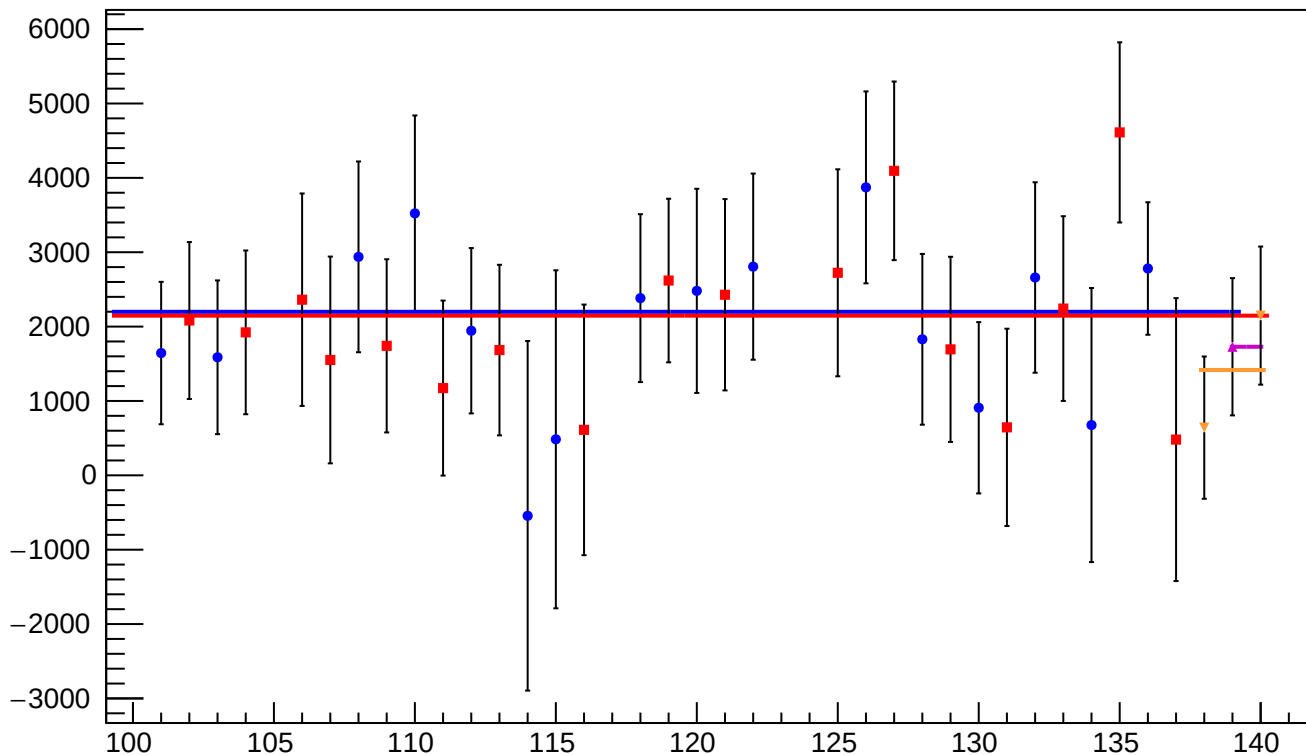


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1416.875+/-666.256

Right Out: 2147.149+/-304.804

Left In: 1728.860+/-922.741

χ^2/NDF : 8.6/15

χ^2/NDF : 1.3/1

χ^2/NDF : 11.4/16

χ^2/NDF : 0.0/0

Left: 1523.788+/-540.167

Right: 2172.848+/-216.219

In: 2152.101+/-291.101

Out: 2020.759+/-277.175

All: 2083.214+/-200.735

χ^2/NDF : 1.4/2

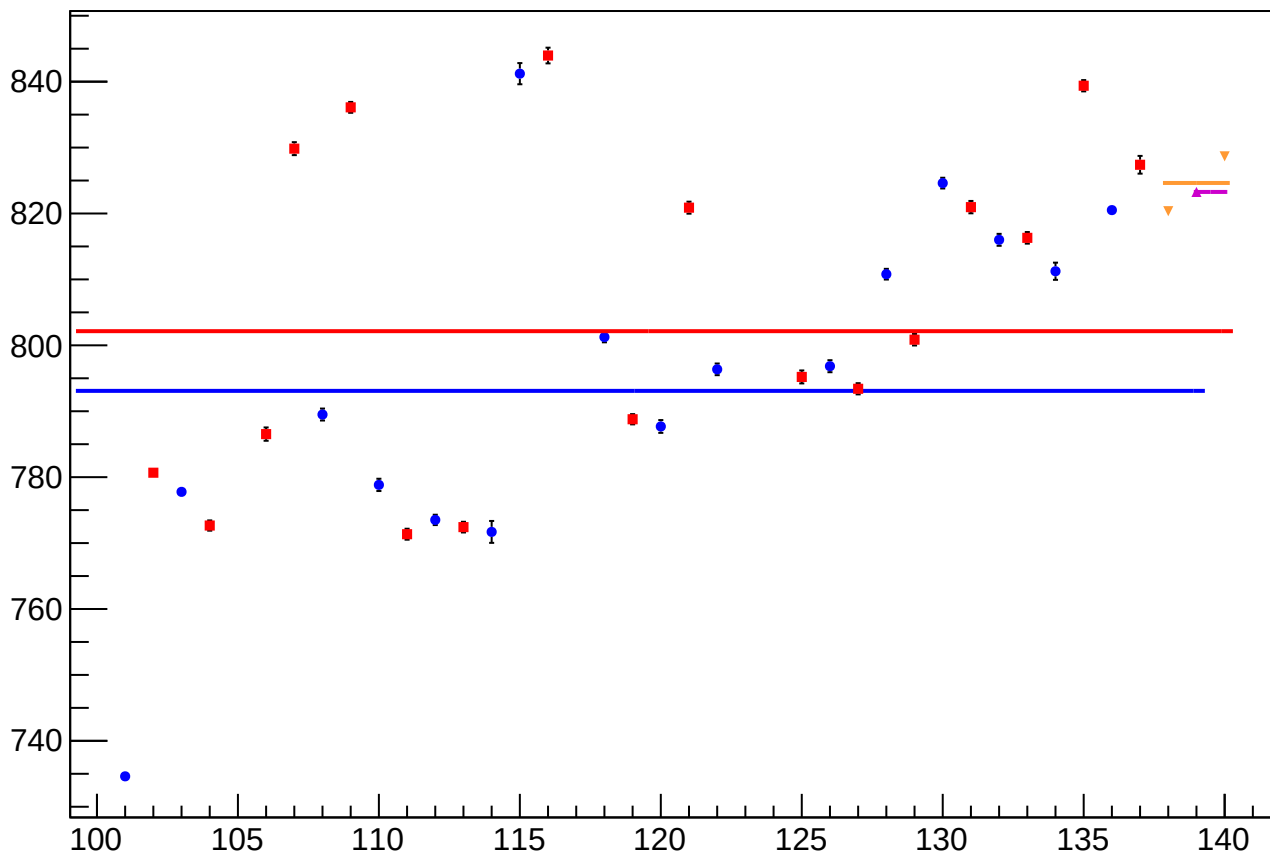
χ^2/NDF : 20.0/32

χ^2/NDF : 8.8/16

χ^2/NDF : 13.7/18

χ^2/NDF : 22.6/35

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2 /NDF: 14703.0/15

Left Out: 824.632 $\pm$ 0.471 χ^2 /NDF:77.9/1

Right Out: 802.148 $\pm$ 0.216 χ^2 /NDF: 12723.5/16

Left In: 823.270 $\pm$ 0.652 χ^2 /NDF:0.0/0

Left: 824.165 $\pm$ 0.382 χ^2 /NDF: 80.8/2

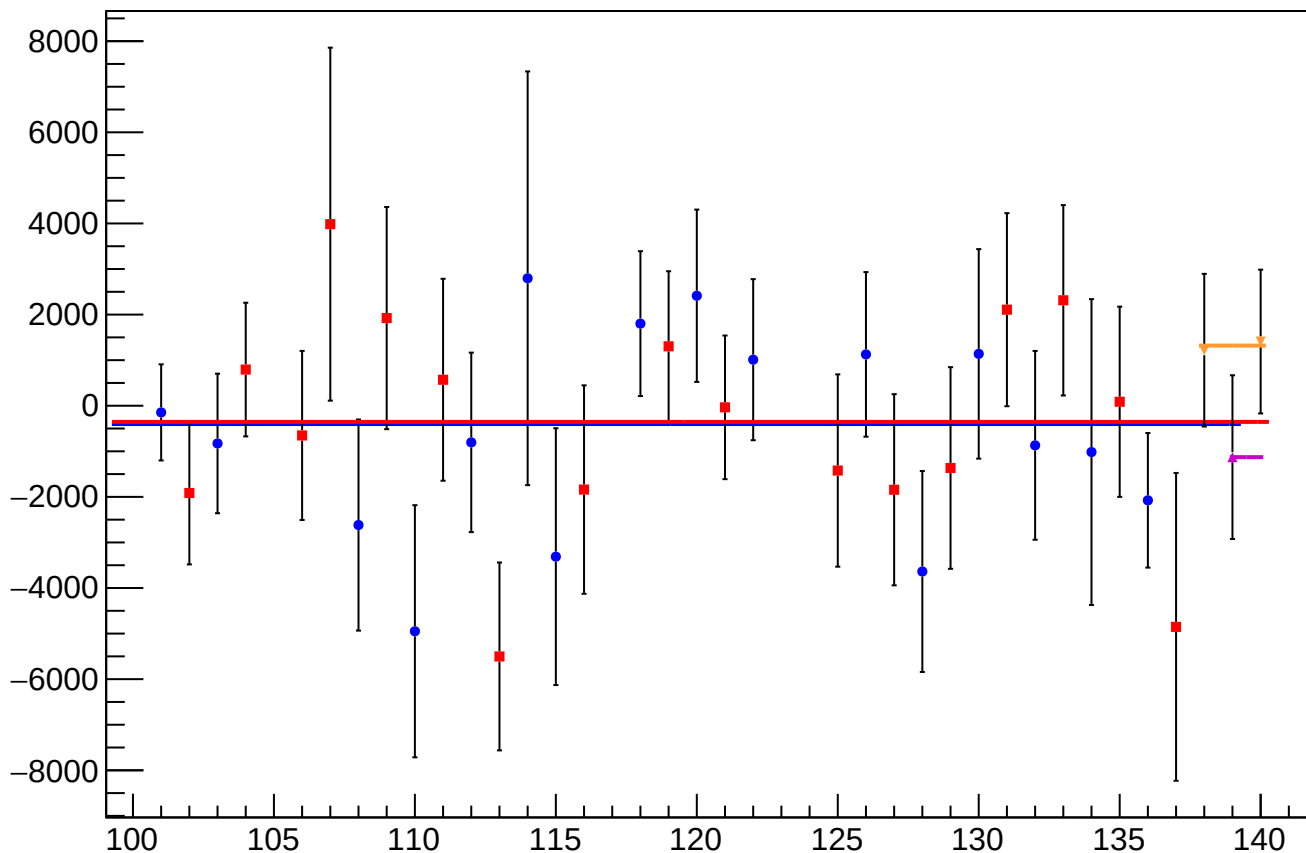
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 796.094 $\pm$ 0.206 χ^2 /NDF:16629.5/16

Out: 806.039 $\pm$ 0.196 χ^2 /NDF:14685.0/18

All: 801.310 $\pm$ 0.142 χ^2 /NDF: 32538.7/35

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: 1319.300+/-1148.356 χ^2/NDF : 0.0/1

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: -1128.157+/-1796.438 χ^2/NDF : 0.0/0

Left: 609.317+/-967.561 χ^2/NDF : 1.3/2

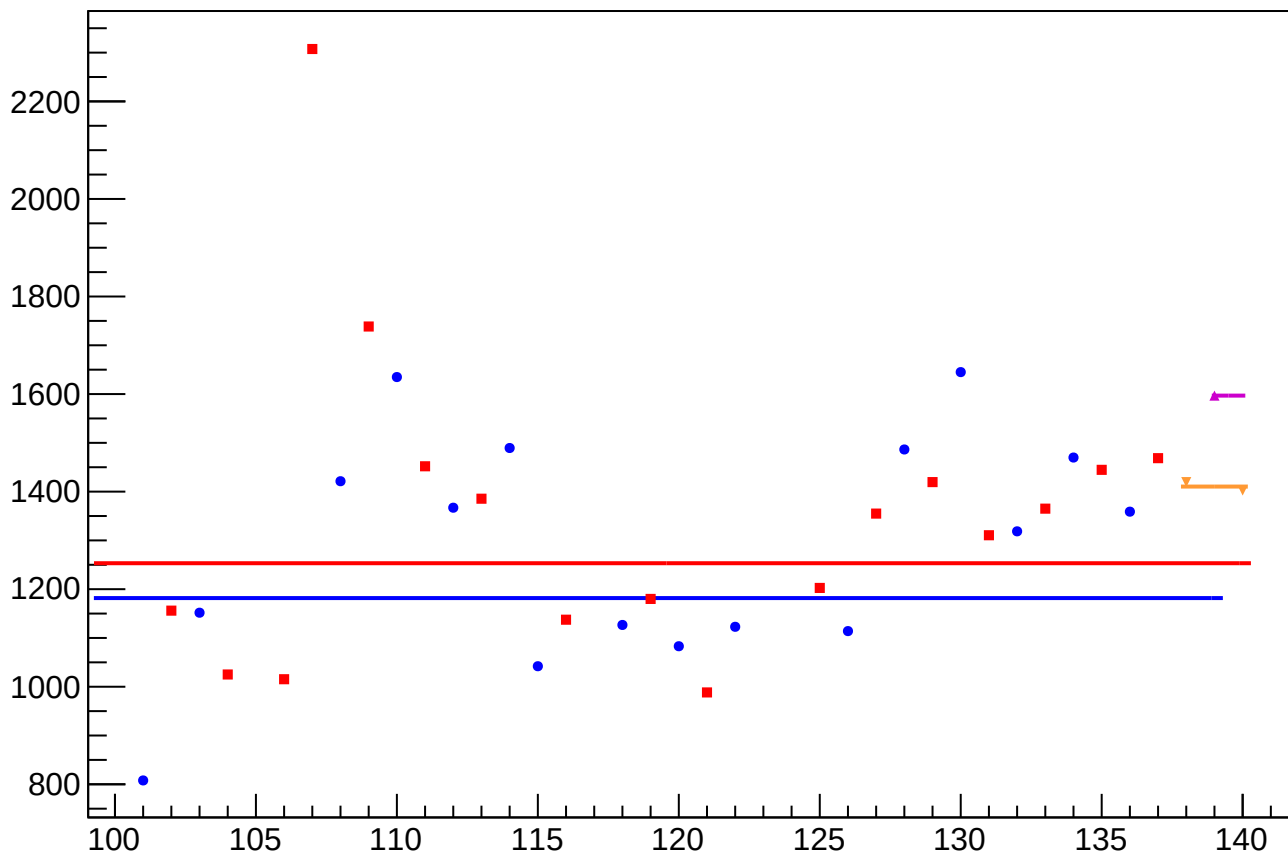
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -447.773+/-453.490 χ^2/NDF : 15.0/16

Out: -99.748+/-447.978 χ^2/NDF : 19.2/18

All: -271.632+/-318.699 χ^2/NDF : 34.5/35

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1410.373+/-0.812 χ^2/NDF : 111.8/1

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1596.832+/-1.270 χ^2/NDF : 0.0/0

Left: 1464.463+/-0.684 χ^2/NDF : 15407.8/2

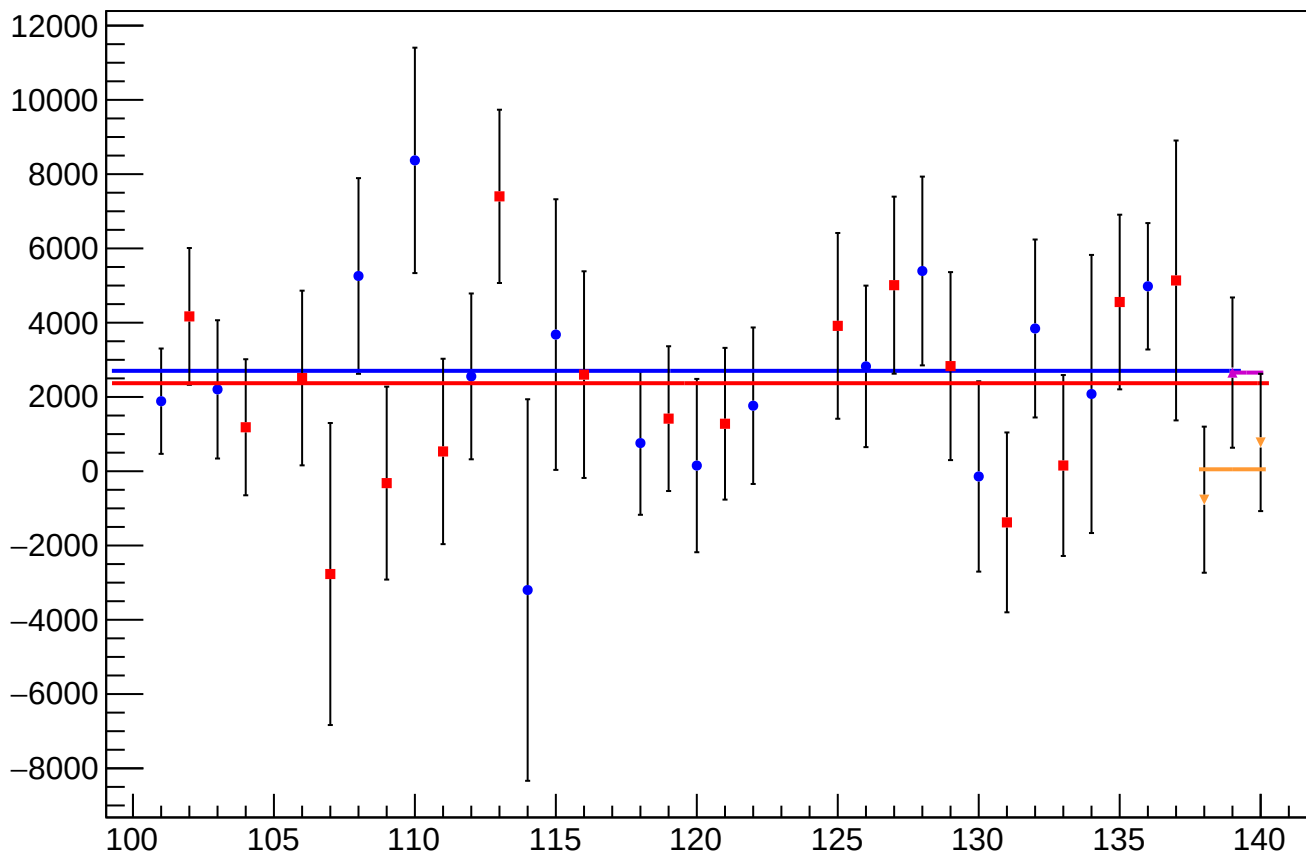
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1208.217+/-0.321 χ^2/NDF : 643456.9/16

Out: 1277.137+/-0.317 χ^2/NDF : 487507.4/18

All: 1243.098+/-0.225 χ^2/NDF : 1154343.5/35

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 52.218+/-1347.118 χ^2/NDF : 0.3/1

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 2656.060+/-2023.386 χ^2/NDF : 0.0/0

Left: 851.915+/-1121.331 χ^2/NDF : 1.5/2

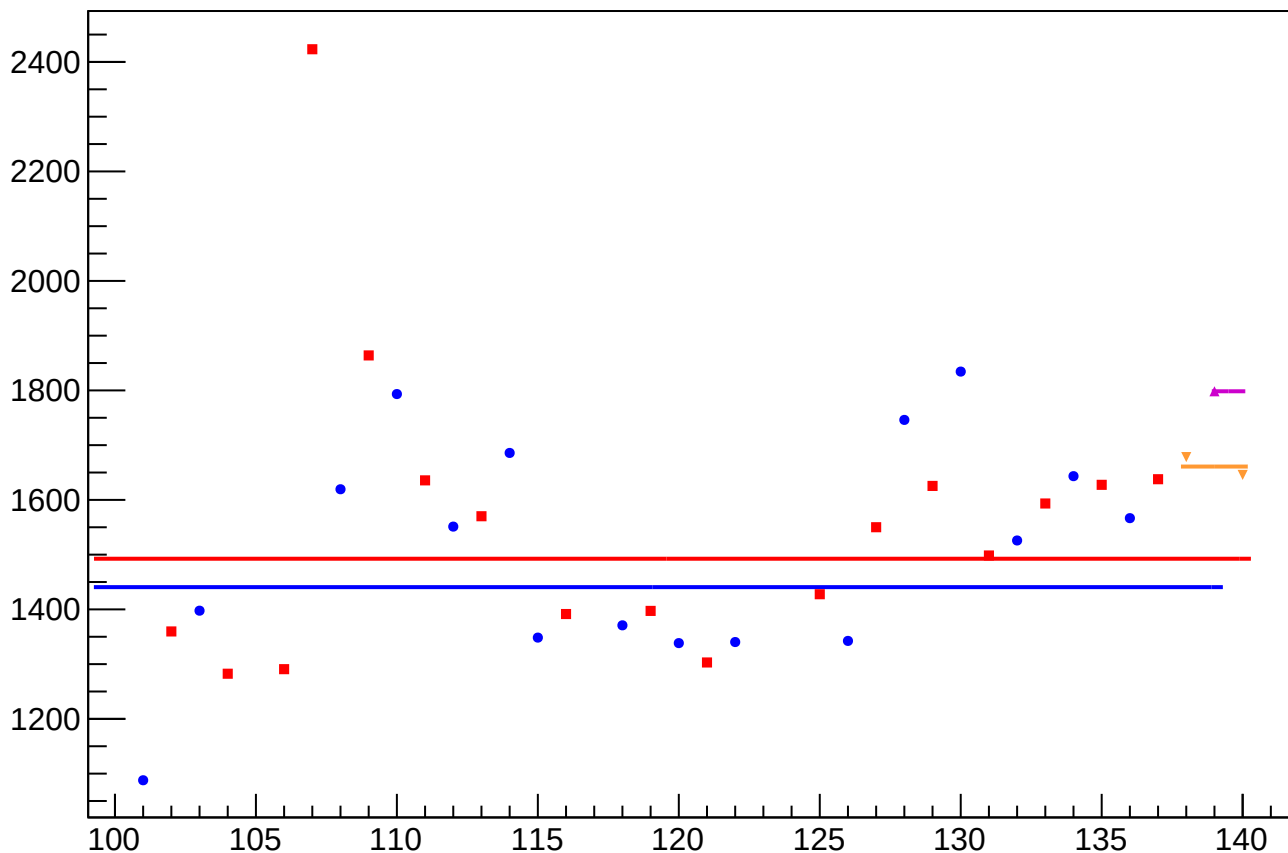
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 2700.249+/-543.741 χ^2/NDF : 13.0/16

Out: 2014.919+/-527.657 χ^2/NDF : 18.9/18

All: 2347.299+/-378.668 χ^2/NDF : 32.7/35

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1660.906+/-0.953 χ^2/NDF : 291.1/1

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1798.410+/-1.431 χ^2/NDF : 0.0/0

Left: 1703.136+/-0.793 χ^2/NDF : 6690.8/2

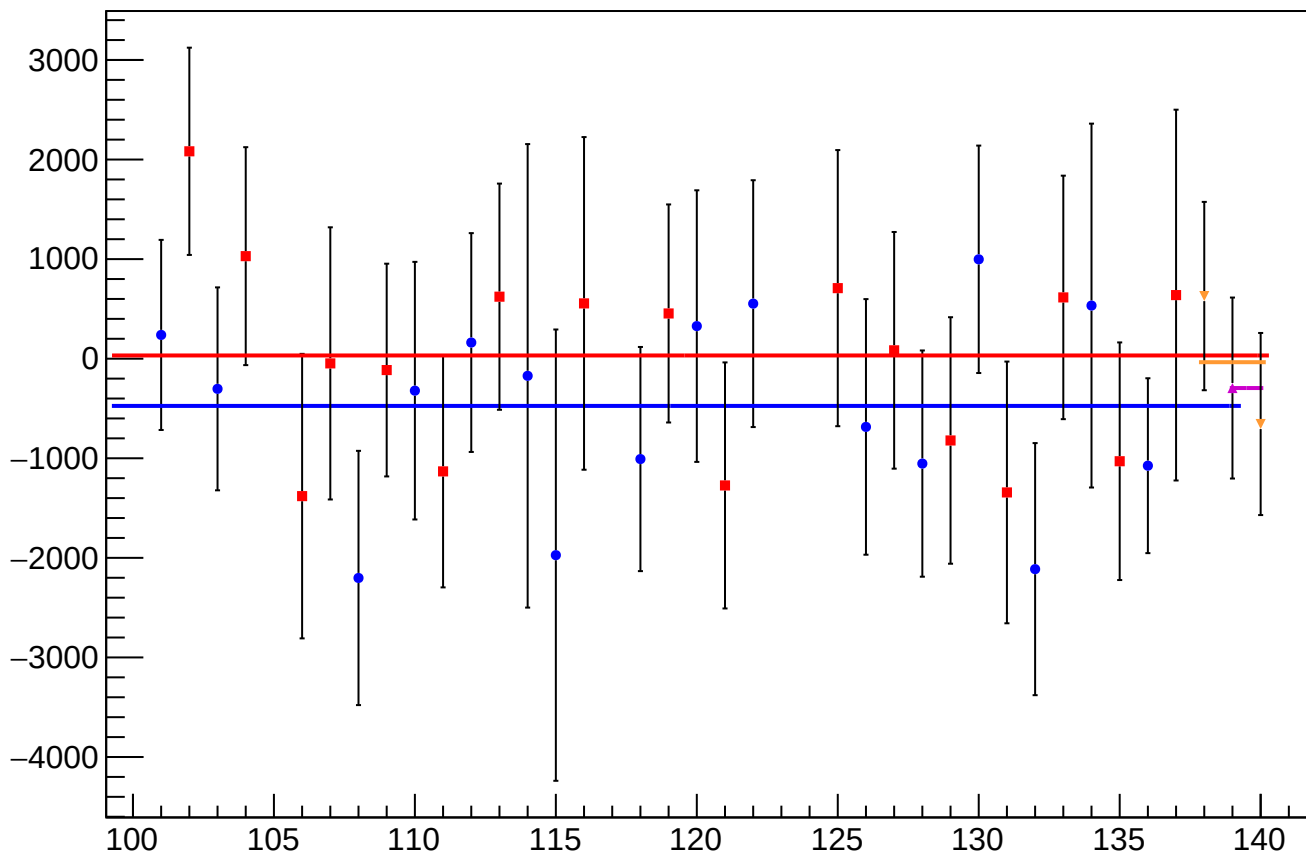
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1466.488+/-0.384 χ^2/NDF : 340271.9/16

Out: 1518.362+/-0.373 χ^2/NDF : 278248.6/18

All: 1493.204+/-0.268 χ^2/NDF : 627895.4/35

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: -35.099+/-657.362 χ^2/NDF :1.0/1

Right Out: 32.454+/-299.611 χ^2/NDF : 11.3/16

Left In: -294.665+/-908.715 χ^2/NDF :0.0/0

Left: -124.268+/-532.613 χ^2/NDF : 1.0/2

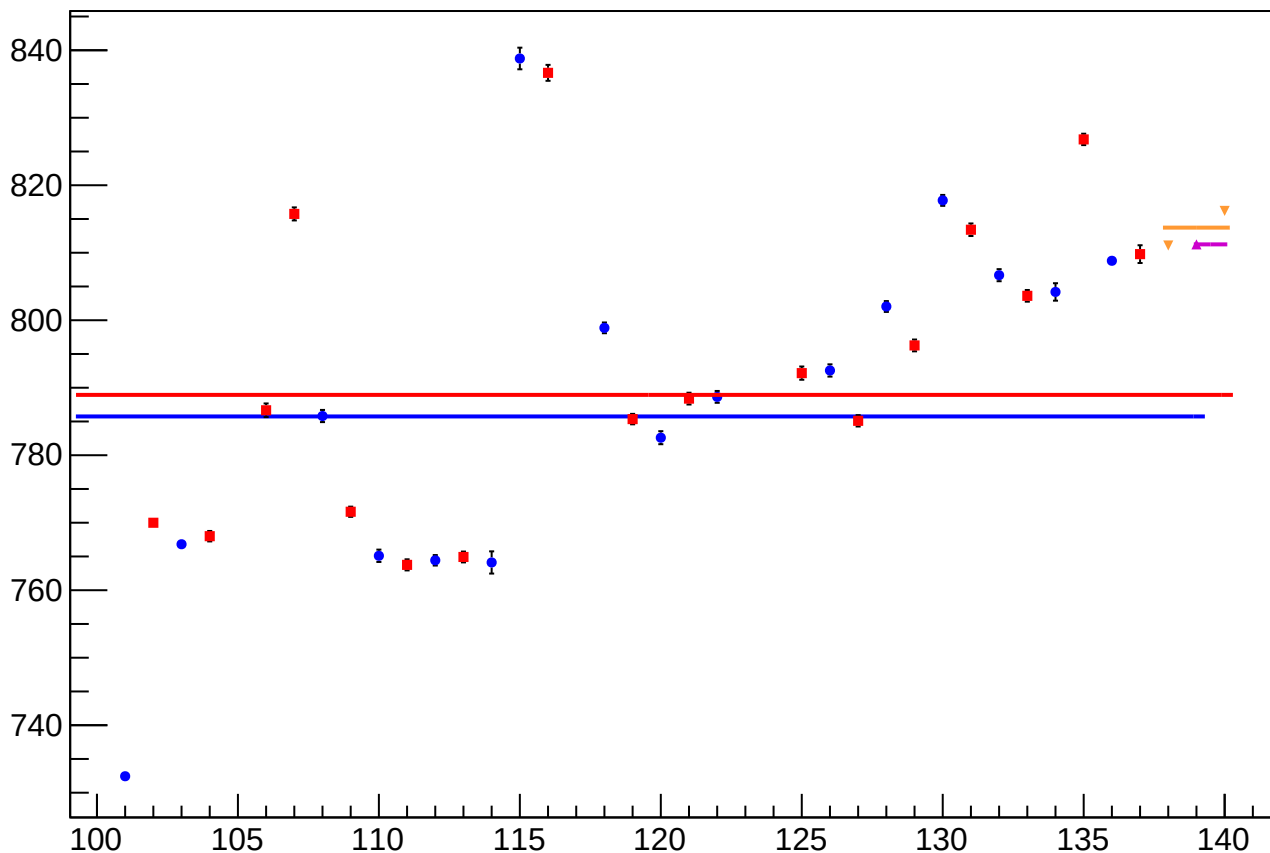
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -456.081+/-288.222 χ^2/NDF :8.9/16

Out: 20.835+/-272.629 χ^2/NDF :12.2/18

All: -204.374+/-198.061 χ^2/NDF : 22.6/35

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 813.722 $\pm$ 0.465 χ^2 /NDF:30.4/1

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 811.240 $\pm$ 0.643 χ^2 /NDF:0.0/0

Left: 812.869 $\pm$ 0.377 χ^2 /NDF: 40.1/2

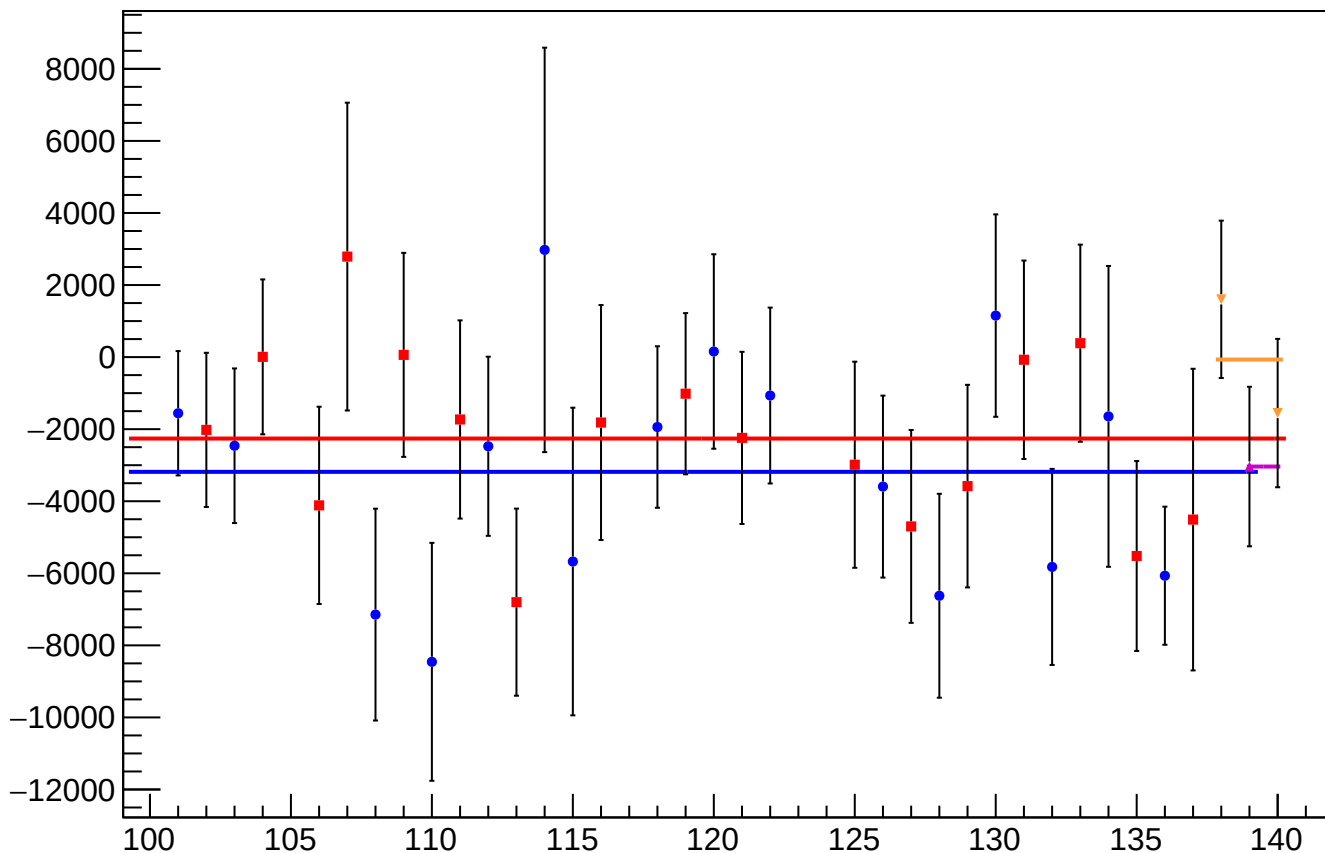
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 788.310 $\pm$ 0.204 χ^2 /NDF:15337.3/16

Out: 793.203 $\pm$ 0.193 χ^2 /NDF:11908.8/18

All: 790.892 $\pm$ 0.140 χ^2 /NDF: 27550.3/35

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522+/-647.361 χ^2/NDF : 16.8/15

Left Out: -67.519+/-1498.106 χ^2/NDF : 1.1/1

Right Out: -2260.241+/-651.957 χ^2/NDF : 11.6/16

Left In: -3037.458+/-2213.821 χ^2/NDF : 0.0/0

Left: -1000.366+/-1240.721 χ^2/NDF : 2.3/2

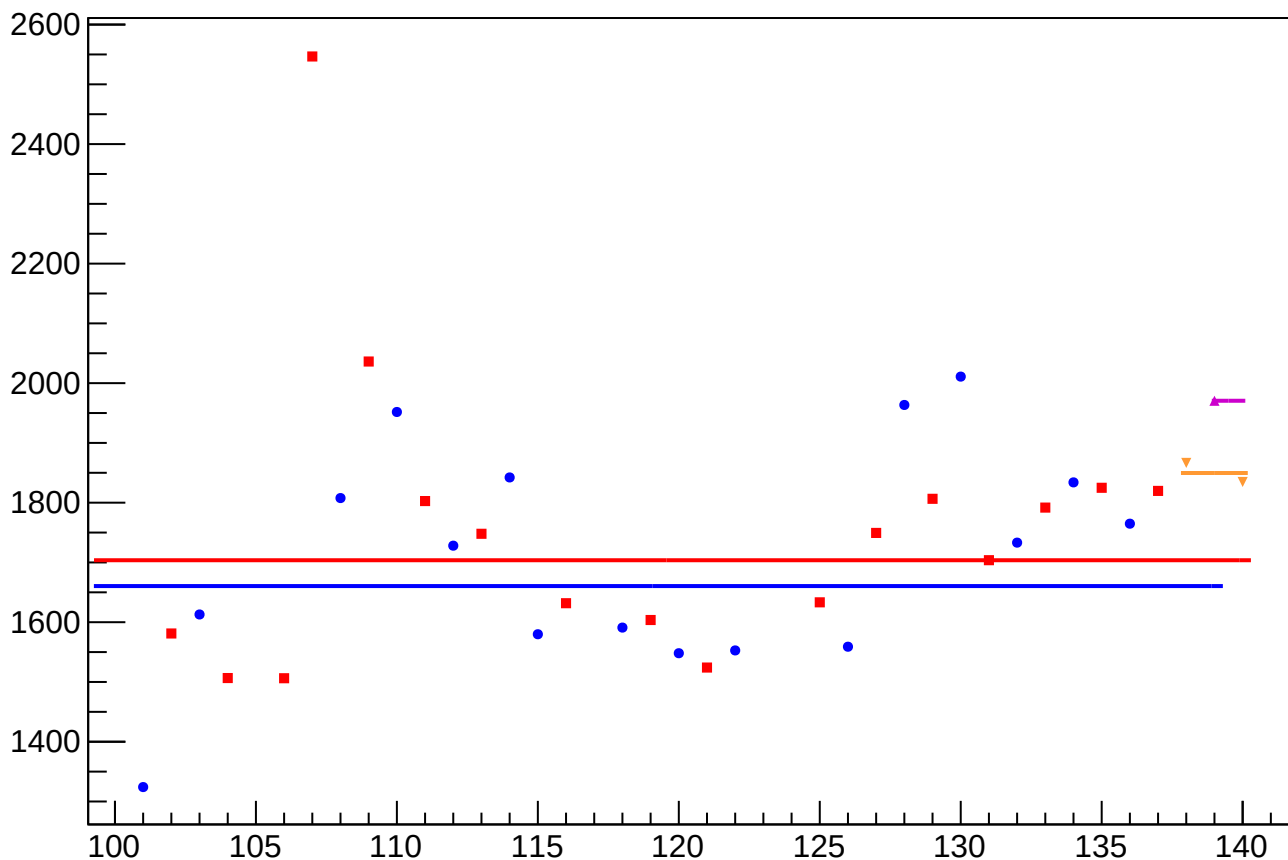
Right: -2725.651+/-459.370 χ^2/NDF : 29.4/32

In: -3172.937+/-621.341 χ^2/NDF : 16.8/16

Out: -1911.090+/-597.802 χ^2/NDF : 14.5/18

All: -2517.659+/-430.791 χ^2/NDF : 33.4/35

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1849.656+/-1.059 χ^2/NDF : 226.2/1

Right Out: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

Left In: 1970.535+/-1.565 χ^2/NDF : 0.0/0

Left: 1887.624+/-0.877 χ^2/NDF : 4316.0/2

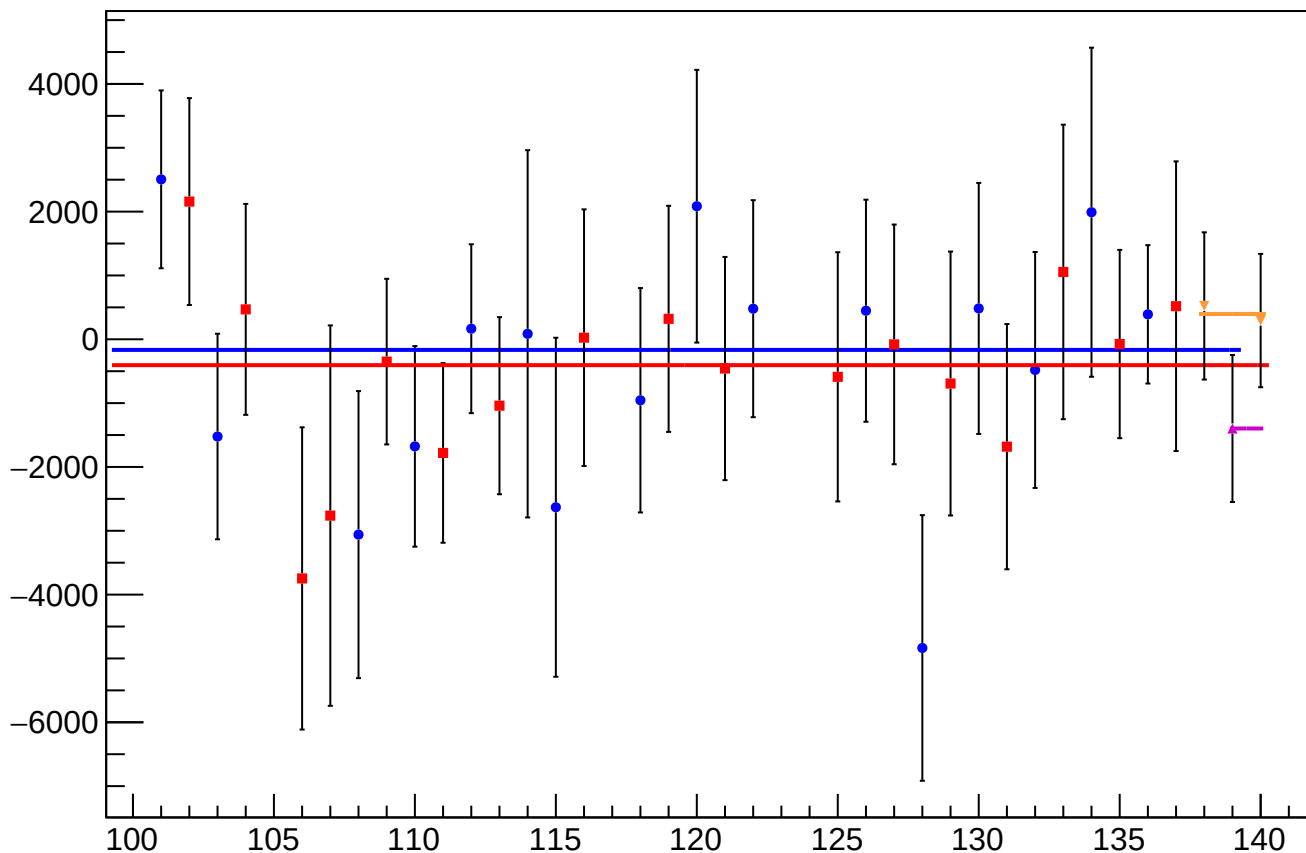
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

In: 1684.887+/-0.439 χ^2/NDF : 215350.4/16

Out: 1726.924+/-0.423 χ^2/NDF : 187217.4/18

All: 1706.717+/-0.305 χ^2/NDF : 407321.7/35

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359+/-432.680 χ^2/NDF : 15.6/15

Left Out: 396.675+/-774.176 χ^2/NDF : 0.0/1

Right Out: -405.286+/-428.618 χ^2/NDF : 7.9/16

Left In: -1397.462+/-1151.525 χ^2/NDF : 0.0/0

Left: -161.825+/-642.476 χ^2/NDF : 1.7/2

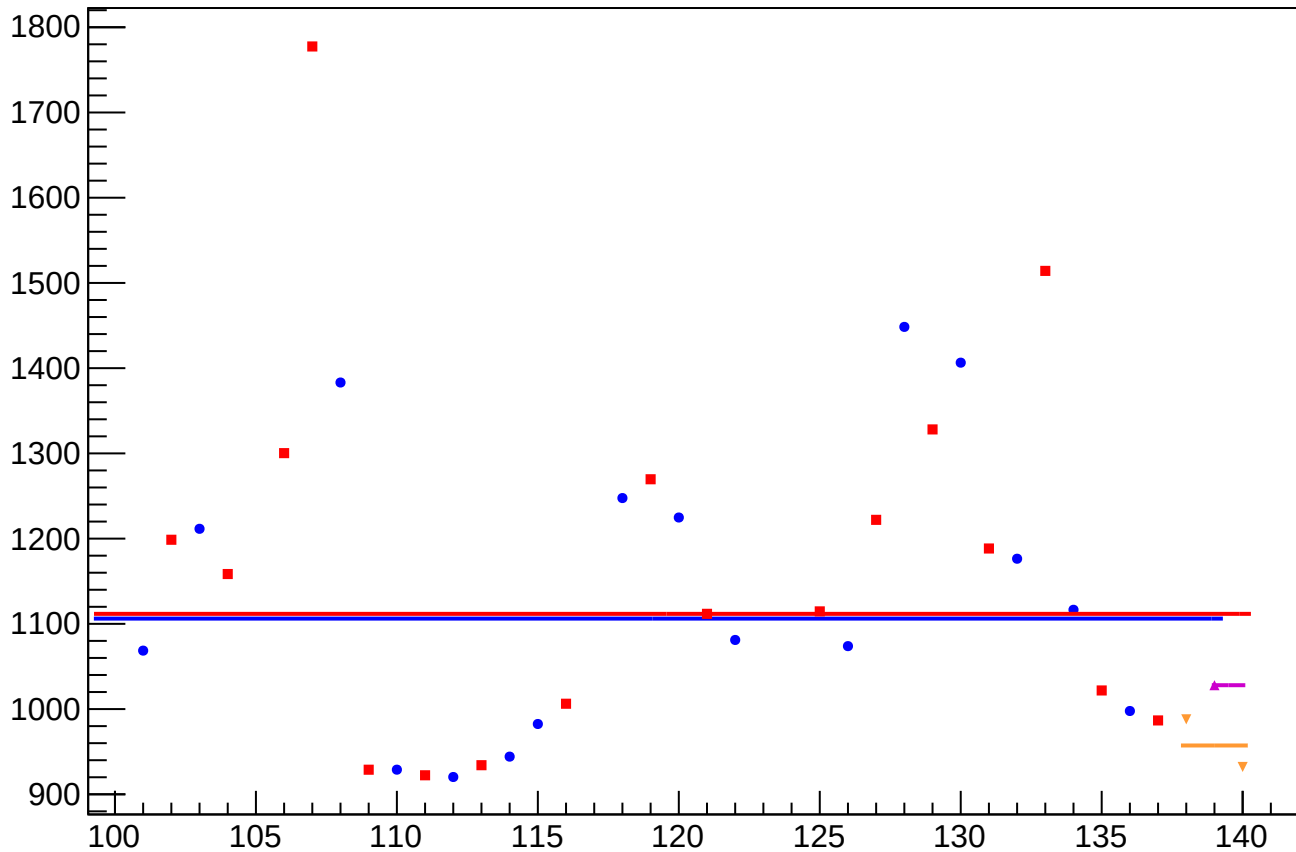
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -318.667+/-405.031 χ^2/NDF : 16.6/16

Out: -217.139+/-374.984 χ^2/NDF : 8.7/18

All: -263.998+/-275.164 χ^2/NDF : 25.4/35

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 957.279+/-0.547 χ^2/NDF : 2580.5/1

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 1028.013+/-0.814 χ^2/NDF : 0.0/0

Left: 979.298+/-0.454 χ^2/NDF : 7777.7/2

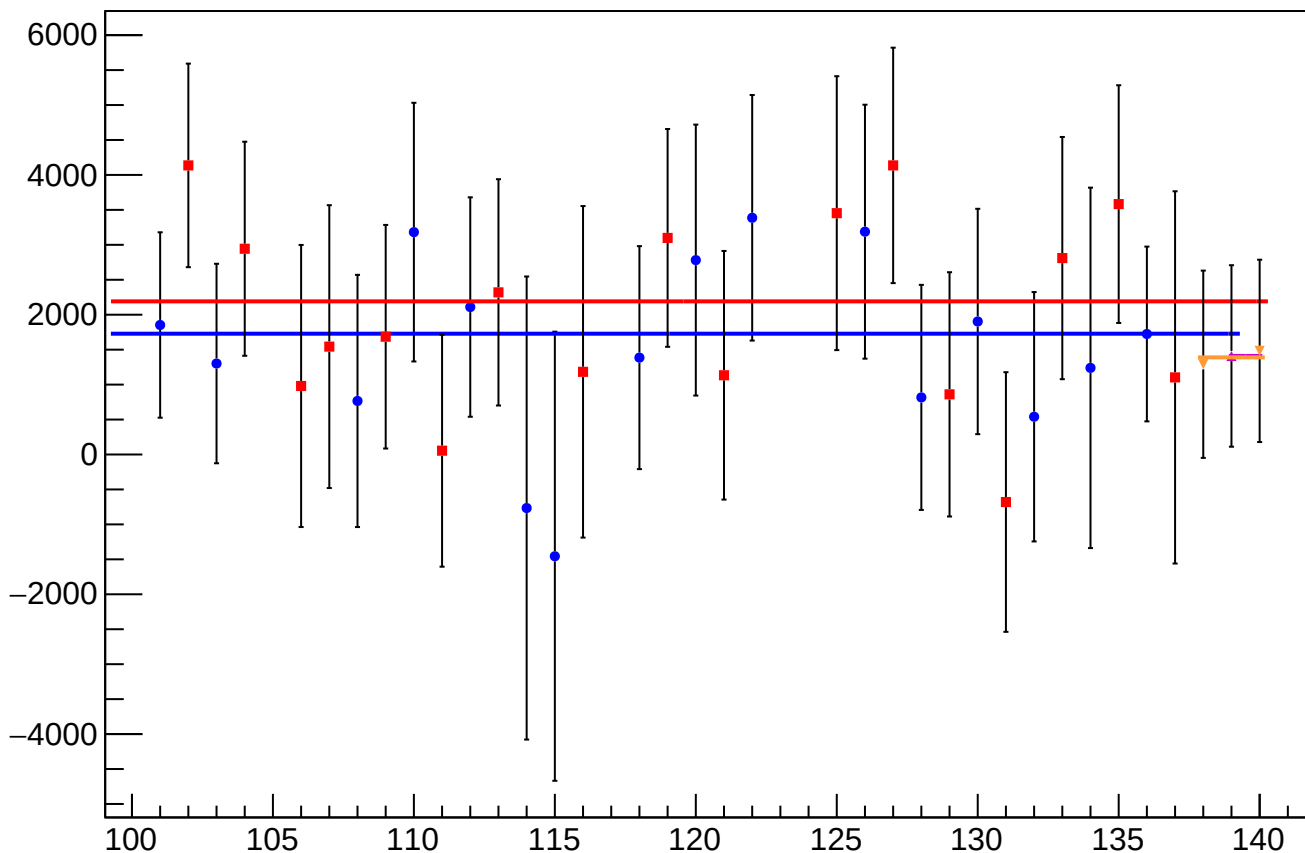
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1096.491+/-0.286 χ^2/NDF : 267989.0/16

Out: 1075.491+/-0.265 χ^2/NDF : 419893.5/18

All: 1085.183+/-0.195 χ^2/NDF : 690777.3/35

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463+/-429.803 χ^2/NDF : 5.3/15

Left Out: 1389.510+/-934.634 χ^2/NDF : 0.0/1

Right Out: 2190.971+/-427.222 χ^2/NDF : 10.8/16

Left In: 1409.842+/-1298.390 χ^2/NDF : 0.0/0

Left: 1396.449+/-758.545 χ^2/NDF : 0.0/2

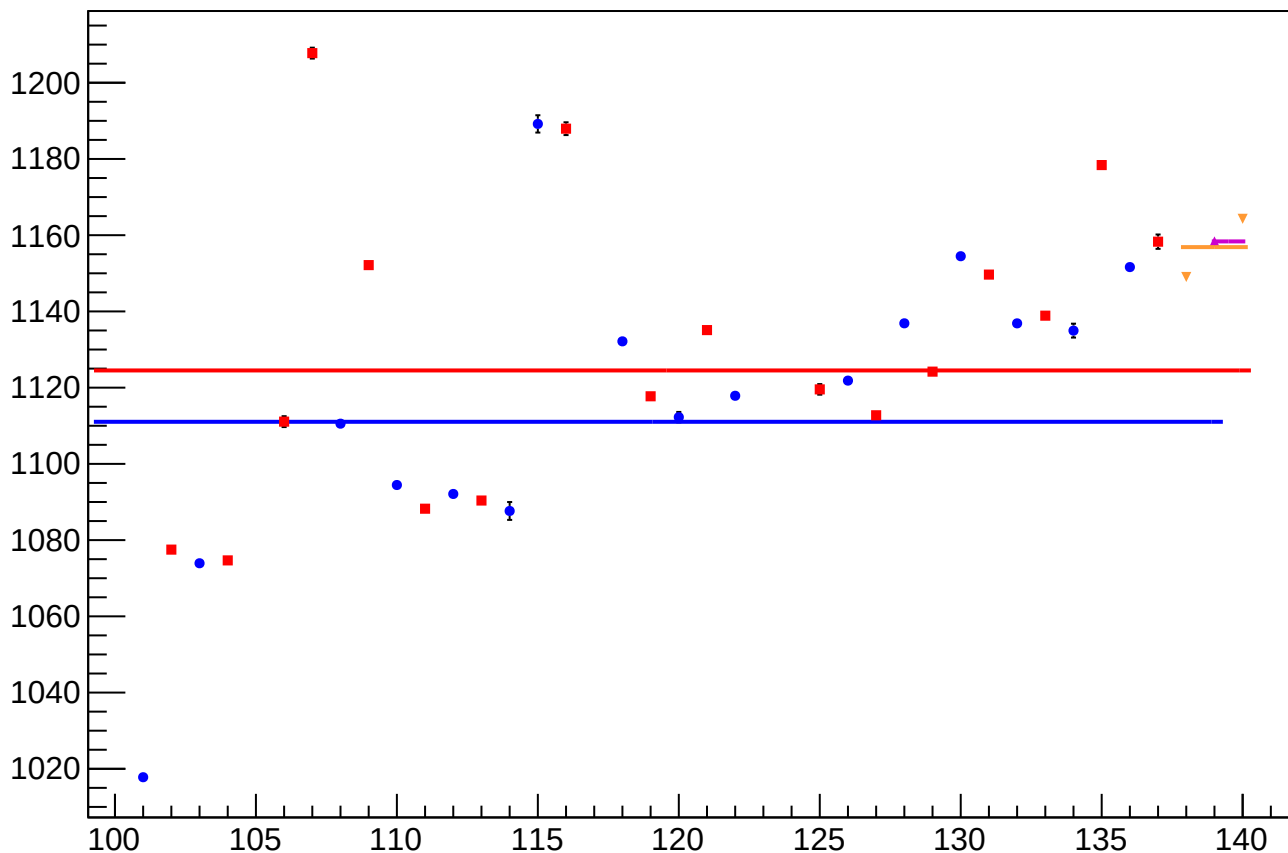
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

In: 1696.997+/-408.028 χ^2/NDF : 5.4/16

Out: 2052.454+/-388.553 χ^2/NDF : 11.4/18

All: 1883.411+/-281.382 χ^2/NDF : 17.2/35

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 $\pm$ 0.304 χ^2 /NDF: 18091.1/15

Left Out: 1156.873 $\pm$ 0.661 χ^2 /NDF:133.2/1

Right Out: 1124.514 $\pm$ 0.302 χ^2 /NDF: 14600.7/16

Left In: 1158.368 $\pm$ 0.918 χ^2 /NDF:0.0/0

Left: 1157.383 $\pm$ 0.536 χ^2 /NDF: 135.0/2

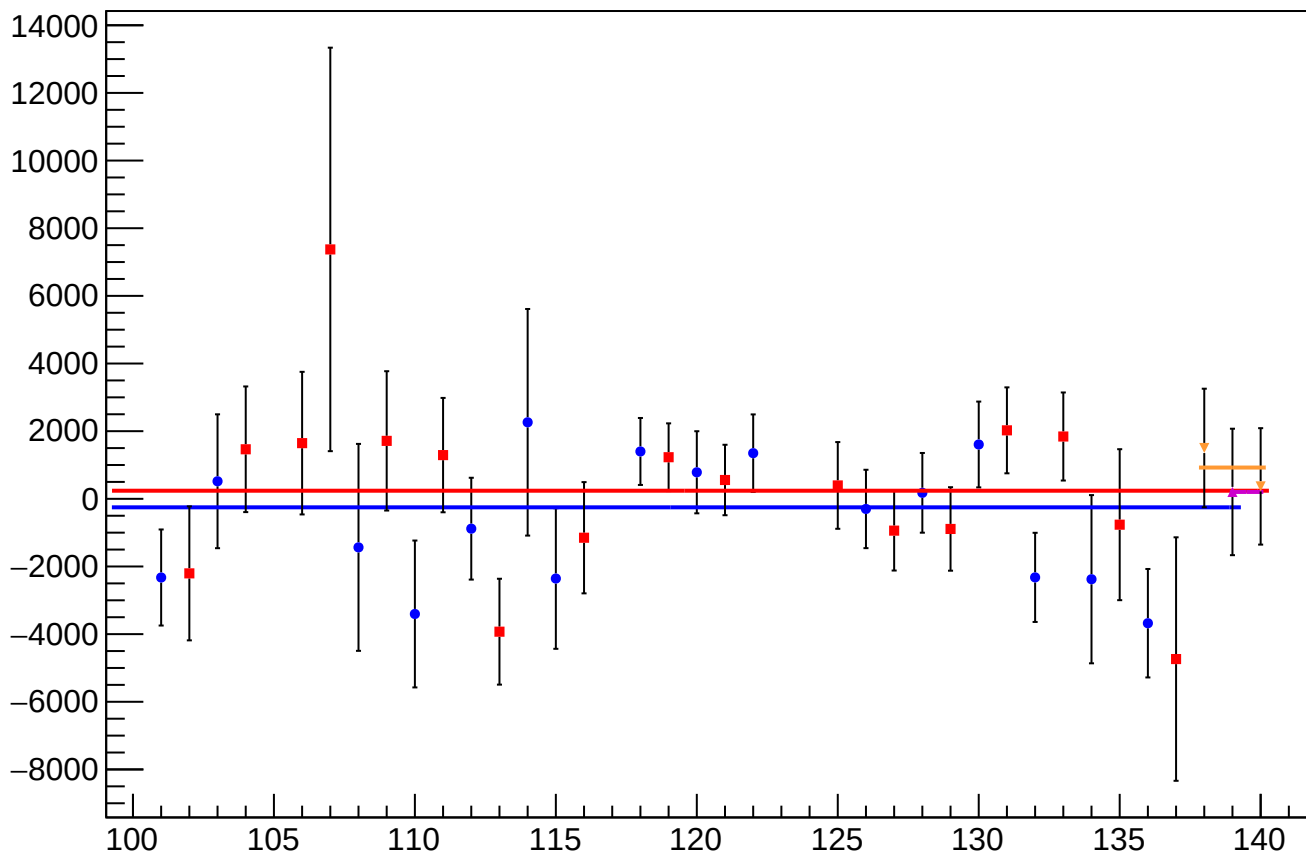
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1115.716 $\pm$ 0.289 χ^2 /NDF:20485.8/16

Out: 1130.107 $\pm$ 0.275 χ^2 /NDF:16716.9/18

All: 1123.263 $\pm$ 0.199 χ^2 /NDF: 38507.4/35

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: 924.868+/-1228.127 χ^2/NDF : 0.2/1

Right Out: 239.863+/-363.842 χ^2/NDF : 21.1/16

Left In: 203.372+/-1869.216 χ^2/NDF : 0.0/0

Left: 707.321+/-1026.407 χ^2/NDF : 0.3/2

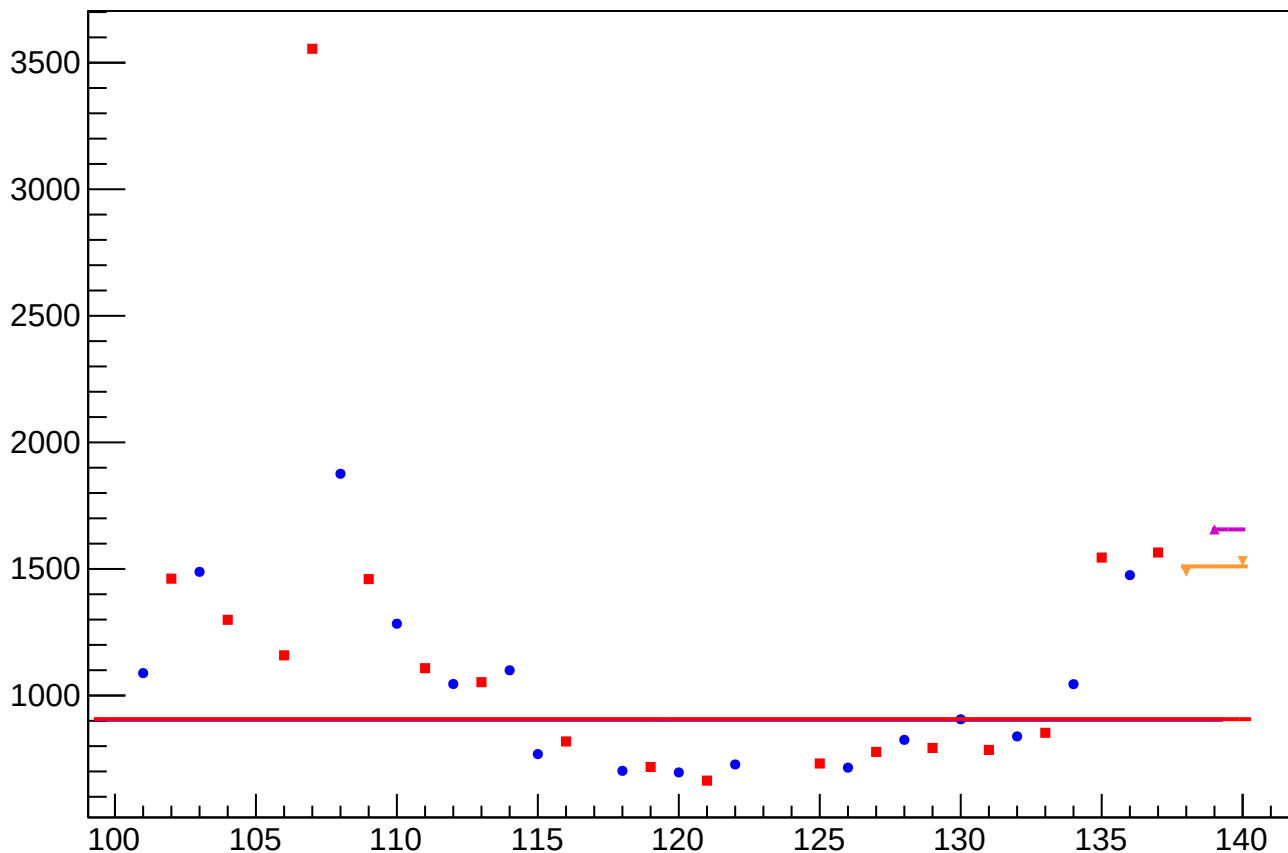
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -234.630+/-358.188 χ^2/NDF : 21.9/16

Out: 295.134+/-348.854 χ^2/NDF : 21.6/18

All: 37.244+/-249.912 χ^2/NDF : 44.6/35

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1510.185+/-0.868 χ^2/NDF : 574.3/1

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1656.293+/-1.322 χ^2/NDF : 0.0/0

Left: 1554.240+/-0.726 χ^2/NDF : 9109.4/2

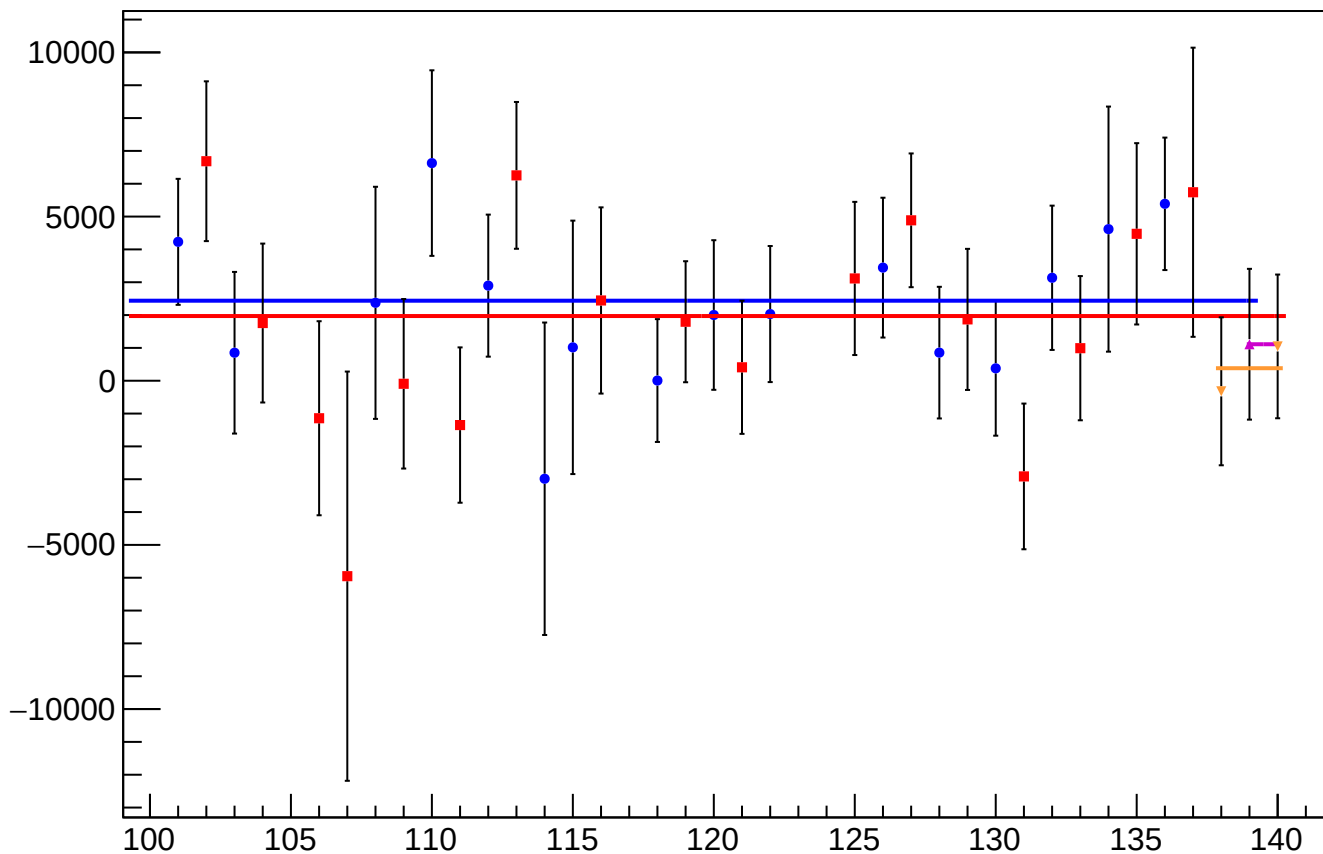
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 932.095+/-0.253 χ^2/NDF : 1332749.3/16

Out: 955.296+/-0.247 χ^2/NDF : 1820763.0/18

All: 944.002+/-0.177 χ^2/NDF : 3157818.8/35

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 381.356+/-1569.749 χ^2/NDF : 0.2/1

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1111.596+/-2296.306 χ^2/NDF : 0.0/0

Left: 613.922+/-1295.896 χ^2/NDF : 0.3/2

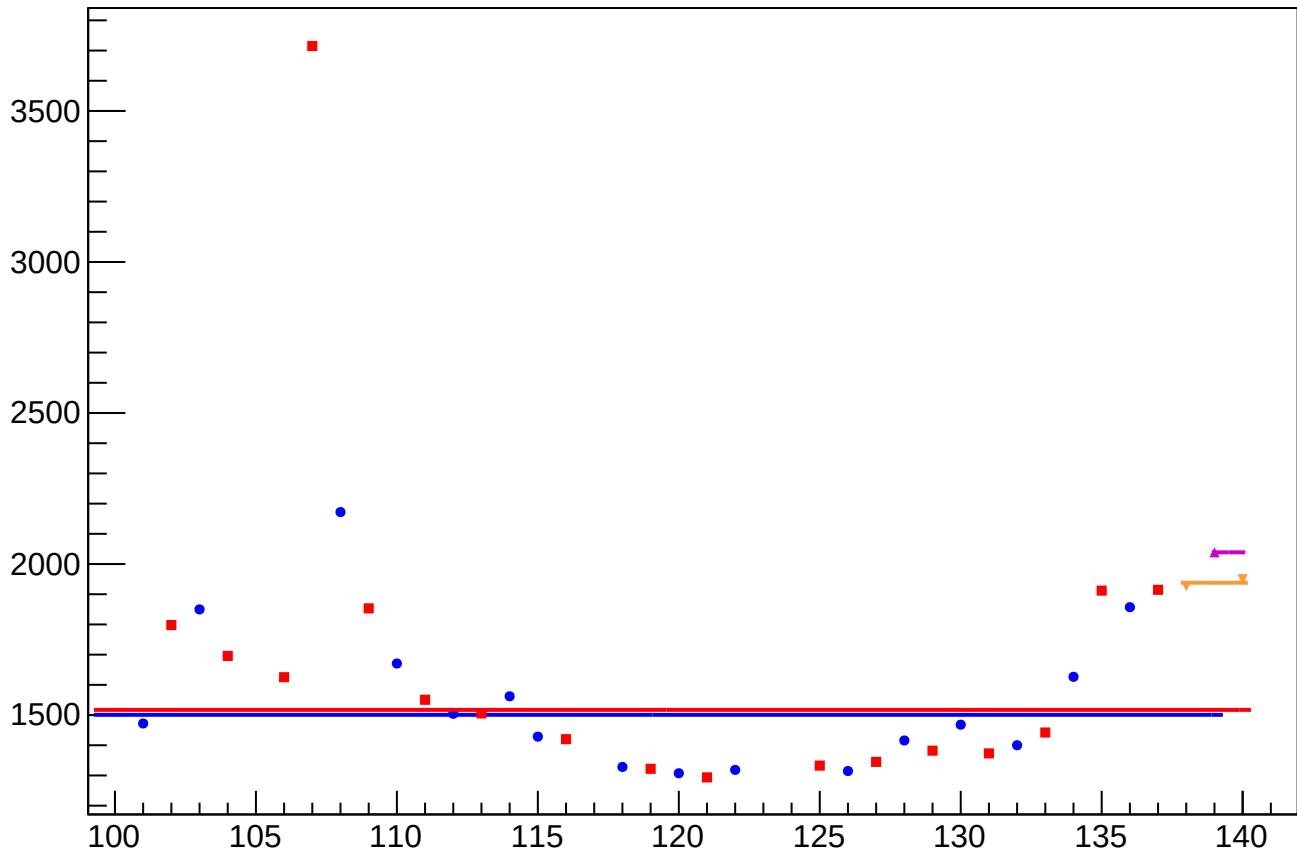
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 2356.381+/-568.013 χ^2/NDF : 11.5/16

Out: 1775.691+/-549.539 χ^2/NDF : 23.4/18

All: 2056.440+/-394.952 χ^2/NDF : 35.4/35

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1938.168+/-1.110 χ^2/NDF : 112.2/1

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 2038.710+/-1.624 χ^2/NDF : 0.0/0

Left: 1970.189+/-0.916 χ^2/NDF : 2725.2/2

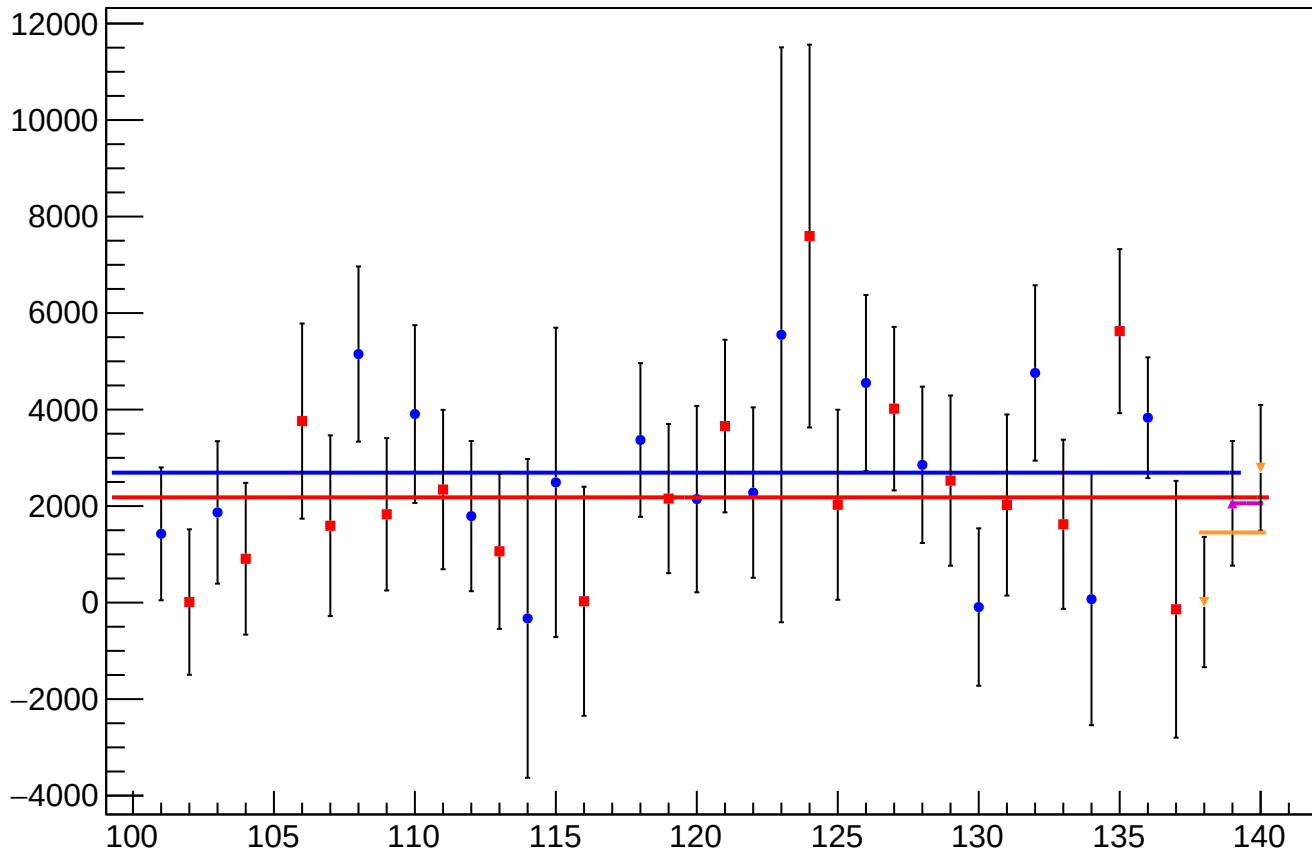
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1533.741+/-0.402 χ^2/NDF : 359247.6/16

Out: 1568.722+/-0.389 χ^2/NDF : 601414.7/18

All: 1551.809+/-0.279 χ^2/NDF : 964580.4/35

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2 /NDF: 12.2/16

Left Out: 1453.293 $\pm$ 937.400 χ^2 /NDF: 2.2/1

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

Left In: 2057.725 $\pm$ 1291.568 χ^2 /NDF: 0.0/0

Left: 1661.834 $\pm$ 758.646 χ^2 /NDF: 2.3/2

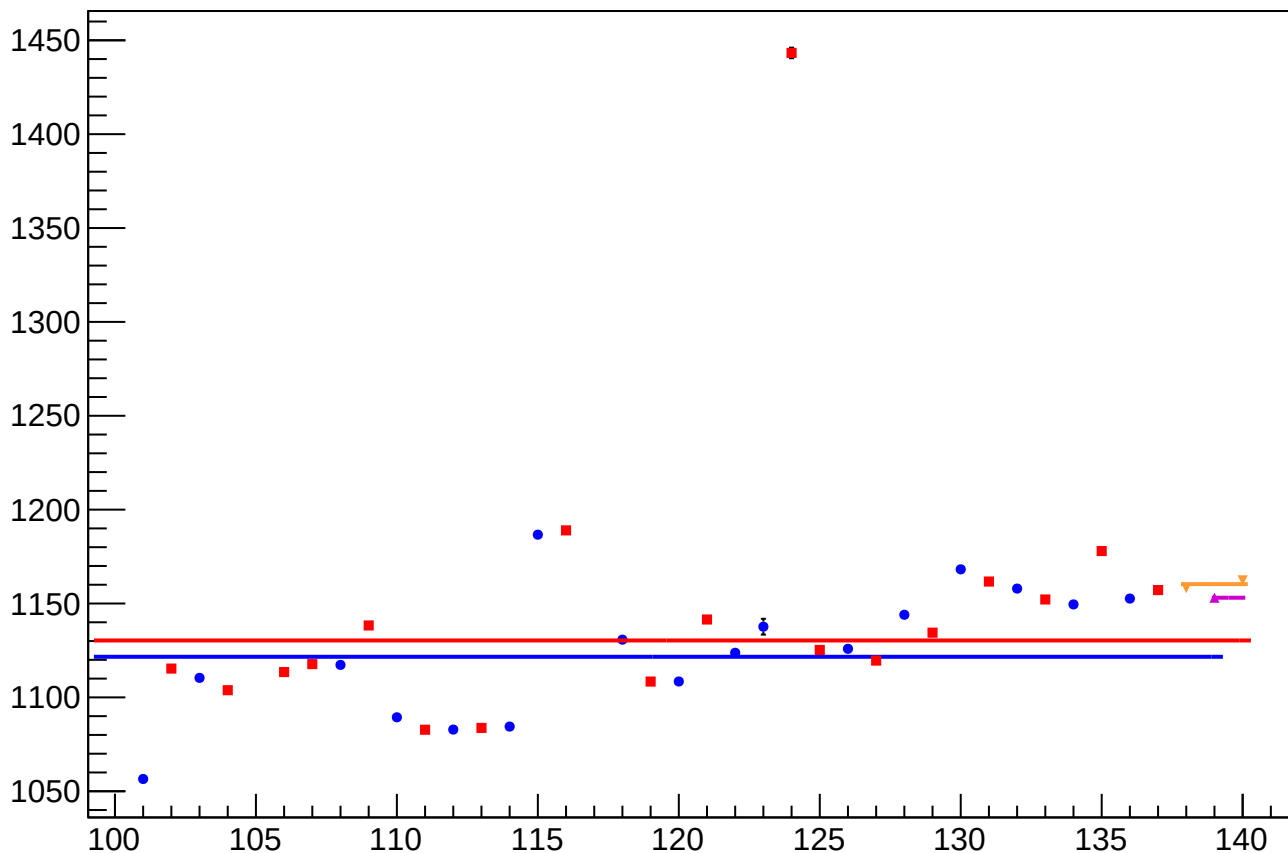
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2628.914 $\pm$ 410.215 χ^2 /NDF: 12.5/17

Out: 2056.686 $\pm$ 387.416 χ^2 /NDF: 16.2/19

All: 2326.457 $\pm$ 281.660 χ^2 /NDF: 29.7/37

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 $\pm$ 0.306 χ^2 /NDF: 11980.2/16

Left Out: 1160.324 $\pm$ 0.663 χ^2 /NDF: 9.8/1

Right Out: 1130.316 $\pm$ 0.301 χ^2 /NDF: 21276.1/17

Left In: 1153.084 $\pm$ 0.913 χ^2 /NDF: 0.0/0

Left: 1157.826 $\pm$ 0.536 χ^2 /NDF: 51.0/2

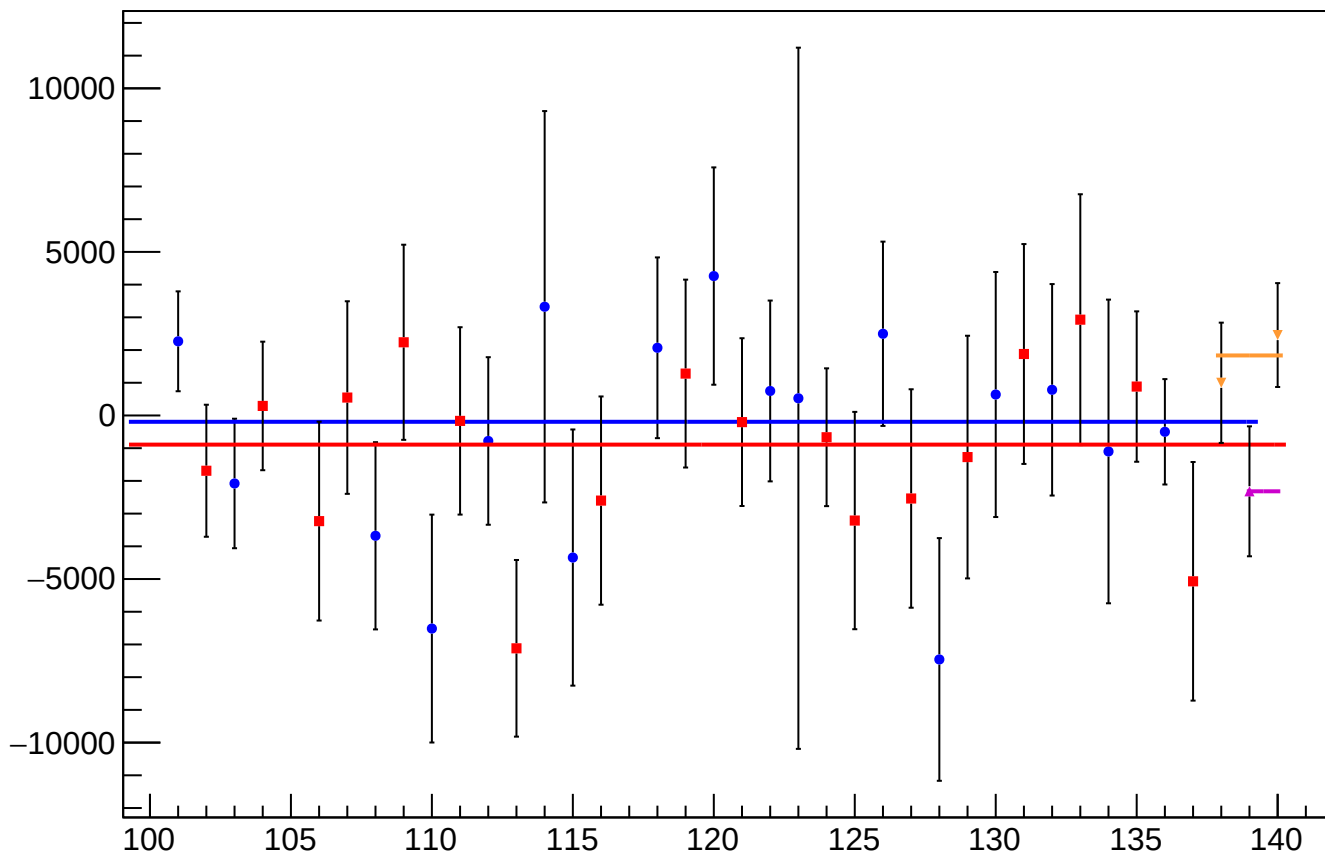
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1124.800 $\pm$ 0.290 χ^2 /NDF: 13047.0/17

Out: 1135.442 $\pm$ 0.274 χ^2 /NDF: 22985.4/19

All: 1130.425 $\pm$ 0.199 χ^2 /NDF: 36743.8/37

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 1834.799+/-1201.581 χ^2/NDF : 0.4/1

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: -2318.241+/-1986.588 χ^2/NDF : 0.0/0

Left: 722.409+/-1028.142 χ^2/NDF : 3.6/2

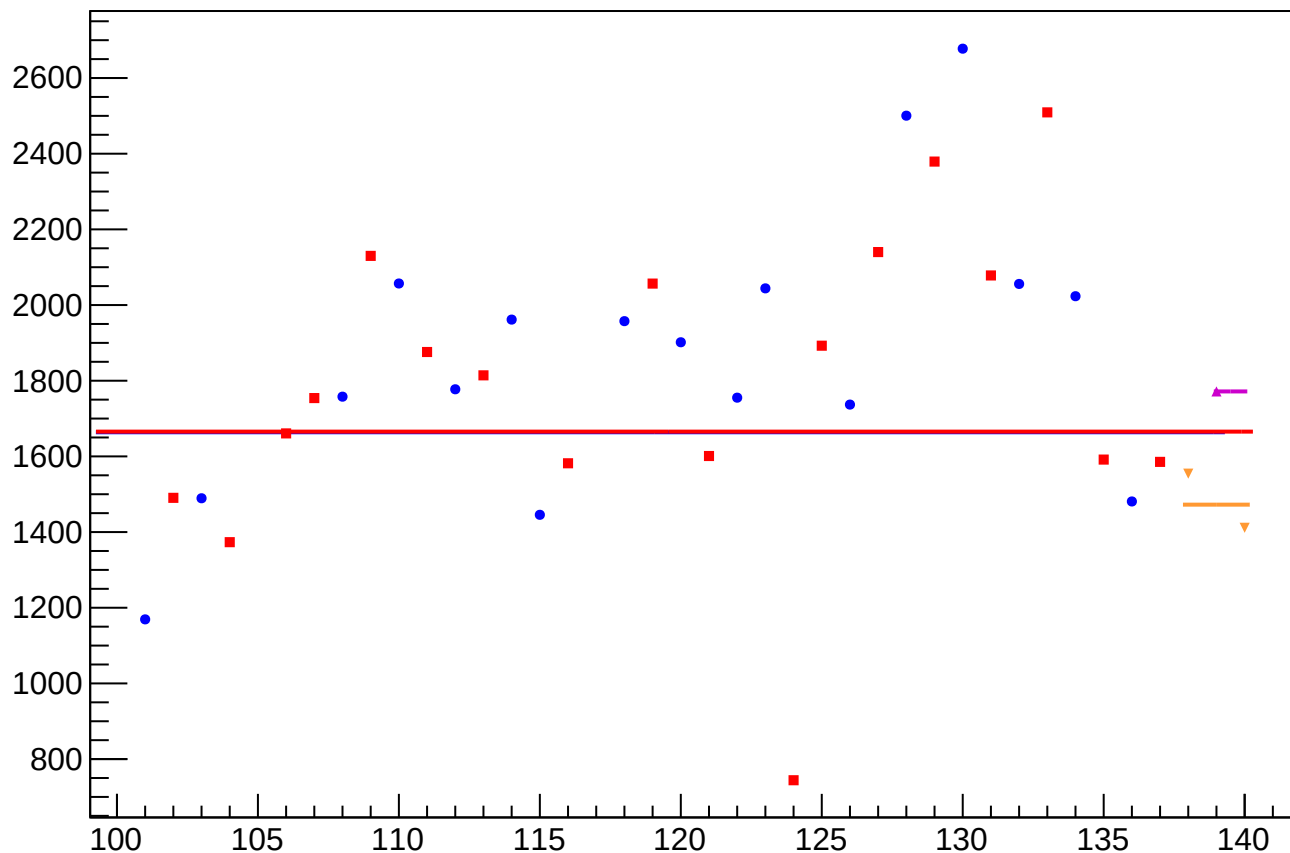
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -404.763+/-626.645 χ^2/NDF : 18.4/17

Out: -274.841+/-571.305 χ^2/NDF : 17.4/19

All: -333.813+/-422.185 χ^2/NDF : 35.9/37

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779+/-0.467 χ^2/NDF : 622477.6/16

Left Out: 1472.462+/-0.850 χ^2/NDF : 6937.5/1

Right Out: 1665.466+/-0.459 χ^2/NDF : 802791.6/17

Left In: 1771.687+/-1.405 χ^2/NDF : 0.0/0

Left: 1552.609+/-0.727 χ^2/NDF : 40158.4/2

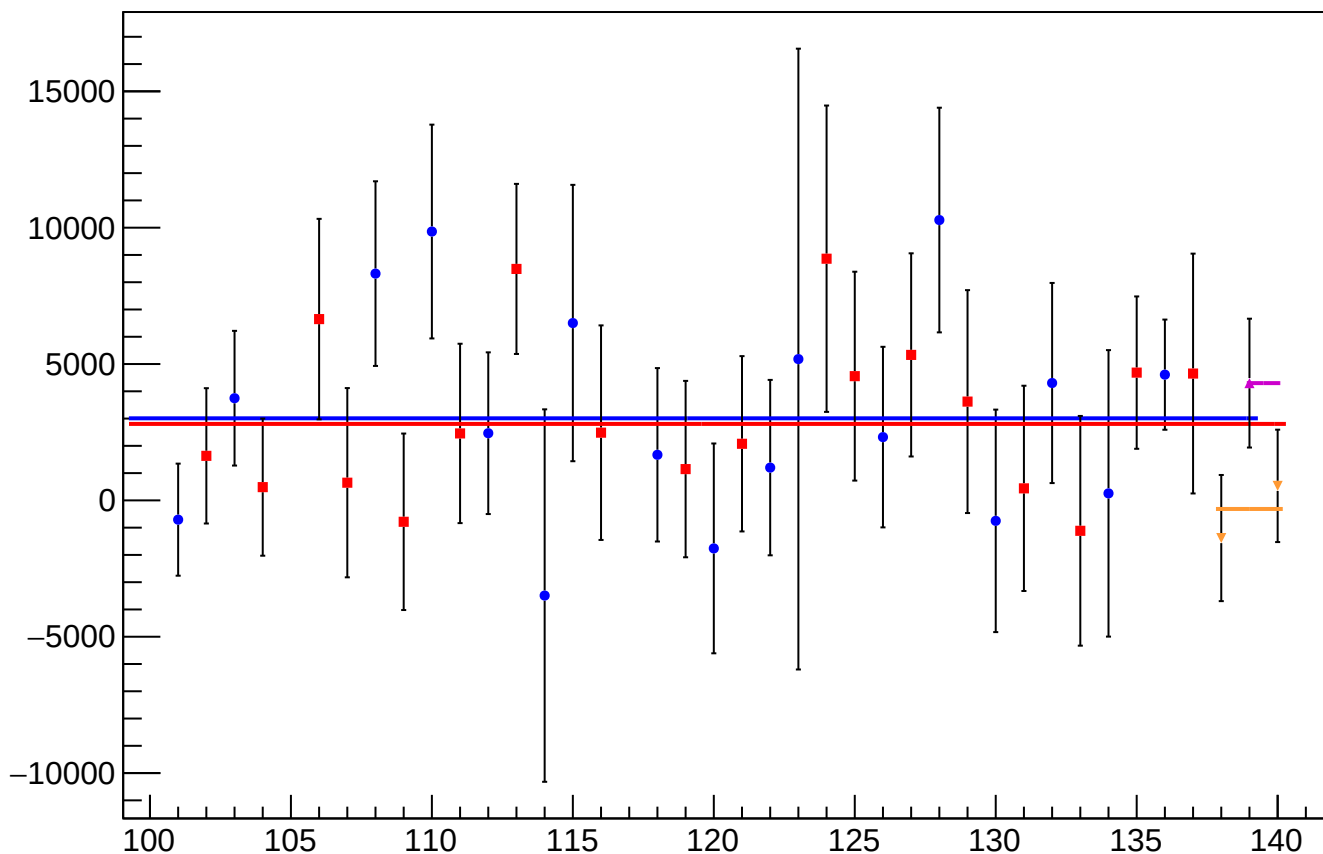
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1674.516+/-0.443 χ^2/NDF : 627791.4/17

Out: 1621.835+/-0.404 χ^2/NDF : 849665.0/19

All: 1645.747+/-0.299 χ^2/NDF : 1485175.5/37

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: -314.886+/-1538.649 χ^2/NDF : 0.4/1

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 4300.197+/-2362.363 χ^2/NDF : 0.0/0

Left: 1059.757+/-1289.293 χ^2/NDF : 3.1/2

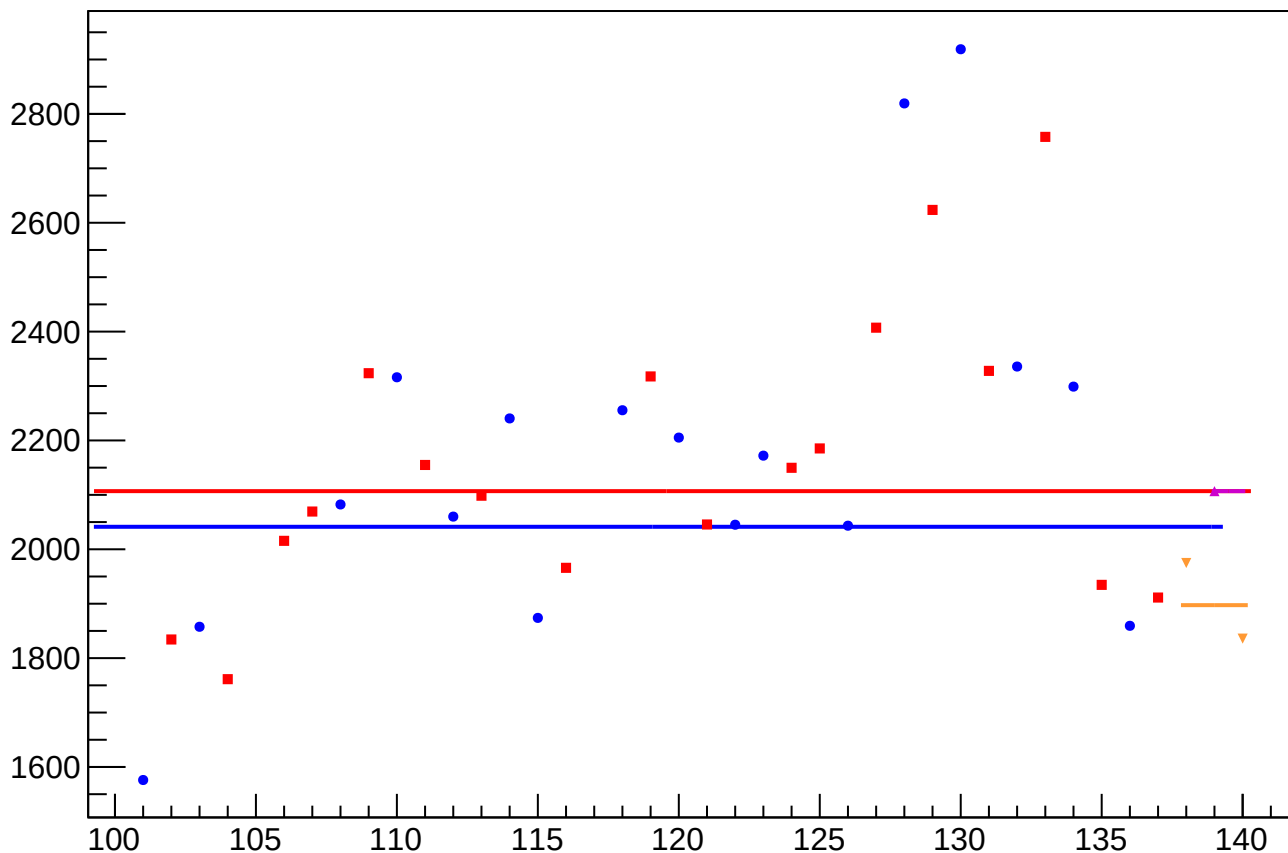
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 3141.905+/-757.431 χ^2/NDF : 17.7/17

Out: 2140.798+/-709.505 χ^2/NDF : 14.8/19

All: 2608.679+/-517.810 χ^2/NDF : 33.4/37

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1897.343 $\pm$ 1.088 χ^2 /NDF:4024.8/1

Right Out: 2106.845 $\pm$ 0.565 χ^2 /NDF: 196720.6/17

Left In: 2106.852 $\pm$ 1.670 χ^2 /NDF:0.0/0

Left: 1959.747 $\pm$ 0.912 χ^2 /NDF: 15069.8/2

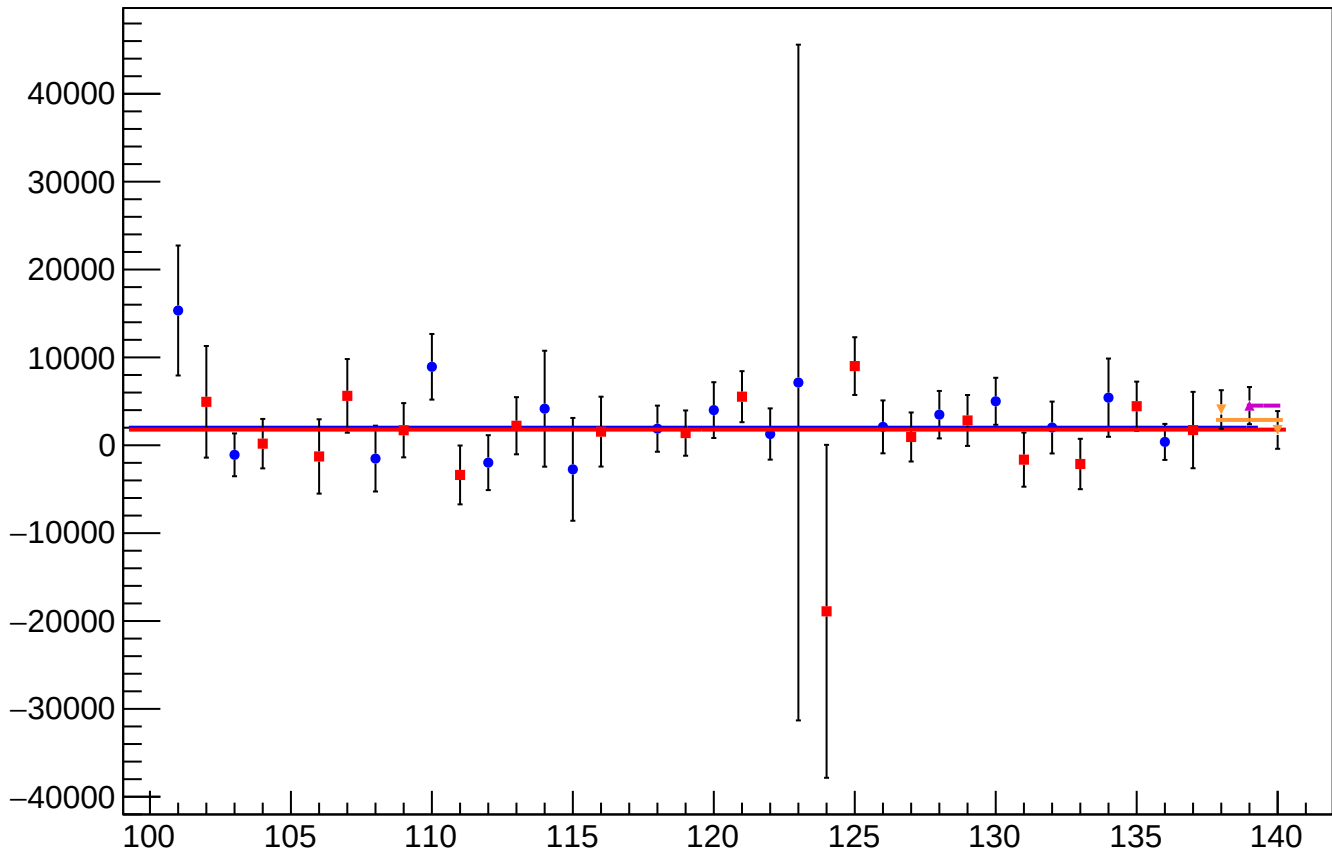
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 2048.082 $\pm$ 0.536 χ^2 /NDF:339816.4/17

Out: 2062.298 $\pm$ 0.502 χ^2 /NDF:229940.1/19

All: 2055.654 $\pm$ 0.366 χ^2 /NDF: 570131.7/37

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 2885.084+/-1534.004 χ^2/NDF : 0.6/1

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 4512.441+/-2115.787 χ^2/NDF : 0.0/0

Left: 3445.787+/-1241.930 χ^2/NDF : 1.0/2

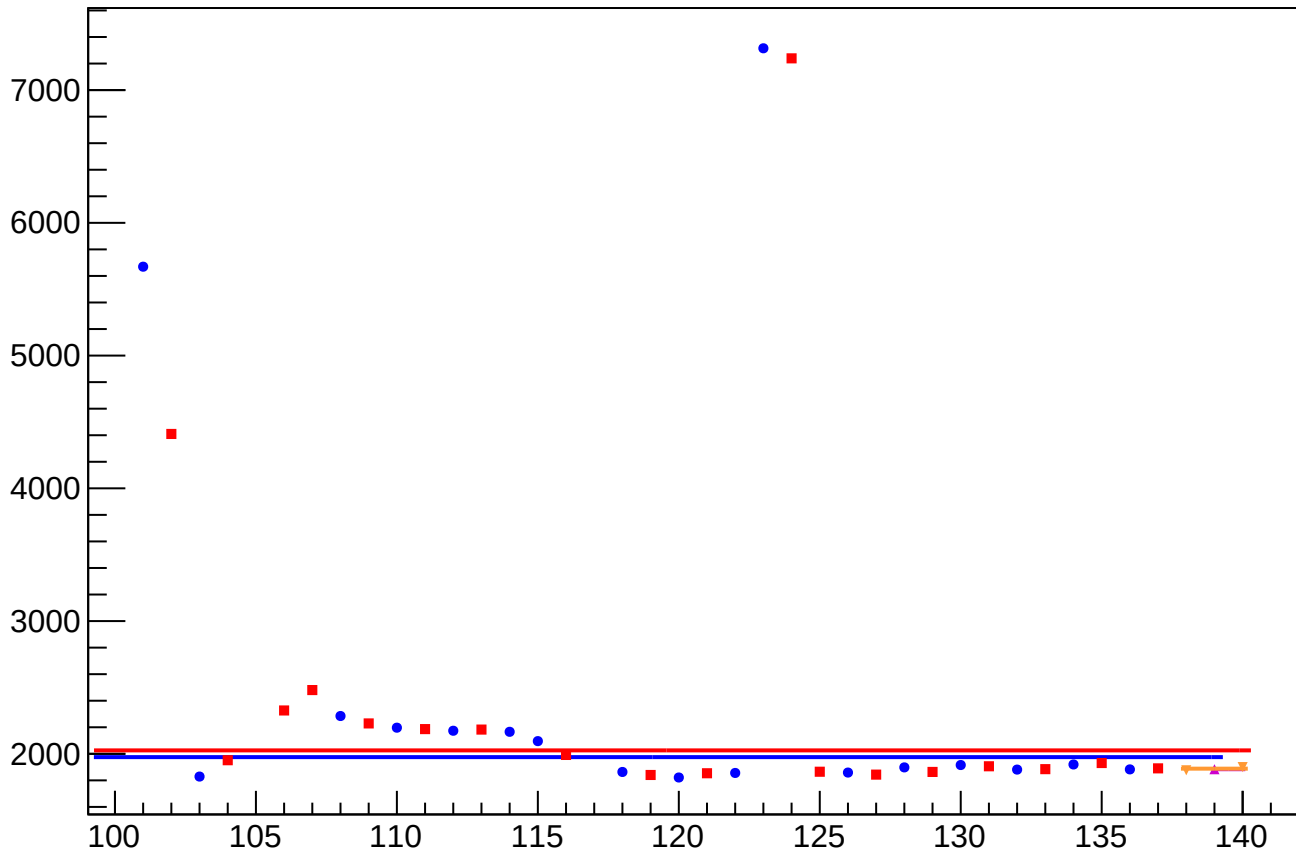
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2301.612+/-733.182 χ^2/NDF : 16.1/17

Out: 2009.315+/-696.580 χ^2/NDF : 17.3/19

All: 2147.986+/-505.001 χ^2/NDF : 33.4/37

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1888.196+/-1.085 χ^2/NDF :123.1/1

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1883.987+/-1.496 χ^2/NDF :0.0/0

Left: 1886.746+/-0.878 χ^2/NDF : 128.3/2

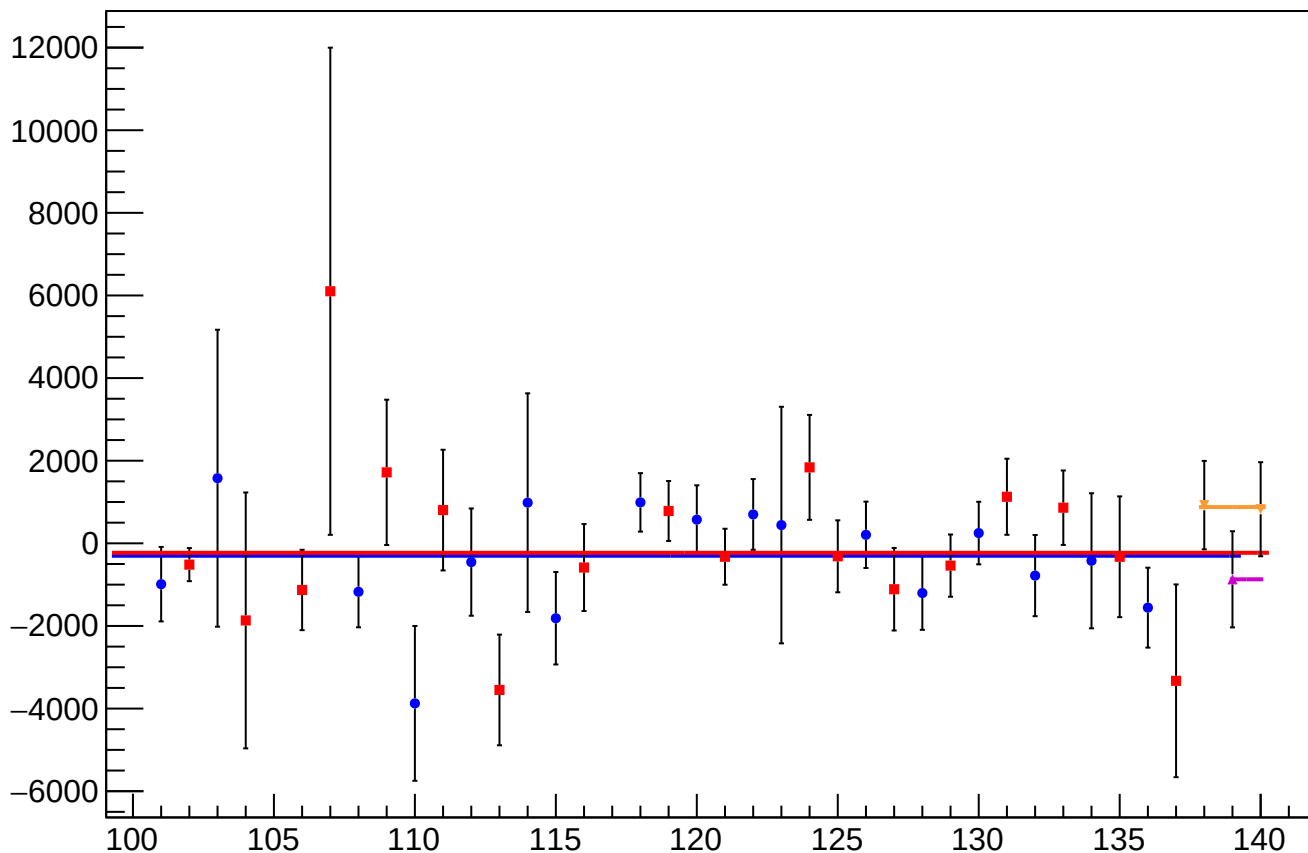
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1964.167+/-0.518 χ^2/NDF :603095.8/17

Out: 1997.482+/-0.493 χ^2/NDF :548296.0/19

All: 1981.677+/-0.357 χ^2/NDF : 1153562.2/37

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 χ^2/NDF : 17.3/16

Left Out: 878.154 ± 779.874 χ^2/NDF : 0.0/1

Right Out: -228.794 ± 215.624 χ^2/NDF : 21.8/17

Left In: -871.120 ± 1163.851 χ^2/NDF : 0.0/0

Left: 336.102 ± 647.872 χ^2/NDF : 1.6/2

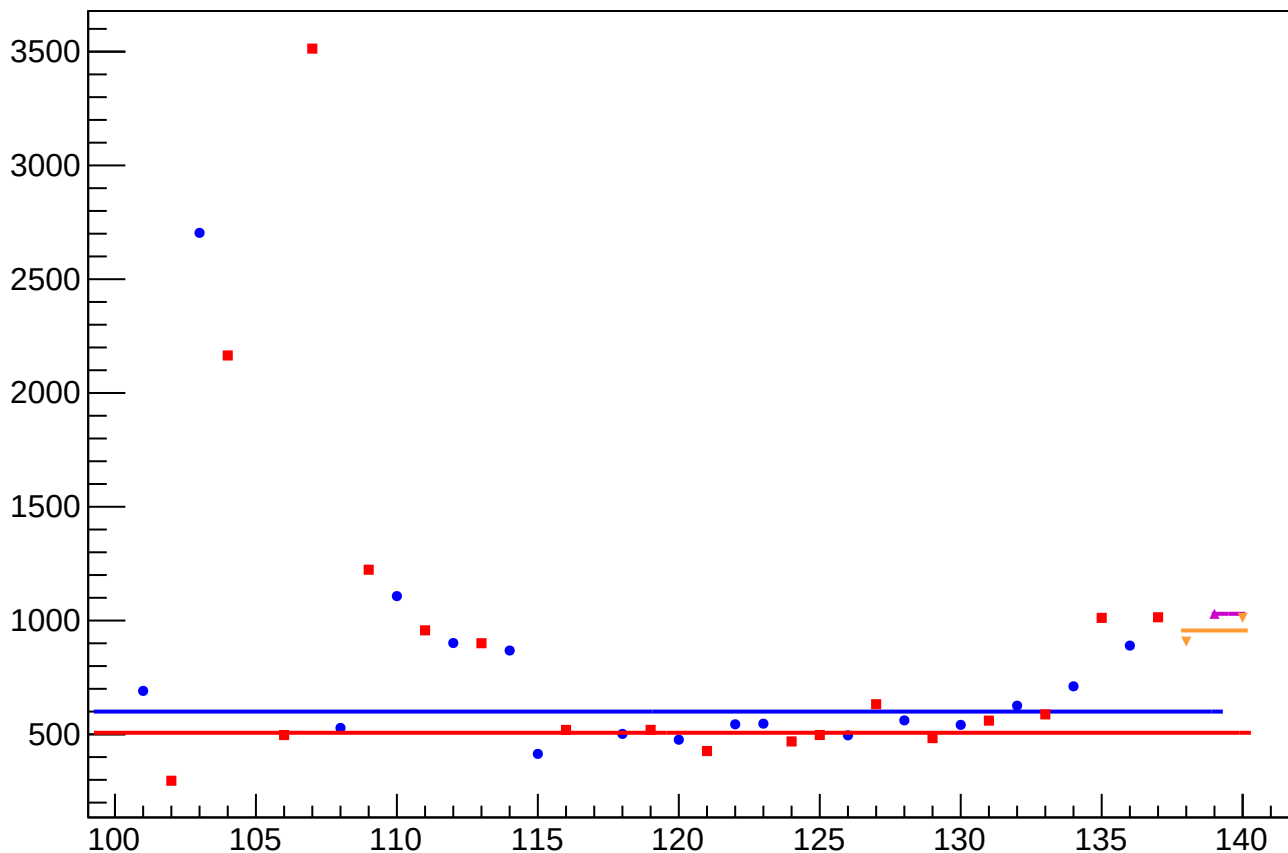
Right: -259.640 ± 162.327 χ^2/NDF : 39.2/34

In: -324.531 ± 241.258 χ^2/NDF : 17.6/17

Out: -150.183 ± 207.827 χ^2/NDF : 23.6/19

All: -224.450 ± 157.460 χ^2/NDF : 41.5/37

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953+/-0.174 χ^2/NDF : 1381049.4/16

Left Out: 956.396+/-0.551 χ^2/NDF :8996.0/1

Right Out: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

Left In: 1029.703+/-0.823 χ^2/NDF :0.0/0

Left: 979.112+/-0.458 χ^2/NDF : 14471.9/2

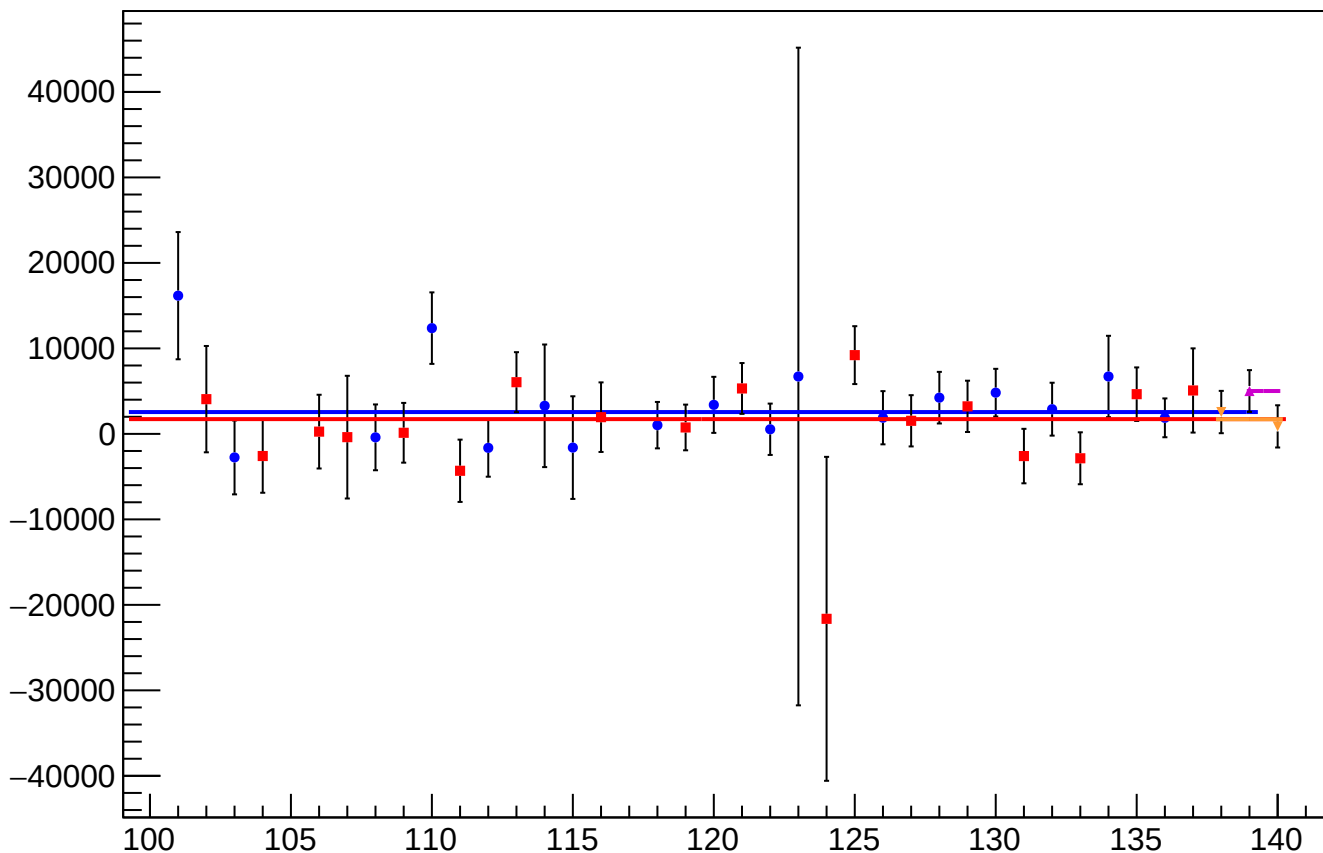
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 618.420+/-0.171 χ^2/NDF :1642020.5/17

Out: 538.799+/-0.147 χ^2/NDF :3387147.5/19

All: 572.715+/-0.111 χ^2/NDF : 5154211.7/37

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 1714.336 $\pm$ 1748.506 χ^2 /NDF:0.2/1

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

Left In: 5014.707 $\pm$ 2444.379 χ^2 /NDF:0.0/0

Left: 2831.457 $\pm$ 1422.124 χ^2 /NDF: 1.4/2

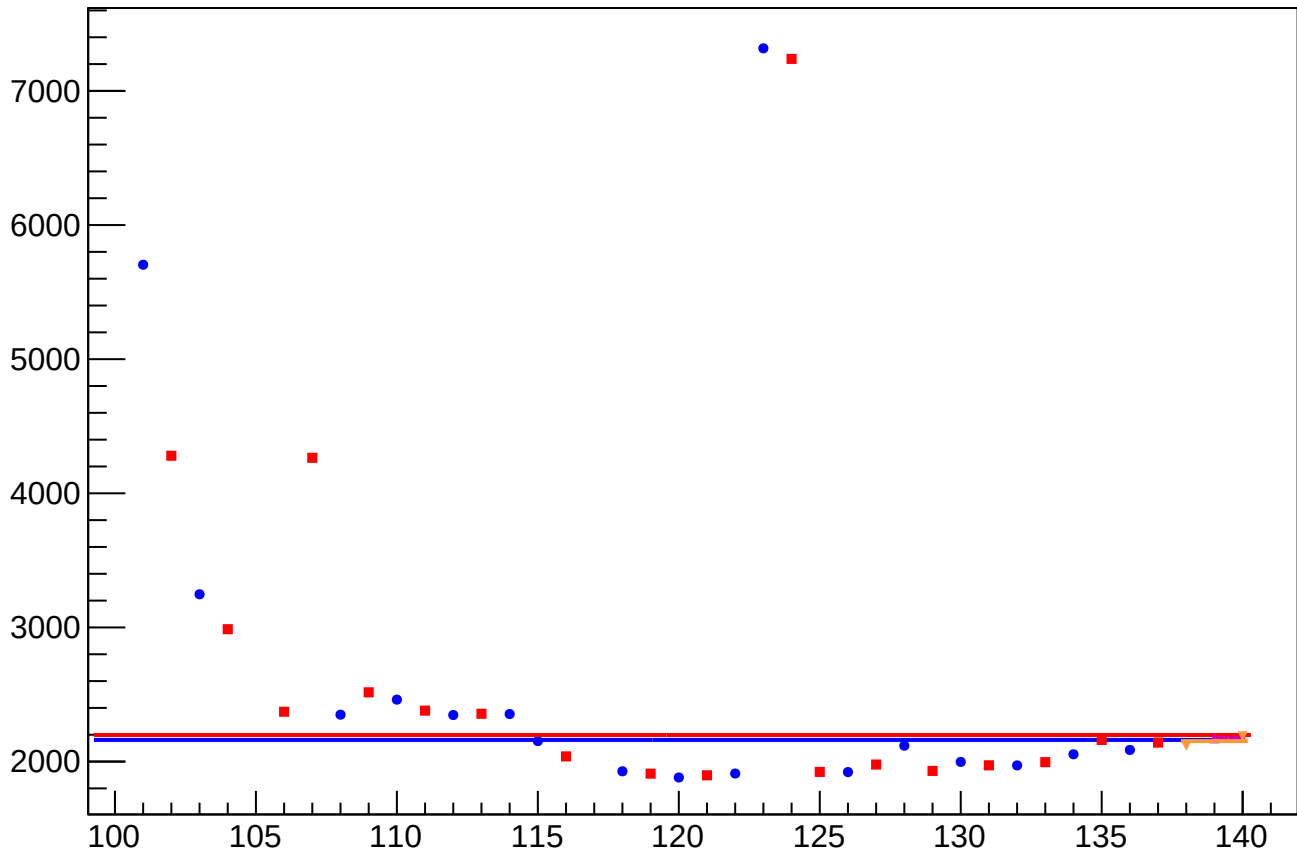
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2824.070 $\pm$ 810.336 χ^2 /NDF:16.6/17

Out: 1724.615 $\pm$ 768.206 χ^2 /NDF:19.8/19

All: 2245.020 $\pm$ 557.503 χ^2 /NDF: 37.3/37

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 2152.613+/-1.236 χ^2/NDF : 809.7/1

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2173.472+/-1.728 χ^2/NDF : 0.0/0

Left: 2159.673+/-1.006 χ^2/NDF : 906.0/2

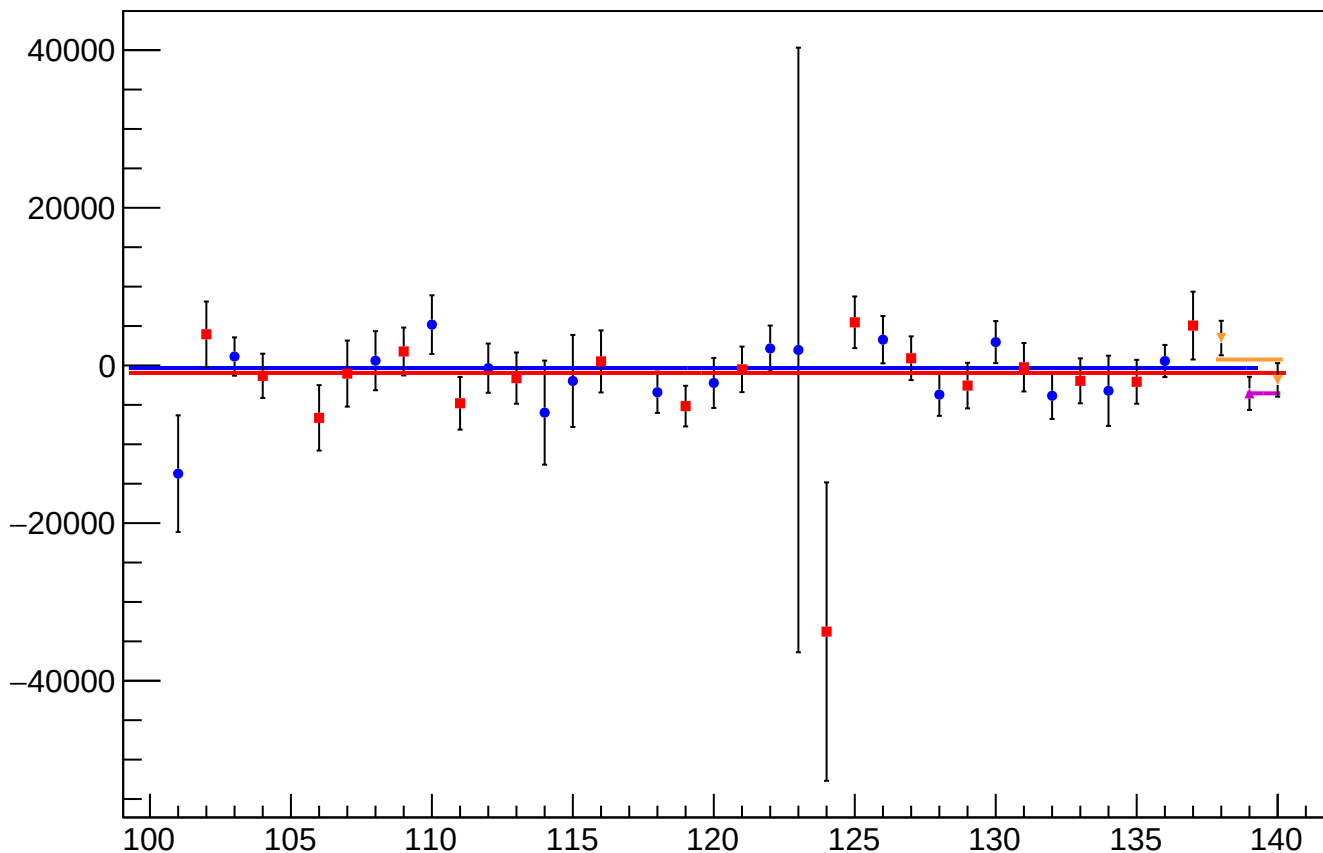
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2162.743+/-0.573 χ^2/NDF : 711296.6/17

Out: 2189.390+/-0.543 χ^2/NDF : 735779.7/19

All: 2176.777+/-0.394 χ^2/NDF : 1448215.2/37

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: 754.718+/-1527.078 χ^2/NDF : 3.0/1

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -3537.894+/-2101.265 χ^2/NDF : 0.0/0

Left: -728.877+/-1235.315 χ^2/NDF : 5.8/2

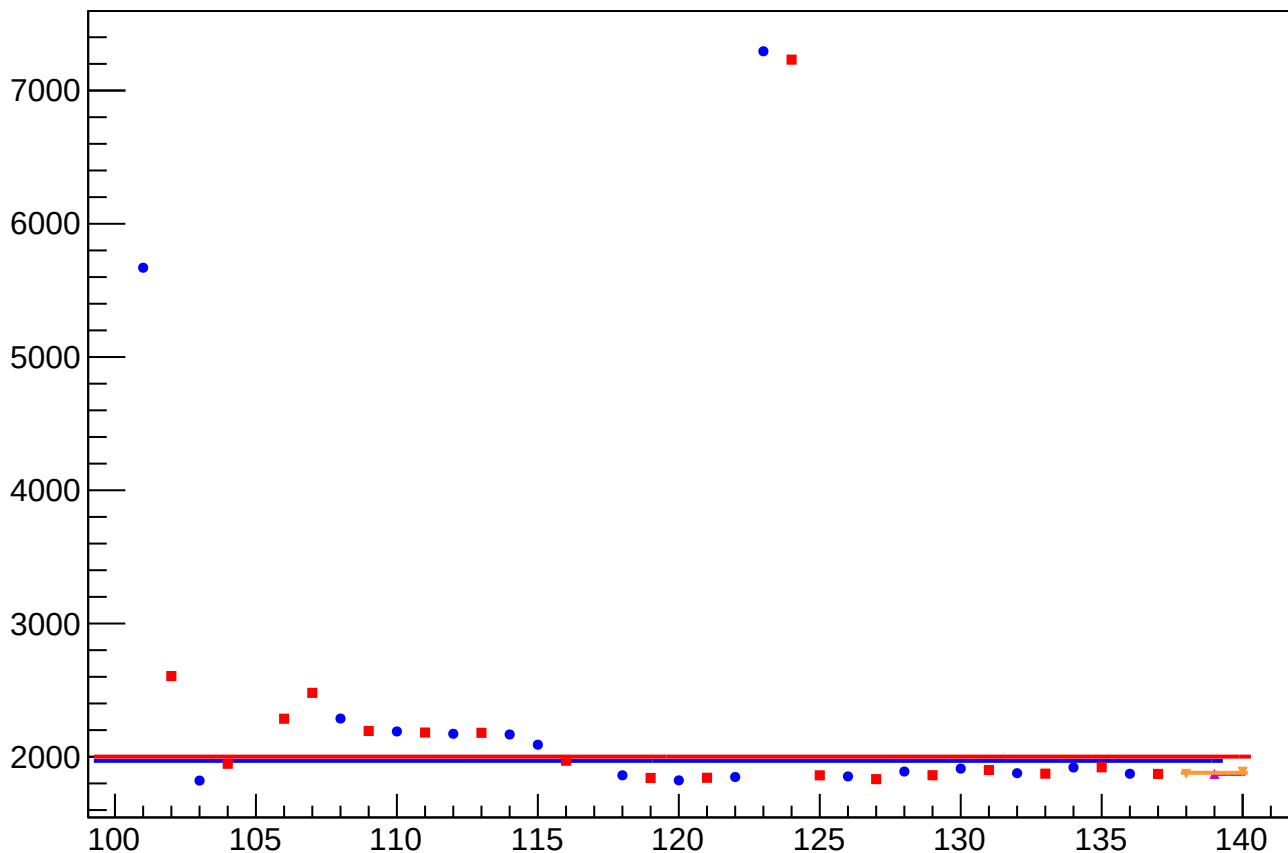
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -712.560+/-730.840 χ^2/NDF : 17.8/17

Out: -605.272+/-687.744 χ^2/NDF : 22.2/19

All: -655.659+/-500.851 χ^2/NDF : 40.0/37

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1879.654+/-1.080 χ^2/NDF :60.4/1

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1871.584+/-1.486 χ^2/NDF :0.0/0

Left: 1876.865+/-0.873 χ^2/NDF : 79.7/2

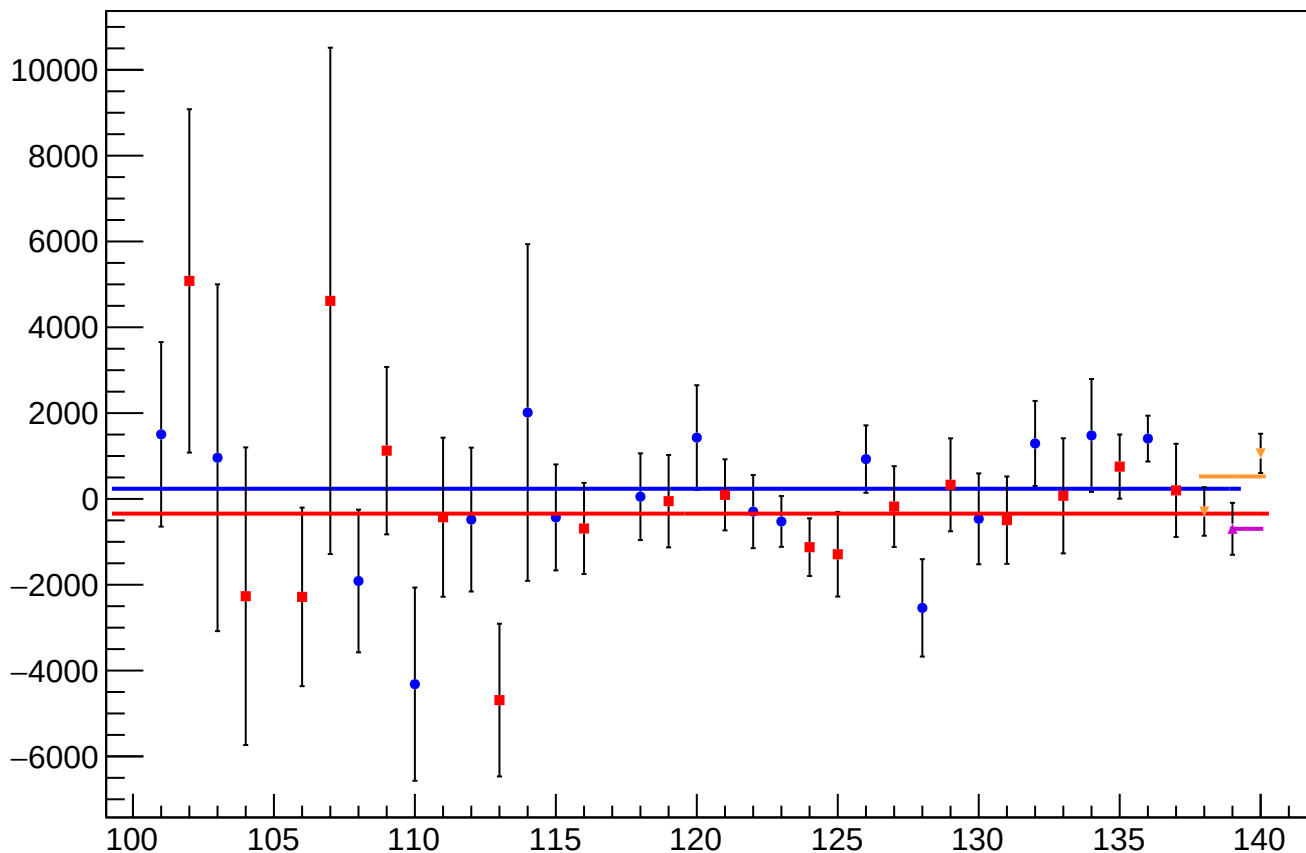
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1957.650+/-0.517 χ^2/NDF :606627.5/17

Out: 1976.529+/-0.486 χ^2/NDF :300781.6/19

All: 1967.663+/-0.354 χ^2/NDF : 908116.9/37

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 524.055 $\pm$ 355.826 χ^2 /NDF:3.5/1

Right Out: -342.796 $\pm$ 268.580 χ^2 /NDF: 15.9/17

Left In: -696.552 $\pm$ 604.978 χ^2 /NDF:0.0/0

Left: 210.332 $\pm$ 306.708 χ^2 /NDF: 6.5/2

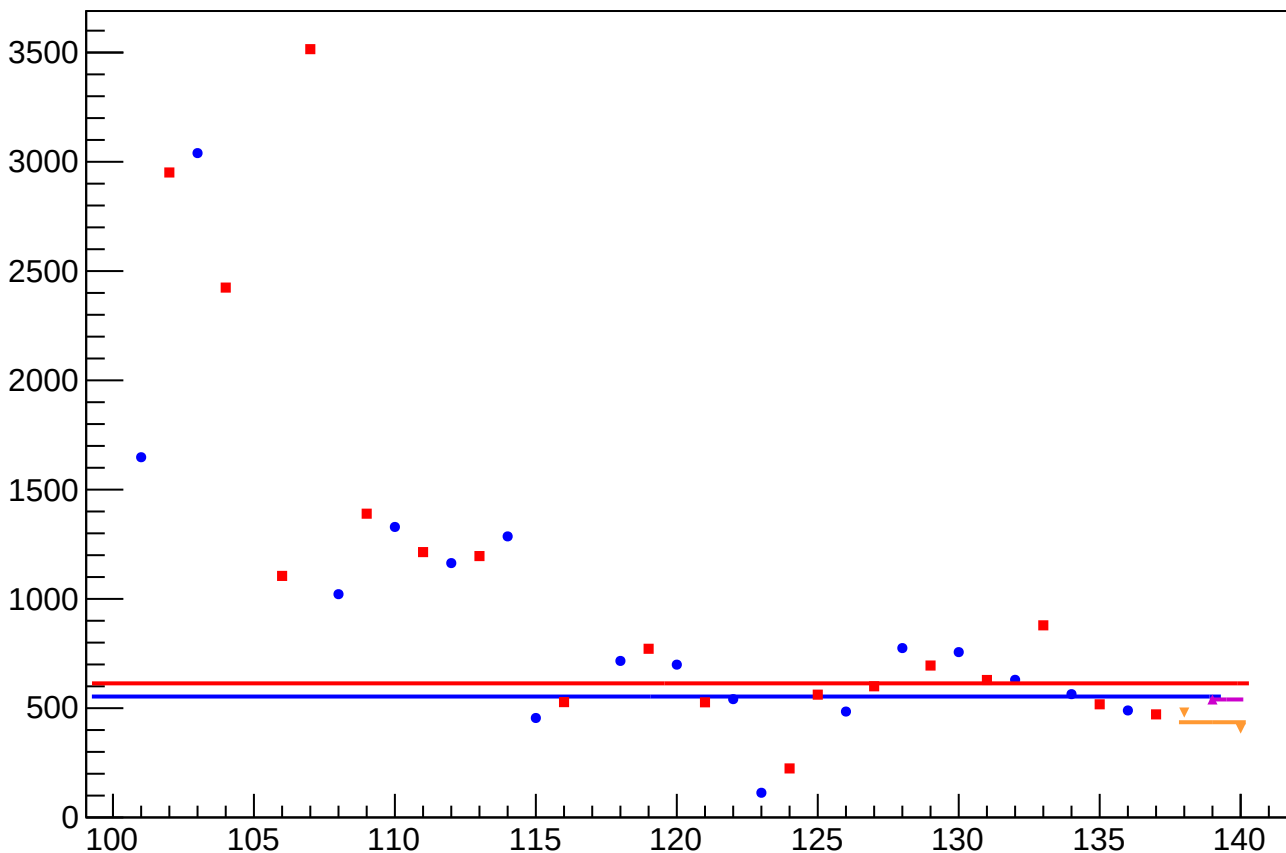
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 102.015 $\pm$ 229.946 χ^2 /NDF:25.9/17

Out: -28.173 $\pm$ 214.368 χ^2 /NDF:23.2/19

All: 32.362 $\pm$ 156.799 χ^2 /NDF: 49.2/37

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 435.707+/-0.252 χ^2/NDF :20358.9/1

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 539.854+/-0.428 χ^2/NDF :0.0/0

Left: 462.475+/-0.217 χ^2/NDF : 64396.4/2

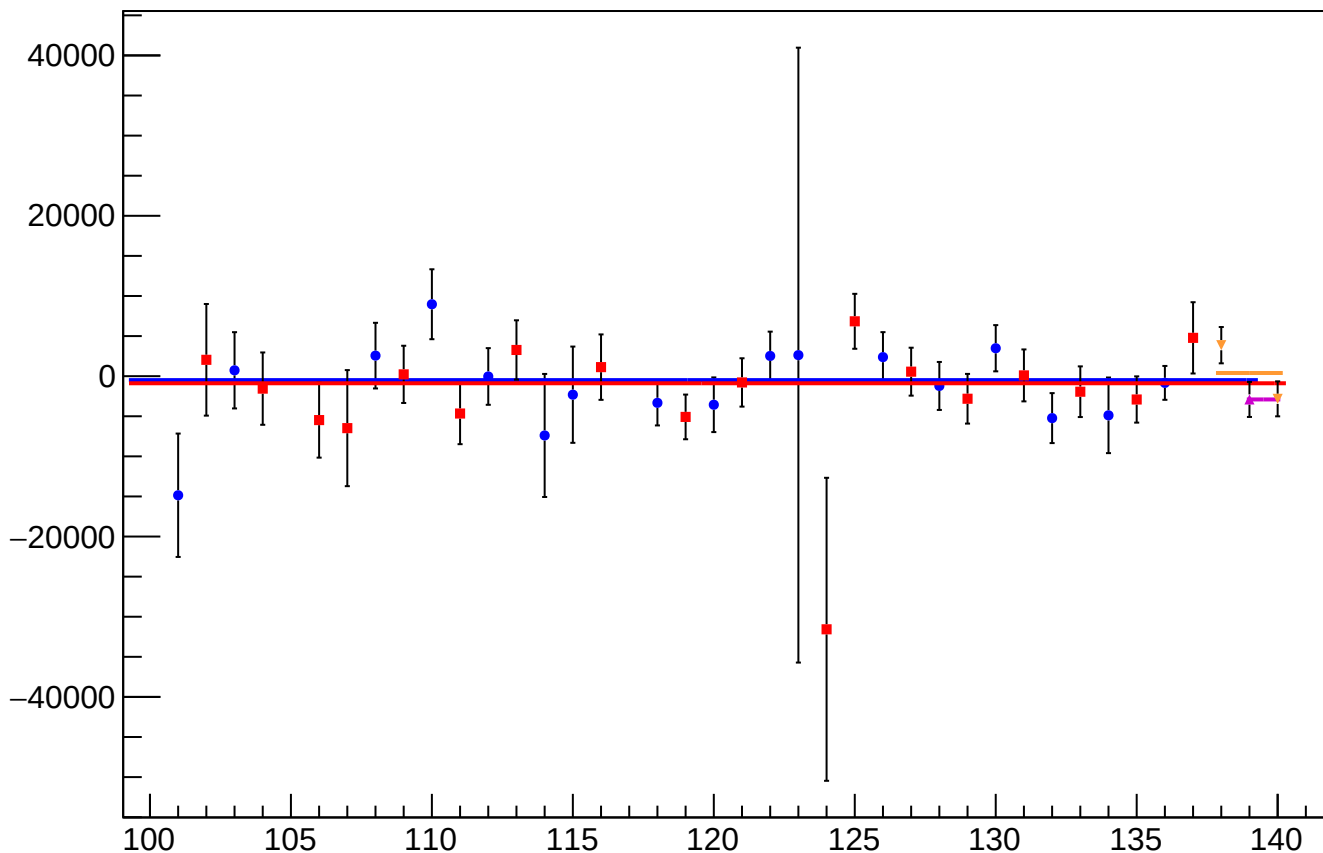
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 551.340+/-0.163 χ^2/NDF :3413590.1/17

Out: 549.019+/-0.152 χ^2/NDF :3815105.5/19

All: 550.098+/-0.111 χ^2/NDF : 7228804.7/37

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: 396.382+/-1570.896 χ^2/NDF : 4.5/1

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

Left In: -2902.124+/-2184.301 χ^2/NDF : 0.0/0

Left: -728.069+/-1275.334 χ^2/NDF : 6.0/2

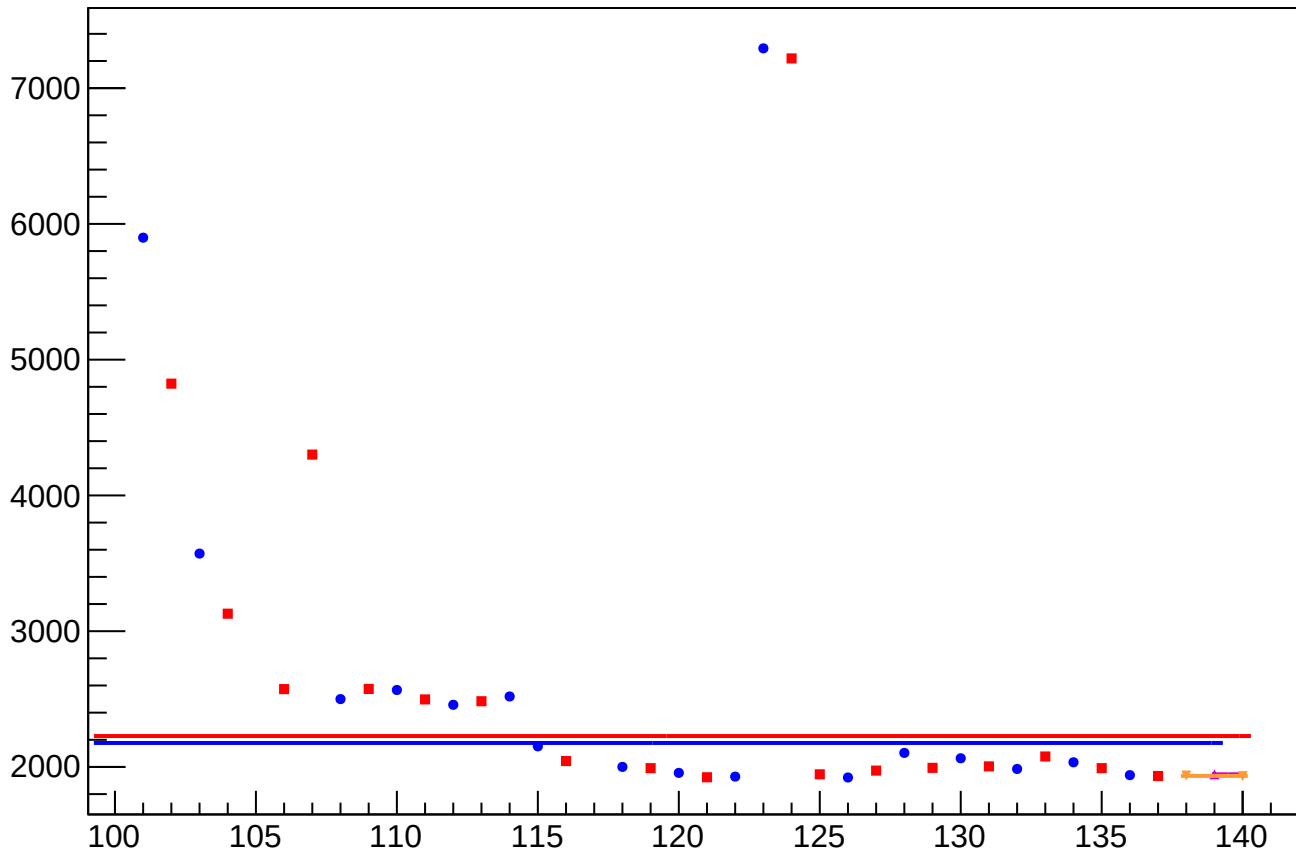
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -820.624+/-806.635 χ^2/NDF : 19.6/17

Out: -584.416+/-760.500 χ^2/NDF : 22.3/19

All: -695.572+/-553.346 χ^2/NDF : 42.0/37

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746+/-0.614 χ^2/NDF : 802677.9/16

Left Out: 1933.868+/-1.111 χ^2/NDF : 4.1/1

Right Out: 2227.688+/-0.615 χ^2/NDF : 825665.5/17

Left In: 1945.709+/-1.545 χ^2/NDF : 0.0/0

Left: 1937.905+/-0.902 χ^2/NDF : 42.8/2

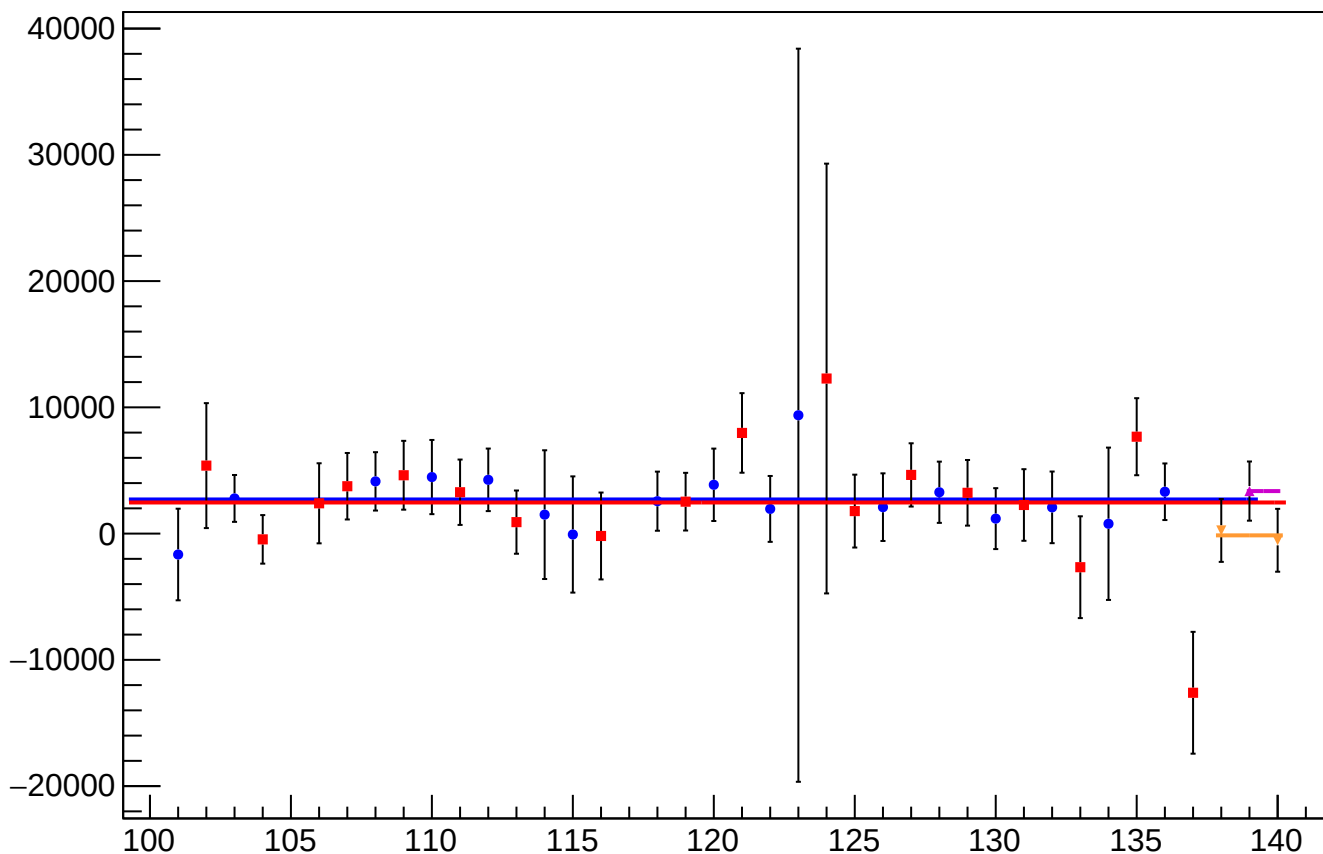
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 2145.239+/-0.570 χ^2/NDF : 822001.9/17

Out: 2158.826+/-0.538 χ^2/NDF : 879238.9/19

All: 2152.432+/-0.391 χ^2/NDF : 1701541.1/37

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: -139.633 $\pm$ 1760.693 χ^2 /NDF:0.0/1

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

Left In: 3367.255 $\pm$ 2343.264 χ^2 /NDF:0.0/0

Left: 1125.829 $\pm$ 1407.618 χ^2 /NDF: 1.5/2

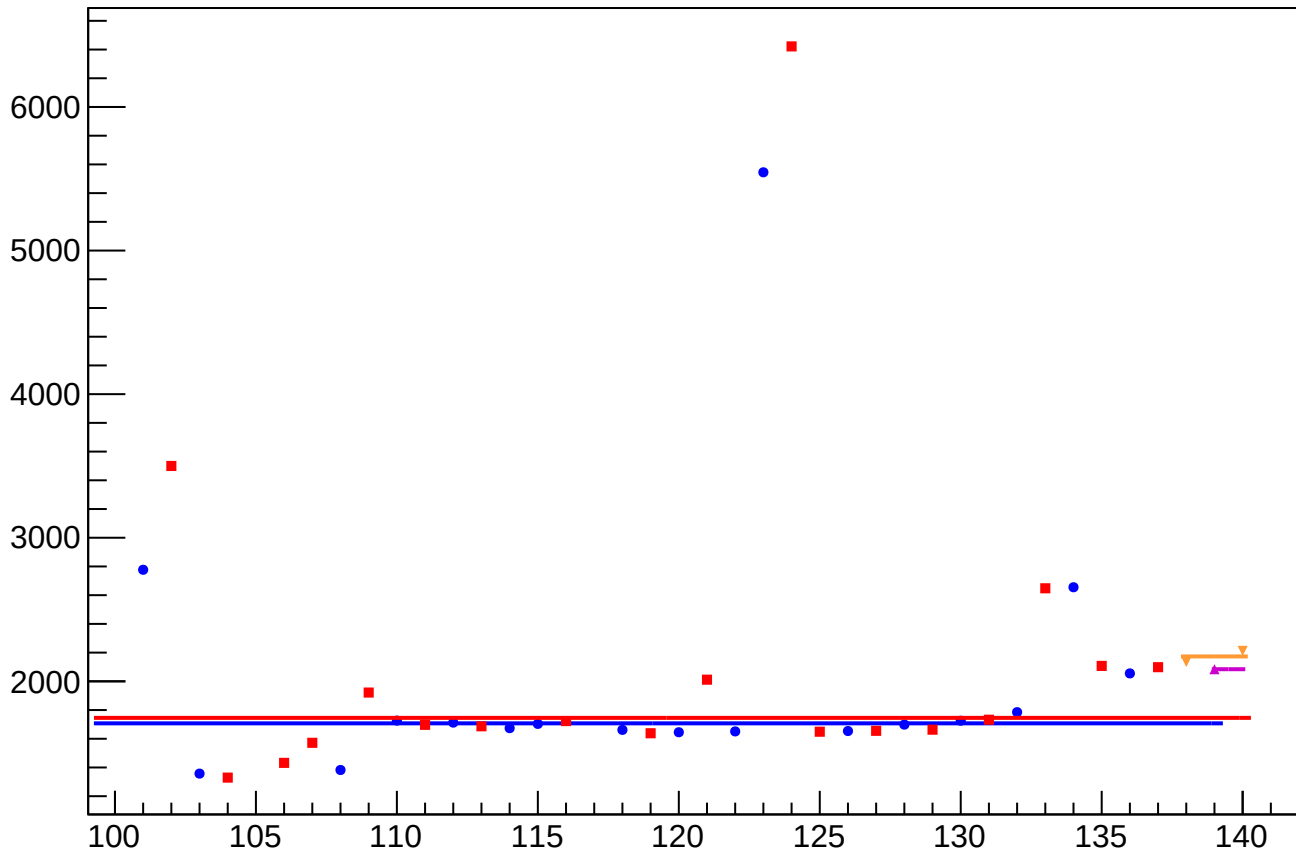
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2754.212 $\pm$ 647.647 χ^2 /NDF:4.1/17

Out: 2123.722 $\pm$ 636.992 χ^2 /NDF:25.1/19

All: 2433.737 $\pm$ 454.142 χ^2 /NDF: 29.7/37

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2173.381+/-1.245 χ^2/NDF : 962.1/1

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 2084.355+/-1.657 χ^2/NDF : 0.0/0

Left: 2141.256+/-0.995 χ^2/NDF : 2807.2/2

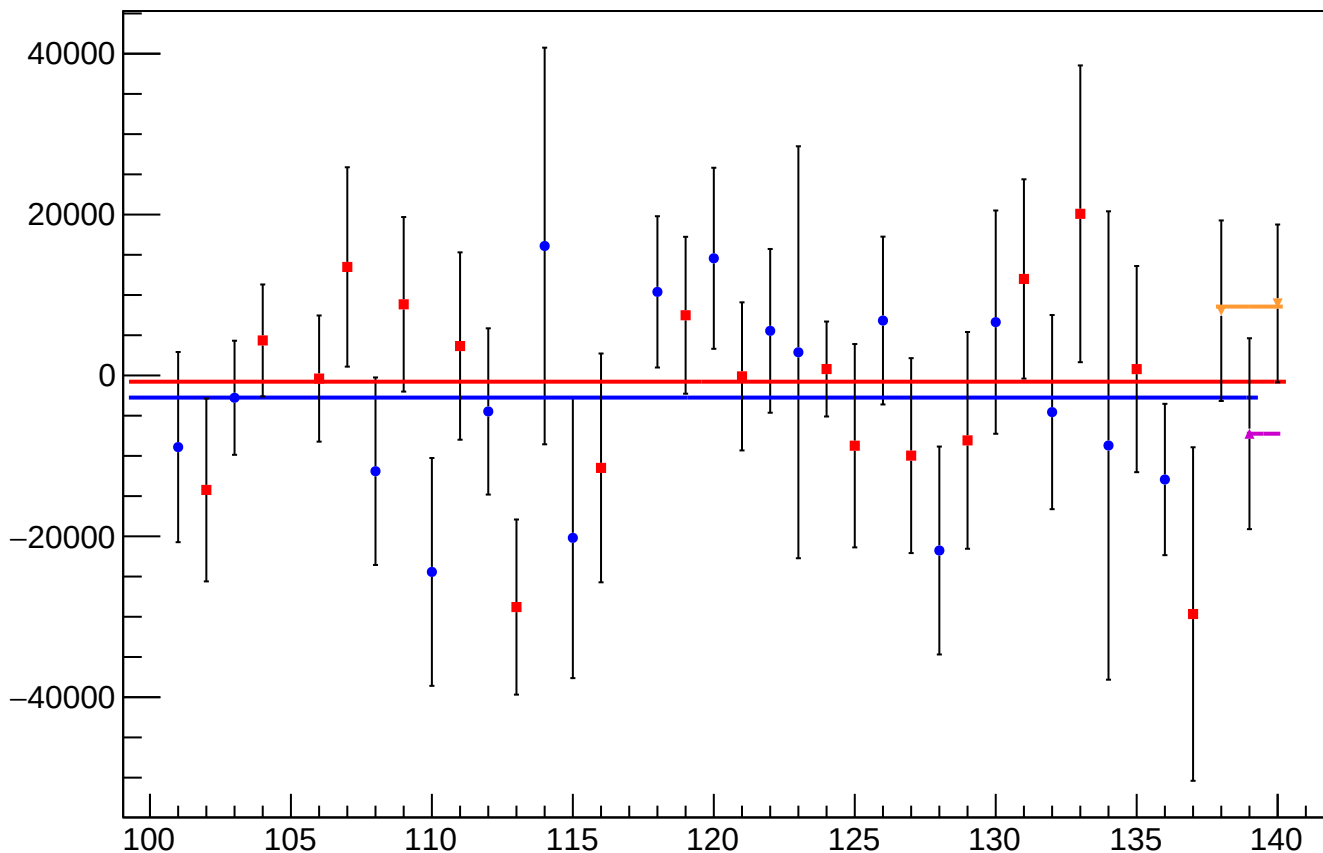
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1736.183+/-0.458 χ^2/NDF : 469973.0/17

Out: 1801.522+/-0.450 χ^2/NDF : 802841.9/19

All: 1769.402+/-0.321 χ^2/NDF : 1283164.3/37

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: 8559.899+/-7387.308 χ^2/NDF : 0.0/1

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: -7241.873+/-11866.367 χ^2/NDF : 0.0/0

Left: 4146.314+/-6271.344 χ^2/NDF : 1.3/2

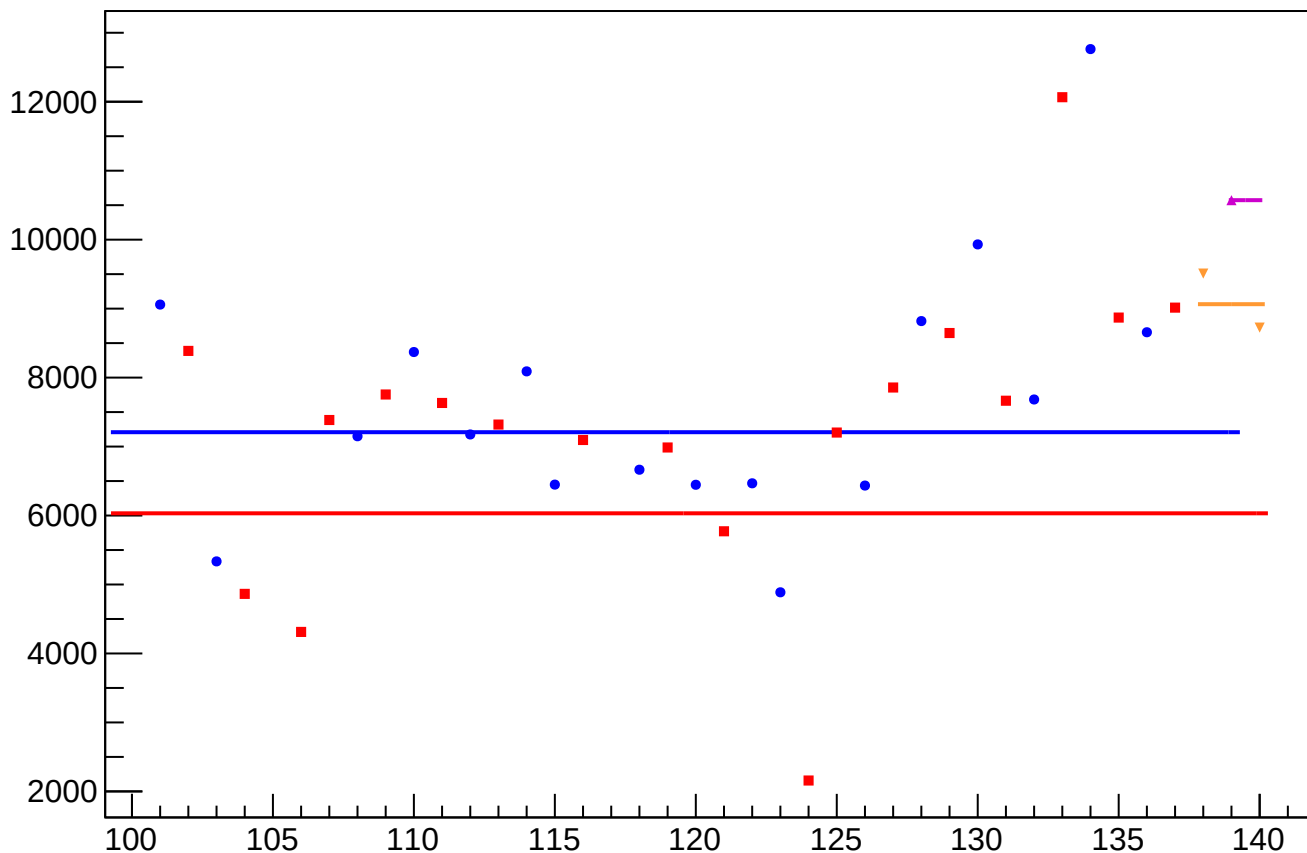
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -2994.429+/-2764.205 χ^2/NDF : 14.7/17

Out: 143.829+/-2317.564 χ^2/NDF : 19.2/19

All: -1151.590+/-1775.952 χ^2/NDF : 34.7/37

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 9064.461+/-5.224 χ^2/NDF : 5521.2/1

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 10572.632+/-8.391 χ^2/NDF : 0.0/0

Left: 9485.708+/-4.435 χ^2/NDF : 28804.4/2

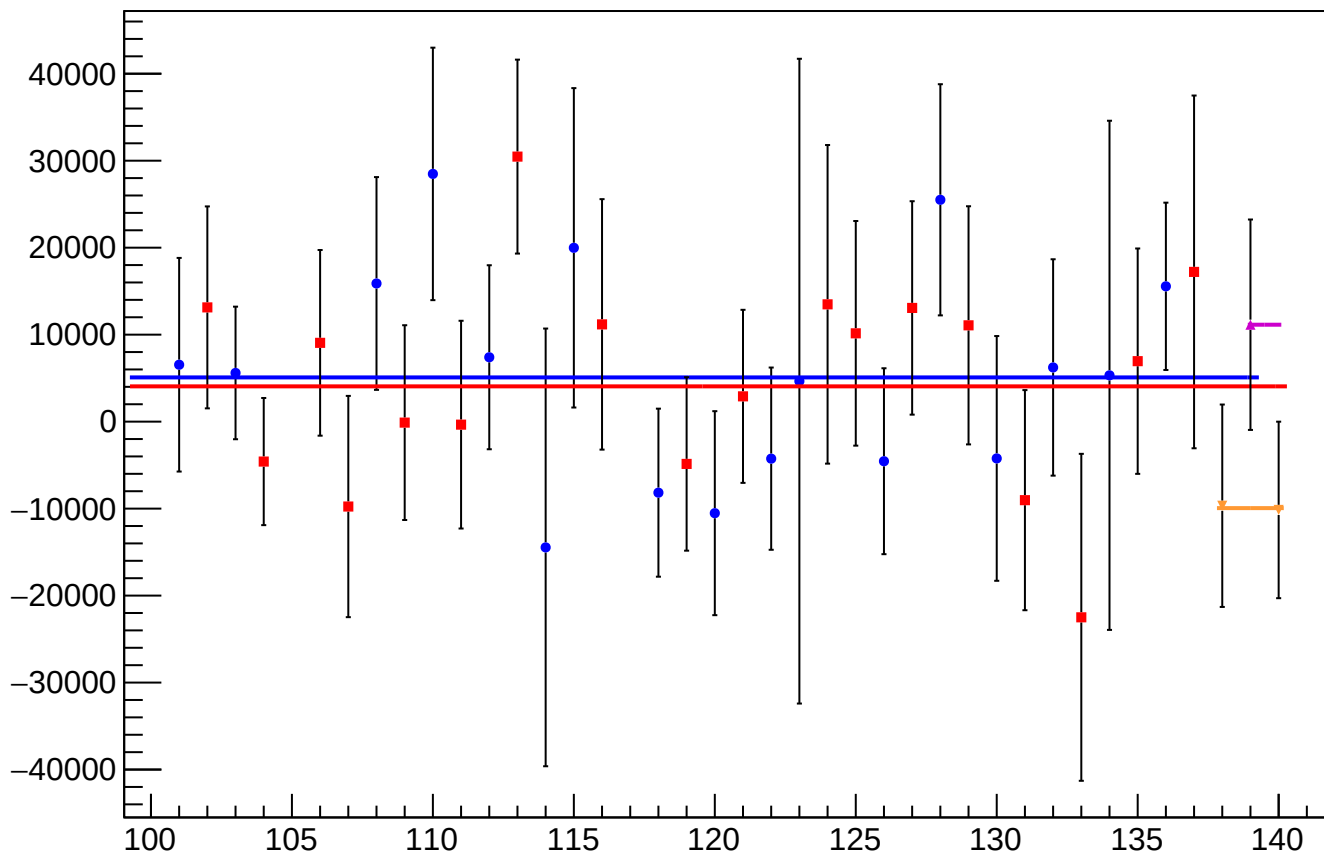
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7390.903+/-1.955 χ^2/NDF : 645787.3/17

Out: 6330.634+/-1.639 χ^2/NDF : 2106890.0/19

All: 6768.295+/-1.256 χ^2/NDF : 2925468.0/37

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: -9942.653+/-7647.280 χ^2/NDF : 0.0/1

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

Left In: 11143.000+/-12095.576 χ^2/NDF : 0.0/0

Left: -3921.145+/-6463.767 χ^2/NDF : 2.2/2

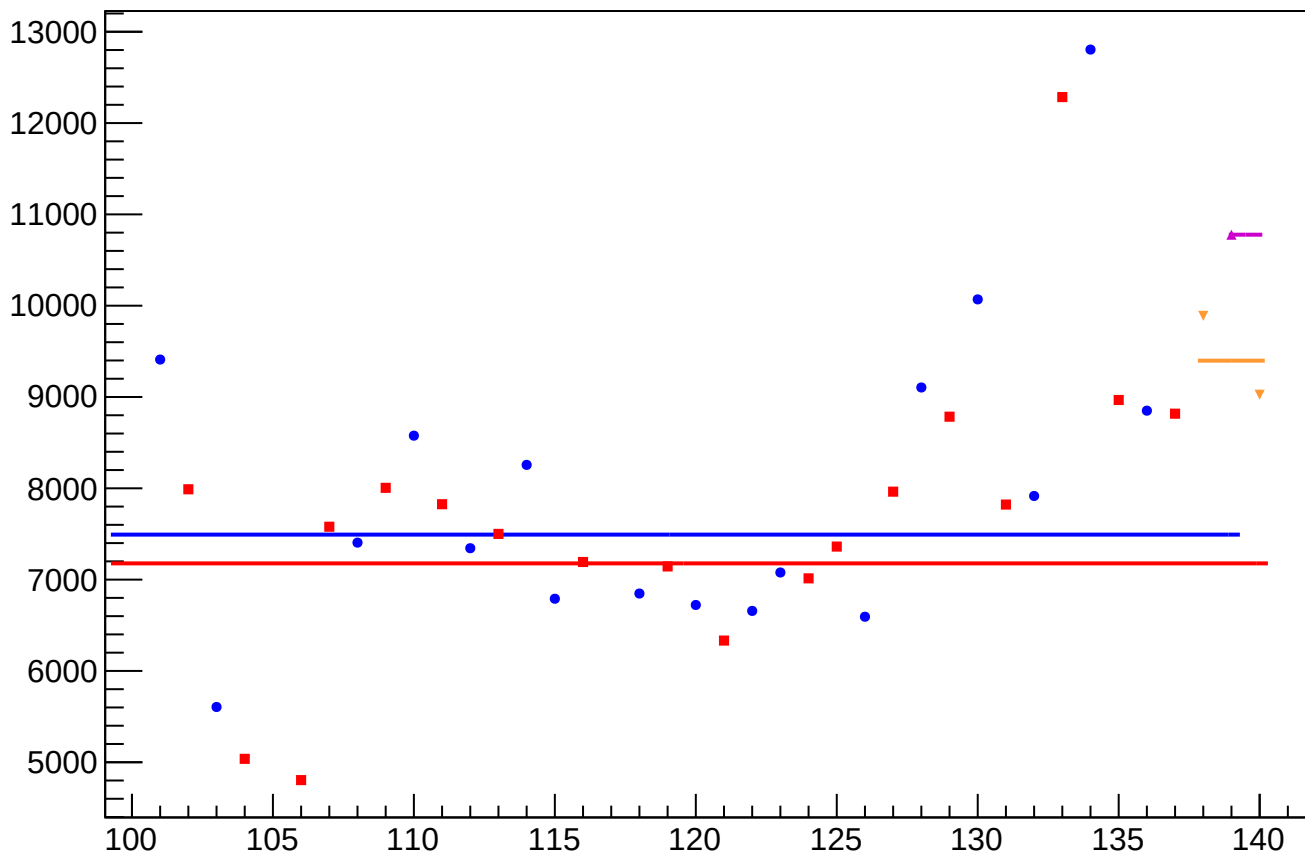
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 5425.906+/-2870.801 χ^2/NDF : 14.2/17

Out: 2400.734+/-2629.361 χ^2/NDF : 18.1/19

All: 3780.780+/-1938.987 χ^2/NDF : 32.9/37

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 9398.007+/-5.407 χ^2/NDF : 6261.5/1

Right Out: 7177.811+/-1.980 χ^2/NDF : 555902.2/17

Left In: 10777.508+/-8.553 χ^2/NDF : 0.0/0

Left: 9791.956+/-4.571 χ^2/NDF : 24847.1/2

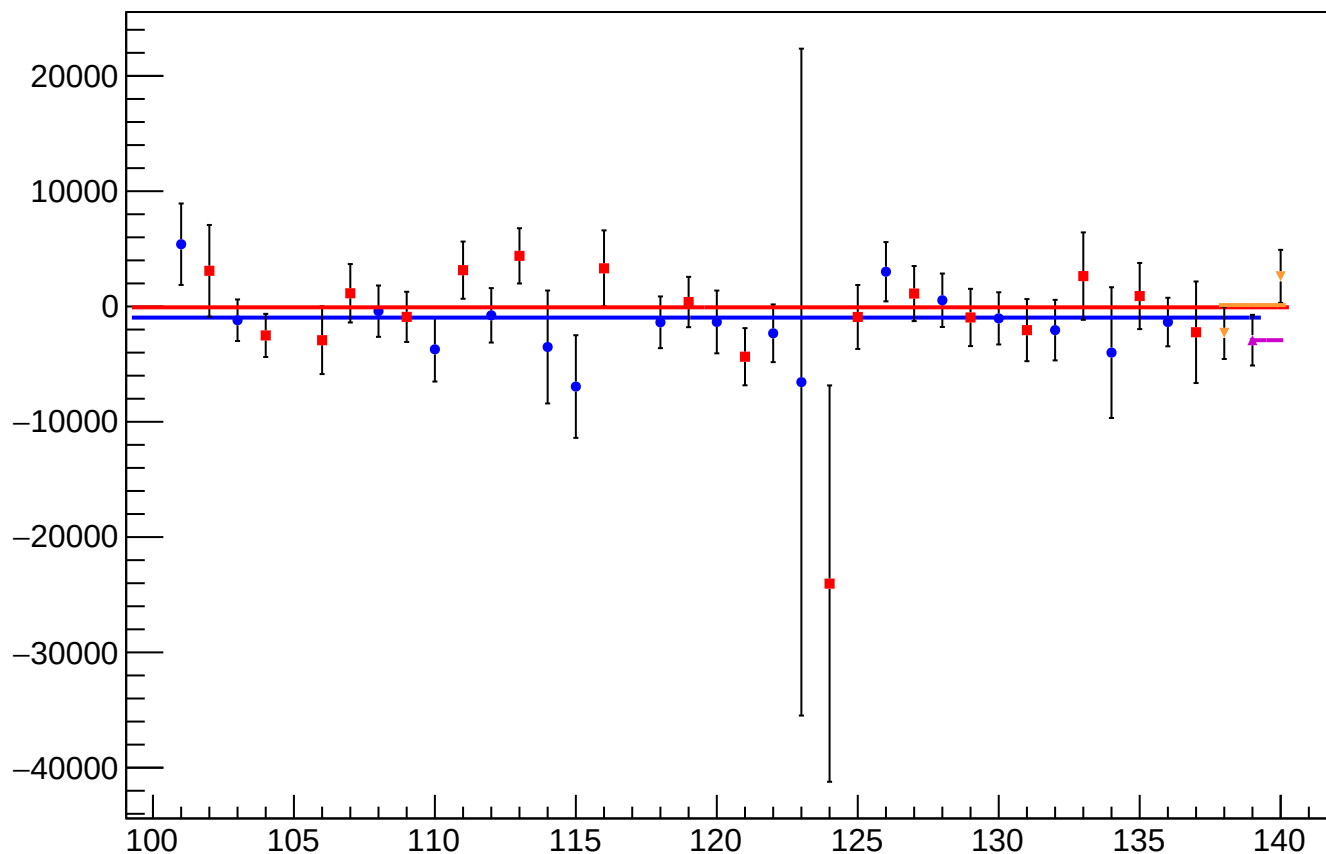
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 7677.936+/-2.030 χ^2/NDF : 576258.9/17

Out: 7440.220+/-1.859 χ^2/NDF : 710816.3/19

All: 7548.652+/-1.371 χ^2/NDF : 1294533.6/37

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: 123.529+/-1613.168 χ^2/NDF : 2.3/1

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: -2922.189+/-2195.337 χ^2/NDF : 0.0/0

Left: -944.391+/-1299.947 χ^2/NDF : 3.6/2

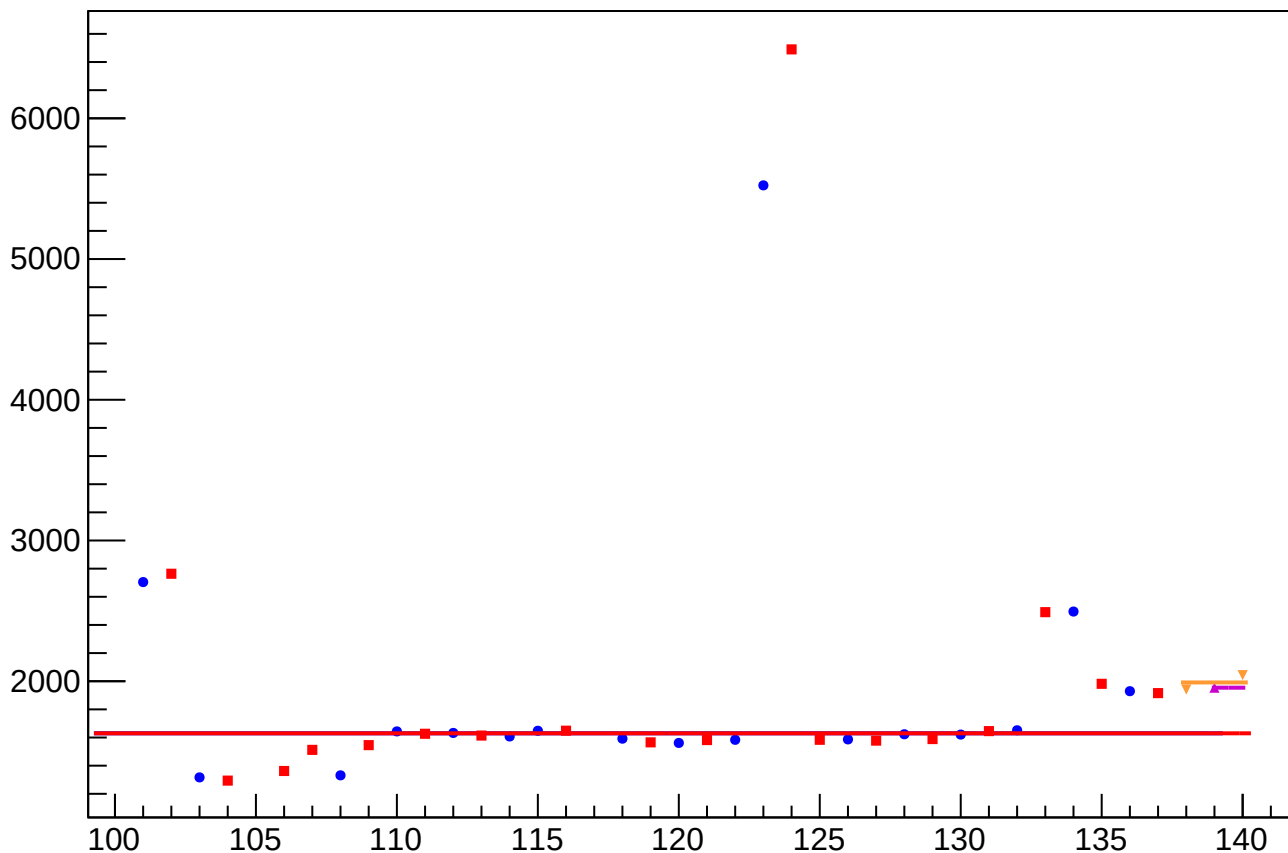
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -1117.381+/-617.098 χ^2/NDF : 10.8/17

Out: -45.221+/-590.408 χ^2/NDF : 19.0/19

All: -557.614+/-426.605 χ^2/NDF : 31.4/37

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 1991.322+/-1.141 χ^2/NDF :1998.7/1

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1954.038+/-1.552 χ^2/NDF :0.0/0

Left: 1978.249+/-0.919 χ^2/NDF : 2373.3/2

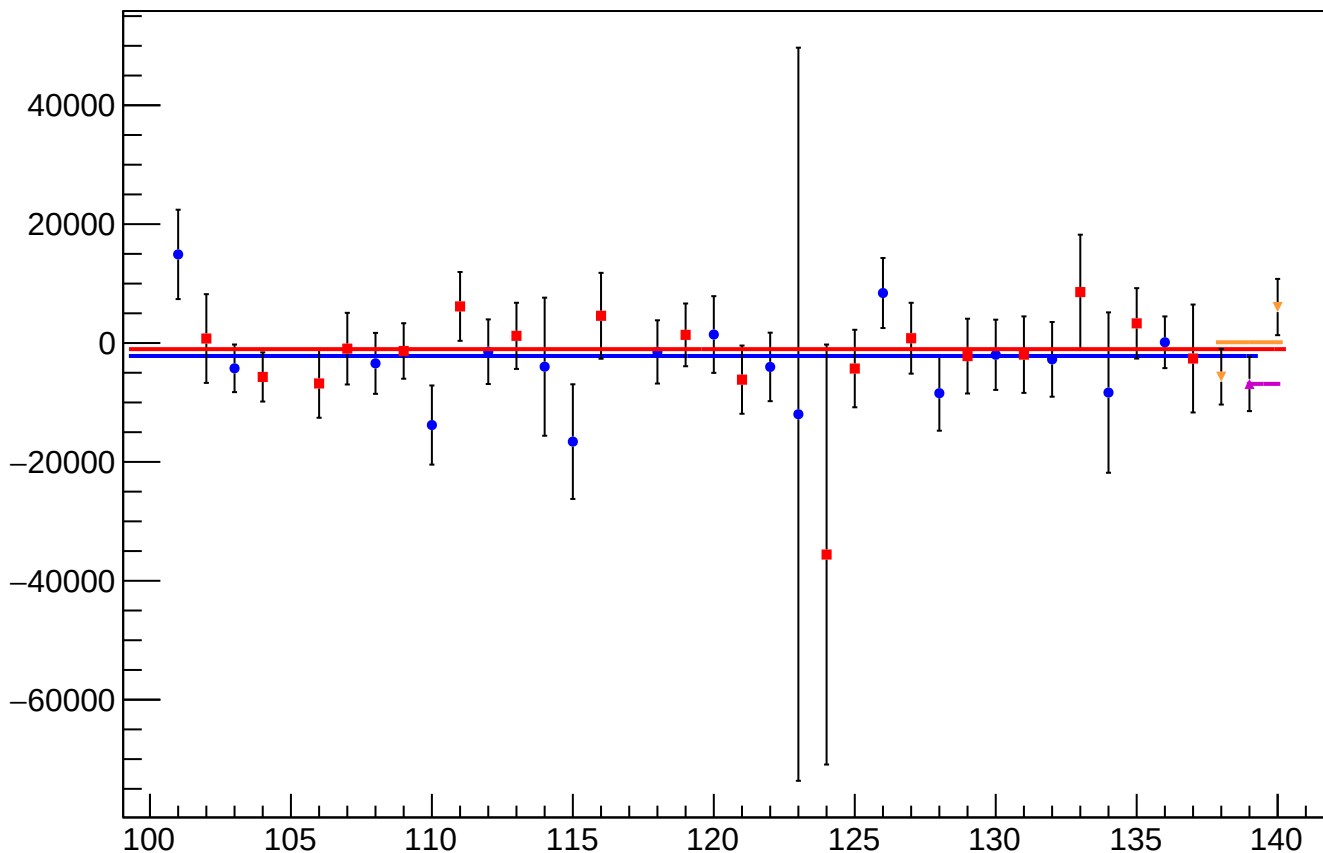
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1655.561+/-0.436 χ^2/NDF :448293.3/17

Out: 1678.348+/-0.417 χ^2/NDF :646380.5/19

All: 1667.458+/-0.302 χ^2/NDF : 1096097.6/37

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244+/-1493.026 χ^2/NDF : 16.0/16

Left Out: 131.109+/-3329.085 χ^2/NDF : 3.1/1

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -6874.772+/-4578.669 χ^2/NDF : 0.0/0

Left: -2291.732+/-2692.590 χ^2/NDF : 4.6/2

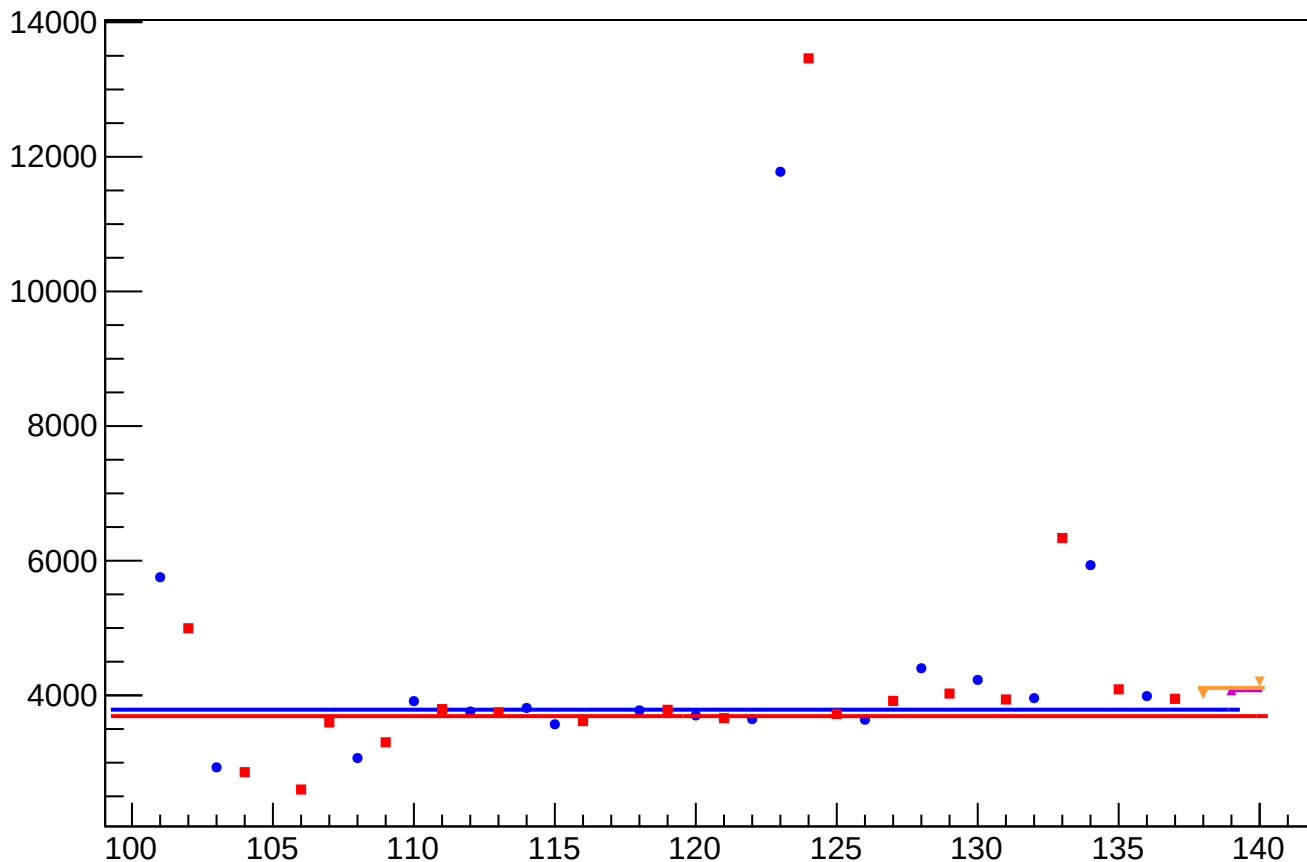
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -2630.534+/-1419.466 χ^2/NDF : 16.9/17

Out: -843.964+/-1323.458 χ^2/NDF : 11.8/19

All: -1674.792+/-967.989 χ^2/NDF : 29.6/37

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 4109.965+/-2.354 χ^2/NDF : 1608.9/1

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 4075.683+/-3.238 χ^2/NDF : 0.0/0

Left: 4098.109+/-1.904 χ^2/NDF : 1682.3/2

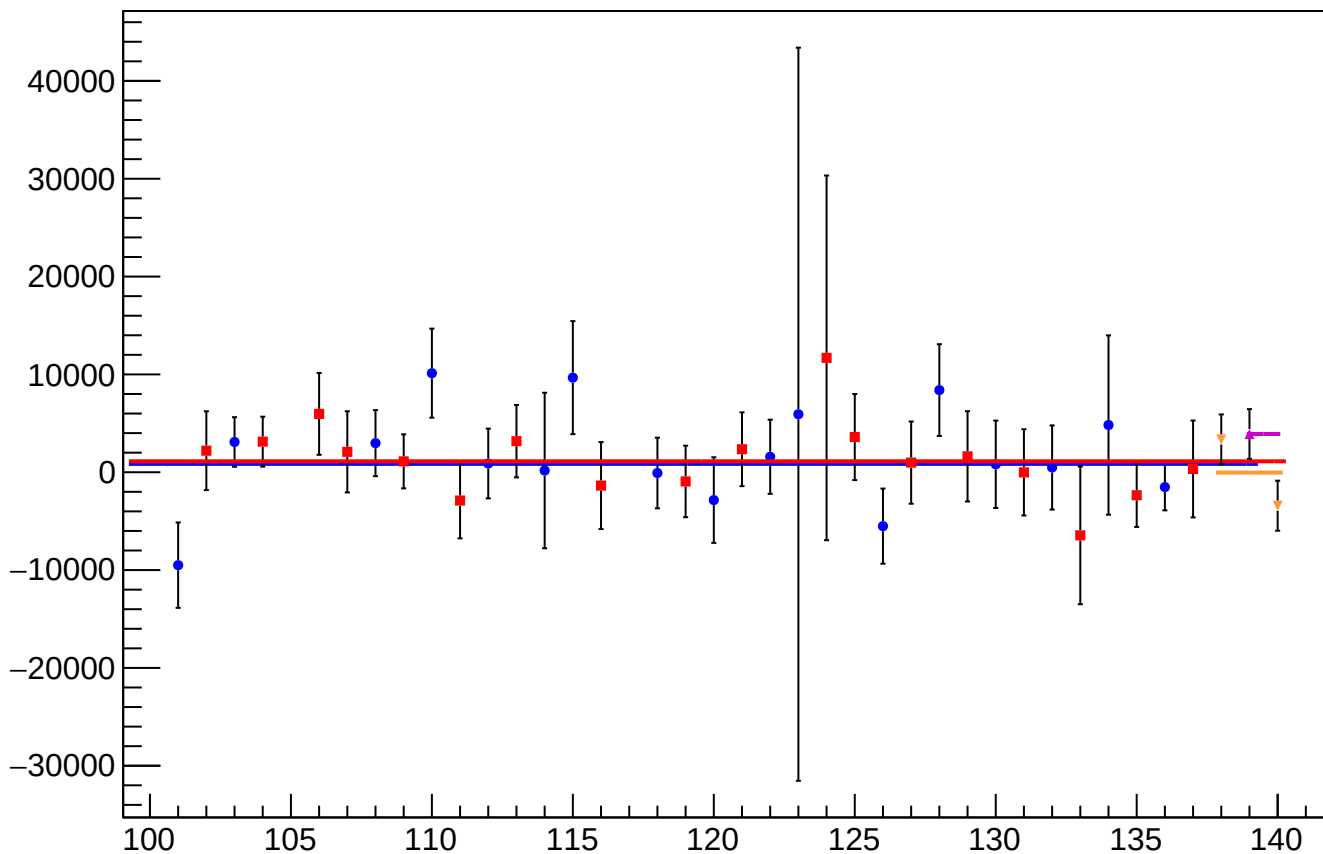
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3815.018+/-1.004 χ^2/NDF : 399822.2/17

Out: 3757.418+/-0.936 χ^2/NDF : 583405.1/19

All: 3784.204+/-0.684 χ^2/NDF : 984989.1/37

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -37.697 $\pm$ 1808.937 χ^2 /NDF: 3.5/1

Right Out: 1117.553 $\pm$ 927.195 χ^2 /NDF: 7.3/17

Left In: 3908.565 $\pm$ 2542.854 χ^2 /NDF: 0.0/0

Left: 1288.313 $\pm$ 1474.015 χ^2 /NDF: 5.1/2

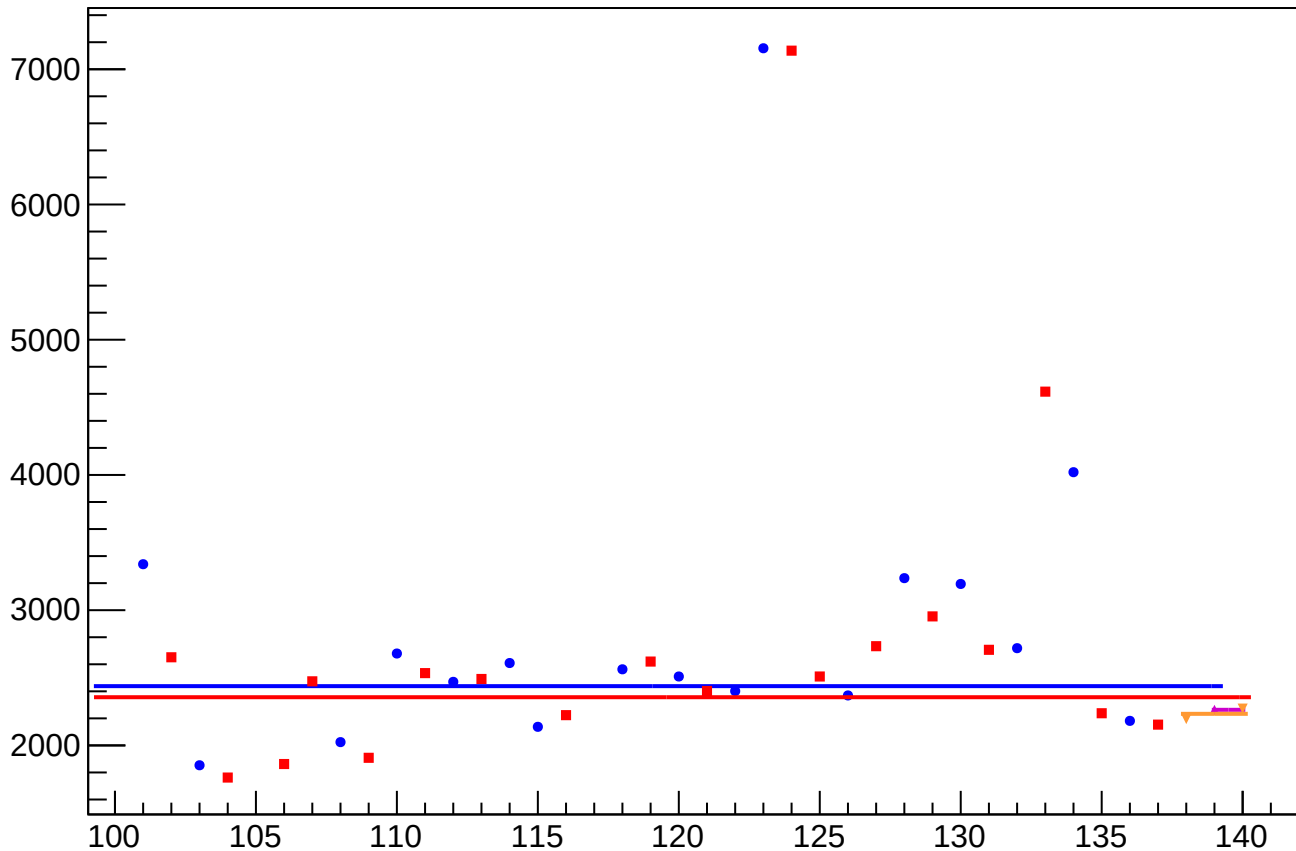
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 1240.262 $\pm$ 902.007 χ^2 /NDF: 21.9/17

Out: 877.192 $\pm$ 825.120 χ^2 /NDF: 11.1/19

All: 1042.596 $\pm$ 608.819 χ^2 /NDF: 33.1/37

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2233.535+/-1.279 χ^2/NDF : 914.6/1

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

Left In: 2263.240+/-1.798 χ^2/NDF : 0.0/0

Left: 2243.517+/-1.042 χ^2/NDF : 1095.8/2

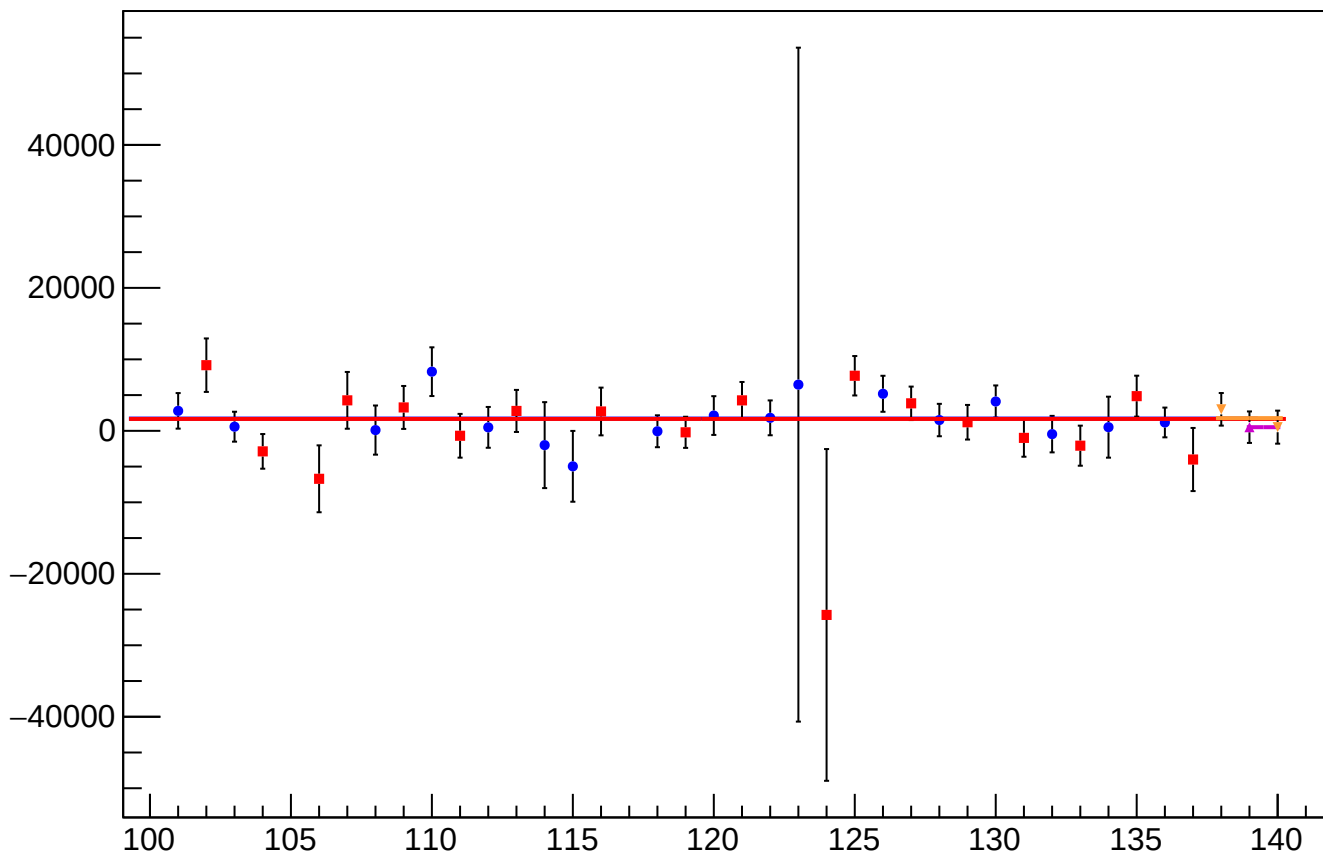
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2416.251+/-0.638 χ^2/NDF : 485007.3/17

Out: 2330.841+/-0.583 χ^2/NDF : 637354.8/19

All: 2369.751+/-0.430 χ^2/NDF : 1132124.8/37

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566+/-667.149 χ^2/NDF : 11.4/16

Left Out: 1778.993+/-1622.931 χ^2/NDF : 0.6/1

Right Out: 1665.369+/-695.701 χ^2/NDF : 26.8/17

Left In: 511.873+/-2202.564 χ^2/NDF : 0.0/0

Left: 1333.116+/-1306.553 χ^2/NDF : 0.8/2

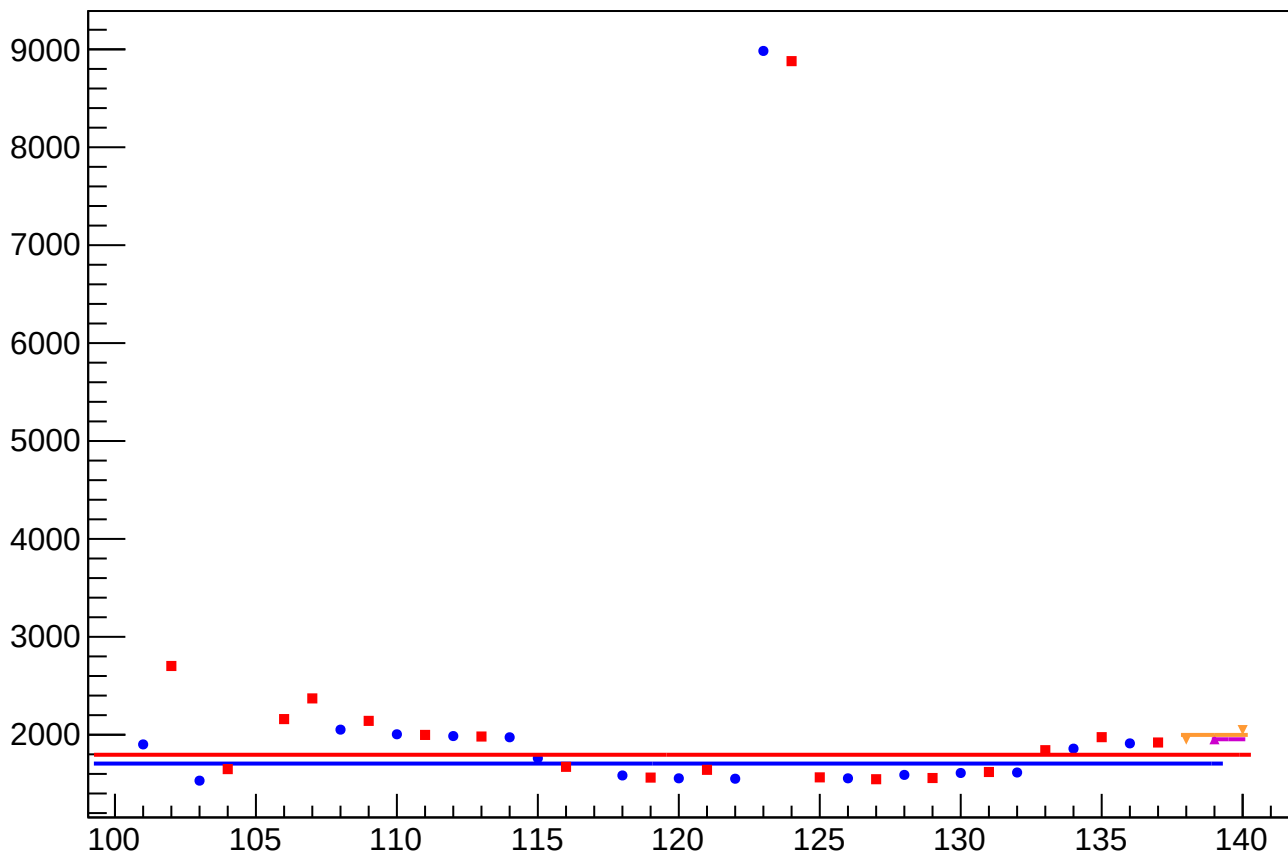
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 1611.664+/-638.502 χ^2/NDF : 11.6/17

Out: 1683.007+/-639.428 χ^2/NDF : 27.4/19

All: 1647.284+/-451.816 χ^2/NDF : 39.1/37

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1998.403 $\pm$ 1.148 χ^2 /NDF:1792.4/1

Right Out: 1795.574 $\pm$ 0.491 χ^2 /NDF: 518805.1/17

Left In: 1953.803 $\pm$ 1.557 χ^2 /NDF:0.0/0

Left: 1982.709 $\pm$ 0.924 χ^2 /NDF: 2323.9/2

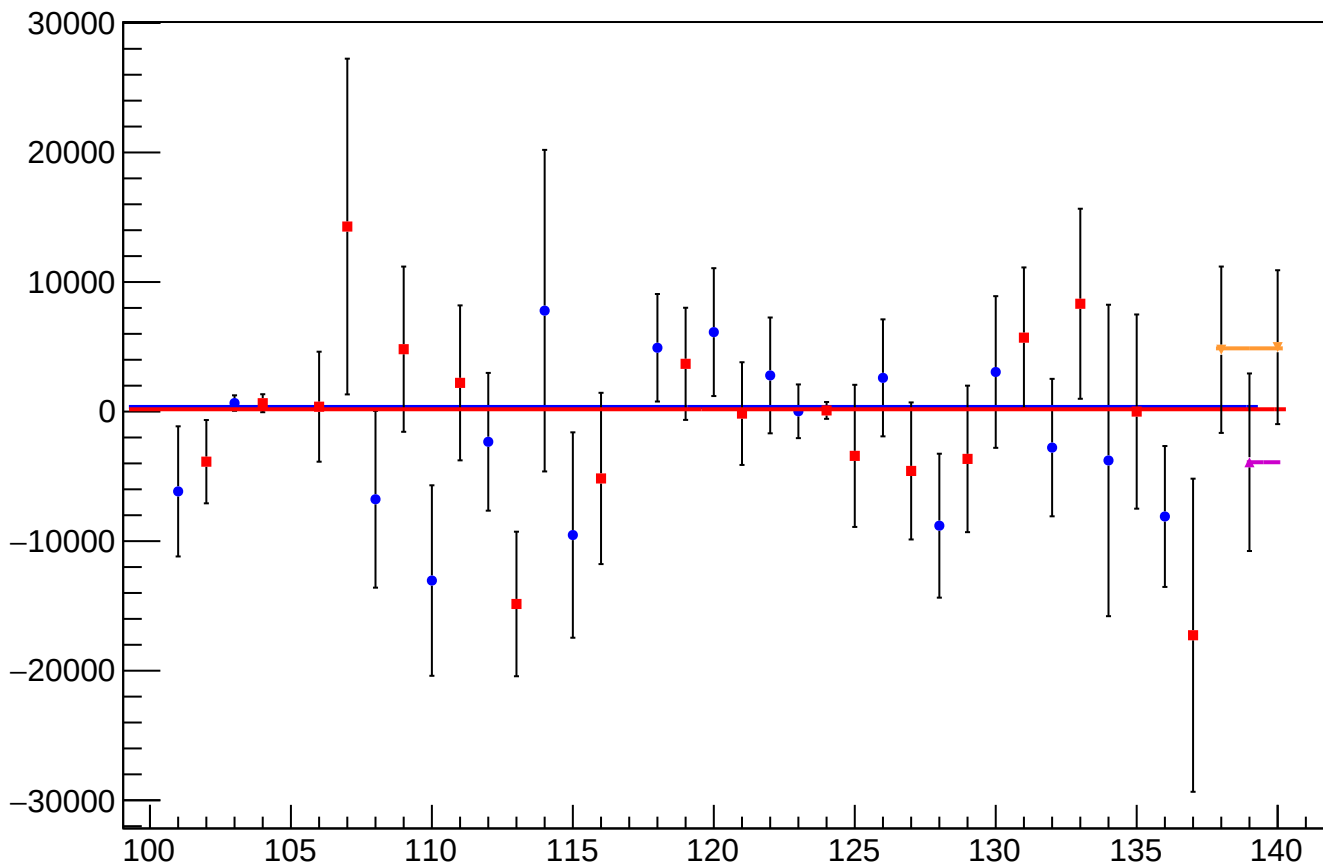
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1726.480 $\pm$ 0.451 χ^2 /NDF:217432.8/17

Out: 1826.943 $\pm$ 0.451 χ^2 /NDF:547004.5/19

All: 1776.732 $\pm$ 0.319 χ^2 /NDF: 789203.9/37

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: 4880.568 $\pm$ 4359.848 χ^2 /NDF:0.0/1

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

Left In: -3909.832 $\pm$ 6852.478 χ^2 /NDF:0.0/0

Left: 2347.543 $\pm$ 3678.435 χ^2 /NDF: 1.2/2

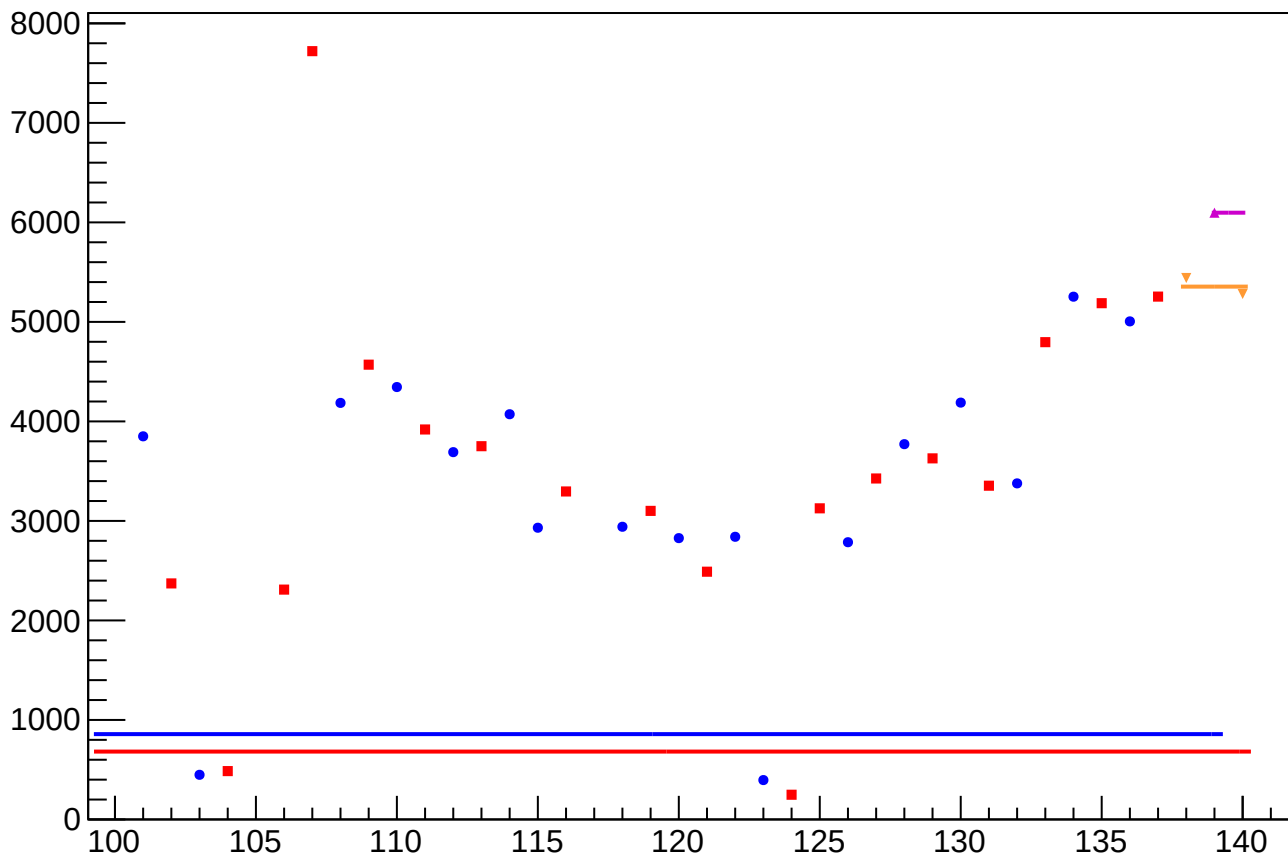
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 331.345 $\pm$ 531.602 χ^2 /NDF:17.9/17

Out: 228.089 $\pm$ 444.664 χ^2 /NDF:19.7/19

All: 270.594 $\pm$ 341.075 χ^2 /NDF: 37.6/37

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 5354.525+/-3.083 χ^2/NDF : 675.0/1

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 6097.309+/-4.845 χ^2/NDF : 0.0/0

Left: 5568.564+/-2.601 χ^2/NDF : 17403.0/2

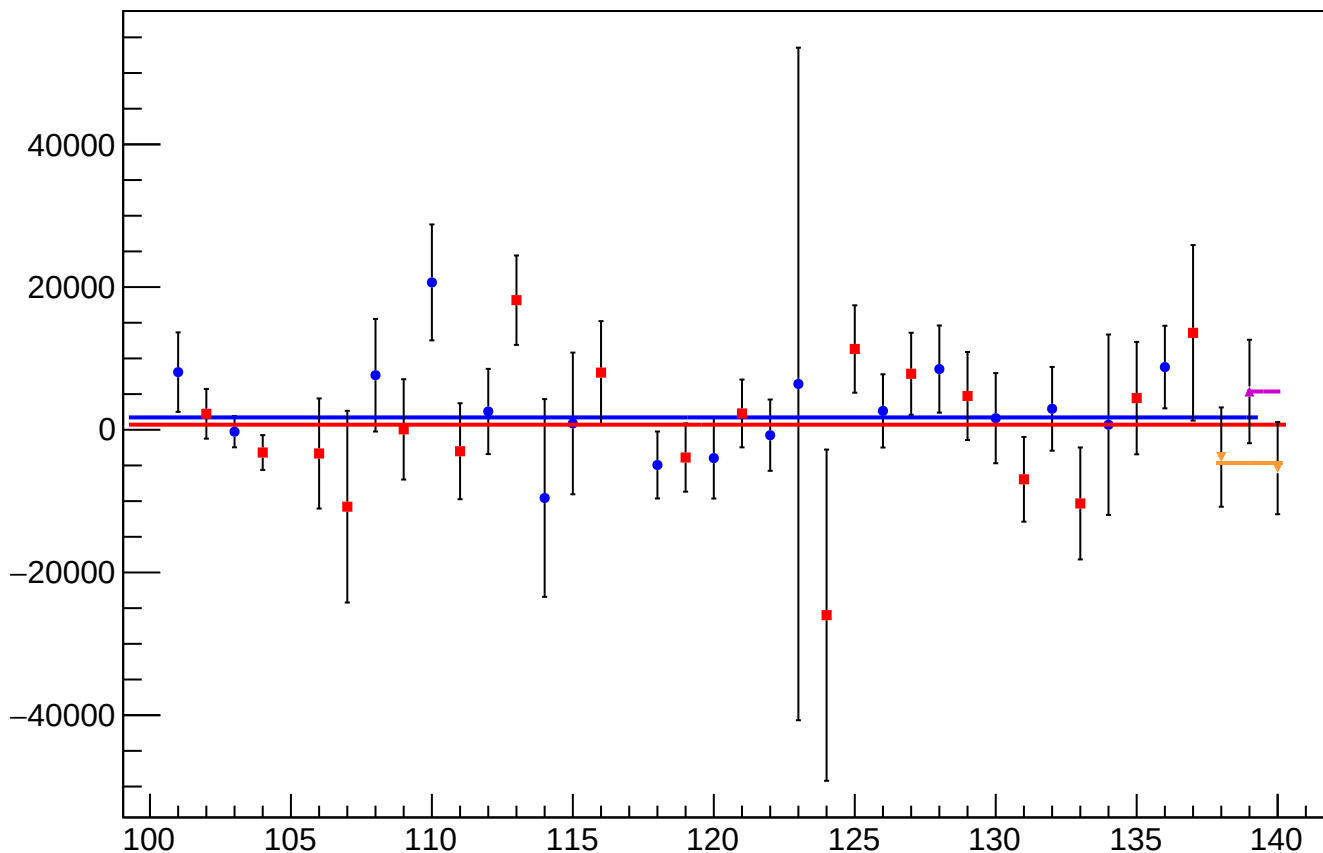
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 889.007+/-0.376 χ^2/NDF : 9337642.0/17

Out: 730.717+/-0.314 χ^2/NDF : 11652395.5/19

All: 795.877+/-0.241 χ^2/NDF : 21094364.9/37

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: -4657.140+/-4734.858 χ^2/NDF : 0.0/1

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

Left In: 5367.045+/-7248.795 χ^2/NDF : 0.0/0

Left: -1659.283+/-3964.119 χ^2/NDF : 1.4/2

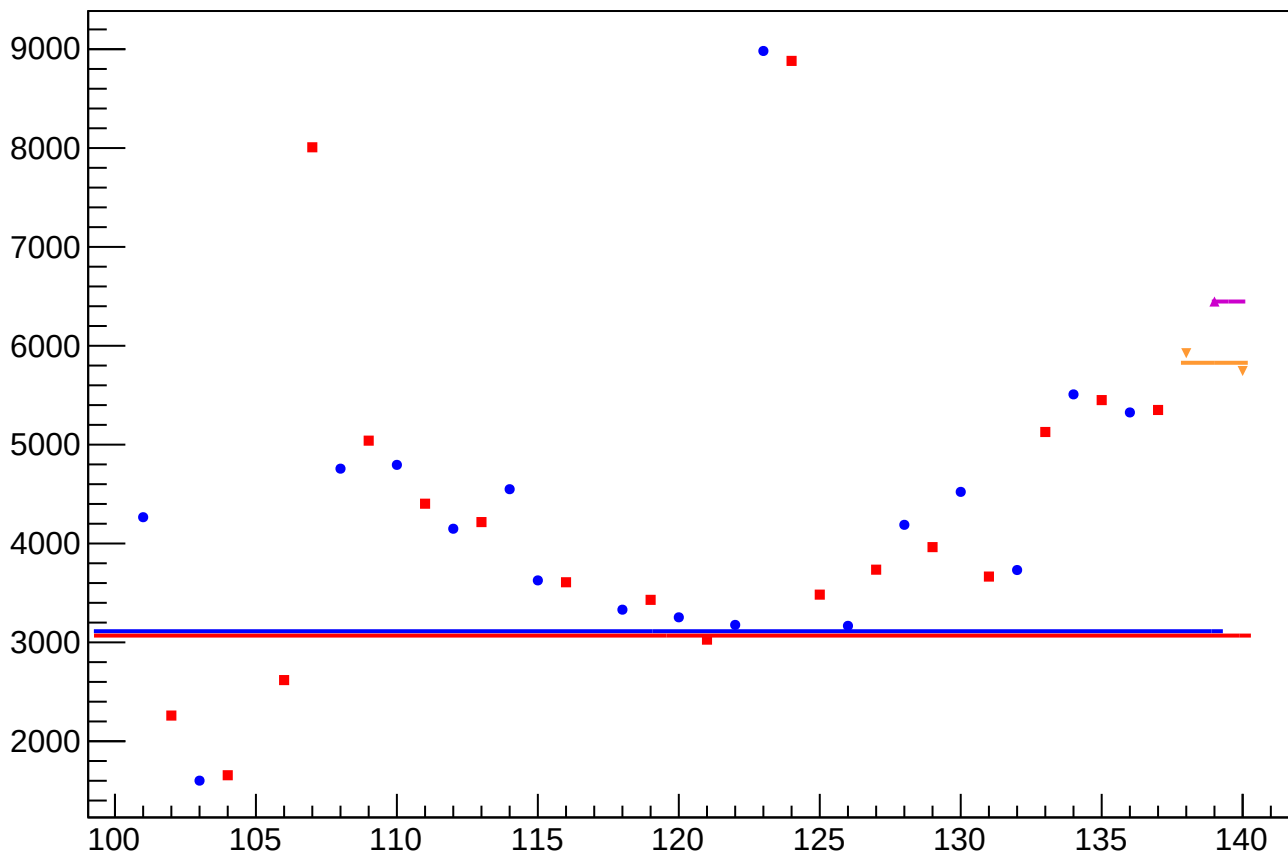
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1847.282+/-1283.977 χ^2/NDF : 15.1/17

Out: 343.886+/-1245.261 χ^2/NDF : 26.4/19

All: 1072.576+/-893.906 χ^2/NDF : 42.2/37

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5828.017+/-3.348 χ^2/NDF : 719.2/1

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 6447.626+/-5.126 χ^2/NDF : 0.0/0

Left: 6013.319+/-2.803 χ^2/NDF : 10961.8/2

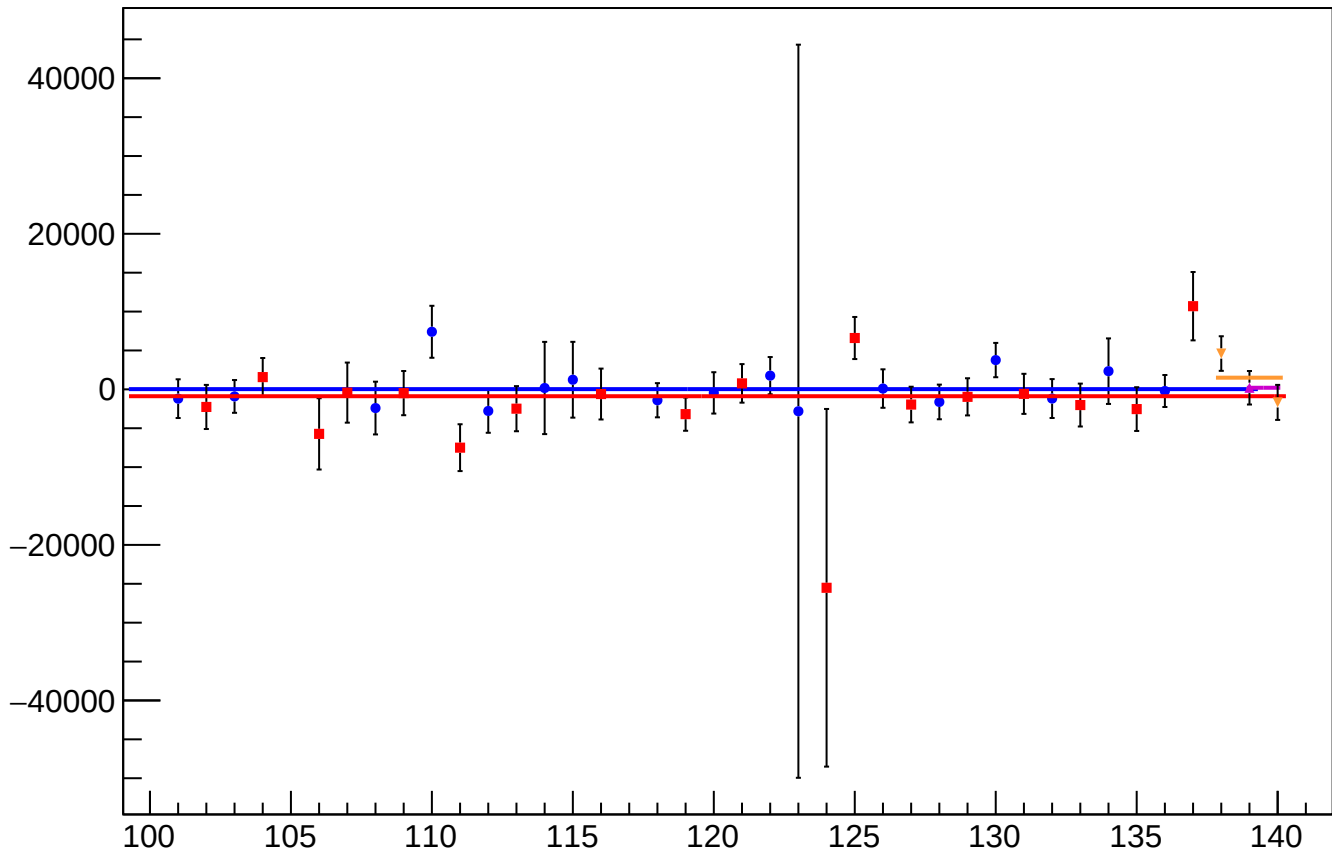
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3217.319+/-0.908 χ^2/NDF : 2294555.5/17

Out: 3254.344+/-0.869 χ^2/NDF : 2635902.4/19

All: 3236.651+/-0.628 χ^2/NDF : 4931326.3/37

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 $\pm$ 658.403 χ^2 /NDF: 11.8/16

Left Out: 1500.368 $\pm$ 1582.210 χ^2 /NDF:3.9/1

Right Out: -882.685 $\pm$ 674.623 χ^2 /NDF: 25.6/17

Left In: 203.953 $\pm$ 2154.277 χ^2 /NDF:0.0/0

Left: 1046.099 $\pm$ 1275.222 χ^2 /NDF: 4.2/2

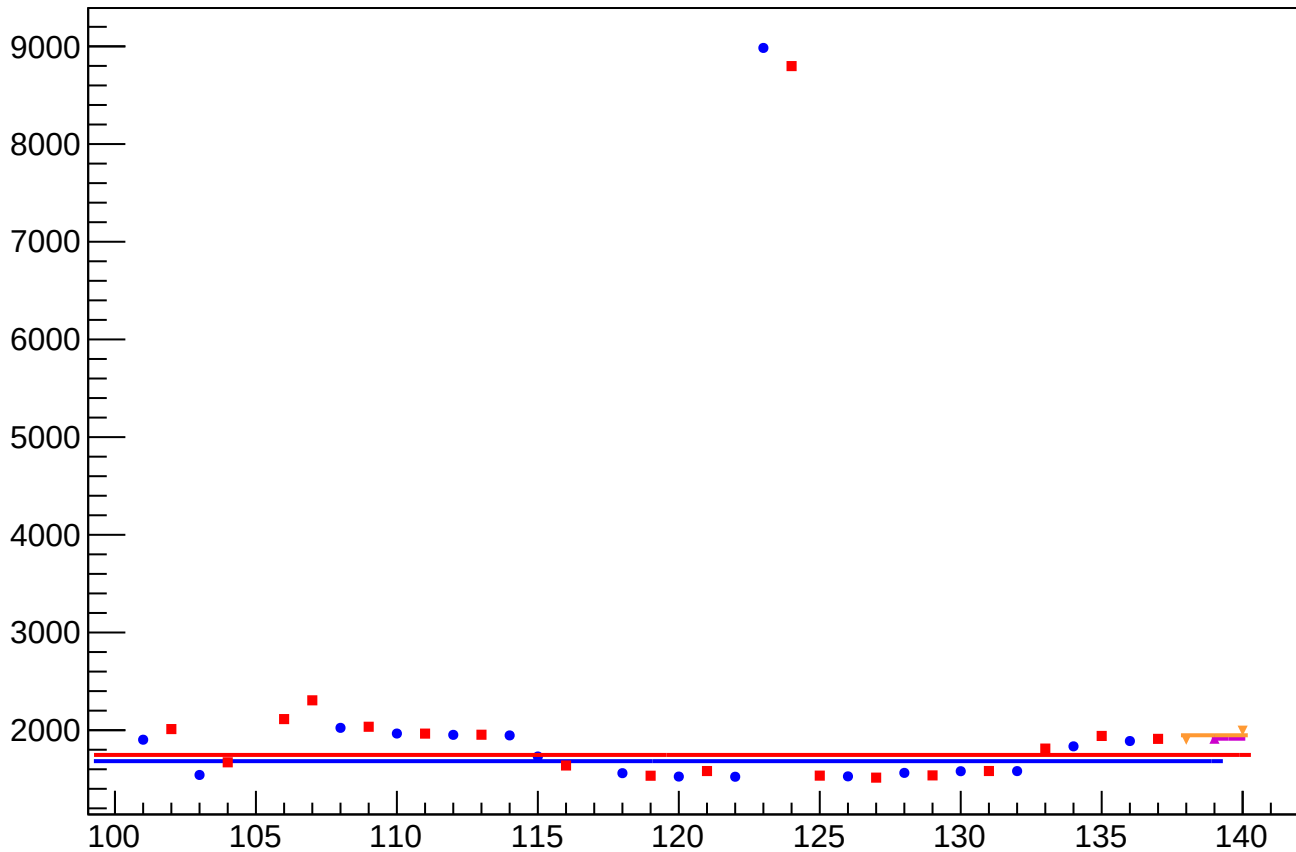
Right: -415.699 $\pm$ 471.191 χ^2 /NDF: 38.4/34

In: 44.039 $\pm$ 629.652 χ^2 /NDF:11.8/17

Out: -516.092 $\pm$ 620.568 χ^2 /NDF:31.5/19

All: -240.097 $\pm$ 441.985 χ^2 /NDF: 43.7/37

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1948.132+/-1.119 χ^2/NDF : 1714.3/1

Right Out: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

Left In: 1912.812+/-1.523 χ^2/NDF : 0.0/0

Left: 1935.756+/-0.902 χ^2/NDF : 2063.6/2

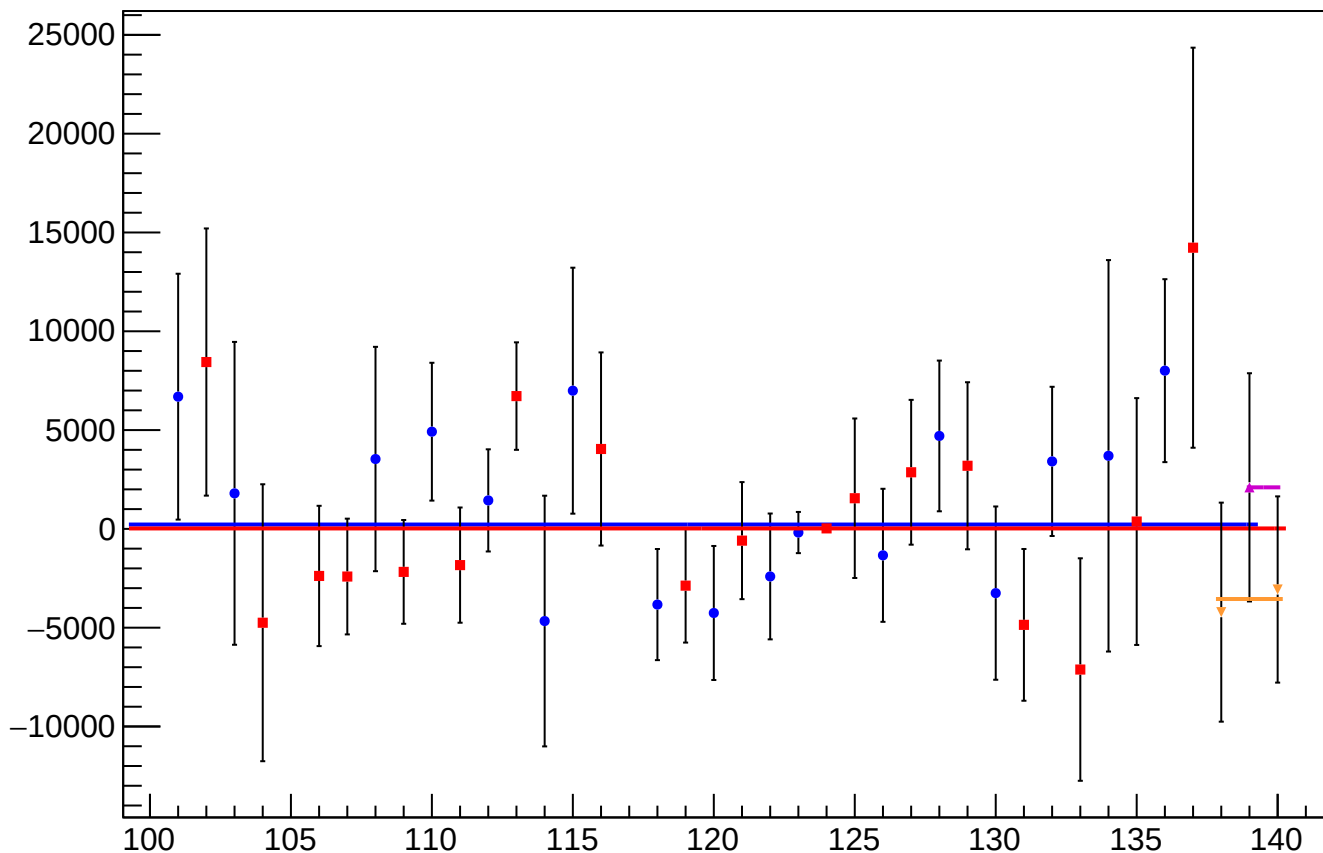
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1702.746+/-0.445 χ^2/NDF : 216650.4/17

Out: 1777.658+/-0.438 χ^2/NDF : 435858.5/19

All: 1740.816+/-0.312 χ^2/NDF : 666895.8/37

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 $\pm$ 720.915 χ^2 /NDF: 15.8/16

Left Out: -3548.718 $\pm$ 3590.281 χ^2 /NDF:0.0/1

Right Out: 21.945 $\pm$ 114.135 χ^2 /NDF: 18.6/17

Left In: 2101.989 $\pm$ 5774.696 χ^2 /NDF:0.0/0

Left: -1973.401 $\pm$ 3049.029 χ^2 /NDF: 0.7/2

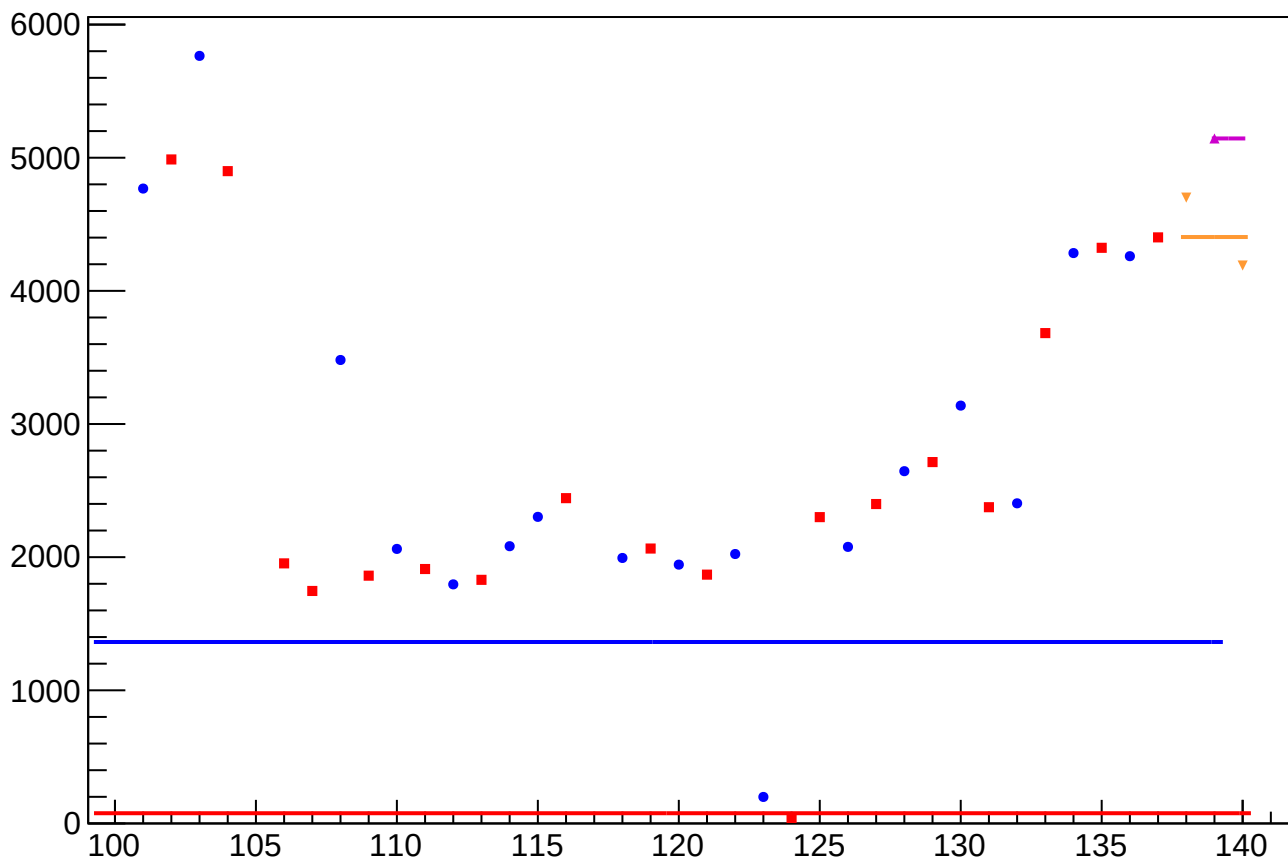
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 248.692 $\pm$ 715.362 χ^2 /NDF:15.9/17

Out: 18.340 $\pm$ 114.078 χ^2 /NDF:19.6/19

All: 24.052 $\pm$ 112.654 χ^2 /NDF: 35.6/37

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 4404.368 $\pm$ 2.539 χ^2 /NDF:9826.6/1

Right Out: 76.832 $\pm$ 0.081 χ^2 /NDF: 13114372.5/17

Left In: 5144.686 $\pm$ 4.083 χ^2 /NDF:0.0/0

Left: 4610.755 $\pm$ 2.156 χ^2 /NDF: 33533.6/2

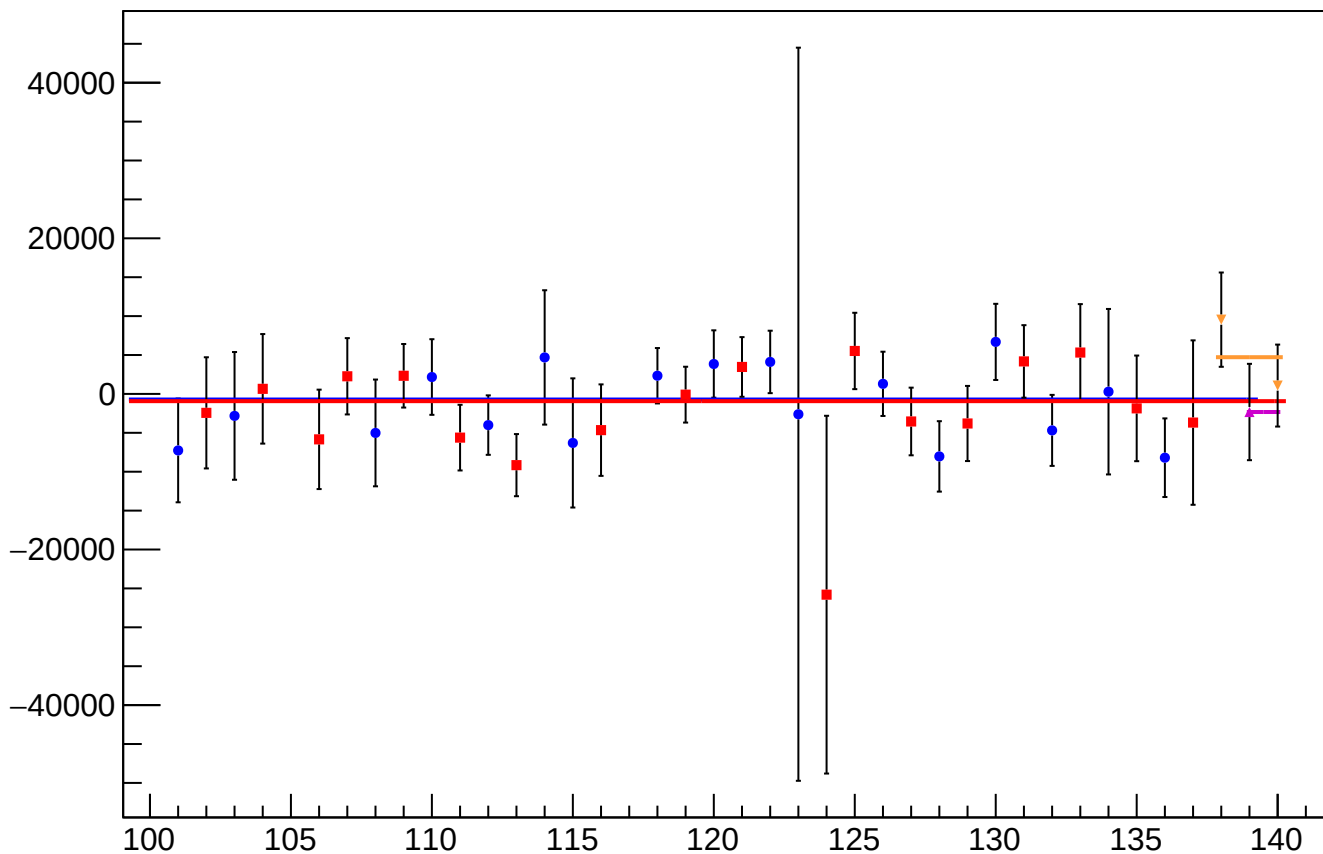
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1420.878 $\pm$ 0.506 χ^2 /NDF:7080468.8/17

Out: 81.201 $\pm$ 0.081 χ^2 /NDF:16026990.9/19

All: 114.424 $\pm$ 0.080 χ^2 /NDF: 29947710.7/37

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: 4717.890+/-3975.639 χ^2/NDF :1.1/1

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

Left In: -2326.207+/-6191.728 χ^2/NDF :0.0/0

Left: 2661.549+/-3345.391 χ^2/NDF : 2.0/2

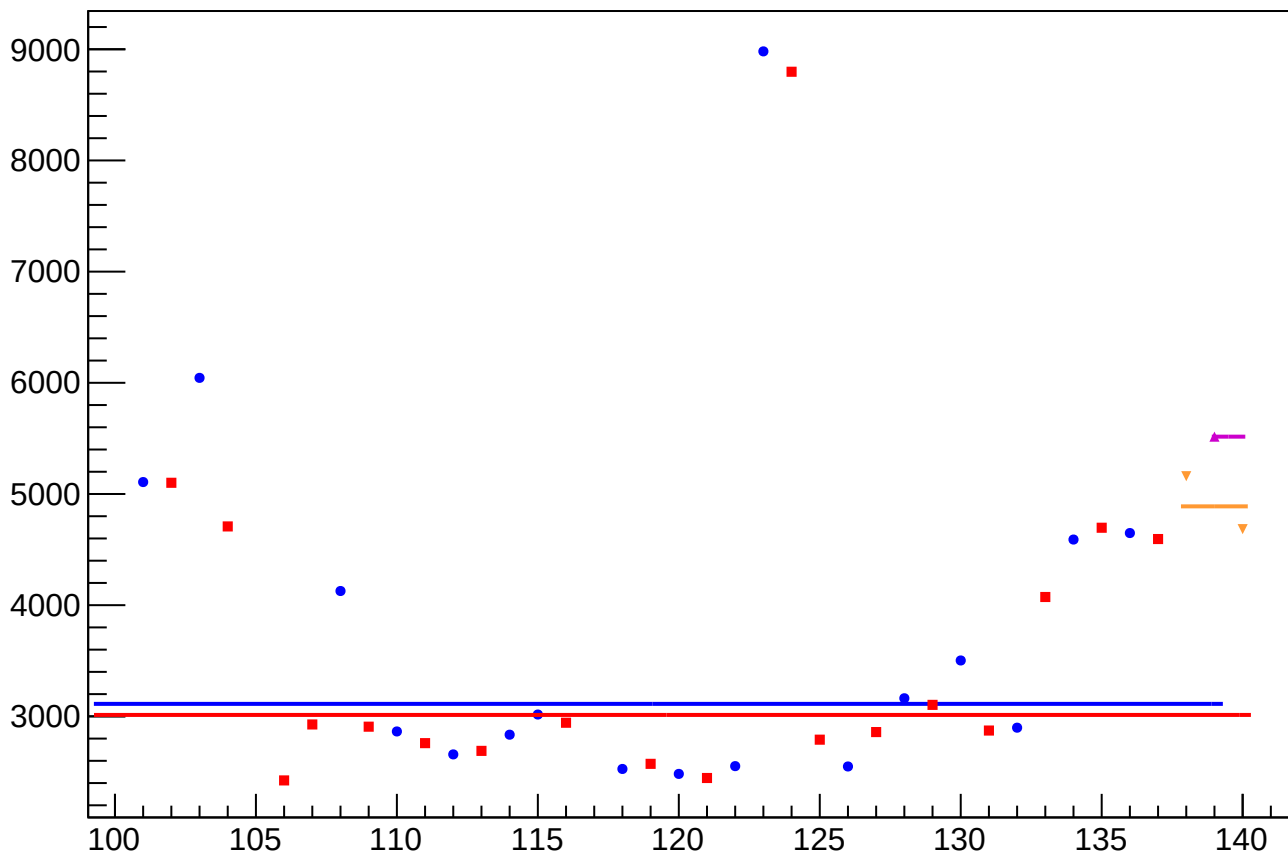
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -784.568+/-1227.653 χ^2/NDF :14.8/17

Out: -463.963+/-1143.943 χ^2/NDF :17.9/19

All: -612.963+/-836.920 χ^2/NDF : 32.7/37

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4888.686+/-2.811 χ^2/NDF : 7032.0/1

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 5515.716+/-4.378 χ^2/NDF : 0.0/0

Left: 5071.731+/-2.366 χ^2/NDF : 21555.2/2

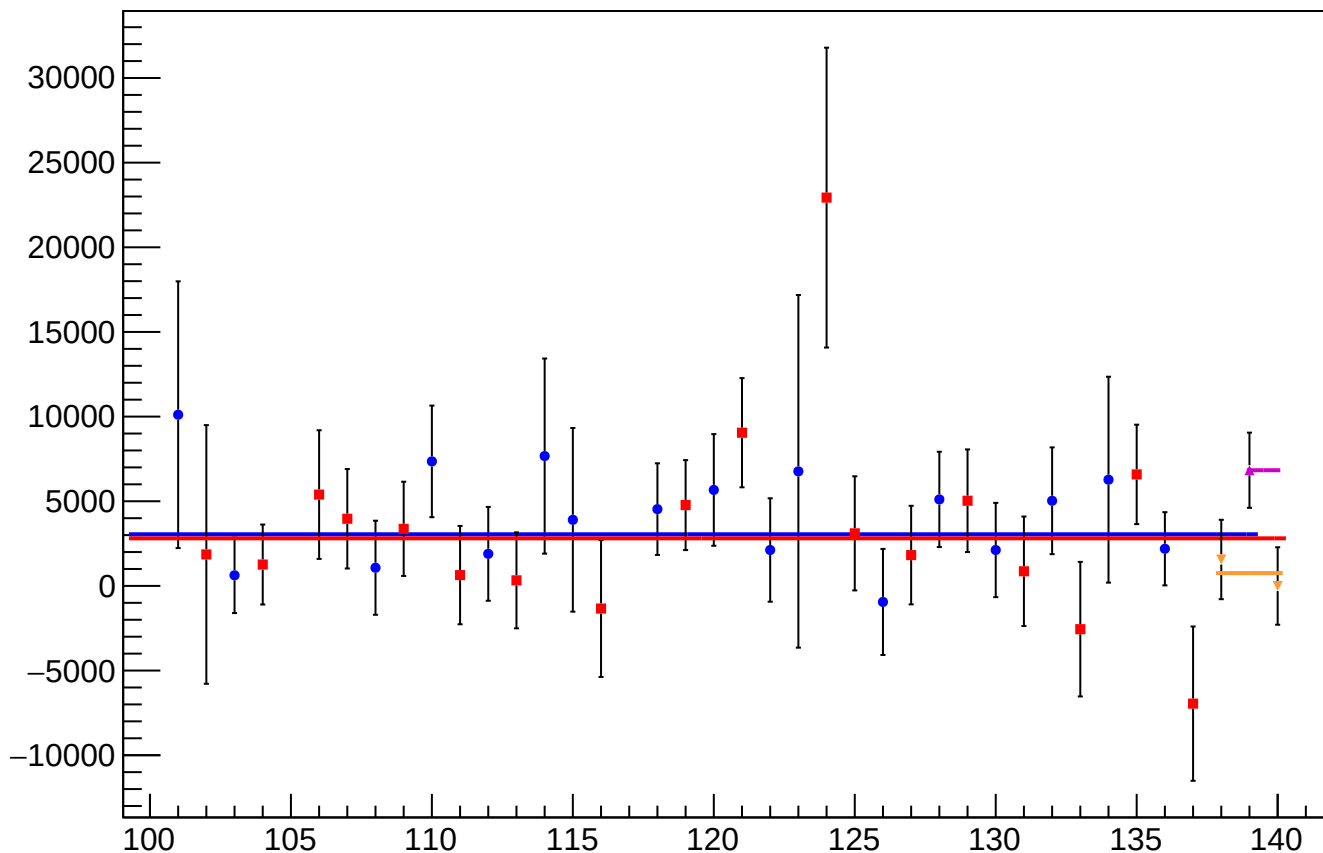
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3206.717+/-0.868 χ^2/NDF : 1248012.9/17

Out: 3164.524+/-0.800 χ^2/NDF : 1190563.3/19

All: 3183.890+/-0.588 χ^2/NDF : 2439854.3/37

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 757.943+/-1637.724 χ^2/NDF : 0.2/1

Right Out: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 6832.473+/-2220.088 χ^2/NDF : 0.0/0

Left: 2898.645+/-1317.929 χ^2/NDF : 5.1/2

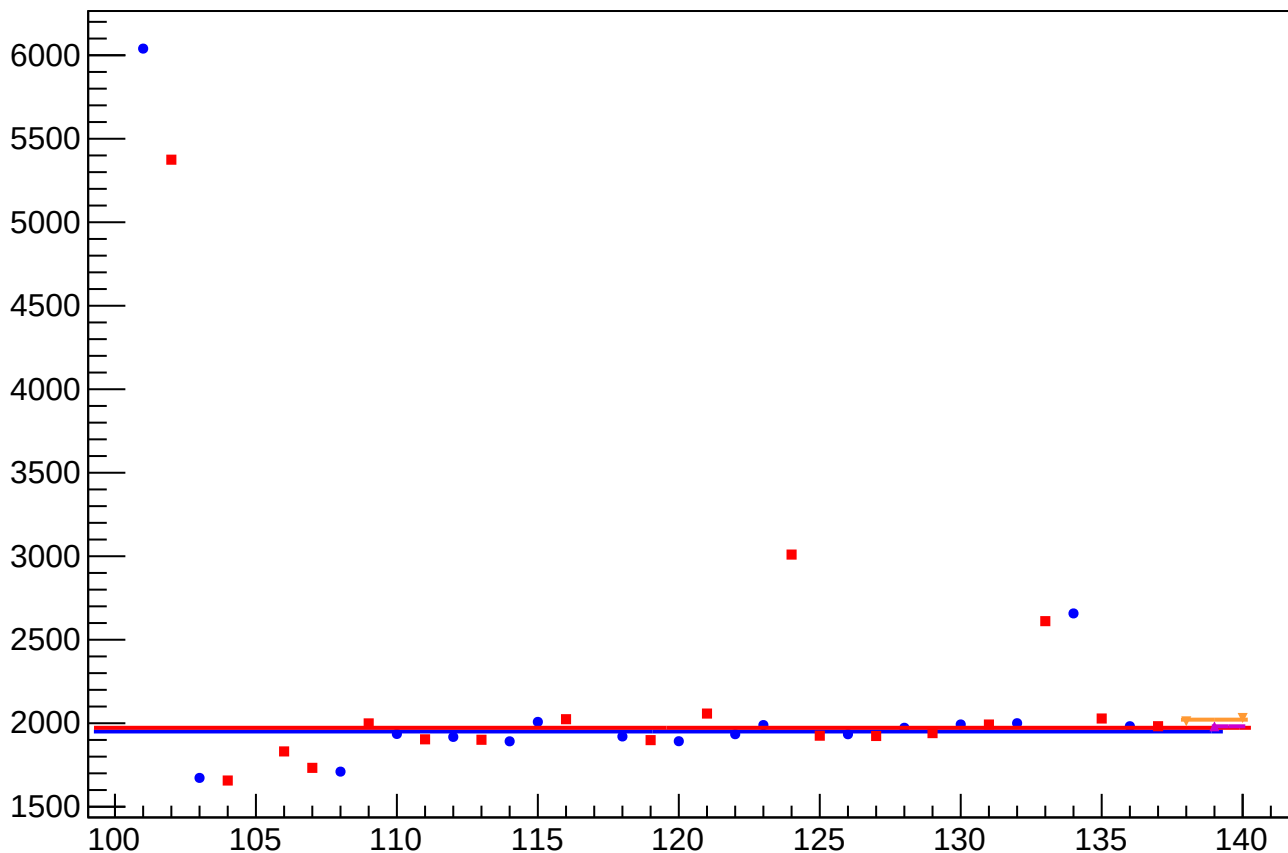
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3457.518+/-729.442 χ^2/NDF : 11.9/17

Out: 2440.770+/-694.013 χ^2/NDF : 23.5/19

All: 2923.853+/-502.800 χ^2/NDF : 36.4/37

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 2021.501 $\pm$ 1.158 χ^2 /NDF:76.3/1

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 1981.675 $\pm$ 1.570 χ^2 /NDF:0.0/0

Left: 2007.466 $\pm$ 0.932 χ^2 /NDF: 493.1/2

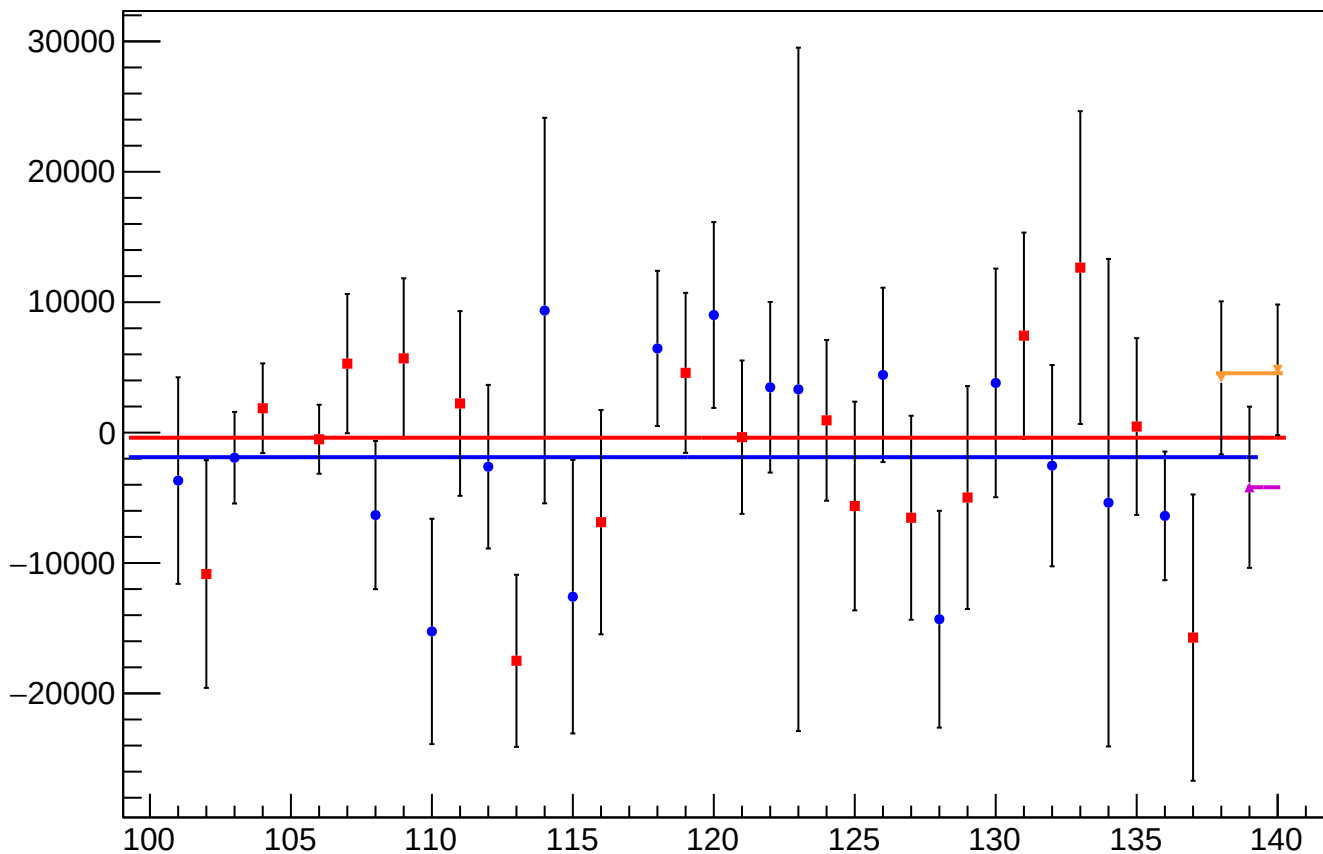
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1954.036 $\pm$ 0.516 χ^2 /NDF:615512.8/17

Out: 1981.476 $\pm$ 0.490 χ^2 /NDF:537202.1/19

All: 1968.446 $\pm$ 0.355 χ^2 /NDF: 1154201.0/37

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 4552.619 ± 3810.066 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -391.453 ± 1361.685 $\chi^2/\text{NDF}: 17.6/17$

Left In: -4192.218 ± 6181.407 $\chi^2/\text{NDF}: 0.0/0$

Left: 2144.995 ± 3243.439 $\chi^2/\text{NDF}: 1.5/2$

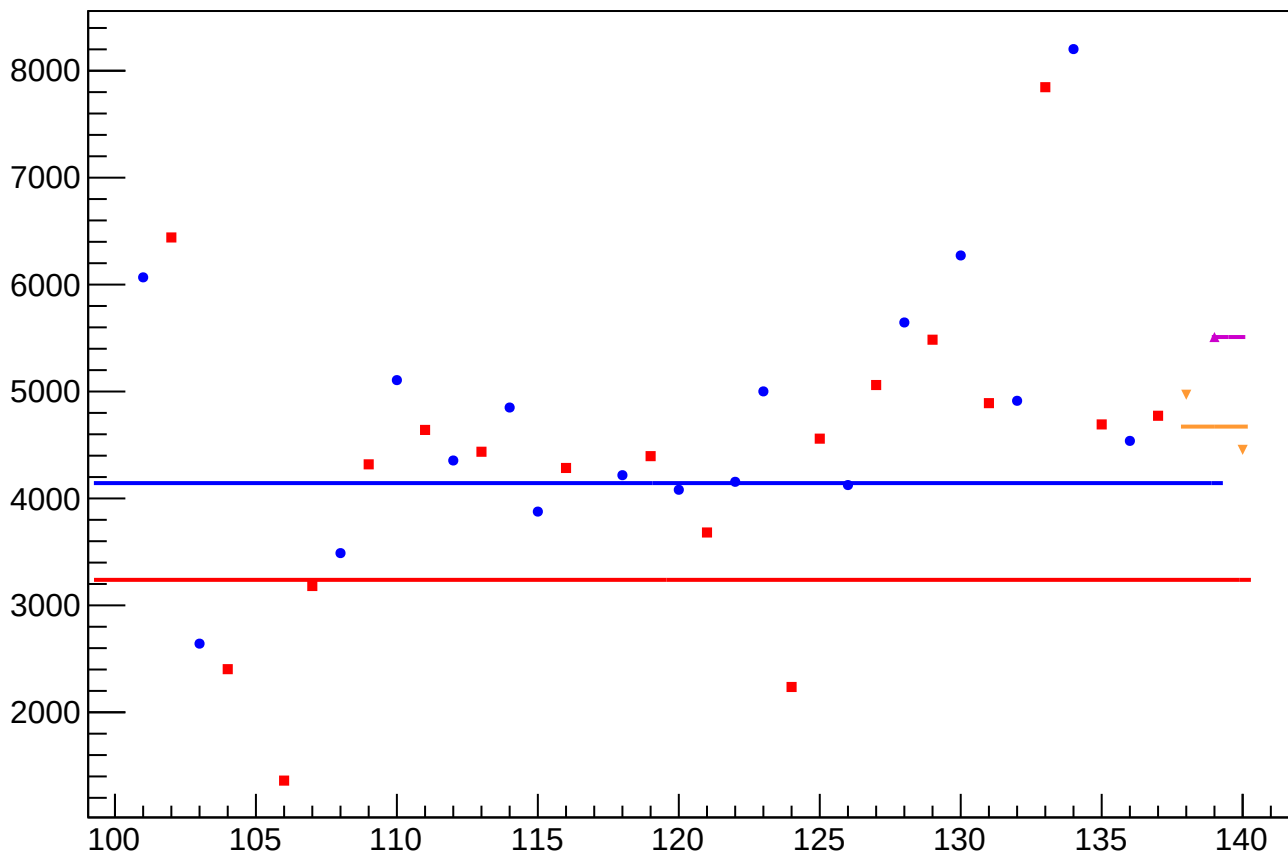
Right: -993.190 ± 1052.280 $\chi^2/\text{NDF}: 32.2/34$

In: -2040.112 ± 1601.376 $\chi^2/\text{NDF}: 14.3/17$

Out: 168.522 ± 1282.255 $\chi^2/\text{NDF}: 19.1/19$

All: -694.330 ± 1000.921 $\chi^2/\text{NDF}: 34.5/37$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4671.887+/-2.694 χ^2/NDF : 8930.1/1

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

Left In: 5509.671+/-4.371 χ^2/NDF : 0.0/0

Left: 4902.545+/-2.293 χ^2/NDF : 35553.6/2

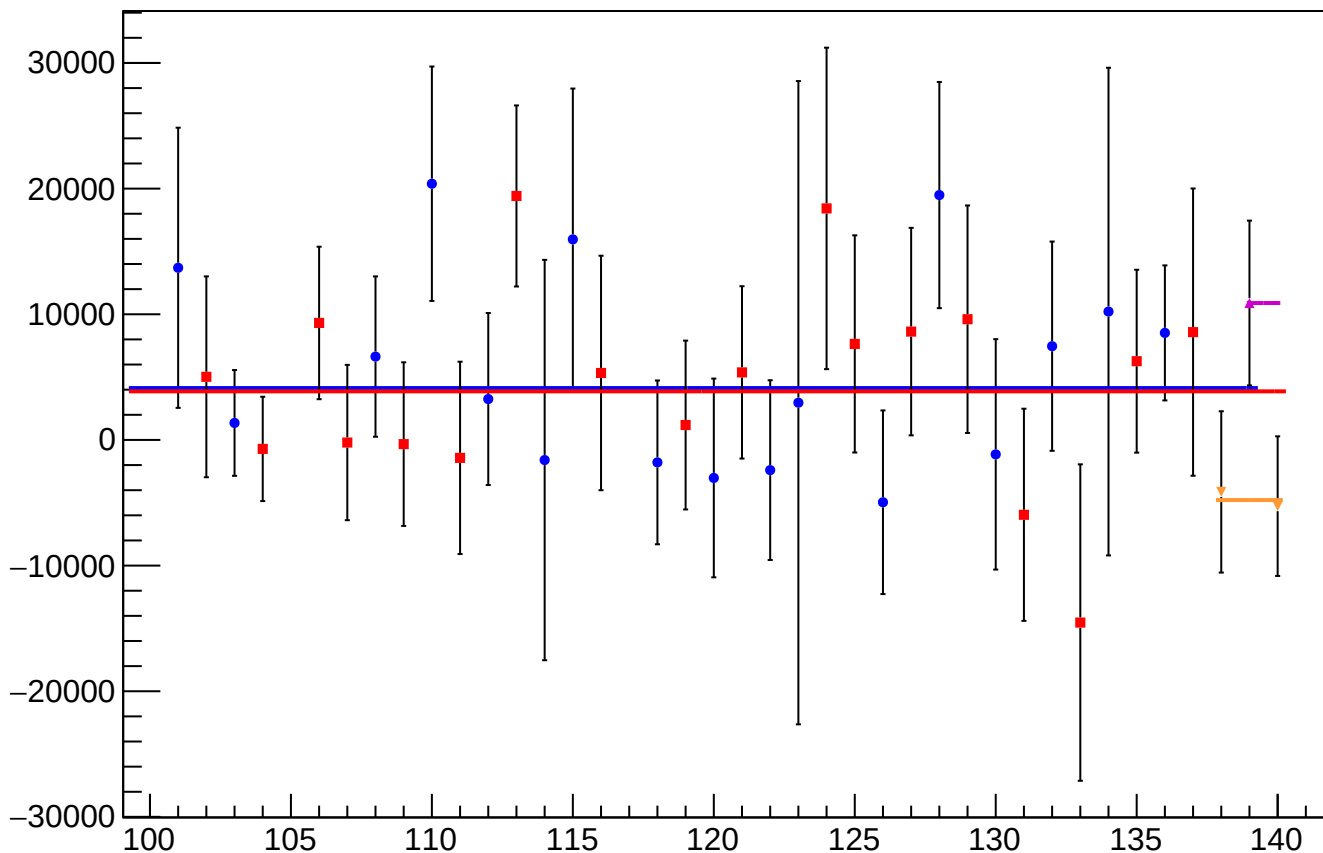
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4235.169+/-1.132 χ^2/NDF : 947112.3/17

Out: 3400.928+/-0.907 χ^2/NDF : 2841866.2/19

All: 3726.843+/-0.708 χ^2/NDF : 4119710.7/37

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: -4783.955 $\pm$ 4200.571 χ^2 /NDF: 0.0/1

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 10896.333 $\pm$ 6556.003 χ^2 /NDF: 0.0/0

Left: -220.309 $\pm$ 3536.862 χ^2 /NDF: 4.1/2

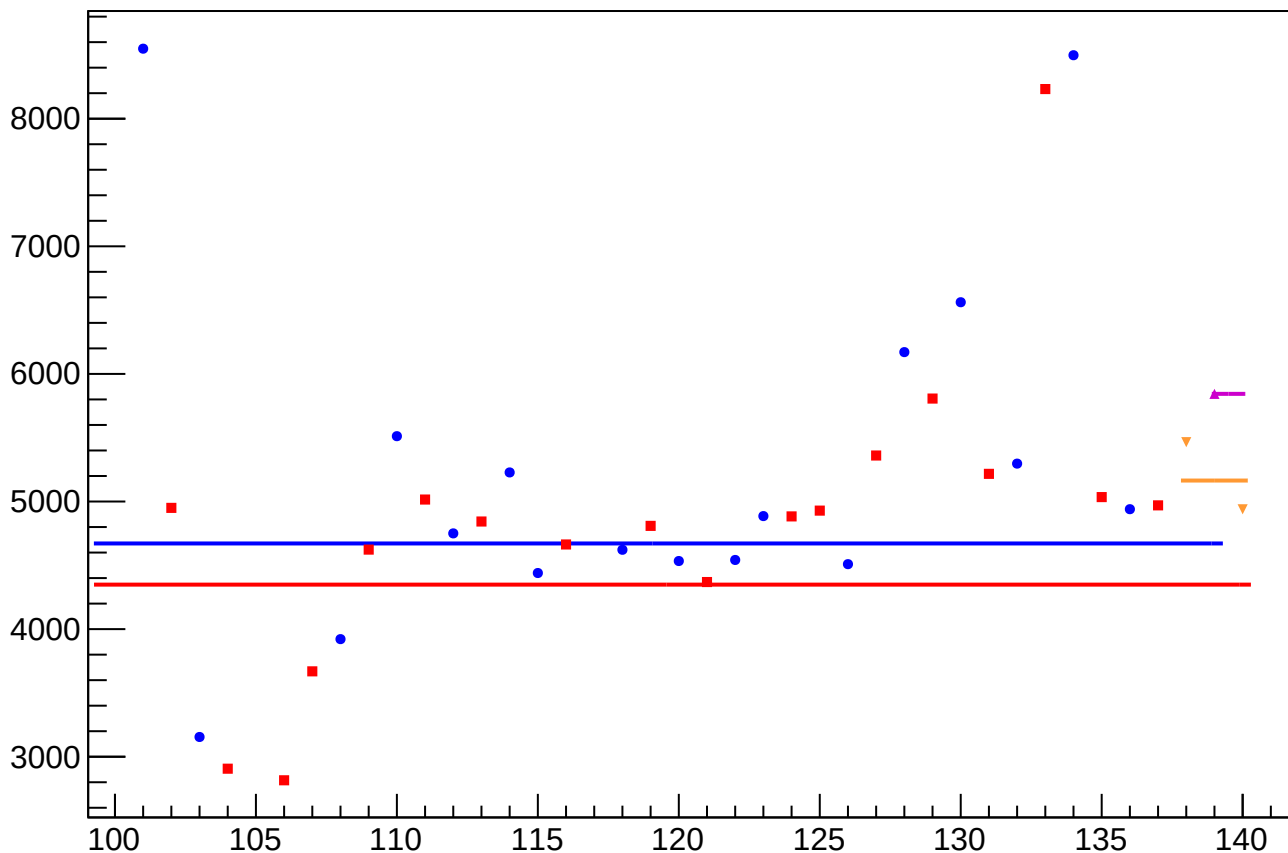
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 4632.478 $\pm$ 1792.105 χ^2 /NDF: 14.7/17

Out: 2615.103 $\pm$ 1597.656 χ^2 /NDF: 17.9/19

All: 3508.446 $\pm$ 1192.557 χ^2 /NDF: 33.3/37

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 5164.396+/-2.970 χ^2/NDF : 7681.1/1

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 5843.695+/-4.636 χ^2/NDF : 0.0/0

Left: 5362.101+/-2.501 χ^2/NDF : 22903.9/2

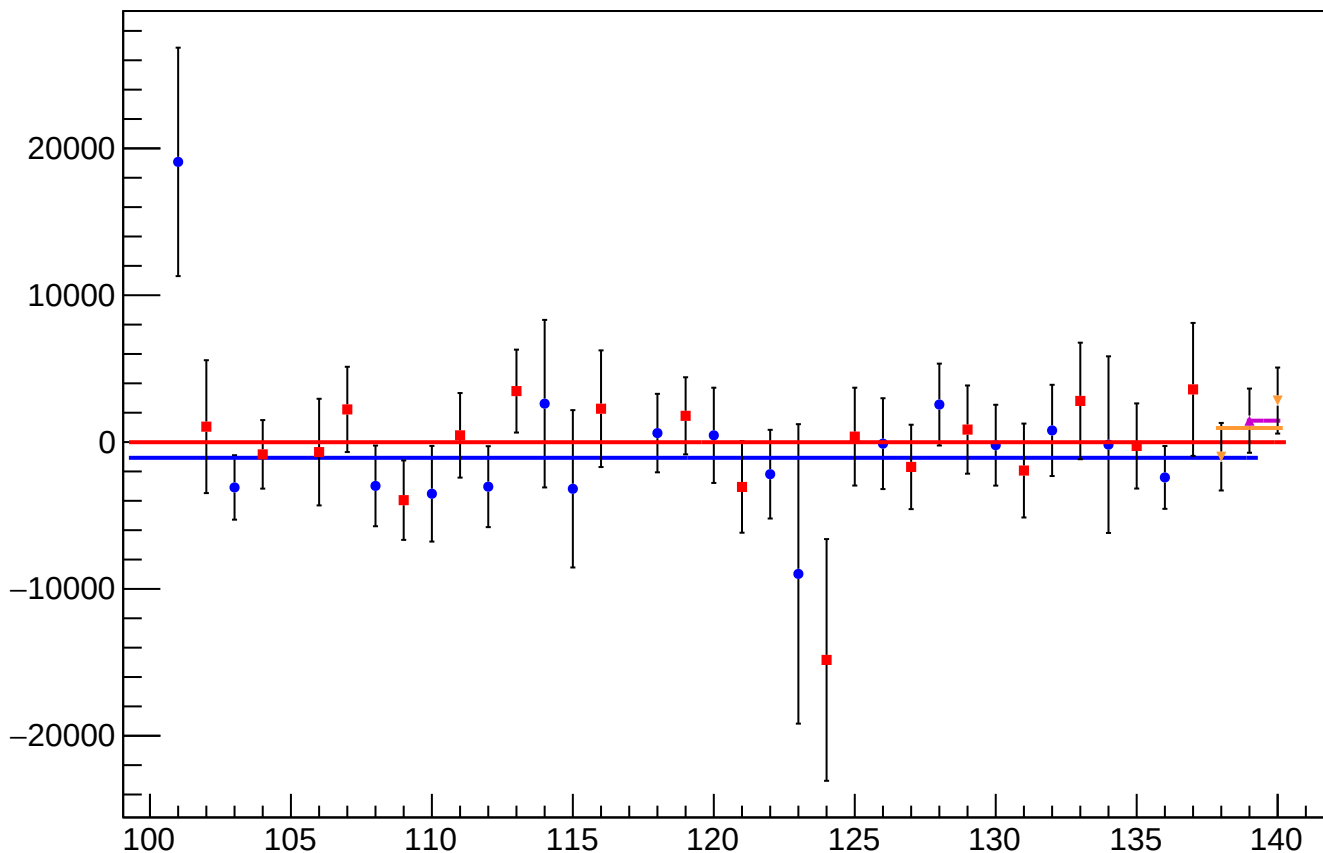
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4758.922+/-1.267 χ^2/NDF : 845289.6/17

Out: 4465.546+/-1.124 χ^2/NDF : 864719.0/19

All: 4594.741+/-0.841 χ^2/NDF : 1740003.7/37

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254+/-762.970 χ^2/NDF : 13.7/16

Left Out: 959.150+/-1607.705 χ^2/NDF : 1.4/1

Right Out: -8.910+/-748.092 χ^2/NDF : 11.4/17

Left In: 1457.250+/-2185.980 χ^2/NDF : 0.0/0

Left: 1133.998+/-1295.145 χ^2/NDF : 1.4/2

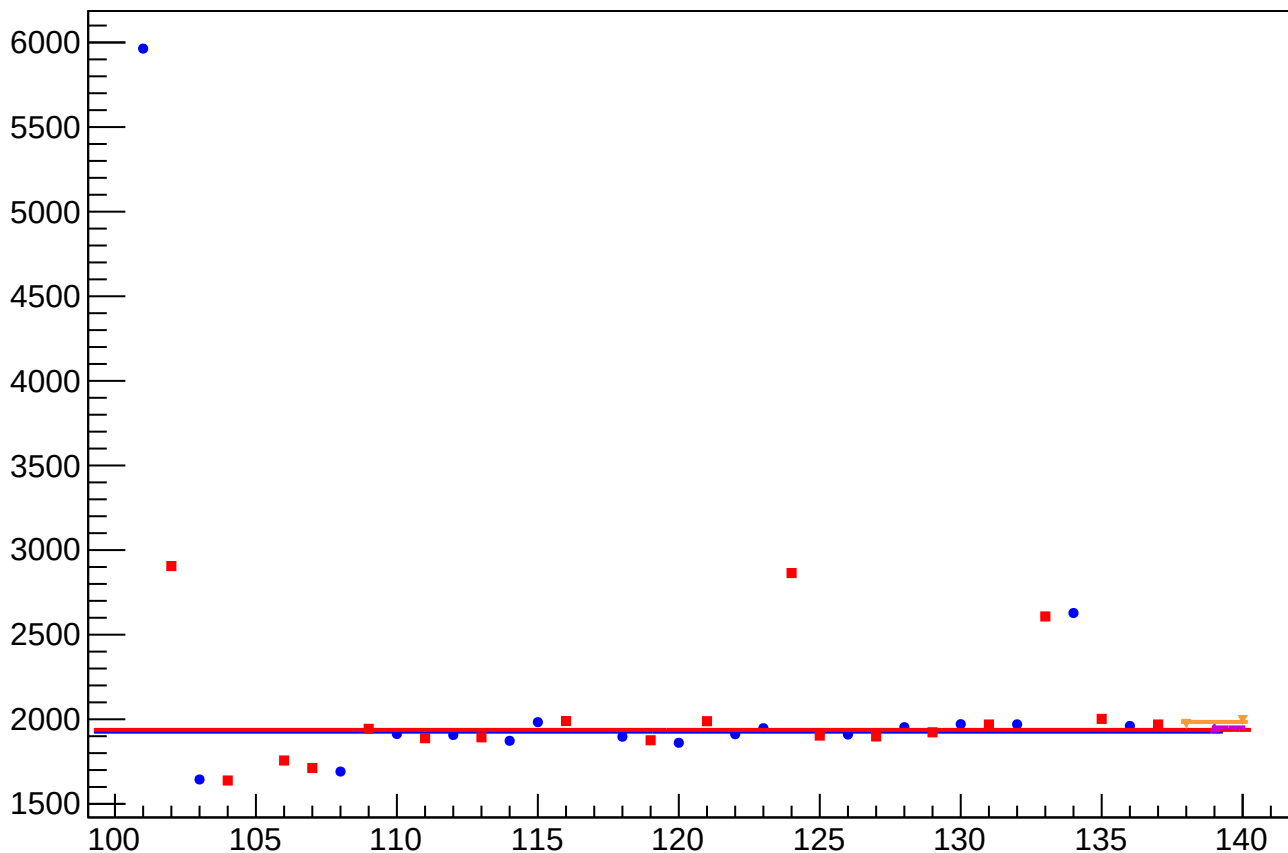
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

In: -796.678+/-720.354 χ^2/NDF : 14.9/17

Out: 163.388+/-678.259 χ^2/NDF : 13.1/19

All: -287.775+/-493.813 χ^2/NDF : 29.0/37

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 ± 0.540 χ^2/NDF : 617116.3/16

Left Out: 1984.331 ± 1.137 χ^2/NDF : 103.7/1

Right Out: 1937.280 ± 0.529 χ^2/NDF : 229079.5/17

Left In: 1951.867 ± 1.546 χ^2/NDF : 0.0/0

Left: 1972.935 ± 0.916 χ^2/NDF : 390.0/2

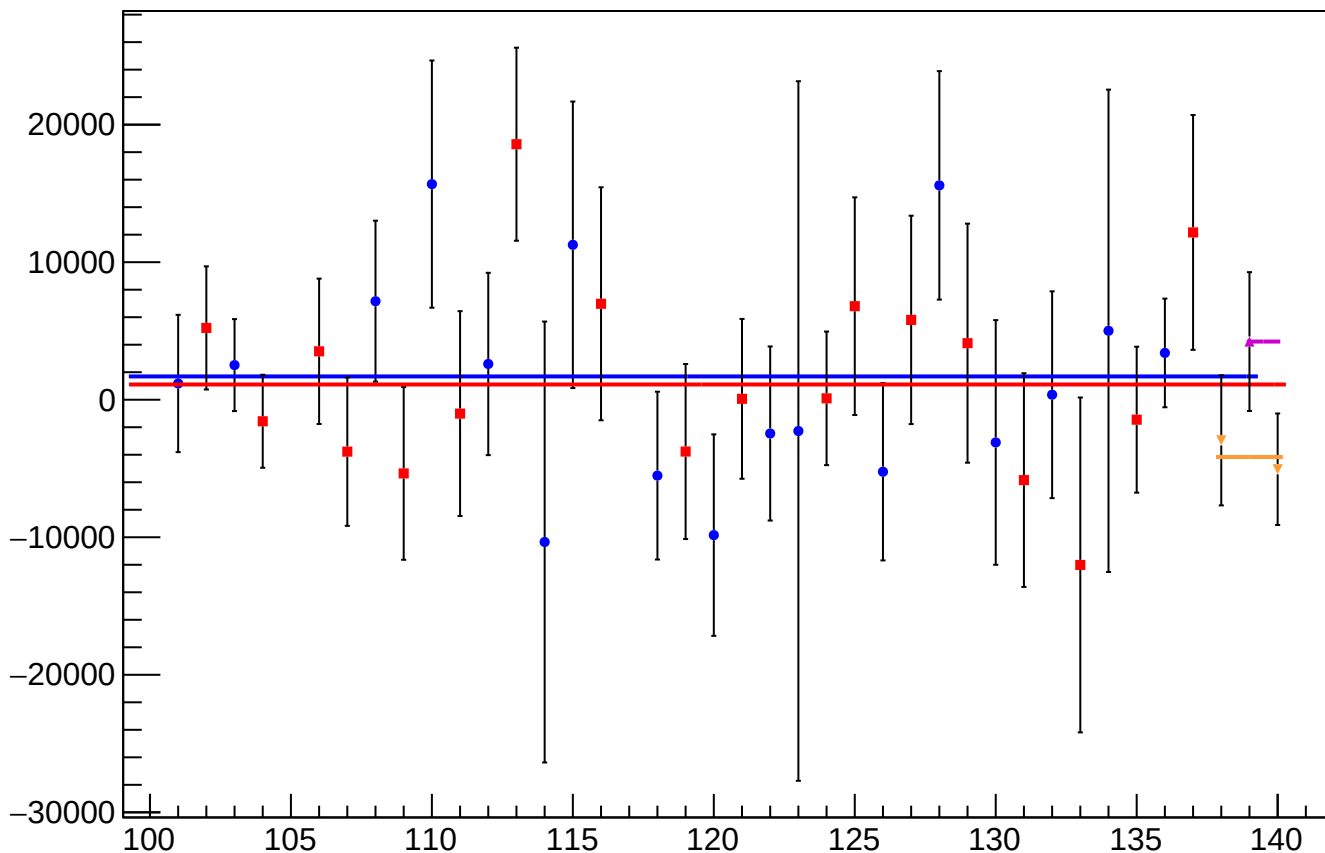
Right: 1932.191 ± 0.378 χ^2/NDF : 846384.9/34

In: 1929.603 ± 0.509 χ^2/NDF : 617349.0/17

Out: 1945.644 ± 0.479 χ^2/NDF : 230591.7/19

All: 1938.110 ± 0.349 χ^2/NDF : 848466.7/37

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -4164.305+/-3078.363 χ^2/NDF : 0.1/1

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: 4229.756+/-5047.487 χ^2/NDF : 0.0/0

Left: -1888.570+/-2628.149 χ^2/NDF : 2.1/2

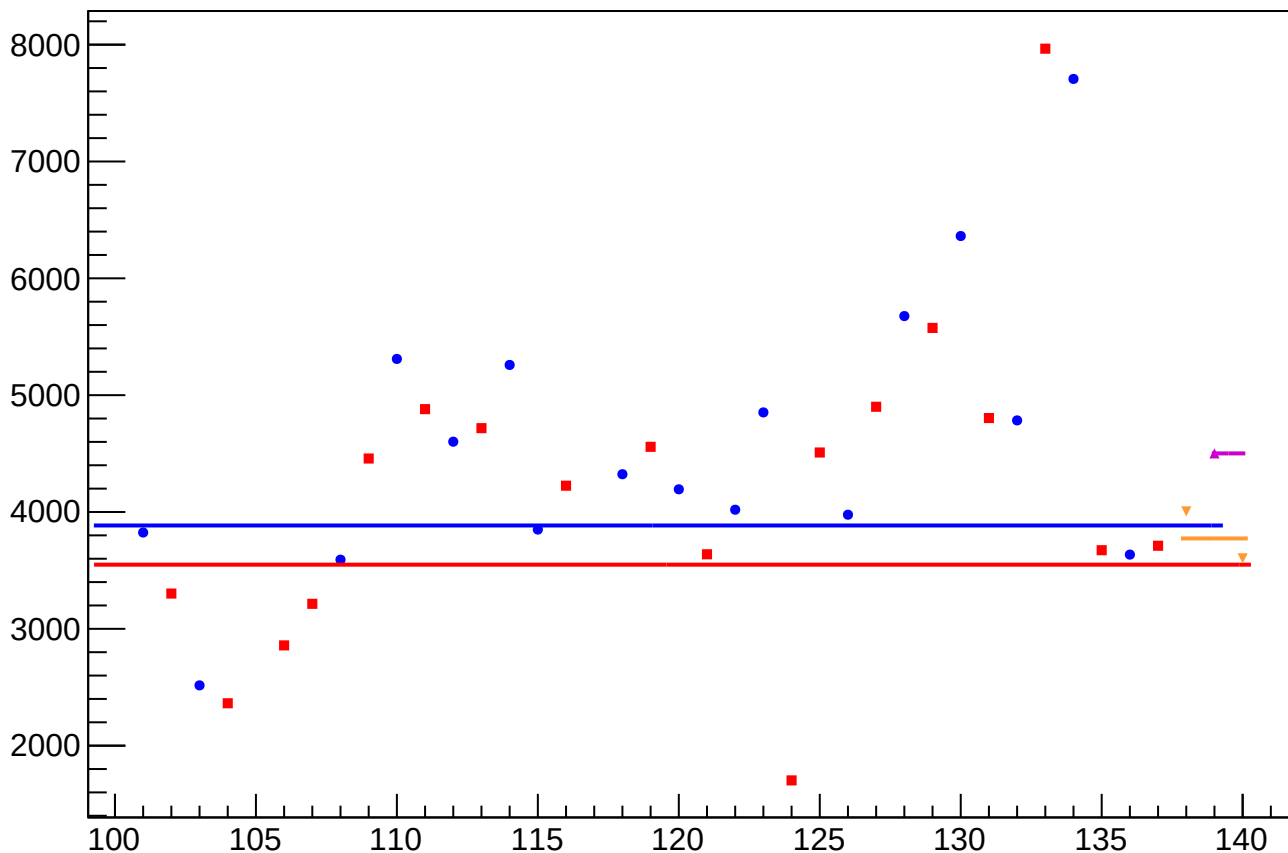
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 1912.986+/-1483.406 χ^2/NDF : 13.9/17

Out: 190.747+/-1283.952 χ^2/NDF : 18.4/19

All: 928.379+/-970.808 χ^2/NDF : 33.0/37

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3773.506+/-2.177 χ^2/NDF : 8319.2/1

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 4501.422+/-3.569 χ^2/NDF : 0.0/0

Left: 3970.853+/-1.858 χ^2/NDF : 38637.3/2

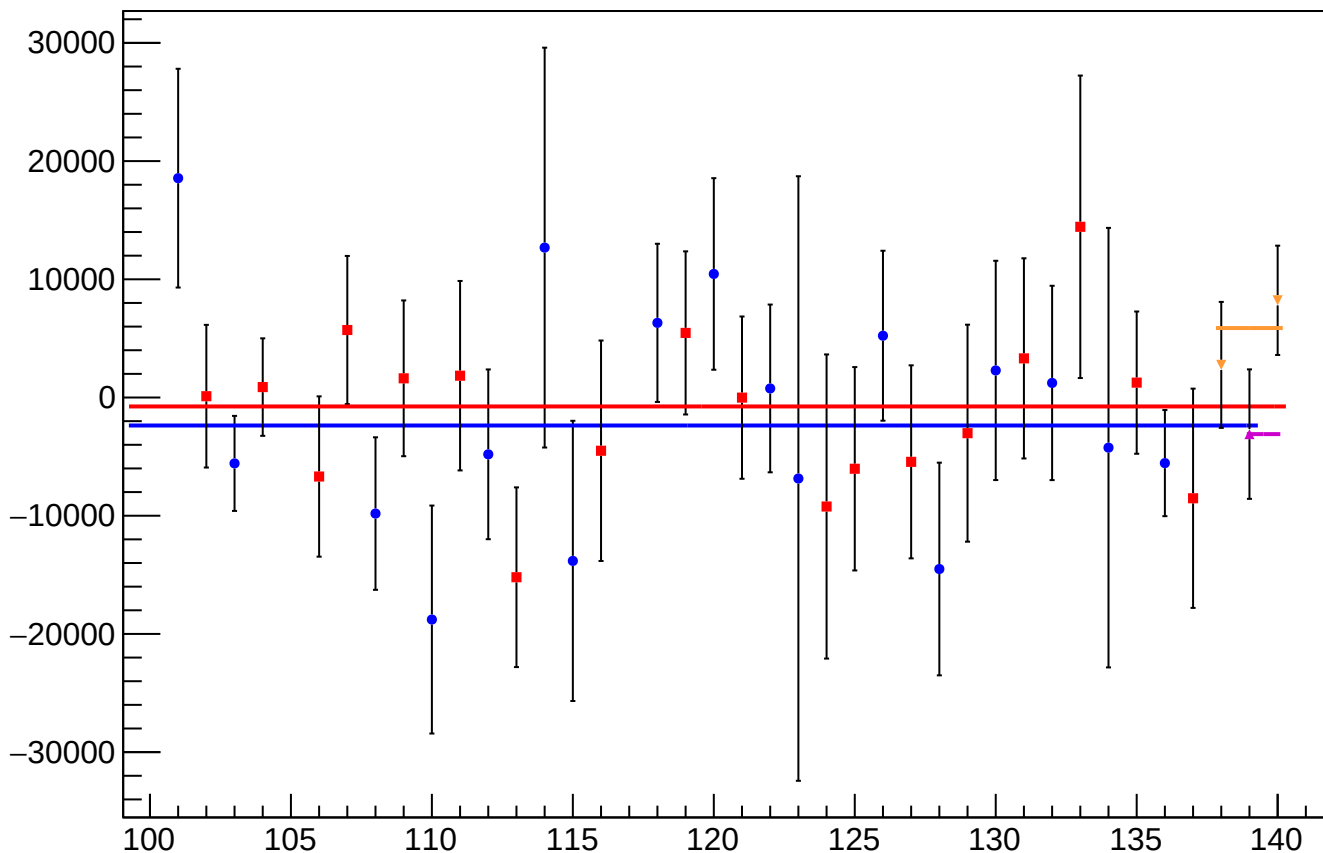
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3937.878+/-1.049 χ^2/NDF : 853851.4/17

Out: 3588.166+/-0.908 χ^2/NDF : 1344043.6/19

All: 3737.947+/-0.686 χ^2/NDF : 2261442.8/37

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 5876.482 $\pm$ 3492.323 χ^2 /NDF: 0.6/1

Right Out: -755.757 $\pm$ 1693.103 χ^2 /NDF: 10.5/17

Left In: -3096.298 $\pm$ 5476.739 χ^2 /NDF: 0.0/0

Left: 3282.685 $\pm$ 2944.602 χ^2 /NDF: 2.5/2

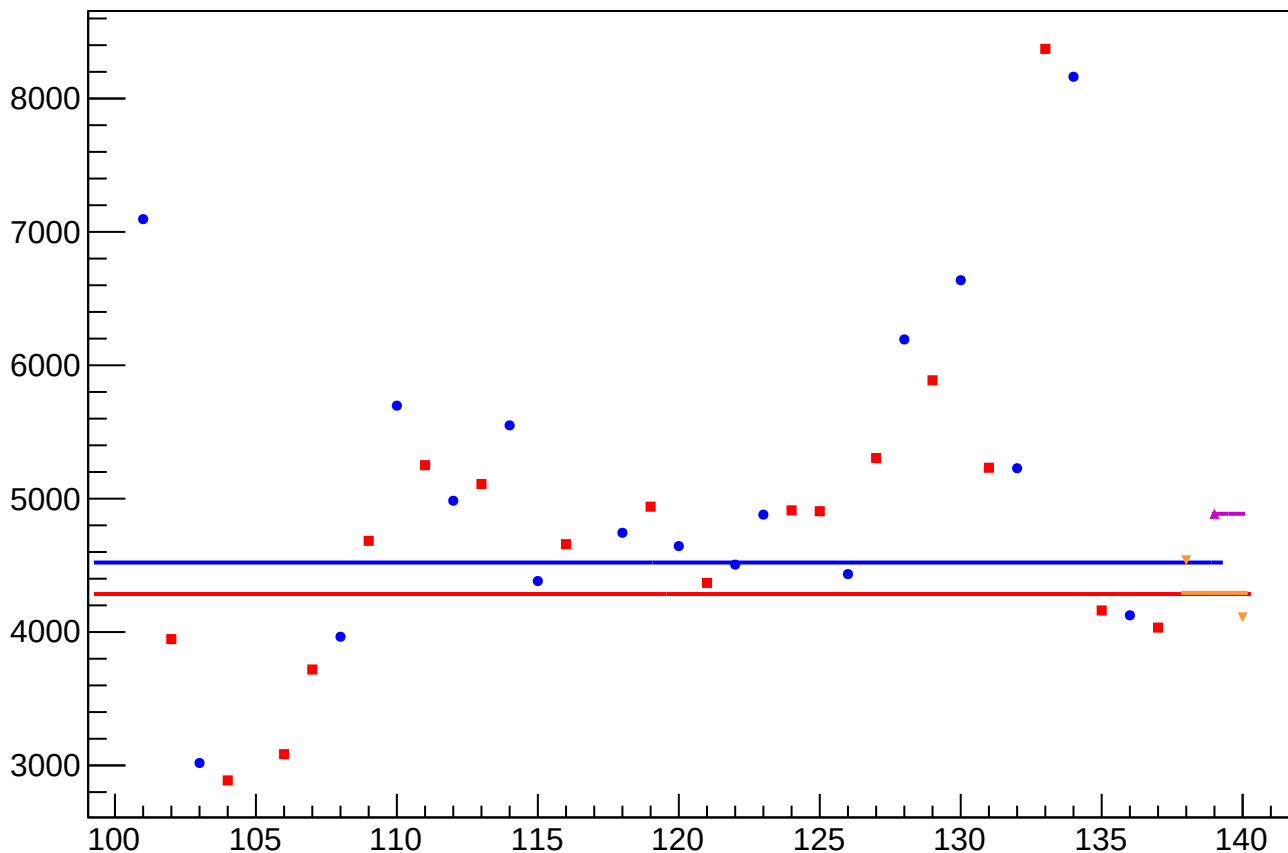
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -2438.712 $\pm$ 1711.676 χ^2 /NDF: 20.1/17

Out: 506.413 $\pm$ 1523.502 χ^2 /NDF: 14.0/19

All: -795.424 $\pm$ 1138.015 χ^2 /NDF: 35.8/37

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4293.734+/-2.469 χ^2/NDF : 7350.1/1

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

Left In: 4886.483+/-3.873 χ^2/NDF : 0.0/0

Left: 4465.083+/-2.082 χ^2/NDF : 24005.4/2

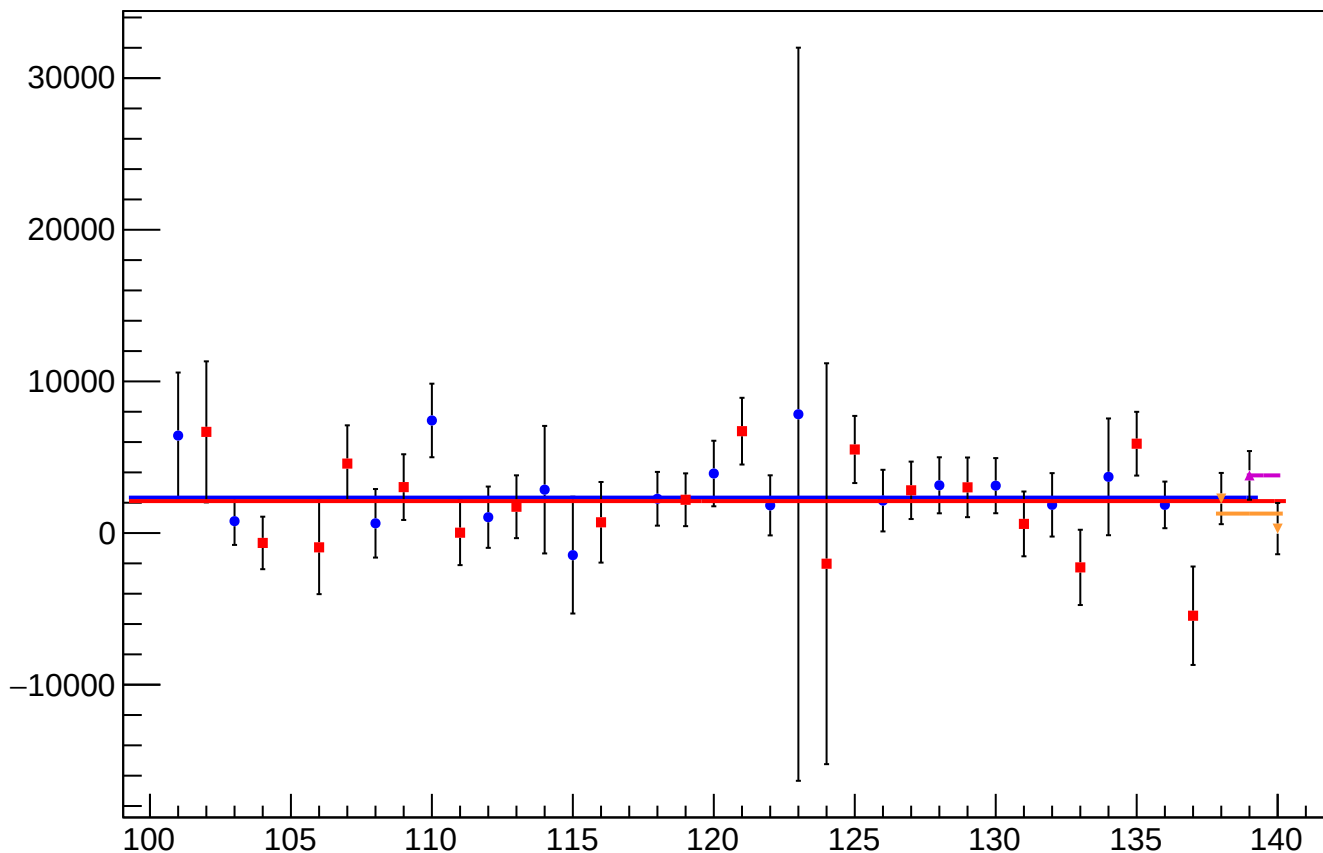
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4556.907+/-1.210 χ^2/NDF : 786701.7/17

Out: 4286.703+/-1.072 χ^2/NDF : 753761.0/19

All: 4405.539+/-0.803 χ^2/NDF : 1568382.5/37

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1283.284 $\pm$ 1194.545 χ^2 /NDF:0.7/1

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 3802.499 $\pm$ 1604.789 χ^2 /NDF:0.0/0

Left: 2181.461 $\pm$ 958.223 χ^2 /NDF: 2.3/2

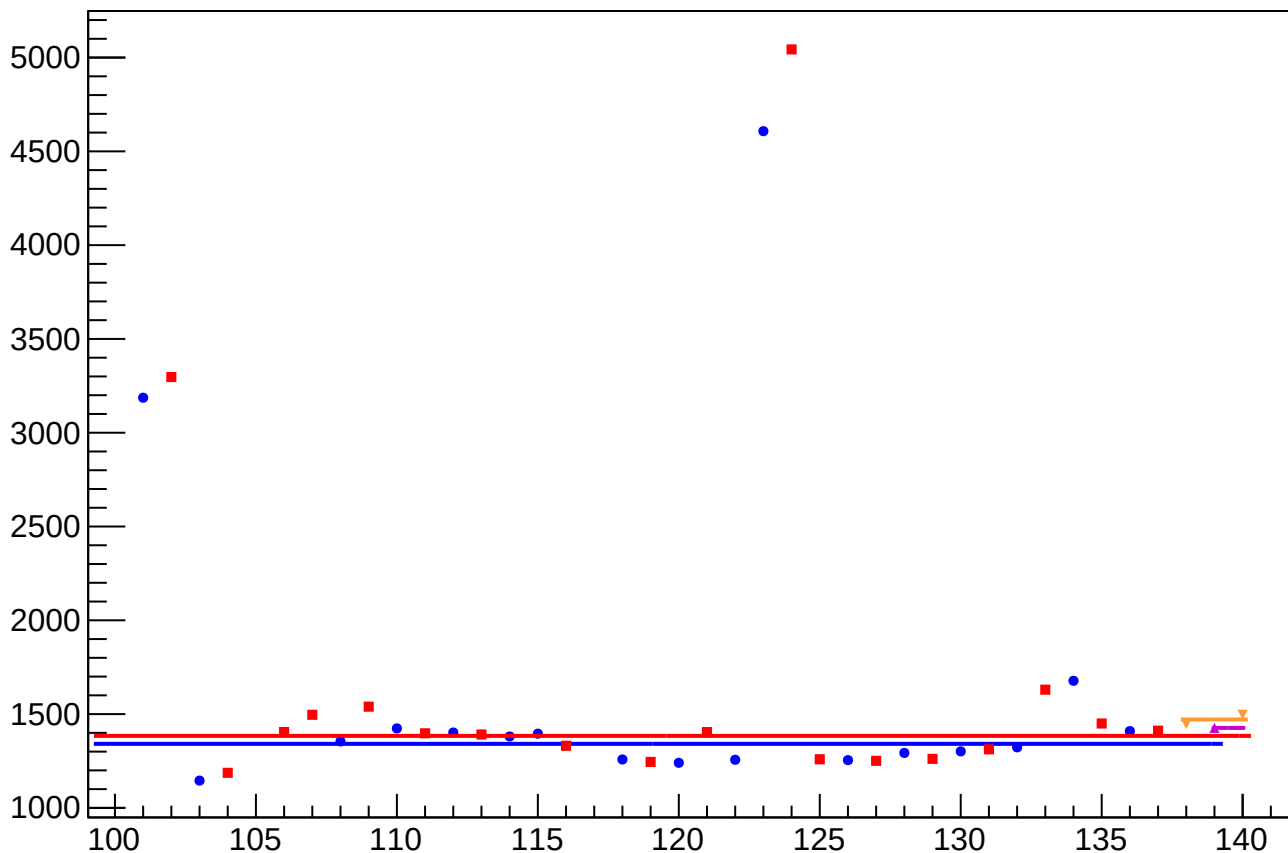
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2481.659 $\pm$ 504.233 χ^2 /NDF:10.4/17

Out: 1967.497 $\pm$ 491.764 χ^2 /NDF:27.4/19

All: 2218.142 $\pm$ 352.055 χ^2 /NDF: 38.4/37

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1471.264+/-0.845 χ^2/NDF : 875.5/1

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

Left In: 1426.294+/-1.135 χ^2/NDF : 0.0/0

Left: 1455.231+/-0.678 χ^2/NDF : 1886.0/2

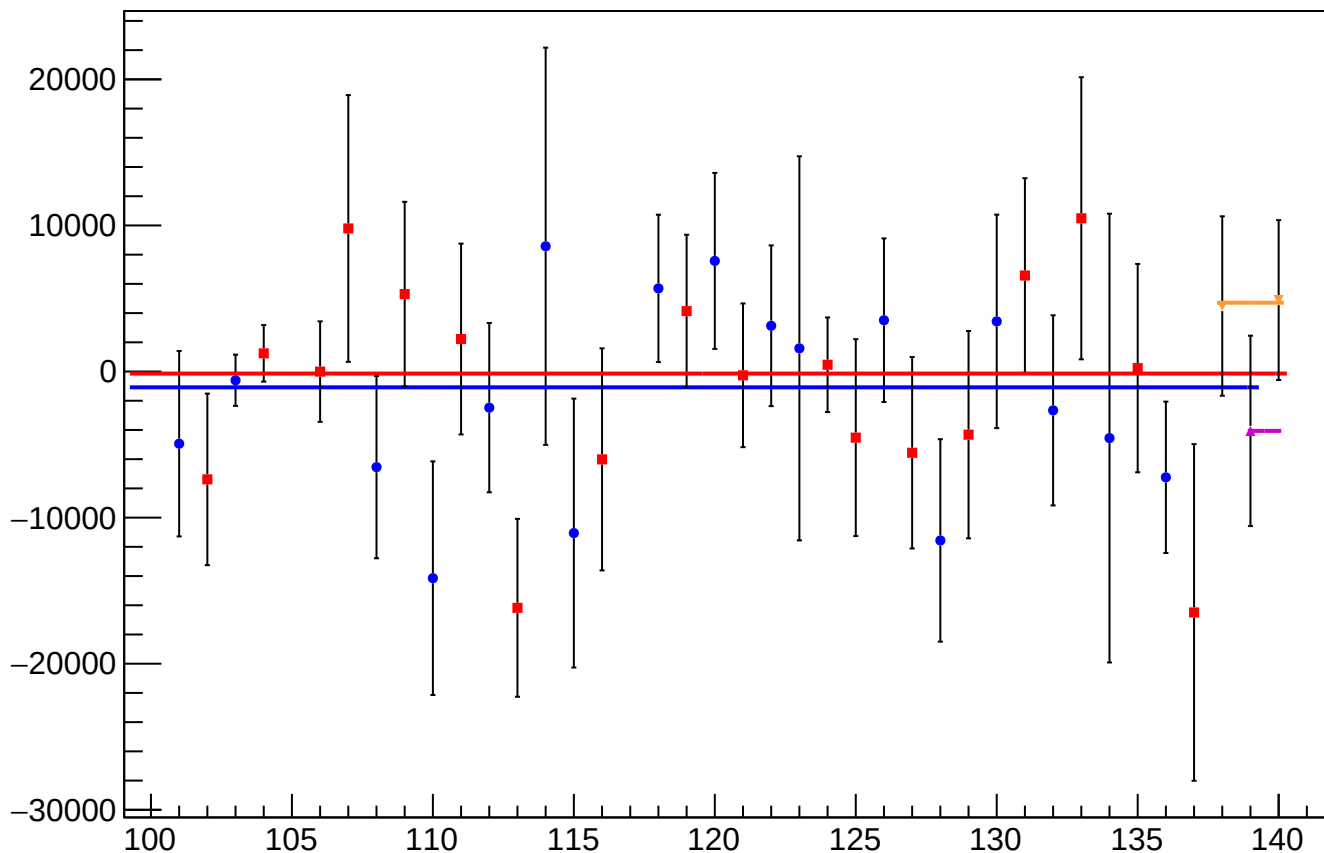
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1349.758+/-0.357 χ^2/NDF : 509319.5/17

Out: 1398.708+/-0.348 χ^2/NDF : 603604.3/19

All: 1374.855+/-0.249 χ^2/NDF : 1122587.8/37

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: 4711.459 $\pm$ 4085.573 χ^2 /NDF:0.0/1

Right Out: -138.838 $\pm$ 1129.319 χ^2 /NDF: 18.0/17

Left In: -4062.616 $\pm$ 6516.073 χ^2 /NDF:0.0/0

Left: 2235.495 $\pm$ 3461.445 χ^2 /NDF: 1.3/2

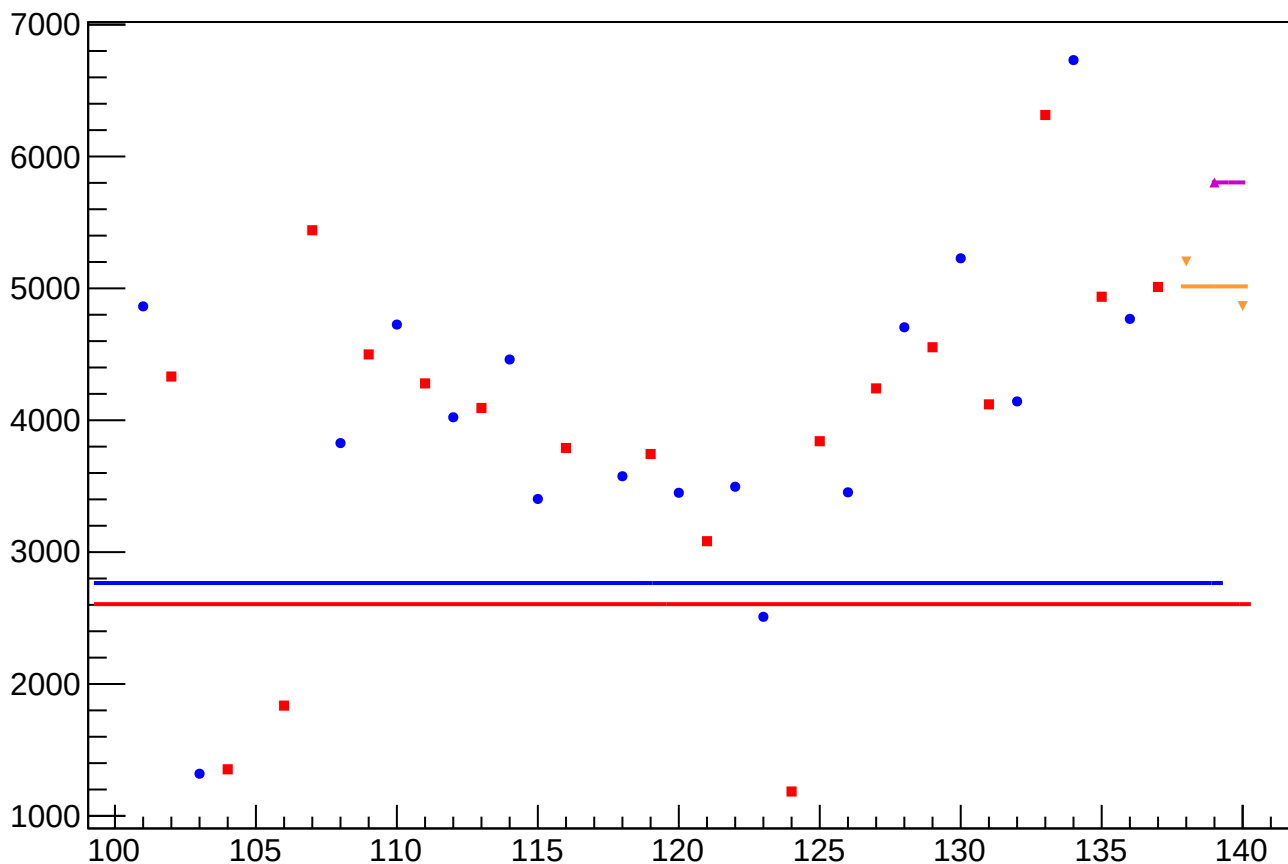
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -1180.804 $\pm$ 1191.927 χ^2 /NDF:15.2/17

Out: 205.448 $\pm$ 1088.500 χ^2 /NDF:19.3/19

All: -424.935 $\pm$ 803.768 χ^2 /NDF: 35.3/37

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 5014.913+/-2.889 χ^2/NDF : 3364.8/1

Right Out: 2605.528+/-0.799 χ^2/NDF : 3322334.9/17

Left In: 5803.346+/-4.608 χ^2/NDF : 0.0/0

Left: 5237.401+/-2.448 χ^2/NDF : 24383.1/2

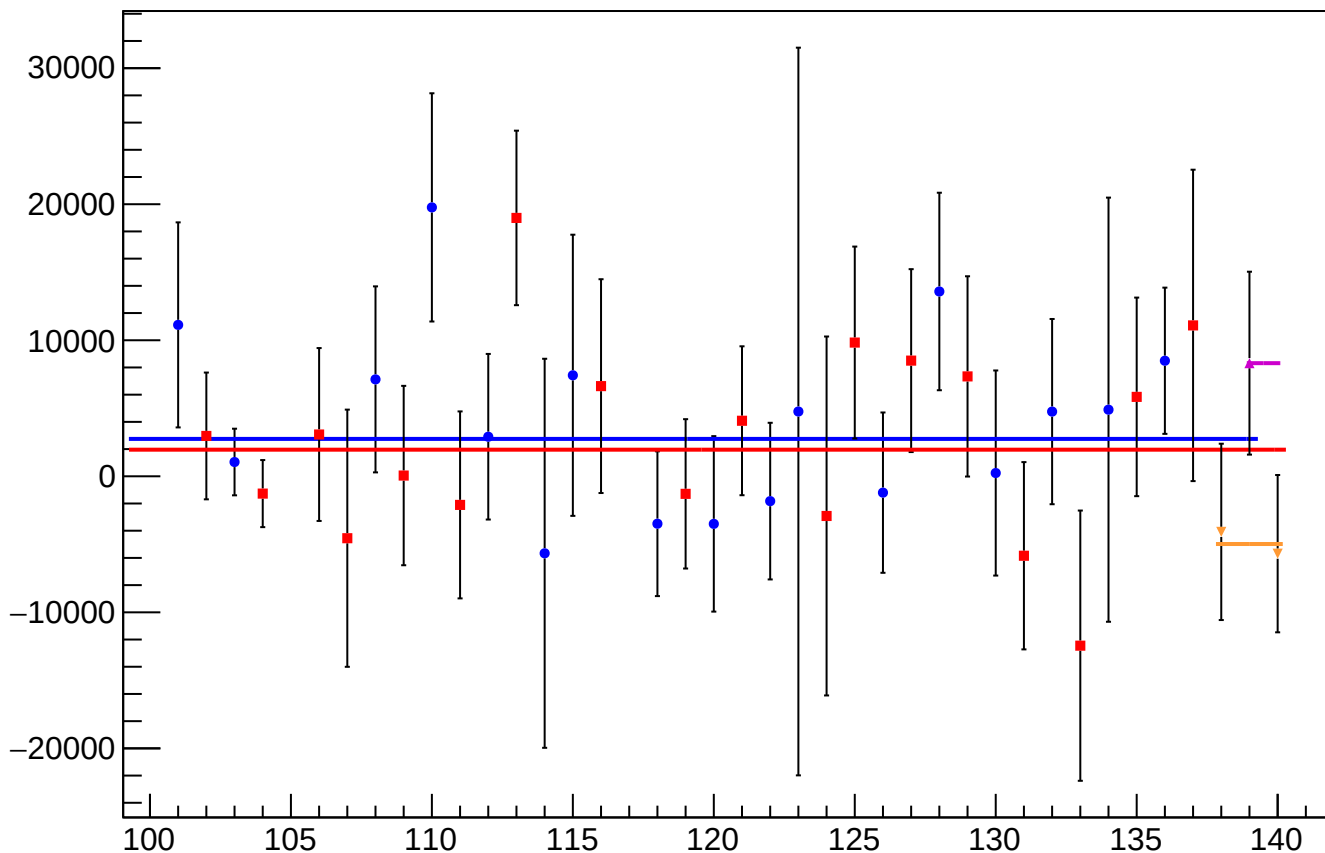
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 2867.375+/-0.843 χ^2/NDF : 3359172.6/17

Out: 2776.552+/-0.770 χ^2/NDF : 3971889.8/19

All: 2817.853+/-0.568 χ^2/NDF : 7337394.2/37

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: -4977.977+/-4314.367 χ^2/NDF : 0.0/1

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 8315.996+/-6722.512 χ^2/NDF : 0.0/0

