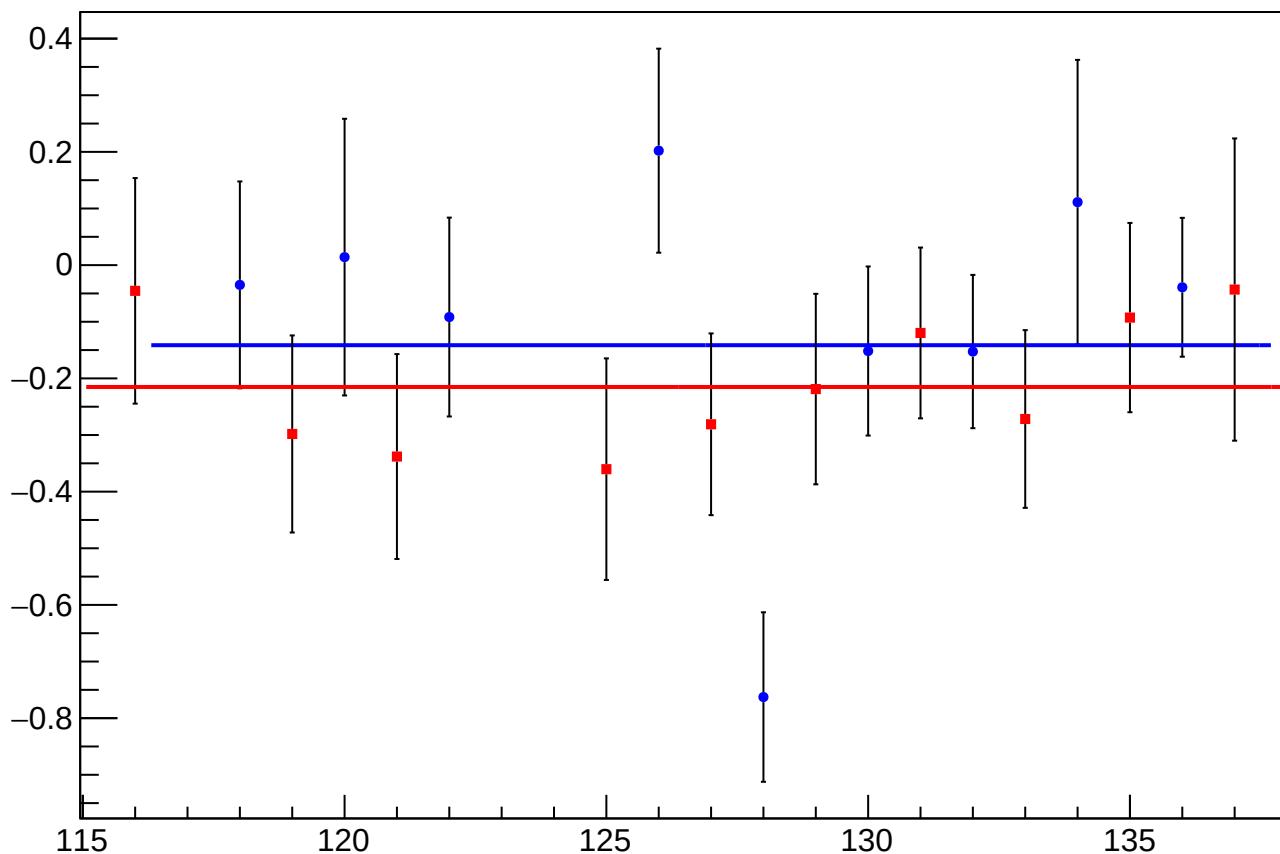
Right: -0.010 ± 0.002 χ^2/NDF : 15.5/18

In: -0.009 ± 0.002 χ^2/NDF : 8.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.002 χ^2/NDF : 15.5/18

reg_asym_ds_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -0.141 ± 0.055 $\chi^2/\text{NDF}: 23.4/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.215 ± 0.056 $\chi^2/\text{NDF}: 3.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

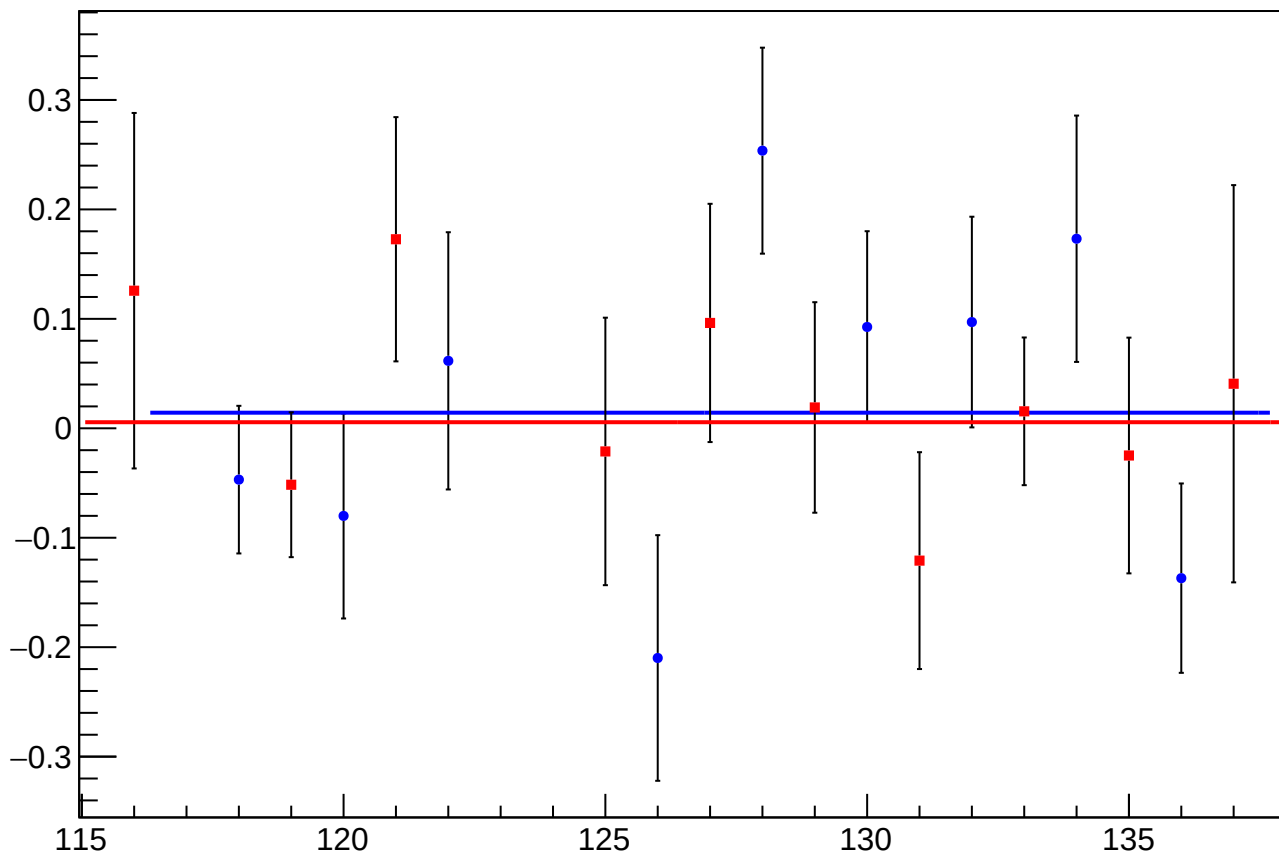
Right: -0.178 ± 0.039 $\chi^2/\text{NDF}: 27.9/18$

In: -0.141 ± 0.055 $\chi^2/\text{NDF}: 23.4/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.178 ± 0.039 $\chi^2/\text{NDF}: 27.9/18$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.031 χ^2/NDF : 19.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.031 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

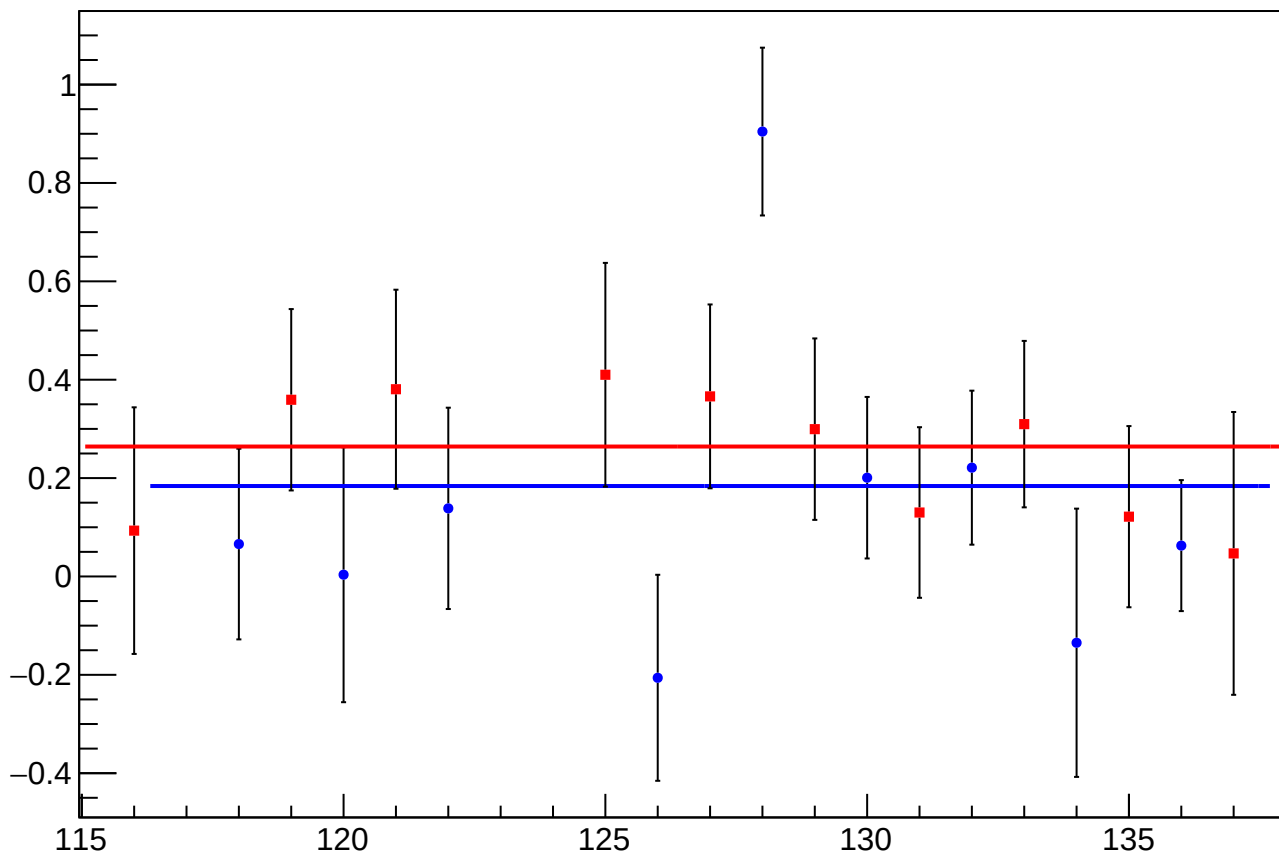
Right: 0.010+/-0.022 χ^2/NDF : 25.2/18

In: 0.014+/-0.031 χ^2/NDF : 19.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.022 χ^2/NDF : 25.2/18

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.184 $\pm$ 0.061 χ^2 /NDF: 24.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.264 $\pm$ 0.062 χ^2 /NDF: 3.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

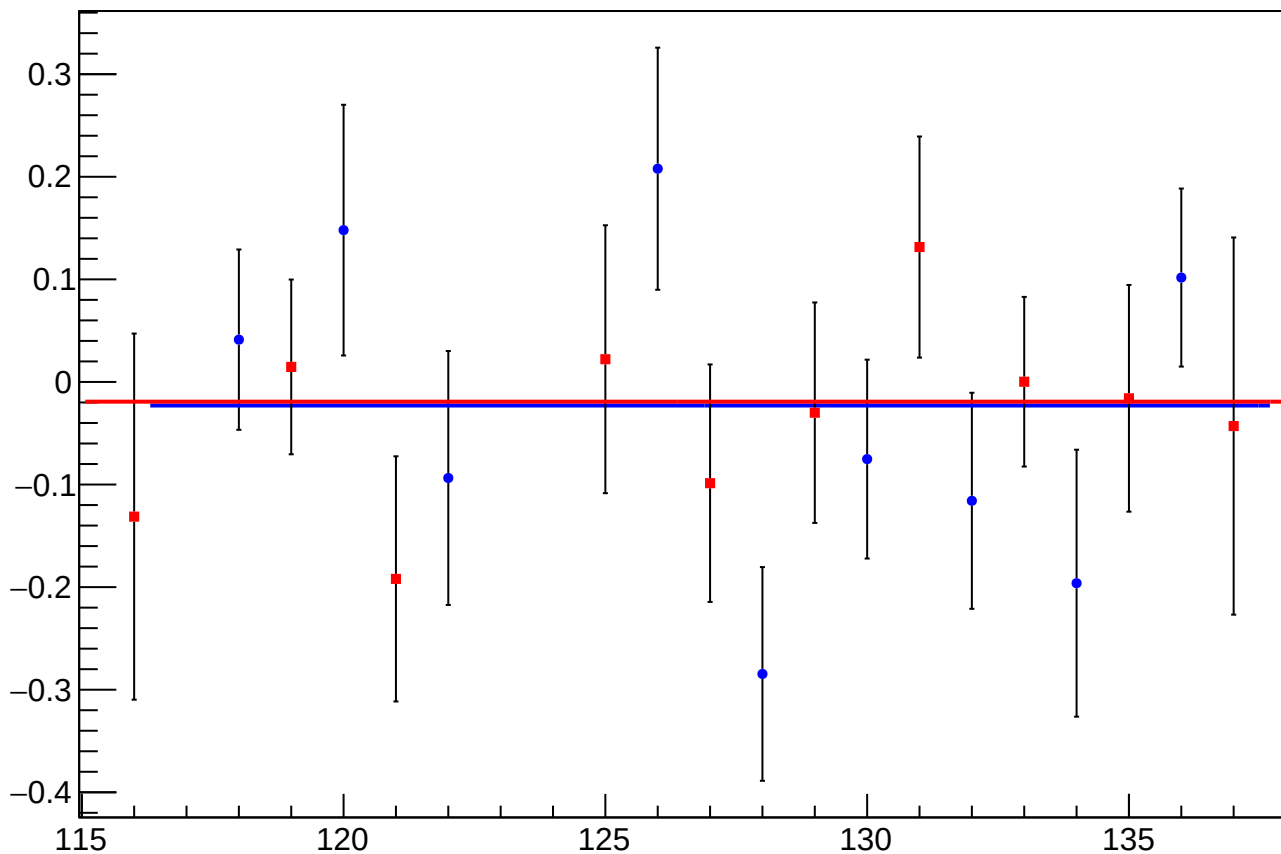
Right: 0.223 $\pm$ 0.044 χ^2 /NDF: 29.0/18

In: 0.184 $\pm$ 0.061 χ^2 /NDF: 24.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.223 $\pm$ 0.044 χ^2 /NDF: 29.0/18

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2/NDF : 17.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.035 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

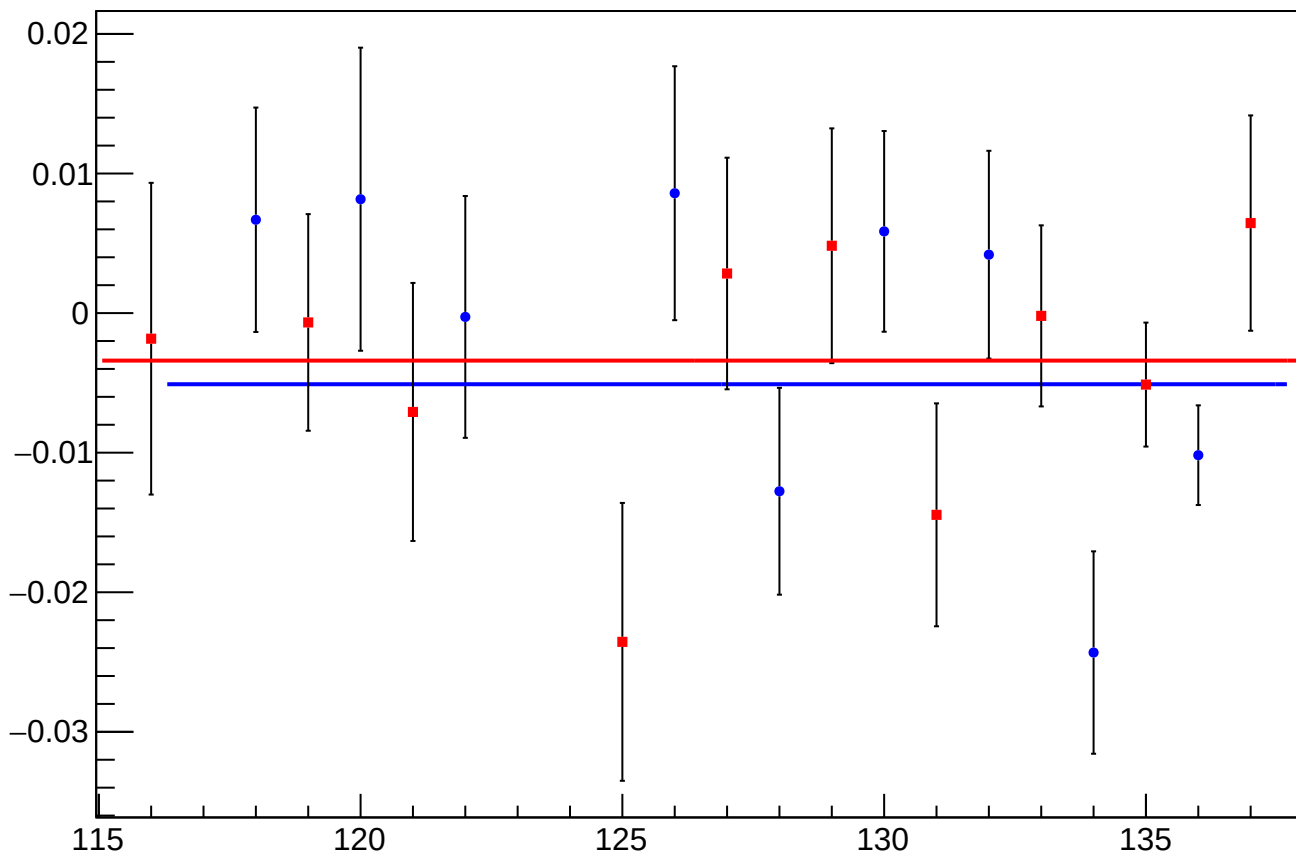
Right: -0.021+/-0.025 χ^2/NDF : 23.1/18

In: -0.023+/-0.035 χ^2/NDF : 17.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.025 χ^2/NDF : 23.1/18

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.002 χ^2 /NDF: 20.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.002 χ^2 /NDF: 9.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

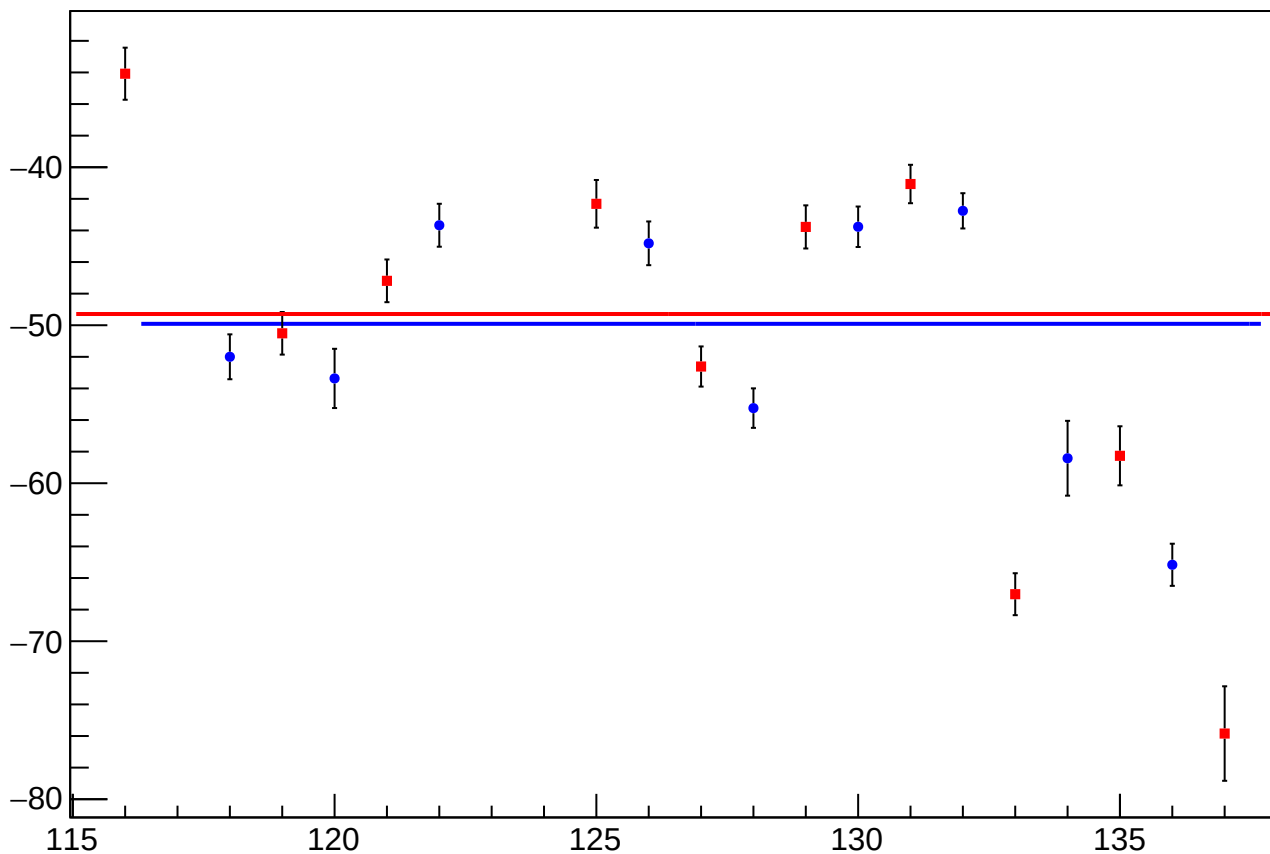
Right: -0.004 $\pm$ 0.002 χ^2 /NDF: 30.4/18

In: -0.005 $\pm$ 0.002 χ^2 /NDF:20.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.002 χ^2 /NDF: 30.4/18

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -49.911 $\pm$ 0.464 χ^2 /NDF: 266.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -49.289 $\pm$ 0.461 χ^2 /NDF: 459.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

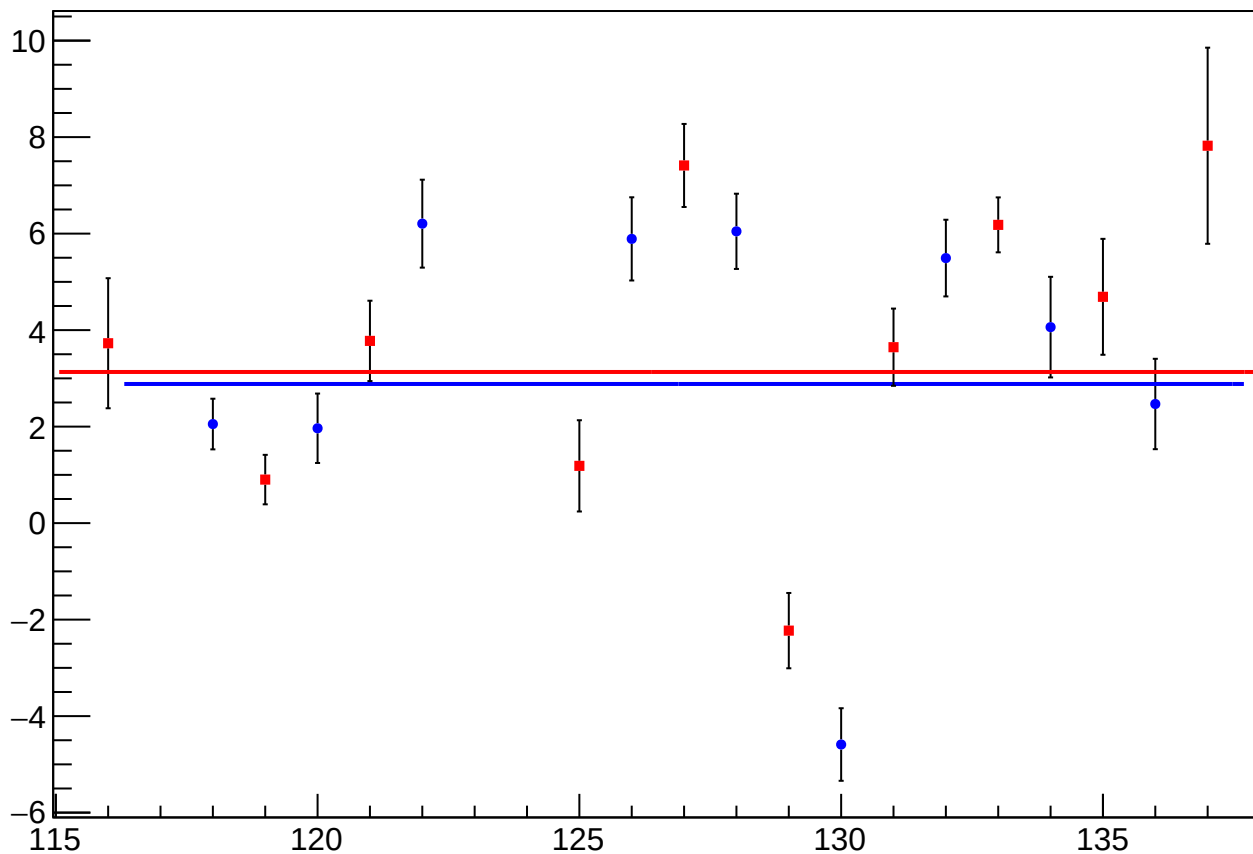
Right: -49.598 $\pm$ 0.327 χ^2 /NDF: 726.2/18

In: -49.911 $\pm$ 0.464 χ^2 /NDF:266.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.598 $\pm$ 0.327 χ^2 /NDF: 726.2/18

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.884+/-0.257 χ^2/NDF : 157.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.133+/-0.254 χ^2/NDF : 132.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

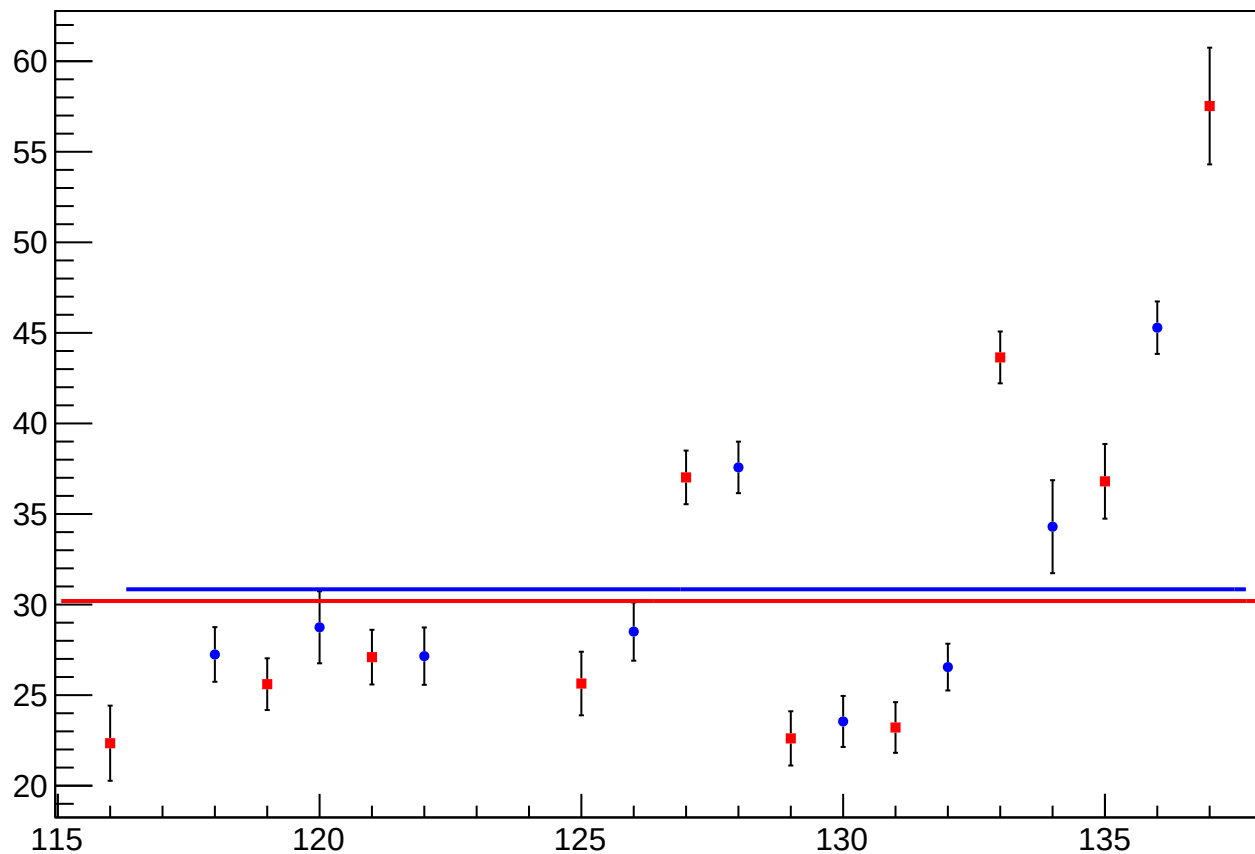
Right: 3.009+/-0.181 χ^2/NDF : 289.5/18

In: 2.884+/-0.257 χ^2/NDF : 157.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.009+/-0.181 χ^2/NDF : 289.5/18

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.843+/-0.520 χ^2/NDF : 176.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.197+/-0.518 χ^2/NDF : 278.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

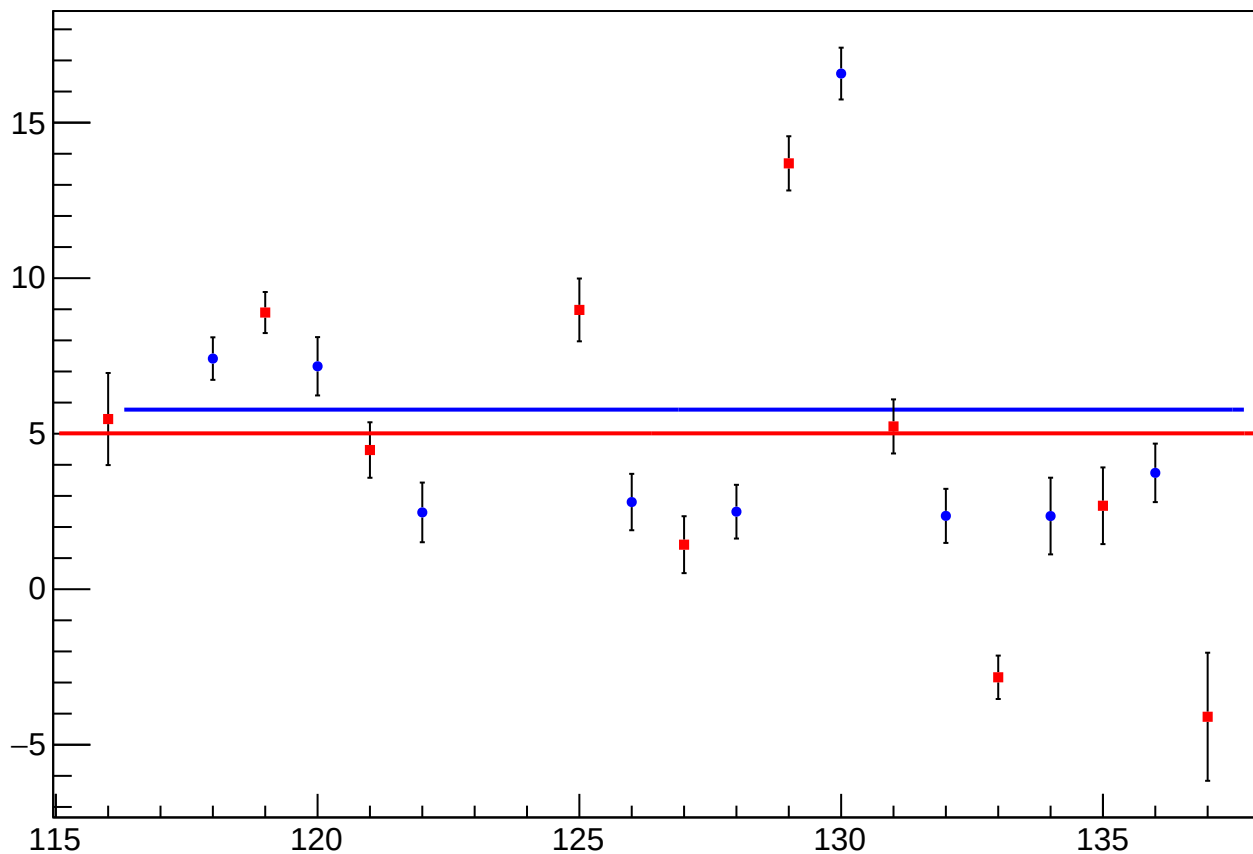
Right: 30.519+/-0.367 χ^2/NDF : 454.7/18

In: 30.843+/-0.520 χ^2/NDF : 176.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.519+/-0.367 χ^2/NDF : 454.7/18

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.774+/-0.295 χ^2/NDF : 241.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.011+/-0.291 χ^2/NDF : 314.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

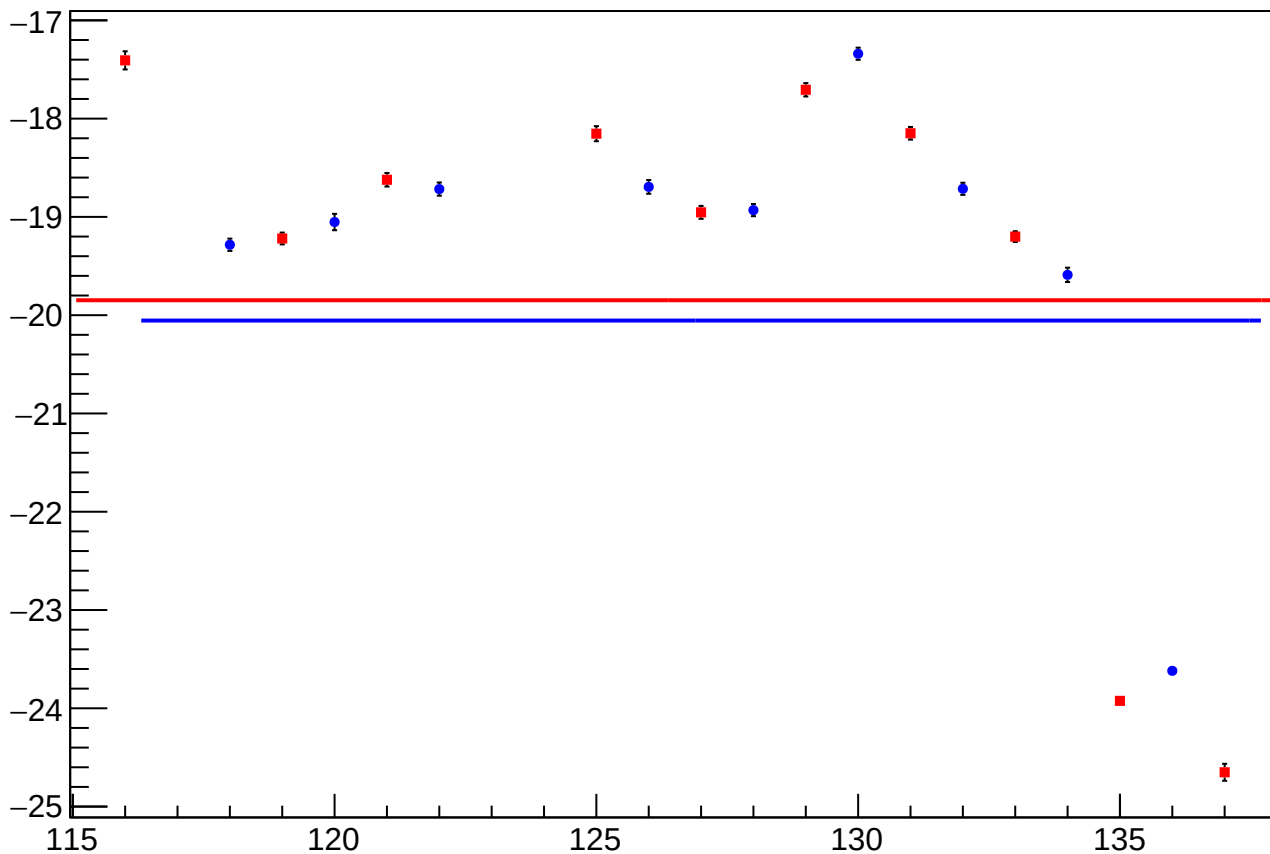
Right: 5.388+/-0.207 χ^2/NDF : 559.1/18

In: 5.774+/-0.295 χ^2/NDF : 241.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.388+/-0.207 χ^2/NDF : 559.1/18

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.055 $\pm$ 0.020 χ^2 /NDF: 12272.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.848 $\pm$ 0.021 χ^2 /NDF: 13439.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

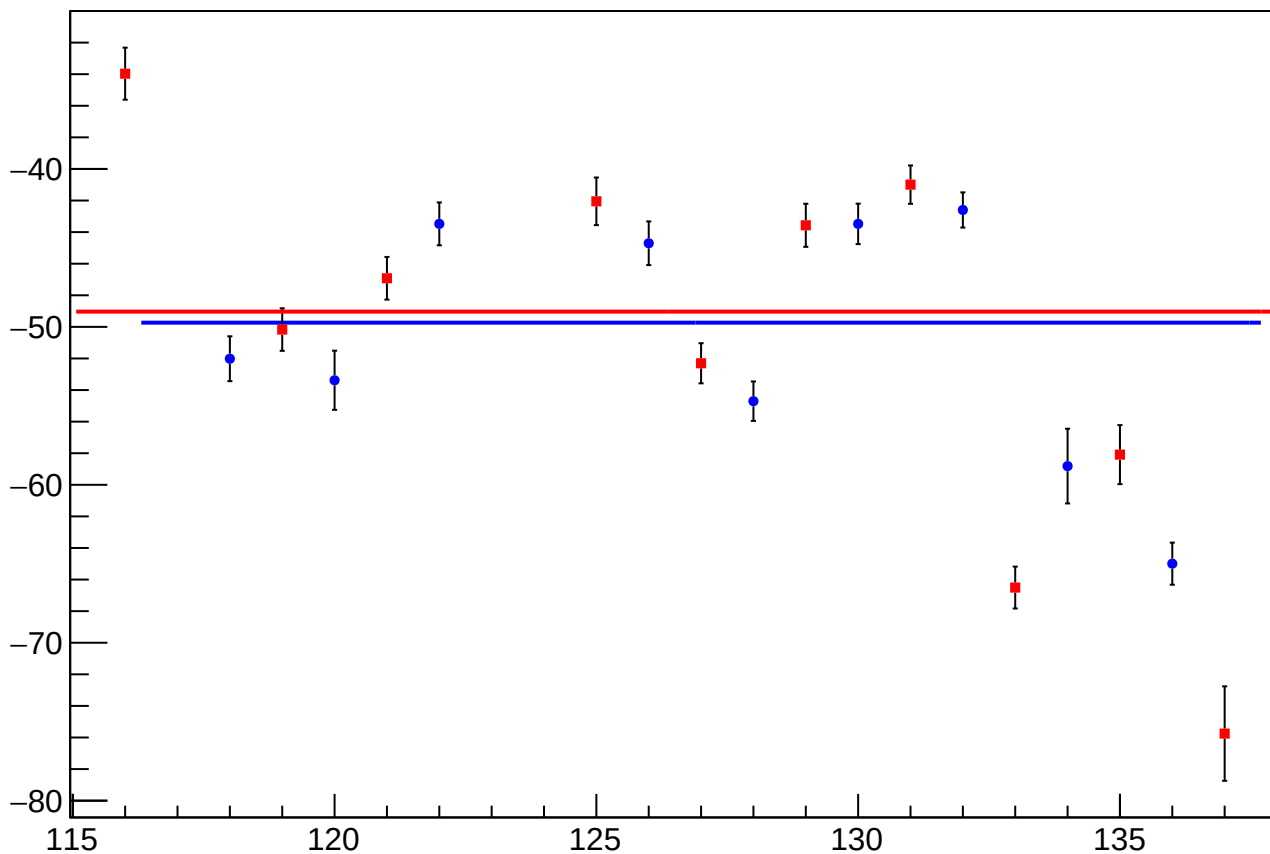
Right: -19.954 $\pm$ 0.014 χ^2 /NDF: 25762.6/18

In: -20.055 $\pm$ 0.020 χ^2 /NDF:12272.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.954 $\pm$ 0.014 χ^2 /NDF: 25762.6/18

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -49.733+/-0.464 χ^2/NDF : 267.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.033+/-0.461 χ^2/NDF : 451.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

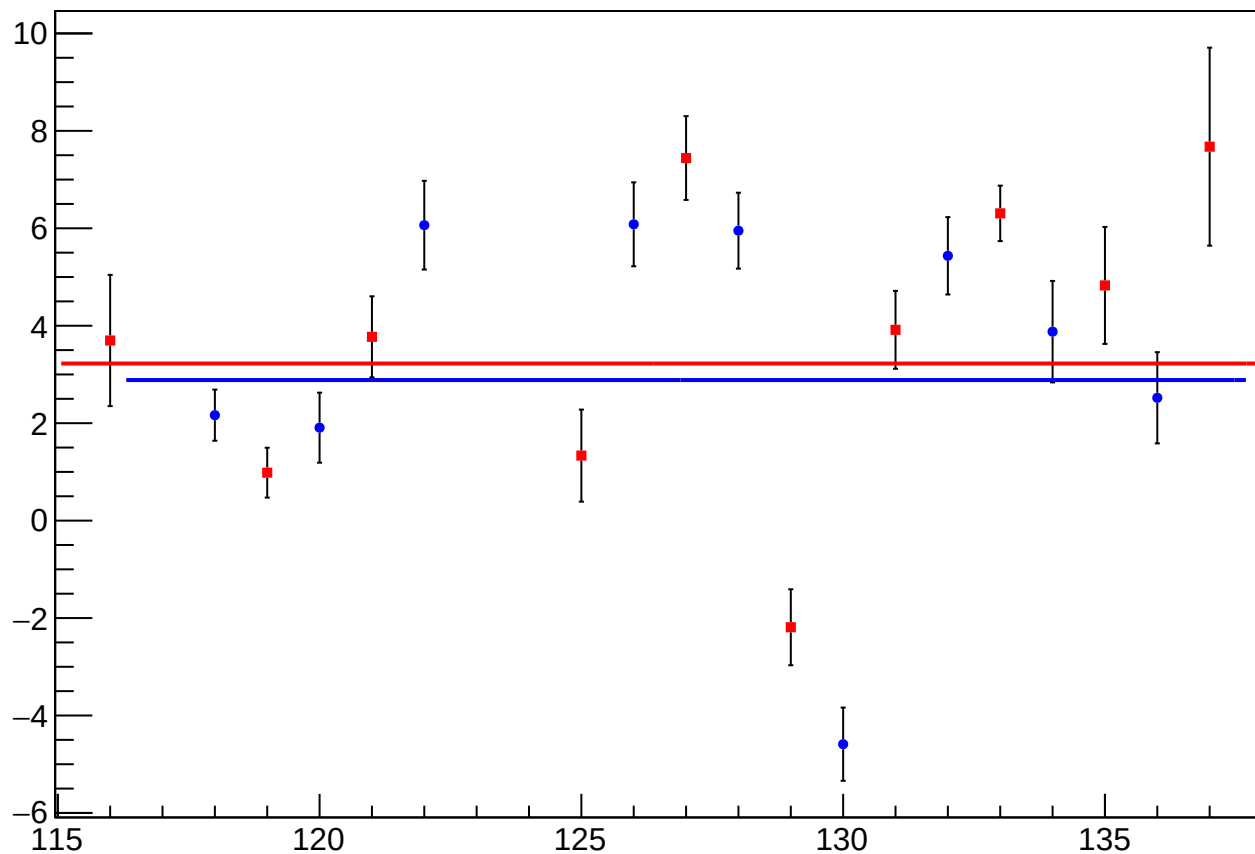
Right: -49.380+/-0.327 χ^2/NDF : 720.1/18

In: -49.733+/-0.464 χ^2/NDF : 267.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.380+/-0.327 χ^2/NDF : 720.1/18

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.885 $\pm$ 0.257 χ^2 /NDF: 155.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.224 $\pm$ 0.254 χ^2 /NDF: 132.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

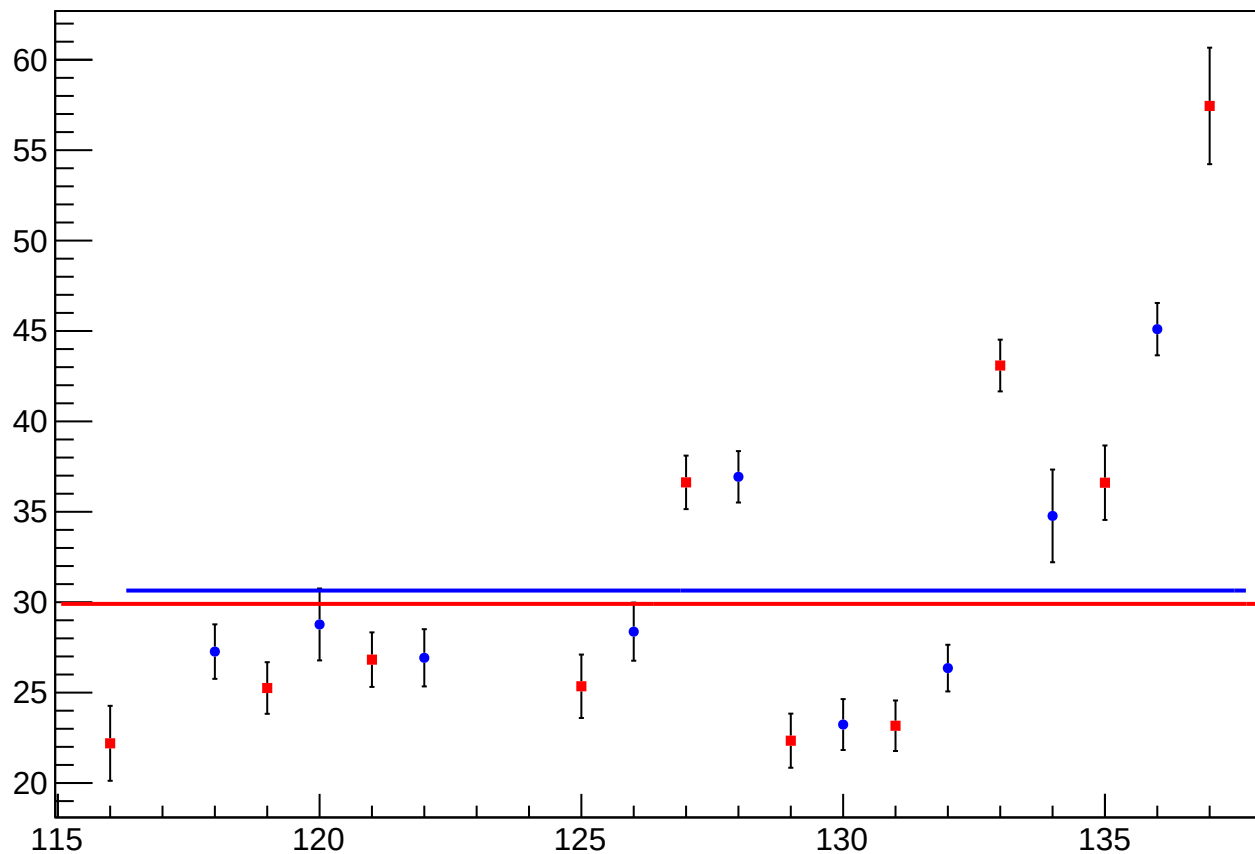
Right: 3.057 $\pm$ 0.180 χ^2 /NDF: 288.9/18

In: 2.885 $\pm$ 0.257 χ^2 /NDF:155.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.057 $\pm$ 0.180 χ^2 /NDF: 288.9/18

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.644+/-0.519 χ^2/NDF : 174.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.907+/-0.518 χ^2/NDF : 273.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

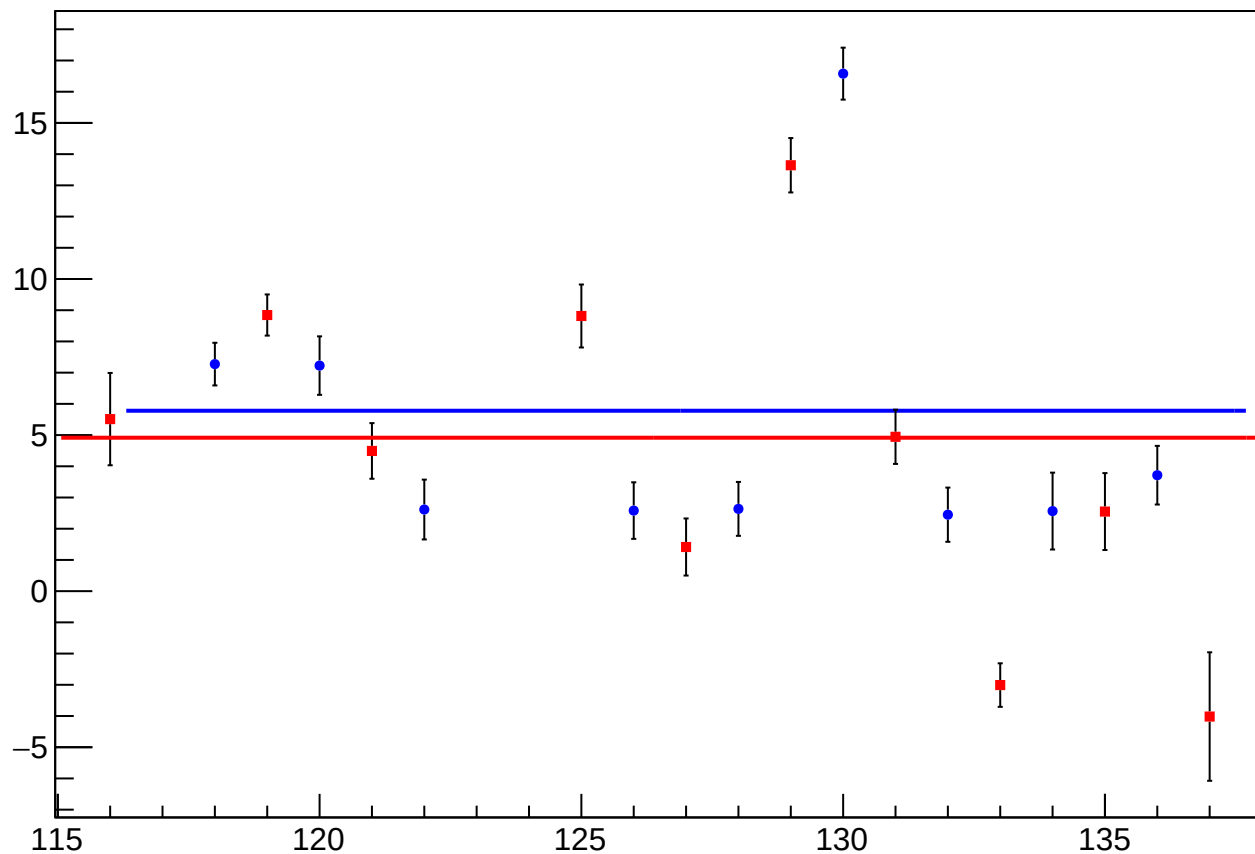
Right: 30.275+/-0.367 χ^2/NDF : 448.8/18

In: 30.644+/-0.519 χ^2/NDF : 174.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.275+/-0.367 χ^2/NDF : 448.8/18

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.780 ± 0.295 χ^2/NDF : 238.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.916 ± 0.291 χ^2/NDF : 317.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

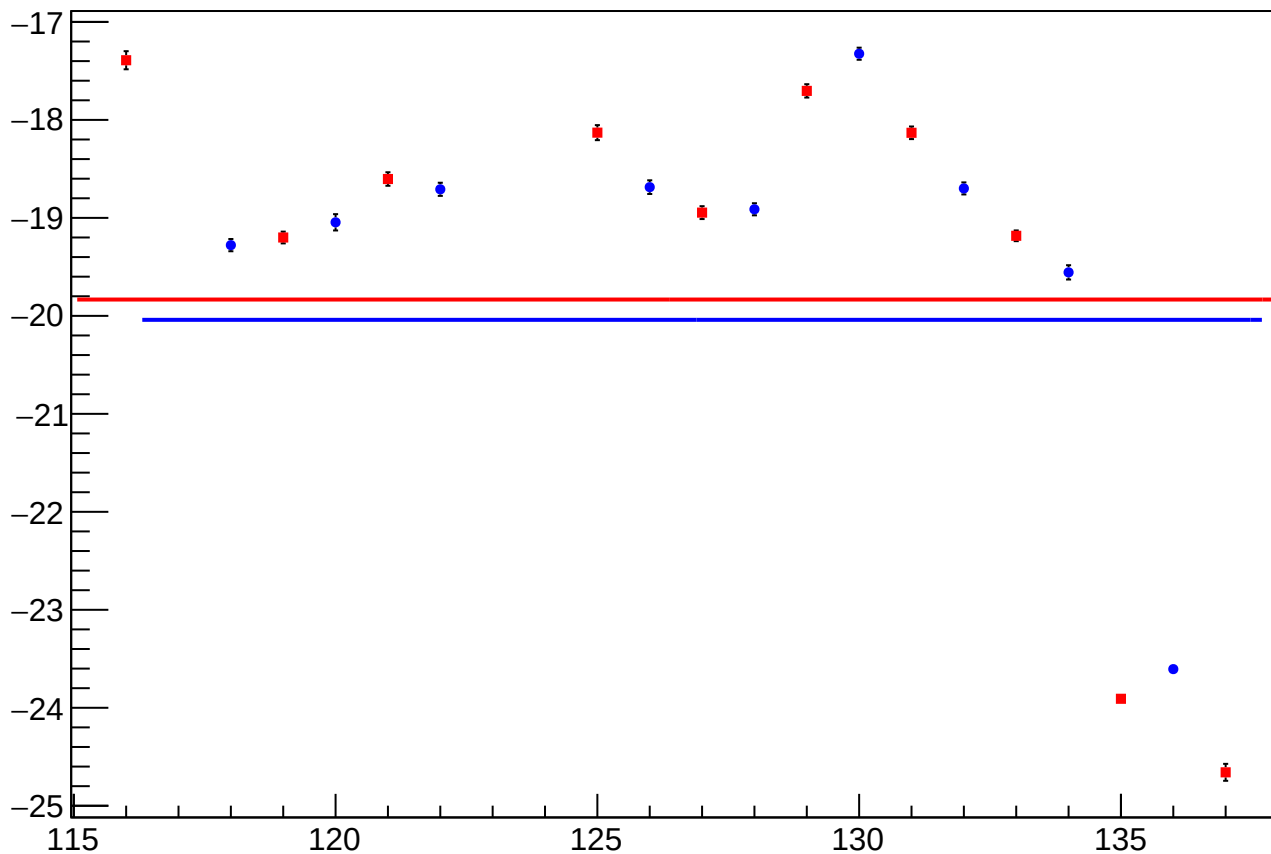
Right: 5.342 ± 0.207 χ^2/NDF : 560.5/18

In: 5.780 ± 0.295 χ^2/NDF : 238.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.342 ± 0.207 χ^2/NDF : 560.5/18

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.041 $\pm$ 0.020 χ^2 /NDF: 12287.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.833 $\pm$ 0.021 χ^2 /NDF: 13478.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

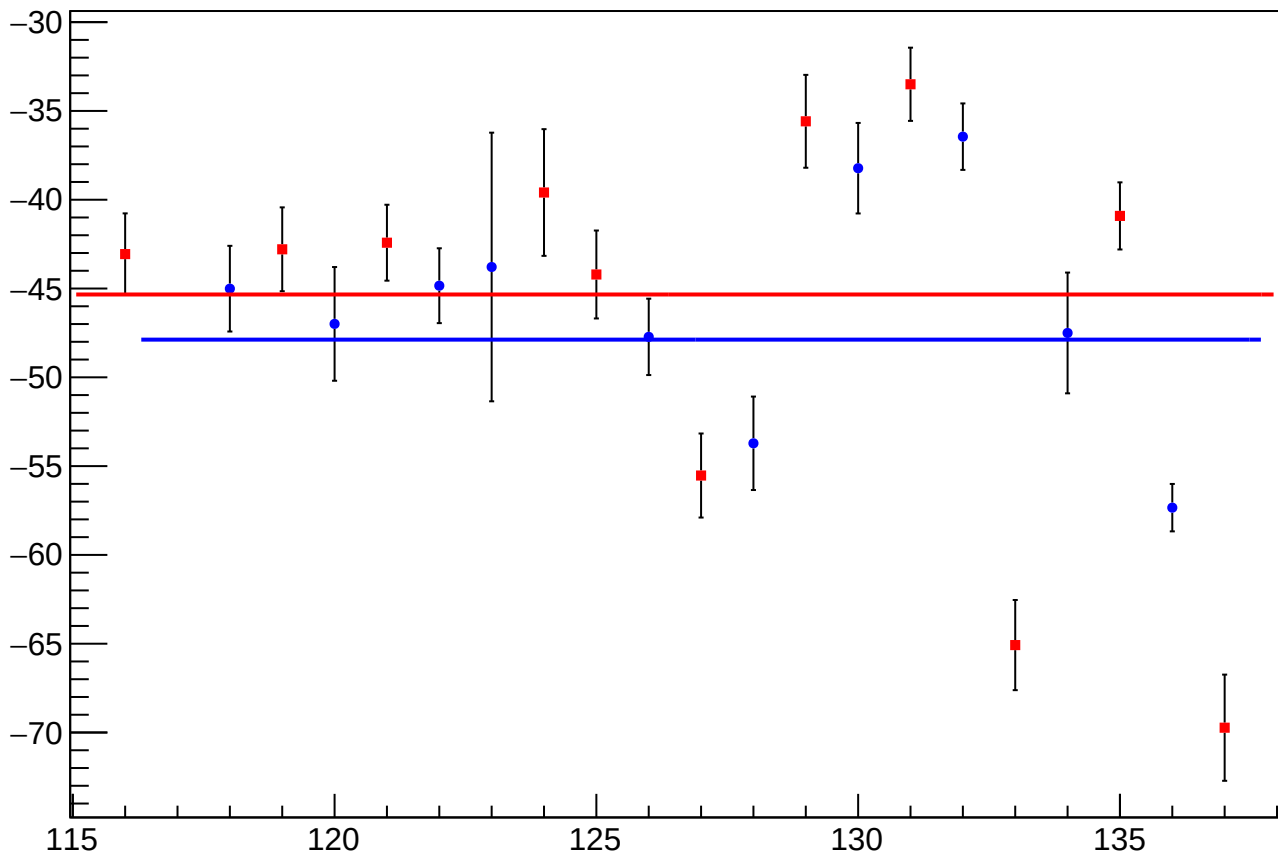
Right: -19.940 $\pm$ 0.014 χ^2 /NDF: 25817.2/18

In: -20.041 $\pm$ 0.020 χ^2 /NDF:12287.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.940 $\pm$ 0.014 χ^2 /NDF: 25817.2/18

reg_asym_right_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.878+/-0.714 χ^2/NDF : 110.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.336+/-0.718 χ^2/NDF : 204.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

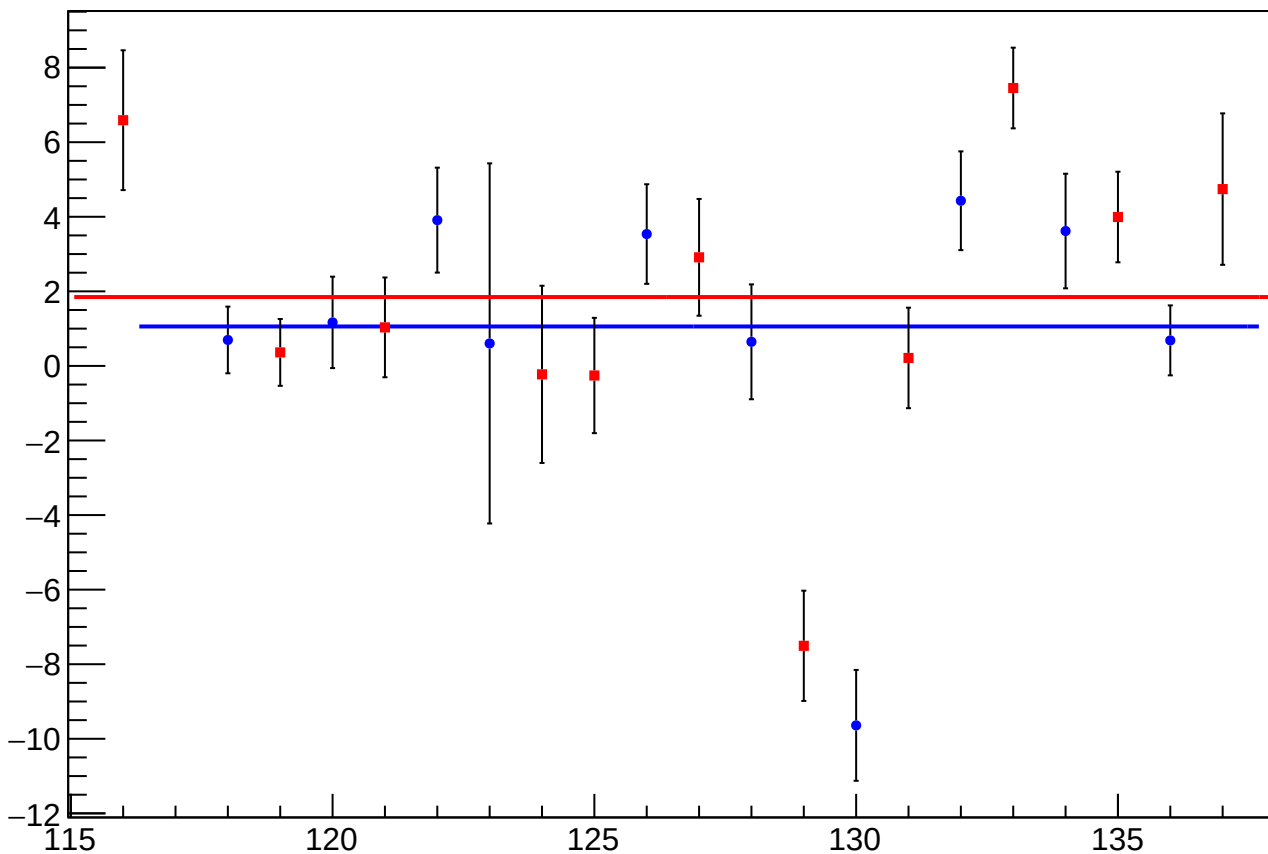
Right: -46.614+/-0.507 χ^2/NDF : 321.7/20

In: -47.878+/-0.714 χ^2/NDF : 110.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.614+/-0.507 χ^2/NDF : 321.7/20

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.058+/-0.407 χ^2/NDF : 69.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.847+/-0.413 χ^2/NDF : 86.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

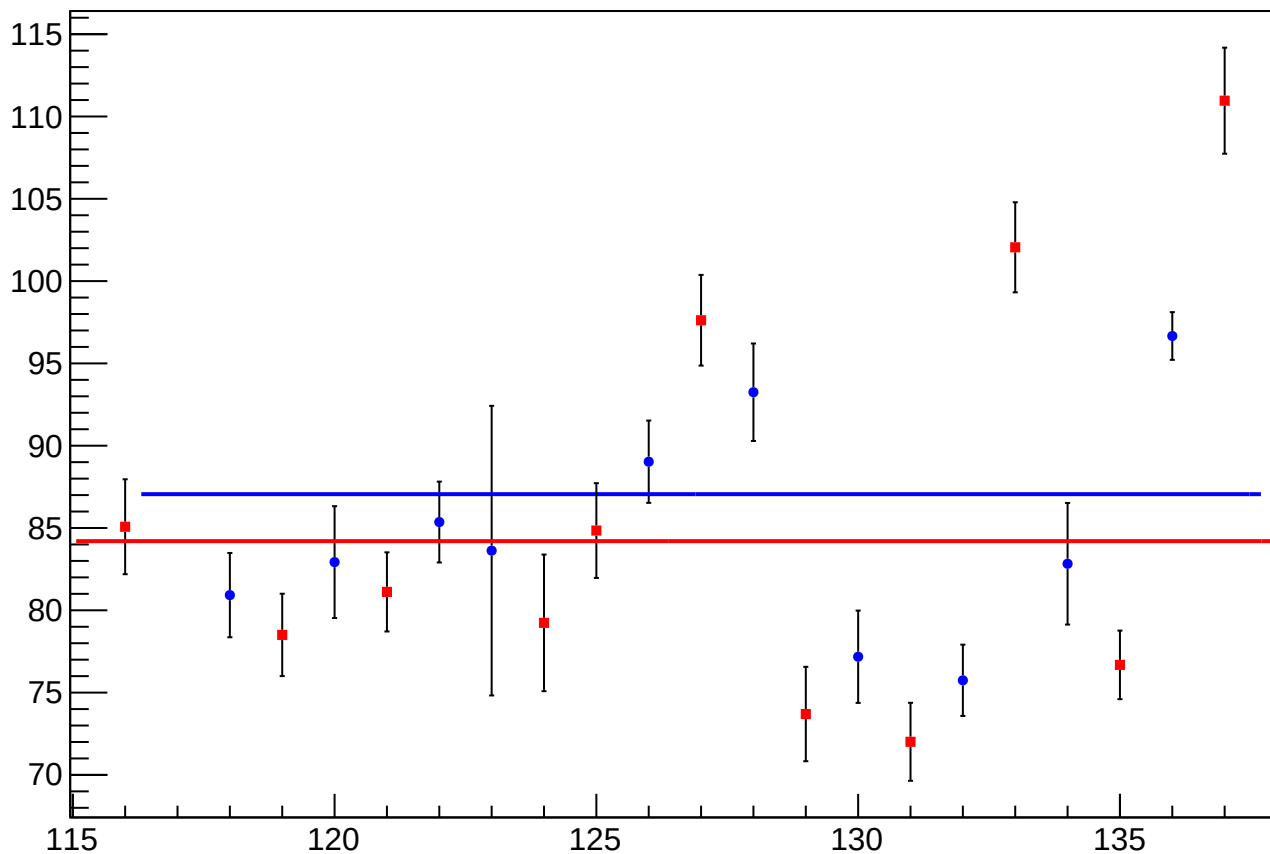
Right: 1.447+/-0.290 χ^2/NDF : 157.0/20

In: 1.058+/-0.407 χ^2/NDF : 69.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.447+/-0.290 χ^2/NDF : 157.0/20

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 87.055+/-0.795 χ^2/NDF : 97.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.202+/-0.810 χ^2/NDF : 196.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

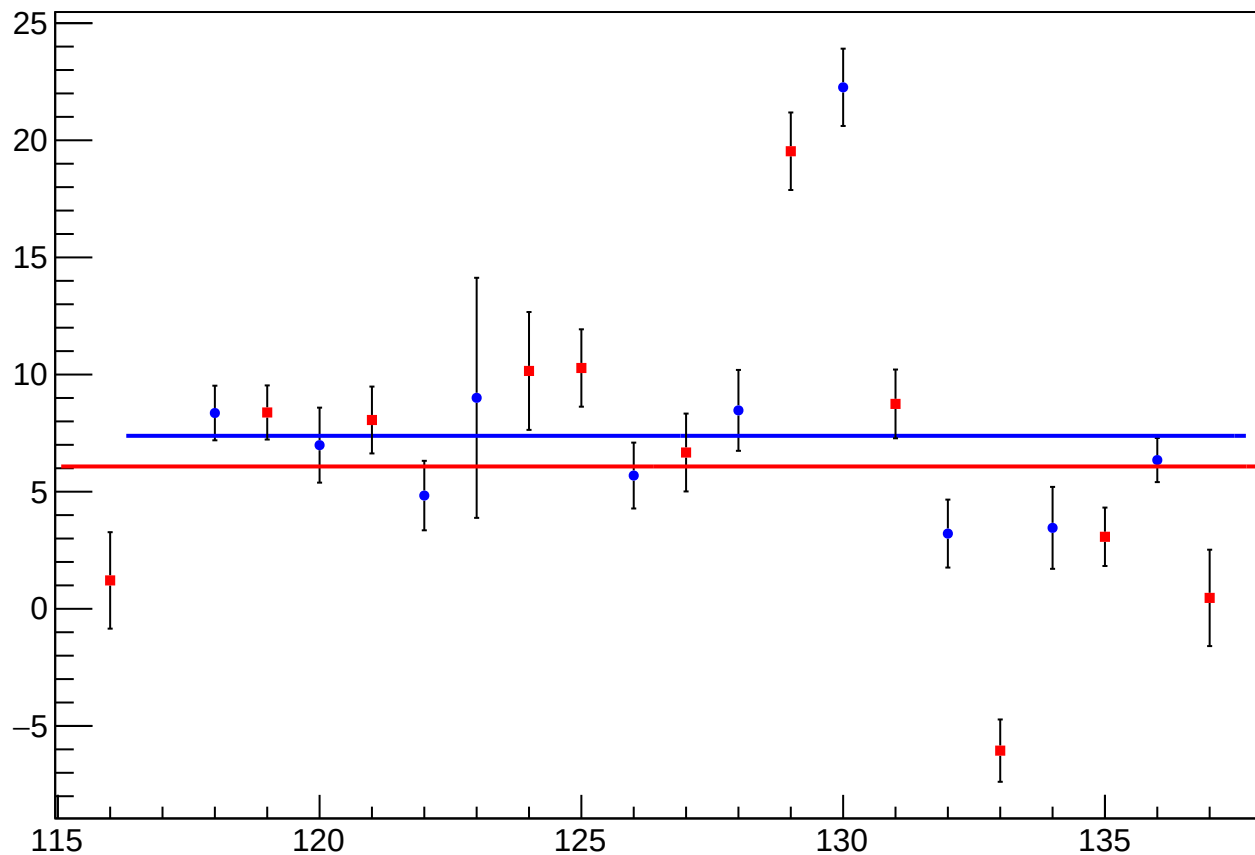
Right: 85.655+/-0.567 χ^2/NDF : 300.7/20

In: 87.055+/-0.795 χ^2/NDF : 97.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.655+/-0.567 χ^2/NDF : 300.7/20

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.385+/-0.458 χ^2/NDF : 101.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.076+/-0.464 χ^2/NDF : 186.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

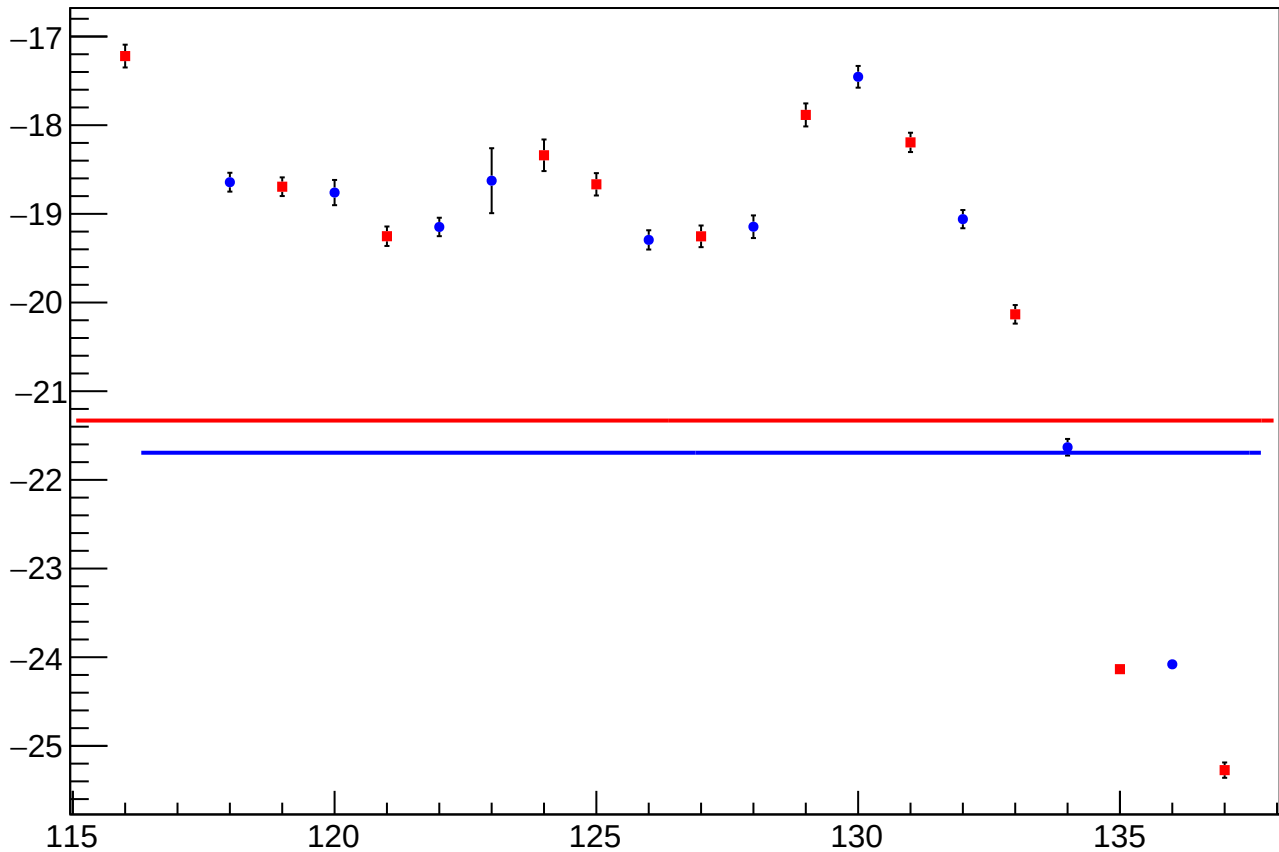
Right: 6.739+/-0.326 χ^2/NDF : 292.1/20

In: 7.385+/-0.458 χ^2/NDF : 101.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.739+/-0.326 χ^2/NDF : 292.1/20

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.694 $\pm$ 0.028 χ^2 /NDF: 8409.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.331 $\pm$ 0.029 χ^2 /NDF: 9884.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

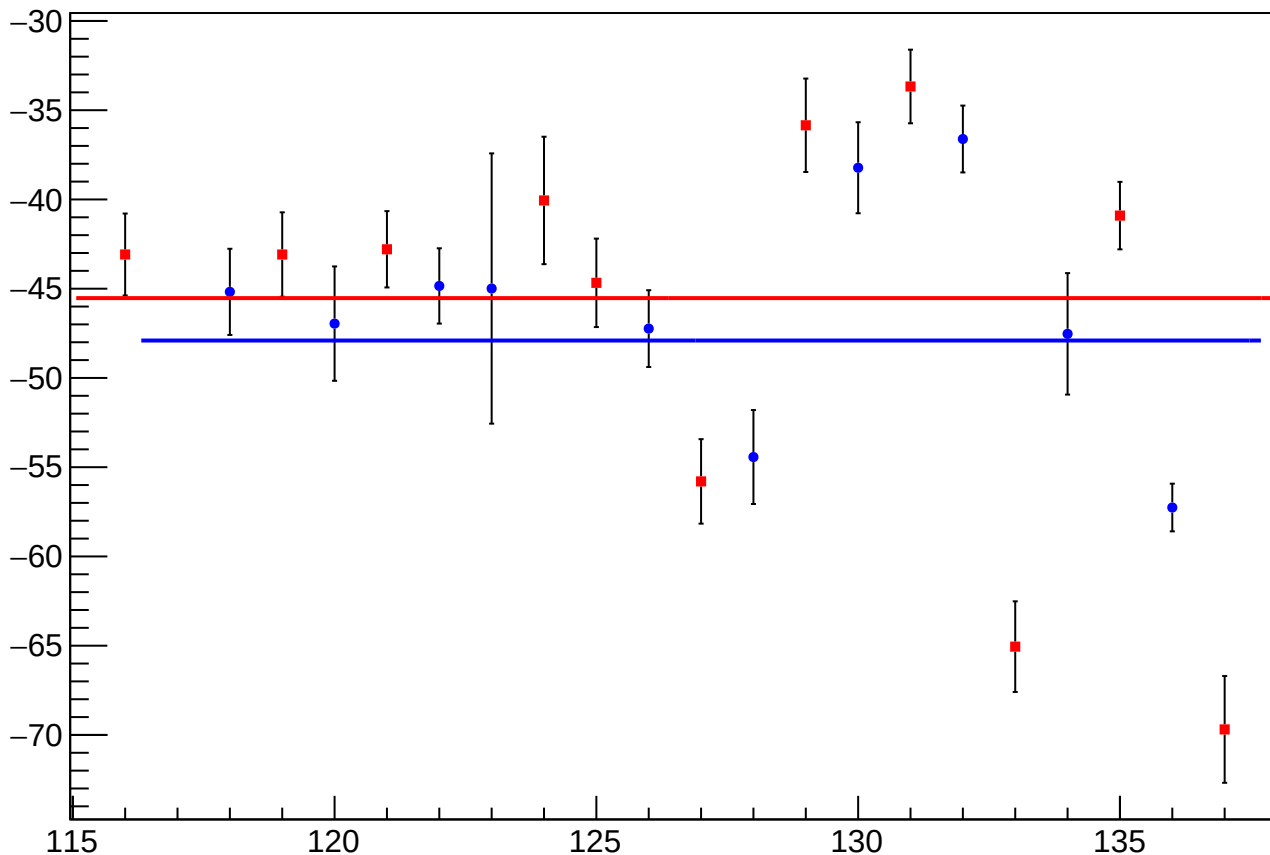
Right: -21.524 $\pm$ 0.020 χ^2 /NDF: 18375.6/20

In: -21.694 $\pm$ 0.028 χ^2 /NDF:8409.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.524 $\pm$ 0.020 χ^2 /NDF: 18375.6/20

reg_asym_right_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -47.903 ± 0.715 $\chi^2/\text{NDF}: 109.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -45.528 ± 0.719 $\chi^2/\text{NDF}: 202.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

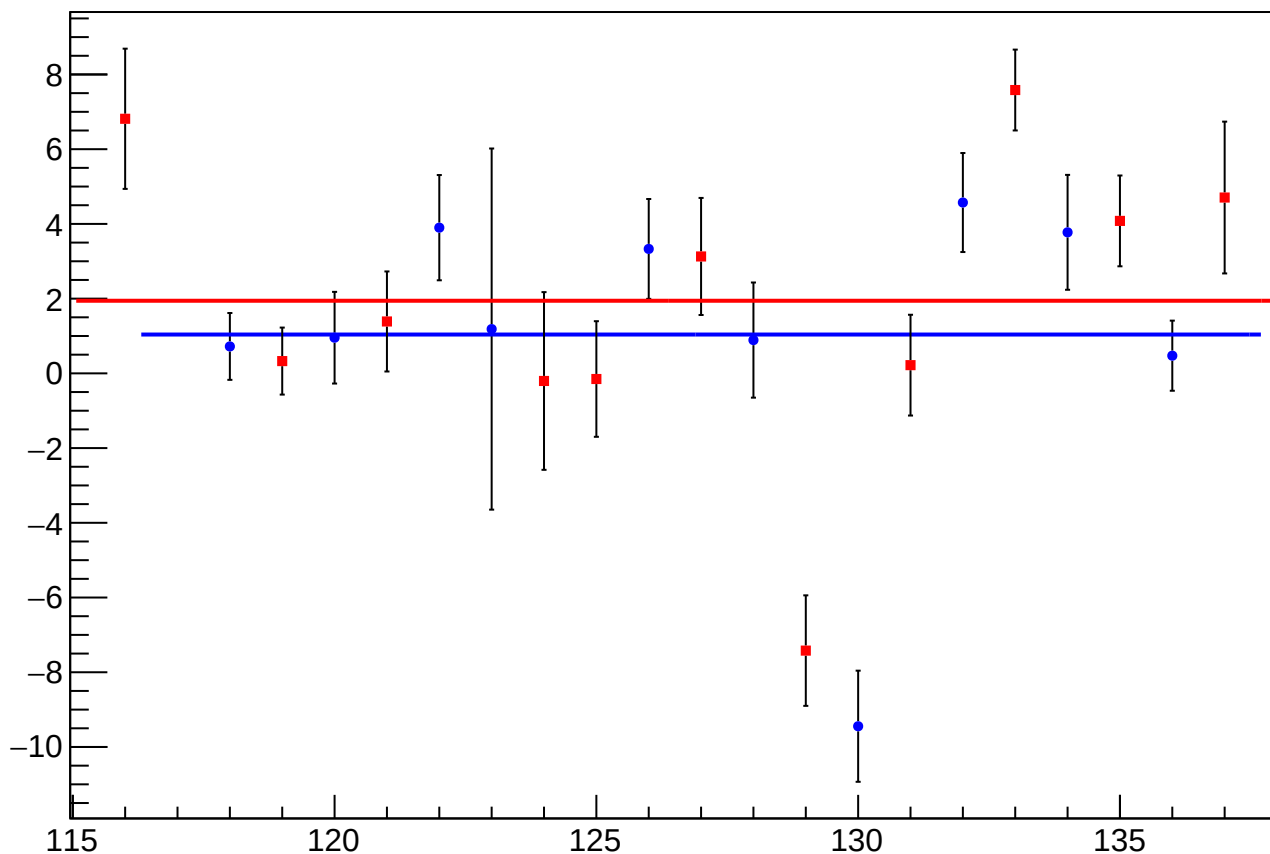
Right: -46.722 ± 0.507 $\chi^2/\text{NDF}: 317.4/20$

In: -47.903 ± 0.715 $\chi^2/\text{NDF}: 109.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -46.722 ± 0.507 $\chi^2/\text{NDF}: 317.4/20$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.039+/-0.407 χ^2/NDF : 67.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.943+/-0.413 χ^2/NDF : 87.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

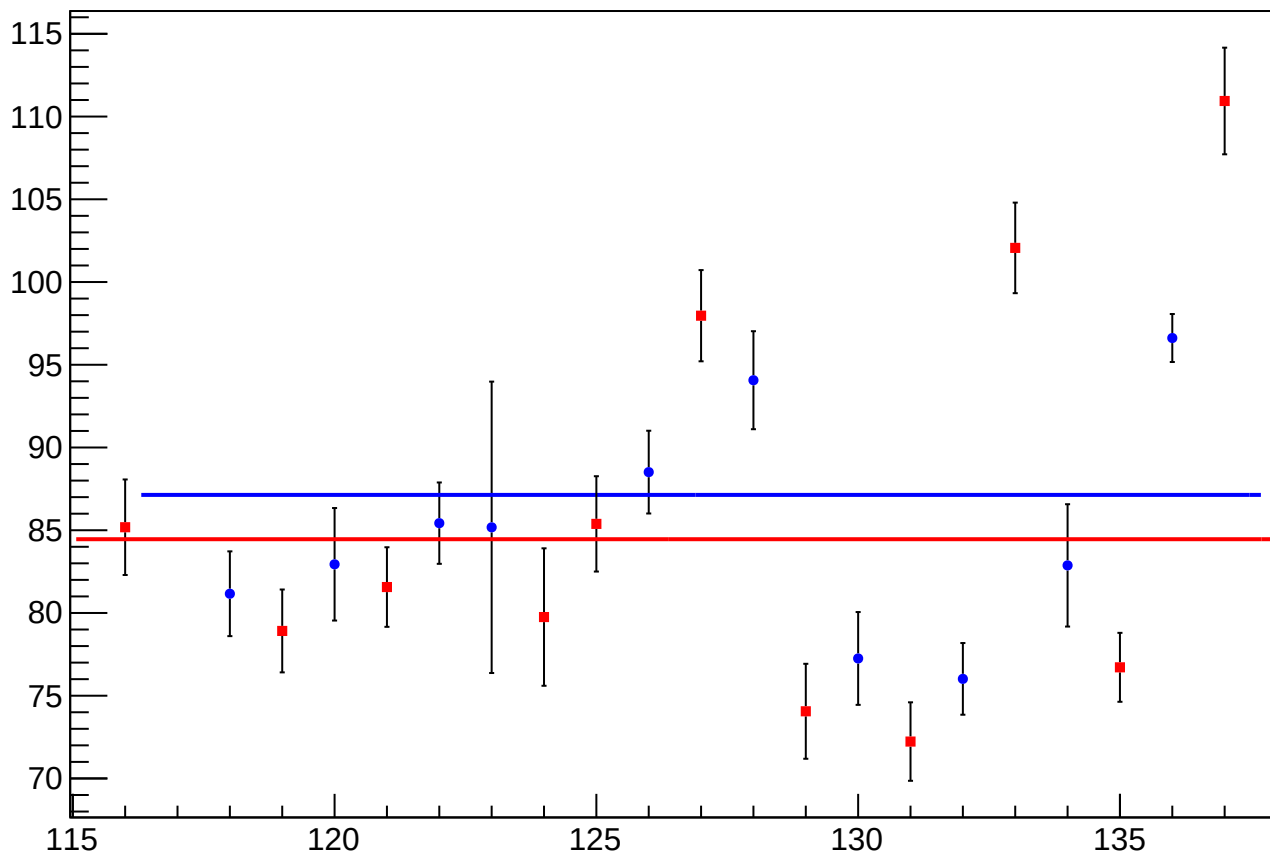
Right: 1.485+/-0.290 χ^2/NDF : 157.2/20

In: 1.039+/-0.407 χ^2/NDF : 67.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.485+/-0.290 χ^2/NDF : 157.2/20

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 87.136 $\pm$ 0.796 χ^2 /NDF: 96.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.458 $\pm$ 0.811 χ^2 /NDF: 194.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

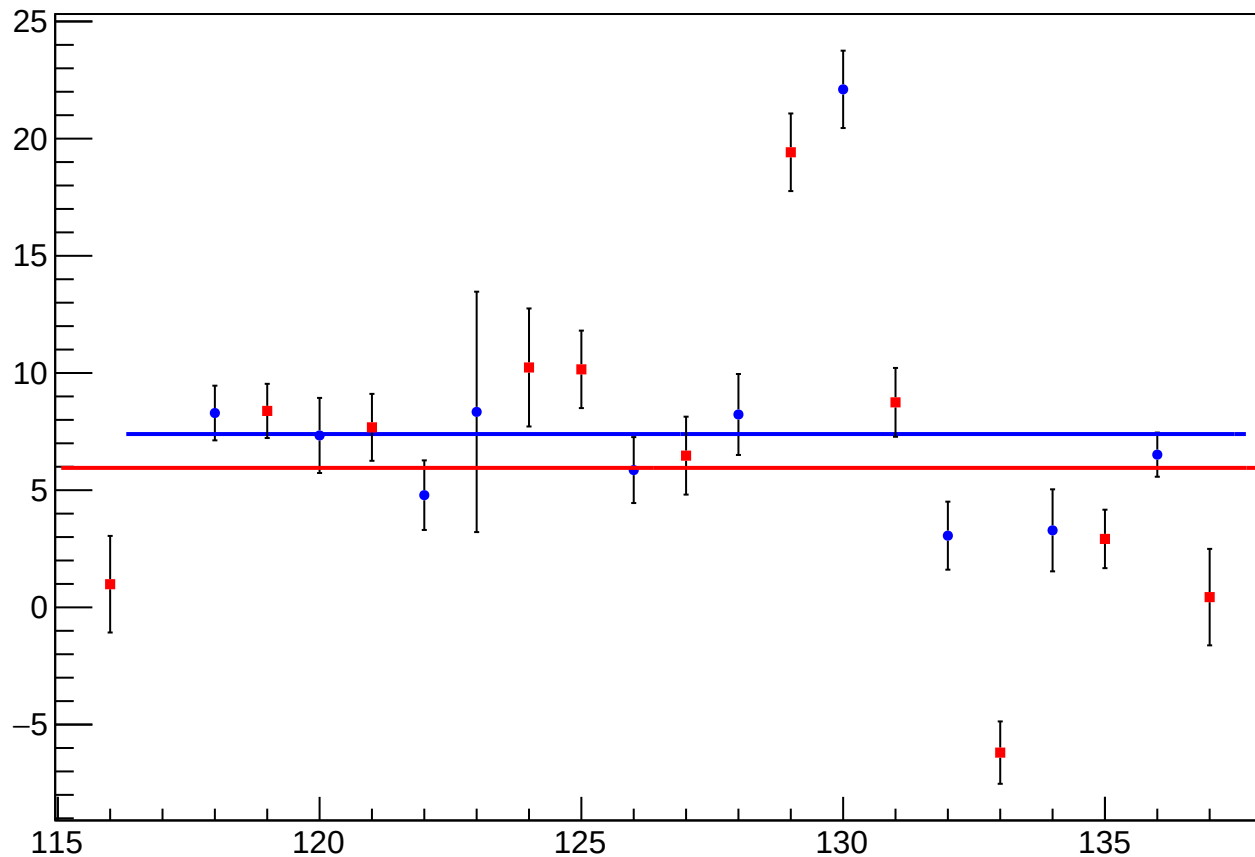
Right: 85.822 $\pm$ 0.568 χ^2 /NDF: 295.9/20

In: 87.136 $\pm$ 0.796 χ^2 /NDF:96.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.822 $\pm$ 0.568 χ^2 /NDF: 295.9/20

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.395+/-0.459 χ^2/NDF : 99.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.952+/-0.465 χ^2/NDF : 187.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

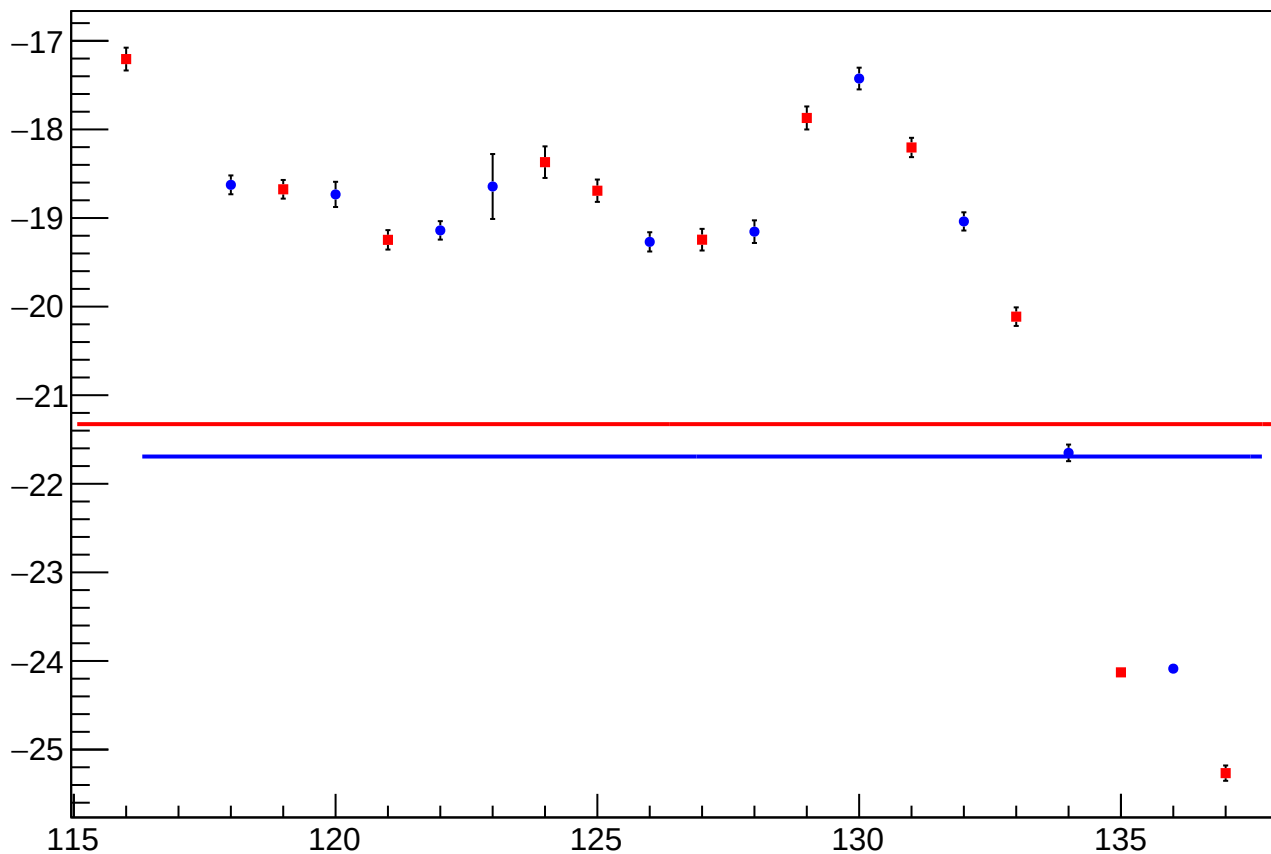
Right: 6.683+/-0.326 χ^2/NDF : 292.1/20

In: 7.395+/-0.459 χ^2/NDF : 99.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.683+/-0.326 χ^2/NDF : 292.1/20

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.692 $\pm$ 0.028 χ^2 /NDF: 8475.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.327 $\pm$ 0.029 χ^2 /NDF: 9864.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

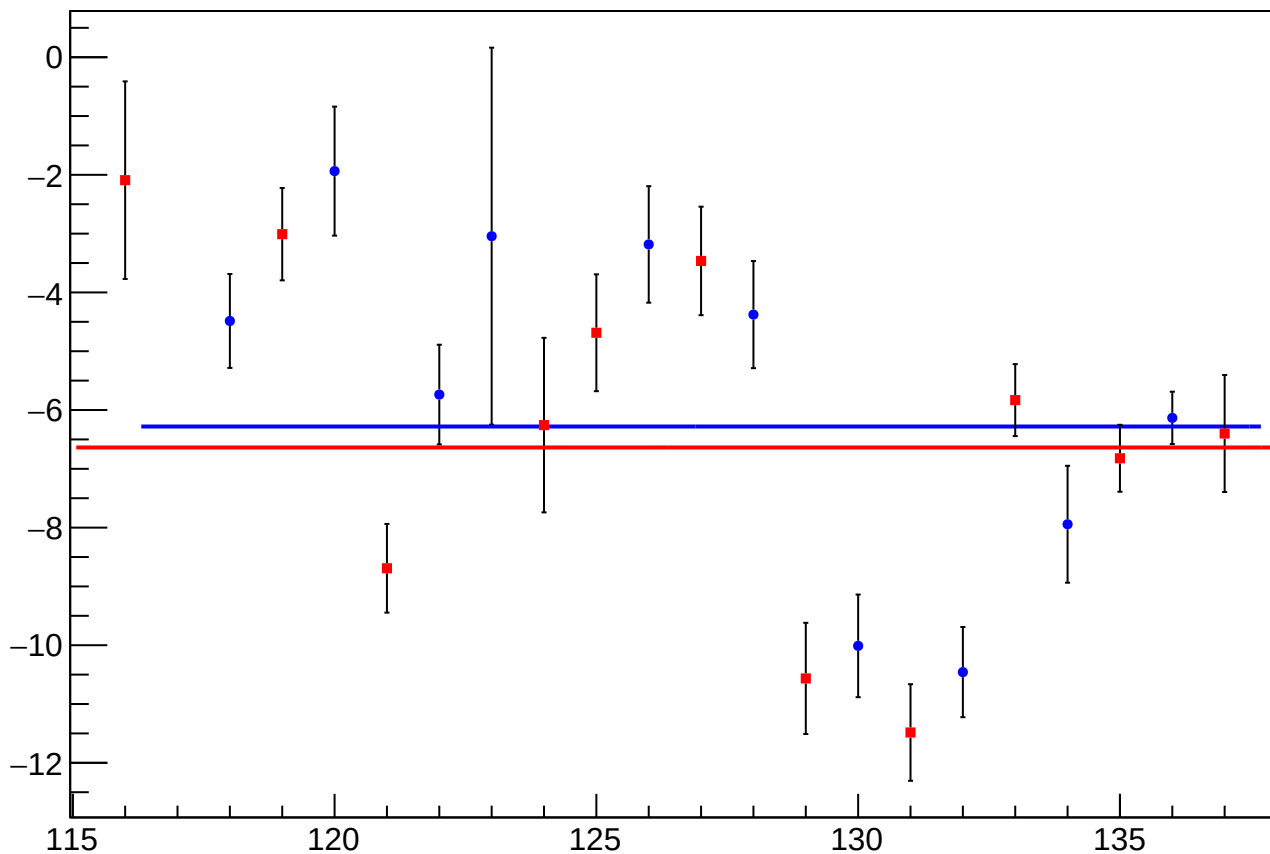
Right: -21.521 $\pm$ 0.020 χ^2 /NDF: 18422.3/20

In: -21.692 $\pm$ 0.028 χ^2 /NDF:8475.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.521 $\pm$ 0.020 χ^2 /NDF: 18422.3/20

reg_asym_sam_15_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.281 ± 0.257 χ^2/NDF : 87.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.637 ± 0.252 χ^2/NDF : 105.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

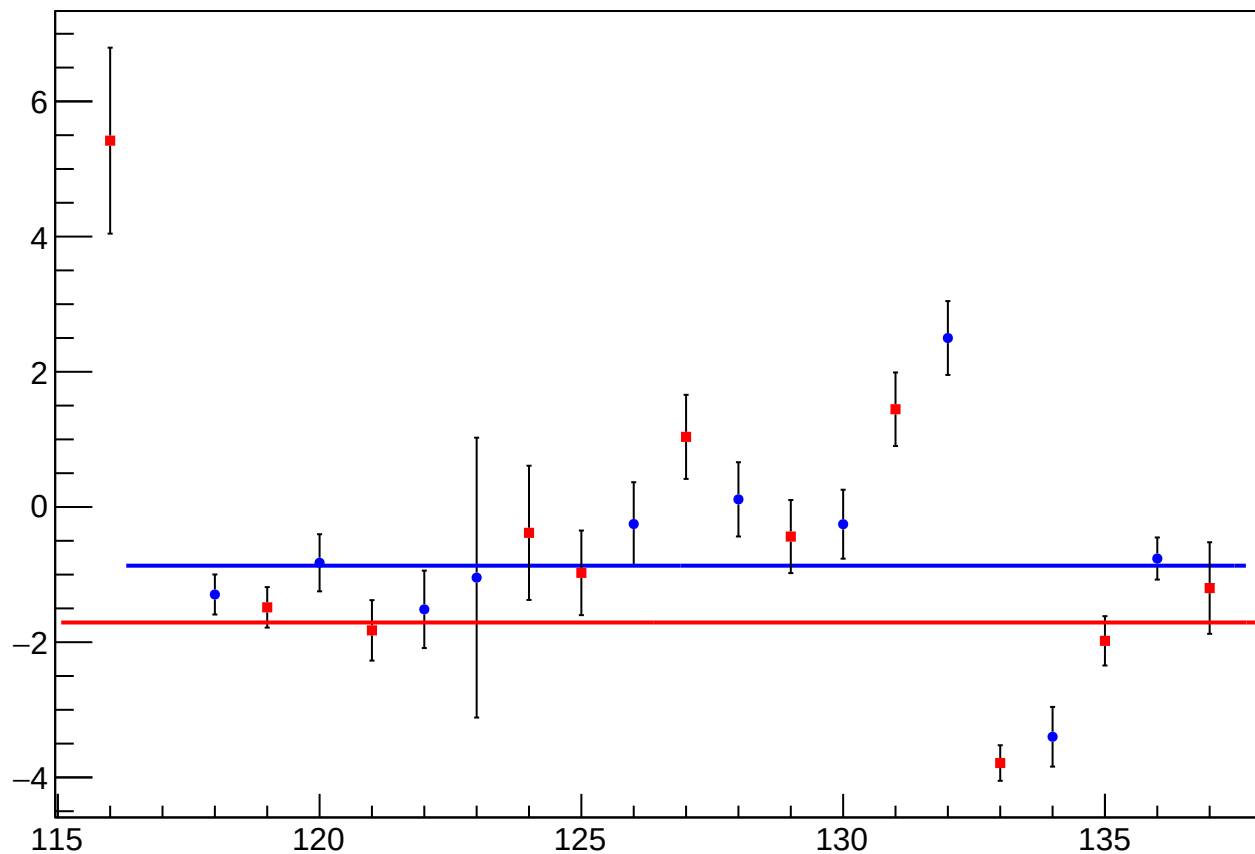
Right: -6.462 ± 0.180 χ^2/NDF : 193.9/20

In: -6.281 ± 0.257 χ^2/NDF : 87.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.462 ± 0.180 χ^2/NDF : 193.9/20

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.868 ± 0.143 χ^2/NDF : 80.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.708 ± 0.136 χ^2/NDF : 152.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

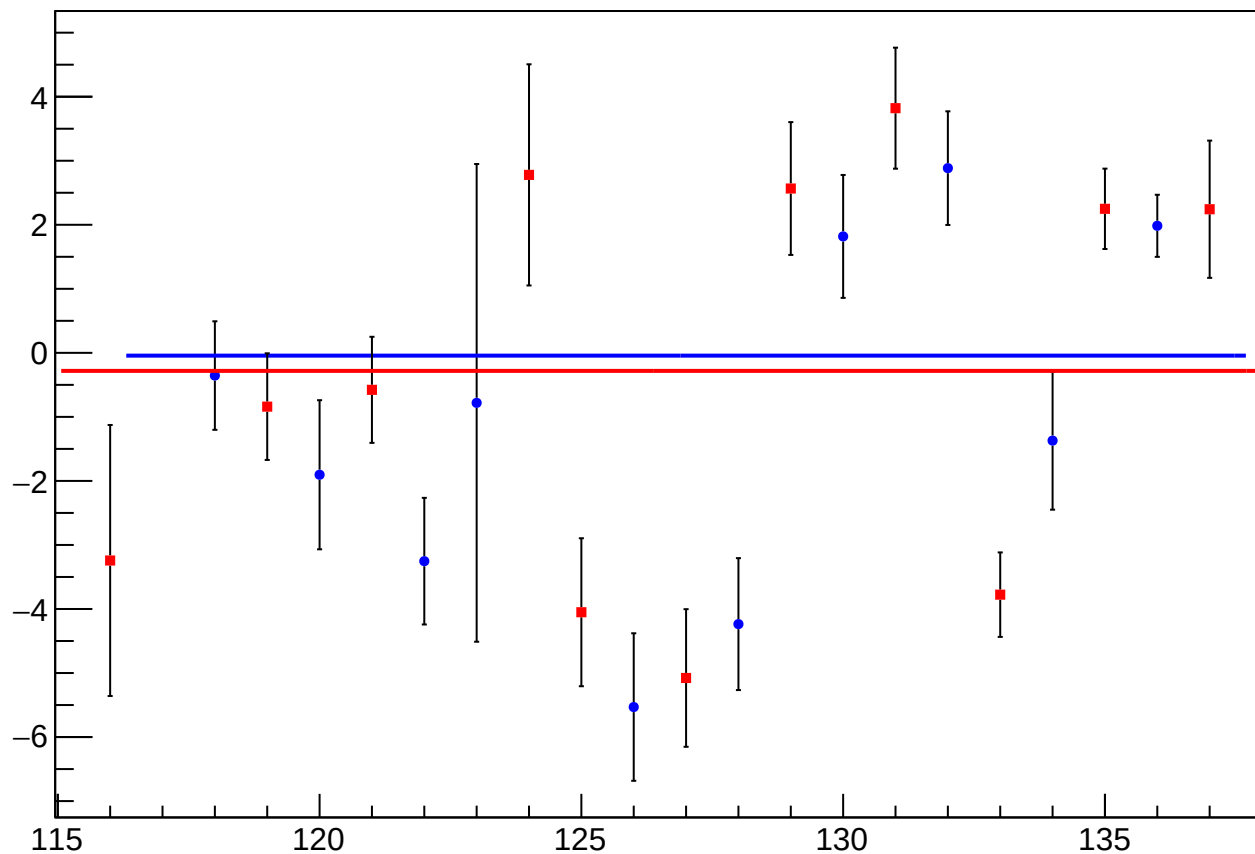
Right: -1.308 ± 0.099 χ^2/NDF : 251.0/20

In: -0.868 ± 0.143 χ^2/NDF : 80.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.308 ± 0.099 χ^2/NDF : 251.0/20

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.043 +/- 0.284 χ^2/NDF : 86.2/9

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.282 +/- 0.279 χ^2/NDF : 112.5/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

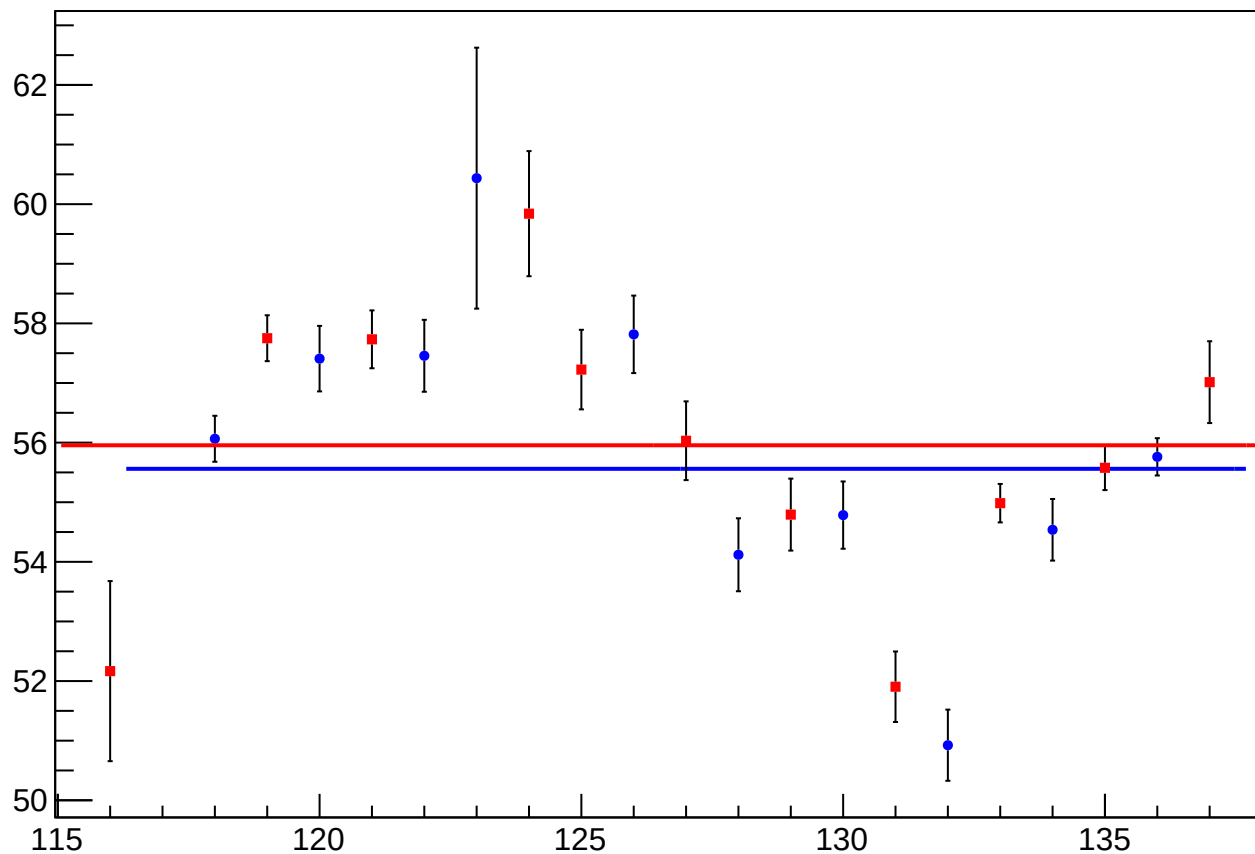
Right: -0.165 +/- 0.199 χ^2/NDF : 199.0/20

In: -0.043 +/- 0.284 χ^2/NDF : 86.2/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.165 +/- 0.199 χ^2/NDF : 199.0/20

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.560+/-0.162 χ^2/NDF : 112.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.955+/-0.155 χ^2/NDF : 121.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

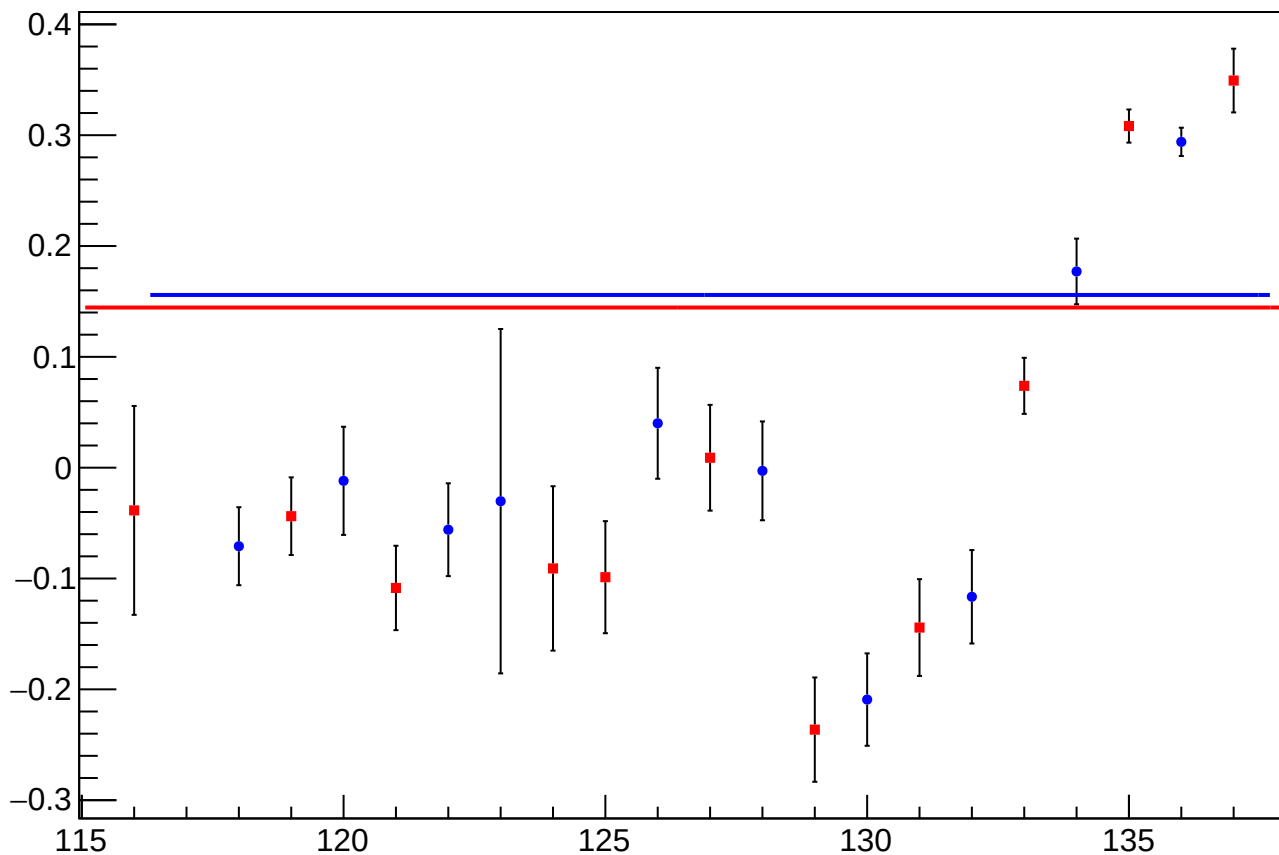
Right: 55.766+/-0.112 χ^2/NDF : 237.0/20

In: 55.560+/-0.162 χ^2/NDF : 112.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.766+/-0.112 χ^2/NDF : 237.0/20

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.156+/-0.009 χ^2/NDF : 334.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.145+/-0.010 χ^2/NDF : 405.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

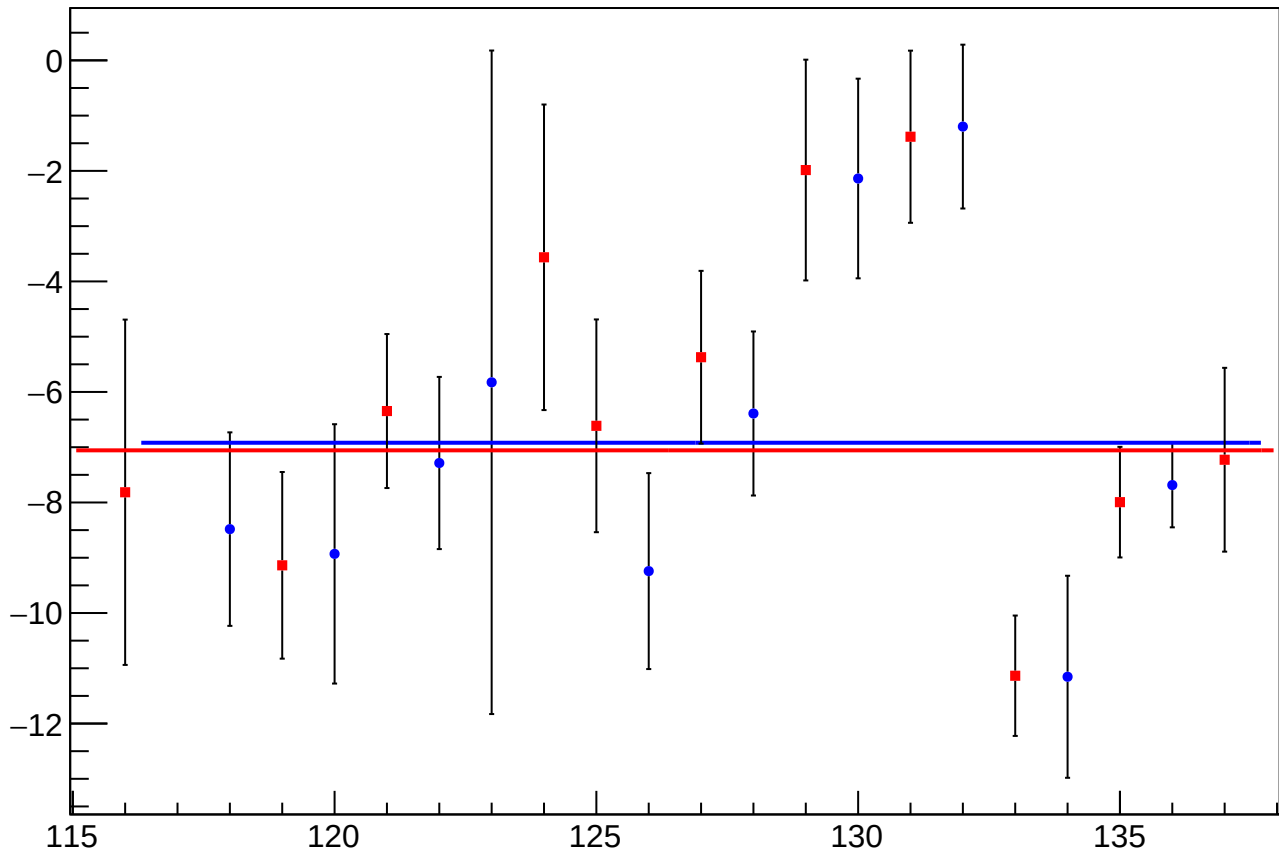
Right: 0.150+/-0.007 χ^2/NDF : 740.8/20

In: 0.156+/-0.009 χ^2/NDF : 334.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.150+/-0.007 χ^2/NDF : 740.8/20

reg_asym_sam_15_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.919+/-0.472 χ^2/NDF : 31.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.057+/-0.464 χ^2/NDF : 39.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