Left: -1099.798+/-3630.932 χ^2/NDF : 2.8/2

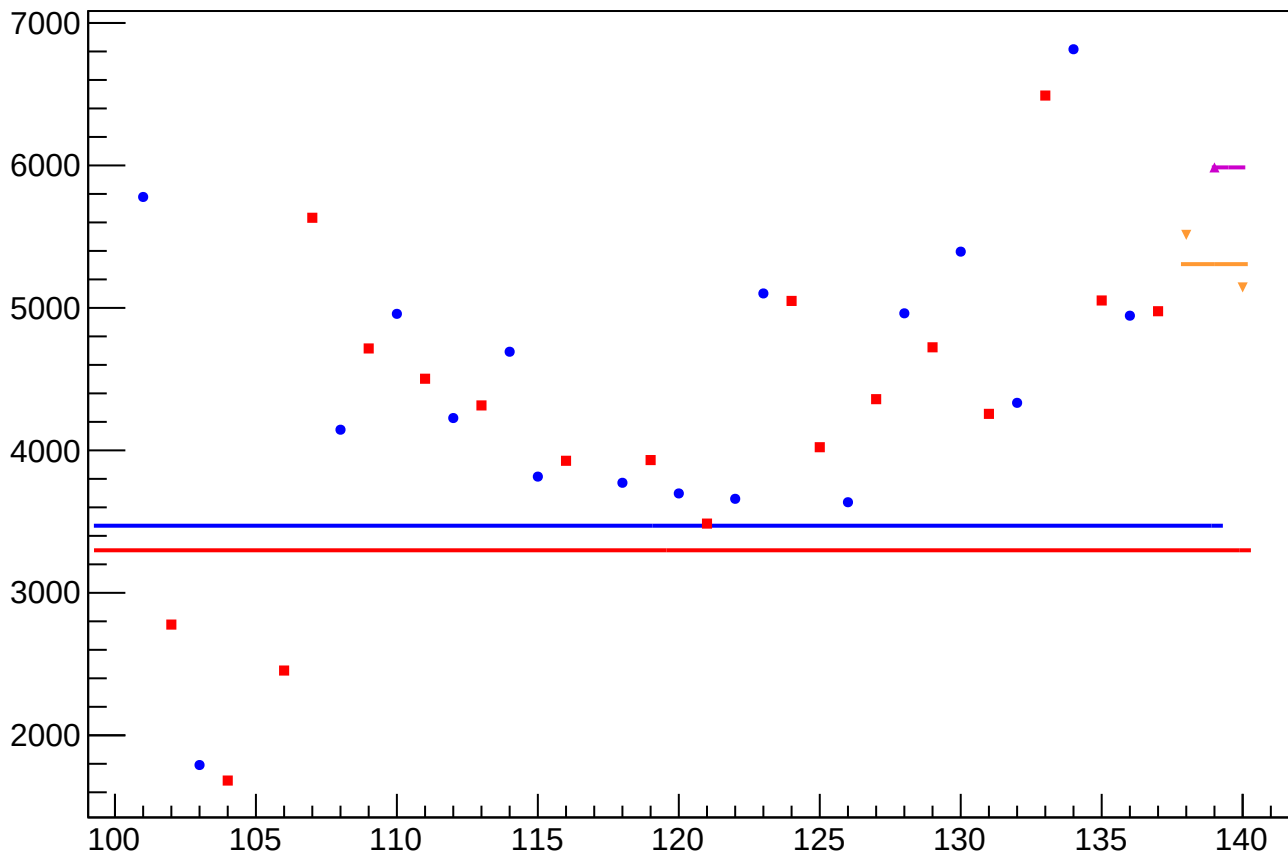
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2994.699+/-1414.263 χ^2/NDF : 14.4/17

Out: 1308.708+/-1318.113 χ^2/NDF : 20.2/19

All: 2092.448+/-964.248 χ^2/NDF : 35.4/37

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 5307.252+/-3.051 χ^2/NDF : 3609.6/1

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5986.200+/-4.754 χ^2/NDF : 0.0/0

Left: 5505.318+/-2.567 χ^2/NDF : 18058.7/2

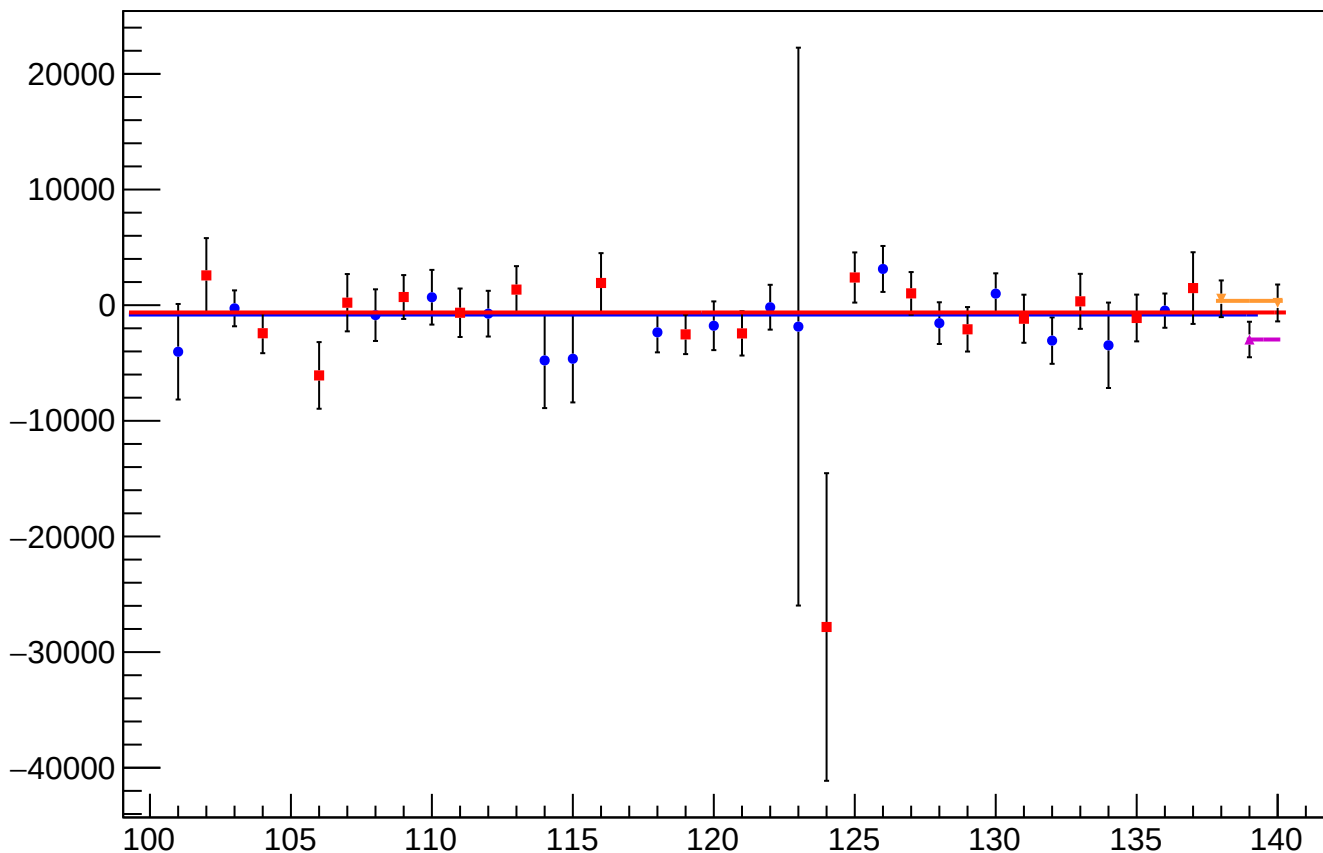
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3582.461+/-1.000 χ^2/NDF : 2035439.9/17

Out: 3483.031+/-0.924 χ^2/NDF : 2283331.9/19

All: 3528.839+/-0.679 χ^2/NDF : 4324103.2/37

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: 373.777+/-1124.501 χ^2/NDF : 0.0/1

Right Out: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -2968.021+/-1535.170 χ^2/NDF : 0.0/0

Left: -793.144+/-907.166 χ^2/NDF : 3.1/2

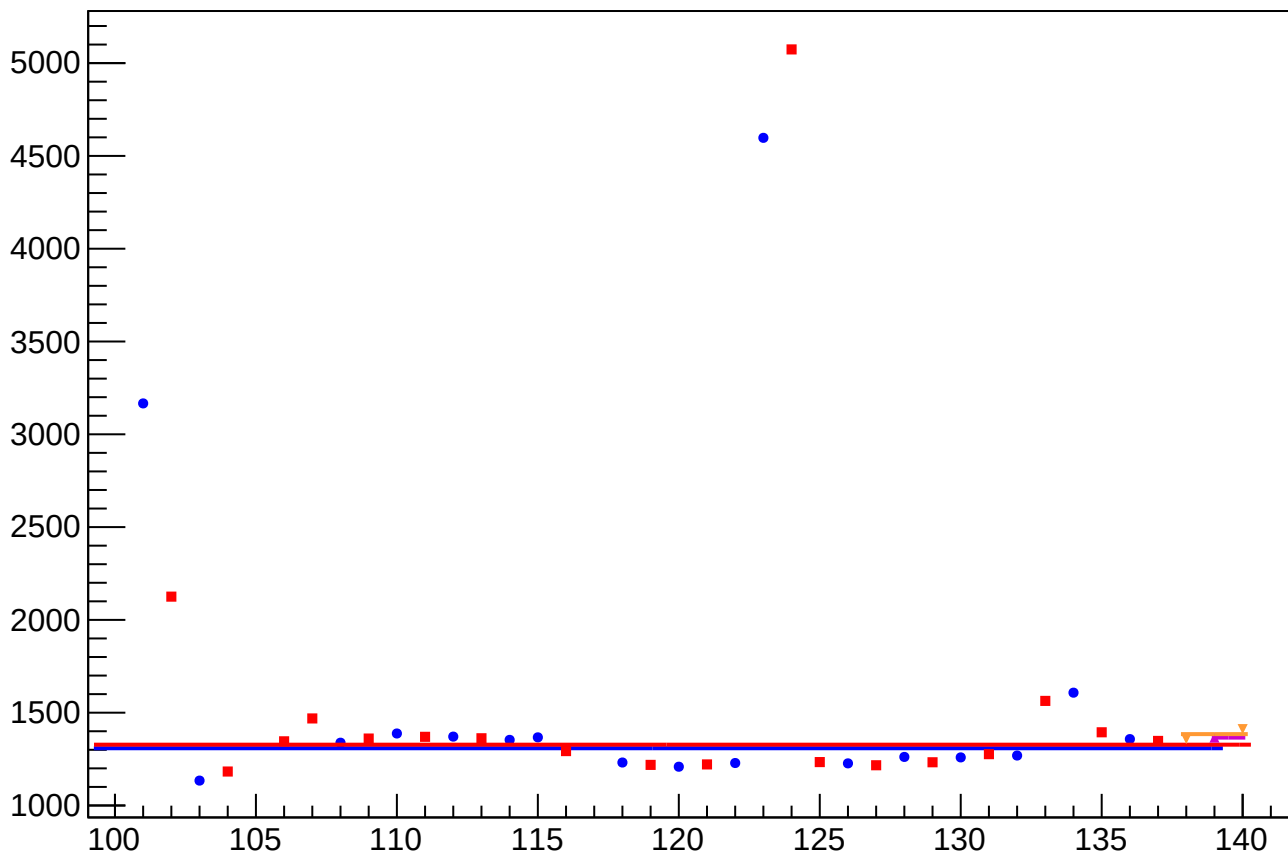
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -1029.846+/-490.974 χ^2/NDF : 13.0/17

Out: -456.541+/-468.179 χ^2/NDF : 19.2/19

All: -729.577+/-338.825 χ^2/NDF : 32.9/37

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1384.548 $\pm$ 0.795 χ^2 /NDF:1126.7/1

Right Out: 1327.647 $\pm$ 0.364 χ^2 /NDF: 357330.6/17

Left In: 1365.747 $\pm$ 1.086 χ^2 /NDF:0.0/0

Left: 1377.983 $\pm$ 0.641 χ^2 /NDF: 1321.9/2

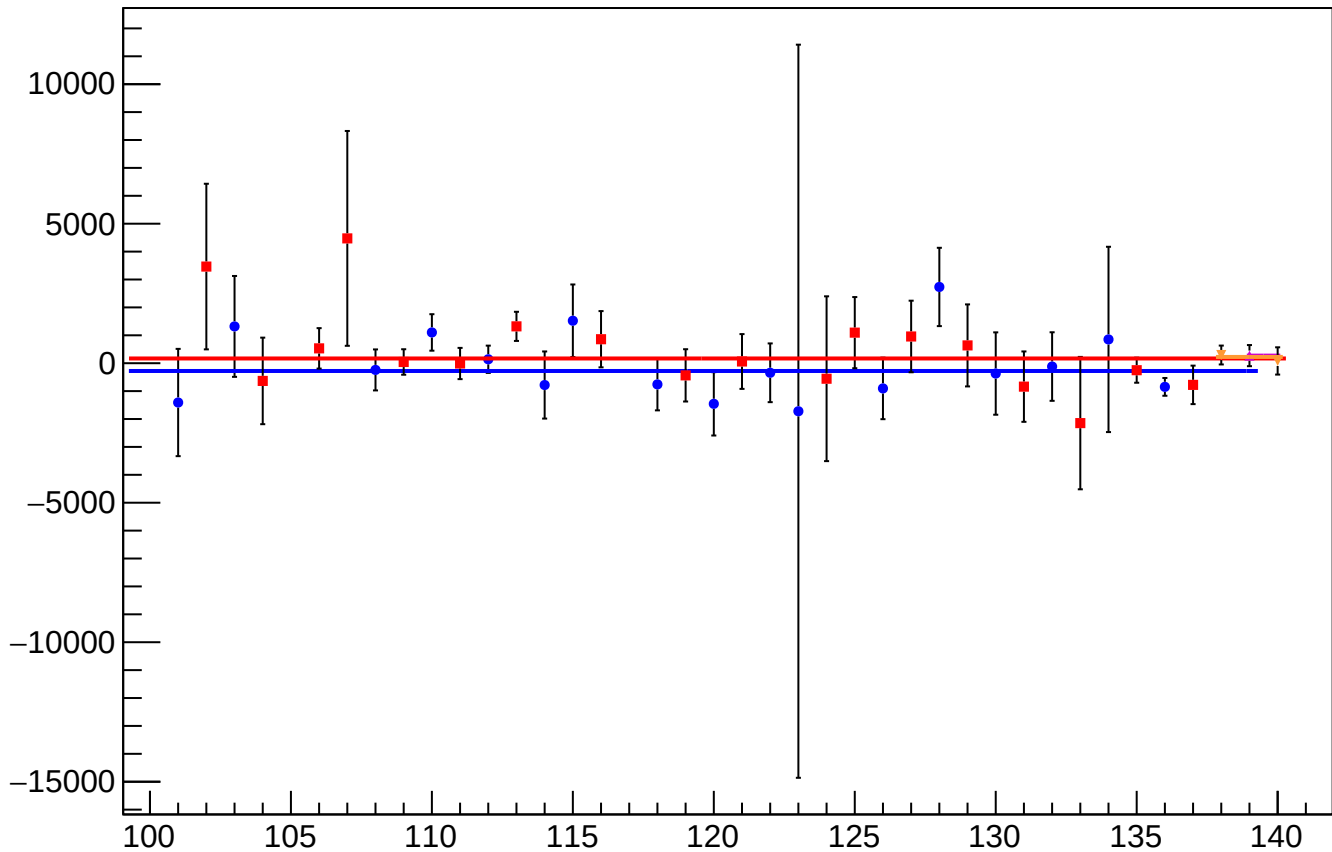
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1314.236 $\pm$ 0.347 χ^2 /NDF:509053.4/17

Out: 1337.510 $\pm$ 0.331 χ^2 /NDF:362690.6/19

All: 1326.426 $\pm$ 0.240 χ^2 /NDF: 874097.9/37

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: 224.746+/-278.125 χ^2/NDF : 0.1/1

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 271.771+/-378.782 χ^2/NDF : 0.0/0

Left: 241.218+/-224.182 χ^2/NDF : 0.1/2

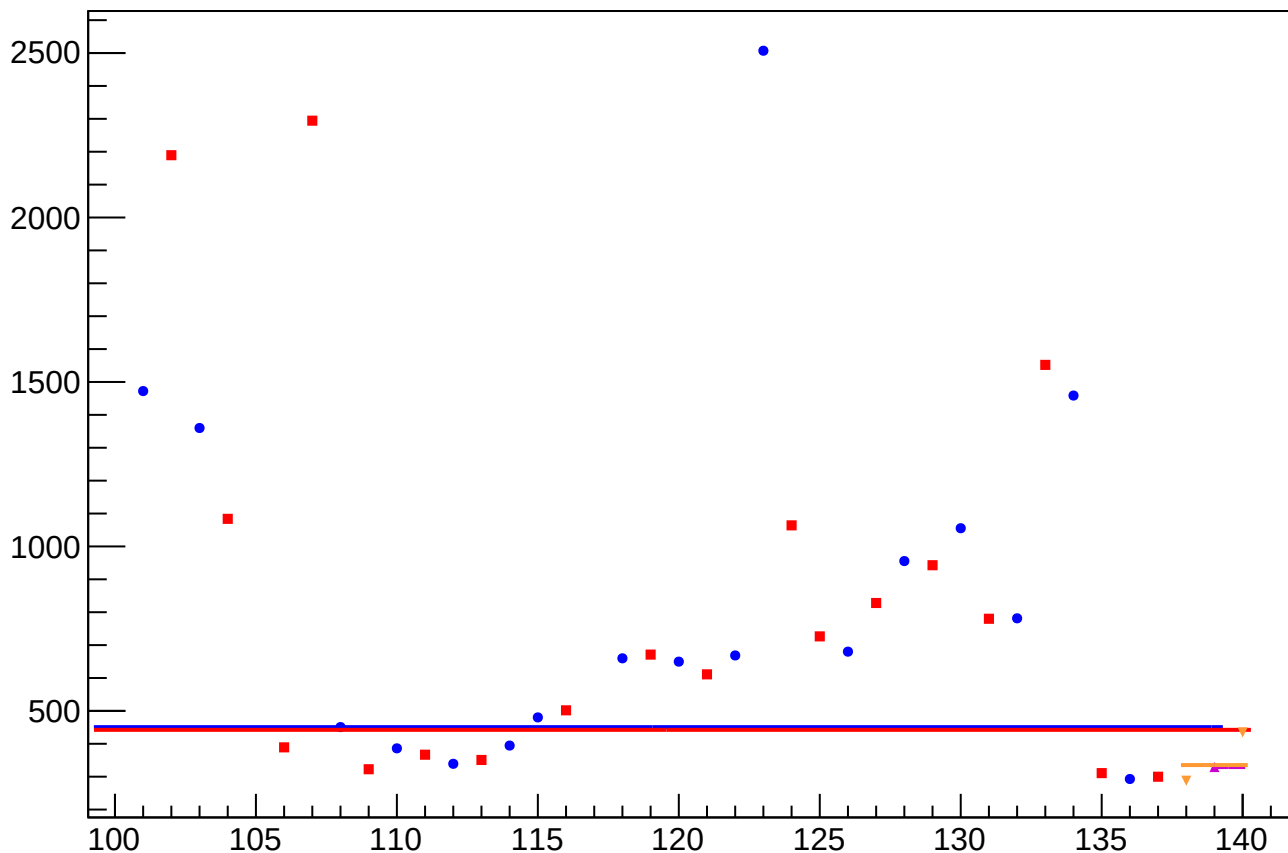
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -160.459+/-175.558 χ^2/NDF : 19.7/17

Out: 187.465+/-158.278 χ^2/NDF : 14.5/19

All: 31.464+/-117.555 χ^2/NDF : 36.4/37

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 335.278+/-0.197 χ^2/NDF :122194.9/1

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 329.267+/-0.268 χ^2/NDF :0.0/0

Left: 333.172+/-0.159 χ^2/NDF : 122522.2/2

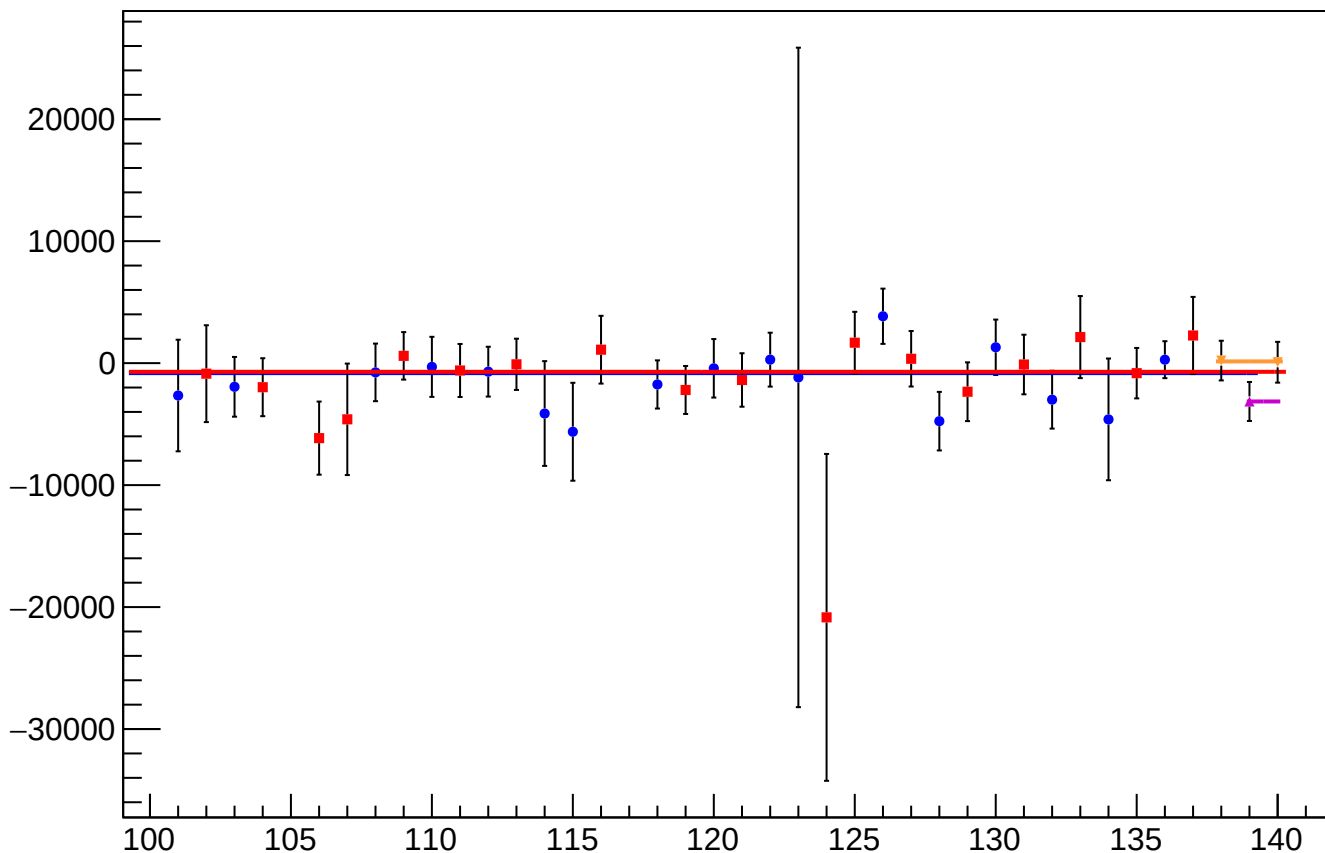
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 424.532+/-0.124 χ^2/NDF :3158855.6/17

Out: 407.685+/-0.112 χ^2/NDF :3691007.7/19

All: 415.239+/-0.083 χ^2/NDF : 6860023.0/37

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110 ± 601.150 χ^2/NDF : 12.7/16

Left Out: 143.054 ± 1165.837 χ^2/NDF : 0.0/1

Right Out: -710.618 ± 596.065 χ^2/NDF : 11.4/17

Left In: -3142.332 ± 1597.844 χ^2/NDF : 0.0/0

Left: -998.330 ± 941.797 χ^2/NDF : 2.8/2

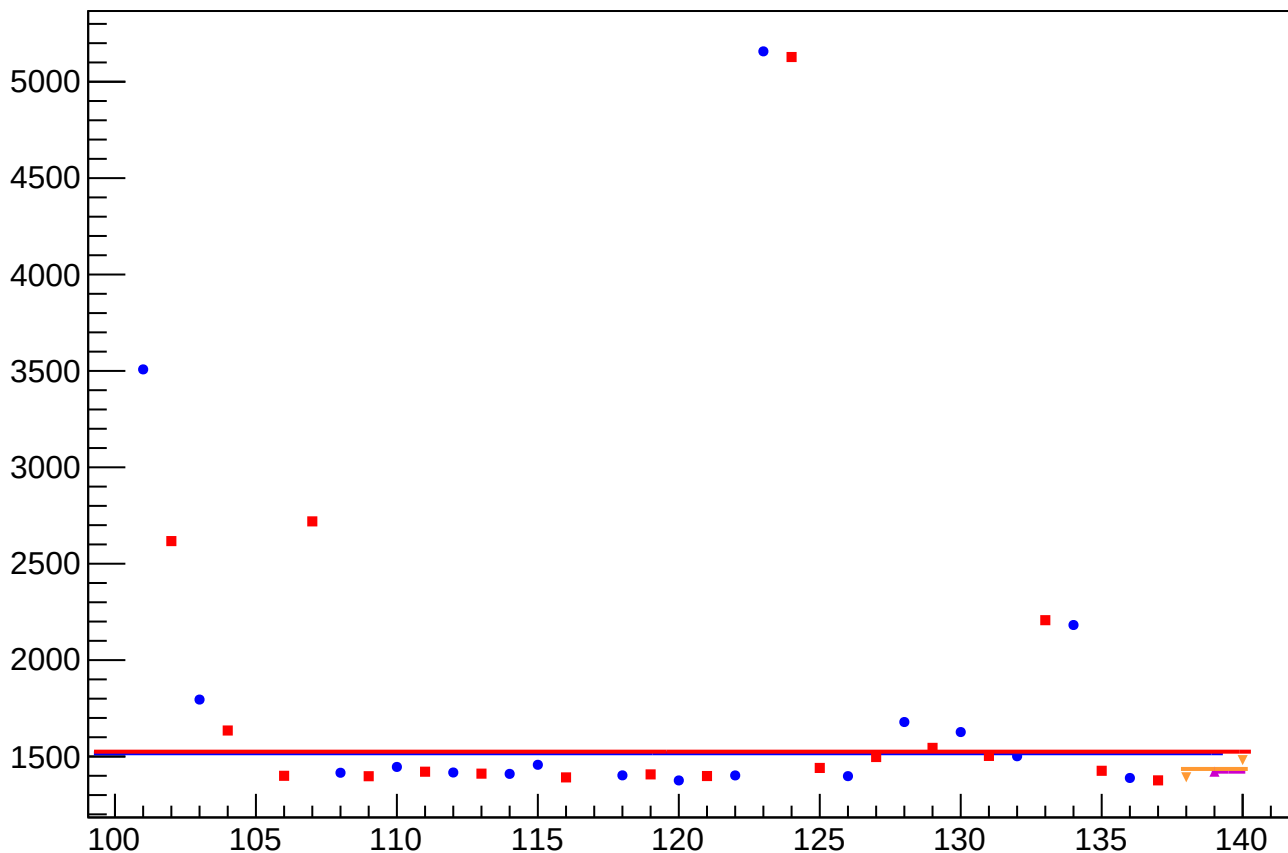
Right: -763.412 ± 423.268 χ^2/NDF : 24.1/34

In: -1105.425 ± 562.647 χ^2/NDF : 14.6/17

Out: -533.710 ± 530.722 χ^2/NDF : 11.9/19

All: -802.888 ± 386.070 χ^2/NDF : 27.0/37

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1435.457+/-0.824 χ^2/NDF : 2911.2/1

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1421.330+/-1.130 χ^2/NDF : 0.0/0

Left: 1430.549+/-0.666 χ^2/NDF : 3013.2/2

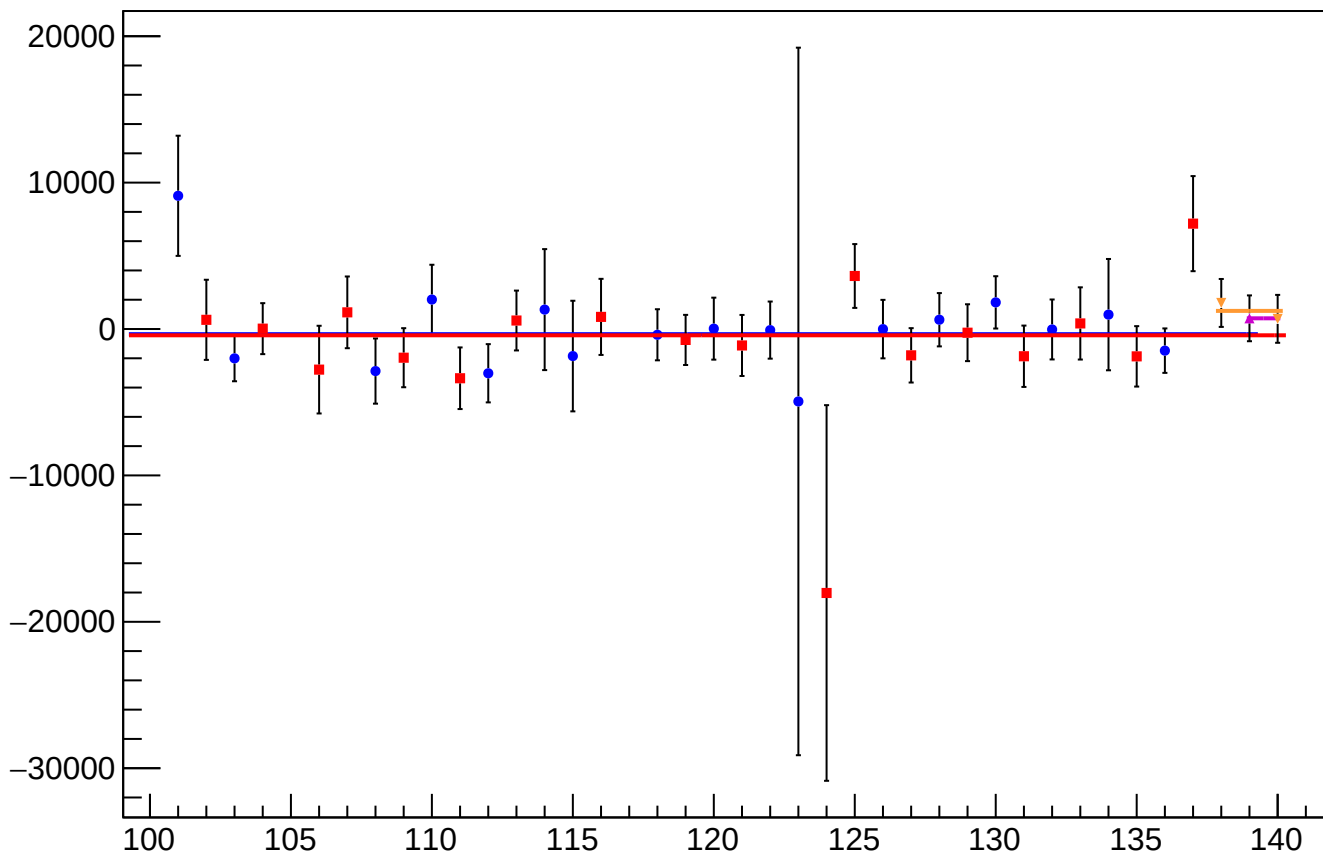
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1505.081+/-0.398 χ^2/NDF : 547311.9/17

Out: 1506.523+/-0.375 χ^2/NDF : 584214.5/19

All: 1505.844+/-0.273 χ^2/NDF : 1131533.3/37

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2/NDF : 13.4/16

Left Out: 1237.281+/-1157.194 χ^2/NDF : 0.2/1

Right Out: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: 730.377+/-1565.091 χ^2/NDF : 0.0/0

Left: 1058.114+/-930.478 χ^2/NDF : 0.3/2

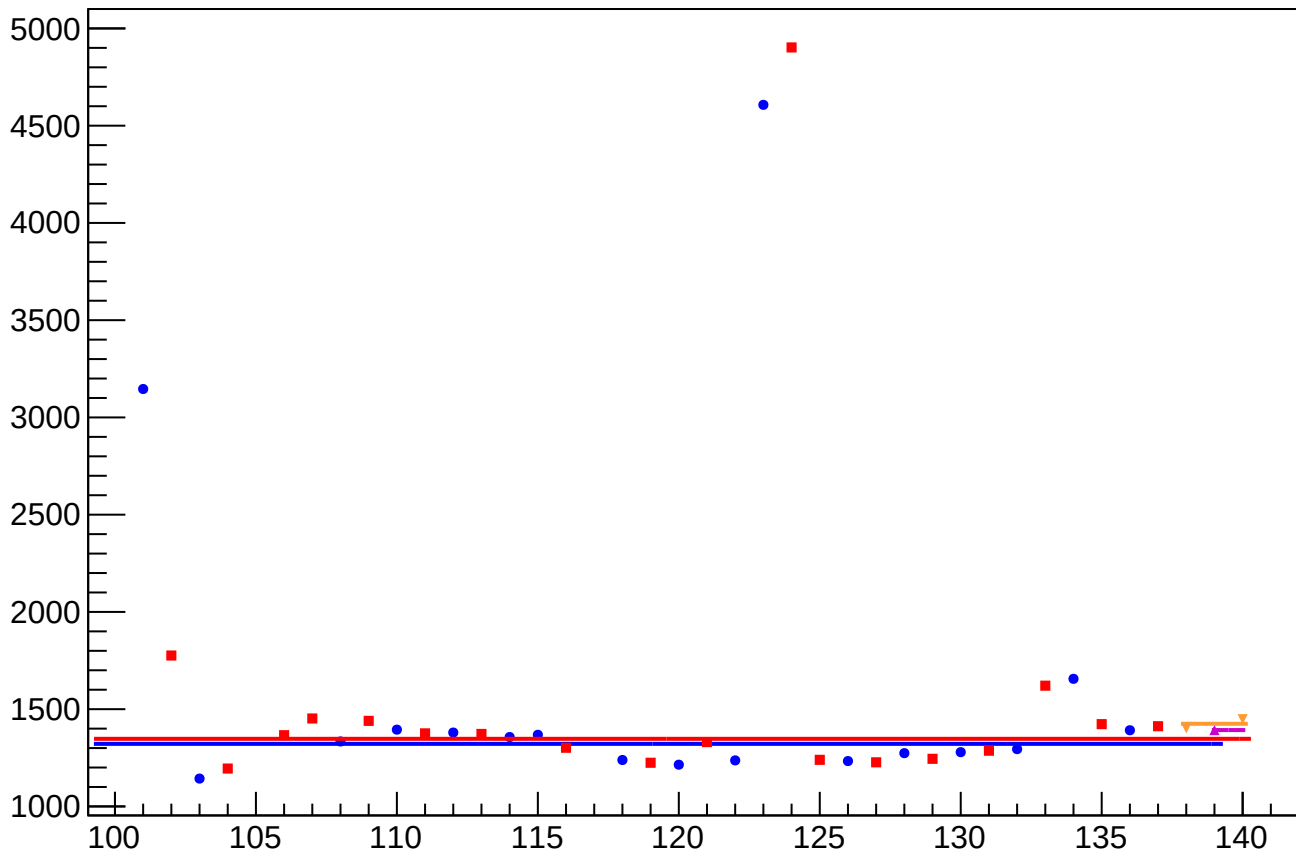
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -244.171+/-496.314 χ^2/NDF : 13.8/17

Out: -147.100+/-476.087 χ^2/NDF : 18.8/19

All: -193.617+/-343.573 χ^2/NDF : 32.6/37

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1425.018+/-0.818 χ^2/NDF : 825.5/1

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1392.620+/-1.107 χ^2/NDF : 0.0/0

Left: 1413.567+/-0.658 χ^2/NDF : 1379.6/2

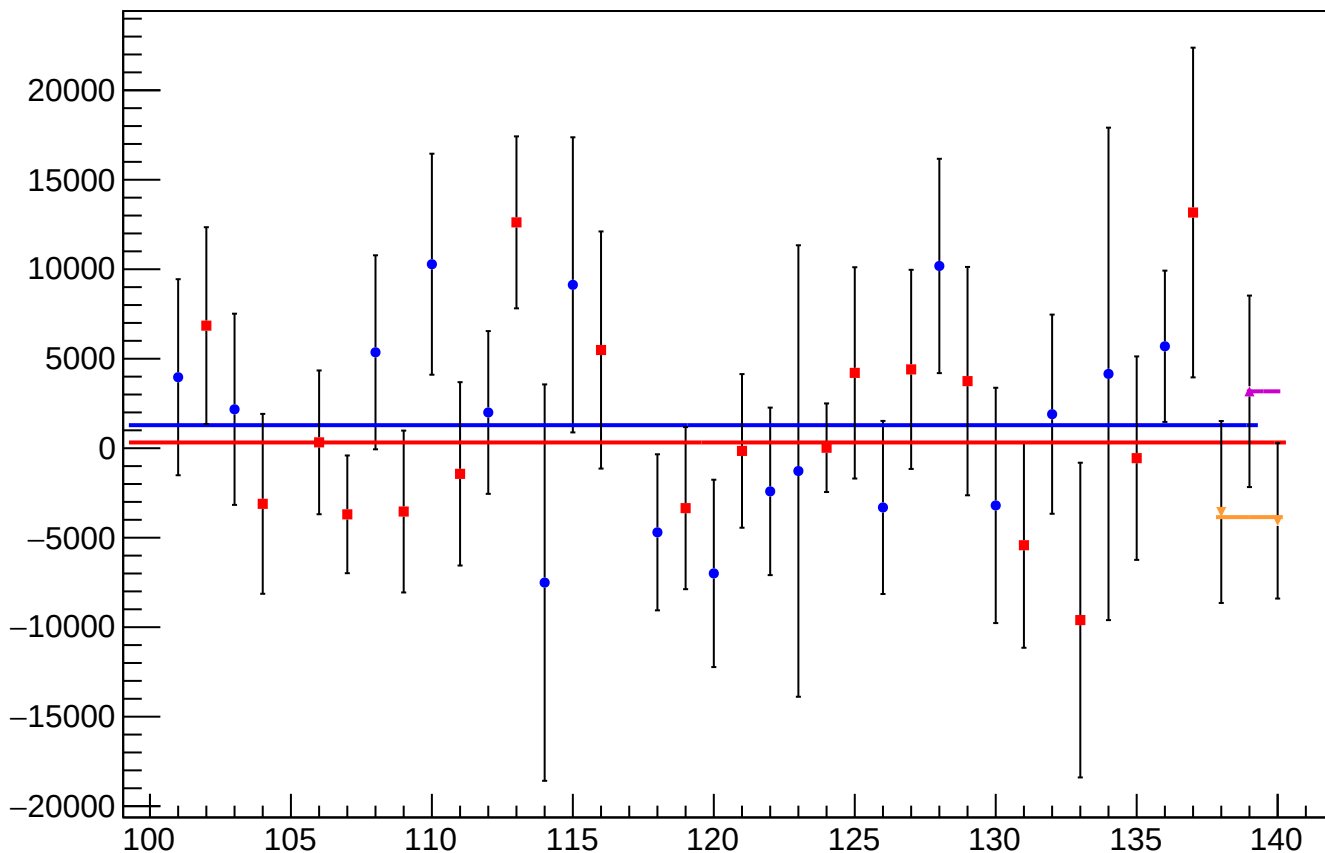
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1328.834+/-0.351 χ^2/NDF : 505939.2/17

Out: 1360.730+/-0.336 χ^2/NDF : 294555.7/19

All: 1345.453+/-0.243 χ^2/NDF : 804798.6/37

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -3849.926+/-3301.240 χ^2/NDF : 0.0/1

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: 3178.237+/-5349.833 χ^2/NDF : 0.0/0

Left: -1911.759+/-2809.409 χ^2/NDF : 1.3/2

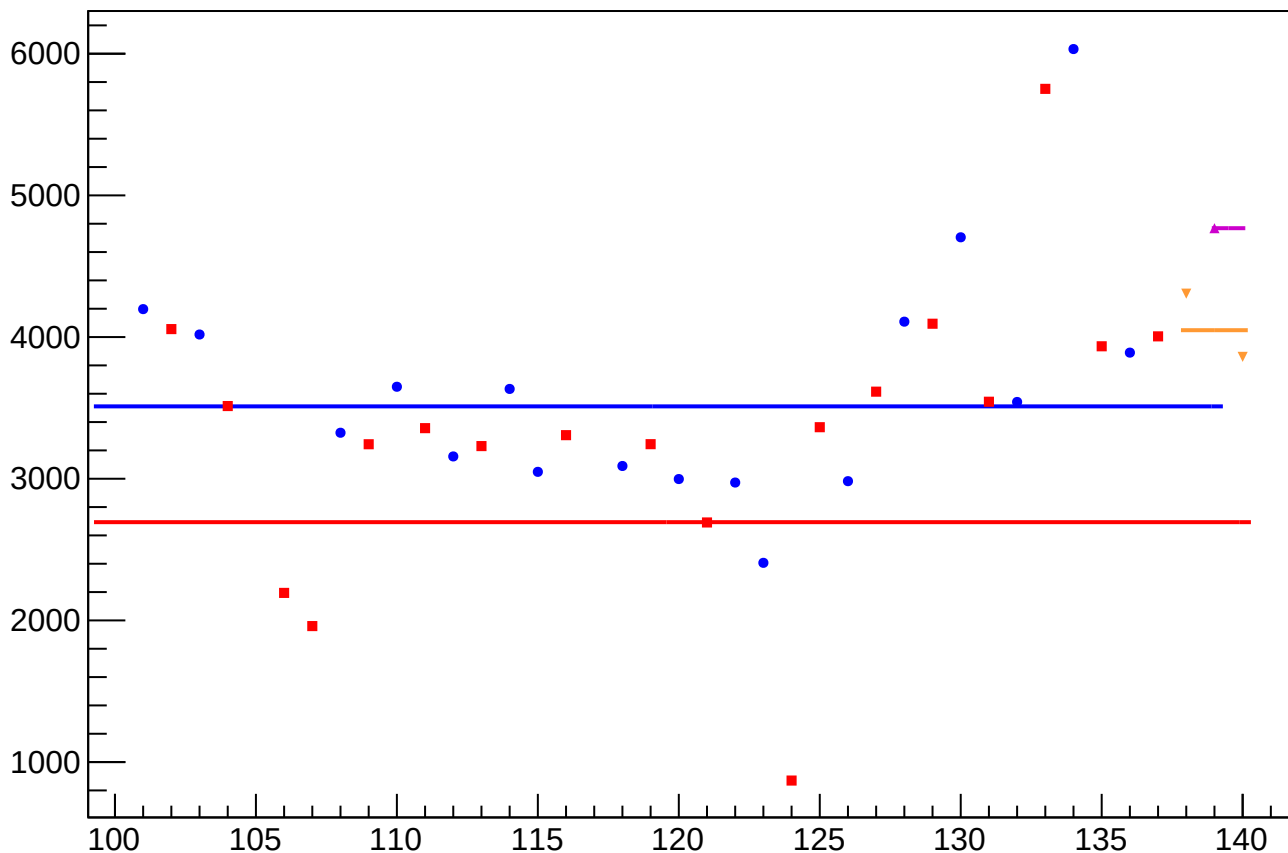
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 1404.790+/-1332.493 χ^2/NDF : 14.4/17

Out: -99.166+/-1048.352 χ^2/NDF : 19.0/19

All: 475.844+/-823.920 χ^2/NDF : 34.2/37

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 4048.459+/-2.334 χ^2/NDF : 8908.4/1

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 4768.483+/-3.783 χ^2/NDF : 0.0/0

Left: 4247.021+/-1.987 χ^2/NDF : 35145.7/2

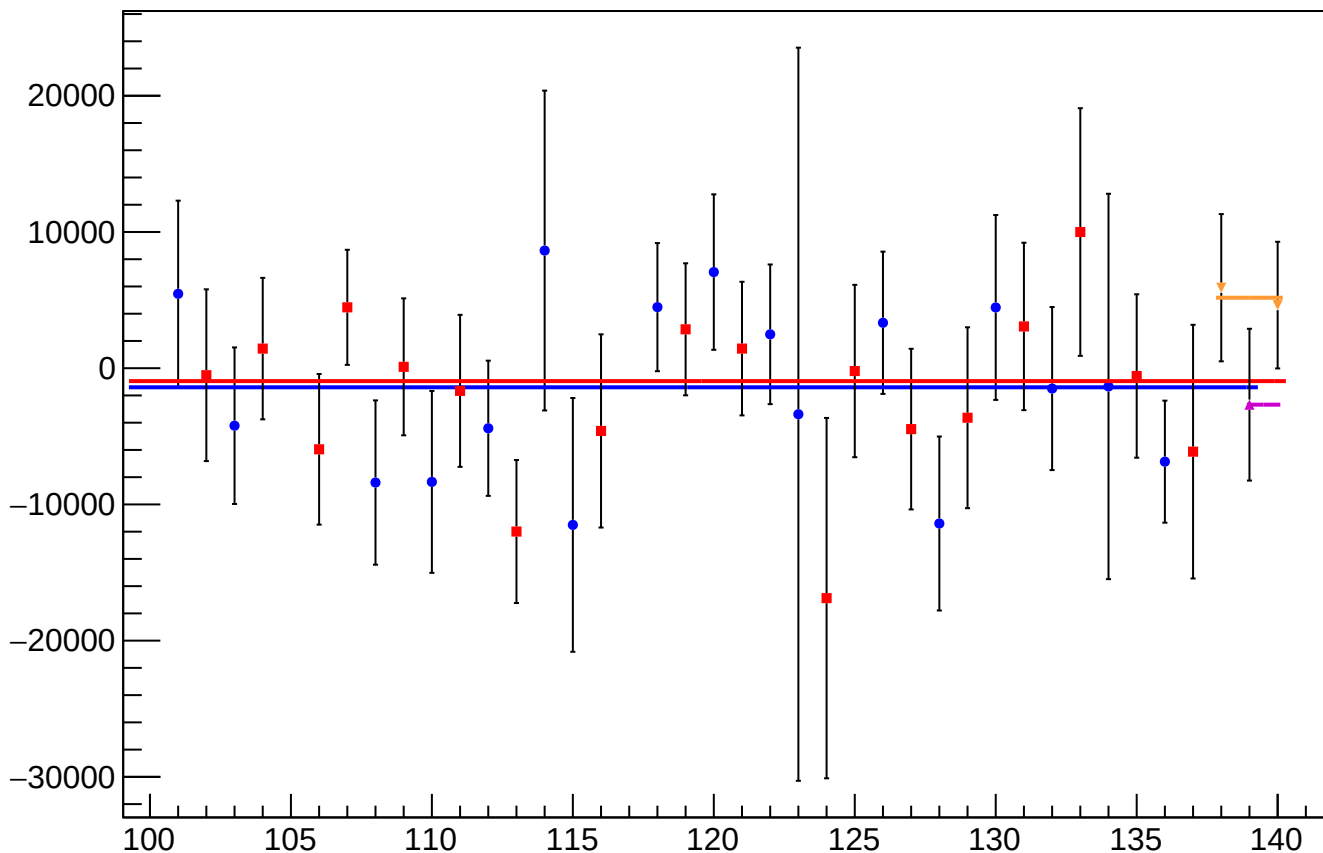
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3588.821+/-0.942 χ^2/NDF : 447730.4/17

Out: 2830.145+/-0.741 χ^2/NDF : 2437693.2/19

All: 3120.211+/-0.583 χ^2/NDF : 3285892.5/37

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 5175.069+/-3524.577 χ^2/NDF : 0.0/1

Right Out: -947.960+/-1382.709 χ^2/NDF : 12.5/17

Left In: -2677.652+/-5571.653 χ^2/NDF : 0.0/0

Left: 2930.748+/-2978.629 χ^2/NDF : 1.5/2

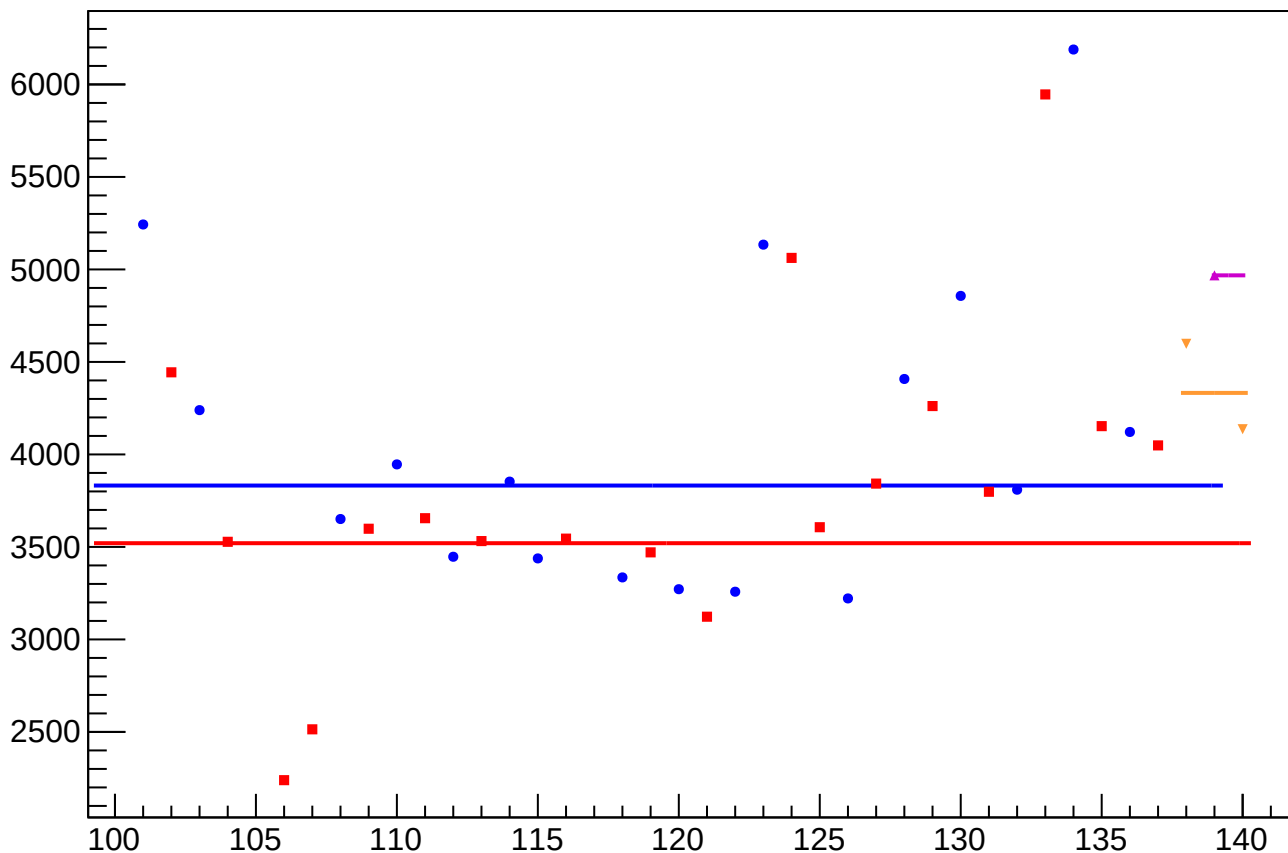
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -1488.135+/-1452.163 χ^2/NDF : 15.8/17

Out: -131.294+/-1287.201 χ^2/NDF : 15.1/19

All: -728.302+/-963.254 χ^2/NDF : 31.4/37

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4332.586+/-2.492 χ^2/NDF : 8385.1/1

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

Left In: 4968.039+/-3.940 χ^2/NDF : 0.0/0

Left: 4514.200+/-2.106 χ^2/NDF : 26965.2/2

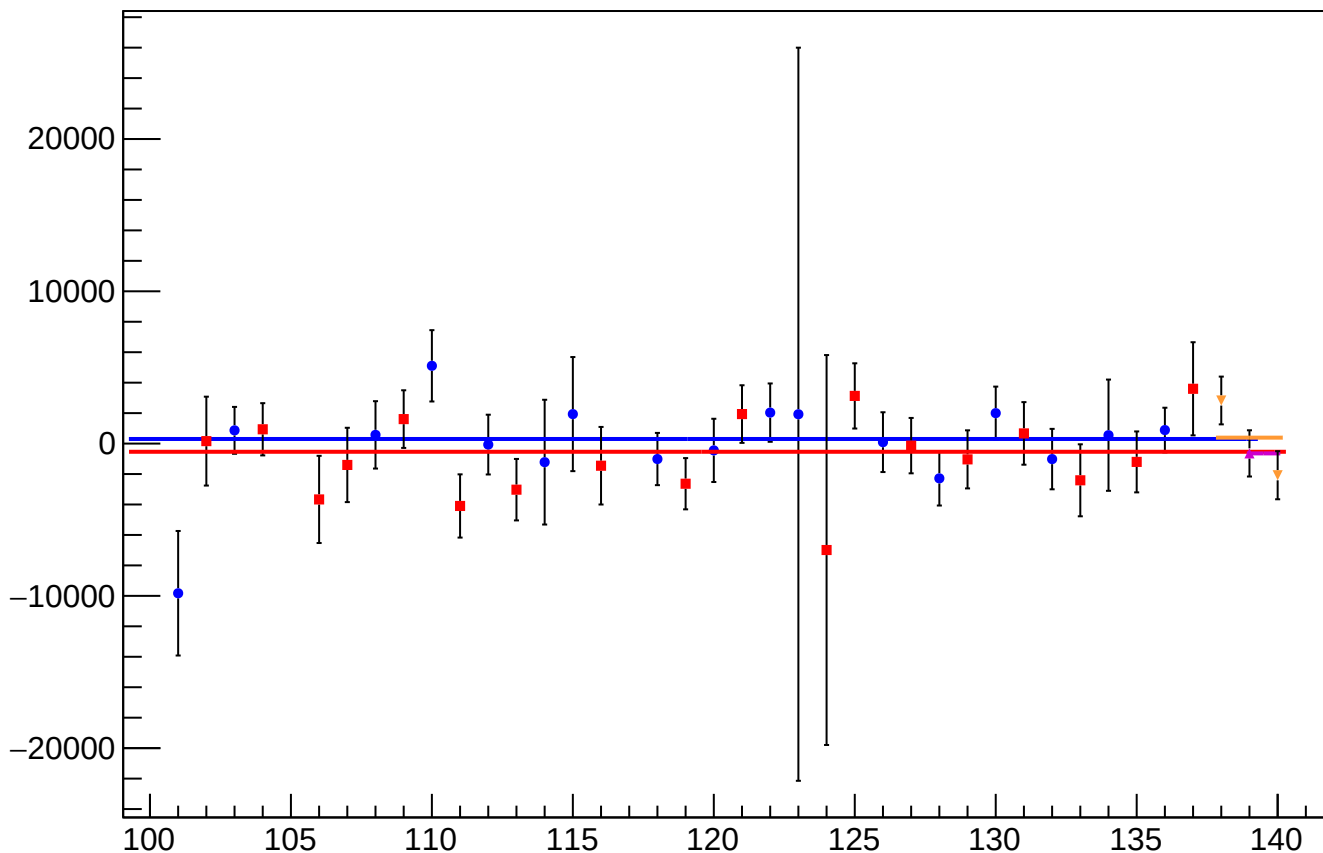
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 3908.998+/-1.027 χ^2/NDF : 415231.2/17

Out: 3626.830+/-0.903 χ^2/NDF : 644837.0/19

All: 3749.880+/-0.678 χ^2/NDF : 1102652.3/37

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968+/-512.834 χ^2/NDF : 16.1/16

Left Out: 389.598+/-1112.208 χ^2/NDF : 4.9/1

Right Out: -537.727+/-508.684 χ^2/NDF : 17.5/17

Left In: -644.849+/-1517.967 χ^2/NDF : 0.0/0

Left: 28.249+/-897.163 χ^2/NDF : 5.2/2

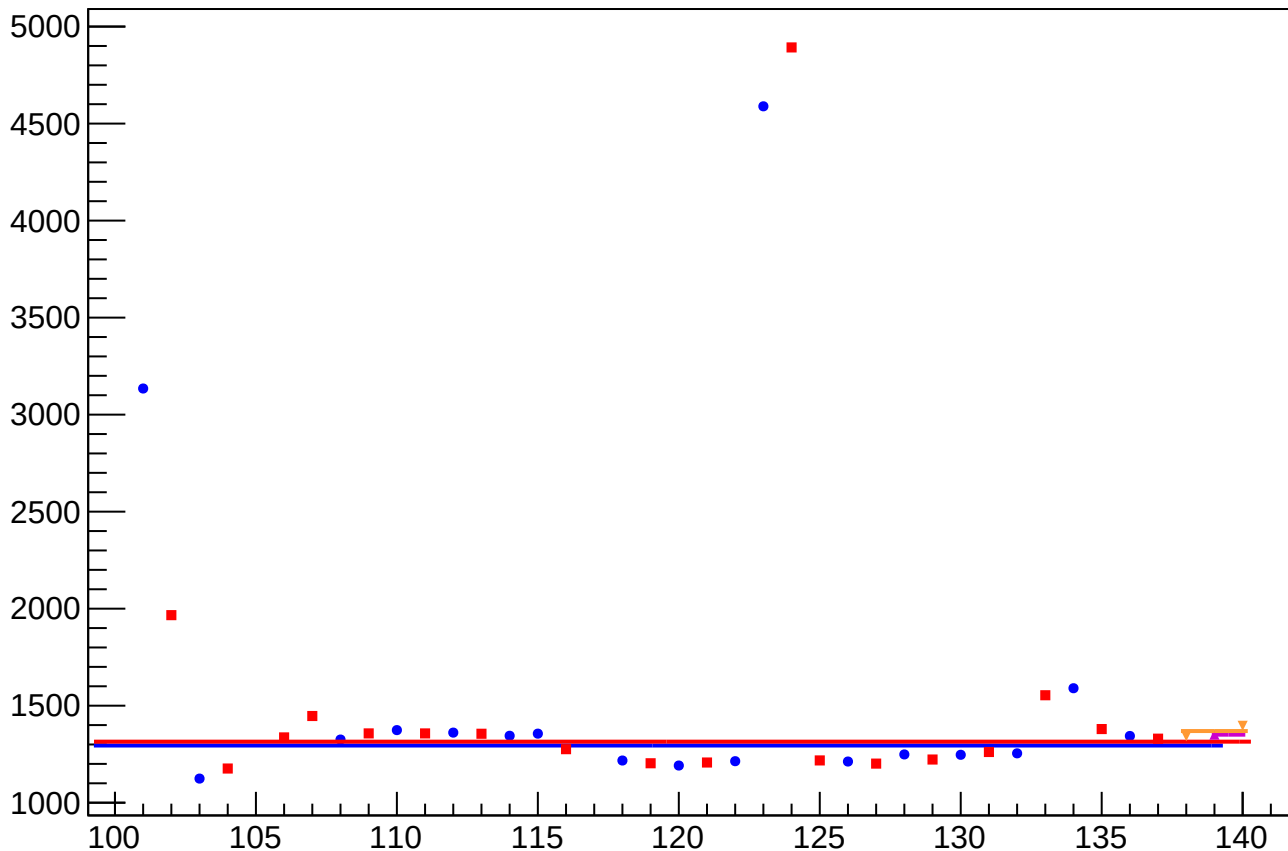
Right: -121.291+/-361.152 χ^2/NDF : 34.9/34

In: 204.971+/-485.856 χ^2/NDF : 16.4/17

Out: -377.305+/-462.597 χ^2/NDF : 22.9/19

All: -100.437+/-335.026 χ^2/NDF : 40.1/37

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1369.283+/-0.786 χ^2/NDF :1168.2/1

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1350.638+/-1.073 χ^2/NDF :0.0/0

Left: 1362.770+/-0.634 χ^2/NDF : 1364.5/2

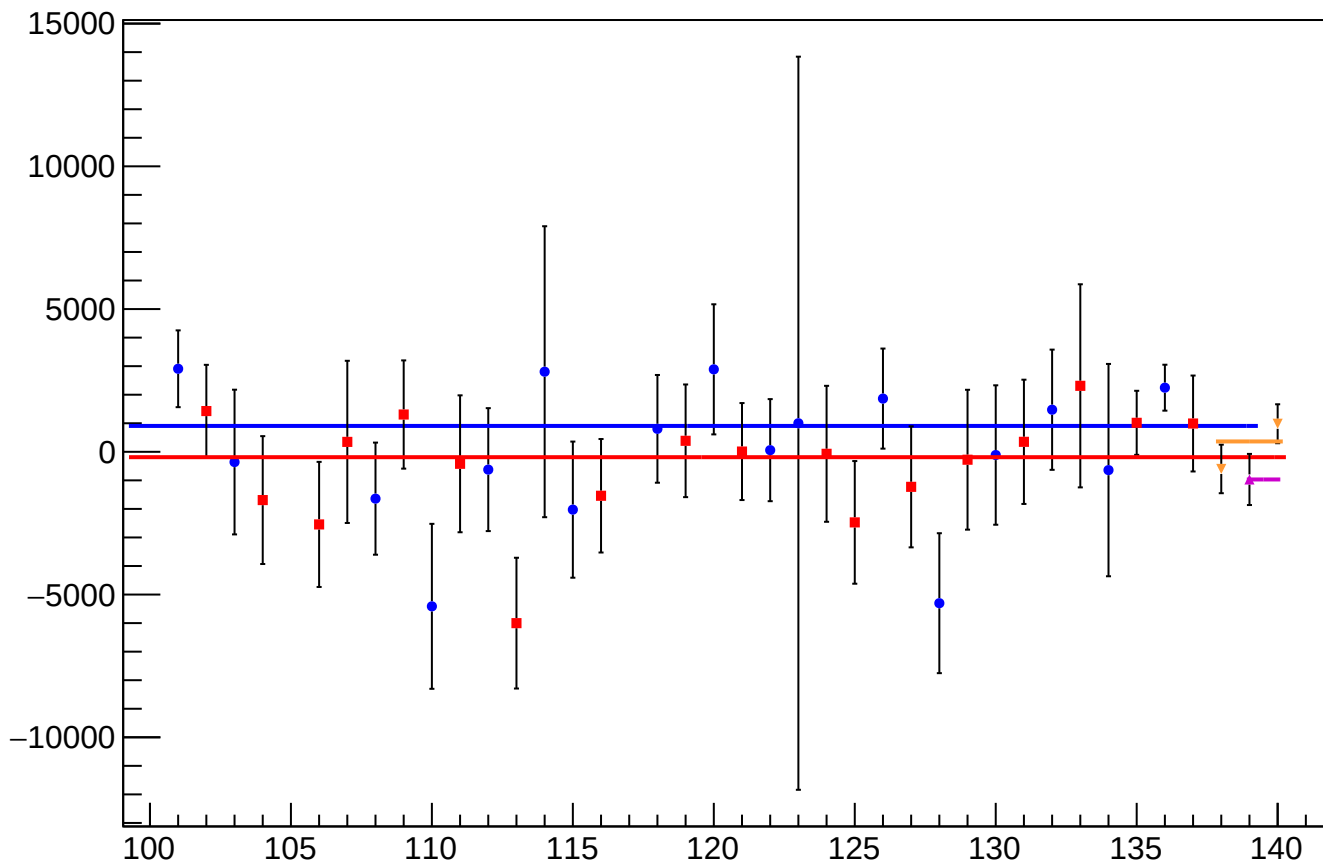
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1300.457+/-0.344 χ^2/NDF :510239.1/17

Out: 1324.050+/-0.327 χ^2/NDF :339006.9/19

All: 1312.832+/-0.237 χ^2/NDF : 851719.7/37

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 363.149+/-532.183 χ^2/NDF : 2.1/1

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -968.707+/-895.419 χ^2/NDF : 0.0/0

Left: 15.491+/-457.482 χ^2/NDF : 3.7/2

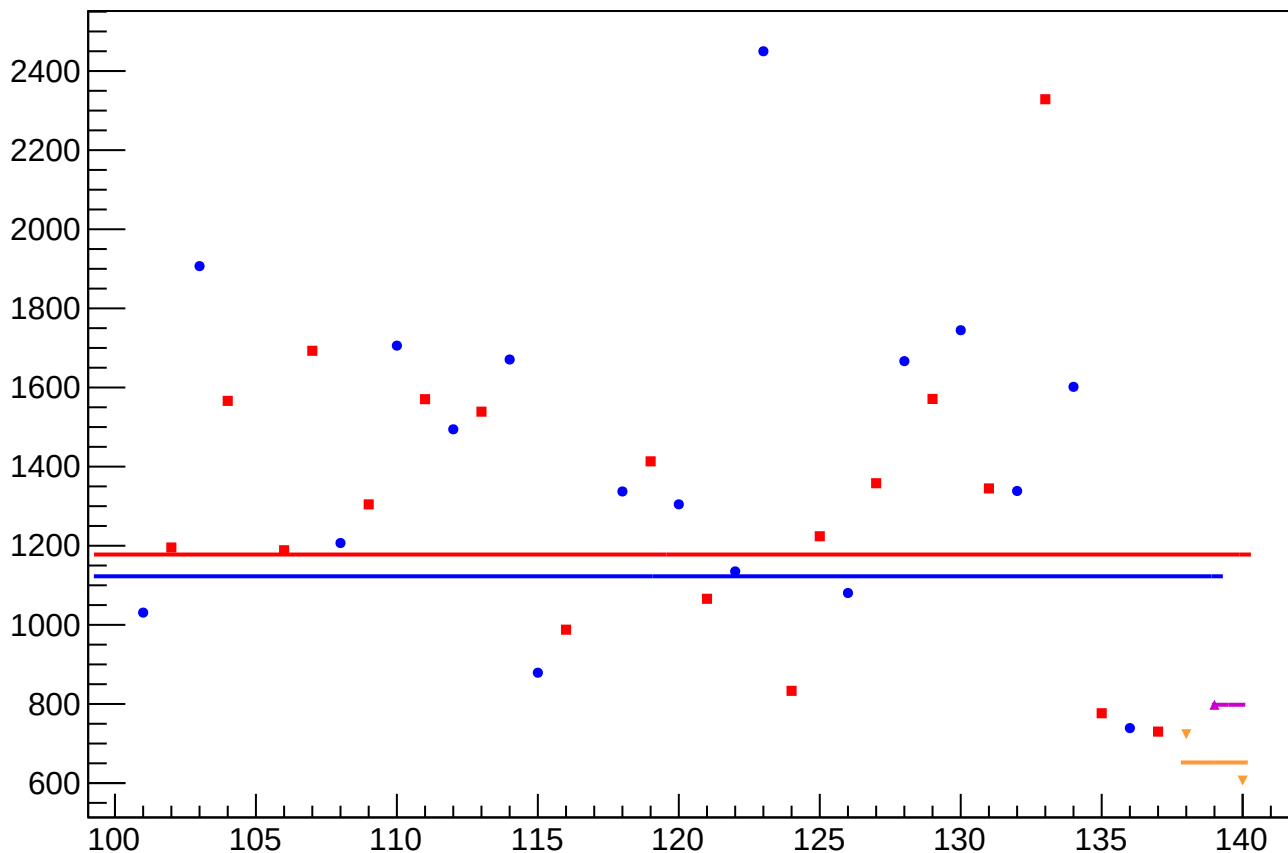
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 520.692+/-406.230 χ^2/NDF : 25.5/17

Out: 50.243+/-349.965 χ^2/NDF : 16.6/19

All: 250.657+/-265.142 χ^2/NDF : 42.8/37

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 652.145+/-0.376 χ^2/NDF : 23059.6/1

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 798.050+/-0.633 χ^2/NDF : 0.0/0

Left: 690.231+/-0.323 χ^2/NDF : 62300.8/2

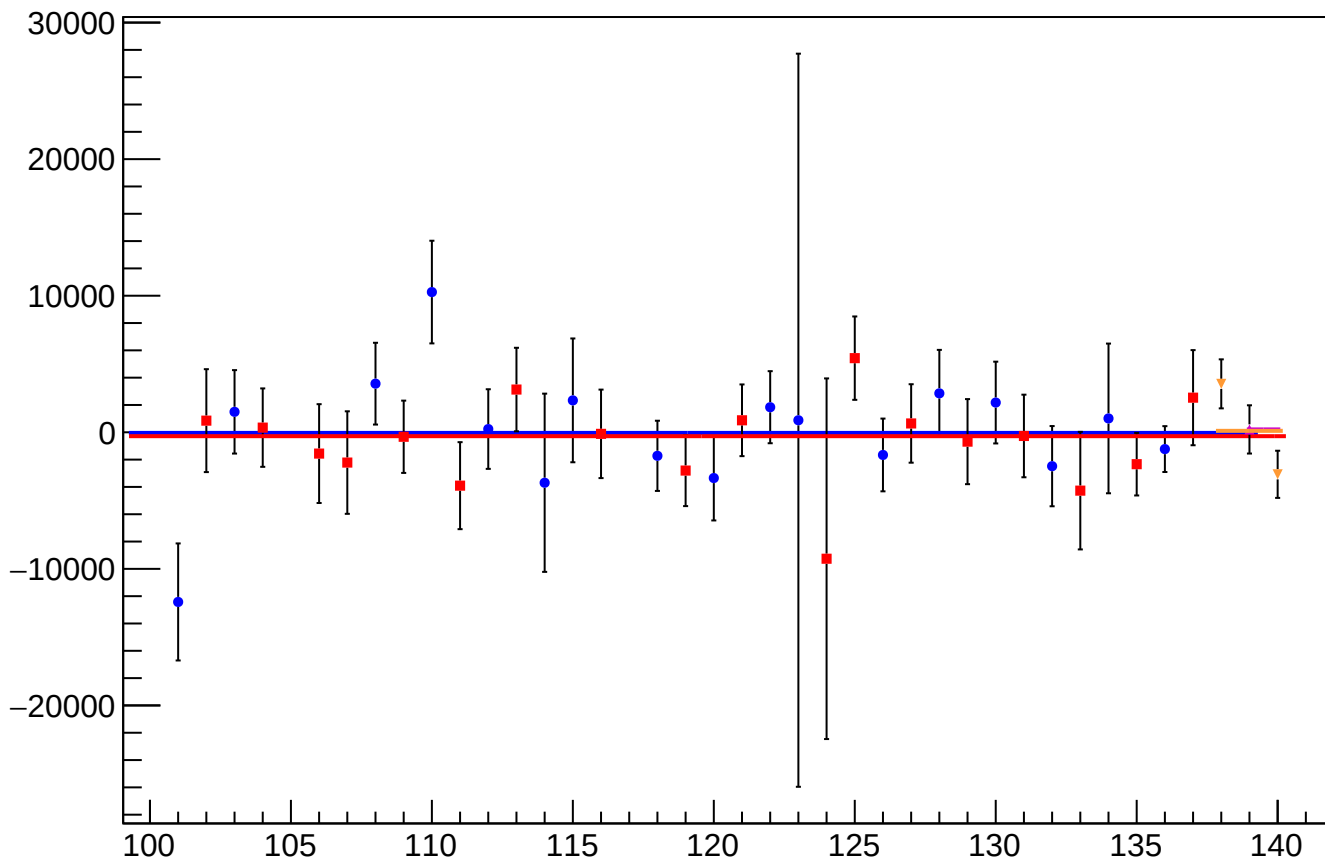
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 1055.938+/-0.287 χ^2/NDF : 1396888.7/17

Out: 950.483+/-0.247 χ^2/NDF : 2152197.0/19

All: 995.407+/-0.187 χ^2/NDF : 3626448.1/37

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367+/-747.588 χ^2/NDF : 23.2/16

Left Out: 106.188+/-1244.254 χ^2/NDF : 7.1/1

Right Out: -285.373+/-735.391 χ^2/NDF : 10.6/17

Left In: 210.402+/-1766.425 χ^2/NDF : 0.0/0

Left: 140.748+/-1017.229 χ^2/NDF : 7.1/2

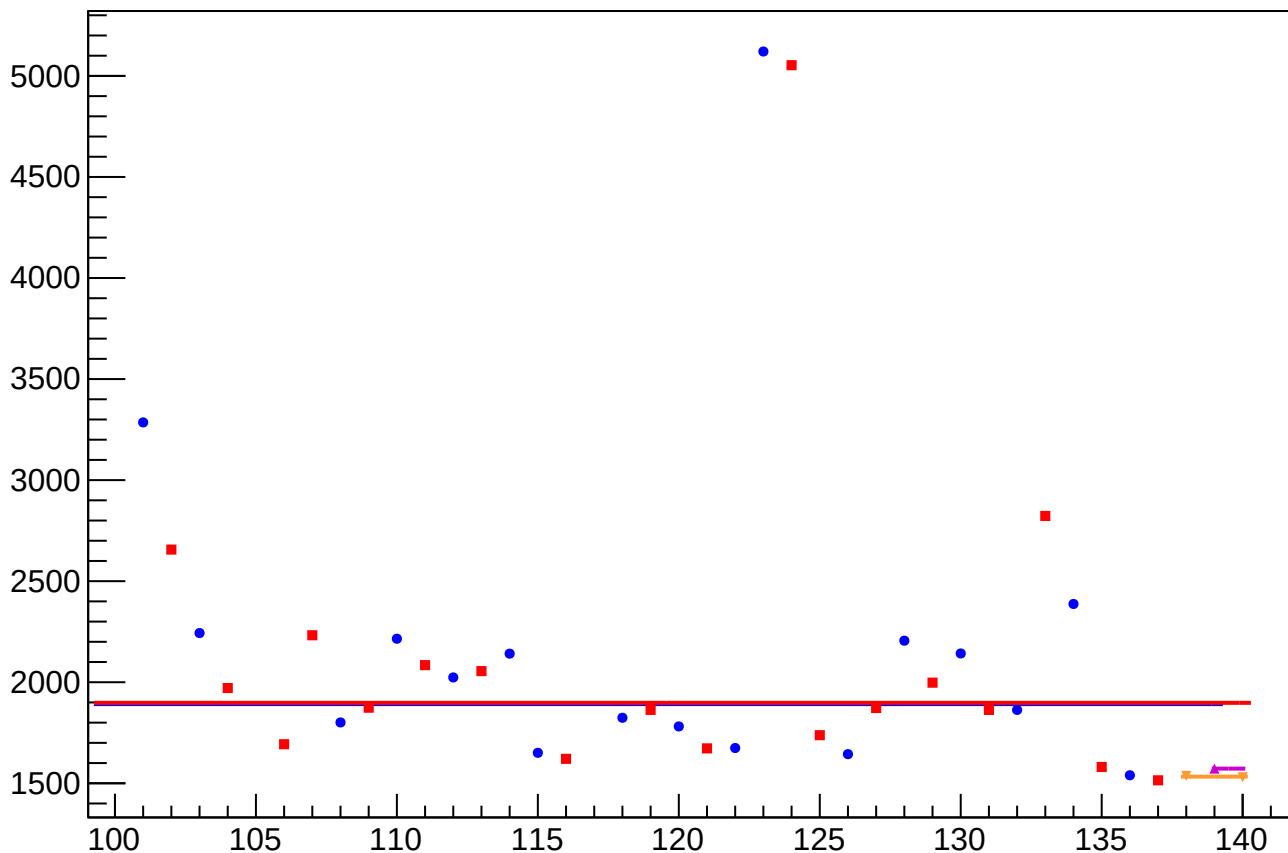
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -5.666+/-688.469 χ^2/NDF : 23.2/17

Out: -184.004+/-633.084 χ^2/NDF : 17.8/19

All: -102.296+/-466.010 χ^2/NDF : 41.0/37

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1533.010+/-0.880 χ^2/NDF : 15.1/1

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1572.618+/-1.249 χ^2/NDF : 0.0/0

Left: 1546.145+/-0.719 χ^2/NDF : 687.2/2

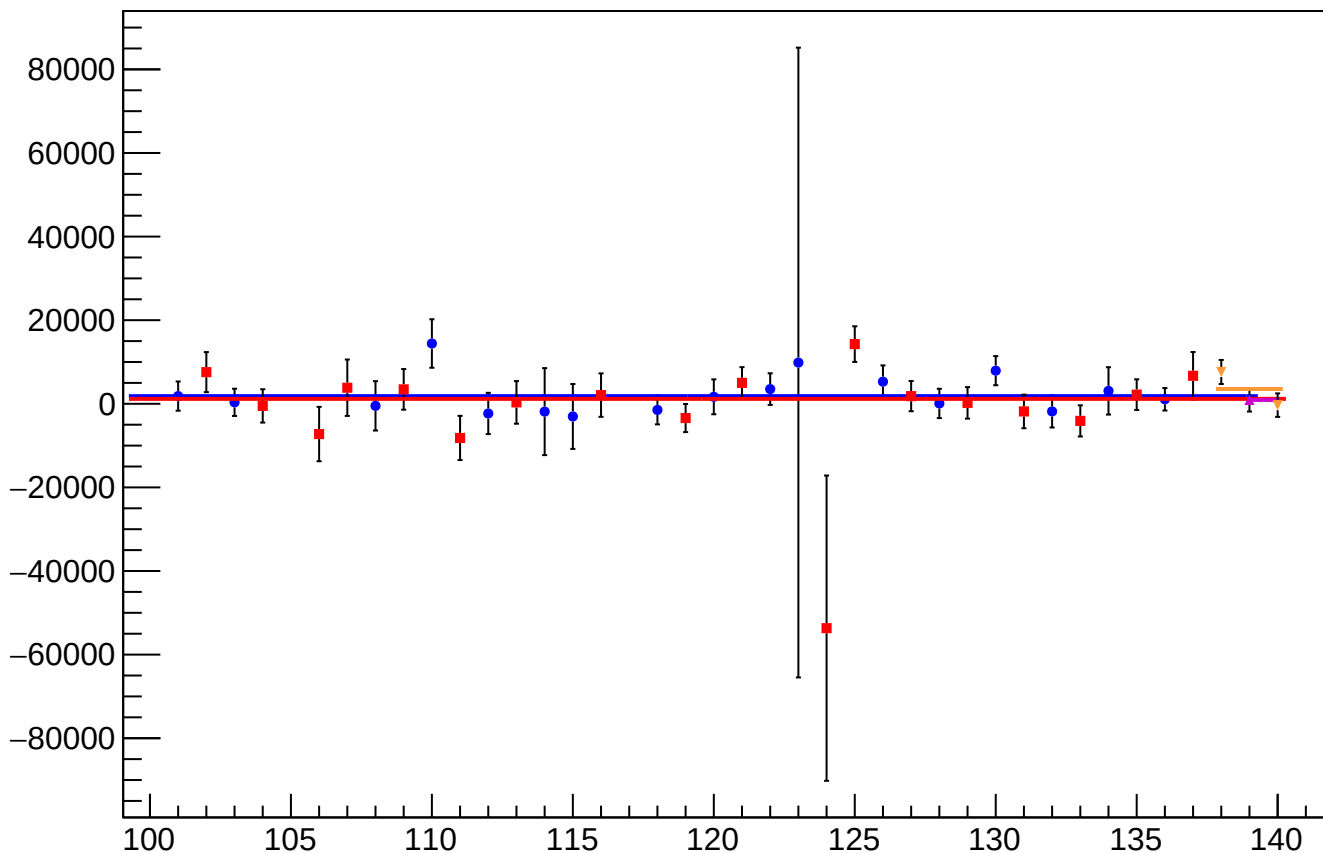
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1843.203+/-0.487 χ^2/NDF : 524423.3/17

Out: 1803.519+/-0.448 χ^2/NDF : 551262.1/19

All: 1821.701+/-0.330 χ^2/NDF : 1079285.9/37

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 3547.015+/-2012.838 χ^2/NDF : 3.9/1

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 925.155+/-2777.571 χ^2/NDF : 0.0/0

Left: 2644.233+/-1629.866 χ^2/NDF : 4.5/2

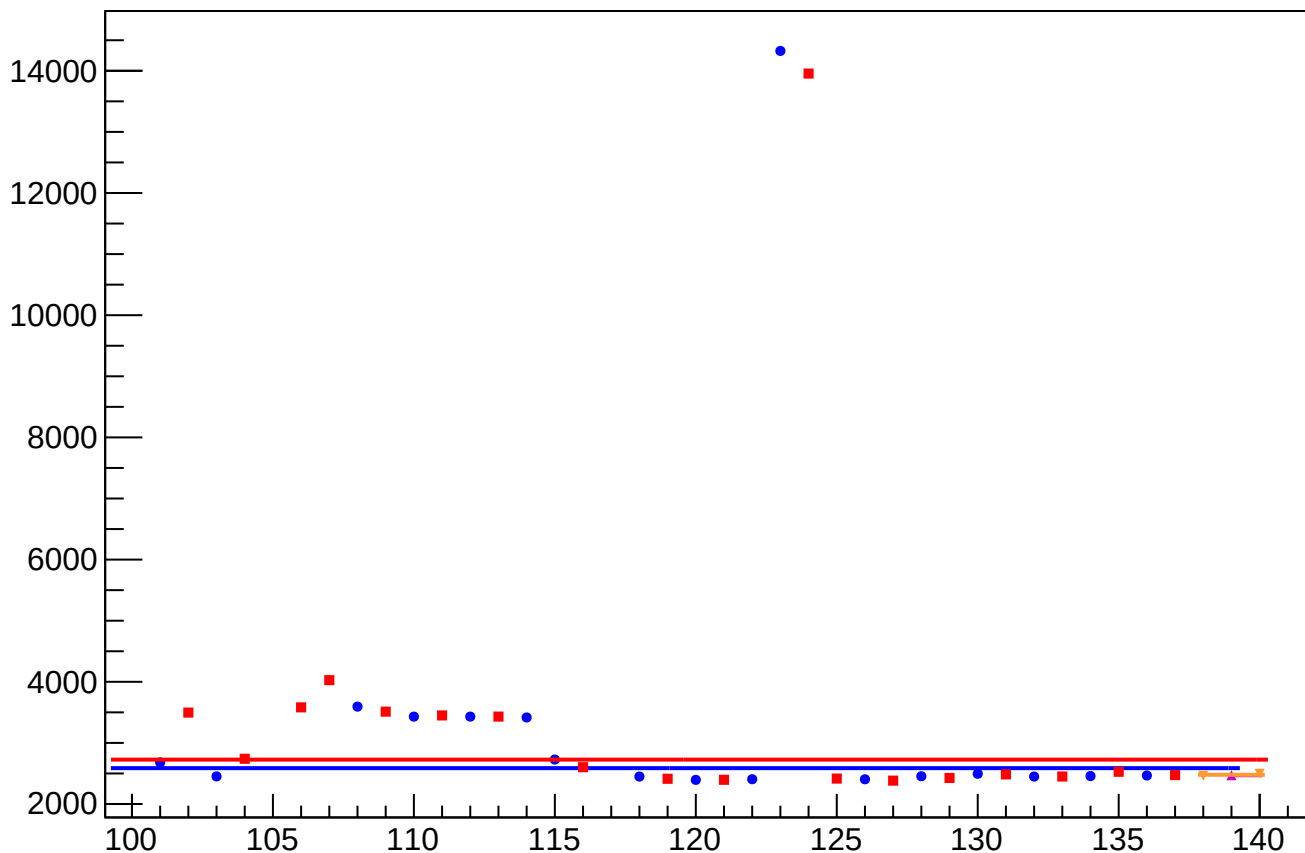
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1719.920+/-949.333 χ^2/NDF : 12.6/17

Out: 1688.477+/-930.895 χ^2/NDF : 30.4/19

All: 1703.890+/-664.665 χ^2/NDF : 43.1/37

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2478.449+/-1.423 χ^2/NDF :125.9/1

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2471.462+/-1.964 χ^2/NDF :0.0/0

Left: 2476.043+/-1.152 χ^2/NDF : 134.2/2

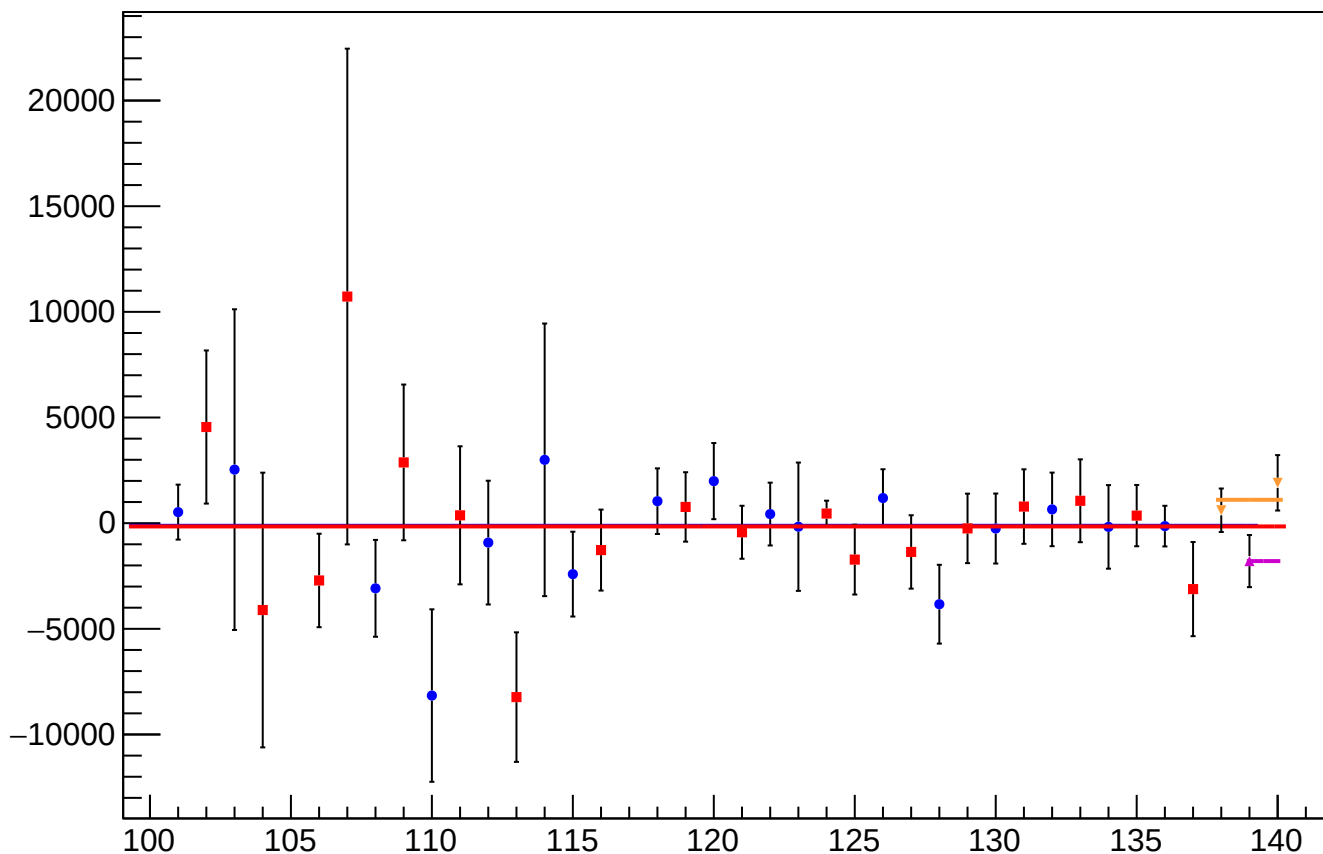
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2573.484+/-0.671 χ^2/NDF :257167.9/17

Out: 2673.411+/-0.658 χ^2/NDF :604844.8/19

All: 2624.427+/-0.470 χ^2/NDF : 873309.8/37

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 1105.974+/-809.486 χ^2/NDF : 0.6/1

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -1794.659+/-1232.767 χ^2/NDF : 0.0/0

Left: 232.086+/-676.647 χ^2/NDF : 4.5/2

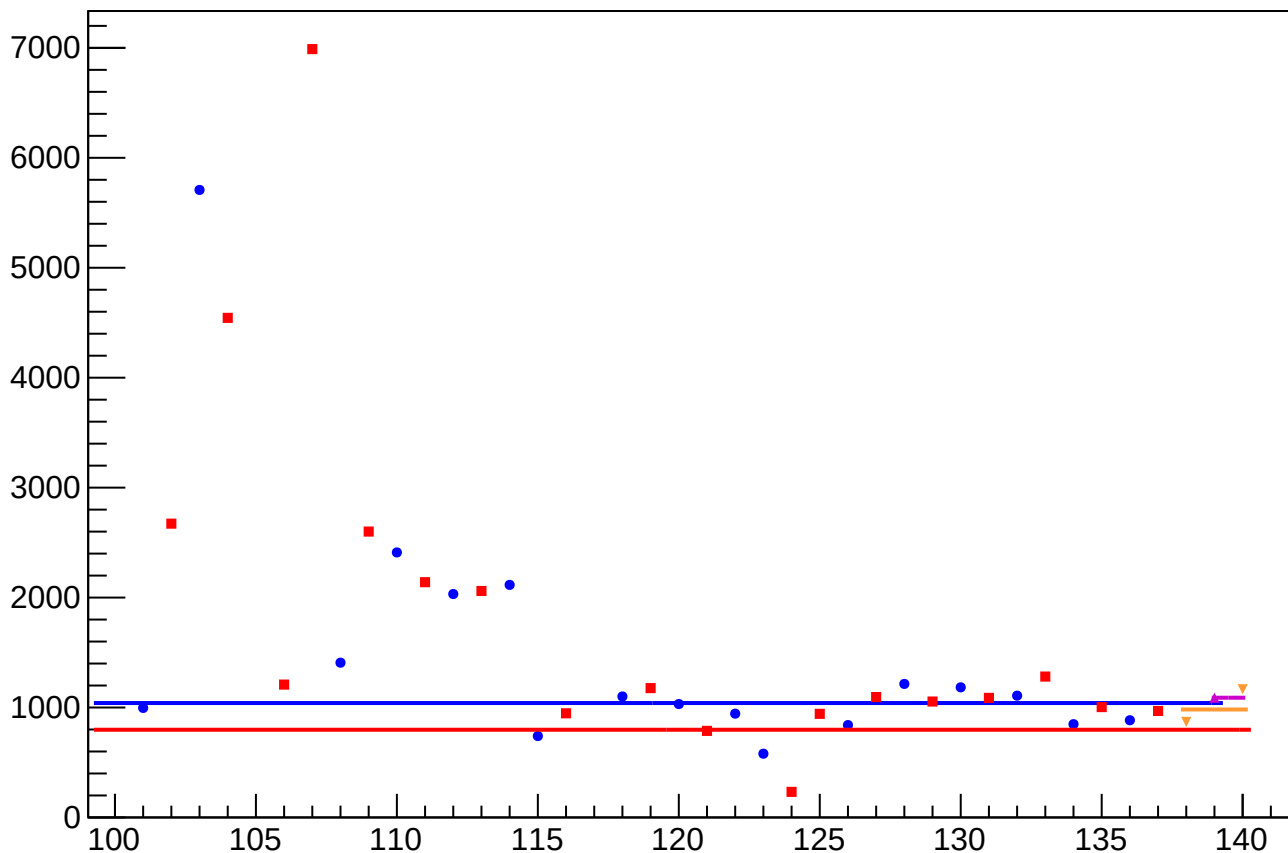
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -306.209+/-406.650 χ^2/NDF : 16.3/17

Out: 73.951+/-344.667 χ^2/NDF : 20.2/19

All: -84.978+/-262.930 χ^2/NDF : 37.0/37

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 $\pm$ 0.305 χ^2 /NDF: 1573034.8/16

Left Out: 982.003 $\pm$ 0.572 χ^2 /NDF:63511.6/1

Right Out: 797.732 $\pm$ 0.269 χ^2 /NDF: 5174332.0/17

Left In: 1089.192 $\pm$ 0.872 χ^2 /NDF:0.0/0

Left: 1014.296 $\pm$ 0.478 χ^2 /NDF: 74076.7/2

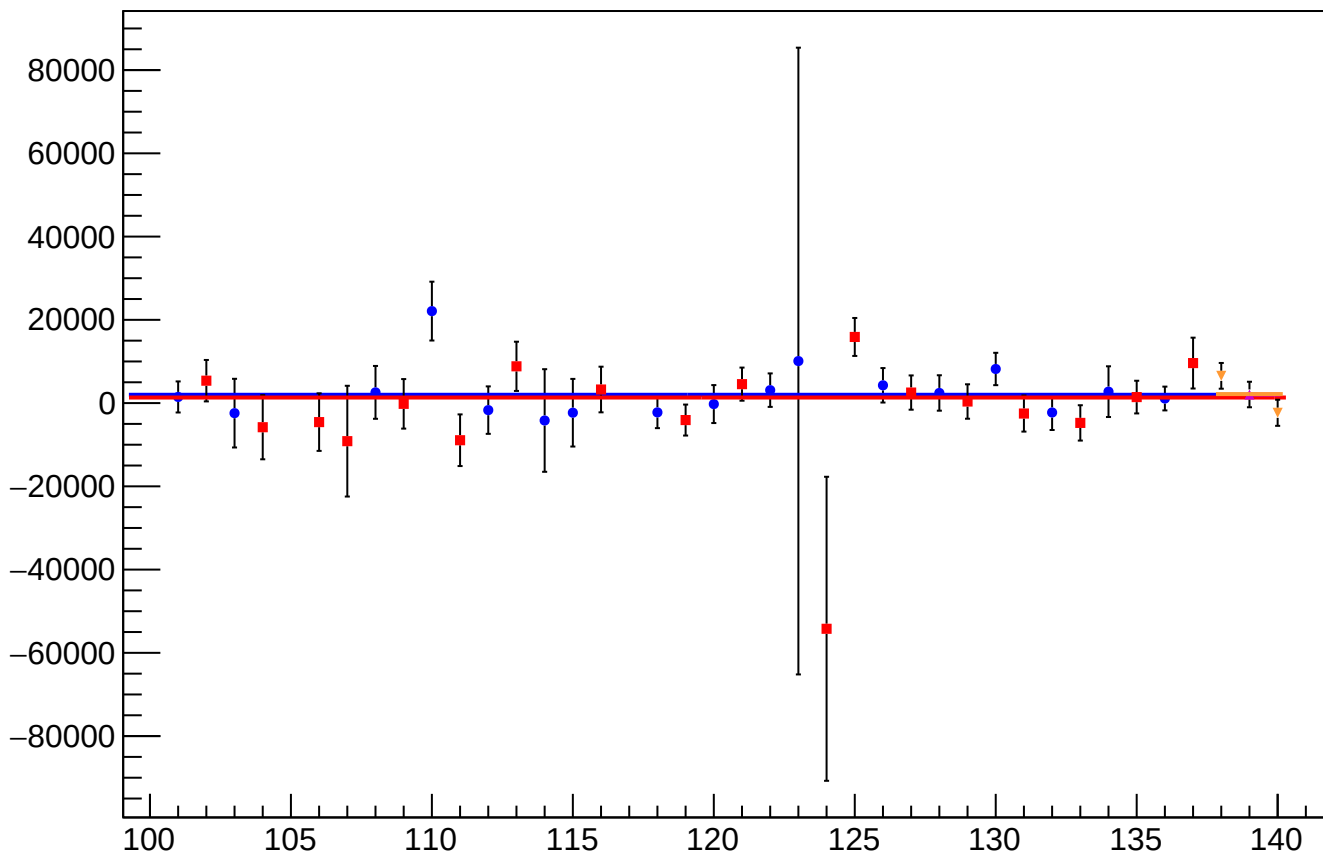
Right: 904.380 $\pm$ 0.202 χ^2 /NDF: 7104613.1/34

In: 1046.030 $\pm$ 0.288 χ^2 /NDF:1575785.8/17

Out: 831.139 $\pm$ 0.244 χ^2 /NDF:5322693.8/19

All: 920.976 $\pm$ 0.186 χ^2 /NDF: 7223496.3/37

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 2163.093+/-2201.416 χ^2/NDF : 4.1/1

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 2060.230+/-3065.548 χ^2/NDF : 0.0/0

Left: 2128.095+/-1788.121 χ^2/NDF : 4.1/2

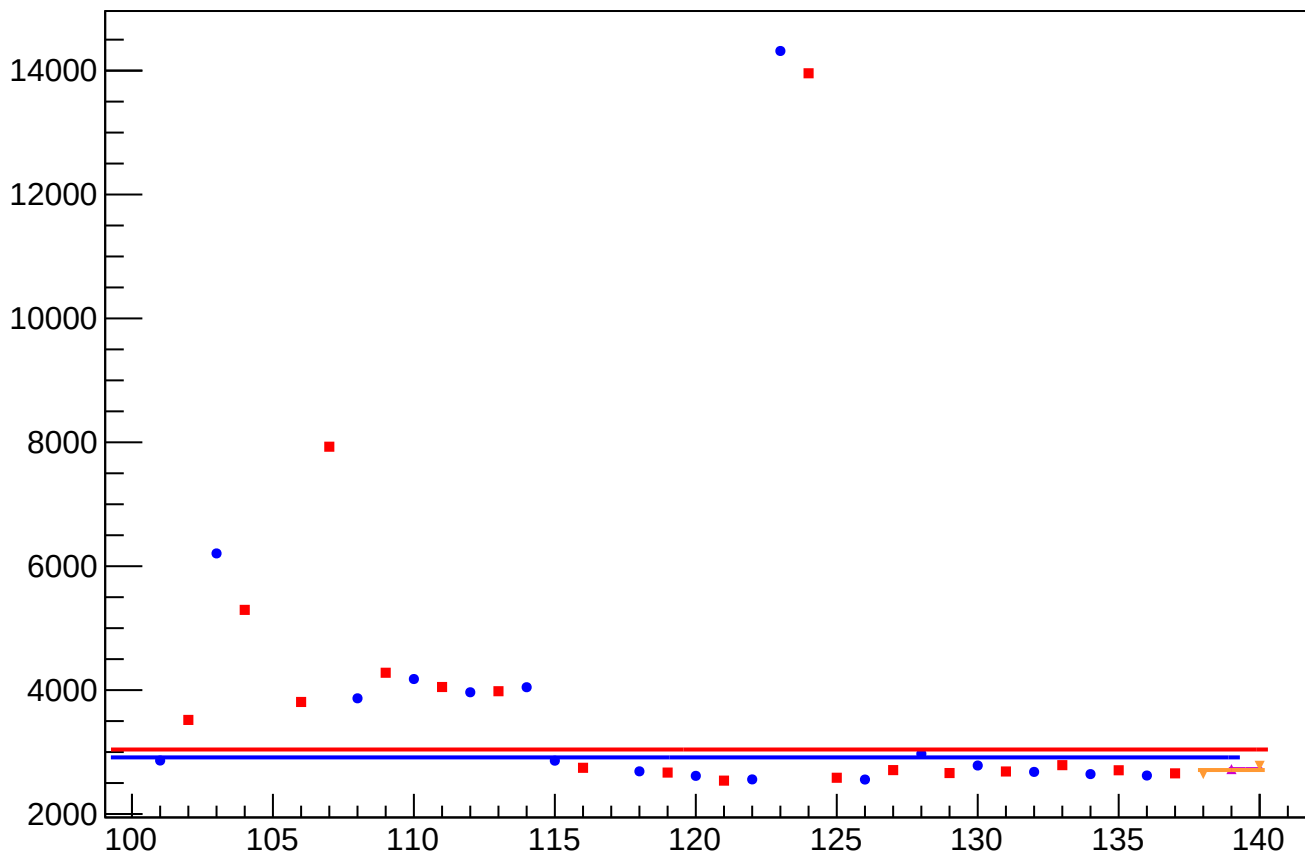
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 2004.215+/-1080.875 χ^2/NDF : 14.9/17

Out: 1524.422+/-1049.378 χ^2/NDF : 31.7/19

All: 1757.226+/-752.911 χ^2/NDF : 46.7/37

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2709.947+/-1.557 χ^2/NDF :1857.5/1

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2725.049+/-2.168 χ^2/NDF :0.0/0

Left: 2715.085+/-1.264 χ^2/NDF : 1889.5/2

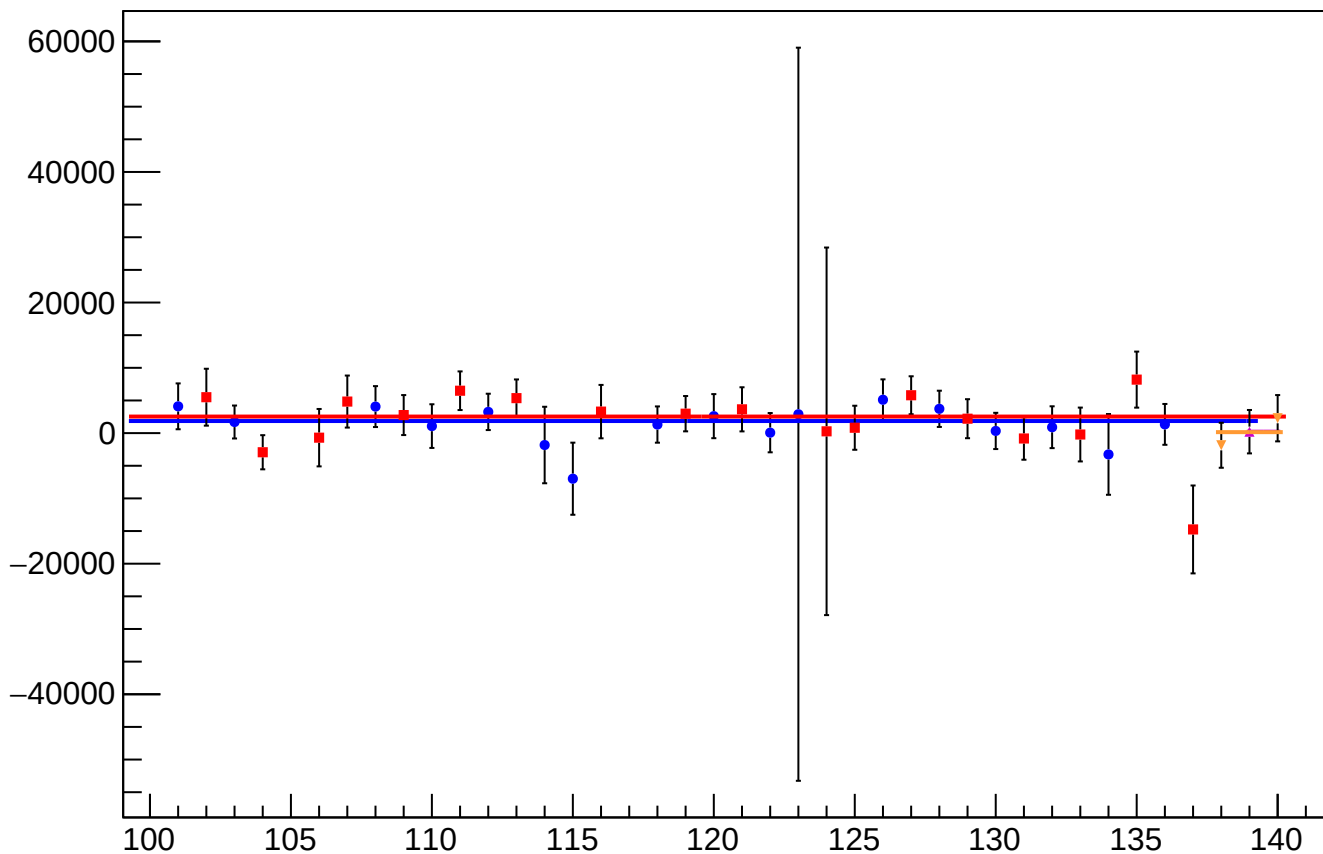
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2890.401+/-0.764 χ^2/NDF :645629.4/17

Out: 2965.952+/-0.742 χ^2/NDF :1040441.0/19

All: 2929.293+/-0.532 χ^2/NDF : 1691100.6/37

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 149.490+/-2470.843 χ^2/NDF : 0.7/1

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 218.452+/-3324.785 χ^2/NDF : 0.0/0

Left: 174.026+/-1983.168 χ^2/NDF : 0.7/2

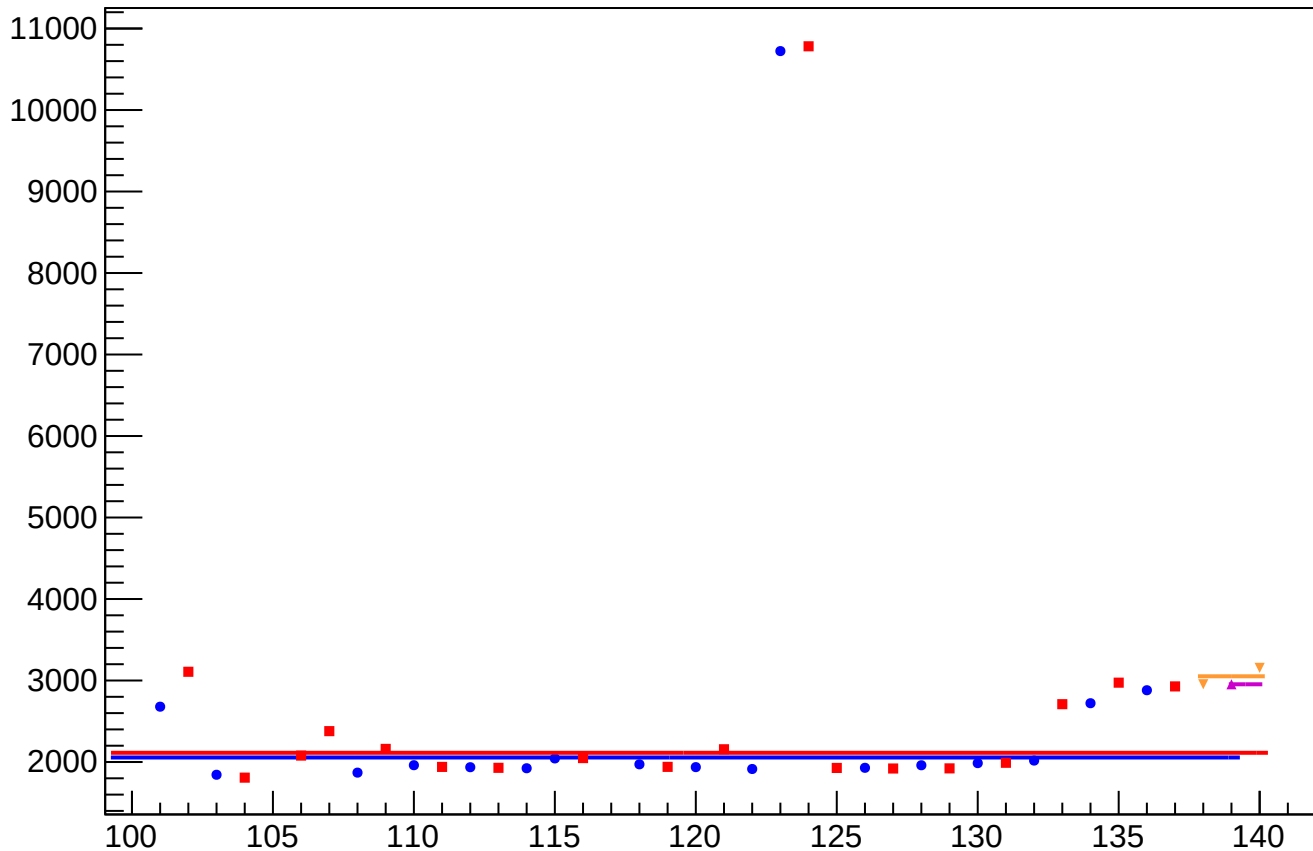
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 1759.366+/-784.009 χ^2/NDF : 7.5/17

Out: 2298.830+/-777.682 χ^2/NDF : 21.6/19

All: 2031.284+/-552.127 χ^2/NDF : 29.3/37

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3051.779+/-1.747 χ^2/NDF : 3315.1/1

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2953.597+/-2.351 χ^2/NDF : 0.0/0

Left: 3016.847+/-1.402 χ^2/NDF : 4438.6/2

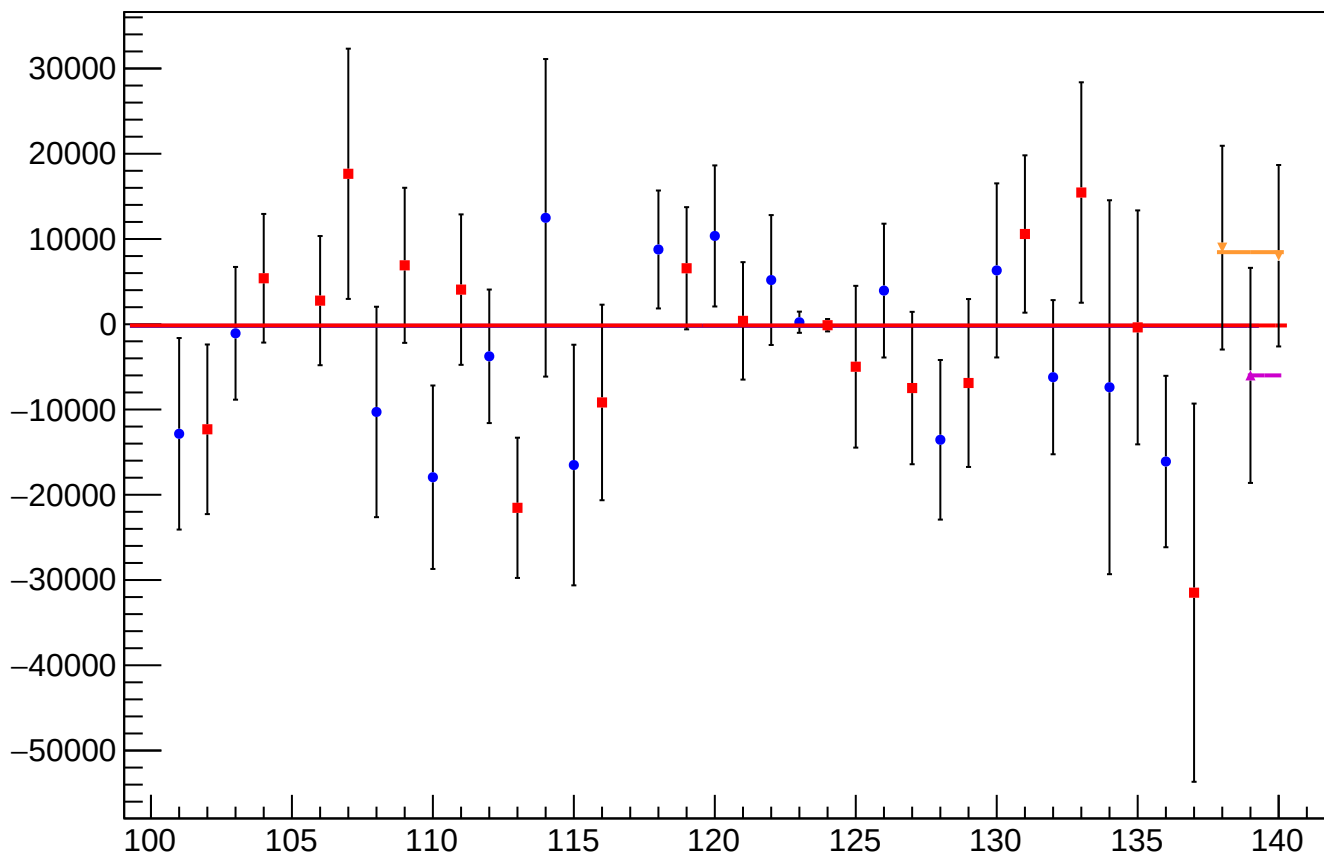
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2105.388+/-0.554 χ^2/NDF : 454217.0/17

Out: 2206.021+/-0.549 χ^2/NDF : 795342.2/19

All: 2156.181+/-0.390 χ^2/NDF : 1266190.4/37

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: 8456.841+/-7947.502 χ^2/NDF : 0.0/1

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: -5998.257+/-12614.378 χ^2/NDF : 0.0/0

Left: 4349.398+/-6724.207 χ^2/NDF : 0.9/2

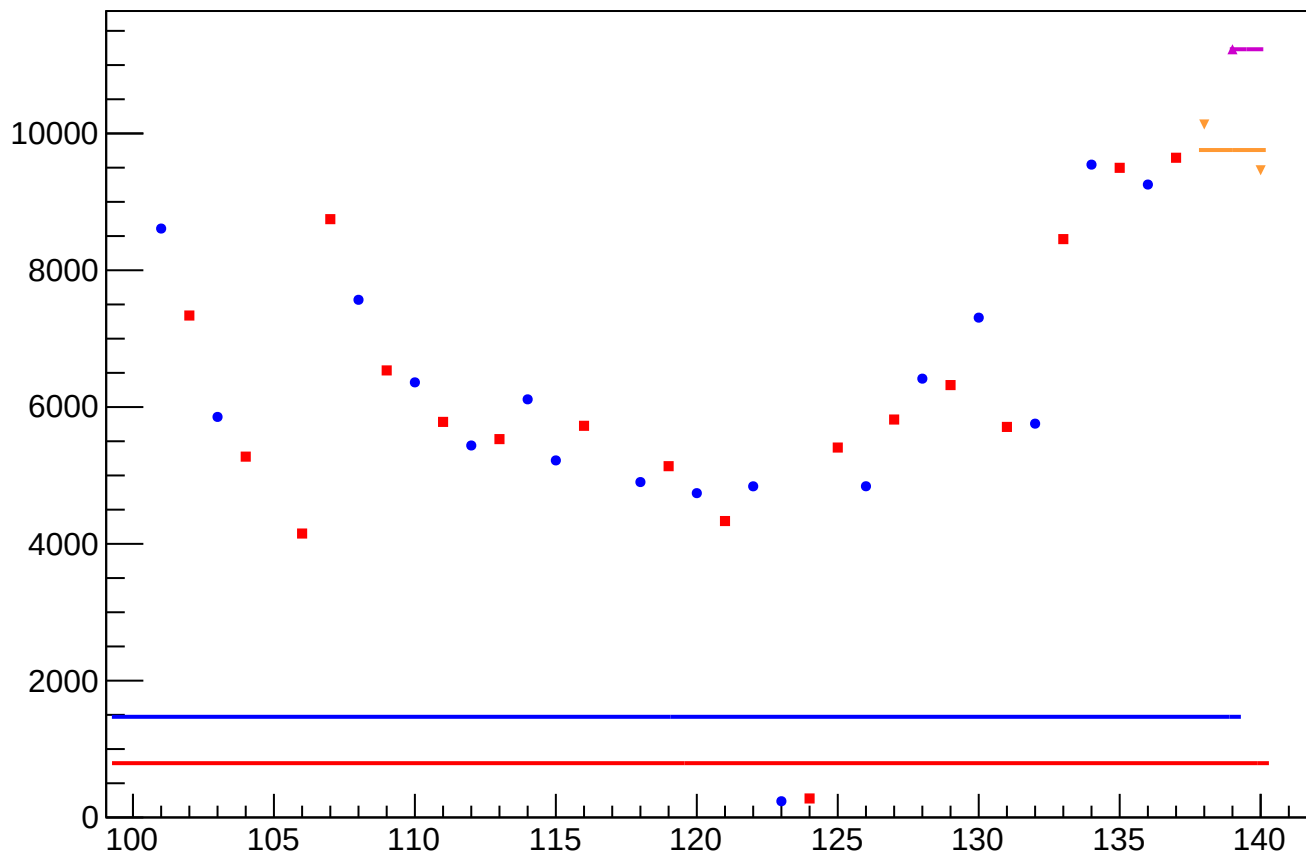
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -229.177+/-1096.612 χ^2/NDF : 16.6/17

Out: -77.423+/-688.382 χ^2/NDF : 20.1/19

All: -120.319+/-583.029 χ^2/NDF : 36.7/37

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 9757.820+/-5.620 χ^2/NDF : 3500.5/1

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 11231.129+/-8.920 χ^2/NDF : 0.0/0

Left: 10176.464+/-4.755 χ^2/NDF : 23030.7/2

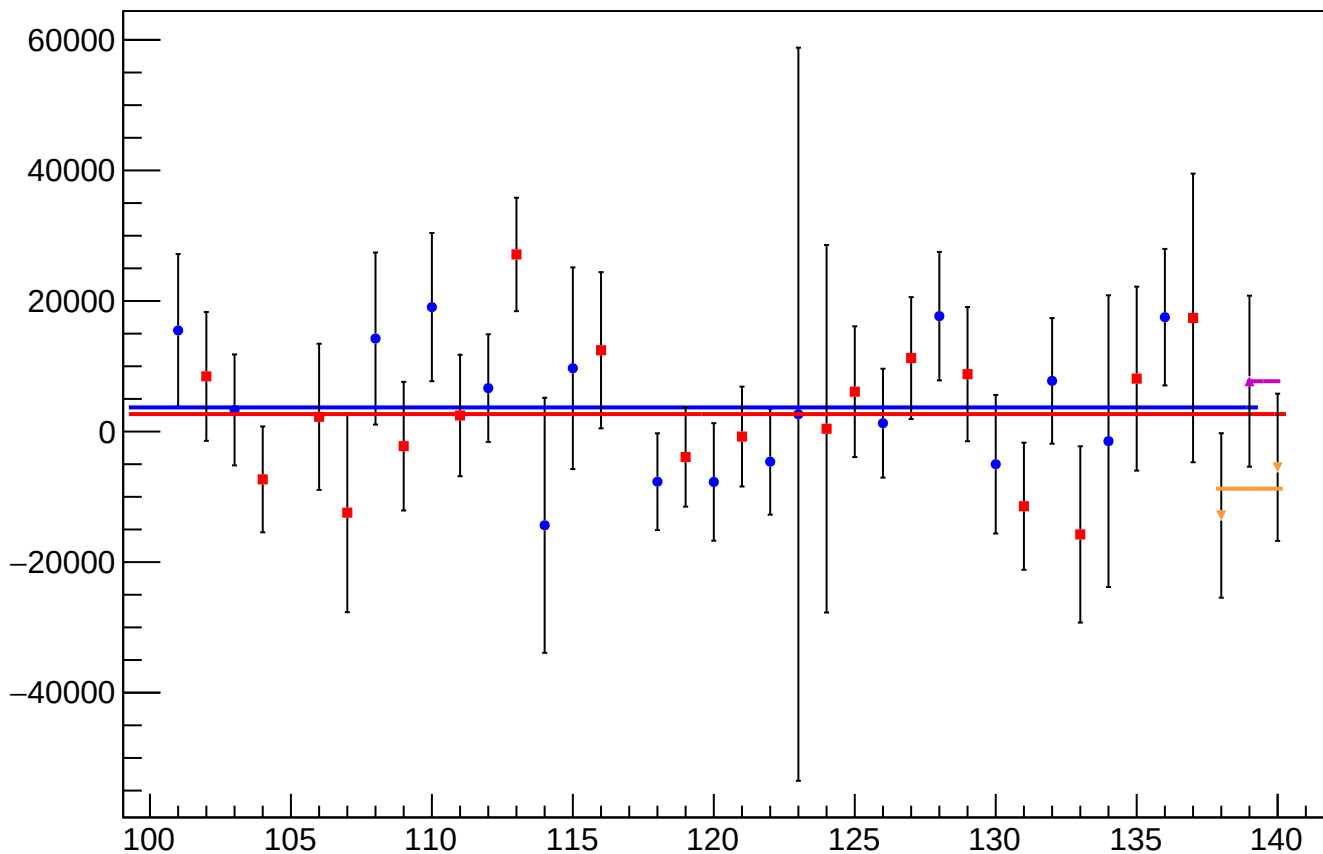
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 1545.366+/-0.775 χ^2/NDF : 10976376.2/17

Out: 860.912+/-0.487 χ^2/NDF : 13951411.4/19

All: 1054.384+/-0.412 χ^2/NDF : 25486686.7/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -8756.731+/-8402.540 χ^2/NDF : 0.2/1

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 7712.207+/-13098.791 χ^2/NDF : 0.0/0

Left: -3955.566+/-7072.480 χ^2/NDF : 1.3/2

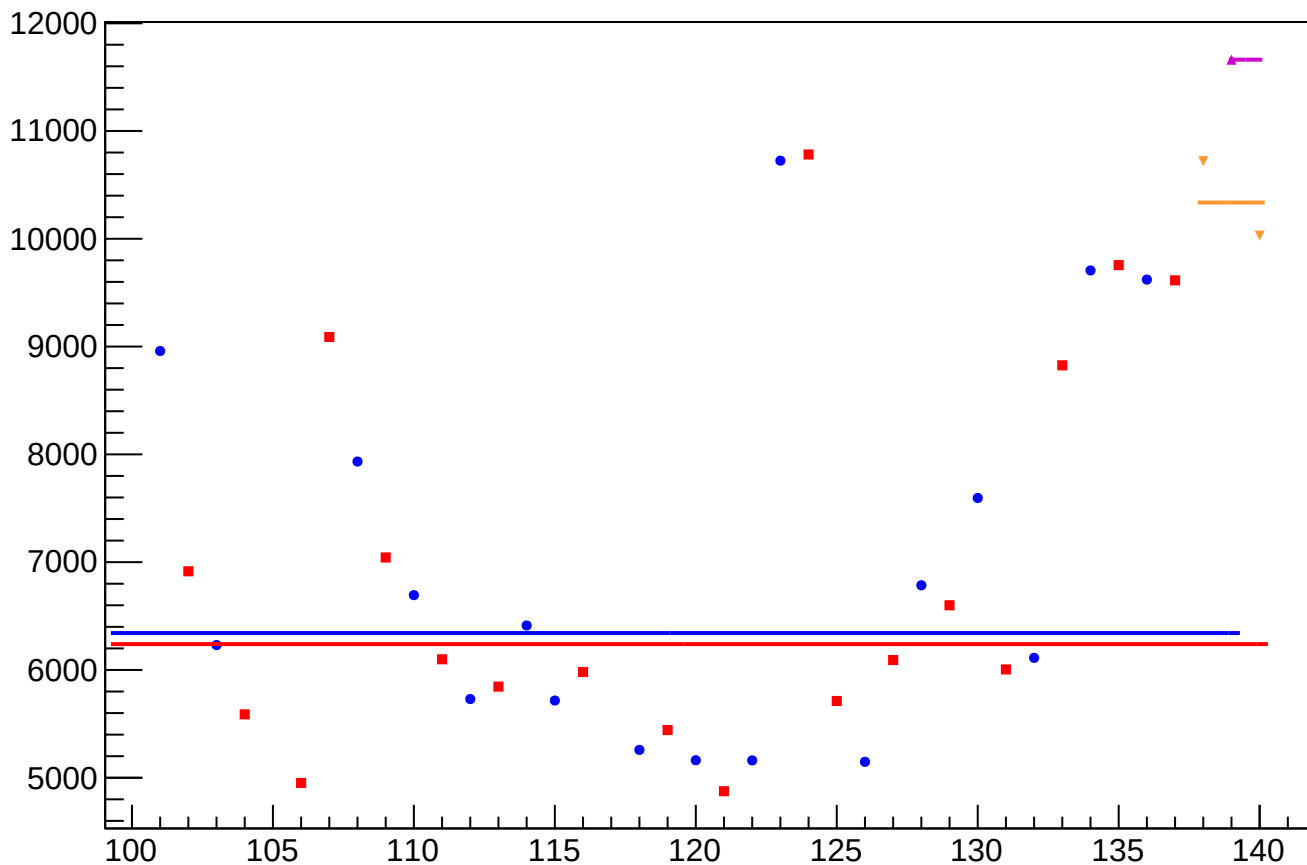
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3841.469+/-2472.679 χ^2/NDF : 14.5/17

Out: 1797.735+/-2333.144 χ^2/NDF : 20.4/19

All: 2760.313+/-1696.967 χ^2/NDF : 35.3/37

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10336.293+/-5.941 χ^2/NDF : 3335.4/1

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 11661.474+/-9.262 χ^2/NDF : 0.0/0

Left: 10722.621+/-5.001 χ^2/NDF : 17837.8/2

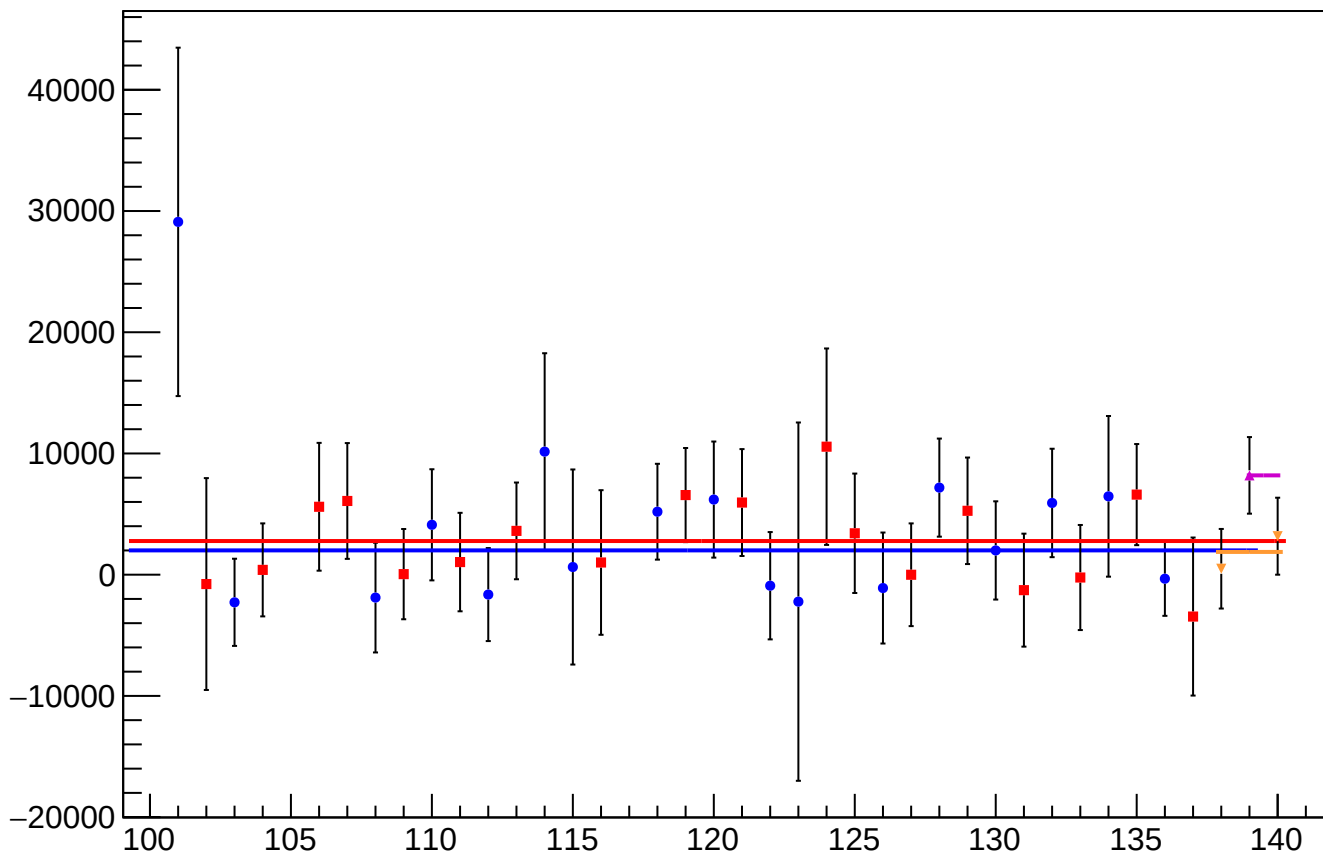
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 6531.871+/-1.748 χ^2/NDF : 911717.3/17

Out: 6555.550+/-1.650 χ^2/NDF : 971317.9/19

All: 6544.398+/-1.200 χ^2/NDF : 1883132.3/37

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 1877.253+/-2282.379 χ^2/NDF : 0.3/1

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 8192.647+/-3159.208 χ^2/NDF : 0.0/0

Left: 4043.074+/-1850.075 χ^2/NDF : 3.0/2

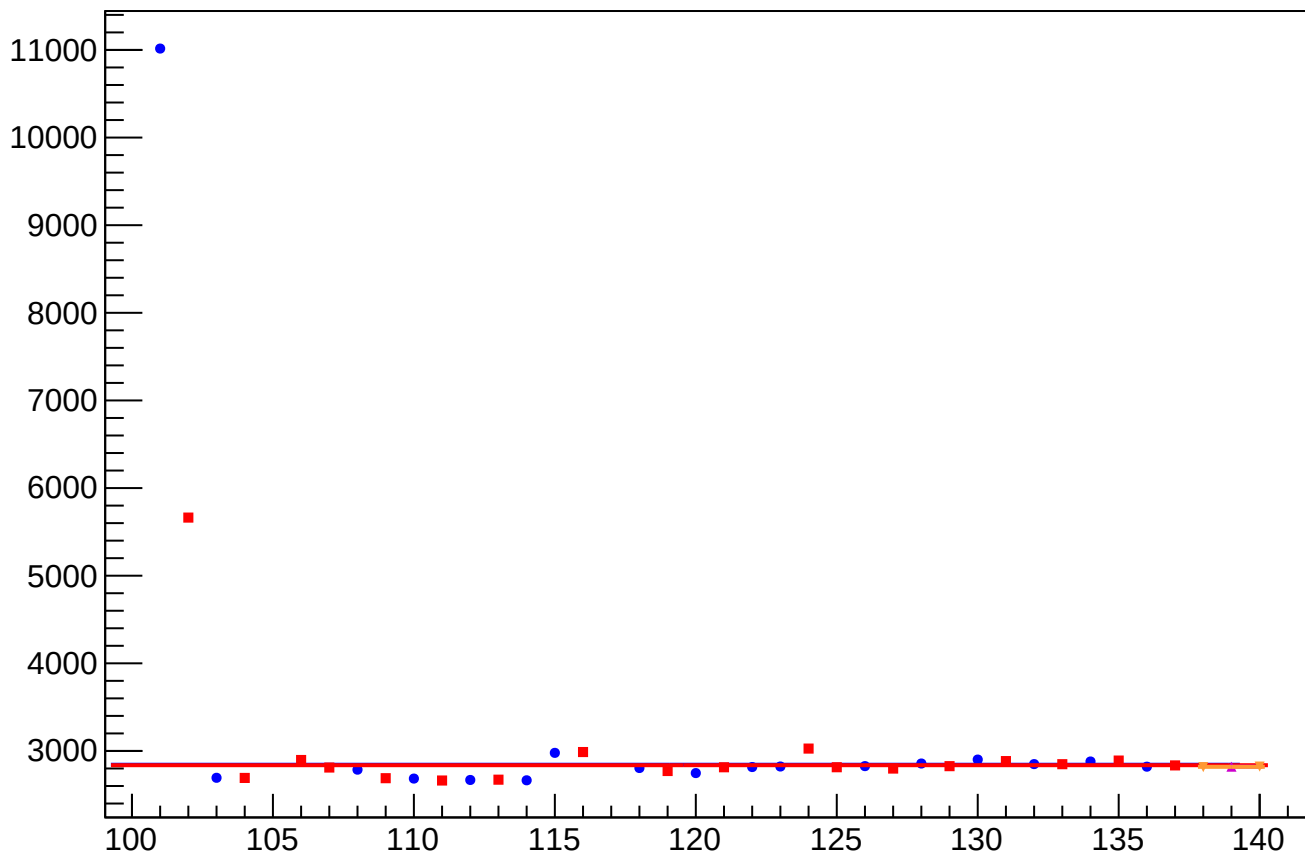
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2701.454+/-1060.170 χ^2/NDF : 17.1/17

Out: 2609.916+/-981.245 χ^2/NDF : 8.8/19

All: 2652.151+/-720.132 χ^2/NDF : 25.9/37

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2818.678+/-1.614 χ^2/NDF :3.6/1

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2820.744+/-2.234 χ^2/NDF :0.0/0

Left: 2819.387+/-1.308 χ^2/NDF : 4.2/2

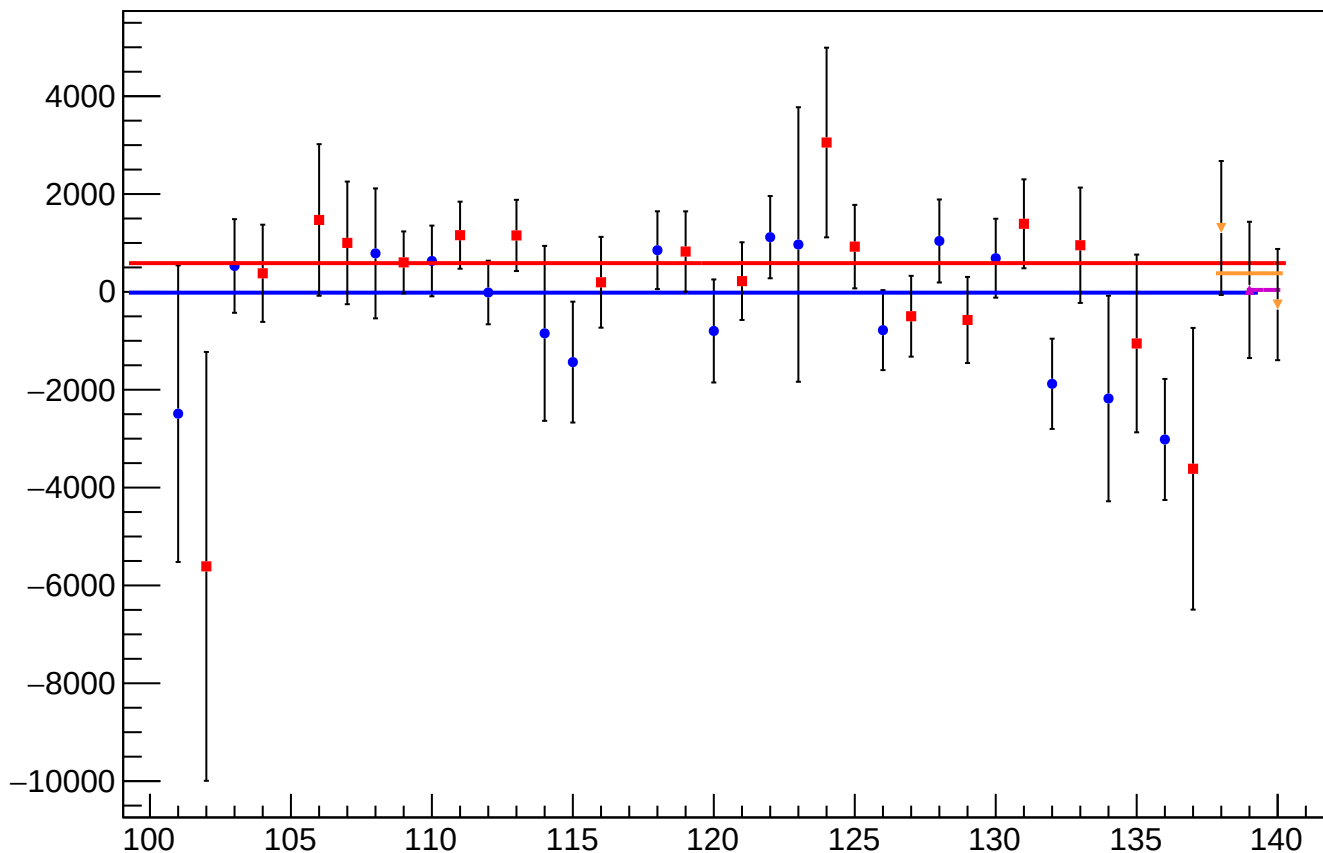
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2840.164+/-0.750 χ^2/NDF :660390.2/17

Out: 2833.971+/-0.694 χ^2/NDF :226535.7/19

All: 2836.829+/-0.509 χ^2/NDF : 886962.7/37

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: 380.089 ± 874.409 χ^2/NDF : 0.8/1

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 40.307 ± 1392.673 χ^2/NDF : 0.0/0

Left: 284.016 ± 740.543 χ^2/NDF : 0.8/2

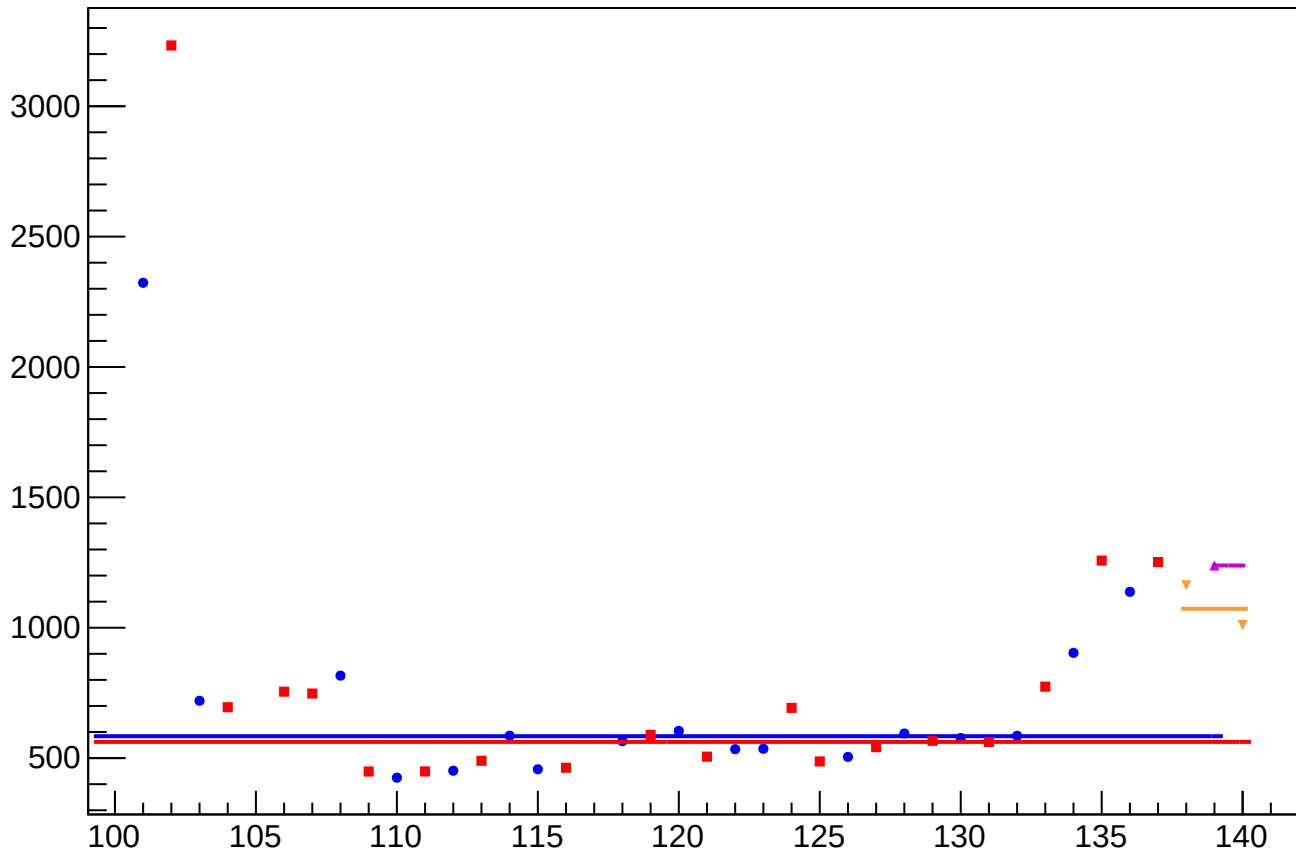
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: -14.032 ± 235.425 χ^2/NDF : 21.6/17

Out: 574.634 ± 218.638 χ^2/NDF : 14.2/19

All: 302.034 ± 160.207 χ^2/NDF : 39.1/37

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 $\pm$ 0.169 χ^2 /NDF: 1436613.4/16

Left Out: 1072.697 $\pm$ 0.618 χ^2 /NDF:14647.4/1

Right Out: 562.122 $\pm$ 0.160 χ^2 /NDF: 1525298.9/17

Left In: 1238.594 $\pm$ 0.985 χ^2 /NDF:0.0/0

Left: 1119.604 $\pm$ 0.524 χ^2 /NDF: 35002.9/2

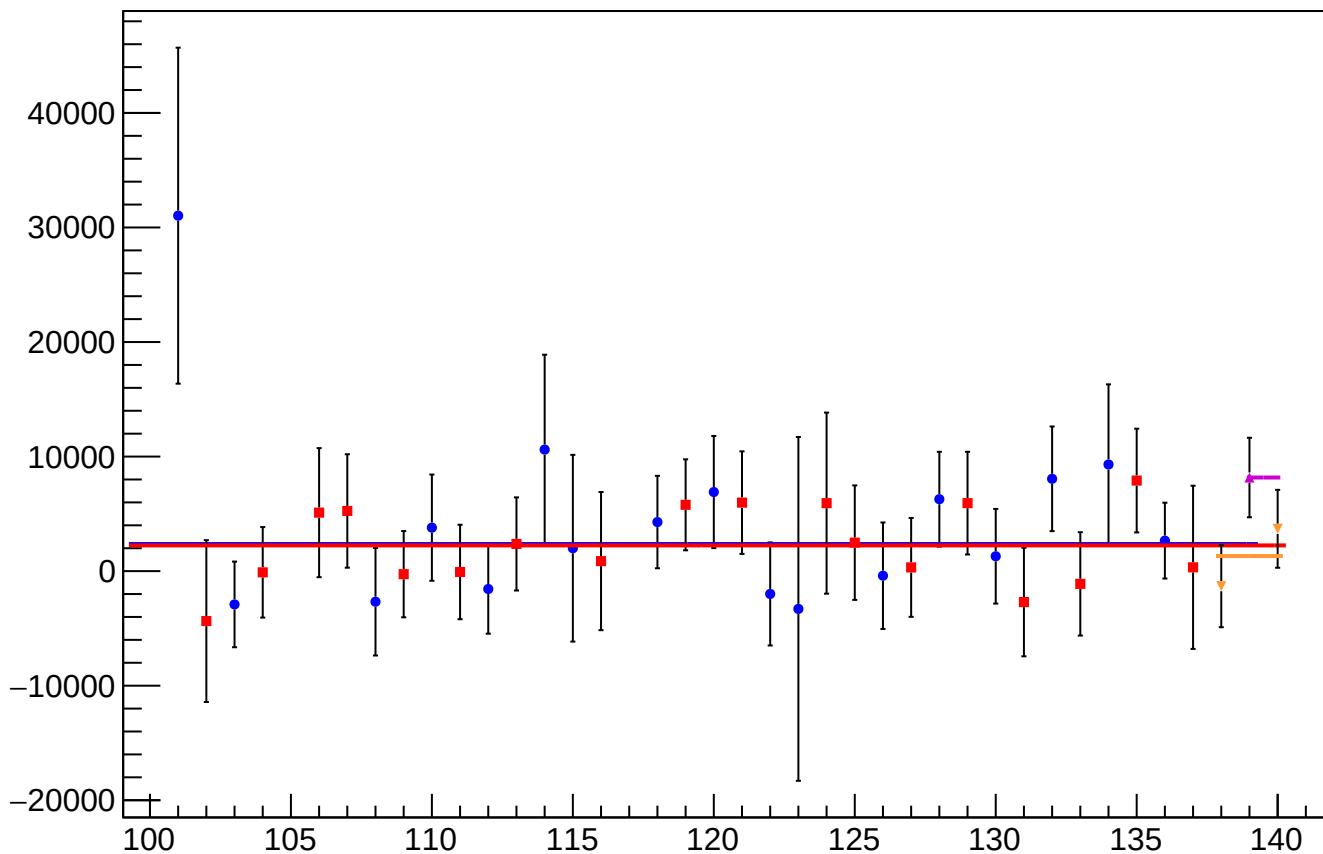
Right: 572.473 $\pm$ 0.116 χ^2 /NDF: 2970817.1/34

In: 602.759 $\pm$ 0.166 χ^2 /NDF:1865765.9/17

Out: 594.043 $\pm$ 0.155 χ^2 /NDF:2179212.8/19

All: 598.080 $\pm$ 0.113 χ^2 /NDF: 4046450.6/37

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1316.335 $\pm$ 2465.160 χ^2 /NDF:1.0/1

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 8172.257 $\pm$ 3470.834 χ^2 /NDF:0.0/0

Left: 3615.178 $\pm$ 2009.812 χ^2 /NDF: 3.6/2

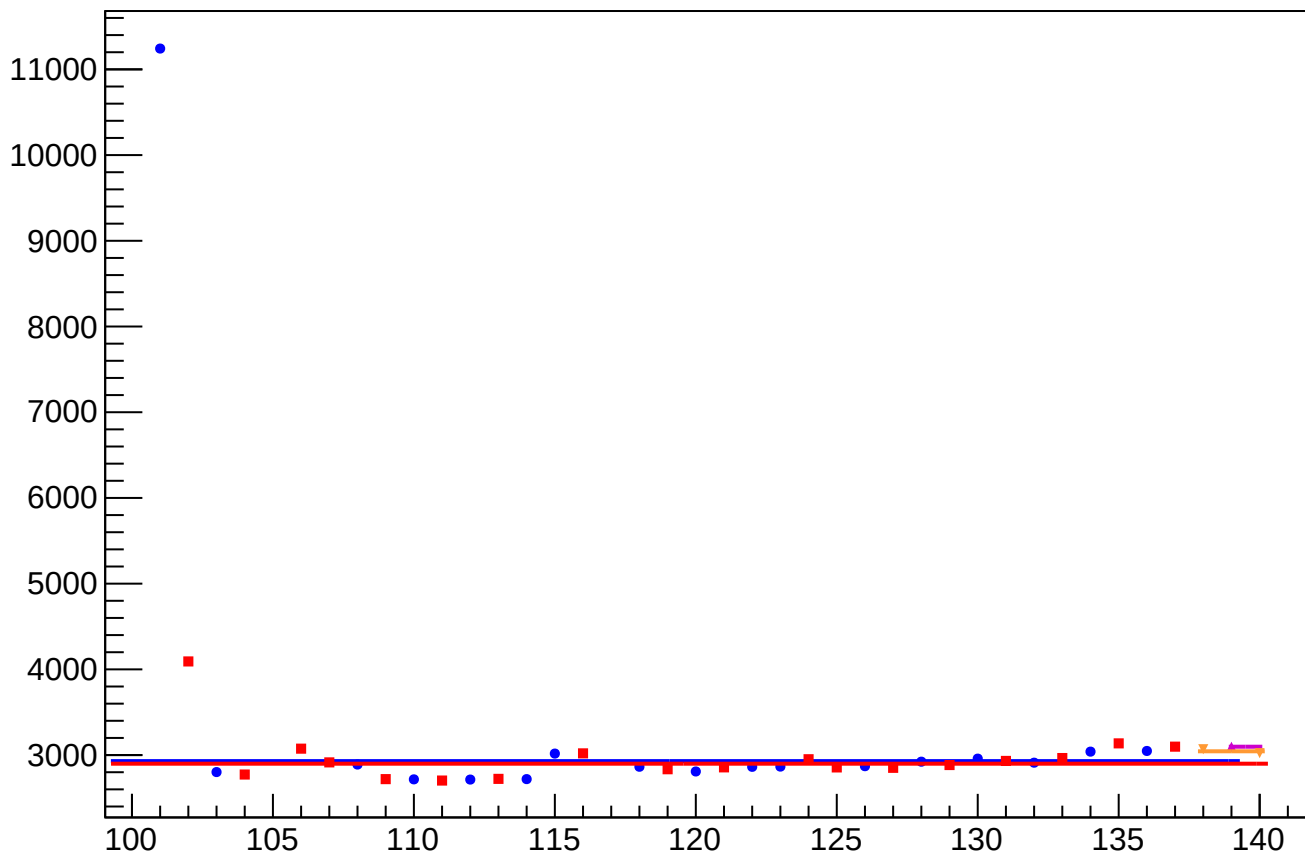
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2946.456 $\pm$ 1100.133 χ^2 /NDF:17.6/17

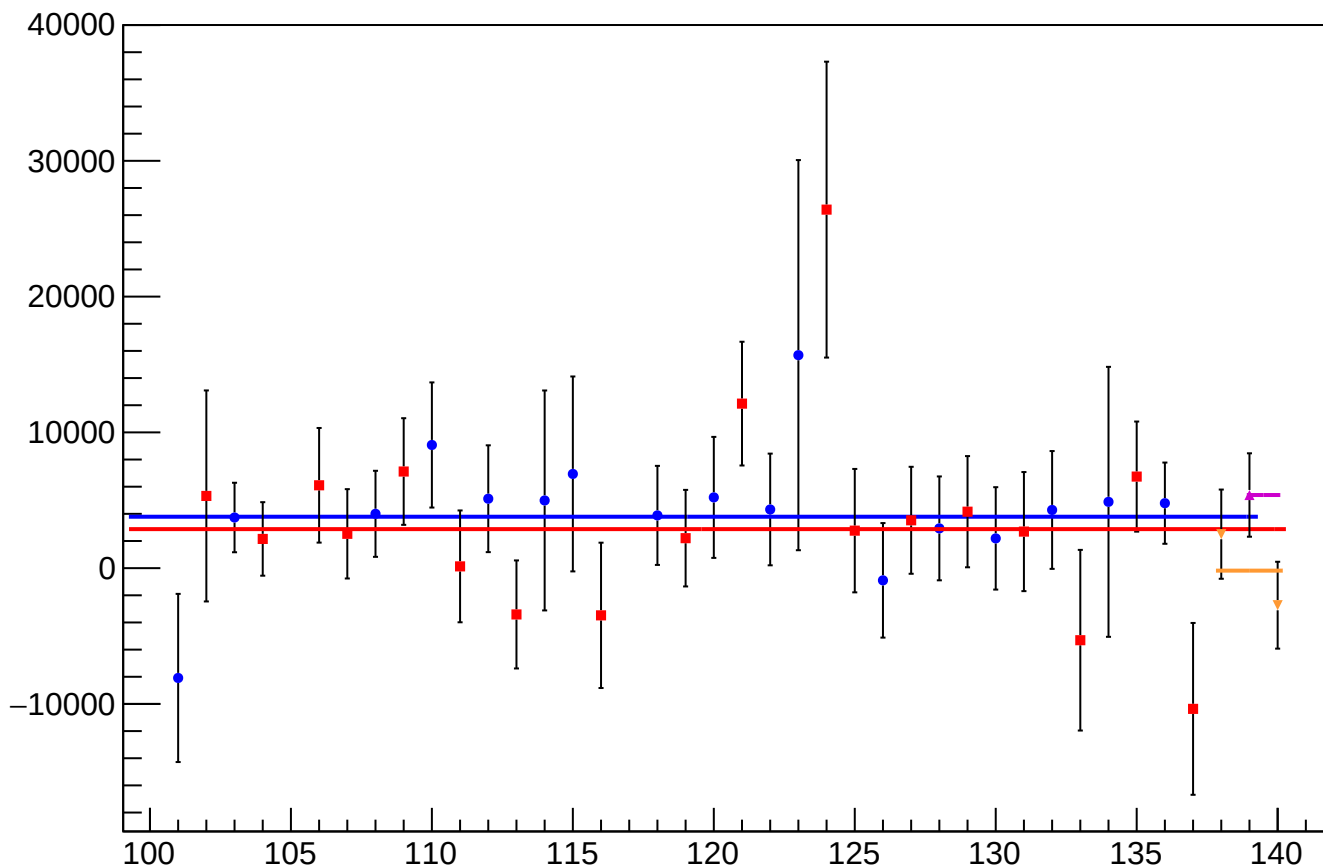
Out: 2088.342 $\pm$ 1013.595 χ^2 /NDF:9.7/19

All: 2482.326 $\pm$ 745.439 χ^2 /NDF: 27.6/37

asym_atr1_rms vs Slug, Sign Corrected



dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: -182.416+/-2292.212 χ^2/NDF : 1.3/1

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 5387.029+/-3071.952 χ^2/NDF : 0.0/0

Left: 1809.479+/-1837.137 χ^2/NDF : 3.4/2

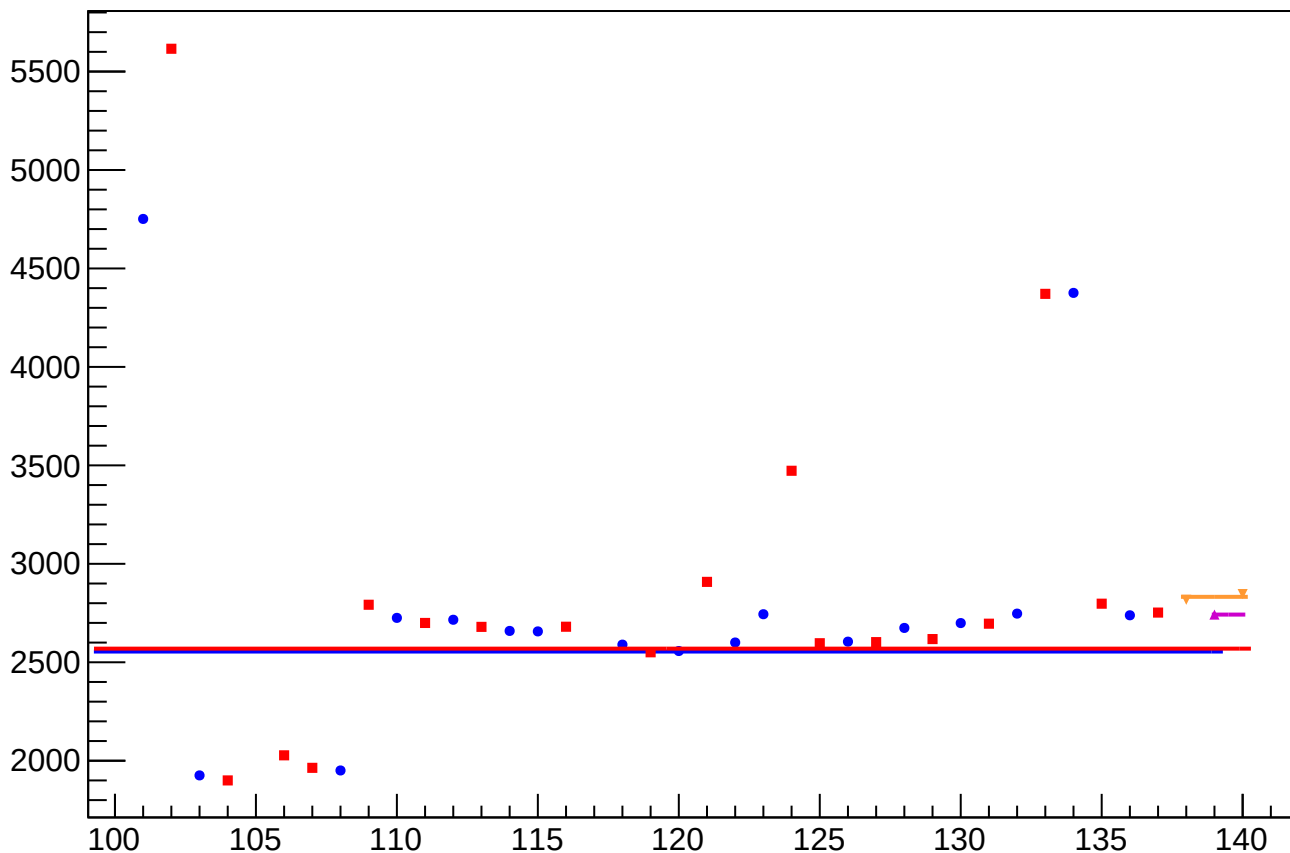
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3943.320+/-957.860 χ^2/NDF : 8.0/17

Out: 2382.534+/-919.711 χ^2/NDF : 24.8/19

All: 3131.228+/-663.410 χ^2/NDF : 34.2/37

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2832.326 $\pm$ 1.621 χ^2 /NDF:80.4/1

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2742.198 $\pm$ 2.172 χ^2 /NDF:0.0/0

Left: 2800.092 $\pm$ 1.299 χ^2 /NDF: 1186.2/2

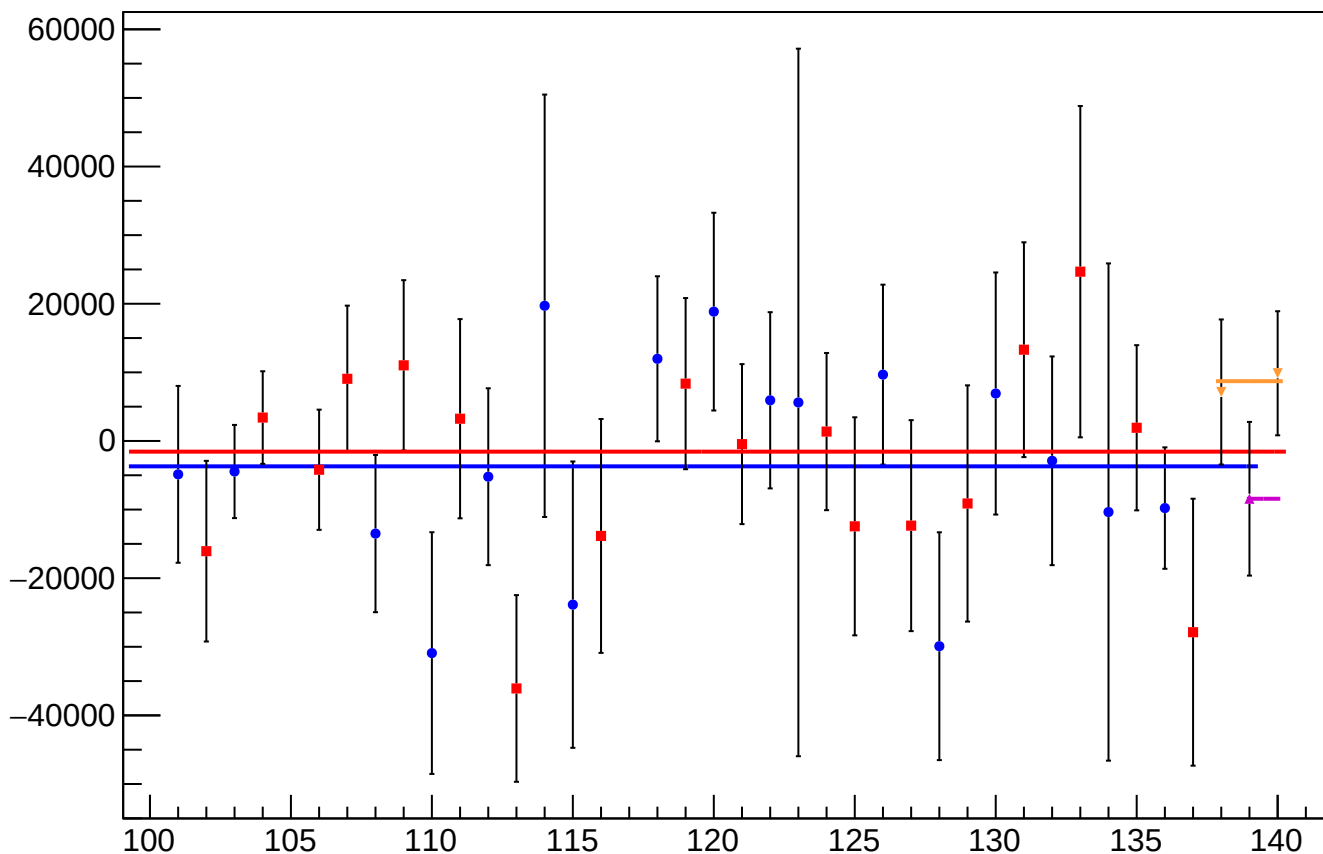
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2572.782 $\pm$ 0.677 χ^2 /NDF:543364.0/17

Out: 2611.578 $\pm$ 0.650 χ^2 /NDF:745517.3/19

All: 2592.975 $\pm$ 0.469 χ^2 /NDF: 1290589.0/37

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 8714.371+/-6871.700 χ^2/NDF : 0.0/1

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: -8423.882+/-11199.969 χ^2/NDF : 0.0/0

Left: 4027.271+/-5857.141 χ^2/NDF : 1.7/2

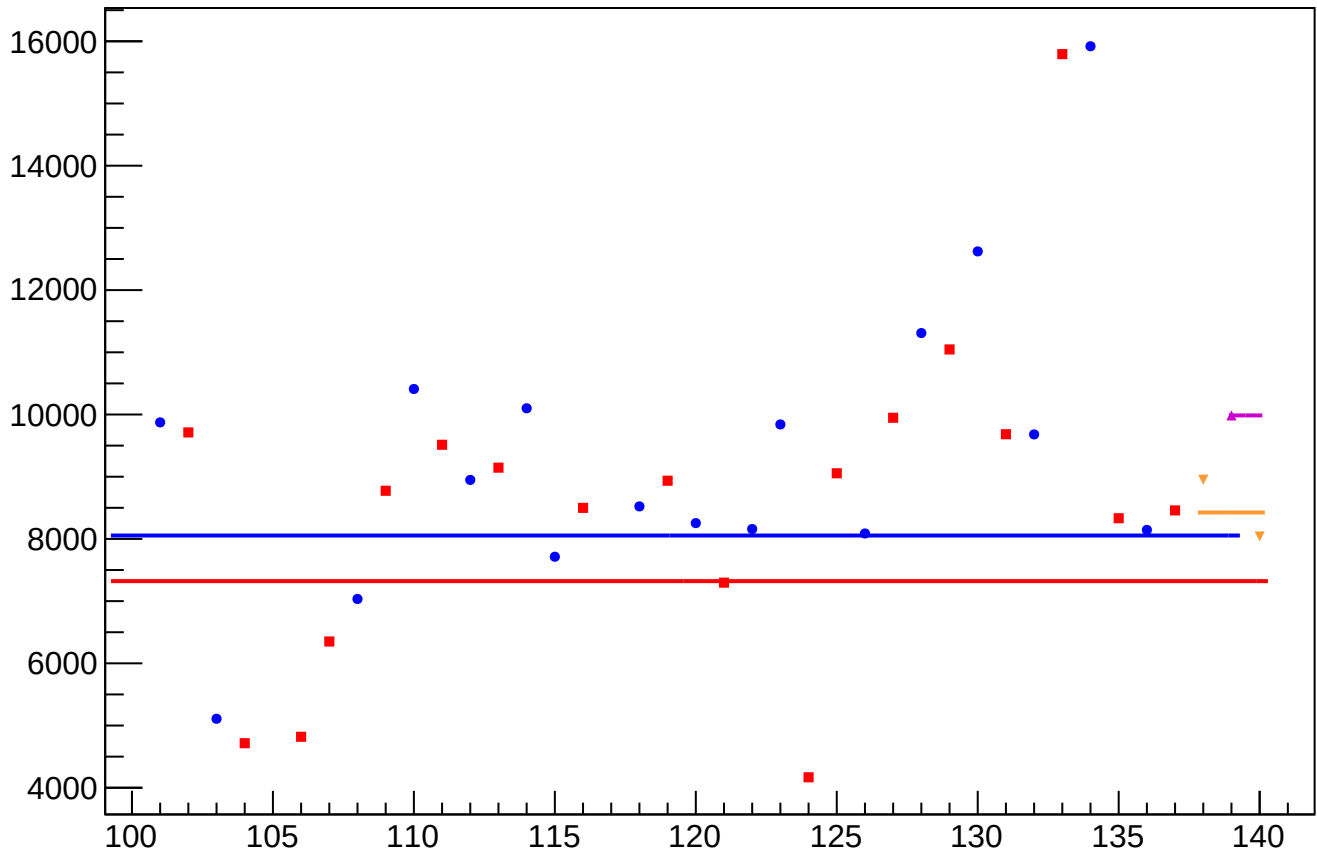
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -4059.763+/-3092.728 χ^2/NDF : 14.0/17

Out: 7.595+/-2681.012 χ^2/NDF : 18.7/19

All: -1737.514+/-2025.801 χ^2/NDF : 33.7/37

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8424.908+/-4.859 χ^2/NDF : 8603.6/1

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9985.454+/-7.920 χ^2/NDF : 0.0/0

Left: 8851.698+/-4.142 χ^2/NDF : 36812.9/2

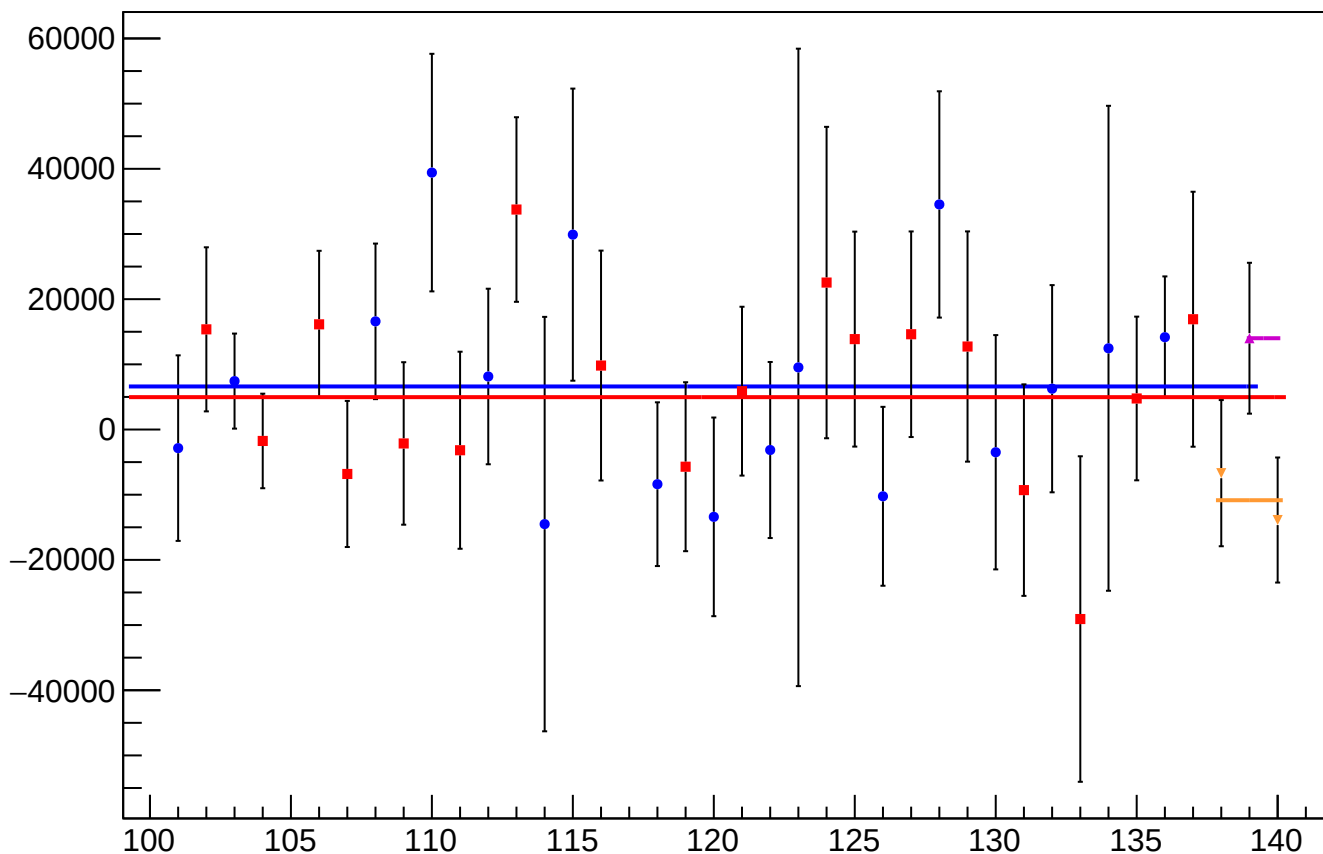
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8201.990+/-2.187 χ^2/NDF : 875663.2/17

Out: 7489.398+/-1.896 χ^2/NDF : 1388283.4/19

All: 7795.138+/-1.432 χ^2/NDF : 2324567.9/37

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -10846.177+/-7289.992 χ^2/NDF : 0.2/1

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 14008.264+/-11573.855 χ^2/NDF : 0.0/0

Left: -3786.437+/-6168.370 χ^2/NDF : 3.5/2

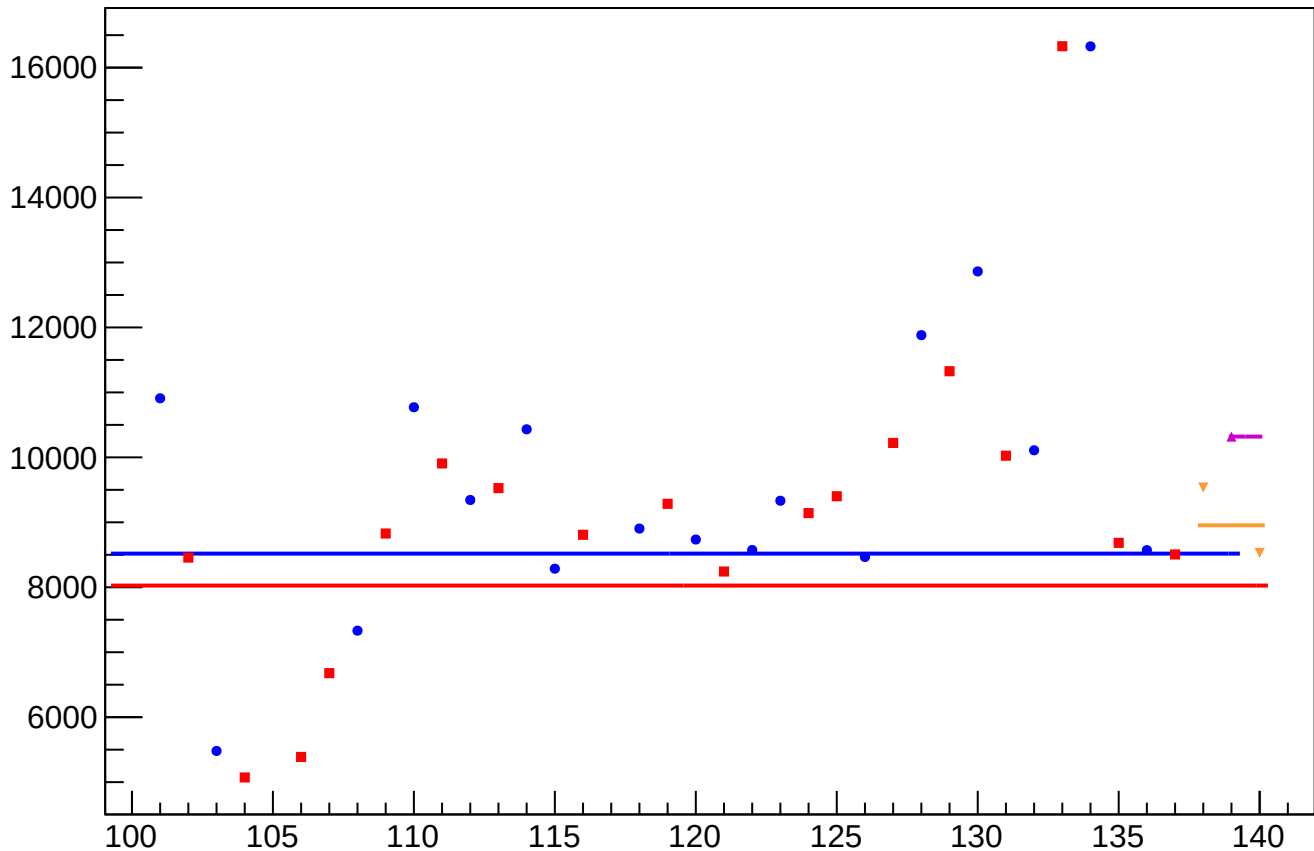
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 7193.965+/-3258.502 χ^2/NDF : 15.1/17

Out: 2443.905+/-2912.340 χ^2/NDF : 17.7/19

All: 4553.309+/-2171.443 χ^2/NDF : 34.0/37

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8954.171+/-5.155 χ^2/NDF : 9303.3/1

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 10320.026+/-8.184 χ^2/NDF : 0.0/0

Left: 9342.133+/-4.362 χ^2/NDF : 29245.4/2

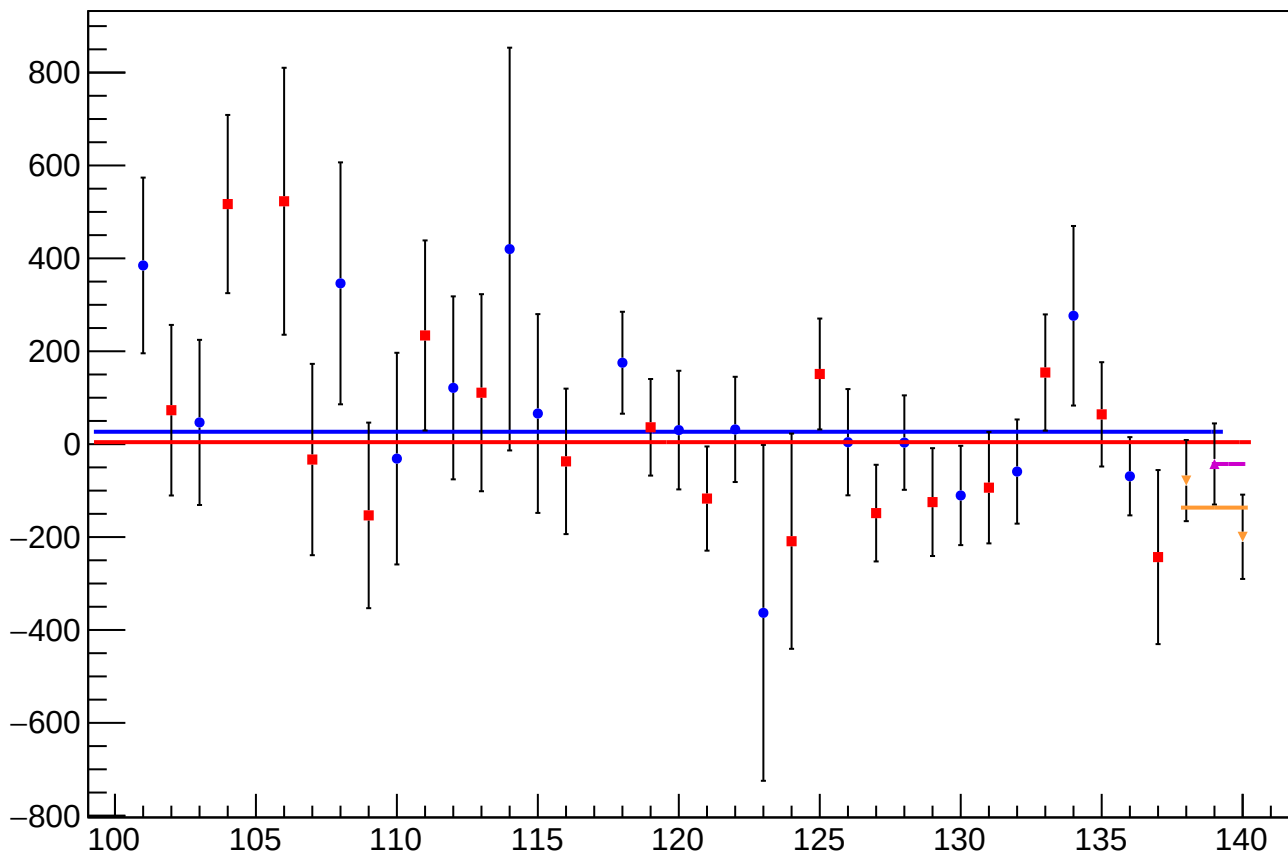
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8661.088+/-2.304 χ^2/NDF : 816622.2/17

Out: 8174.164+/-2.059 χ^2/NDF : 979205.8/19

All: 8390.390+/-1.535 χ^2/NDF : 1820656.0/37

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713+/-33.626 χ^2/NDF : 14.5/16

Left Out: -136.593+/-62.941 χ^2/NDF : 0.9/1

Right Out: 4.338+/-33.842 χ^2/NDF : 23.9/17

Left In: -42.672+/-87.366 χ^2/NDF : 0.0/0

Left: -104.502+/-51.068 χ^2/NDF : 1.7/2

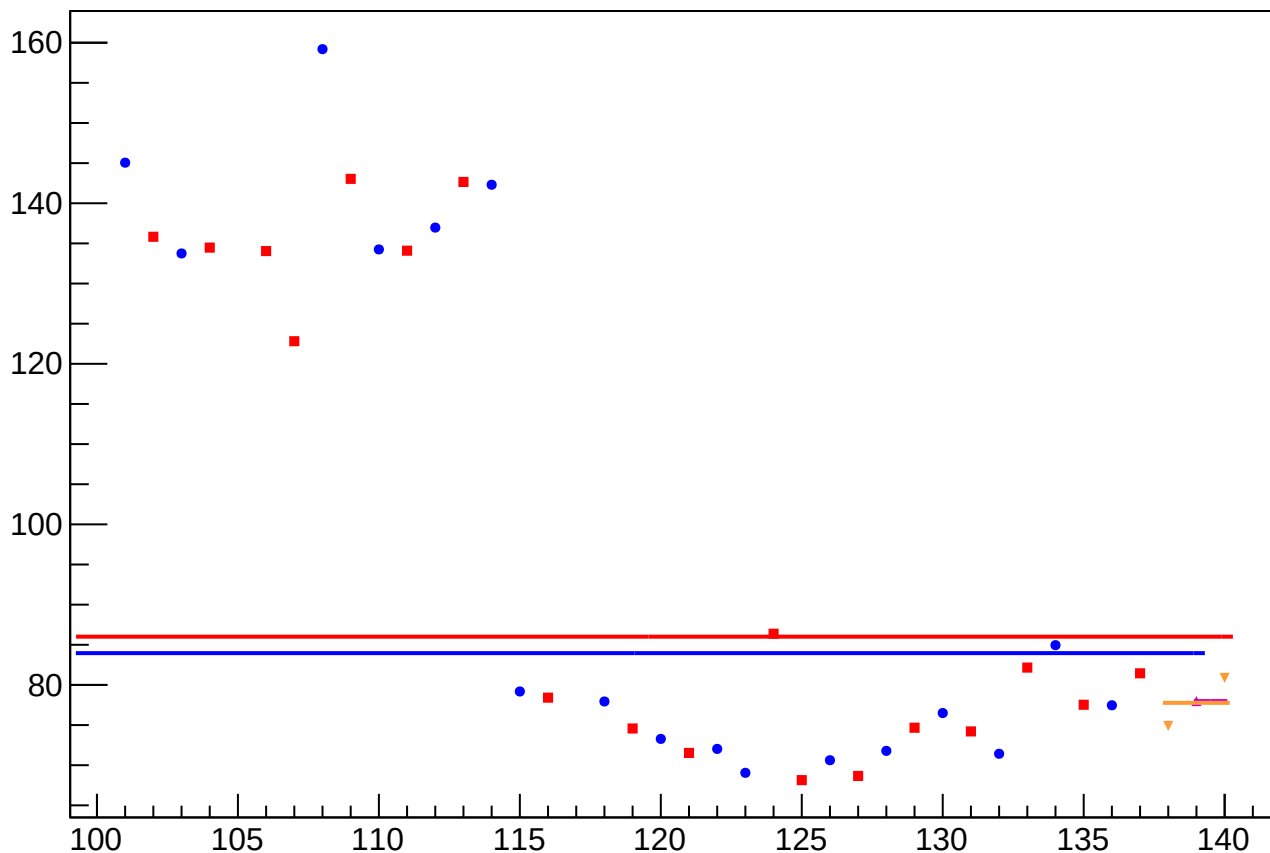
Right: 15.597+/-23.853 χ^2/NDF : 38.7/34

In: 17.761+/-31.382 χ^2/NDF : 15.1/17

Out: -27.267+/-29.807 χ^2/NDF : 28.7/19

All: -5.912+/-21.612 χ^2/NDF : 44.9/37

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 77.770+/-0.045 χ^2/NDF : 4504.6/1

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 77.989+/-0.062 χ^2/NDF : 0.0/0

Left: 77.845+/-0.036 χ^2/NDF : 4512.9/2

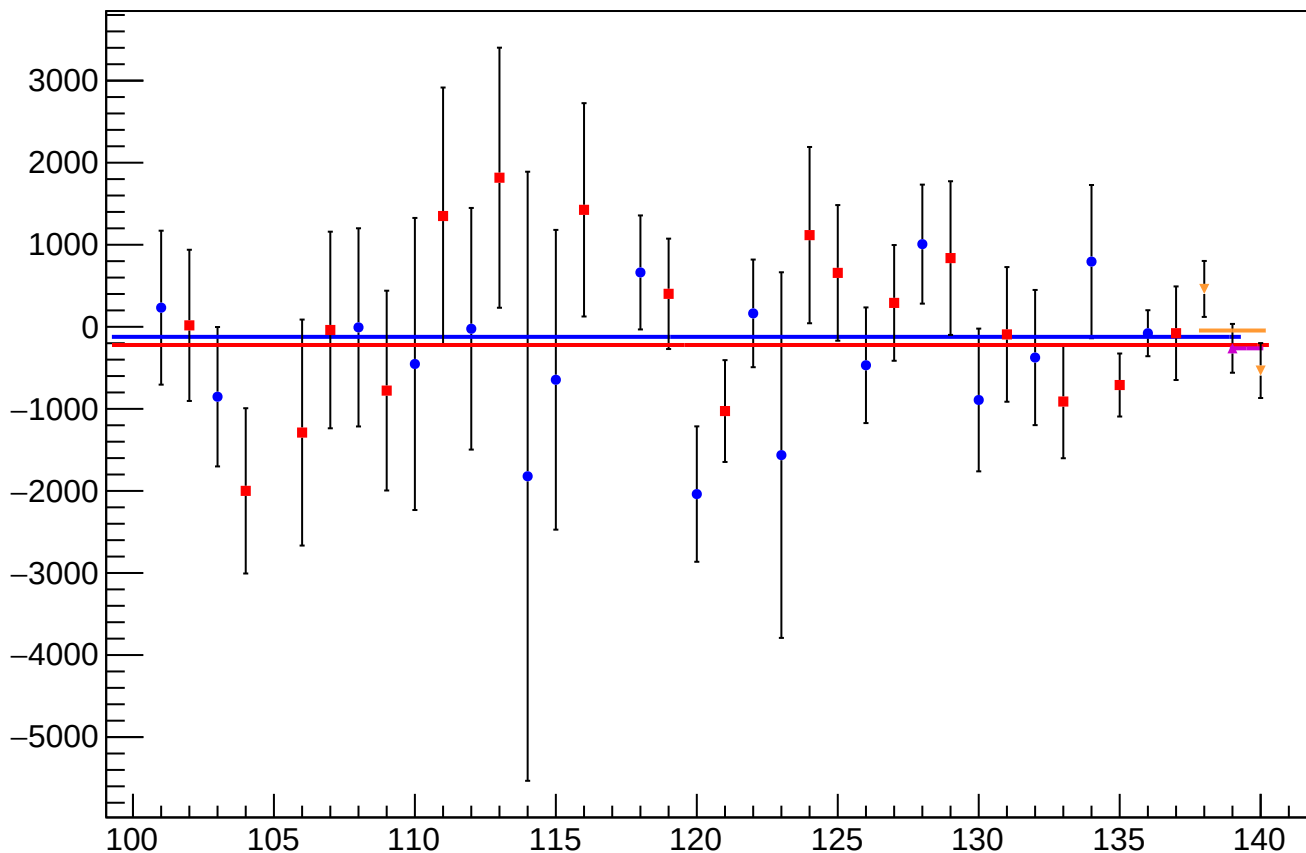
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.190+/-0.022 χ^2/NDF : 968391.1/17

Out: 84.164+/-0.021 χ^2/NDF : 1057511.0/19

All: 83.702+/-0.015 χ^2/NDF : 2026914.2/37

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -45.155 $\pm$ 238.826 χ^2 /NDF:4.3/1

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -262.264 $\pm$ 297.484 χ^2 /NDF:0.0/0

Left: -130.244 $\pm$ 186.235 χ^2 /NDF: 4.7/2

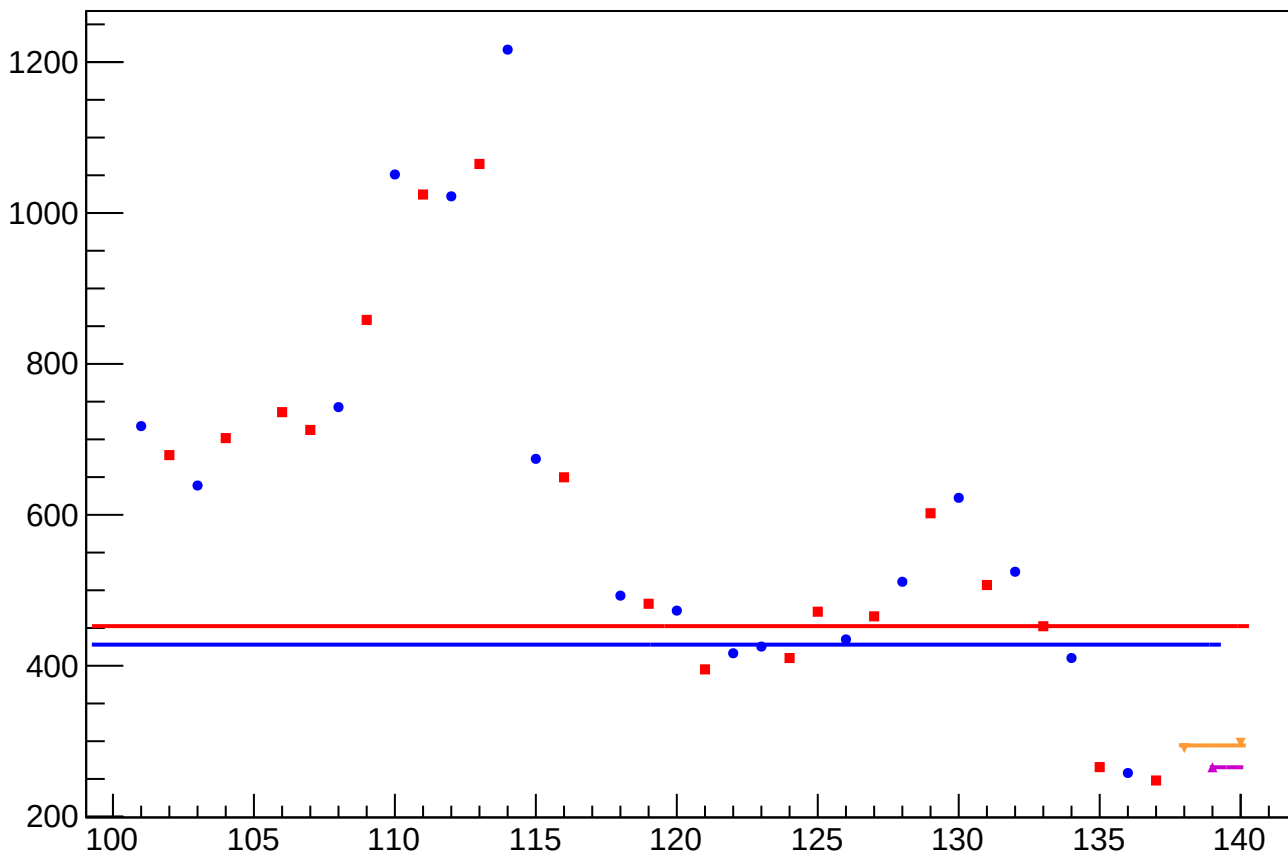
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -159.765 $\pm$ 153.744 χ^2 /NDF:13.2/17

Out: -155.340 $\pm$ 146.302 χ^2 /NDF:22.7/19

All: -157.443 $\pm$ 105.984 χ^2 /NDF: 35.9/37

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 294.435+/-0.169 χ^2/NDF :450.3/1

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 265.459+/-0.210 χ^2/NDF :0.0/0

Left: 283.078+/-0.132 χ^2/NDF : 11988.6/2

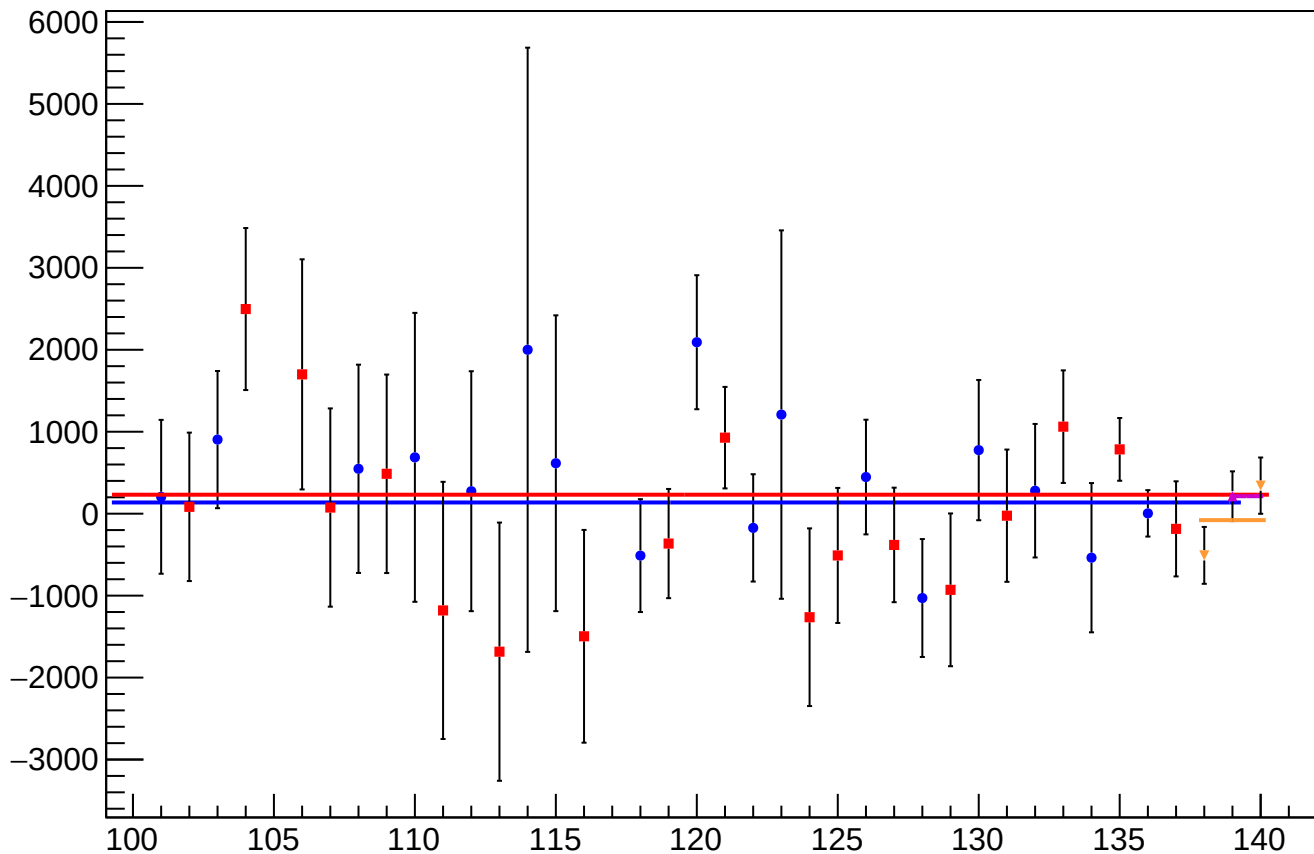
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 384.575+/-0.109 χ^2/NDF :2499769.2/17

Out: 393.188+/-0.103 χ^2/NDF :2620849.2/19

All: 389.095+/-0.075 χ^2/NDF : 5123912.9/37

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -78.830 $\pm$ 244.011 χ^2 /NDF:3.0/1

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 213.041 $\pm$ 303.453 χ^2 /NDF:0.0/0

Left: 35.785 $\pm$ 190.158 χ^2 /NDF: 3.6/2

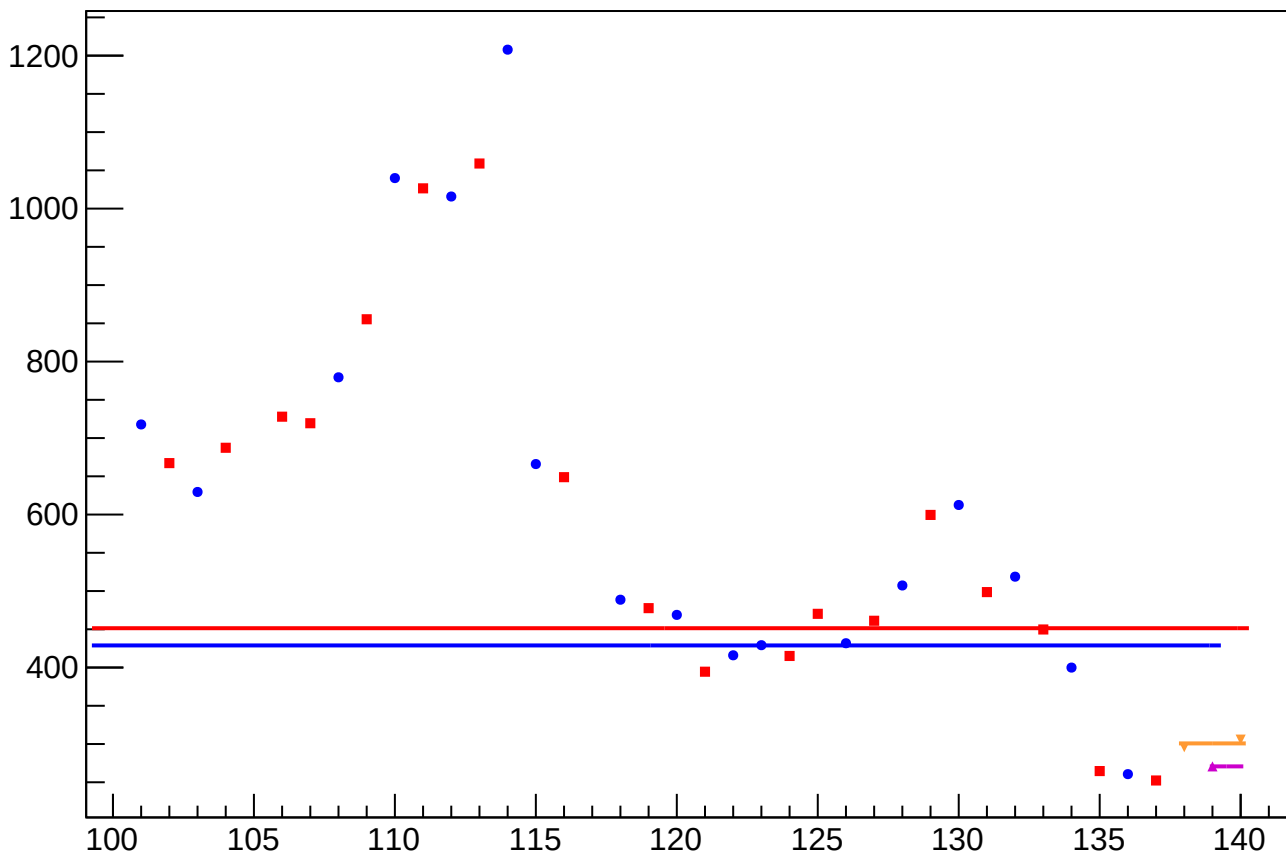
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 156.587 $\pm$ 154.564 χ^2 /NDF:12.7/17

Out: 118.612 $\pm$ 147.207 χ^2 /NDF:25.8/19

All: 136.674 $\pm$ 106.597 χ^2 /NDF: 38.5/37

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 300.802+/-0.173 χ^2/NDF :832.4/1

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 270.760+/-0.215 χ^2/NDF :0.0/0

Left: 289.005+/-0.134 χ^2/NDF : 12736.8/2

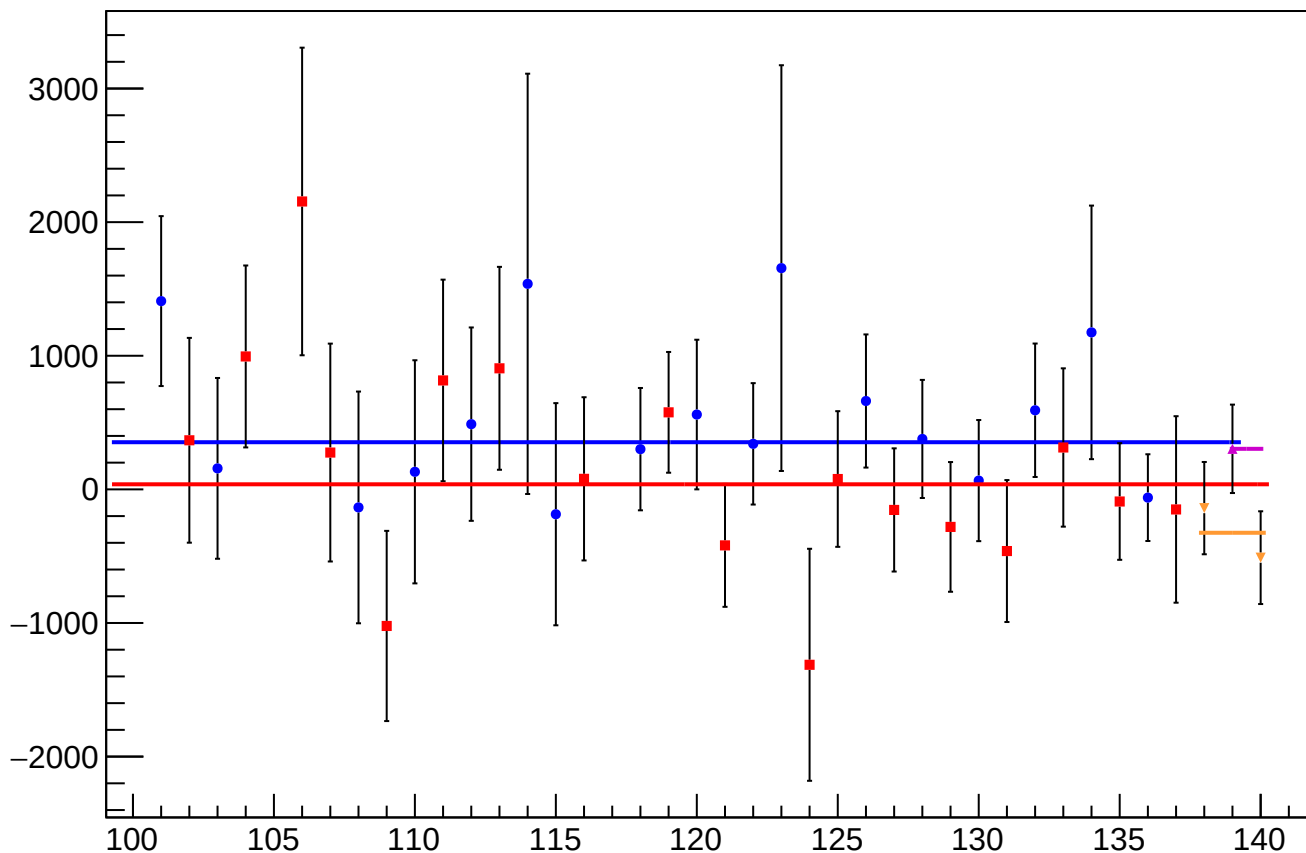
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 387.865+/-0.109 χ^2/NDF :2412785.5/17

Out: 396.597+/-0.104 χ^2/NDF :2516203.3/19

All: 392.444+/-0.075 χ^2/NDF : 4932336.6/37

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -324.822 ± 244.838 $\chi^2/\text{NDF}: 0.6/1$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: 303.460 ± 330.886 $\chi^2/\text{NDF}: 0.0/0$

Left: -102.532 ± 196.816 $\chi^2/\text{NDF}: 2.9/2$

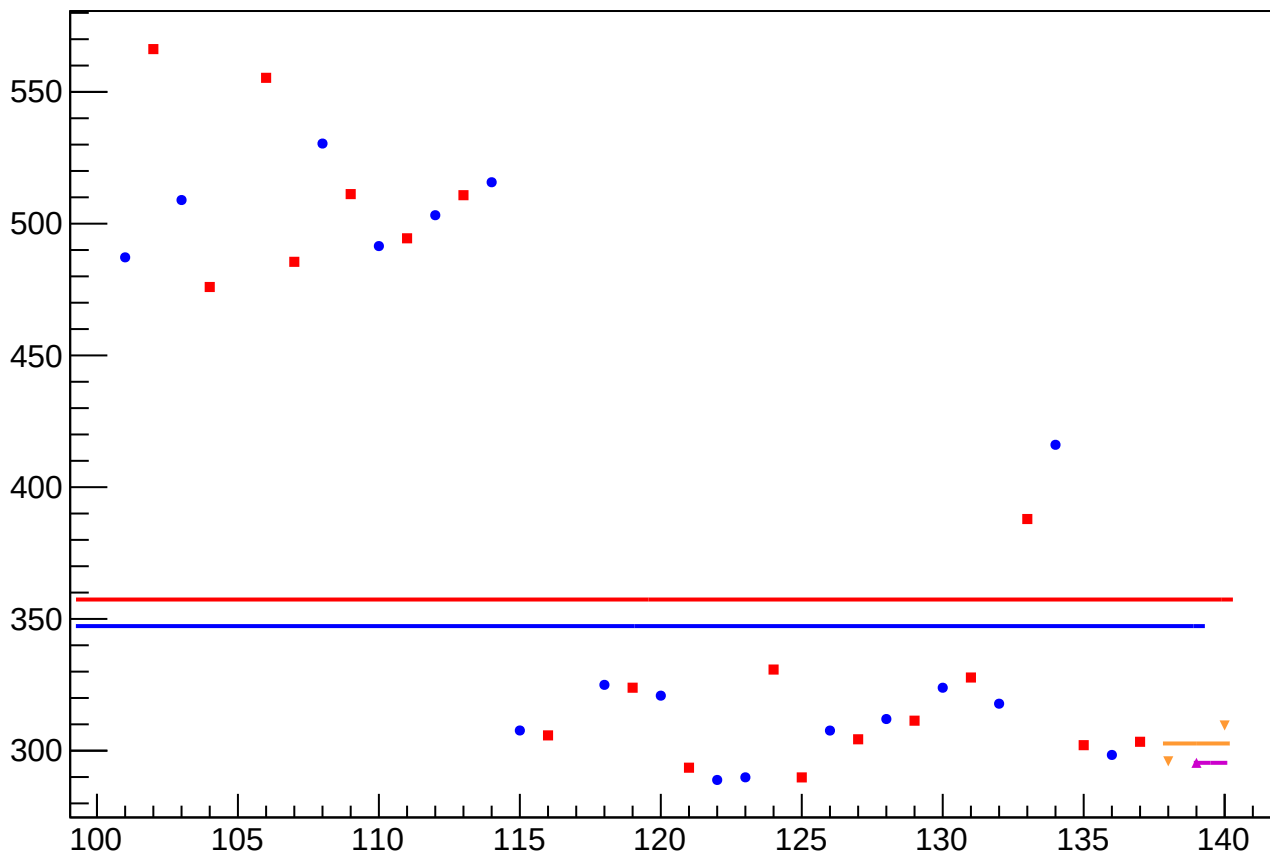
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 345.661 ± 126.814 $\chi^2/\text{NDF}: 8.6/17$

Out: -50.473 ± 120.894 $\chi^2/\text{NDF}: 19.2/19$

All: 138.131 ± 87.503 $\chi^2/\text{NDF}: 32.8/37$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.733+/-0.173 χ^2/NDF :1545.0/1

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 295.394+/-0.234 χ^2/NDF :0.0/0

Left: 300.137+/-0.139 χ^2/NDF : 2180.8/2

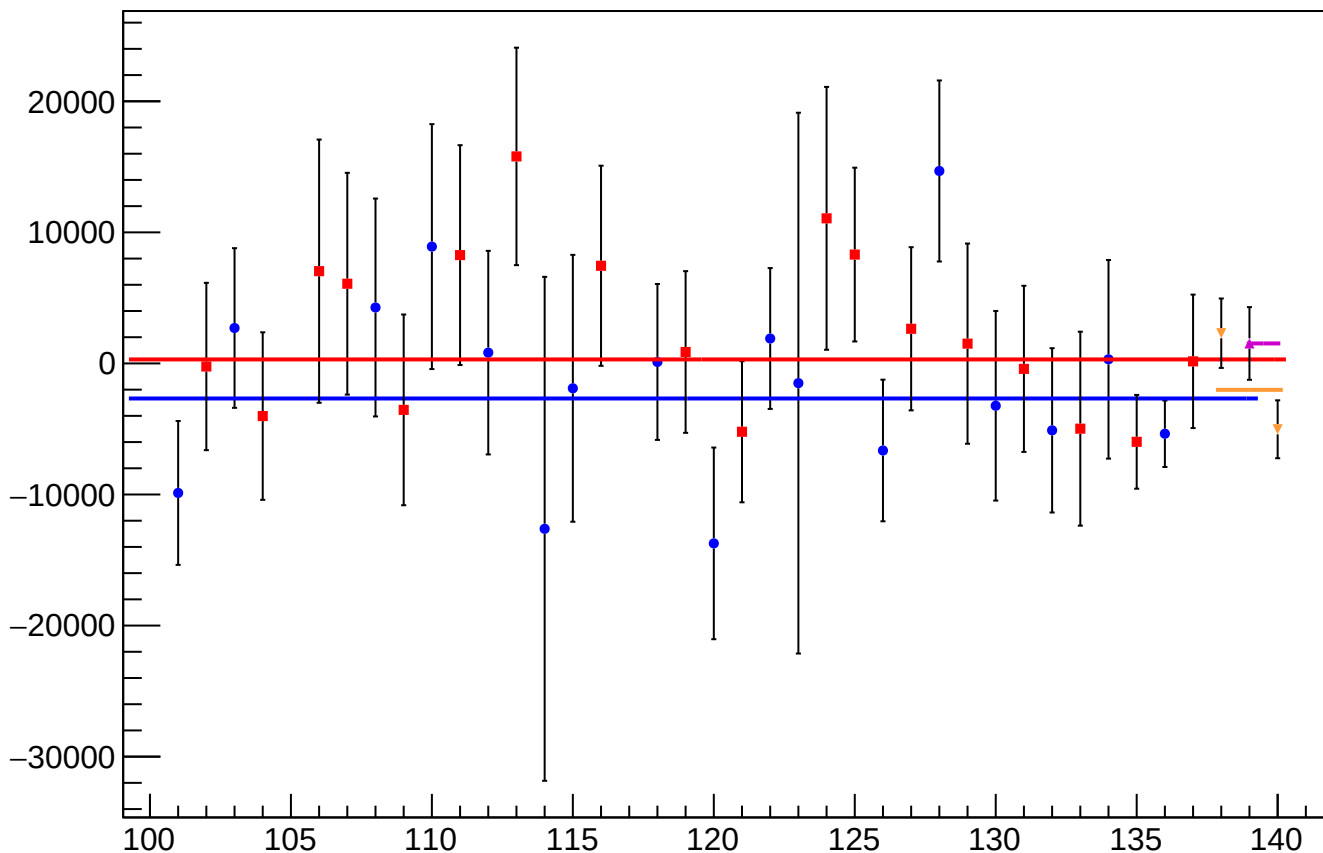
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 339.658+/-0.090 χ^2/NDF :660861.2/17

Out: 344.045+/-0.085 χ^2/NDF :836782.1/19

All: 341.957+/-0.062 χ^2/NDF : 1498897.0/37

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2015.542+/-1696.556 χ^2/NDF : 4.5/1

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: 1524.306+/-2772.835 χ^2/NDF : 0.0/0

Left: -1051.330+/-1447.165 χ^2/NDF : 5.7/2

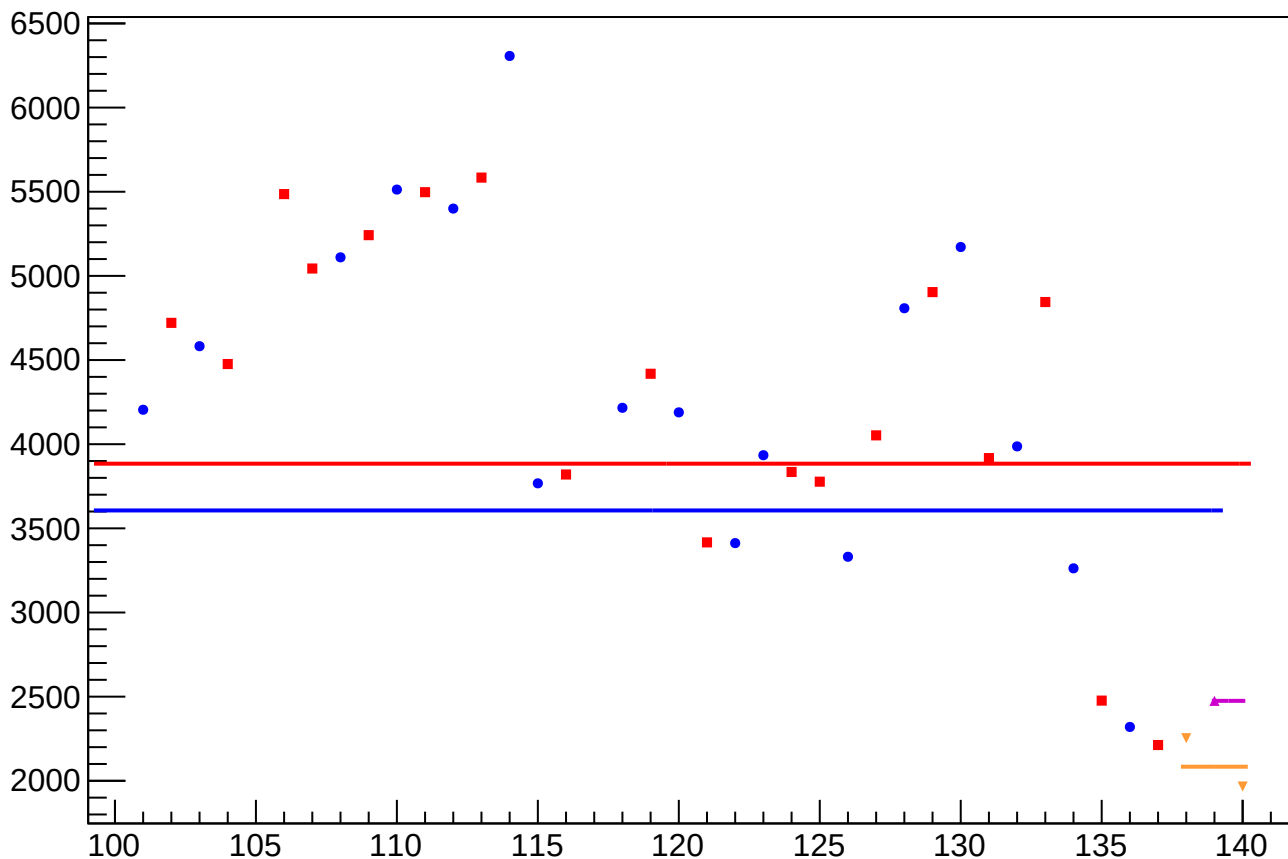
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1766.450+/-1289.219 χ^2/NDF : 18.5/17

Out: -726.747+/-1131.198 χ^2/NDF : 19.9/19

All: -1179.007+/-850.289 χ^2/NDF : 38.8/37

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2083.803+/-1.200 χ^2/NDF :13862.7/1

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2475.076+/-1.961 χ^2/NDF :0.0/0

Left: 2190.381+/-1.023 χ^2/NDF : 42839.0/2

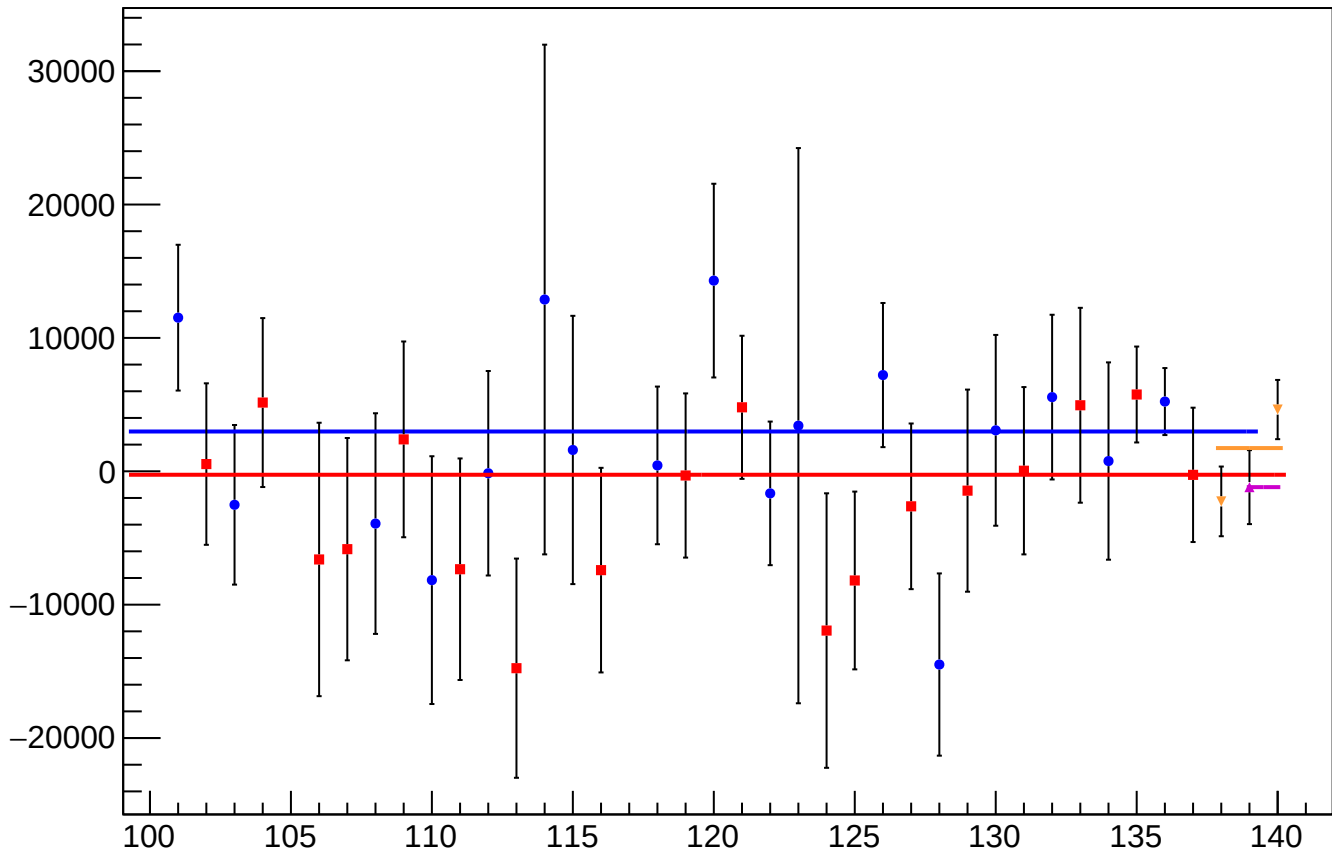
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 3361.804+/-0.912 χ^2/NDF :1353458.5/17

Out: 3083.798+/-0.800 χ^2/NDF :2259446.8/19

All: 3204.728+/-0.601 χ^2/NDF : 3665451.4/37

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1741.023 $\pm$ 1691.870 χ^2 /NDF: 4.0/1

Right Out: -259.721 $\pm$ 1510.344 χ^2 /NDF: 13.5/17

Left In: -1187.257 $\pm$ 2772.991 χ^2 /NDF: 0.0/0

Left: 946.666 $\pm$ 1444.275 χ^2 /NDF: 4.8/2

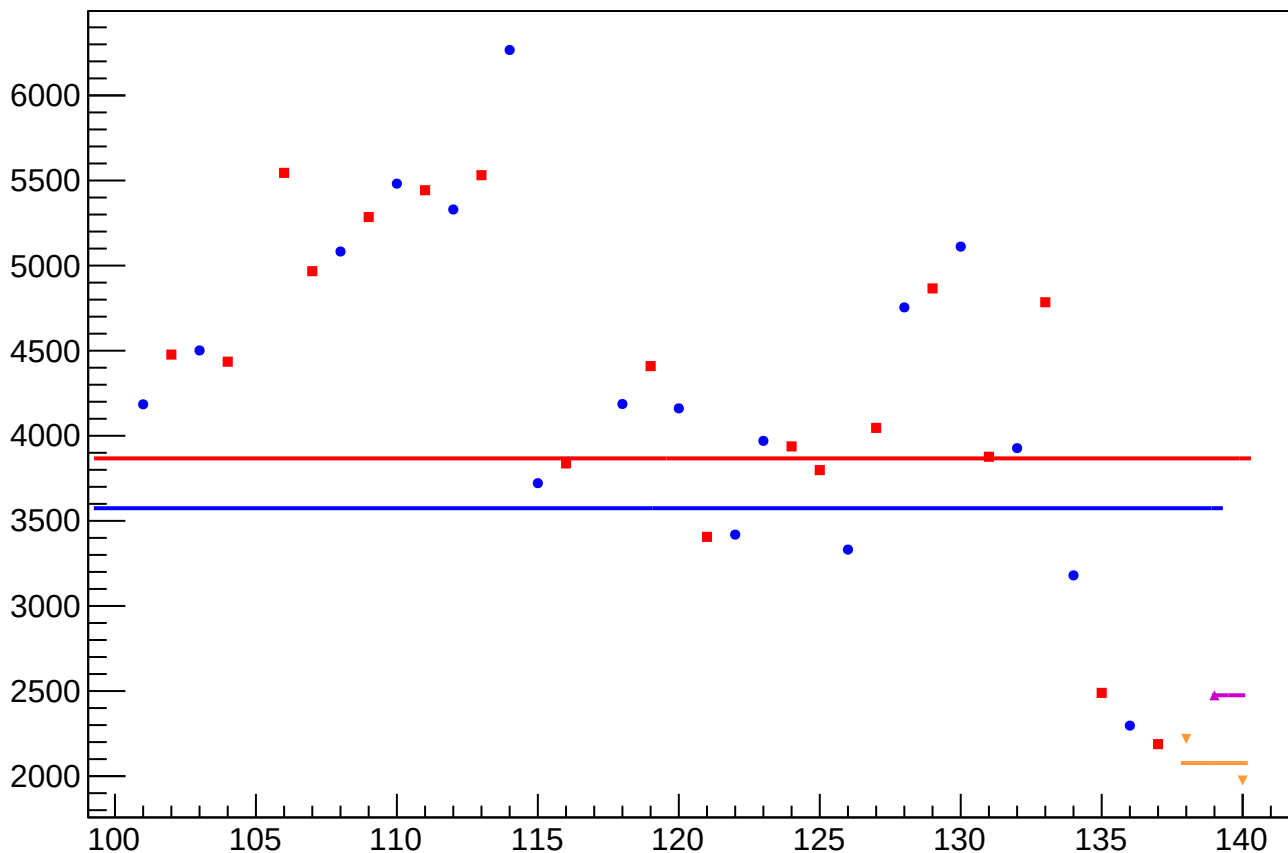
Right: 1435.156 $\pm$ 1043.589 χ^2 /NDF: 33.3/34

In: 2094.232 $\pm$ 1280.496 χ^2 /NDF: 19.2/17

Out: 627.597 $\pm$ 1126.707 χ^2 /NDF: 18.3/19

All: 1267.596 $\pm$ 845.876 χ^2 /NDF: 38.3/37

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2076.699+/-1.196 χ^2/NDF : 10159.4/1

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2475.171+/-1.961 χ^2/NDF : 0.0/0

Left: 2184.793+/-1.021 χ^2/NDF : 40254.4/2

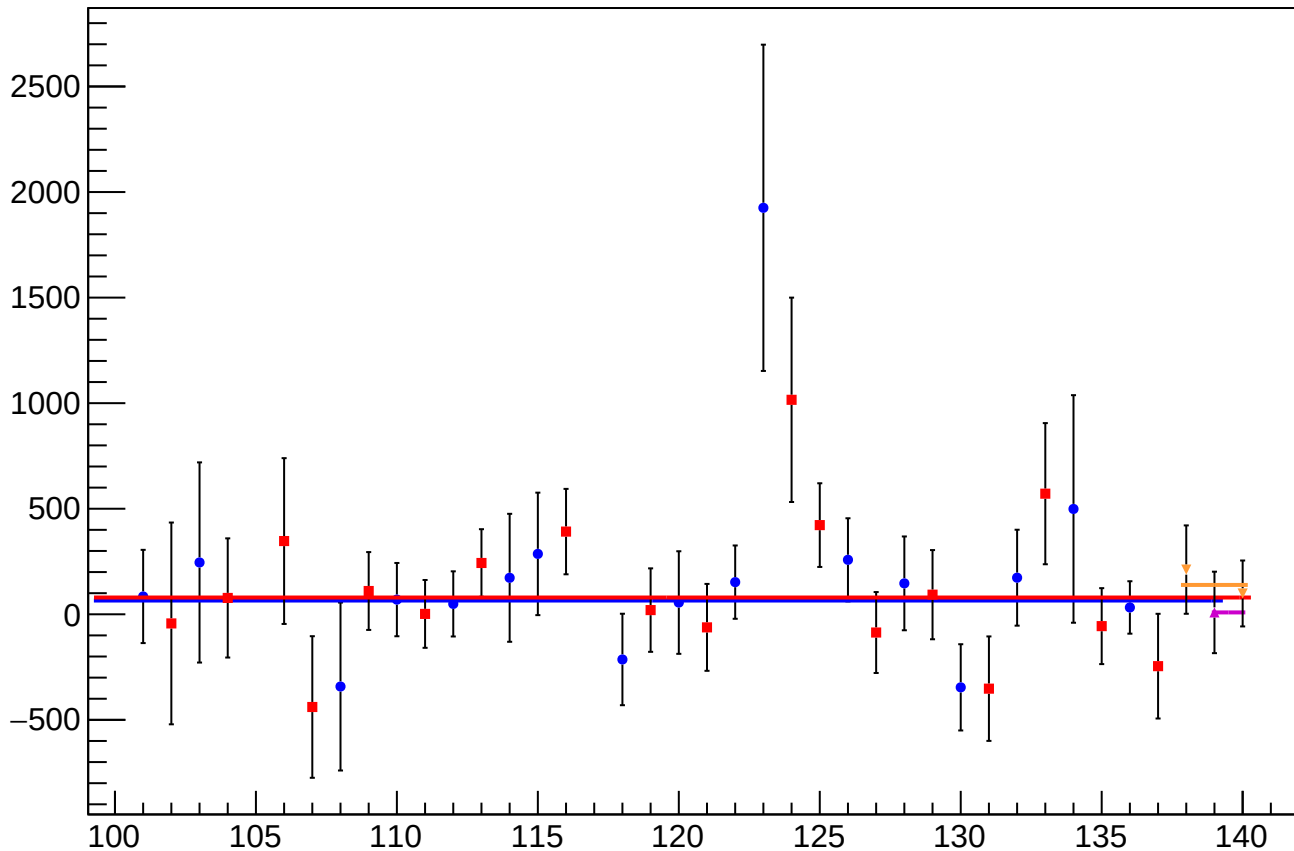
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 3339.976+/-0.905 χ^2/NDF : 1338593.8/17

Out: 3073.141+/-0.797 χ^2/NDF : 2224907.3/19

All: 3189.580+/-0.598 χ^2/NDF : 3612450.7/37

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 139.051+/-125.134 χ^2/NDF : 0.2/1

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: 8.863+/-192.975 χ^2/NDF : 0.0/0

Left: 100.513+/-104.992 χ^2/NDF : 0.5/2

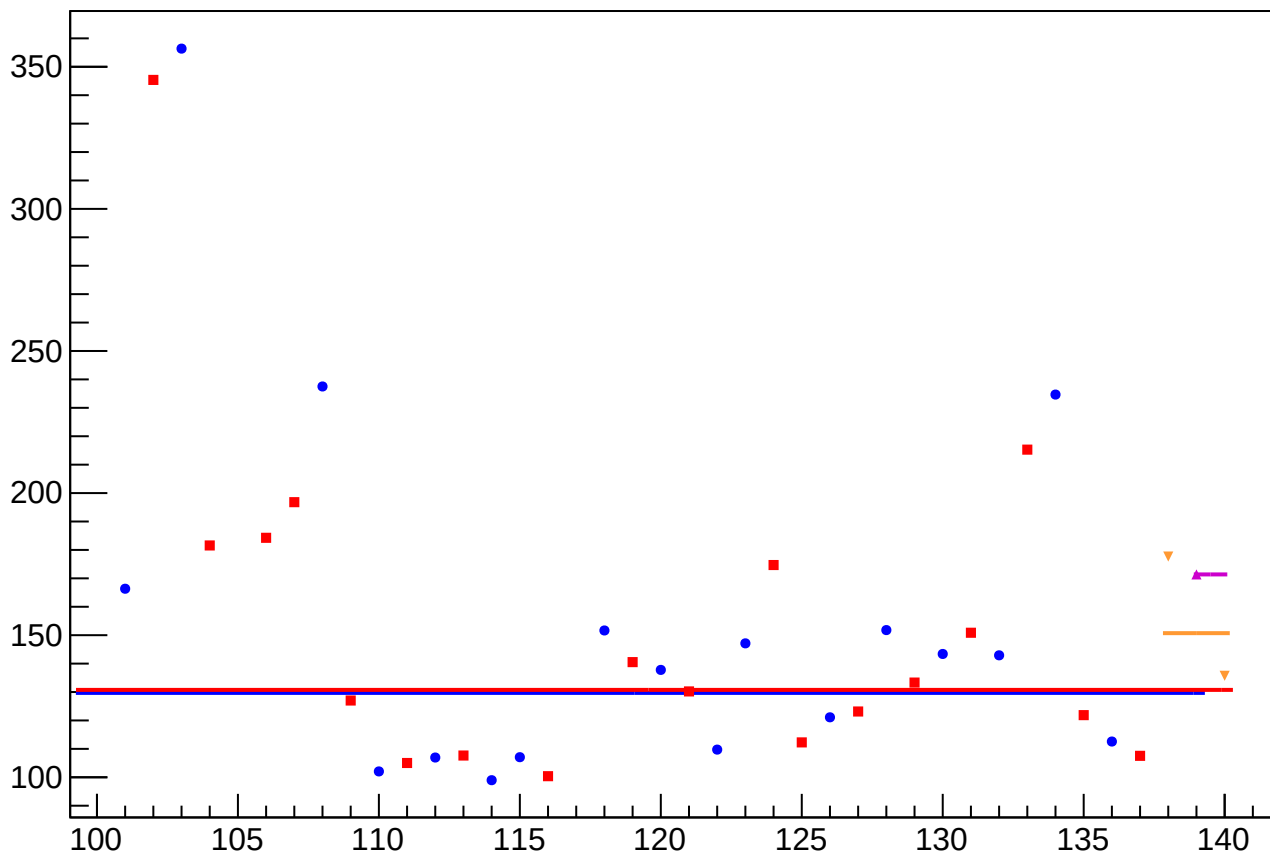
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 61.313+/-50.839 χ^2/NDF : 15.8/17

Out: 88.345+/-48.289 χ^2/NDF : 22.5/19

All: 75.524+/-35.012 χ^2/NDF : 38.5/37

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 150.714 $\pm$ 0.088 χ^2 /NDF: 51638.9/1

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 171.381 $\pm$ 0.136 χ^2 /NDF: 0.0/0

Left: 156.832 $\pm$ 0.074 χ^2 /NDF: 67788.9/2

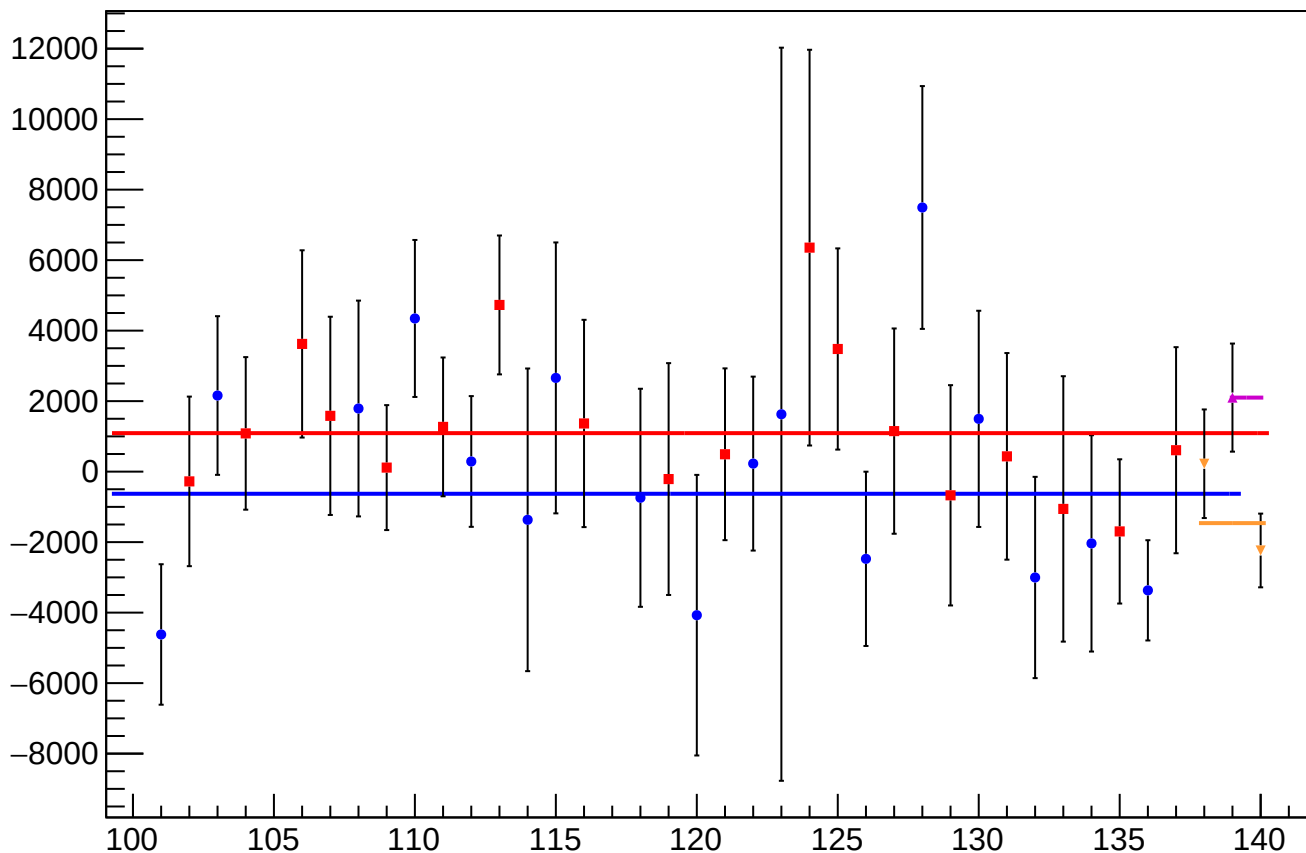
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 132.590 $\pm$ 0.036 χ^2 /NDF: 1076526.9/17

Out: 133.724 $\pm$ 0.034 χ^2 /NDF: 1022492.2/19

All: 133.186 $\pm$ 0.025 χ^2 /NDF: 2099542.6/37

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1460.660+/-865.201 χ^2/NDF : 1.7/1

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 2100.114+/-1533.280 χ^2/NDF : 0.0/0

Left: -600.689+/-753.514 χ^2/NDF : 5.8/2

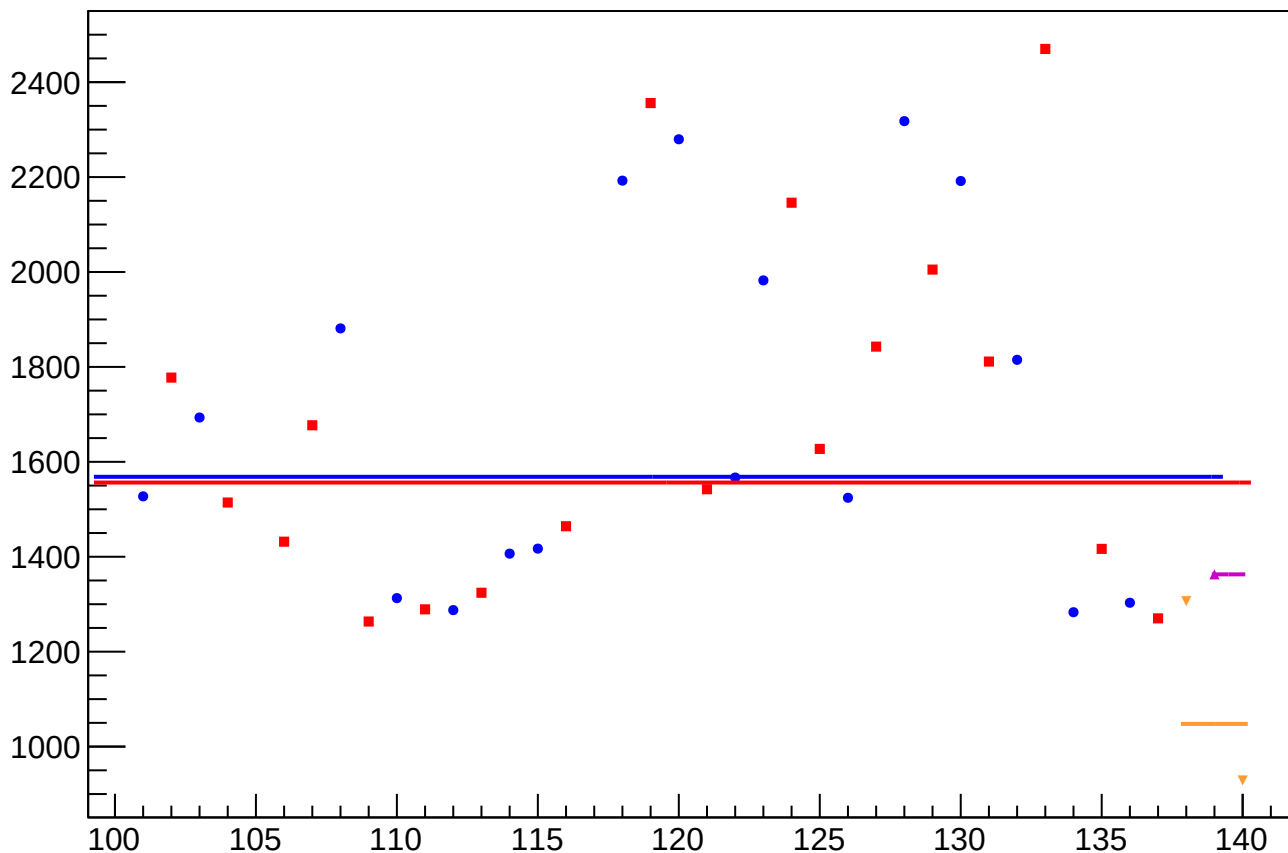
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -243.186+/-575.971 χ^2/NDF : 27.0/17

Out: 263.973+/-492.757 χ^2/NDF : 17.0/19

All: 49.644+/-374.429 χ^2/NDF : 44.5/37

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 1047.812+/-0.612 χ^2/NDF : 82303.7/1

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 1362.908+/-1.084 χ^2/NDF : 0.0/0

Left: 1123.912+/-0.533 χ^2/NDF : 146368.6/2

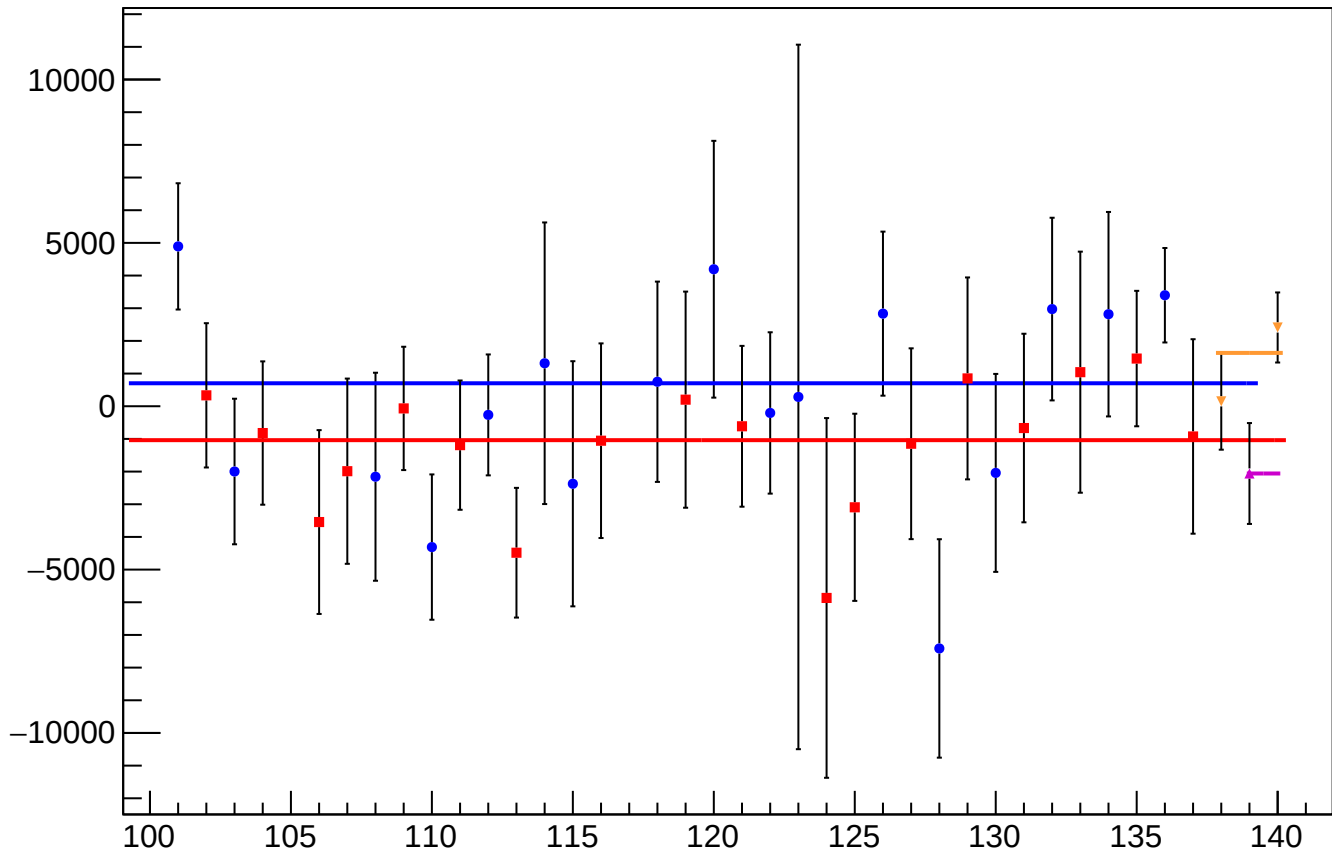
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1539.472+/-0.407 χ^2/NDF : 565076.0/17

Out: 1391.448+/-0.348 χ^2/NDF : 1059718.1/19

All: 1454.004+/-0.265 χ^2/NDF : 1701065.4/37

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1632.356+/-868.282 χ^2/NDF : 1.5/1

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -2058.733+/-1543.896 χ^2/NDF : 0.0/0

Left: 745.427+/-756.807 χ^2/NDF : 5.9/2

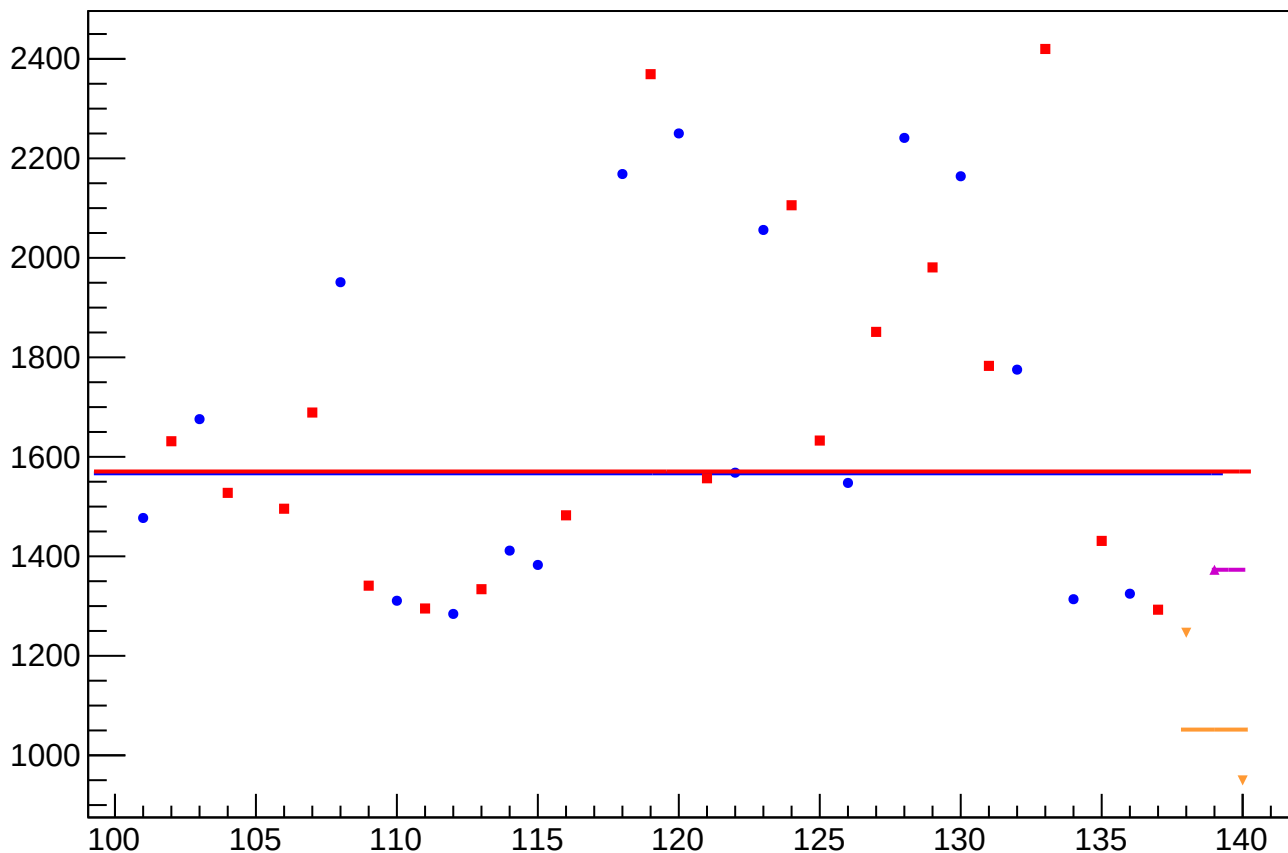
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 318.862+/-575.835 χ^2/NDF : 28.7/17

Out: -167.001+/-495.971 χ^2/NDF : 16.1/19

All: 39.927+/-375.795 χ^2/NDF : 45.2/37

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 1051.725 $\pm$ 0.614 χ^2 /NDF: 52776.5/1

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 1373.026 $\pm$ 1.092 χ^2 /NDF: 0.0/0

Left: 1128.930 $\pm$ 0.535 χ^2 /NDF: 118582.7/2

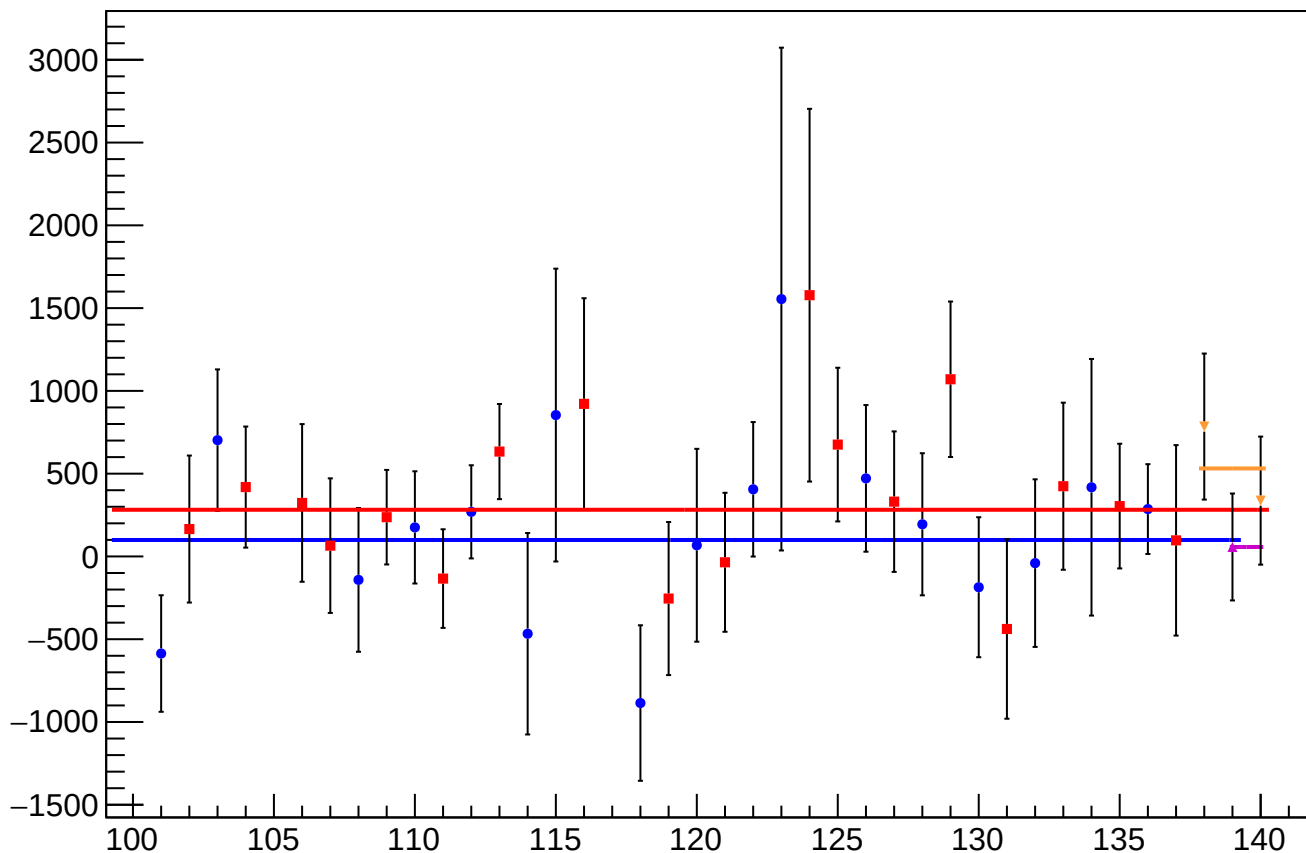
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1539.962 $\pm$ 0.407 χ^2 /NDF: 527007.0/17

Out: 1401.267 $\pm$ 0.351 χ^2 /NDF: 973128.0/19

All: 1460.337 $\pm$ 0.266 χ^2 /NDF: 1566745.4/37

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 531.561 $\pm$ 290.819 χ^2/NDF : 0.6/1

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 57.136 $\pm$ 322.919 χ^2/NDF : 0.0/0

Left: 319.095 $\pm$ 216.100 χ^2/NDF : 1.8/2

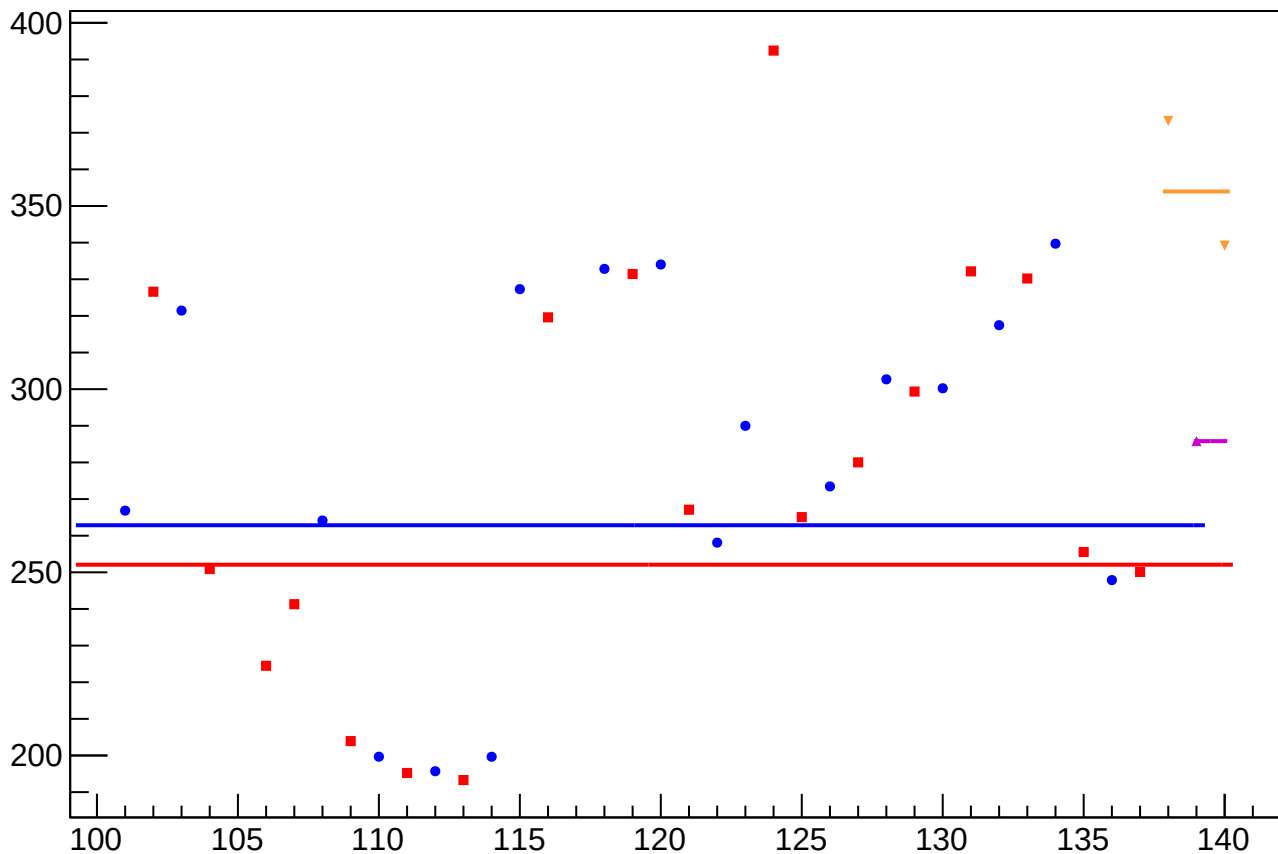
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 95.454 $\pm$ 98.530 χ^2/NDF : 15.9/17

Out: 307.241 $\pm$ 92.767 χ^2/NDF : 15.0/19

All: 207.721 $\pm$ 67.541 χ^2/NDF : 33.3/37

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 353.974 ± 0.206 χ^2/NDF : 6736.7/1

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 285.820 ± 0.228 χ^2/NDF : 0.0/0

Left: 323.452 ± 0.153 χ^2/NDF : 55928.3/2

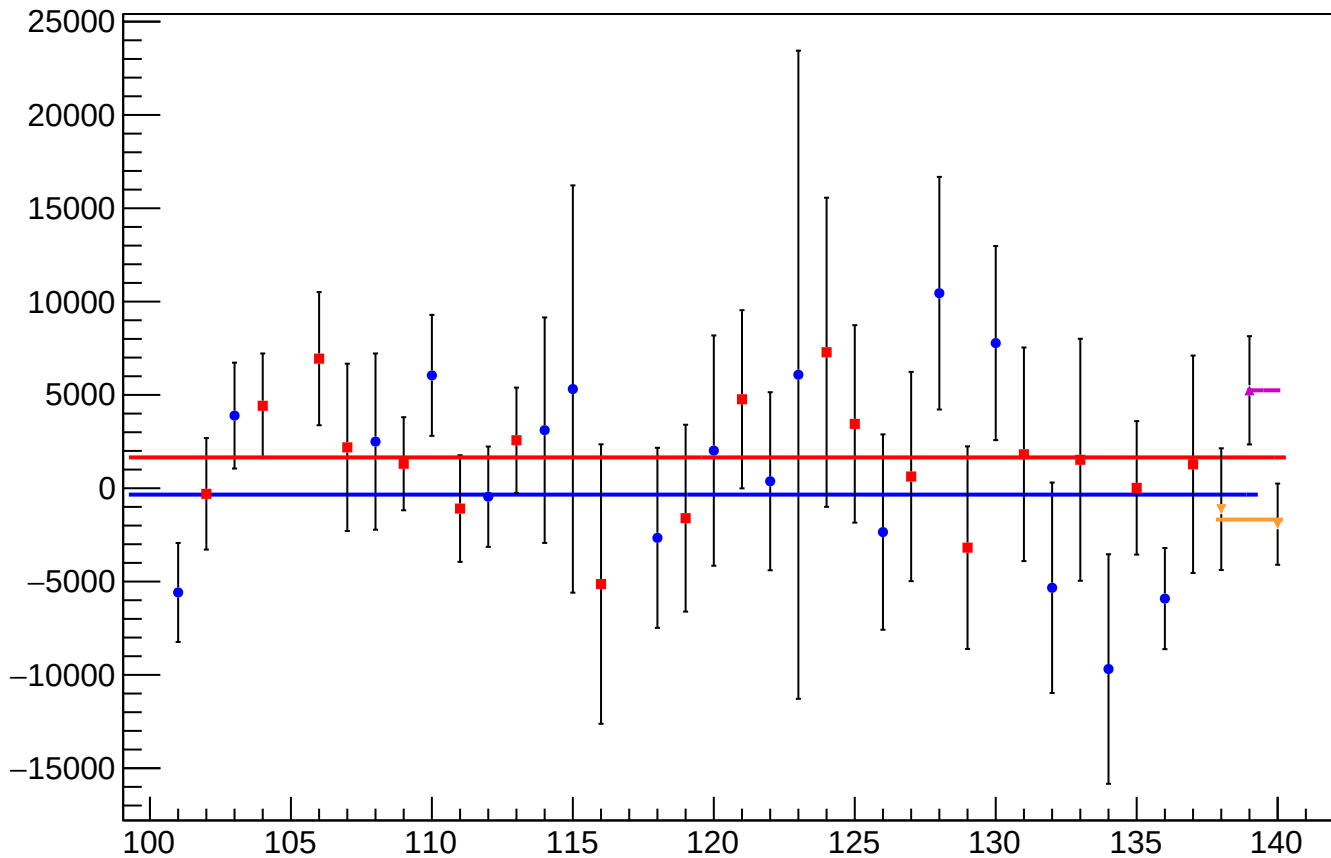
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 264.994 ± 0.070 χ^2/NDF : 420871.0/17

Out: 262.447 ± 0.066 χ^2/NDF : 742426.8/19

All: 263.644 ± 0.048 χ^2/NDF : 1164006.3/37

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -1678.417 ± 1809.791 χ^2/NDF : 0.0/1

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 5247.132 ± 2899.609 χ^2/NDF : 0.0/0

Left: 263.156 ± 1535.286 χ^2/NDF : 4.1/2

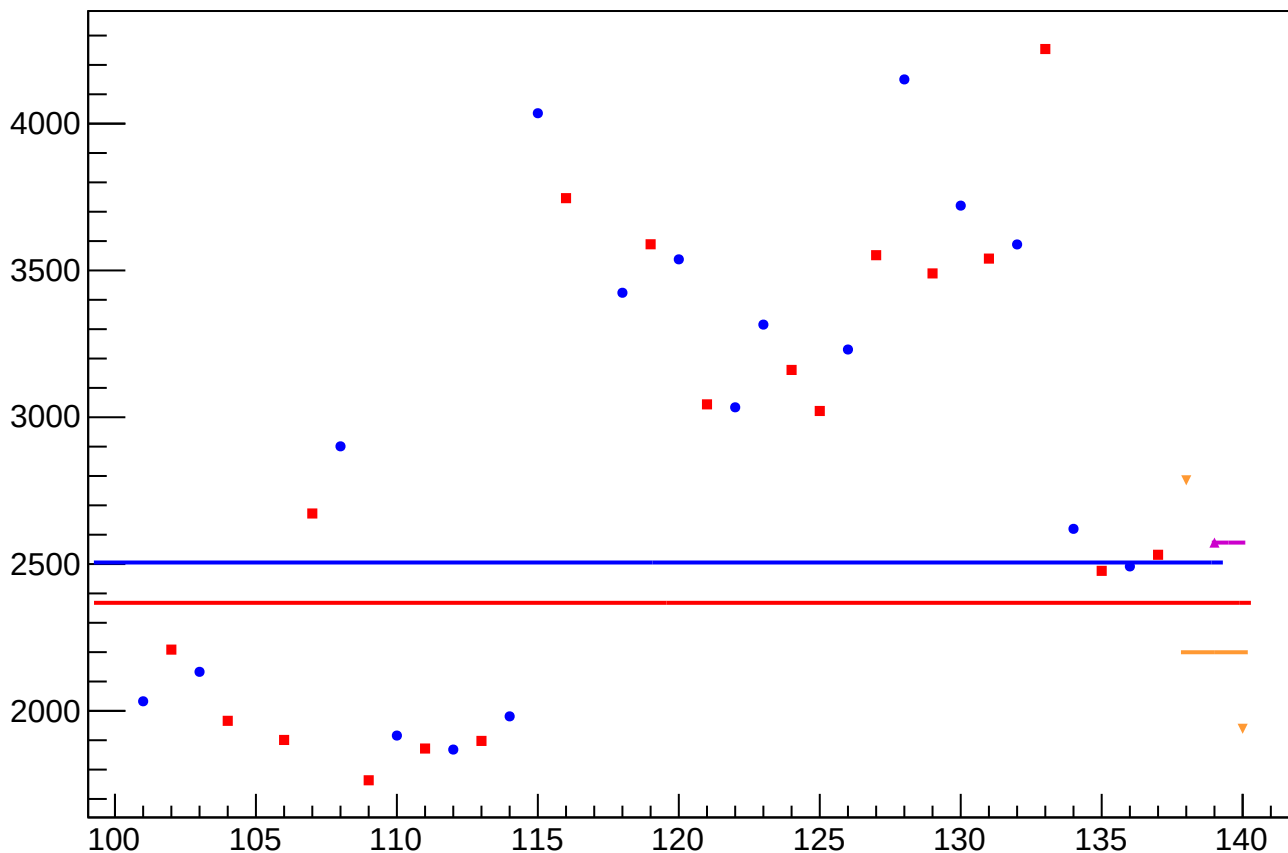
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 257.440 ± 949.272 χ^2/NDF : 27.7/17

Out: 956.405 ± 827.077 χ^2/NDF : 10.7/19

All: 654.778 ± 623.589 χ^2/NDF : 38.7/37

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2199.642+/-1.280 χ^2/NDF : 93191.6/1

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2573.127+/-2.050 χ^2/NDF : 0.0/0

Left: 2304.349+/-1.086 χ^2/NDF : 117070.7/2

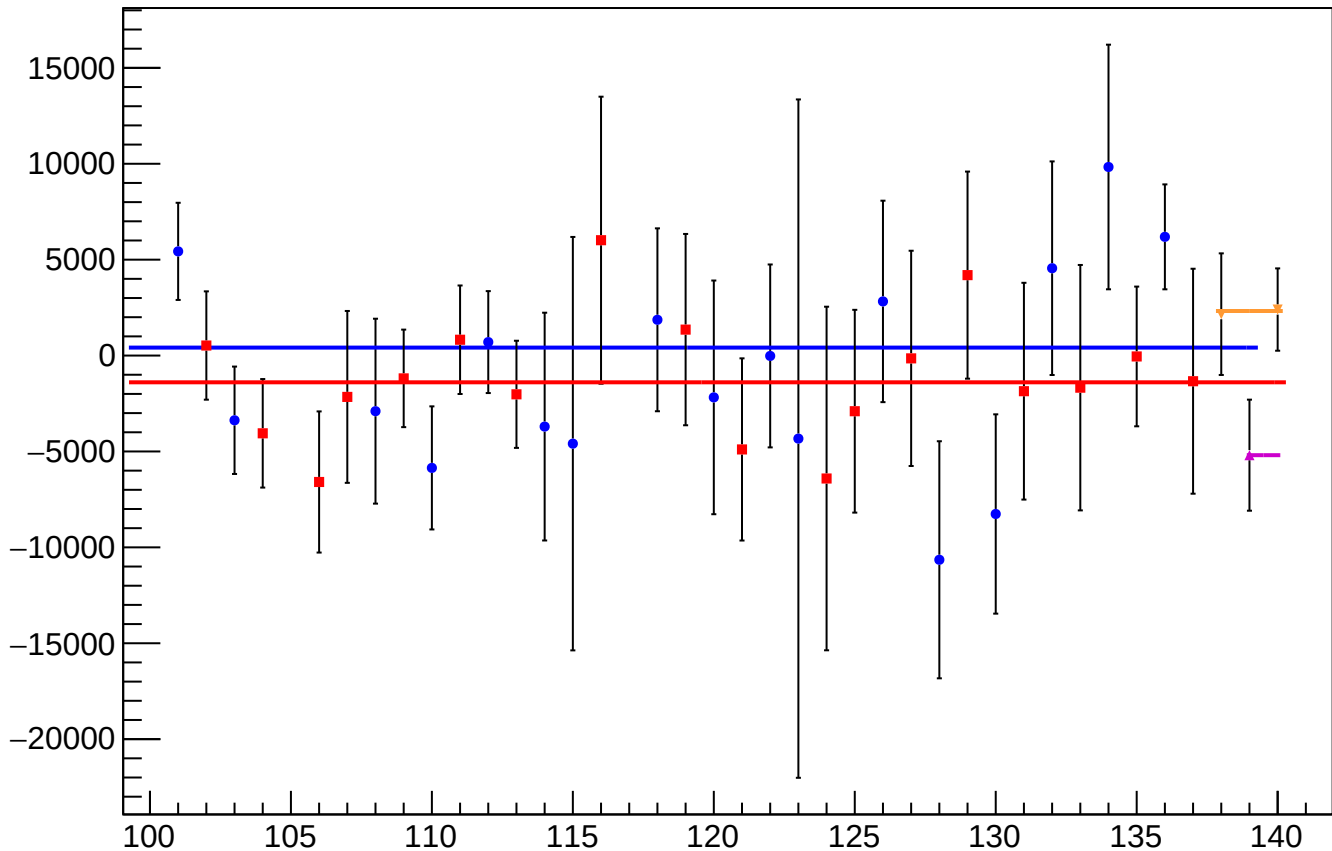
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2512.596+/-0.671 χ^2/NDF : 865110.1/17

Out: 2332.841+/-0.585 χ^2/NDF : 1137764.9/19

All: 2410.411+/-0.441 χ^2/NDF : 2043642.5/37

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2323.401+/-1777.263 χ^2/NDF : 0.0/1

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -5194.009+/-2894.994 χ^2/NDF : 0.0/0

Left: 265.717+/-1514.617 χ^2/NDF : 4.9/2

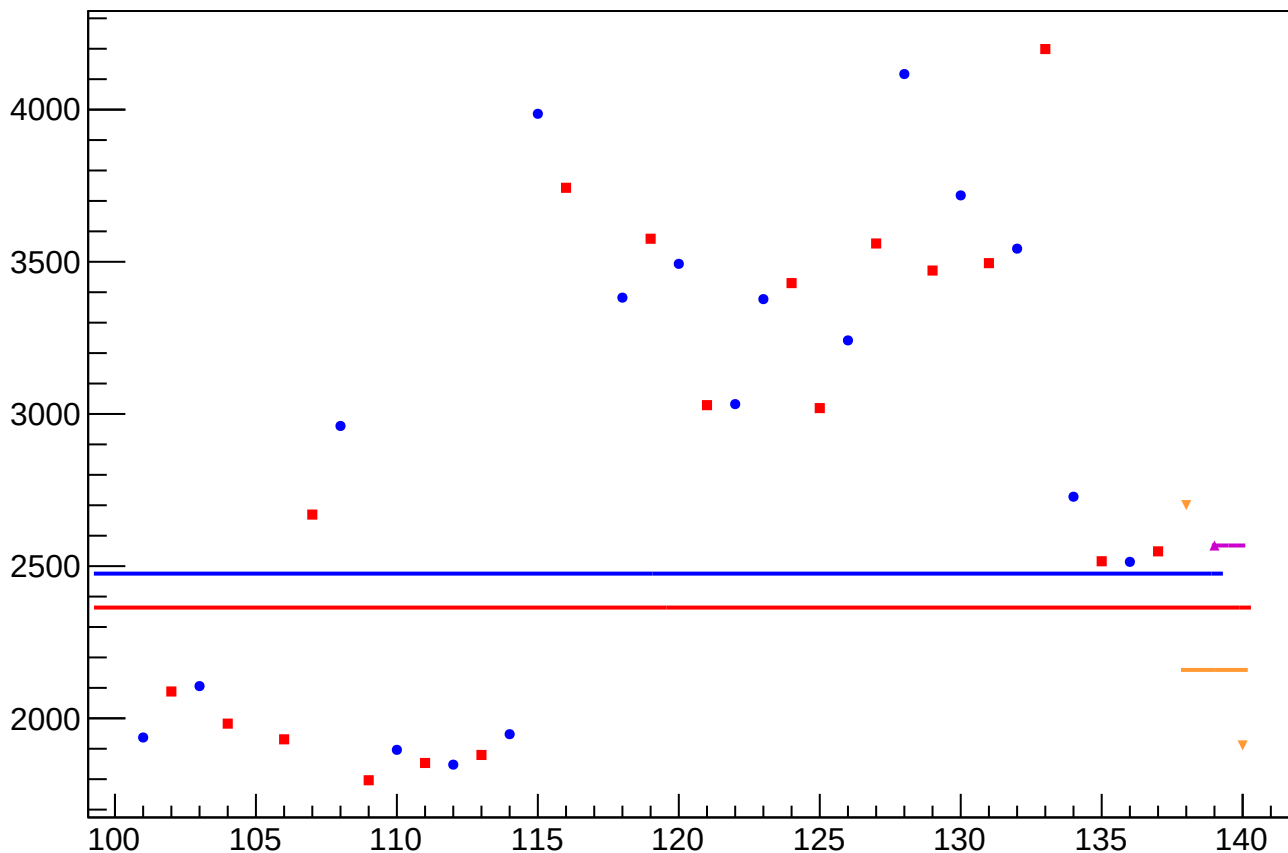
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -176.994+/-940.900 χ^2/NDF : 27.9/17

Out: -596.785+/-823.305 χ^2/NDF : 11.0/19

All: -414.747+/-619.595 χ^2/NDF : 38.9/37

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2159.010+/-1.257 χ^2/NDF : 85061.2/1

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2567.849+/-2.047 χ^2/NDF : 0.0/0

Left: 2270.919+/-1.071 χ^2/NDF : 114030.7/2

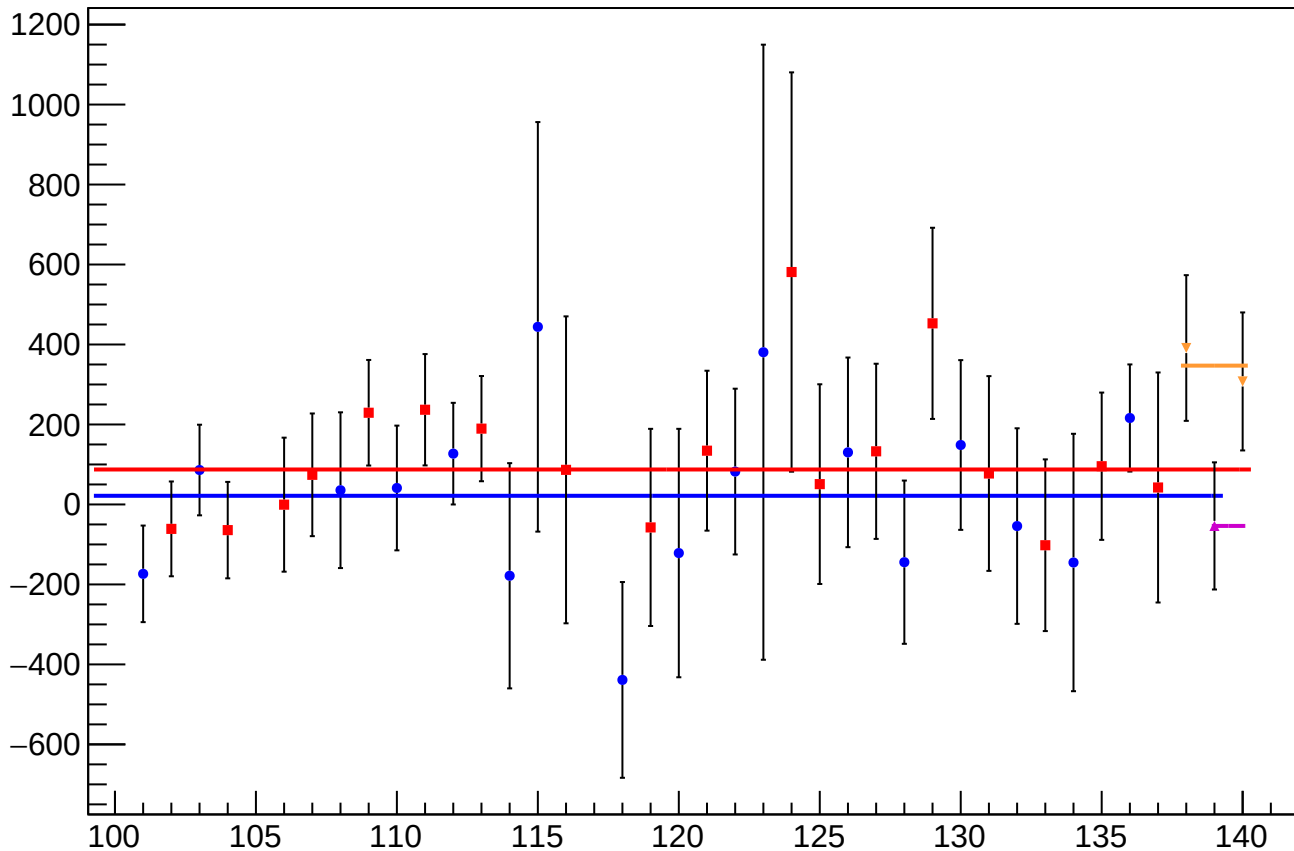
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2485.196+/-0.665 χ^2/NDF : 914896.3/17

Out: 2319.937+/-0.582 χ^2/NDF : 1132814.8/19

All: 2391.600+/-0.438 χ^2/NDF : 2082654.7/37

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649+/-45.157 χ^2/NDF : 12.6/16

Left Out: 347.158+/-125.277 χ^2/NDF : 0.1/1

Right Out: 87.439+/-41.826 χ^2/NDF : 10.9/17

Left In: -53.695+/-158.970 χ^2/NDF : 0.0/0

Left: 193.588+/-98.396 χ^2/NDF : 4.0/2

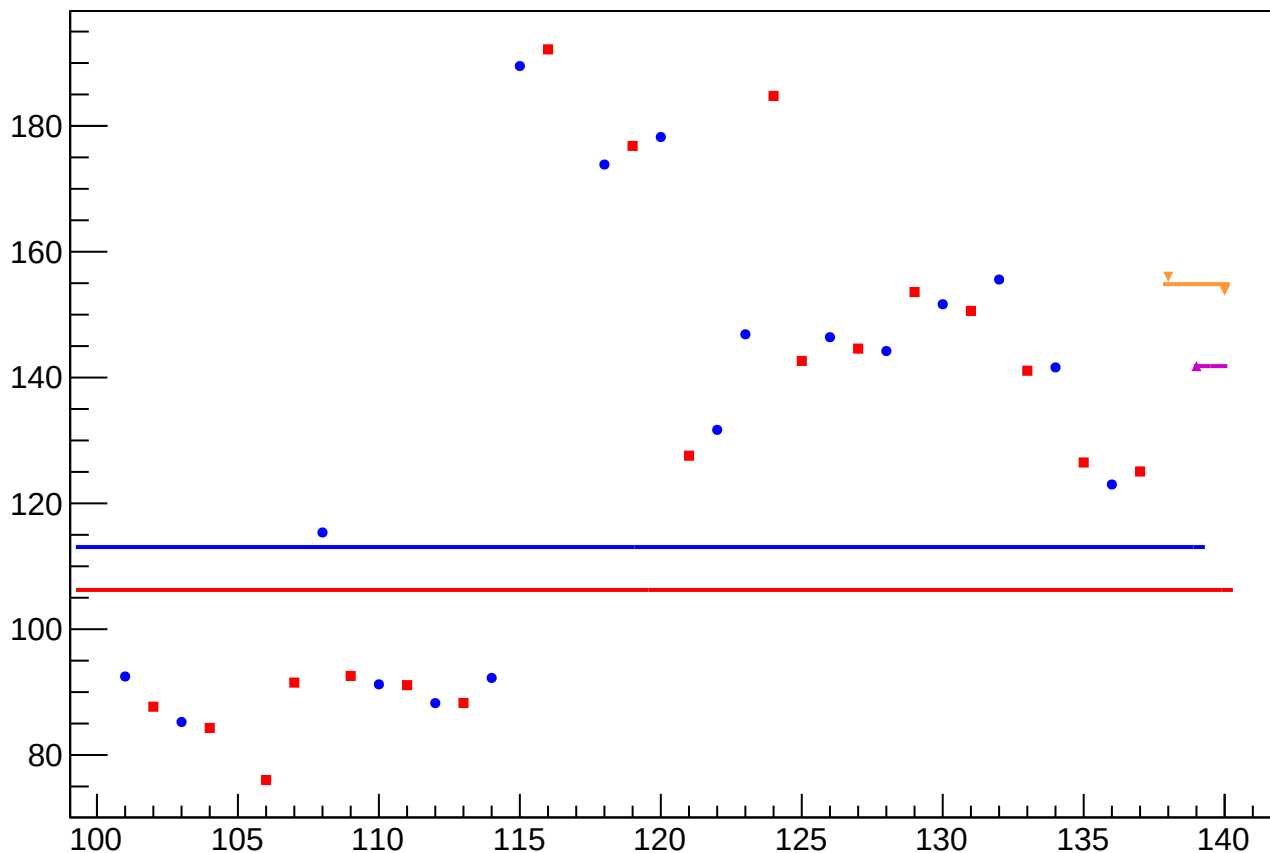
Right: 57.059+/-30.686 χ^2/NDF : 24.7/34

In: 16.023+/-43.438 χ^2/NDF : 12.8/17

Out: 113.486+/-39.674 χ^2/NDF : 14.9/19

All: 69.160+/-29.294 χ^2/NDF : 30.5/37

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 154.852+/-0.089 χ^2/NDF :156.5/1

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 141.822+/-0.112 χ^2/NDF :0.0/0

Left: 149.860+/-0.070 χ^2/NDF : 8445.7/2

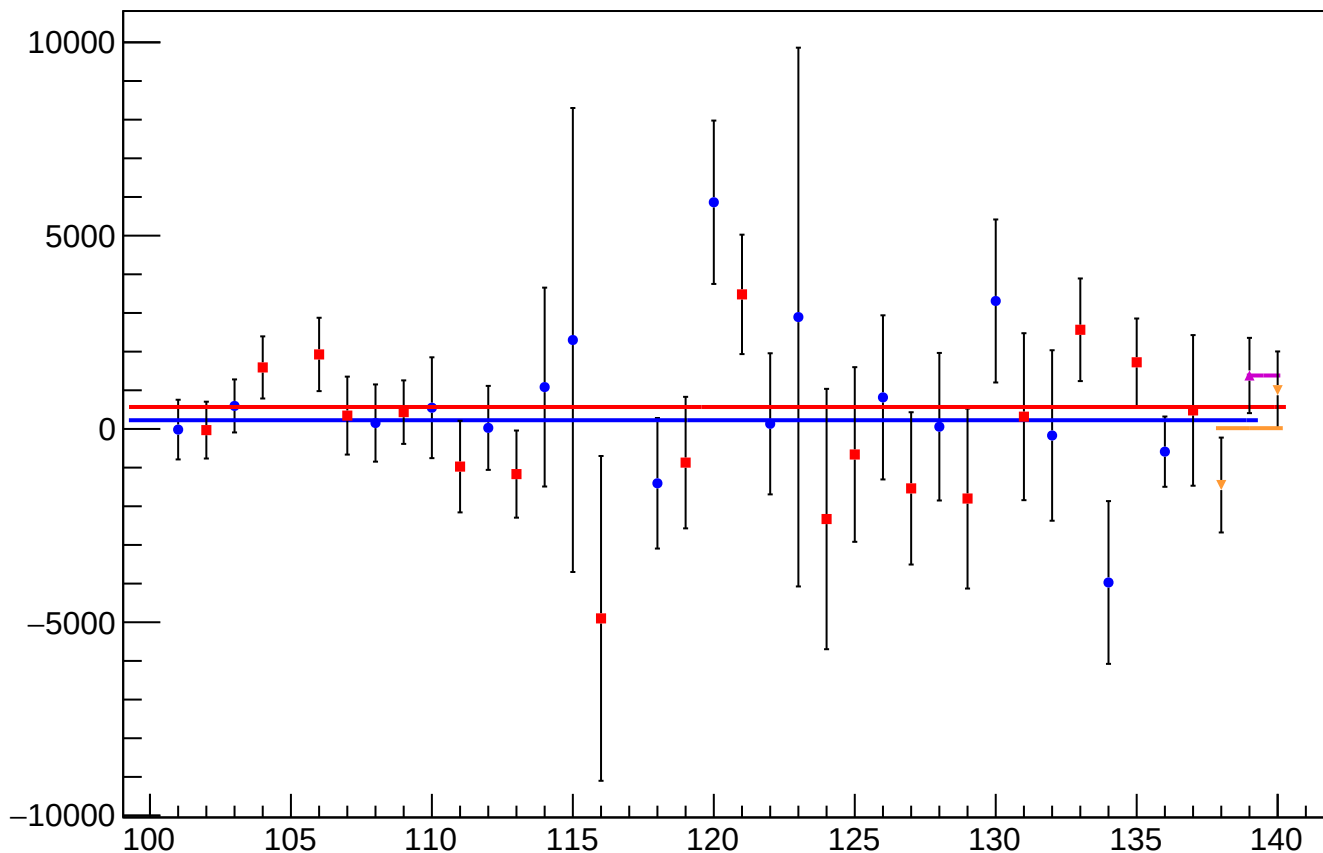
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 115.206+/-0.031 χ^2/NDF :881380.2/17

Out: 111.115+/-0.028 χ^2/NDF :1222795.8/19

All: 112.976+/-0.021 χ^2/NDF : 2113847.2/37

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: 20.207 $\pm$ 776.495 χ^2 /NDF:2.4/1

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 1382.598 $\pm$ 973.520 χ^2 /NDF:0.0/0

Left: 549.938 $\pm$ 607.046 χ^2 /NDF: 3.6/2

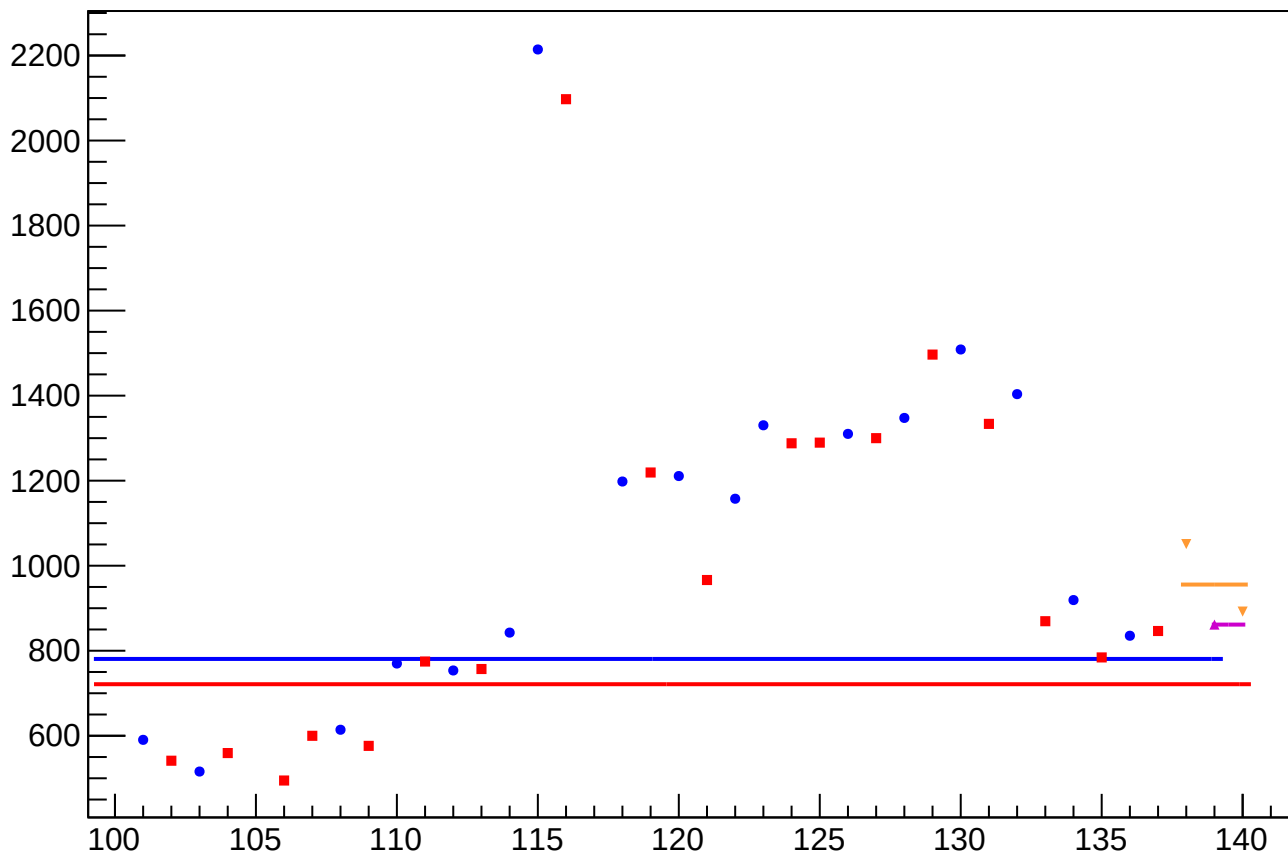
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 339.351 $\pm$ 305.208 χ^2 /NDF:17.2/17

Out: 500.838 $\pm$ 272.083 χ^2 /NDF:23.8/19

All: 429.330 $\pm$ 203.097 χ^2 /NDF: 41.2/37

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 955.669+/-0.549 χ^2/NDF :20090.1/1

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 861.482+/-0.688 χ^2/NDF :0.0/0

Left: 919.047+/-0.429 χ^2/NDF : 31531.7/2

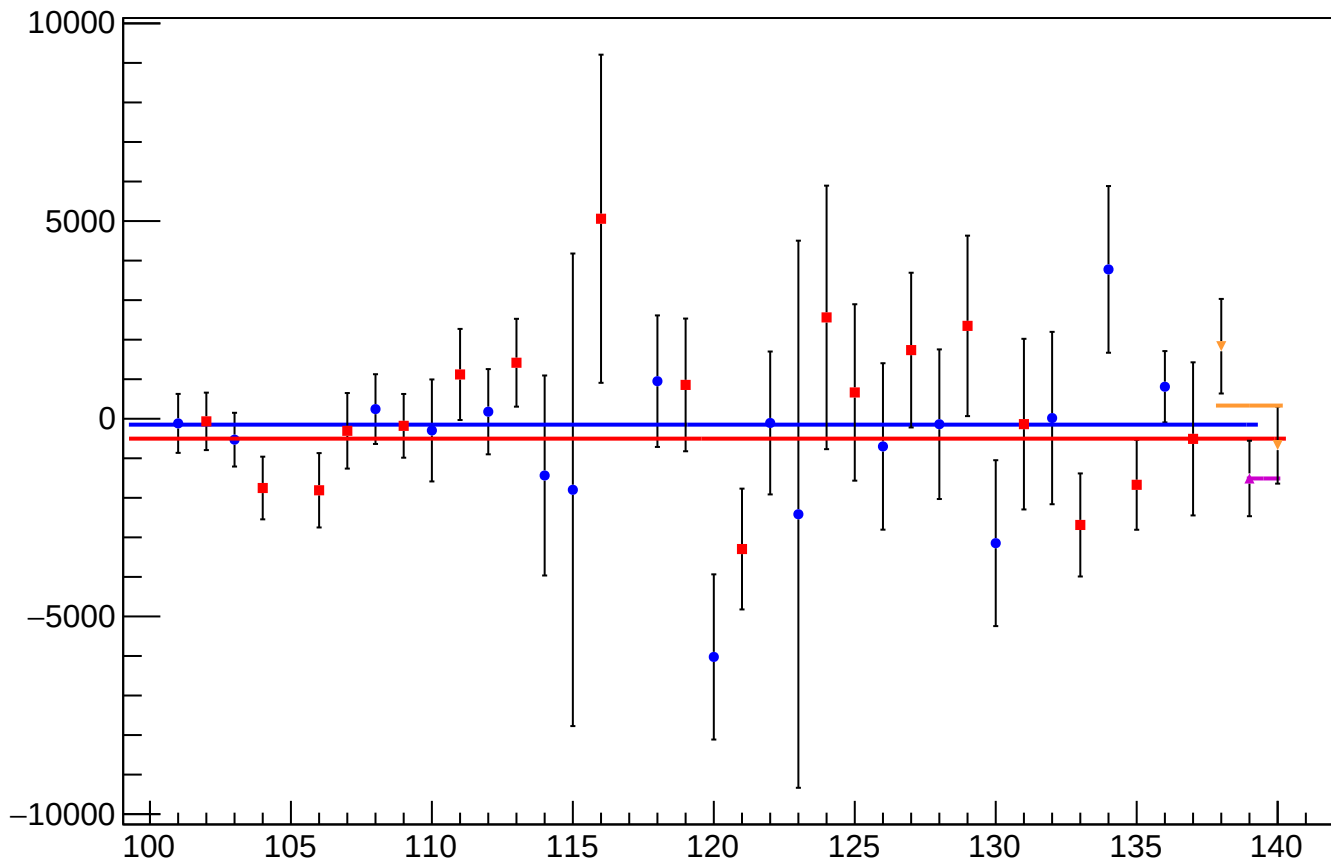
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 788.640+/-0.216 χ^2/NDF :1621927.9/17

Out: 750.044+/-0.192 χ^2/NDF :1806599.3/19

All: 767.134+/-0.144 χ^2/NDF : 3446348.4/37

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 333.501 ± 756.046 χ^2/NDF : 2.6/1

Right Out: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: -1510.517 ± 954.370 χ^2/NDF : 0.0/0

Left: -377.530 ± 592.623 χ^2/NDF : 4.9/2

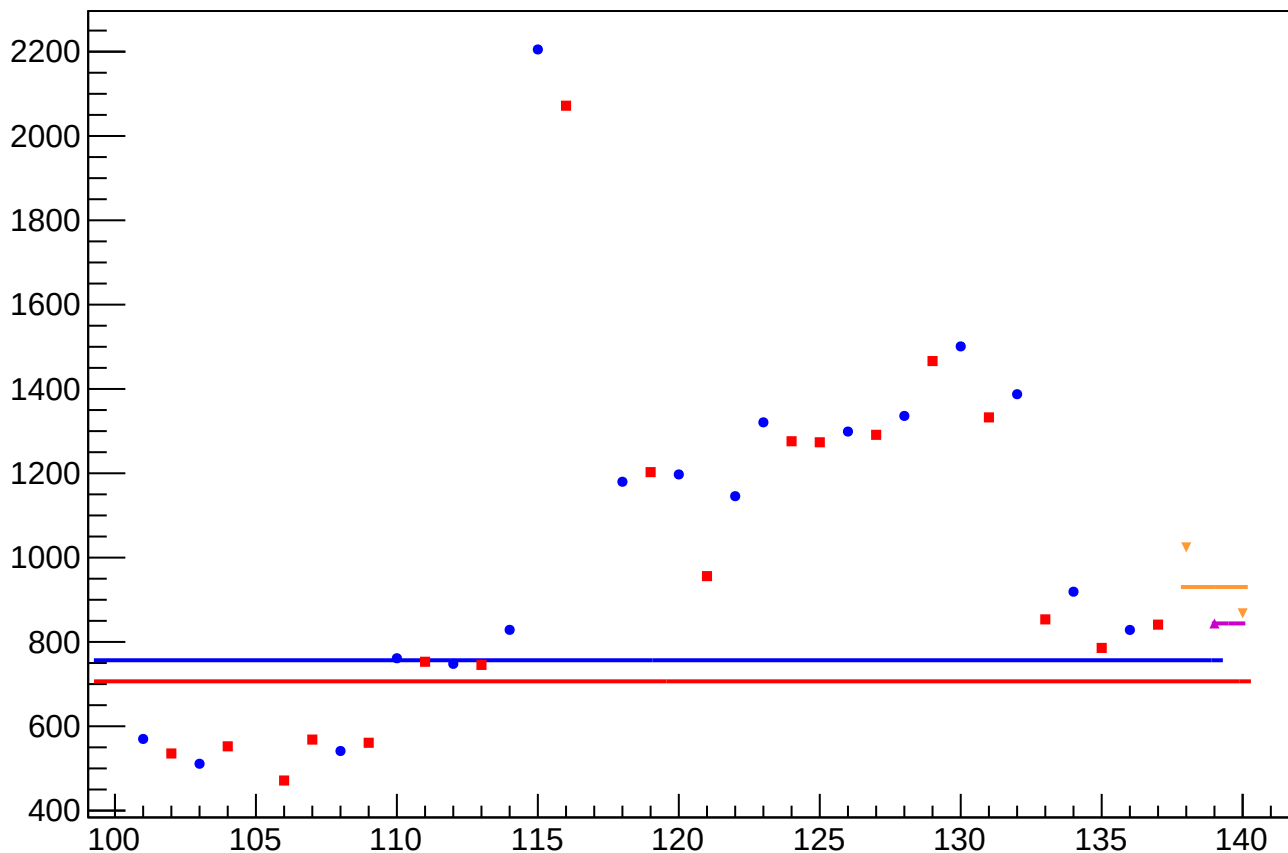
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -281.343 ± 297.382 χ^2/NDF : 18.0/17

Out: -398.565 ± 267.321 χ^2/NDF : 27.3/19

All: -346.176 ± 198.805 χ^2/NDF : 45.4/37

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 930.295 $\pm$ 0.535 χ^2 /NDF:20543.3/1

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 843.886 $\pm$ 0.675 χ^2 /NDF:0.0/0

Left: 896.977 $\pm$ 0.419 χ^2 /NDF: 30616.7/2

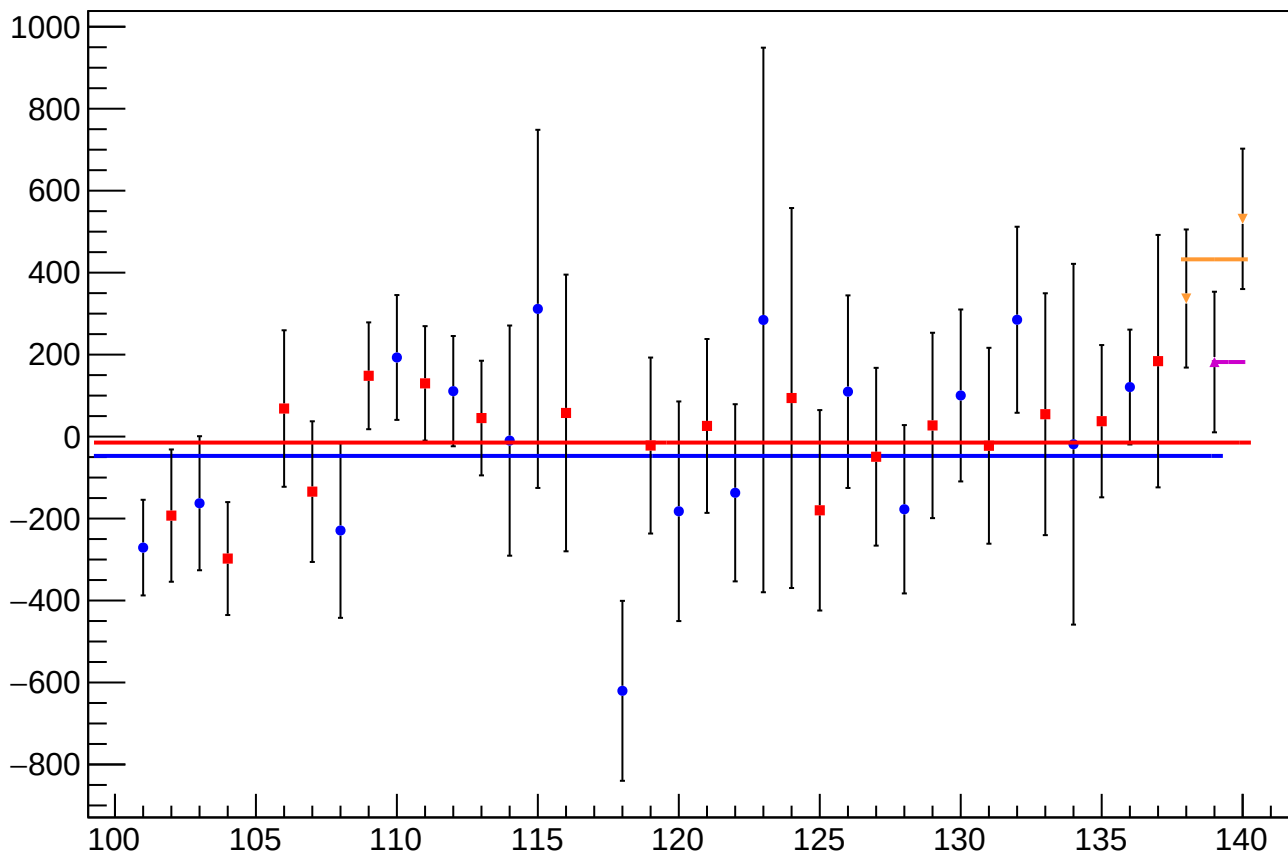
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 765.020 $\pm$ 0.210 χ^2 /NDF:1728768.4/17

Out: 734.522 $\pm$ 0.189 χ^2 /NDF:1843815.2/19

All: 748.152 $\pm$ 0.141 χ^2 /NDF: 3584217.5/37

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 432.465 $\pm$ 120.115 χ^2/NDF : 0.7/1

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 181.917 $\pm$ 171.531 χ^2/NDF : 0.0/0

Left: 350.030 $\pm$ 98.390 χ^2/NDF : 2.1/2

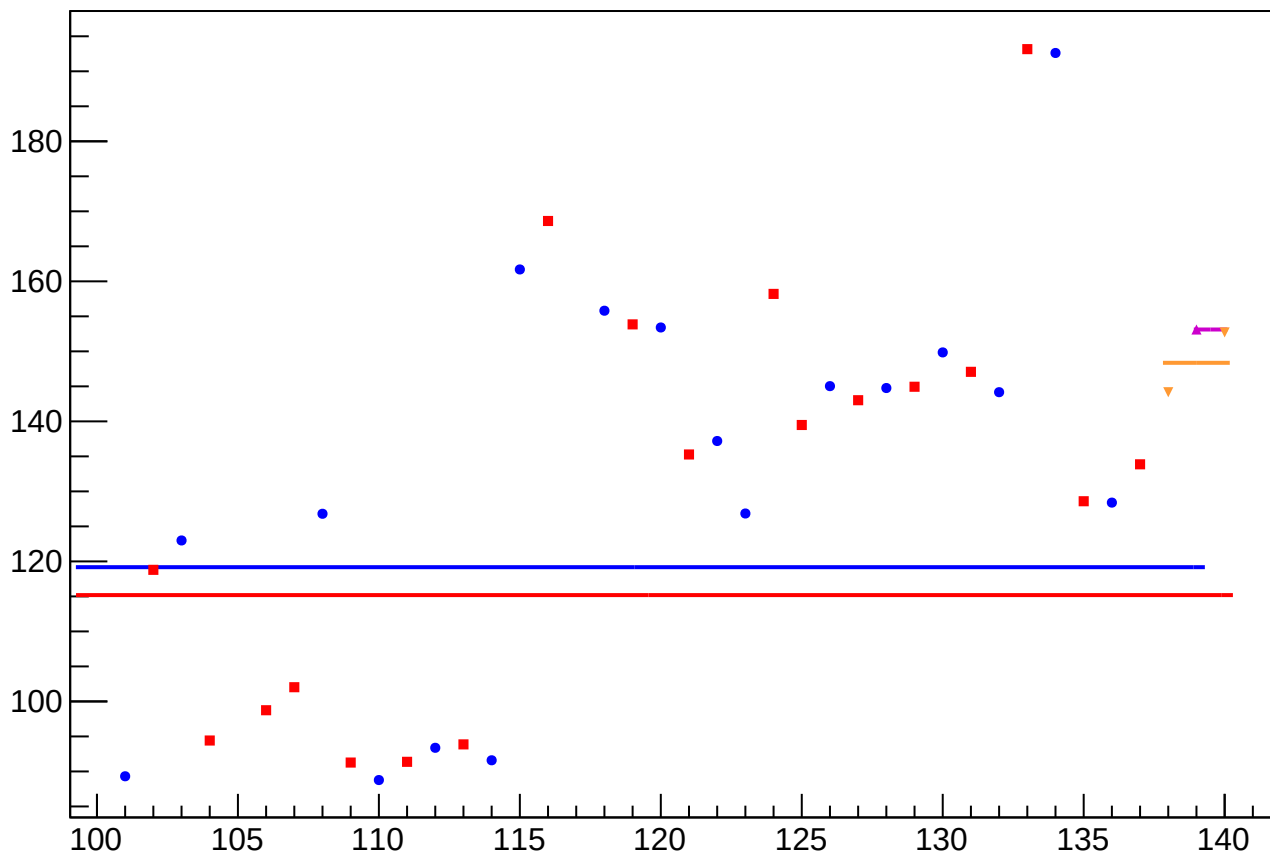
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: -30.990 $\pm$ 45.570 χ^2/NDF : 23.5/17

Out: 40.084 $\pm$ 42.016 χ^2/NDF : 23.0/19

All: 7.427 $\pm$ 30.890 χ^2/NDF : 47.8/37

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 148.364+/-0.085 χ^2/NDF :2529.6/1

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 153.121+/-0.121 χ^2/NDF :0.0/0

Left: 149.929+/-0.070 χ^2/NDF : 3561.5/2

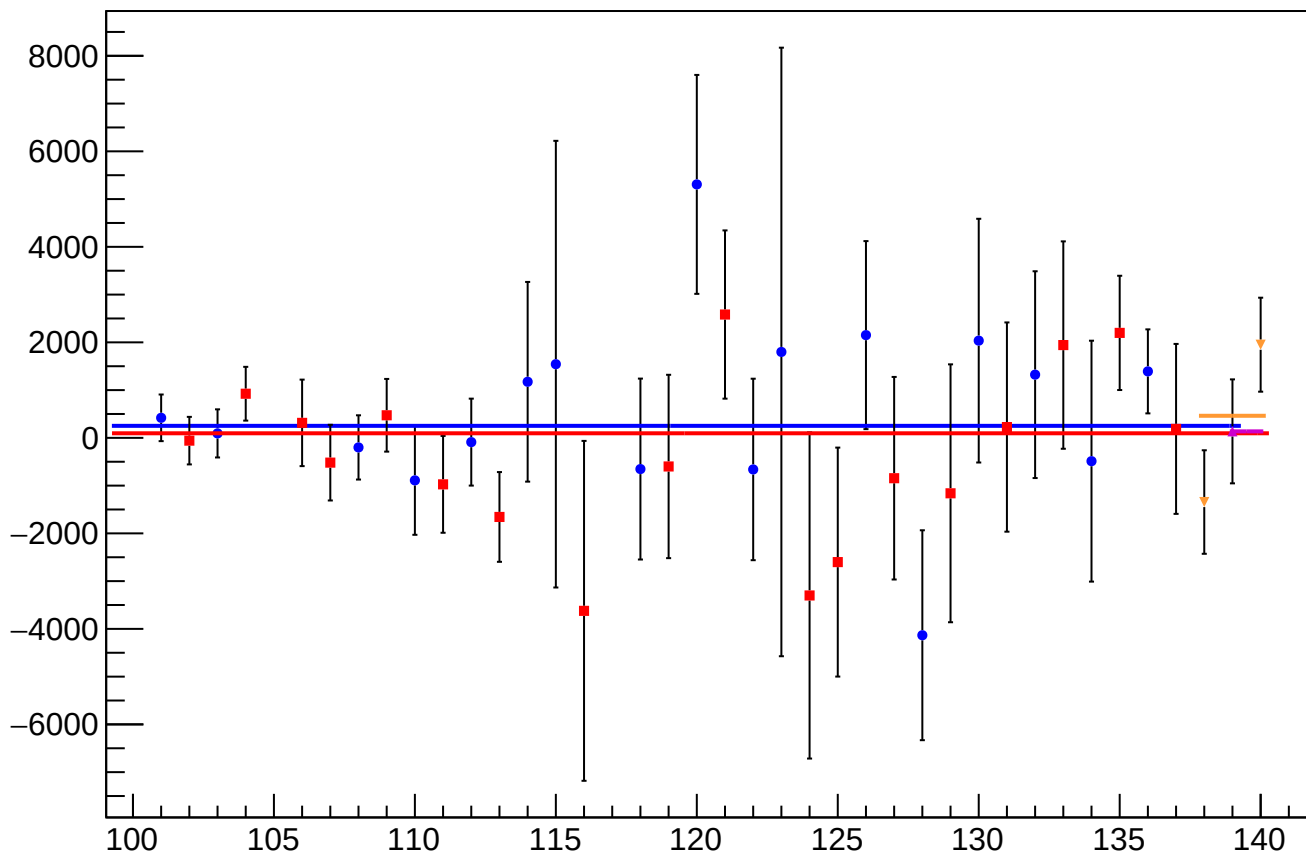
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 121.571+/-0.032 χ^2/NDF :688102.9/17

Out: 119.247+/-0.030 χ^2/NDF :812004.5/19

All: 120.315+/-0.022 χ^2/NDF : 1502919.0/37

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 462.389+/-728.548 χ^2/NDF : 5.1/1

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 136.024+/-1088.663 χ^2/NDF : 0.0/0

Left: 361.438+/-605.476 χ^2/NDF : 5.1/2

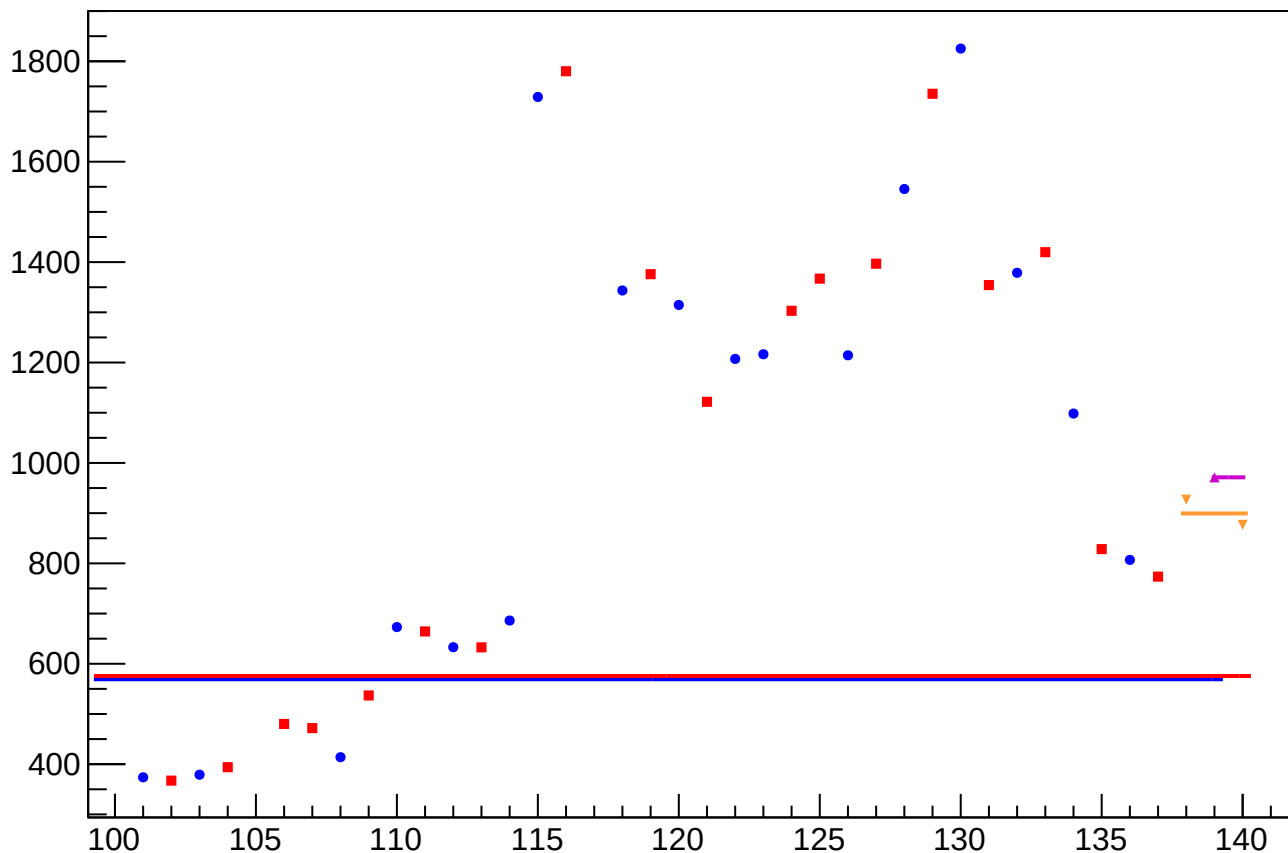
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 245.812+/-246.266 χ^2/NDF : 14.9/17

Out: 133.253+/-232.857 χ^2/NDF : 22.7/19

All: 186.385+/-169.197 χ^2/NDF : 37.7/37

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 899.377 $\pm$ 0.515 χ^2 /NDF:2352.1/1

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 971.320 $\pm$ 0.770 χ^2 /NDF:0.0/0

Left: 921.630 $\pm$ 0.428 χ^2 /NDF: 8384.7/2

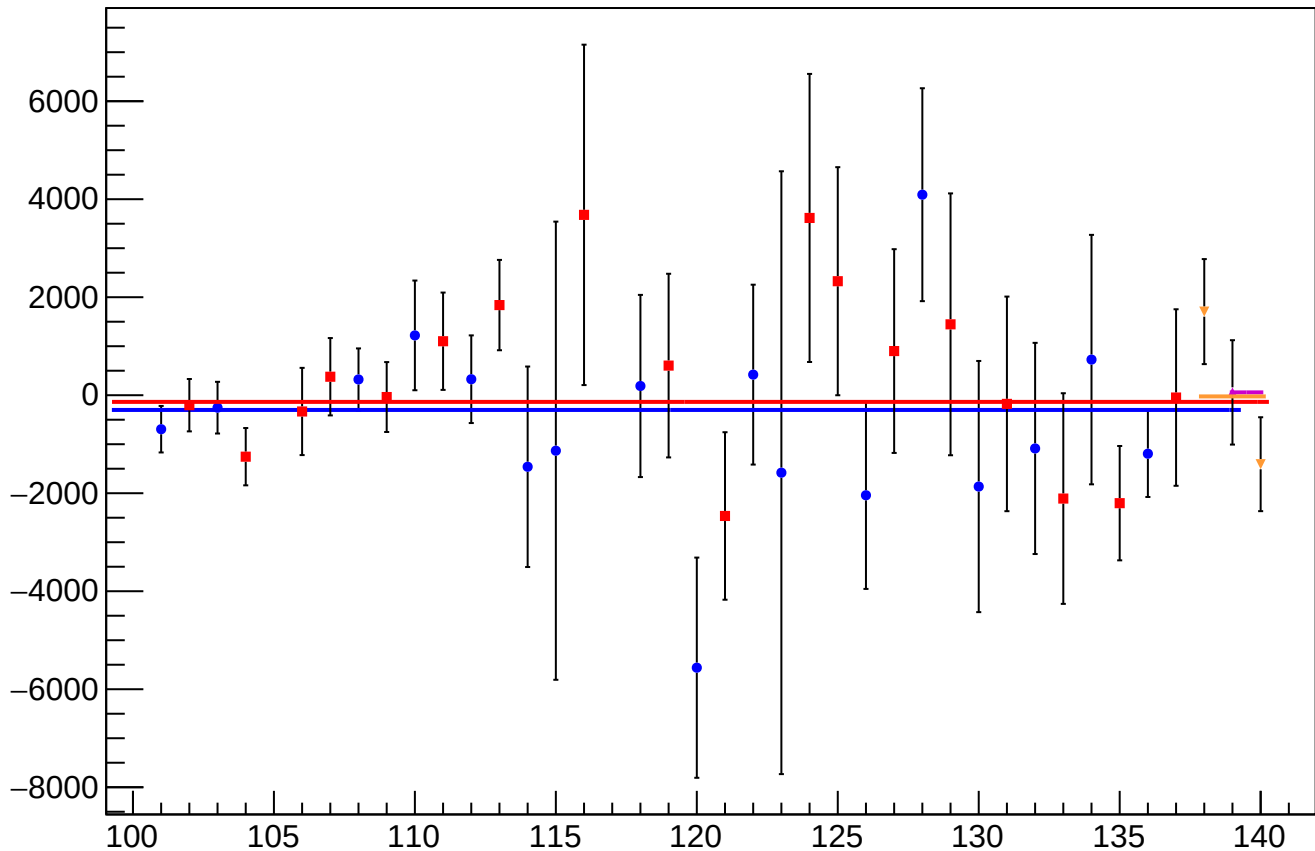
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 589.776 $\pm$ 0.174 χ^2 /NDF:3525954.1/17

Out: 608.661 $\pm$ 0.165 χ^2 /NDF:3415316.1/19

All: 599.747 $\pm$ 0.120 χ^2 /NDF: 6947479.4/37

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -24.455 ± 714.332 χ^2/NDF : 4.7/1

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 57.659 ± 1065.130 χ^2/NDF : 0.0/0

Left: 1.020 ± 593.266 χ^2/NDF : 4.7/2

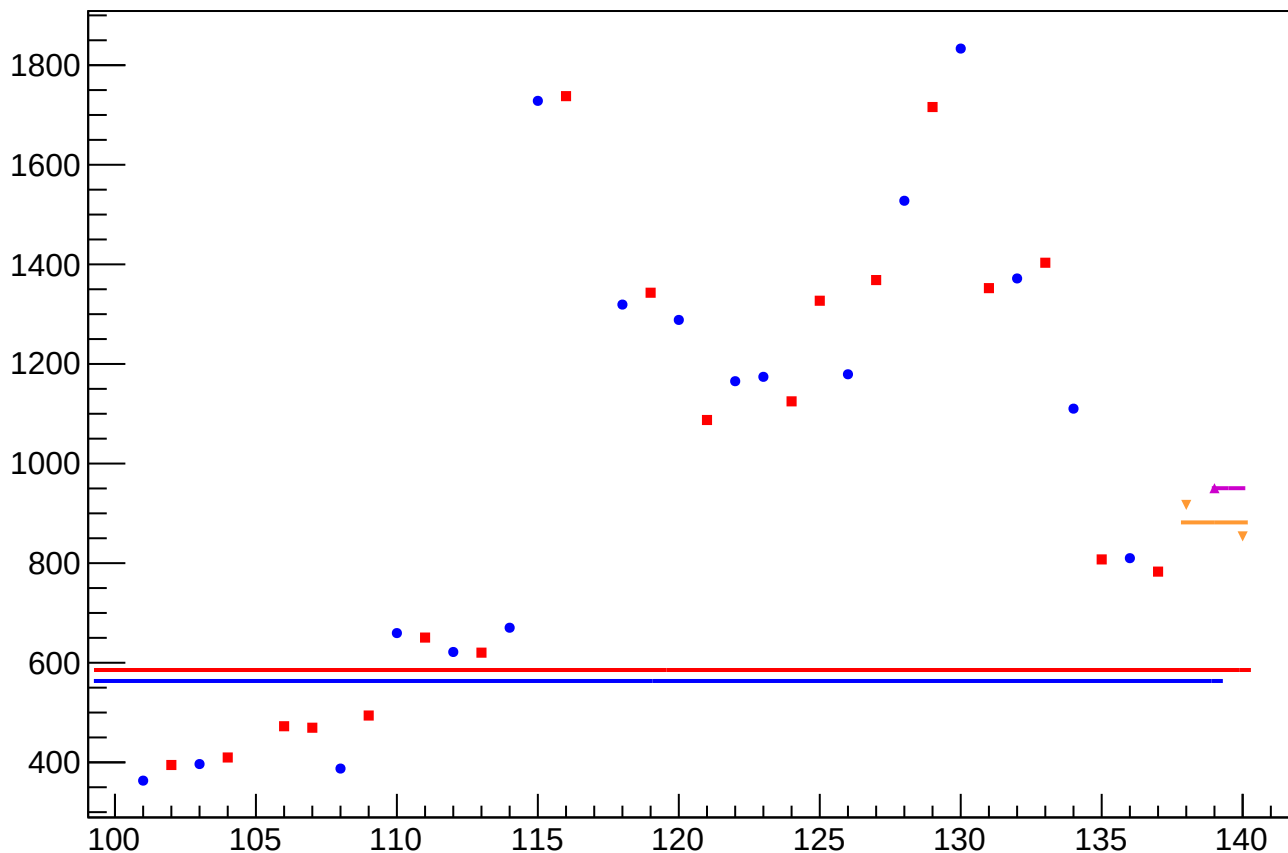
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -281.901 ± 243.665 χ^2/NDF : 16.8/17

Out: -124.123 ± 234.023 χ^2/NDF : 25.6/19

All: -199.829 ± 168.785 χ^2/NDF : 42.6/37

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 881.816+/-0.505 χ^2/NDF : 3866.9/1

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 950.521+/-0.753 χ^2/NDF : 0.0/0

Left: 903.131+/-0.420 χ^2/NDF : 9606.8/2

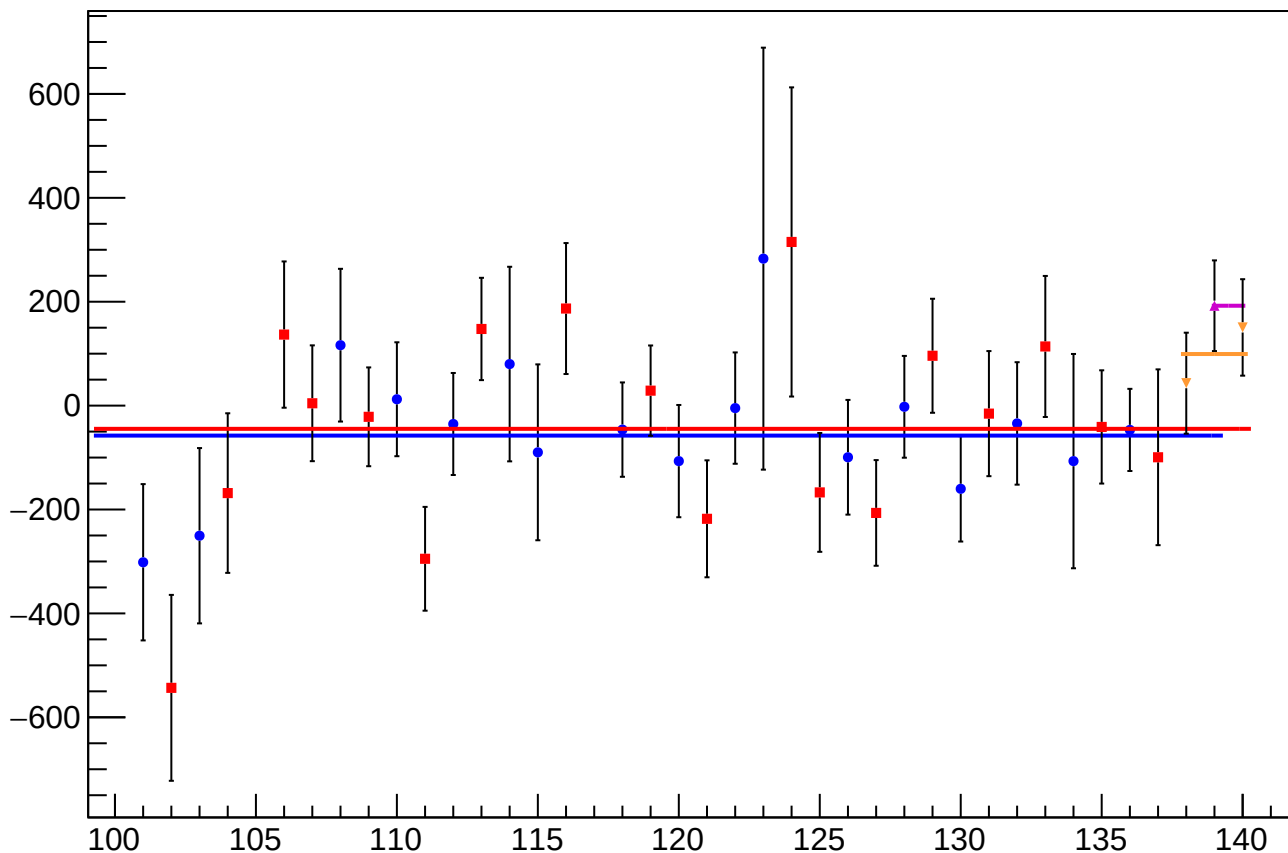
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 583.653+/-0.172 χ^2/NDF : 3509419.5/17

Out: 617.248+/-0.165 χ^2/NDF : 3129345.4/19

All: 601.128+/-0.119 χ^2/NDF : 6658541.6/37

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 99.315 ± 67.132 $\chi^2/\text{NDF}: 0.6/1$

Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$

Left In: 192.284 ± 87.284 $\chi^2/\text{NDF}: 0.0/0$

Left: 133.870 ± 53.213 $\chi^2/\text{NDF}: 1.4/2$

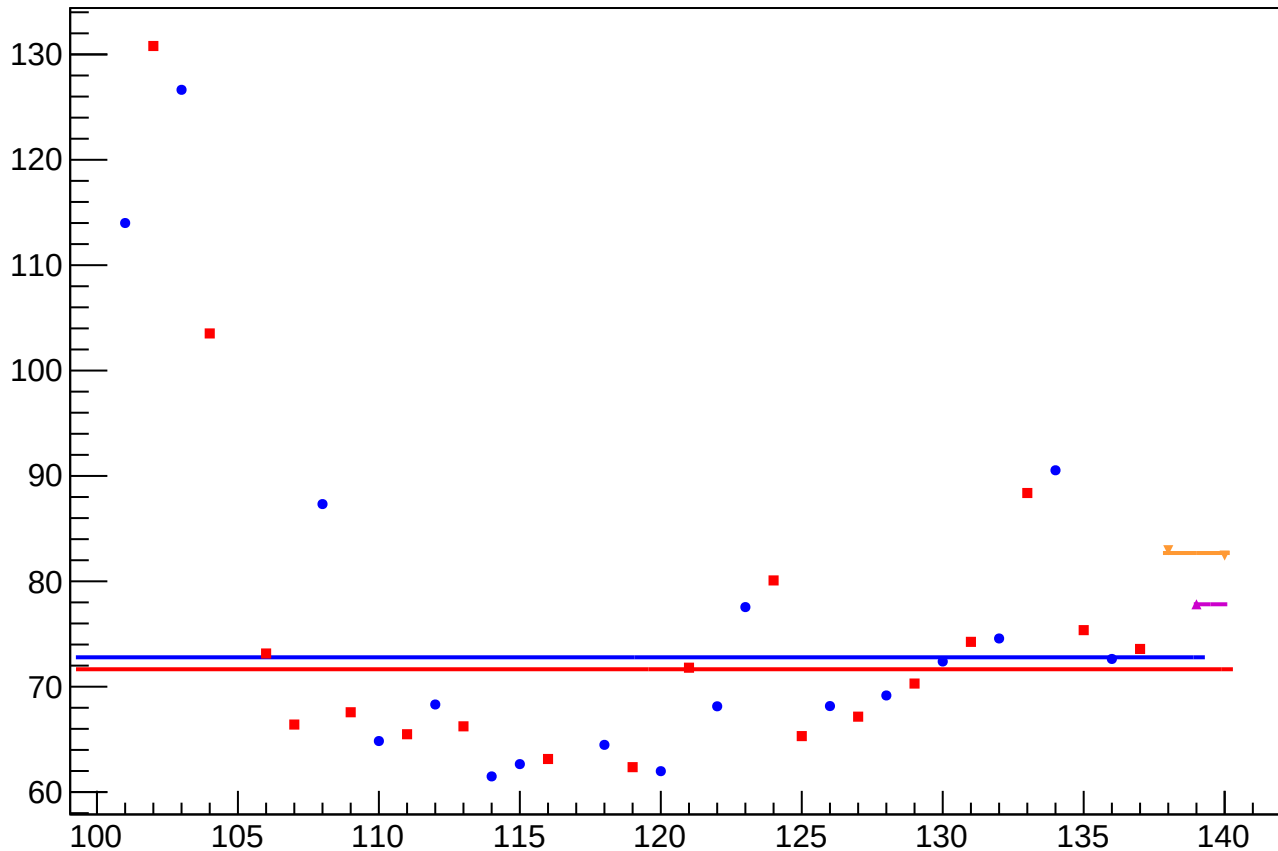
Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$

In: -33.327 ± 27.258 $\chi^2/\text{NDF}: 16.5/17$

Out: -23.727 ± 25.615 $\chi^2/\text{NDF}: 39.7/19$

All: -28.229 ± 18.666 $\chi^2/\text{NDF}: 56.4/37$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 82.686+/-0.047 χ^2/NDF : 28.4/1

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 77.821+/-0.062 χ^2/NDF : 0.0/0

Left: 80.878+/-0.038 χ^2/NDF : 3932.6/2

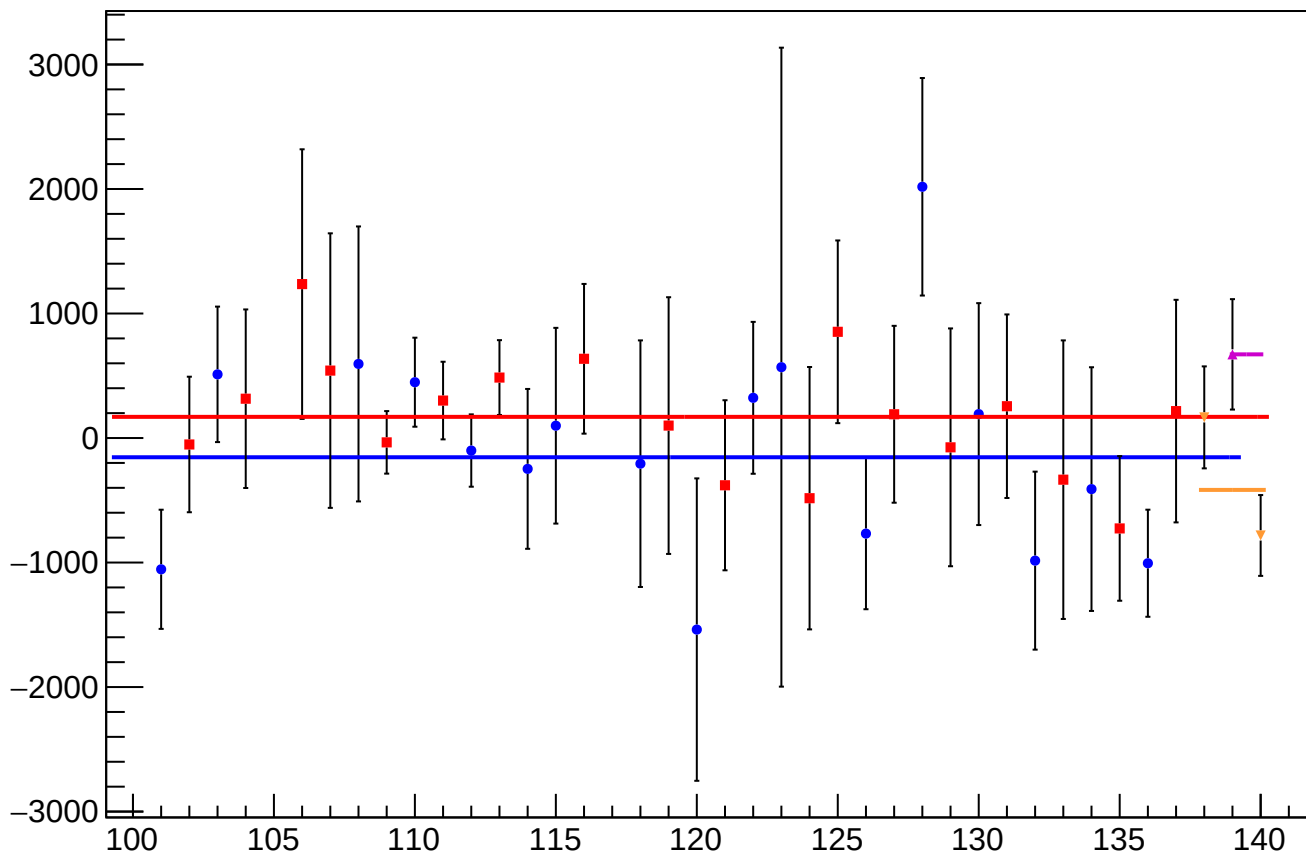
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 73.280+/-0.019 χ^2/NDF : 470769.5/17

Out: 73.261+/-0.018 χ^2/NDF : 450542.2/19

All: 73.270+/-0.013 χ^2/NDF : 921312.2/37

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -416.670+/-254.392 χ^2/NDF : 3.3/1

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: 671.988+/-443.388 χ^2/NDF : 0.0/0

Left: -147.054+/-220.654 χ^2/NDF : 7.8/2

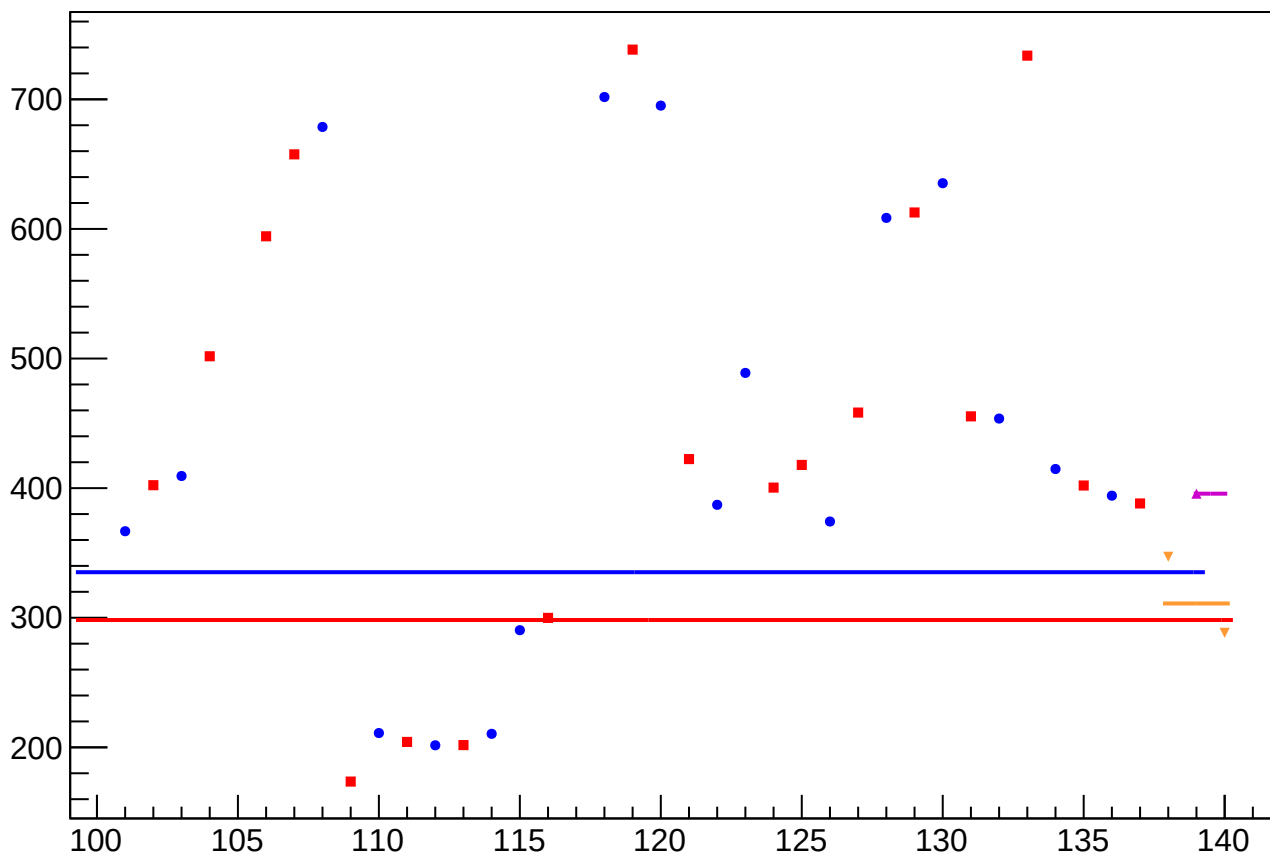
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -78.801+/-134.110 χ^2/NDF : 26.3/17

Out: 54.127+/-113.068 χ^2/NDF : 16.0/19

All: -1.102+/-86.445 χ^2/NDF : 42.9/37

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 311.009+/-0.180 χ^2/NDF : 25205.0/1

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 395.731+/-0.314 χ^2/NDF : 0.0/0

Left: 331.991+/-0.156 χ^2/NDF : 80142.9/2

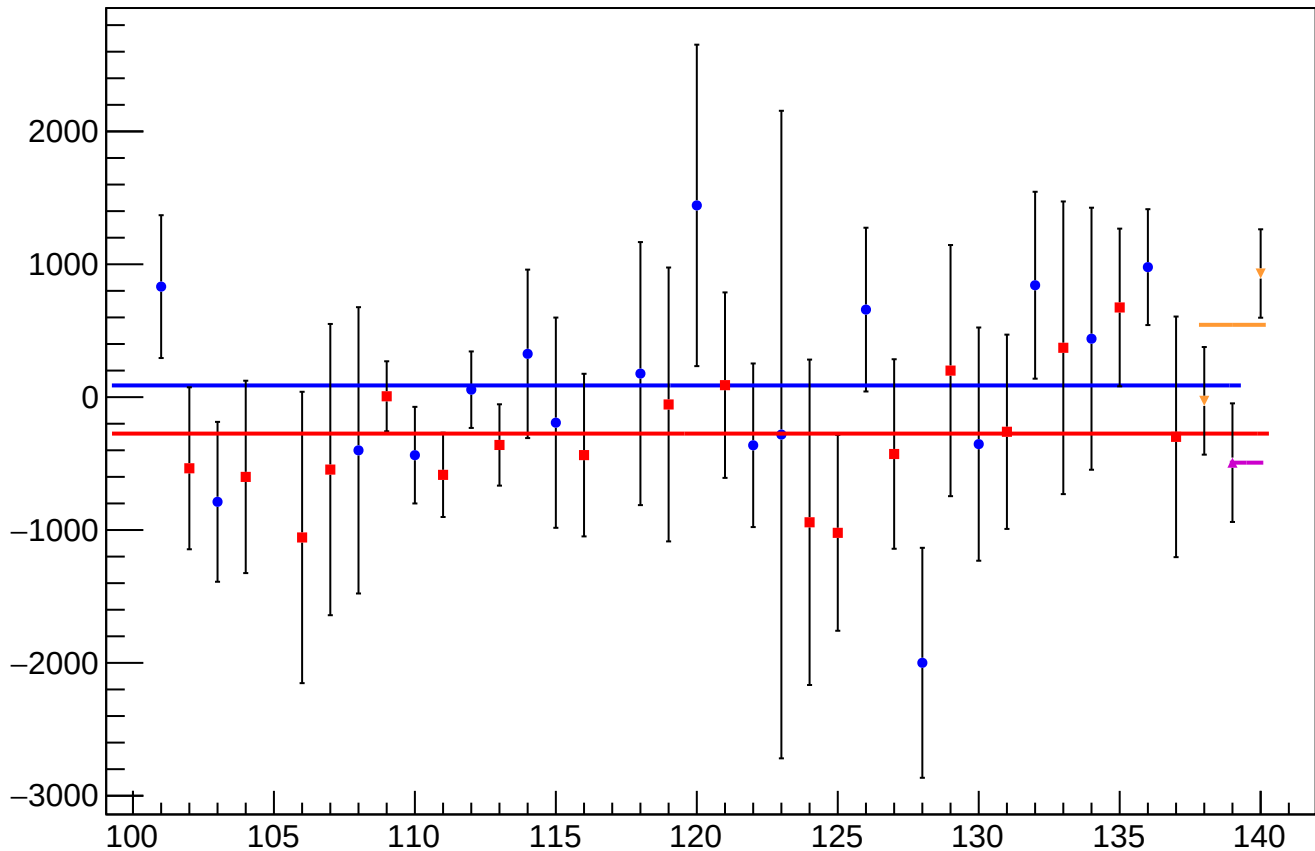
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 340.678+/-0.095 χ^2/NDF : 2027983.6/17

Out: 300.773+/-0.080 χ^2/NDF : 2805795.7/19

All: 317.353+/-0.061 χ^2/NDF : 4937283.0/37

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 544.341+/-257.117 χ^2/NDF : 3.3/1

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: -493.102+/-446.341 χ^2/NDF : 0.0/0

Left: 285.853+/-222.795 χ^2/NDF : 7.4/2

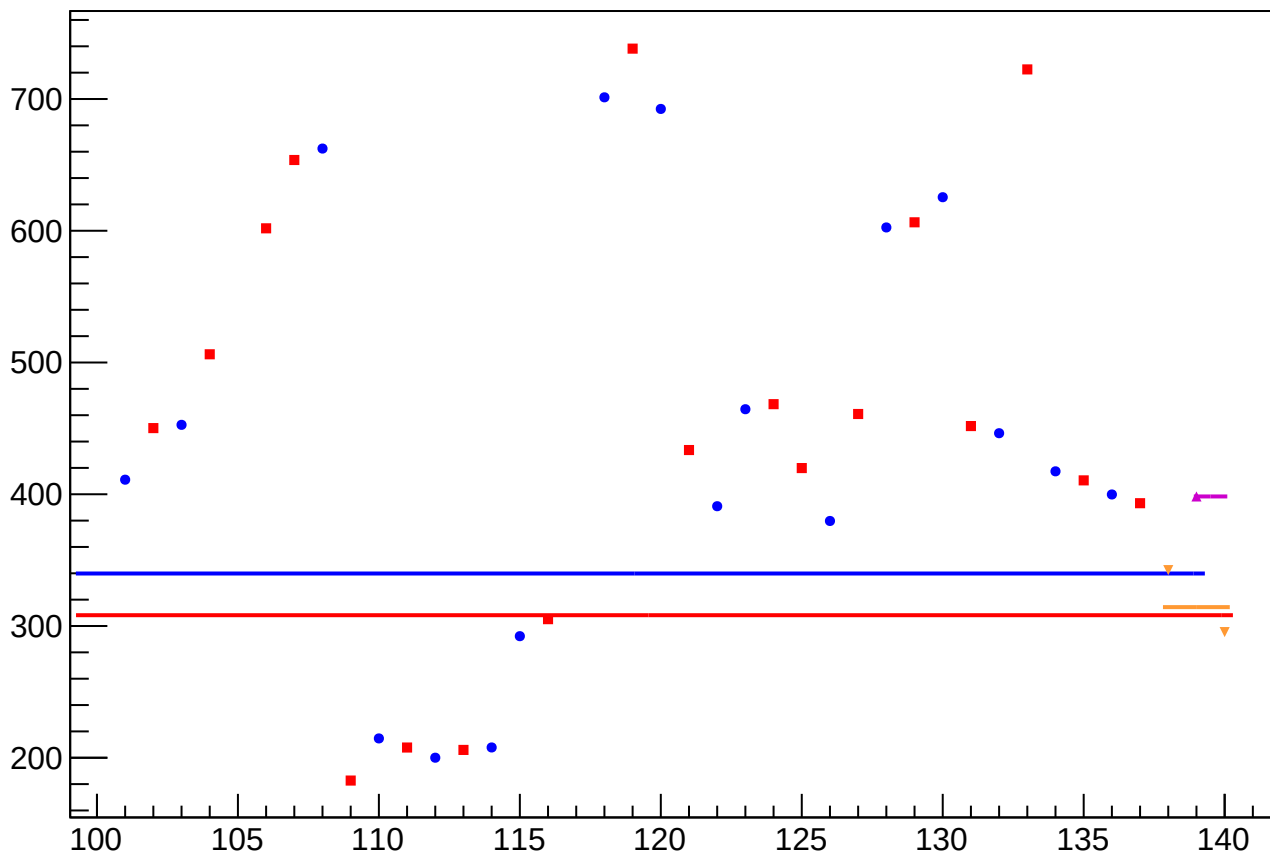
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 33.998+/-136.197 χ^2/NDF : 22.3/17

Out: -107.936+/-115.919 χ^2/NDF : 19.5/19

All: -48.312+/-88.275 χ^2/NDF : 42.4/37

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 314.332 $\pm$ 0.182 χ^2 /NDF:16102.2/1

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 398.333 $\pm$ 0.316 χ^2 /NDF:0.0/0

Left: 335.262 $\pm$ 0.158 χ^2 /NDF: 69290.1/2

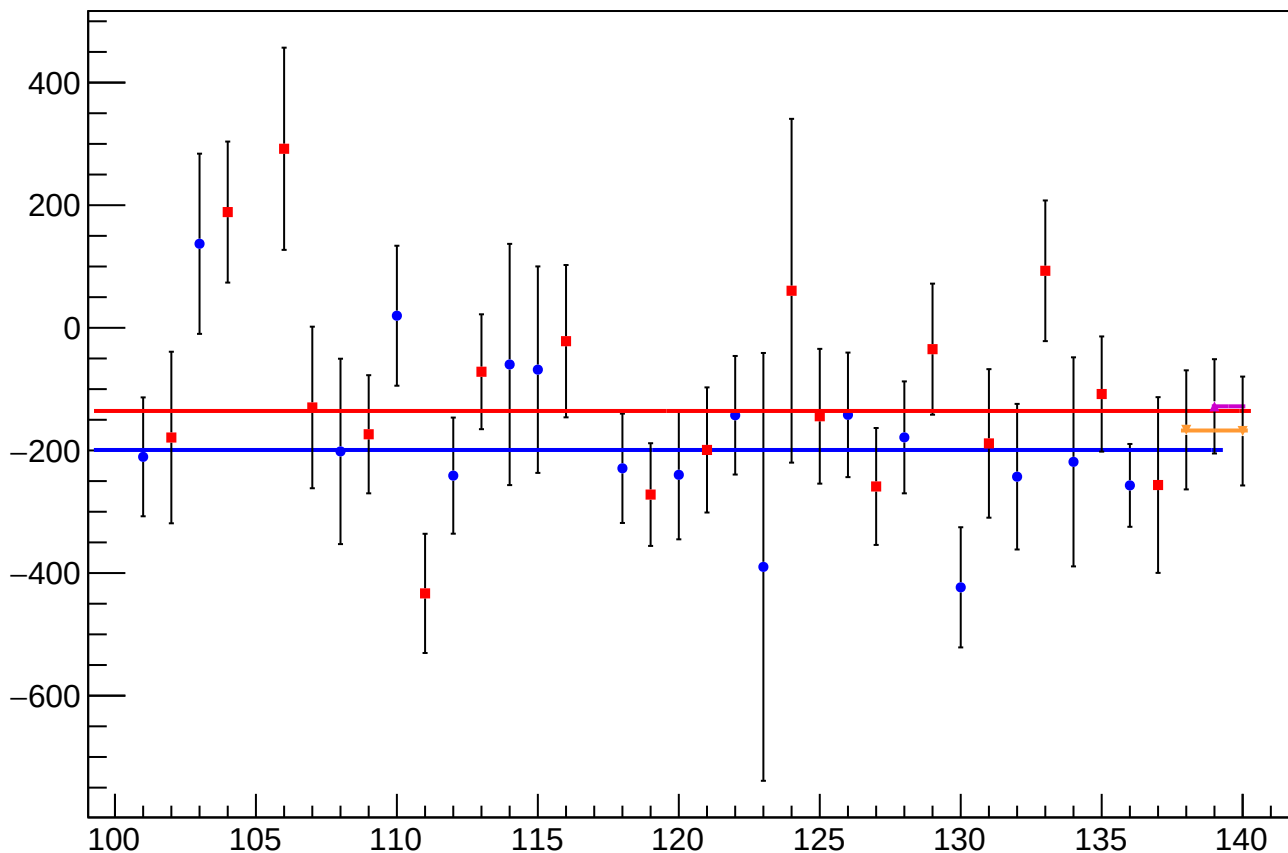
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 345.295 $\pm$ 0.096 χ^2 /NDF:2074662.5/17

Out: 309.446 $\pm$ 0.082 χ^2 /NDF:2715837.8/19

All: 324.506 $\pm$ 0.062 χ^2 /NDF: 4870857.9/37

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 χ^2/NDF : 17.6/16

Left Out: -167.473 ± 65.534 χ^2/NDF : 0.0/1

Right Out: -135.623 ± 26.252 χ^2/NDF : 36.7/17

Left In: -128.061 ± 76.894 χ^2/NDF : 0.0/0

Left: -150.891 ± 49.877 χ^2/NDF : 0.2/2

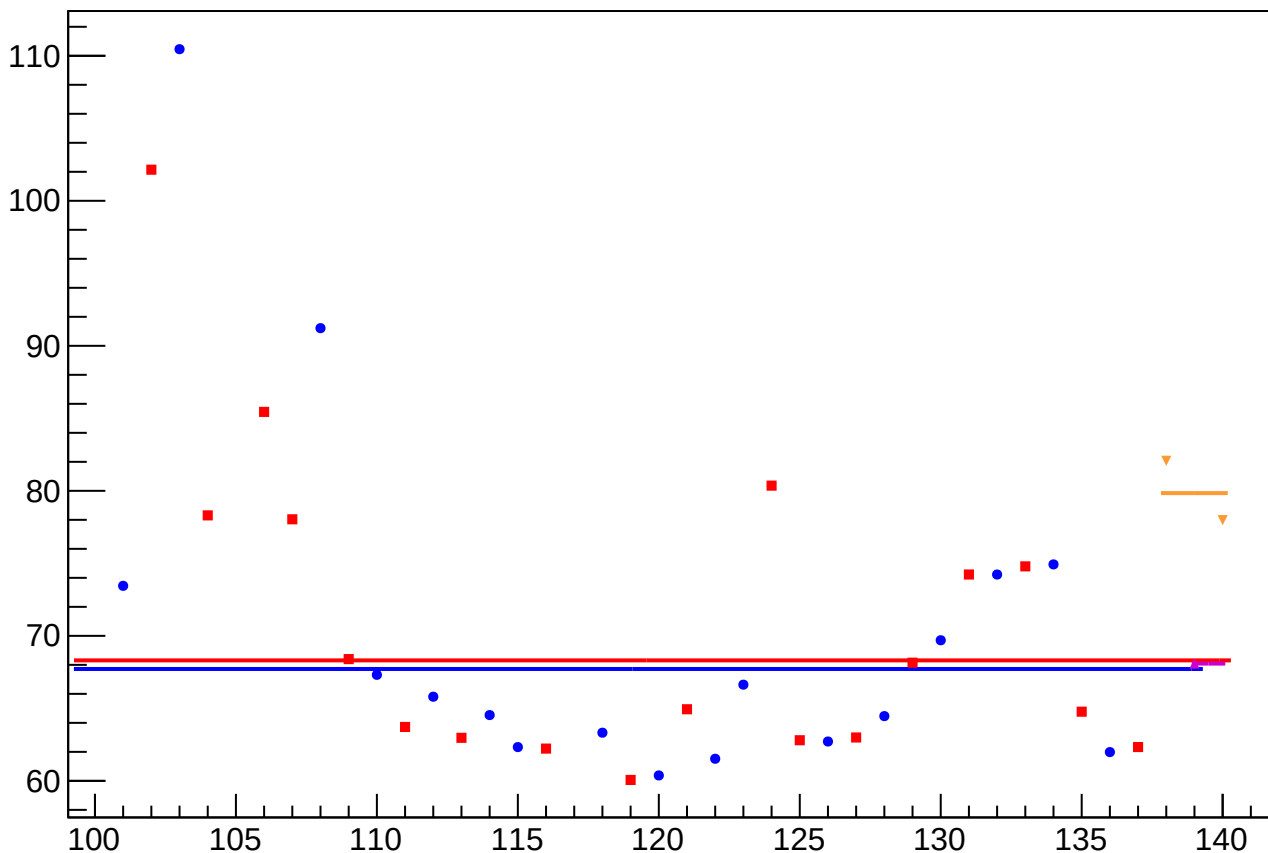
Right: -167.121 ± 18.655 χ^2/NDF : 57.2/34

In: -191.686 ± 25.067 χ^2/NDF : 18.4/17

Out: -140.027 ± 24.370 χ^2/NDF : 36.9/19

All: -165.129 ± 17.473 χ^2/NDF : 57.4/37

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 79.843 $\pm$ 0.046 χ^2 /NDF:1932.7/1

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 68.087 $\pm$ 0.054 χ^2 /NDF:0.0/0

Left: 74.897 $\pm$ 0.035 χ^2 /NDF: 29014.4/2

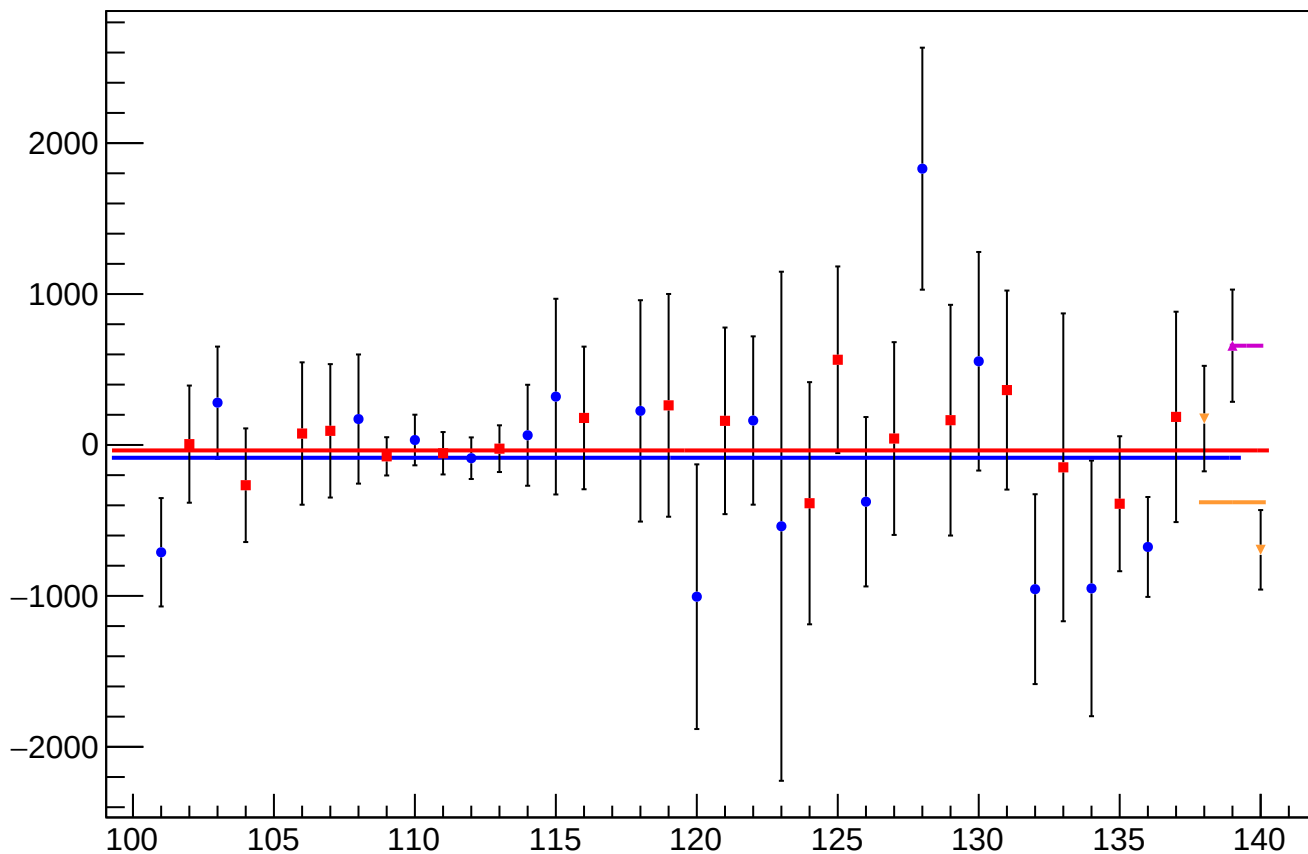
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 67.755 $\pm$ 0.018 χ^2 /NDF:282934.2/17

Out: 69.903 $\pm$ 0.017 χ^2 /NDF:289639.1/19

All: 68.859 $\pm$ 0.012 χ^2 /NDF: 580128.0/37

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -379.599 ± 210.359 $\chi^2/\text{NDF}: 3.9/1$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 657.713 ± 371.838 $\chi^2/\text{NDF}: 0.0/0$

Left: -128.102 ± 183.091 $\chi^2/\text{NDF}: 9.8/2$

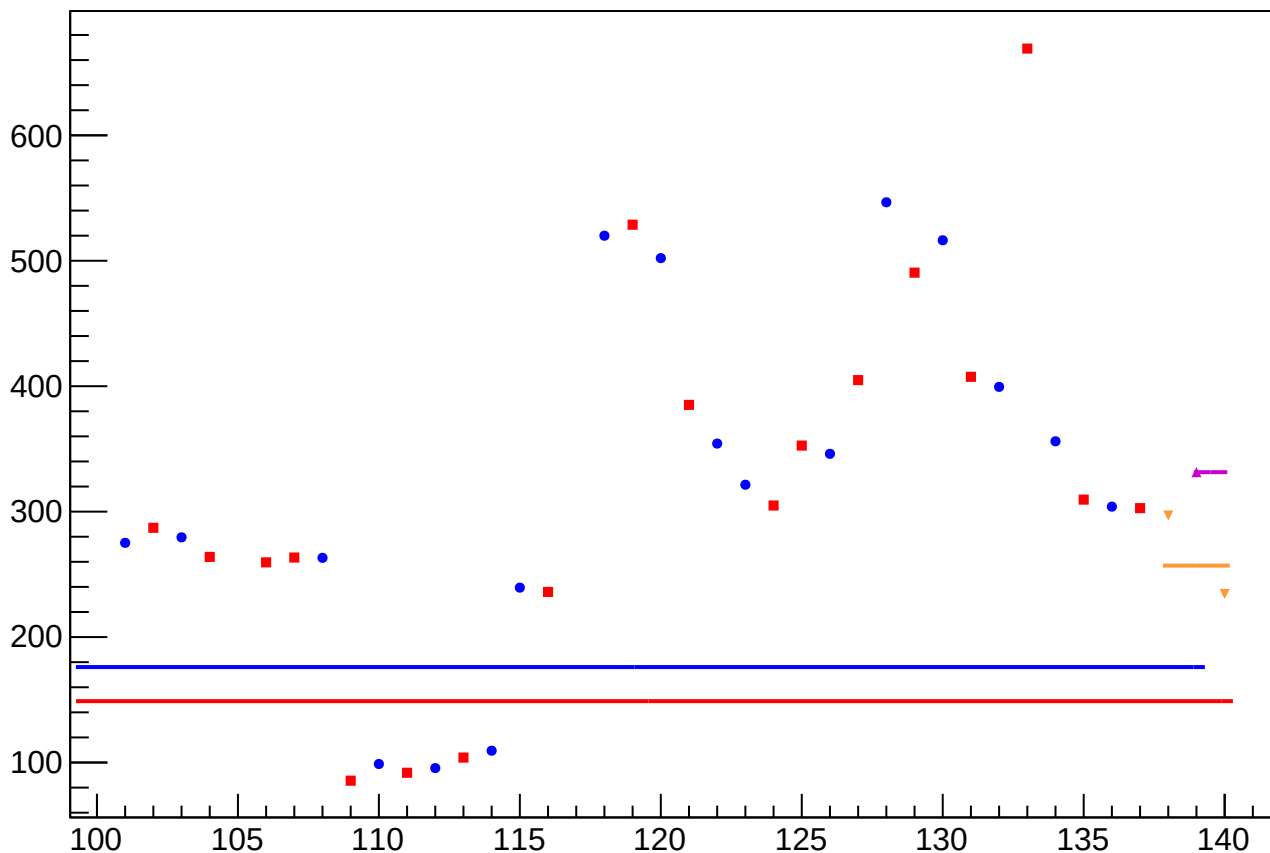
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -49.789 ± 80.697 $\chi^2/\text{NDF}: 23.7/17$

Out: -70.154 ± 66.205 $\chi^2/\text{NDF}: 9.8/19$

All: -61.961 ± 51.184 $\chi^2/\text{NDF}: 33.5/37$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 257.003 $\pm$ 0.149 χ^2 /NDF: 40912.4/1

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 331.462 $\pm$ 0.263 χ^2 /NDF: 0.0/0

Left: 275.056 $\pm$ 0.129 χ^2 /NDF: 101665.7/2

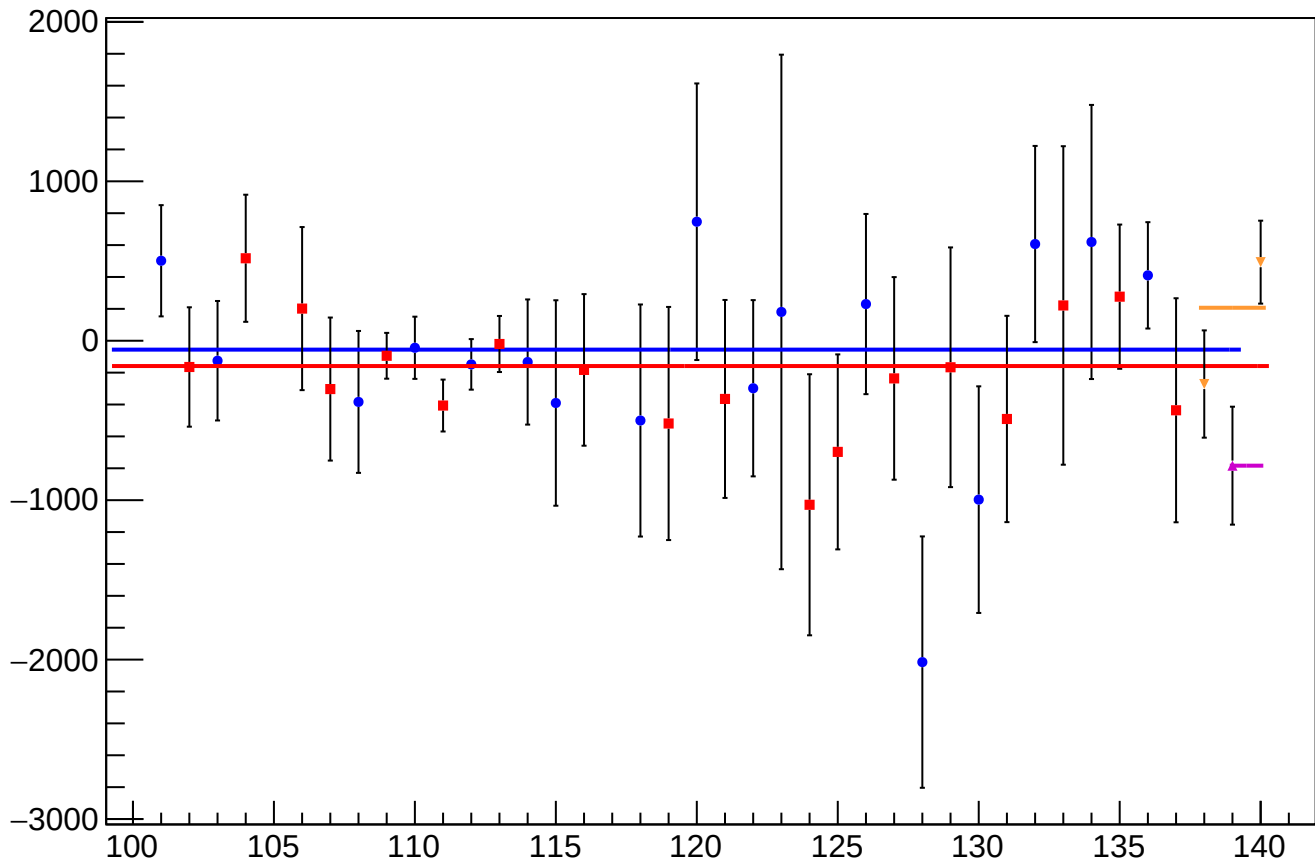
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 183.414 $\pm$ 0.057 χ^2 /NDF: 4556373.8/17

Out: 159.637 $\pm$ 0.047 χ^2 /NDF: 5287415.0/19

All: 169.202 $\pm$ 0.036 χ^2 /NDF: 9947570.6/37

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 206.913 ± 205.804 χ^2/NDF : 3.2/1

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -783.561 ± 369.921 χ^2/NDF : 0.0/0

Left: -27.196 ± 179.845 χ^2/NDF : 8.7/2

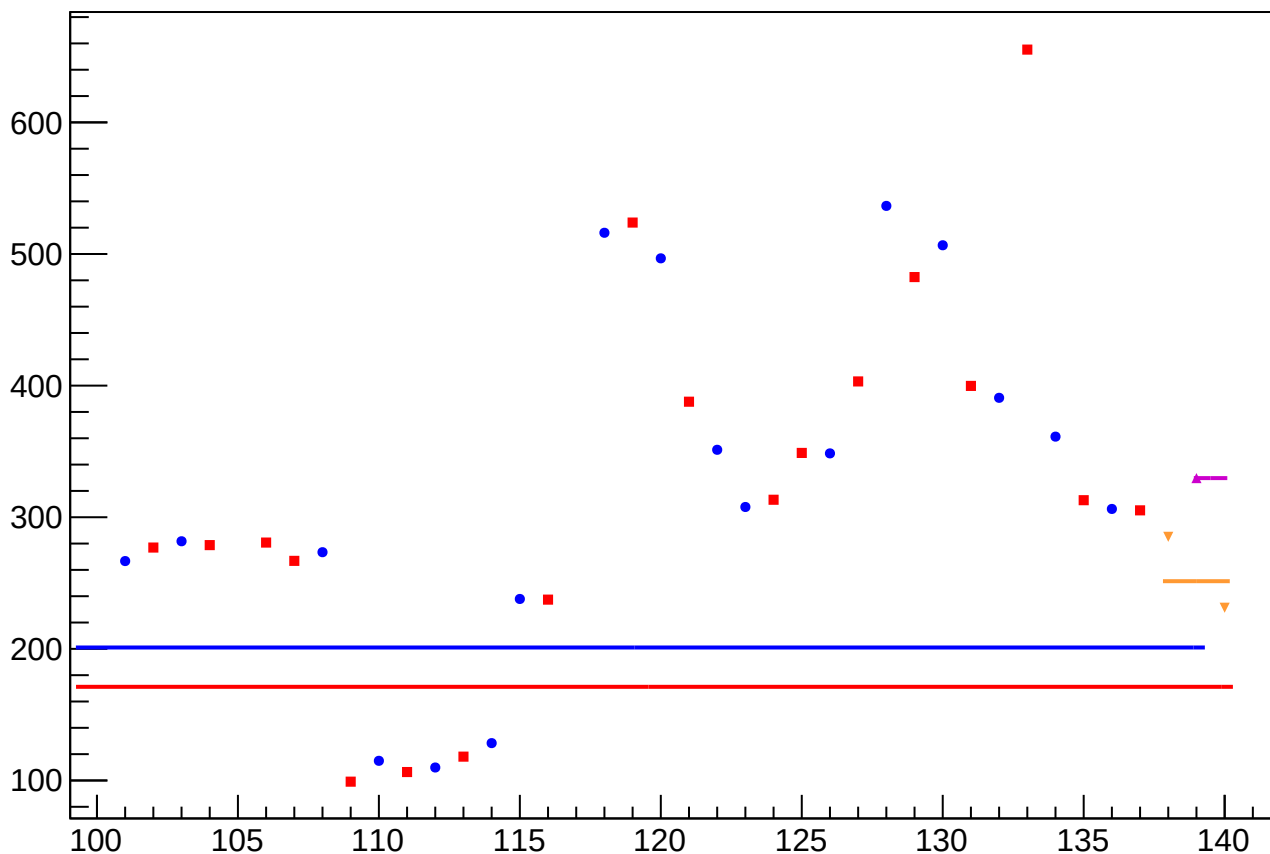
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -96.888 ± 87.974 χ^2/NDF : 20.8/17

Out: -113.710 ± 72.177 χ^2/NDF : 16.4/19

All: -106.942 ± 55.800 χ^2/NDF : 37.2/37

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 251.409+/-0.146 χ^2/NDF :32102.5/1

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 329.735+/-0.262 χ^2/NDF :0.0/0

Left: 269.922+/-0.127 χ^2/NDF : 100573.2/2

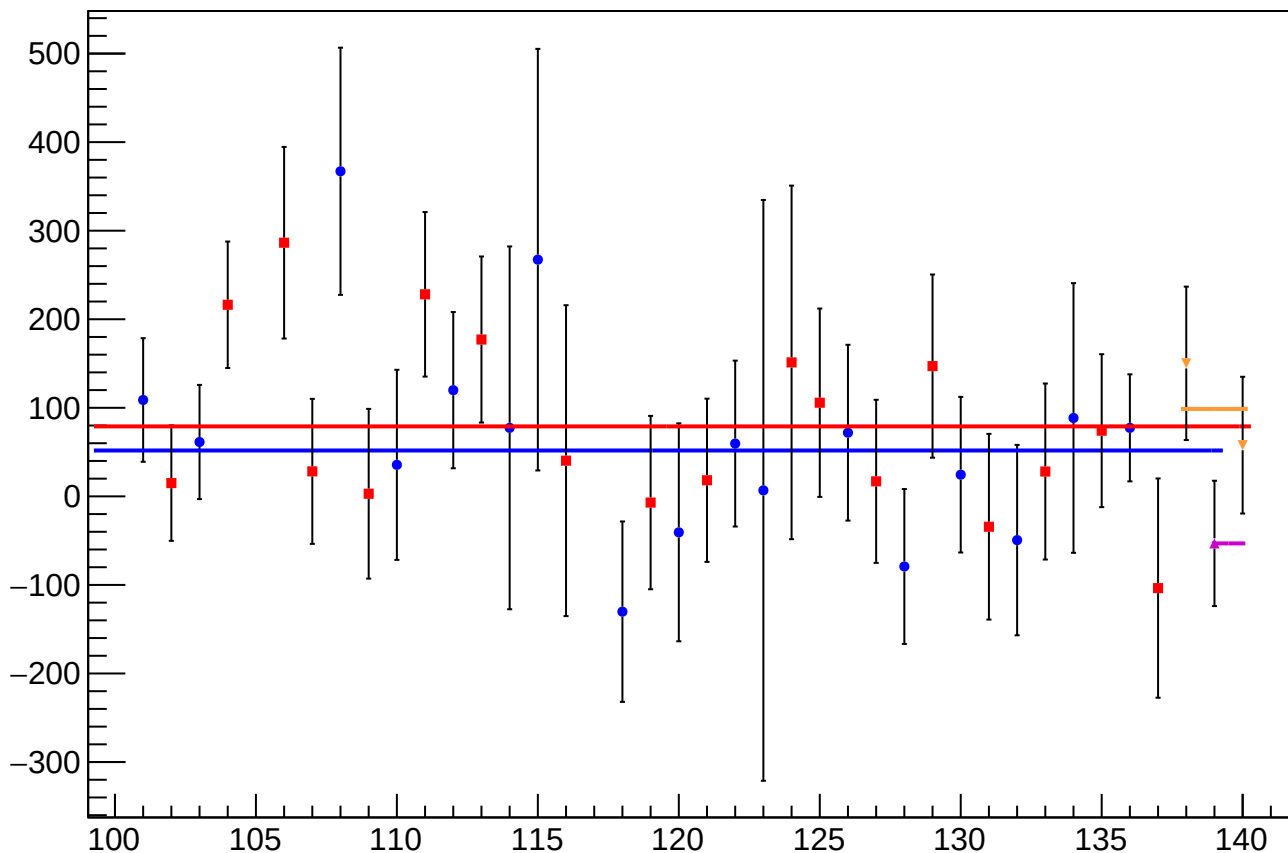
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 208.315+/-0.062 χ^2/NDF :3661413.6/17

Out: 181.029+/-0.051 χ^2/NDF :4364397.3/19

All: 192.007+/-0.039 χ^2/NDF : 8140803.7/37

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 98.732 $\pm$ 57.641 χ^2 /NDF:0.6/1

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: -53.121 $\pm$ 70.755 χ^2 /NDF:0.0/0

Left: 38.156 $\pm$ 44.689 χ^2 /NDF: 3.4/2

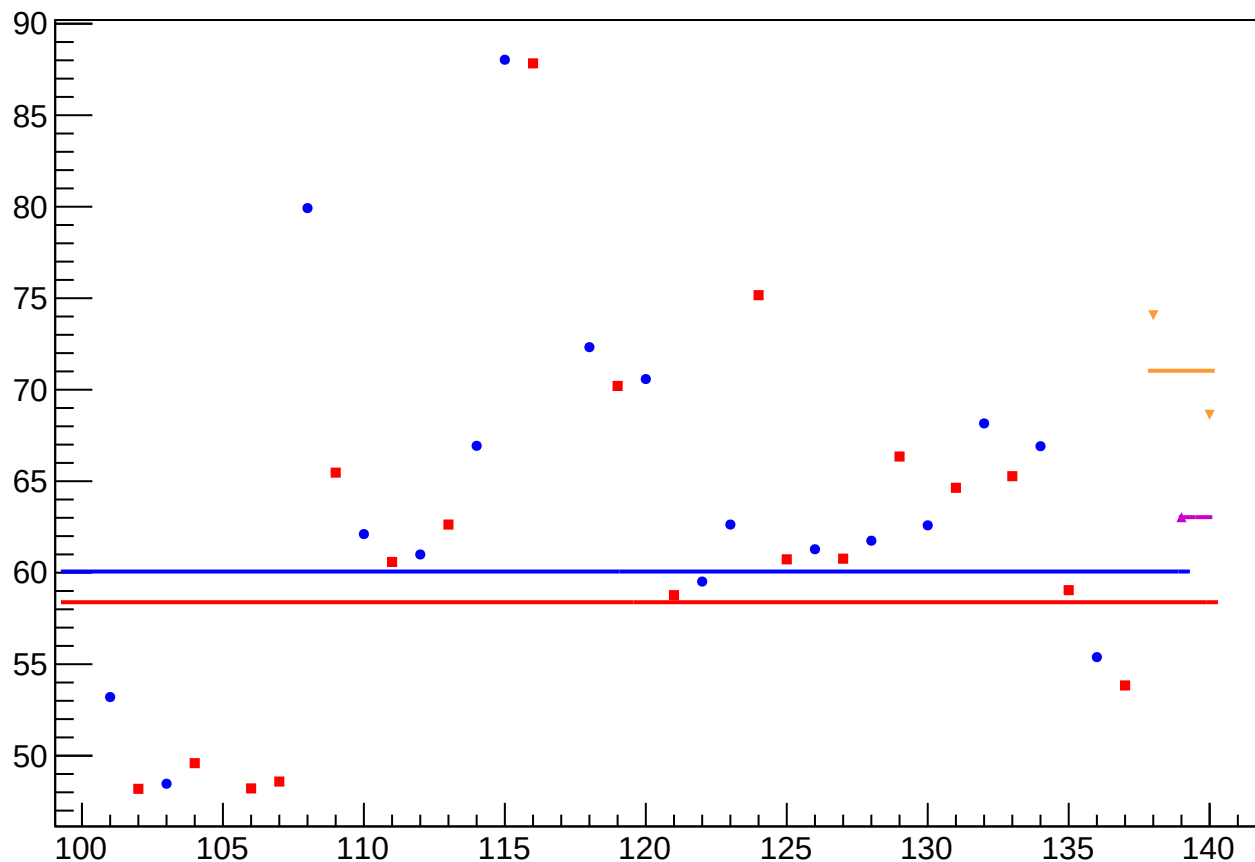
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 41.345 $\pm$ 22.335 χ^2 /NDF:16.5/17

Out: 81.616 $\pm$ 20.959 χ^2 /NDF:19.7/19

All: 62.759 $\pm$ 15.283 χ^2 /NDF: 38.0/37

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 71.036 $\pm$ 0.041 χ^2 /NDF: 4390.1/1

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 63.036 $\pm$ 0.050 χ^2 /NDF: 0.0/0

Left: 67.844 $\pm$ 0.032 χ^2 /NDF: 19757.9/2

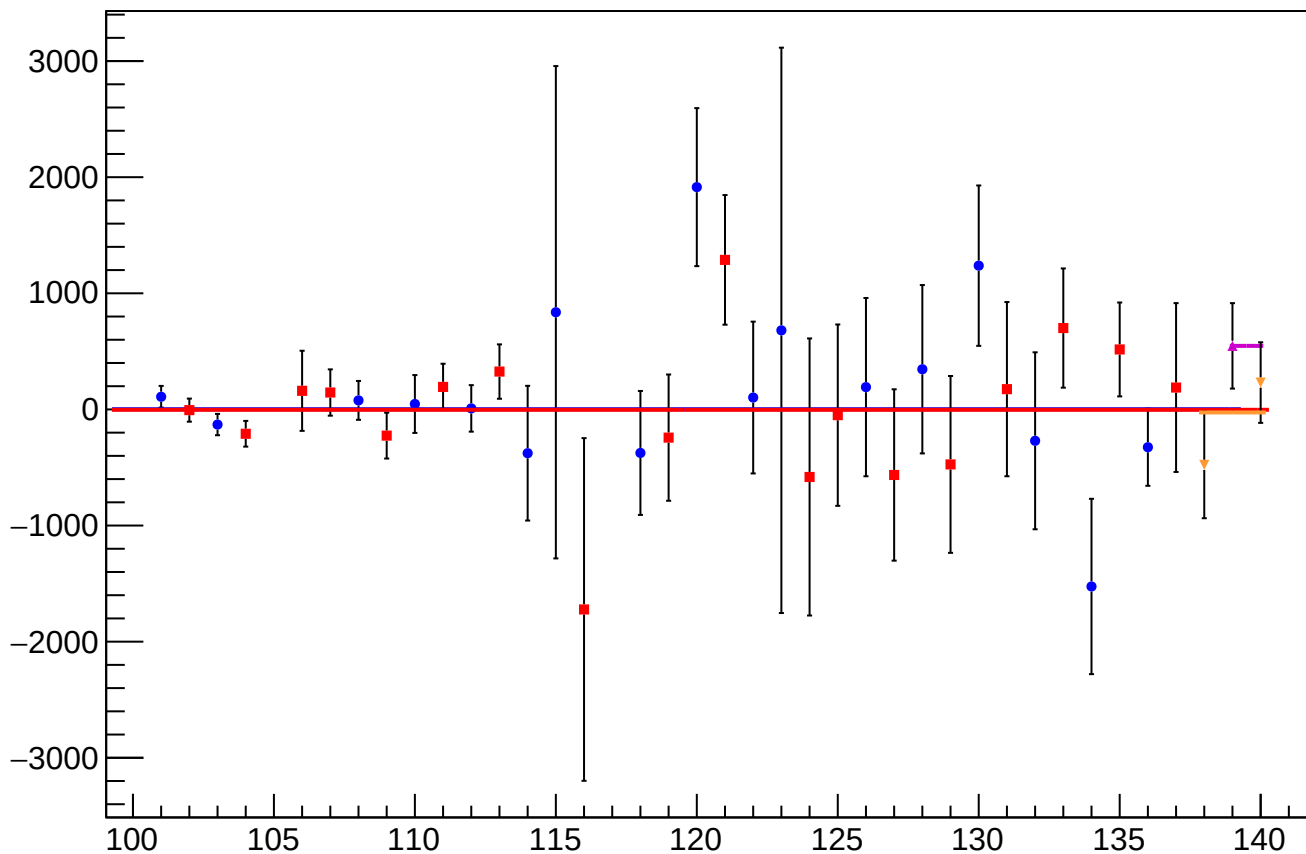
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 60.361 $\pm$ 0.016 χ^2 /NDF: 232272.6/17

Out: 60.059 $\pm$ 0.015 χ^2 /NDF: 362982.7/19

All: 60.201 $\pm$ 0.011 χ^2 /NDF: 595449.7/37

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -26.070 ± 276.857 χ^2/NDF : 1.5/1

Right Out: -3.242 ± 56.611 χ^2/NDF : 20.2/17

Left In: 547.304 ± 367.929 χ^2/NDF : 0.0/0

Left: 181.215 ± 221.222 χ^2/NDF : 3.1/2

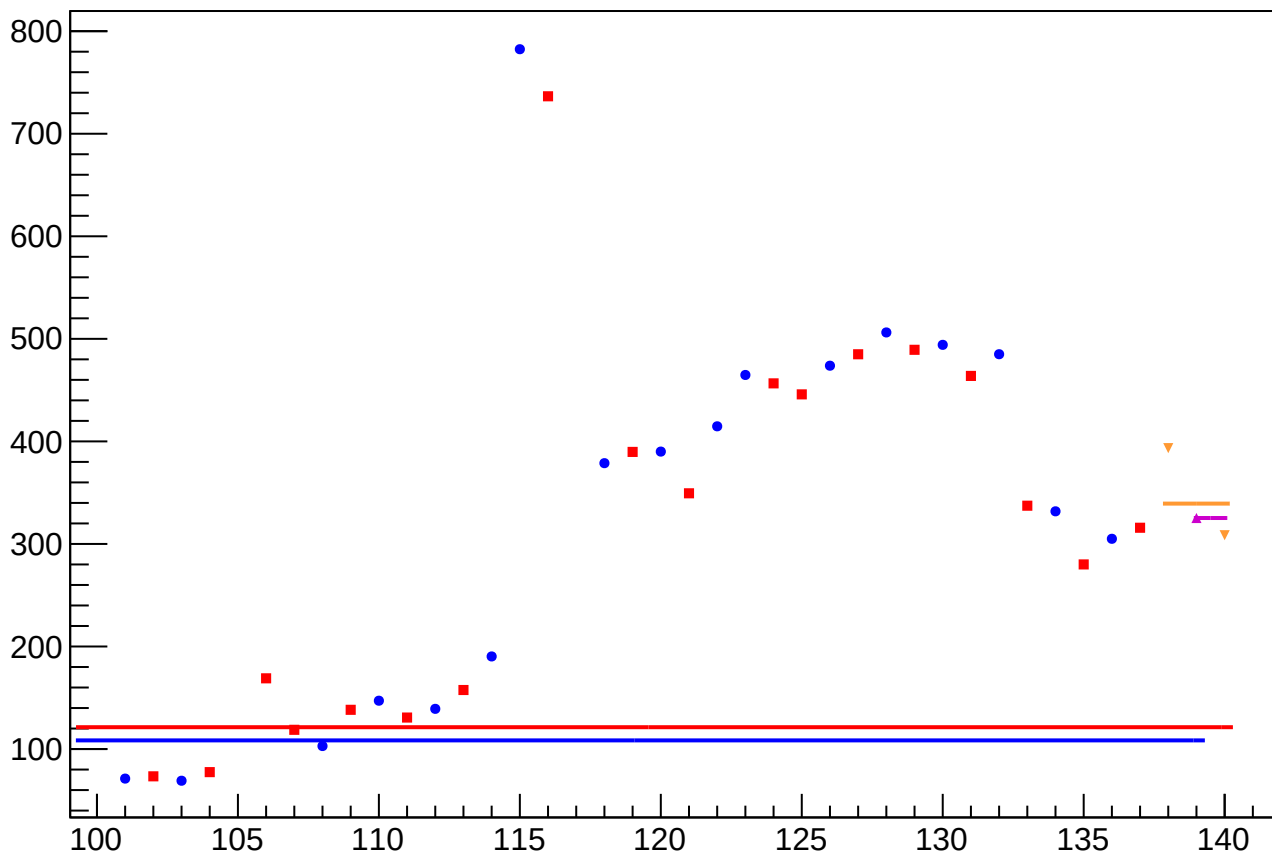
Right: -0.730 ± 39.182 χ^2/NDF : 41.6/34

In: 13.207 ± 53.703 χ^2/NDF : 23.5/17

Out: -4.158 ± 55.464 χ^2/NDF : 21.8/19

All: 4.804 ± 38.581 χ^2/NDF : 45.3/37

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 339.337+/-0.196 χ^2/NDF : 43508.8/1

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 325.291+/-0.260 χ^2/NDF : 0.0/0

Left: 334.259+/-0.156 χ^2/NDF : 45369.7/2

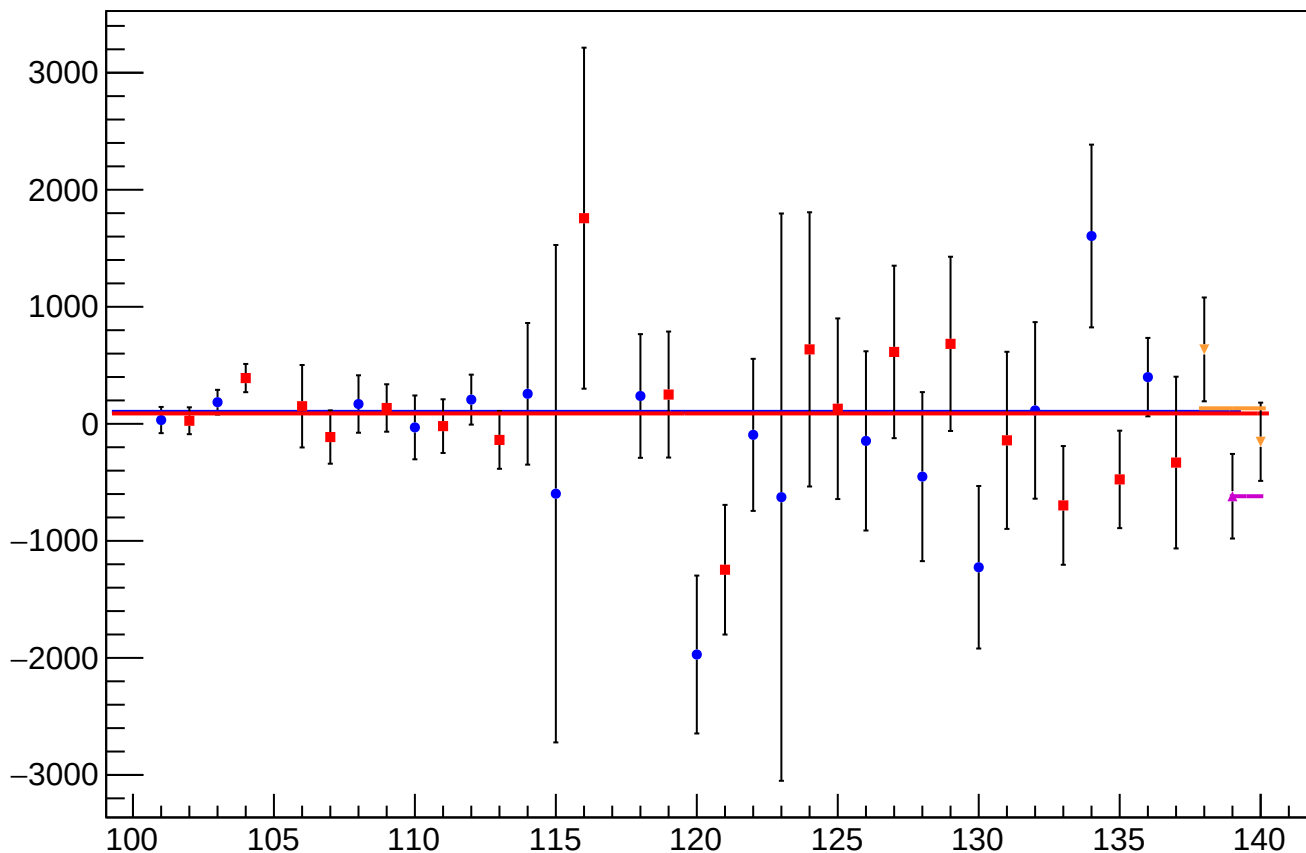
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 113.065+/-0.038 χ^2/NDF : 6084022.4/17

Out: 130.054+/-0.039 χ^2/NDF : 5965711.3/19

All: 121.285+/-0.027 χ^2/NDF : 12146584.8/37

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 132.608+/-266.929 χ^2/NDF :2.0/1

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -618.623+/-361.539 χ^2/NDF :0.0/0

Left: -132.423+/-214.742 χ^2/NDF : 4.8/2

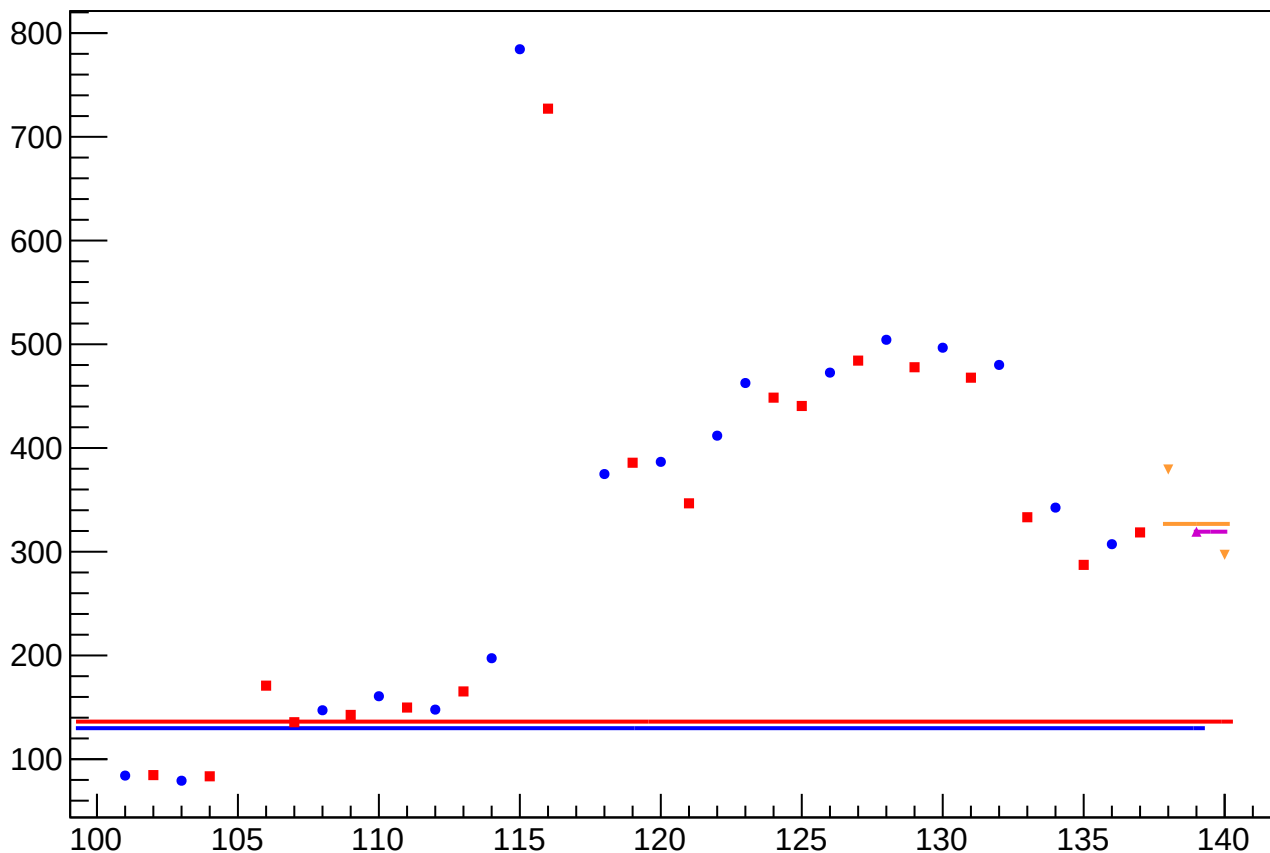
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 80.894+/-62.187 χ^2/NDF :24.1/17

Out: 91.097+/-60.605 χ^2/NDF :23.8/19

All: 86.127+/-43.403 χ^2/NDF : 47.9/37

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 326.830+/-0.189 χ^2/NDF : 43851.2/1

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 319.310+/-0.256 χ^2/NDF : 0.0/0

Left: 324.177+/-0.152 χ^2/NDF : 44411.1/2

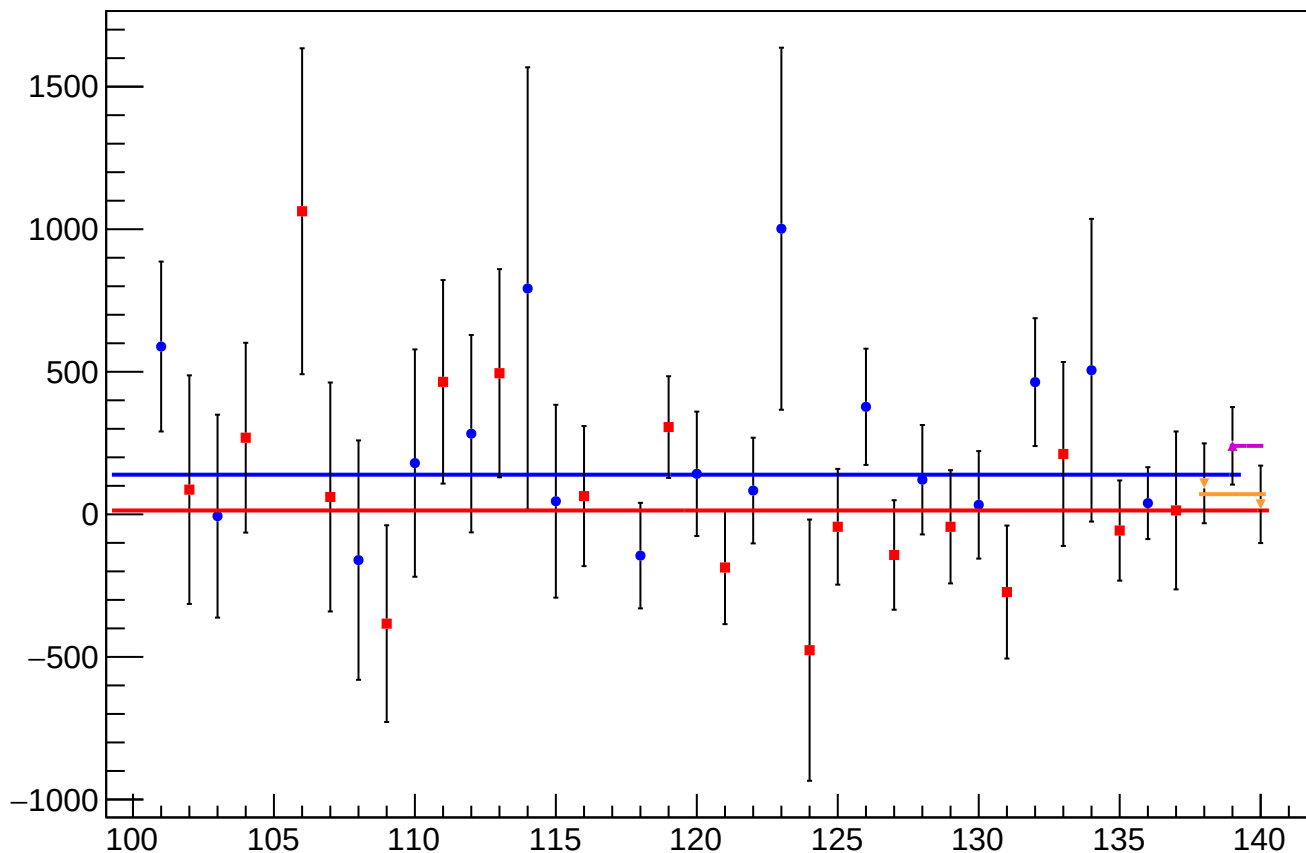
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 135.488+/-0.044 χ^2/NDF : 5362314.4/17

Out: 146.051+/-0.043 χ^2/NDF : 5293860.5/19

All: 140.905+/-0.031 χ^2/NDF : 10685766.2/37

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 70.840 $\pm$ 97.528 χ^2 /NDF:0.1/1

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 240.250 $\pm$ 135.968 χ^2 /NDF:0.0/0

Left: 128.391 $\pm$ 79.249 χ^2 /NDF: 1.2/2

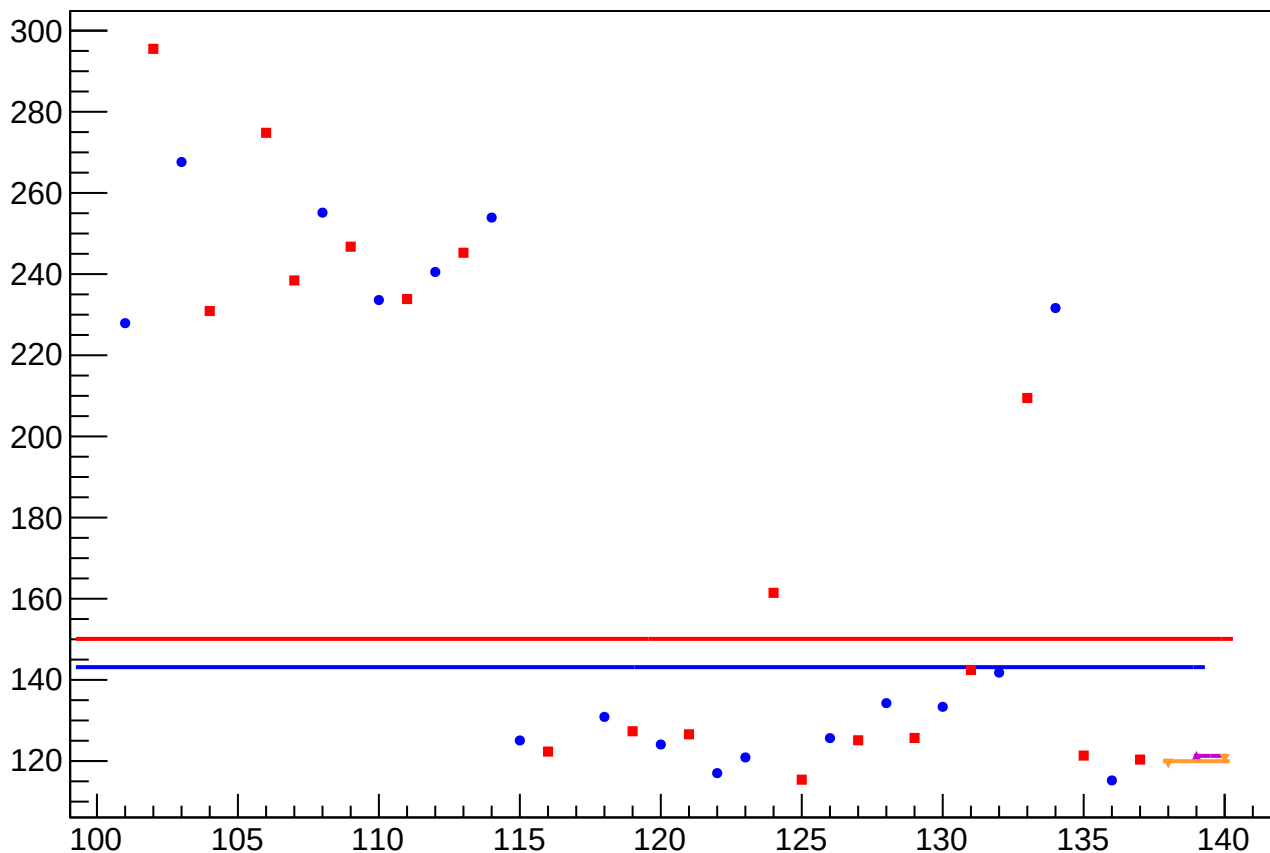
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 154.658 $\pm$ 53.335 χ^2 /NDF:13.6/17

Out: 29.391 $\pm$ 51.182 χ^2 /NDF:16.8/19

All: 89.445 $\pm$ 36.929 χ^2 /NDF: 33.3/37

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 119.960 $\pm$ 0.069 χ^2 /NDF: 72.2/1

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 121.271 $\pm$ 0.096 χ^2 /NDF: 0.0/0

Left: 120.405 $\pm$ 0.056 χ^2 /NDF: 195.0/2

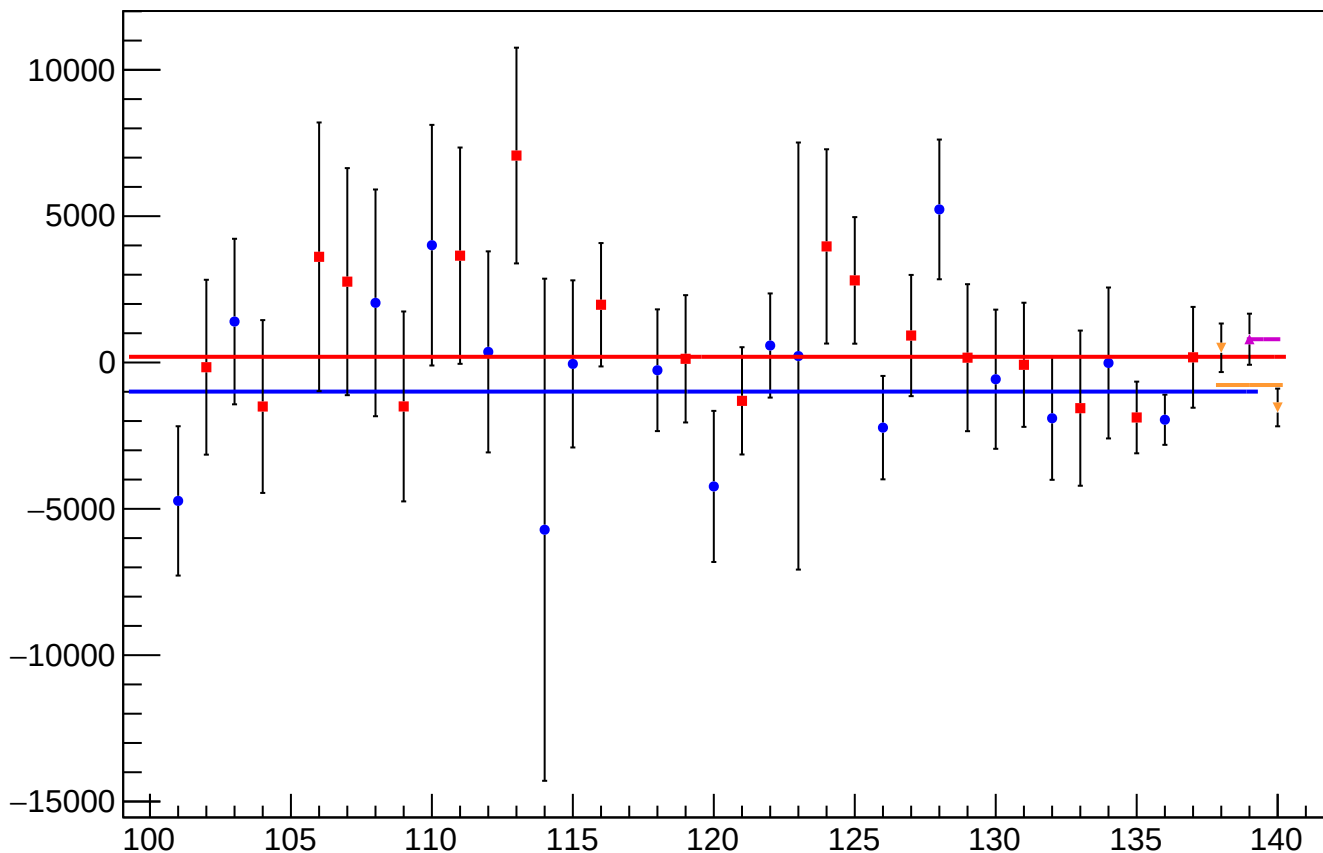
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 139.775 $\pm$ 0.038 χ^2 /NDF: 1145044.2/17

Out: 141.806 $\pm$ 0.036 χ^2 /NDF: 1471338.2/19

All: 140.832 $\pm$ 0.026 χ^2 /NDF: 2617892.3/37

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -768.929+/-508.766 χ^2/NDF : 3.8/1

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: 795.333+/-873.025 χ^2/NDF : 0.0/0

Left: -372.366+/-439.570 χ^2/NDF : 6.2/2

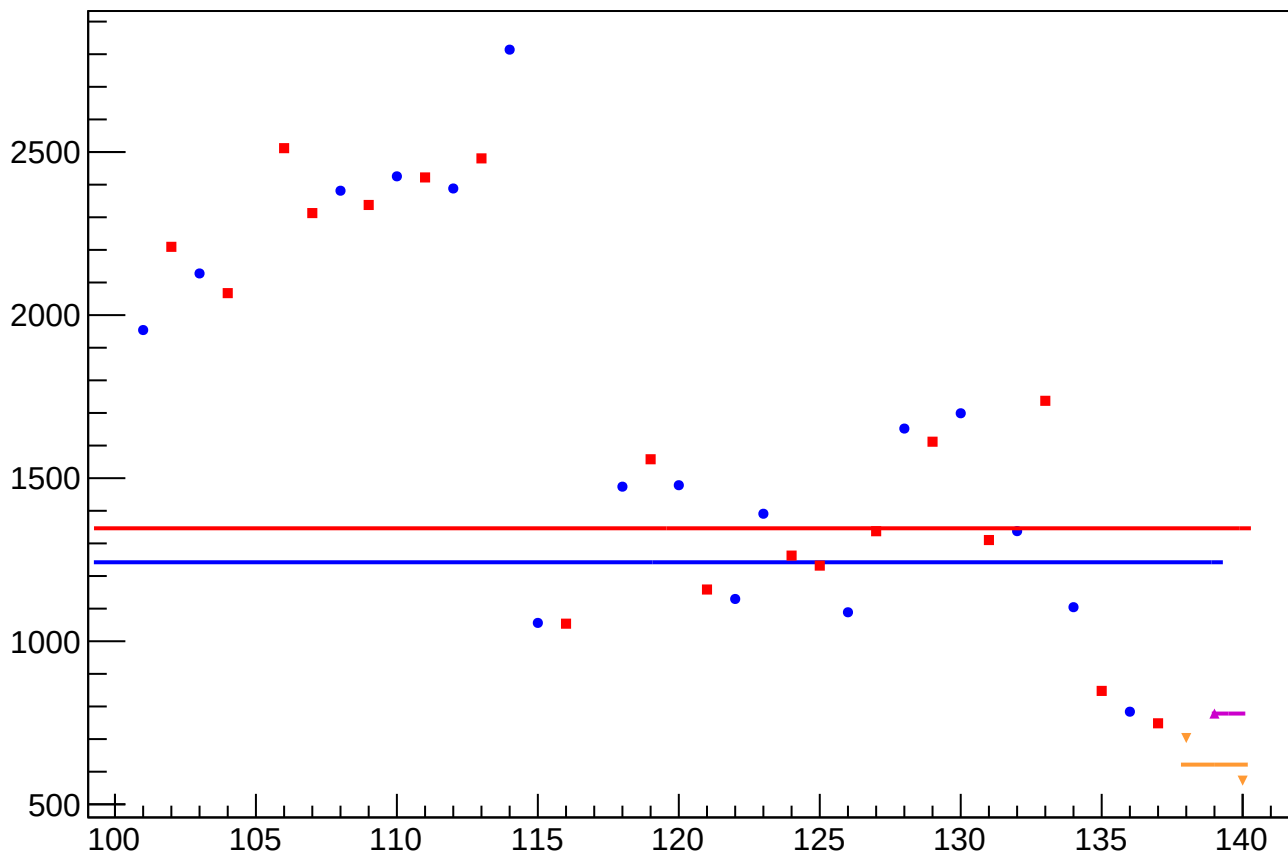
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -529.973+/-444.506 χ^2/NDF : 20.0/17

Out: -319.009+/-371.527 χ^2/NDF : 19.0/19

All: -405.774+/-285.066 χ^2/NDF : 39.2/37

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 621.725+/-0.360 χ^2/NDF : 30963.4/1

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 778.277+/-0.617 χ^2/NDF : 0.0/0

Left: 661.414+/-0.311 χ^2/NDF : 78971.7/2

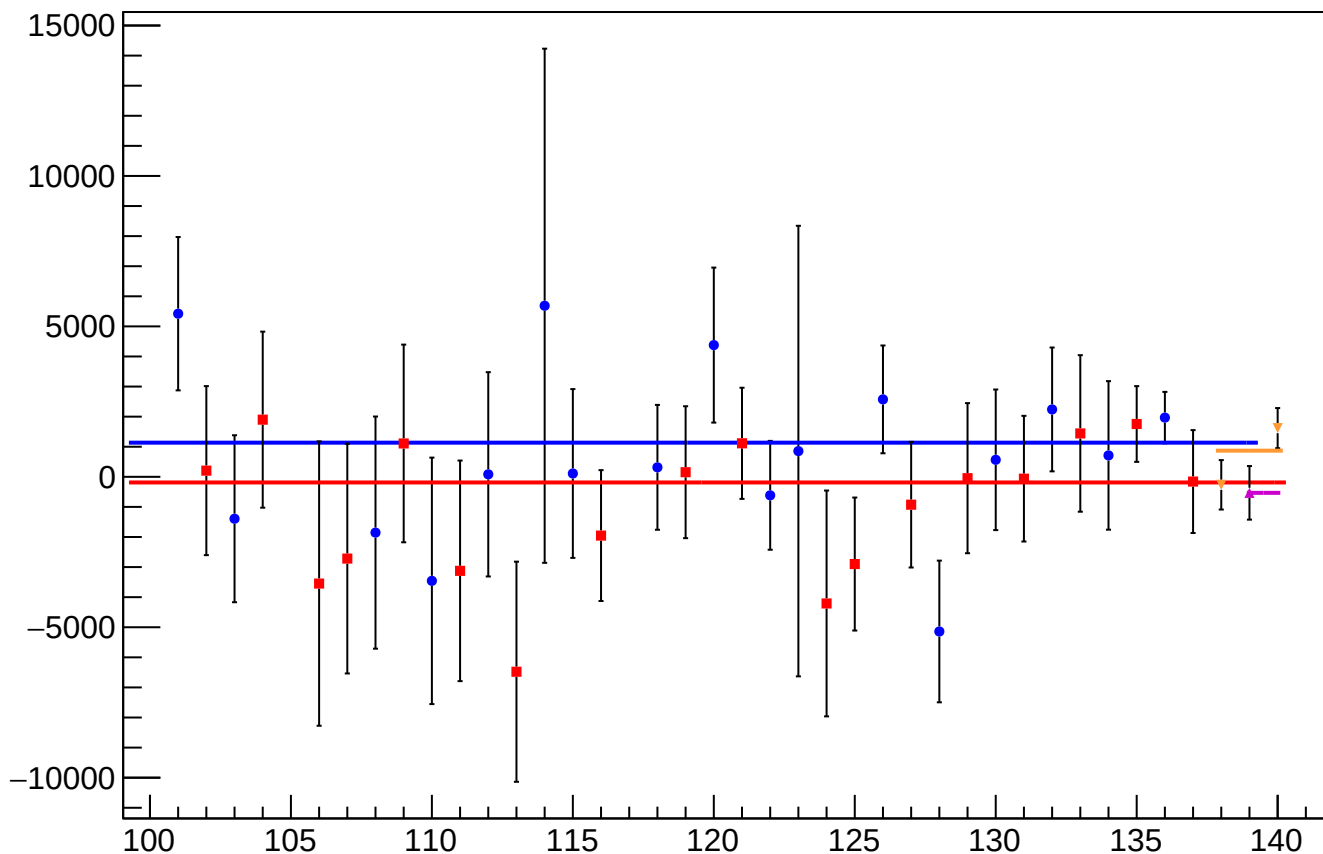
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 1121.912+/-0.314 χ^2/NDF : 2185727.9/17

Out: 959.926+/-0.263 χ^2/NDF : 3733673.2/19

All: 1026.547+/-0.202 χ^2/NDF : 6075765.2/37

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 869.108 $\pm$ 518.014 χ^2 /NDF: 3.2/1

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: -532.668 $\pm$ 890.474 χ^2 /NDF: 0.0/0

Left: 514.678 $\pm$ 447.762 χ^2 /NDF: 5.0/2

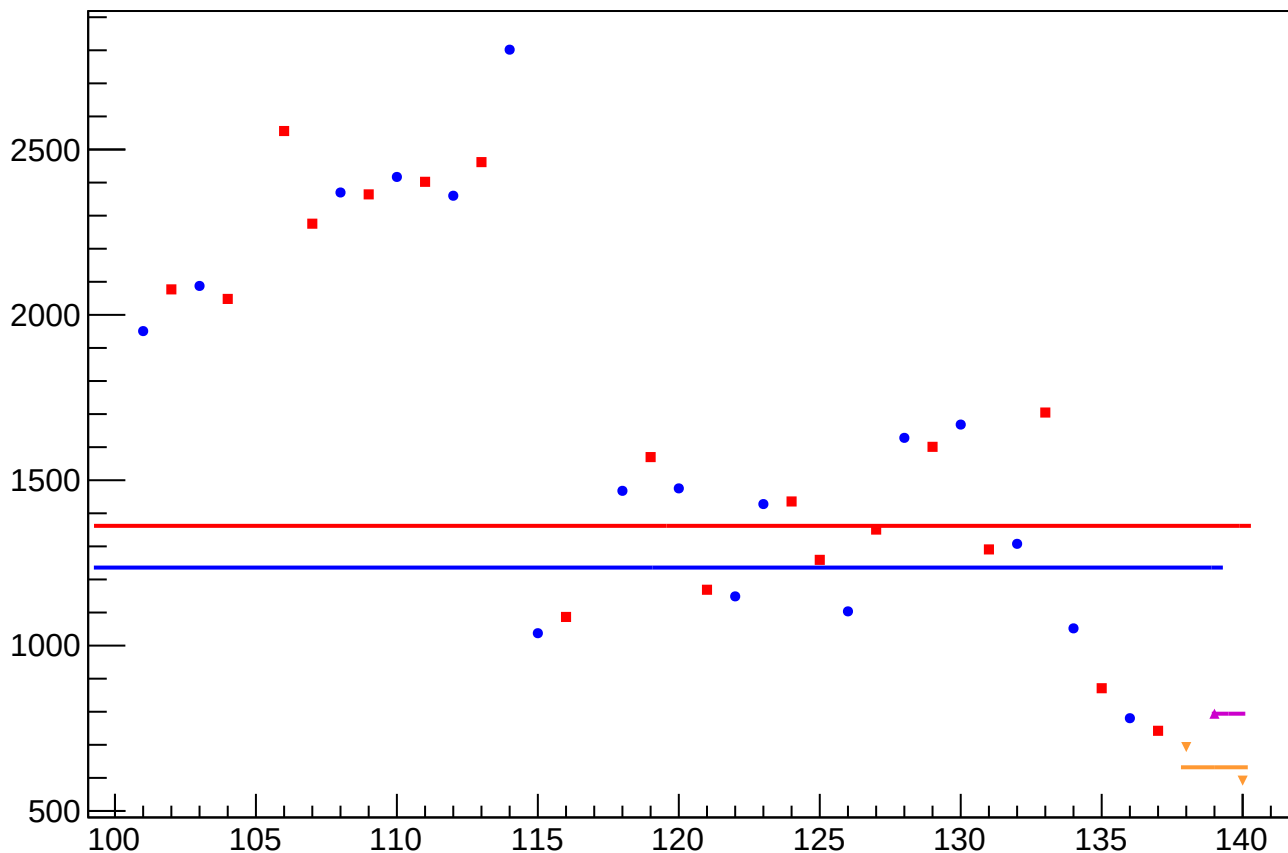
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 718.669 $\pm$ 445.013 χ^2 /NDF: 20.4/17

Out: 370.682 $\pm$ 376.507 χ^2 /NDF: 17.1/19

All: 515.858 $\pm$ 287.434 χ^2 /NDF: 37.9/37

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 632.044+/-0.366 χ^2/NDF : 18406.4/1

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 794.089+/-0.630 χ^2/NDF : 0.0/0

Left: 673.016+/-0.317 χ^2/NDF : 67891.1/2

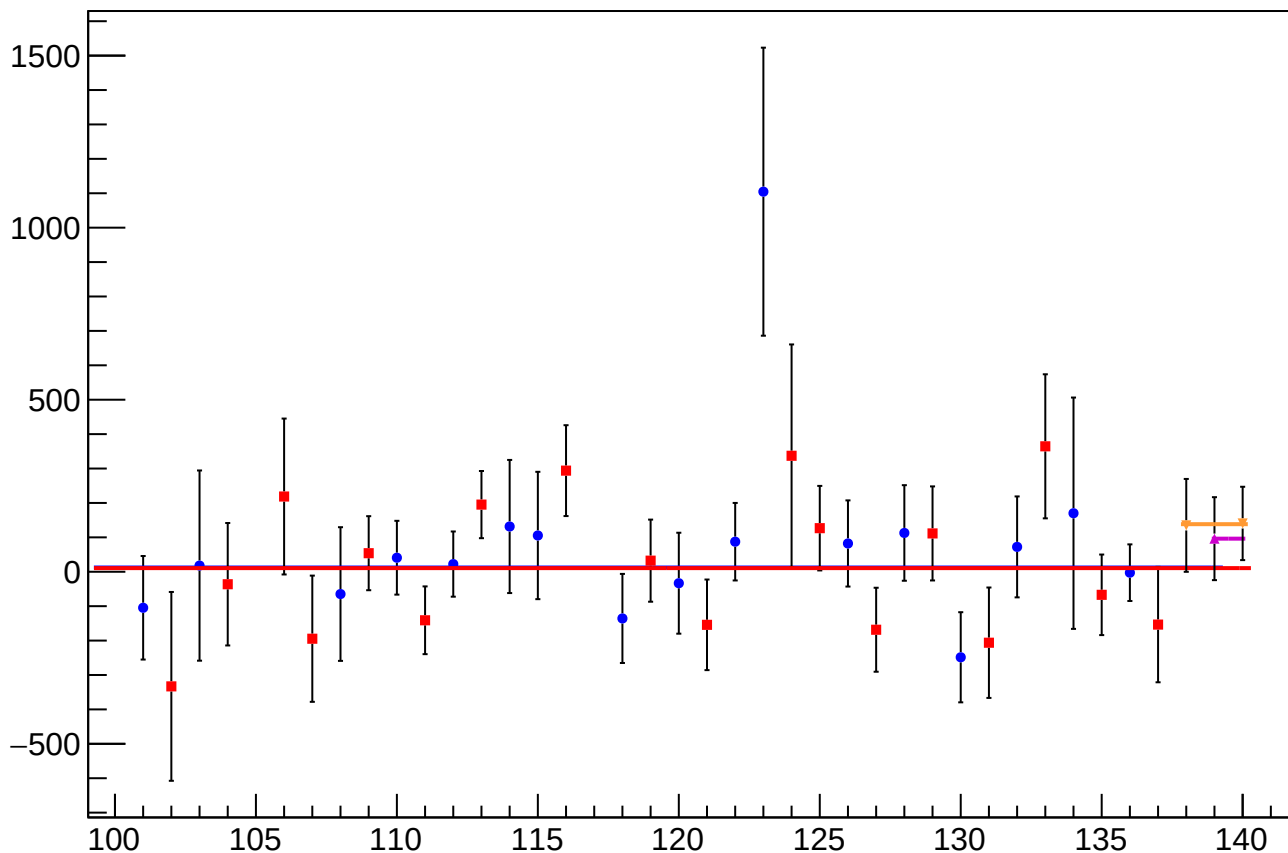
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 1125.588+/-0.315 χ^2/NDF : 2115156.2/17

Out: 976.421+/-0.266 χ^2/NDF : 3601504.9/19

All: 1038.652+/-0.203 χ^2/NDF : 5847625.8/37

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 138.292+/-83.637 χ^2/NDF : 0.0/1

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 96.209+/-120.547 χ^2/NDF : 0.0/0

Left: 124.617+/-68.717 χ^2/NDF : 0.1/2

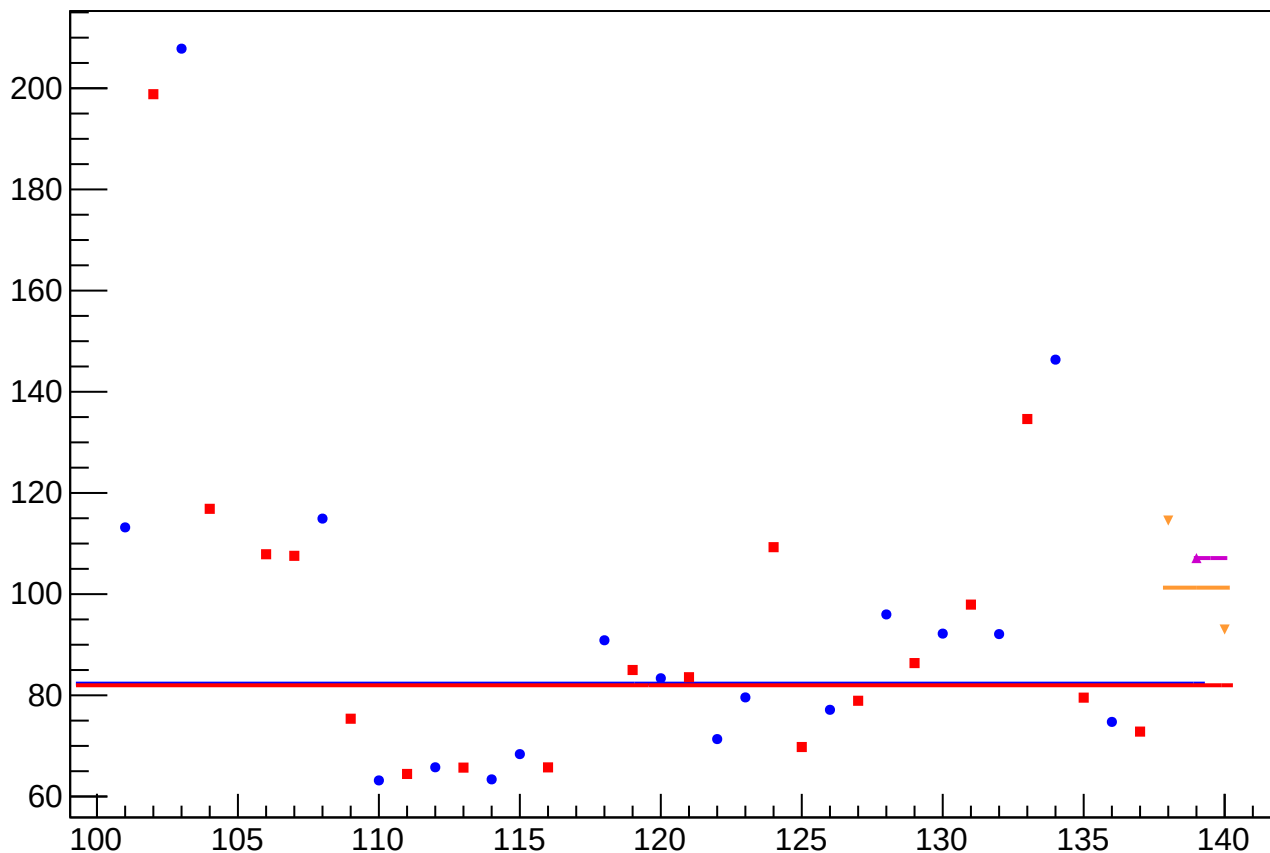
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 18.233+/-32.033 χ^2/NDF : 15.8/17

Out: 27.439+/-30.379 χ^2/NDF : 28.8/19

All: 23.080+/-22.043 χ^2/NDF : 44.6/37

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 101.283+/-0.059 χ^2/NDF : 31380.1/1

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 107.129+/-0.085 χ^2/NDF : 0.0/0

Left: 103.183+/-0.049 χ^2/NDF : 34556.0/2

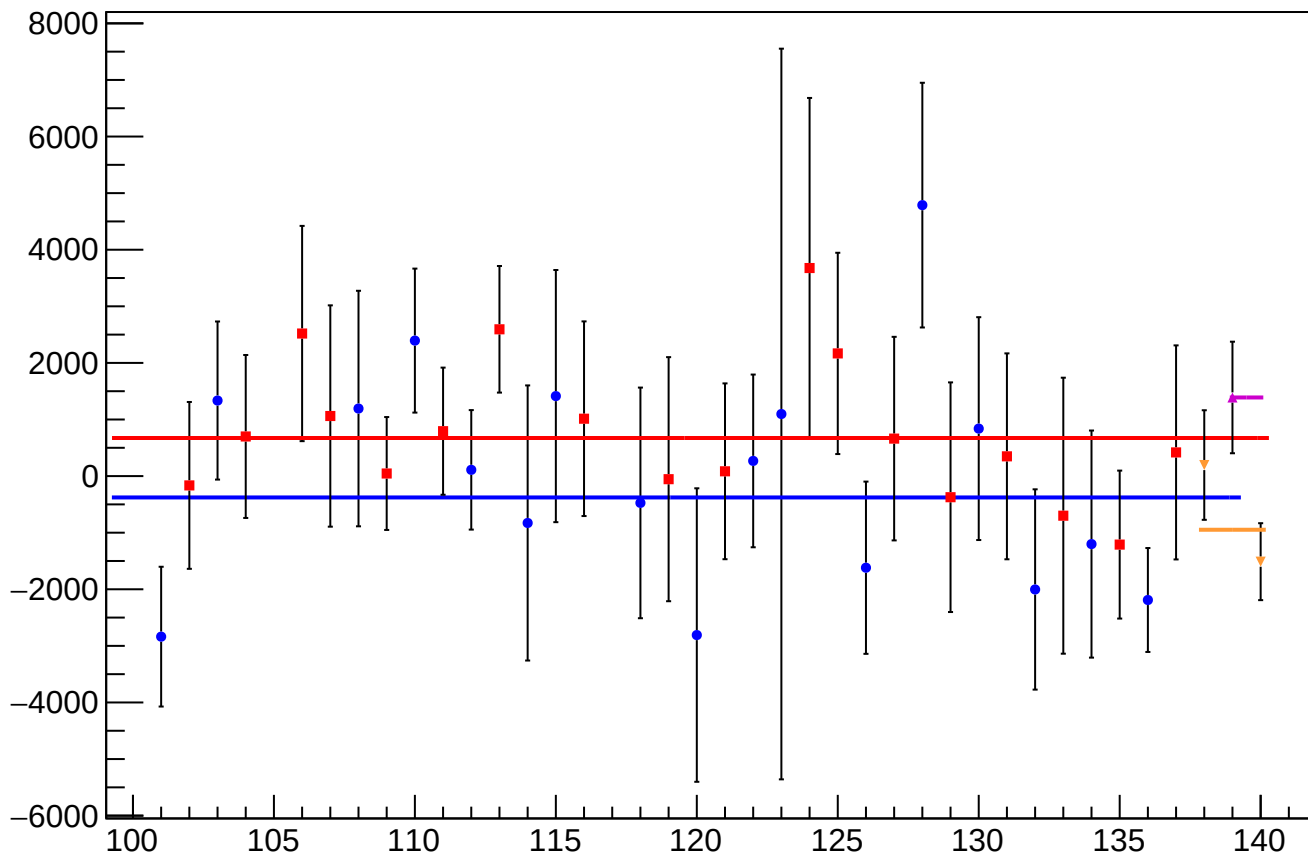
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 84.059+/-0.023 χ^2/NDF : 947564.1/17

Out: 84.533+/-0.021 χ^2/NDF : 977001.7/19

All: 84.308+/-0.016 χ^2/NDF : 1924796.7/37

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -948.150+/-556.310 χ^2/NDF : 2.1/1

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: 1389.245+/-985.672 χ^2/NDF : 0.0/0

Left: -383.464+/-484.473 χ^2/NDF : 6.3/2

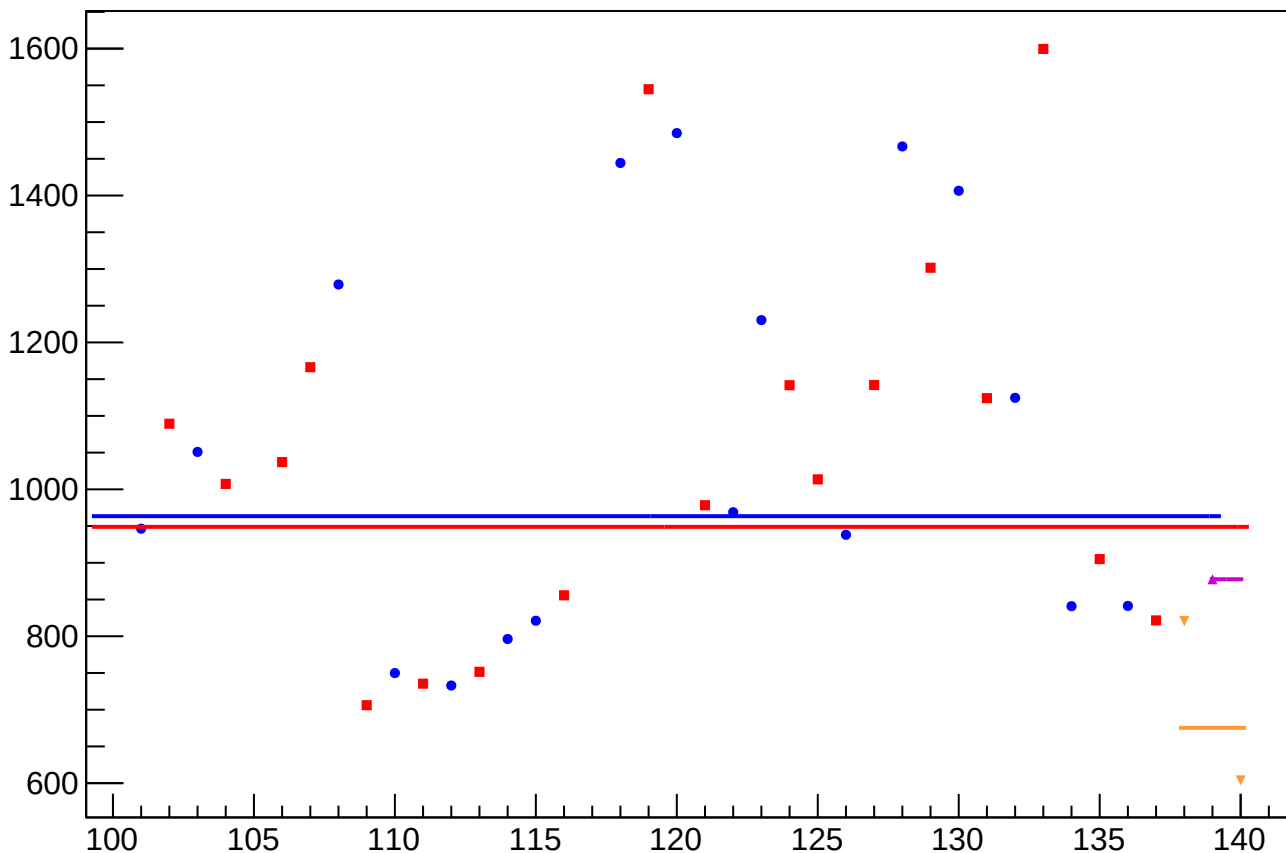
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: -144.649+/-357.723 χ^2/NDF : 27.2/17

Out: 178.511+/-307.286 χ^2/NDF : 17.4/19

All: 41.301+/-233.094 χ^2/NDF : 45.1/37

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 675.335+/-0.393 χ^2/NDF : 67262.0/1

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 877.600+/-0.697 χ^2/NDF : 0.0/0

Left: 724.200+/-0.343 χ^2/NDF : 131134.5/2

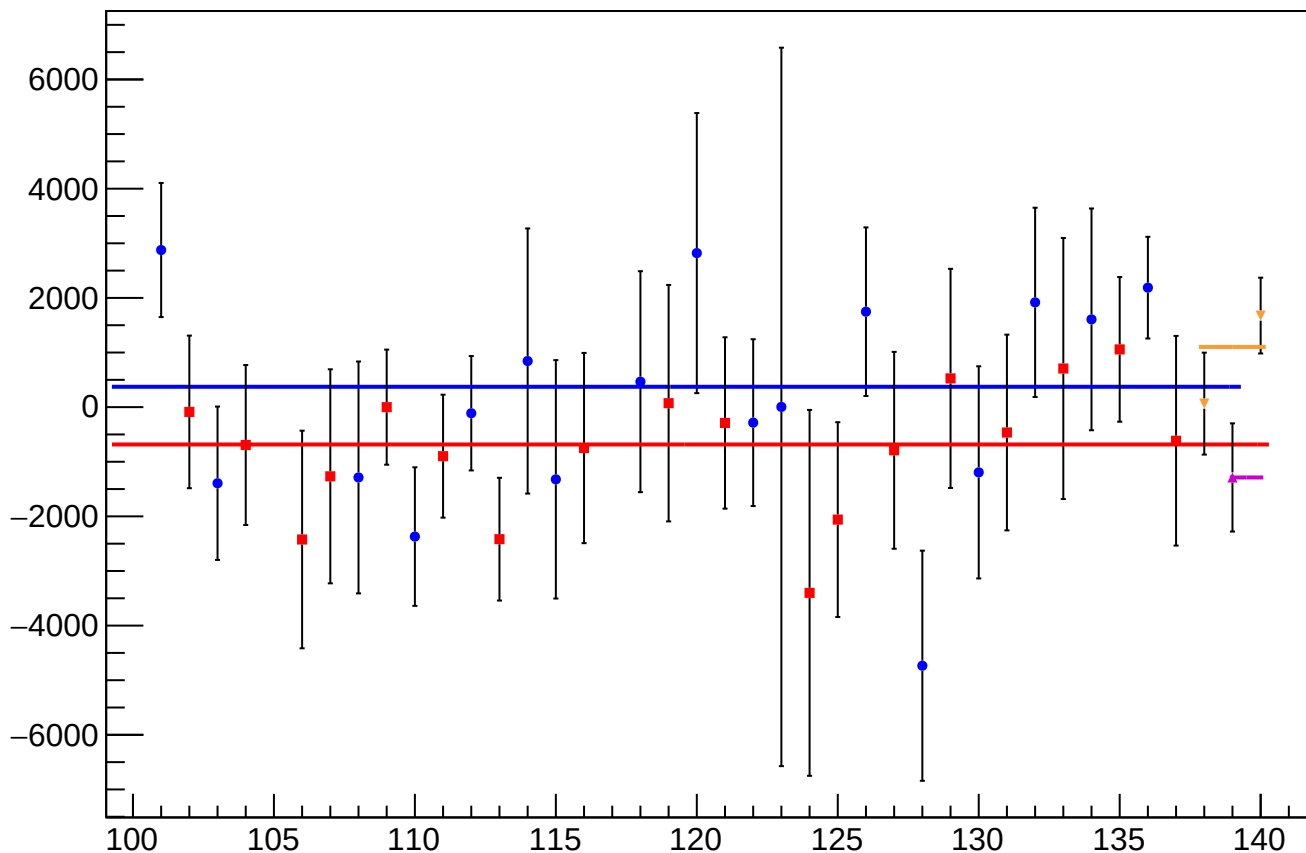
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 952.159+/-0.253 χ^2/NDF : 702052.9/17

Out: 865.467+/-0.217 χ^2/NDF : 1132831.2/19

All: 902.275+/-0.165 χ^2/NDF : 1902473.1/37

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1102.463+/-556.872 χ^2/NDF : 1.9/1

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: -1287.571+/-990.108 χ^2/NDF : 0.0/0

Left: 528.104+/-485.369 χ^2/NDF : 6.3/2

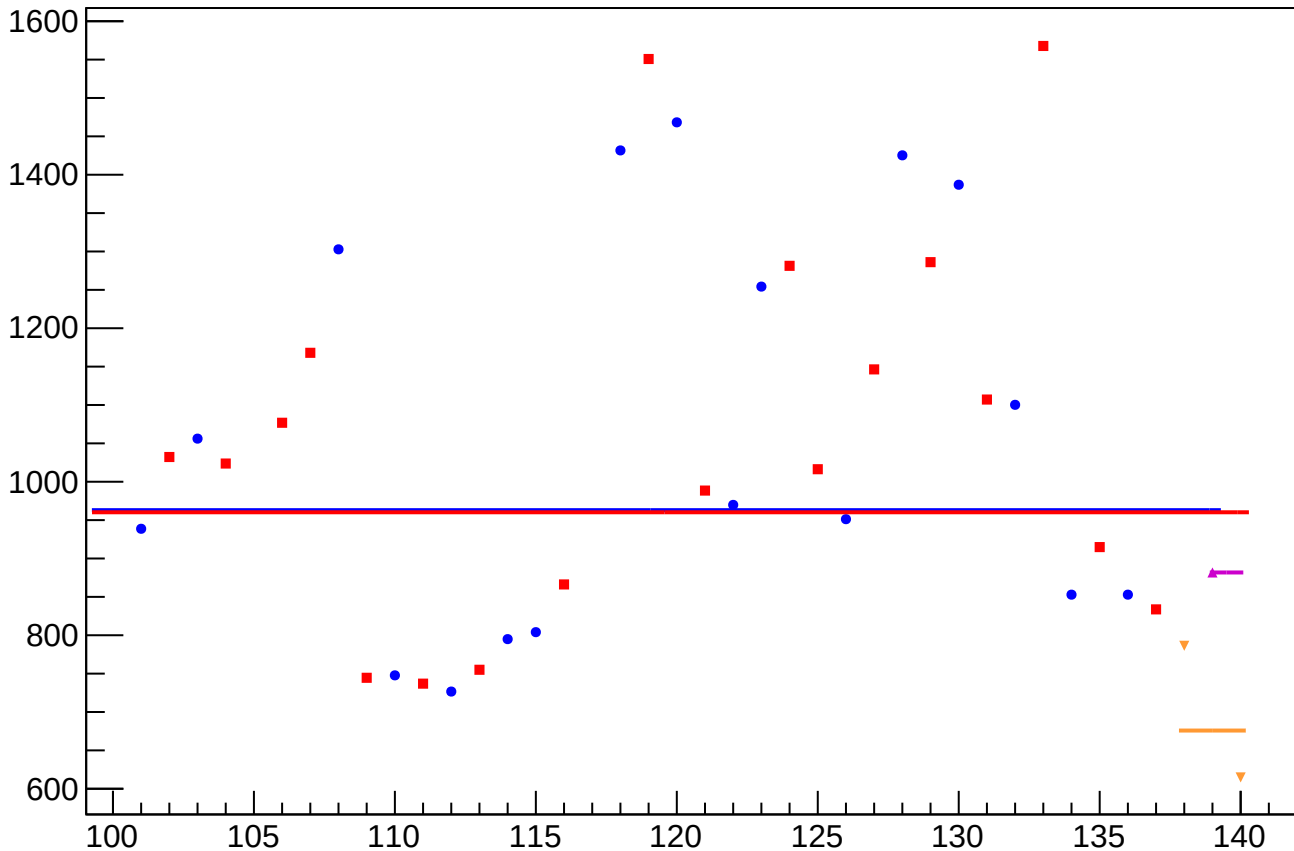
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 156.123+/-357.743 χ^2/NDF : 27.7/17

Out: -131.654+/-309.570 χ^2/NDF : 16.8/19

All: -8.432+/-234.092 χ^2/NDF : 44.9/37

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 675.836+/-0.394 χ^2/NDF : 43500.4/1

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 881.793+/-0.700 χ^2/NDF : 0.0/0

Left: 725.331+/-0.343 χ^2/NDF : 109243.5/2

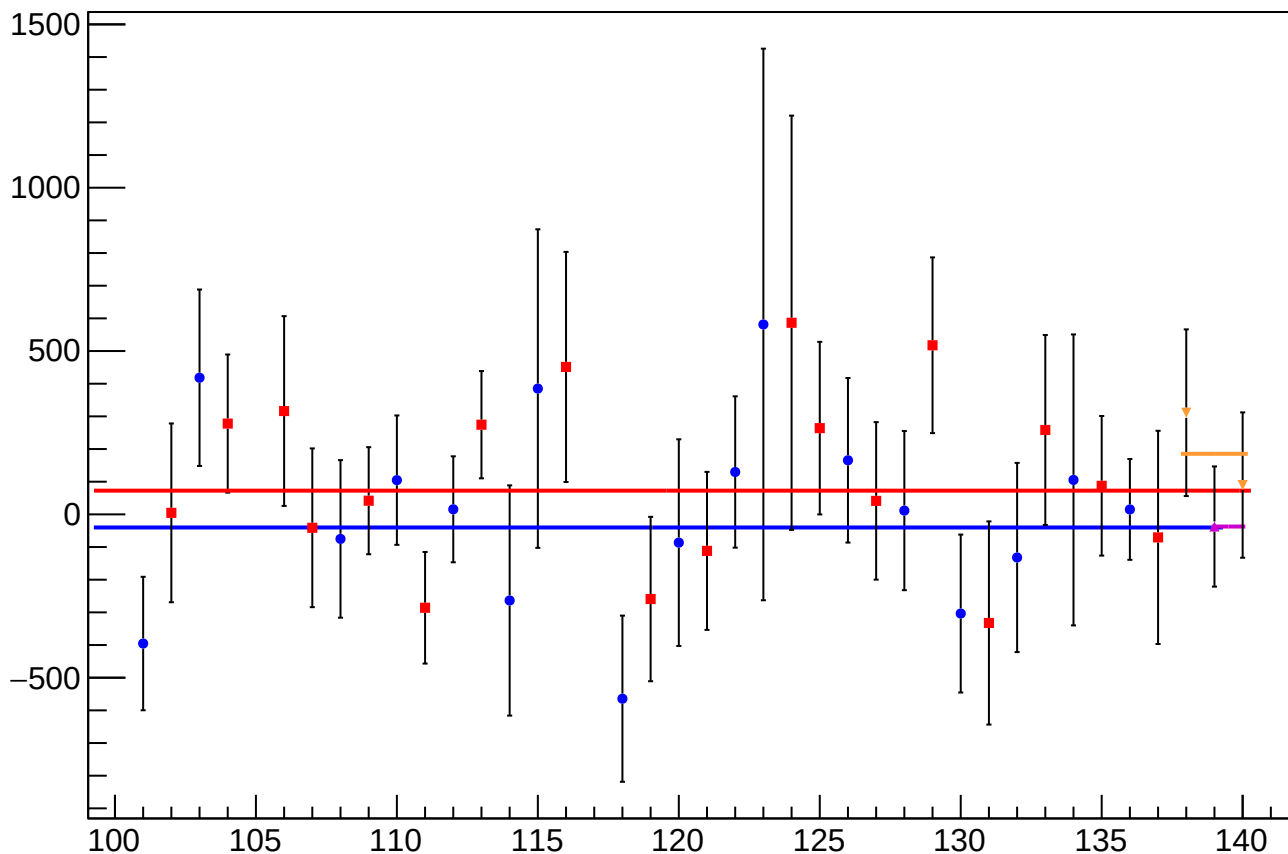
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 952.373+/-0.253 χ^2/NDF : 679211.0/17

Out: 872.334+/-0.219 χ^2/NDF : 1074903.5/19

All: 906.605+/-0.166 χ^2/NDF : 1811360.5/37

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 185.357 ± 167.674 $\chi^2/\text{NDF}: 0.4/1$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: -37.265 ± 183.978 $\chi^2/\text{NDF}: 0.0/0$

Left: 84.345 ± 123.927 $\chi^2/\text{NDF}: 1.2/2$

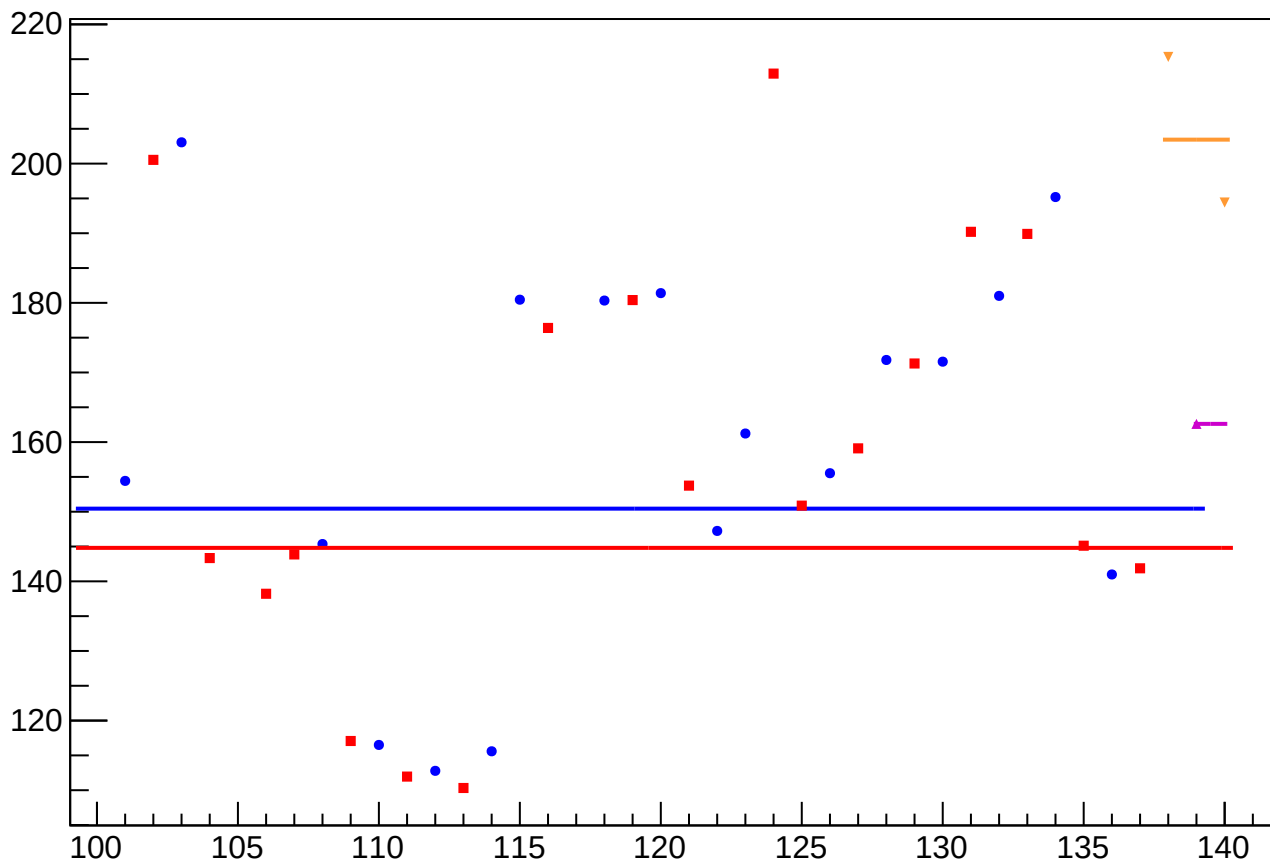
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: -39.853 ± 56.403 $\chi^2/\text{NDF}: 15.3/17$

Out: 84.035 ± 53.383 $\chi^2/\text{NDF}: 18.4/19$

All: 25.496 ± 38.771 $\chi^2/\text{NDF}: 36.3/37$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 203.442 $\pm$ 0.119 χ^2 /NDF: 7631.5/1

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 162.617 $\pm$ 0.130 χ^2 /NDF: 0.0/0

Left: 184.918 $\pm$ 0.088 χ^2 /NDF: 61428.4/2

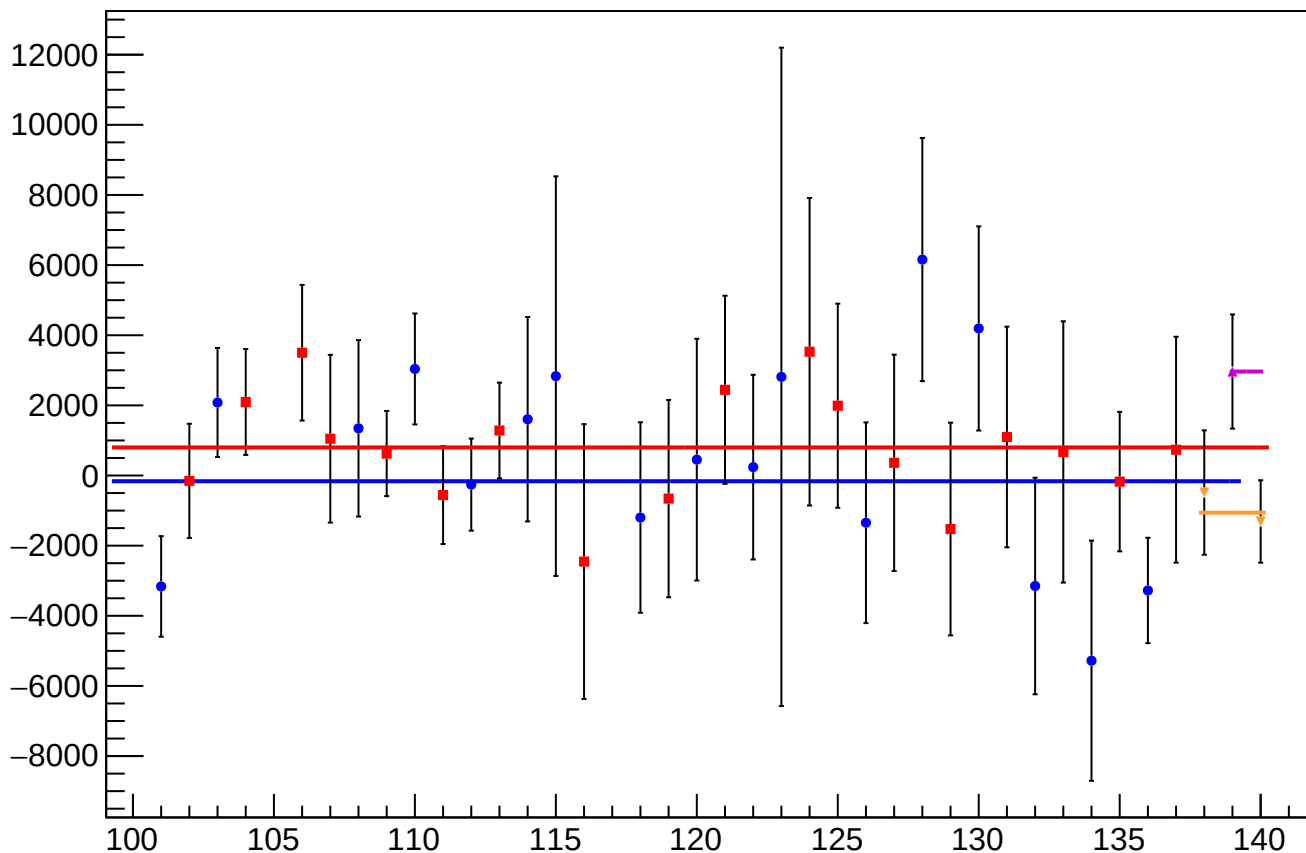
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 151.586 $\pm$ 0.040 χ^2 /NDF: 408057.4/17

Out: 150.750 $\pm$ 0.038 χ^2 /NDF: 731279.6/19

All: 151.145 $\pm$ 0.027 χ^2 /NDF: 1139568.5/37

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1058.572 ± 979.781 χ^2/NDF : 0.2/1

Right Out: 801.139 ± 486.610 χ^2/NDF : 6.9/17

Left In: 2964.704 ± 1627.332 χ^2/NDF : 0.0/0

Left: 11.837 ± 839.385 χ^2/NDF : 4.6/2

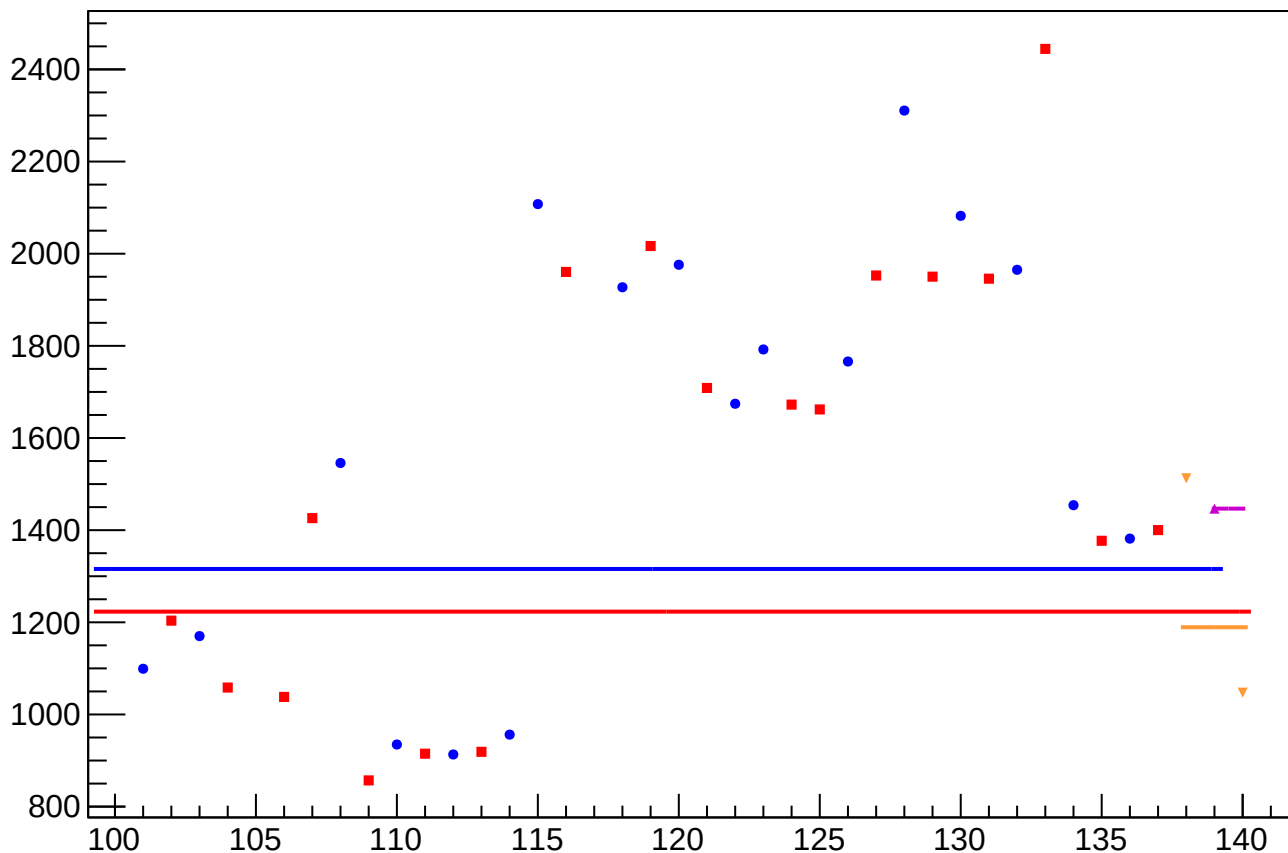
Right: 363.081 ± 359.419 χ^2/NDF : 33.7/34

In: 140.364 ± 506.665 χ^2/NDF : 28.4/17

Out: 433.179 ± 435.819 χ^2/NDF : 9.9/19

All: 308.658 ± 330.403 χ^2/NDF : 38.5/37

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1189.335 $\pm$ 0.693 χ^2 /NDF: 95651.6/1

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1446.743 $\pm$ 1.151 χ^2 /NDF: 0.0/0

Left: 1257.819 $\pm$ 0.594 χ^2 /NDF: 132378.7/2

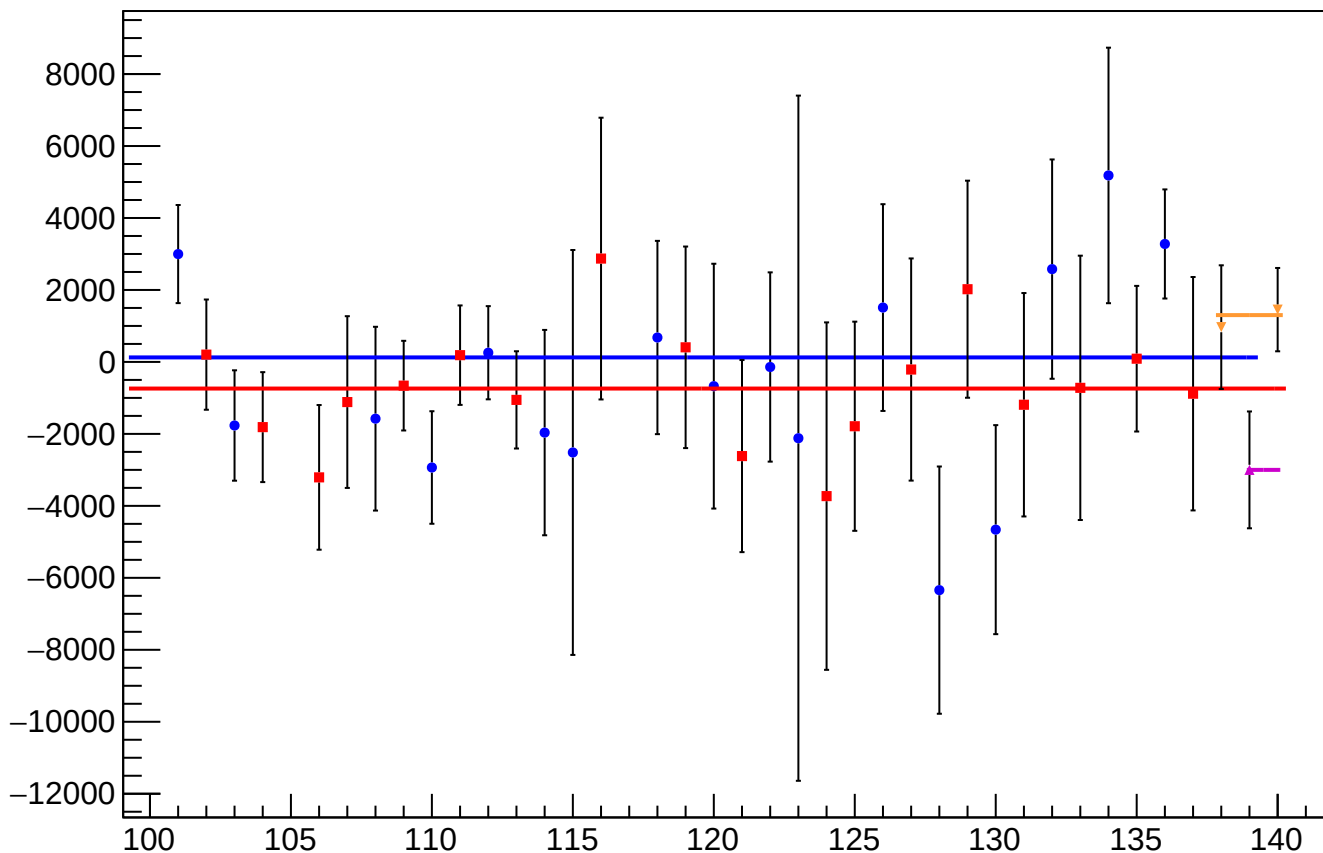
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1328.479 $\pm$ 0.358 χ^2 /NDF: 1130043.4/17

Out: 1216.482 $\pm$ 0.308 χ^2 /NDF: 1460620.7/19

All: 1264.109 $\pm$ 0.234 χ^2 /NDF: 2646830.5/37

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1301.182 $\pm$ 960.368 χ^2 /NDF:0.1/1

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -3000.057 $\pm$ 1623.445 χ^2 /NDF:0.0/0

Left: 186.175 $\pm$ 826.570 χ^2 /NDF: 5.3/2

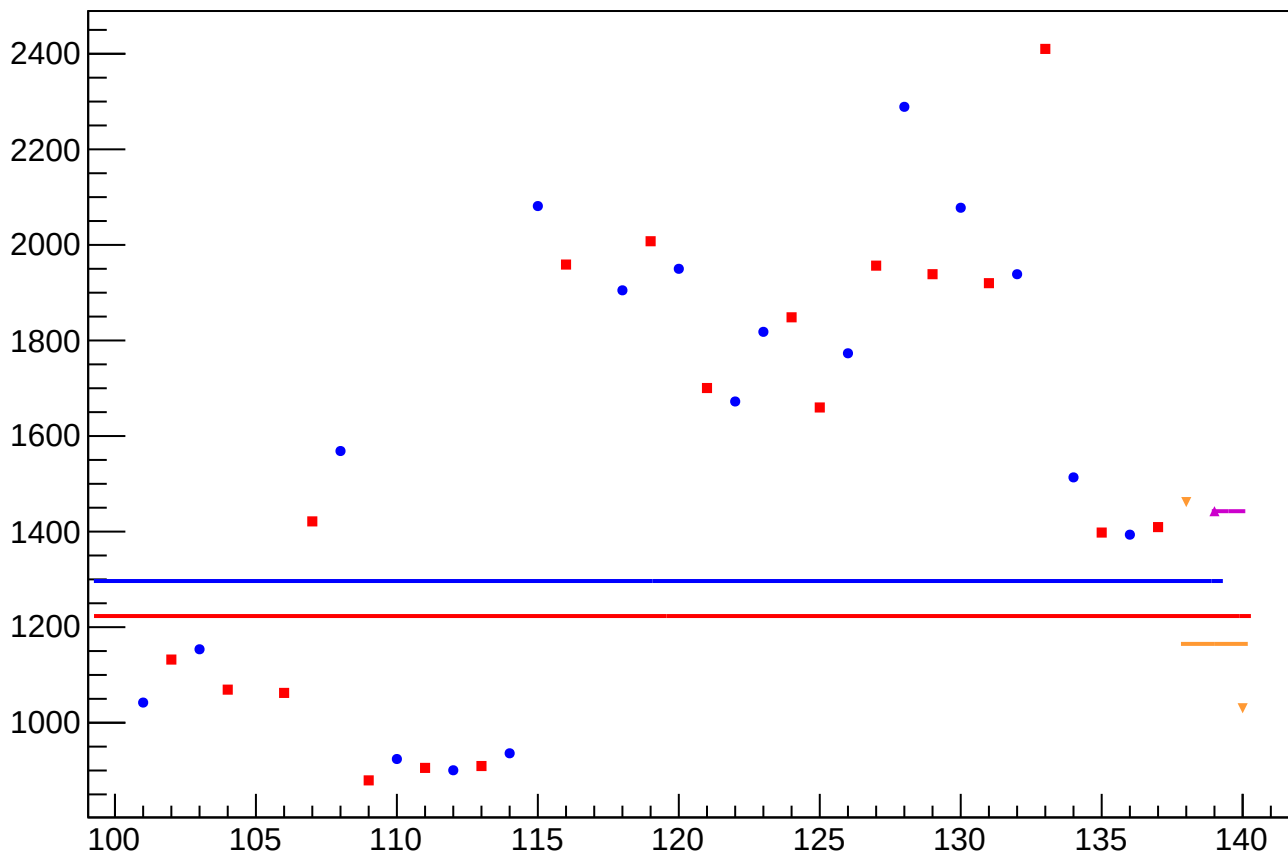
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -172.372 $\pm$ 501.080 χ^2 /NDF:28.0/17

Out: -322.705 $\pm$ 434.210 χ^2 /NDF:9.6/19

All: -258.232 $\pm$ 328.147 χ^2 /NDF: 37.7/37

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1164.980+/-0.679 χ^2/NDF : 86681.2/1

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1442.705+/-1.148 χ^2/NDF : 0.0/0

Left: 1236.974+/-0.584 χ^2/NDF : 130039.1/2

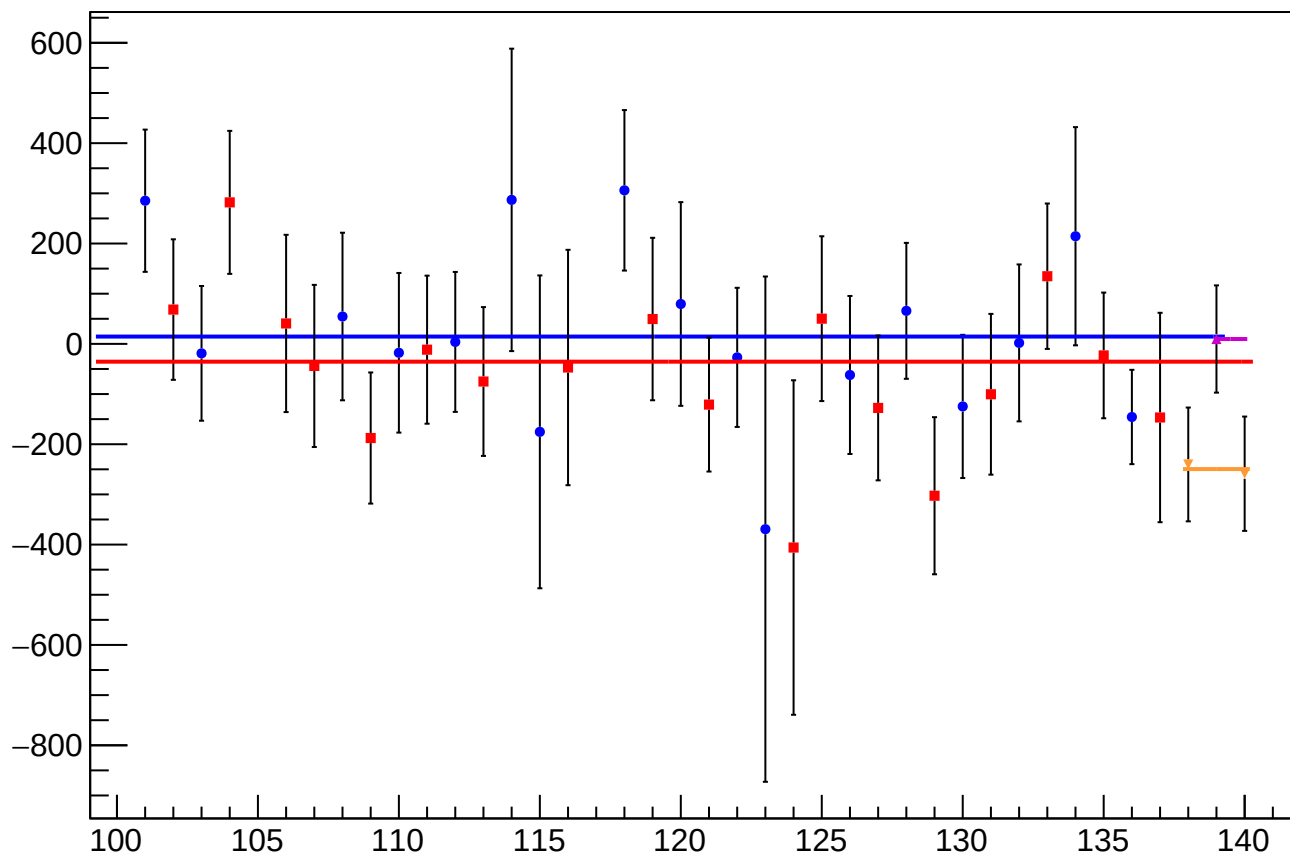
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1310.495+/-0.354 χ^2/NDF : 1190126.2/17

Out: 1211.358+/-0.307 χ^2/NDF : 1439233.1/19

All: 1253.874+/-0.232 χ^2/NDF : 2674071.3/37

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -249.494 ± 80.364 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: 9.705 ± 106.875 $\chi^2/\text{NDF}: 0.0/0$

Left: -155.872 ± 64.231 $\chi^2/\text{NDF}: 3.8/2$

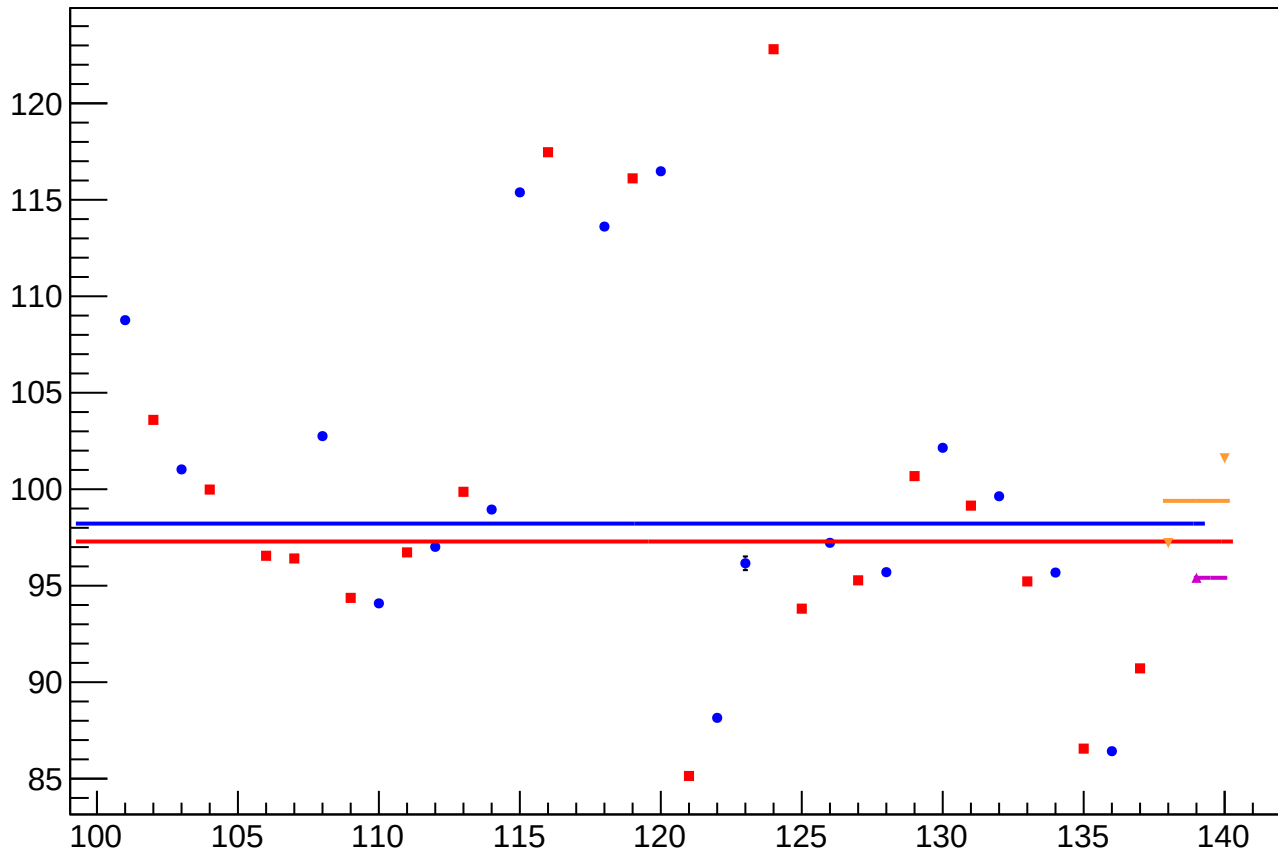
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: 14.029 ± 35.818 $\chi^2/\text{NDF}: 14.2/17$

Out: -72.452 ± 33.405 $\chi^2/\text{NDF}: 20.4/19$

All: -32.223 ± 24.429 $\chi^2/\text{NDF}: 37.7/37$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 99.397 $\pm$ 0.057 χ^2 /NDF:1493.5/1

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 95.410 $\pm$ 0.076 χ^2 /NDF:0.0/0

Left: 97.957 $\pm$ 0.045 χ^2 /NDF: 3271.7/2

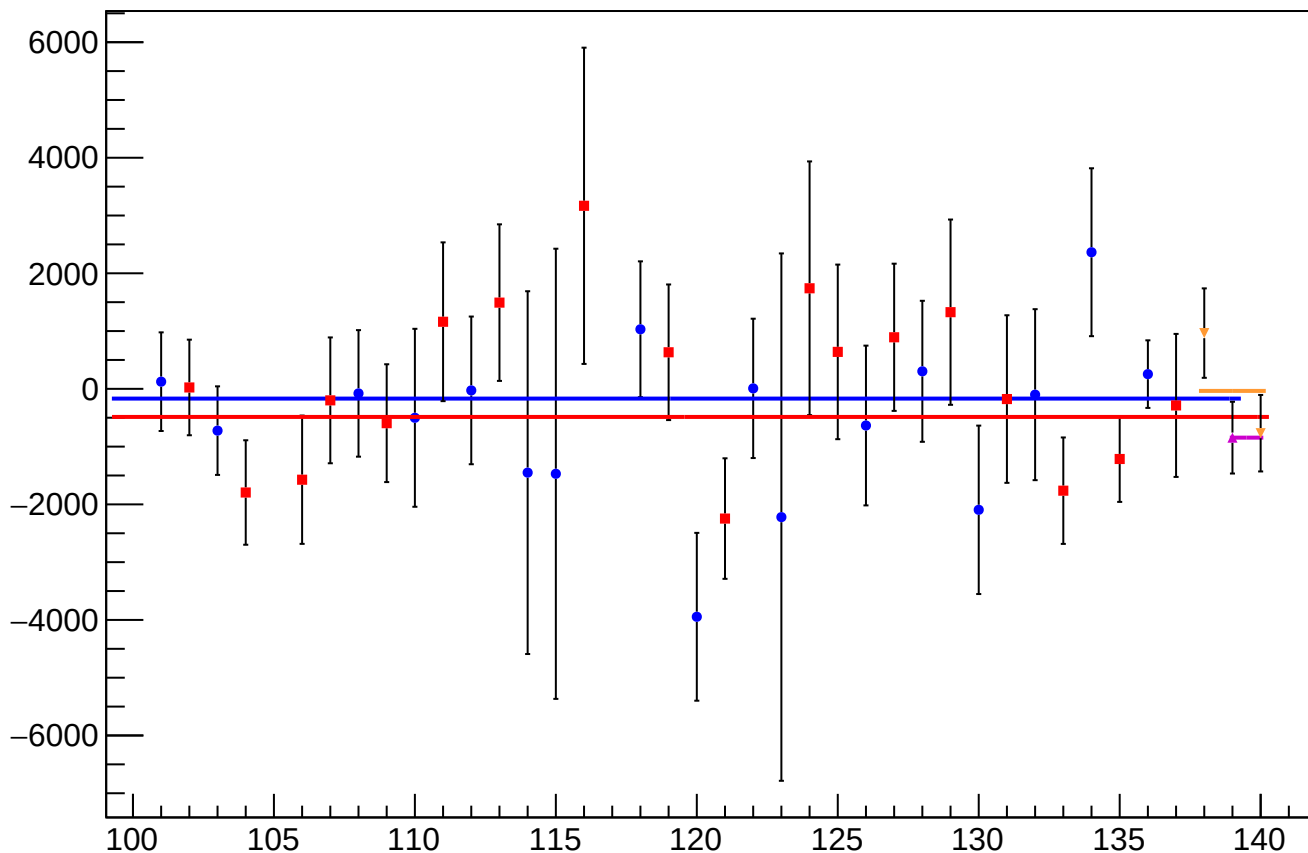
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 97.904 $\pm$ 0.025 χ^2 /NDF:101736.6/17

Out: 97.654 $\pm$ 0.024 χ^2 /NDF:98847.3/19

All: 97.770 $\pm$ 0.017 χ^2 /NDF: 200635.7/37

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: -35.818 ± 503.150 χ^2/NDF : 2.9/1

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -844.799 ± 621.108 χ^2/NDF : 0.0/0

Left: -356.354 ± 390.964 χ^2/NDF : 3.9/2

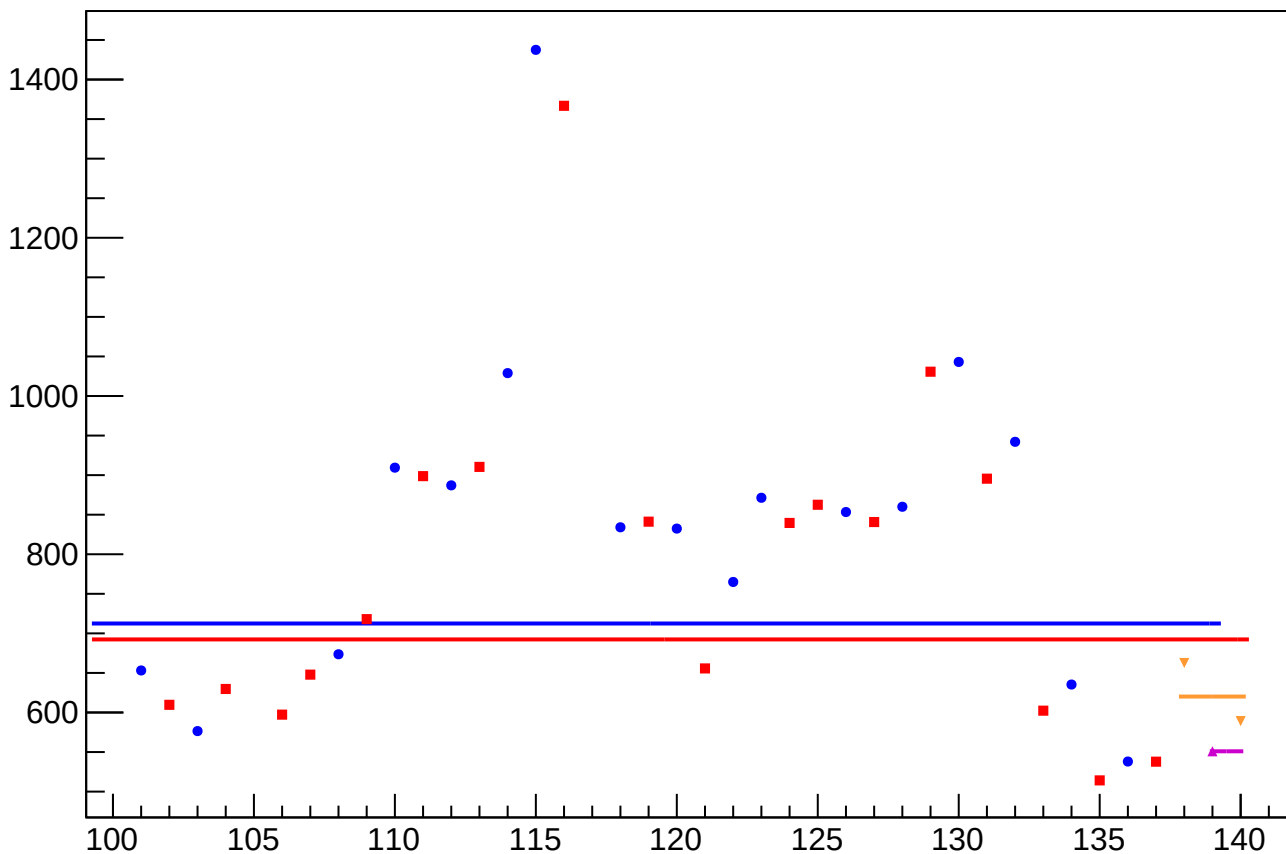
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -284.457 ± 256.908 χ^2/NDF : 15.6/17

Out: -386.744 ± 236.545 χ^2/NDF : 23.1/19

All: -339.815 ± 174.017 χ^2/NDF : 38.8/37

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 620.144+/-0.356 χ^2/NDF : 10401.5/1

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 550.960+/-0.439 χ^2/NDF : 0.0/0

Left: 592.731+/-0.276 χ^2/NDF : 25384.0/2

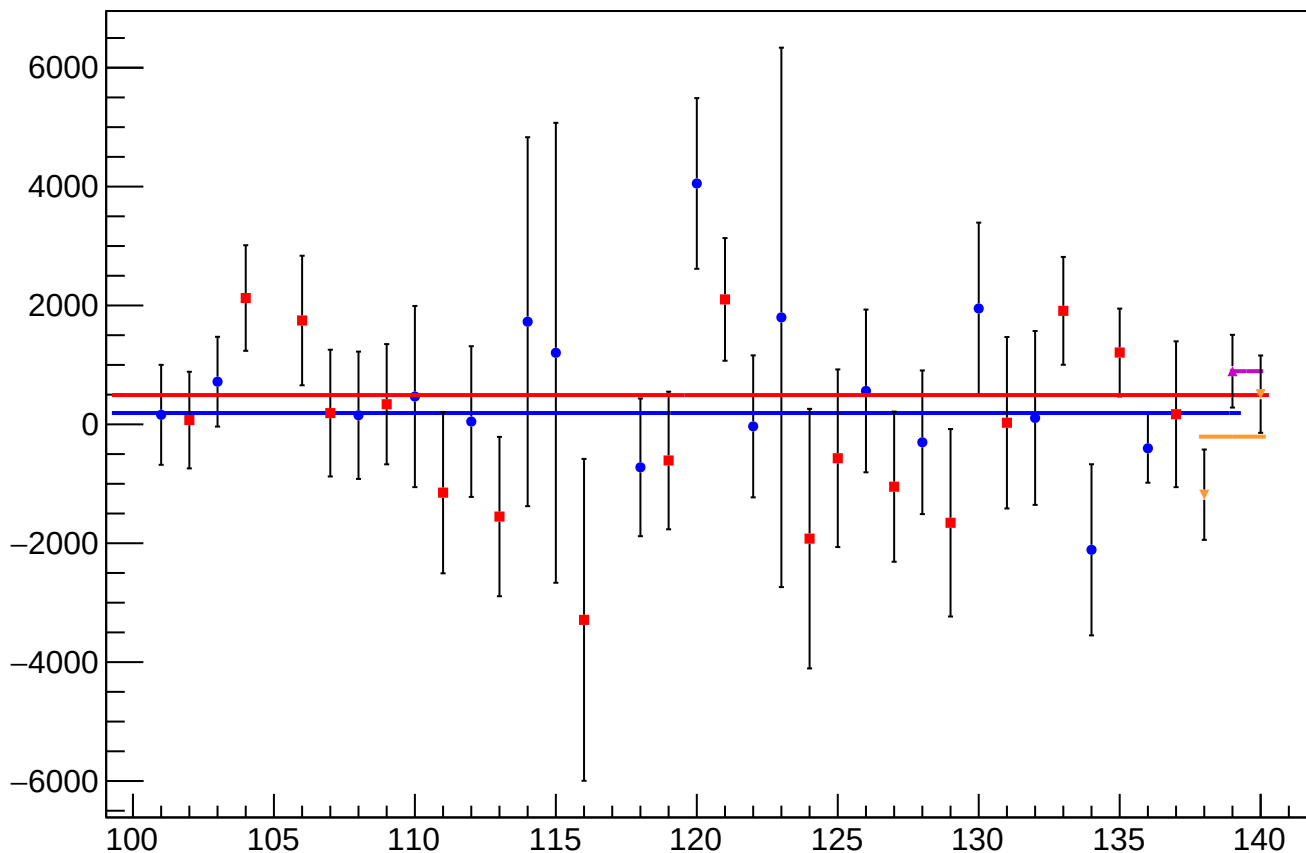
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 684.842+/-0.182 χ^2/NDF : 772628.5/17

Out: 676.385+/-0.167 χ^2/NDF : 699433.3/19

All: 680.265+/-0.123 χ^2/NDF : 1473234.9/37

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -207.157+/-494.151 χ^2/NDF : 2.9/1

Right Out: 492.784+/-264.629 χ^2/NDF : 22.8/17

Left In: 894.500+/-611.763 χ^2/NDF : 0.0/0

Left: 227.822+/-384.410 χ^2/NDF : 4.8/2

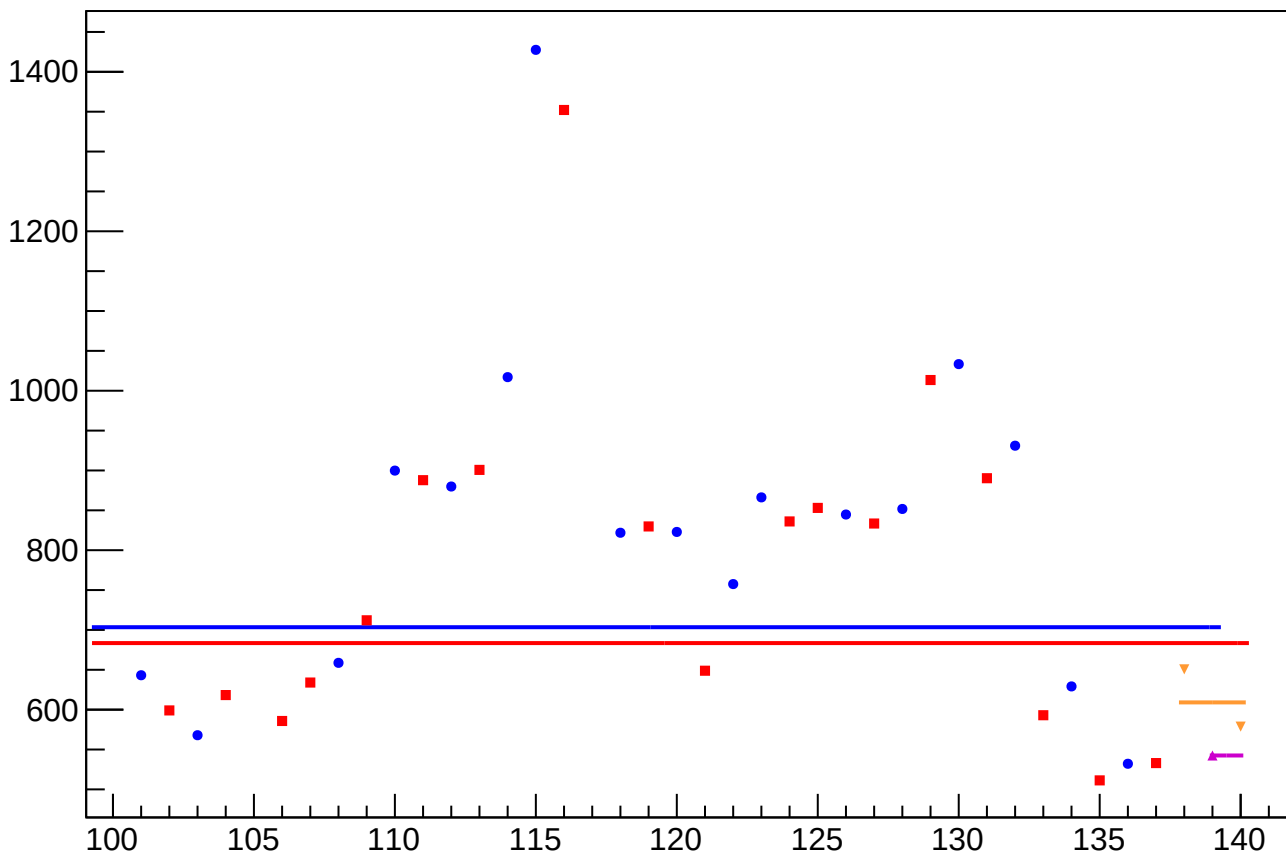
Right: 349.629+/-191.893 χ^2/NDF : 37.6/34

In: 311.791+/-253.599 χ^2/NDF : 15.3/17

Out: 336.789+/-233.284 χ^2/NDF : 27.2/19

All: 325.331+/-171.690 χ^2/NDF : 42.5/37

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 609.091 $\pm$ 0.349 χ^2 /NDF:10314.1/1

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 542.513 $\pm$ 0.433 χ^2 /NDF:0.0/0

Left: 582.803 $\pm$ 0.272 χ^2 /NDF: 24648.6/2

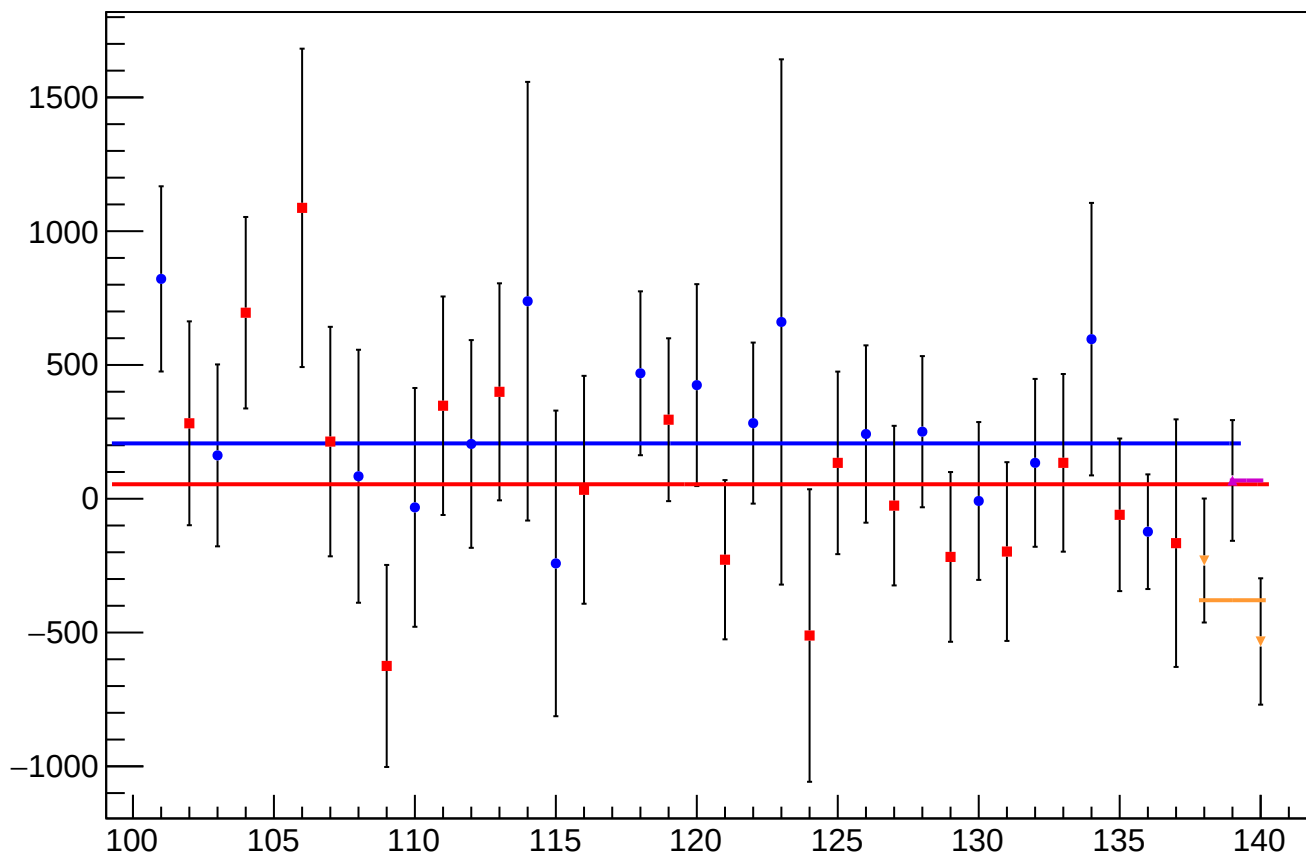
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 675.758 $\pm$ 0.179 χ^2 /NDF:781450.1/17

Out: 666.911 $\pm$ 0.165 χ^2 /NDF:704905.0/19

All: 670.966 $\pm$ 0.121 χ^2 /NDF: 1487673.7/37

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -379.246 $\pm$ 165.382 χ^2 /NDF:0.8/1

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: 68.347 $\pm$ 225.592 χ^2 /NDF:0.0/0

Left: -222.782 $\pm$ 133.380 χ^2 /NDF: 3.4/2

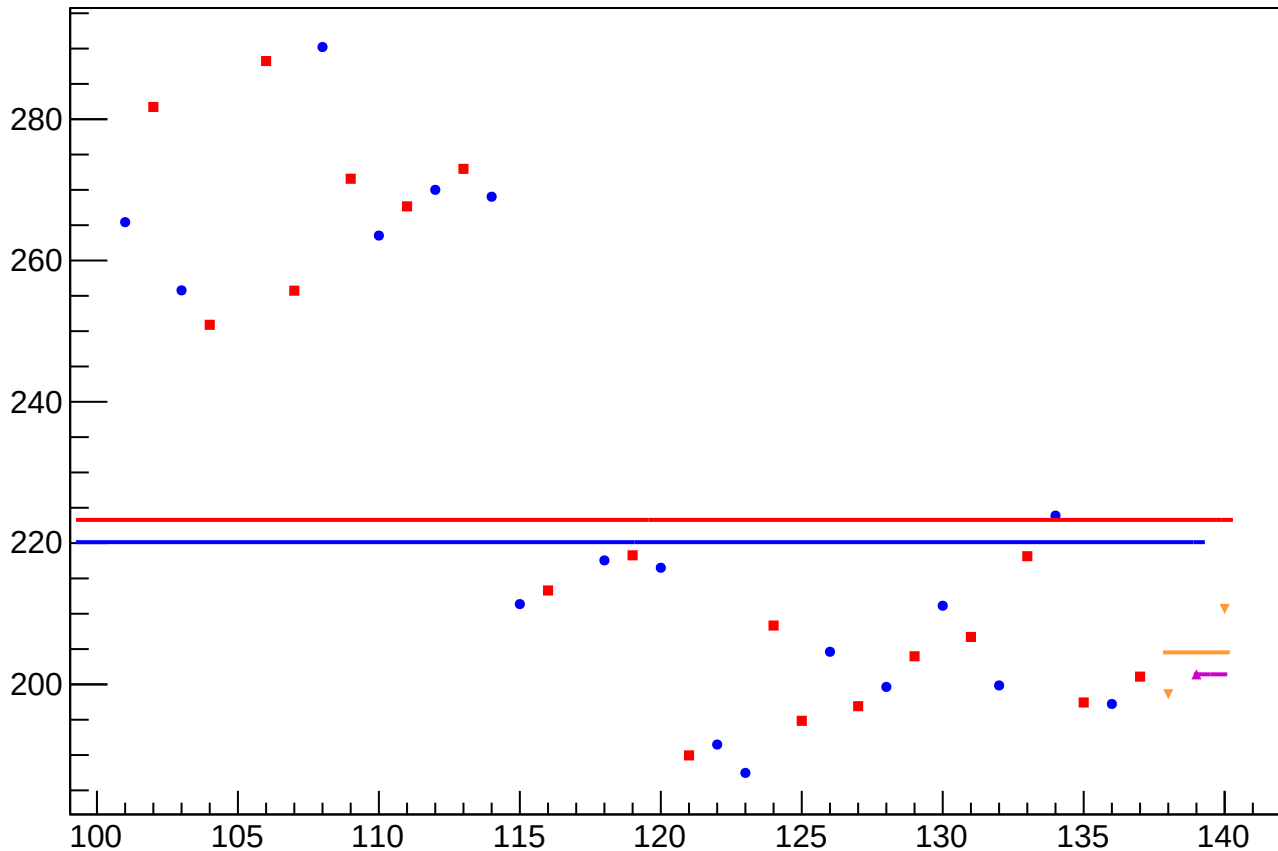
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: 189.428 $\pm$ 80.058 χ^2 /NDF:9.8/17

Out: -36.708 $\pm$ 75.735 χ^2 /NDF:21.9/19

All: 70.089 $\pm$ 55.017 χ^2 /NDF: 36.0/37

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 204.528+/-0.117 χ^2/NDF : 2662.0/1

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 201.422+/-0.160 χ^2/NDF : 0.0/0

Left: 203.443+/-0.094 χ^2/NDF : 2908.5/2

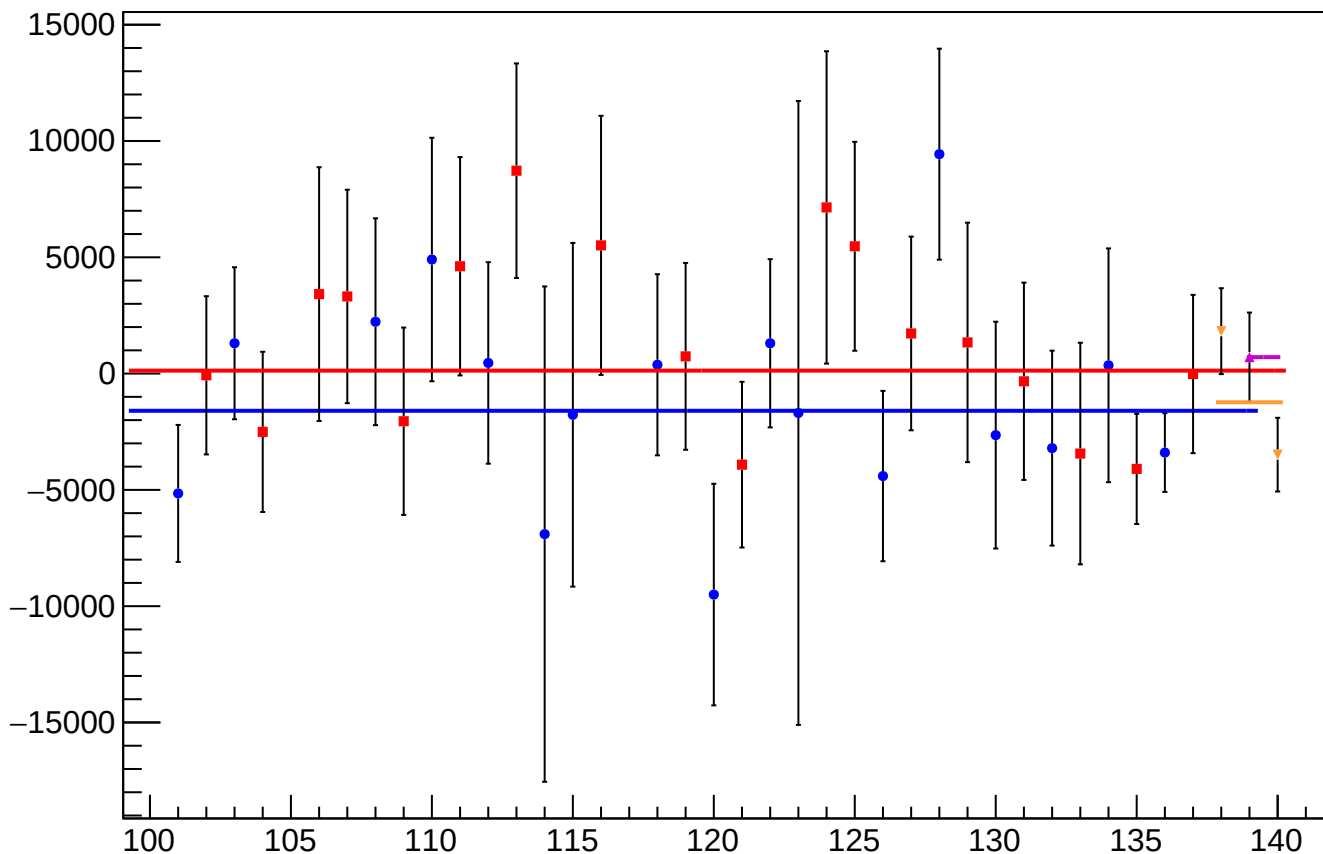
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 217.776+/-0.057 χ^2/NDF : 240468.9/17

Out: 219.354+/-0.054 χ^2/NDF : 295253.5/19

All: 218.609+/-0.039 χ^2/NDF : 536132.0/37

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1233.628 $\pm$ 1202.448 χ^2 /NDF:4.8/1

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: 708.003 $\pm$ 1916.264 χ^2 /NDF:0.0/0

Left: -685.094 $\pm$ 1018.530 χ^2 /NDF: 5.5/2

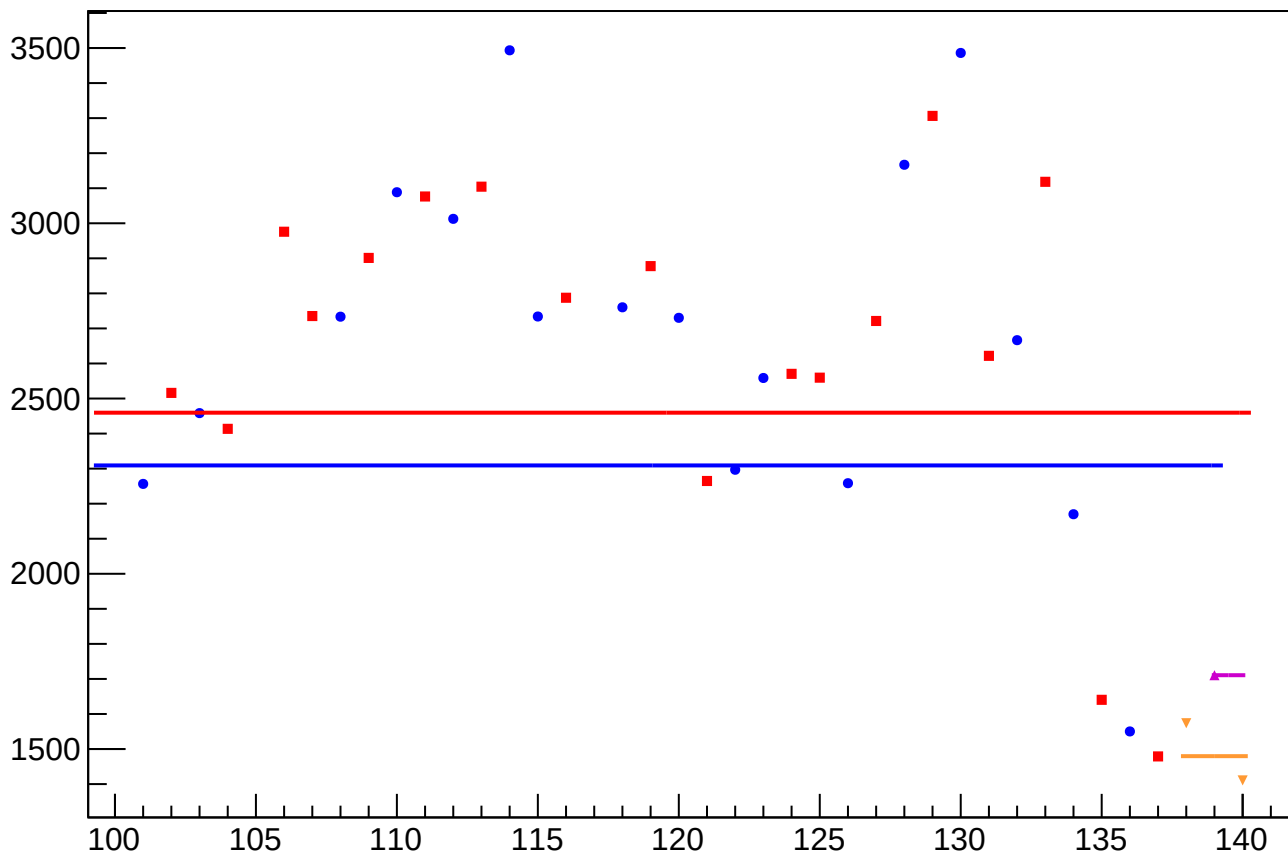
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1166.093 $\pm$ 830.132 χ^2 /NDF:17.8/17

Out: -394.817 $\pm$ 744.990 χ^2 /NDF:20.4/19

All: -738.886 $\pm$ 554.453 χ^2 /NDF: 38.7/37

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1479.678+/-0.850 χ^2/NDF : 8989.8/1

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1710.644+/-1.355 χ^2/NDF : 0.0/0

Left: 1544.929+/-0.720 χ^2/NDF : 29836.0/2

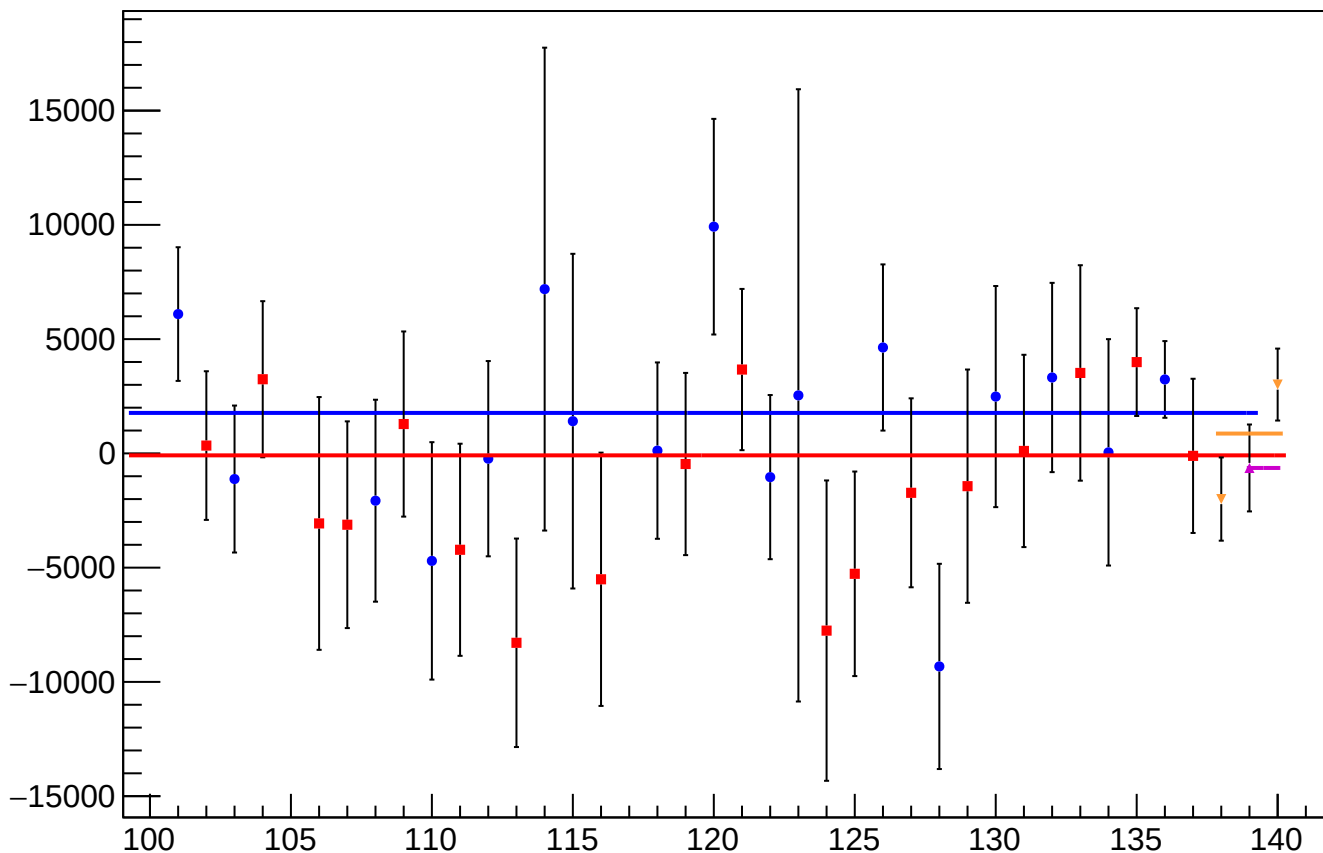
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 2196.816+/-0.587 χ^2/NDF : 959205.0/17

Out: 2083.454+/-0.527 χ^2/NDF : 1495568.5/19

All: 2134.025+/-0.392 χ^2/NDF : 2475432.3/37

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 867.606+/-1191.127 χ^2/NDF : 4.3/1

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -637.706+/-1901.763 χ^2/NDF : 0.0/0

Left: 443.474+/-1009.471 χ^2/NDF : 4.8/2

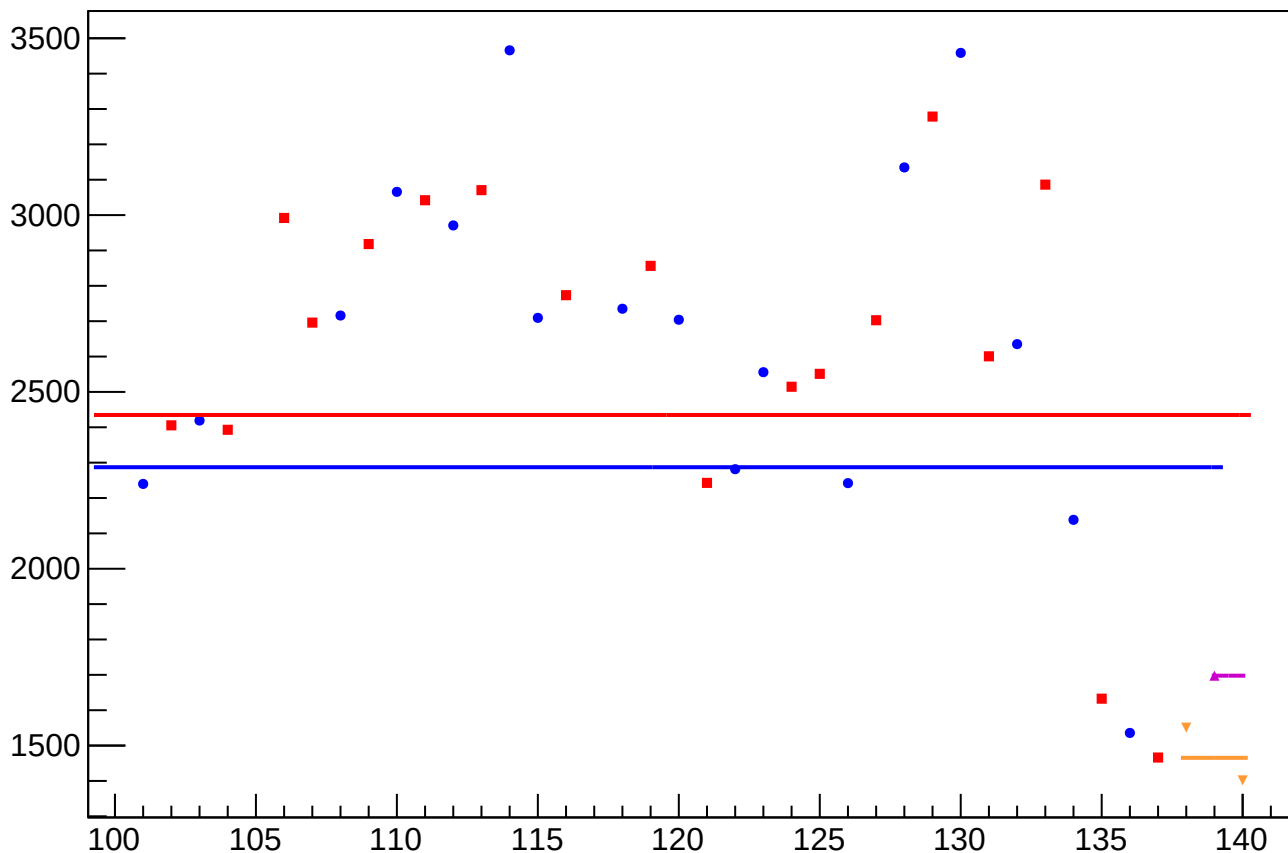
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1320.598+/-822.572 χ^2/NDF : 18.6/17

Out: 279.851+/-737.828 χ^2/NDF : 19.2/19

All: 743.869+/-549.248 χ^2/NDF : 38.7/37

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1465.357+/-0.842 χ^2/NDF : 7681.3/1

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1697.656+/-1.345 χ^2/NDF : 0.0/0

Left: 1530.809+/-0.714 χ^2/NDF : 29114.2/2

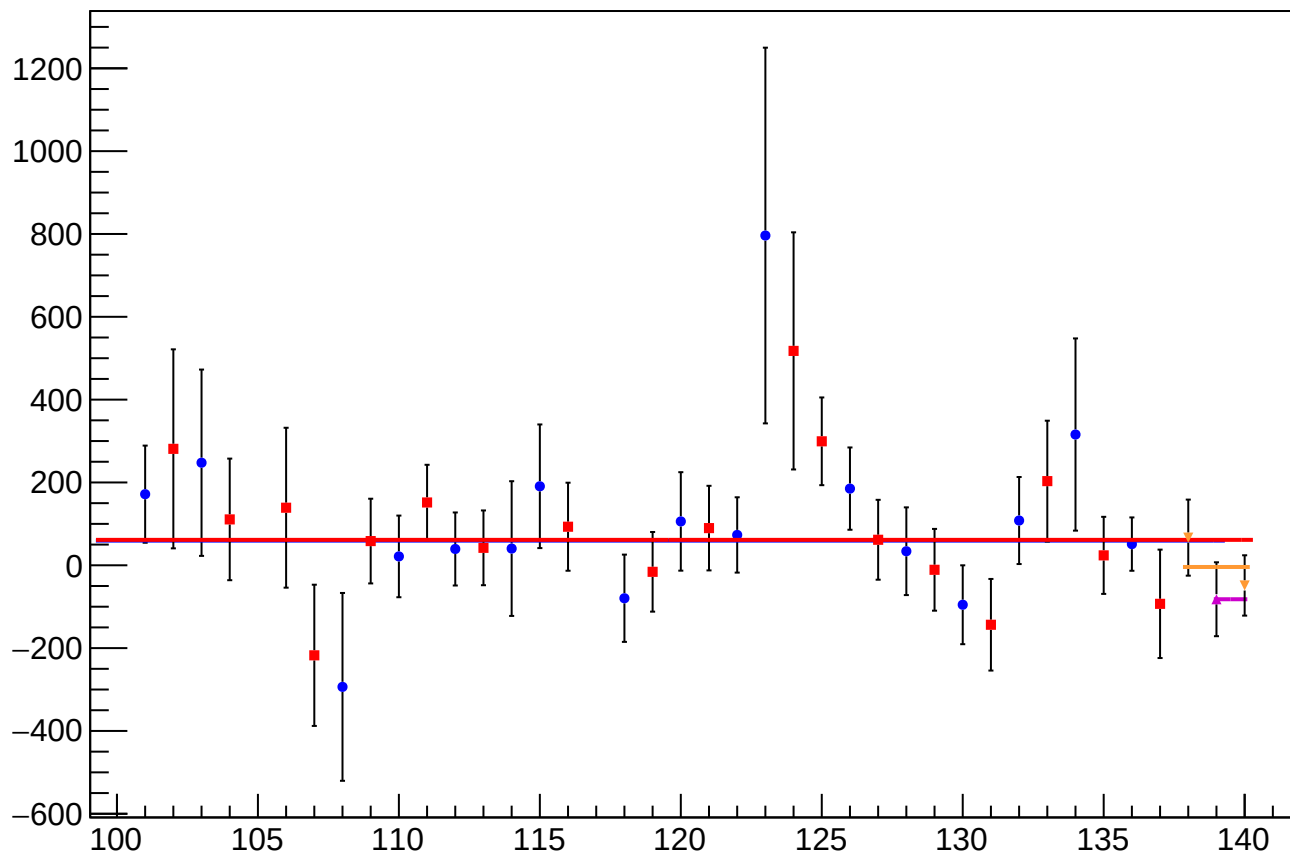
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 2176.826+/-0.582 χ^2/NDF : 955588.5/17

Out: 2062.814+/-0.522 χ^2/NDF : 1491082.5/19

All: 2113.647+/-0.388 χ^2/NDF : 2467962.7/37

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -4.085 $\pm$ 57.070 χ^2 /NDF:1.0/1

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -82.002 $\pm$ 89.235 χ^2 /NDF:0.0/0

Left: -26.703 $\pm$ 48.078 χ^2 /NDF: 1.5/2

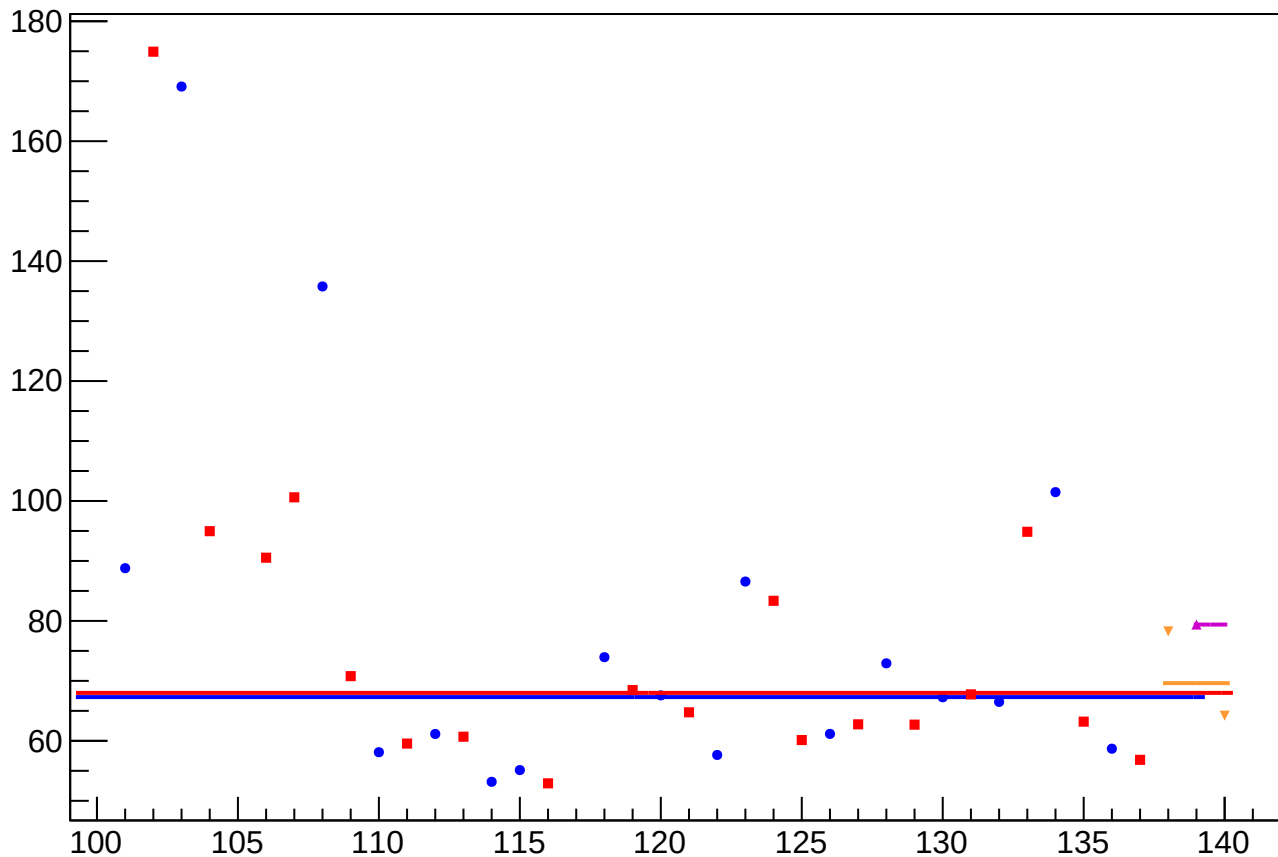
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 47.711 $\pm$ 25.913 χ^2 /NDF:17.6/17

Out: 49.415 $\pm$ 24.414 χ^2 /NDF:21.7/19

All: 48.614 $\pm$ 17.770 χ^2 /NDF: 39.4/37

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 69.623 $\pm$ 0.040 χ^2 /NDF: 28761.3/1

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 79.390 $\pm$ 0.063 χ^2 /NDF: 0.0/0

Left: 72.458 $\pm$ 0.034 χ^2 /NDF: 45767.5/2

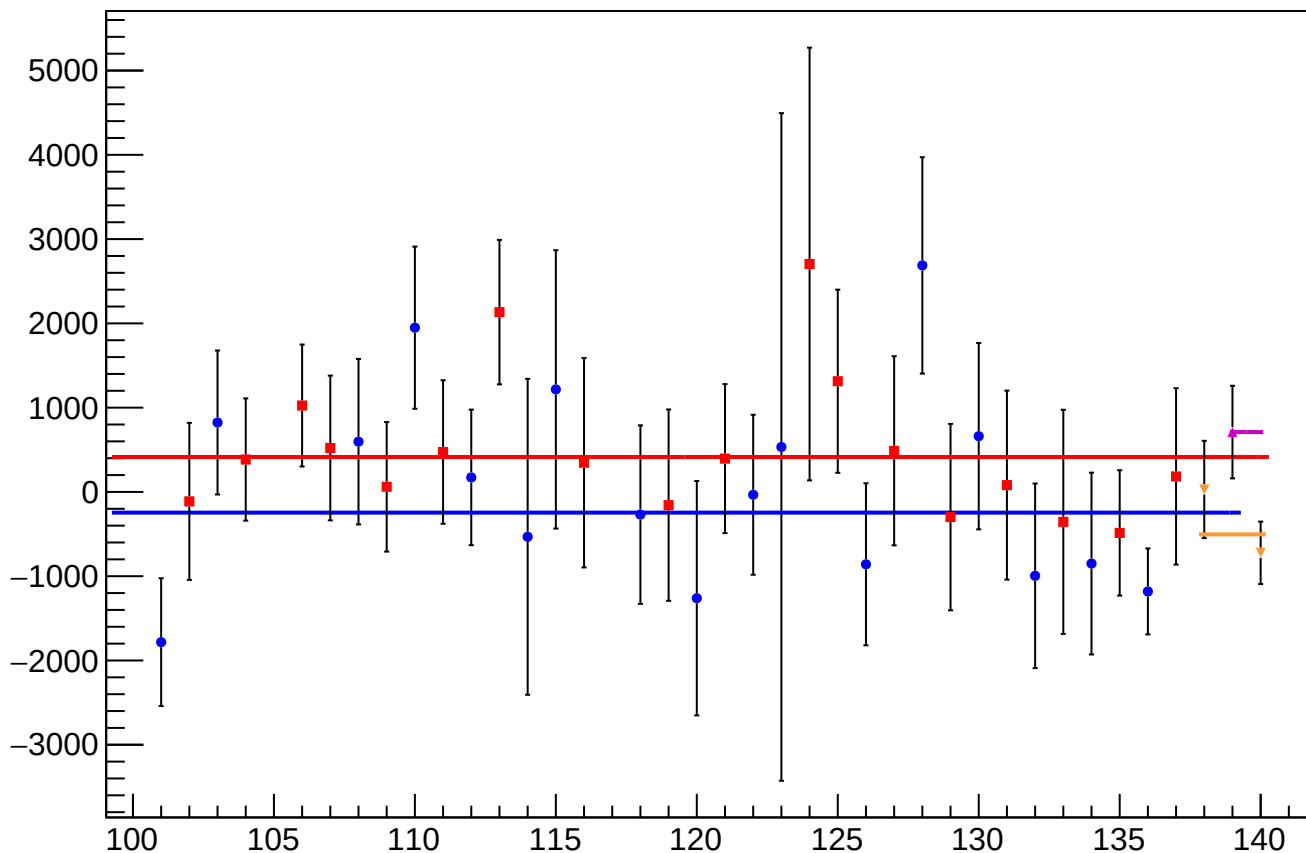
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 68.317 $\pm$ 0.018 χ^2 /NDF: 874988.3/17

Out: 68.296 $\pm$ 0.017 χ^2 /NDF: 784415.3/19

All: 68.305 $\pm$ 0.013 χ^2 /NDF: 1659404.3/37

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 $\chi^2/\text{NDF}: 23.8/16$

Left Out: -503.335 ± 311.893 $\chi^2/\text{NDF}: 1.2/1$

Right Out: 414.725 ± 222.788 $\chi^2/\text{NDF}: 9.4/17$

Left In: 710.296 ± 549.624 $\chi^2/\text{NDF}: 0.0/0$

Left: -207.719 ± 271.261 $\chi^2/\text{NDF}: 4.9/2$

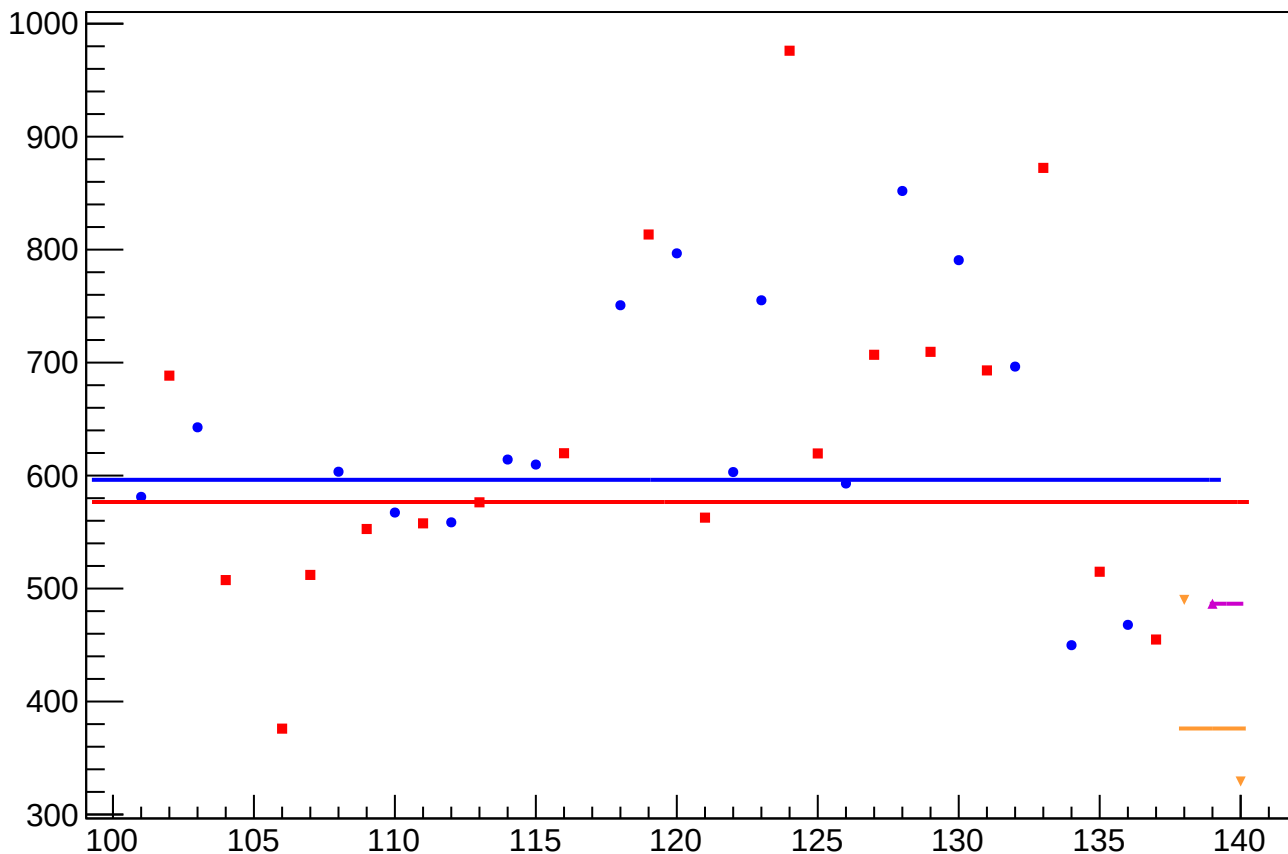
Right: 102.716 ± 161.811 $\chi^2/\text{NDF}: 37.3/34$

In: -97.456 ± 216.392 $\chi^2/\text{NDF}: 26.3/17$

Out: 104.556 ± 181.288 $\chi^2/\text{NDF}: 16.3/19$

All: 21.244 ± 138.965 $\chi^2/\text{NDF}: 43.1/37$

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 376.124+/-0.221 χ^2/NDF :109802.7/1

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 486.567+/-0.389 χ^2/NDF :0.0/0

Left: 403.026+/-0.192 χ^2/NDF : 170888.4/2

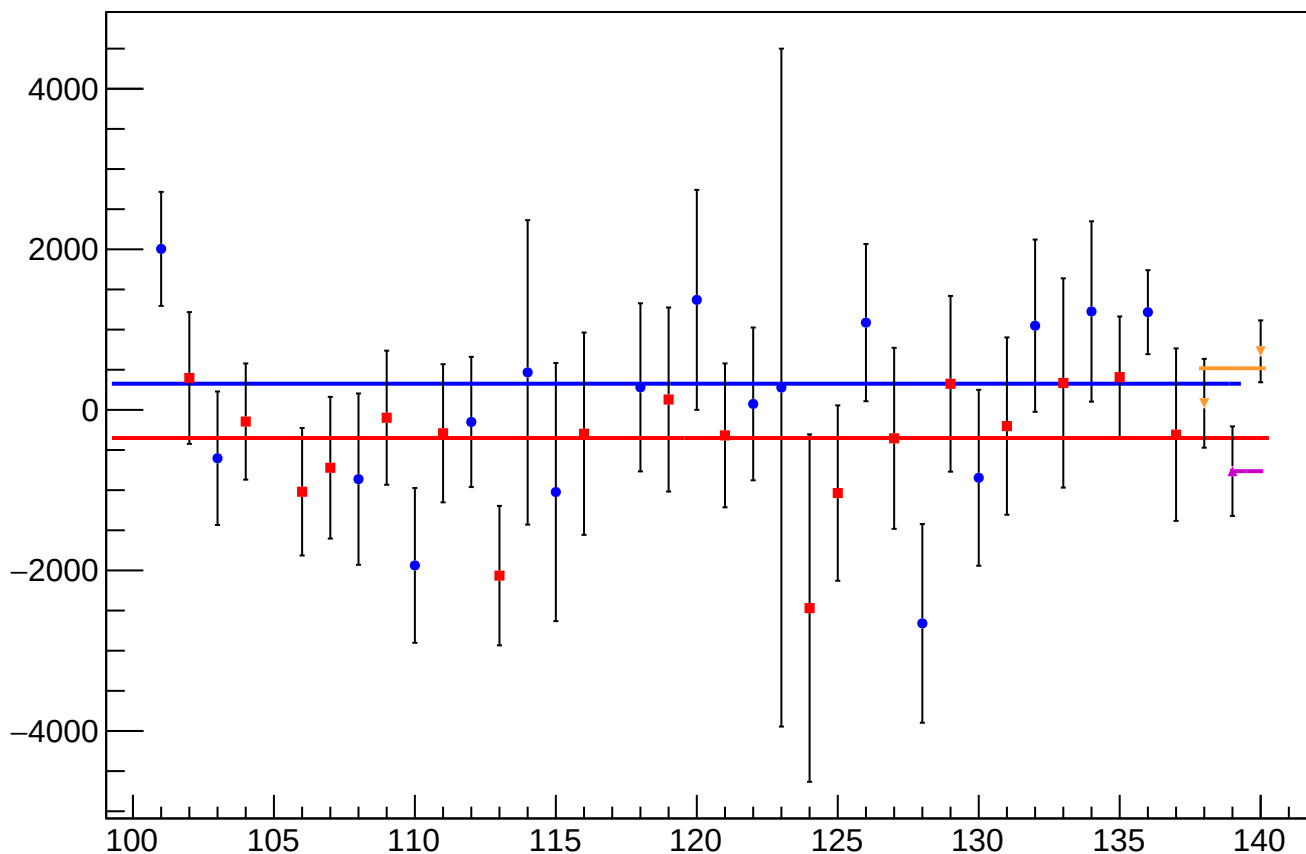
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 579.245+/-0.153 χ^2/NDF :489450.3/17

Out: 508.878+/-0.128 χ^2/NDF :1230681.0/19

All: 537.898+/-0.098 χ^2/NDF : 1844399.2/37

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 517.905 $\pm$ 316.391 χ^2 /NDF:0.9/1

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -763.420 $\pm$ 557.762 χ^2 /NDF:0.0/0

Left: 205.977 $\pm$ 275.198 χ^2 /NDF: 4.9/2

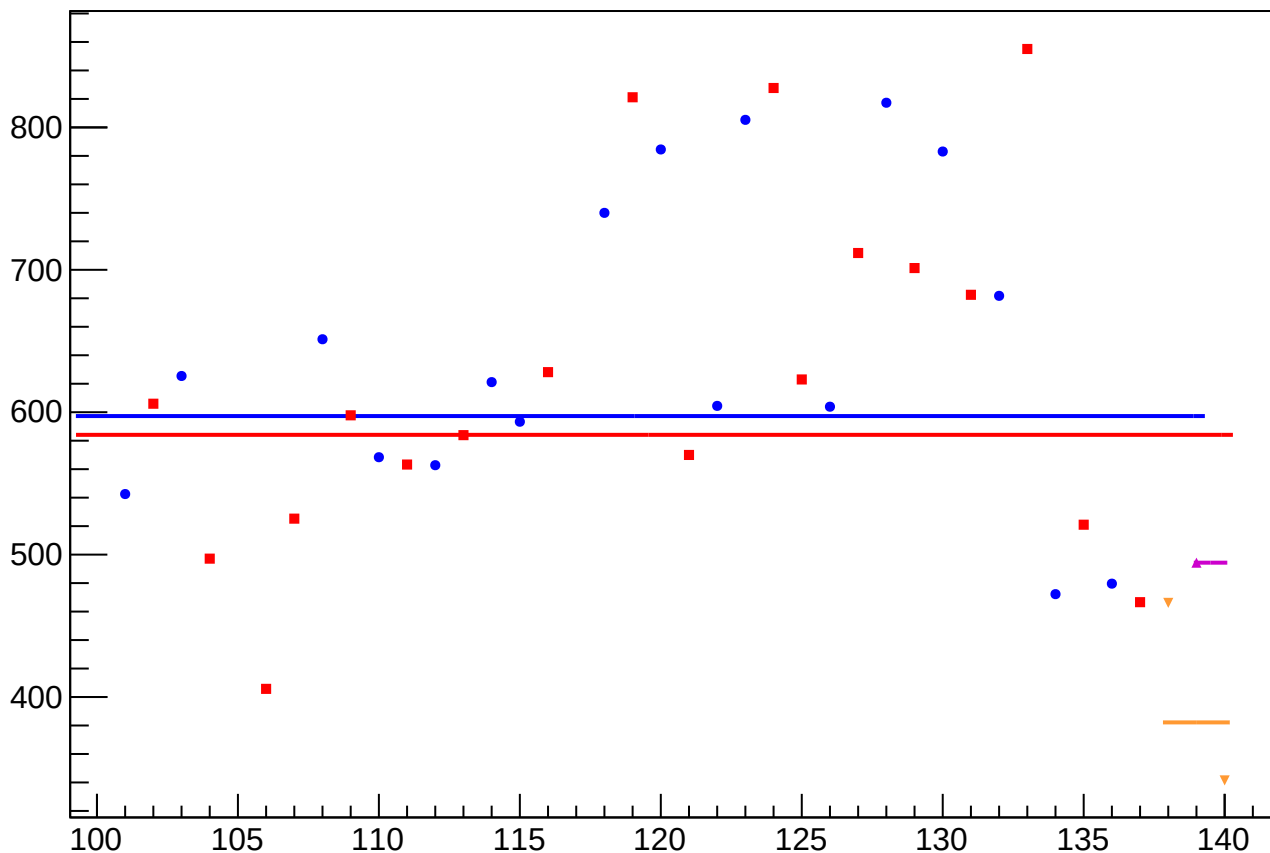
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: 161.118 $\pm$ 217.032 χ^2 /NDF:30.1/17

Out: -58.320 $\pm$ 183.500 χ^2 /NDF:14.9/19

All: 33.156 $\pm$ 140.126 χ^2 /NDF: 45.6/37

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 382.177 $\pm$ 0.224 χ^2 /NDF: 68316.4/1

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 494.341 $\pm$ 0.394 χ^2 /NDF: 0.0/0

Left: 409.482 $\pm$ 0.195 χ^2 /NDF: 129506.4/2

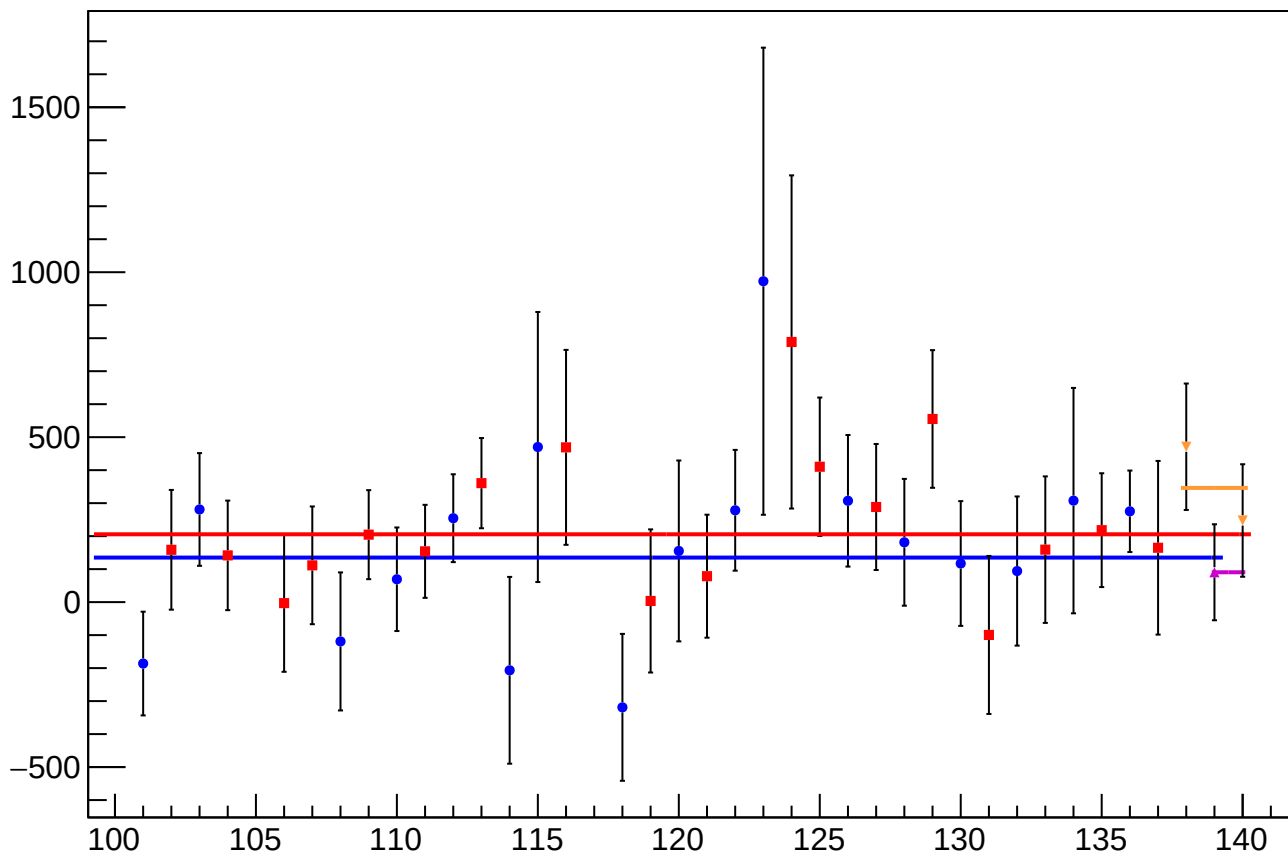
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 581.709 $\pm$ 0.153 χ^2 /NDF: 421487.5/17

Out: 516.187 $\pm$ 0.130 χ^2 /NDF: 1055864.5/19

All: 543.501 $\pm$ 0.099 χ^2 /NDF: 1583653.6/37

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 346.199 $\pm$ 127.373 χ^2 /NDF:0.8/1

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 90.473 $\pm$ 145.476 χ^2 /NDF:0.0/0

Left: 235.228 $\pm$ 95.831 χ^2 /NDF: 2.5/2

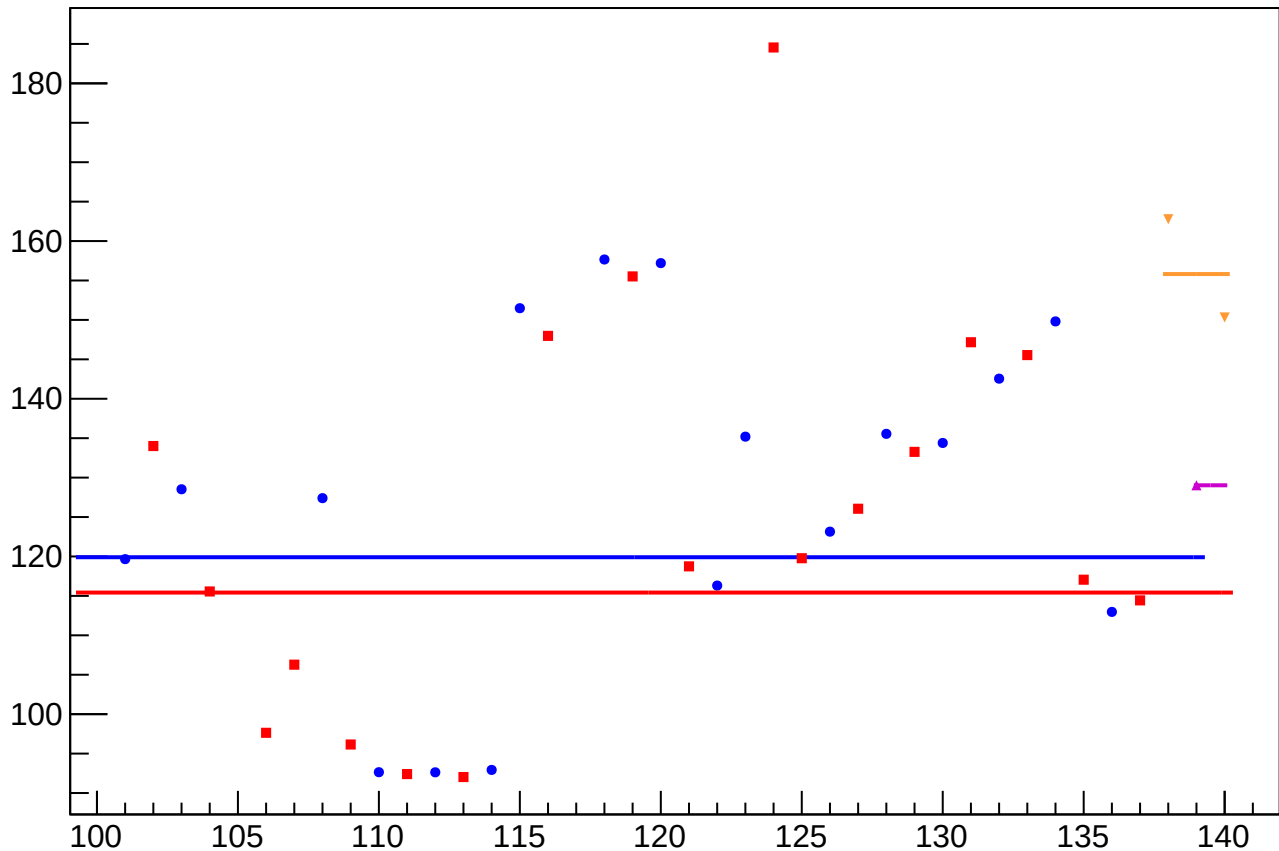
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 130.814 $\pm$ 44.745 χ^2 /NDF:18.1/17

Out: 220.907 $\pm$ 42.040 χ^2 /NDF:13.9/19

All: 178.666 $\pm$ 30.638 χ^2 /NDF: 34.2/37

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 155.815 $\pm$ 0.090 χ^2 /NDF: 4718.0/1

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 129.026 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Left: 144.190 $\pm$ 0.068 χ^2 /NDF: 43109.8/2

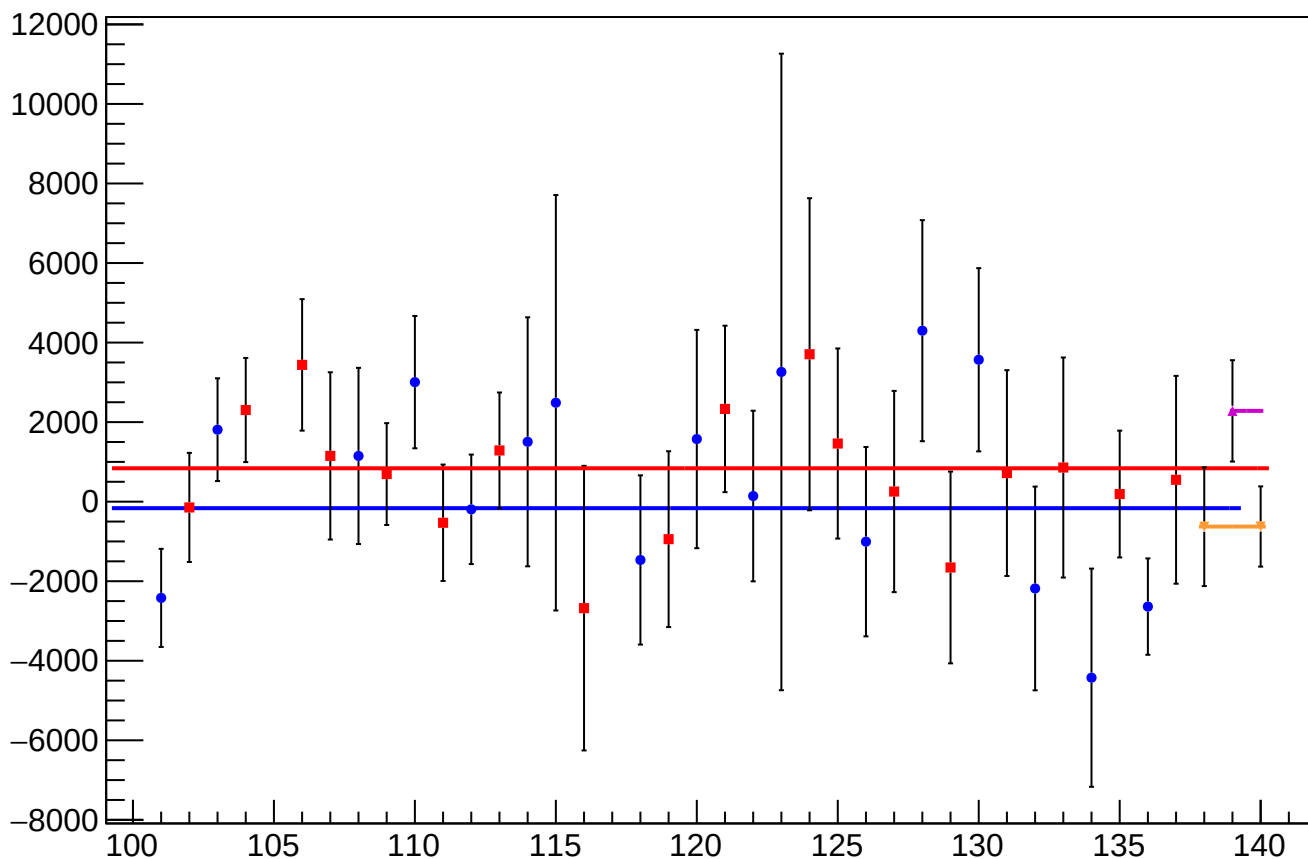
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 120.766 $\pm$ 0.032 χ^2 /NDF: 352630.9/17

Out: 119.822 $\pm$ 0.030 χ^2 /NDF: 602044.0/19

All: 120.265 $\pm$ 0.022 χ^2 /NDF: 955147.7/37

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -625.921+/-835.910 χ^2/NDF : 0.0/1

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 2282.788+/-1274.435 χ^2/NDF : 0.0/0

Left: 249.028+/-698.971 χ^2/NDF : 3.6/2

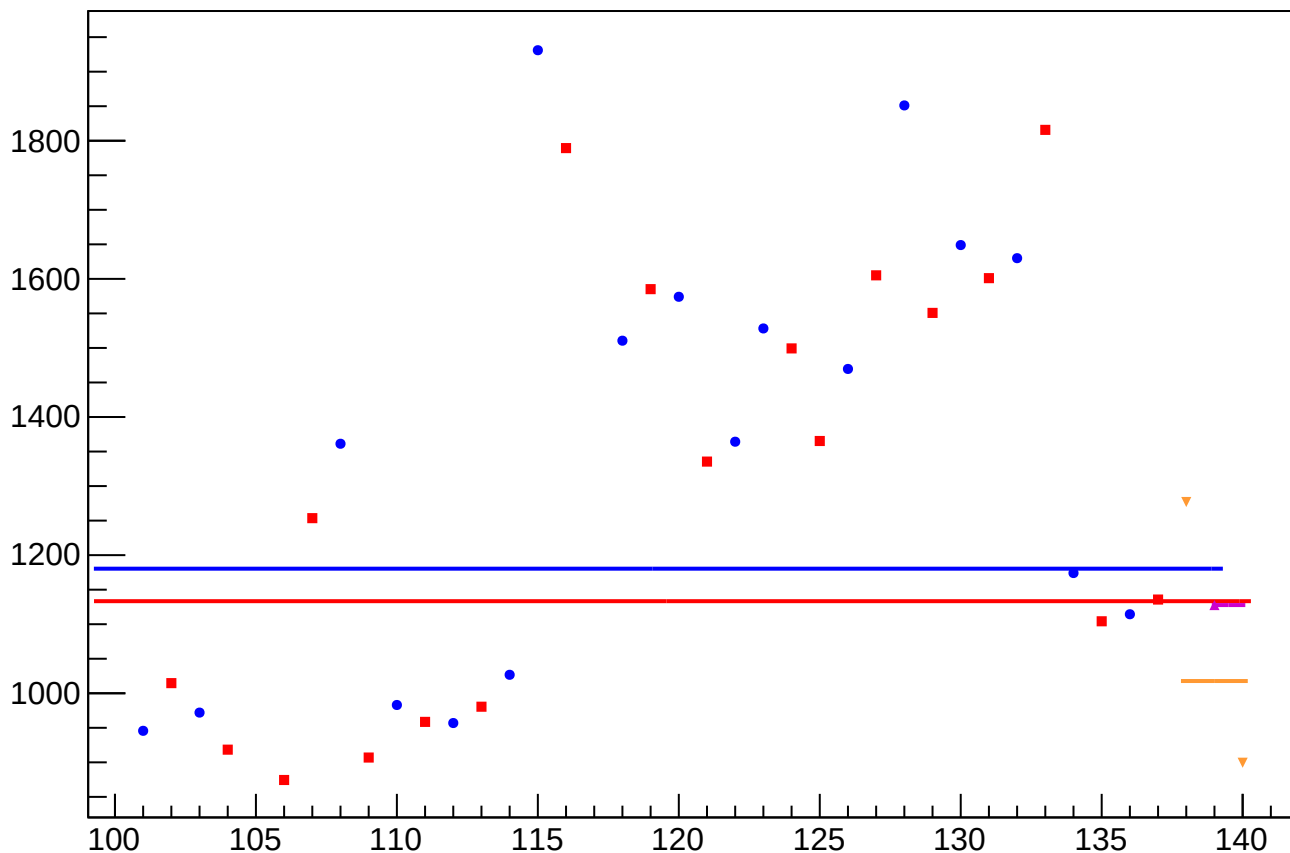
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 128.897+/-440.631 χ^2/NDF : 27.0/17

Out: 520.784+/-389.684 χ^2/NDF : 11.7/19

All: 348.796+/-291.907 χ^2/NDF : 39.1/37

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 1017.743+/-0.591 χ^2/NDF : 87763.4/1

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 1127.723+/-0.901 χ^2/NDF : 0.0/0

Left: 1050.826+/-0.494 χ^2/NDF : 98177.4/2

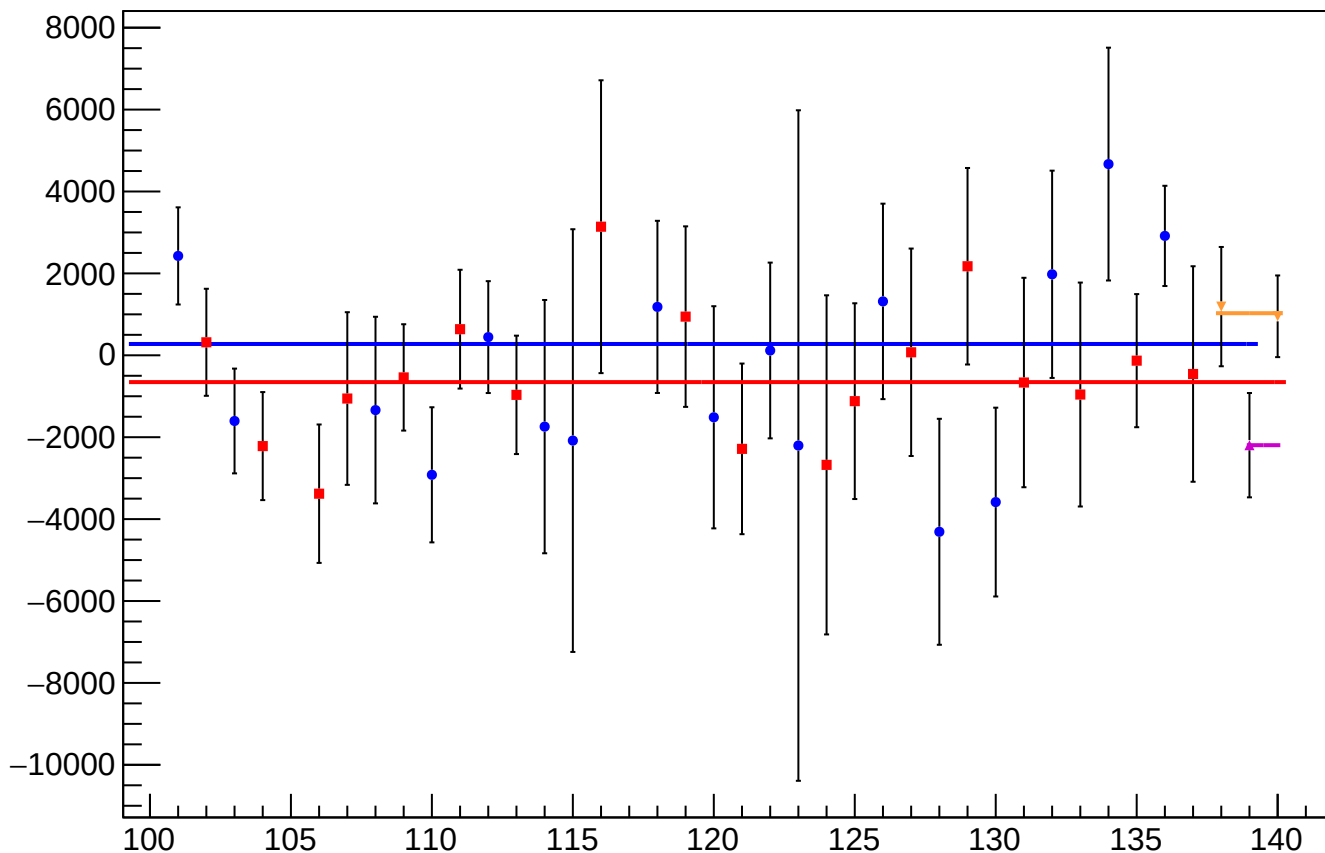
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1174.106+/-0.312 χ^2/NDF : 671854.3/17

Out: 1108.223+/-0.276 χ^2/NDF : 878098.1/19

All: 1137.137+/-0.206 χ^2/NDF : 1575041.0/37

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1028.026+/-822.829 χ^2/NDF : 0.0/1

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -2194.817+/-1273.871 χ^2/NDF : 0.0/0

Left: 79.238+/-691.179 χ^2/NDF : 4.5/2

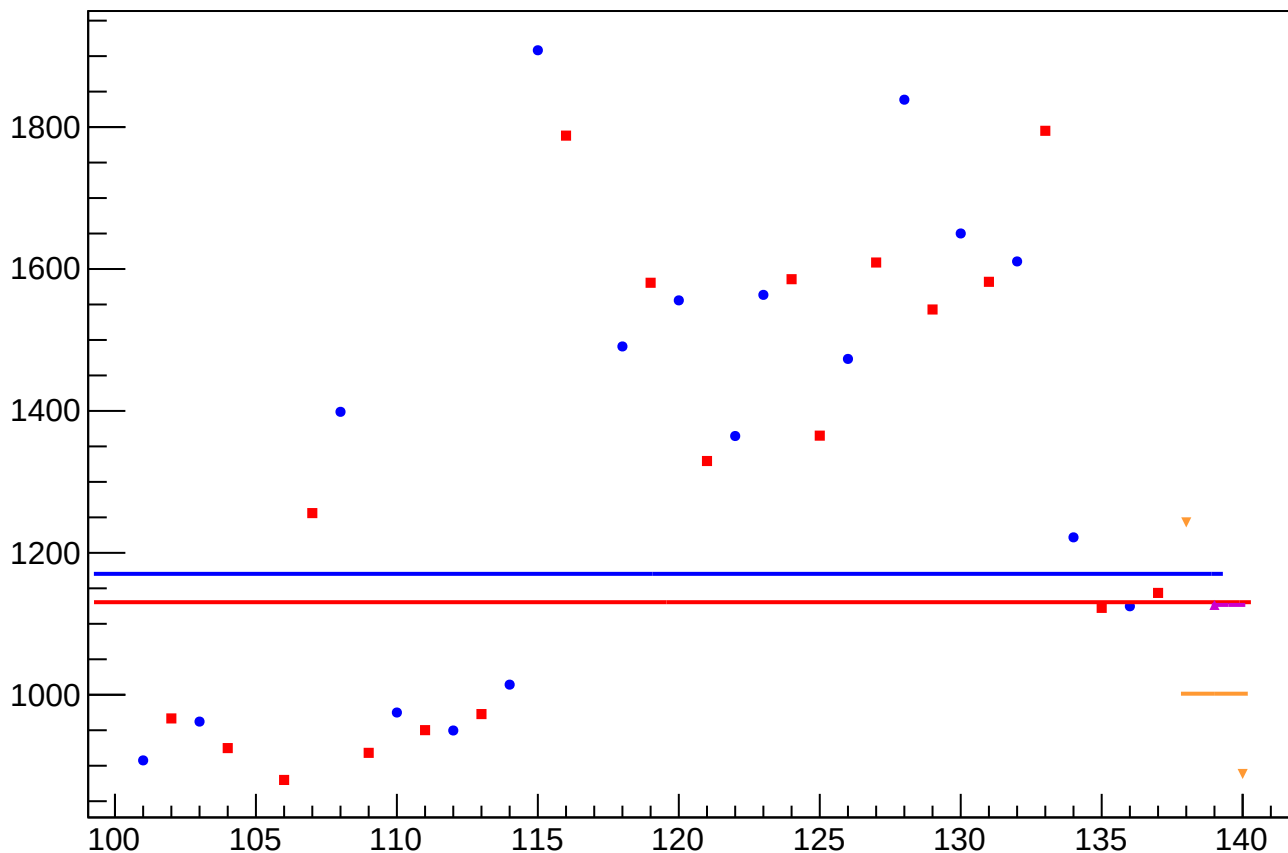
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -15.717+/-437.988 χ^2/NDF : 27.6/17

Out: -280.528+/-387.887 χ^2/NDF : 12.8/19

All: -164.128+/-290.383 χ^2/NDF : 40.7/37

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 1001.517 $\pm$ 0.582 χ^2 /NDF: 80683.4/1

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 1126.632 $\pm$ 0.901 χ^2 /NDF: 0.0/0

Left: 1038.350 $\pm$ 0.489 χ^2 /NDF: 94296.7/2

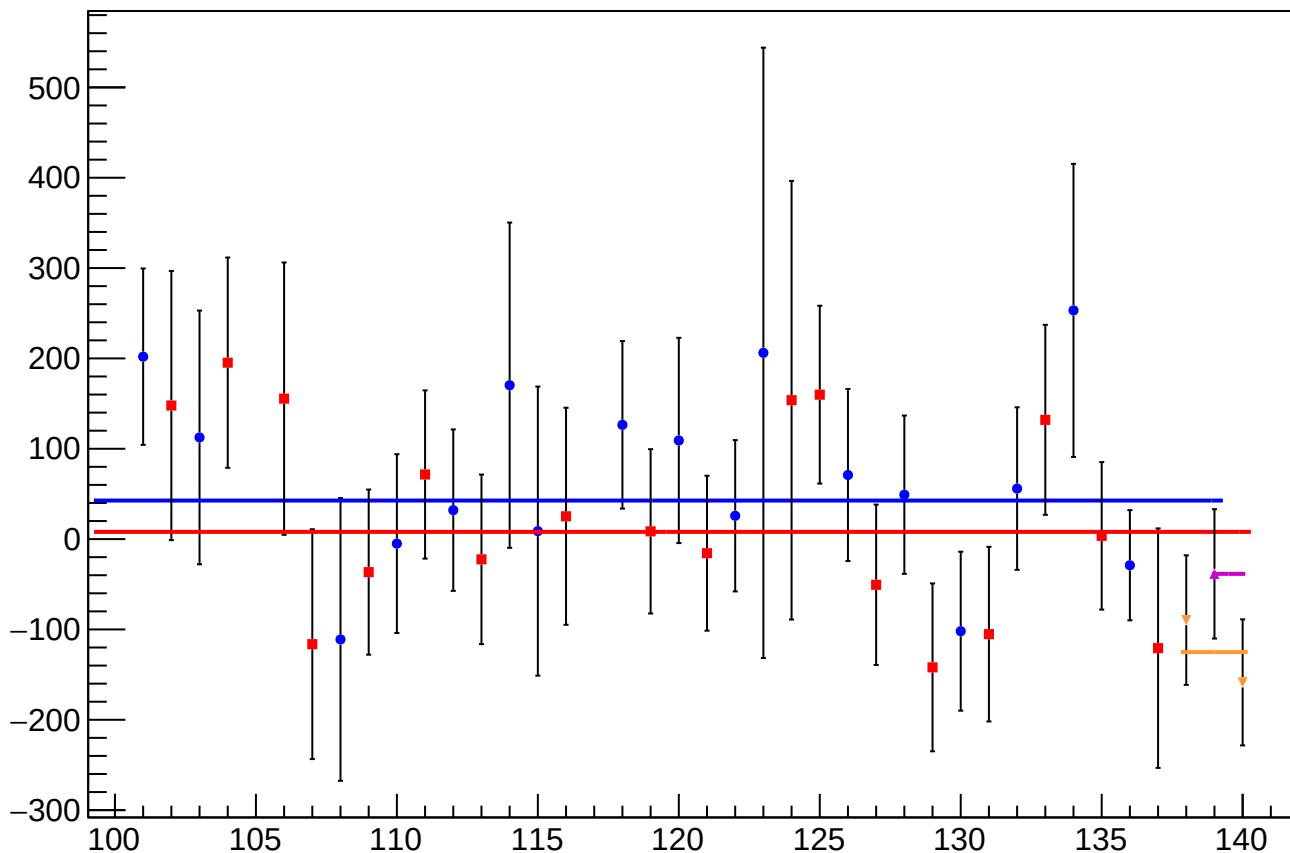
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1165.230 $\pm$ 0.310 χ^2 /NDF: 707569.0/17

Out: 1101.803 $\pm$ 0.274 χ^2 /NDF: 881908.5/19

All: 1129.683 $\pm$ 0.205 χ^2 /NDF: 1612983.7/37

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -125.069 $\pm$ 50.005 χ^2 /NDF:0.5/1

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -38.486 $\pm$ 71.588 χ^2 /NDF:0.0/0

Left: -96.676 $\pm$ 40.994 χ^2 /NDF: 1.5/2

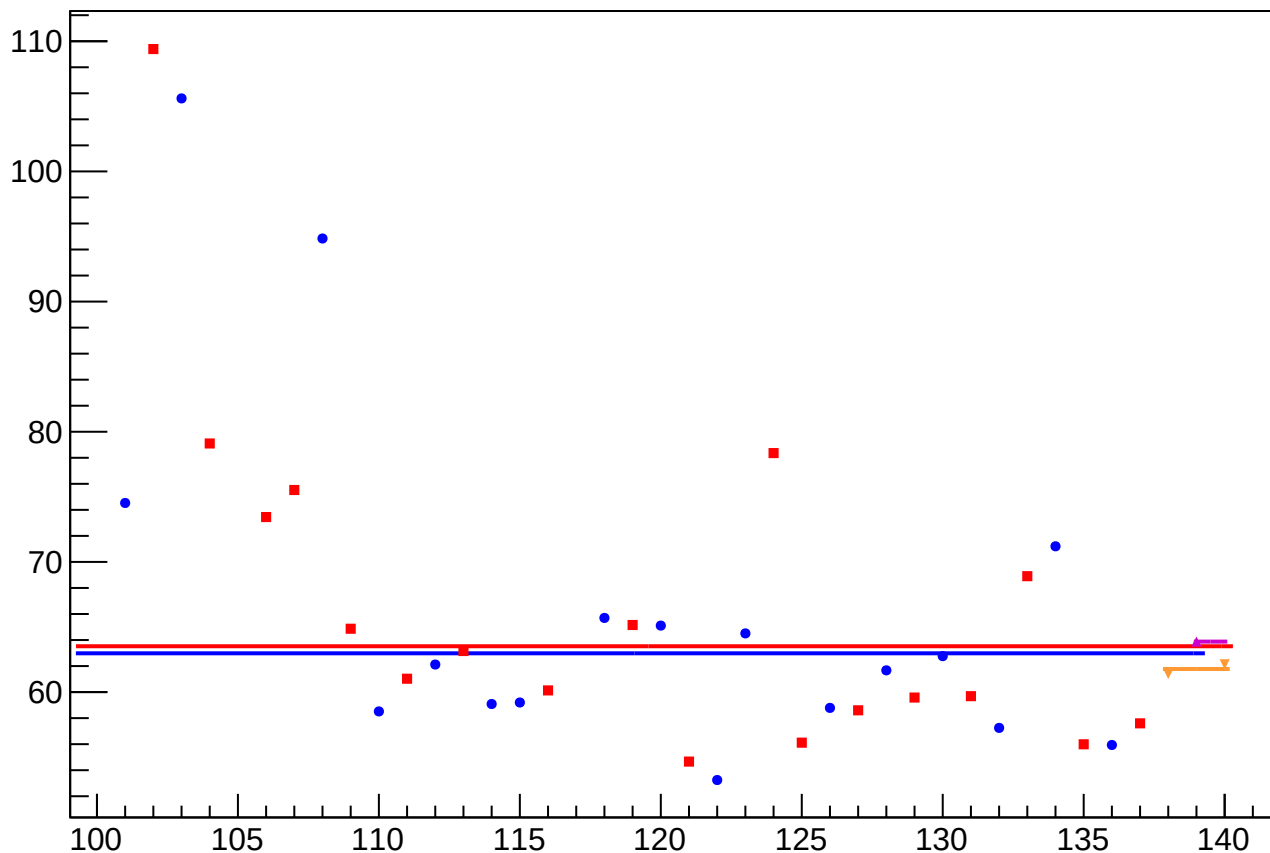
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: 34.039 $\pm$ 23.350 χ^2 /NDF:13.1/17

Out: -17.751 $\pm$ 21.996 χ^2 /NDF:22.0/19

All: 6.599 $\pm$ 16.011 χ^2 /NDF: 37.7/37

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.774 $\pm$ 0.035 χ^2 /NDF:110.2/1

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 63.879 $\pm$ 0.051 χ^2 /NDF:0.0/0

Left: 62.464 $\pm$ 0.029 χ^2 /NDF: 1272.0/2

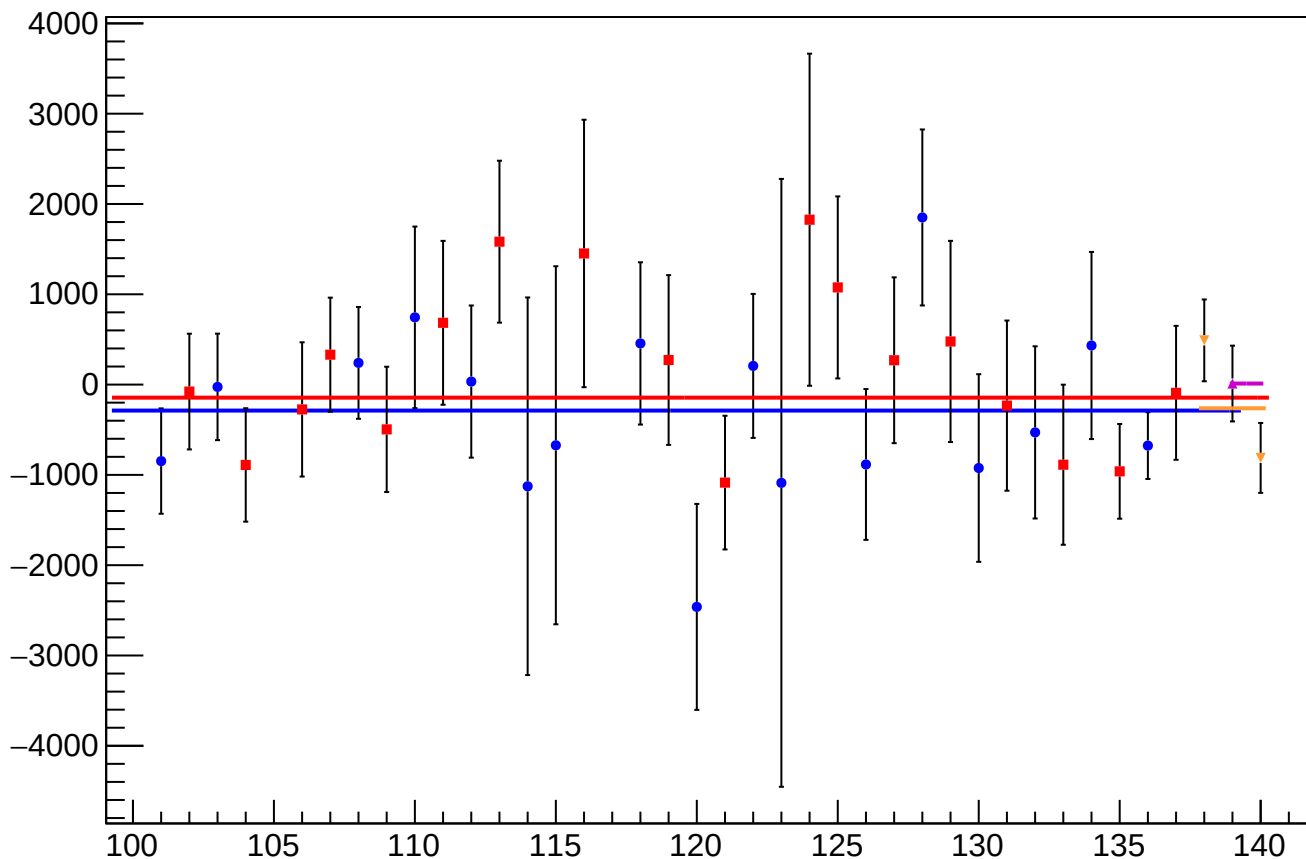
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.076 $\pm$ 0.017 χ^2 /NDF:375545.0/17

Out: 63.184 $\pm$ 0.016 χ^2 /NDF:337512.2/19

All: 63.133 $\pm$ 0.011 χ^2 /NDF: 713080.0/37

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -262.582 ± 294.222 $\chi^2/\text{NDF}: 4.8/1$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: 11.546 ± 419.528 $\chi^2/\text{NDF}: 0.0/0$

Left: -172.205 ± 240.887 $\chi^2/\text{NDF}: 5.1/2$

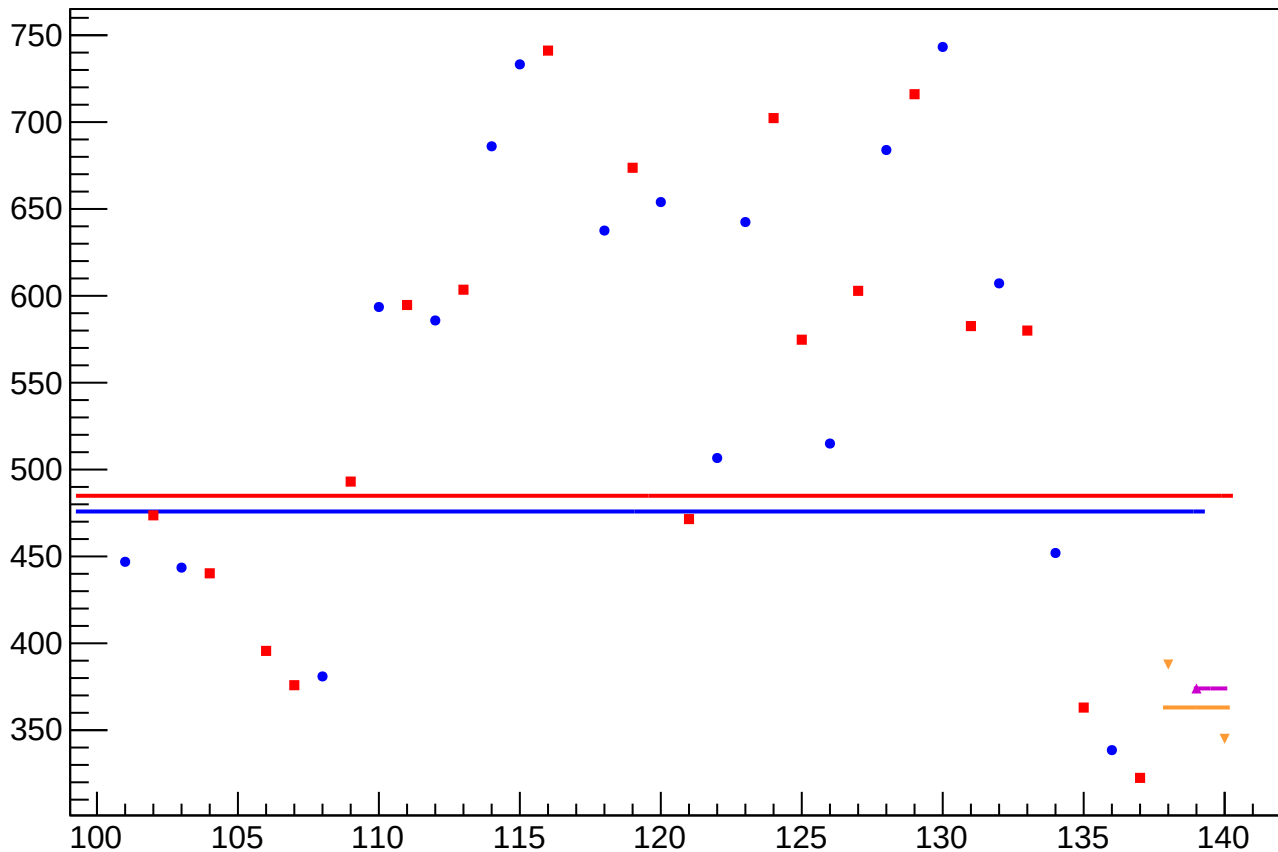
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -236.804 ± 172.993 $\chi^2/\text{NDF}: 15.8/17$

Out: -178.764 ± 158.287 $\chi^2/\text{NDF}: 21.0/19$

All: -205.212 ± 116.779 $\chi^2/\text{NDF}: 36.8/37$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 363.065+/-0.208 χ^2/NDF : 10294.4/1

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 374.019+/-0.297 χ^2/NDF : 0.0/0

Left: 366.677+/-0.170 χ^2/NDF : 11208.4/2

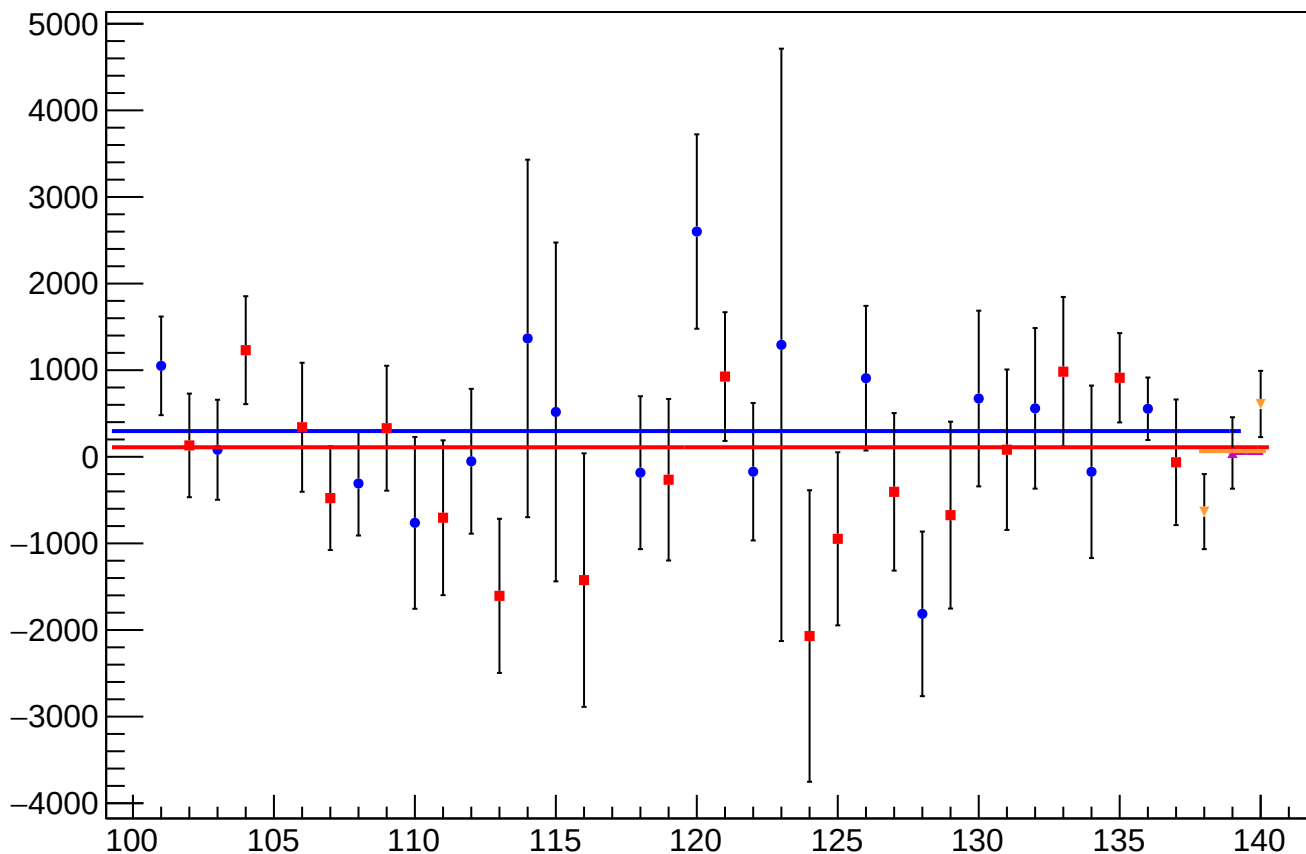
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 458.553+/-0.122 χ^2/NDF : 935646.1/17

Out: 449.647+/-0.112 χ^2/NDF : 970350.7/19

All: 453.705+/-0.083 χ^2/NDF : 1908881.5/37

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 65.005 $\pm$ 286.764 χ^2 /NDF:4.6/1

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 44.107 $\pm$ 412.451 χ^2 /NDF:0.0/0

Left: 58.195 $\pm$ 235.449 χ^2 /NDF: 4.6/2

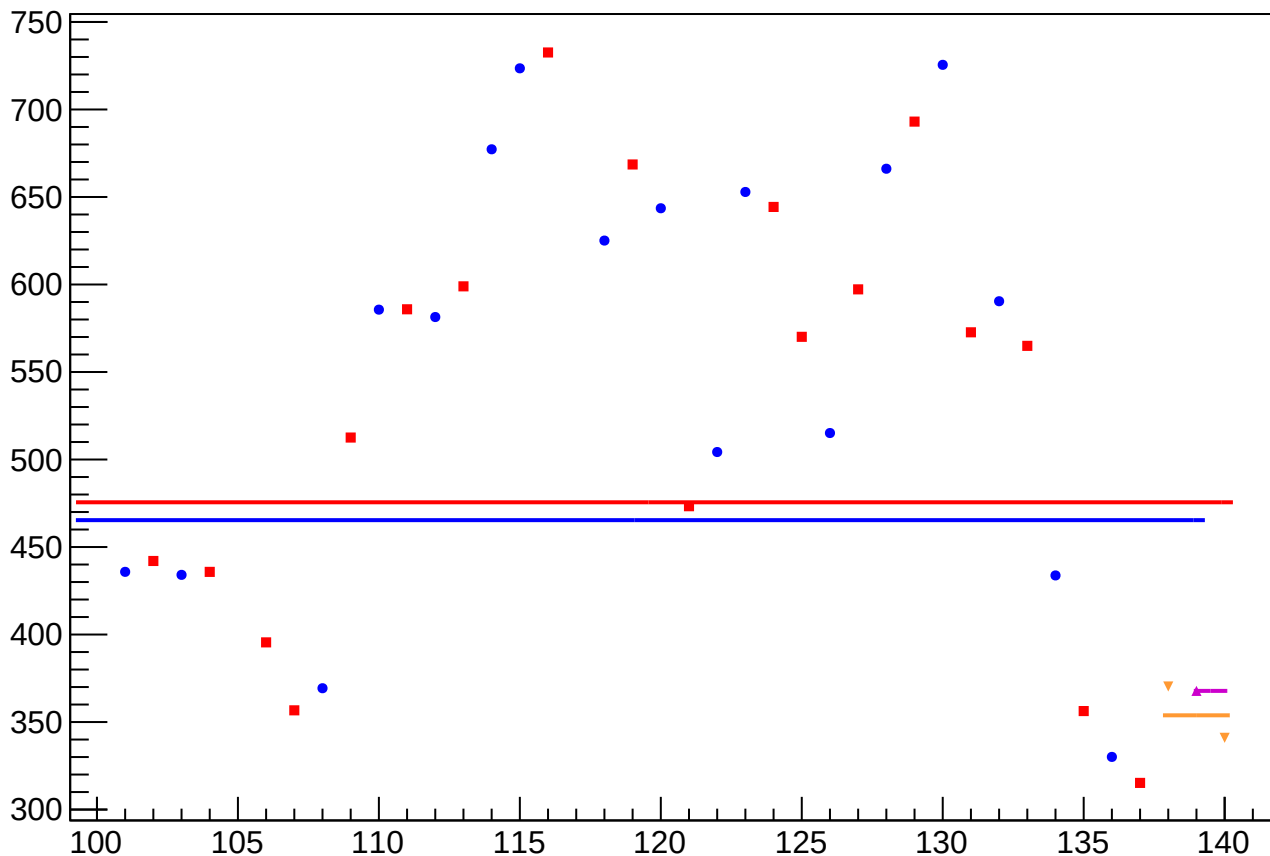
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 254.257 $\pm$ 169.538 χ^2 /NDF:16.2/17

Out: 96.937 $\pm$ 155.101 χ^2 /NDF:23.2/19

All: 168.615 $\pm$ 114.437 χ^2 /NDF: 39.8/37

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 353.845+/-0.203 χ^2/NDF : 5148.4/1

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 367.801+/-0.292 χ^2/NDF : 0.0/0

Left: 358.393+/-0.166 χ^2/NDF : 6692.0/2

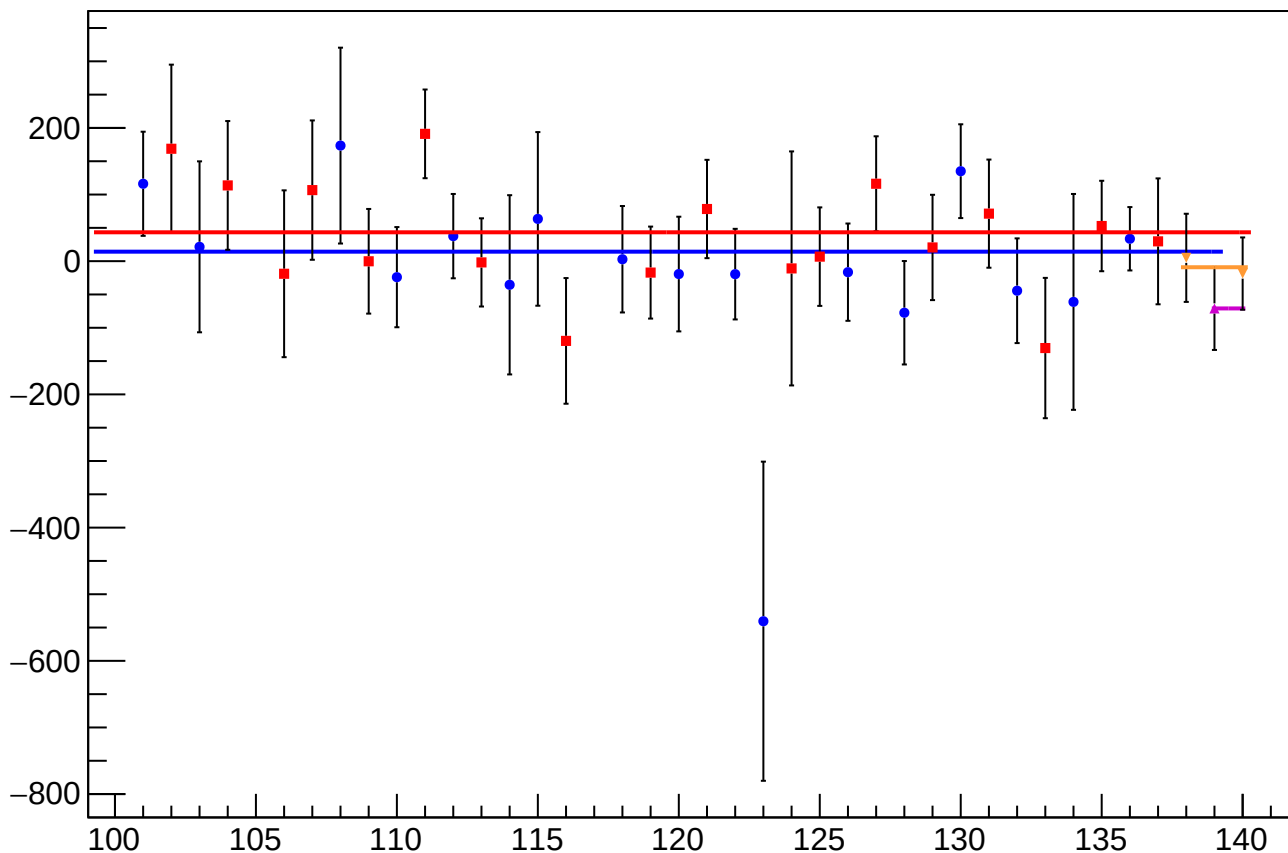
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 448.873+/-0.120 χ^2/NDF : 953402.2/17

Out: 439.954+/-0.110 χ^2/NDF : 1000894.7/19

All: 444.017+/-0.081 χ^2/NDF : 1957310.2/37

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -9.126+/-41.949 χ^2/NDF : 0.1/1

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -70.969+/-62.314 χ^2/NDF : 0.0/0

Left: -28.413+/-34.799 χ^2/NDF : 0.8/2

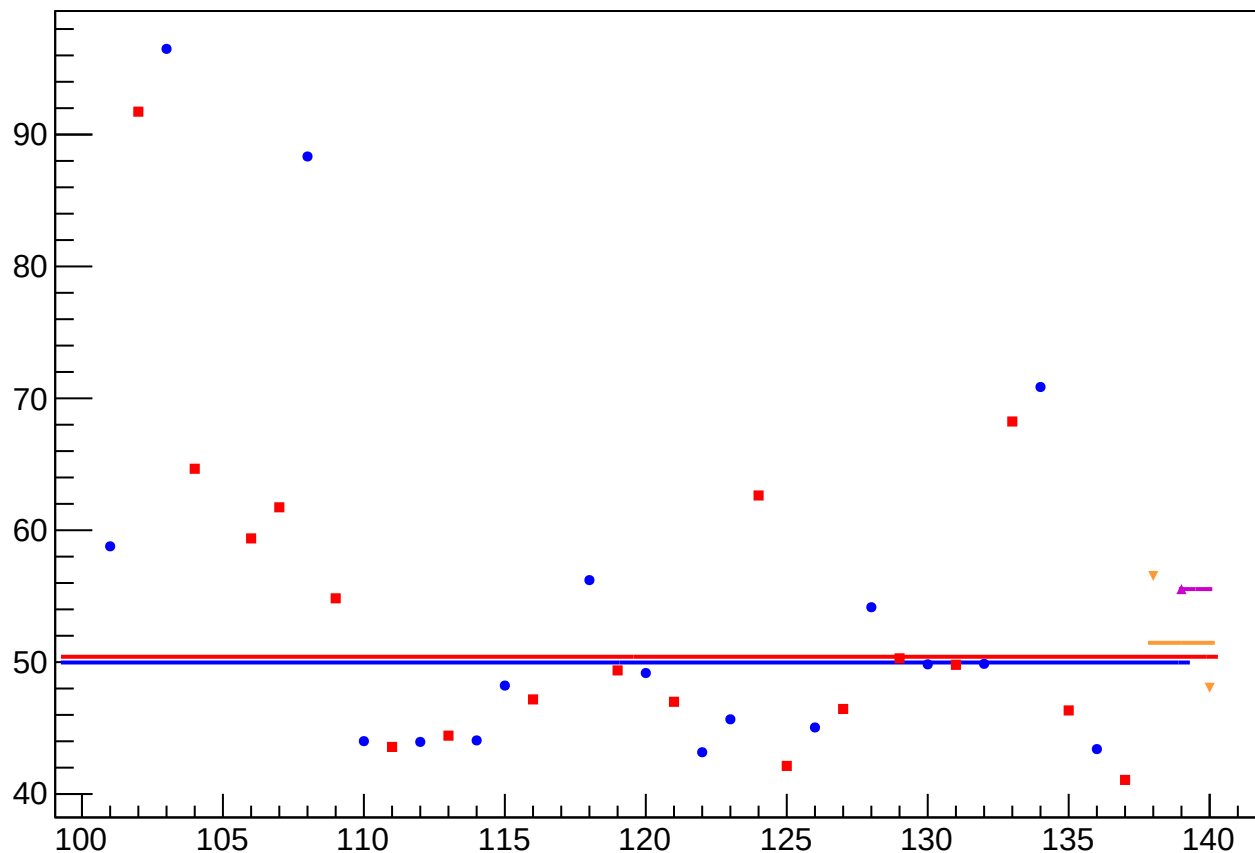
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: 6.390+/-18.928 χ^2/NDF : 16.5/17

Out: 33.896+/-17.794 χ^2/NDF : 17.5/19

All: 20.991+/-12.965 χ^2/NDF : 35.1/37

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 51.464+/-0.030 χ^2/NDF : 19631.1/1

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 55.539+/-0.044 χ^2/NDF : 0.0/0

Left: 52.735+/-0.025 χ^2/NDF : 25515.9/2

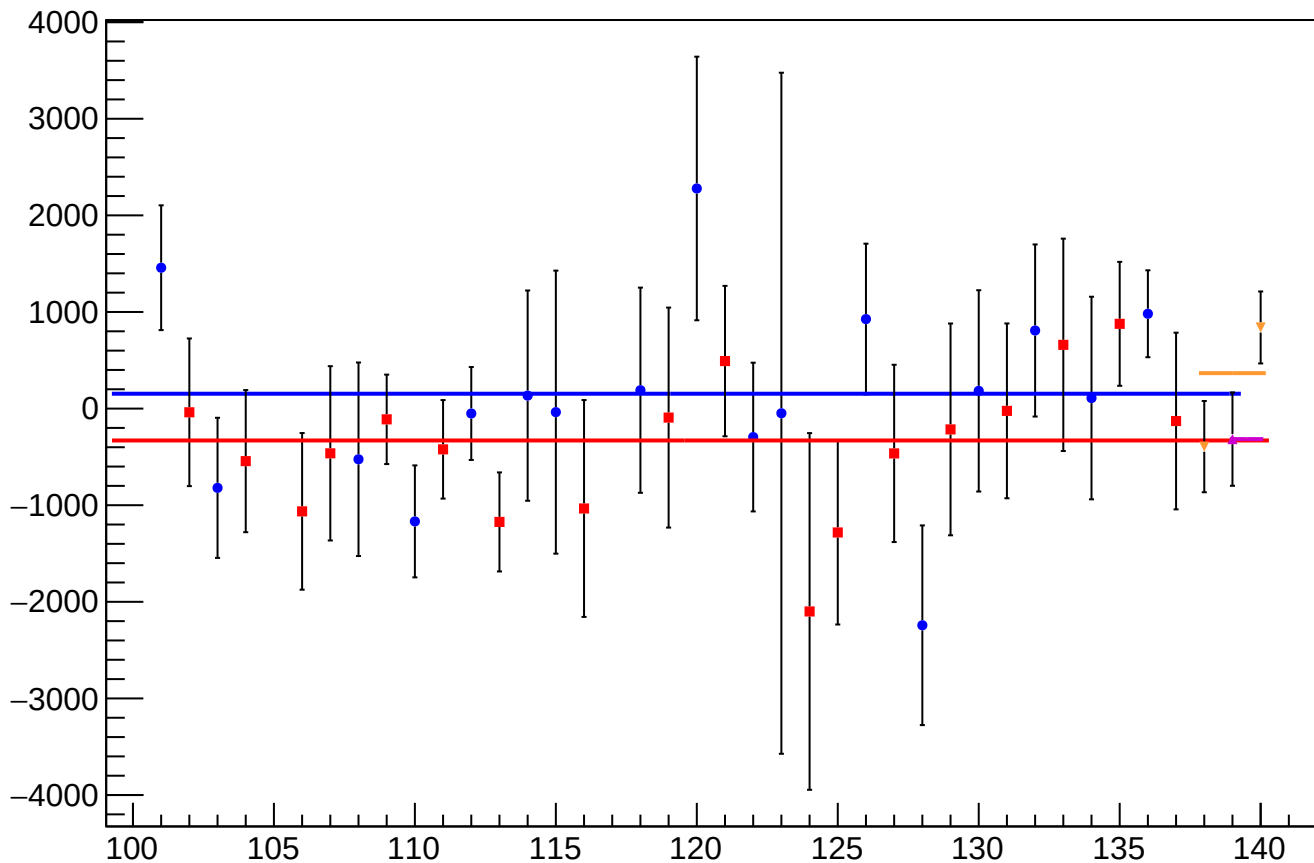
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 50.487+/-0.013 χ^2/NDF : 593232.9/17

Out: 50.598+/-0.013 χ^2/NDF : 488151.9/19

All: 50.546+/-0.009 χ^2/NDF : 1081421.6/37

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 366.875 $\pm$ 292.462 χ^2 /NDF:4.2/1

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -315.840 $\pm$ 483.274 χ^2 /NDF:0.0/0

Left: 183.867 $\pm$ 250.212 χ^2 /NDF: 5.7/2

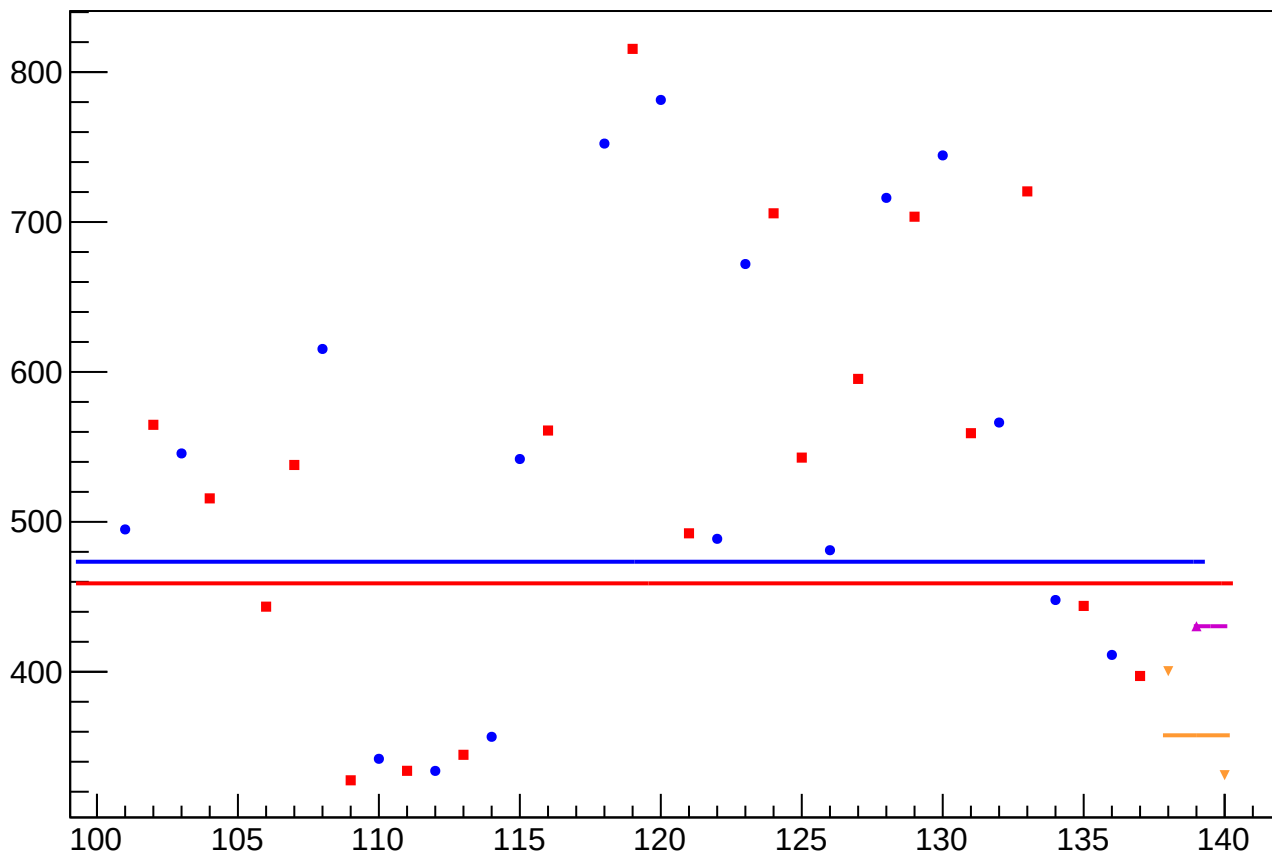
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 90.984 $\pm$ 176.795 χ^2 /NDF:25.6/17

Out: -138.830 $\pm$ 153.166 χ^2 /NDF:20.4/19

All: -40.297 $\pm$ 115.764 χ^2 /NDF: 47.0/37

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 357.636+/-0.207 χ^2/NDF : 26596.3/1

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 430.389+/-0.342 χ^2/NDF : 0.0/0

Left: 377.138+/-0.177 χ^2/NDF : 59772.2/2

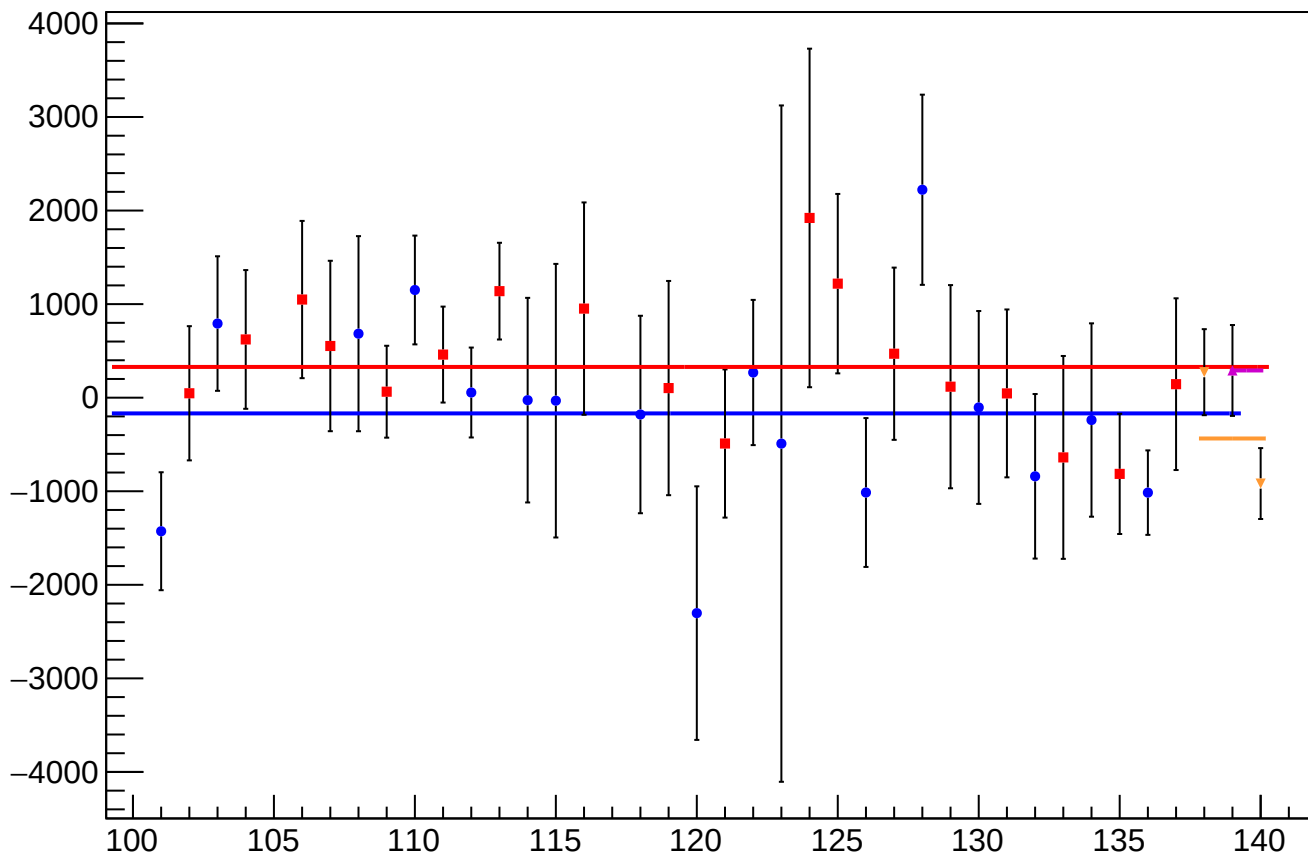
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 467.649+/-0.125 χ^2/NDF : 928653.5/17

Out: 431.190+/-0.108 χ^2/NDF : 1207166.9/19

All: 446.822+/-0.082 χ^2/NDF : 2184409.3/37

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -436.166+/-292.398 χ^2/NDF : 4.0/1

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: 290.848+/-485.700 χ^2/NDF : 0.0/0

Left: -242.772+/-250.506 χ^2/NDF : 5.6/2

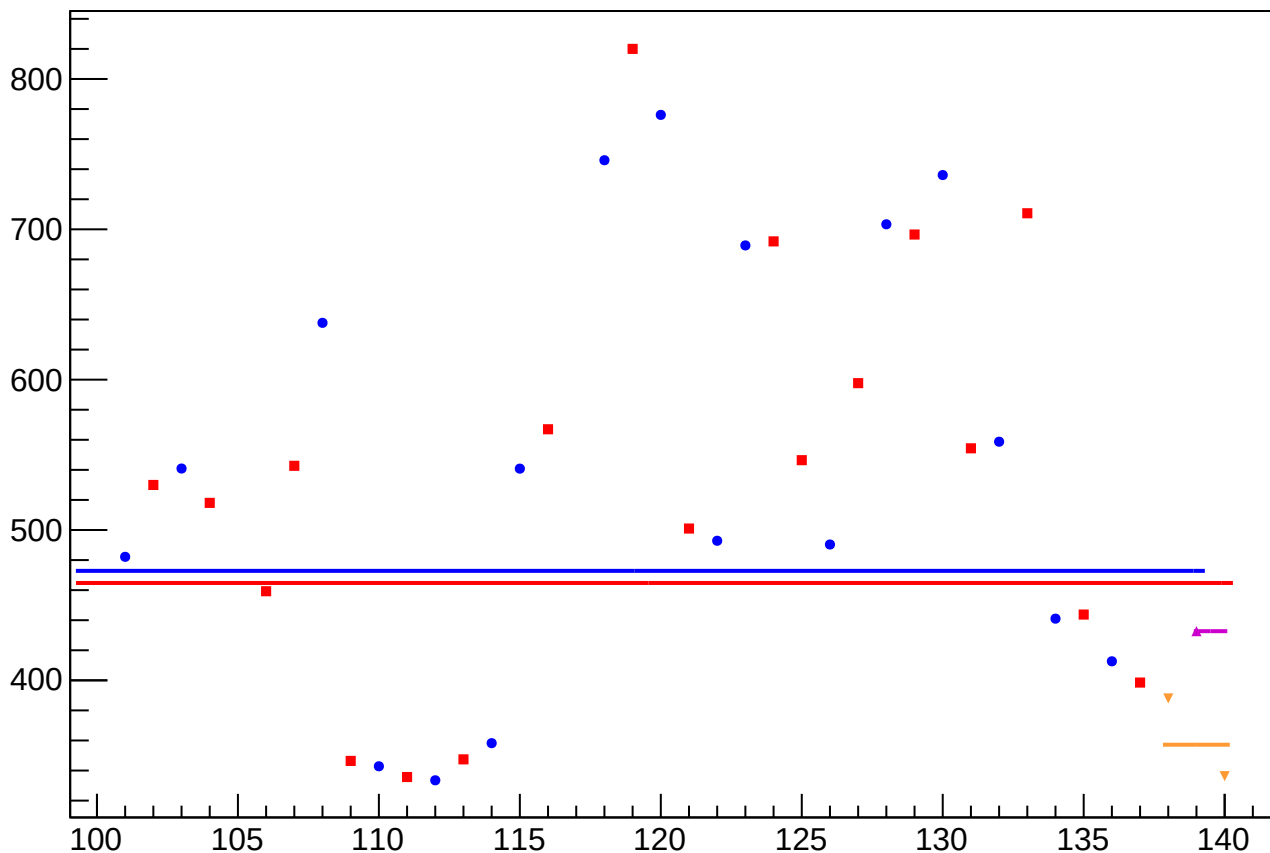
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -107.279+/-176.748 χ^2/NDF : 26.2/17

Out: 115.788+/-154.243 χ^2/NDF : 20.1/19

All: 19.351+/-116.214 χ^2/NDF : 47.1/37

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 357.179+/-0.207 χ^2/NDF : 15069.7/1

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 432.697+/-0.343 χ^2/NDF : 0.0/0

Left: 377.268+/-0.177 χ^2/NDF : 50557.9/2

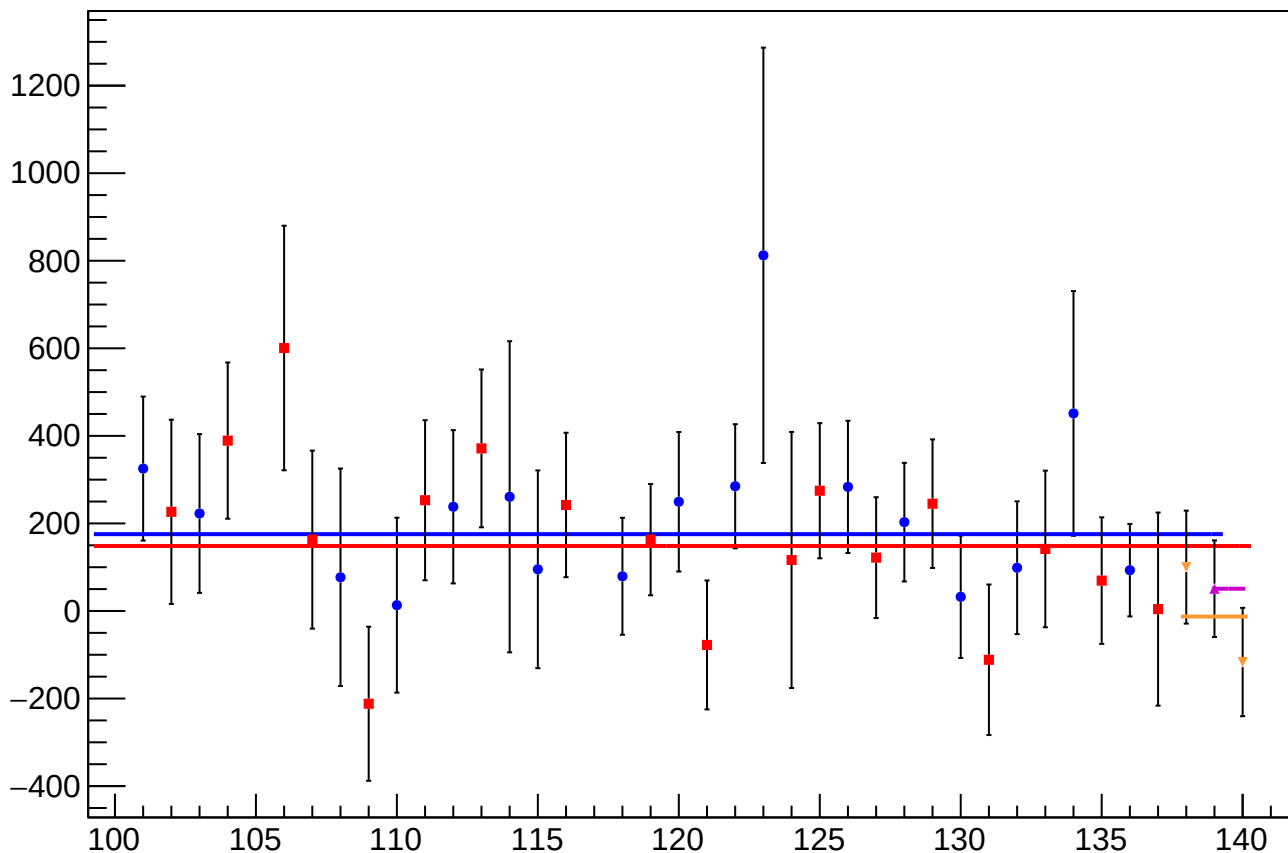
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 467.506+/-0.125 χ^2/NDF : 908214.3/17

Out: 434.824+/-0.109 χ^2/NDF : 1125255.2/19

All: 448.953+/-0.082 χ^2/NDF : 2072289.5/37

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -12.697 $\pm$ 89.304 χ^2 /NDF:1.5/1

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: 50.822 $\pm$ 110.395 χ^2 /NDF:0.0/0

Left: 12.428 $\pm$ 69.431 χ^2 /NDF: 1.7/2

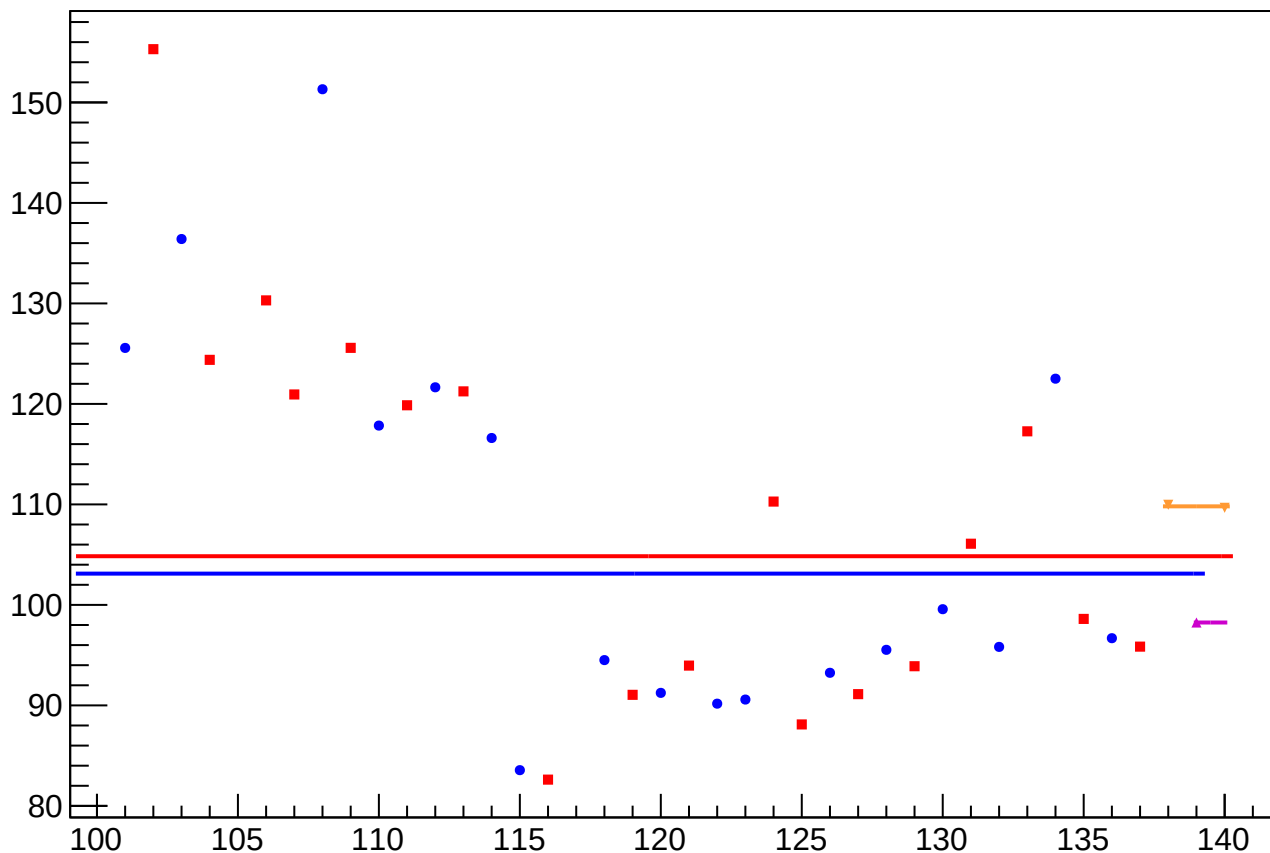
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 160.773 $\pm$ 37.905 χ^2 /NDF:9.7/17

Out: 121.146 $\pm$ 36.757 χ^2 /NDF:21.7/19

All: 140.350 $\pm$ 26.388 χ^2 /NDF: 31.9/37

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 109.806 $\pm$ 0.063 χ^2 /NDF: 5.7/1

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 98.248 $\pm$ 0.078 χ^2 /NDF: 0.0/0

Left: 105.234 $\pm$ 0.049 χ^2 /NDF: 13258.1/2

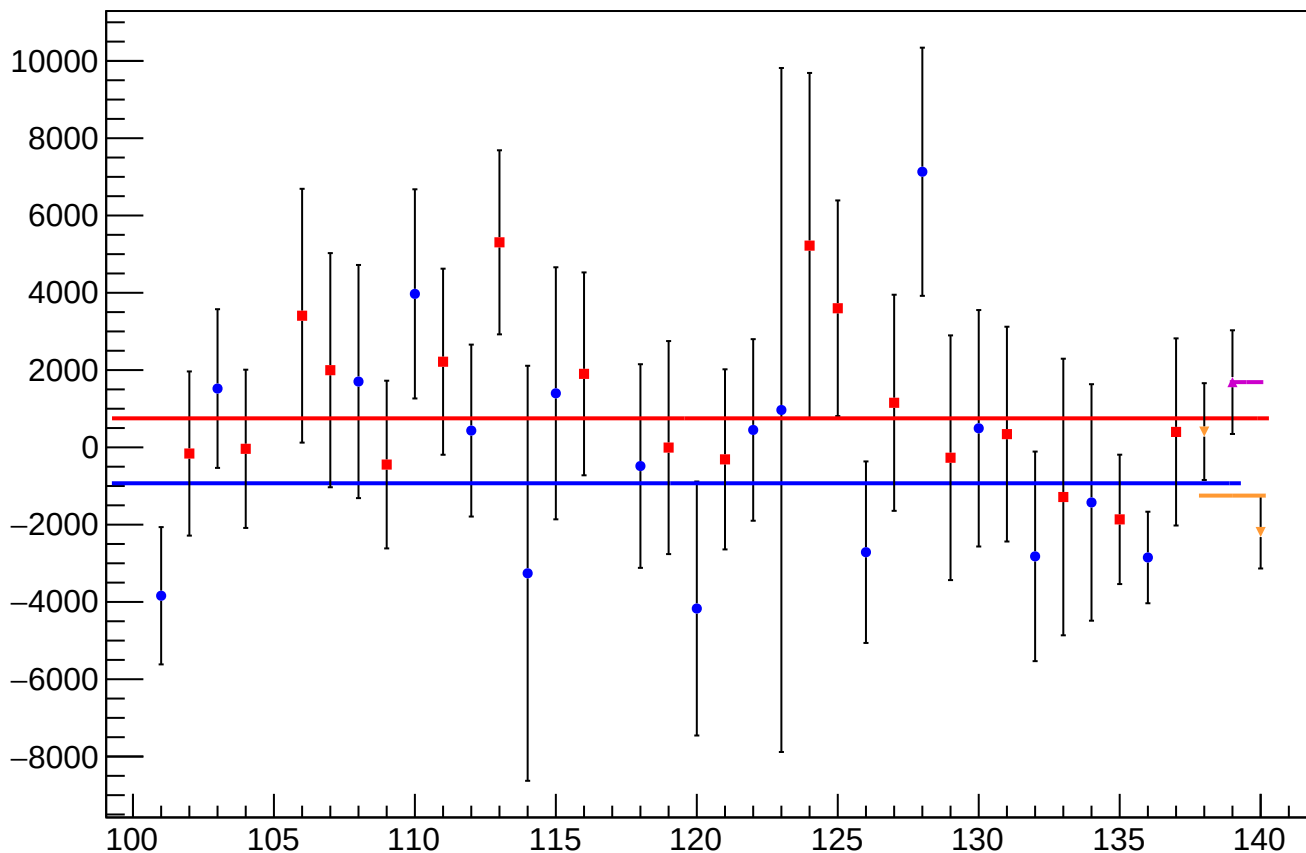
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 102.539 $\pm$ 0.027 χ^2 /NDF: 309863.9/17

Out: 105.685 $\pm$ 0.026 χ^2 /NDF: 373812.0/19

All: 104.160 $\pm$ 0.019 χ^2 /NDF: 690776.0/37

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1248.152+/-754.029 χ^2/NDF : 2.7/1

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: 1688.218+/-1341.582 χ^2/NDF : 0.0/0

Left: -543.245+/-657.321 χ^2/NDF : 6.4/2

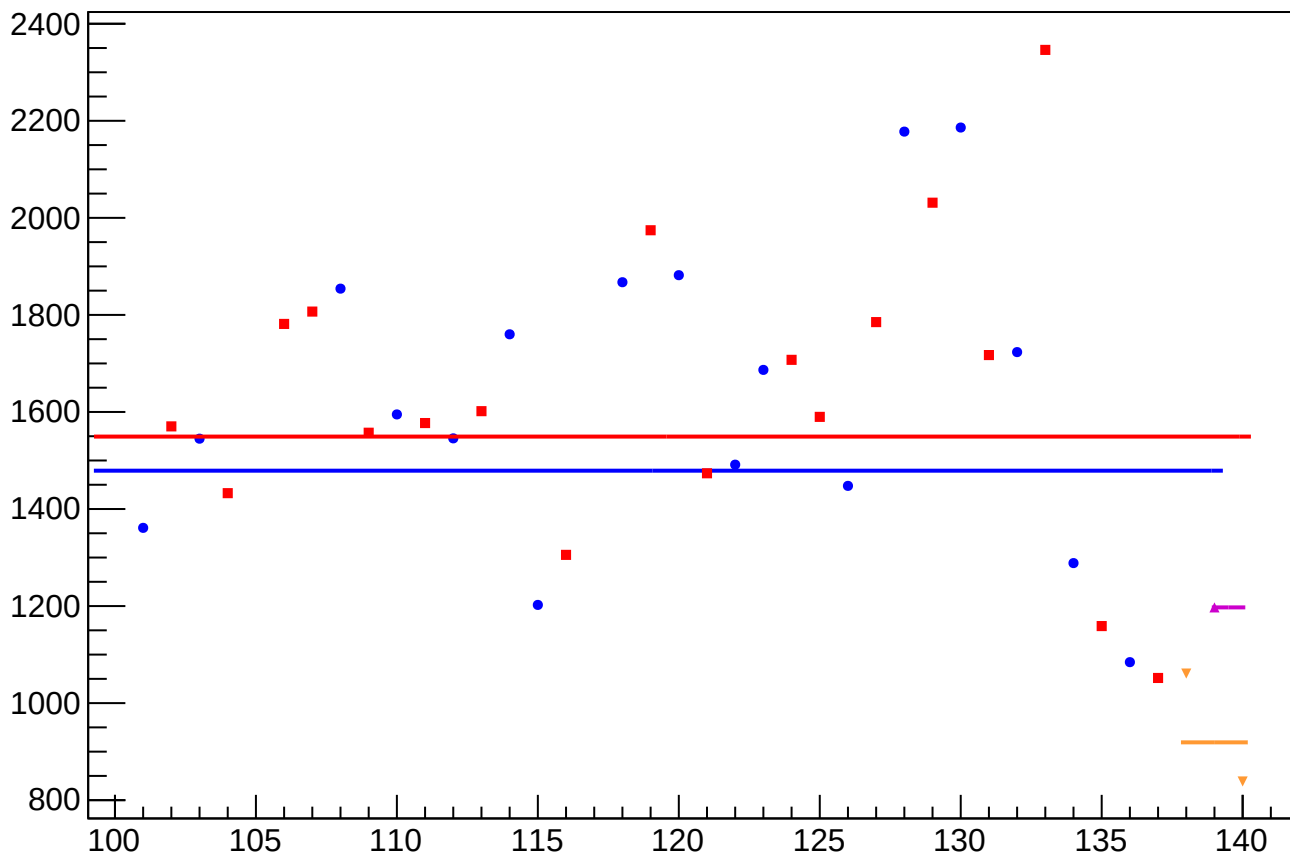
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -508.441+/-537.751 χ^2/NDF : 24.0/17

Out: -15.912+/-467.072 χ^2/NDF : 18.0/19

All: -227.703+/-352.630 χ^2/NDF : 42.5/37

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 919.142+/-0.533 χ^2/NDF : 40203.2/1

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 1197.254+/-0.949 χ^2/NDF : 0.0/0

Left: 985.906+/-0.465 χ^2/NDF : 105518.0/2

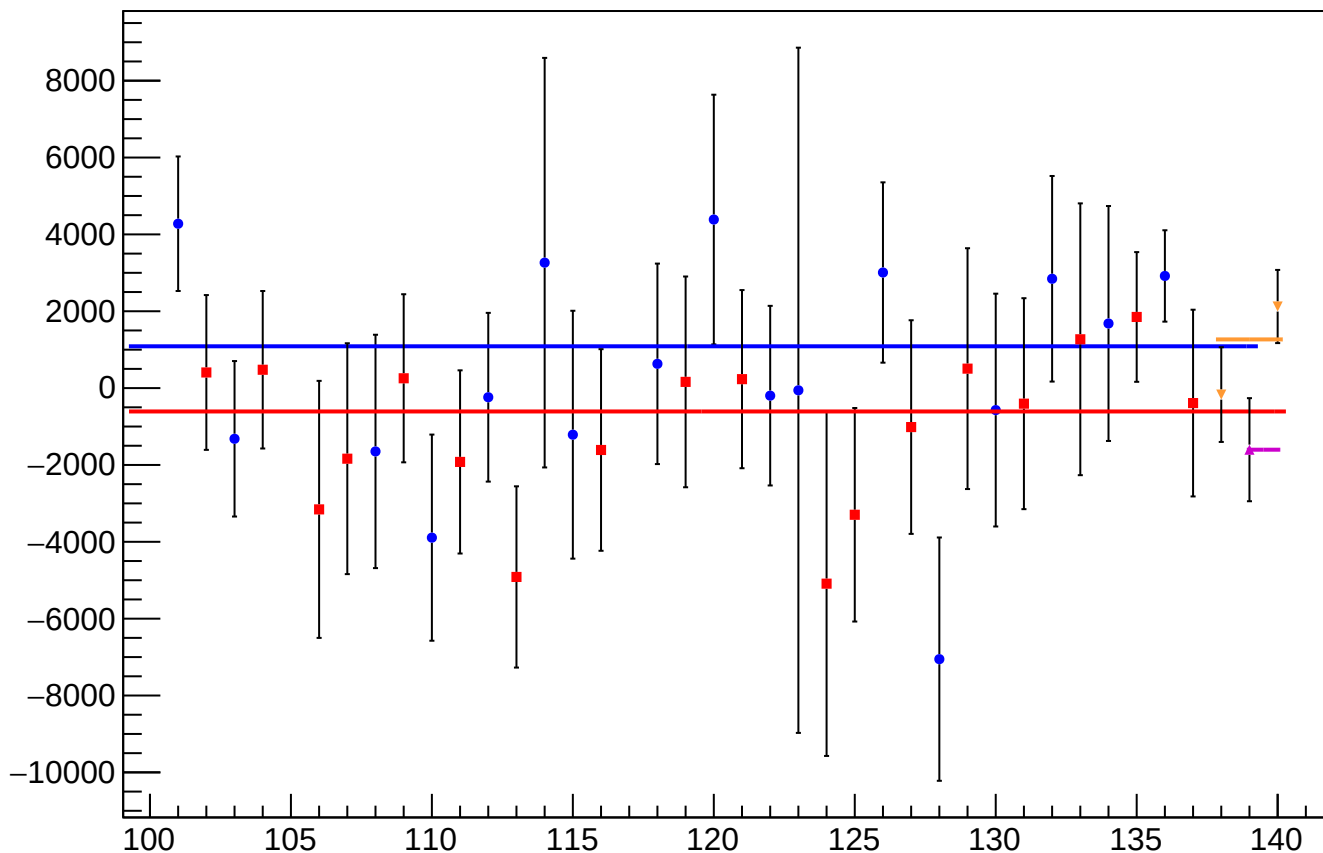
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1433.725+/-0.380 χ^2/NDF : 663652.7/17

Out: 1307.488+/-0.330 χ^2/NDF : 1363551.6/19

All: 1361.771+/-0.249 χ^2/NDF : 2090026.1/37

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1267.040 $\pm$ 753.511 χ^2 /NDF: 2.2/1

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -1603.008 $\pm$ 1341.352 χ^2 /NDF: 0.0/0

Left: 578.596 $\pm$ 656.951 χ^2 /NDF: 5.6/2

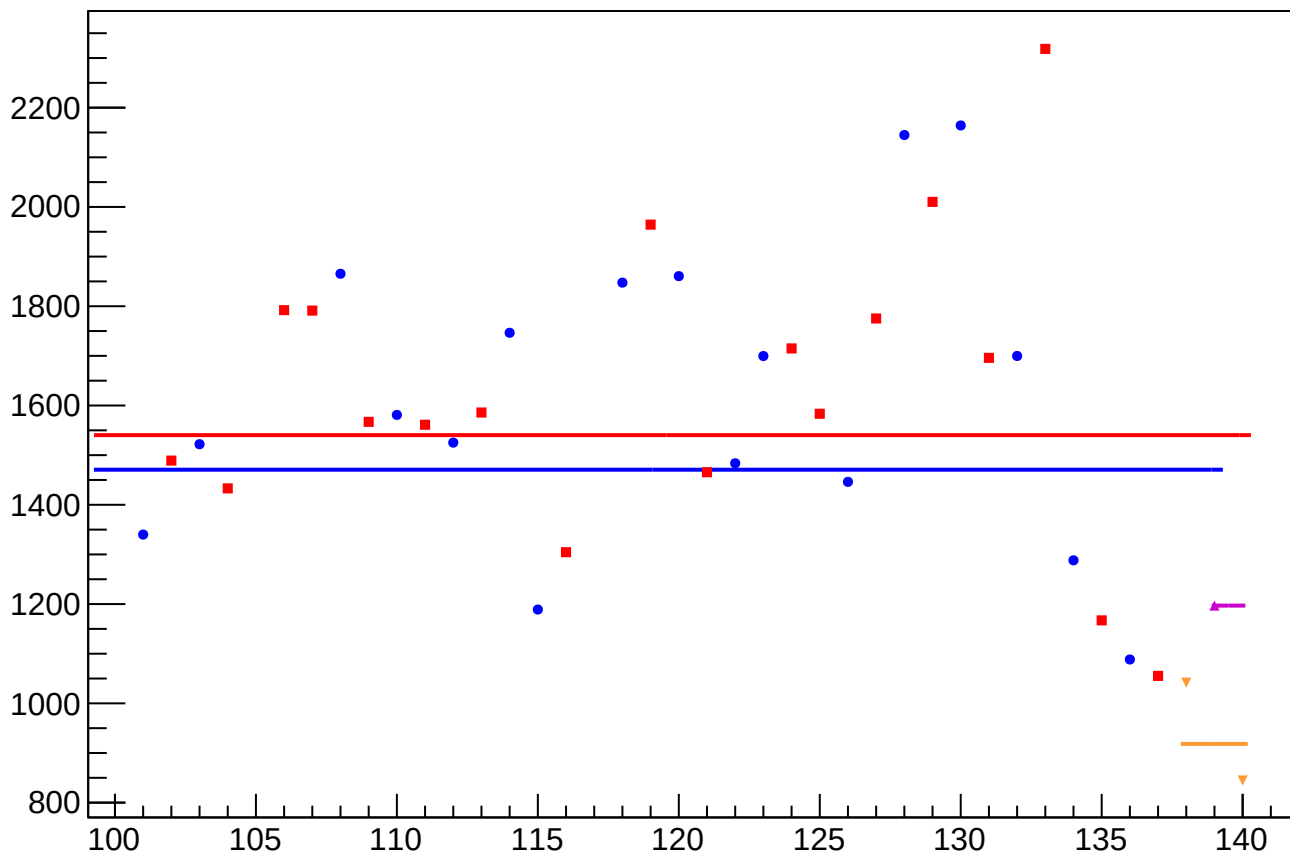
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 660.006 $\pm$ 534.932 χ^2 /NDF: 25.2/17

Out: 107.014 $\pm$ 465.295 χ^2 /NDF: 15.9/19

All: 345.196 $\pm$ 351.070 χ^2 /NDF: 41.8/37

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 918.233 $\pm$ 0.533 χ^2 /NDF:31970.8/1

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 1196.932 $\pm$ 0.948 χ^2 /NDF:0.0/0