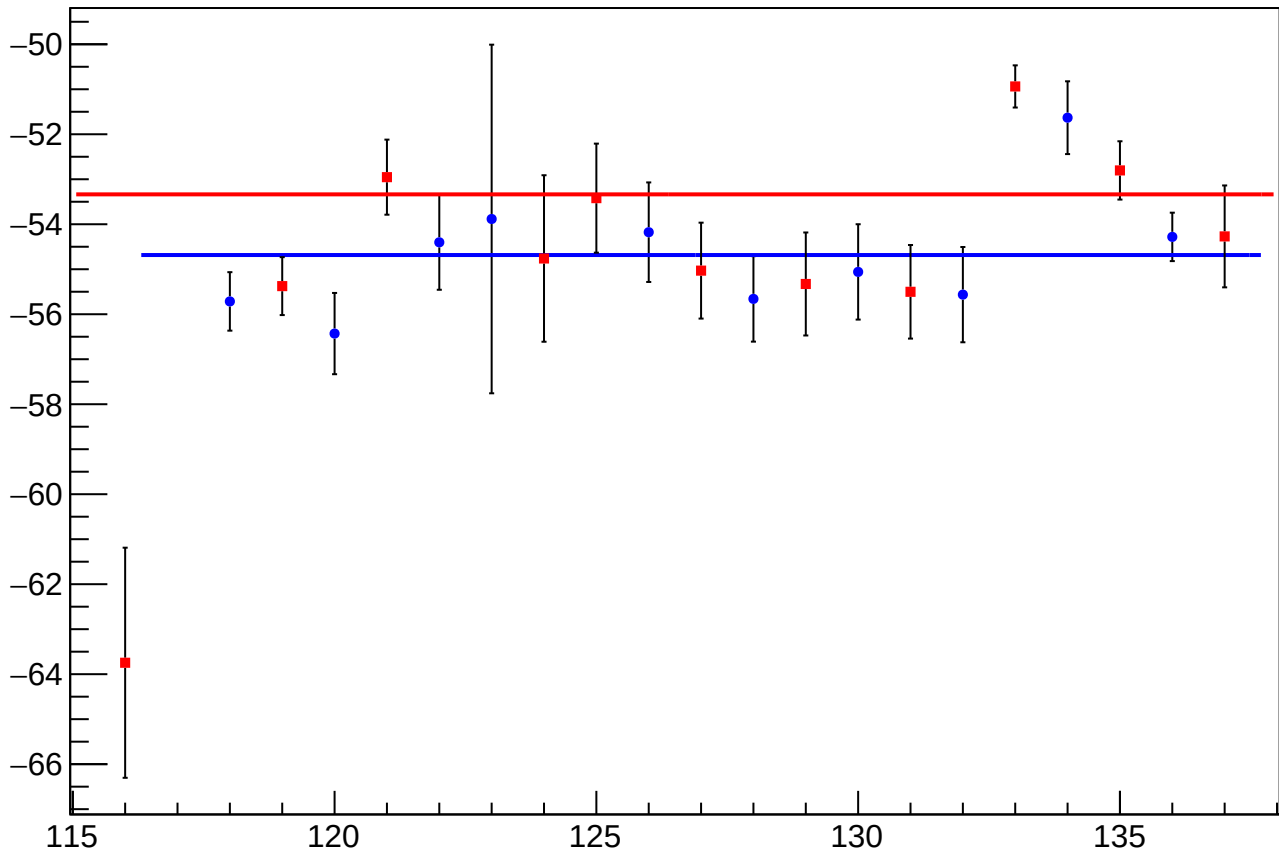
Right: -6.989+/-0.331 χ^2/NDF : 71.1/20

In: -6.919+/-0.472 χ^2/NDF : 31.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.989+/-0.331 χ^2/NDF : 71.1/20

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -54.684 $\pm$ 0.275 χ^2 /NDF: 23.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -53.336 $\pm$ 0.256 χ^2 /NDF: 64.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

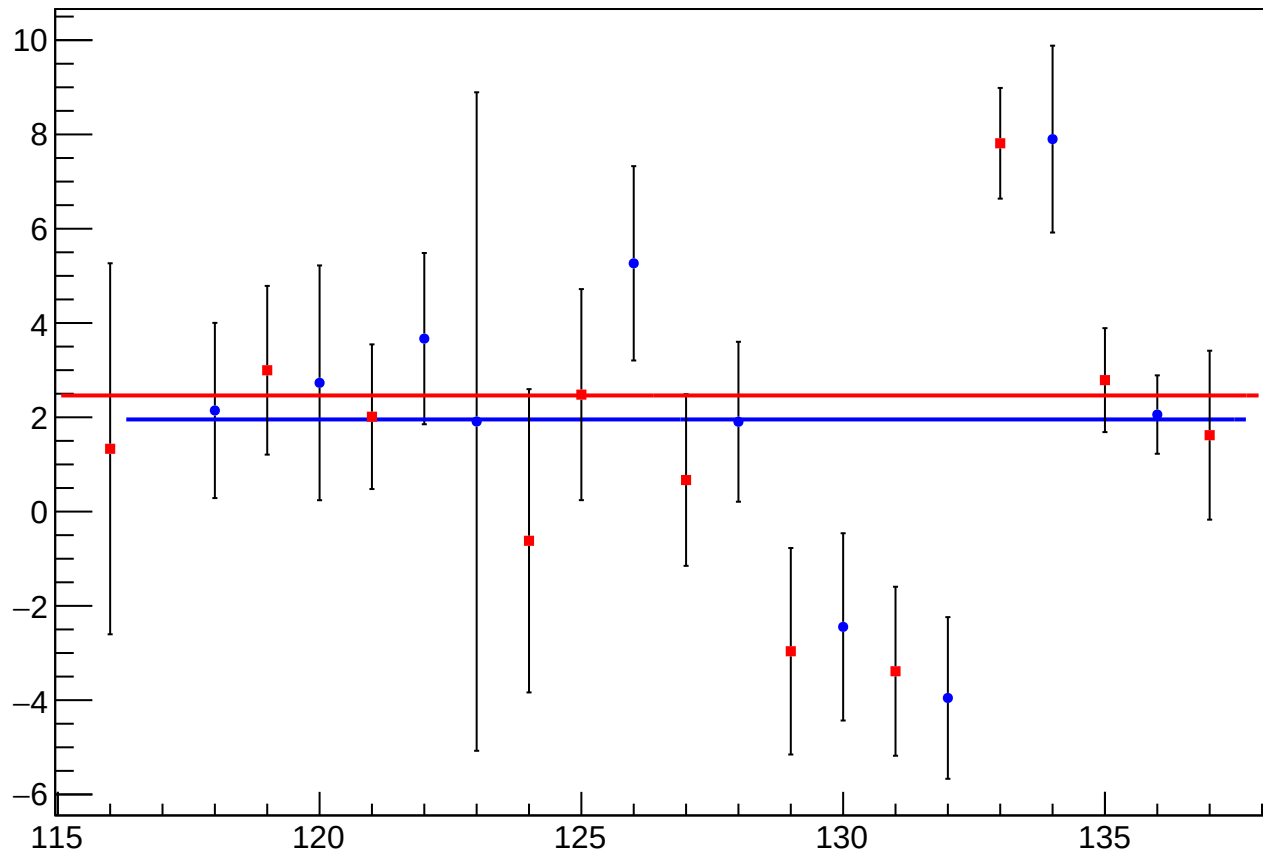
Right: -53.962 $\pm$ 0.187 χ^2 /NDF: 101.0/20

In: -54.684 $\pm$ 0.275 χ^2 /NDF: 23.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.962 $\pm$ 0.187 χ^2 /NDF: 101.0/20

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.955+/-0.523 χ^2/NDF : 29.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.463+/-0.514 χ^2/NDF : 40.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

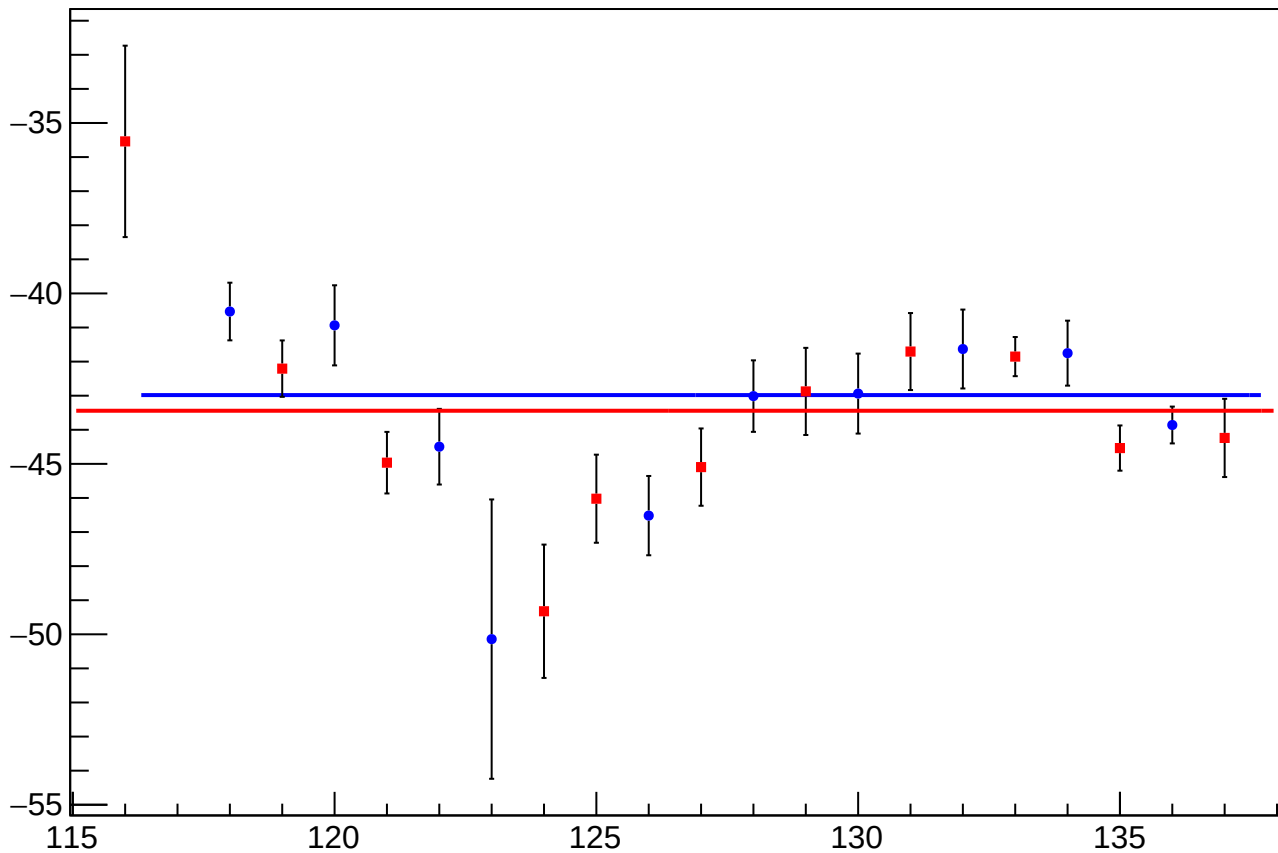
Right: 2.213+/-0.367 χ^2/NDF : 69.9/20

In: 1.955+/-0.523 χ^2/NDF : 29.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.213+/-0.367 χ^2/NDF : 69.9/20

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.982 ± 0.307 χ^2/NDF : 31.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.442 ± 0.290 χ^2/NDF : 41.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

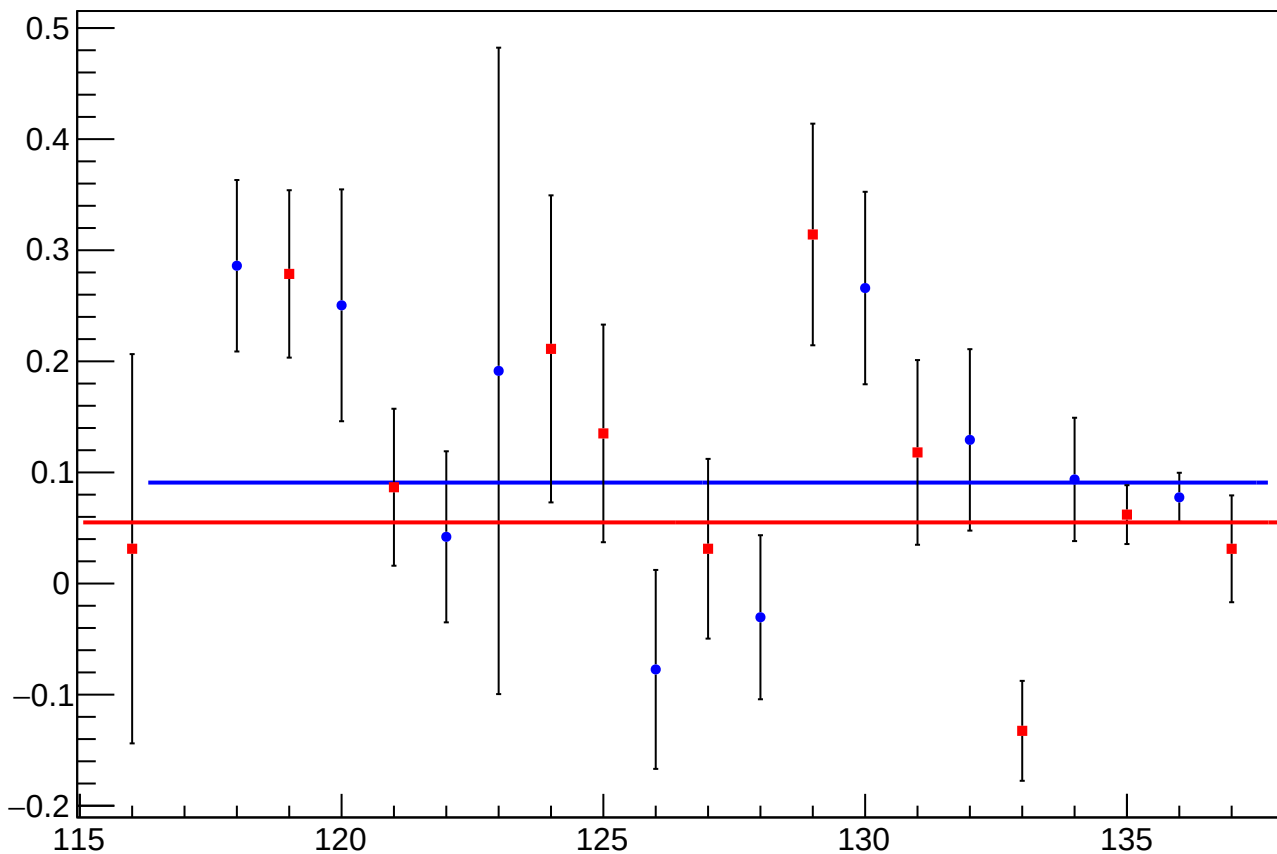
Right: -43.225 ± 0.211 χ^2/NDF : 74.0/20

In: -42.982 ± 0.307 χ^2/NDF : 31.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.225 ± 0.211 χ^2/NDF : 74.0/20

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.091 $\pm$ 0.017 χ^2 /NDF: 20.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.055 $\pm$ 0.017 χ^2 /NDF: 36.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

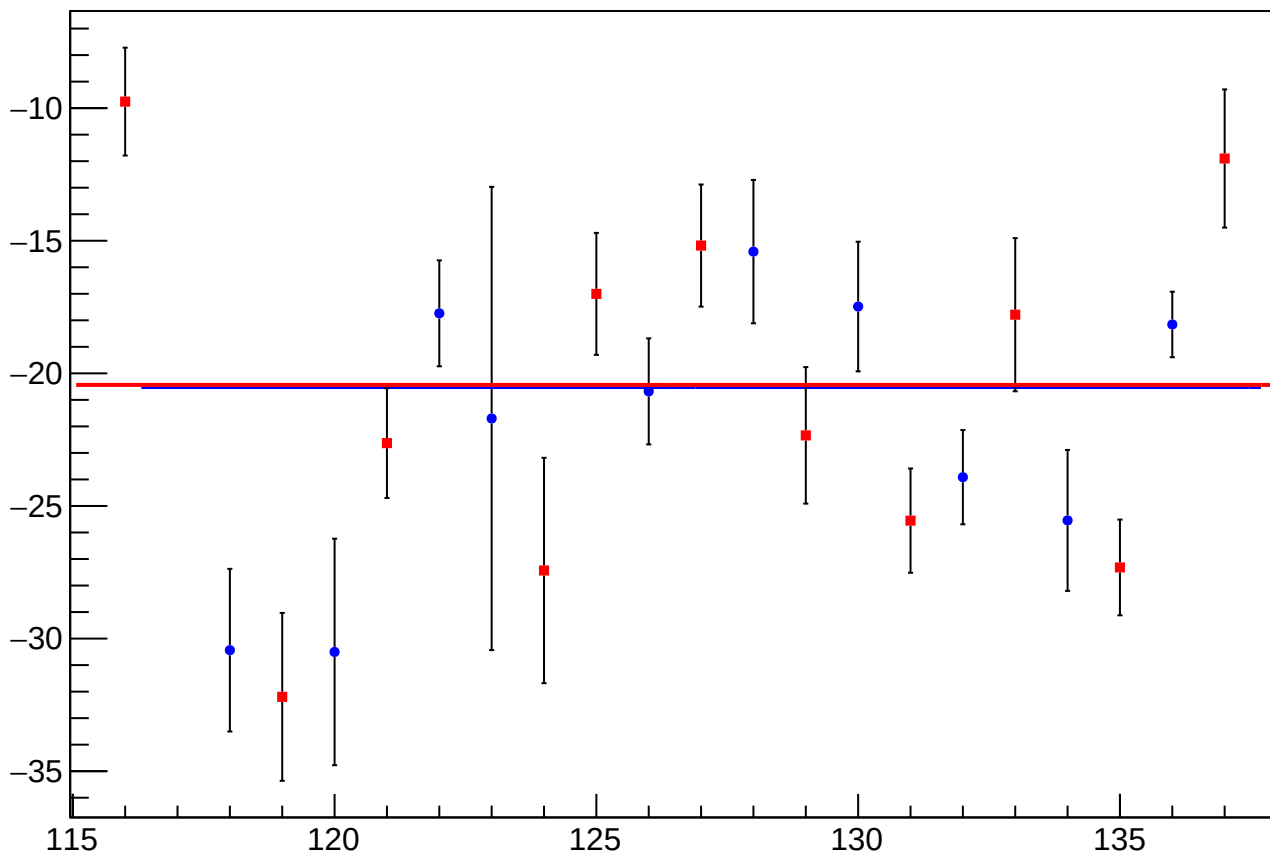
Right: 0.073 $\pm$ 0.012 χ^2 /NDF: 58.4/20

In: 0.091 $\pm$ 0.017 χ^2 /NDF:20.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.073 $\pm$ 0.012 χ^2 /NDF: 58.4/20

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -20.515 $\pm$ 0.691 χ^2 /NDF: 33.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.436 $\pm$ 0.708 χ^2 /NDF: 86.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

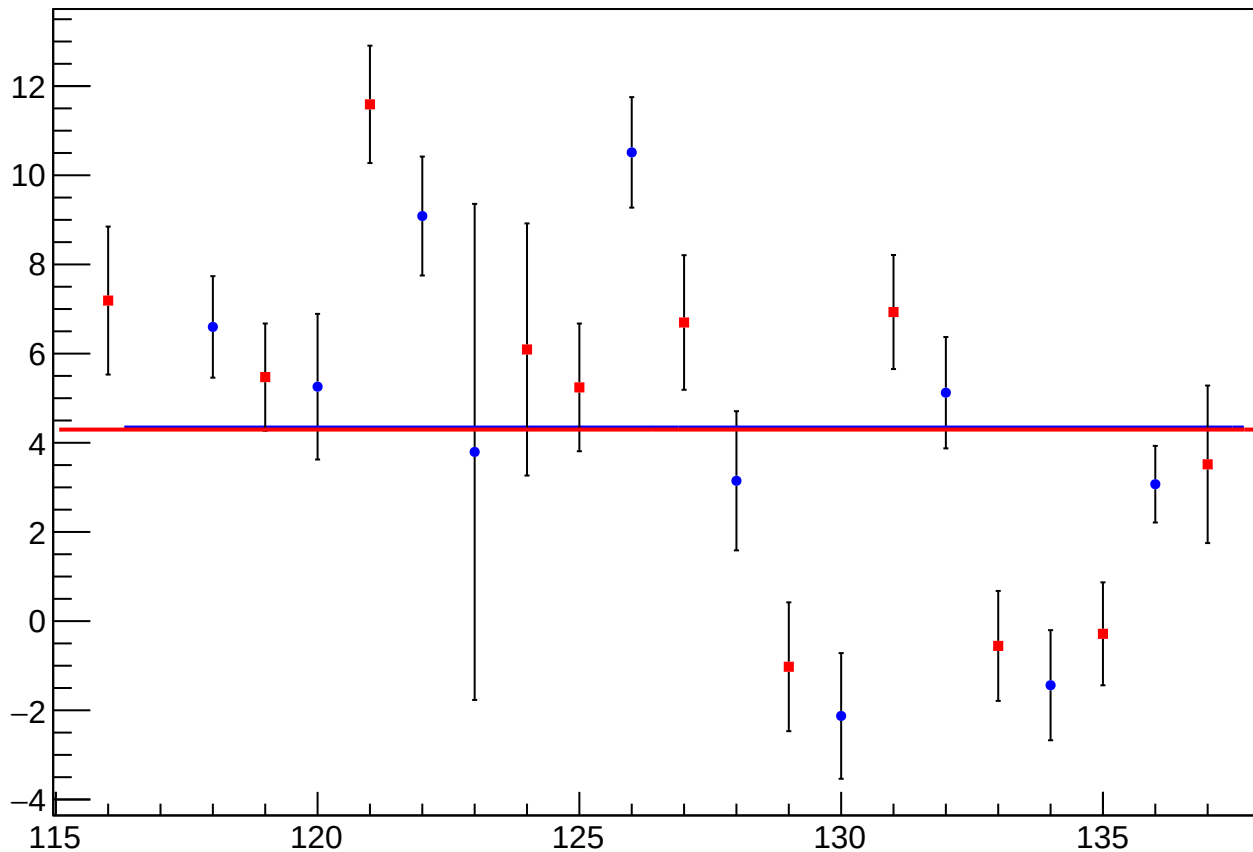
Right: -20.476 $\pm$ 0.495 χ^2 /NDF: 120.0/20

In: -20.515 $\pm$ 0.691 χ^2 /NDF:33.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.476 $\pm$ 0.495 χ^2 /NDF: 120.0/20

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.342 $\pm$ 0.410 χ^2/NDF : 87.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 4.296 $\pm$ 0.426 χ^2/NDF : 87.3/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

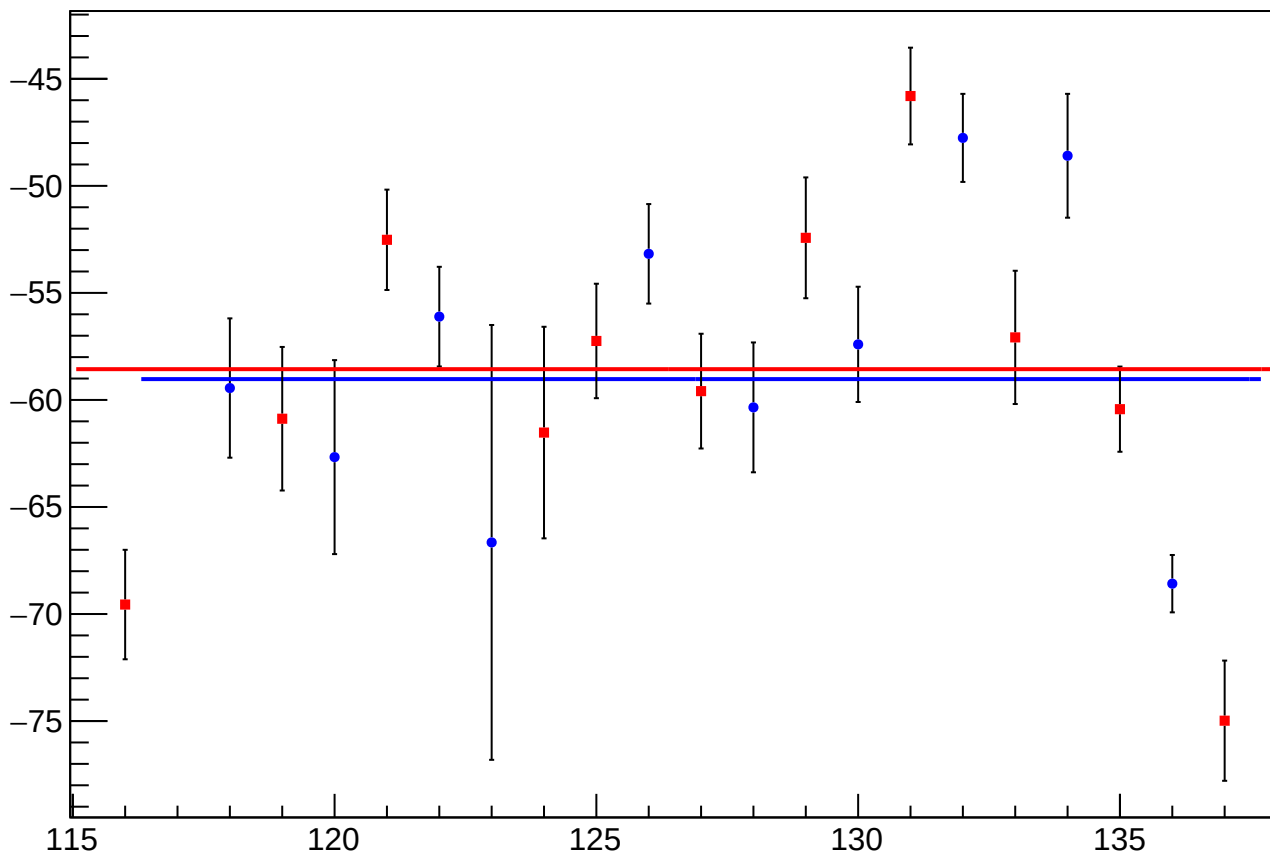
Right: 4.320 $\pm$ 0.295 χ^2/NDF : 175.1/20

In: 4.342 $\pm$ 0.410 χ^2/NDF :87.8/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 4.320 $\pm$ 0.295 χ^2/NDF : 175.1/20

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.027 ± 0.771 χ^2/NDF : 103.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.562 ± 0.804 χ^2/NDF : 98.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

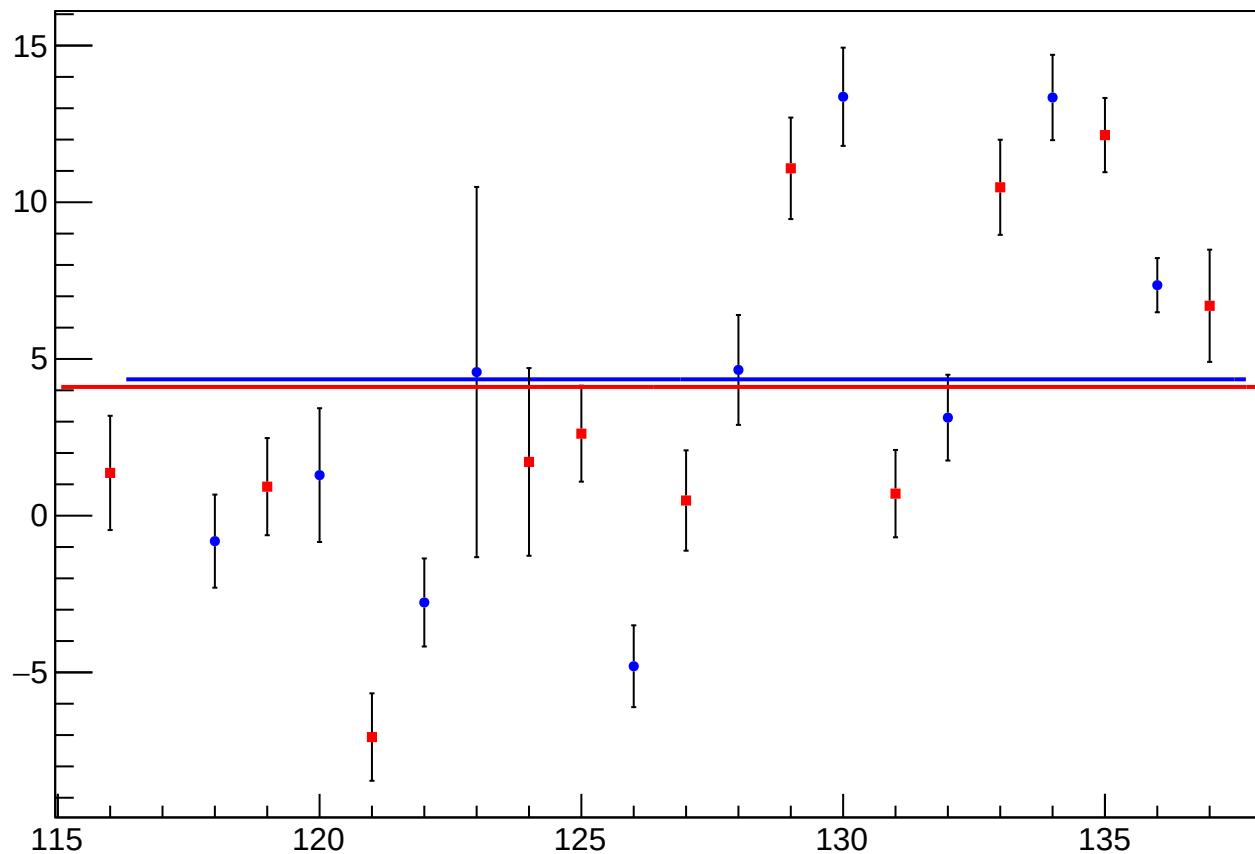
Right: -58.804 ± 0.556 χ^2/NDF : 202.1/20

In: -59.027 ± 0.771 χ^2/NDF : 103.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.804 ± 0.556 χ^2/NDF : 202.1/20

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.350+/-0.450 χ^2/NDF : 178.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.108+/-0.471 χ^2/NDF : 167.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

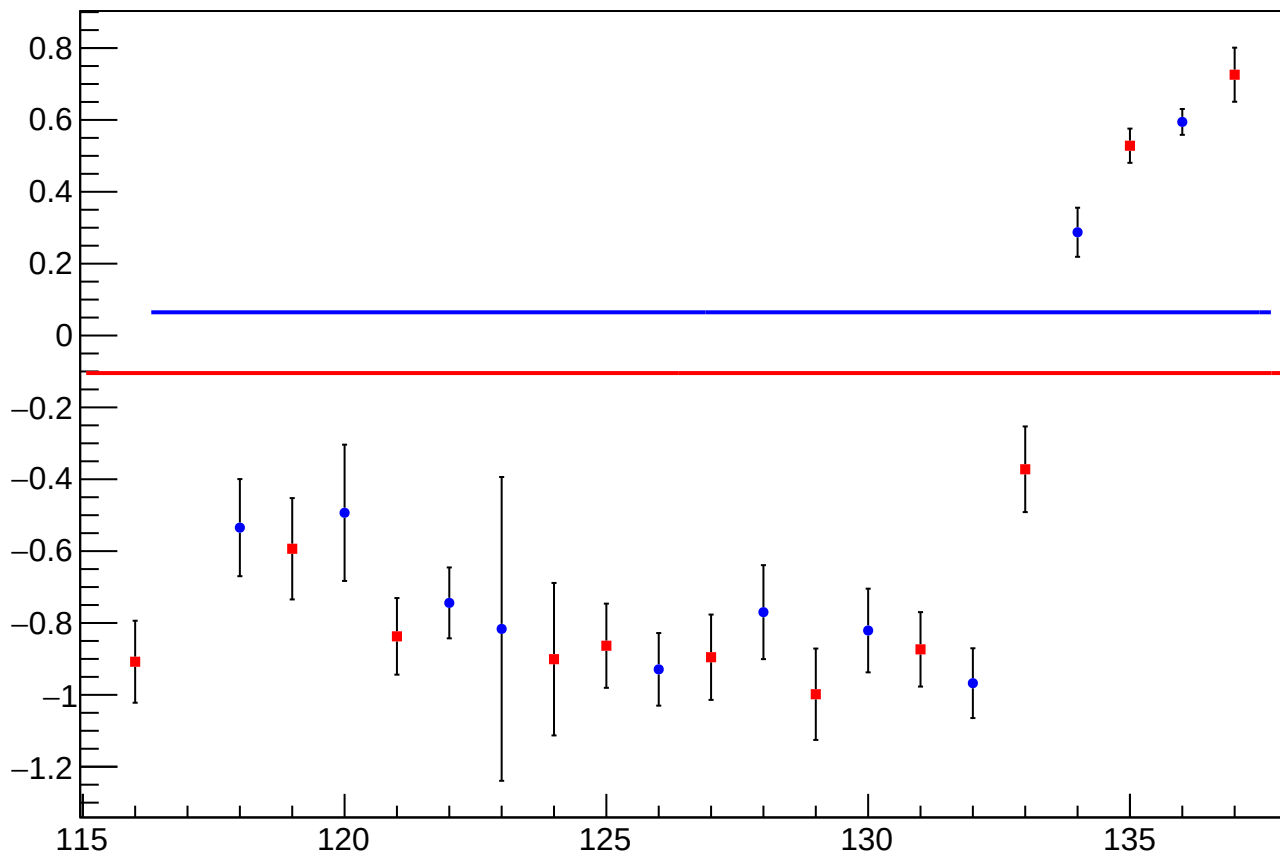
Right: 4.235+/-0.325 χ^2/NDF : 346.3/20

In: 4.350+/-0.450 χ^2/NDF : 178.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.235+/-0.325 χ^2/NDF : 346.3/20

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.065+/-0.026 χ^2/NDF : 635.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.104+/-0.029 χ^2/NDF : 617.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

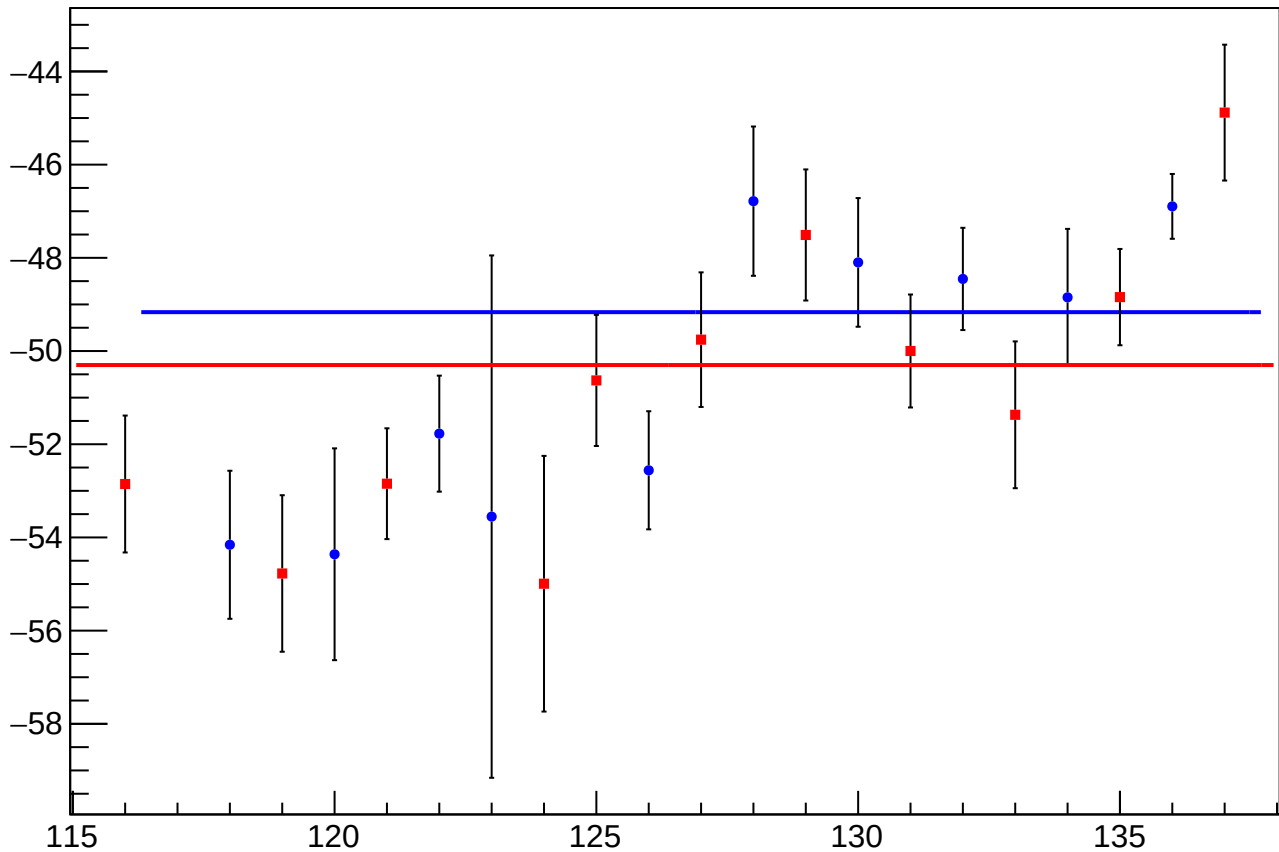
Right: -0.011+/-0.019 χ^2/NDF : 1272.1/20

In: 0.065+/-0.026 χ^2/NDF : 635.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.019 χ^2/NDF : 1272.1/20

reg_asym_sam_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -49.166 ± 0.403 χ^2/NDF : 41.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.300 ± 0.421 χ^2/NDF : 38.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

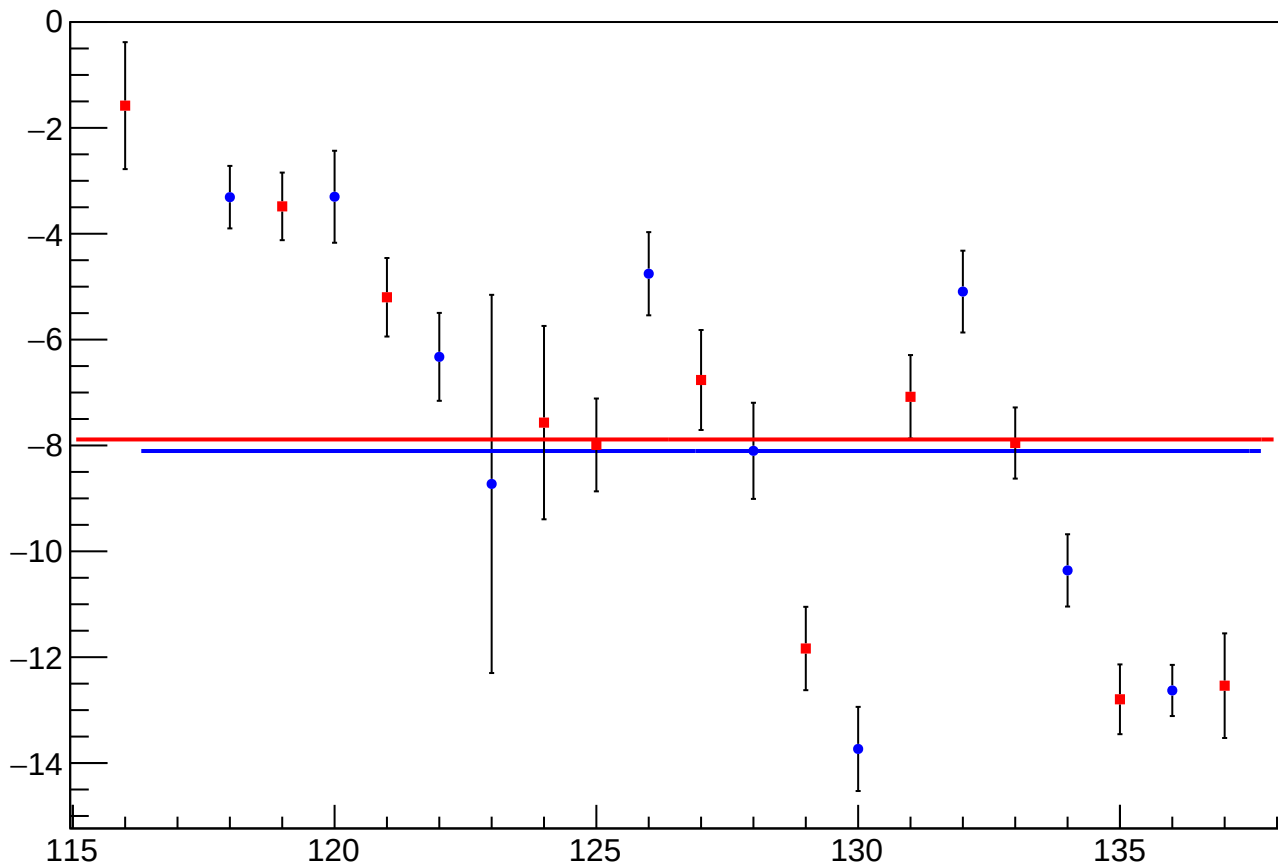
Right: -49.708 ± 0.291 χ^2/NDF : 83.1/20

In: -49.166 ± 0.403 χ^2/NDF : 41.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.708 ± 0.291 χ^2/NDF : 83.1/20

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.105 ± 0.234 χ^2/NDF : 283.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.887 ± 0.247 χ^2/NDF : 193.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

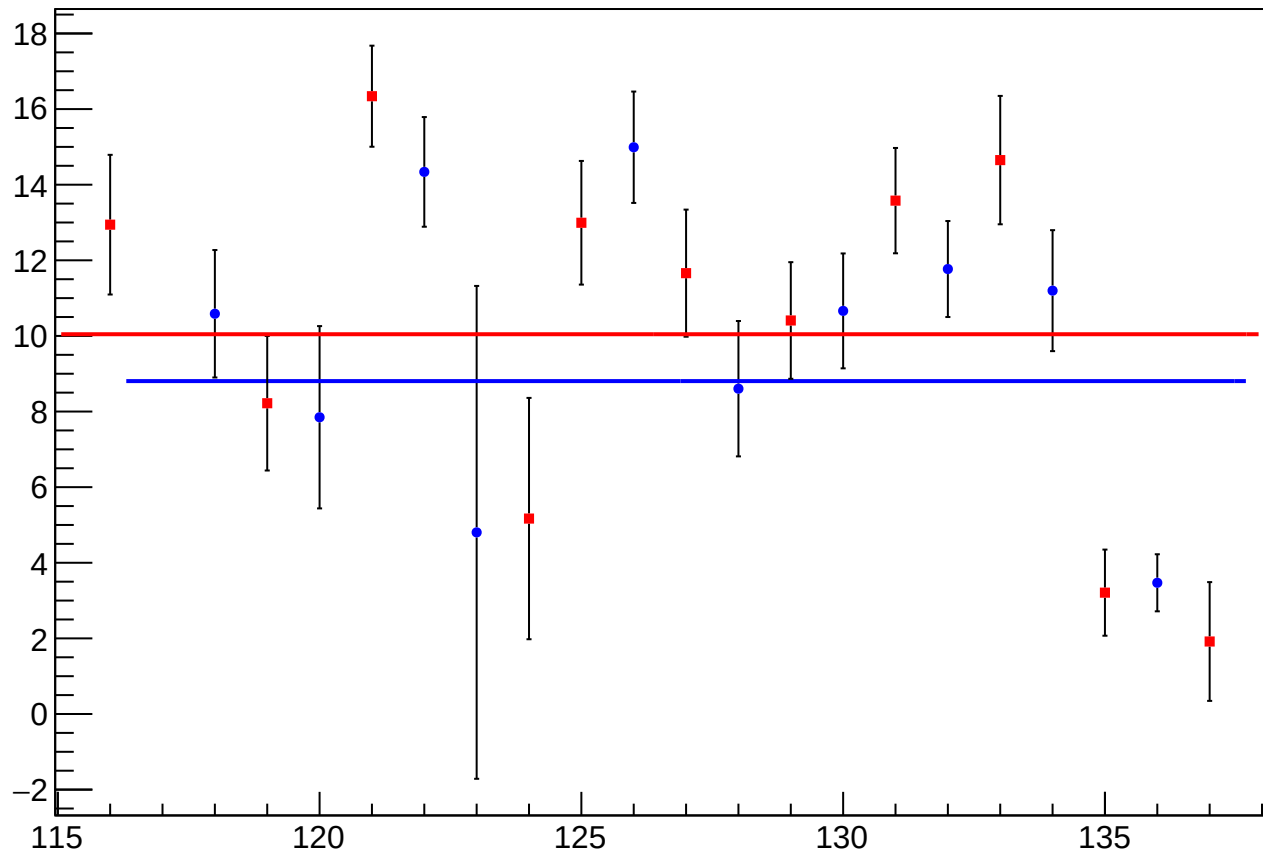
Right: -8.001 ± 0.170 χ^2/NDF : 477.3/20

In: -8.105 ± 0.234 χ^2/NDF : 283.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.001 ± 0.170 χ^2/NDF : 477.3/20

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.805+/-0.447 χ^2/NDF : 93.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.045+/-0.474 χ^2/NDF : 108.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

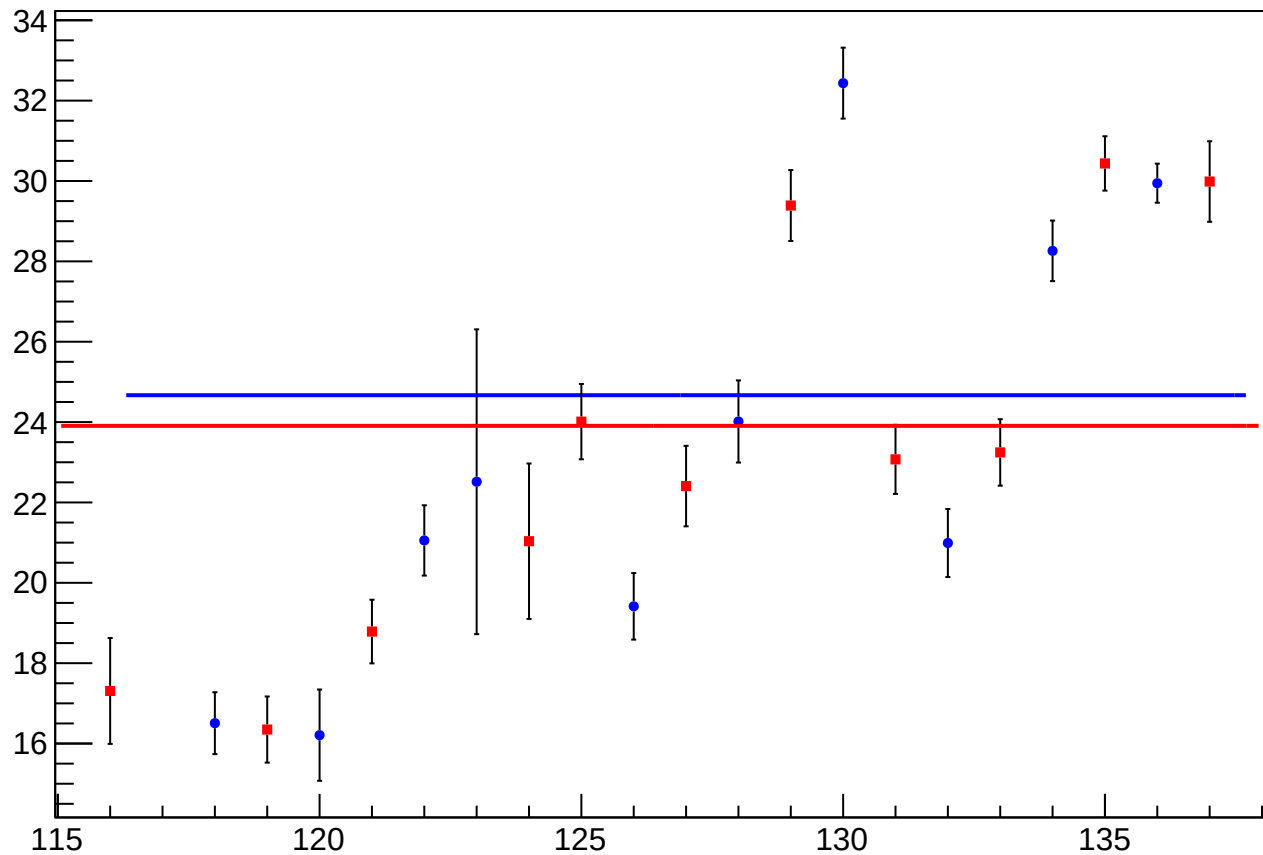
Right: 9.390+/-0.325 χ^2/NDF : 205.4/20

In: 8.805+/-0.447 χ^2/NDF : 93.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.390+/-0.325 χ^2/NDF : 205.4/20

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.669 $\pm$ 0.259 χ^2 /NDF: 462.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.906 $\pm$ 0.274 χ^2 /NDF: 325.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

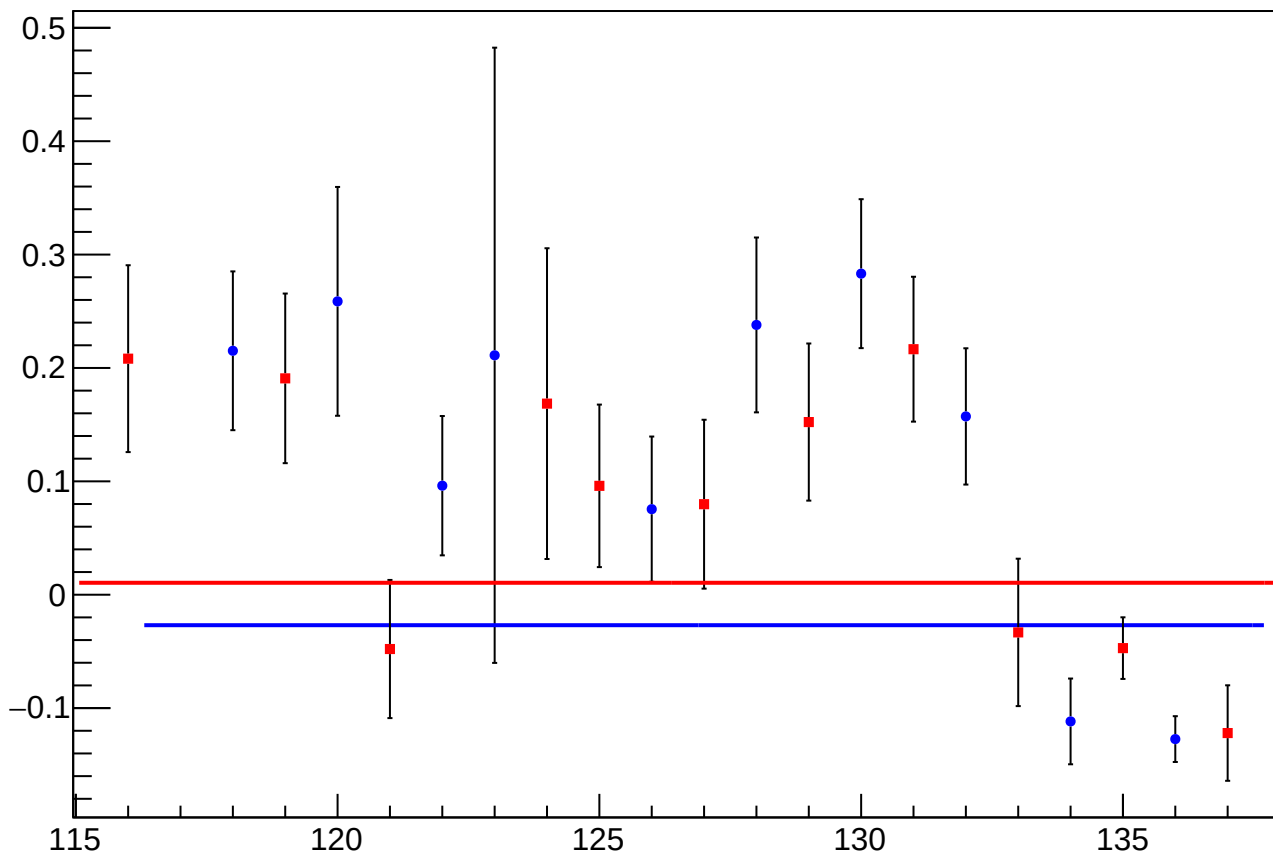
Right: 24.309 $\pm$ 0.188 χ^2 /NDF: 792.5/20

In: 24.669 $\pm$ 0.259 χ^2 /NDF: 462.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.309 $\pm$ 0.188 χ^2 /NDF: 792.5/20

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.015 χ^2 /NDF: 100.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.017 χ^2 /NDF: 45.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

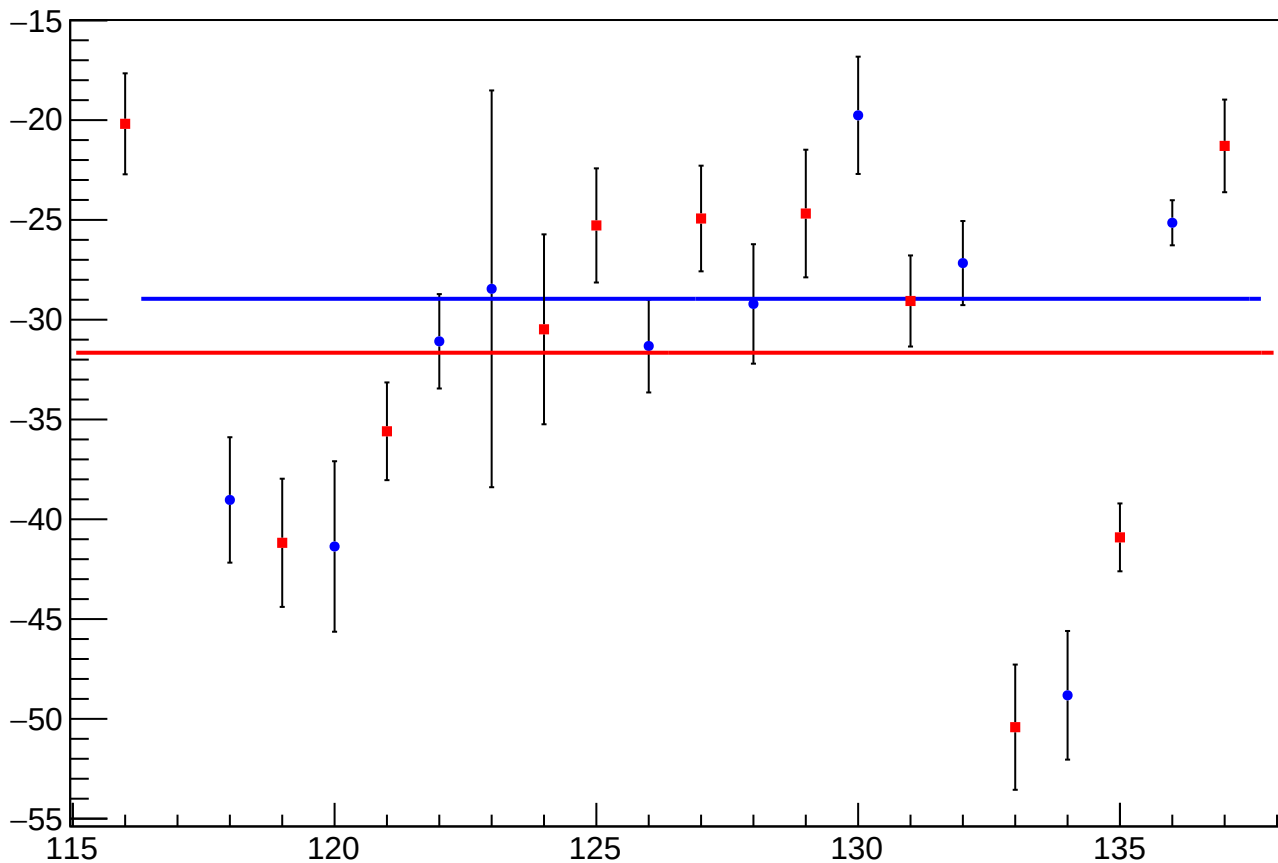
Right: -0.010 $\pm$ 0.011 χ^2 /NDF: 148.9/20

In: -0.027 $\pm$ 0.015 χ^2 /NDF:100.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 148.9/20

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -28.953 ± 0.733 χ^2/NDF : 80.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.655 ± 0.778 χ^2/NDF : 134.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

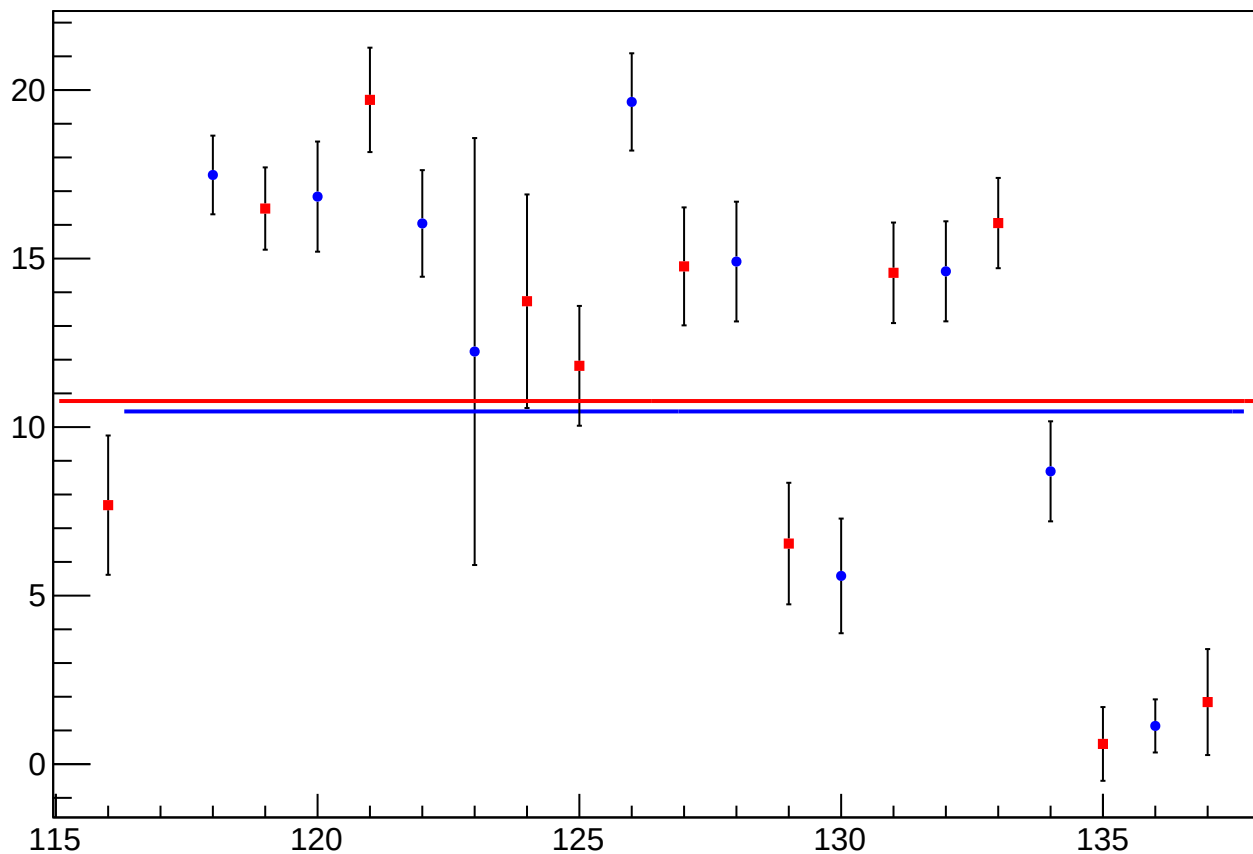
Right: -30.223 ± 0.533 χ^2/NDF : 221.6/20

In: -28.953 ± 0.733 χ^2/NDF : 80.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.223 ± 0.533 χ^2/NDF : 221.6/20

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.465+/-0.439 χ^2/NDF : 268.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.773+/-0.465 χ^2/NDF : 210.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

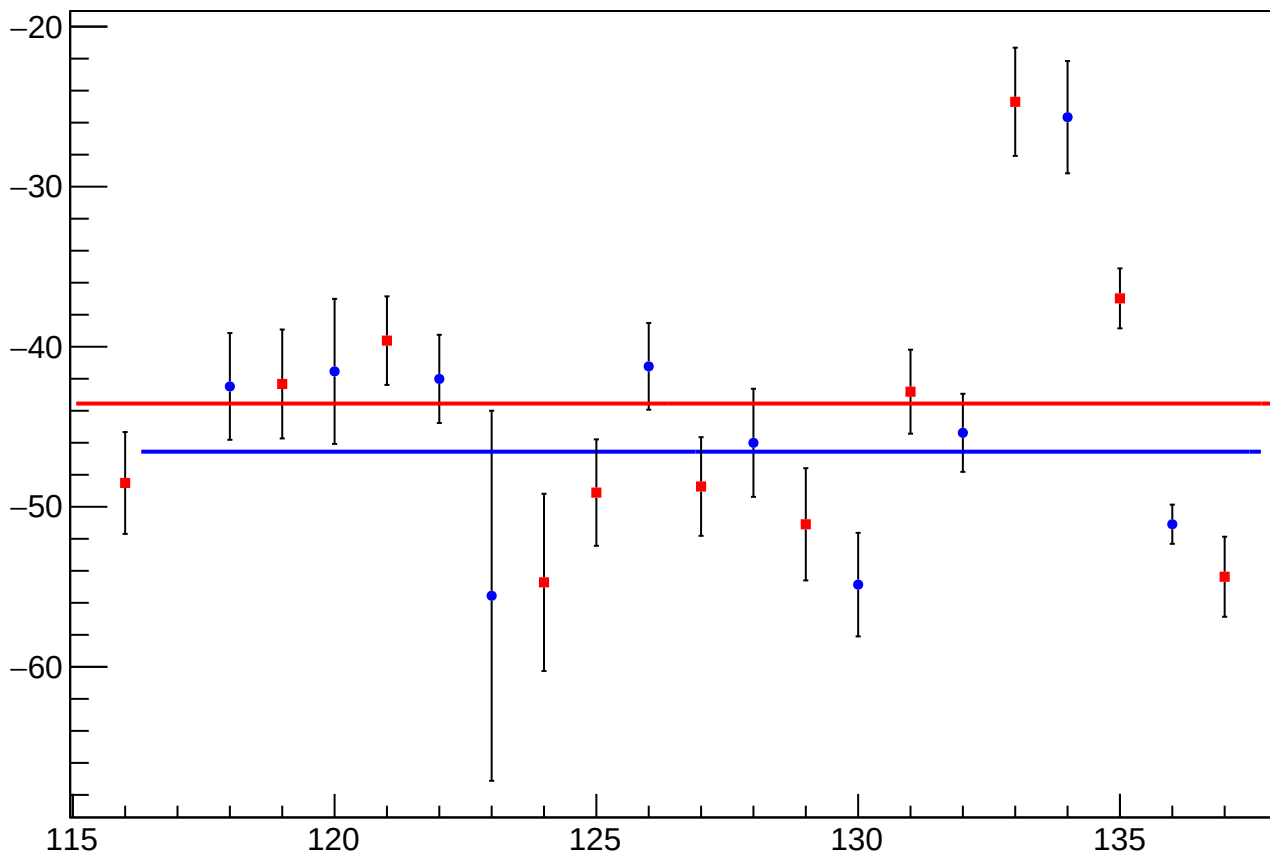
Right: 10.610+/-0.319 χ^2/NDF : 478.7/20

In: 10.465+/-0.439 χ^2/NDF : 268.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.610+/-0.319 χ^2/NDF : 478.7/20

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.557 ± 0.813 χ^2/NDF : 66.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.550 ± 0.876 χ^2/NDF : 81.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

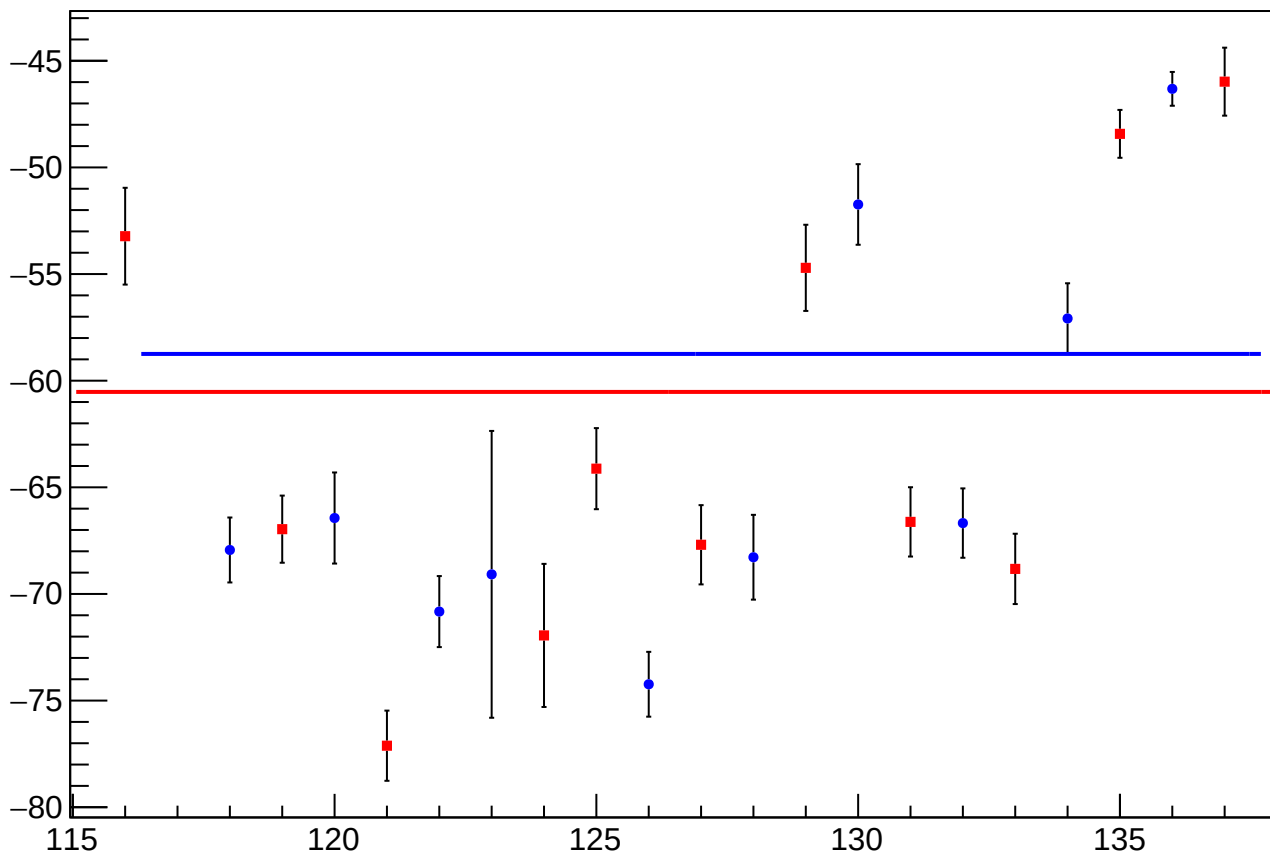
Right: -45.166 ± 0.596 χ^2/NDF : 153.4/20

In: -46.557 ± 0.813 χ^2/NDF : 66.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.166 ± 0.596 χ^2/NDF : 153.4/20

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.746+/-0.480 χ^2/NDF : 515.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.527+/-0.513 χ^2/NDF : 405.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

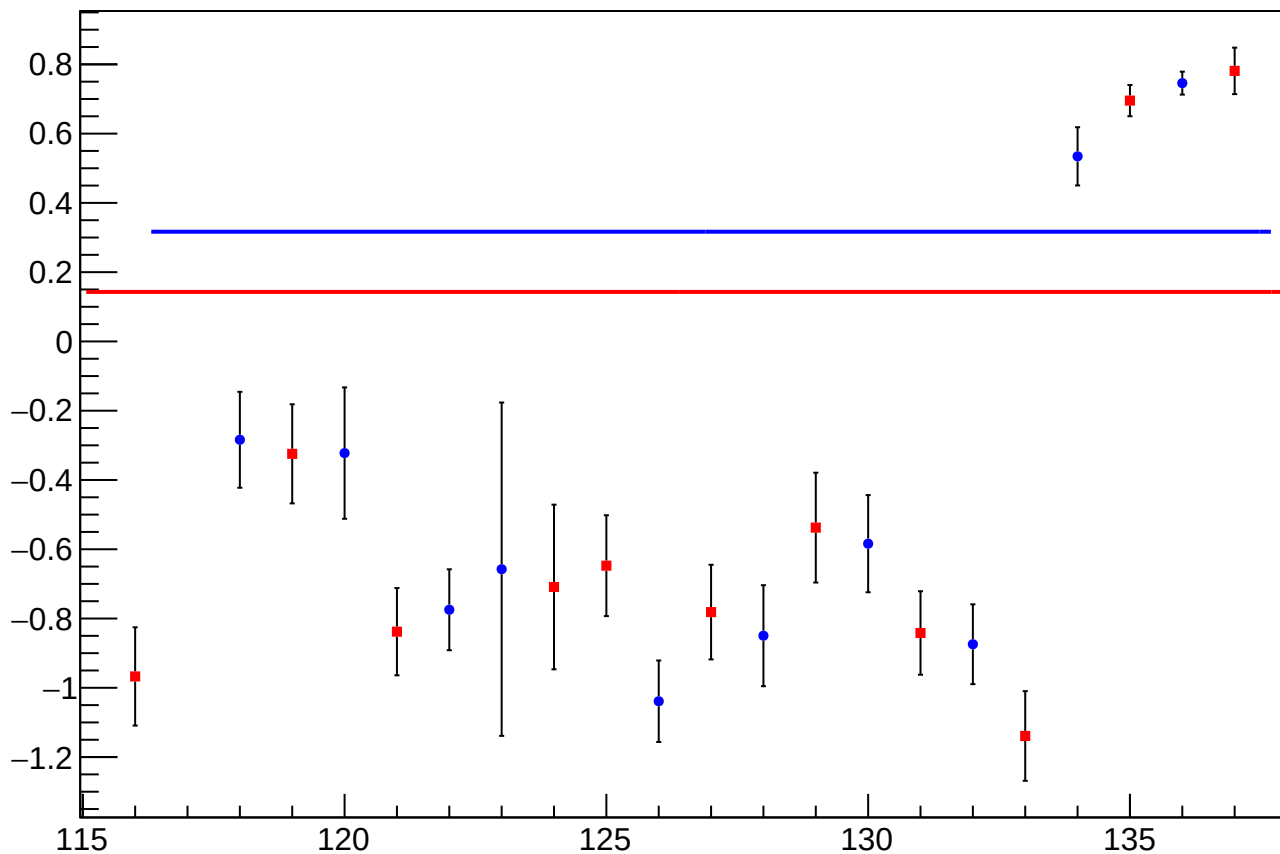
Right: -59.578+/-0.351 χ^2/NDF : 928.0/20

In: -58.746+/-0.480 χ^2/NDF : 515.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.578+/-0.351 χ^2/NDF : 928.0/20

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.317+/-0.026 χ^2/NDF : 640.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.143+/-0.029 χ^2/NDF : 644.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

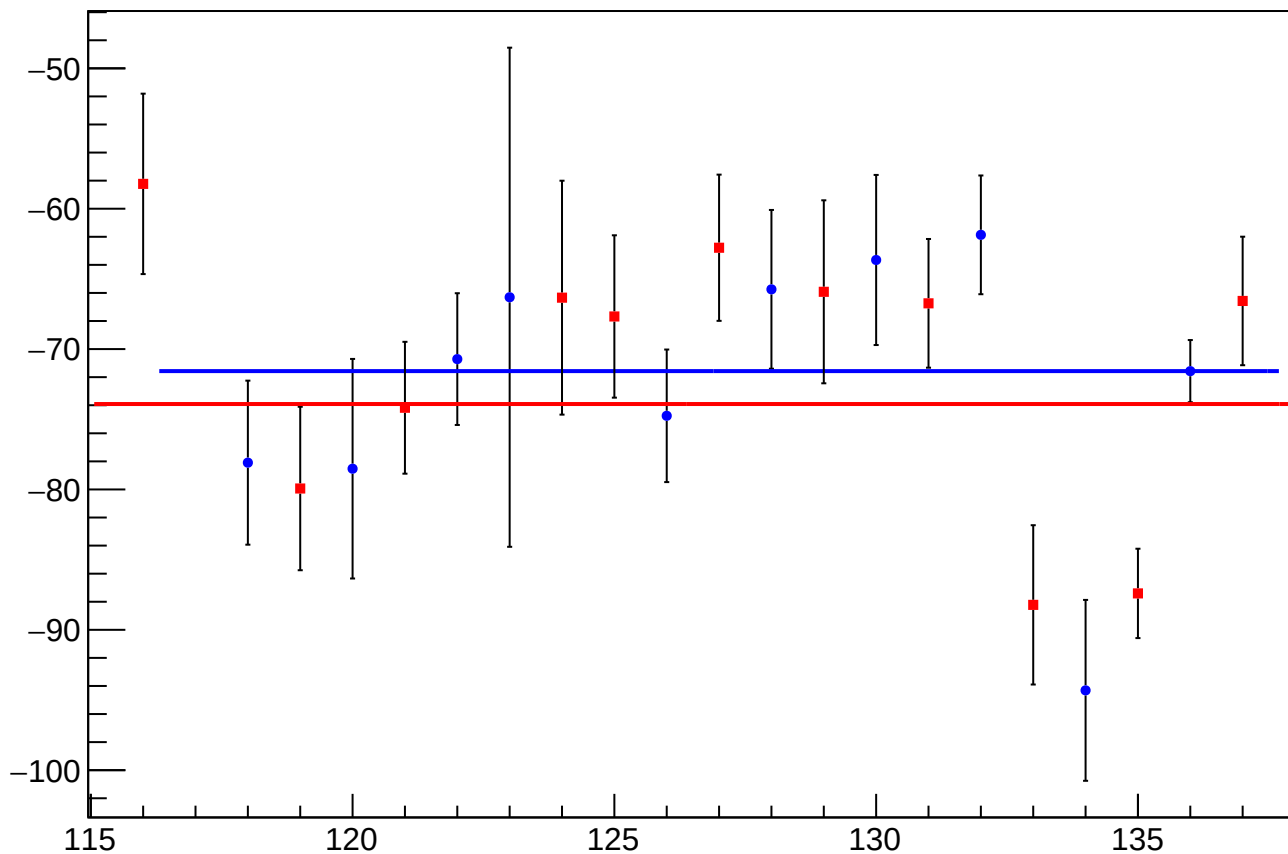
Right: 0.240+/-0.020 χ^2/NDF : 1304.3/20

In: 0.317+/-0.026 χ^2/NDF : 640.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.240+/-0.020 χ^2/NDF : 1304.3/20

reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -71.569+/-1.441 χ^2/NDF : 23.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.914+/-1.527 χ^2/NDF : 44.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

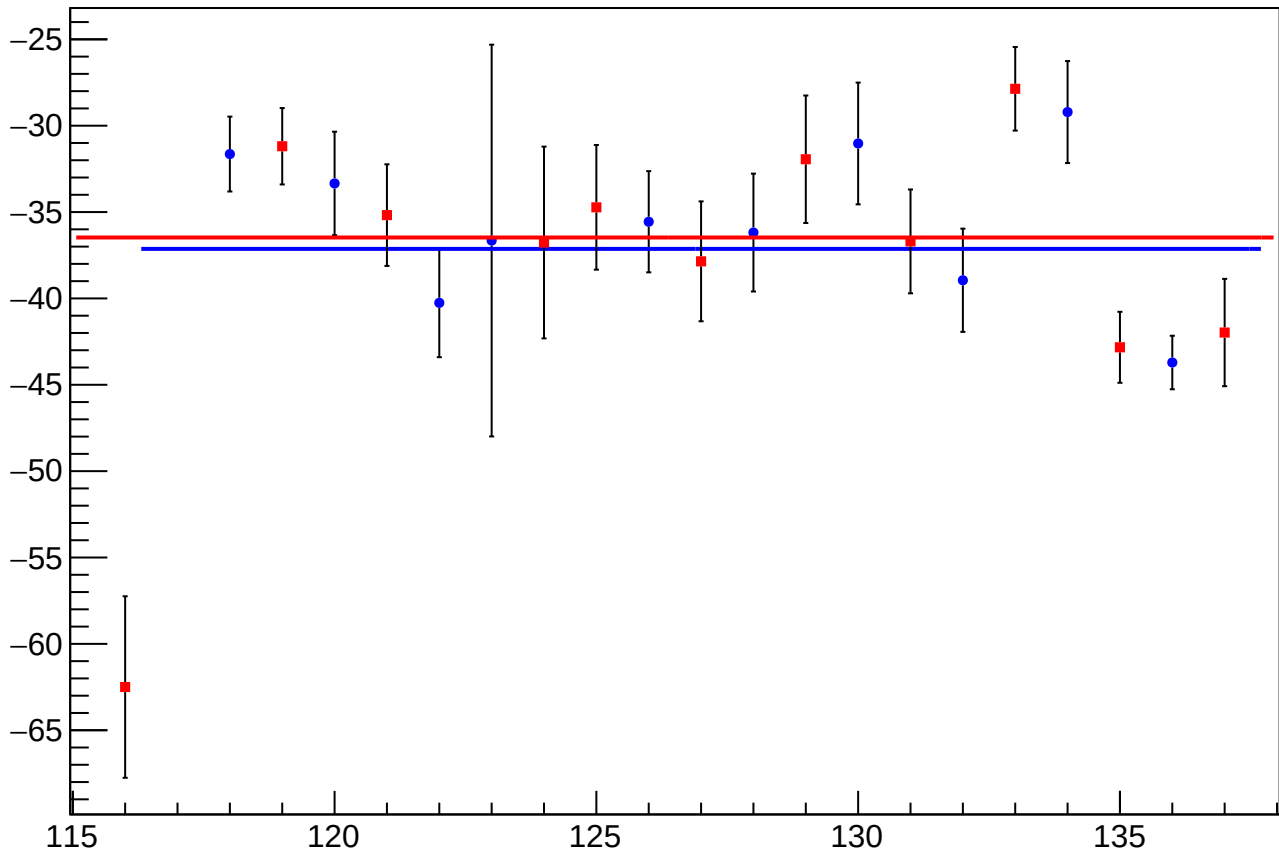
Right: -72.674+/-1.048 χ^2/NDF : 68.8/20

In: -71.569+/-1.441 χ^2/NDF : 23.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.674+/-1.048 χ^2/NDF : 68.8/20

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.132 ± 0.858 $\chi^2/\text{NDF}: 38.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.472 ± 0.897 $\chi^2/\text{NDF}: 57.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

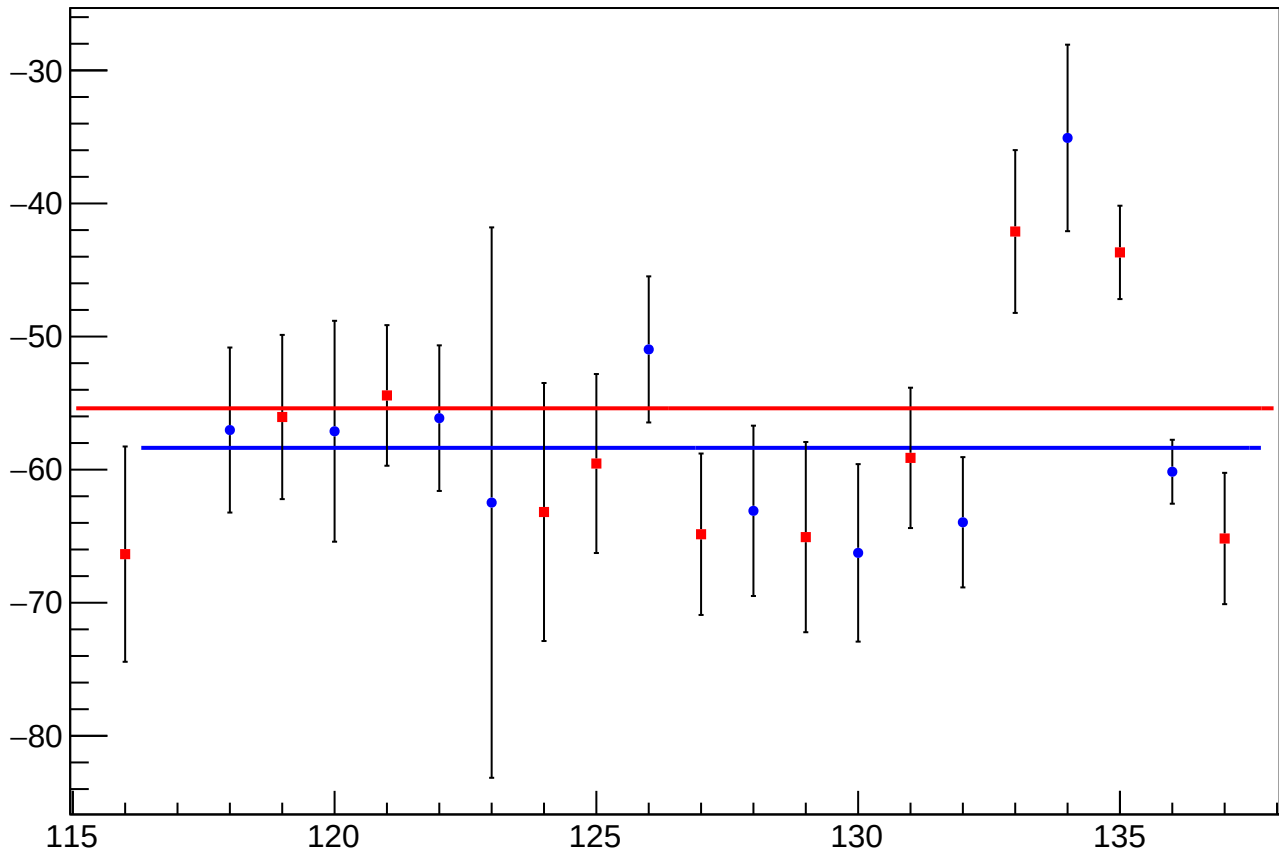
Right: -36.817 ± 0.620 $\chi^2/\text{NDF}: 95.9/20$

In: -37.132 ± 0.858 $\chi^2/\text{NDF}: 38.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.817 ± 0.620 $\chi^2/\text{NDF}: 95.9/20$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.362 ± 1.598 $\chi^2/\text{NDF}: 16.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -55.391 ± 1.710 $\chi^2/\text{NDF}: 27.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

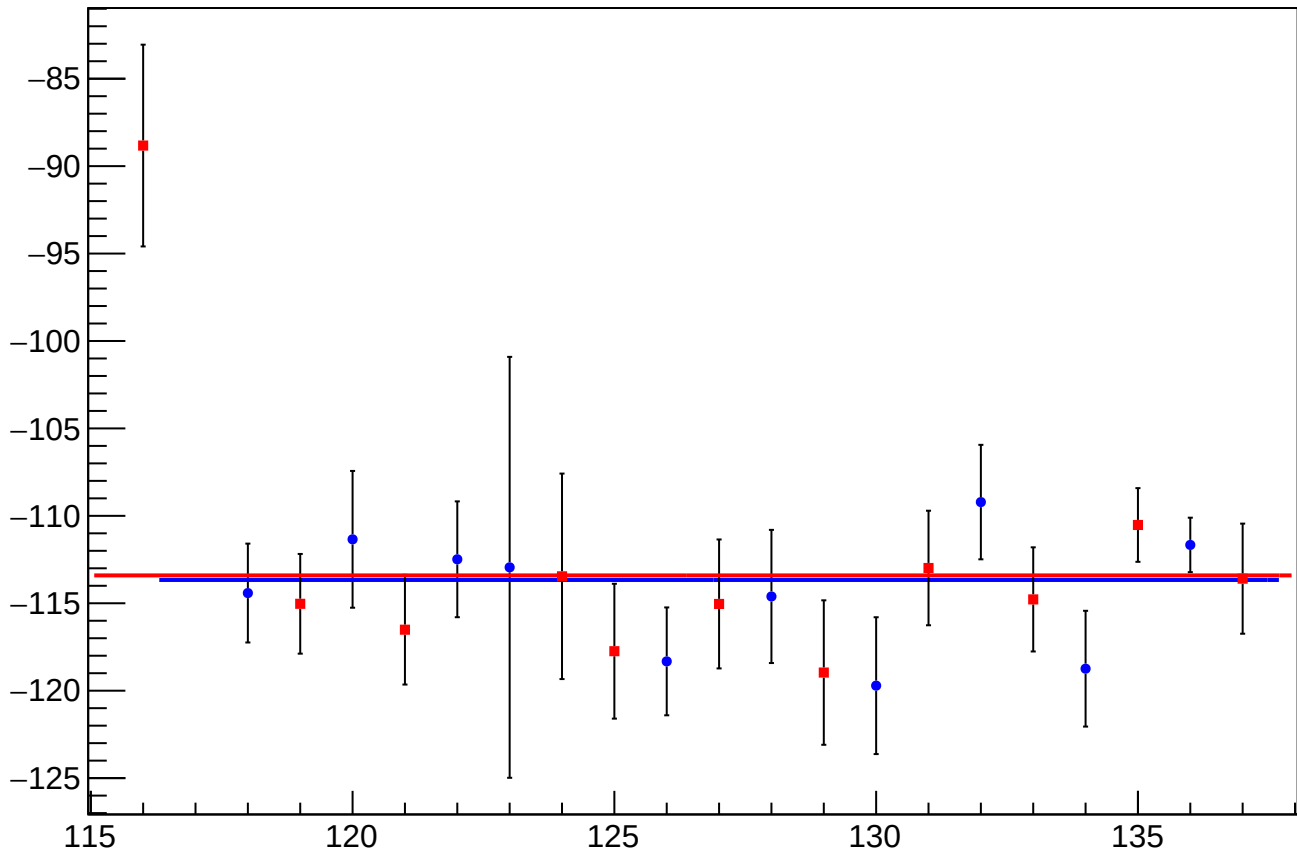
Right: -56.978 ± 1.167 $\chi^2/\text{NDF}: 46.0/20$

In: -58.362 ± 1.598 $\chi^2/\text{NDF}: 16.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -56.978 ± 1.167 $\chi^2/\text{NDF}: 46.0/20$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -113.667 ± 0.943 χ^2/NDF : 11.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -113.406 ± 0.993 χ^2/NDF : 24.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

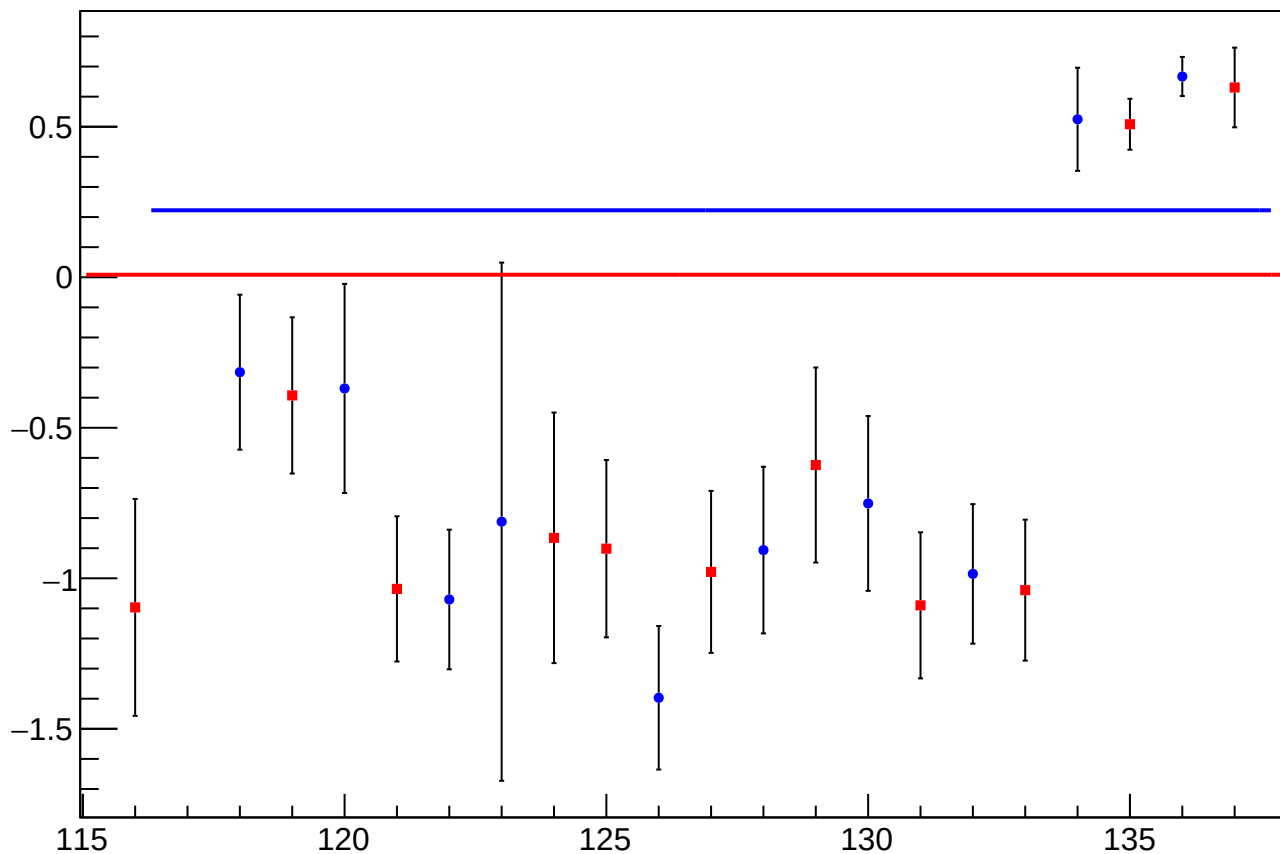
Right: -113.544 ± 0.684 χ^2/NDF : 36.0/20

In: -113.667 ± 0.943 χ^2/NDF : 11.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -113.544 ± 0.684 χ^2/NDF : 36.0/20

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.052 χ^2 /NDF: 190.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.057 χ^2 /NDF: 159.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

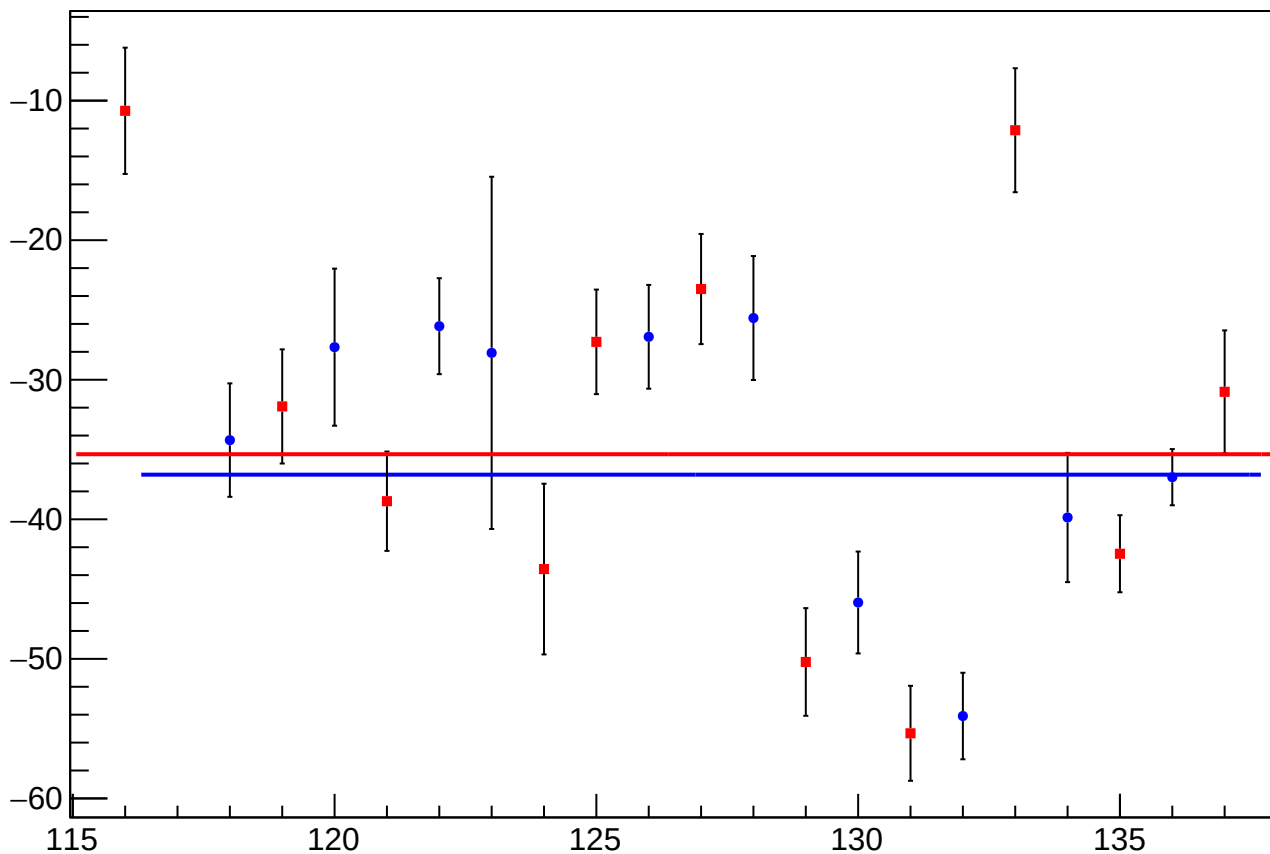
Right: 0.125 $\pm$ 0.038 χ^2 /NDF: 358.0/20

In: 0.222 $\pm$ 0.052 χ^2 /NDF:190.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.125 $\pm$ 0.038 χ^2 /NDF: 358.0/20

reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -36.801 $\pm$ 1.133 χ^2 /NDF: 64.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.337 $\pm$ 1.165 χ^2 /NDF: 131.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

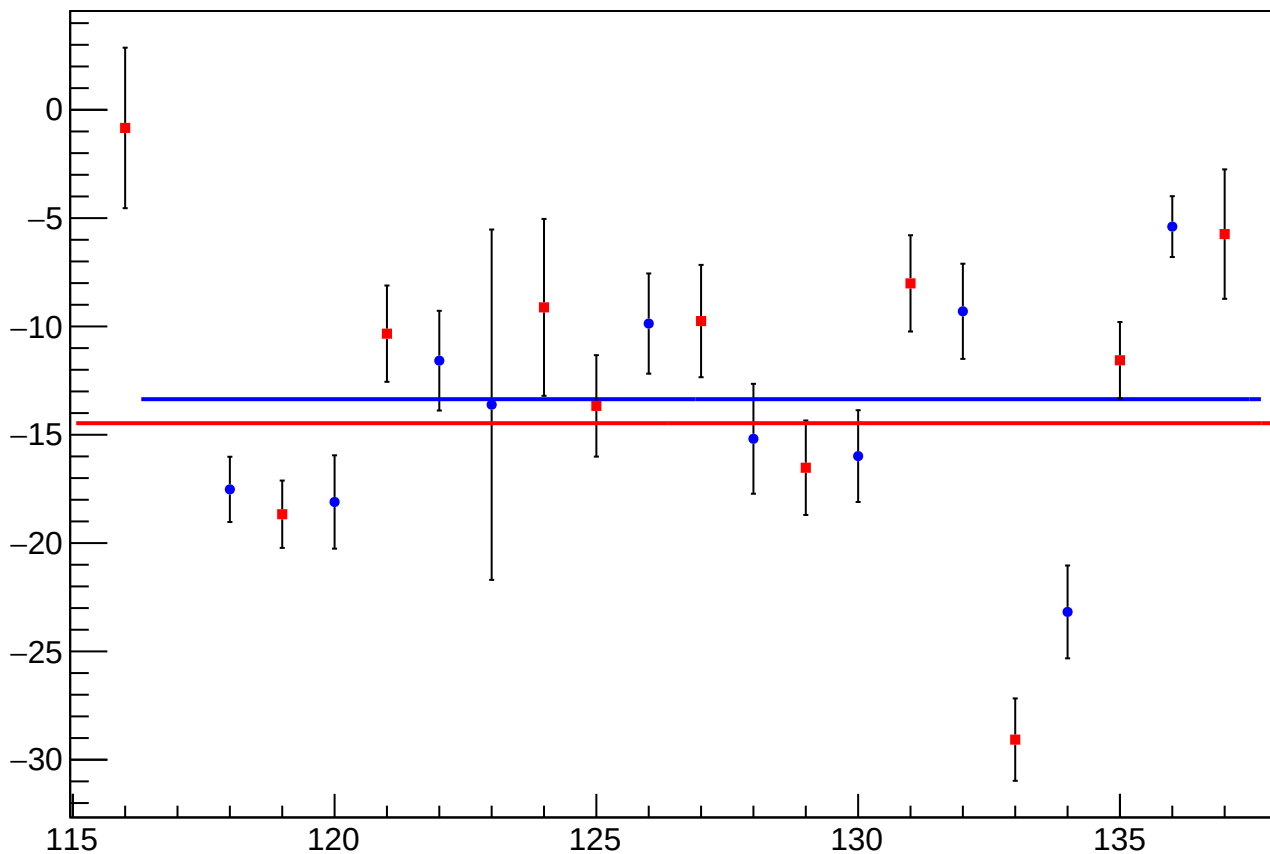
Right: -36.089 $\pm$ 0.812 χ^2 /NDF: 196.2/20

In: -36.801 $\pm$ 1.133 χ^2 /NDF:64.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.089 $\pm$ 0.812 χ^2 /NDF: 196.2/20

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.358 $\pm$ 0.651 χ^2 /NDF: 74.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.465 $\pm$ 0.674 χ^2 /NDF: 109.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

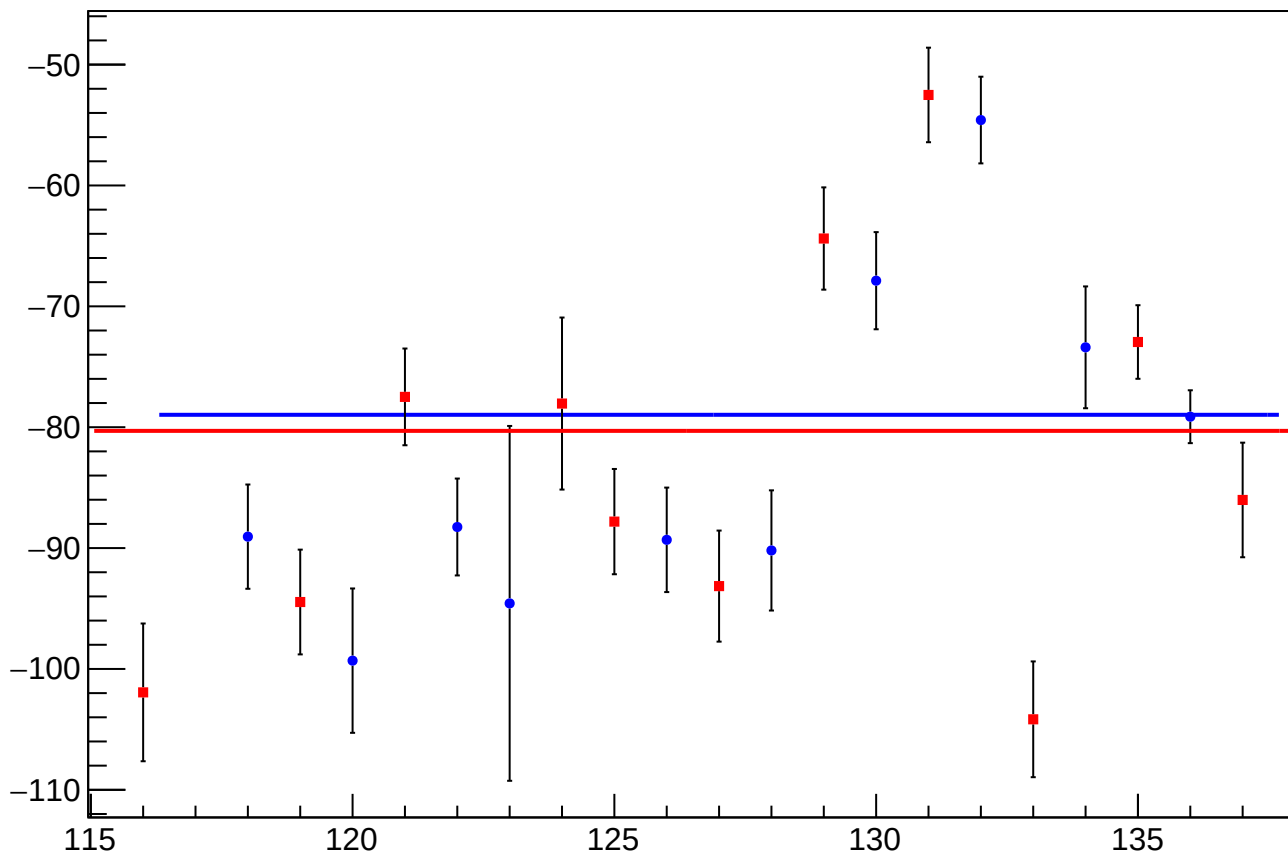
Right: -13.893 $\pm$ 0.468 χ^2 /NDF: 184.4/20

In: -13.358 $\pm$ 0.651 χ^2 /NDF:74.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.893 $\pm$ 0.468 χ^2 /NDF: 184.4/20

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -78.973+/-1.259 χ^2/NDF : 89.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.303+/-1.309 χ^2/NDF : 133.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

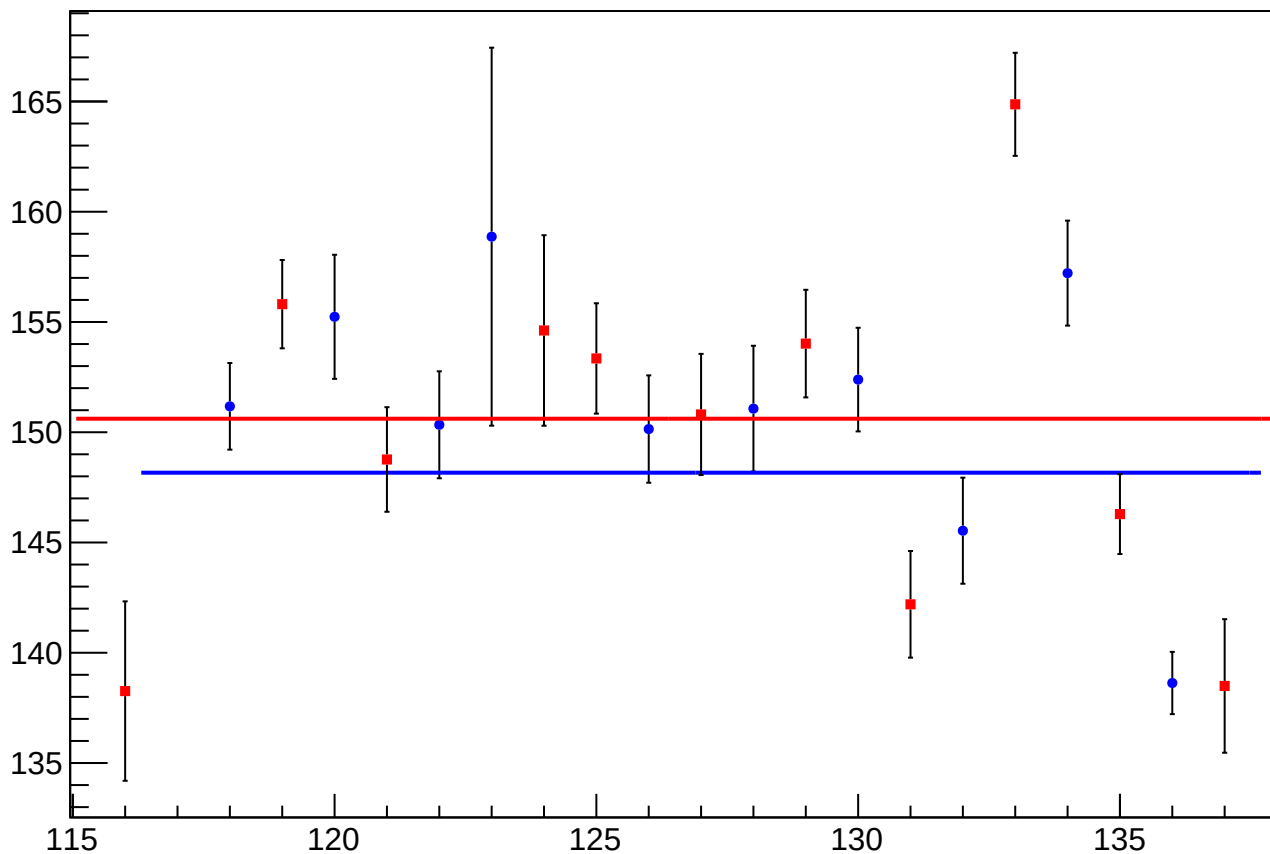
Right: -79.612+/-0.907 χ^2/NDF : 223.2/20

In: -78.973+/-1.259 χ^2/NDF : 89.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.612+/-0.907 χ^2/NDF : 223.2/20

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 148.166 $\pm$ 0.727 χ^2 /NDF: 77.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.613 $\pm$ 0.752 χ^2 /NDF: 91.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

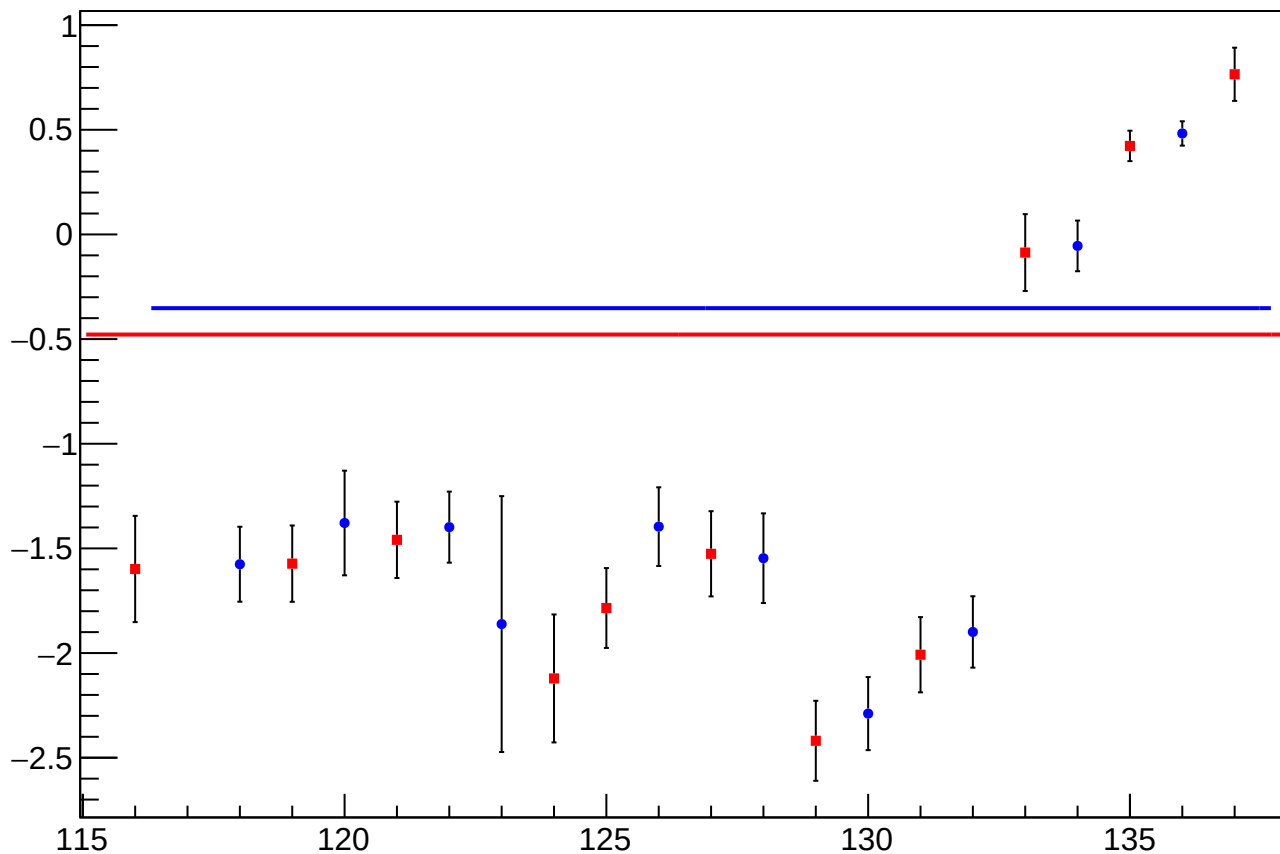
Right: 149.348 $\pm$ 0.523 χ^2 /NDF: 174.3/20

In: 148.166 $\pm$ 0.727 χ^2 /NDF:77.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.348 $\pm$ 0.523 χ^2 /NDF: 174.3/20

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.352 ± 0.042 $\chi^2/\text{NDF}: 587.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.478 ± 0.046 $\chi^2/\text{NDF}: 616.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

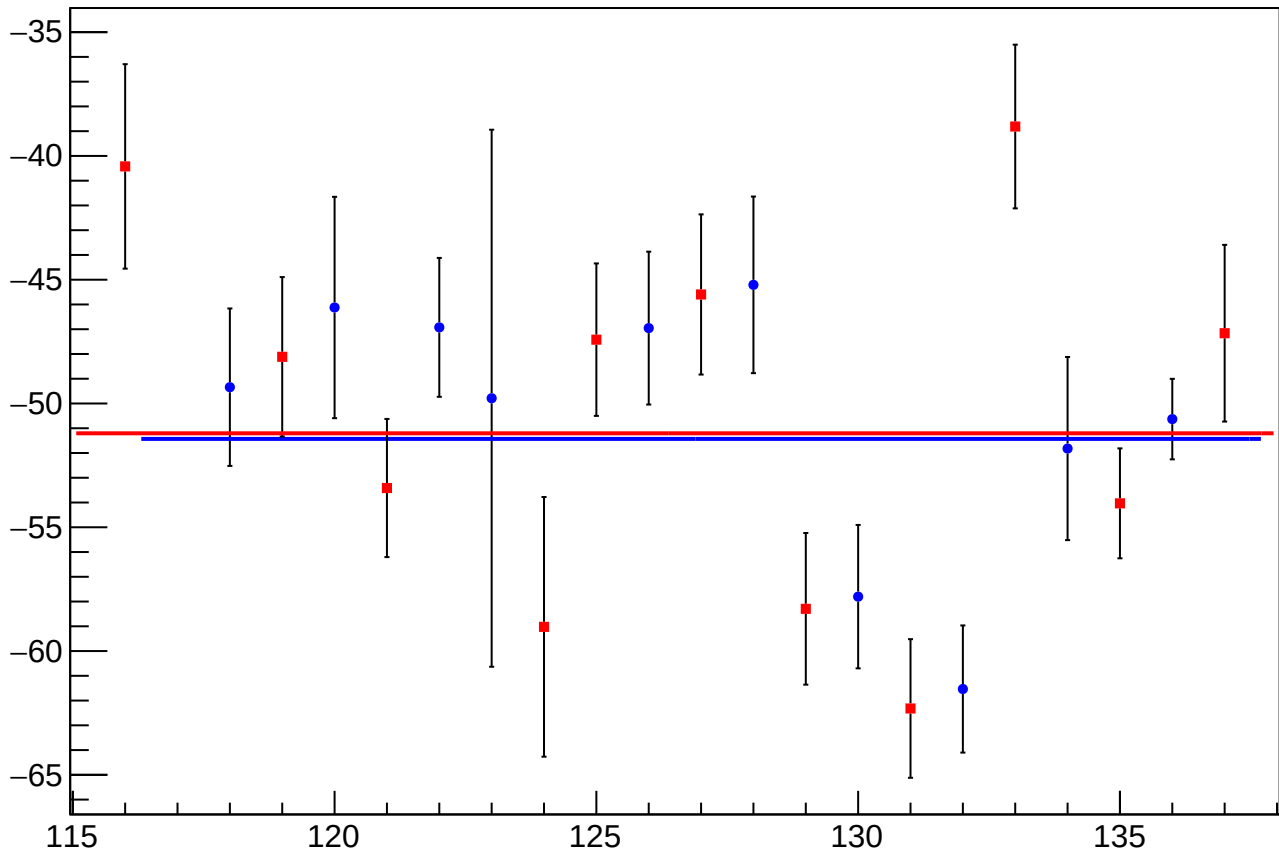
Right: -0.410 ± 0.031 $\chi^2/\text{NDF}: 1207.5/20$

In: -0.352 ± 0.042 $\chi^2/\text{NDF}: 587.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.410 ± 0.031 $\chi^2/\text{NDF}: 1207.5/20$

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -51.430 $\pm$ 0.917 χ^2 /NDF: 30.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -51.204 $\pm$ 0.942 χ^2 /NDF: 53.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

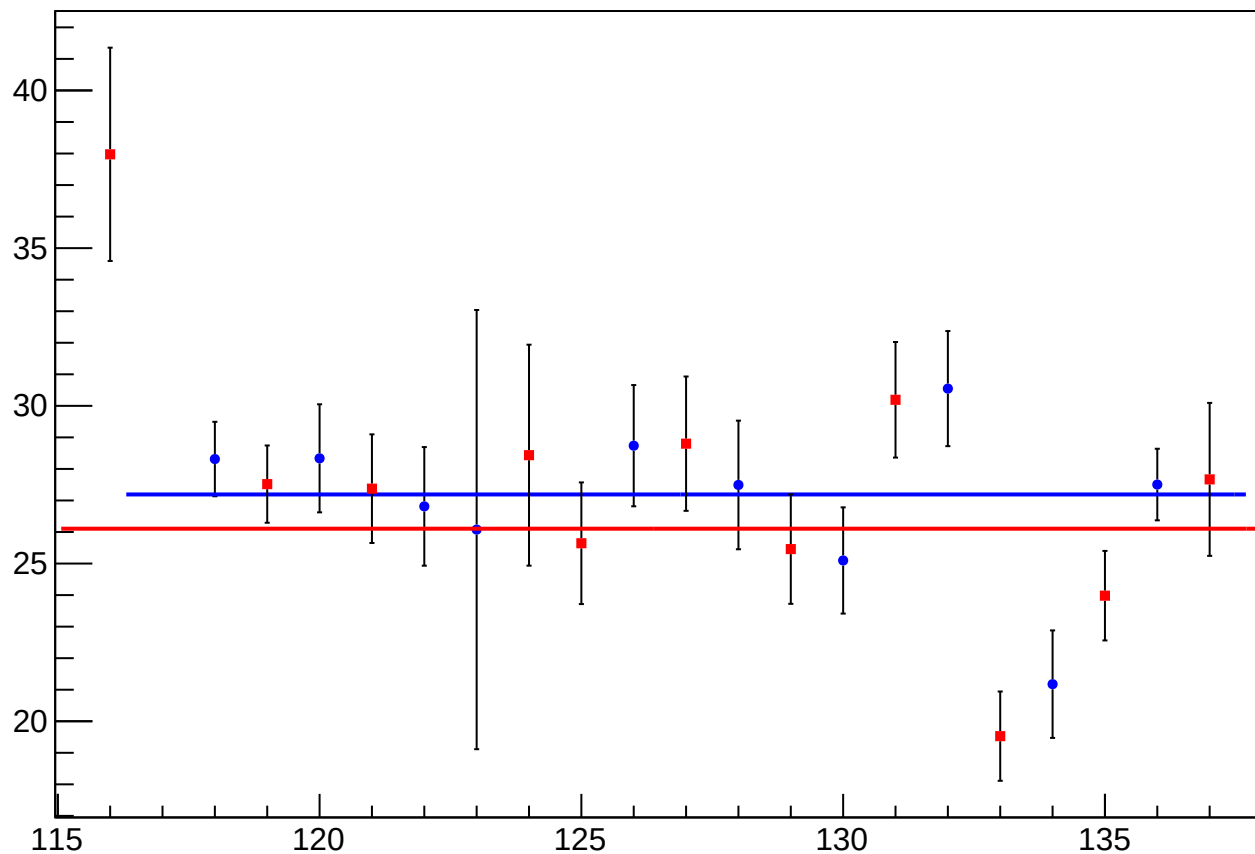
Right: -51.320 $\pm$ 0.657 χ^2 /NDF: 83.4/20

In: -51.430 $\pm$ 0.917 χ^2 /NDF:30.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.320 $\pm$ 0.657 χ^2 /NDF: 83.4/20

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.191 $\pm$ 0.524 χ^2 /NDF: 19.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.105 $\pm$ 0.538 χ^2 /NDF: 45.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

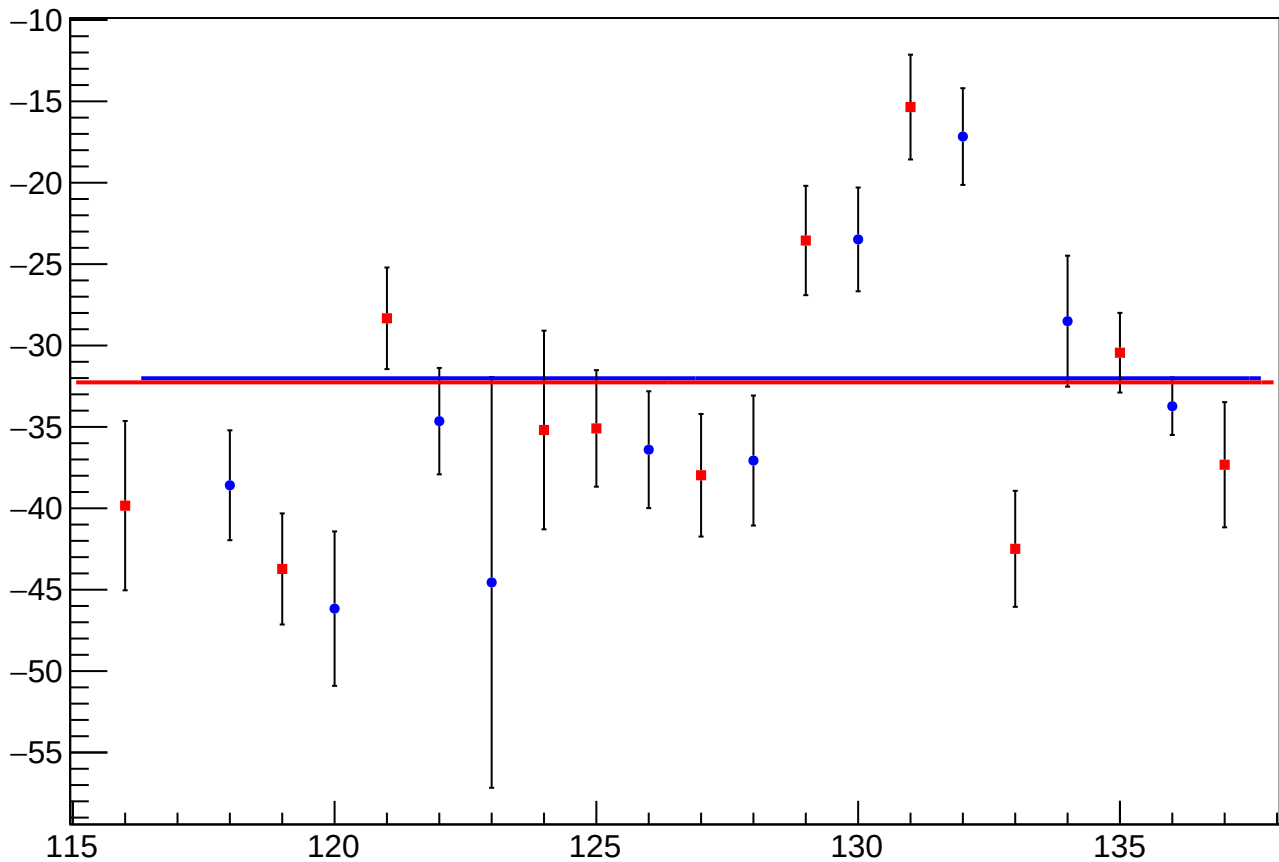
Right: 26.662 $\pm$ 0.375 χ^2 /NDF: 67.3/20