Left: 985.085 $\pm$ 0.465 χ^2 /NDF: 97600.8/2

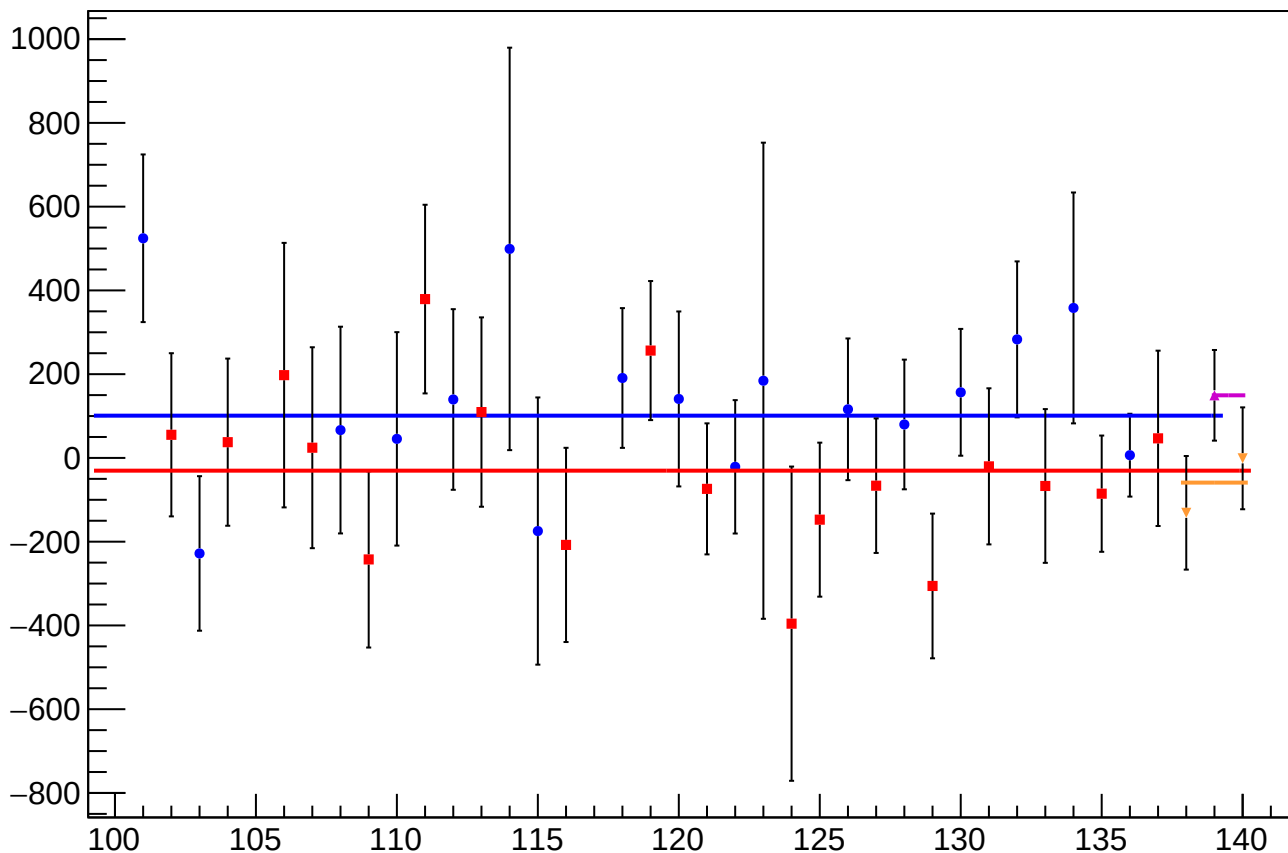
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1427.145 $\pm$ 0.378 χ^2 /NDF:637781.5/17

Out: 1303.125 $\pm$ 0.329 χ^2 /NDF:1318218.0/19

All: 1356.542 $\pm$ 0.248 χ^2 /NDF: 2017198.3/37

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -58.946 ± 90.560 $\chi^2/\text{NDF}: 0.5/1$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 149.497 ± 108.231 $\chi^2/\text{NDF}: 0.0/0$

Left: 26.892 ± 69.454 $\chi^2/\text{NDF}: 2.7/2$

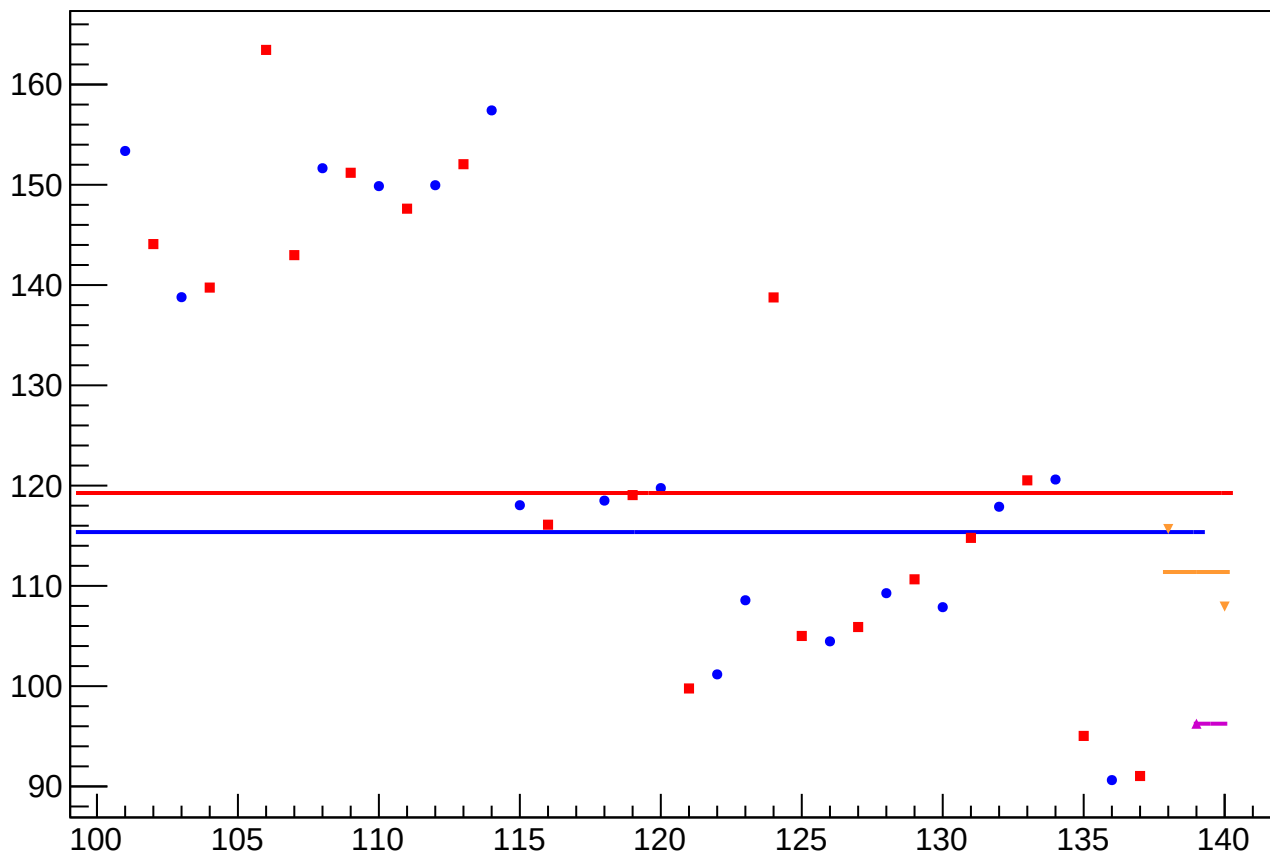
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 108.155 ± 41.774 $\chi^2/\text{NDF}: 13.2/17$

Out: -36.205 ± 40.806 $\chi^2/\text{NDF}: 14.1/19$

All: 34.283 ± 29.191 $\chi^2/\text{NDF}: 33.4/37$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 111.384 $\pm$ 0.064 χ^2 /NDF:3603.5/1

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 96.255 $\pm$ 0.077 χ^2 /NDF:0.0/0

Left: 105.154 $\pm$ 0.049 χ^2 /NDF: 26590.1/2

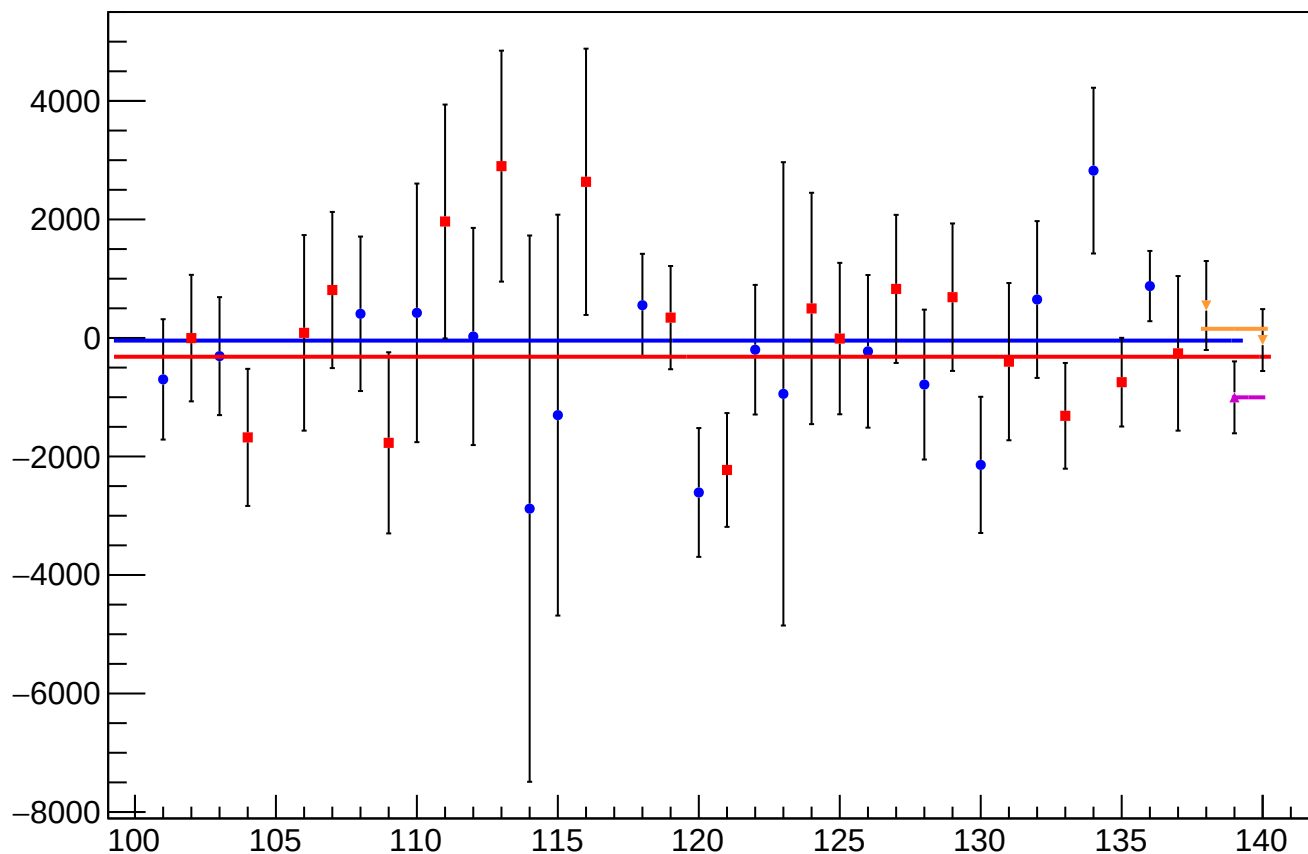
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 112.519 $\pm$ 0.030 χ^2 /NDF:464431.6/17

Out: 117.663 $\pm$ 0.029 χ^2 /NDF:413984.6/19

All: 115.151 $\pm$ 0.021 χ^2 /NDF: 893933.2/37

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 154.472 ± 428.863 χ^2/NDF : 0.4/1

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -1002.337 ± 606.951 χ^2/NDF : 0.0/0

Left: -230.752 ± 350.251 χ^2/NDF : 2.8/2

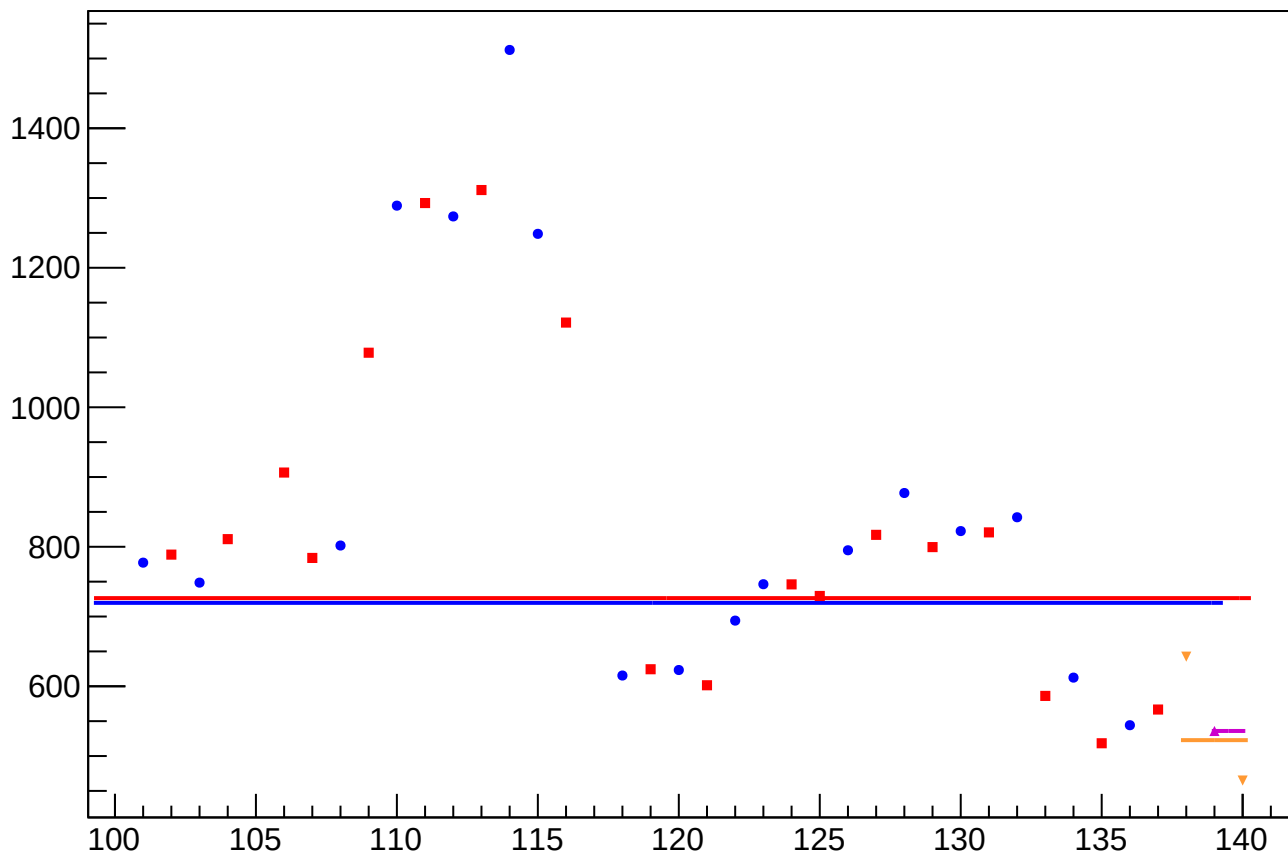
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -218.859 ± 258.927 χ^2/NDF : 19.9/17

Out: -173.882 ± 236.273 χ^2/NDF : 18.0/19

All: -194.317 ± 174.530 χ^2/NDF : 38.0/37

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 522.787 $\pm$ 0.303 χ^2 /NDF: 75382.3/1

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 535.928 $\pm$ 0.429 χ^2 /NDF: 0.0/0

Left: 527.163 $\pm$ 0.248 χ^2 /NDF: 76007.6/2

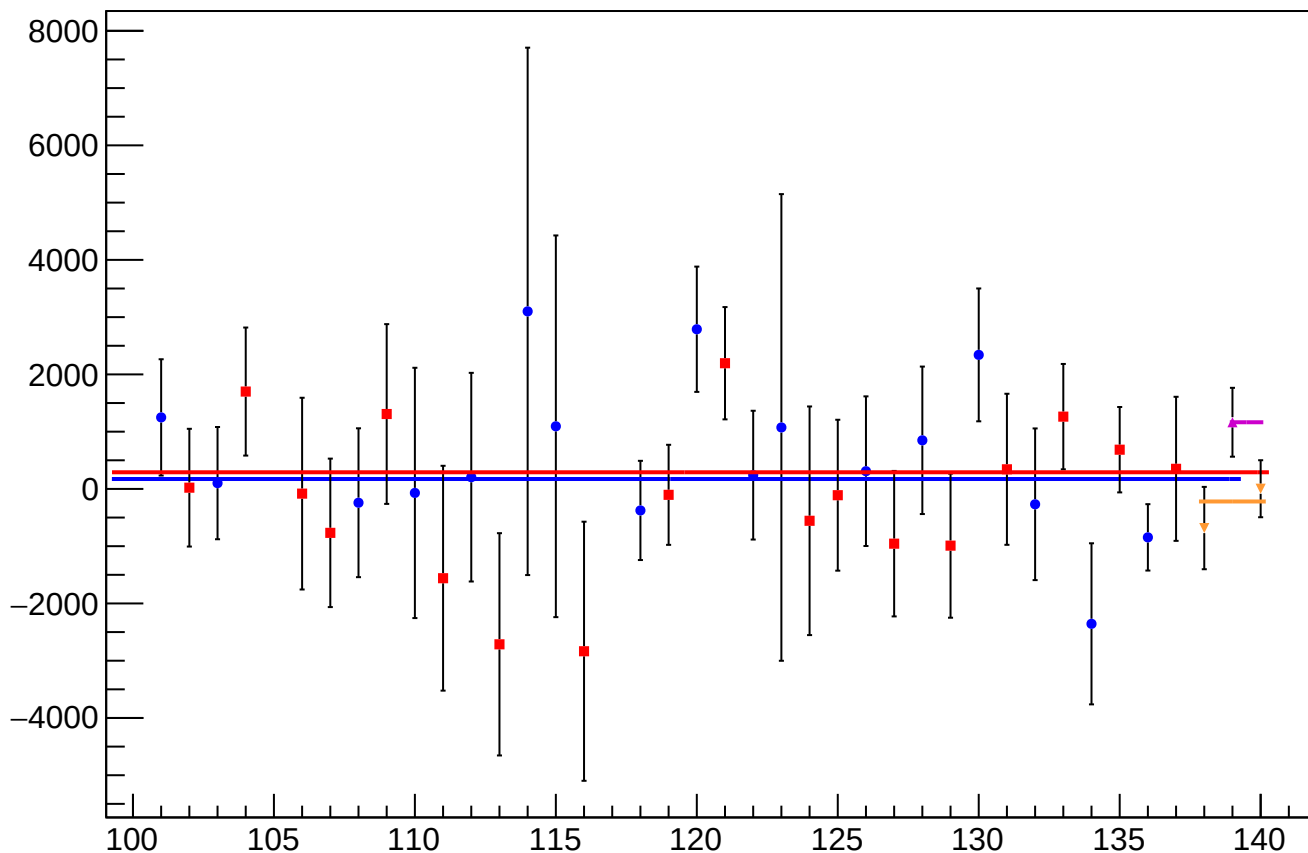
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 686.178 $\pm$ 0.183 χ^2 /NDF: 896778.1/17

Out: 664.597 $\pm$ 0.167 χ^2 /NDF: 1270347.8/19

All: 674.403 $\pm$ 0.123 χ^2 /NDF: 2174707.1/37

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -219.186 $\pm$ 409.274 χ^2 /NDF:0.6/1

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 1164.228 $\pm$ 601.314 χ^2 /NDF:0.0/0

Left: 218.796 $\pm$ 338.340 χ^2 /NDF: 4.2/2

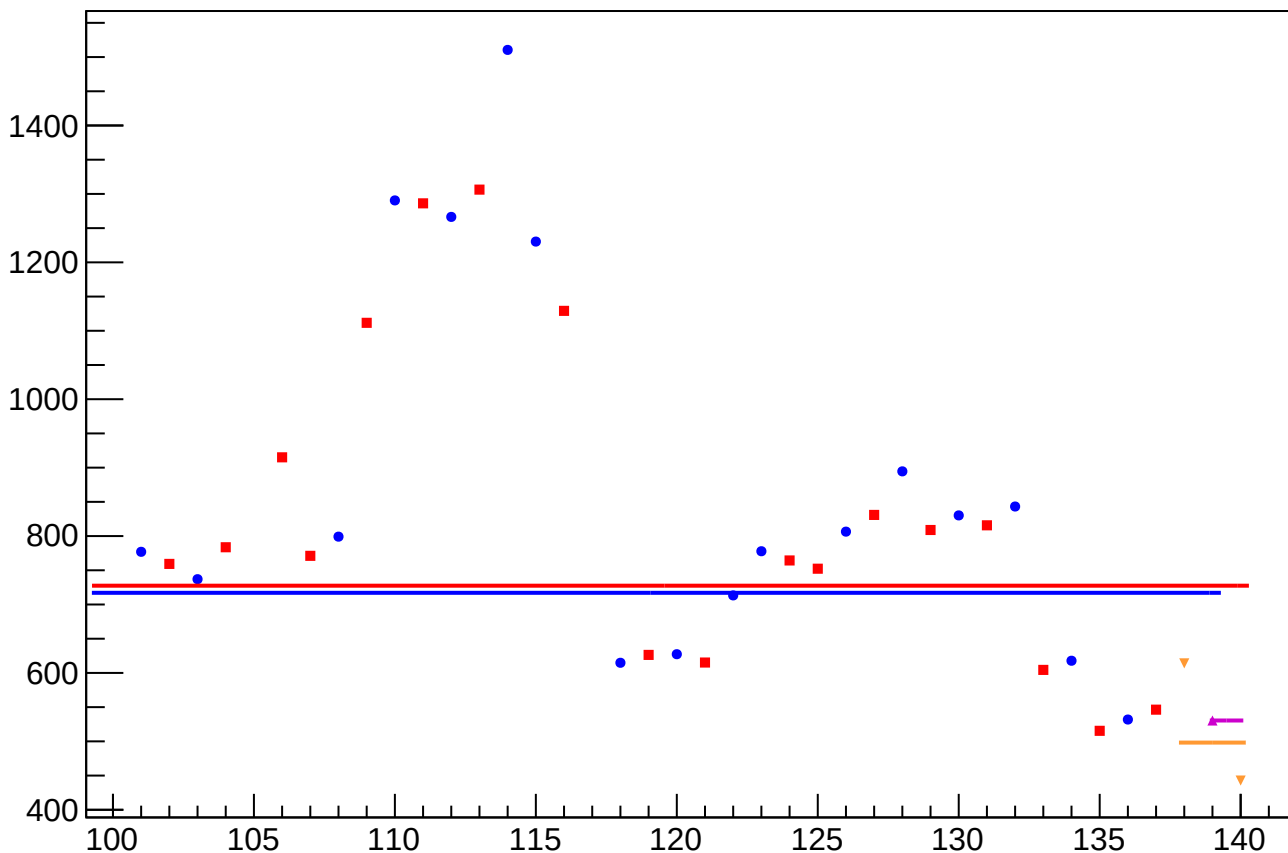
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 355.673 $\pm$ 258.033 χ^2 /NDF:20.3/17

Out: 125.405 $\pm$ 233.075 χ^2 /NDF:17.3/19

All: 228.867 $\pm$ 172.961 χ^2 /NDF: 38.1/37

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 498.202 $\pm$ 0.289 χ^2 /NDF: 76701.7/1

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 530.478 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Left: 508.420 $\pm$ 0.239 χ^2 /NDF: 80639.4/2

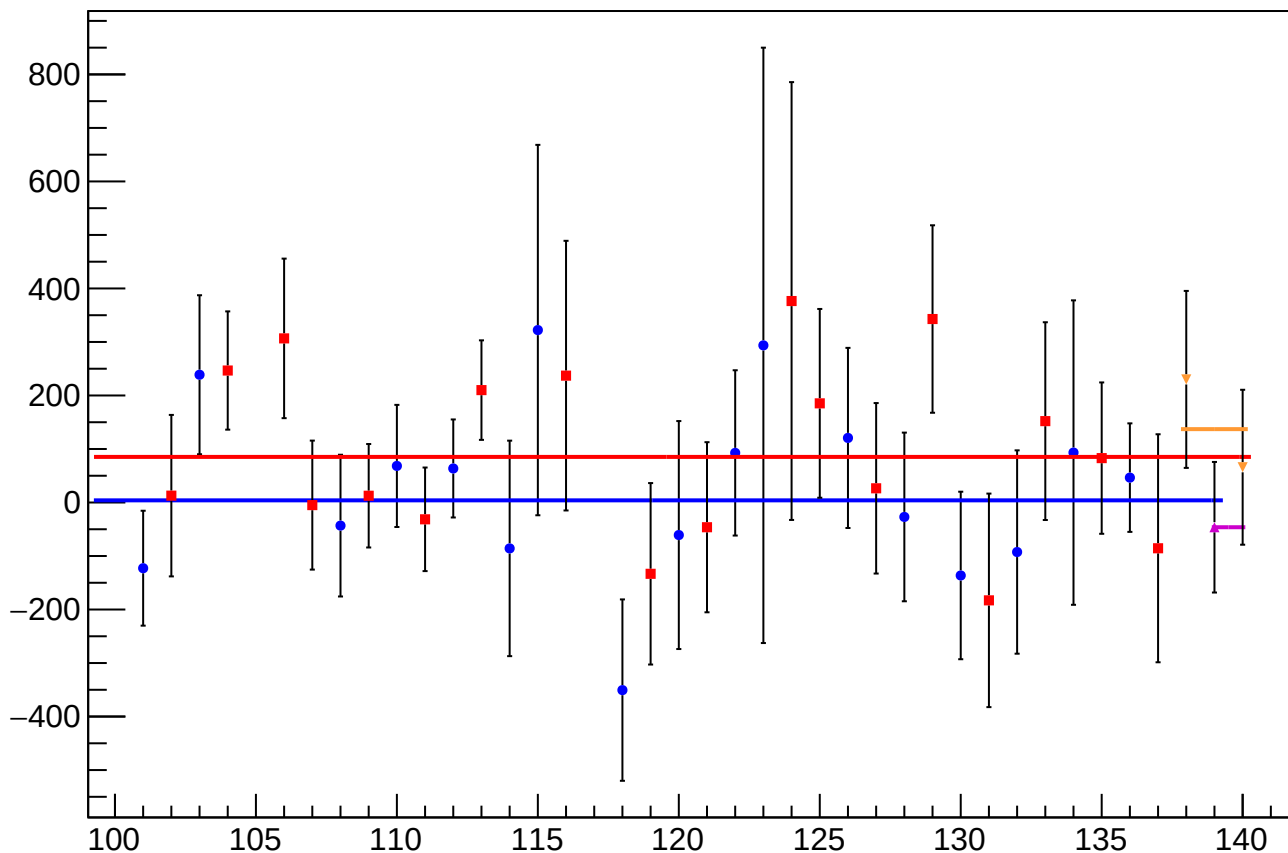
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 682.721 $\pm$ 0.182 χ^2 /NDF: 939590.6/17

Out: 653.129 $\pm$ 0.165 χ^2 /NDF: 1381877.3/19

All: 666.425 $\pm$ 0.122 χ^2 /NDF: 2335953.6/37

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 137.105 ± 108.925 $\chi^2/\text{NDF}: 0.6/1$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: -46.229 ± 122.014 $\chi^2/\text{NDF}: 0.0/0$

Left: 55.795 ± 81.256 $\chi^2/\text{NDF}: 1.8/2$

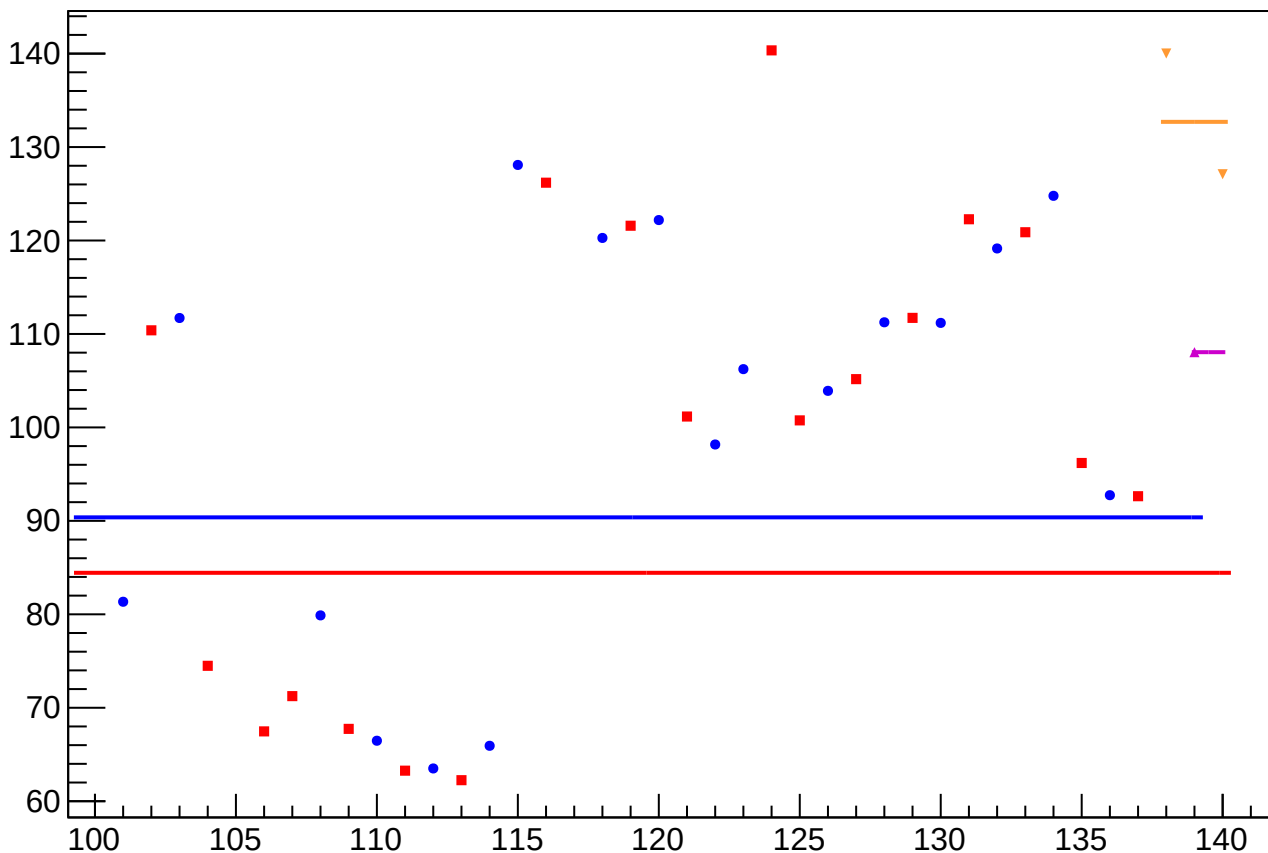
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: -0.002 ± 34.485 $\chi^2/\text{NDF}: 12.9/17$

Out: 89.669 ± 31.944 $\chi^2/\text{NDF}: 18.1/19$

All: 48.258 ± 23.434 $\chi^2/\text{NDF}: 34.7/37$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 132.697 $\pm$ 0.077 χ^2 /NDF:6910.8/1

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 108.051 $\pm$ 0.086 χ^2 /NDF:0.0/0

Left: 121.767 $\pm$ 0.057 χ^2 /NDF: 52324.3/2

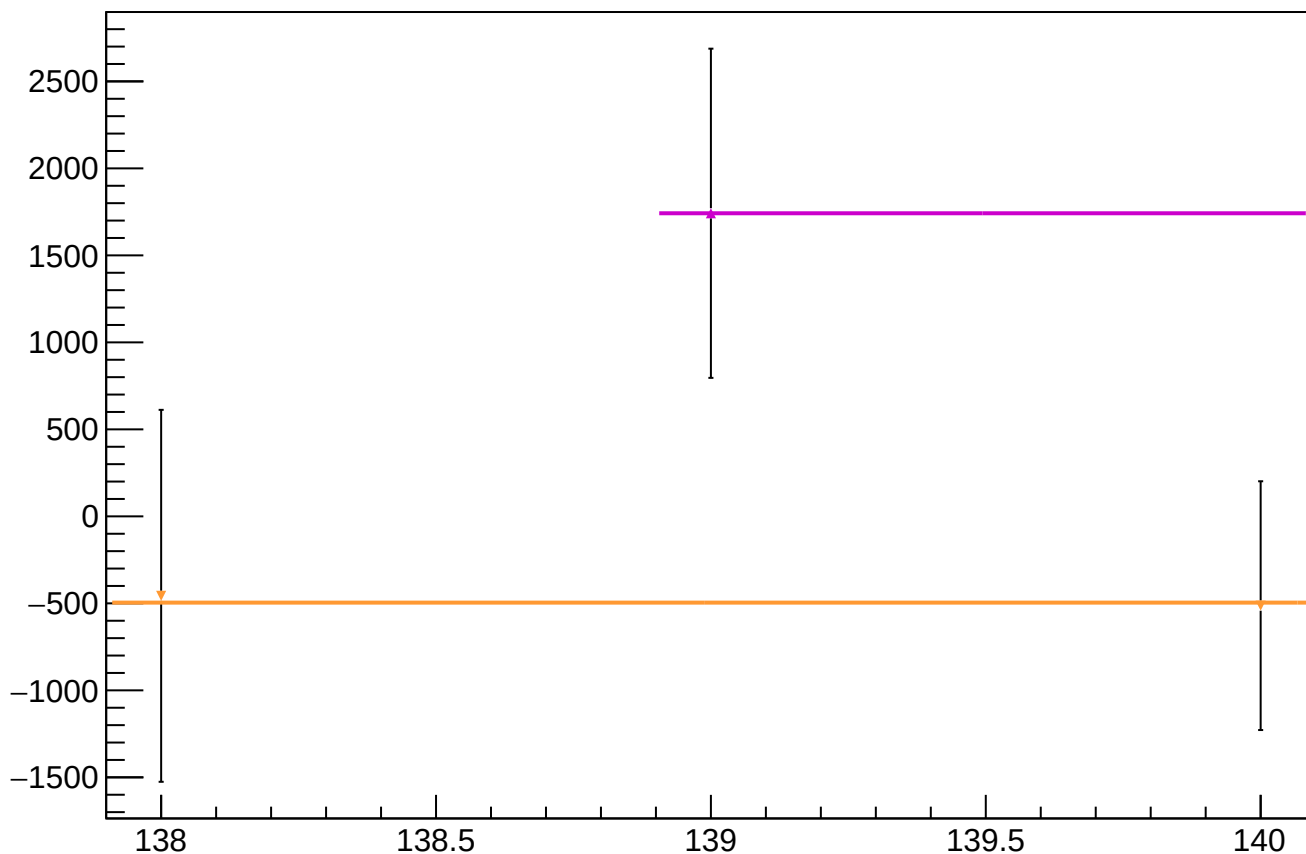
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 91.787 $\pm$ 0.024 χ^2 /NDF:692760.2/17

Out: 88.592 $\pm$ 0.023 χ^2 /NDF:1236515.4/19

All: 90.068 $\pm$ 0.017 χ^2 /NDF: 1938515.0/37

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -495.774 $\pm$ 594.233 χ^2/NDF : 0.0/1

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

Left In: 1741.979 $\pm$ 946.014 χ^2/NDF : 0.0/0

Left: 137.354 $\pm$ 503.196 χ^2/NDF : 4.0/2

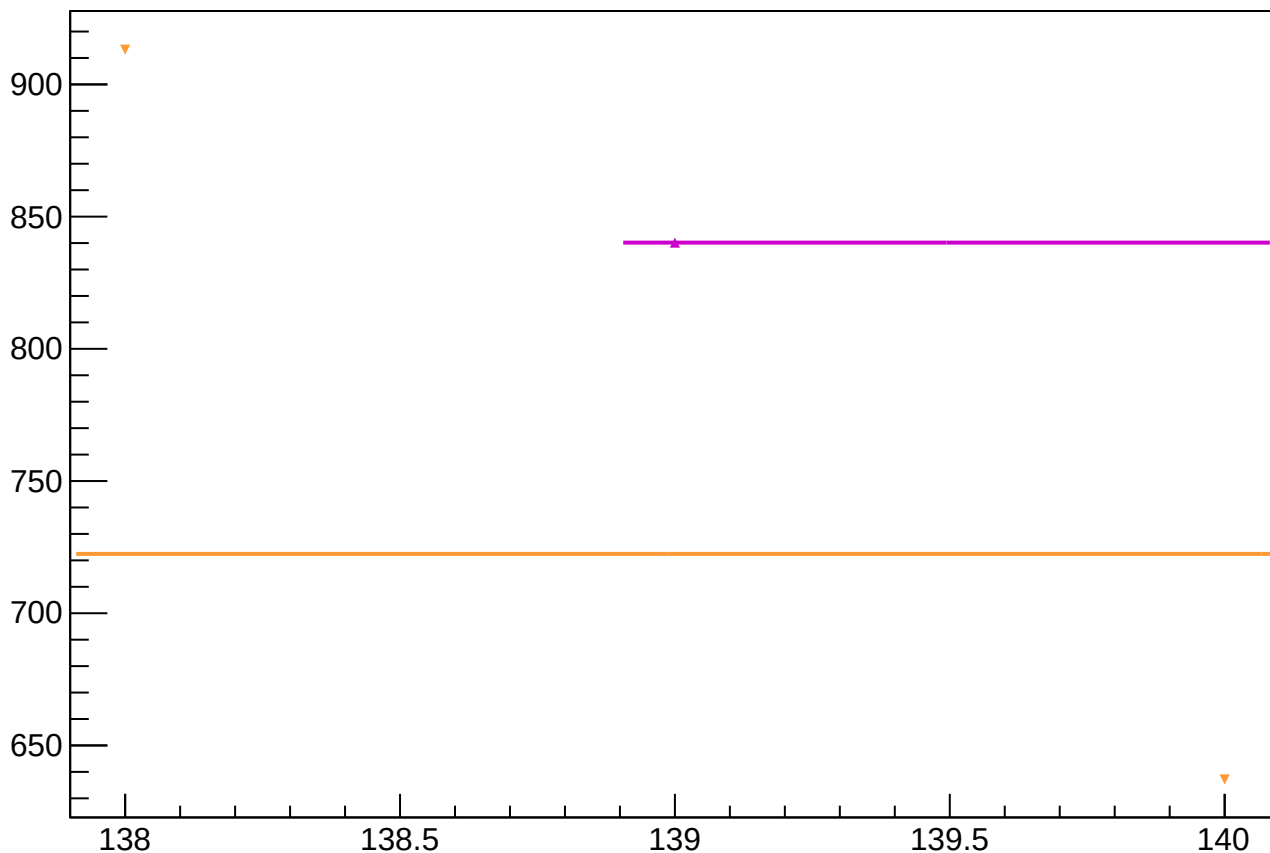
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 1741.979 $\pm$ 946.014 χ^2/NDF : 0.0/0

Out: -495.774 $\pm$ 594.233 χ^2/NDF : 0.0/1

All: 137.354 $\pm$ 503.196 χ^2/NDF : 4.0/2

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 722.445+/-0.420 χ^2/NDF : 92140.1/1

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

Left In: 840.168+/-0.669 χ^2/NDF : 0.0/0

Left: 755.752+/-0.356 χ^2/NDF : 114348.7/2

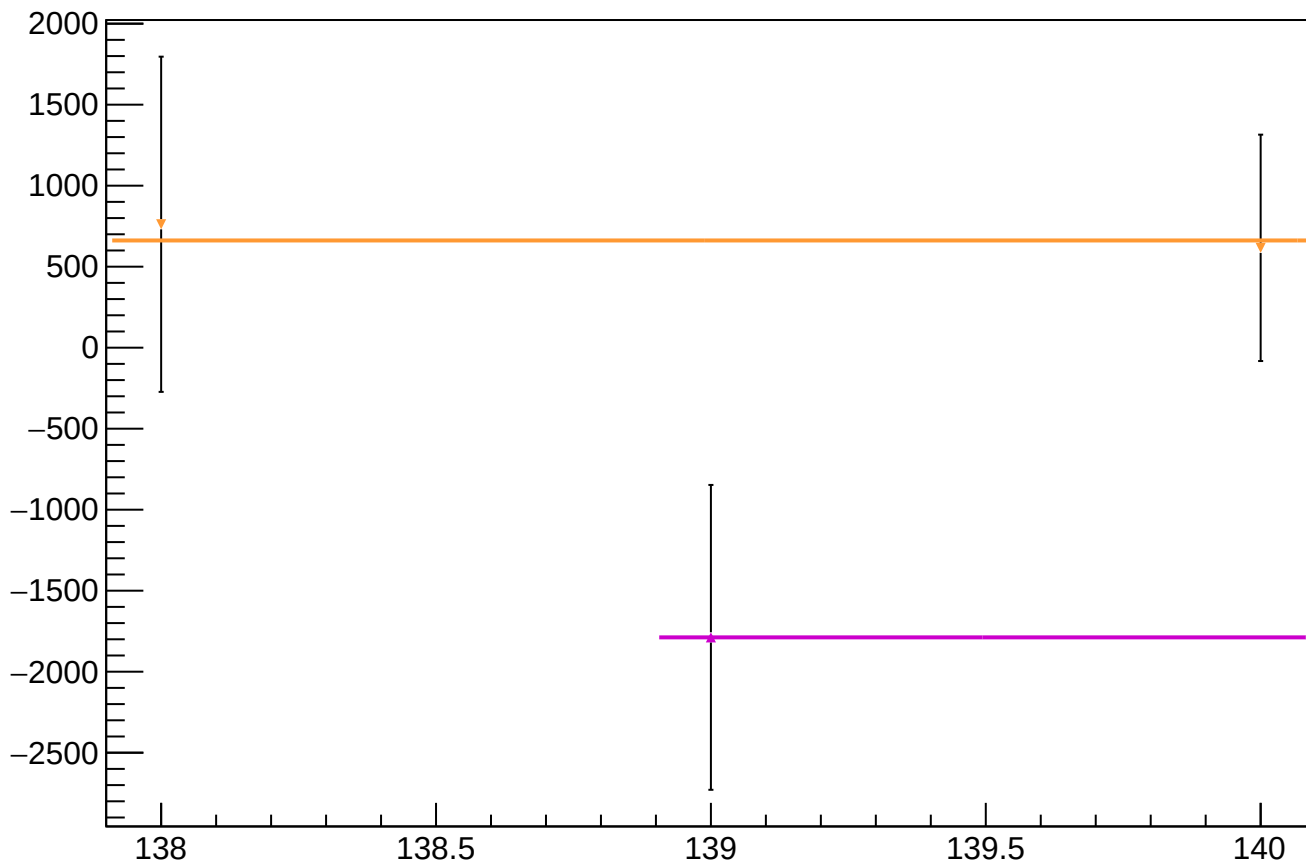
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 840.168+/-0.669 χ^2/NDF : 0.0/0

Out: 722.445+/-0.420 χ^2/NDF : 92140.1/1

All: 755.752+/-0.356 χ^2/NDF : 114348.7/2

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 661.817+/-579.006 χ^2/NDF : 0.0/1

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

Left In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Left: -11.139+/-493.114 χ^2/NDF : 4.9/2

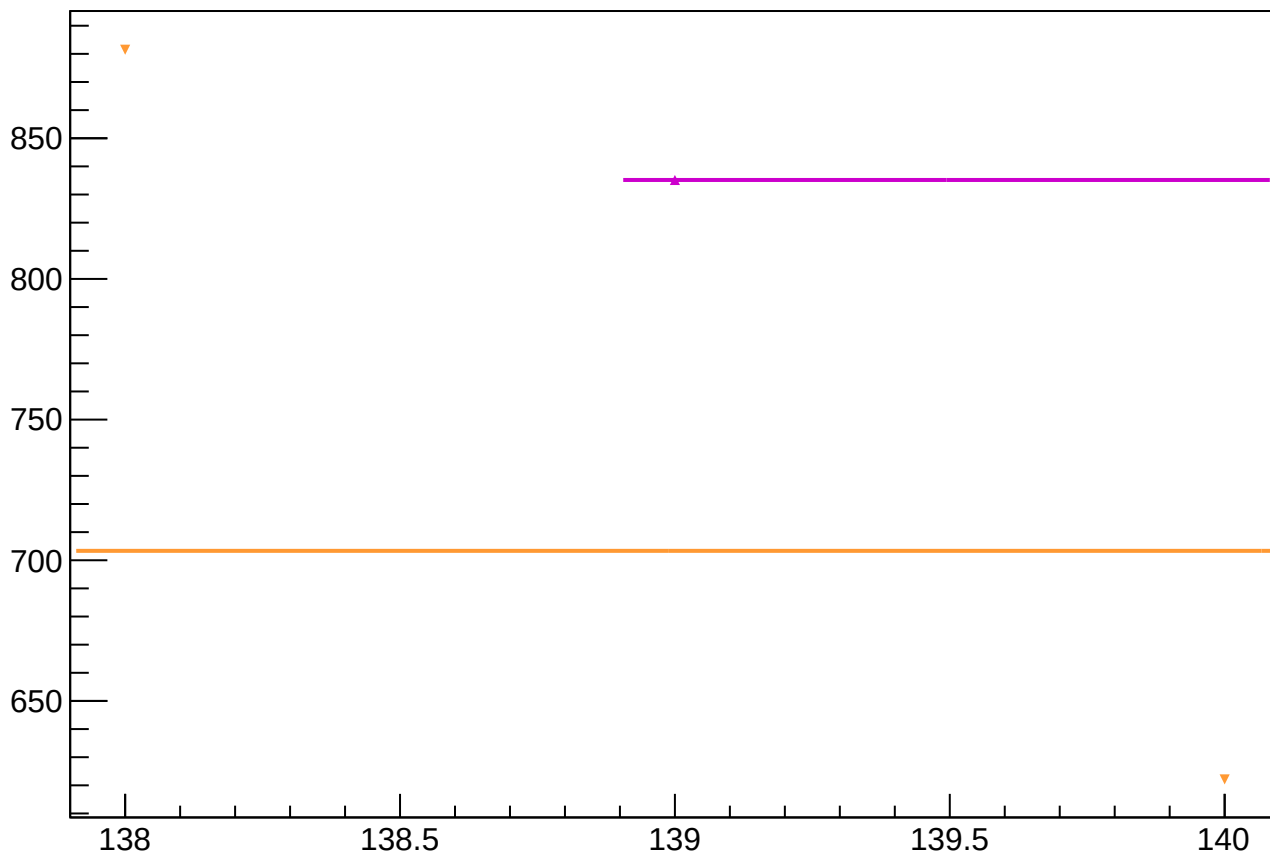
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1788.122+/-940.873 χ^2/NDF : 0.0/0

Out: 661.817+/-579.006 χ^2/NDF : 0.0/1

All: -11.139+/-493.114 χ^2/NDF : 4.9/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 703.347+/-0.409 χ^2/NDF :86327.3/1

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

Left In: 835.174+/-0.665 χ^2/NDF :0.0/0

Left: 739.558+/-0.349 χ^2/NDF : 114805.0/2

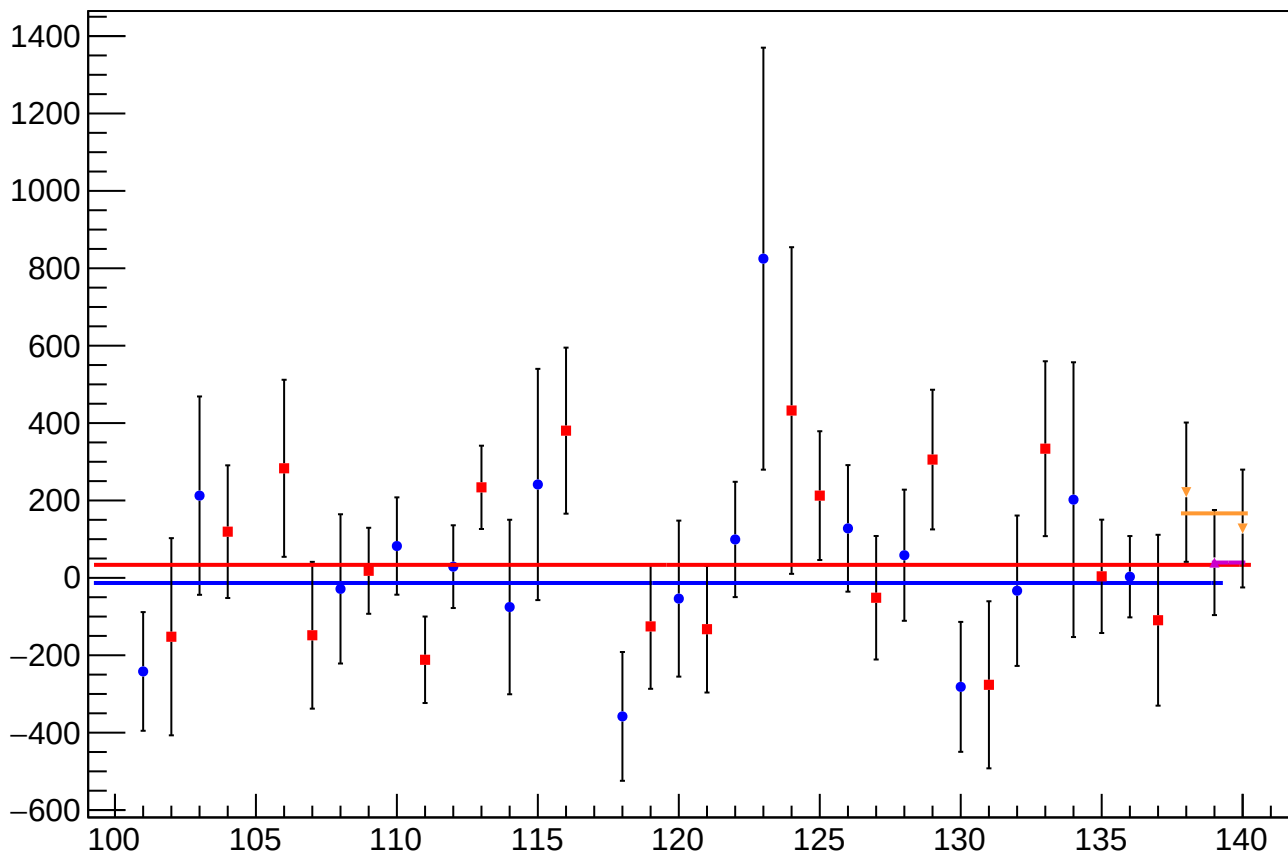
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 835.174+/-0.665 χ^2/NDF :0.0/0

Out: 703.347+/-0.409 χ^2/NDF :86327.3/1

All: 739.558+/-0.349 χ^2/NDF : 114805.0/2

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 166.677 ± 116.232 χ^2/NDF : 0.2/1

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 39.596 ± 135.777 χ^2/NDF : 0.0/0

Left: 112.934 ± 88.298 χ^2/NDF : 0.7/2

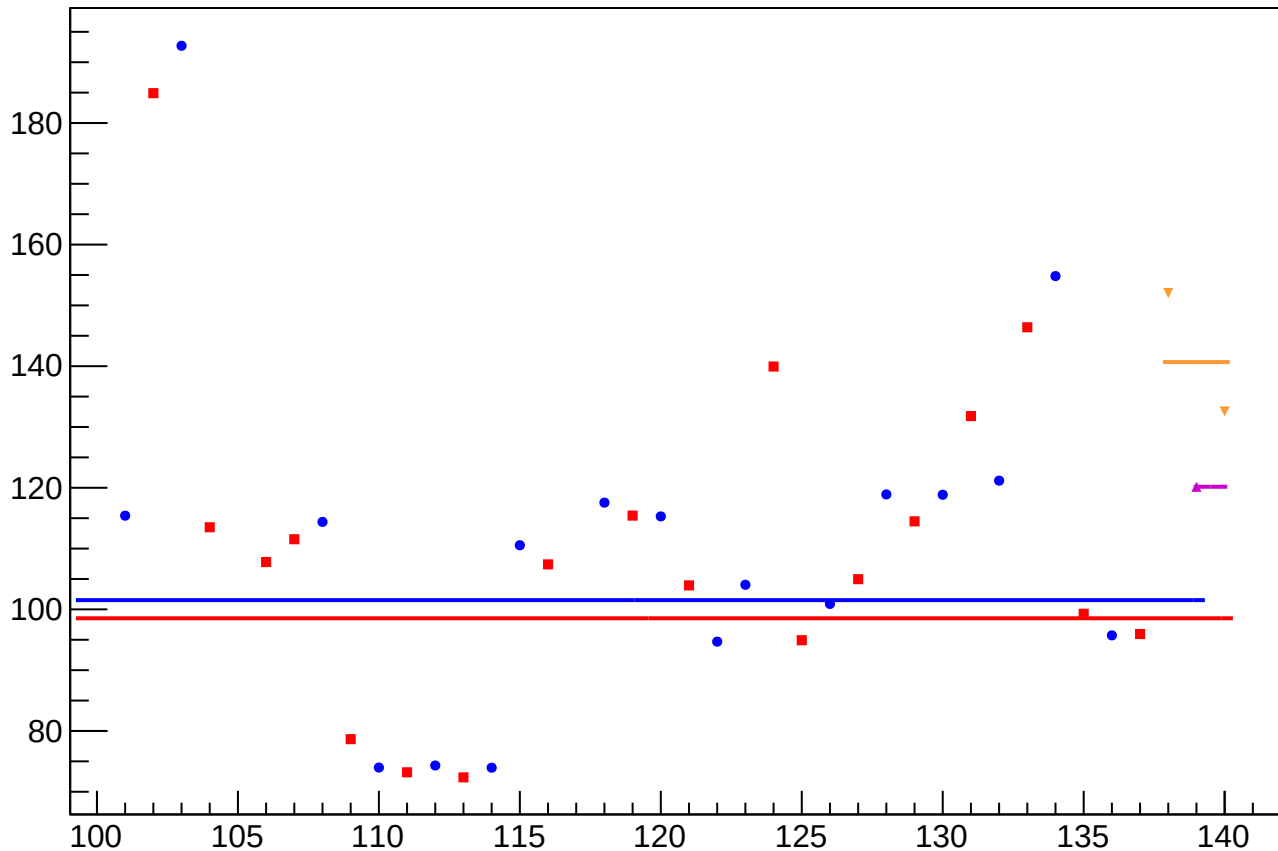
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: -8.890 ± 38.858 χ^2/NDF : 15.8/17

Out: 47.032 ± 36.881 χ^2/NDF : 26.0/19

All: 20.529 ± 26.750 χ^2/NDF : 43.0/37

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 140.680+/-0.082 χ^2/NDF :13652.0/1

Right Out: 98.537+/-0.028 χ^2/NDF : 746979.4/17

Left In: 120.169+/-0.096 χ^2/NDF :0.0/0

Left: 132.006+/-0.062 χ^2/NDF : 39991.0/2

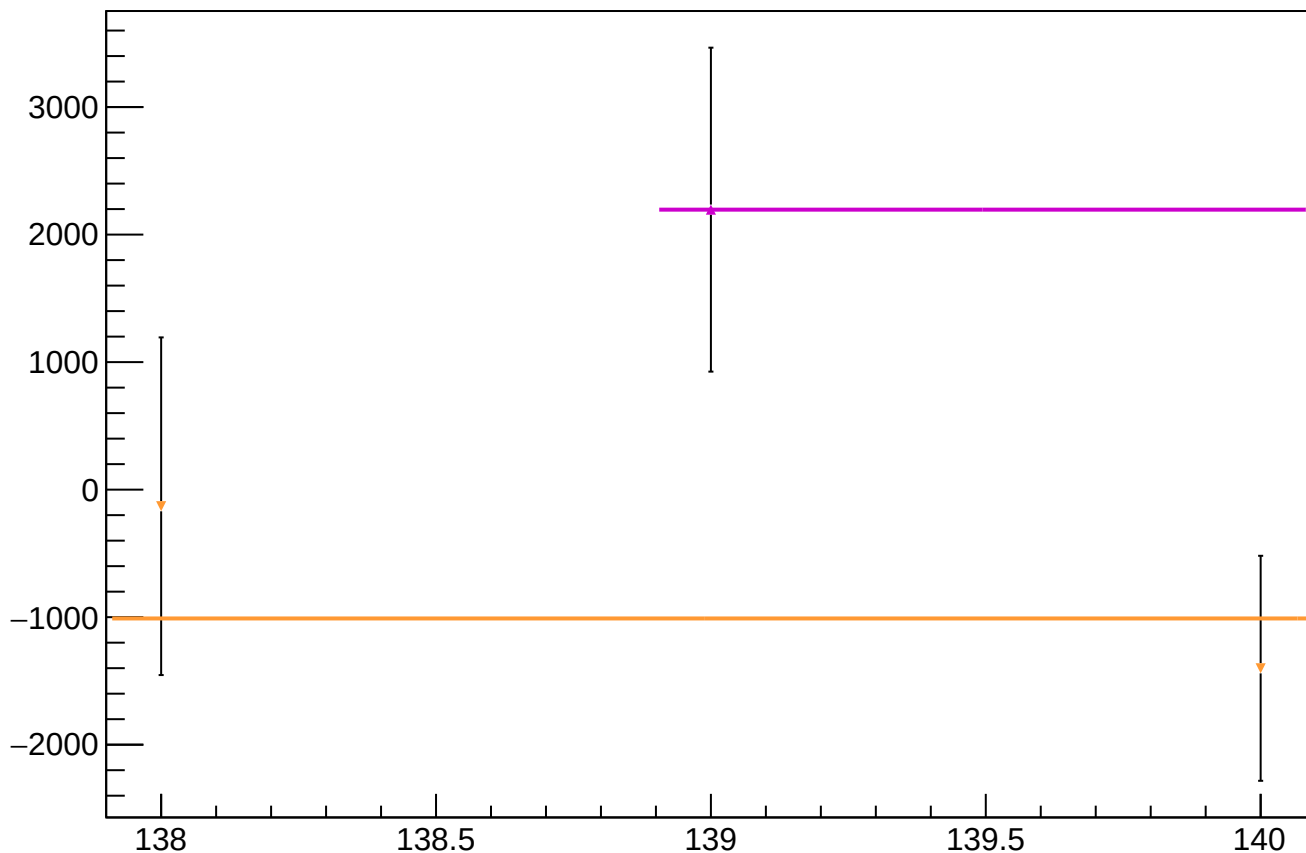
Right: 99.965+/-0.020 χ^2/NDF : 1434328.3/34

In: 103.047+/-0.027 χ^2/NDF :716356.8/17

Out: 102.780+/-0.026 χ^2/NDF :997087.5/19

All: 102.906+/-0.019 χ^2/NDF : 1713493.9/37

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1010.164+/-734.135 χ^2/NDF : 0.6/1

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

Left In: 2195.600+/-1270.182 χ^2/NDF : 0.0/0

Left: -207.419+/-635.607 χ^2/NDF : 5.4/2

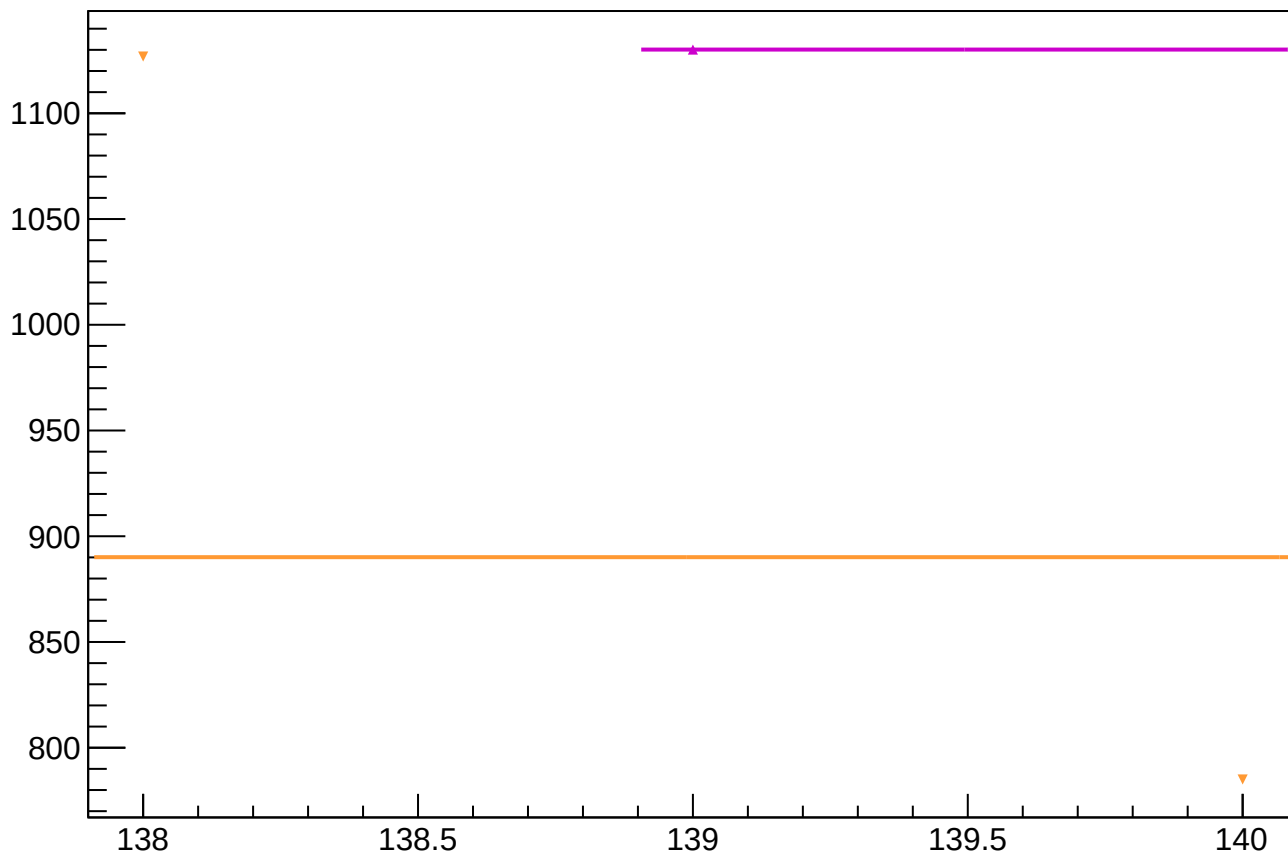
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2195.600+/-1270.182 χ^2/NDF : 0.0/0

Out: -1010.164+/-734.135 χ^2/NDF : 0.6/1

All: -207.419+/-635.607 χ^2/NDF : 5.4/2

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 890.103+/-0.519 χ^2/NDF : 92345.8/1

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

Left In: 1130.131+/-0.898 χ^2/NDF : 0.0/0

Left: 950.208+/-0.449 χ^2/NDF : 145881.9/2

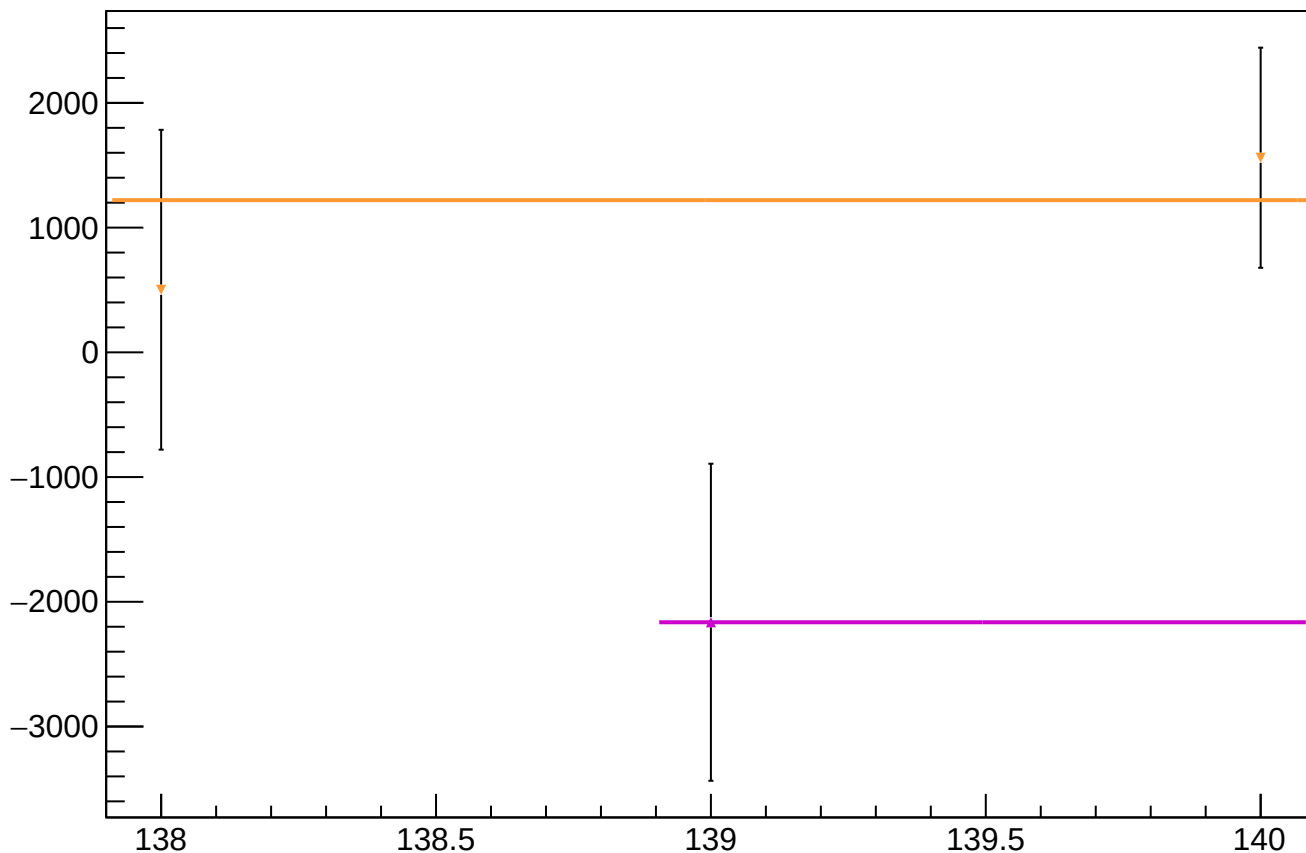
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1130.131+/-0.898 χ^2/NDF : 0.0/0

Out: 890.103+/-0.519 χ^2/NDF : 92345.8/1

All: 950.208+/-0.449 χ^2/NDF : 145881.9/2

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

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

Left In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Left: 386.155+/-630.992 χ^2/NDF : 5.8/2

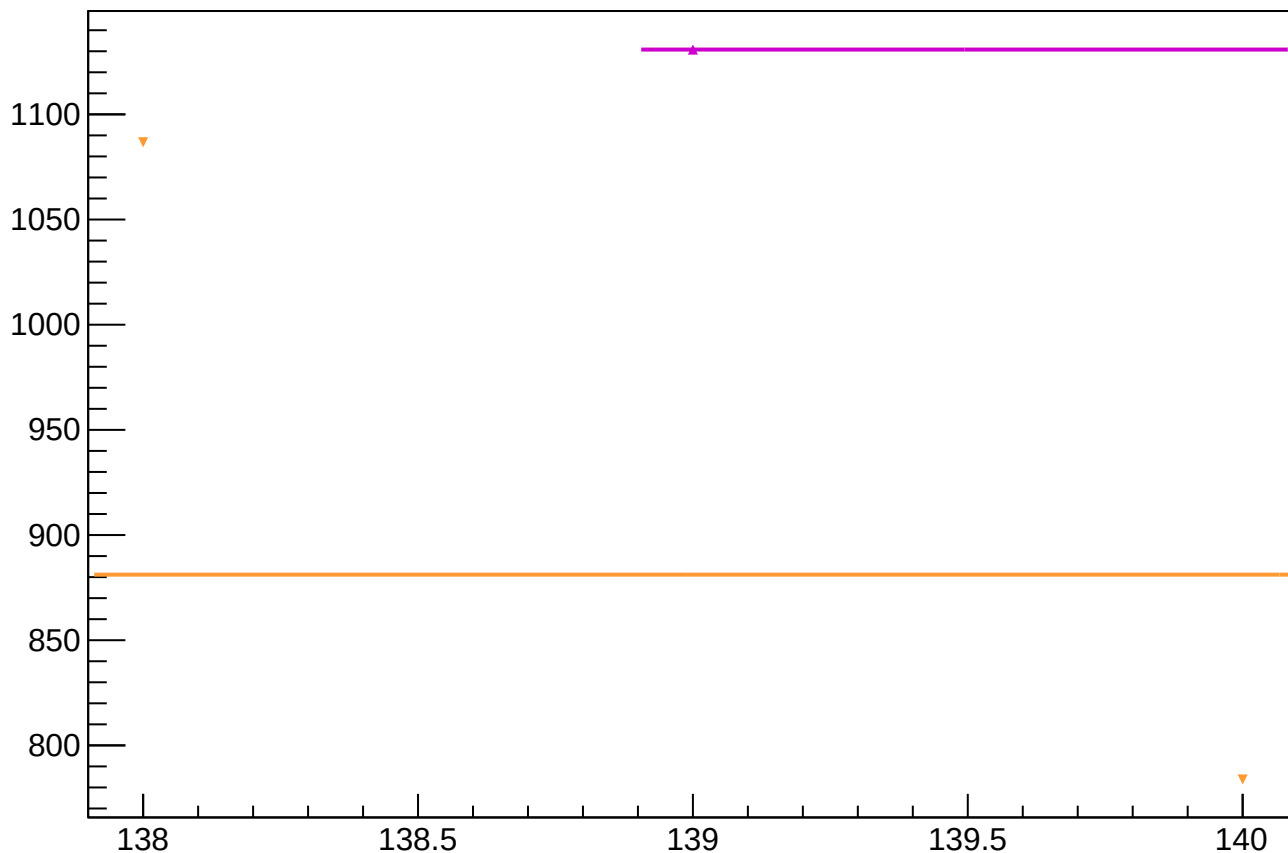
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2164.108+/-1271.075 χ^2/NDF : 0.0/0

Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

All: 386.155+/-630.992 χ^2/NDF : 5.8/2

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

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

Left In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Left: 942.691+/-0.446 χ^2/NDF : 133907.9/2

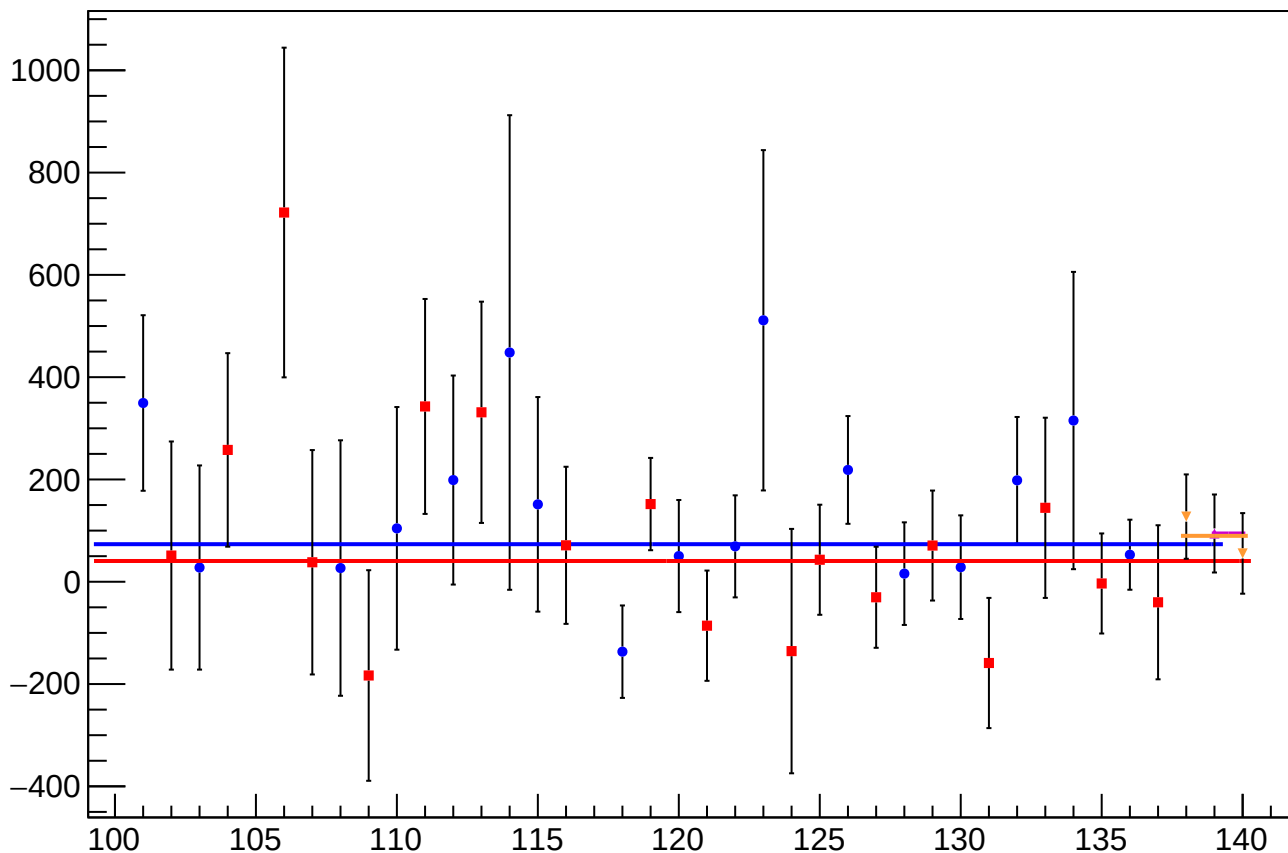
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1130.809+/-0.899 χ^2/NDF : 0.0/0

Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

All: 942.691+/-0.446 χ^2/NDF : 133907.9/2

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 89.770 $\pm$ 56.969 χ^2 /NDF:0.4/1

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 94.361 $\pm$ 76.265 χ^2 /NDF:0.0/0

Left: 91.414 $\pm$ 45.641 χ^2 /NDF: 0.4/2

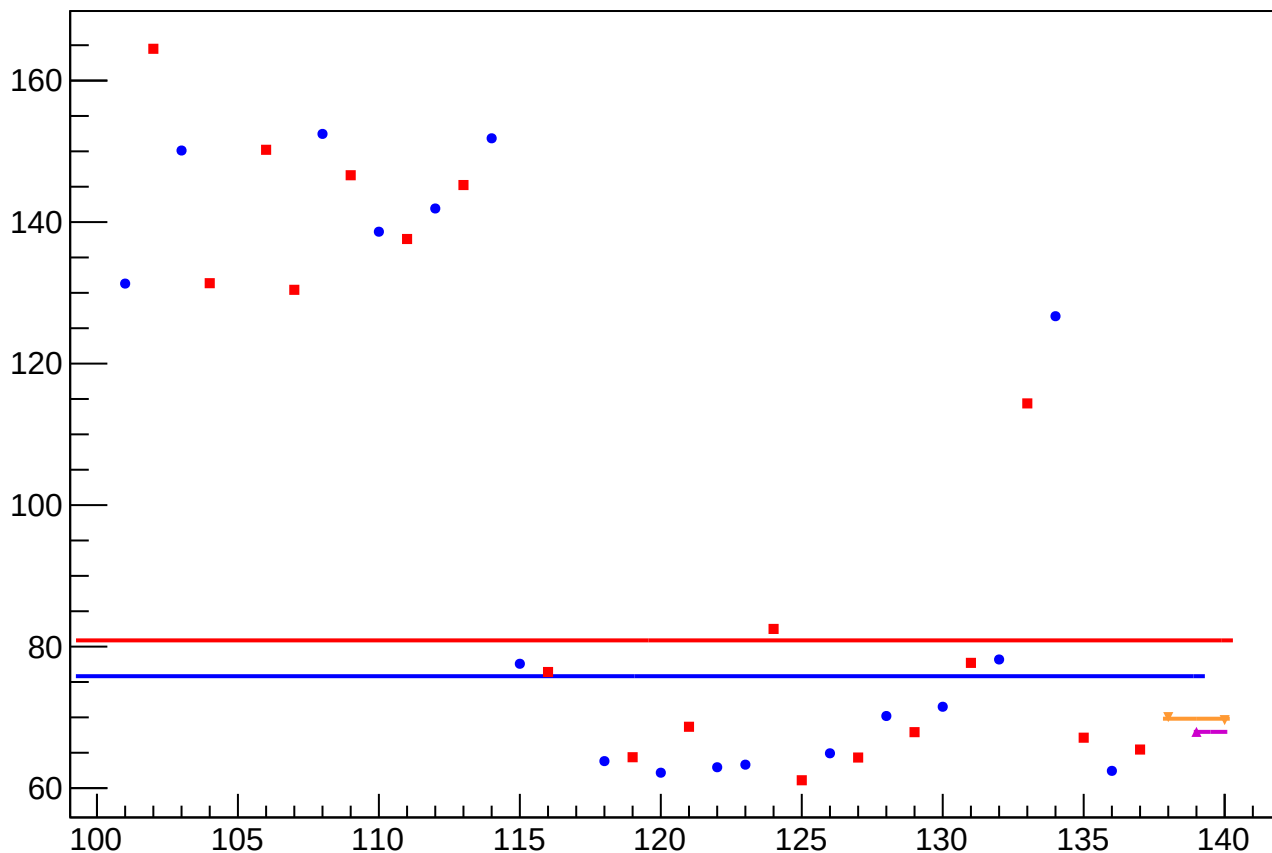
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 76.423 $\pm$ 28.766 χ^2 /NDF:15.3/17

Out: 52.806 $\pm$ 28.389 χ^2 /NDF:19.2/19

All: 64.458 $\pm$ 20.206 χ^2 /NDF: 34.8/37

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 69.811 $\pm$ 0.040 χ^2 /NDF: 27.6/1

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 67.951 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left: 69.145 $\pm$ 0.032 χ^2 /NDF: 791.5/2

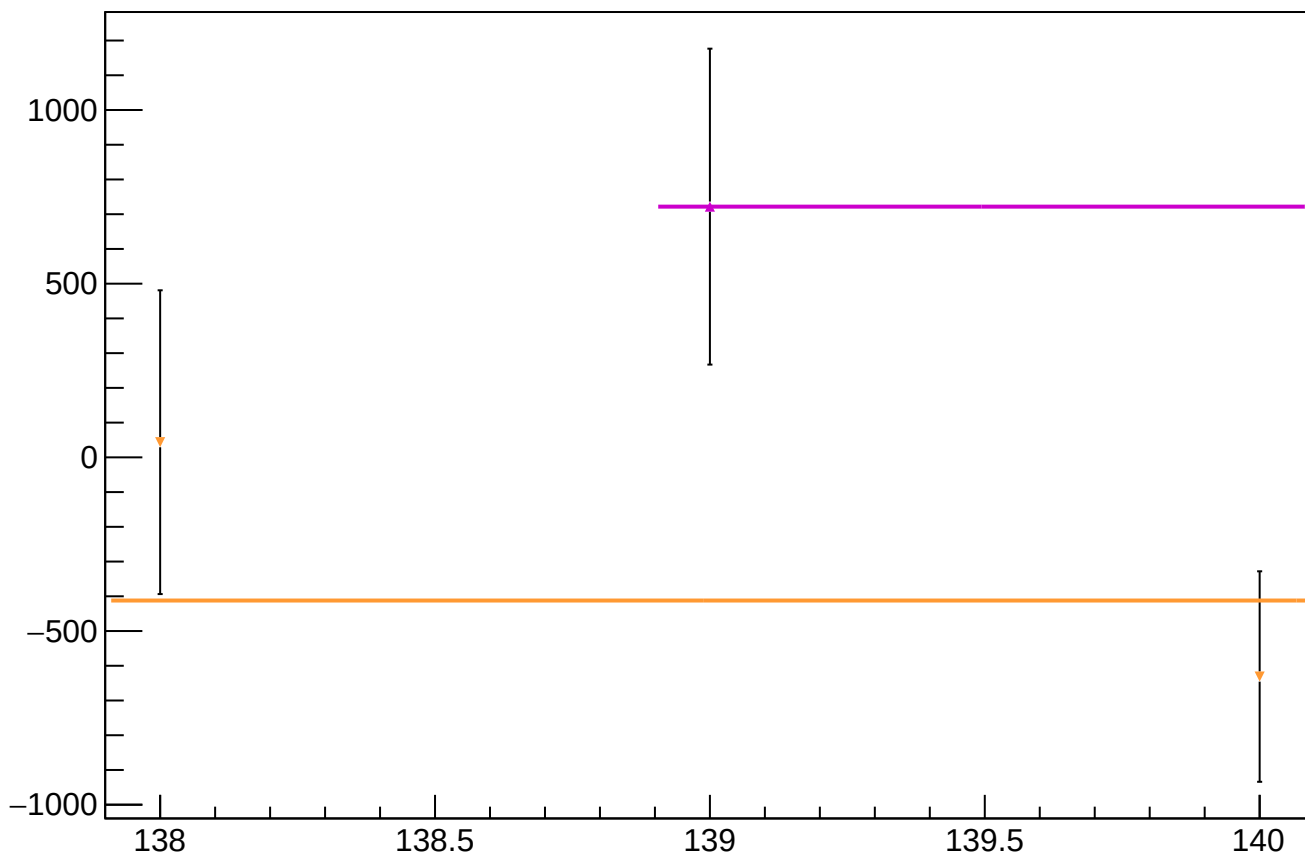
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 74.700 $\pm$ 0.020 χ^2 /NDF: 1368224.3/17

Out: 78.132 $\pm$ 0.020 χ^2 /NDF: 1582835.6/19

All: 76.439 $\pm$ 0.014 χ^2 /NDF: 2965481.8/37

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -412.176+/-249.050 χ^2/NDF : 1.6/1

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

Left In: 721.793+/-454.767 χ^2/NDF : 0.0/0

Left: -150.550+/-218.439 χ^2/NDF : 6.4/2

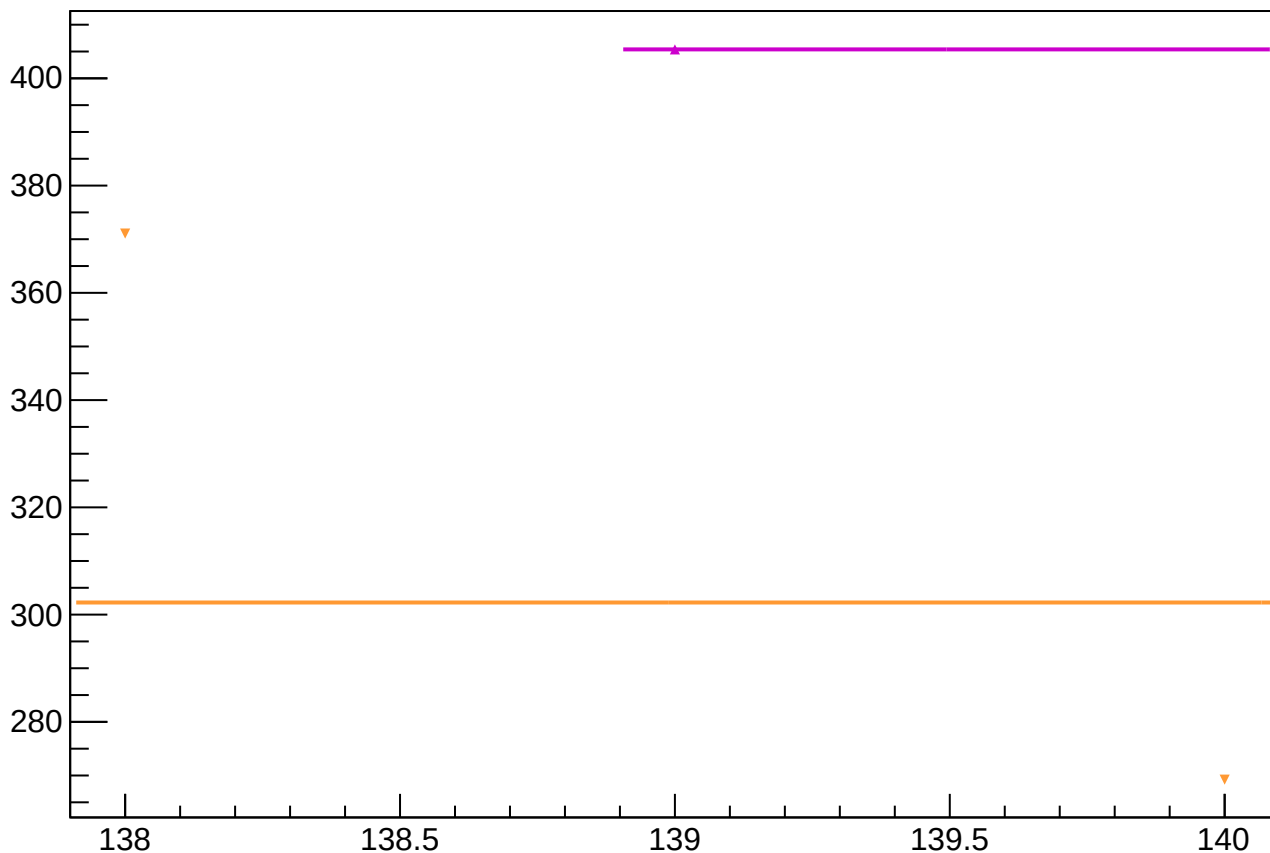
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 721.793+/-454.767 χ^2/NDF : 0.0/0

Out: -412.176+/-249.050 χ^2/NDF : 1.6/1

All: -150.550+/-218.439 χ^2/NDF : 6.4/2

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

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

Left In: 405.396+/-0.322 χ^2/NDF : 0.0/0

Left: 326.054+/-0.154 χ^2/NDF : 152412.5/2

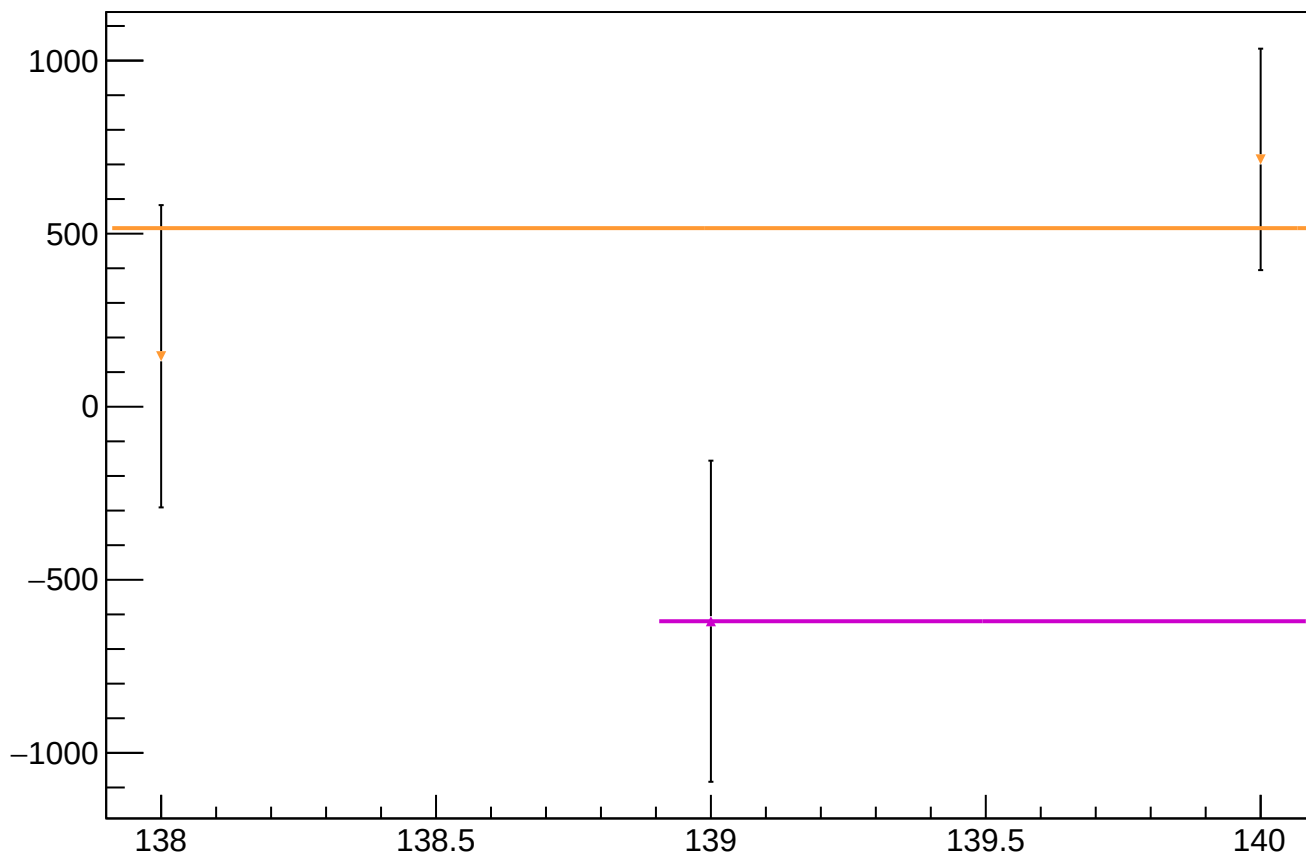
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.396+/-0.322 χ^2/NDF : 0.0/0

Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

All: 326.054+/-0.154 χ^2/NDF : 152412.5/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 515.964+/-258.045 χ^2/NDF :1.1/1

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

Left In: -619.697+/-463.863 χ^2/NDF :0.0/0

Left: 247.573+/-225.501 χ^2/NDF : 5.7/2

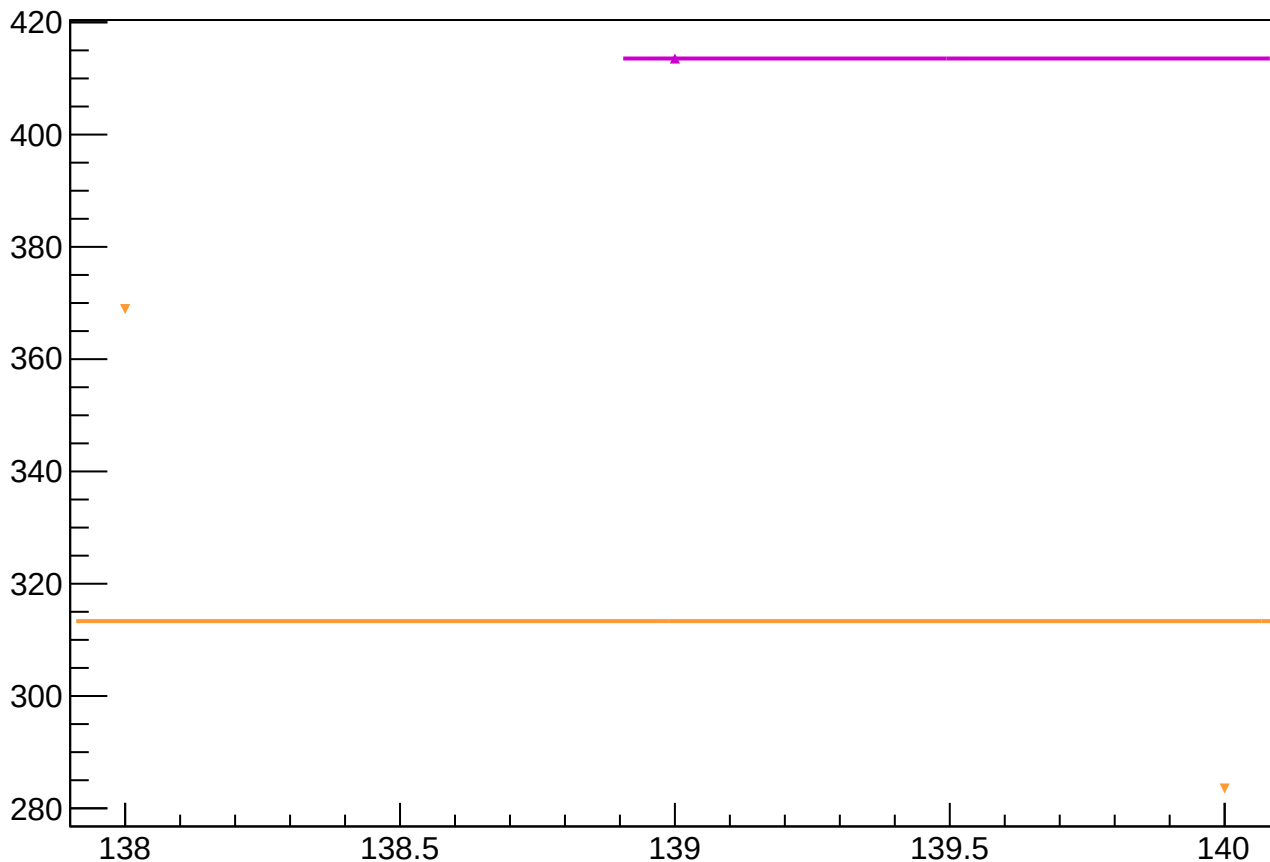
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -619.697+/-463.863 χ^2/NDF :0.0/0

Out: 515.964+/-258.045 χ^2/NDF :1.1/1

All: 247.573+/-225.501 χ^2/NDF : 5.7/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

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

Left In: 413.551+/-0.328 χ^2/NDF : 0.0/0

Left: 337.025+/-0.159 χ^2/NDF : 121058.7/2

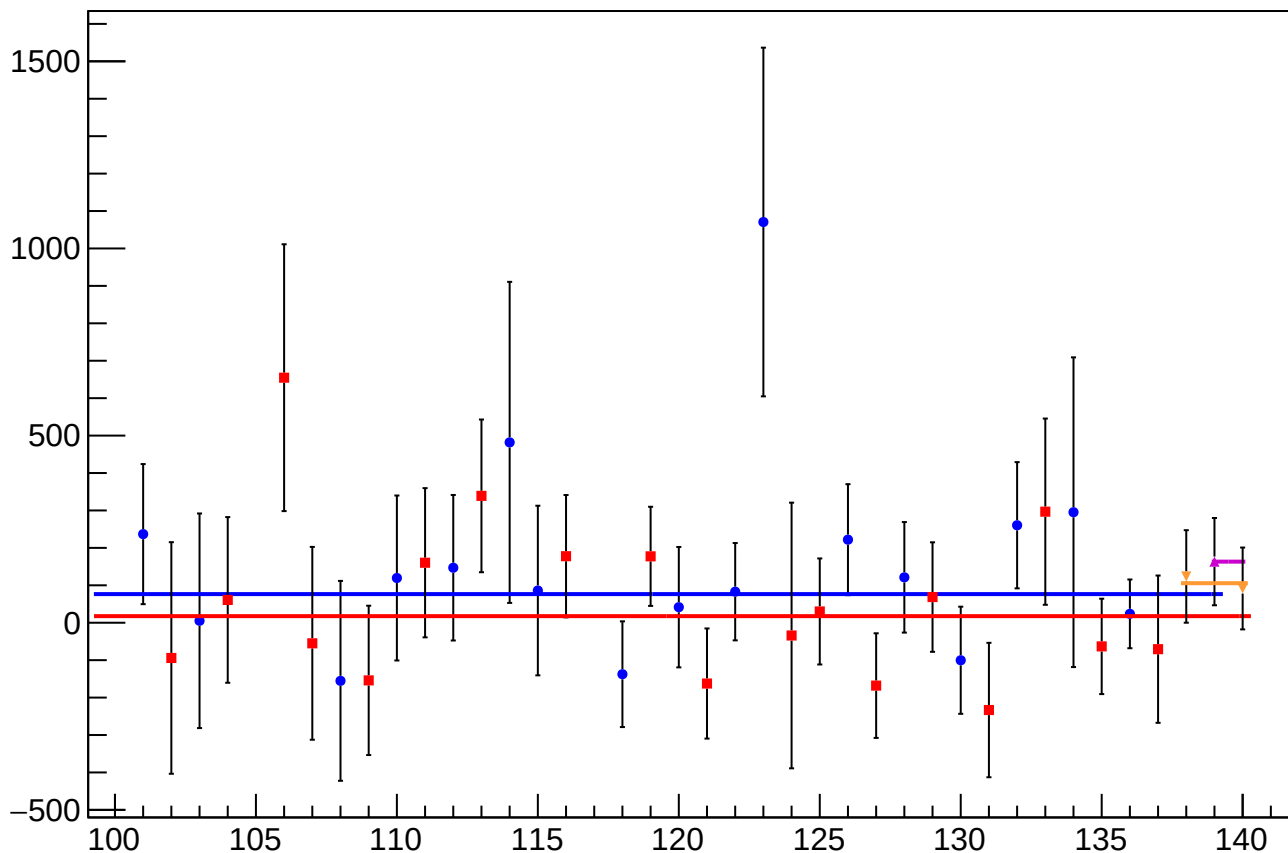
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 413.551+/-0.328 χ^2/NDF : 0.0/0

Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

All: 337.025+/-0.159 χ^2/NDF : 121058.7/2

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 105.645 $\pm$ 81.892 χ^2 /NDF:0.0/1

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 163.249 $\pm$ 116.587 χ^2 /NDF:0.0/0

Left: 124.676 $\pm$ 67.012 χ^2 /NDF: 0.2/2

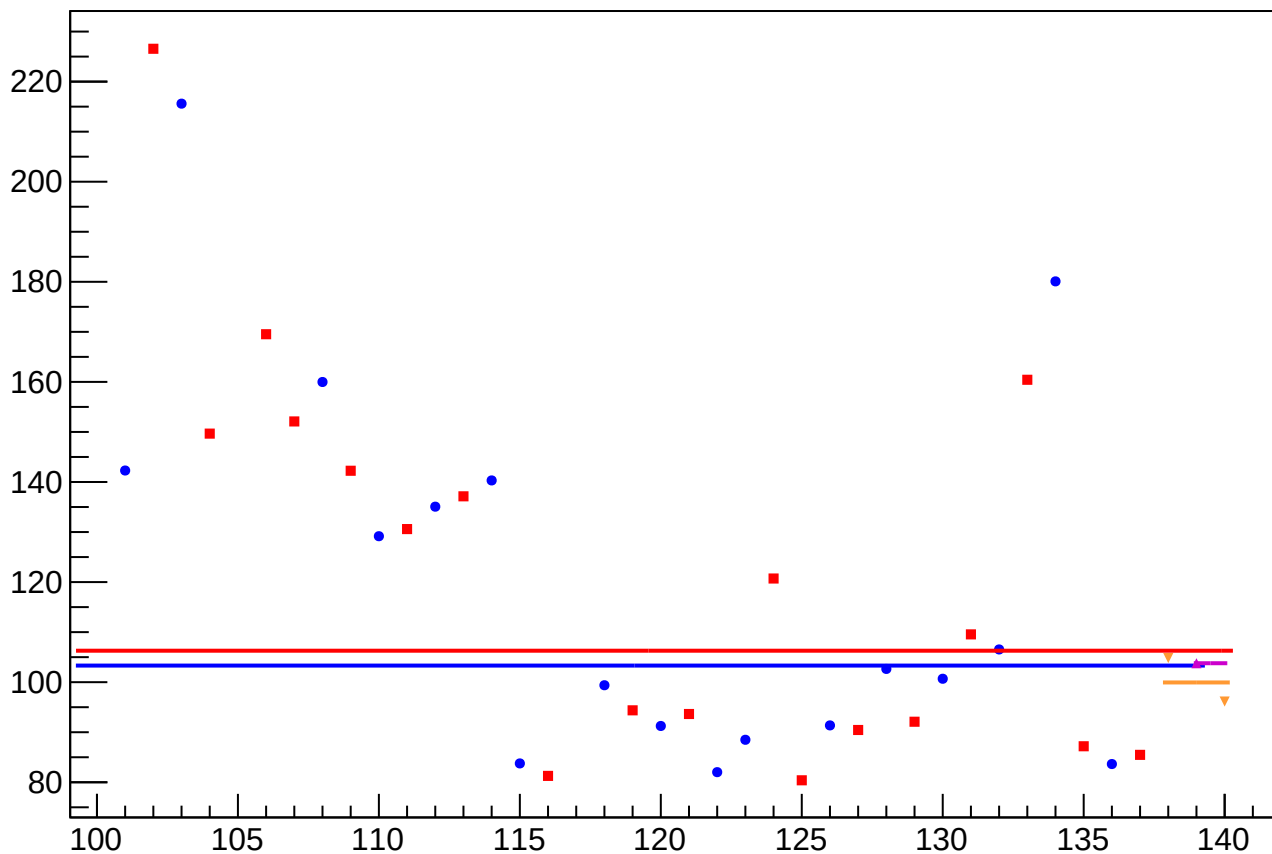
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 86.282 $\pm$ 39.145 χ^2 /NDF:14.4/17

Out: 36.146 $\pm$ 37.580 χ^2 /NDF:17.8/19

All: 60.192 $\pm$ 27.110 χ^2 /NDF: 33.0/37

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 99.946 $\pm$ 0.058 χ^2 /NDF: 5546.6/1

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 103.787 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Left: 101.215 $\pm$ 0.047 χ^2 /NDF: 7000.5/2

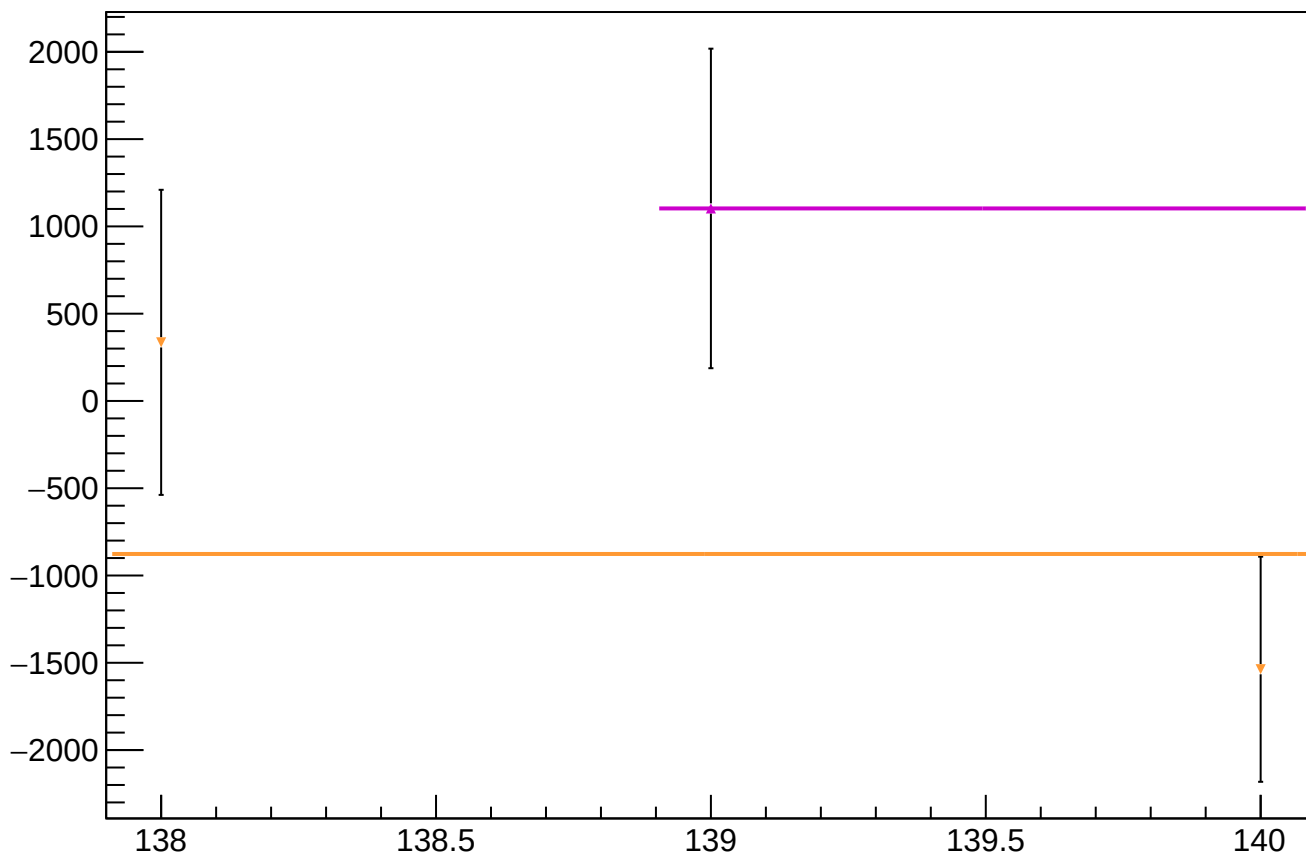
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 103.371 $\pm$ 0.028 χ^2 /NDF: 837830.5/17

Out: 104.953 $\pm$ 0.027 χ^2 /NDF: 1015727.1/19

All: 104.194 $\pm$ 0.019 χ^2 /NDF: 1855258.1/37

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -876.632+/-518.923 χ^2/NDF : 3.0/1

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

Left In: 1102.912+/-915.288 χ^2/NDF : 0.0/0

Left: -395.117+/-451.419 χ^2/NDF : 6.5/2

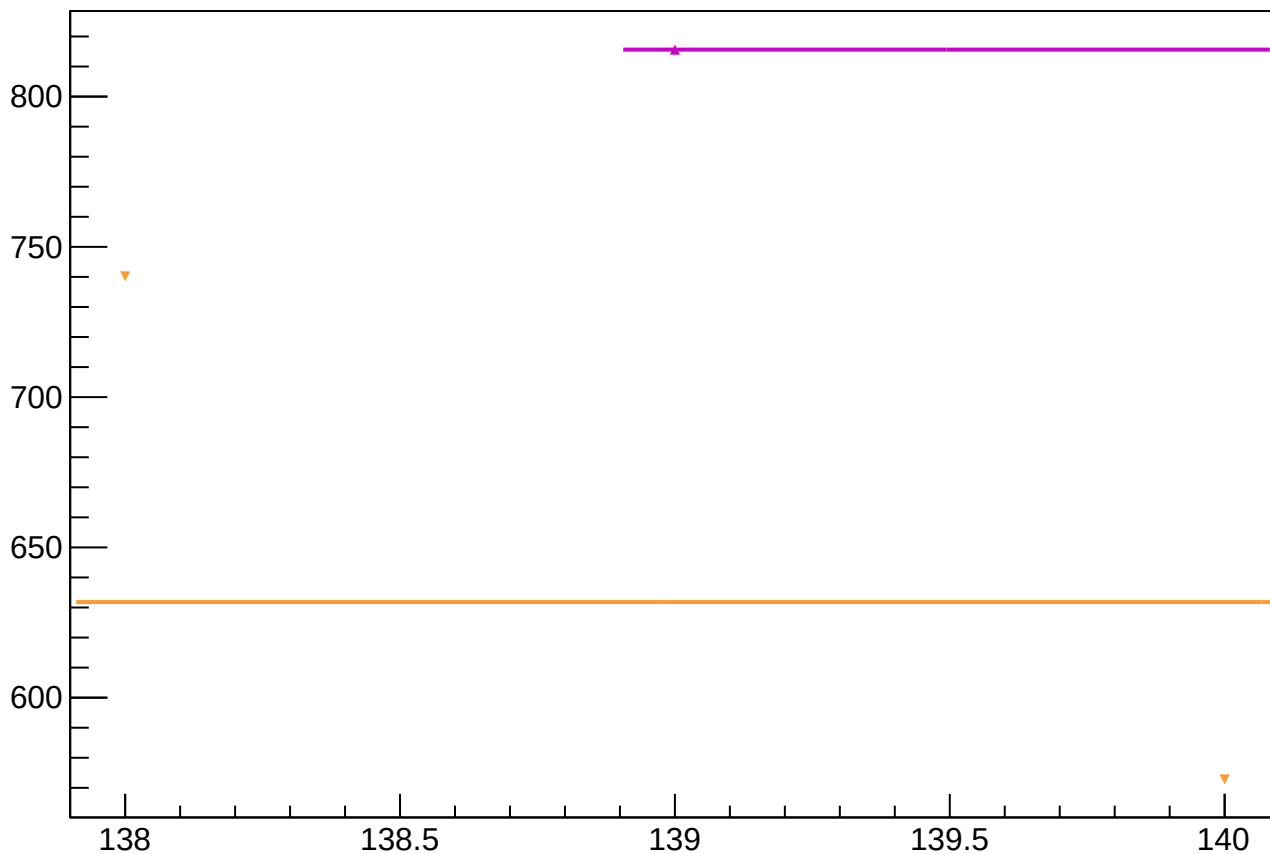
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1102.912+/-915.288 χ^2/NDF : 0.0/0

Out: -876.632+/-518.923 χ^2/NDF : 3.0/1

All: -395.117+/-451.419 χ^2/NDF : 6.5/2

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

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

Left In: 815.630+/-0.647 χ^2/NDF : 0.0/0

Left: 676.526+/-0.319 χ^2/NDF : 108542.0/2

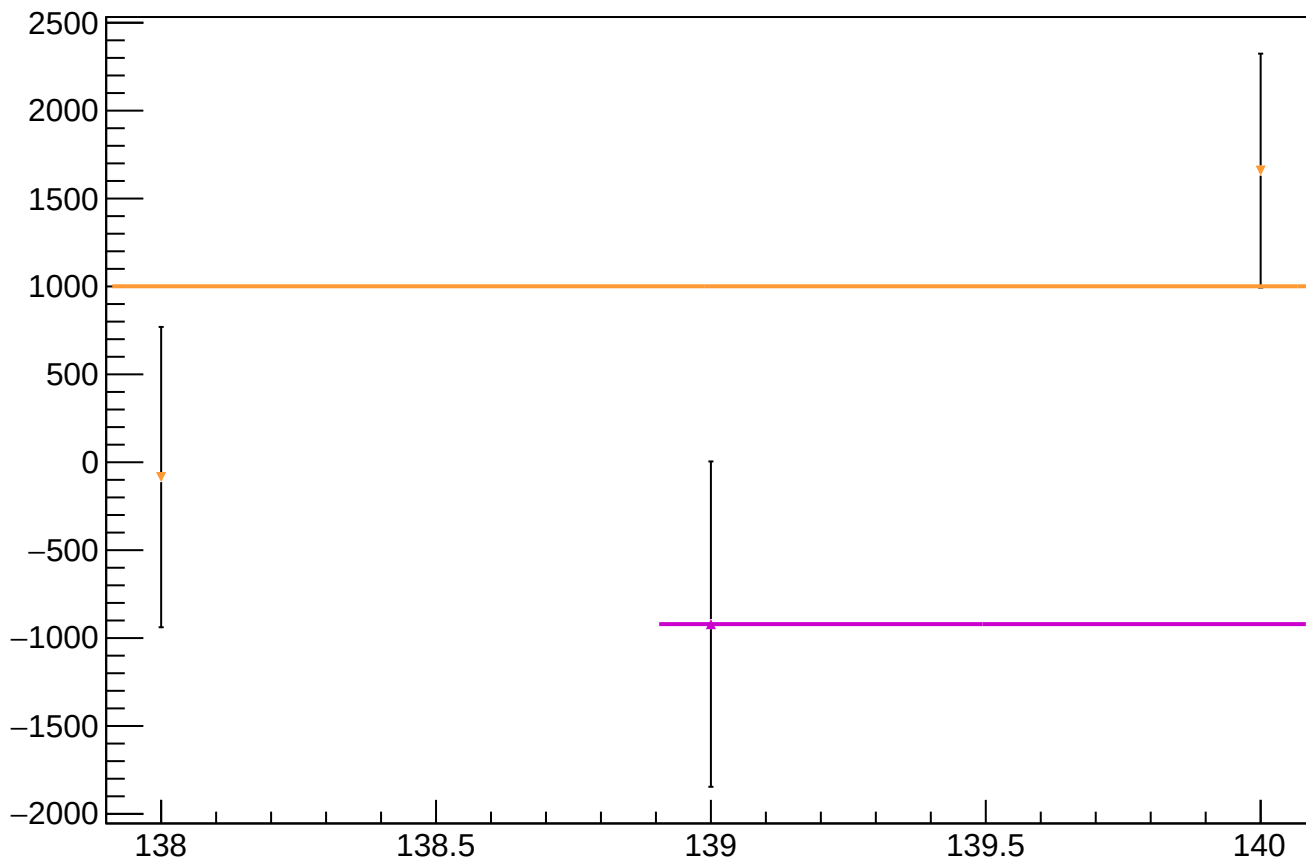
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 815.630+/-0.647 χ^2/NDF : 0.0/0

Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

All: 676.526+/-0.319 χ^2/NDF : 108542.0/2

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

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

Left In: -920.624+/-925.308 χ^2/NDF : 0.0/0

Left: 533.344+/-456.448 χ^2/NDF : 5.9/2

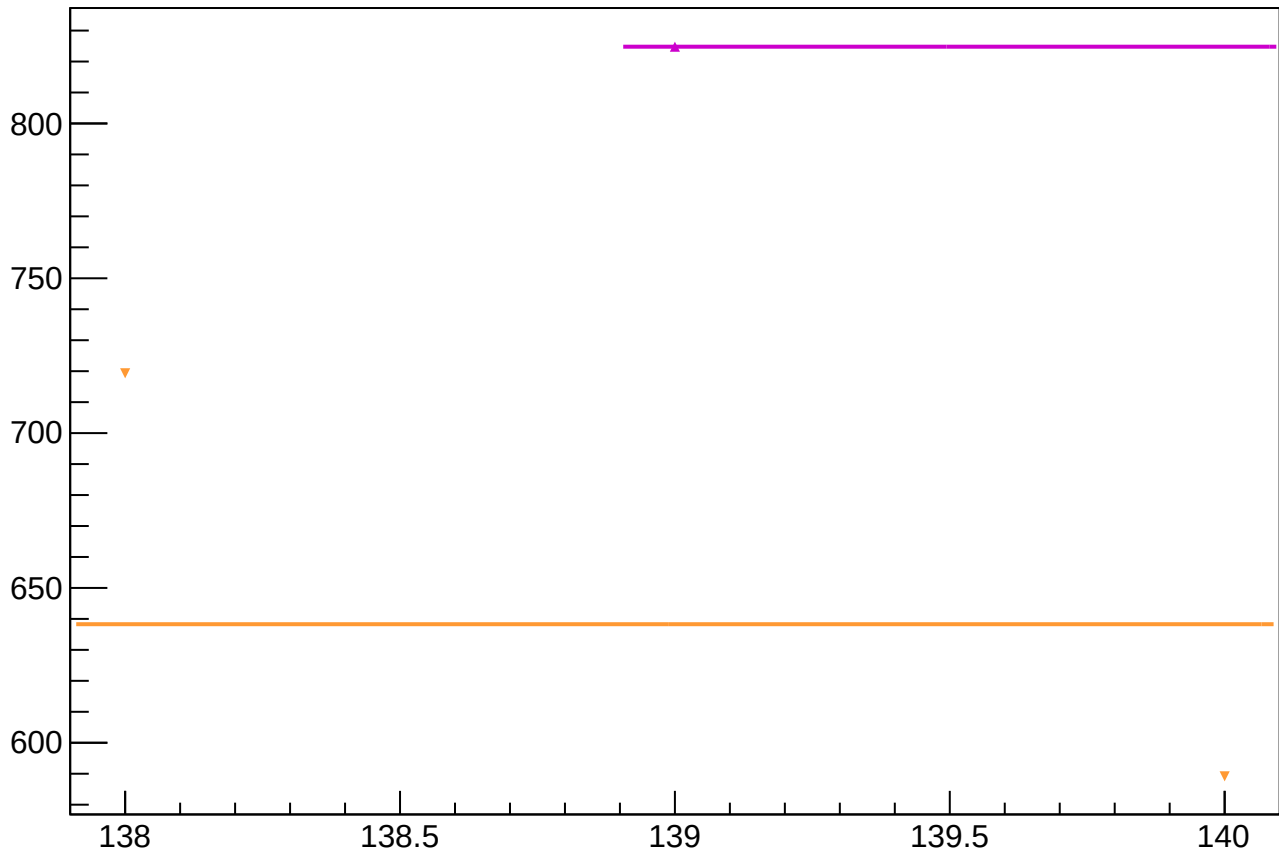
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -920.624+/-925.308 χ^2/NDF : 0.0/0

Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

All: 533.344+/-456.448 χ^2/NDF : 5.9/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

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

Left In: 824.793+/-0.654 χ^2/NDF :0.0/0

Left: 683.671+/-0.323 χ^2/NDF : 90400.5/2

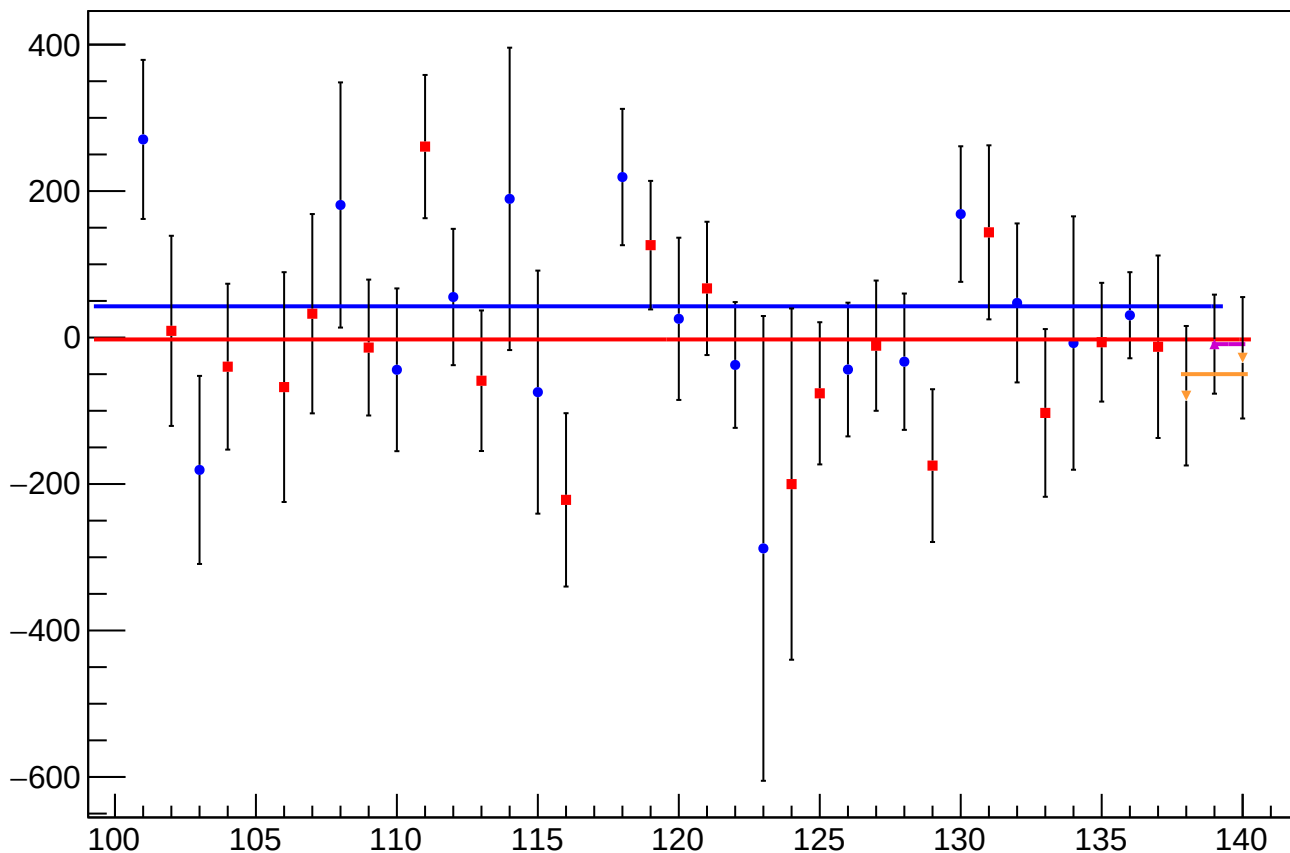
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.793+/-0.654 χ^2/NDF :0.0/0

Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

All: 683.671+/-0.323 χ^2/NDF : 90400.5/2

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -49.961+/-62.529 χ^2/NDF : 0.2/1

Right Out: -2.576+/-25.088 χ^2/NDF : 20.4/17

Left In: -9.006+/-67.621 χ^2/NDF : 0.0/0

Left: -31.084+/-45.910 χ^2/NDF : 0.4/2

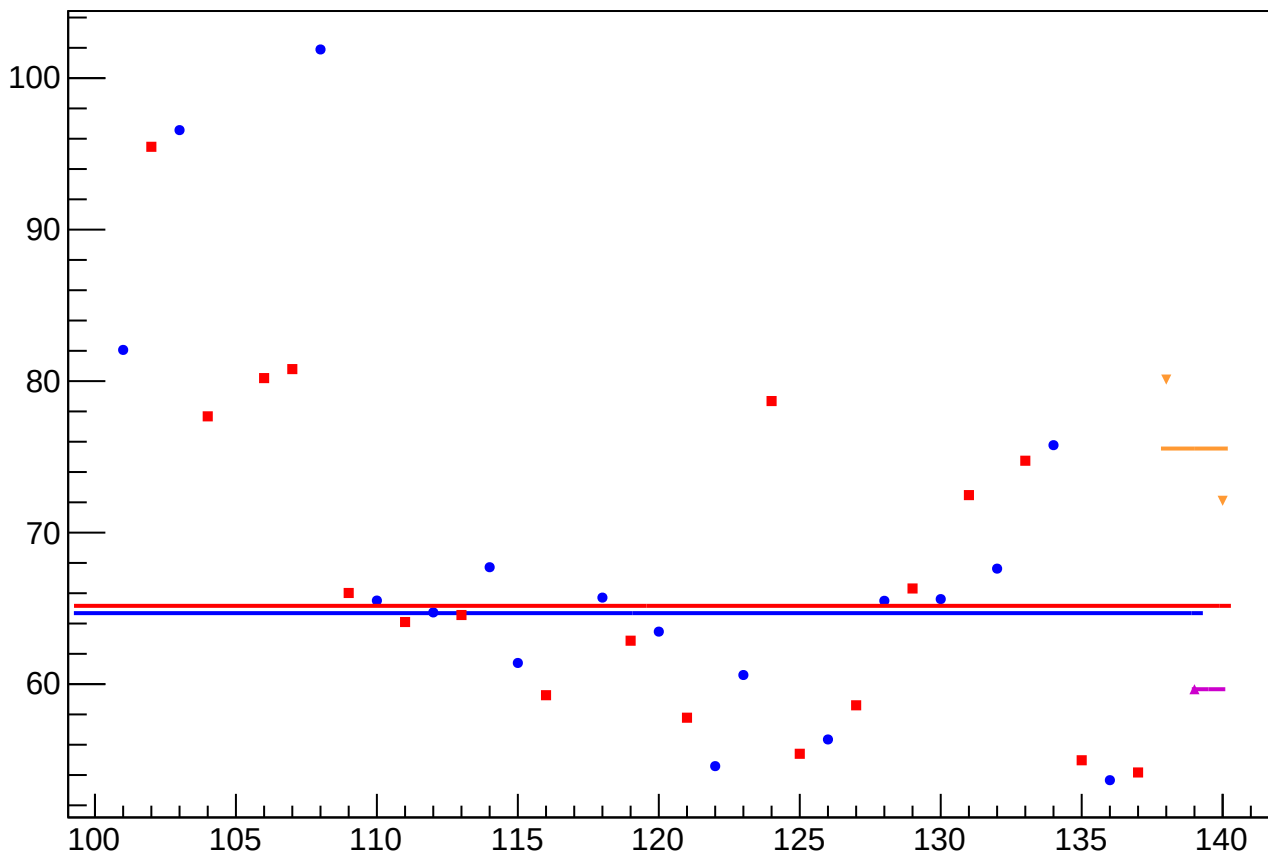
Right: 19.683+/-17.879 χ^2/NDF : 40.9/34

In: 36.229+/-23.848 χ^2/NDF : 19.4/17

Out: -9.146+/-23.284 χ^2/NDF : 21.1/19

All: 12.998+/-16.660 χ^2/NDF : 42.3/37

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 75.550 $\pm$ 0.044 χ^2 /NDF:8029.5/1

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 59.664 $\pm$ 0.048 χ^2 /NDF:0.0/0

Left: 68.228 $\pm$ 0.032 χ^2 /NDF: 67537.5/2

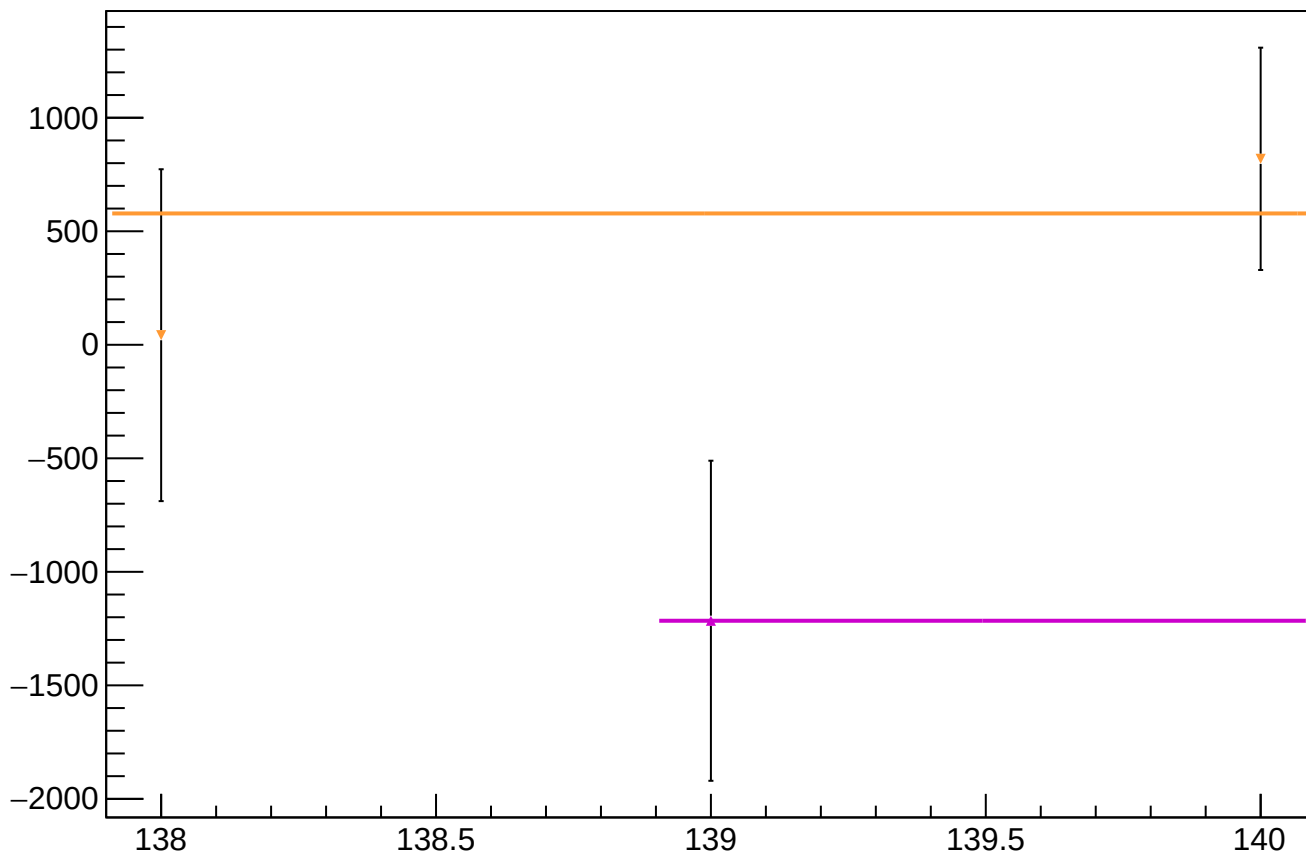
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 64.061 $\pm$ 0.017 χ^2 /NDF:409845.9/17

Out: 66.607 $\pm$ 0.016 χ^2 /NDF:360109.6/19

All: 65.364 $\pm$ 0.012 χ^2 /NDF: 781626.7/37

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 578.490 $\pm$ 406.757 χ^2/NDF : 0.8/1

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

Left In: -1215.498 $\pm$ 704.894 χ^2/NDF : 0.0/0

Left: 130.347 $\pm$ 352.308 χ^2/NDF : 5.6/2

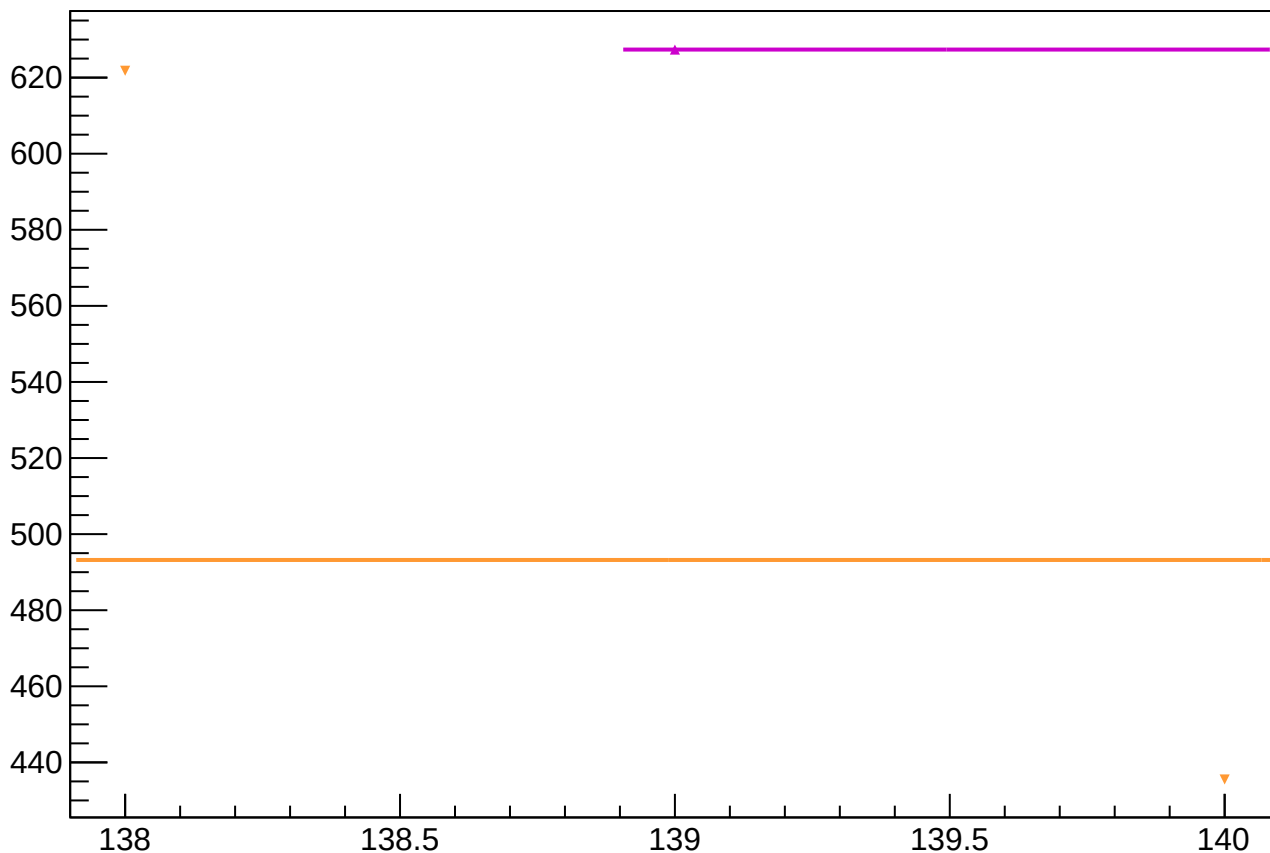
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -1215.498 $\pm$ 704.894 χ^2/NDF : 0.0/0

Out: 578.490 $\pm$ 406.757 χ^2/NDF : 0.8/1

All: 130.347 $\pm$ 352.308 χ^2/NDF : 5.6/2

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 493.209+/-0.288 χ^2/NDF : 89692.3/1

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

Left In: 627.372+/-0.498 χ^2/NDF : 0.0/0

Left: 526.723+/-0.249 χ^2/NDF : 144045.3/2

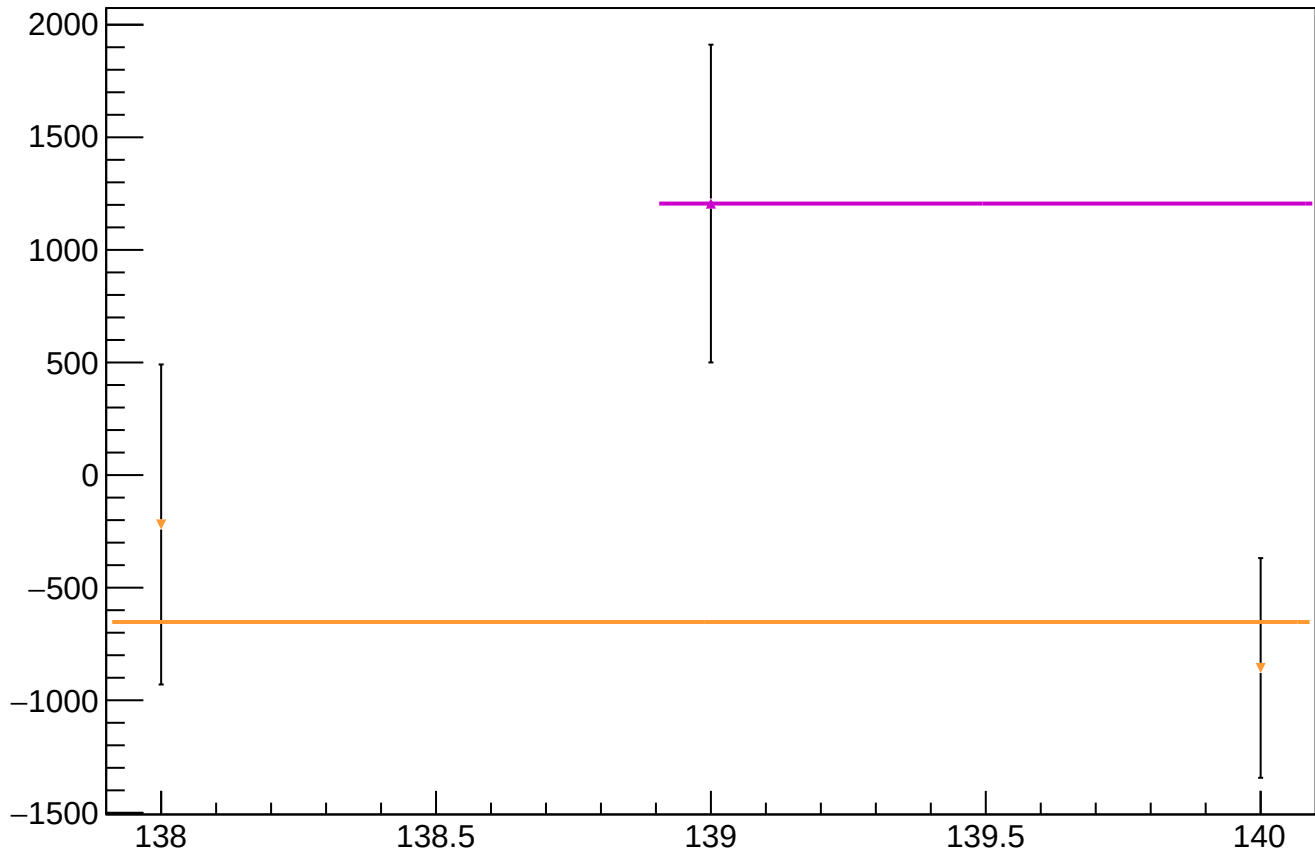
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 627.372+/-0.498 χ^2/NDF : 0.0/0

Out: 493.209+/-0.288 χ^2/NDF : 89692.3/1

All: 526.723+/-0.249 χ^2/NDF : 144045.3/2

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -652.407+/-402.161 χ^2/NDF : 0.5/1

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

Left In: 1205.778+/-705.627 χ^2/NDF : 0.0/0

Left: -196.812+/-349.398 χ^2/NDF : 5.8/2

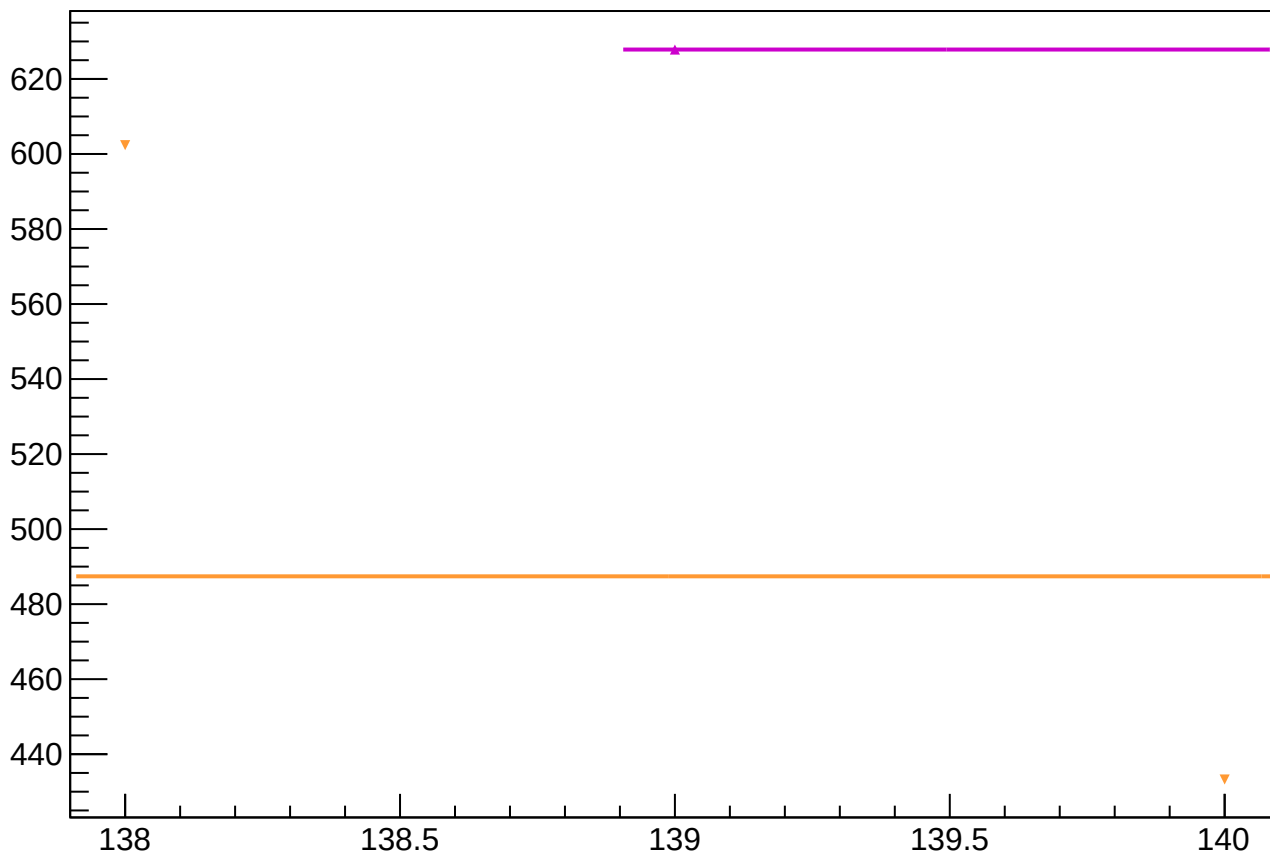
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1205.778+/-705.627 χ^2/NDF : 0.0/0

Out: -652.407+/-402.161 χ^2/NDF : 0.5/1

All: -196.812+/-349.398 χ^2/NDF : 5.8/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

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

Left In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Left: 521.843+/-0.247 χ^2/NDF : 136773.7/2

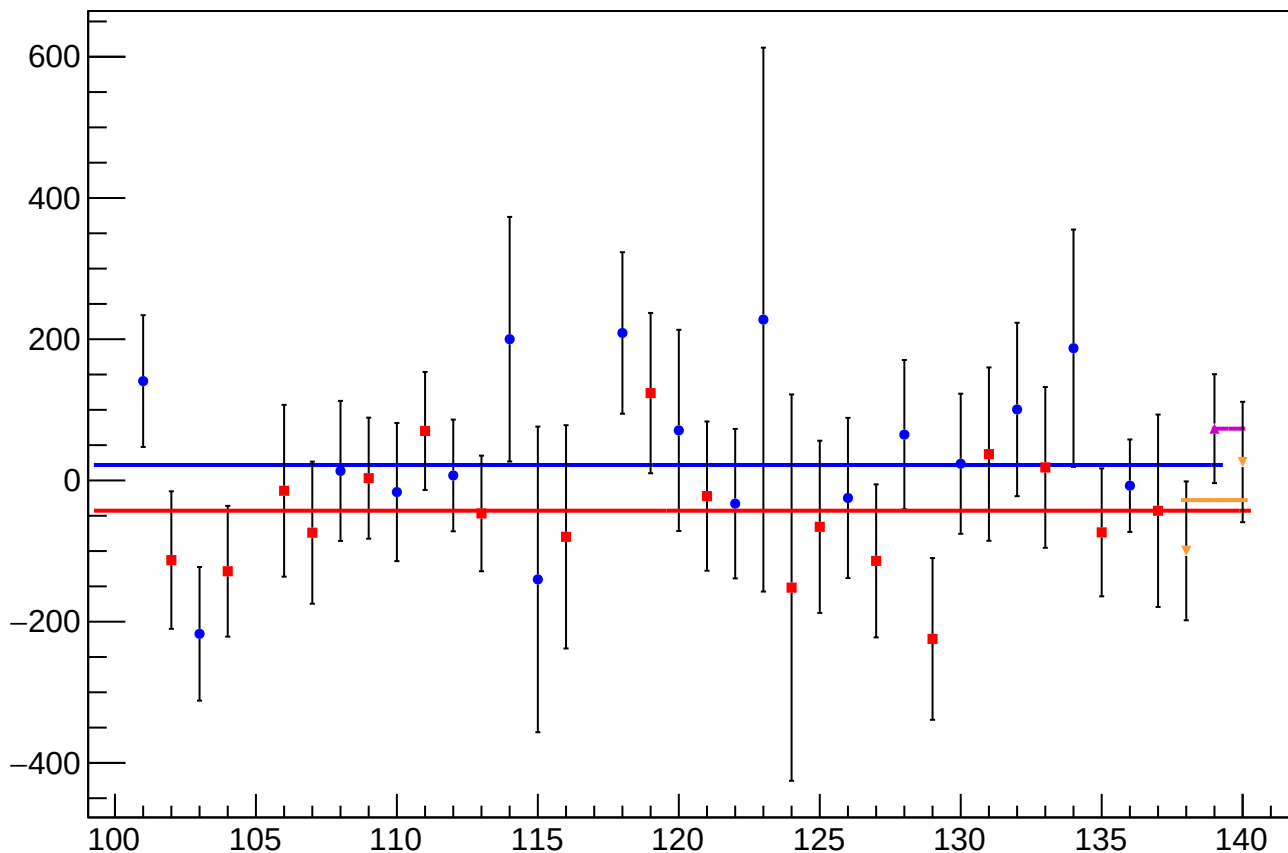
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 627.841+/-0.499 χ^2/NDF : 0.0/0

Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

All: 521.843+/-0.247 χ^2/NDF : 136773.7/2

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: -27.846 $\pm$ 64.414 χ^2 /NDF:0.9/1

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 73.339 $\pm$ 77.088 χ^2 /NDF:0.0/0

Left: 13.755 $\pm$ 49.429 χ^2 /NDF: 1.9/2

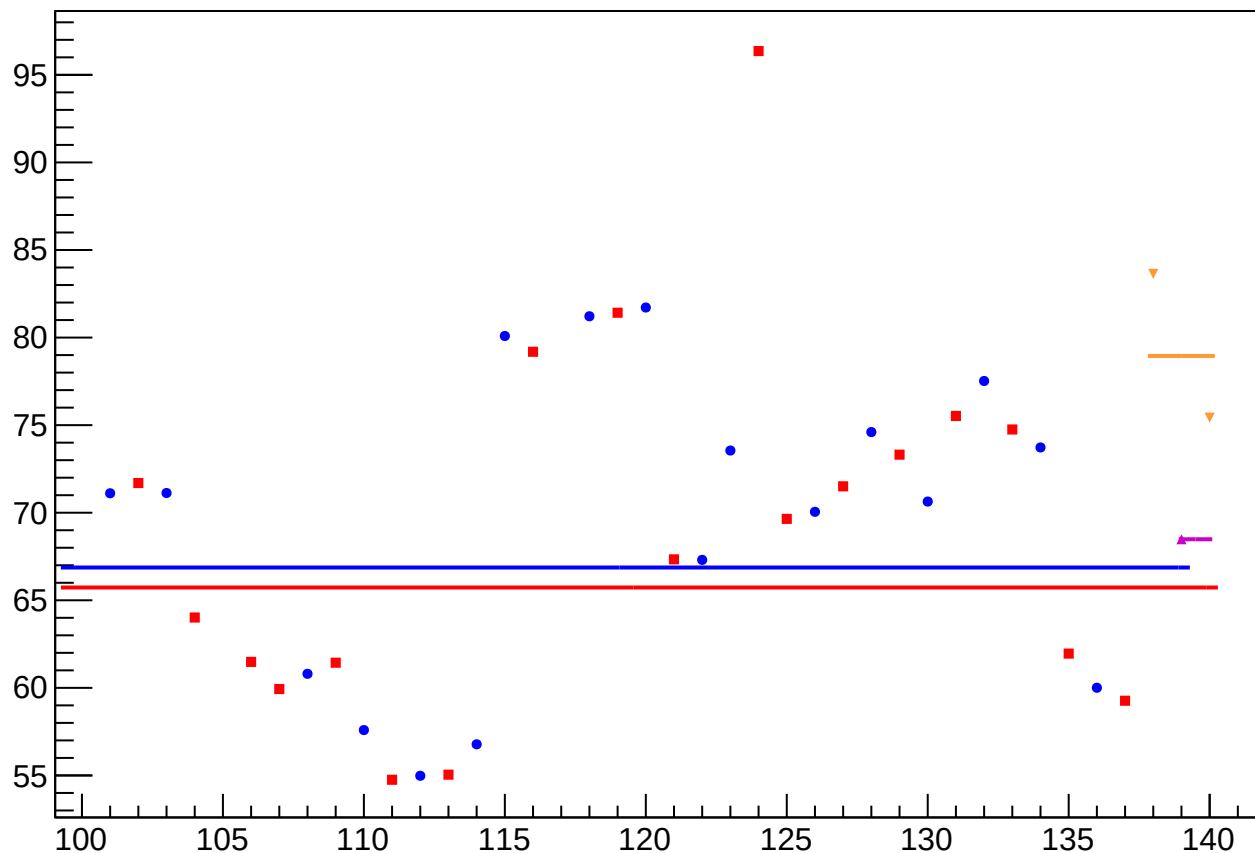
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 27.181 $\pm$ 24.683 χ^2 /NDF:15.5/17

Out: -40.841 $\pm$ 23.400 χ^2 /NDF:10.8/19

All: -8.644 $\pm$ 16.982 χ^2 /NDF: 30.3/37

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 78.950 $\pm$ 0.046 χ^2 /NDF: 7959.9/1

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 68.486 $\pm$ 0.055 χ^2 /NDF: 0.0/0

Left: 74.648 $\pm$ 0.035 χ^2 /NDF: 29660.1/2

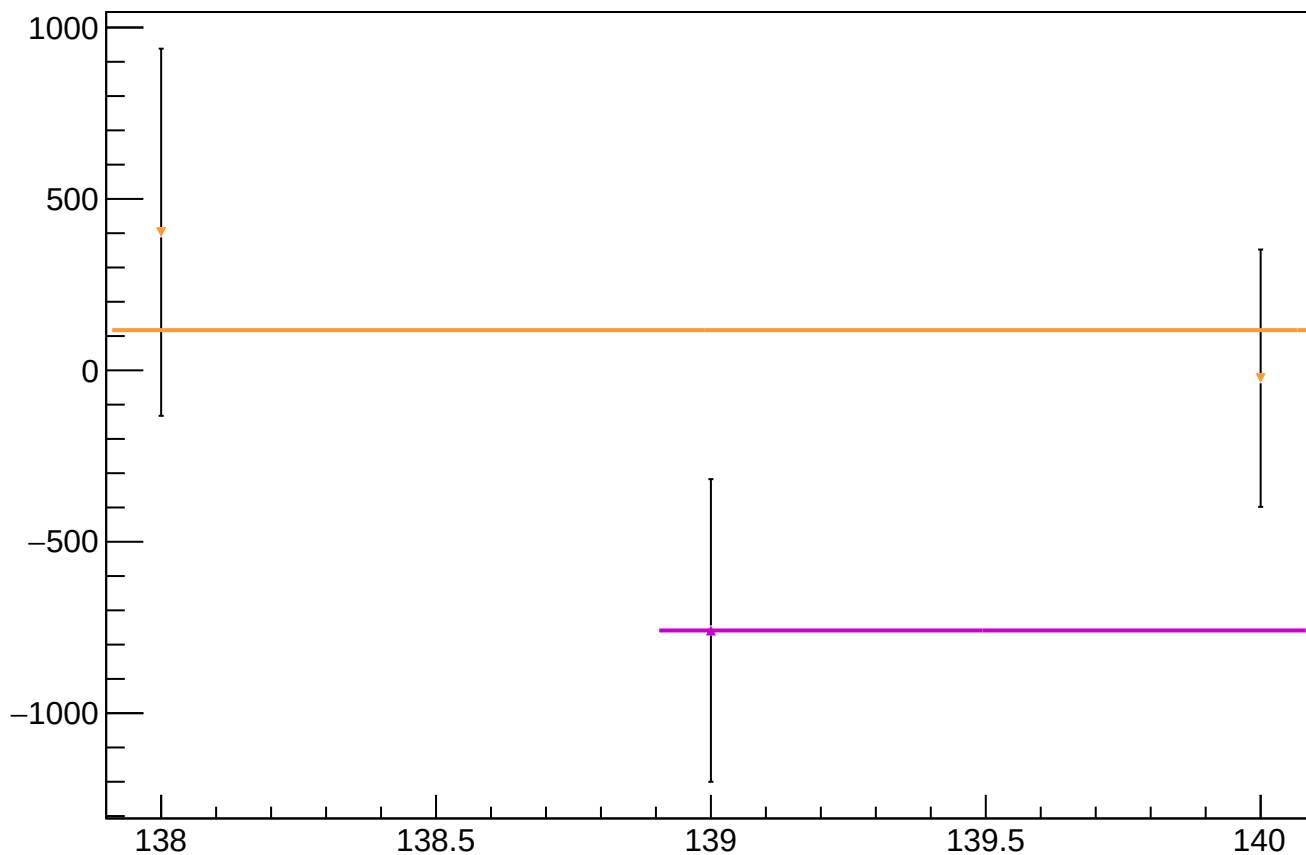
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 67.037 $\pm$ 0.017 χ^2 /NDF: 203302.2/17

Out: 67.475 $\pm$ 0.017 χ^2 /NDF: 299945.6/19

All: 67.268 $\pm$ 0.012 χ^2 /NDF: 503578.8/37

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 117.338+/-307.337 χ^2/NDF : 0.4/1

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

Left In: -758.698+/-441.422 χ^2/NDF : 0.0/0

Left: -168.678+/-252.225 χ^2/NDF : 3.1/2

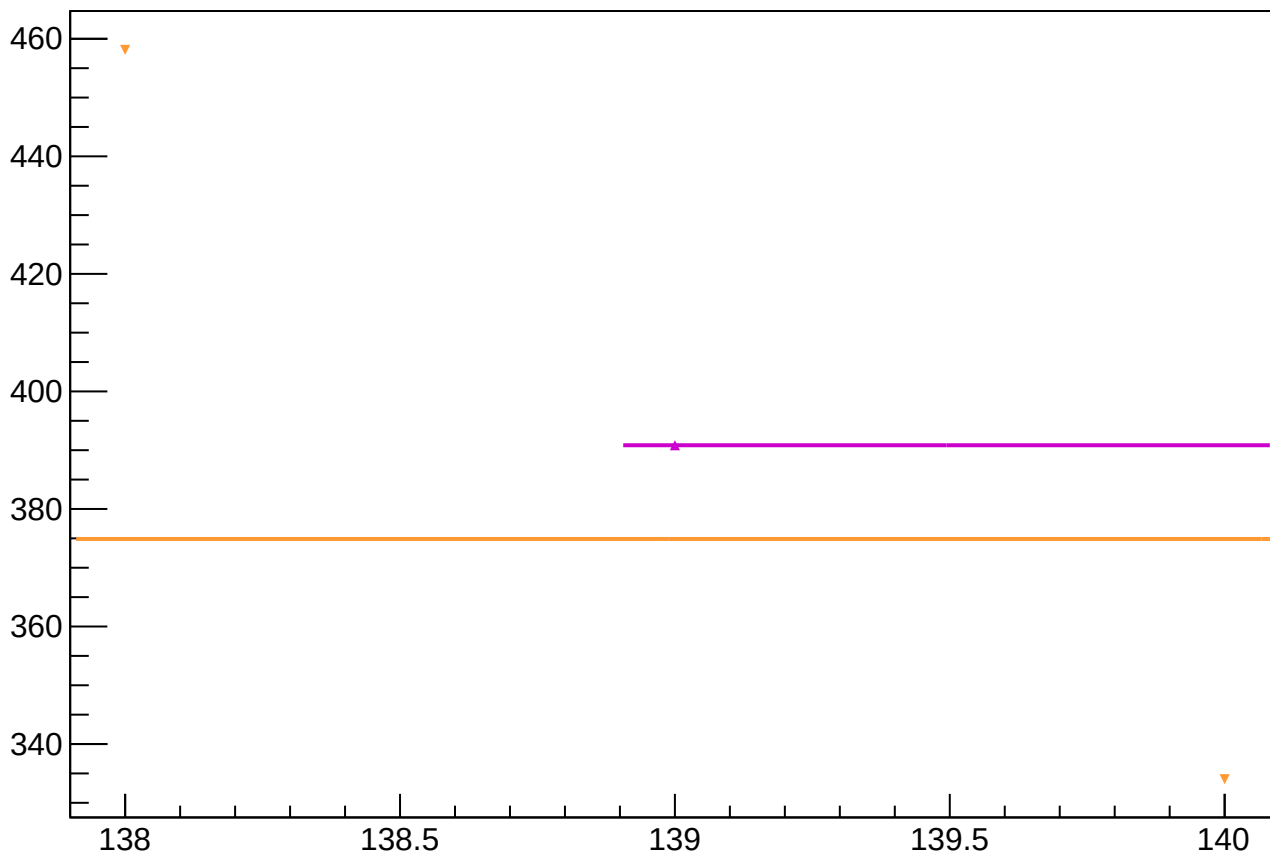
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -758.698+/-441.422 χ^2/NDF : 0.0/0

Out: 117.338+/-307.337 χ^2/NDF : 0.4/1

All: -168.678+/-252.225 χ^2/NDF : 3.1/2

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 374.895+/-0.217 χ^2/NDF : 72036.8/1

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

Left In: 390.842+/-0.312 χ^2/NDF : 0.0/0

Left: 380.101+/-0.178 χ^2/NDF : 73794.8/2

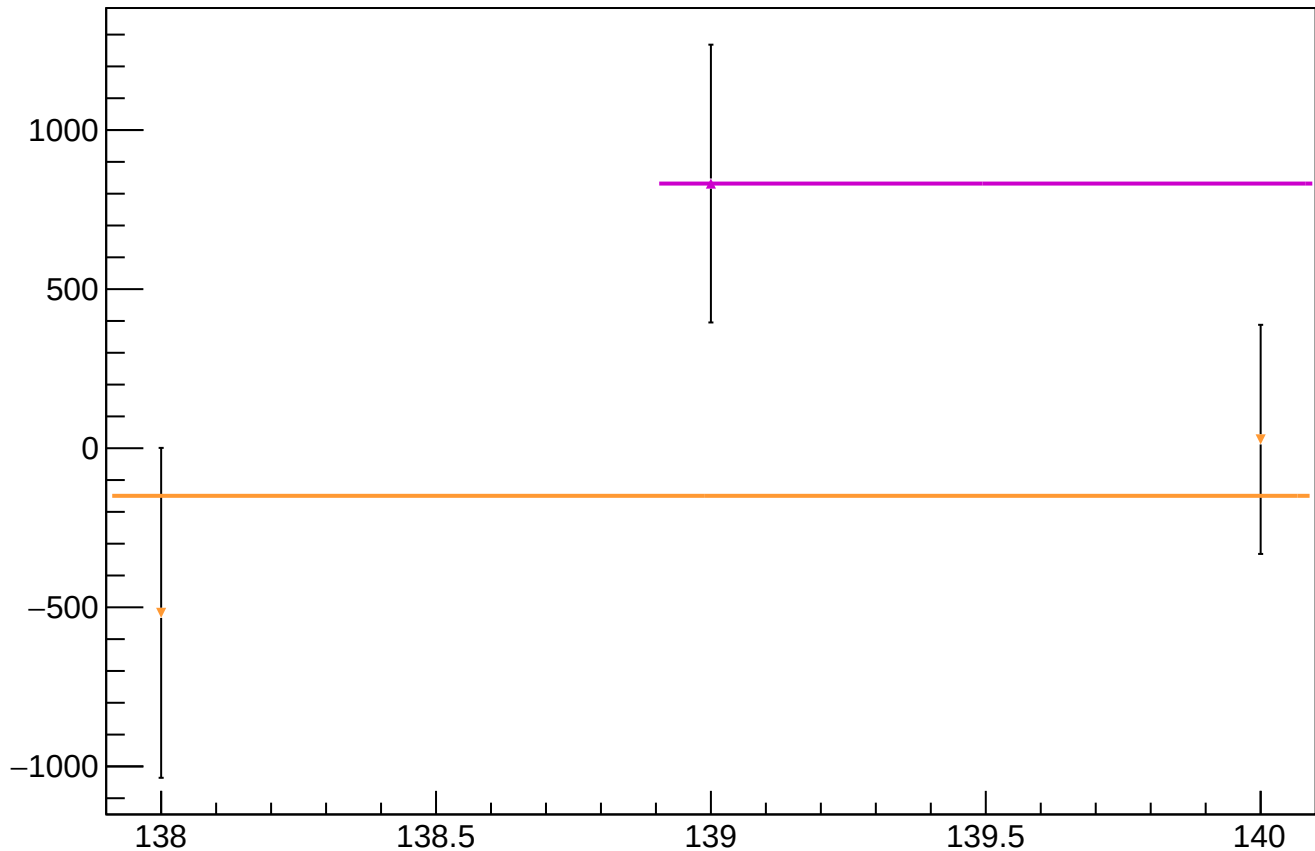
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 390.842+/-0.312 χ^2/NDF : 0.0/0

Out: 374.895+/-0.217 χ^2/NDF : 72036.8/1

All: 380.101+/-0.178 χ^2/NDF : 73794.8/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -149.584 $\pm$ 295.724 χ^2/NDF : 0.7/1

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

Left In: 831.789 $\pm$ 436.542 χ^2/NDF : 0.0/0

Left: 159.111 $\pm$ 244.835 χ^2/NDF : 4.2/2

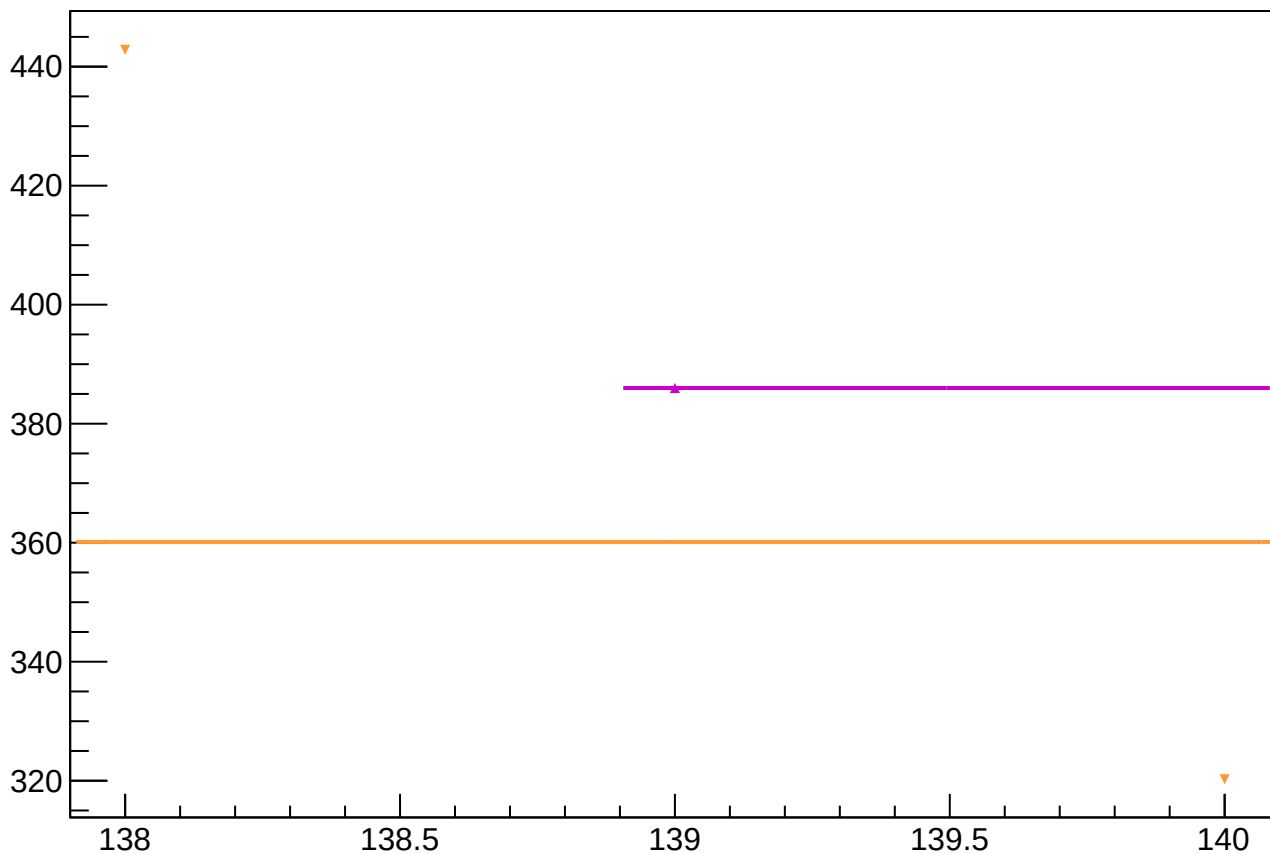
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 831.789 $\pm$ 436.542 χ^2/NDF : 0.0/0

Out: -149.584 $\pm$ 295.724 χ^2/NDF : 0.7/1

All: 159.111 $\pm$ 244.835 χ^2/NDF : 4.2/2

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

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

Left In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Left: 368.267+/-0.173 χ^2/NDF : 80244.4/2

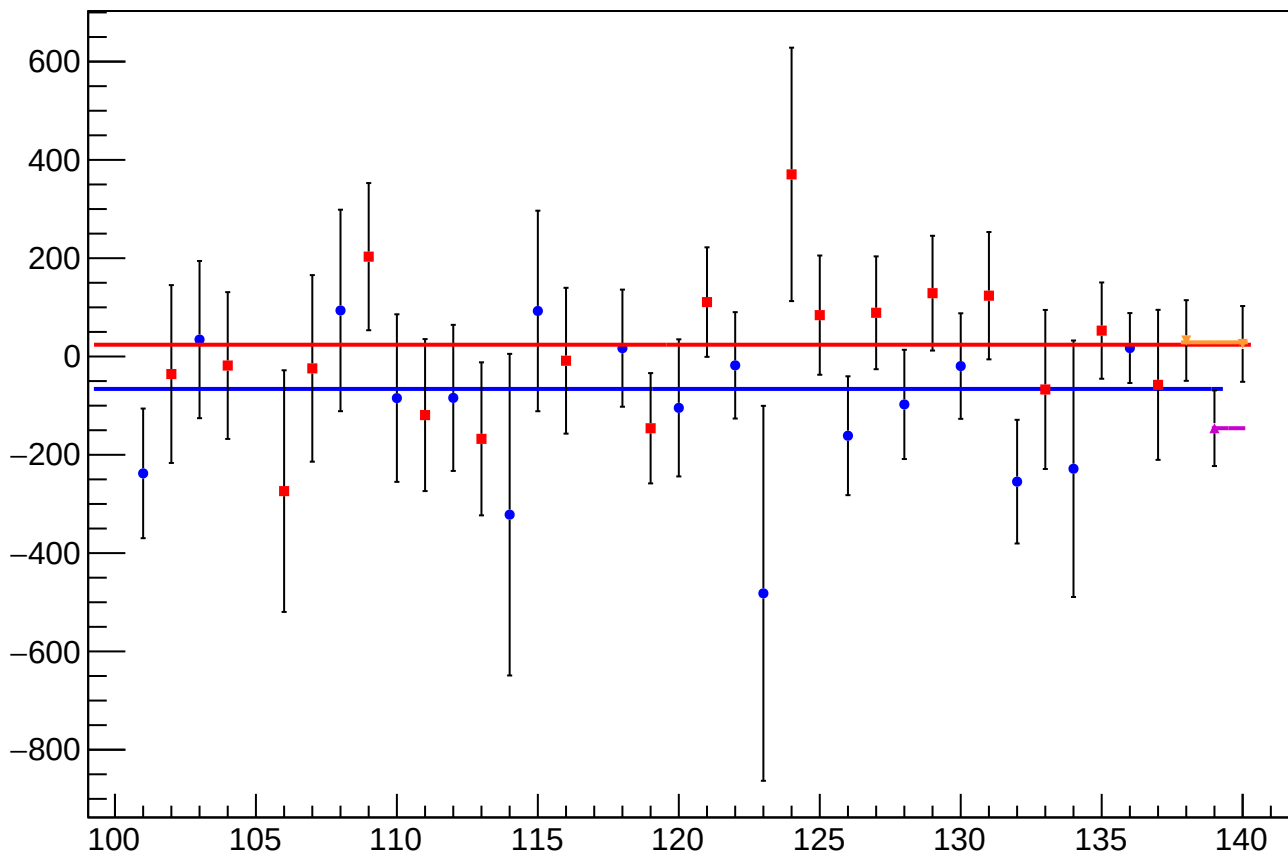
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 386.000+/-0.309 χ^2/NDF : 0.0/0

Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

All: 368.267+/-0.173 χ^2/NDF : 80244.4/2

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: 28.840 ± 56.176 χ^2/NDF : 0.0/1

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -145.881 ± 76.986 χ^2/NDF : 0.0/0

Left: -31.868 ± 45.380 χ^2/NDF : 3.4/2

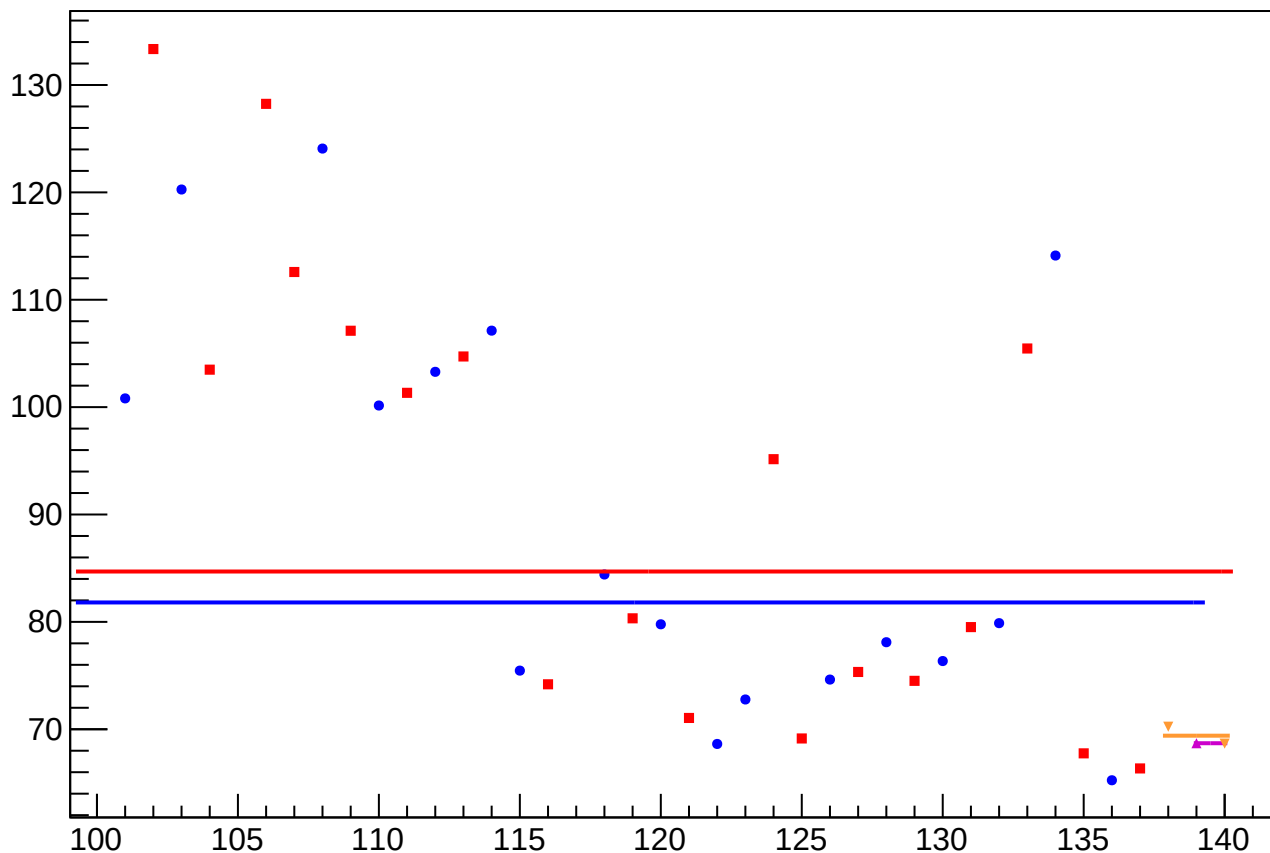
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -77.928 ± 29.776 χ^2/NDF : 11.7/17

Out: 25.215 ± 28.319 χ^2/NDF : 12.9/19

All: -23.771 ± 20.520 χ^2/NDF : 30.9/37

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 69.401 $\pm$ 0.040 χ^2 /NDF:391.6/1

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 68.699 $\pm$ 0.054 χ^2 /NDF:0.0/0

Left: 69.157 $\pm$ 0.032 χ^2 /NDF: 500.2/2

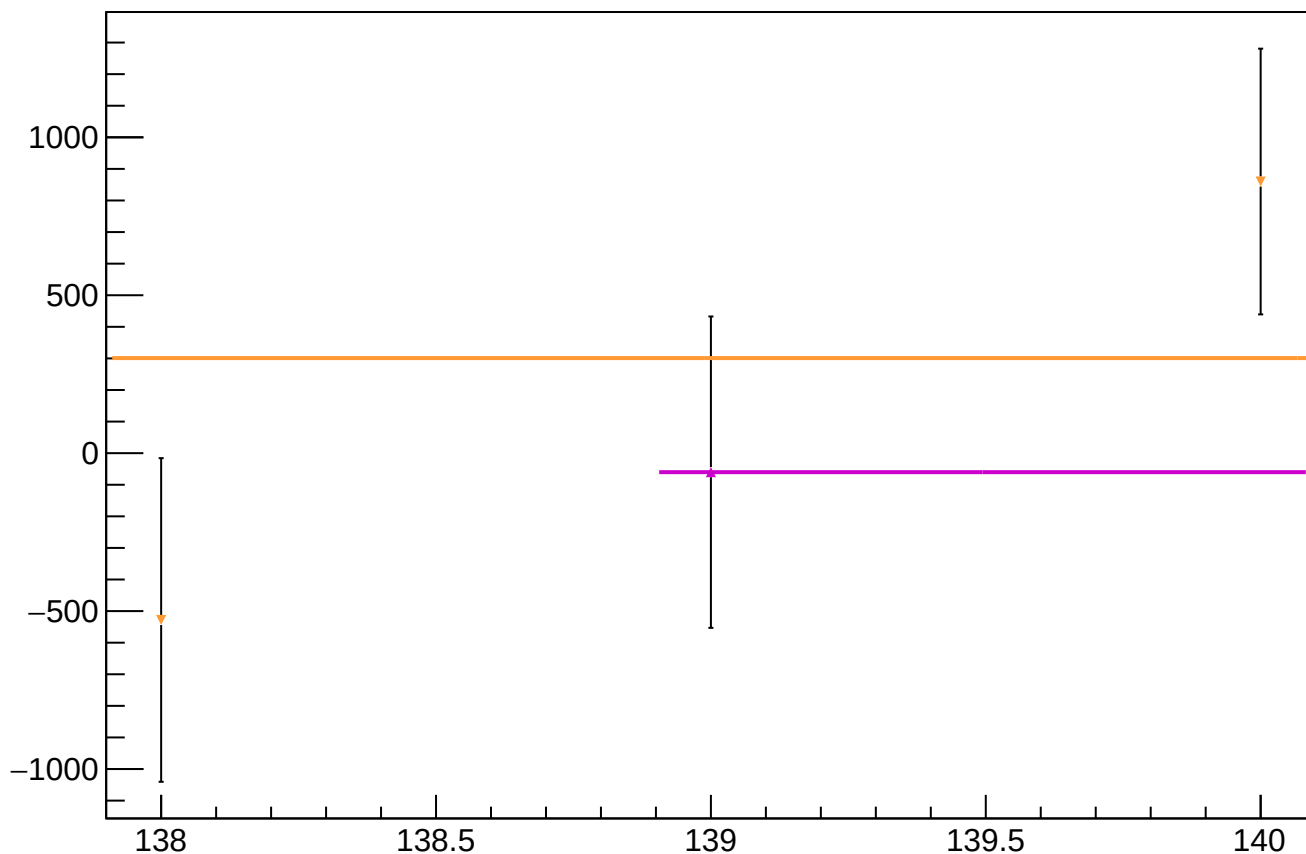
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 79.847 $\pm$ 0.021 χ^2 /NDF:556517.6/17

Out: 80.805 $\pm$ 0.020 χ^2 /NDF:726826.1/19

All: 80.350 $\pm$ 0.015 χ^2 /NDF: 1284430.6/37

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 301.066+/-325.106 χ^2/NDF : 4.4/1

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

Left In: -60.148+/-492.926 χ^2/NDF : 0.0/0

Left: 191.570+/-271.393 χ^2/NDF : 4.8/2

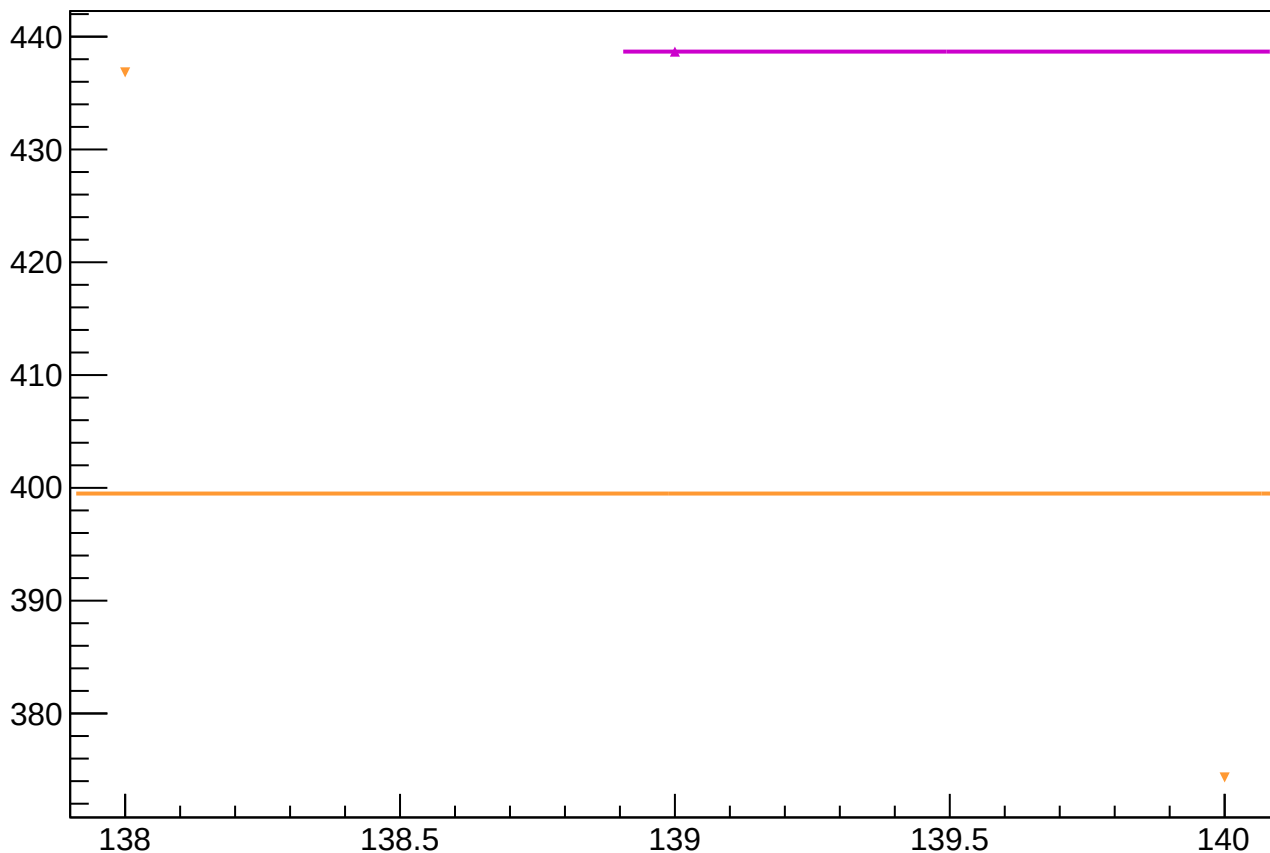
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.148+/-492.926 χ^2/NDF : 0.0/0

Out: 301.066+/-325.106 χ^2/NDF : 4.4/1

All: 191.570+/-271.393 χ^2/NDF : 4.8/2

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 399.496+/-0.230 χ^2/NDF :17781.4/1

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

Left In: 438.676+/-0.349 χ^2/NDF :0.0/0

Left: 411.373+/-0.192 χ^2/NDF : 26586.4/2

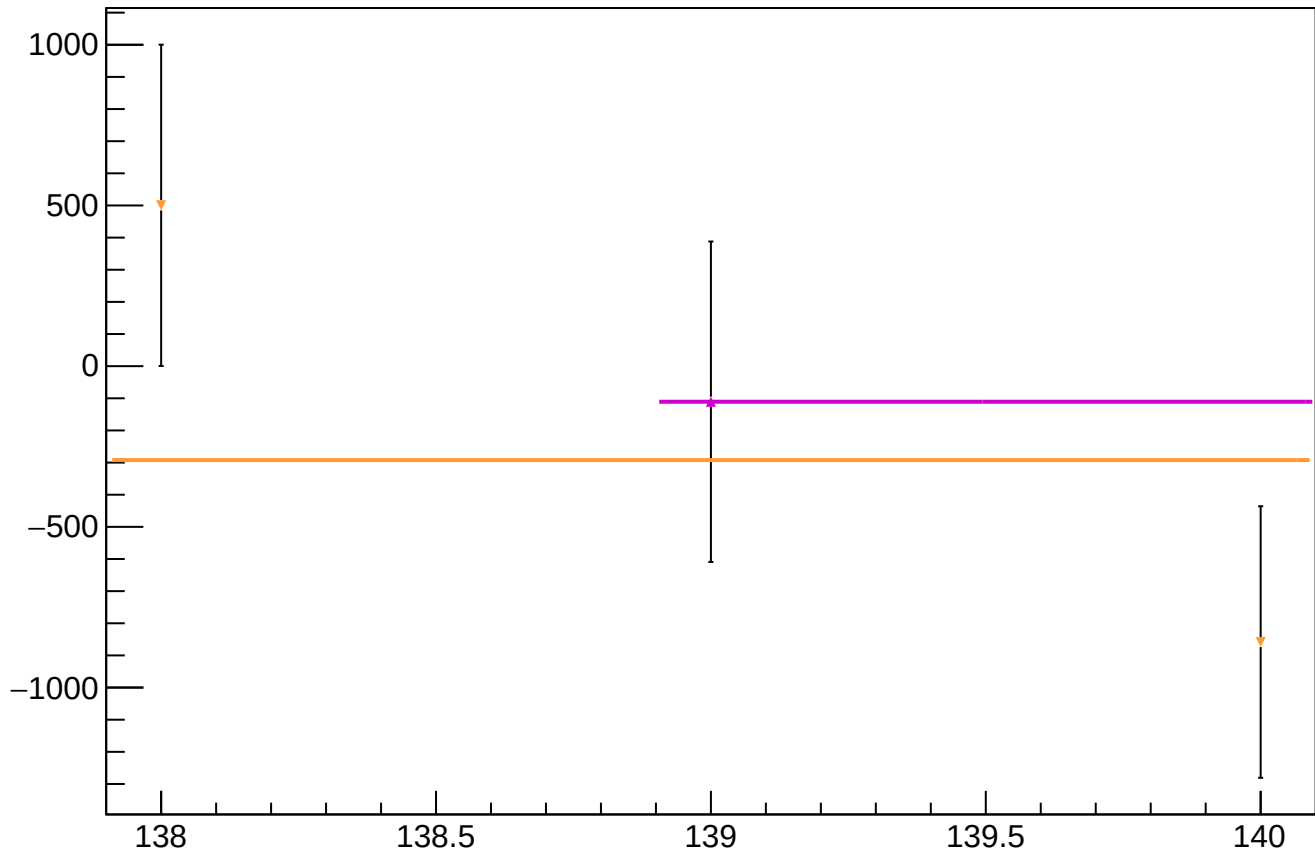
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.676+/-0.349 χ^2/NDF :0.0/0

Out: 399.496+/-0.230 χ^2/NDF :17781.4/1

All: 411.373+/-0.192 χ^2/NDF : 26586.4/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -292.206 $\pm$ 322.659 χ^2 /NDF:4.3/1

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

Left In: -110.694 $\pm$ 498.533 χ^2 /NDF:0.0/0

Left: -238.619 $\pm$ 270.875 χ^2 /NDF: 4.4/2

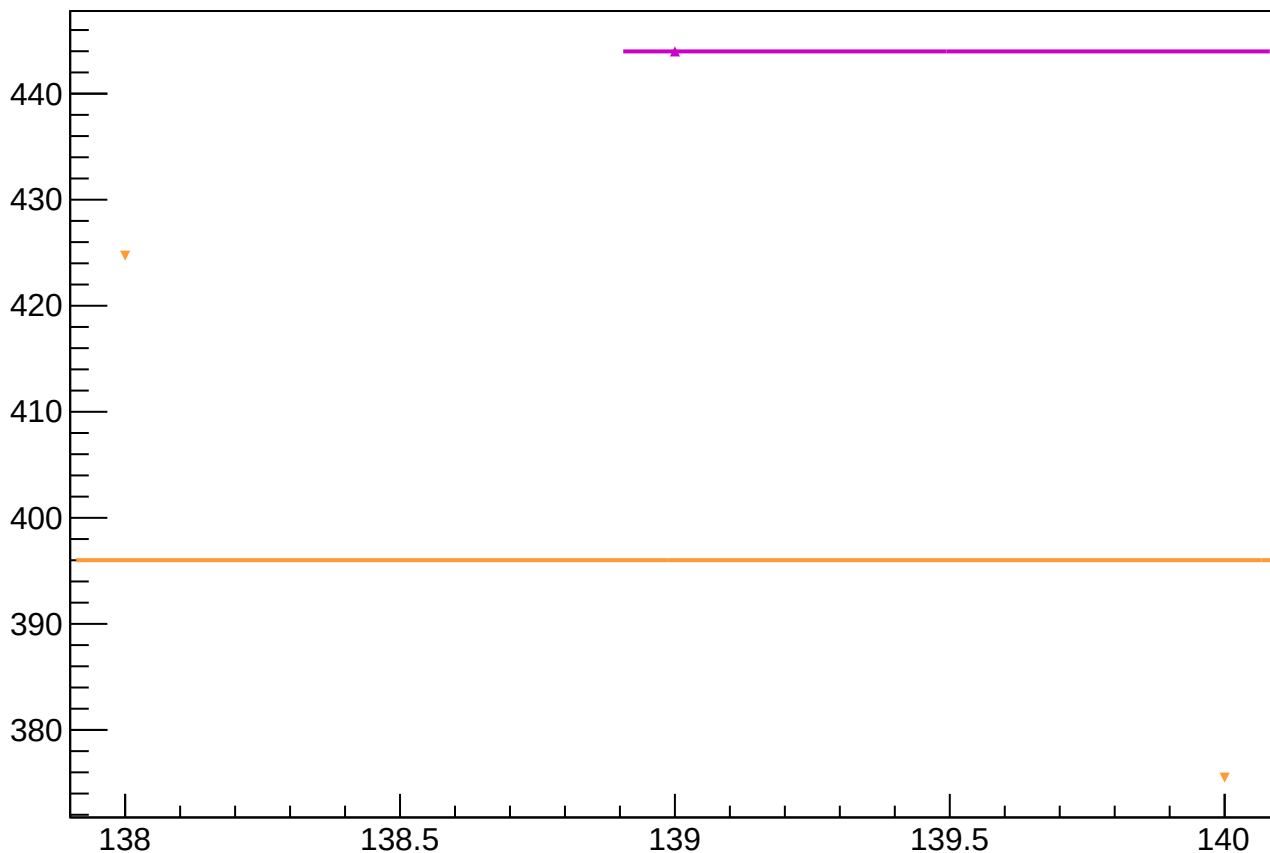
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -110.694 $\pm$ 498.533 χ^2 /NDF:0.0/0

Out: -292.206 $\pm$ 322.659 χ^2 /NDF:4.3/1

All: -238.619 $\pm$ 270.875 χ^2 /NDF: 4.4/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

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

Left In: 443.983+/-0.353 χ^2/NDF :0.0/0

Left: 410.172+/-0.192 χ^2/NDF : 24364.1/2

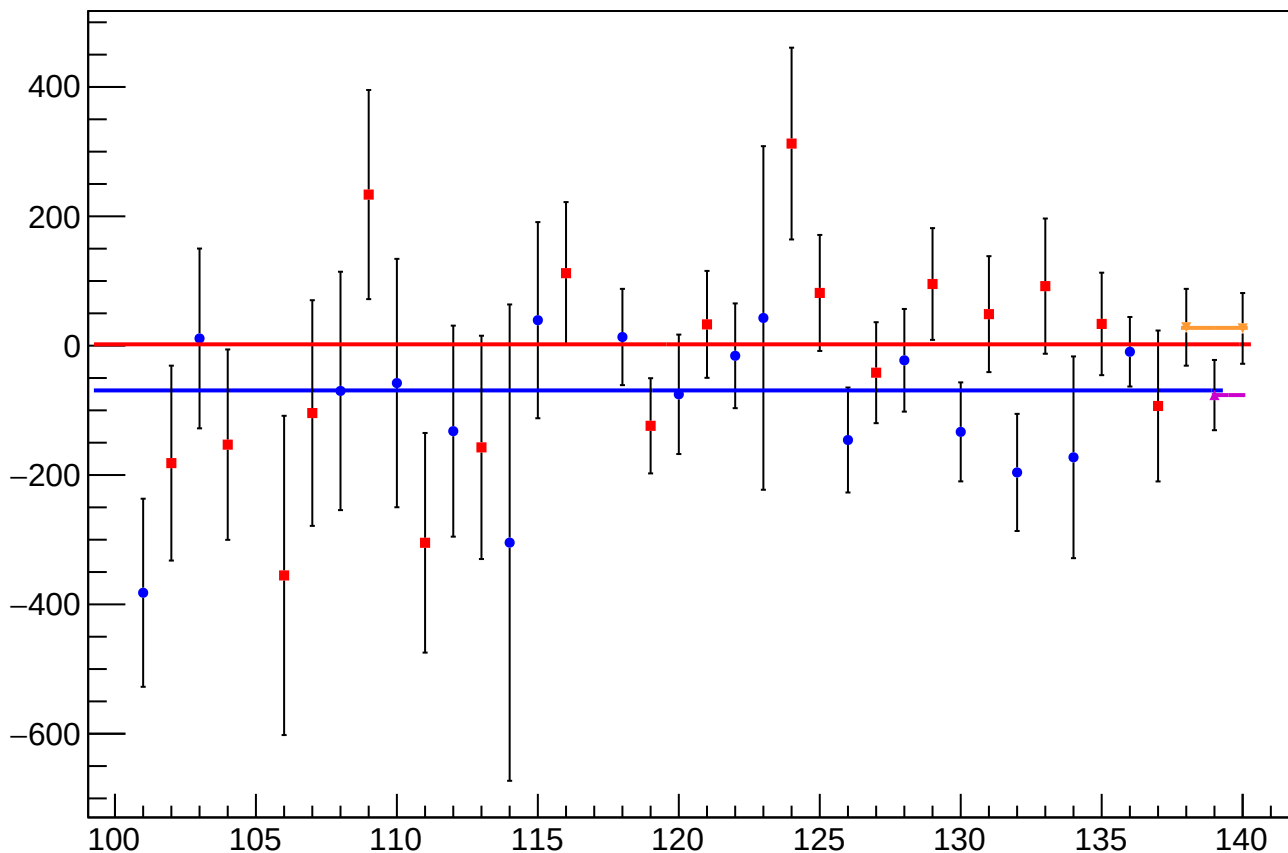
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.983+/-0.353 χ^2/NDF :0.0/0

Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

All: 410.172+/-0.192 χ^2/NDF : 24364.1/2

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 27.508 ± 40.231 χ^2/NDF : 0.0/1

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -76.395 ± 54.310 χ^2/NDF : 0.0/0

Left: -9.306 ± 32.327 χ^2/NDF : 2.4/2

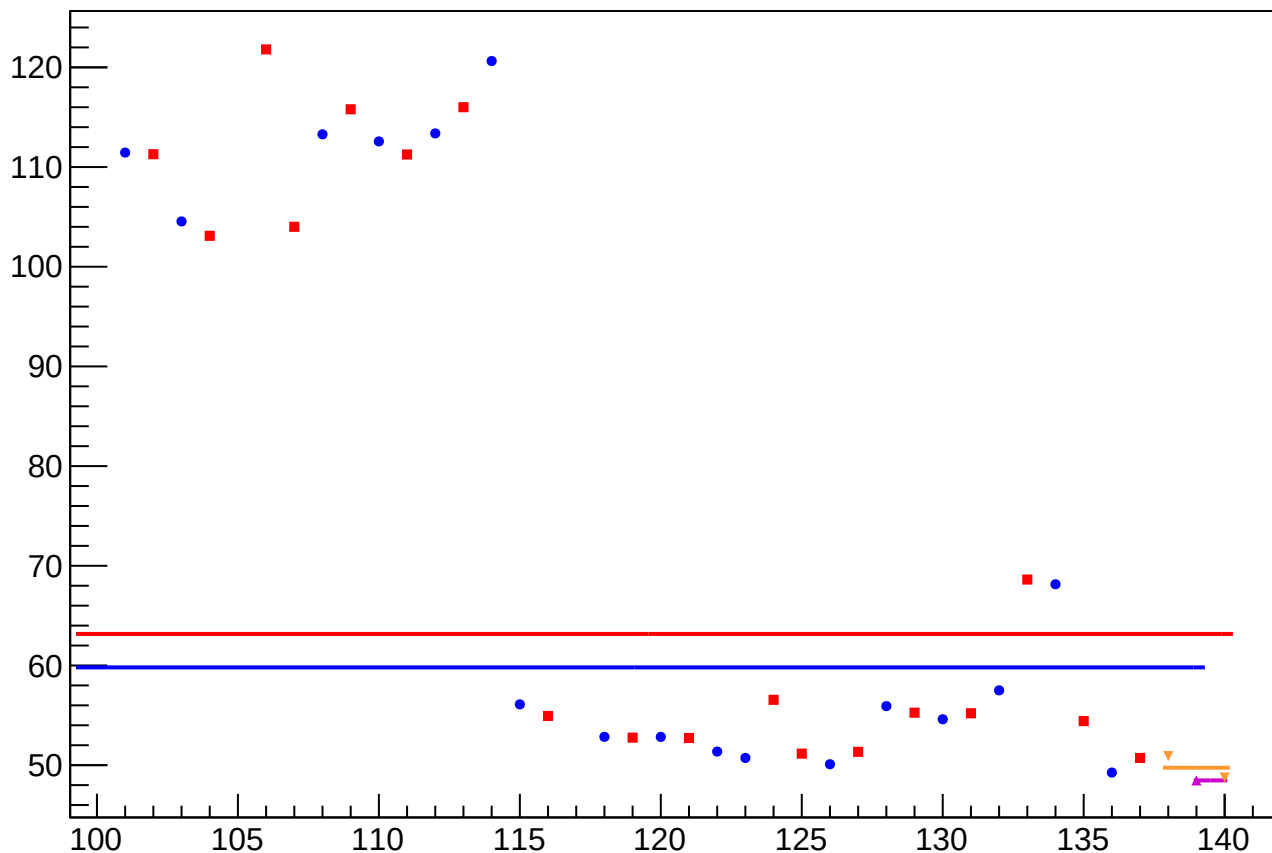
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -70.387 ± 22.151 χ^2/NDF : 13.5/17

Out: 9.241 ± 21.348 χ^2/NDF : 24.1/19

All: -29.105 ± 15.371 χ^2/NDF : 44.3/37

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 49.745+/-0.028 χ^2/NDF :1421.1/1

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 48.470+/-0.038 χ^2/NDF :0.0/0

Left: 49.293+/-0.023 χ^2/NDF : 2131.9/2

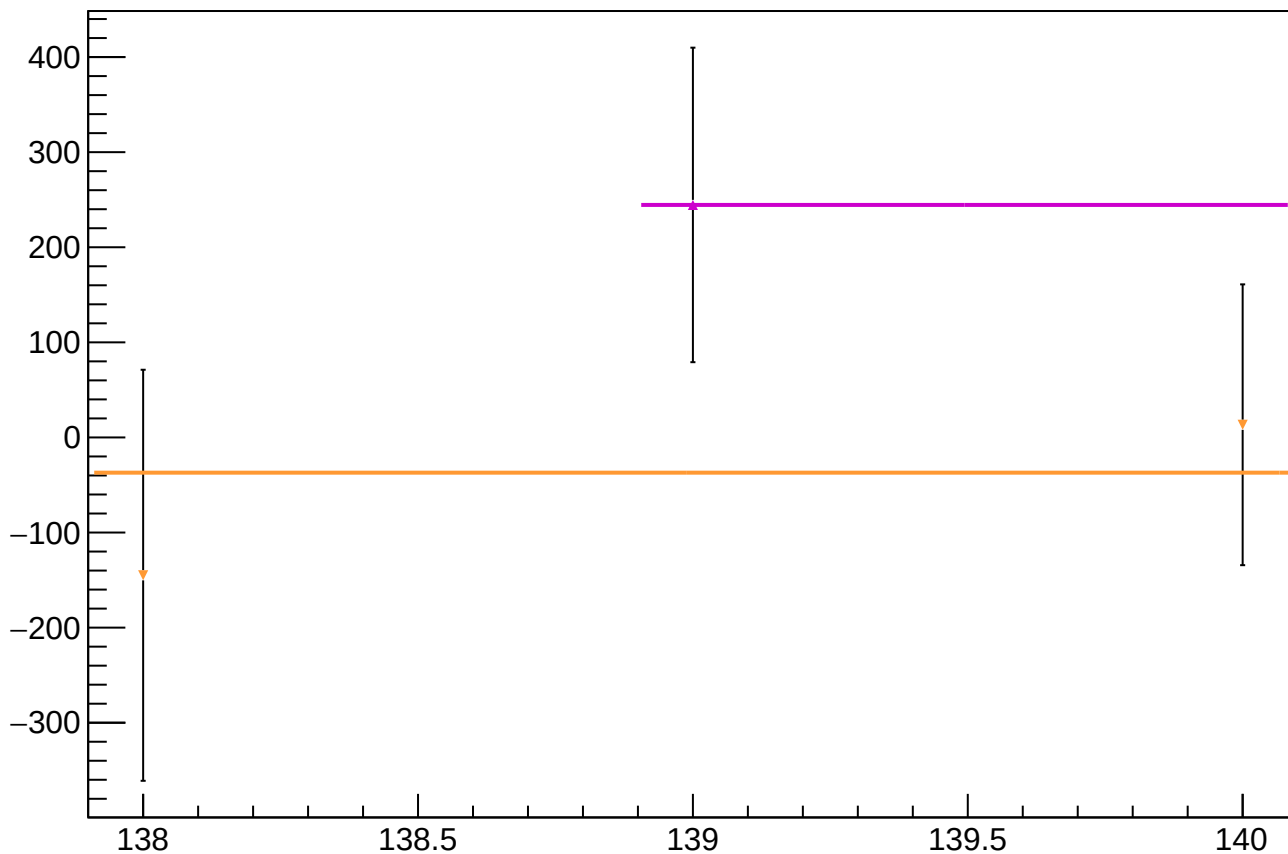
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 57.923+/-0.016 χ^2/NDF :1302654.3/17

Out: 59.386+/-0.015 χ^2/NDF :1548630.6/19

All: 58.682+/-0.011 χ^2/NDF : 2855813.1/37

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -37.040+/-121.918 χ^2/NDF : 0.4/1

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

Left In: 244.509+/-165.373 χ^2/NDF : 0.0/0

Left: 62.101+/-98.133 χ^2/NDF : 2.2/2

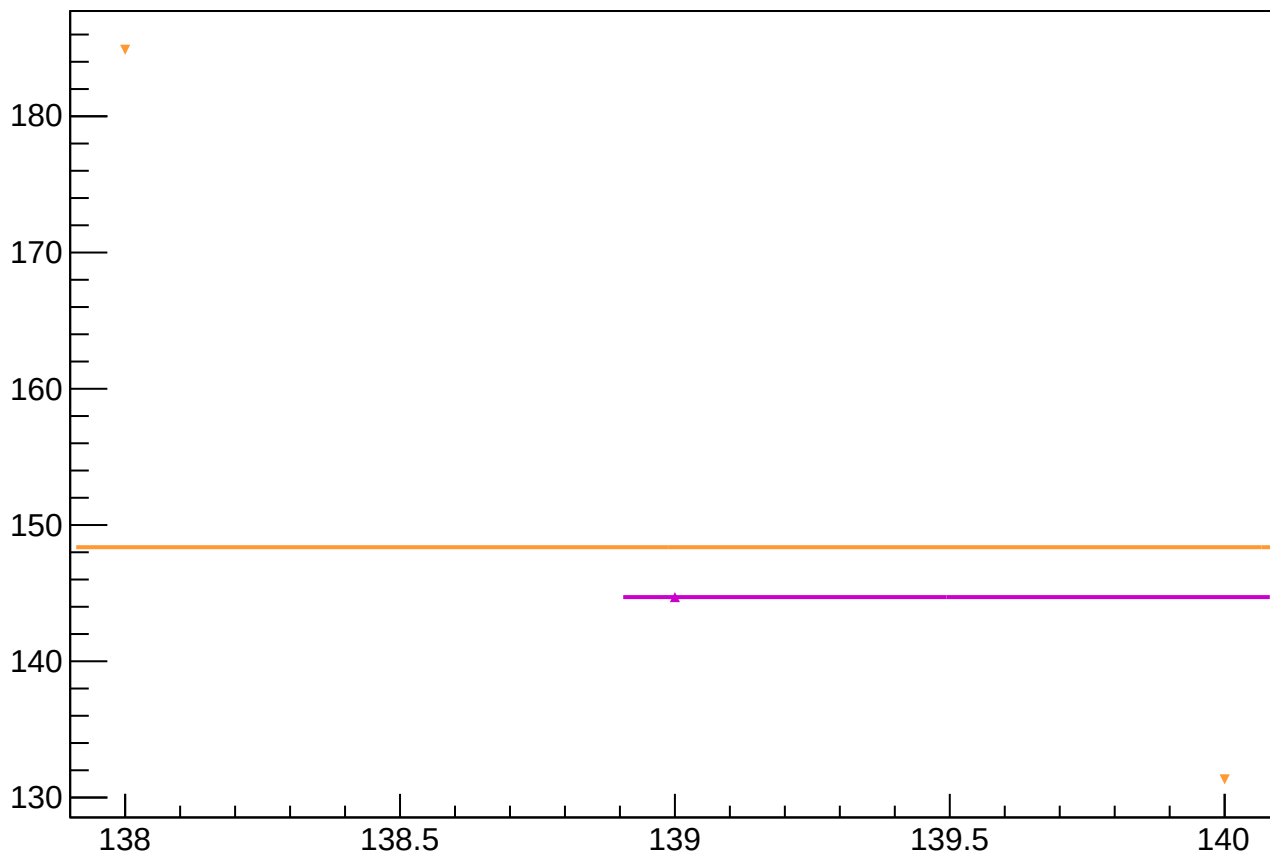
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.509+/-165.373 χ^2/NDF : 0.0/0

Out: -37.040+/-121.918 χ^2/NDF : 0.4/1

All: 62.101+/-98.133 χ^2/NDF : 2.2/2

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 148.373+/-0.086 χ^2/NDF : 83715.8/1

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

Left In: 144.710+/-0.117 χ^2/NDF : 0.0/0

Left: 147.083+/-0.069 χ^2/NDF : 84351.3/2

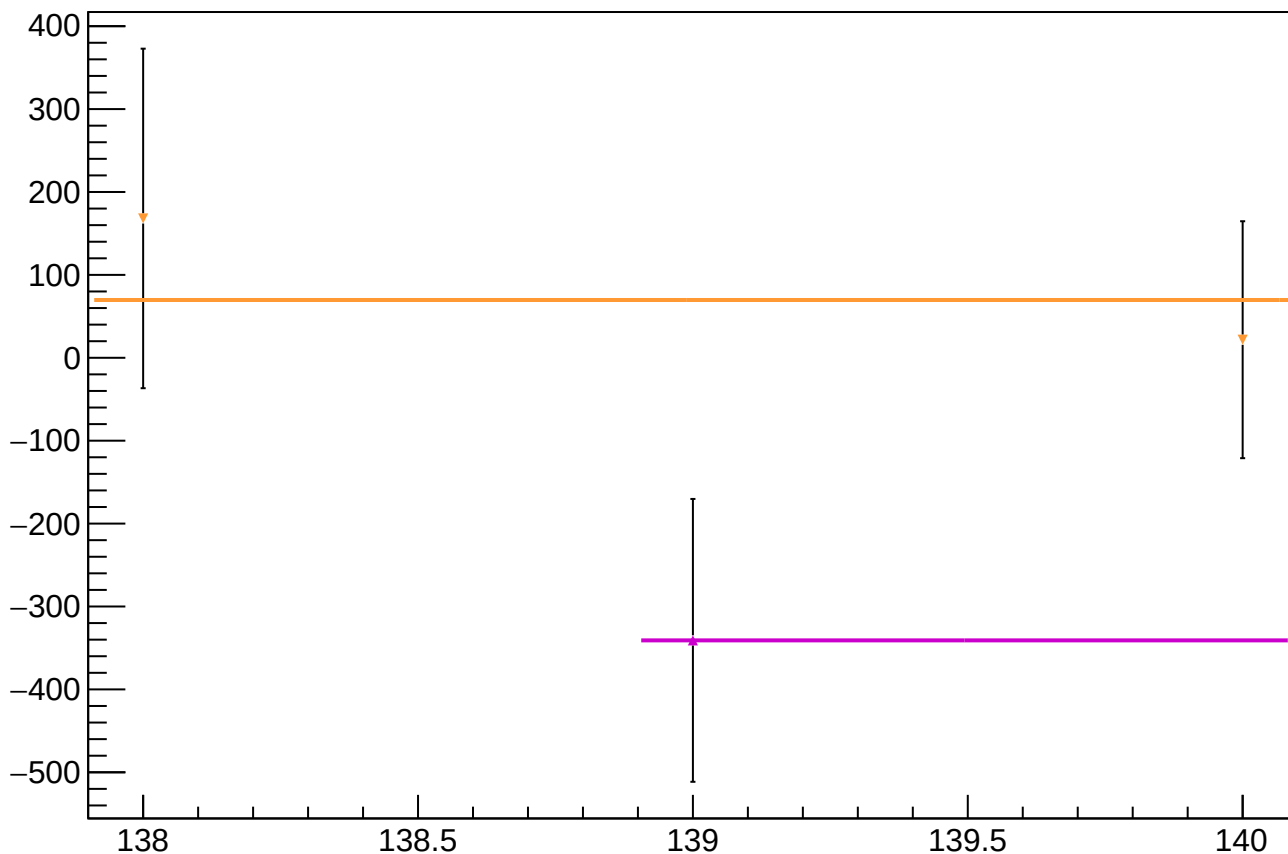
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.710+/-0.117 χ^2/NDF : 0.0/0

Out: 148.373+/-0.086 χ^2/NDF : 83715.8/1

All: 147.083+/-0.069 χ^2/NDF : 84351.3/2

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 69.710+/-117.188 χ^2/NDF : 0.3/1

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

Left In: -340.872+/-170.591 χ^2/NDF : 0.0/0

Left: -61.925+/-96.592 χ^2/NDF : 4.3/2

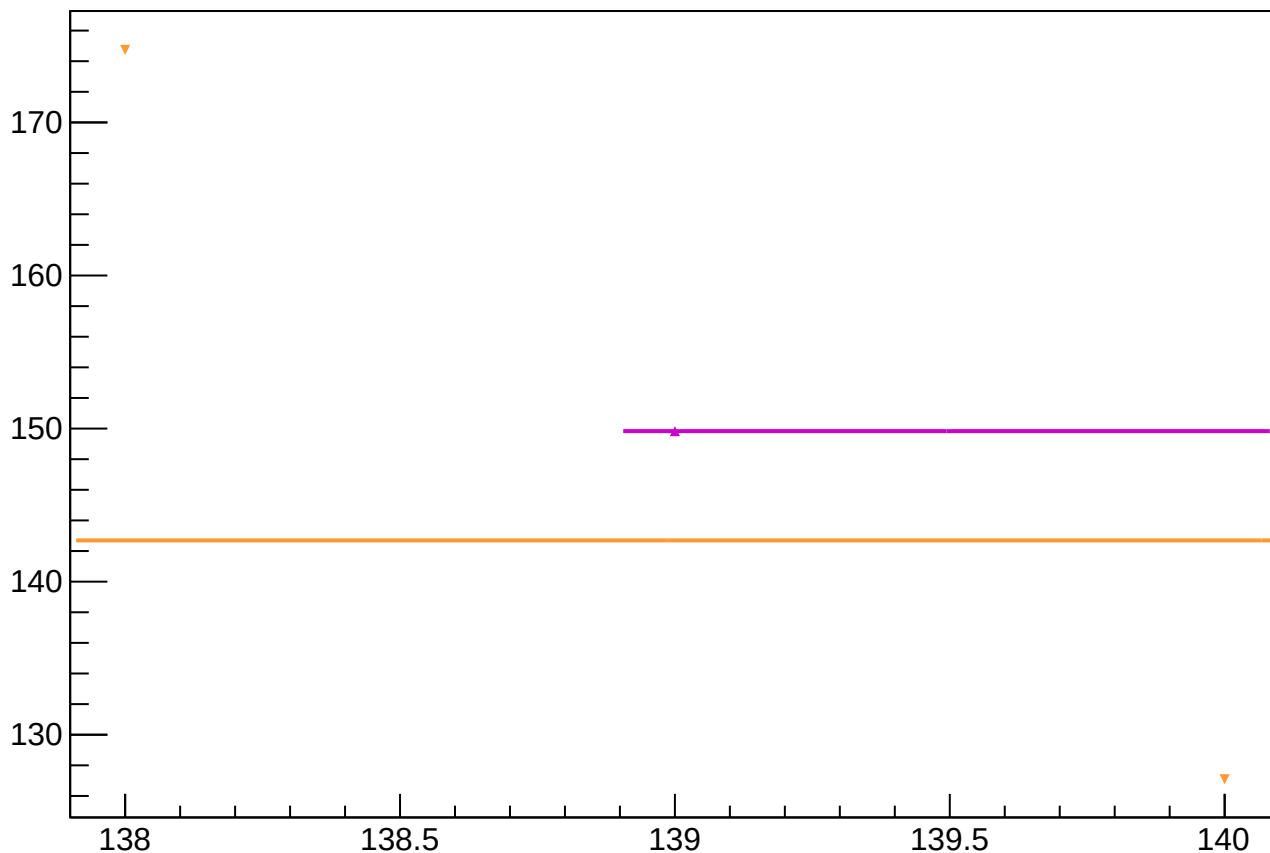
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -340.872+/-170.591 χ^2/NDF : 0.0/0

Out: 69.710+/-117.188 χ^2/NDF : 0.3/1

All: -61.925+/-96.592 χ^2/NDF : 4.3/2

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

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

Left In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Left: 144.983+/-0.068 χ^2/NDF : 75197.1/2

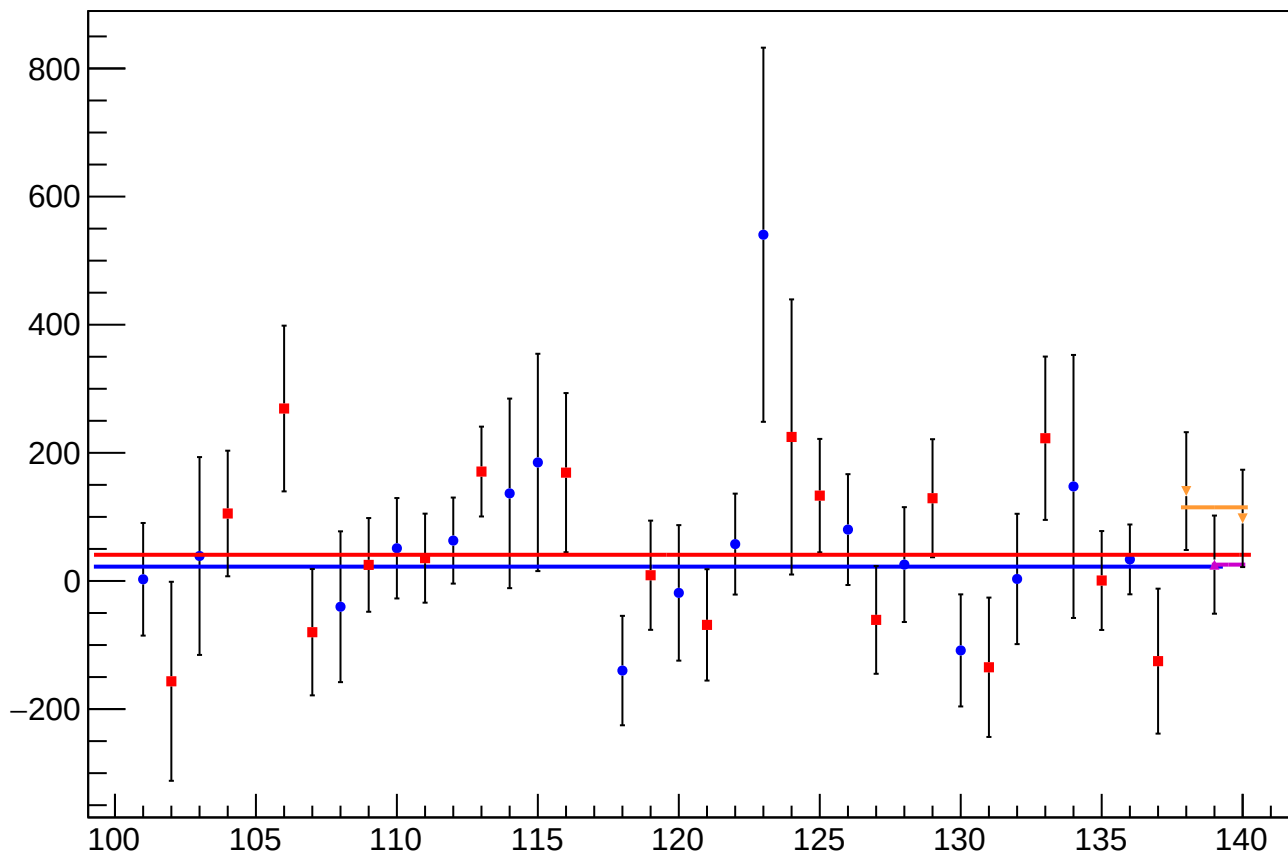
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.833+/-0.121 χ^2/NDF : 0.0/0

Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

All: 144.983+/-0.068 χ^2/NDF : 75197.1/2

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 114.948 $\pm$ 58.571 χ^2 /NDF:0.1/1

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 25.497 $\pm$ 76.599 χ^2 /NDF:0.0/0

Left: 81.945 $\pm$ 46.528 χ^2 /NDF: 1.0/2

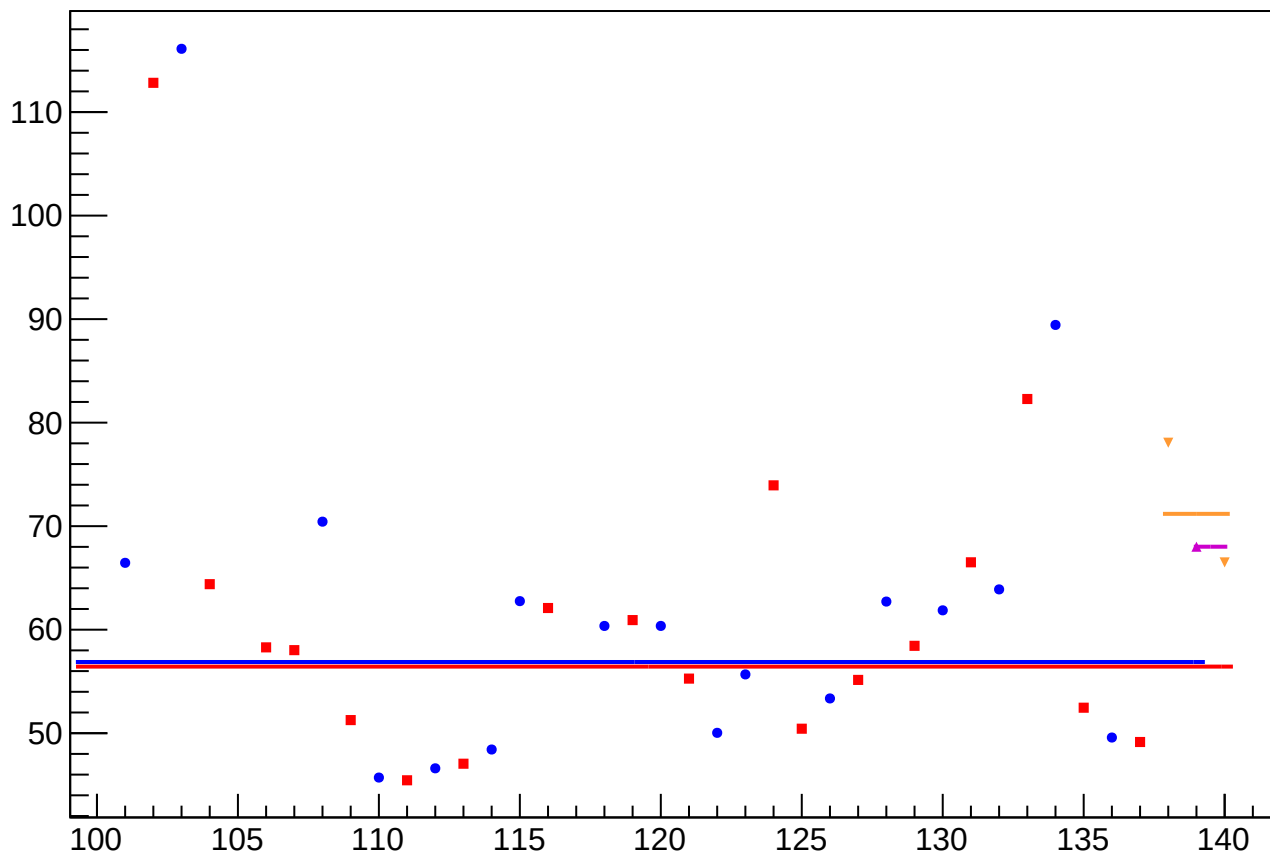
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 22.613 $\pm$ 21.698 χ^2 /NDF:12.6/17

Out: 50.126 $\pm$ 20.707 χ^2 /NDF:25.7/19

All: 37.012 $\pm$ 14.980 χ^2 /NDF: 39.2/37

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 71.189 $\pm$ 0.041 χ^2 /NDF:18791.4/1

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 68.016 $\pm$ 0.054 χ^2 /NDF:0.0/0

Left: 70.018 $\pm$ 0.033 χ^2 /NDF: 20957.4/2

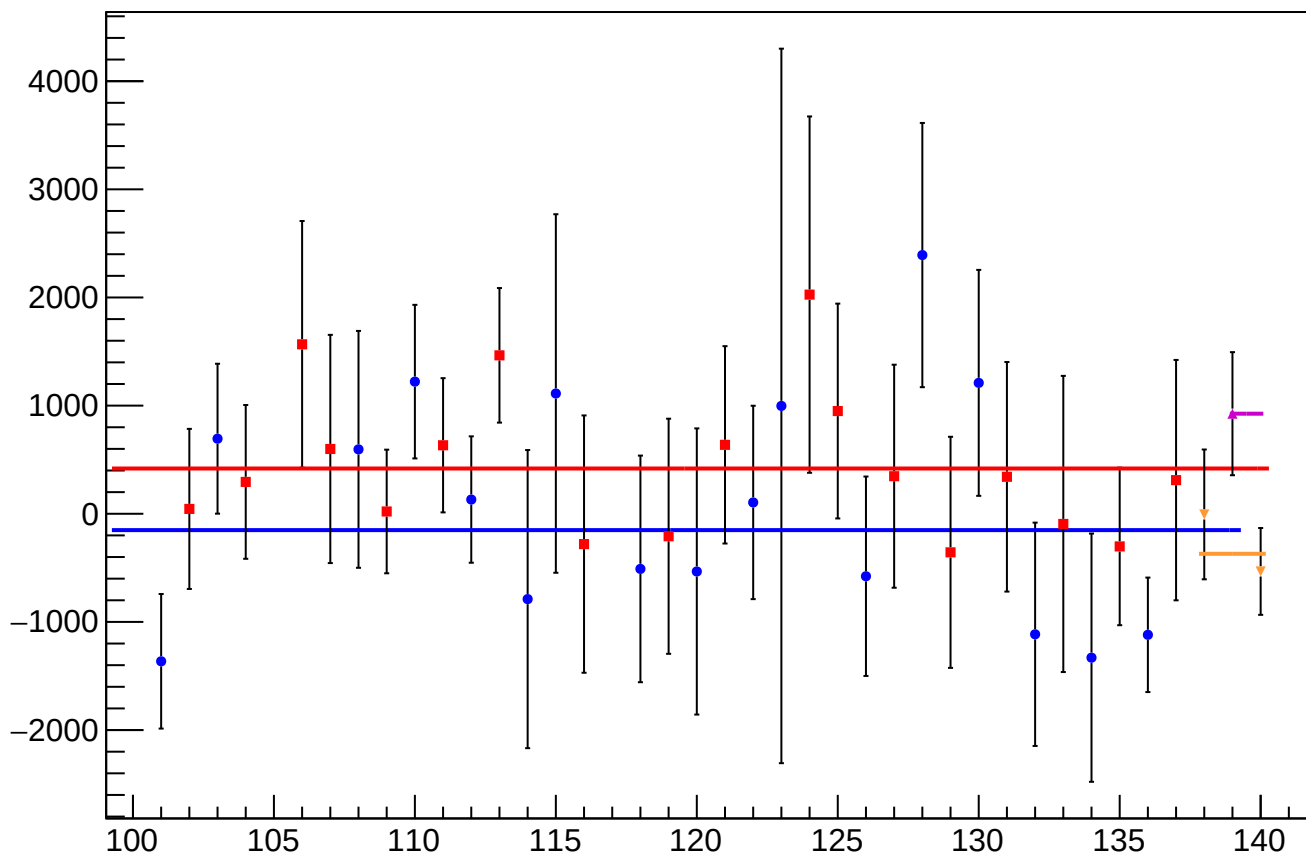
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.772 $\pm$ 0.015 χ^2 /NDF:614374.4/17

Out: 58.278 $\pm$ 0.015 χ^2 /NDF:650312.9/19

All: 58.037 $\pm$ 0.011 χ^2 /NDF: 1265256.2/37

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -370.152+/-333.669 χ^2/NDF : 0.5/1

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 925.383+/-569.111 χ^2/NDF : 0.0/0

Left: -38.739+/-287.844 χ^2/NDF : 4.4/2

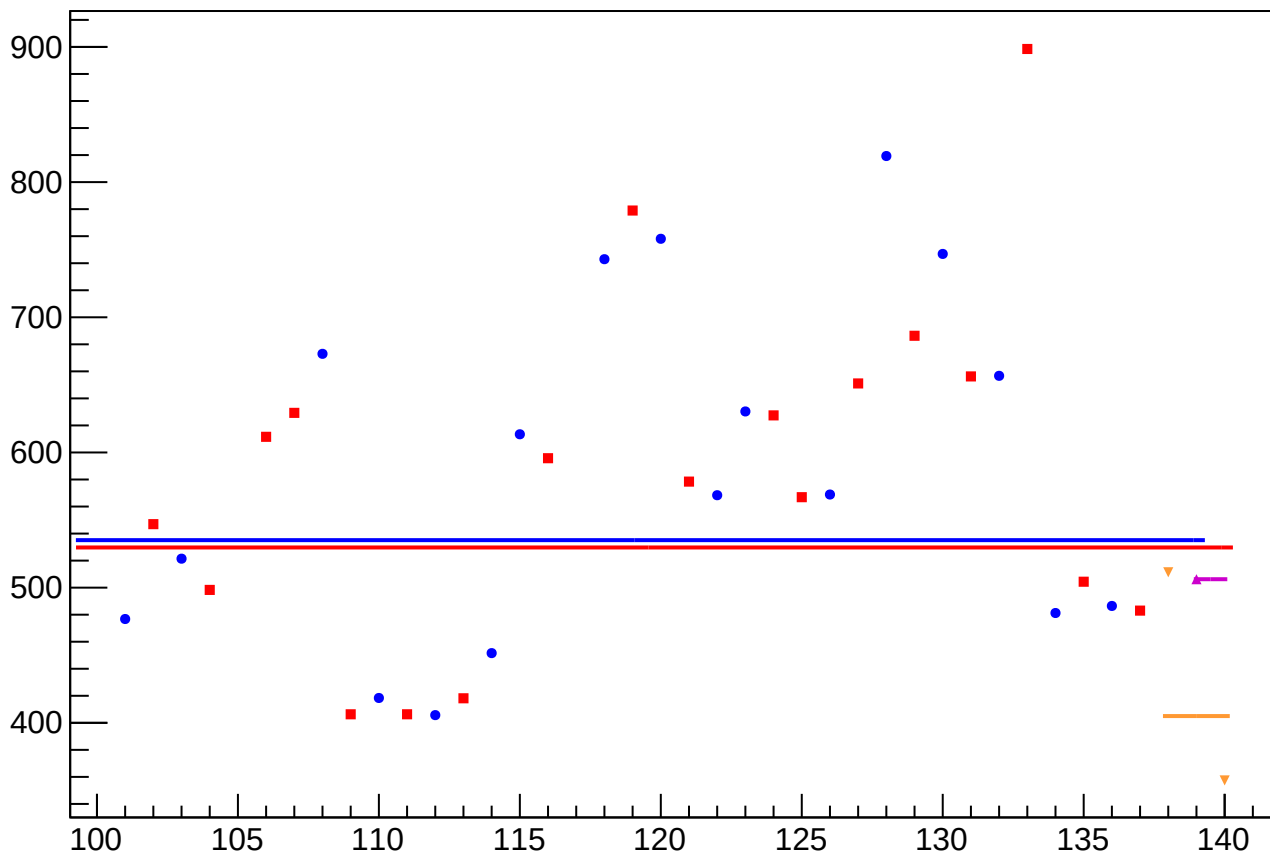
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: -19.521+/-199.032 χ^2/NDF : 25.6/17

Out: 202.332+/-174.706 χ^2/NDF : 13.0/19

All: 105.785+/-131.299 χ^2/NDF : 39.3/37

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 404.999+/-0.236 χ^2/NDF : 90955.2/1

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 506.242+/-0.402 χ^2/NDF : 0.0/0

Left: 430.898+/-0.204 χ^2/NDF : 138058.5/2

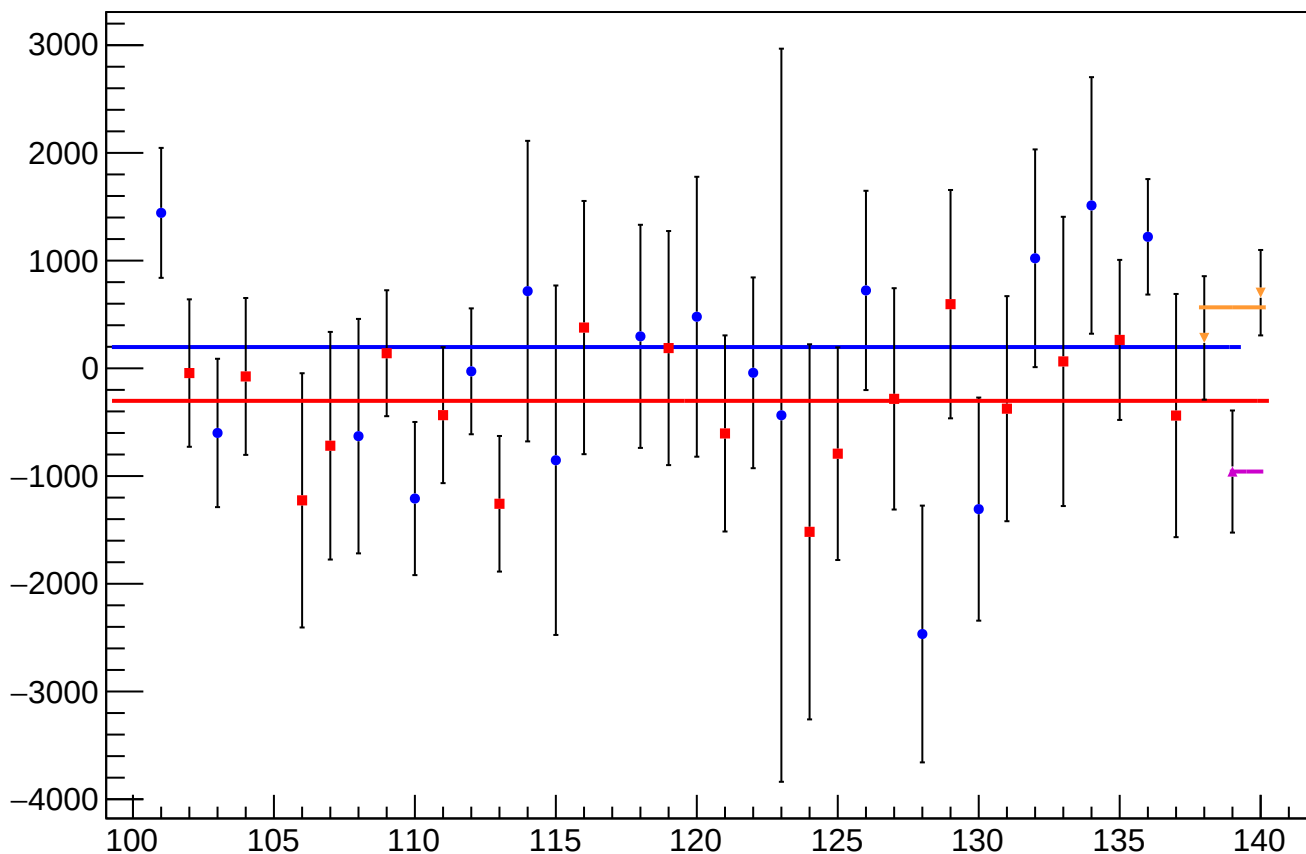
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 531.603+/-0.141 χ^2/NDF : 600609.9/17

Out: 495.528+/-0.124 χ^2/NDF : 940506.5/19

All: 511.227+/-0.093 χ^2/NDF : 1578228.3/37

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 566.339+/-326.084 χ^2/NDF : 0.4/1

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: -958.151+/-566.794 χ^2/NDF : 0.0/0

Left: 187.233+/-282.646 χ^2/NDF : 5.8/2

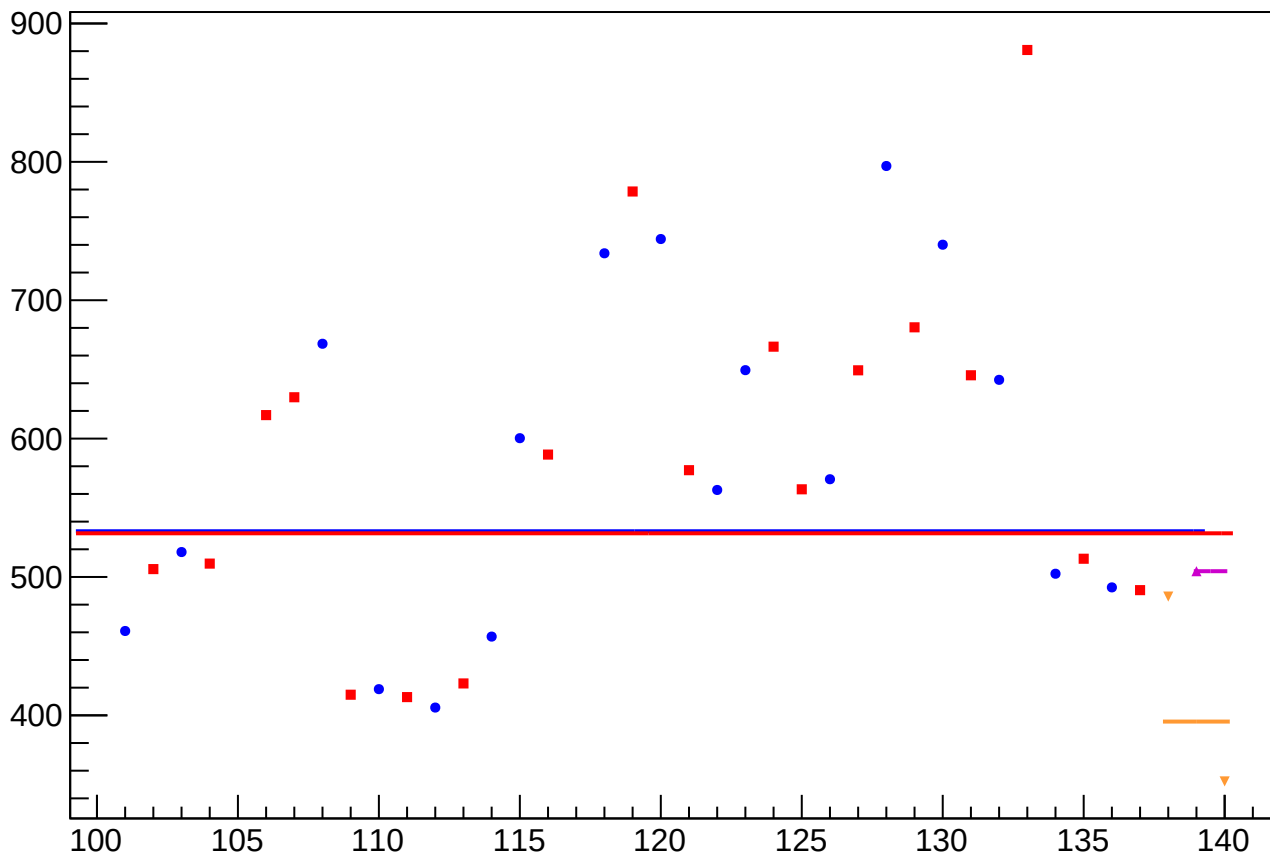
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: 56.330+/-198.137 χ^2/NDF : 27.6/17

Out: -54.718+/-173.977 χ^2/NDF : 12.1/19

All: -6.374+/-130.732 χ^2/NDF : 39.9/37

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 395.495+/-0.231 χ^2/NDF : 73472.1/1

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 504.168+/-0.401 χ^2/NDF : 0.0/0

Left: 422.520+/-0.200 χ^2/NDF : 128711.2/2

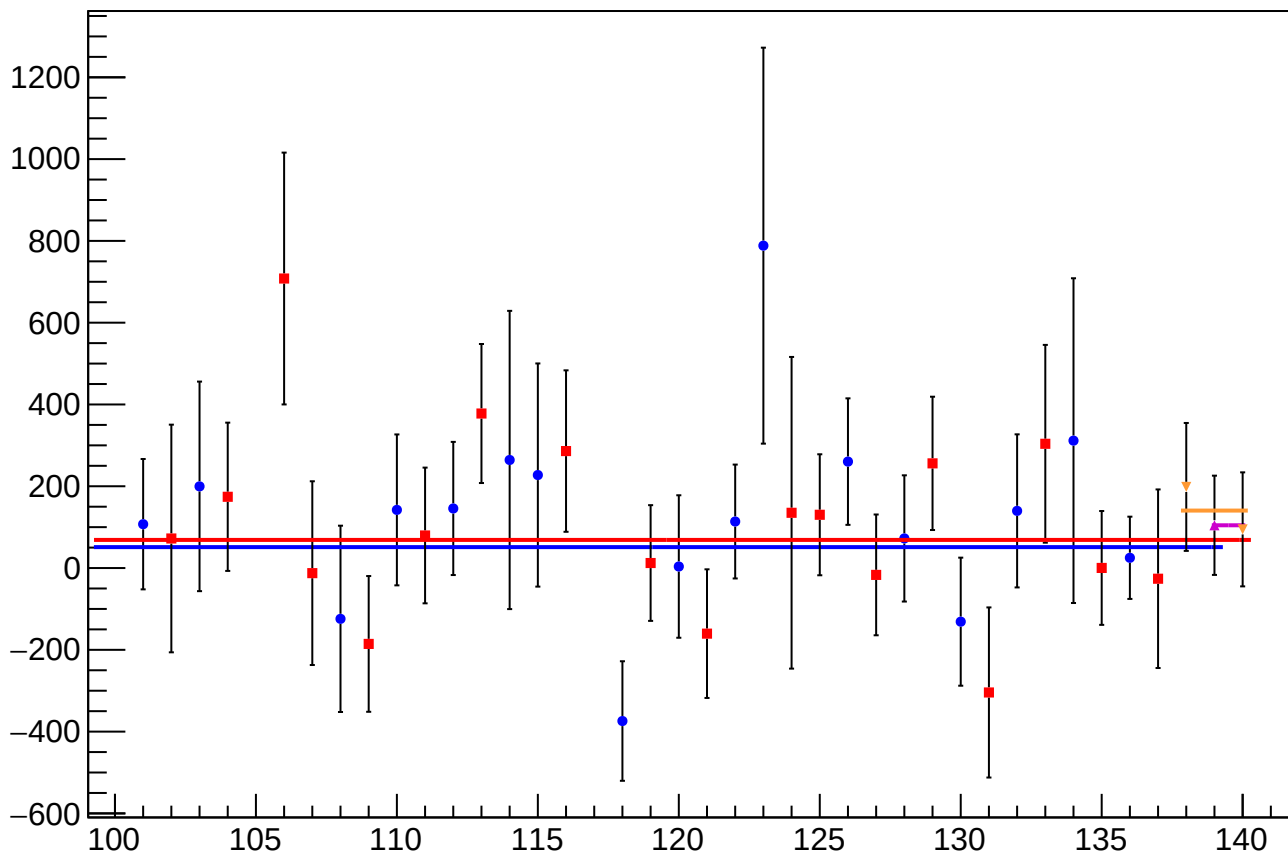
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 529.504+/-0.140 χ^2/NDF : 571403.7/17

Out: 492.828+/-0.123 χ^2/NDF : 920490.5/19

All: 508.794+/-0.092 χ^2/NDF : 1530589.4/37

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 140.533+/-104.073 χ^2/NDF : 0.2/1

Right Out: 68.779+/-42.803 χ^2/NDF : 20.4/17

Left In: 104.560+/-121.362 χ^2/NDF : 0.0/0

Left: 125.289+/-79.003 χ^2/NDF : 0.3/2

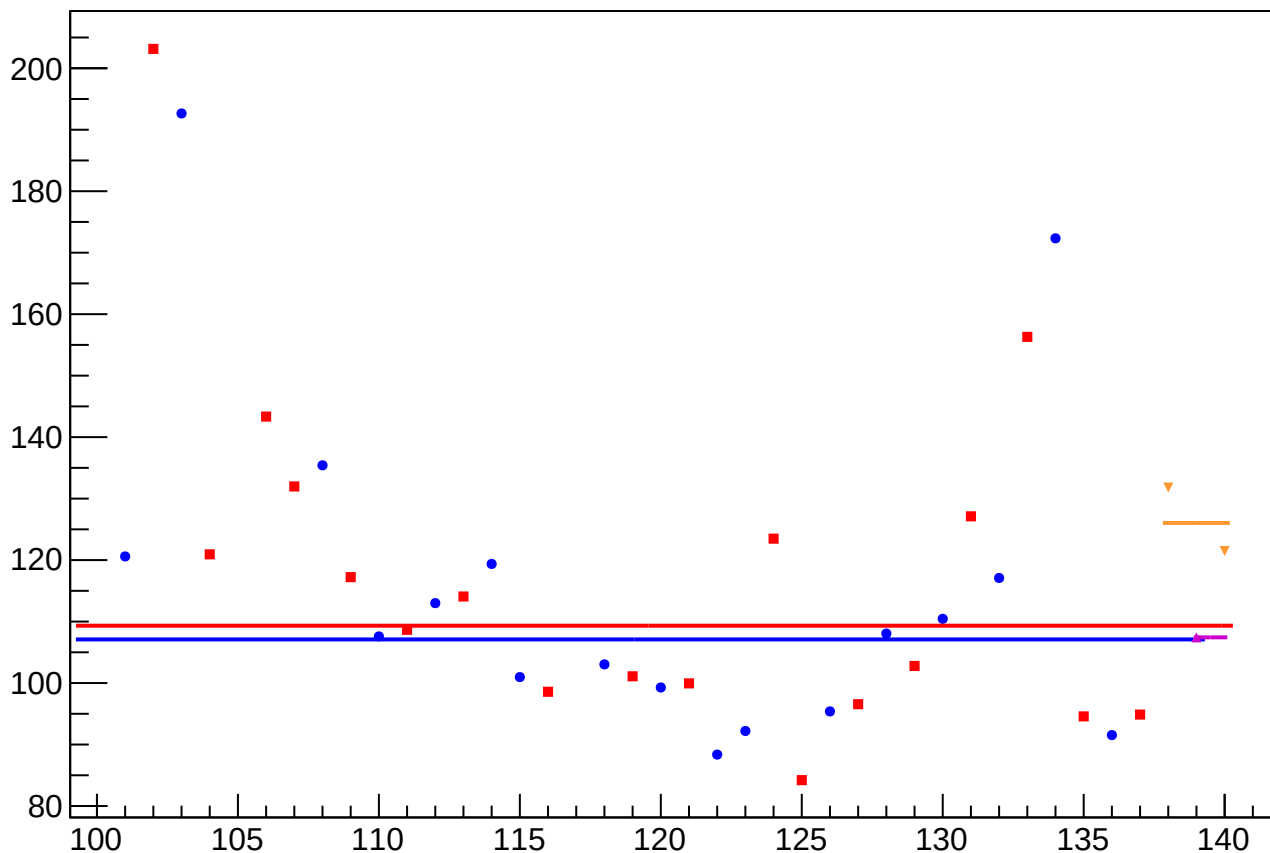
Right: 59.892+/-30.129 χ^2/NDF : 37.8/34

In: 56.978+/-40.041 χ^2/NDF : 17.5/17

Out: 79.160+/-39.586 χ^2/NDF : 21.0/19

All: 68.196+/-28.151 χ^2/NDF : 38.7/37

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 126.041 $\pm$ 0.074 χ^2 /NDF: 4856.4/1

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 107.434 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left: 118.156 $\pm$ 0.056 χ^2 /NDF: 31948.6/2

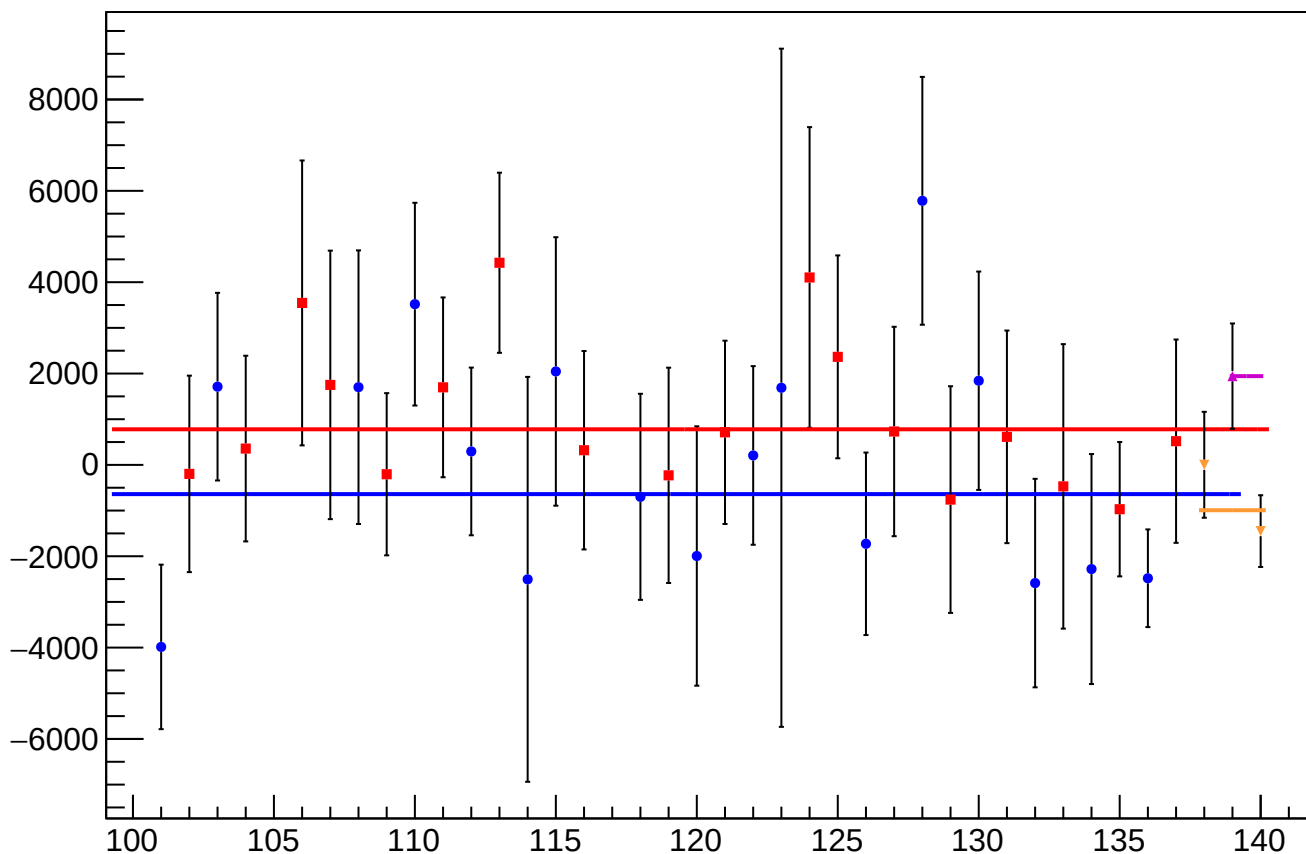
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 107.131 $\pm$ 0.028 χ^2 /NDF: 437769.4/17

Out: 111.747 $\pm$ 0.028 χ^2 /NDF: 554990.9/19

All: 109.465 $\pm$ 0.020 χ^2 /NDF: 1006204.1/37

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -992.904+/-650.144 χ^2/NDF : 1.1/1

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 1943.174+/-1152.946 χ^2/NDF : 0.0/0

Left: -284.535+/-566.311 χ^2/NDF : 6.0/2

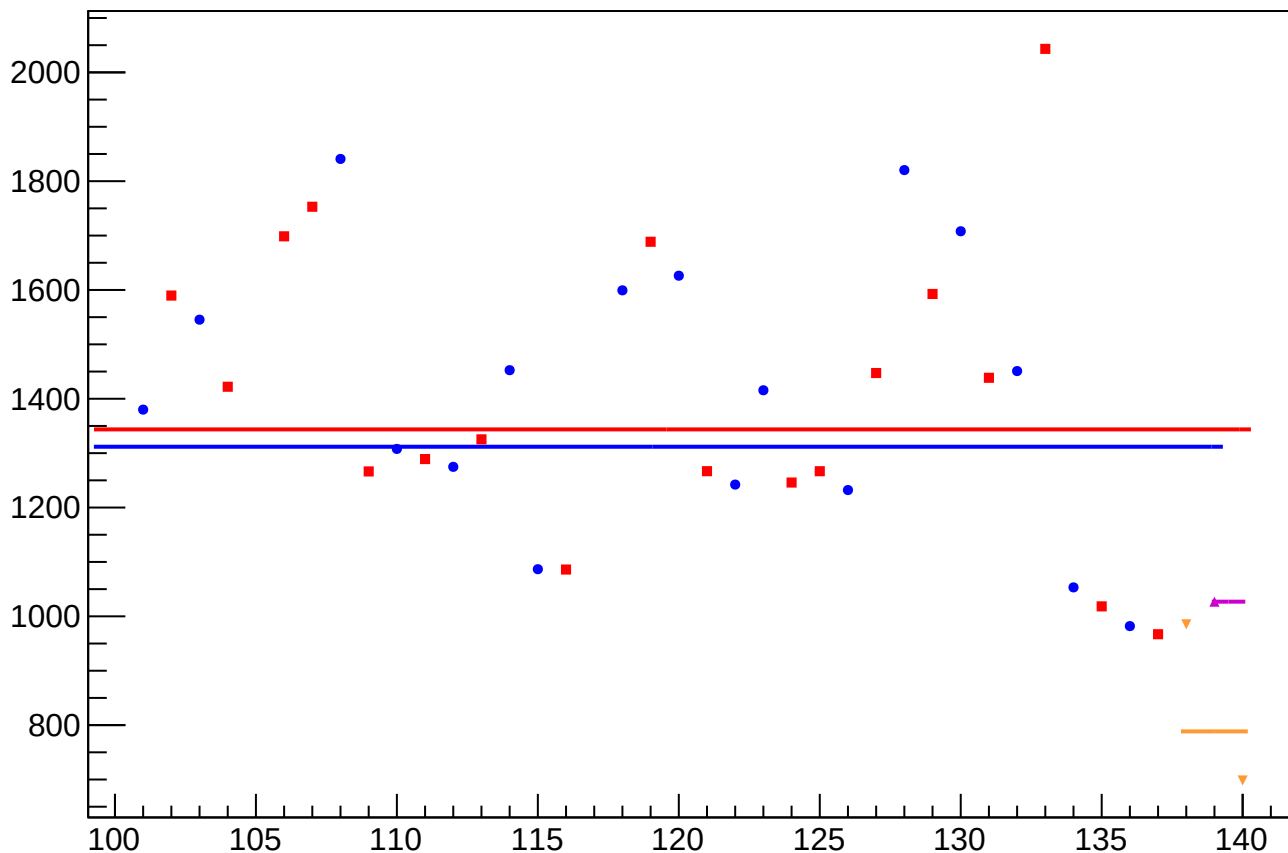
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -204.280+/-473.448 χ^2/NDF : 25.9/17

Out: 93.755+/-404.389 χ^2/NDF : 14.5/19

All: -31.961+/-307.492 χ^2/NDF : 40.6/37

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 788.501+/-0.460 χ^2/NDF :84095.3/1

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 1026.952+/-0.815 χ^2/NDF :0.0/0

Left: 846.031+/-0.400 χ^2/NDF : 149003.6/2

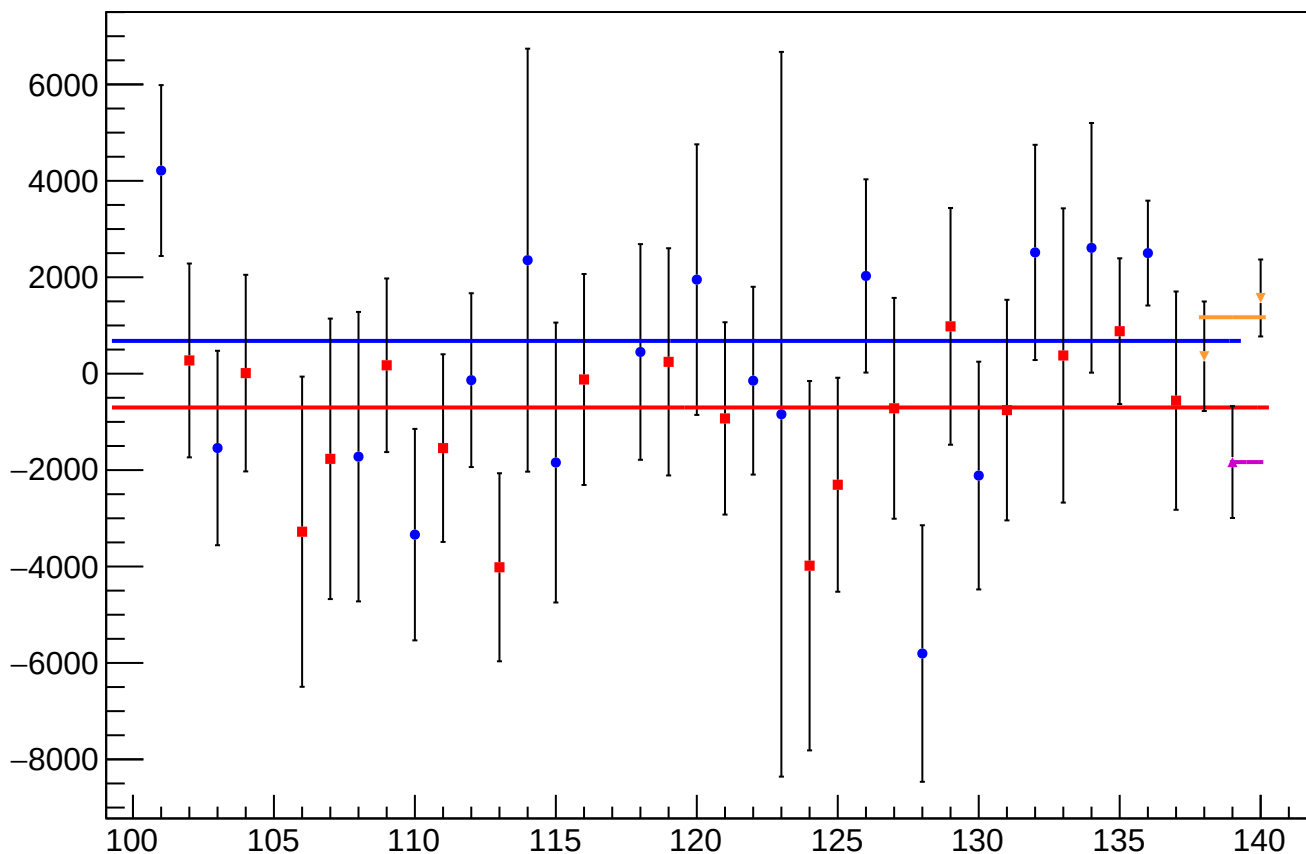
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 1263.763+/-0.335 χ^2/NDF :614164.7/17

Out: 1128.877+/-0.286 χ^2/NDF :1439205.1/19

All: 1185.774+/-0.217 χ^2/NDF : 2147229.7/37

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1170.797+/-653.093 χ^2/NDF : 0.8/1

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -1833.674+/-1159.934 χ^2/NDF : 0.0/0

Left: 447.595+/-569.087 χ^2/NDF : 5.9/2

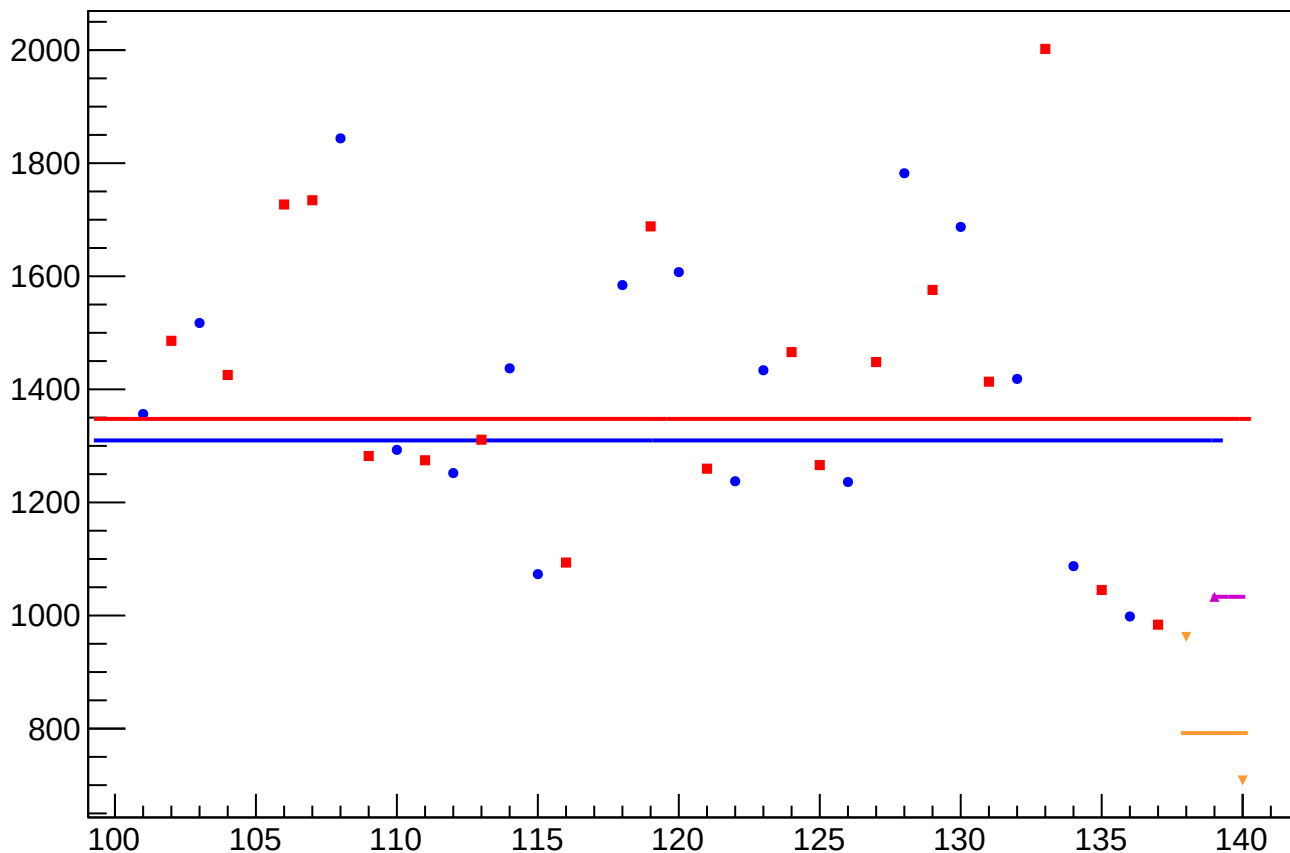
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 262.648+/-472.604 χ^2/NDF : 26.5/17

Out: 20.688+/-405.515 χ^2/NDF : 13.4/19

All: 123.289+/-307.753 χ^2/NDF : 40.1/37

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 792.077 $\pm$ 0.462 χ^2 /NDF: 66777.2/1

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 1033.115 $\pm$ 0.820 χ^2 /NDF: 0.0/0

Left: 850.097 $\pm$ 0.402 χ^2 /NDF: 132352.6/2

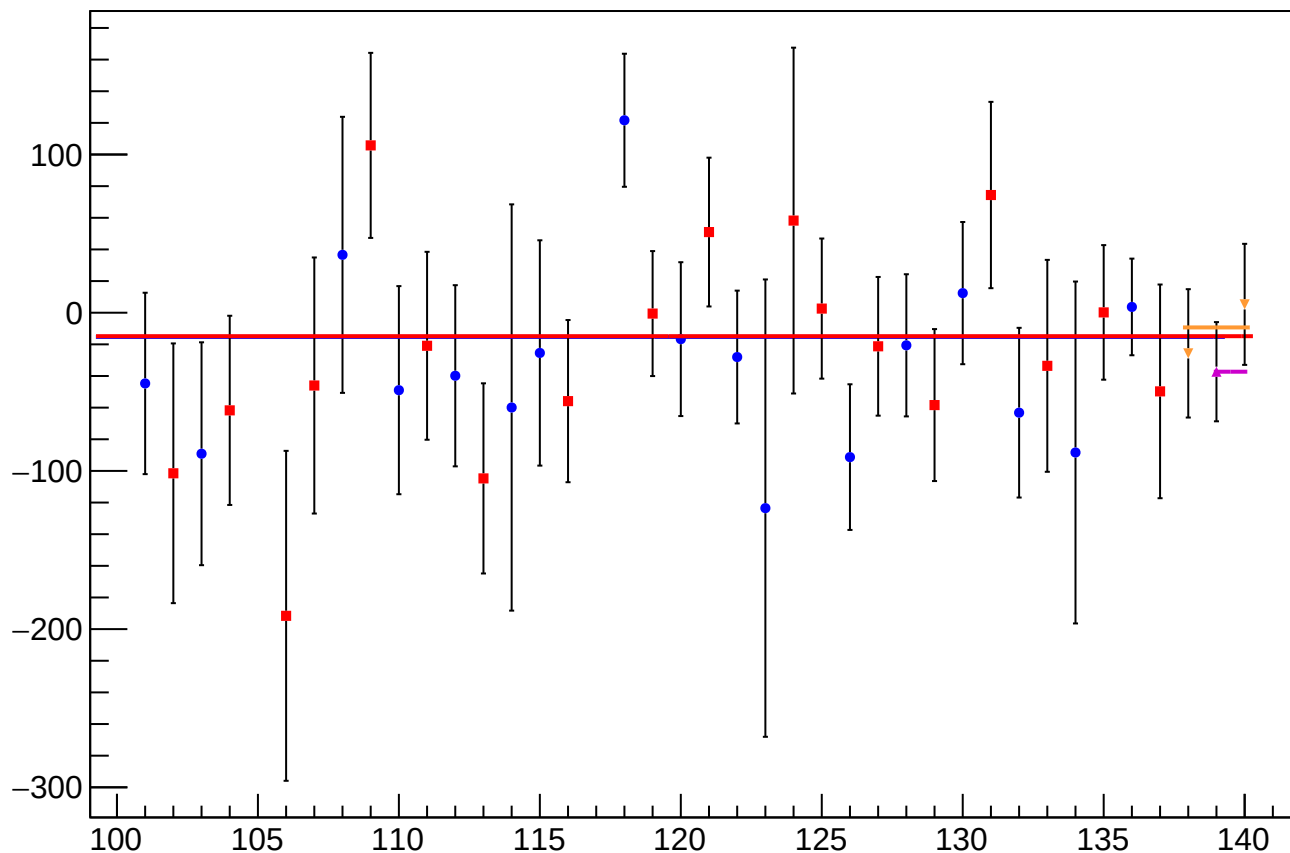
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 1263.746 $\pm$ 0.334 χ^2 /NDF: 554121.4/17

Out: 1133.529 $\pm$ 0.287 χ^2 /NDF: 1361821.3/19

All: 1188.747 $\pm$ 0.218 χ^2 /NDF: 2003393.1/37

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -9.298 ± 27.834 χ^2/NDF : 0.3/1

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -37.292 ± 31.357 χ^2/NDF : 0.0/0

Left: -21.635 ± 20.816 χ^2/NDF : 0.8/2

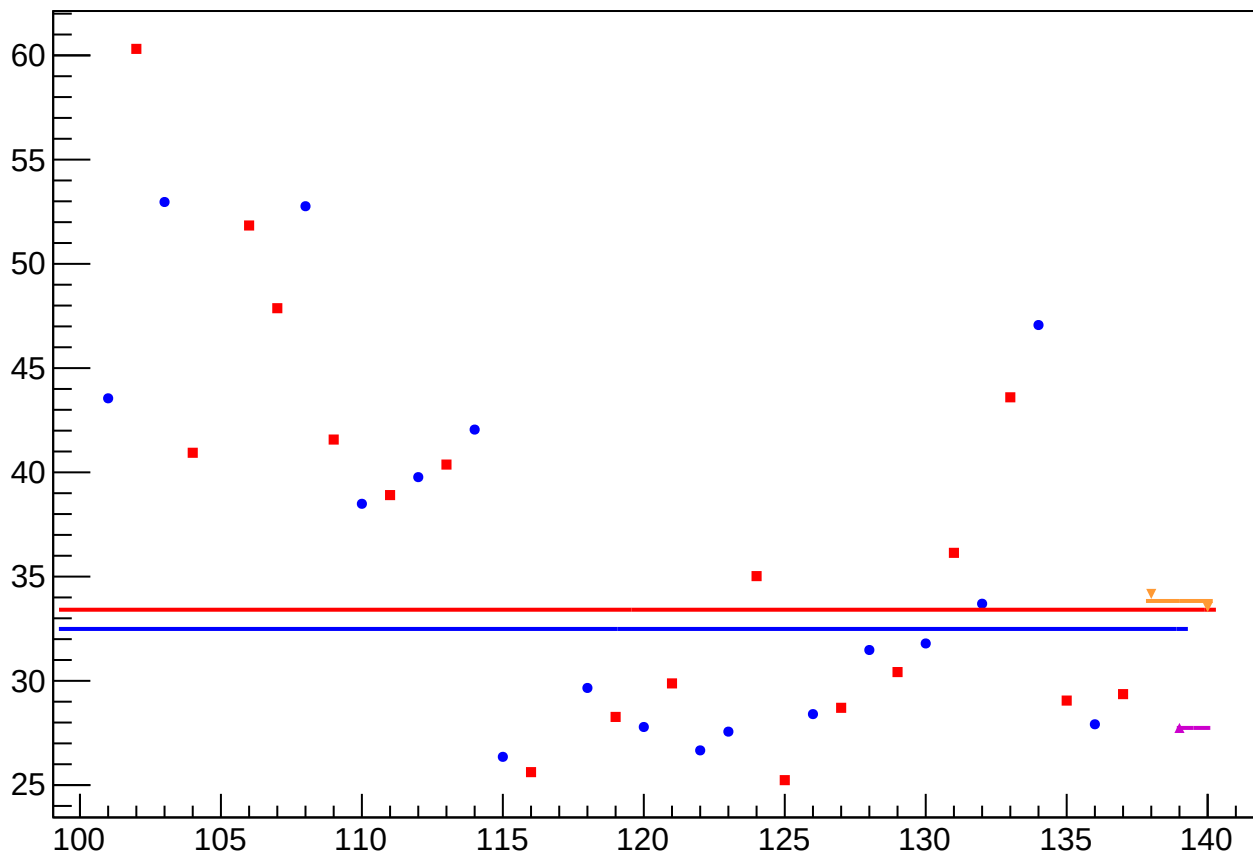
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -18.470 ± 11.936 χ^2/NDF : 18.7/17

Out: -13.834 ± 11.851 χ^2/NDF : 18.5/19

All: -16.136 ± 8.410 χ^2/NDF : 37.3/37

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 33.831 $\pm$ 0.020 χ^2 /NDF: 262.1/1

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 27.742 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left: 31.147 $\pm$ 0.015 χ^2 /NDF: 42443.0/2

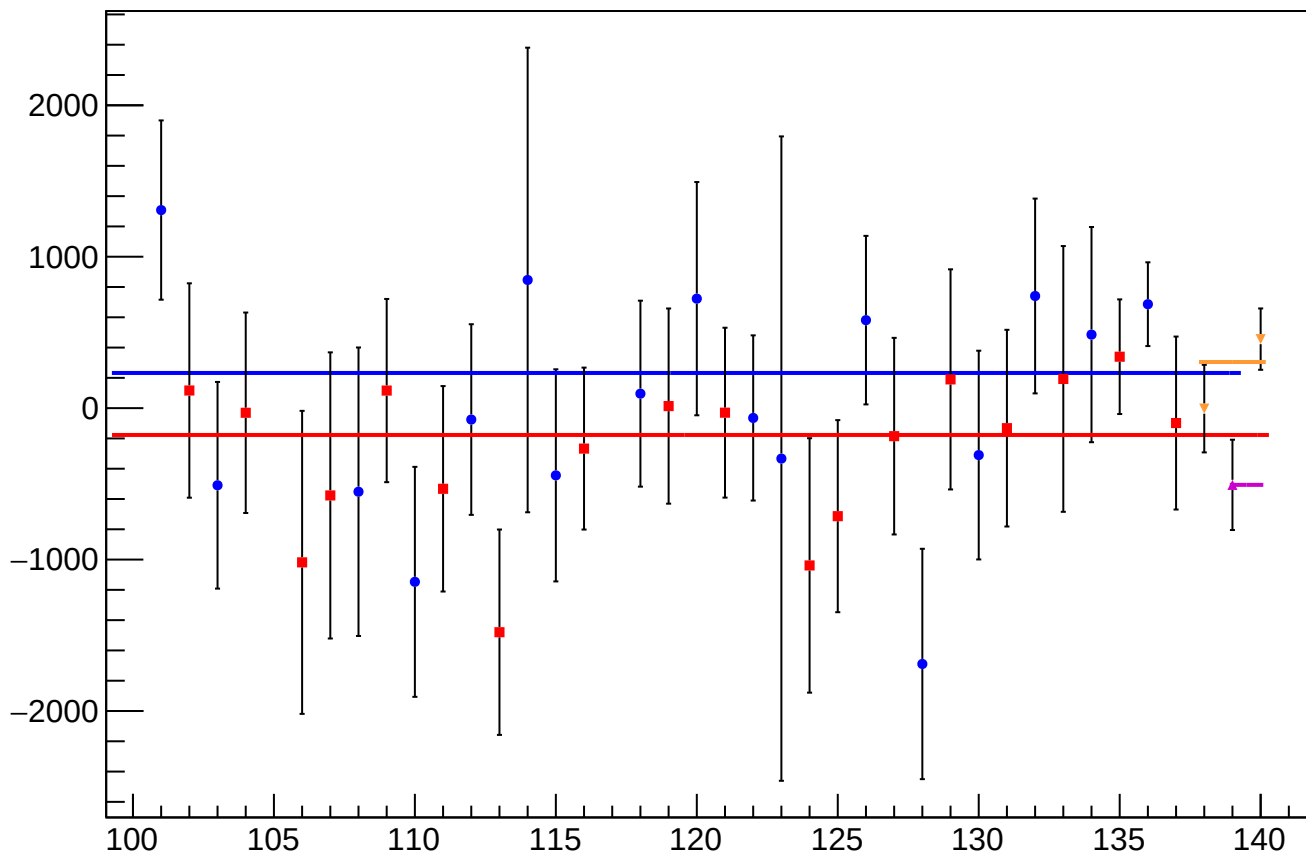
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 31.801 $\pm$ 0.008 χ^2 /NDF: 633683.8/17

Out: 33.487 $\pm$ 0.008 χ^2 /NDF: 725824.2/19

All: 32.650 $\pm$ 0.006 χ^2 /NDF: 1379600.4/37

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 304.764 $\pm$ 165.918 χ^2 /NDF: 1.7/1

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -506.665 $\pm$ 298.203 χ^2 /NDF: 0.0/0

Left: 112.949 $\pm$ 144.987 χ^2 /NDF: 7.3/2

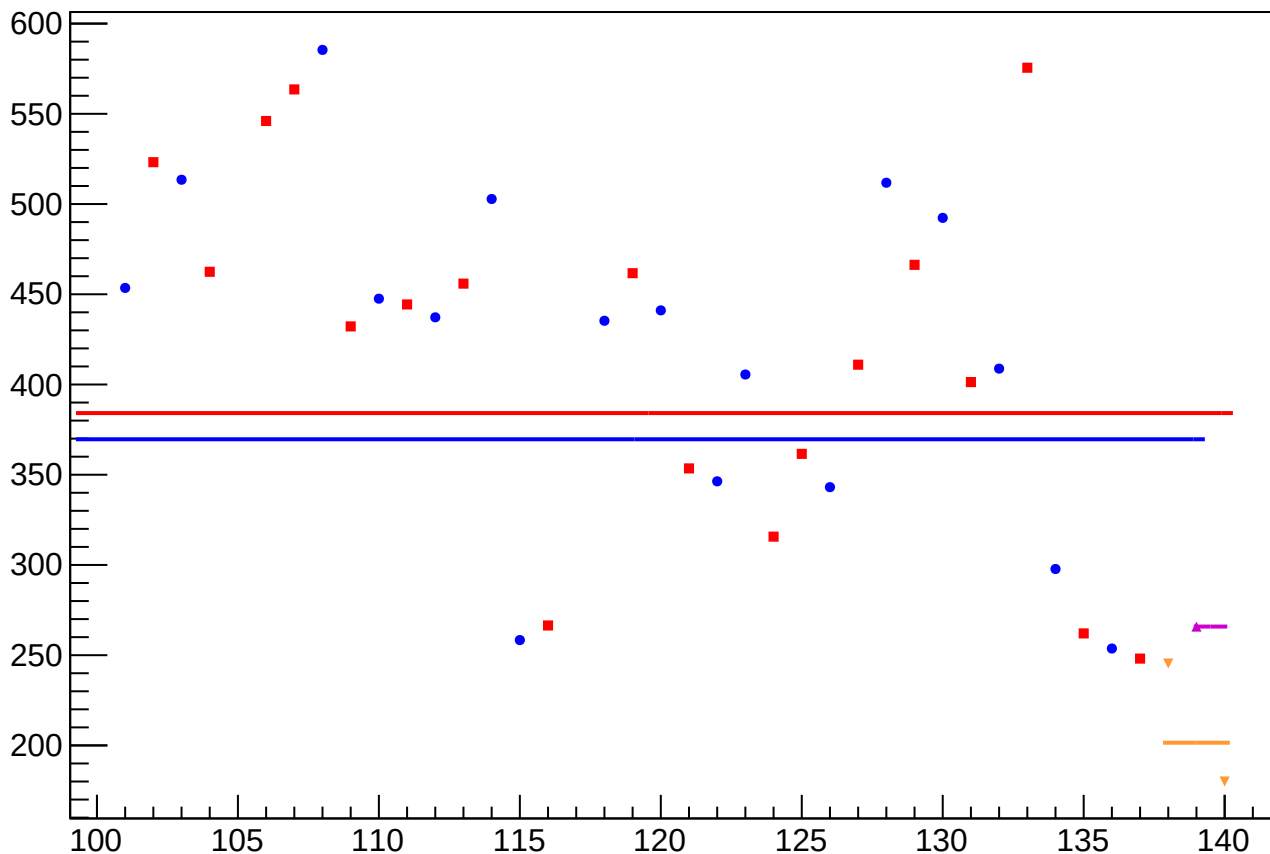
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 85.316 $\pm$ 133.006 χ^2 /NDF: 26.4/17

Out: 39.591 $\pm$ 111.270 χ^2 /NDF: 15.9/19

All: 58.417 $\pm$ 85.344 χ^2 /NDF: 42.4/37

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 201.508 $\pm$ 0.117 χ^2 /NDF: 68592.5/1

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 265.865 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left: 216.722 $\pm$ 0.103 χ^2 /NDF: 139724.9/2

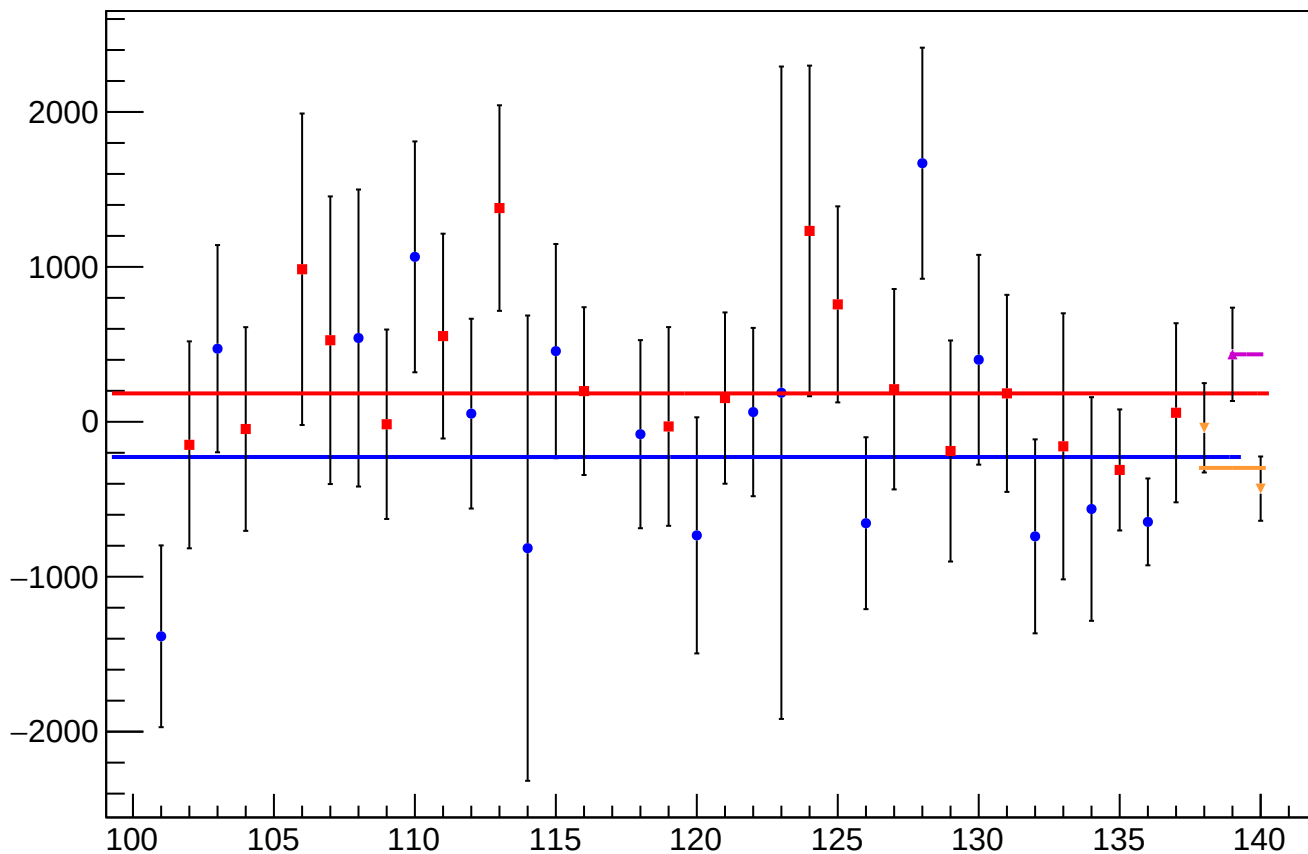
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 349.003 $\pm$ 0.094 χ^2 /NDF: 1096835.1/17

Out: 302.018 $\pm$ 0.079 χ^2 /NDF: 2277425.6/19

All: 321.363 $\pm$ 0.060 χ^2 /NDF: 3521079.3/37

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -297.454+/-168.417 χ^2/NDF : 1.2/1

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 435.560+/-301.235 χ^2/NDF : 0.0/0

Left: -122.893+/-147.002 χ^2/NDF : 5.7/2

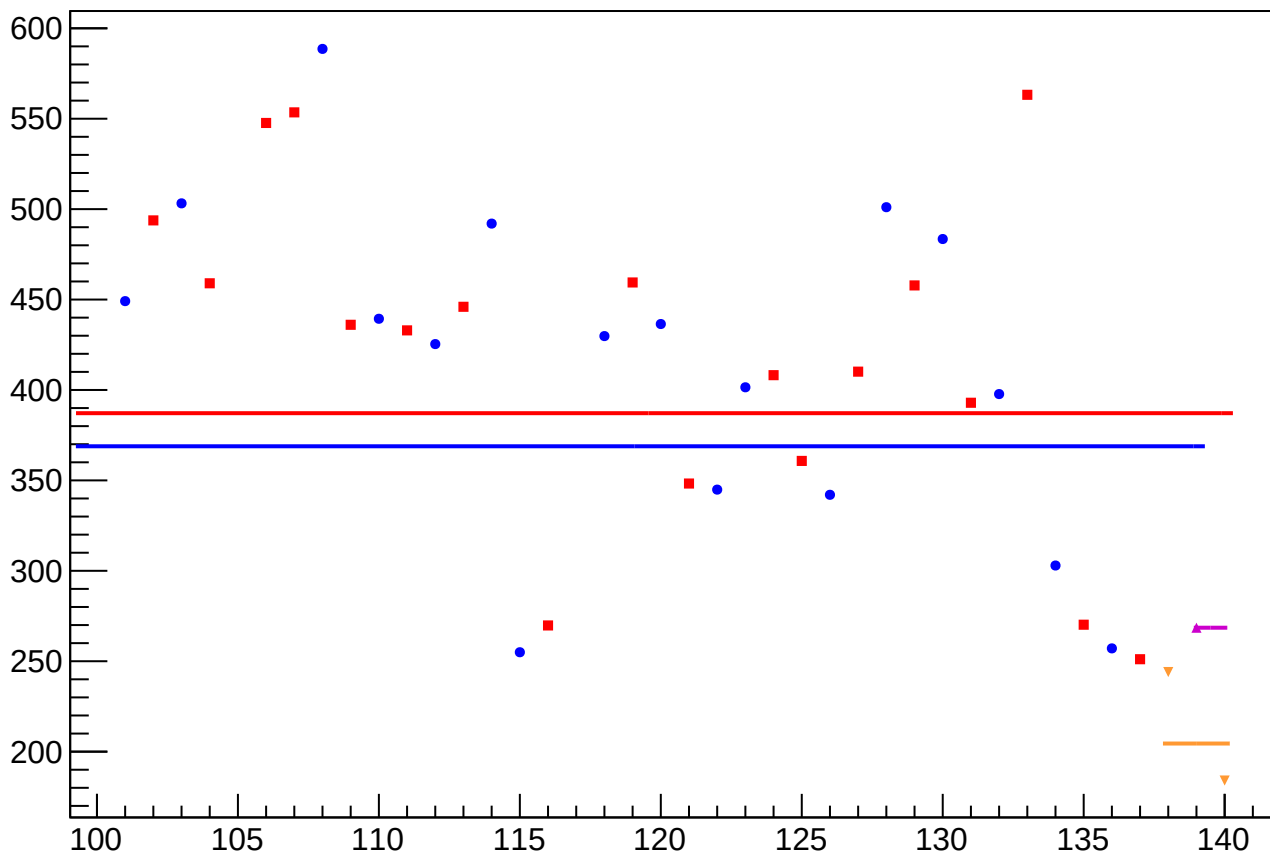
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -98.498+/-132.778 χ^2/NDF : 25.7/17

Out: -30.122+/-112.216 χ^2/NDF : 14.5/19

All: -58.611+/-85.707 χ^2/NDF : 40.4/37

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 204.488 $\pm$ 0.119 χ^2 /NDF: 57042.0/1

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 268.534 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Left: 219.740 $\pm$ 0.104 χ^2 /NDF: 125919.3/2

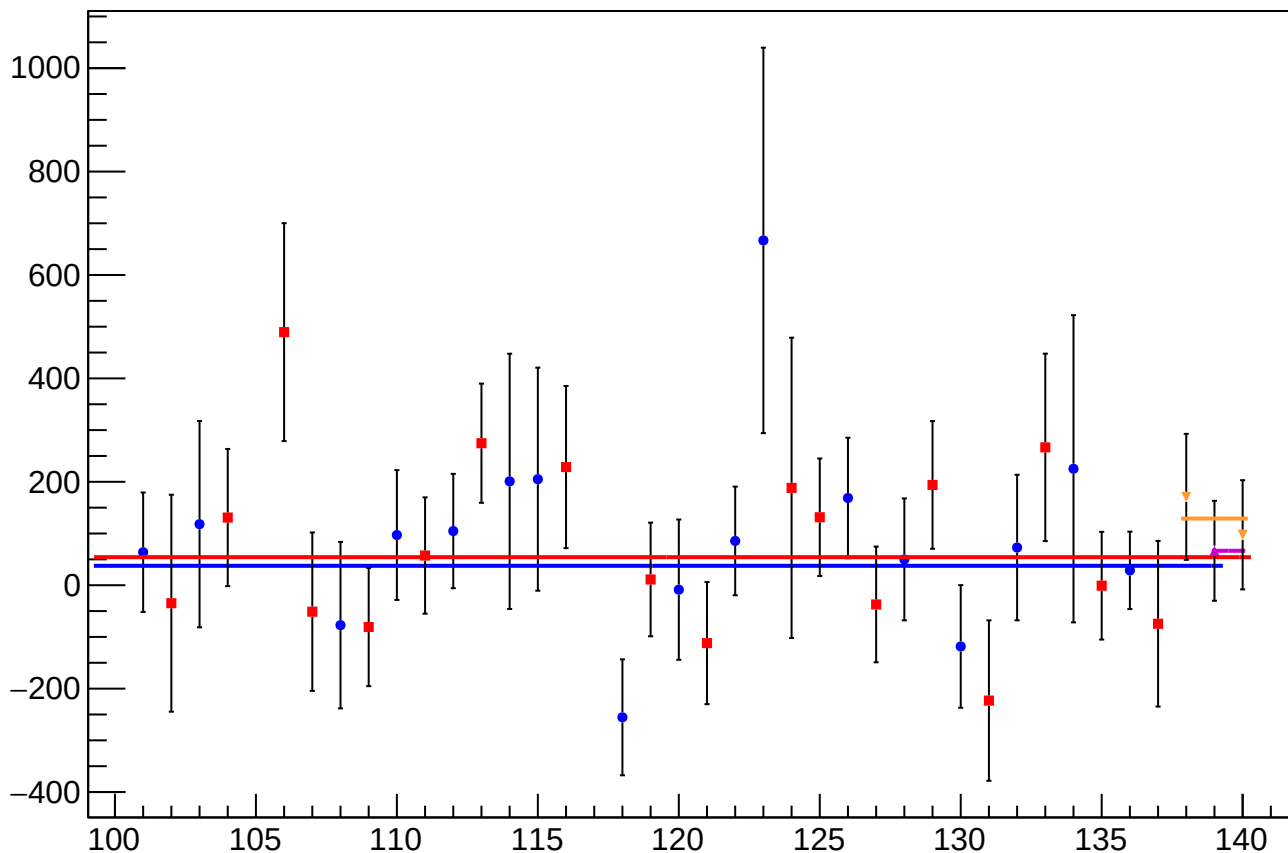
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 349.371 $\pm$ 0.094 χ^2 /NDF: 1008488.6/17

Out: 306.065 $\pm$ 0.079 χ^2 /NDF: 2123549.2/19

All: 324.109 $\pm$ 0.061 χ^2 /NDF: 3256145.2/37

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 128.968 $\pm$ 79.798 χ^2 /NDF:0.2/1

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 66.621 $\pm$ 96.634 χ^2 /NDF:0.0/0

Left: 103.690 $\pm$ 61.531 χ^2 /NDF: 0.5/2

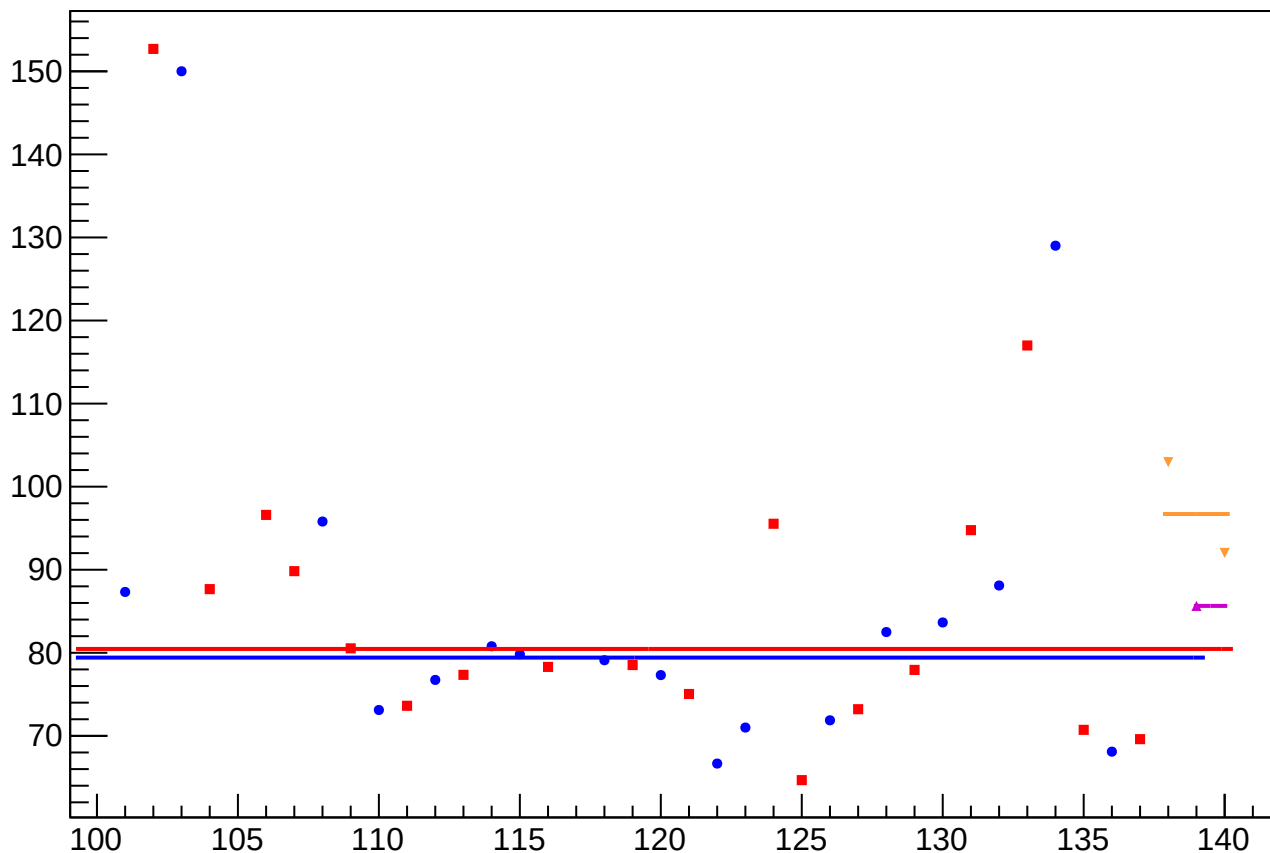
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 40.323 $\pm$ 29.915 χ^2 /NDF:15.9/17

Out: 64.338 $\pm$ 29.291 χ^2 /NDF:22.8/19

All: 52.583 $\pm$ 20.929 χ^2 /NDF: 39.0/37

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 96.707 $\pm$ 0.056 χ^2 /NDF:9188.6/1

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 85.646 $\pm$ 0.068 χ^2 /NDF:0.0/0

Left: 92.222 $\pm$ 0.044 χ^2 /NDF: 24768.5/2

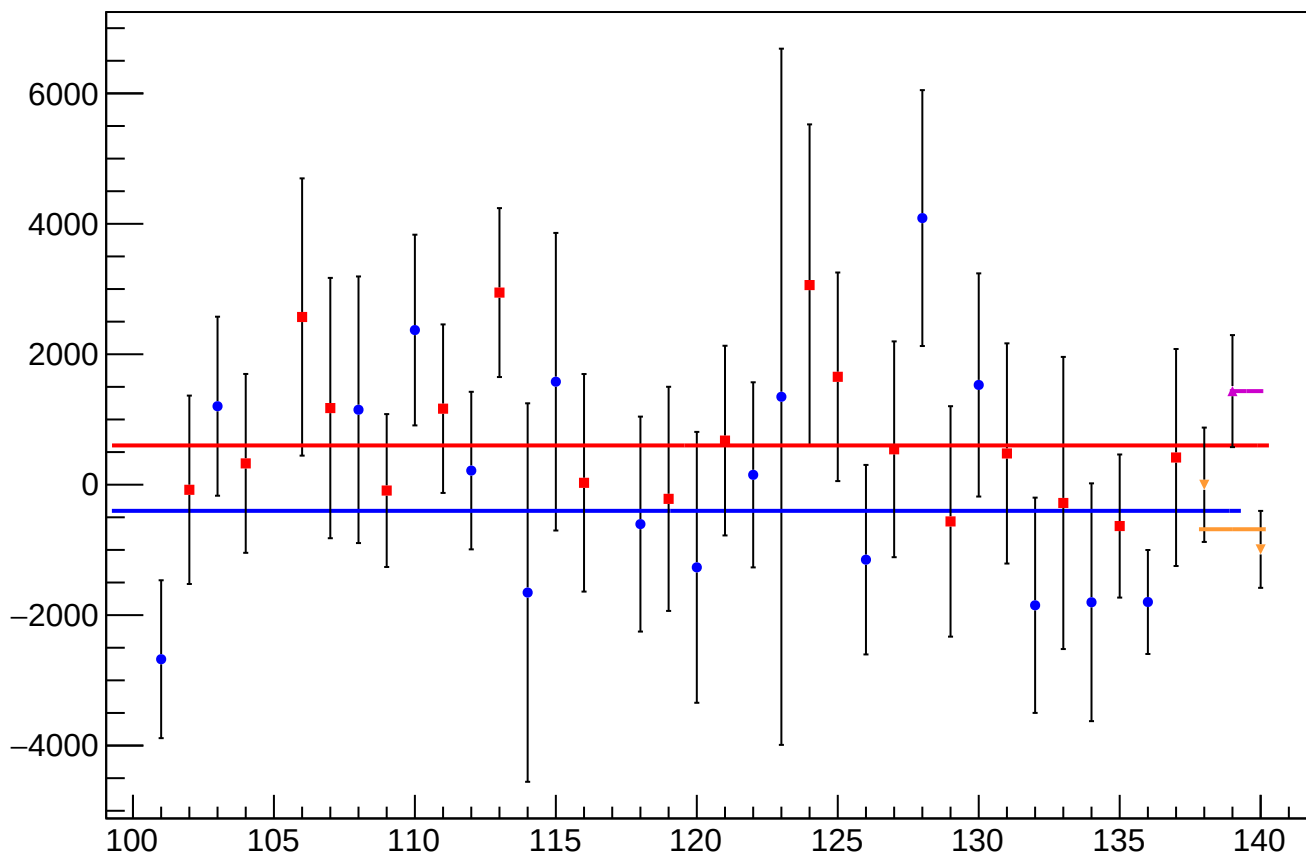
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 80.018 $\pm$ 0.021 χ^2 /NDF:446550.2/17

Out: 82.654 $\pm$ 0.021 χ^2 /NDF:535253.2/19

All: 81.364 $\pm$ 0.015 χ^2 /NDF: 989730.9/37

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -683.055+/-489.389 χ^2/NDF : 0.9/1

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 1434.942+/-858.880 χ^2/NDF : 0.0/0

Left: -163.943+/-425.207 χ^2/NDF : 5.5/2

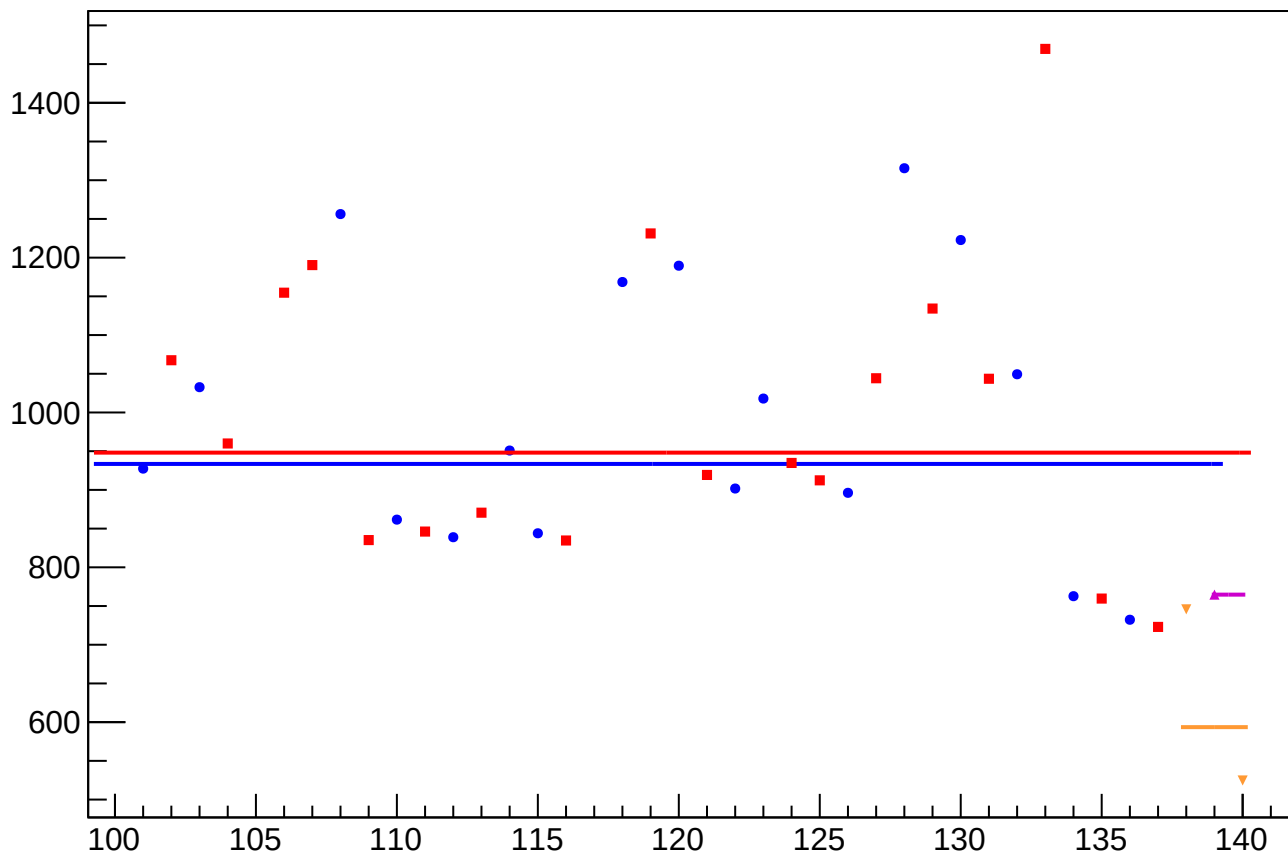
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: -115.645+/-338.631 χ^2/NDF : 25.8/17

Out: 144.764+/-291.897 χ^2/NDF : 14.0/19

All: 33.756+/-221.094 χ^2/NDF : 40.1/37

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 593.558+/-0.346 χ^2/NDF : 87542.3/1

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 764.713+/-0.607 χ^2/NDF : 0.0/0

Left: 635.508+/-0.301 χ^2/NDF : 147498.7/2

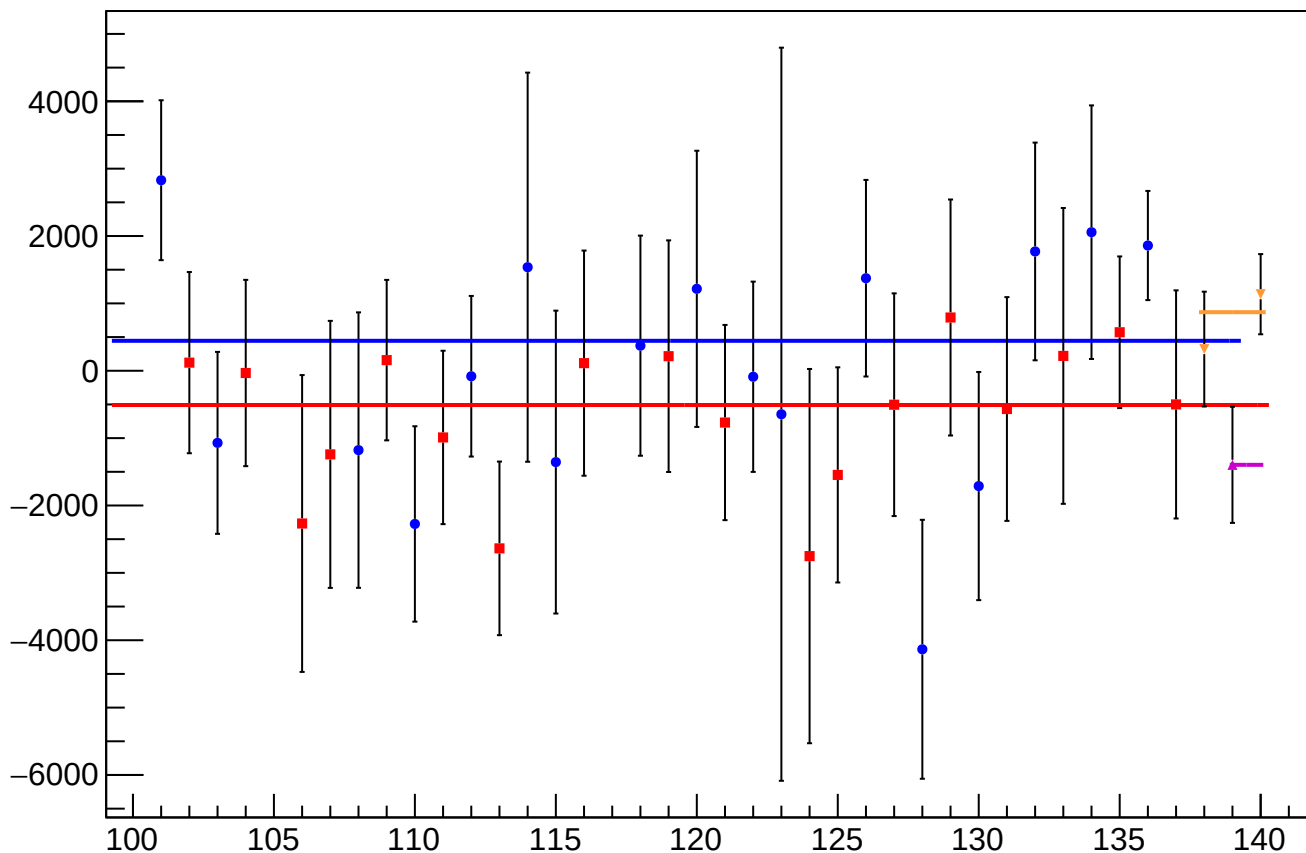
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 907.288+/-0.239 χ^2/NDF : 507578.2/17

Out: 821.990+/-0.206 χ^2/NDF : 1169063.9/19

All: 858.351+/-0.156 χ^2/NDF : 1749445.0/37

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 869.608+/-487.929 χ^2/NDF : 0.6/1

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -1396.501+/-861.762 χ^2/NDF : 0.0/0

Left: 319.493+/-424.594 χ^2/NDF : 5.9/2

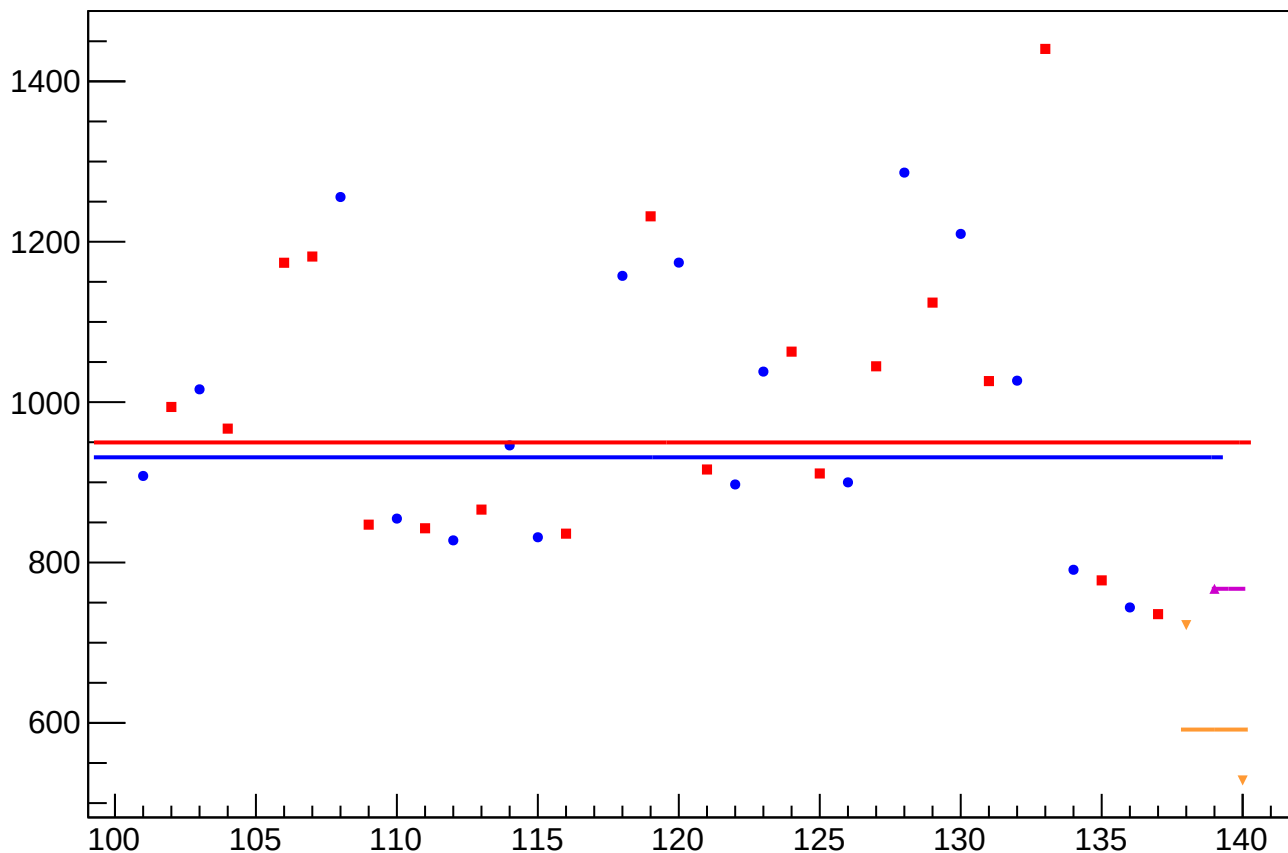
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 161.879+/-337.732 χ^2/NDF : 26.8/17

Out: -15.389+/-291.815 χ^2/NDF : 13.0/19

All: 60.384+/-220.808 χ^2/NDF : 40.0/37

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 591.696+/-0.345 χ^2/NDF : 69446.2/1

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 767.248+/-0.609 χ^2/NDF : 0.0/0

Left: 634.312+/-0.300 χ^2/NDF : 132296.3/2

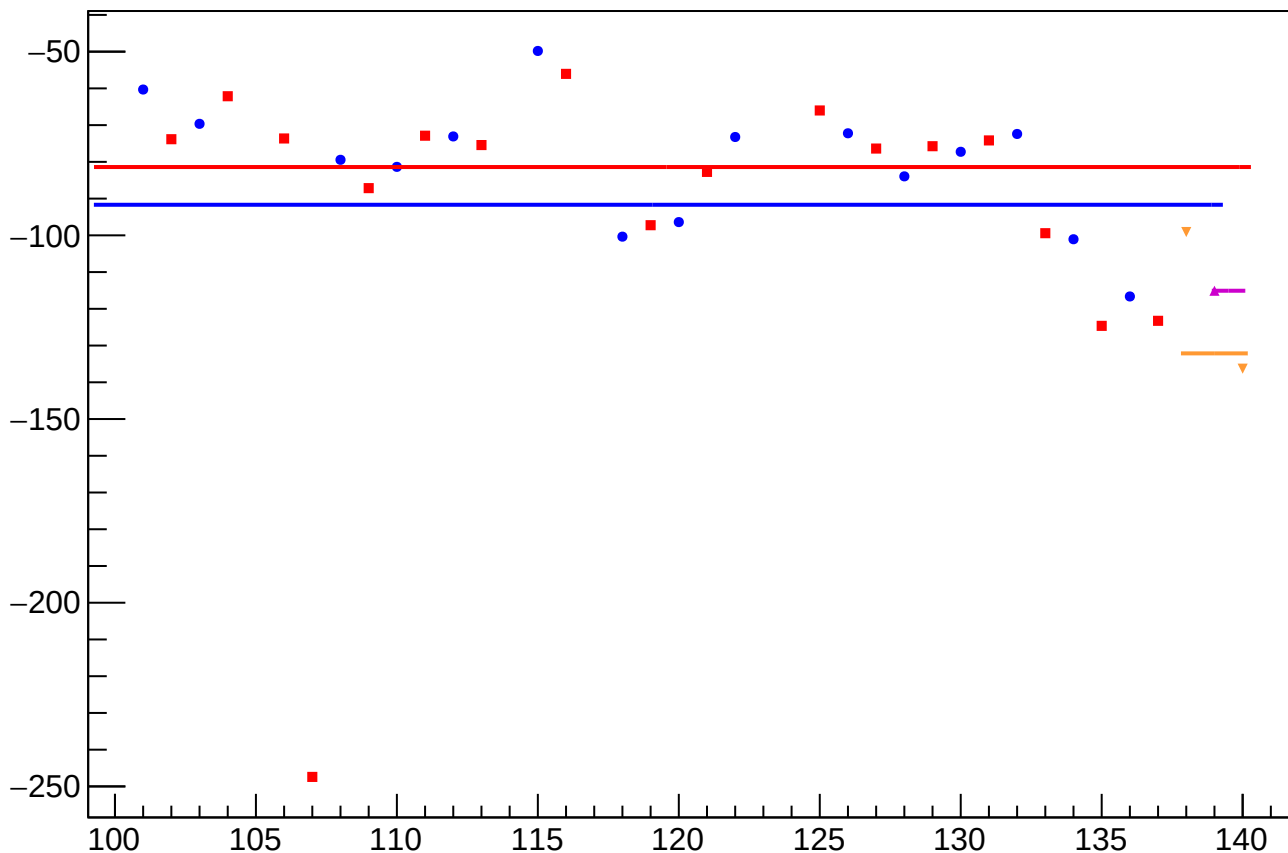
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 906.020+/-0.239 χ^2/NDF : 461516.7/17

Out: 821.672+/-0.206 χ^2/NDF : 1126730.0/19

All: 857.727+/-0.156 χ^2/NDF : 1659671.9/37

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -132.131 ± 0.271 χ^2/NDF : 1868.4/1

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -115.080 ± 0.403 χ^2/NDF : 0.0/0

Left: -126.814 ± 0.225 χ^2/NDF : 3100.5/2

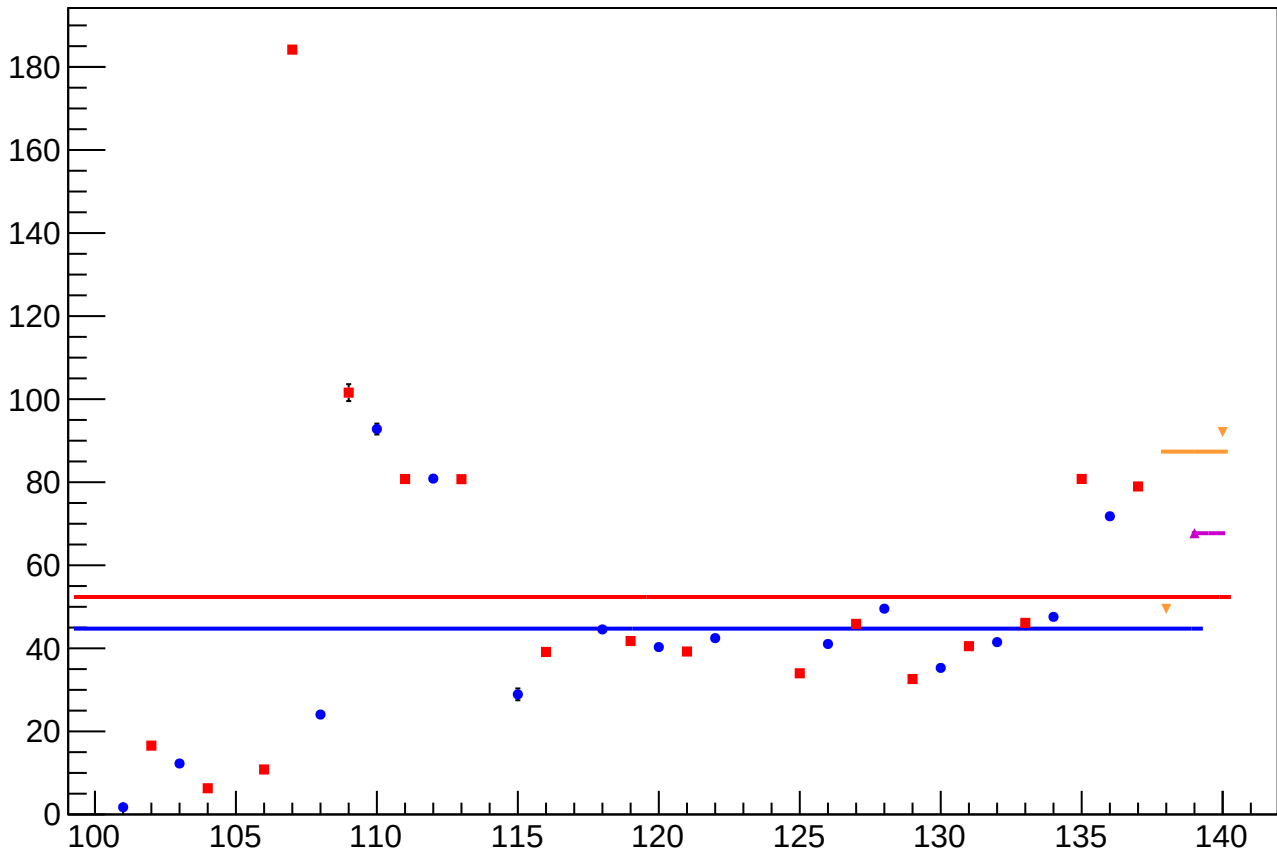
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -92.367 ± 0.069 χ^2/NDF : 67894.6/15