In: 27.191 $\pm$ 0.524 χ^2 /NDF:19.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.662 $\pm$ 0.375 χ^2 /NDF: 67.3/20

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.011 $\pm$ 1.017 χ^2 /NDF: 51.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.264 $\pm$ 1.054 χ^2 /NDF: 63.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

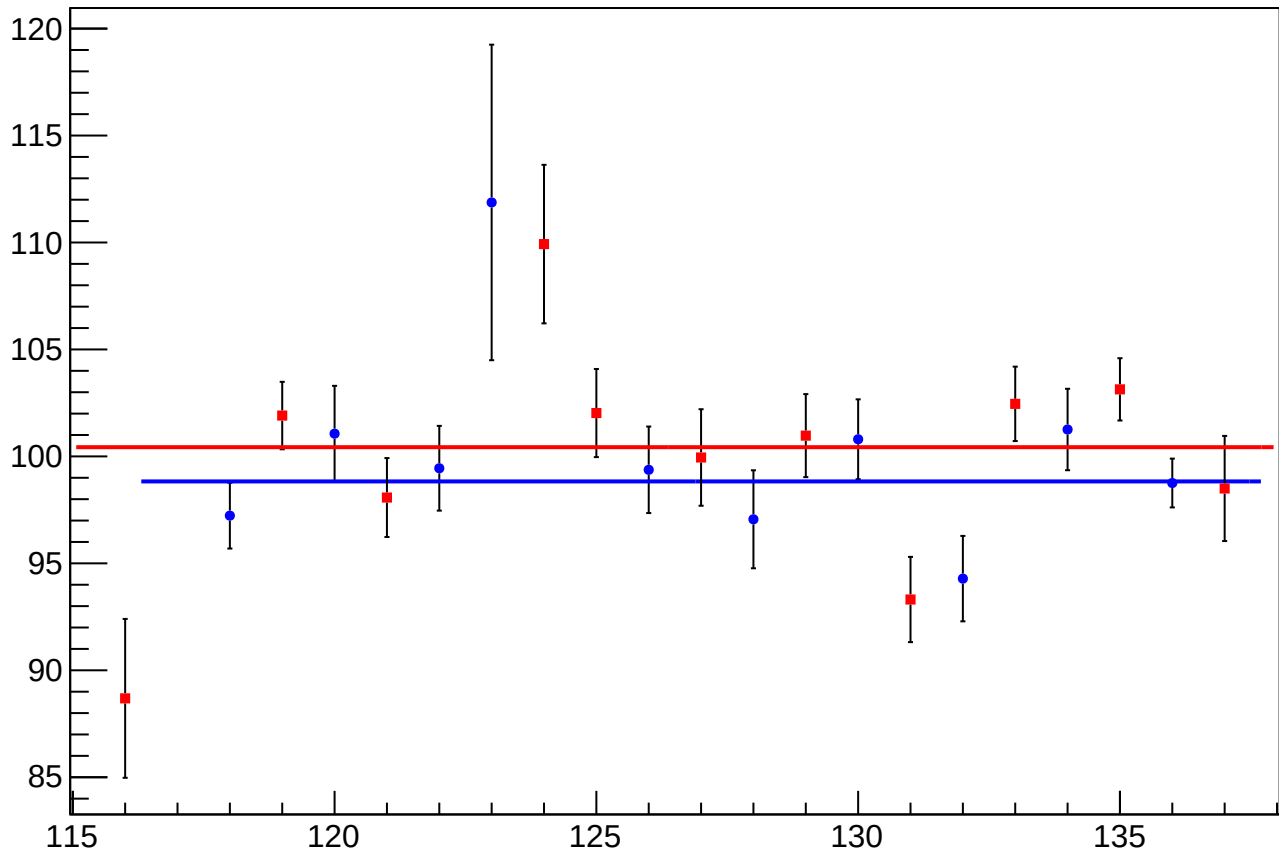
Right: -32.133 $\pm$ 0.732 χ^2 /NDF: 114.3/20

In: -32.011 $\pm$ 1.017 χ^2 /NDF:51.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.133 $\pm$ 0.732 χ^2 /NDF: 114.3/20

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.830+/-0.586 χ^2/NDF : 13.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.431+/-0.602 χ^2/NDF : 38.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

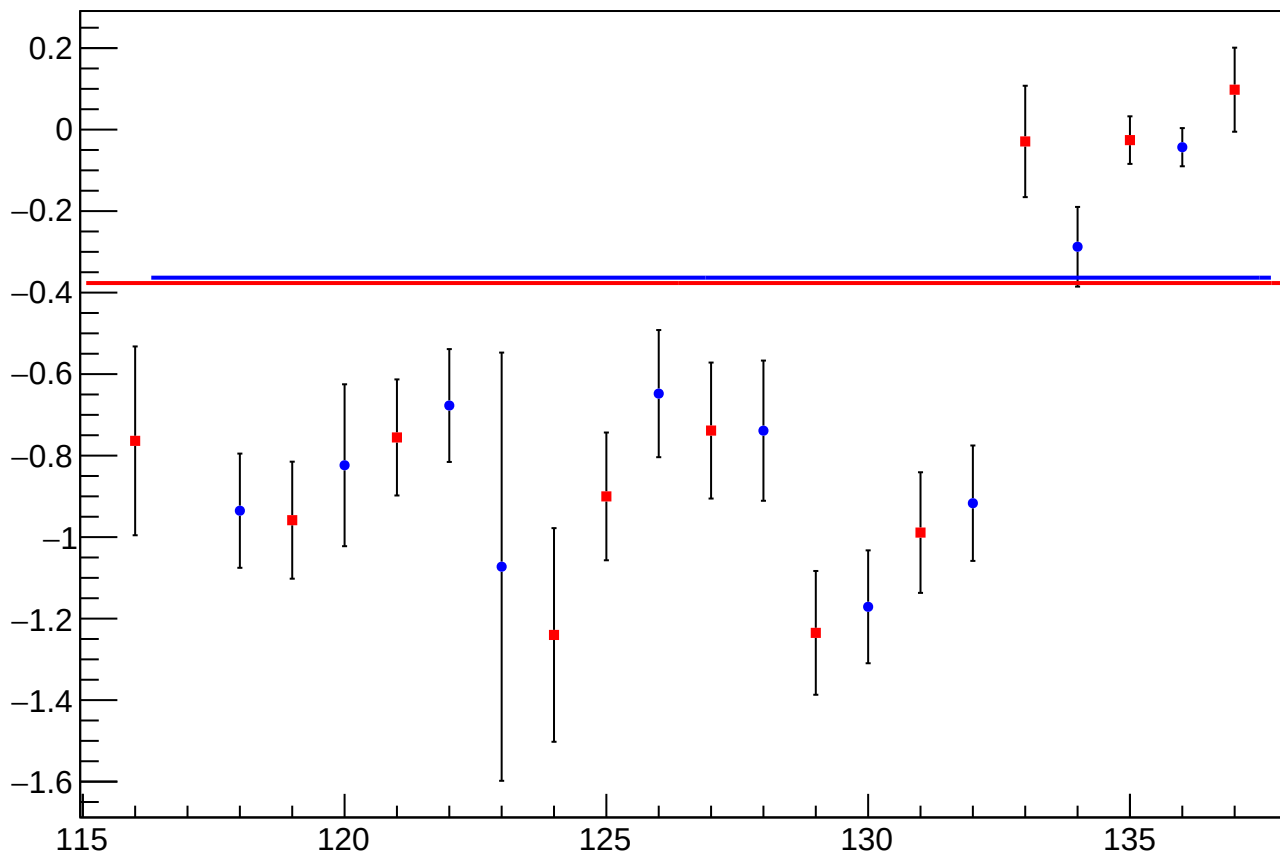
Right: 99.608+/-0.420 χ^2/NDF : 55.5/20

In: 98.830+/-0.586 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.608+/-0.420 χ^2/NDF : 55.5/20

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.363+/-0.034 χ^2 /NDF: 133.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.377+/-0.037 χ^2 /NDF: 165.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

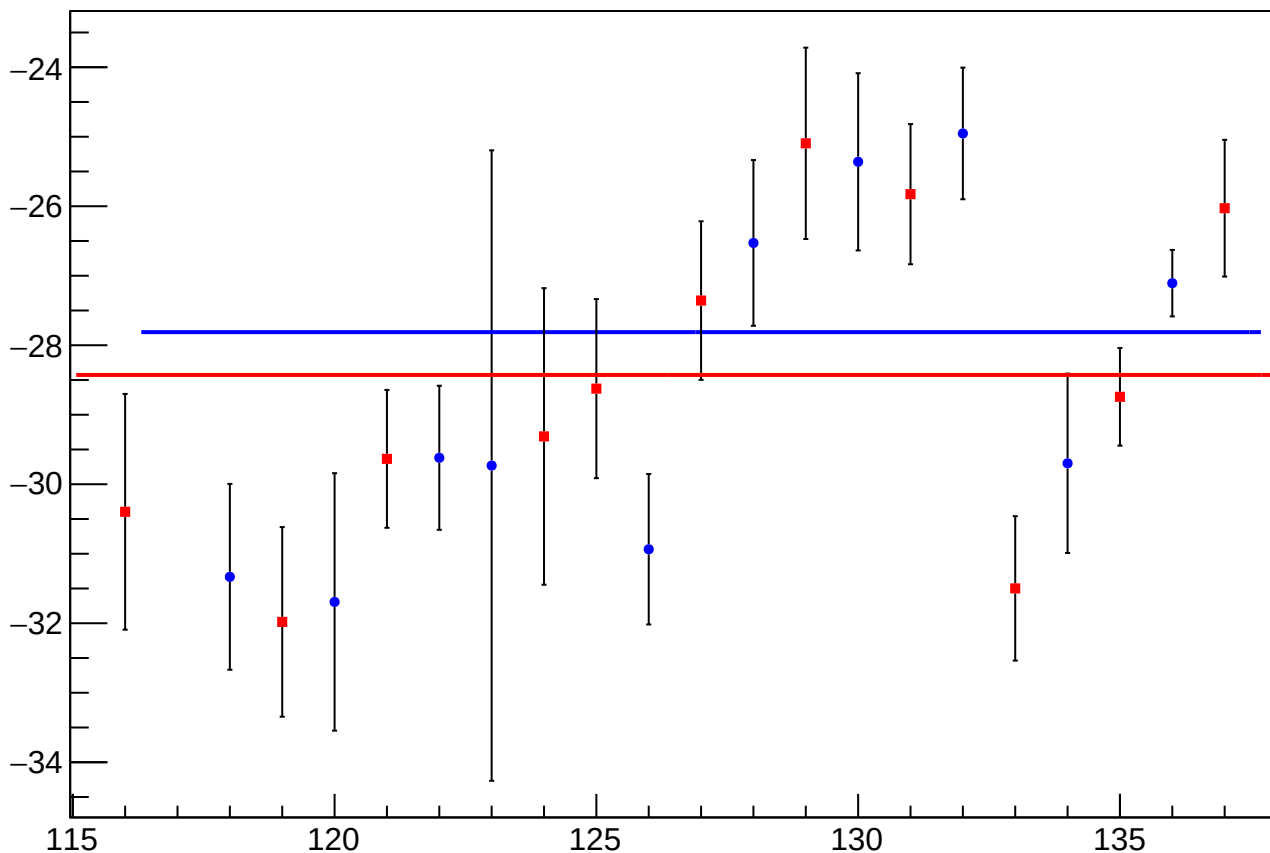
Right: -0.369+/-0.025 χ^2 /NDF: 299.5/20

In: -0.363+/-0.034 χ^2 /NDF:133.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.369+/-0.025 χ^2 /NDF: 299.5/20

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -27.812 $\pm$ 0.315 χ^2 /NDF: 41.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.427 $\pm$ 0.334 χ^2 /NDF: 38.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

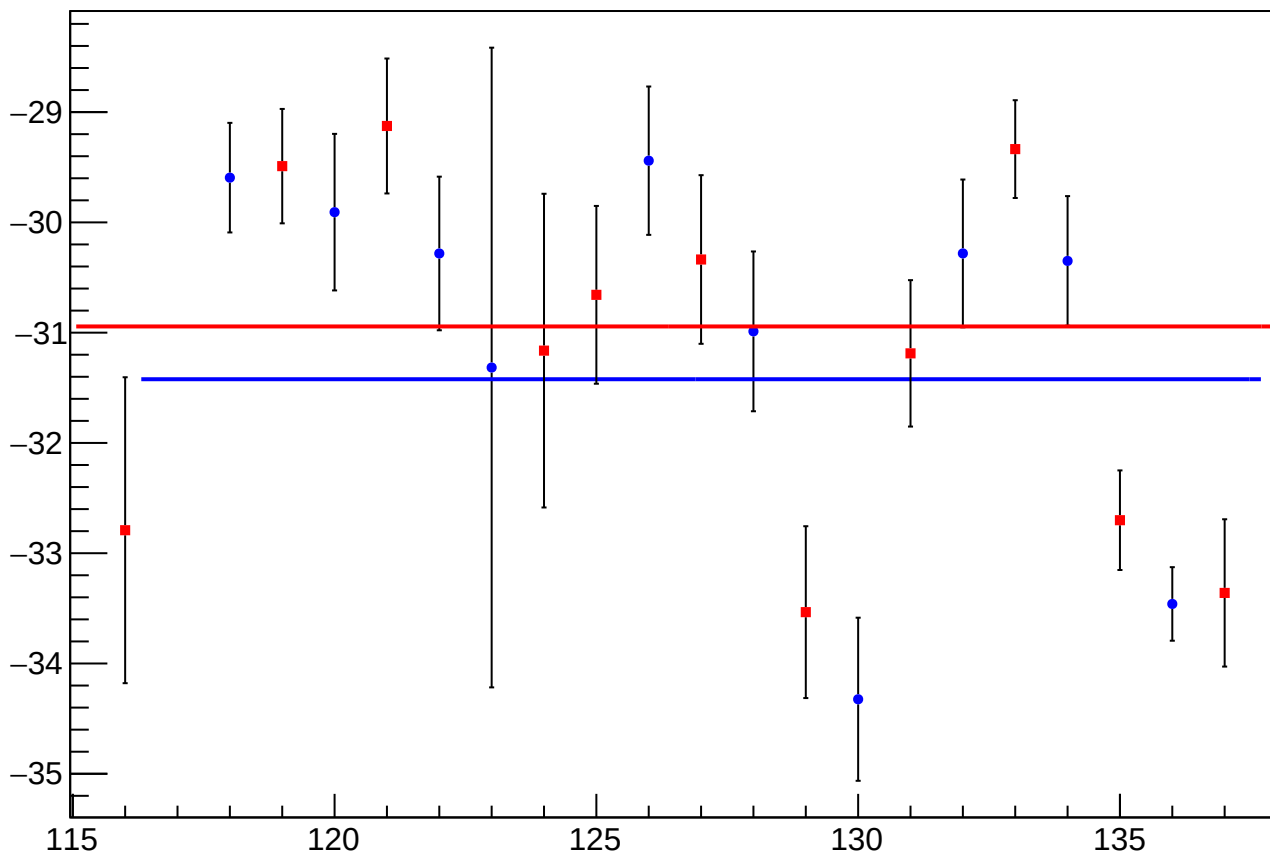
Right: -28.102 $\pm$ 0.229 χ^2 /NDF: 81.0/20

In: -27.812 $\pm$ 0.315 χ^2 /NDF:41.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.102 $\pm$ 0.229 χ^2 /NDF: 81.0/20

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -31.422 $\pm$ 0.188 χ^2 /NDF: 88.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.944 $\pm$ 0.193 χ^2 /NDF: 71.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

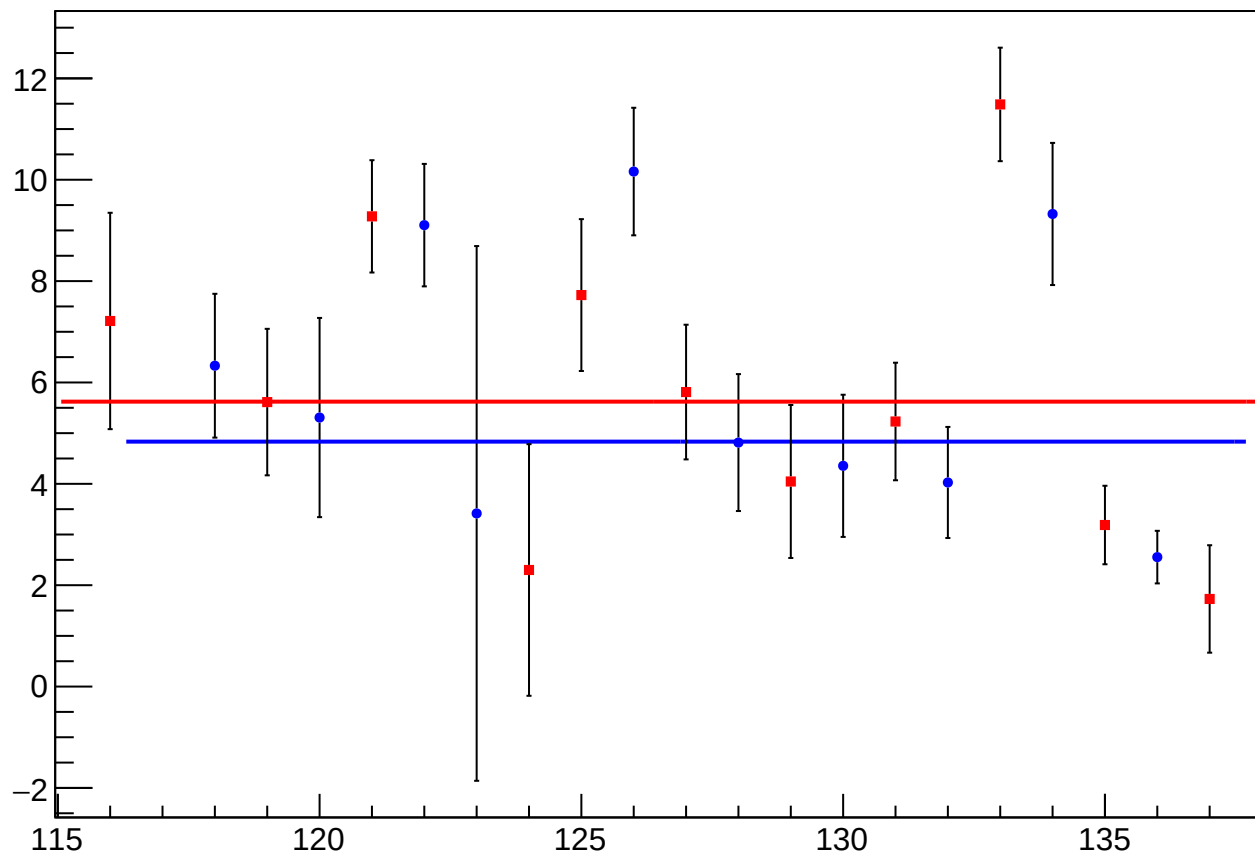
Right: -31.189 $\pm$ 0.135 χ^2 /NDF: 163.7/20

In: -31.422 $\pm$ 0.188 χ^2 /NDF:88.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.189 $\pm$ 0.135 χ^2 /NDF: 163.7/20

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.833+/-0.349 χ^2/NDF : 61.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.622+/-0.372 χ^2/NDF : 67.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

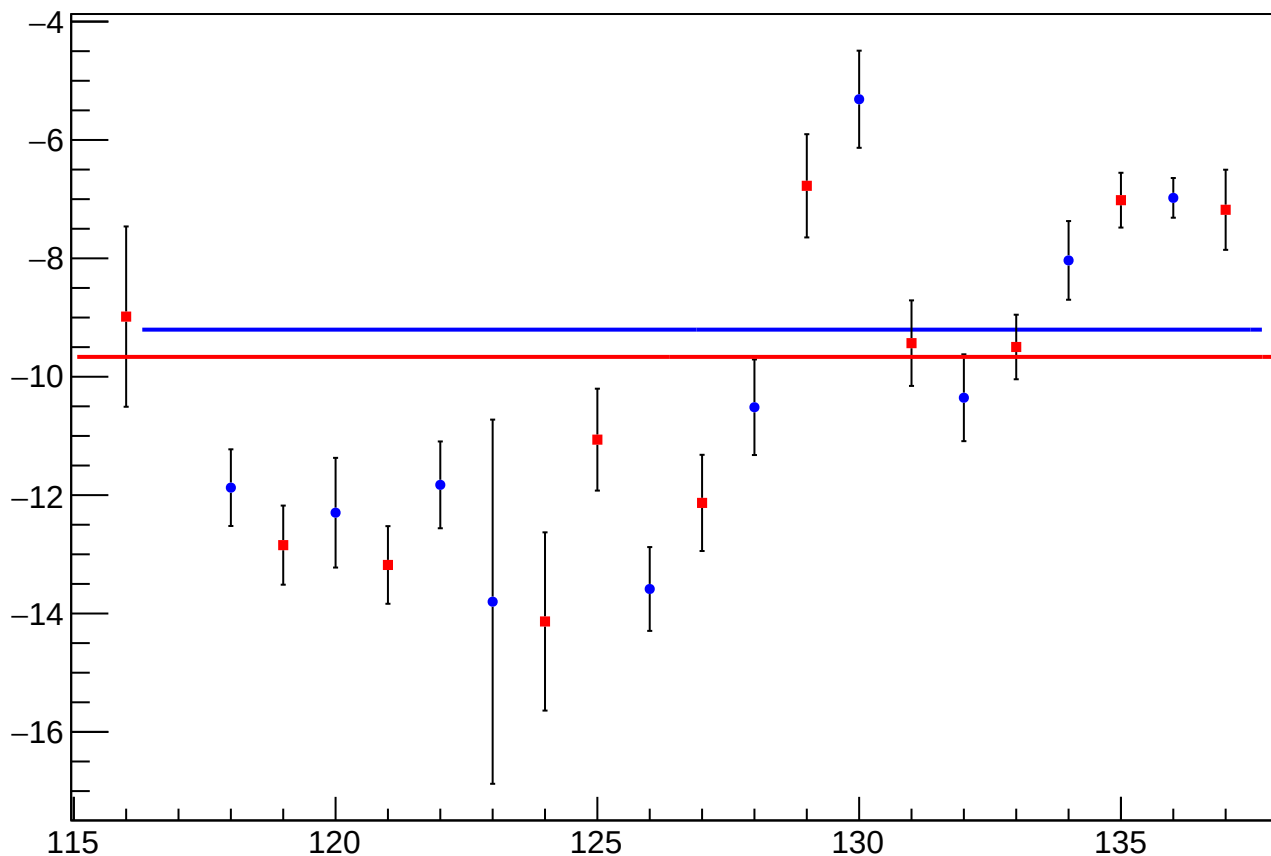
Right: 5.202+/-0.254 χ^2/NDF : 131.5/20

In: 4.833+/-0.349 χ^2/NDF : 61.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.202+/-0.254 χ^2/NDF : 131.5/20

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.204+/-0.206 χ^2/NDF : 156.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.665+/-0.214 χ^2/NDF : 129.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

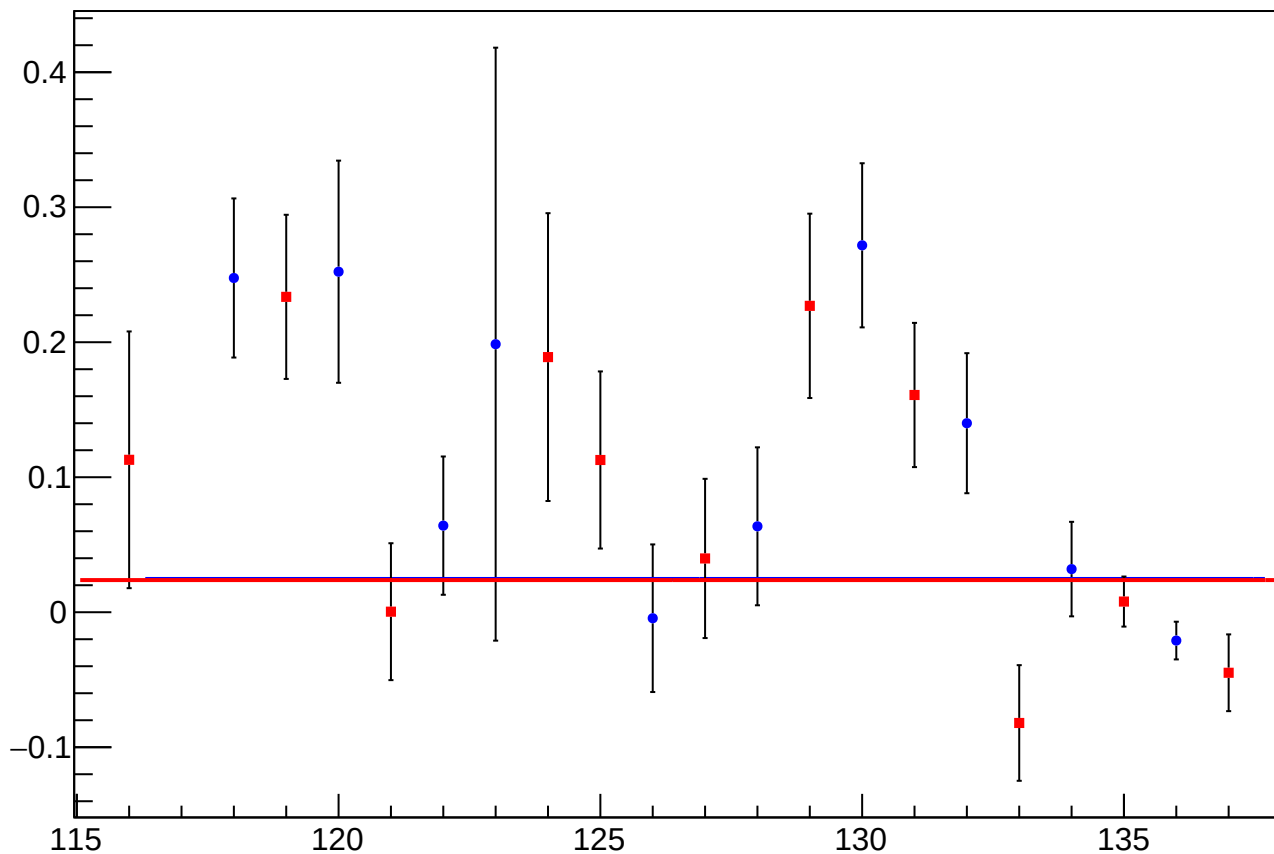
Right: -9.425+/-0.149 χ^2/NDF : 288.2/20

In: -9.204+/-0.206 χ^2/NDF : 156.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.425+/-0.149 χ^2/NDF : 288.2/20

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.025+/-0.011 χ^2/NDF : 56.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.012 χ^2/NDF : 45.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

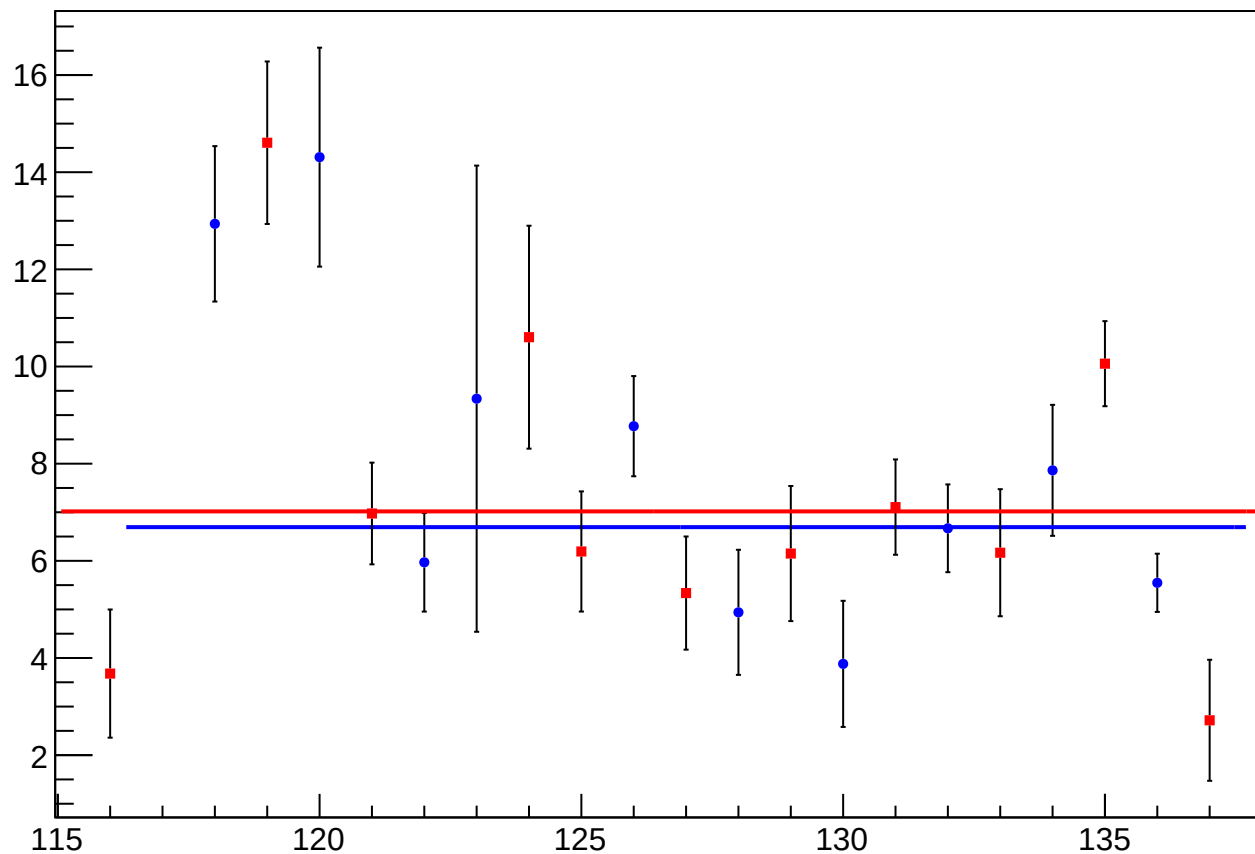
Right: 0.024+/-0.008 χ^2/NDF : 101.5/20

In: 0.025+/-0.011 χ^2/NDF : 56.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.008 χ^2/NDF : 101.5/20

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 6.694 $\pm$ 0.347 χ^2 /NDF: 42.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.017 $\pm$ 0.365 χ^2 /NDF: 56.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

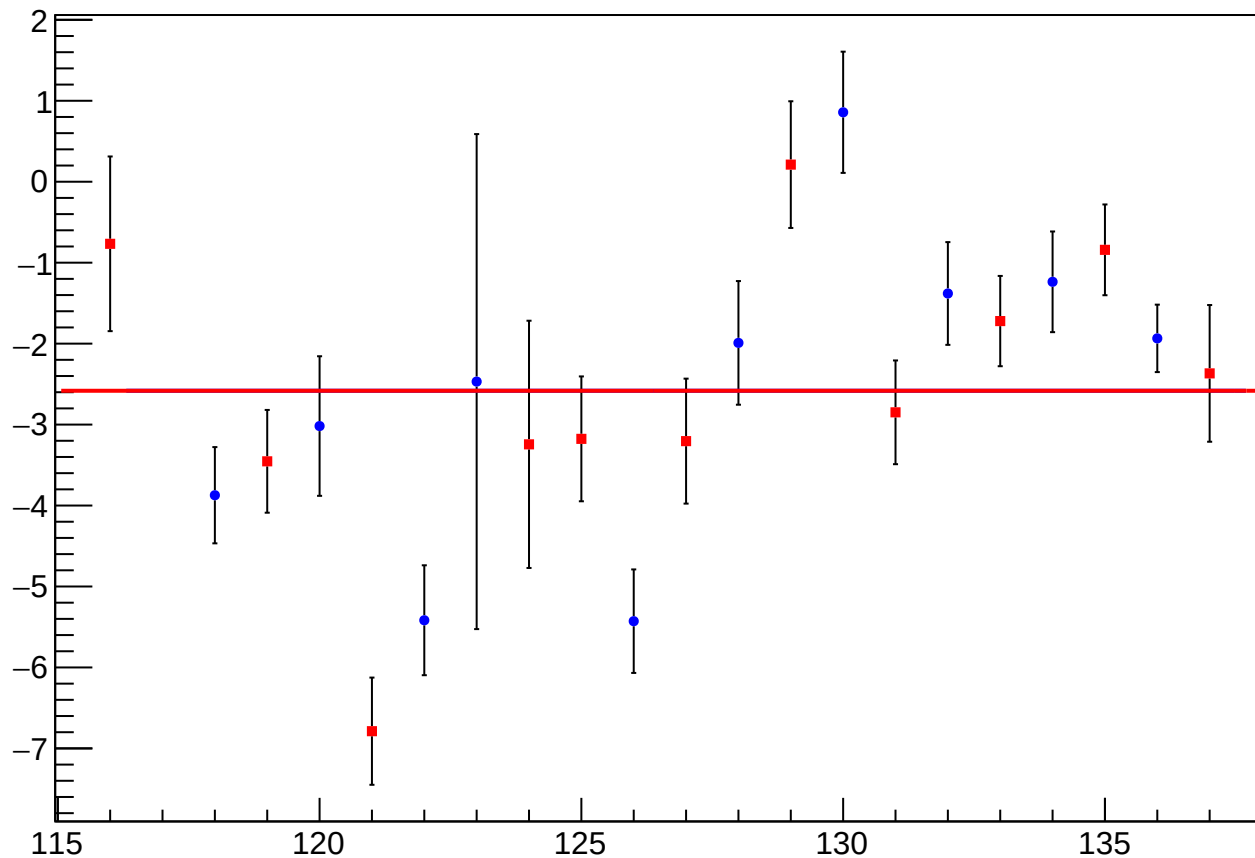
Right: 6.848 $\pm$ 0.251 χ^2 /NDF: 99.7/20

In: 6.694 $\pm$ 0.347 χ^2 /NDF:42.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.848 $\pm$ 0.251 χ^2 /NDF: 99.7/20

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.582 $\pm$ 0.207 χ^2 /NDF: 74.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.582 $\pm$ 0.217 χ^2 /NDF: 71.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

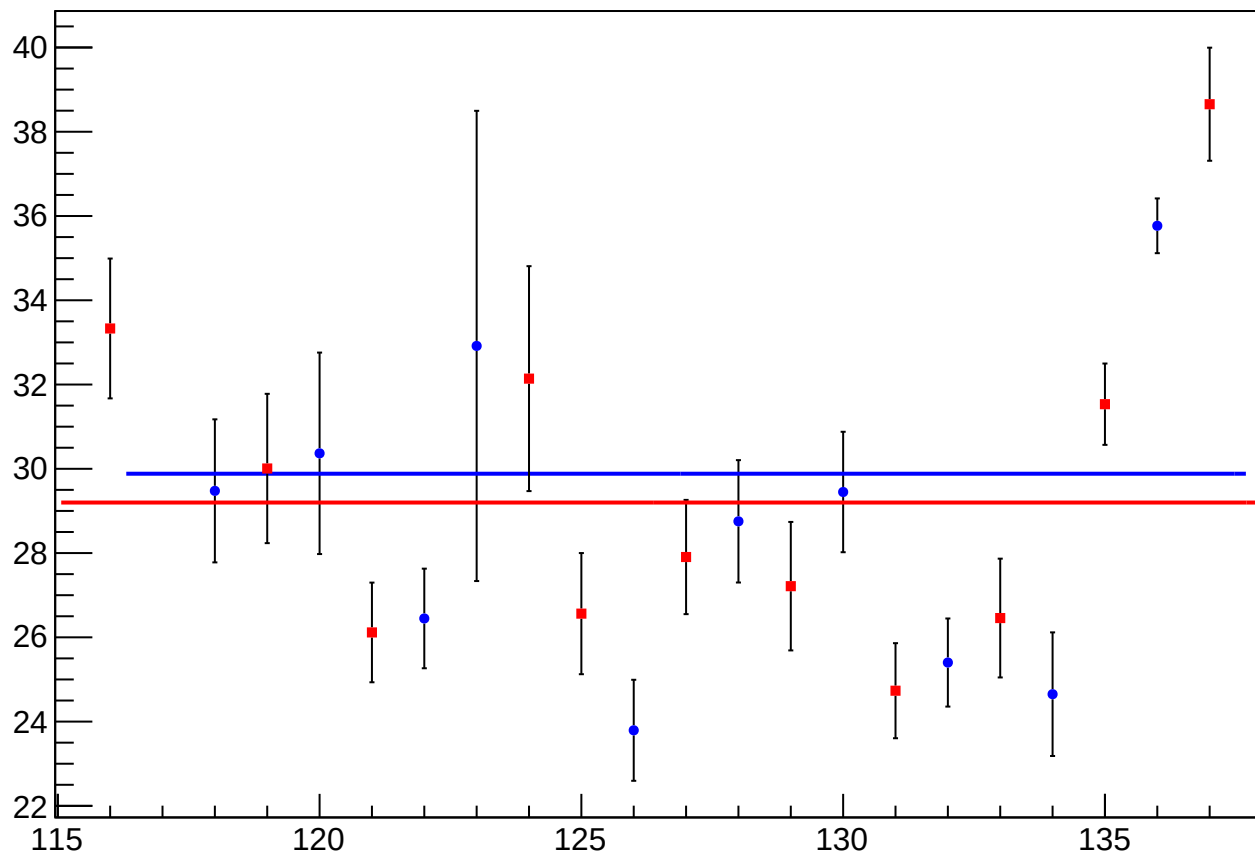
Right: -2.582 $\pm$ 0.150 χ^2 /NDF: 146.1/20

In: -2.582 $\pm$ 0.207 χ^2 /NDF:74.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.582 $\pm$ 0.150 χ^2 /NDF: 146.1/20

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.883 $\pm$ 0.387 χ^2 /NDF: 148.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.199 $\pm$ 0.411 χ^2 /NDF: 95.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

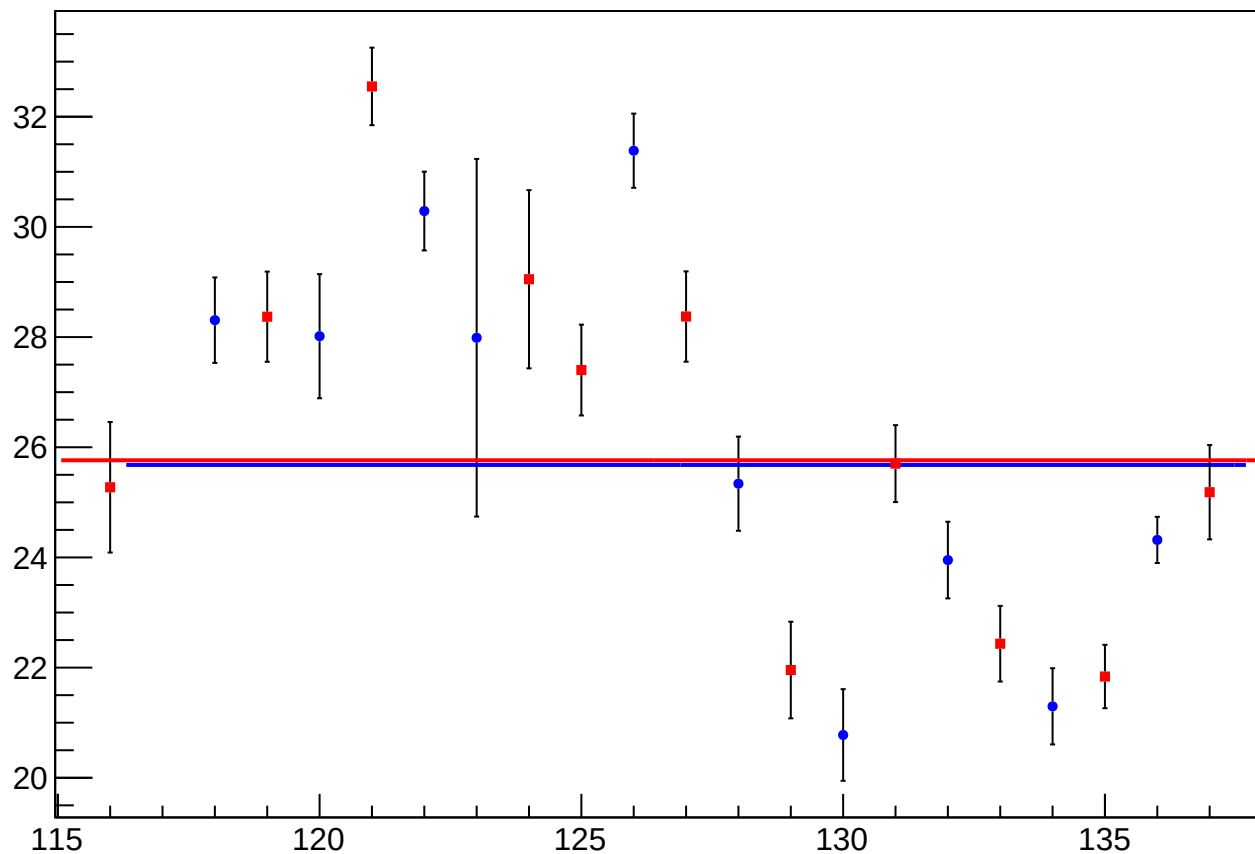
Right: 29.562 $\pm$ 0.282 χ^2 /NDF: 245.2/20

In: 29.883 $\pm$ 0.387 χ^2 /NDF:148.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.562 $\pm$ 0.282 χ^2 /NDF: 245.2/20

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.679+/-0.227 χ^2/NDF : 221.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.764+/-0.240 χ^2/NDF : 211.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

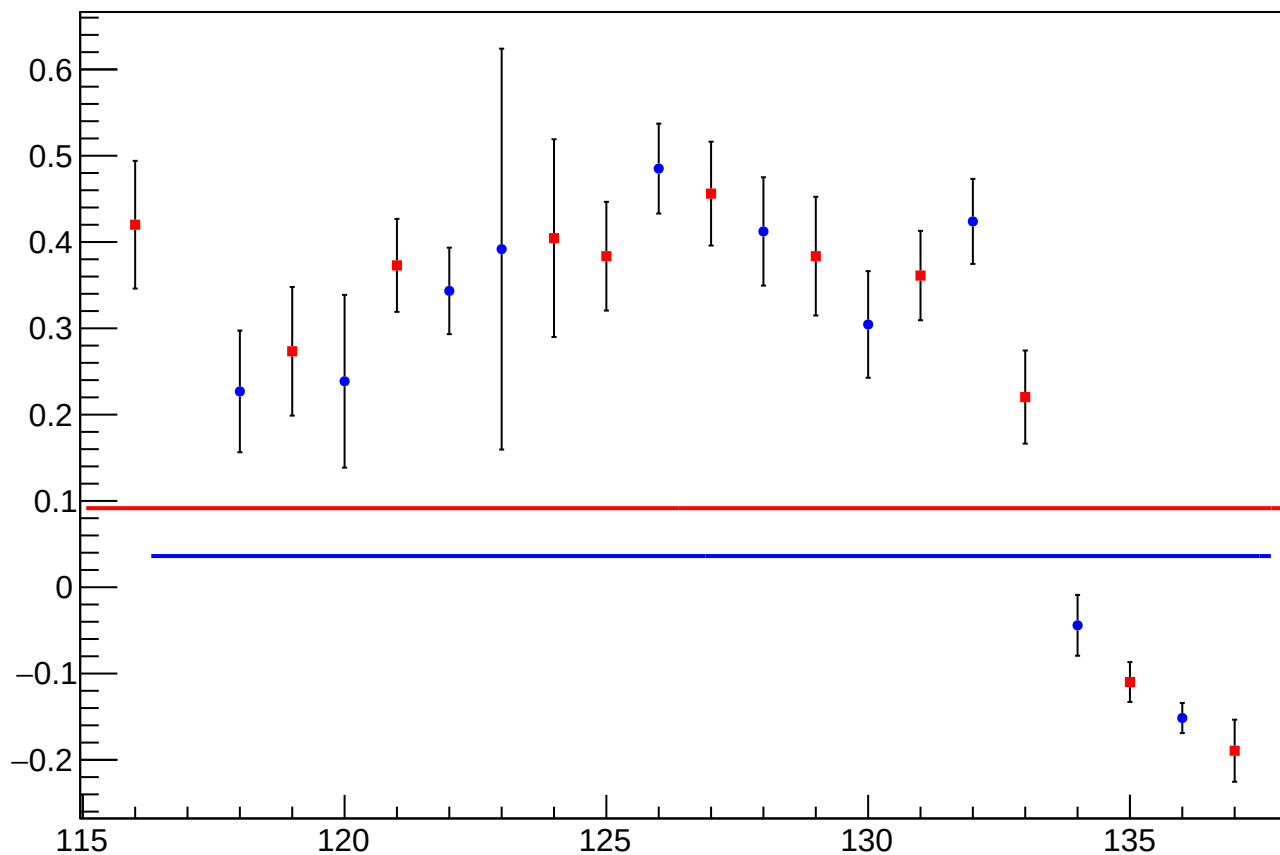
Right: 25.719+/-0.165 χ^2/NDF : 432.4/20

In: 25.679+/-0.227 χ^2/NDF : 221.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.719+/-0.165 χ^2/NDF : 432.4/20

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.036+/-0.013 χ^2/NDF : 362.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.092+/-0.014 χ^2/NDF : 306.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

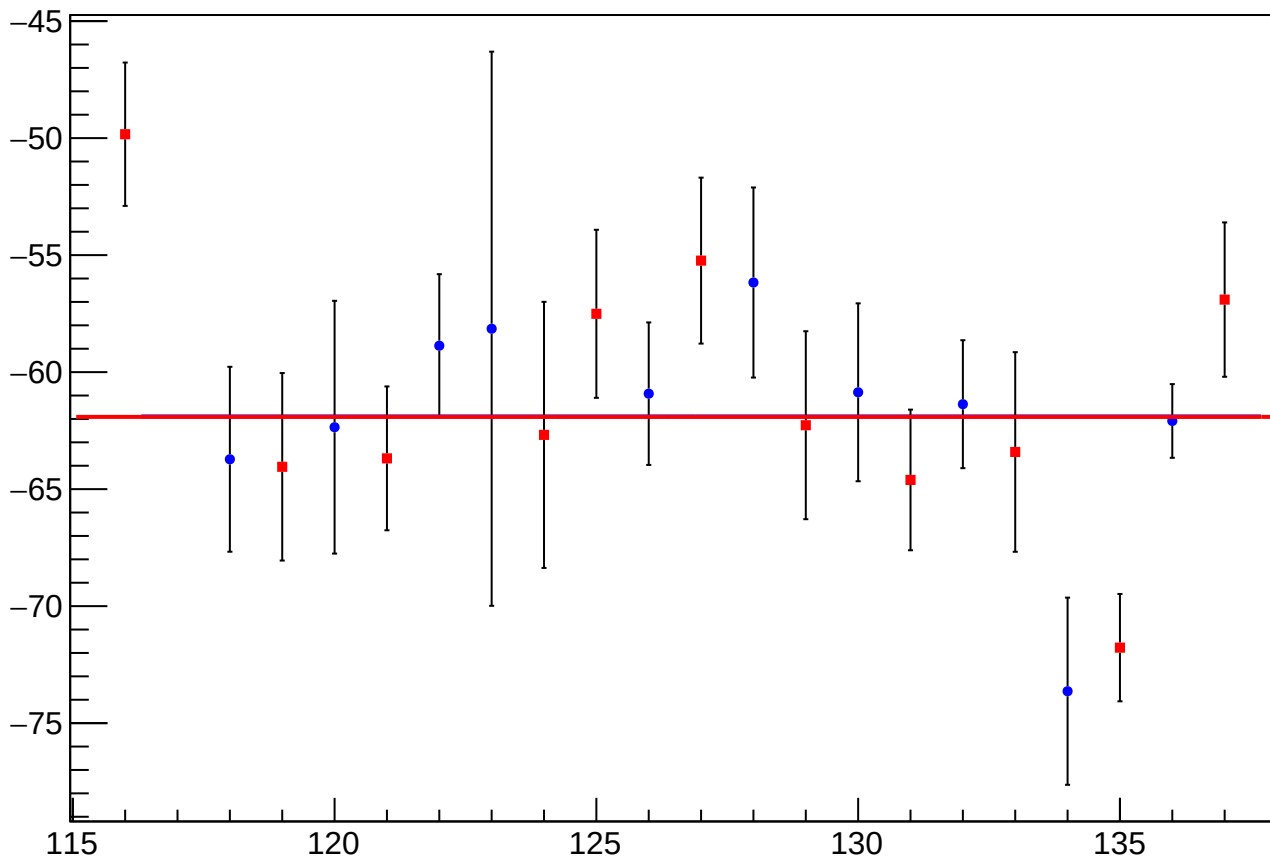
Right: 0.061+/-0.010 χ^2/NDF : 677.5/20

In: 0.036+/-0.013 χ^2/NDF : 362.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.010 χ^2/NDF : 677.5/20

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -61.895 $\pm$ 0.976 χ^2 /NDF: 12.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -61.912 $\pm$ 1.014 χ^2 /NDF: 43.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

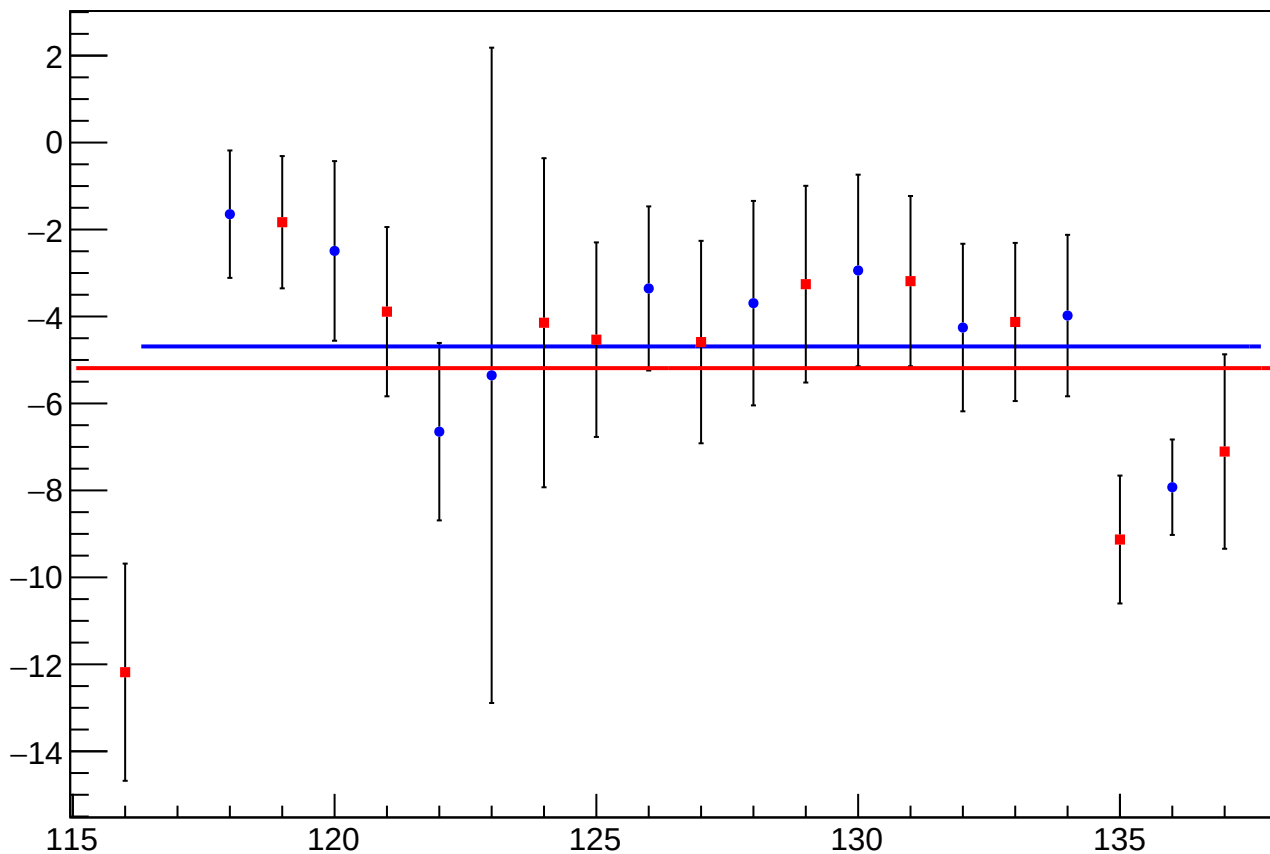
Right: -61.903 $\pm$ 0.703 χ^2 /NDF: 55.1/20

In: -61.895 $\pm$ 0.976 χ^2 /NDF: 12.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.903 $\pm$ 0.703 χ^2 /NDF: 55.1/20

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.689+/-0.576 χ^2/NDF : 16.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.188+/-0.605 χ^2/NDF : 23.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

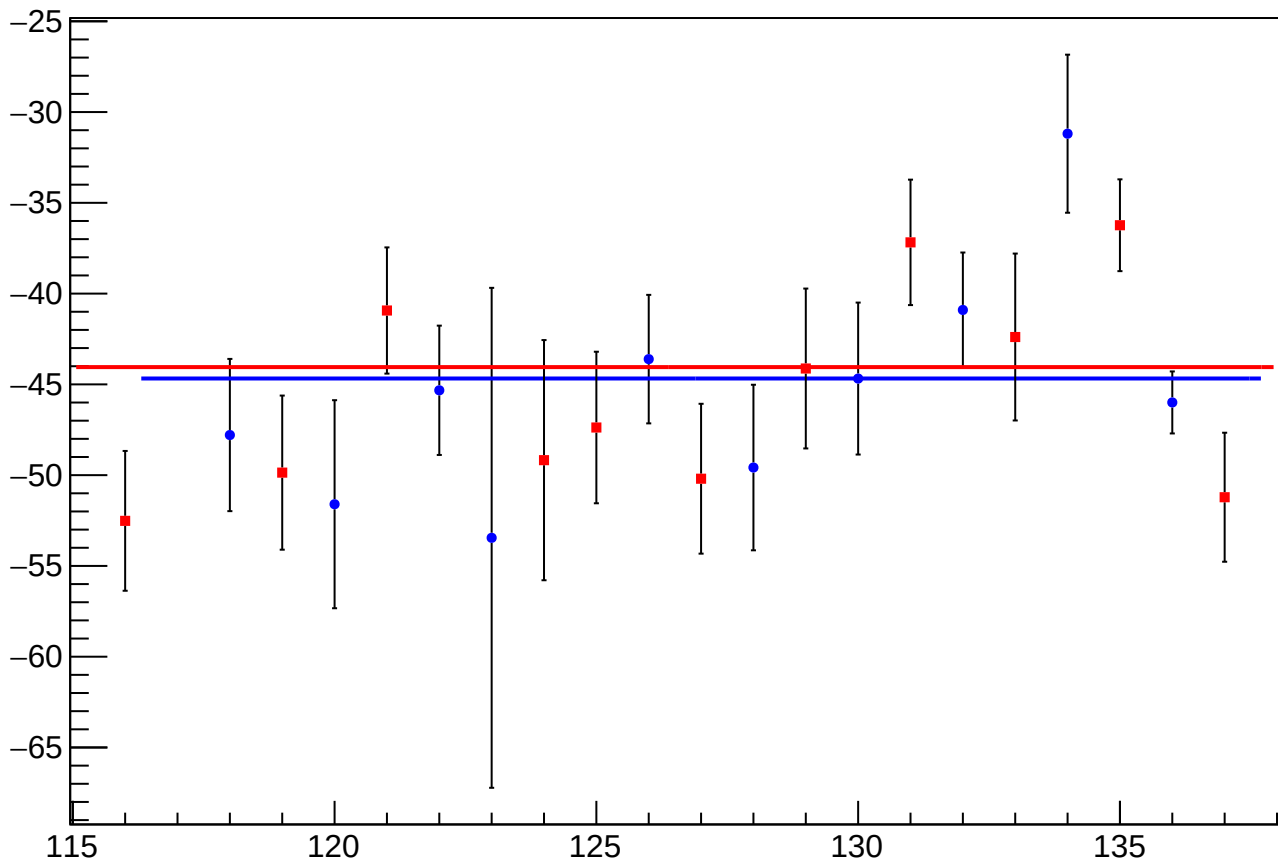
Right: -4.926+/-0.417 χ^2/NDF : 40.3/20

In: -4.689+/-0.576 χ^2/NDF :16.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.926+/-0.417 χ^2/NDF : 40.3/20

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.676 $\pm$ 1.083 χ^2 /NDF: 15.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.048 $\pm$ 1.145 χ^2 /NDF: 28.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

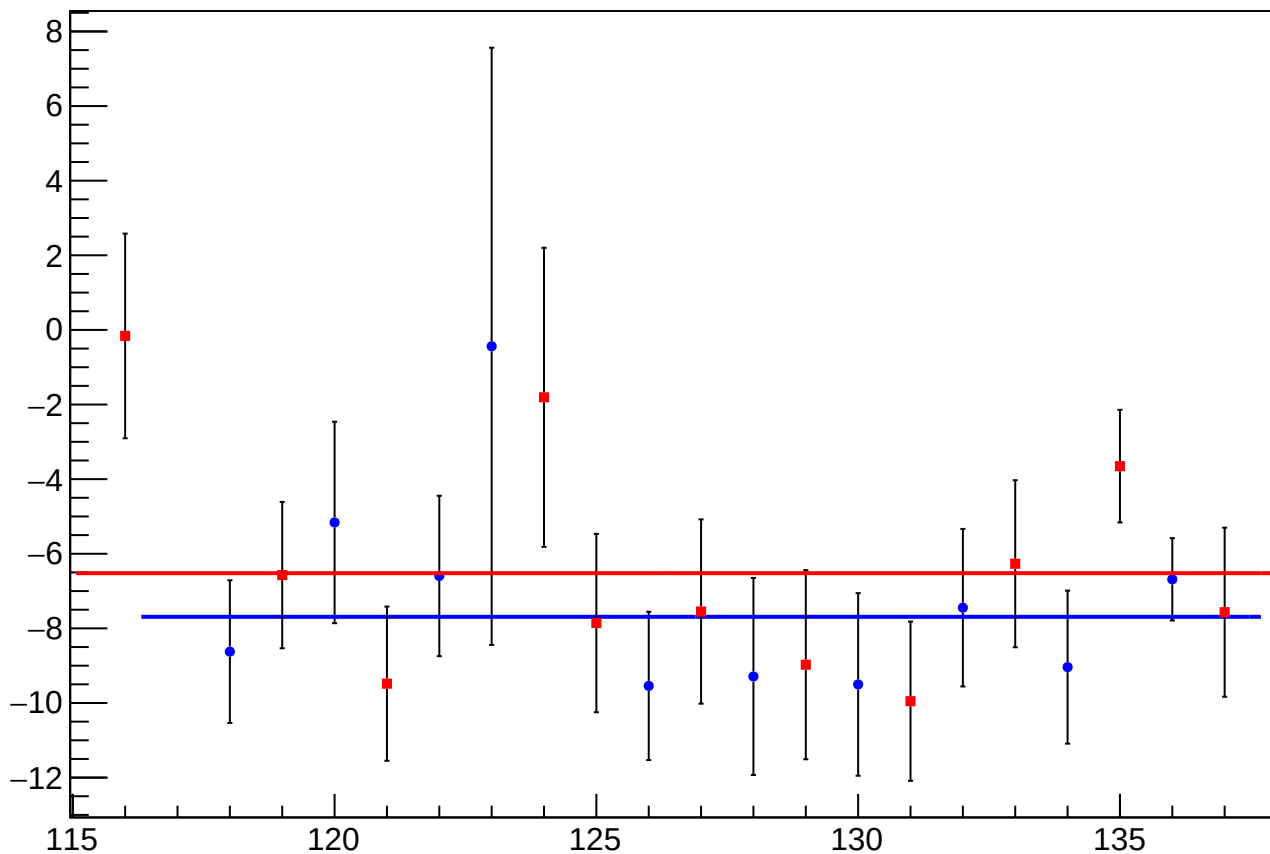
Right: -44.379 $\pm$ 0.787 χ^2 /NDF: 44.2/20

In: -44.676 $\pm$ 1.083 χ^2 /NDF:15.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.379 $\pm$ 0.787 χ^2 /NDF: 44.2/20

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.690+/-0.634 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.520+/-0.669 χ^2/NDF : 16.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

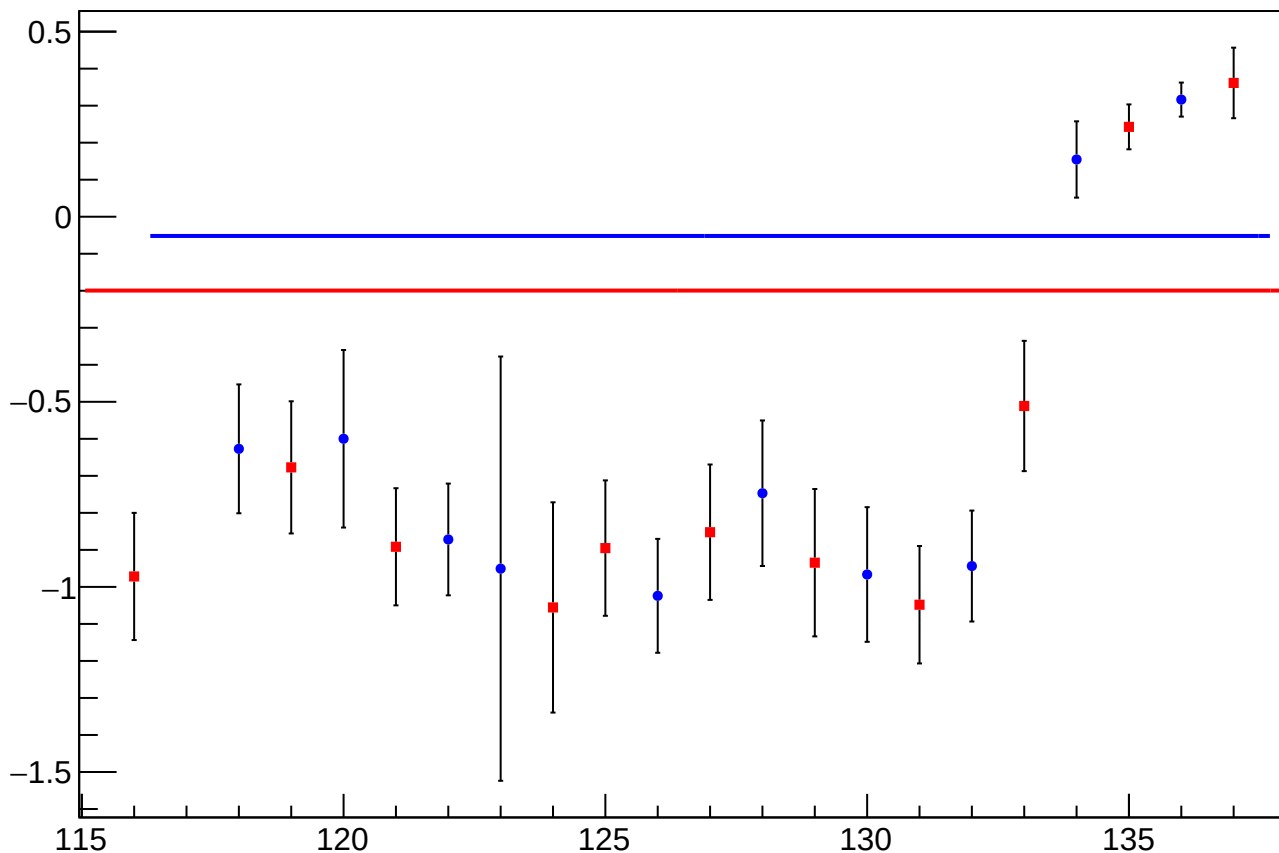
Right: -7.136+/-0.460 χ^2/NDF : 23.5/20

In: -7.690+/-0.634 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.136+/-0.460 χ^2/NDF : 23.5/20

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.052 ± 0.035 $\chi^2/\text{NDF}: 229.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.199 ± 0.039 $\chi^2/\text{NDF}: 216.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

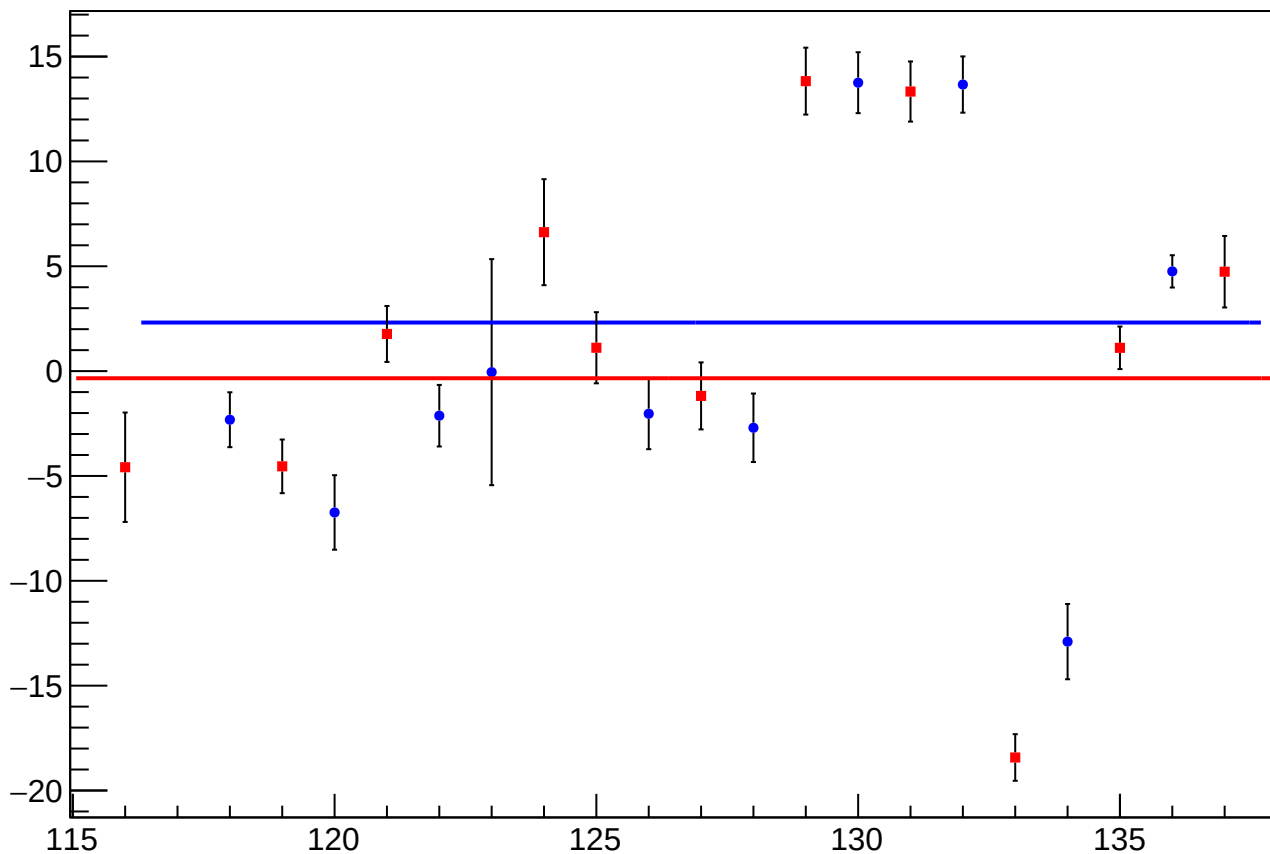
Right: -0.118 ± 0.026 $\chi^2/\text{NDF}: 453.3/20$

In: -0.052 ± 0.035 $\chi^2/\text{NDF}: 229.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.118 ± 0.026 $\chi^2/\text{NDF}: 453.3/20$

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.316+/-0.441 χ^2/NDF : 279.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.341+/-0.438 χ^2/NDF : 469.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

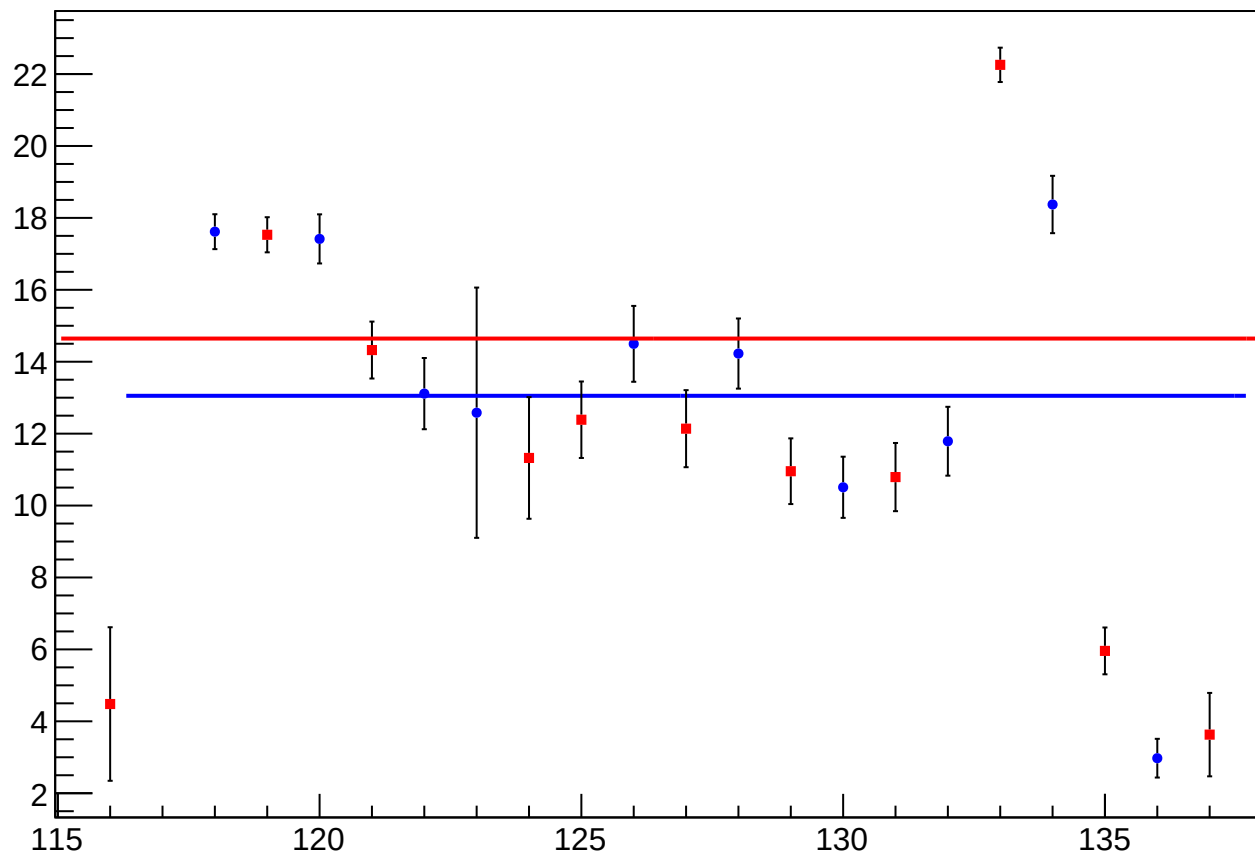
Right: 0.979+/-0.311 χ^2/NDF : 767.4/20

In: 2.316+/-0.441 χ^2/NDF : 279.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.979+/-0.311 χ^2/NDF : 767.4/20

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.052 $\pm$ 0.243 χ^2 /NDF: 538.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.644 $\pm$ 0.236 χ^2 /NDF: 626.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

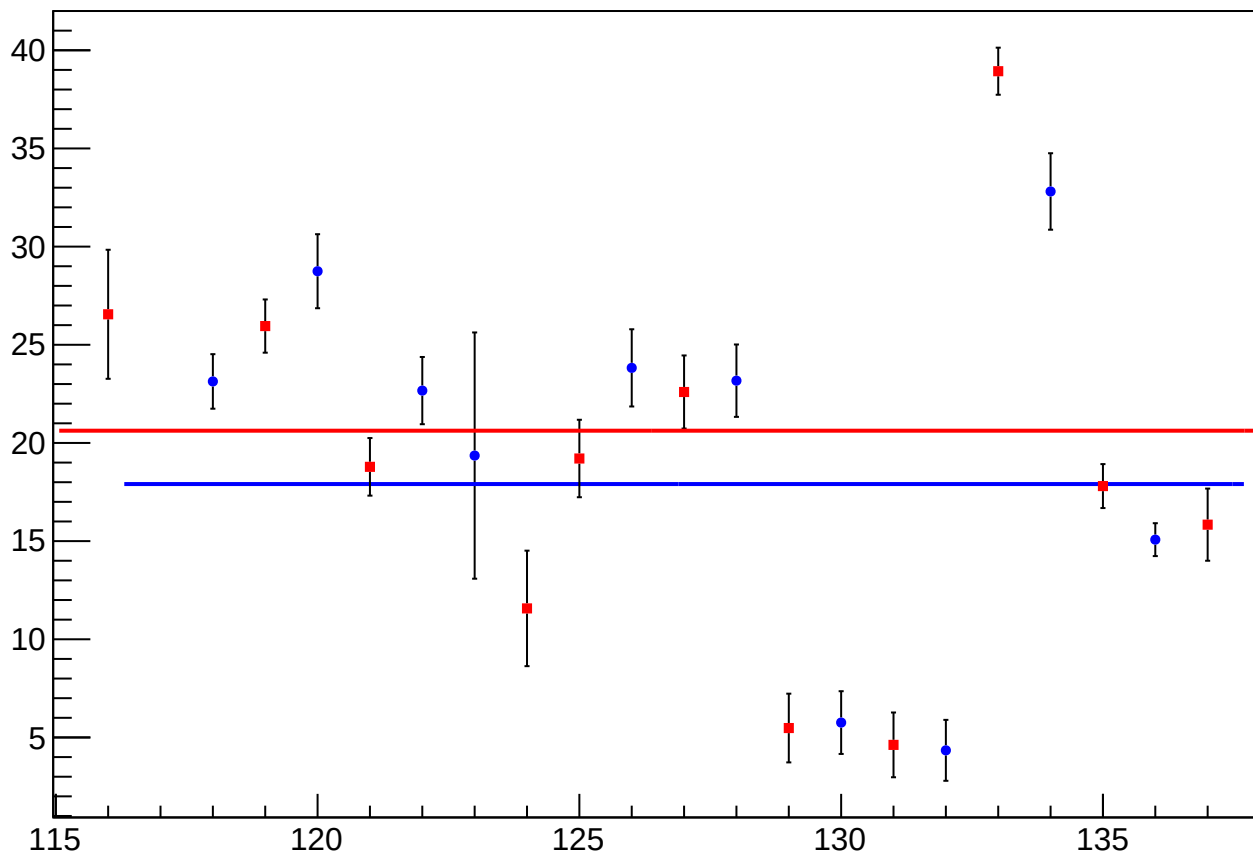
Right: 13.871 $\pm$ 0.169 χ^2 /NDF: 1186.6/20

In: 13.052 $\pm$ 0.243 χ^2 /NDF: 538.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.871 $\pm$ 0.169 χ^2 /NDF: 1186.6/20

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.907 $\pm$ 0.487 χ^2 /NDF: 276.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.624 $\pm$ 0.485 χ^2 /NDF: 446.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

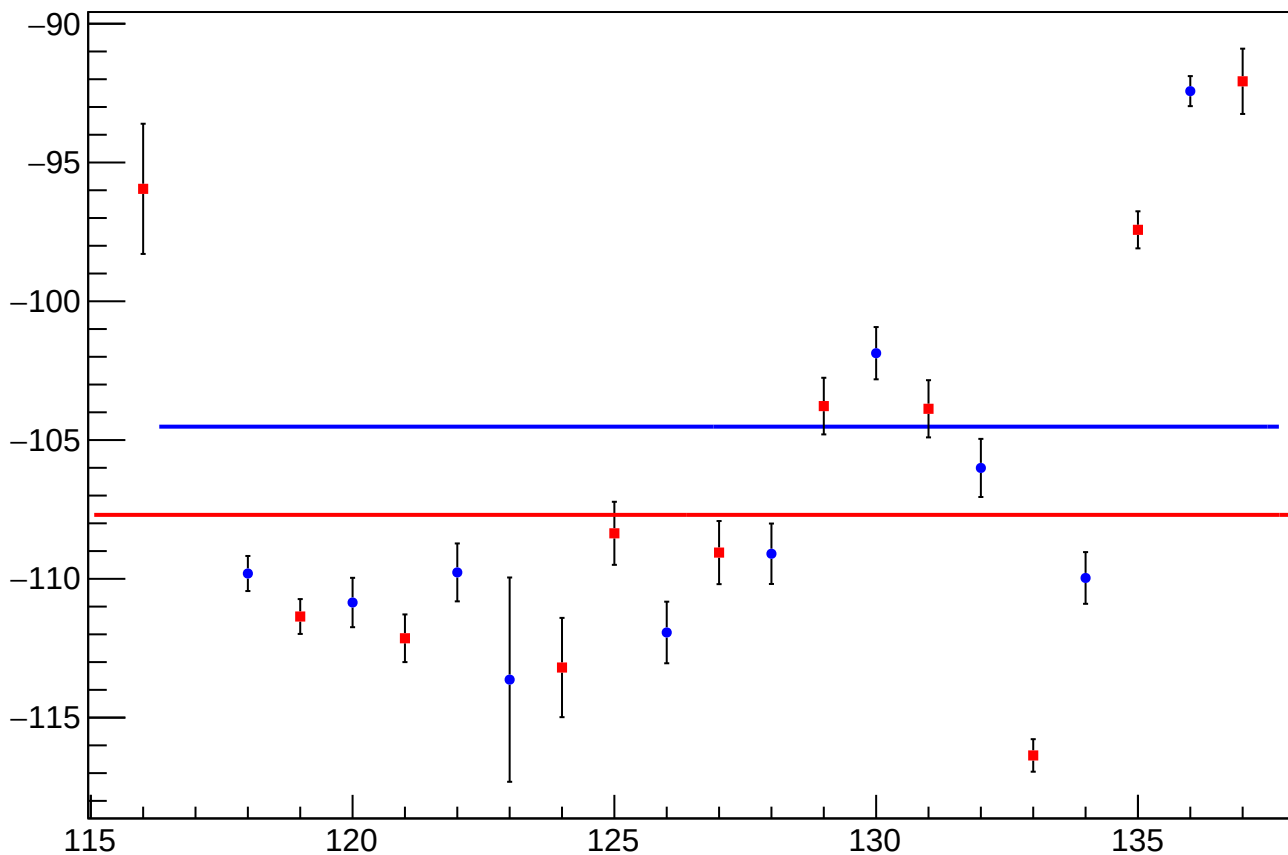
Right: 19.270 $\pm$ 0.344 χ^2 /NDF: 738.8/20

In: 17.907 $\pm$ 0.487 χ^2 /NDF: 276.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.270 $\pm$ 0.344 χ^2 /NDF: 738.8/20

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -104.517 ± 0.277 χ^2/NDF : 758.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -107.696 ± 0.270 χ^2/NDF : 757.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

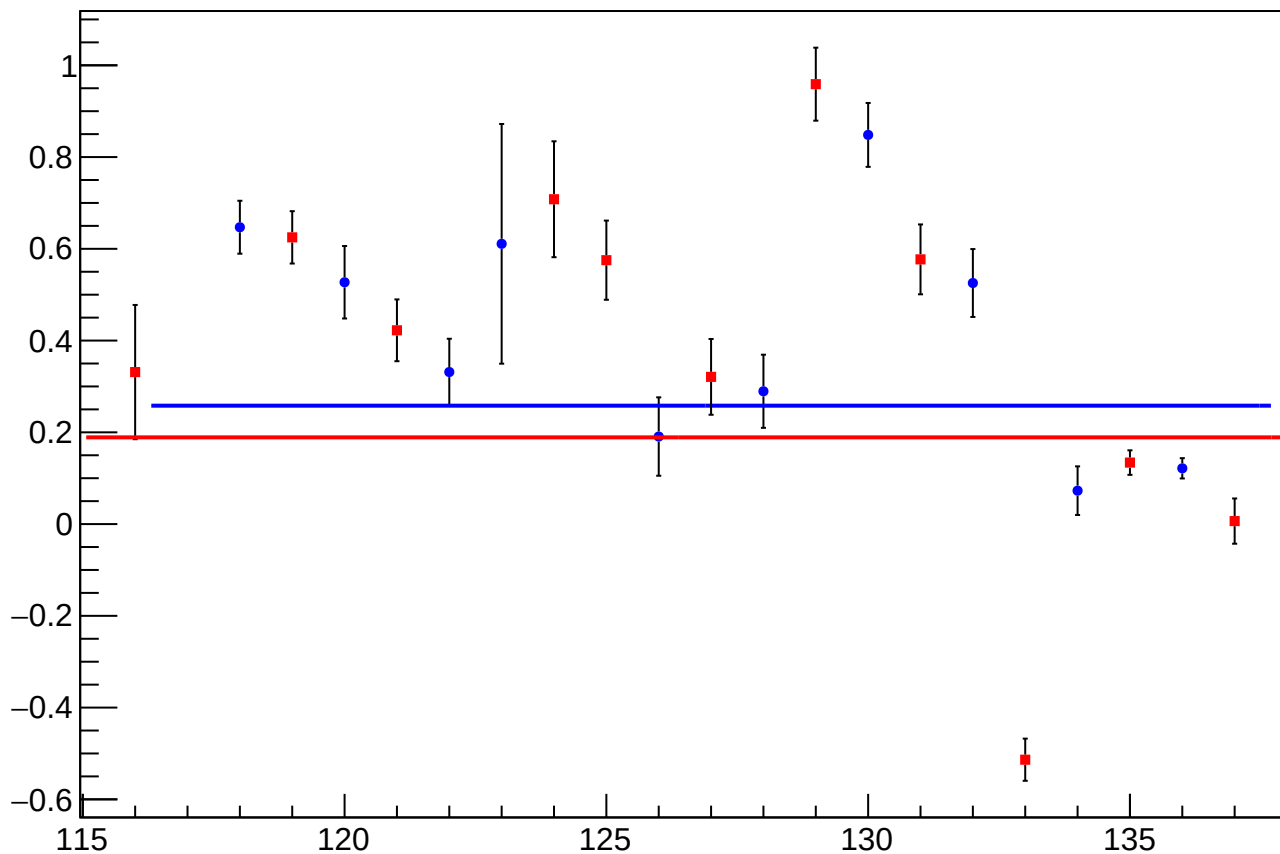
Right: -106.147 ± 0.193 χ^2/NDF : 1582.9/20

In: -104.517 ± 0.277 χ^2/NDF : 758.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -106.147 ± 0.193 χ^2/NDF : 1582.9/20

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.258+/-0.016 χ^2/NDF : 196.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.189+/-0.017 χ^2/NDF : 481.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

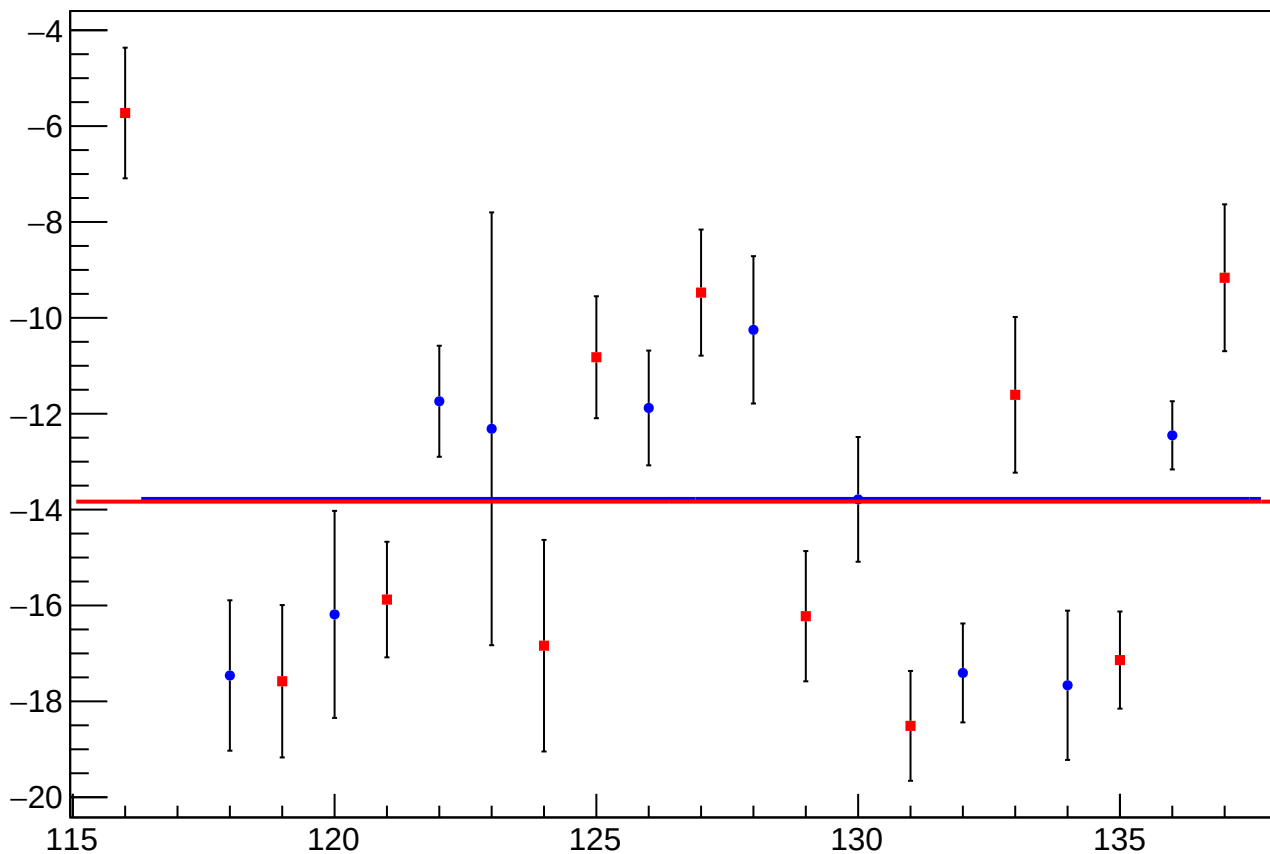
Right: 0.225+/-0.012 χ^2/NDF : 686.6/20

In: 0.258+/-0.016 χ^2/NDF : 196.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.225+/-0.012 χ^2/NDF : 686.6/20

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -13.778 $\pm$ 0.394 χ^2 /NDF: 39.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.834 $\pm$ 0.405 χ^2 /NDF: 103.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

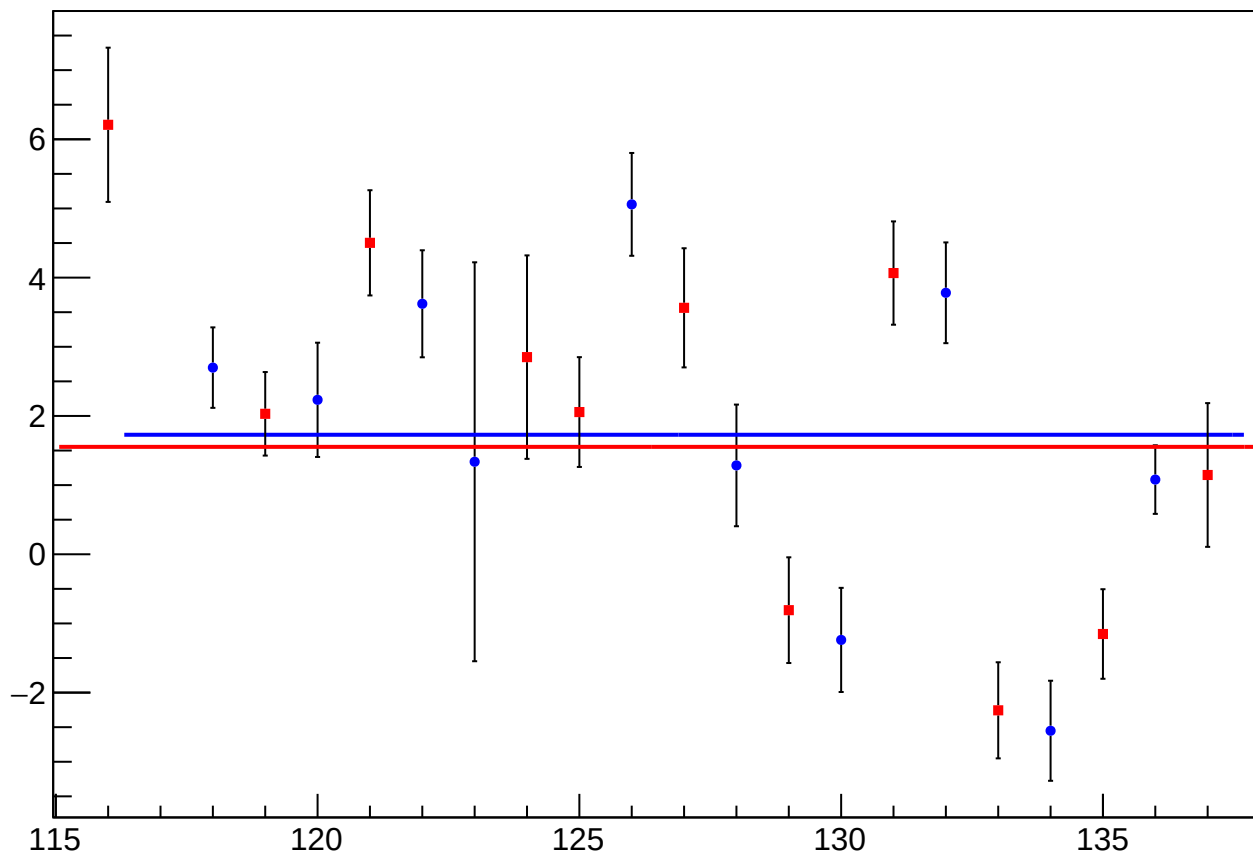
Right: -13.805 $\pm$ 0.282 χ^2 /NDF: 143.7/20

In: -13.778 $\pm$ 0.394 χ^2 /NDF:39.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.805 $\pm$ 0.282 χ^2 /NDF: 143.7/20

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.728+/-0.230 χ^2/NDF : 89.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.553+/-0.239 χ^2/NDF : 108.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

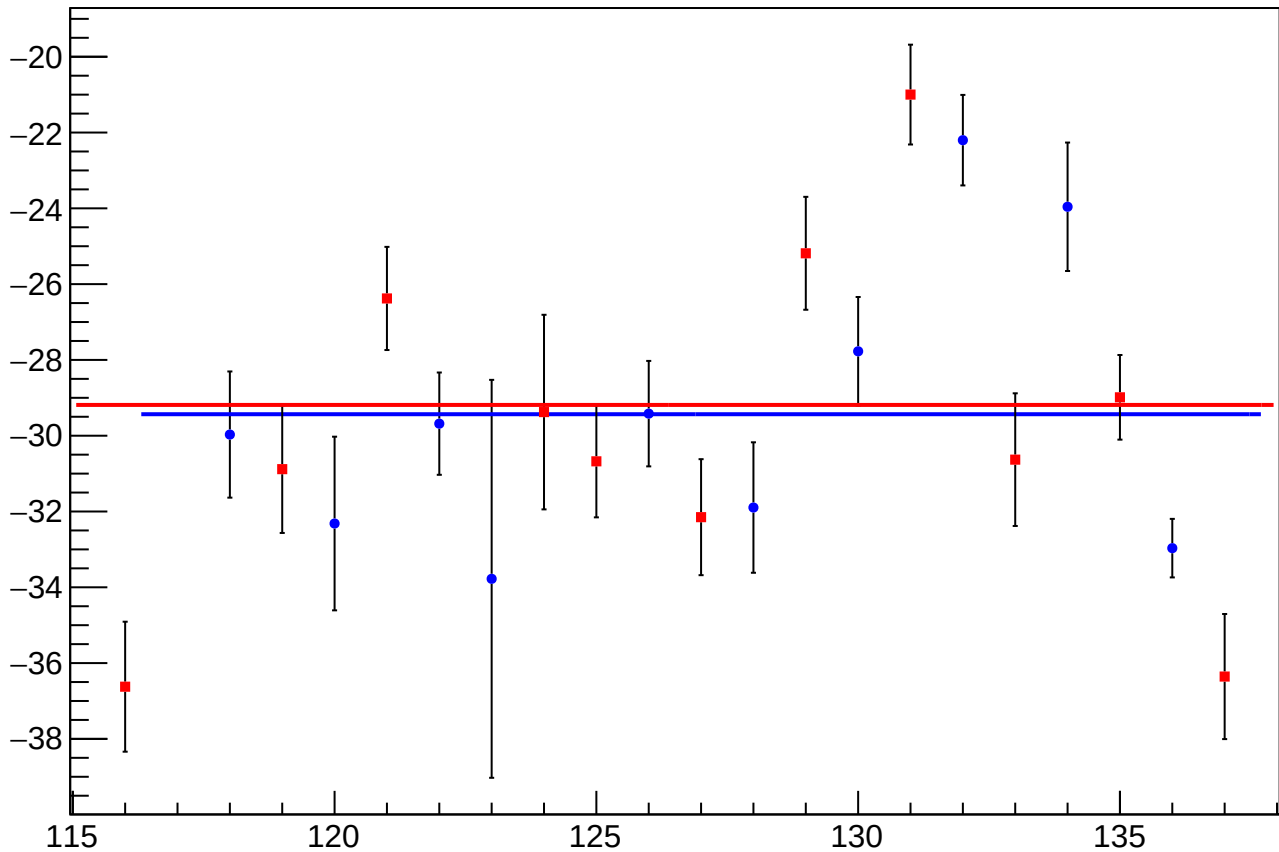
Right: 1.644+/-0.166 χ^2/NDF : 198.2/20

In: 1.728+/-0.230 χ^2/NDF : 89.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.644+/-0.166 χ^2/NDF : 198.2/20

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -29.433 $\pm$ 0.438 χ^2 /NDF: 73.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.188 $\pm$ 0.457 χ^2 /NDF: 94.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

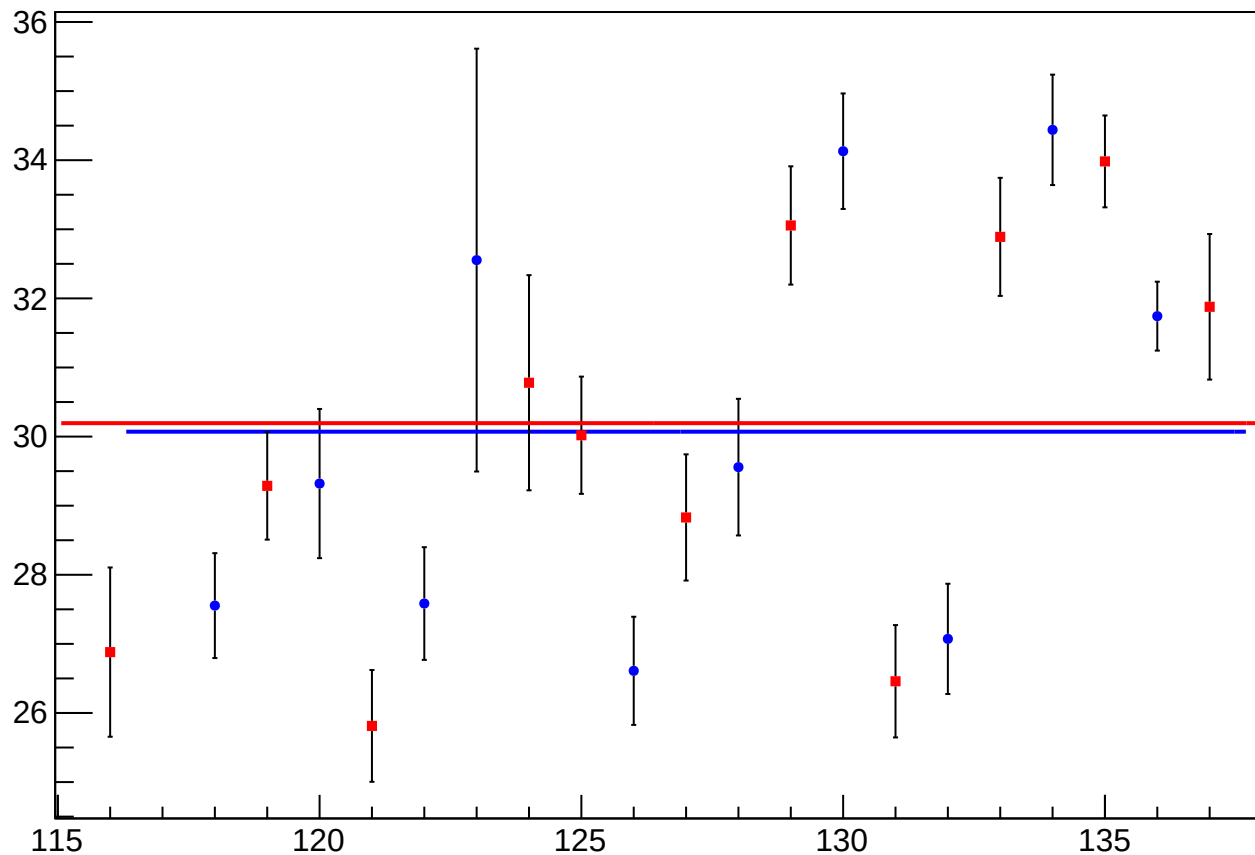
Right: -29.315 $\pm$ 0.316 χ^2 /NDF: 168.3/20

In: -29.433 $\pm$ 0.438 χ^2 /NDF:73.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.315 $\pm$ 0.316 χ^2 /NDF: 168.3/20

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.071 $\pm$ 0.254 χ^2 /NDF: 120.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.194 $\pm$ 0.265 χ^2 /NDF: 117.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

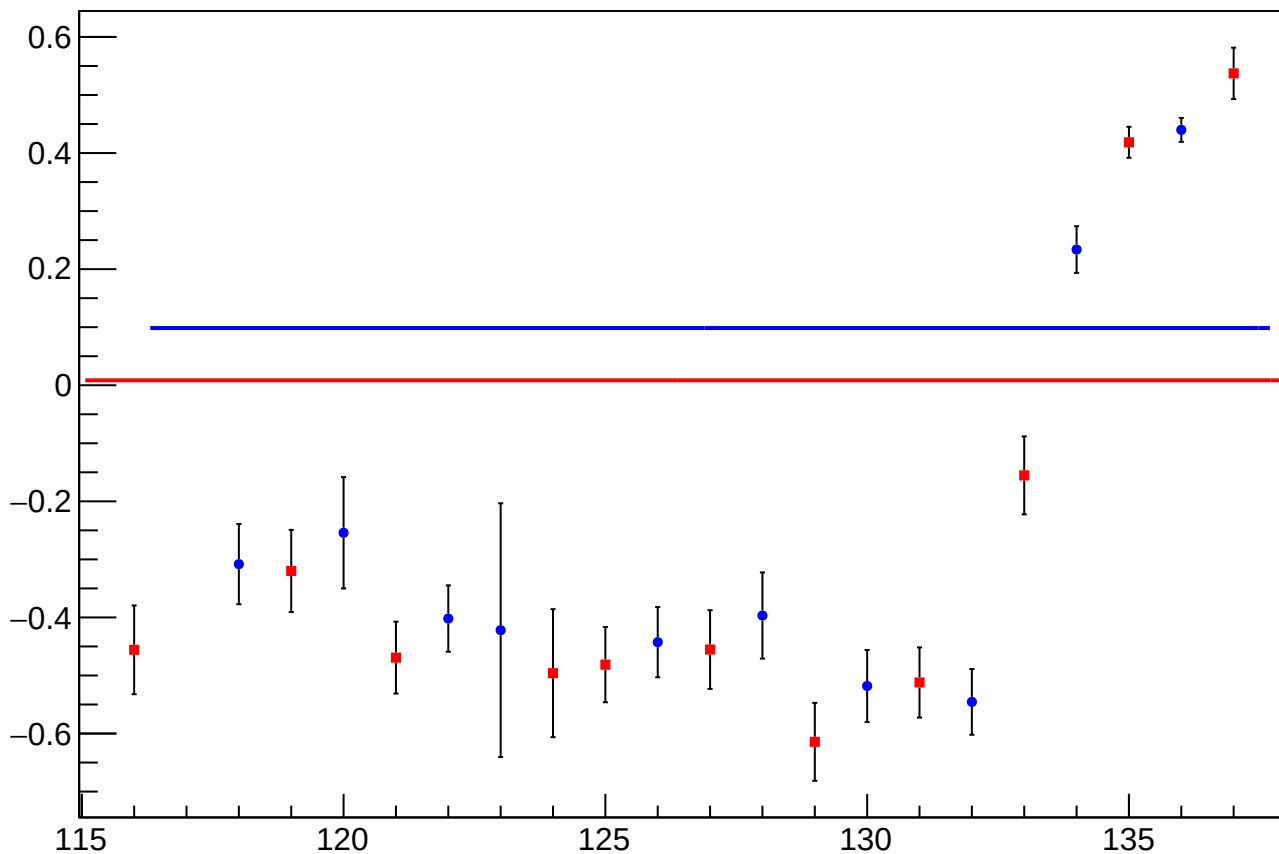
Right: 30.130 $\pm$ 0.183 χ^2 /NDF: 237.9/20

In: 30.071 $\pm$ 0.254 χ^2 /NDF:120.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.130 $\pm$ 0.183 χ^2 /NDF: 237.9/20

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.099+/-0.015 χ^2/NDF : 768.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.016 χ^2/NDF : 787.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

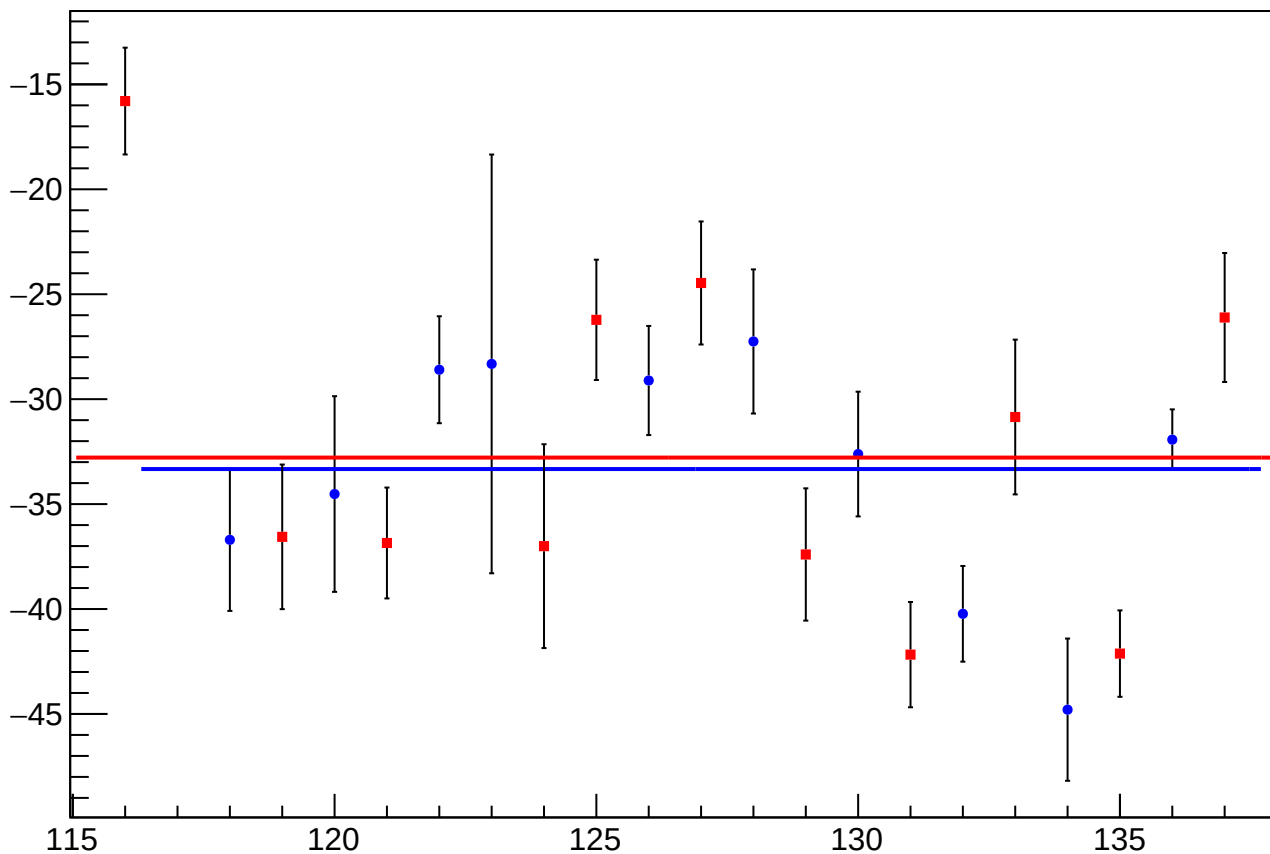
Right: 0.058+/-0.011 χ^2/NDF : 1572.7/20

In: 0.099+/-0.015 χ^2/NDF : 768.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.011 χ^2/NDF : 1572.7/20

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -33.330 ± 0.844 χ^2/NDF : 32.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.784 ± 0.865 χ^2/NDF : 103.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

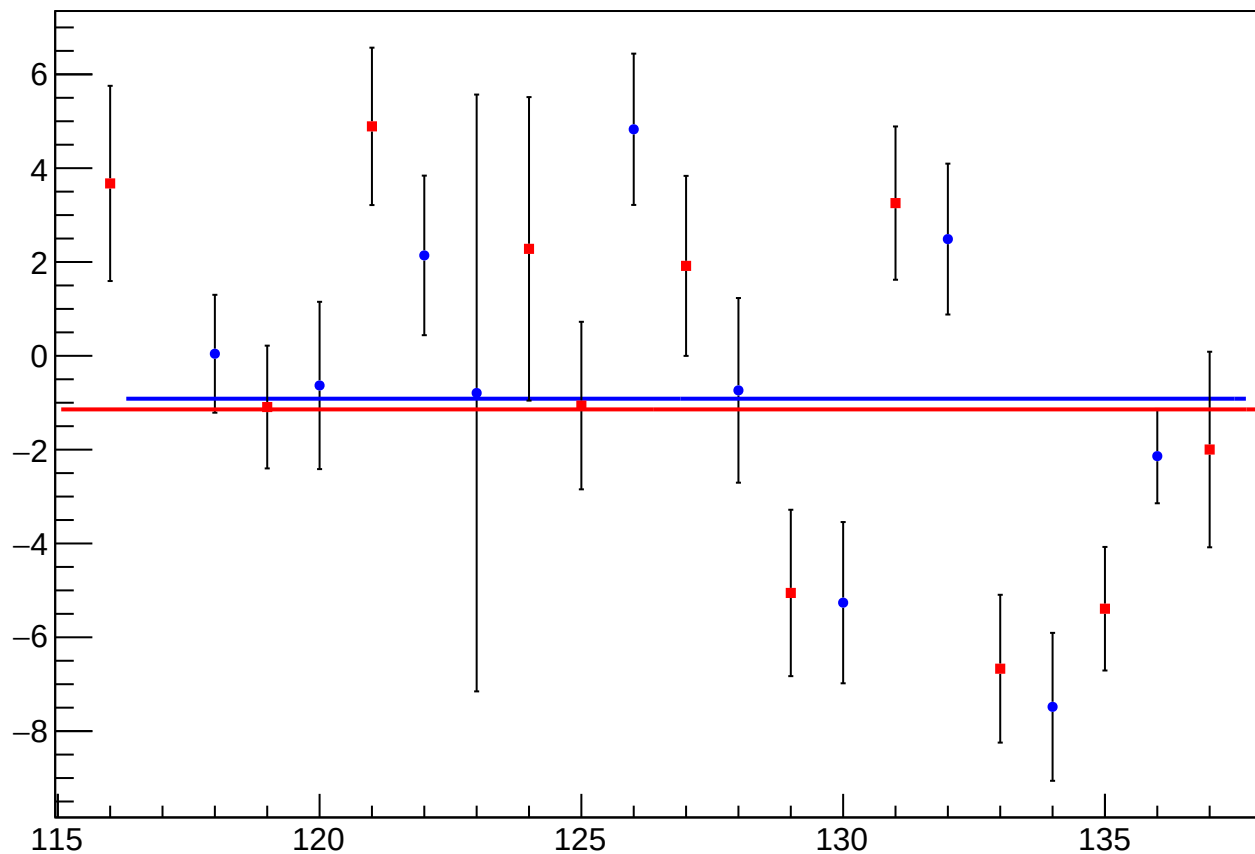
Right: -33.064 ± 0.604 χ^2/NDF : 136.2/20

In: -33.330 ± 0.844 χ^2/NDF : 32.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.064 ± 0.604 χ^2/NDF : 136.2/20

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.914 ± 0.495 $\chi^2/\text{NDF}: 46.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.142 ± 0.516 $\chi^2/\text{NDF}: 57.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

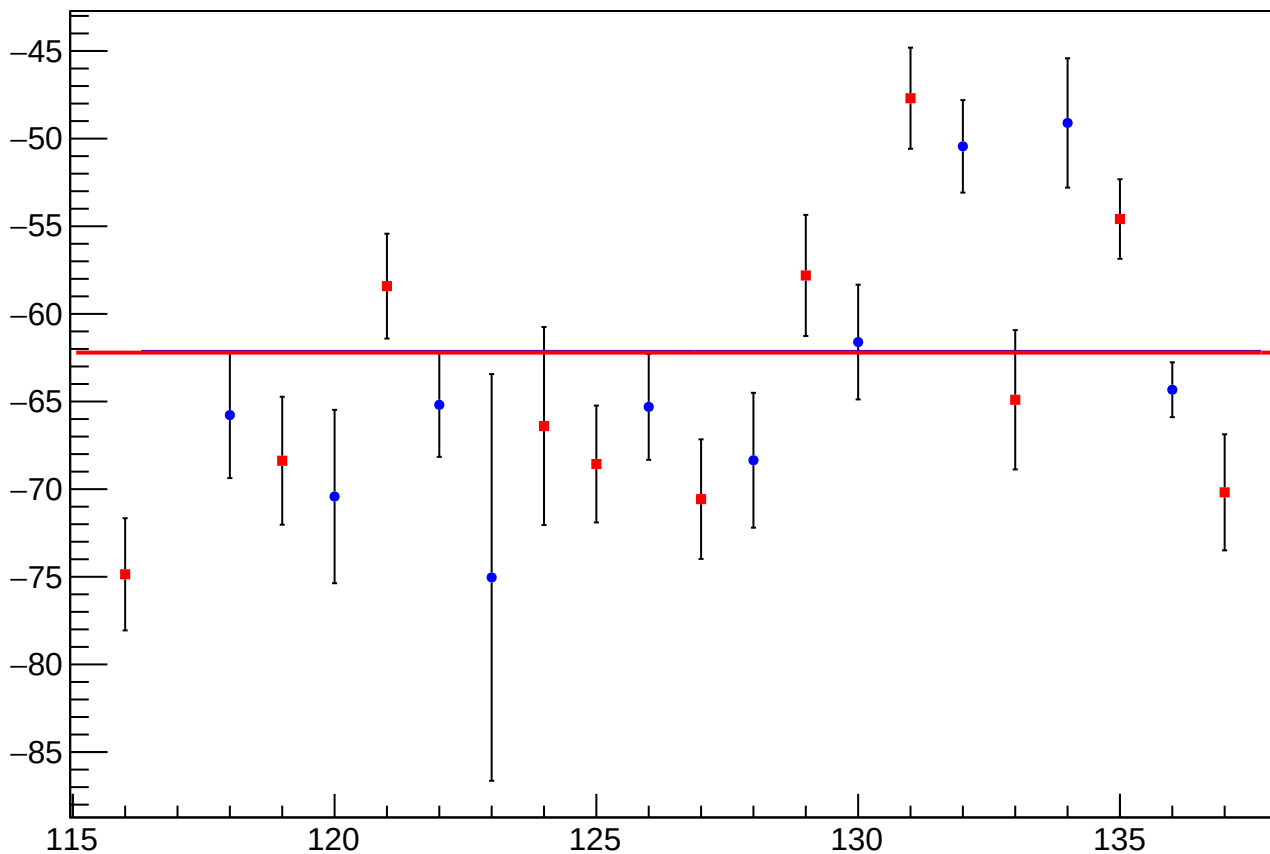
Right: -1.023 ± 0.357 $\chi^2/\text{NDF}: 103.3/20$

In: -0.914 ± 0.495 $\chi^2/\text{NDF}: 46.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.023 ± 0.357 $\chi^2/\text{NDF}: 103.3/20$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.170+/-0.939 χ^2/NDF : 43.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.209+/-0.979 χ^2/NDF : 74.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

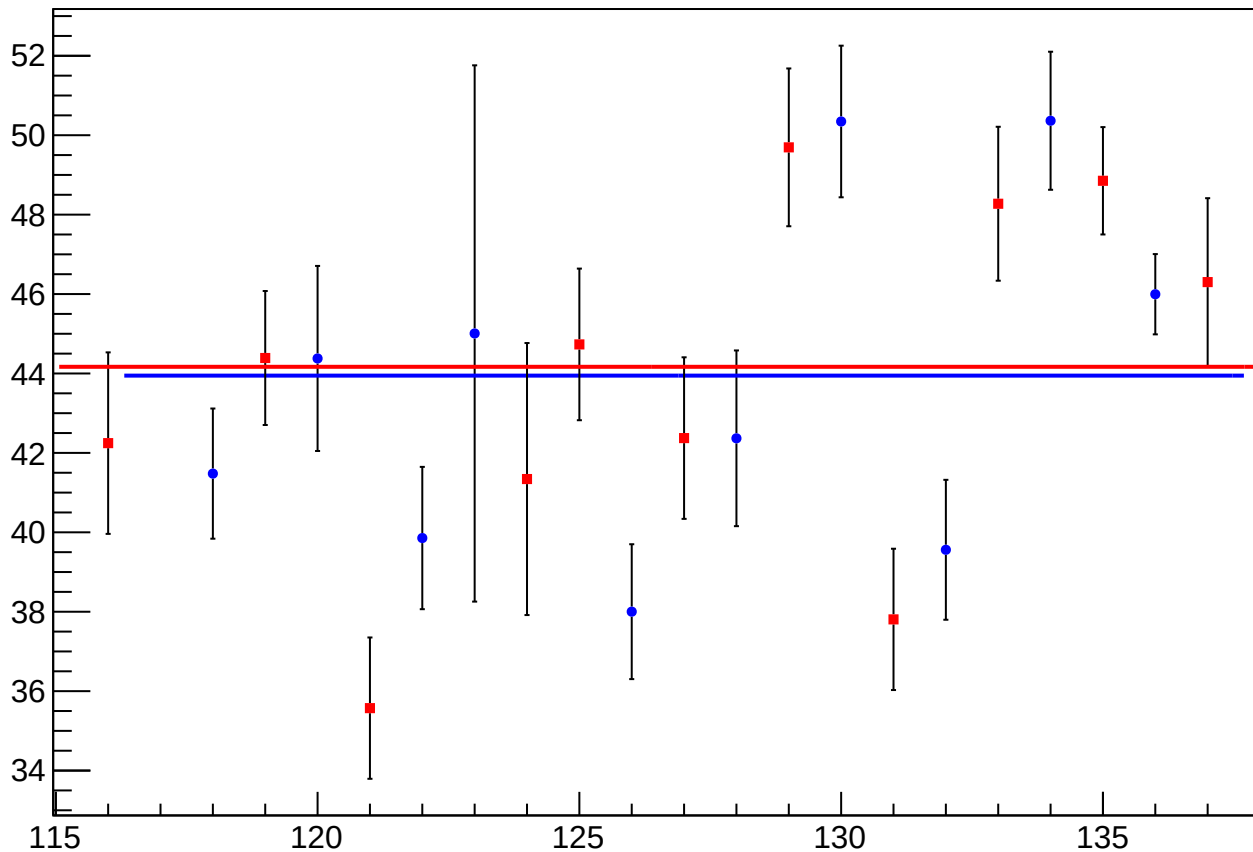
Right: -62.188+/-0.677 χ^2/NDF : 118.7/20

In: -62.170+/-0.939 χ^2/NDF : 43.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.188+/-0.677 χ^2/NDF : 118.7/20

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.946+/-0.547 χ^2/NDF : 55.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.168+/-0.571 χ^2/NDF : 63.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

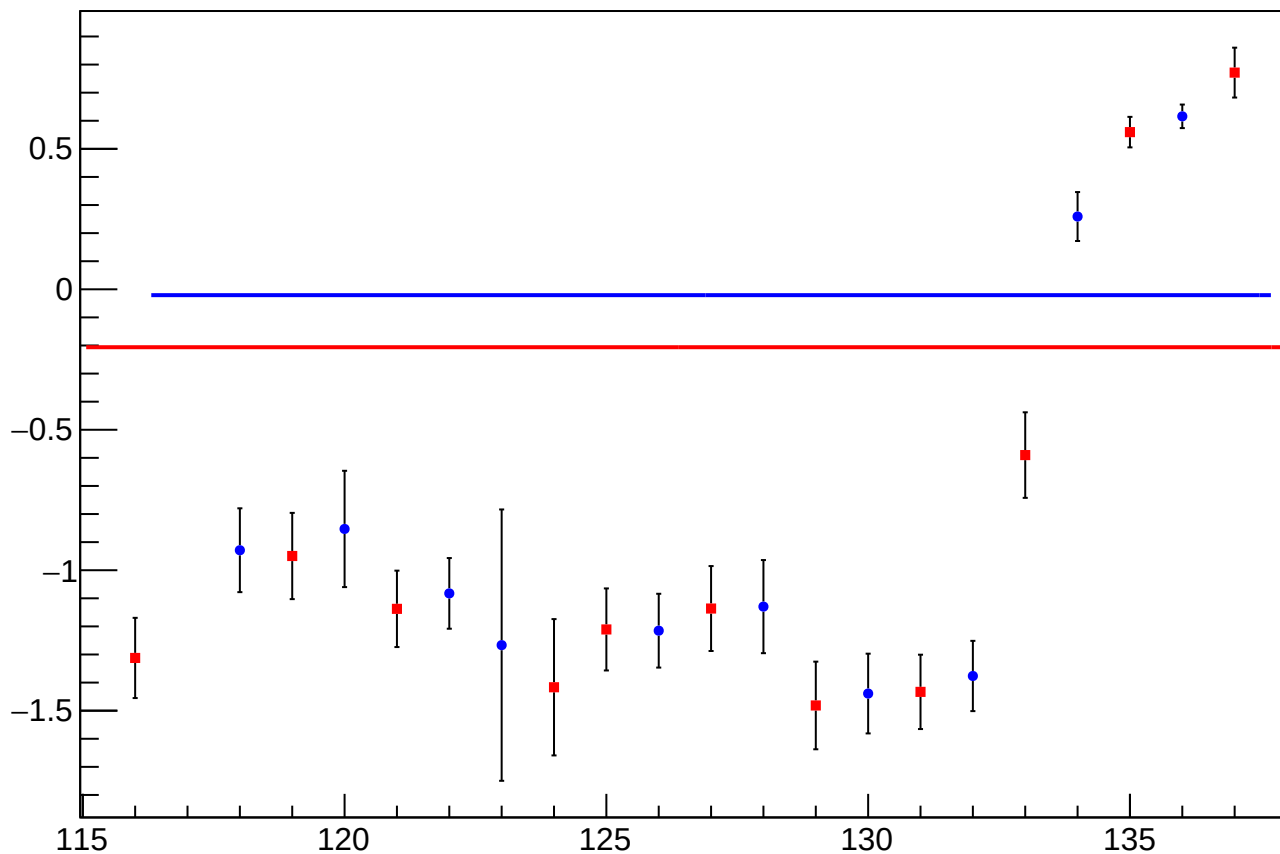
Right: 44.052+/-0.395 χ^2/NDF : 119.2/20

In: 43.946+/-0.547 χ^2/NDF : 55.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.052+/-0.395 χ^2/NDF : 119.2/20

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.021+/-0.031 χ^2/NDF : 716.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.206+/-0.034 χ^2/NDF : 719.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

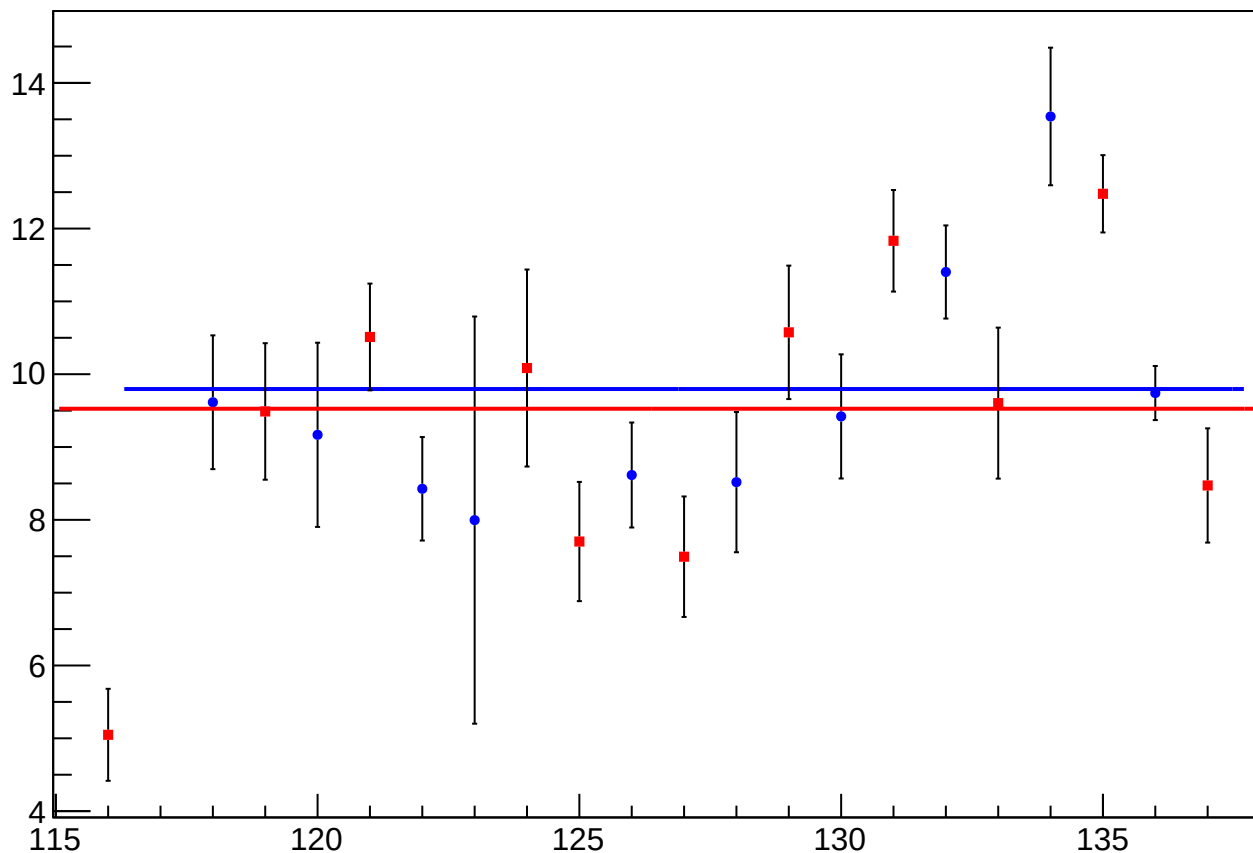
Right: -0.105+/-0.023 χ^2/NDF : 1452.6/20

In: -0.021+/-0.031 χ^2/NDF :716.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.105+/-0.023 χ^2/NDF : 1452.6/20

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.796 $\pm$ 0.229 χ^2 /NDF: 31.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.526 $\pm$ 0.233 χ^2 /NDF: 108.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

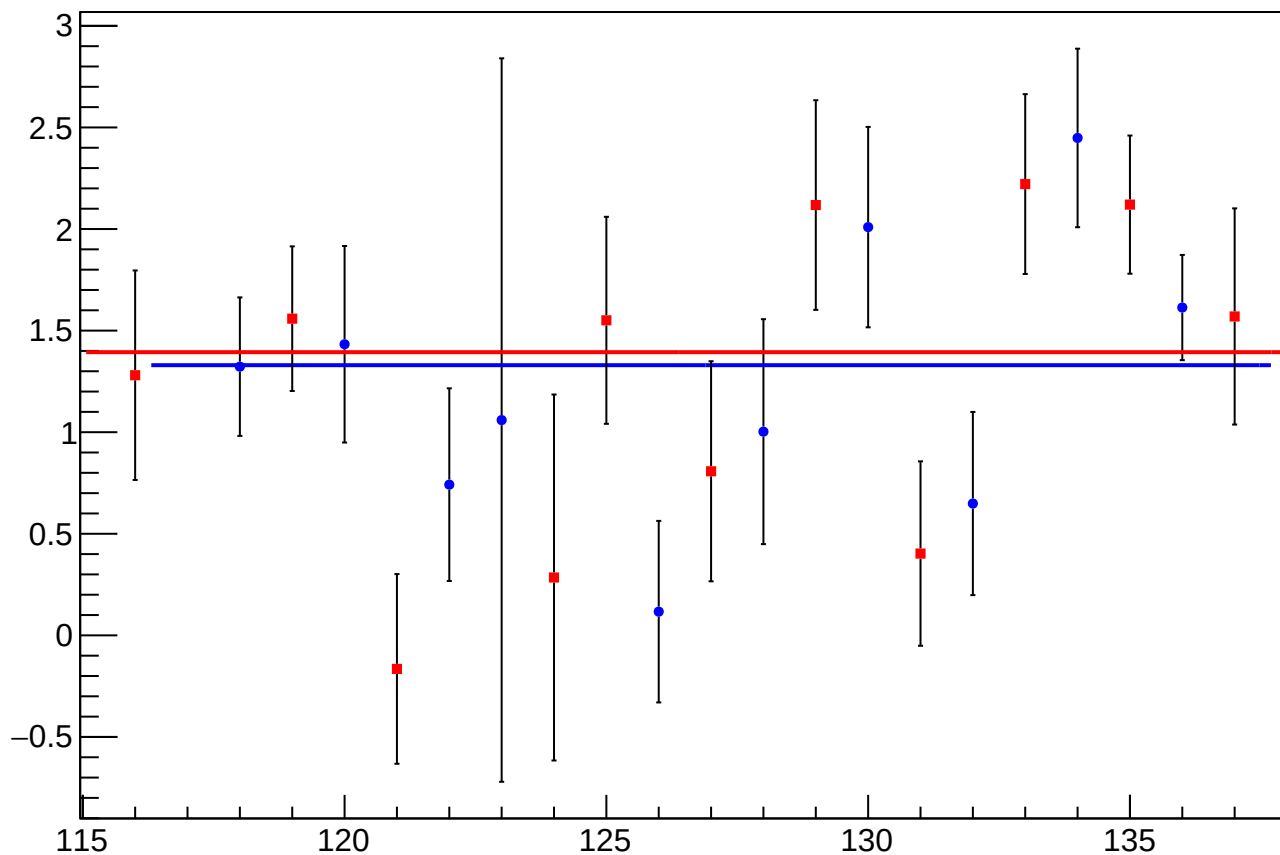
Right: 9.664 $\pm$ 0.163 χ^2 /NDF: 140.0/20

In: 9.796 $\pm$ 0.229 χ^2 /NDF: 31.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.664 $\pm$ 0.163 χ^2 /NDF: 140.0/20

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.330 $\pm$ 0.135 χ^2 /NDF: 21.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.394 $\pm$ 0.141 χ^2 /NDF: 29.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

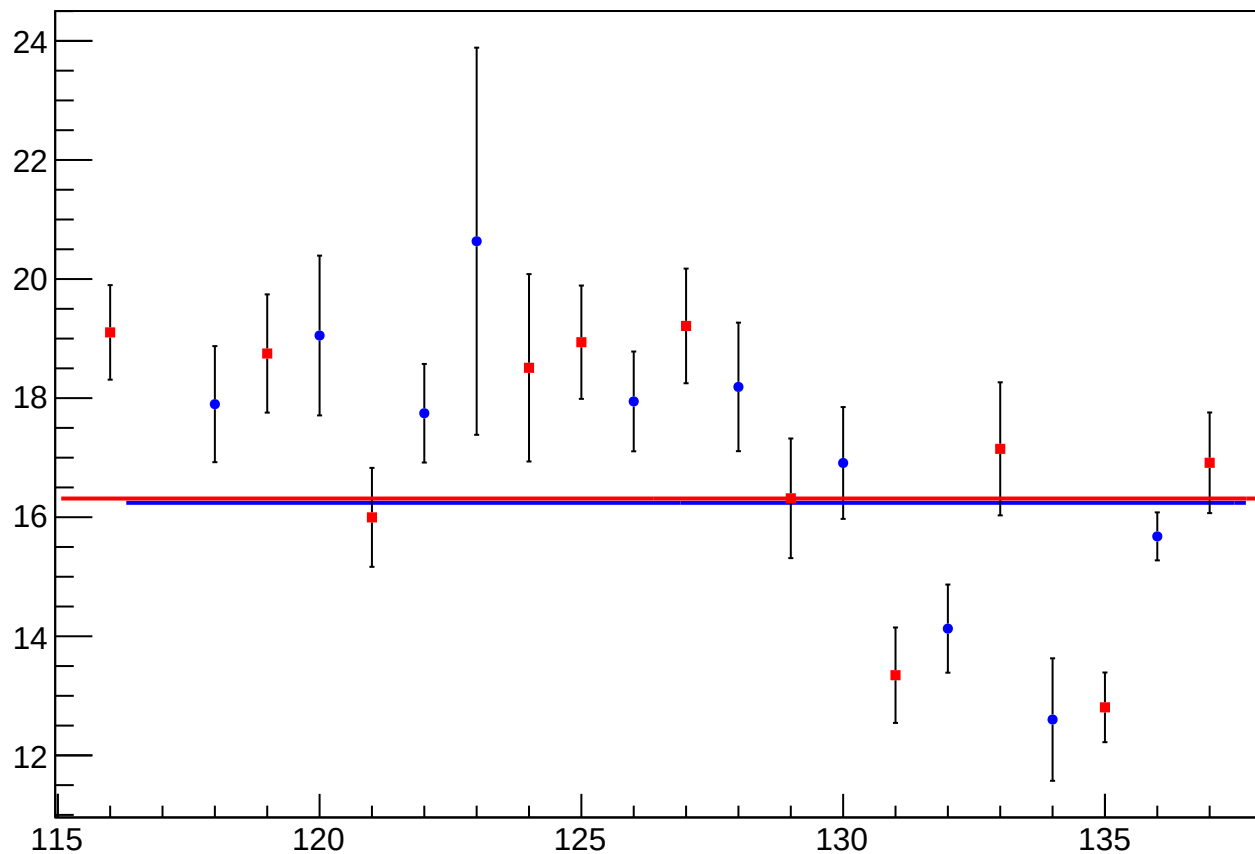
Right: 1.361 $\pm$ 0.097 χ^2 /NDF: 50.4/20

In: 1.330 $\pm$ 0.135 χ^2 /NDF:21.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.361 $\pm$ 0.097 χ^2 /NDF: 50.4/20

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 16.242 $\pm$ 0.254 χ^2 /NDF: 42.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.314 $\pm$ 0.264 χ^2 /NDF: 87.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

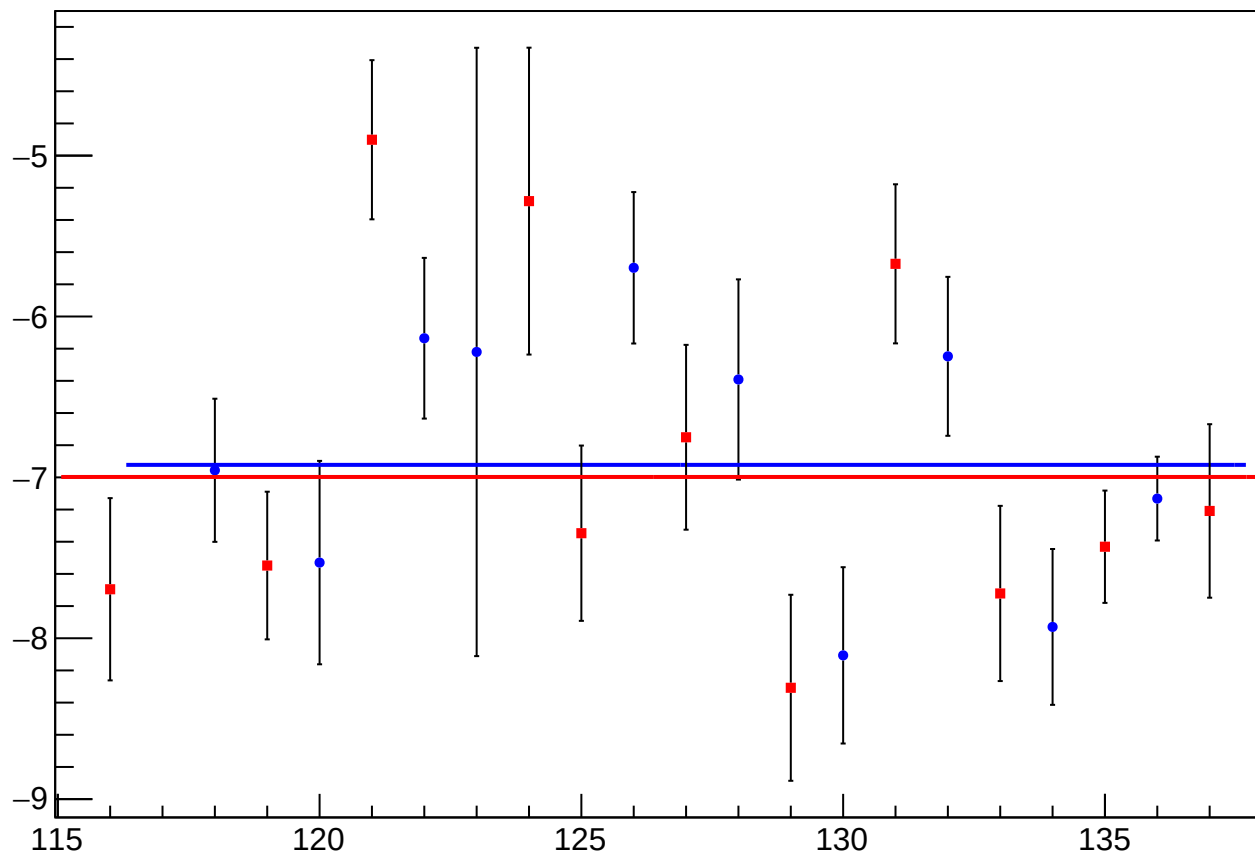
Right: 16.276 $\pm$ 0.183 χ^2 /NDF: 130.8/20

In: 16.242 $\pm$ 0.254 χ^2 /NDF: 42.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.276 $\pm$ 0.183 χ^2 /NDF: 130.8/20

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.922 ± 0.148 χ^2/NDF : 22.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.997 ± 0.155 χ^2/NDF : 40.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

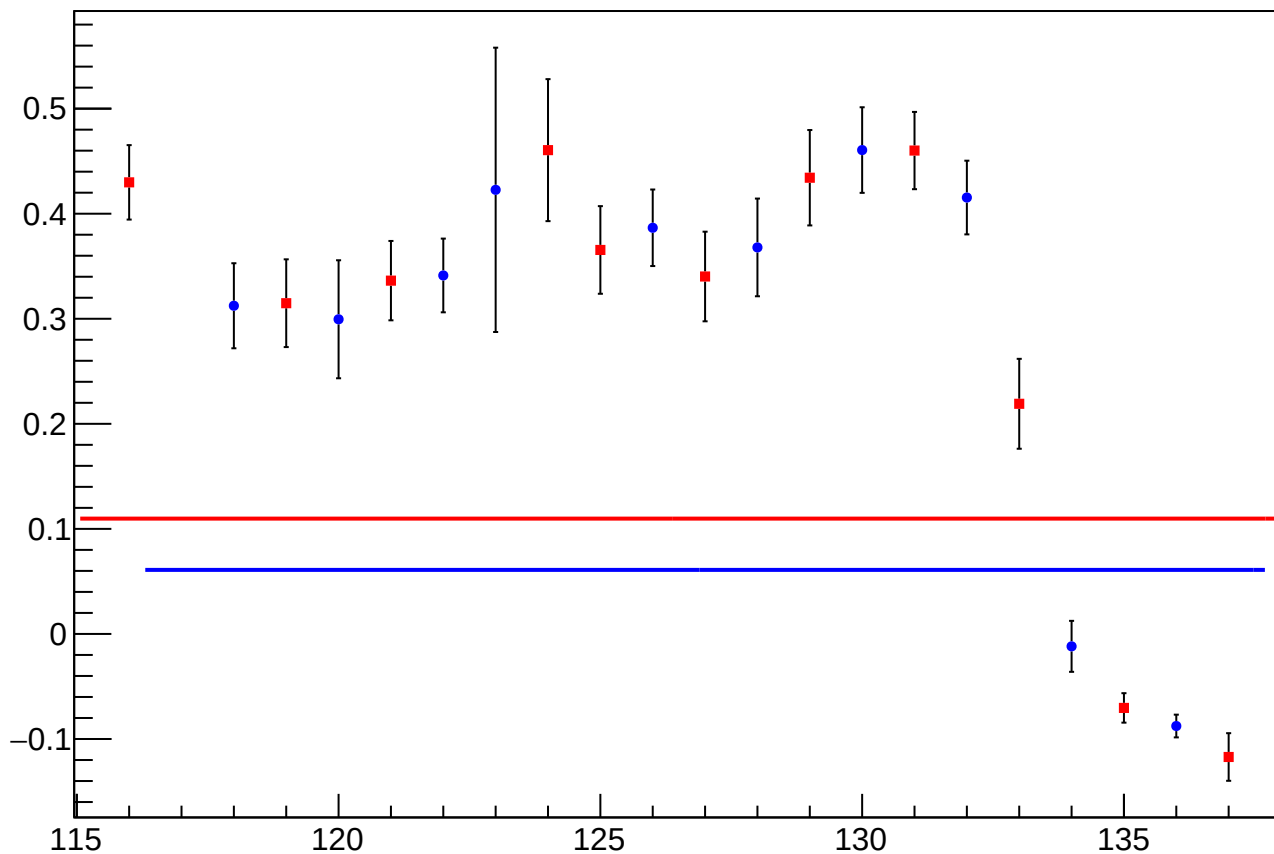
Right: -6.958 ± 0.107 χ^2/NDF : 63.2/20

In: -6.922 ± 0.148 χ^2/NDF : 22.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.958 ± 0.107 χ^2/NDF : 63.2/20

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.008 χ^2 /NDF: 647.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.110 $\pm$ 0.009 χ^2 /NDF: 649.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

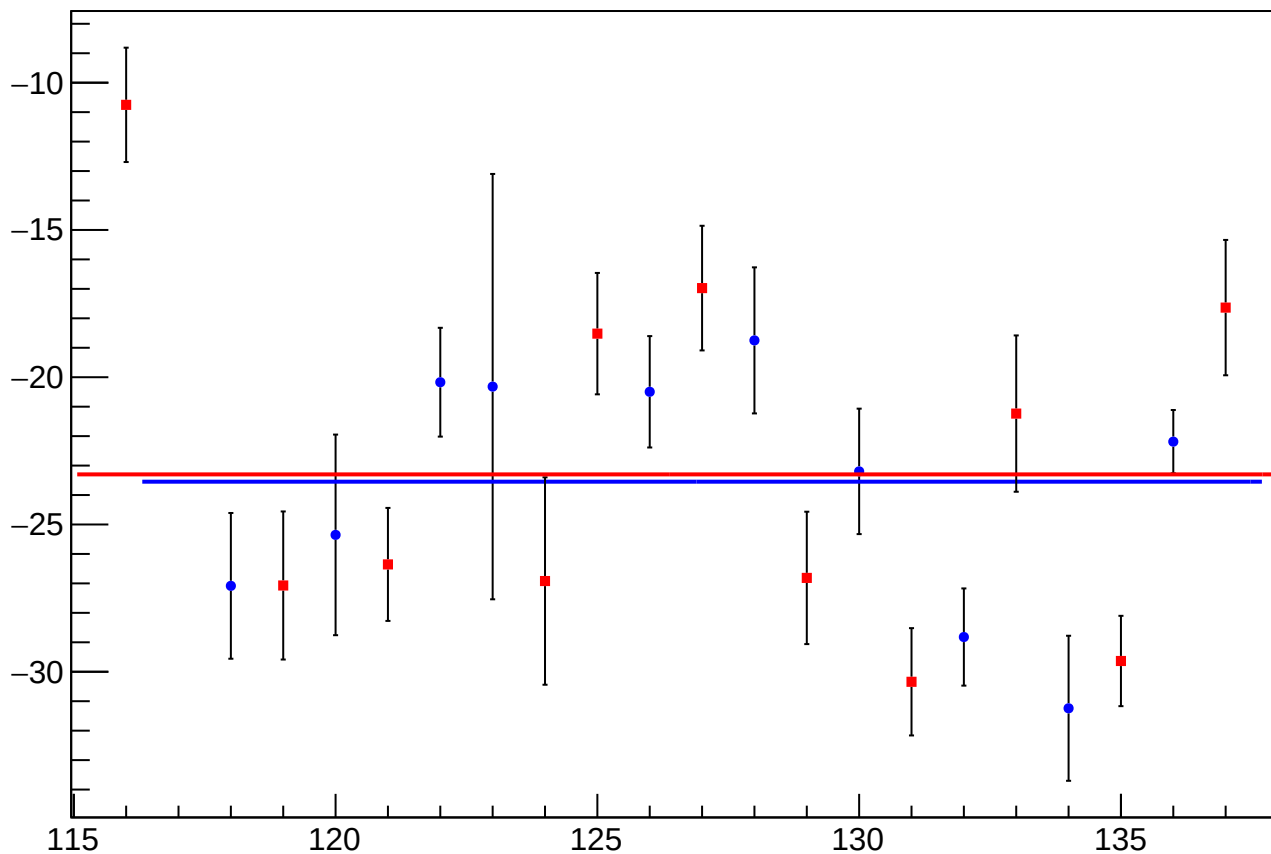
Right: 0.083 $\pm$ 0.006 χ^2 /NDF: 1311.9/20

In: 0.061 $\pm$ 0.008 χ^2 /NDF:647.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.083 $\pm$ 0.006 χ^2 /NDF: 1311.9/20

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -23.547 $\pm$ 0.617 χ^2 /NDF: 33.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.299 $\pm$ 0.634 χ^2 /NDF: 103.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

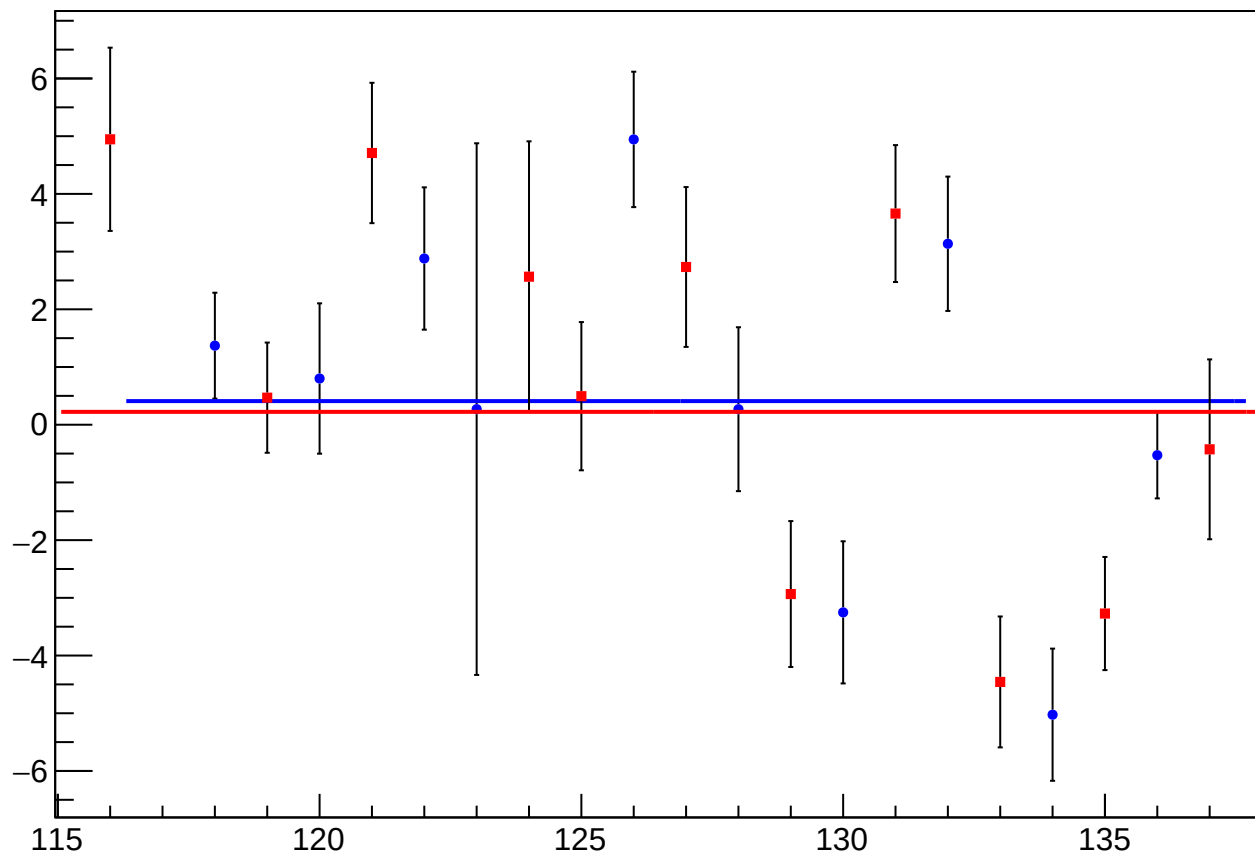
Right: -23.426 $\pm$ 0.442 χ^2 /NDF: 137.0/20

In: -23.547 $\pm$ 0.617 χ^2 /NDF:33.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.426 $\pm$ 0.442 χ^2 /NDF: 137.0/20

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.409+/-0.362 χ^2/NDF : 58.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.223+/-0.377 χ^2/NDF : 71.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

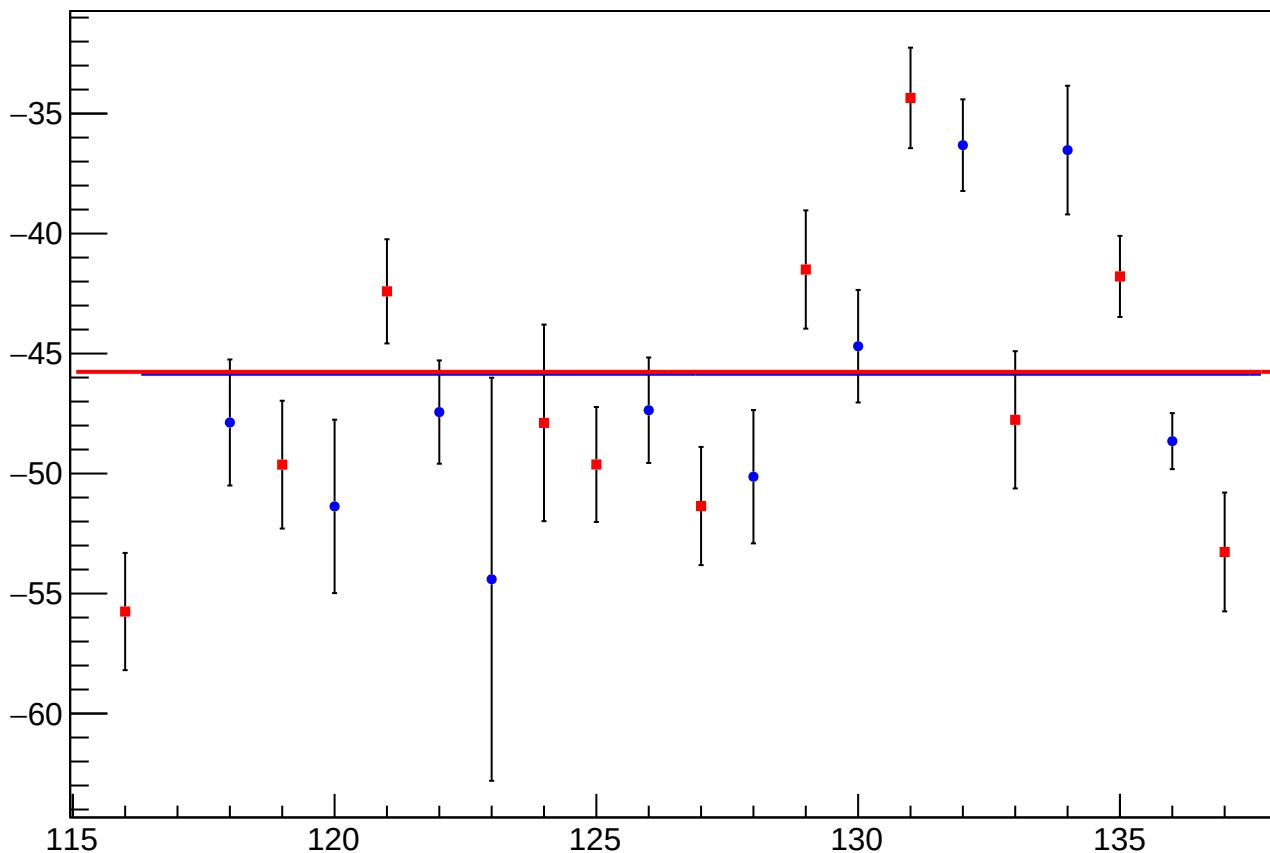
Right: 0.320+/-0.261 χ^2/NDF : 130.1/20

In: 0.409+/-0.362 χ^2/NDF : 58.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.320+/-0.261 χ^2/NDF : 130.1/20

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.842+/-0.687 χ^2/NDF : 50.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -45.762+/-0.717 χ^2/NDF : 77.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

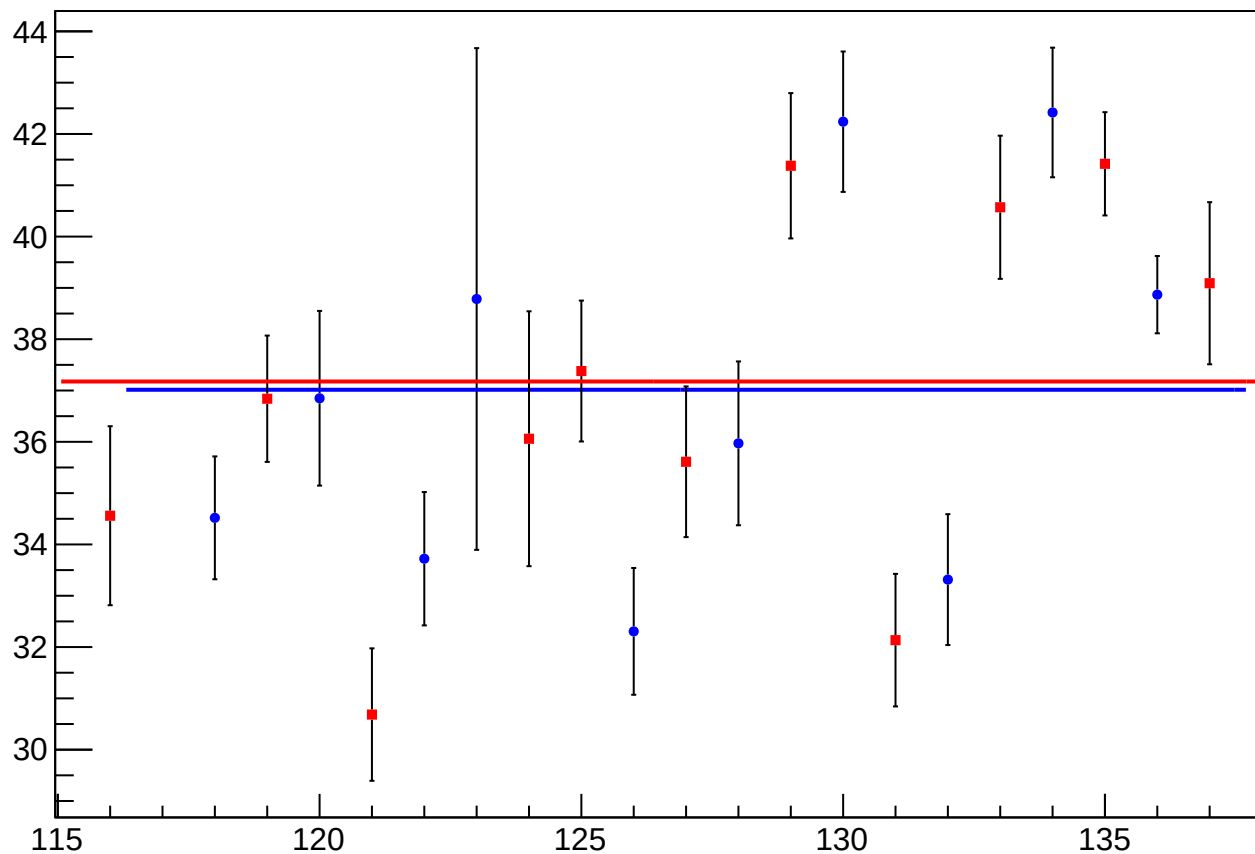
Right: -45.804+/-0.496 χ^2/NDF : 127.6/20

In: -45.842+/-0.687 χ^2/NDF :50.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -45.804+/-0.496 χ^2/NDF : 127.6/20

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.015+/-0.400 χ^2/NDF : 73.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.176+/-0.417 χ^2/NDF : 78.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

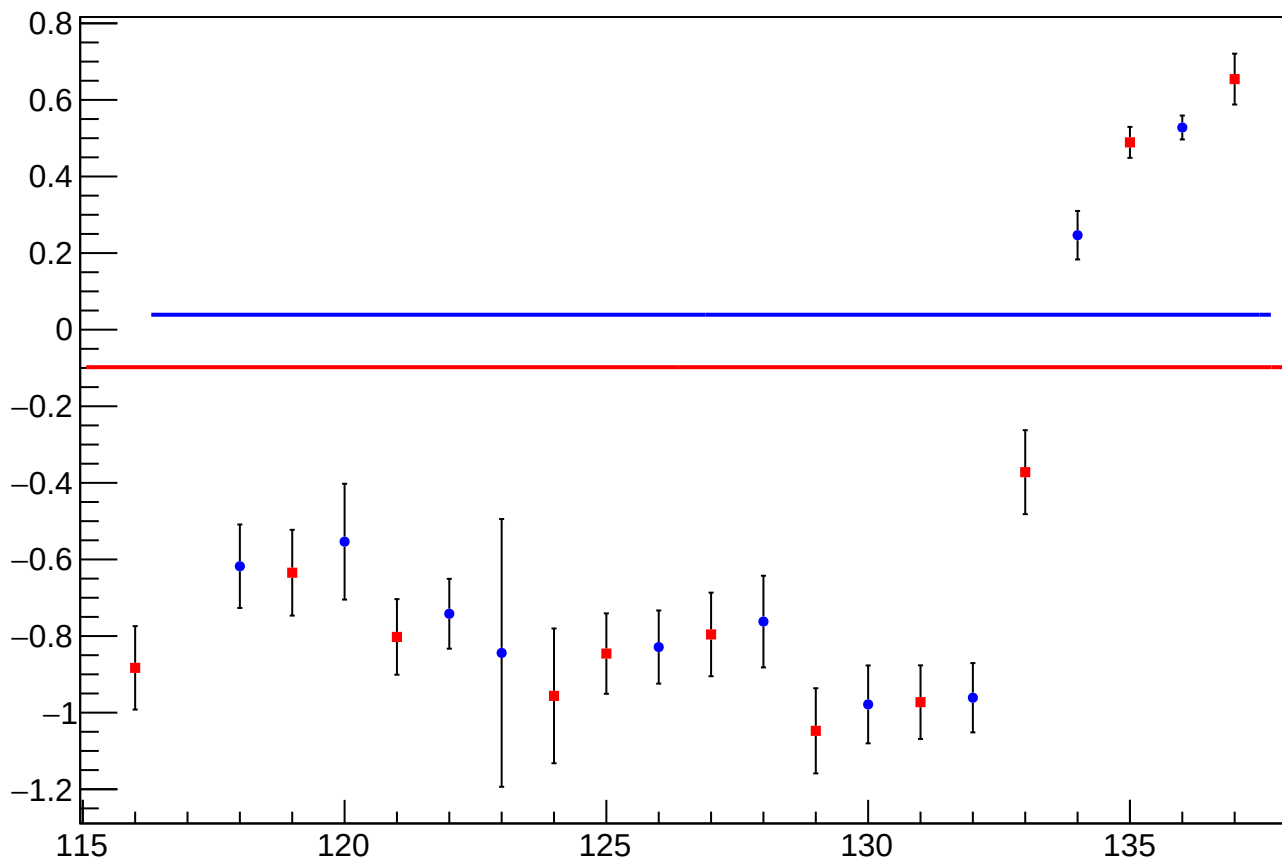
Right: 37.092+/-0.289 χ^2/NDF : 151.5/20

In: 37.015+/-0.400 χ^2/NDF : 73.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.092+/-0.289 χ^2/NDF : 151.5/20

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.039+/-0.023 χ^2/NDF : 737.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-0.025 χ^2/NDF : 742.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

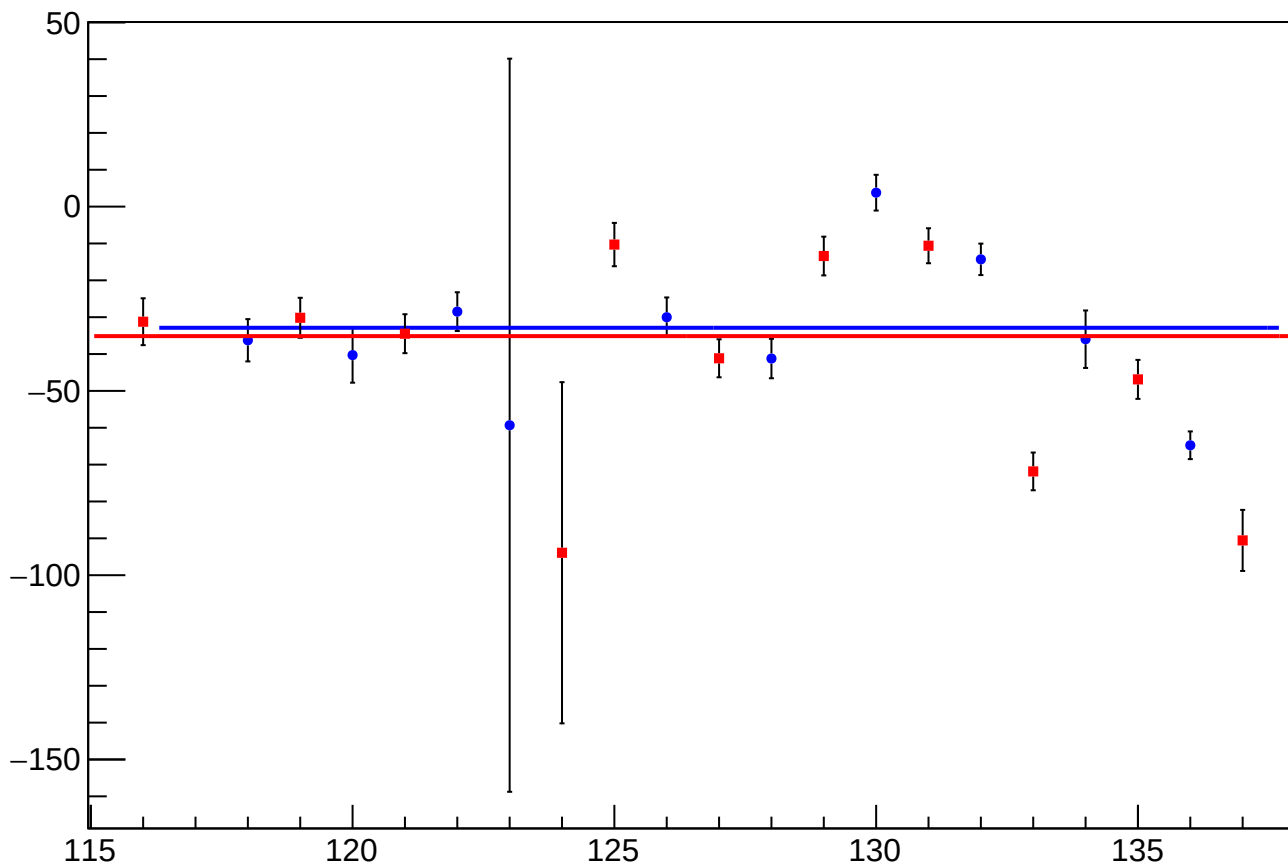
Right: -0.023+/-0.017 χ^2/NDF : 1495.8/20

In: 0.039+/-0.023 χ^2/NDF : 737.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.017 χ^2/NDF : 1495.8/20

reg_asym_atl1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -32.872 ± 1.718 χ^2/NDF : 152.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.137 ± 1.739 χ^2/NDF : 167.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

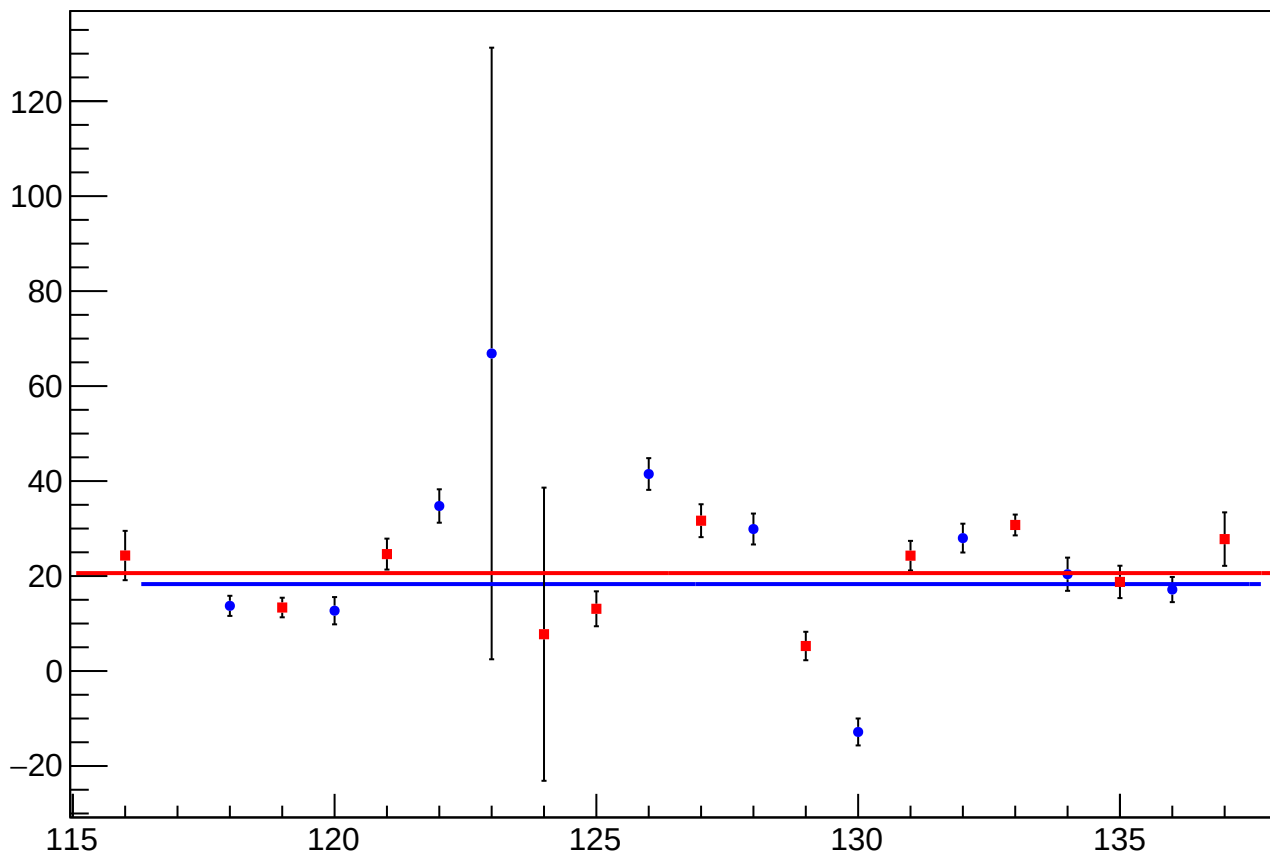
Right: -33.991 ± 1.222 χ^2/NDF : 320.7/20

In: -32.872 ± 1.718 χ^2/NDF : 152.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.991 ± 1.222 χ^2/NDF : 320.7/20

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.307+/-0.968 χ^2/NDF : 223.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.620+/-0.969 χ^2/NDF : 79.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

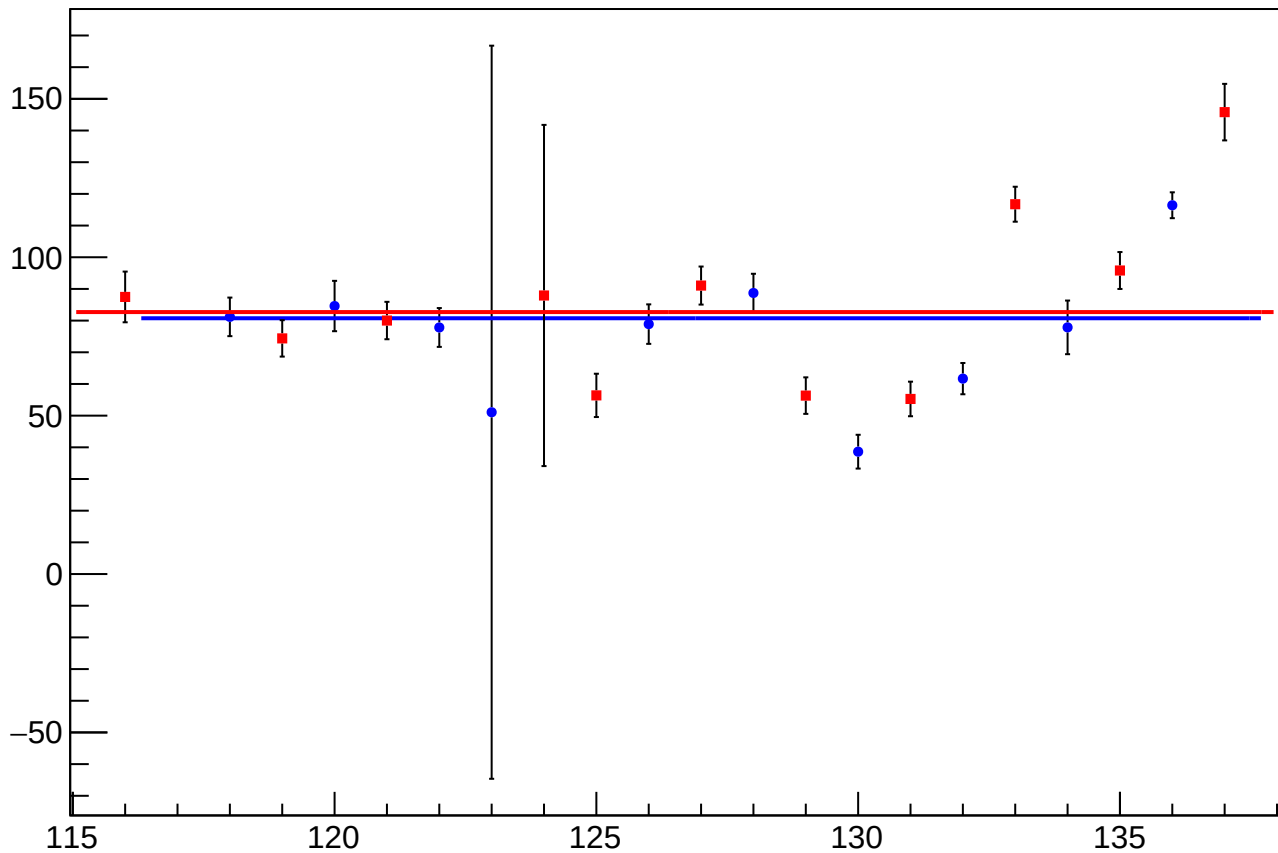
Right: 19.463+/-0.685 χ^2/NDF : 305.6/20

In: 18.307+/-0.968 χ^2/NDF : 223.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.463+/-0.685 χ^2/NDF : 305.6/20

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.741+/-1.915 χ^2/NDF : 156.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.695+/-1.951 χ^2/NDF : 158.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

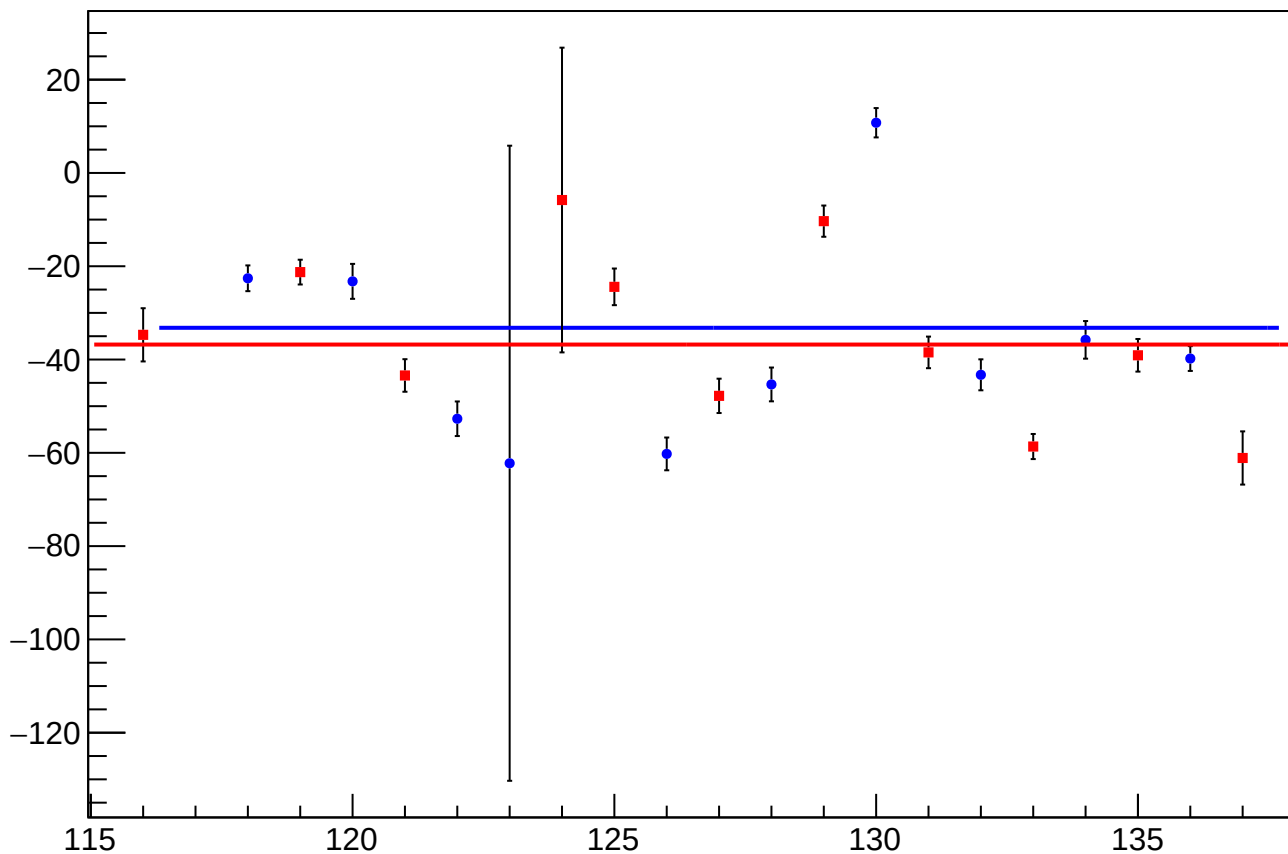
Right: 81.699+/-1.367 χ^2/NDF : 315.3/20

In: 80.741+/-1.915 χ^2/NDF : 156.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.699+/-1.367 χ^2/NDF : 315.3/20

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.196 ± 1.099 χ^2/NDF : 331.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.789 ± 1.103 χ^2/NDF : 205.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

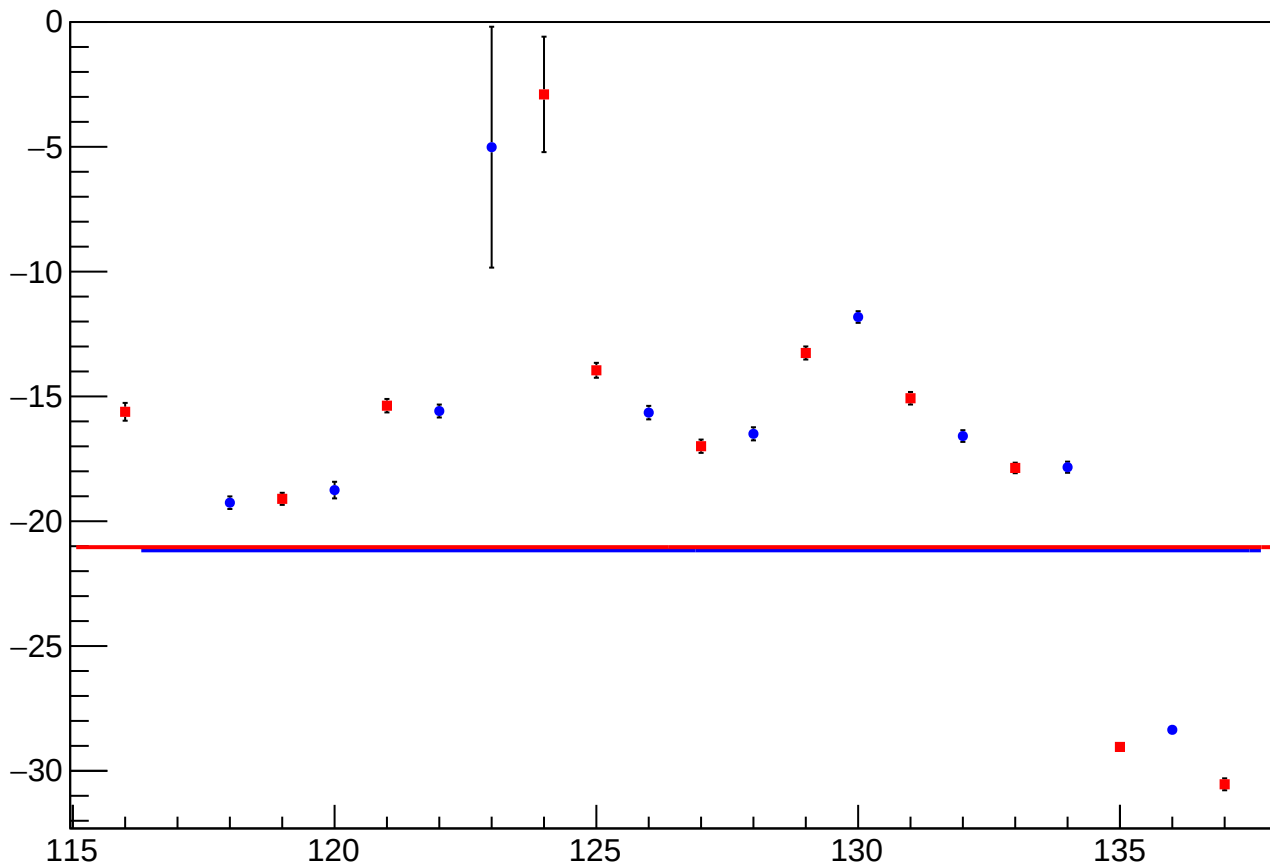
Right: -34.986 ± 0.779 χ^2/NDF : 541.8/20

In: -33.196 ± 1.099 χ^2/NDF : 331.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.986 ± 0.779 χ^2/NDF : 541.8/20

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.165+/-0.069 χ^2/NDF : 7827.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.039+/-0.074 χ^2/NDF : 8083.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

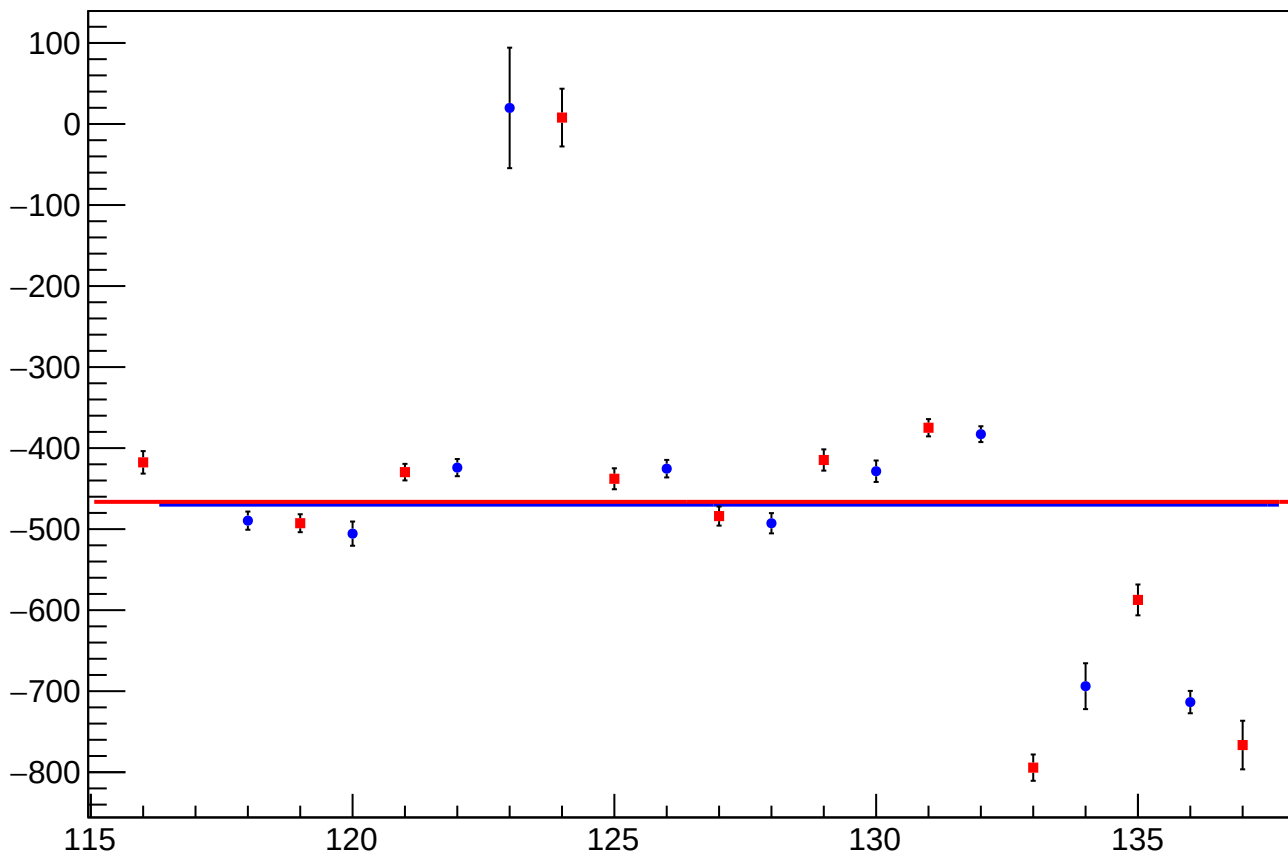
Right: -21.106+/-0.050 χ^2/NDF : 15913.2/20

In: -21.165+/-0.069 χ^2/NDF : 7827.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.106+/-0.050 χ^2/NDF : 15913.2/20

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -469.778+/-4.112 χ^2 /NDF: 554.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -466.334+/-4.110 χ^2 /NDF: 853.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

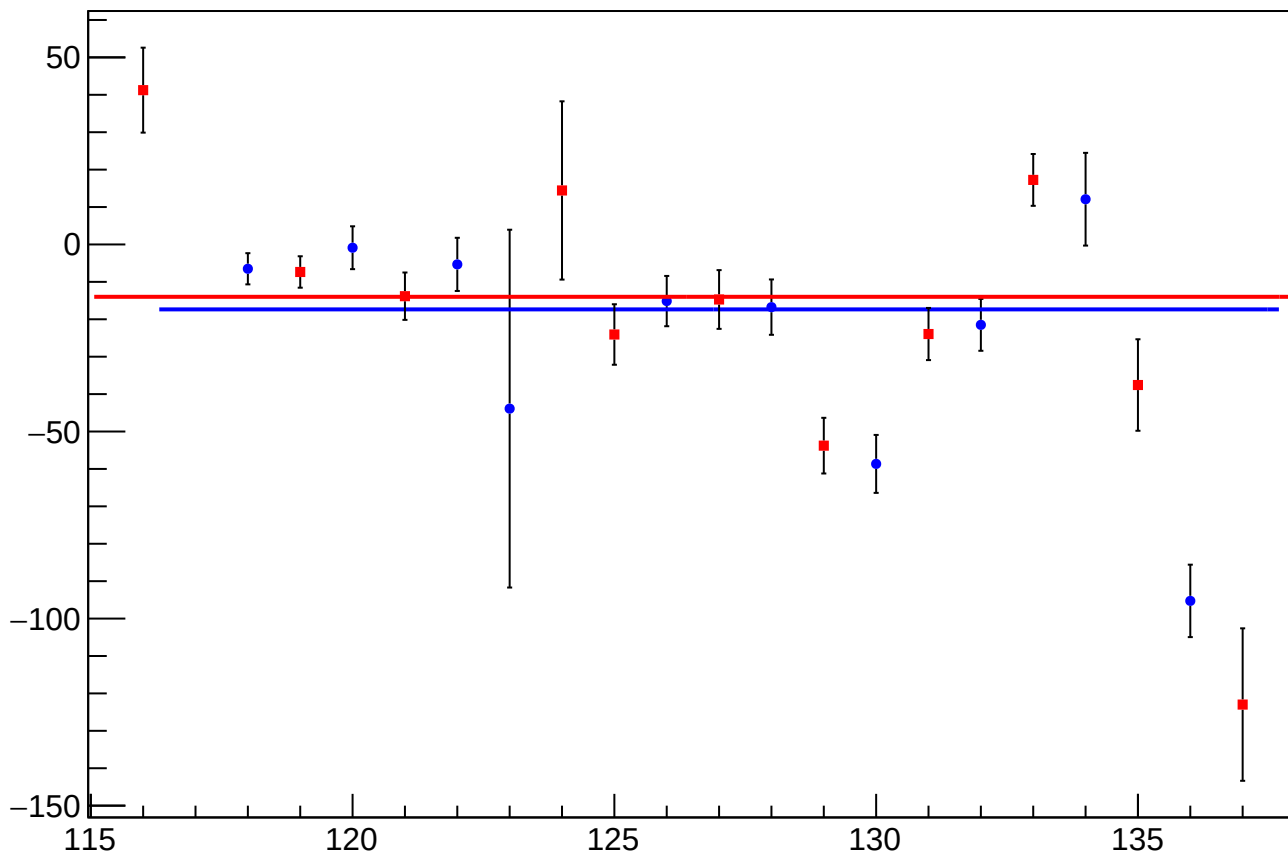
Right: -468.055+/-2.907 χ^2 /NDF: 1407.7/20

In: -469.778+/-4.112 χ^2 /NDF:554.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -468.055+/-2.907 χ^2 /NDF: 1407.7/20

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.357 ± 2.218 $\chi^2/\text{NDF}: 117.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.992 ± 2.287 $\chi^2/\text{NDF}: 112.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

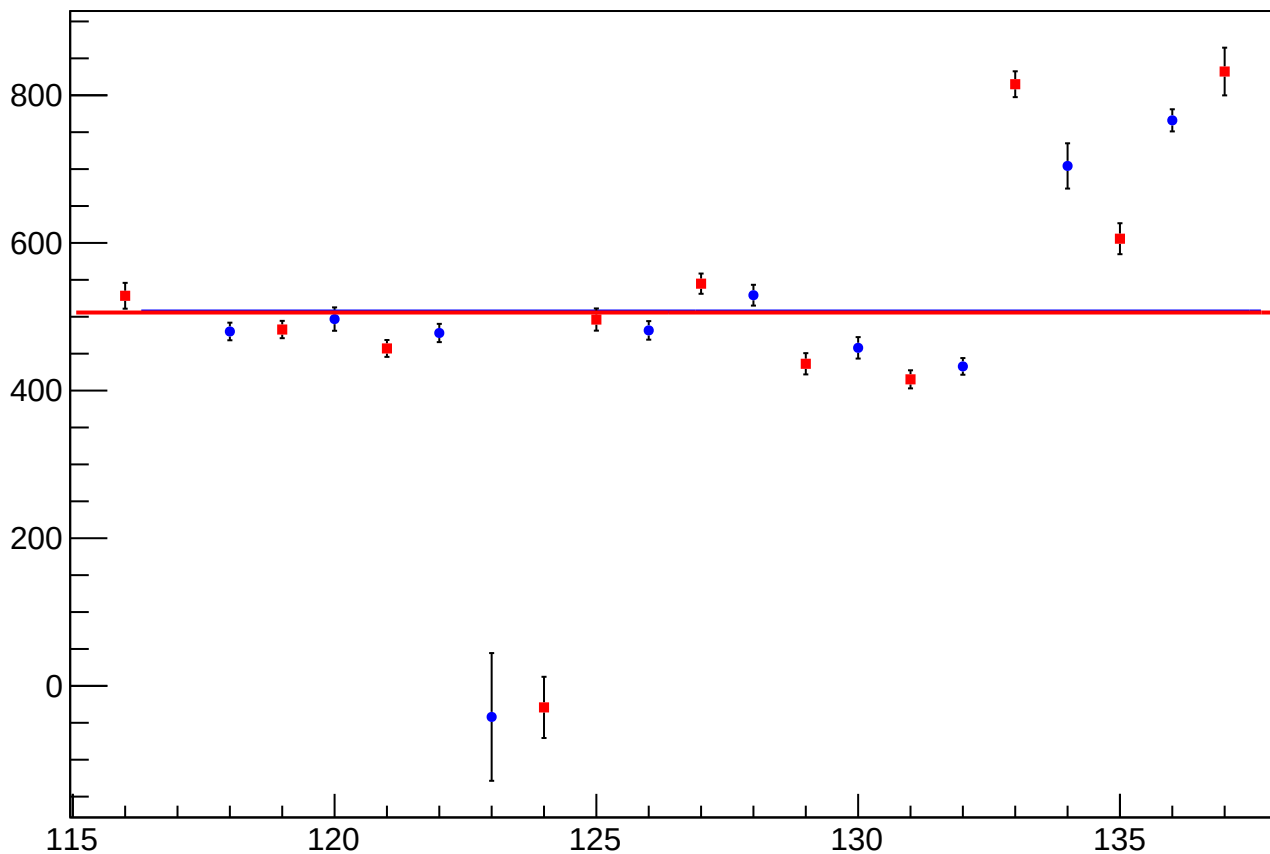
Right: -15.726 ± 1.592 $\chi^2/\text{NDF}: 231.1/20$

In: -17.357 ± 2.218 $\chi^2/\text{NDF}: 117.6/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.726 ± 1.592 $\chi^2/\text{NDF}: 231.1/20$

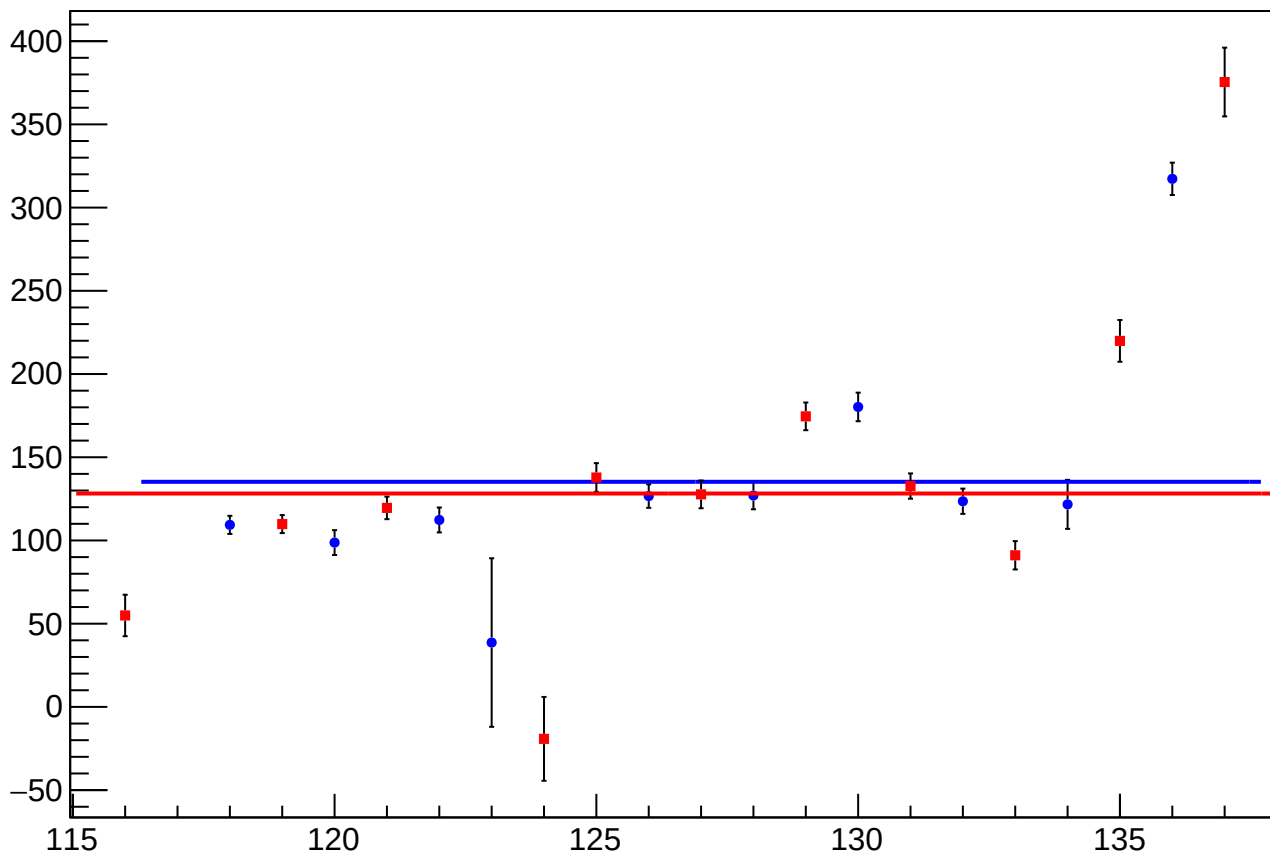
reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 507.106+/-4.605 χ^2/NDF : 452.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 505.732+/-4.637 χ^2/NDF : 713.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 506.424+/-3.268 χ^2/NDF : 1165.9/20
 In: 507.106+/-4.605 χ^2/NDF : 452.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 506.424+/-3.268 χ^2/NDF : 1165.9/20

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 135.250+/-2.575 χ^2/NDF : 443.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.208+/-2.616 χ^2/NDF : 330.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

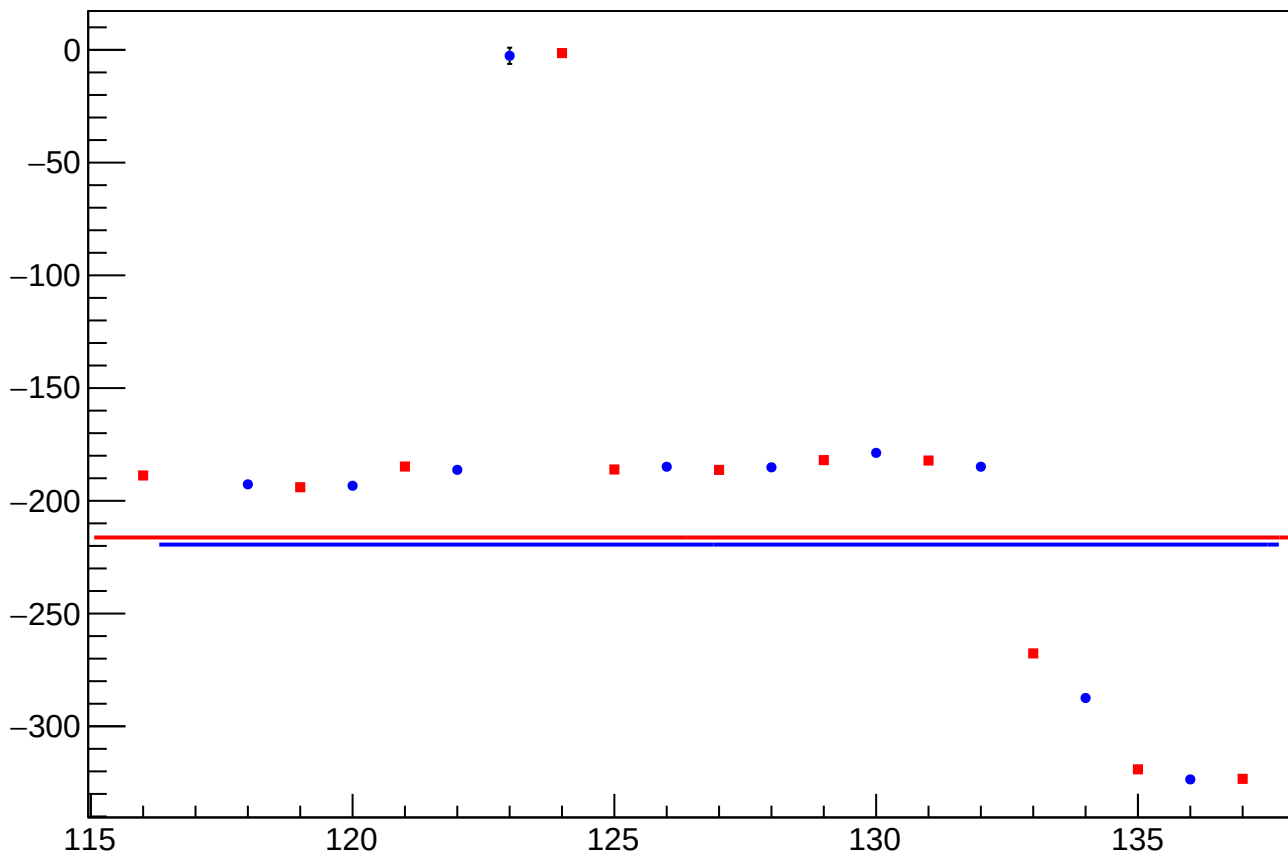
Right: 131.785+/-1.835 χ^2/NDF : 777.4/20

In: 135.250+/-2.575 χ^2/NDF : 443.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.785+/-1.835 χ^2/NDF : 777.4/20

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.414+/-0.184 χ^2/NDF : 100658.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -216.261+/-0.190 χ^2/NDF : 94864.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

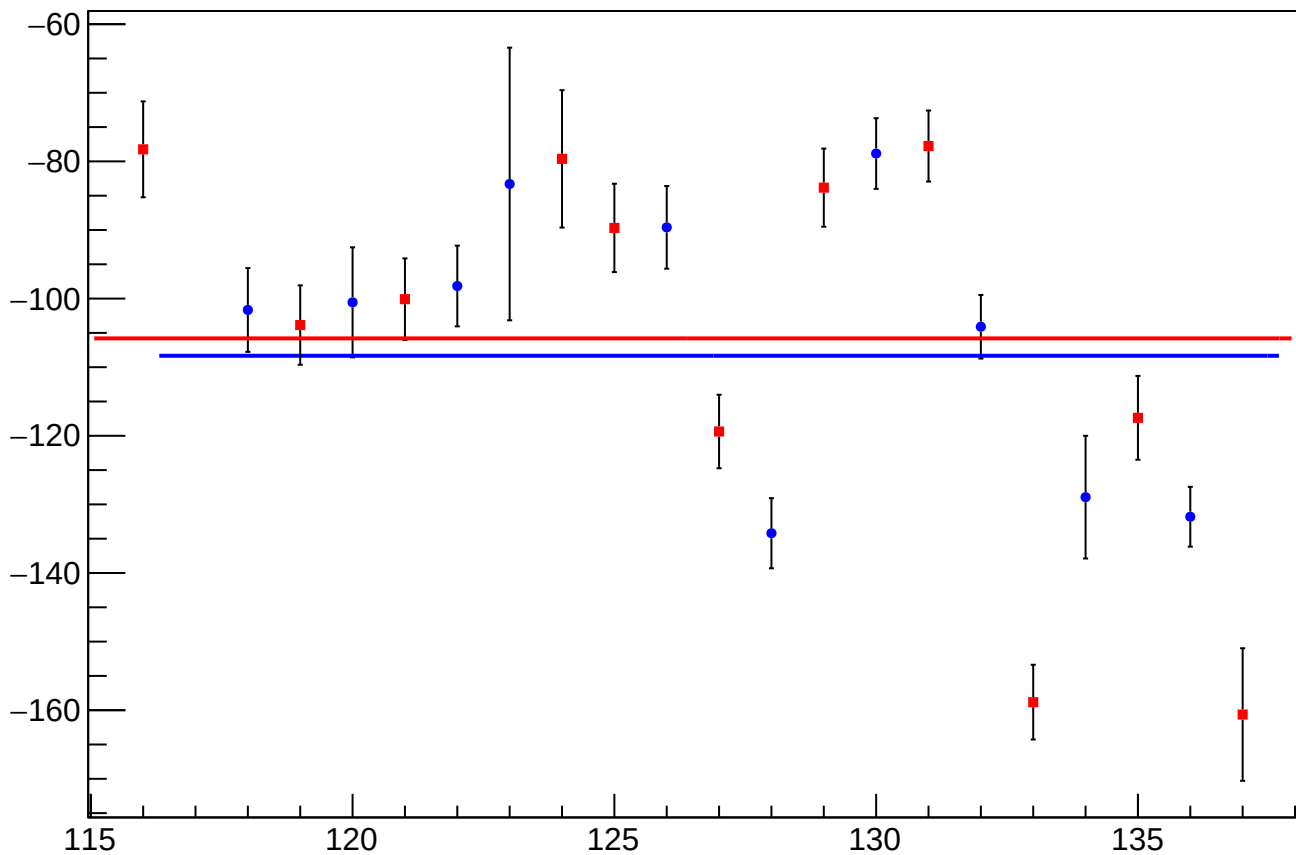
Right: -217.888+/-0.132 χ^2/NDF : 195665.0/20

In: -219.414+/-0.184 χ^2/NDF :100658.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -217.888+/-0.132 χ^2/NDF : 195665.0/20

reg_asym_atr1_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -108.336+/-1.860 χ^2 /NDF: 109.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -105.801+/-1.867 χ^2 /NDF: 210.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

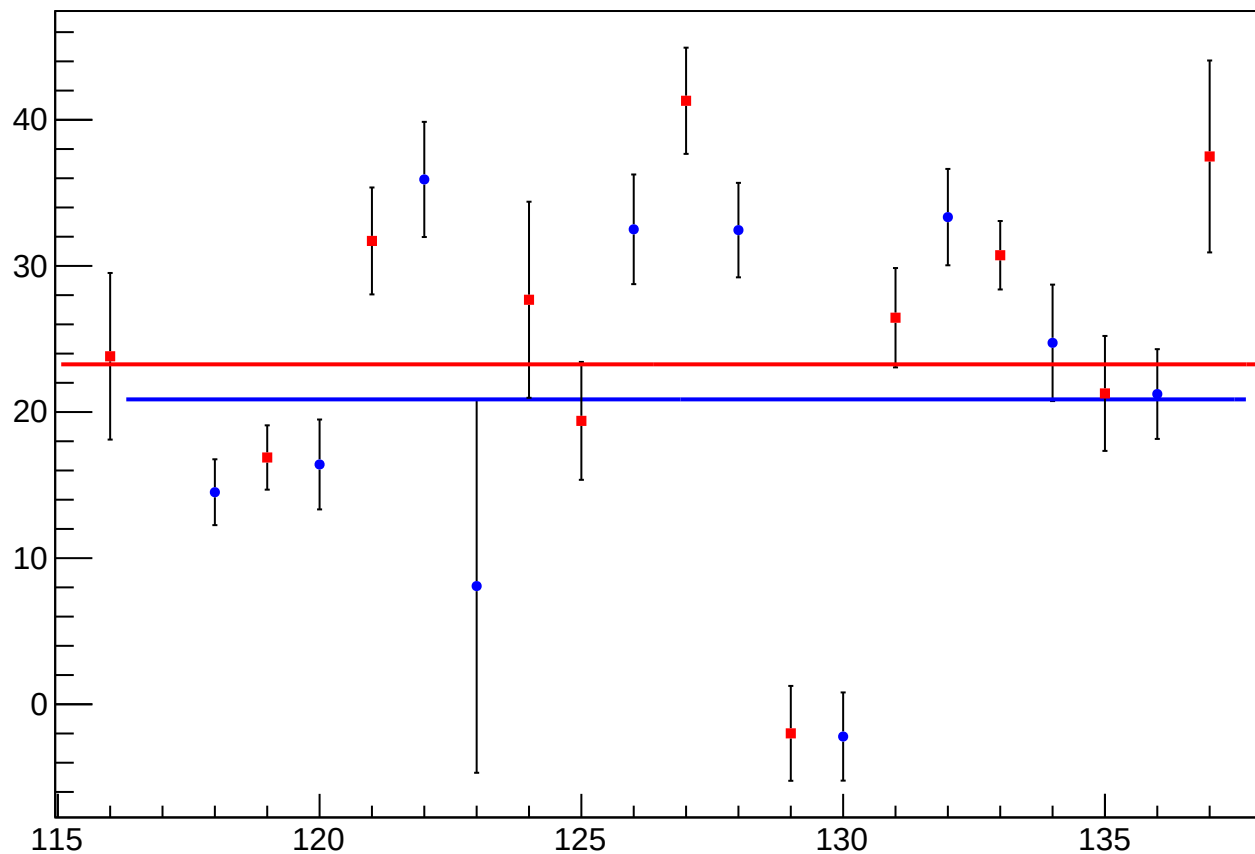
Right: -107.073+/-1.318 χ^2 /NDF: 321.6/20

In: -108.336+/-1.860 χ^2 /NDF:109.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -107.073+/-1.318 χ^2 /NDF: 321.6/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.866+/-1.048 χ^2/NDF : 121.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.264+/-1.041 χ^2/NDF : 116.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

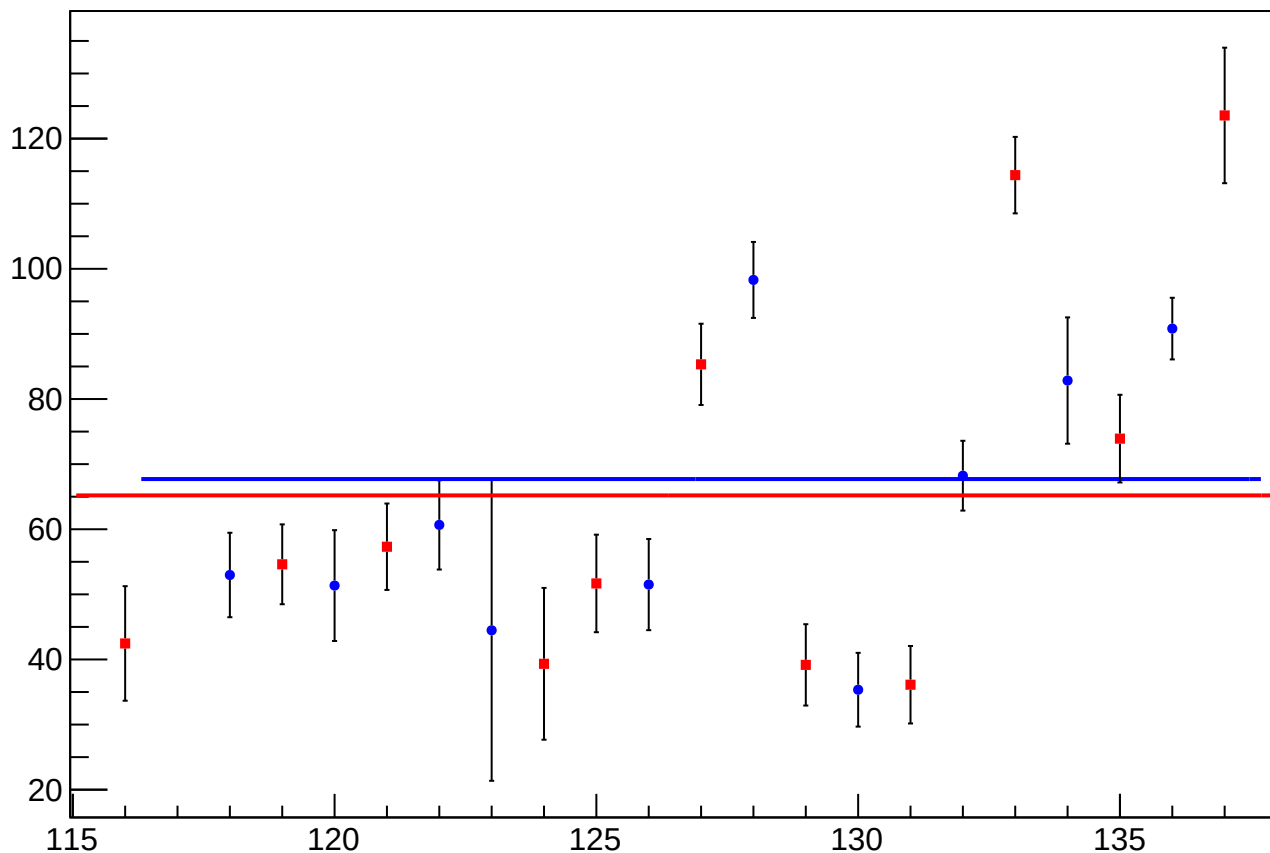
Right: 22.073+/-0.739 χ^2/NDF : 240.7/20

In: 20.866+/-1.048 χ^2/NDF : 121.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.073+/-0.739 χ^2/NDF : 240.7/20

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.709+/-2.078 χ^2/NDF : 102.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.199+/-2.098 χ^2/NDF : 174.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

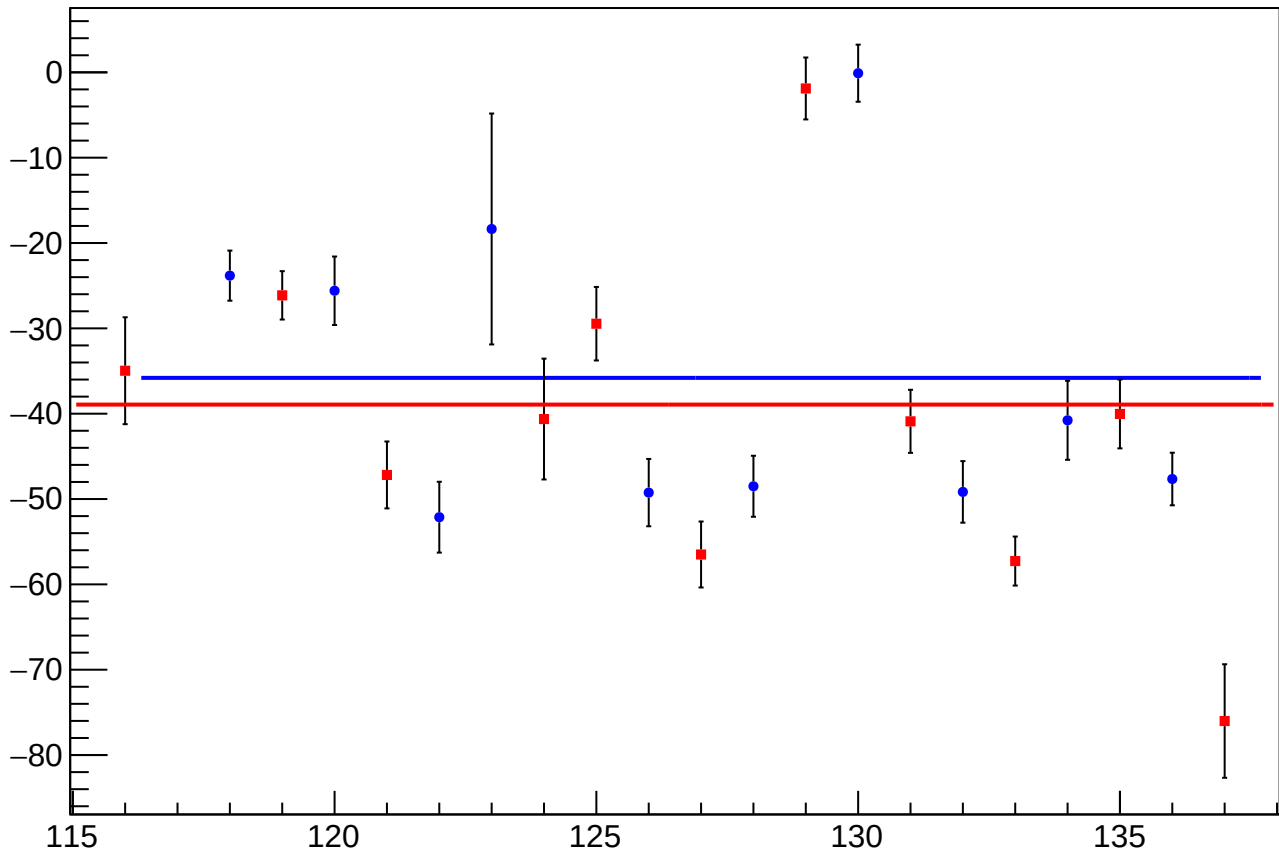
Right: 66.467+/-1.476 χ^2/NDF : 277.5/20

In: 67.709+/-2.078 χ^2/NDF : 102.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.467+/-1.476 χ^2/NDF : 277.5/20

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.802 ± 1.193 $\chi^2/\text{NDF}: 208.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.933 ± 1.187 $\chi^2/\text{NDF}: 227.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

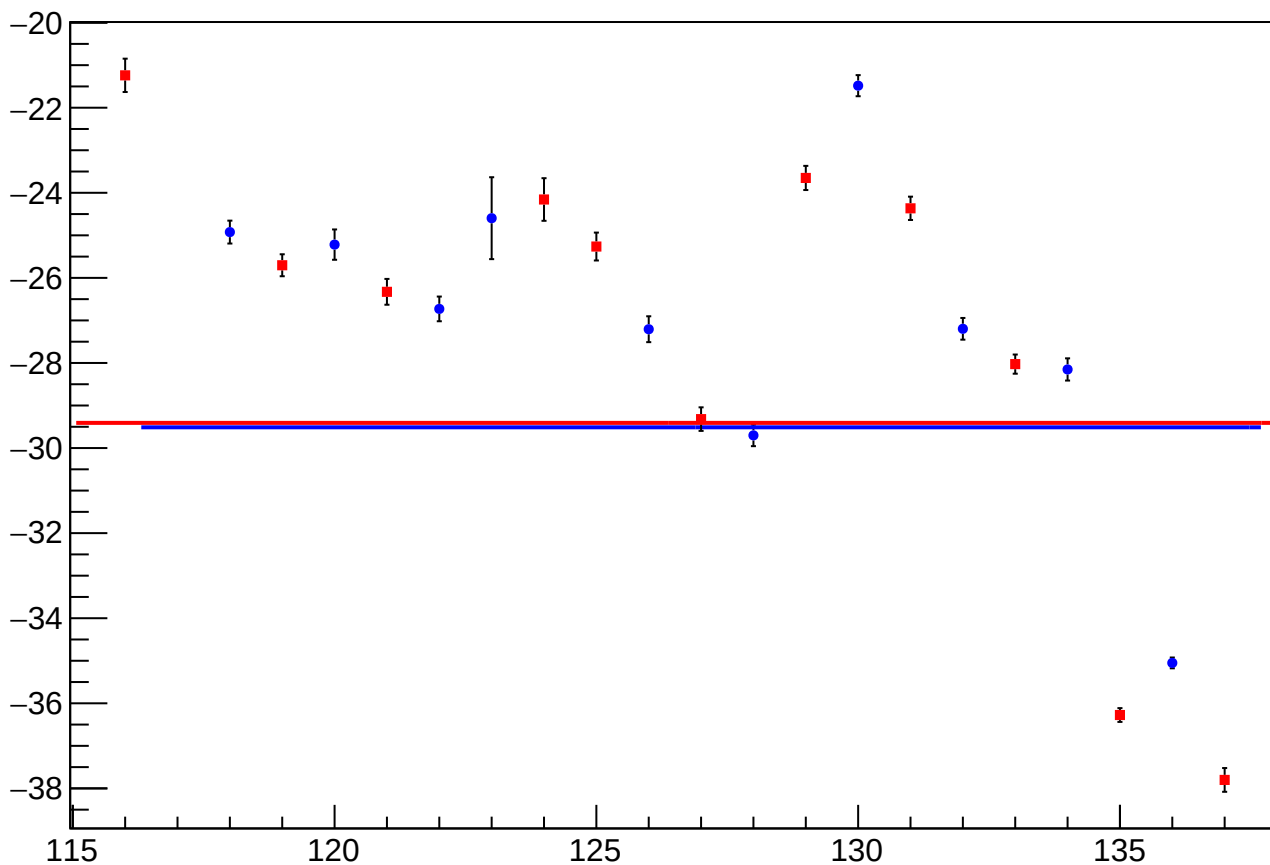
Right: -37.376 ± 0.841 $\chi^2/\text{NDF}: 438.8/20$

In: -35.802 ± 1.193 $\chi^2/\text{NDF}: 208.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -37.376 ± 0.841 $\chi^2/\text{NDF}: 438.8/20$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.513 $\pm$ 0.077 χ^2 /NDF: 3671.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.408 $\pm$ 0.080 χ^2 /NDF: 4496.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

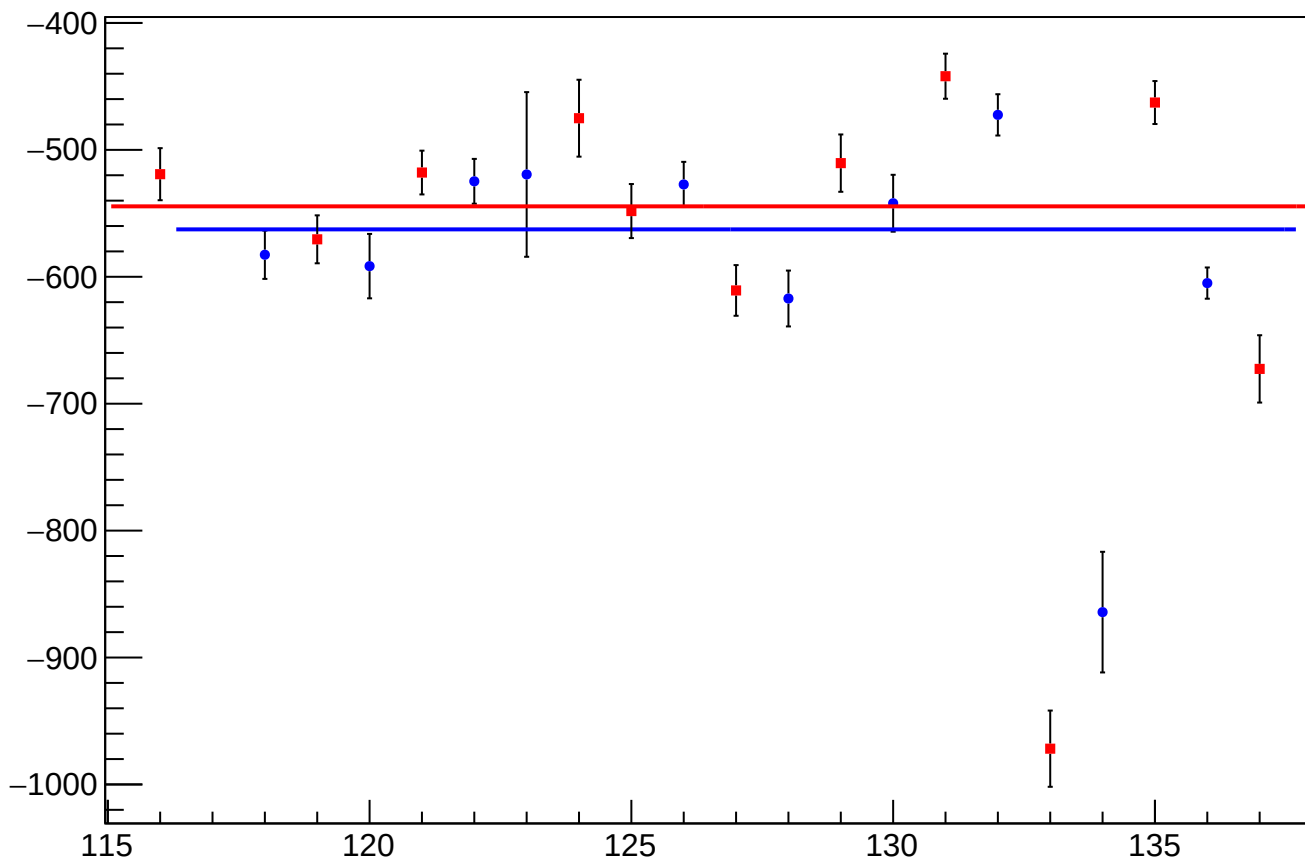
Right: -29.463 $\pm$ 0.056 χ^2 /NDF: 8169.1/20

In: -29.513 $\pm$ 0.077 χ^2 /NDF:3671.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.463 $\pm$ 0.056 χ^2 /NDF: 8169.1/20

reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -562.642 $\pm$ 6.226 χ^2 /NDF: 101.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -544.501 $\pm$ 6.263 χ^2 /NDF: 306.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

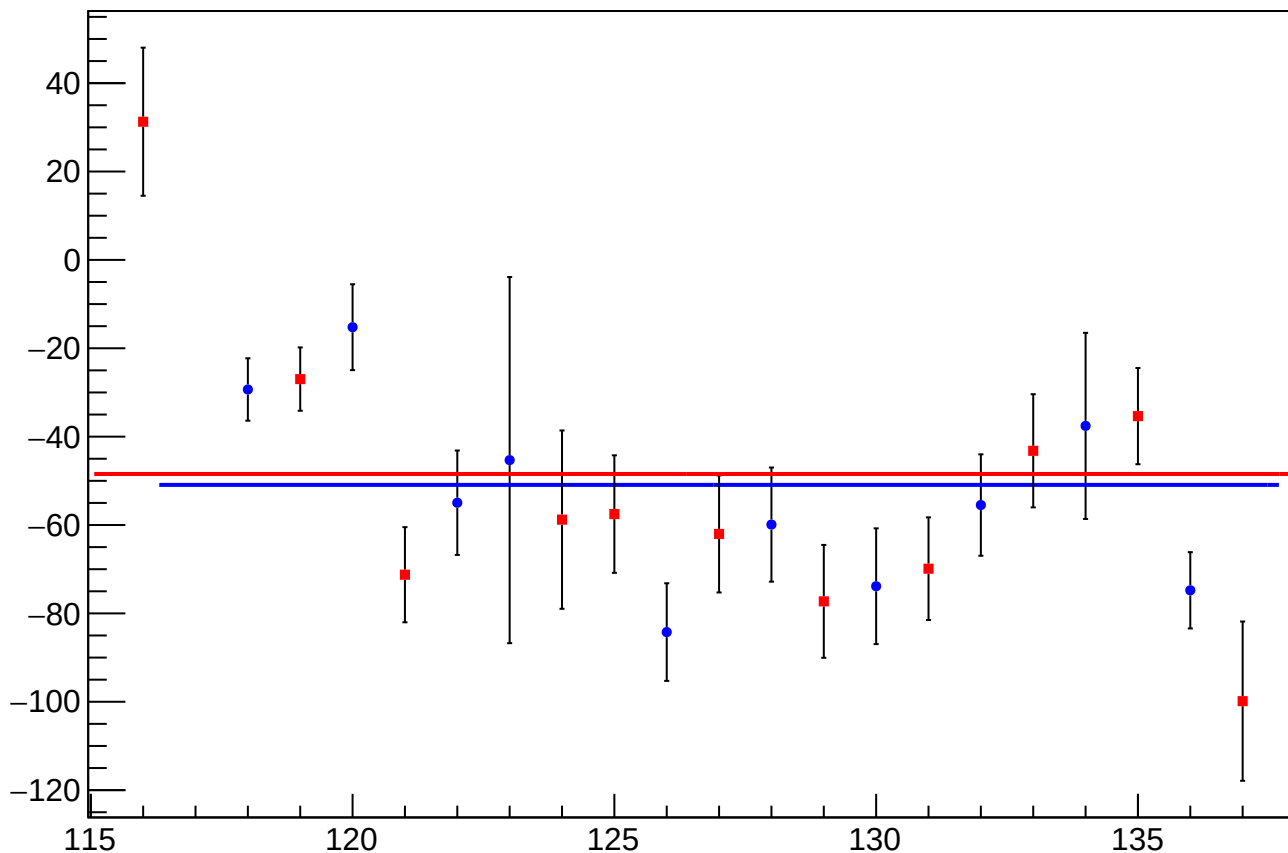
Right: -553.625 $\pm$ 4.415 χ^2 /NDF: 412.2/20

In: -562.642 $\pm$ 6.226 χ^2 /NDF:101.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -553.625 $\pm$ 4.415 χ^2 /NDF: 412.2/20

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -50.918+/-3.499 χ^2/NDF : 43.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.449+/-3.613 χ^2/NDF : 56.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

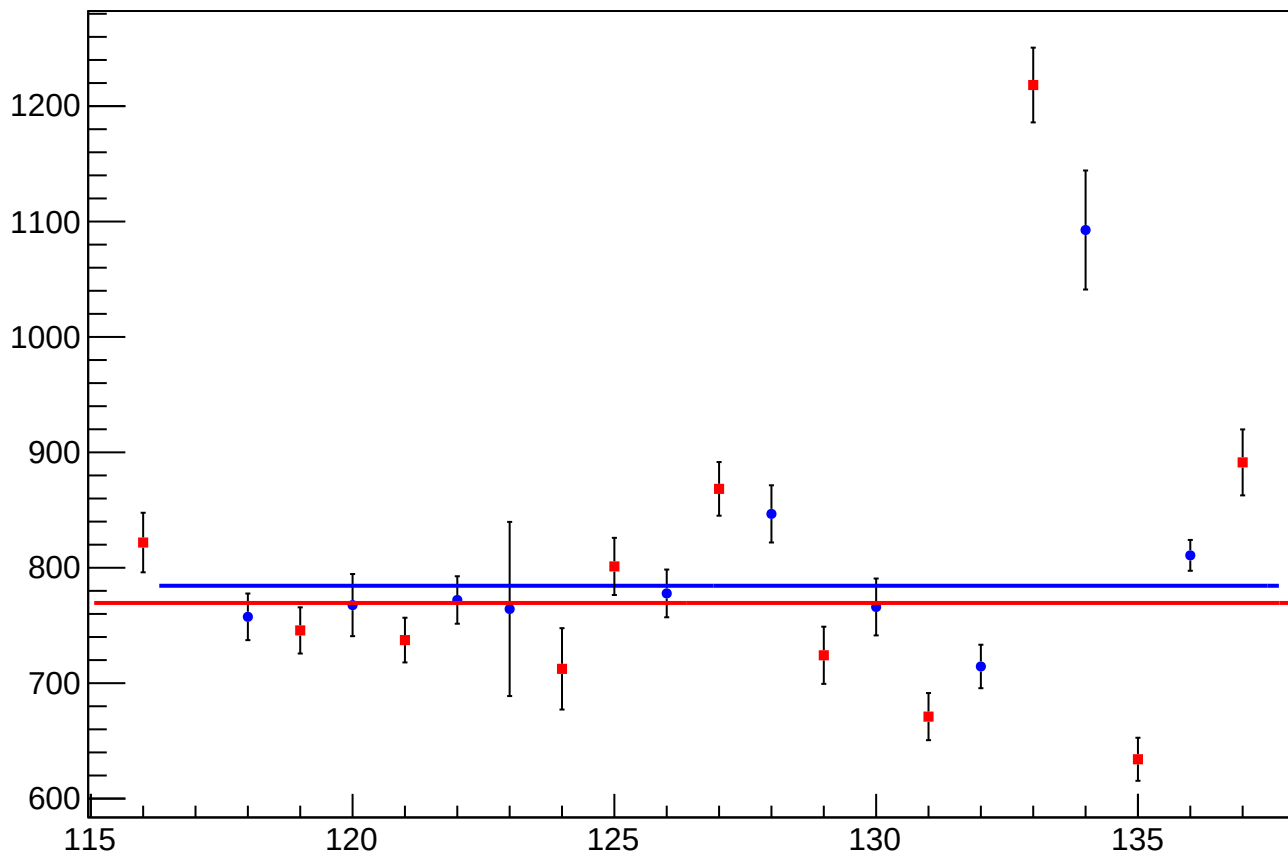
Right: -49.723+/-2.514 χ^2/NDF : 100.2/20

In: -50.918+/-3.499 χ^2/NDF : 43.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.723+/-2.514 χ^2/NDF : 100.2/20

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 784.412+/-6.937 χ^2/NDF : 63.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 769.509+/-7.066 χ^2/NDF : 320.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

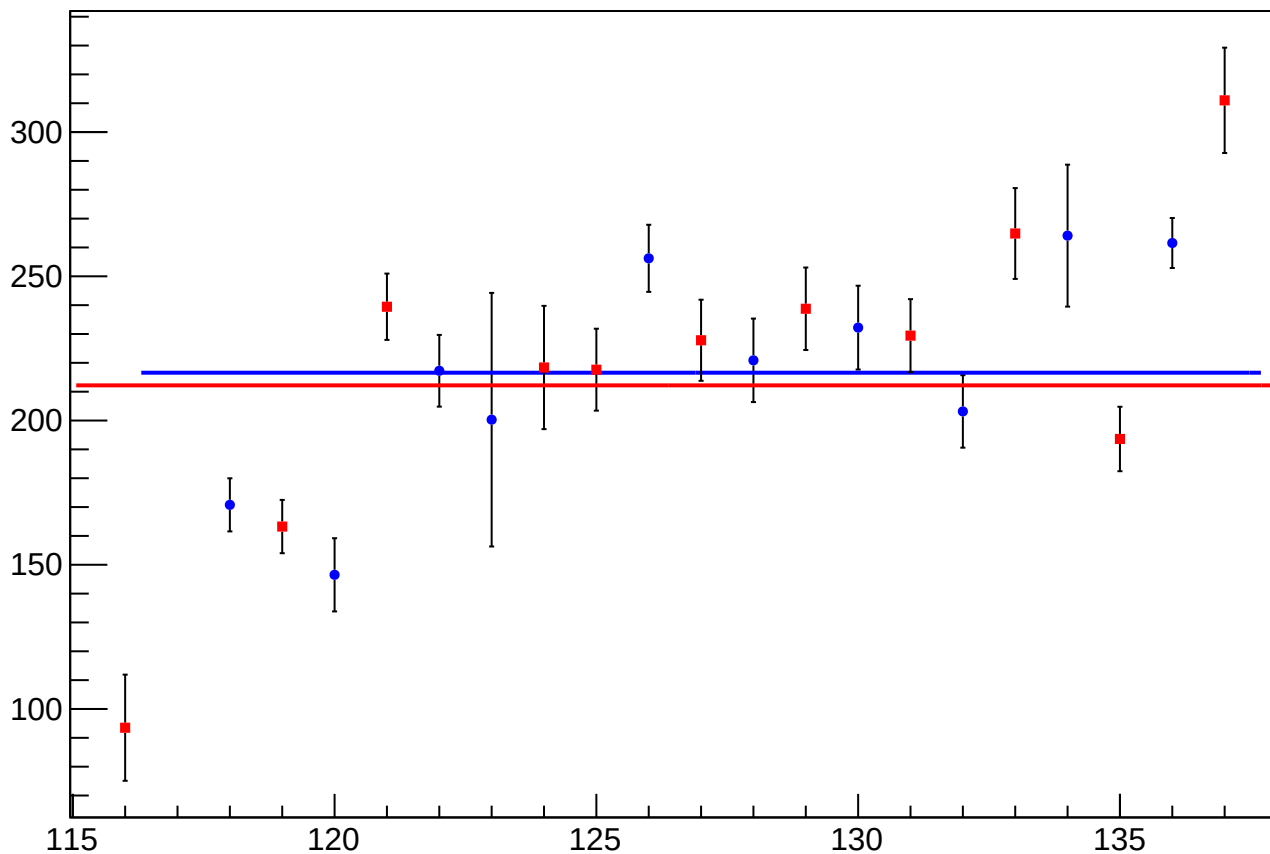
Right: 777.098+/-4.950 χ^2/NDF : 385.5/20

In: 784.412+/-6.937 χ^2/NDF : 63.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.098+/-4.950 χ^2/NDF : 385.5/20

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 216.579+/-3.978 χ^2/NDF : 100.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.193+/-4.061 χ^2/NDF : 125.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

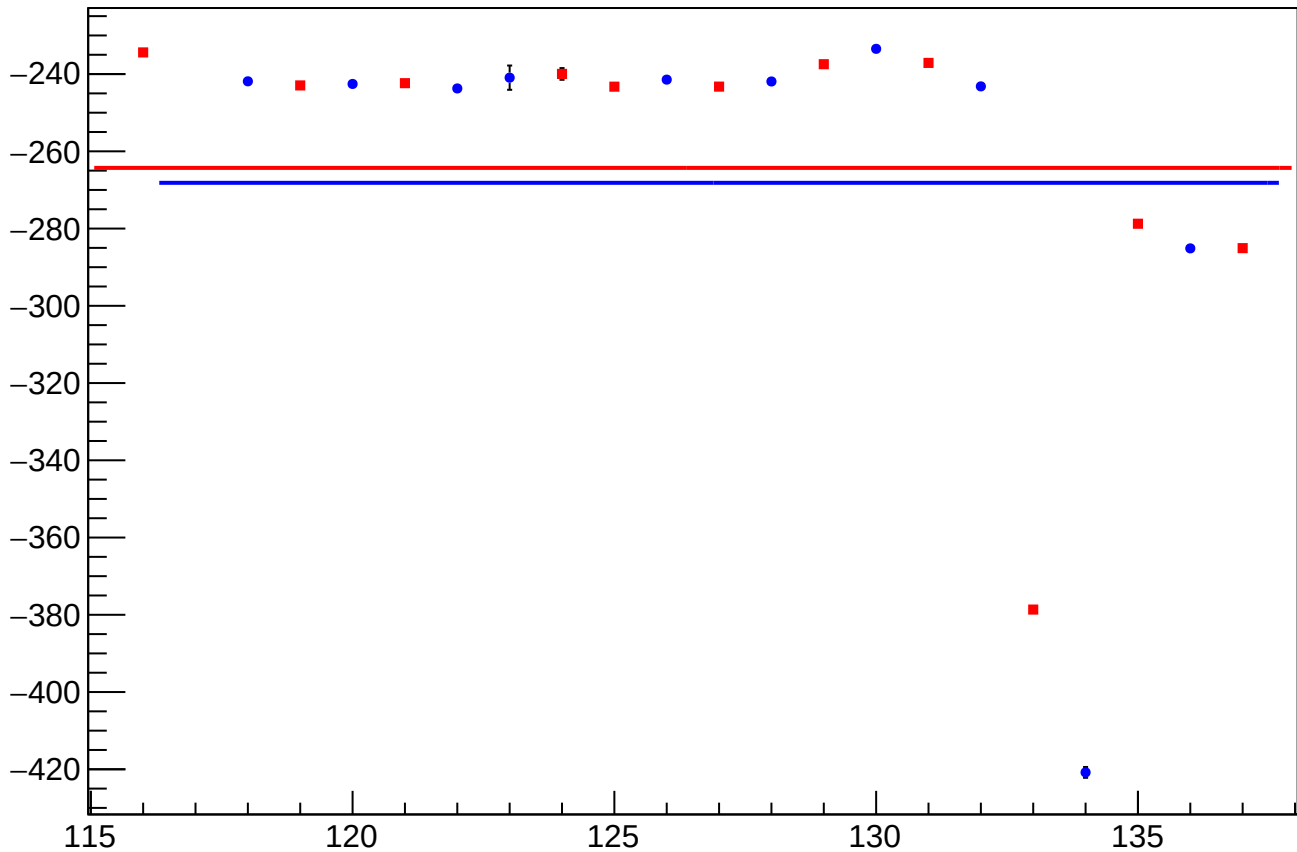
Right: 214.431+/-2.842 χ^2/NDF : 225.9/20

In: 216.579+/-3.978 χ^2/NDF : 100.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.431+/-2.842 χ^2/NDF : 225.9/20

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -268.153+/-0.249 χ^2/NDF : 19783.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -264.286+/-0.259 χ^2/NDF : 14687.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