Out: -87.311 ± 0.093 χ^2/NDF : 74471.5/18

All: -90.558 ± 0.055 χ^2/NDF : 144281.6/34

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 ± 0.061 χ^2/NDF : 84697.9/14

Left Out: 87.369 ± 0.290 χ^2/NDF : 2124.1/1

Right Out: 52.367 ± 0.113 χ^2/NDF : 69285.2/16

Left In: 67.722 ± 0.425 χ^2/NDF : 0.0/0

Left: 81.143 ± 0.239 χ^2/NDF : 3581.2/2

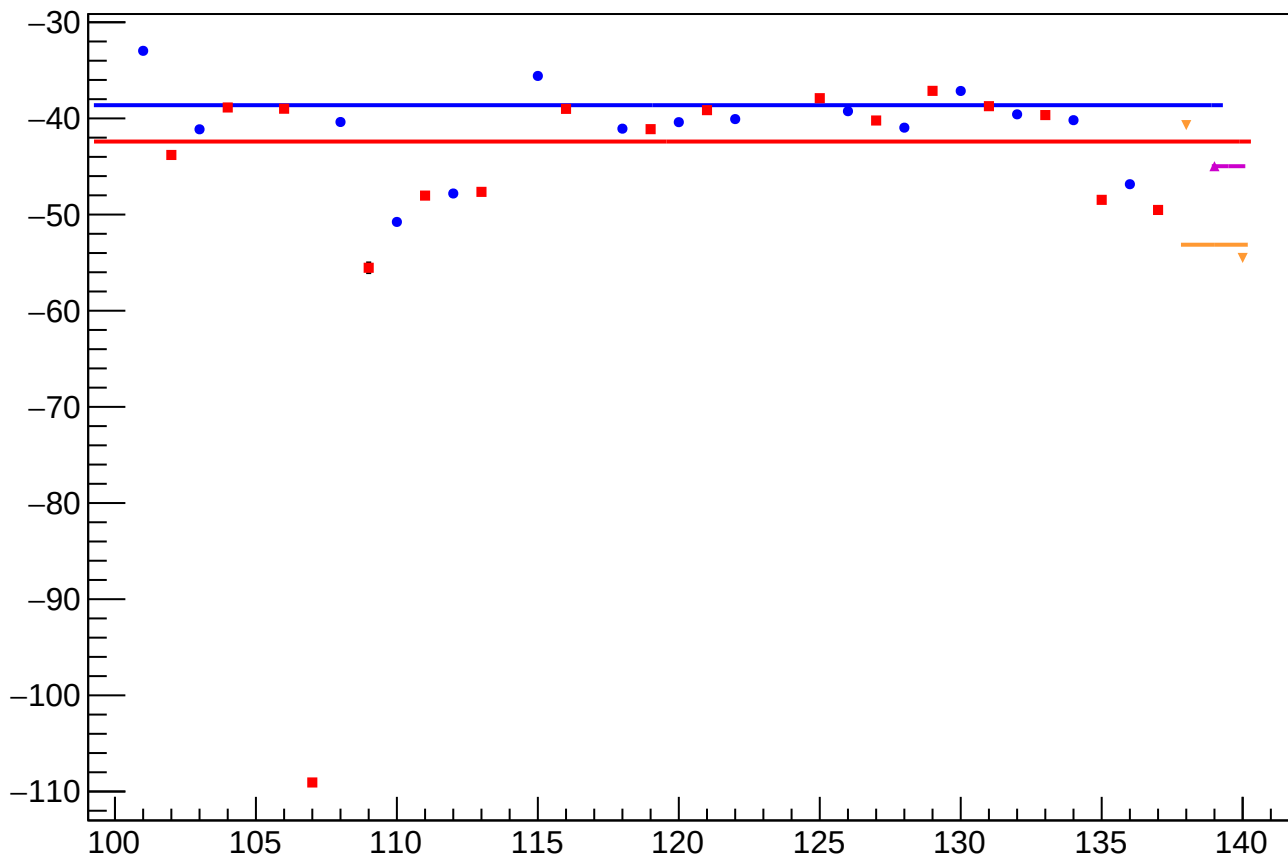
Right: 46.456 ± 0.053 χ^2/NDF : 157538.4/31

In: 45.201 ± 0.060 χ^2/NDF : 87557.6/15

Out: 56.957 ± 0.105 χ^2/NDF : 84090.6/18

All: 48.096 ± 0.052 χ^2/NDF : 181110.7/34

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -53.136 ± 0.077 χ^2/NDF : 2882.6/1

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -44.971 ± 0.112 χ^2/NDF : 0.0/0

Left: -50.521 ± 0.064 χ^2/NDF : 6479.3/2

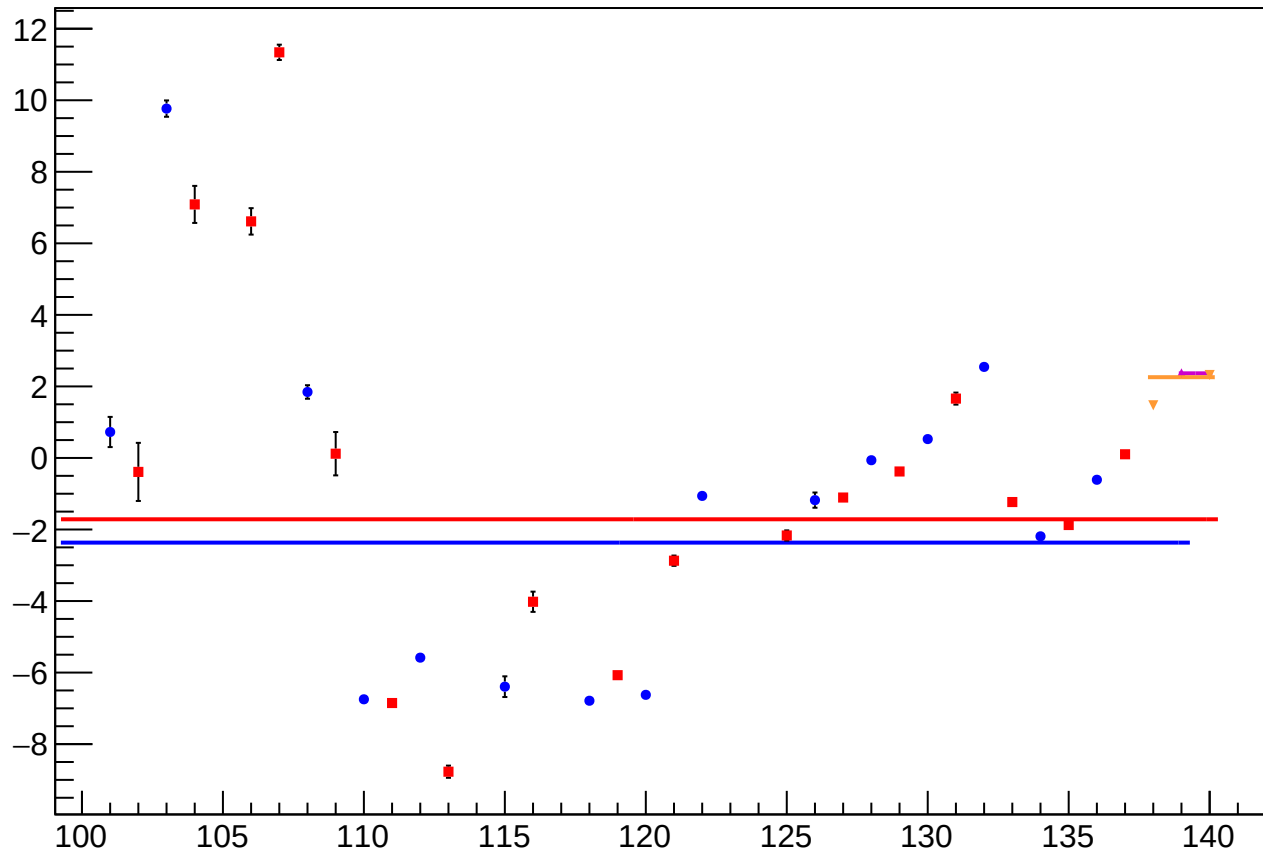
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -38.660 ± 0.008 χ^2/NDF : 243286.9/15

Out: -43.167 ± 0.021 χ^2/NDF : 290038.5/18

All: -39.286 ± 0.008 χ^2/NDF : 574877.8/34

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.258 ± 0.036 $\chi^2/\text{NDF}: 38.3/1$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 2.366 ± 0.046 $\chi^2/\text{NDF}: 0.0/0$

Left: 2.298 ± 0.028 $\chi^2/\text{NDF}: 41.7/2$

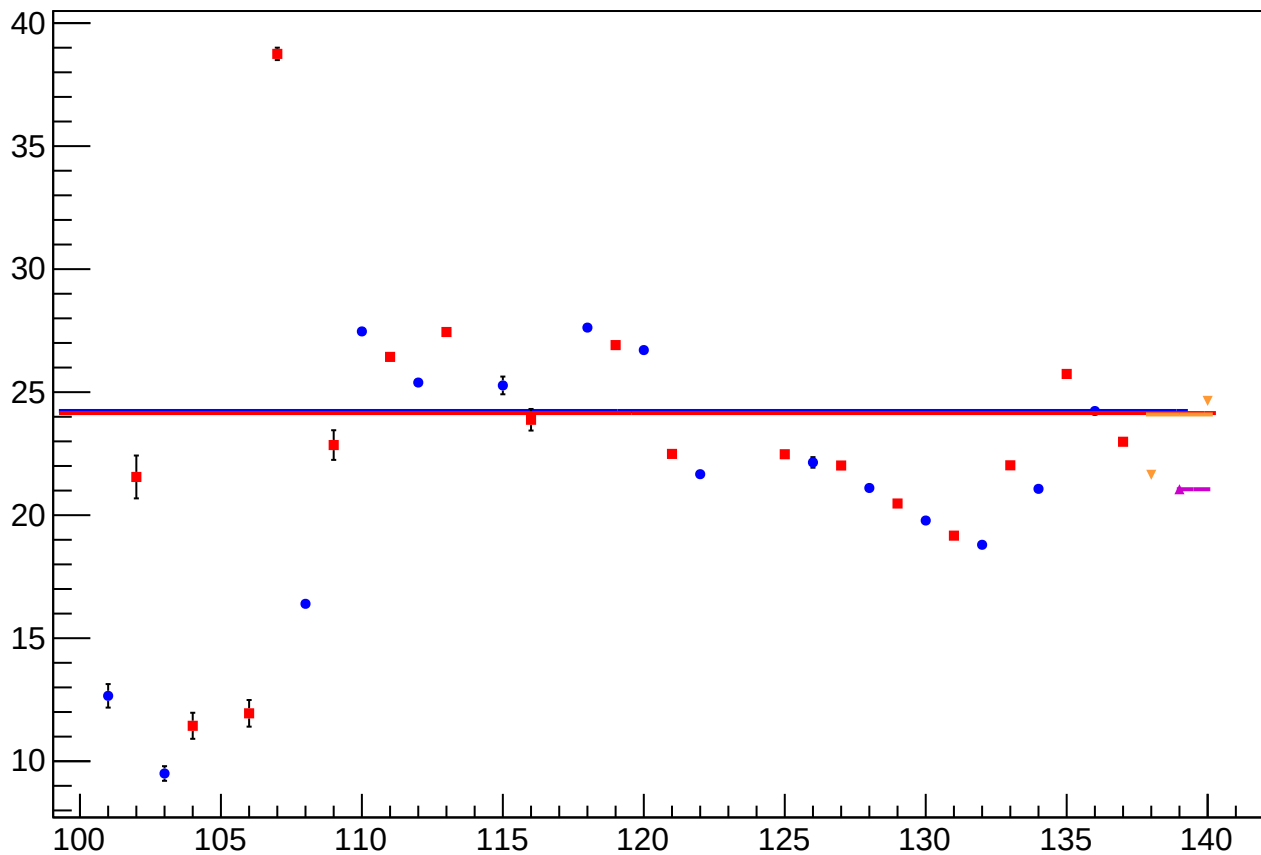
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -1.966 ± 0.013 $\chi^2/\text{NDF}: 38371.9/15$

Out: -0.261 ± 0.021 $\chi^2/\text{NDF}: 20686.0/18$

All: -1.485 ± 0.011 $\chi^2/\text{NDF}: 63579.1/34$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 24.093 $\pm$ 0.066 χ^2 /NDF:307.5/1

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 21.055 $\pm$ 0.076 χ^2 /NDF:0.0/0

Left: 22.772 $\pm$ 0.050 χ^2 /NDF: 1220.2/2

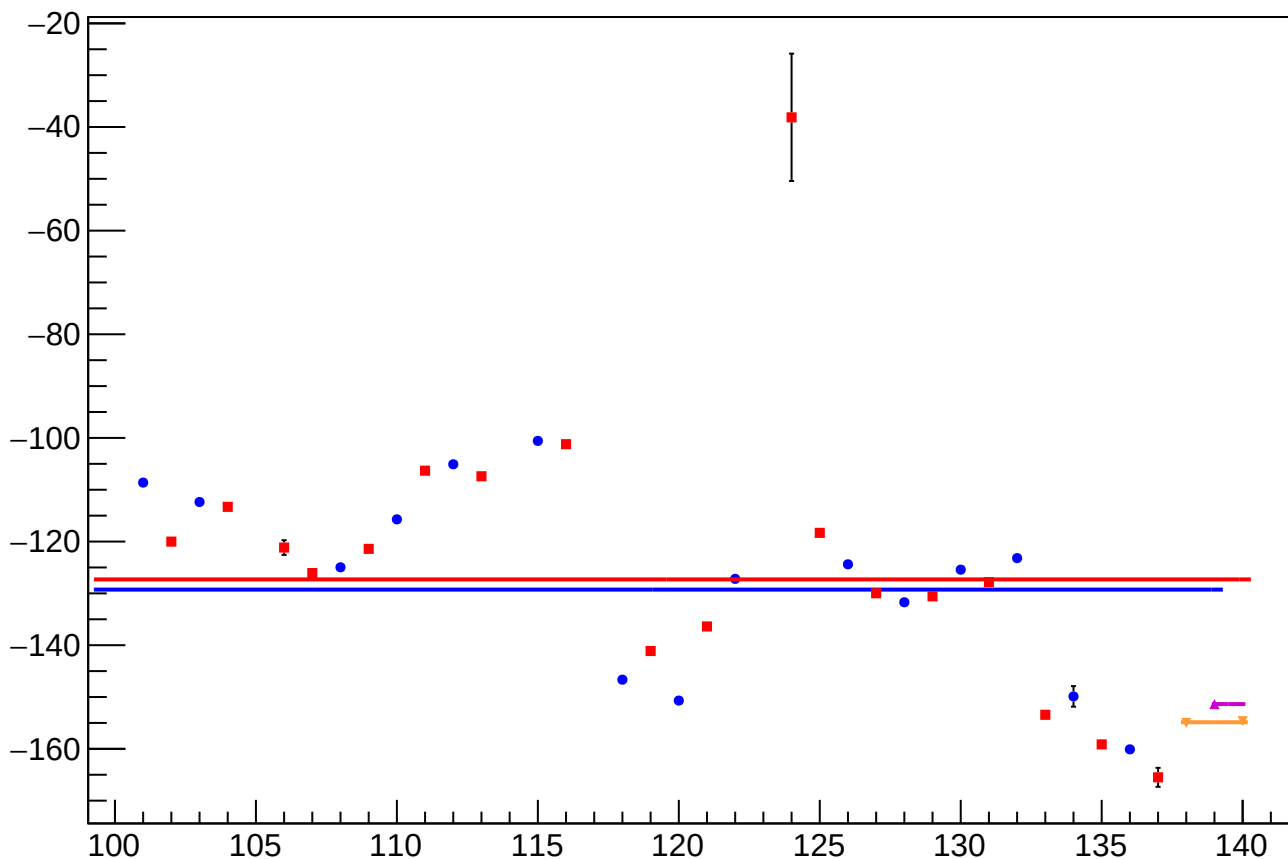
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 23.986 $\pm$ 0.021 χ^2 /NDF:23528.0/15

Out: 24.143 $\pm$ 0.023 χ^2 /NDF:13530.7/18

All: 24.059 $\pm$ 0.016 χ^2 /NDF: 37084.2/34

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -154.866+/-0.185 χ^2/NDF : 0.8/1

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -151.366+/-0.256 χ^2/NDF : 0.0/0

Left: -153.666+/-0.150 χ^2/NDF : 123.8/2

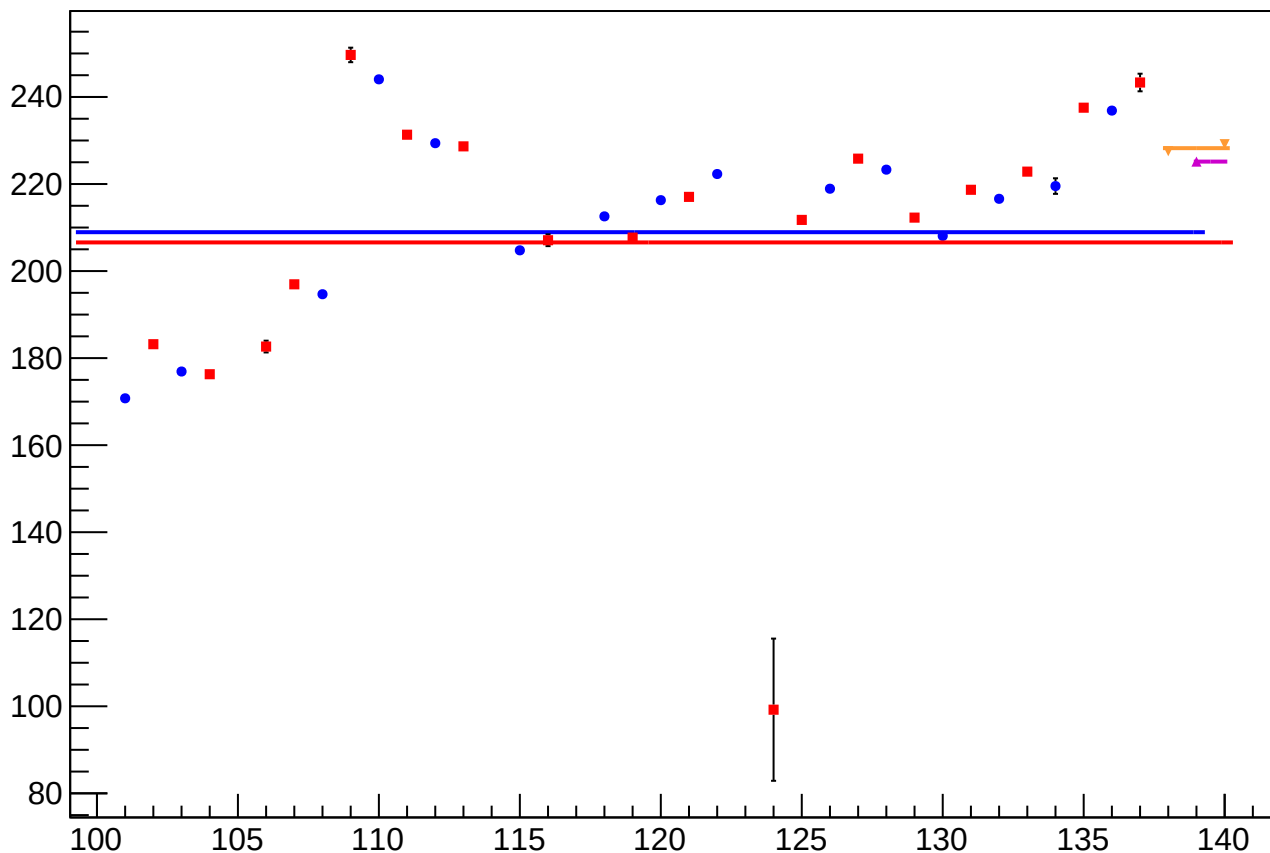
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -131.600+/-0.083 χ^2/NDF : 41784.0/15

Out: -132.053+/-0.077 χ^2/NDF : 48013.4/19

All: -131.844+/-0.056 χ^2/NDF : 89813.5/35

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 228.240 $\pm$ 0.190 χ^2 /NDF:18.1/1

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 225.153 $\pm$ 0.225 χ^2 /NDF:0.0/0

Left: 226.960 $\pm$ 0.145 χ^2 /NDF: 128.1/2

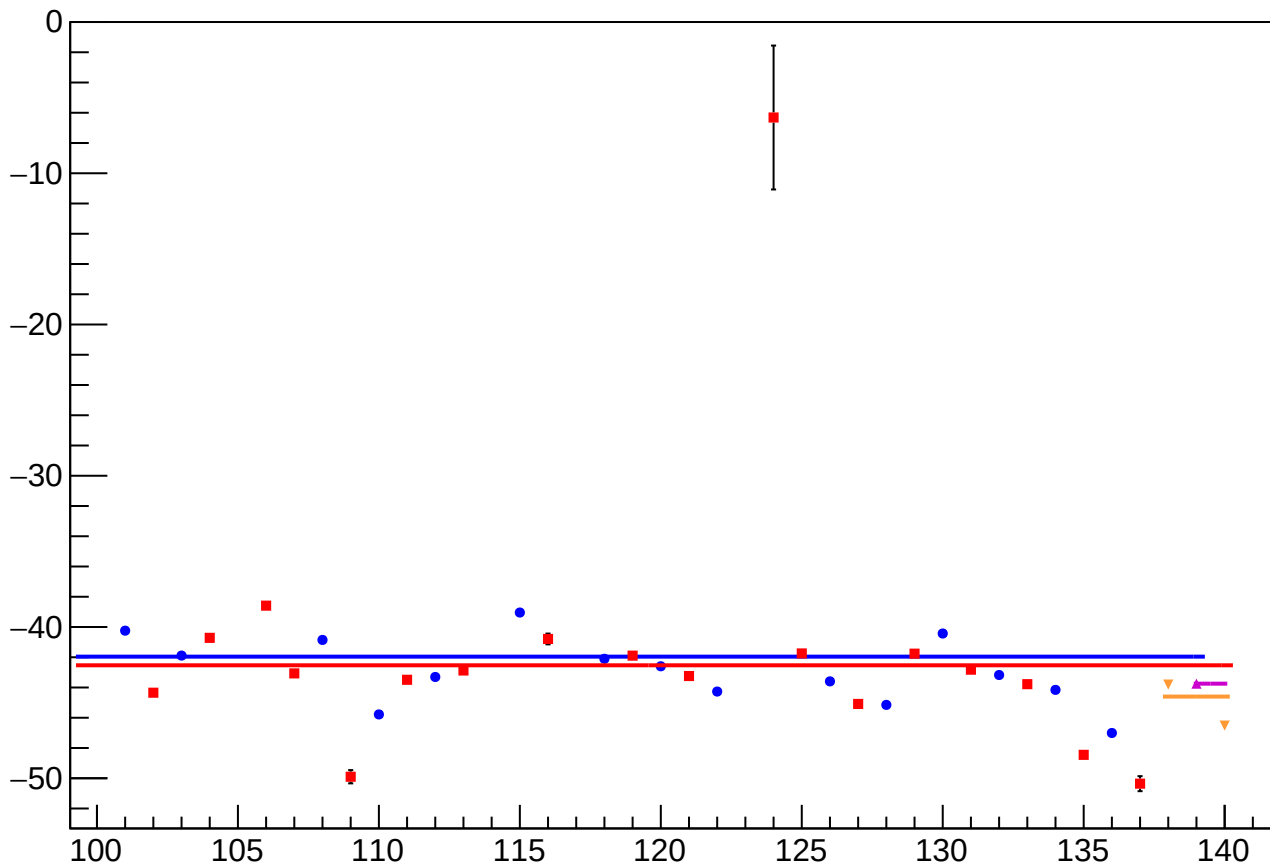
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 211.134 $\pm$ 0.083 χ^2 /NDF:49168.8/15

Out: 210.080 $\pm$ 0.076 χ^2 /NDF:59179.7/19

All: 210.562 $\pm$ 0.056 χ^2 /NDF: 108436.1/35

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -44.600 ± 0.030 $\chi^2/\text{NDF}: 1697.7/1$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -43.747 ± 0.027 $\chi^2/\text{NDF}: 0.0/0$

Left: -44.130 ± 0.020 $\chi^2/\text{NDF}: 2145.0/2$

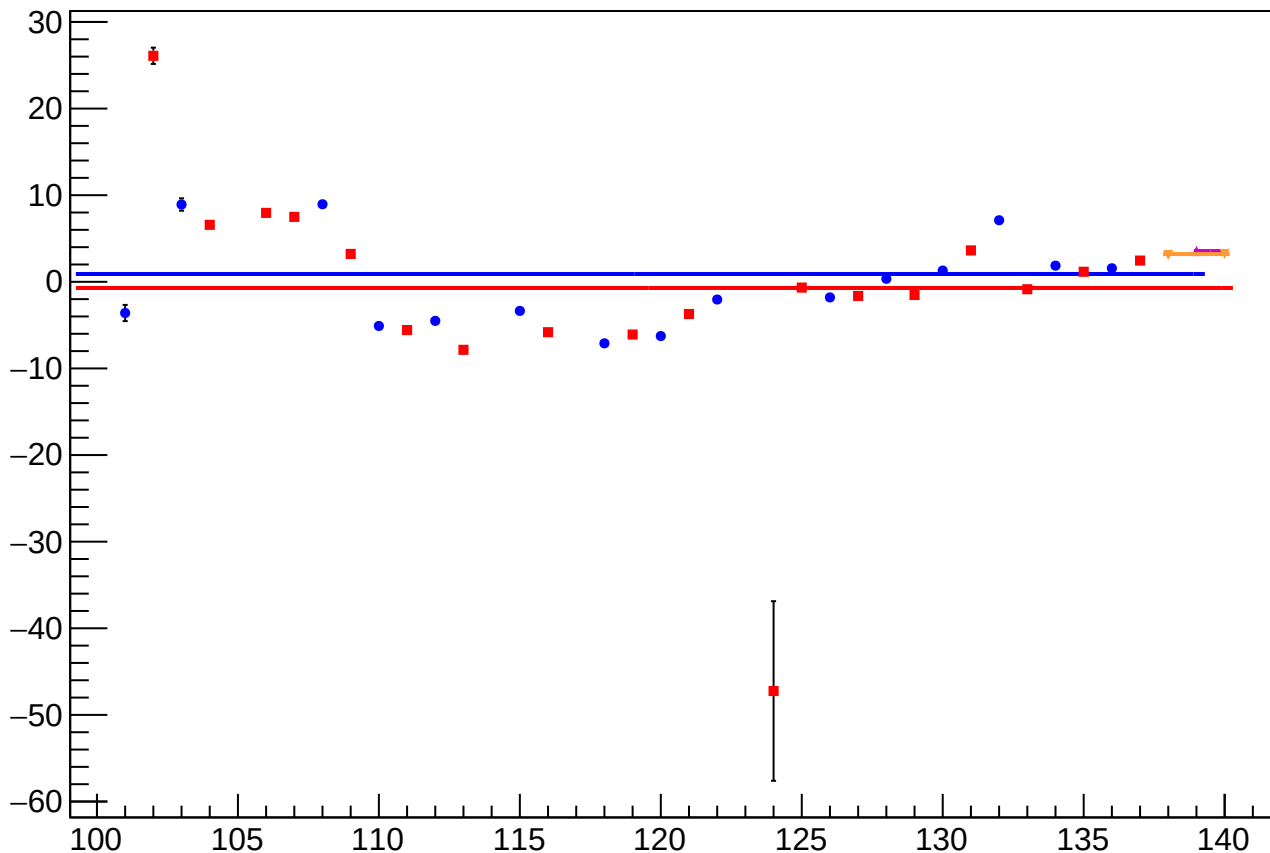
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -42.406 ± 0.014 $\chi^2/\text{NDF}: 27507.8/15$

Out: -43.198 ± 0.017 $\chi^2/\text{NDF}: 11064.4/19$

All: -42.713 ± 0.011 $\chi^2/\text{NDF}: 39900.7/35$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 3.205 ± 0.029 χ^2/NDF : 1.3/1

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.553 ± 0.056 χ^2/NDF : 0.0/0

Left: 3.277 ± 0.025 χ^2/NDF : 32.2/2

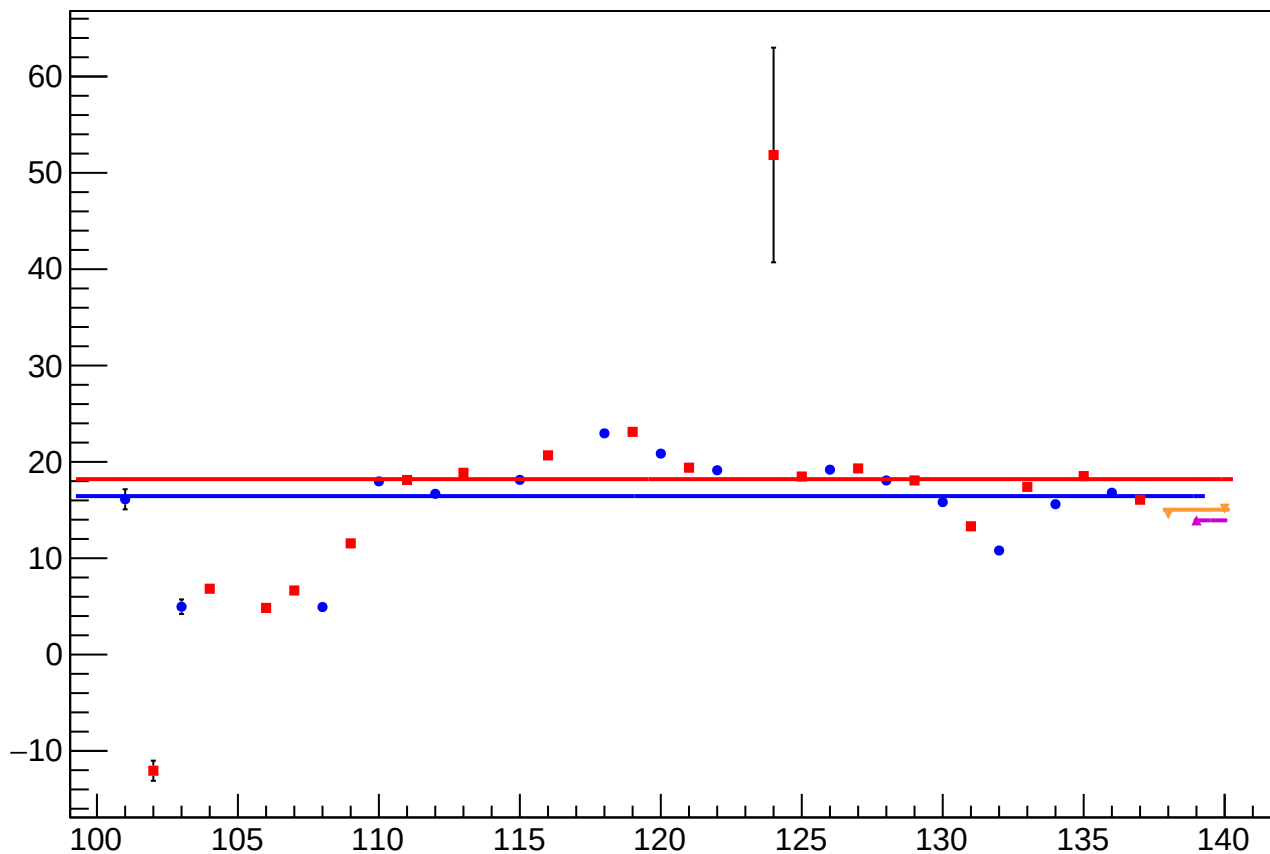
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 1.206 ± 0.019 χ^2/NDF : 23139.2/15

Out: 0.932 ± 0.019 χ^2/NDF : 41618.6/19

All: 1.066 ± 0.013 χ^2/NDF : 64865.9/35

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 15.036 ± 0.041 $\chi^2/\text{NDF}: 29.0/1$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 13.930 ± 0.048 $\chi^2/\text{NDF}: 0.0/0$

Left: 14.565 ± 0.031 $\chi^2/\text{NDF}: 333.9/2$

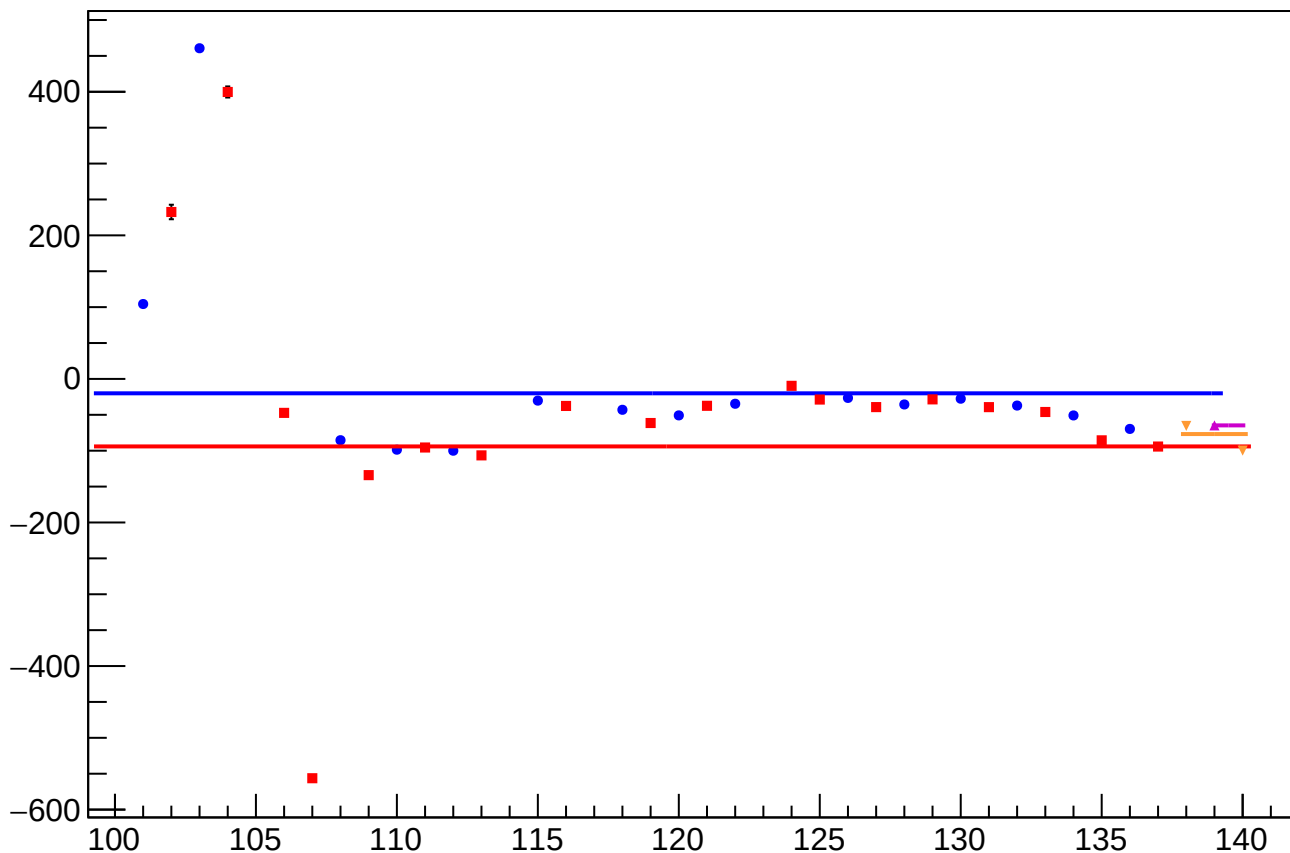
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 15.930 ± 0.022 $\chi^2/\text{NDF}: 16371.0/15$

Out: 17.584 ± 0.018 $\chi^2/\text{NDF}: 32258.0/19$

All: 16.897 ± 0.014 $\chi^2/\text{NDF}: 52012.3/35$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -76.816 ± 0.313 χ^2/NDF : 2656.2/1

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -64.739 ± 0.684 χ^2/NDF : 0.0/0

Left: -74.724 ± 0.285 χ^2/NDF : 2913.7/2

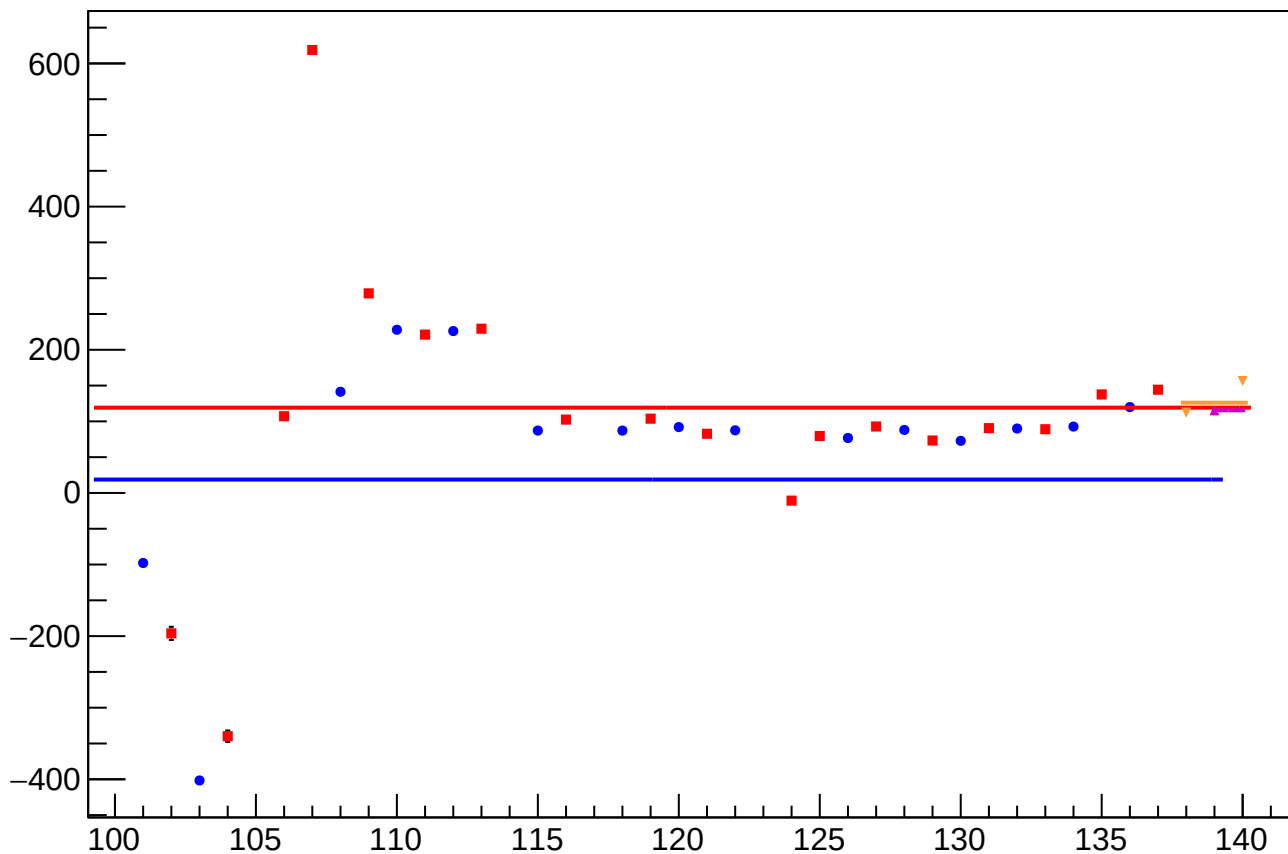
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -22.189 ± 0.149 χ^2/NDF : 445521.2/15

Out: -94.023 ± 0.012 χ^2/NDF : 93165.5/19

All: -93.530 ± 0.012 χ^2/NDF : 768125.3/35

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 126.085+/-0.318 χ^2/NDF : 4141.4/1

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 115.470+/-0.697 χ^2/NDF : 0.0/0

Left: 124.258+/-0.289 χ^2/NDF : 4333.6/2

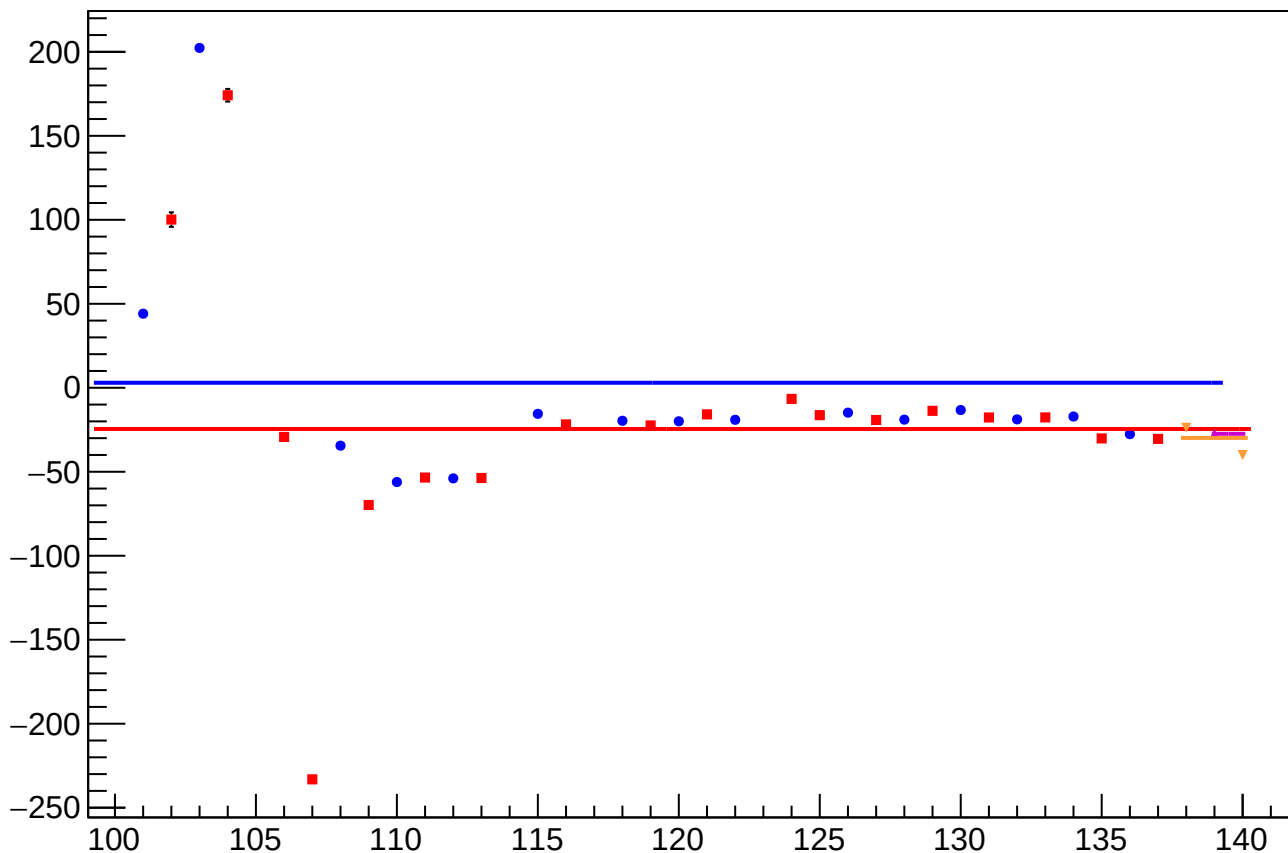
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 23.131+/-0.149 χ^2/NDF : 1120208.5/15

Out: 121.121+/-0.169 χ^2/NDF : 91931.7/19

All: 65.908+/-0.112 χ^2/NDF : 1402018.9/35

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -29.855 ± 0.075 χ^2/NDF : 10979.5/1

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -27.401 ± 0.144 χ^2/NDF : 0.0/0

Left: -29.335 ± 0.066 χ^2/NDF : 11207.2/2

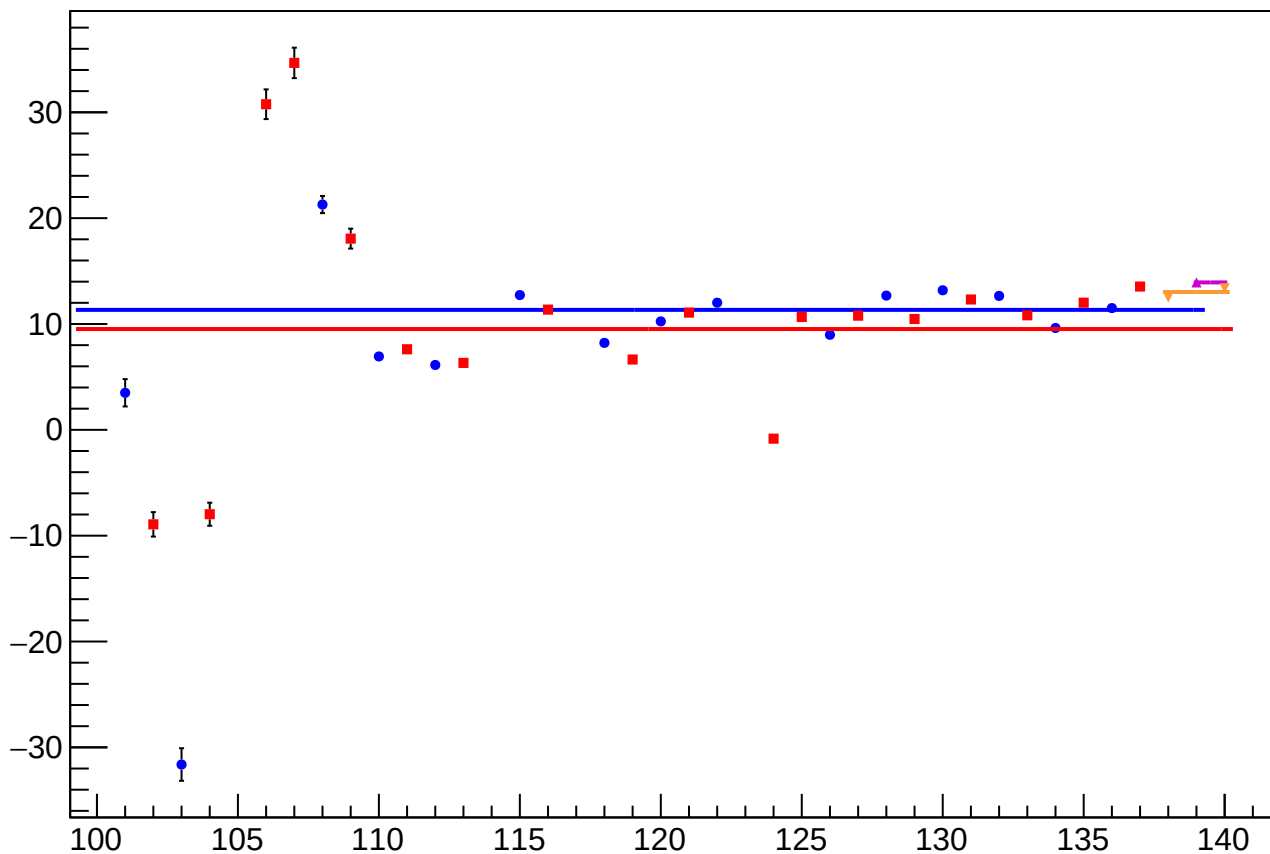
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: 1.972 ± 0.026 χ^2/NDF : 3539572.8/15

Out: -25.882 ± 0.038 χ^2/NDF : 191243.0/19

All: -7.210 ± 0.022 χ^2/NDF : 4096927.4/35

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 13.024+/-0.053 χ^2/NDF : 66.6/1

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 13.928+/-0.078 χ^2/NDF : 0.0/0

Left: 13.306+/-0.044 χ^2/NDF : 158.6/2

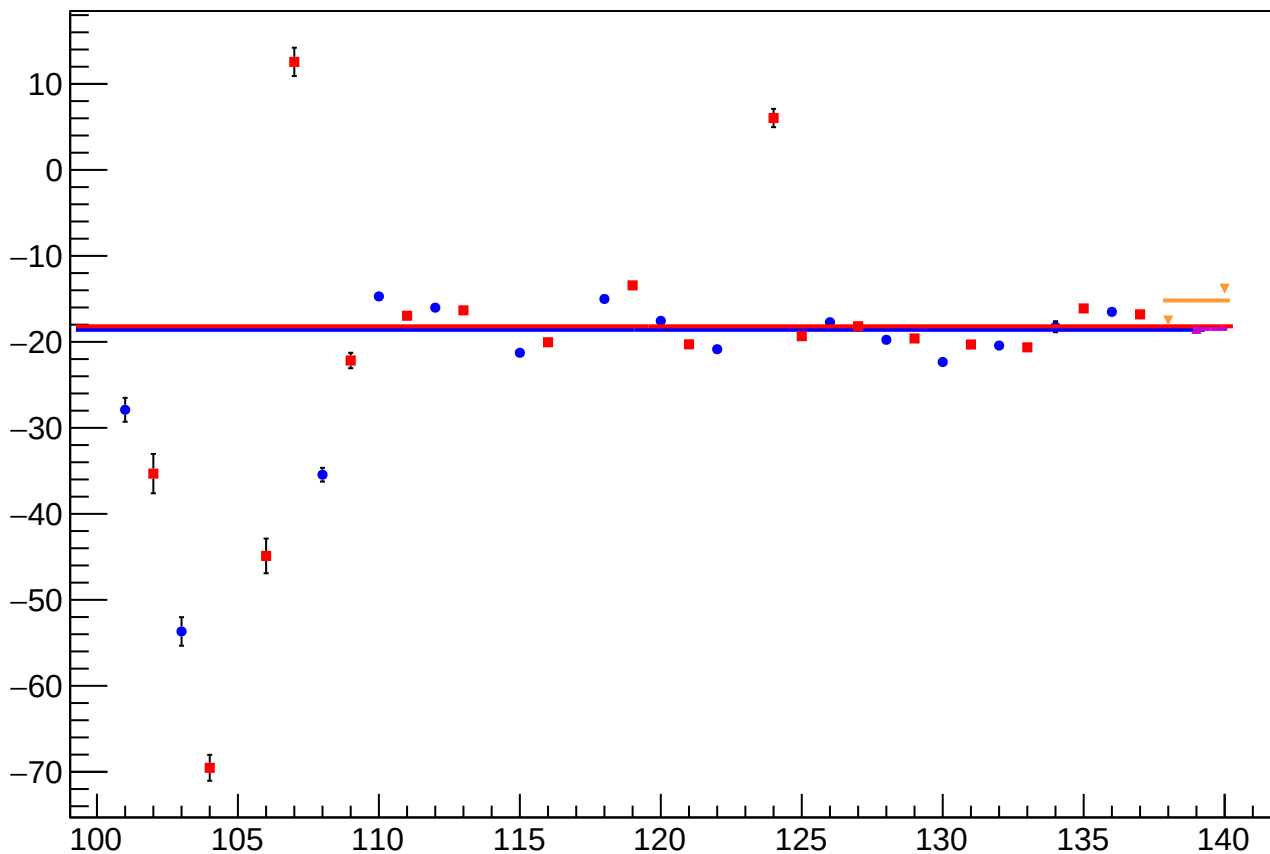
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 11.816+/-0.034 χ^2/NDF : 3301.9/15

Out: 11.113+/-0.035 χ^2/NDF : 6545.8/19

All: 11.483+/-0.024 χ^2/NDF : 10054.3/35

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -15.184 ± 0.073 $\chi^2/\text{NDF}: 600.8/1$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -18.490 ± 0.105 $\chi^2/\text{NDF}: 0.0/0$

Left: -16.266 ± 0.060 $\chi^2/\text{NDF}: 1272.3/2$

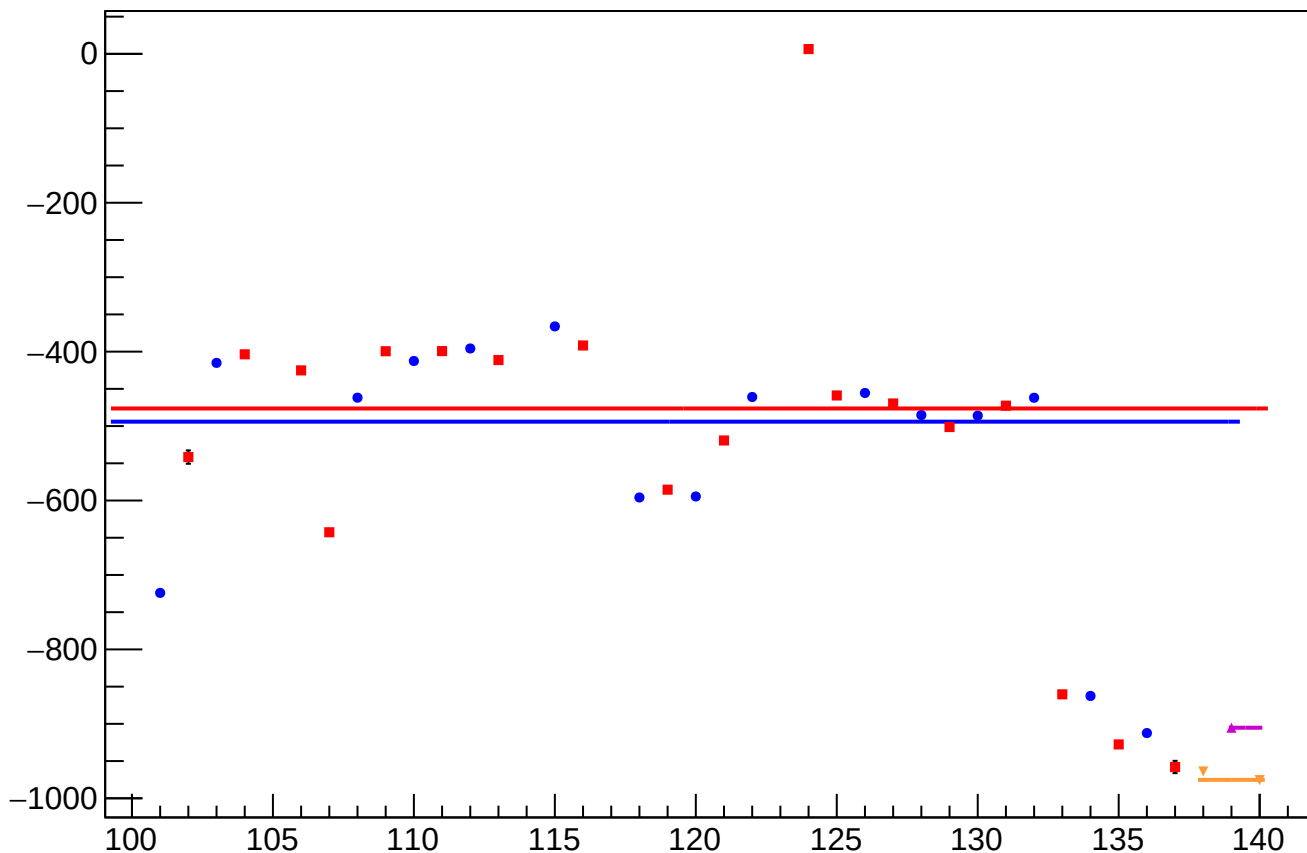
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.585 ± 0.035 $\chi^2/\text{NDF}: 6190.0/15$

Out: -17.244 ± 0.041 $\chi^2/\text{NDF}: 6643.8/19$

All: -18.018 ± 0.027 $\chi^2/\text{NDF}: 13453.4/35$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -975.267 ± 0.870 $\chi^2/\text{NDF}: 5.2/1$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -905.208 ± 1.044 $\chi^2/\text{NDF}: 0.0/0$

Left: -946.535 ± 0.668 $\chi^2/\text{NDF}: 2662.9/2$

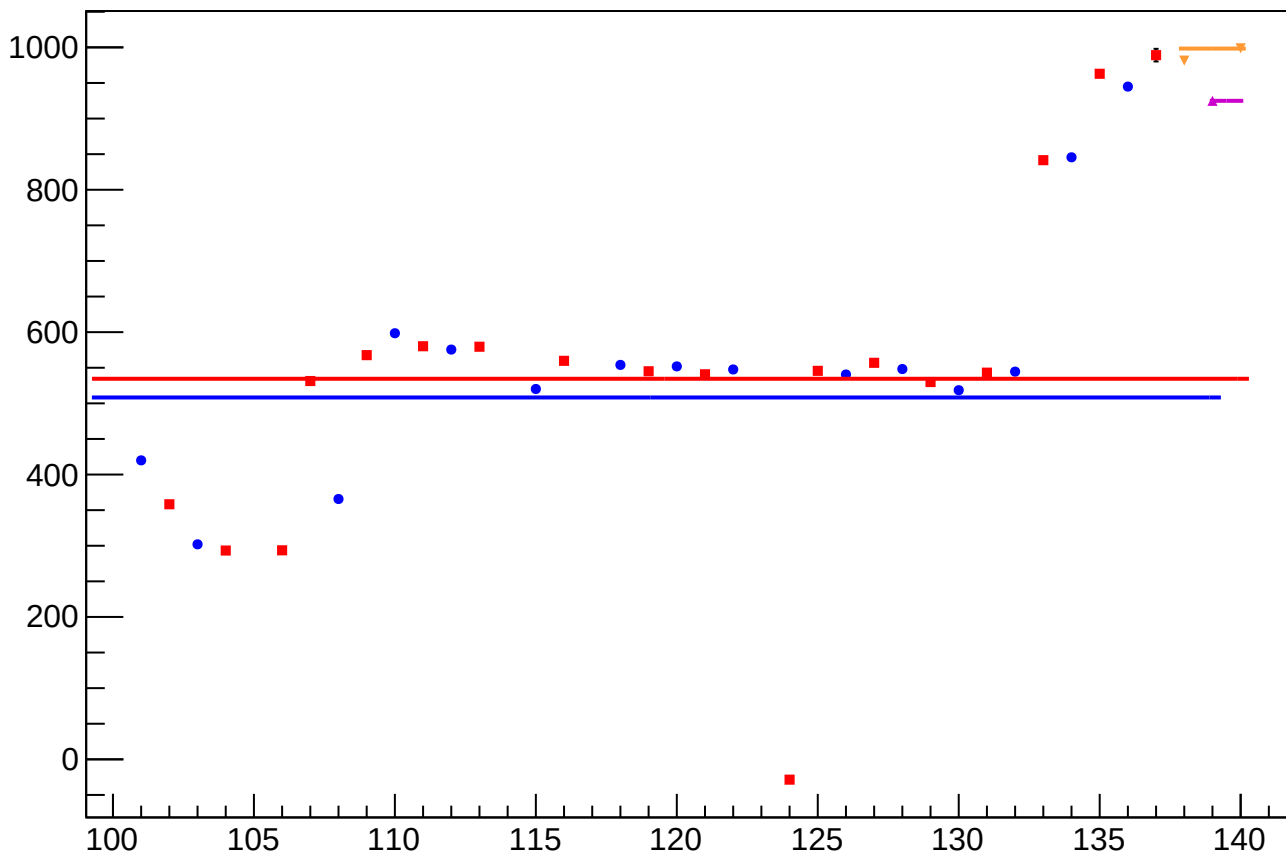
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -513.452 ± 0.227 $\chi^2/\text{NDF}: 473836.8/15$

Out: -497.947 ± 0.181 $\chi^2/\text{NDF}: 908550.4/19$

All: -503.991 ± 0.141 $\chi^2/\text{NDF}: 1385245.1/35$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 998.316+/-0.847 χ^2/NDF : 9.5/1

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 924.913+/-0.965 χ^2/NDF : 0.0/0

Left: 966.381+/-0.637 χ^2/NDF : 3277.2/2

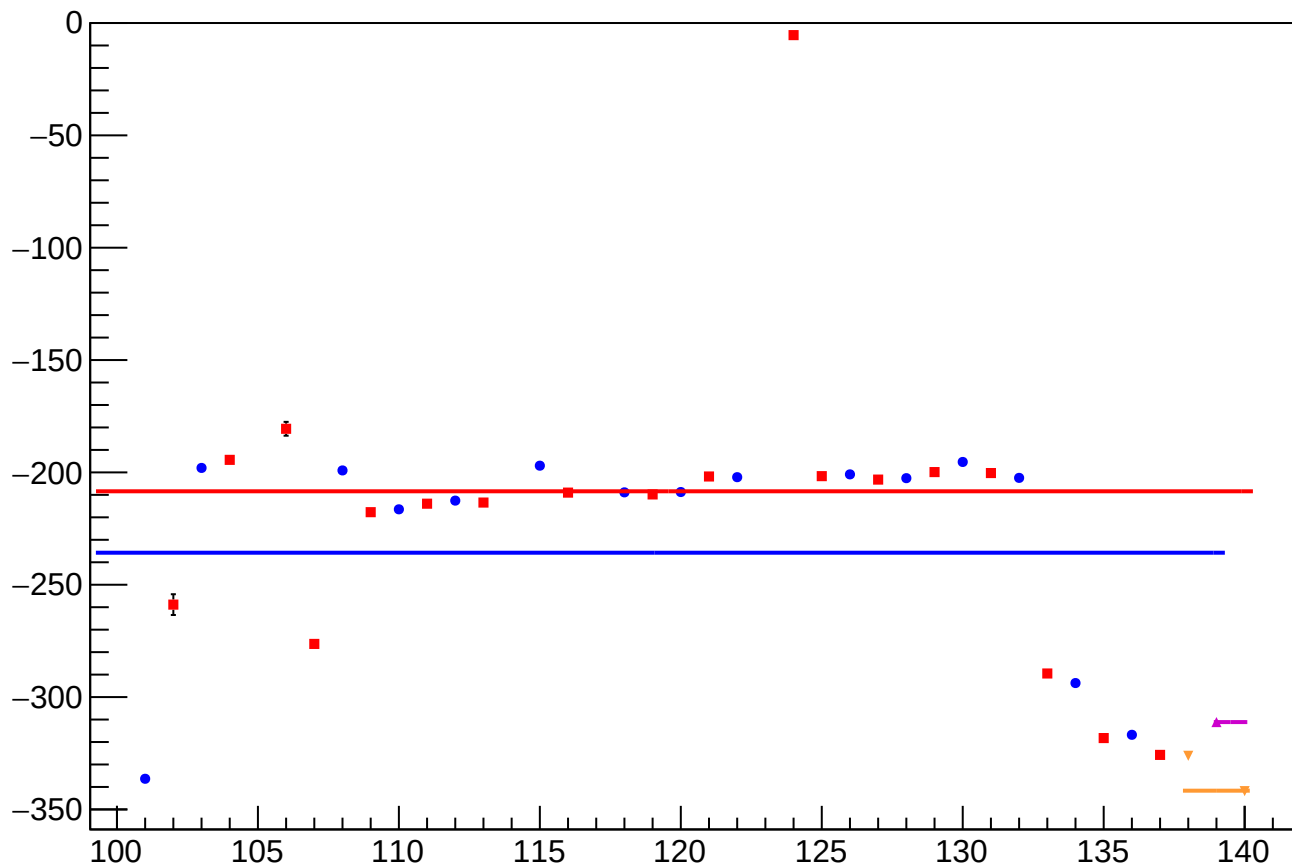
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 529.145+/-0.216 χ^2/NDF : 616515.5/15

Out: 563.147+/-0.210 χ^2/NDF : 649610.4/19

All: 546.599+/-0.151 χ^2/NDF : 1278840.8/35

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -341.657+/-0.196 χ^2/NDF : 81.7/1

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -311.125+/-0.198 χ^2/NDF : 0.0/0

Left: -326.520+/-0.140 χ^2/NDF : 12051.2/2

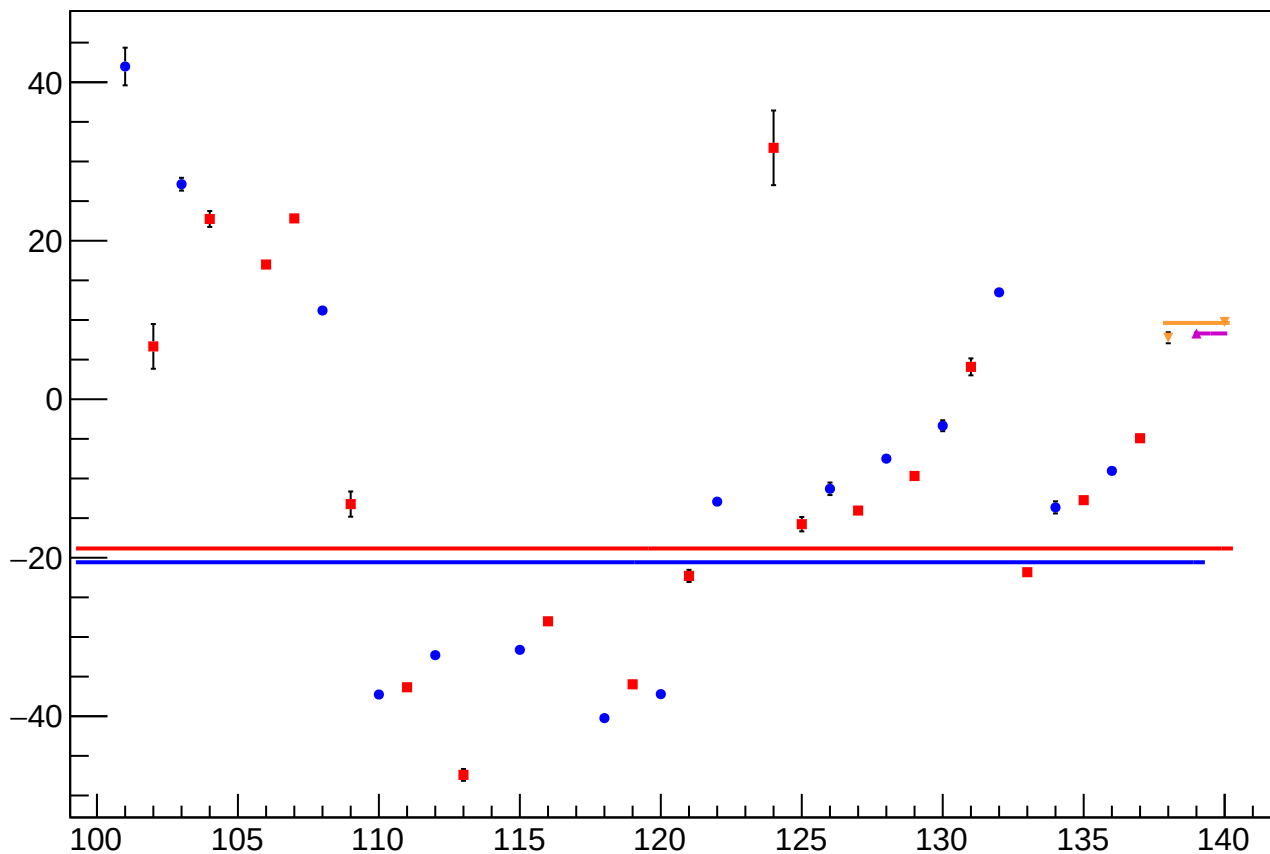
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -241.180+/-0.053 χ^2/NDF : 1010479.9/15

Out: -215.549+/-0.045 χ^2/NDF : 810279.4/19

All: -226.372+/-0.035 χ^2/NDF : 1954889.0/35

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 9.630 ± 0.172 $\chi^2/\text{NDF}: 7.7/1$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 8.300 ± 0.208 $\chi^2/\text{NDF}: 0.0/0$

Left: 9.090 ± 0.132 $\chi^2/\text{NDF}: 32.1/2$

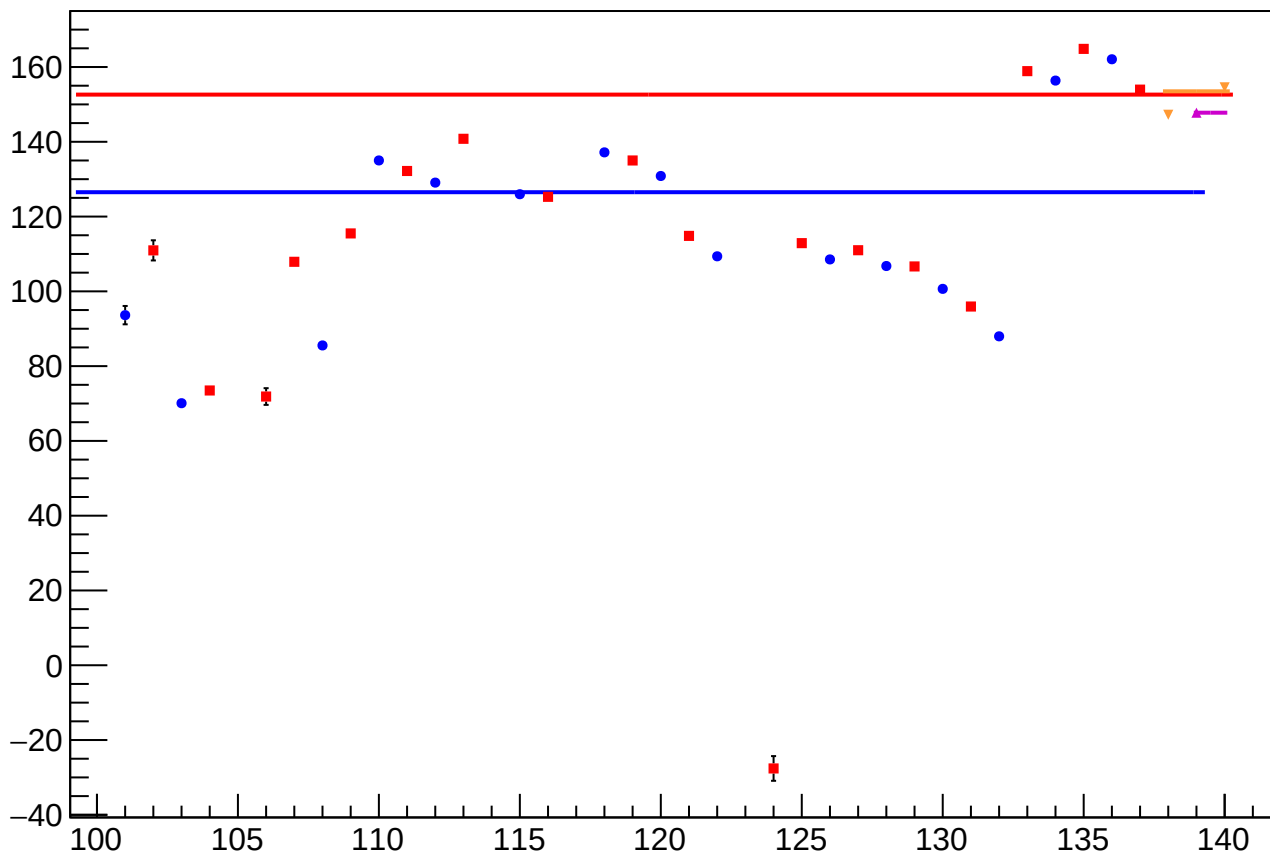
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: -17.520 ± 0.067 $\chi^2/\text{NDF}: 80700.8/15$

Out: -10.759 ± 0.091 $\chi^2/\text{NDF}: 40556.0/19$

All: -15.136 ± 0.054 $\chi^2/\text{NDF}: 124798.3/35$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 153.499 $\pm$ 0.220 χ^2 /NDF:137.9/1

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 147.781 $\pm$ 0.235 χ^2 /NDF:0.0/0

Left: 150.822 $\pm$ 0.161 χ^2 /NDF: 454.0/2

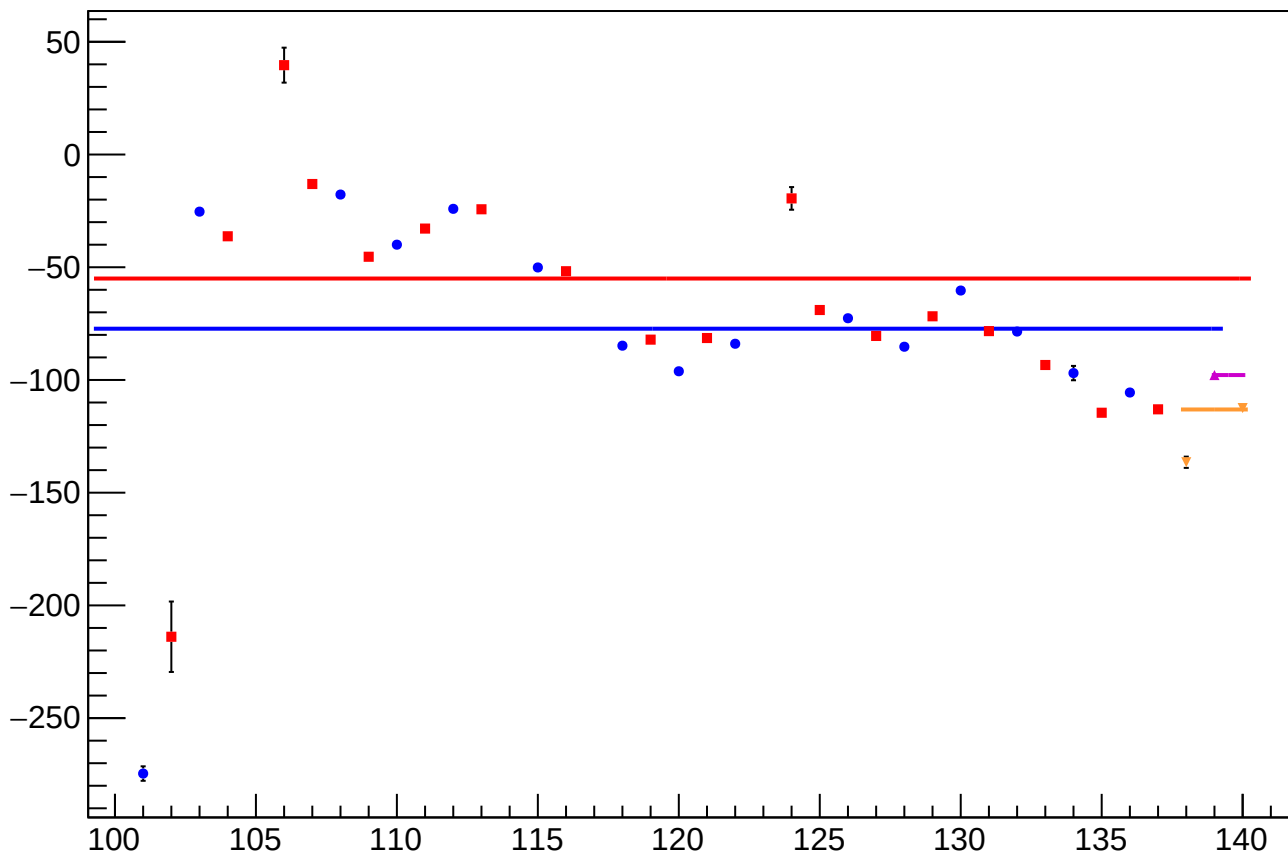
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 128.934 $\pm$ 0.079 χ^2 /NDF:122249.6/15

Out: 152.636 $\pm$ 0.030 χ^2 /NDF:74176.6/19

All: 149.643 $\pm$ 0.028 χ^2 /NDF: 274914.6/35

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -113.090 ± 0.400 $\chi^2/\text{NDF}: 90.1/1$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -97.821 ± 0.742 $\chi^2/\text{NDF}: 0.0/0$

Left: -109.651 ± 0.352 $\chi^2/\text{NDF}: 418.3/2$

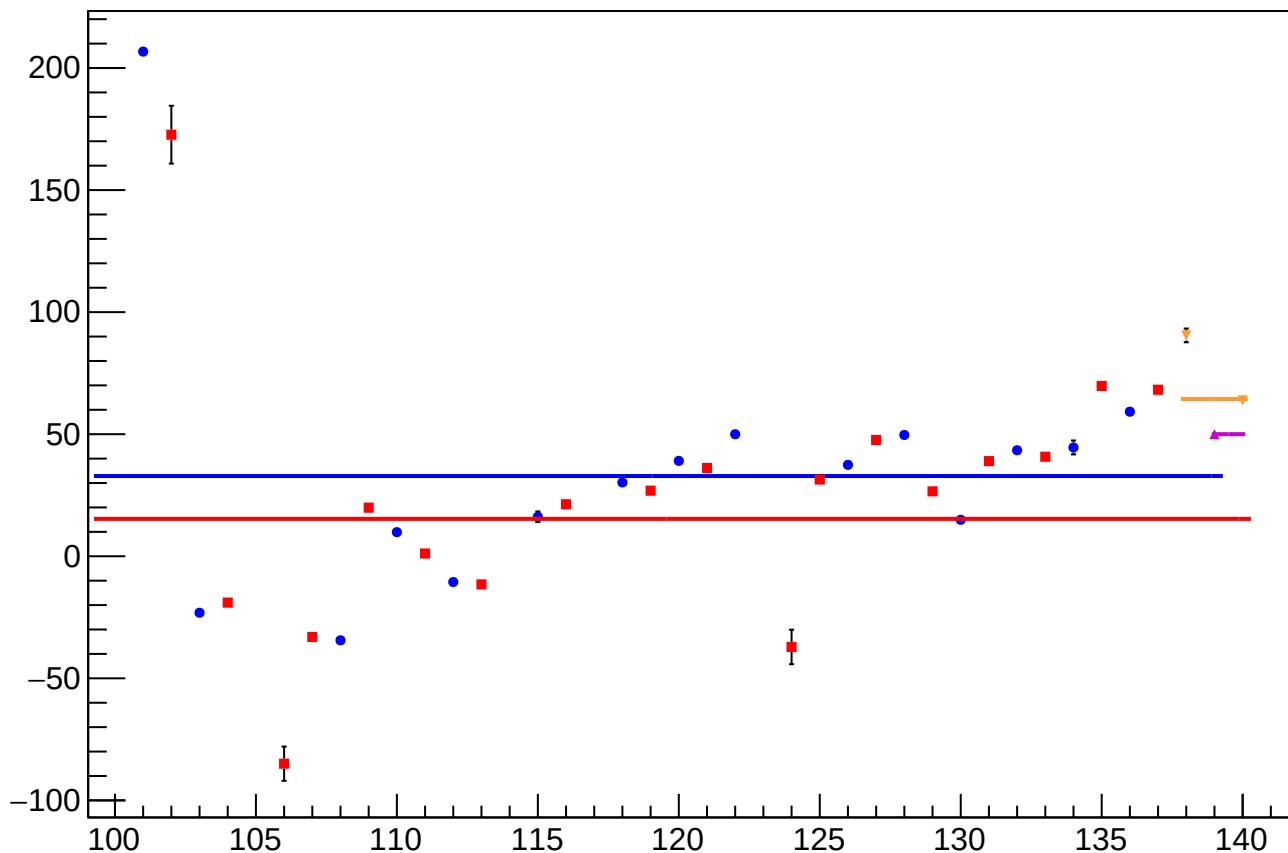
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -78.031 ± 0.144 $\chi^2/\text{NDF}: 31095.3/15$

Out: -65.719 ± 0.172 $\chi^2/\text{NDF}: 40910.6/19$

All: -72.965 ± 0.110 $\chi^2/\text{NDF}: 75027.5/35$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 64.412+/-0.404 χ^2/NDF :87.4/1

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 50.015+/-0.674 χ^2/NDF :0.0/0

Left: 60.600+/-0.347 χ^2/NDF : 423.1/2

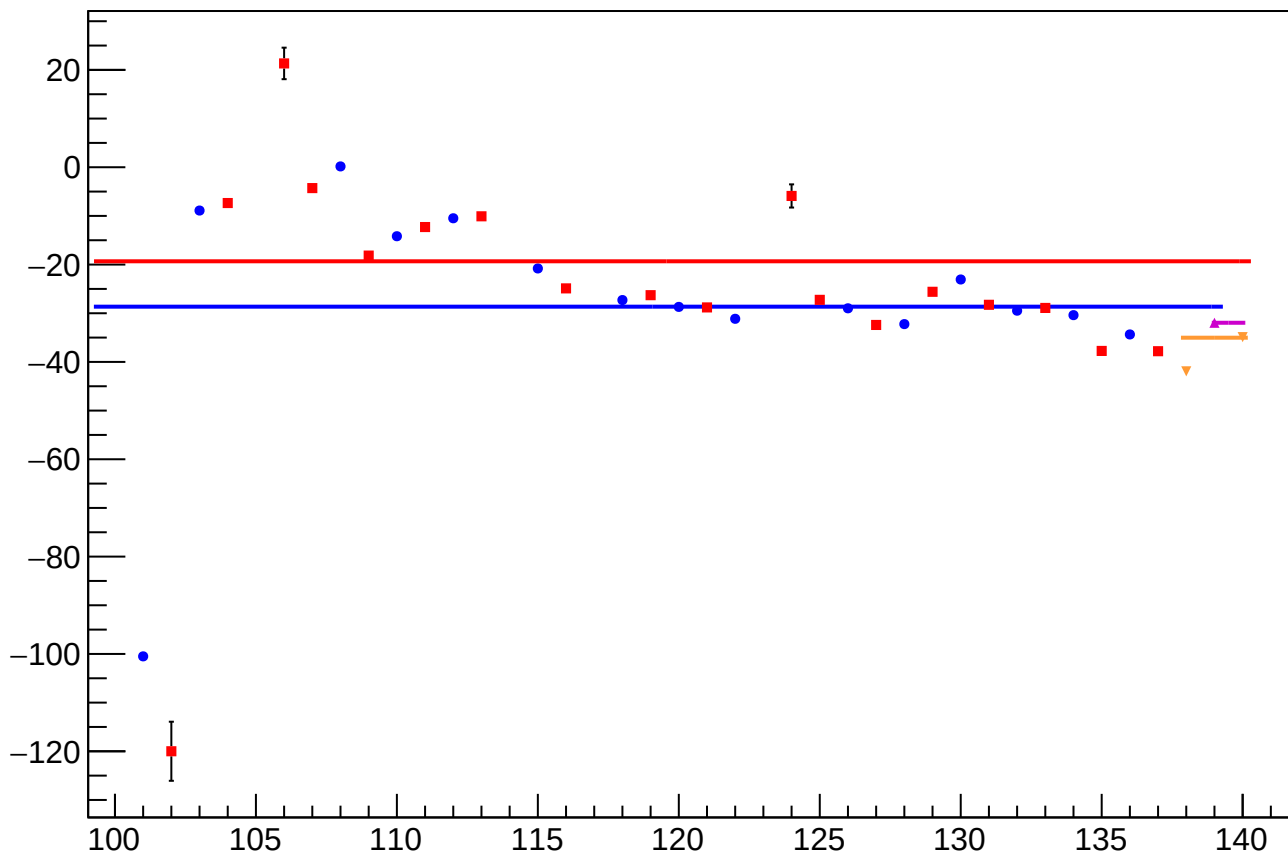
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 33.638+/-0.143 χ^2/NDF :32012.2/15

Out: 25.714+/-0.186 χ^2/NDF :28455.1/19

All: 30.704+/-0.113 χ^2/NDF : 61608.7/35

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -35.025 ± 0.113 $\chi^2/\text{NDF}: 63.1/1$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -31.956 ± 0.060 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.627 ± 0.053 $\chi^2/\text{NDF}: 639.2/2$

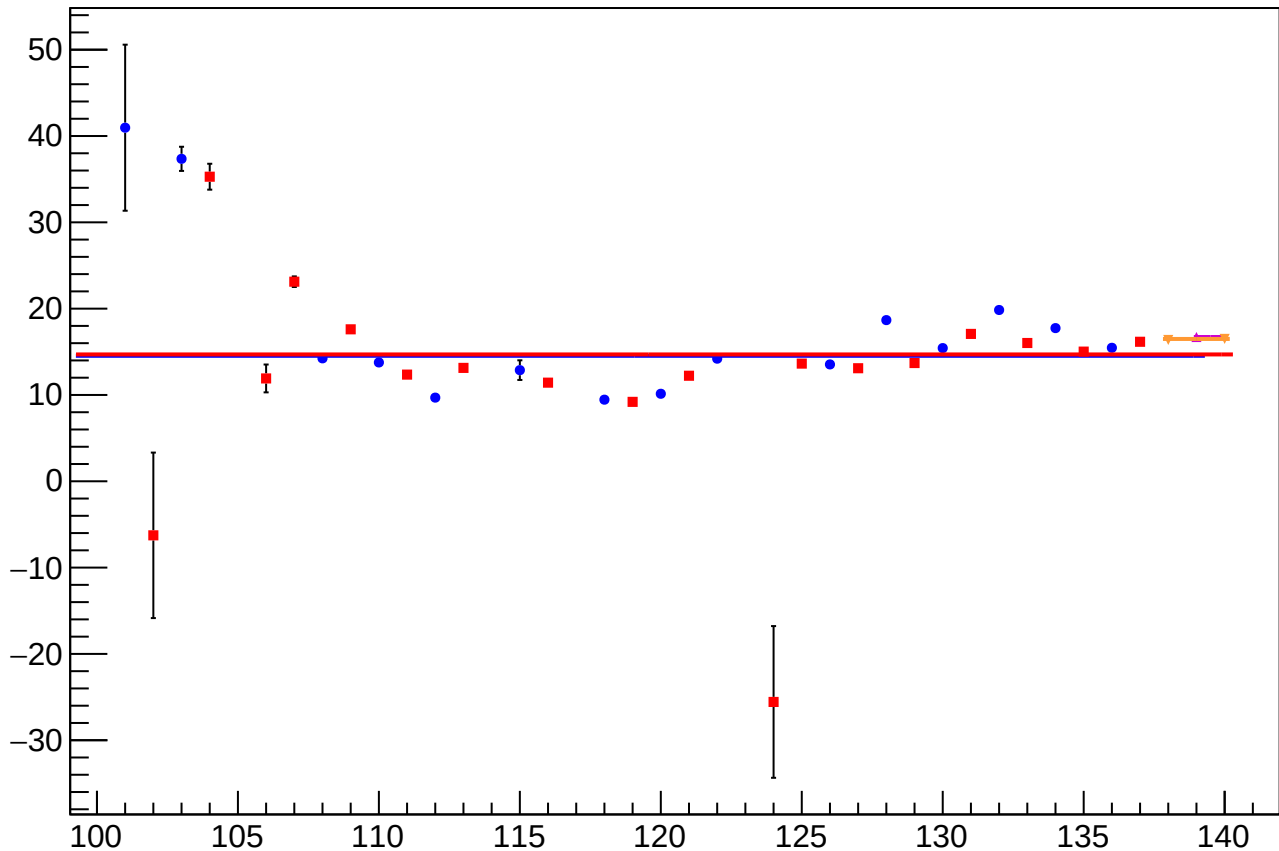
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -29.466 ± 0.030 $\chi^2/\text{NDF}: 115745.2/15$

Out: -21.023 ± 0.037 $\chi^2/\text{NDF}: 73856.1/19$

All: -26.171 ± 0.023 $\chi^2/\text{NDF}: 221070.6/35$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 16.488+/-0.048 χ^2/NDF : 0.3/1

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.714+/-0.085 χ^2/NDF : 0.0/0

Left: 16.544+/-0.042 χ^2/NDF : 5.7/2

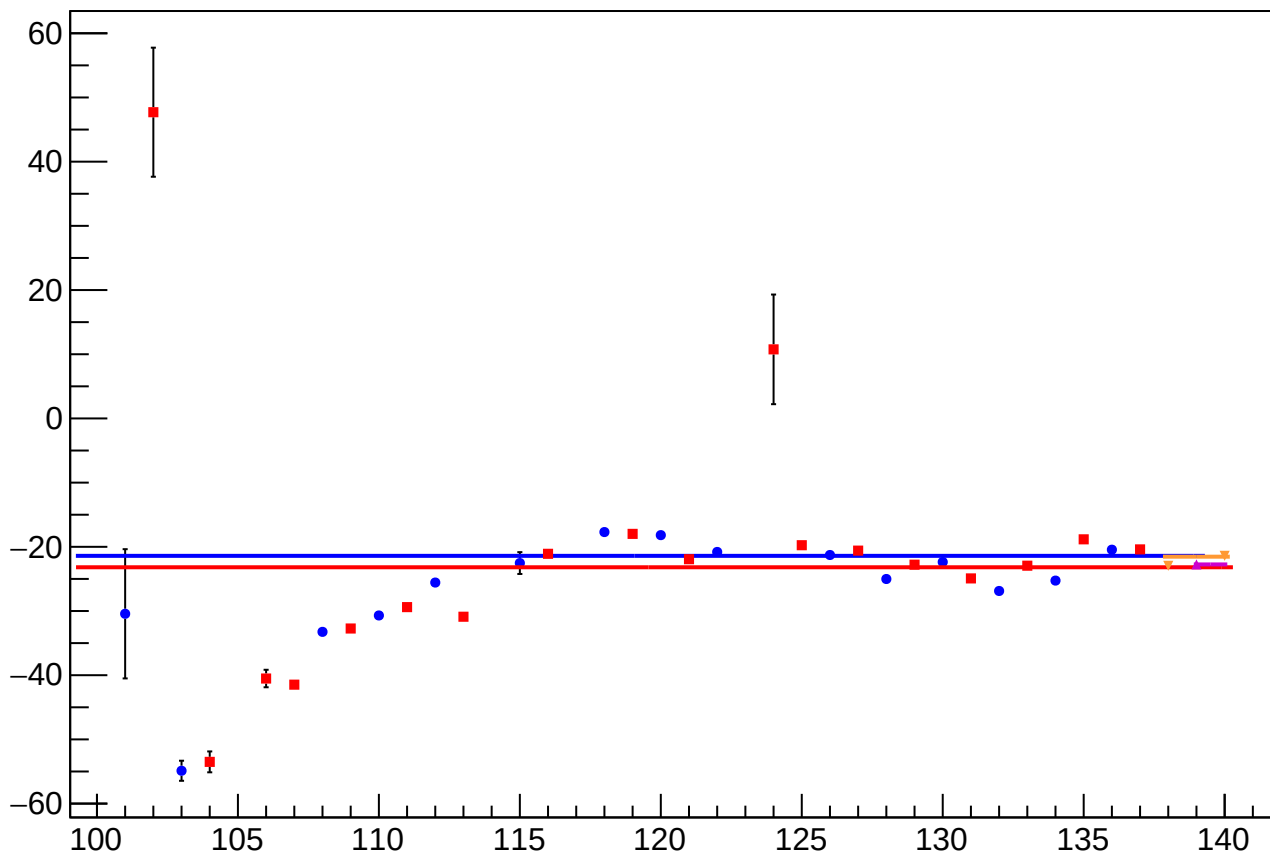
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.779+/-0.028 χ^2/NDF : 12659.2/15

Out: 15.500+/-0.032 χ^2/NDF : 2396.2/19

All: 15.090+/-0.021 χ^2/NDF : 15339.3/35

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.536 ± 0.072 $\chi^2/\text{NDF}: 37.0/1$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -22.744 ± 0.097 $\chi^2/\text{NDF}: 0.0/0$

Left: -21.962 ± 0.058 $\chi^2/\text{NDF}: 136.4/2$

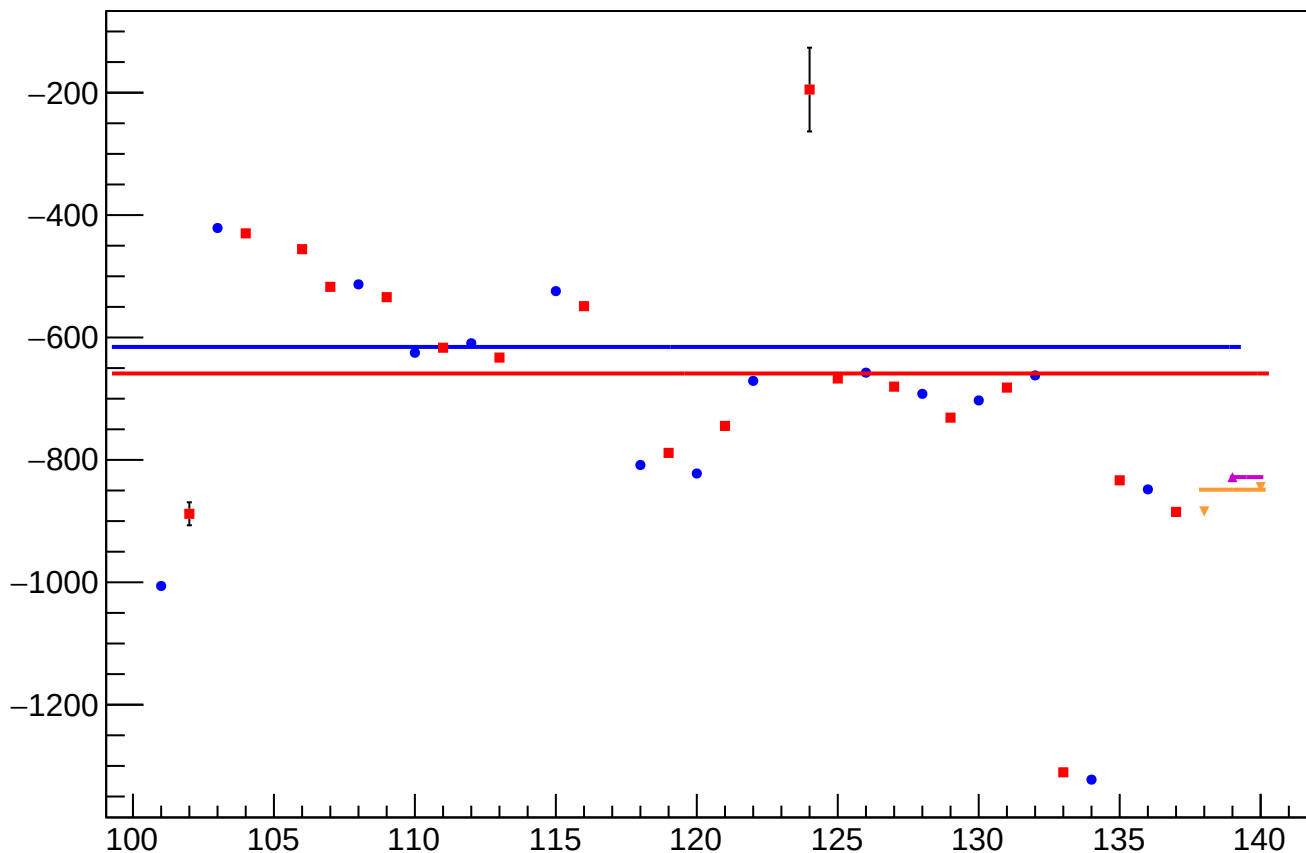
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.563 ± 0.033 $\chi^2/\text{NDF}: 9852.9/15$

Out: -22.632 ± 0.042 $\chi^2/\text{NDF}: 9513.4/19$

All: -21.982 ± 0.026 $\chi^2/\text{NDF}: 19767.0/35$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -848.661 ± 1.092 $\chi^2/\text{NDF}: 125.1/1$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -828.121 ± 0.947 $\chi^2/\text{NDF}: 0.0/0$

Left: -836.943 ± 0.715 $\chi^2/\text{NDF}: 327.1/2$

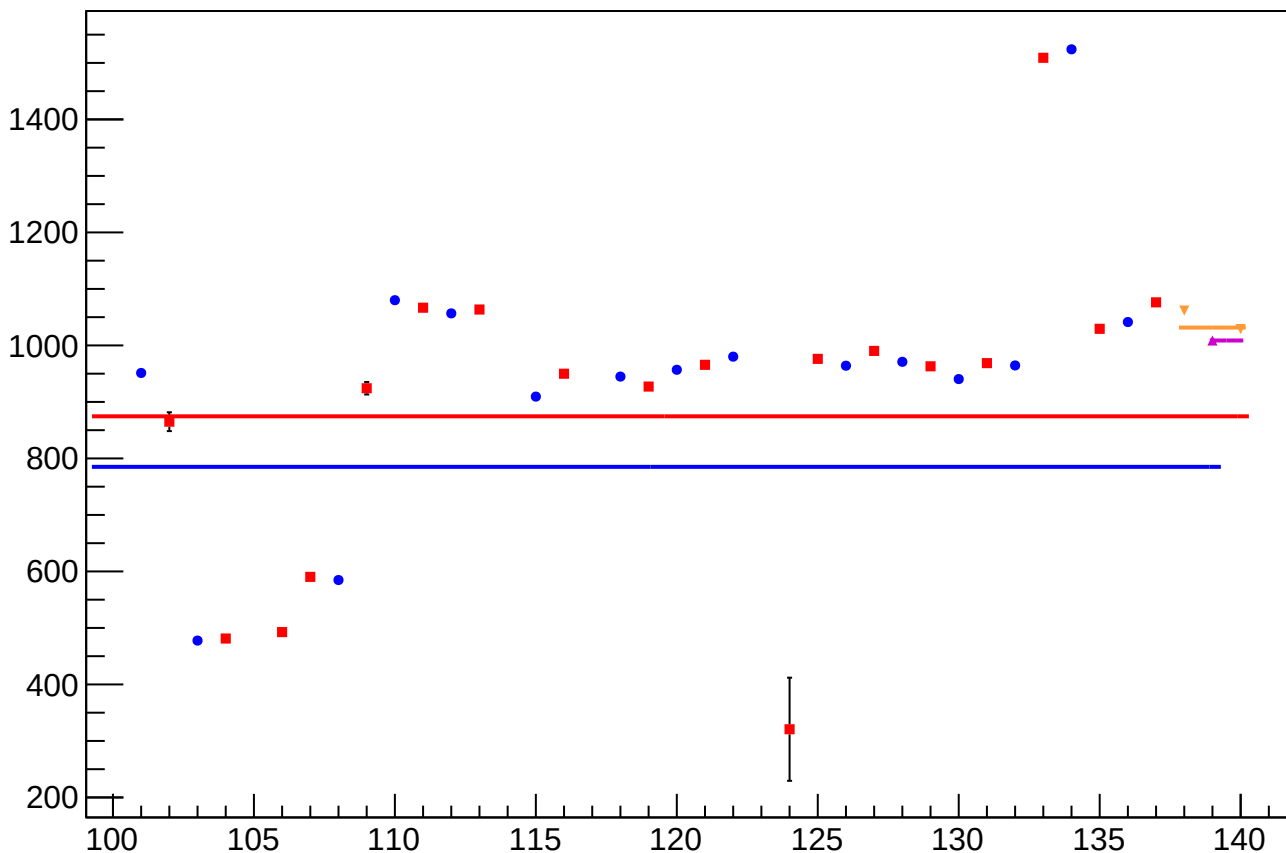
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -628.009 ± 0.230 $\chi^2/\text{NDF}: 430252.4/15$

Out: -668.705 ± 0.250 $\chi^2/\text{NDF}: 414054.8/19$

All: -646.744 ± 0.169 $\chi^2/\text{NDF}: 858662.7/35$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1031.620+/-1.068 χ^2/NDF : 71.5/1

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1008.717+/-0.829 χ^2/NDF : 0.0/0

Left: 1017.323+/-0.655 χ^2/NDF : 358.6/2

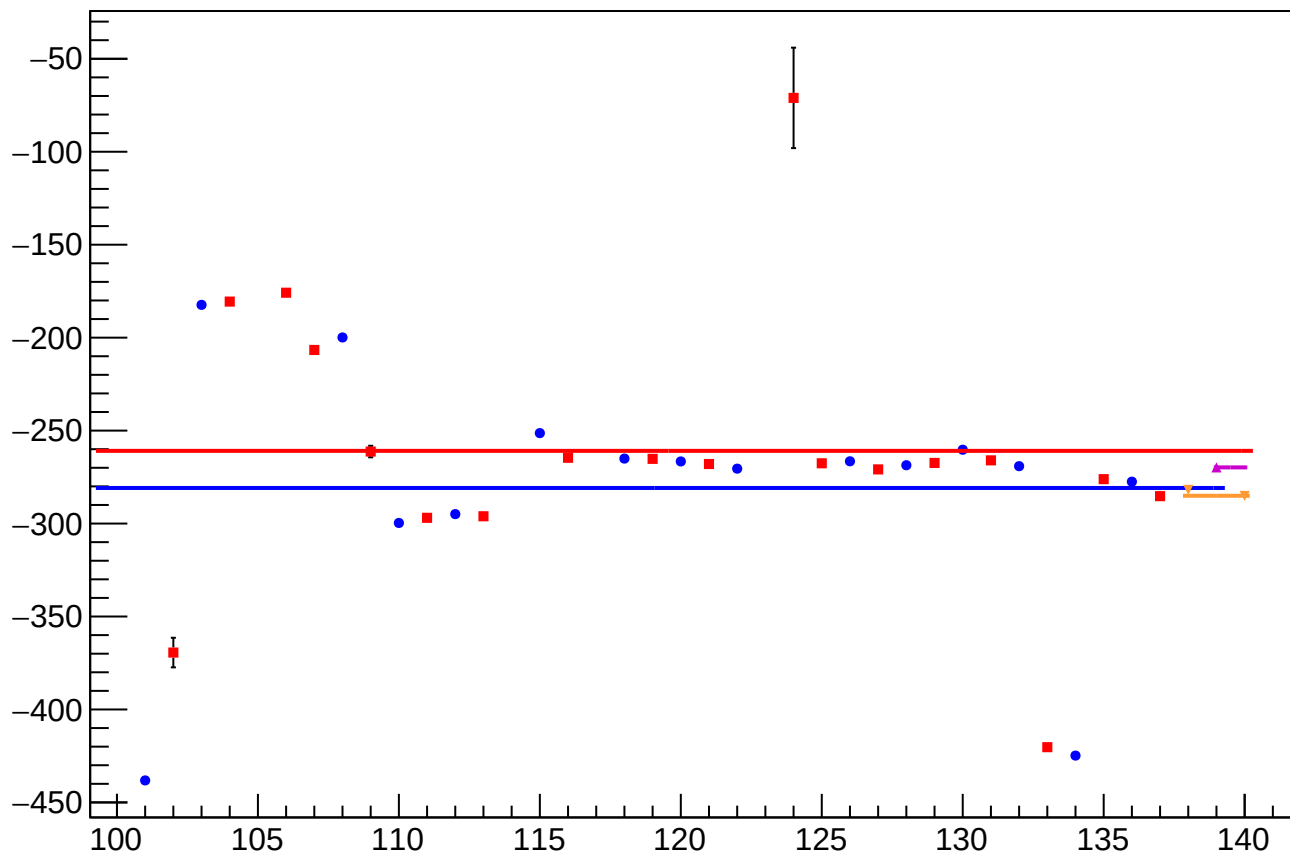
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 800.839+/-0.220 χ^2/NDF : 953848.0/15

Out: 883.385+/-0.254 χ^2/NDF : 863052.0/19

All: 836.231+/-0.166 χ^2/NDF : 1877337.3/35

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -285.055 ± 0.174 $\chi^2/\text{NDF}: 8.3/1$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -269.787 ± 0.088 $\chi^2/\text{NDF}: 0.0/0$

Left: -272.906 ± 0.078 $\chi^2/\text{NDF}: 6167.1/2$

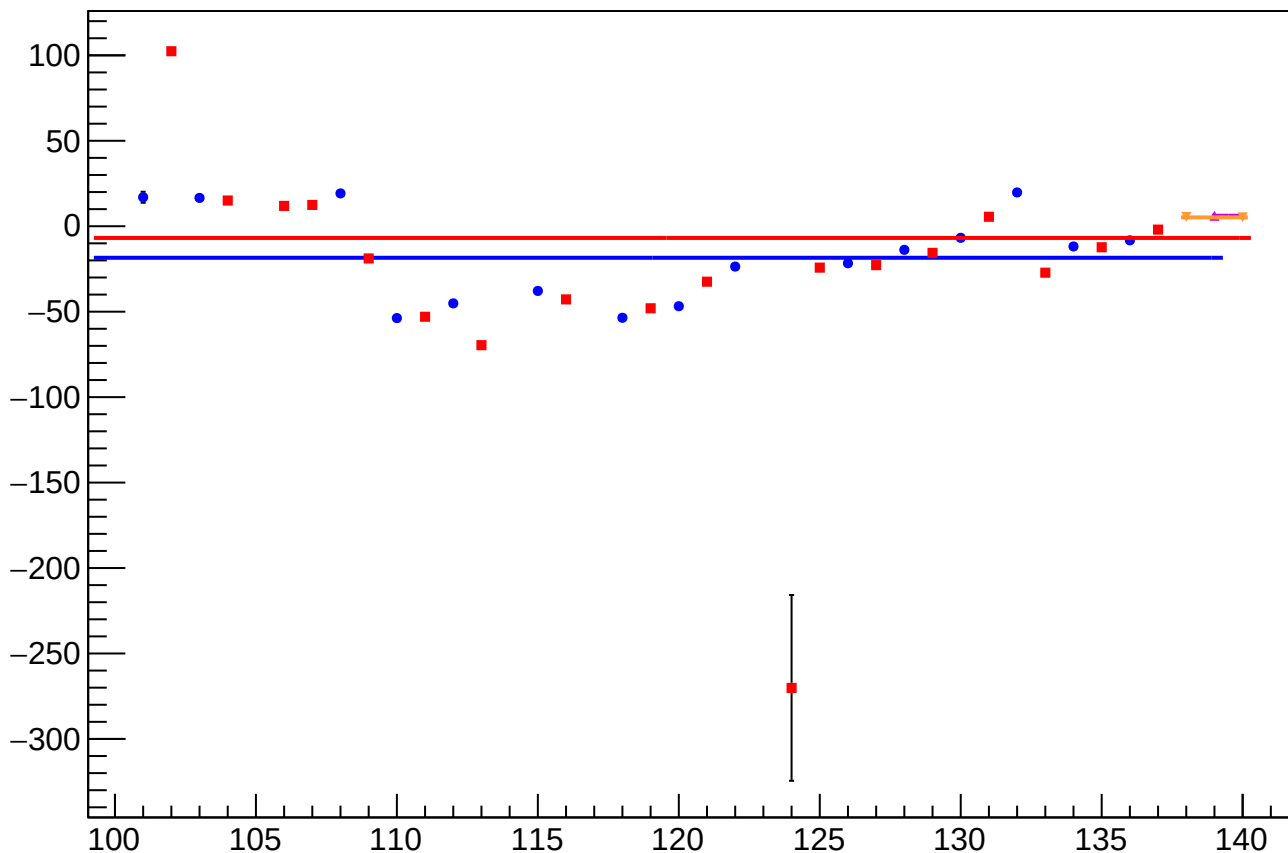
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -277.457 ± 0.049 $\chi^2/\text{NDF}: 884590.8/15$

Out: -264.076 ± 0.063 $\chi^2/\text{NDF}: 364553.8/19$

All: -272.445 ± 0.039 $\chi^2/\text{NDF}: 1277398.0/35$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 5.175 ± 0.120 $\chi^2/\text{NDF}: 0.2/1$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.147 ± 0.189 $\chi^2/\text{NDF}: 0.0/0$

Left: 5.454 ± 0.101 $\chi^2/\text{NDF}: 19.0/2$

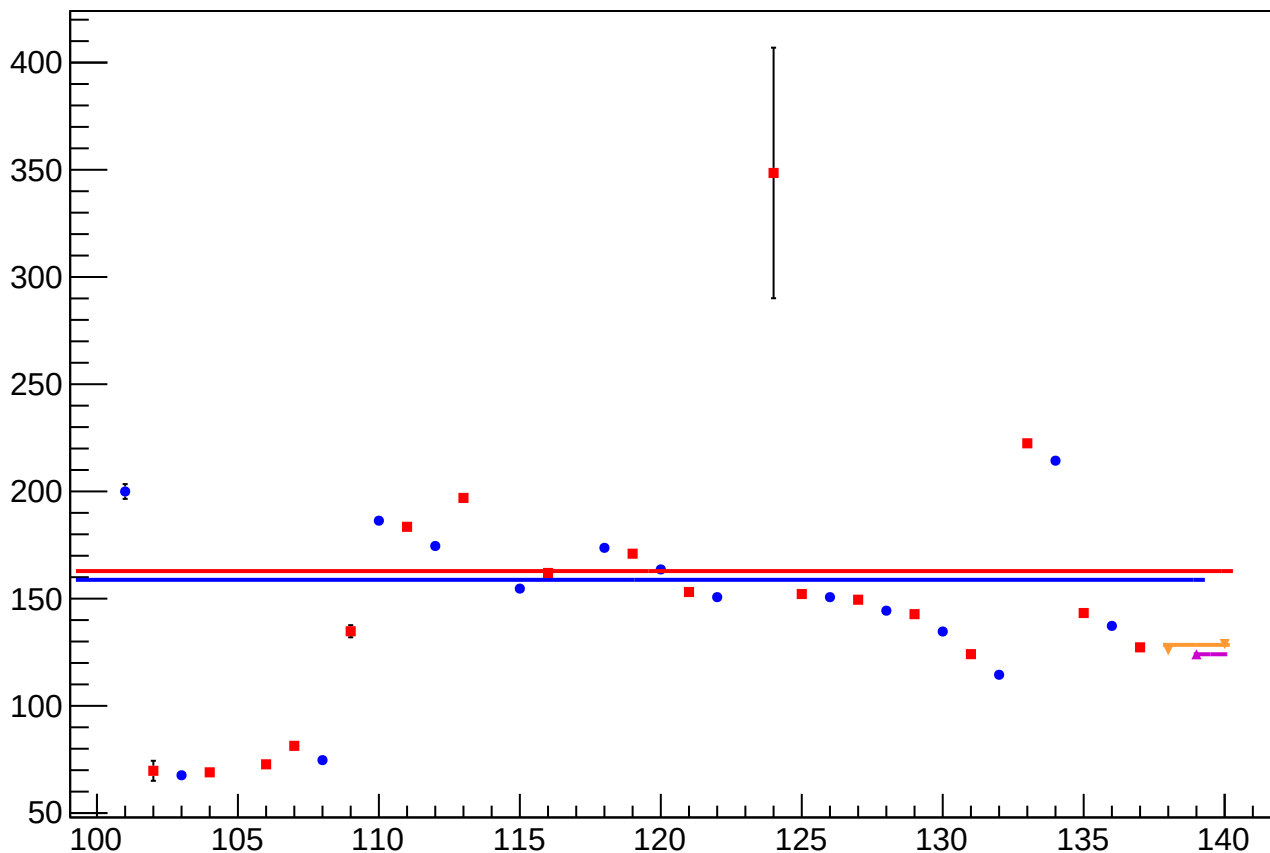
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -13.798 ± 0.082 $\chi^2/\text{NDF}: 60316.6/15$

Out: -4.146 ± 0.057 $\chi^2/\text{NDF}: 57795.9/19$

All: -7.271 ± 0.047 $\chi^2/\text{NDF}: 127439.1/35$

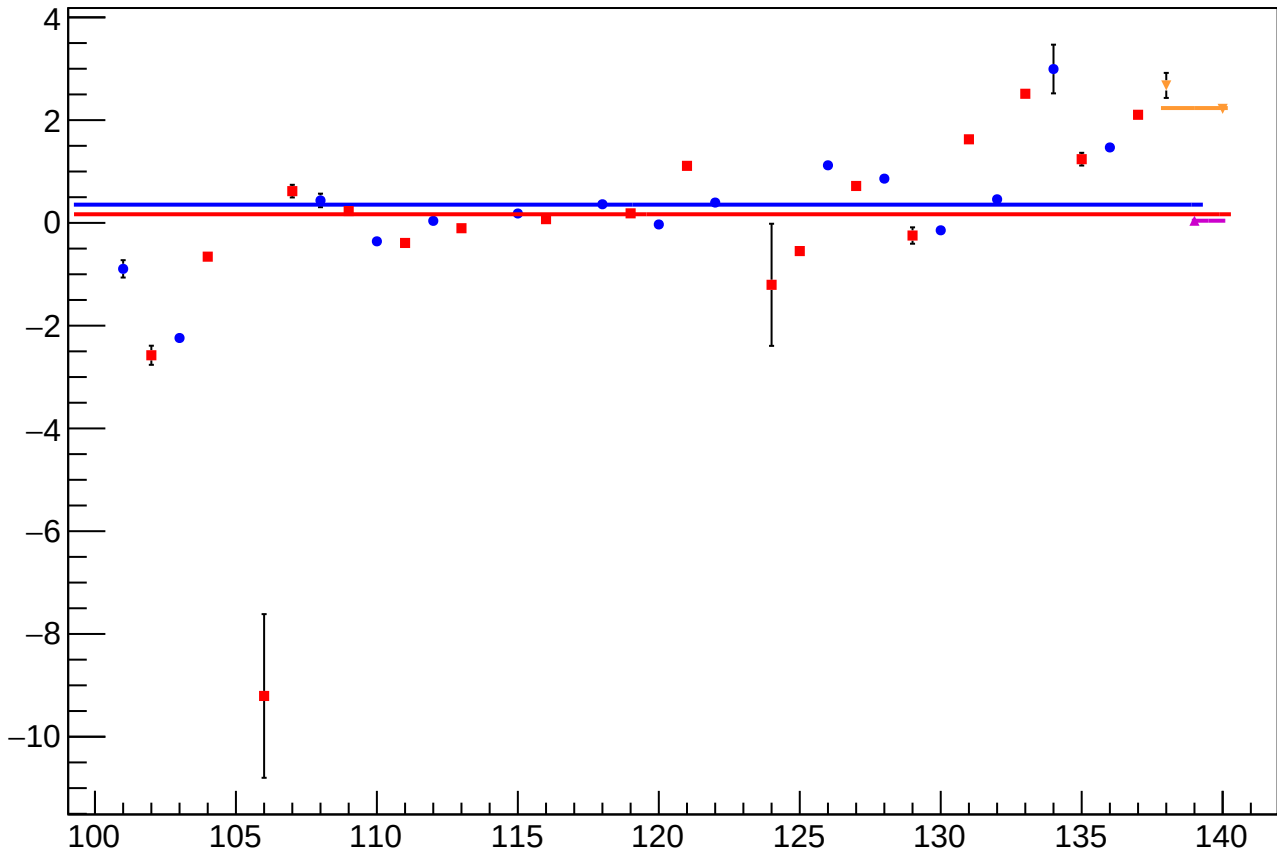
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 128.440 ± 0.167 χ^2/NDF : 35.0/1
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 124.059 ± 0.207 χ^2/NDF : 0.0/0

Left: 126.716 ± 0.130 χ^2/NDF : 306.3/2
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 153.435 ± 0.081 χ^2/NDF : 182772.8/15
 Out: 154.664 ± 0.081 χ^2/NDF : 188621.6/19
 All: 154.048 ± 0.058 χ^2/NDF : 371508.6/35

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 2.235 ± 0.045 χ^2/NDF : 3.4/1

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 0.042 ± 0.029 χ^2/NDF : 0.0/0

Left: 0.696 ± 0.025 χ^2/NDF : 1657.4/2

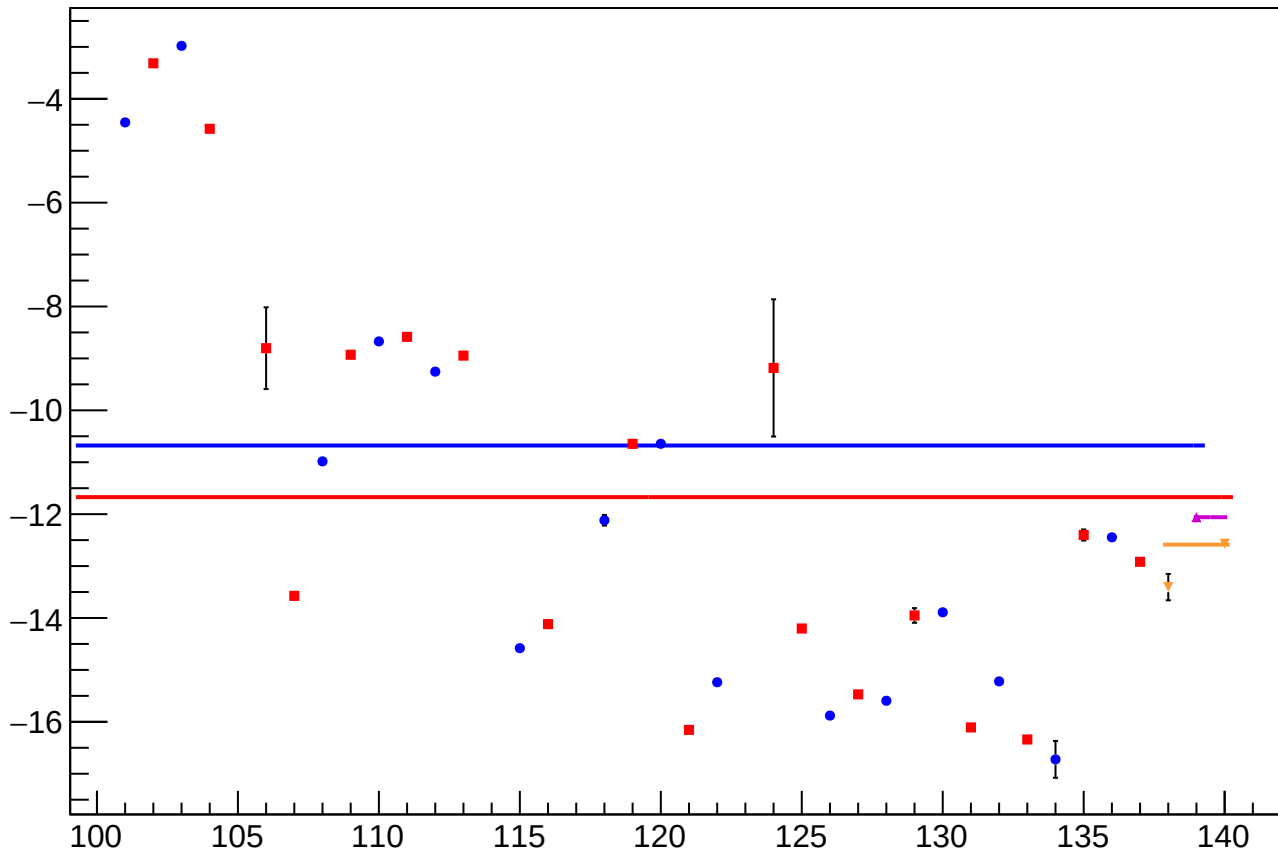
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.312 ± 0.011 χ^2/NDF : 4108.5/15

Out: 0.225 ± 0.008 χ^2/NDF : 6627.3/19

All: 0.253 ± 0.006 χ^2/NDF : 10778.3/35

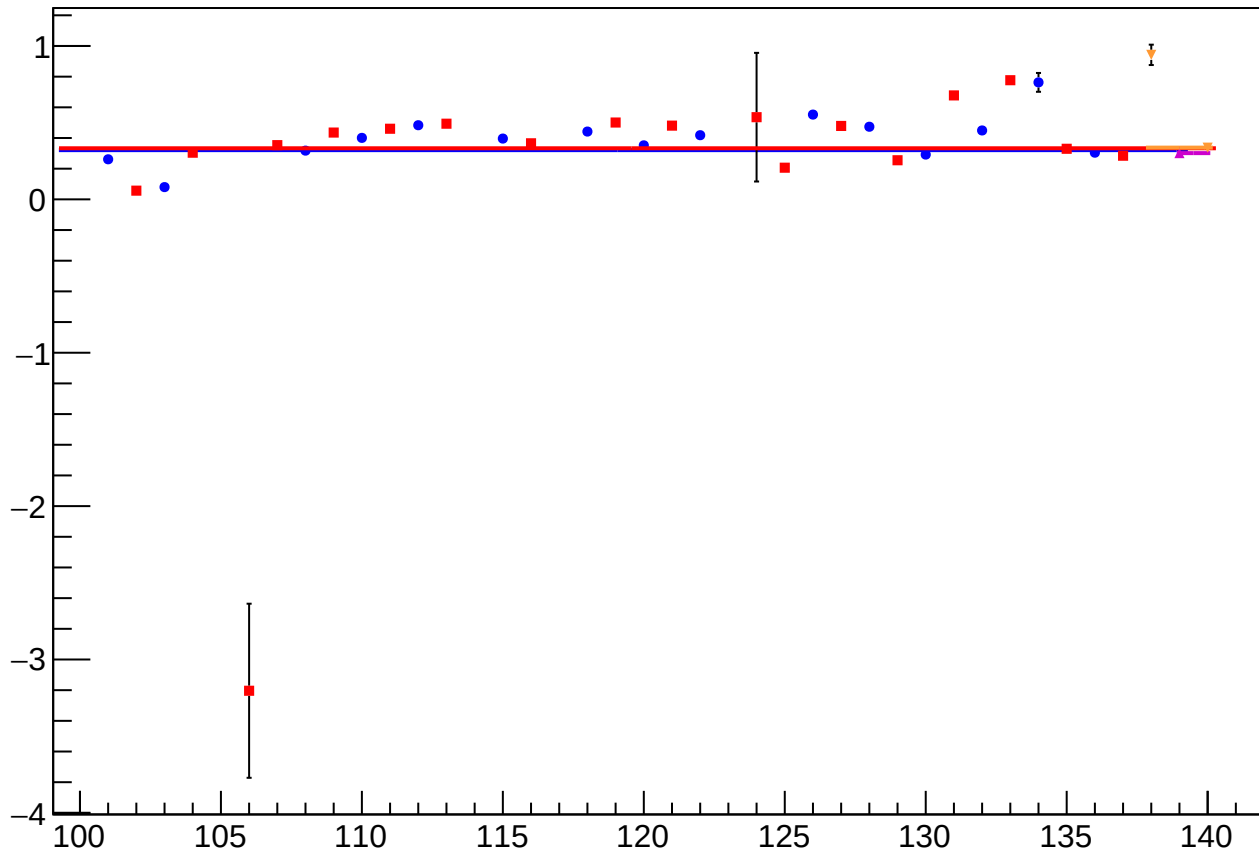
dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$
 Left Out: -12.587 ± 0.037 $\chi^2/\text{NDF}: 10.6/1$
 Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$
 Left In: -12.058 ± 0.089 $\chi^2/\text{NDF}: 0.0/0$

Left: -12.511 ± 0.034 $\chi^2/\text{NDF}: 40.7/2$
 Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$
 In: -10.696 ± 0.010 $\chi^2/\text{NDF}: 227028.4/15$
 Out: -11.756 ± 0.011 $\chi^2/\text{NDF}: 108425.0/19$
 All: -11.182 ± 0.008 $\chi^2/\text{NDF}: 340402.8/35$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.337 ± 0.001 $\chi^2/\text{NDF}: 83.1/1$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.301 ± 0.002 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.329 ± 0.001 $\chi^2/\text{NDF}: 252.6/2$

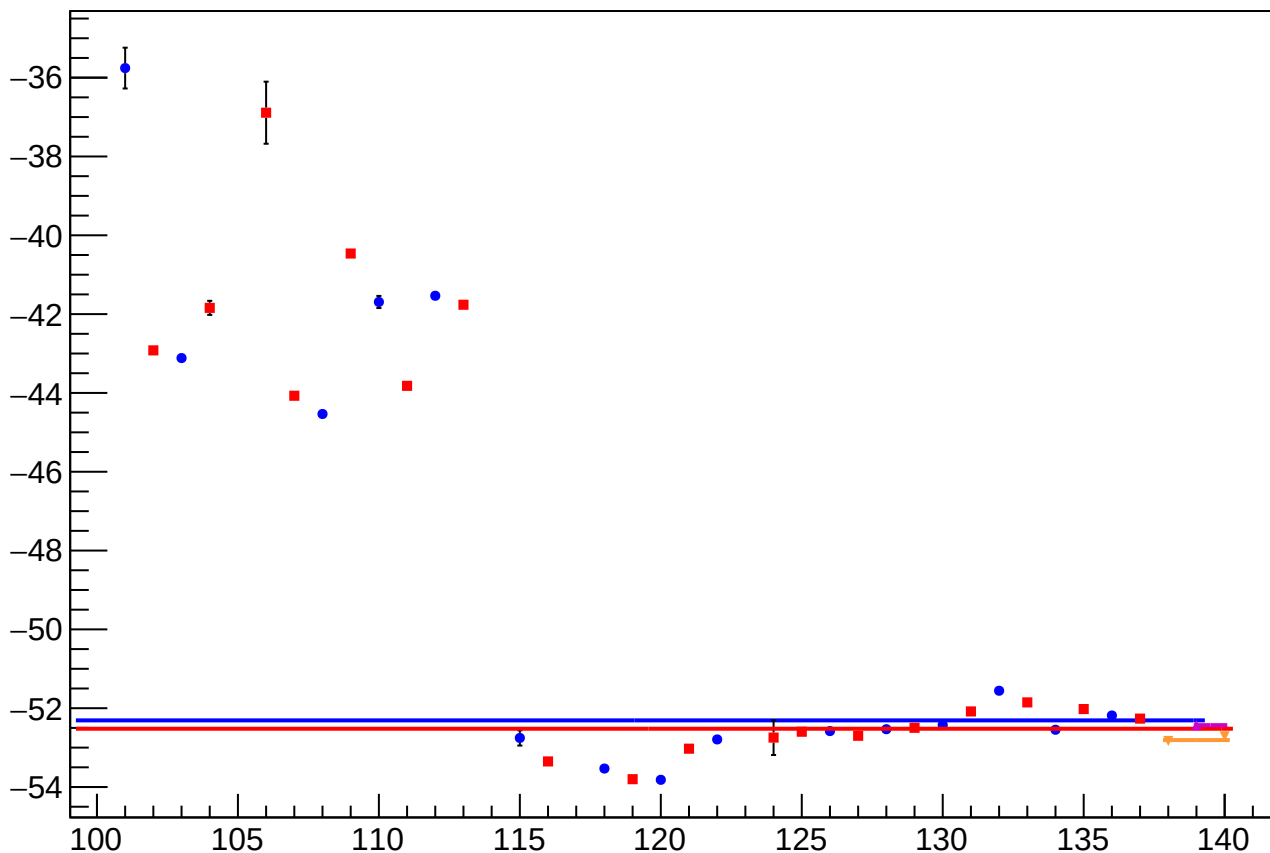
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.318 ± 0.001 $\chi^2/\text{NDF}: 4074.5/15$

Out: 0.335 ± 0.001 $\chi^2/\text{NDF}: 4258.5/19$

All: 0.326 ± 0.001 $\chi^2/\text{NDF}: 8507.1/35$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.809 $\pm$ 0.009 χ^2 /NDF:25.8/1

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.430 $\pm$ 0.011 χ^2 /NDF:0.0/0

Left: -52.658 $\pm$ 0.007 χ^2 /NDF: 694.1/2

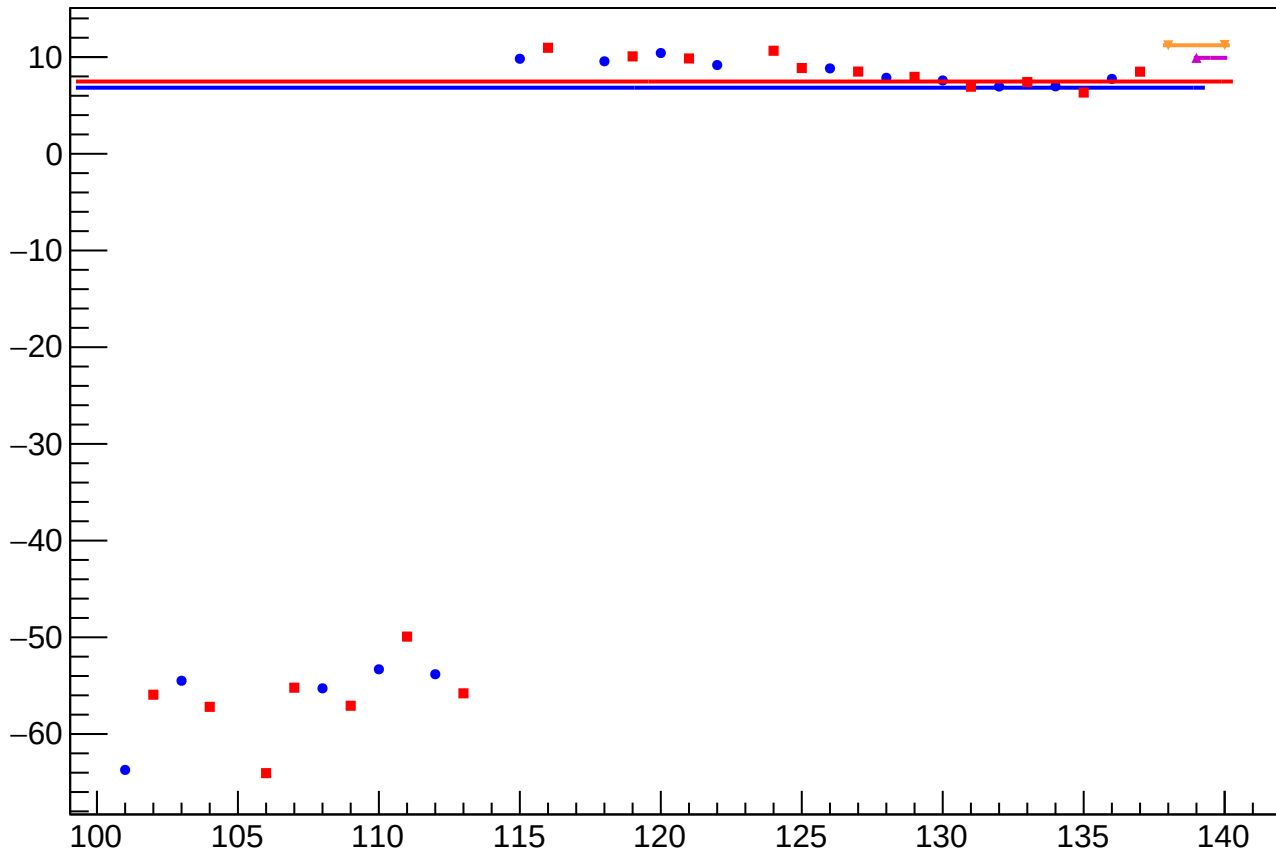
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.325 $\pm$ 0.004 χ^2 /NDF:53557.9/15

Out: -52.578 $\pm$ 0.004 χ^2 /NDF:77420.1/19

All: -52.451 $\pm$ 0.003 χ^2 /NDF: 132868.0/35

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 11.224 $\pm$ 0.019 χ^2 /NDF:0.7/1

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 9.921 $\pm$ 0.022 χ^2 /NDF:0.0/0

Left: 10.690 $\pm$ 0.014 χ^2 /NDF: 1991.0/2

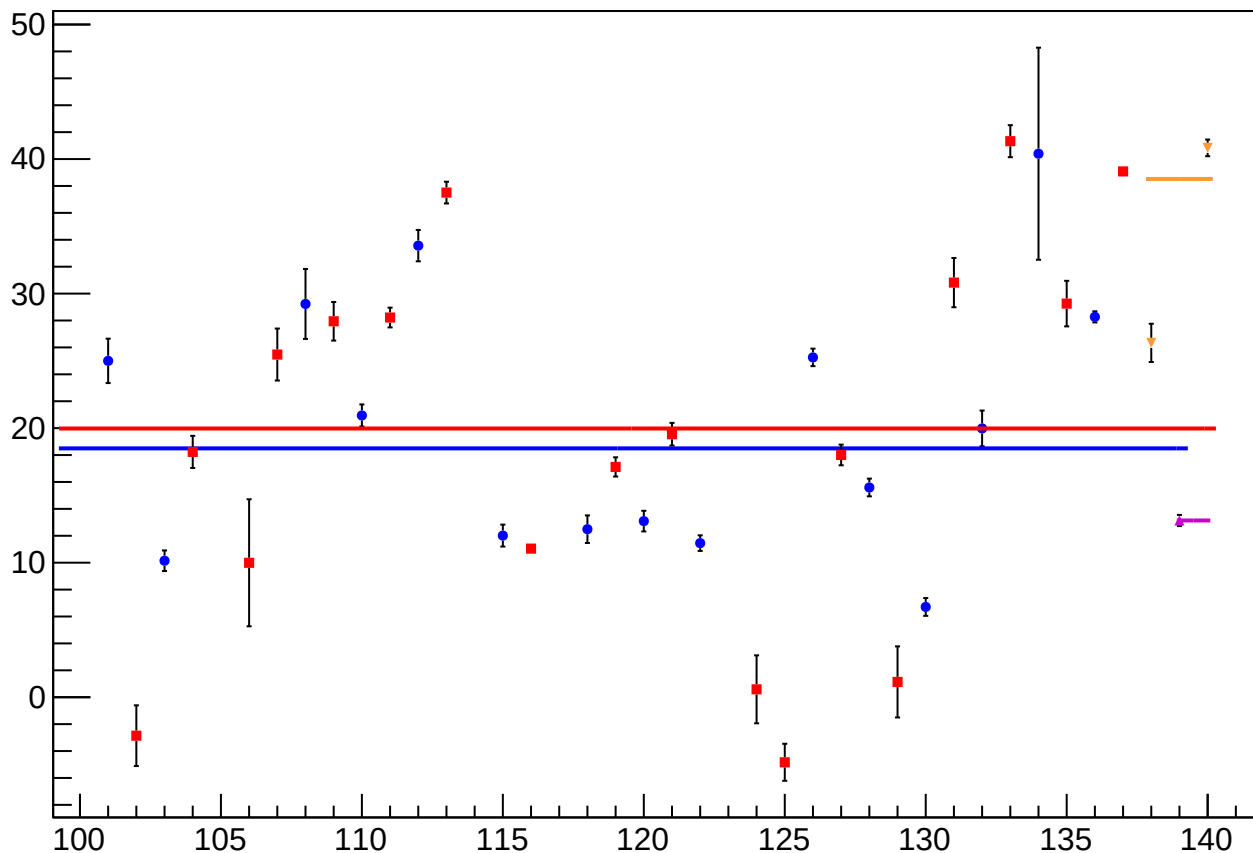
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 6.983 $\pm$ 0.005 χ^2 /NDF:1008588.7/15

Out: 8.217 $\pm$ 0.008 χ^2 /NDF:1227773.9/19

All: 7.305 $\pm$ 0.004 χ^2 /NDF: 2252623.3/35

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 38.521 $\pm$ 0.568 χ^2/NDF : 87.4/1

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 13.137 $\pm$ 0.414 χ^2/NDF : 0.0/0

Left: 21.960 $\pm$ 0.335 χ^2/NDF : 1392.5/2

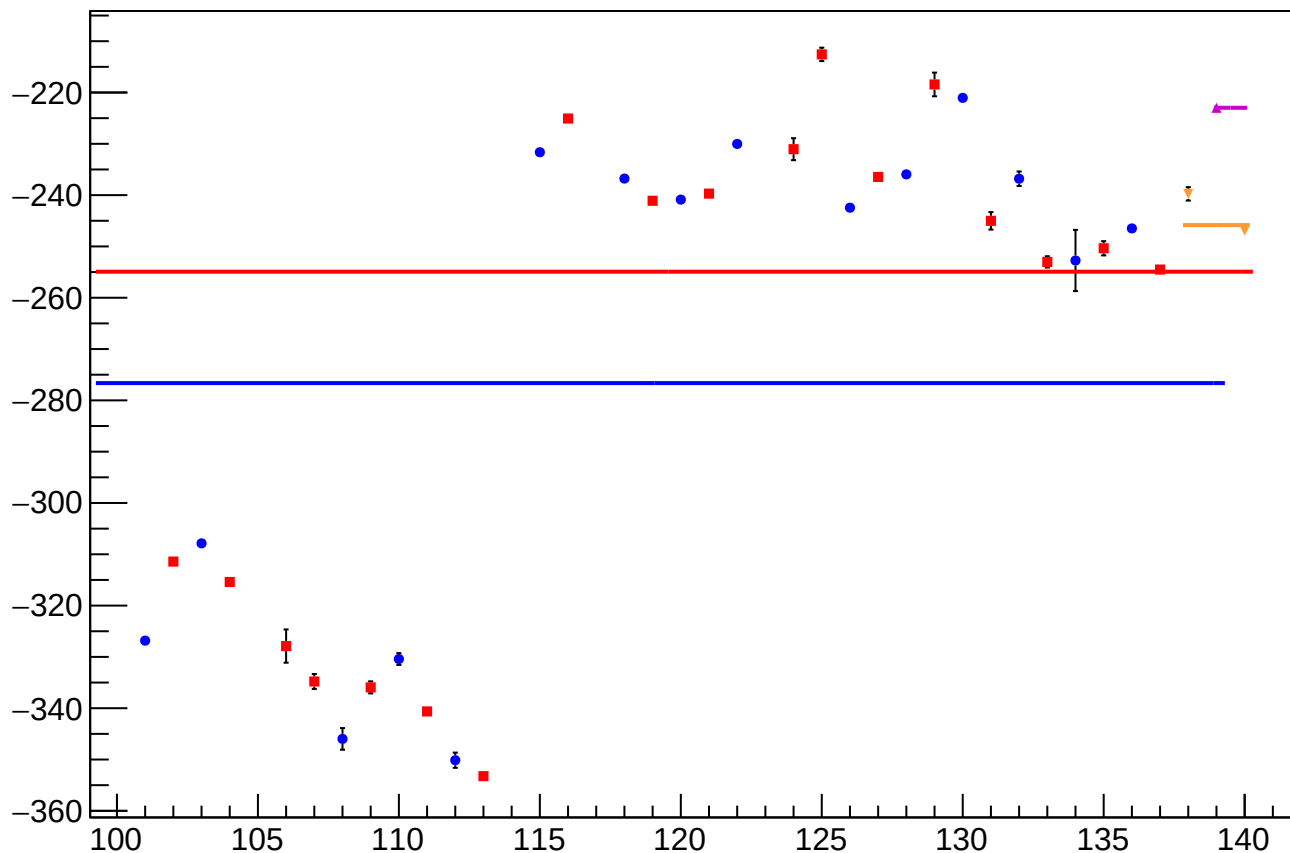
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 17.482 $\pm$ 0.180 χ^2/NDF : 1772.4/15

Out: 20.901 $\pm$ 0.127 χ^2/NDF : 10303.3/19

All: 19.767 $\pm$ 0.104 χ^2/NDF : 12316.3/35

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -245.835 ± 0.506 χ^2/NDF : 25.2/1

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -222.976 ± 0.362 χ^2/NDF : 0.0/0

Left: -230.725 ± 0.294 χ^2/NDF : 1376.6/2

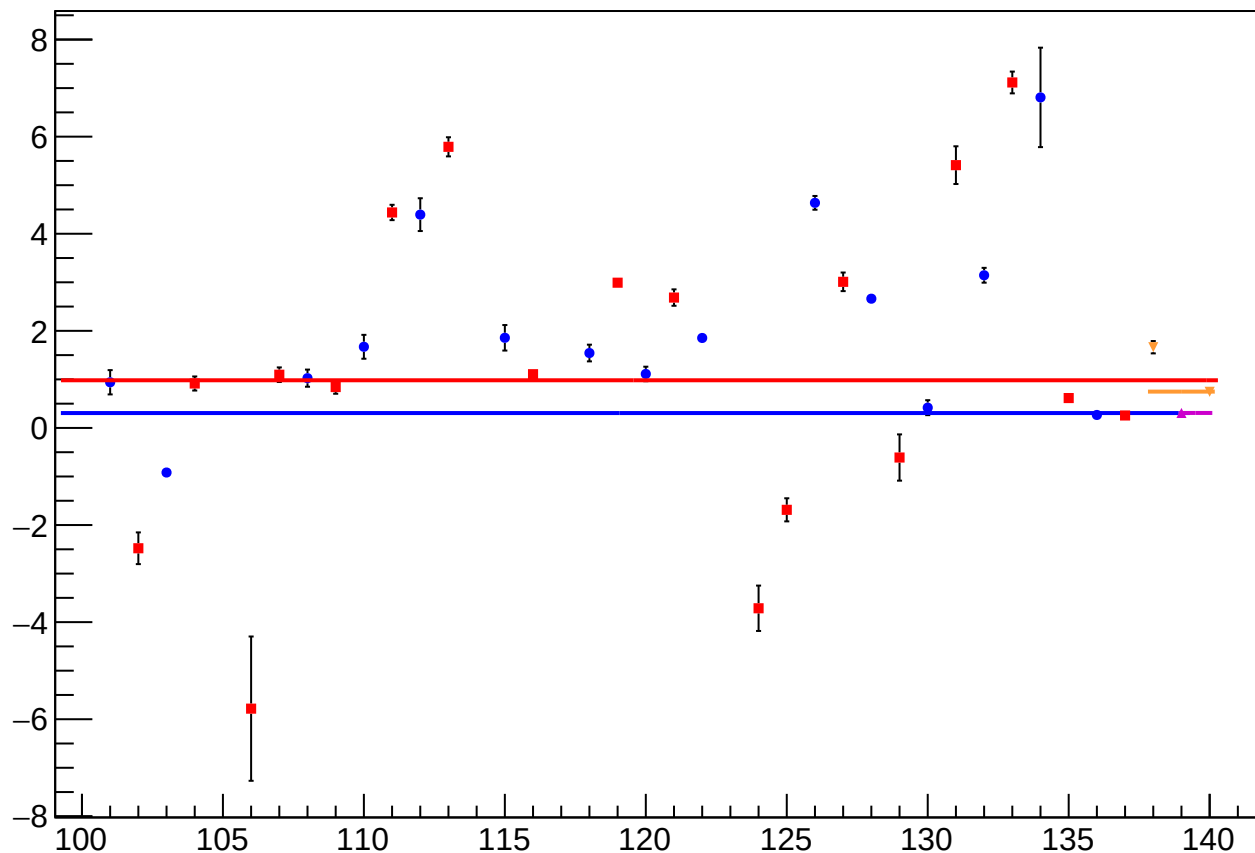
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -268.993 ± 0.137 χ^2/NDF : 95959.3/15

Out: -254.744 ± 0.071 χ^2/NDF : 72287.8/19

All: -257.742 ± 0.063 χ^2/NDF : 176834.3/35

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.748 $\pm$ 0.009 χ^2 /NDF:52.0/1

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.309 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.503 $\pm$ 0.006 χ^2 /NDF: 1466.3/2

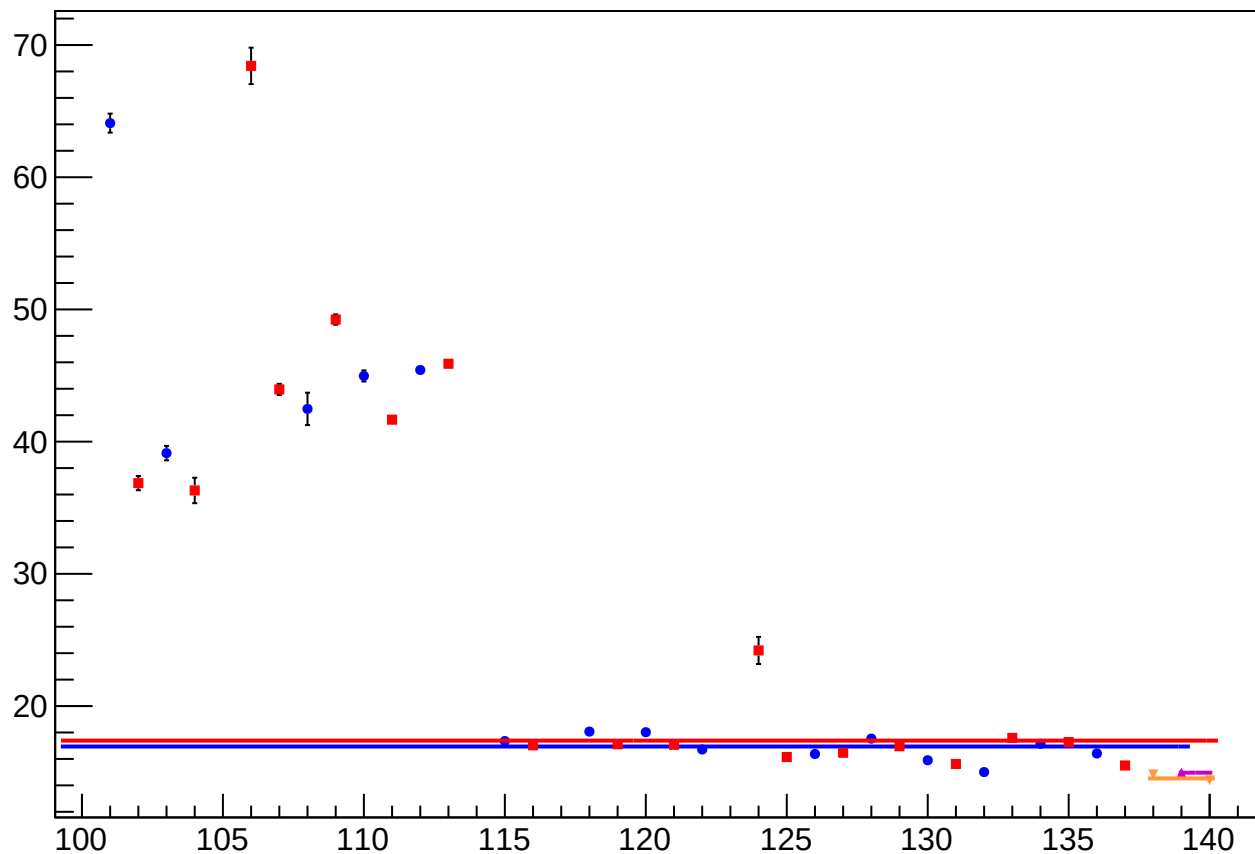
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.308 $\pm$ 0.005 χ^2 /NDF:2787.1/15

Out: 0.810 $\pm$ 0.008 χ^2 /NDF:3613.3/19

All: 0.464 $\pm$ 0.004 χ^2 /NDF: 9479.5/35

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 14.526+/-0.030 χ^2/NDF : 48.7/1

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 14.960+/-0.032 χ^2/NDF : 0.0/0

Left: 14.726+/-0.022 χ^2/NDF : 147.1/2

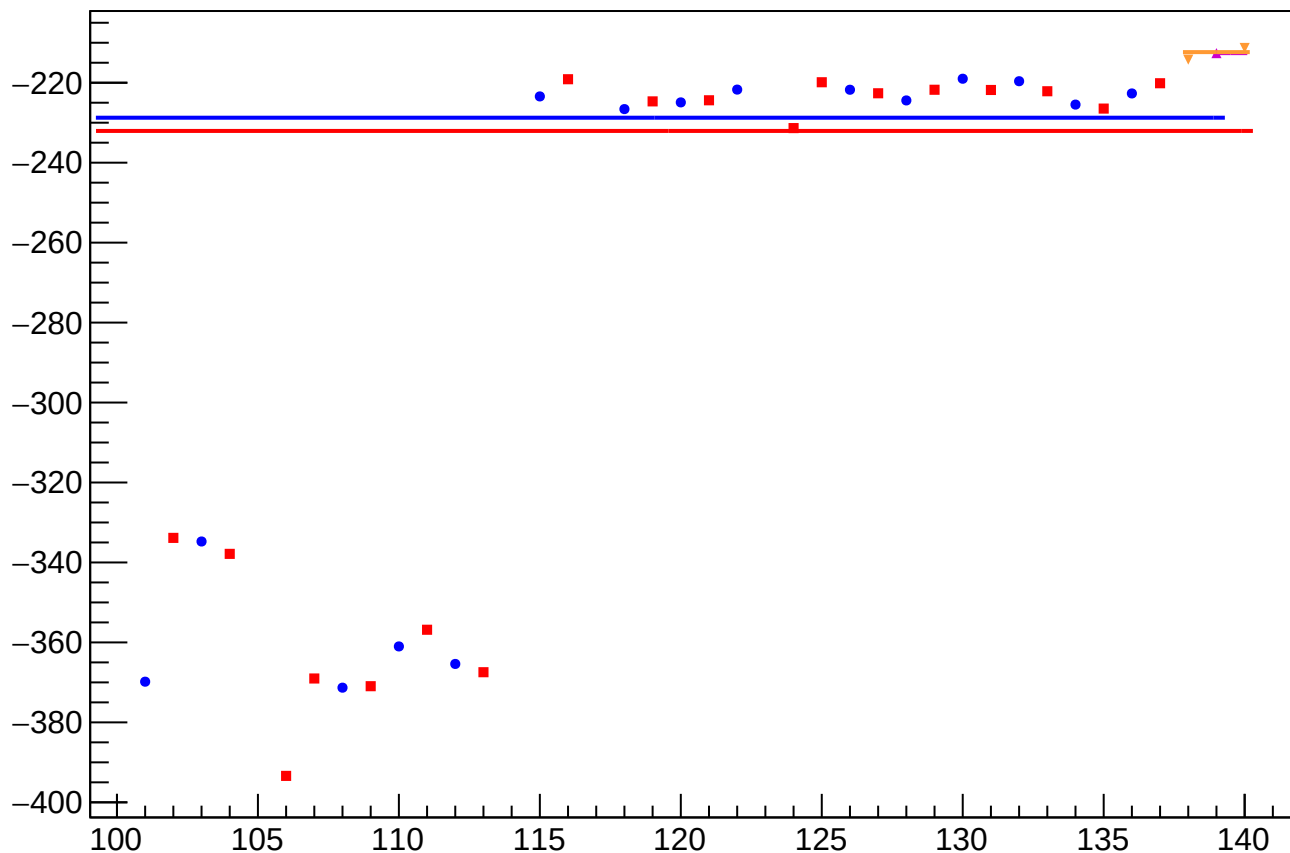
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.668+/-0.012 χ^2/NDF : 32289.0/15

Out: 16.643+/-0.015 χ^2/NDF : 68043.0/19

All: 16.658+/-0.009 χ^2/NDF : 100333.7/35

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -212.340 ± 0.057 $\chi^2/\text{NDF}: 611.2/1$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -212.597 ± 0.094 $\chi^2/\text{NDF}: 0.0/0$

Left: -212.409 ± 0.048 $\chi^2/\text{NDF}: 616.7/2$

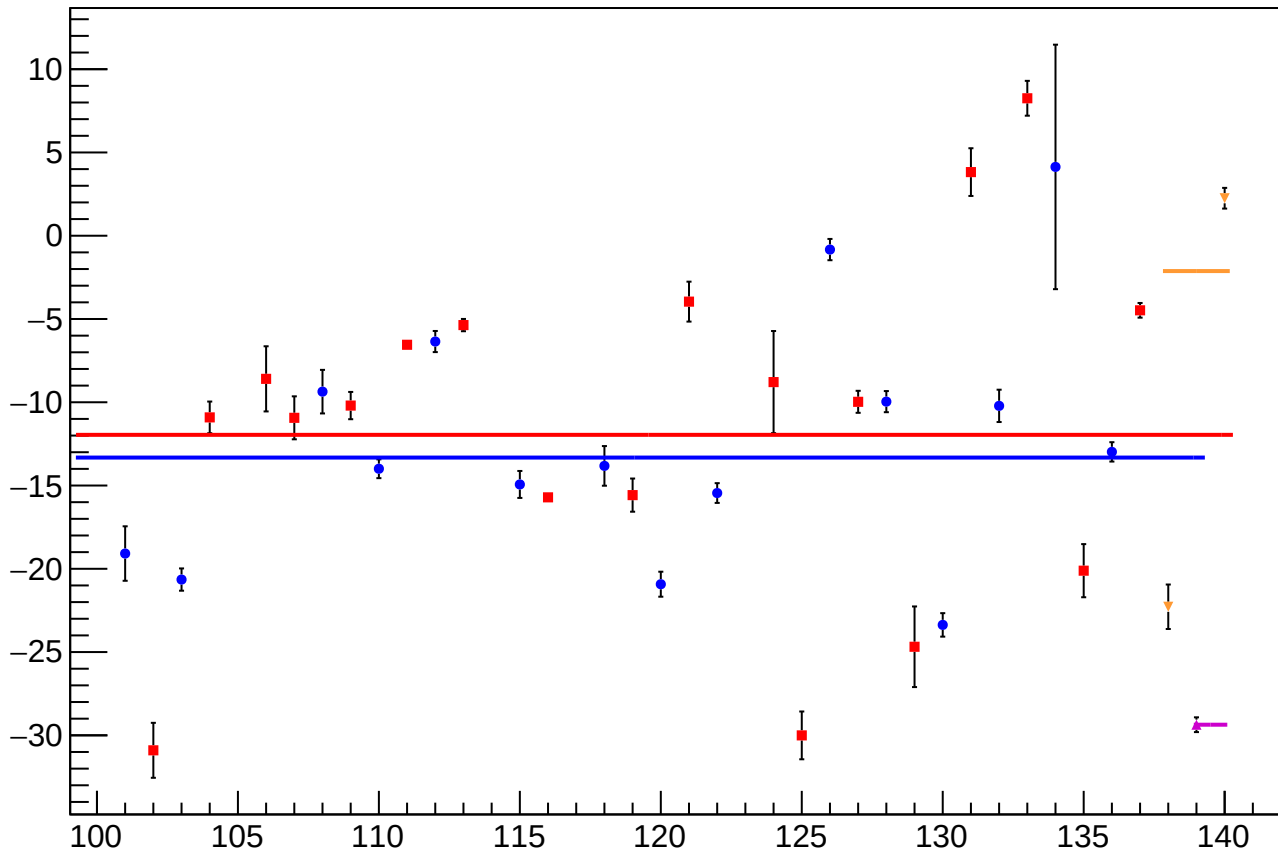
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -226.804 ± 0.033 $\chi^2/\text{NDF}: 683685.6/15$

Out: -225.196 ± 0.033 $\chi^2/\text{NDF}: 871460.2/19$

All: -226.020 ± 0.023 $\chi^2/\text{NDF}: 1556337.7/35$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -2.122 ± 0.564 χ^2/NDF : 277.4/1

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -29.363 ± 0.444 χ^2/NDF : 0.0/0

Left: -18.947 ± 0.349 χ^2/NDF : 1719.1/2

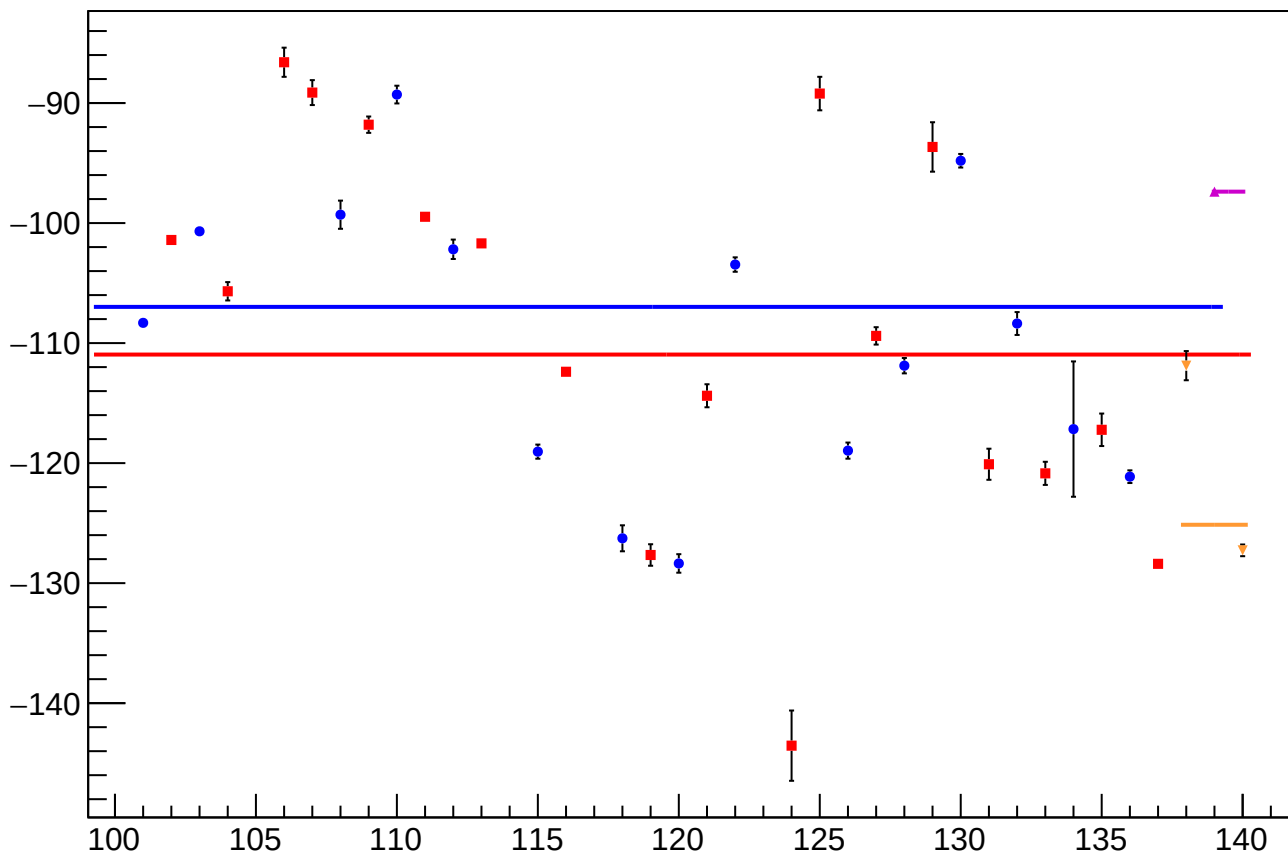
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -15.889 ± 0.178 χ^2/NDF : 2111.3/15

Out: -11.579 ± 0.110 χ^2/NDF : 3057.1/19

All: -12.782 ± 0.094 χ^2/NDF : 5593.5/35

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -125.136 ± 0.453 χ^2/NDF : 137.9/1

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.382 ± 0.356 χ^2/NDF : 0.0/0

Left: -107.976 ± 0.280 χ^2/NDF : 2462.7/2

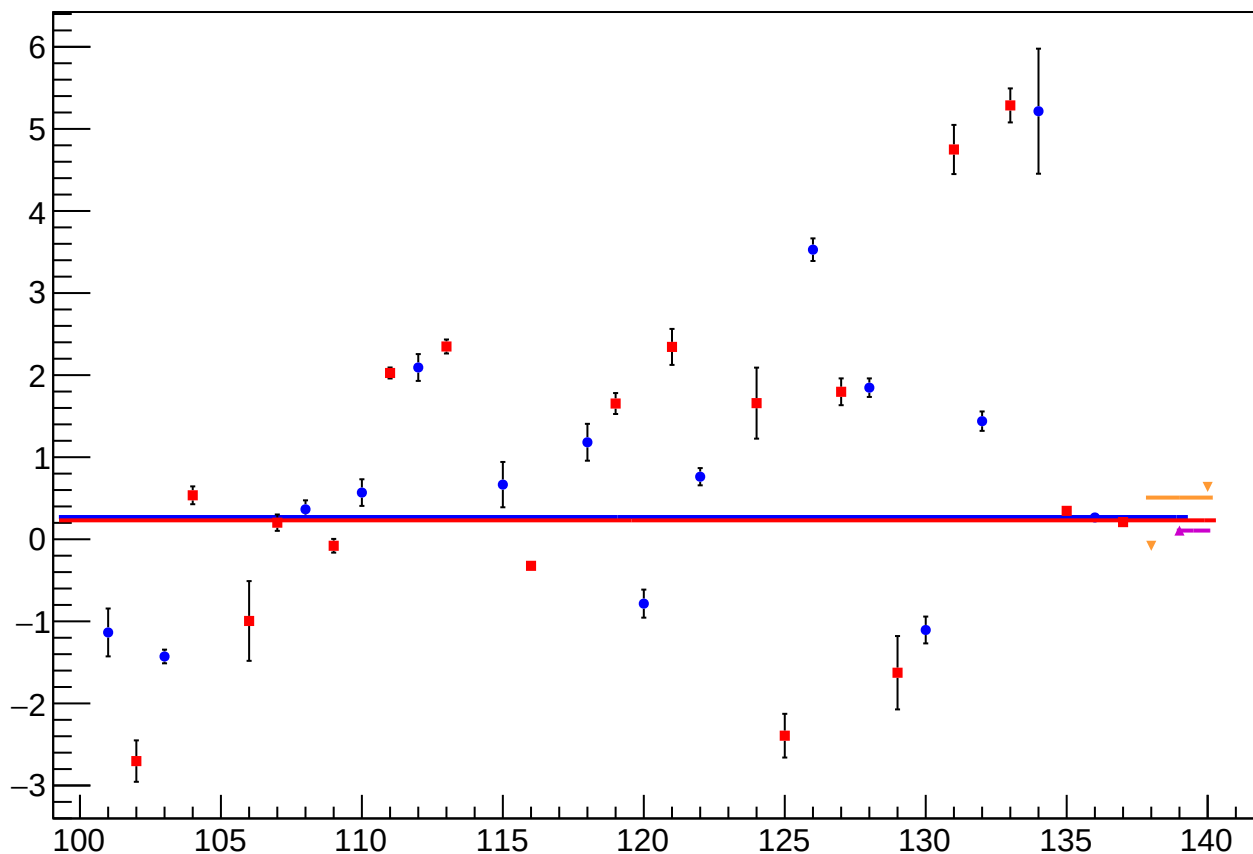
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.144 ± 0.105 χ^2/NDF : 5323.4/15

Out: -111.127 ± 0.050 χ^2/NDF : 11782.6/19

All: -110.211 ± 0.045 χ^2/NDF : 18940.5/35

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.508 ± 0.010 $\chi^2/\text{NDF}: 702.8/1$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.106 ± 0.009 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.276 ± 0.007 $\chi^2/\text{NDF}: 1561.1/2$

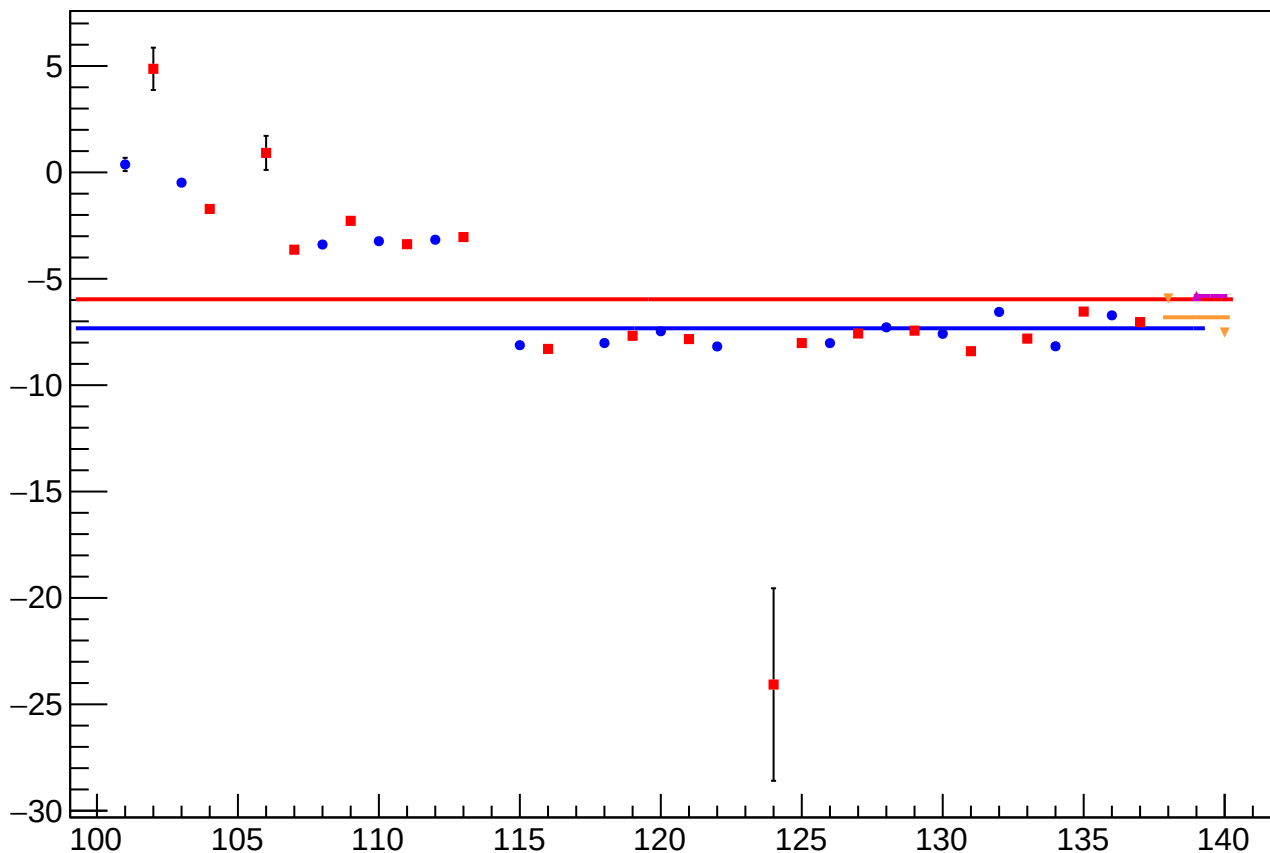
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.228 ± 0.005 $\chi^2/\text{NDF}: 1865.1/15$

Out: 0.273 ± 0.004 $\chi^2/\text{NDF}: 4210.0/19$

All: 0.253 ± 0.003 $\chi^2/\text{NDF}: 6129.5/35$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.810+/-0.035 χ^2/NDF : 508.1/1

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -5.808+/-0.020 χ^2/NDF : 0.0/0

Left: -6.059+/-0.018 χ^2/NDF : 1111.9/2

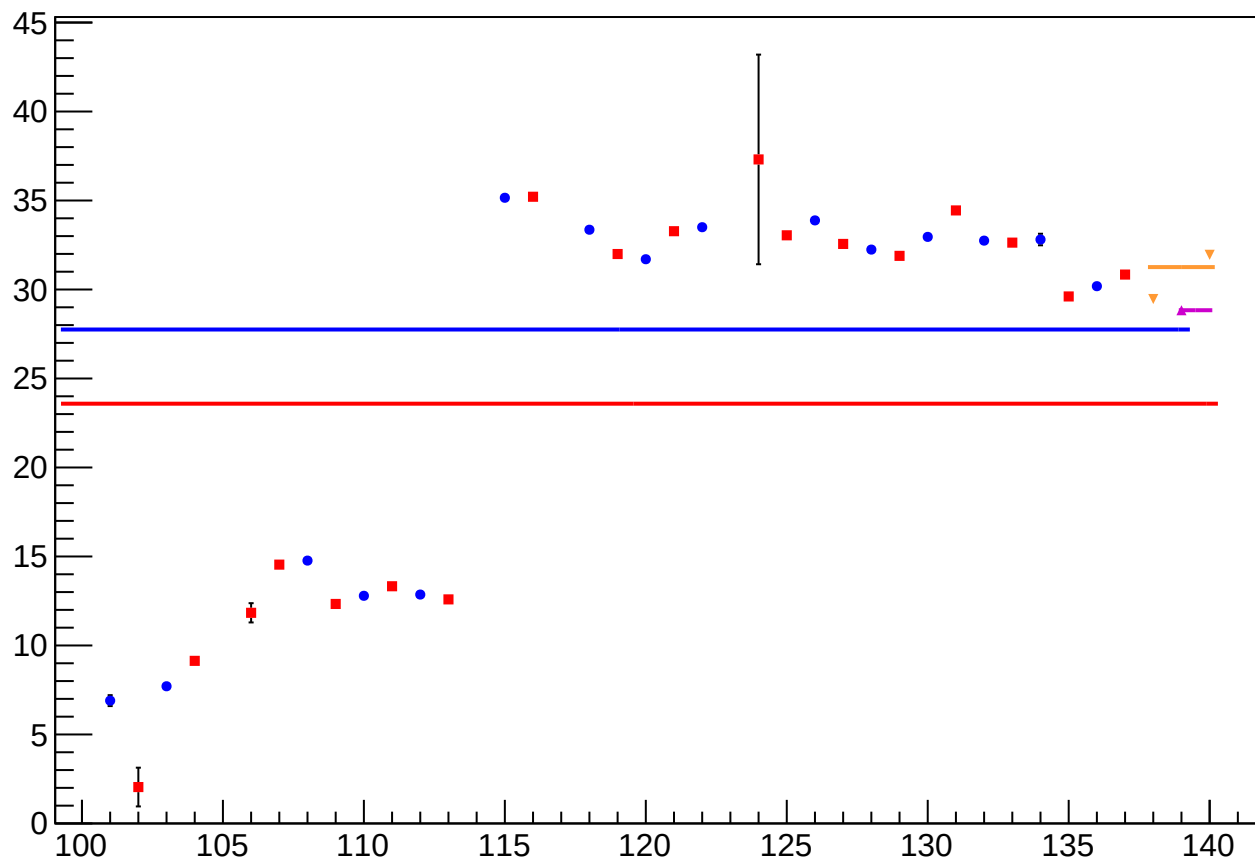
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -7.108+/-0.008 χ^2/NDF : 35232.1/15

Out: -6.013+/-0.009 χ^2/NDF : 72856.6/19

All: -6.612+/-0.006 χ^2/NDF : 117123.9/35

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 31.259 $\pm$ 0.046 χ^2 /NDF:581.2/1

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 28.836 $\pm$ 0.043 χ^2 /NDF:0.0/0

Left: 29.973 $\pm$ 0.032 χ^2 /NDF: 2042.6/2

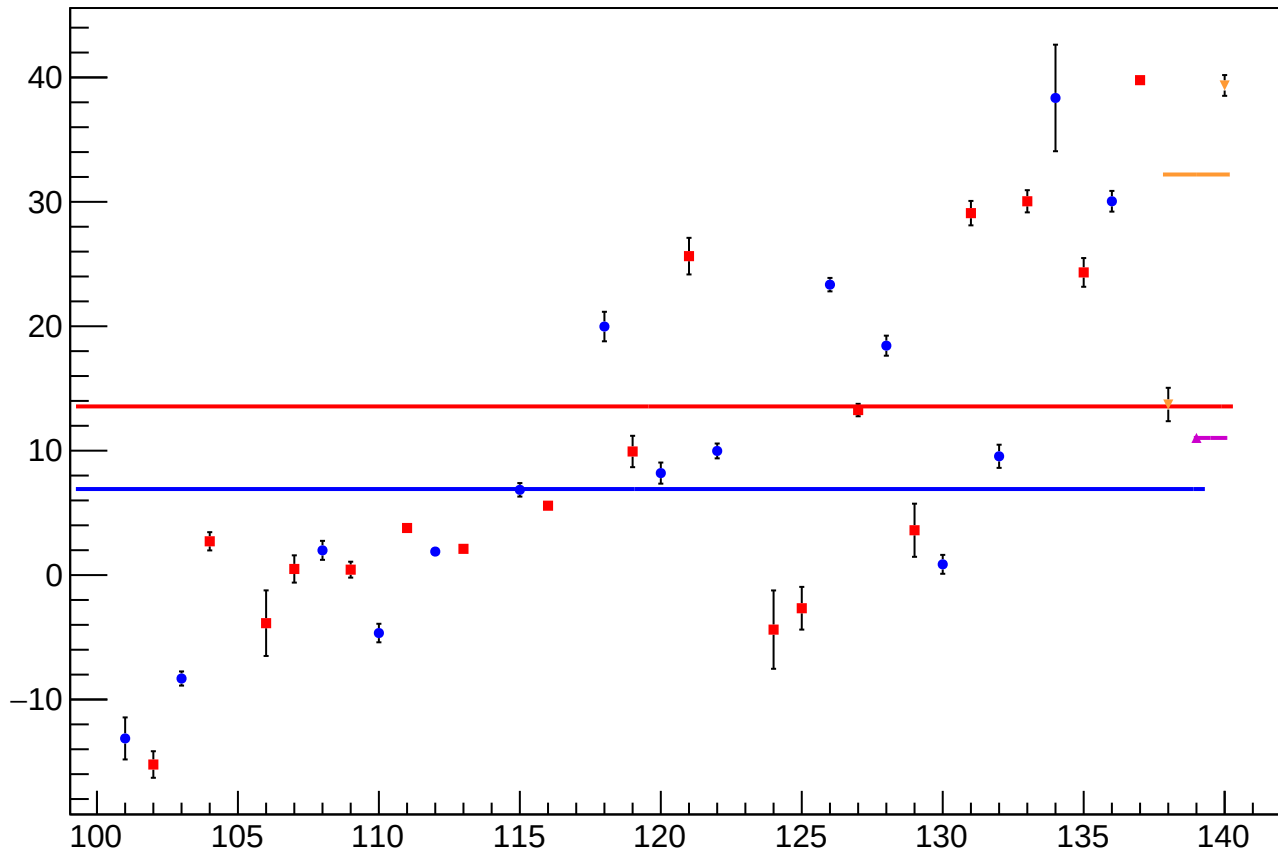
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 27.868 $\pm$ 0.014 χ^2 /NDF:333482.7/15

Out: 24.207 $\pm$ 0.013 χ^2 /NDF:565583.5/19

All: 25.895 $\pm$ 0.010 χ^2 /NDF: 934842.0/35

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 32.198 ± 0.709 $\chi^2/\text{NDF}: 263.2/1$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 11.025 ± 0.322 $\chi^2/\text{NDF}: 0.0/0$

Left: 14.649 ± 0.293 $\chi^2/\text{NDF}: 1002.3/2$

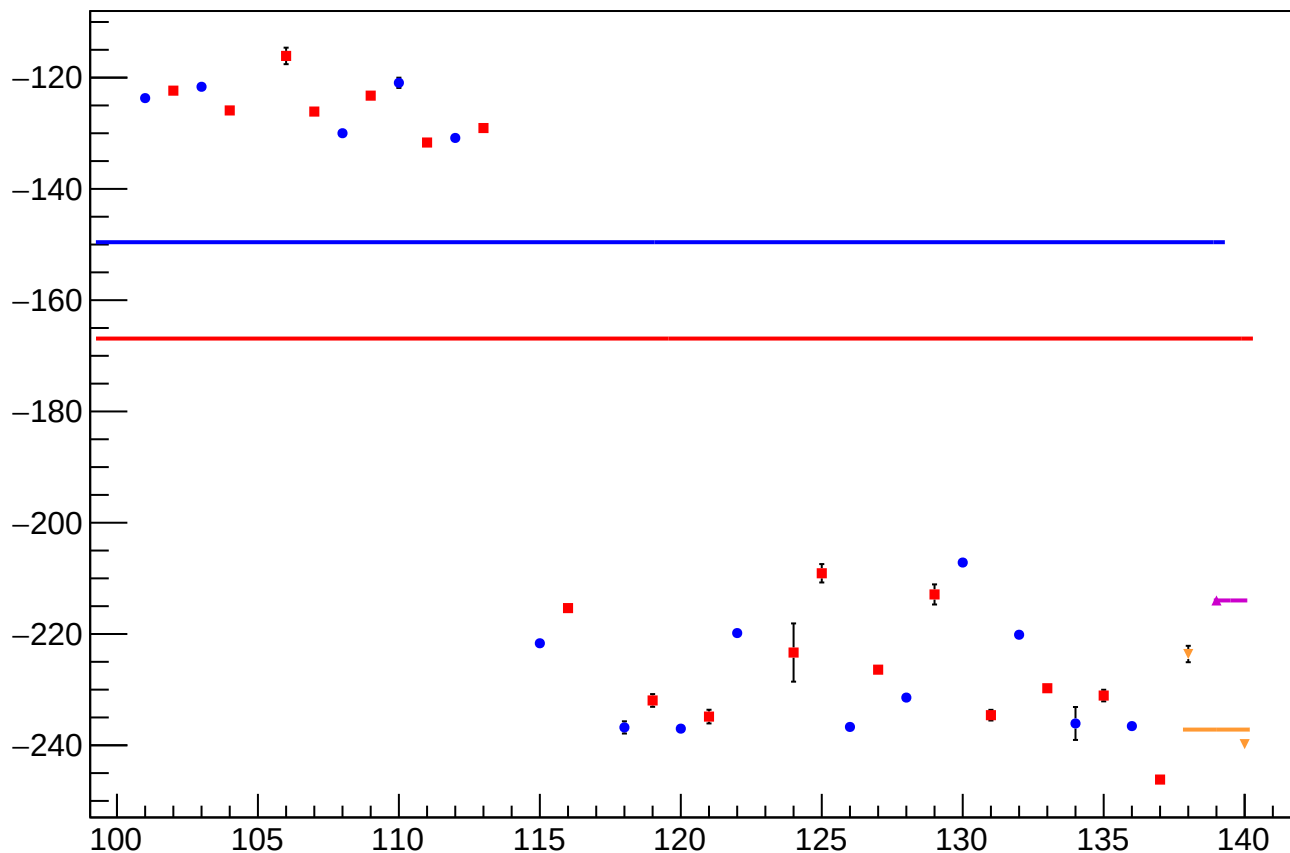
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 7.865 ± 0.155 $\chi^2/\text{NDF}: 3628.2/15$

Out: 14.306 ± 0.142 $\chi^2/\text{NDF}: 12583.8/19$

All: 11.360 ± 0.105 $\chi^2/\text{NDF}: 17151.2/35$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -237.179 ± 0.592 χ^2/NDF : 101.4/1

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -213.970 ± 0.284 χ^2/NDF : 0.0/0

Left: -218.305 ± 0.256 χ^2/NDF : 1349.7/2

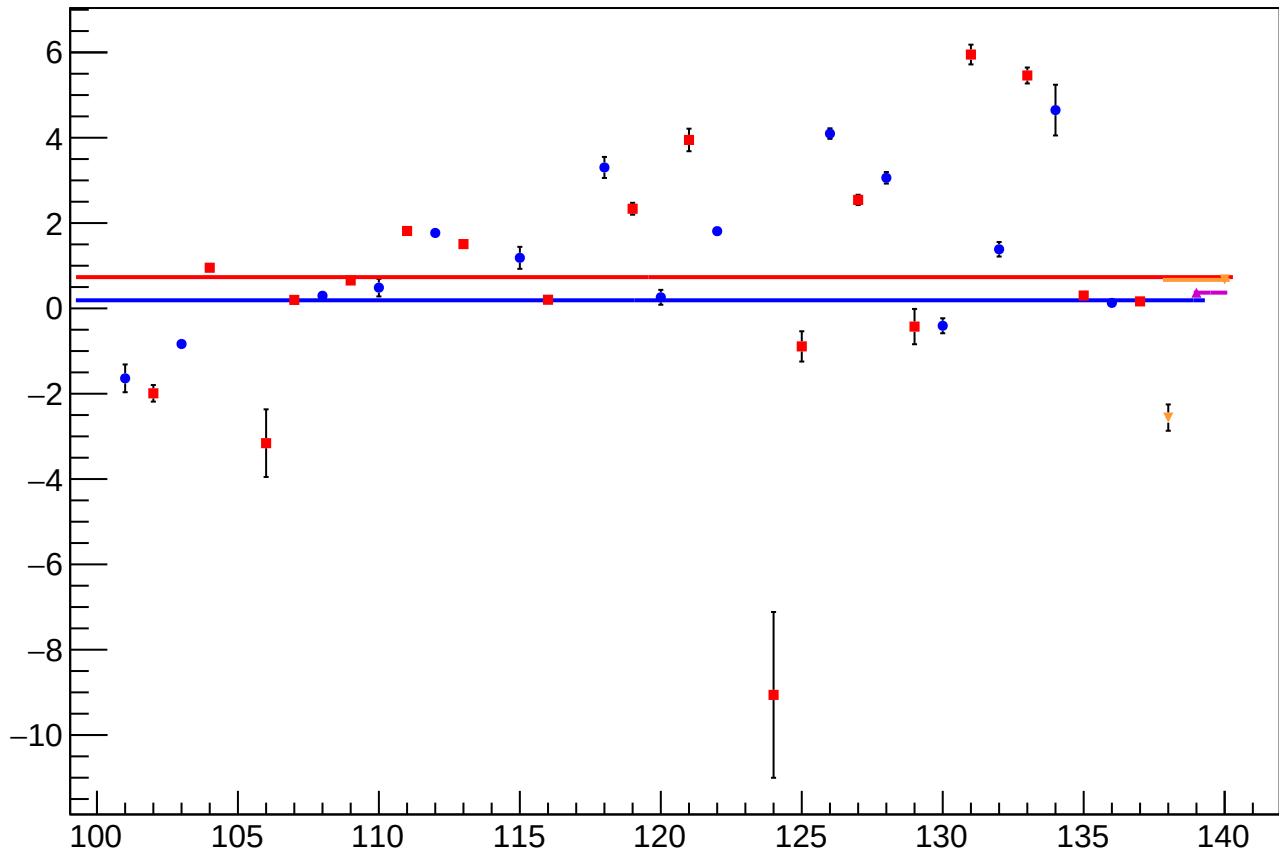
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -156.797 ± 0.095 χ^2/NDF : 240760.7/15

Out: -168.868 ± 0.099 χ^2/NDF : 309272.8/19

All: -162.577 ± 0.069 χ^2/NDF : 557755.9/35

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.669 ± 0.017 $\chi^2/\text{NDF}: 109.8/1$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.369 ± 0.012 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.466 ± 0.010 $\chi^2/\text{NDF}: 325.7/2$

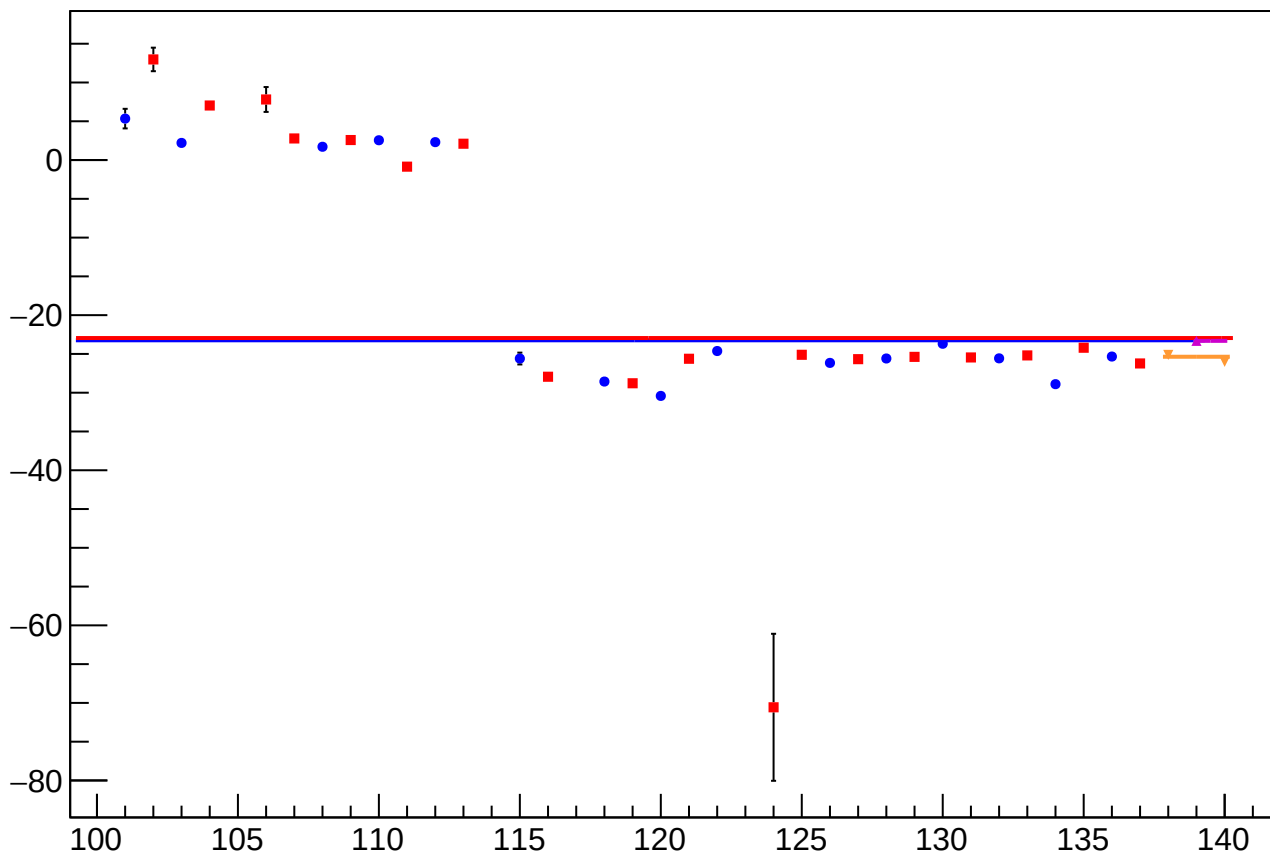
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.254 ± 0.007 $\chi^2/\text{NDF}: 2881.9/15$

Out: 0.696 ± 0.013 $\chi^2/\text{NDF}: 2782.8/19$

All: 0.353 ± 0.006 $\chi^2/\text{NDF}: 6588.6/35$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -25.363 ± 0.079 $\chi^2/\text{NDF}: 25.1/1$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -23.313 ± 0.084 $\chi^2/\text{NDF}: 0.0/0$

Left: -24.405 ± 0.058 $\chi^2/\text{NDF}: 338.9/2$

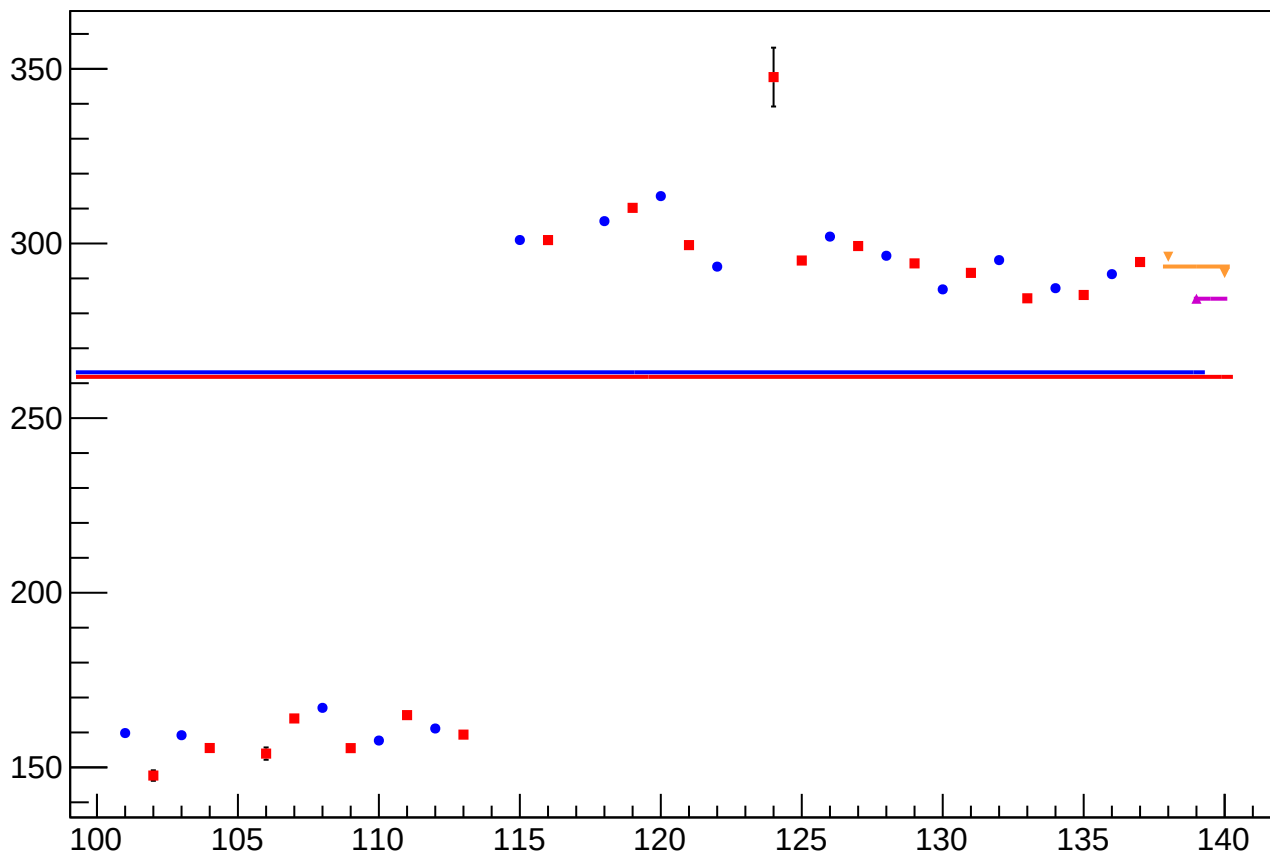
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.247 ± 0.024 $\chi^2/\text{NDF}: 103103.4/15$

Out: -23.165 ± 0.024 $\chi^2/\text{NDF}: 108911.3/19$

All: -23.205 ± 0.017 $\chi^2/\text{NDF}: 212020.7/35$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 293.405+/-0.167 χ^2/NDF :187.0/1

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 284.190+/-0.271 χ^2/NDF :0.0/0

Left: 290.865+/-0.143 χ^2/NDF : 1021.5/2

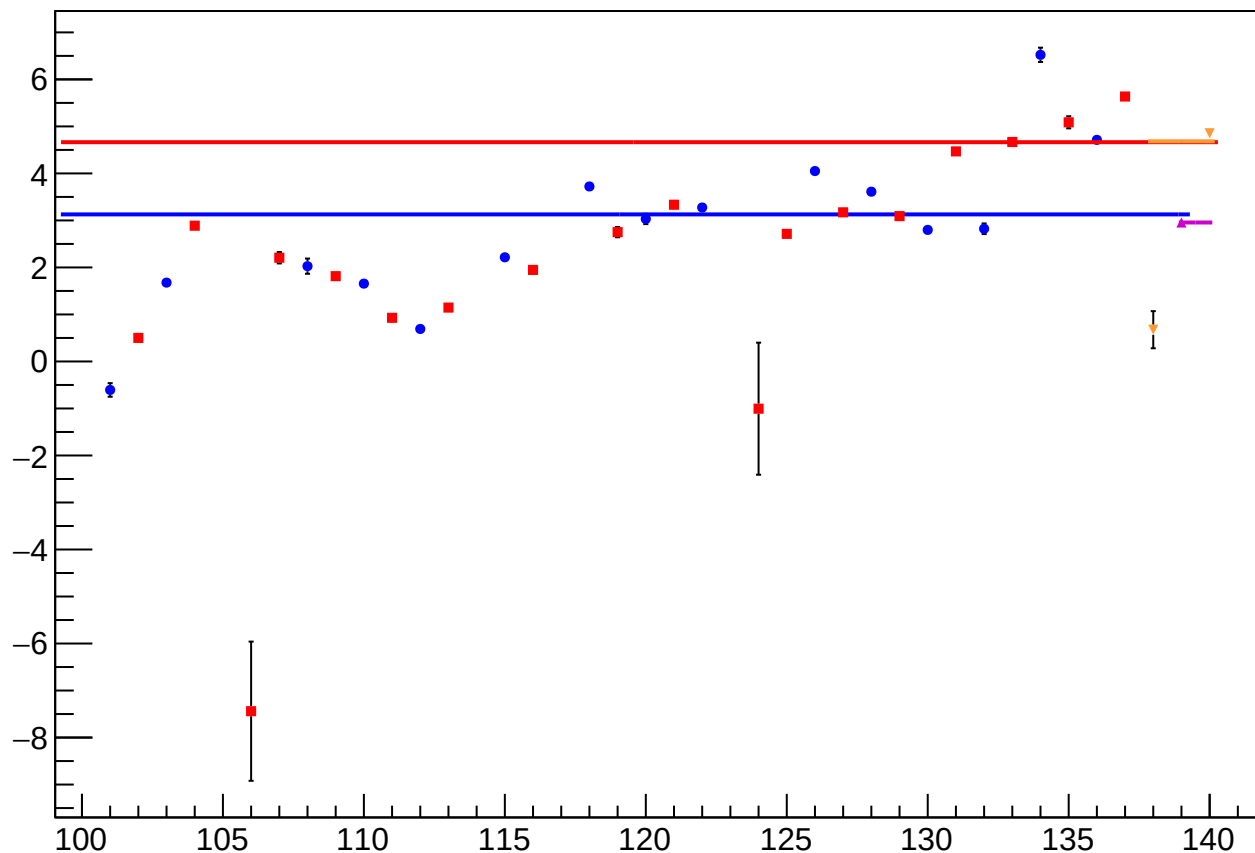
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 264.401+/-0.067 χ^2/NDF :698541.8/15

Out: 265.454+/-0.057 χ^2/NDF :1037857.5/19

All: 265.013+/-0.043 χ^2/NDF : 1736543.1/35

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.683 $\pm$ 0.080 χ^2 /NDF:107.4/1

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 2.956 $\pm$ 0.038 χ^2 /NDF:0.0/0

Left: 3.281 $\pm$ 0.035 χ^2 /NDF: 488.8/2

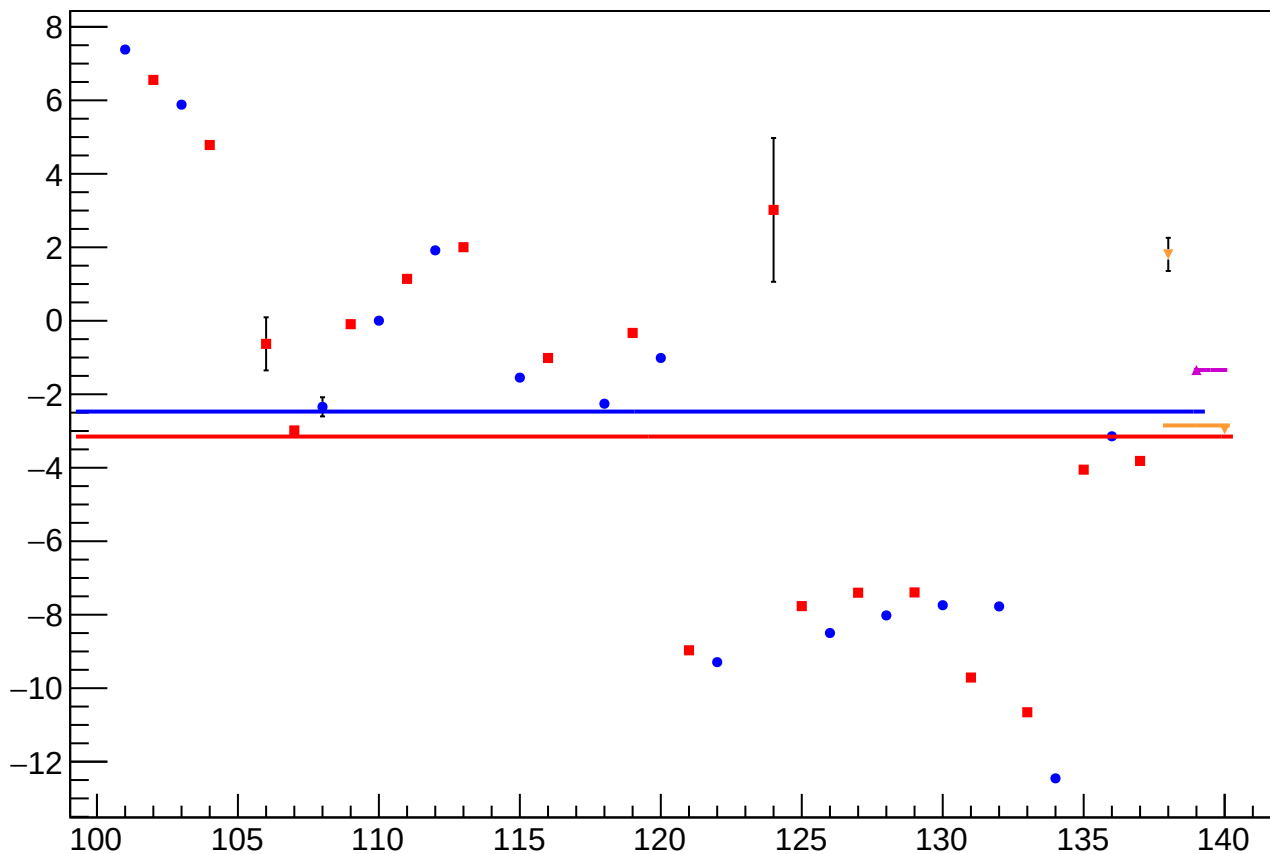
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.104 $\pm$ 0.015 χ^2 /NDF:5685.0/15

Out: 4.664 $\pm$ 0.006 χ^2 /NDF:66970.0/19

All: 4.417 $\pm$ 0.006 χ^2 /NDF: 82306.9/35

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.848 ± 0.067 $\chi^2/\text{NDF}: 108.7/1$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -1.340 ± 0.048 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.848 ± 0.039 $\chi^2/\text{NDF}: 443.3/2$

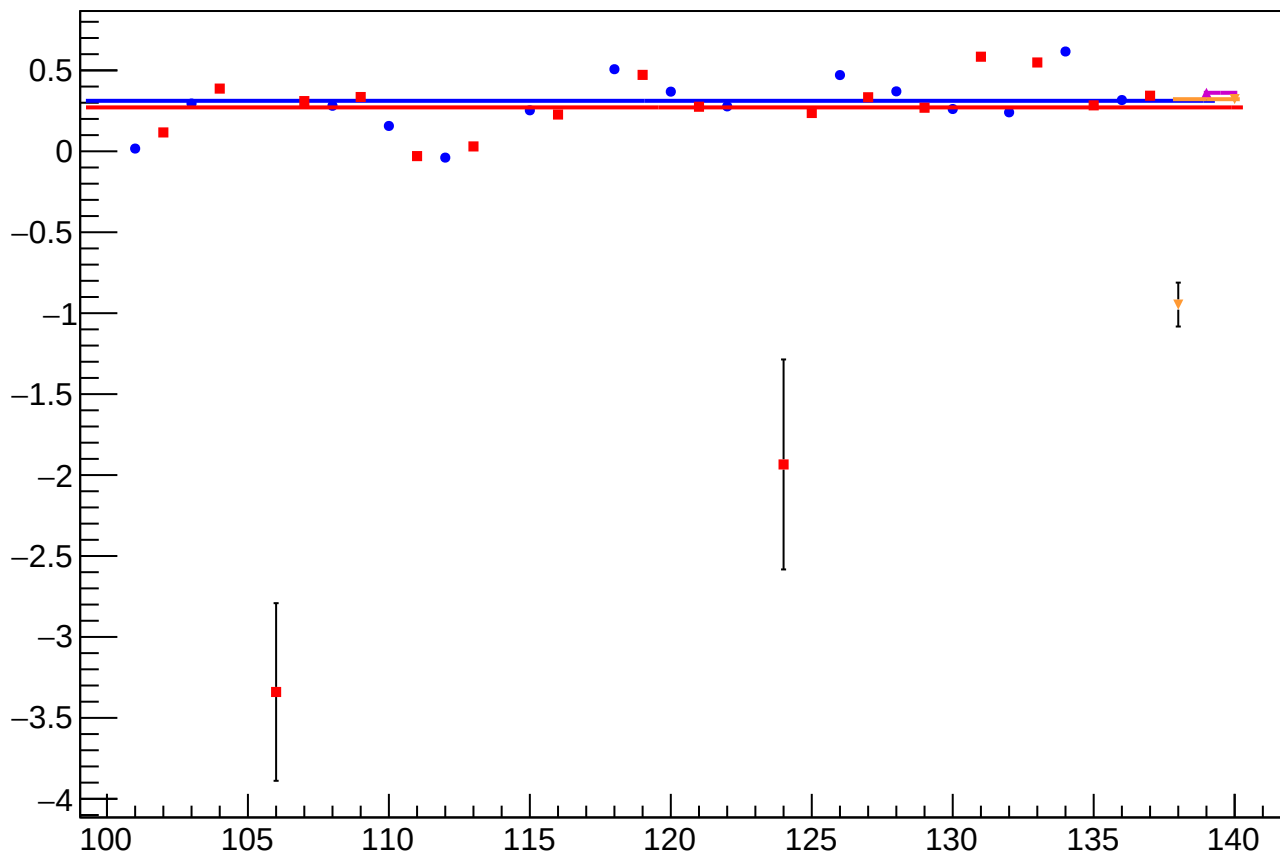
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.381 ± 0.014 $\chi^2/\text{NDF}: 243093.6/15$

Out: -3.147 ± 0.007 $\chi^2/\text{NDF}: 247556.5/19$

All: -2.971 ± 0.006 $\chi^2/\text{NDF}: 493124.8/35$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.322 ± 0.003 $\chi^2/\text{NDF}: 87.6/1$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.362 ± 0.006 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.331 ± 0.003 $\chi^2/\text{NDF}: 124.3/2$

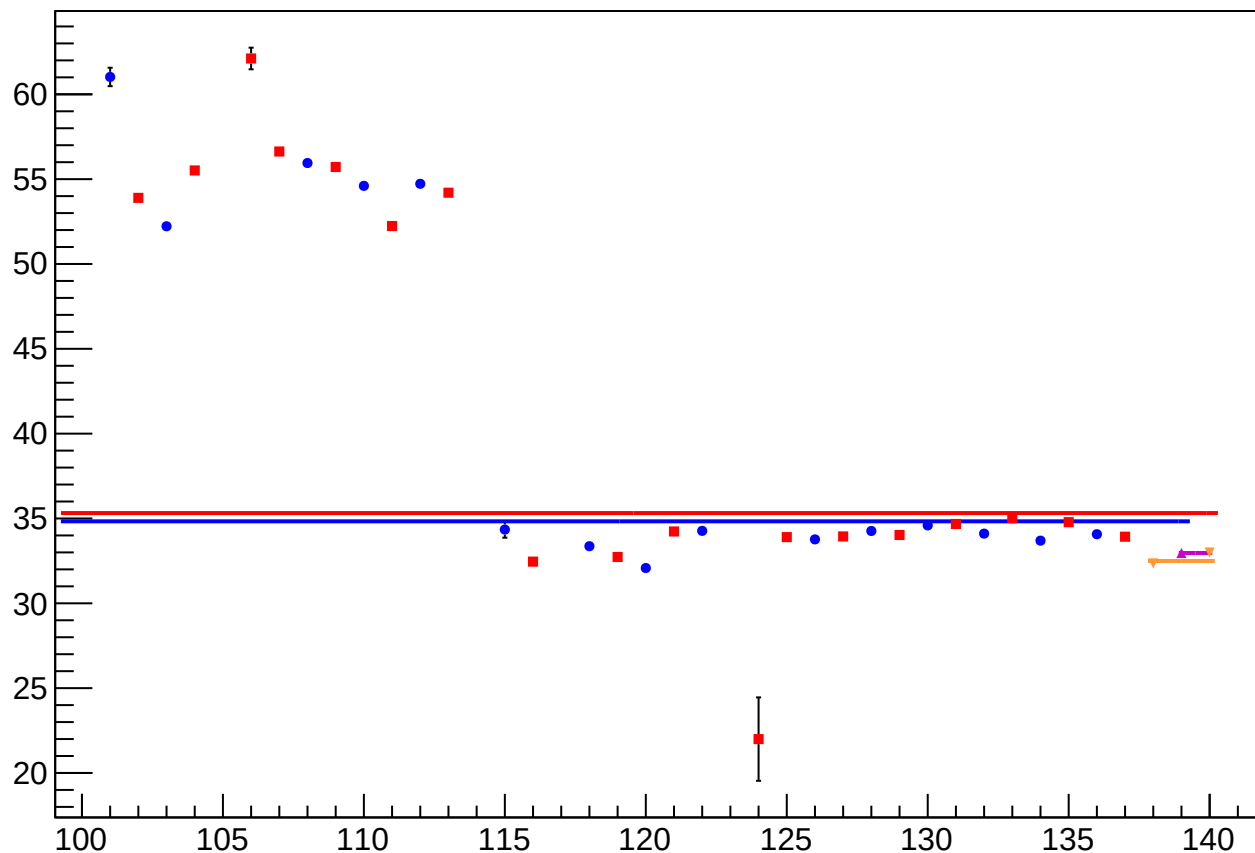
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.314 ± 0.001 $\chi^2/\text{NDF}: 1390.0/15$

Out: 0.287 ± 0.002 $\chi^2/\text{NDF}: 6415.6/19$

All: 0.305 ± 0.001 $\chi^2/\text{NDF}: 7963.2/35$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.495 $\pm$ 0.023 χ^2 /NDF:129.6/1

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.966 $\pm$ 0.029 χ^2 /NDF:0.0/0

Left: 32.683 $\pm$ 0.018 χ^2 /NDF: 289.5/2

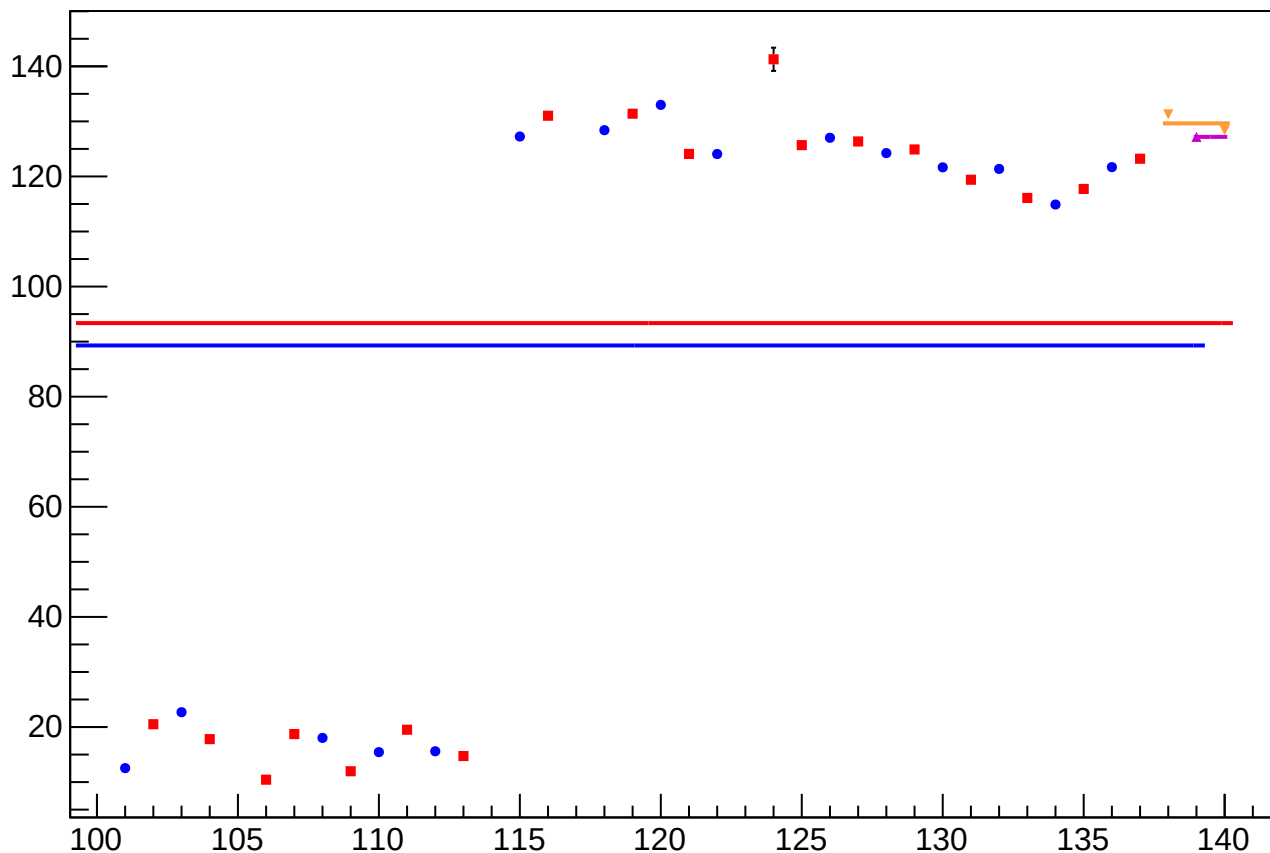
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.679 $\pm$ 0.008 χ^2 /NDF:249412.3/15

Out: 34.889 $\pm$ 0.009 χ^2 /NDF:273893.8/19

All: 34.773 $\pm$ 0.006 χ^2 /NDF: 523595.1/35

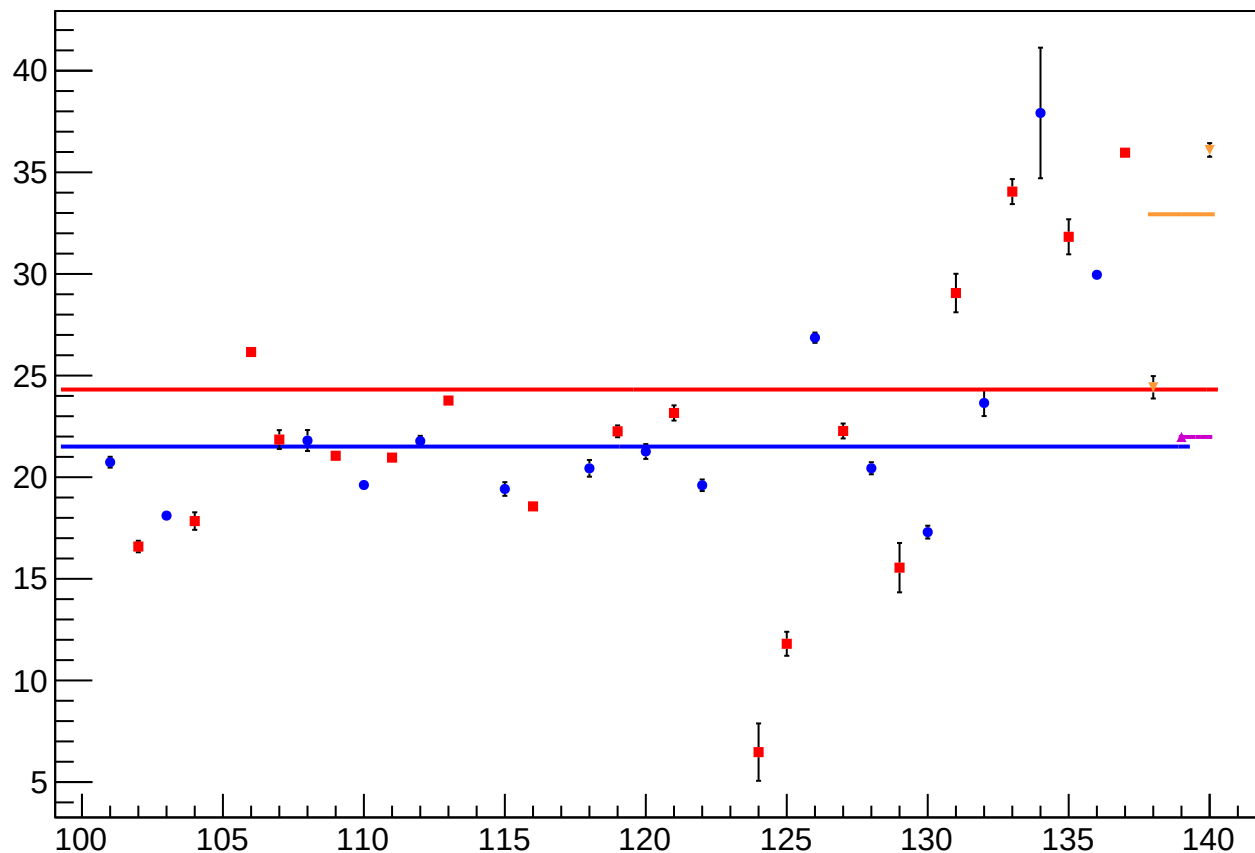
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14
 Left Out: 129.641 $\pm$ 0.068 χ^2 /NDF:444.3/1
 Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17
 Left In: 127.184 $\pm$ 0.097 χ^2 /NDF:0.0/0

Left: 128.828 $\pm$ 0.056 χ^2 /NDF: 876.0/2
 Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32
 In: 92.122 $\pm$ 0.026 χ^2 /NDF:3176393.6/15
 Out: 99.247 $\pm$ 0.027 χ^2 /NDF:3090864.4/19
 All: 95.551 $\pm$ 0.019 χ^2 /NDF: 6302317.8/35

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507+/-0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.936+/-0.287 χ^2 /NDF:327.2/1

Right Out: 24.314+/-0.058 χ^2 /NDF: 14295.4/17

Left In: 21.980+/-0.208 χ^2 /NDF:0.0/0

Left: 25.744+/-0.168 χ^2 /NDF: 1284.3/2

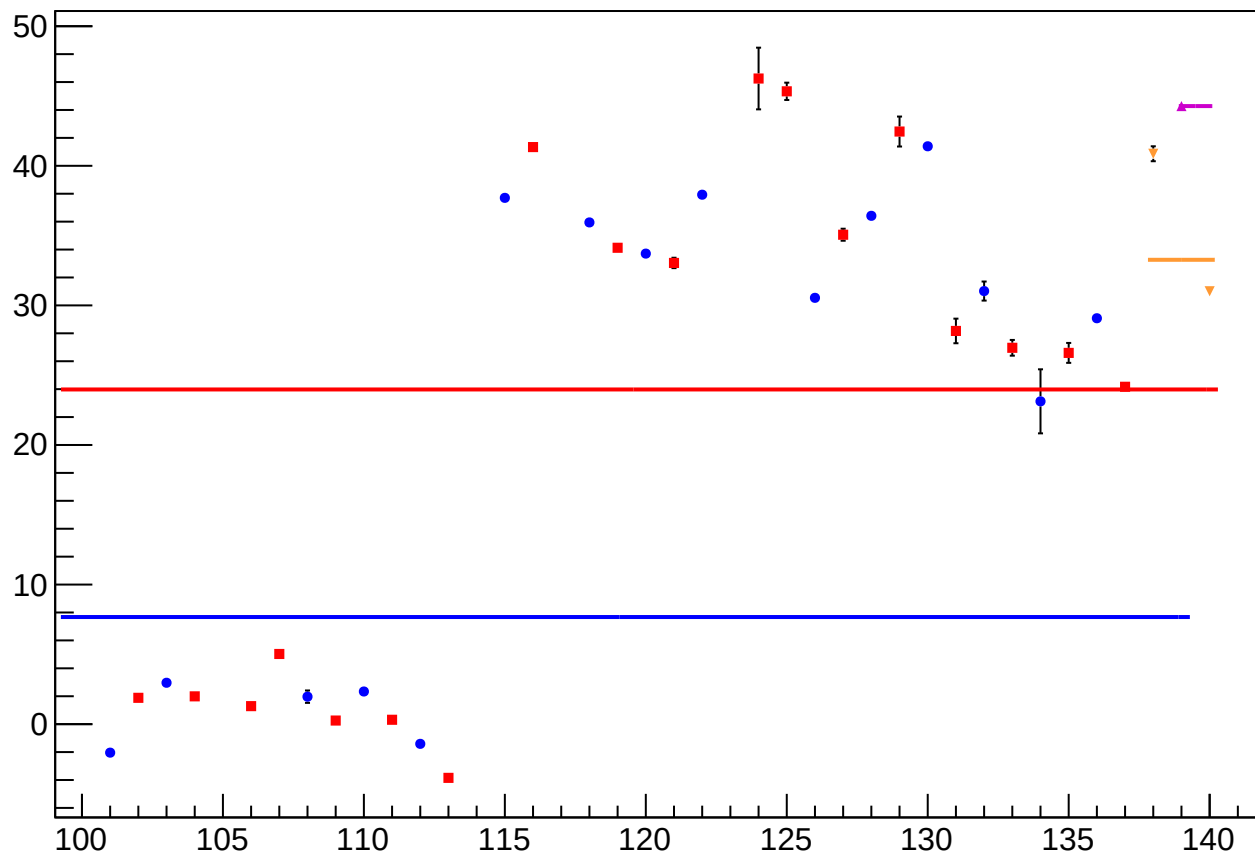
Right: 23.204+/-0.045 χ^2 /NDF: 18169.2/32

In: 21.558+/-0.068 χ^2 /NDF:2967.6/15

Out: 24.658+/-0.057 χ^2 /NDF:15489.7/19

All: 23.377+/-0.044 χ^2 /NDF: 19666.0/35

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 33.267+/-0.256 χ^2/NDF :261.0/1

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 44.279+/-0.173 χ^2/NDF :0.0/0

Left: 40.815+/-0.144 χ^2/NDF : 1528.1/2

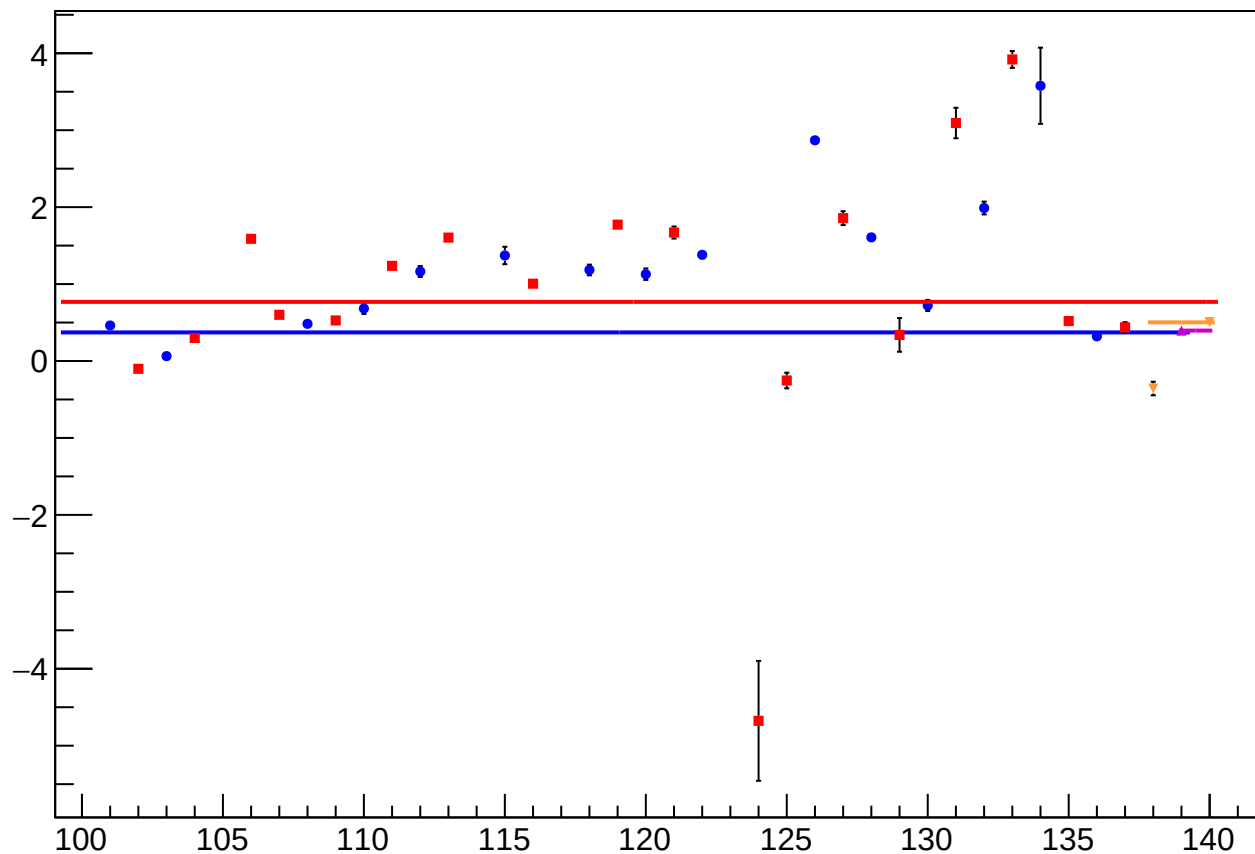
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 10.005+/-0.044 χ^2/NDF :138121.8/15

Out: 23.987+/-0.008 χ^2/NDF :112139.0/19

All: 23.515+/-0.008 χ^2/NDF : 348853.3/35

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.503 ± 0.005 χ^2/NDF : 95.2/1

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.395 ± 0.005 χ^2/NDF : 0.0/0

Left: 0.451 ± 0.003 χ^2/NDF : 343.4/2

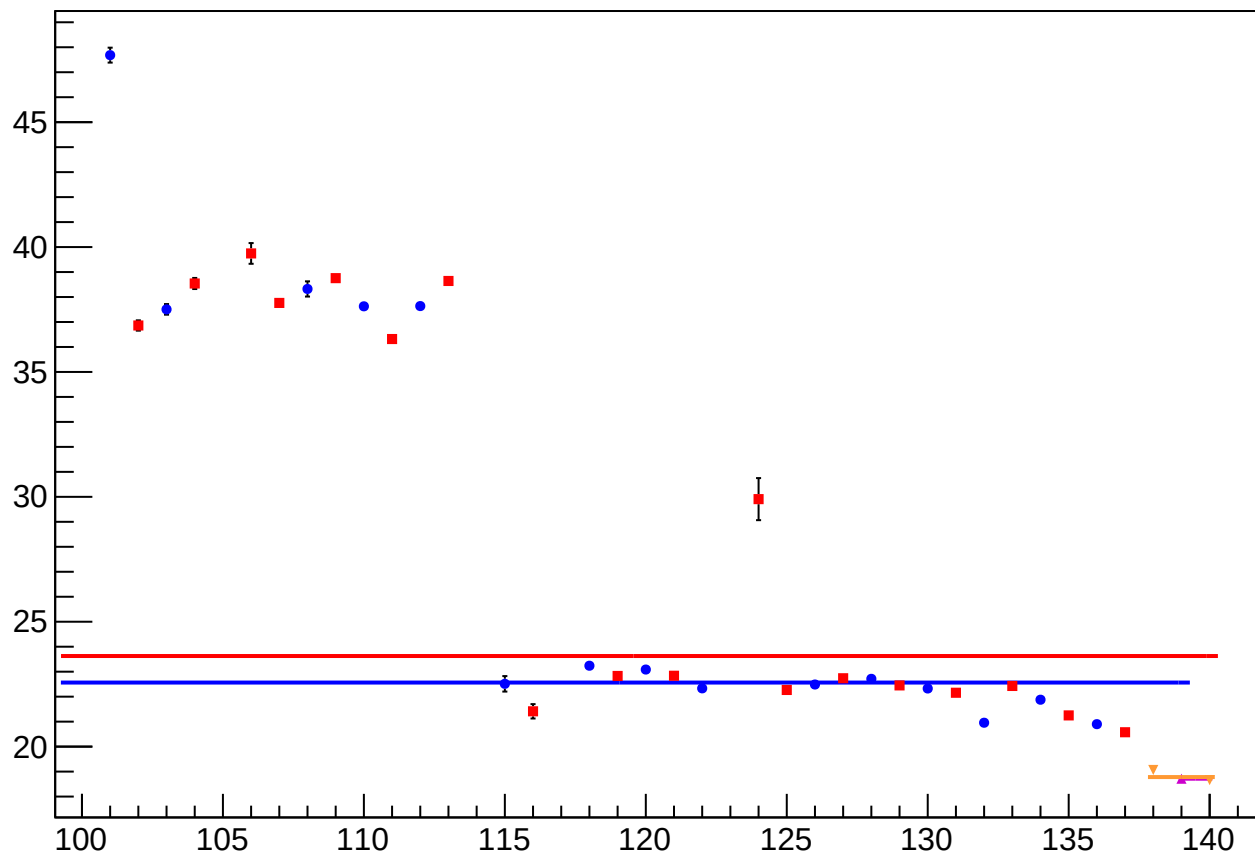
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.382 ± 0.003 χ^2/NDF : 4761.6/15

Out: 0.586 ± 0.004 χ^2/NDF : 5243.0/19

All: 0.466 ± 0.003 χ^2/NDF : 11623.6/35

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 18.781 $\pm$ 0.022 χ^2 /NDF: 71.0/1

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.715 $\pm$ 0.030 χ^2 /NDF: 0.0/0

Left: 18.757 $\pm$ 0.018 χ^2 /NDF: 74.2/2

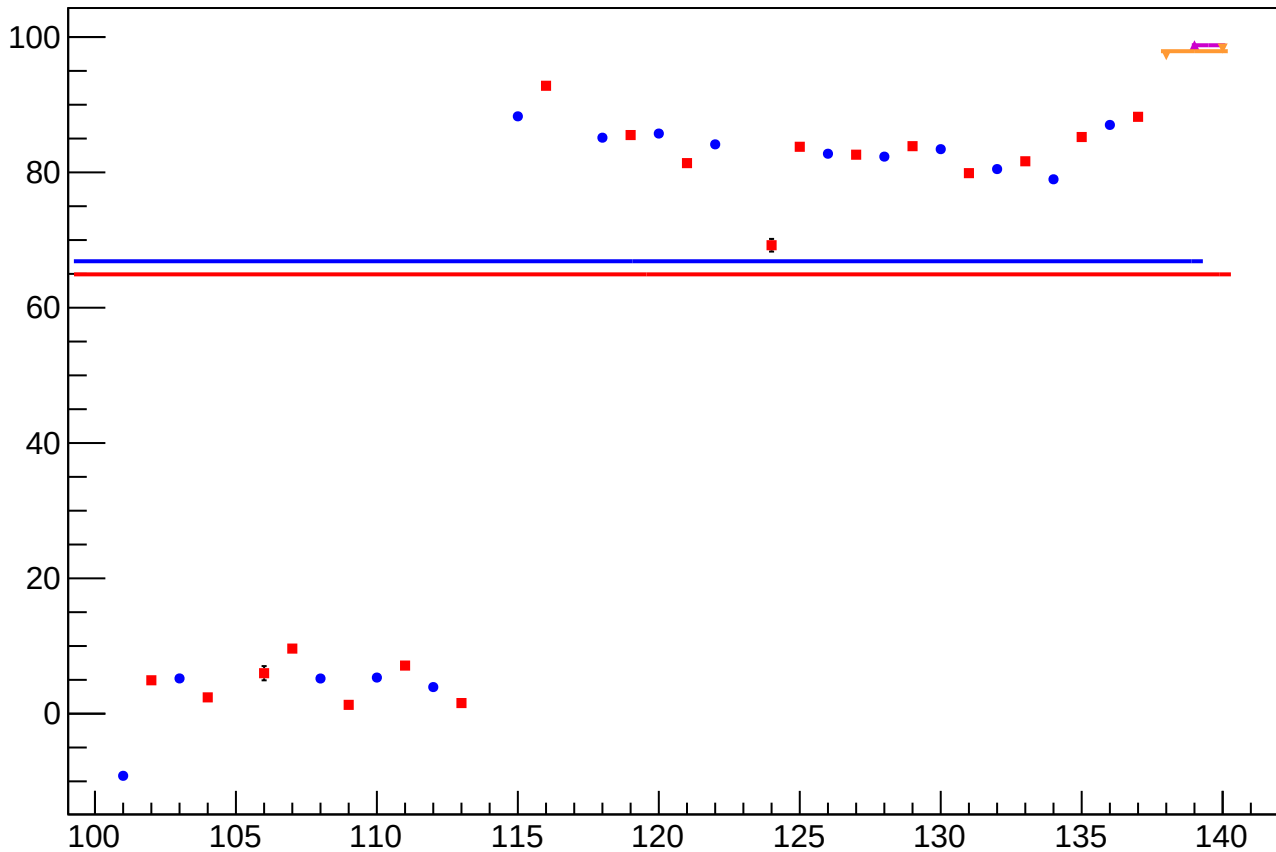
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 22.161 $\pm$ 0.010 χ^2 /NDF: 107870.7/15

Out: 22.640 $\pm$ 0.010 χ^2 /NDF: 161253.5/19

All: 22.391 $\pm$ 0.007 χ^2 /NDF: 270311.3/35

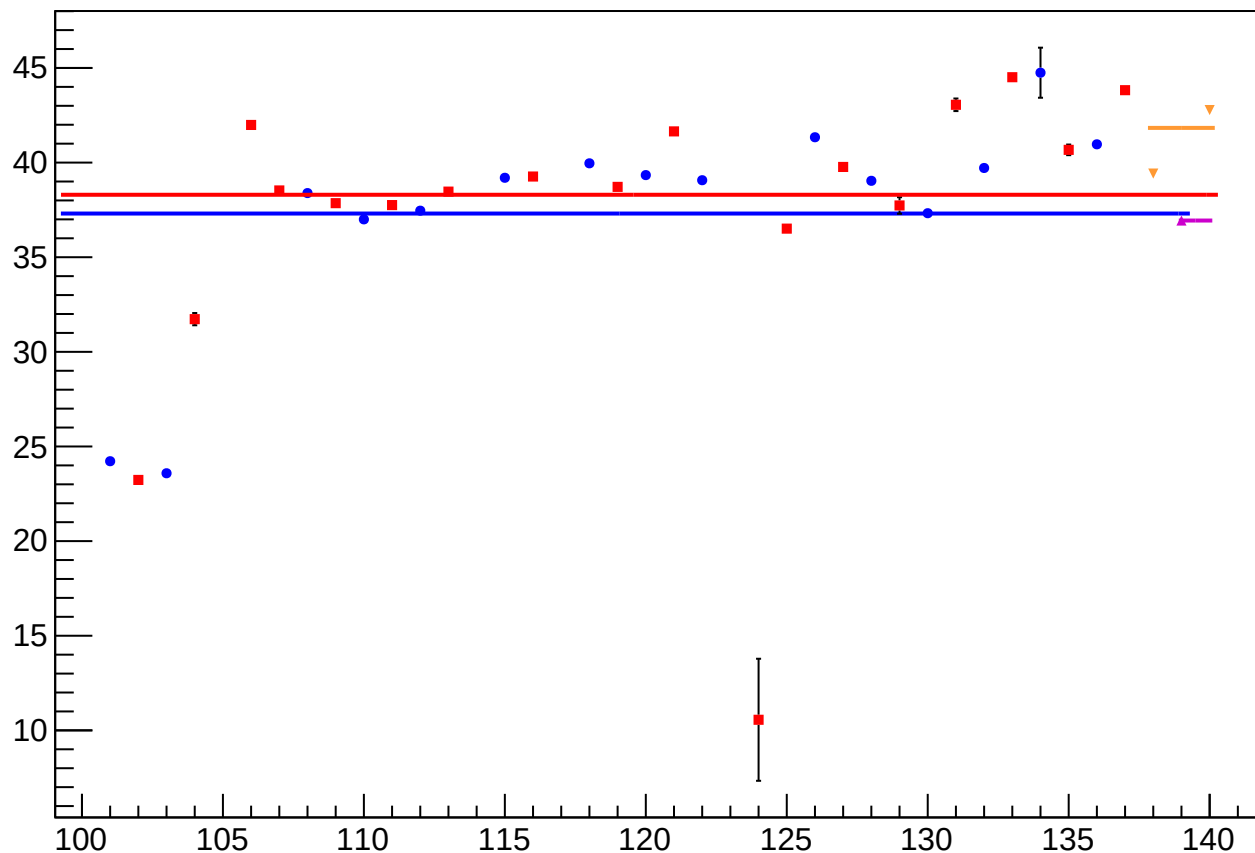
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14
 Left Out: 97.911+/-0.042 χ^2/NDF :134.9/1
 Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17
 Left In: 98.789+/-0.086 χ^2/NDF :0.0/0

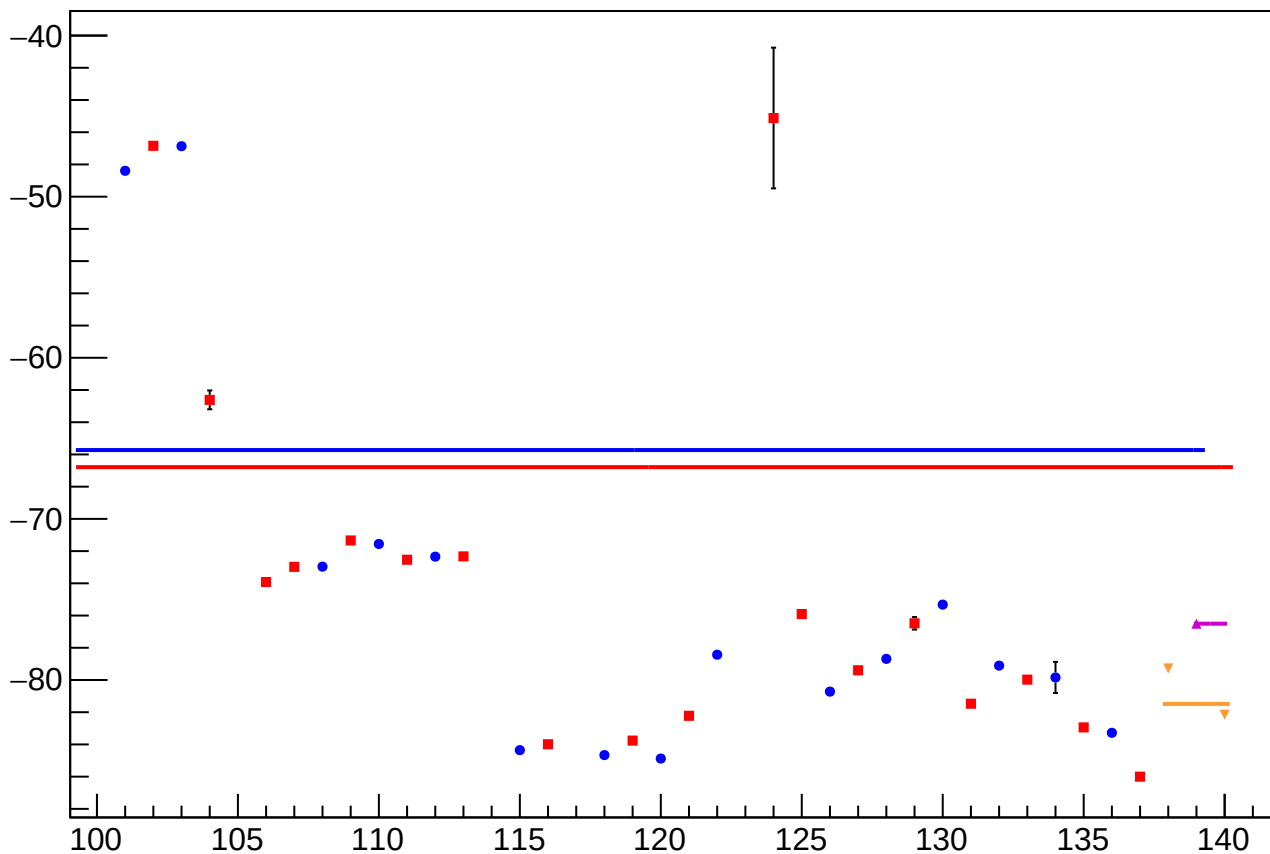
Left: 98.080+/-0.038 χ^2/NDF : 219.4/2
 Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32
 In: 69.750+/-0.026 χ^2/NDF :1619907.3/15
 Out: 75.937+/-0.024 χ^2/NDF :1745567.5/19
 All: 73.034+/-0.018 χ^2/NDF : 3395987.0/35

dit_sam7_4aX_slope vs Slug, Sign Corrected



Left: 38.058 ± 0.061 $\chi^2/\text{NDF}: 1293.3/2$
 Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$
 In: 37.271 ± 0.022 $\chi^2/\text{NDF}: 59605.8/15$
 Out: 38.390 ± 0.020 $\chi^2/\text{NDF}: 19740.0/19$
 All: 37.874 ± 0.015 $\chi^2/\text{NDF}: 80755.1/35$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728±/0.017 χ^2/NDF : 903051.8/14

Left Out: -81.484±/0.106 χ^2/NDF :131.7/1

Right Out: -66.788±/0.016 χ^2/NDF : 809356.5/17

Left In: -76.505±/0.054 χ^2/NDF :0.0/0

Left: -77.525±/0.048 χ^2/NDF : 1885.5/2

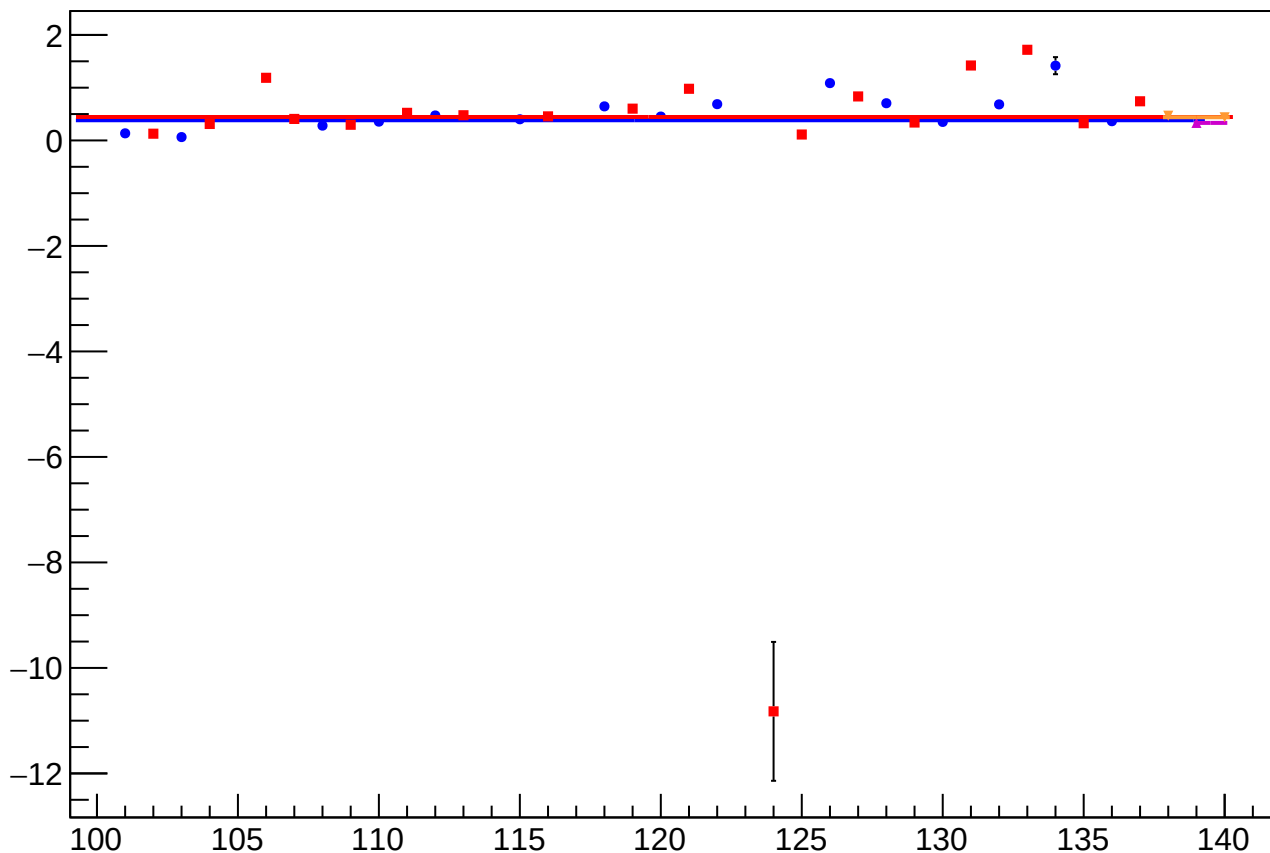
Right: -66.292±/0.012 χ^2/NDF : 1714516.0/32

In: -66.690±/0.016 χ^2/NDF :939586.5/15

Out: -67.108±/0.016 χ^2/NDF :828286.4/19

All: -66.905±/0.011 χ^2/NDF : 1768220.0/35

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.439 ± 0.003 $\chi^2/\text{NDF}: 4.5/1$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.332 ± 0.002 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.379 ± 0.002 $\chi^2/\text{NDF}: 886.0/2$

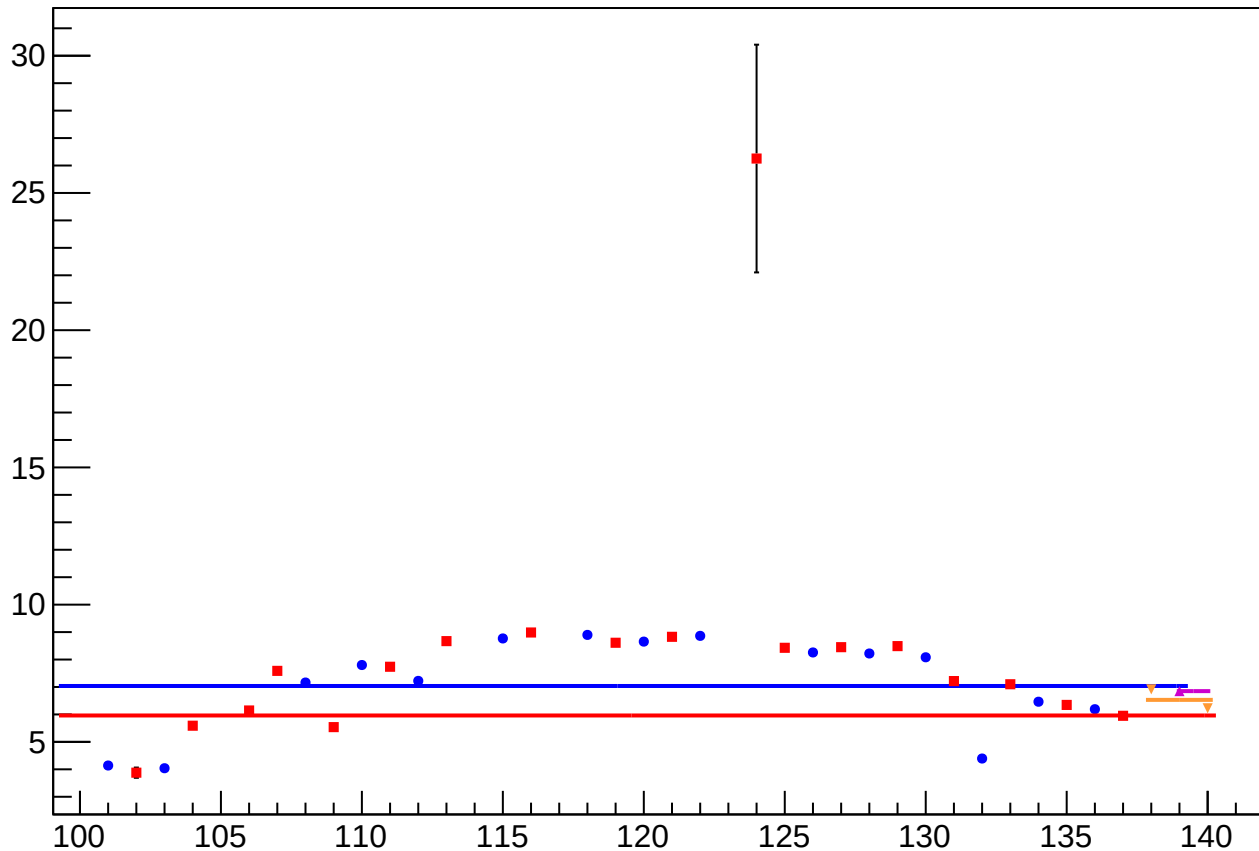
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.363 ± 0.001 $\chi^2/\text{NDF}: 8448.8/15$

Out: 0.441 ± 0.002 $\chi^2/\text{NDF}: 2791.8/19$

All: 0.388 ± 0.001 $\chi^2/\text{NDF}: 12113.9/35$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.530+/-0.008 χ^2/NDF :2038.6/1

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.849+/-0.009 χ^2/NDF :0.0/0

Left: 6.657+/-0.006 χ^2/NDF : 2739.5/2

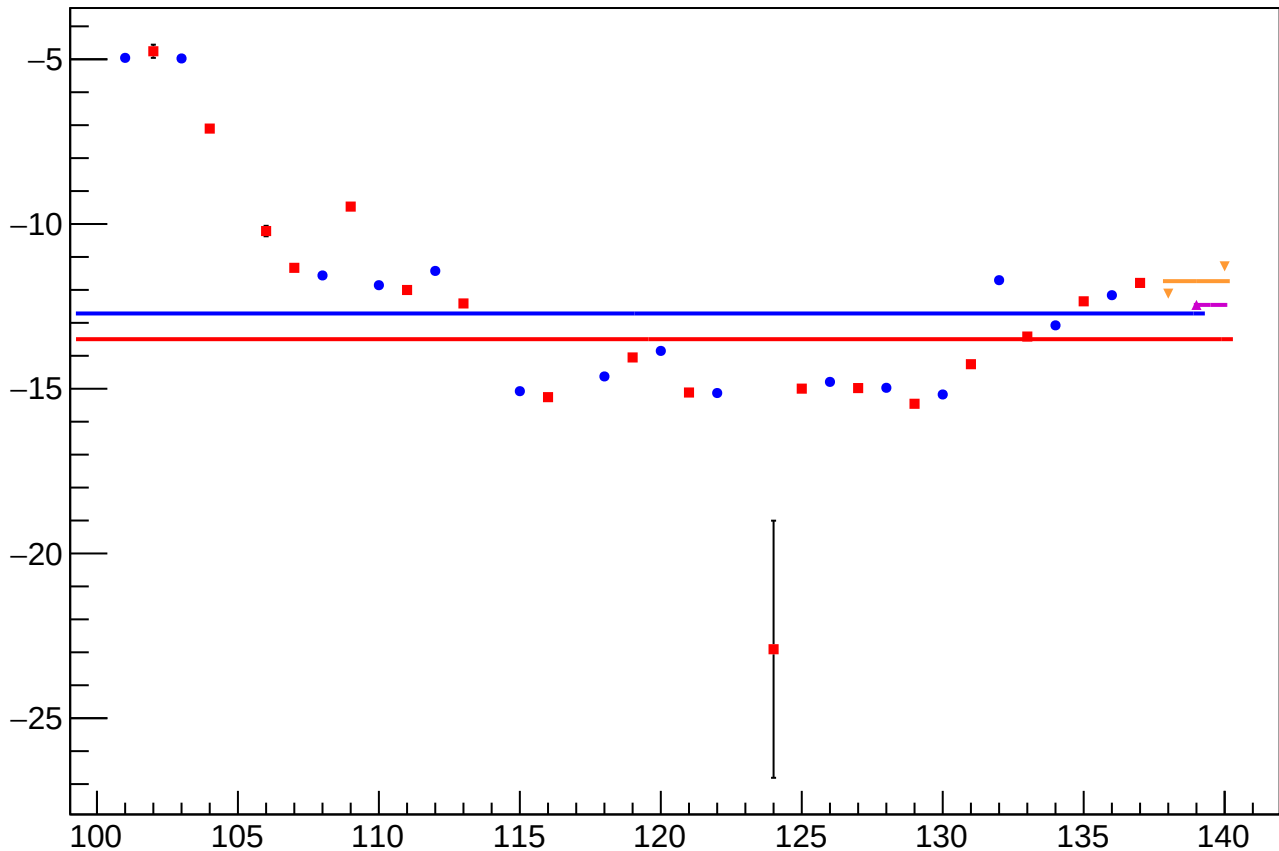
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 7.001+/-0.004 χ^2/NDF :70229.8/15

Out: 5.963+/-0.000 χ^2/NDF :176010.6/19

All: 5.974+/-0.000 χ^2/NDF : 310527.4/35

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.734 $\pm$ 0.009 χ^2 /NDF:2126.1/1

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -12.455 $\pm$ 0.018 χ^2 /NDF:0.0/0

Left: -11.879 $\pm$ 0.008 χ^2 /NDF: 3428.0/2

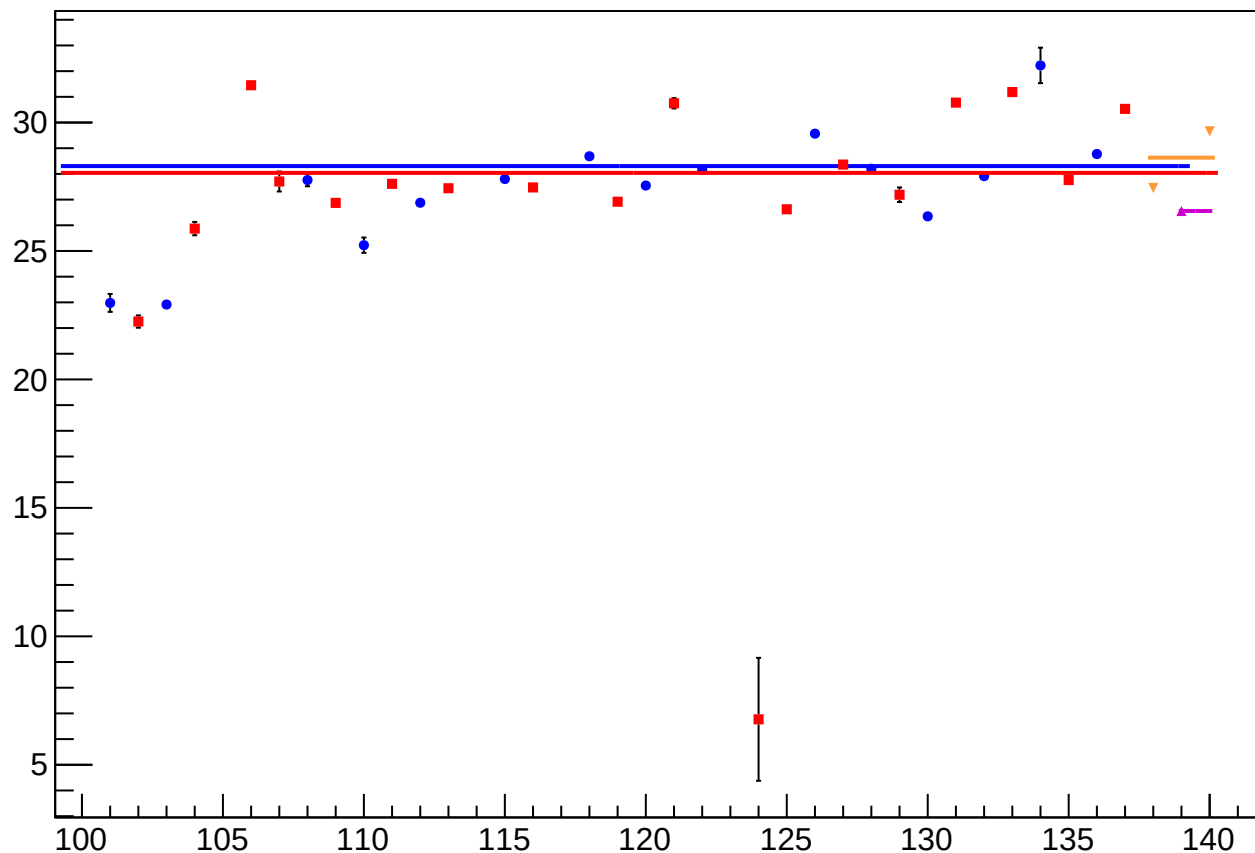
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.686 $\pm$ 0.006 χ^2 /NDF:85407.4/15

Out: -12.974 $\pm$ 0.005 χ^2 /NDF:85108.9/19

All: -12.860 $\pm$ 0.004 χ^2 /NDF: 171900.5/35

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 χ^2/NDF : 3400.0/14

Left Out: 28.632 ± 0.081 χ^2/NDF : 183.2/1

Right Out: 28.040 ± 0.030 χ^2/NDF : 2561.5/17

Left In: 26.557 ± 0.054 χ^2/NDF : 0.0/0

Left: 27.185 ± 0.045 χ^2/NDF : 638.5/2

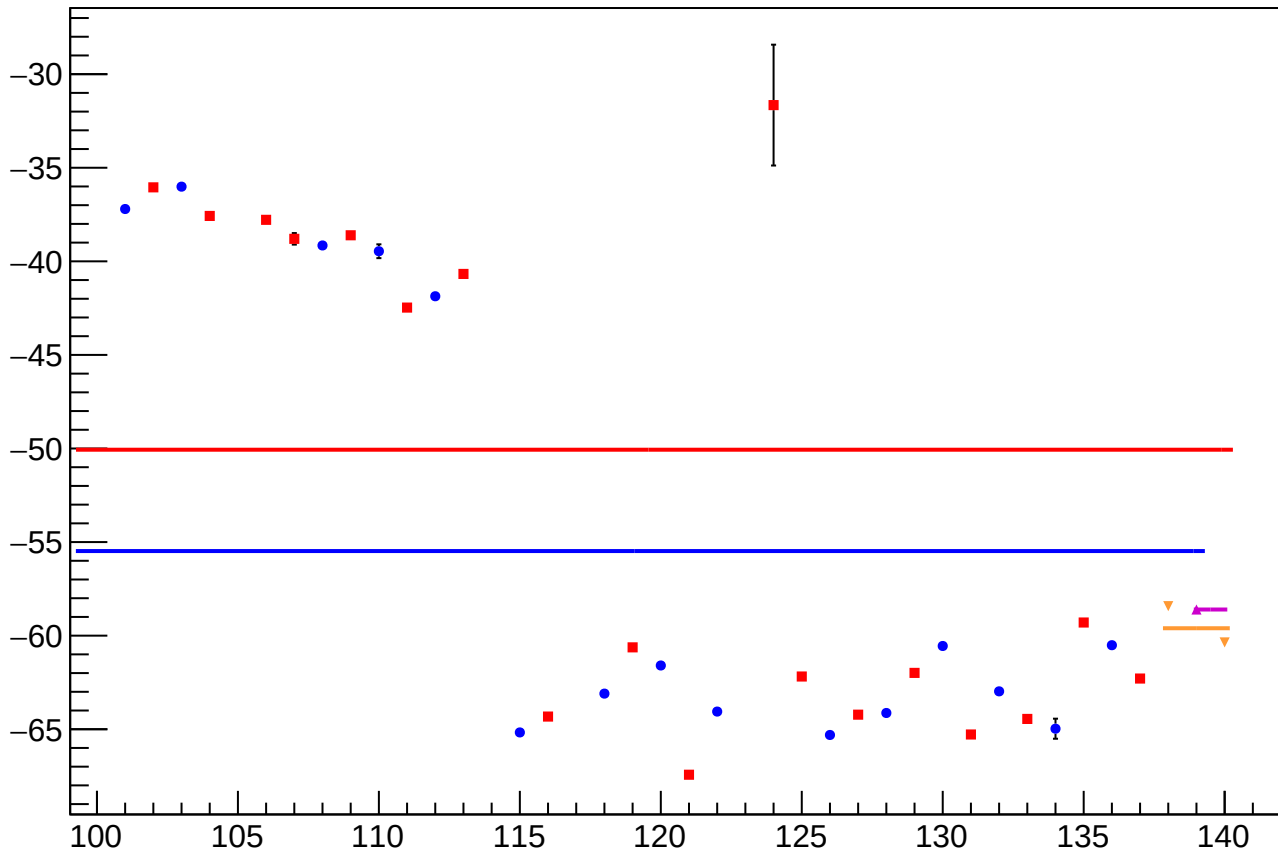
Right: 28.207 ± 0.018 χ^2/NDF : 6009.6/32

In: 28.030 ± 0.021 χ^2/NDF : 4298.8/15

Out: 28.112 ± 0.028 χ^2/NDF : 2791.4/19

All: 28.059 ± 0.017 χ^2/NDF : 7095.6/35

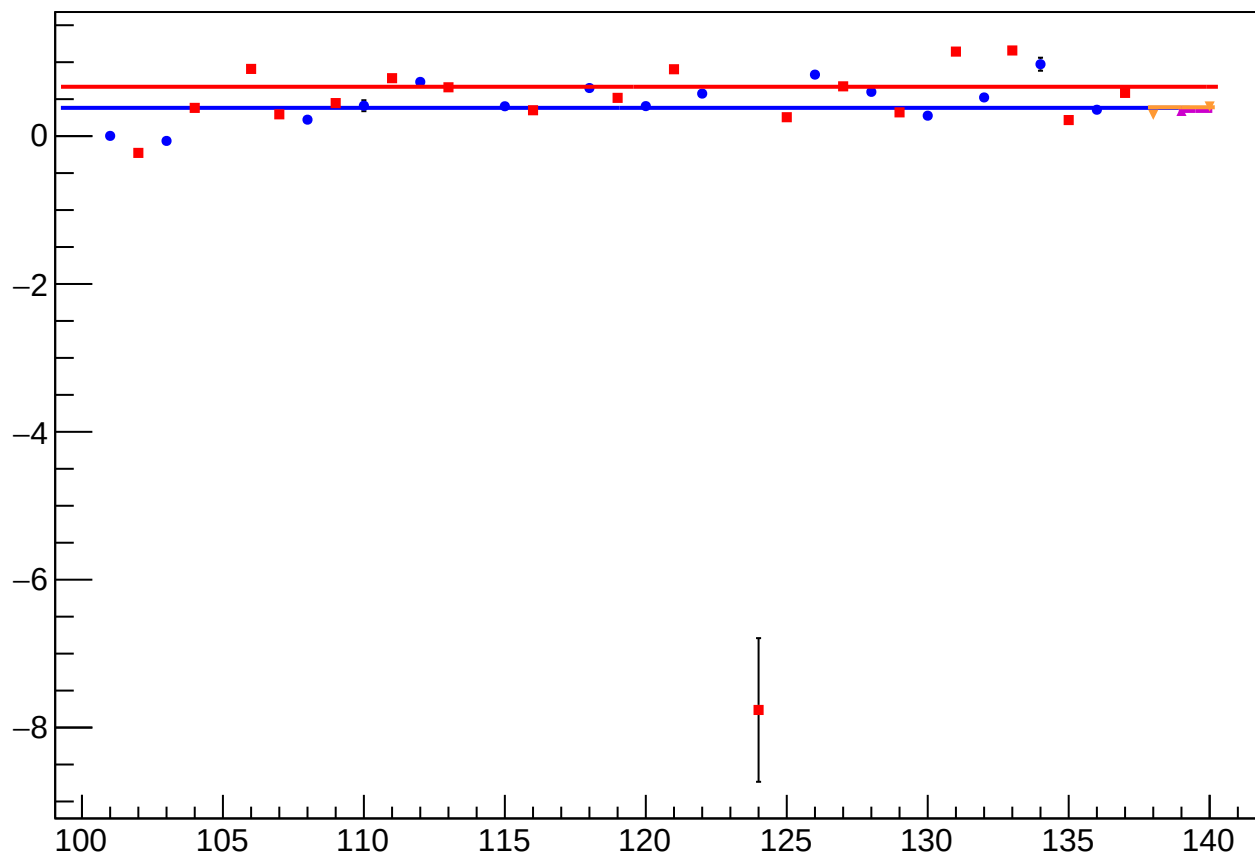
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -59.604 ± 0.070 $\chi^2/\text{NDF}: 182.6/1$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -58.603 ± 0.088 $\chi^2/\text{NDF}: 0.0/0$

Left: -59.217 ± 0.055 $\chi^2/\text{NDF}: 261.8/2$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -55.586 ± 0.016 $\chi^2/\text{NDF}: 596354.1/15$
 Out: -51.005 ± 0.022 $\chi^2/\text{NDF}: 357046.6/19$
 All: -53.961 ± 0.013 $\chi^2/\text{NDF}: 981492.8/35$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.390 ± 0.003 $\chi^2/\text{NDF}: 167.7/1$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.341 ± 0.003 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.367 ± 0.002 $\chi^2/\text{NDF}: 339.4/2$

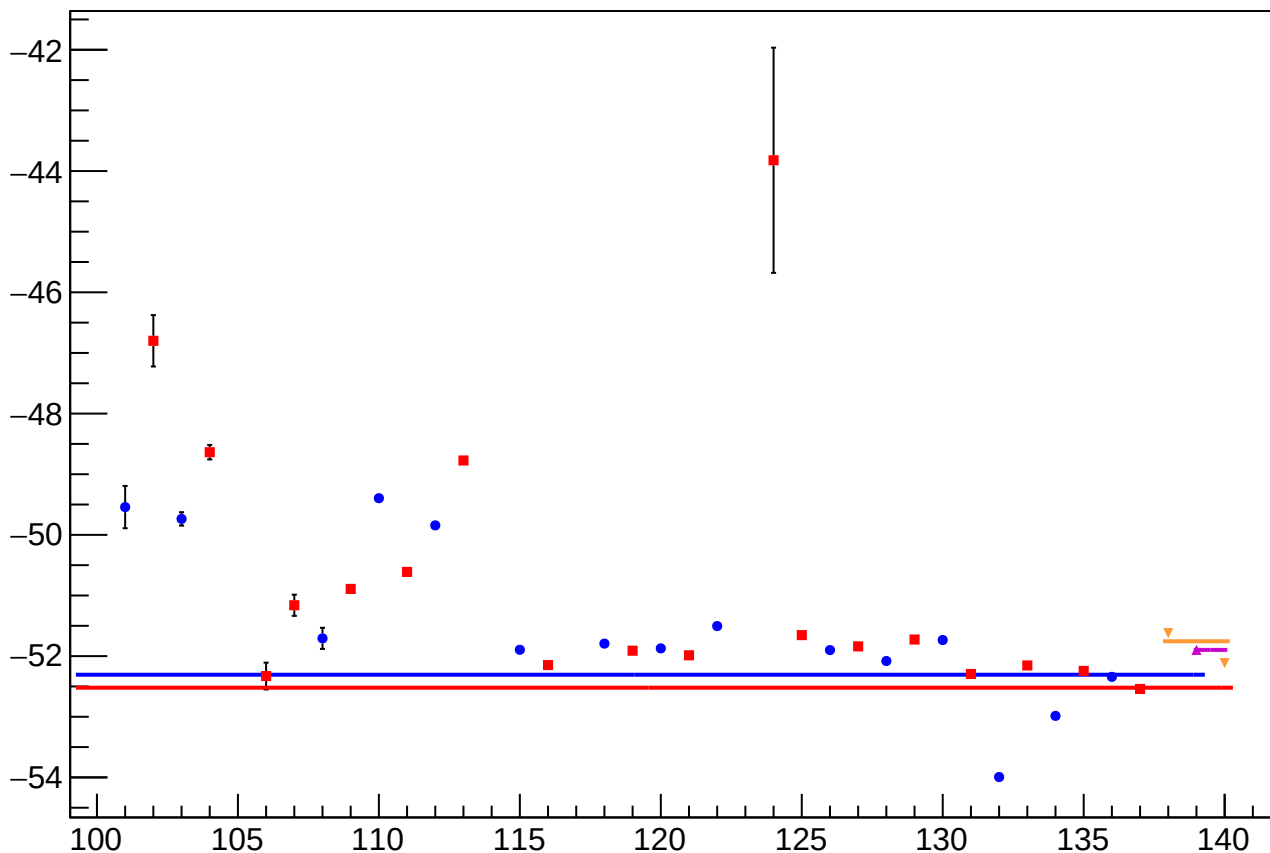
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.372 ± 0.001 $\chi^2/\text{NDF}: 4764.6/15$

Out: 0.456 ± 0.002 $\chi^2/\text{NDF}: 6631.8/19$

All: 0.395 ± 0.001 $\chi^2/\text{NDF}: 12420.7/35$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -51.755 ± 0.008 $\chi^2/\text{NDF}: 693.0/1$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -51.897 ± 0.012 $\chi^2/\text{NDF}: 0.0/0$

Left: -51.802 ± 0.007 $\chi^2/\text{NDF}: 789.3/2$

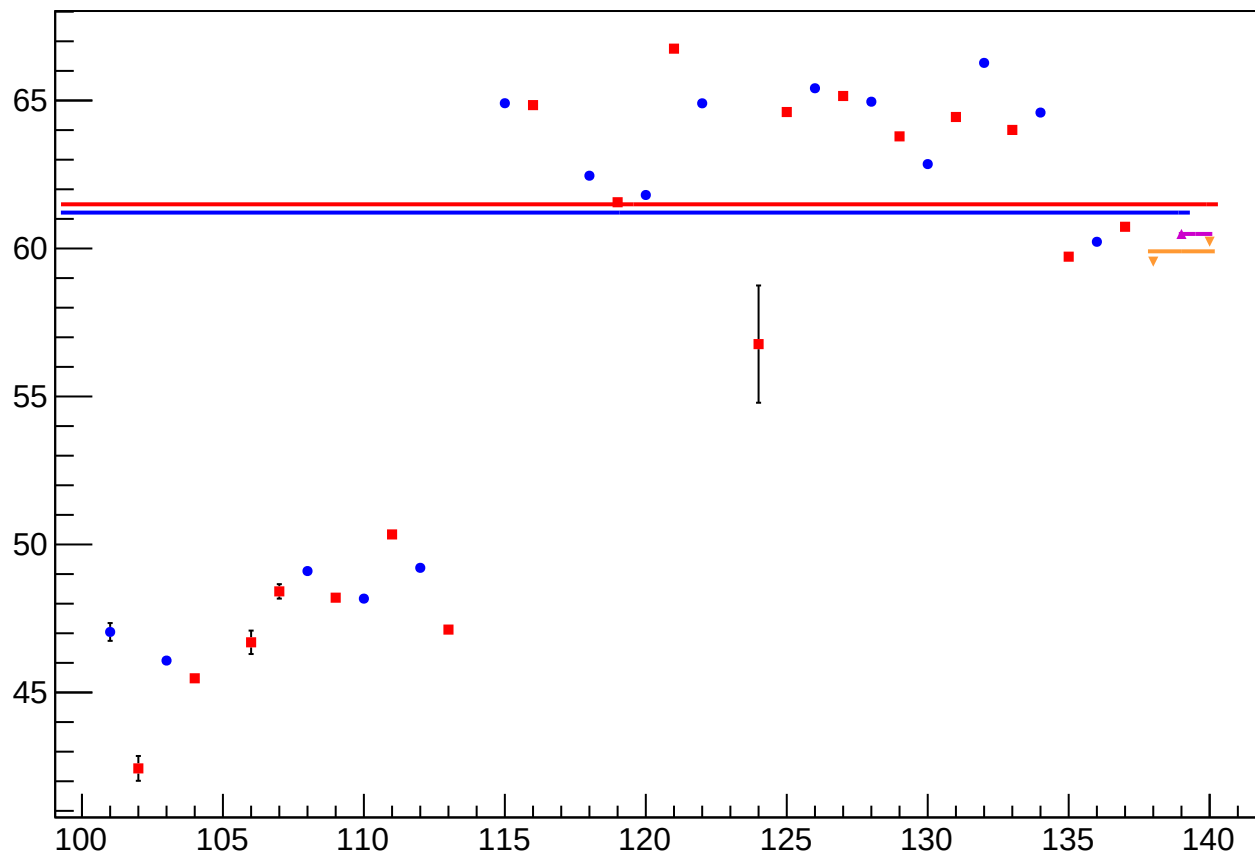
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -52.267 ± 0.004 $\chi^2/\text{NDF}: 26505.2/15$

Out: -52.508 ± 0.001 $\chi^2/\text{NDF}: 23888.4/19$

All: -52.488 ± 0.001 $\chi^2/\text{NDF}: 54304.6/35$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213+/-0.010 χ^2/NDF : 156624.5/14

Left Out: 59.904+/-0.014 χ^2/NDF : 578.5/1

Right Out: 61.493+/-0.007 χ^2/NDF : 243479.8/17

Left In: 60.491+/-0.061 χ^2/NDF : 0.0/0

Left: 59.934+/-0.014 χ^2/NDF : 667.3/2

Right: 61.405+/-0.006 χ^2/NDF : 400649.5/32

In: 61.194+/-0.010 χ^2/NDF : 156761.9/15

Out: 61.196+/-0.006 χ^2/NDF : 254494.8/19

All: 61.196+/-0.005 χ^2/NDF : 411256.7/35

dit_4aX_coil1_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

dit_4aX_coil1_err_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

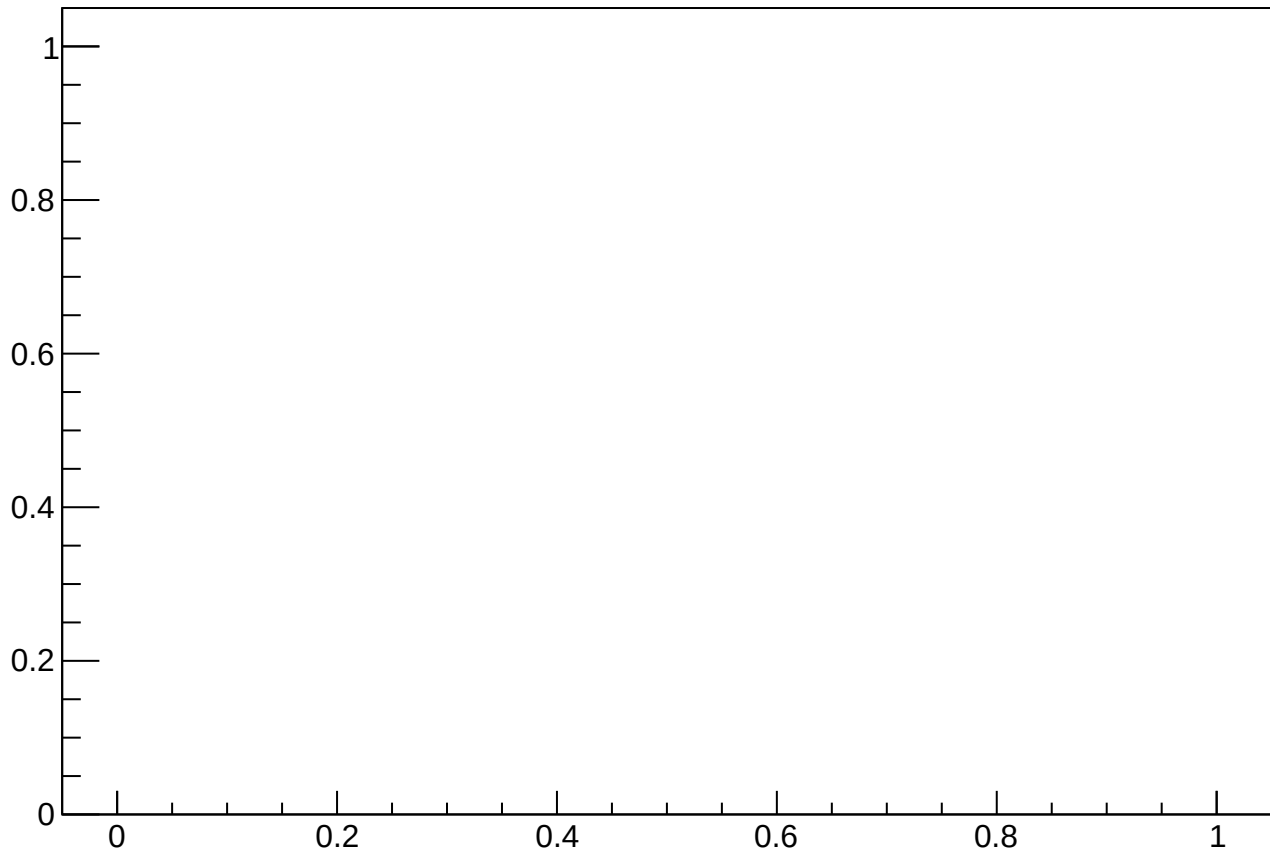
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aX_coil1_Ndata_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

dit_4eX_coil1_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

dit_4eX_coil1_err_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

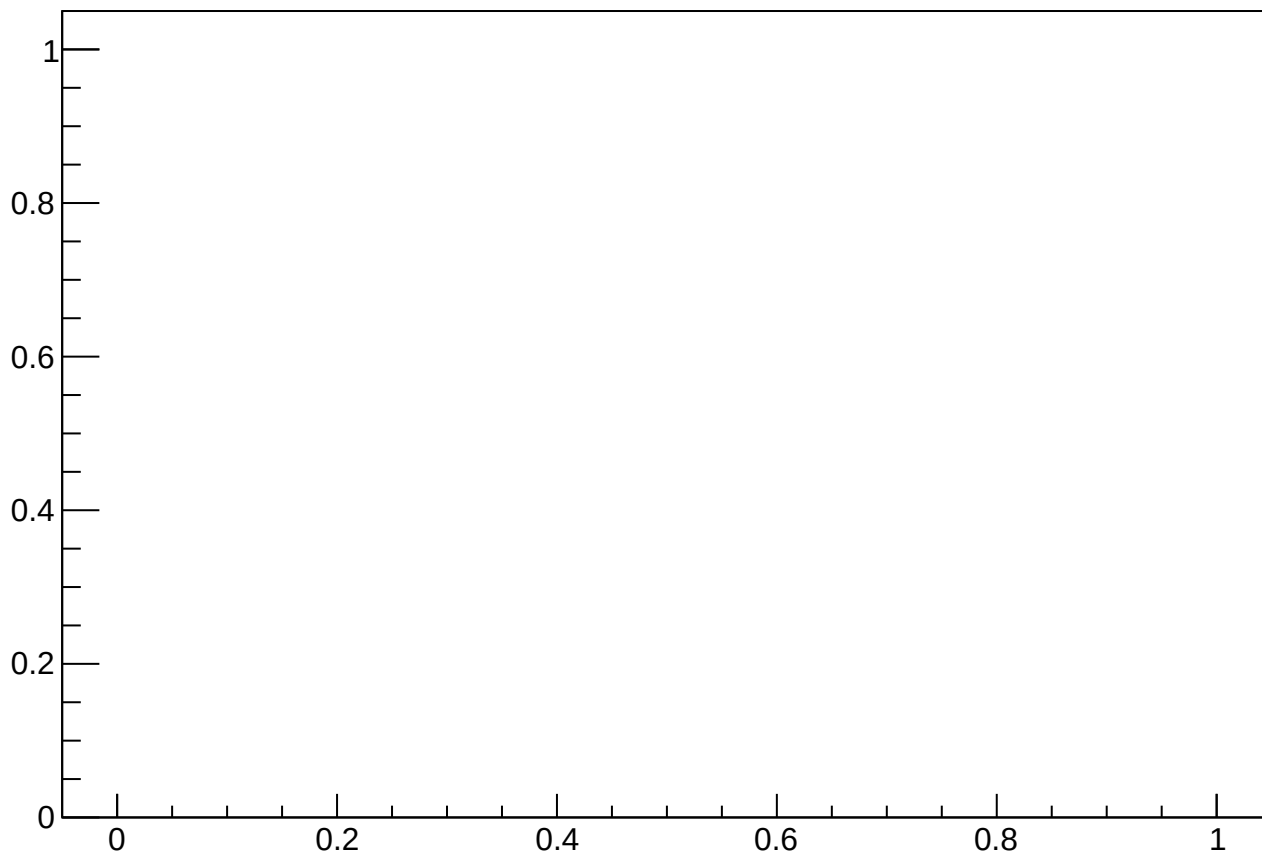
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4eX_coil1_Ndata_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

dit_11X12X_coil1_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

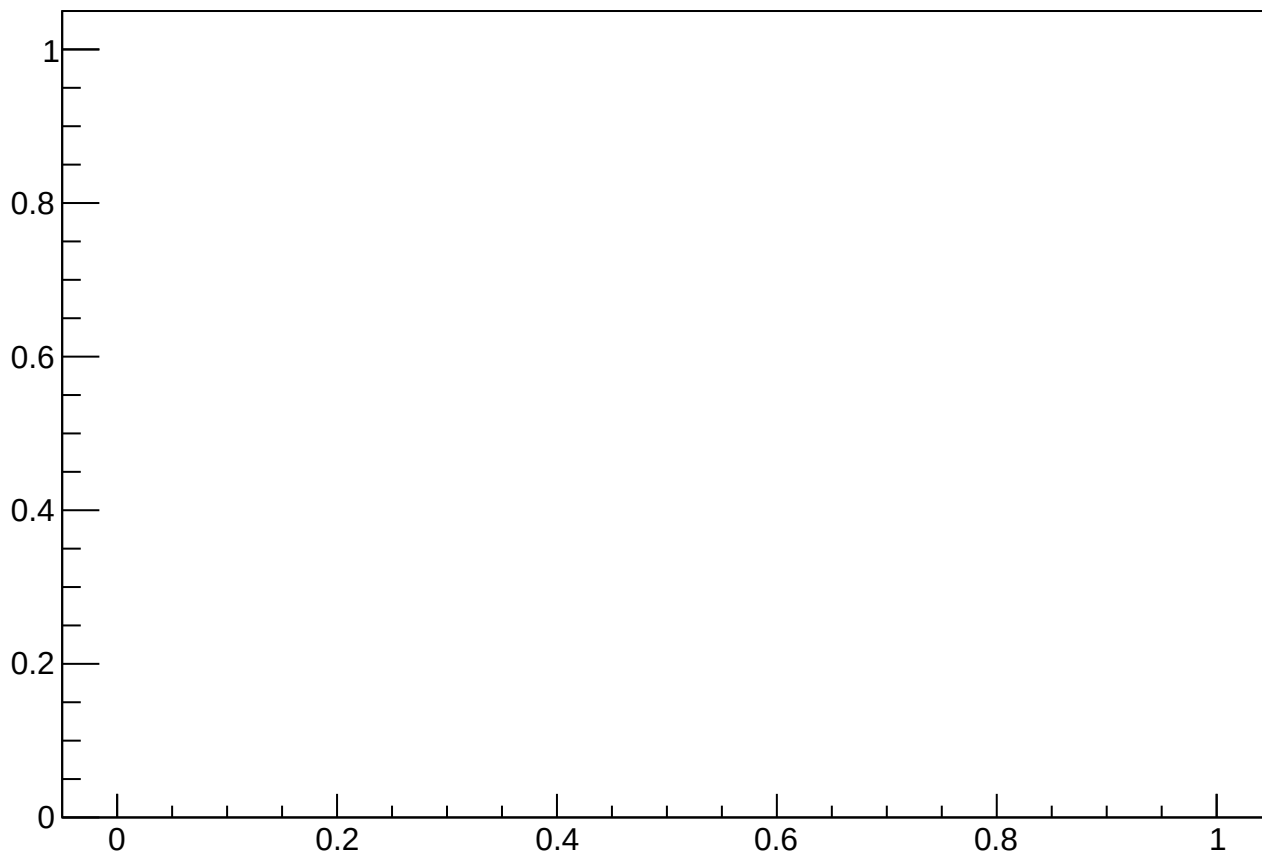
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_11X12X_coil1_err_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

dit_11X12X_coil1_Ndata_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

dit_4aY_coil1_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

dit_4aY_coil1_err_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

dit_4aY_coil1_Ndata_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

dit_4eY_coil1_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

dit_4eY_coil1_err_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

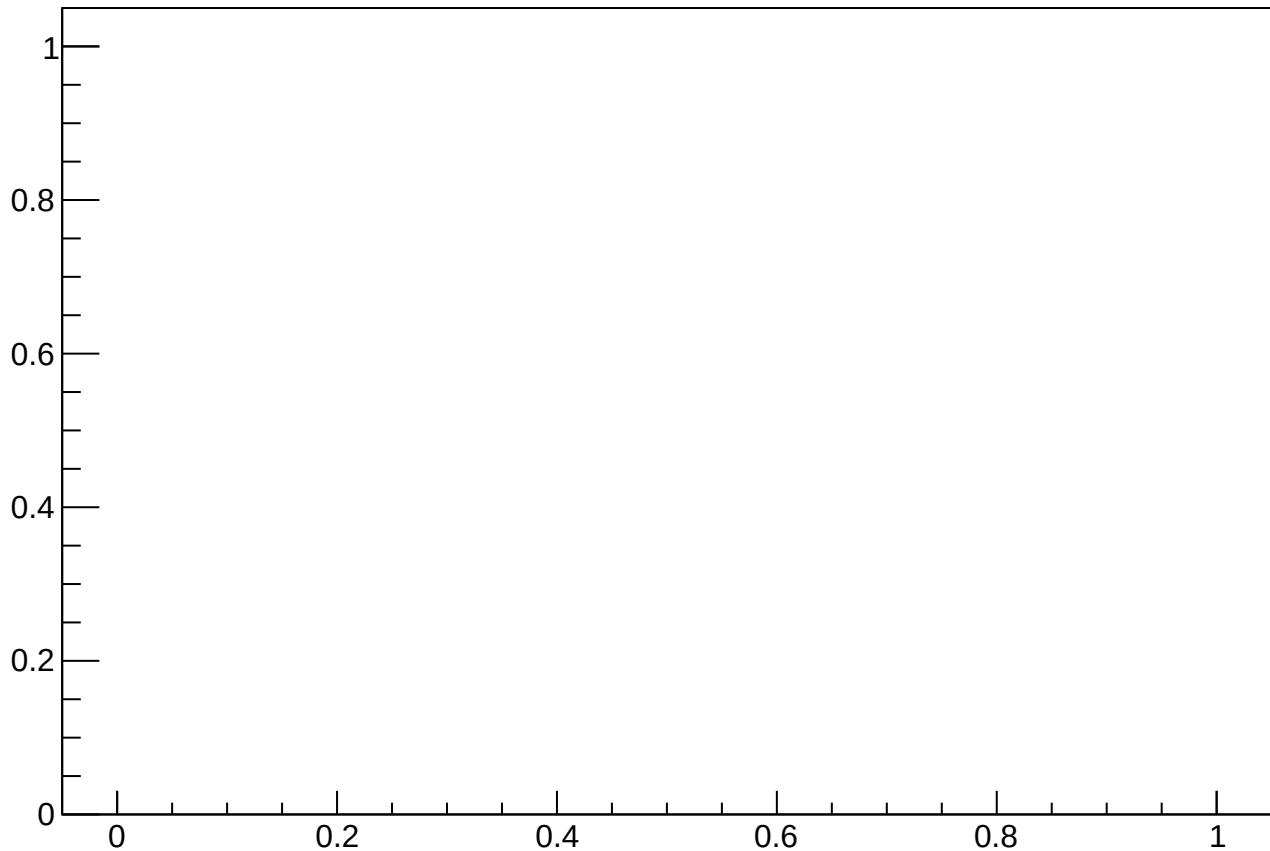
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4eY_coil1_Ndata_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