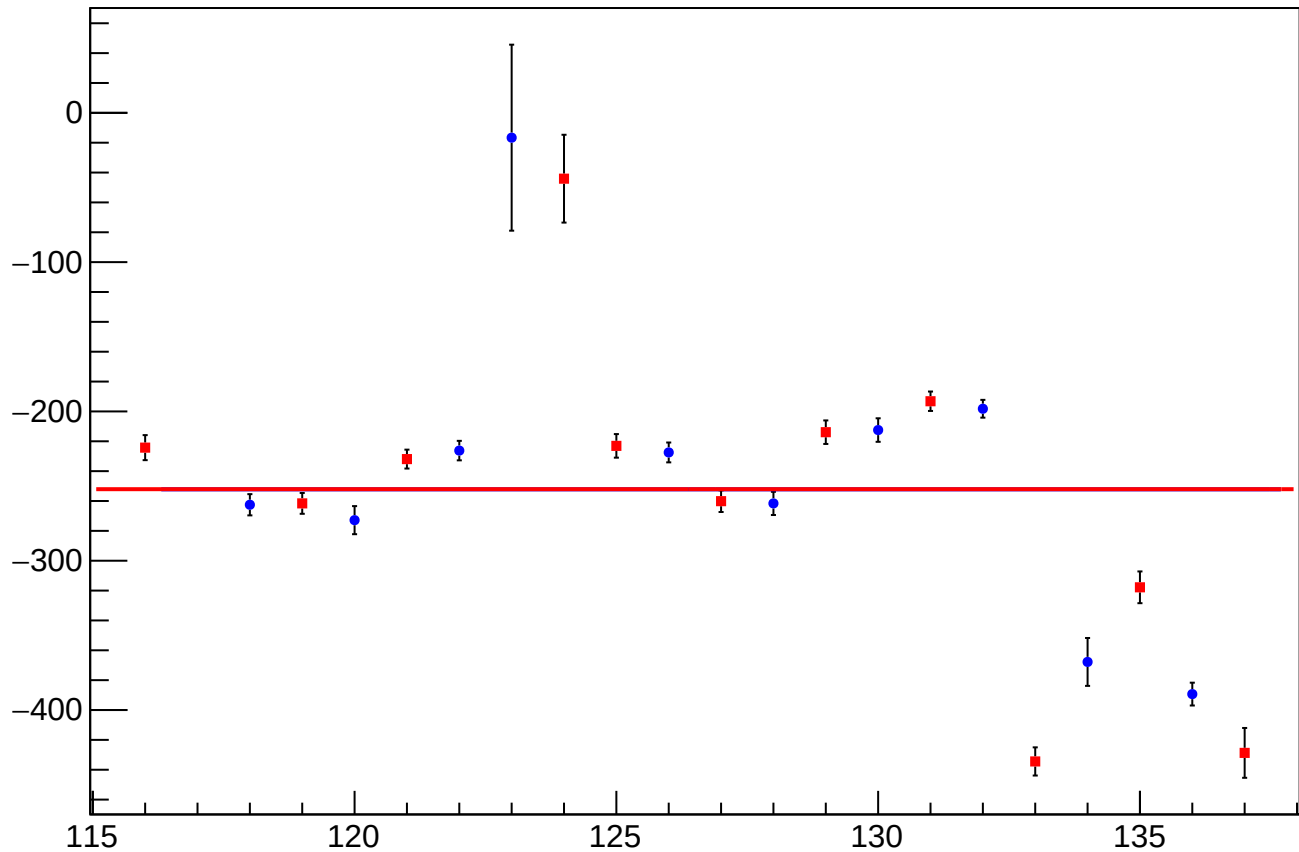
Right: -266.299+/-0.179 χ^2/NDF : 34587.1/20

In: -268.153+/-0.249 χ^2/NDF : 19783.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.299+/-0.179 χ^2/NDF : 34587.1/20

reg_asym_atl_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -252.197+/-2.506 χ^2/NDF : 533.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -252.083+/-2.505 χ^2/NDF : 717.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

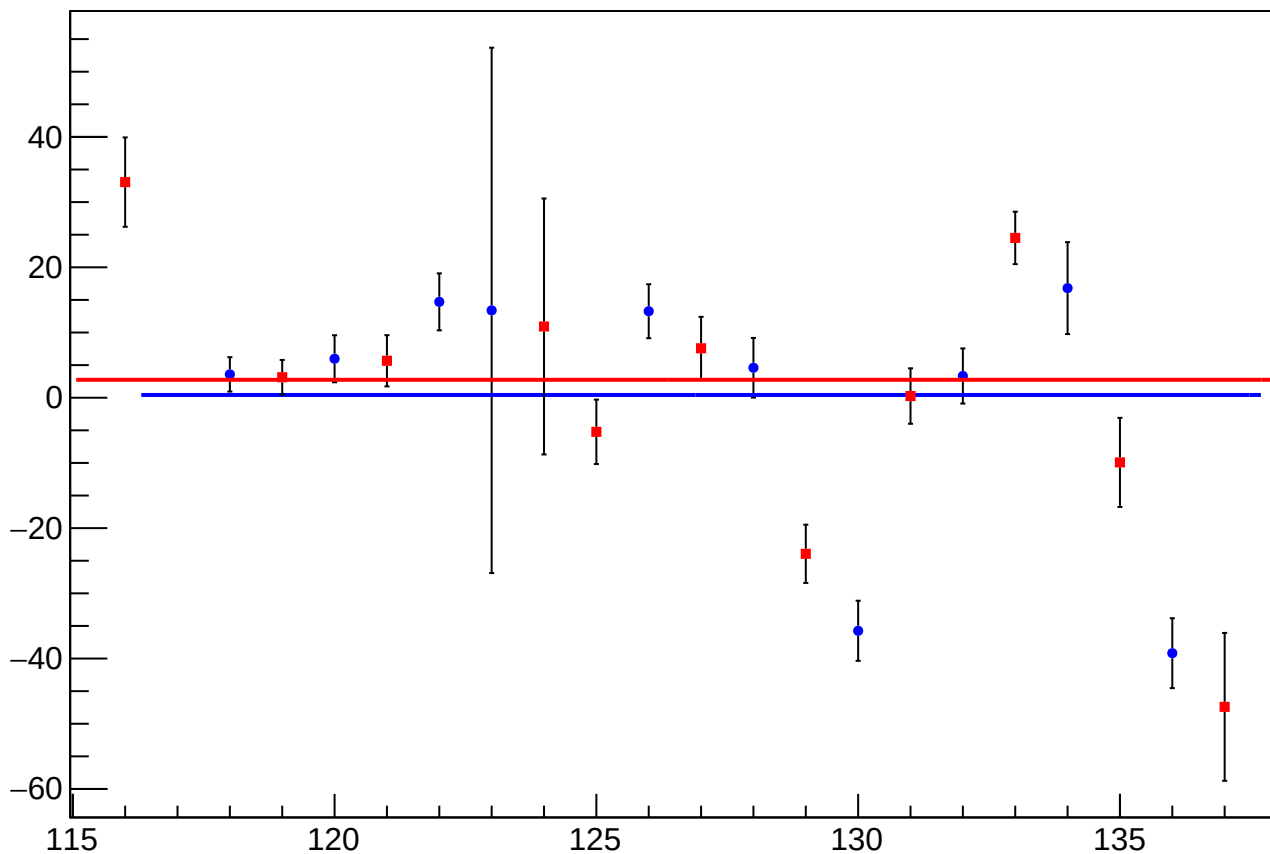
Right: -252.140+/-1.772 χ^2/NDF : 1250.7/20

In: -252.197+/-2.506 χ^2/NDF : 533.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.140+/-1.772 χ^2/NDF : 1250.7/20

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.424+/-1.364 χ^2/NDF : 147.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.751+/-1.398 χ^2/NDF : 112.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

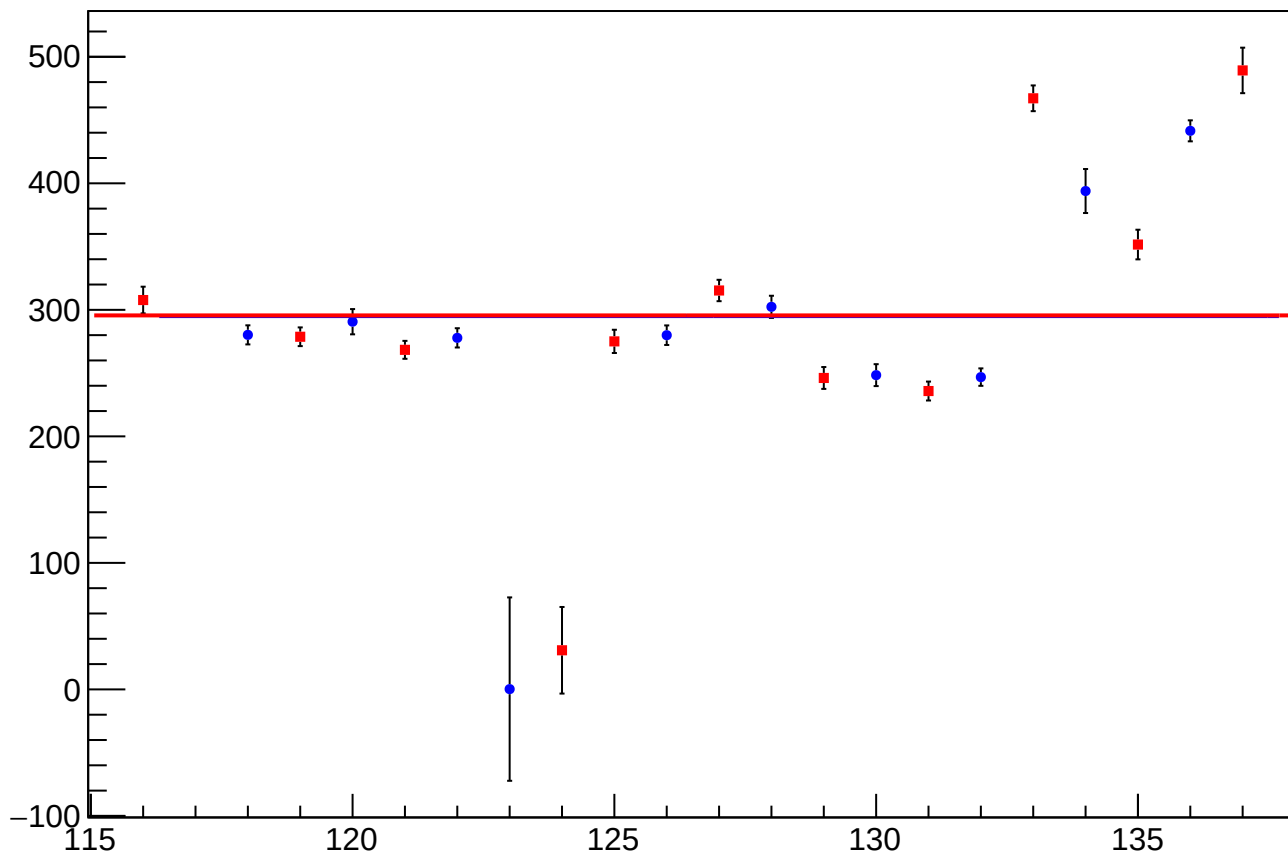
Right: 1.559+/-0.976 χ^2/NDF : 260.7/20

In: 0.424+/-1.364 χ^2/NDF :147.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.559+/-0.976 χ^2/NDF : 260.7/20

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 295.056+/-2.806 χ^2 /NDF: 451.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 295.598+/-2.826 χ^2 /NDF: 611.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

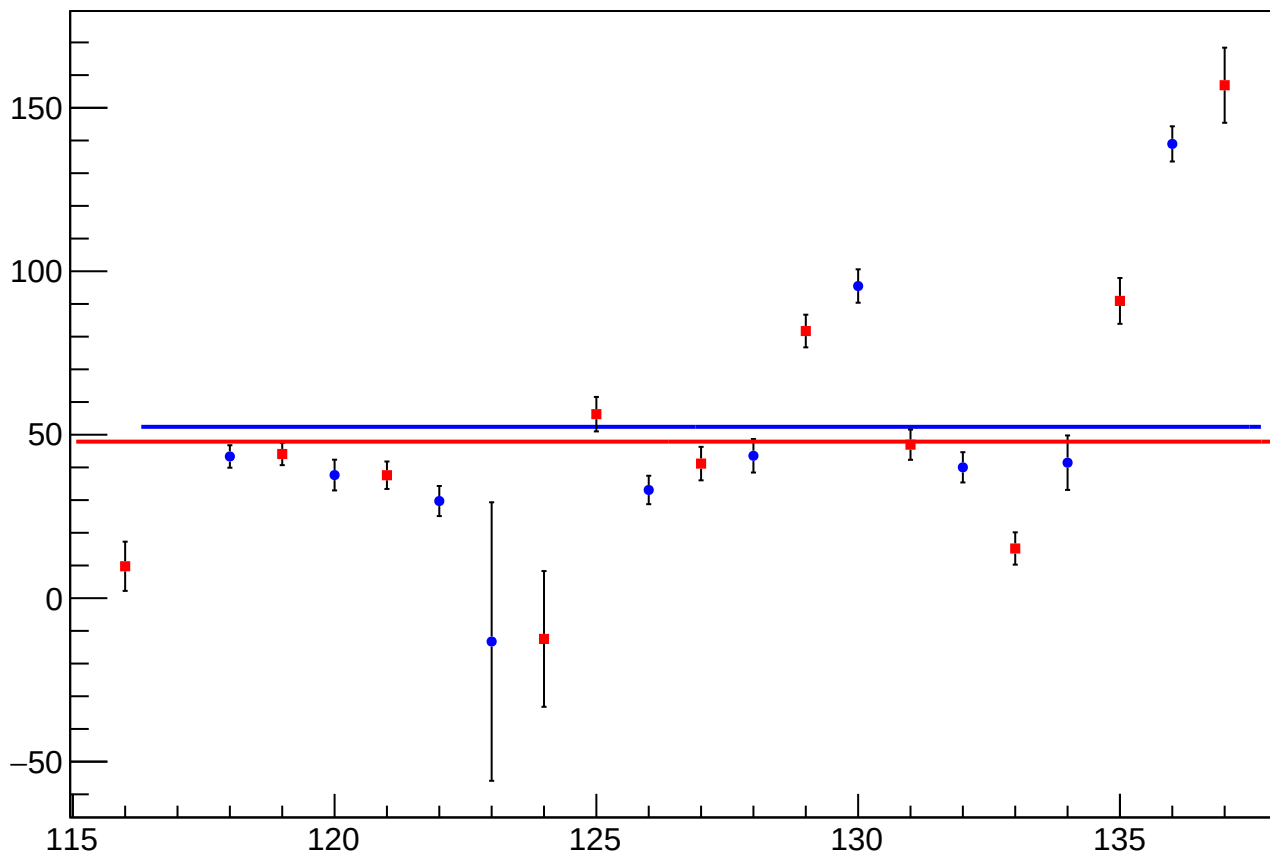
Right: 295.325+/-1.991 χ^2 /NDF: 1063.4/20

In: 295.056+/-2.806 χ^2 /NDF:451.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 295.325+/-1.991 χ^2 /NDF: 1063.4/20

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.416+/-1.577 χ^2/NDF : 404.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.887+/-1.597 χ^2/NDF : 262.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

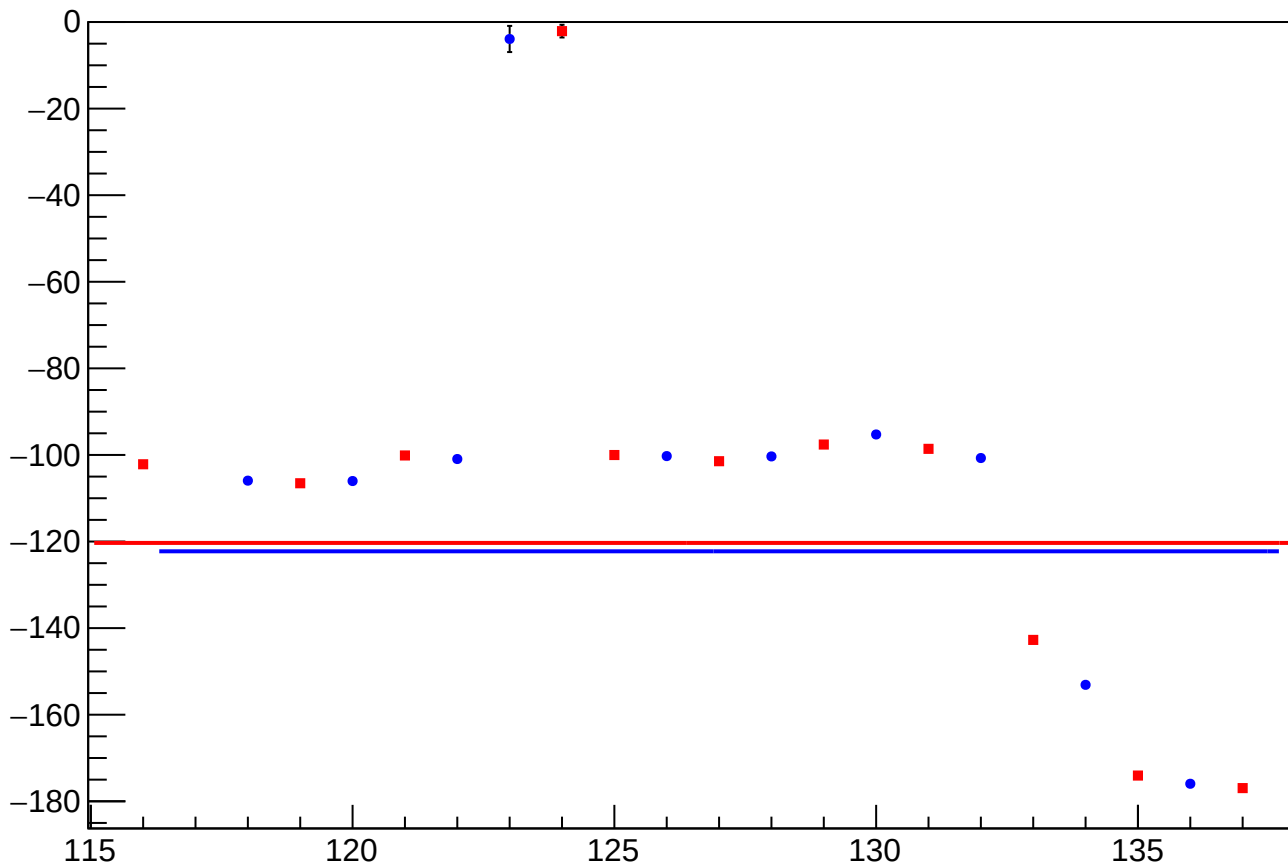
Right: 50.180+/-1.122 χ^2/NDF : 671.6/20

In: 52.416+/-1.577 χ^2/NDF : 404.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.180+/-1.122 χ^2/NDF : 671.6/20

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -122.258+/-0.110 χ^2/NDF : 89324.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.320+/-0.114 χ^2/NDF : 79502.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

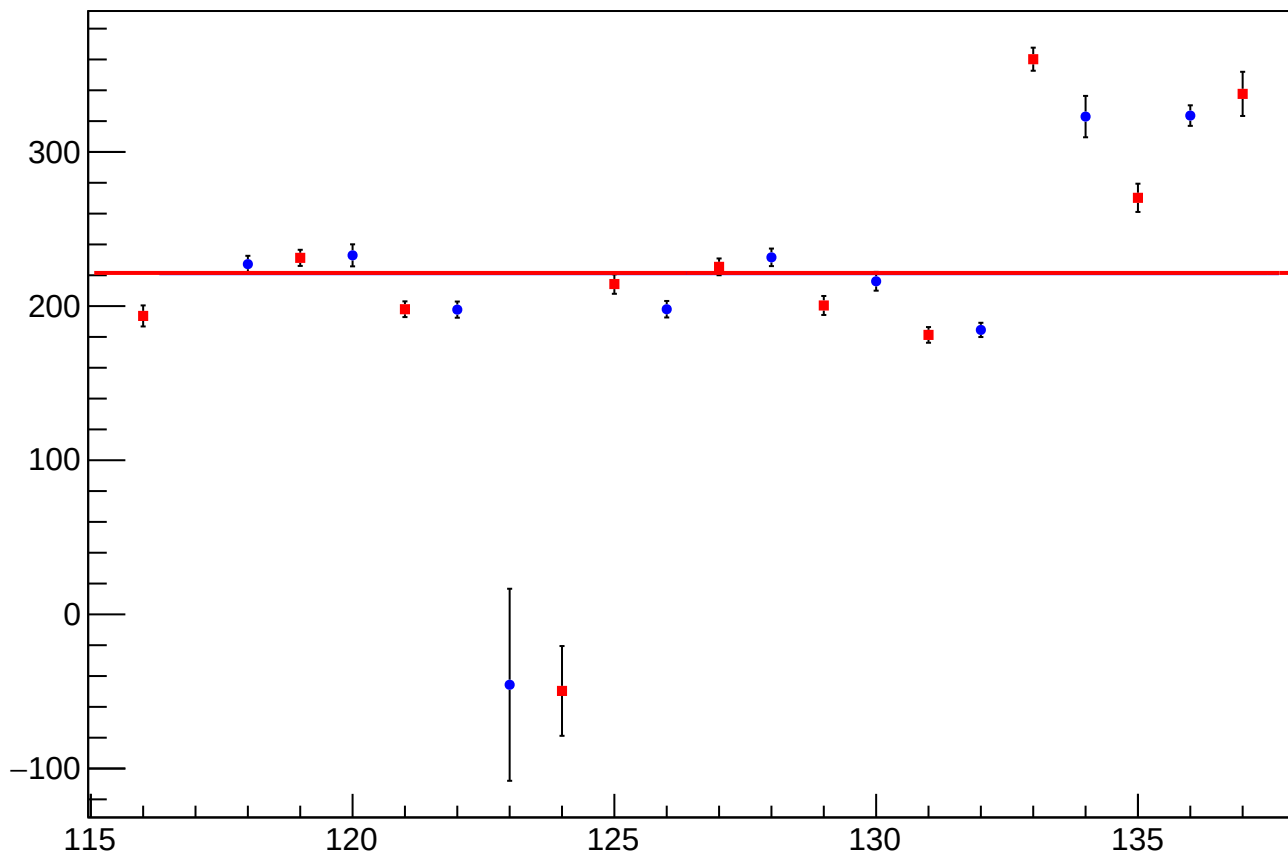
Right: -121.323+/-0.079 χ^2/NDF : 168976.3/20

In: -122.258+/-0.110 χ^2/NDF : 89324.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.323+/-0.079 χ^2/NDF : 168976.3/20

reg_asym_atl_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 221.352 $\pm$ 1.968 χ^2 /NDF: 421.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 221.513 $\pm$ 1.977 χ^2 /NDF: 641.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

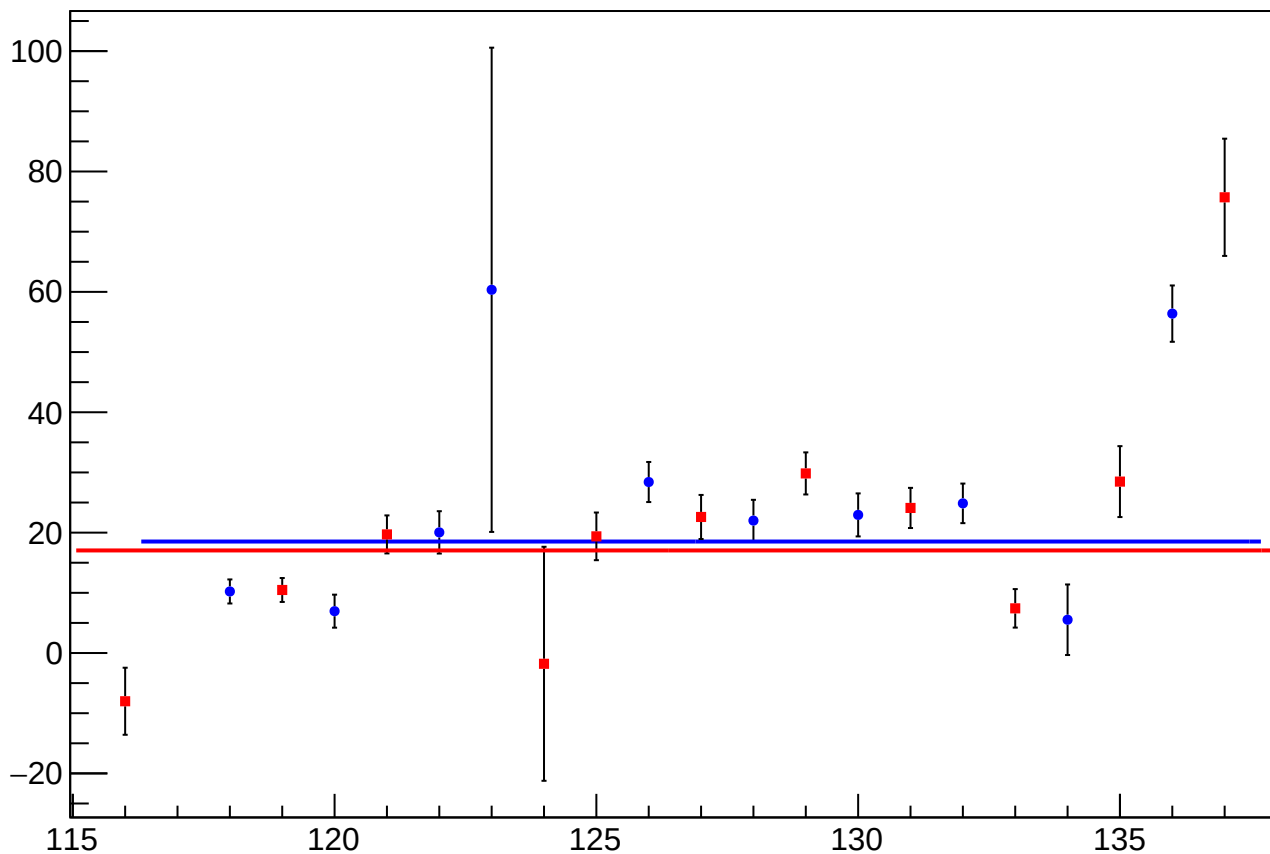
Right: 221.432 $\pm$ 1.395 χ^2 /NDF: 1062.2/20

In: 221.352 $\pm$ 1.968 χ^2 /NDF:421.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 221.432 $\pm$ 1.395 χ^2 /NDF: 1062.2/20

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.523+/-1.063 χ^2/NDF : 121.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.042+/-1.094 χ^2/NDF : 102.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

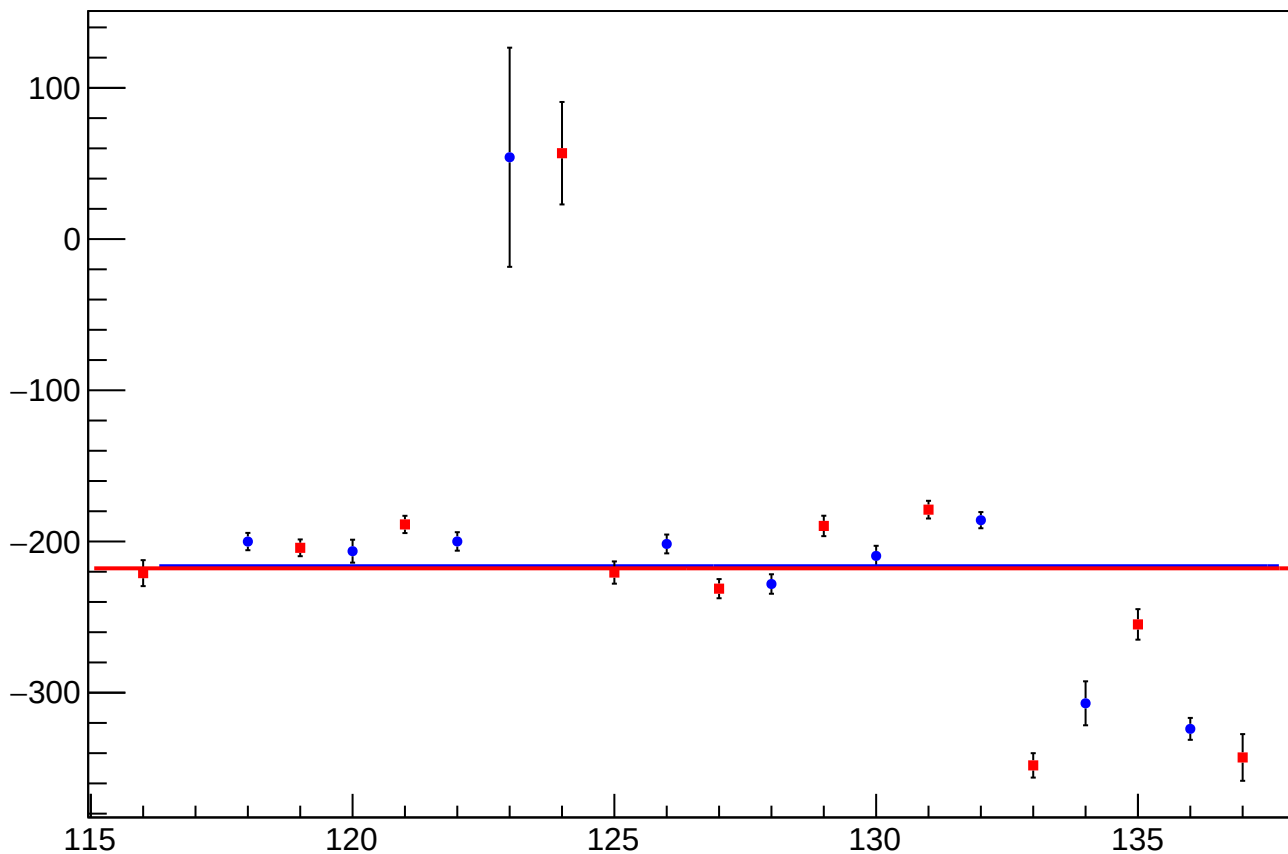
Right: 17.803+/-0.762 χ^2/NDF : 225.2/20

In: 18.523+/-1.063 χ^2/NDF : 121.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.803+/-0.762 χ^2/NDF : 225.2/20

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -216.370+/-2.204 χ^2/NDF : 332.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.756+/-2.228 χ^2/NDF : 503.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

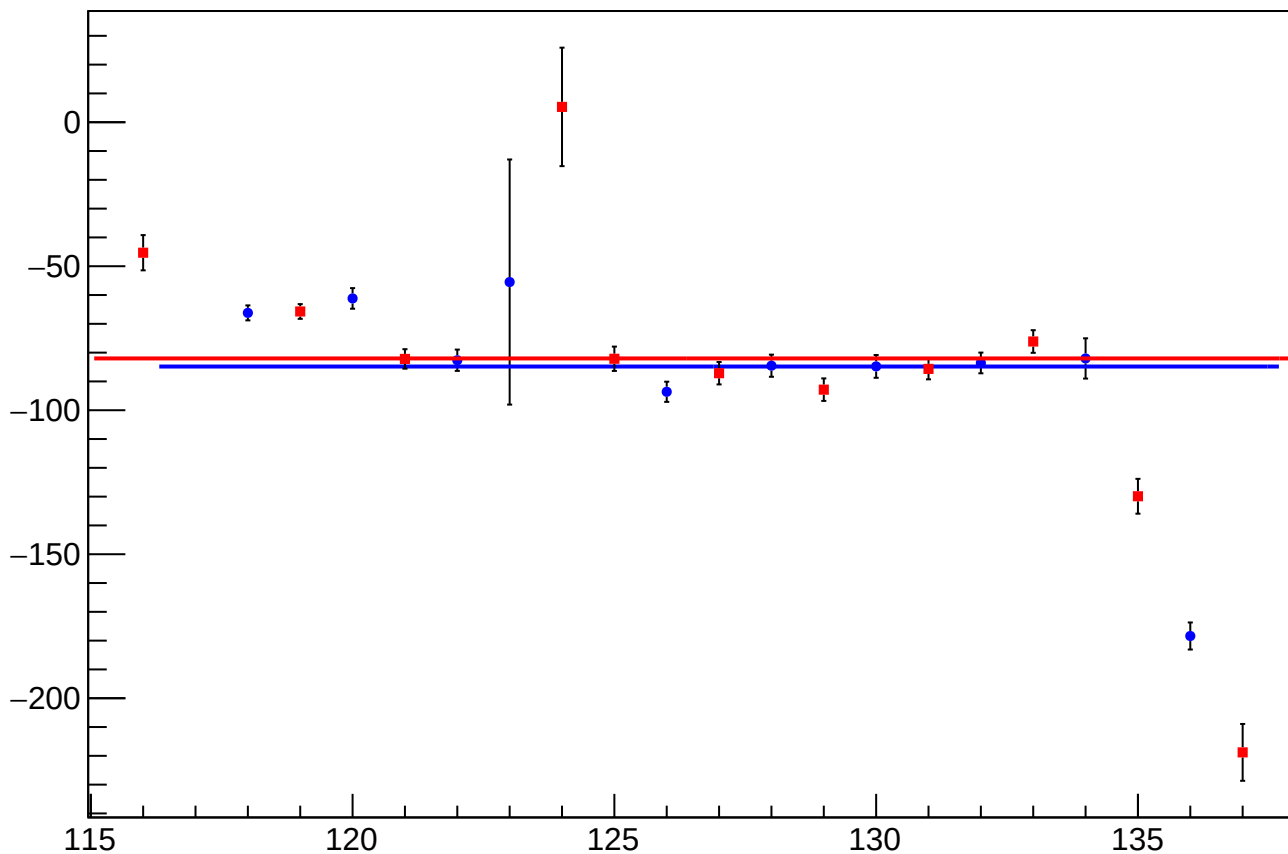
Right: -217.056+/-1.567 χ^2/NDF : 836.2/20

In: -216.370+/-2.204 χ^2/NDF : 332.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.056+/-1.567 χ^2/NDF : 836.2/20

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -84.828 $\pm$ 1.235 χ^2 /NDF: 498.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.019 $\pm$ 1.255 χ^2 /NDF: 362.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

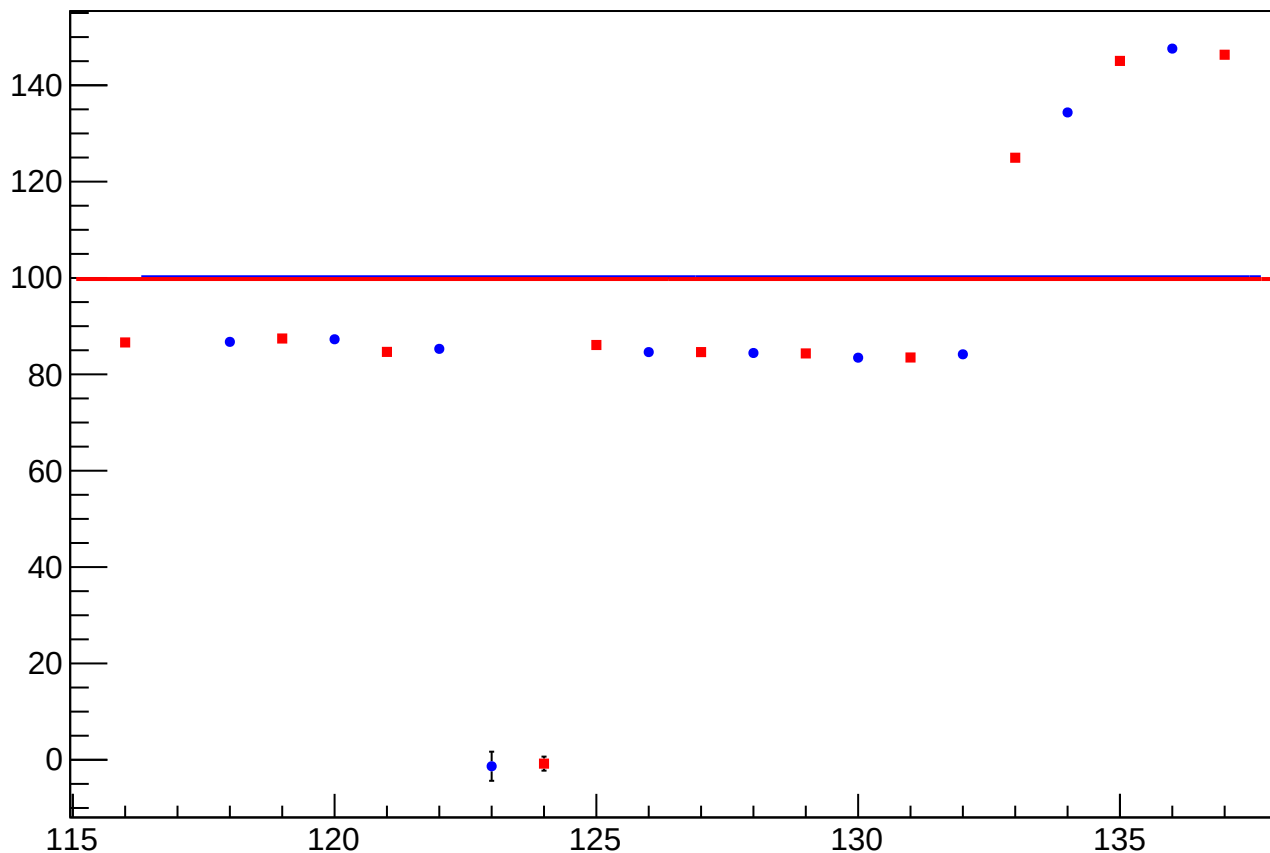
Right: -83.445 $\pm$ 0.880 χ^2 /NDF: 863.2/20

In: -84.828 $\pm$ 1.235 χ^2 /NDF:498.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.445 $\pm$ 0.880 χ^2 /NDF: 863.2/20

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.152+/-0.088 χ^2/NDF : 89224.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.784+/-0.091 χ^2/NDF : 76872.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

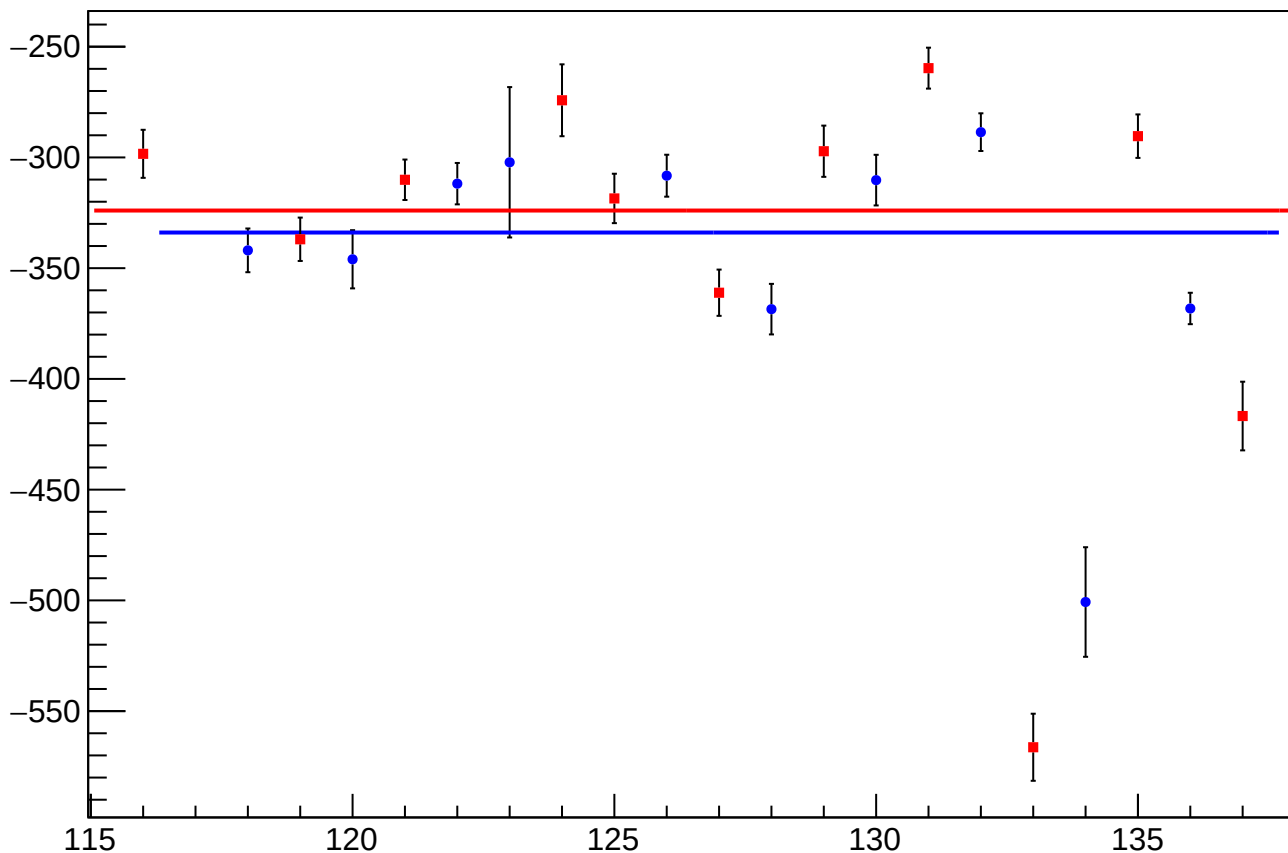
Right: 99.974+/-0.063 χ^2/NDF : 166105.1/20

In: 100.152+/-0.088 χ^2/NDF : 89224.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.974+/-0.063 χ^2/NDF : 166105.1/20

reg_asym_atr_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -333.907+/-3.330 χ^2/NDF : 126.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -323.976+/-3.333 χ^2/NDF : 389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

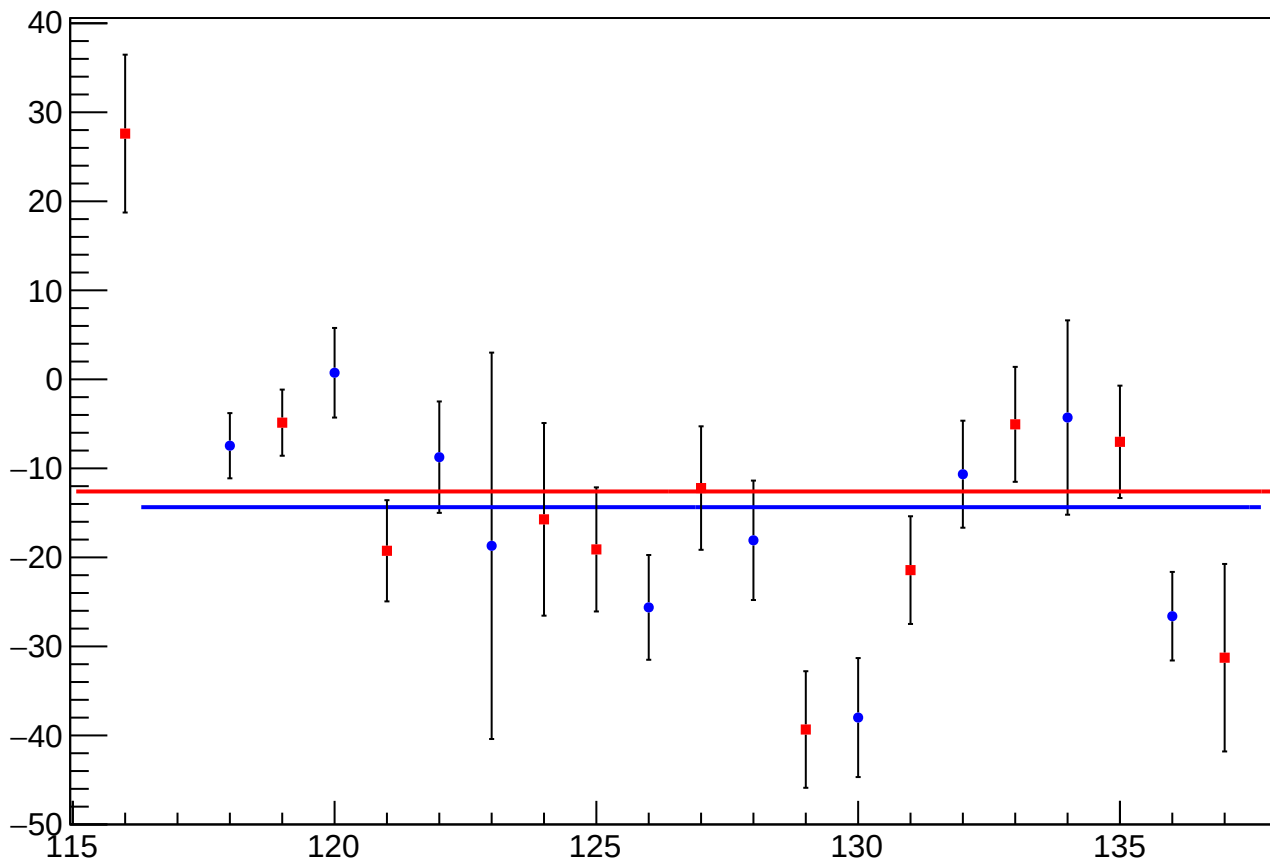
Right: -328.947+/-2.356 χ^2/NDF : 519.7/20

In: -333.907+/-3.330 χ^2/NDF : 126.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.947+/-2.356 χ^2/NDF : 519.7/20

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -14.359 $\pm$ 1.852 χ^2 /NDF: 37.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.595 $\pm$ 1.908 χ^2 /NDF: 51.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

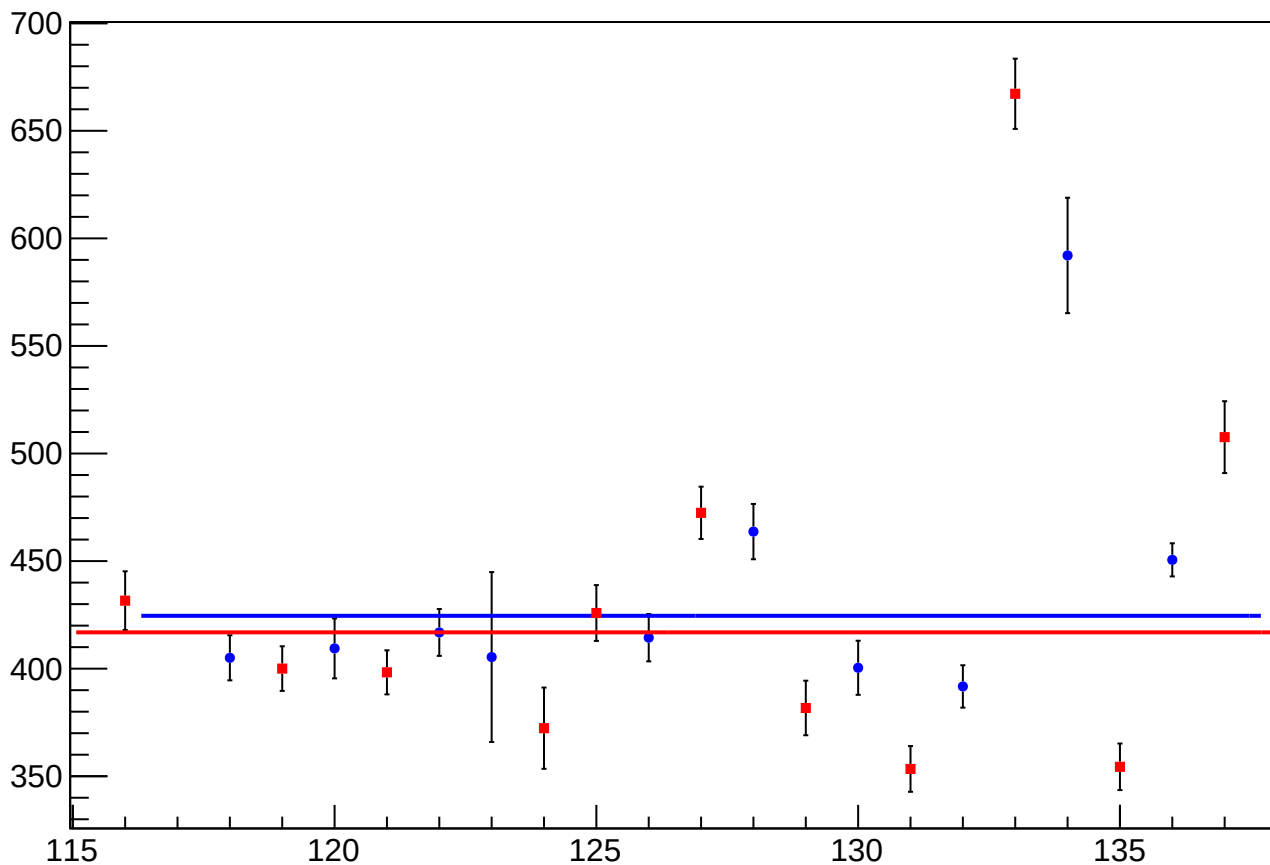
Right: -13.503 $\pm$ 1.329 χ^2 /NDF: 88.9/20

In: -14.359 $\pm$ 1.852 χ^2 /NDF: 37.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.503 $\pm$ 1.329 χ^2 /NDF: 88.9/20

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 424.566+/-3.713 χ^2/NDF : 80.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 416.874+/-3.762 χ^2/NDF : 375.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

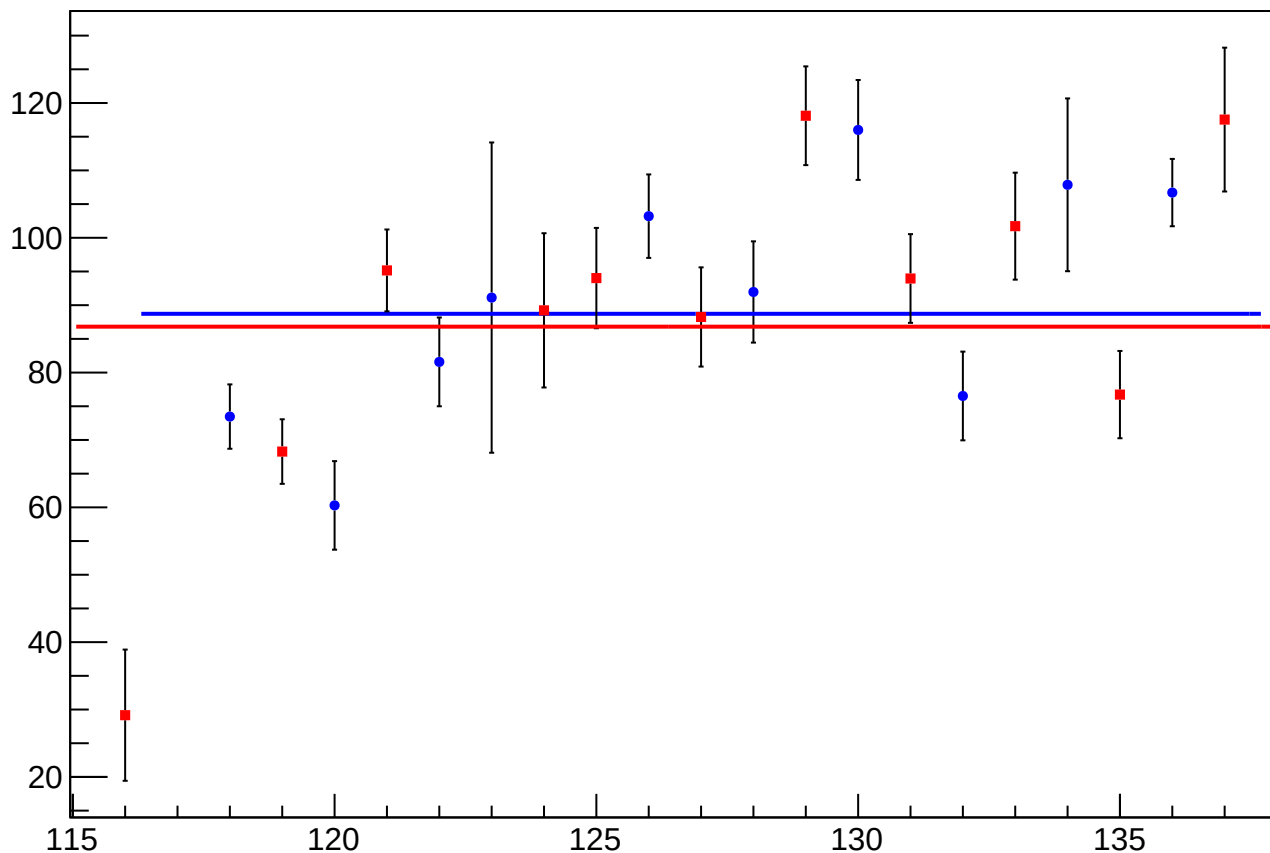
Right: 420.770+/-2.643 χ^2/NDF : 458.3/20

In: 424.566+/-3.713 χ^2/NDF :80.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 420.770+/-2.643 χ^2/NDF : 458.3/20

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 88.720 $\pm$ 2.117 χ^2 /NDF: 67.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.813 $\pm$ 2.154 χ^2 /NDF: 86.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

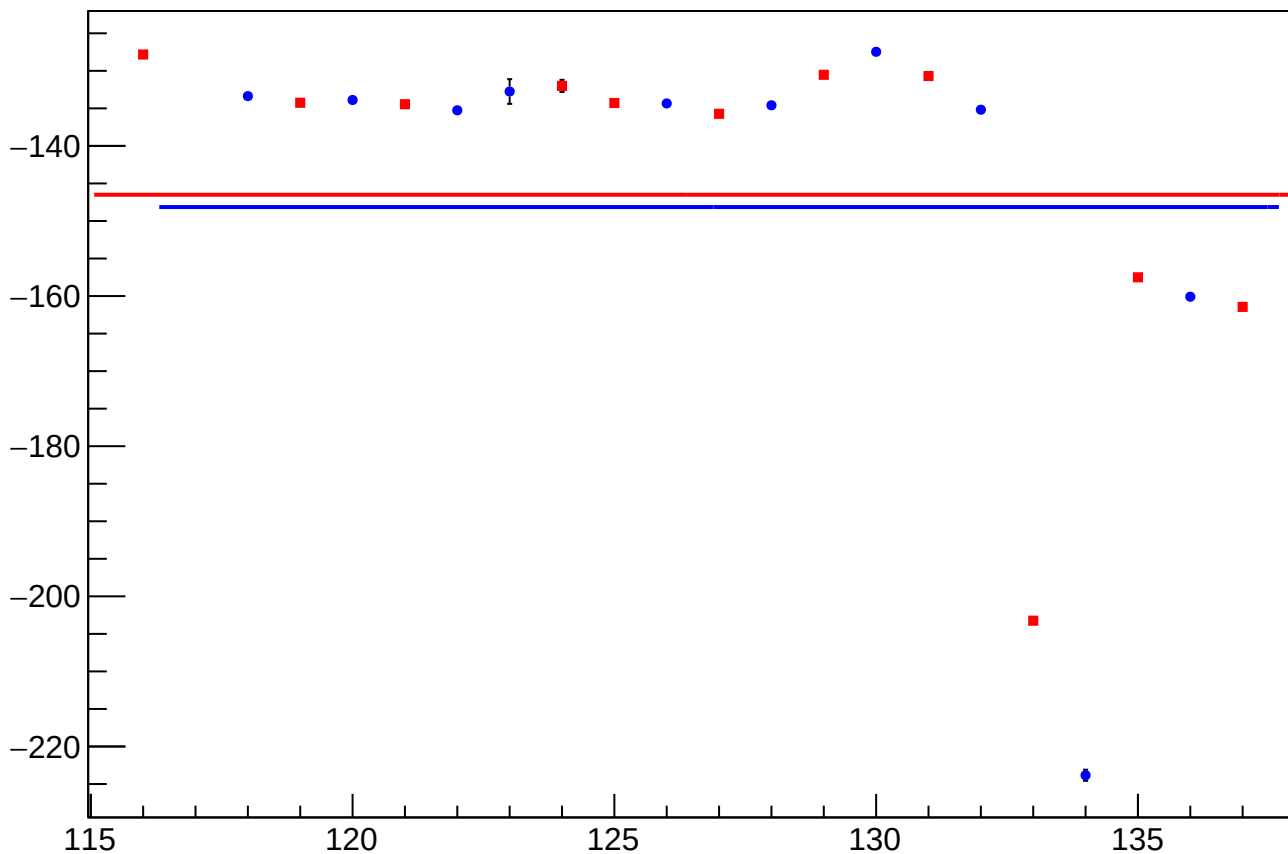
Right: 87.783 $\pm$ 1.510 χ^2 /NDF: 155.0/20

In: 88.720 $\pm$ 2.117 χ^2 /NDF: 67.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.783 $\pm$ 1.510 χ^2 /NDF: 155.0/20

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -148.143+/-0.136 χ^2/NDF : 20055.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -146.502+/-0.141 χ^2/NDF : 16541.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

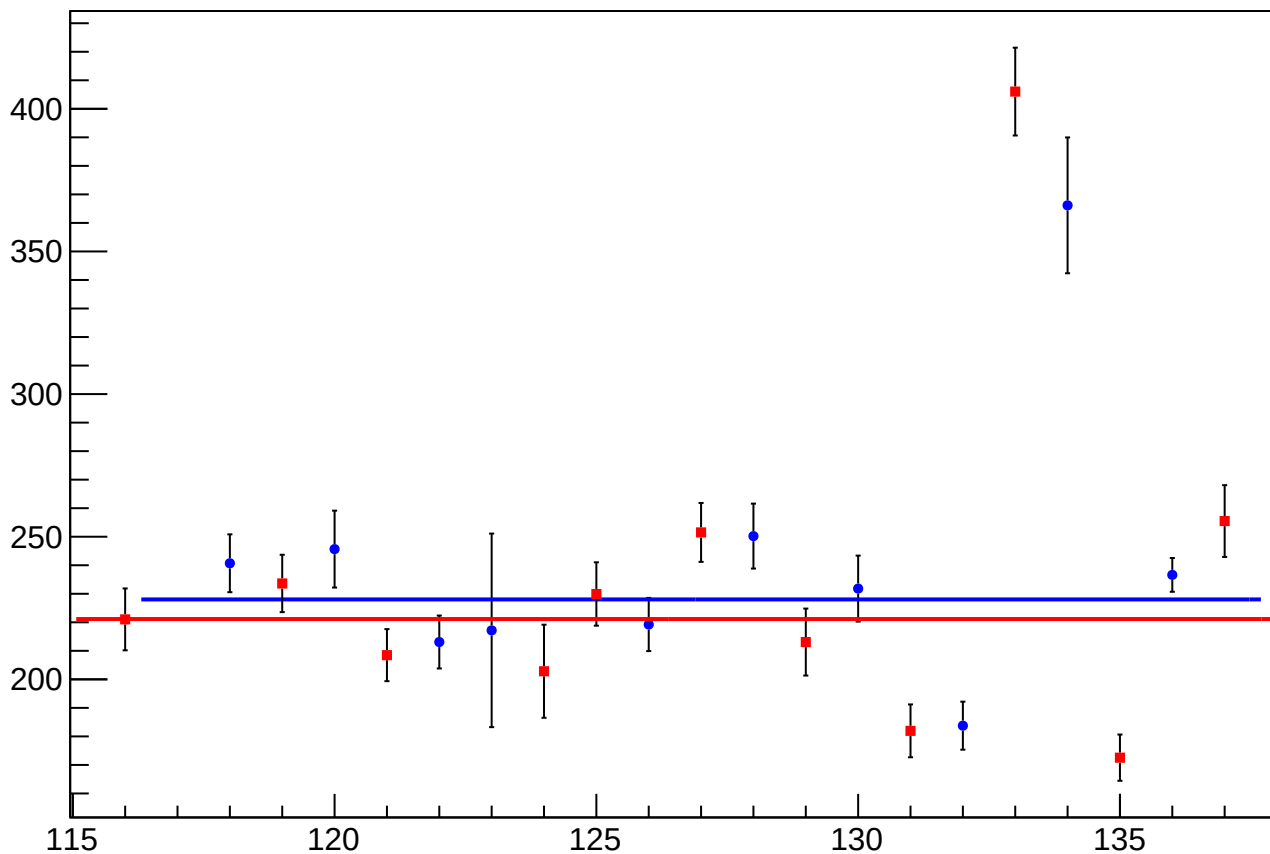
Right: -147.355+/-0.098 χ^2/NDF : 36667.1/20

In: -148.143+/-0.136 χ^2/NDF : 20055.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.355+/-0.098 χ^2/NDF : 36667.1/20

reg_asym_atr_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 228.019+/-3.180 χ^2/NDF : 74.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.143+/-3.222 χ^2/NDF : 220.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

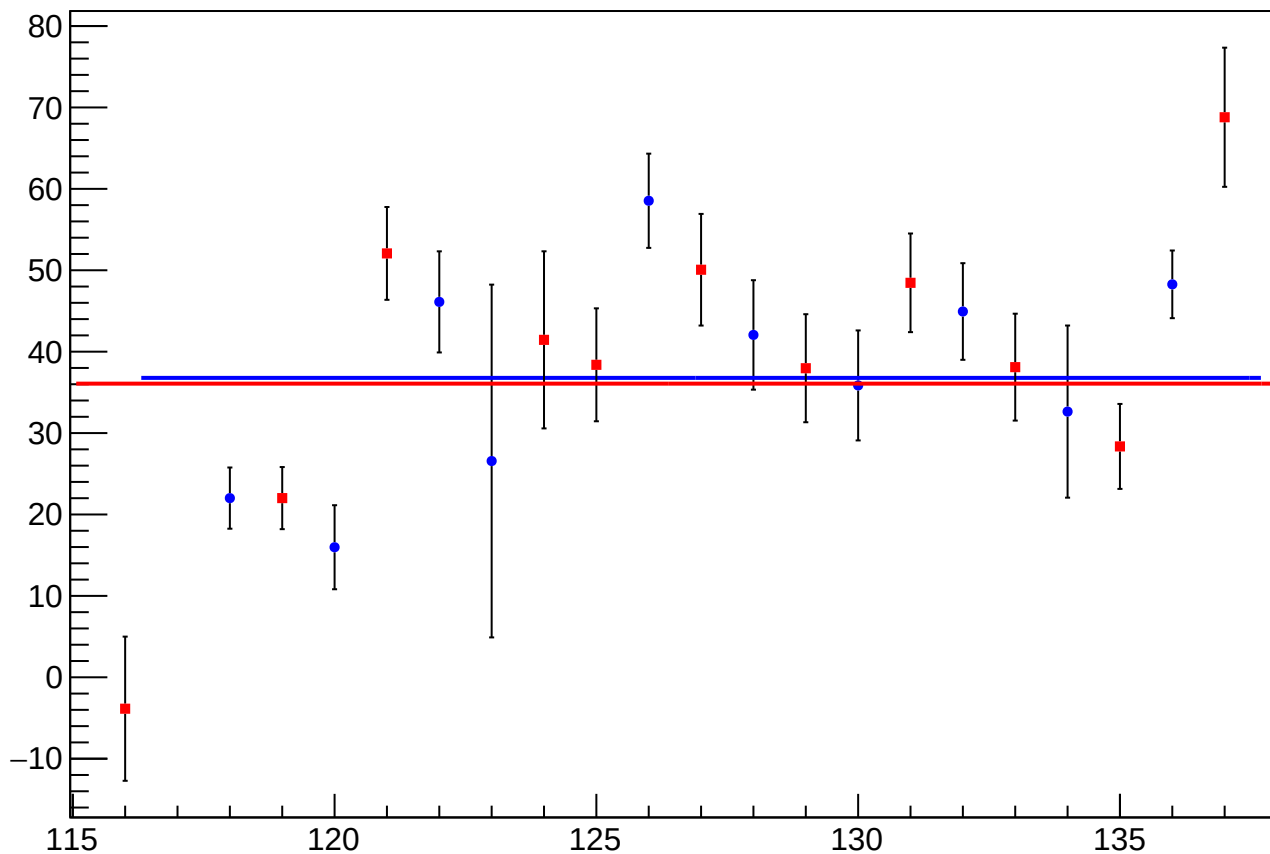
Right: 224.626+/-2.263 χ^2/NDF : 296.6/20

In: 228.019+/-3.180 χ^2/NDF : 74.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.626+/-2.263 χ^2/NDF : 296.6/20

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.781+/-1.809 χ^2/NDF : 58.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.073+/-1.869 χ^2/NDF : 67.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

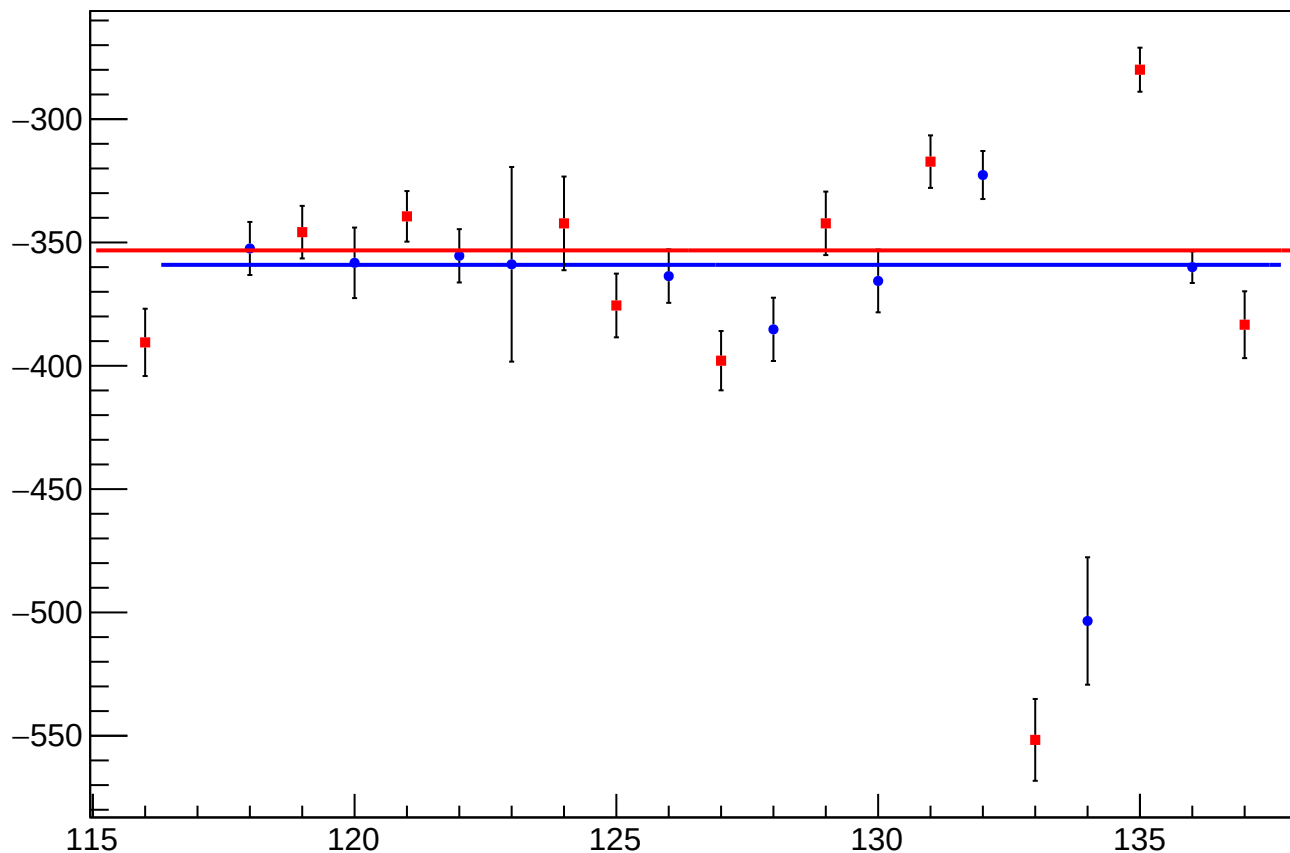
Right: 36.438+/-1.300 χ^2/NDF : 126.2/20

In: 36.781+/-1.809 χ^2/NDF : 58.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.438+/-1.300 χ^2/NDF : 126.2/20

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -359.073 ± 3.541 χ^2/NDF : 50.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -353.213 ± 3.631 χ^2/NDF : 254.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

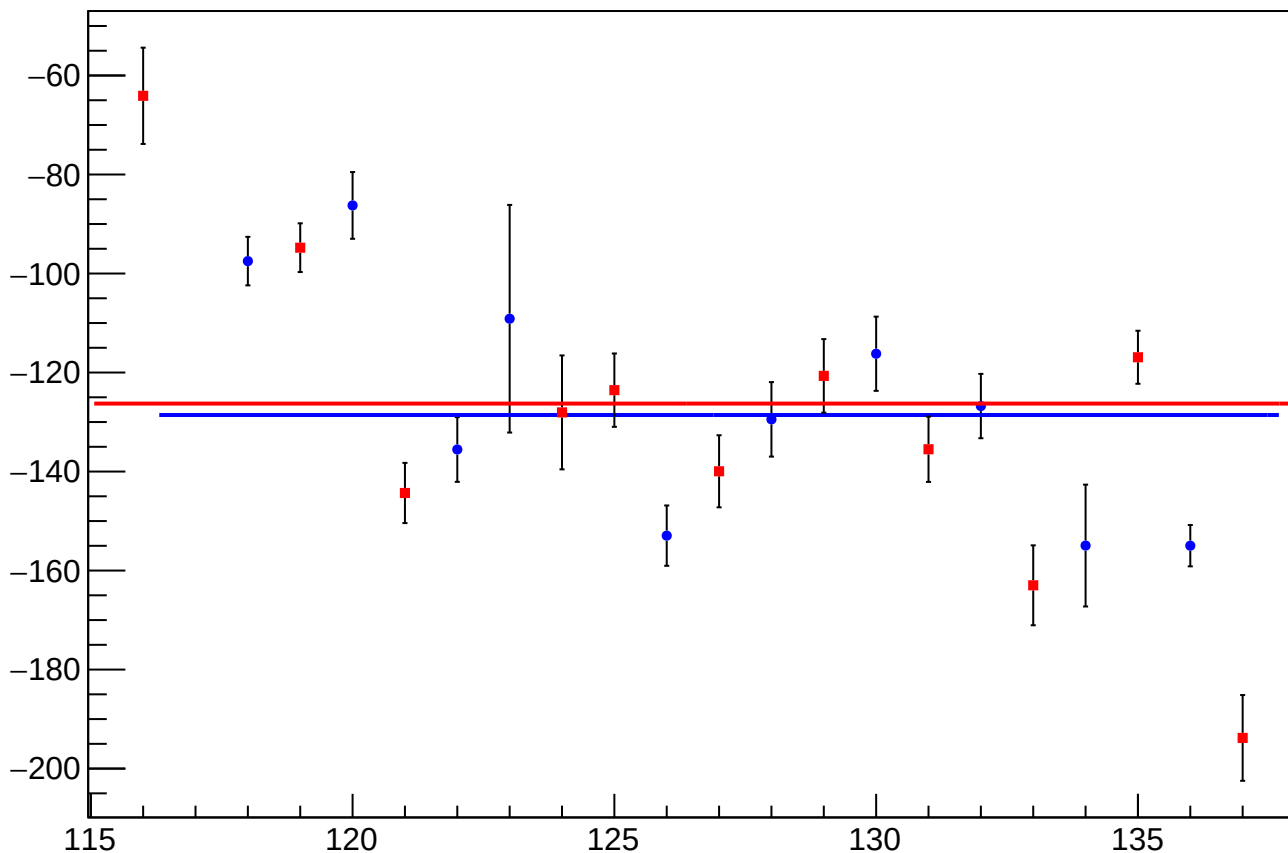
Right: -356.217 ± 2.535 χ^2/NDF : 306.1/20

In: -359.073 ± 3.541 χ^2/NDF : 50.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -356.217 ± 2.535 χ^2/NDF : 306.1/20

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -128.575+/-2.045 χ^2/NDF : 144.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.271+/-2.093 χ^2/NDF : 181.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

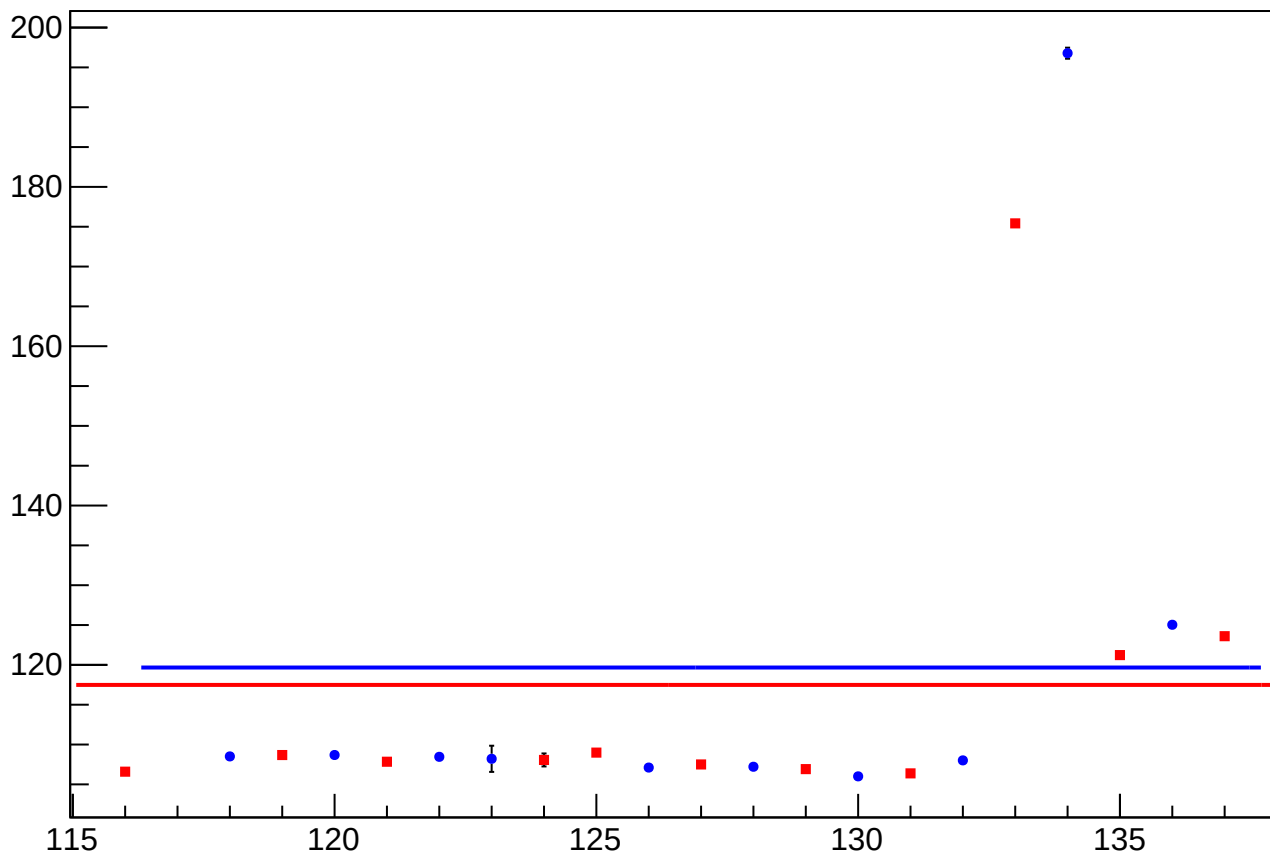
Right: -127.450+/-1.463 χ^2/NDF : 327.0/20

In: -128.575+/-2.045 χ^2/NDF : 144.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.450+/-1.463 χ^2/NDF : 327.0/20

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 119.668 $\pm$ 0.125 χ^2 /NDF: 17406.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.484 $\pm$ 0.130 χ^2 /NDF: 11598.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

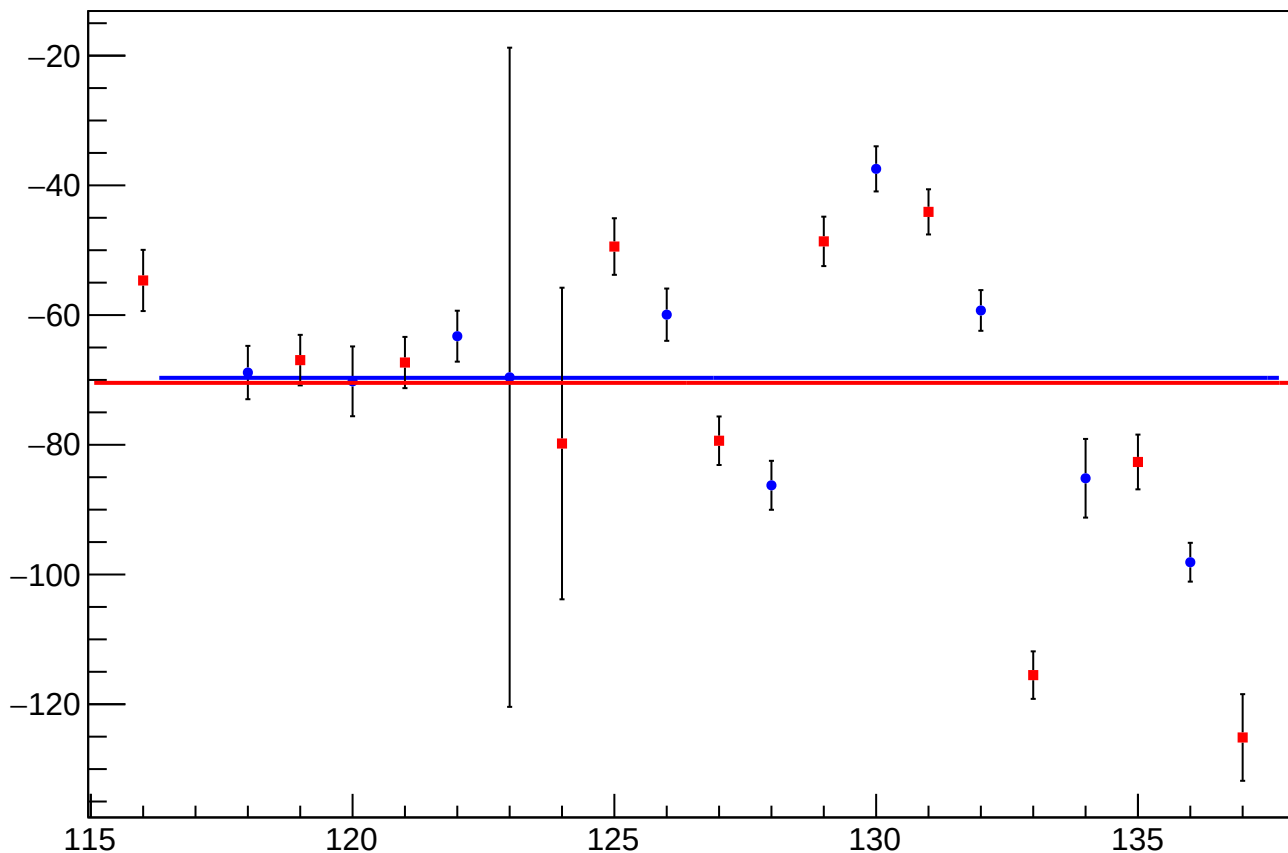
Right: 118.623 $\pm$ 0.090 χ^2 /NDF: 29152.1/20

In: 119.668 $\pm$ 0.125 χ^2 /NDF:17406.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.623 $\pm$ 0.090 χ^2 /NDF: 29152.1/20

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -69.676+/-1.277 χ^2/NDF : 221.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.452+/-1.286 χ^2/NDF : 358.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

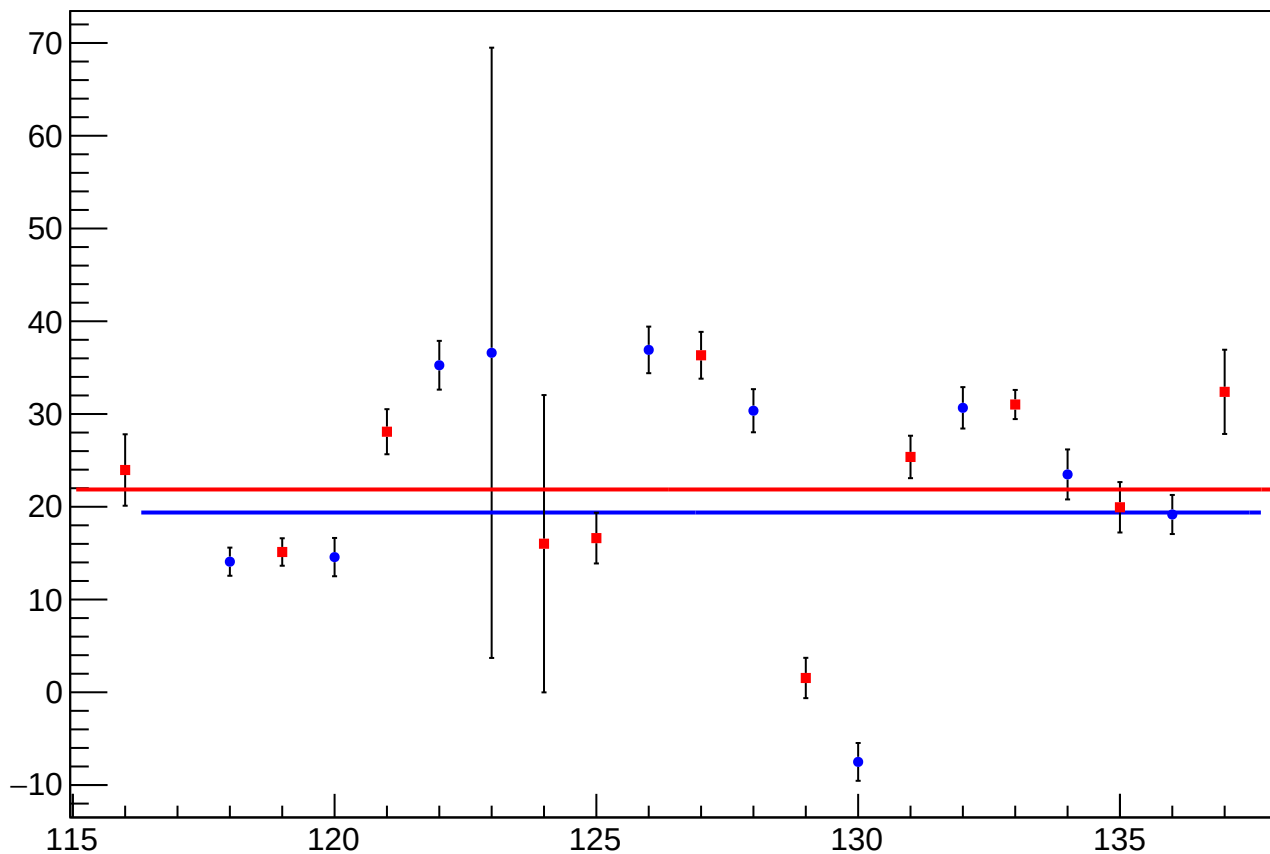
Right: -70.061+/-0.906 χ^2/NDF : 580.0/20

In: -69.676+/-1.277 χ^2/NDF : 221.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.061+/-0.906 χ^2/NDF : 580.0/20

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.380+/-0.714 χ^2/NDF : 327.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.864+/-0.711 χ^2/NDF : 193.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

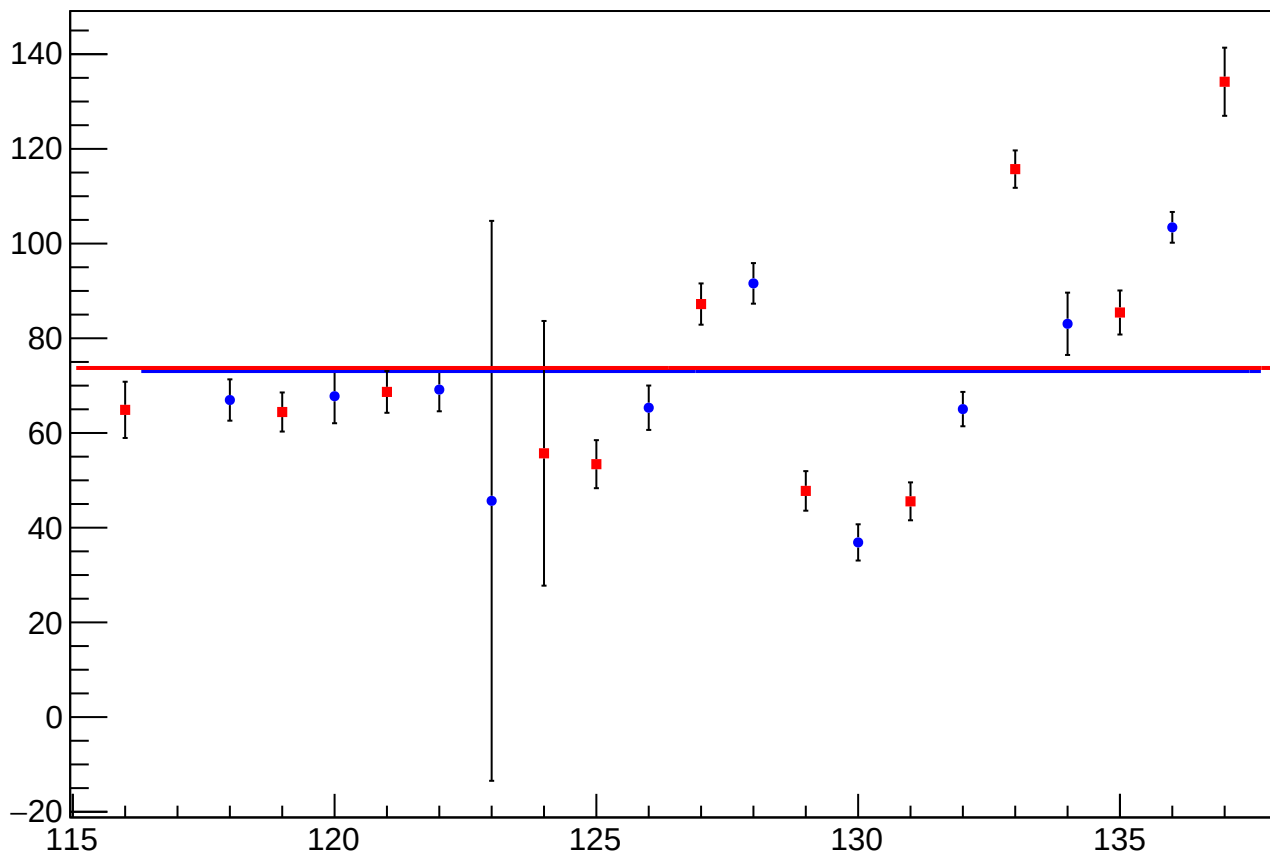
Right: 20.628+/-0.504 χ^2/NDF : 527.4/20

In: 19.380+/-0.714 χ^2/NDF : 327.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.628+/-0.504 χ^2/NDF : 527.4/20

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.081+/-1.424 χ^2/NDF : 209.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.729+/-1.443 χ^2/NDF : 312.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

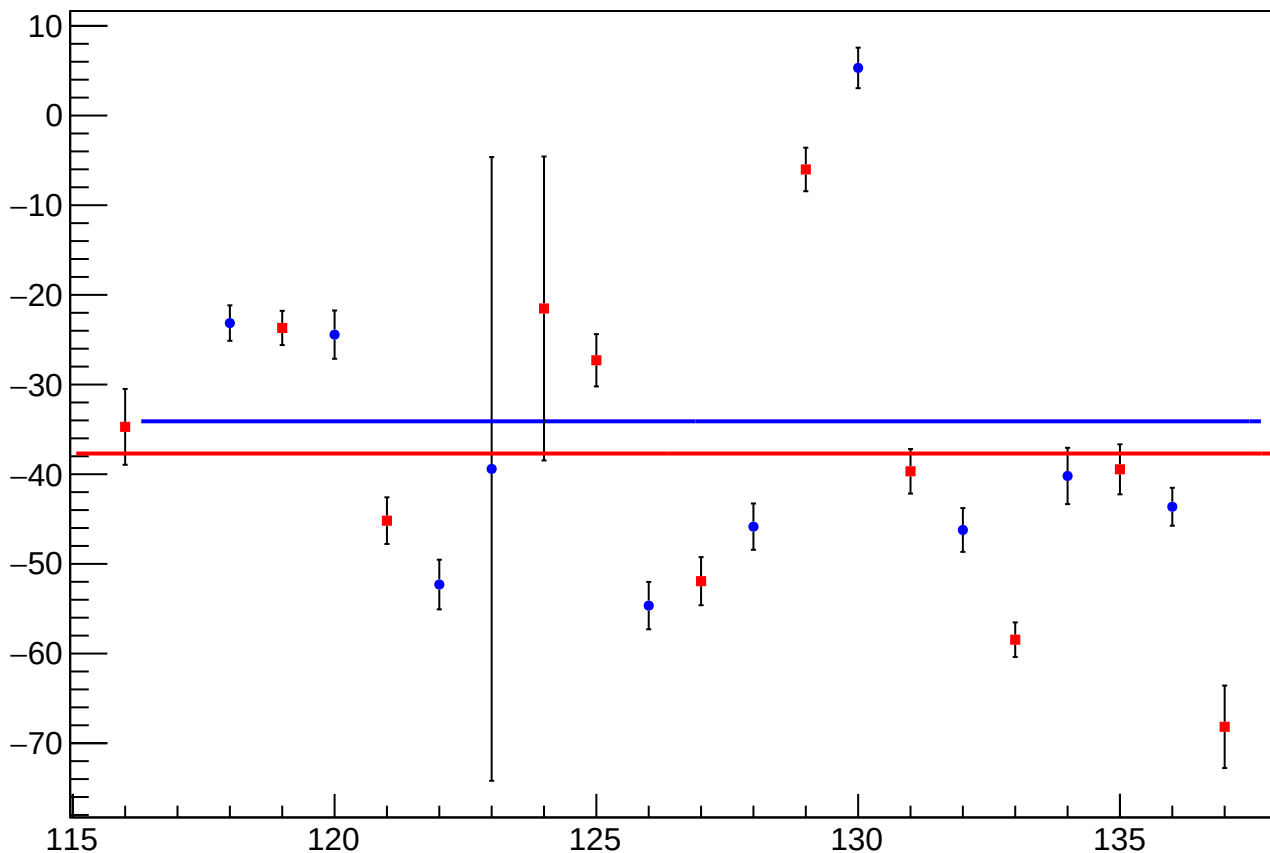
Right: 73.401+/-1.013 χ^2/NDF : 521.9/20

In: 73.081+/-1.424 χ^2/NDF : 209.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.401+/-1.013 χ^2/NDF : 521.9/20

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.100 ± 0.815 χ^2/NDF : 521.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.693 ± 0.813 χ^2/NDF : 435.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

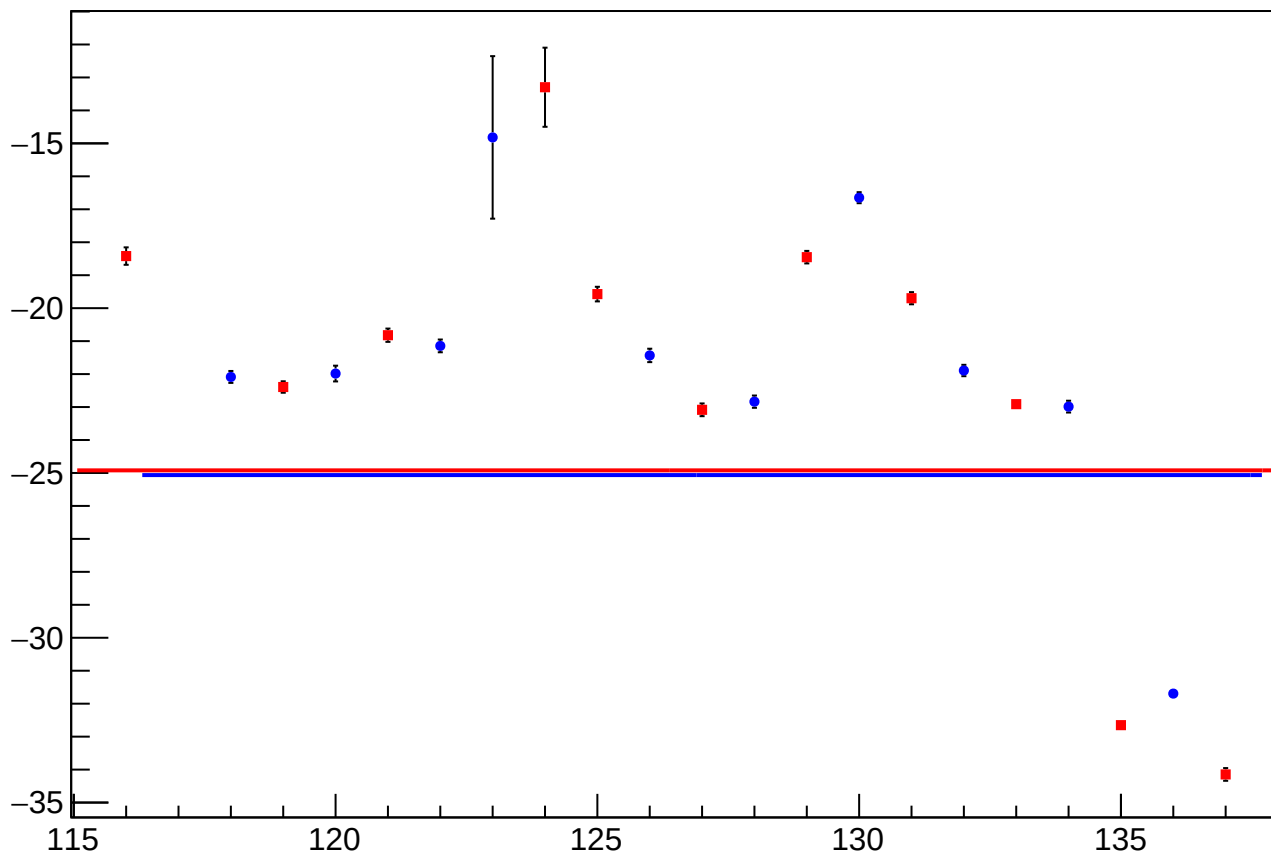
Right: -35.901 ± 0.575 χ^2/NDF : 967.0/20

In: -34.100 ± 0.815 χ^2/NDF : 521.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.901 ± 0.575 χ^2/NDF : 967.0/20

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.064+/-0.053 χ^2/NDF : 10109.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.921+/-0.055 χ^2/NDF : 11175.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

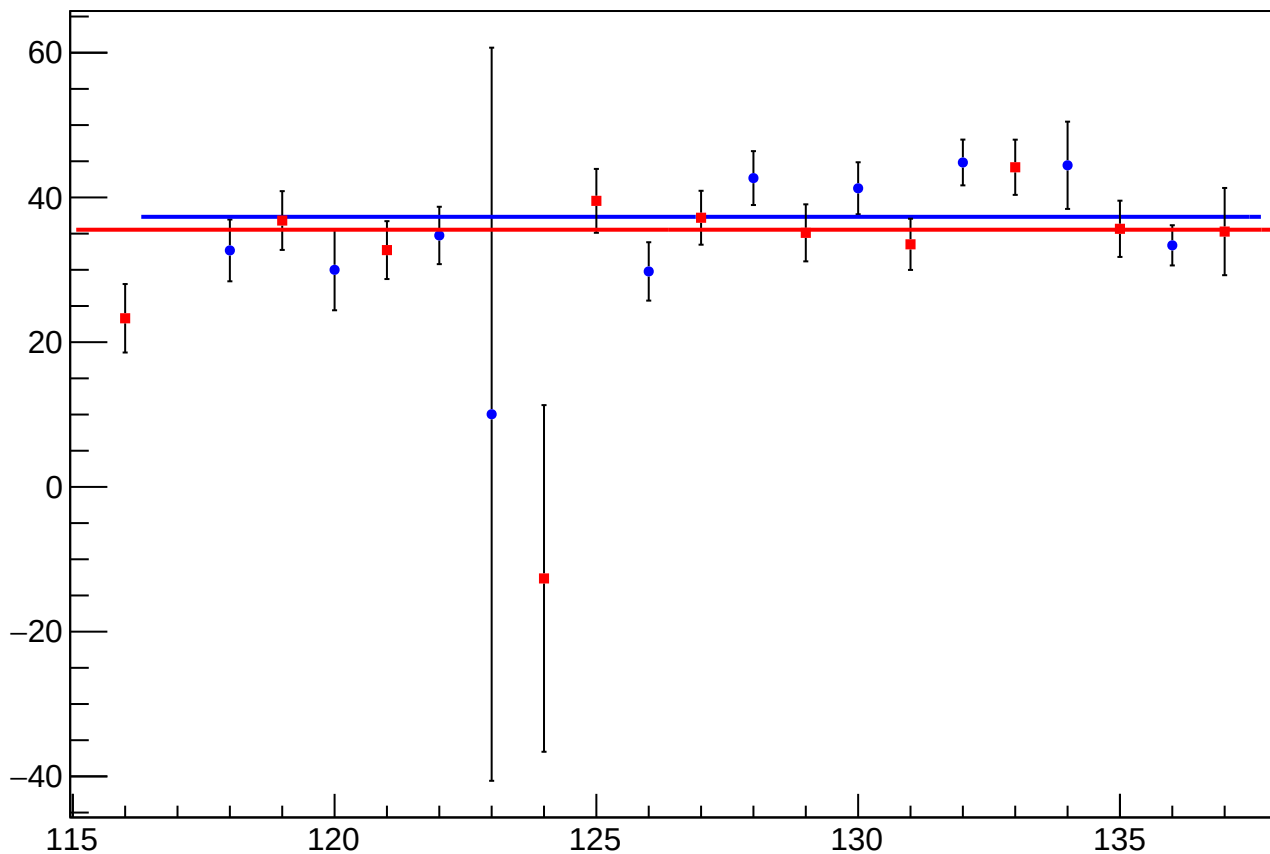
Right: -24.996+/-0.038 χ^2/NDF : 21288.5/20

In: -25.064+/-0.053 χ^2/NDF : 10109.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.996+/-0.038 χ^2/NDF : 21288.5/20

reg_asym_at1_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 37.323+/-1.271 χ^2/NDF : 19.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.540+/-1.291 χ^2/NDF : 17.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

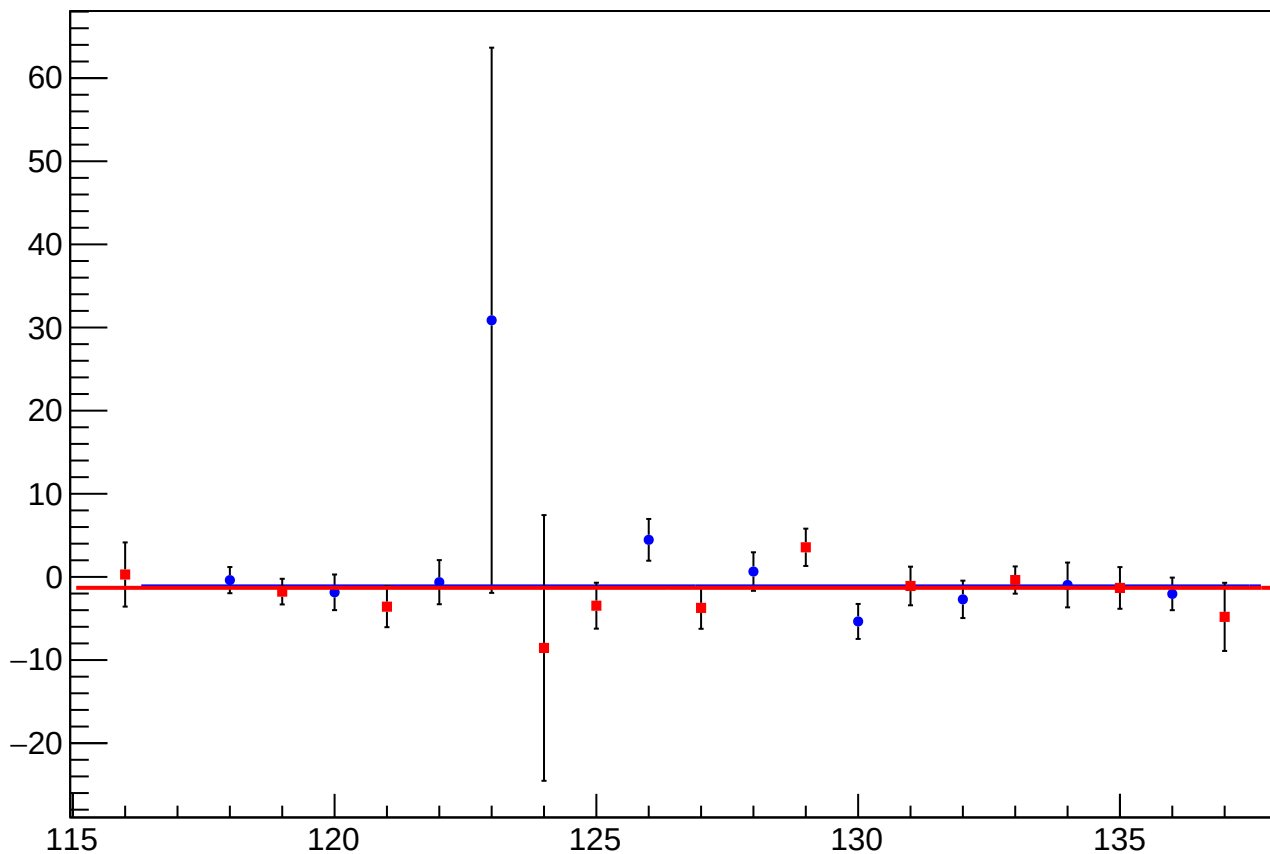
Right: 36.446+/-0.906 χ^2/NDF : 38.2/20

In: 37.323+/-1.271 χ^2/NDF : 19.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.446+/-0.906 χ^2/NDF : 38.2/20

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.141 ± 0.720 χ^2/NDF : 11.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.312 ± 0.722 χ^2/NDF : 8.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

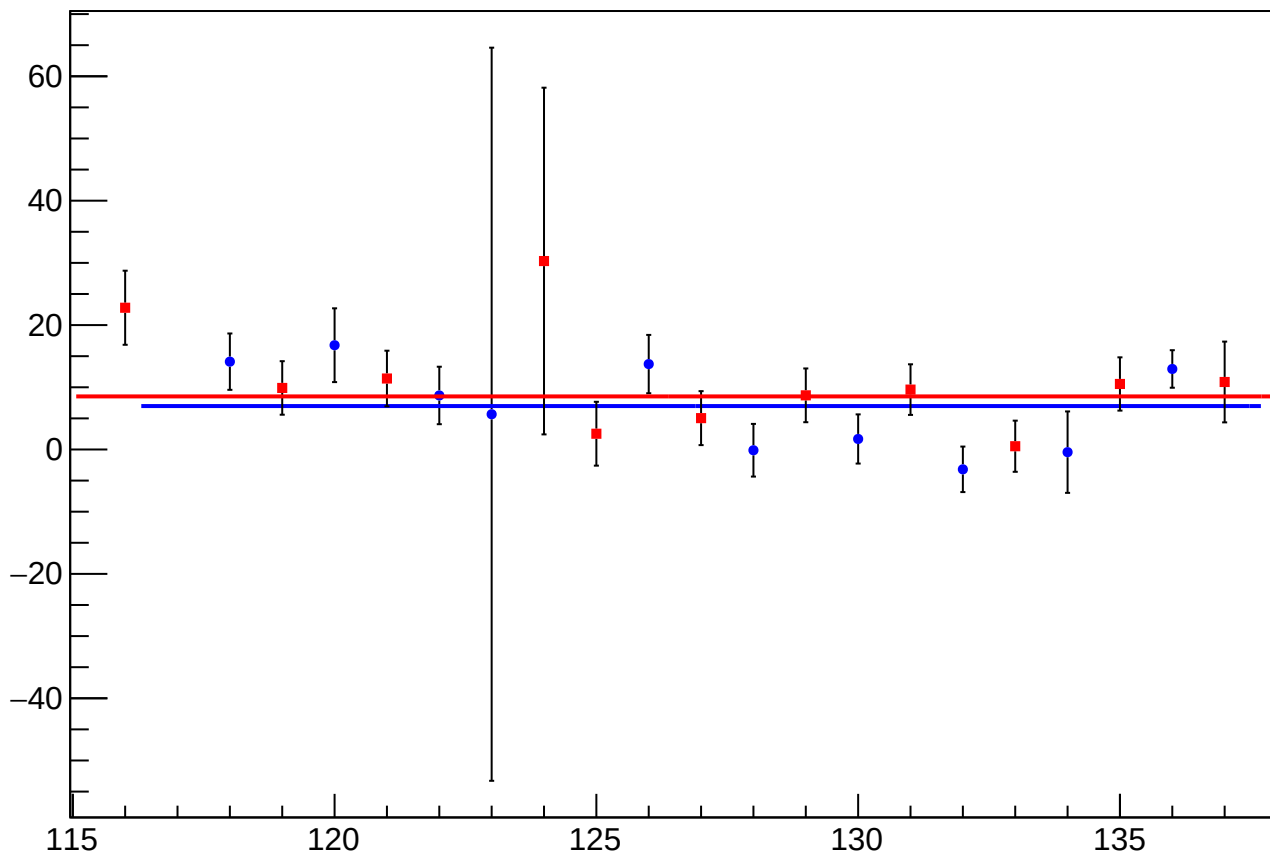
Right: -1.226 ± 0.510 χ^2/NDF : 20.2/20

In: -1.141 ± 0.720 χ^2/NDF : 11.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.226 ± 0.510 χ^2/NDF : 20.2/20

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.981+/-1.418 χ^2/NDF : 24.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.533+/-1.449 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

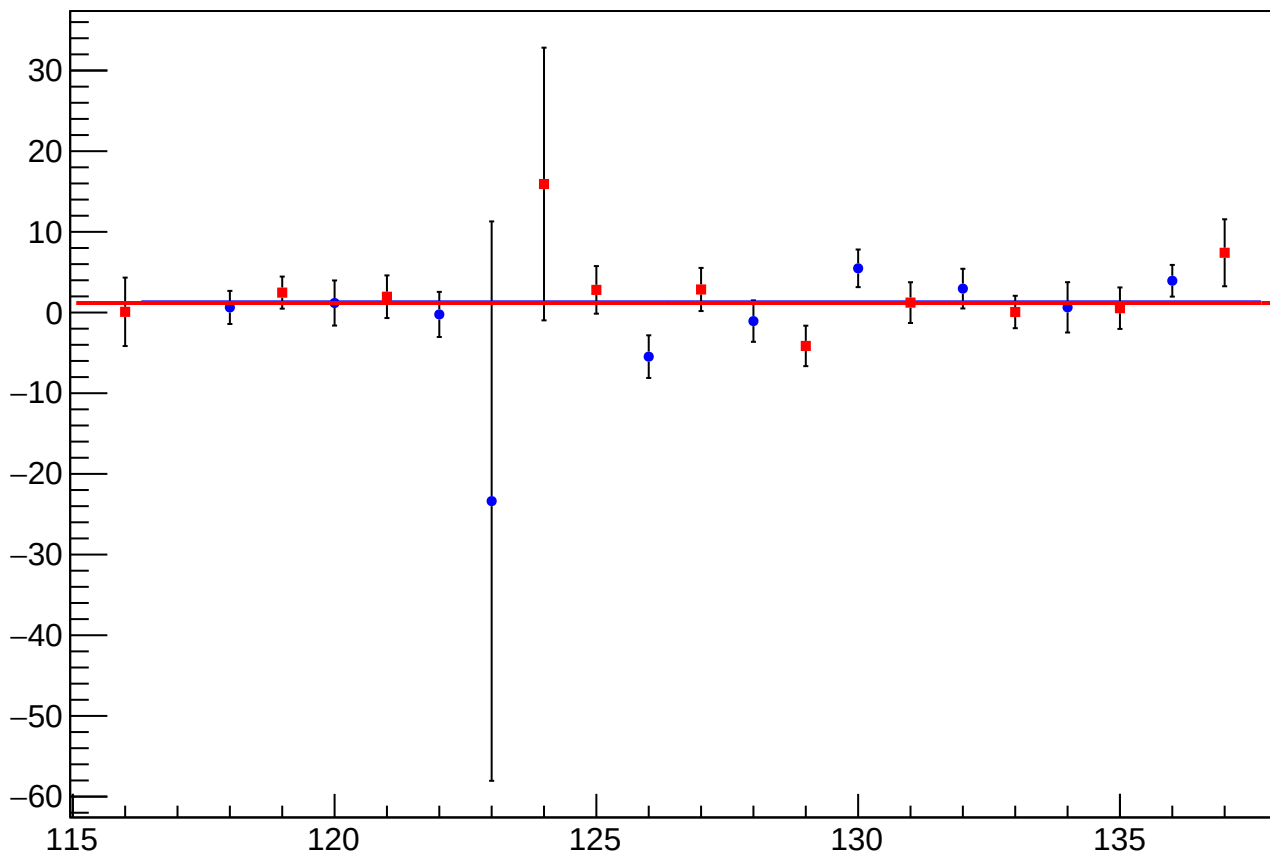
Right: 7.740+/-1.014 χ^2/NDF : 38.6/20

In: 6.981+/-1.418 χ^2/NDF : 24.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.740+/-1.014 χ^2/NDF : 38.6/20

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.261+/-0.817 χ^2/NDF : 13.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.181+/-0.821 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

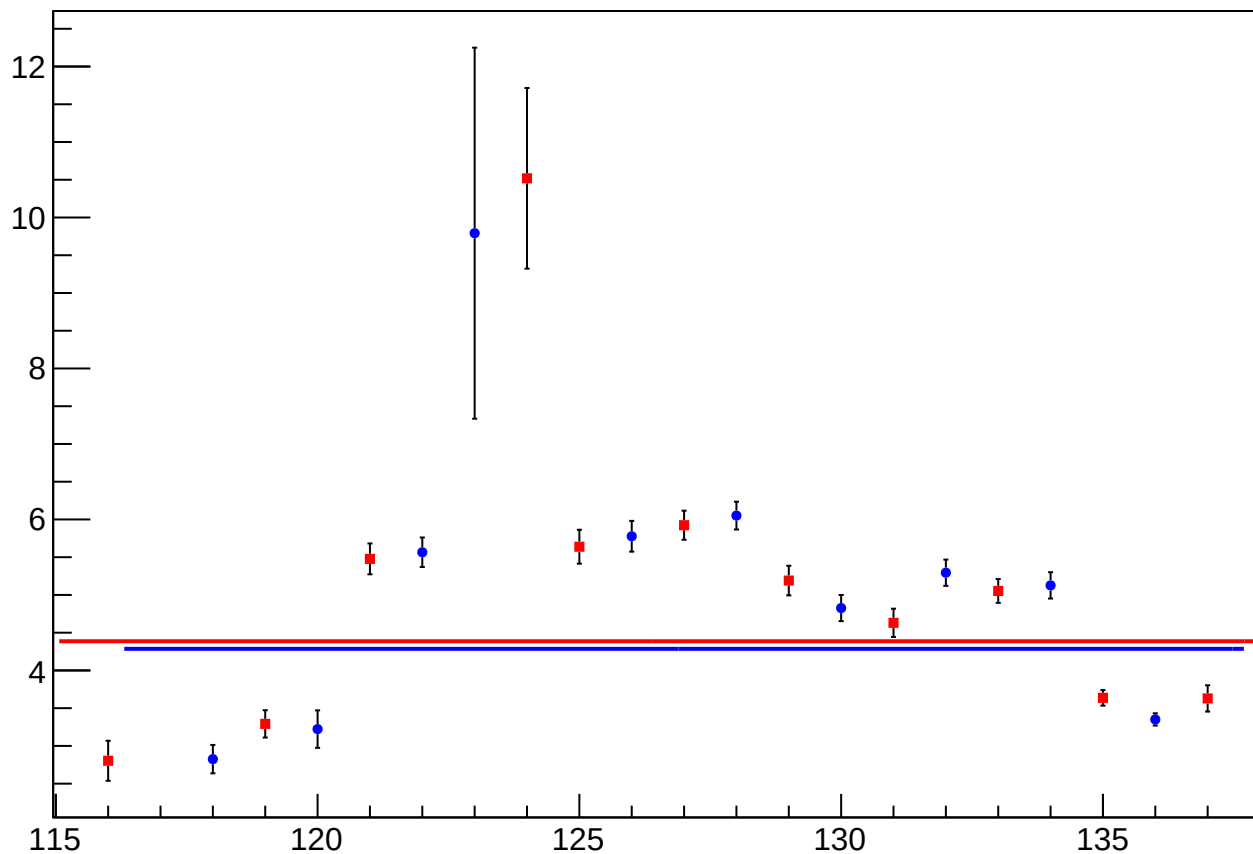
Right: 1.221+/-0.579 χ^2/NDF : 23.0/20

In: 1.261+/-0.817 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.221+/-0.579 χ^2/NDF : 23.0/20

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.286+/-0.052 χ^2/NDF : 472.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.387+/-0.054 χ^2/NDF : 329.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

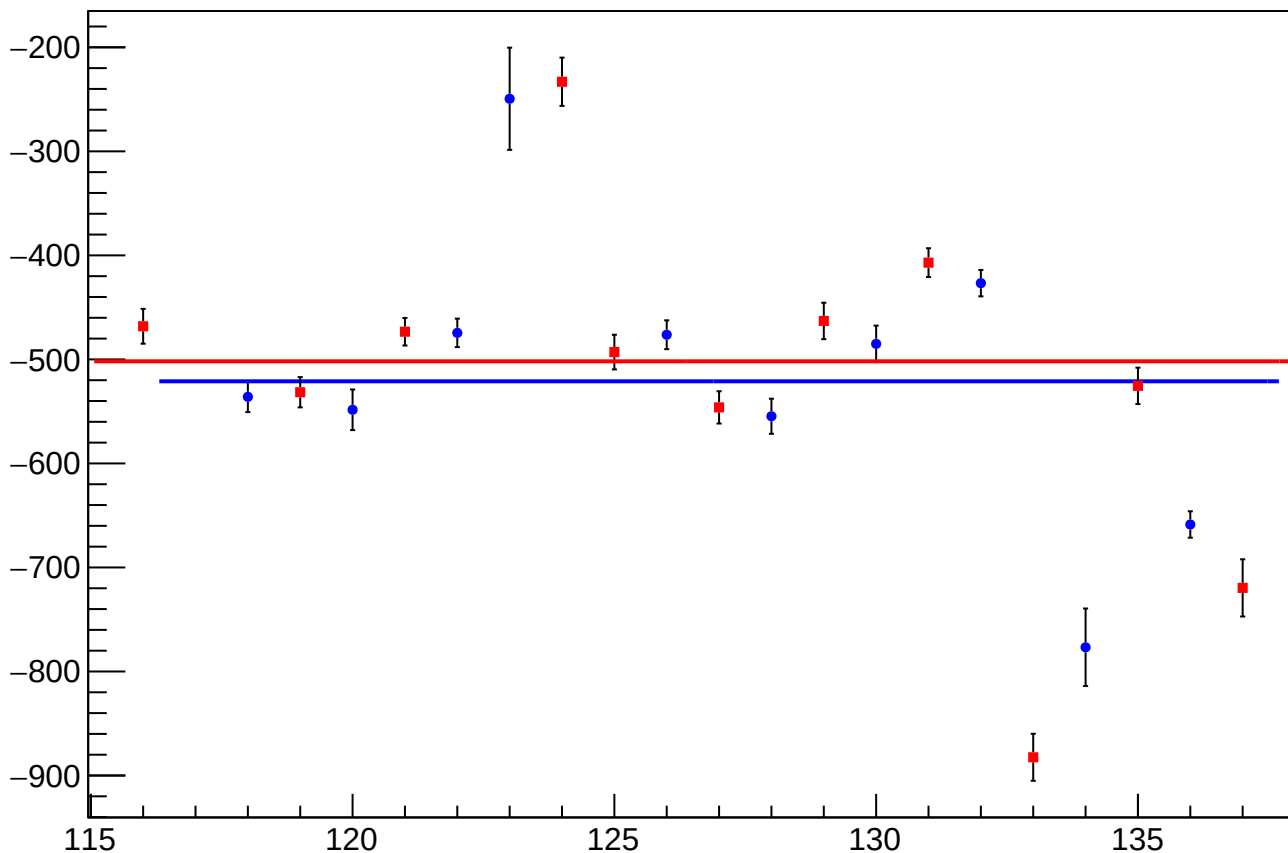
Right: 4.334+/-0.037 χ^2/NDF : 803.7/20

In: 4.286+/-0.052 χ^2/NDF : 472.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.334+/-0.037 χ^2/NDF : 803.7/20

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -521.056+/-5.121 χ^2/NDF : 283.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.841+/-5.088 χ^2/NDF : 555.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

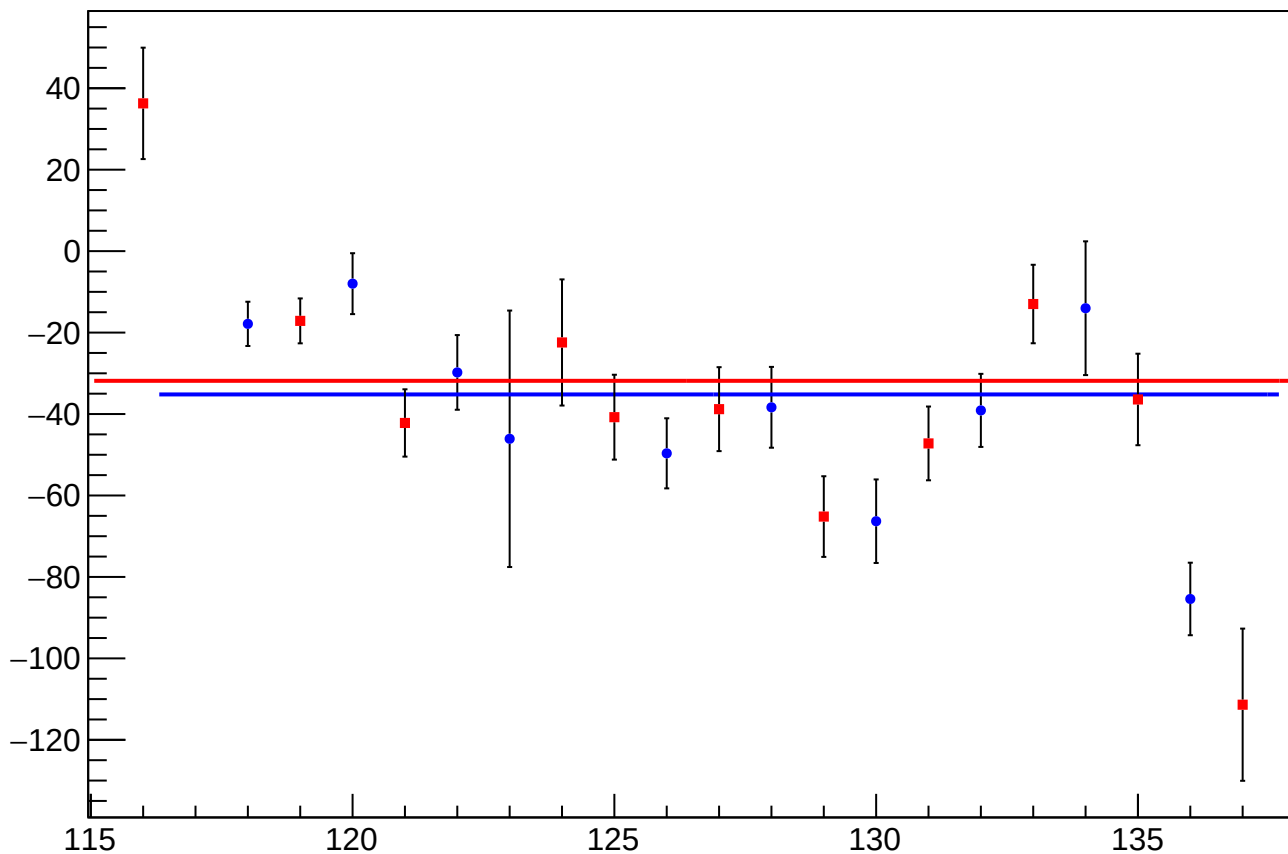
Right: -511.387+/-3.609 χ^2/NDF : 846.2/20

In: -521.056+/-5.121 χ^2/NDF : 283.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.387+/-3.609 χ^2/NDF : 846.2/20

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.187 $\pm$ 2.811 χ^2 /NDF: 69.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.844 $\pm$ 2.891 χ^2 /NDF: 71.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

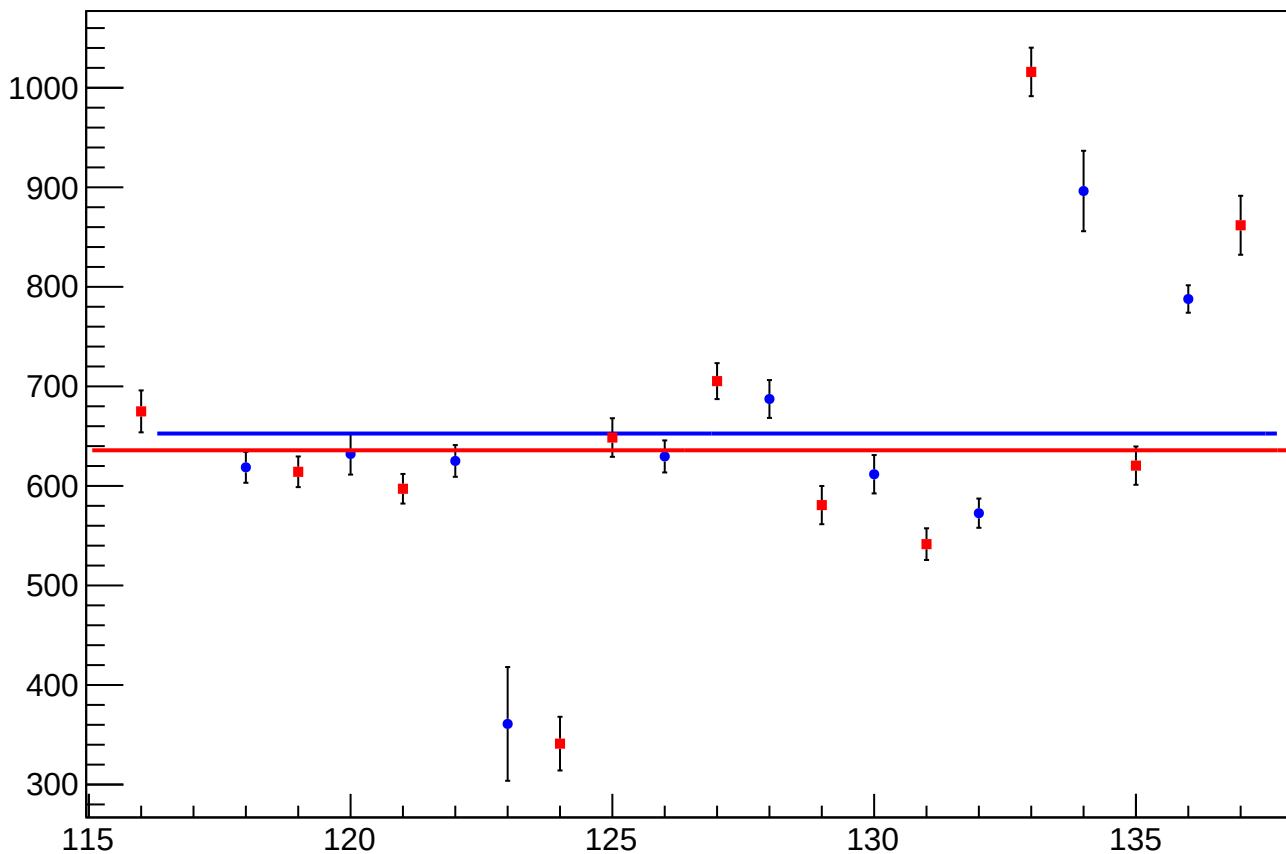
Right: -33.563 $\pm$ 2.015 χ^2 /NDF: 141.7/20

In: -35.187 $\pm$ 2.811 χ^2 /NDF:69.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.563 $\pm$ 2.015 χ^2 /NDF: 141.7/20

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 652.634 $\pm$ 5.723 χ^2 /NDF: 206.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 635.796 $\pm$ 5.748 χ^2 /NDF: 492.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

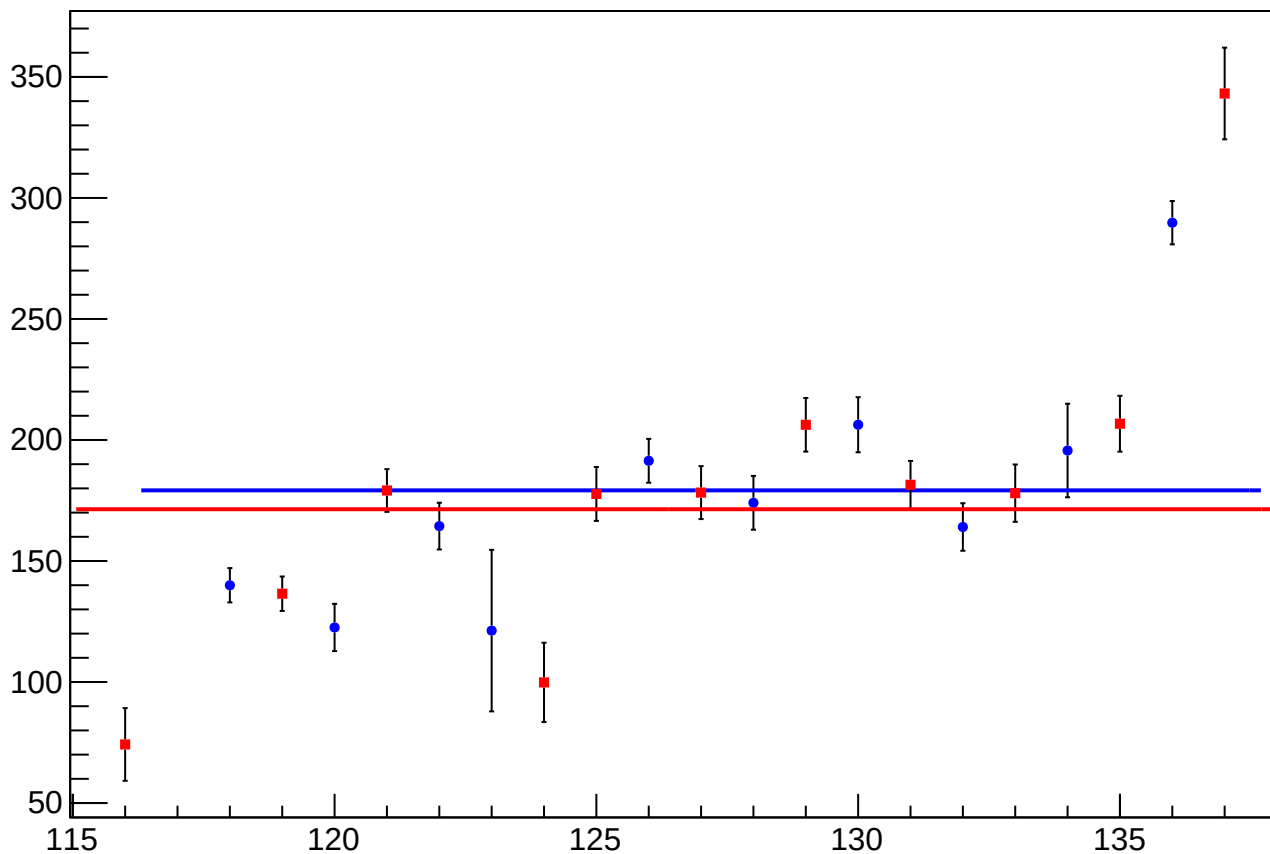
Right: 644.252 $\pm$ 4.056 χ^2 /NDF: 703.4/20

In: 652.634 $\pm$ 5.723 χ^2 /NDF:206.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 644.252 $\pm$ 4.056 χ^2 /NDF: 703.4/20

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 179.187+/-3.234 χ^2/NDF : 233.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.392+/-3.278 χ^2/NDF : 189.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

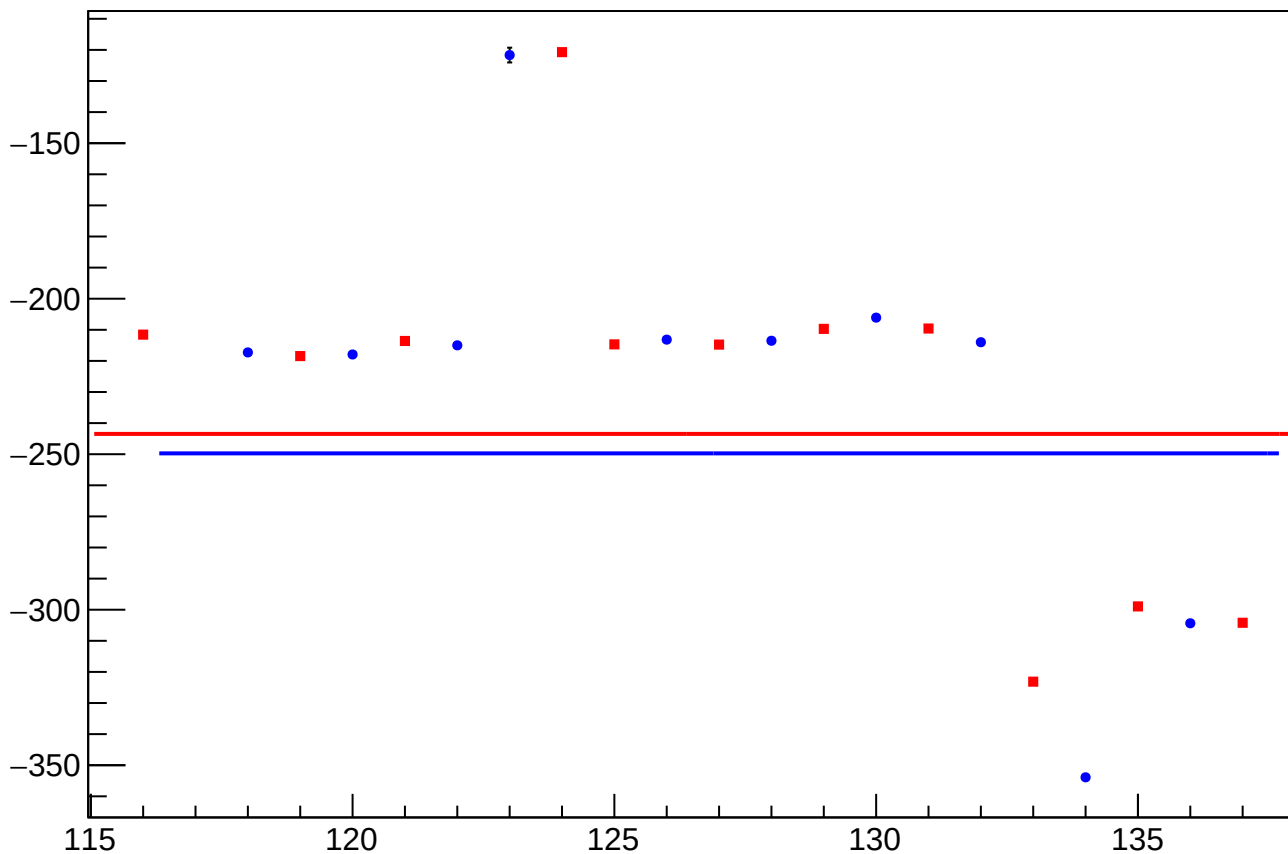
Right: 175.342+/-2.302 χ^2/NDF : 425.8/20

In: 179.187+/-3.234 χ^2/NDF : 233.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.342+/-2.302 χ^2/NDF : 425.8/20

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -249.730+/-0.217 χ^2/NDF : 49851.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -243.470+/-0.224 χ^2/NDF : 49247.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

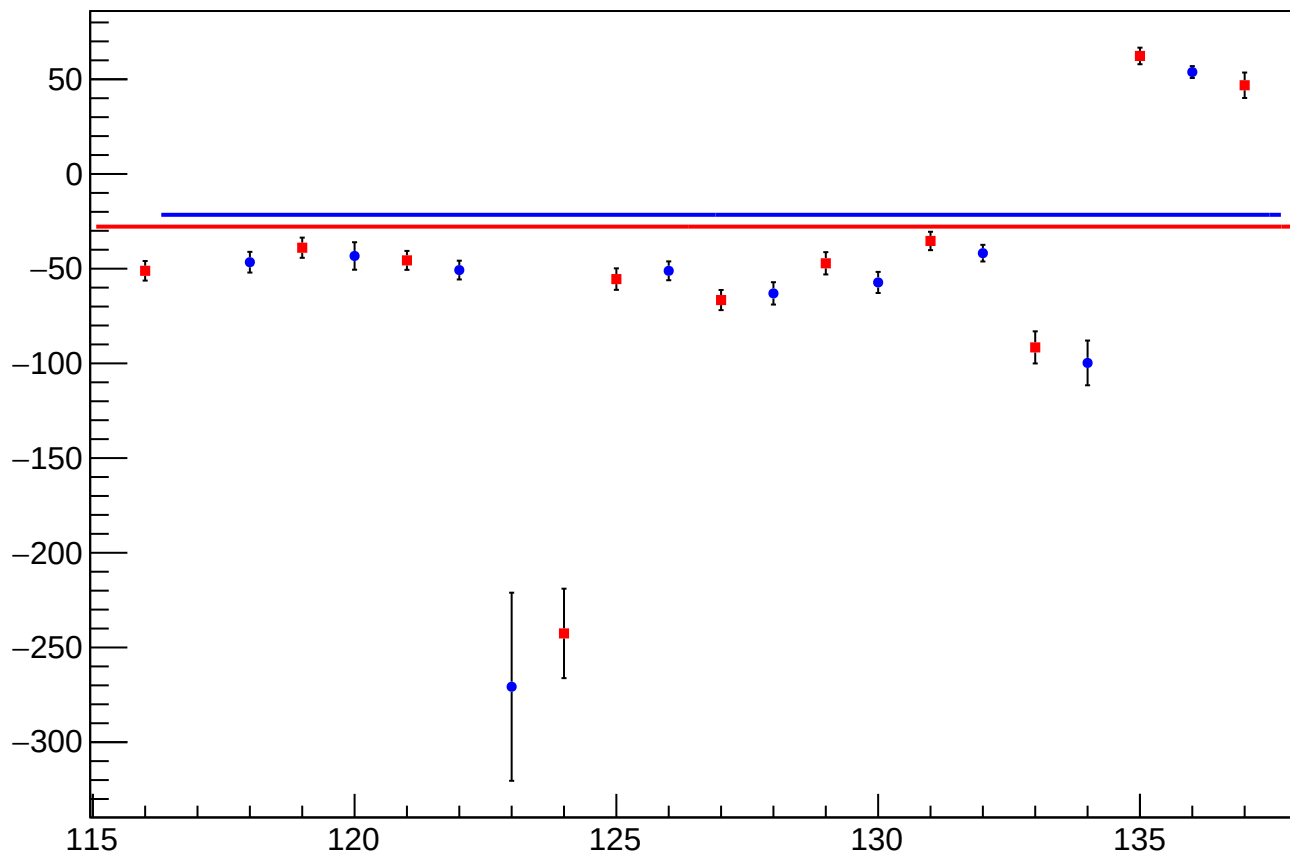
Right: -246.698+/-0.156 χ^2/NDF : 99501.9/20

In: -249.730+/-0.217 χ^2/NDF : 49851.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.698+/-0.156 χ^2/NDF : 99501.9/20

reg_asym_at2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -21.555 $\pm$ 1.676 χ^2 /NDF: 860.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.795 $\pm$ 1.713 χ^2 /NDF: 815.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

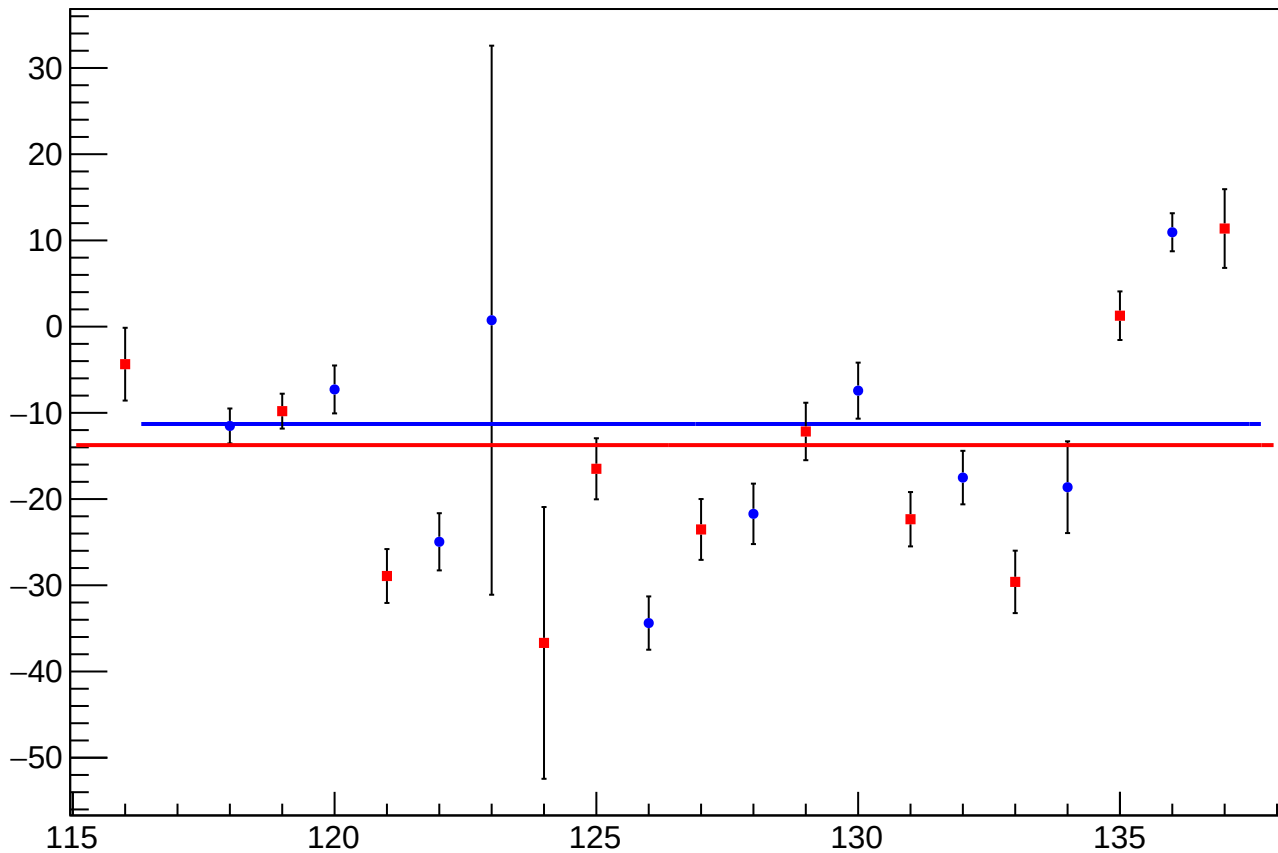
Right: -24.607 $\pm$ 1.198 χ^2 /NDF: 1682.3/20

In: -21.555 $\pm$ 1.676 χ^2 /NDF:860.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.607 $\pm$ 1.198 χ^2 /NDF: 1682.3/20

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.292 $\pm$ 0.958 χ^2 /NDF: 192.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.742 $\pm$ 0.996 χ^2 /NDF: 128.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

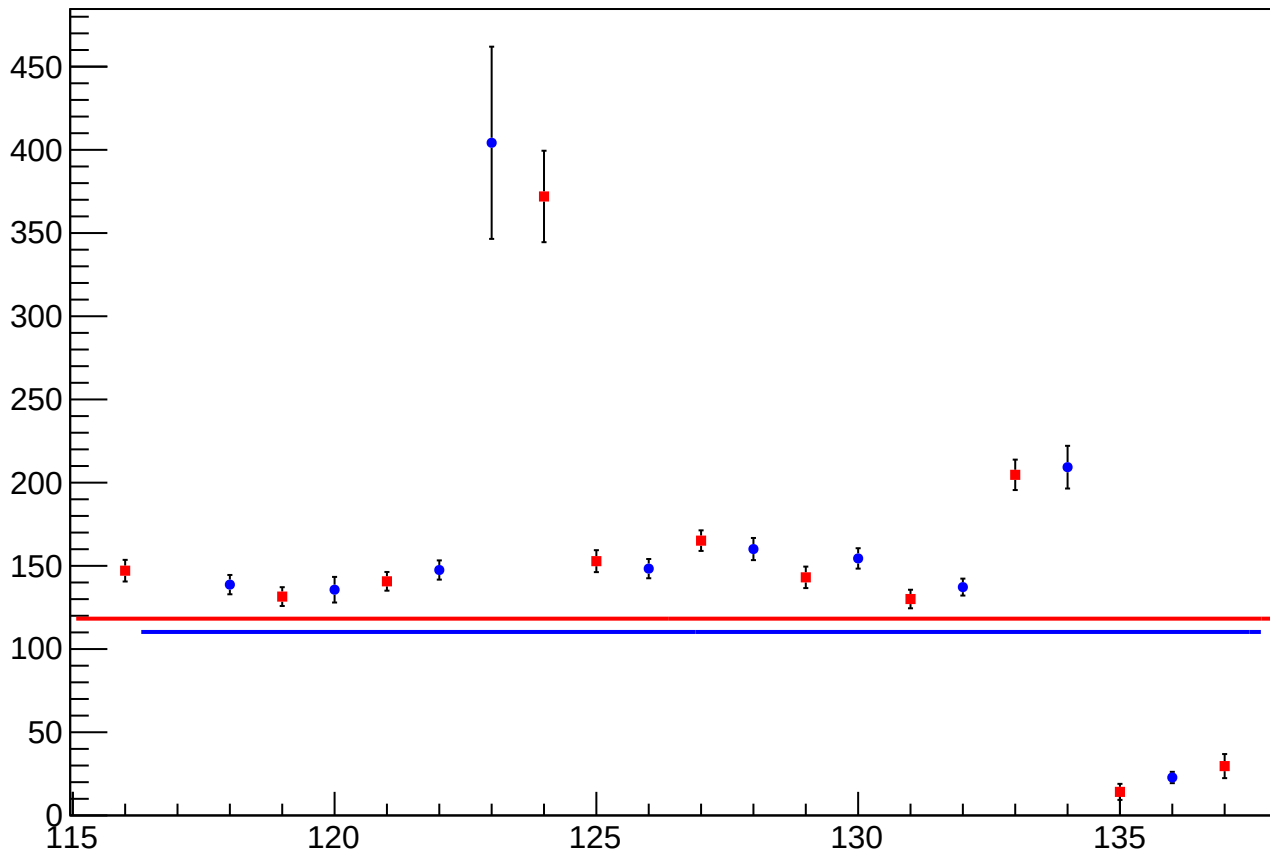
Right: -12.469 $\pm$ 0.690 χ^2 /NDF: 324.2/20

In: -11.292 $\pm$ 0.958 χ^2 /NDF:192.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.469 $\pm$ 0.690 χ^2 /NDF: 324.2/20

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 110.273+/-1.866 χ^2/NDF : 1002.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.267+/-1.934 χ^2/NDF : 936.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

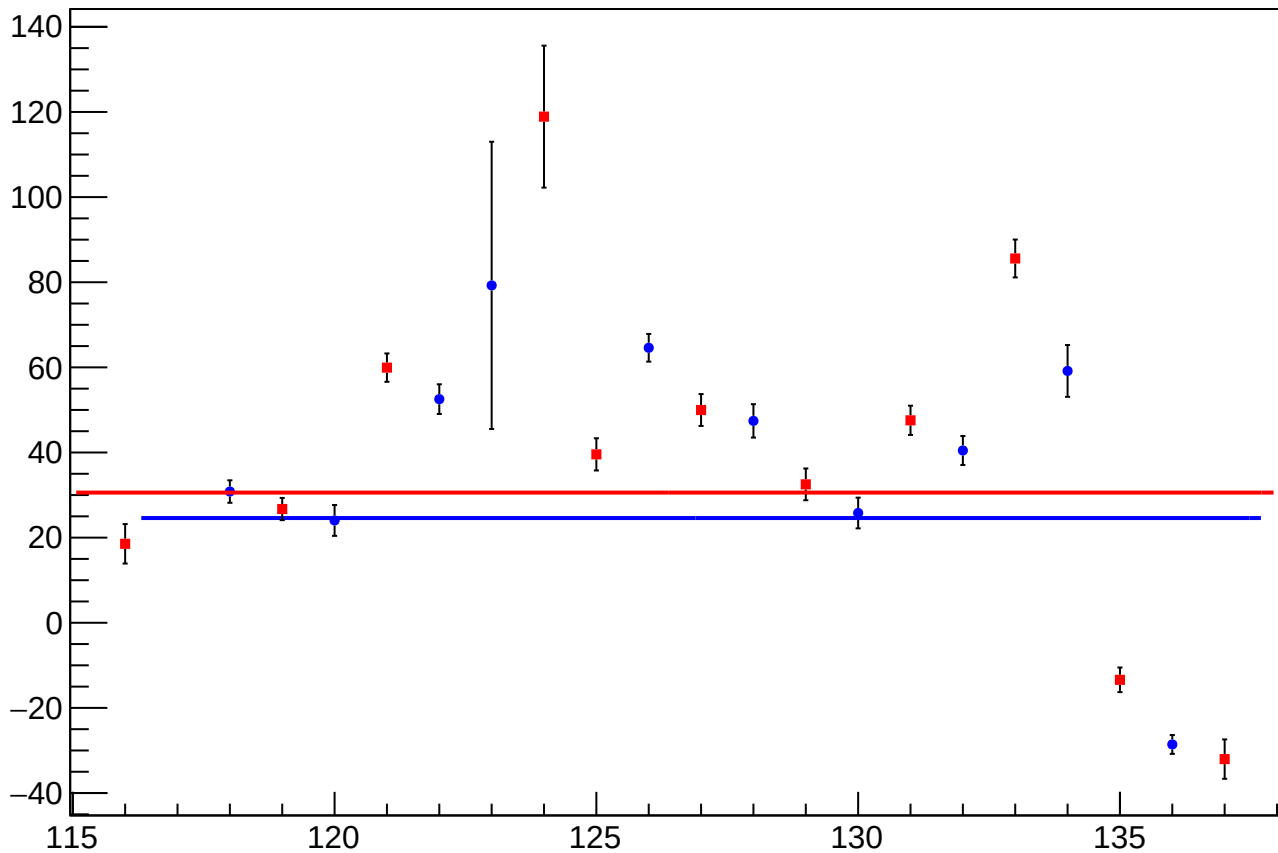
Right: 114.128+/-1.343 χ^2/NDF : 1948.2/20

In: 110.273+/-1.866 χ^2/NDF : 1002.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.128+/-1.343 χ^2/NDF : 1948.2/20

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.602 $\pm$ 1.081 χ^2 /NDF: 888.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.586 $\pm$ 1.117 χ^2 /NDF: 739.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

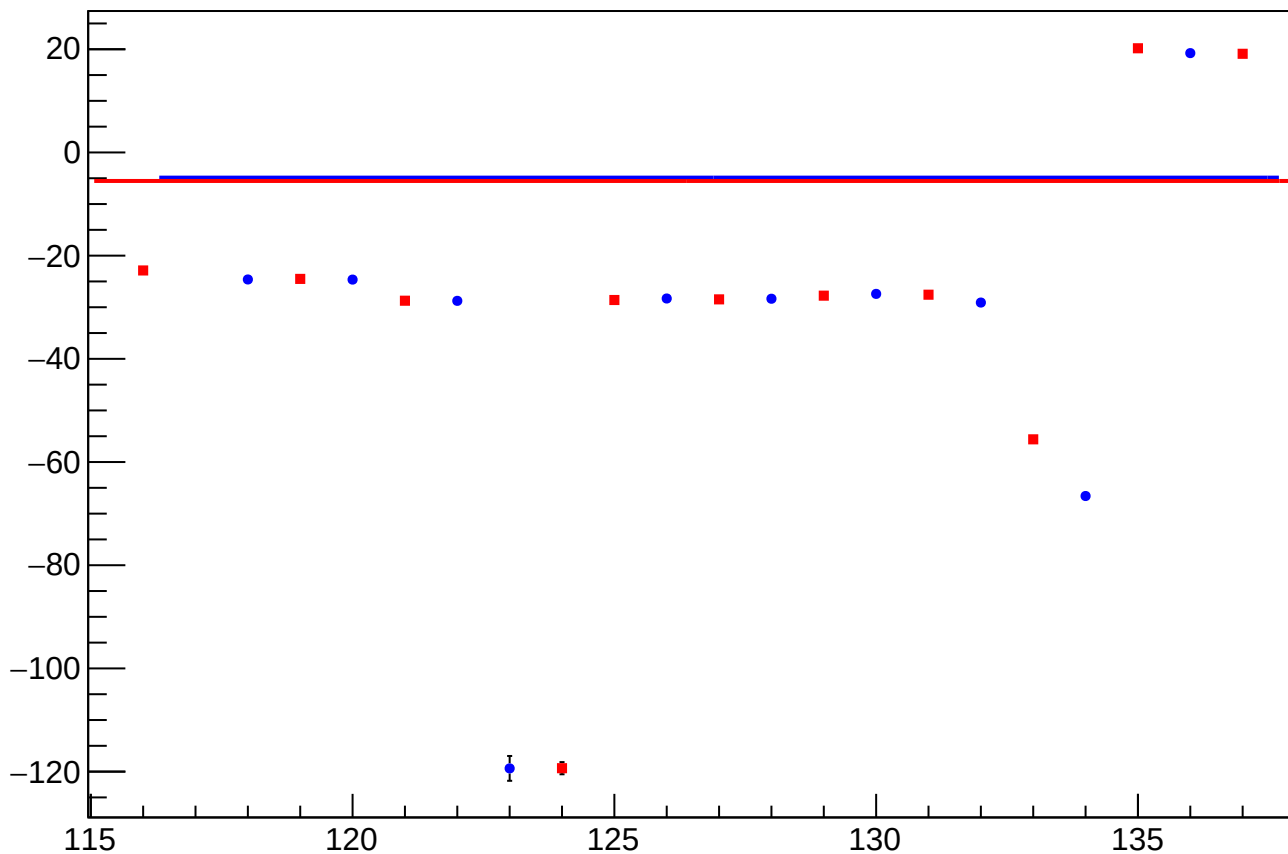
Right: 27.496 $\pm$ 0.777 χ^2 /NDF: 1642.7/20

In: 24.602 $\pm$ 1.081 χ^2 /NDF:888.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.496 $\pm$ 0.777 χ^2 /NDF: 1642.7/20

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -4.881+/-0.066 χ^2/NDF : 159957.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.527+/-0.070 χ^2/NDF : 139833.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

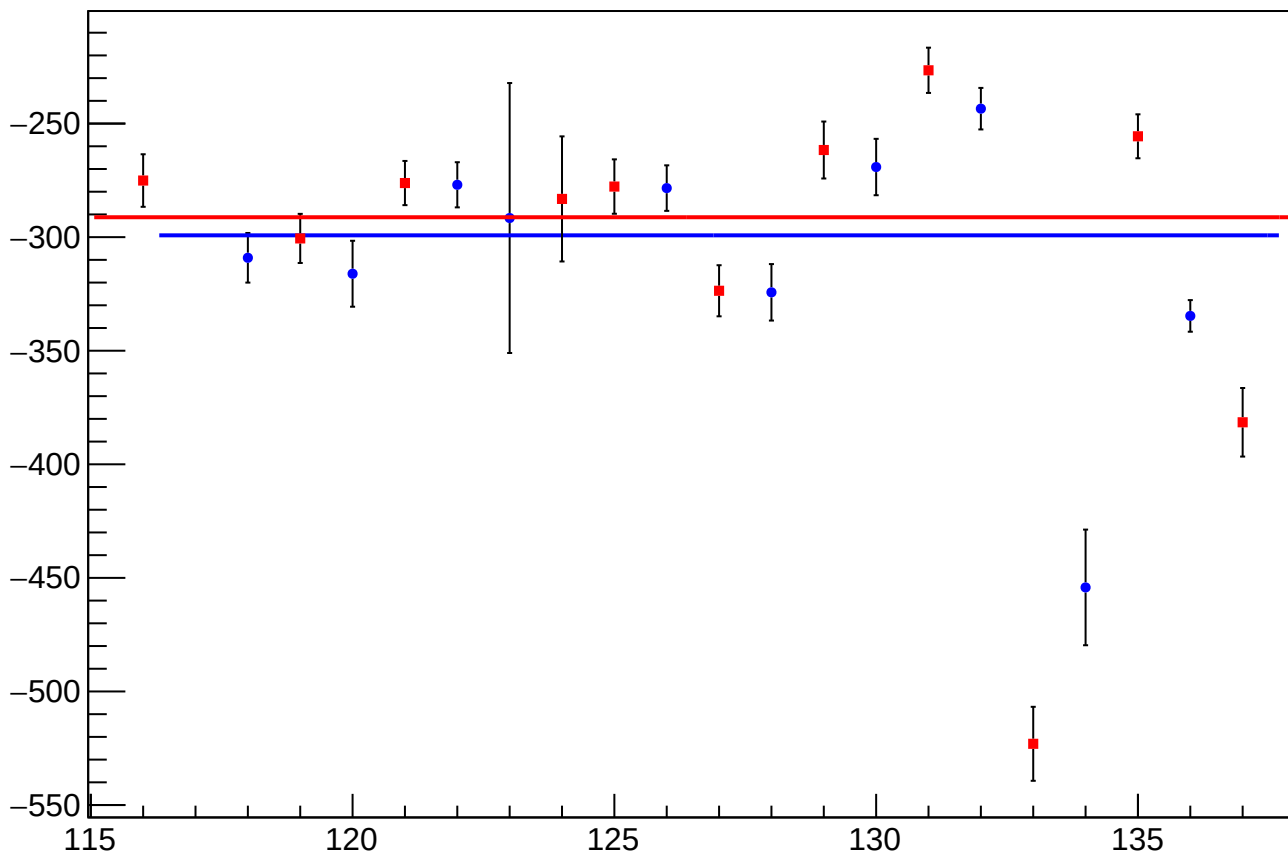
Right: -5.185+/-0.048 χ^2/NDF : 299837.1/20

In: -4.881+/-0.066 χ^2/NDF : 159957.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.185+/-0.048 χ^2/NDF : 299837.1/20

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -299.203+/-3.522 χ^2/NDF : 121.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -291.240+/-3.579 χ^2/NDF : 314.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

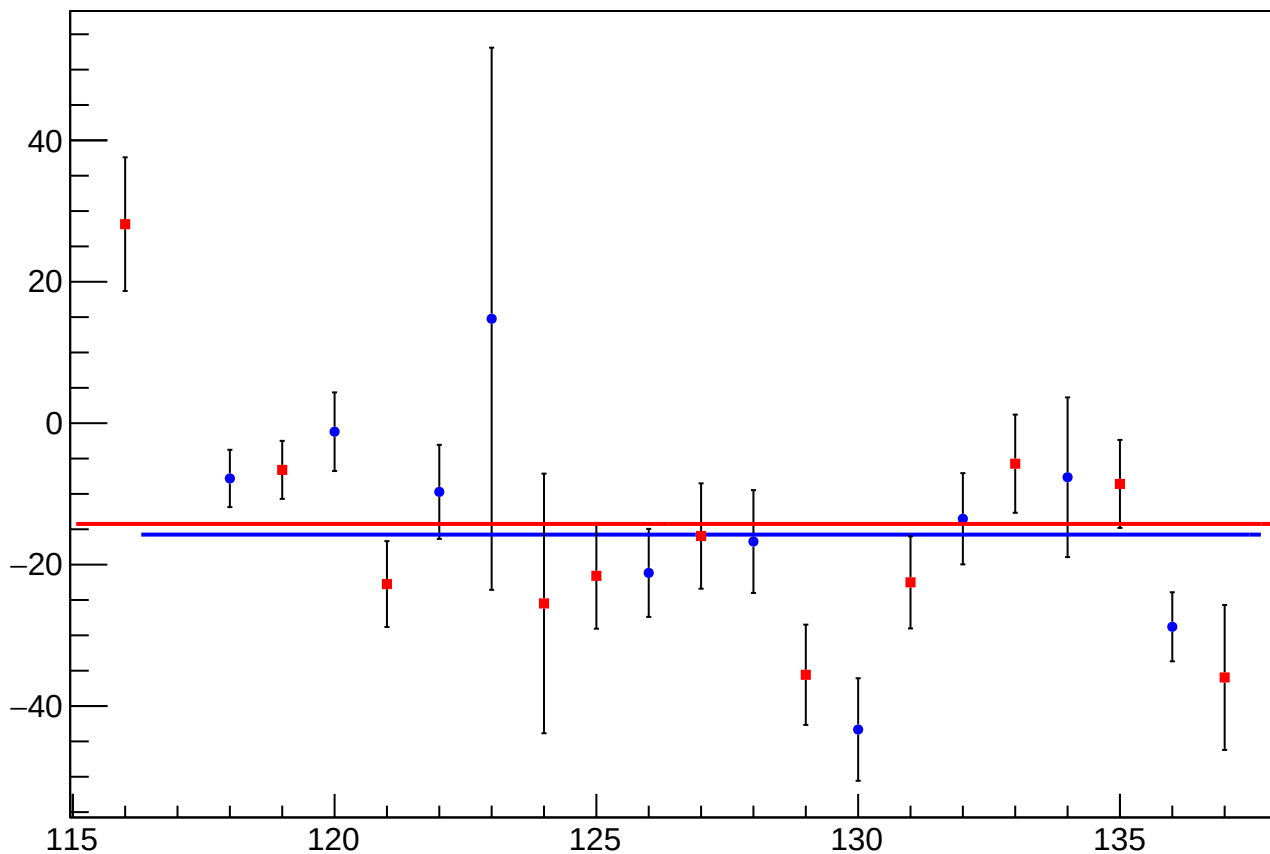
Right: -295.284+/-2.510 χ^2/NDF : 438.6/20

In: -299.203+/-3.522 χ^2/NDF : 121.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -295.284+/-2.510 χ^2/NDF : 438.6/20

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.756 ± 1.984 $\chi^2/\text{NDF}: 35.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.245 ± 2.058 $\chi^2/\text{NDF}: 44.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

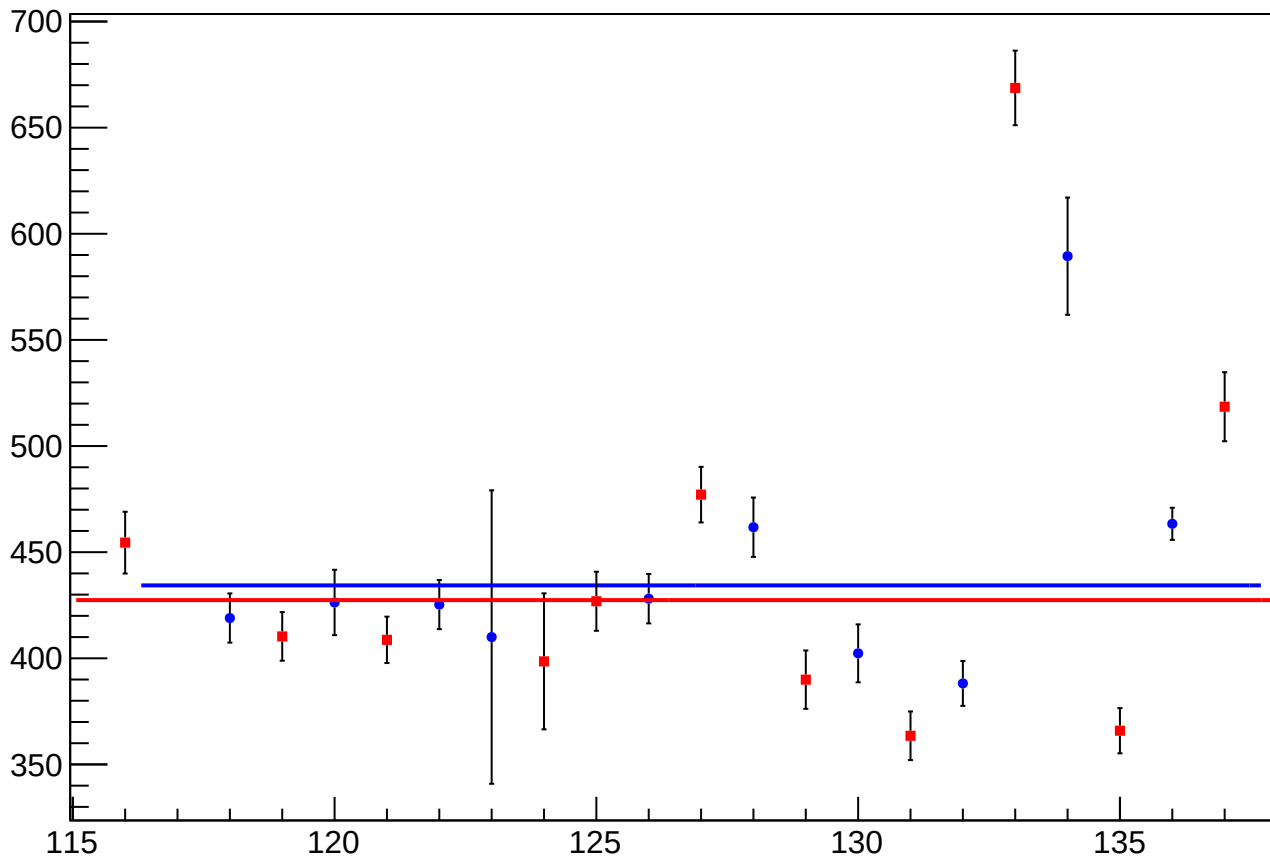
Right: -15.028 ± 1.428 $\chi^2/\text{NDF}: 79.8/20$

In: -15.756 ± 1.984 $\chi^2/\text{NDF}: 35.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.028 ± 1.428 $\chi^2/\text{NDF}: 79.8/20$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 434.349+/-3.925 χ^2/NDF : 77.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.419+/-4.035 χ^2/NDF : 316.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

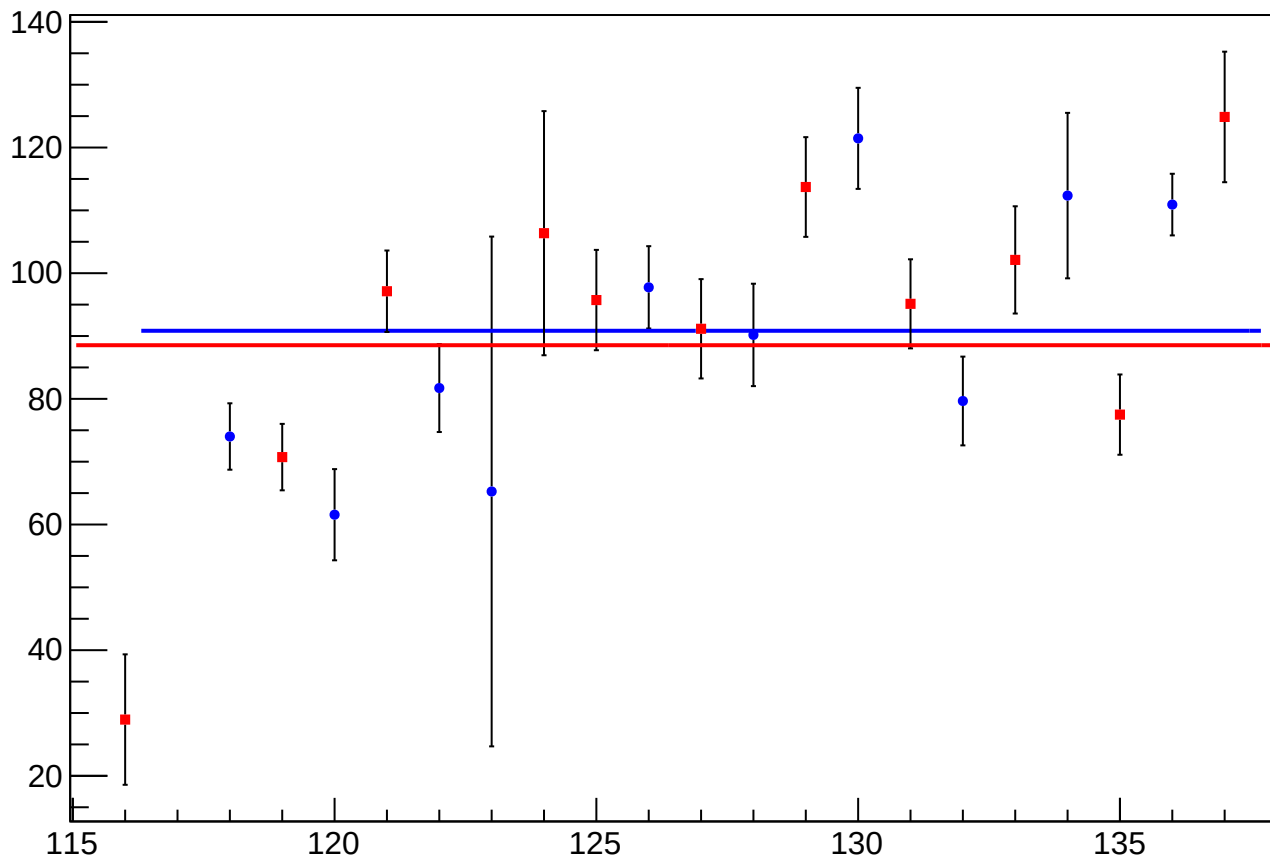
Right: 430.980+/-2.813 χ^2/NDF : 395.3/20

In: 434.349+/-3.925 χ^2/NDF : 77.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.980+/-2.813 χ^2/NDF : 395.3/20

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.836 $\pm$ 2.253 χ^2 /NDF: 66.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.537 $\pm$ 2.316 χ^2 /NDF: 76.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

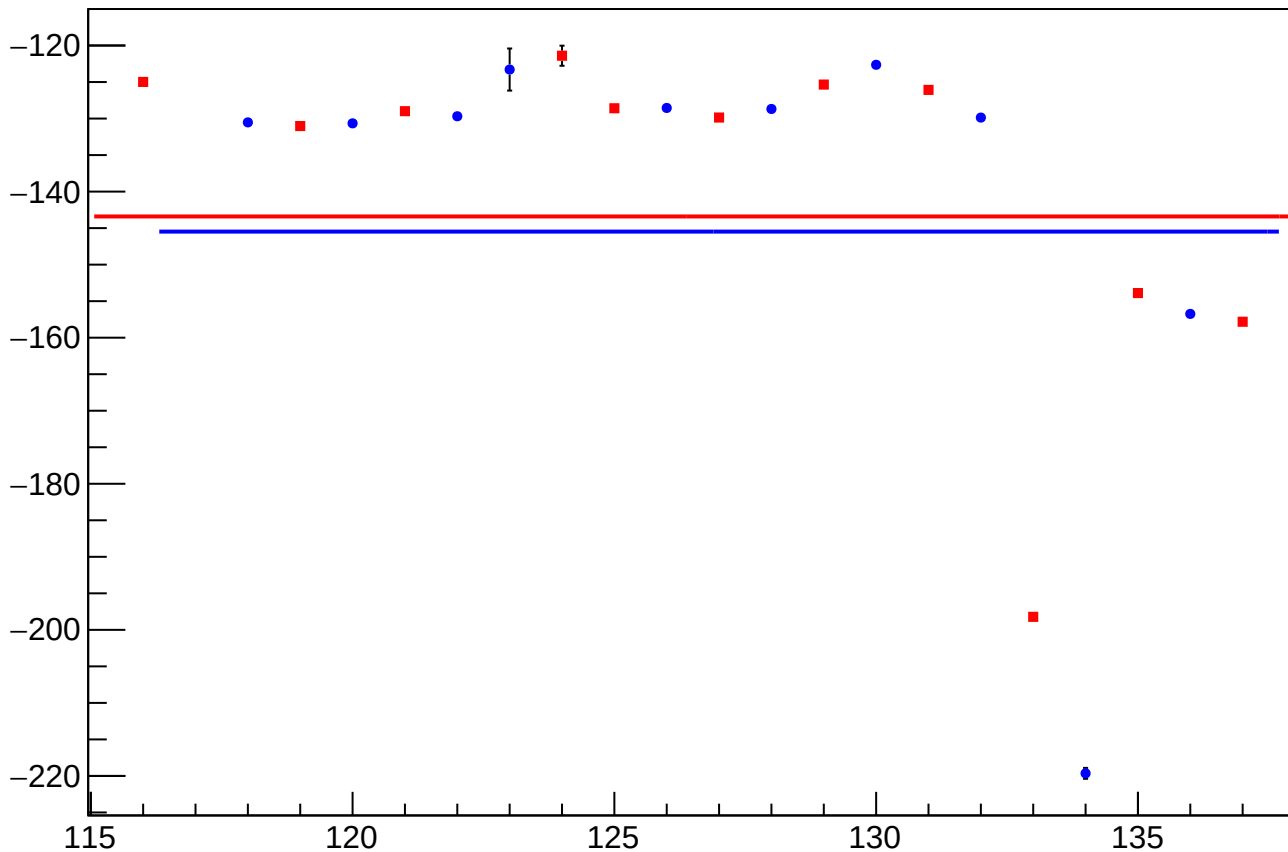
Right: 89.718 $\pm$ 1.615 χ^2 /NDF: 143.1/20

In: 90.836 $\pm$ 2.253 χ^2 /NDF:66.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.718 $\pm$ 1.615 χ^2 /NDF: 143.1/20

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -145.476+/-0.141 χ^2 /NDF: 19883.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -143.404+/-0.148 χ^2 /NDF: 15032.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

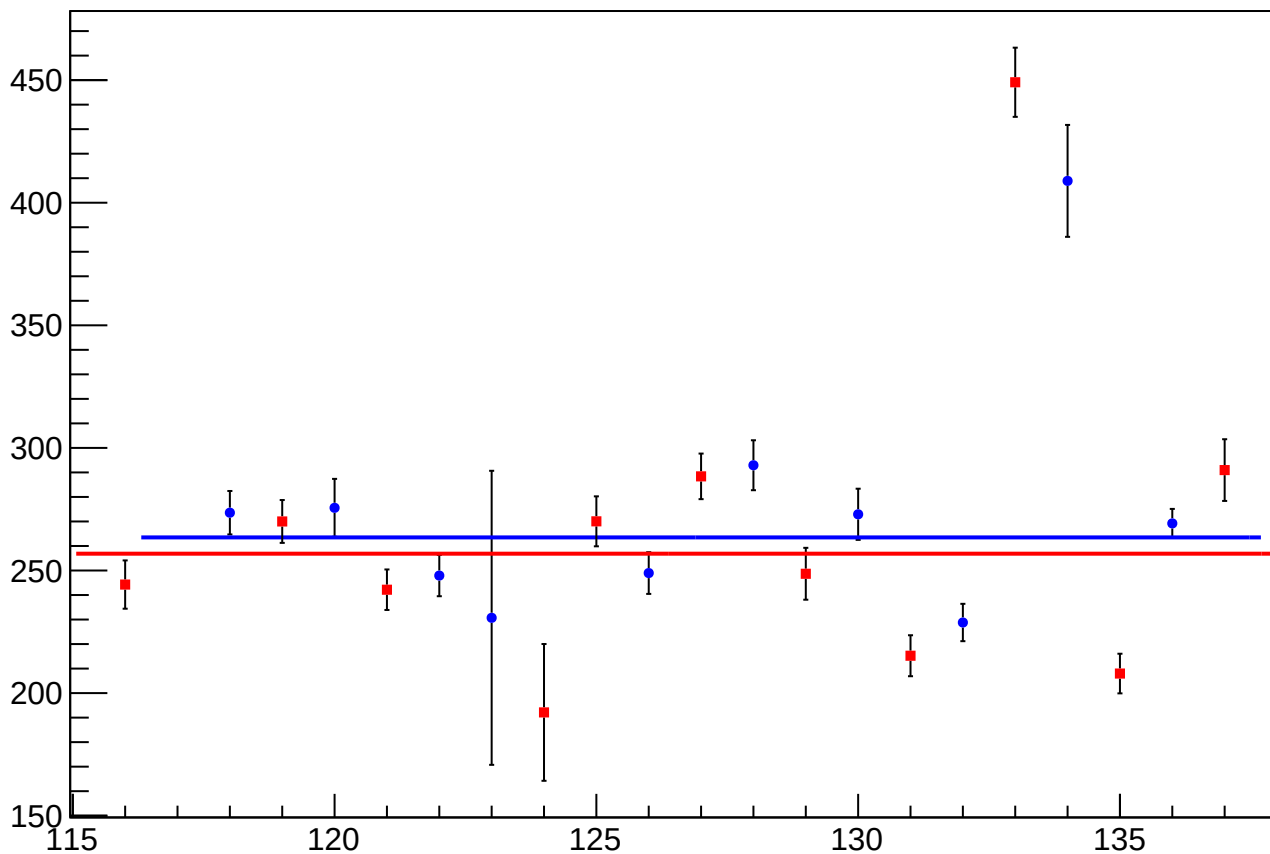
Right: -144.493+/-0.102 χ^2 /NDF: 35018.5/20

In: -145.476+/-0.141 χ^2 /NDF:19883.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -144.493+/-0.102 χ^2 /NDF: 35018.5/20

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 263.499+/-2.952 χ^2/NDF : 80.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.859+/-3.009 χ^2/NDF : 280.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

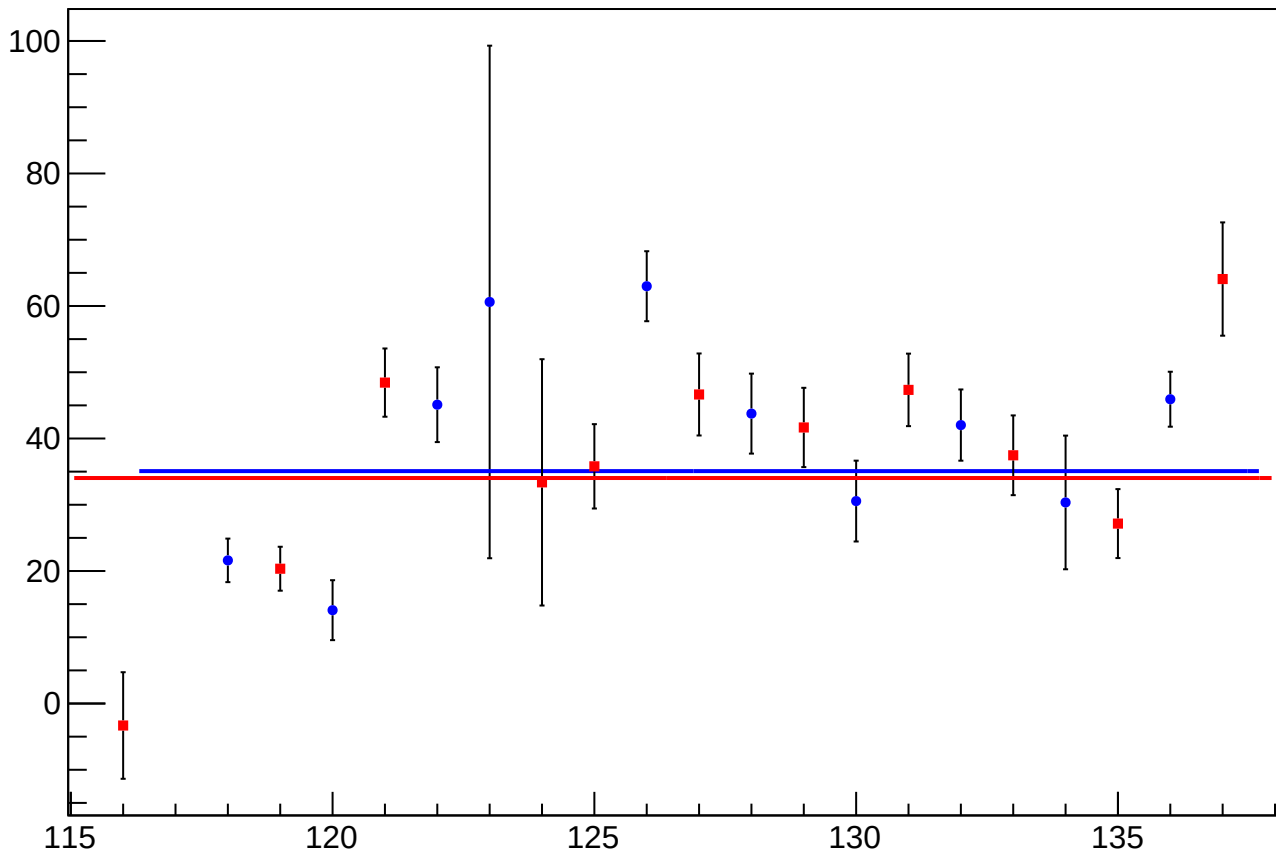
Right: 260.242+/-2.107 χ^2/NDF : 363.6/20

In: 263.499+/-2.952 χ^2/NDF : 80.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.242+/-2.107 χ^2/NDF : 363.6/20

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.079+/-1.652 χ^2/NDF : 81.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.036+/-1.722 χ^2/NDF : 72.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

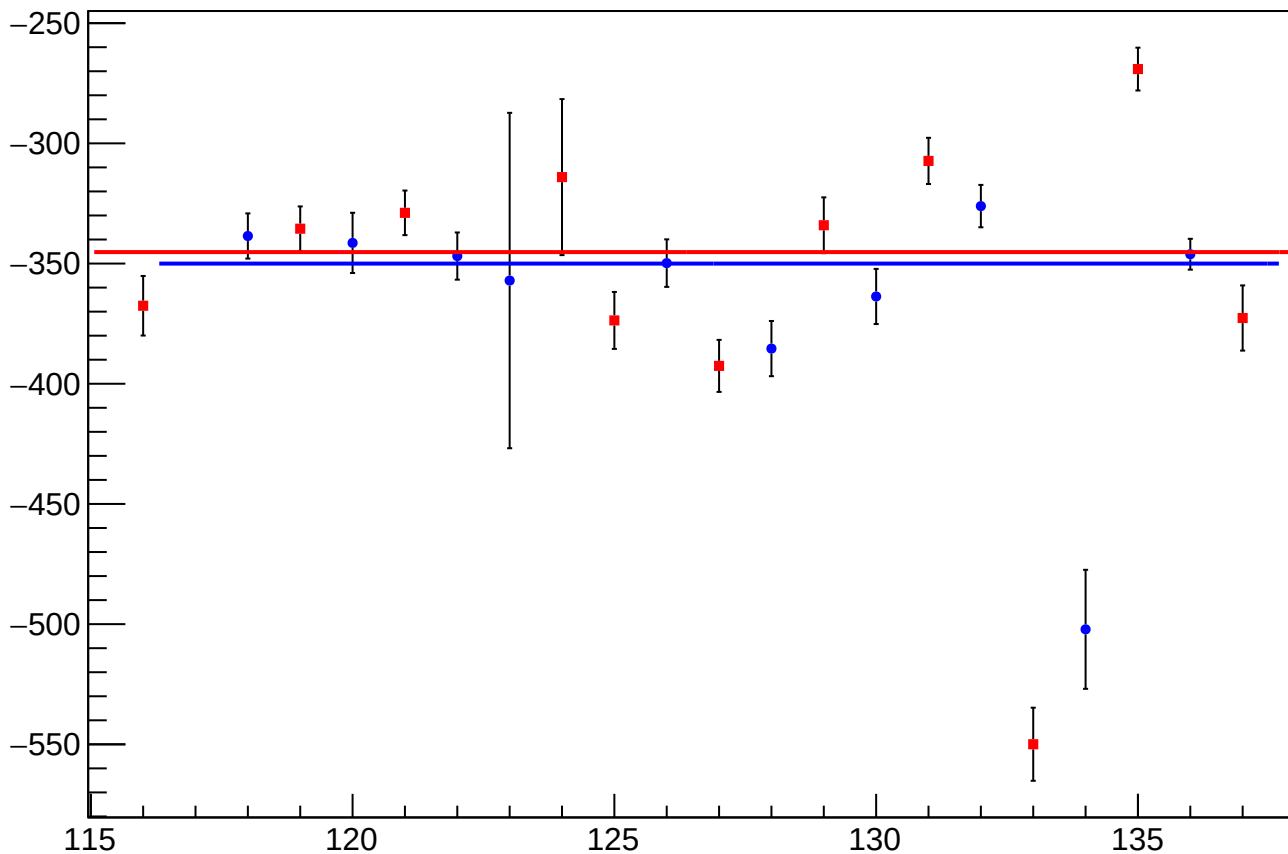
Right: 34.579+/-1.192 χ^2/NDF : 154.0/20

In: 35.079+/-1.652 χ^2/NDF : 81.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.579+/-1.192 χ^2/NDF : 154.0/20

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -350.014+/-3.289 χ^2/NDF : 58.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -345.232+/-3.389 χ^2/NDF : 308.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

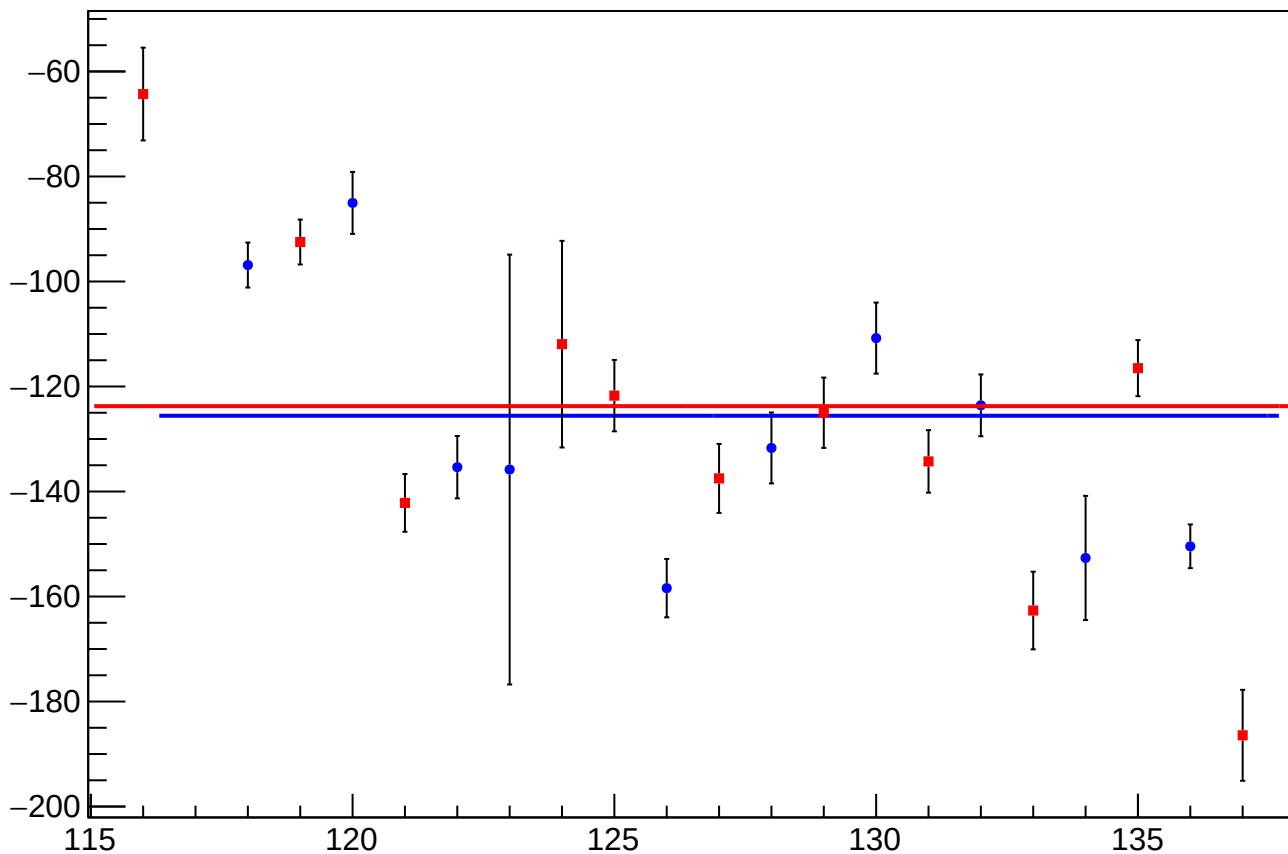
Right: -347.695+/-2.360 χ^2/NDF : 367.7/20

In: -350.014+/-3.289 χ^2/NDF :58.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -347.695+/-2.360 χ^2/NDF : 367.7/20

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -125.573+/-1.883 χ^2/NDF : 176.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.740+/-1.942 χ^2/NDF : 199.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

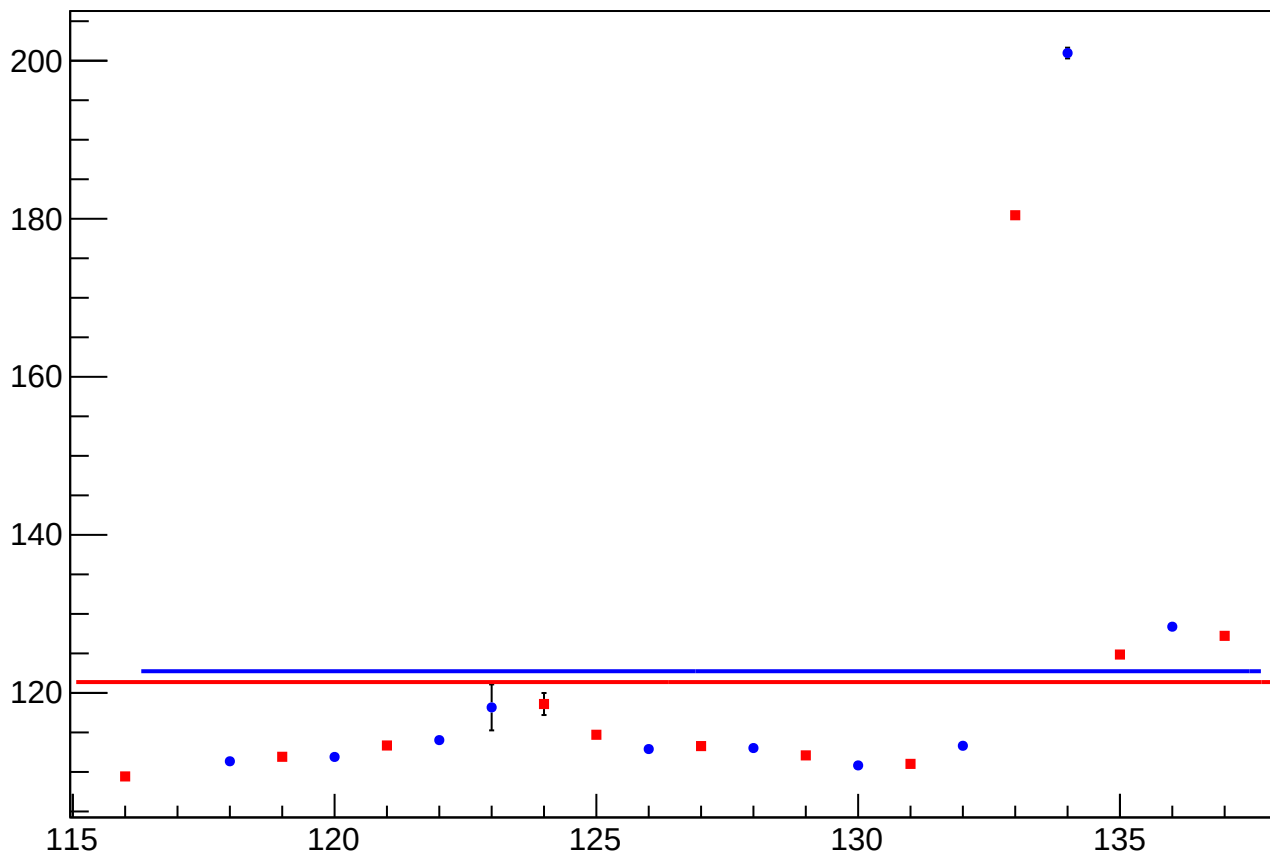
Right: -124.685+/-1.352 χ^2/NDF : 376.6/20

In: -125.573+/-1.883 χ^2/NDF : 176.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.685+/-1.352 χ^2/NDF : 376.6/20

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 122.746+/-0.118 χ^2/NDF : 18012.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.373+/-0.124 χ^2/NDF : 13561.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

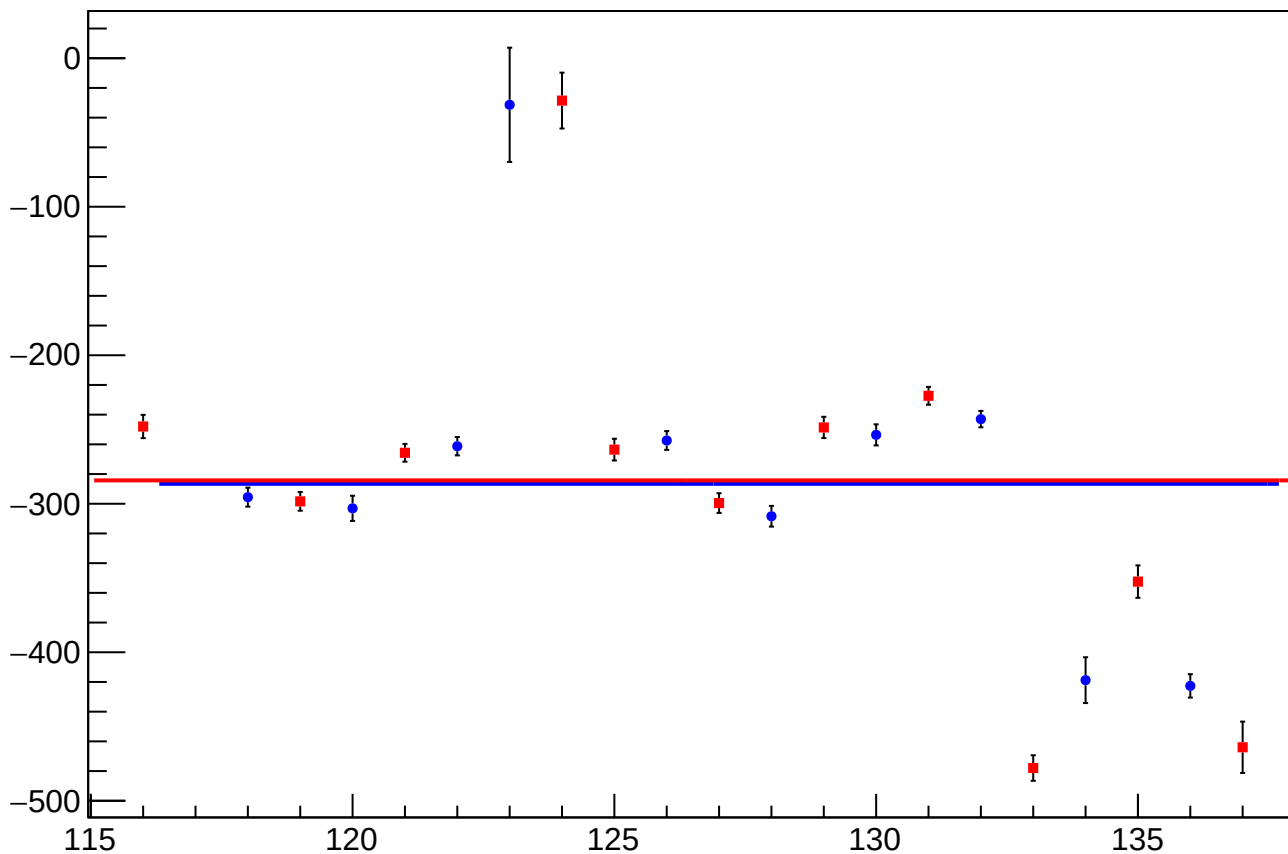
Right: 122.092+/-0.086 χ^2/NDF : 31637.6/20

In: 122.746+/-0.118 χ^2/NDF : 18012.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.092+/-0.086 χ^2/NDF : 31637.6/20

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -286.585+/-2.333 χ^2/NDF : 553.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -284.261+/-2.317 χ^2/NDF : 1002.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

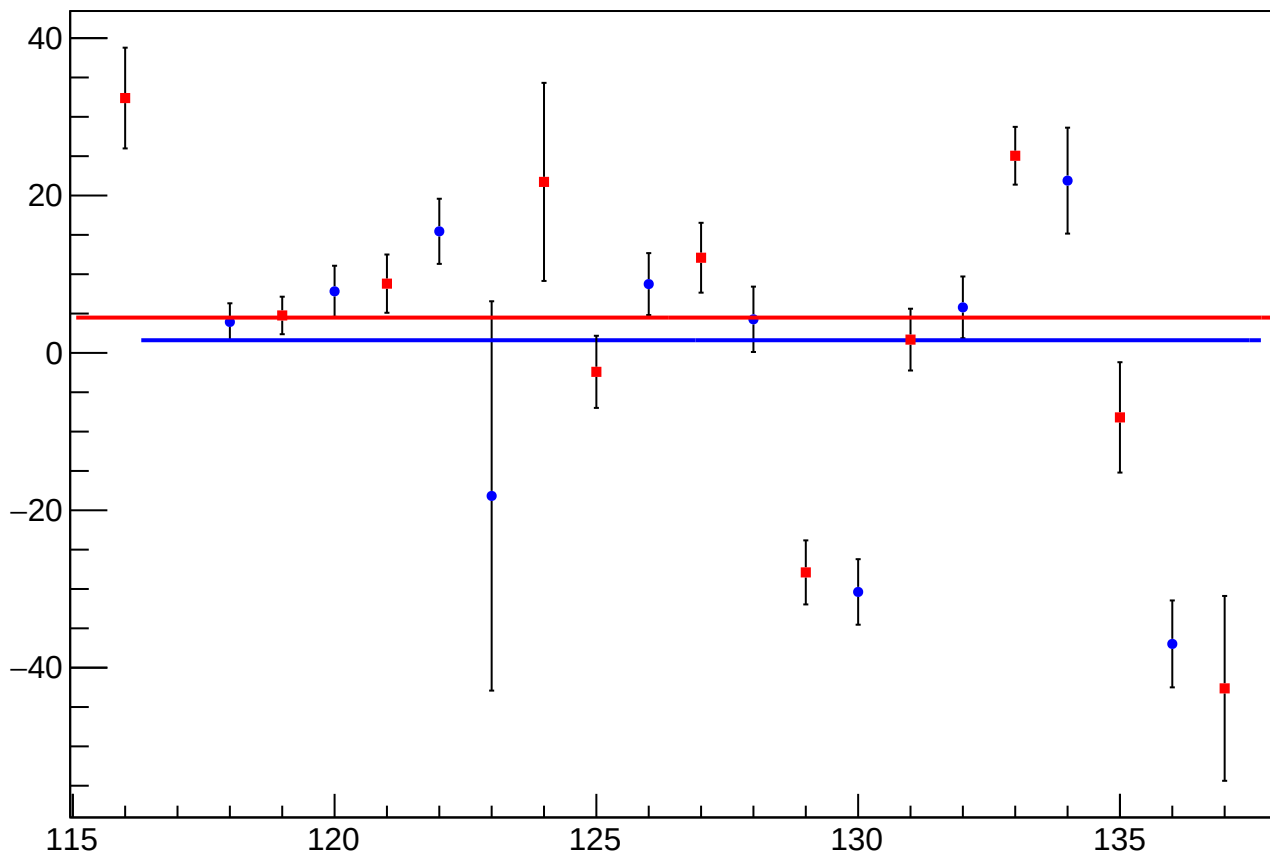
Right: -285.415+/-1.644 χ^2/NDF : 1557.1/20

In: -286.585+/-2.333 χ^2/NDF : 553.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.415+/-1.644 χ^2/NDF : 1557.1/20

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.610 $\pm$ 1.258 χ^2 /NDF: 138.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.489 $\pm$ 1.285 χ^2 /NDF: 142.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

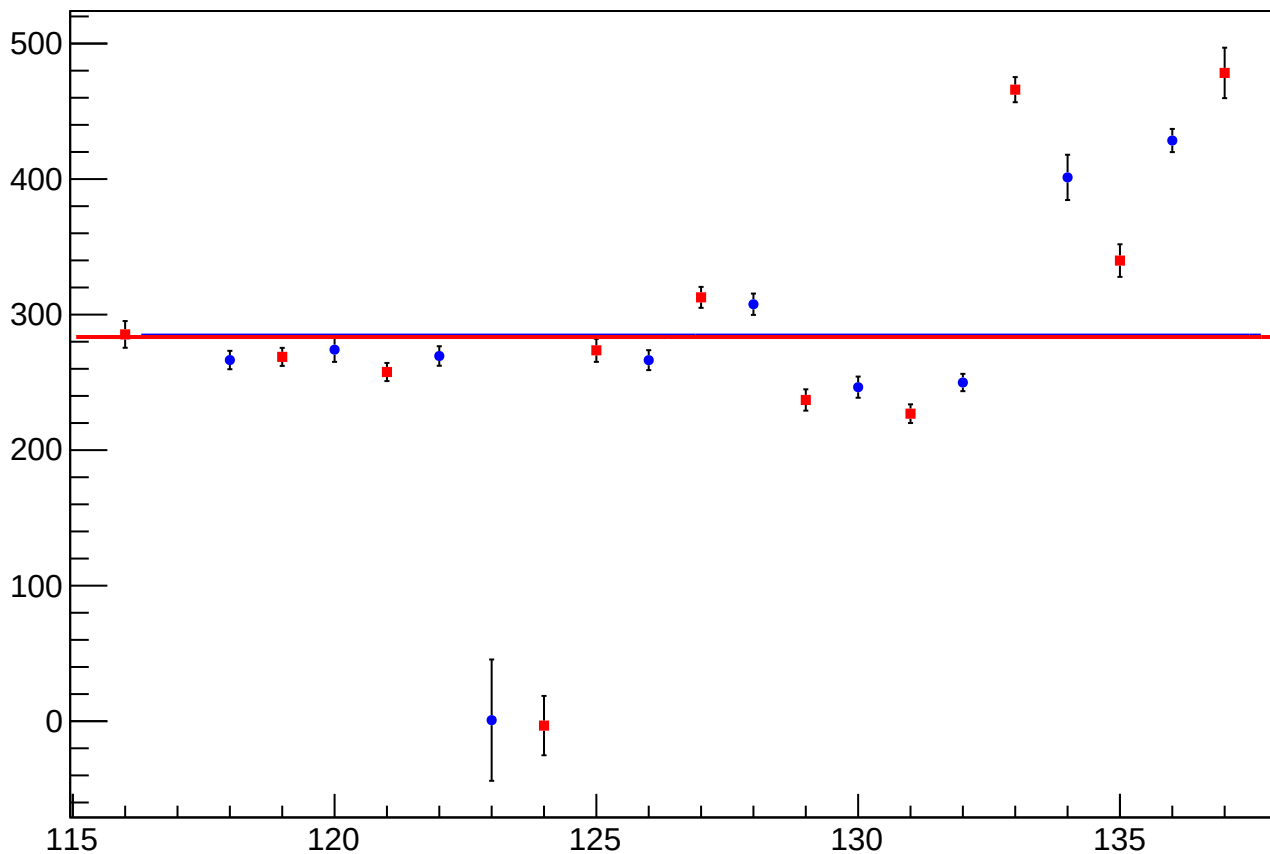
Right: 3.018 $\pm$ 0.899 χ^2 /NDF: 282.7/20

In: 1.610 $\pm$ 1.258 χ^2 /NDF:138.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.018 $\pm$ 0.899 χ^2 /NDF: 282.7/20

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 284.516+/-2.611 χ^2/NDF : 453.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.468+/-2.613 χ^2/NDF : 827.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

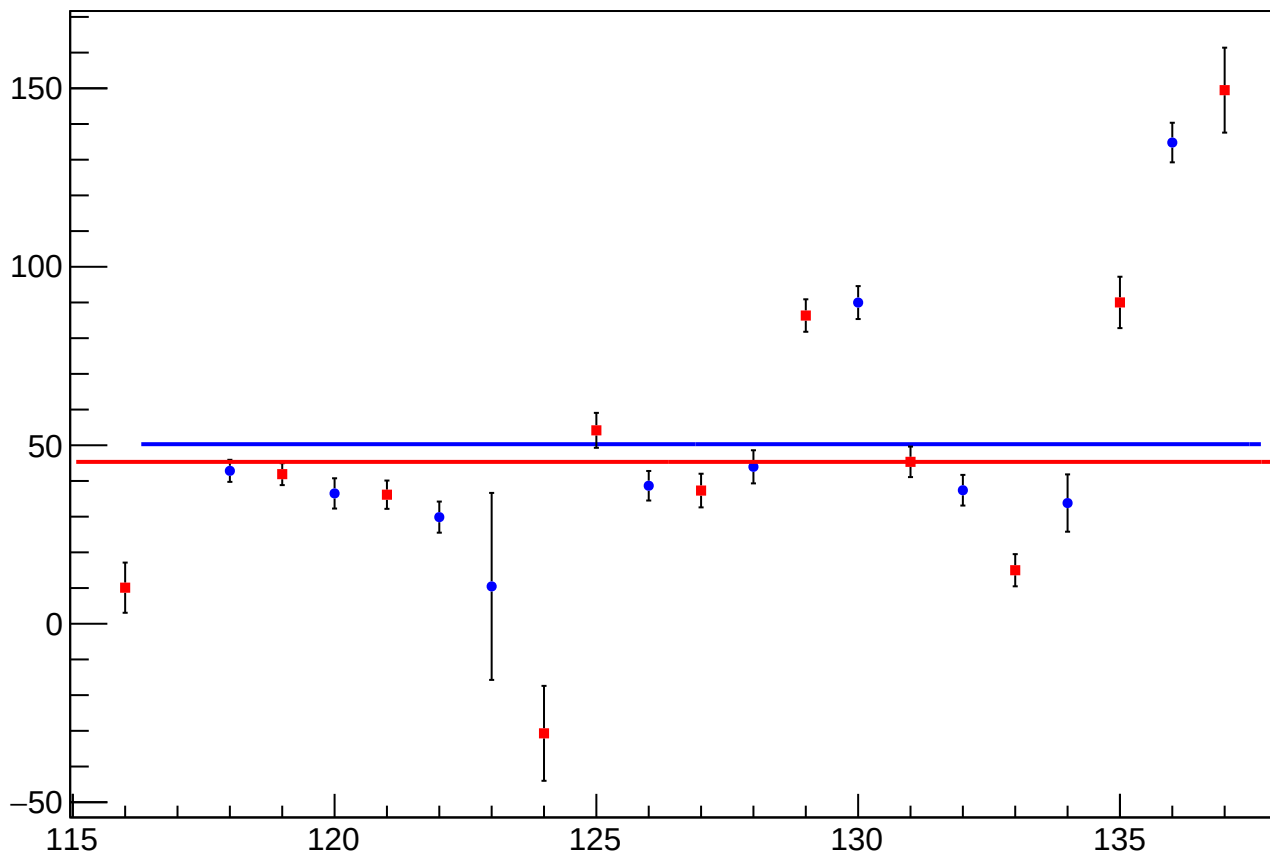
Right: 283.992+/-1.847 χ^2/NDF : 1280.9/20

In: 284.516+/-2.611 χ^2/NDF : 453.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.992+/-1.847 χ^2/NDF : 1280.9/20

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 50.302 $\pm$ 1.461 χ^2 /NDF: 369.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.344 $\pm$ 1.473 χ^2 /NDF: 312.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

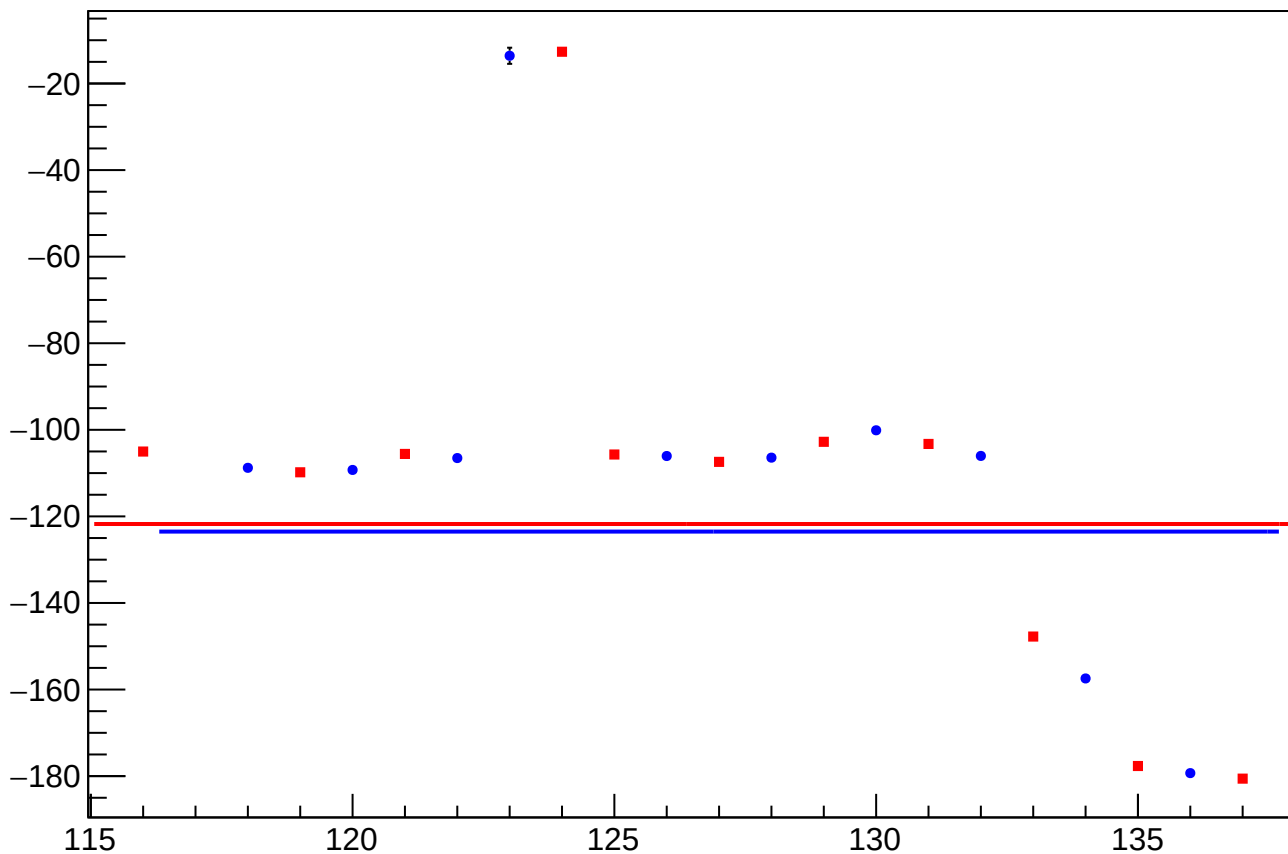
Right: 47.843 $\pm$ 1.037 χ^2 /NDF: 687.9/20

In: 50.302 $\pm$ 1.461 χ^2 /NDF:369.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.843 $\pm$ 1.037 χ^2 /NDF: 687.9/20

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -123.512+/-0.104 χ^2/NDF : 88390.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -121.760+/-0.107 χ^2/NDF : 85709.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

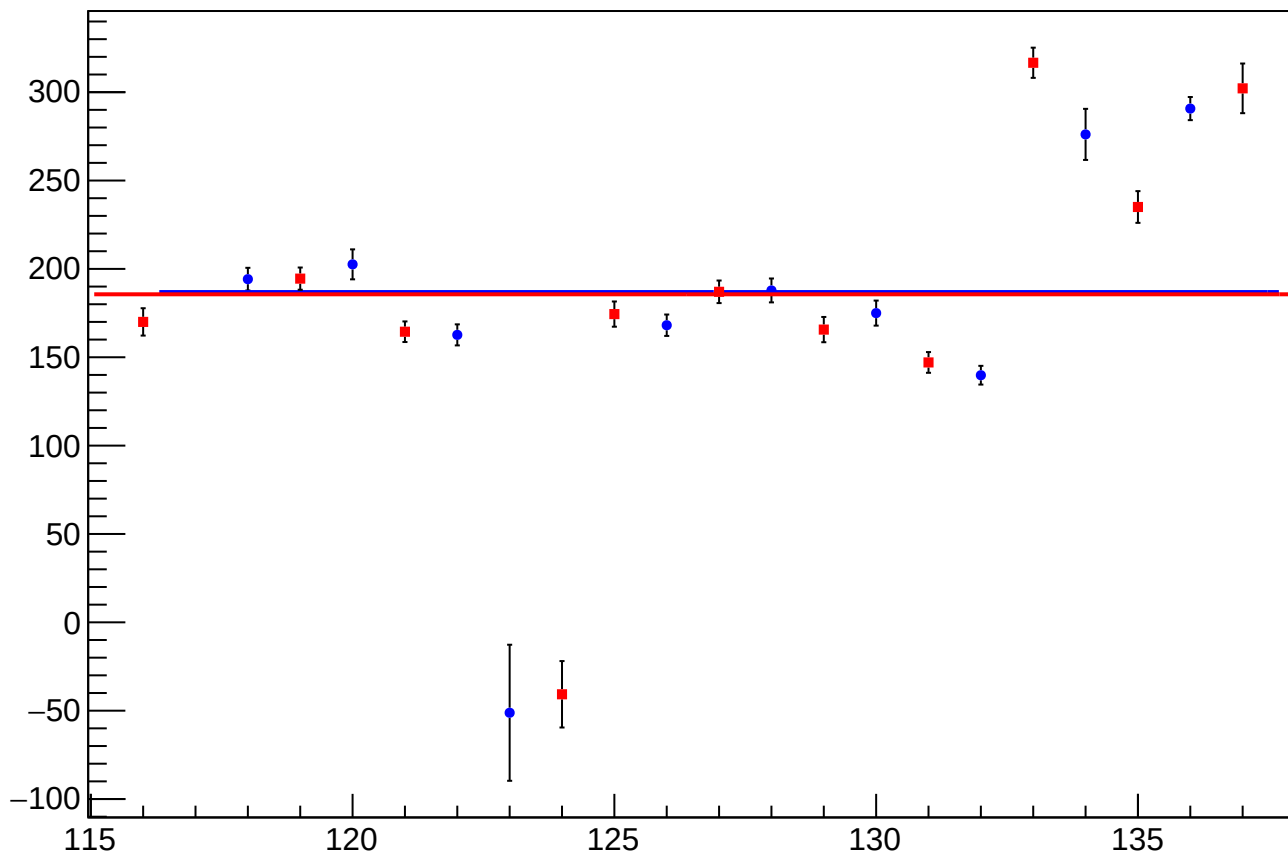
Right: -122.658+/-0.075 χ^2/NDF : 174237.6/20

In: -123.512+/-0.104 χ^2/NDF : 88390.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.658+/-0.075 χ^2/NDF : 174237.6/20

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 186.893 $\pm$ 2.237 χ^2 /NDF: 440.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 185.626 $\pm$ 2.246 χ^2 /NDF: 551.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

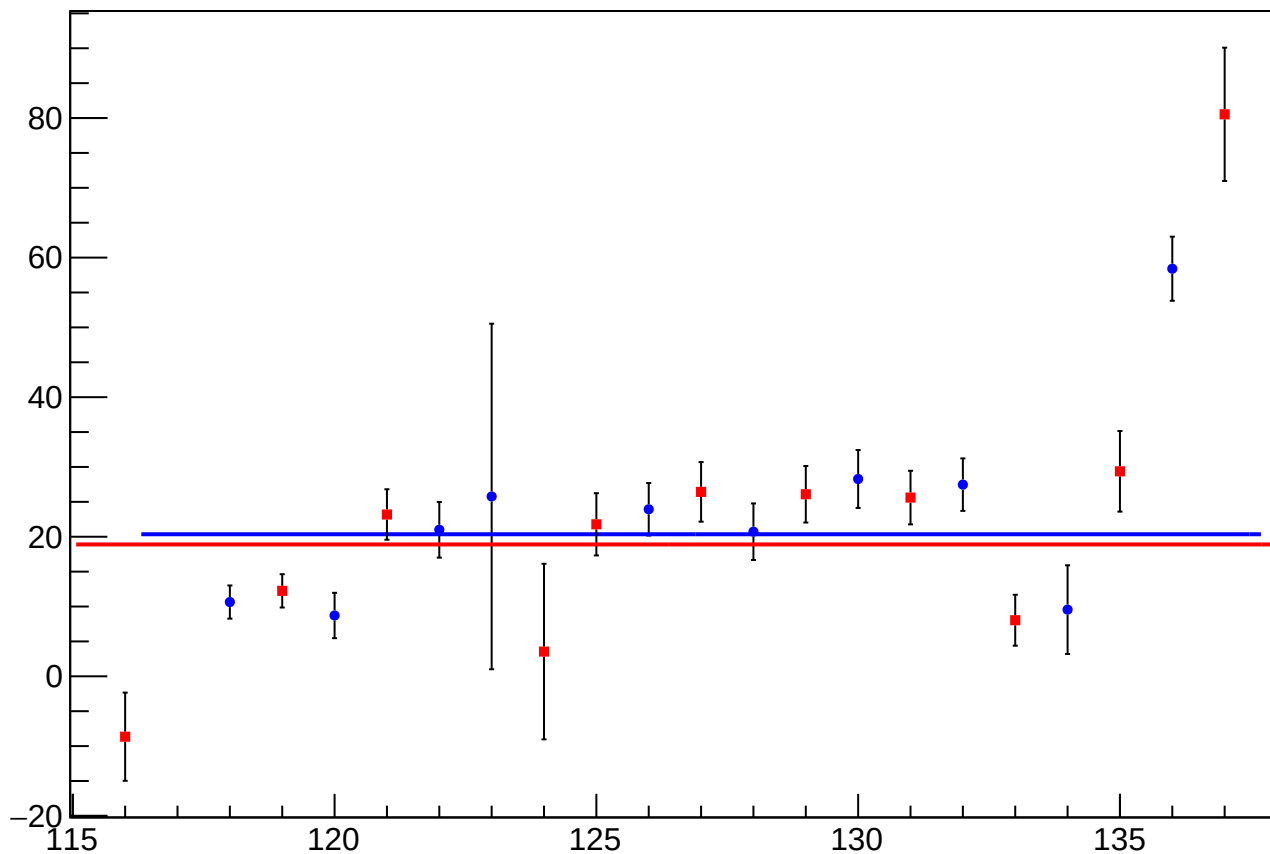
Right: 186.262 $\pm$ 1.585 χ^2 /NDF: 992.7/20

In: 186.893 $\pm$ 2.237 χ^2 /NDF:440.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 186.262 $\pm$ 1.585 χ^2 /NDF: 992.7/20

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.357+/-1.223 χ^2/NDF : 109.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.894+/-1.257 χ^2/NDF : 93.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

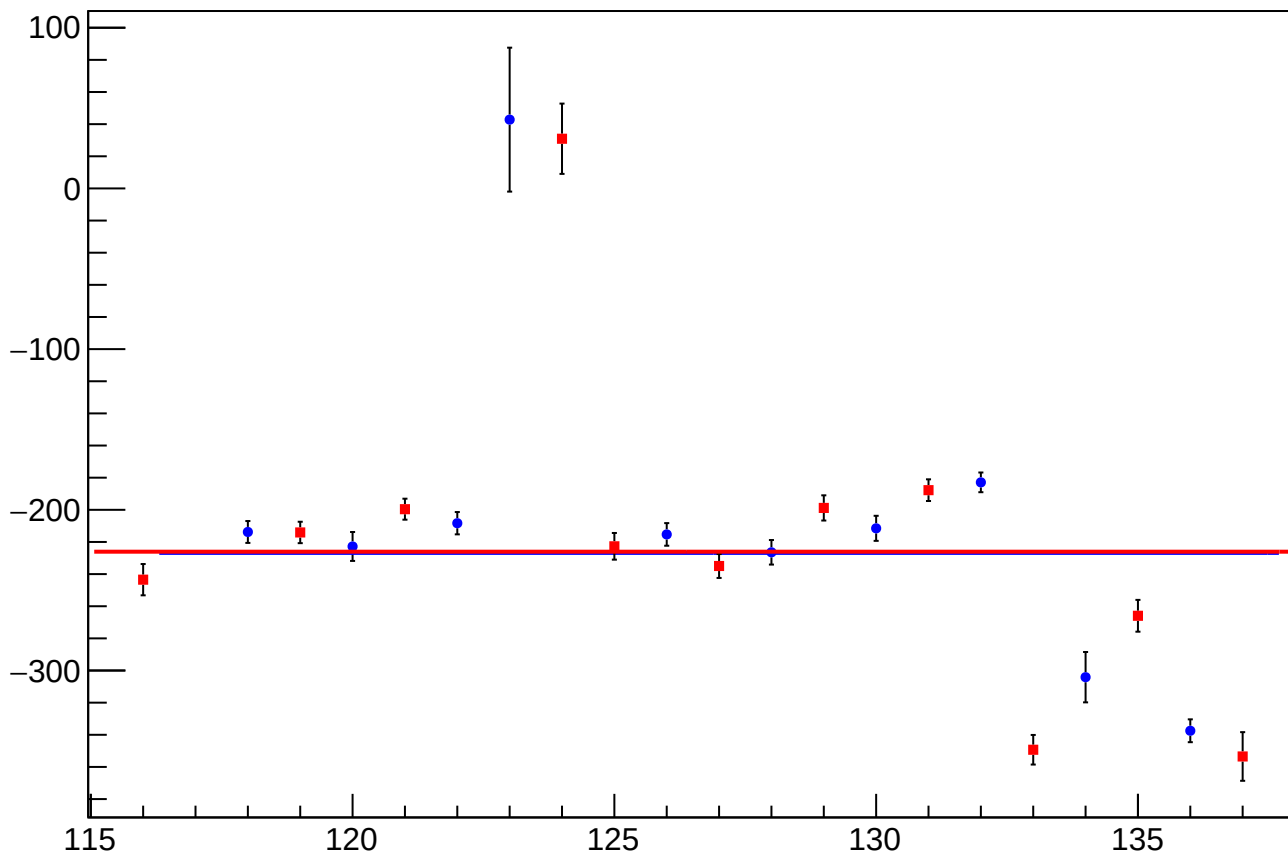
Right: 19.645+/-0.876 χ^2/NDF : 203.2/20

In: 20.357+/-1.223 χ^2/NDF : 109.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.645+/-0.876 χ^2/NDF : 203.2/20

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -226.804+/-2.504 χ^2/NDF : 371.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.055+/-2.533 χ^2/NDF : 472.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

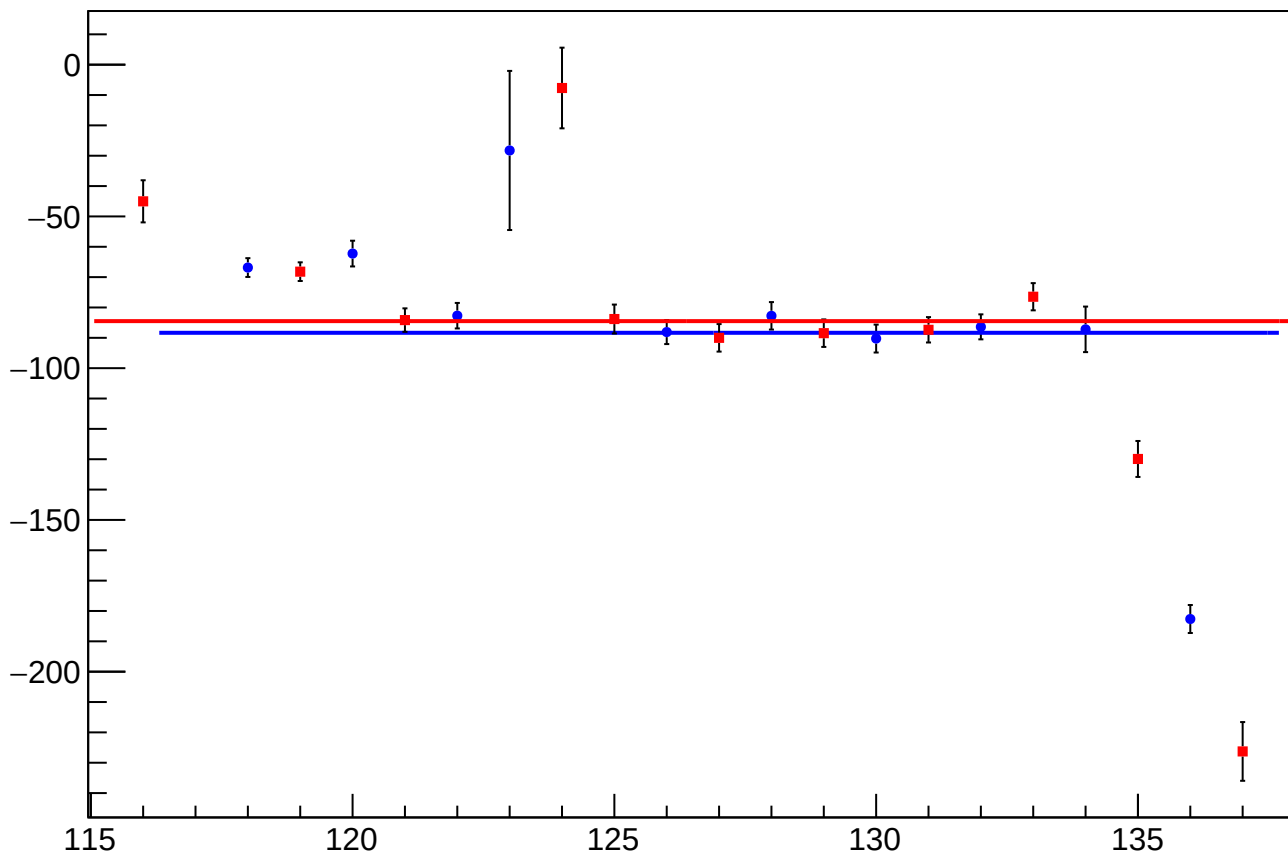
Right: -226.434+/-1.781 χ^2/NDF : 844.8/20

In: -226.804+/-2.504 χ^2/NDF : 371.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.434+/-1.781 χ^2/NDF : 844.8/20

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.342+/-1.412 χ^2/NDF : 513.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.499+/-1.434 χ^2/NDF : 373.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

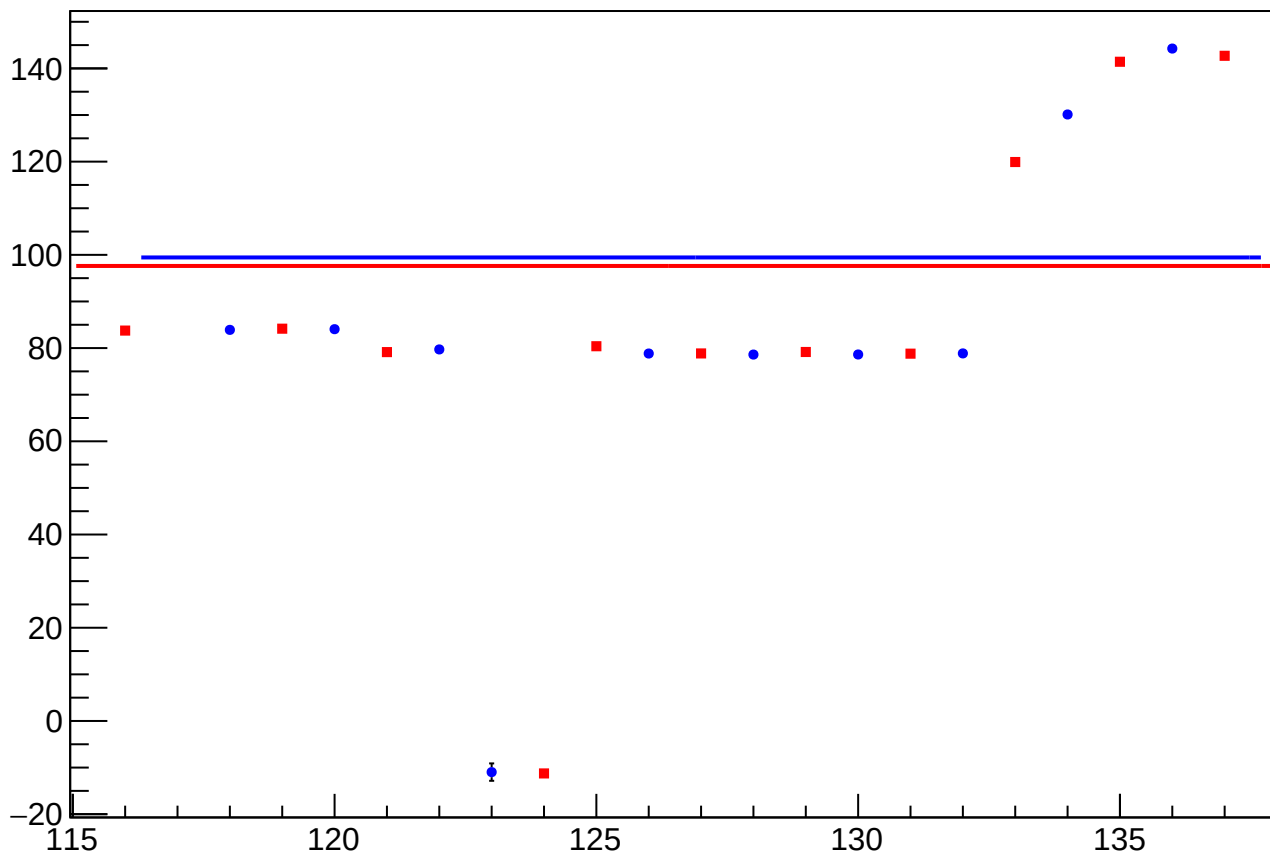
Right: -86.450+/-1.006 χ^2/NDF : 889.9/20

In: -88.342+/-1.412 χ^2/NDF : 513.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.450+/-1.006 χ^2/NDF : 889.9/20

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.443+/-0.098 χ^2/NDF : 90146.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.619+/-0.101 χ^2/NDF : 82411.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

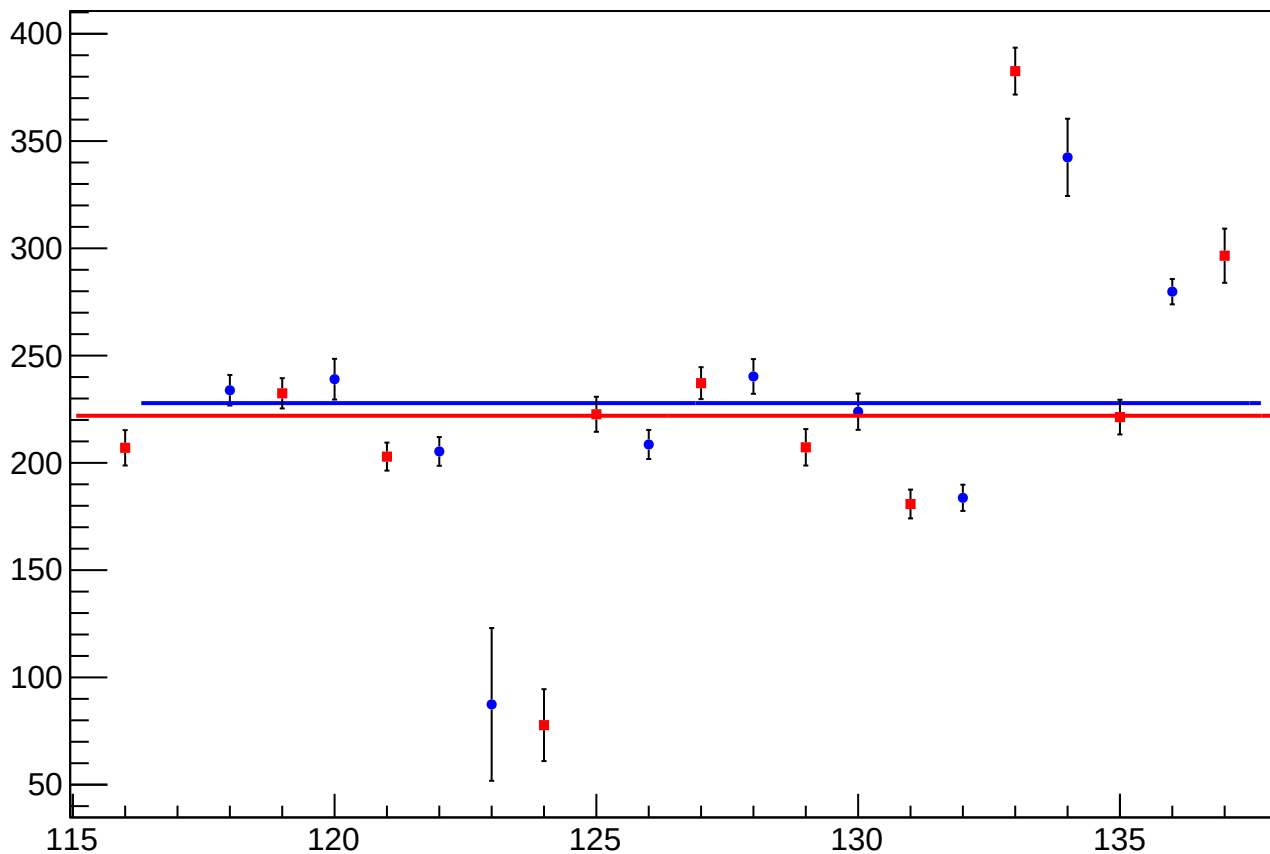
Right: 98.564+/-0.070 χ^2/NDF : 172725.6/20

In: 99.443+/-0.098 χ^2/NDF : 90146.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.564+/-0.070 χ^2/NDF : 172725.6/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 227.851+/-2.473 χ^2/NDF : 209.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.968+/-2.494 χ^2/NDF : 383.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

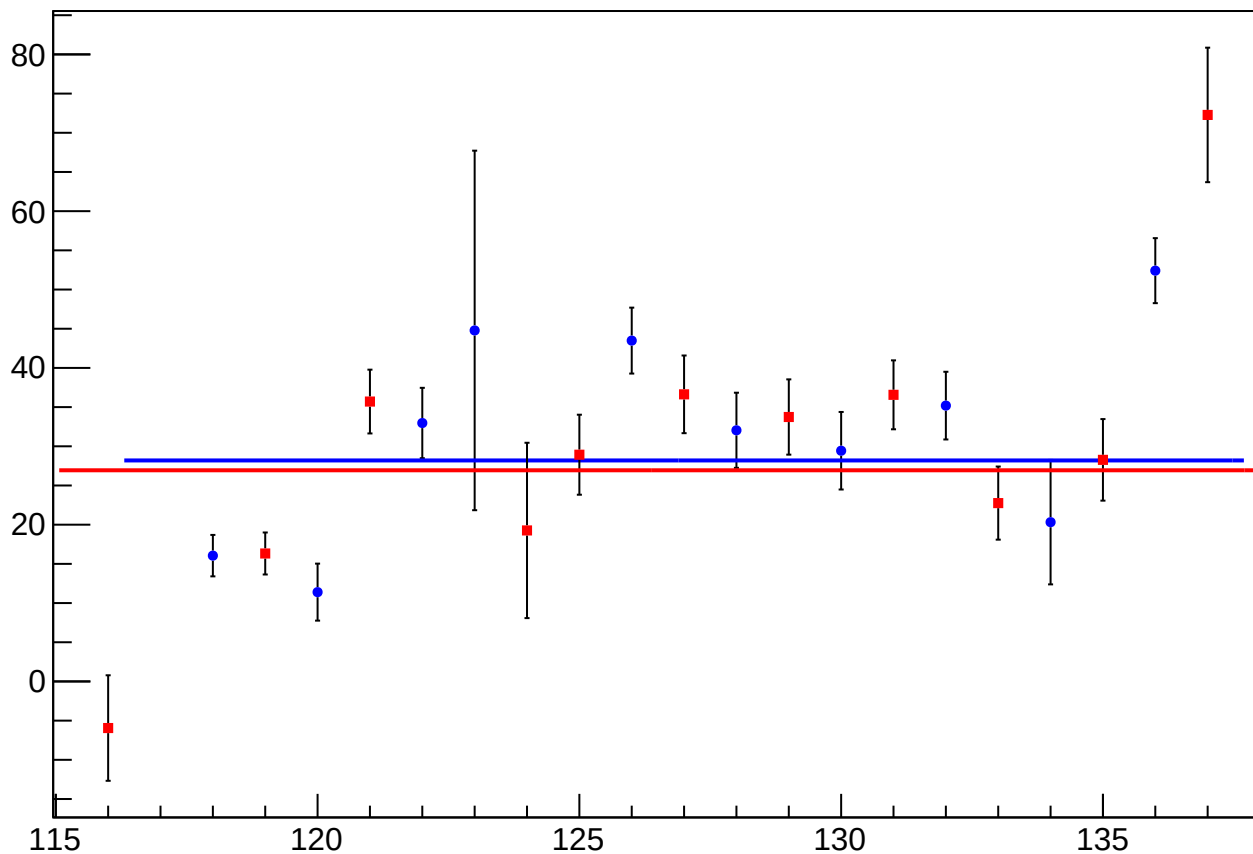
Right: 224.934+/-1.756 χ^2/NDF : 595.9/20

In: 227.851+/-2.473 χ^2/NDF : 209.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.934+/-1.756 χ^2/NDF : 595.9/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.196+/-1.362 χ^2/NDF : 95.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.940+/-1.414 χ^2/NDF : 84.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