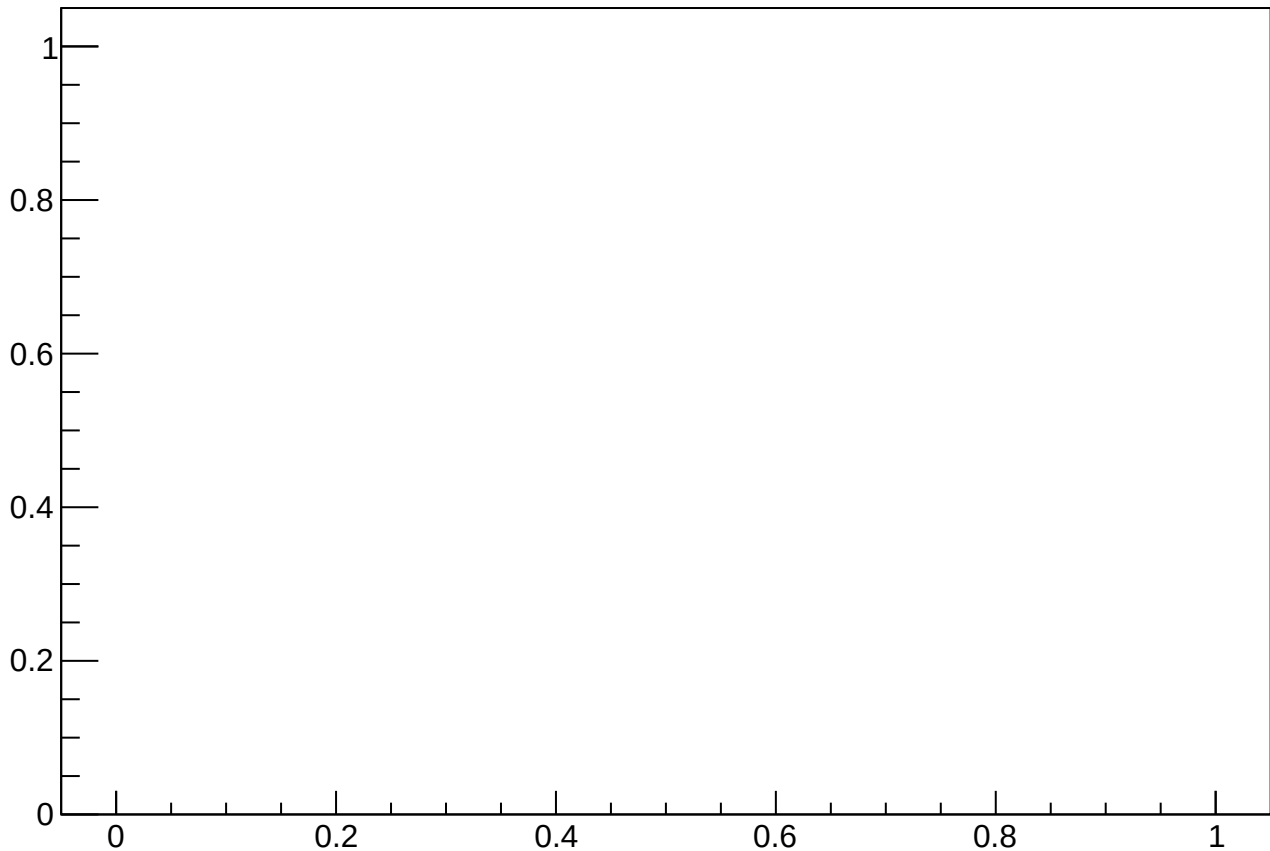
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usl_coil1_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

dit_usl_coil1_err_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

dit_usl_coil1_Ndata_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

dit_usr_coil1_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

dit_usr_coil1_err_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

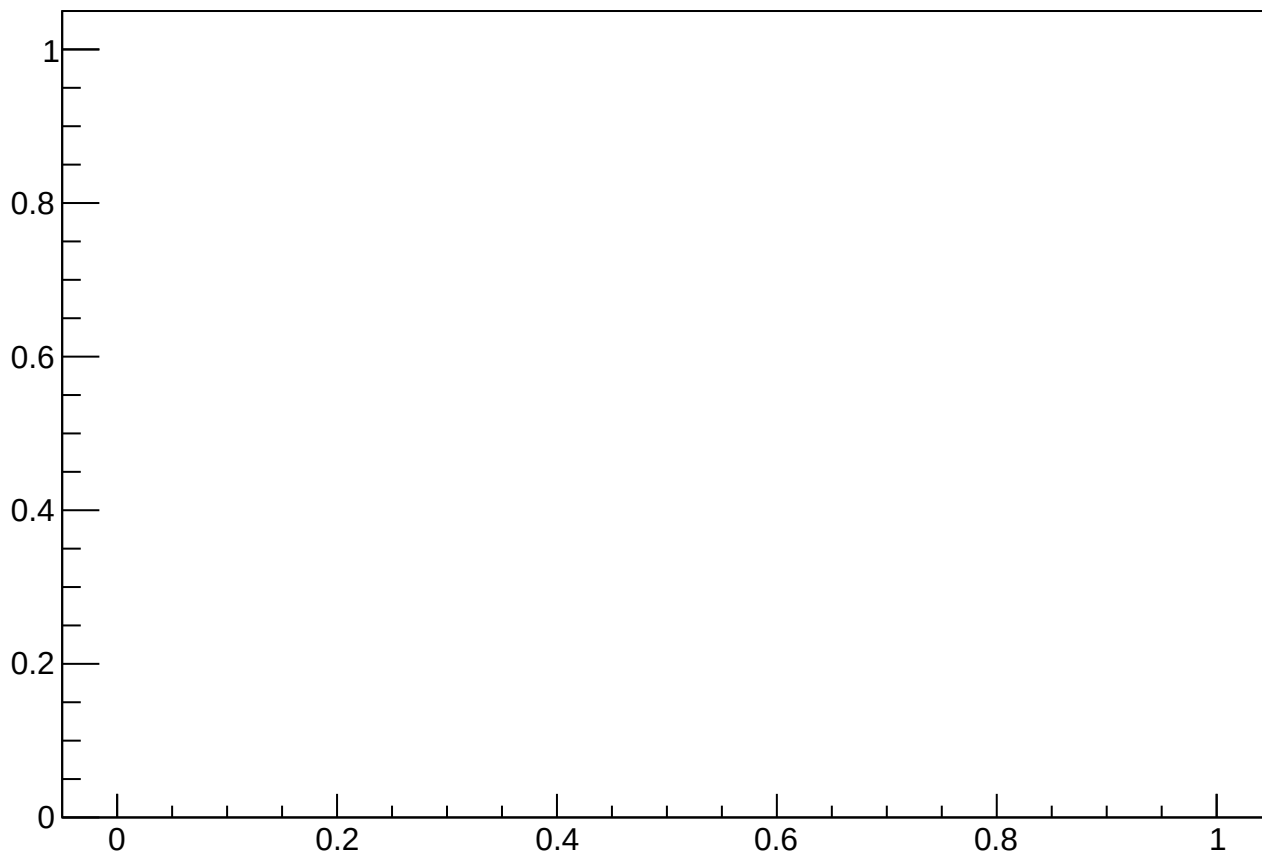
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usr_coil1_Ndata_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

dit_atl1_coil1_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

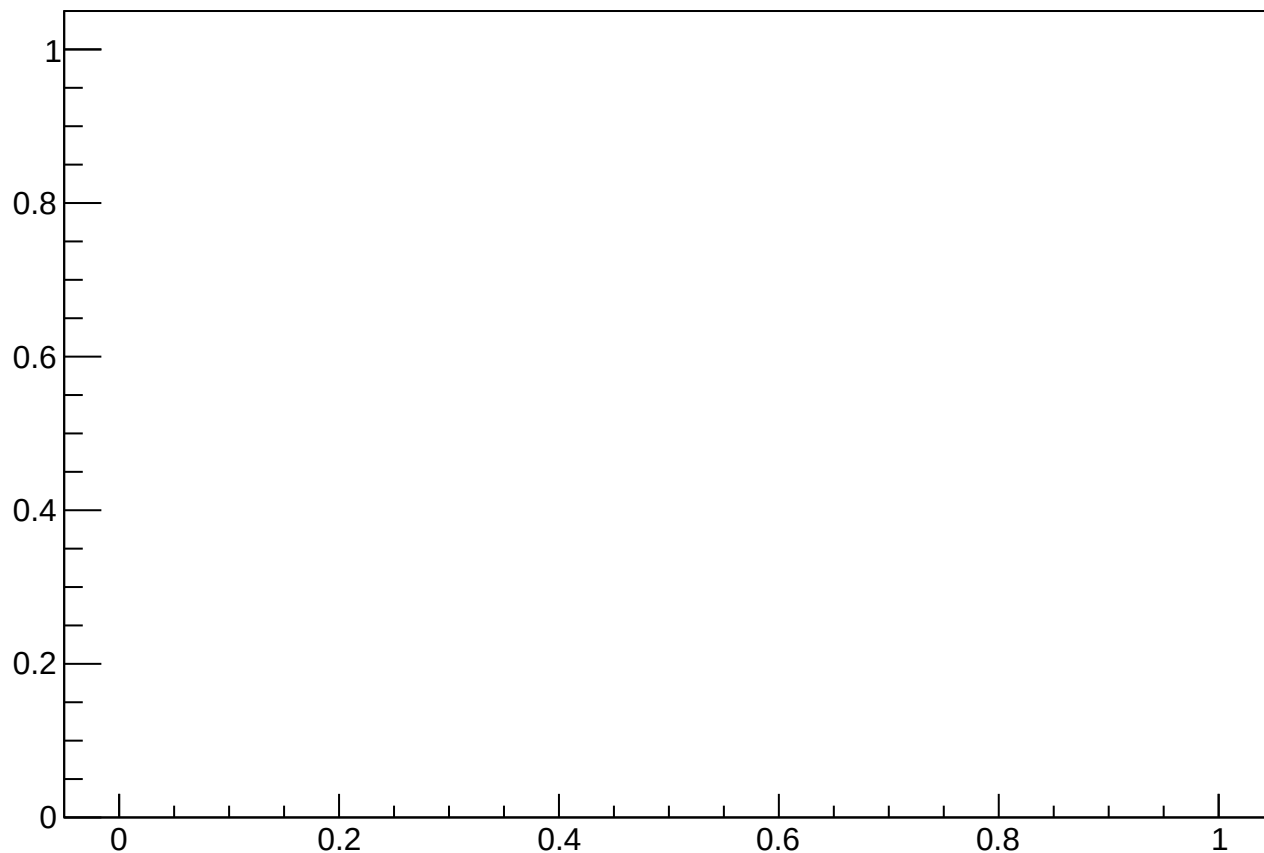
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl1_coil1_err_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

dit_atl1_coil1_Ndata_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

dit_atl2_coil1_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

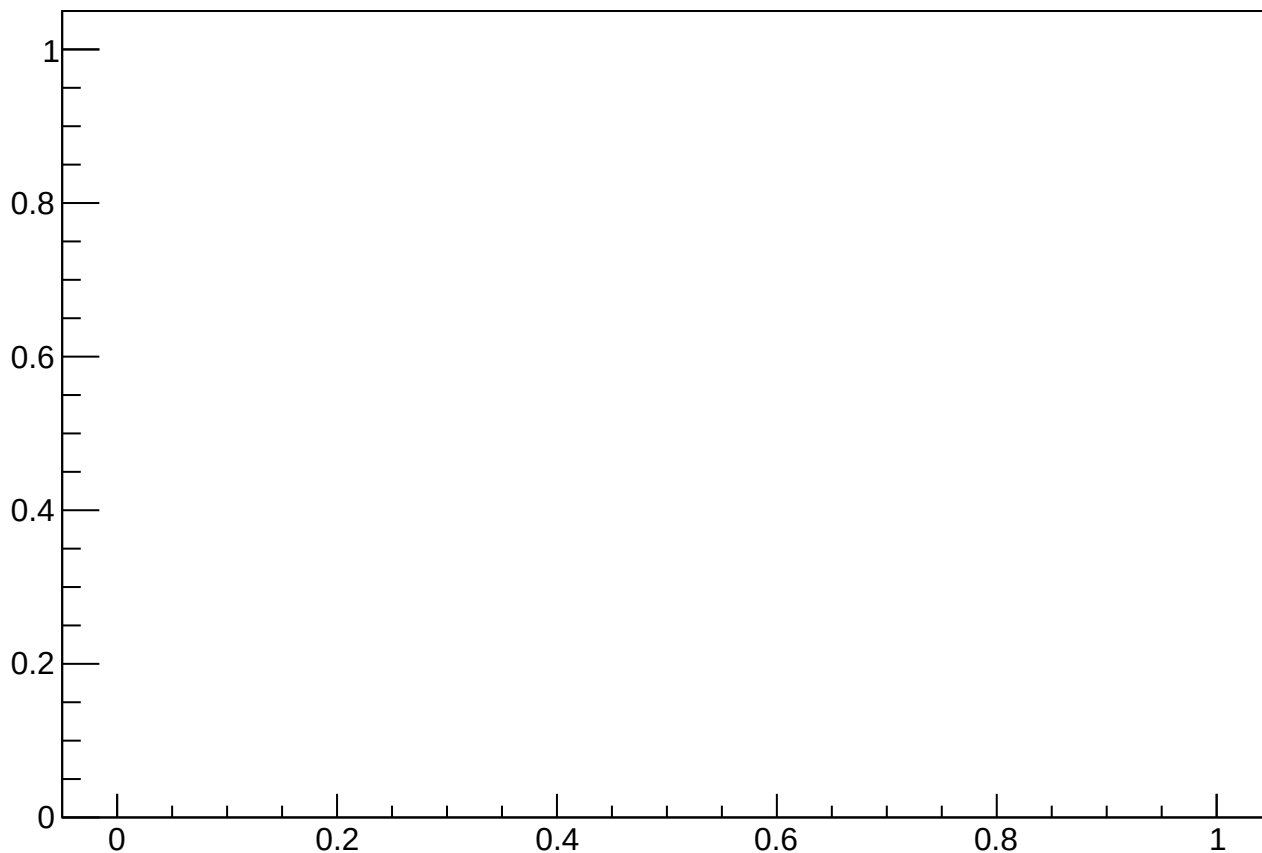
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl2_coil1_err_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

dit_atl2_coil1_Ndata_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

dit_atr1_coil1_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

dit_atr1_coil1_err_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

dit_atr1_coil1_Ndata_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

dit_atr2_coil1_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

dit_atr2_coil1_err_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

dit_atr2_coil1_Ndata_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

dit_sam1_coil1_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

dit_sam1_coil1_err_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

dit_sam1_coil1_Ndata_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

dit_sam2_coil1_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

dit_sam2_coil1_err_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

dit_sam2_coil1_Ndata_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

dit_sam3_coil1_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

dit_sam3_coil1_err_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

dit_sam3_coil1_Ndata_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

dit_sam4_coil1_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

dit_sam4_coil1_err_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

dit_sam4_coil1_Ndata_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

dit_sam5_coil1_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

dit_sam5_coil1_err_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

dit_sam5_coil1_Ndata_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

dit_sam6_coil1_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

dit_sam6_coil1_err_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

dit_sam6_coil1_Ndata_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

dit_sam7_coil1_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

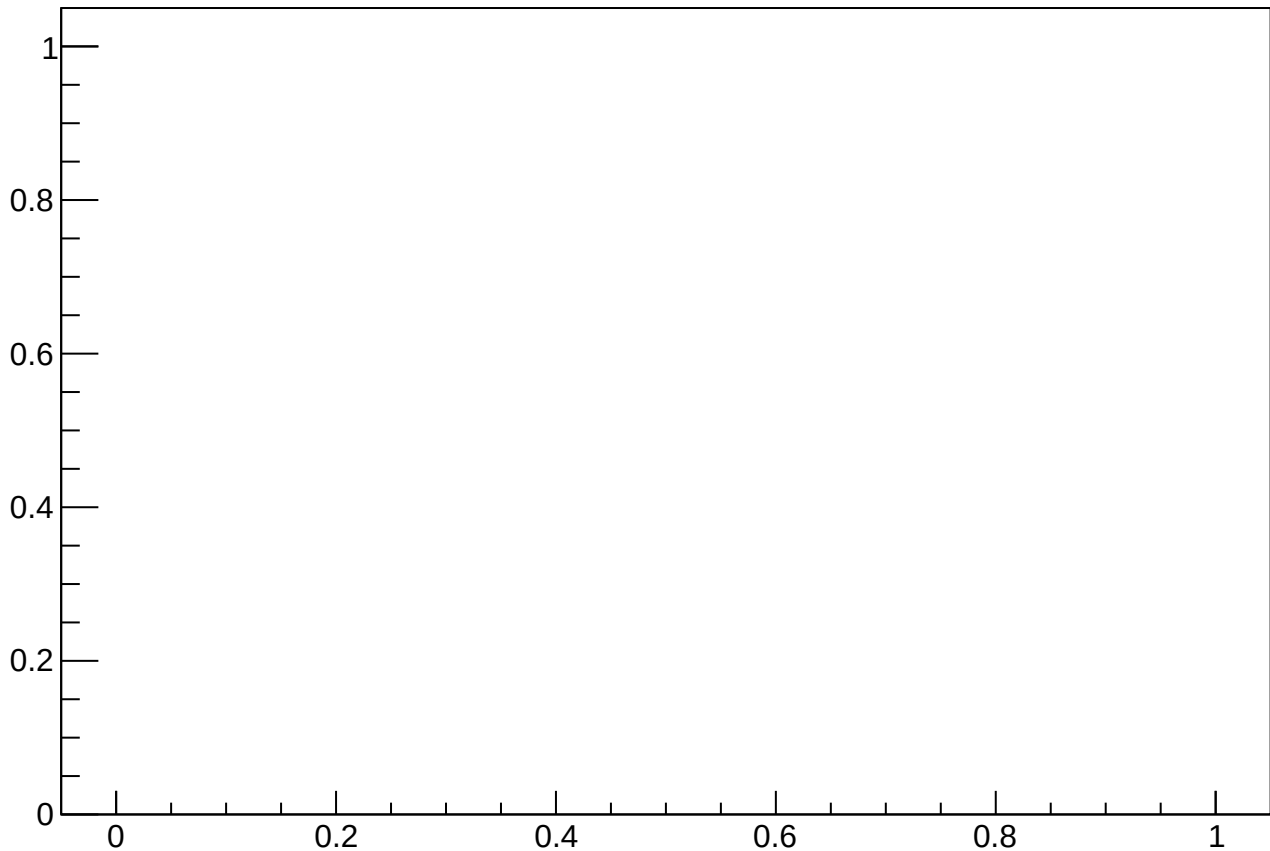
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam7_coil1_err_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

dit_sam7_coil1_Ndata_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

dit_sam8_coil1_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

dit_sam8_coil1_err_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

dit_sam8_coil1_Ndata_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

dit_4aX_coil3_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

dit_4aX_coil3_err_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

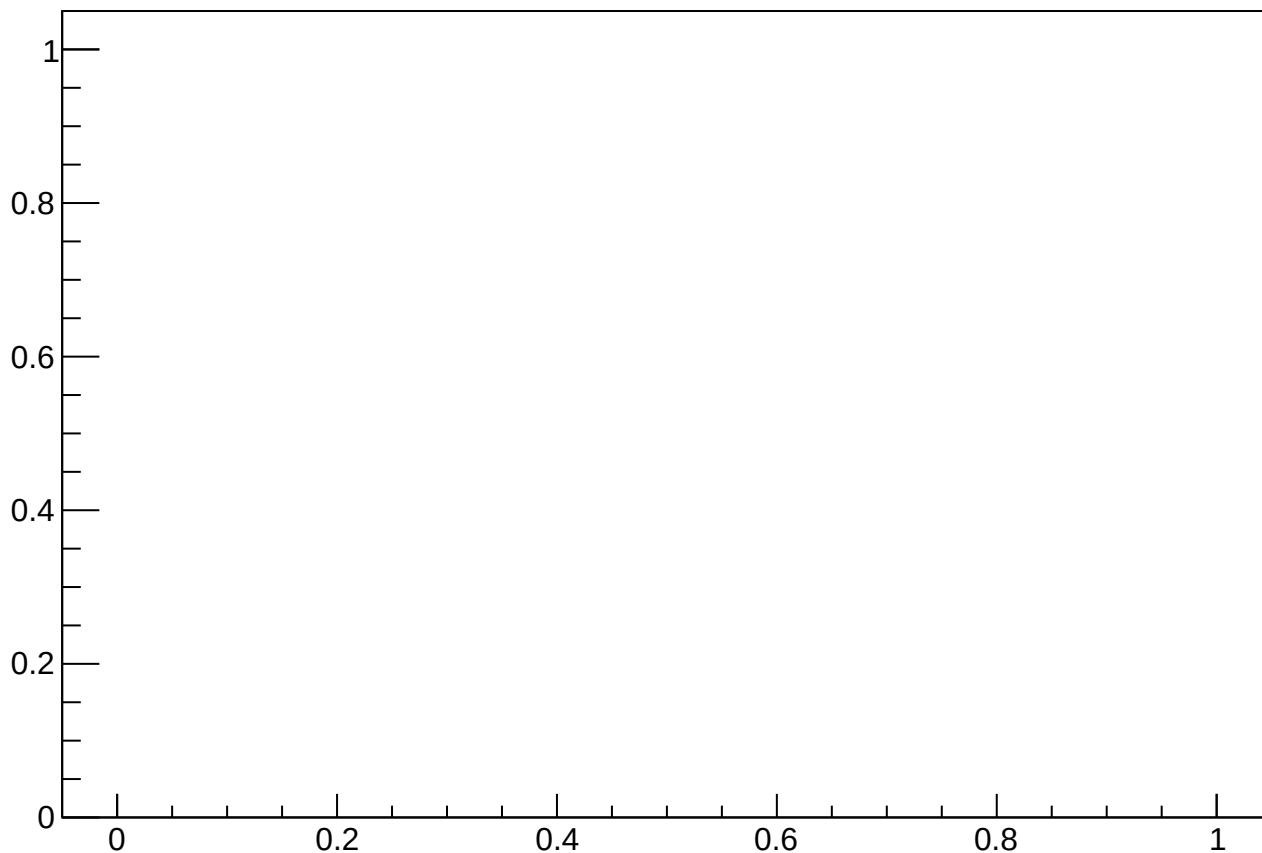
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aX_coil3_Ndata_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

dit_4eX_coil3_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

dit_4eX_coil3_err_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

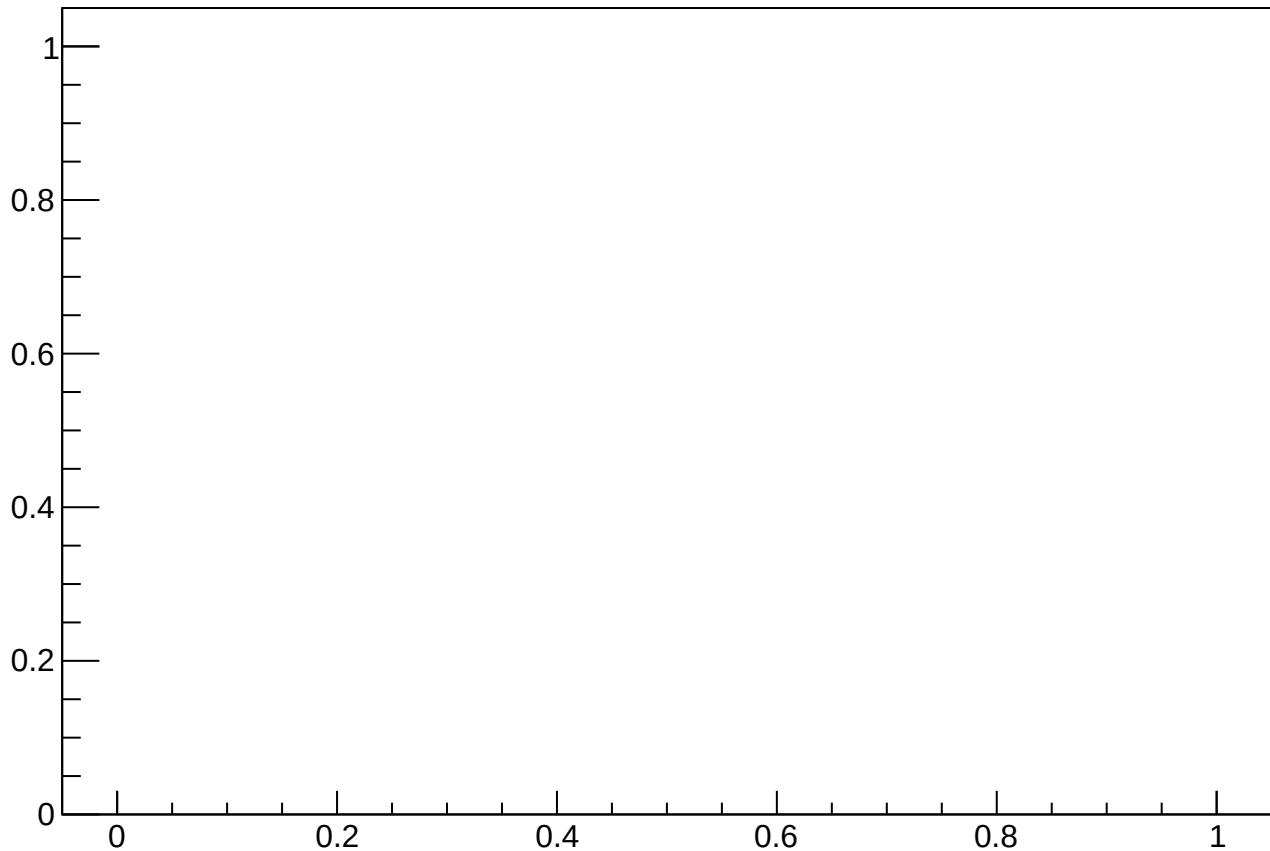
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4eX_coil3_Ndata_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

dit_11X12X_coil3_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

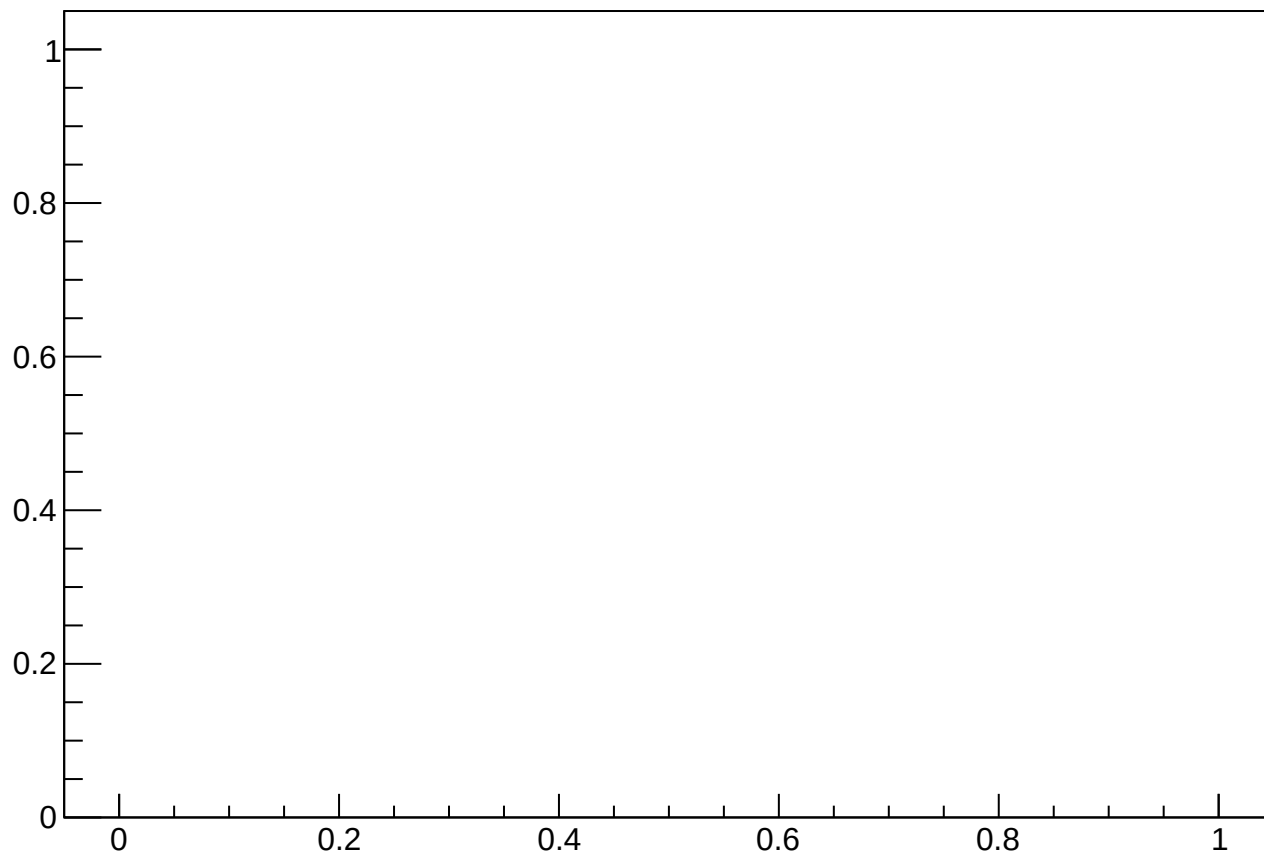
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_11X12X_coil3_err_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

dit_11X12X_coil3_Ndata_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

dit_4aY_coil3_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

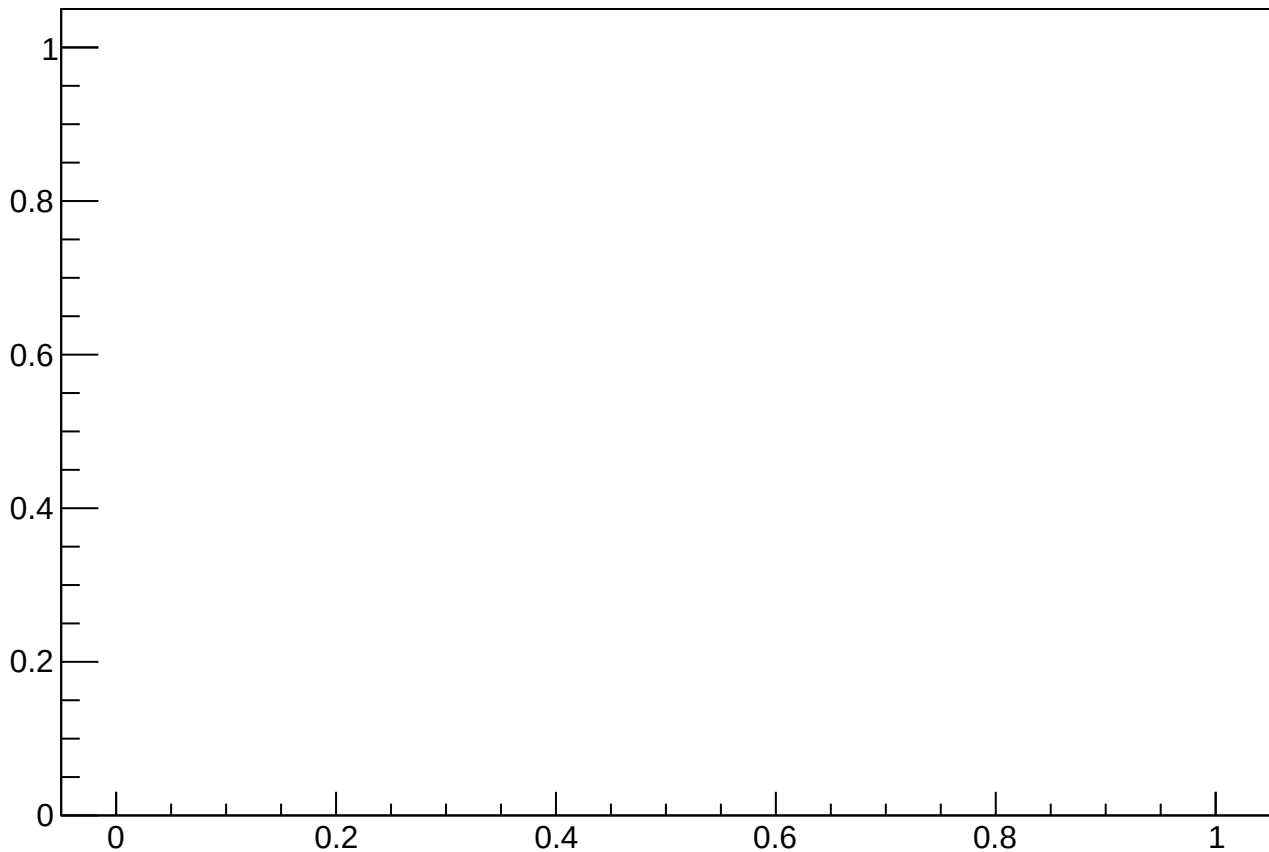
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aY_coil3_err_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

dit_4aY_coil3_Ndata_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

dit_4eY_coil3_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

dit_4eY_coil3_err_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

dit_4eY_coil3_Ndata_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

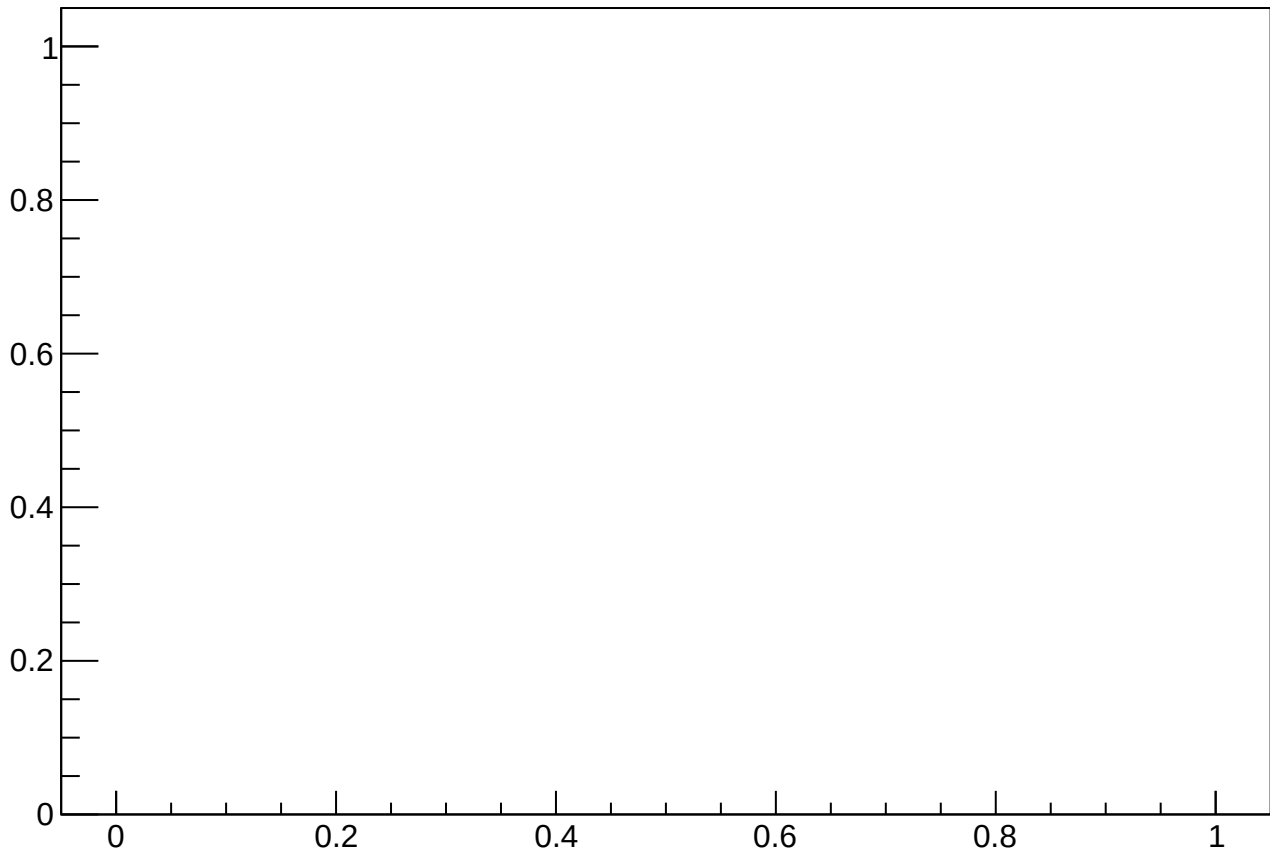
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usl_coil3_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

dit_usl_coil3_err_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

dit_usl_coil3_Ndata_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

dit_usr_coil3_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

dit_usr_coil3_err_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

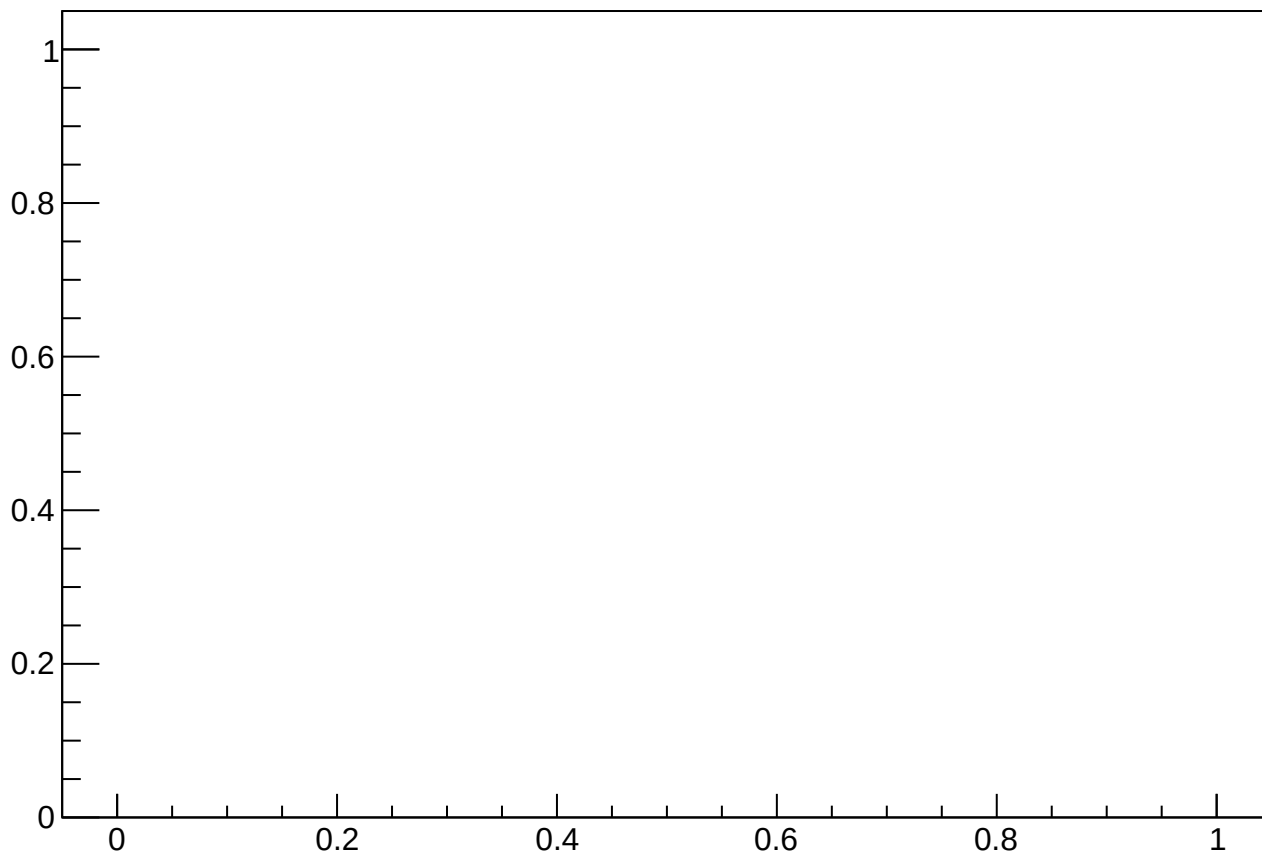
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usr_coil3_Ndata_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

dit_atl1_coil3_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

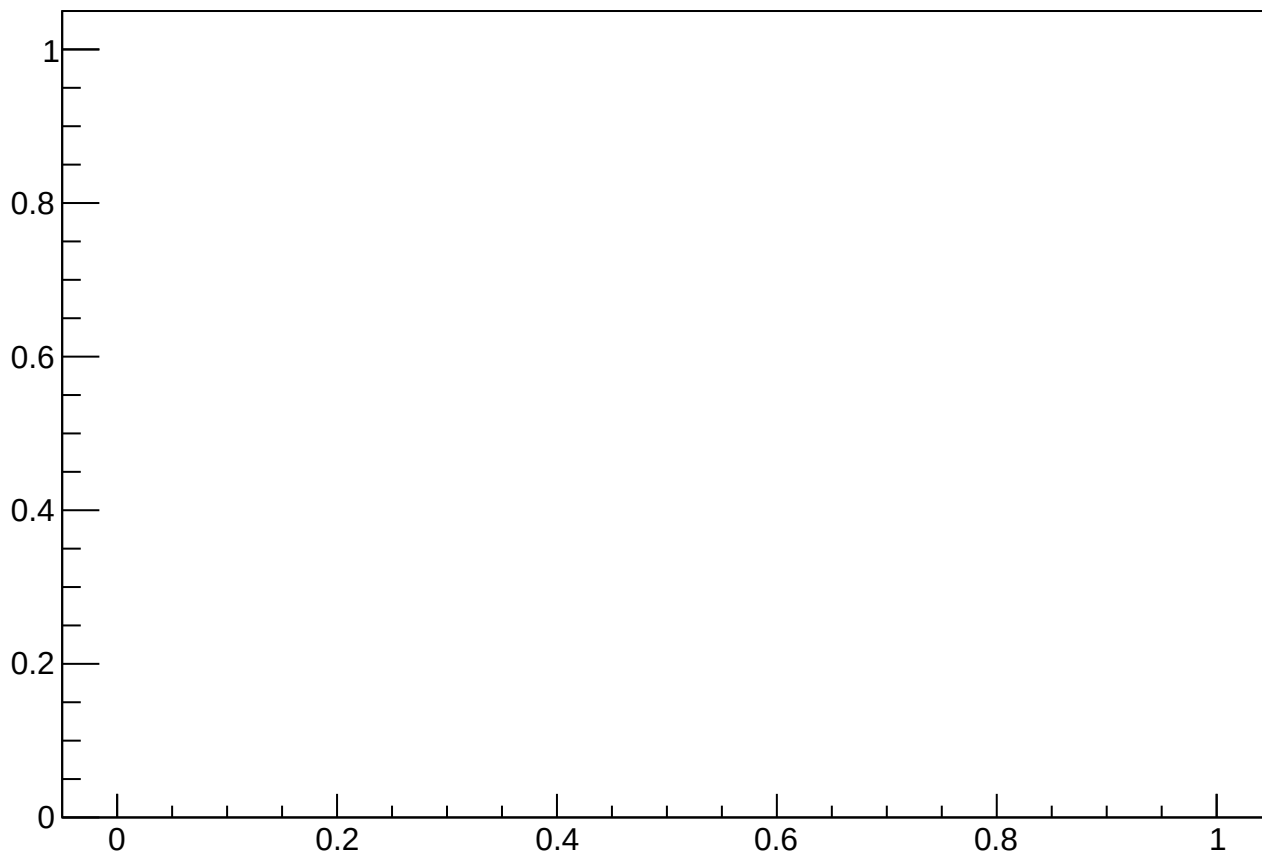
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl1_coil3_err_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

dit_atl1_coil3_Ndata_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

dit_atl2_coil3_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

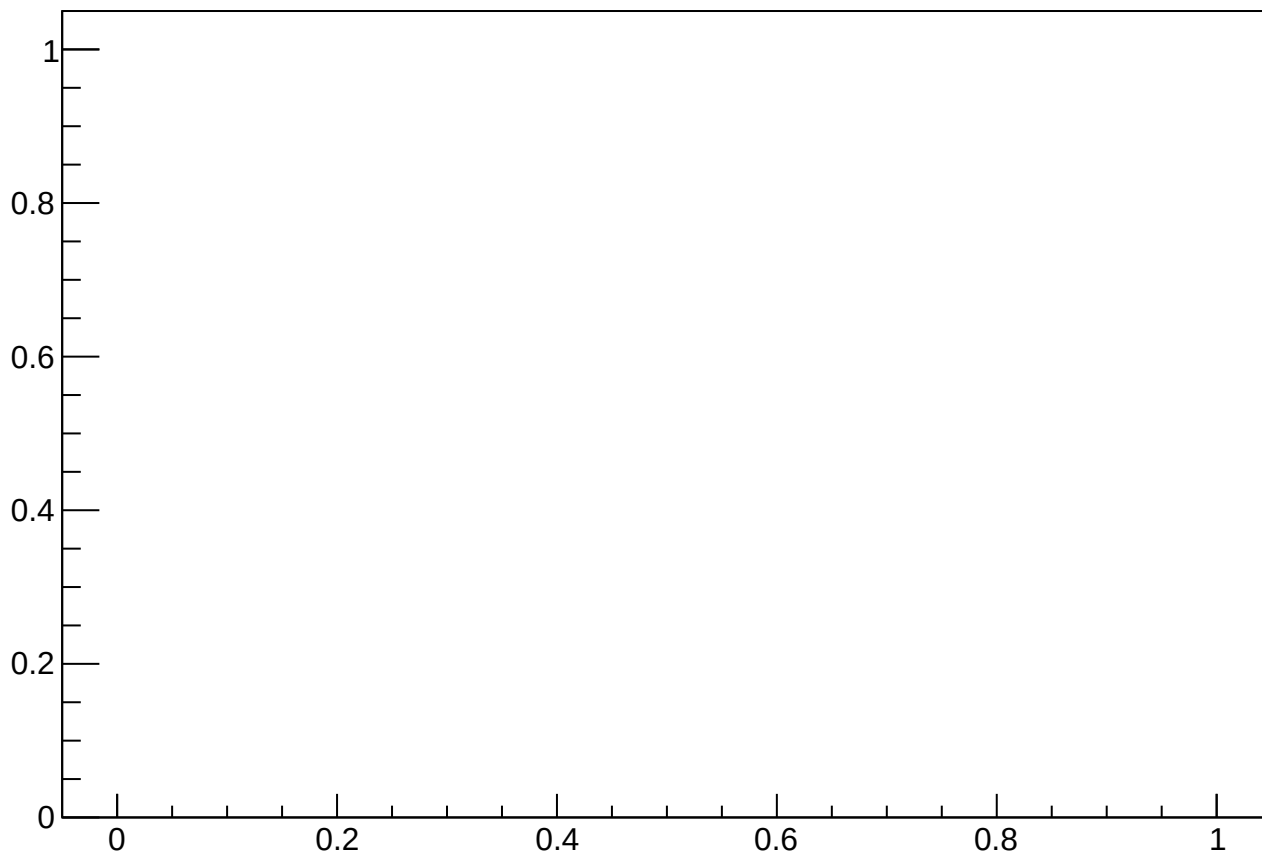
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl2_coil3_err_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

dit_atl2_coil3_Ndata_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

dit_atr1_coil3_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

dit_atr1_coil3_err_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

dit_atr1_coil3_Ndata_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

dit_atr2_coil3_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

dit_atr2_coil3_err_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

dit_atr2_coil3_Ndata_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

dit_sam1_coil3_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

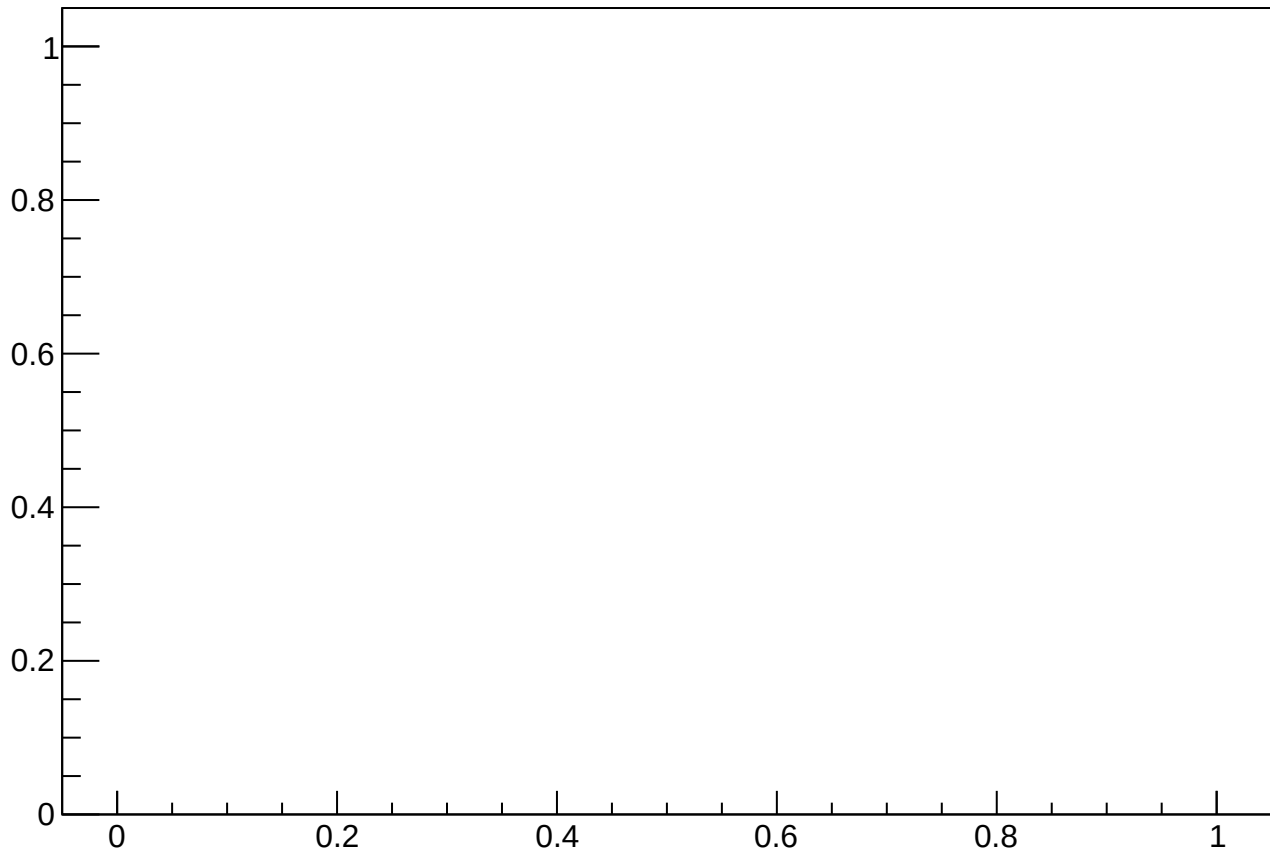
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam1_coil3_err_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

dit_sam1_coil3_Ndata_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

dit_sam2_coil3_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

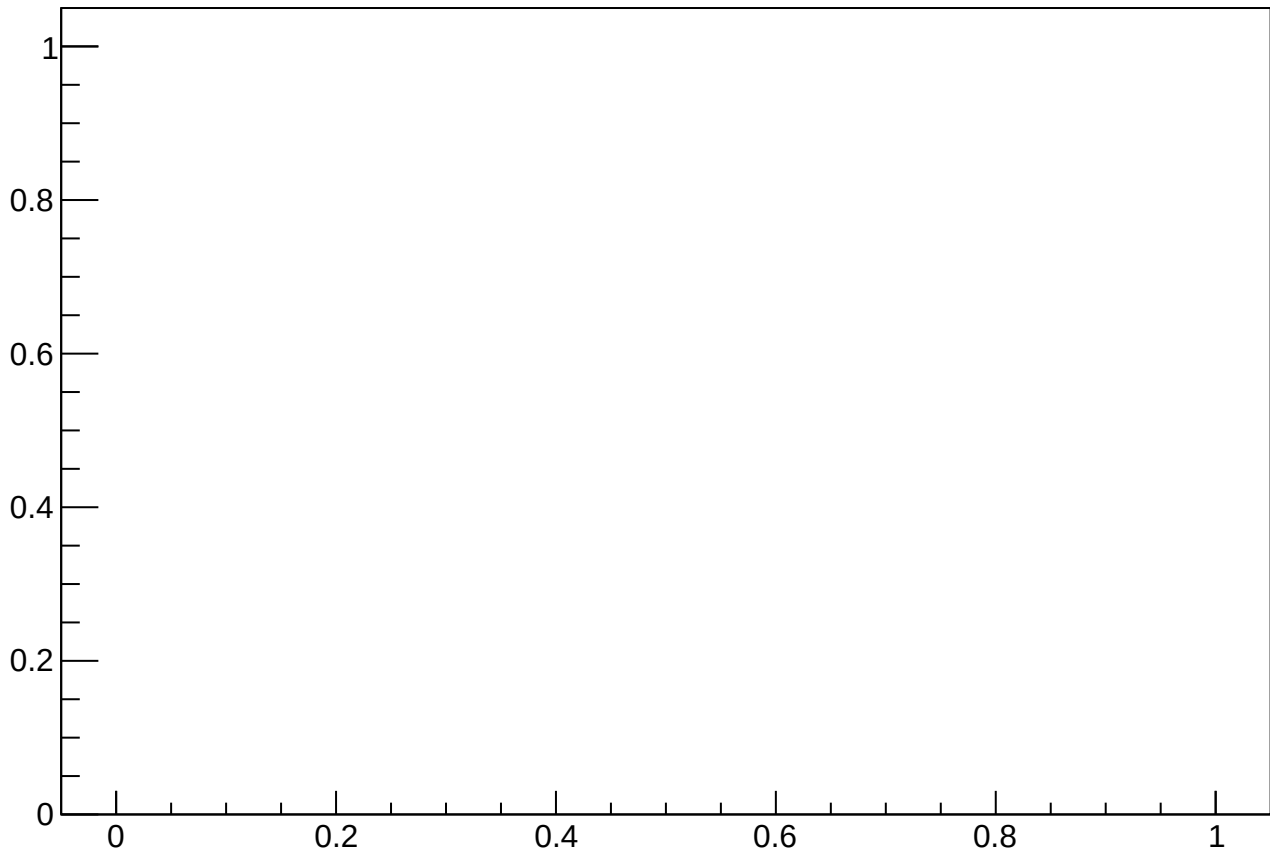
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam2_coil3_err_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

dit_sam2_coil3_Ndata_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

dit_sam3_coil3_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

dit_sam3_coil3_err_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

dit_sam3_coil3_Ndata_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

dit_sam4_coil3_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

dit_sam4_coil3_err_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

dit_sam4_coil3_Ndata_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

dit_sam5_coil3_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

dit_sam5_coil3_err_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

dit_sam5_coil3_Ndata_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

dit_sam6_coil3_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

dit_sam6_coil3_err_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

dit_sam6_coil3_Ndata_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

dit_sam7_coil3_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

dit_sam7_coil3_err_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

dit_sam7_coil3_Ndata_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

dit_sam8_coil3_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

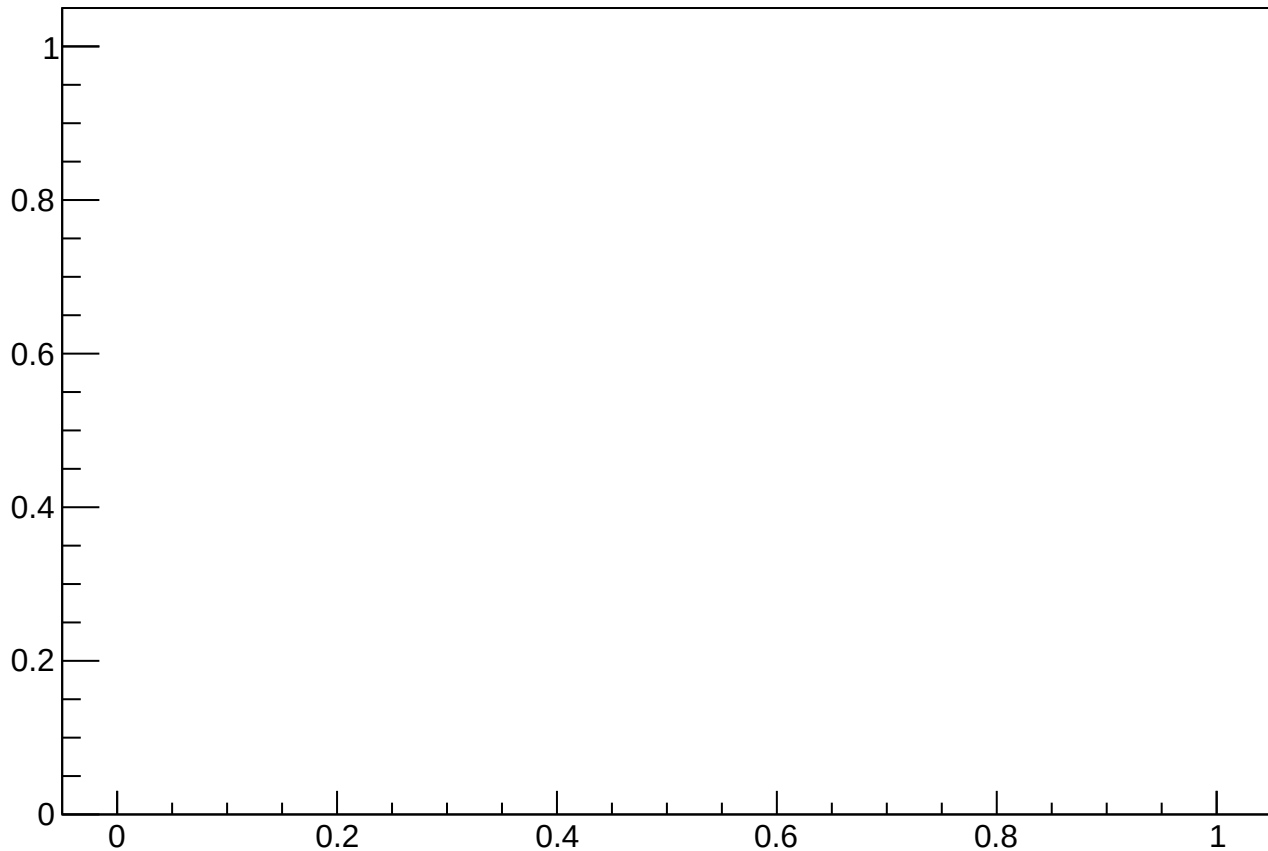
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam8_coil3_err_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

dit_sam8_coil3_Ndata_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

dit_4aX_coil7_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

dit_4aX_coil7_err_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

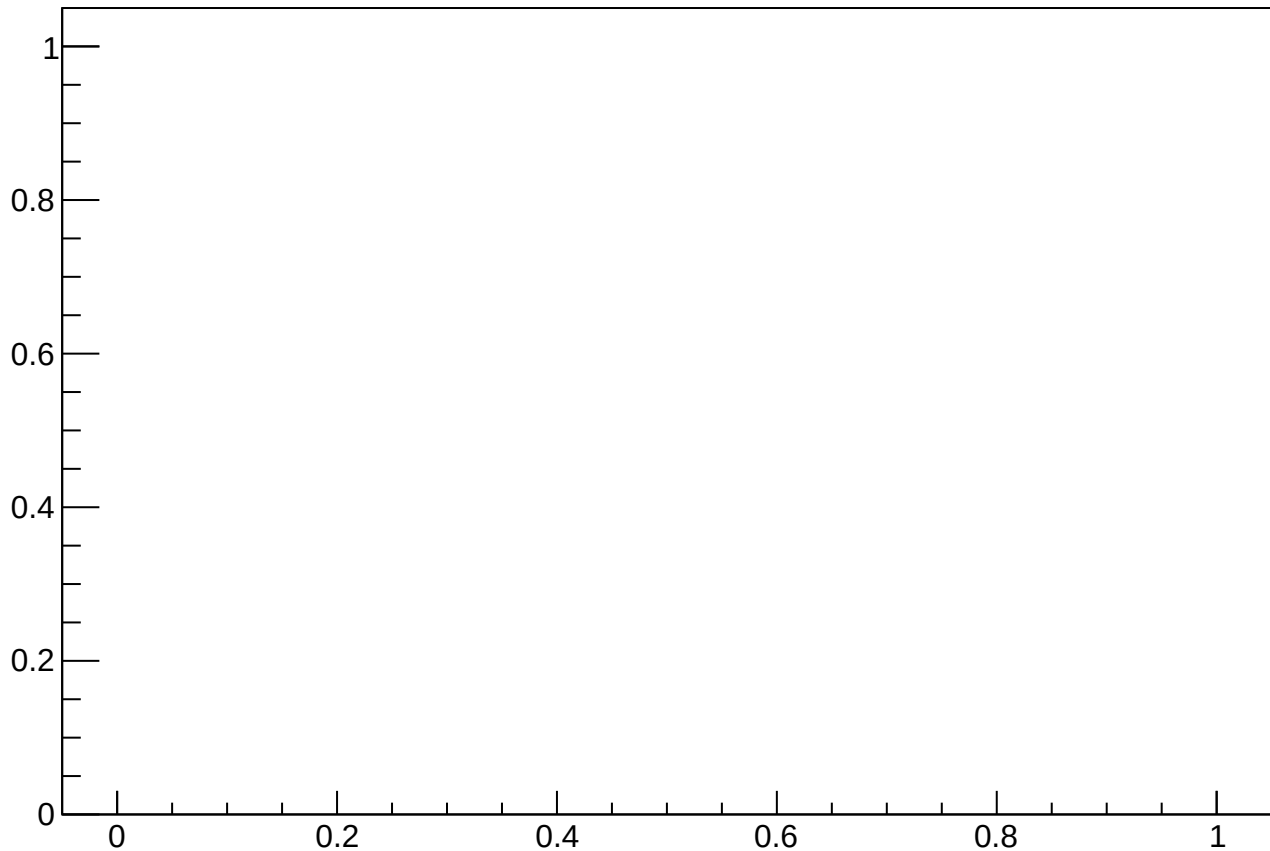
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aX_coil7_Ndata_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

dit_4eX_coil7_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

dit_4eX_coil7_err_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

dit_4eX_coil7_Ndata_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

dit_11X12X_coil7_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

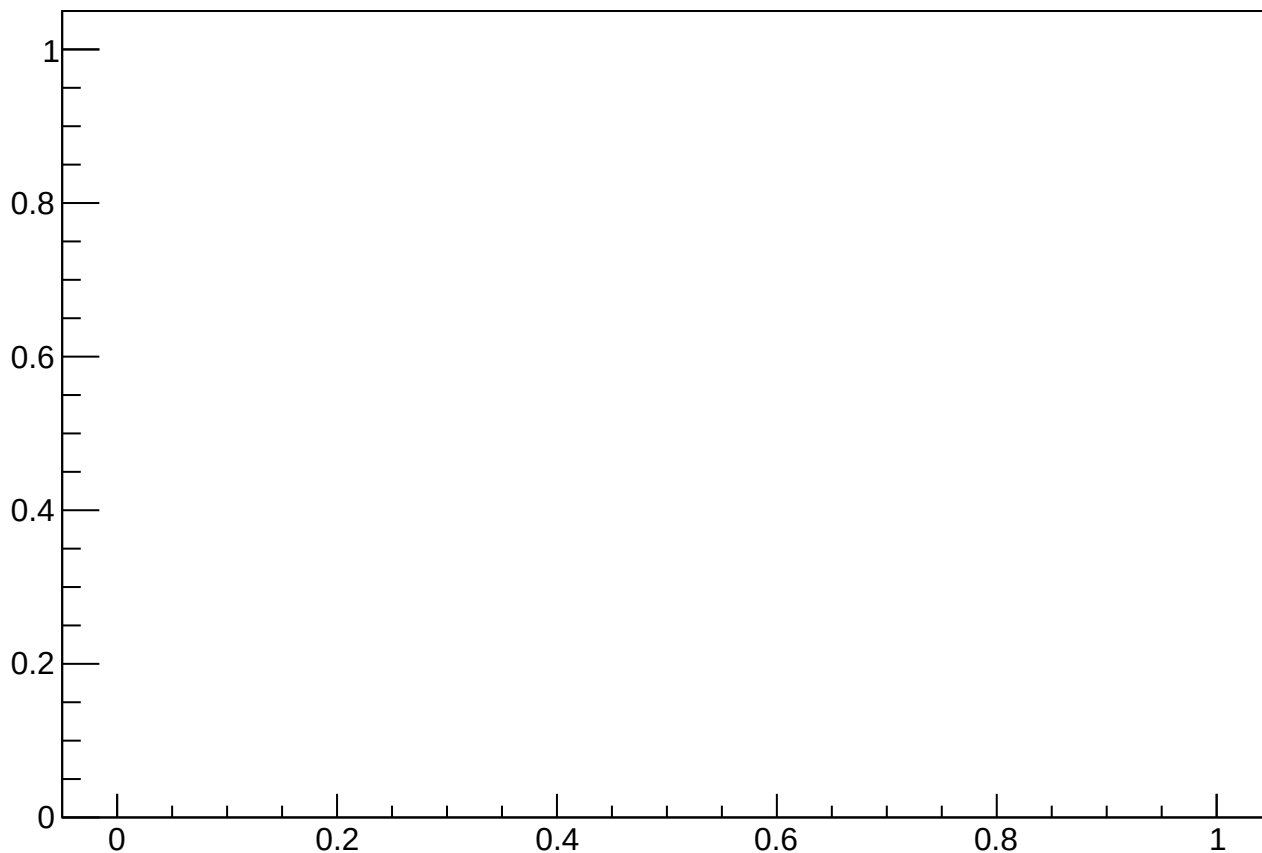
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_11X12X_coil7_err_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

dit_11X12X_coil7_Ndata_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

dit_4aY_coil7_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

dit_4aY_coil7_err_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

dit_4aY_coil7_Ndata_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

dit_4eY_coil7_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

dit_4eY_coil7_err_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

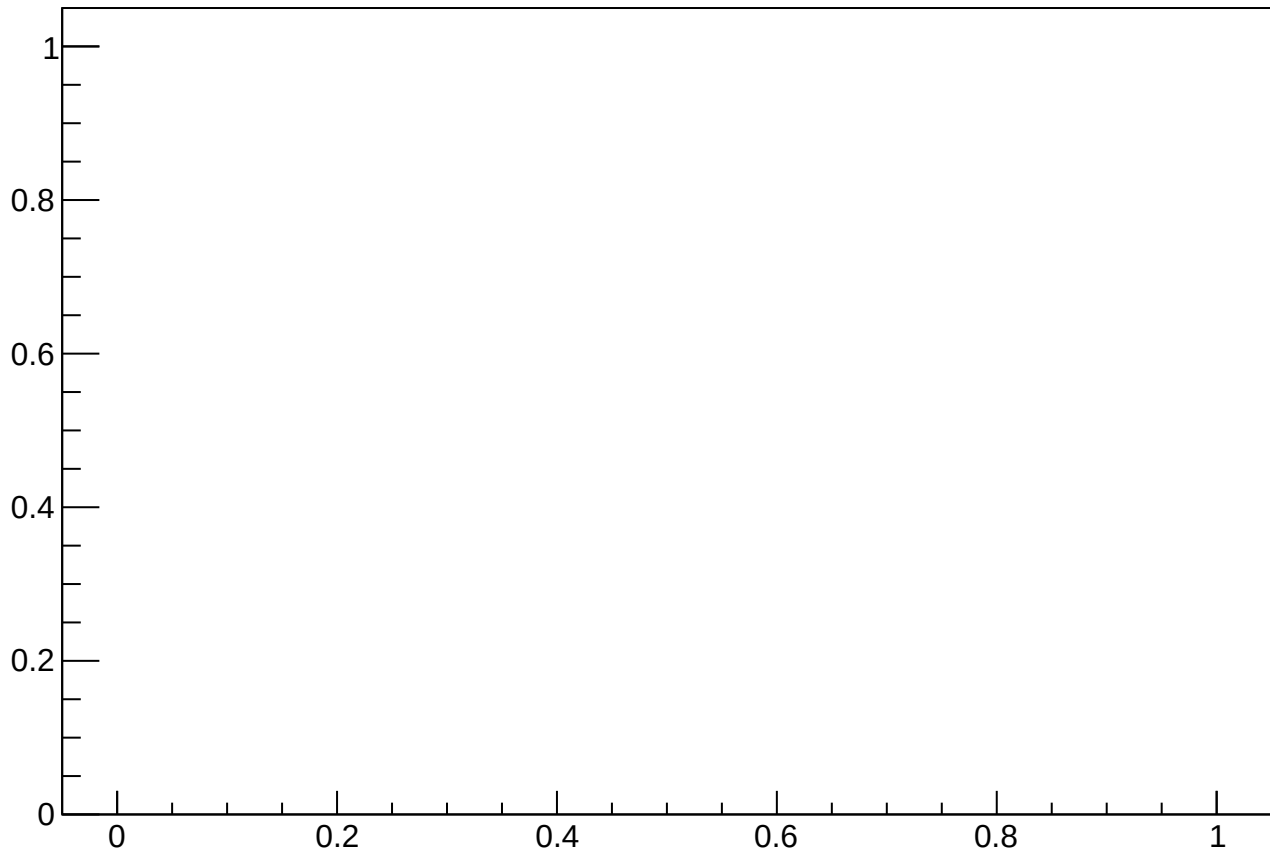
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4eY_coil7_Ndata_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

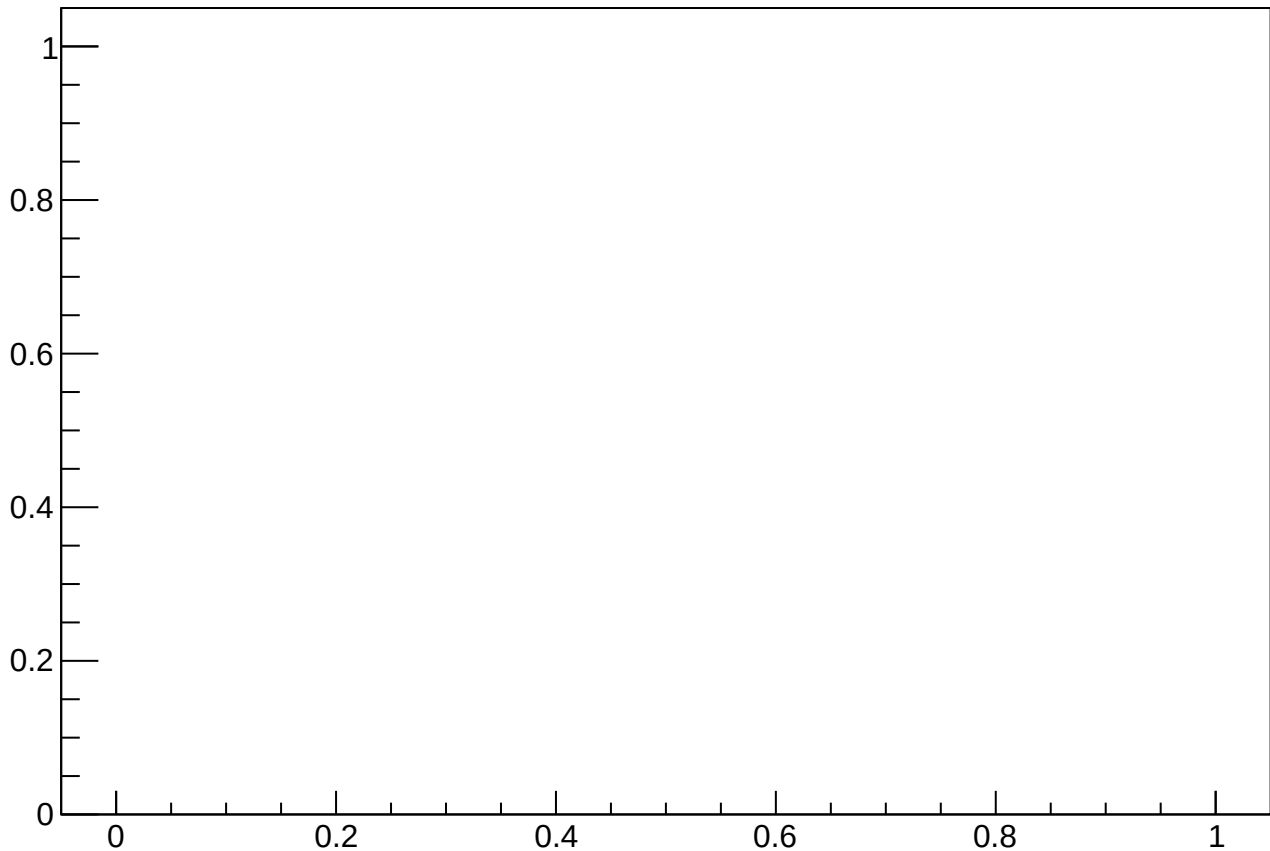
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usl_coil7_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

dit_usl_coil7_err_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

dit_usl_coil7_Ndata_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

dit_usr_coil7_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

dit_usr_coil7_err_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

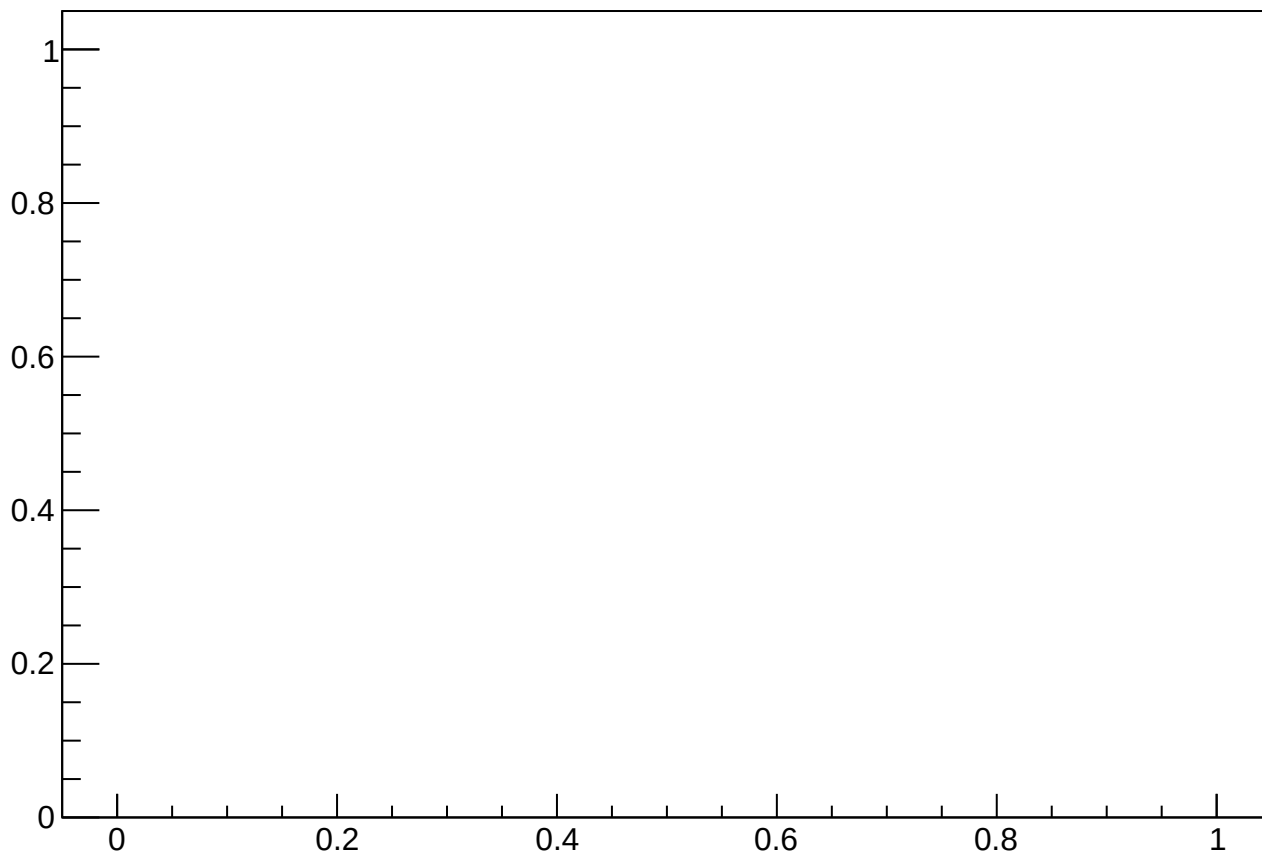
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usr_coil7_Ndata_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

dit_atl1_coil7_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

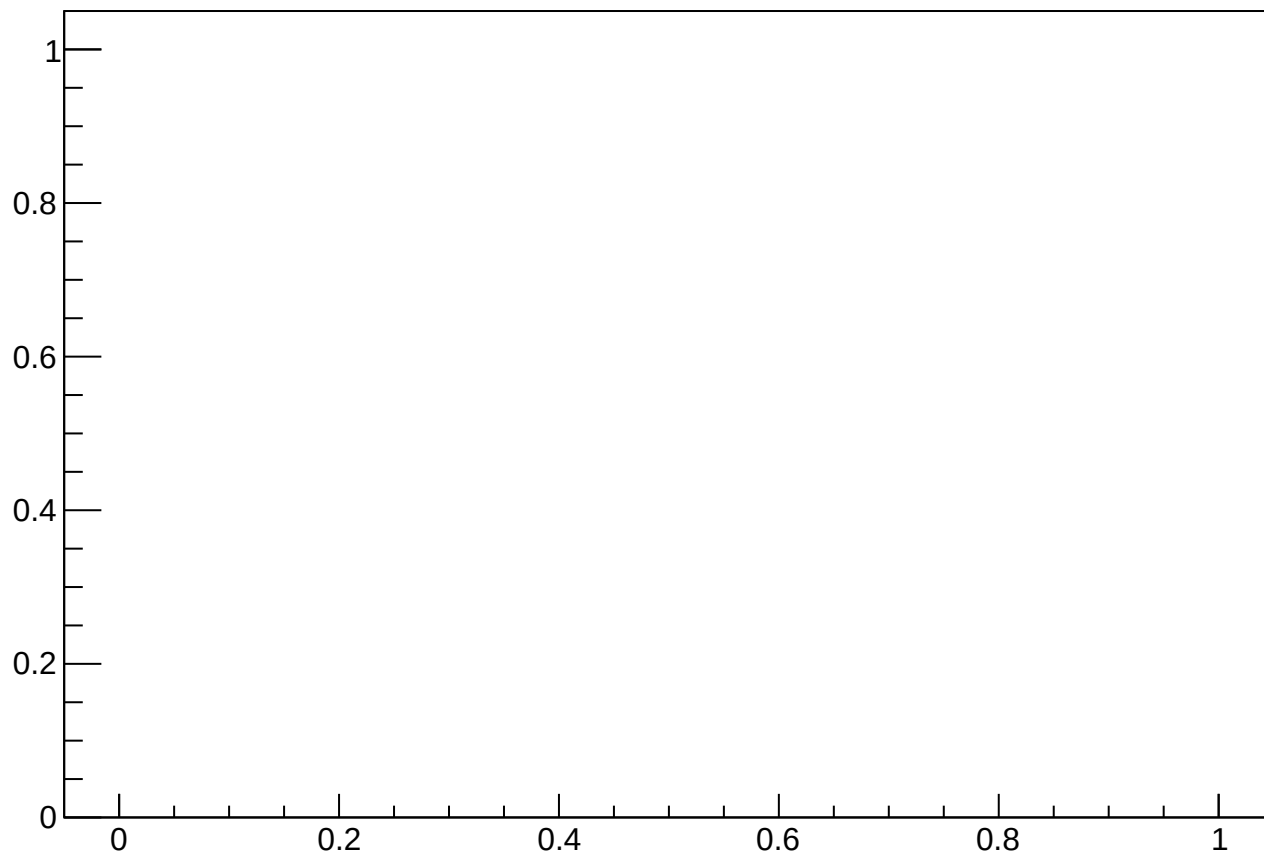
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl1_coil7_err_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

dit_atl1_coil7_Ndata_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

dit_atl2_coil7_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

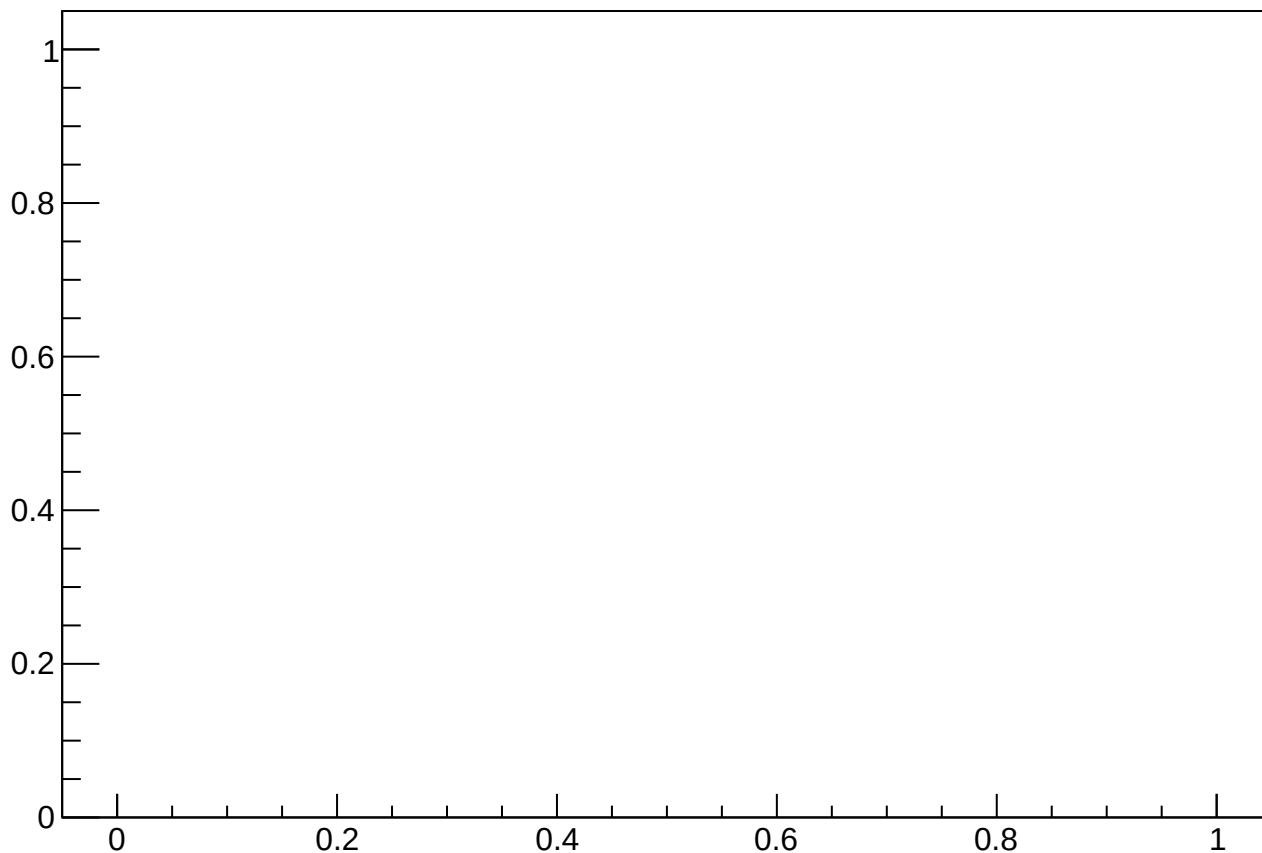
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl2_coil7_err_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

dit_atl2_coil7_Ndata_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

dit_atr1_coil7_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

dit_atr1_coil7_err_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

dit_atr1_coil7_Ndata_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

dit_atr2_coil7_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

dit_atr2_coil7_err_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

dit_atr2_coil7_Ndata_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

dit_sam1_coil7_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

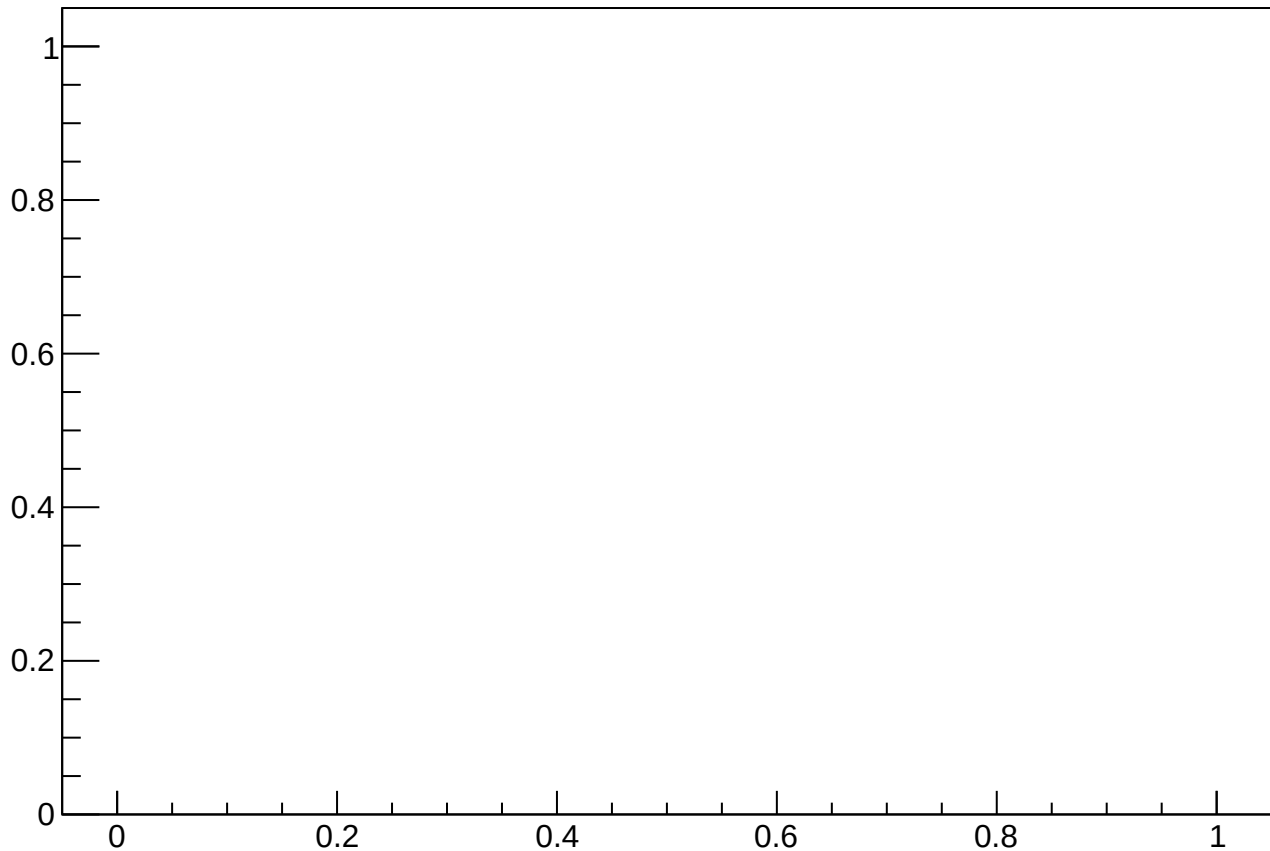
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam1_coil7_err_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

dit_sam1_coil7_Ndata_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

dit_sam2_coil7_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

dit_sam2_coil7_err_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

dit_sam2_coil7_Ndata_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

dit_sam3_coil7_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

dit_sam3_coil7_err_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

dit_sam3_coil7_Ndata_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

dit_sam4_coil7_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

dit_sam4_coil7_err_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

dit_sam4_coil7_Ndata_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

dit_sam5_coil7_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

dit_sam5_coil7_err_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

dit_sam5_coil7_Ndata_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

dit_sam6_coil7_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

dit_sam6_coil7_err_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

dit_sam6_coil7_Ndata_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

dit_sam7_coil7_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

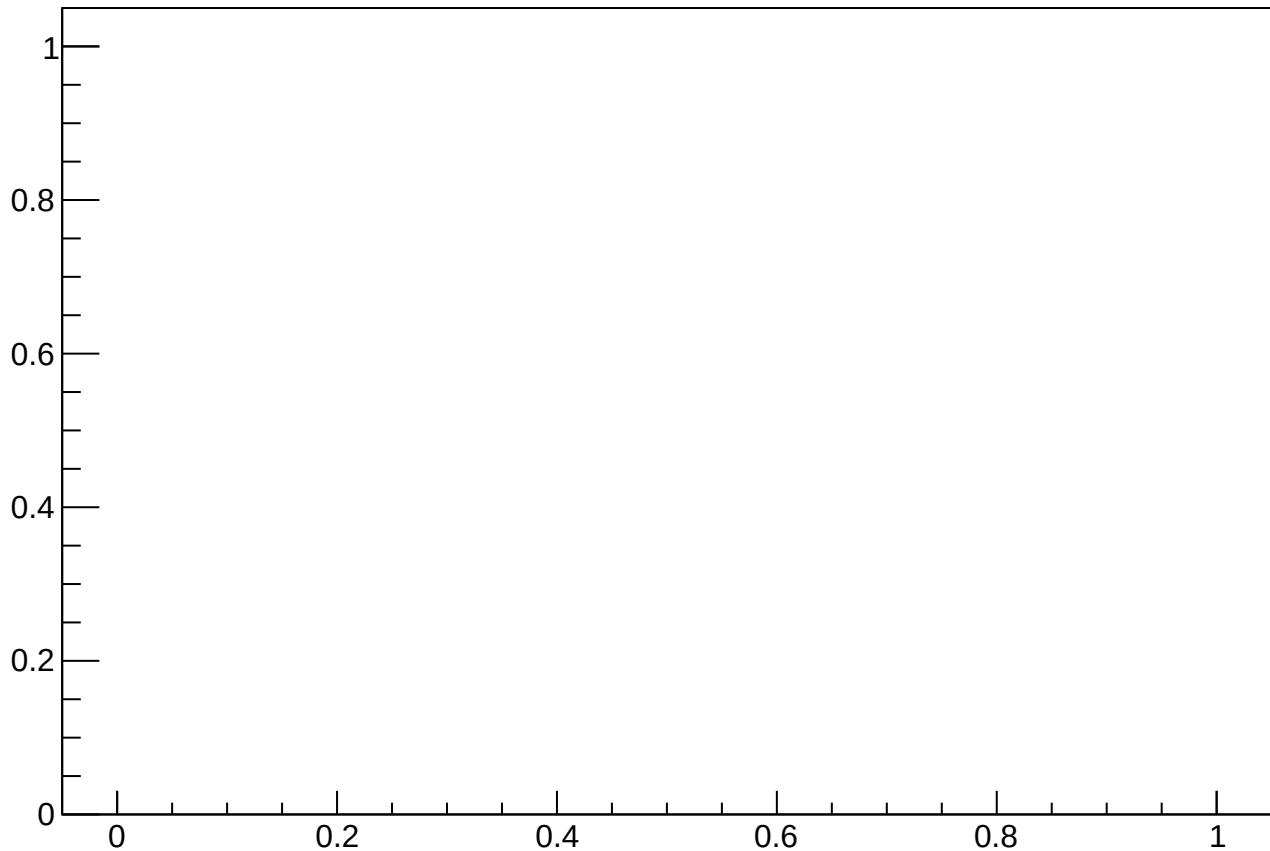
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam7_coil7_err_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

dit_sam7_coil7_Ndata_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

dit_sam8_coil7_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

dit_sam8_coil7_err_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

dit_sam8_coil7_Ndata_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

dit_4aX_coil4_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

dit_4aX_coil4_err_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

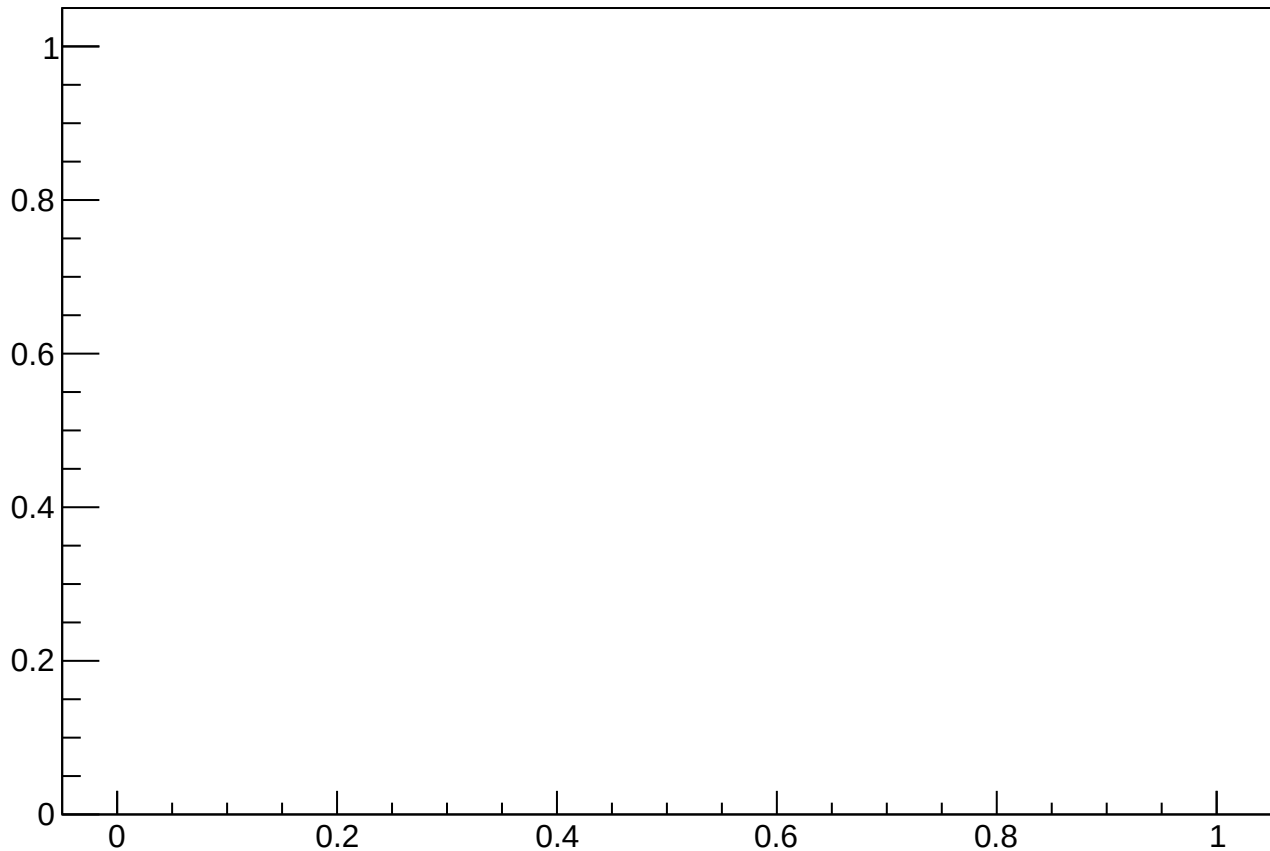
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aX_coil4_Ndata_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

dit_4eX_coil4_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

dit_4eX_coil4_err_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

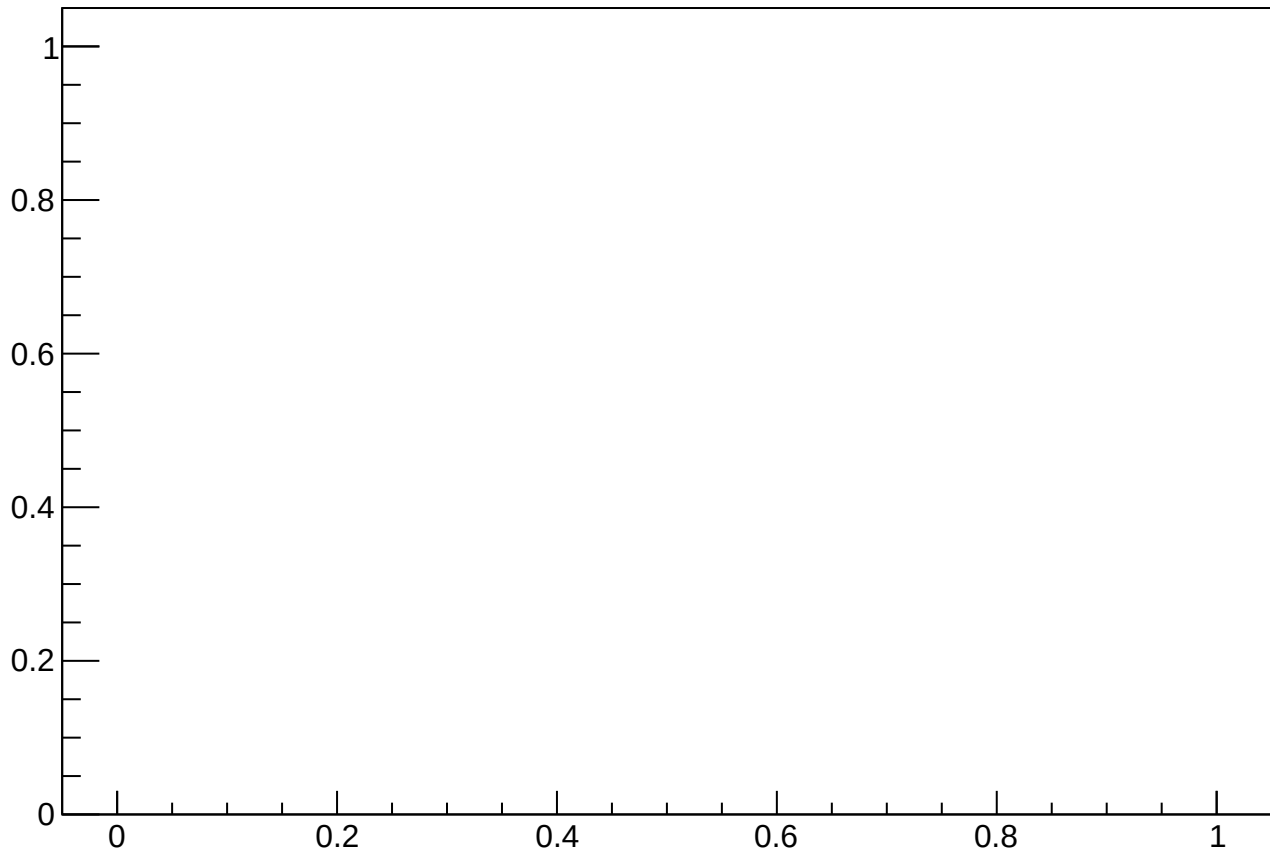
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4eX_coil4_Ndata_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

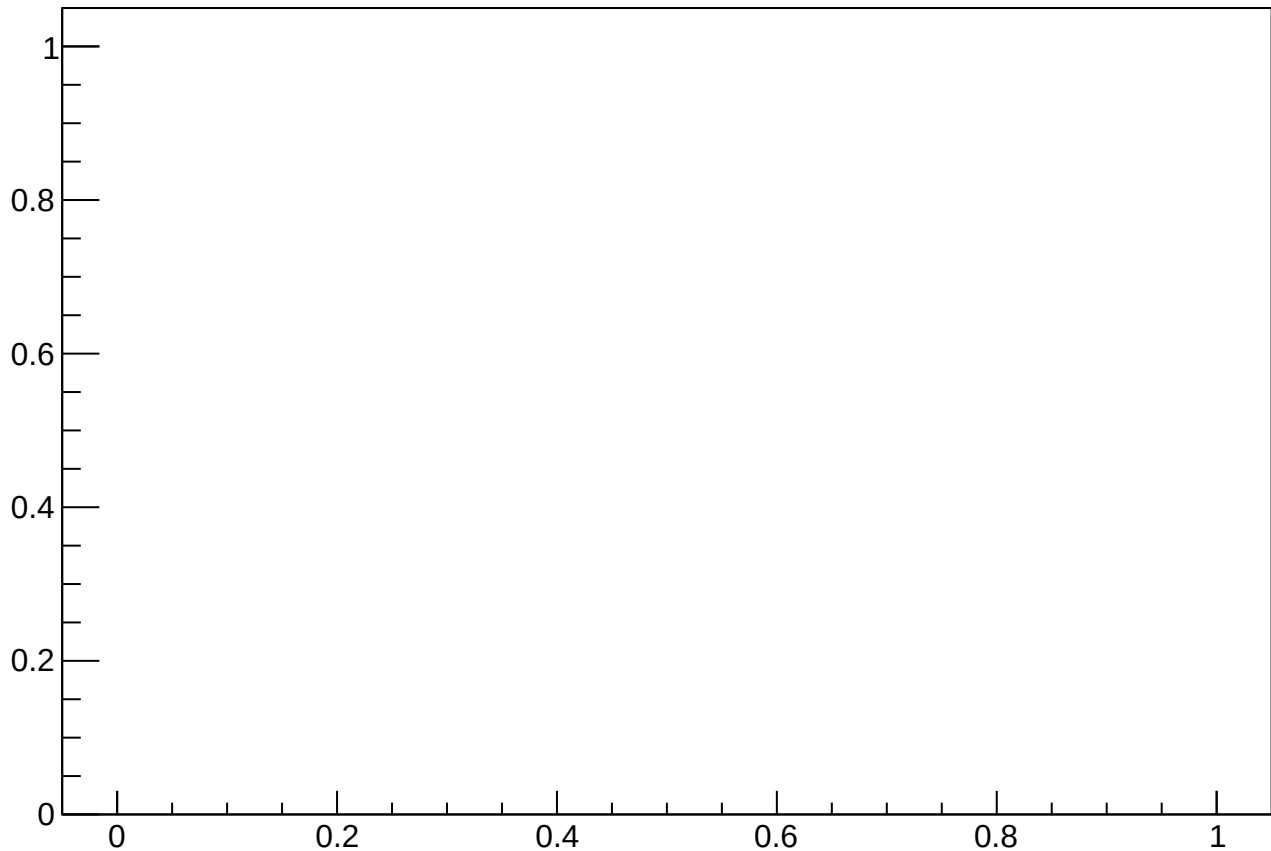
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_11X12X_coil4_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

dit_11X12X_coil4_err_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

dit_11X12X_coil4_Ndata_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

dit_4aY_coil4_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

dit_4aY_coil4_err_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

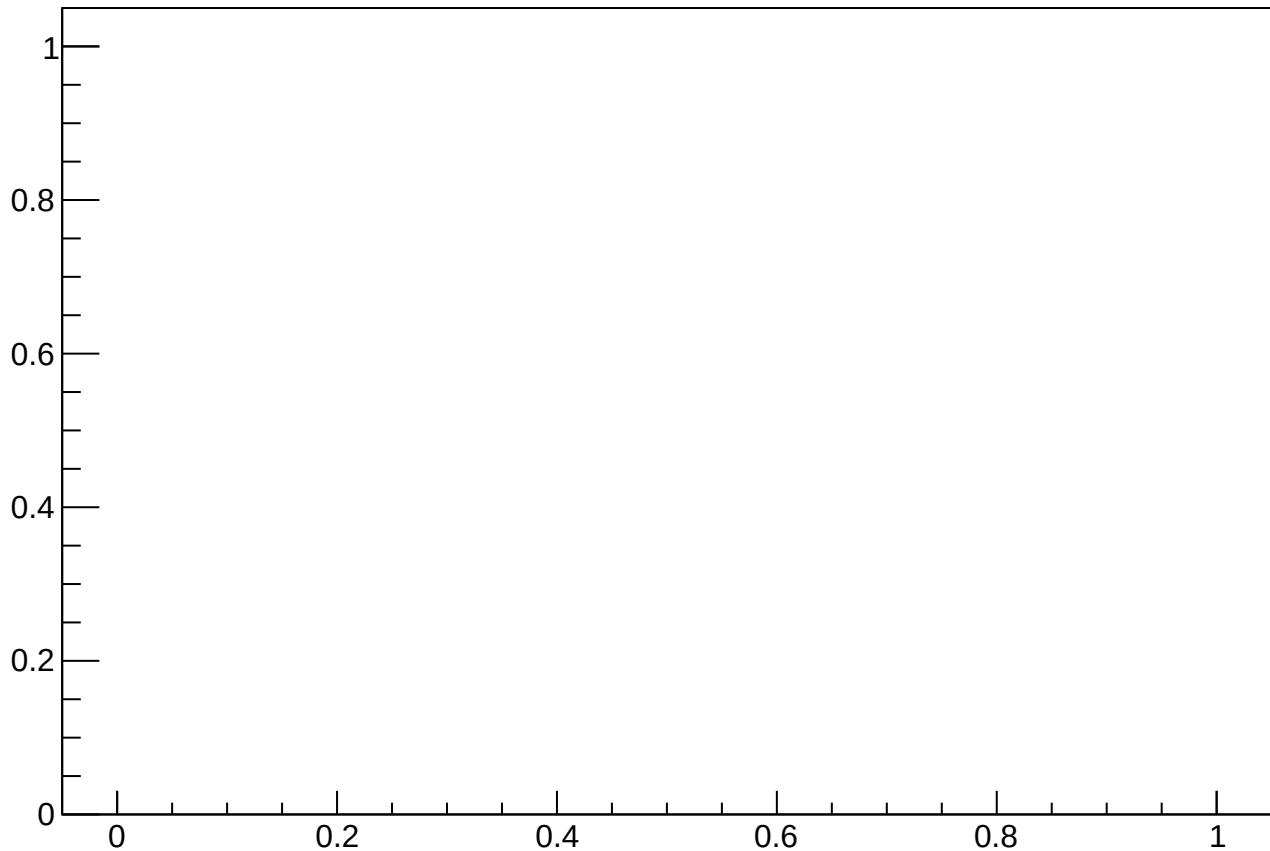
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aY_coil4_Ndata_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

dit_4eY_coil4_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

dit_4eY_coil4_err_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

dit_4eY_coil4_Ndata_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

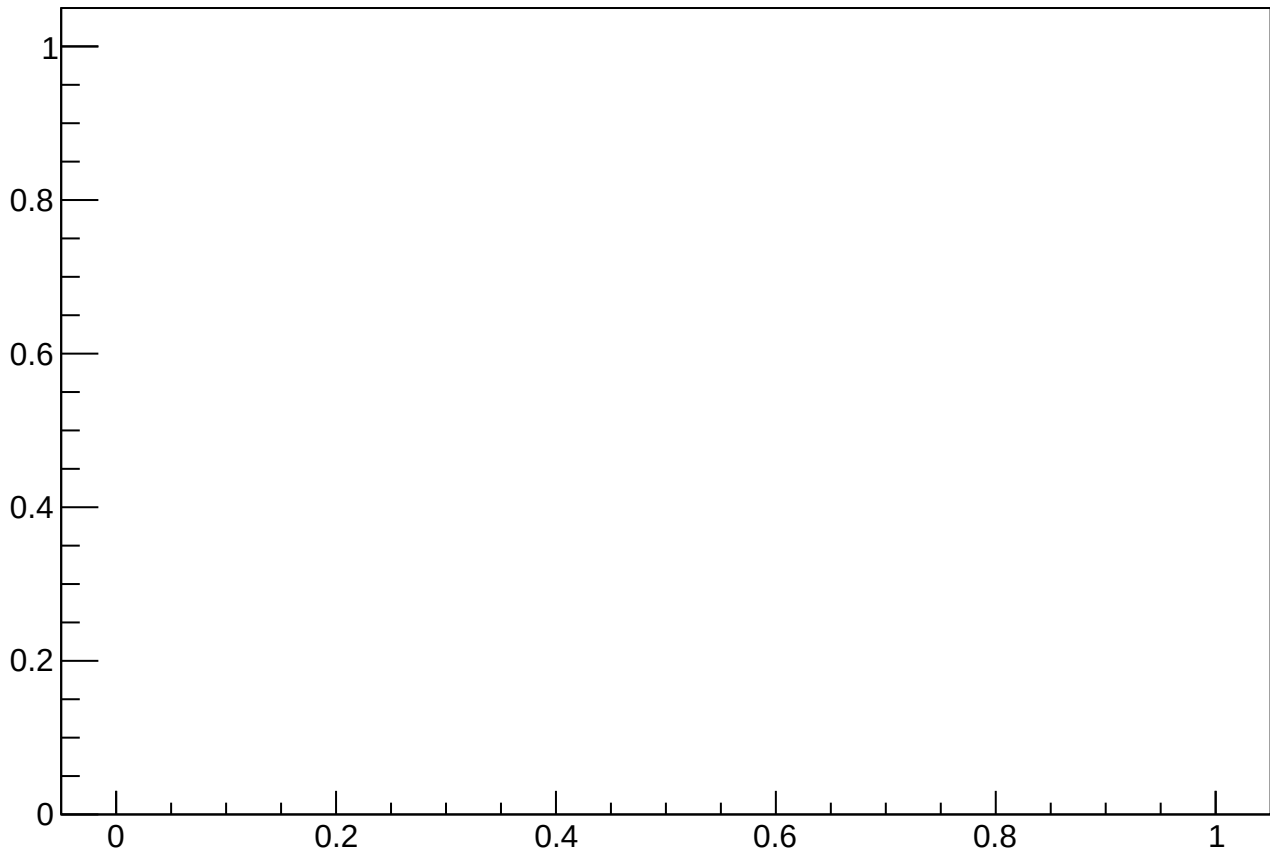
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usl_coil4_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

dit_usl_coil4_err_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

dit_usl_coil4_Ndata_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

dit_usr_coil4_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

dit_usr_coil4_err_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

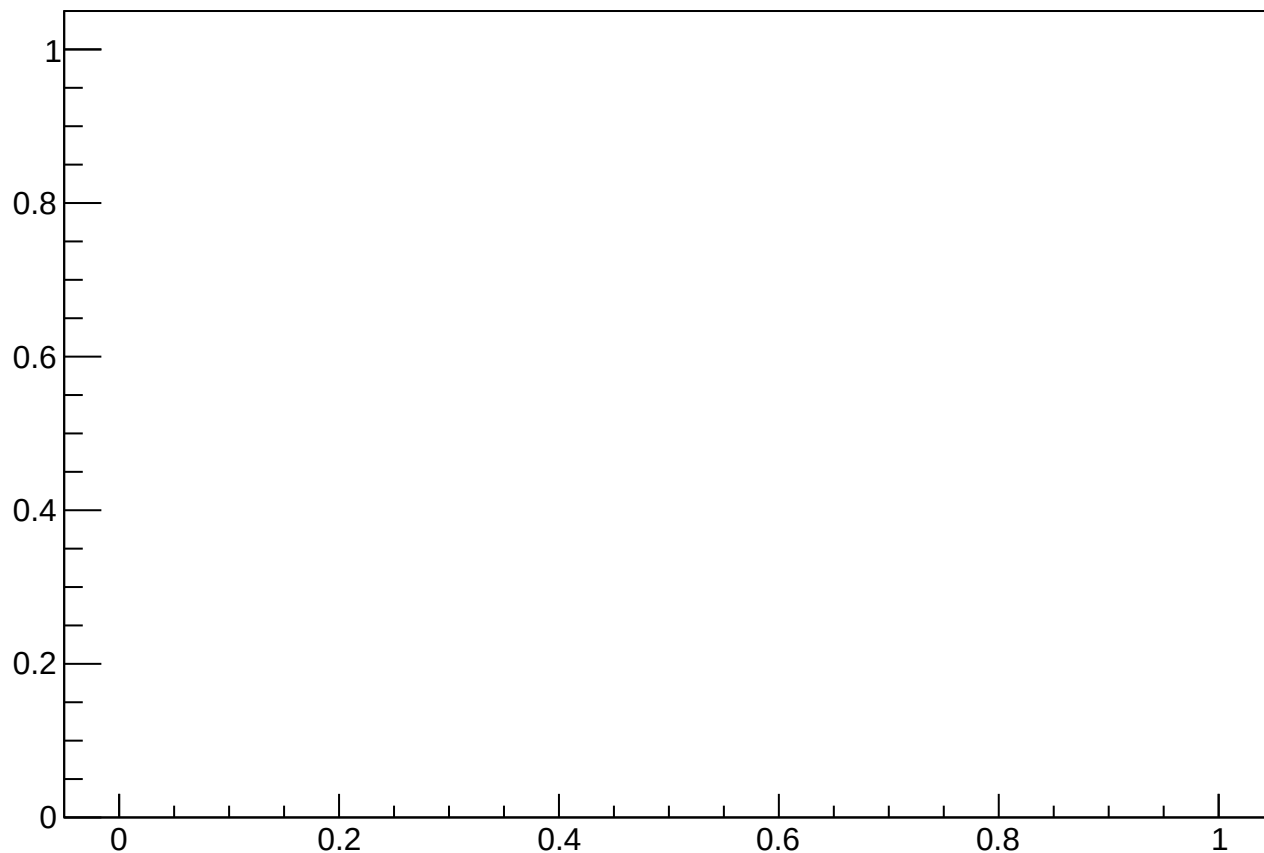
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

dit_usr_coil4_Ndata_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

dit_atl1_coil4_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

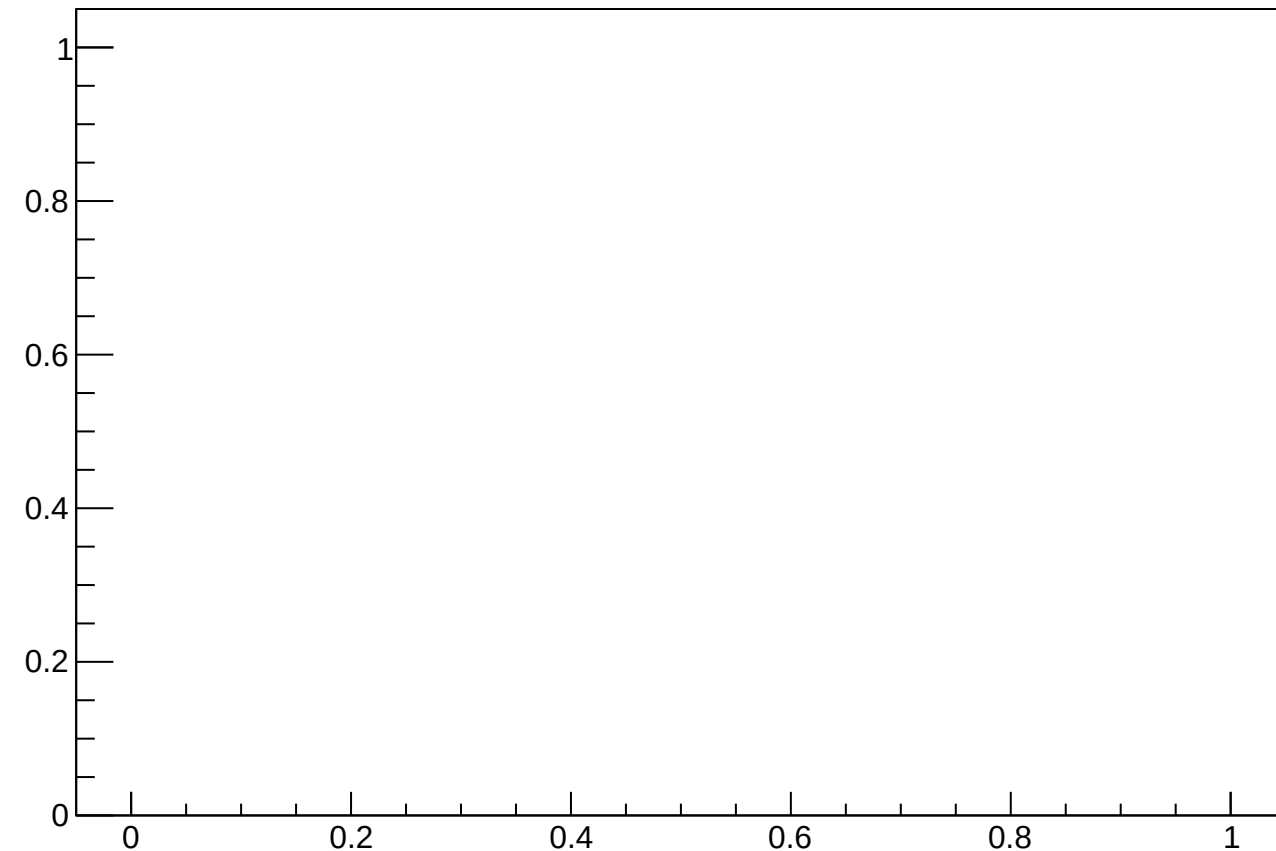
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl1_coil4_err_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

dit_atl1_coil4_Ndata_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

dit_atl2_coil4_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

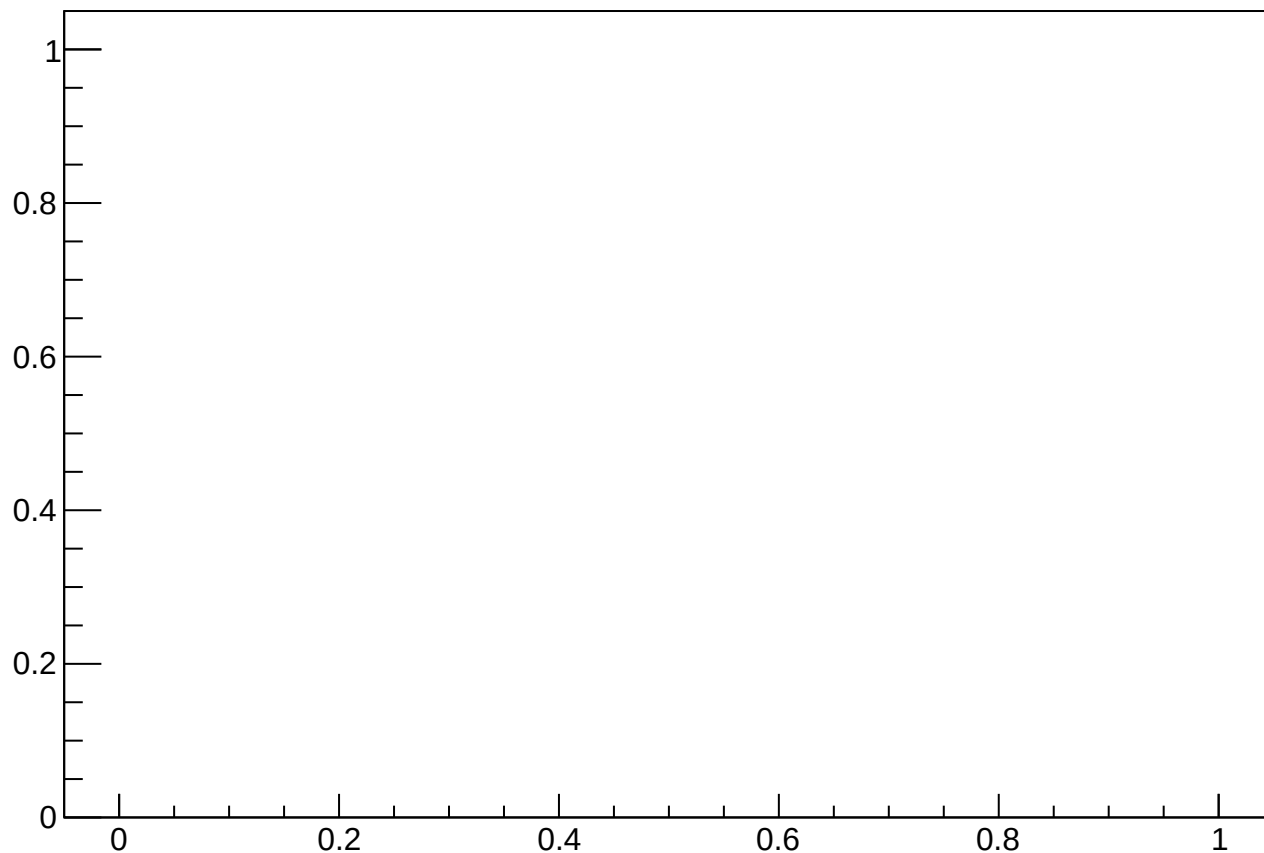
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl2_coil4_err_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

dit_atl2_coil4_Ndata_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

dit_atr1_coil4_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

dit_atr1_coil4_err_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

dit_atr1_coil4_Ndata_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

dit_atr2_coil4_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

dit_atr2_coil4_err_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

dit_atr2_coil4_Ndata_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

dit_sam1_coil4_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

dit_sam1_coil4_err_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

dit_sam1_coil4_Ndata_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

dit_sam2_coil4_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

dit_sam2_coil4_err_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

dit_sam2_coil4_Ndata_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

dit_sam3_coil4_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

dit_sam3_coil4_err_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

dit_sam3_coil4_Ndata_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

dit_sam4_coil4_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

dit_sam4_coil4_err_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

dit_sam4_coil4_Ndata_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

dit_sam5_coil4_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

dit_sam5_coil4_err_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

dit_sam5_coil4_Ndata_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

dit_sam6_coil4_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

dit_sam6_coil4_err_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

dit_sam6_coil4_Ndata_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

dit_sam7_coil4_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

dit_sam7_coil4_err_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

dit_sam7_coil4_Ndata_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

dit_sam8_coil4_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

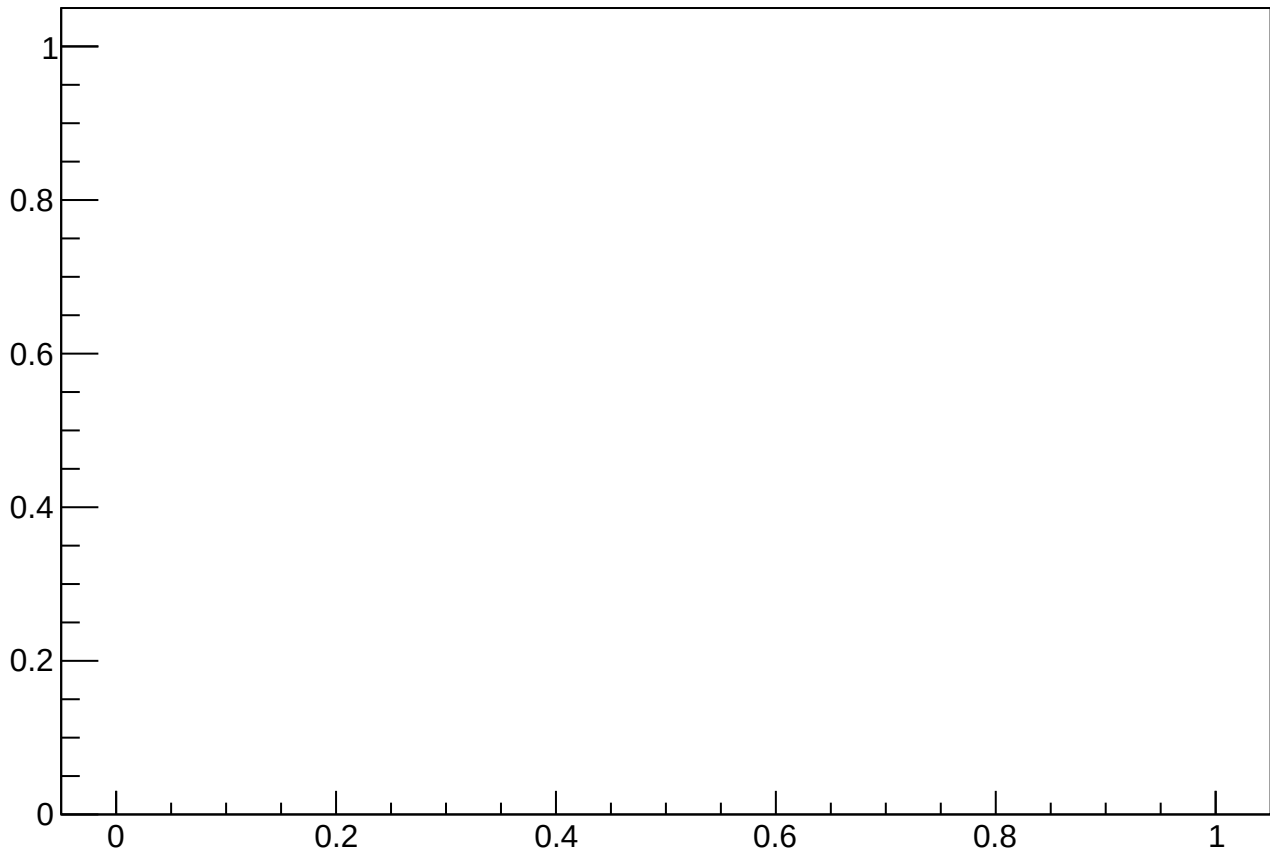
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam8_coil4_err_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

dit_sam8_coil4_Ndata_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

dit_4aX_coil6_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

dit_4aX_coil6_err_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

dit_4aX_coil6_Ndata_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

dit_4eX_coil6_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

dit_4eX_coil6_err_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

dit_4eX_coil6_Ndata_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

dit_11X12X_coil6_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

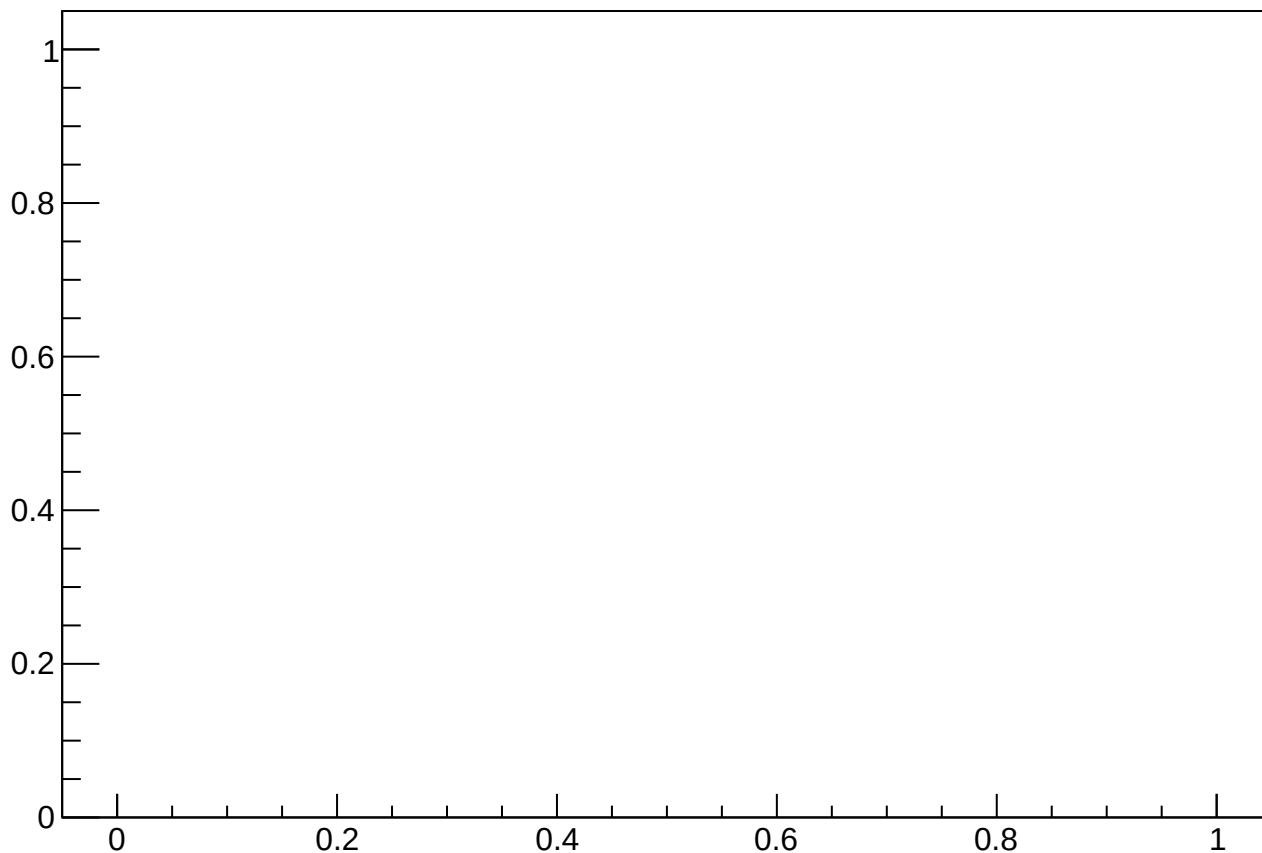
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_11X12X_coil6_err_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

dit_11X12X_coil6_Ndata_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

dit_4aY_coil6_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

dit_4aY_coil6_err_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

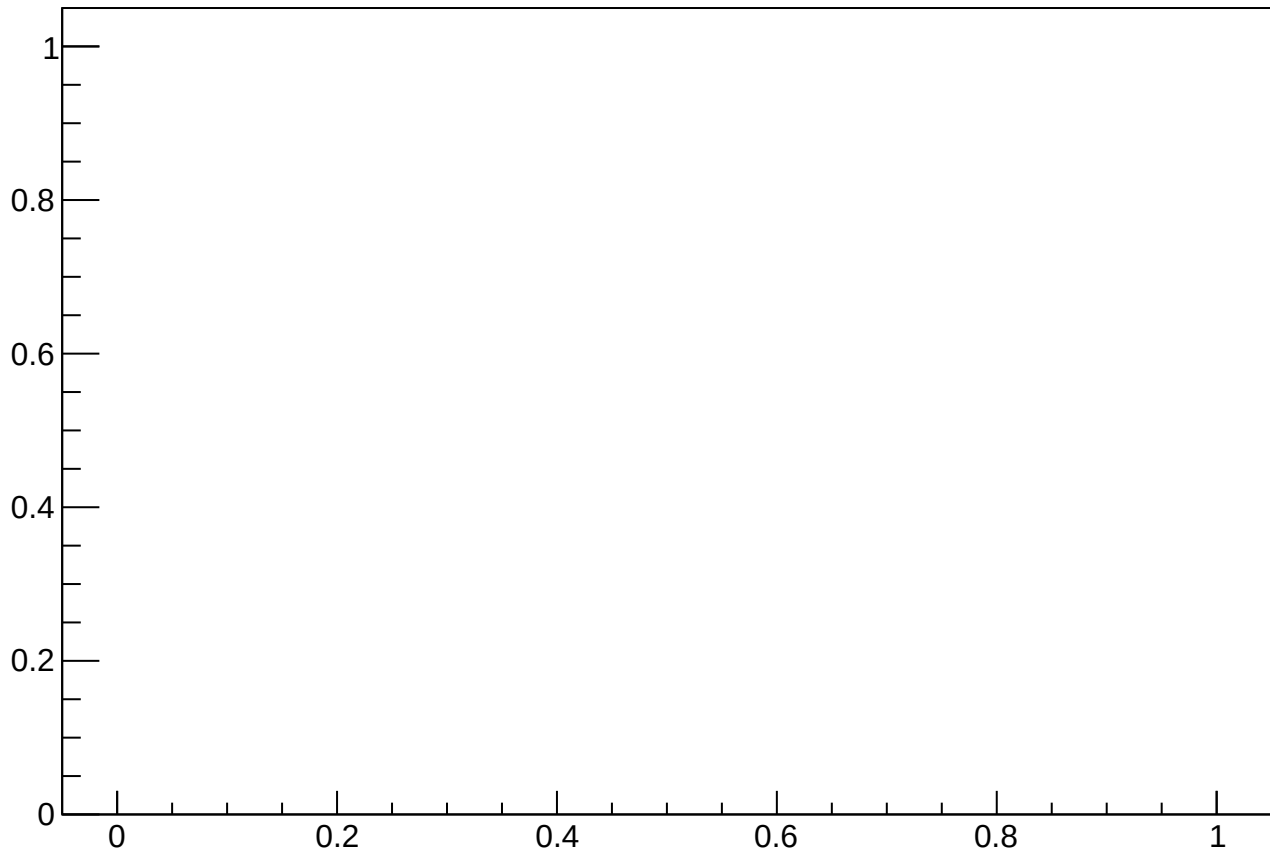
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_4aY_coil6_Ndata_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

dit_4eY_coil6_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

dit_4eY_coil6_err_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

dit_4eY_coil6_Ndata_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

dit_usl_coil6_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

dit_usl_coil6_err_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

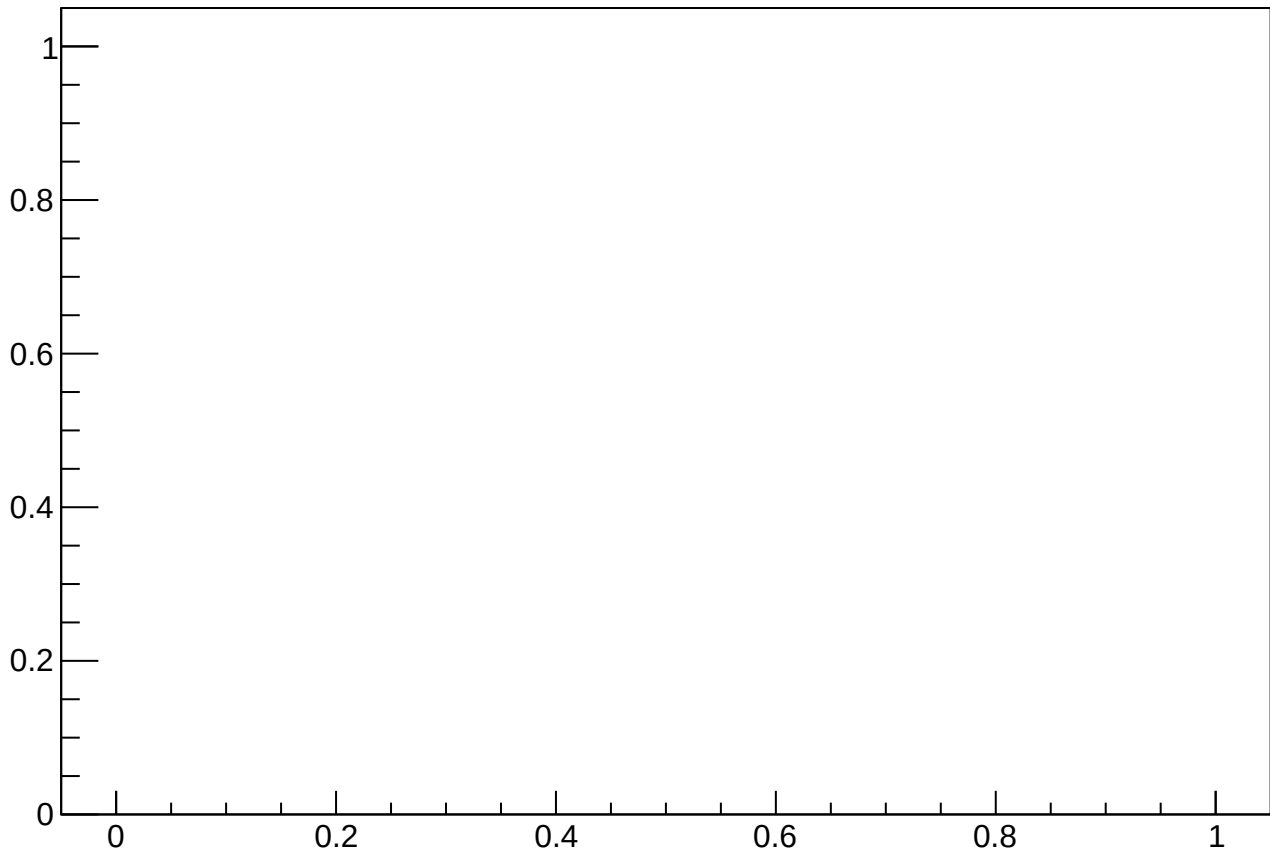
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usl_coil6_Ndata_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

dit_usr_coil6_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

dit_usr_coil6_err_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

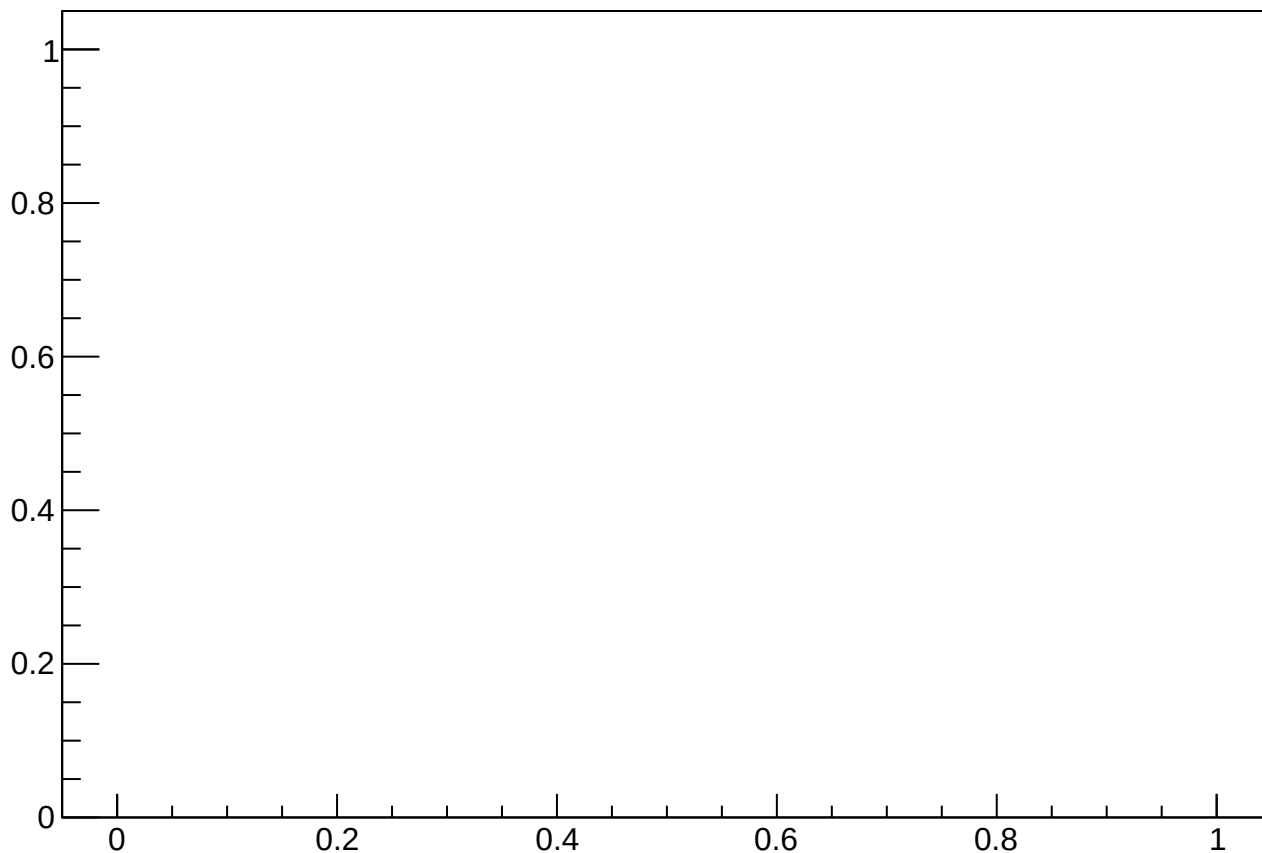
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_usr_coil6_Ndata_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

dit_atl1_coil6_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

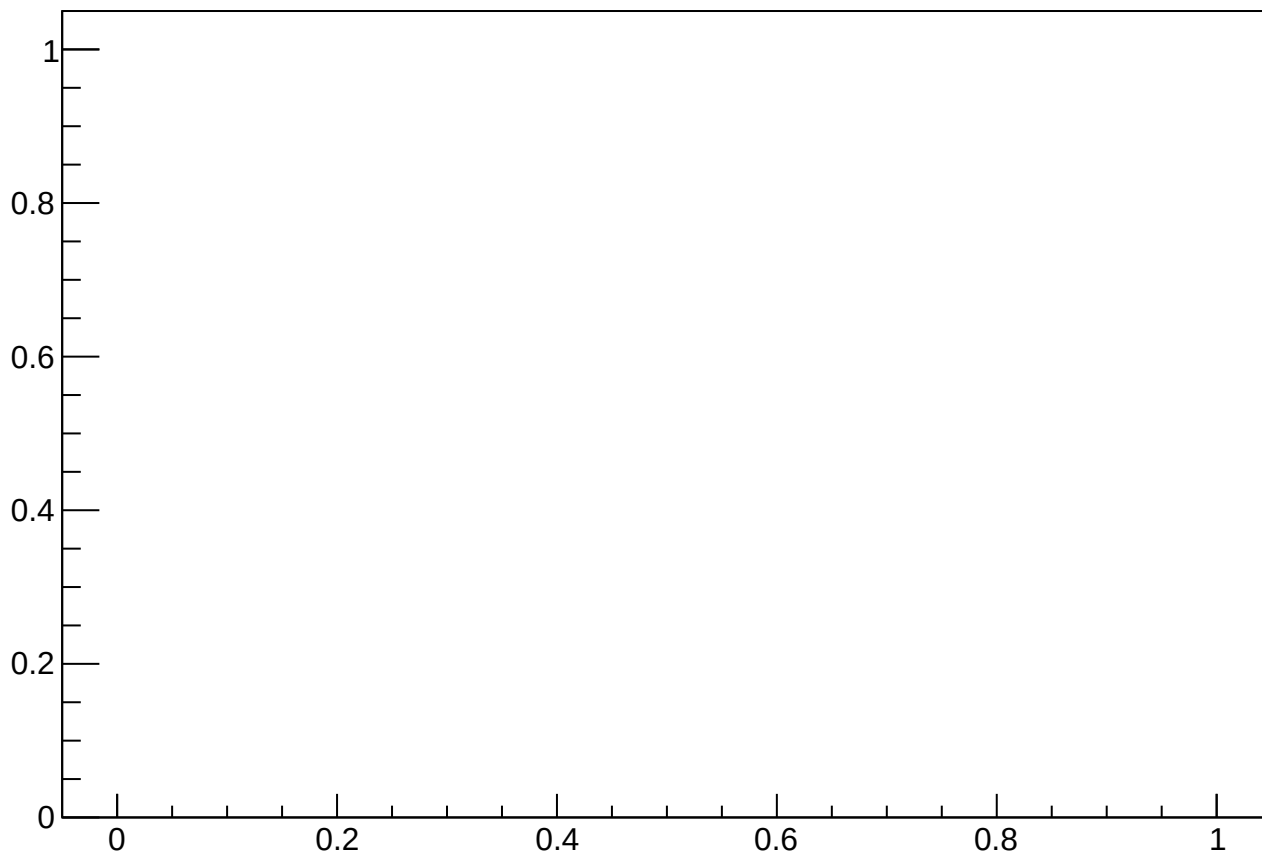
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl1_coil6_err_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

dit_atl1_coil6_Ndata_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

dit_atl2_coil6_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

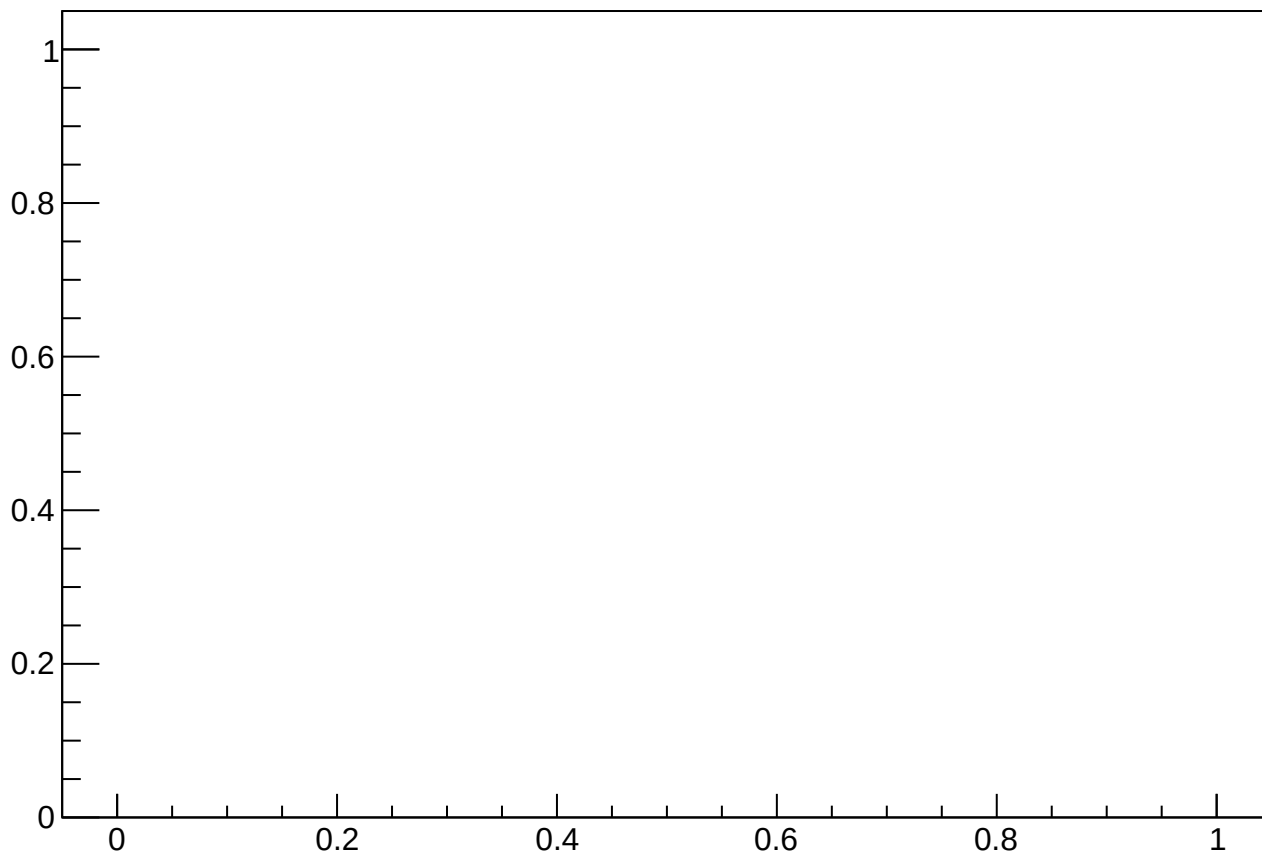
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_atl2_coil6_err_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

dit_atl2_coil6_Ndata_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

dit_atr1_coil6_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

dit_atr1_coil6_err_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

dit_atr1_coil6_Ndata_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

dit_atr2_coil6_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

dit_atr2_coil6_err_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

dit_atr2_coil6_Ndata_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

dit_sam1_coil6_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

dit_sam1_coil6_err_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

dit_sam1_coil6_Ndata_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

dit_sam2_coil6_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

dit_sam2_coil6_err_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

dit_sam2_coil6_Ndata_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

dit_sam3_coil6_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

dit_sam3_coil6_err_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

dit_sam3_coil6_Ndata_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

dit_sam4_coil6_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

dit_sam4_coil6_err_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

dit_sam4_coil6_Ndata_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

dit_sam5_coil6_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

dit_sam5_coil6_err_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

dit_sam5_coil6_Ndata_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

dit_sam6_coil6_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

dit_sam6_coil6_err_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

dit_sam6_coil6_Ndata_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

dit_sam7_coil6_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

dit_sam7_coil6_err_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

dit_sam7_coil6_Ndata_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

dit_sam8_coil6_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

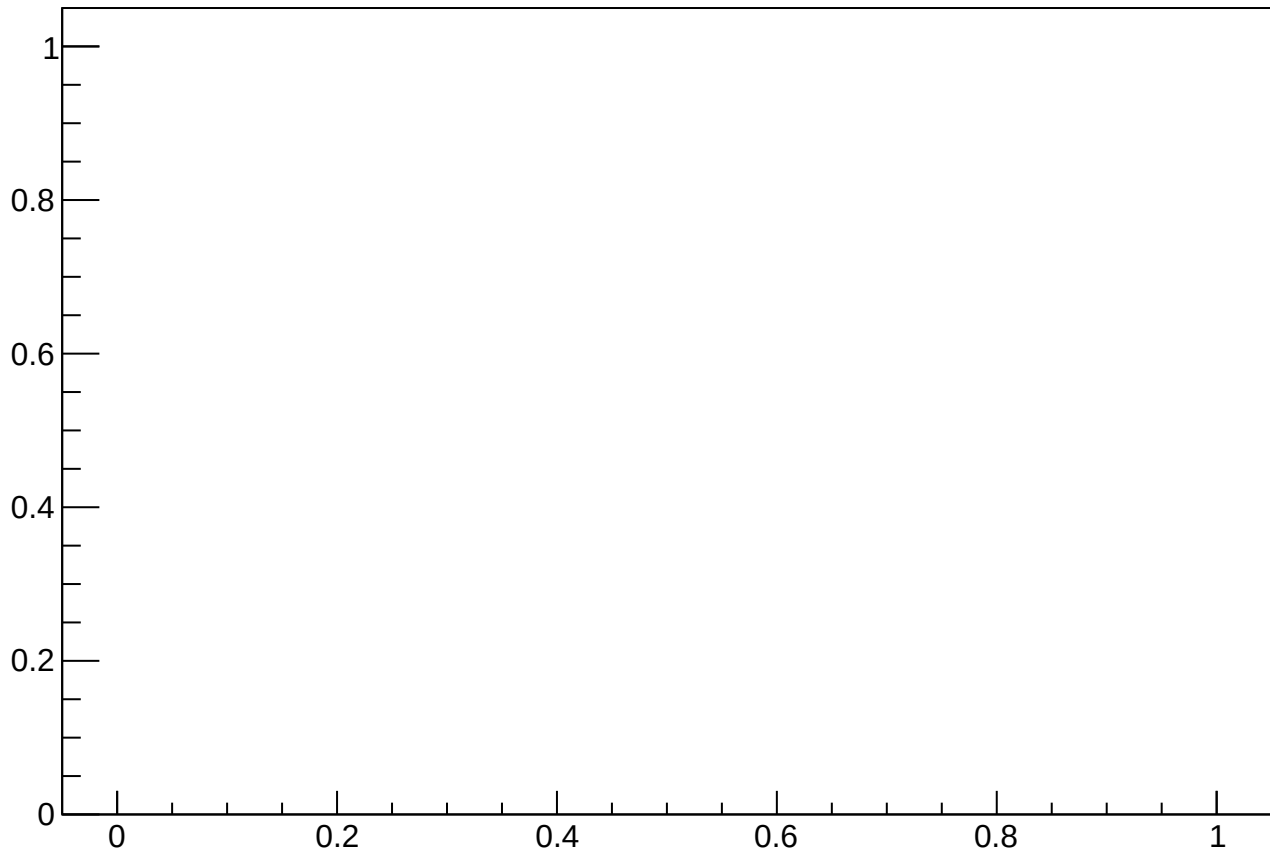
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_sam8_coil6_err_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

dit_sam8_coil6_Ndata_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

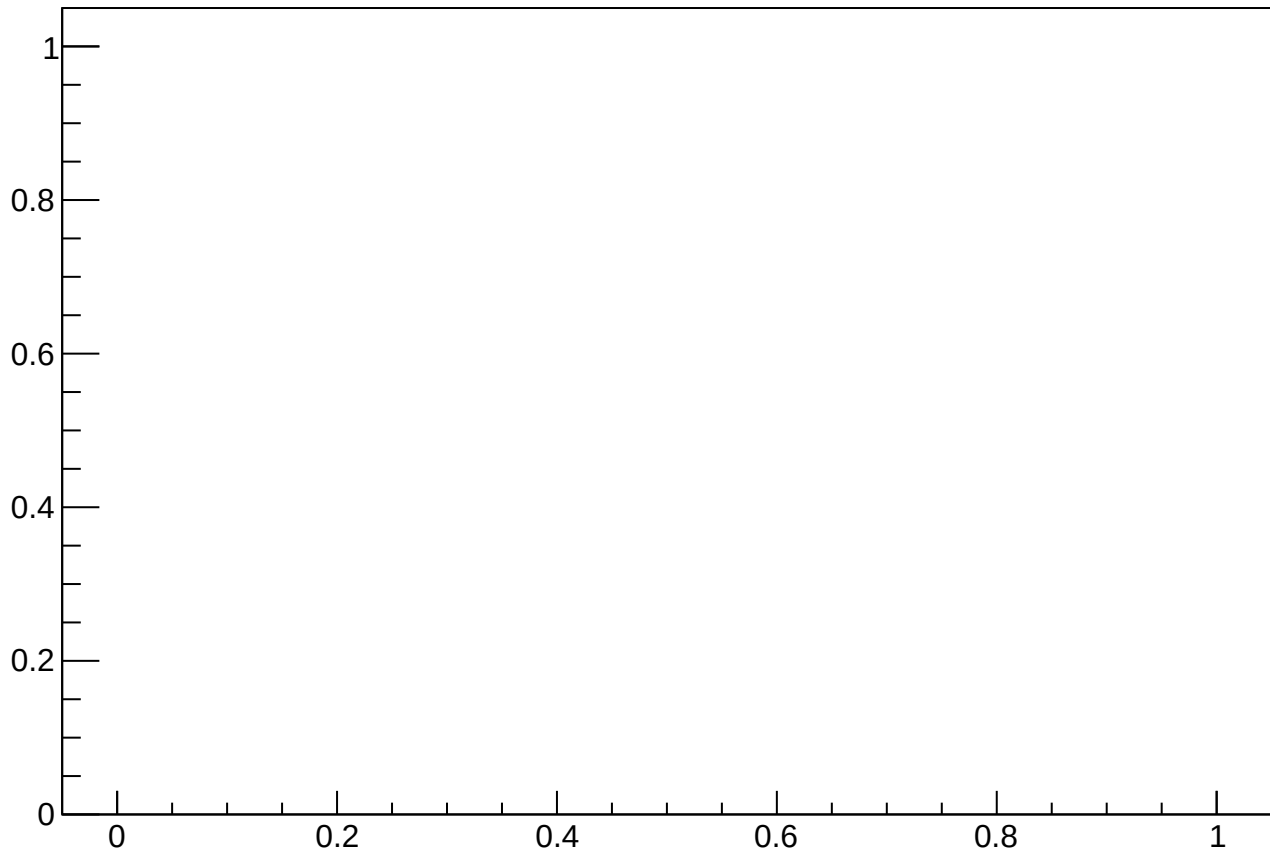
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

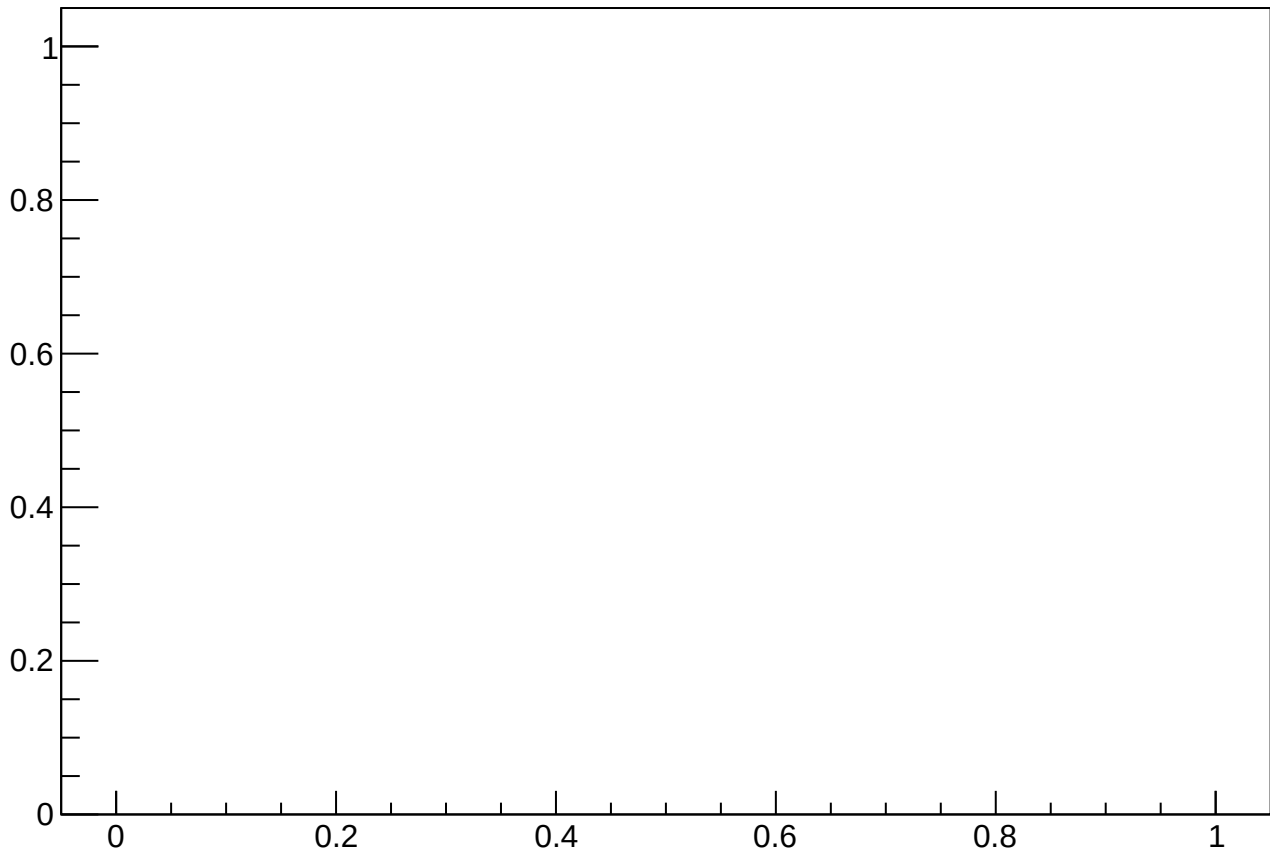
dit_run_mean vs Slug, Sign Corrected



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

dit_run_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

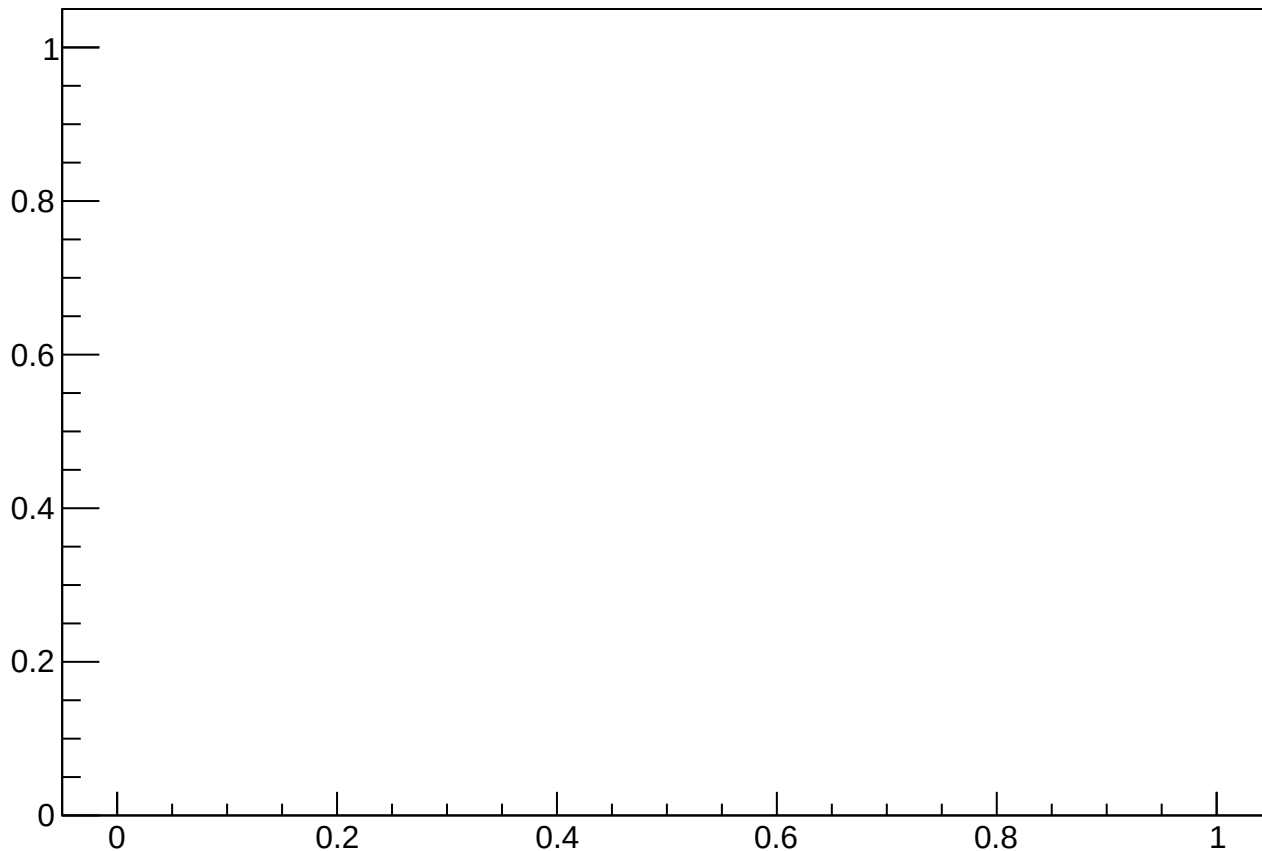
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_slug_slope 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

dit_cyclenum_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

dit_cyclenum_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

dit_scandata1_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

dit_scandata1_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

dit_scandata2_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

dit_scandata2_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

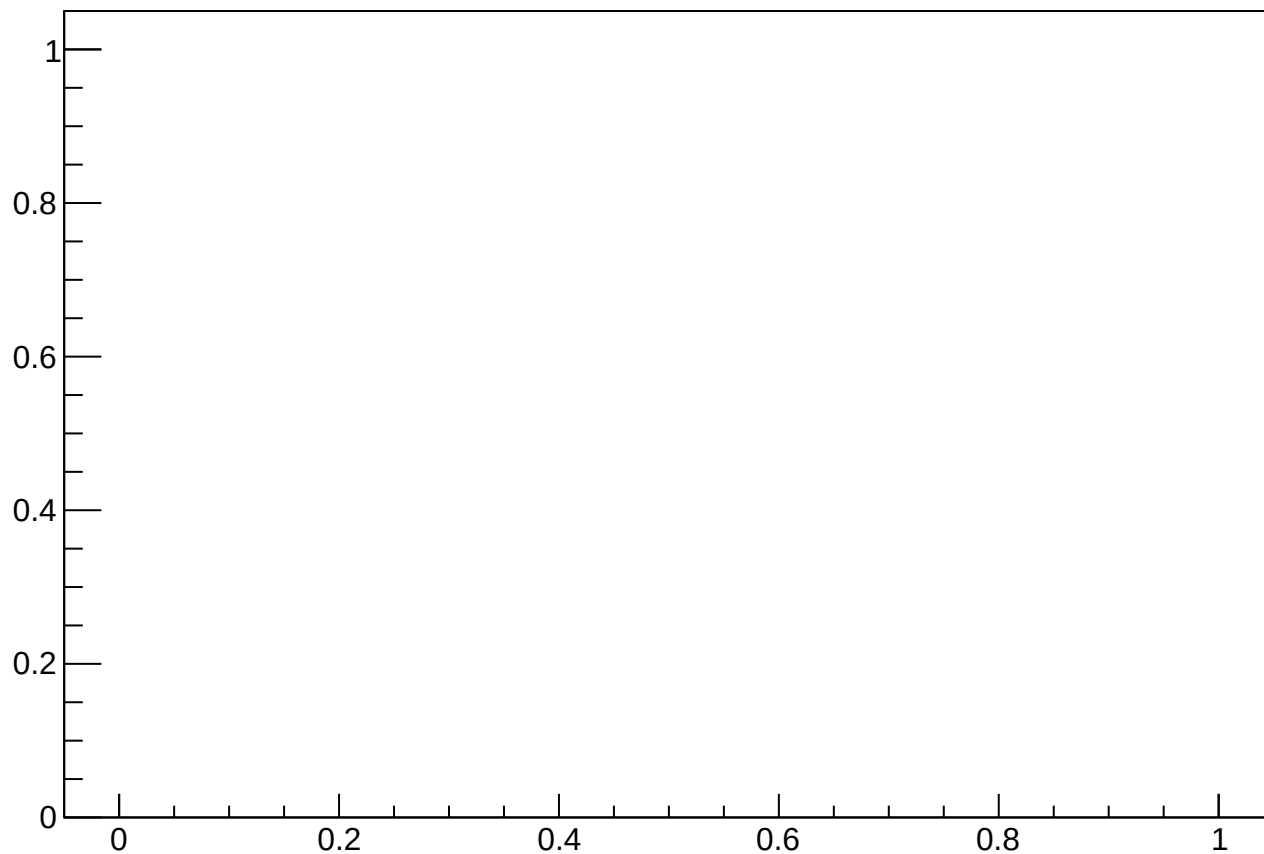
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_flag_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

dit_flag_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

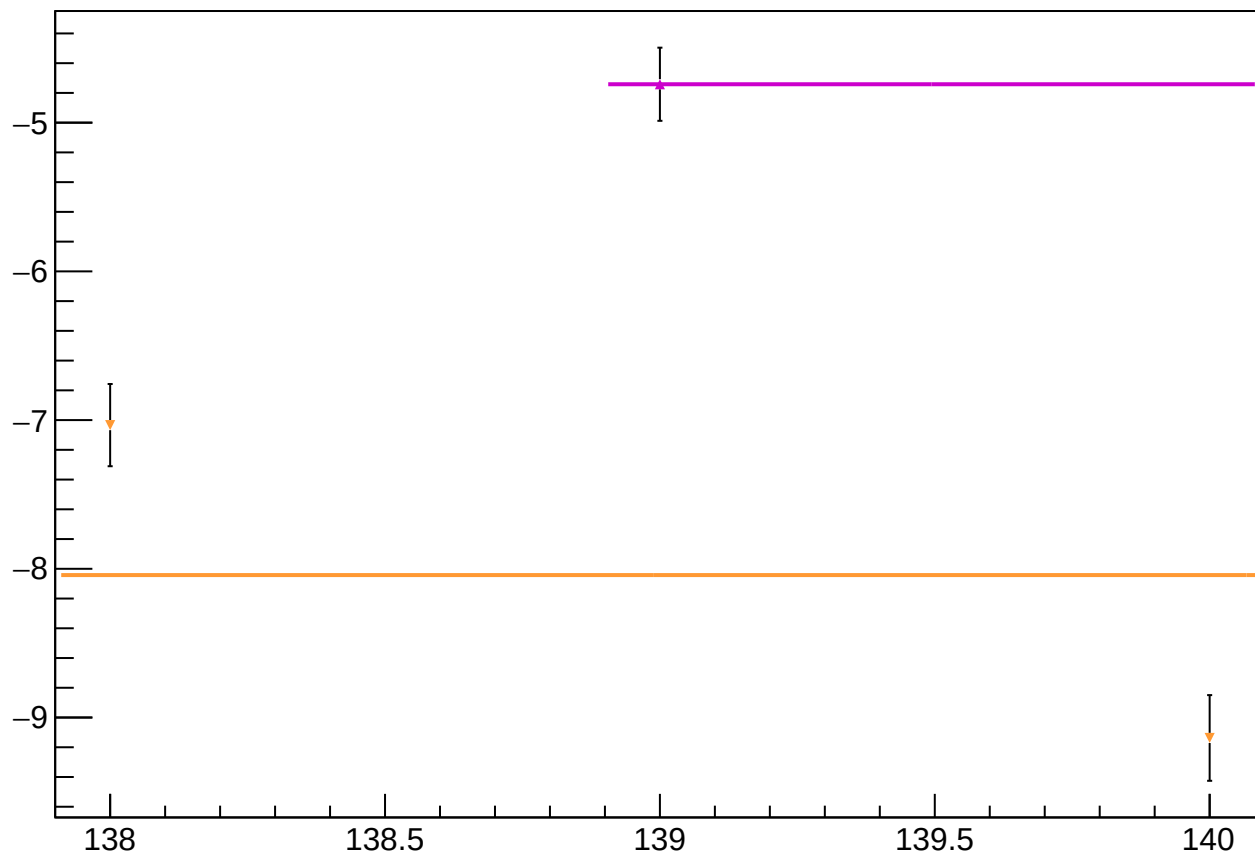
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.042+/-0.199 χ^2/NDF : 27.8/1

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

Left In: -4.742+/-0.246 χ^2/NDF : 0.0/0

Left: -6.733+/-0.155 χ^2/NDF : 136.4/2

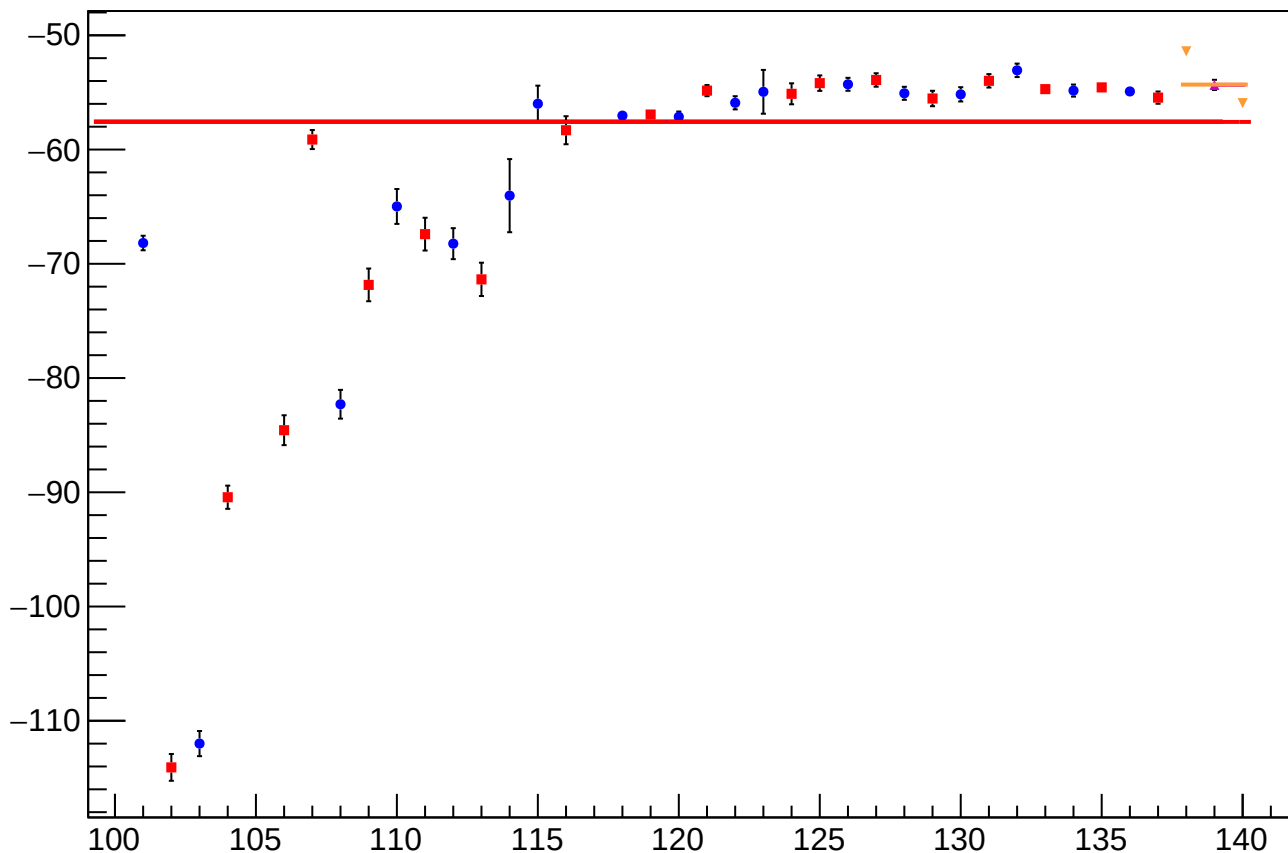
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.742+/-0.246 χ^2/NDF : 0.0/0

Out: -8.042+/-0.199 χ^2/NDF : 27.8/1

All: -6.733+/-0.155 χ^2/NDF : 136.4/2

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -54.312 $\pm$ 0.193 χ^2 /NDF:126.9/1

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -54.340 $\pm$ 0.445 χ^2 /NDF:0.0/0

Left: -54.317 $\pm$ 0.177 χ^2 /NDF: 126.9/2

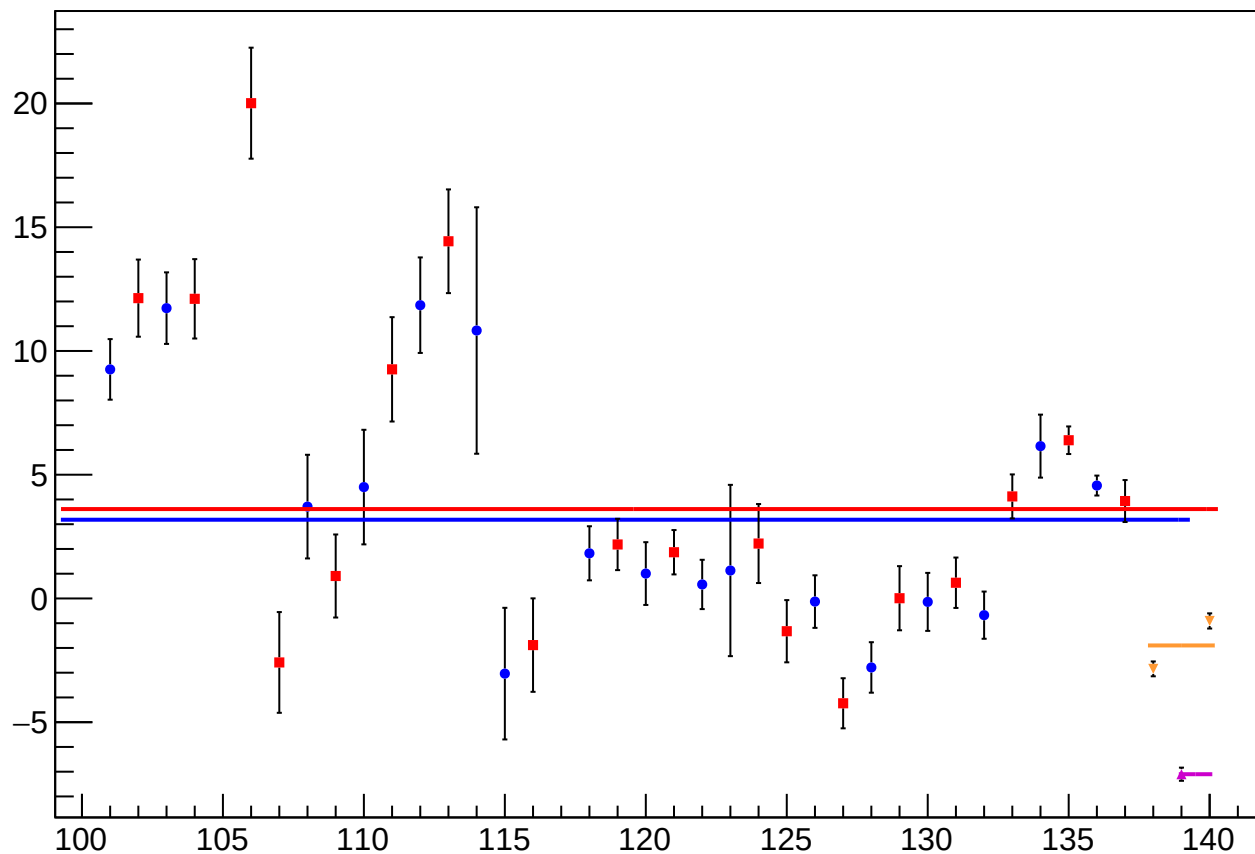
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -57.254 $\pm$ 0.135 χ^2 /NDF:3507.7/17

Out: -56.423 $\pm$ 0.115 χ^2 /NDF:4656.0/19

All: -56.772 $\pm$ 0.087 χ^2 /NDF: 8185.6/37

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -1.899 ± 0.215 χ^2/NDF : 20.3/1

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -7.102 ± 0.266 χ^2/NDF : 0.0/0

Left: -3.949 ± 0.167 χ^2/NDF : 251.9/2

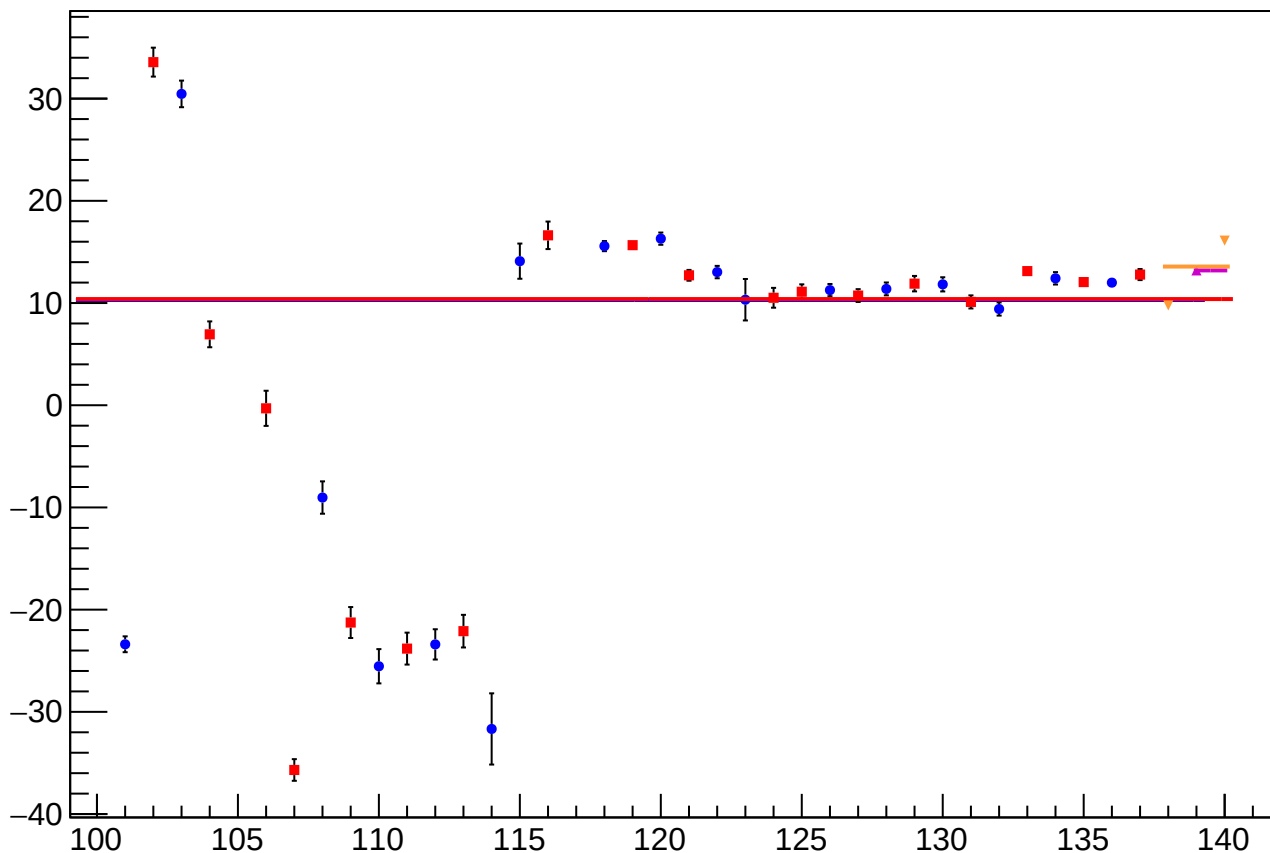
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -1.800 ± 0.185 χ^2/NDF : 954.8/17

Out: 0.256 ± 0.167 χ^2/NDF : 567.3/19

All: -0.669 ± 0.124 χ^2/NDF : 1589.9/37

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.569+/-0.224 χ^2/NDF :192.8/1

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 13.192+/-0.428 χ^2/NDF :0.0/0

Left: 13.488+/-0.198 χ^2/NDF : 193.4/2

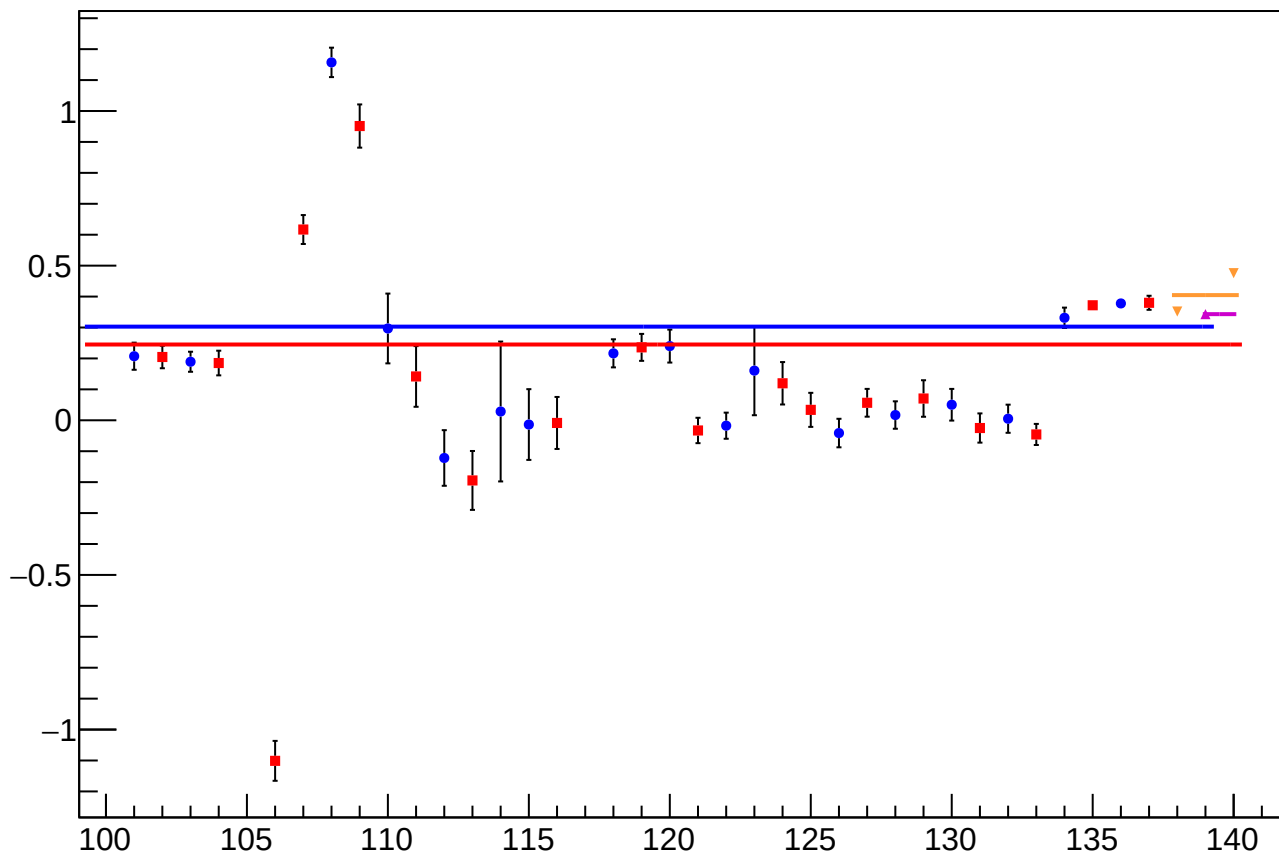
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 10.643+/-0.147 χ^2/NDF :3739.5/17

Out: 11.463+/-0.130 χ^2/NDF :4113.0/19

All: 11.104+/-0.098 χ^2/NDF : 7869.9/37

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.405 $\pm$ 0.009 χ^2 /NDF: 49.7/1

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.343 $\pm$ 0.009 χ^2 /NDF: 0.0/0

Left: 0.376 $\pm$ 0.006 χ^2 /NDF: 72.7/2

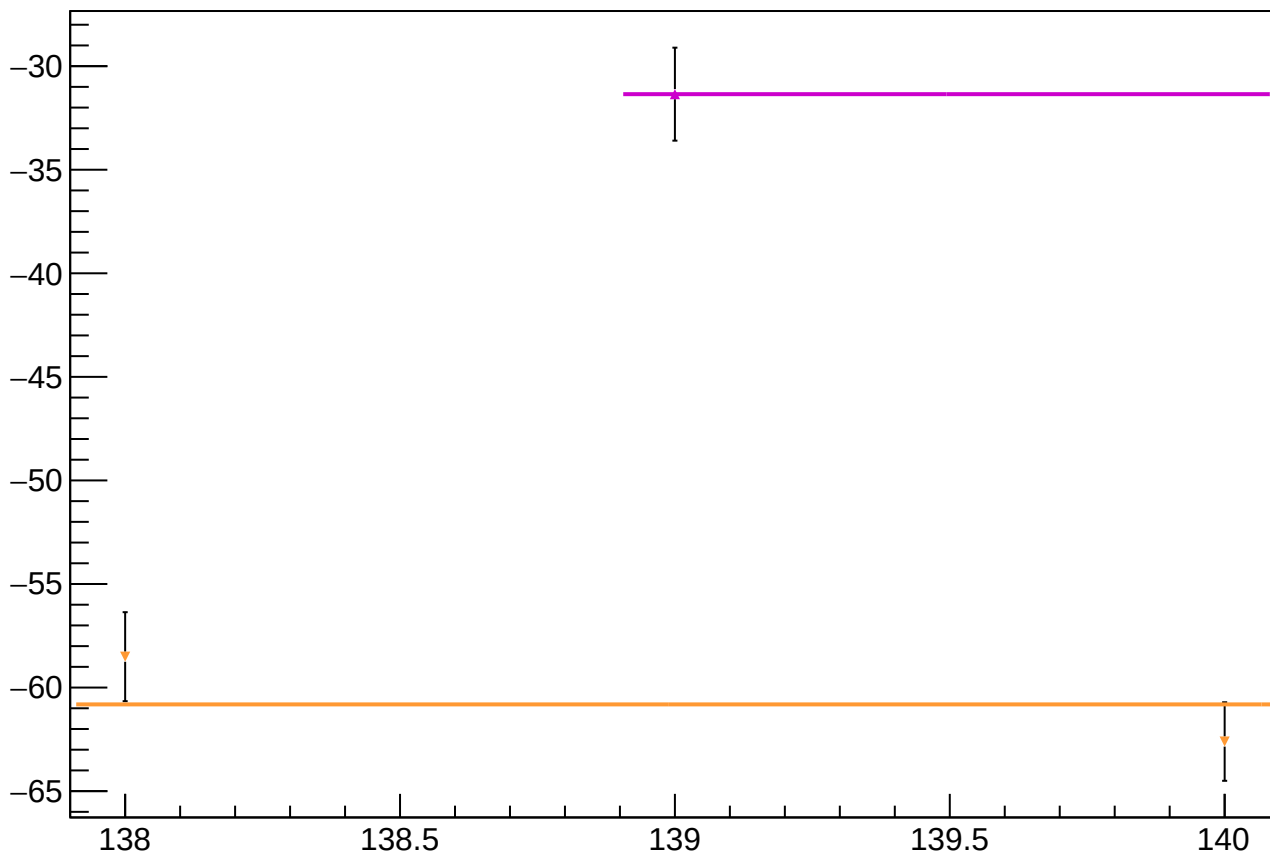
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.320 $\pm$ 0.006 χ^2 /NDF: 657.6/17

Out: 0.323 $\pm$ 0.006 χ^2 /NDF: 1176.2/19

All: 0.322 $\pm$ 0.004 χ^2 /NDF: 1833.9/37

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

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

Left In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Left: -52.380+/-1.201 χ^2/NDF : 125.0/2

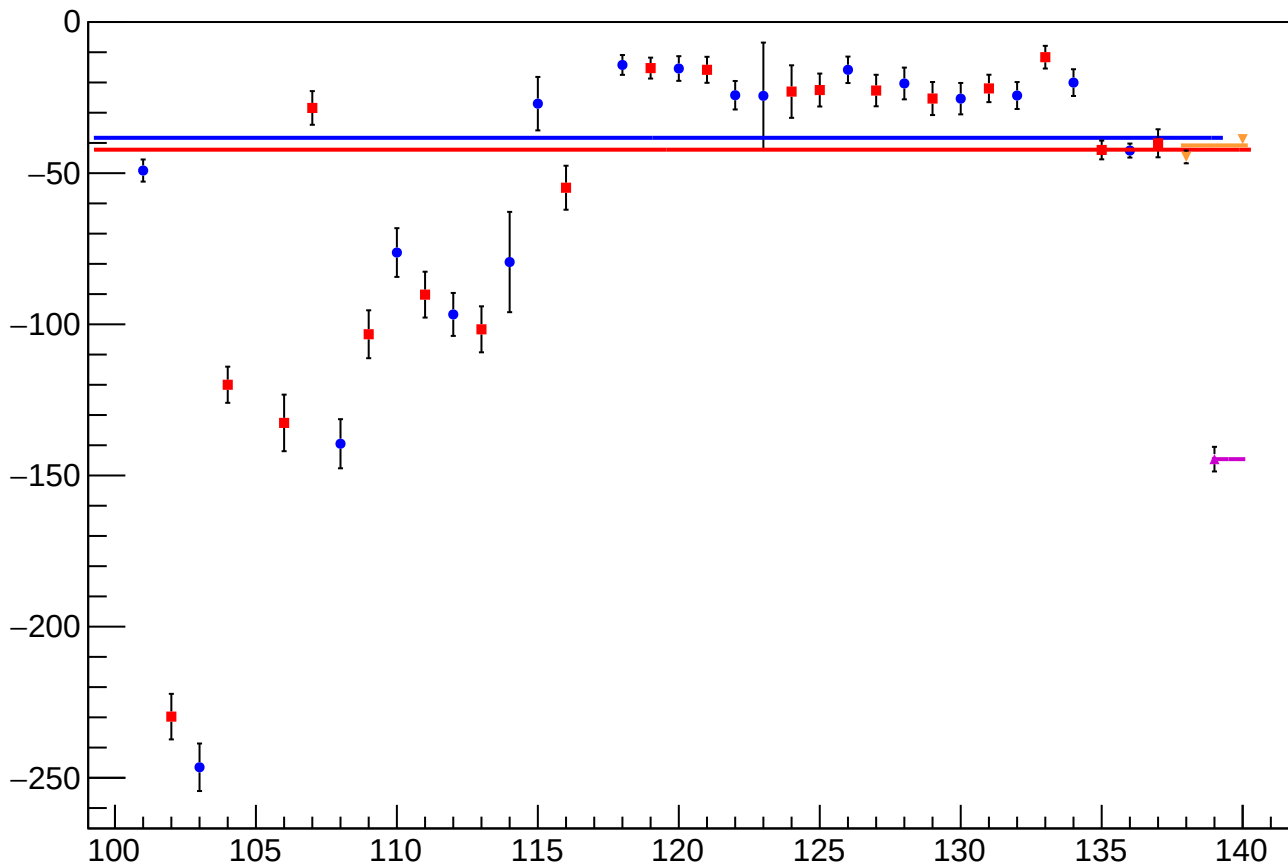
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.352+/-2.244 χ^2/NDF : 0.0/0

Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

All: -52.380+/-1.201 χ^2/NDF : 125.0/2

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 $\pm$ 1.138 χ^2/NDF : 1132.8/16

Left Out: -40.816 $\pm$ 1.247 χ^2/NDF : 5.1/1

Right Out: -42.231 $\pm$ 1.210 χ^2/NDF : 1278.1/17

Left In: -144.594 $\pm$ 4.071 χ^2/NDF : 0.0/0

Left: -49.721 $\pm$ 1.193 χ^2/NDF : 599.1/2

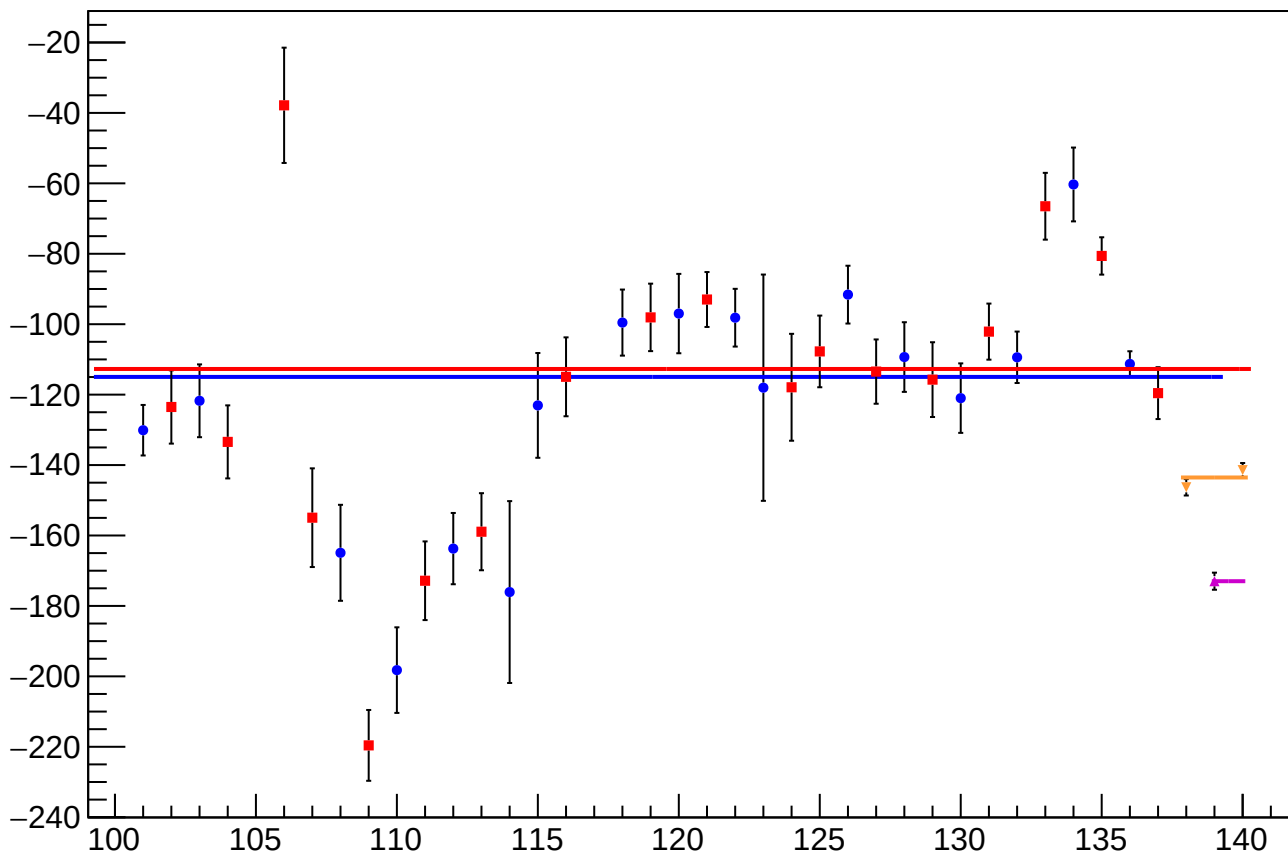
Right: -40.148 $\pm$ 0.829 χ^2/NDF : 2416.5/34

In: -46.007 $\pm$ 1.096 χ^2/NDF : 1764.9/17

Out: -41.545 $\pm$ 0.868 χ^2/NDF : 1283.9/19

All: -43.266 $\pm$ 0.681 χ^2/NDF : 3059.0/37

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -143.529 $\pm$ 1.525 χ^2 /NDF:2.5/1

Right Out: -112.713 $\pm$ 2.210 χ^2 /NDF: 267.1/17

Left In: -172.979 $\pm$ 2.428 χ^2 /NDF:0.0/0

Left: -151.862 $\pm$ 1.292 χ^2 /NDF: 108.0/2

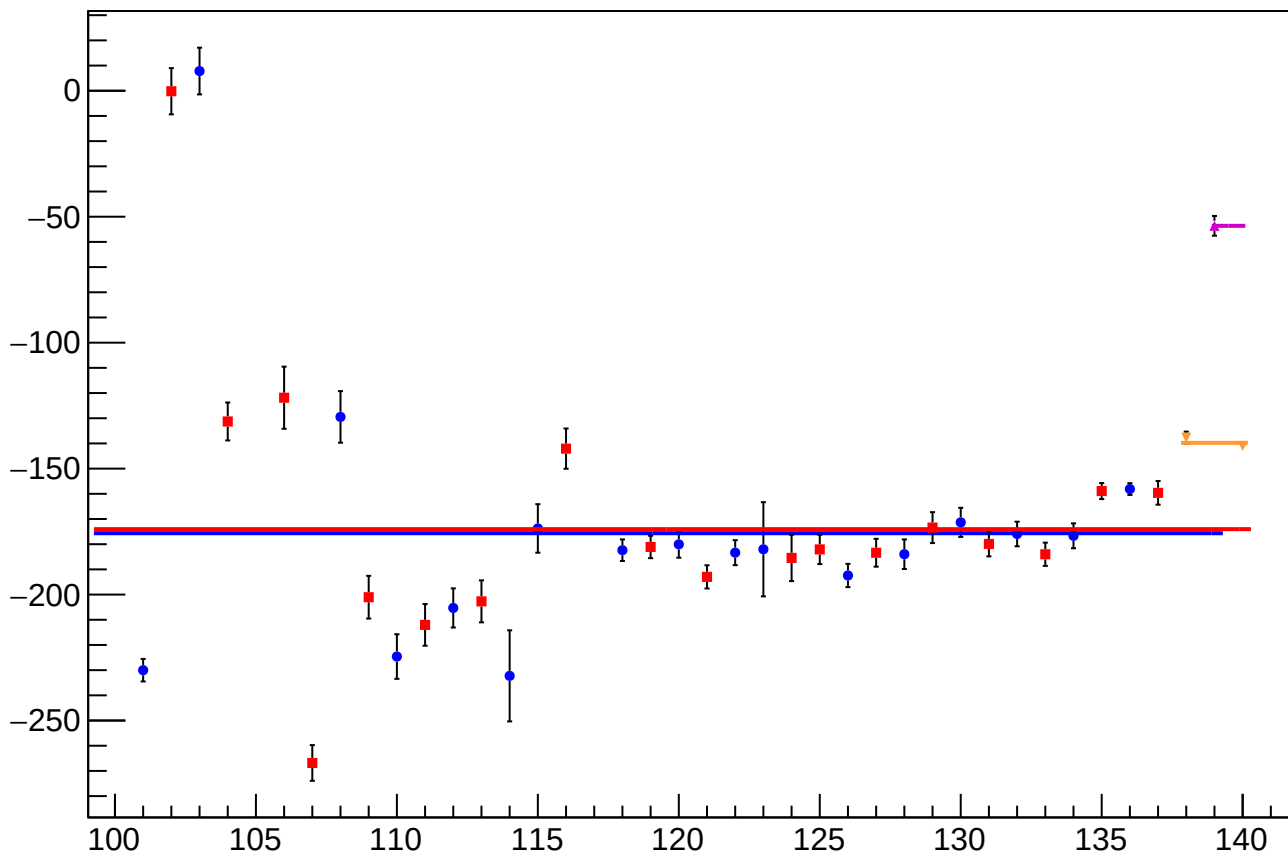
Right: -113.912 $\pm$ 1.513 χ^2 /NDF: 409.1/34

In: -139.449 $\pm$ 1.577 χ^2 /NDF:471.4/17

Out: -133.588 $\pm$ 1.255 χ^2 /NDF:401.3/19

All: -135.861 $\pm$ 0.982 χ^2 /NDF: 881.1/37

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.772 ± 1.481 χ^2/NDF : 1.1/1

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -53.620 ± 3.922 χ^2/NDF : 0.0/0

Left: -129.013 ± 1.386 χ^2/NDF : 423.5/2

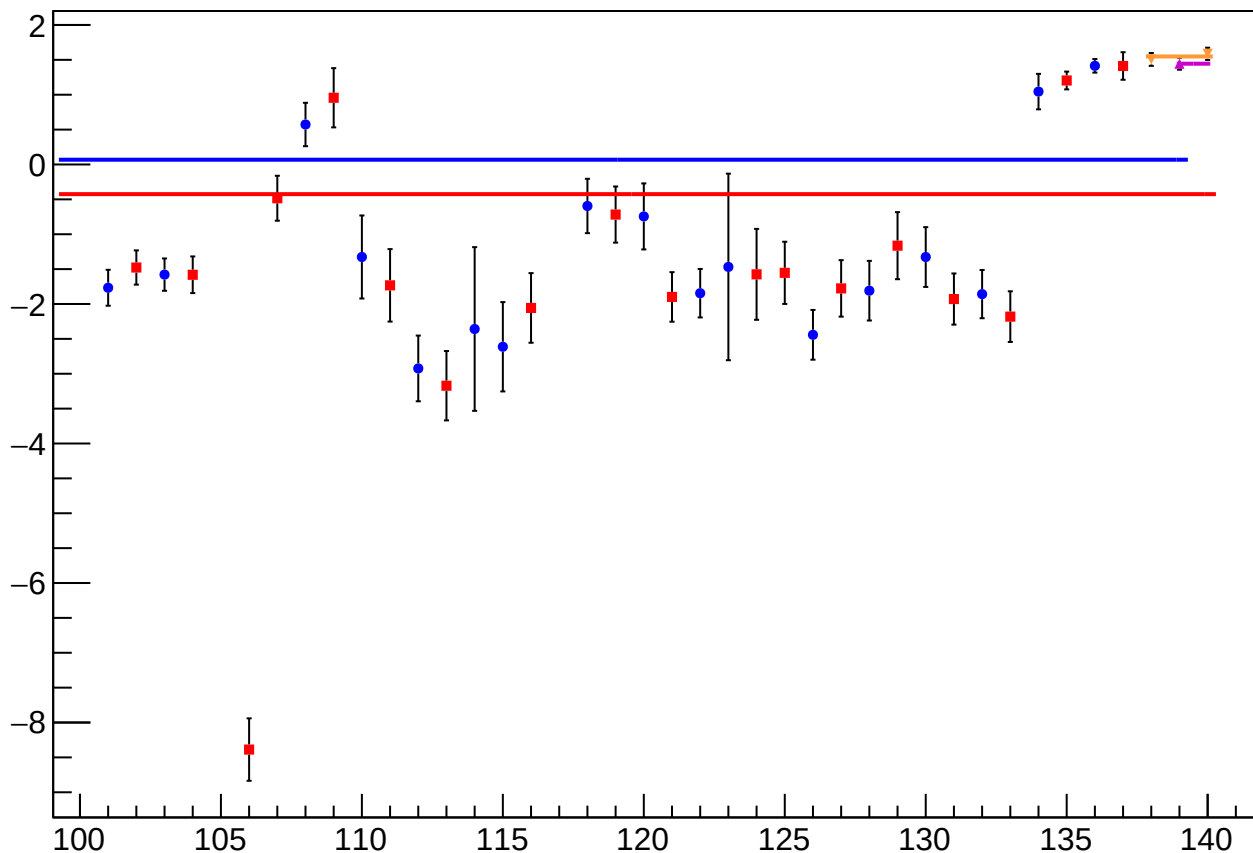
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -164.083 ± 1.207 χ^2/NDF : 1568.5/17

Out: -158.419 ± 1.000 χ^2/NDF : 995.7/19

All: -160.723 ± 0.770 χ^2/NDF : 2577.3/37

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.548 ± 0.064 χ^2/NDF : 0.4/1

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.445 ± 0.086 χ^2/NDF : 0.0/0

Left: 1.512 ± 0.051 χ^2/NDF : 1.3/2

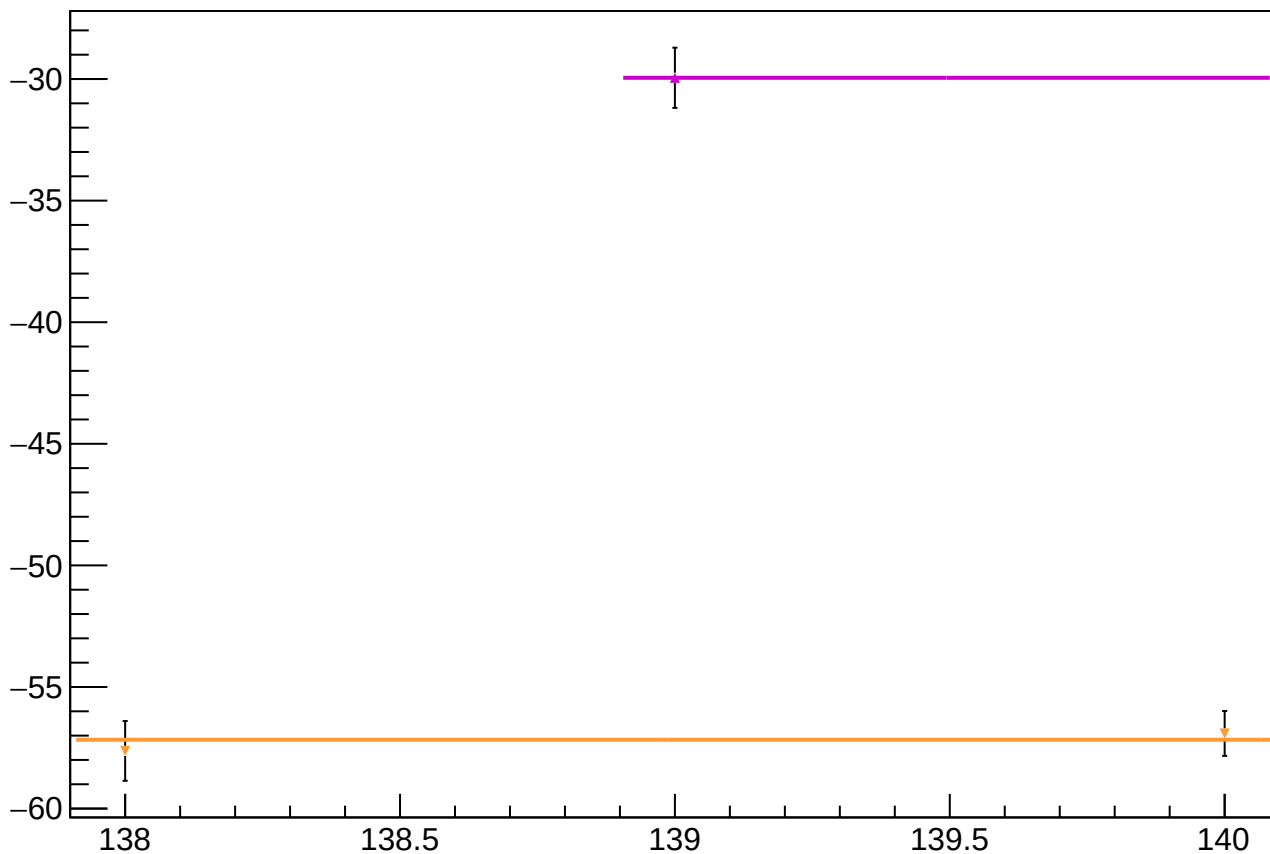
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 0.589 ± 0.053 χ^2/NDF : 685.5/17

Out: 0.672 ± 0.047 χ^2/NDF : 1169.9/19

All: 0.635 ± 0.035 χ^2/NDF : 1856.7/37

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.169+/-0.738 χ^2/NDF : 0.2/1

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

Left In: -29.949+/-1.238 χ^2/NDF : 0.0/0

Left: -50.036+/-0.634 χ^2/NDF : 356.8/2

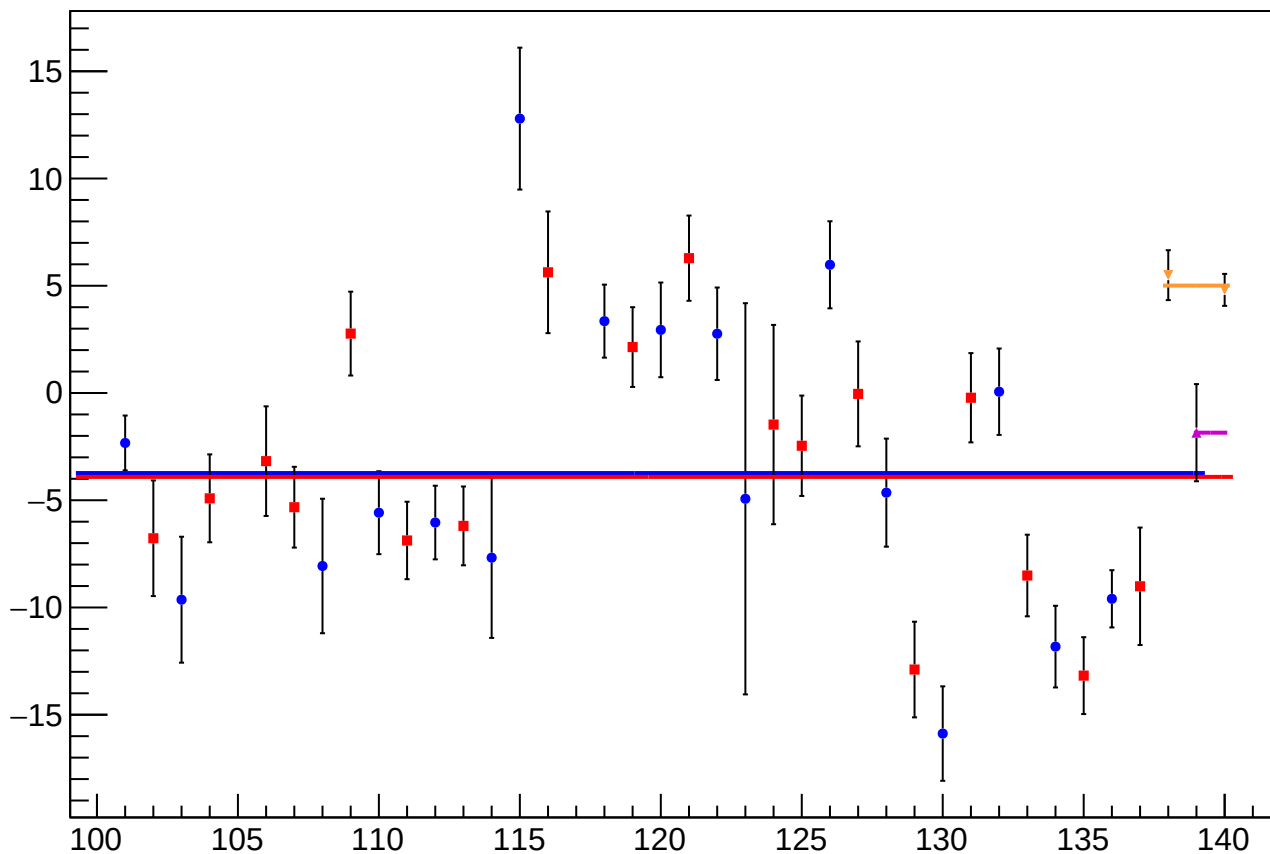
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.949+/-1.238 χ^2/NDF : 0.0/0

Out: -57.169+/-0.738 χ^2/NDF : 0.2/1

All: -50.036+/-0.634 χ^2/NDF : 356.8/2

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 5.008 ± 0.628 χ^2/NDF : 0.2/1

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -1.850 ± 2.265 χ^2/NDF : 0.0/0

Left: 4.518 ± 0.605 χ^2/NDF : 8.8/2

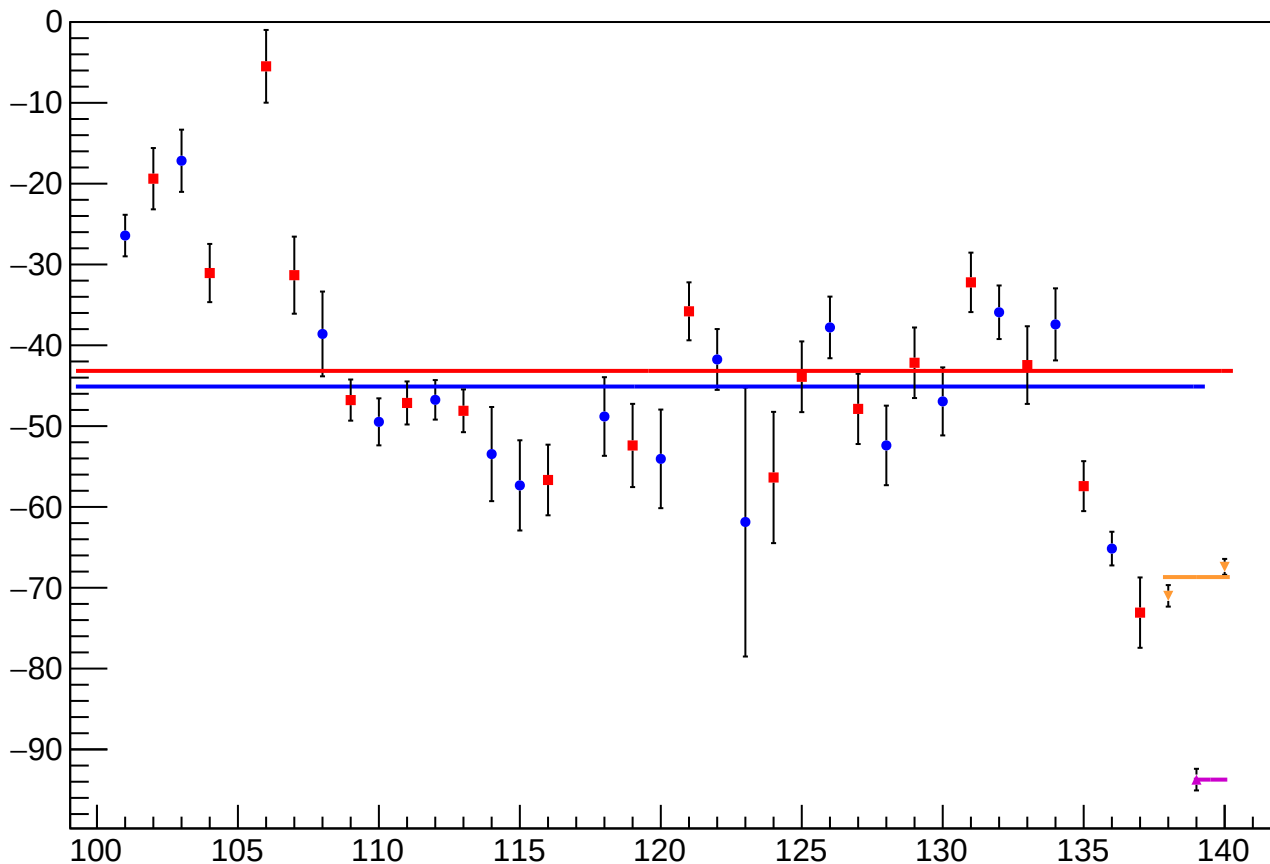
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -3.646 ± 0.484 χ^2/NDF : 166.5/17

Out: -0.391 ± 0.394 χ^2/NDF : 247.2/19

All: -1.688 ± 0.306 χ^2/NDF : 440.9/37

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -68.678 ± 0.791 χ^2/NDF : 4.7/1

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -93.739 ± 1.338 χ^2/NDF : 0.0/0

Left: -75.165 ± 0.681 χ^2/NDF : 264.8/2

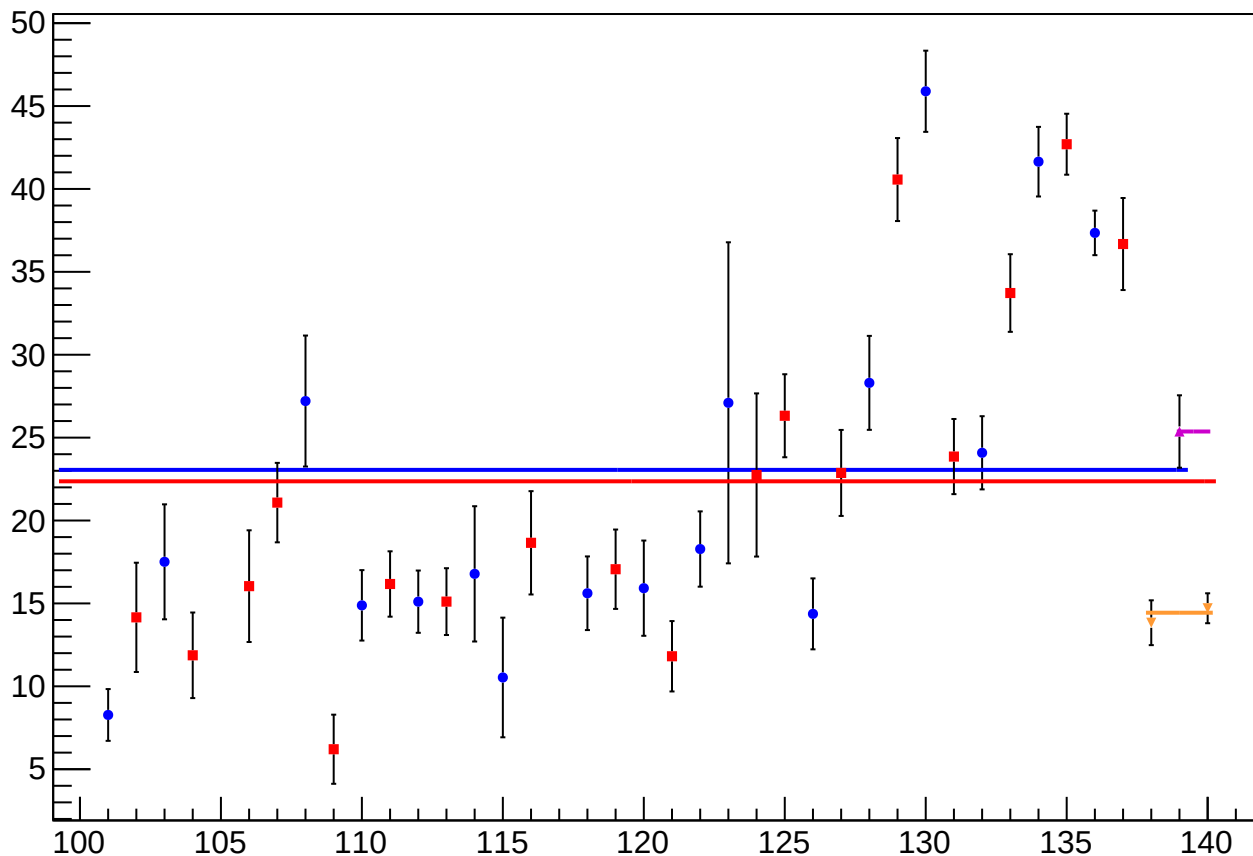
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -59.850 ± 0.737 χ^2/NDF : 1151.5/17

Out: -57.272 ± 0.588 χ^2/NDF : 703.1/19

All: -58.275 ± 0.460 χ^2/NDF : 1862.1/37

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 14.439 $\pm$ 0.751 χ^2 /NDF:0.3/1

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 25.370 $\pm$ 2.184 χ^2 /NDF:0.0/0

Left: 15.594 $\pm$ 0.710 χ^2 /NDF: 22.7/2

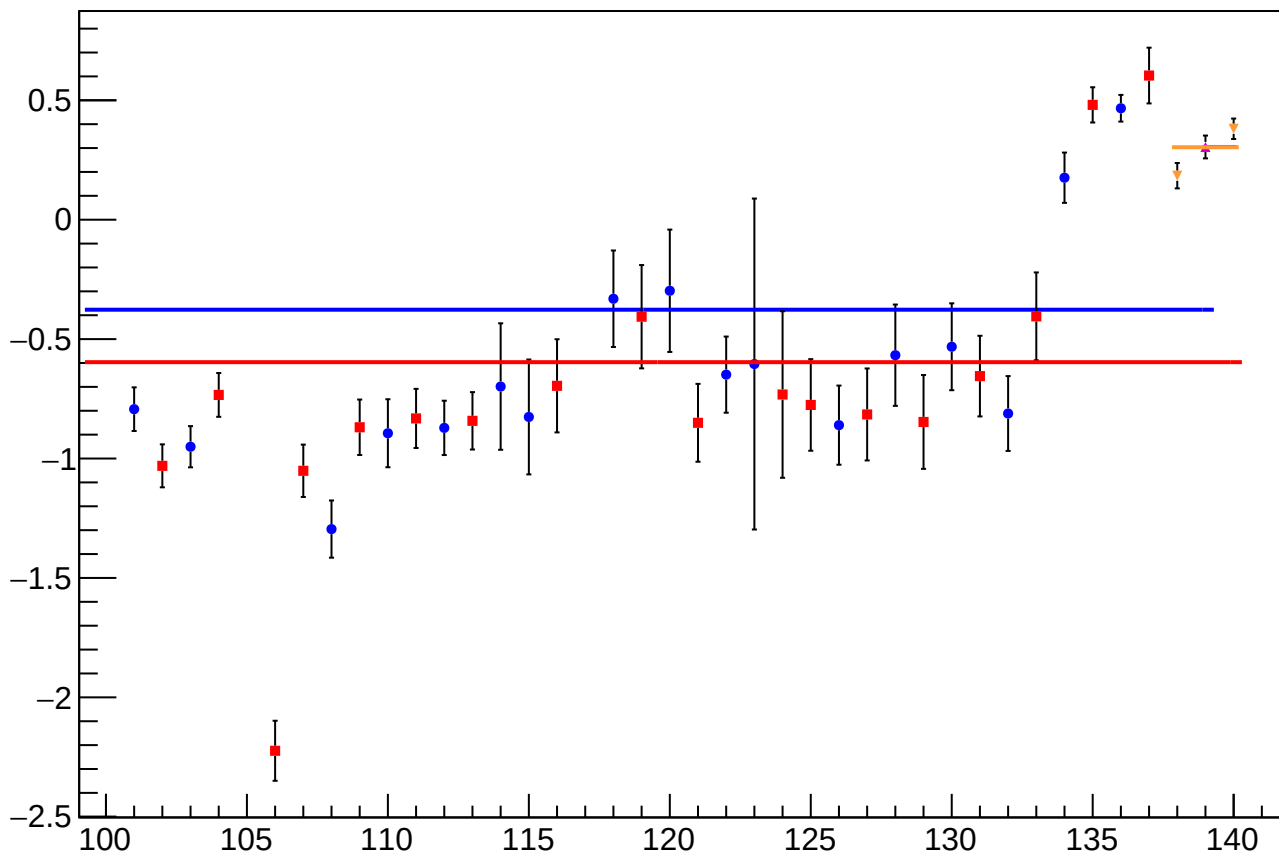
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.196 $\pm$ 0.540 χ^2 /NDF:462.2/17

Out: 19.450 $\pm$ 0.455 χ^2 /NDF:439.5/19

All: 21.008 $\pm$ 0.348 χ^2 /NDF: 929.9/37

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.303 ± 0.033 $\chi^2/\text{NDF}: 8.3/1$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.305 ± 0.048 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.304 ± 0.027 $\chi^2/\text{NDF}: 8.3/2$

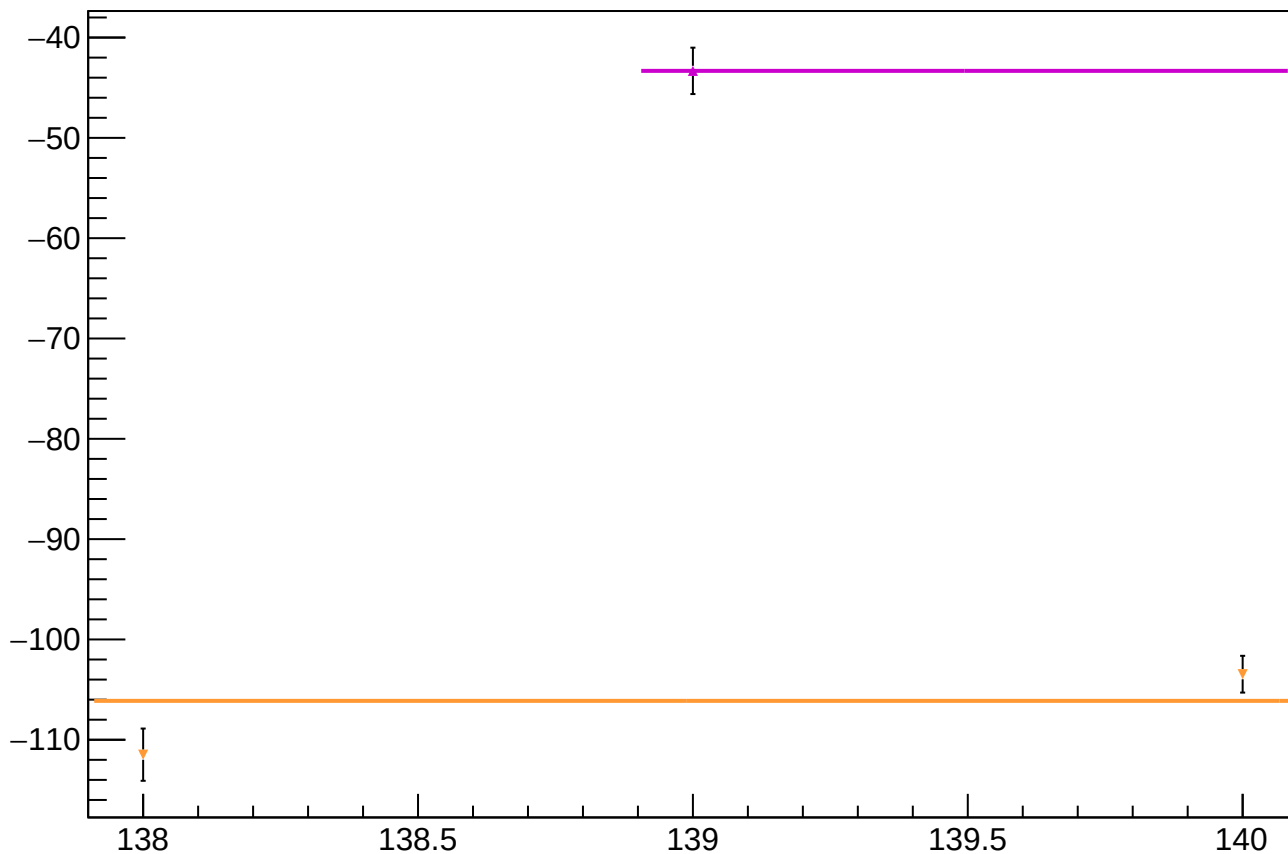
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: -0.183 ± 0.025 $\chi^2/\text{NDF}: 583.2/17$

Out: -0.190 ± 0.022 $\chi^2/\text{NDF}: 959.4/19$

All: -0.187 ± 0.017 $\chi^2/\text{NDF}: 1542.6/37$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

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

Left In: -43.321+/-2.312 χ^2/NDF : 0.0/0

Left: -87.539+/-1.258 χ^2/NDF : 525.9/2

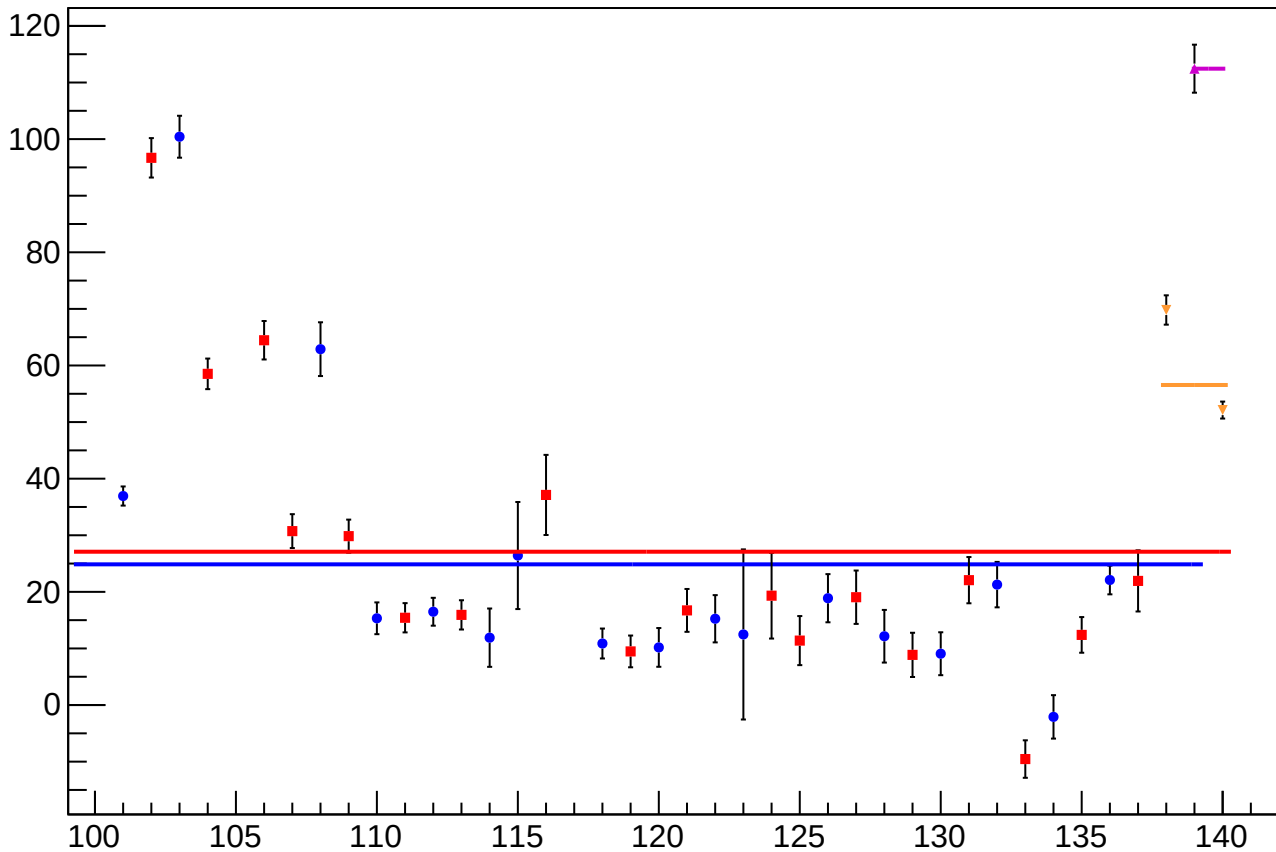
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.321+/-2.312 χ^2/NDF : 0.0/0

Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

All: -87.539+/-1.258 χ^2/NDF : 525.9/2

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863+/-0.802 χ^2/NDF : 691.0/16

Left Out: 56.554+/-1.298 χ^2/NDF : 34.9/1

Right Out: 27.093+/-0.812 χ^2/NDF : 930.9/17

Left In: 112.445+/-4.242 χ^2/NDF : 0.0/0

Left: 61.337+/-1.241 χ^2/NDF : 193.6/2

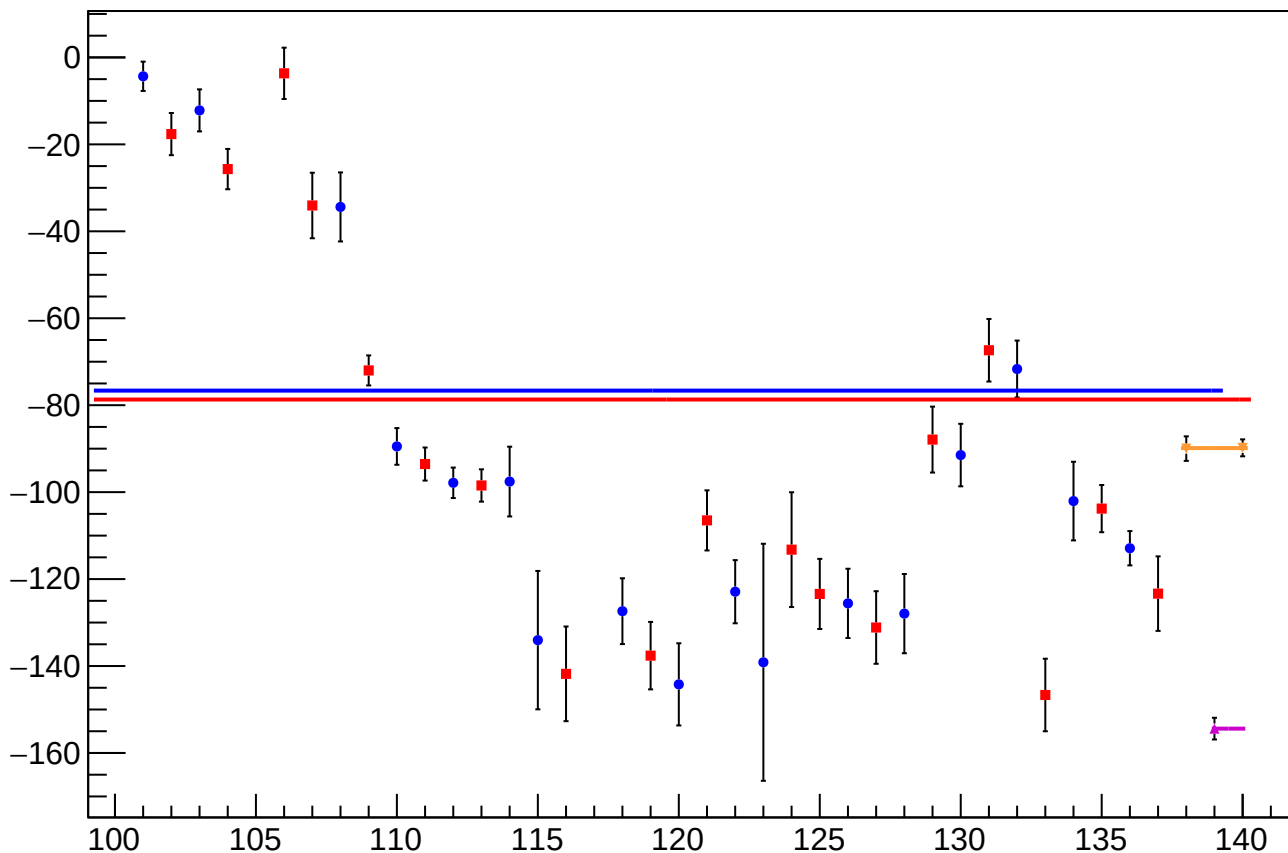
Right: 25.964+/-0.570 χ^2/NDF : 1625.8/34

In: 27.885+/-0.788 χ^2/NDF : 1102.5/17

Out: 35.376+/-0.688 χ^2/NDF : 1336.2/19

All: 32.134+/-0.518 χ^2/NDF : 2490.0/37

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -89.868 ± 1.606 χ^2/NDF : 0.0/1

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -154.401 ± 2.496 χ^2/NDF : 0.0/0

Left: -108.754 ± 1.350 χ^2/NDF : 472.7/2

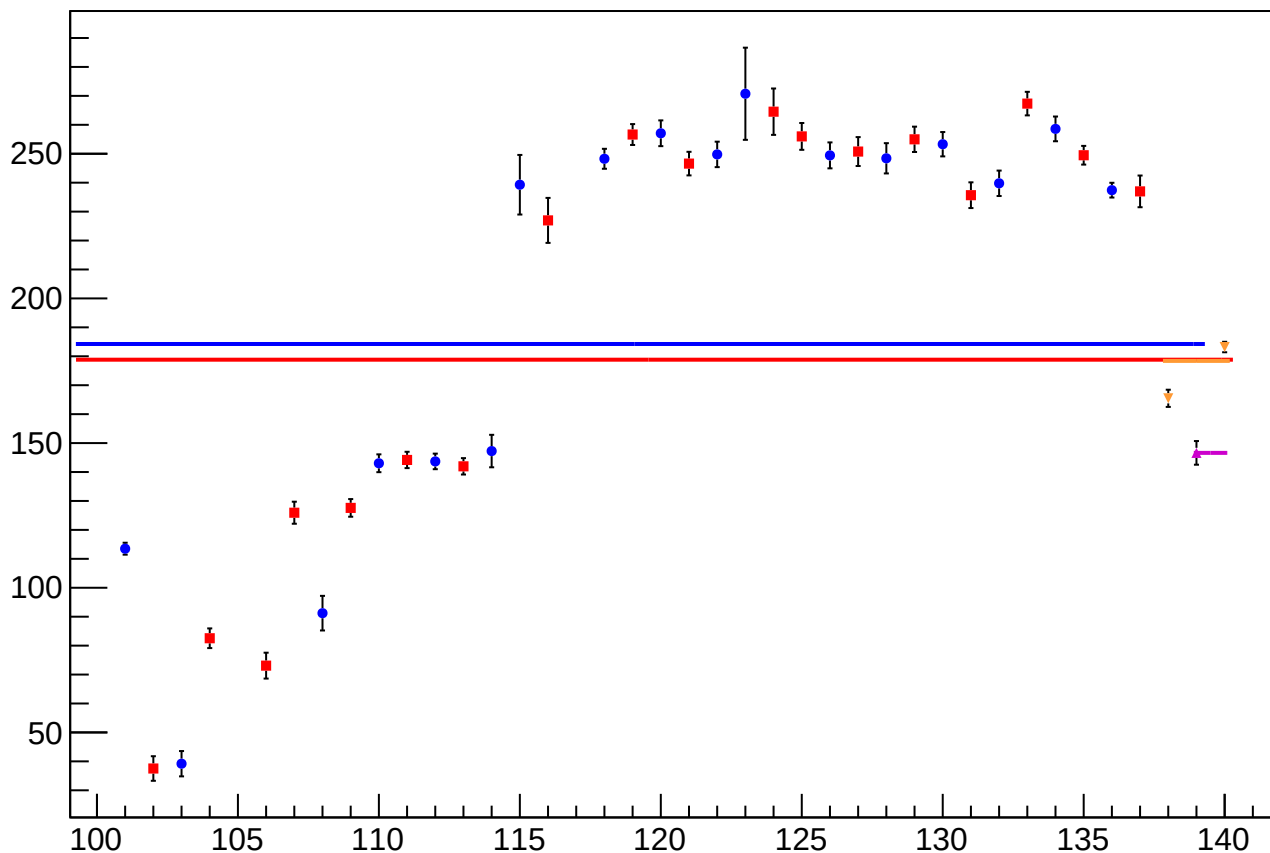
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -95.547 ± 1.231 χ^2/NDF : 1775.2/17

Out: -83.362 ± 1.038 χ^2/NDF : 864.7/19

All: -88.425 ± 0.793 χ^2/NDF : 2697.1/37

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 178.407 $\pm$ 1.546 χ^2 /NDF:25.9/1

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 146.616 $\pm$ 4.091 χ^2 /NDF:0.0/0

Left: 174.435 $\pm$ 1.446 χ^2 /NDF: 78.8/2

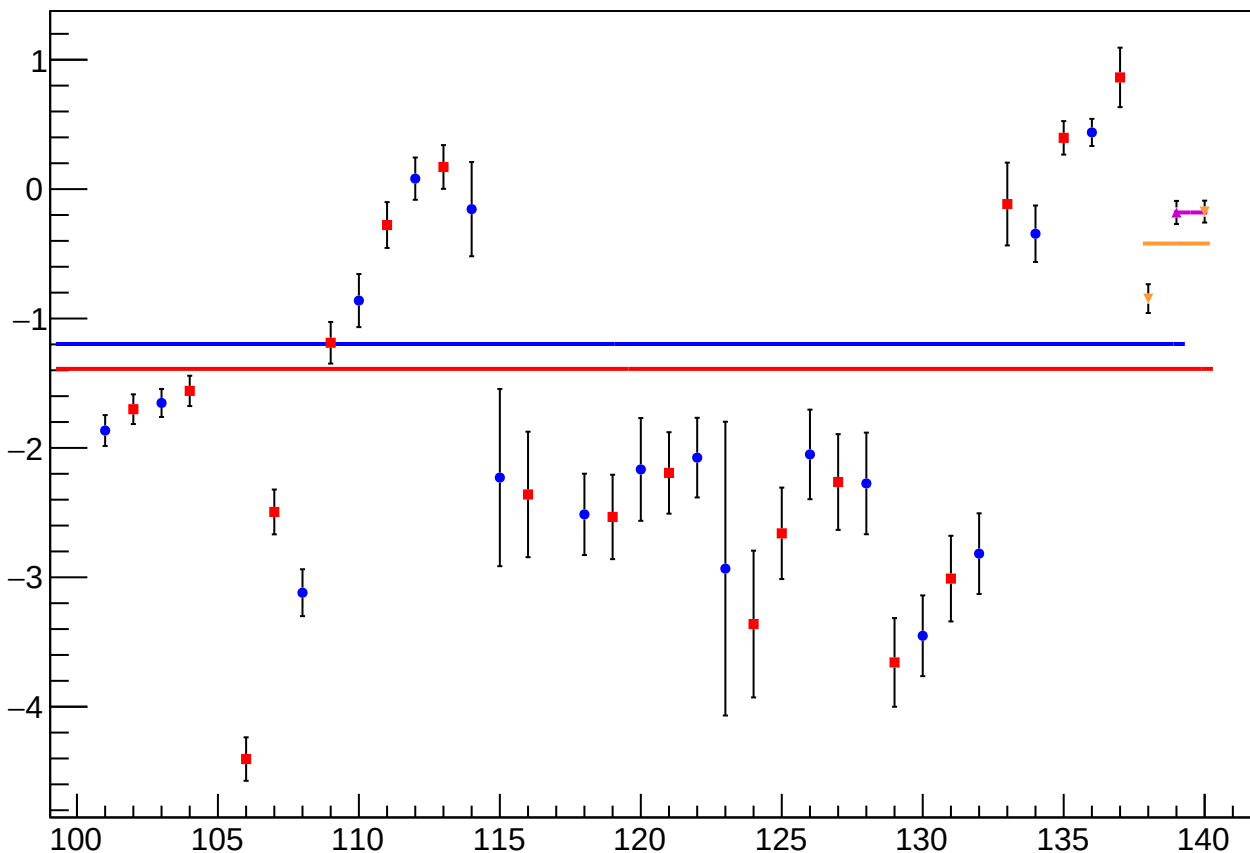
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 182.452 $\pm$ 0.893 χ^2 /NDF:5469.2/17

Out: 178.712 $\pm$ 0.794 χ^2 /NDF:6197.0/19

All: 180.363 $\pm$ 0.594 χ^2 /NDF: 11675.9/37

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.420 ± 0.067 χ^2/NDF : 23.1/1

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.181 ± 0.089 χ^2/NDF : 0.0/0

Left: -0.334 ± 0.054 χ^2/NDF : 27.7/2

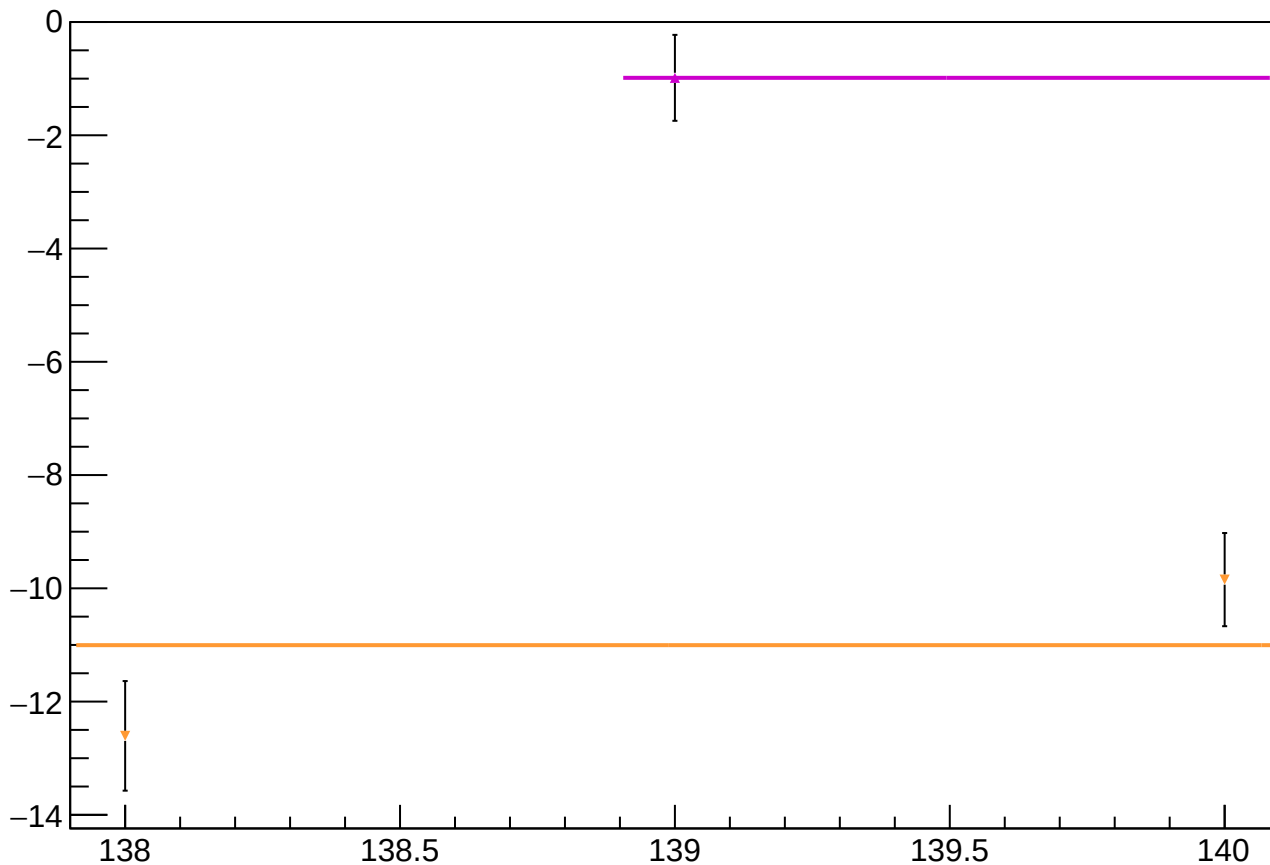
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.969 ± 0.042 χ^2/NDF : 721.6/17

Out: -1.080 ± 0.038 χ^2/NDF : 1086.2/19

All: -1.031 ± 0.028 χ^2/NDF : 1811.6/37

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

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

Left In: -0.986+/-0.759 χ^2/NDF : 0.0/0

Left: -6.940+/-0.483 χ^2/NDF : 108.3/2

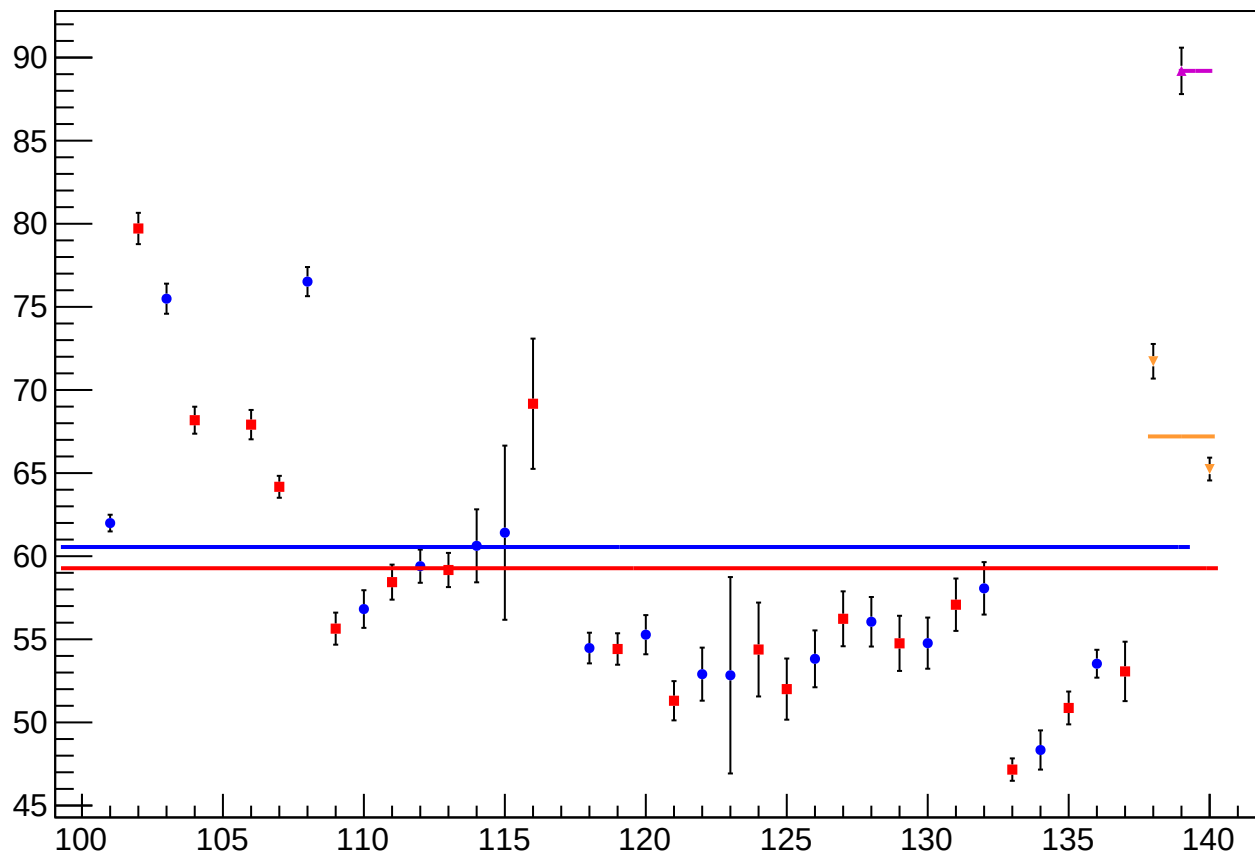
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.986+/-0.759 χ^2/NDF : 0.0/0

Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

All: -6.940+/-0.483 χ^2/NDF : 108.3/2

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 67.205 $\pm$ 0.573 χ^2 /NDF:27.0/1

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 89.198 $\pm$ 1.396 χ^2 /NDF:0.0/0

Left: 70.376 $\pm$ 0.530 χ^2 /NDF: 239.4/2

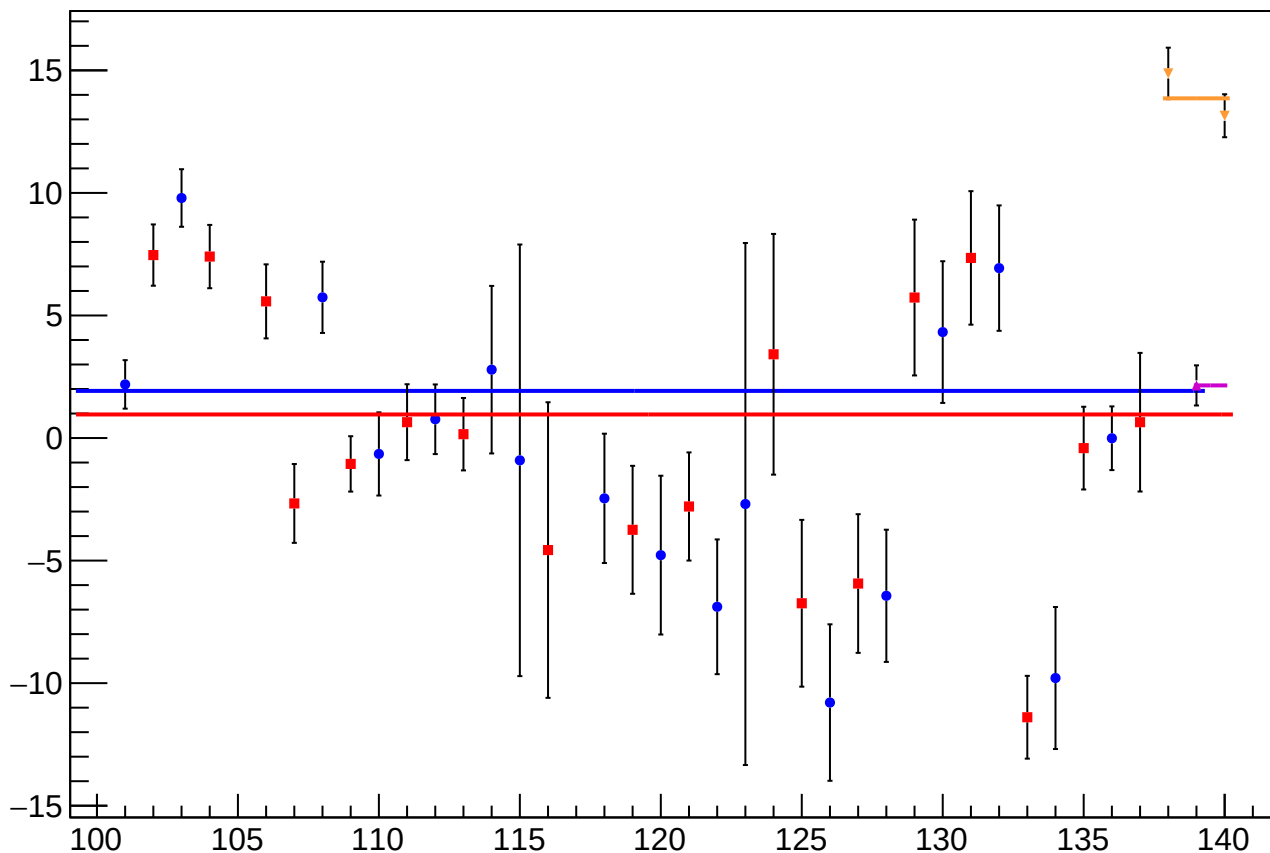
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 61.526 $\pm$ 0.257 χ^2 /NDF:1337.7/17

Out: 60.535 $\pm$ 0.228 χ^2 /NDF:1462.9/19

All: 60.971 $\pm$ 0.171 χ^2 /NDF: 2808.9/37

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 13.858+/-0.673 χ^2/NDF : 1.6/1

Right Out: 0.962+/-0.430 χ^2/NDF : 150.1/17

Left In: 2.147+/-0.819 χ^2/NDF : 0.0/0

Left: 9.136+/-0.520 χ^2/NDF : 123.7/2

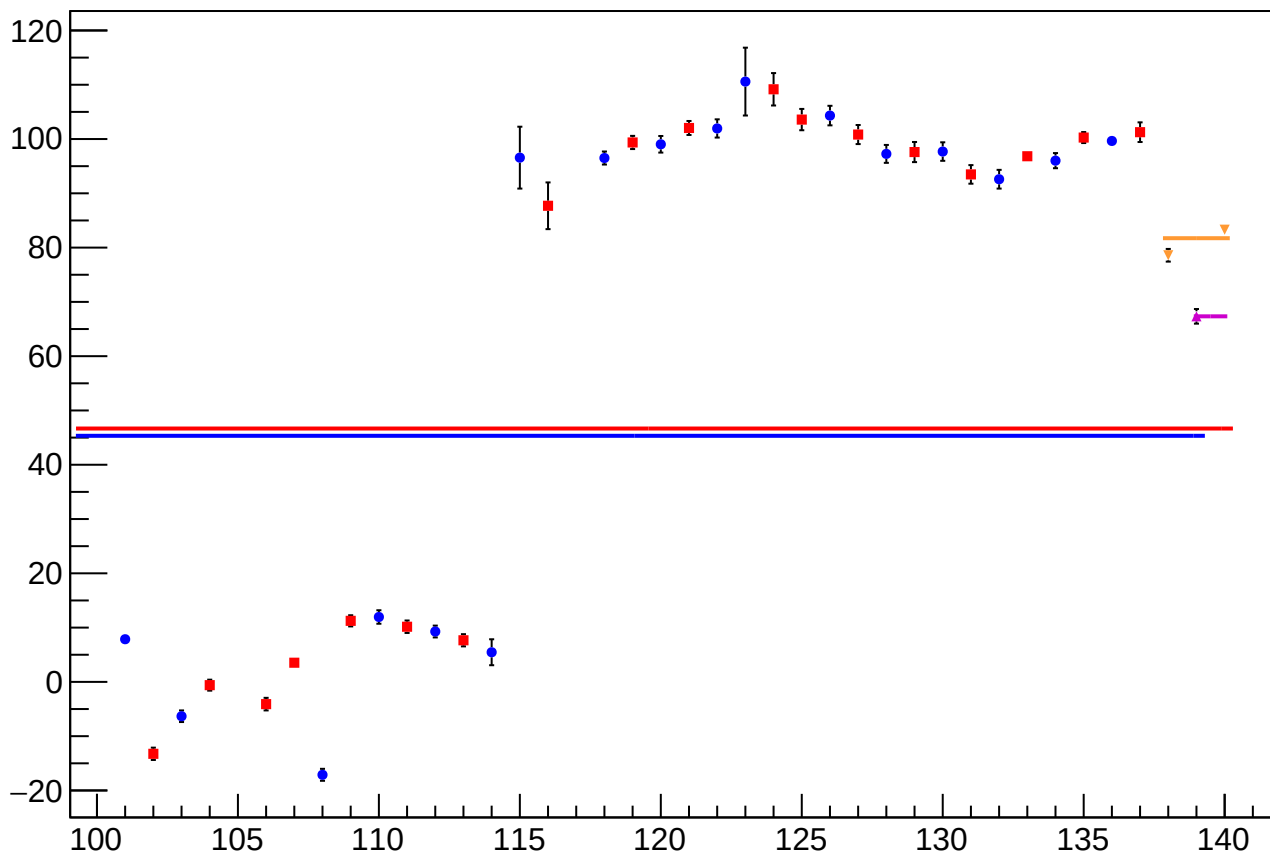
Right: 1.411+/-0.313 χ^2/NDF : 273.5/34

In: 1.976+/-0.400 χ^2/NDF : 121.1/17

Out: 4.697+/-0.362 χ^2/NDF : 412.6/19

All: 3.471+/-0.268 χ^2/NDF : 559.2/37

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 81.733 $\pm$ 0.674 χ^2 /NDF:10.9/1

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 67.340 $\pm$ 1.347 χ^2 /NDF:0.0/0

Left: 78.849 $\pm$ 0.603 χ^2 /NDF: 102.2/2

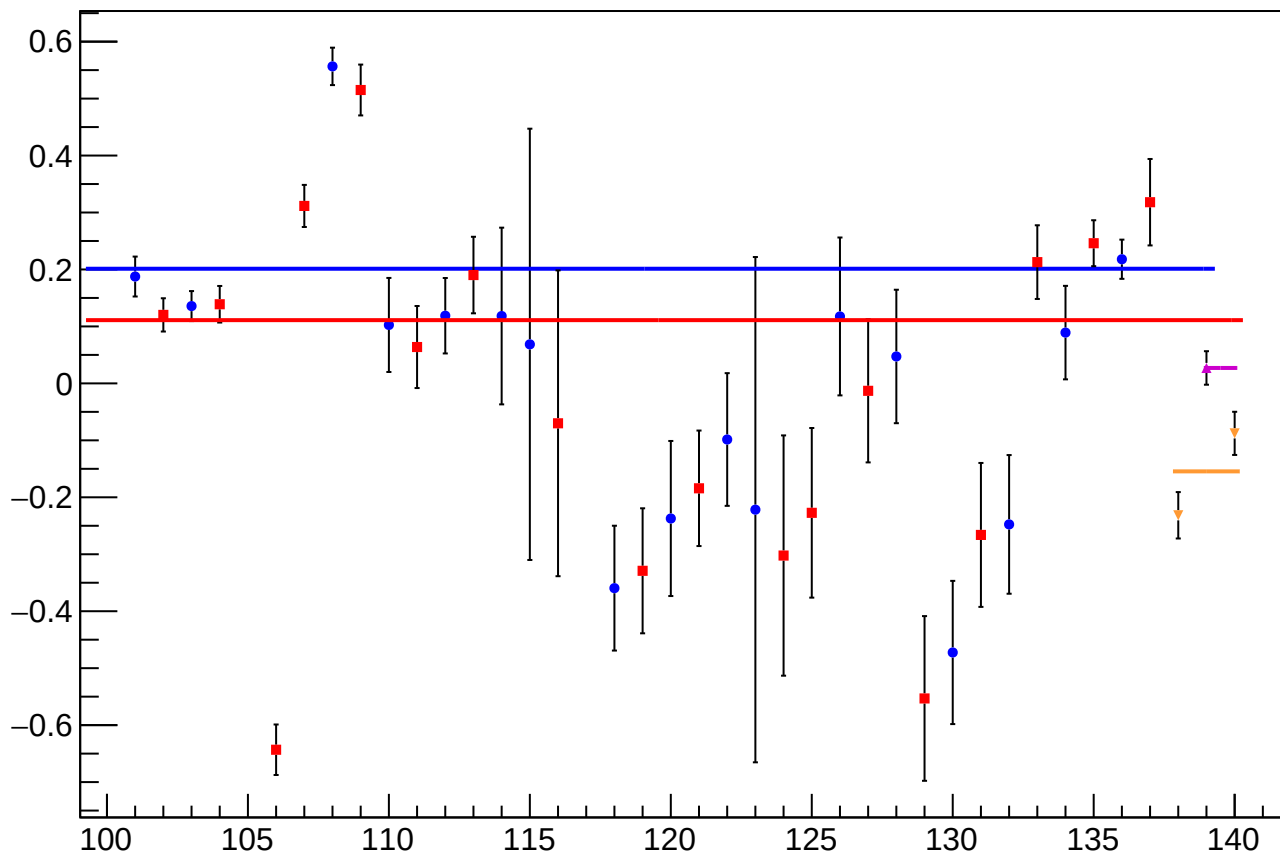
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 46.396 $\pm$ 0.296 χ^2 /NDF:25261.1/17

Out: 52.174 $\pm$ 0.267 χ^2 /NDF:30188.8/19

All: 49.583 $\pm$ 0.198 χ^2 /NDF: 55659.8/37

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.154 ± 0.028 χ^2/NDF : 6.7/1

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: 0.027 ± 0.029 χ^2/NDF : 0.0/0

Left: -0.069 ± 0.020 χ^2/NDF : 26.8/2

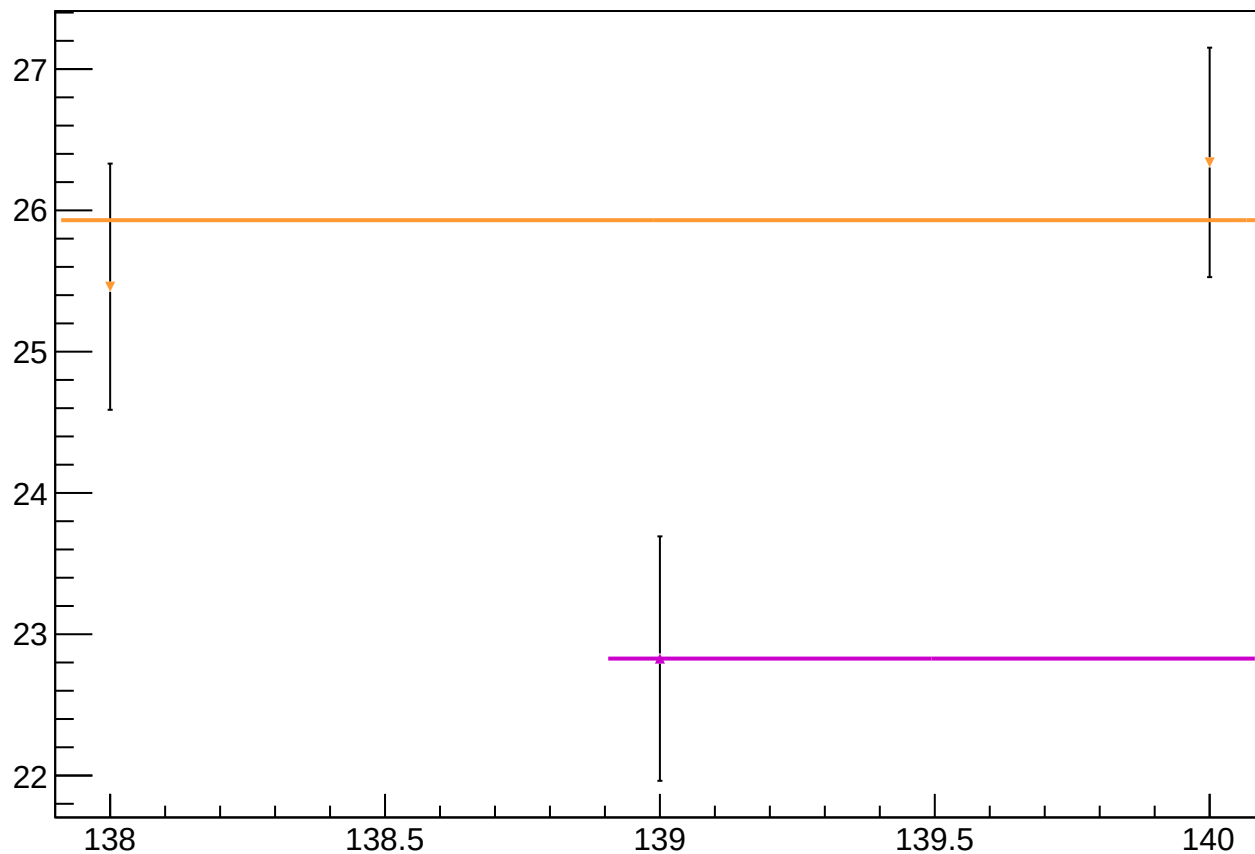
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.169 ± 0.013 χ^2/NDF : 245.8/17

Out: 0.062 ± 0.012 χ^2/NDF : 571.0/19

All: 0.112 ± 0.009 χ^2/NDF : 854.6/37

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.931+/-0.594 χ^2/NDF : 0.5/1

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

Left In: 22.828+/-0.865 χ^2/NDF : 0.0/0

Left: 24.936+/-0.490 χ^2/NDF : 9.3/2

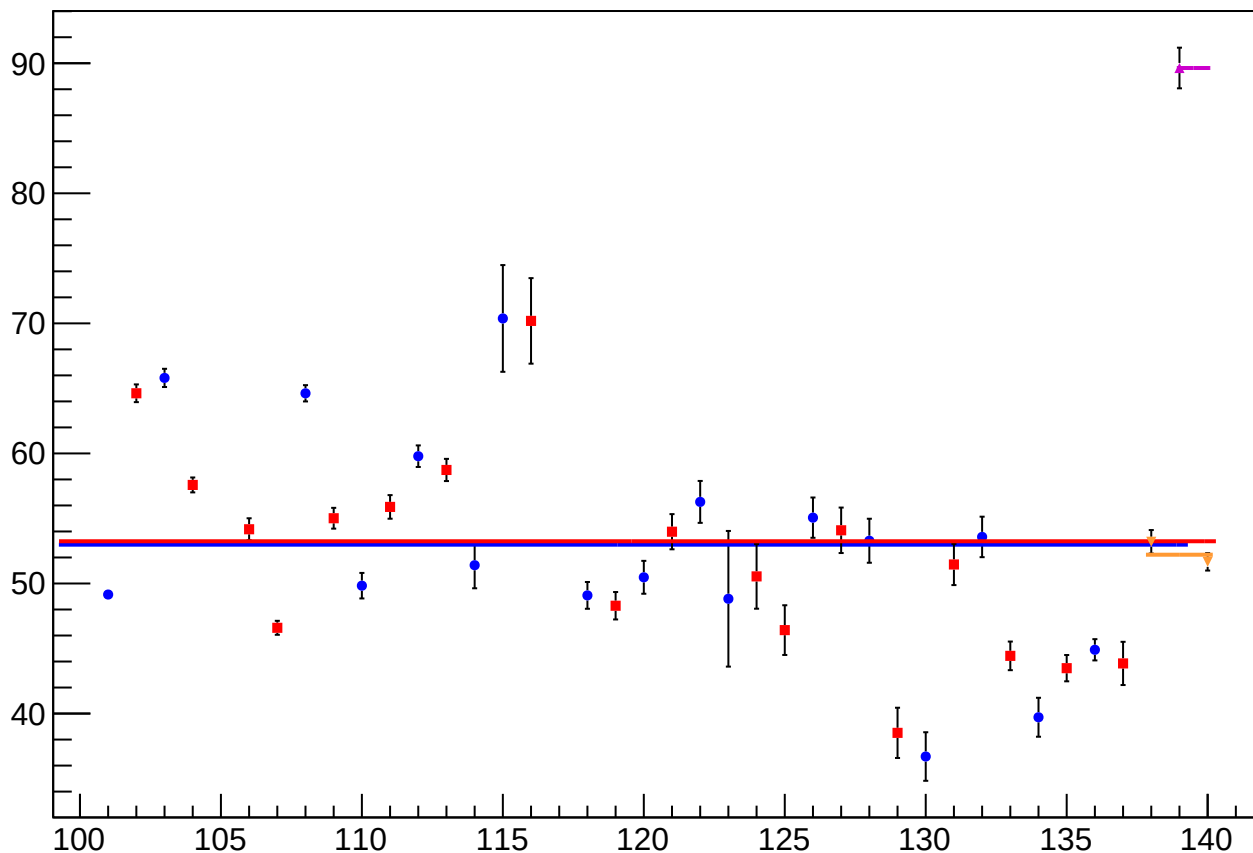
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.828+/-0.865 χ^2/NDF : 0.0/0

Out: 25.931+/-0.594 χ^2/NDF : 0.5/1

All: 24.936+/-0.490 χ^2/NDF : 9.3/2

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 52.213 $\pm$ 0.538 χ^2 /NDF:1.9/1

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 89.634 $\pm$ 1.563 χ^2 /NDF:0.0/0

Left: 56.178 $\pm$ 0.509 χ^2 /NDF: 514.2/2

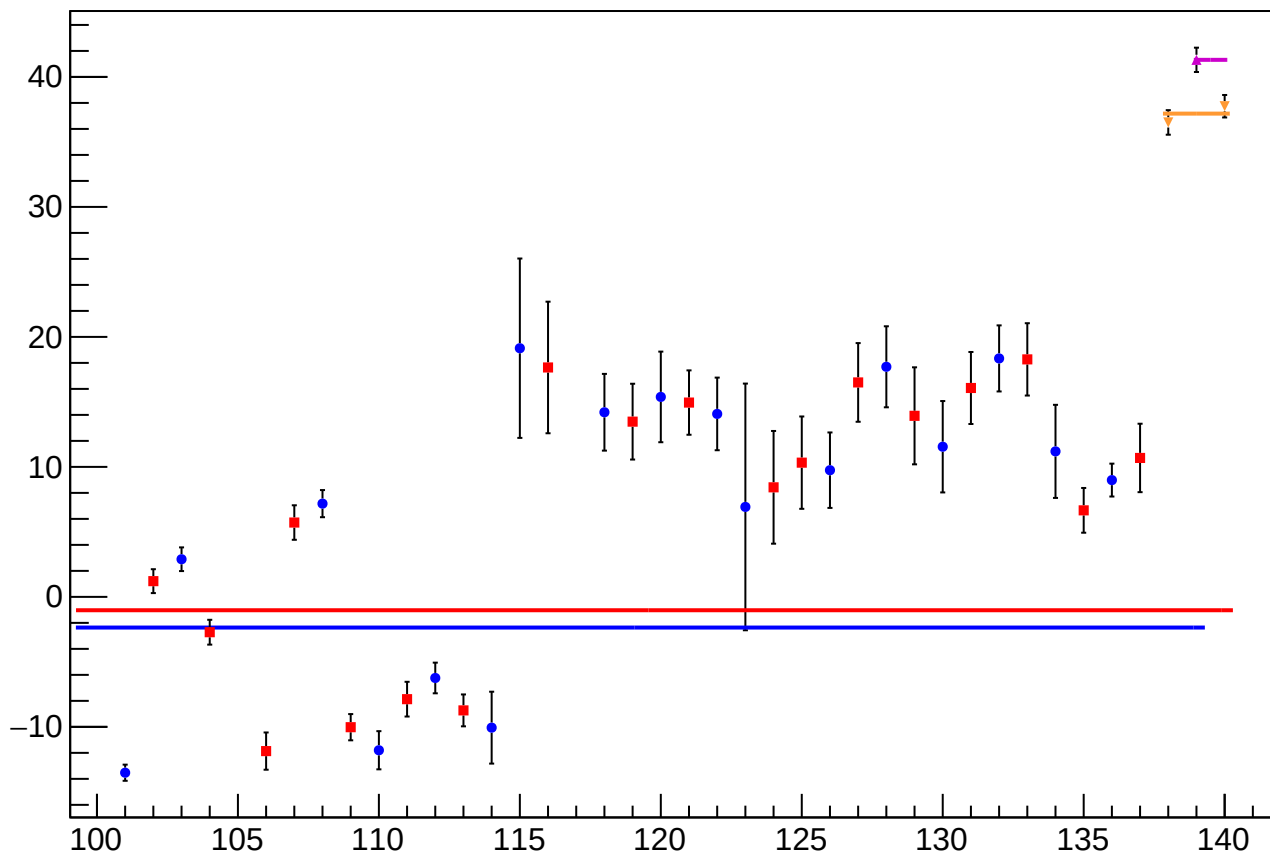
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 53.637 $\pm$ 0.208 χ^2 /NDF:1737.8/17

Out: 53.091 $\pm$ 0.209 χ^2 /NDF:861.4/19

All: 53.365 $\pm$ 0.148 χ^2 /NDF: 2602.6/37

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 37.178 ± 0.638 χ^2/NDF : 0.9/1

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 41.315 ± 0.936 χ^2/NDF : 0.0/0

Left: 38.490 ± 0.527 χ^2/NDF : 14.3/2

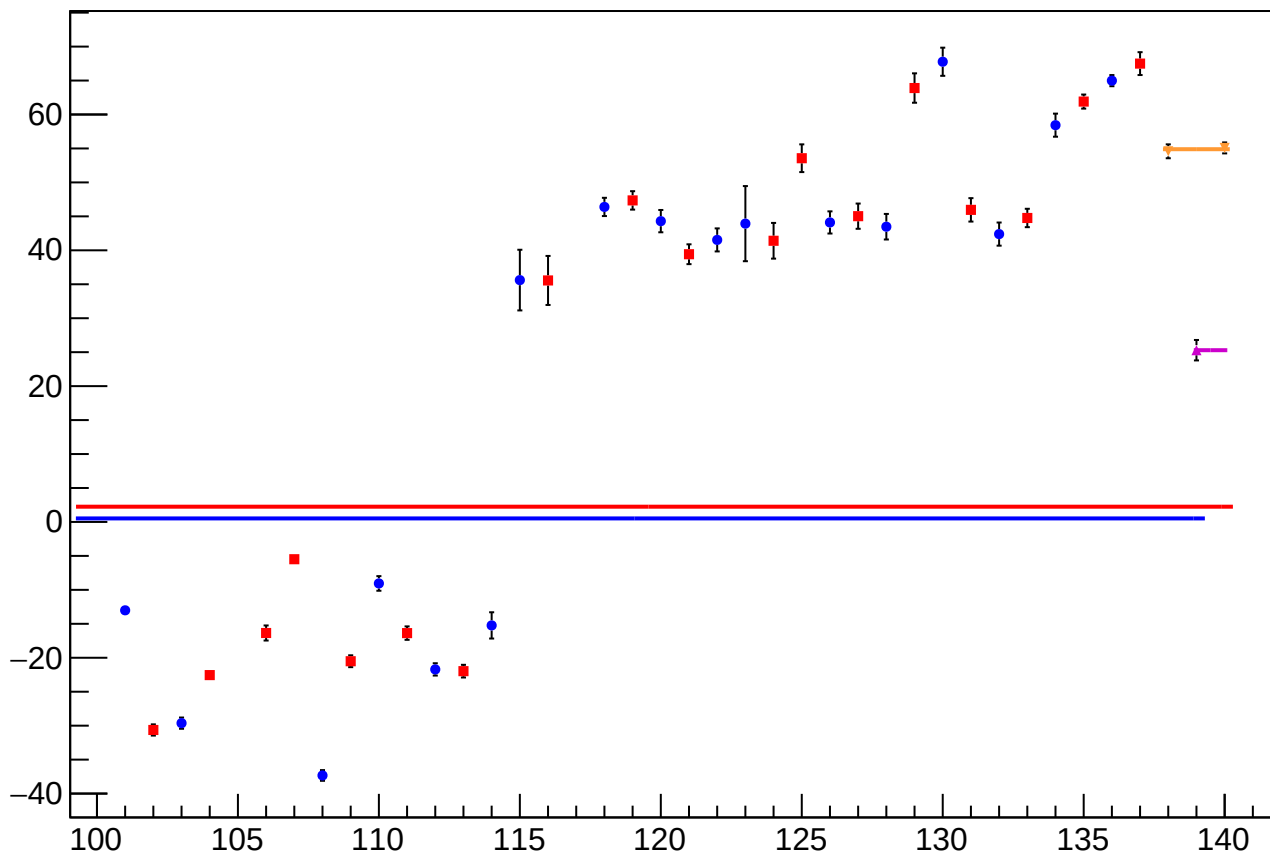
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 3.379 ± 0.339 χ^2/NDF : 2728.1/17

Out: 8.986 ± 0.327 χ^2/NDF : 3154.8/19

All: 6.290 ± 0.235 χ^2/NDF : 6024.5/37

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 54.889+/-0.634 χ^2/NDF : 0.1/1

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 25.291+/-1.505 χ^2/NDF : 0.0/0

Left: 50.426+/-0.585 χ^2/NDF : 328.5/2

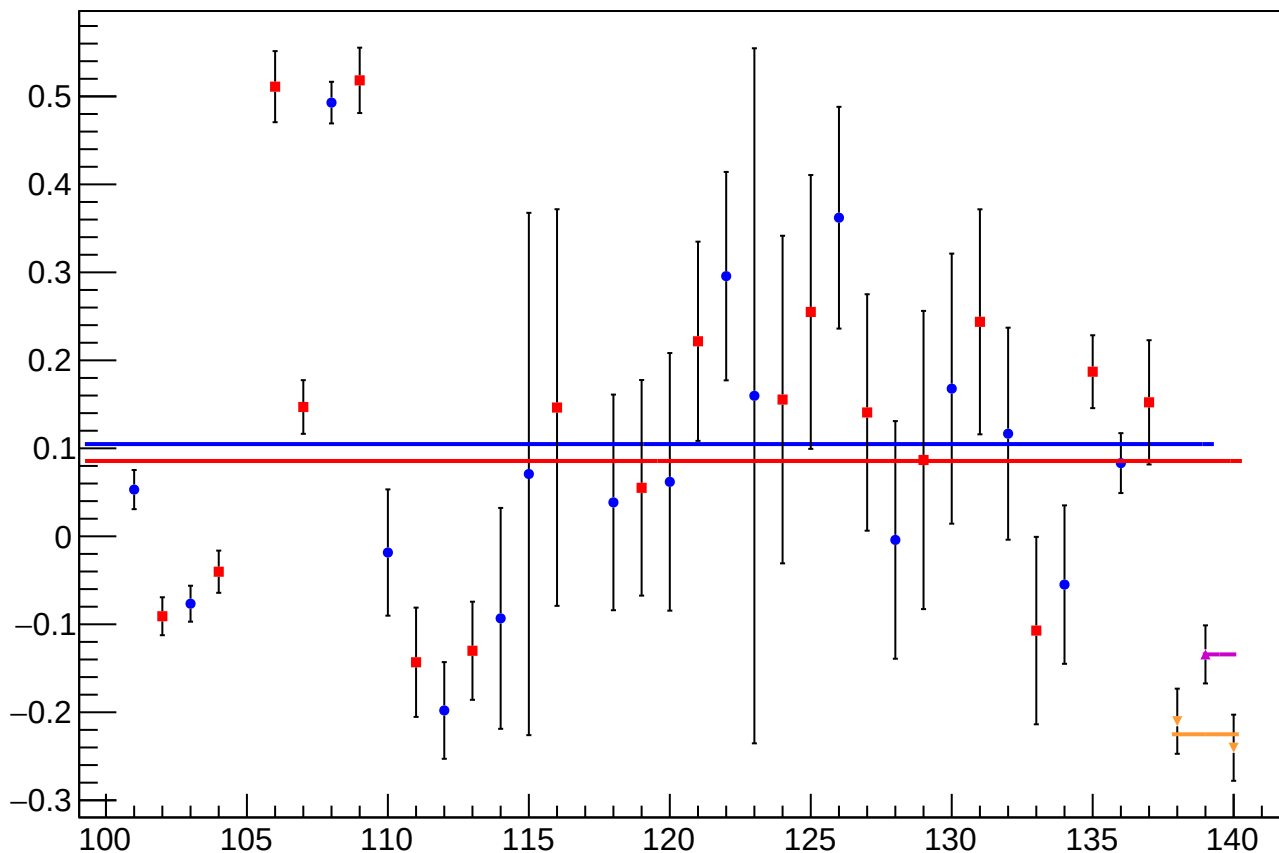
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 1.167+/-0.244 χ^2/NDF : 18649.8/17

Out: 10.190+/-0.246 χ^2/NDF : 21225.4/19

All: 5.628+/-0.173 χ^2/NDF : 40553.0/37

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.225 ± 0.026 χ^2/NDF : 0.3/1

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.134 ± 0.033 χ^2/NDF : 0.0/0

Left: -0.190 ± 0.021 χ^2/NDF : 4.9/2

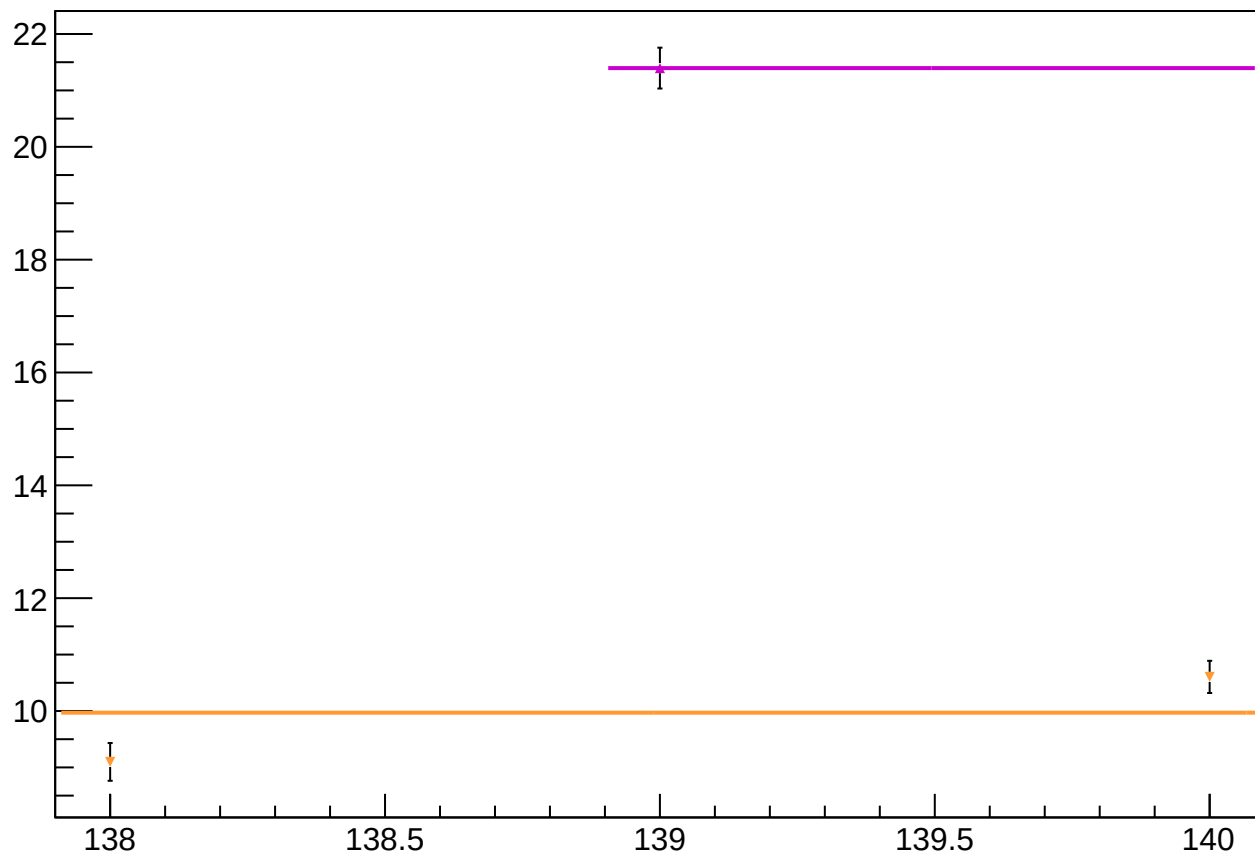
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: 0.081 ± 0.010 χ^2/NDF : 448.0/17

Out: 0.039 ± 0.010 χ^2/NDF : 506.6/19

All: 0.059 ± 0.007 χ^2/NDF : 962.7/37

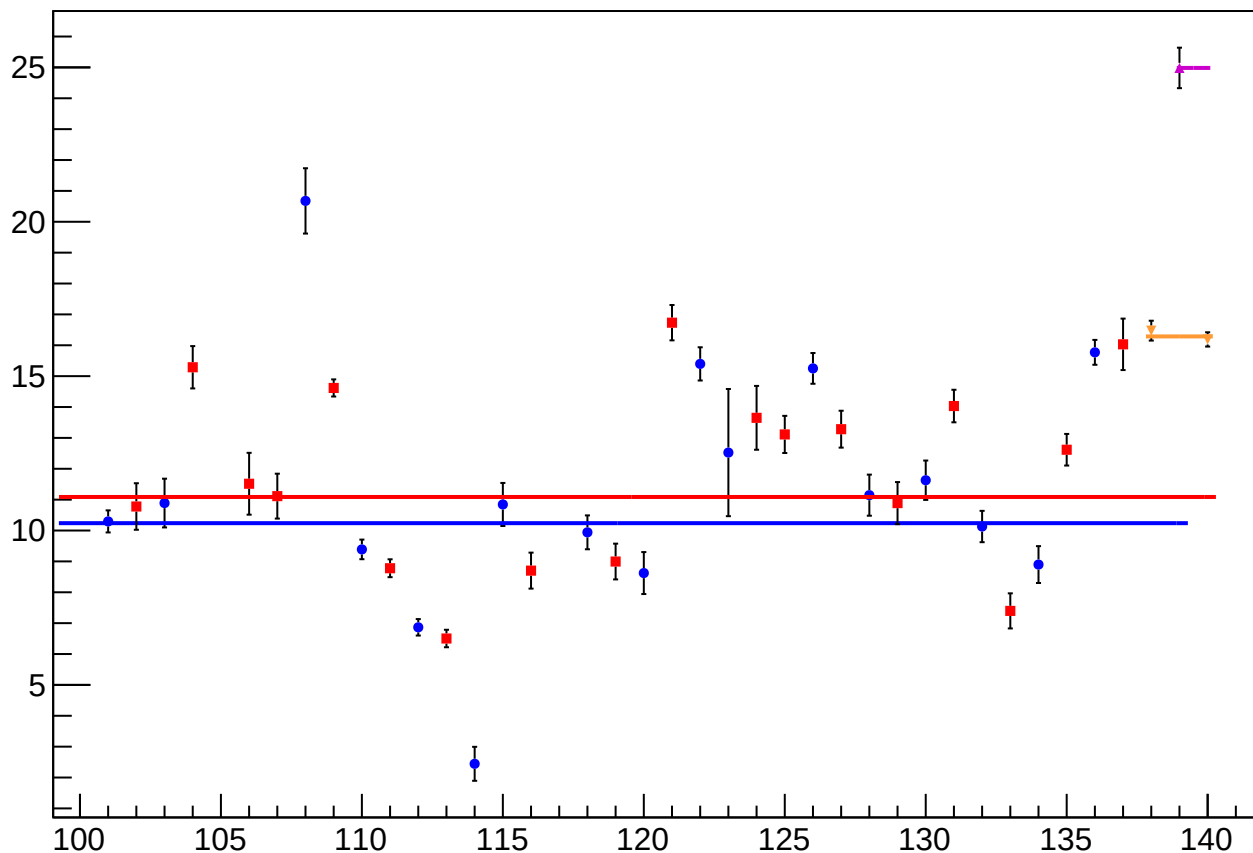
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.970+/-0.217 χ^2/NDF : 11.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.396+/-0.362 χ^2/NDF : 0.0/0

Left: 12.992+/-0.186 χ^2/NDF : 744.2/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.396+/-0.362 χ^2/NDF : 0.0/0
 Out: 9.970+/-0.217 χ^2/NDF : 11.7/1
 All: 12.992+/-0.186 χ^2/NDF : 744.2/2

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 16.287 $\pm$ 0.188 χ^2 /NDF:0.5/1

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 24.983 $\pm$ 0.656 χ^2 /NDF:0.0/0

Left: 16.946 $\pm$ 0.181 χ^2 /NDF: 163.0/2

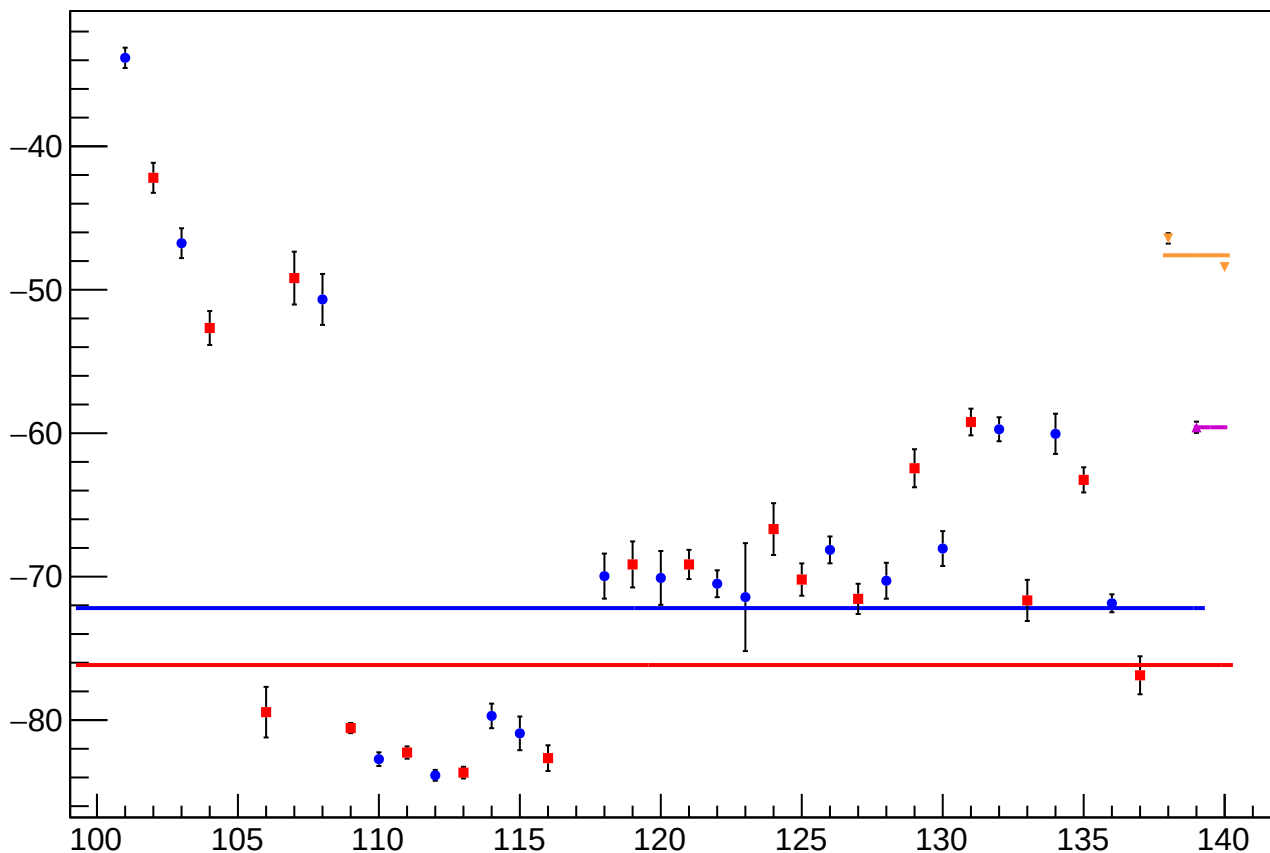
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.709 $\pm$ 0.117 χ^2 /NDF:1356.6/17

Out: 12.530 $\pm$ 0.099 χ^2 /NDF:1354.9/19

All: 11.772 $\pm$ 0.076 χ^2 /NDF: 2852.3/37

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -47.596 ± 0.233 χ^2/NDF : 17.9/1

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -59.587 ± 0.392 χ^2/NDF : 0.0/0

Left: -50.727 ± 0.200 χ^2/NDF : 710.1/2

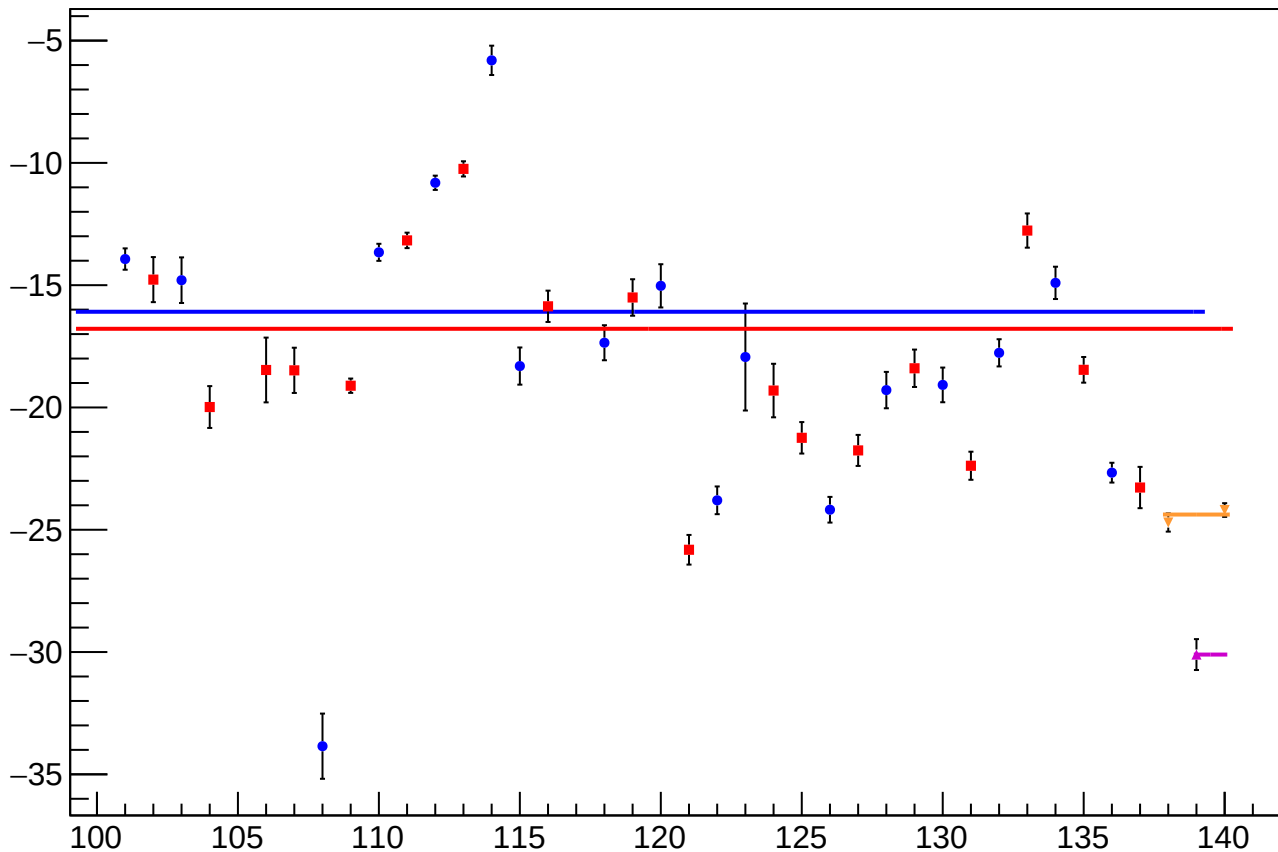
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -69.625 ± 0.177 χ^2/NDF : 6387.4/17

Out: -65.386 ± 0.143 χ^2/NDF : 12612.4/19

All: -67.063 ± 0.111 χ^2/NDF : 19347.2/37

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -24.378 ± 0.224 $\chi^2/\text{NDF}: 1.2/1$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -30.103 ± 0.632 $\chi^2/\text{NDF}: 0.0/0$

Left: -25.016 ± 0.211 $\chi^2/\text{NDF}: 74.2/2$

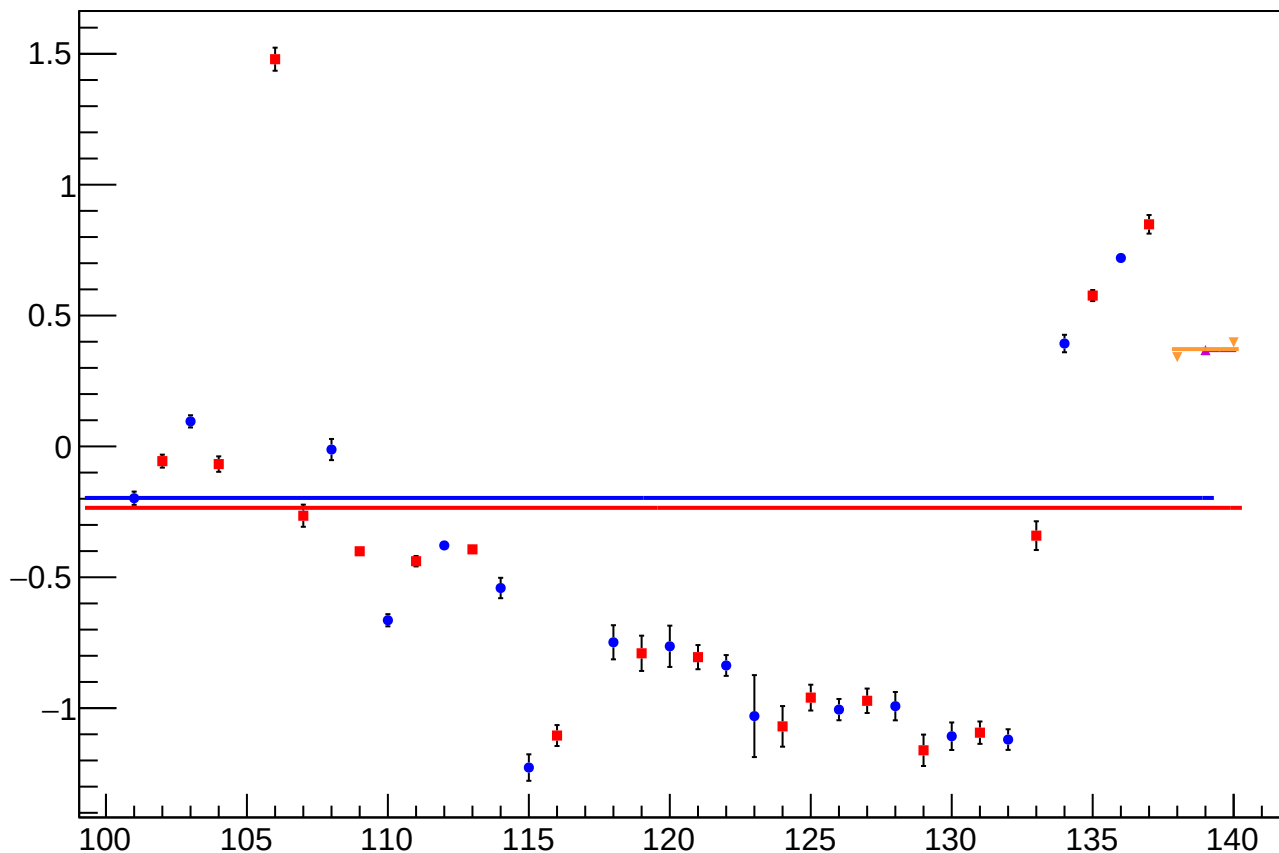
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -16.677 ± 0.130 $\chi^2/\text{NDF}: 2093.2/17$

Out: -18.661 ± 0.111 $\chi^2/\text{NDF}: 2072.7/19$

All: -17.819 ± 0.084 $\chi^2/\text{NDF}: 4300.8/37$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.372 ± 0.010 χ^2/NDF : 8.3/1

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.368 ± 0.014 χ^2/NDF : 0.0/0

Left: 0.371 ± 0.008 χ^2/NDF : 8.4/2

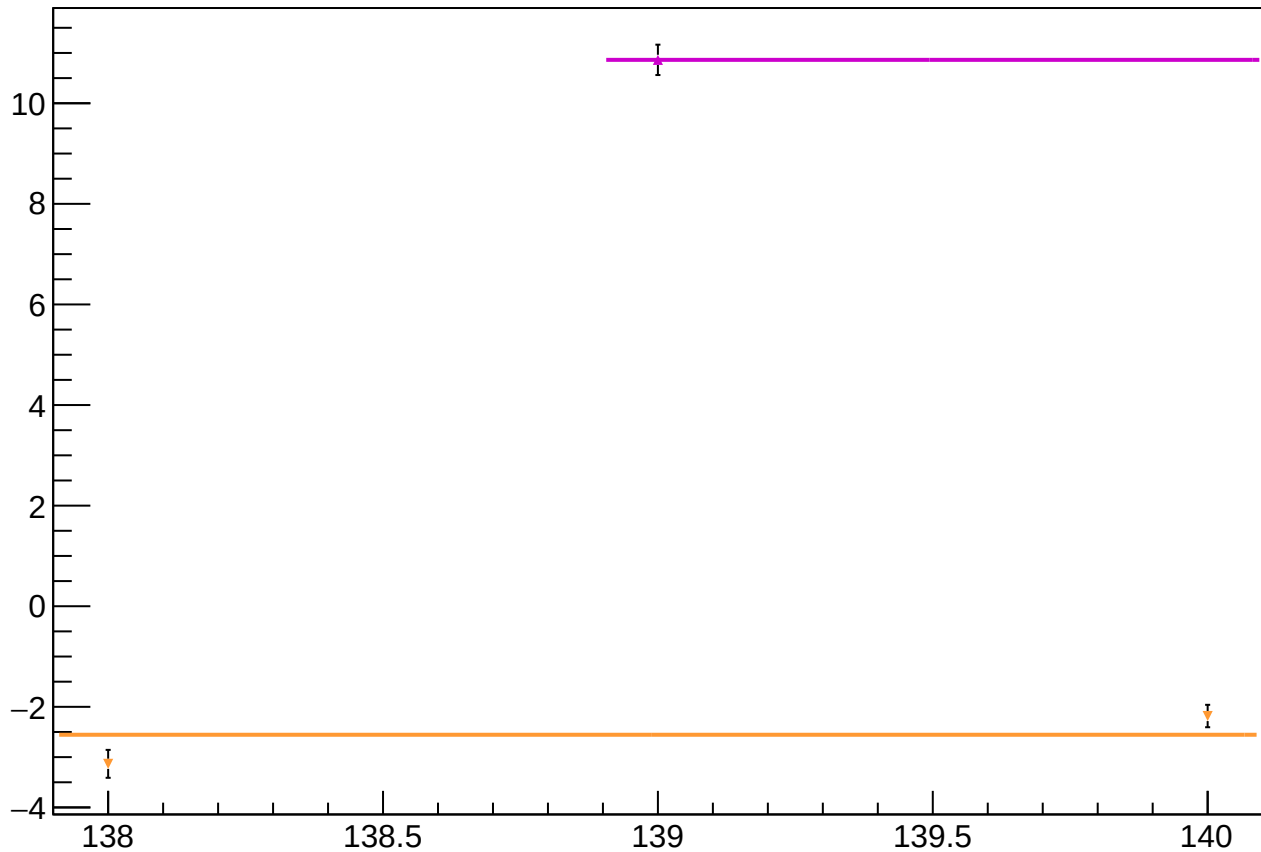
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: -0.067 ± 0.007 χ^2/NDF : 7614.3/17

Out: -0.021 ± 0.006 χ^2/NDF : 8716.6/19

All: -0.041 ± 0.004 χ^2/NDF : 16358.1/37

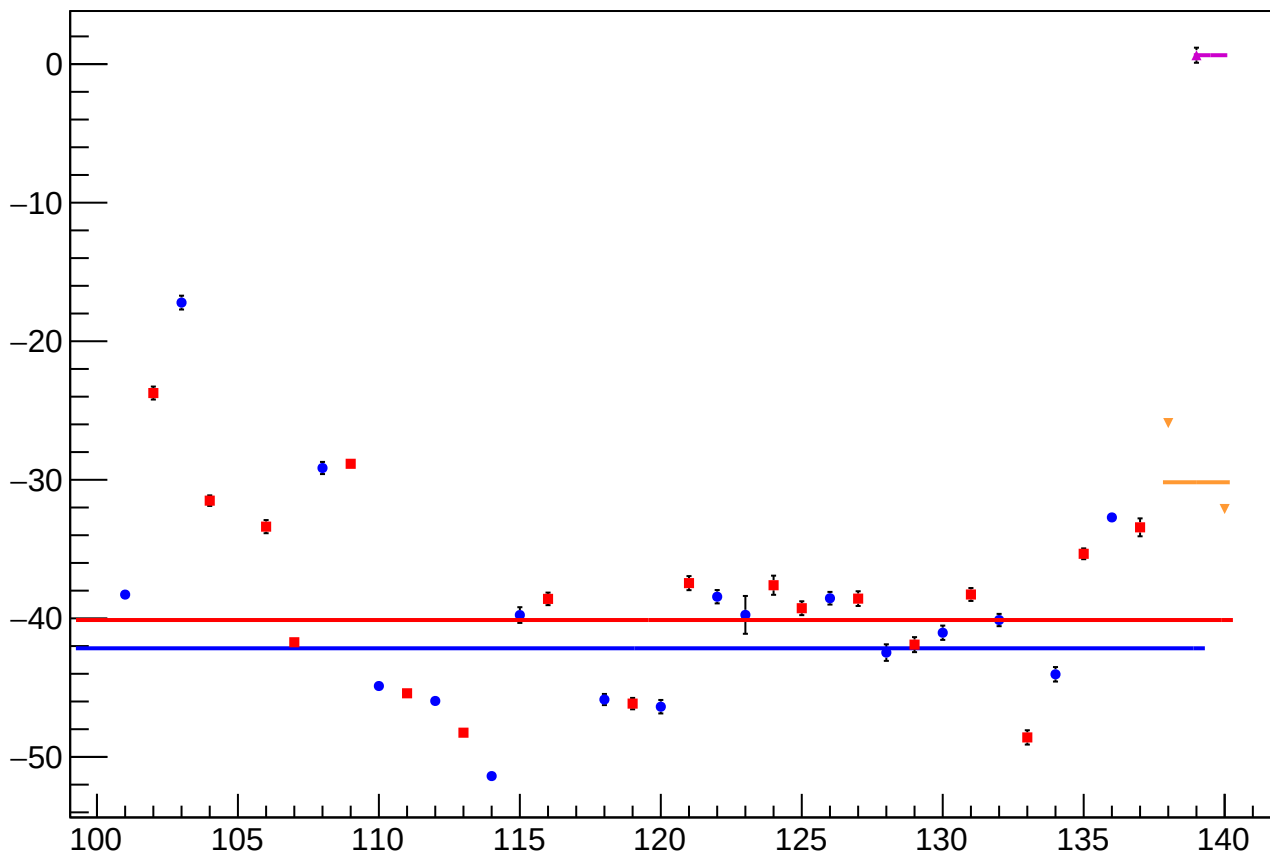
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.555 $\pm$ 0.174 χ^2 /NDF:7.1/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.863 $\pm$ 0.302 χ^2 /NDF:0.0/0

Left: 0.783 $\pm$ 0.151 χ^2 /NDF: 1491.7/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 10.863 $\pm$ 0.302 χ^2 /NDF:0.0/0
 Out: -2.555 $\pm$ 0.174 χ^2 /NDF:7.1/1
 All: 0.783 $\pm$ 0.151 χ^2 /NDF: 1491.7/2

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -30.178 ± 0.150 χ^2/NDF : 365.5/1

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: 0.642 ± 0.545 χ^2/NDF : 0.0/0

Left: -27.999 ± 0.145 χ^2/NDF : 3341.7/2

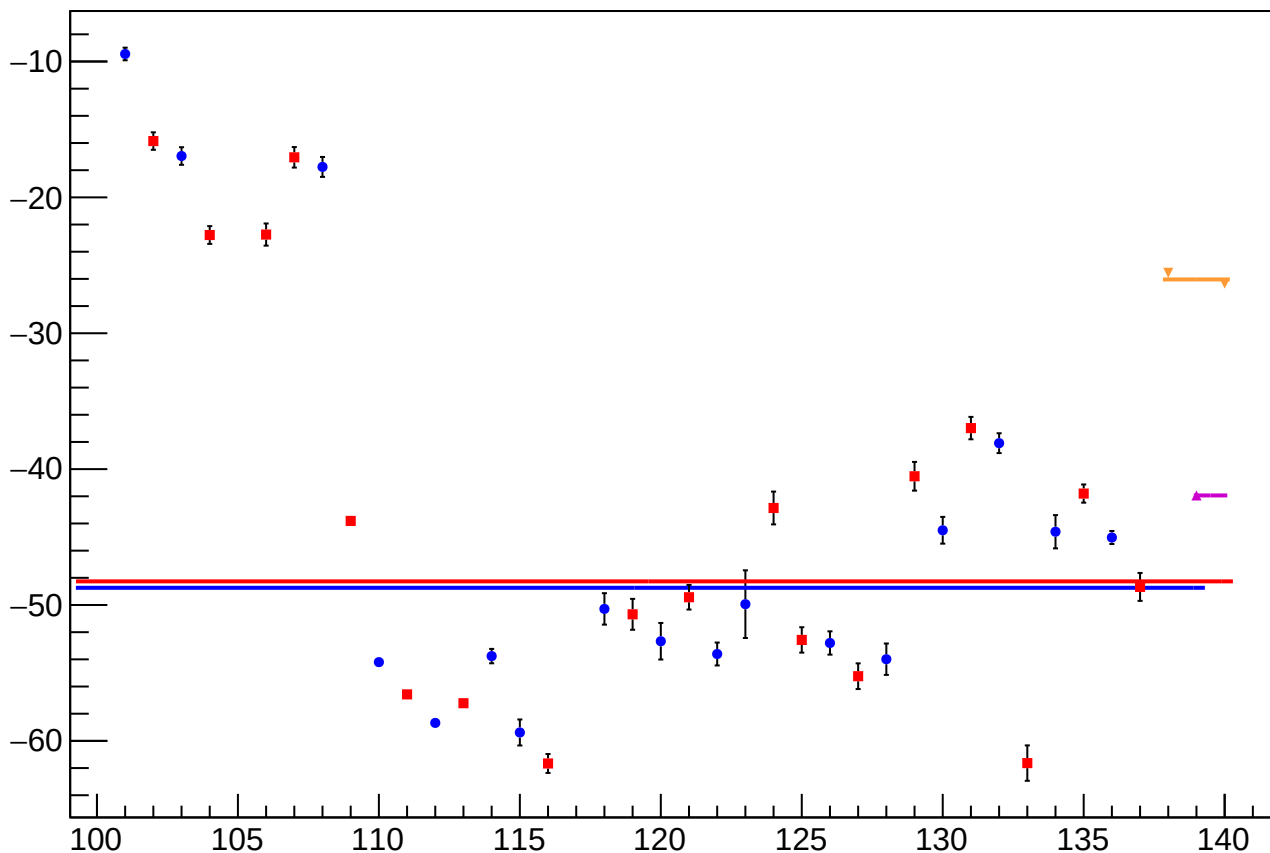
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -41.302 ± 0.077 χ^2/NDF : 12623.7/17

Out: -38.227 ± 0.066 χ^2/NDF : 14796.3/19

All: -39.516 ± 0.050 χ^2/NDF : 28342.8/37

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -26.041 ± 0.186 χ^2/NDF : 4.3/1

Right Out: -48.261 ± 0.107 χ^2/NDF : 11091.7/17

Left In: -41.937 ± 0.327 χ^2/NDF : 0.0/0

Left: -29.937 ± 0.162 χ^2/NDF : 1790.1/2

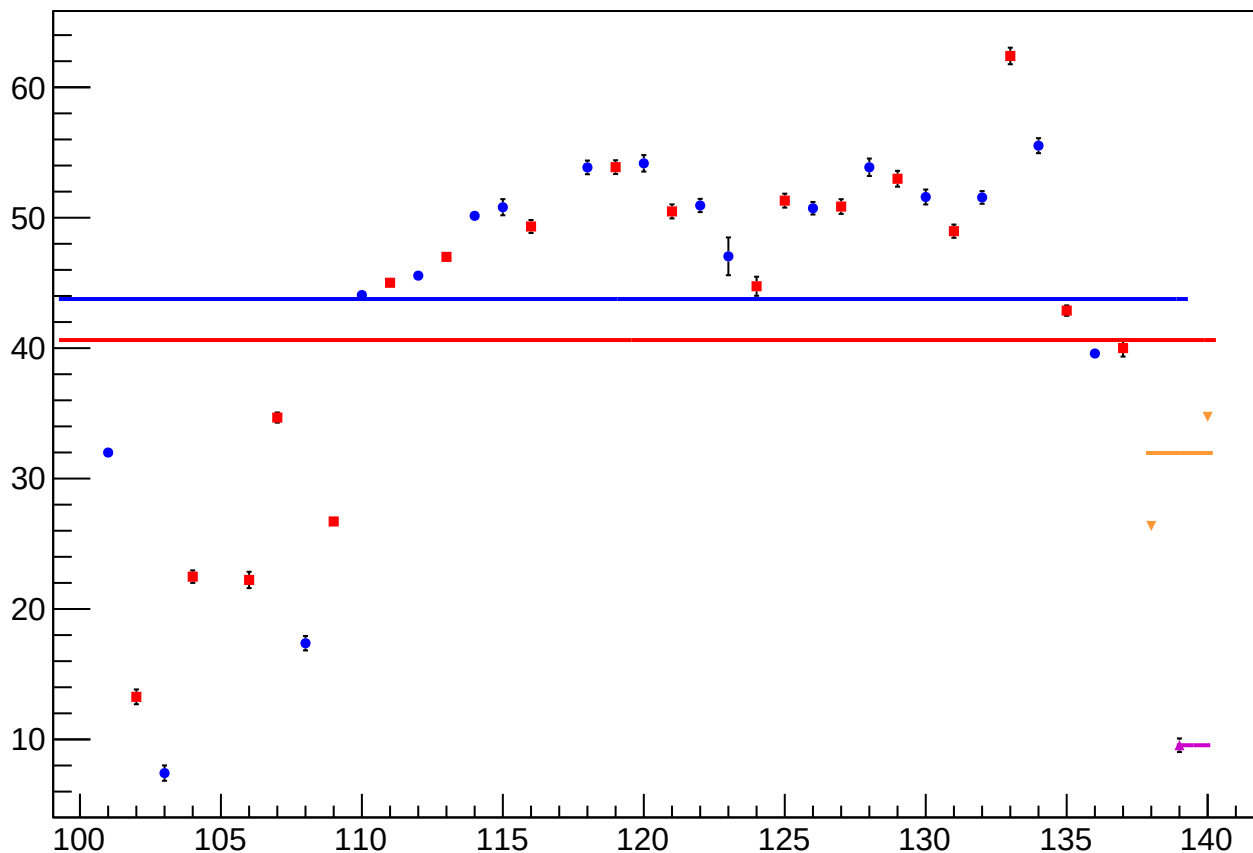
Right: -48.462 ± 0.081 χ^2/NDF : 25759.4/34

In: -47.870 ± 0.116 χ^2/NDF : 15036.9/17

Out: -42.712 ± 0.093 χ^2/NDF : 21776.6/19

All: -44.722 ± 0.073 χ^2/NDF : 38010.0/37

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 31.962 ± 0.179 $\chi^2/\text{NDF}: 484.9/1$

Right Out: 40.620 ± 0.080 $\chi^2/\text{NDF}: 16957.4/17$

Left In: 9.554 ± 0.524 $\chi^2/\text{NDF}: 0.0/0$

Left: 29.627 ± 0.169 $\chi^2/\text{NDF}: 2121.2/2$

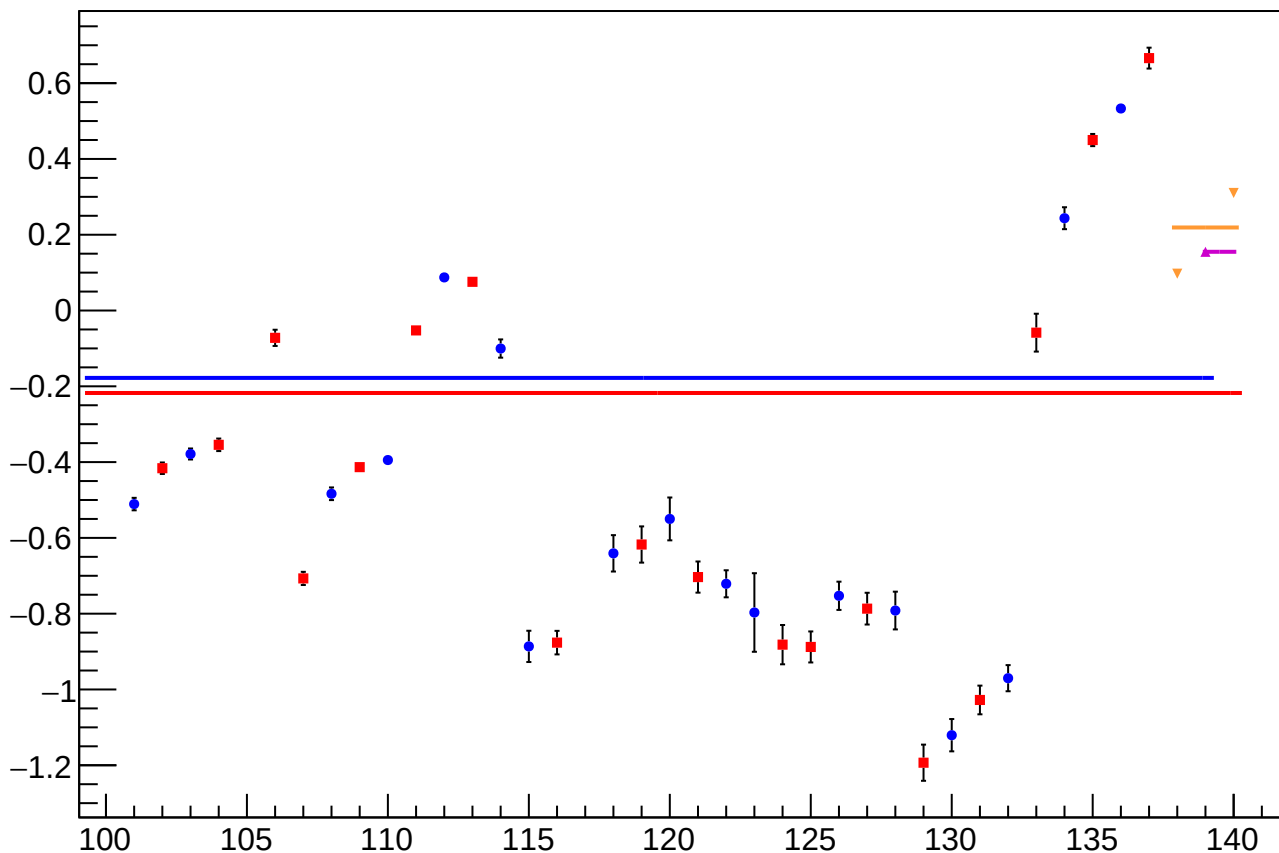
Right: 42.070 ± 0.059 $\chi^2/\text{NDF}: 28299.2/34$

In: 42.854 ± 0.086 $\chi^2/\text{NDF}: 14778.0/17$

Out: 39.169 ± 0.073 $\chi^2/\text{NDF}: 19393.6/19$

All: 40.725 ± 0.056 $\chi^2/\text{NDF}: 35241.3/37$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.219 ± 0.008 χ^2/NDF : 181.9/1

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.155 ± 0.011 χ^2/NDF : 0.0/0

Left: 0.199 ± 0.006 χ^2/NDF : 203.3/2

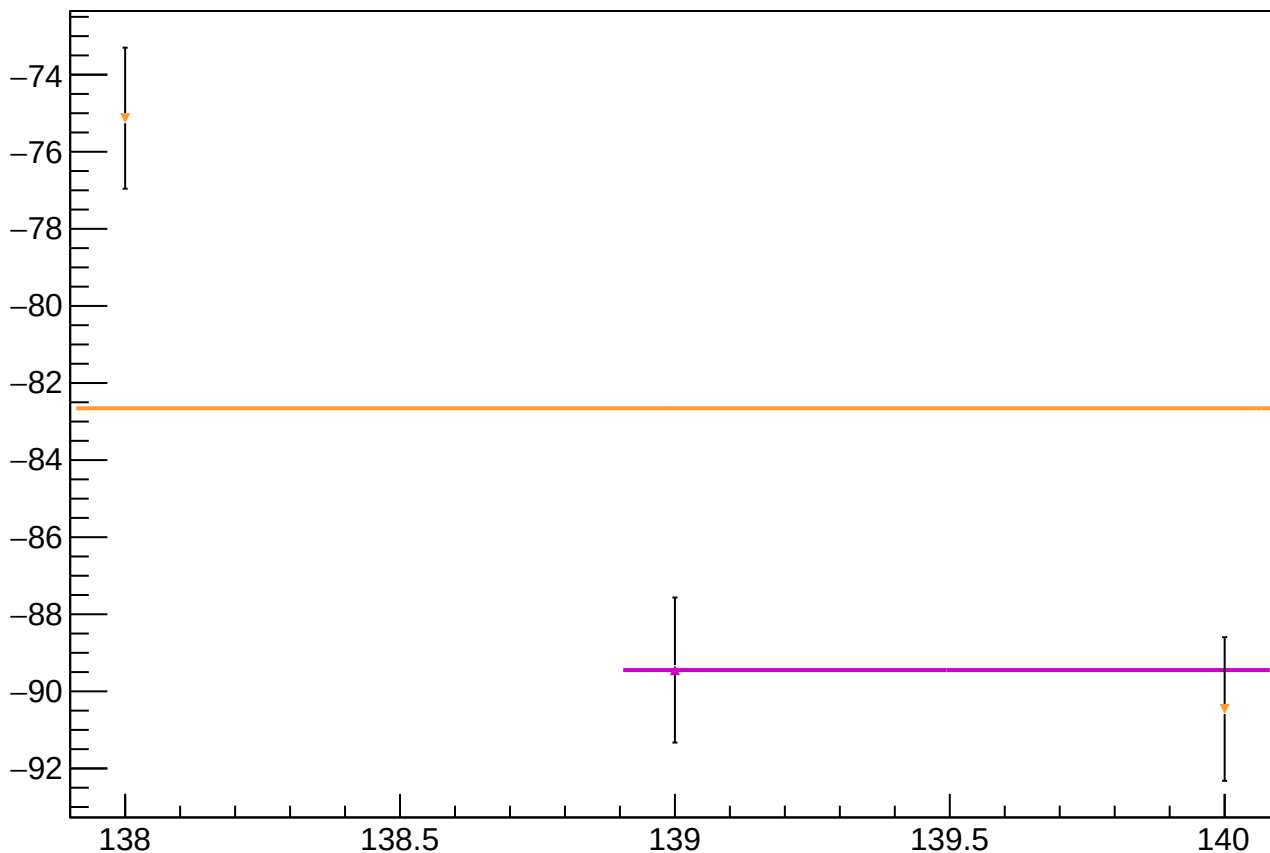
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: -0.128 ± 0.004 χ^2/NDF : 8077.2/17

Out: -0.116 ± 0.004 χ^2/NDF : 10032.2/19

All: -0.121 ± 0.003 χ^2/NDF : 18113.6/37

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -82.656+/-1.305 χ^2/NDF :34.5/1

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

Left In: -89.447+/-1.881 χ^2/NDF :0.0/0

Left: -84.863+/-1.073 χ^2/NDF : 43.3/2

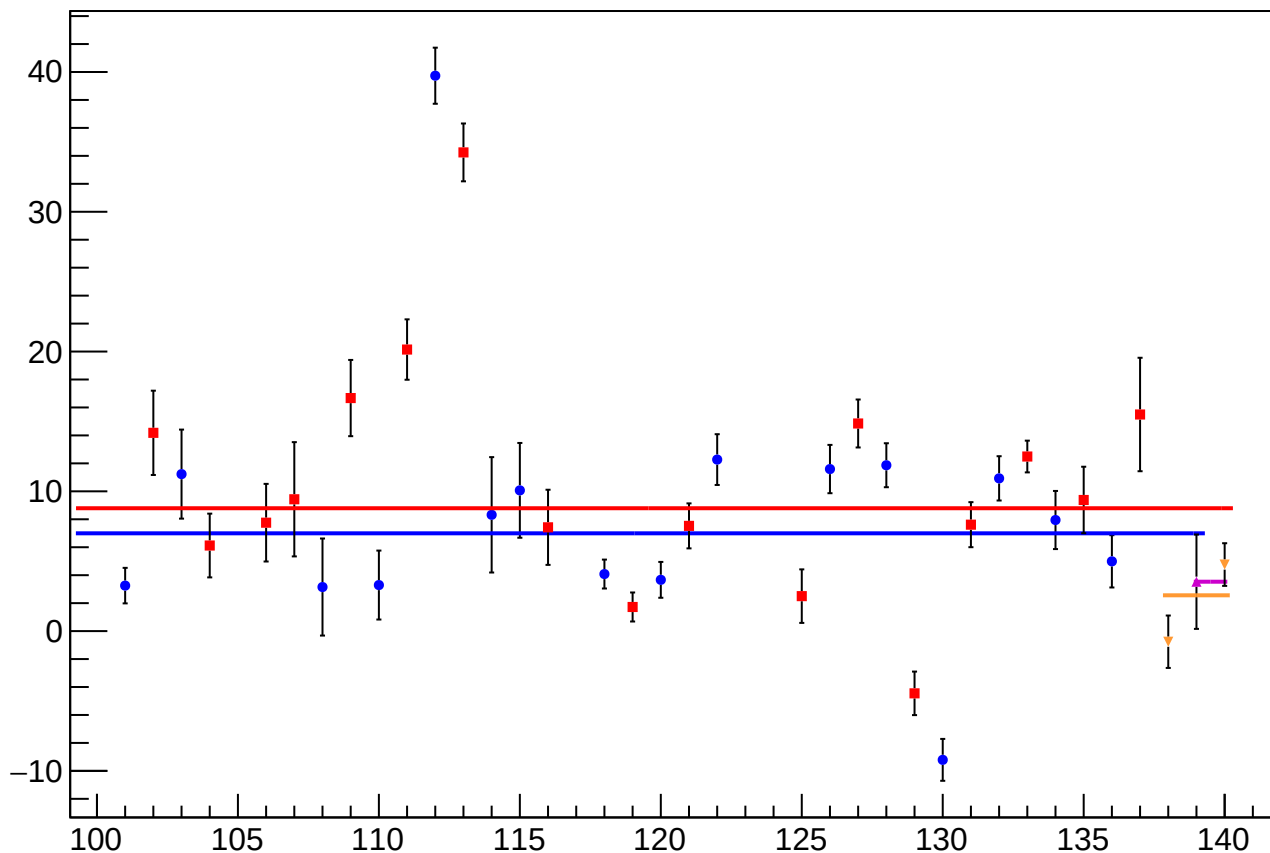
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.447+/-1.881 χ^2/NDF :0.0/0

Out: -82.656+/-1.305 χ^2/NDF :34.5/1

All: -84.863+/-1.073 χ^2/NDF : 43.3/2

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.561 ± 1.183 $\chi^2/\text{NDF}: 5.2/1$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.534 ± 3.376 $\chi^2/\text{NDF}: 0.0/0$

Left: 2.668 ± 1.117 $\chi^2/\text{NDF}: 5.3/2$

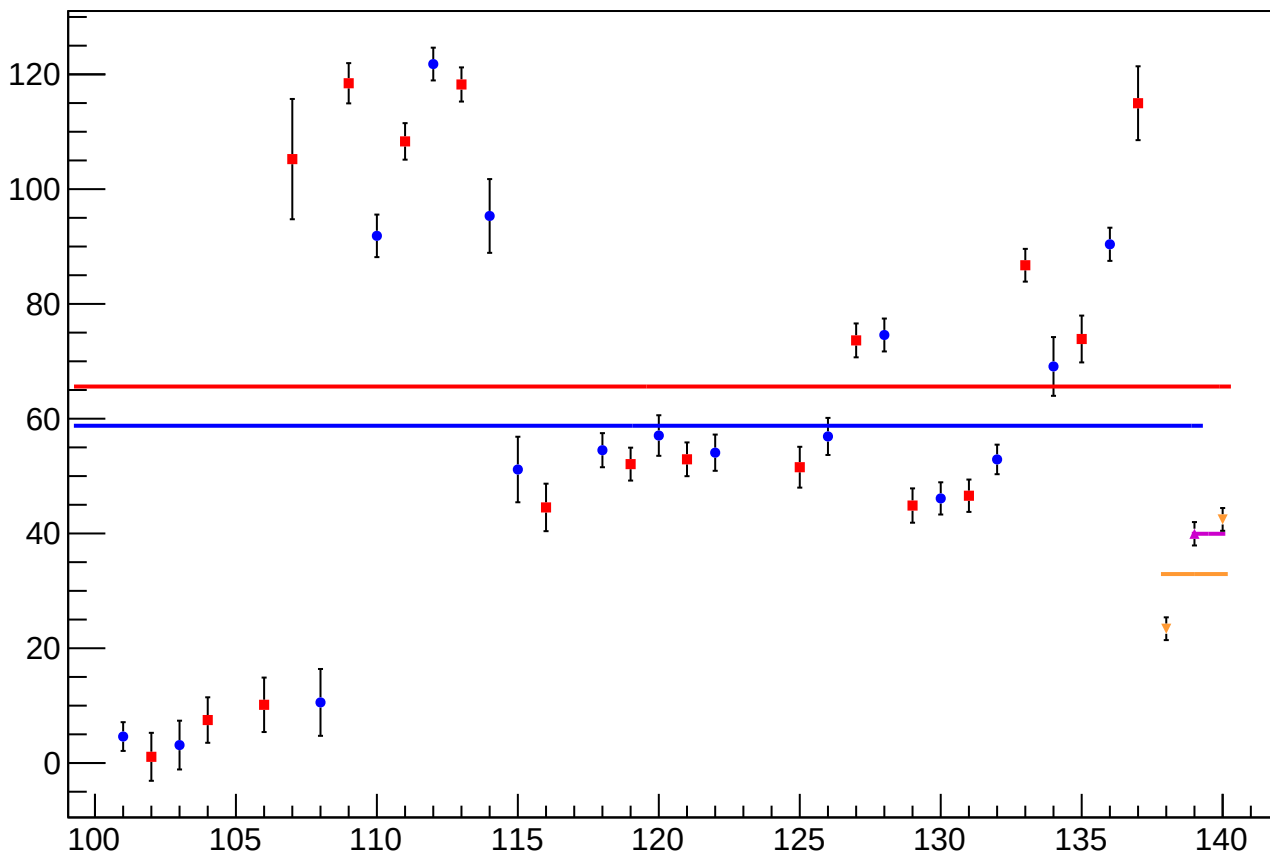
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 6.940 ± 0.431 $\chi^2/\text{NDF}: 446.4/16$

Out: 8.005 ± 0.420 $\chi^2/\text{NDF}: 378.3/18$

All: 7.485 ± 0.301 $\chi^2/\text{NDF}: 827.8/35$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 32.930 $\pm$ 1.403 χ^2 /NDF:46.1/1

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 39.949 $\pm$ 2.039 χ^2 /NDF:0.0/0

Left: 35.185 $\pm$ 1.156 χ^2 /NDF: 54.1/2

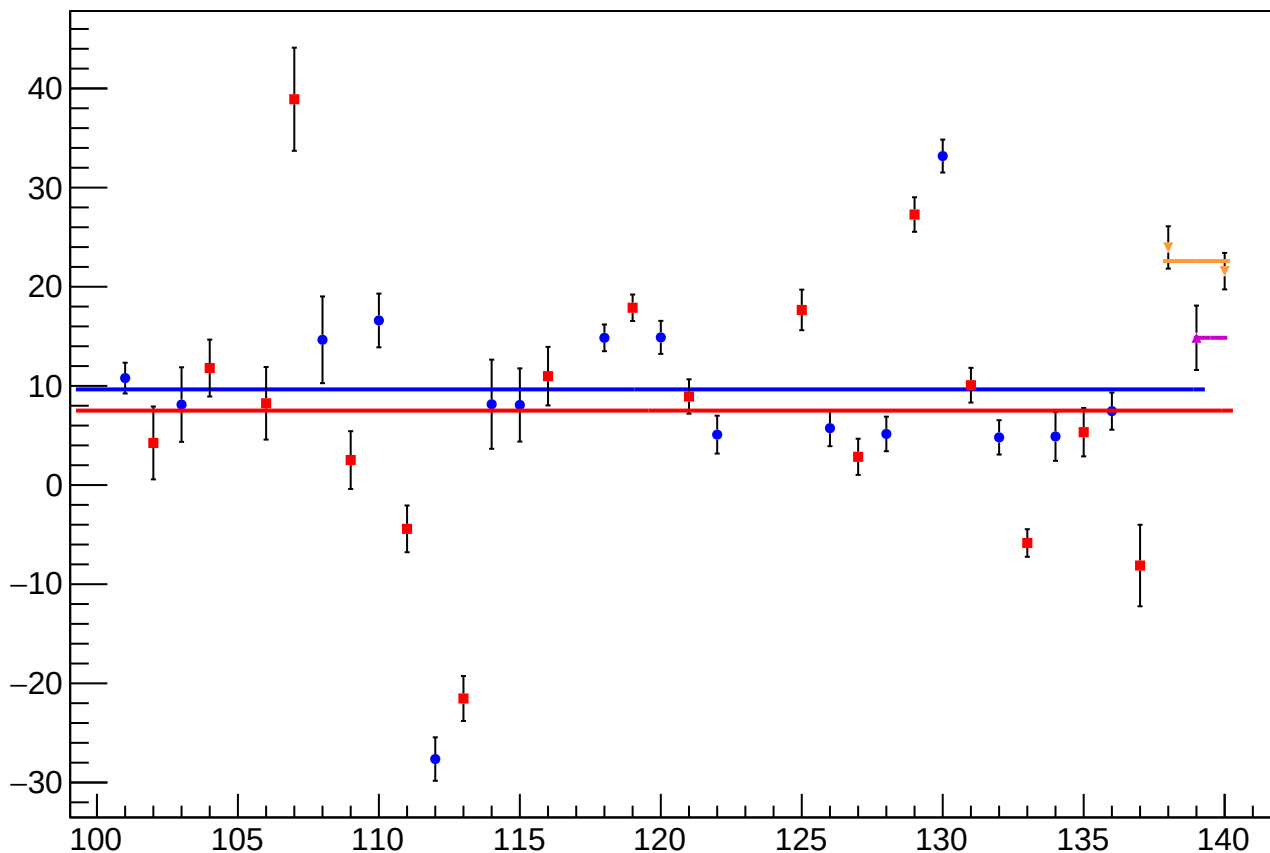
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 56.078 $\pm$ 0.771 χ^2 /NDF:1566.4/16

Out: 56.911 $\pm$ 0.724 χ^2 /NDF:2069.6/18

All: 56.521 $\pm$ 0.528 χ^2 /NDF: 3636.6/35

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 22.590 $\pm$ 1.394 χ^2 /NDF:0.7/1

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 14.852 $\pm$ 3.248 χ^2 /NDF:0.0/0

Left: 21.386 $\pm$ 1.281 χ^2 /NDF: 5.5/2

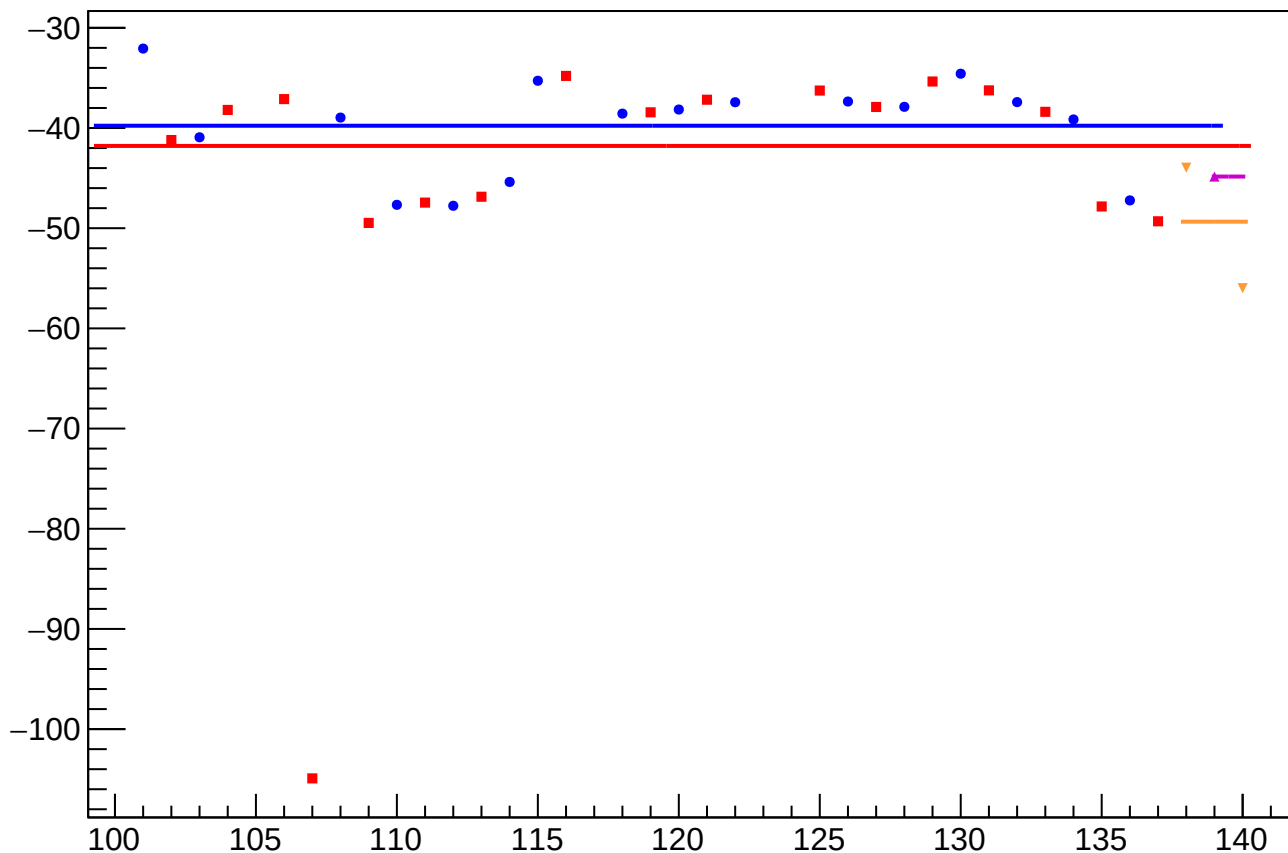
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 9.770 $\pm$ 0.496 χ^2 /NDF:556.1/16

Out: 9.330 $\pm$ 0.484 χ^2 /NDF:667.9/18

All: 9.545 $\pm$ 0.347 χ^2 /NDF: 1224.4/35

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -49.350 $\pm$ 0.058 χ^2 /NDF:10634.7/1