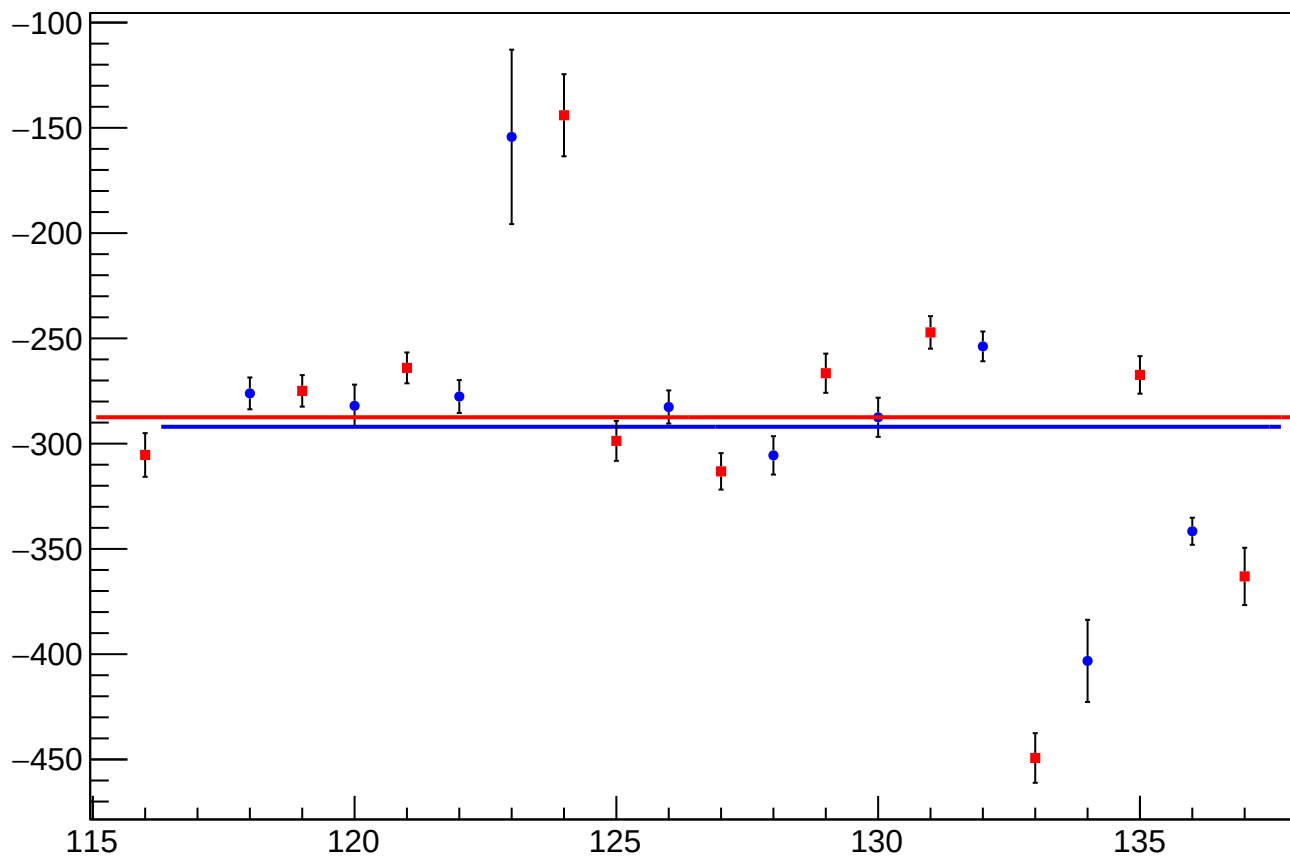
Right: 27.591+/-0.981 χ^2/NDF : 180.4/20

In: 28.196+/-1.362 χ^2/NDF : 95.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.591+/-0.981 χ^2/NDF : 180.4/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -291.985+/-2.763 χ^2/NDF : 145.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.462+/-2.814 χ^2/NDF : 337.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

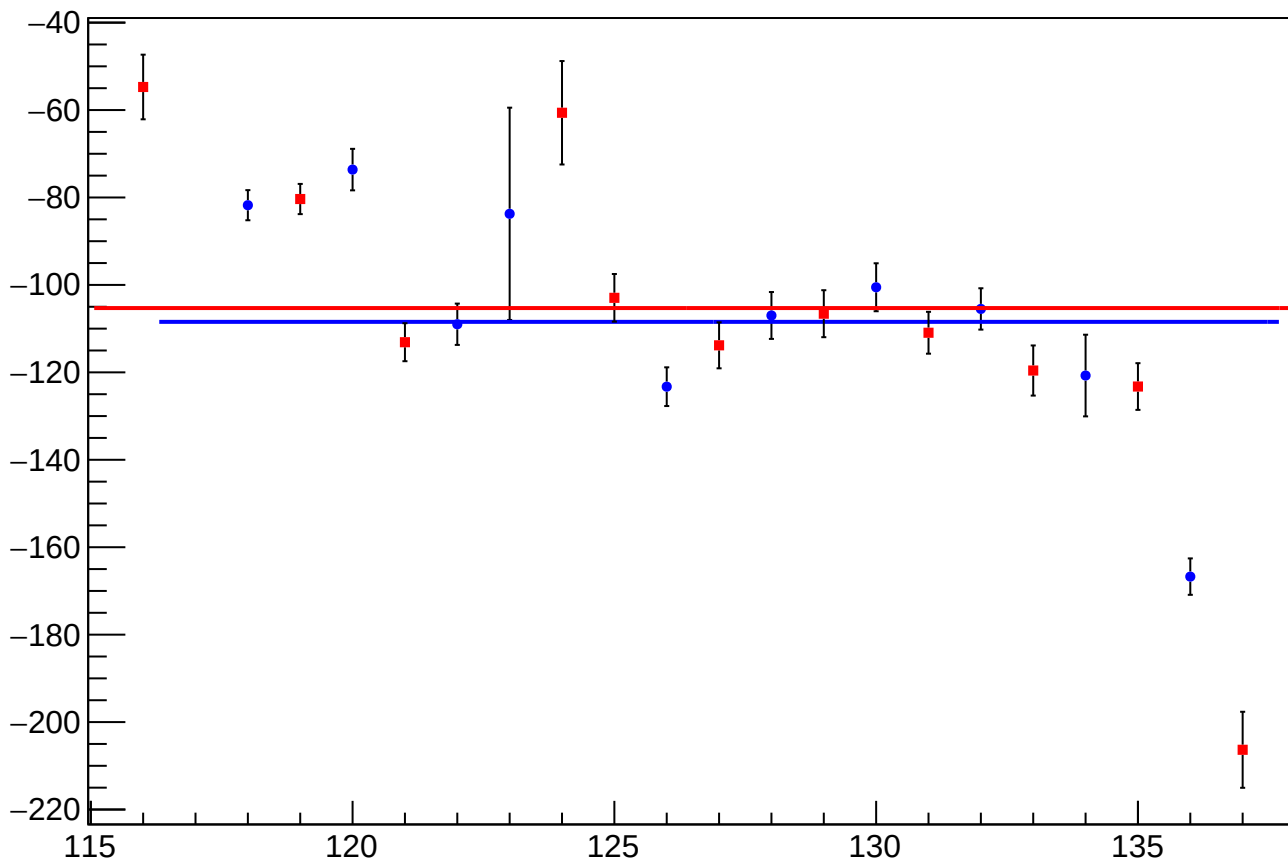
Right: -289.764+/-1.971 χ^2/NDF : 483.5/20

In: -291.985+/-2.763 χ^2/NDF : 145.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.764+/-1.971 χ^2/NDF : 483.5/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -108.449 $\pm$ 1.566 χ^2 /NDF: 326.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.294 $\pm$ 1.603 χ^2 /NDF: 273.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

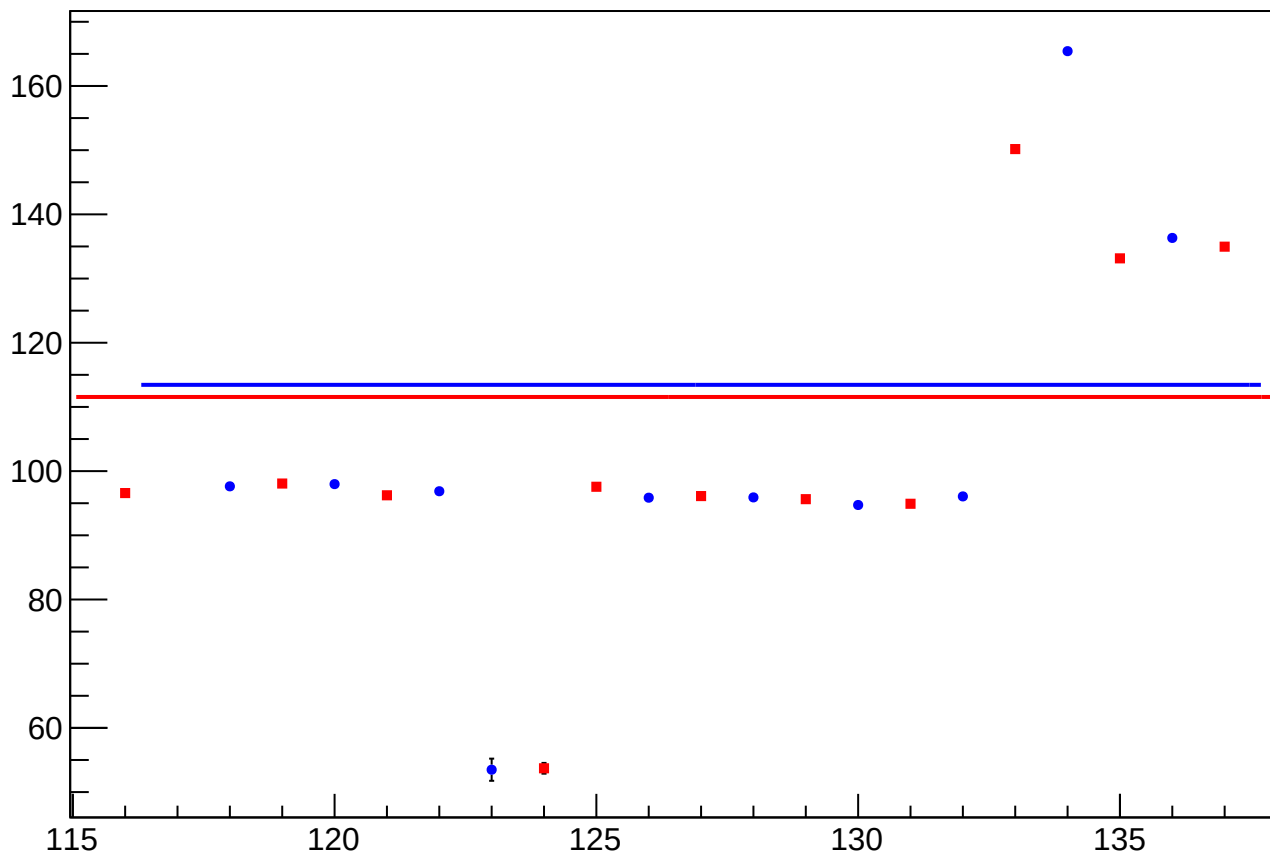
Right: -106.909 $\pm$ 1.120 χ^2 /NDF: 601.3/20

In: -108.449 $\pm$ 1.566 χ^2 /NDF:326.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -106.909 $\pm$ 1.120 χ^2 /NDF: 601.3/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 113.442 $\pm$ 0.104 χ^2 /NDF: 43930.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.552 $\pm$ 0.108 χ^2 /NDF: 37634.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

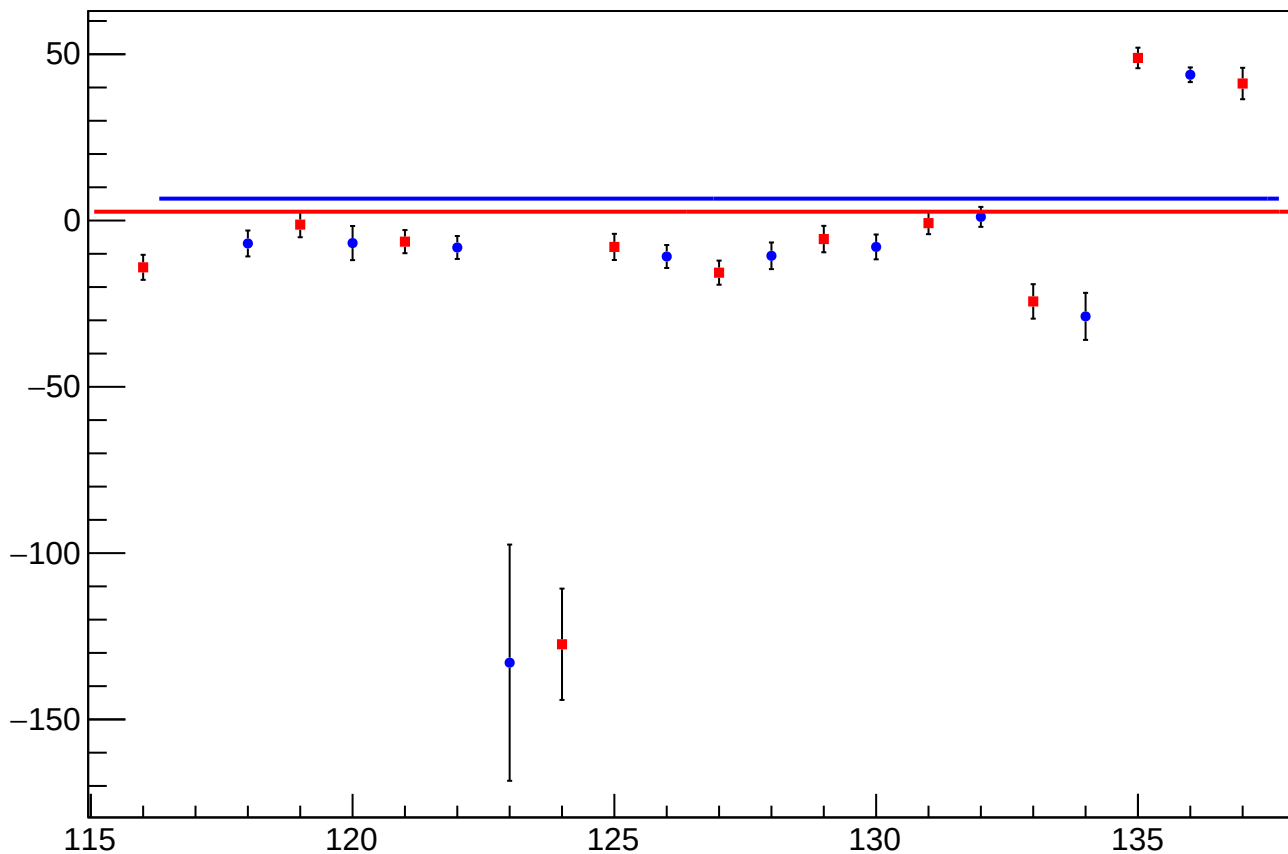
Right: 112.535 $\pm$ 0.075 χ^2 /NDF: 81724.0/20

In: 113.442 $\pm$ 0.104 χ^2 /NDF:43930.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.535 $\pm$ 0.075 χ^2 /NDF: 81724.0/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 6.587 $\pm$ 1.160 χ^2 /NDF: 423.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.662 $\pm$ 1.189 χ^2 /NDF: 443.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

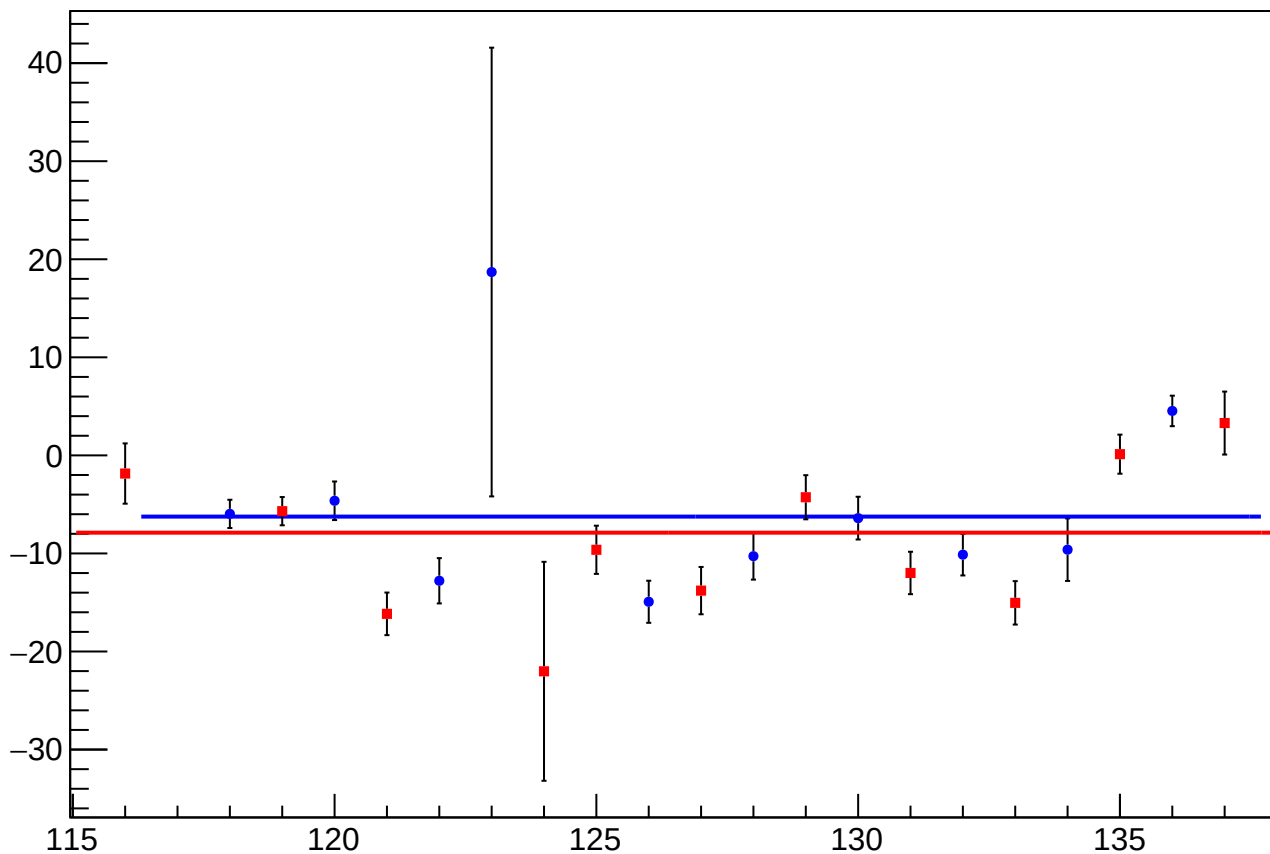
Right: 4.672 $\pm$ 0.830 χ^2 /NDF: 873.2/20

In: 6.587 $\pm$ 1.160 χ^2 /NDF:423.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.672 $\pm$ 0.830 χ^2 /NDF: 873.2/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.244+/-0.664 χ^2/NDF : 81.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.882+/-0.689 χ^2/NDF : 73.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

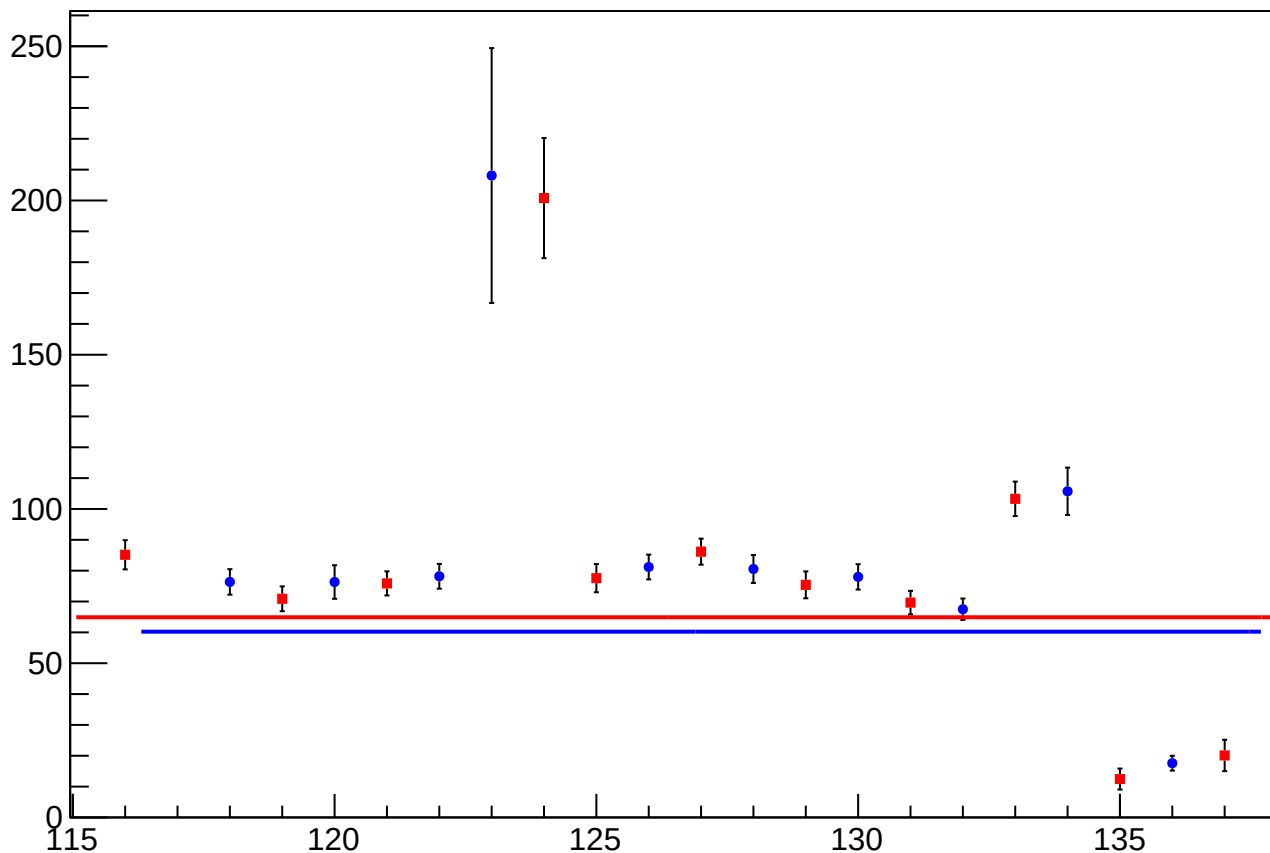
Right: -7.034+/-0.478 χ^2/NDF : 158.3/20

In: -6.244+/-0.664 χ^2/NDF : 81.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.034+/-0.478 χ^2/NDF : 158.3/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 60.229+/-1.293 χ^2/NDF : 478.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.895+/-1.340 χ^2/NDF : 479.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

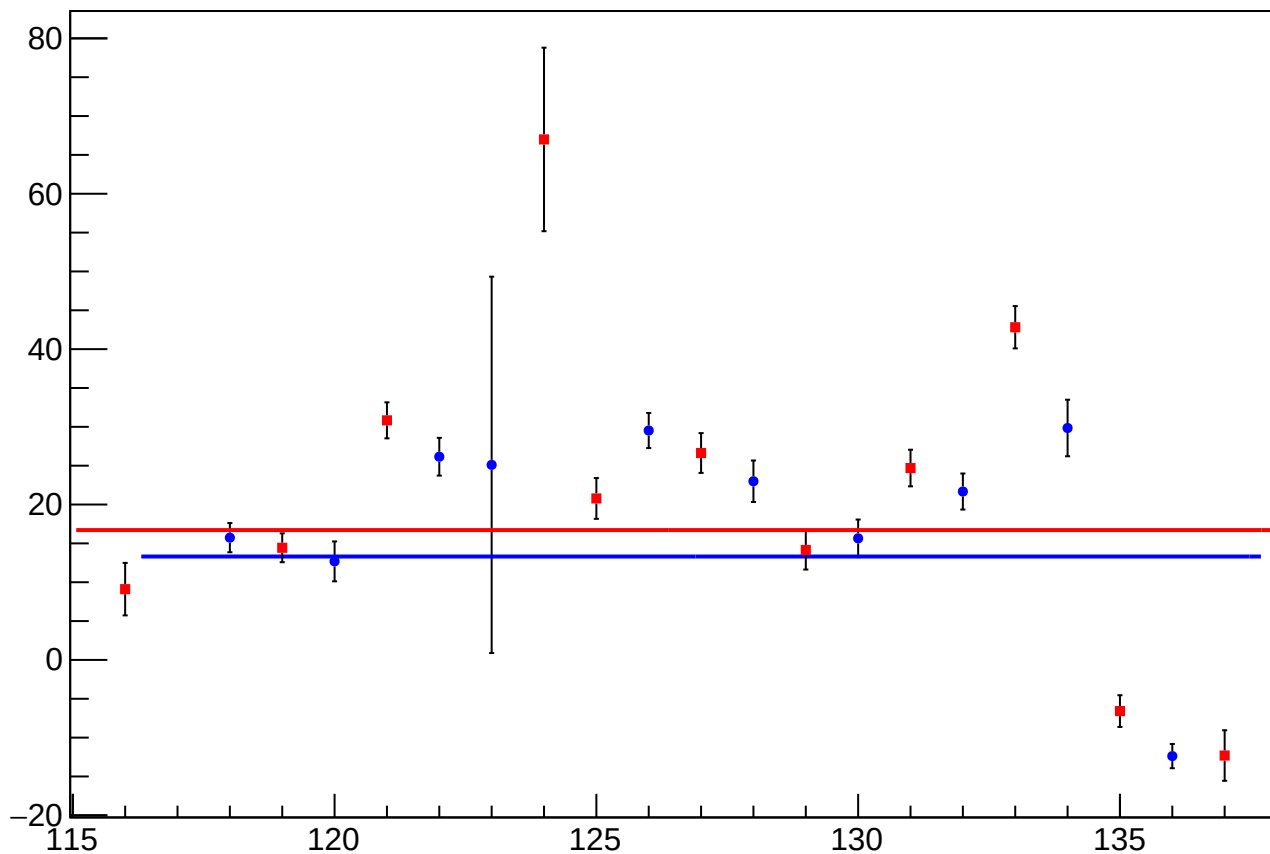
Right: 62.478+/-0.930 χ^2/NDF : 963.8/20

In: 60.229+/-1.293 χ^2/NDF : 478.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.478+/-0.930 χ^2/NDF : 963.8/20

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.309+/-0.749 χ^2/NDF : 399.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.712+/-0.773 χ^2/NDF : 393.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

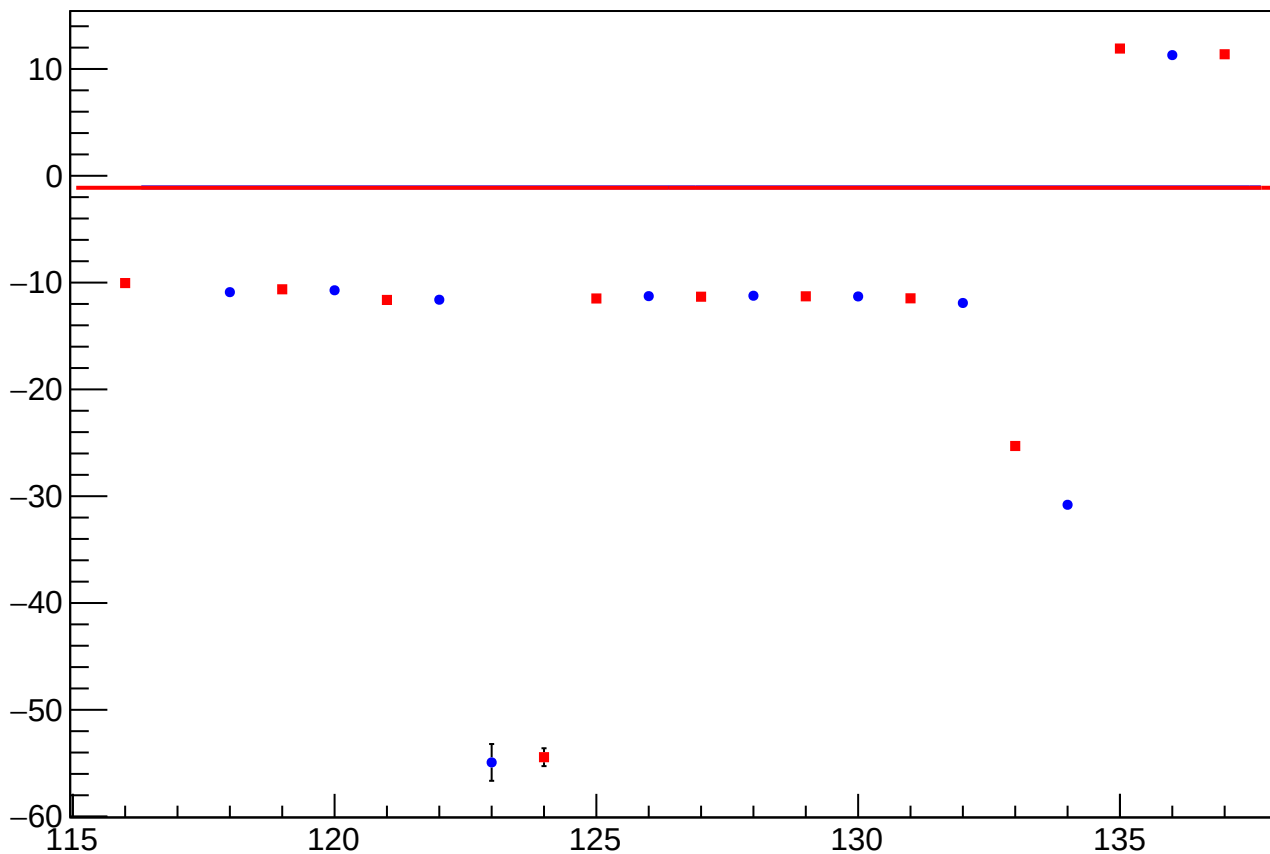
Right: 14.956+/-0.538 χ^2/NDF : 803.1/20

In: 13.309+/-0.749 χ^2/NDF : 399.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.956+/-0.538 χ^2/NDF : 803.1/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.088+/-0.046 χ^2/NDF : 83537.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.122+/-0.048 χ^2/NDF : 70731.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

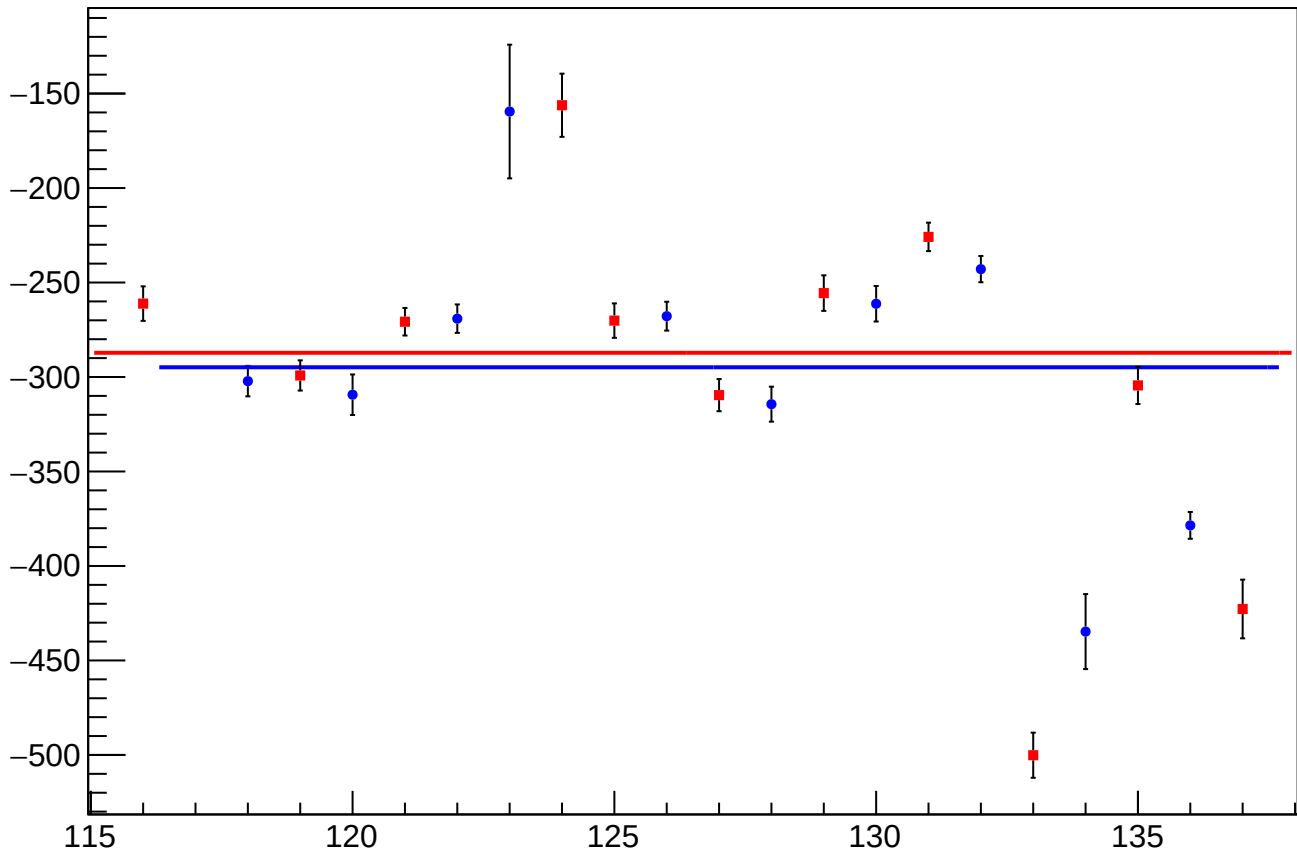
Right: -1.104+/-0.033 χ^2/NDF : 154269.0/20

In: -1.088+/-0.046 χ^2/NDF :83537.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.104+/-0.033 χ^2/NDF : 154269.0/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -294.848+/-2.819 χ^2 /NDF: 303.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -287.180+/-2.815 χ^2 /NDF: 562.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

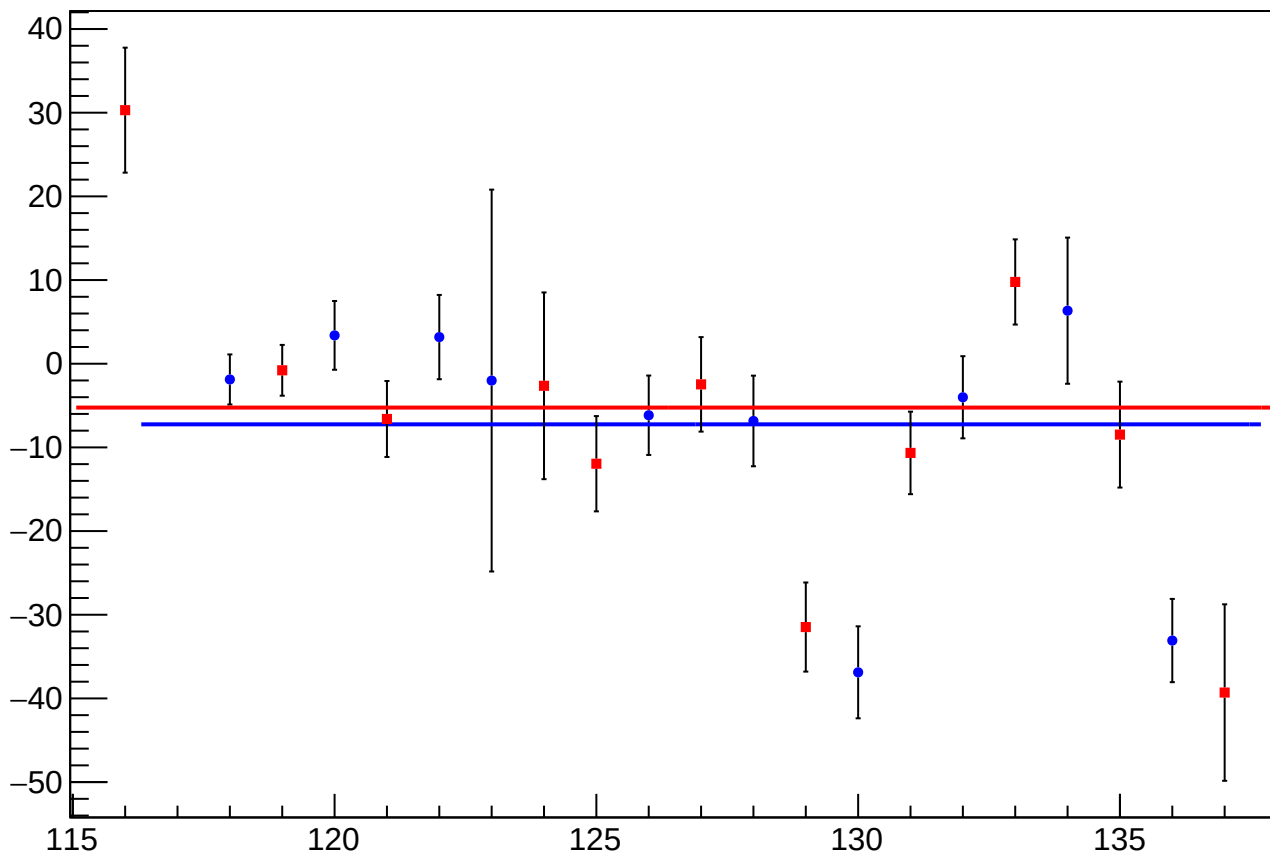
Right: -291.009+/-1.992 χ^2 /NDF: 869.2/20

In: -294.848+/-2.819 χ^2 /NDF:303.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -291.009+/-1.992 χ^2 /NDF: 869.2/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.244 ± 1.545 χ^2/NDF : 73.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.241 ± 1.593 χ^2/NDF : 71.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

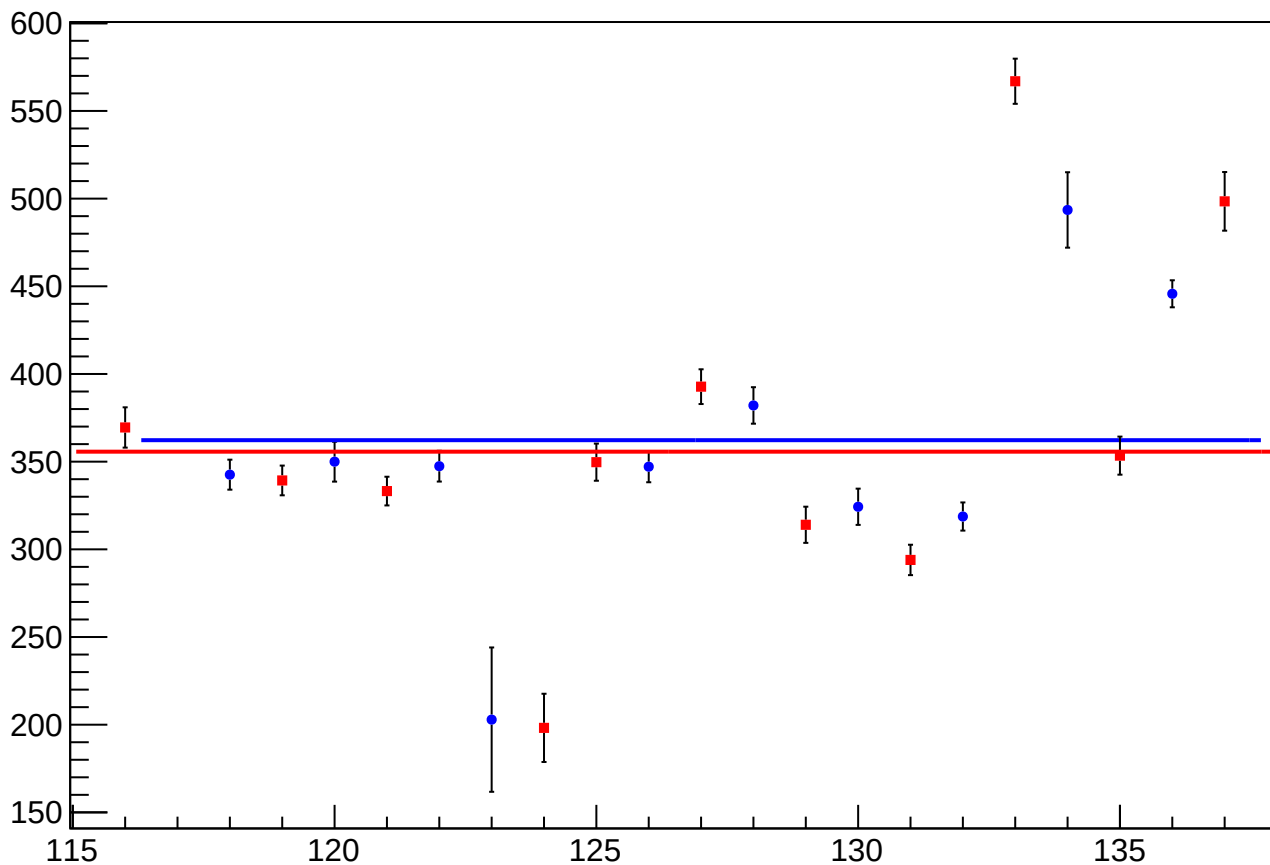
Right: -6.273 ± 1.109 χ^2/NDF : 145.4/20

In: -7.244 ± 1.545 χ^2/NDF : 73.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.273 ± 1.109 χ^2/NDF : 145.4/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 362.245 $\pm$ 3.150 χ^2/NDF : 228.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 355.697 $\pm$ 3.178 χ^2/NDF : 501.8/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

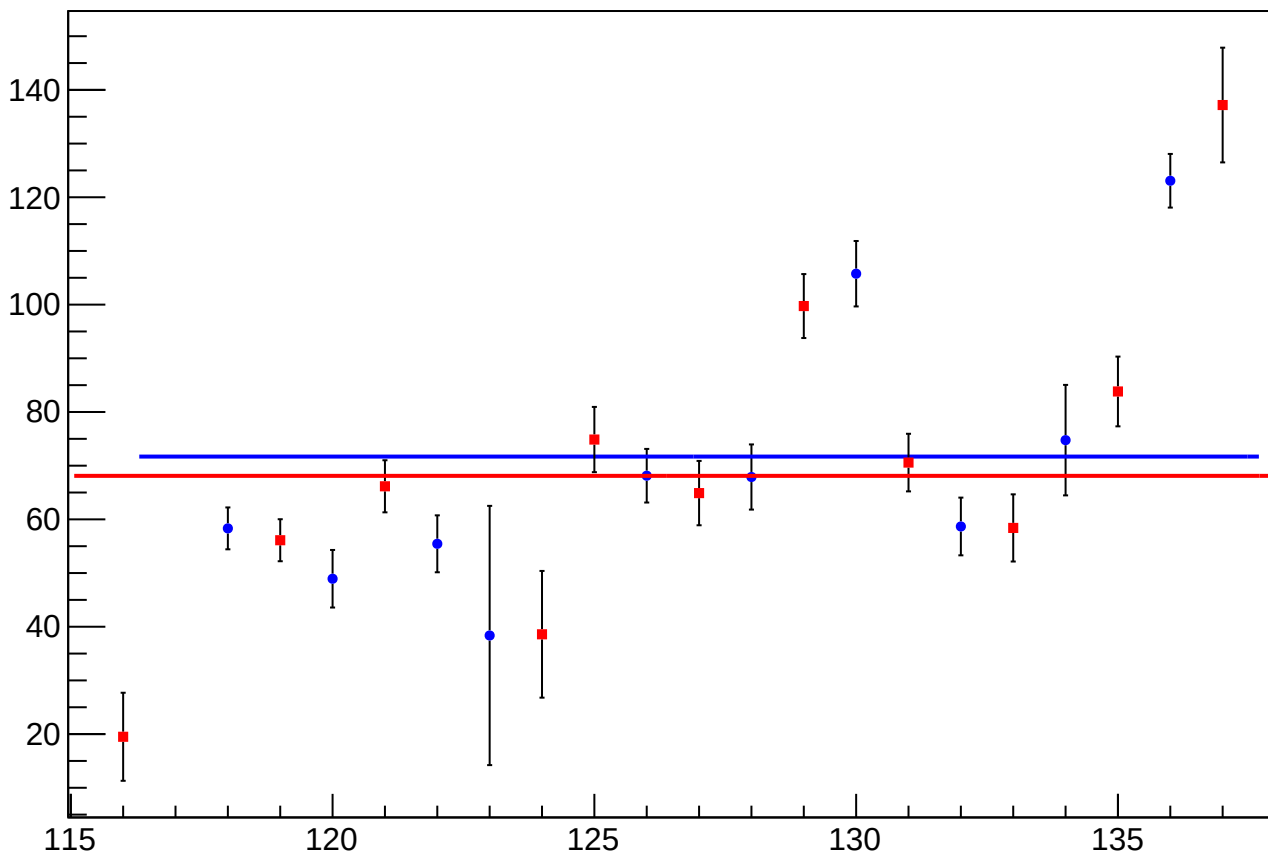
Right: 359.000 $\pm$ 2.237 χ^2/NDF : 732.2/20

In: 362.245 $\pm$ 3.150 χ^2/NDF : 228.3/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 359.000 $\pm$ 2.237 χ^2/NDF : 732.2/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.696+/-1.779 χ^2/NDF : 184.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.105+/-1.809 χ^2/NDF : 130.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

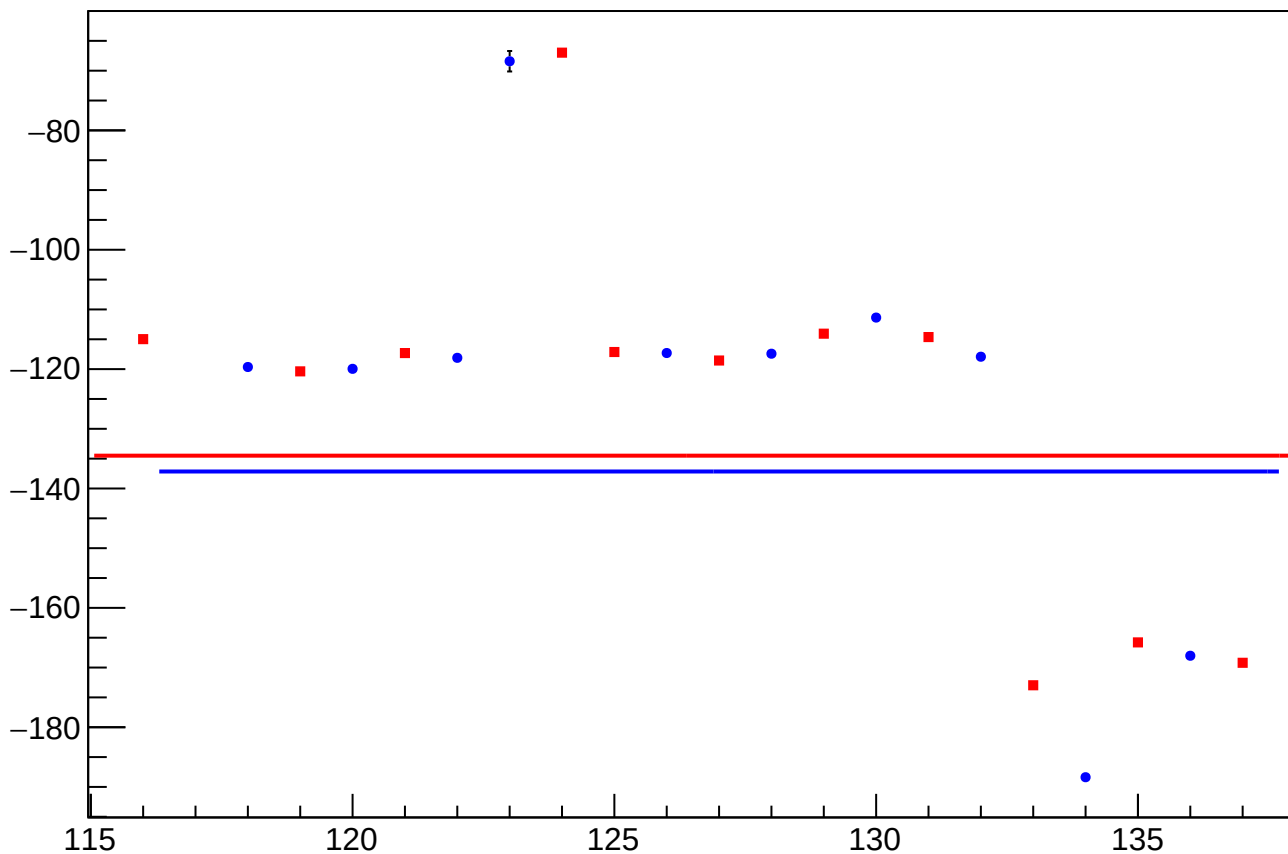
Right: 69.930+/-1.268 χ^2/NDF : 317.8/20

In: 71.696+/-1.779 χ^2/NDF : 184.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.930+/-1.268 χ^2/NDF : 317.8/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -137.152+/-0.120 χ^2/NDF : 47974.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.500+/-0.124 χ^2/NDF : 45142.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

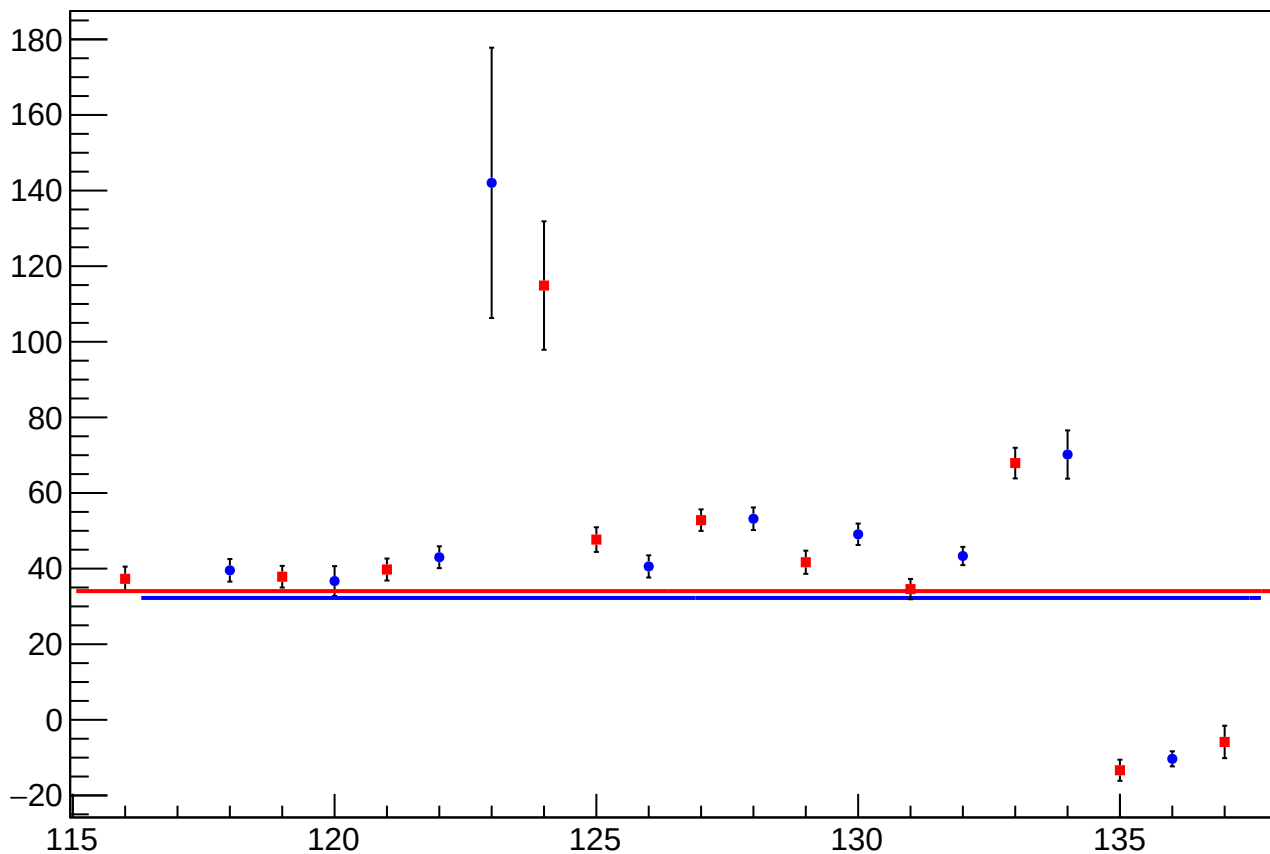
Right: -135.875+/-0.086 χ^2/NDF : 93351.6/20

In: -137.152+/-0.120 χ^2/NDF : 47974.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.875+/-0.086 χ^2/NDF : 93351.6/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 32.241+/-0.955 χ^2 /NDF: 635.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 34.053+/-0.978 χ^2 /NDF: 542.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

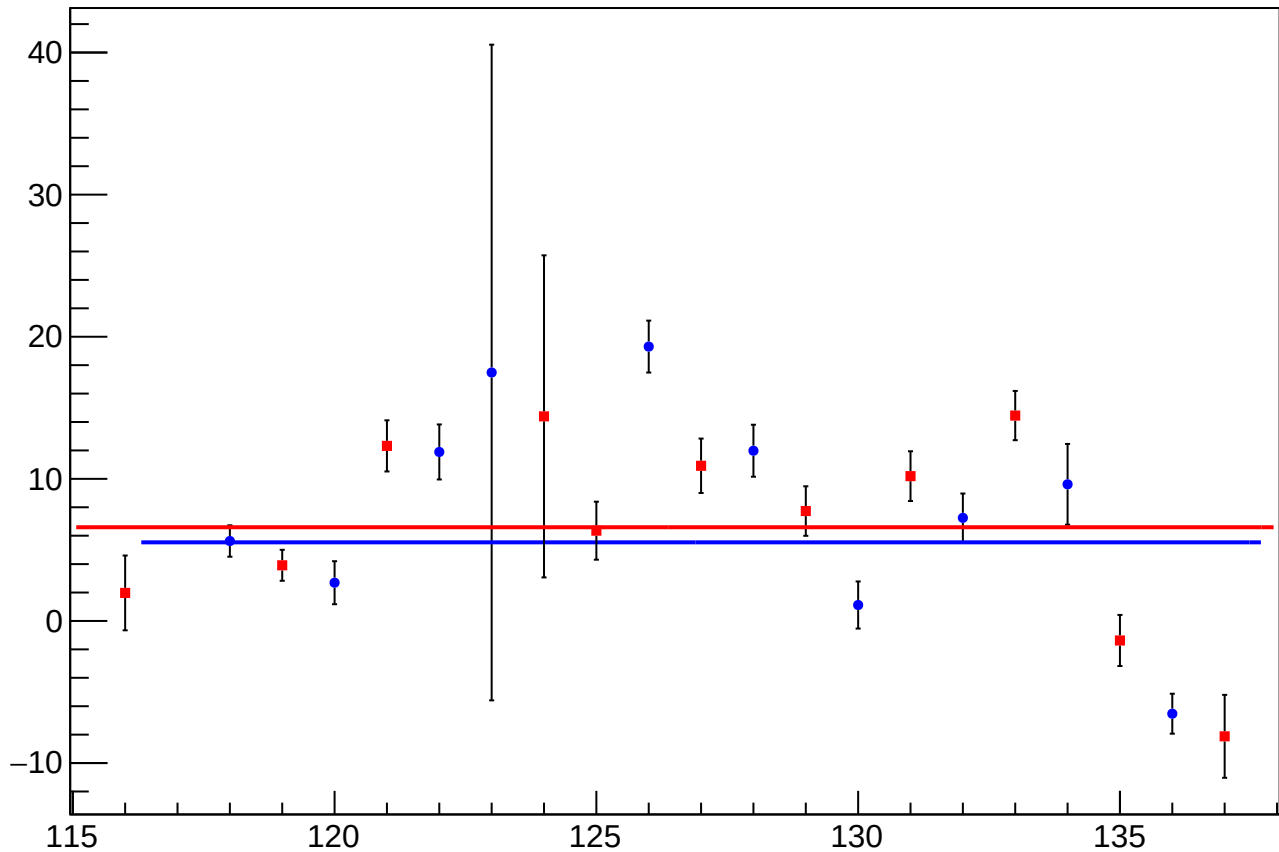
Right: 33.126+/-0.683 χ^2 /NDF: 1179.5/20

In: 32.241+/-0.955 χ^2 /NDF:635.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.126+/-0.683 χ^2 /NDF: 1179.5/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.532+/-0.538 χ^2/NDF : 167.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.594+/-0.556 χ^2/NDF : 95.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

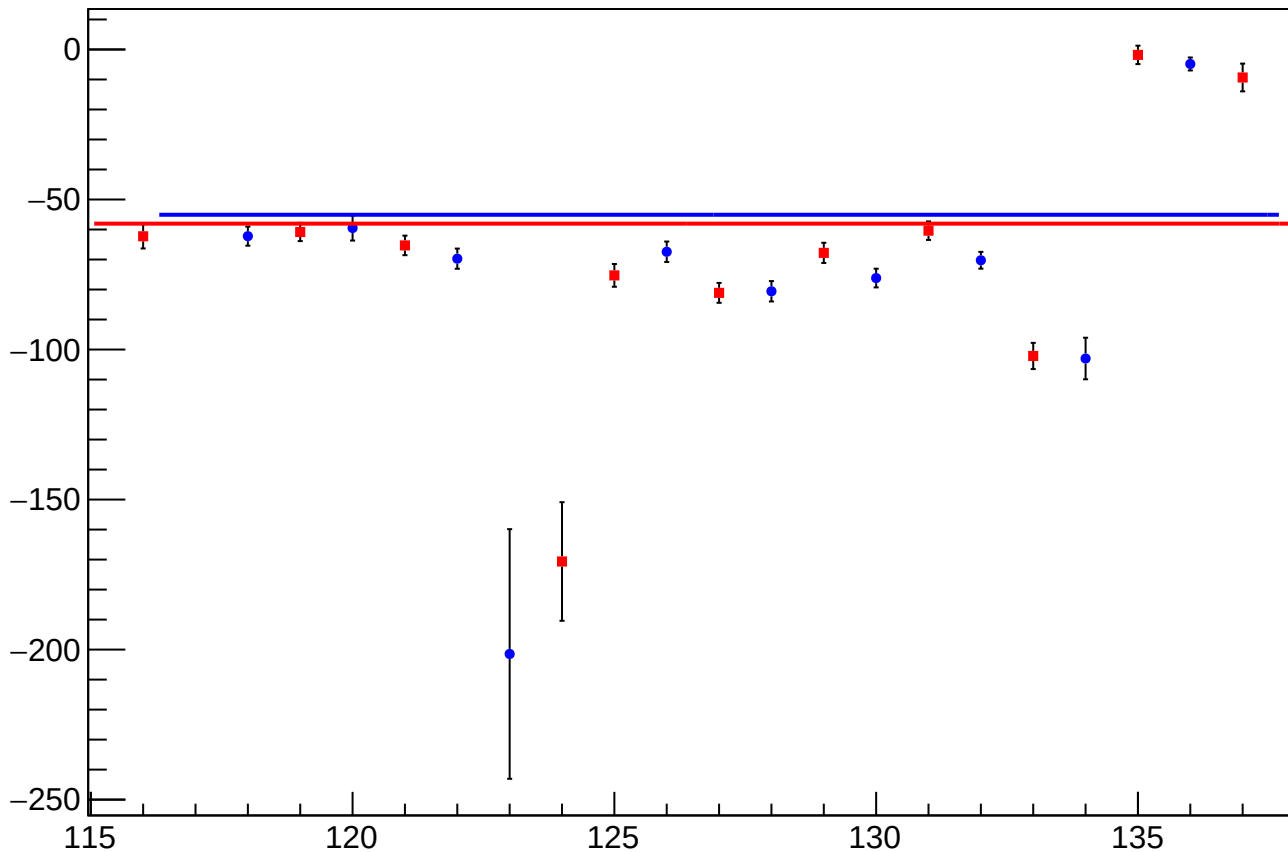
Right: 6.045+/-0.387 χ^2/NDF : 264.7/20

In: 5.532+/-0.538 χ^2/NDF : 167.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.045+/-0.387 χ^2/NDF : 264.7/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -55.084 $\pm$ 1.064 χ^2 /NDF: 768.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -58.042 $\pm$ 1.101 χ^2 /NDF: 666.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

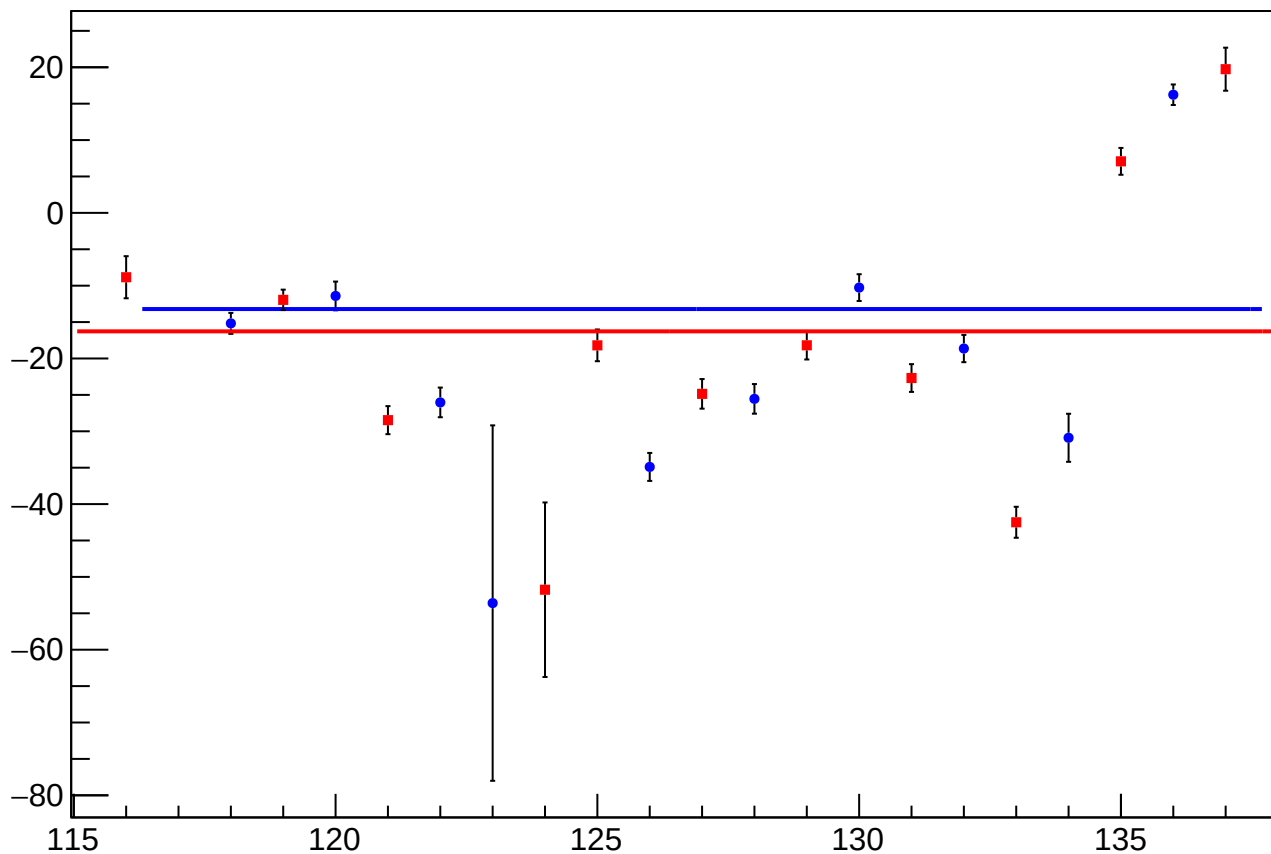
Right: -56.513 $\pm$ 0.765 χ^2 /NDF: 1438.7/20

In: -55.084 $\pm$ 1.064 χ^2 /NDF:768.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -56.513 $\pm$ 0.765 χ^2 /NDF: 1438.7/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.209 ± 0.612 $\chi^2/\text{NDF}: 684.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.273 ± 0.629 $\chi^2/\text{NDF}: 556.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

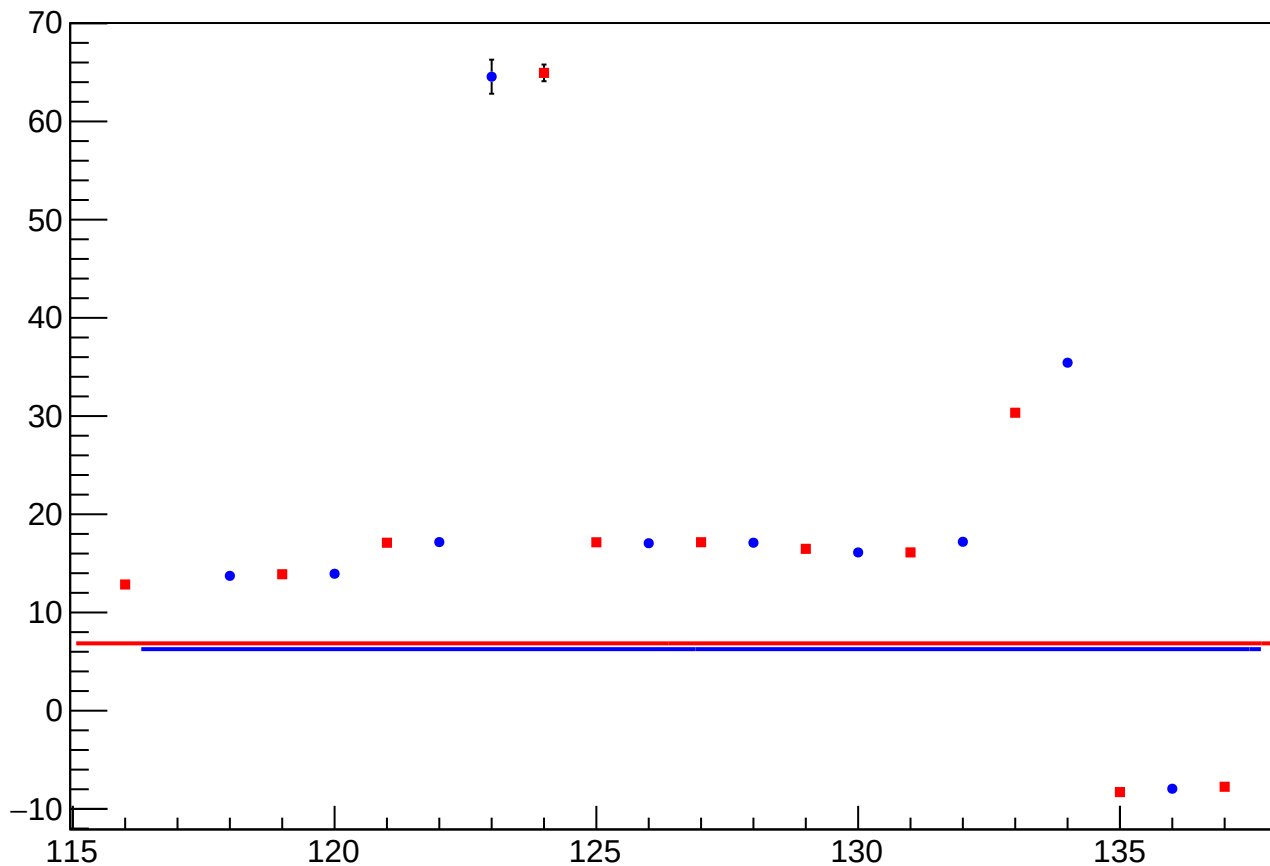
Right: -14.698 ± 0.439 $\chi^2/\text{NDF}: 1253.4/20$

In: -13.209 ± 0.612 $\chi^2/\text{NDF}: 684.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.698 ± 0.439 $\chi^2/\text{NDF}: 1253.4/20$

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 6.266+/-0.039 χ^2/NDF : 119587.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.856+/-0.041 χ^2/NDF : 106126.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

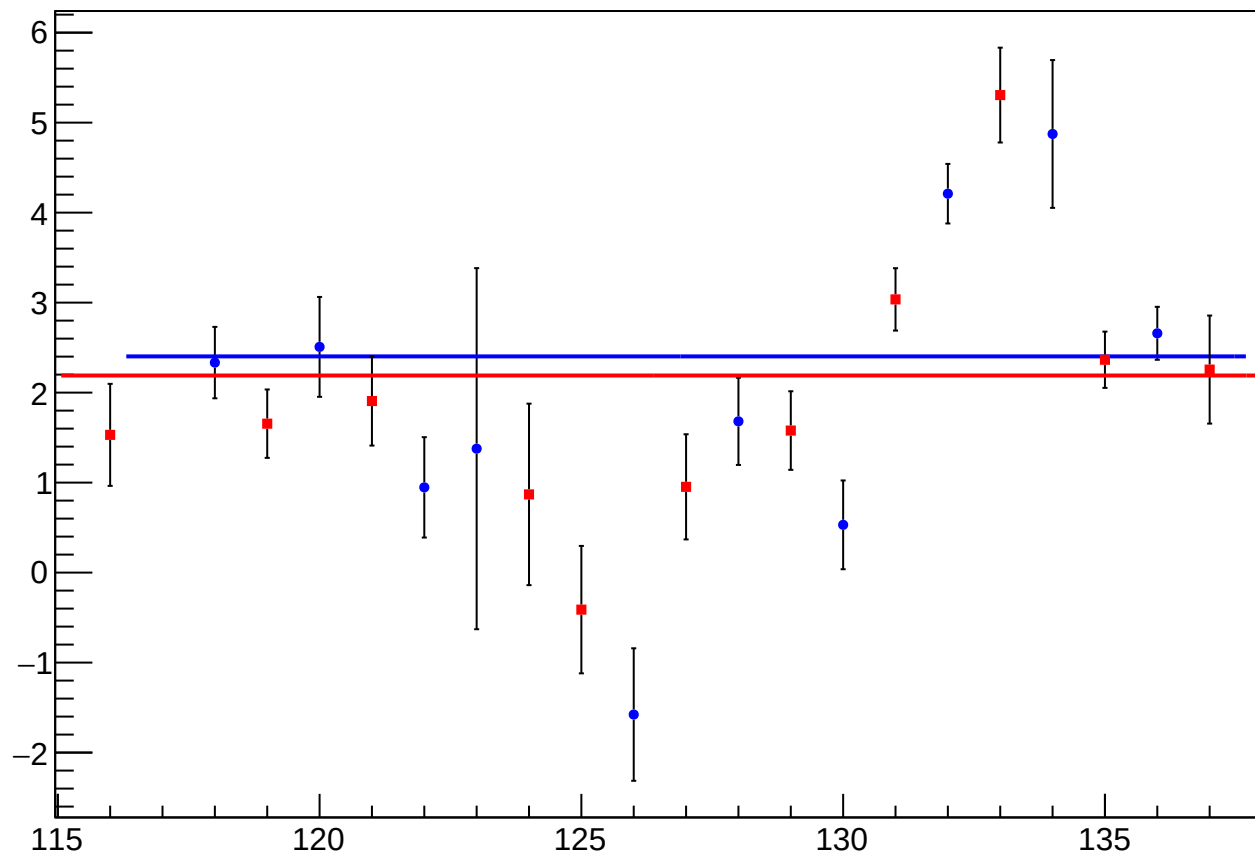
Right: 6.545+/-0.028 χ^2/NDF : 225823.6/20

In: 6.266+/-0.039 χ^2/NDF : 119587.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.545+/-0.028 χ^2/NDF : 225823.6/20

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.403 $\pm$ 0.148 χ^2 /NDF: 92.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.190 $\pm$ 0.141 χ^2 /NDF: 66.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

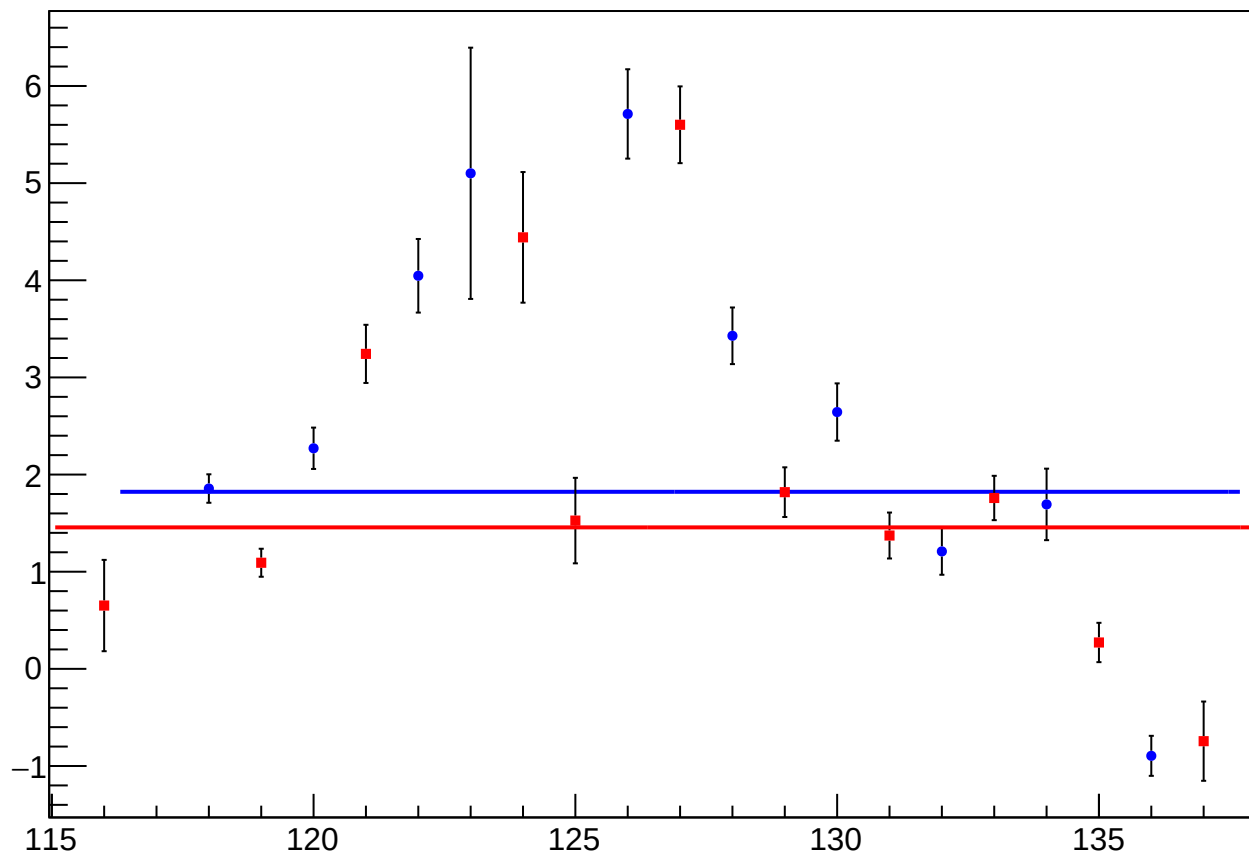
Right: 2.291 $\pm$ 0.102 χ^2 /NDF: 160.3/20

In: 2.403 $\pm$ 0.148 χ^2 /NDF:92.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.291 $\pm$ 0.102 χ^2 /NDF: 160.3/20

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.823+/-0.081 χ^2/NDF : 335.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.456+/-0.079 χ^2/NDF : 241.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

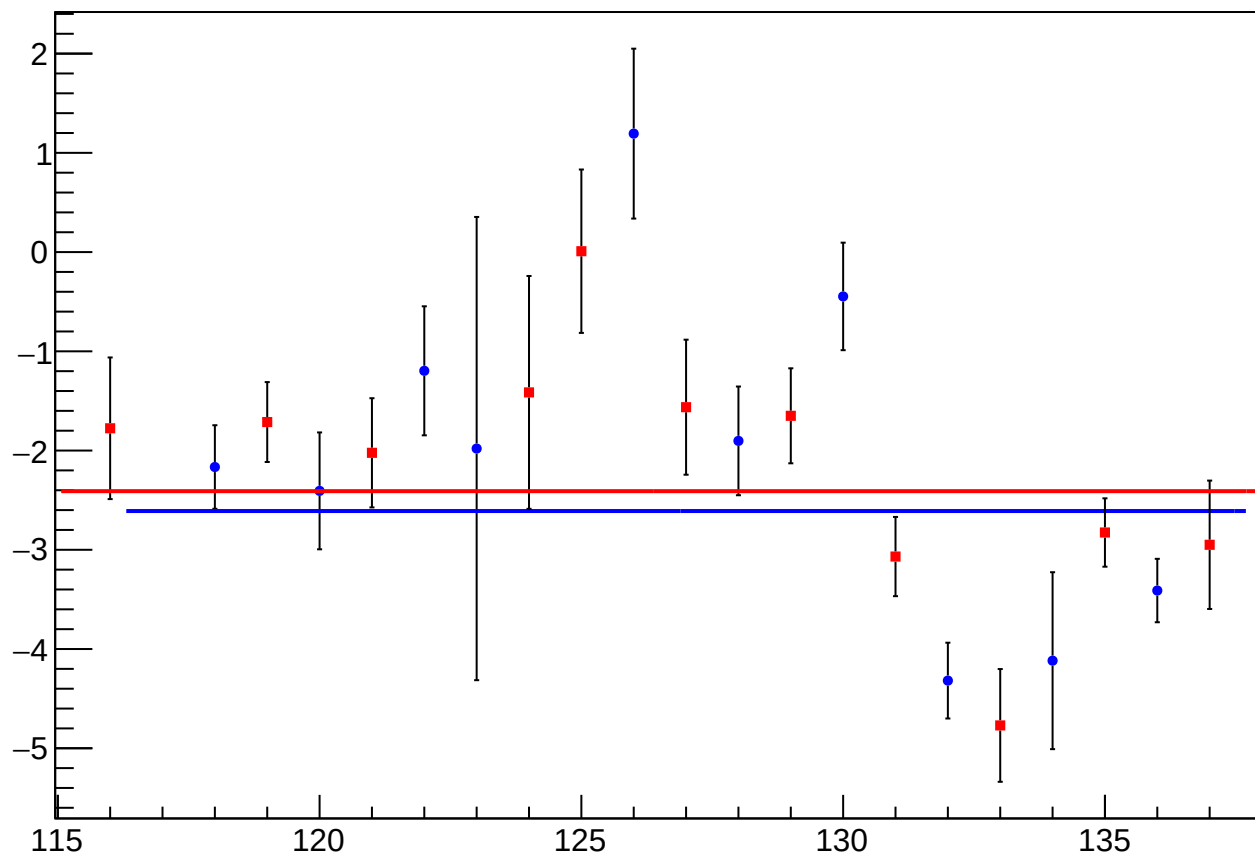
Right: 1.635+/-0.057 χ^2/NDF : 588.1/20

In: 1.823+/-0.081 χ^2/NDF : 335.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.635+/-0.057 χ^2/NDF : 588.1/20

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.609 $\pm$ 0.164 χ^2 /NDF: 72.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.409 $\pm$ 0.157 χ^2 /NDF: 39.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

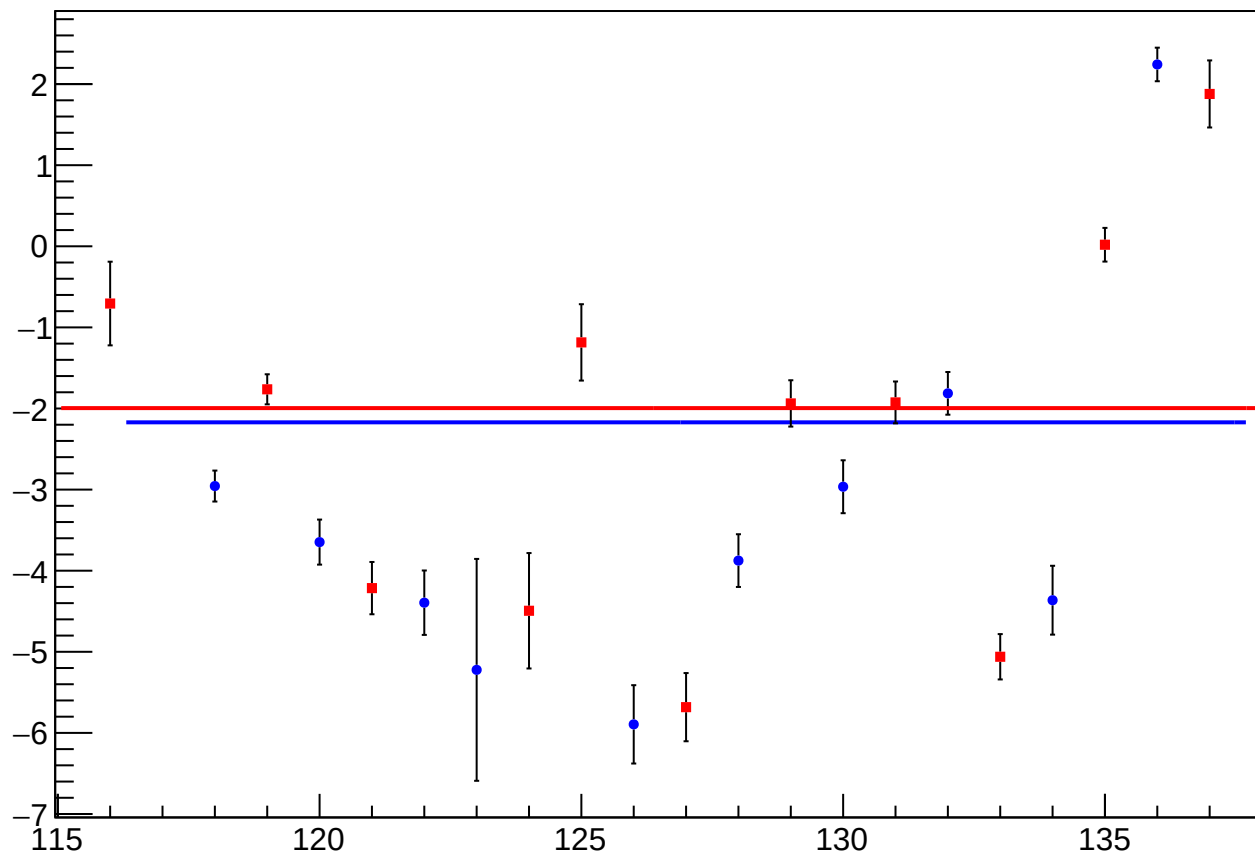
Right: -2.505 $\pm$ 0.114 χ^2 /NDF: 113.1/20

In: -2.609 $\pm$ 0.164 χ^2 /NDF:72.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.505 $\pm$ 0.114 χ^2 /NDF: 113.1/20

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.171 ± 0.094 χ^2/NDF : 657.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.995 ± 0.090 χ^2/NDF : 449.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

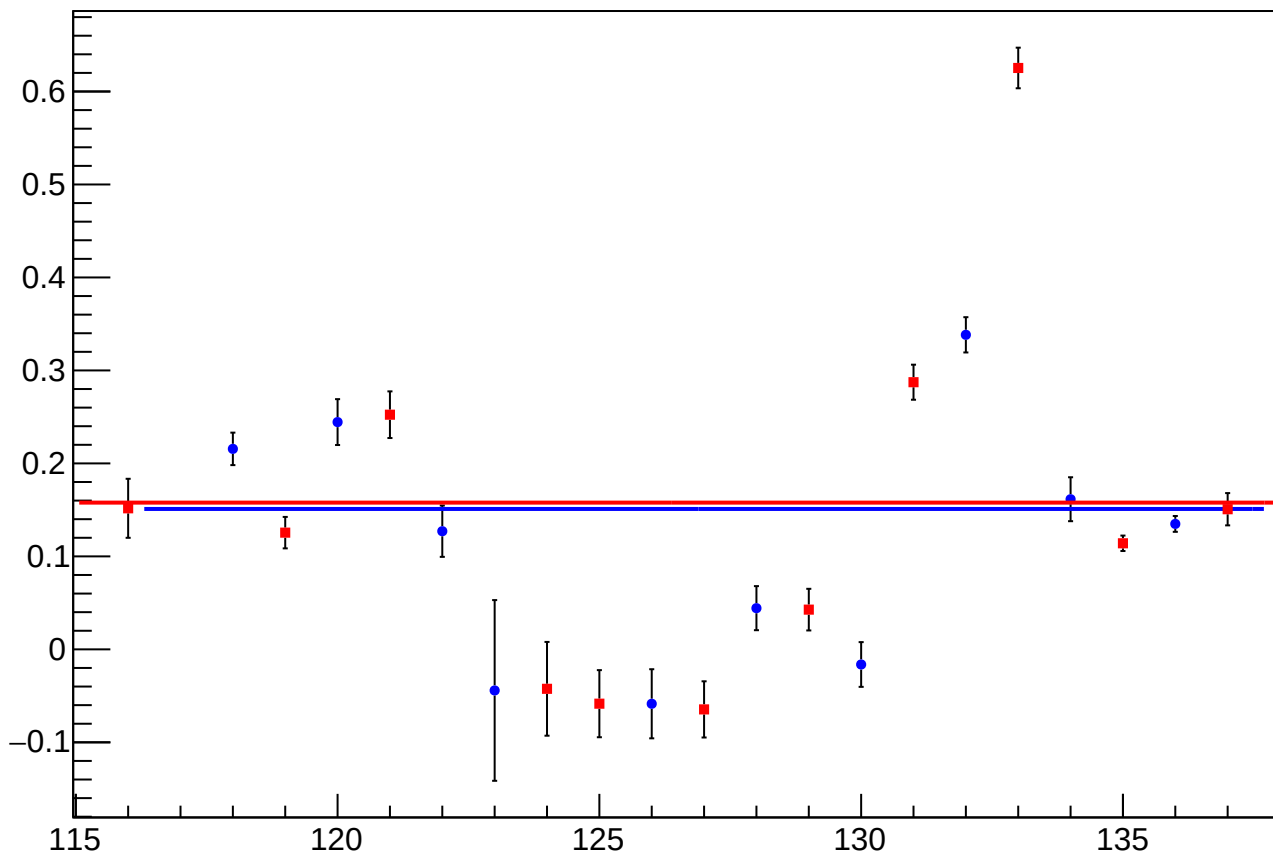
Right: -2.079 ± 0.065 χ^2/NDF : 1109.0/20

In: -2.171 ± 0.094 χ^2/NDF : 657.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.079 ± 0.065 χ^2/NDF : 1109.0/20

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.151+/-0.006 χ^2/NDF : 234.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.158+/-0.005 χ^2/NDF : 683.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

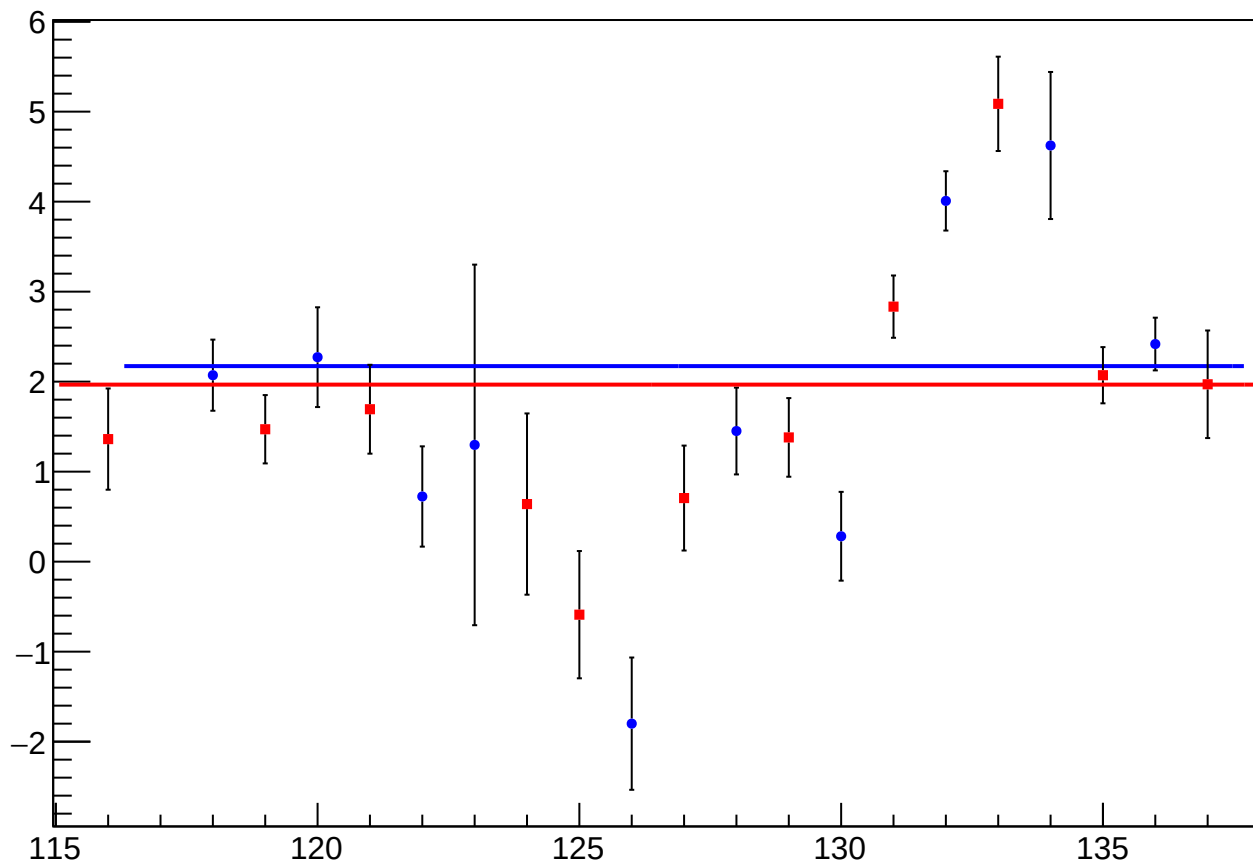
Right: 0.155+/-0.004 χ^2/NDF : 918.9/20

In: 0.151+/-0.006 χ^2/NDF : 234.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.155+/-0.004 χ^2/NDF : 918.9/20

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.173+/-0.148 χ^2/NDF : 93.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.967+/-0.141 χ^2/NDF : 66.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

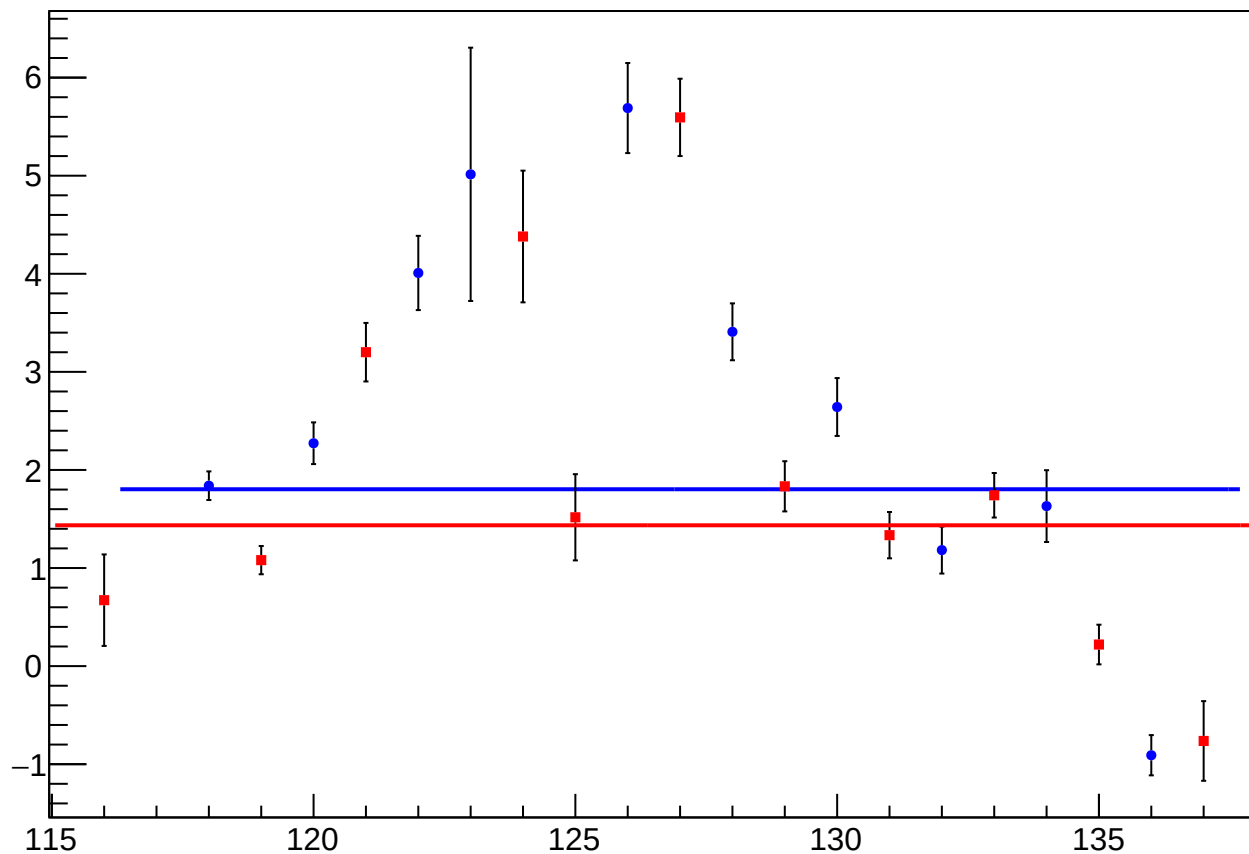
Right: 2.065+/-0.102 χ^2/NDF : 161.2/20

In: 2.173+/-0.148 χ^2/NDF : 93.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.065+/-0.102 χ^2/NDF : 161.2/20

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.803 $\pm$ 0.081 χ^2 /NDF: 337.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.436 $\pm$ 0.079 χ^2 /NDF: 244.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

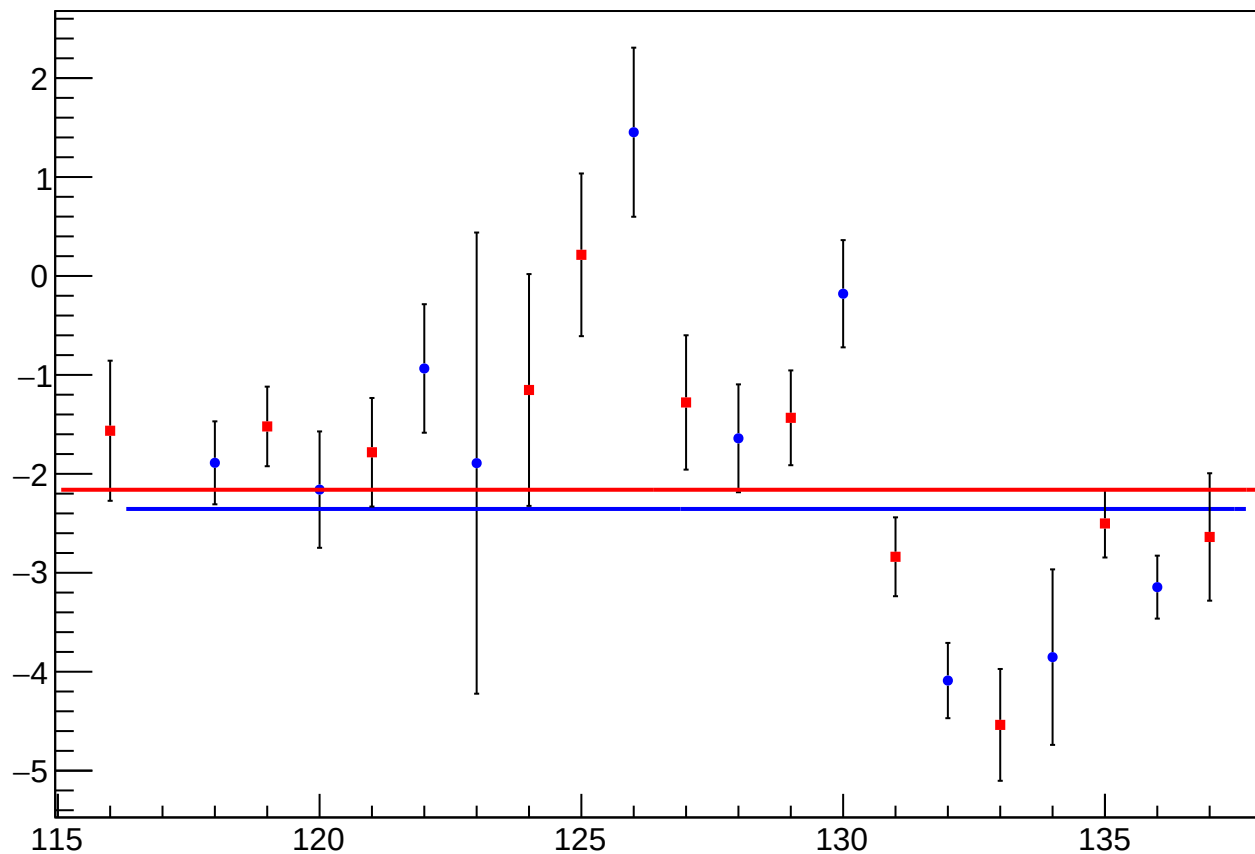
Right: 1.615 $\pm$ 0.056 χ^2 /NDF: 591.8/20

In: 1.803 $\pm$ 0.081 χ^2 /NDF:337.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.615 $\pm$ 0.056 χ^2 /NDF: 591.8/20

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.355+/-0.164 χ^2/NDF : 73.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.161+/-0.157 χ^2/NDF : 38.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

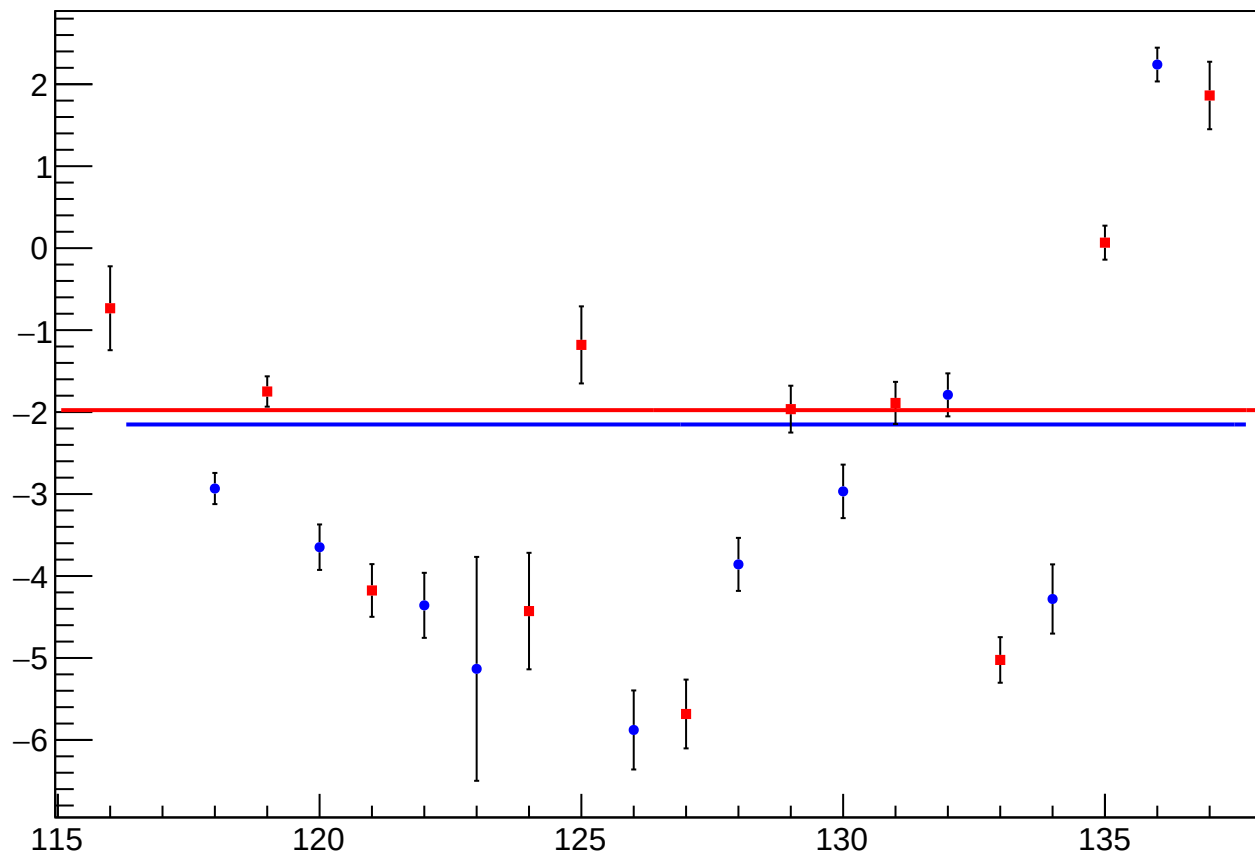
Right: -2.254+/-0.113 χ^2/NDF : 113.3/20

In: -2.355+/-0.164 χ^2/NDF :73.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.254+/-0.113 χ^2/NDF : 113.3/20

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.151 ± 0.093 χ^2/NDF : 656.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.976 ± 0.090 χ^2/NDF : 451.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

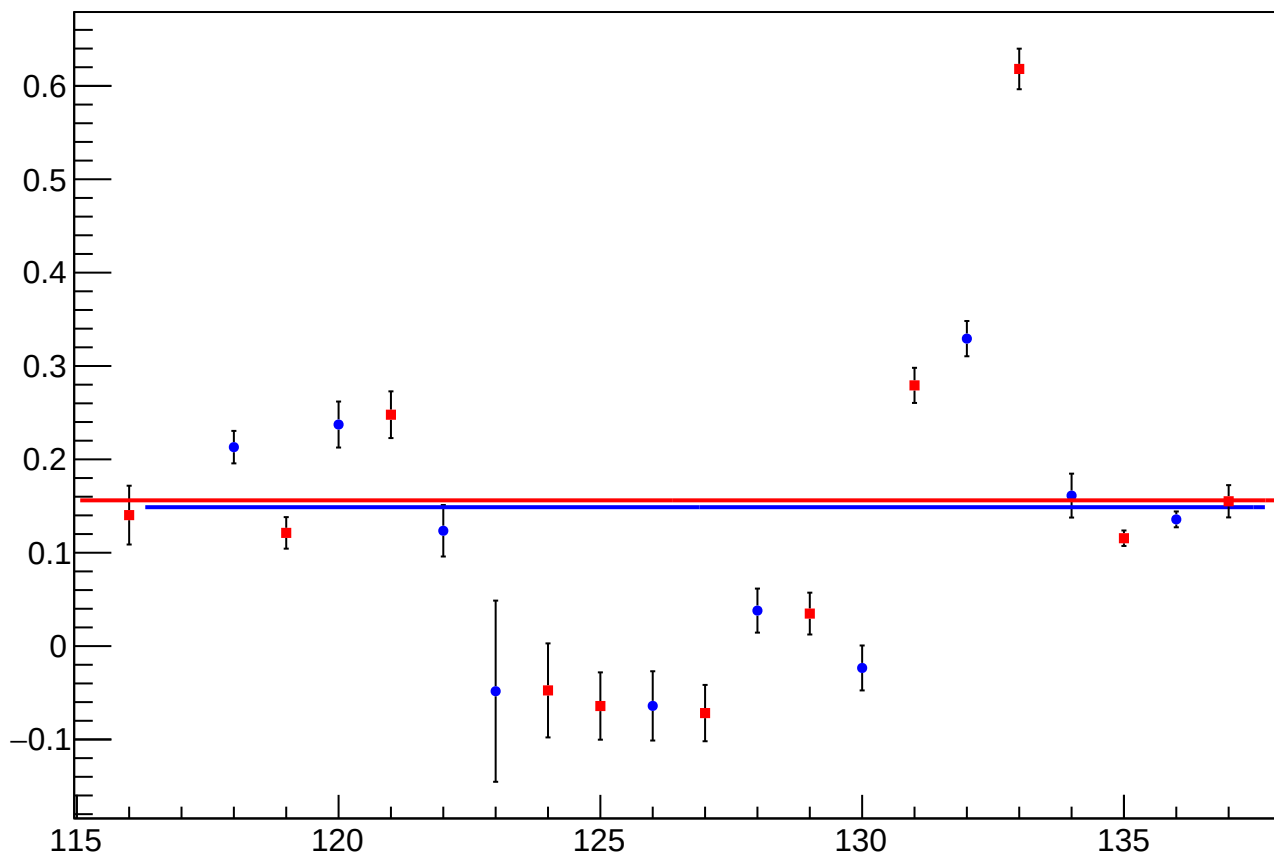
Right: -2.060 ± 0.065 χ^2/NDF : 1110.0/20

In: -2.151 ± 0.093 χ^2/NDF : 656.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.060 ± 0.065 χ^2/NDF : 1110.0/20

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149+/-0.006 χ^2/NDF : 231.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.156+/-0.005 χ^2/NDF : 677.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

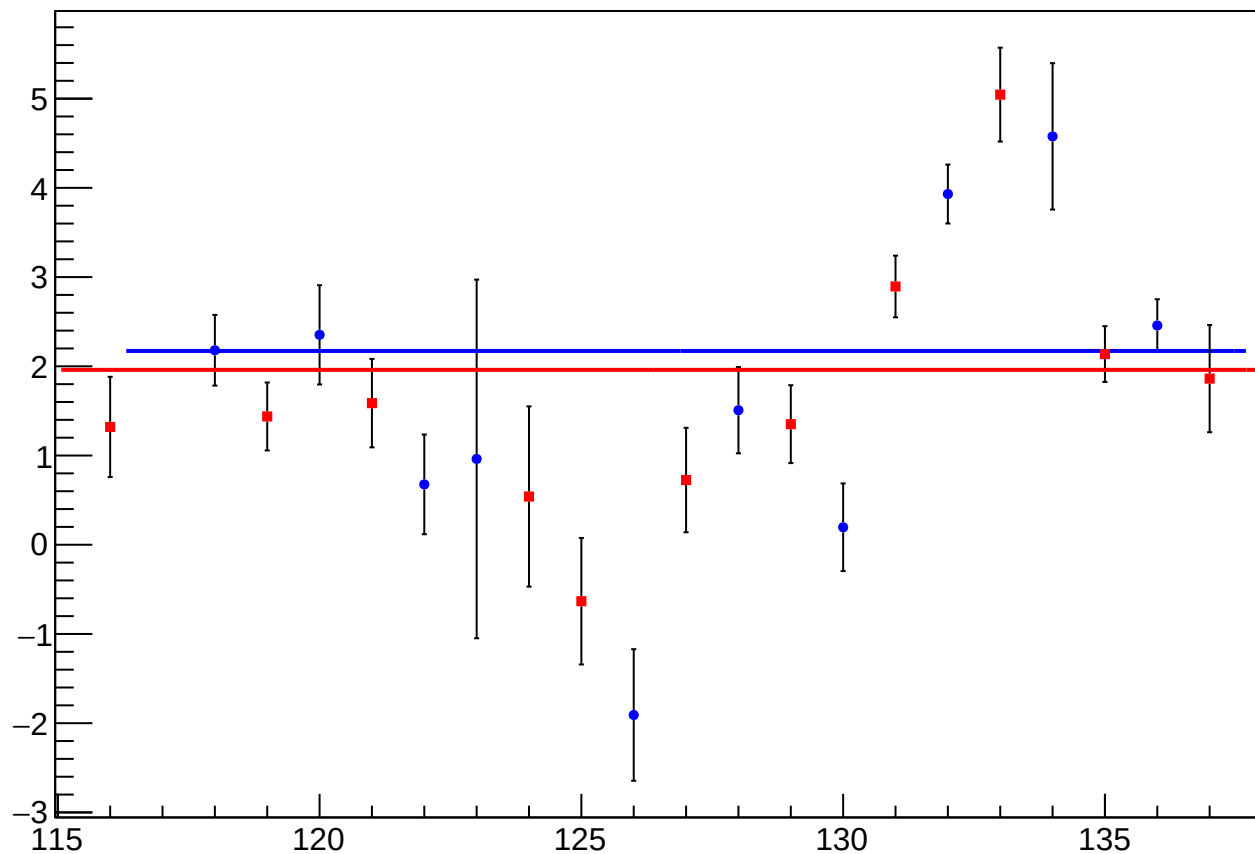
Right: 0.153+/-0.004 χ^2/NDF : 909.9/20

In: 0.149+/-0.006 χ^2/NDF : 231.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.153+/-0.004 χ^2/NDF : 909.9/20

reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.172 $\pm$ 0.148 χ^2 /NDF: 94.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.960 $\pm$ 0.141 χ^2 /NDF: 67.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

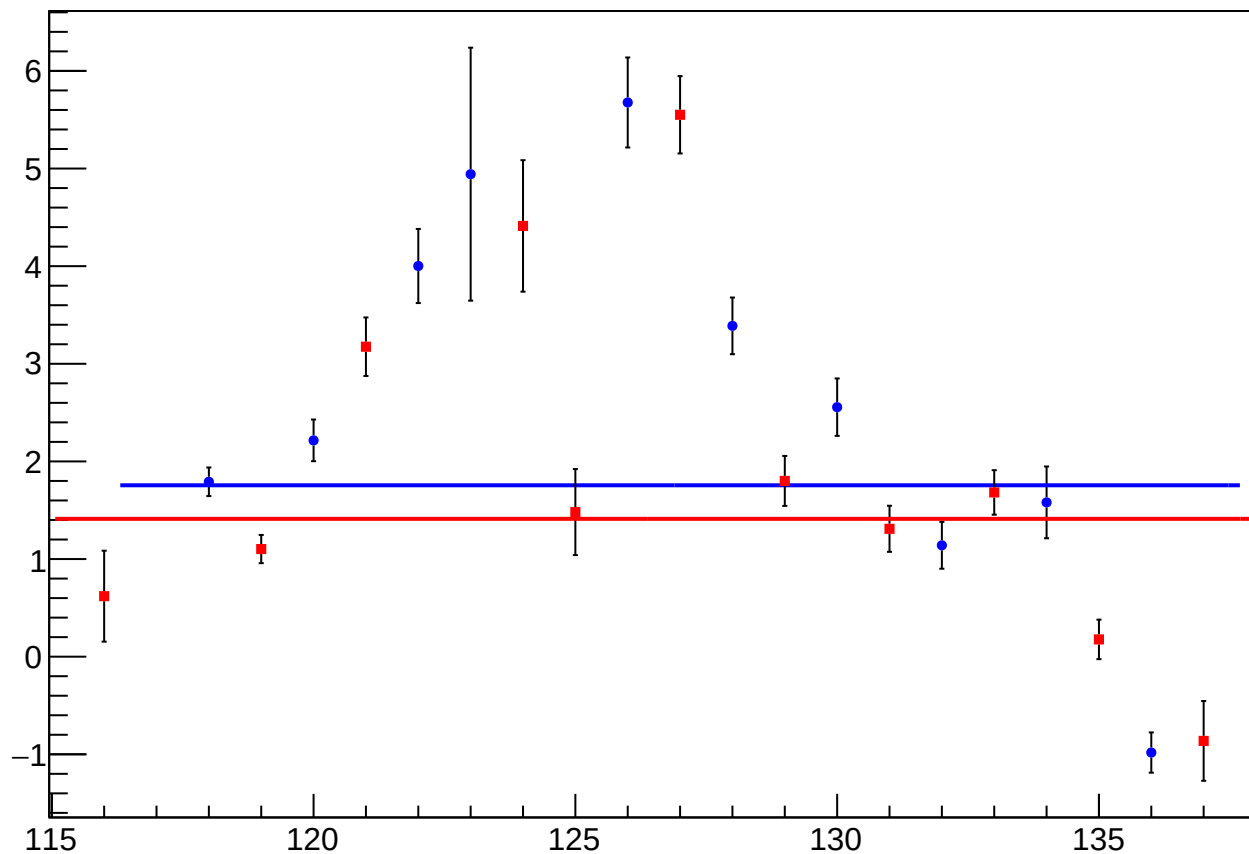
Right: 2.061 $\pm$ 0.102 χ^2 /NDF: 162.8/20

In: 2.172 $\pm$ 0.148 χ^2 /NDF:94.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.061 $\pm$ 0.102 χ^2 /NDF: 162.8/20

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.756+/-0.081 χ^2/NDF : 340.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.412+/-0.079 χ^2/NDF : 243.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

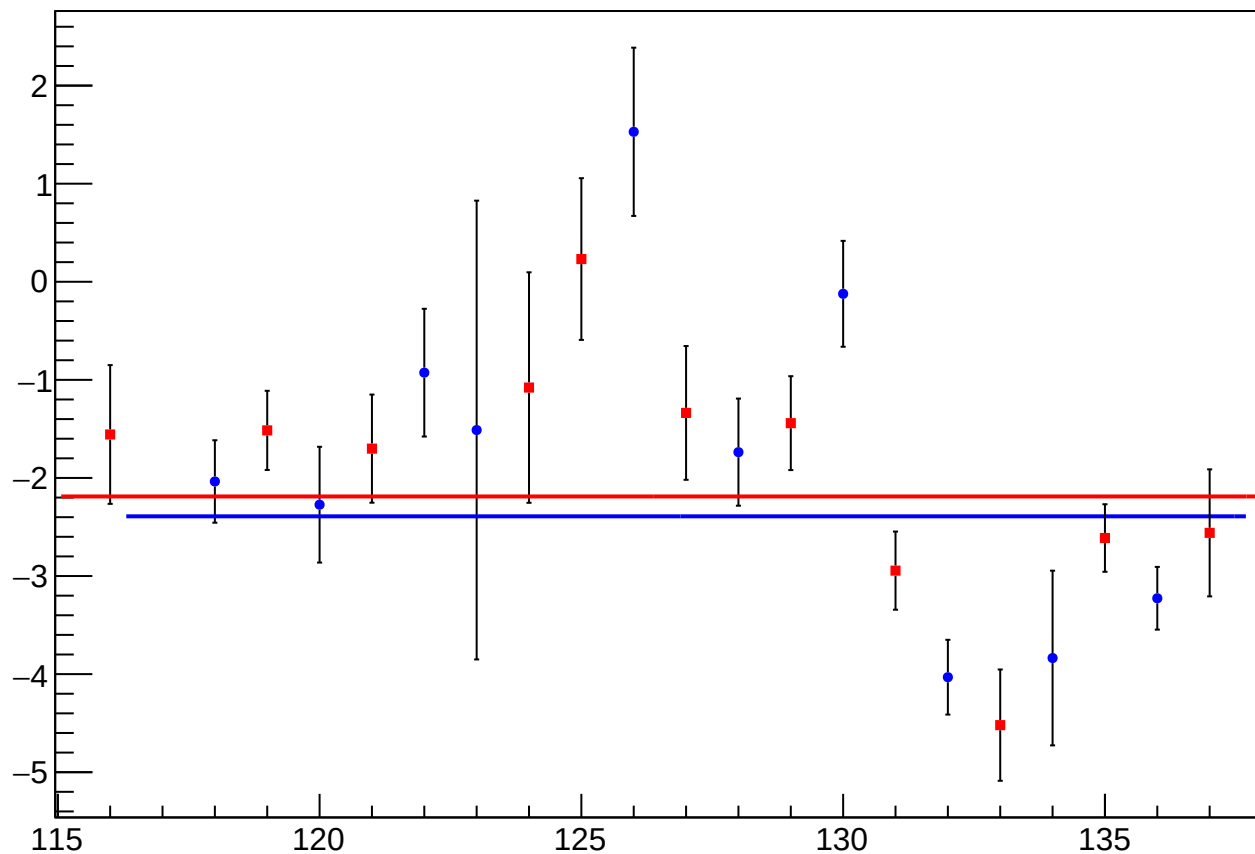
Right: 1.580+/-0.057 χ^2/NDF : 592.9/20

In: 1.756+/-0.081 χ^2/NDF : 340.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.580+/-0.057 χ^2/NDF : 592.9/20

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.391 ± 0.164 χ^2/NDF : 73.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.189 ± 0.157 χ^2/NDF : 40.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

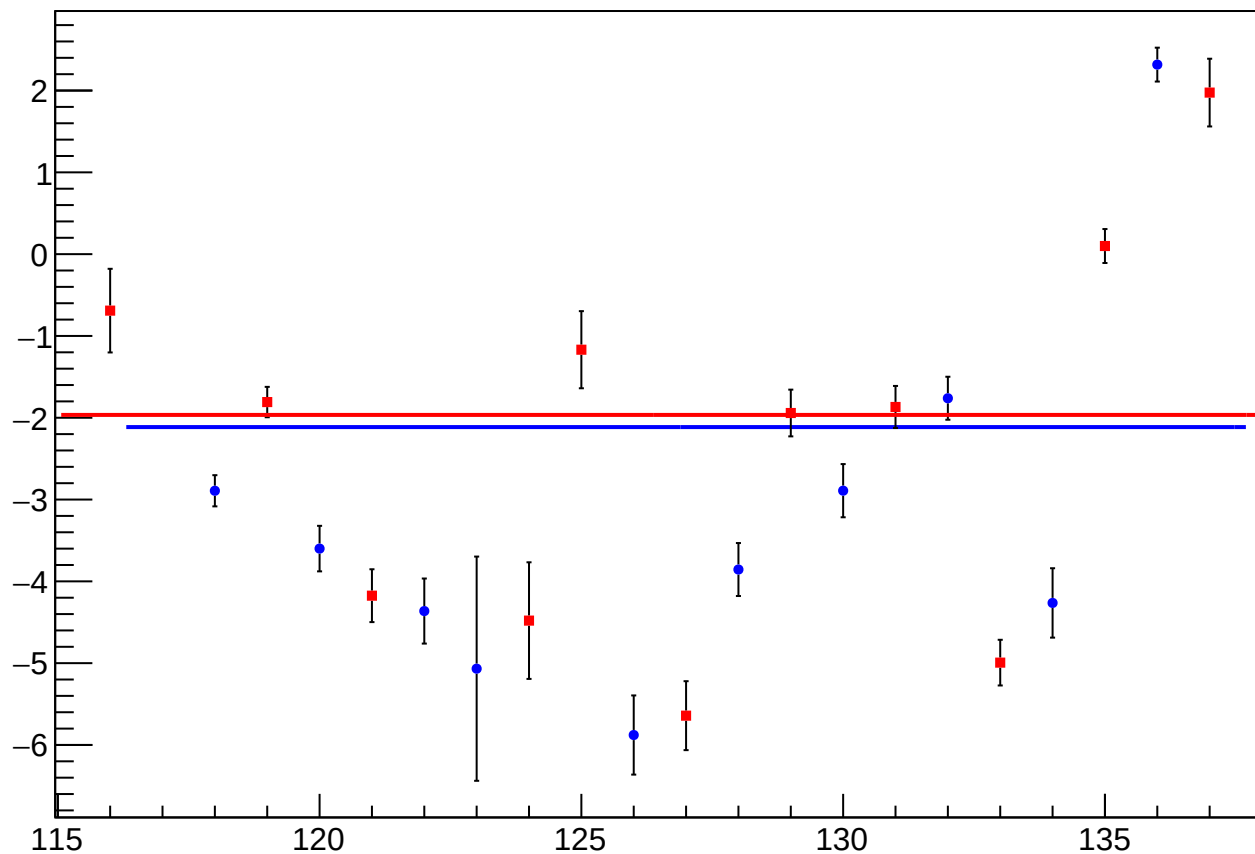
Right: -2.286 ± 0.114 χ^2/NDF : 114.9/20

In: -2.391 ± 0.164 χ^2/NDF : 73.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.286 ± 0.114 χ^2/NDF : 114.9/20

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.114+/-0.094 χ^2/NDF : 662.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.965+/-0.090 χ^2/NDF : 452.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

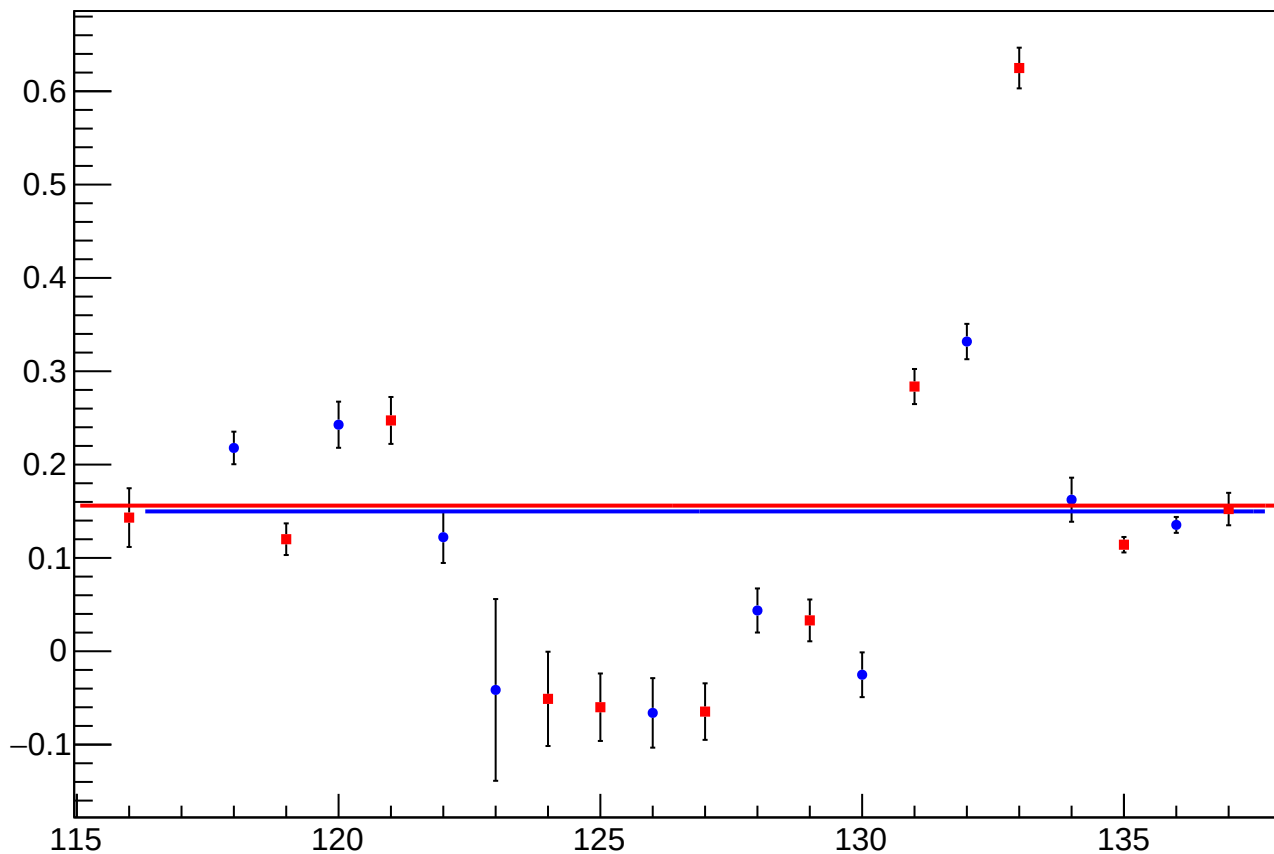
Right: -2.037+/-0.065 χ^2/NDF : 1115.9/20

In: -2.114+/-0.094 χ^2/NDF : 662.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.037+/-0.065 χ^2/NDF : 1115.9/20

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150+/-0.006 χ^2/NDF : 236.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.156+/-0.005 χ^2/NDF : 687.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

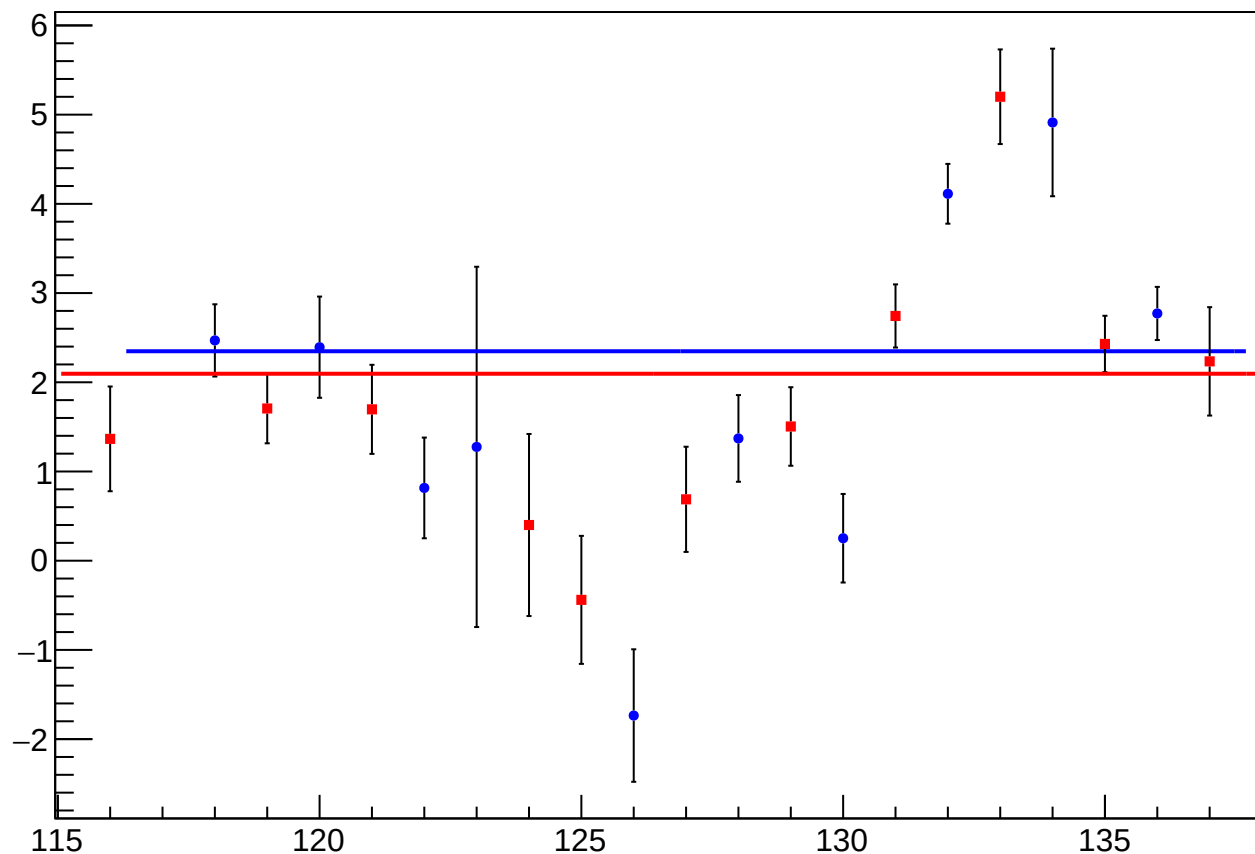
Right: 0.153+/-0.004 χ^2/NDF : 924.8/20

In: 0.150+/-0.006 χ^2/NDF : 236.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.153+/-0.004 χ^2/NDF : 924.8/20

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.348 $\pm$ 0.150 χ^2 /NDF: 99.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.096 $\pm$ 0.143 χ^2 /NDF: 64.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

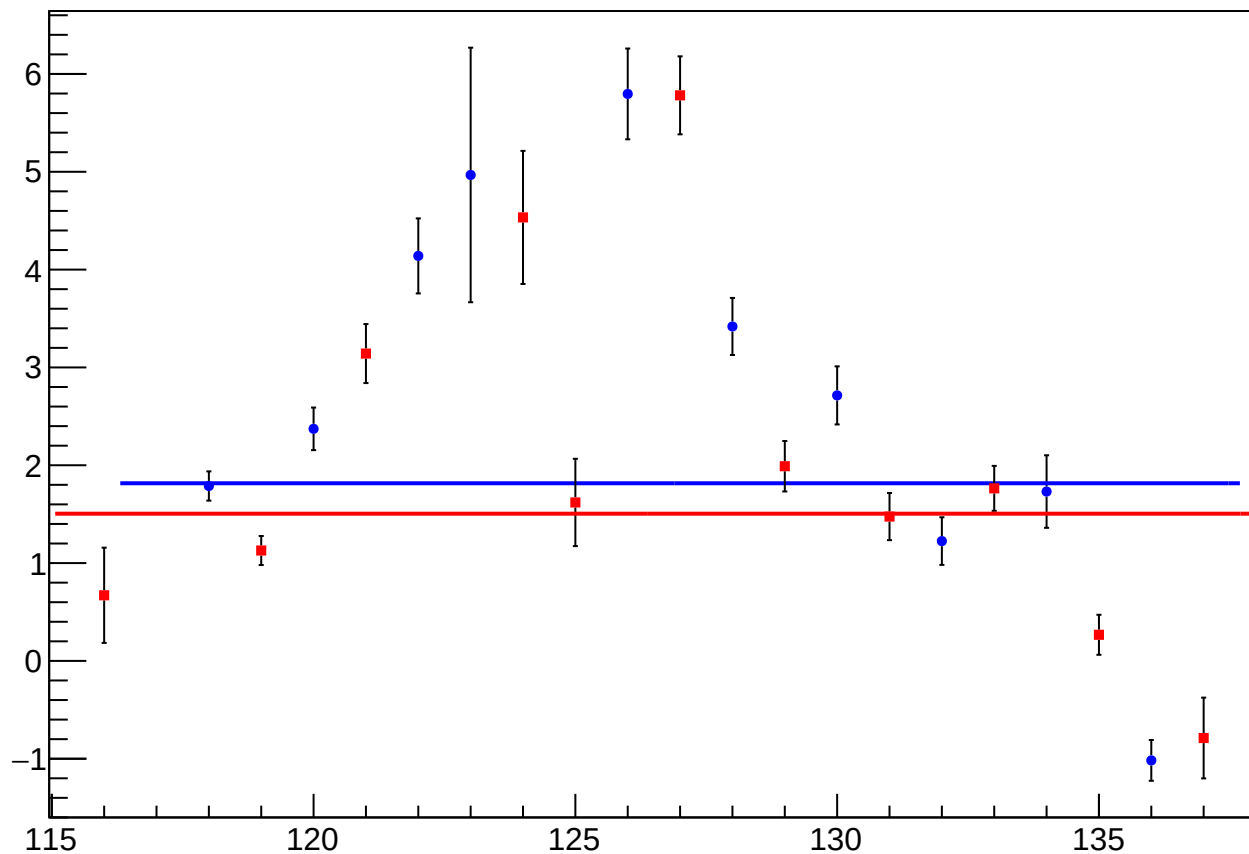
Right: 2.216 $\pm$ 0.104 χ^2 /NDF: 165.4/20

In: 2.348 $\pm$ 0.150 χ^2 /NDF:99.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.216 $\pm$ 0.104 χ^2 /NDF: 165.4/20

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.816+/-0.082 χ^2/NDF : 352.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.505+/-0.080 χ^2/NDF : 246.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

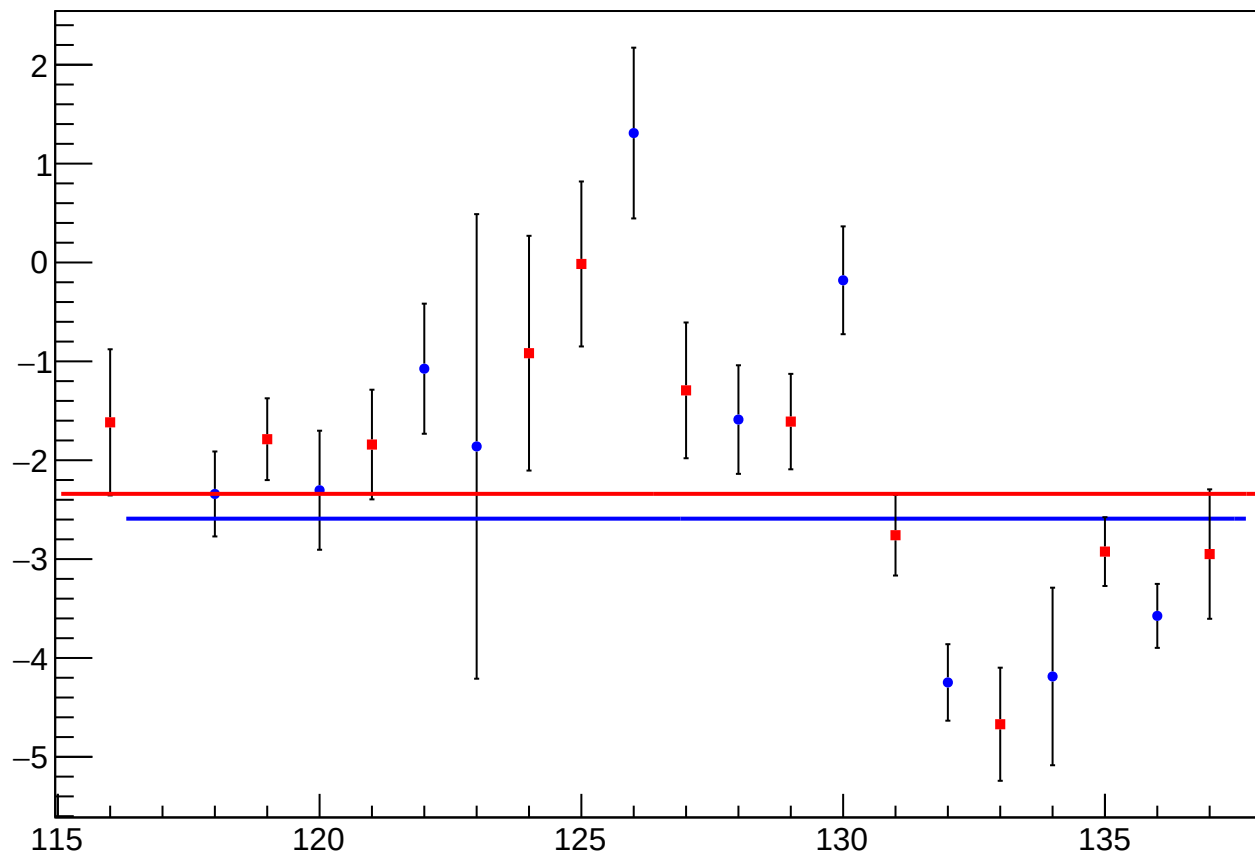
Right: 1.657+/-0.057 χ^2/NDF : 605.8/20

In: 1.816+/-0.082 χ^2/NDF : 352.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.657+/-0.057 χ^2/NDF : 605.8/20

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.591+/-0.166 χ^2/NDF : 80.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.340+/-0.160 χ^2/NDF : 38.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

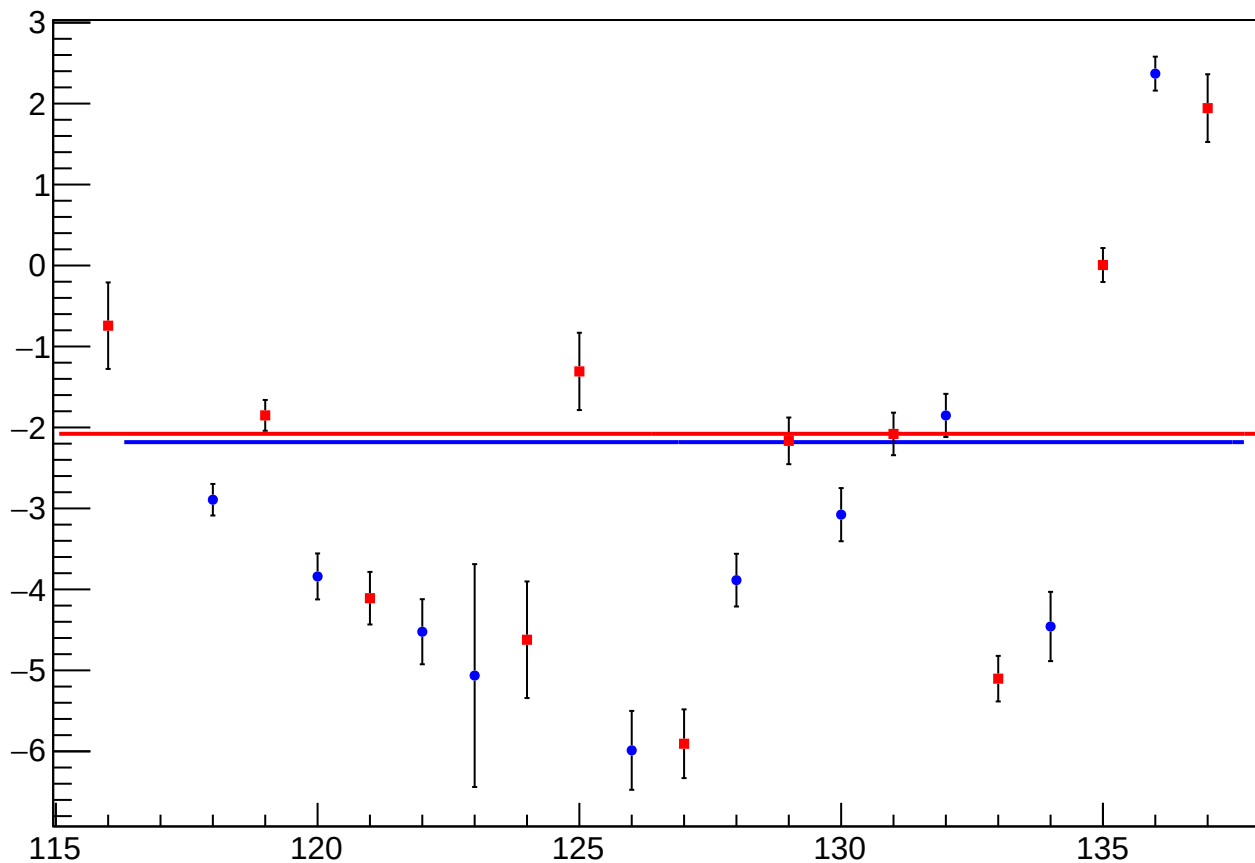
Right: -2.461+/-0.115 χ^2/NDF : 119.9/20

In: -2.591+/-0.166 χ^2/NDF : 80.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.461+/-0.115 χ^2/NDF : 119.9/20

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.181+/-0.095 χ^2/NDF : 683.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.078+/-0.091 χ^2/NDF : 449.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

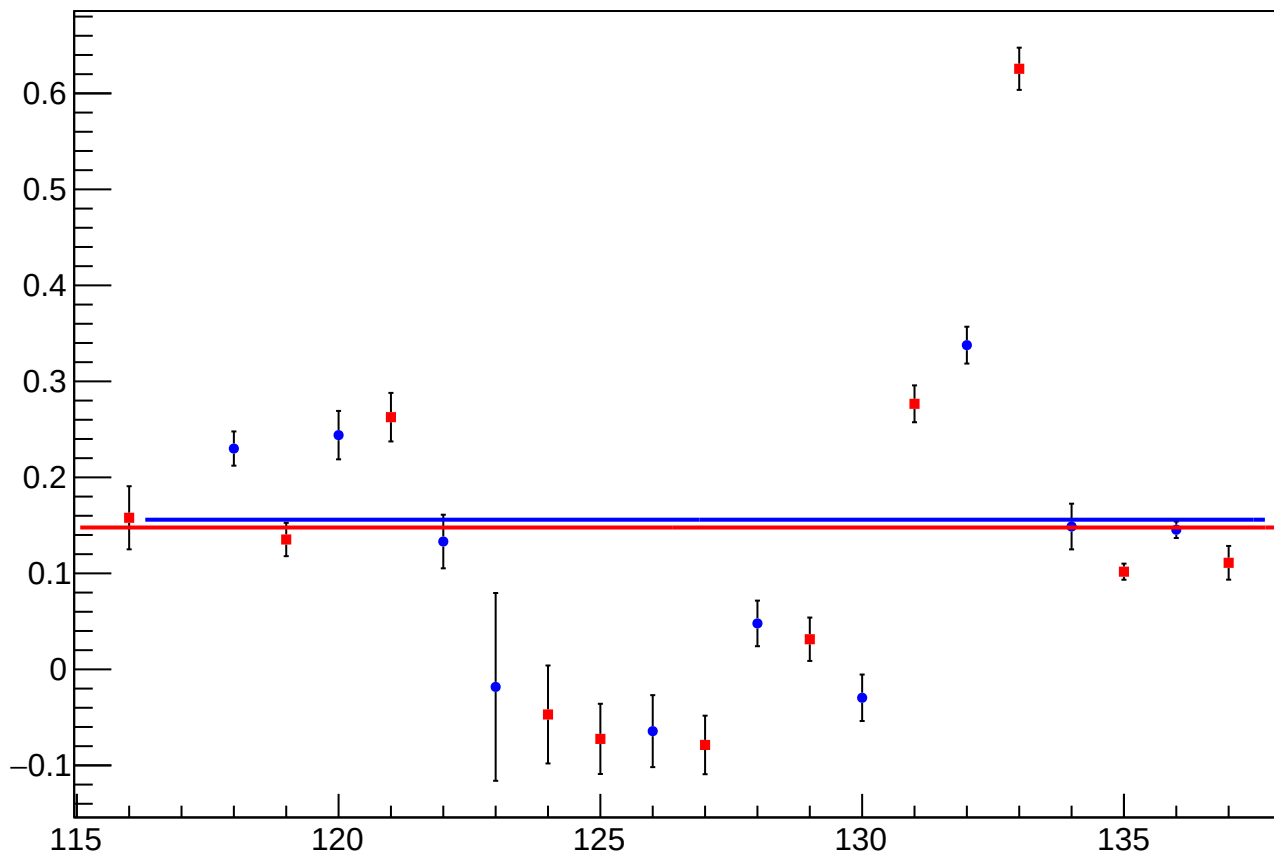
Right: -2.128+/-0.066 χ^2/NDF : 1133.5/20

In: -2.181+/-0.095 χ^2/NDF :683.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.128+/-0.066 χ^2/NDF : 1133.5/20

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.156+/-0.006 χ^2/NDF : 238.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-0.006 χ^2/NDF : 705.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

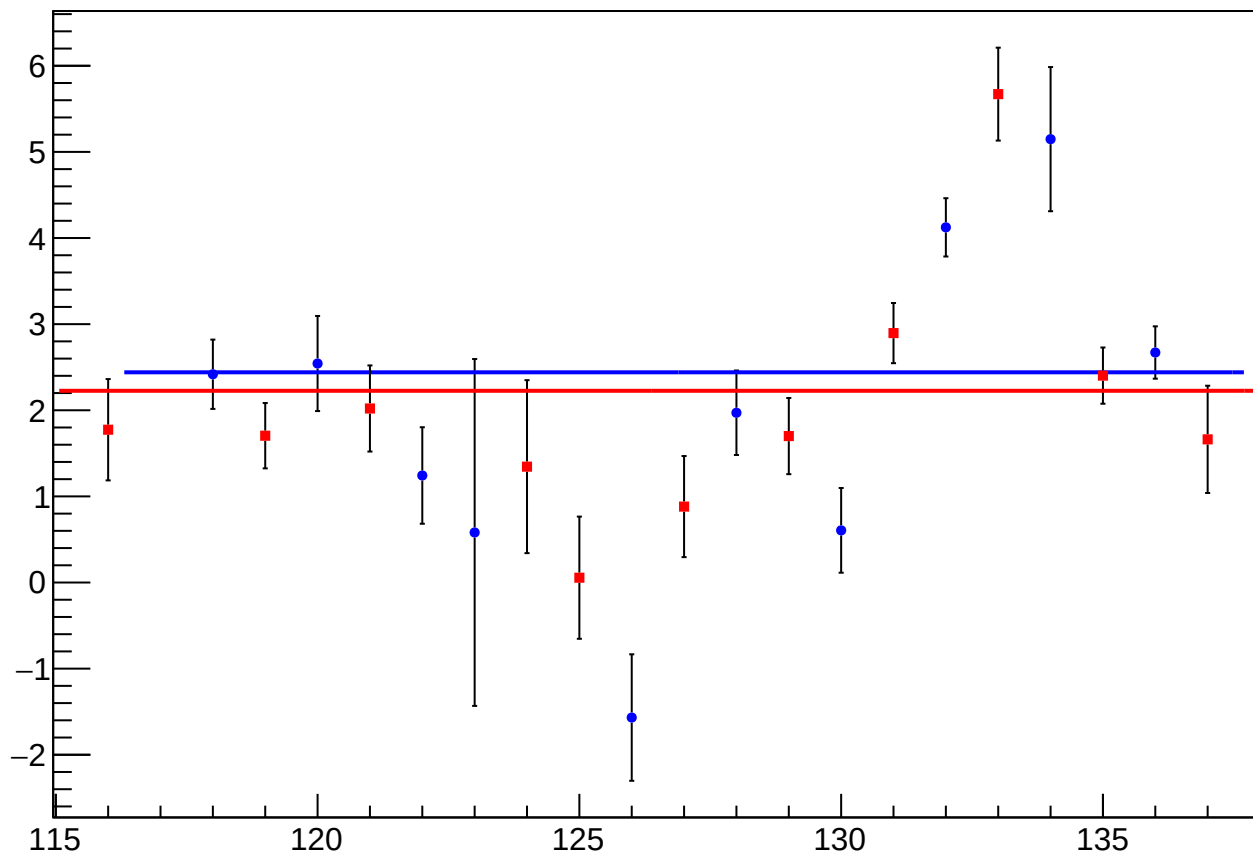
Right: 0.152+/-0.004 χ^2/NDF : 945.3/20

In: 0.156+/-0.006 χ^2/NDF : 238.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.152+/-0.004 χ^2/NDF : 945.3/20

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 2.441+/-0.151 χ^2/NDF : 85.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.226+/-0.144 χ^2/NDF : 65.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

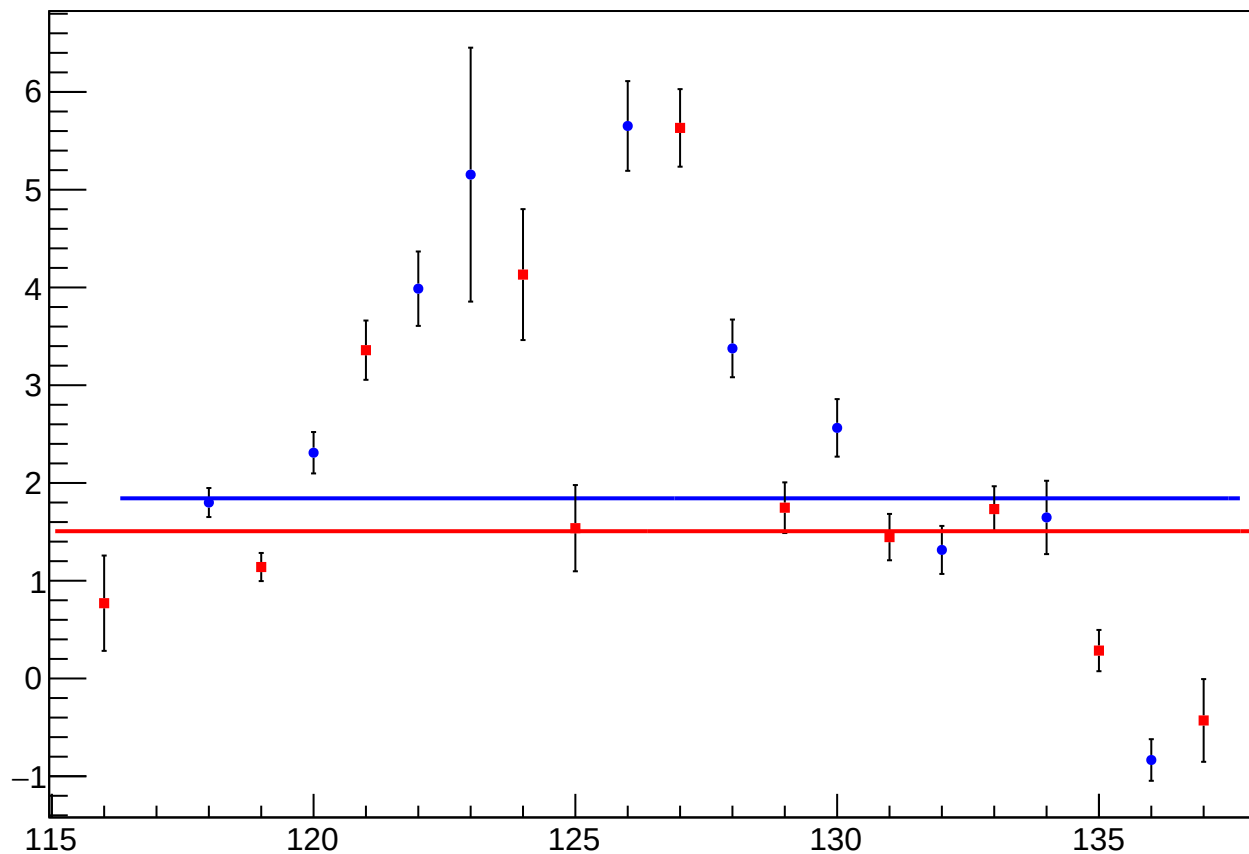
Right: 2.328+/-0.104 χ^2/NDF : 151.9/20

In: 2.441+/-0.151 χ^2/NDF : 85.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.328+/-0.104 χ^2/NDF : 151.9/20

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.843 ± 0.082 χ^2/NDF : 308.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.507 ± 0.080 χ^2/NDF : 225.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

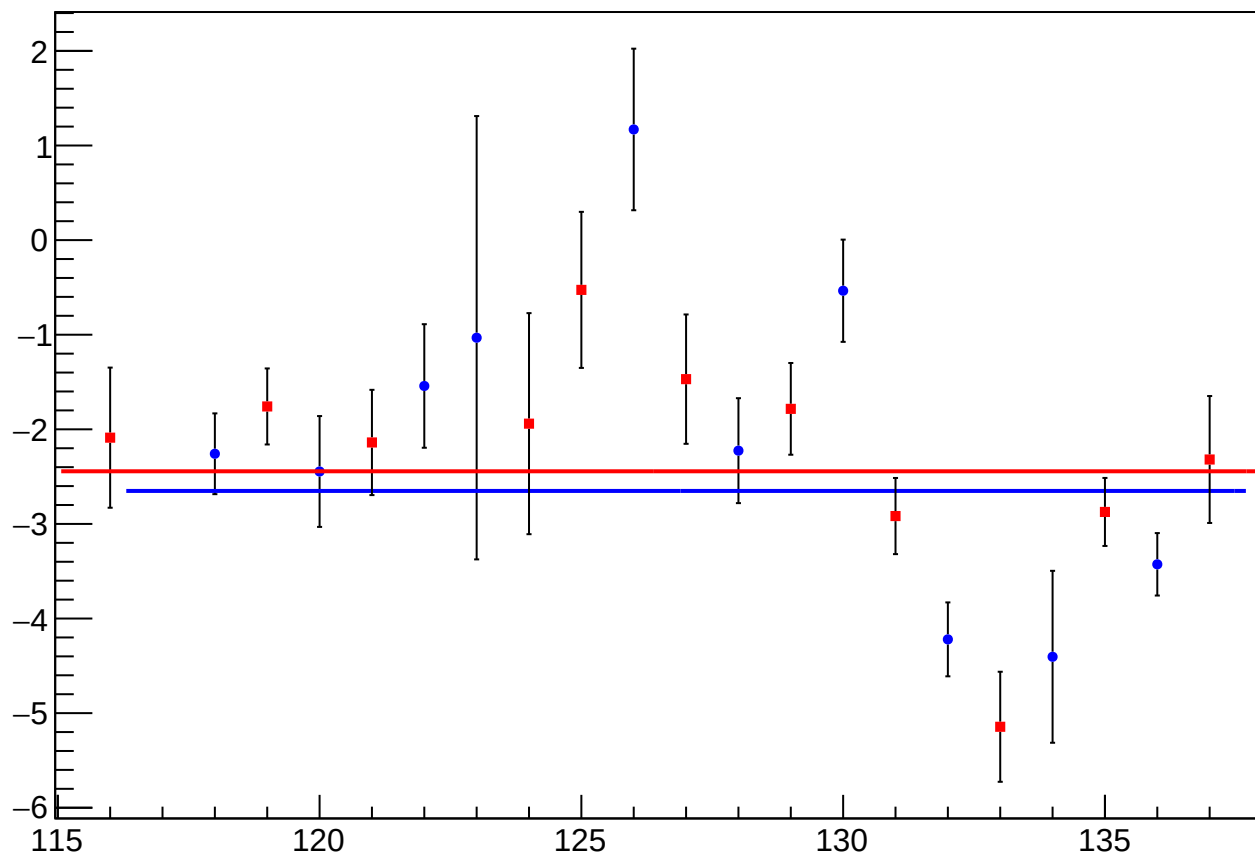
Right: 1.671 ± 0.057 χ^2/NDF : 542.6/20

In: 1.843 ± 0.082 χ^2/NDF : 308.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.671 ± 0.057 χ^2/NDF : 542.6/20

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.651 $\pm$ 0.167 χ^2 /NDF: 65.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.444 $\pm$ 0.160 χ^2 /NDF: 37.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

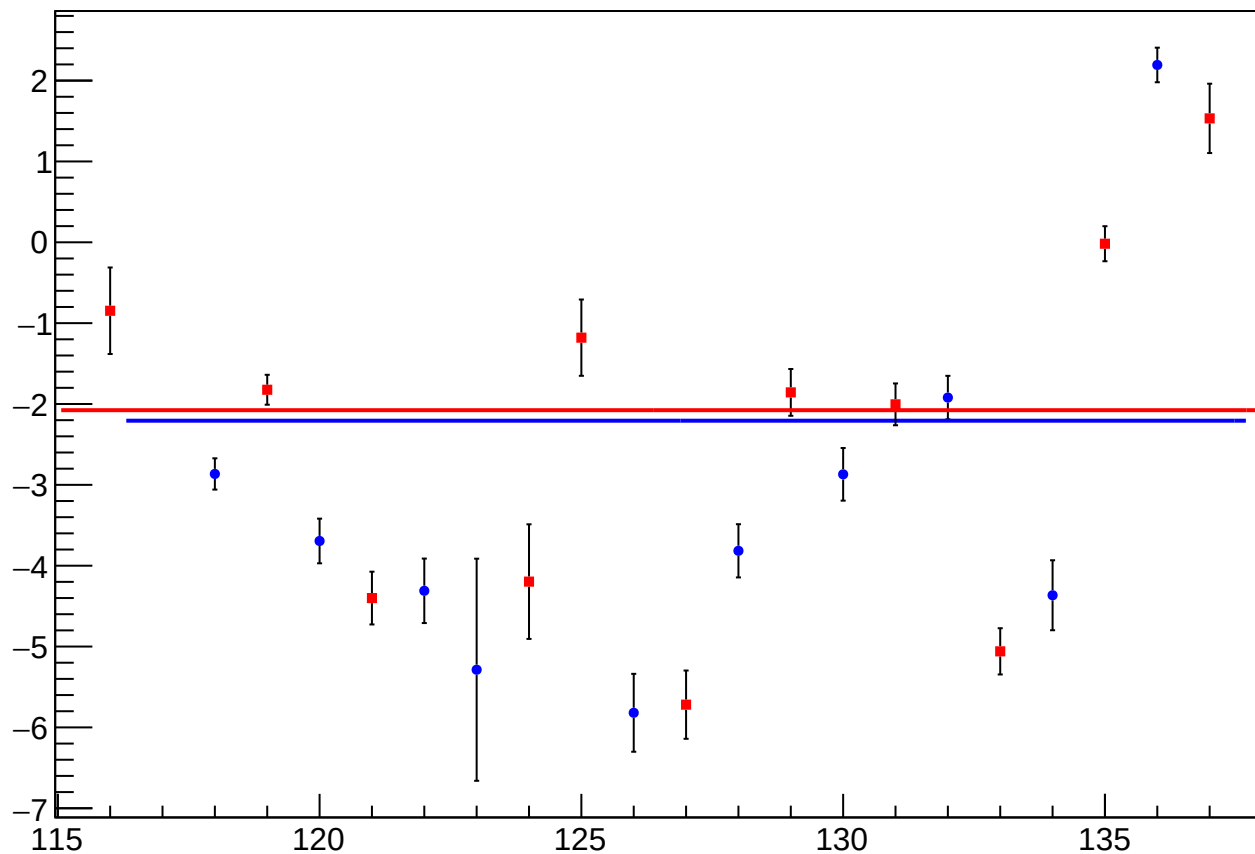
Right: -2.543 $\pm$ 0.116 χ^2 /NDF: 103.8/20

In: -2.651 $\pm$ 0.167 χ^2 /NDF:65.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.543 $\pm$ 0.116 χ^2 /NDF: 103.8/20

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.207 ± 0.095 χ^2/NDF : 607.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.077 ± 0.091 χ^2/NDF : 415.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

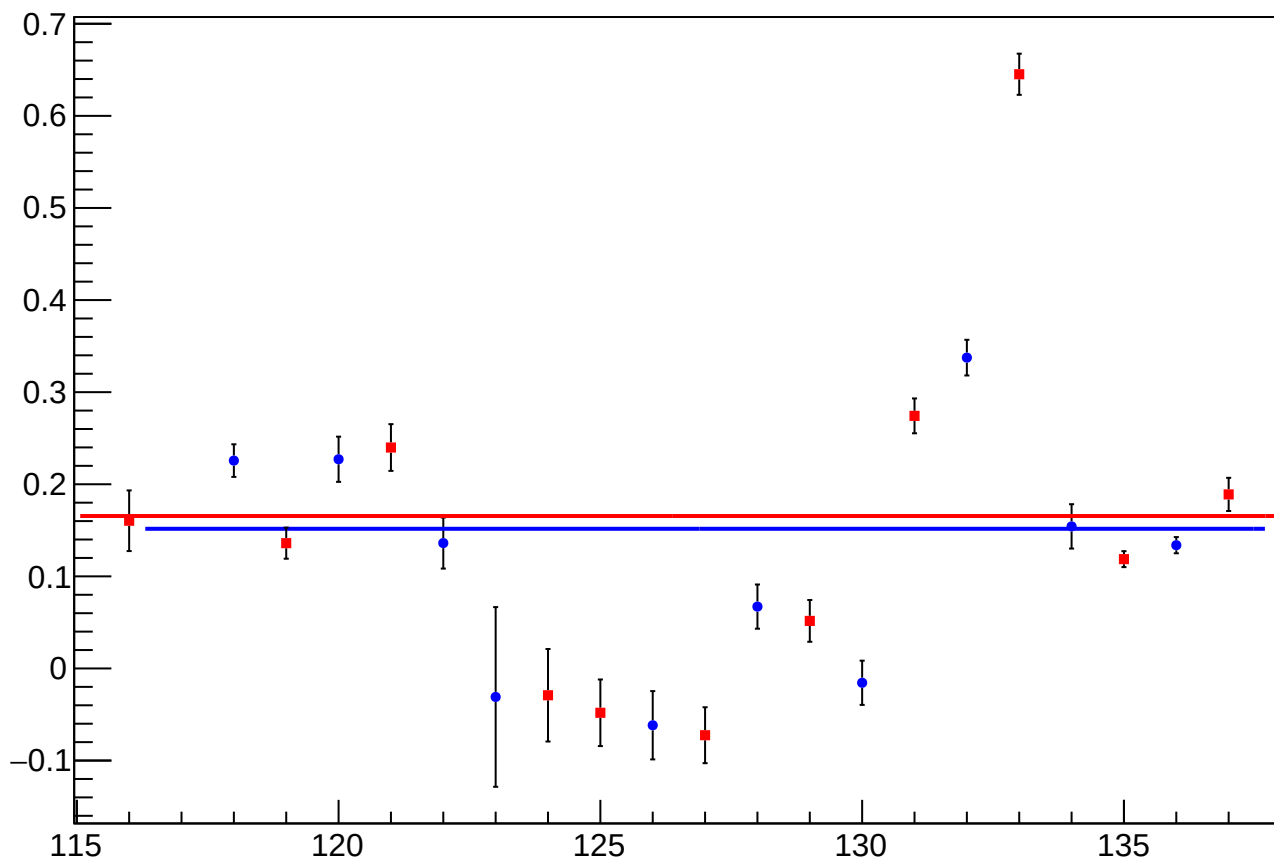
Right: -2.139 ± 0.066 χ^2/NDF : 1023.5/20

In: -2.207 ± 0.095 χ^2/NDF : 607.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.139 ± 0.066 χ^2/NDF : 1023.5/20

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.006 χ^2/NDF : 220.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.166+/-0.006 χ^2/NDF : 673.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

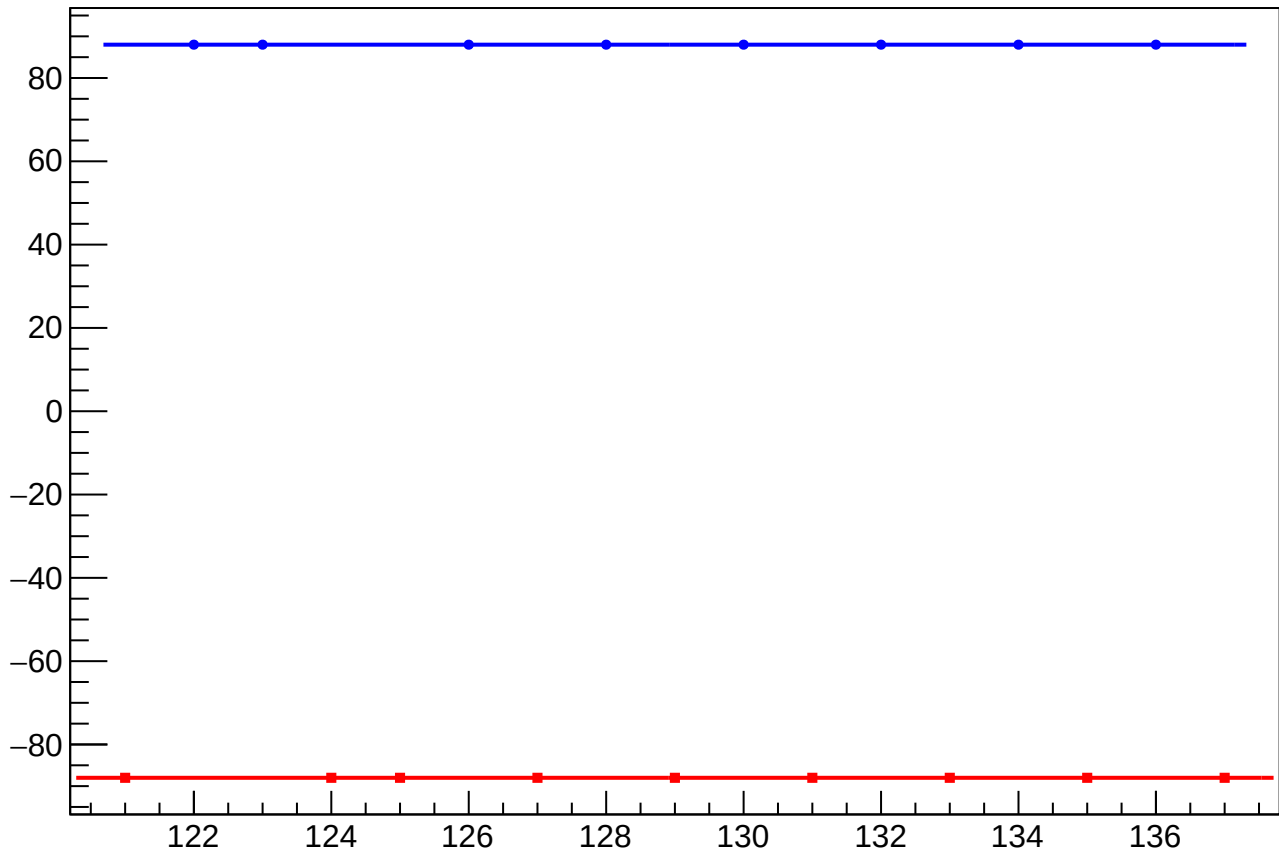
Right: 0.159+/-0.004 χ^2/NDF : 896.7/20

In: 0.152+/-0.006 χ^2/NDF : 220.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.159+/-0.004 χ^2/NDF : 896.7/20

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 714089.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

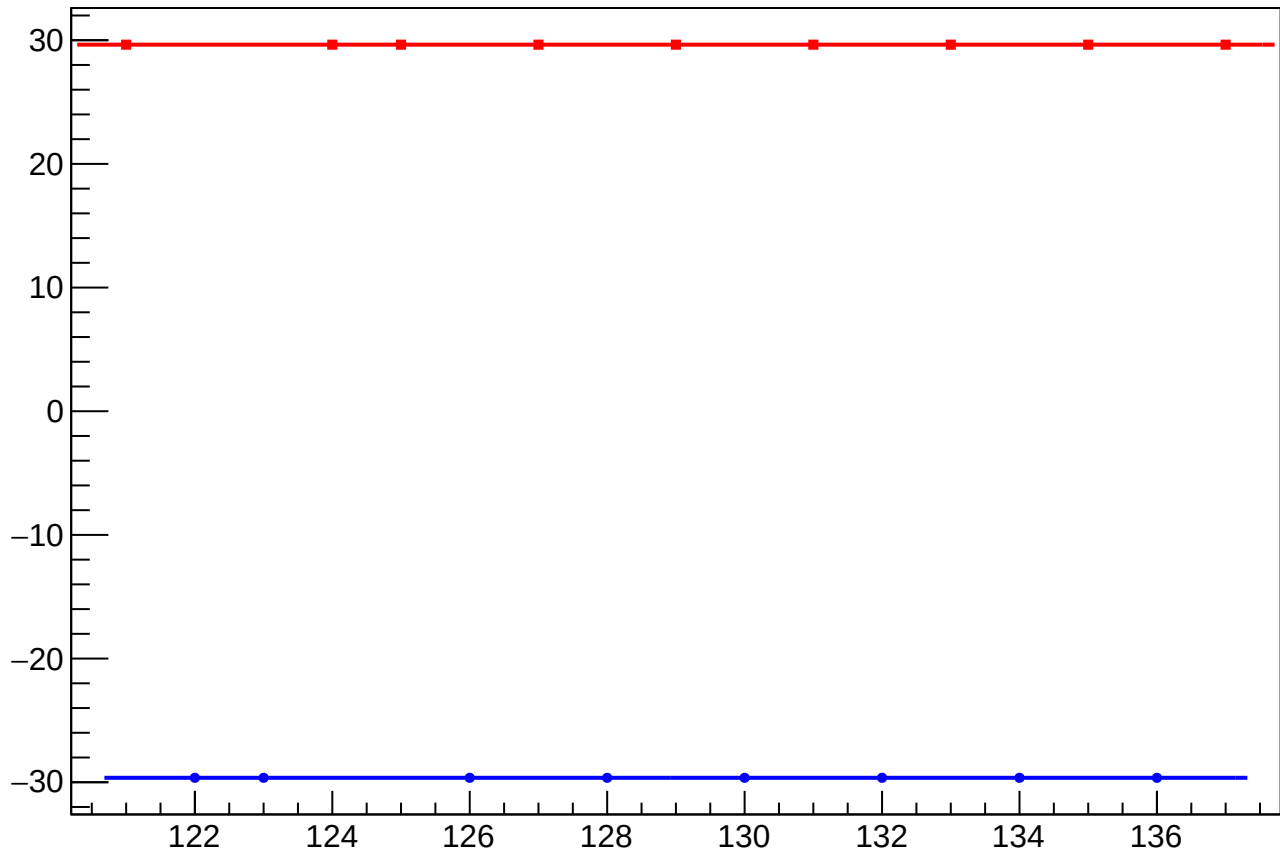
Right: 3.062+/-0.000 χ^2/NDF : 51126681569224617

In: 88.001+/-0.000 χ^2/NDF : 714089.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.062+/-0.000 χ^2/NDF : 51126681569224617

HWienAngle_mean vs Slug, Sign Corrected



Right In: -29.641+/-0.000 χ^2/NDF : 405045.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.641+/-0.000 χ^2/NDF : 29358.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

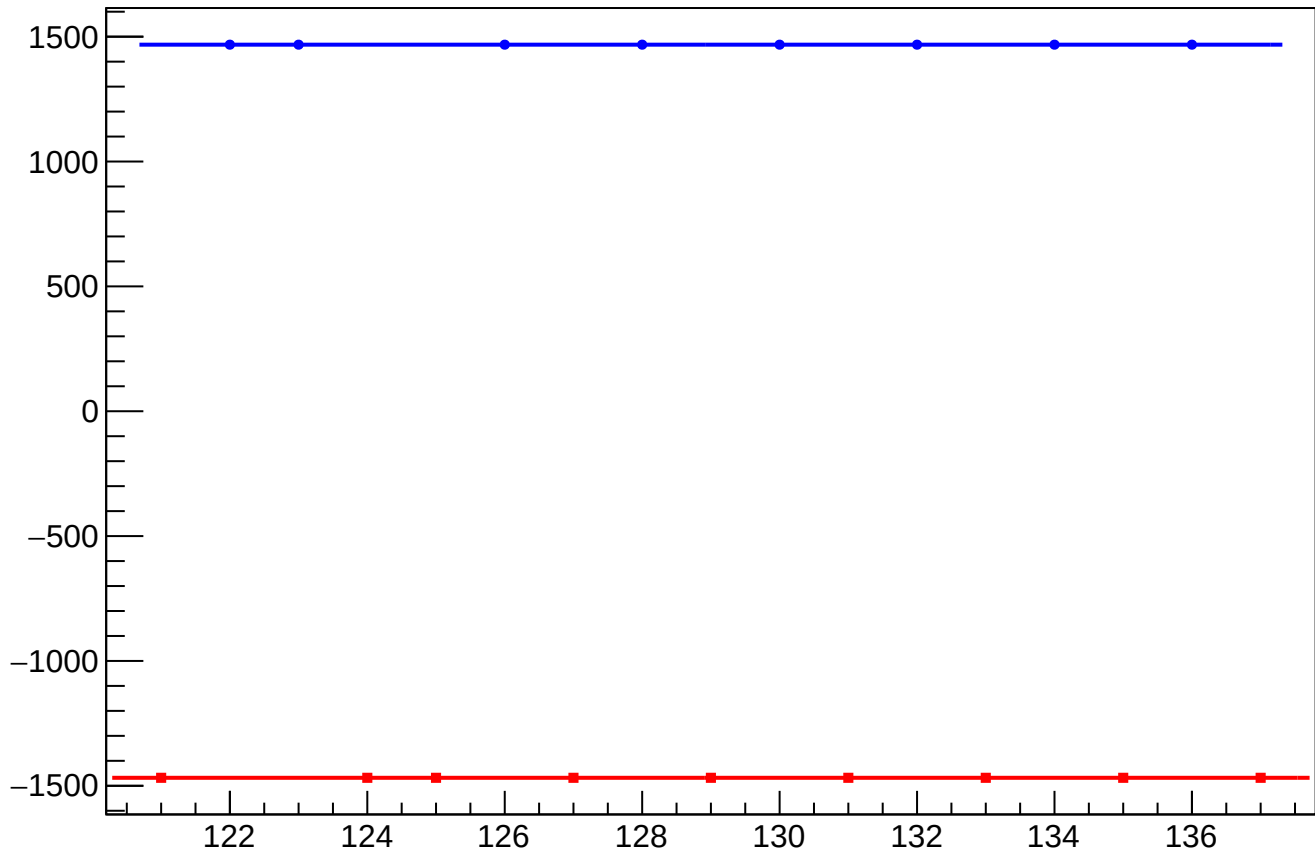
Right: -1.031+/-0.000 χ^2/NDF : 5800324943766944

In: -29.641+/-0.000 χ^2/NDF : 405045.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.031+/-0.000 χ^2/NDF : 5800324943766

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1467.979+/-0.000 χ^2/NDF : 436234375.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.979+/-0.000 χ^2/NDF : 83183350.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

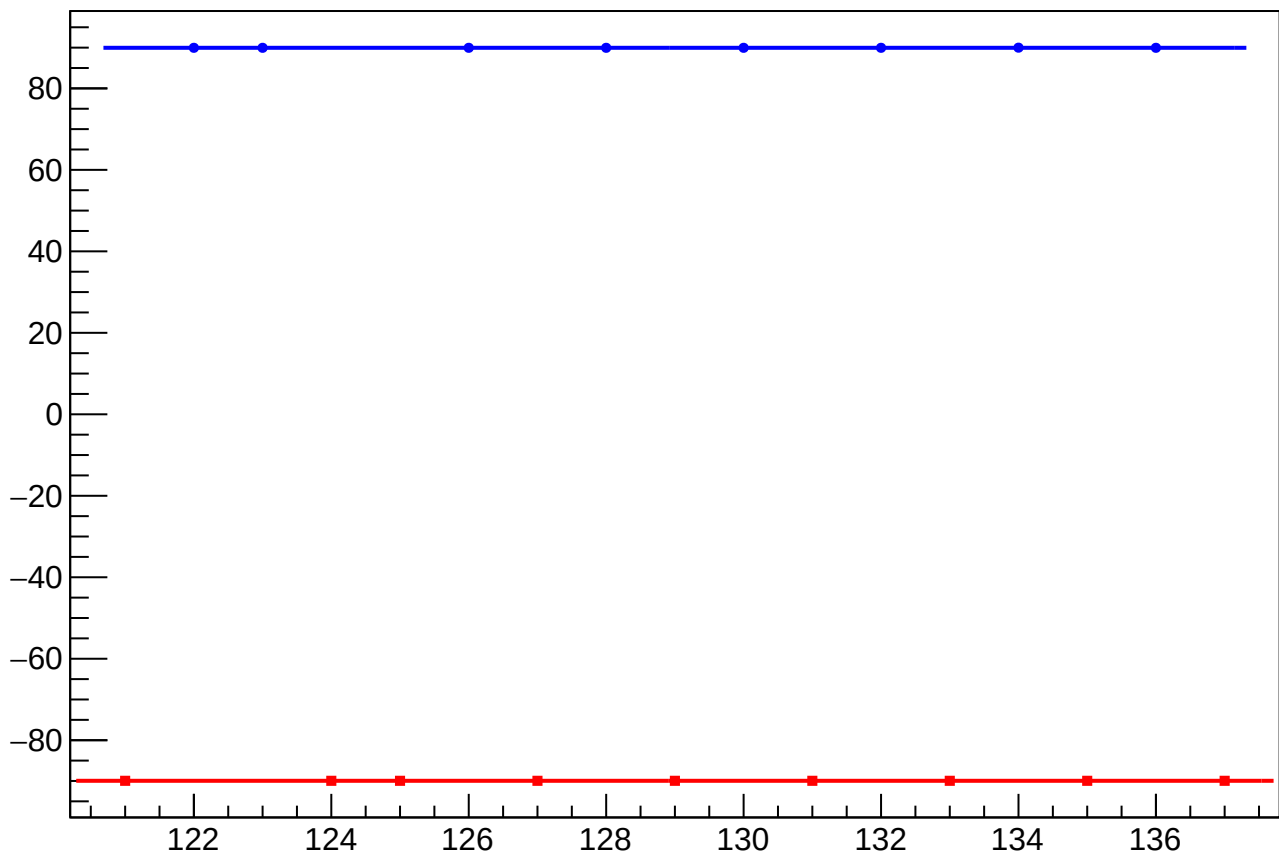
Right: 51.079+/-0.000 χ^2/NDF : 1422706063207371

In: 1467.979+/-0.000 χ^2/NDF : 436234375.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.079+/-0.000 χ^2/NDF : 1422706063207371

Phi_FG_mean vs Slug, Sign Corrected



Right In: 89.961+/-0.000 χ^2/NDF : 21528640598708602874349223936.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.959+/-0.000 χ^2/NDF : 331397.3/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

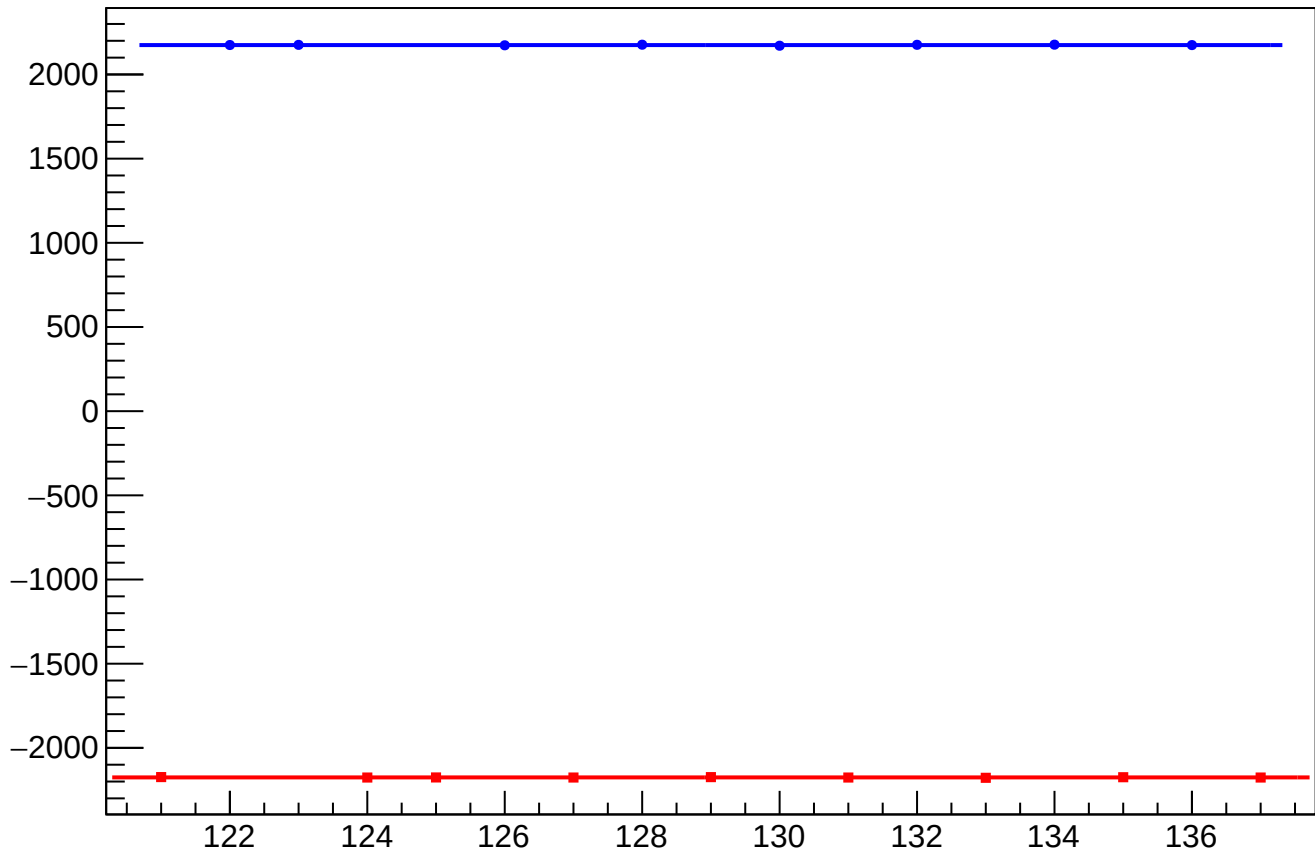
Right: 3.131+/-0.000 χ^2/NDF : 53429021948733419

In: 89.961+/-0.000 χ^2/NDF : 21528640598708602874349223936.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

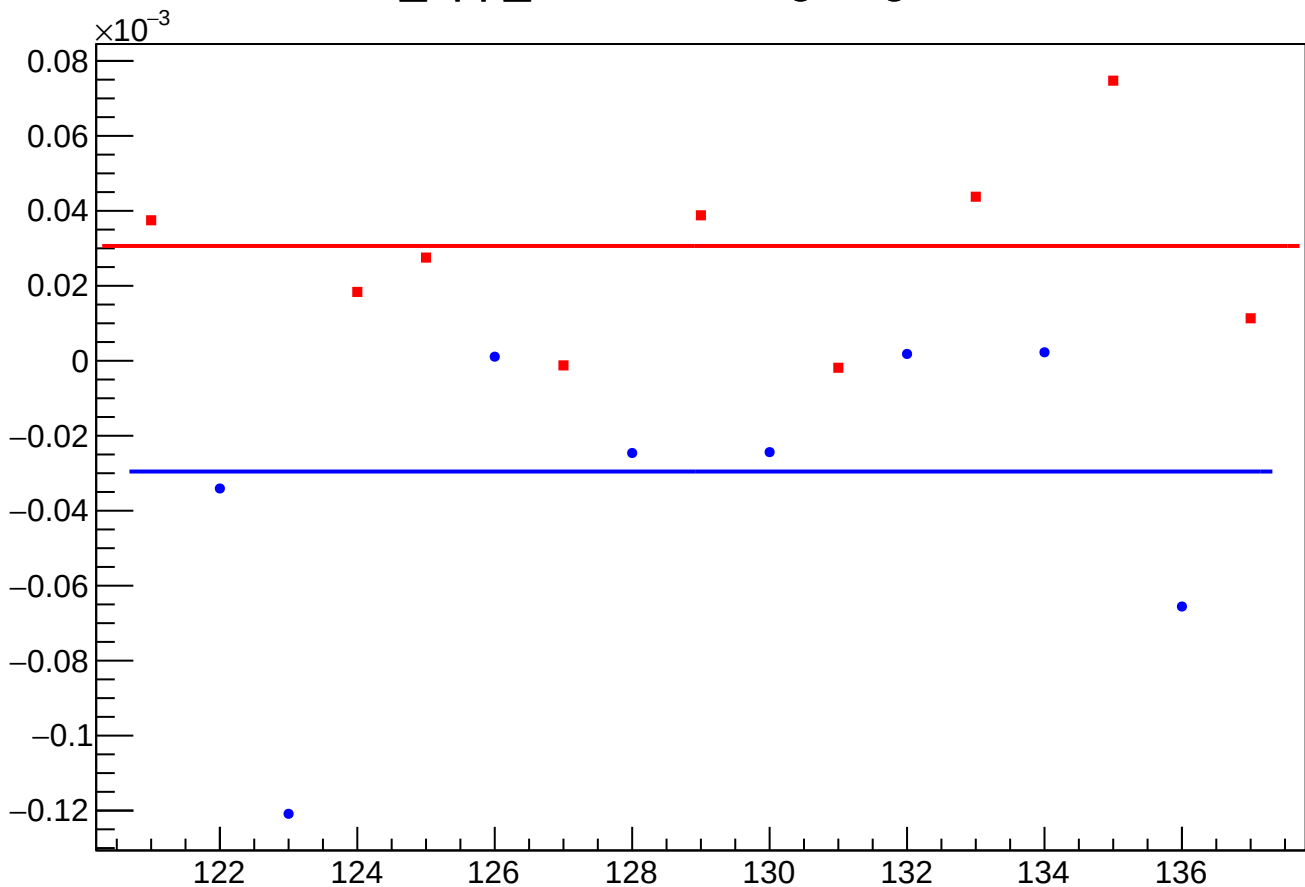
All: 3.131+/-0.000 χ^2/NDF : 53429021948733419

HALLA_p_mean vs Slug, Sign Corrected



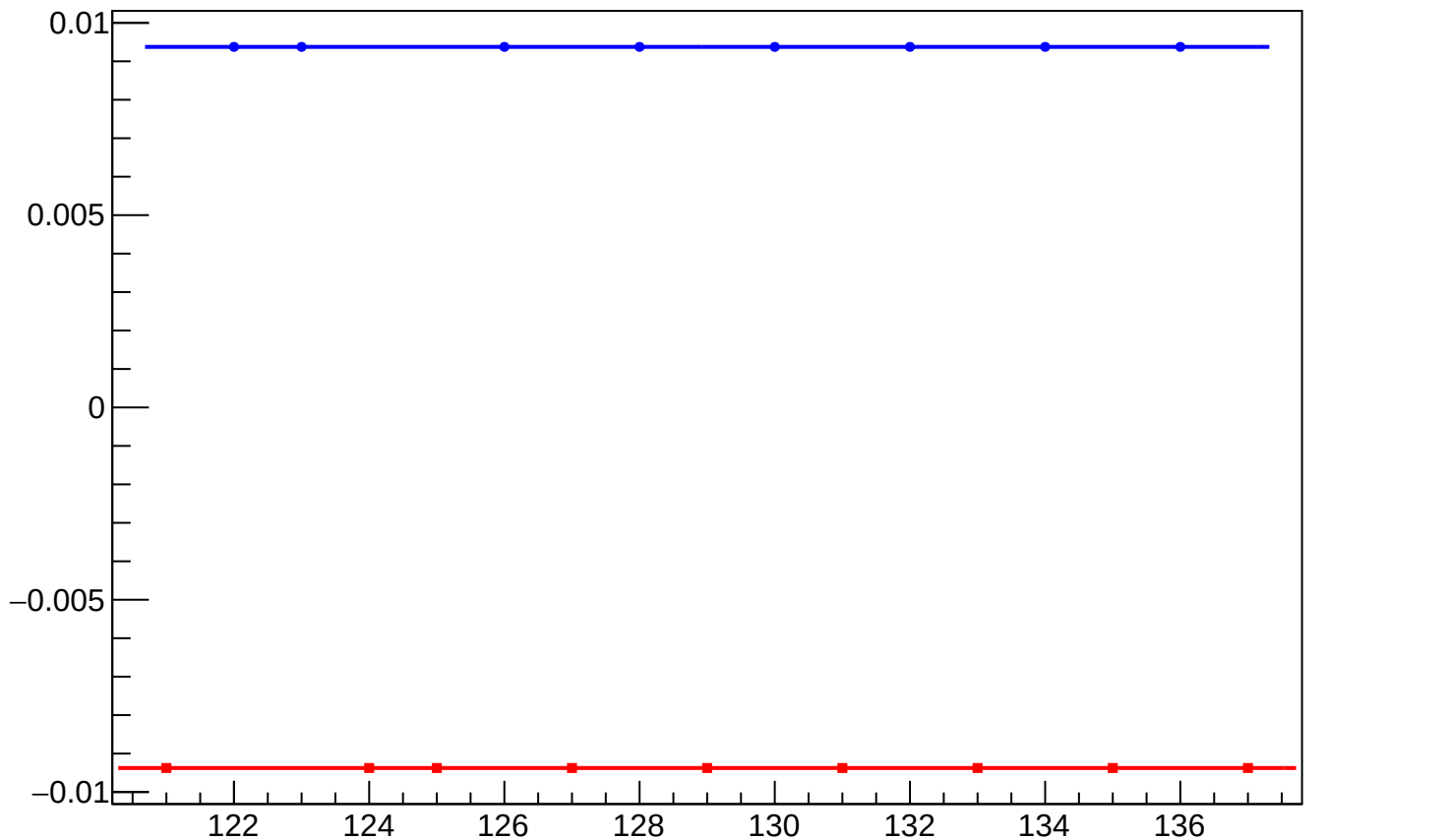
Right In: 2174.572+/-0.000 χ^2/NDF : 1360264074026849381407550448074752.0/7
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -2175.442+/-0.000 χ^2/NDF : 610778445075790556034346524868608.0/8
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 75.246+/-0.000 χ^2/NDF : 3123179758766980

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 250161267307815387529216.0/7$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: -0.000 ± 0.000 $\chi^2/\text{NDF}: 1044577663810456$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 196732771178766734983168.0/8$ In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 250161267307815387$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 1044577663810$

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

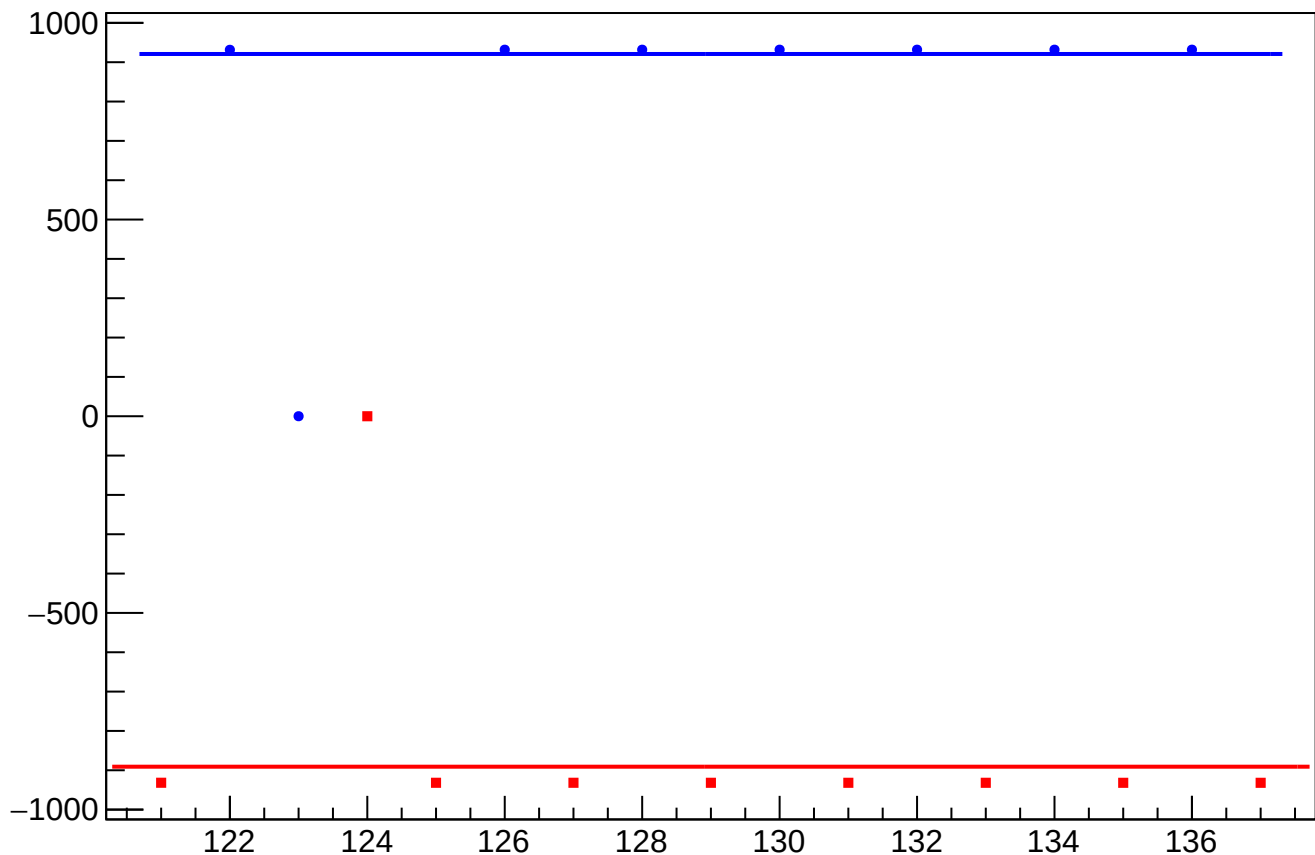
Right: 0.000+/-0.000 χ^2/NDF : 58025364031769994

In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

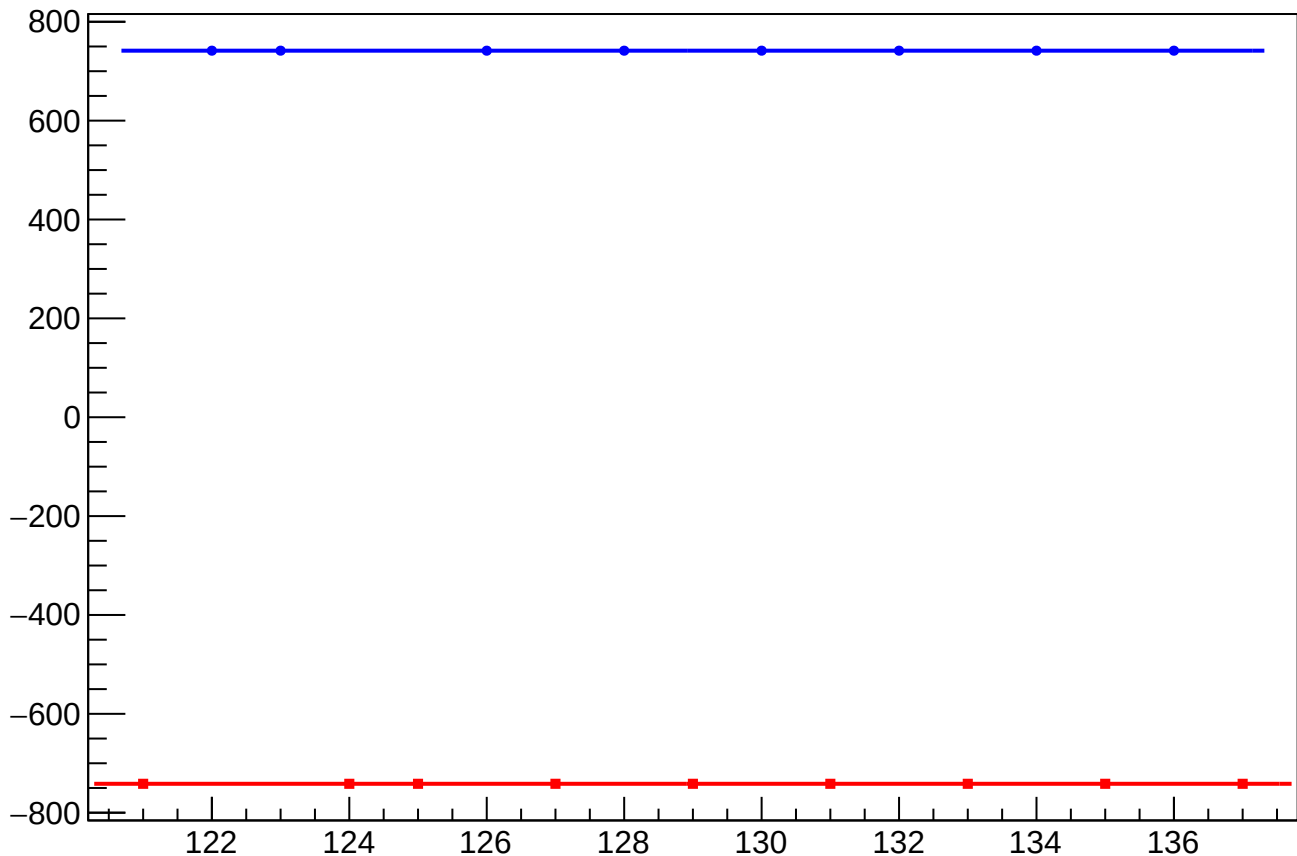
All: 0.000+/-0.000 χ^2/NDF : 58025364031769994

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



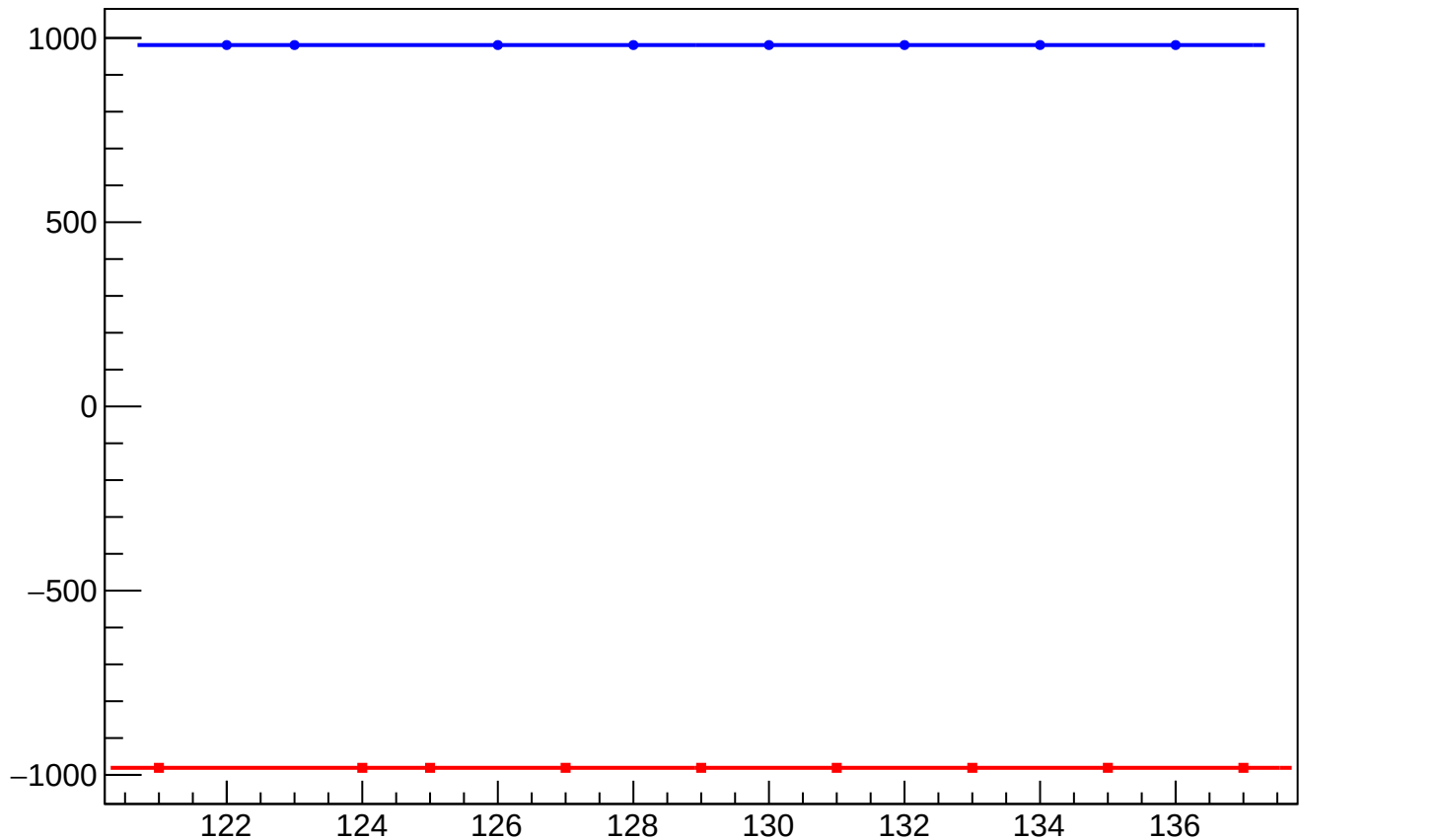
Right In: 920.898+/-0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -890.923+/-0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 46.509+/-0.000 χ^2/NDF : 5568625454904034

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



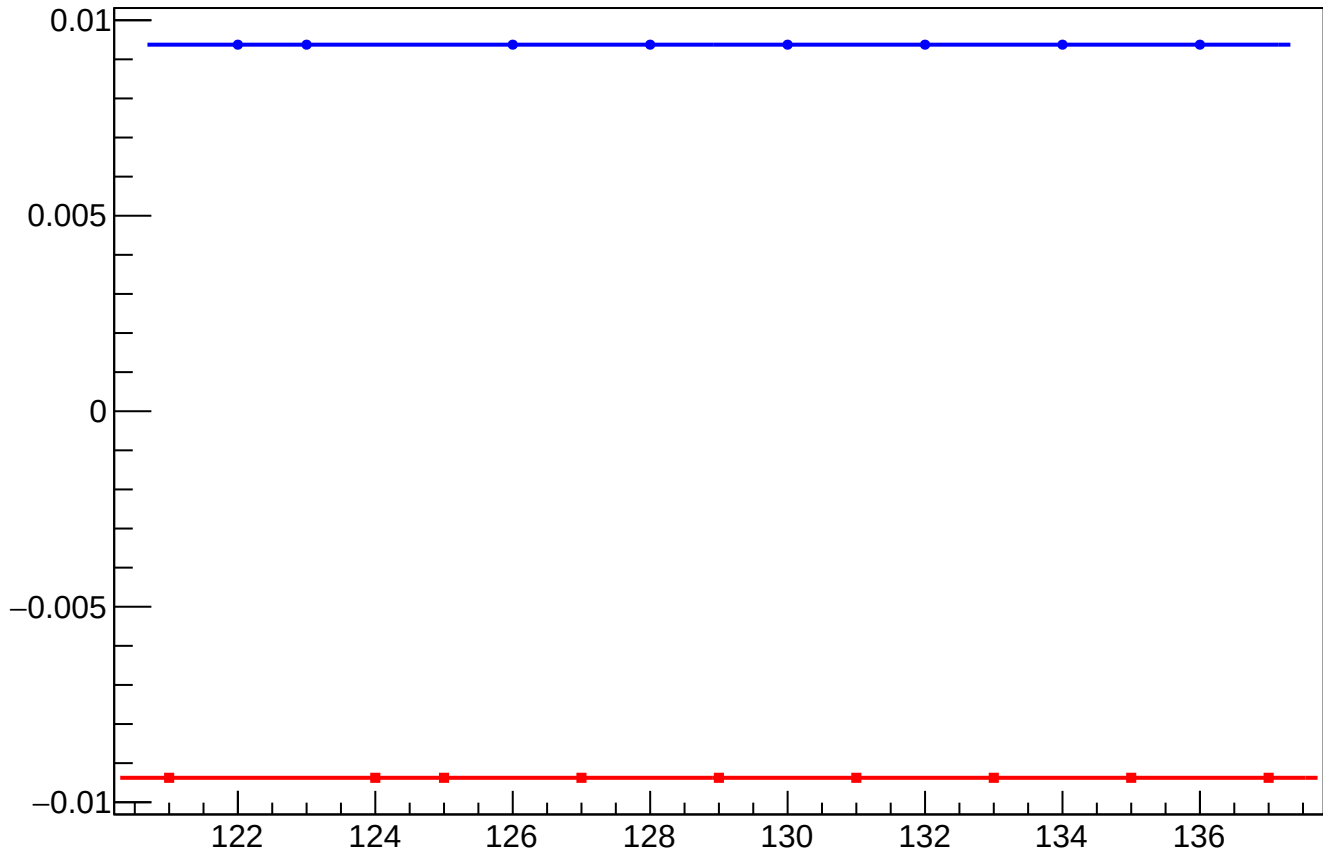
Right In: 741.528+/-0.000 χ^2/NDF : 18896144326732419810052800512.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.529+/-0.000 χ^2/NDF : 16580353917842624420385914880.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 25.802+/-0.000 χ^2/NDF : 3630199450079866

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.825+/-0.000 χ^2/NDF : 159345321268745350954763681792.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.818+/-0.000 χ^2/NDF : 143689912167528137563261894656.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 34.132+/-0.000 χ^2/NDF : 6351195317188543

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

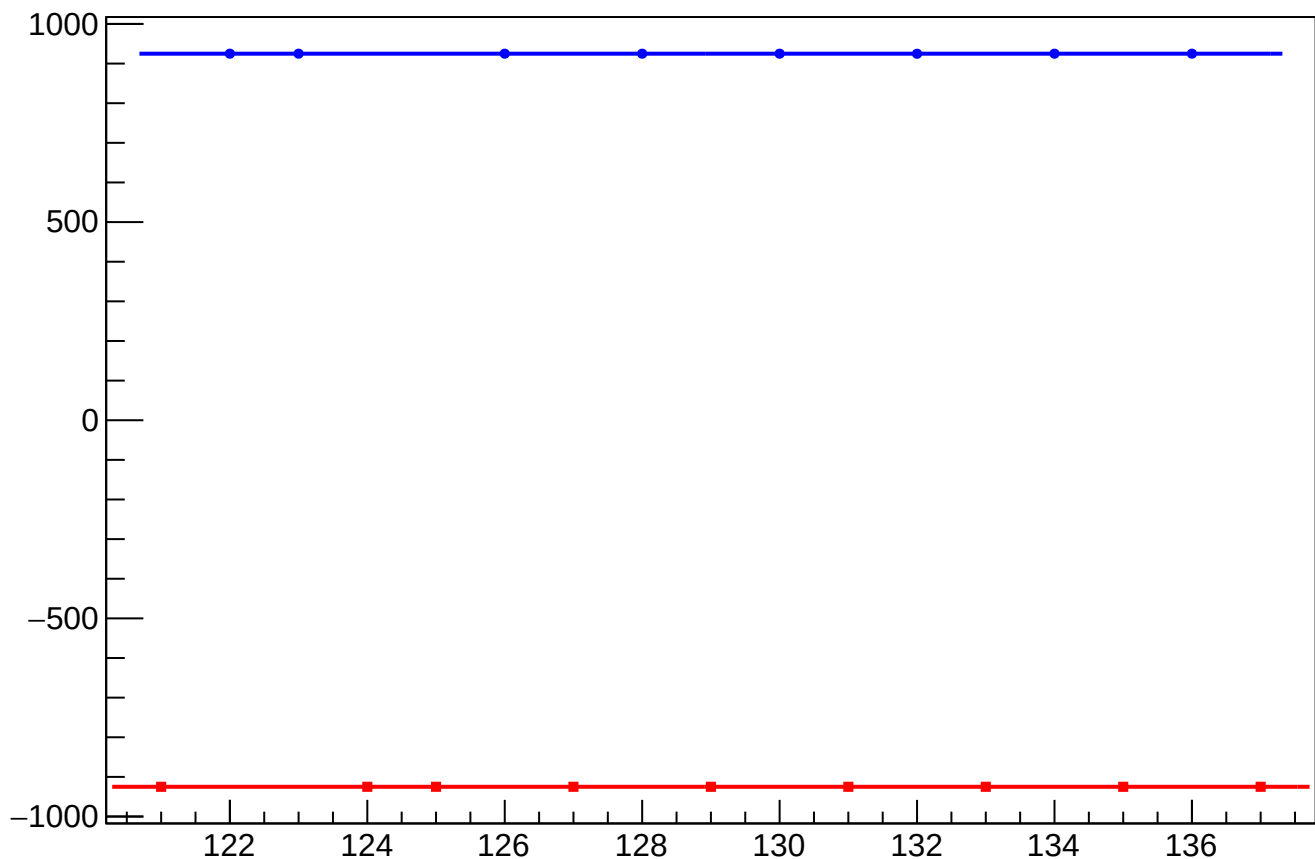
Right: 0.000+/-0.000 χ^2/NDF : 58025364031769994

In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

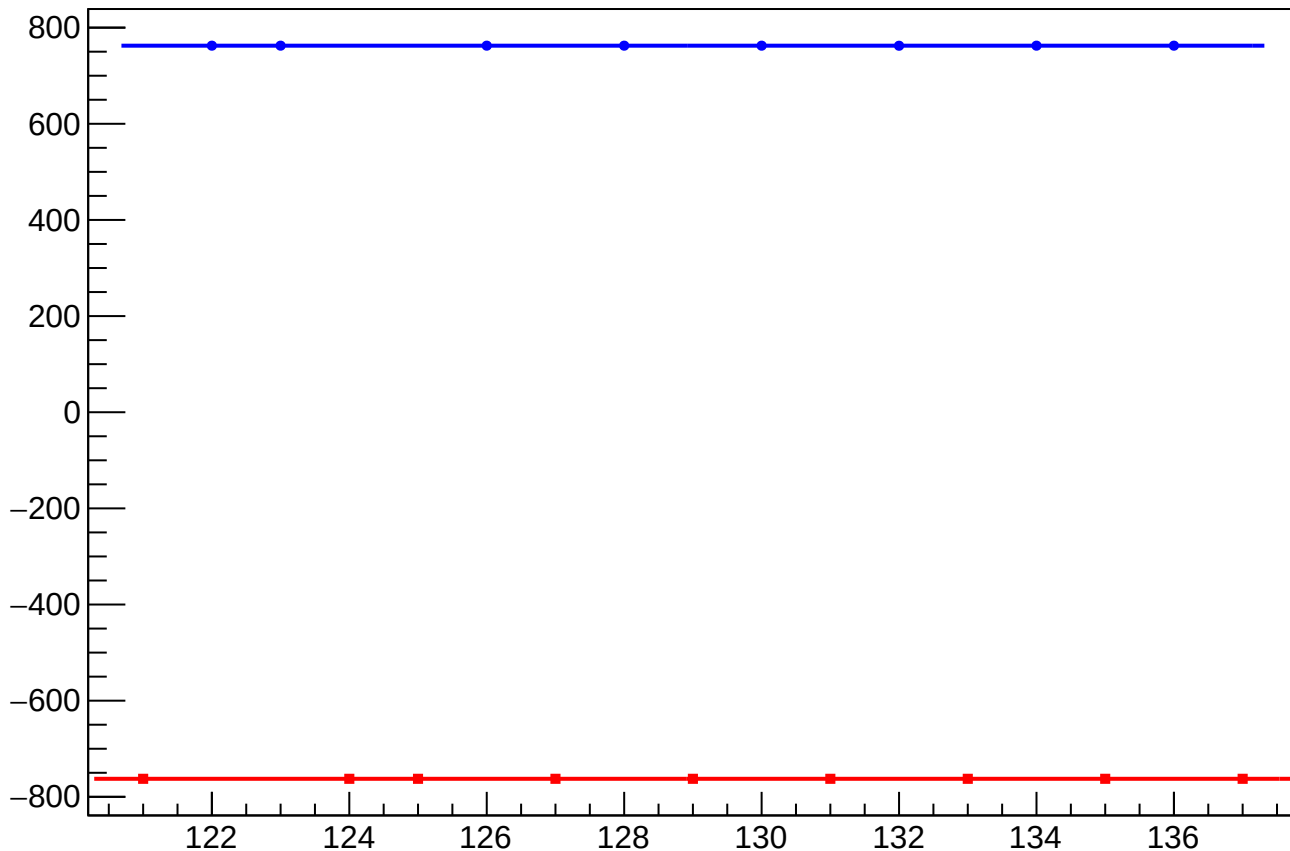
All: 0.000+/-0.000 χ^2/NDF : 58025364031769994

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



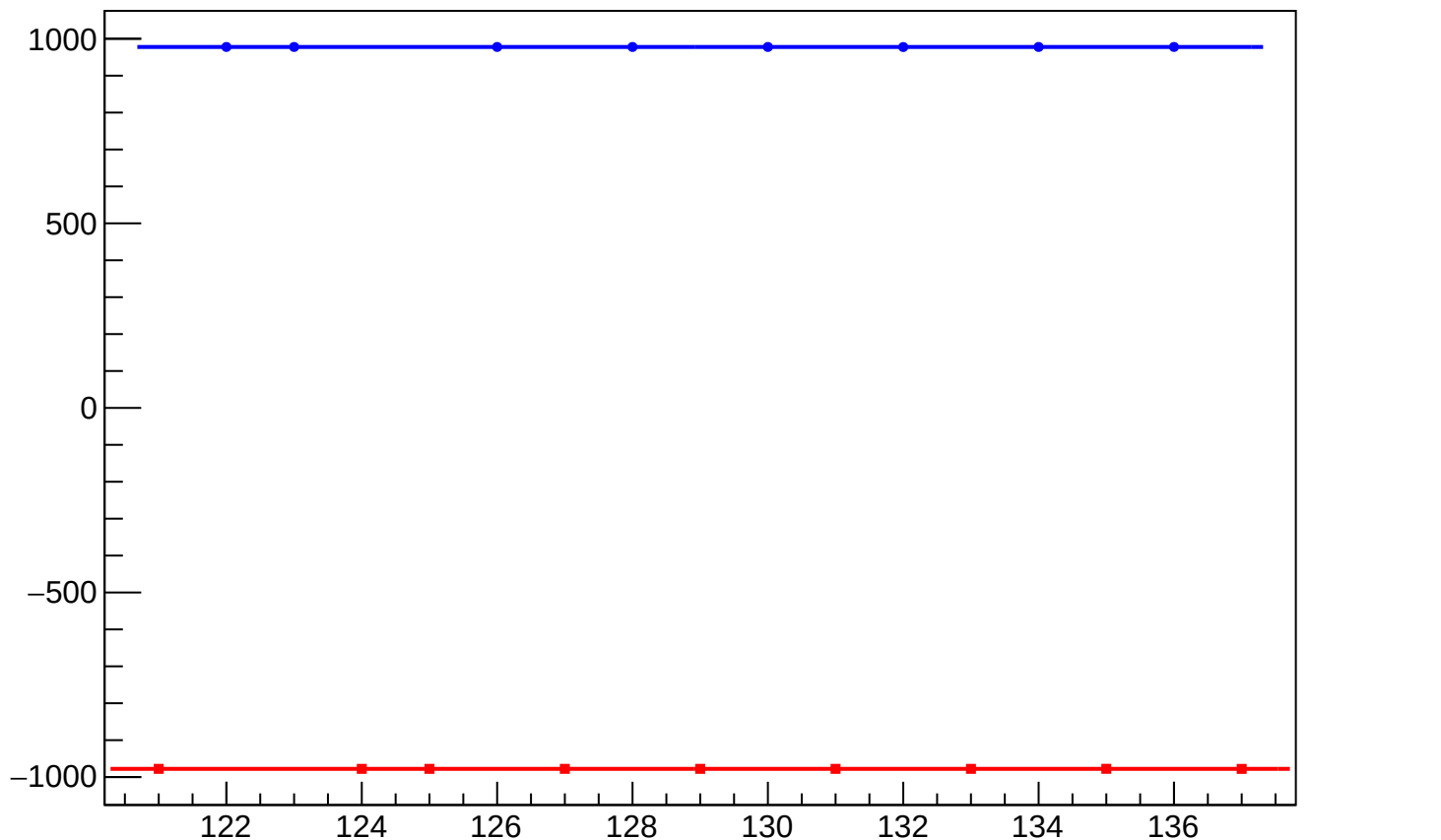
Right In: 924.939+/-0.000	χ^2/NDF : 1401458495809517406218388242432.0/7	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 32.175+/-0.000	χ^2/NDF : 5648201825061875
Right Out: -924.957+/-0.000	χ^2/NDF : 71808709366506786060310151168.0/8	In: 924.939+/-0.000	χ^2/NDF : 1401458495809517406218388242432.0/7
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 32.175+/-0.000	χ^2/NDF : 5648201825061875

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



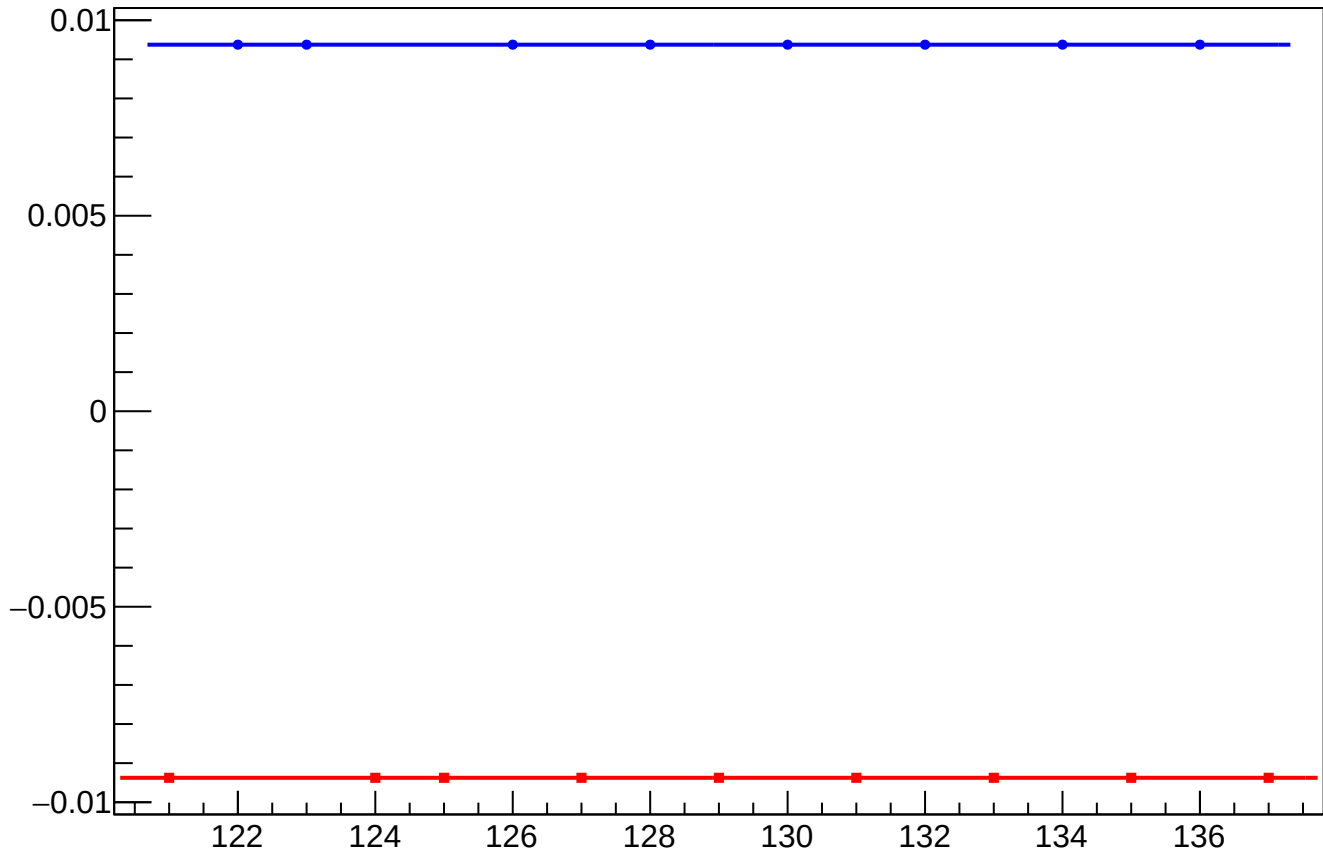
Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 26.523+/-0.000 χ^2/NDF : 3838365691051738

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.741+/-0.000 χ^2/NDF : 1738104571804792841781326643200.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.737+/-0.000 χ^2/NDF : 772313054358211830610902646784.0/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 34.023+/-0.000 χ^2/NDF : 6311333196839596

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

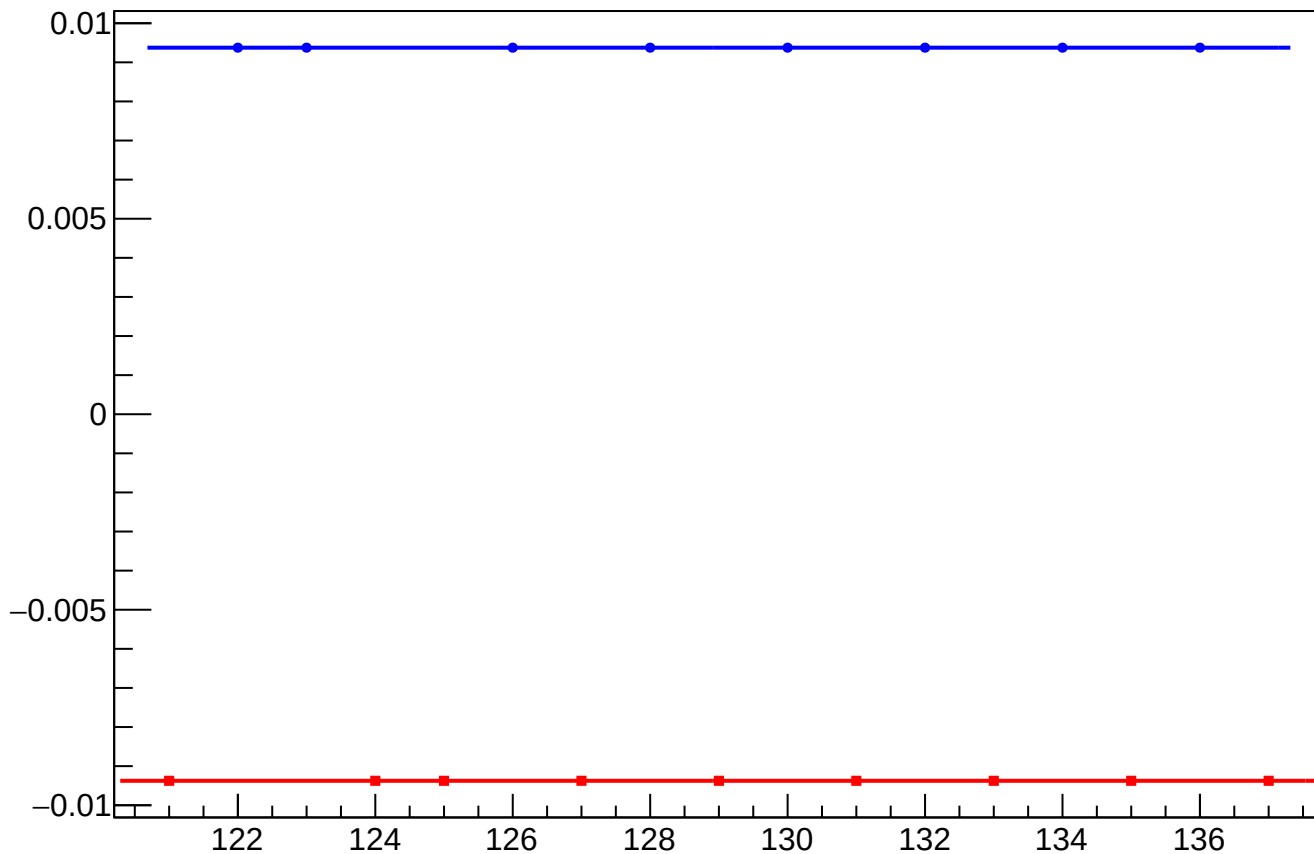
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 58025364031769994

In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 58025364031769

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

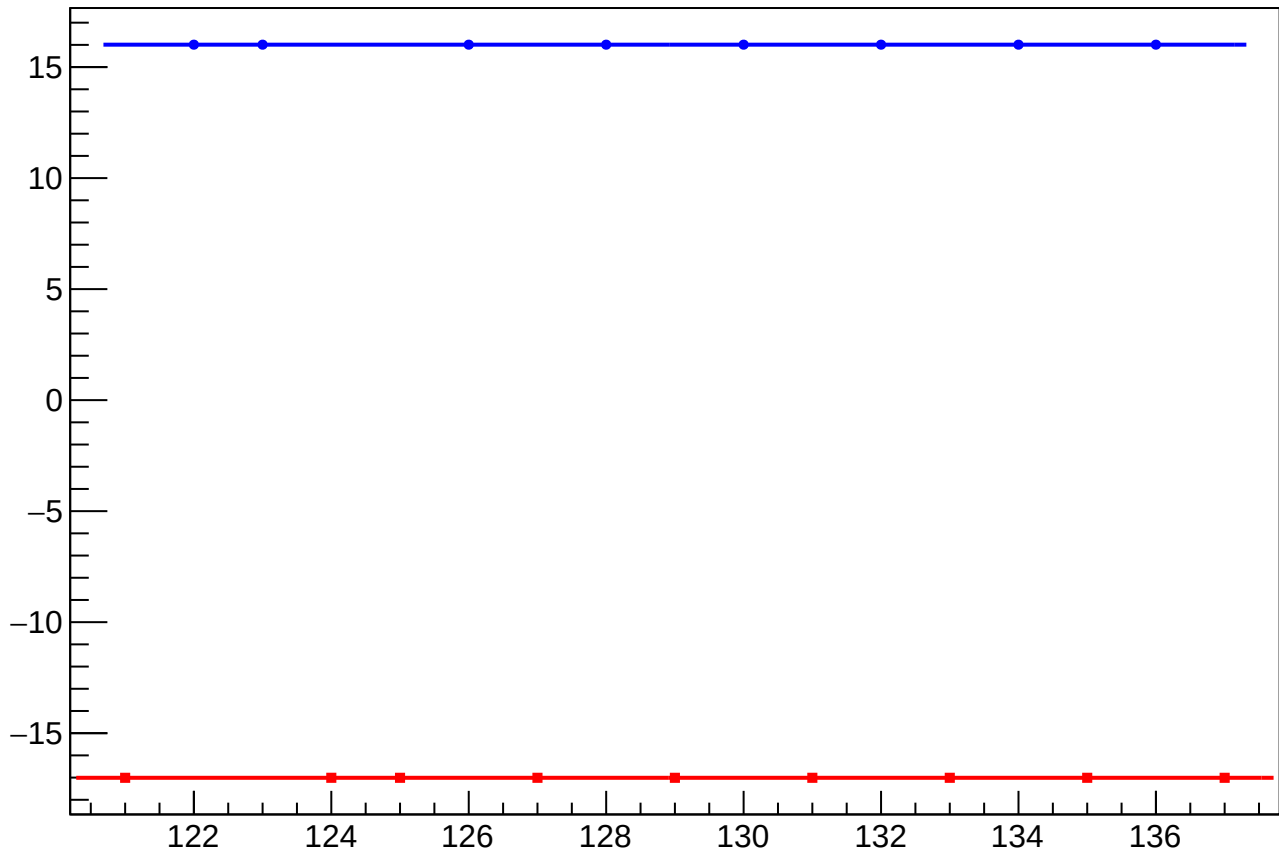
Right: 0.000+/-0.000 χ^2/NDF : 58025364031769994

In: 0.009+/-0.000 χ^2/NDF :0.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 58025364031769

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 30506.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 8333578329558812540796928.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

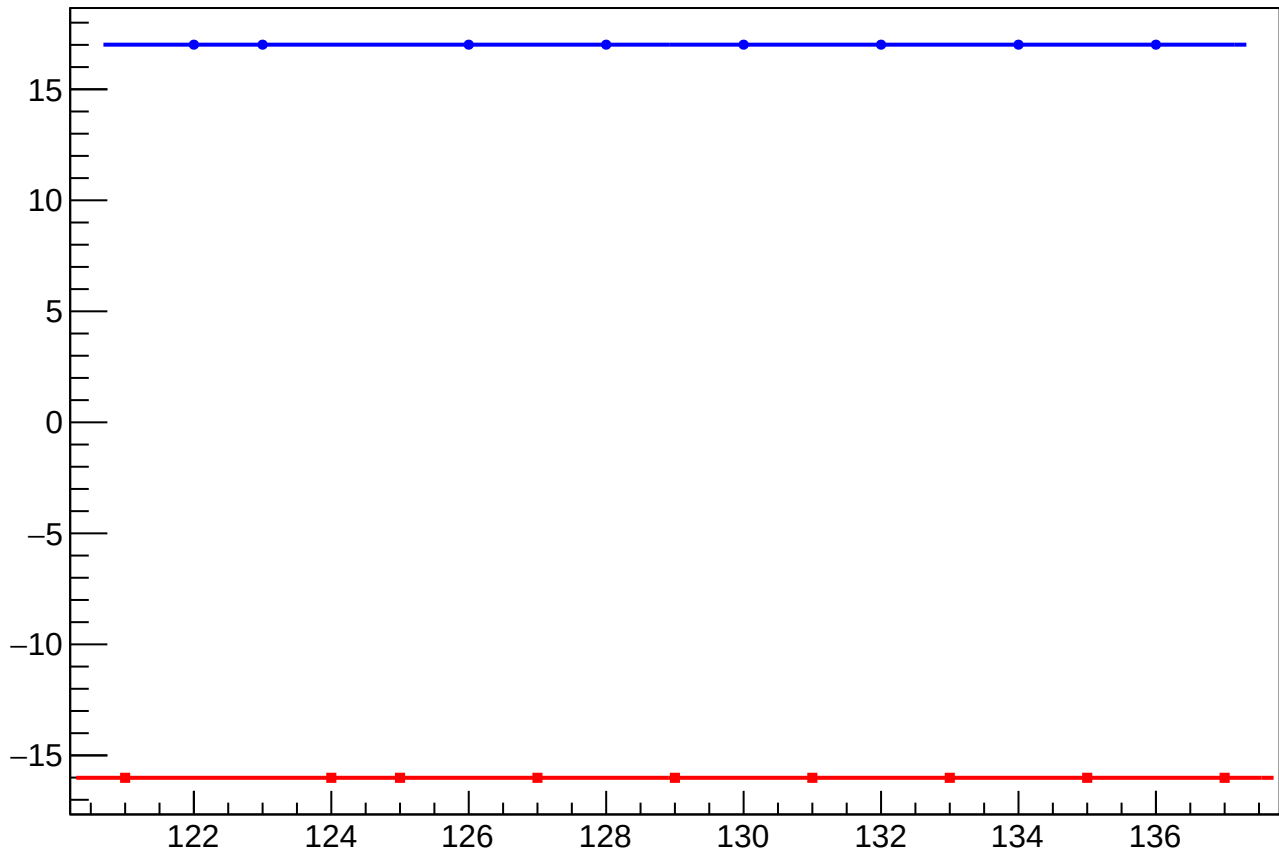
Right: -0.126+/-0.000 χ^2/NDF : 1683539334964133

In: 16.009+/-0.000 χ^2/NDF : 30506.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.126+/-0.000 χ^2/NDF : 1683539334964

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 76109.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 17859.8/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

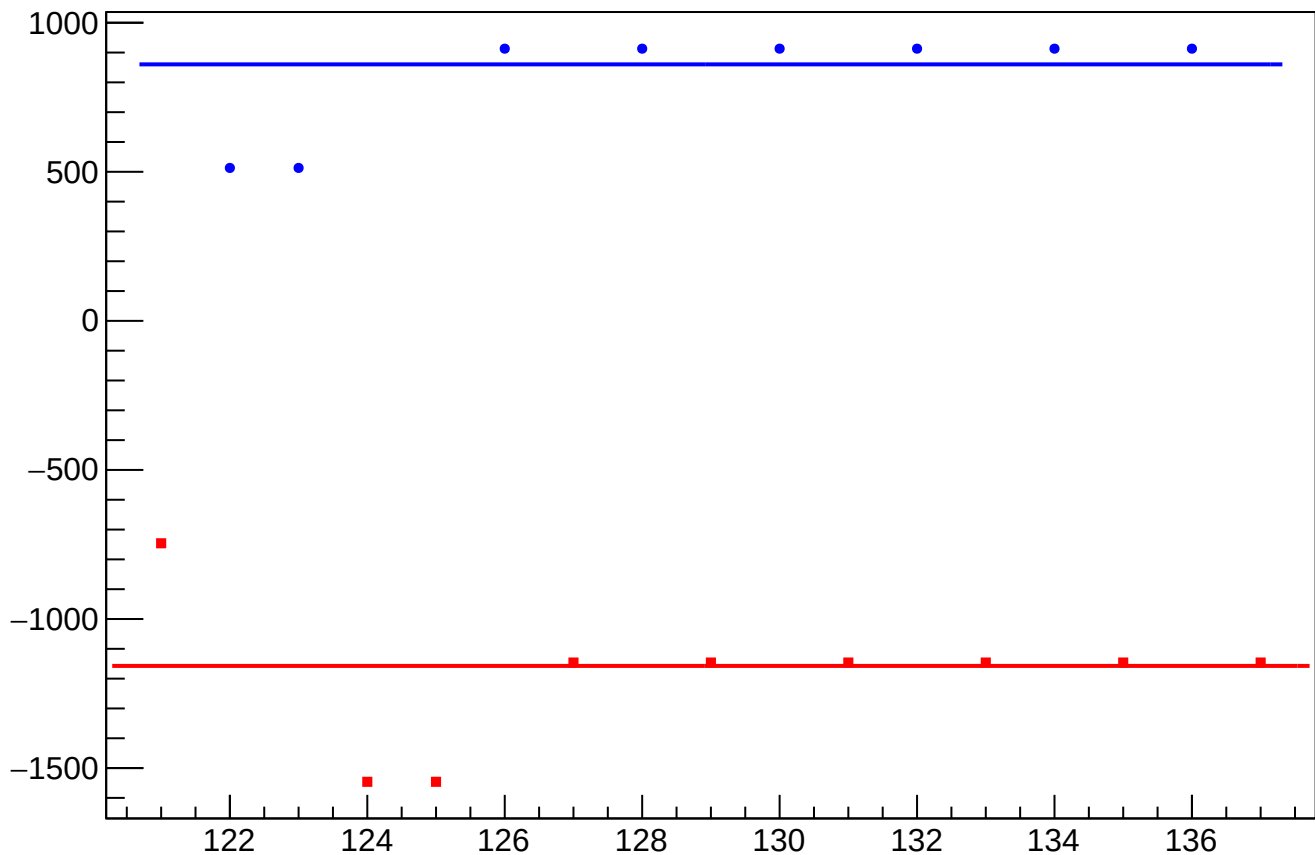
Right: 1.074+/-0.000 χ^2/NDF : 17994367493156690

In: 17.009+/-0.000 χ^2/NDF : 76109.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.074+/-0.000 χ^2/NDF : 17994367493156690

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

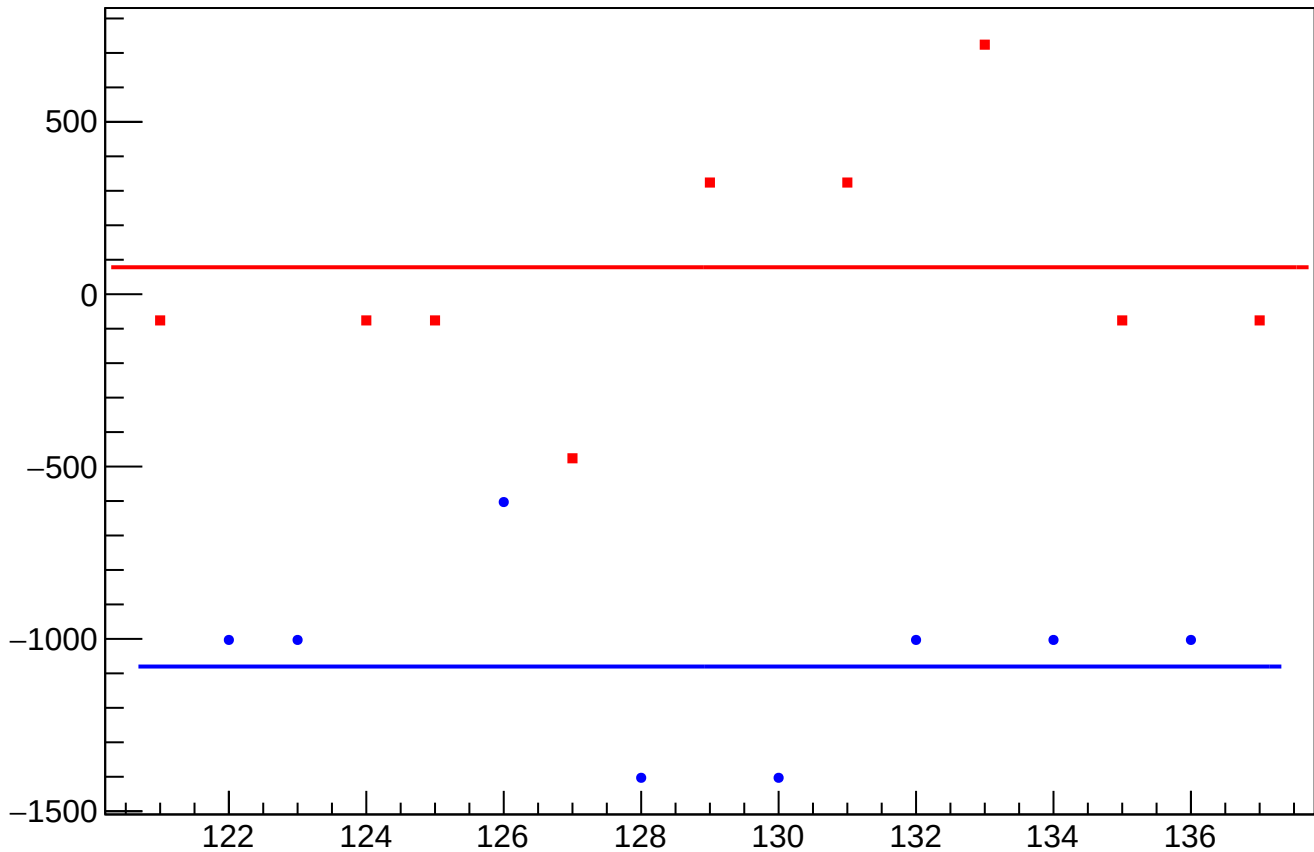
Right: -113.364+/-0.000 χ^2/NDF : 69204021310114

In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.364+/-0.000 χ^2/NDF : 69204021310114

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1080.182+/-0.000 χ^2/NDF : 21641787691490496475350584298794123264.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -521.133+/-0.000 χ^2/NDF : 28273431193063
 In: -1080.182+/-0.000 χ^2/NDF : 216417876914904
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -521.133+/-0.000 χ^2/NDF : 28273431193