Right Out: -41.787 $\pm$ 0.031 χ^2 /NDF: 93008.7/16

Left In: -44.844 $\pm$ 0.071 χ^2 /NDF:0.0/0

Left: -47.560 $\pm$ 0.045 χ^2 /NDF: 13032.7/2

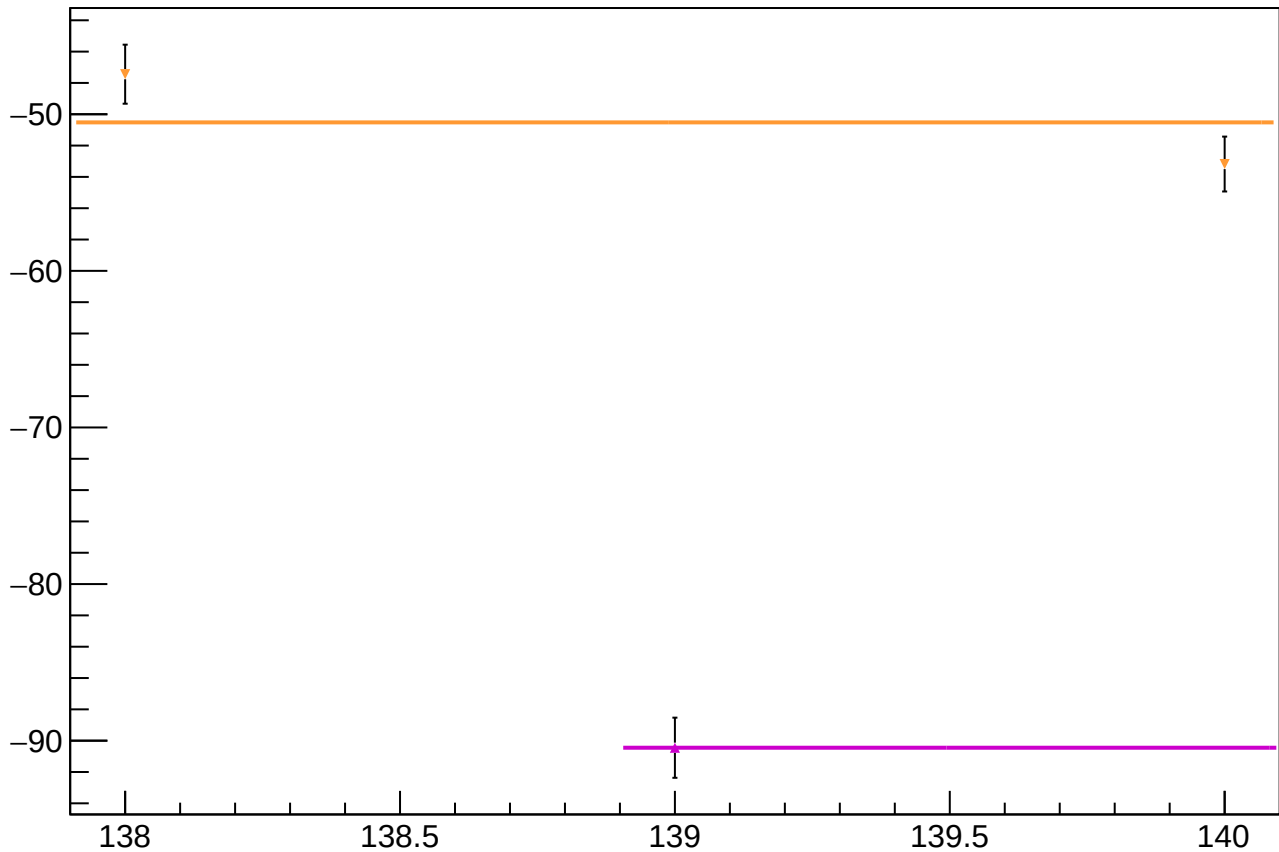
Right: -40.769 $\pm$ 0.022 χ^2 /NDF: 121265.0/32

In: -40.580 $\pm$ 0.029 χ^2 /NDF:30416.8/16

Out: -43.502 $\pm$ 0.028 χ^2 /NDF:116795.1/18

All: -42.088 $\pm$ 0.020 χ^2 /NDF: 152630.6/35

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -50.520 ± 1.283 χ^2/NDF : 5.0/1

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

Left In: -90.450 ± 1.920 χ^2/NDF : 0.0/0

Left: -62.848 ± 1.067 χ^2/NDF : 303.9/2

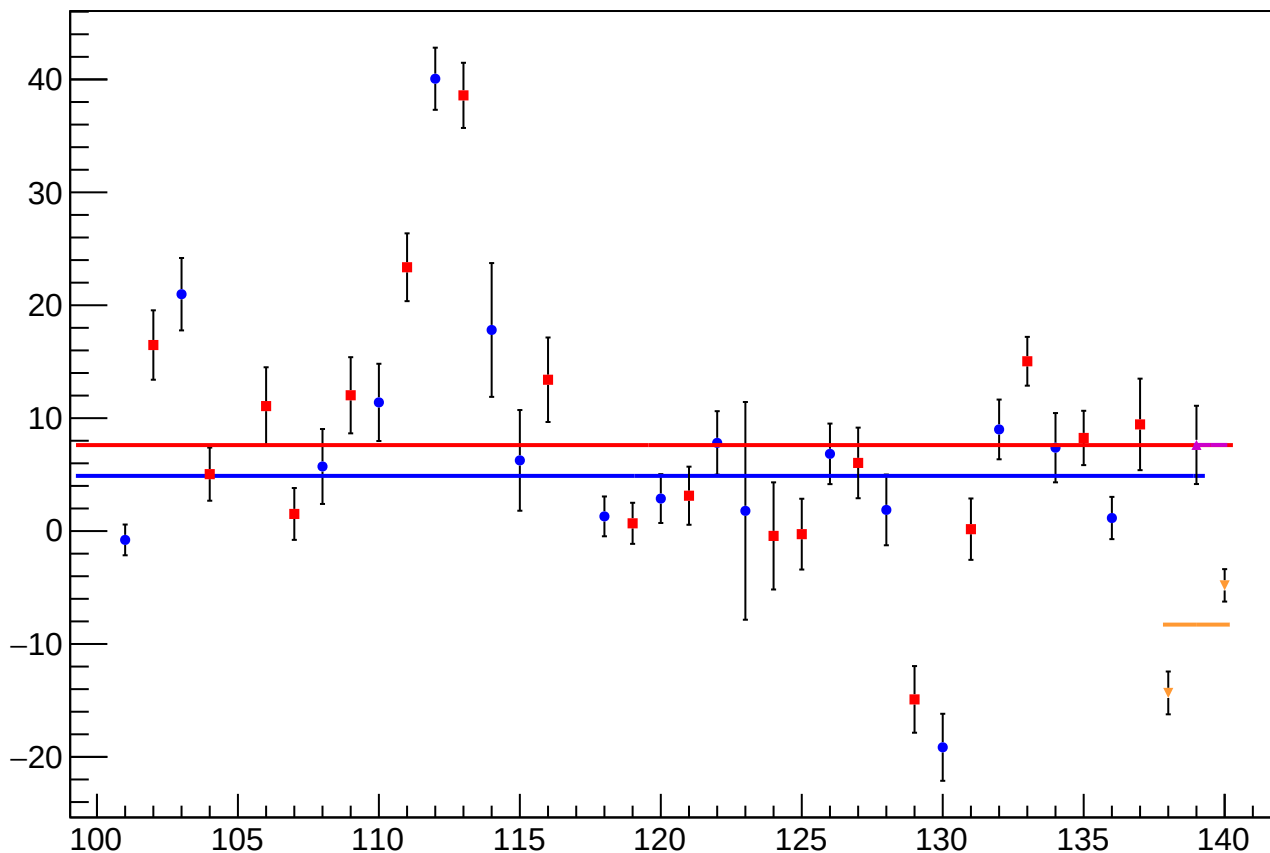
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -90.450 ± 1.920 χ^2/NDF : 0.0/0

Out: -50.520 ± 1.283 χ^2/NDF : 5.0/1

All: -62.848 ± 1.067 χ^2/NDF : 303.9/2

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: -8.284 $\pm$ 1.145 χ^2 /NDF:16.0/1

Right Out: 7.615 $\pm$ 0.652 χ^2 /NDF: 269.2/17

Left In: 7.631 $\pm$ 3.466 χ^2 /NDF:0.0/0

Left: -6.717 $\pm$ 1.088 χ^2 /NDF: 35.0/2

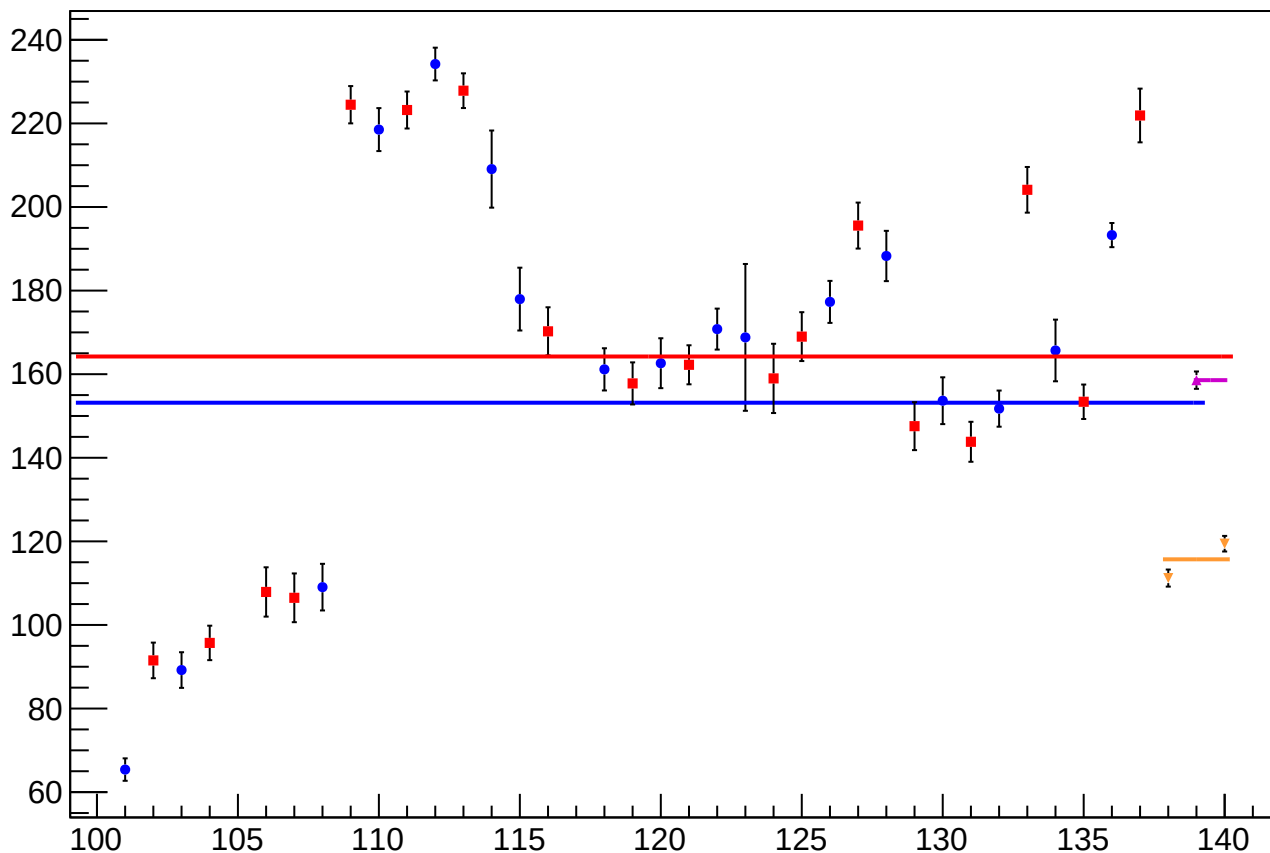
Right: 6.187 $\pm$ 0.450 χ^2 /NDF: 573.1/34

In: 4.974 $\pm$ 0.612 χ^2 /NDF:295.3/17

Out: 3.722 $\pm$ 0.567 χ^2 /NDF:430.7/19

All: 4.300 $\pm$ 0.416 χ^2 /NDF: 728.3/37

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 115.701 $\pm$ 1.378 χ^2 /NDF:8.8/1

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 158.572 $\pm$ 2.078 χ^2 /NDF:0.0/0

Left: 128.789 $\pm$ 1.148 χ^2 /NDF: 304.4/2

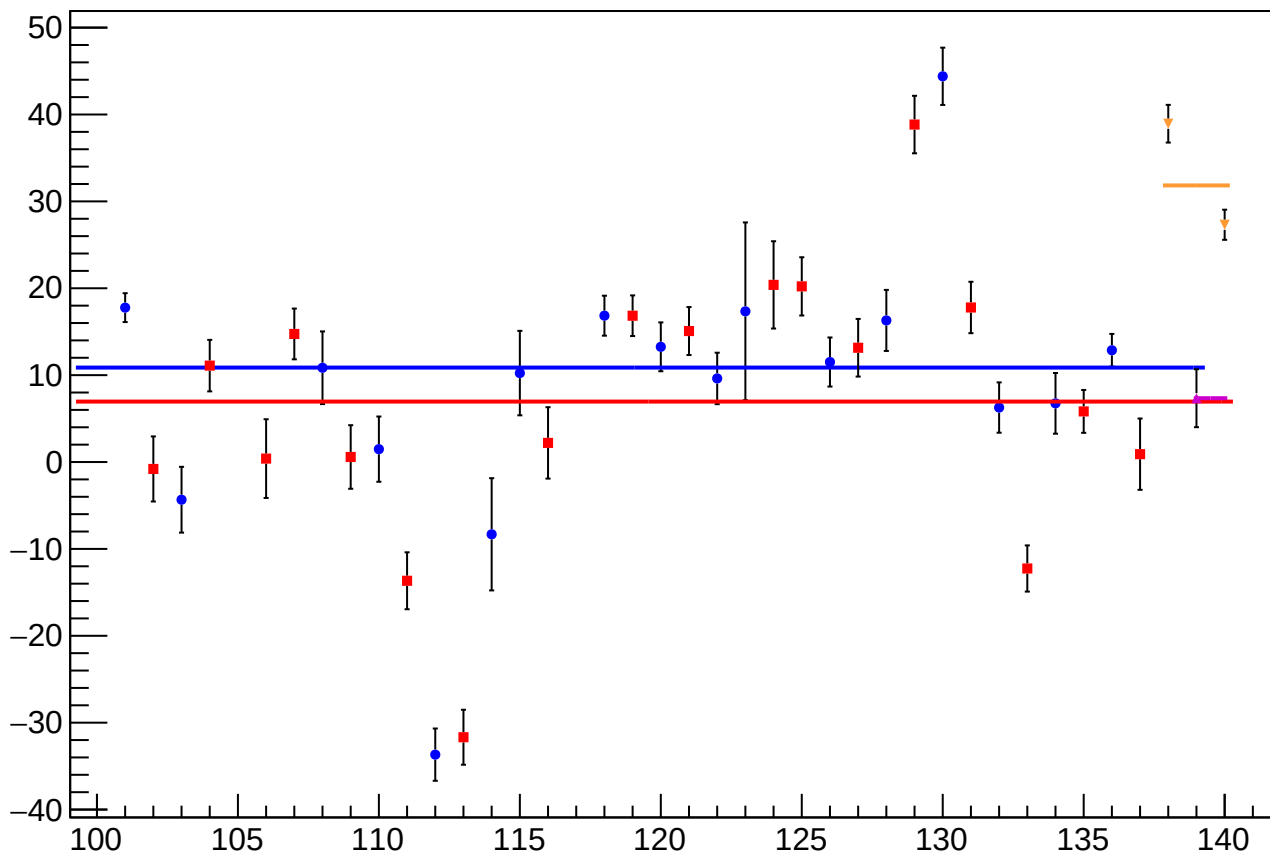
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 154.433 $\pm$ 1.004 χ^2 /NDF:2269.4/17

Out: 143.634 $\pm$ 0.898 χ^2 /NDF:2277.7/19

All: 148.432 $\pm$ 0.669 χ^2 /NDF: 4611.4/37

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 31.838 $\pm$ 1.355 χ^2 /NDF:17.5/1

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 7.345 $\pm$ 3.337 χ^2 /NDF:0.0/0

Left: 28.373 $\pm$ 1.255 χ^2 /NDF: 63.8/2

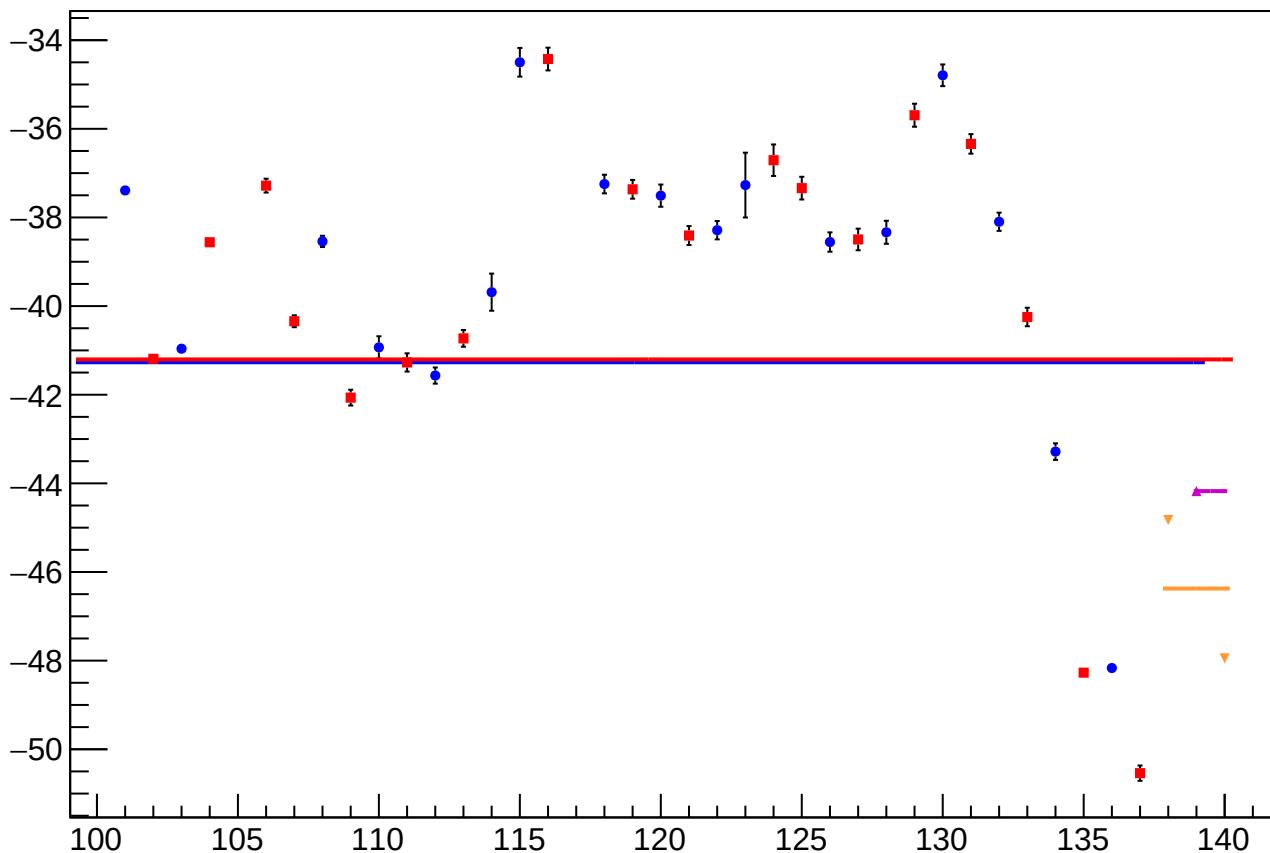
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 10.718 $\pm$ 0.699 χ^2 /NDF:387.8/17

Out: 12.785 $\pm$ 0.656 χ^2 /NDF:698.1/19

All: 11.817 $\pm$ 0.478 χ^2 /NDF: 1090.6/37

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -46.373 ± 0.057 $\chi^2/\text{NDF}: 739.9/1$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -44.175 ± 0.073 $\chi^2/\text{NDF}: 0.0/0$

Left: -45.539 ± 0.045 $\chi^2/\text{NDF}: 1297.8/2$

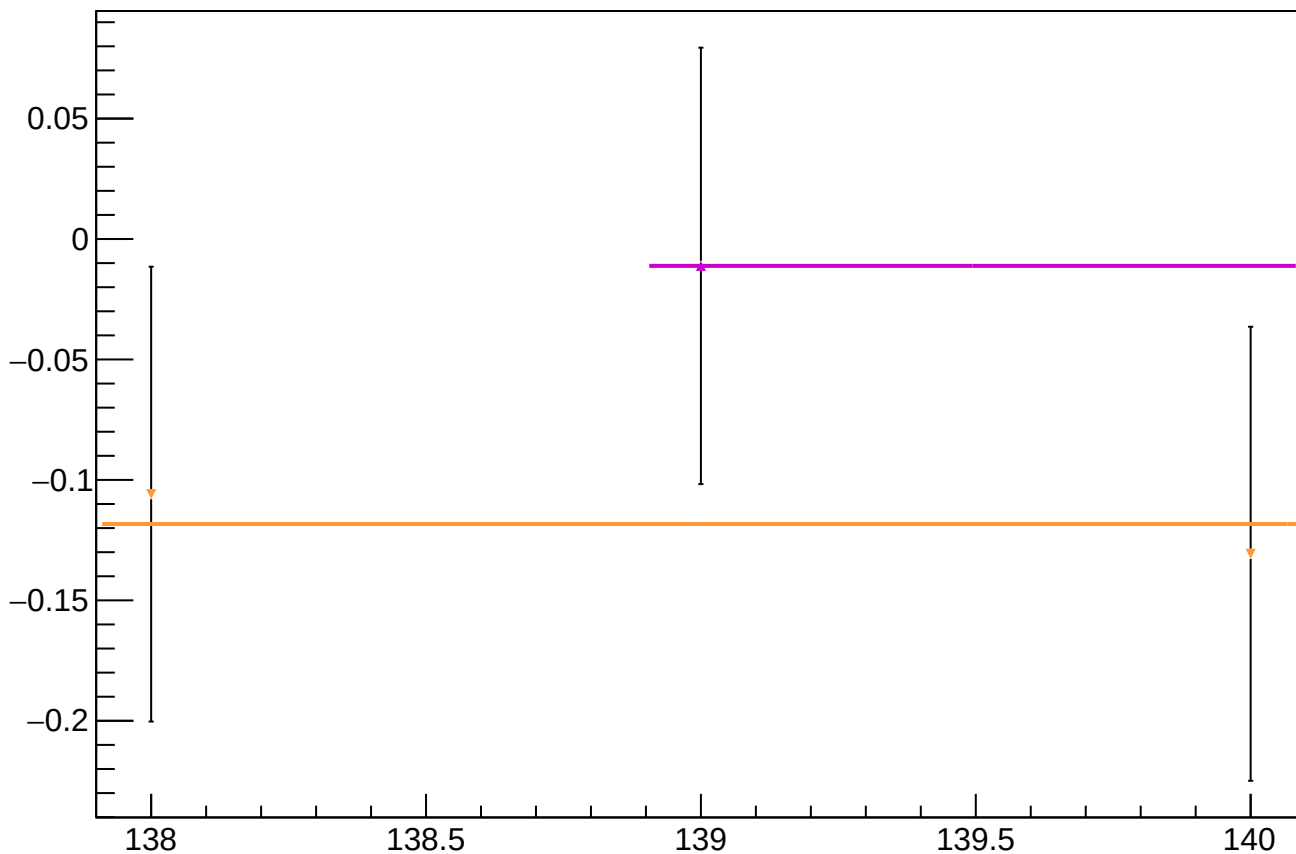
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -41.896 ± 0.034 $\chi^2/\text{NDF}: 13814.0/17$

Out: -42.829 ± 0.032 $\chi^2/\text{NDF}: 18317.0/19$

All: -42.390 ± 0.023 $\chi^2/\text{NDF}: 32527.1/37$

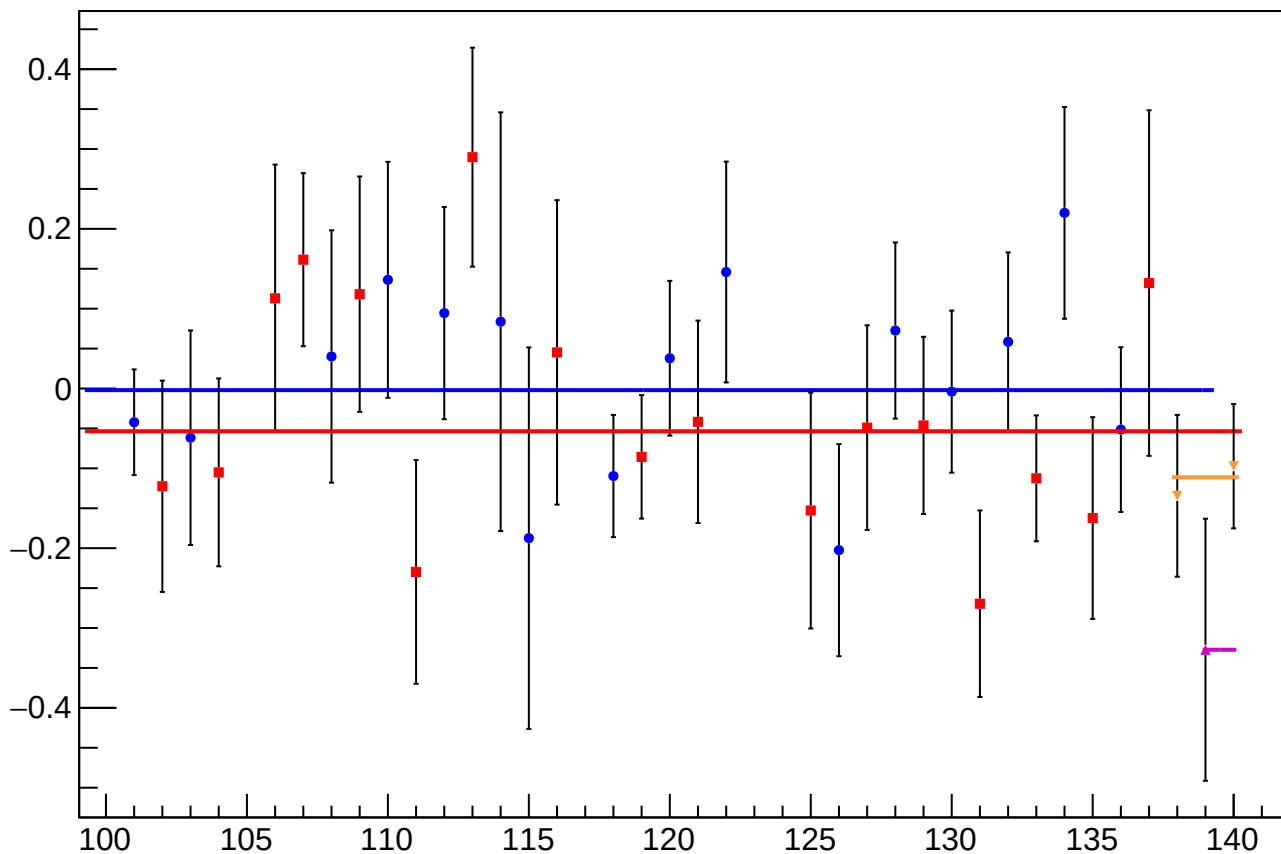
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.118 +/- 0.067 χ^2/NDF : 0.0/1
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -0.011 +/- 0.091 χ^2/NDF : 0.0/0

Left: -0.081 +/- 0.054 χ^2/NDF : 0.9/2
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -0.011 +/- 0.091 χ^2/NDF : 0.0/0
 Out: -0.118 +/- 0.067 χ^2/NDF : 0.0/1
 All: -0.081 +/- 0.054 χ^2/NDF : 0.9/2

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.111 ± 0.062 χ^2/NDF : 0.1/1

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.327 ± 0.164 χ^2/NDF : 0.0/0

Left: -0.138 ± 0.058 χ^2/NDF : 1.6/2

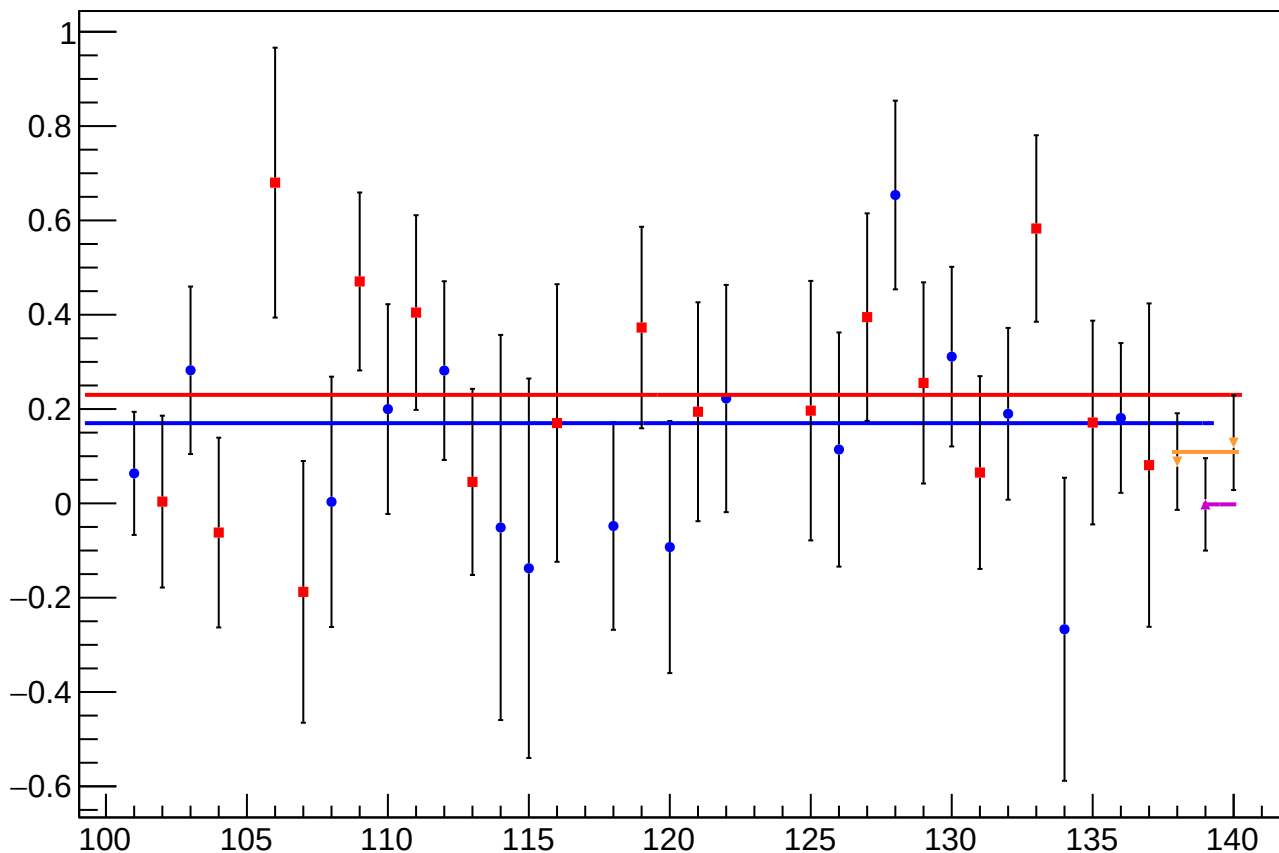
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.011 ± 0.028 χ^2/NDF : 15.9/16

Out: -0.064 ± 0.026 χ^2/NDF : 21.7/18

All: -0.039 ± 0.019 χ^2/NDF : 39.5/35

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.109 $\pm$ 0.072 χ^2 /NDF: 0.1/1

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: -0.002 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Left: 0.070 $\pm$ 0.058 χ^2 /NDF: 0.9/2

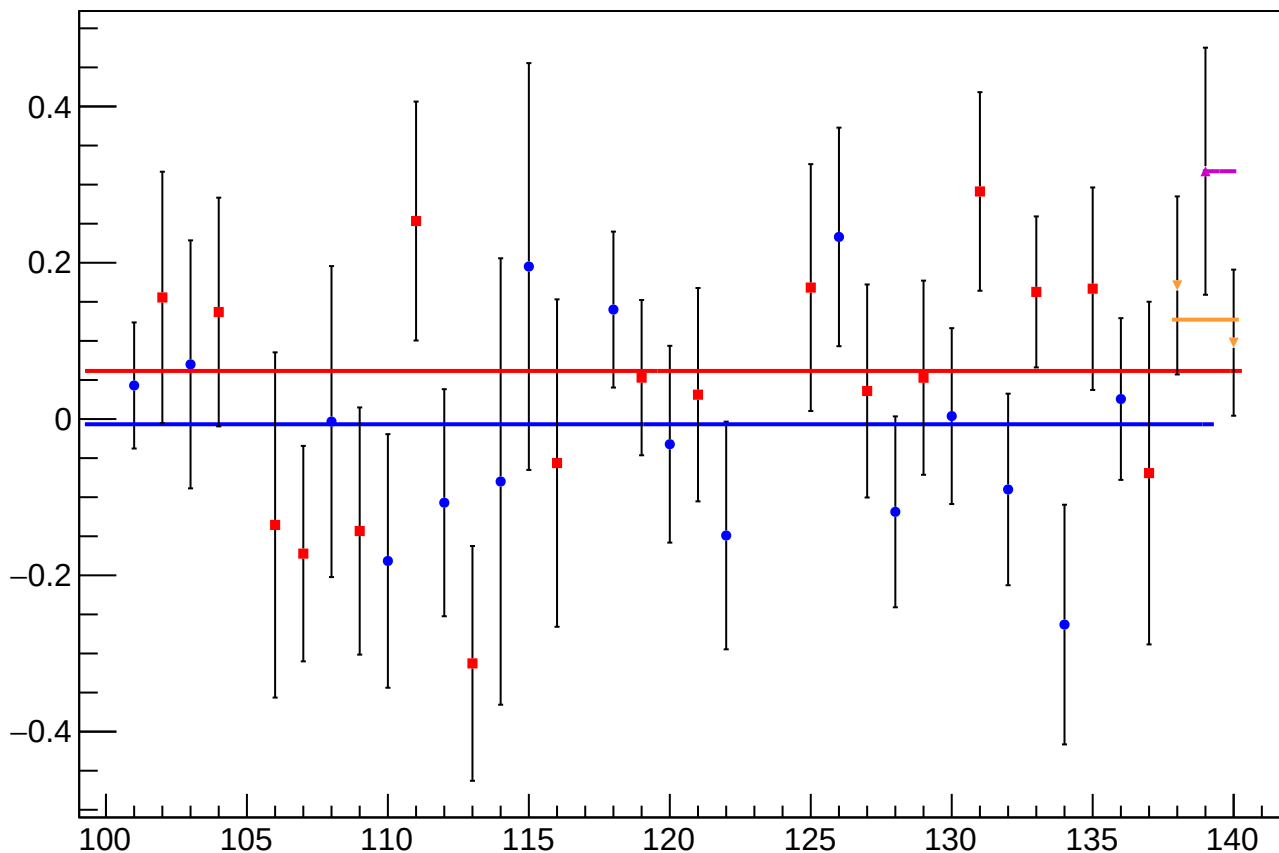
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.132 $\pm$ 0.046 χ^2 /NDF: 15.4/16

Out: 0.186 $\pm$ 0.043 χ^2 /NDF: 18.7/18

All: 0.161 $\pm$ 0.031 χ^2 /NDF: 34.9/35

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.127 ± 0.072 χ^2/NDF : 0.2/1

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.317 ± 0.158 χ^2/NDF : 0.0/0

Left: 0.160 ± 0.066 χ^2/NDF : 1.4/2

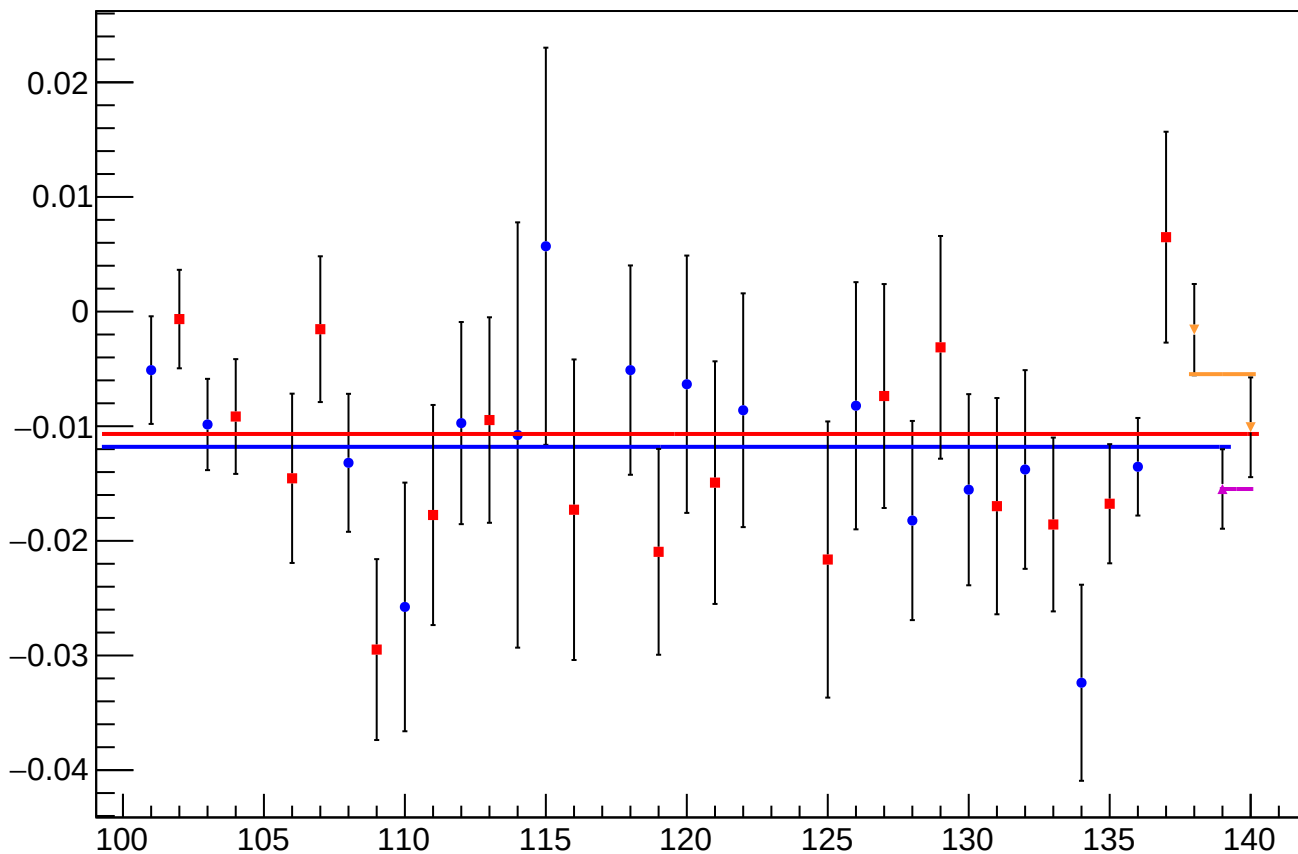
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.007 ± 0.032 χ^2/NDF : 17.2/16

Out: 0.073 ± 0.031 χ^2/NDF : 20.9/18

All: 0.041 ± 0.022 χ^2/NDF : 40.4/35

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.005 ± 0.003 χ^2/NDF : 2.1/1

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.015 ± 0.003 χ^2/NDF : 0.0/0

Left: -0.010 ± 0.002 χ^2/NDF : 6.9/2

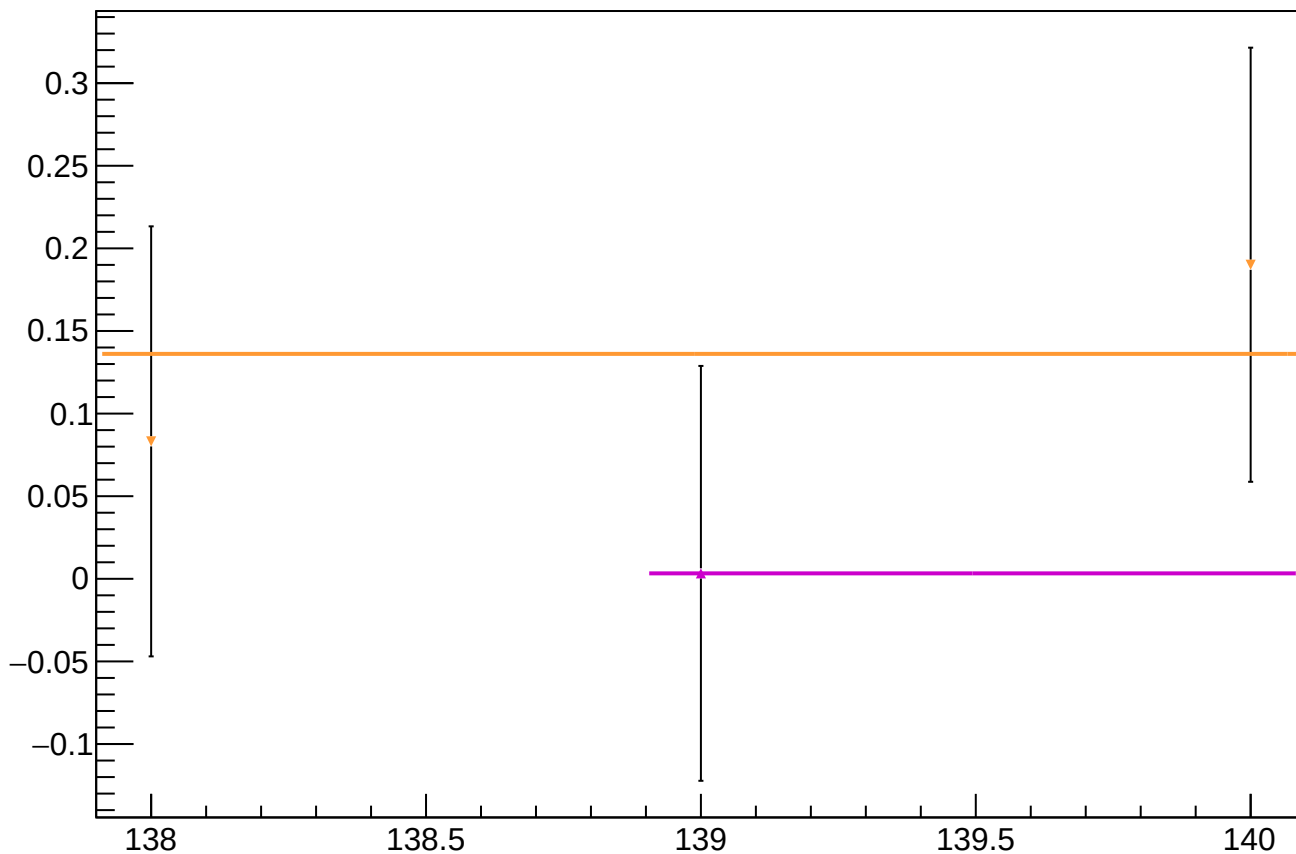
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.002 χ^2/NDF : 13.7/16

Out: -0.009 ± 0.002 χ^2/NDF : 28.2/18

All: -0.011 ± 0.001 χ^2/NDF : 44.1/35

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.136+/-0.092 χ^2/NDF : 0.3/1

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

Left In: 0.003+/-0.126 χ^2/NDF : 0.0/0

Left: 0.089+/-0.074 χ^2/NDF : 1.1/2

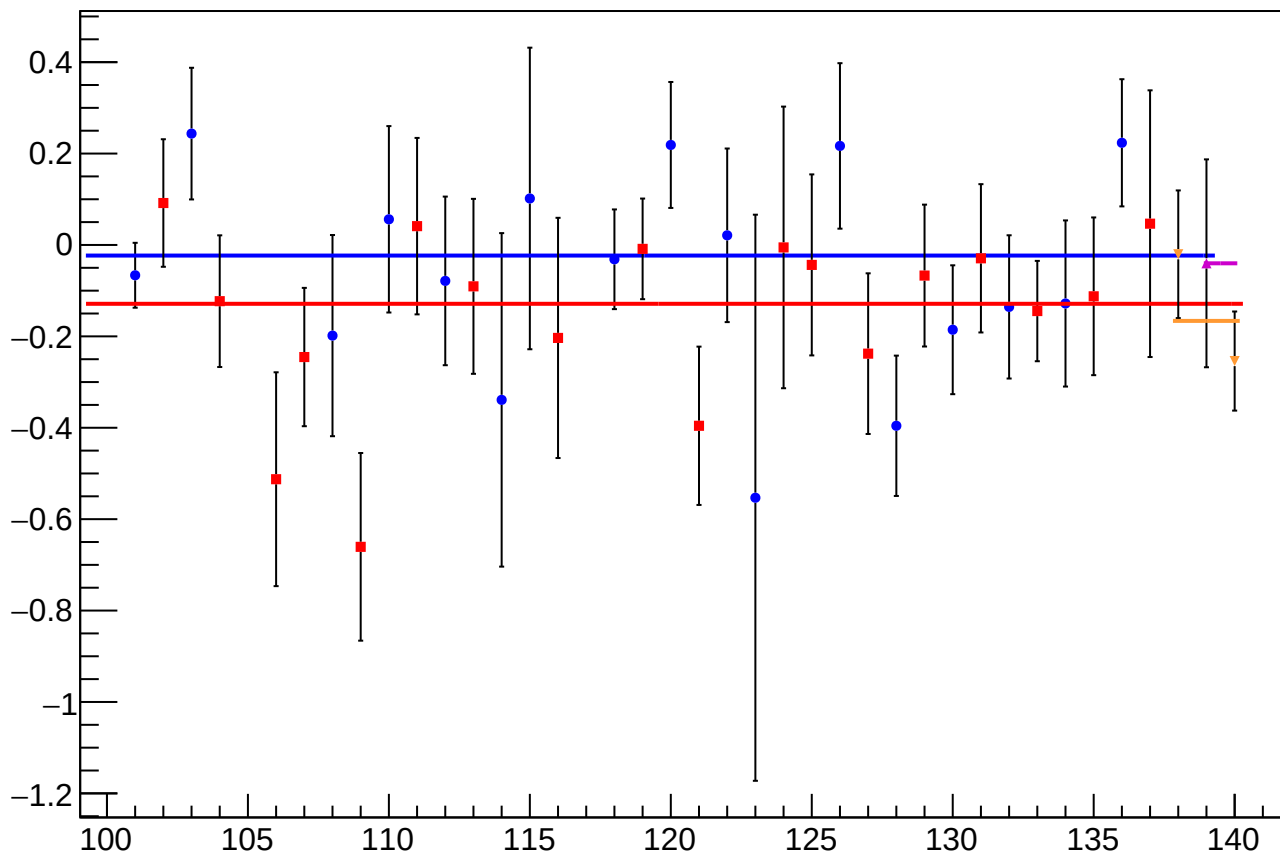
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.003+/-0.126 χ^2/NDF : 0.0/0

Out: 0.136+/-0.092 χ^2/NDF : 0.3/1

All: 0.089+/-0.074 χ^2/NDF : 1.1/2

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.166 ± 0.086 $\chi^2/\text{NDF}: 1.7/1$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.040 ± 0.227 $\chi^2/\text{NDF}: 0.0/0$

Left: -0.151 ± 0.080 $\chi^2/\text{NDF}: 2.0/2$

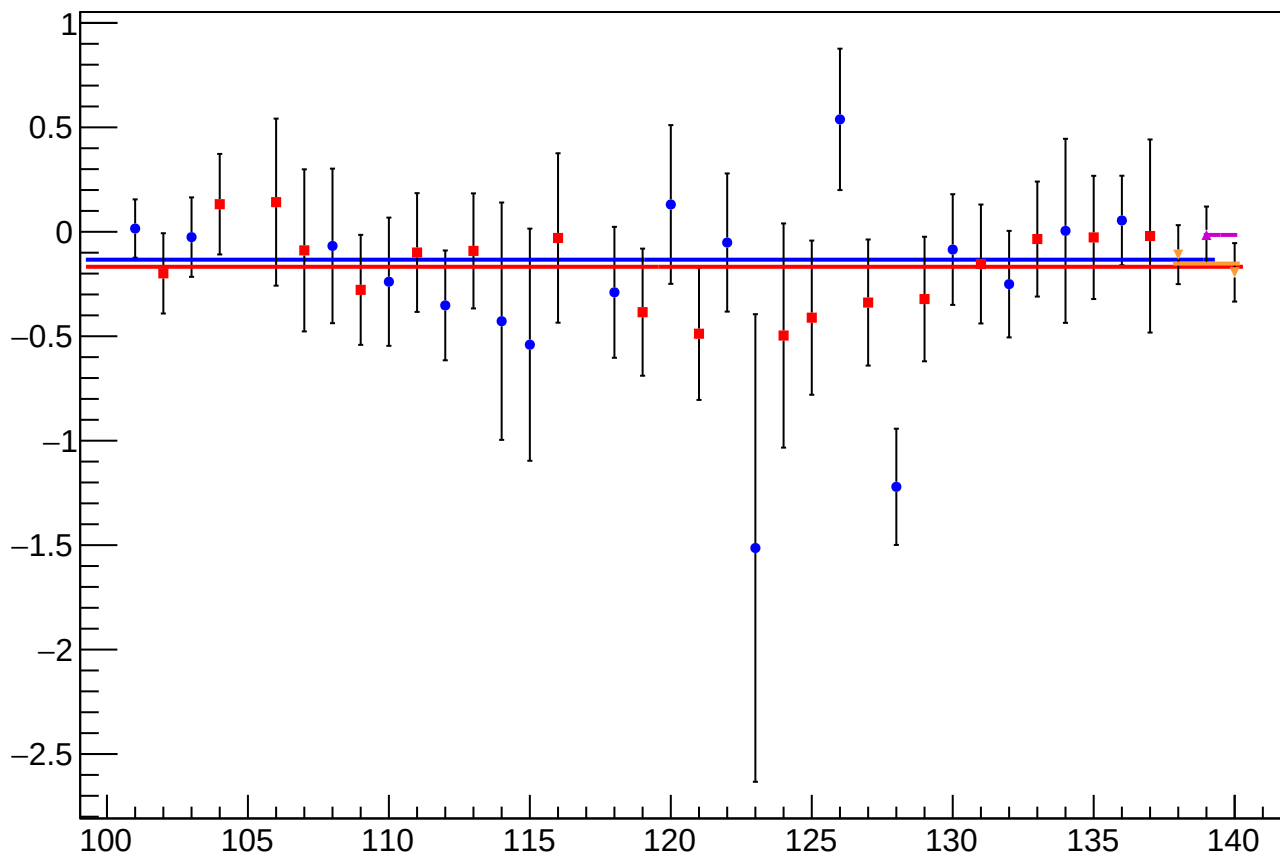
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.024 ± 0.036 $\chi^2/\text{NDF}: 22.4/17$

Out: -0.135 ± 0.036 $\chi^2/\text{NDF}: 20.5/19$

All: -0.080 ± 0.025 $\chi^2/\text{NDF}: 47.8/37$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.152 ± 0.099 χ^2/NDF : 0.2/1

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.015 ± 0.136 χ^2/NDF : 0.0/0

Left: -0.104 ± 0.080 χ^2/NDF : 0.8/2

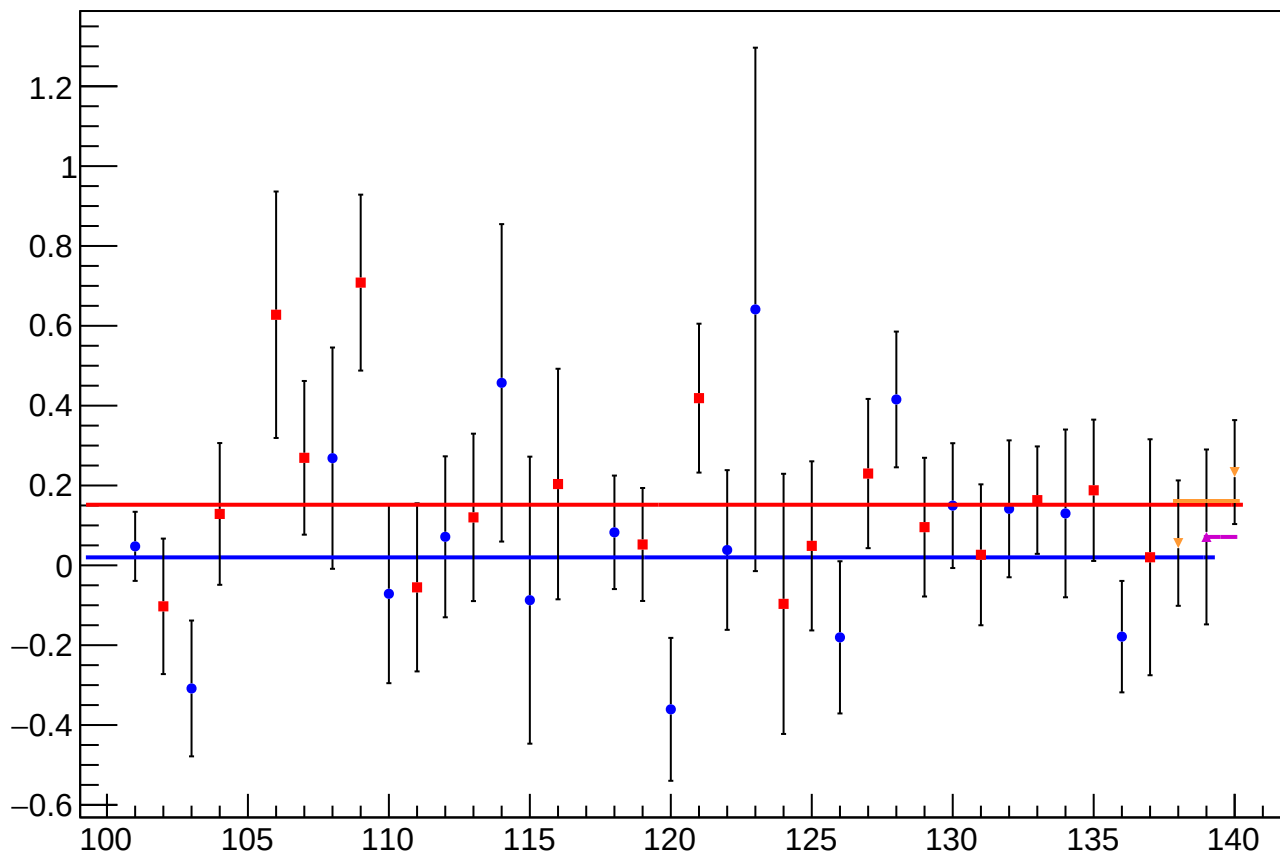
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.110 ± 0.060 χ^2/NDF : 26.4/17

Out: -0.162 ± 0.058 χ^2/NDF : 6.3/19

All: -0.137 ± 0.042 χ^2/NDF : 33.1/37

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.161 $\pm$ 0.100 χ^2 /NDF:0.8/1

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.071 $\pm$ 0.219 χ^2 /NDF:0.0/0

Left: 0.146 $\pm$ 0.091 χ^2 /NDF: 0.9/2

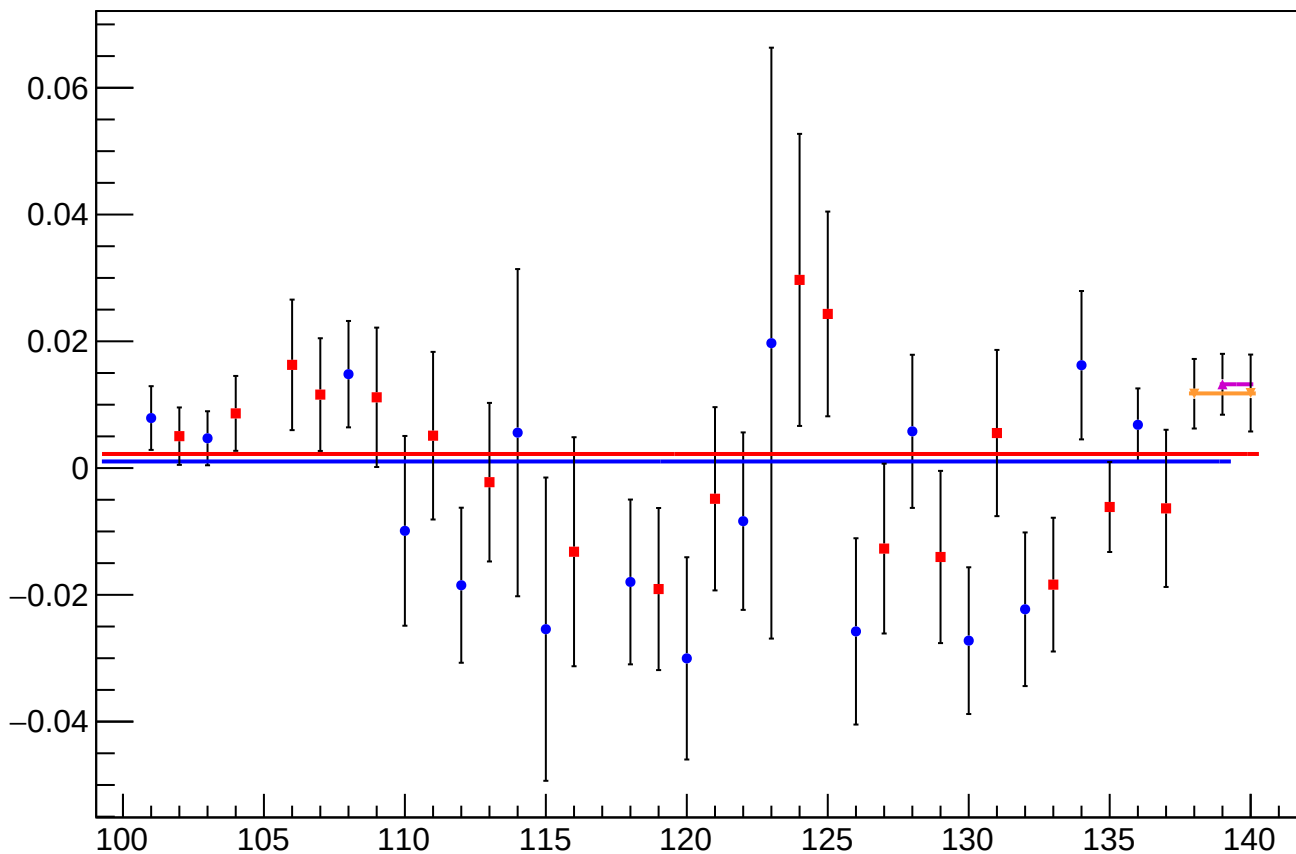
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.022 $\pm$ 0.042 χ^2 /NDF:21.8/17

Out: 0.153 $\pm$ 0.041 χ^2 /NDF:17.6/19

All: 0.088 $\pm$ 0.029 χ^2 /NDF: 44.5/37

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.012 $\pm$ 0.004 χ^2 /NDF:0.0/1

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.013 $\pm$ 0.005 χ^2 /NDF:0.0/0

Left: 0.012 $\pm$ 0.003 χ^2 /NDF: 0.1/2

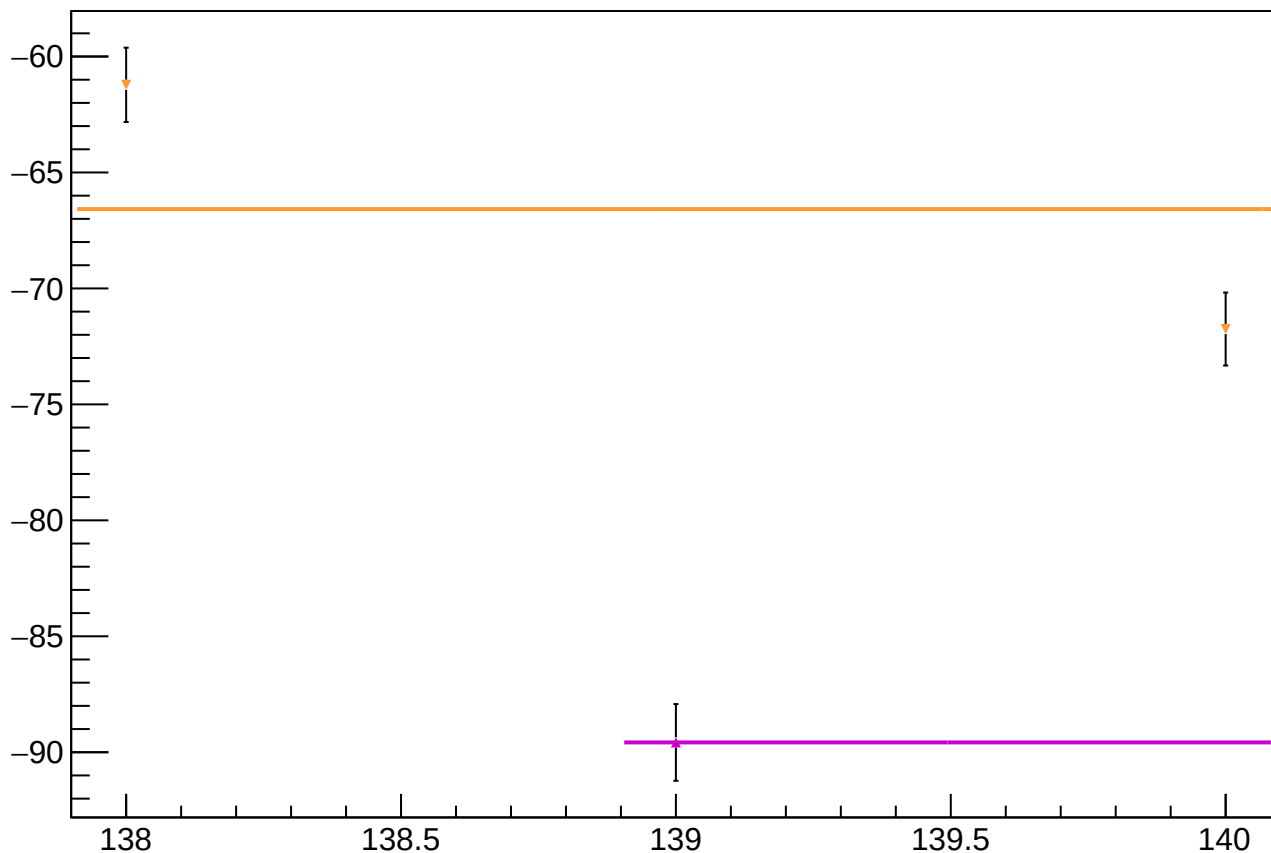
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.003 $\pm$ 0.002 χ^2 /NDF:37.3/17

Out: 0.005 $\pm$ 0.002 χ^2 /NDF:25.0/19

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 62.5/37

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -66.579+/-1.123 χ^2/NDF :22.0/1

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

Left In: -89.576+/-1.655 χ^2/NDF :0.0/0

Left: -73.827+/-0.929 χ^2/NDF : 154.2/2

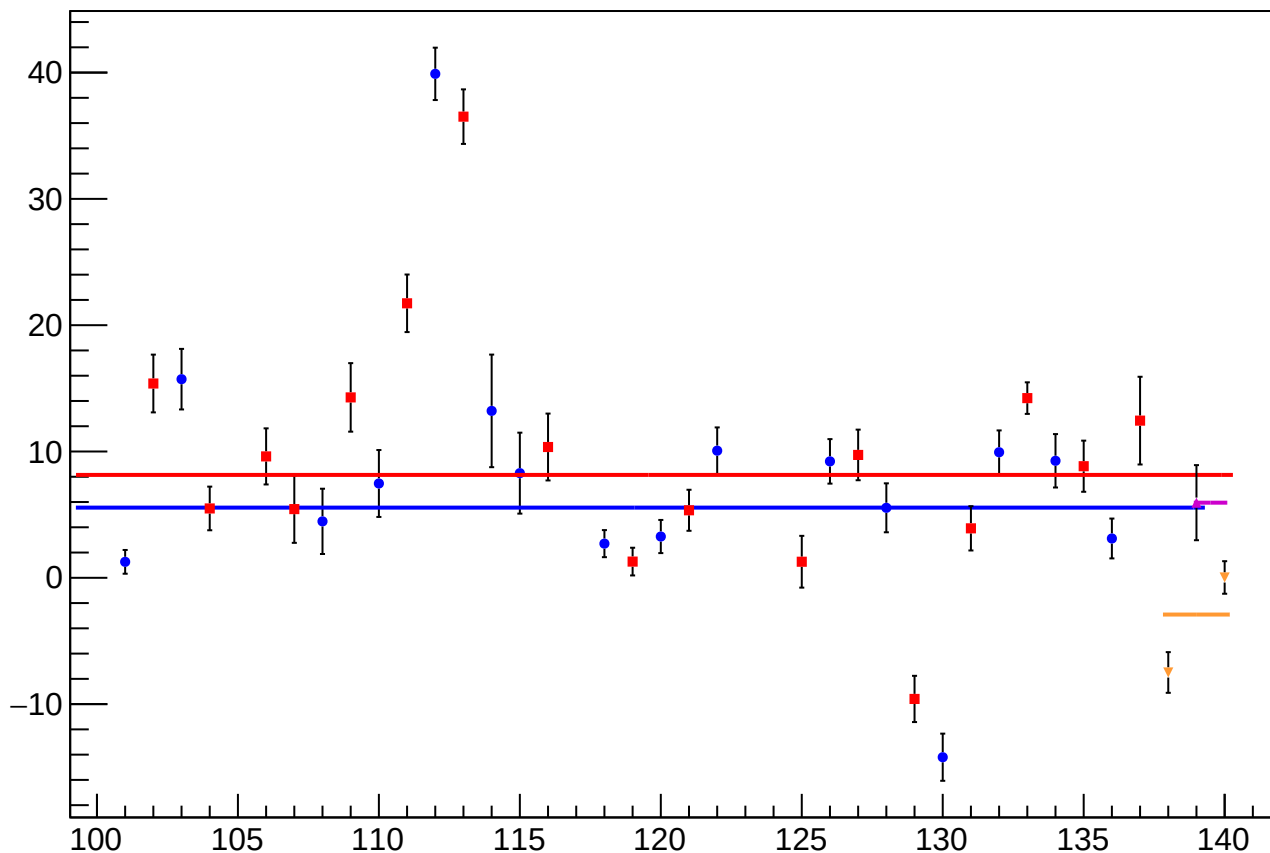
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.576+/-1.655 χ^2/NDF :0.0/0

Out: -66.579+/-1.123 χ^2/NDF :22.0/1

All: -73.827+/-0.929 χ^2/NDF : 154.2/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557+/-0.424 χ^2/NDF : 462.0/15

Left Out: -2.909+/-1.006 χ^2/NDF :13.3/1

Right Out: 8.146+/-0.454 χ^2/NDF : 406.8/16

Left In: 5.949+/-2.973 χ^2/NDF :0.0/0

Left: -1.998+/-0.953 χ^2/NDF : 21.3/2

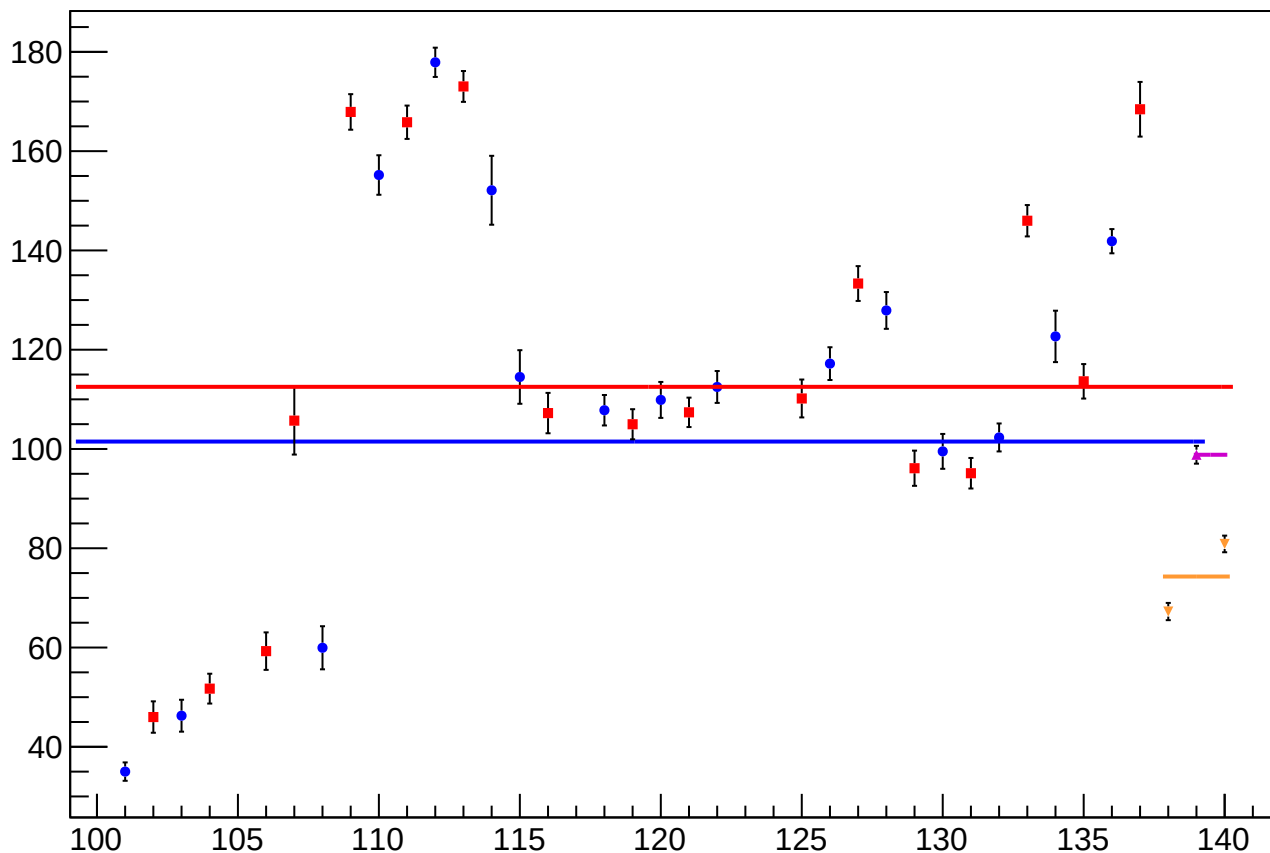
Right: 6.763+/-0.310 χ^2/NDF : 886.1/32

In: 5.565+/-0.420 χ^2/NDF :462.0/16

Out: 6.275+/-0.414 χ^2/NDF :520.3/18

All: 5.925+/-0.295 χ^2/NDF : 983.8/35

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 81.946 ± 1.001 χ^2/NDF : 160.8/2

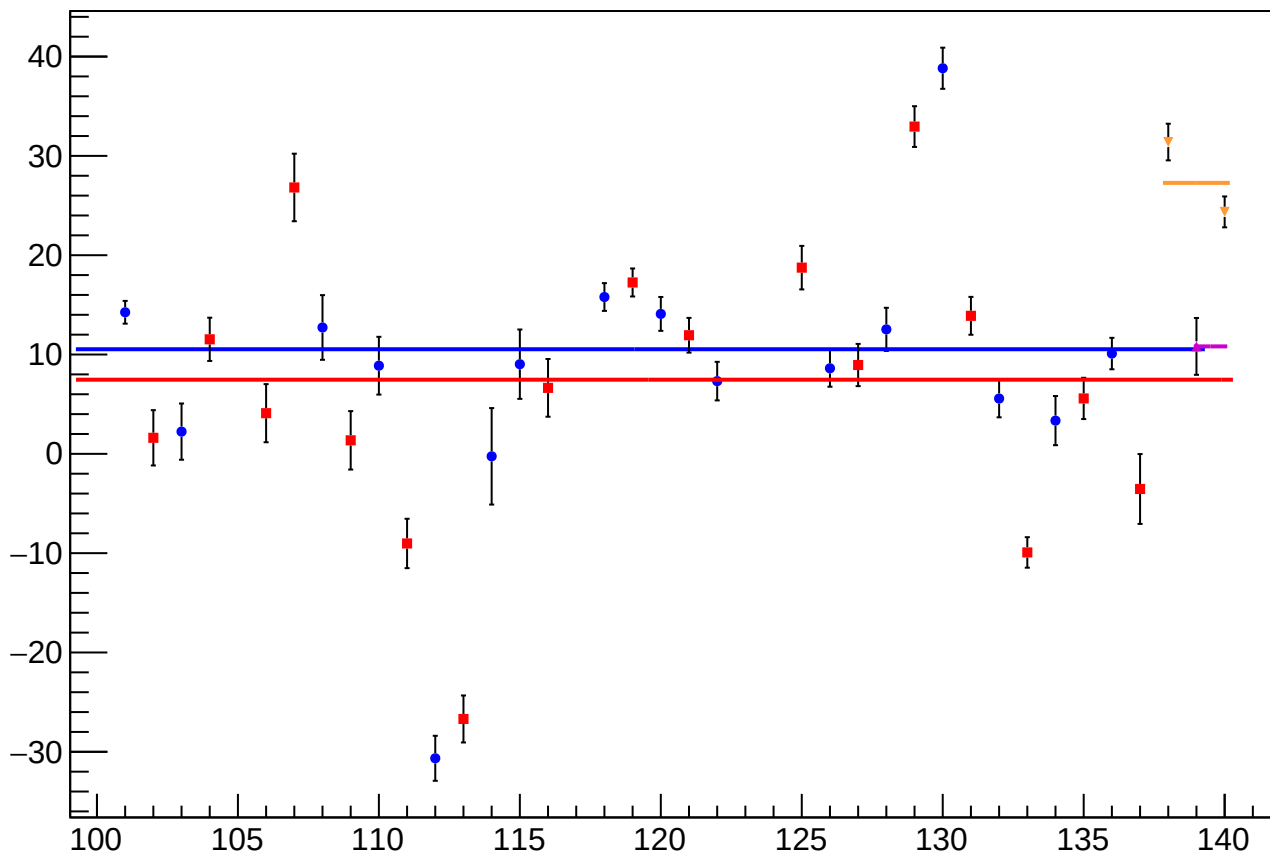
Right: 106.775 ± 0.583 χ^2/NDF : 5299.0/32

In: 101.046 ± 0.737 χ^2/NDF : 2974.8/16

Out: 99.972 ± 0.691 χ^2/NDF : 2943.3/18

All: 100.475 ± 0.504 χ^2/NDF : 5919.3/35

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 27.282 $\pm$ 1.189 χ^2 /NDF: 8.5/1

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 10.818 $\pm$ 2.861 χ^2 /NDF: 0.0/0

Left: 24.856 $\pm$ 1.098 χ^2 /NDF: 36.7/2

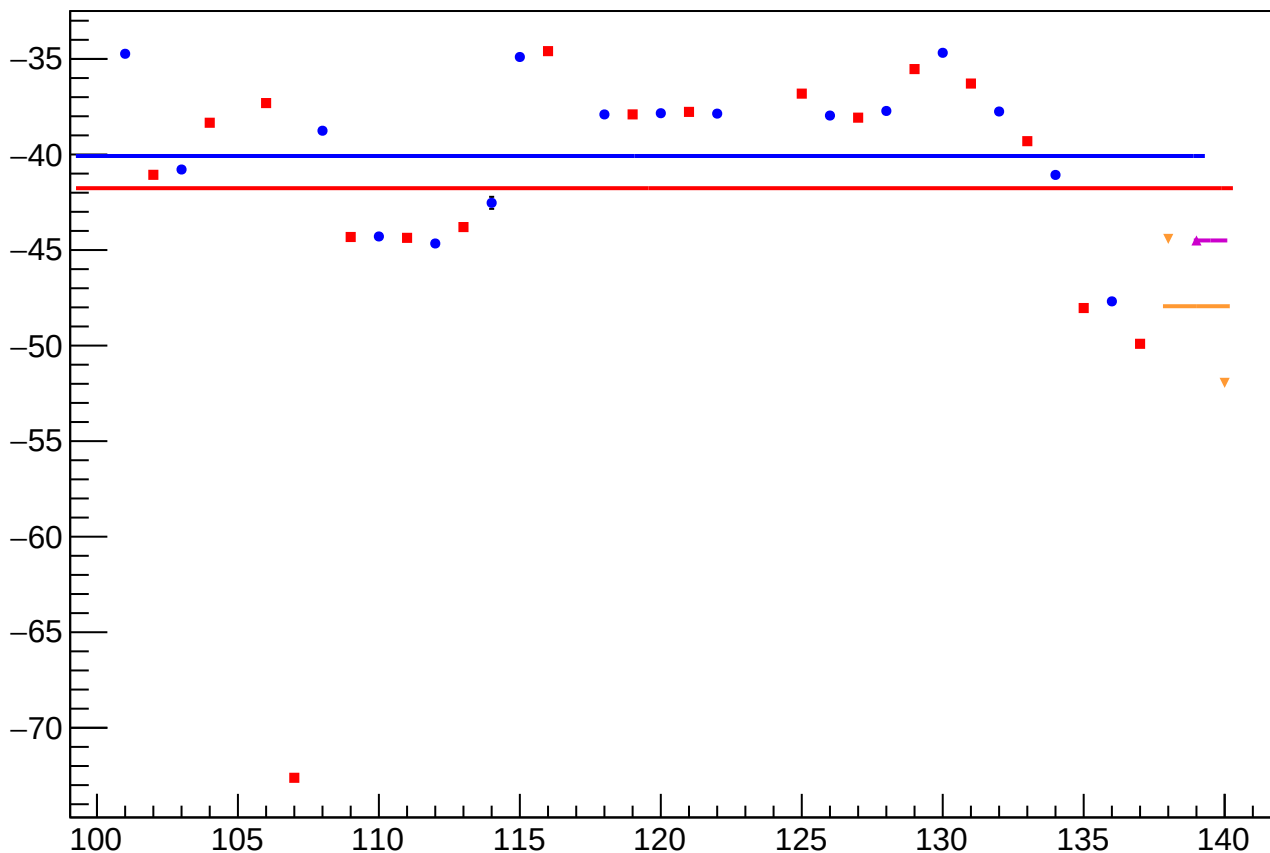
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 10.540 $\pm$ 0.486 χ^2 /NDF: 580.3/16

Out: 10.698 $\pm$ 0.480 χ^2 /NDF: 925.8/18

All: 10.620 $\pm$ 0.342 χ^2 /NDF: 1506.2/35

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079+/-0.028 χ^2/NDF : 25147.0/15

Left Out: -47.940+/-0.050 χ^2/NDF : 5625.7/1

Right Out: -41.764+/-0.029 χ^2/NDF : 60249.3/16

Left In: -44.498+/-0.063 χ^2/NDF : 0.0/0

Left: -46.604+/-0.039 χ^2/NDF : 7456.9/2

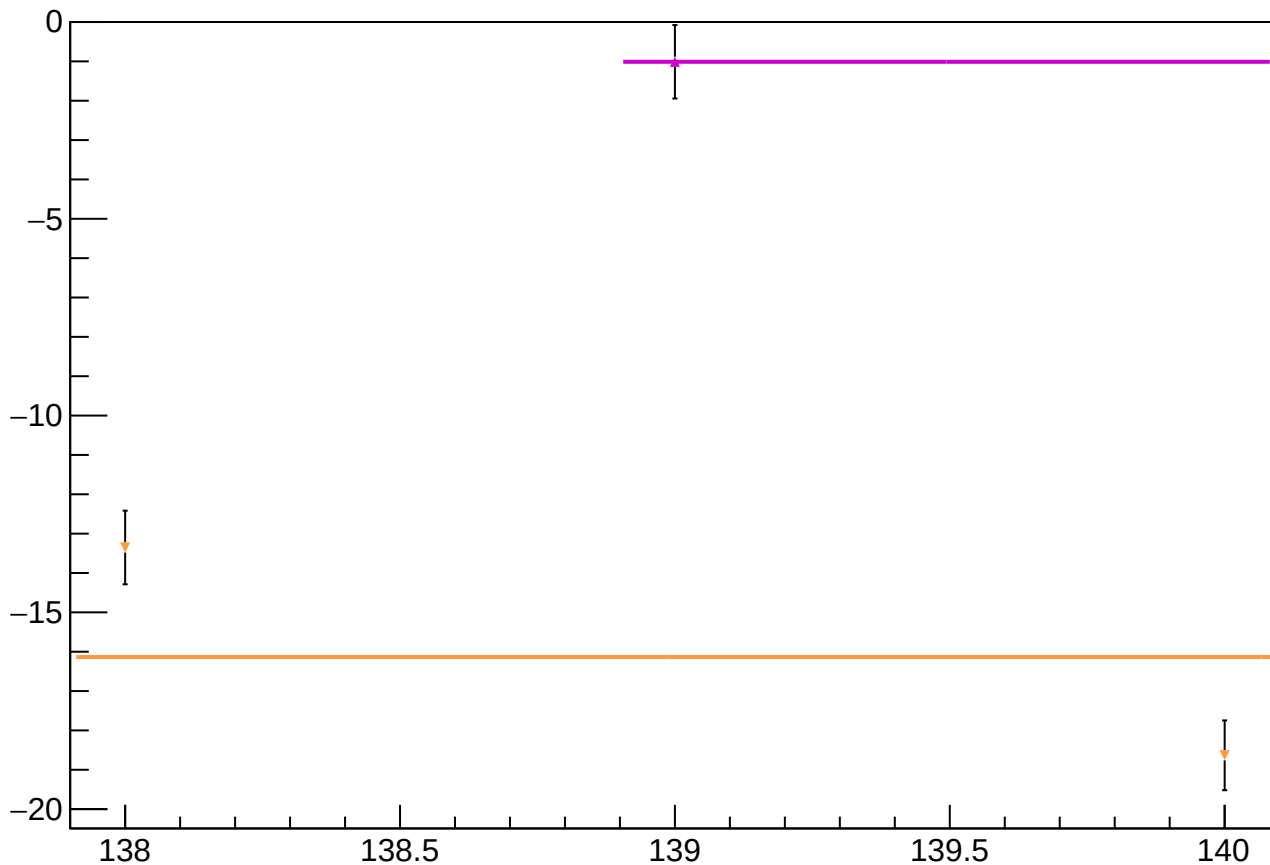
Right: -40.903+/-0.020 χ^2/NDF : 87139.1/32

In: -40.819+/-0.026 χ^2/NDF : 29255.0/16

Out: -43.301+/-0.025 χ^2/NDF : 77287.1/18

All: -42.097+/-0.018 χ^2/NDF : 111325.3/35

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.134+/-0.644 χ^2/NDF : 16.8/1

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

Left In: -1.010+/-0.933 χ^2/NDF : 0.0/0

Left: -11.258+/-0.530 χ^2/NDF : 194.8/2

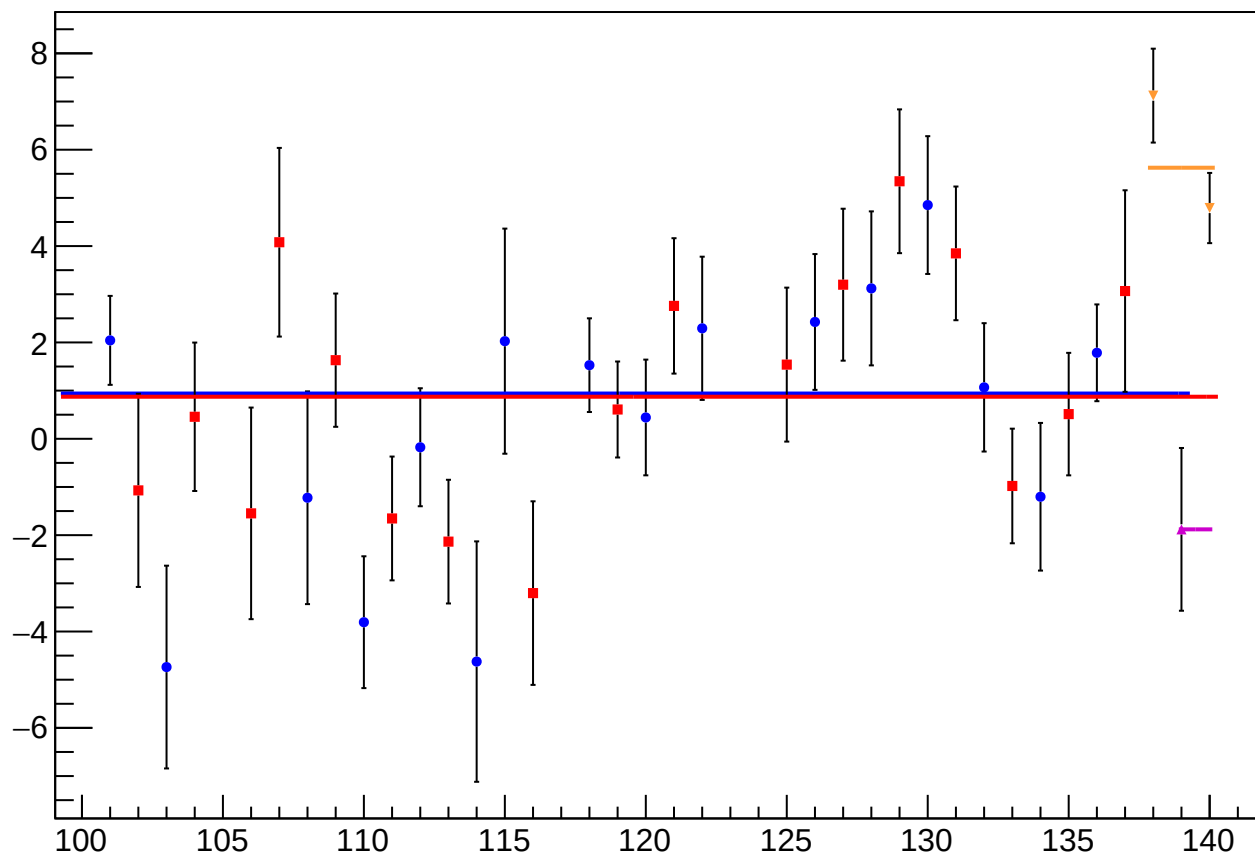
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.010+/-0.933 χ^2/NDF : 0.0/0

Out: -16.134+/-0.644 χ^2/NDF : 16.8/1

All: -11.258+/-0.530 χ^2/NDF : 194.8/2

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939+/-0.339 χ^2/NDF : 42.2/15

Left Out: 5.626+/-0.584 χ^2/NDF : 3.7/1

Right Out: 0.873+/-0.354 χ^2/NDF : 40.6/16

Left In: -1.880+/-1.689 χ^2/NDF : 0.0/0

Left: 4.826+/-0.552 χ^2/NDF : 21.3/2

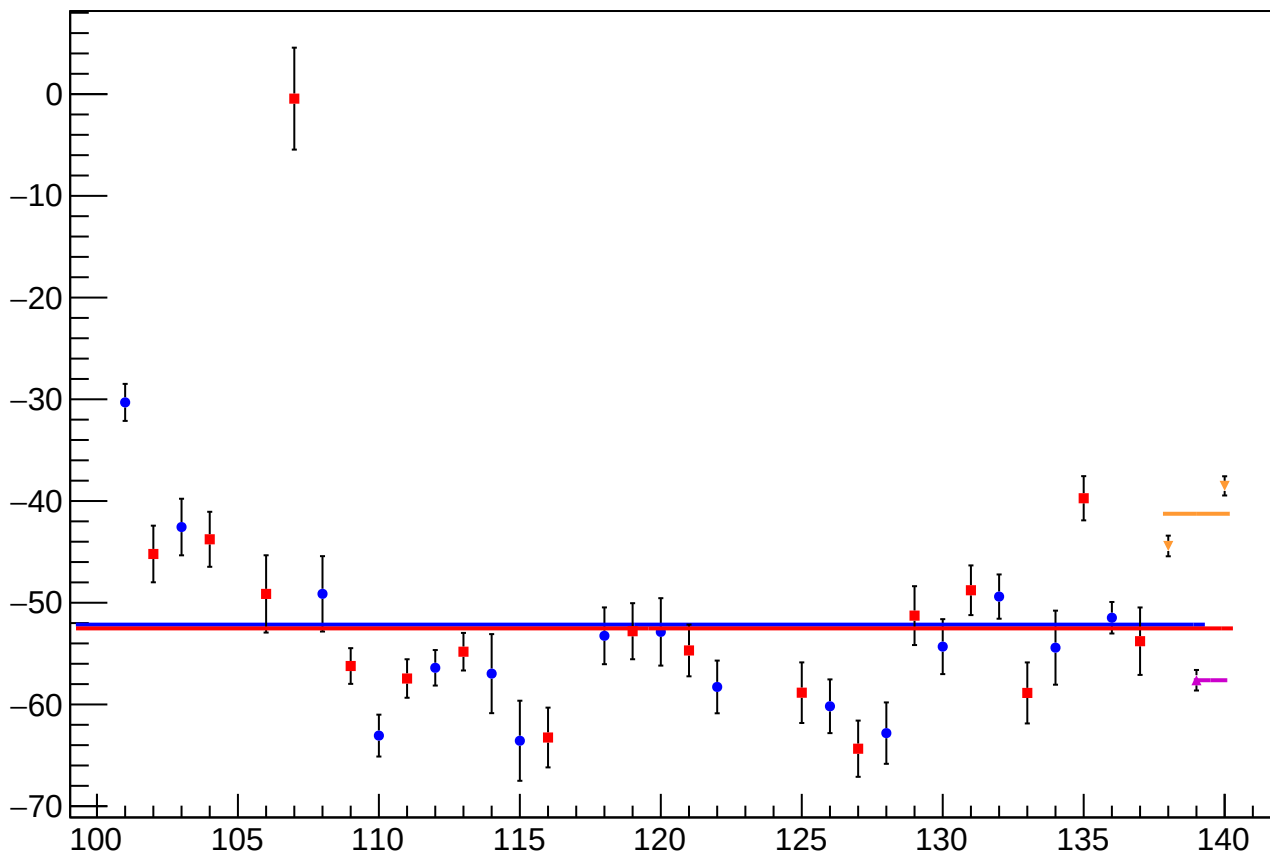
Right: 0.908+/-0.245 χ^2/NDF : 82.8/32

In: 0.830+/-0.332 χ^2/NDF : 44.9/16

Out: 2.151+/-0.303 χ^2/NDF : 92.7/18

All: 1.552+/-0.224 χ^2/NDF : 146.3/35

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -41.253 ± 0.691 χ^2/NDF : 18.2/1

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -57.619 ± 1.010 χ^2/NDF : 0.0/0

Left: -46.477 ± 0.570 χ^2/NDF : 197.0/2

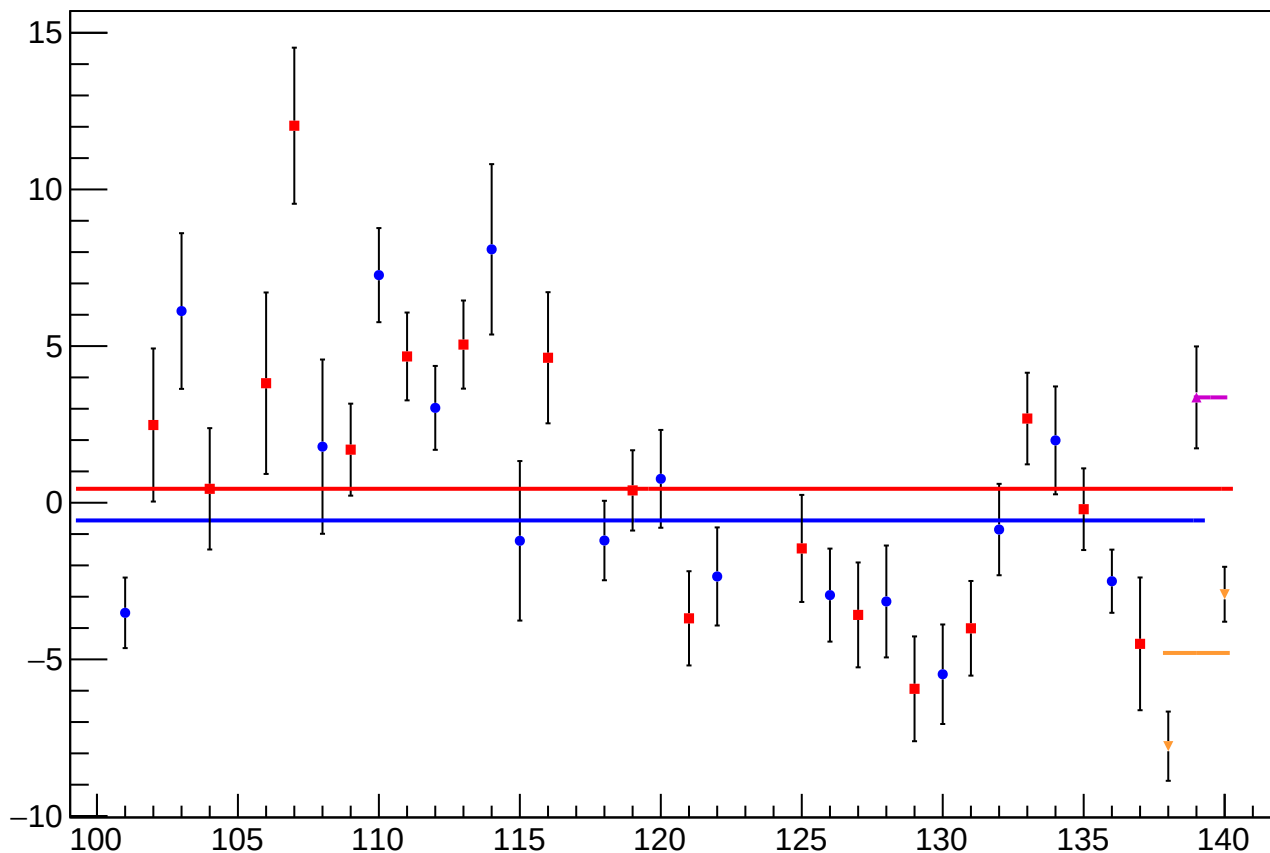
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.626 ± 0.524 χ^2/NDF : 252.5/16

Out: -47.517 ± 0.461 χ^2/NDF : 383.6/18

All: -50.181 ± 0.346 χ^2/NDF : 712.7/35

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -4.795 ± 0.687 χ^2/NDF : 11.8/1

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.363 ± 1.627 χ^2/NDF : 0.0/0

Left: -3.561 ± 0.633 χ^2/NDF : 33.2/2

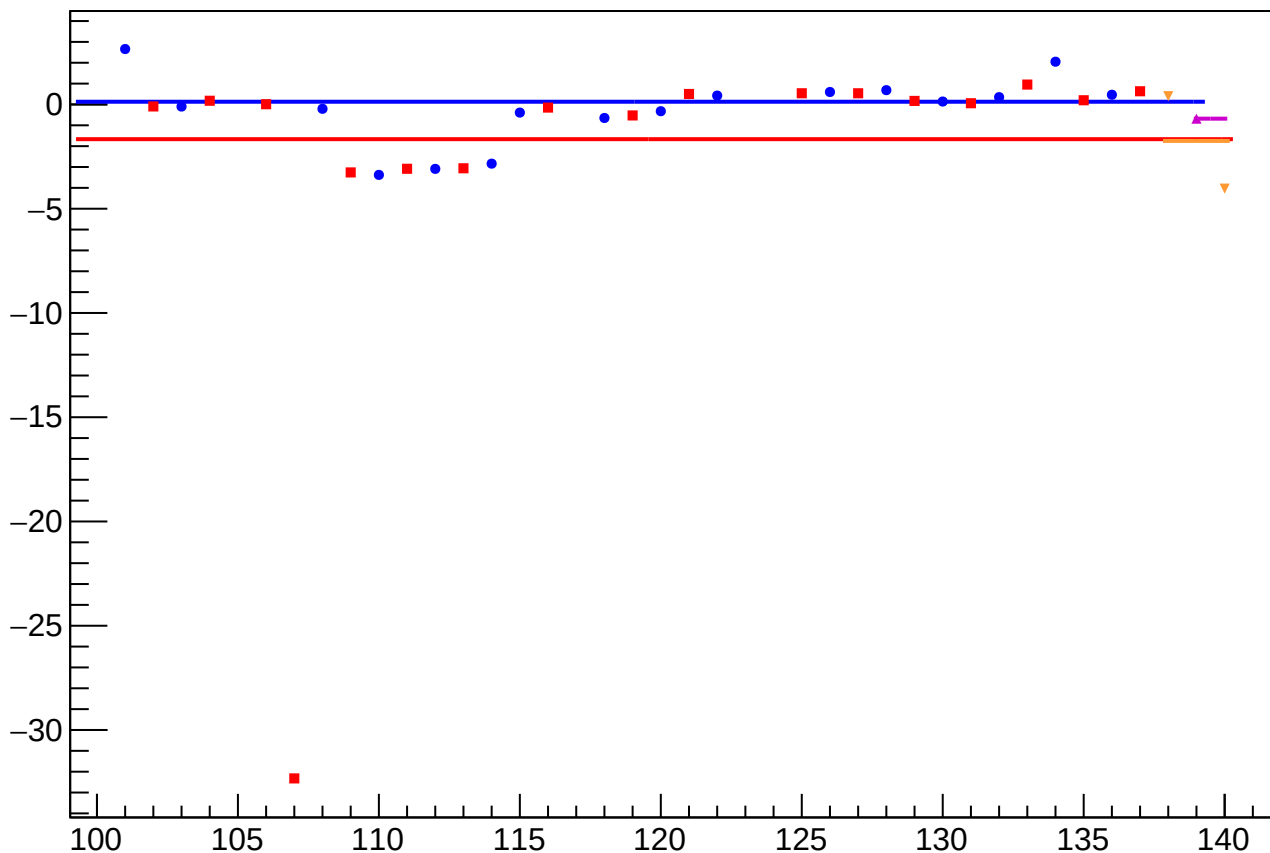
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -0.357 ± 0.374 χ^2/NDF : 87.4/16

Out: -0.883 ± 0.346 χ^2/NDF : 149.4/18

All: -0.641 ± 0.254 χ^2/NDF : 237.8/35

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -1.749 ± 0.029 $\chi^2/\text{NDF}: 6030.7/1$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -0.681 ± 0.036 $\chi^2/\text{NDF}: 0.0/0$

Left: -1.332 ± 0.022 $\chi^2/\text{NDF}: 6576.4/2$

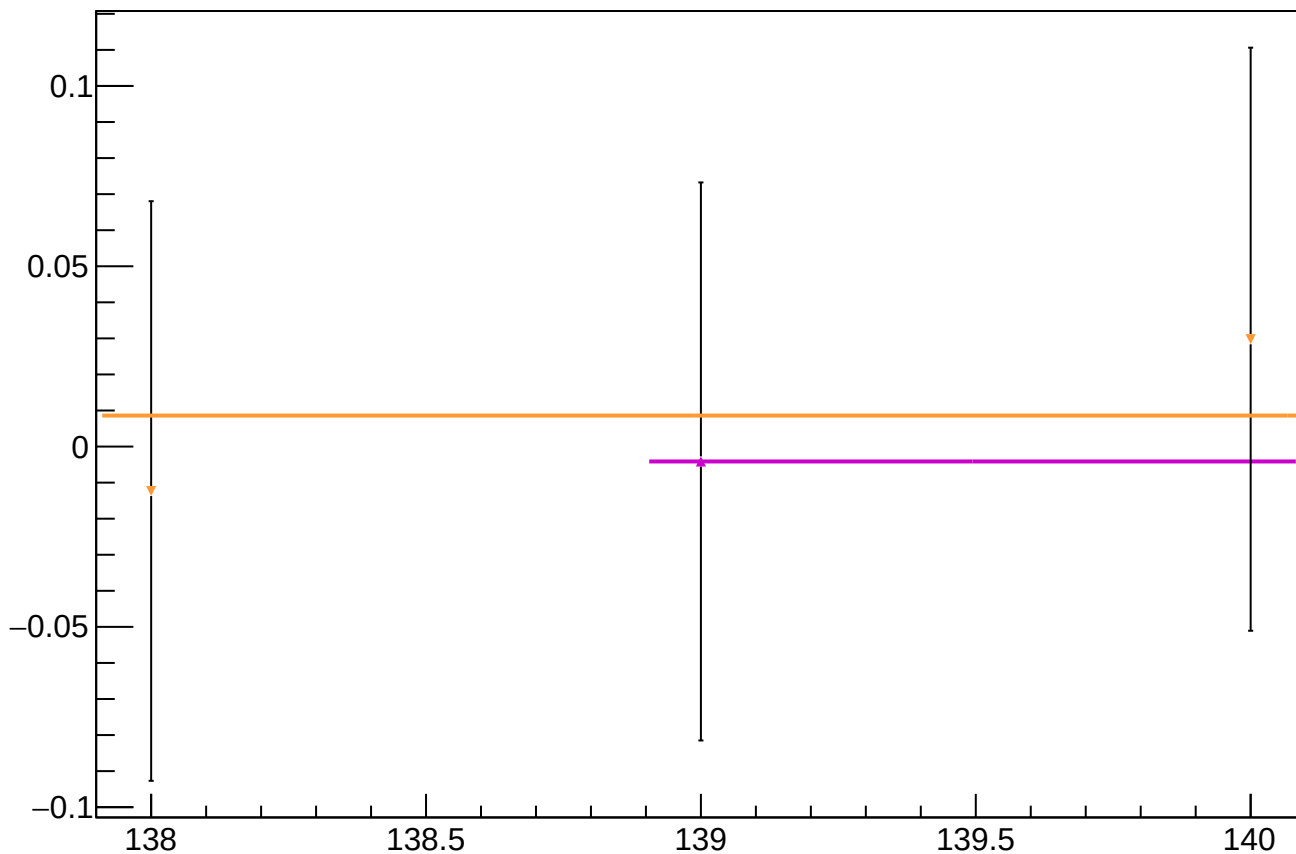
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -0.086 ± 0.018 $\chi^2/\text{NDF}: 5612.3/16$

Out: -1.696 ± 0.017 $\chi^2/\text{NDF}: 83639.0/18$

All: -0.938 ± 0.013 $\chi^2/\text{NDF}: 93293.0/35$

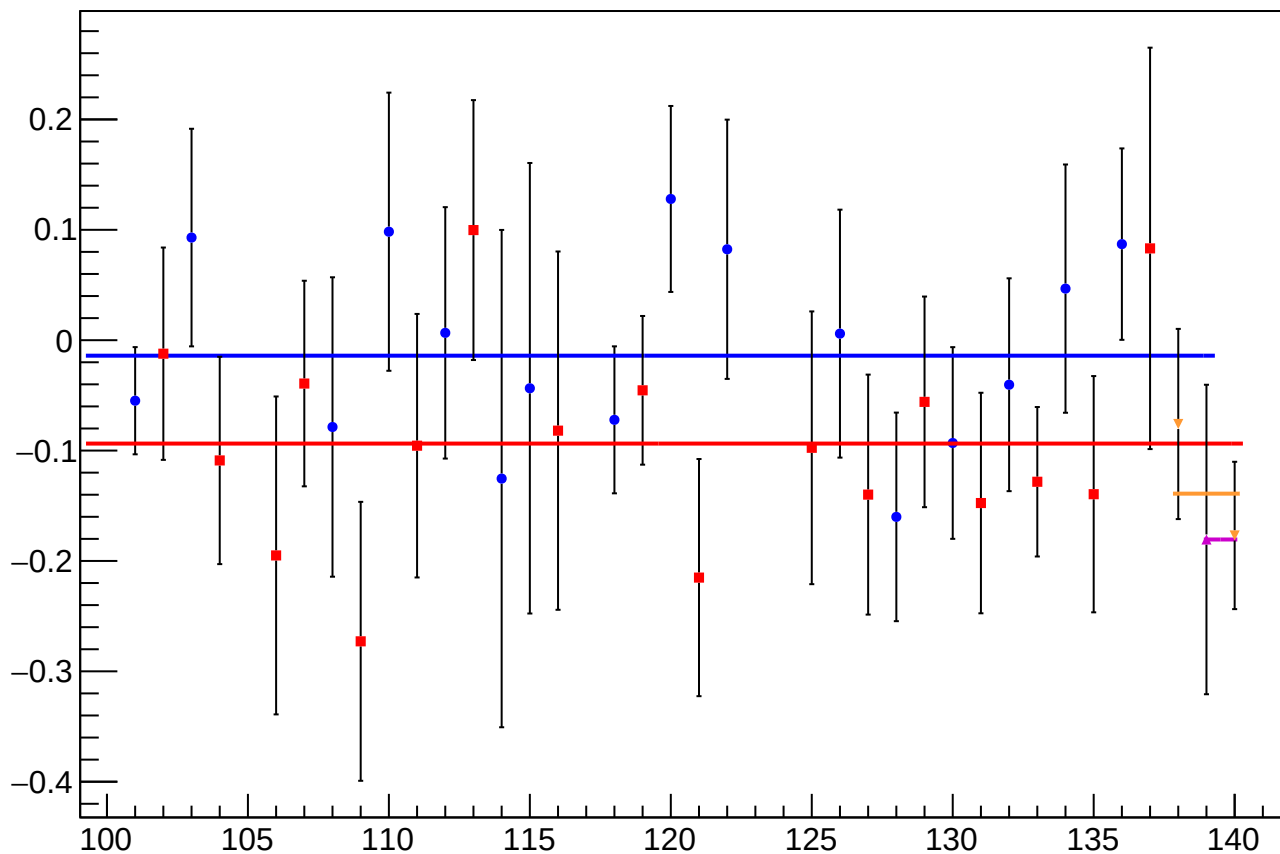
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.009 $\pm$ 0.057 χ^2/NDF : 0.1/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.004 $\pm$ 0.077 χ^2/NDF : 0.0/0

Left: 0.004 $\pm$ 0.046 χ^2/NDF : 0.2/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.004 $\pm$ 0.077 χ^2/NDF : 0.0/0
 Out: 0.009 $\pm$ 0.057 χ^2/NDF : 0.1/1
 All: 0.004 $\pm$ 0.046 χ^2/NDF : 0.2/2

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.139 ± 0.053 χ^2/NDF : 0.9/1

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.181 ± 0.140 χ^2/NDF : 0.0/0

Left: -0.144 ± 0.049 χ^2/NDF : 0.9/2

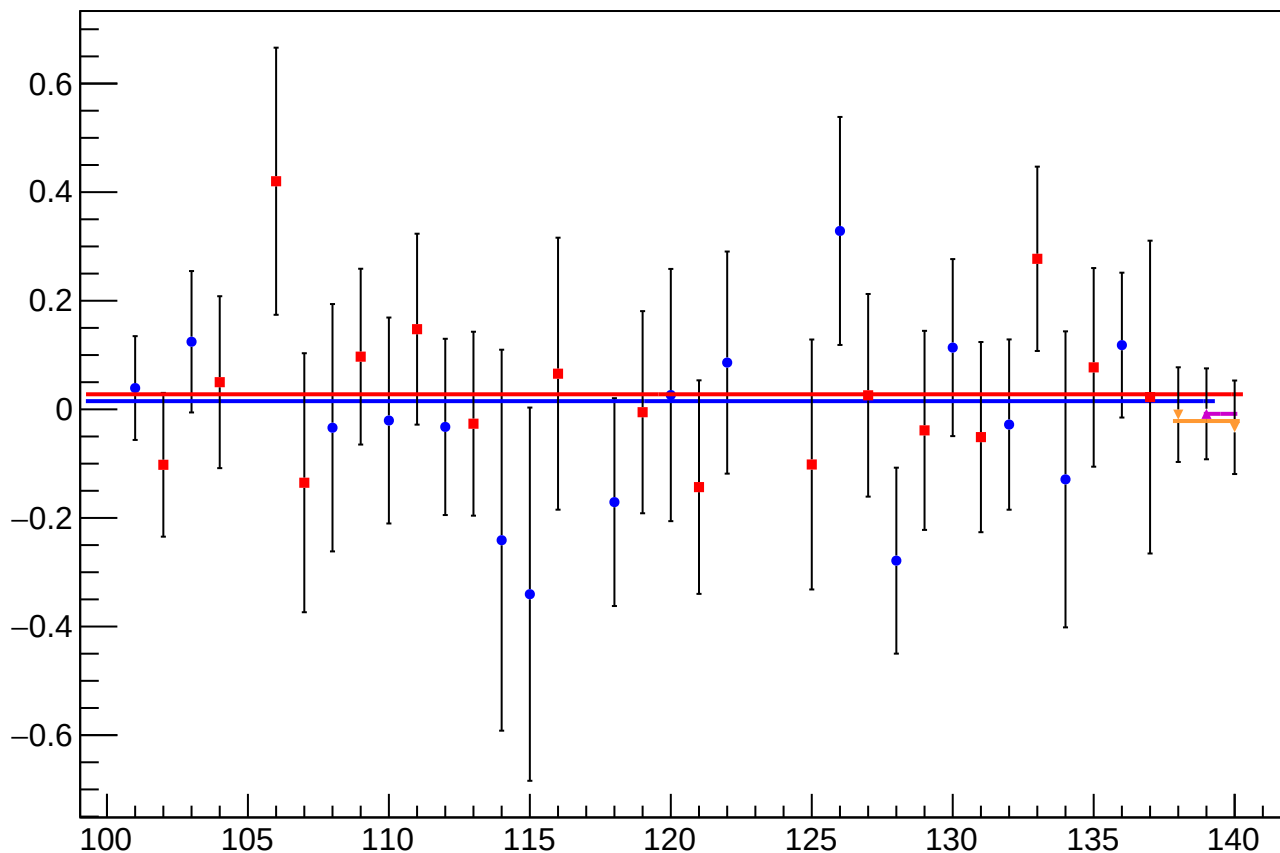
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.018 ± 0.023 χ^2/NDF : 13.8/16

Out: -0.102 ± 0.022 χ^2/NDF : 11.6/18

All: -0.061 ± 0.016 χ^2/NDF : 32.1/35

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: -0.022+/-0.061 χ^2/NDF : 0.0/1

Right Out: 0.028+/-0.045 χ^2/NDF : 8.4/16

Left In: -0.008+/-0.084 χ^2/NDF : 0.0/0

Left: -0.017+/-0.049 χ^2/NDF : 0.1/2

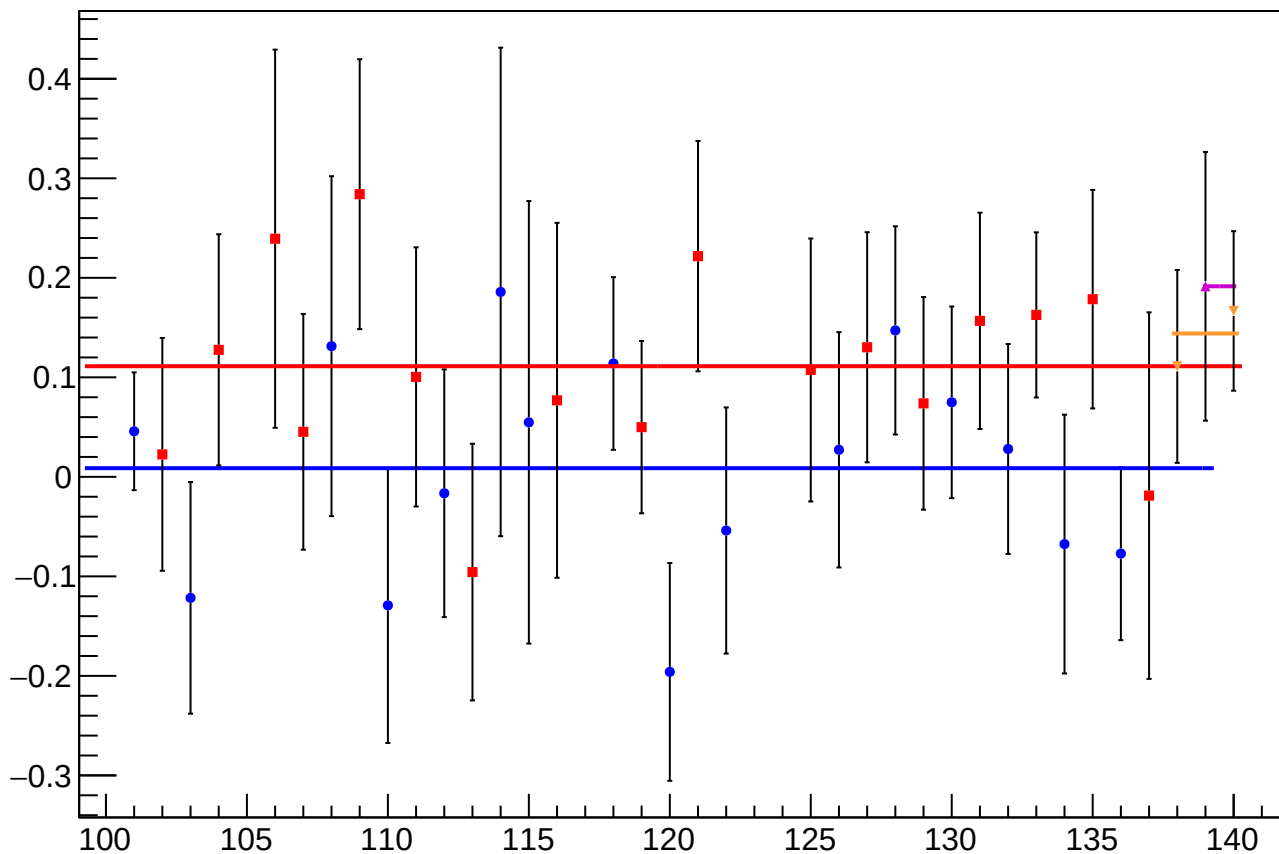
Right: 0.021+/-0.031 χ^2/NDF : 18.6/32

In: 0.010+/-0.038 χ^2/NDF : 10.2/16

Out: 0.010+/-0.036 χ^2/NDF : 8.9/18

All: 0.010+/-0.026 χ^2/NDF : 19.1/35

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.144 $\pm$ 0.062 χ^2 /NDF: 0.2/1

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.191 $\pm$ 0.135 χ^2 /NDF: 0.0/0

Left: 0.152 $\pm$ 0.056 χ^2 /NDF: 0.3/2

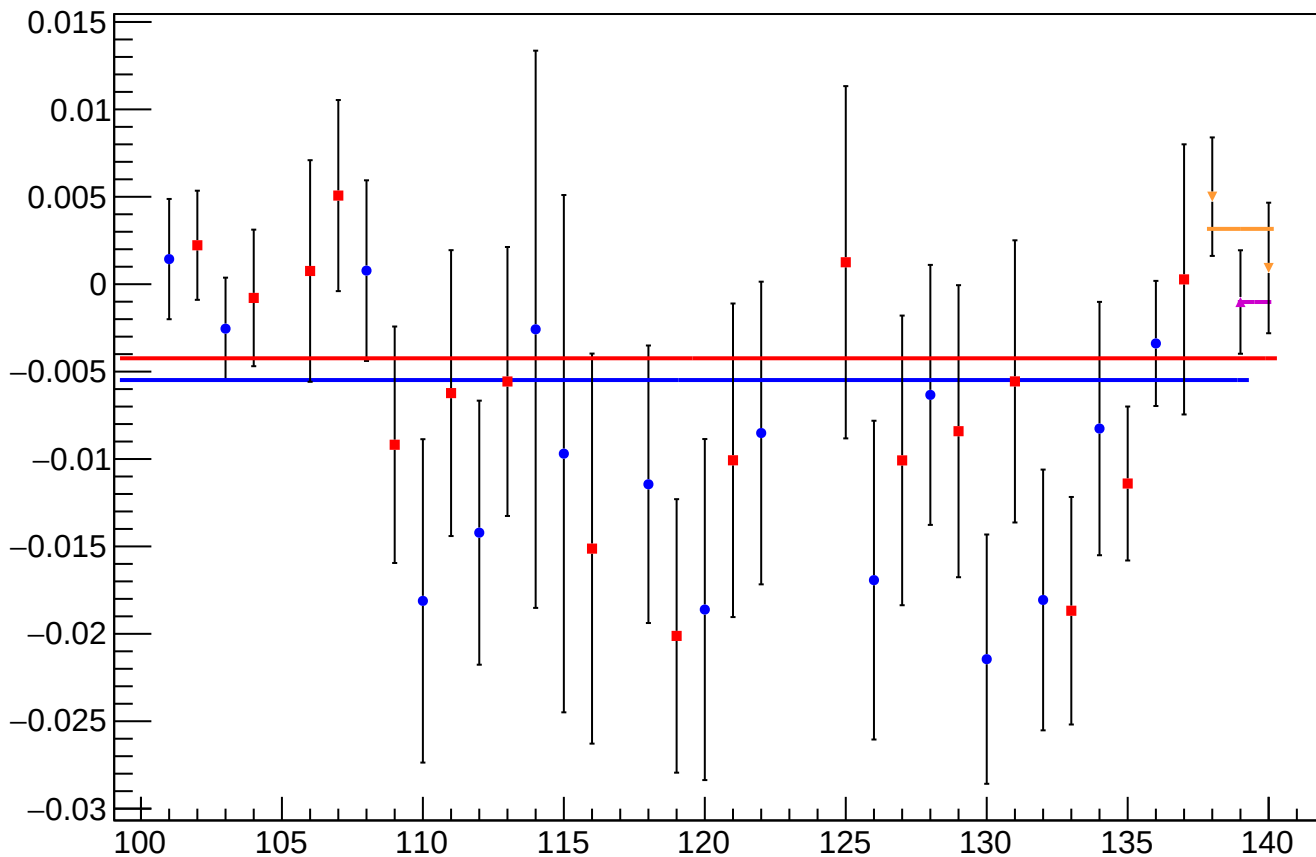
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.016 $\pm$ 0.026 χ^2 /NDF: 14.3/16

Out: 0.117 $\pm$ 0.026 χ^2 /NDF: 9.0/18

All: 0.067 $\pm$ 0.019 χ^2 /NDF: 30.9/35

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.003 ± 0.003 χ^2/NDF : 0.7/1

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.003 χ^2/NDF : 0.0/0

Left: 0.001 ± 0.002 χ^2/NDF : 1.8/2

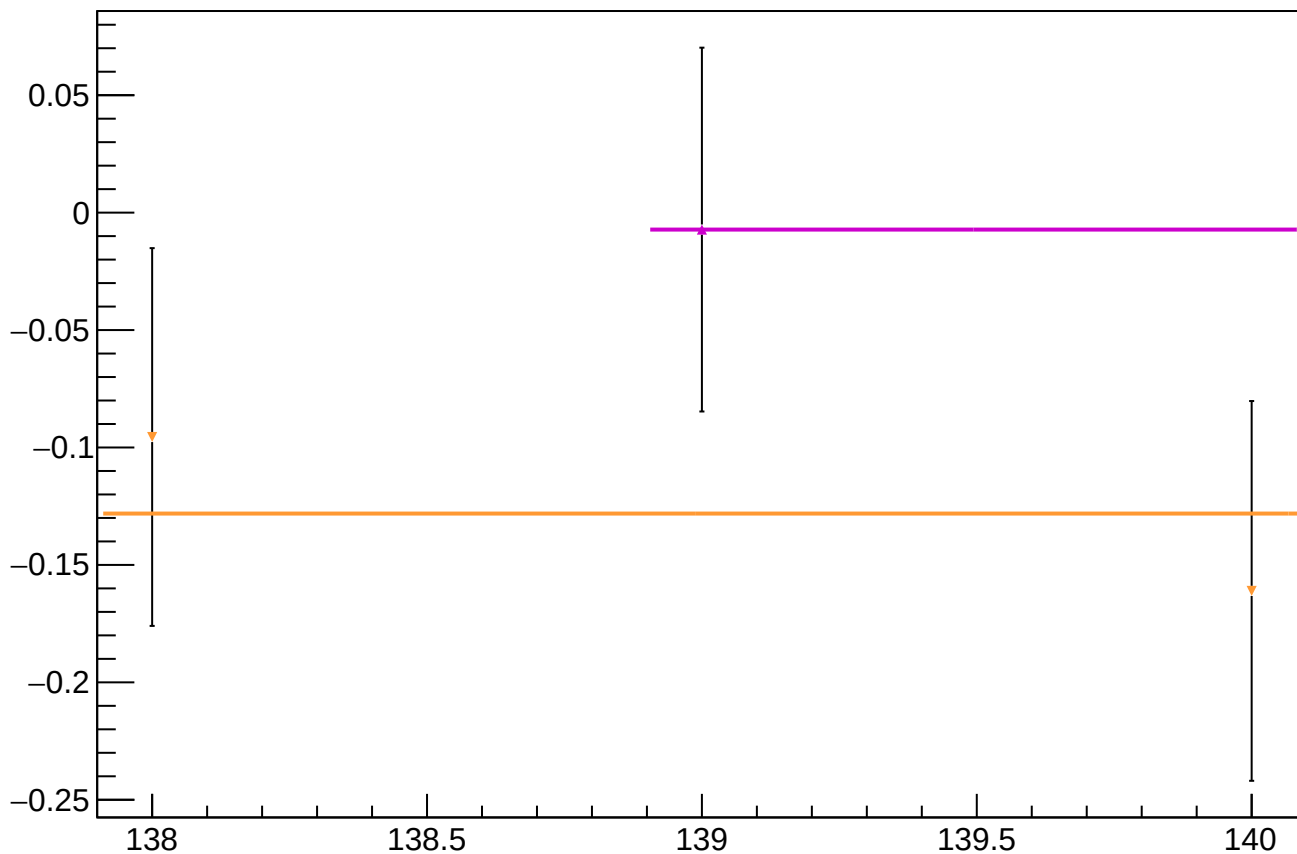
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.005 ± 0.001 χ^2/NDF : 24.1/16

Out: -0.002 ± 0.001 χ^2/NDF : 30.8/18

All: -0.003 ± 0.001 χ^2/NDF : 56.5/35

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.128 $\pm$ 0.057 χ^2 /NDF: 0.3/1

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

Left In: -0.007 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left: -0.086 $\pm$ 0.046 χ^2 /NDF: 1.9/2

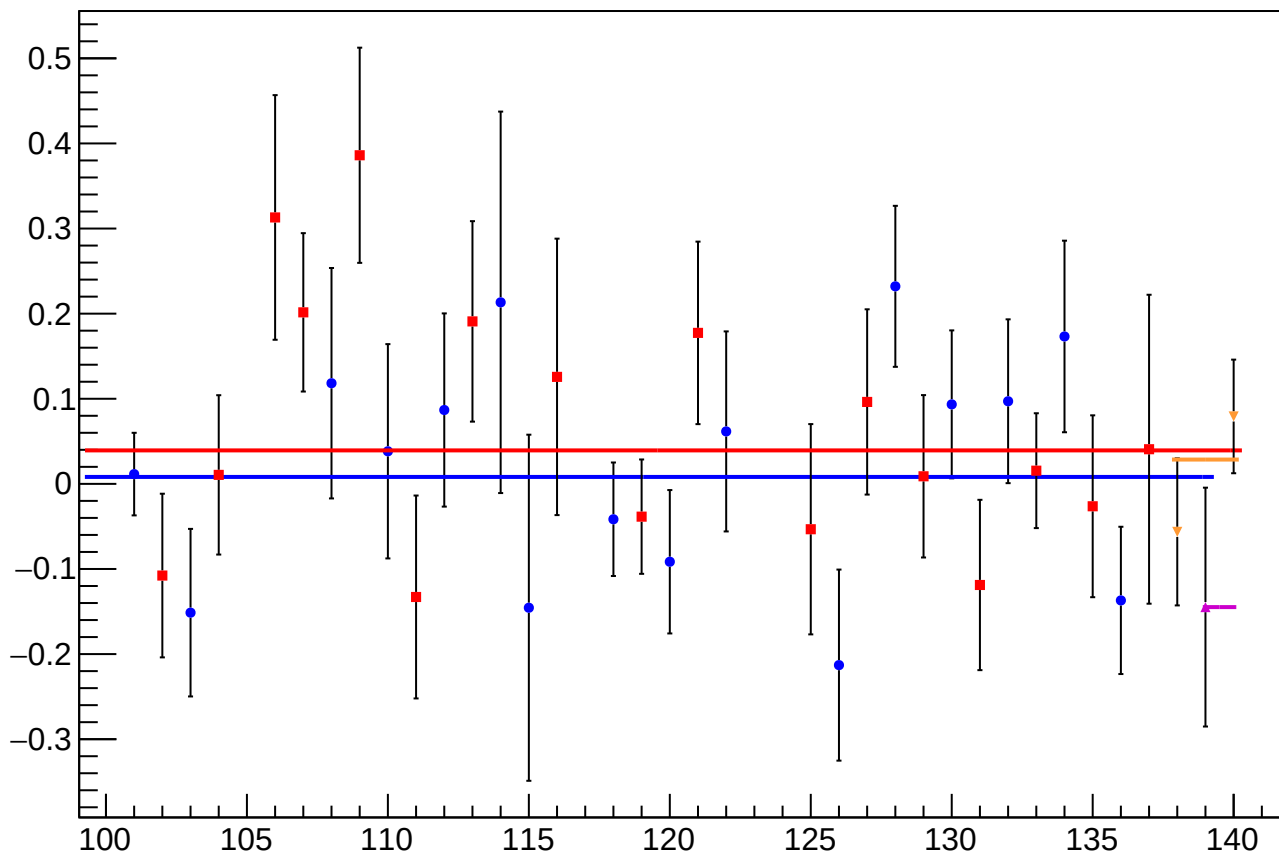
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.007 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Out: -0.128 $\pm$ 0.057 χ^2 /NDF: 0.3/1

All: -0.086 $\pm$ 0.046 χ^2 /NDF: 1.9/2

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.029 $\pm$ 0.053 χ^2 /NDF:1.5/1

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: -0.145 $\pm$ 0.140 χ^2 /NDF:0.0/0

Left: 0.007 $\pm$ 0.049 χ^2 /NDF: 2.9/2

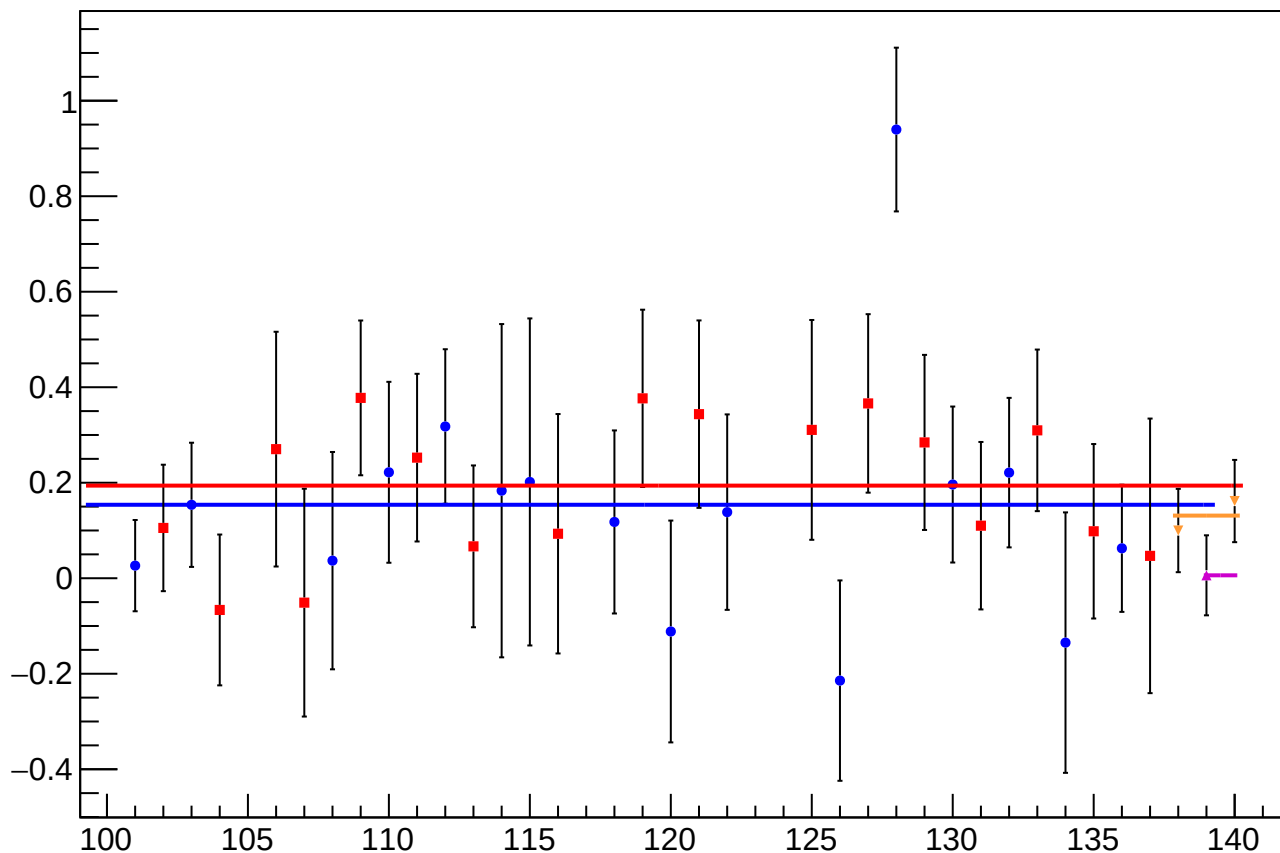
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.004 $\pm$ 0.023 χ^2 /NDF:24.8/16

Out: 0.037 $\pm$ 0.022 χ^2 /NDF:29.2/18

All: 0.021 $\pm$ 0.016 χ^2 /NDF: 55.1/35

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.131 $\pm$ 0.061 χ^2 /NDF: 0.3/1

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.006 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left: 0.088 $\pm$ 0.049 χ^2 /NDF: 1.7/2

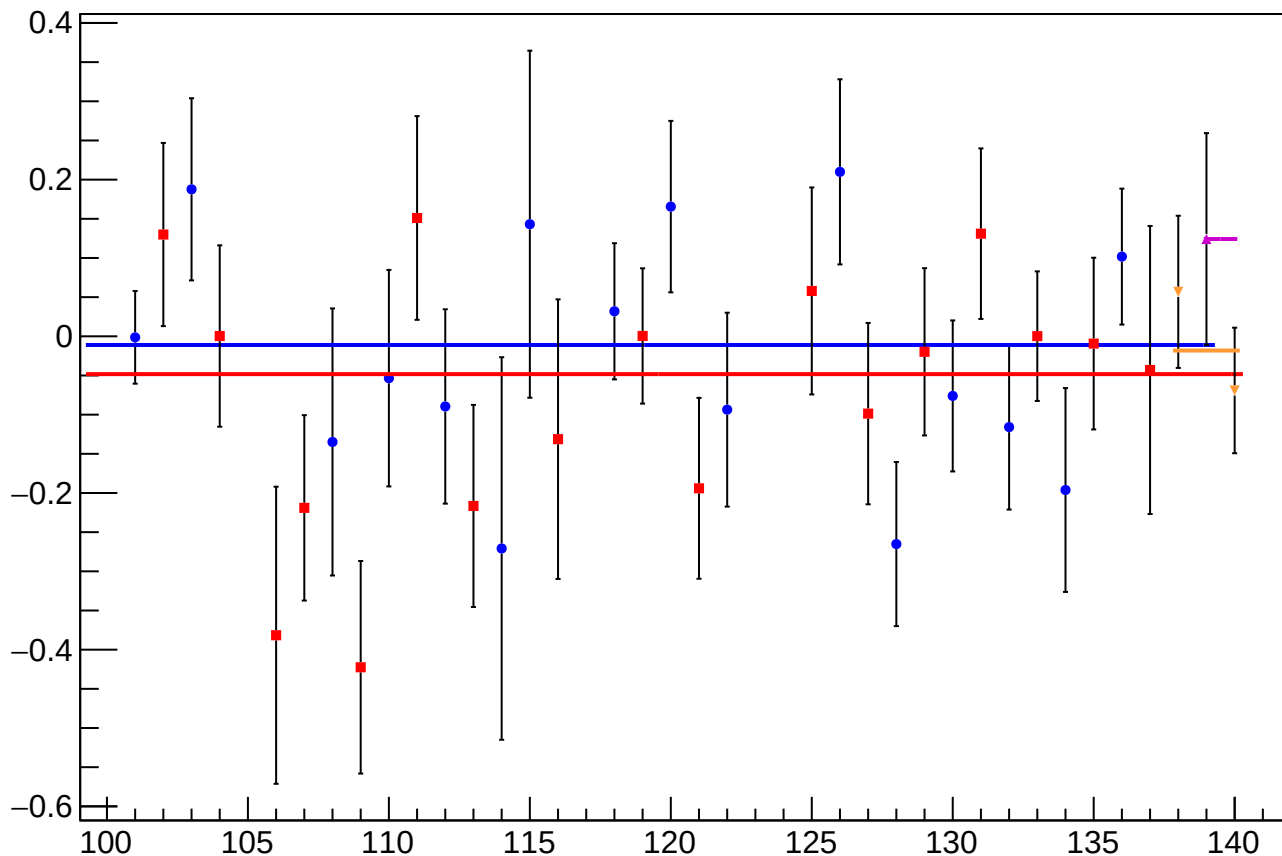
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.123 $\pm$ 0.038 χ^2 /NDF: 33.0/16

Out: 0.172 $\pm$ 0.036 χ^2 /NDF: 11.5/18

All: 0.149 $\pm$ 0.026 χ^2 /NDF: 45.3/35

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.018 ± 0.062 χ^2/NDF : 1.0/1

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.124 ± 0.135 χ^2/NDF : 0.0/0

Left: 0.006 ± 0.056 χ^2/NDF : 1.9/2

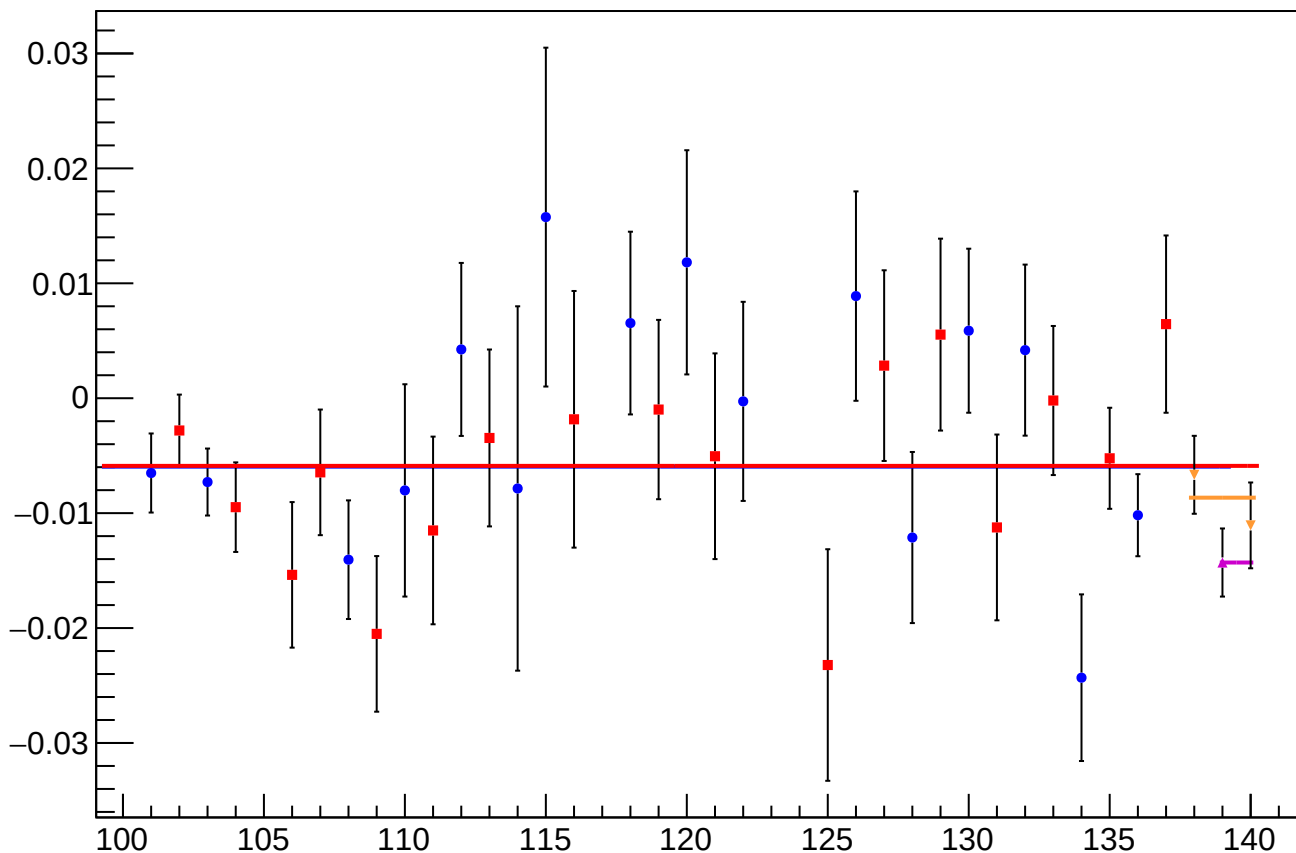
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.006 ± 0.026 χ^2/NDF : 24.4/16

Out: -0.043 ± 0.026 χ^2/NDF : 26.7/18

All: -0.025 ± 0.018 χ^2/NDF : 52.1/35

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.003 χ^2/NDF : 0.8/1

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.014 ± 0.003 χ^2/NDF : 0.0/0

Left: -0.011 ± 0.002 χ^2/NDF : 2.9/2

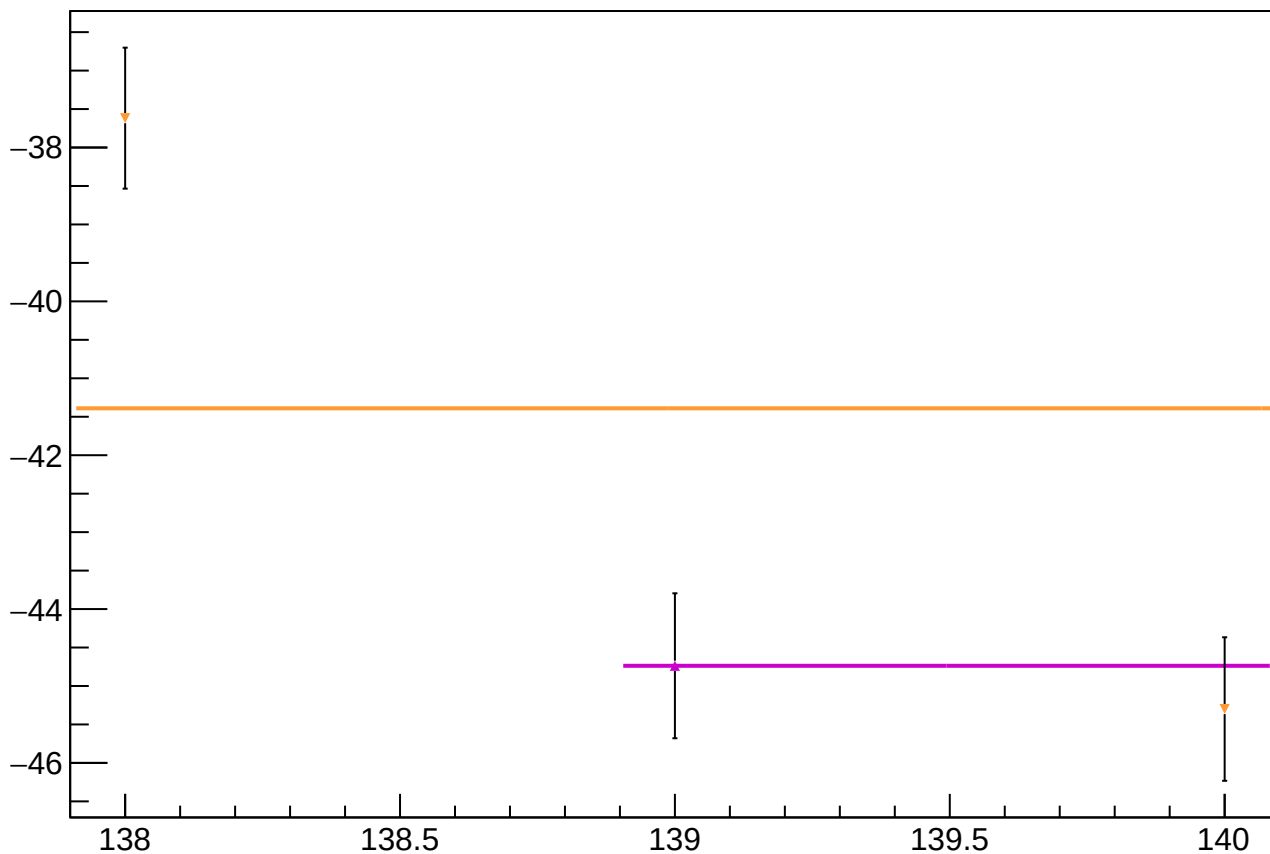
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 35.2/16

Out: -0.007 ± 0.001 χ^2/NDF : 21.2/18

All: -0.007 ± 0.001 χ^2/NDF : 56.7/35

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

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

Left In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Left: -42.478+/-0.537 χ^2/NDF : 43.0/2

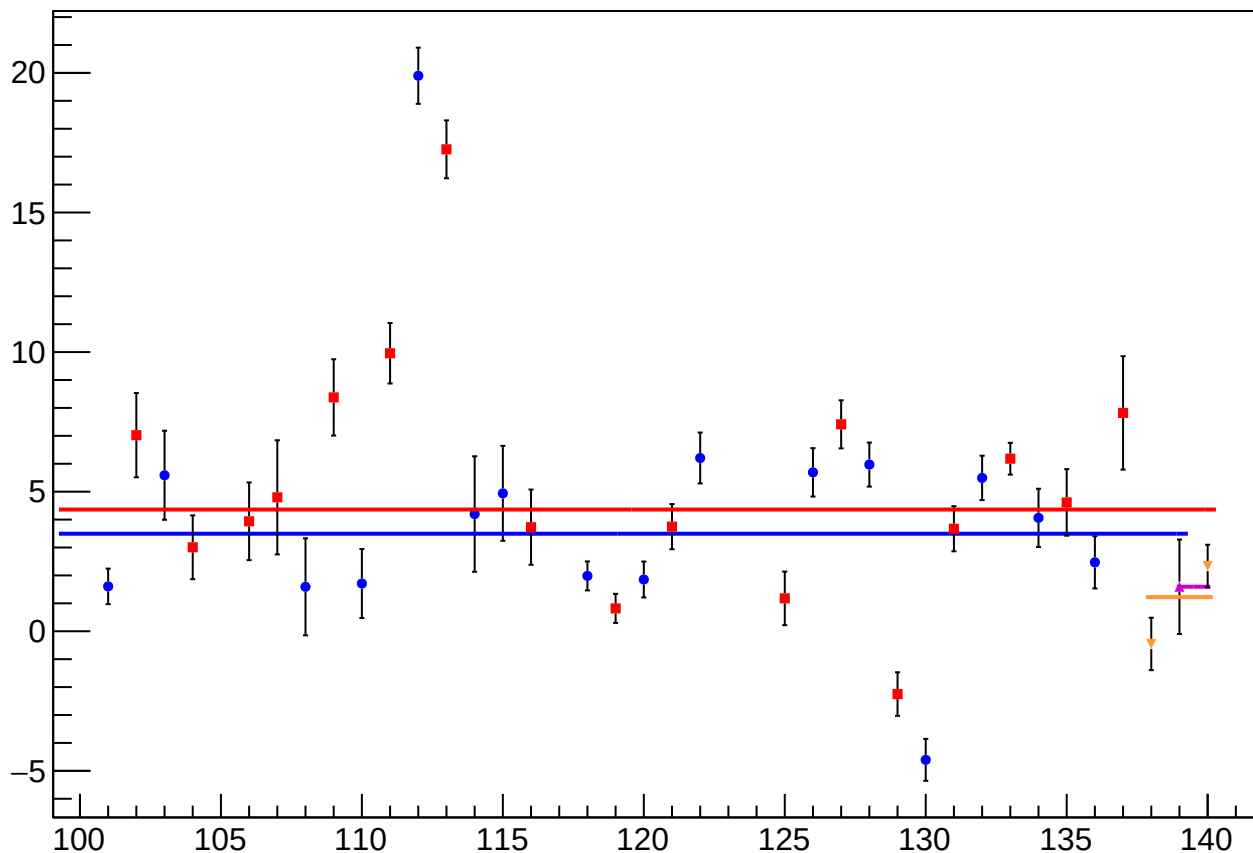
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.737+/-0.942 χ^2/NDF : 0.0/0

Out: -41.390+/-0.654 χ^2/NDF : 34.5/1

All: -42.478+/-0.537 χ^2/NDF : 43.0/2

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.224 $\pm$ 0.593 χ^2 /NDF:5.3/1

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.594 $\pm$ 1.690 χ^2 /NDF:0.0/0

Left: 1.264 $\pm$ 0.559 χ^2 /NDF: 5.3/2

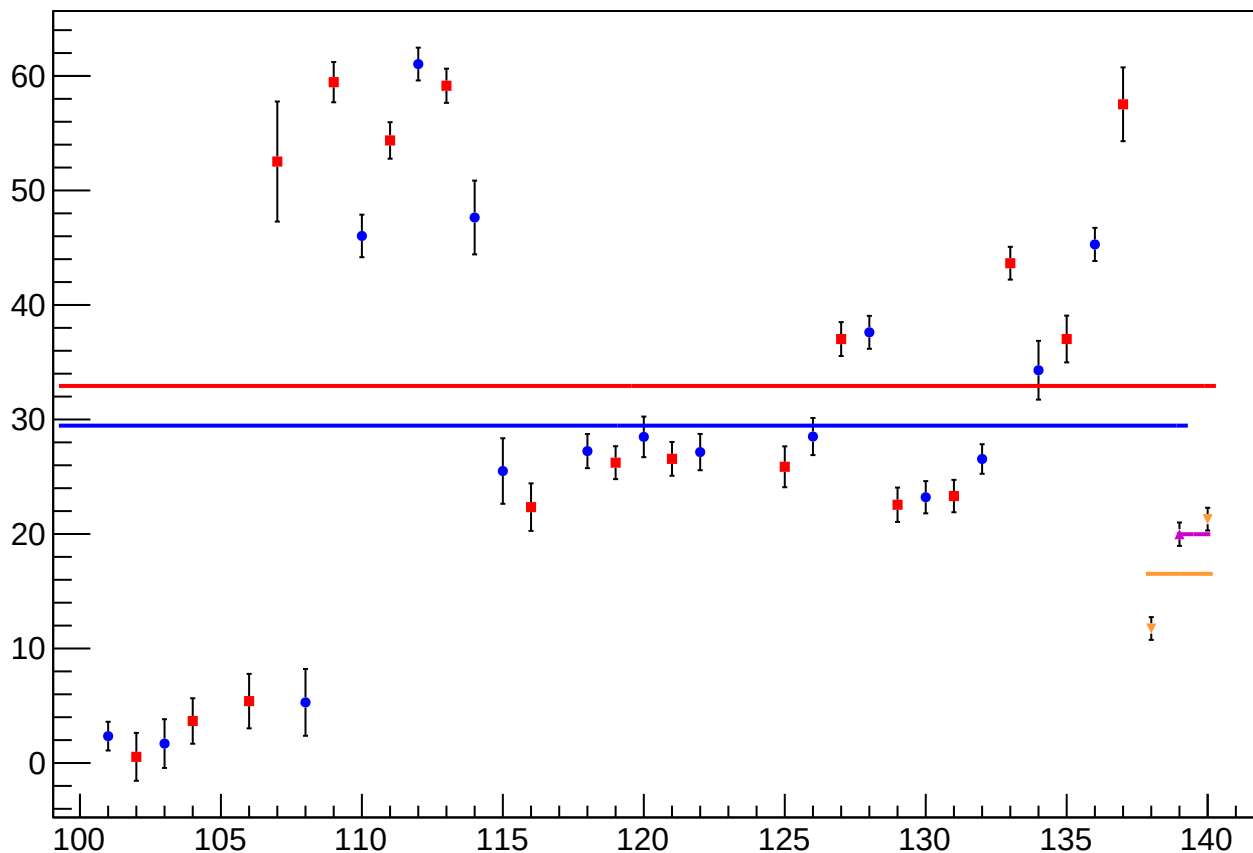
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 3.463 $\pm$ 0.216 χ^2 /NDF:446.1/16

Out: 3.964 $\pm$ 0.211 χ^2 /NDF:380.7/18

All: 3.720 $\pm$ 0.151 χ^2 /NDF: 829.6/35

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 16.523+/-0.703 χ^2/NDF : 46.2/1

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 19.981+/-1.021 χ^2/NDF : 0.0/0

Left: 17.634+/-0.579 χ^2/NDF : 54.0/2

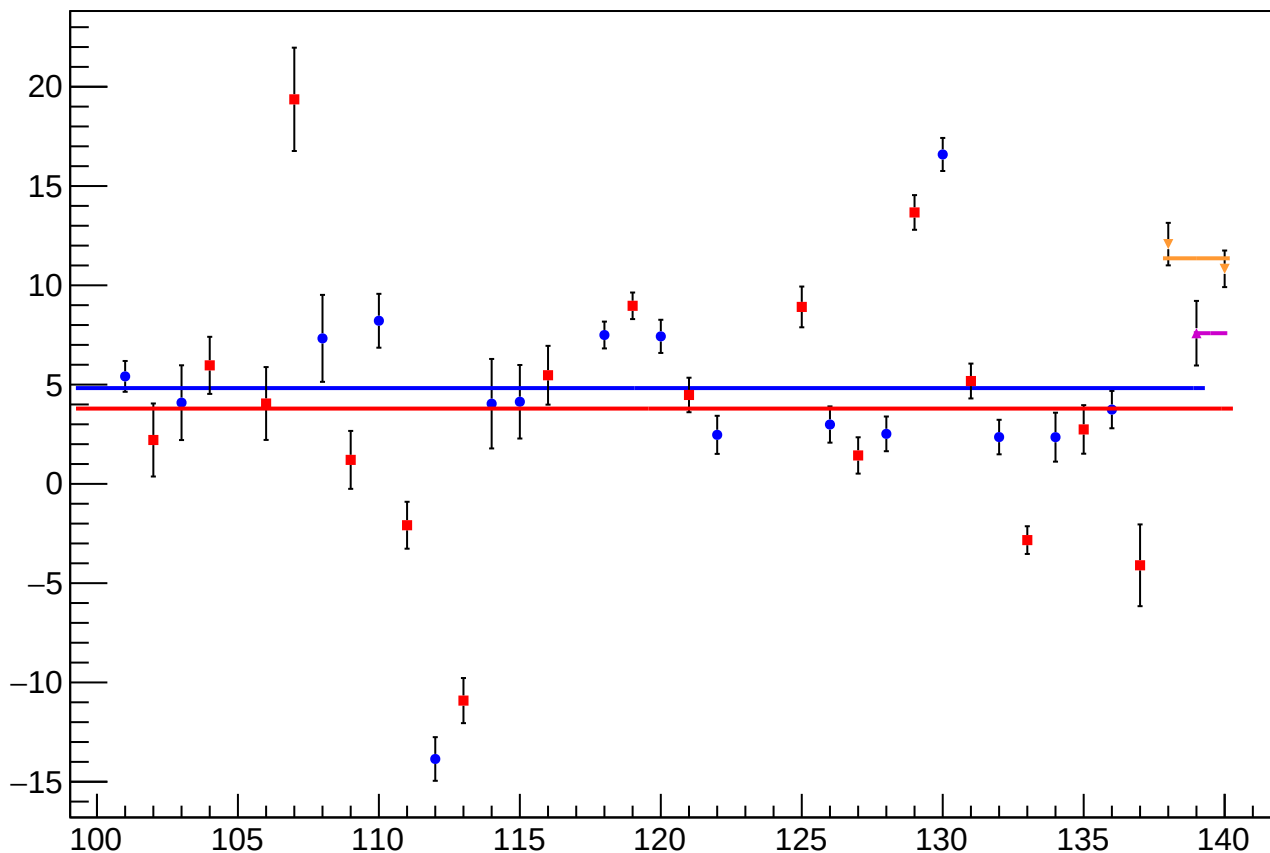
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 28.104+/-0.386 χ^2/NDF : 1565.5/16

Out: 28.557+/-0.363 χ^2/NDF : 2070.7/18

All: 28.345+/-0.264 χ^2/NDF : 3636.9/35

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824+/-0.252 χ^2/NDF : 552.9/15

Left Out: 11.360+/-0.698 χ^2/NDF : 0.8/1

Right Out: 3.792+/-0.259 χ^2/NDF : 563.6/16

Left In: 7.588+/-1.627 χ^2/NDF : 0.0/0

Left: 10.773+/-0.642 χ^2/NDF : 5.3/2

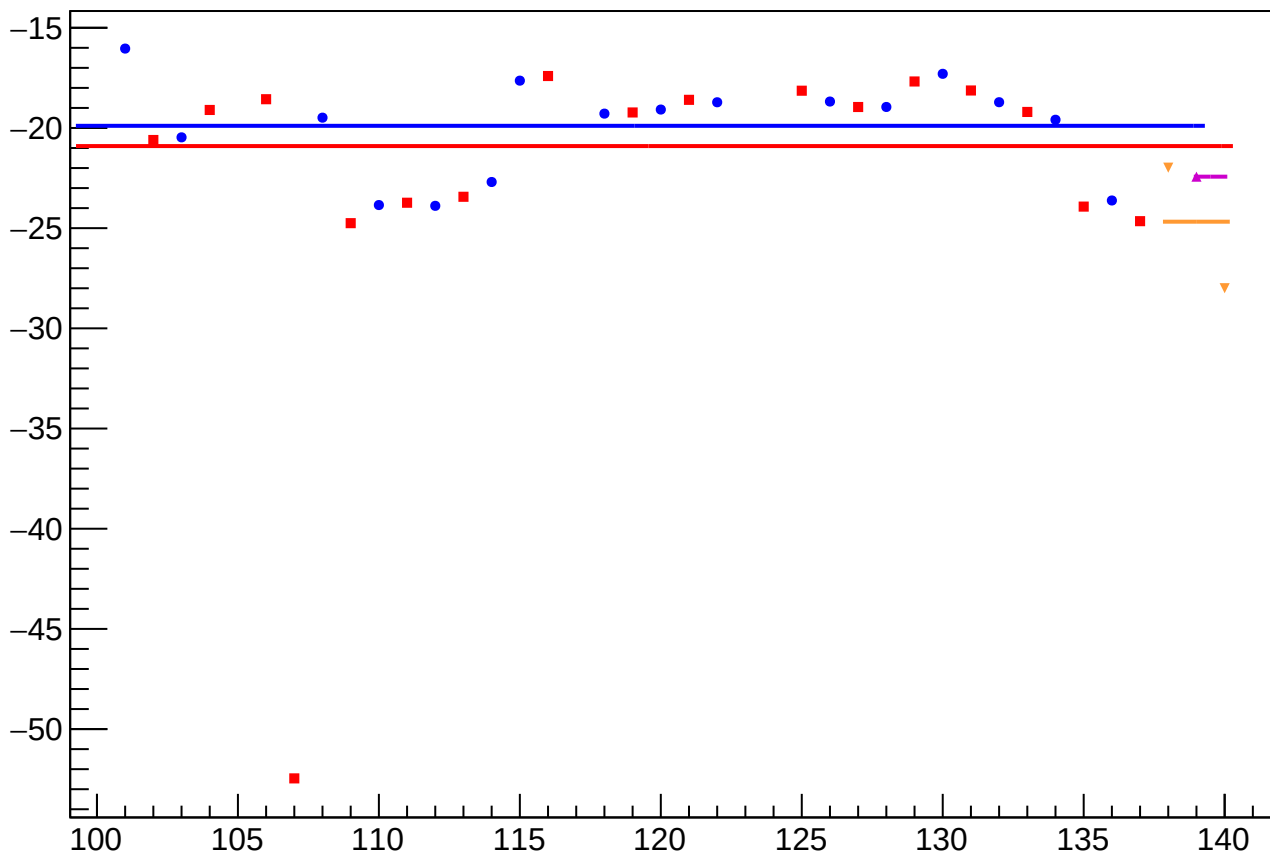
Right: 4.323+/-0.180 χ^2/NDF : 1124.7/32

In: 4.889+/-0.249 χ^2/NDF : 555.8/16

Out: 4.707+/-0.243 χ^2/NDF : 667.7/18

All: 4.796+/-0.174 χ^2/NDF : 1223.7/35

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -24.677 $\pm$ 0.029 χ^2 /NDF:10615.1/1

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -22.430 $\pm$ 0.036 χ^2 /NDF:0.0/0

Left: -23.785 $\pm$ 0.023 χ^2 /NDF: 12993.8/2

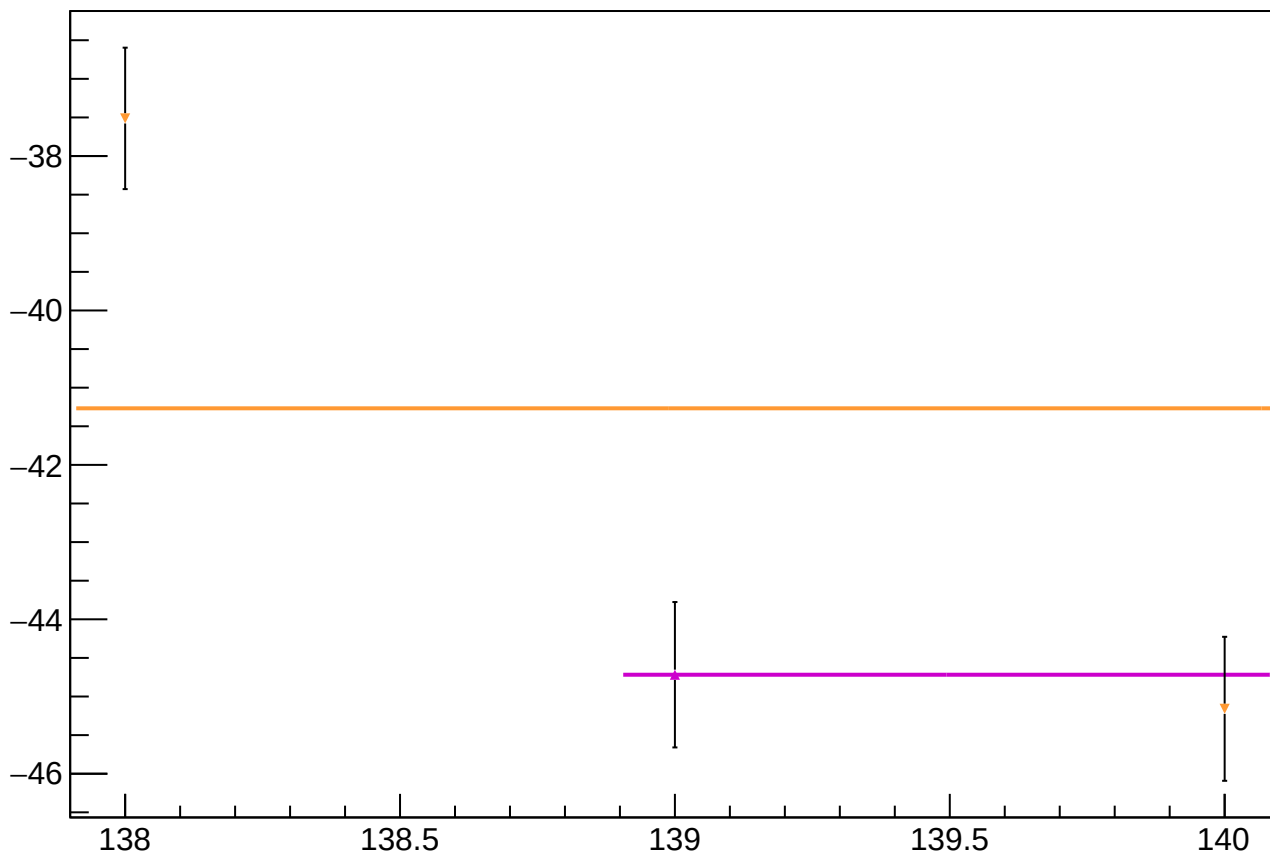
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -20.297 $\pm$ 0.014 χ^2 /NDF:30322.5/16

Out: -21.760 $\pm$ 0.014 χ^2 /NDF:116470.7/18

All: -21.052 $\pm$ 0.010 χ^2 /NDF: 152203.3/35

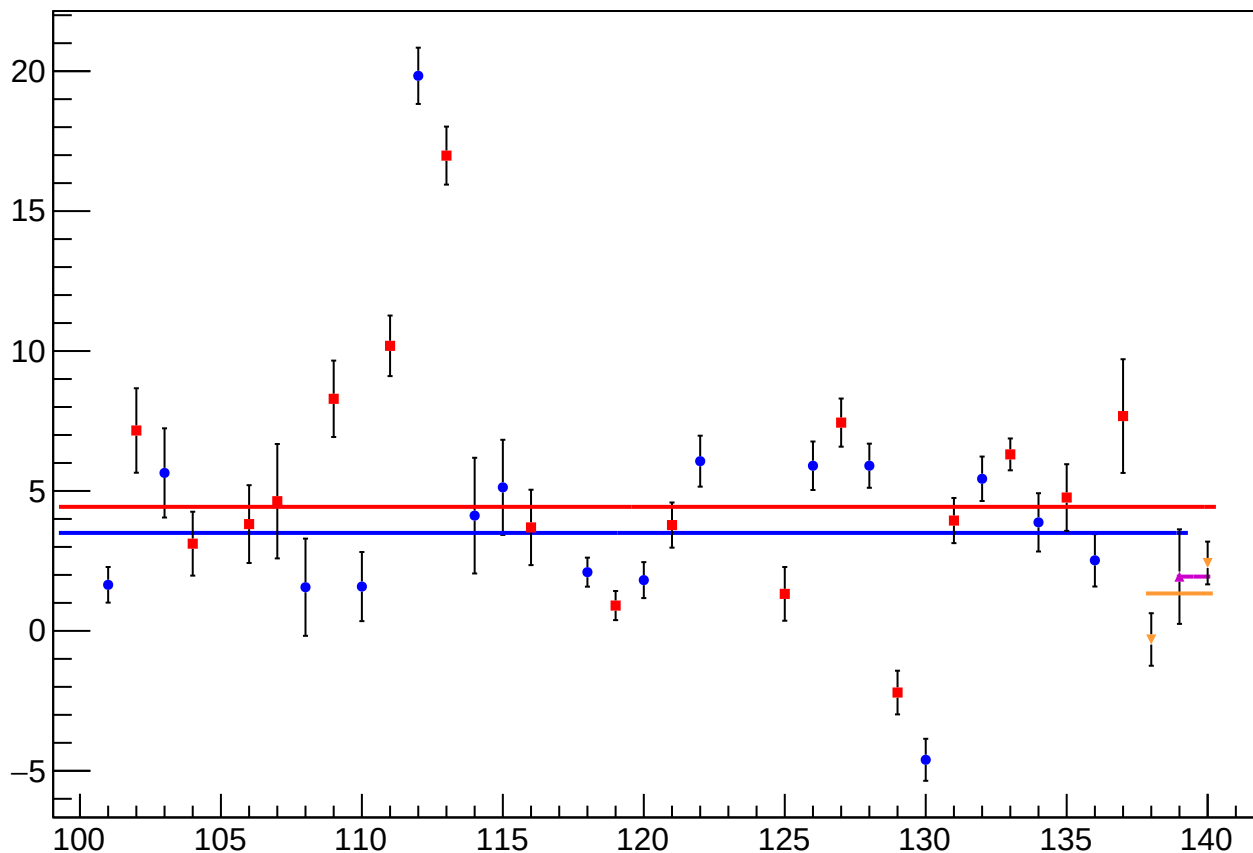
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.267+/-0.653 χ^2/NDF : 34.2/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.718+/-0.942 χ^2/NDF : 0.0/0

Left: -42.389+/-0.537 χ^2/NDF : 43.3/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -44.718+/-0.942 χ^2/NDF : 0.0/0
 Out: -41.267+/-0.653 χ^2/NDF : 34.2/1
 All: -42.389+/-0.537 χ^2/NDF : 43.3/2

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.337 ± 0.592 χ^2/NDF : 5.1/1

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.940 ± 1.689 χ^2/NDF : 0.0/0

Left: 1.403 ± 0.559 χ^2/NDF : 5.2/2

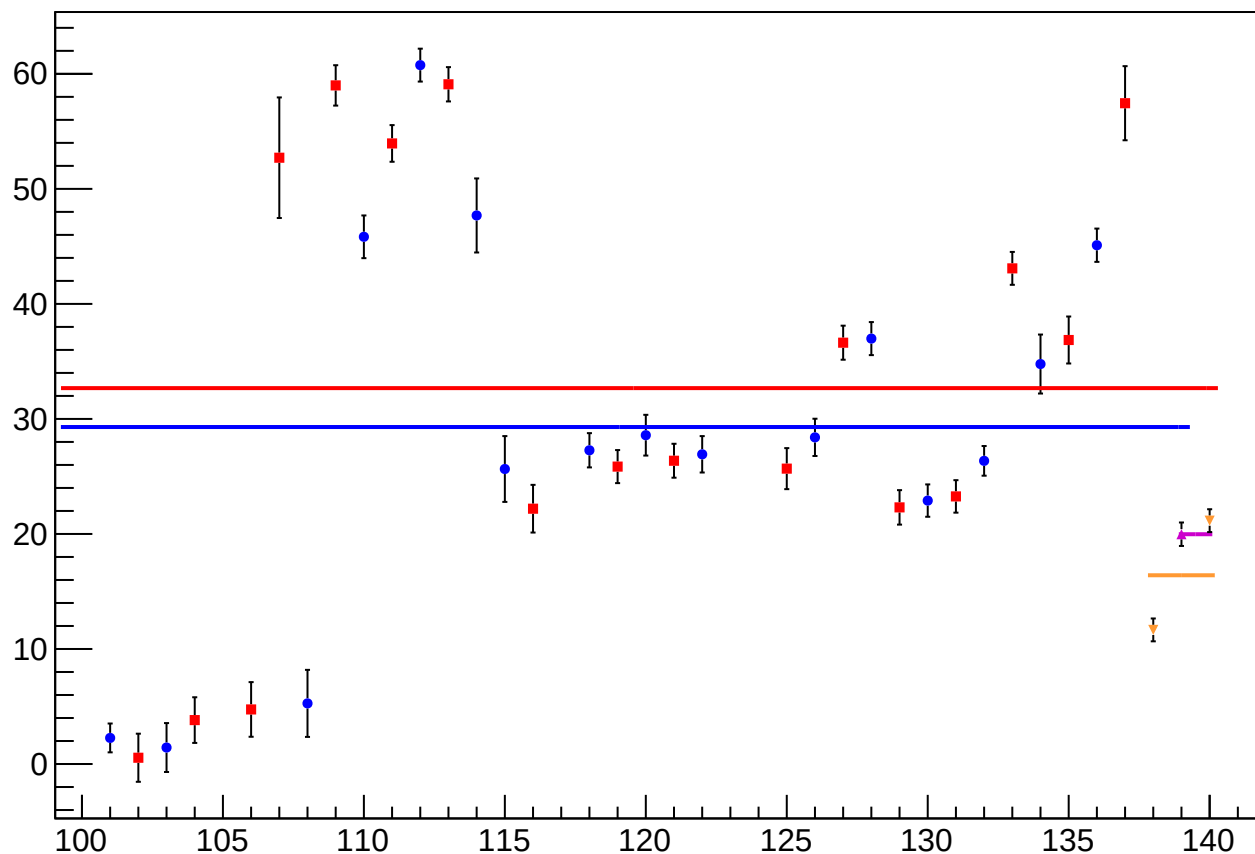
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 3.476 ± 0.216 χ^2/NDF : 442.7/16

Out: 4.041 ± 0.210 χ^2/NDF : 372.5/18

All: 3.765 ± 0.151 χ^2/NDF : 818.8/35

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2 /NDF: 1485.2/15

Left Out: 16.409+/-0.702 χ^2 /NDF:45.7/1

Right Out: 32.679+/-0.423 χ^2 /NDF: 1614.8/16

Left In: 19.976+/-1.020 χ^2 /NDF:0.0/0

Left: 17.555+/-0.578 χ^2 /NDF: 54.0/2

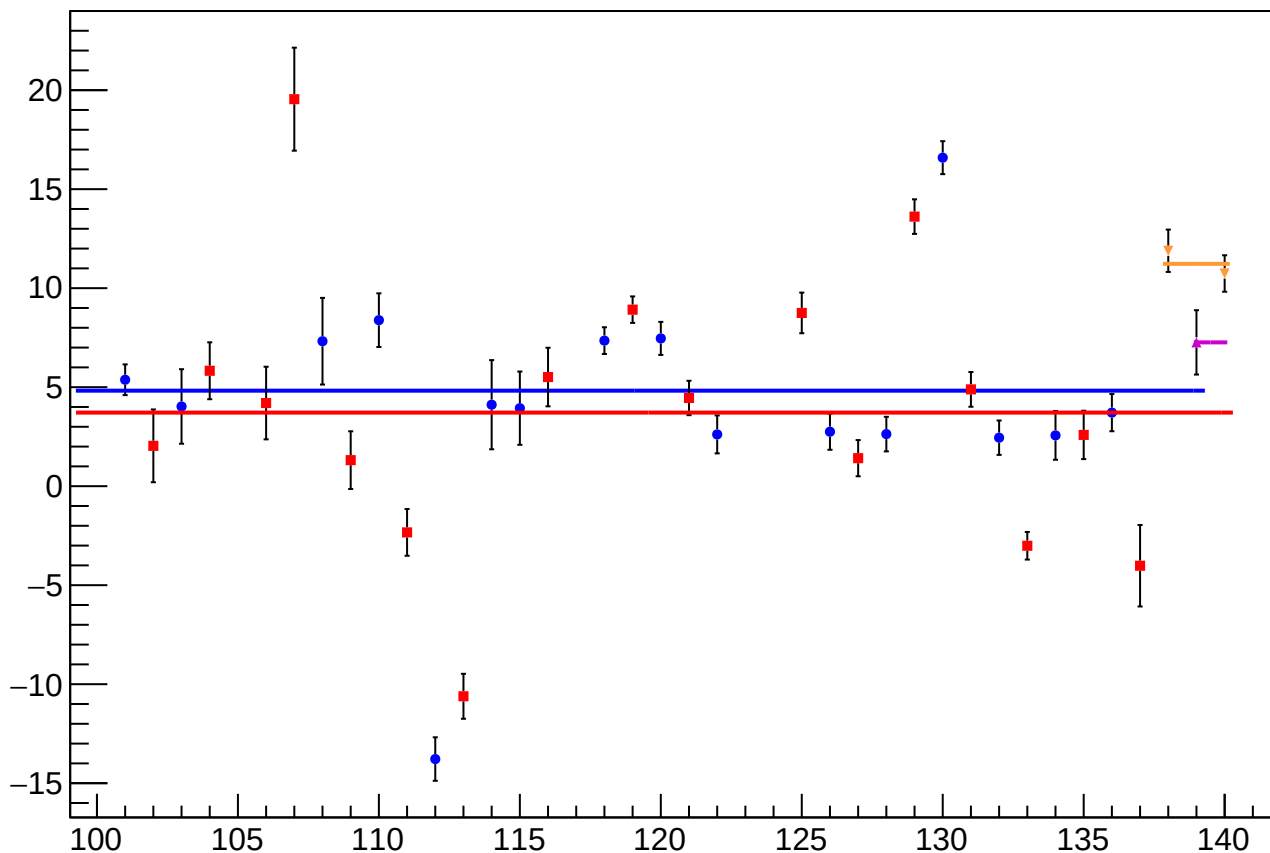
Right: 30.964+/-0.297 χ^2 /NDF: 3132.4/32

In: 27.961+/-0.386 χ^2 /NDF:1556.7/16

Out: 28.343+/-0.362 χ^2 /NDF:2054.3/18

All: 28.165+/-0.264 χ^2 /NDF: 3611.6/35

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824+/-0.252 χ^2/NDF : 549.2/15

Left Out: 11.230+/-0.698 χ^2/NDF : 0.7/1

Right Out: 3.716+/-0.259 χ^2/NDF : 559.9/16

Left In: 7.262+/-1.625 χ^2/NDF : 0.0/0

Left: 10.612+/-0.641 χ^2/NDF : 5.7/2

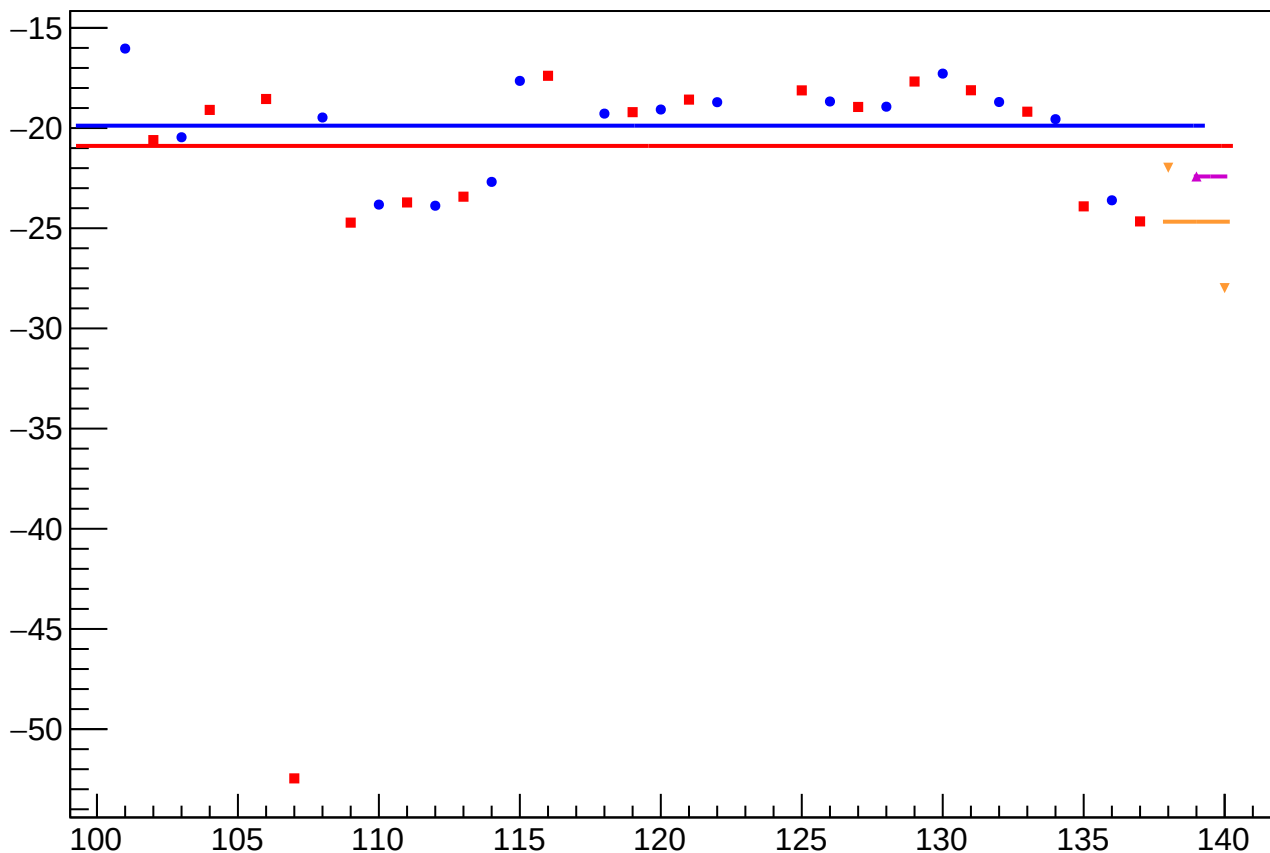
Right: 4.286+/-0.180 χ^2/NDF : 1118.6/32

In: 4.881+/-0.249 χ^2/NDF : 551.4/16

Out: 4.624+/-0.243 χ^2/NDF : 662.5/18

All: 4.750+/-0.174 χ^2/NDF : 1214.5/35

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -24.673 $\pm$ 0.029 χ^2 /NDF:10600.7/1

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -22.416 $\pm$ 0.036 χ^2 /NDF:0.0/0

Left: -23.776 $\pm$ 0.023 χ^2 /NDF: 13002.9/2

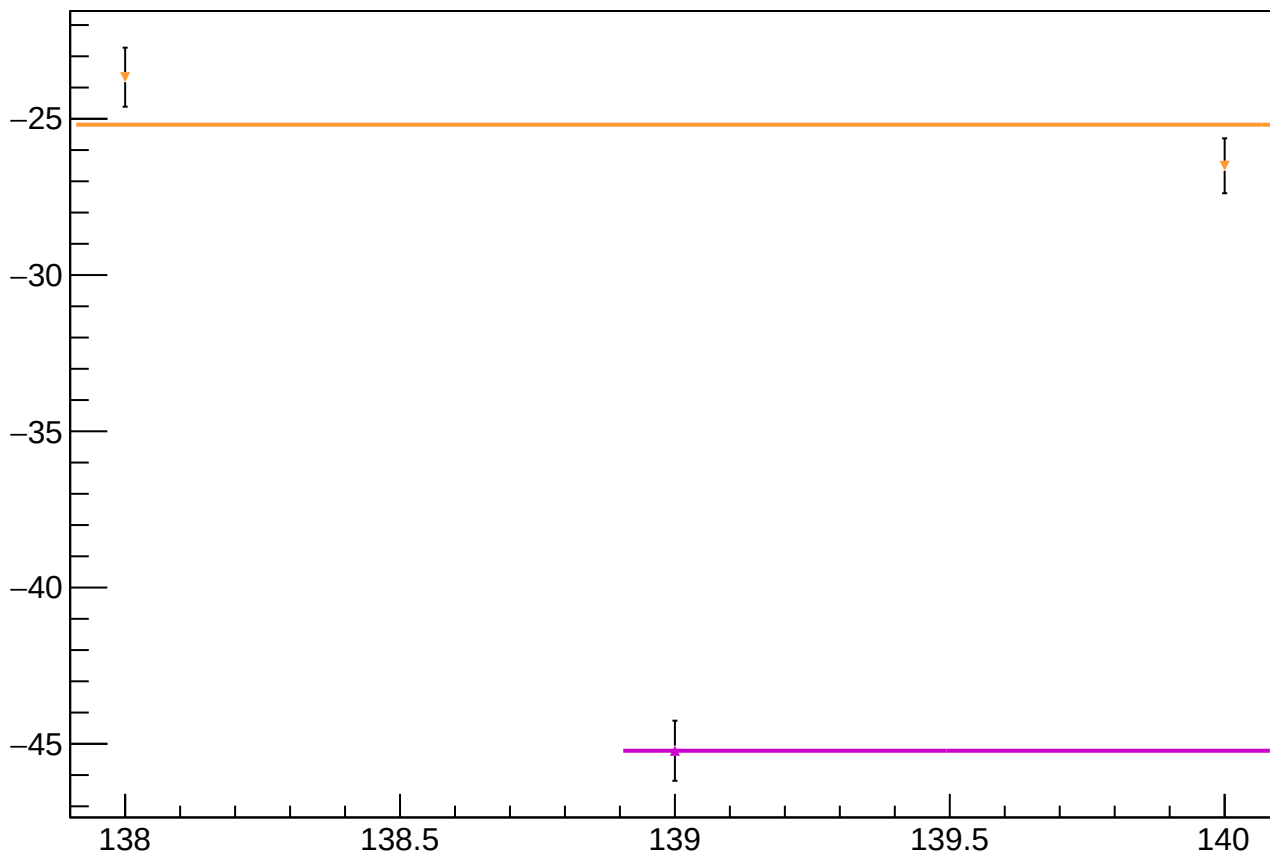
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -20.285 $\pm$ 0.014 χ^2 /NDF:30309.8/16

Out: -21.749 $\pm$ 0.014 χ^2 /NDF:116639.2/18

All: -21.041 $\pm$ 0.010 χ^2 /NDF: 152373.6/35

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.189 $\pm$ 0.643 χ^2/NDF : 4.8/1

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

Left In: -45.222 $\pm$ 0.962 χ^2/NDF : 0.0/0

Left: -31.378 $\pm$ 0.535 χ^2/NDF : 304.6/2

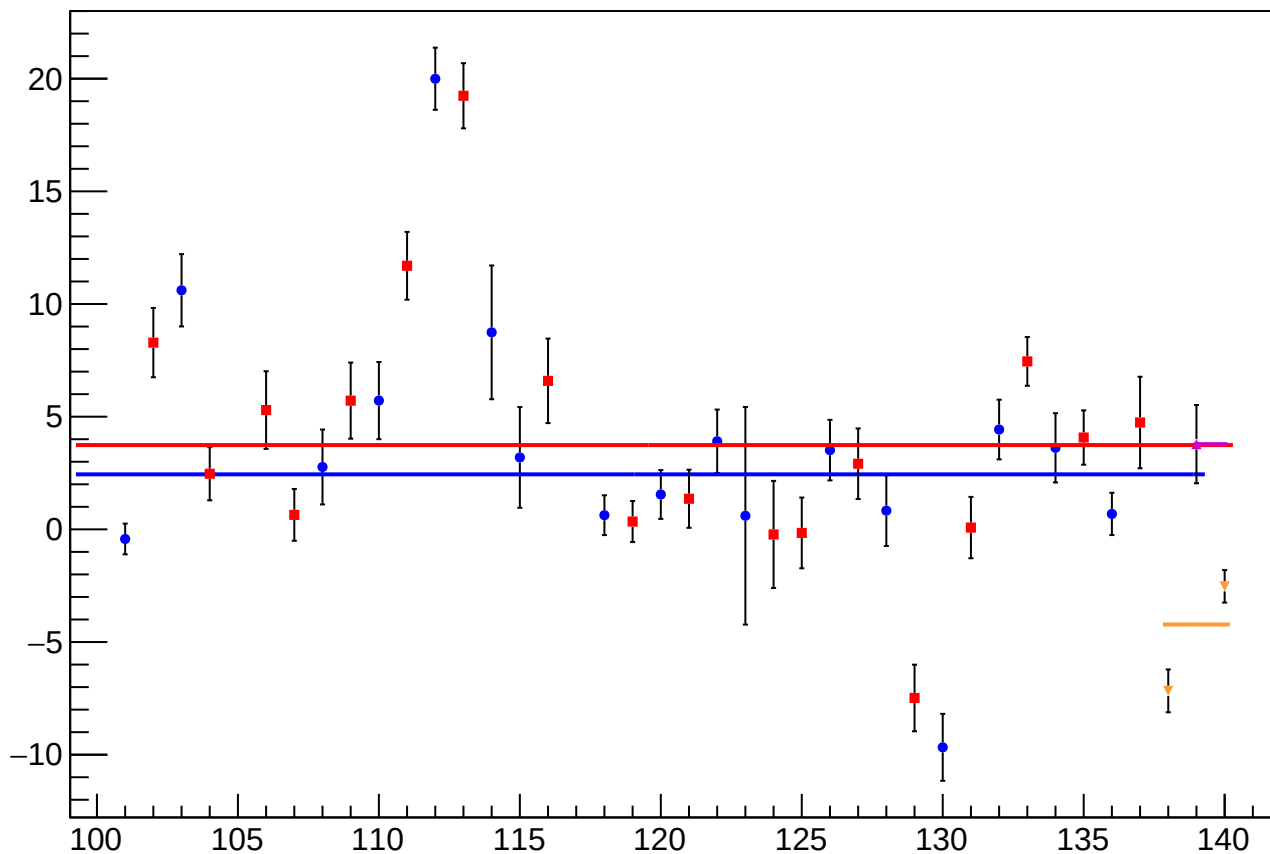
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -45.222 $\pm$ 0.962 χ^2/NDF : 0.0/0

Out: -25.189 $\pm$ 0.643 χ^2/NDF : 4.8/1

All: -31.378 $\pm$ 0.535 χ^2/NDF : 304.6/2

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: -4.221 $\pm$ 0.574 χ^2 /NDF:15.1/1

Right Out: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

Left In: 3.783 $\pm$ 1.736 χ^2 /NDF:0.0/0

Left: -3.432 $\pm$ 0.545 χ^2 /NDF: 34.3/2

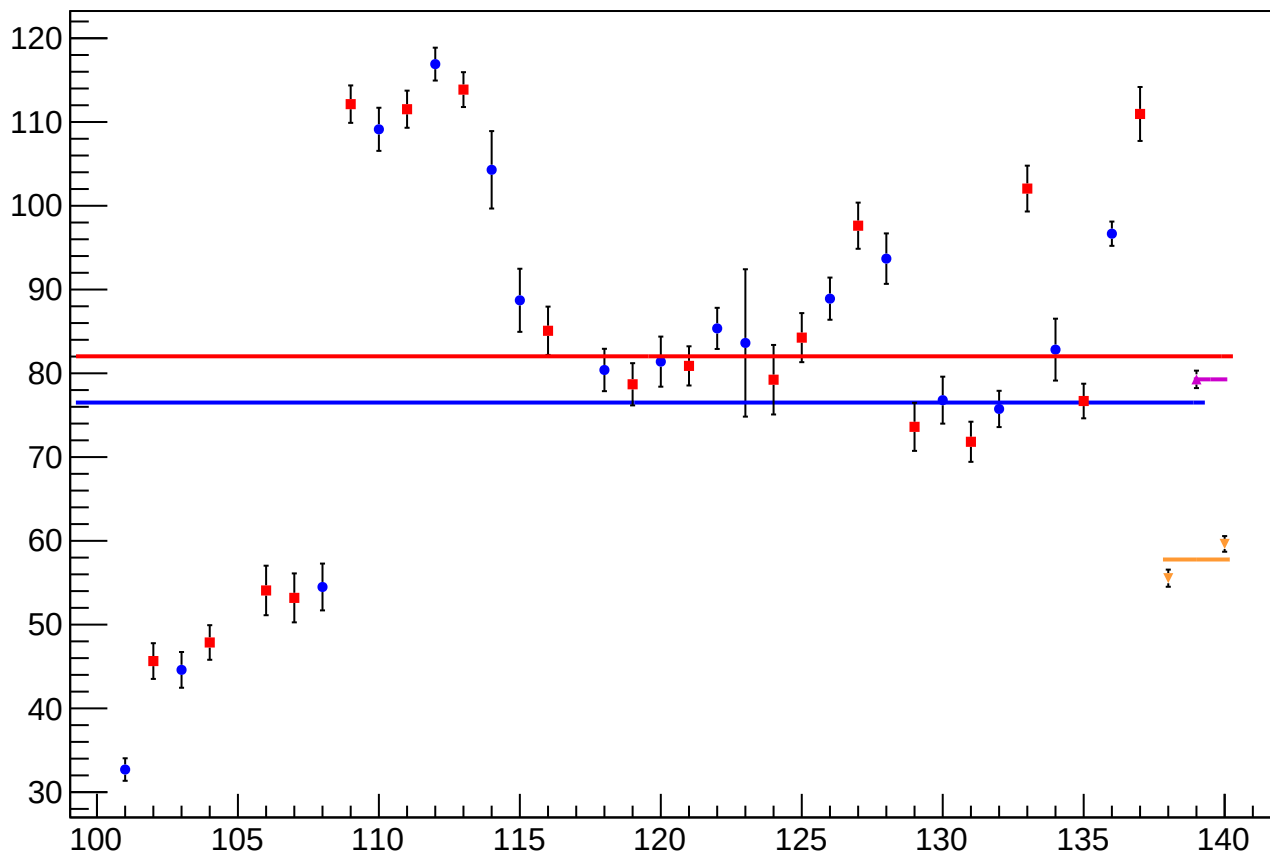
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 2.483 $\pm$ 0.307 χ^2 /NDF:295.3/17

Out: 1.794 $\pm$ 0.284 χ^2 /NDF:428.5/19

All: 2.112 $\pm$ 0.208 χ^2 /NDF: 726.5/37

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2/NDF : 2250.9/16

Left Out: 57.773 $\pm$ 0.691 χ^2/NDF : 8.7/1

Right Out: 82.029 $\pm$ 0.593 χ^2/NDF : 1548.0/17

Left In: 79.277 $\pm$ 1.041 χ^2/NDF : 0.0/0

Left: 64.342 $\pm$ 0.575 χ^2/NDF : 305.0/2

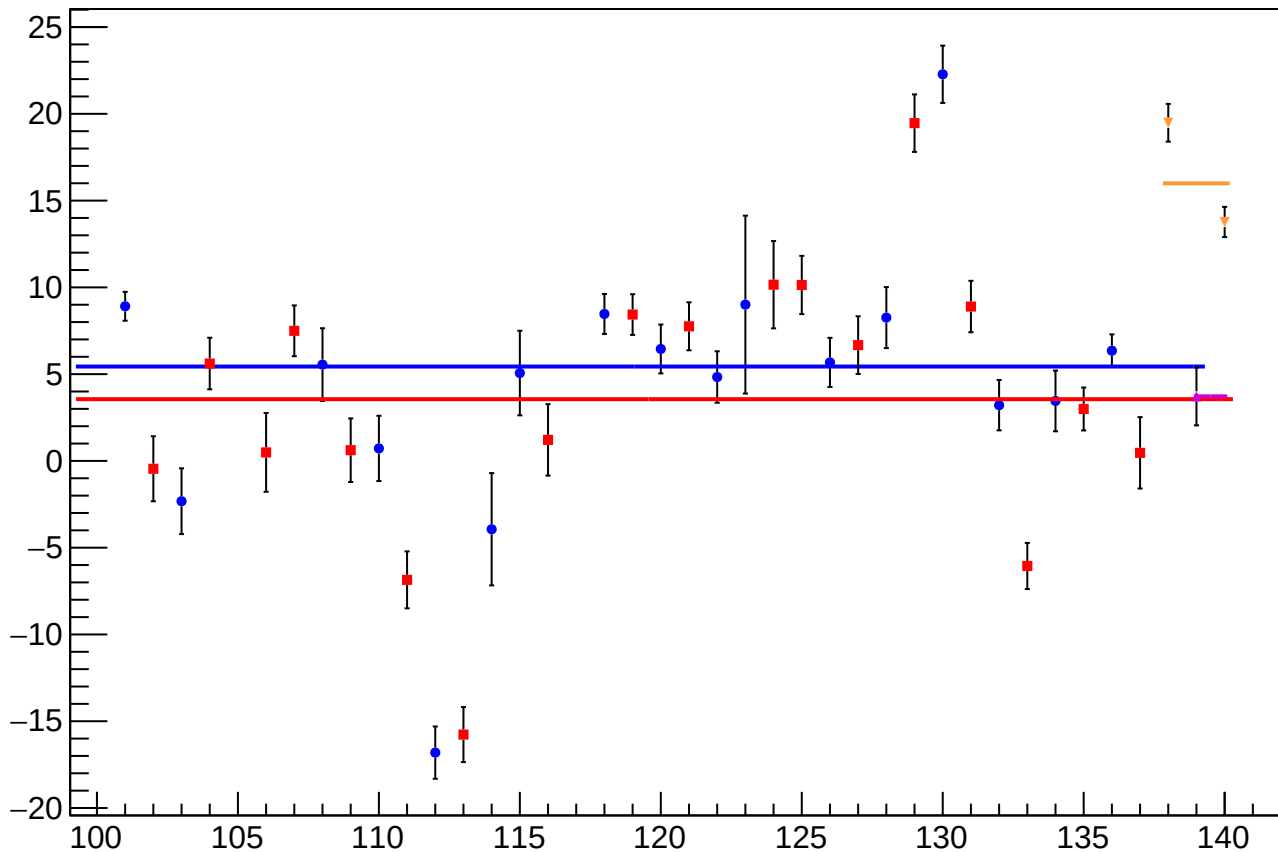
Right: 79.182 $\pm$ 0.412 χ^2/NDF : 3843.6/34

In: 77.155 $\pm$ 0.503 χ^2/NDF : 2256.3/17

Out: 71.741 $\pm$ 0.450 χ^2/NDF : 2267.3/19

All: 74.147 $\pm$ 0.335 χ^2/NDF : 4588.0/37

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 15.995 $\pm$ 0.679 χ^2 /NDF:16.9/1

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 3.720 $\pm$ 1.672 χ^2 /NDF:0.0/0

Left: 14.257 $\pm$ 0.629 χ^2 /NDF: 63.1/2

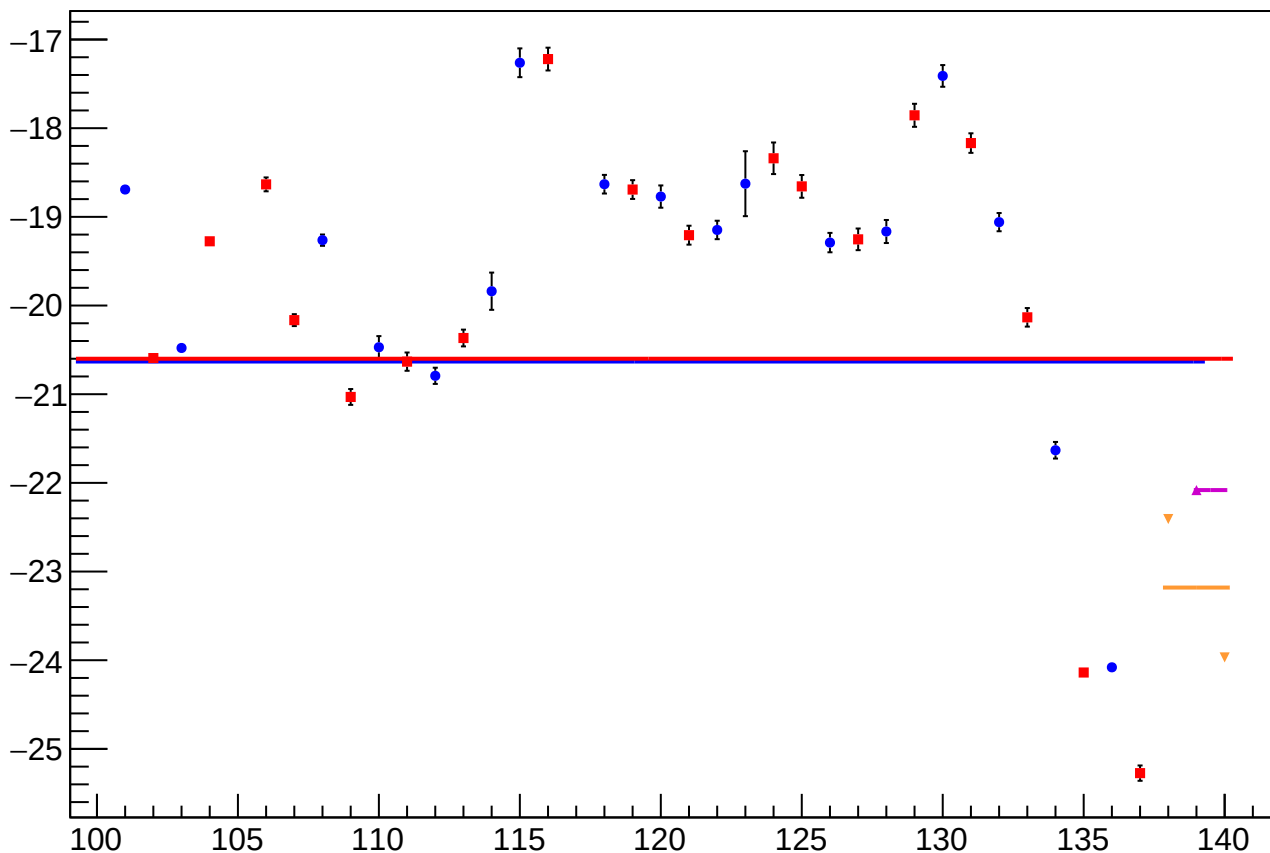
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 5.363 $\pm$ 0.350 χ^2 /NDF:387.2/17

Out: 6.467 $\pm$ 0.328 χ^2 /NDF:694.6/19

All: 5.950 $\pm$ 0.239 χ^2 /NDF: 1087.0/37

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -23.181 $\pm$ 0.029 χ^2 /NDF: 736.8/1

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -22.081 $\pm$ 0.037 χ^2 /NDF: 0.0/0

Left: -22.763 $\pm$ 0.023 χ^2 /NDF: 1292.3/2

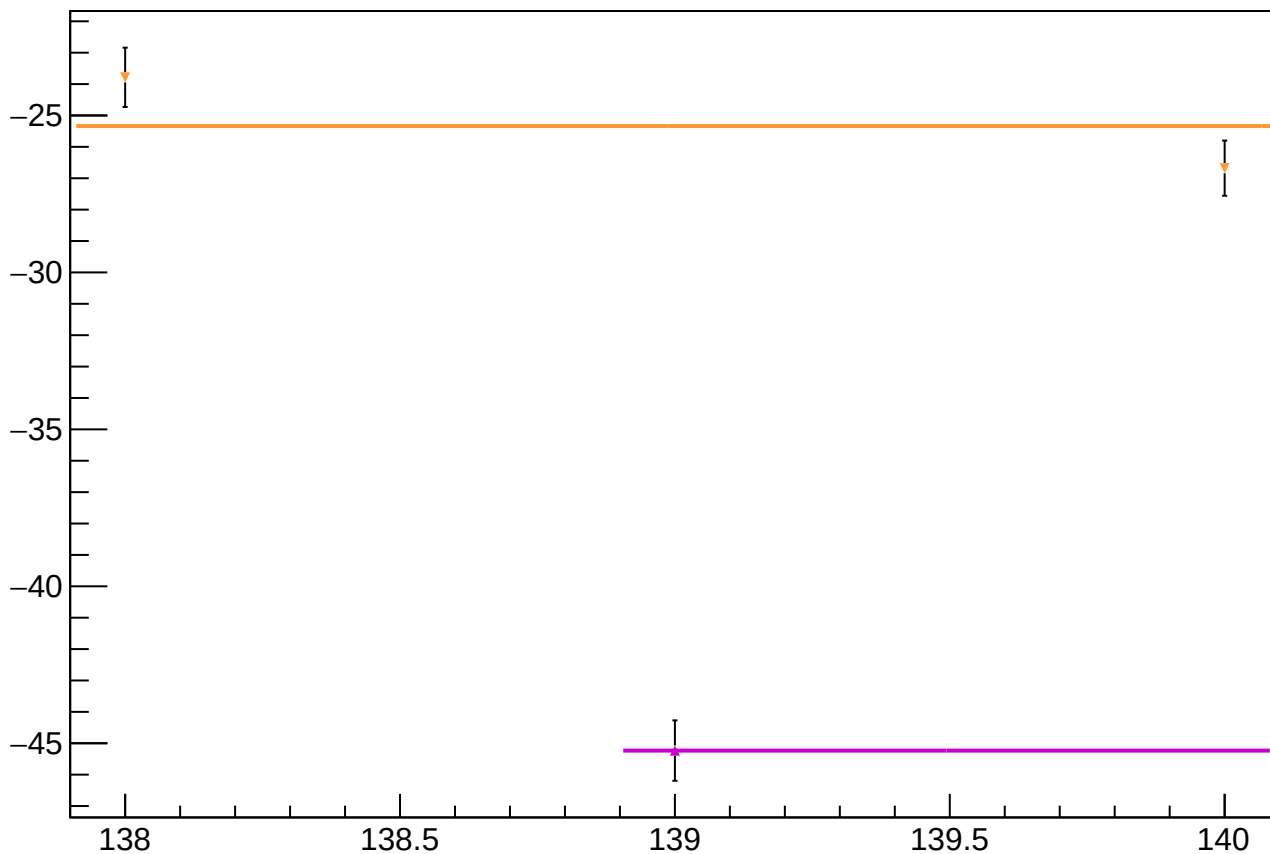
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.945 $\pm$ 0.017 χ^2 /NDF: 13722.7/17

Out: -21.411 $\pm$ 0.016 χ^2 /NDF: 18237.3/19

All: -21.191 $\pm$ 0.012 χ^2 /NDF: 32353.8/37

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.337+/-0.644 χ^2/NDF : 5.0/1

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

Left In: -45.234+/-0.962 χ^2/NDF : 0.0/0

Left: -31.485+/-0.535 χ^2/NDF : 300.3/2

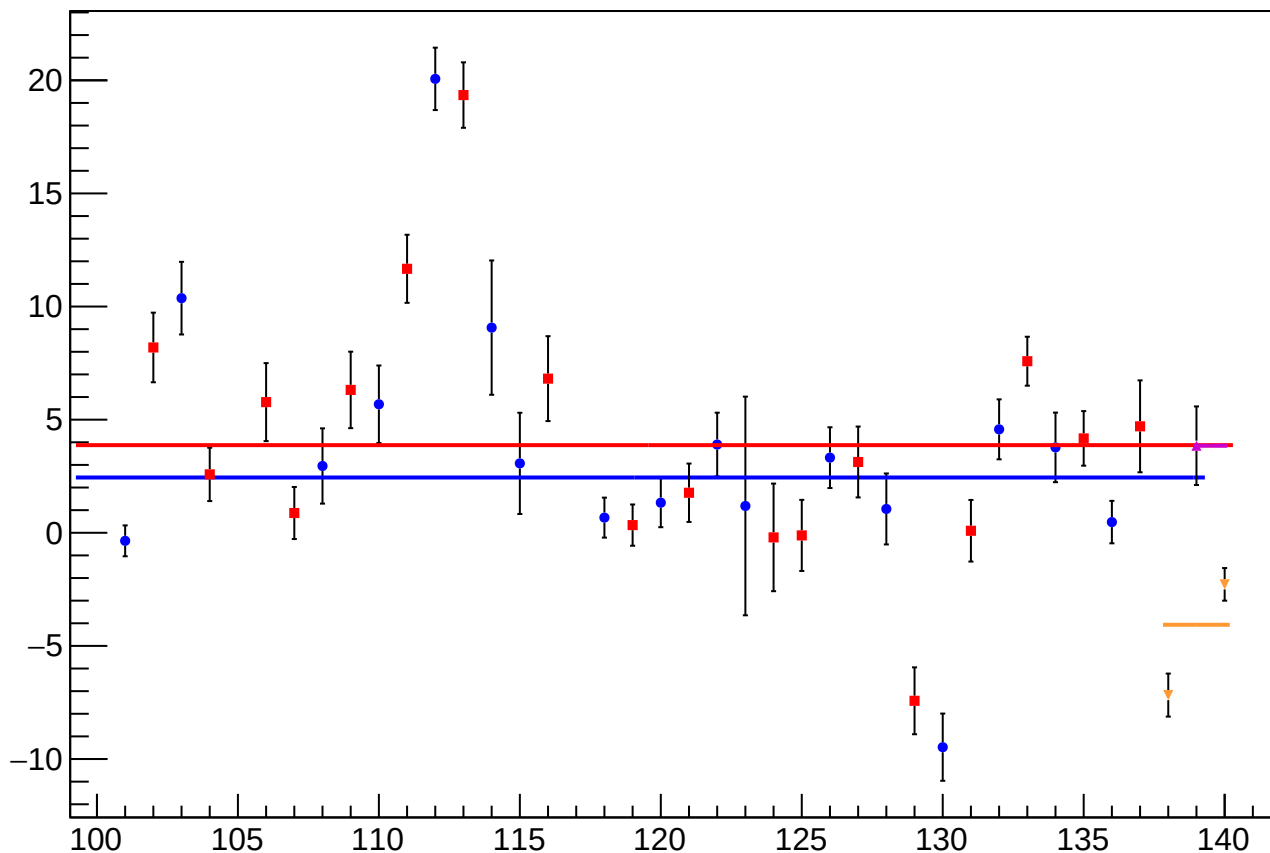
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.234+/-0.962 χ^2/NDF : 0.0/0

Out: -25.337+/-0.644 χ^2/NDF : 5.0/1

All: -31.485+/-0.535 χ^2/NDF : 300.3/2

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: -4.066 ± 0.575 χ^2/NDF : 16.8/1

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 3.848 ± 1.737 χ^2/NDF : 0.0/0

Left: -3.286 ± 0.545 χ^2/NDF : 35.5/2

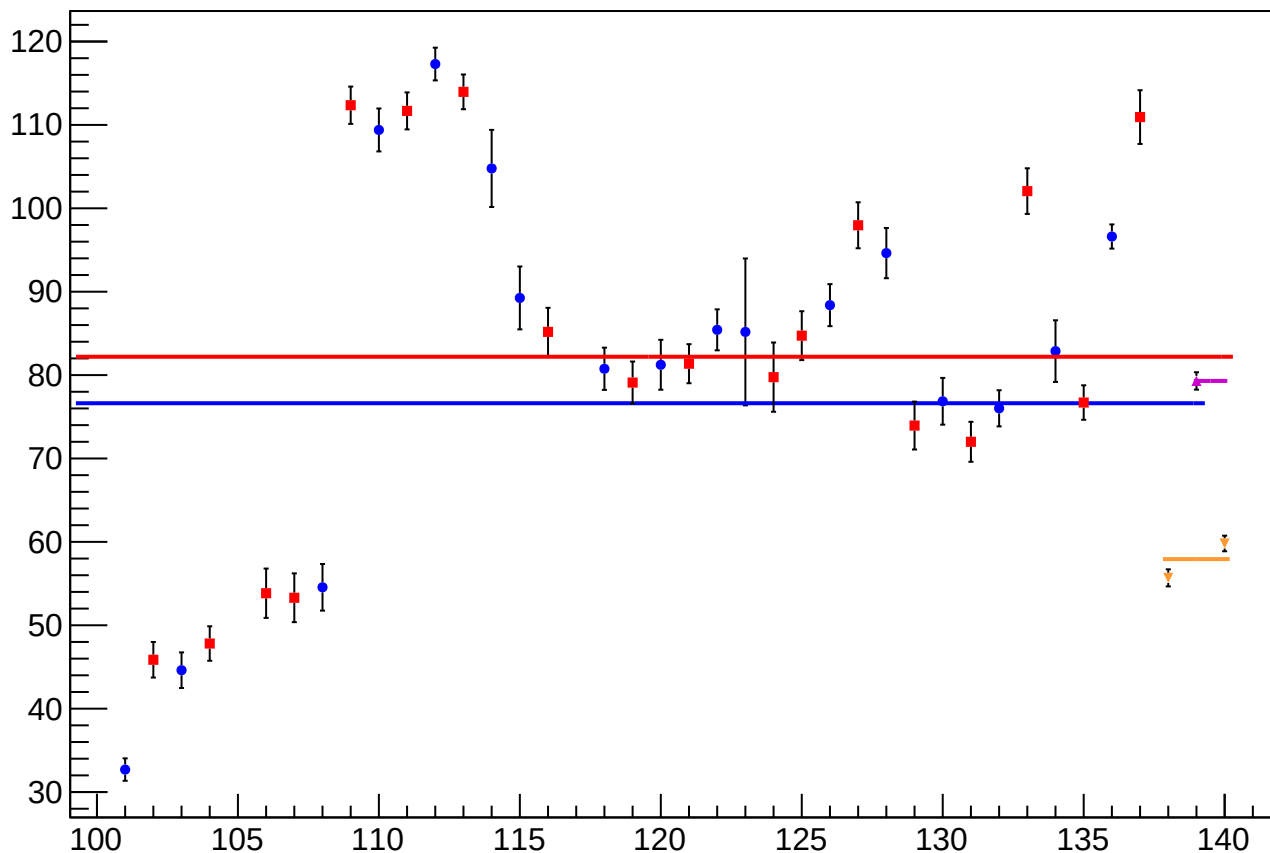
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.488 ± 0.307 χ^2/NDF : 293.3/17

Out: 1.933 ± 0.284 χ^2/NDF : 429.4/19

All: 2.189 ± 0.208 χ^2/NDF : 724.5/37

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 57.934 $\pm$ 0.691 χ^2 /NDF: 8.8/1

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 79.300 $\pm$ 1.042 χ^2 /NDF: 0.0/0

Left: 64.462 $\pm$ 0.576 χ^2 /NDF: 300.9/2

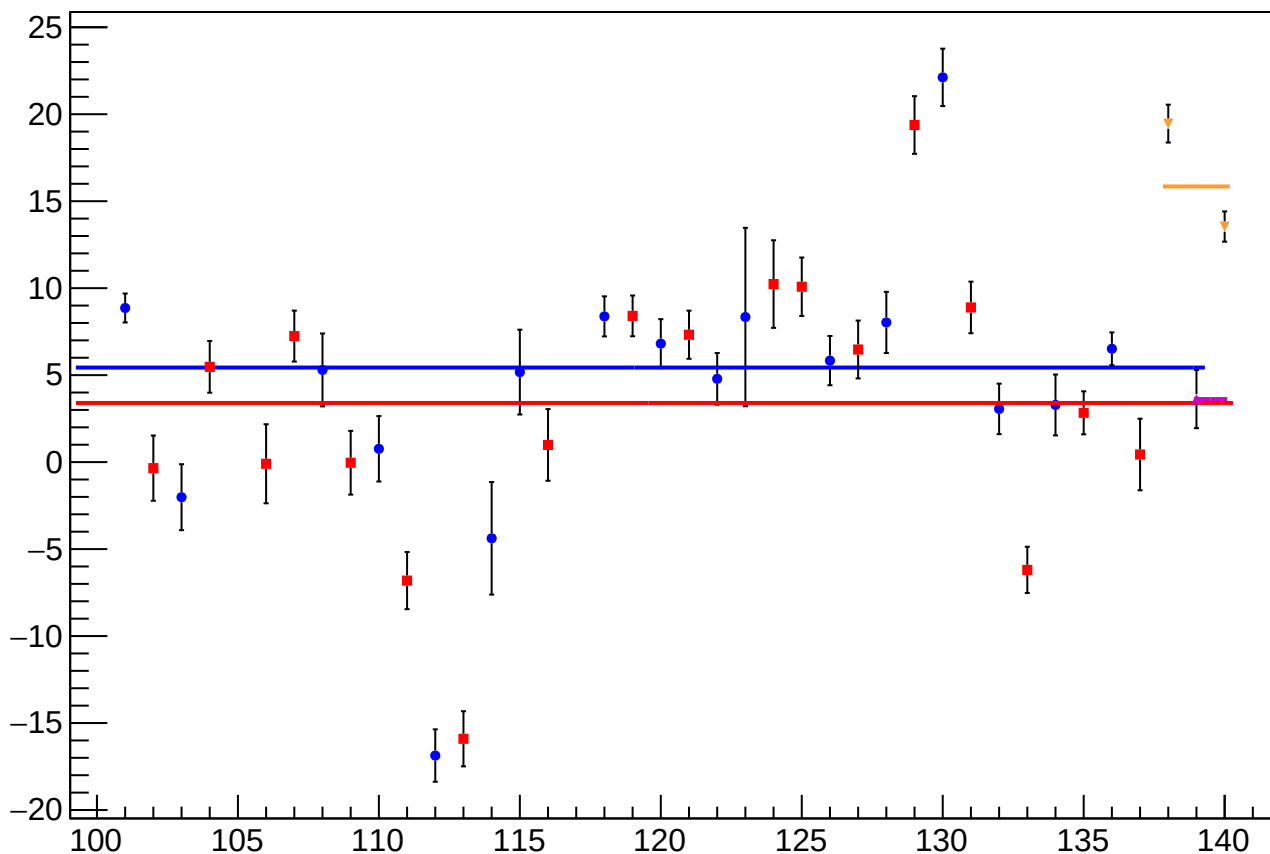
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 77.250 $\pm$ 0.503 χ^2 /NDF: 2267.8/17

Out: 71.910 $\pm$ 0.450 χ^2 /NDF: 2269.3/19

All: 74.283 $\pm$ 0.335 χ^2 /NDF: 4599.8/37

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 15.847 $\pm$ 0.679 χ^2 /NDF:18.0/1

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 3.625 $\pm$ 1.673 χ^2 /NDF:0.0/0

Left: 14.116 $\pm$ 0.629 χ^2 /NDF: 63.9/2

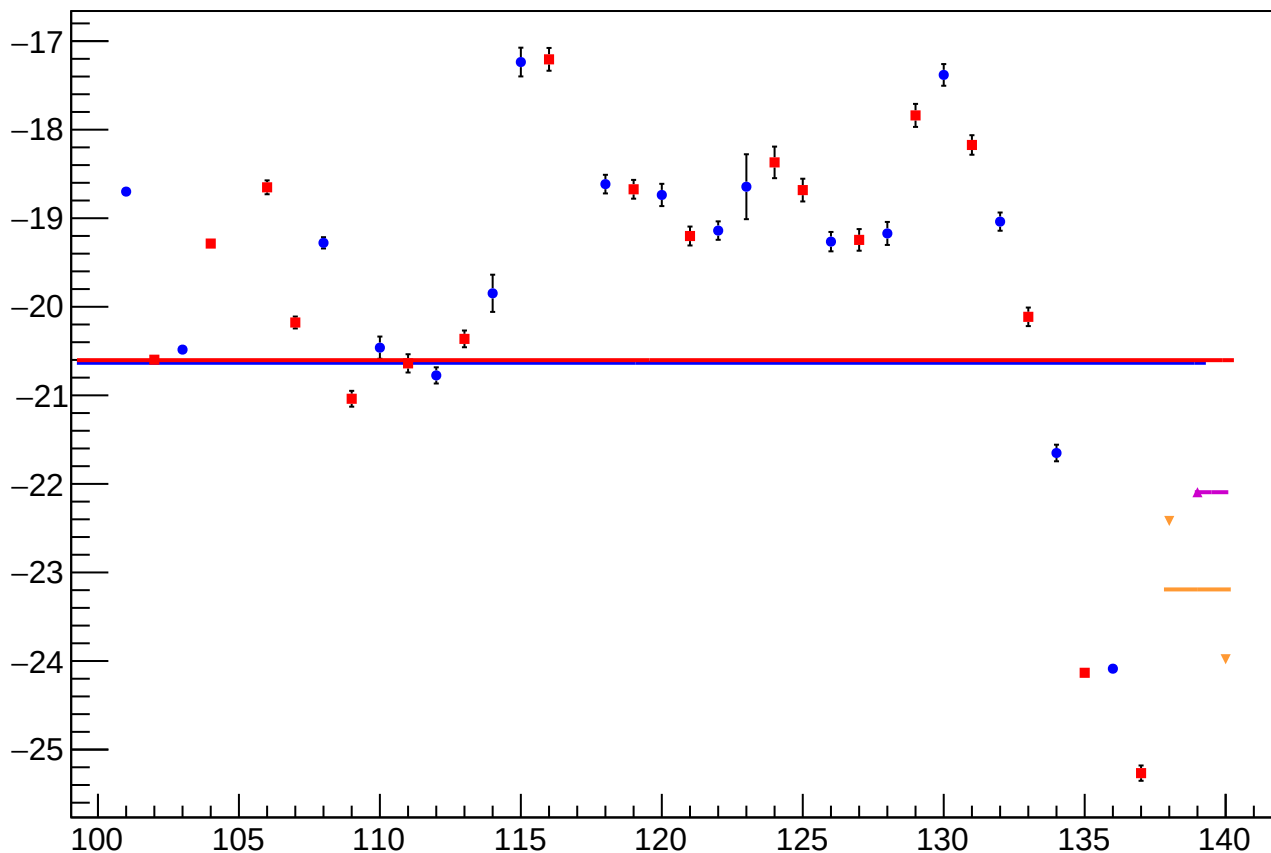
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 5.358 $\pm$ 0.350 χ^2 /NDF:385.6/17

Out: 6.312 $\pm$ 0.329 χ^2 /NDF:696.0/19

All: 5.865 $\pm$ 0.240 χ^2 /NDF: 1085.6/37

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -23.192 ± 0.029 $\chi^2/\text{NDF}: 736.6/1$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -22.094 ± 0.037 $\chi^2/\text{NDF}: 0.0/0$

Left: -22.775 ± 0.023 $\chi^2/\text{NDF}: 1289.9/2$

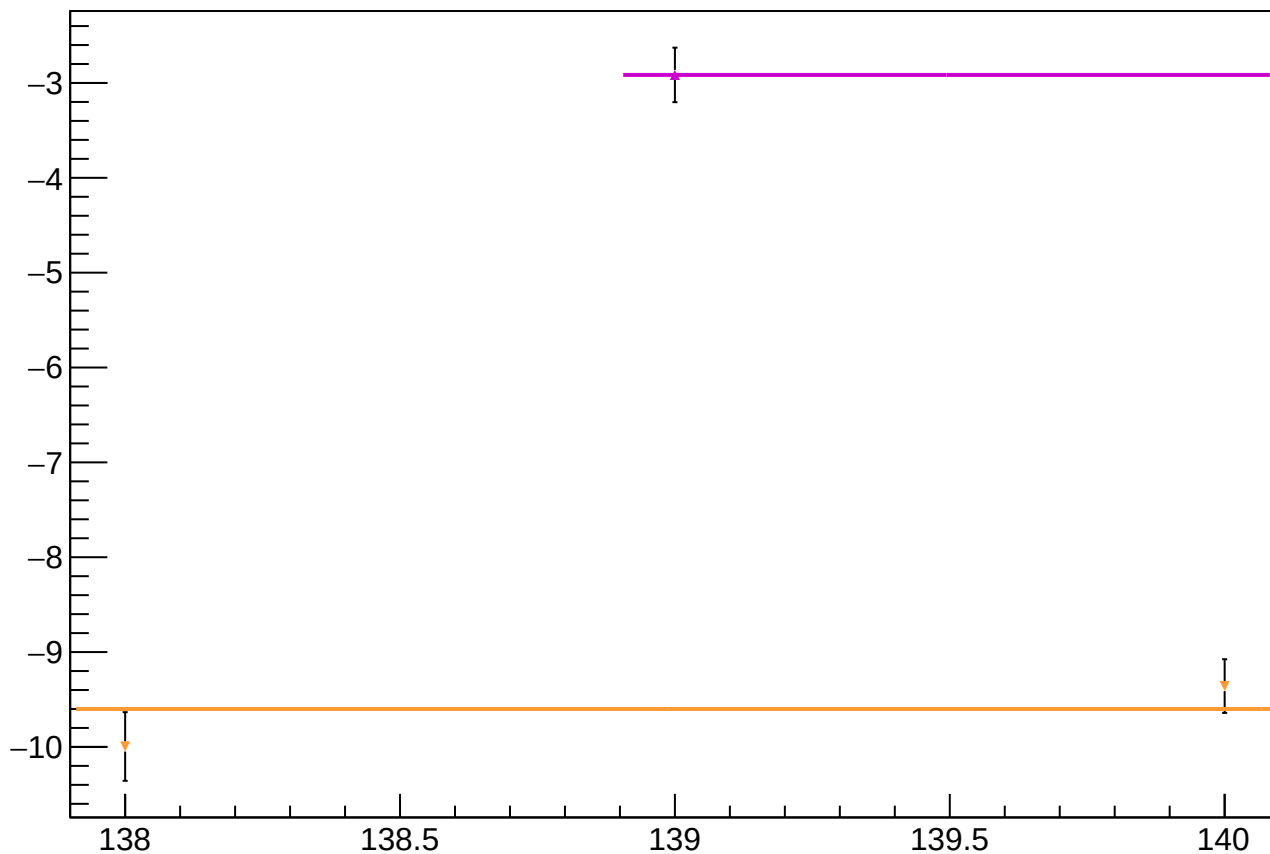
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.948 ± 0.017 $\chi^2/\text{NDF}: 13782.7/17$

Out: -21.416 ± 0.016 $\chi^2/\text{NDF}: 18217.7/19$

All: -21.196 ± 0.012 $\chi^2/\text{NDF}: 32396.8/37$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Left: -7.088 ± 0.176 χ^2/NDF : 340.0/2

Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -2.915 ± 0.287 χ^2/NDF : 0.0/0

Out: -9.600 ± 0.223 χ^2/NDF : 1.9/1

All: -7.088 ± 0.176 χ^2/NDF : 340.0/2

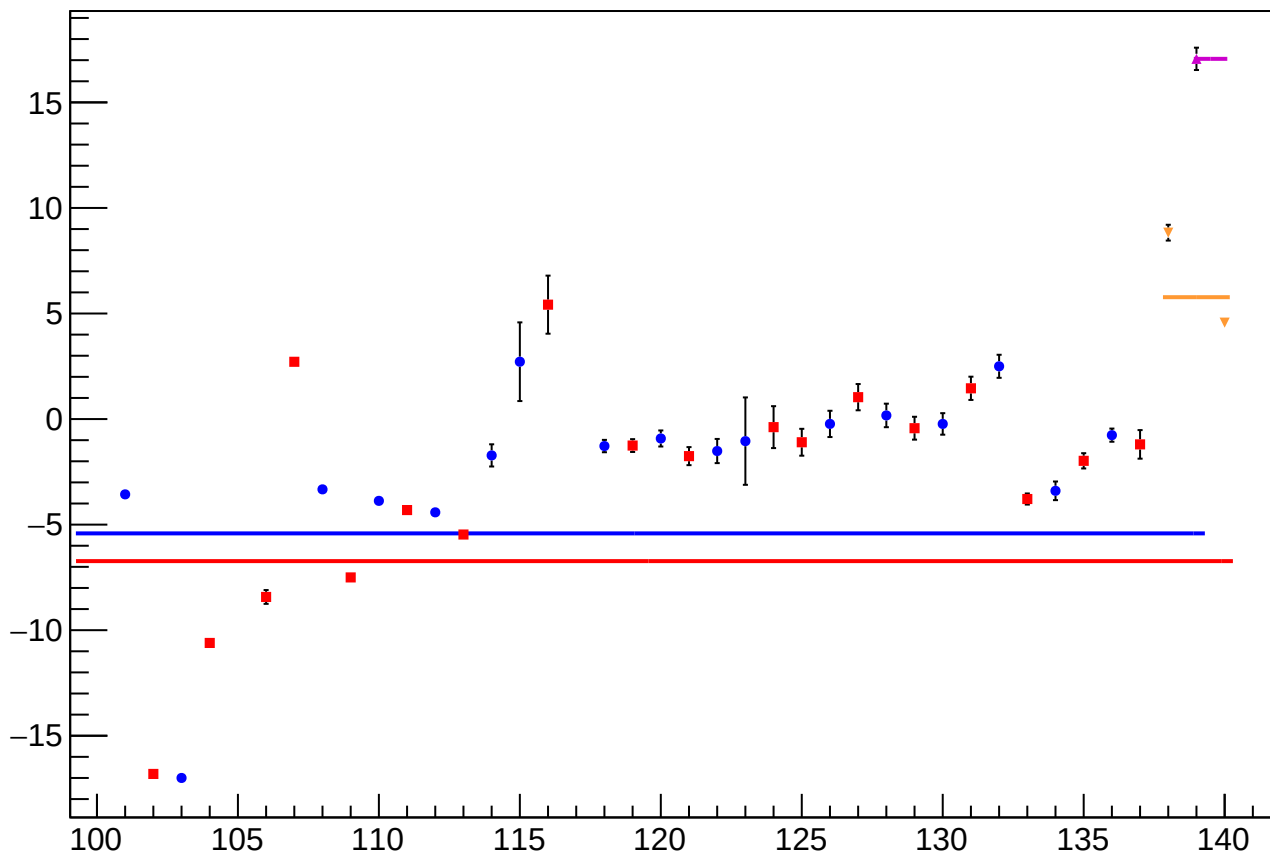
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -9.600 ± 0.223 χ^2/NDF : 1.9/1

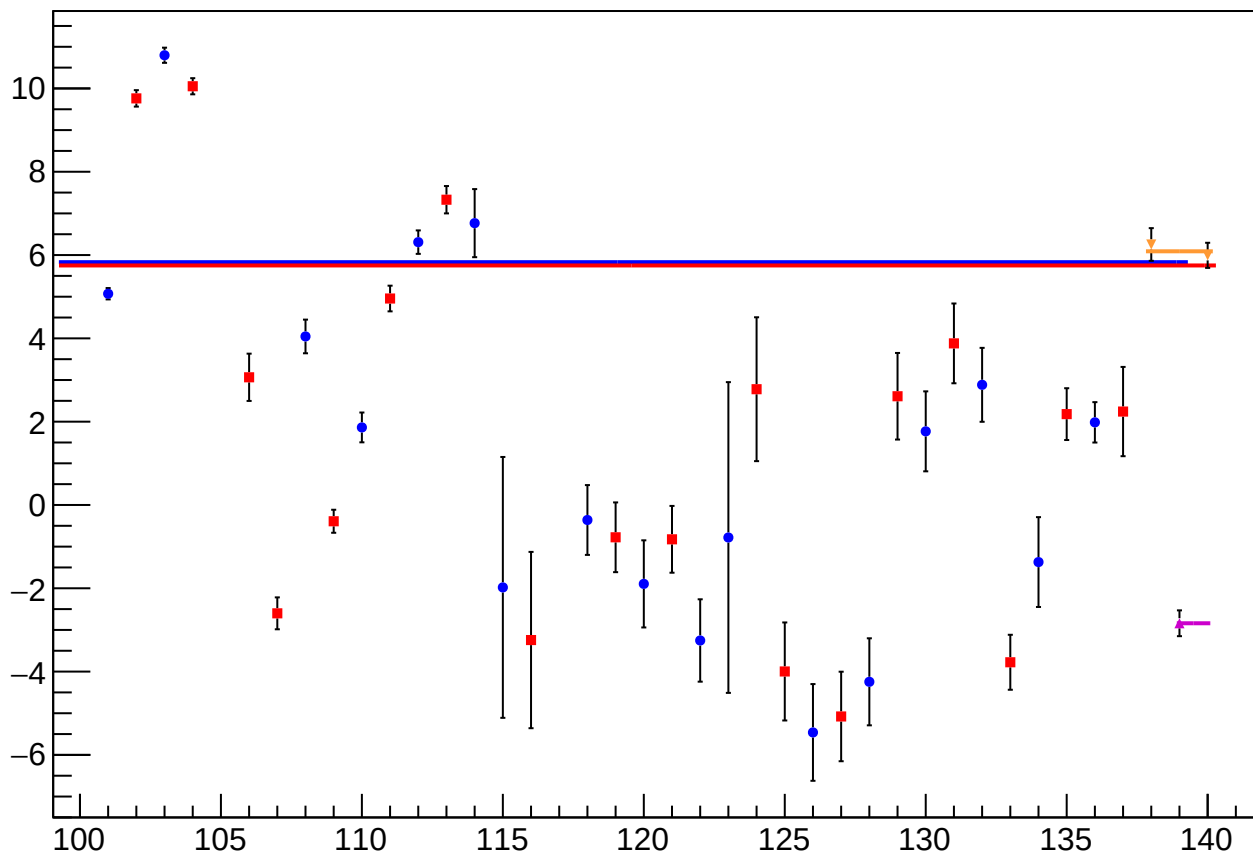
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -2.915 ± 0.287 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 6.090 $\pm$ 0.239 χ^2 /NDF:0.3/1

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -2.840 $\pm$ 0.310 χ^2 /NDF:0.0/0

Left: 2.758 $\pm$ 0.189 χ^2 /NDF: 520.9/2

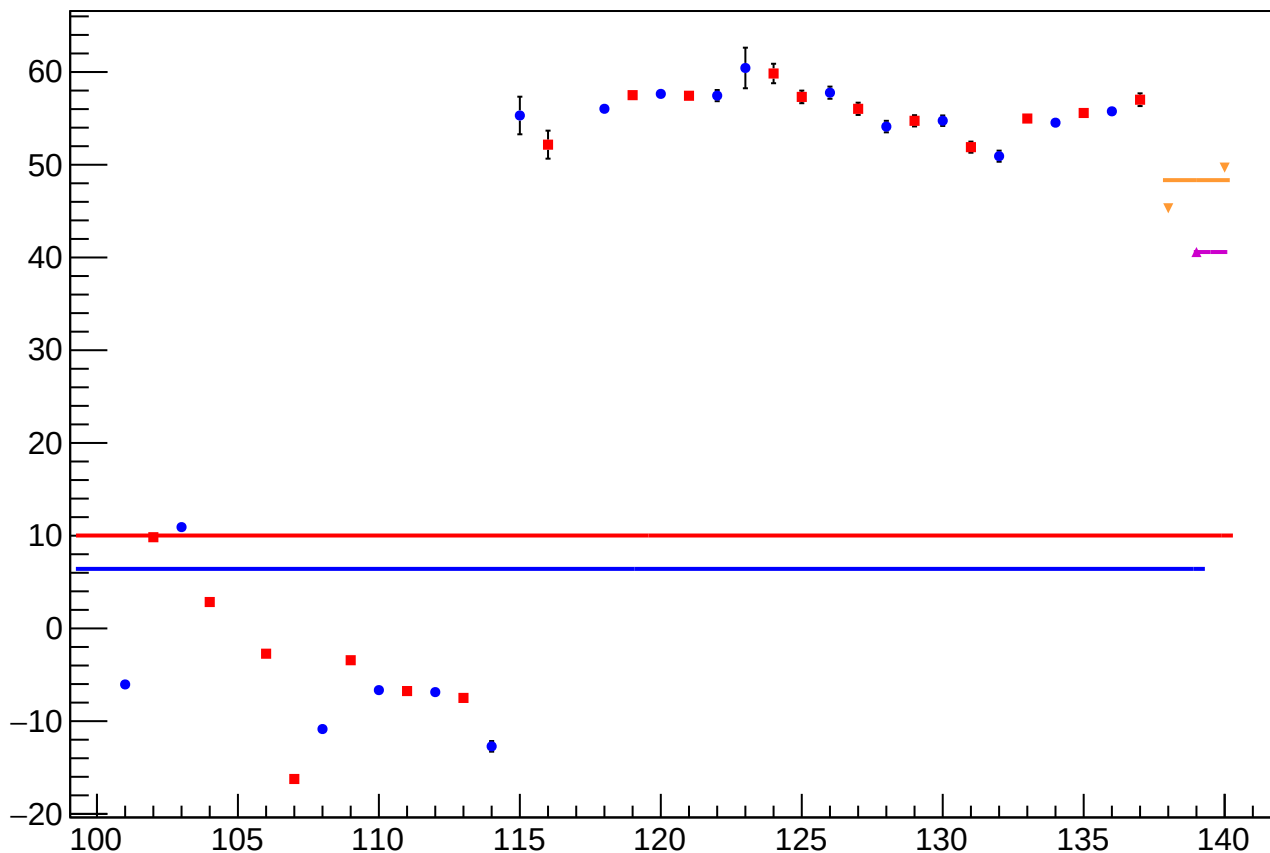
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 5.160 $\pm$ 0.086 χ^2 /NDF:2170.5/17

Out: 5.798 $\pm$ 0.089 χ^2 /NDF:2513.0/19

All: 5.467 $\pm$ 0.062 χ^2 /NDF: 4709.9/37

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 48.341 ± 0.236 χ^2/NDF : 73.8/1

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 40.588 ± 0.510 χ^2/NDF : 0.0/0

Left: 46.979 ± 0.214 χ^2/NDF : 264.0/2

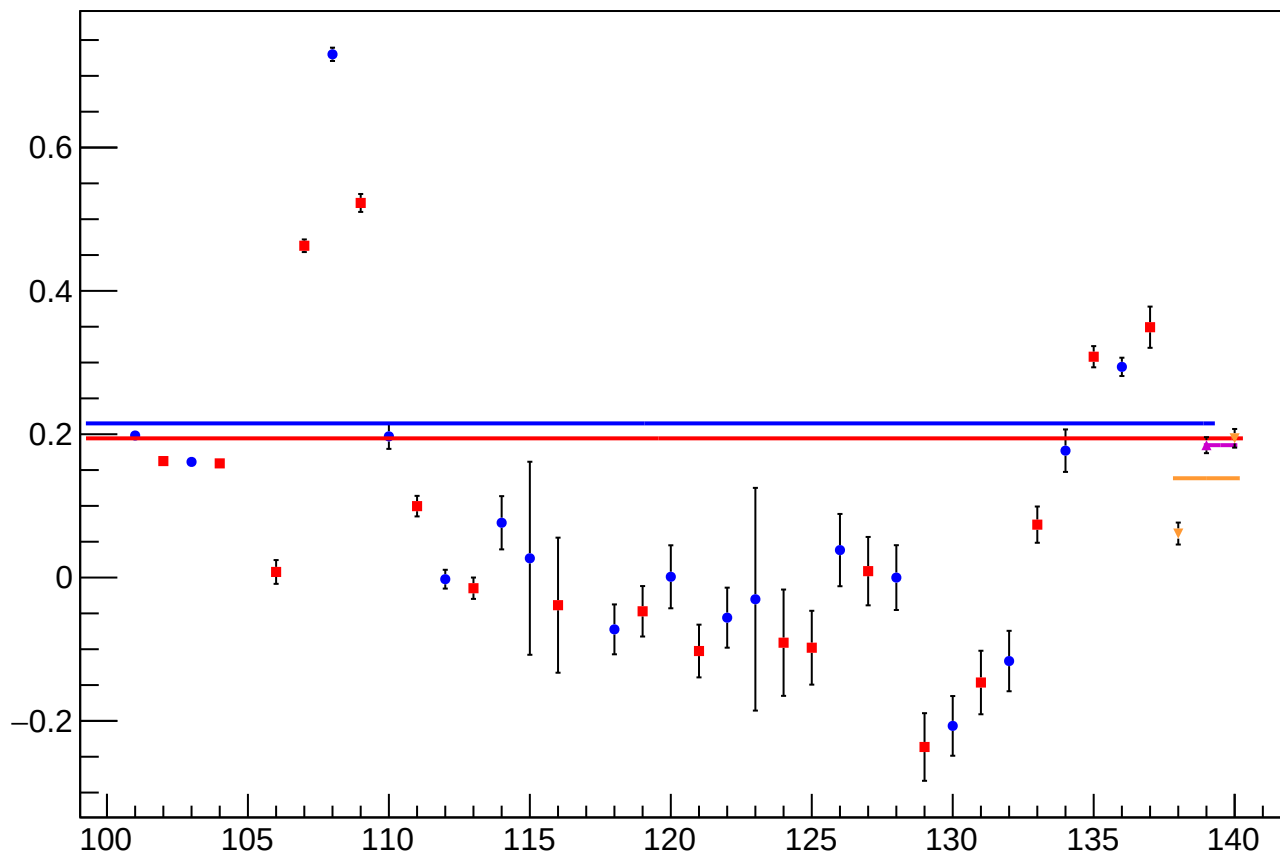
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 6.962 ± 0.064 χ^2/NDF : 127519.6/17

Out: 13.187 ± 0.068 χ^2/NDF : 146427.7/19

All: 9.908 ± 0.047 χ^2/NDF : 278394.9/37

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.139 ± 0.010 $\chi^2/\text{NDF}: 43.7/1$

Right Out: 0.194 ± 0.003 $\chi^2/\text{NDF}: 2520.1/17$

Left In: 0.185 ± 0.011 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.159 ± 0.007 $\chi^2/\text{NDF}: 53.3/2$

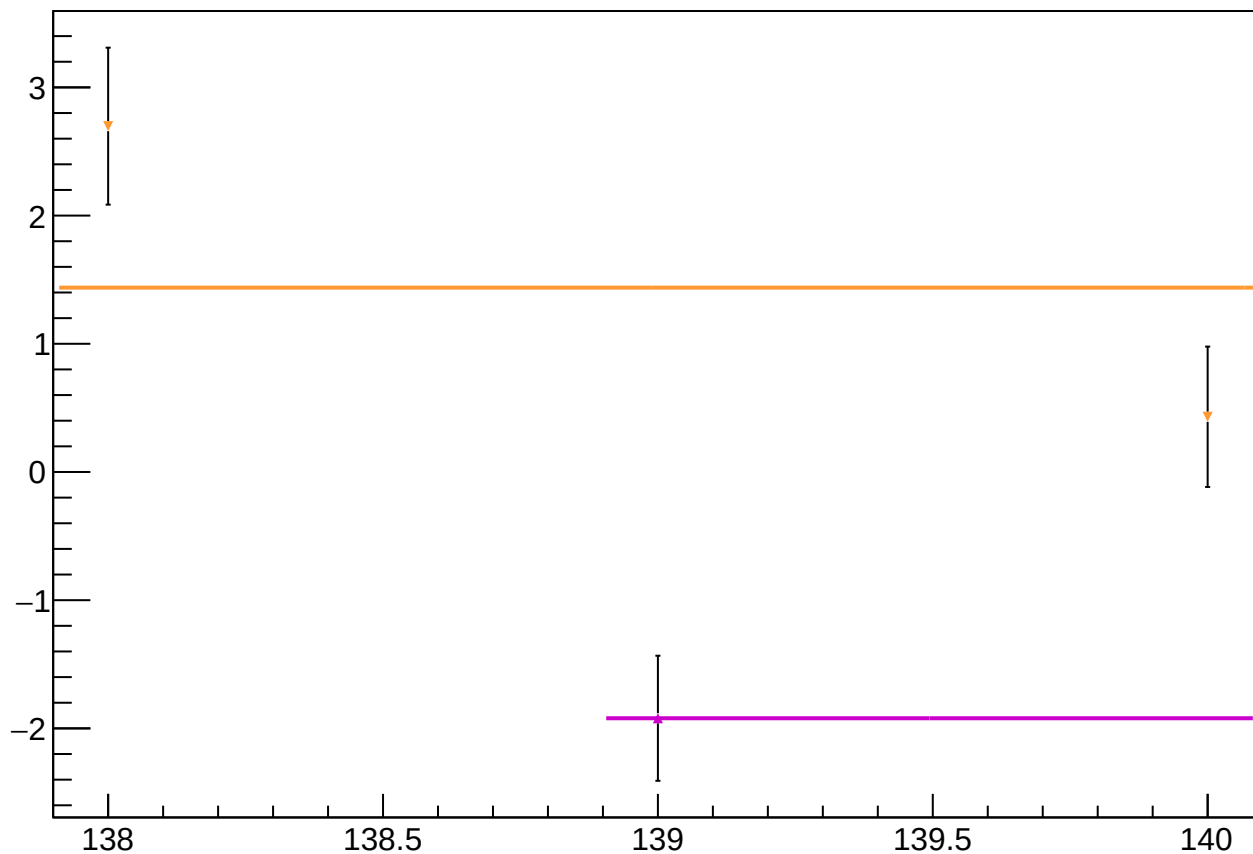
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.213 ± 0.003 $\chi^2/\text{NDF}: 3934.2/17$

Out: 0.190 ± 0.003 $\chi^2/\text{NDF}: 2593.1/19$

All: 0.202 ± 0.002 $\chi^2/\text{NDF}: 6564.7/37$

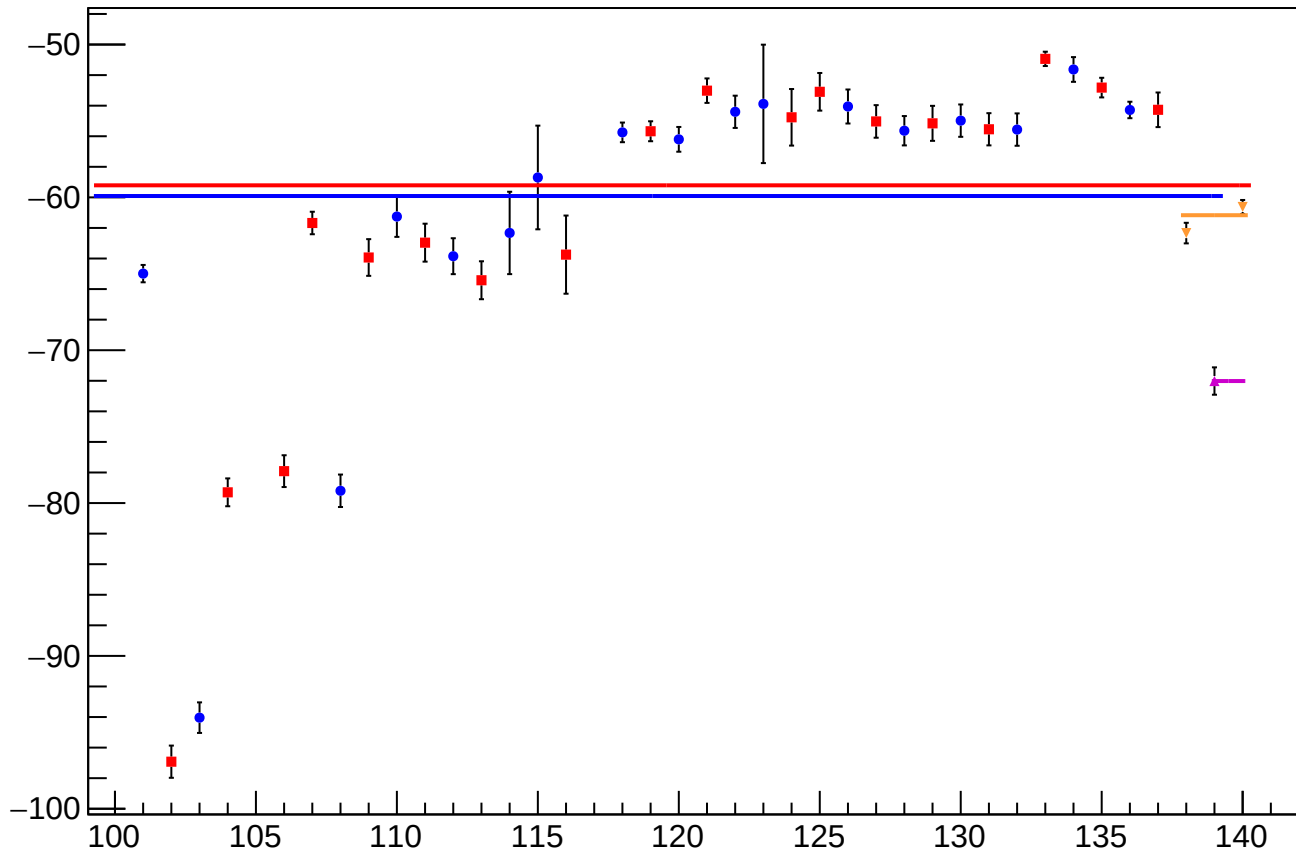
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.438+/-0.408 χ^2/NDF : 7.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.921+/-0.488 χ^2/NDF : 0.0/0

Left: 0.055+/-0.313 χ^2/NDF : 35.5/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.921+/-0.488 χ^2/NDF : 0.0/0
 Out: 1.438+/-0.408 χ^2/NDF : 7.6/1
 All: 0.055+/-0.313 χ^2/NDF : 35.5/2

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -61.167 ± 0.378 χ^2/NDF : 4.4/1

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -72.017 ± 0.895 χ^2/NDF : 0.0/0

Left: -62.811 ± 0.348 χ^2/NDF : 129.1/2

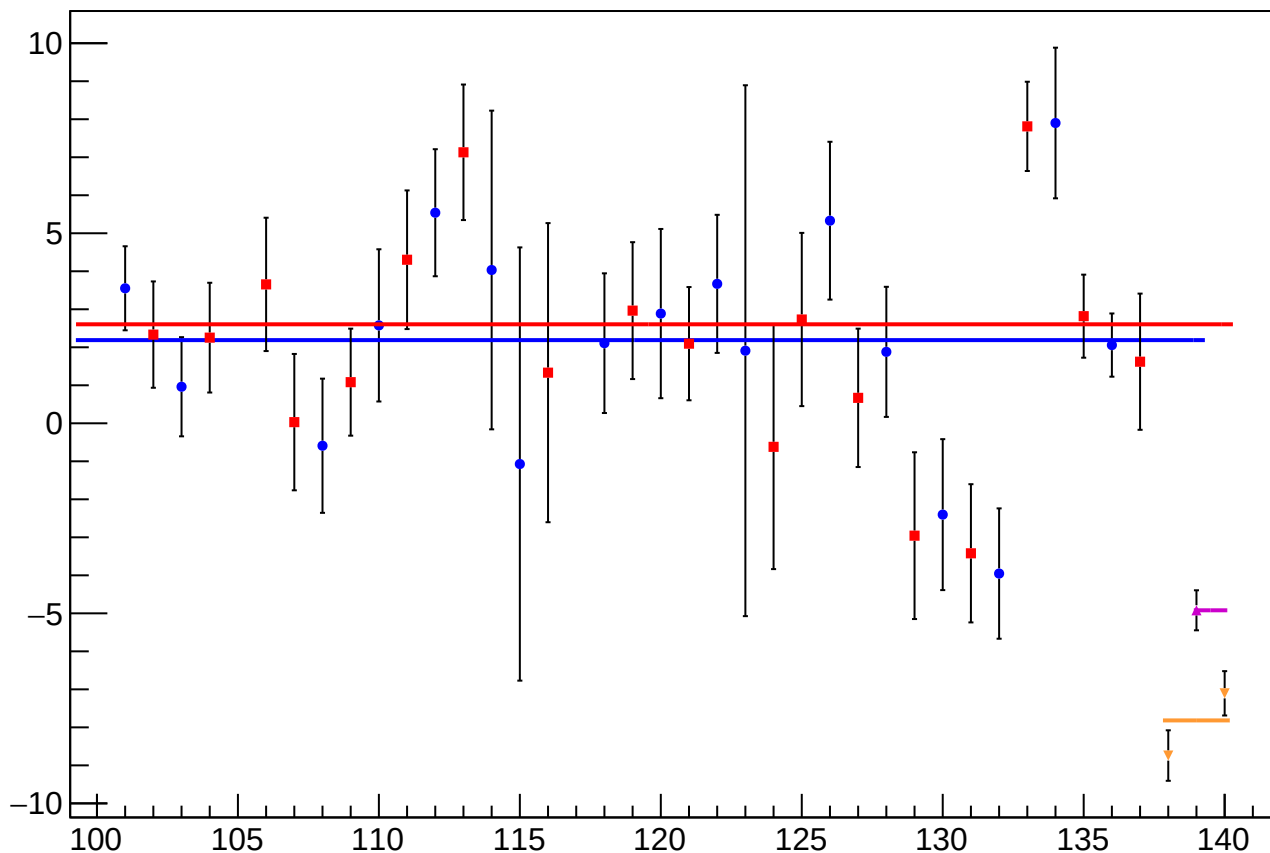
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -60.620 ± 0.217 χ^2/NDF : 2153.0/17

Out: -59.680 ± 0.185 χ^2/NDF : 2767.6/19

All: -60.077 ± 0.141 χ^2/NDF : 4931.5/37

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -7.817 ± 0.438 χ^2/NDF : 3.4/1

Right Out: 2.605 ± 0.391 χ^2/NDF : 50.8/17

Left In: -4.920 ± 0.527 χ^2/NDF : 0.0/0

Left: -6.631 ± 0.337 χ^2/NDF : 21.3/2

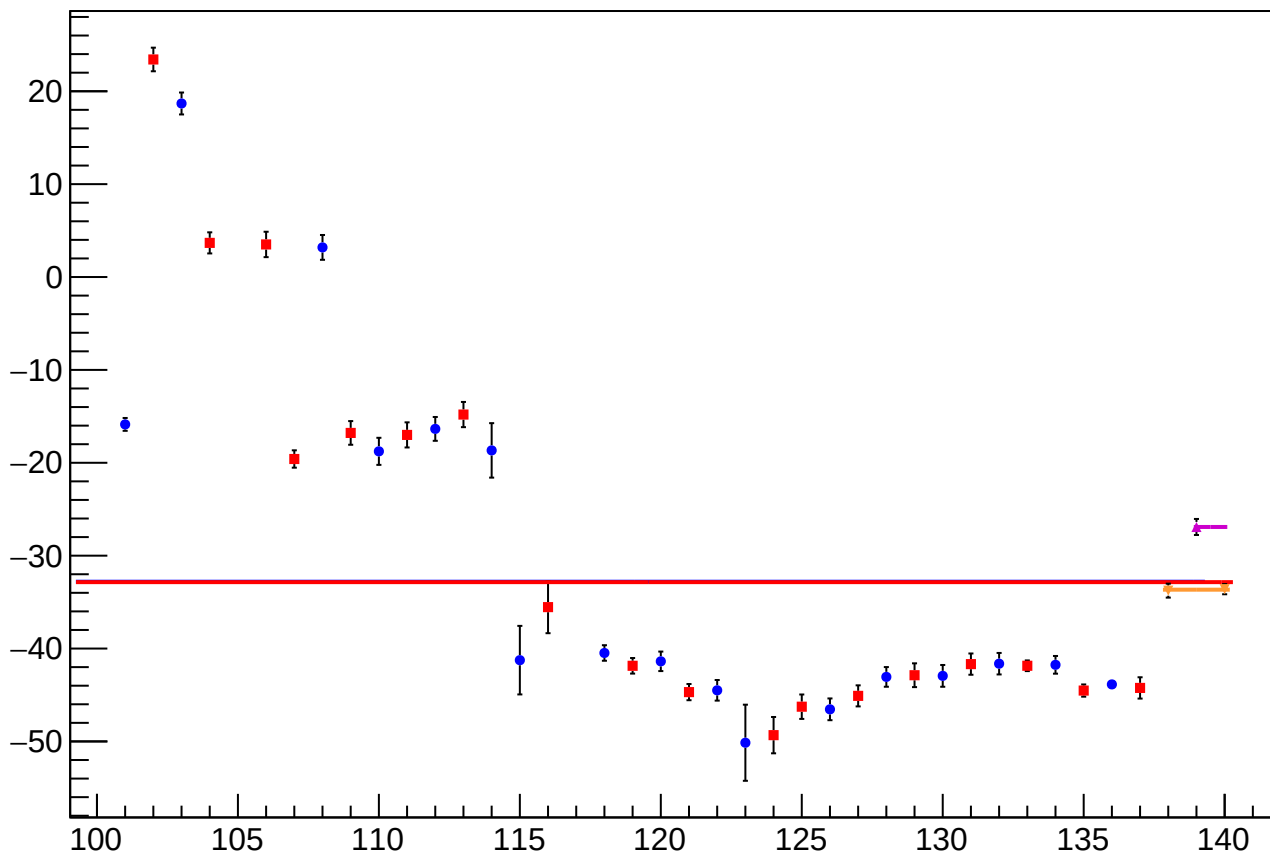
Right: 2.404 ± 0.281 χ^2/NDF : 90.4/34

In: -0.450 ± 0.321 χ^2/NDF : 153.7/17

Out: -2.011 ± 0.292 χ^2/NDF : 369.1/19

All: -1.304 ± 0.216 χ^2/NDF : 535.8/37

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 $\pm$ 0.254 χ^2 /NDF: 4662.8/16

Left Out: -33.662 $\pm$ 0.443 χ^2 /NDF: 0.0/1

Right Out: -32.850 $\pm$ 0.244 χ^2 /NDF: 5750.3/17

Left In: -26.910 $\pm$ 0.863 χ^2 /NDF: 0.0/0

Left: -32.252 $\pm$ 0.394 χ^2 /NDF: 48.4/2

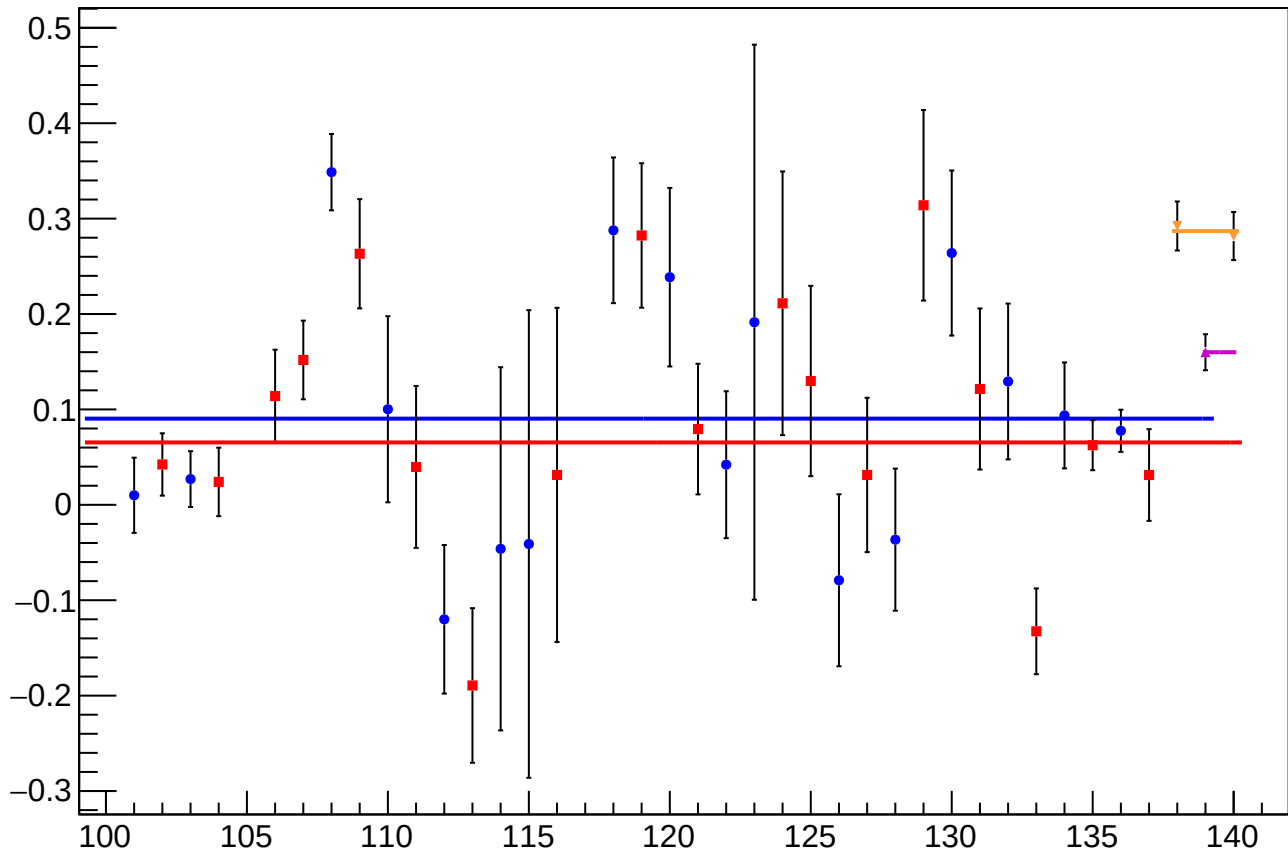
Right: -32.829 $\pm$ 0.176 χ^2 /NDF: 10413.1/34

In: -32.335 $\pm$ 0.244 χ^2 /NDF: 4705.7/17

Out: -33.039 $\pm$ 0.214 χ^2 /NDF: 5752.9/19

All: -32.733 $\pm$ 0.161 χ^2 /NDF: 10463.3/37

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.287 ± 0.018 $\chi^2/\text{NDF}: 0.1/1$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.160 ± 0.019 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.226 ± 0.013 $\chi^2/\text{NDF}: 23.8/2$

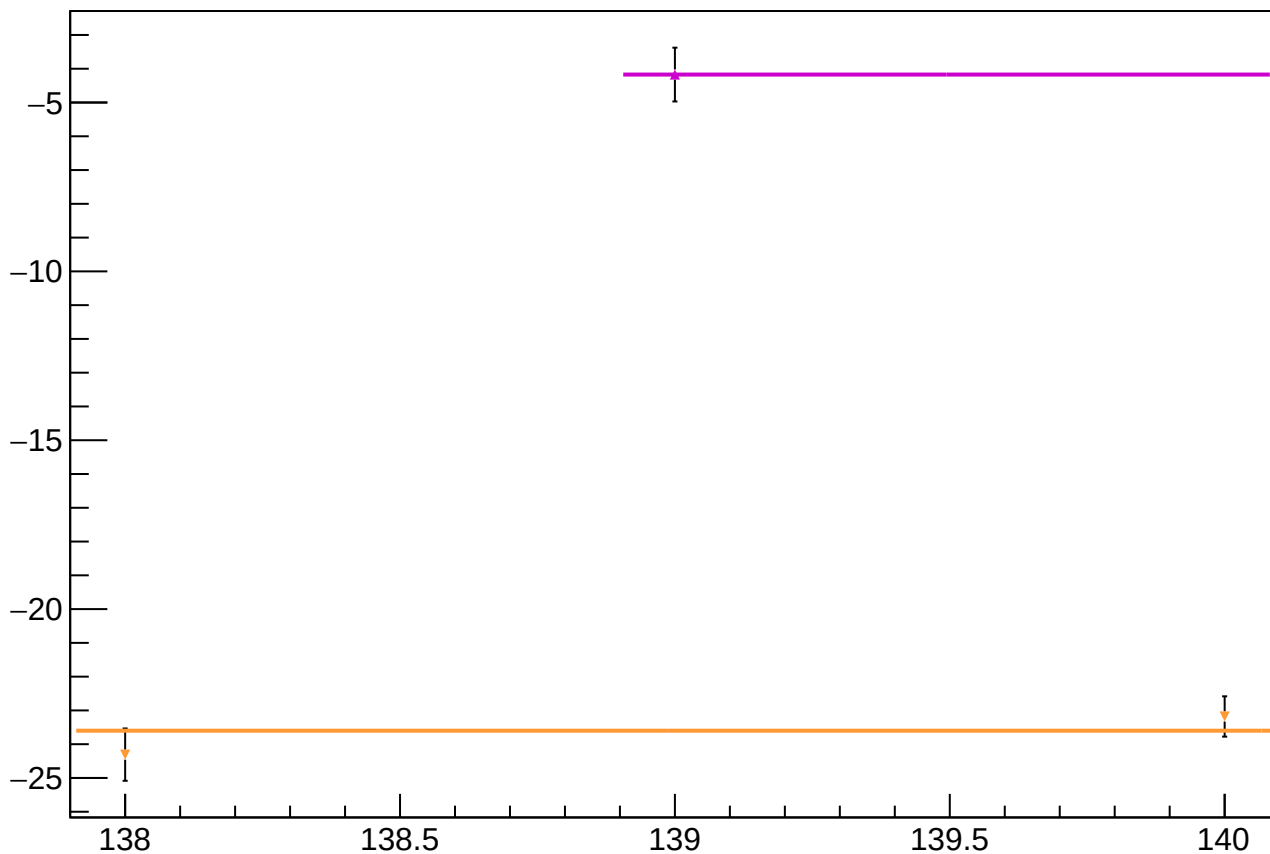
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.112 ± 0.011 $\chi^2/\text{NDF}: 88.7/17$

Out: 0.135 ± 0.010 $\chi^2/\text{NDF}: 169.3/19$

All: 0.124 ± 0.007 $\chi^2/\text{NDF}: 260.5/37$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.600+/-0.473 χ^2/NDF : 1.3/1

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

Left In: -4.173+/-0.796 χ^2/NDF : 0.0/0

Left: -18.537+/-0.407 χ^2/NDF : 441.4/2

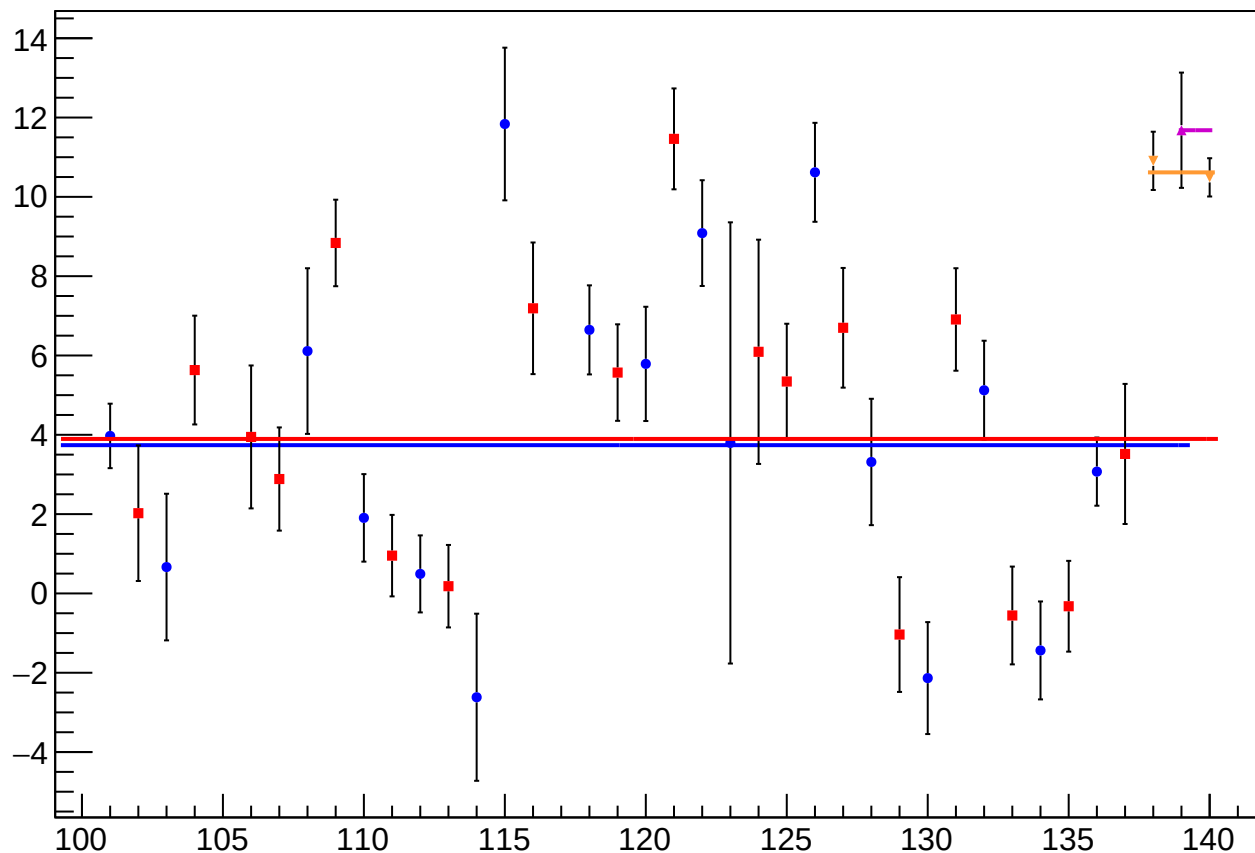
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.173+/-0.796 χ^2/NDF : 0.0/0

Out: -23.600+/-0.473 χ^2/NDF : 1.3/1

All: -18.537+/-0.407 χ^2/NDF : 441.4/2

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 10.617 $\pm$ 0.403 χ^2 /NDF:0.2/1

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 11.680 $\pm$ 1.453 χ^2 /NDF:0.0/0

Left: 10.693 $\pm$ 0.389 χ^2 /NDF: 0.7/2

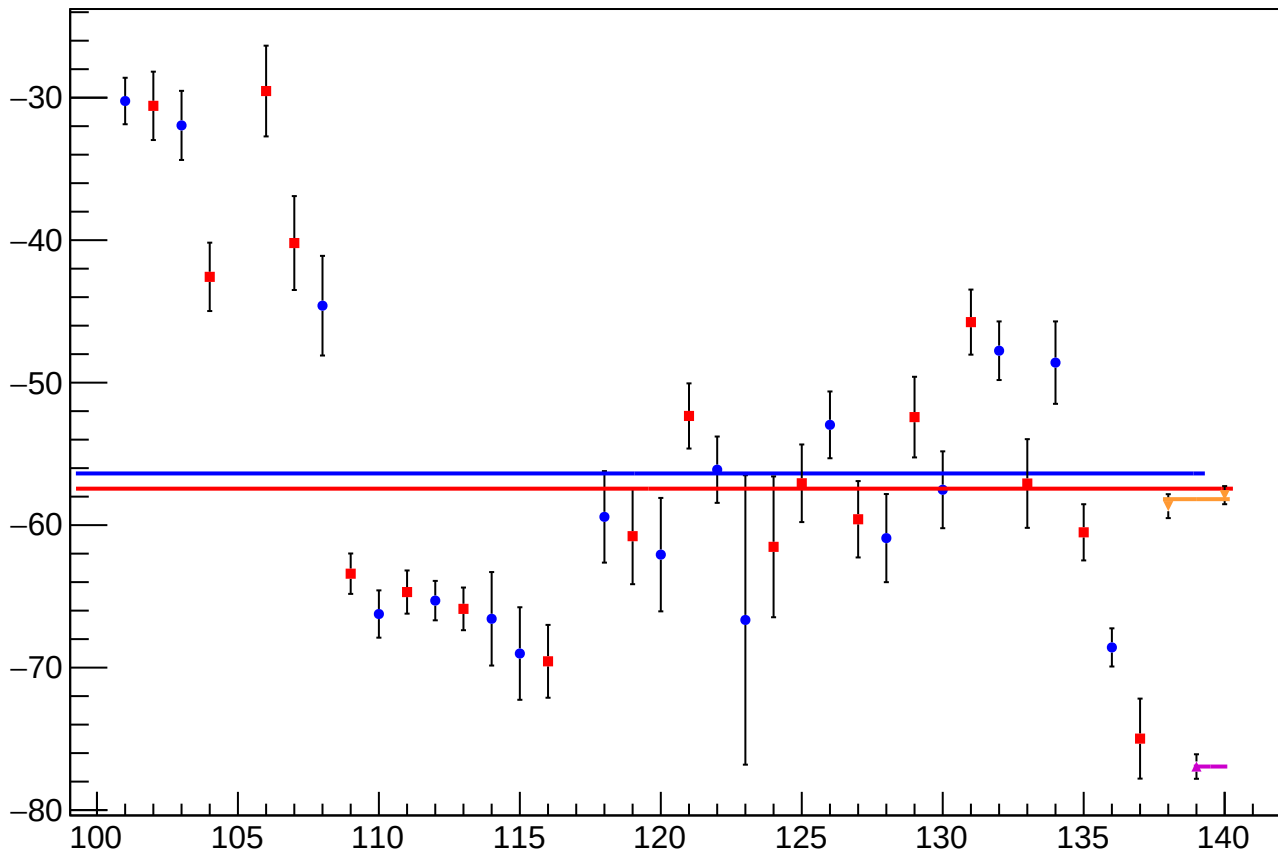
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 4.082 $\pm$ 0.302 χ^2 /NDF:165.4/17

Out: 6.456 $\pm$ 0.249 χ^2 /NDF:307.1/19

All: 5.497 $\pm$ 0.192 χ^2 /NDF: 509.2/37

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -58.177 ± 0.507 $\chi^2/\text{NDF}: 0.5/1$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -76.942 ± 0.861 $\chi^2/\text{NDF}: 0.0/0$

Left: -63.006 ± 0.437 $\chi^2/\text{NDF}: 353.6/2$

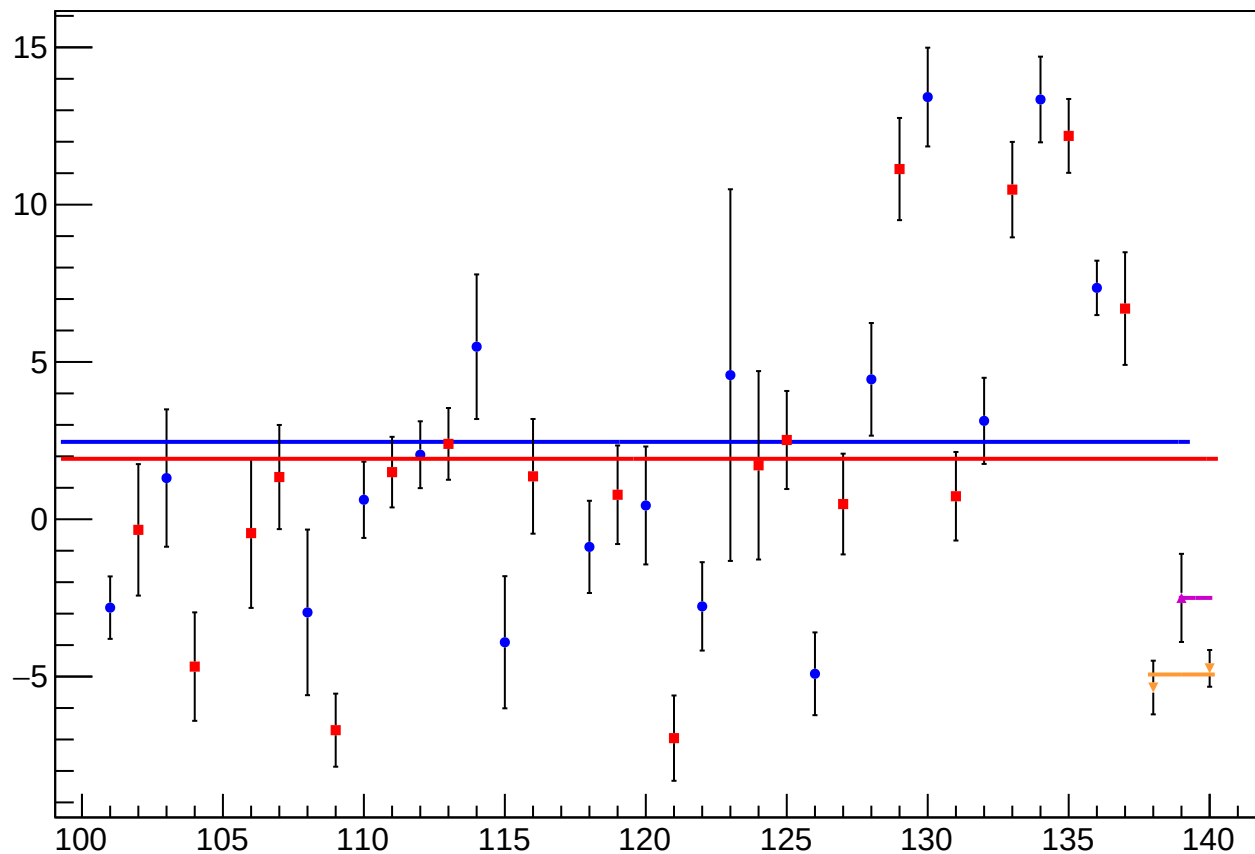
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -62.229 ± 0.459 $\chi^2/\text{NDF}: 996.2/17$

Out: -57.830 ± 0.368 $\chi^2/\text{NDF}: 442.5/19$

All: -59.553 ± 0.287 $\chi^2/\text{NDF}: 1494.5/37$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: -4.934 $\pm$ 0.482 χ^2 /NDF:0.3/1

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: -2.500 $\pm$ 1.401 χ^2 /NDF:0.0/0

Left: -4.676 $\pm$ 0.456 χ^2 /NDF: 3.0/2

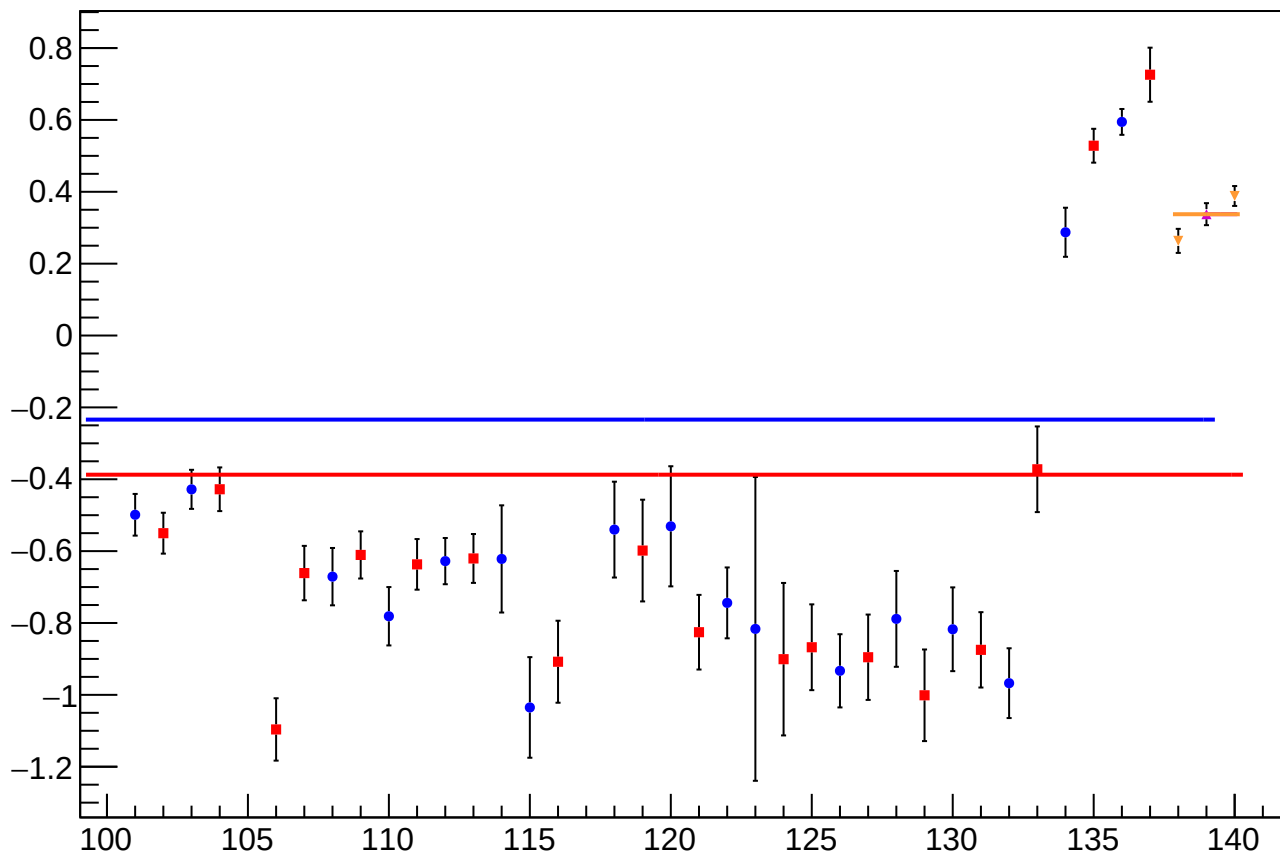
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 2.174 $\pm$ 0.336 χ^2 /NDF:255.8/17

Out: -0.490 $\pm$ 0.286 χ^2 /NDF:396.6/19

All: 0.629 $\pm$ 0.218 χ^2 /NDF: 688.9/37

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.338 ± 0.021 χ^2/NDF : 8.3/1

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.338 ± 0.031 χ^2/NDF : 0.0/0

Left: 0.338 ± 0.018 χ^2/NDF : 8.3/2

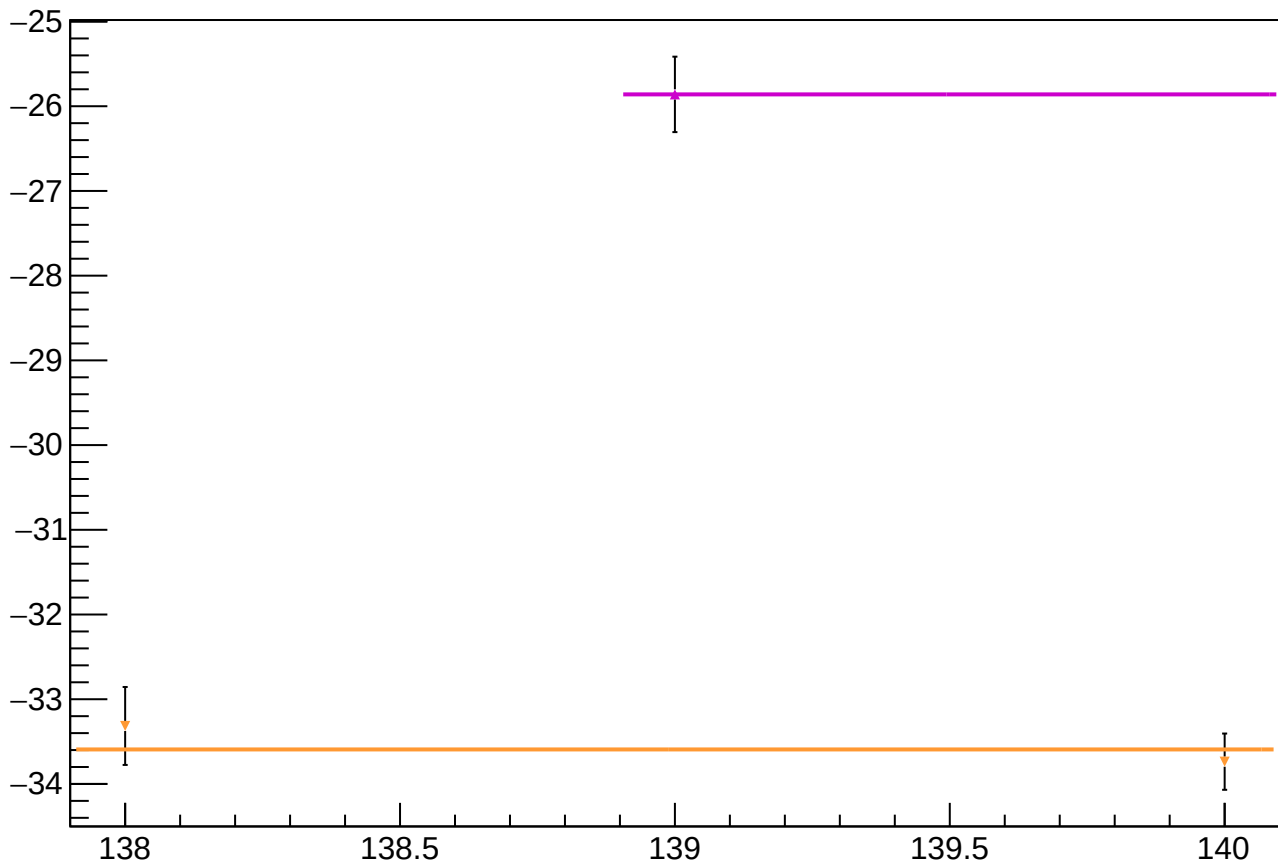
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: -0.076 ± 0.016 χ^2/NDF : 1210.6/17

Out: -0.067 ± 0.014 χ^2/NDF : 1498.5/19

All: -0.071 ± 0.011 χ^2/NDF : 2709.3/37

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

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

Left In: -25.860+/-0.445 χ^2/NDF : 0.0/0

Left: -31.522+/-0.230 χ^2/NDF : 221.4/2

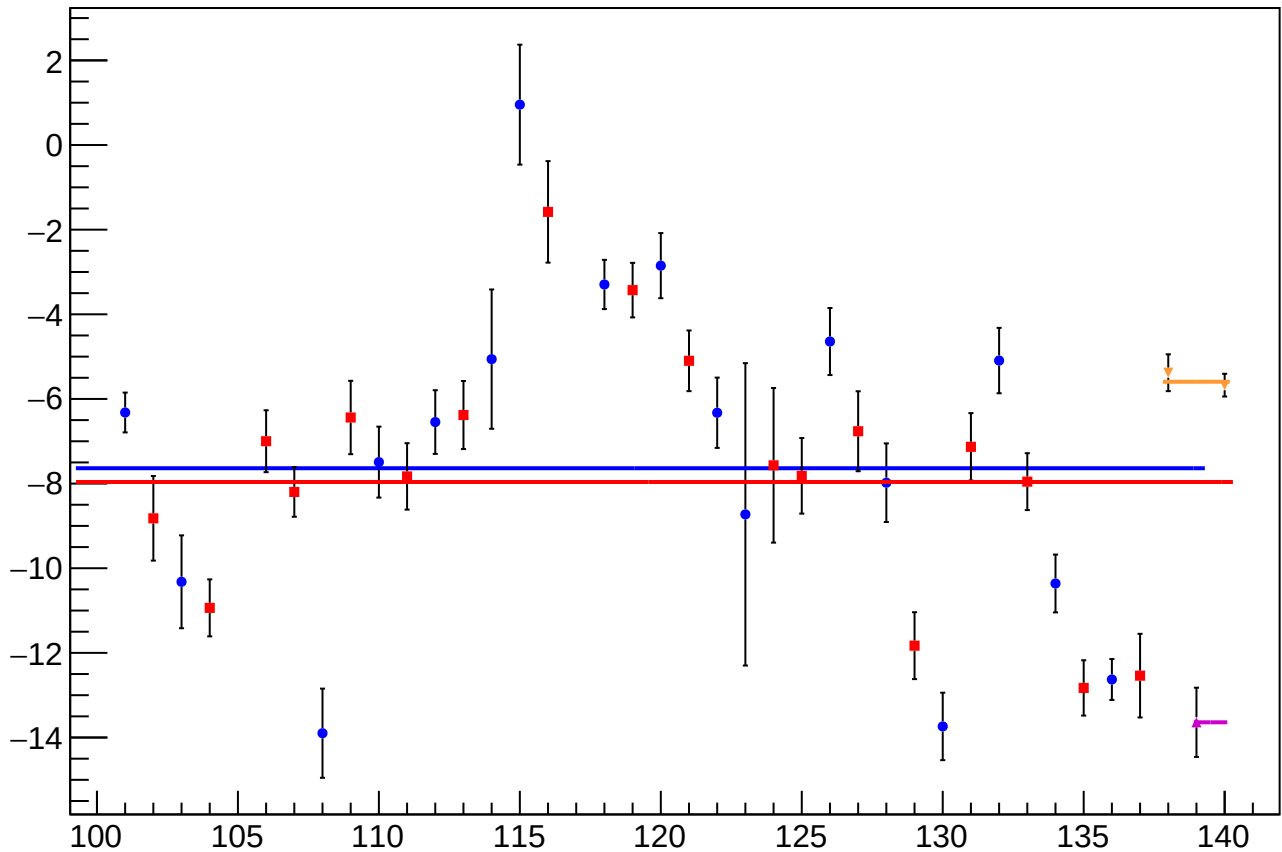
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.860+/-0.445 χ^2/NDF : 0.0/0

Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

All: -31.522+/-0.230 χ^2/NDF : 221.4/2

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.593 ± 0.228 χ^2/NDF : 0.3/1

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -13.641 ± 0.818 χ^2/NDF : 0.0/0

Left: -6.175 ± 0.220 χ^2/NDF : 90.2/2

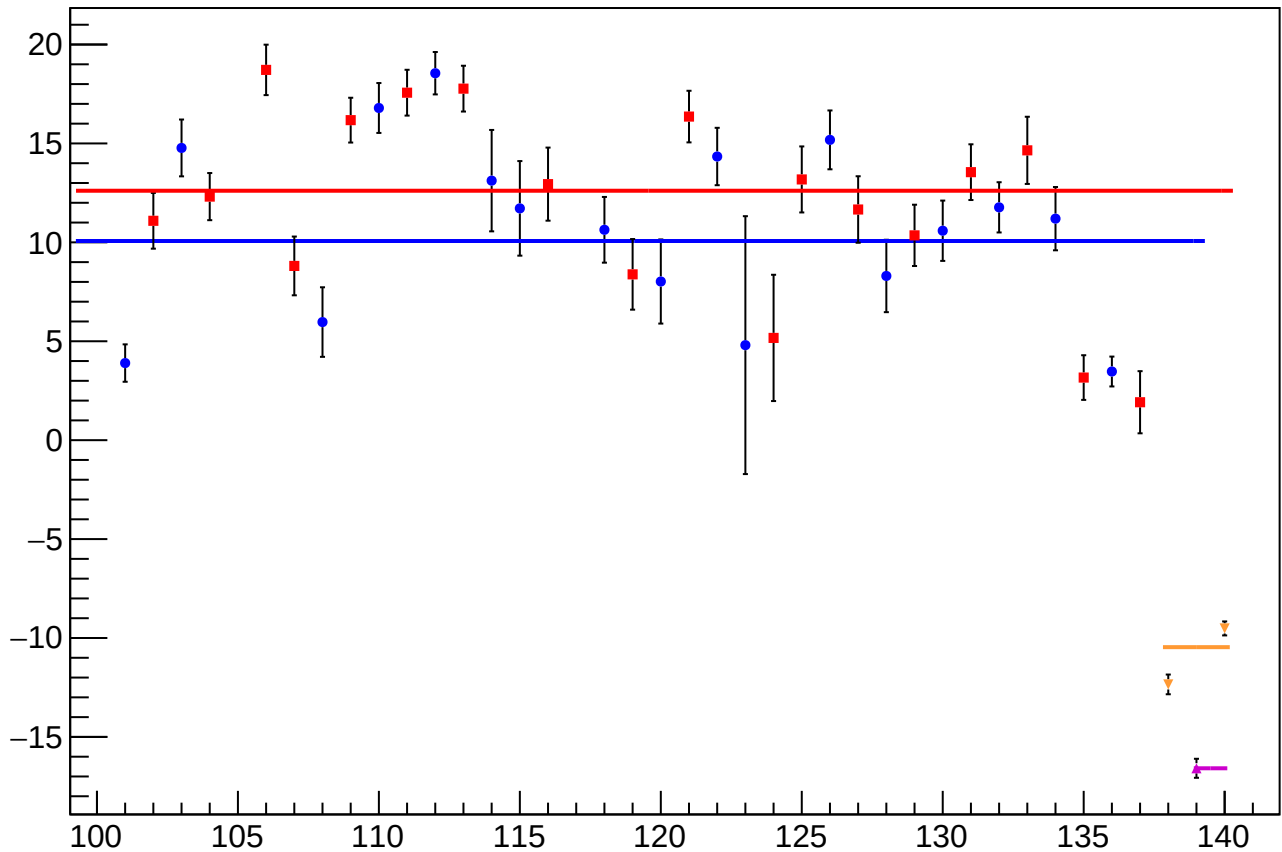
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.932 ± 0.181 χ^2/NDF : 445.3/17

Out: -7.018 ± 0.144 χ^2/NDF : 291.6/19

All: -7.372 ± 0.113 χ^2/NDF : 752.5/37

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -10.463 ± 0.288 χ^2/NDF : 21.5/1

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -16.586 ± 0.481 χ^2/NDF : 0.0/0

Left: -12.083 ± 0.247 χ^2/NDF : 140.8/2

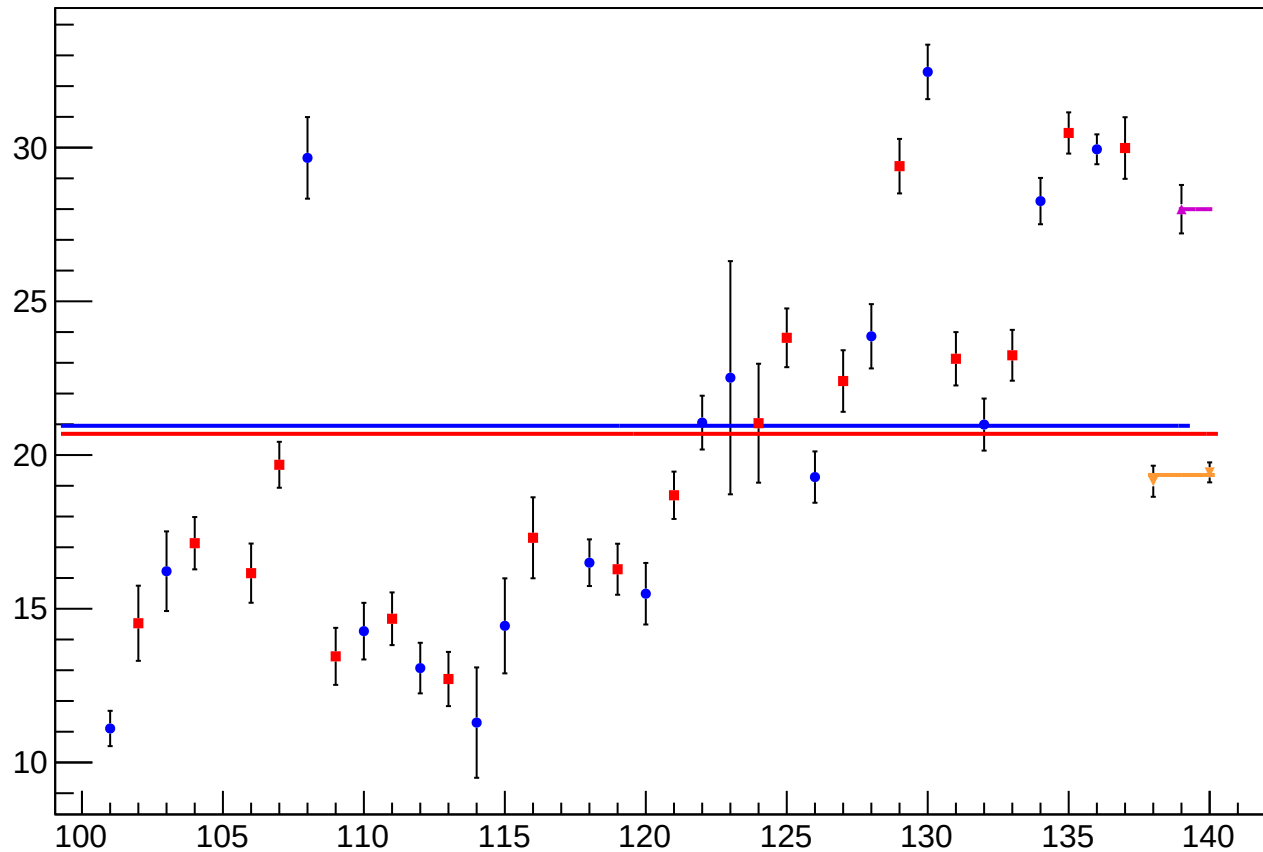
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: 1.269 ± 0.276 χ^2/NDF : 2313.6/17

Out: -0.580 ± 0.218 χ^2/NDF : 2982.9/19

All: 0.130 ± 0.171 χ^2/NDF : 5324.1/37

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 19.352 $\pm$ 0.273 χ^2 /NDF: 0.2/1

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 27.997 $\pm$ 0.788 χ^2 /NDF: 0.0/0

Left: 20.279 $\pm$ 0.258 χ^2 /NDF: 107.6/2

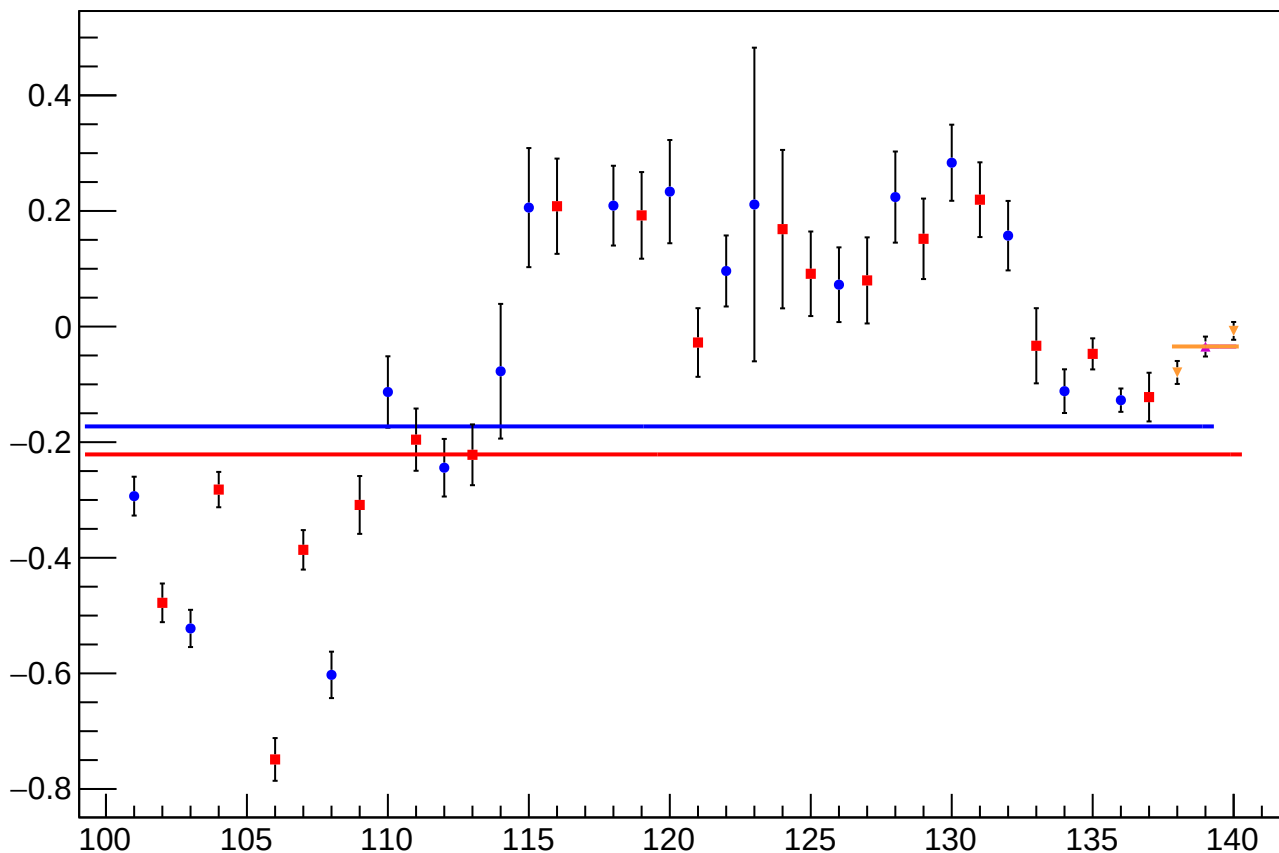
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.418 $\pm$ 0.203 χ^2 /NDF: 1297.4/17

Out: 20.185 $\pm$ 0.168 χ^2 /NDF: 742.1/19

All: 20.686 $\pm$ 0.129 χ^2 /NDF: 2061.4/37

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.034 ± 0.012 χ^2/NDF : 8.2/1

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.035 ± 0.017 χ^2/NDF : 0.0/0

Left: -0.034 ± 0.010 χ^2/NDF : 8.2/2

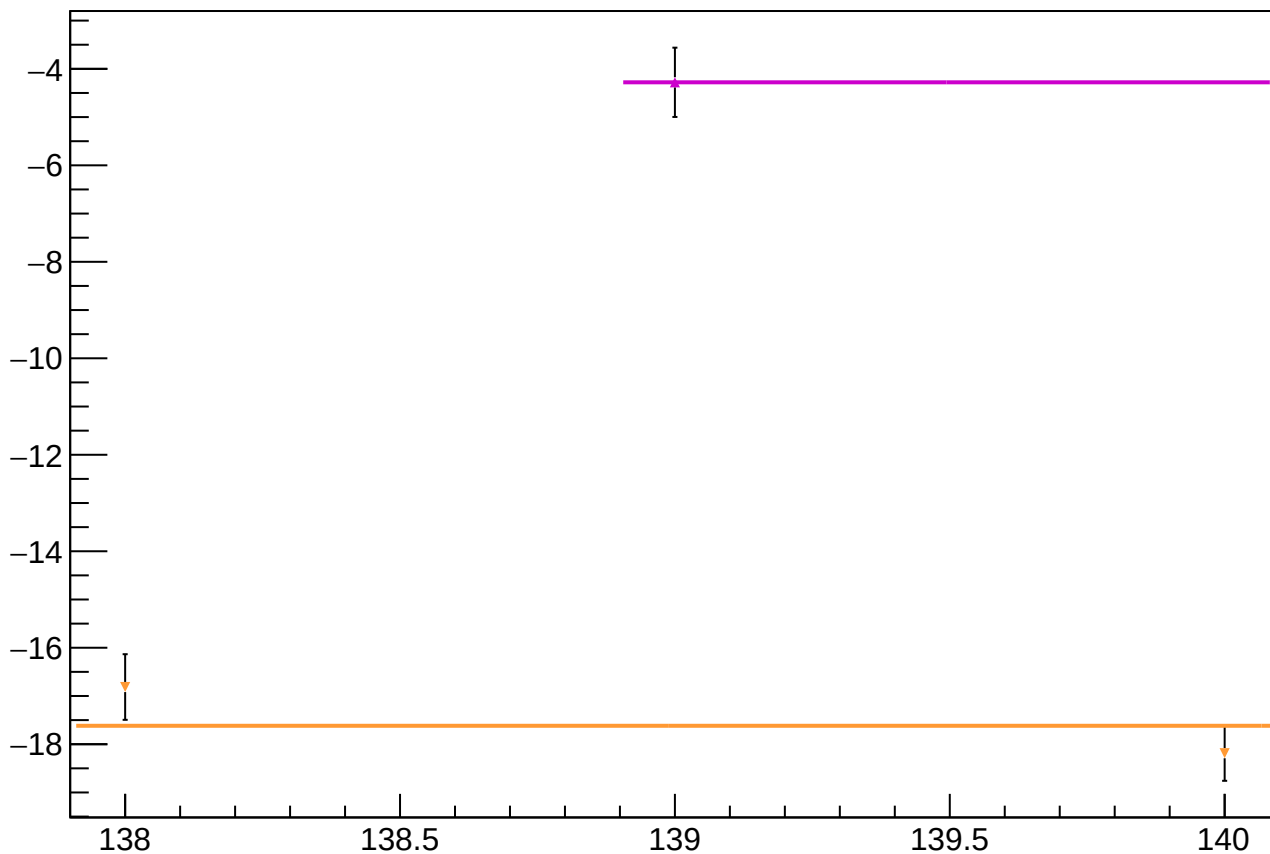
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.132 ± 0.009 χ^2/NDF : 505.5/17

Out: -0.137 ± 0.008 χ^2/NDF : 673.3/19

All: -0.135 ± 0.006 χ^2/NDF : 1179.1/37

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -17.618+/-0.438 χ^2/NDF : 2.4/1

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

Left In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Left: -14.004+/-0.374 χ^2/NDF : 253.9/2

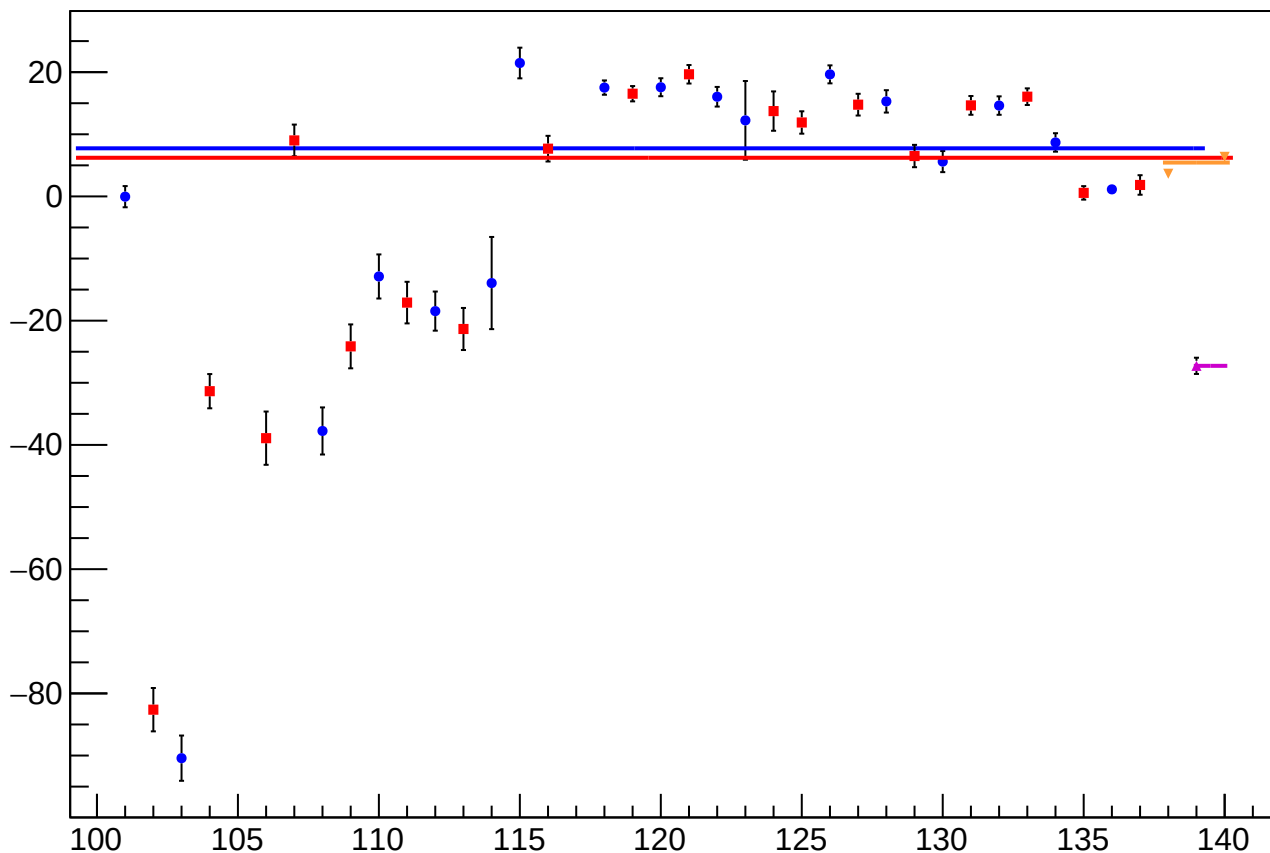
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.279+/-0.718 χ^2/NDF : 0.0/0

Out: -17.618+/-0.438 χ^2/NDF : 2.4/1

All: -14.004+/-0.374 χ^2/NDF : 253.9/2

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.449 ± 0.378 χ^2/NDF : 11.6/1

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: -27.271 ± 1.307 χ^2/NDF : 0.0/0

Left: 2.928 ± 0.363 χ^2/NDF : 589.9/2

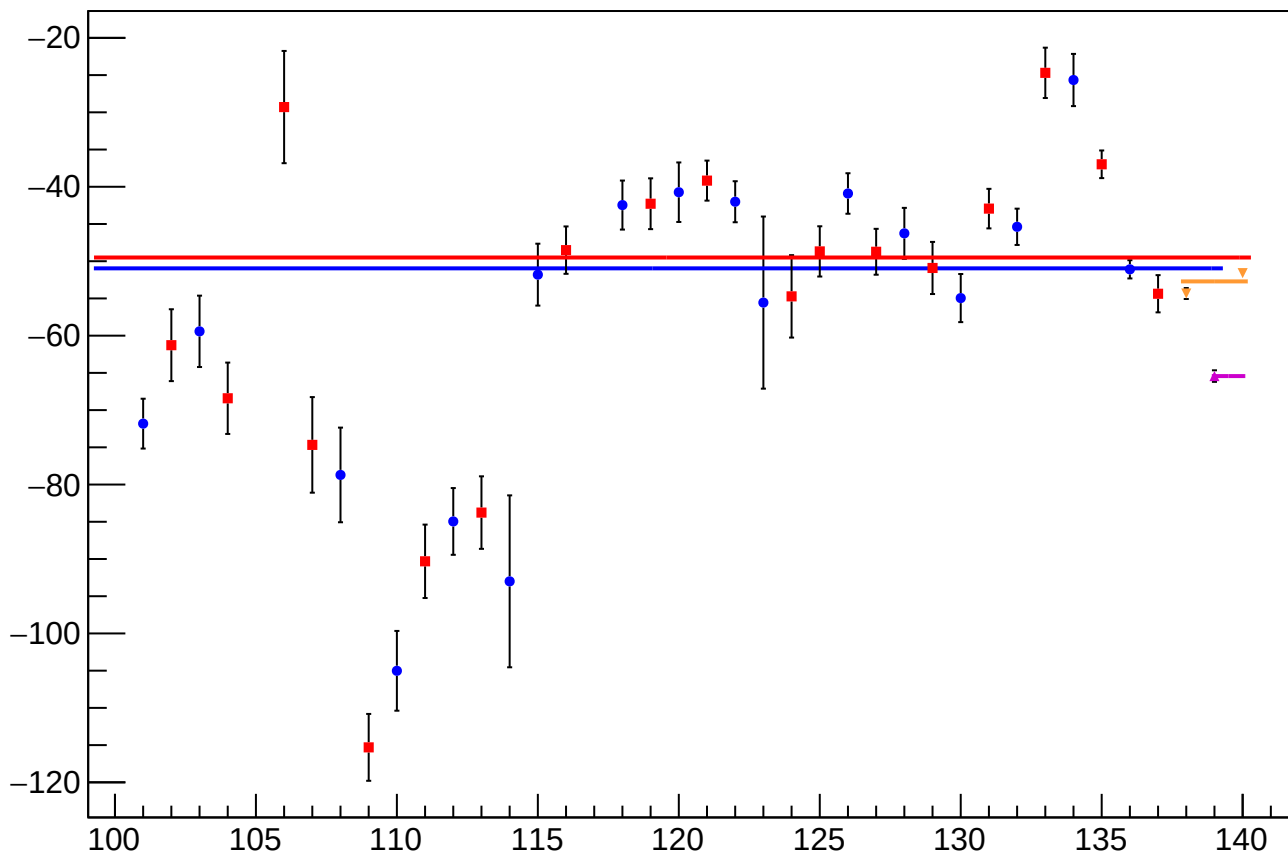
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 4.703 ± 0.385 χ^2/NDF : 2014.1/17

Out: 5.782 ± 0.285 χ^2/NDF : 1459.3/19

All: 5.401 ± 0.229 χ^2/NDF : 3478.5/37

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -52.712 ± 0.469 χ^2/NDF : 8.2/1

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -65.430 ± 0.776 χ^2/NDF : 0.0/0

Left: -56.117 ± 0.402 χ^2/NDF : 204.6/2

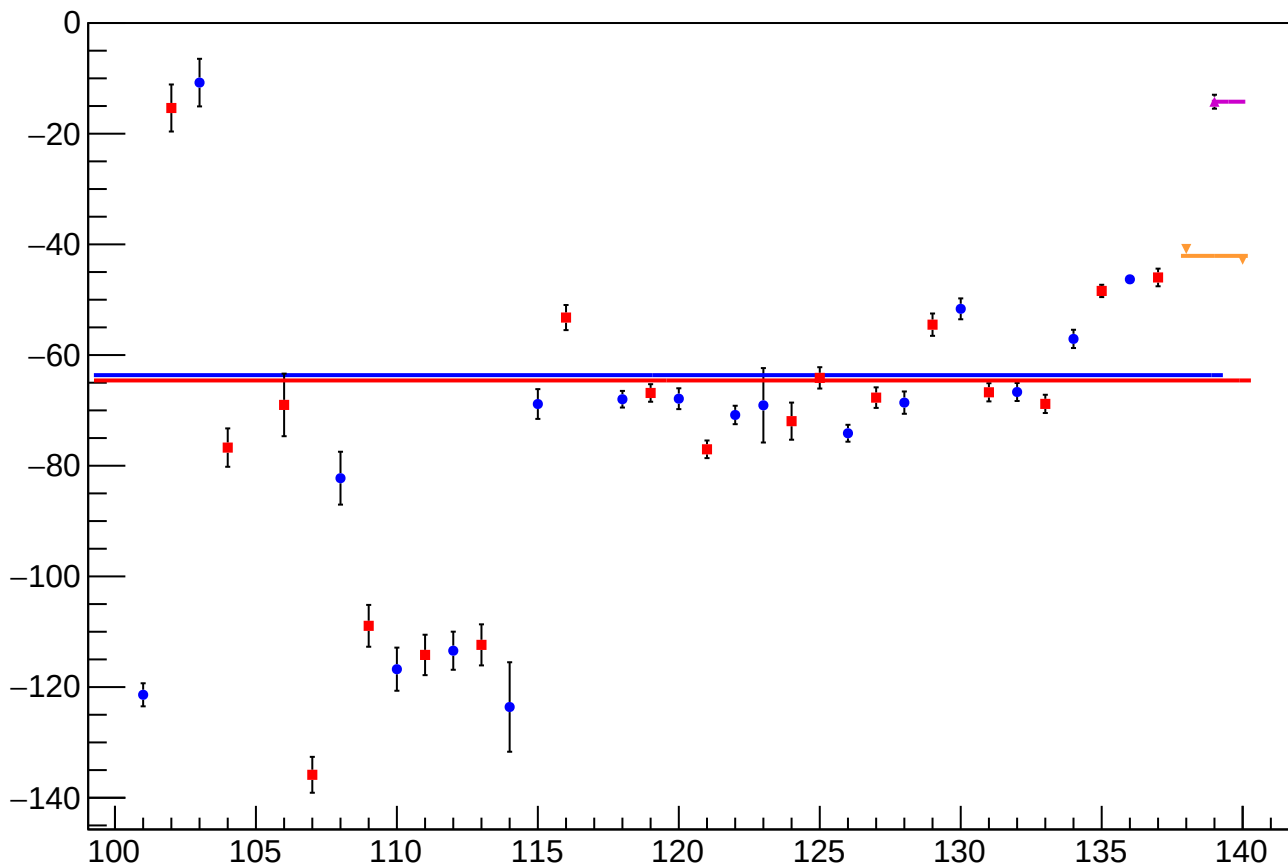
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -57.831 ± 0.535 χ^2/NDF : 514.3/17

Out: -51.887 ± 0.405 χ^2/NDF : 526.6/19

All: -54.050 ± 0.323 χ^2/NDF : 1119.4/37

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -42.077 ± 0.450 χ^2/NDF : 4.3/1

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -14.219 ± 1.260 χ^2/NDF : 0.0/0

Left: -38.918 ± 0.424 χ^2/NDF : 438.0/2

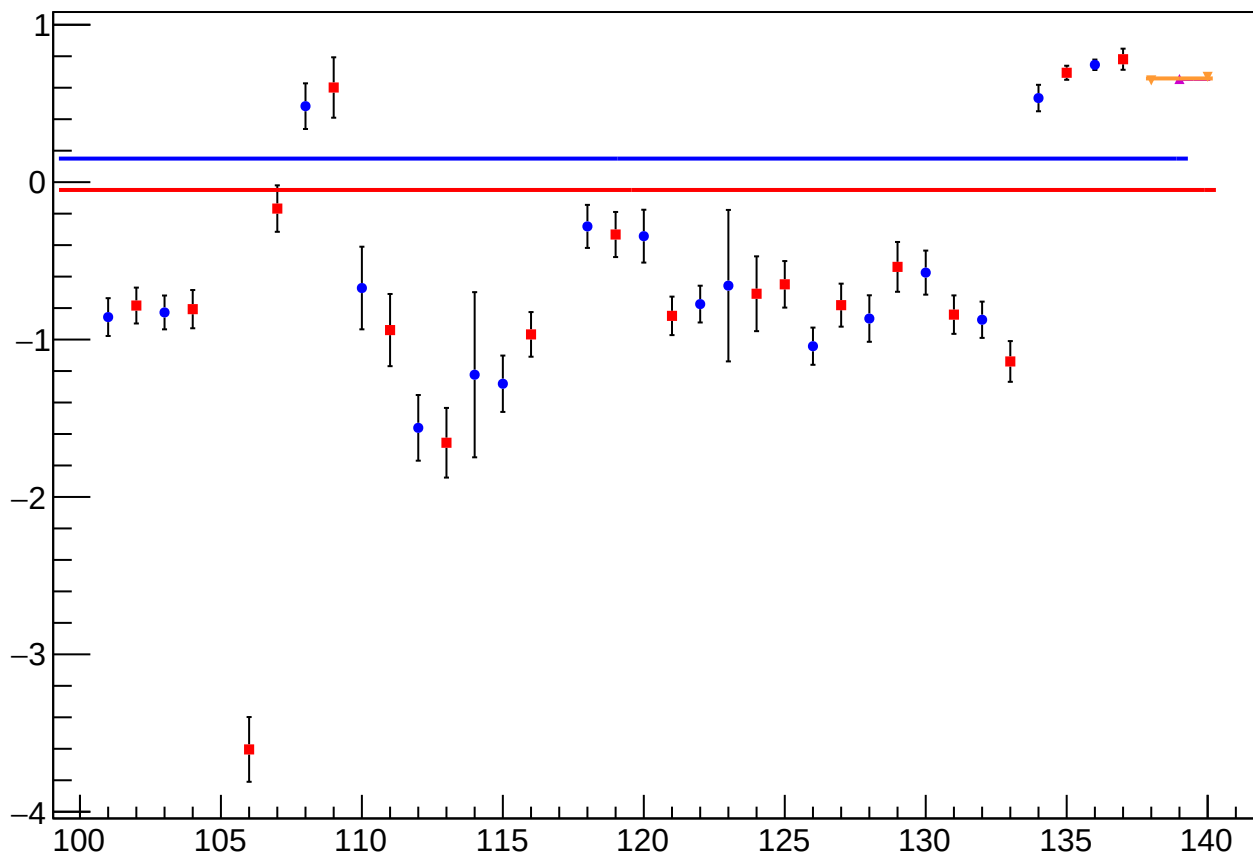
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -58.129 ± 0.420 χ^2/NDF : 3378.9/17

Out: -52.569 ± 0.329 χ^2/NDF : 2762.6/19

All: -54.683 ± 0.259 χ^2/NDF : 6250.0/37

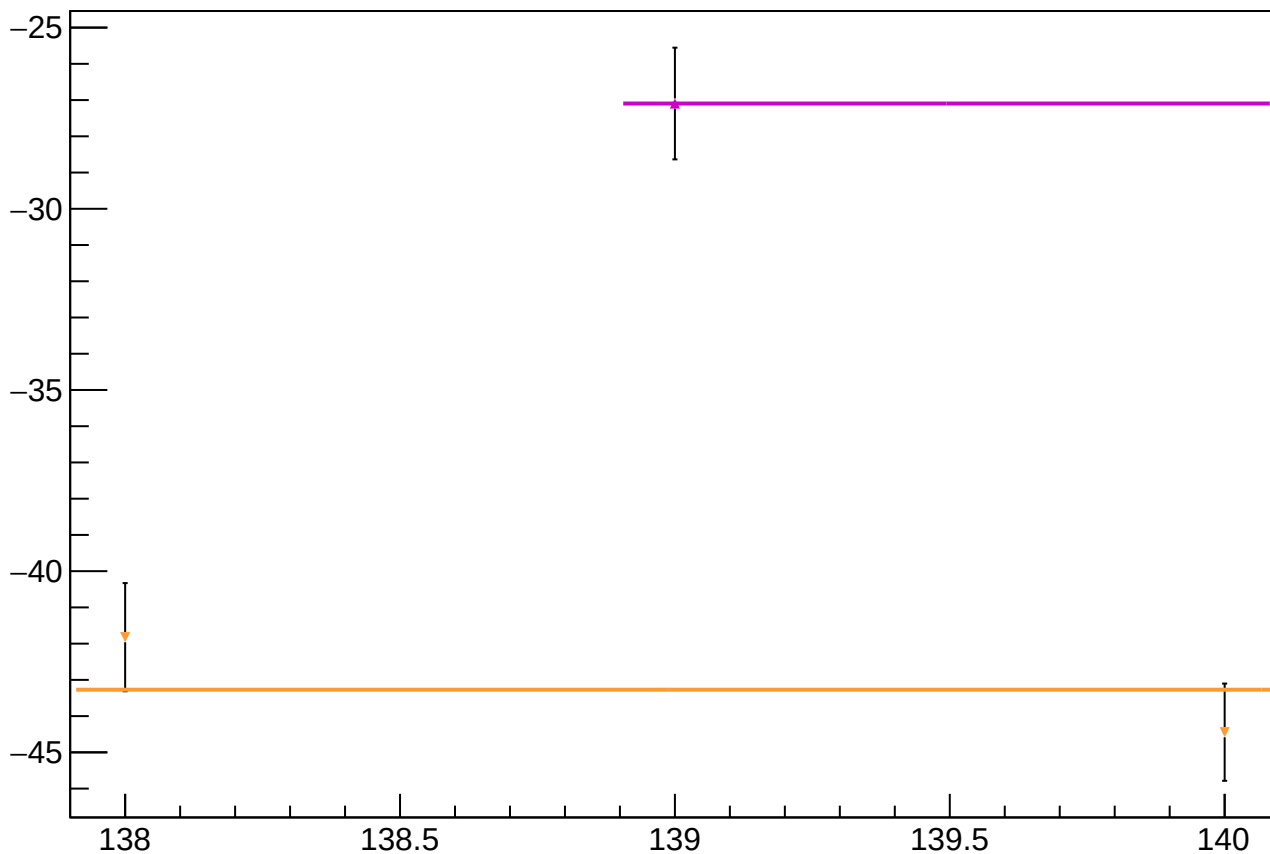
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.659 $\pm$ 0.020 χ^2 /NDF:0.3/1
 Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17
 Left In: 0.655 $\pm$ 0.028 χ^2 /NDF:0.0/0

Left: 0.658 $\pm$ 0.016 χ^2 /NDF: 0.3/2
 Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34
 In: 0.368 $\pm$ 0.018 χ^2 /NDF:1180.8/17
 Out: 0.403 $\pm$ 0.016 χ^2 /NDF:1620.7/19
 All: 0.388 $\pm$ 0.012 χ^2 /NDF: 2803.6/37

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -43.272+/-0.998 χ^2/NDF : 1.7/1

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

Left In: -27.095+/-1.541 χ^2/NDF : 0.0/0

Left: -38.495+/-0.838 χ^2/NDF : 79.3/2

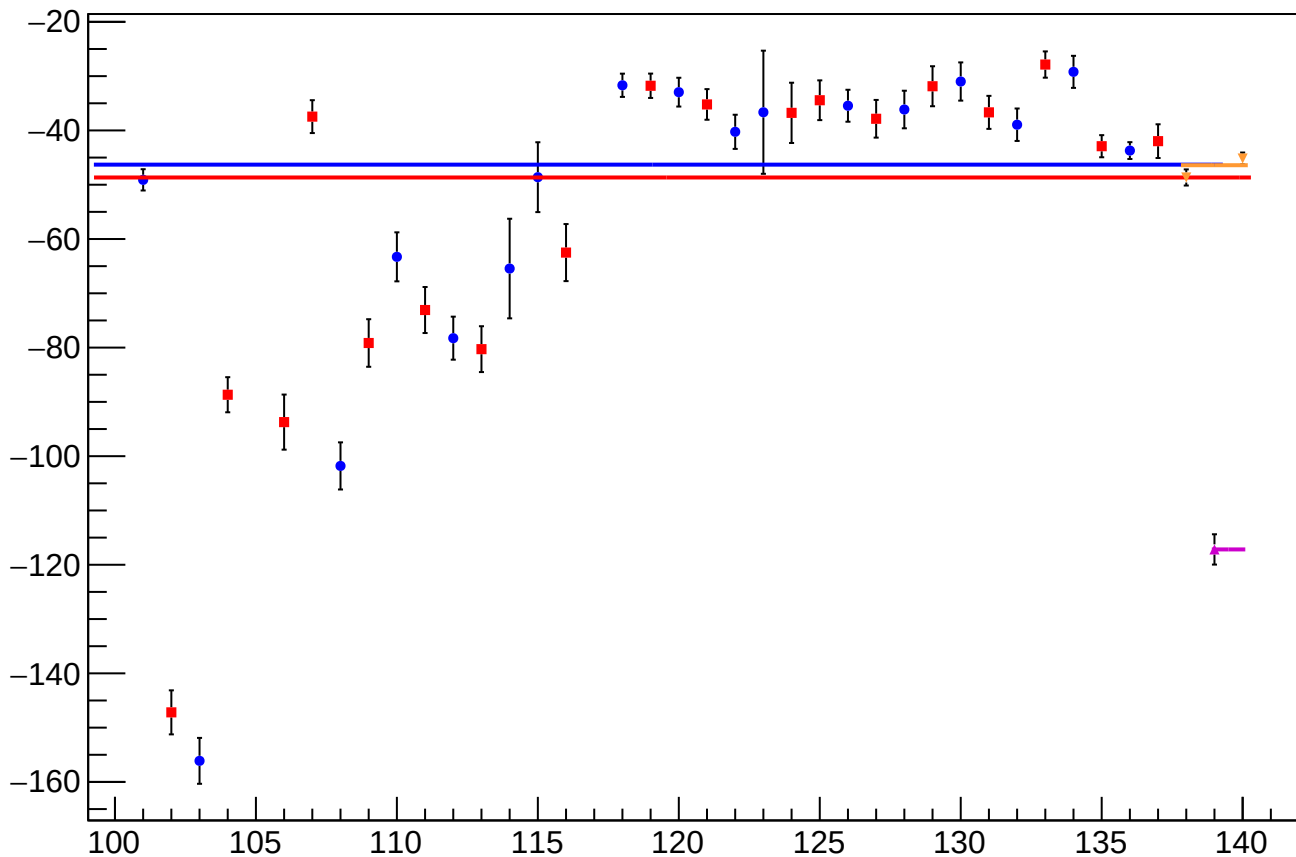
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.095+/-1.541 χ^2/NDF : 0.0/0

Out: -43.272+/-0.998 χ^2/NDF : 1.7/1

All: -38.495+/-0.838 χ^2/NDF : 79.3/2

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -46.406 ± 0.883 χ^2/NDF : 3.6/1

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -117.175 ± 2.792 χ^2/NDF : 0.0/0

Left: -52.846 ± 0.842 χ^2/NDF : 587.6/2

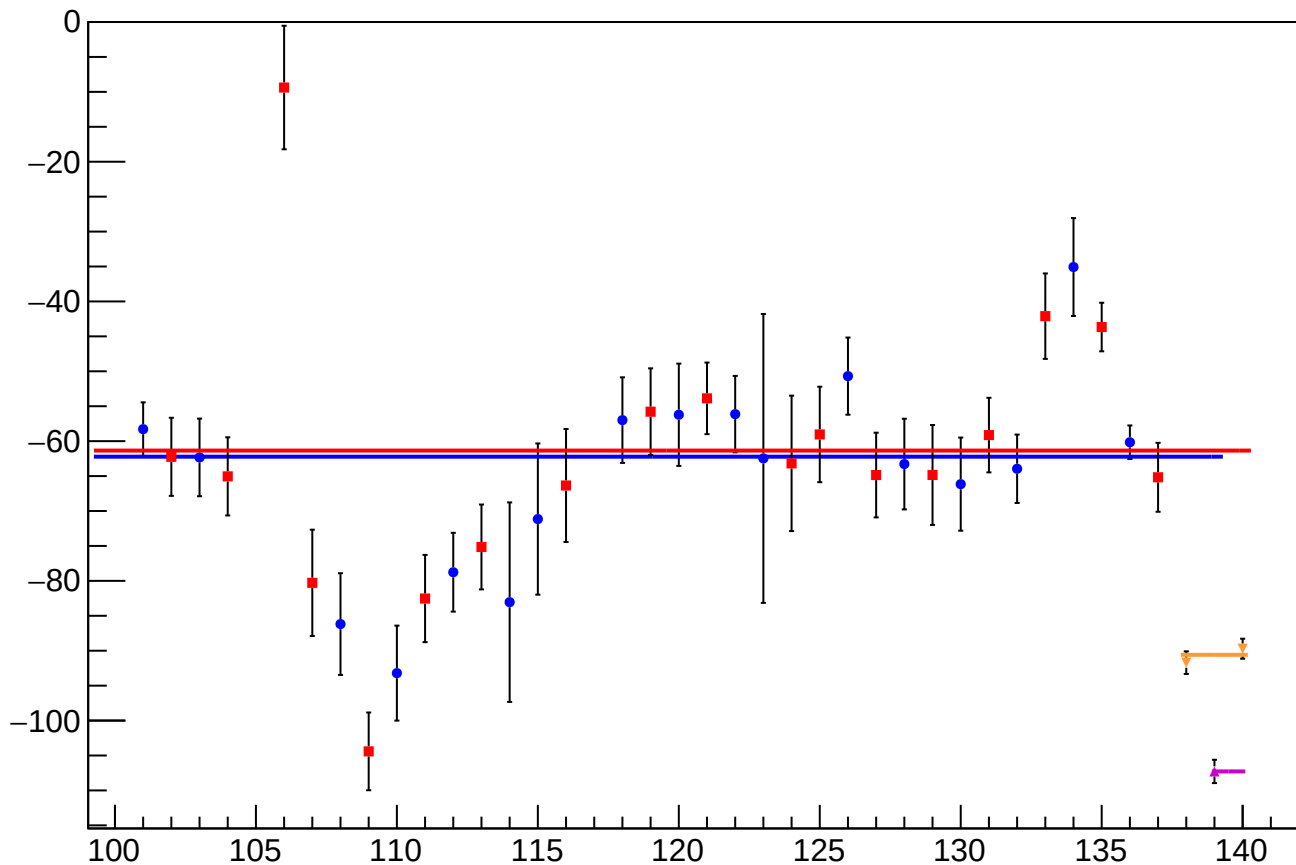
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -50.761 ± 0.700 χ^2/NDF : 1687.8/17

Out: -47.700 ± 0.578 χ^2/NDF : 1219.6/19

All: -48.939 ± 0.446 χ^2/NDF : 2918.7/37

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -90.585 ± 1.071 χ^2/NDF : 0.9/1

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -107.280 ± 1.668 χ^2/NDF : 0.0/0

Left: -95.460 ± 0.901 χ^2/NDF : 71.8/2

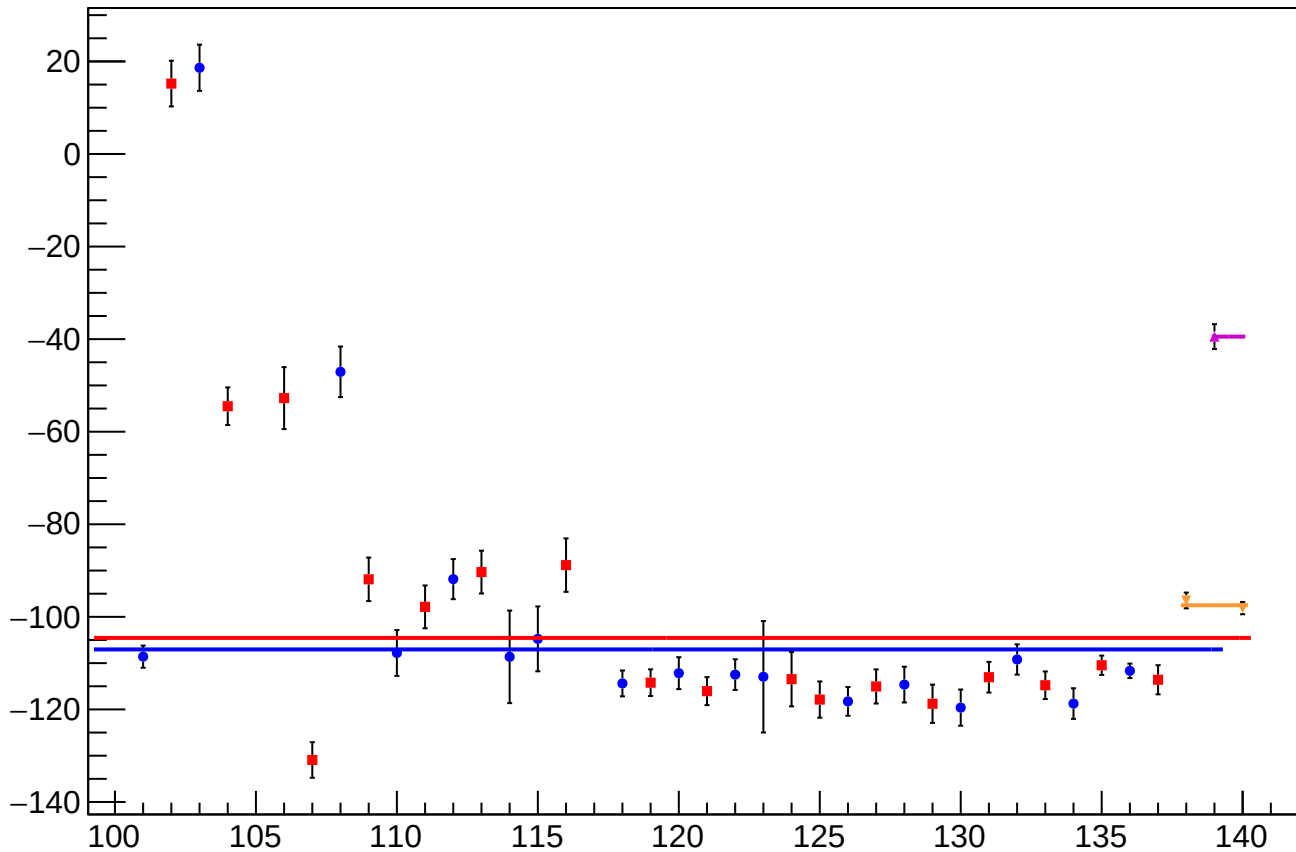
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -79.443 ± 1.031 χ^2/NDF : 518.4/17

Out: -79.625 ± 0.847 χ^2/NDF : 438.6/19

All: -79.552 ± 0.654 χ^2/NDF : 957.0/37

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -97.494 ± 1.047 χ^2/NDF : 0.6/1

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -39.455 ± 2.689 χ^2/NDF : 0.0/0

Left: -89.854 ± 0.976 χ^2/NDF : 405.1/2

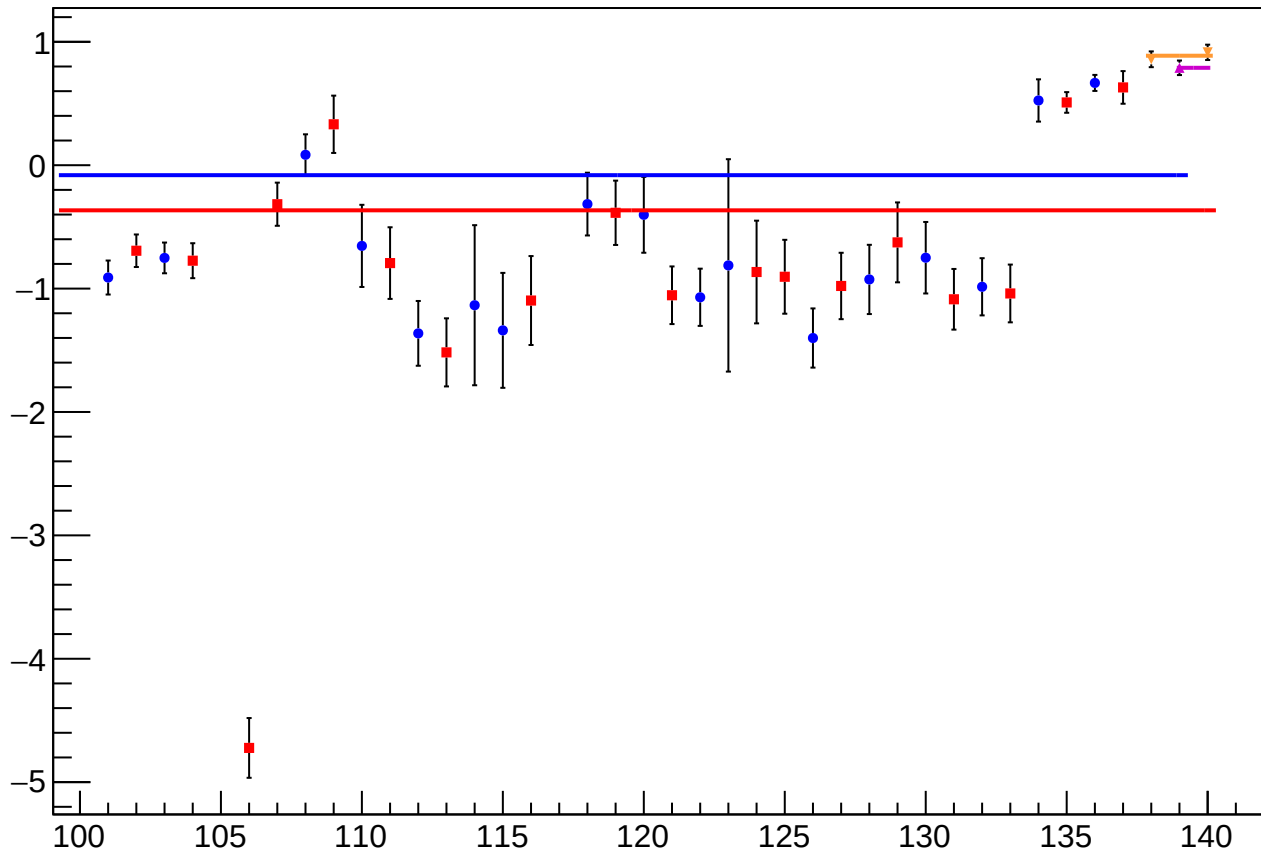
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -101.389 ± 0.778 χ^2/NDF : 1406.7/17

Out: -101.704 ± 0.665 χ^2/NDF : 995.1/19

All: -101.571 ± 0.505 χ^2/NDF : 2401.9/37

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.887 ± 0.045 χ^2/NDF : 0.4/1

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.789 ± 0.059 χ^2/NDF : 0.0/0

Left: 0.852 ± 0.036 χ^2/NDF : 2.2/2

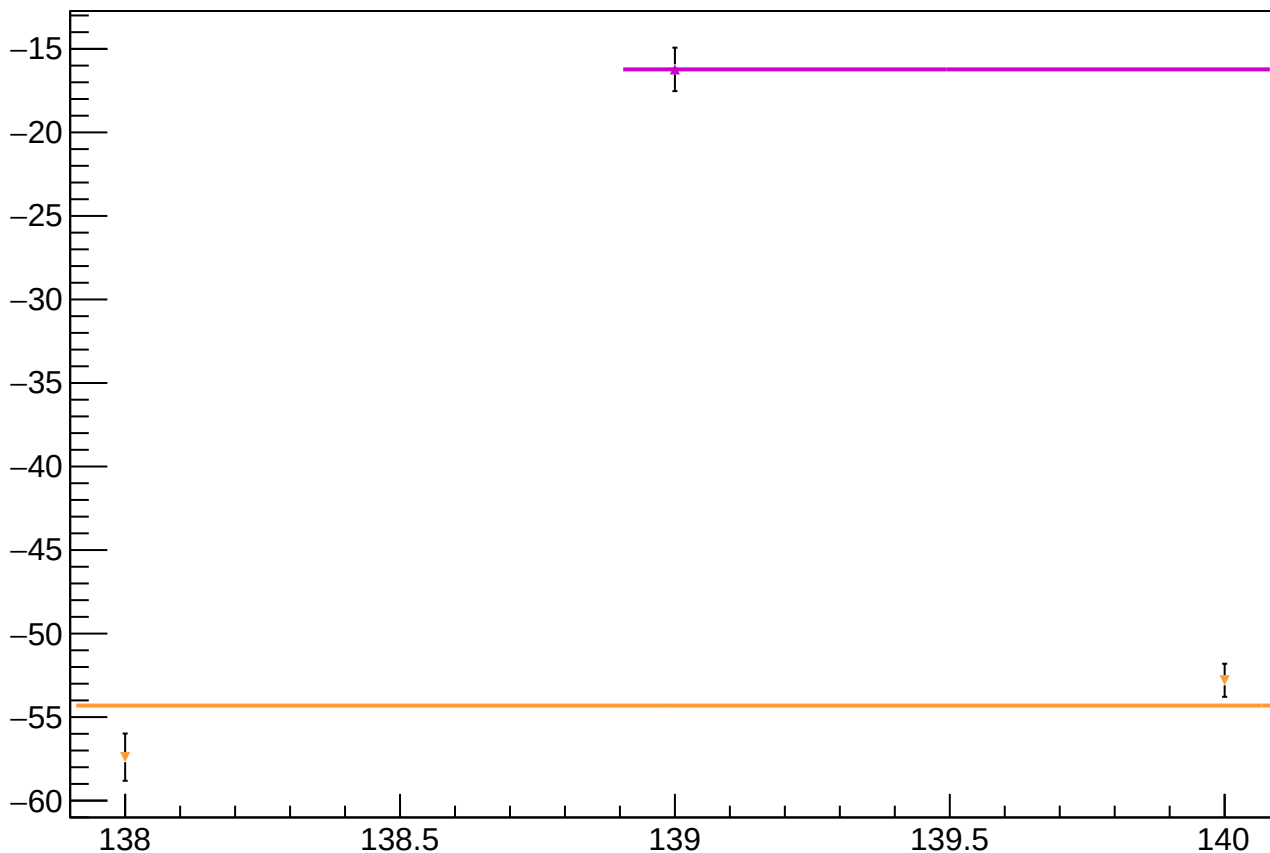
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.214 ± 0.034 χ^2/NDF : 473.1/17

Out: 0.253 ± 0.031 χ^2/NDF : 973.4/19

All: 0.235 ± 0.023 χ^2/NDF : 1447.1/37

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -54.309+/-0.811 χ^2/NDF : 7.1/1

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

Left In: -16.228+/-1.300 χ^2/NDF : 0.0/0

Left: -43.638+/-0.688 χ^2/NDF : 624.6/2

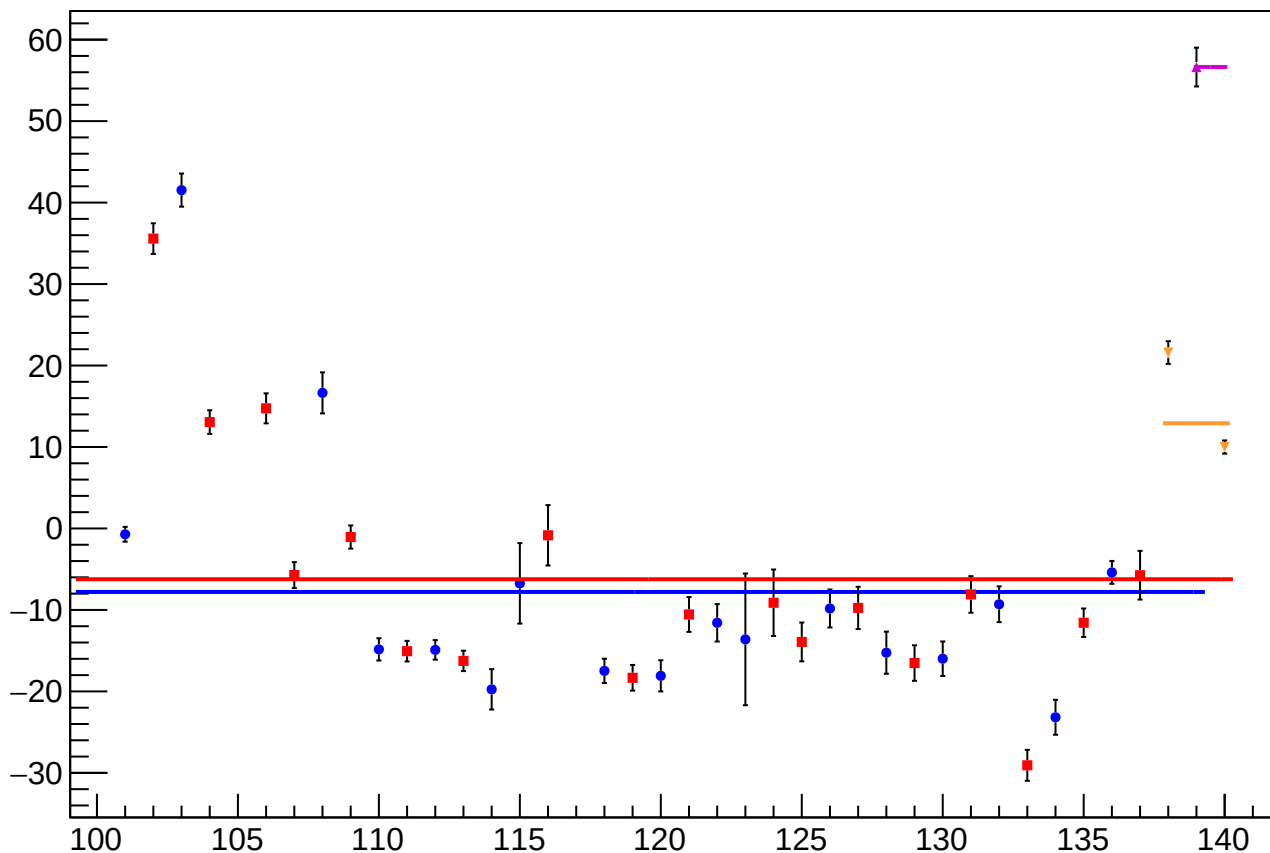
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.228+/-1.300 χ^2/NDF : 0.0/0

Out: -54.309+/-0.811 χ^2/NDF : 7.1/1

All: -43.638+/-0.688 χ^2/NDF : 624.6/2

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: 12.913 ± 0.699 χ^2/NDF : 51.8/1

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: 56.635 ± 2.381 χ^2/NDF : 0.0/0

Left: 16.385 ± 0.671 χ^2/NDF : 362.3/2

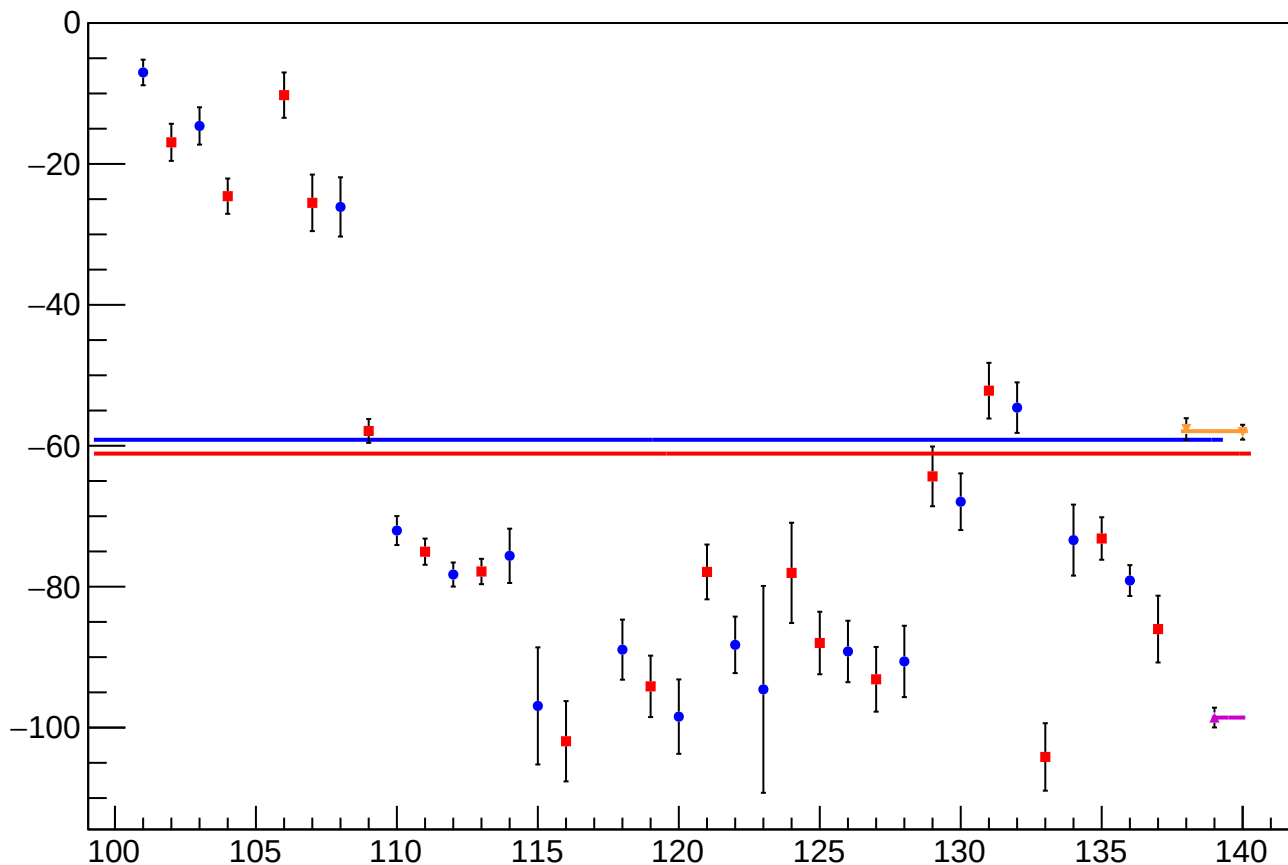
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -5.777 ± 0.421 χ^2/NDF : 1692.3/17

Out: -0.981 ± 0.366 χ^2/NDF : 1778.9/19

All: -3.045 ± 0.276 χ^2/NDF : 3545.0/37

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -57.929 ± 0.869 χ^2/NDF : 0.1/1

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -98.575 ± 1.404 χ^2/NDF : 0.0/0

Left: -69.183 ± 0.739 χ^2/NDF : 605.9/2

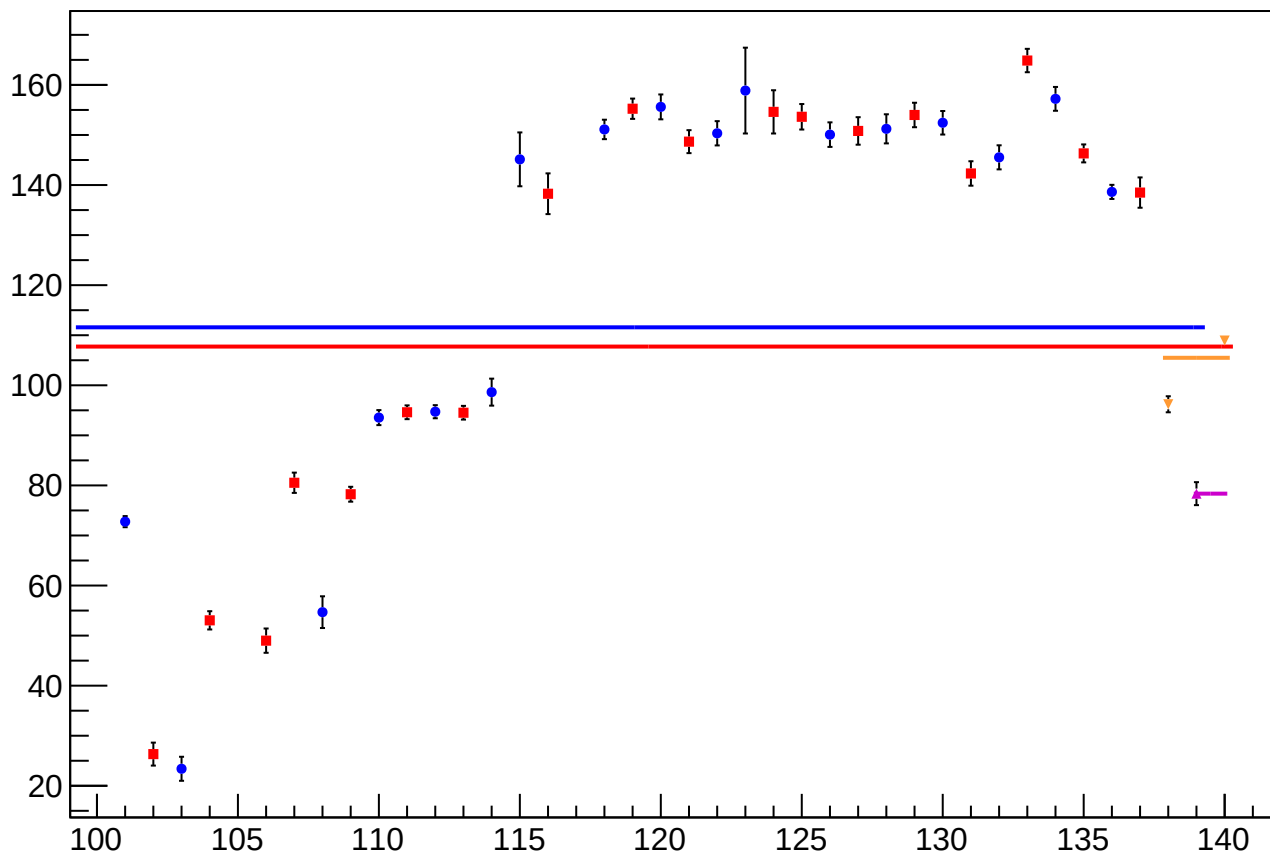
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -67.814 ± 0.658 χ^2/NDF : 2333.3/17

Out: -59.843 ± 0.549 χ^2/NDF : 1325.9/19

All: -63.111 ± 0.422 χ^2/NDF : 3745.8/37

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580±/0.487 χ^2/NDF : 5946.0/16

Left Out: 105.491±/0.834 χ^2/NDF :46.0/1

Right Out: 107.735±/0.489 χ^2/NDF : 6836.2/17

Left In: 78.355±/2.295 χ^2/NDF :0.0/0

Left: 102.328±/0.784 χ^2/NDF : 169.5/2

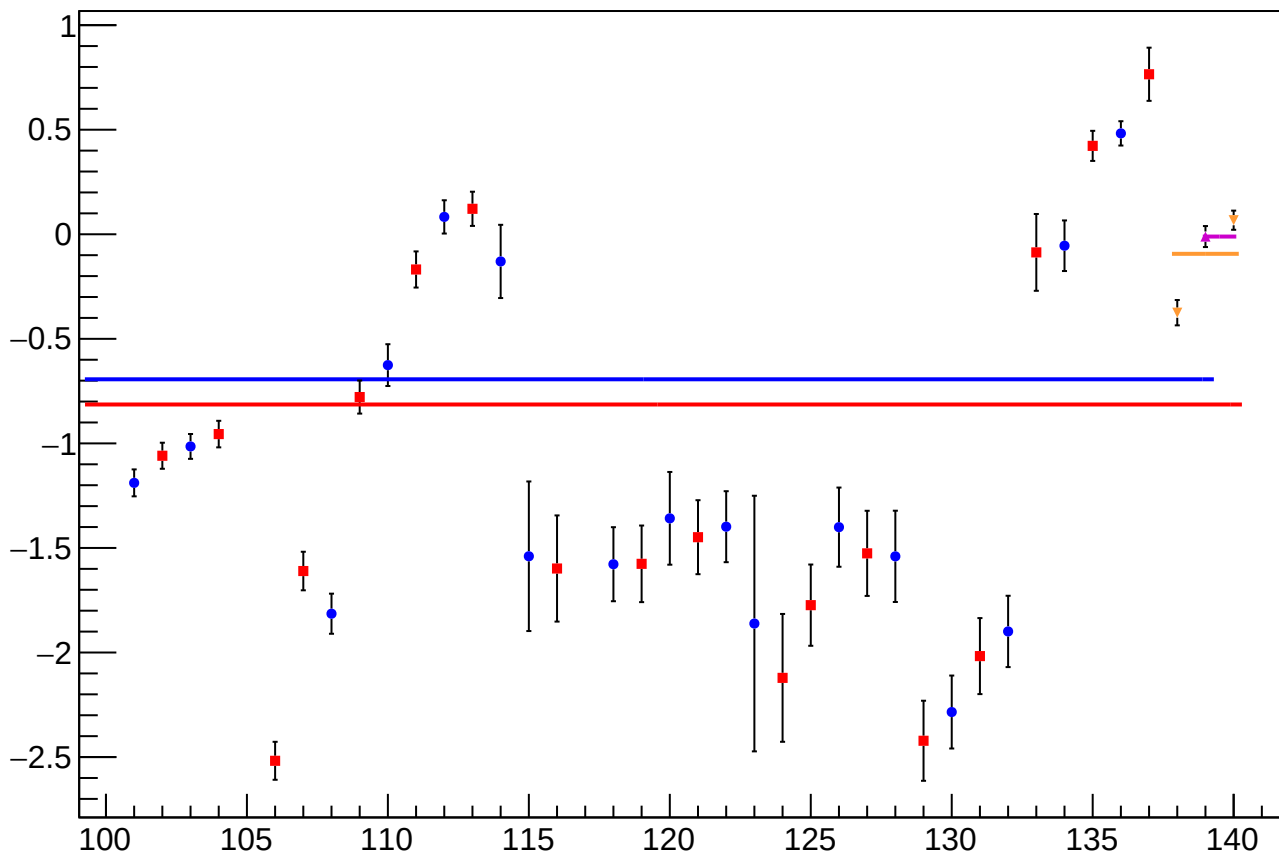
Right: 109.661±/0.345 χ^2/NDF : 12813.2/34

In: 110.145±/0.477 χ^2/NDF :6146.5/17

Out: 107.161±/0.422 χ^2/NDF :6887.5/19

All: 108.470±/0.316 χ^2/NDF : 13056.0/37

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.094 ± 0.037 χ^2/NDF : 33.9/1

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.011 ± 0.050 χ^2/NDF : 0.0/0

Left: -0.065 ± 0.030 χ^2/NDF : 35.7/2

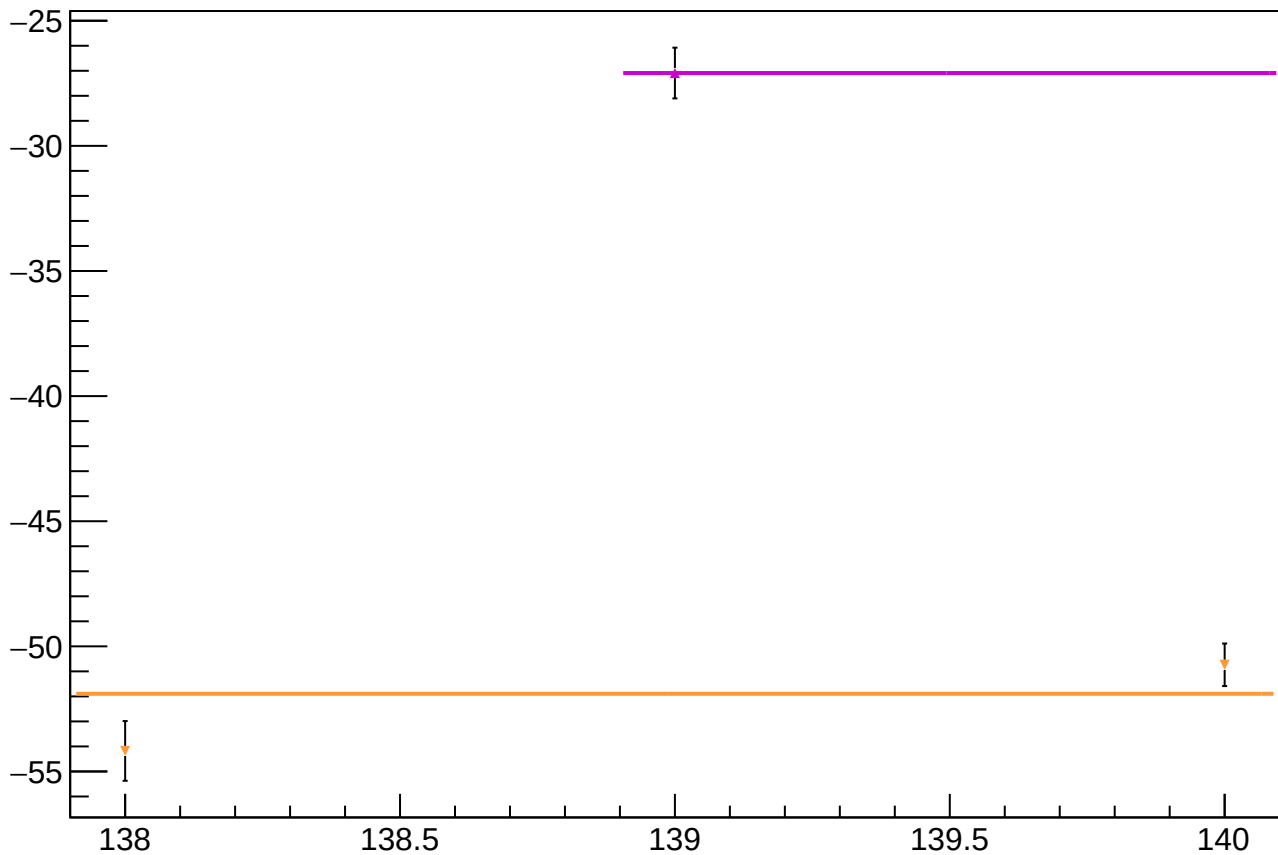
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.551 ± 0.023 χ^2/NDF : 1136.9/17

Out: -0.591 ± 0.020 χ^2/NDF : 1611.2/19

All: -0.573 ± 0.015 χ^2/NDF : 2749.7/37

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -51.896 +/- 0.692 χ^2/NDF : 5.5/1

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

Left In: -27.090 +/- 1.014 χ^2/NDF : 0.0/0

Left: -44.005 +/- 0.572 χ^2/NDF : 413.9/2

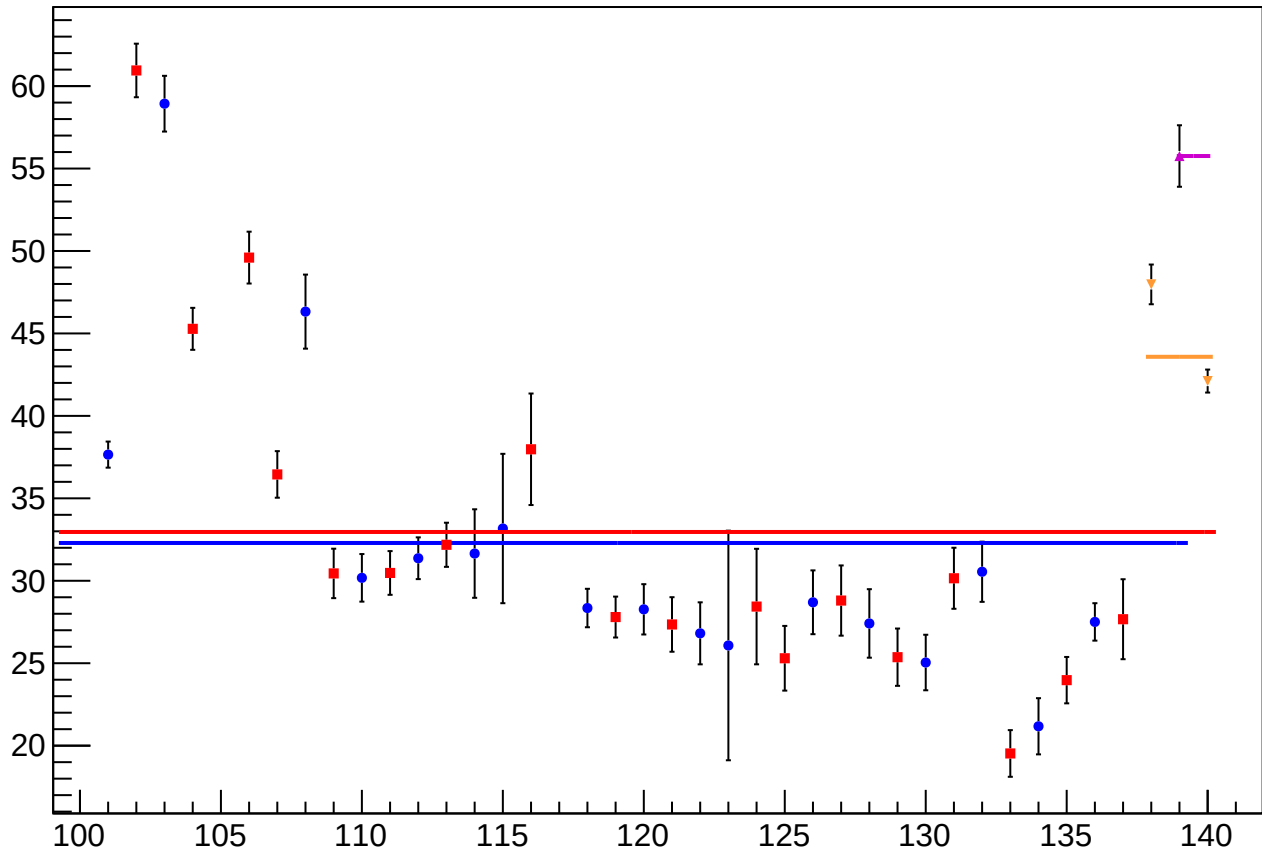
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -27.090 +/- 1.014 χ^2/NDF : 0.0/0

Out: -51.896 +/- 0.692 χ^2/NDF : 5.5/1

All: -44.005 +/- 0.572 χ^2/NDF : 413.9/2

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 43.583+/-0.604 χ^2/NDF : 17.7/1

Right Out: 32.960+/-0.380 χ^2/NDF : 724.0/17

Left In: 55.759+/-1.865 χ^2/NDF : 0.0/0

Left: 44.738+/-0.574 χ^2/NDF : 56.3/2

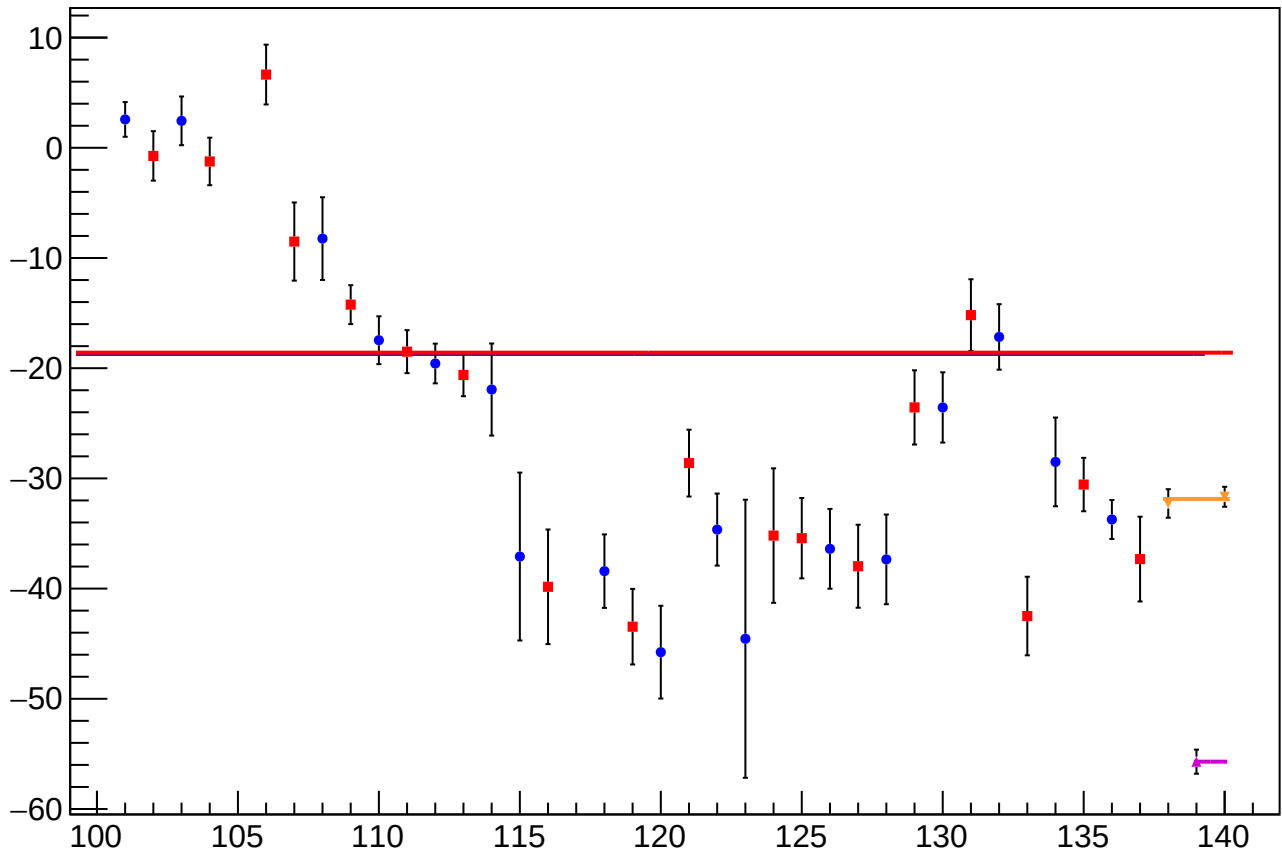
Right: 32.620+/-0.266 χ^2/NDF : 1178.1/34

In: 33.196+/-0.366 χ^2/NDF : 604.8/17

Out: 35.972+/-0.321 χ^2/NDF : 963.7/19

All: 34.763+/-0.241 χ^2/NDF : 1601.0/37

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -31.867 ± 0.742 $\chi^2/\text{NDF}: 0.1/1$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -55.707 ± 1.094 $\chi^2/\text{NDF}: 0.0/0$

Left: -39.376 ± 0.614 $\chi^2/\text{NDF}: 325.4/2$

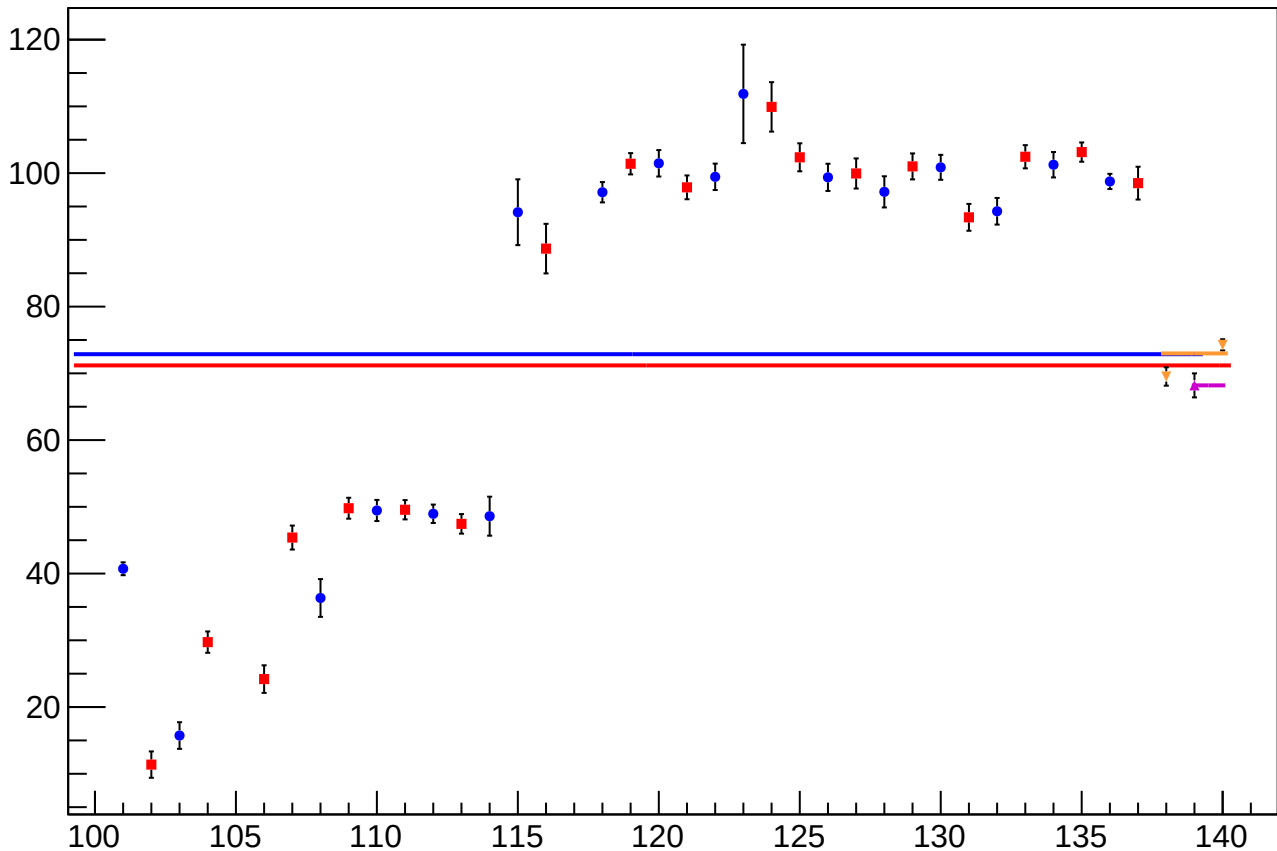
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -28.718 ± 0.569 $\chi^2/\text{NDF}: 1353.6/17$

Out: -24.331 ± 0.488 $\chi^2/\text{NDF}: 643.2/19$

All: -26.189 ± 0.370 $\chi^2/\text{NDF}: 2031.1/37$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 72.984 $\pm$ 0.718 χ^2 /NDF: 8.7/1

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 68.198 $\pm$ 1.799 χ^2 /NDF: 0.0/0

Left: 72.327 $\pm$ 0.667 χ^2 /NDF: 14.8/2

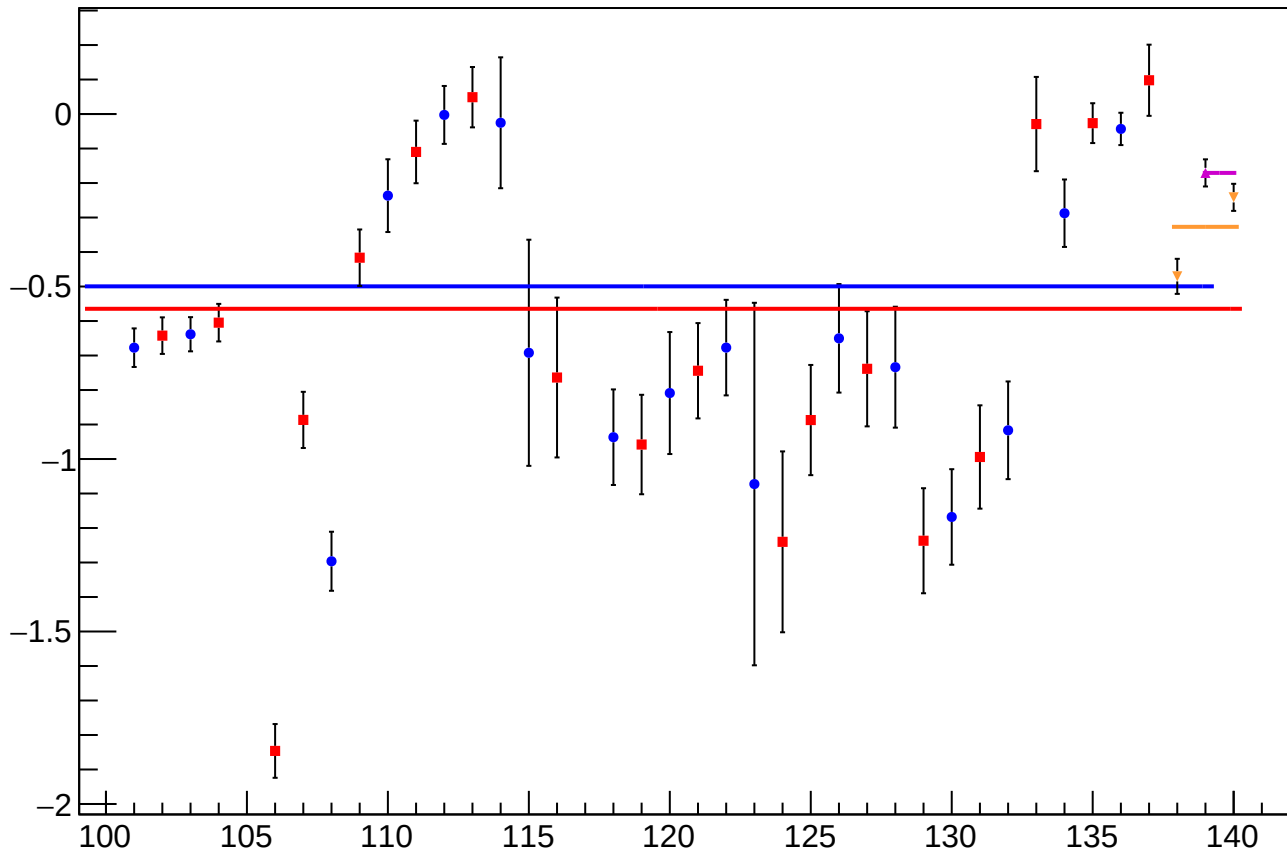
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 72.622 $\pm$ 0.415 χ^2 /NDF: 4733.5/17

Out: 71.670 $\pm$ 0.371 χ^2 /NDF: 5388.4/19

All: 72.093 $\pm$ 0.277 χ^2 /NDF: 10124.8/37

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.327 ± 0.031 χ^2/NDF : 12.7/1

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.171 ± 0.039 χ^2/NDF : 0.0/0

Left: -0.267 ± 0.024 χ^2/NDF : 22.5/2

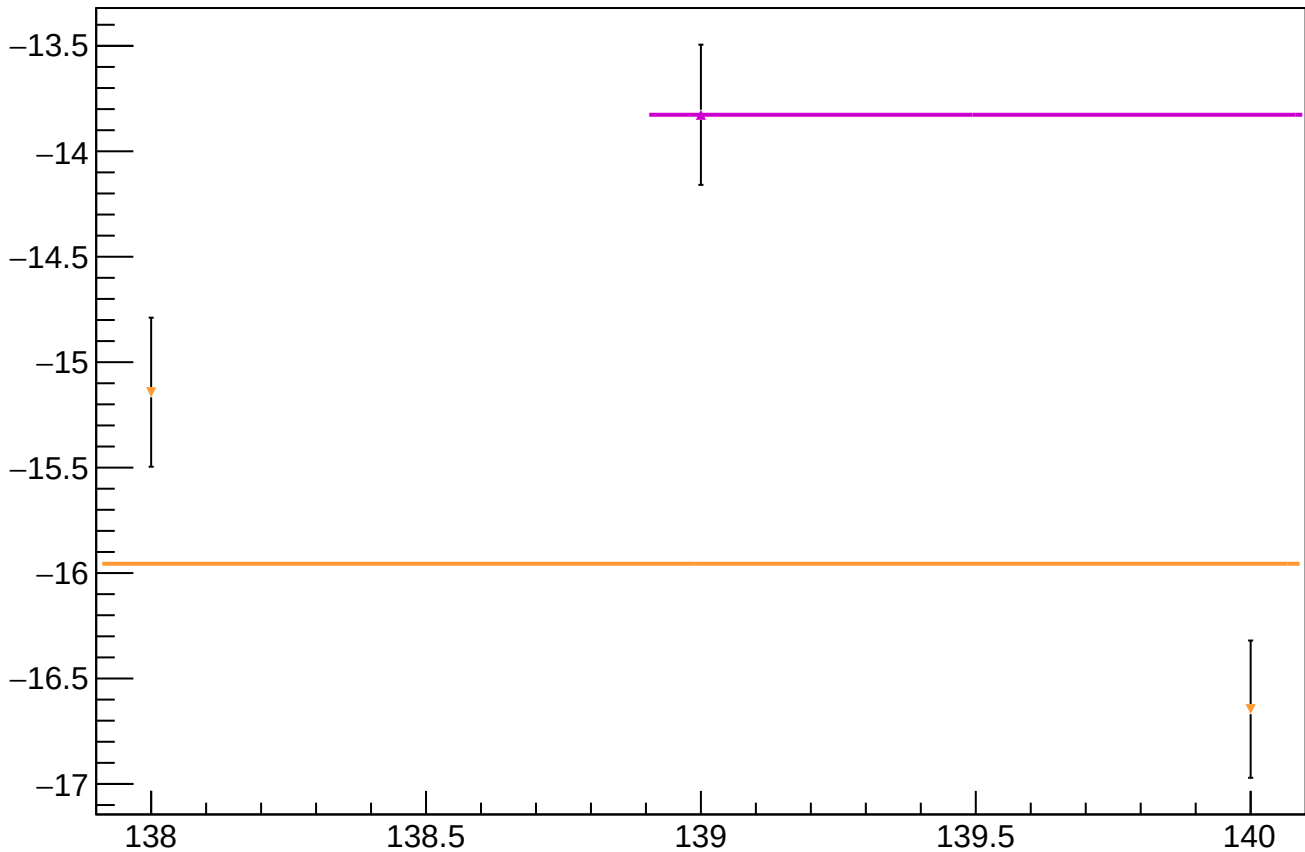
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.419 ± 0.019 χ^2/NDF : 355.5/17

Out: -0.487 ± 0.018 χ^2/NDF : 611.6/19

All: -0.457 ± 0.013 χ^2/NDF : 973.8/37

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -15.956+/-0.239 χ^2/NDF : 9.8/1

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

Left In: -13.827+/-0.332 χ^2/NDF : 0.0/0

Left: -15.229+/-0.194 χ^2/NDF : 36.8/2

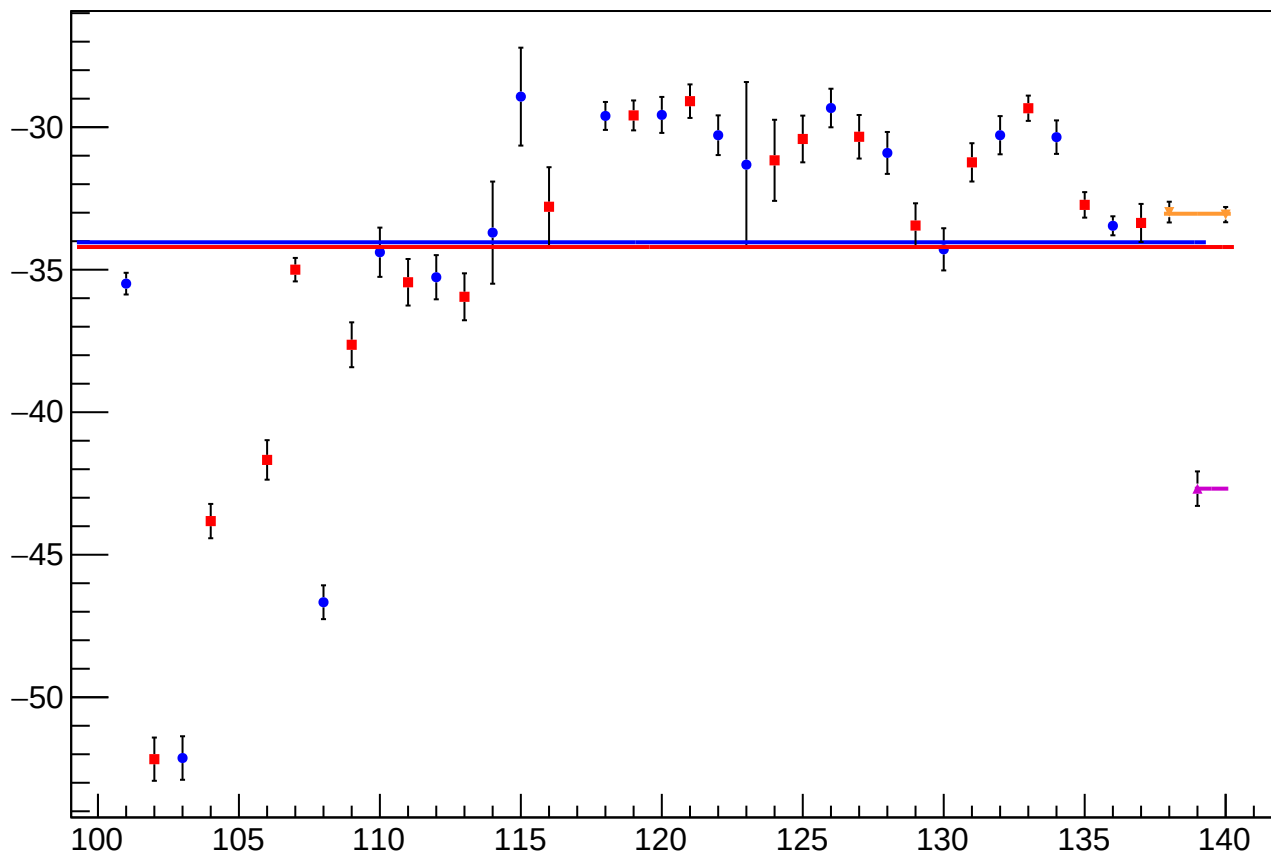
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.827+/-0.332 χ^2/NDF : 0.0/0

Out: -15.956+/-0.239 χ^2/NDF : 9.8/1

All: -15.229+/-0.194 χ^2/NDF : 36.8/2

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -33.036 ± 0.216 χ^2/NDF : 0.0/1

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -42.682 ± 0.605 χ^2/NDF : 0.0/0

Left: -34.122 ± 0.203 χ^2/NDF : 225.3/2

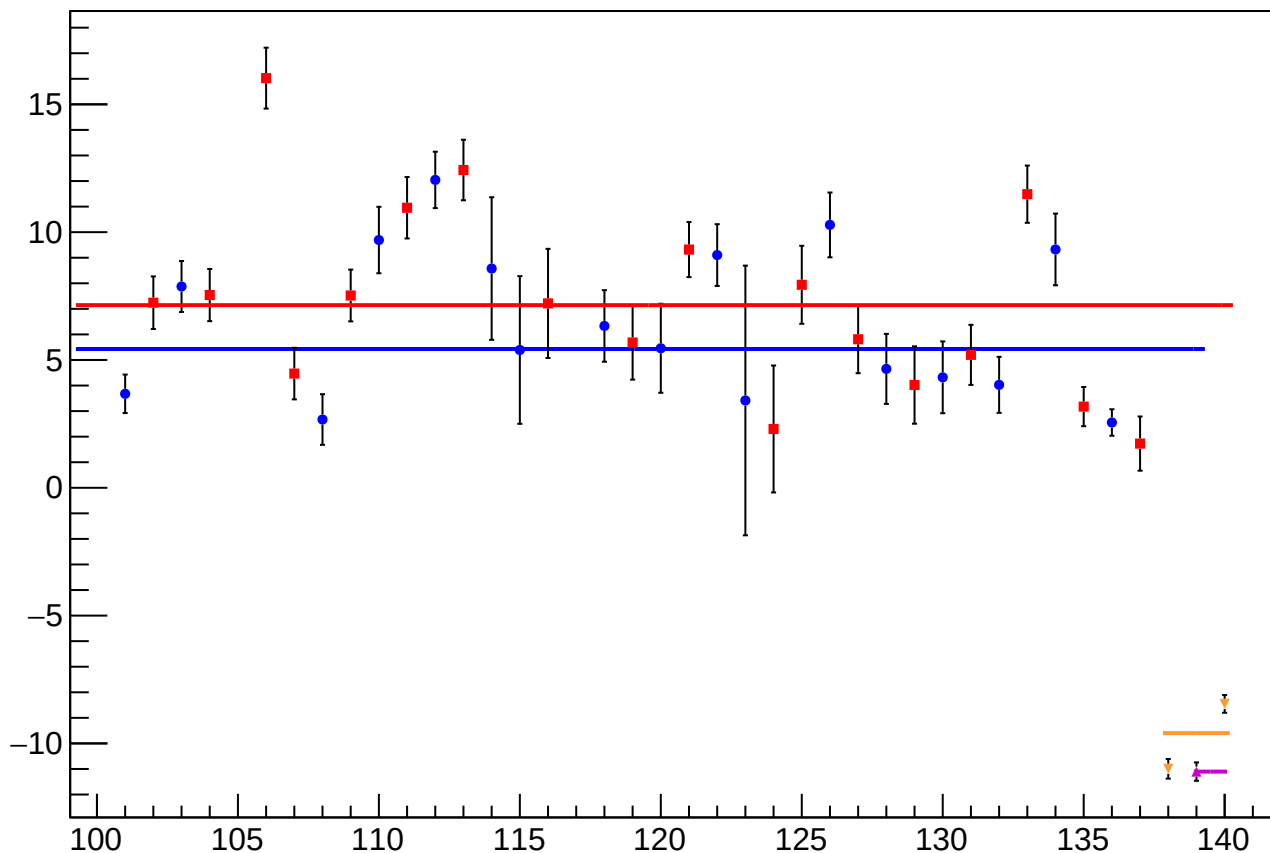
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -34.543 ± 0.146 χ^2/NDF : 1534.8/17

Out: -33.821 ± 0.124 χ^2/NDF : 1340.5/19

All: -34.121 ± 0.094 χ^2/NDF : 2889.5/37

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.597 ± 0.257 χ^2/NDF : 24.1/1

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -11.103 ± 0.359 χ^2/NDF : 0.0/0

Left: -10.107 ± 0.209 χ^2/NDF : 35.8/2

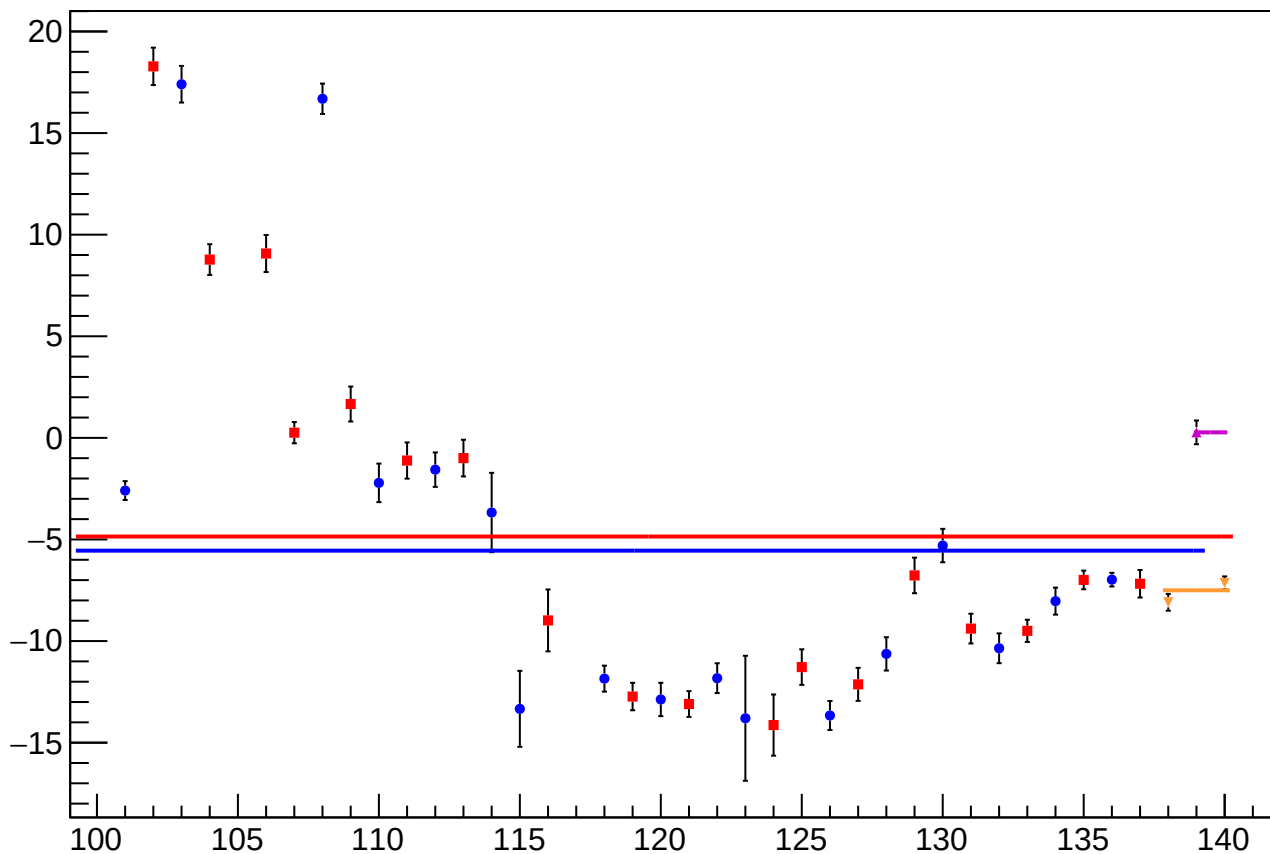
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -0.534 ± 0.216 χ^2/NDF : 1486.1/17

Out: -1.786 ± 0.188 χ^2/NDF : 2180.0/19

All: -1.247 ± 0.142 χ^2/NDF : 3685.3/37

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.502 ± 0.254 χ^2/NDF : 3.3/1

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: 0.271 ± 0.583 χ^2/NDF : 0.0/0

Left: -6.260 ± 0.233 χ^2/NDF : 152.5/2

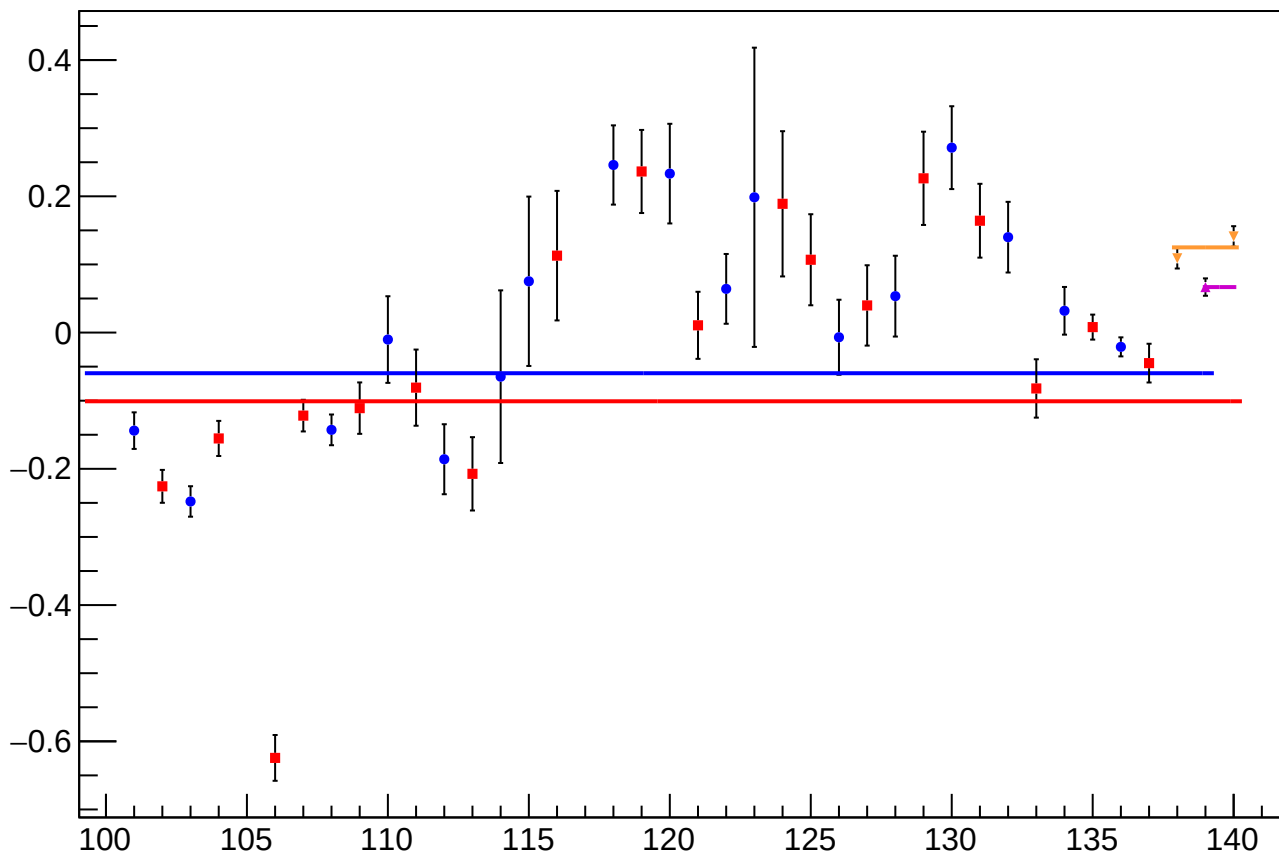
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.094 ± 0.163 χ^2/NDF : 2218.3/17

Out: -5.691 ± 0.143 χ^2/NDF : 2090.6/19

All: -5.432 ± 0.108 χ^2/NDF : 4316.5/37

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.125 ± 0.011 χ^2/NDF : 2.3/1

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.067 ± 0.013 χ^2/NDF : 0.0/0

Left: 0.101 ± 0.008 χ^2/NDF : 14.6/2

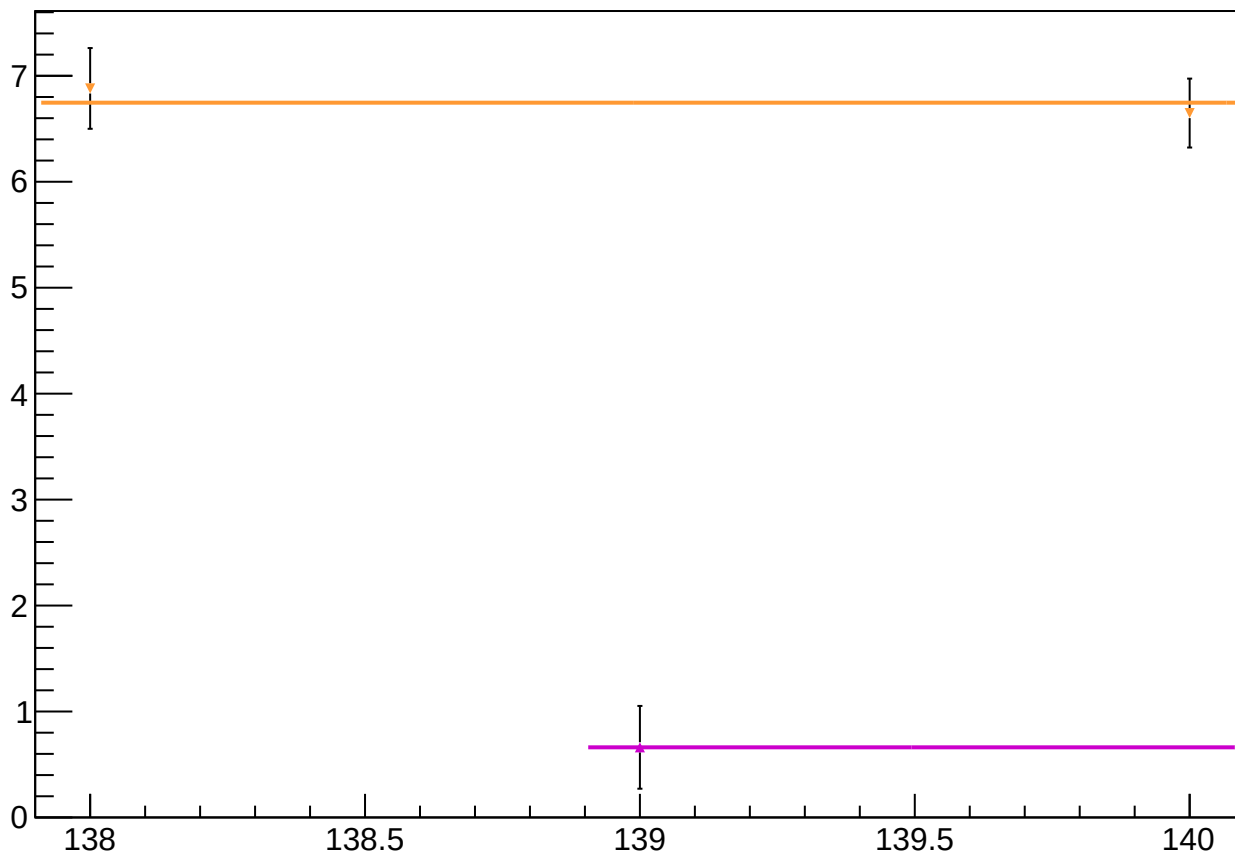
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: -0.021 ± 0.007 χ^2/NDF : 285.1/17

Out: -0.013 ± 0.007 χ^2/NDF : 707.9/19

All: -0.017 ± 0.005 χ^2/NDF : 993.8/37

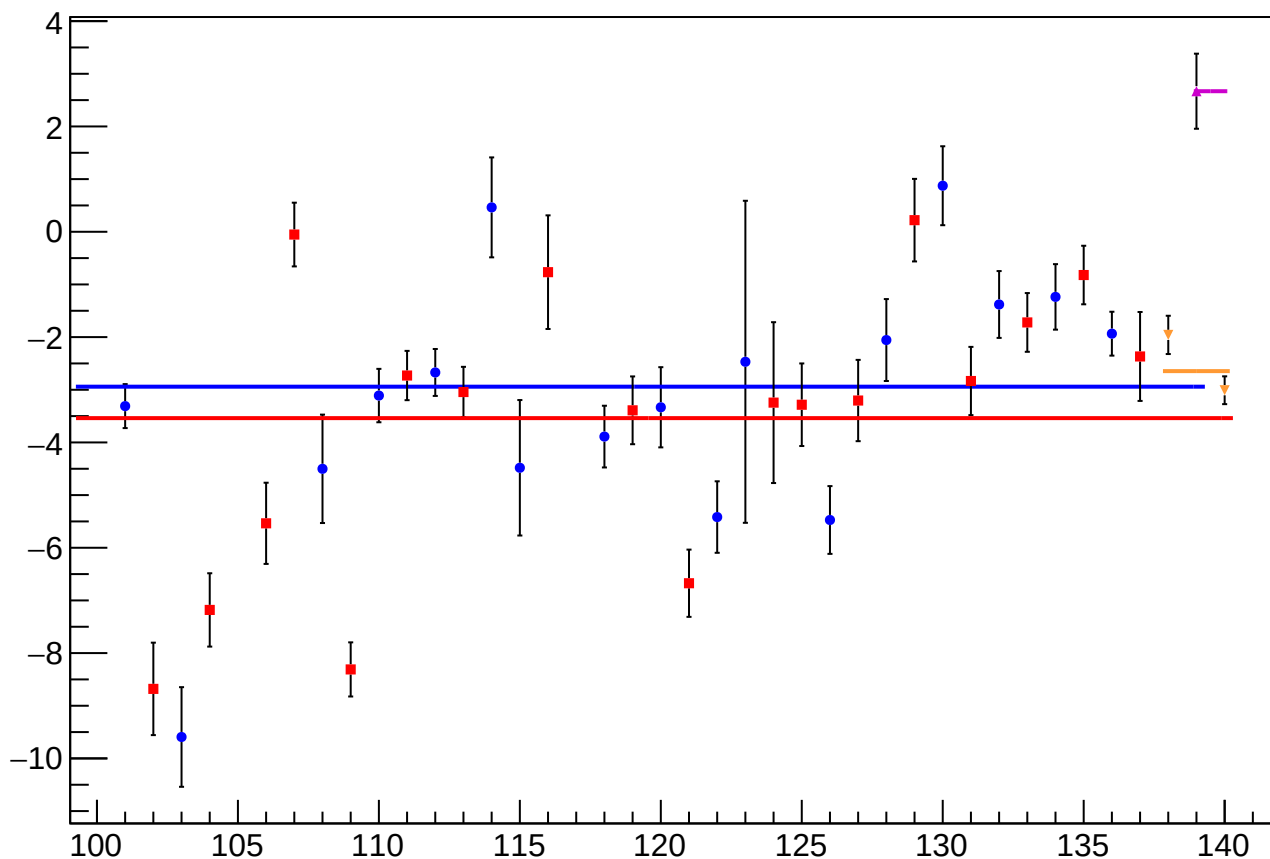
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.746 $\pm$ 0.247 χ^2 /NDF:0.2/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.662 $\pm$ 0.391 χ^2 /NDF:0.0/0

Left: 5.005 $\pm$ 0.209 χ^2 /NDF: 173.4/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.662 $\pm$ 0.391 χ^2 /NDF:0.0/0
 Out: 6.746 $\pm$ 0.247 χ^2 /NDF:0.2/1
 All: 5.005 $\pm$ 0.209 χ^2 /NDF: 173.4/2

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -2.646 ± 0.214 χ^2/NDF : 5.5/1

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: 2.669 ± 0.713 χ^2/NDF : 0.0/0

Left: -2.208 ± 0.205 χ^2/NDF : 56.5/2

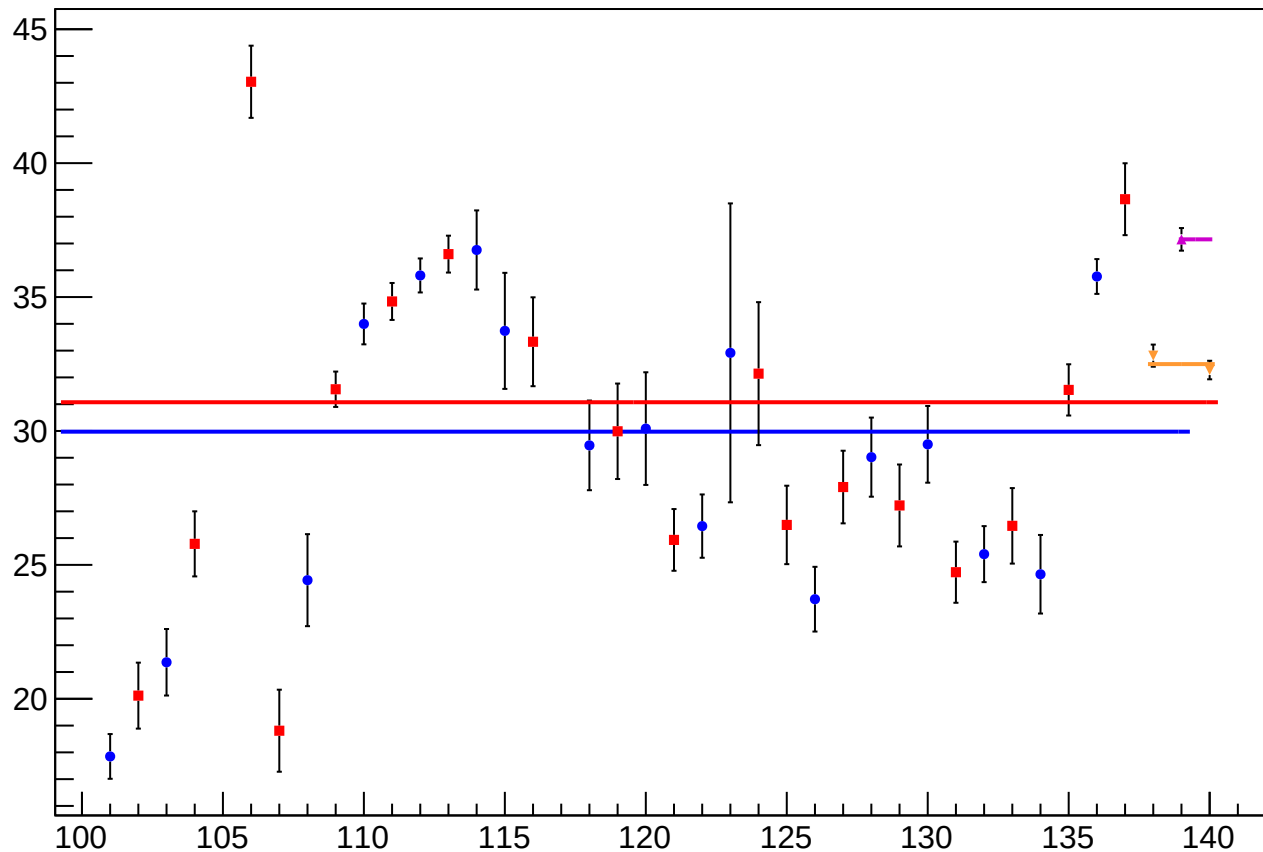
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.690 ± 0.151 χ^2/NDF : 204.8/17

Out: -3.232 ± 0.125 χ^2/NDF : 300.5/19

All: -3.011 ± 0.096 χ^2/NDF : 512.9/37

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 32.497 $\pm$ 0.265 χ^2 /NDF:1.0/1

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 37.154 $\pm$ 0.422 χ^2 /NDF:0.0/0

Left: 33.816 $\pm$ 0.225 χ^2 /NDF: 88.2/2

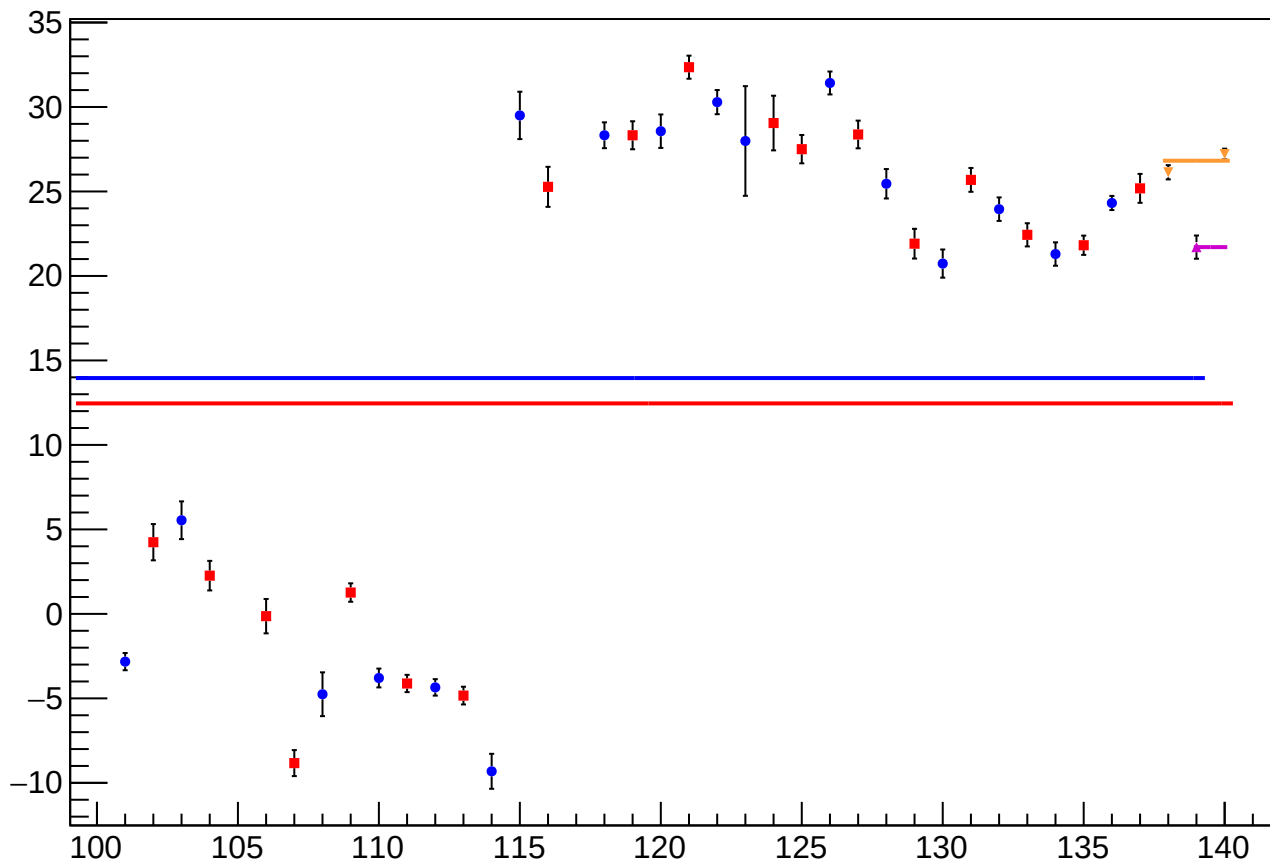
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 32.028 $\pm$ 0.226 χ^2 /NDF:760.4/17

Out: 31.771 $\pm$ 0.186 χ^2 /NDF:469.0/19

All: 31.875 $\pm$ 0.144 χ^2 /NDF: 1230.3/37

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 26.820 $\pm$ 0.255 χ^2 /NDF:4.2/1

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 21.706 $\pm$ 0.687 χ^2 /NDF:0.0/0

Left: 26.202 $\pm$ 0.239 χ^2 /NDF: 52.9/2

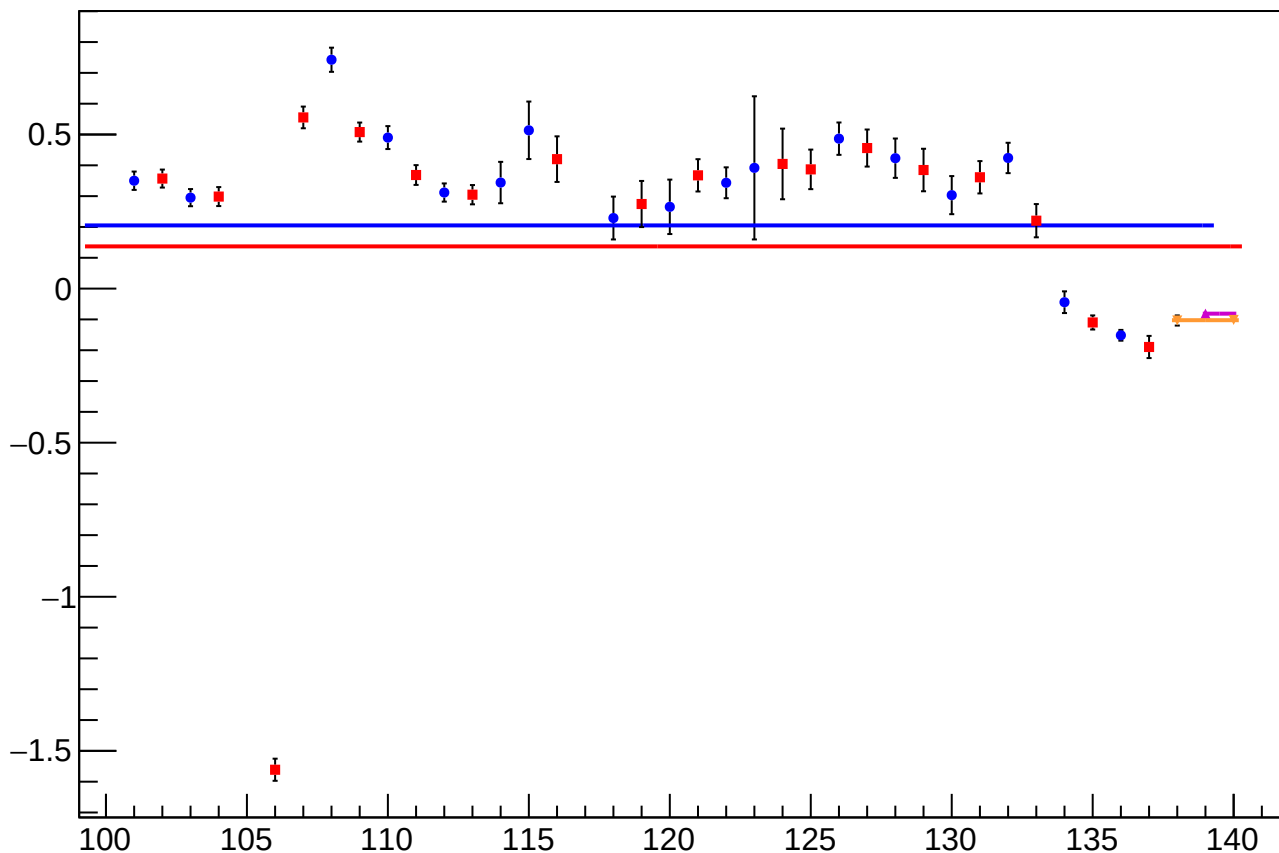
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 14.415 $\pm$ 0.167 χ^2 /NDF:7468.4/17

Out: 17.020 $\pm$ 0.144 χ^2 /NDF:9155.3/19

All: 15.915 $\pm$ 0.109 χ^2 /NDF: 16763.5/37

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF : 846.7/16

Left Out: -0.103+/-0.011 χ^2/NDF : 0.0/1

Right Out: 0.137+/-0.009 χ^2/NDF : 3007.9/17

Left In: -0.081+/-0.015 χ^2/NDF : 0.0/0

Left: -0.095+/-0.009 χ^2/NDF : 1.3/2

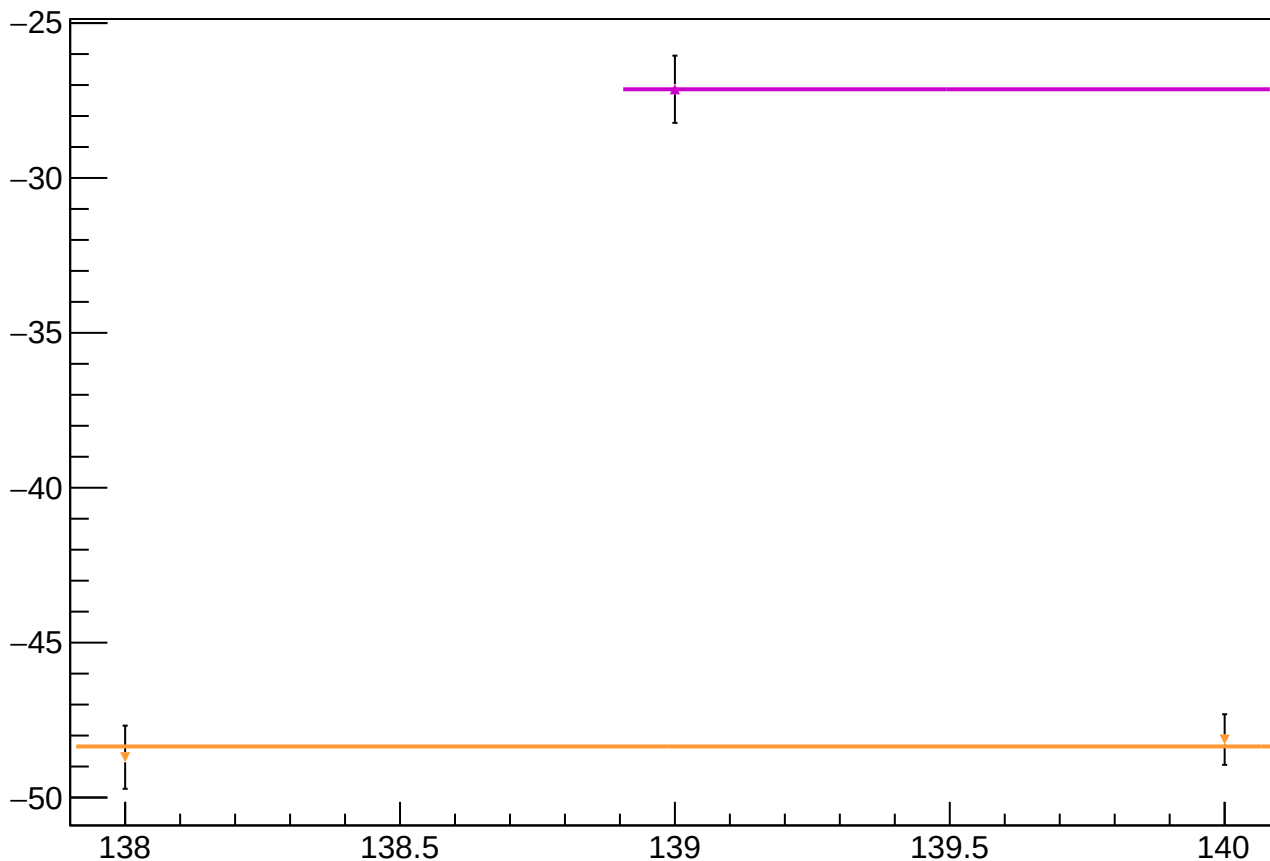
Right: 0.170+/-0.007 χ^2/NDF : 3881.4/34

In: 0.125+/-0.008 χ^2/NDF : 1108.3/17

Out: 0.039+/-0.007 χ^2/NDF : 3283.2/19

All: 0.077+/-0.005 χ^2/NDF : 4455.8/37

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -48.352+/-0.637 χ^2/NDF : 0.2/1

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

Left In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Left: -42.911+/-0.549 χ^2/NDF : 284.4/2

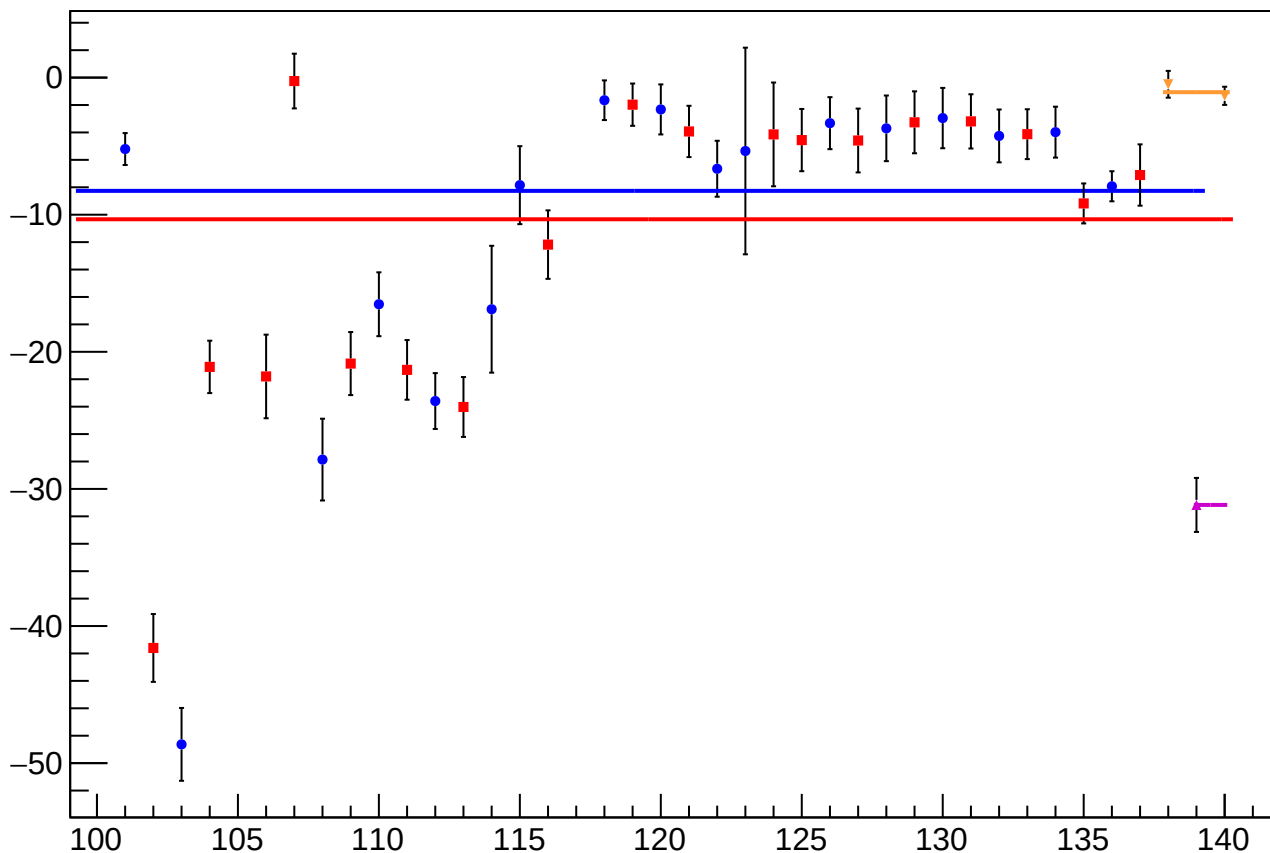
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.137+/-1.085 χ^2/NDF : 0.0/0

Out: -48.352+/-0.637 χ^2/NDF : 0.2/1

All: -42.911+/-0.549 χ^2/NDF : 284.4/2

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -1.064 ± 0.548 χ^2/NDF : 0.5/1

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -31.167 ± 1.970 χ^2/NDF : 0.0/0

Left: -3.225 ± 0.528 χ^2/NDF : 217.2/2

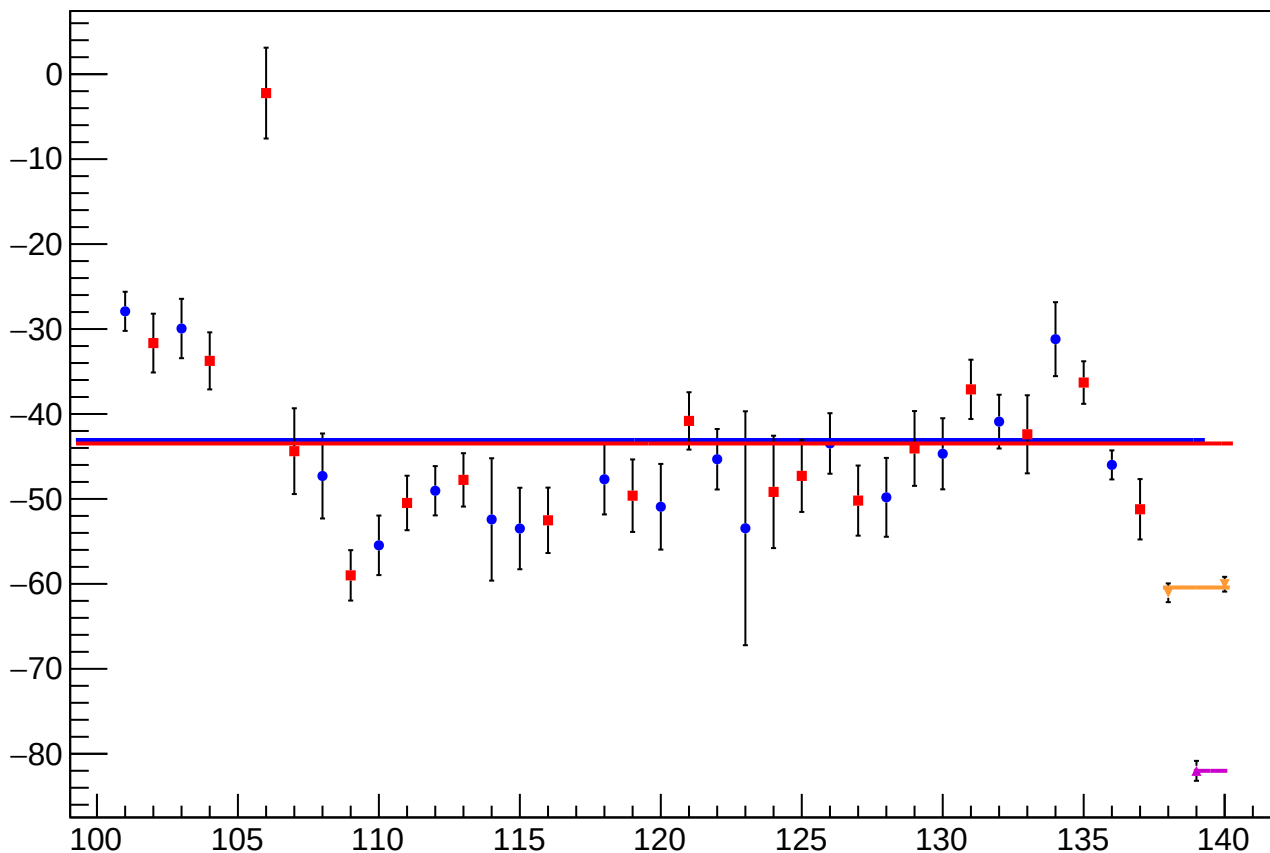
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -9.458 ± 0.450 χ^2/NDF : 540.0/17

Out: -6.204 ± 0.366 χ^2/NDF : 570.1/19

All: -7.497 ± 0.284 χ^2/NDF : 1141.6/37

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 $\pm$ 0.835 χ^2 /NDF: 99.0/16

Left Out: -60.425 $\pm$ 0.683 χ^2 /NDF: 0.5/1

Right Out: -43.473 $\pm$ 0.869 χ^2 /NDF: 142.3/17

Left In: -82.007 $\pm$ 1.174 χ^2 /NDF: 0.0/0

Left: -65.887 $\pm$ 0.590 χ^2 /NDF: 253.1/2

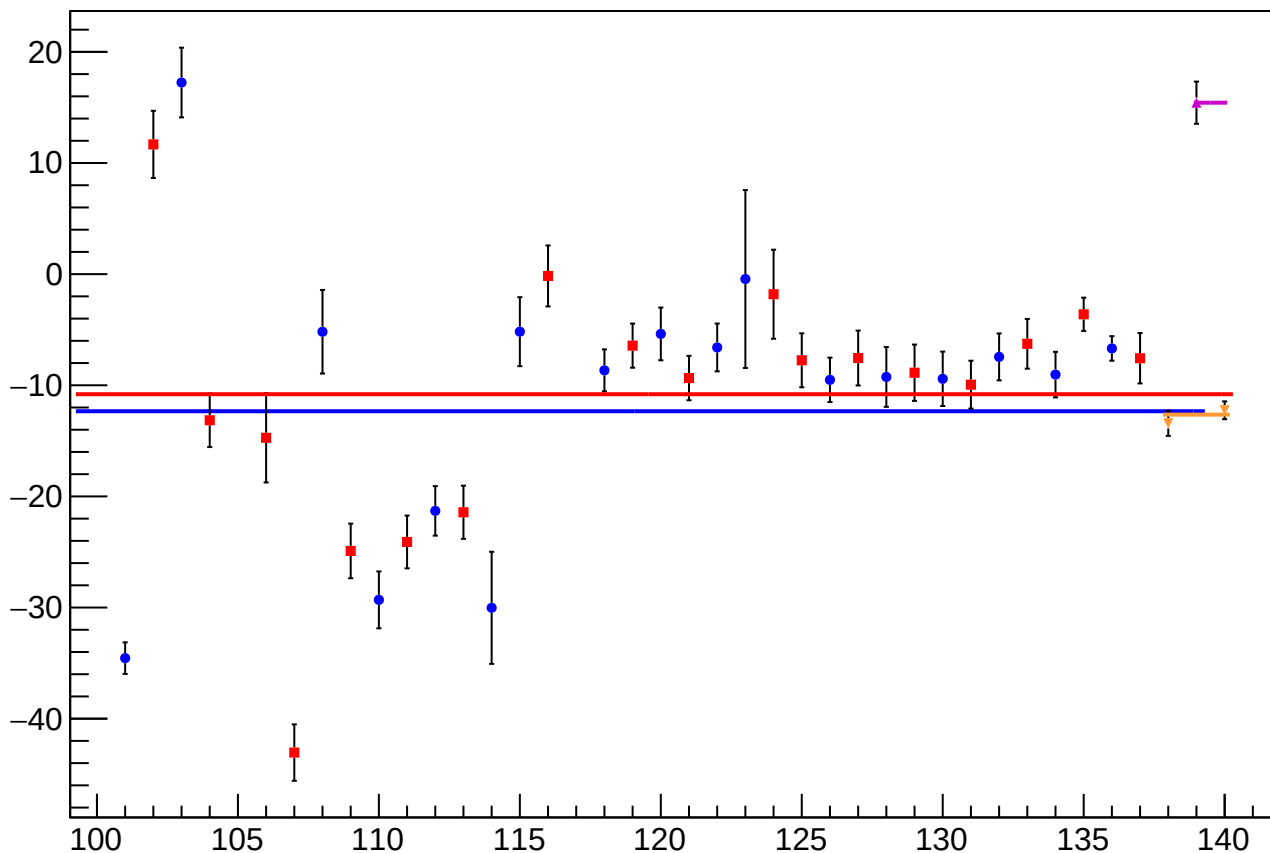
Right: -43.261 $\pm$ 0.602 χ^2 /NDF: 241.5/34

In: -56.160 $\pm$ 0.681 χ^2 /NDF: 829.9/17

Out: -53.948 $\pm$ 0.537 χ^2 /NDF: 378.1/19

All: -54.797 $\pm$ 0.422 χ^2 /NDF: 1214.6/37

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -12.640 ± 0.654 χ^2/NDF : 0.7/1

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: 15.428 ± 1.898 χ^2/NDF : 0.0/0

Left: -9.664 ± 0.618 χ^2/NDF : 196.2/2

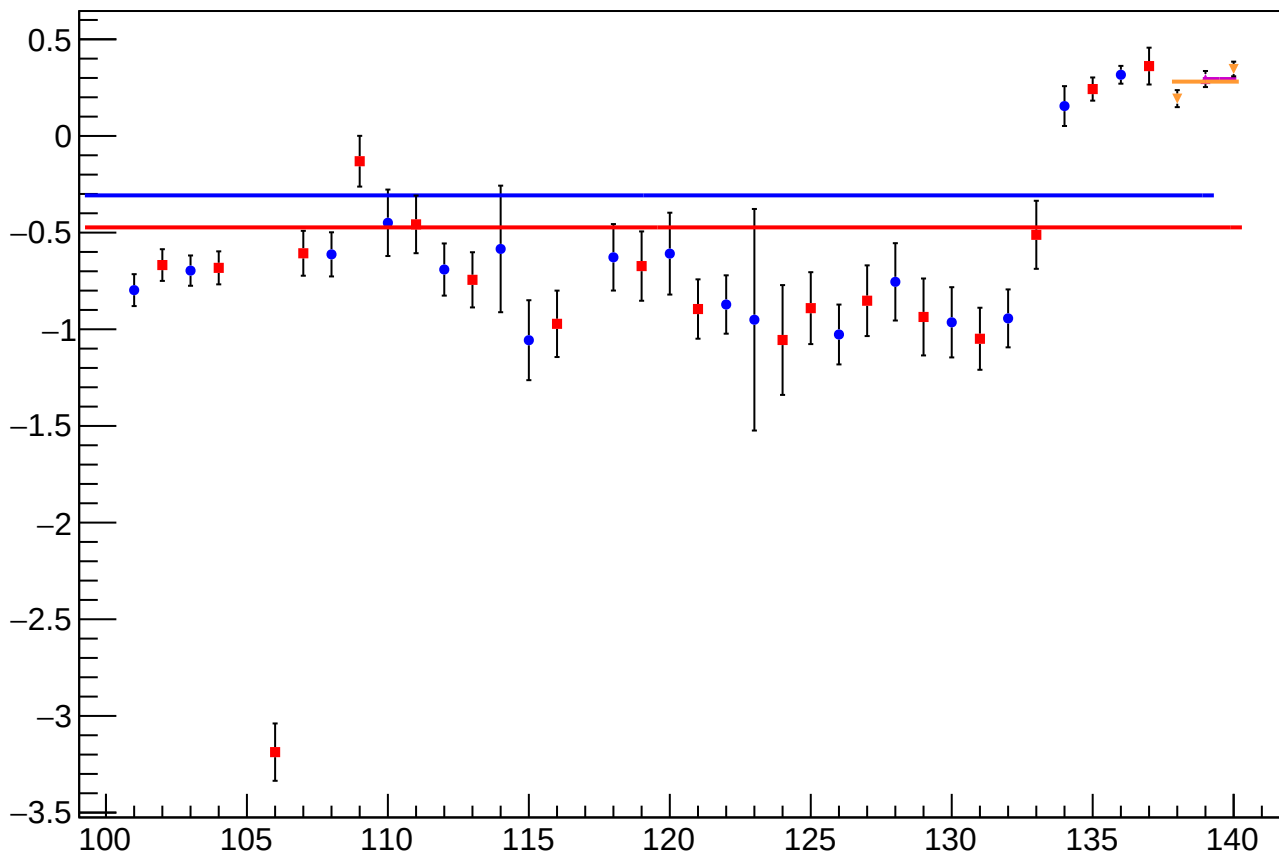
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -10.395 ± 0.502 χ^2/NDF : 674.1/17

Out: -11.571 ± 0.423 χ^2/NDF : 366.7/19

All: -11.083 ± 0.323 χ^2/NDF : 1044.1/37

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.281 ± 0.029 χ^2/NDF : 7.0/1

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.294 ± 0.042 χ^2/NDF : 0.0/0

Left: 0.285 ± 0.024 χ^2/NDF : 7.0/2

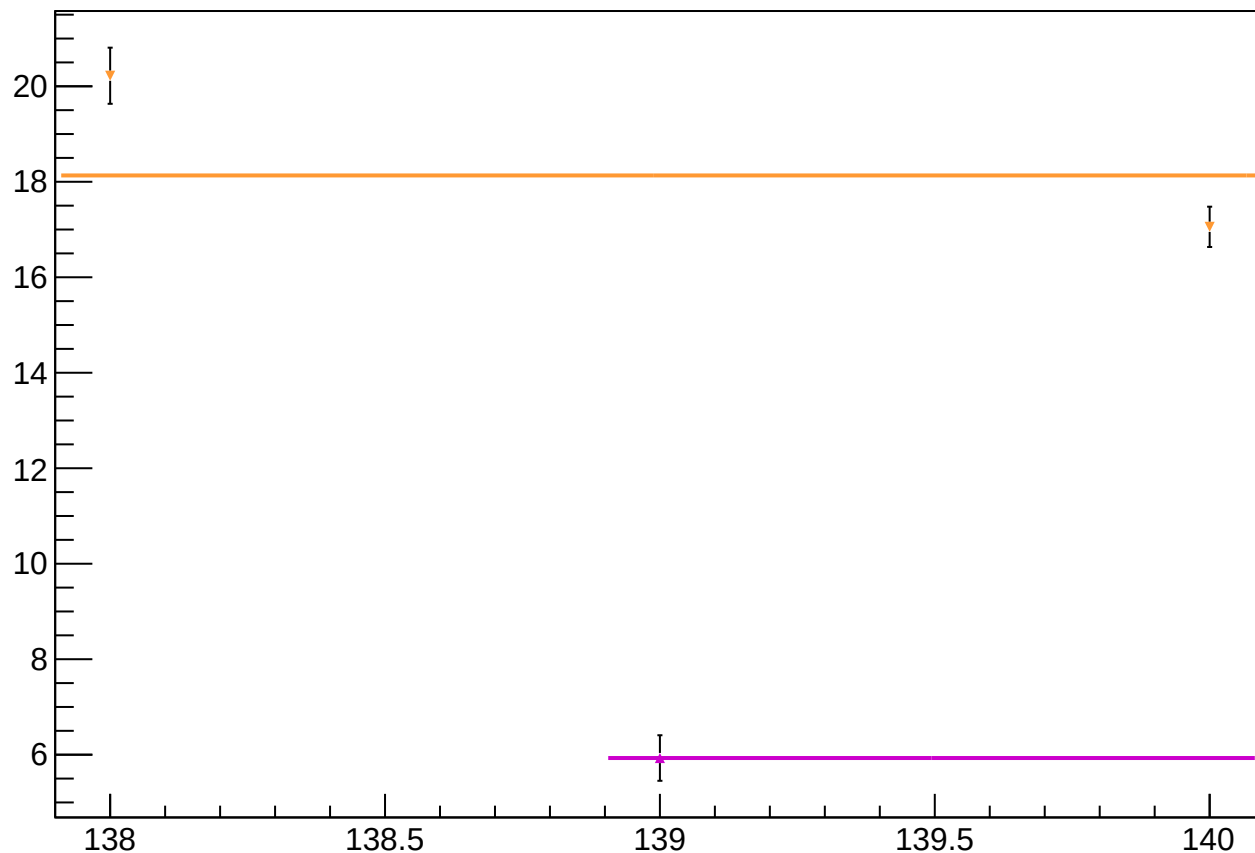
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: -0.124 ± 0.023 χ^2/NDF : 518.0/17

Out: -0.097 ± 0.020 χ^2/NDF : 979.2/19

All: -0.109 ± 0.015 χ^2/NDF : 1497.9/37

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 18.133+/-0.343 χ^2/NDF :19.1/1

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

Left In: 5.931+/-0.477 χ^2/NDF :0.0/0

Left: 13.978+/-0.278 χ^2/NDF : 450.6/2

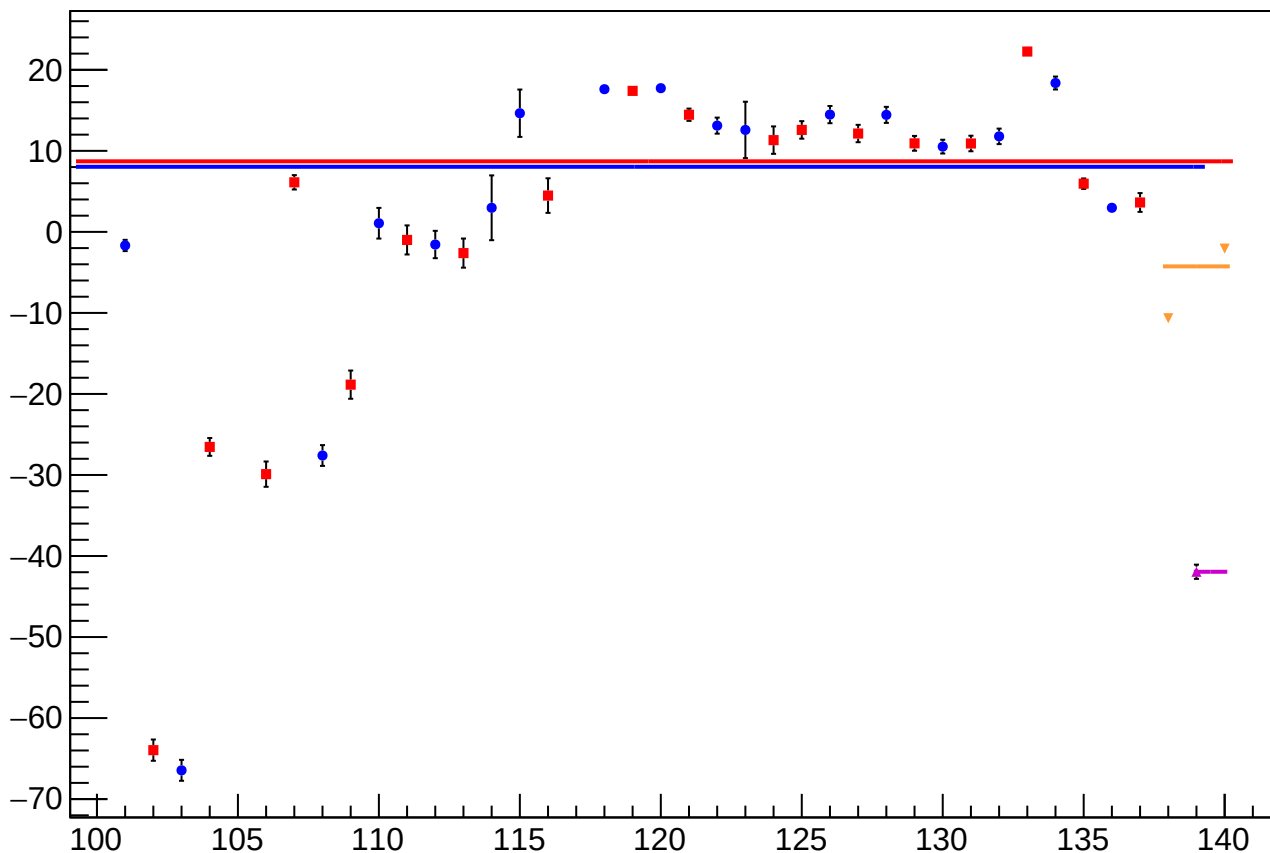
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.931+/-0.477 χ^2/NDF :0.0/0

Out: 18.133+/-0.343 χ^2/NDF :19.1/1

All: 13.978+/-0.278 χ^2/NDF : 450.6/2

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: -4.259+/-0.302 χ^2/NDF :154.3/1

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: -41.945+/-0.880 χ^2/NDF :0.0/0

Left: -8.222+/-0.285 χ^2/NDF : 1797.0/2

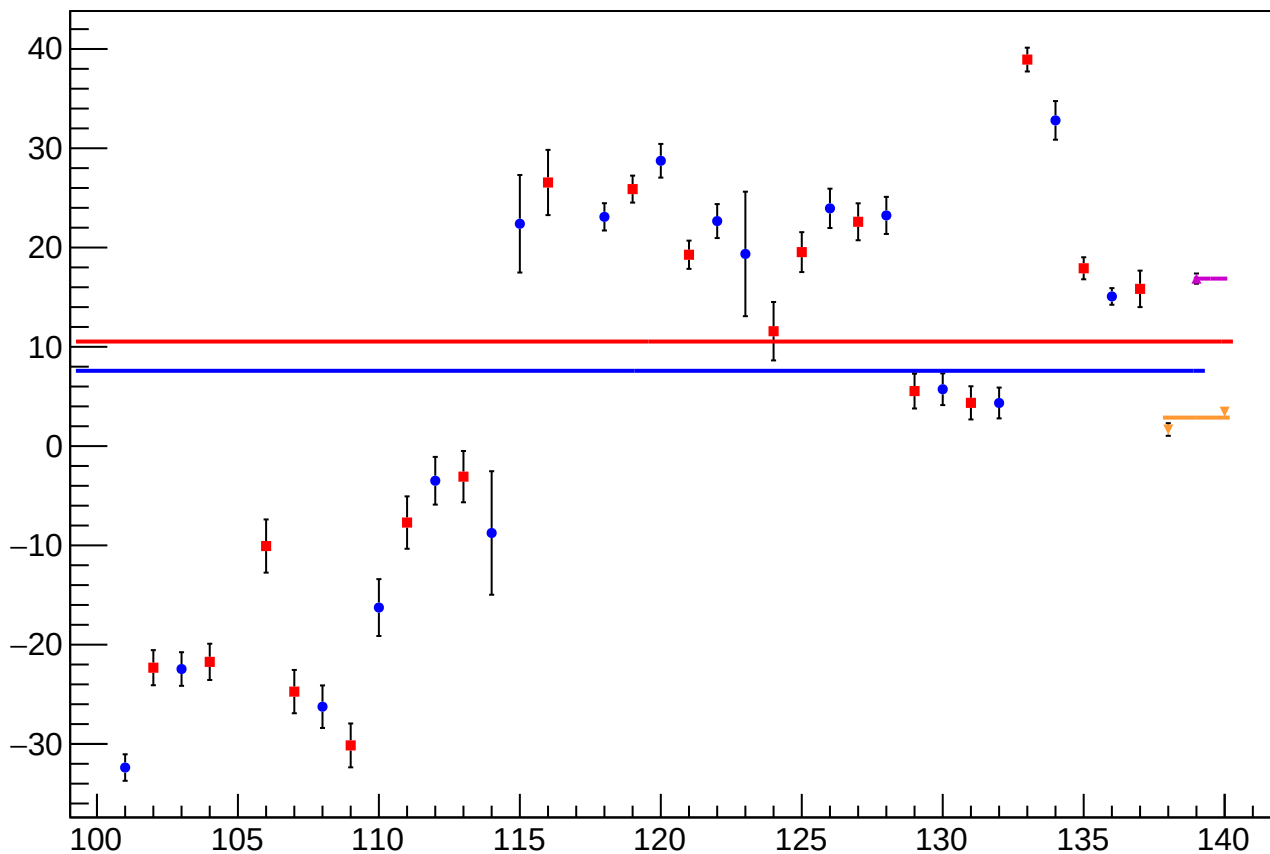
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 5.209+/-0.209 χ^2/NDF :8416.5/17

Out: 4.387+/-0.174 χ^2/NDF :7677.5/19

All: 4.723+/-0.134 χ^2/NDF : 16103.1/37

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 2.871 ± 0.367 $\chi^2/\text{NDF}: 5.3/1$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 16.871 ± 0.515 $\chi^2/\text{NDF}: 0.0/0$

Left: 7.598 ± 0.299 $\chi^2/\text{NDF}: 495.5/2$

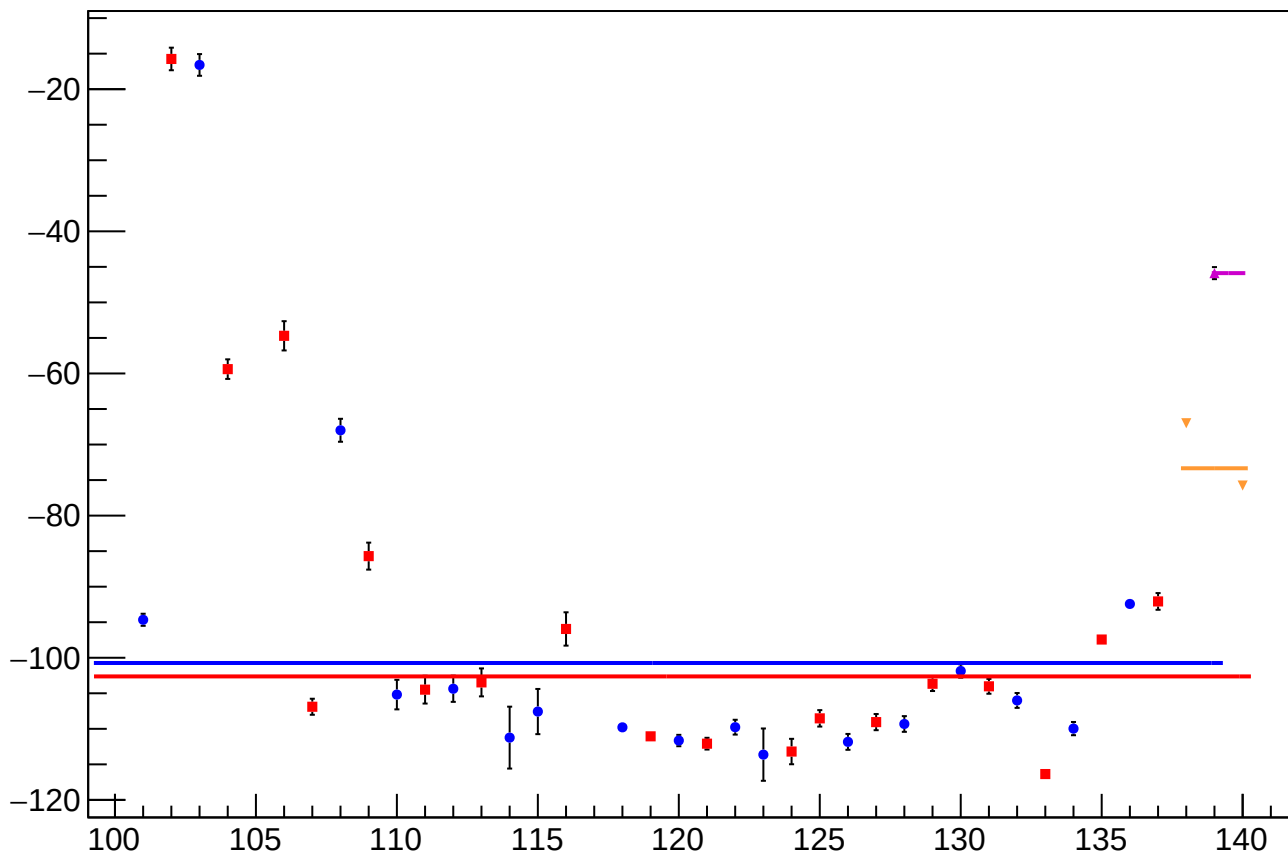
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 11.258 ± 0.324 $\chi^2/\text{NDF}: 2519.5/17$

Out: 6.215 ± 0.276 $\chi^2/\text{NDF}: 2474.5/19$

All: 8.337 ± 0.210 $\chi^2/\text{NDF}: 5134.7/37$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -73.339 ± 0.358 χ^2/NDF : 119.9/1

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -45.881 ± 0.849 χ^2/NDF : 0.0/0

Left: -69.184 ± 0.330 χ^2/NDF : 1008.6/2

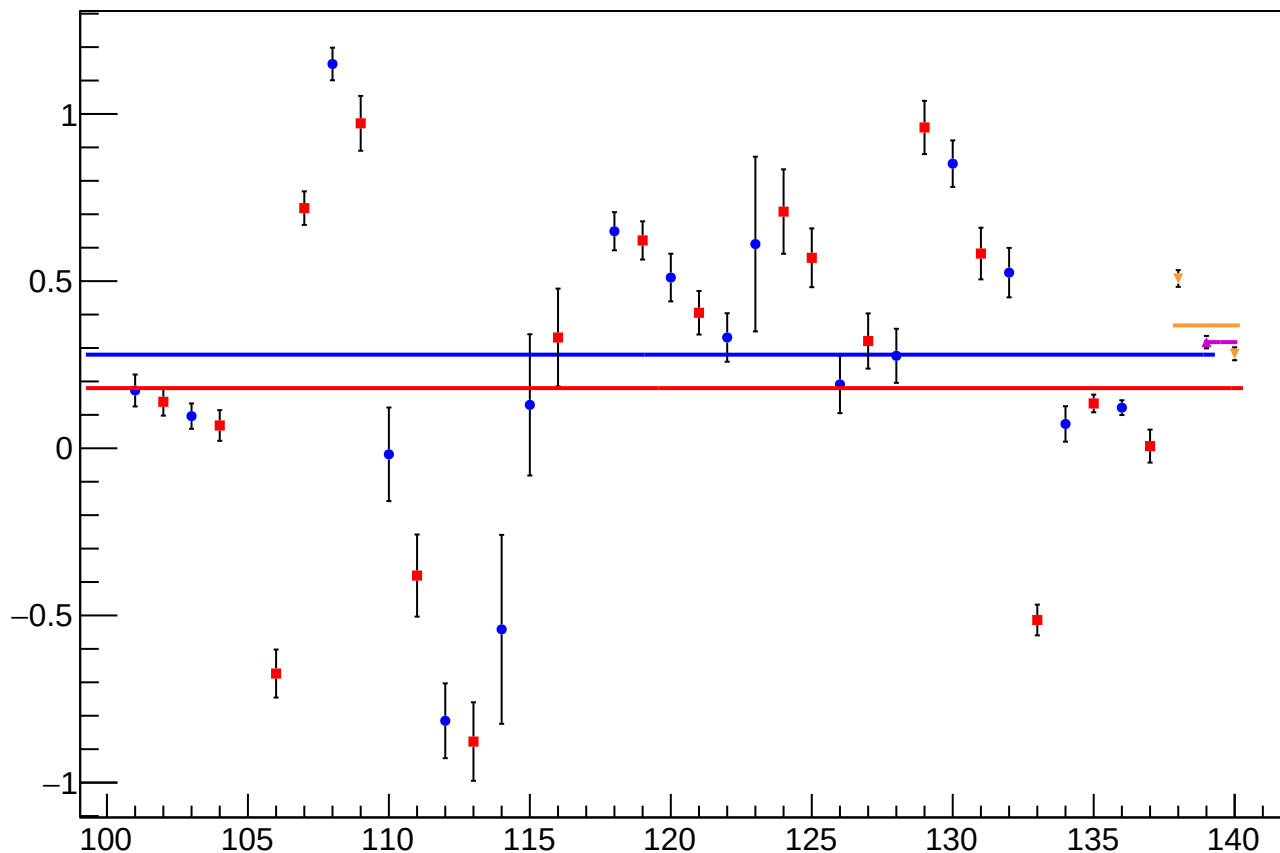
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -96.409 ± 0.238 χ^2/NDF : 8370.3/17

Out: -93.237 ± 0.203 χ^2/NDF : 10375.4/19

All: -94.570 ± 0.154 χ^2/NDF : 18848.4/37

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.368 $\pm$ 0.015 χ^2 /NDF:50.4/1

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.318 $\pm$ 0.019 χ^2 /NDF:0.0/0

Left: 0.347 $\pm$ 0.012 χ^2 /NDF: 54.8/2

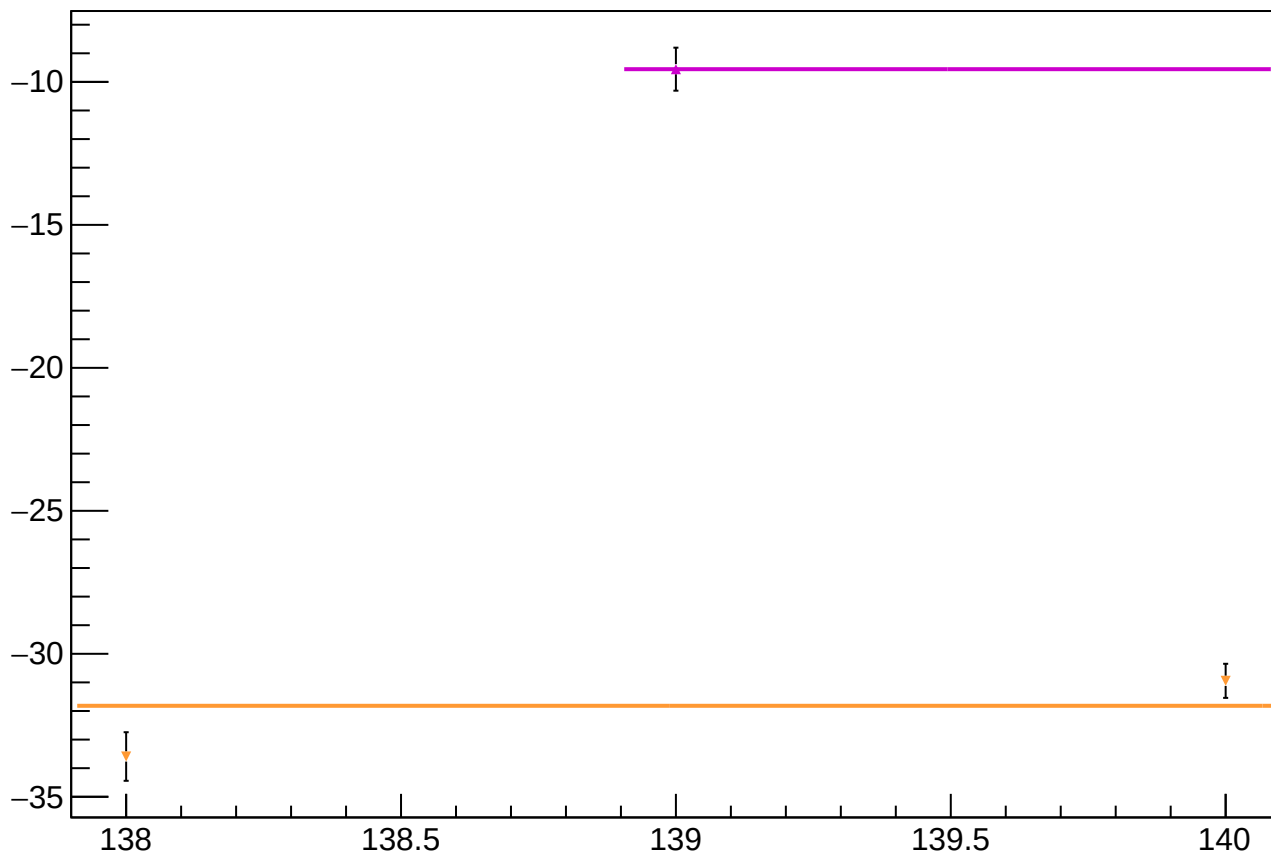
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.293 $\pm$ 0.011 χ^2 /NDF:659.0/17

Out: 0.262 $\pm$ 0.010 χ^2 /NDF:1071.8/19

All: 0.276 $\pm$ 0.007 χ^2 /NDF: 1735.3/37

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.818+/-0.488 χ^2/NDF : 6.5/1

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

Left In: -9.555+/-0.752 χ^2/NDF : 0.0/0

Left: -25.225+/-0.409 χ^2/NDF : 623.2/2

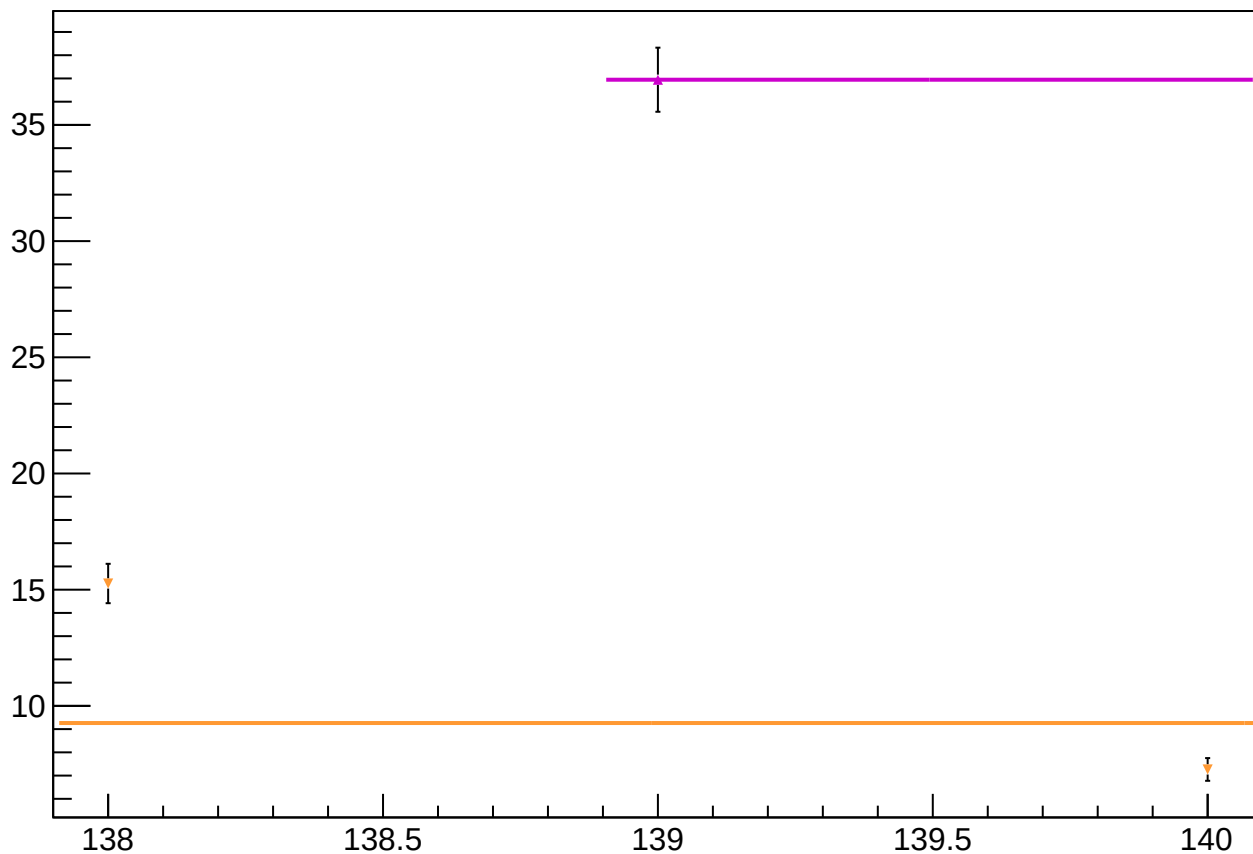
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.555+/-0.752 χ^2/NDF : 0.0/0

Out: -31.818+/-0.488 χ^2/NDF : 6.5/1

All: -25.225+/-0.409 χ^2/NDF : 623.2/2

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 9.262+/-0.423 χ^2/NDF : 66.9/1

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

Left In: 36.945+/-1.379 χ^2/NDF : 0.0/0

Left: 11.645+/-0.405 χ^2/NDF : 435.2/2

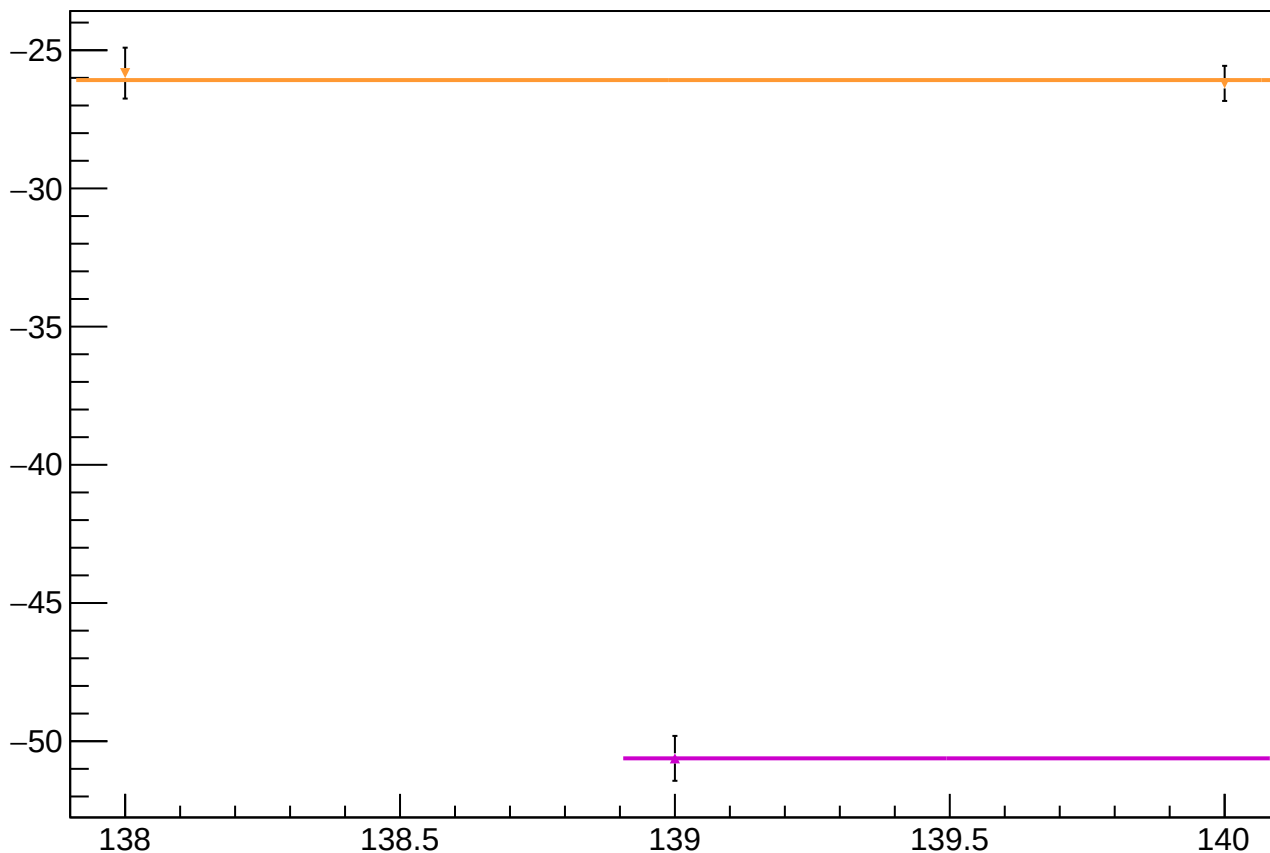
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.945+/-1.379 χ^2/NDF : 0.0/0

Out: 9.262+/-0.423 χ^2/NDF : 66.9/1

All: 11.645+/-0.405 χ^2/NDF : 435.2/2

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -26.080±/-0.523 χ^2/NDF : 0.1/1

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

Left In: -50.620±/-0.812 χ^2/NDF : 0.0/0

Left: -33.268±/-0.440 χ^2/NDF : 645.7/2

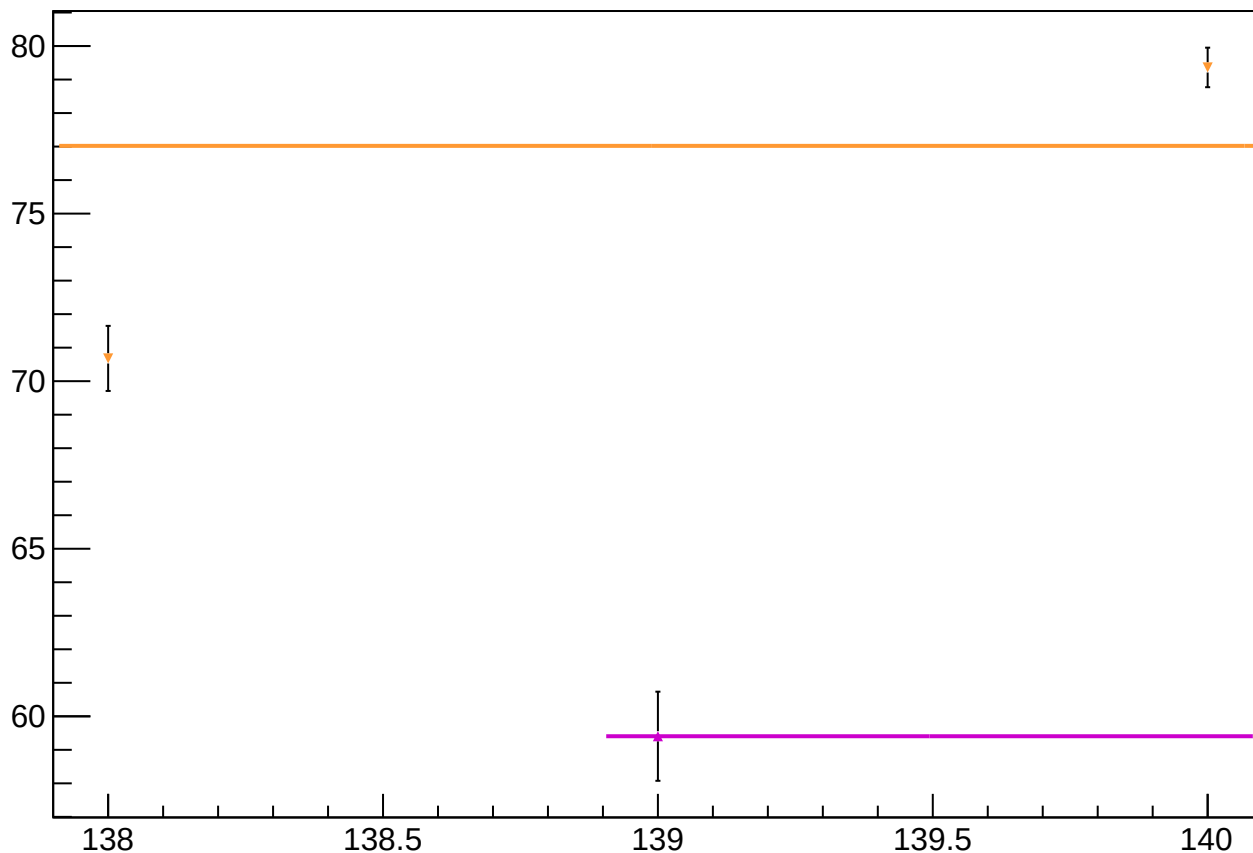
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -50.620±/-0.812 χ^2/NDF : 0.0/0

Out: -26.080±/-0.523 χ^2/NDF : 0.1/1

All: -33.268±/-0.440 χ^2/NDF : 645.7/2

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 77.021+/-0.504 χ^2/NDF :58.4/1

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

Left In: 59.406+/-1.330 χ^2/NDF :0.0/0

Left: 74.808+/-0.471 χ^2/NDF : 211.9/2

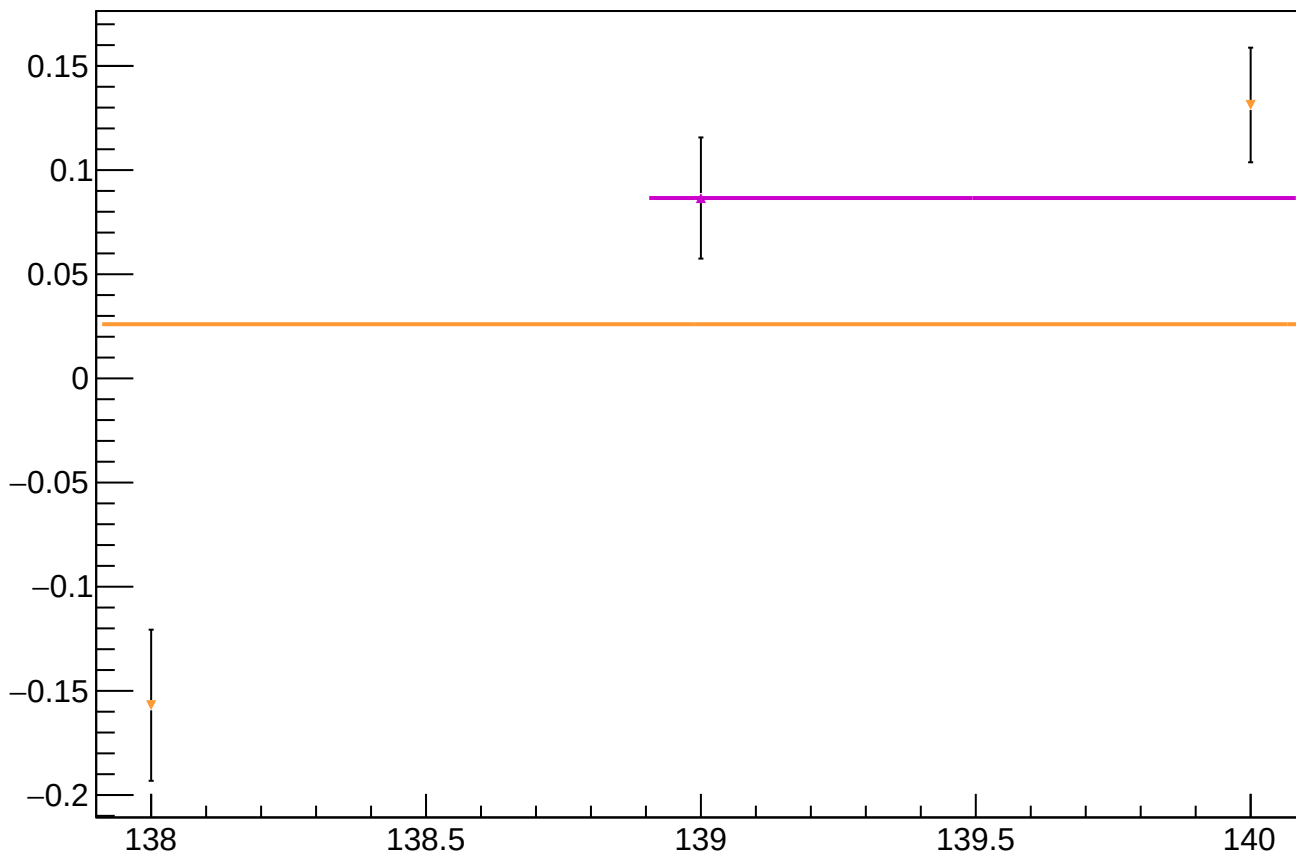
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.406+/-1.330 χ^2/NDF :0.0/0

Out: 77.021+/-0.504 χ^2/NDF :58.4/1

All: 74.808+/-0.471 χ^2/NDF : 211.9/2

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.026+/-0.022 χ^2/NDF : 40.1/1

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

Left In: 0.087+/-0.029 χ^2/NDF : 0.0/0

Left: 0.048+/-0.018 χ^2/NDF : 42.8/2

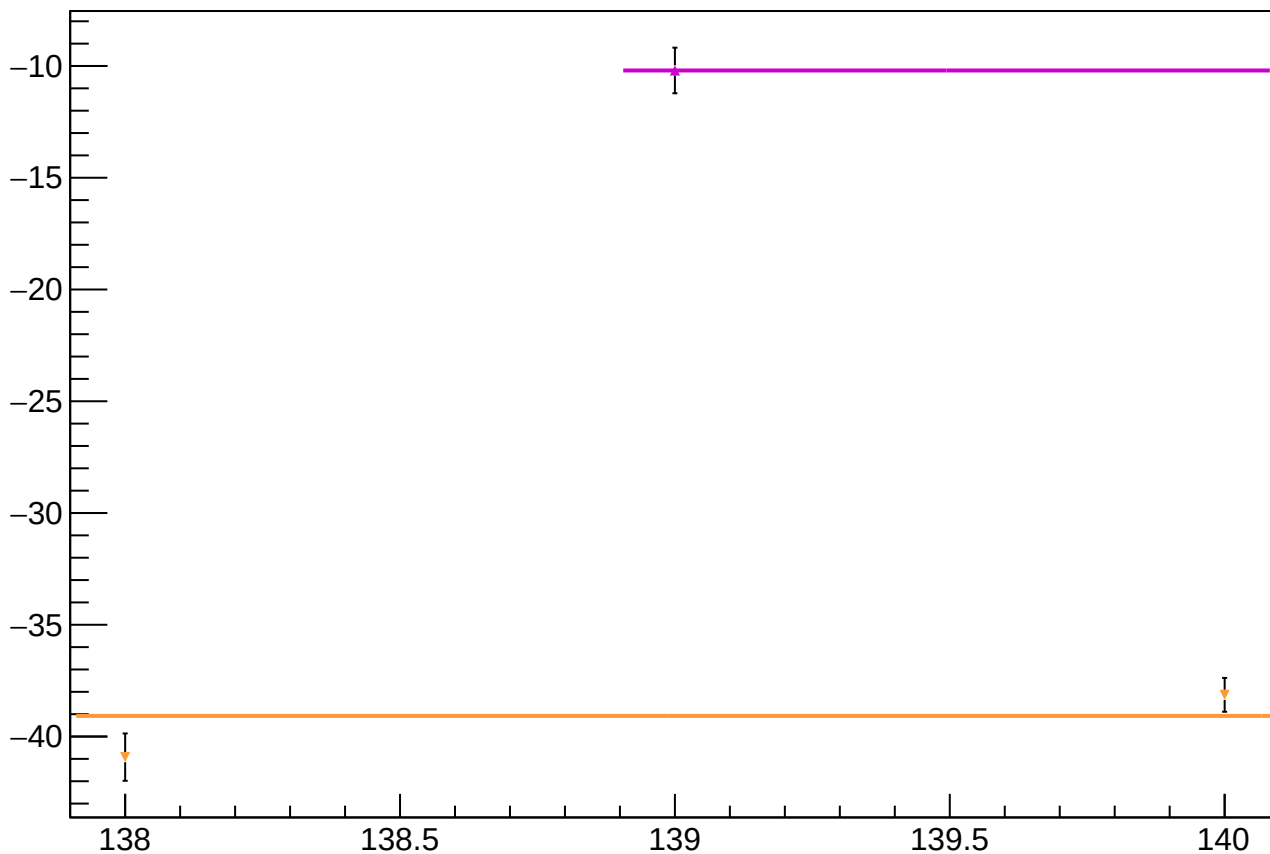
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.087+/-0.029 χ^2/NDF : 0.0/0

Out: 0.026+/-0.022 χ^2/NDF : 40.1/1

All: 0.048+/-0.018 χ^2/NDF : 42.8/2

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -39.077 ± 0.616 χ^2/NDF : 4.6/1

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

Left In: -10.201 ± 1.020 χ^2/NDF : 0.0/0

Left: -31.367 ± 0.527 χ^2/NDF : 592.0/2

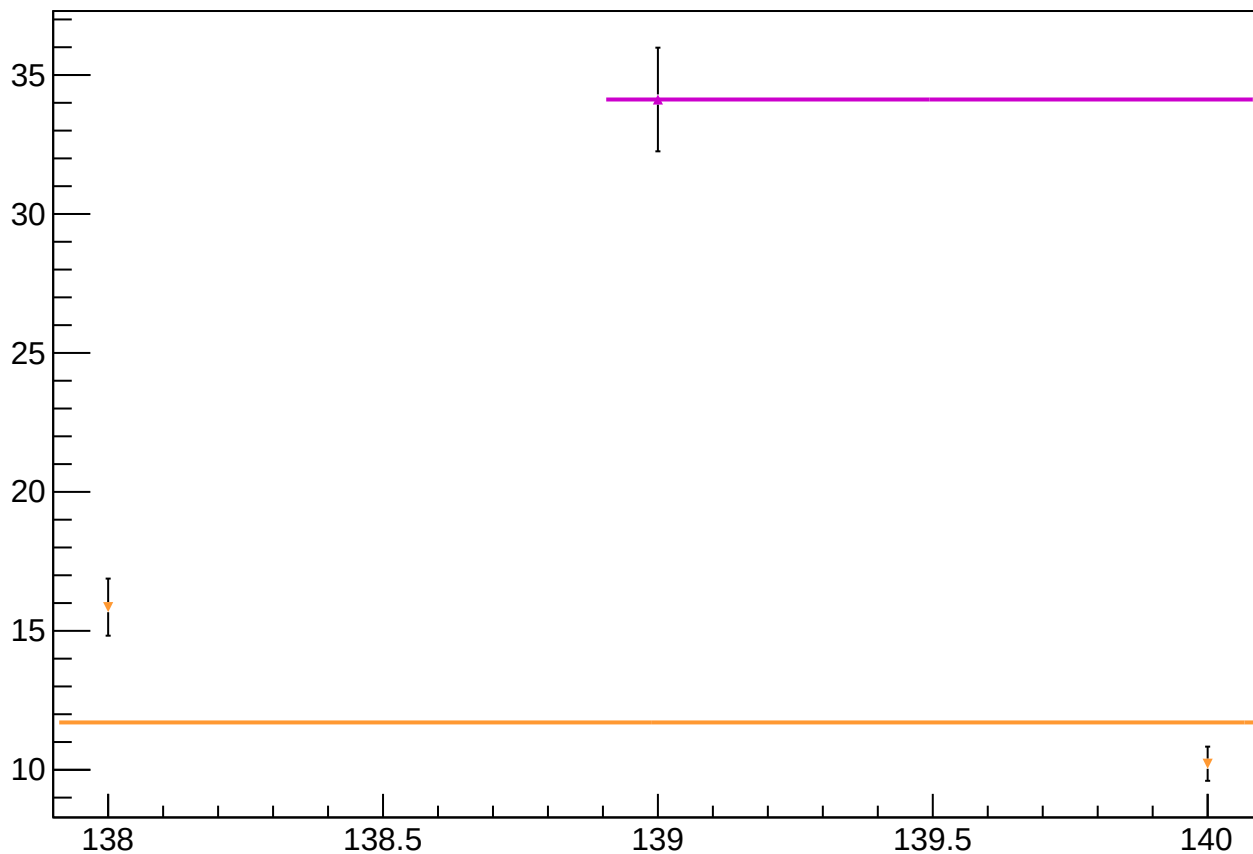
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -10.201 ± 1.020 χ^2/NDF : 0.0/0

Out: -39.077 ± 0.616 χ^2/NDF : 4.6/1

All: -31.367 ± 0.527 χ^2/NDF : 592.0/2

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 11.705+/-0.527 χ^2/NDF : 22.2/1

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

Left In: 34.119+/-1.865 χ^2/NDF : 0.0/0

Left: 13.364+/-0.507 χ^2/NDF : 155.9/2

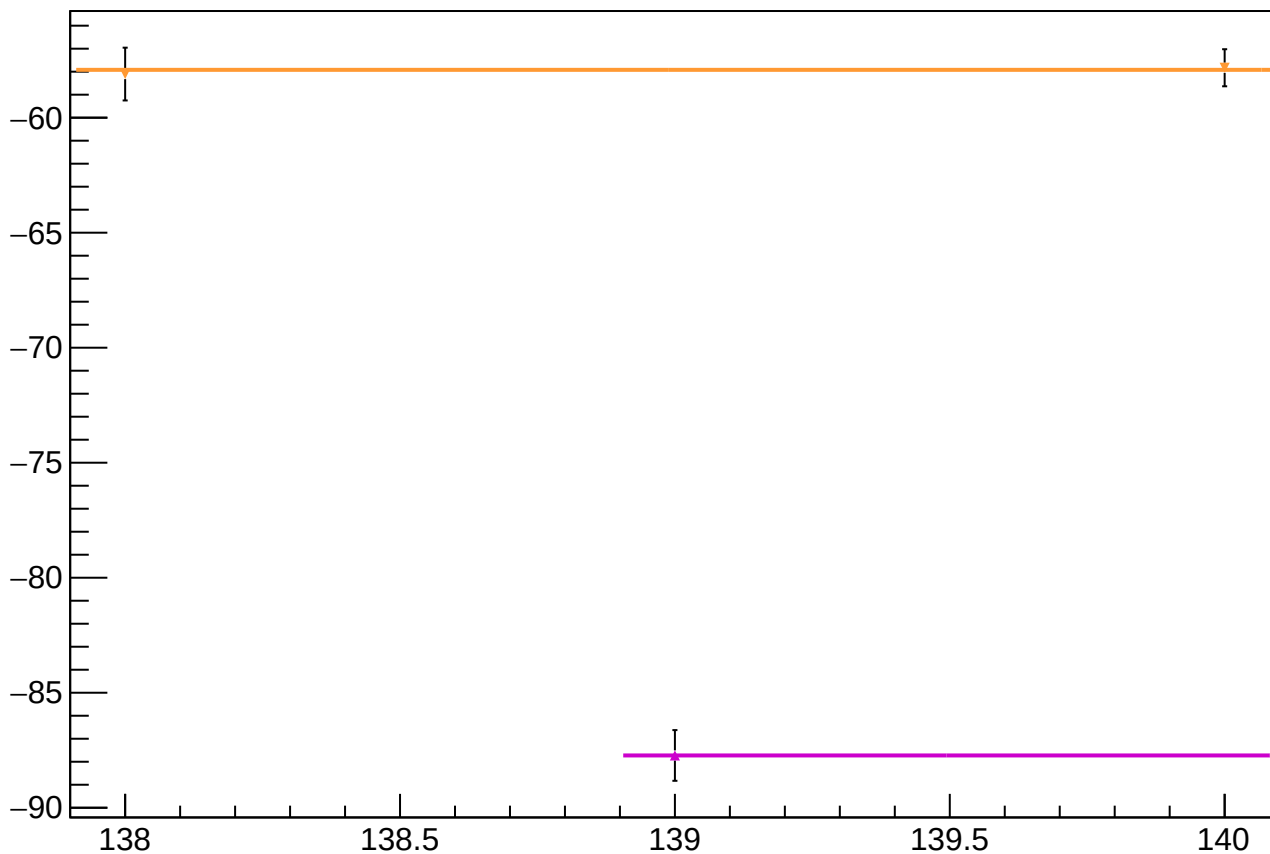
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.119+/-1.865 χ^2/NDF : 0.0/0

Out: 11.705+/-0.527 χ^2/NDF : 22.2/1

All: 13.364+/-0.507 χ^2/NDF : 155.9/2

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -57.920 $\pm$ 0.659 χ^2/NDF : 0.0/1

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

Left In: -87.727 $\pm$ 1.102 χ^2/NDF : 0.0/0

Left: -65.779 $\pm$ 0.566 χ^2/NDF : 538.6/2

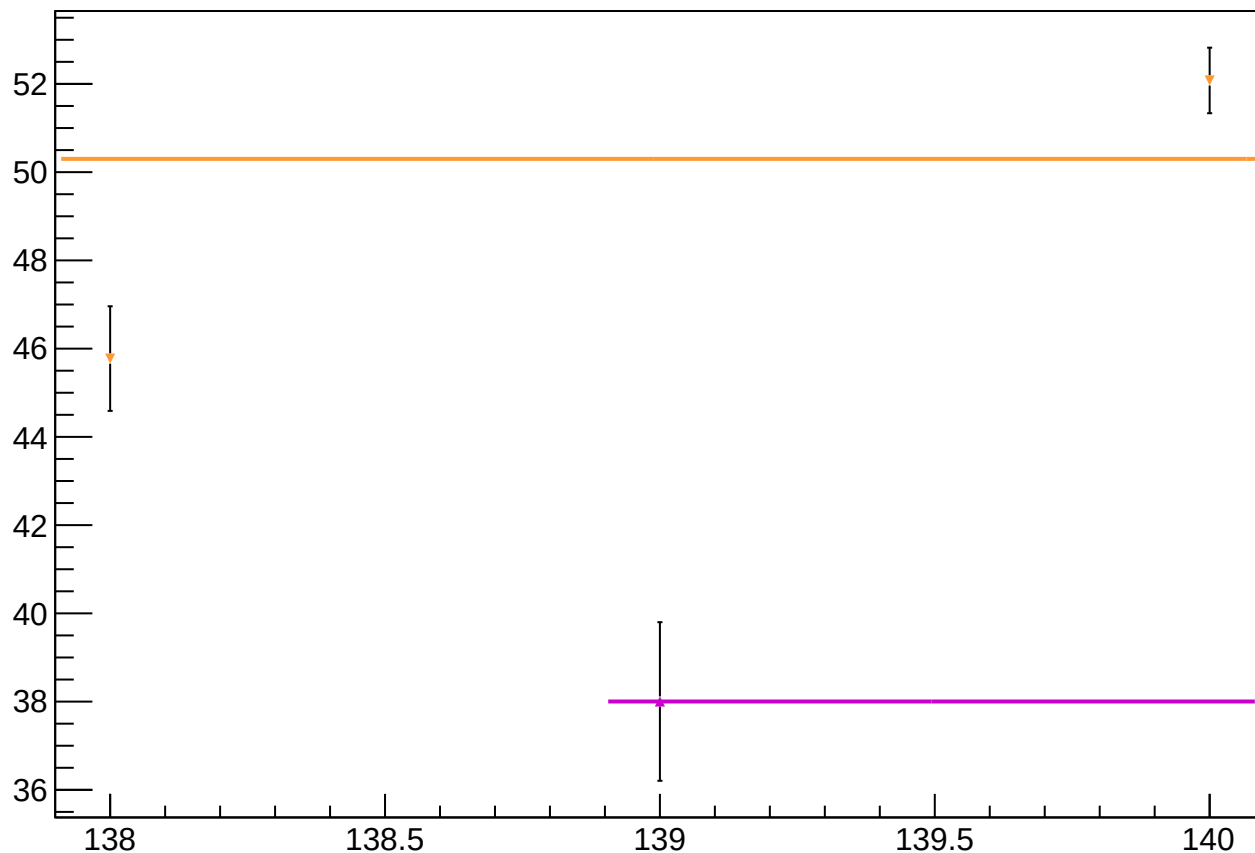
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -87.727 $\pm$ 1.102 χ^2/NDF : 0.0/0

Out: -57.920 $\pm$ 0.659 χ^2/NDF : 0.0/1

All: -65.779 $\pm$ 0.566 χ^2/NDF : 538.6/2

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 50.301+/-0.630 χ^2 /NDF:20.3/1

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

Left In: 38.003+/-1.798 χ^2 /NDF:0.0/0

Left: 48.957+/-0.594 χ^2 /NDF: 62.0/2

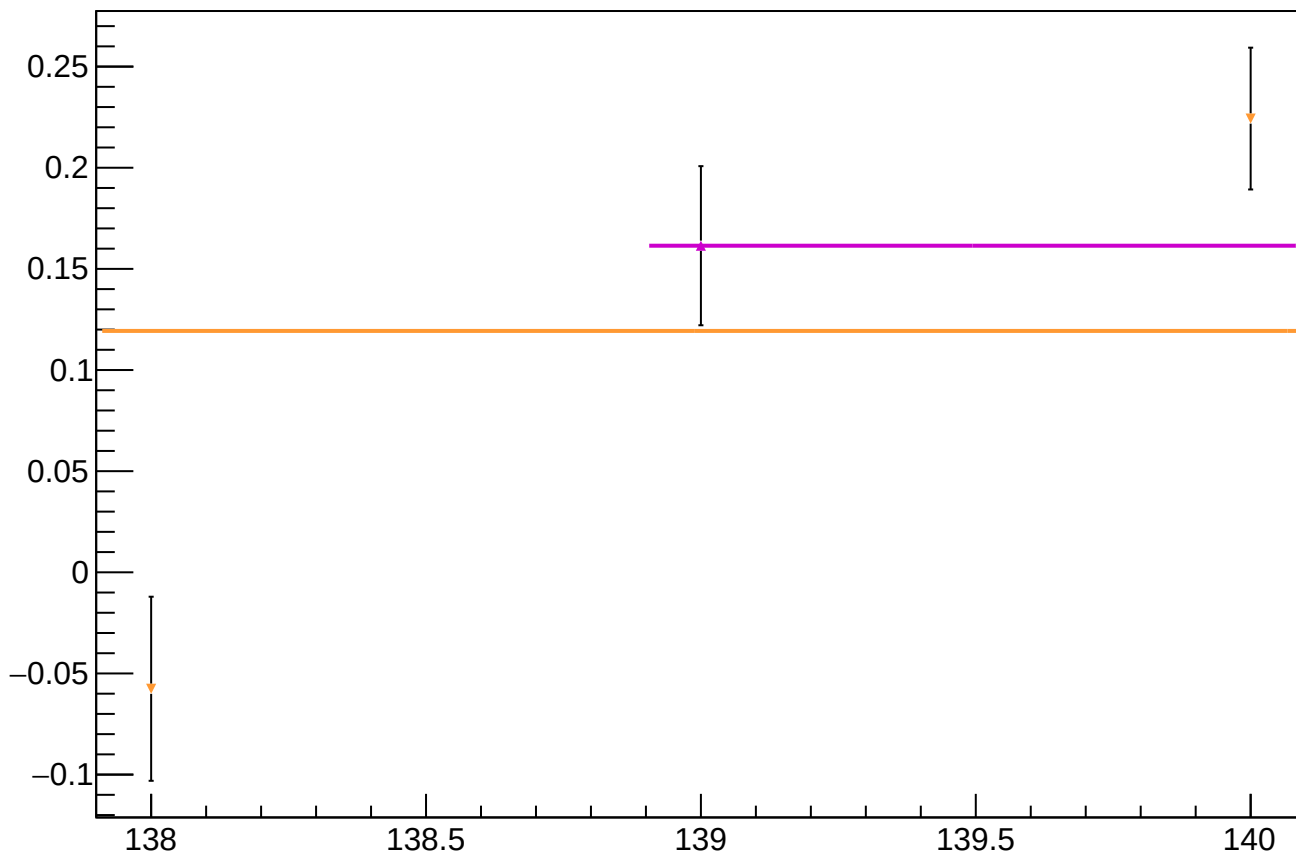
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 38.003+/-1.798 χ^2 /NDF:0.0/0

Out: 50.301+/-0.630 χ^2 /NDF:20.3/1

All: 48.957+/-0.594 χ^2 /NDF: 62.0/2

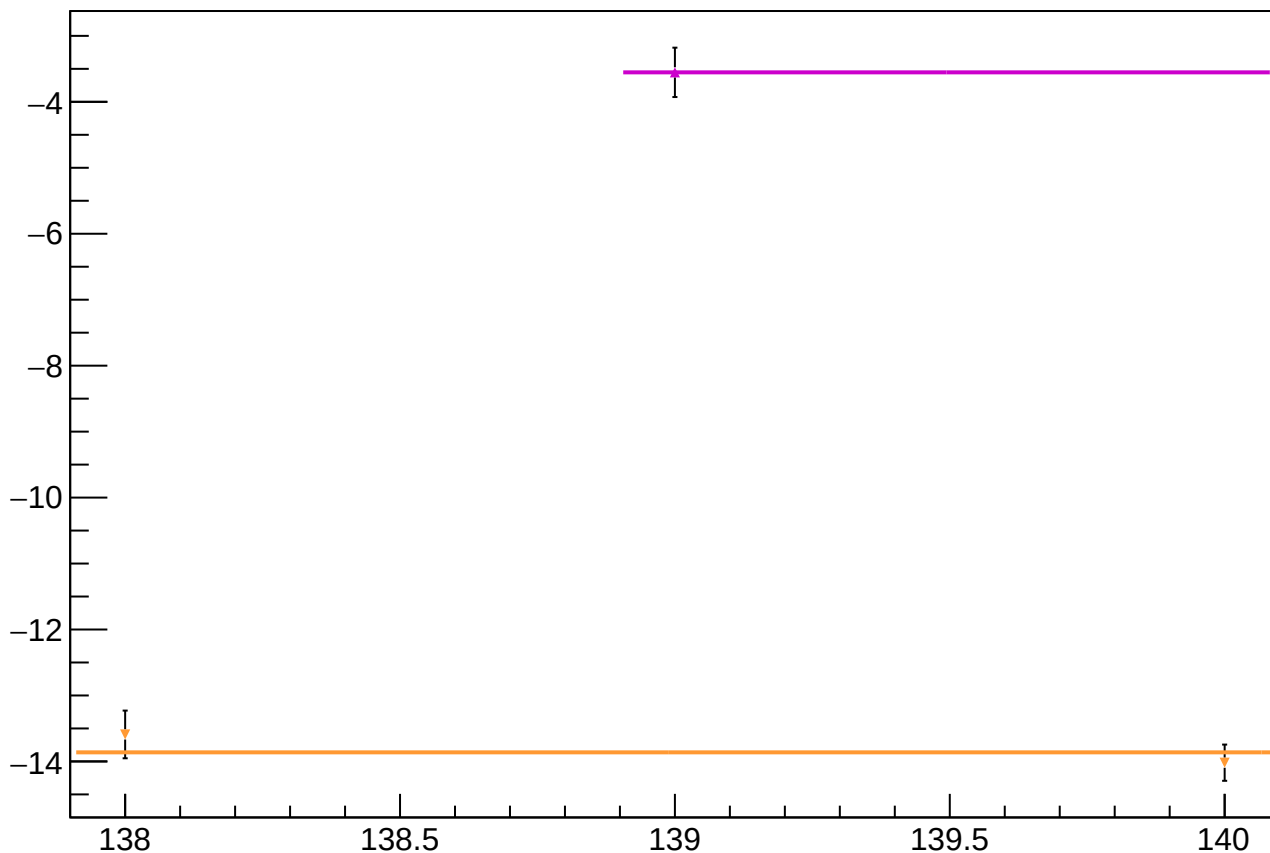
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.161+/-0.039 χ^2/NDF :0.0/0

Left: 0.133+/-0.023 χ^2/NDF : 24.9/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.161+/-0.039 χ^2/NDF :0.0/0
 Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 All: 0.133+/-0.023 χ^2/NDF : 24.9/2

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.862 ± 0.219 χ^2/NDF : 0.9/1

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

Left In: -3.553 ± 0.374 χ^2/NDF : 0.0/0

Left: -11.238 ± 0.189 χ^2/NDF : 566.7/2

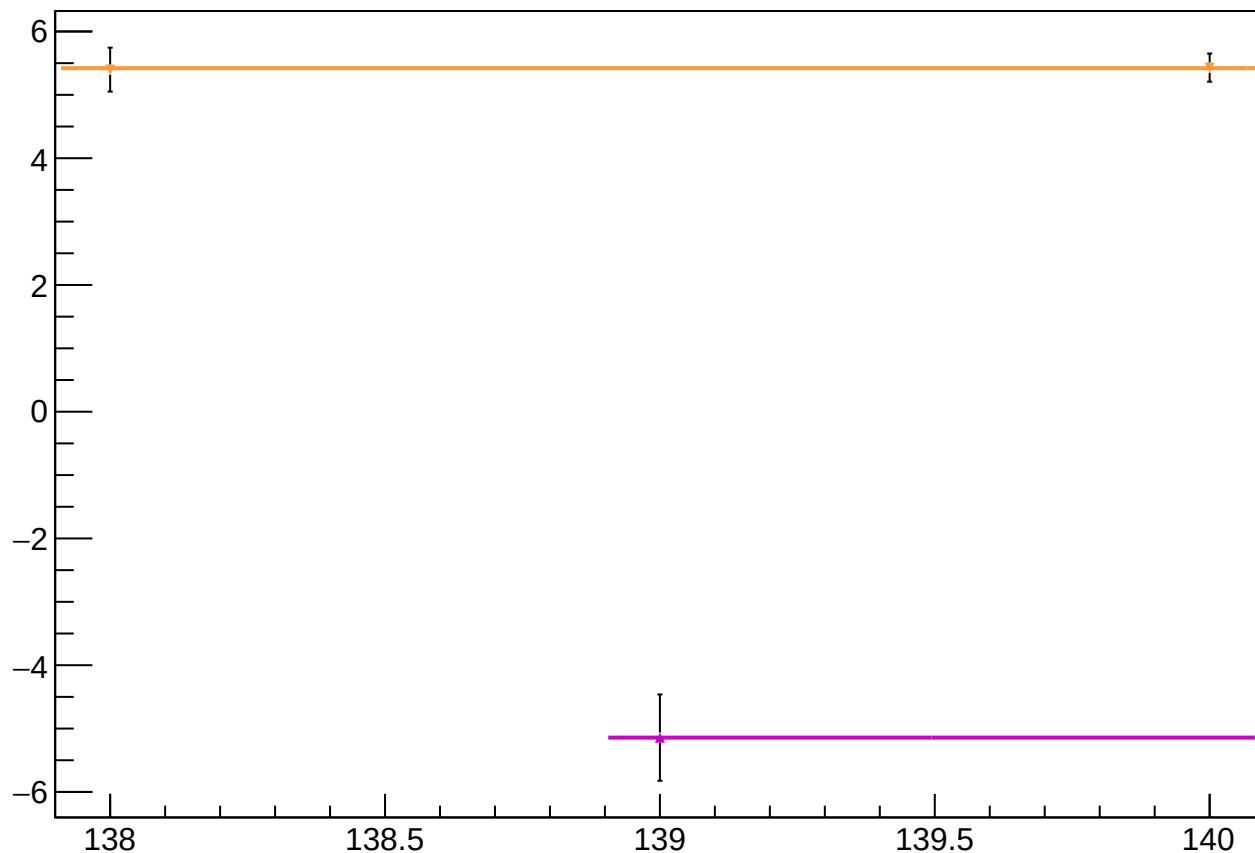
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -3.553 ± 0.374 χ^2/NDF : 0.0/0

Out: -13.862 ± 0.219 χ^2/NDF : 0.9/1

All: -11.238 ± 0.189 χ^2/NDF : 566.7/2

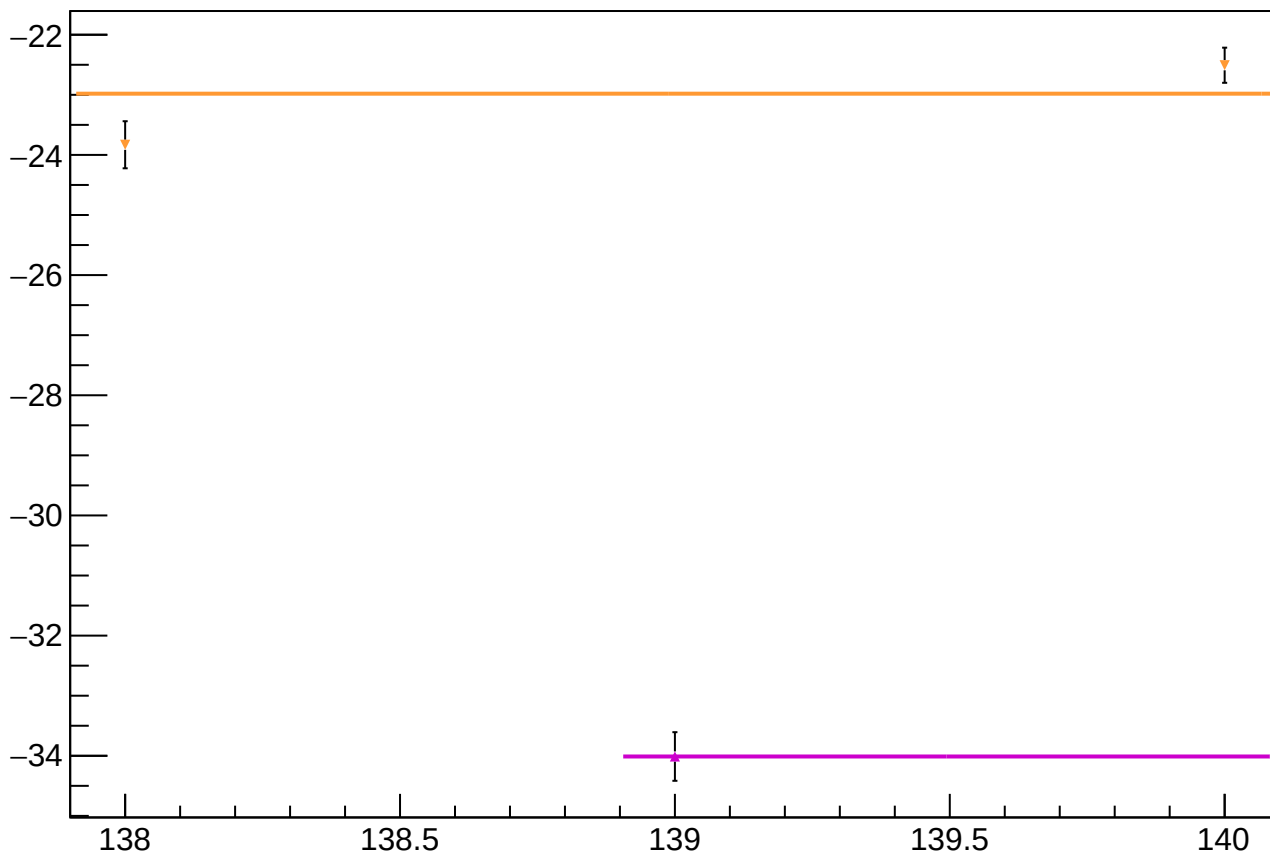
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.420 $\pm$ 0.187 χ^2 /NDF:0.0/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.143 $\pm$ 0.681 χ^2 /NDF:0.0/0

Left: 4.679 $\pm$ 0.180 χ^2 /NDF: 223.6/2
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.143 $\pm$ 0.681 χ^2 /NDF:0.0/0
 Out: 5.420 $\pm$ 0.187 χ^2 /NDF:0.0/1
 All: 4.679 $\pm$ 0.180 χ^2 /NDF: 223.6/2

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -22.981+/-0.234 χ^2/NDF : 7.3/1

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

Left In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Left: -25.751+/-0.203 χ^2/NDF : 564.0/2

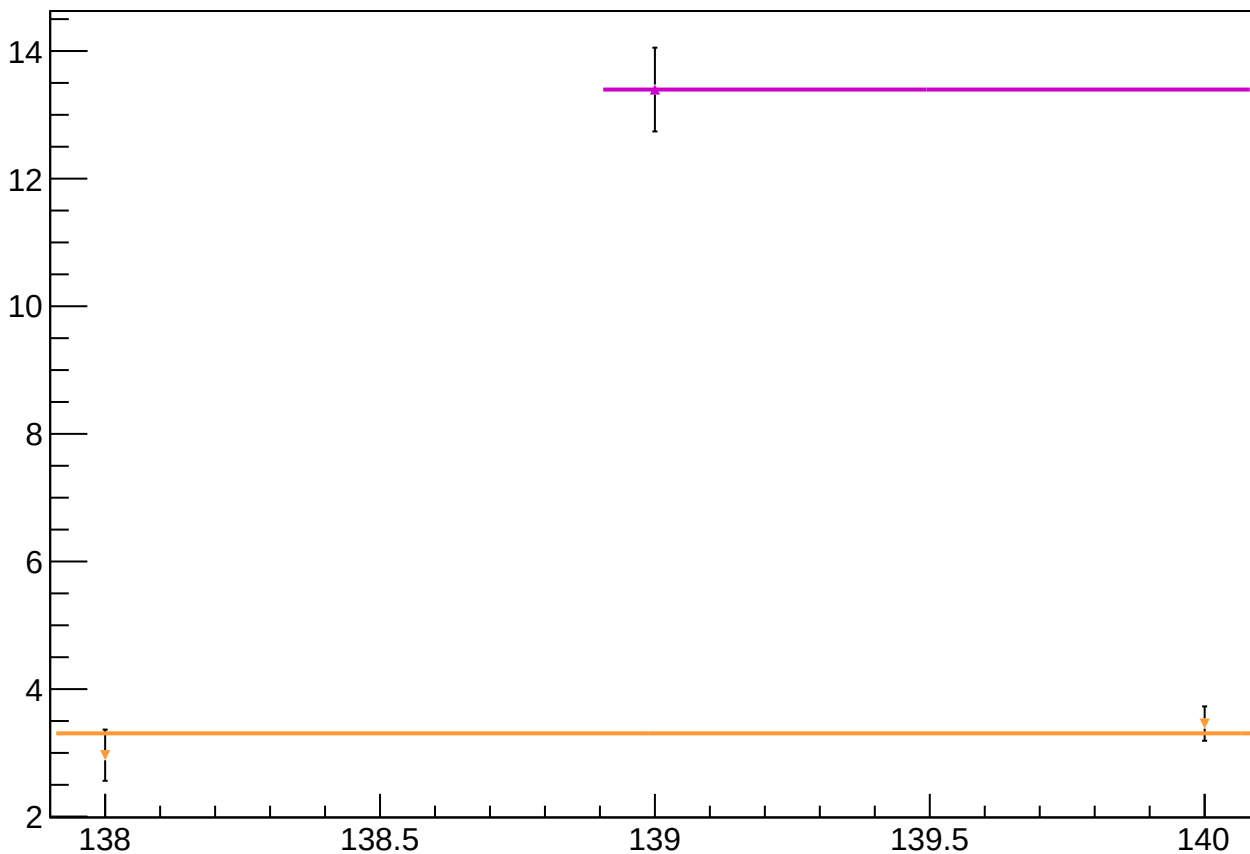
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.012+/-0.405 χ^2/NDF : 0.0/0

Out: -22.981+/-0.234 χ^2/NDF : 7.3/1

All: -25.751+/-0.203 χ^2/NDF : 564.0/2

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 4.354±/-0.212 χ^2 /NDF: 212.8/2

Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: 13.396±/-0.656 χ^2 /NDF: 0.0/0

Out: 3.306±/-0.223 χ^2 /NDF: 1.1/1

All: 4.354±/-0.212 χ^2 /NDF: 212.8/2

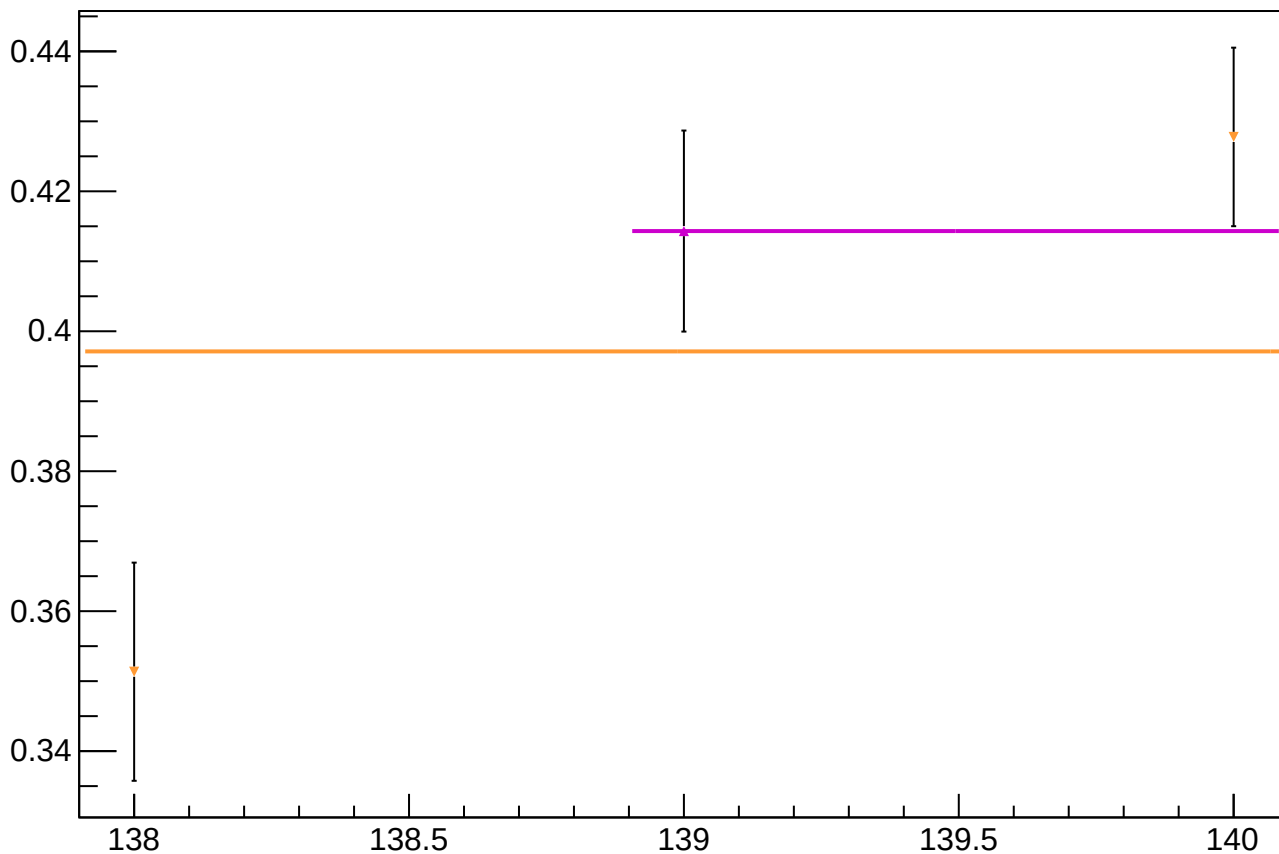
Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left Out: 3.306±/-0.223 χ^2 /NDF: 1.1/1

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

Left In: 13.396±/-0.656 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.397+/-0.010 χ^2/NDF :14.4/1

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

Left In: 0.414+/-0.014 χ^2/NDF :0.0/0

Left: 0.403+/-0.008 χ^2/NDF : 15.4/2

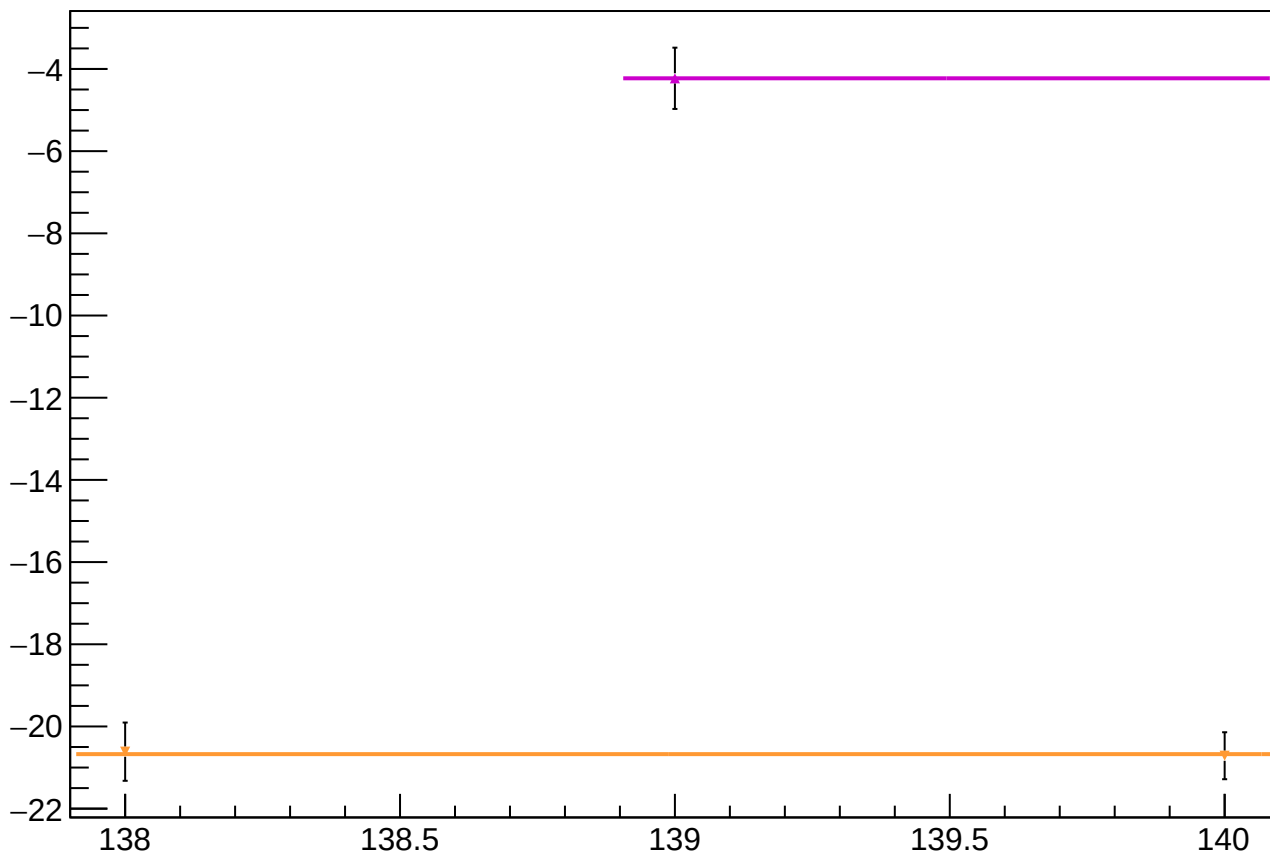
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.414+/-0.014 χ^2/NDF :0.0/0

Out: 0.397+/-0.010 χ^2/NDF :14.4/1

All: 0.403+/-0.008 χ^2/NDF : 15.4/2

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -20.673+/-0.445 χ^2/NDF : 0.0/1

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

Left In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Left: -16.356+/-0.382 χ^2/NDF : 358.8/2

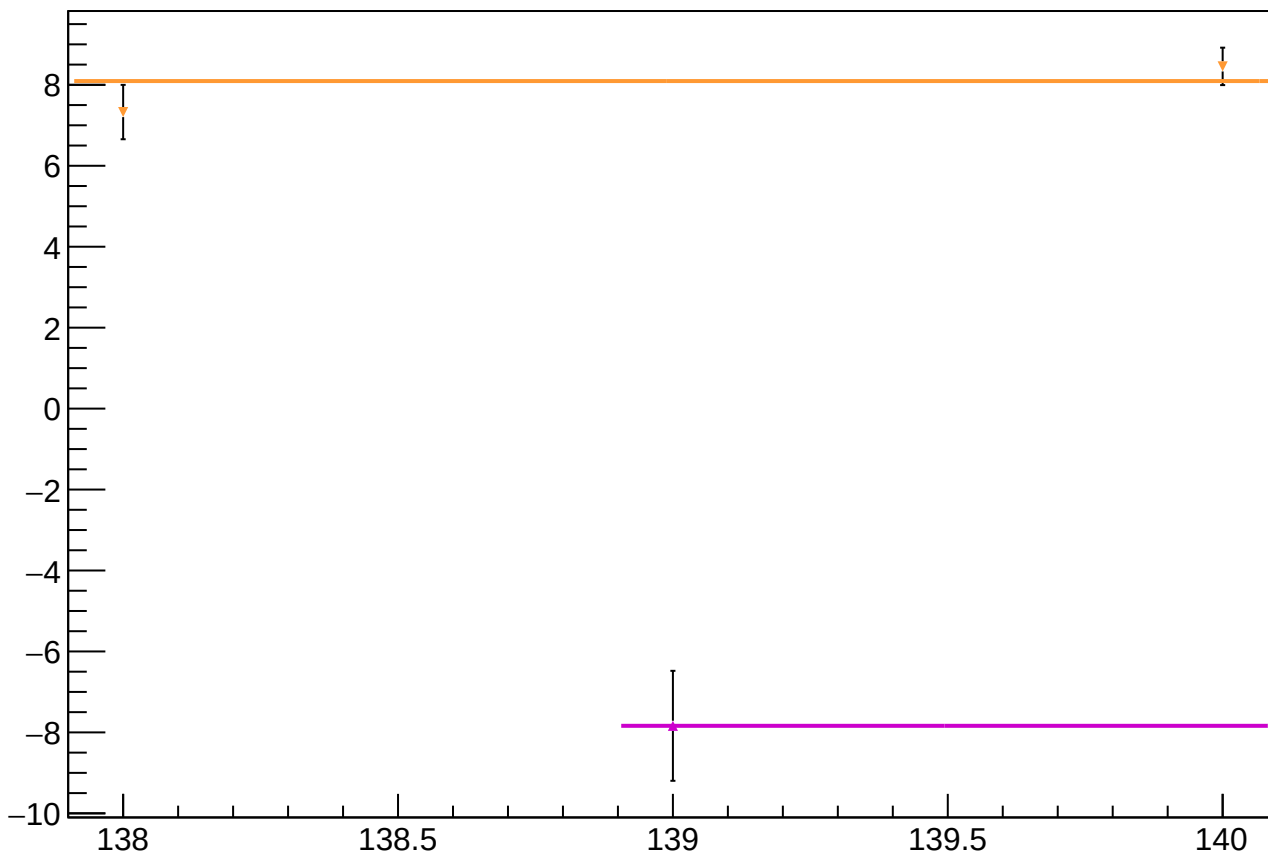
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.227+/-0.746 χ^2/NDF : 0.0/0

Out: -20.673+/-0.445 χ^2/NDF : 0.0/1

All: -16.356+/-0.382 χ^2/NDF : 358.8/2

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 8.093 ± 0.381 χ^2/NDF : 1.9/1

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

Left In: -7.837 ± 1.359 χ^2/NDF : 0.0/0

Left: 6.932 ± 0.367 χ^2/NDF : 129.4/2

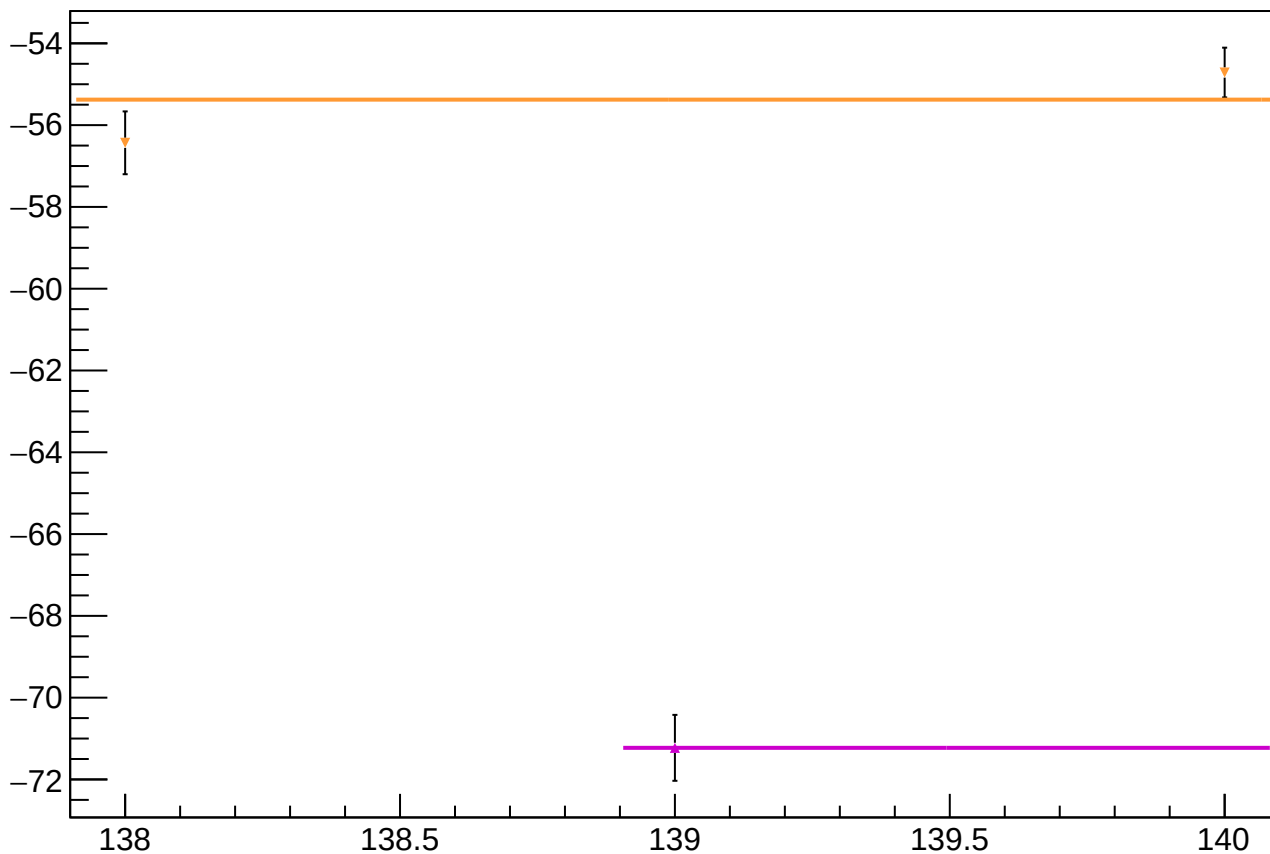
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -7.837 ± 1.359 χ^2/NDF : 0.0/0

Out: 8.093 ± 0.381 χ^2/NDF : 1.9/1

All: 6.932 ± 0.367 χ^2/NDF : 129.4/2

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -55.377+/-0.477 χ^2 /NDF:3.1/1

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

Left In: -71.227+/-0.806 χ^2 /NDF:0.0/0

Left: -59.486+/-0.410 χ^2 /NDF: 289.6/2

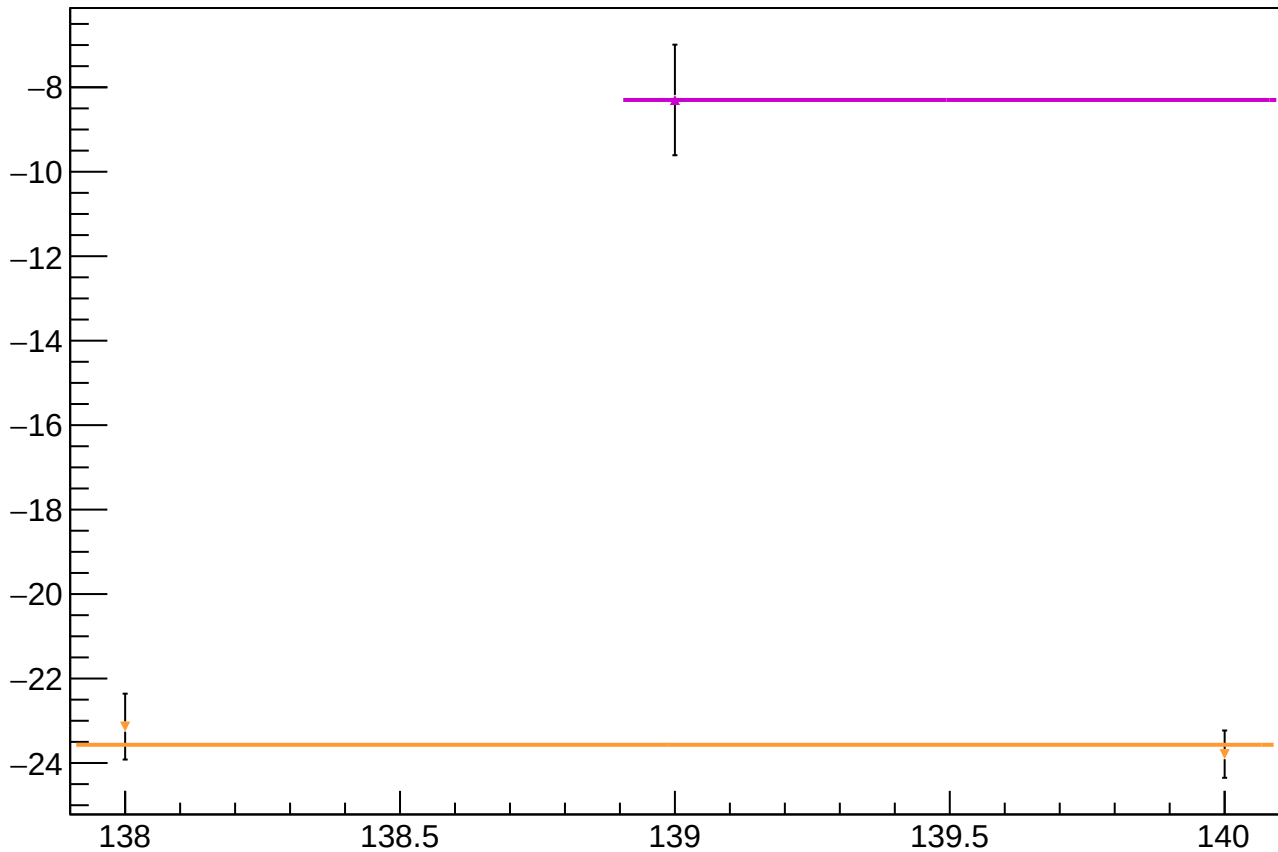
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -71.227+/-0.806 χ^2 /NDF:0.0/0

Out: -55.377+/-0.477 χ^2 /NDF:3.1/1

All: -59.486+/-0.410 χ^2 /NDF: 289.6/2

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -23.569+/-0.455 χ^2/NDF : 0.5/1

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

Left In: -8.300+/-1.309 χ^2/NDF : 0.0/0

Left: -21.924+/-0.430 χ^2/NDF : 121.8/2

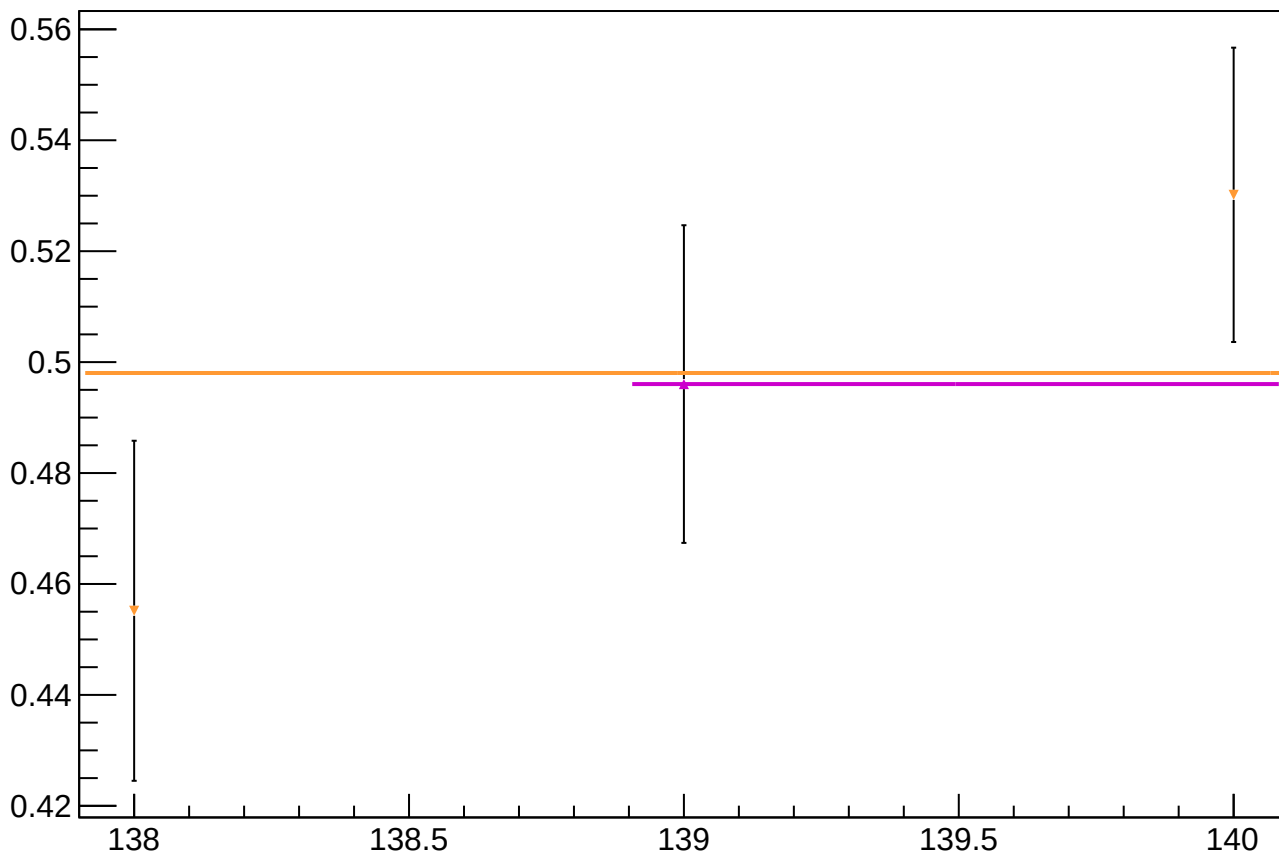
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.300+/-1.309 χ^2/NDF : 0.0/0

Out: -23.569+/-0.455 χ^2/NDF : 0.5/1

All: -21.924+/-0.430 χ^2/NDF : 121.8/2

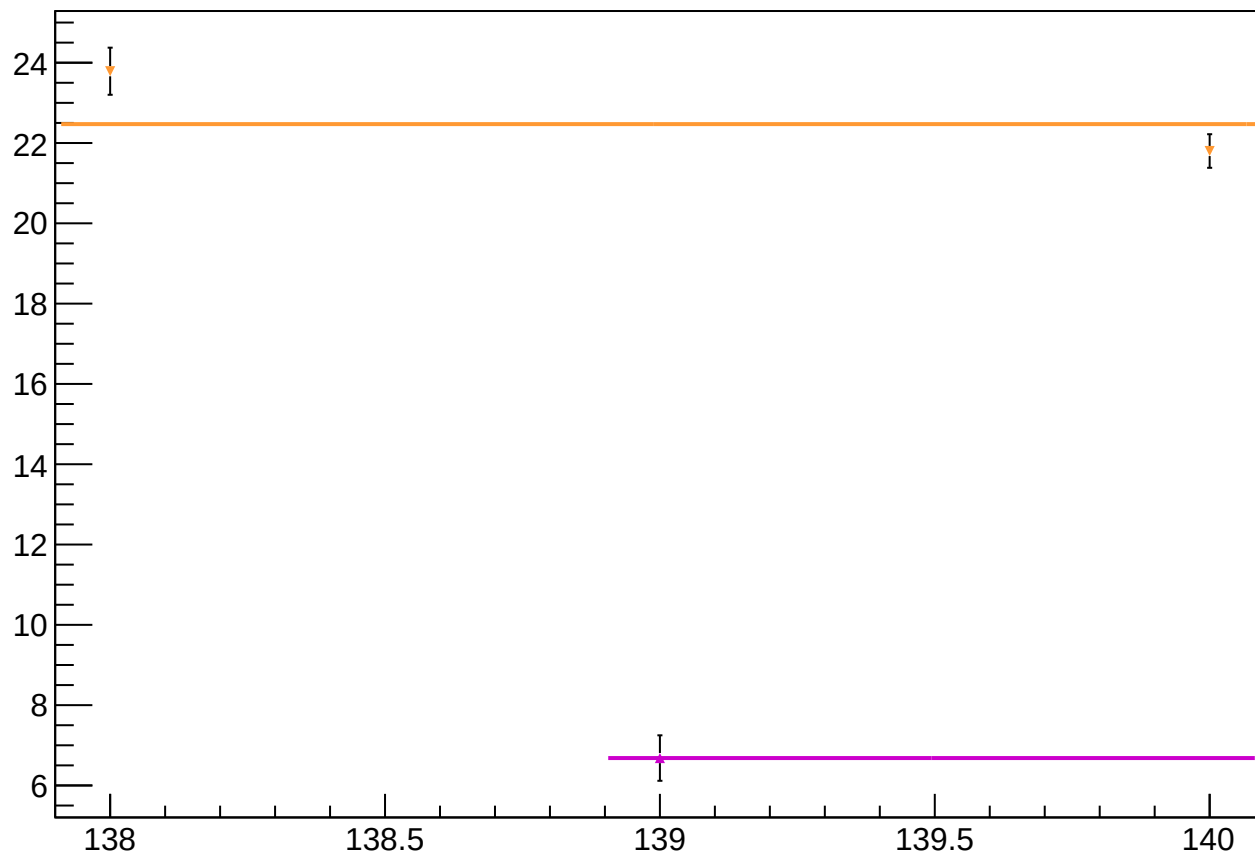
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.498+/-0.020 χ^2 /NDF:3.4/1
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.496+/-0.029 χ^2 /NDF:0.0/0

Left: 0.497+/-0.016 χ^2 /NDF: 3.4/2
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 0.496+/-0.029 χ^2 /NDF:0.0/0
 Out: 0.498+/-0.020 χ^2 /NDF:3.4/1
 All: 0.497+/-0.016 χ^2 /NDF: 3.4/2

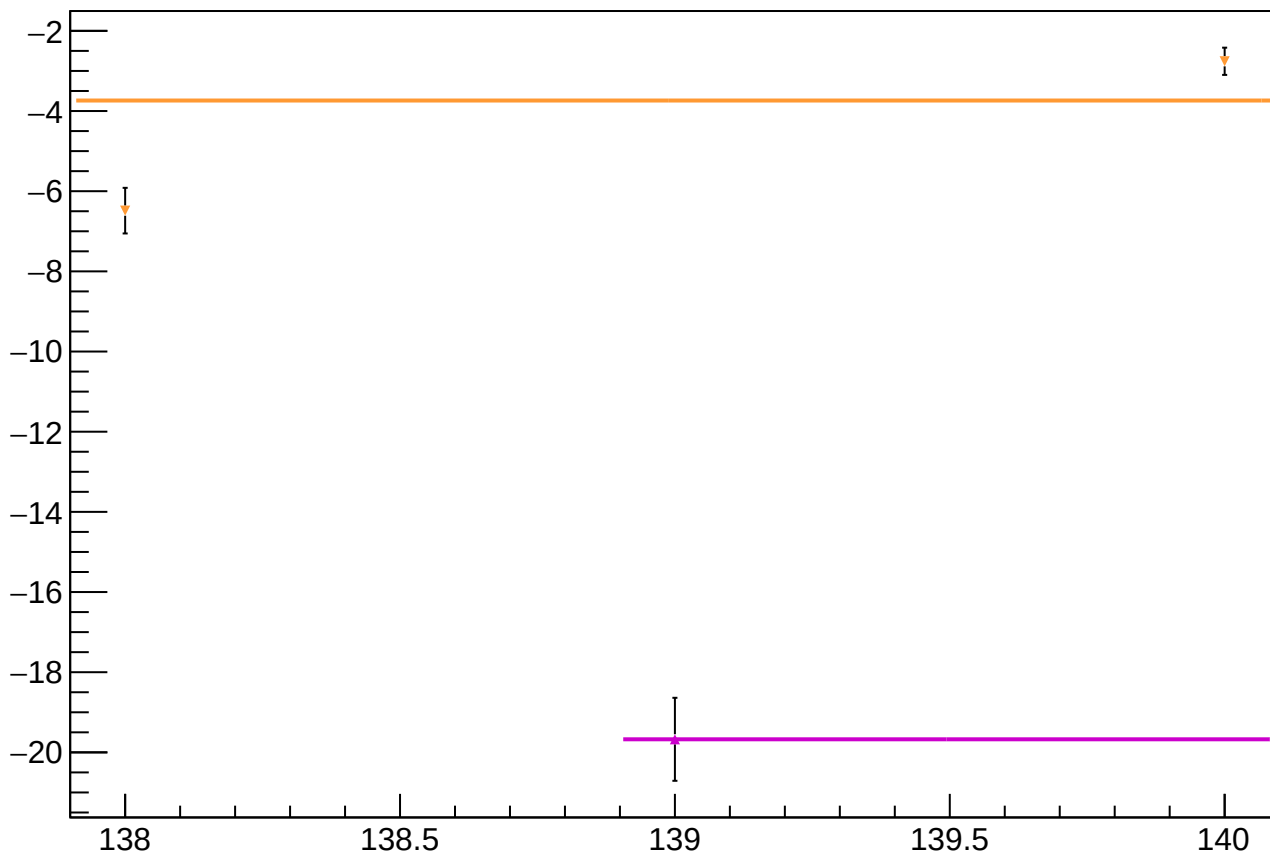
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.471+/-0.341 χ^2/NDF : 7.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.682+/-0.566 χ^2/NDF : 0.0/0

Left: 18.277+/-0.292 χ^2/NDF : 578.3/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.682+/-0.566 χ^2/NDF : 0.0/0
 Out: 22.471+/-0.341 χ^2/NDF : 7.6/1
 All: 18.277+/-0.292 χ^2/NDF : 578.3/2

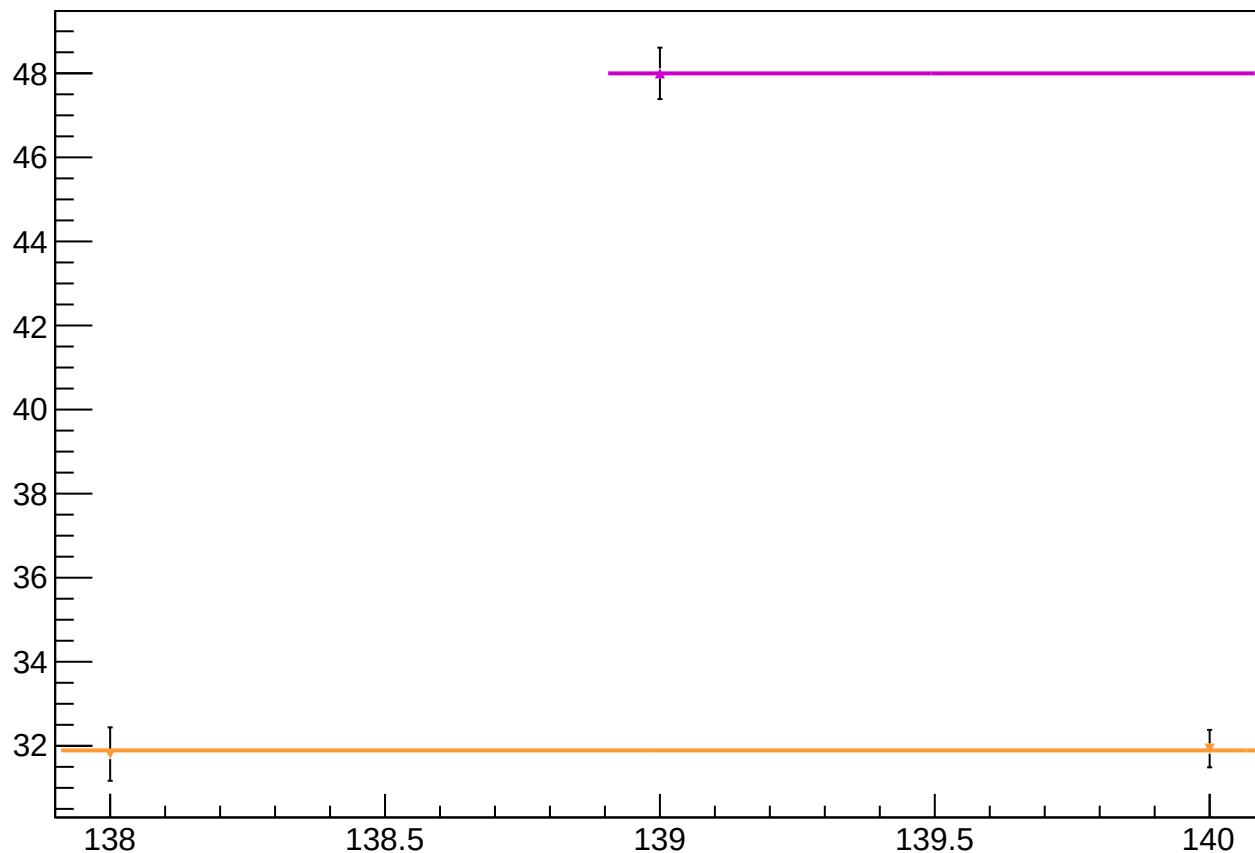
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.738+/-0.292 χ^2/NDF :31.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.674+/-1.035 χ^2/NDF :0.0/0

Left: -4.909+/-0.281 χ^2/NDF : 251.1/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.674+/-1.035 χ^2/NDF :0.0/0
 Out: -3.738+/-0.292 χ^2/NDF :31.6/1
 All: -4.909+/-0.281 χ^2/NDF : 251.1/2

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 31.891+/-0.365 χ^2/NDF : 0.0/1

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

Left In: 47.998+/-0.612 χ^2/NDF : 0.0/0

Left: 36.115+/-0.313 χ^2/NDF : 511.2/2

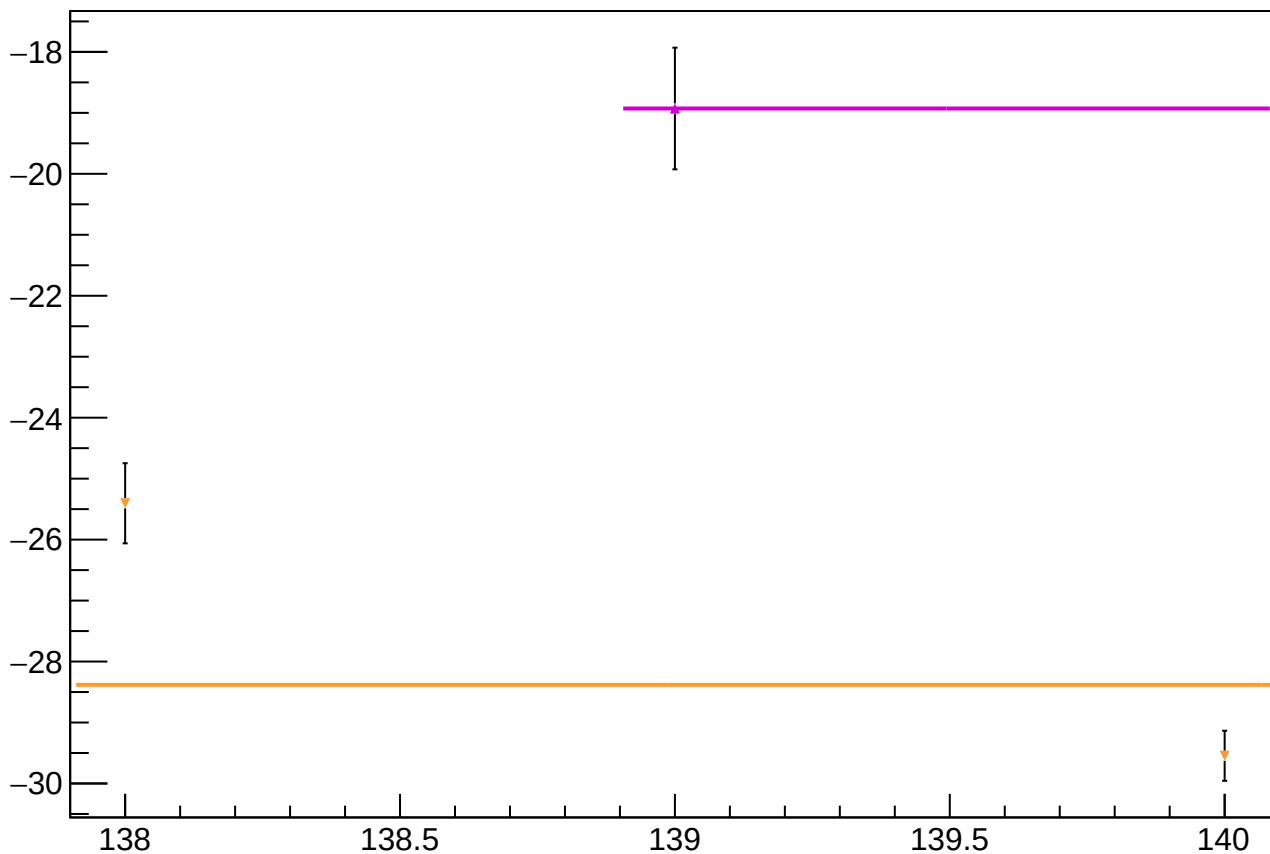
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.998+/-0.612 χ^2/NDF : 0.0/0

Out: 31.891+/-0.365 χ^2/NDF : 0.0/1

All: 36.115+/-0.313 χ^2/NDF : 511.2/2

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -28.382+/-0.348 χ^2/NDF : 28.6/1

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

Left In: -18.929+/-0.998 χ^2/NDF : 0.0/0

Left: -27.356+/-0.329 χ^2/NDF : 108.6/2

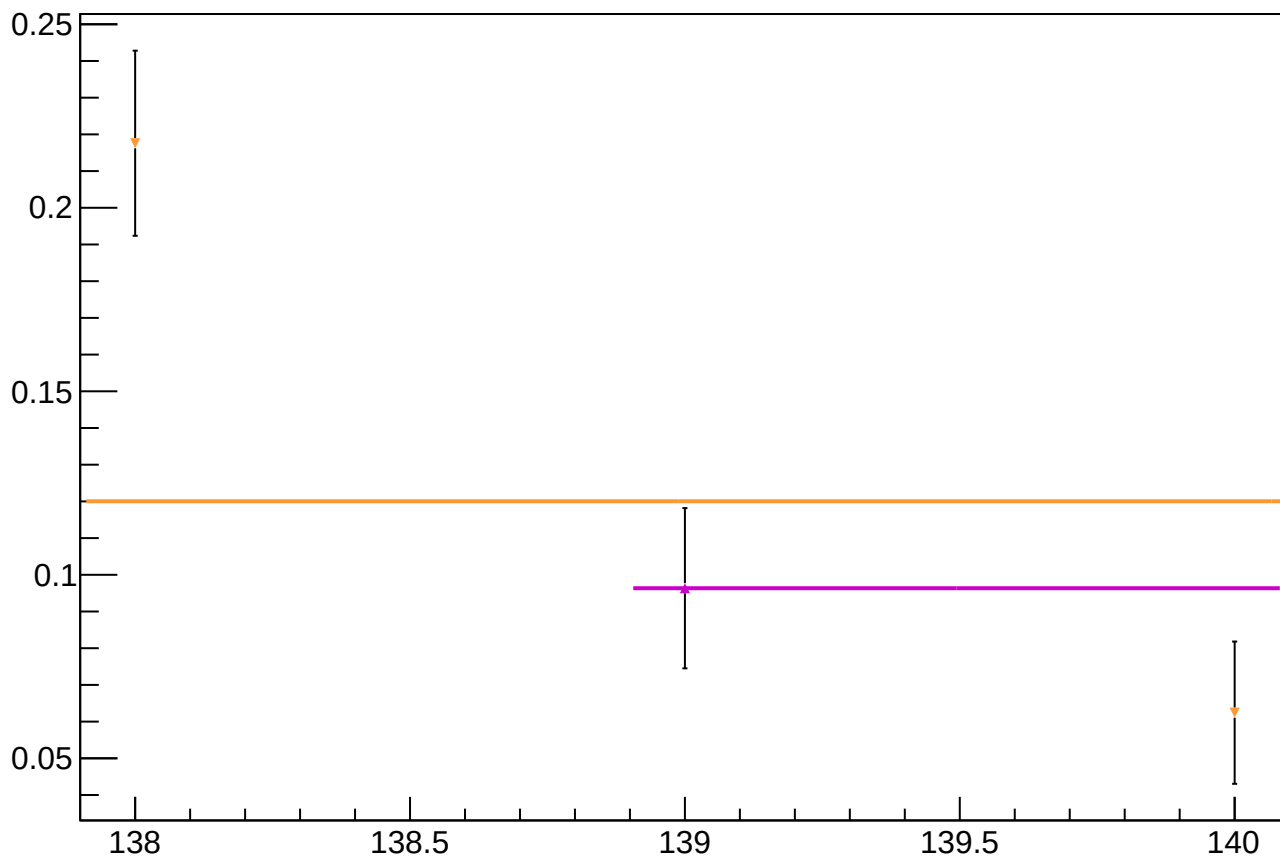
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.929+/-0.998 χ^2/NDF : 0.0/0

Out: -28.382+/-0.348 χ^2/NDF : 28.6/1

All: -27.356+/-0.329 χ^2/NDF : 108.6/2

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.120 $\pm$ 0.015 χ^2 /NDF:23.8/1

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

Left In: 0.096 $\pm$ 0.022 χ^2 /NDF:0.0/0

Left: 0.112 $\pm$ 0.013 χ^2 /NDF: 24.6/2

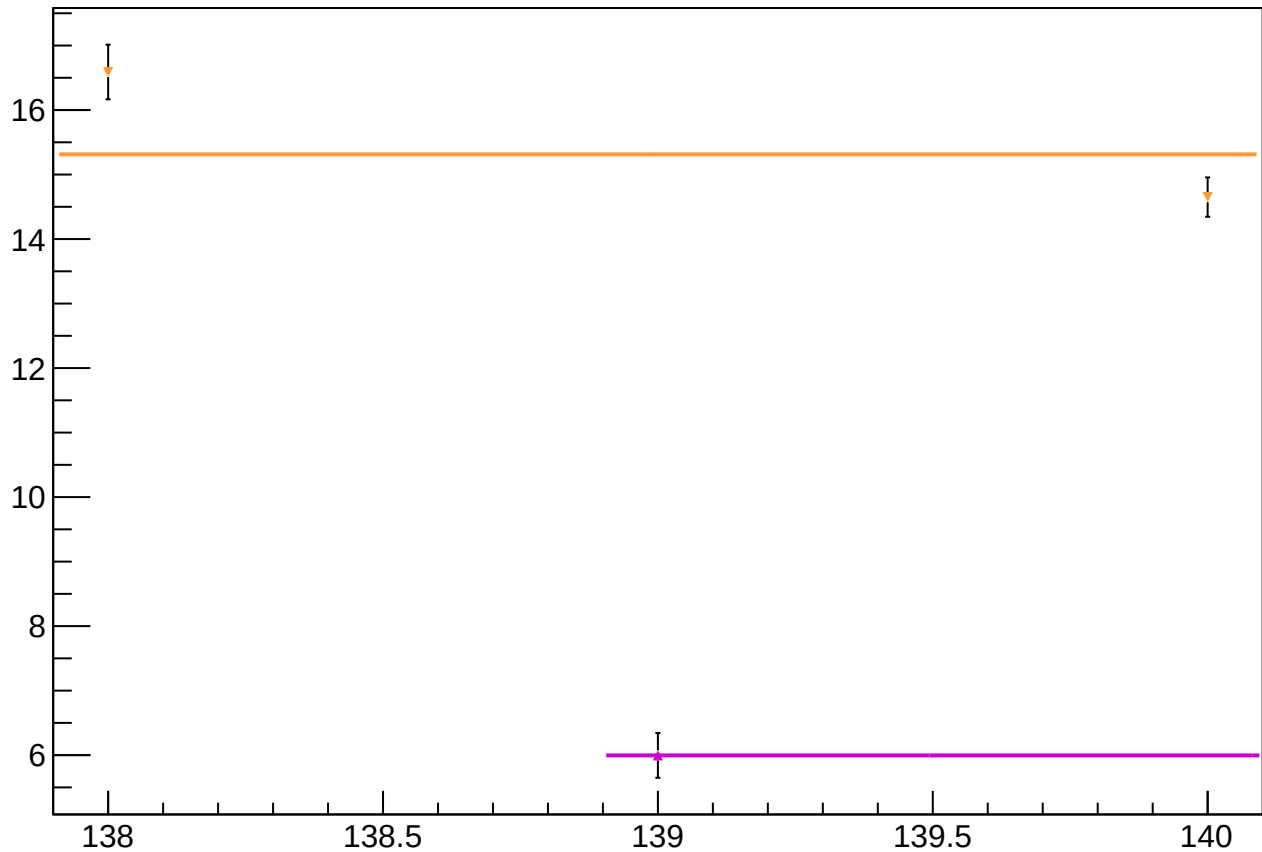
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.096 $\pm$ 0.022 χ^2 /NDF:0.0/0

Out: 0.120 $\pm$ 0.015 χ^2 /NDF:23.8/1

All: 0.112 $\pm$ 0.013 χ^2 /NDF: 24.6/2

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 15.313±/-0.248 χ^2/NDF :13.8/1

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

Left In: 5.996±/-0.347 χ^2/NDF :0.0/0

Left: 12.170±/-0.202 χ^2/NDF : 491.1/2

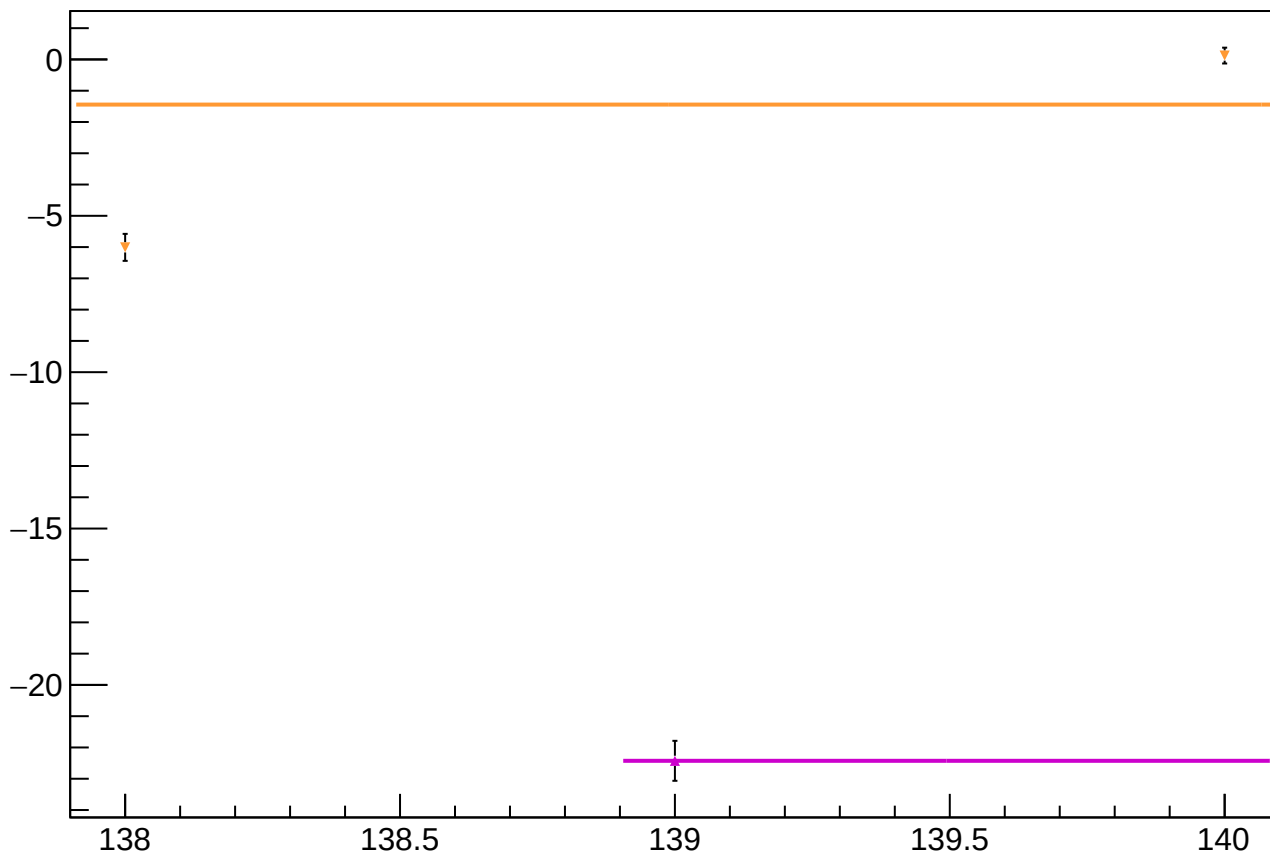
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 5.996±/-0.347 χ^2/NDF :0.0/0

Out: 15.313±/-0.248 χ^2/NDF :13.8/1

All: 12.170±/-0.202 χ^2/NDF : 491.1/2

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

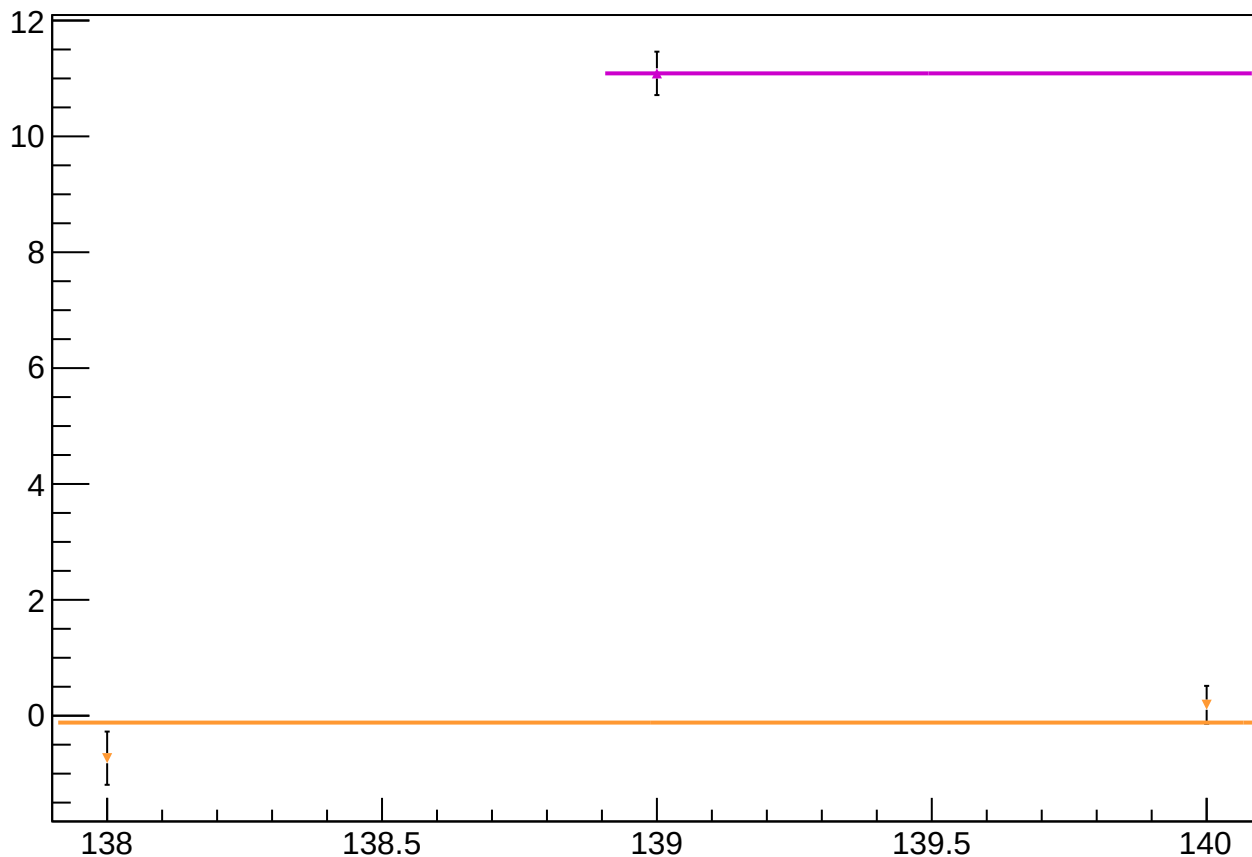


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.443+/-0.218 χ^2/NDF :150.4/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.427+/-0.639 χ^2/NDF :0.0/0

Left: -3.633+/-0.206 χ^2/NDF : 1116.3/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -22.427+/-0.639 χ^2/NDF :0.0/0
 Out: -1.443+/-0.218 χ^2/NDF :150.4/1

All: -3.633+/-0.206 χ^2/NDF : 1116.3/2

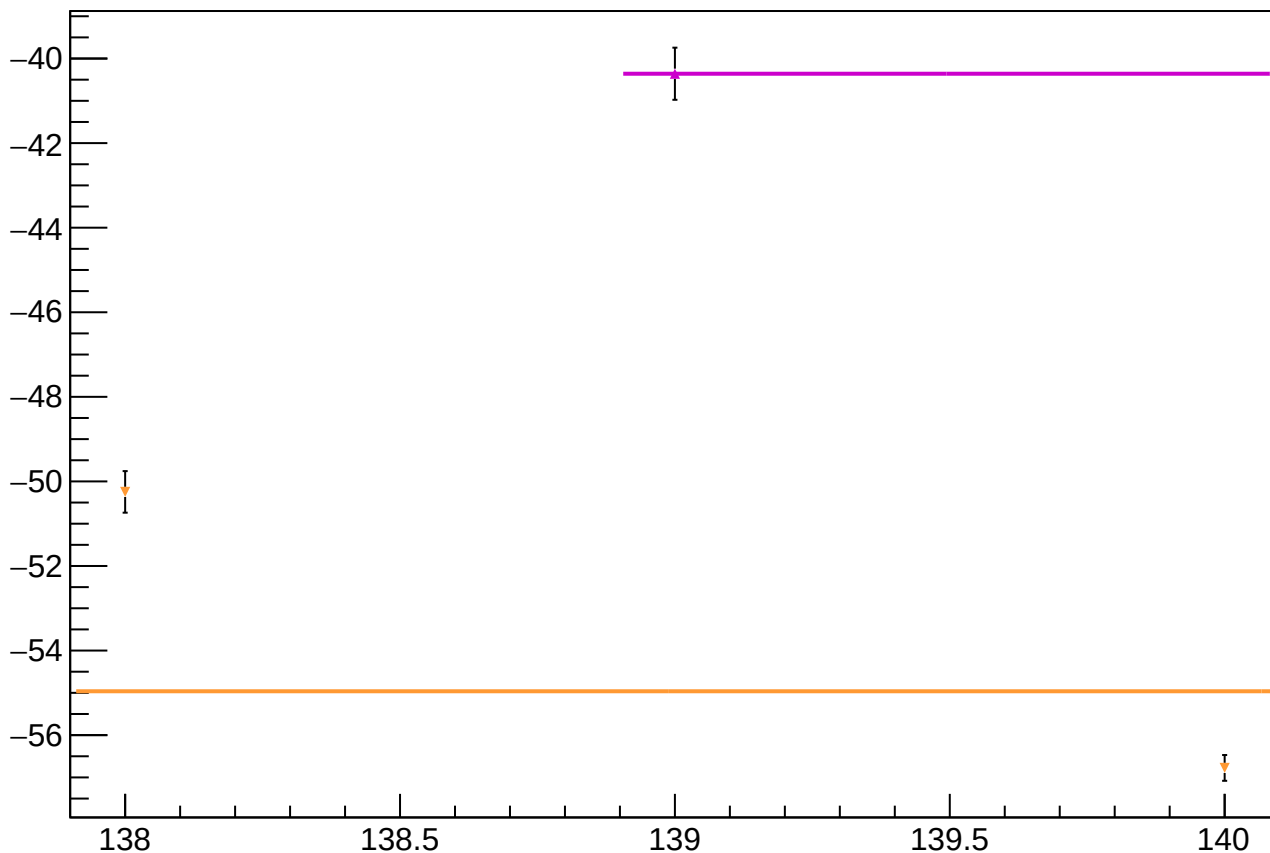
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.119±/-0.265 χ^2 /NDF:2.7/1
 Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Left In: 11.088±/-0.375 χ^2 /NDF:0.0/0

Left: 3.628±/-0.217 χ^2 /NDF: 598.4/2
 Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 In: 11.088±/-0.375 χ^2 /NDF:0.0/0
 Out: -0.119±/-0.265 χ^2 /NDF:2.7/1
 All: 3.628±/-0.217 χ^2 /NDF: 598.4/2

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -54.963+/-0.259 χ^2/NDF :127.3/1

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

Left In: -40.359+/-0.616 χ^2/NDF :0.0/0

Left: -52.770+/-0.239 χ^2/NDF : 604.5/2

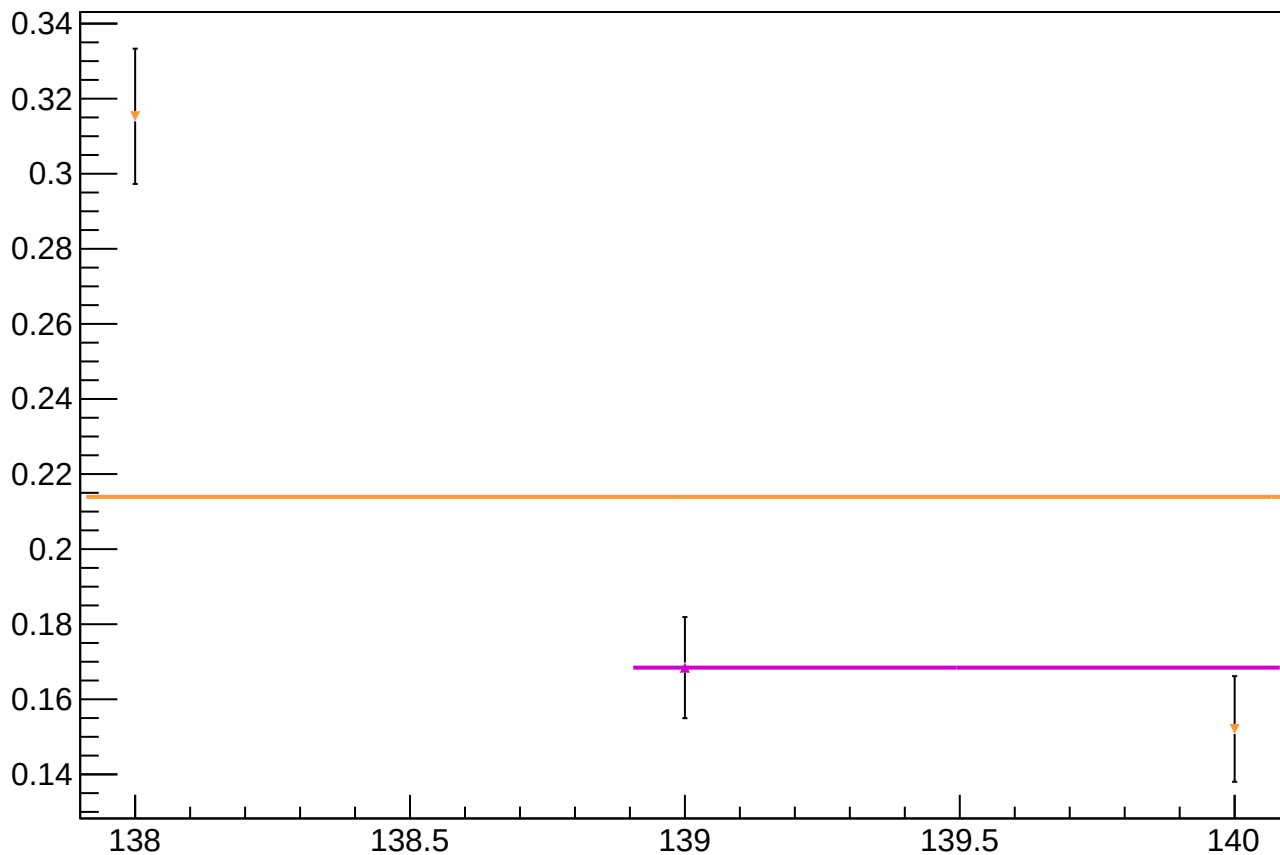
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.359+/-0.616 χ^2/NDF :0.0/0

Out: -54.963+/-0.259 χ^2/NDF :127.3/1

All: -52.770+/-0.239 χ^2/NDF : 604.5/2

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.214 $\pm$ 0.011 χ^2/NDF : 51.0/1

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

Left In: 0.168 $\pm$ 0.013 χ^2/NDF : 0.0/0

Left: 0.196 $\pm$ 0.009 χ^2/NDF : 57.8/2

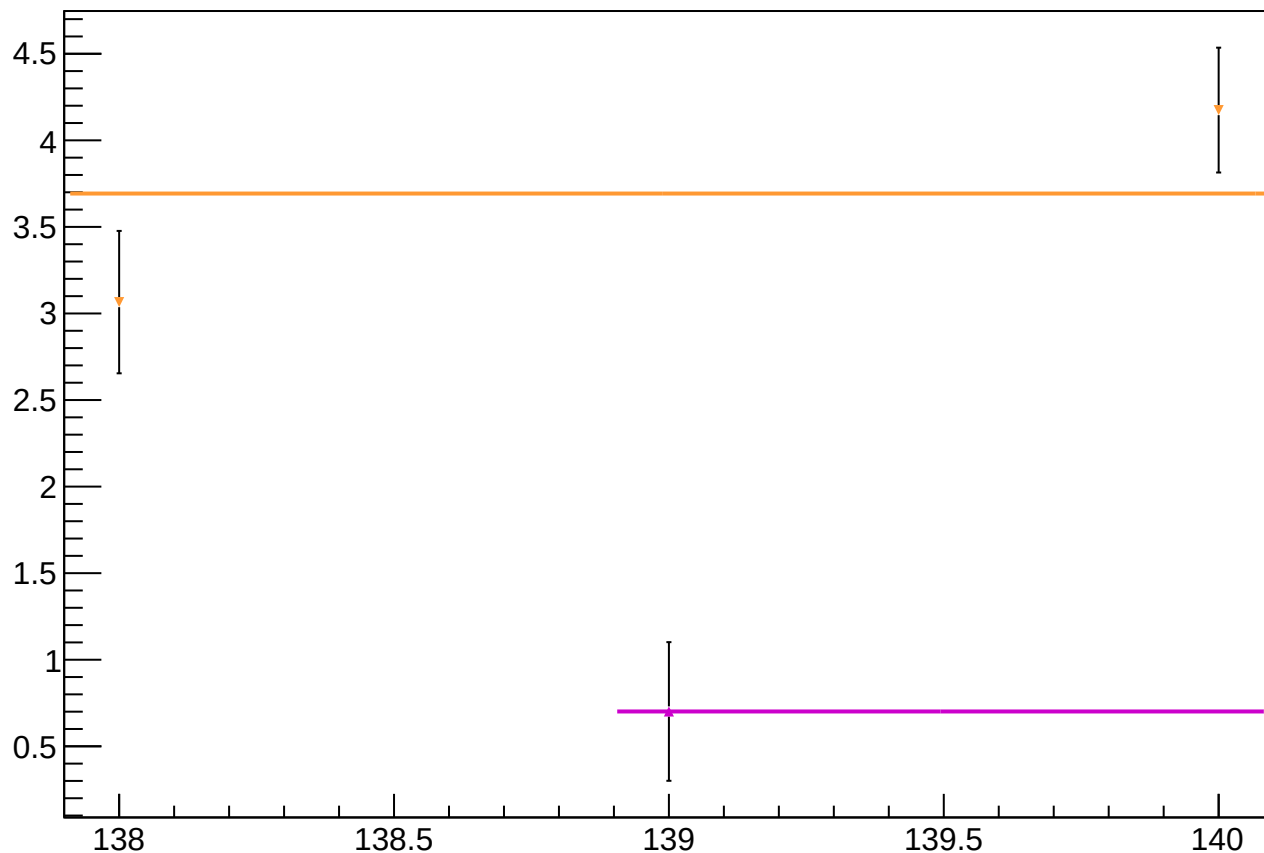
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 0.168 $\pm$ 0.013 χ^2/NDF : 0.0/0

Out: 0.214 $\pm$ 0.011 χ^2/NDF : 51.0/1

All: 0.196 $\pm$ 0.009 χ^2/NDF : 57.8/2

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

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

Left In: 0.701+/-0.400 χ^2/NDF : 0.0/0

Left: 2.753+/-0.224 χ^2/NDF : 42.4/2

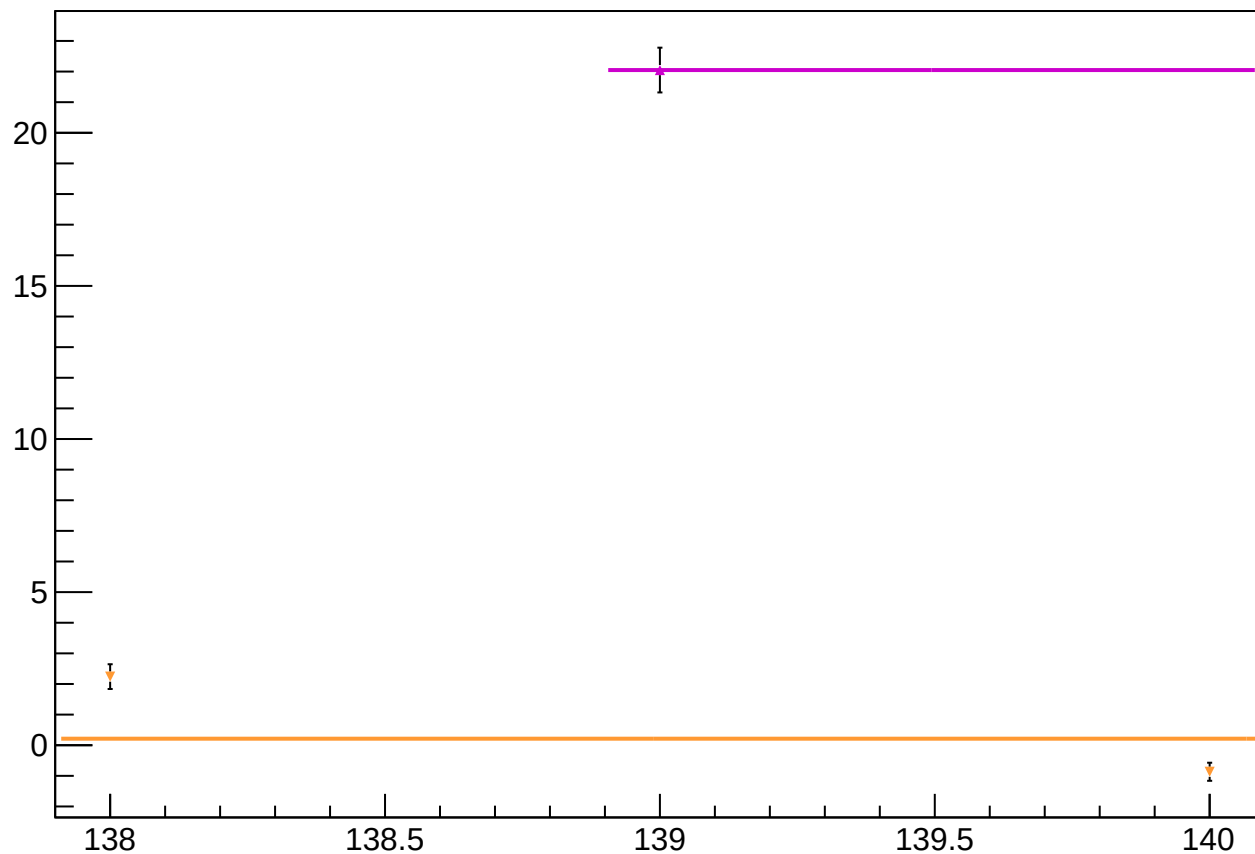
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.701+/-0.400 χ^2/NDF : 0.0/0

Out: 3.693+/-0.271 χ^2/NDF : 4.1/1

All: 2.753+/-0.224 χ^2/NDF : 42.4/2

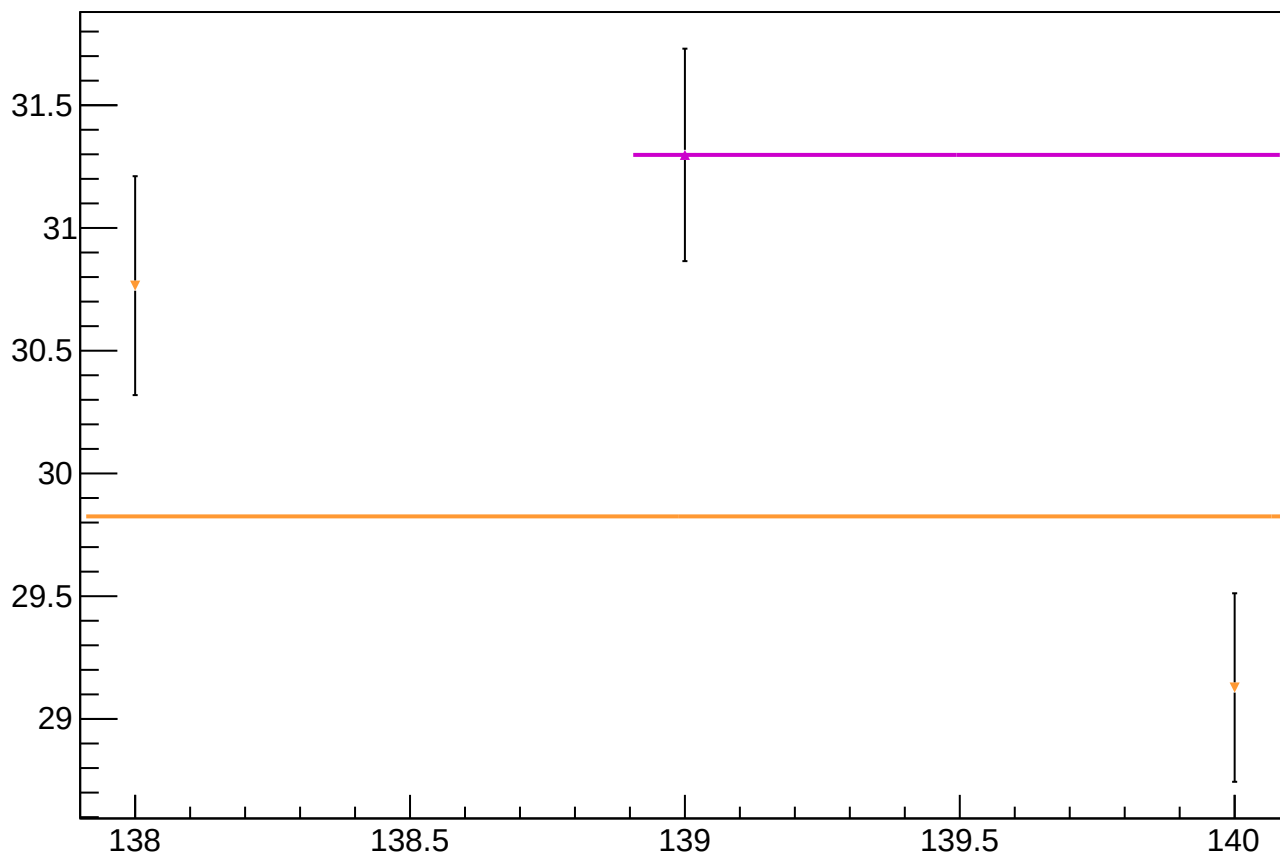
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.214+/-0.238 χ^2/NDF :38.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.049+/-0.731 χ^2/NDF :0.0/0

Left: 2.311+/-0.227 χ^2/NDF : 845.0/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.049+/-0.731 χ^2/NDF :0.0/0
 Out: 0.214+/-0.238 χ^2/NDF :38.6/1
 All: 2.311+/-0.227 χ^2/NDF : 845.0/2

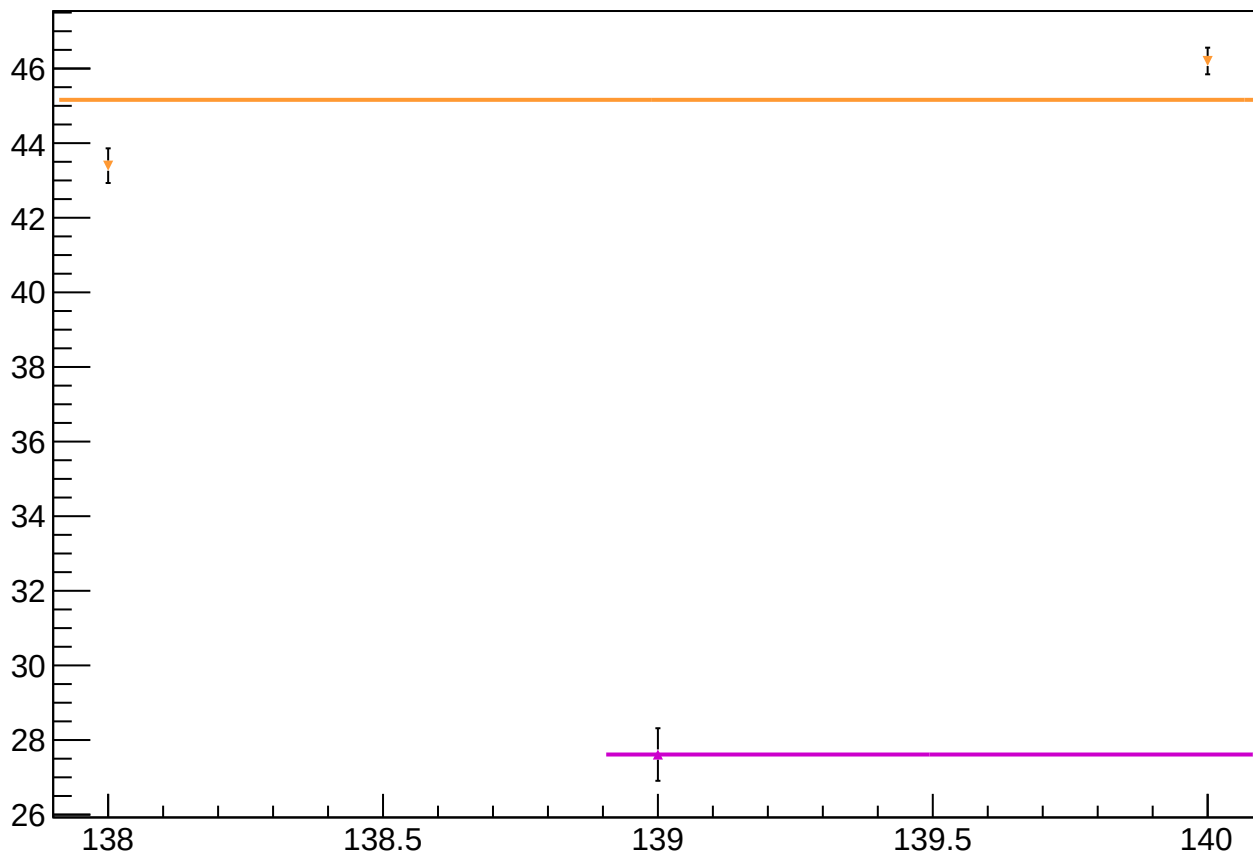
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 29.825 $\pm$ 0.291 χ^2/NDF : 7.7/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 31.298 $\pm$ 0.433 χ^2/NDF : 0.0/0

Left: 30.284 $\pm$ 0.241 χ^2/NDF : 15.7/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 31.298 $\pm$ 0.433 χ^2/NDF : 0.0/0
 Out: 29.825 $\pm$ 0.291 χ^2/NDF : 7.7/1
 All: 30.284 $\pm$ 0.241 χ^2/NDF : 15.7/2

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 45.161+/-0.283 χ^2/NDF :22.9/1

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

Left In: 27.612+/-0.705 χ^2/NDF :0.0/0

Left: 42.723+/-0.263 χ^2/NDF : 557.1/2

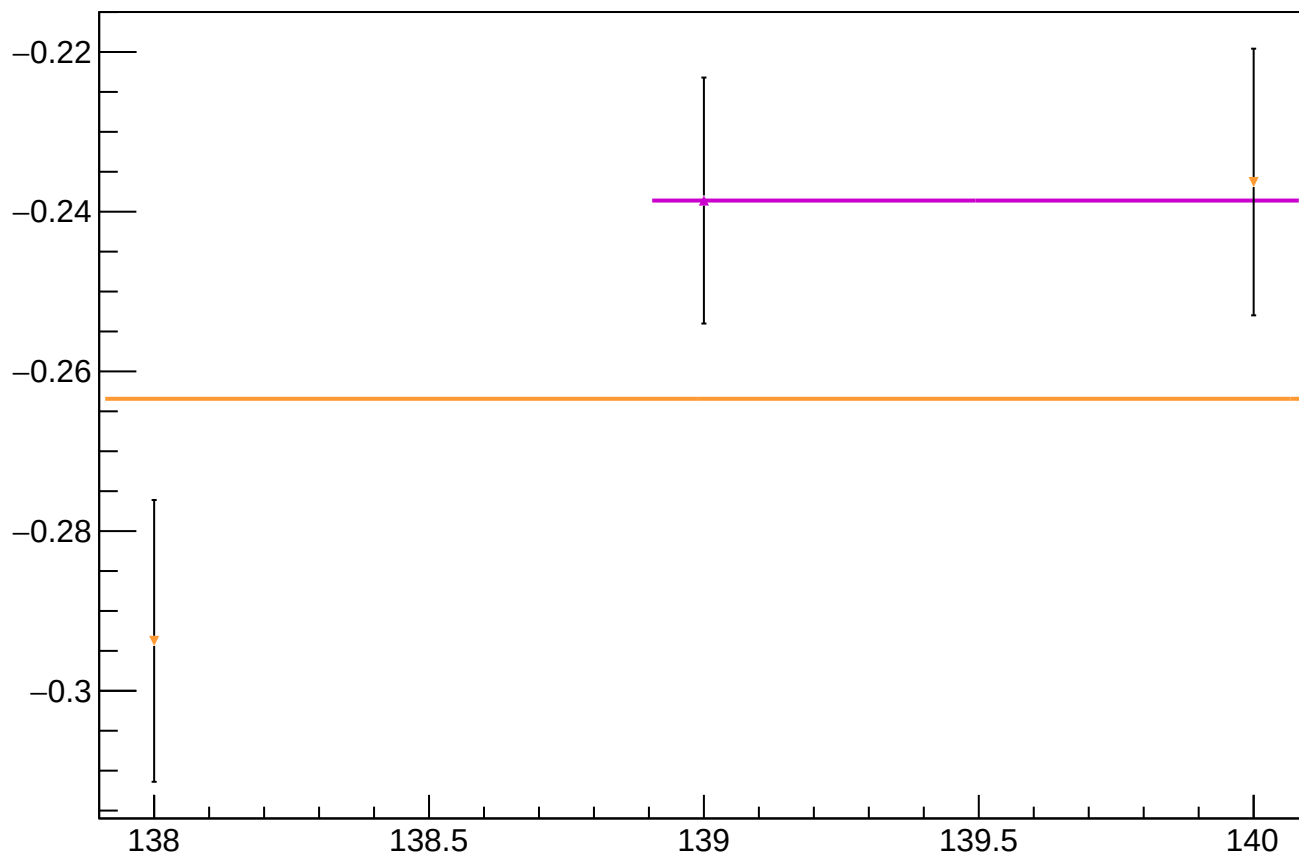
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.612+/-0.705 χ^2/NDF :0.0/0

Out: 45.161+/-0.283 χ^2/NDF :22.9/1

All: 42.723+/-0.263 χ^2/NDF : 557.1/2

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.263+/-0.012 χ^2/NDF : 5.6/1

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

Left In: -0.239+/-0.015 χ^2/NDF : 0.0/0

Left: -0.254+/-0.010 χ^2/NDF : 7.2/2

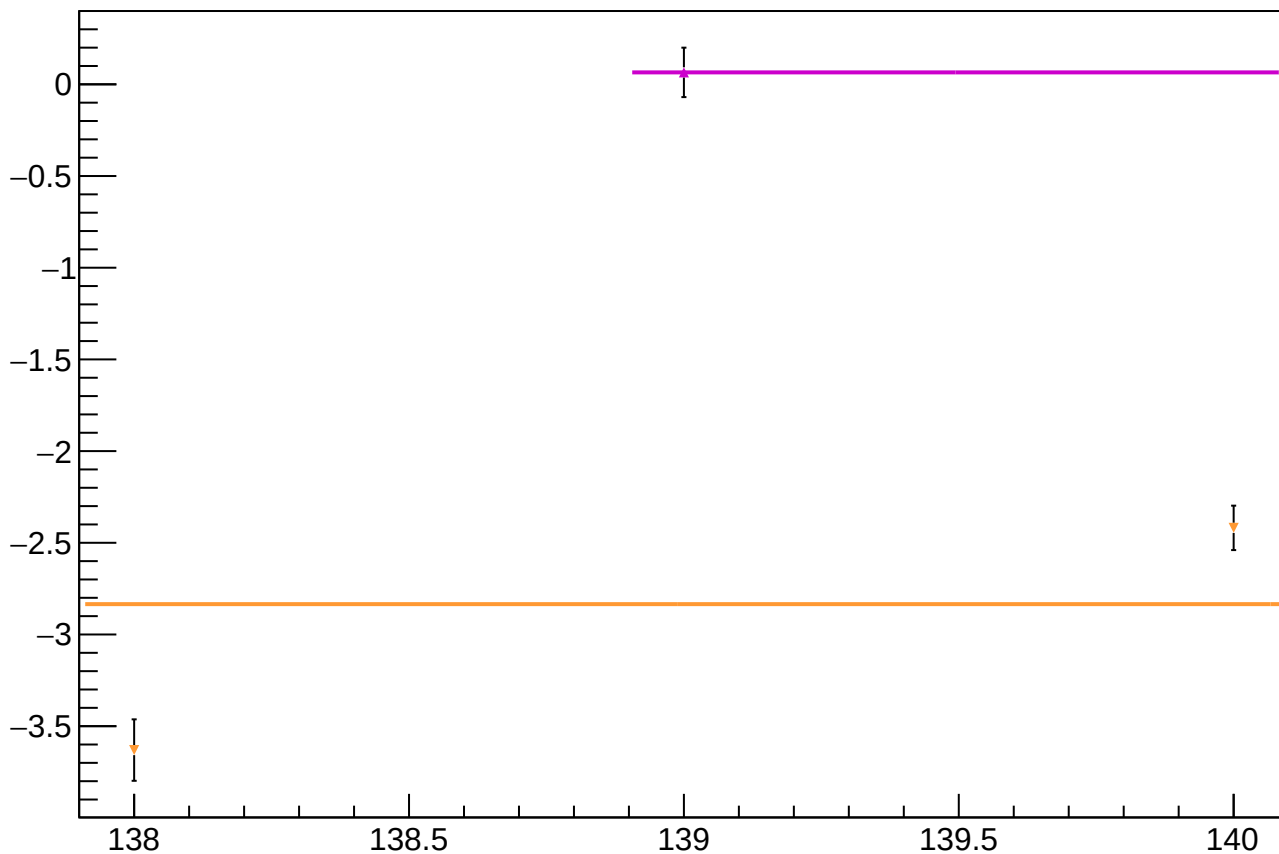
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.239+/-0.015 χ^2/NDF : 0.0/0

Out: -0.263+/-0.012 χ^2/NDF : 5.6/1

All: -0.254+/-0.010 χ^2/NDF : 7.2/2

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -2.835+/-0.098 χ^2/NDF : 34.4/1

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

Left In: 0.065+/-0.135 χ^2/NDF : 0.0/0

Left: -1.830+/-0.079 χ^2/NDF : 336.8/2

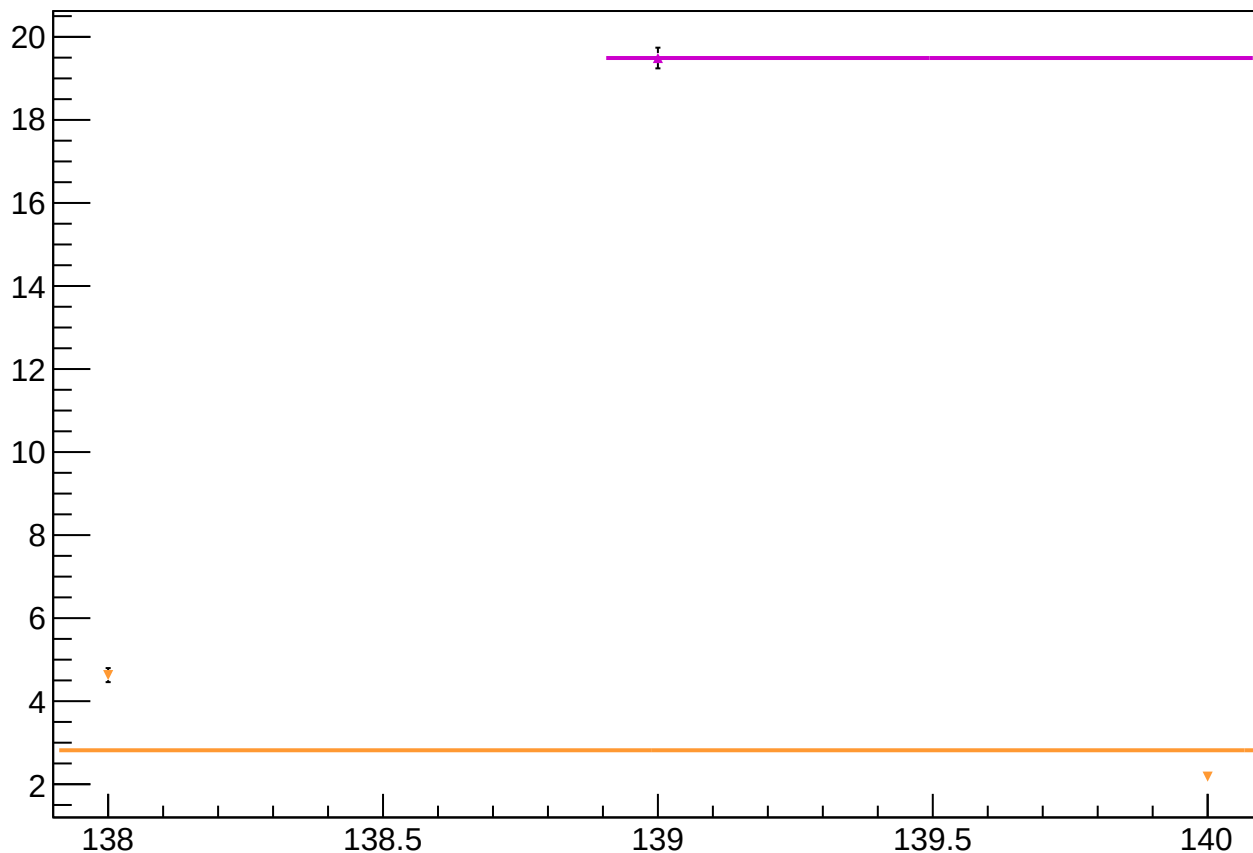
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.065+/-0.135 χ^2/NDF : 0.0/0

Out: -2.835+/-0.098 χ^2/NDF : 34.4/1

All: -1.830+/-0.079 χ^2/NDF : 336.8/2

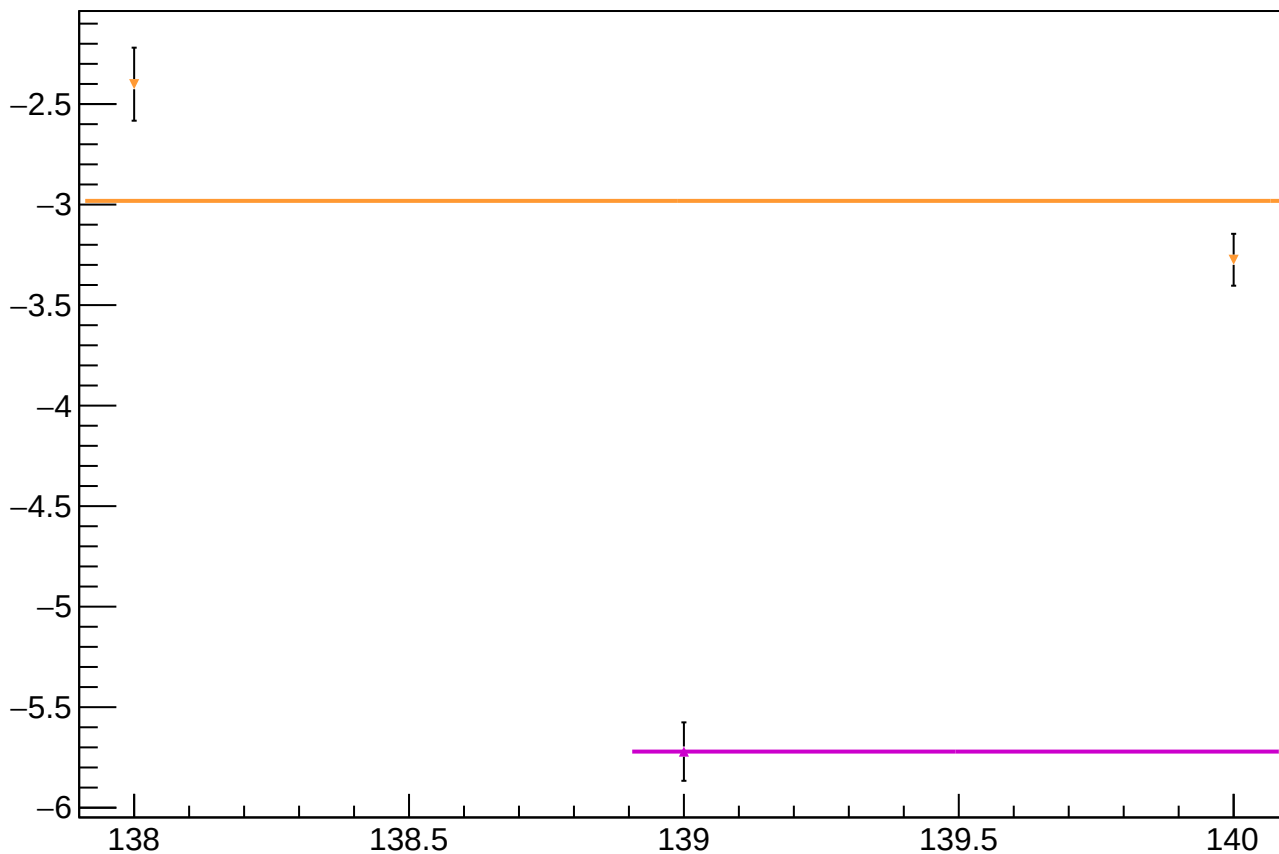
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.817+/-0.086 χ^2 /NDF:154.8/1
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 19.491+/-0.249 χ^2 /NDF:0.0/0

Left: 4.599+/-0.081 χ^2 /NDF: 4153.4/2
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 19.491+/-0.249 χ^2 /NDF:0.0/0
 Out: 2.817+/-0.086 χ^2 /NDF:154.8/1
 All: 4.599+/-0.081 χ^2 /NDF: 4153.4/2

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -2.982 $\pm$ 0.105 χ^2/NDF : 15.4/1

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

Left In: -5.721 $\pm$ 0.145 χ^2/NDF : 0.0/0

Left: -3.923 $\pm$ 0.085 χ^2/NDF : 248.5/2

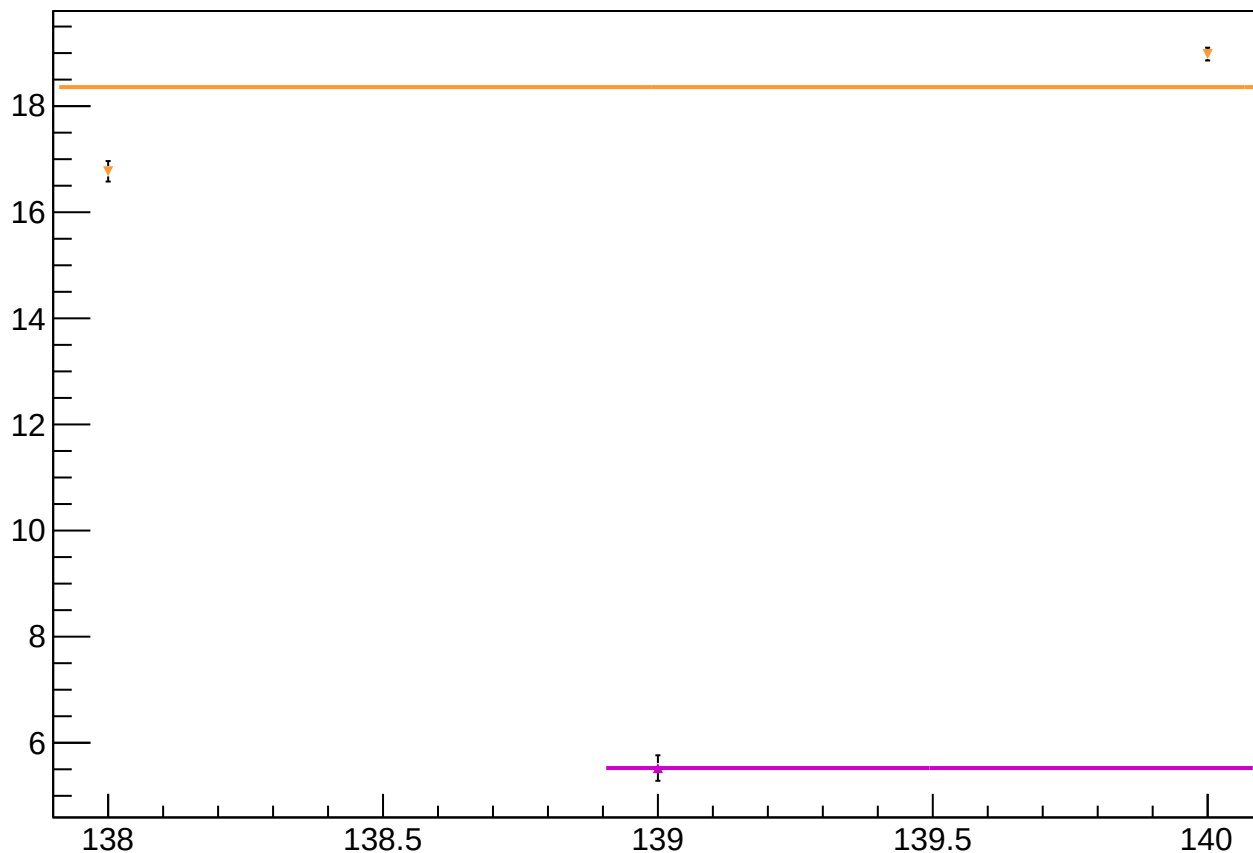
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -5.721 $\pm$ 0.145 χ^2/NDF : 0.0/0

Out: -2.982 $\pm$ 0.105 χ^2/NDF : 15.4/1

All: -3.923 $\pm$ 0.085 χ^2/NDF : 248.5/2

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 18.359+/-0.102 χ^2/NDF :94.0/1

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

Left In: 5.524+/-0.240 χ^2/NDF :0.0/0

Left: 16.386+/-0.094 χ^2/NDF : 2505.2/2

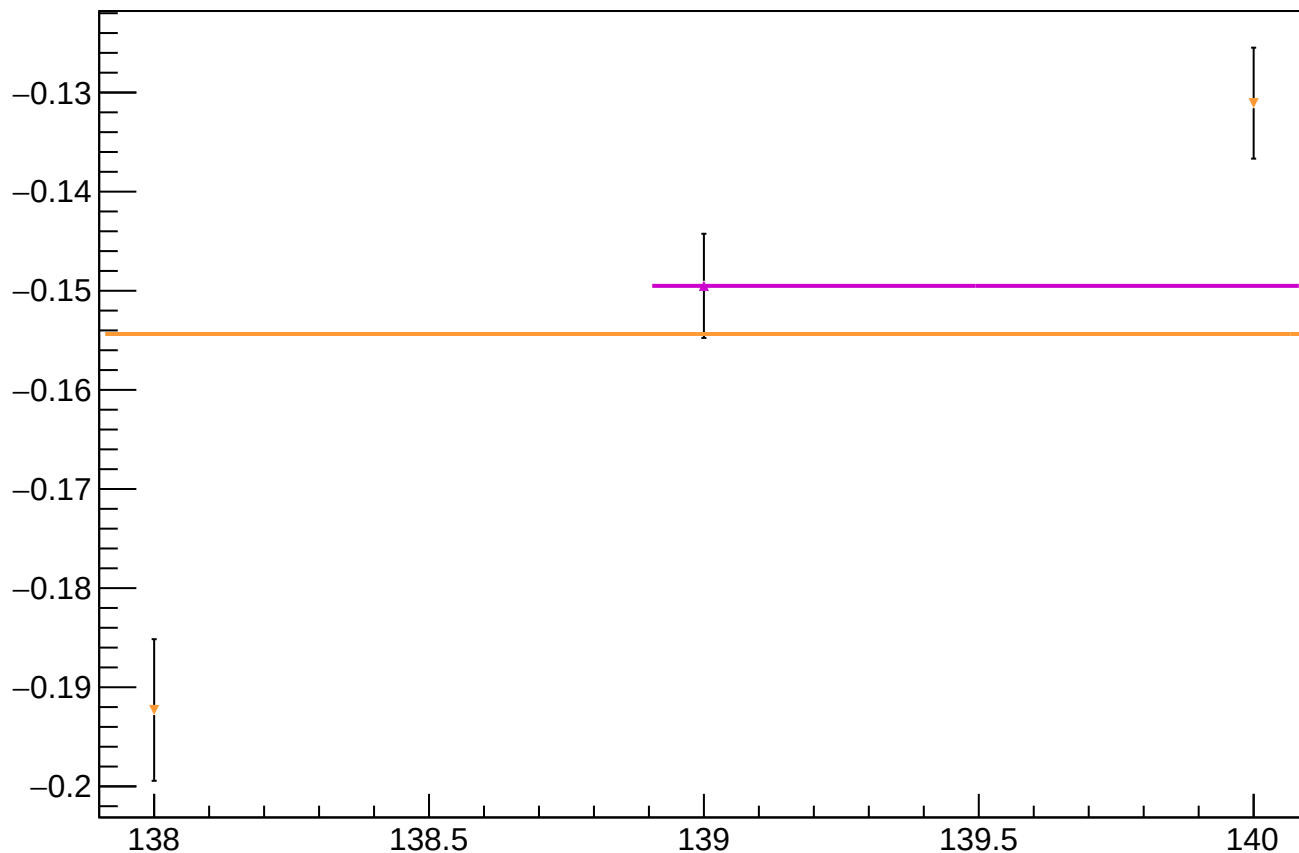
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.524+/-0.240 χ^2/NDF :0.0/0

Out: 18.359+/-0.102 χ^2/NDF :94.0/1

All: 16.386+/-0.094 χ^2/NDF : 2505.2/2

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.154 ± 0.004 χ^2/NDF : 45.5/1

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

Left In: -0.150 ± 0.005 χ^2/NDF : 0.0/0

Left: -0.152 ± 0.003 χ^2/NDF : 46.0/2

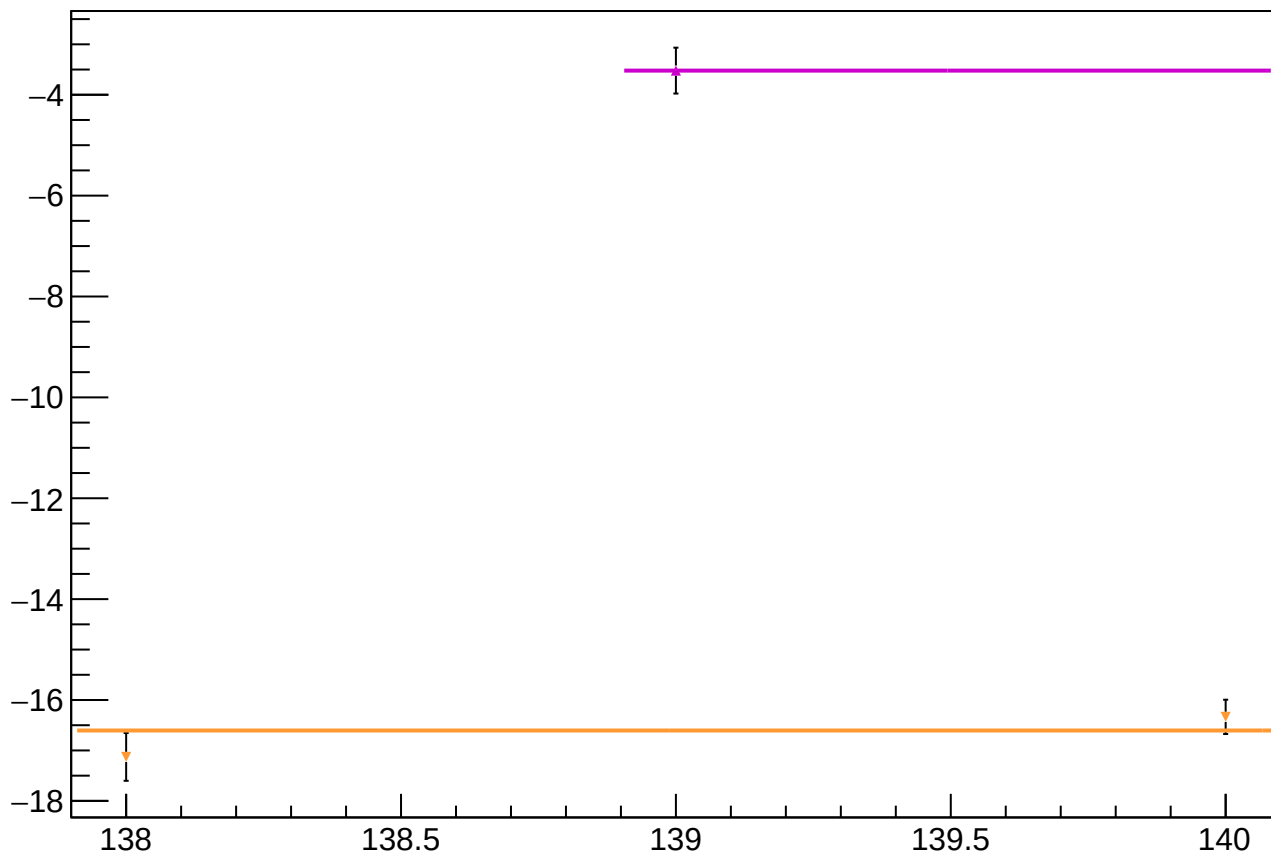
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.150 ± 0.005 χ^2/NDF : 0.0/0

Out: -0.154 ± 0.004 χ^2/NDF : 45.5/1

All: -0.152 ± 0.003 χ^2/NDF : 46.0/2

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.605+/-0.276 χ^2/NDF : 1.9/1

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

Left In: -3.521+/-0.455 χ^2/NDF : 0.0/0

Left: -13.079+/-0.236 χ^2/NDF : 606.4/2

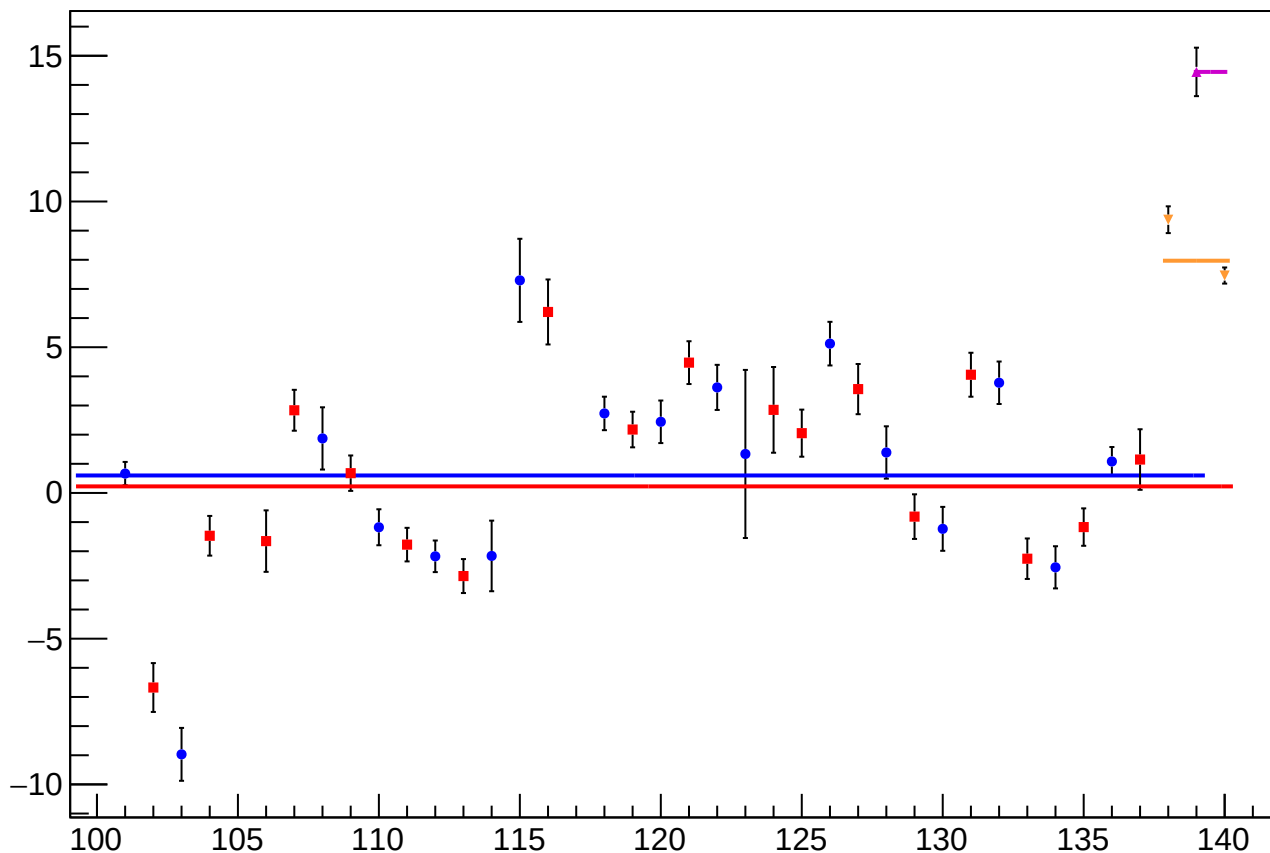
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.521+/-0.455 χ^2/NDF : 0.0/0

Out: -16.605+/-0.276 χ^2/NDF : 1.9/1

All: -13.079+/-0.236 χ^2/NDF : 606.4/2

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600+/-0.169 χ^2/NDF : 291.9/16

Left Out: 7.968+/-0.237 χ^2/NDF :12.8/1

Right Out: 0.225+/-0.175 χ^2/NDF : 273.2/17

Left In: 14.446+/-0.832 χ^2/NDF :0.0/0

Left: 8.454+/-0.228 χ^2/NDF : 68.9/2

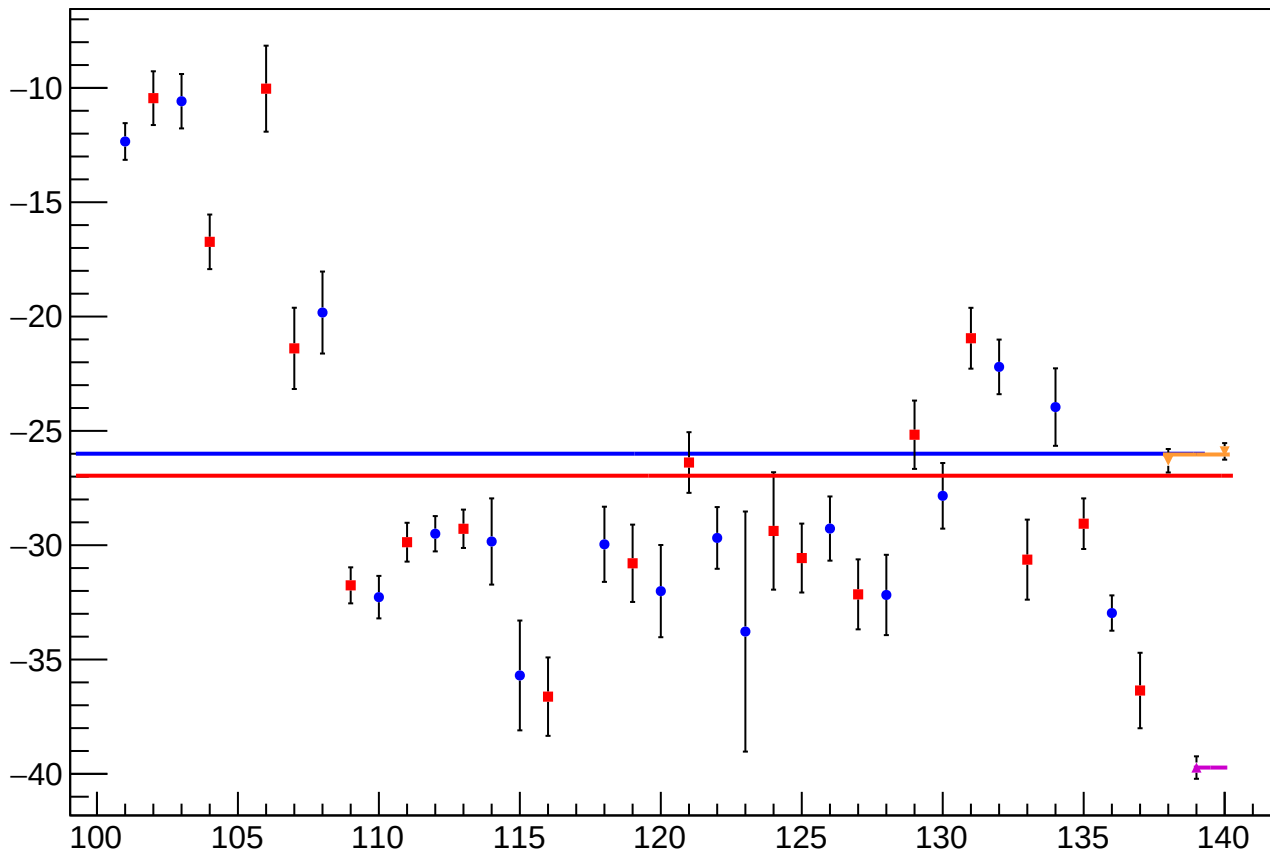
Right: 0.418+/-0.122 χ^2/NDF : 567.5/34

In: 1.151+/-0.166 χ^2/NDF :558.2/17

Out: 2.956+/-0.141 χ^2/NDF :978.4/19

All: 2.201+/-0.107 χ^2/NDF : 1605.5/37

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -26.033 ± 0.296 χ^2/NDF : 0.4/1

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -39.725 ± 0.491 χ^2/NDF : 0.0/0

Left: -29.676 ± 0.253 χ^2/NDF : 570.4/2

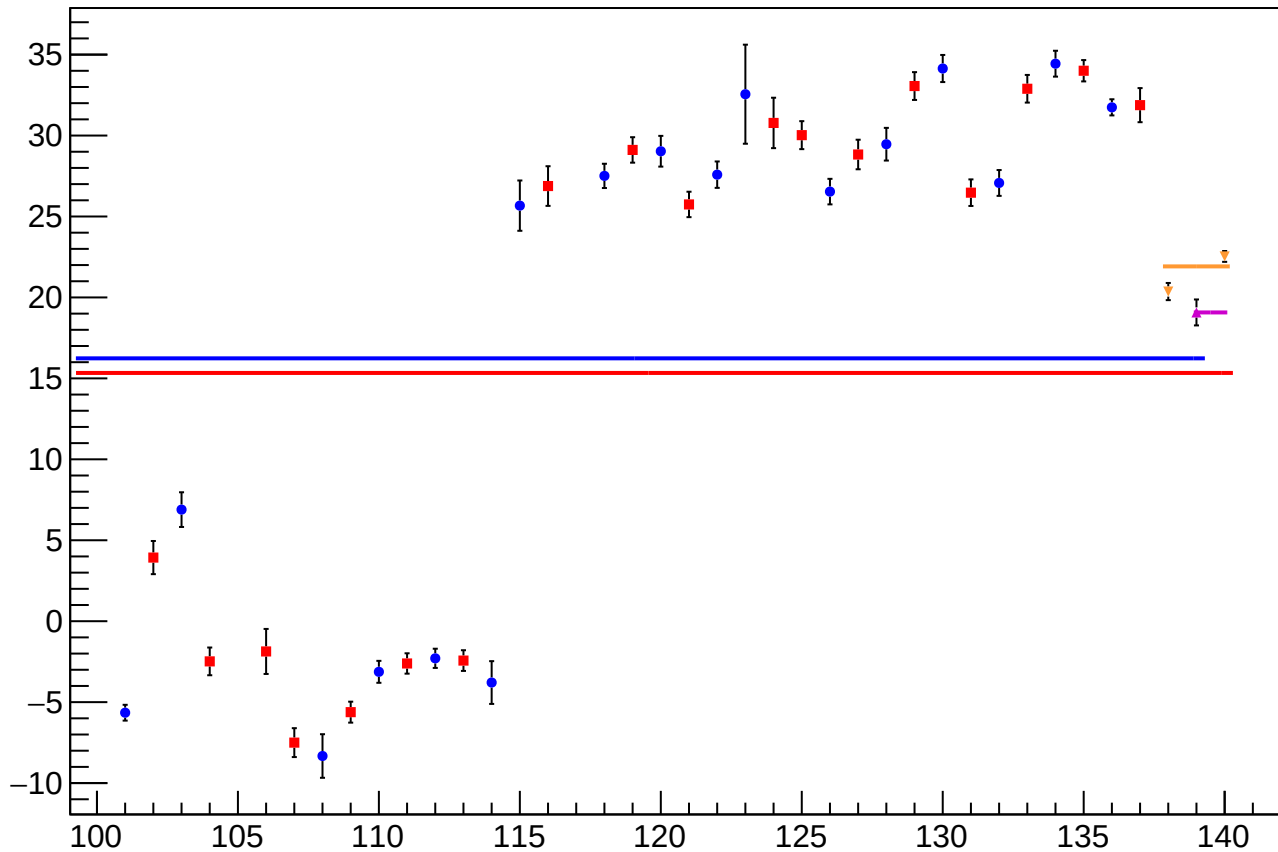
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.728 ± 0.256 χ^2/NDF : 1261.1/17

Out: -26.493 ± 0.210 χ^2/NDF : 540.7/19

All: -27.794 ± 0.162 χ^2/NDF : 1897.1/37

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 21.917 $\pm$ 0.283 χ^2 /NDF:12.0/1

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 19.073 $\pm$ 0.802 χ^2 /NDF:0.0/0

Left: 21.603 $\pm$ 0.267 χ^2 /NDF: 23.2/2

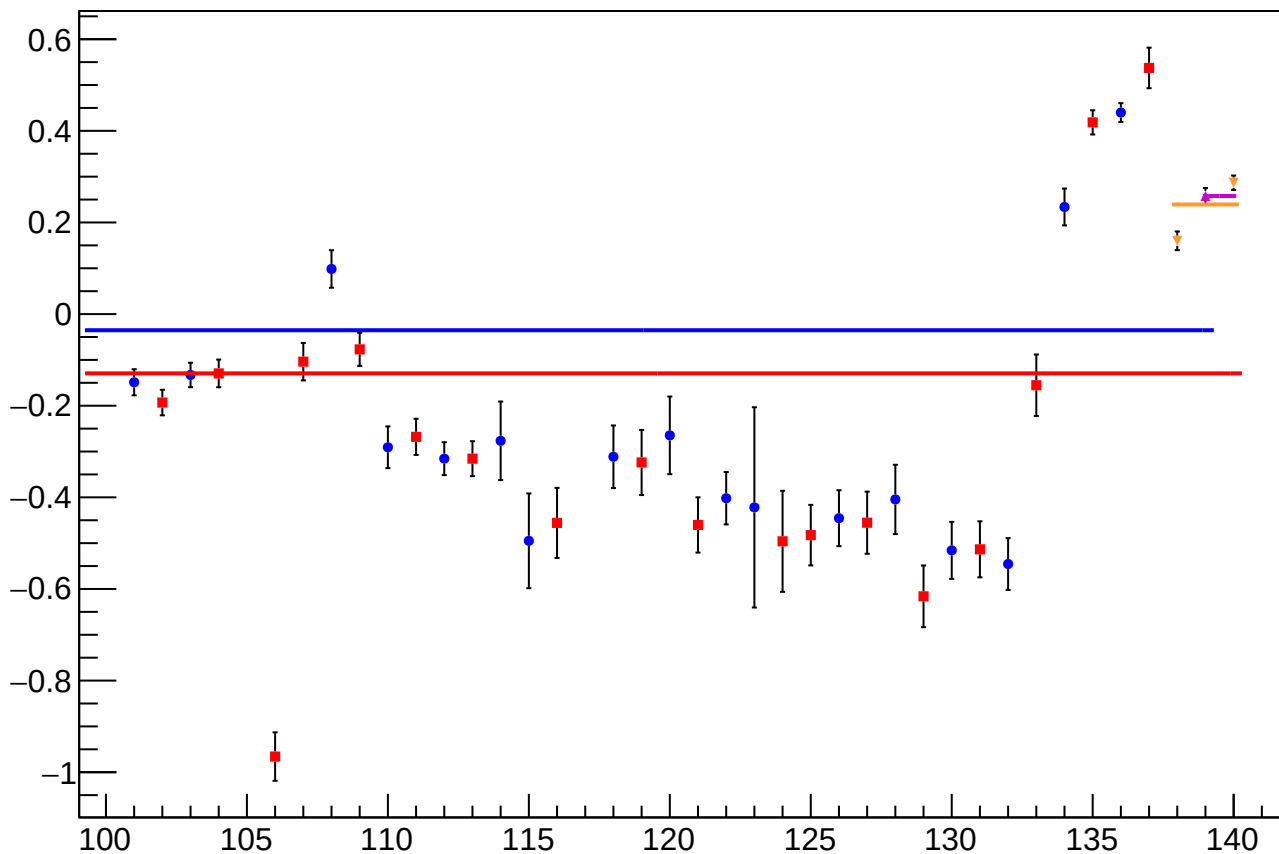
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 16.390 $\pm$ 0.186 χ^2 /NDF:7591.8/17

Out: 17.490 $\pm$ 0.162 χ^2 /NDF:7636.6/19

All: 17.017 $\pm$ 0.122 χ^2 /NDF: 15248.2/37

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.239 ± 0.012 χ^2/NDF : 24.3/1

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.258 ± 0.018 χ^2/NDF : 0.0/0

Left: 0.245 ± 0.010 χ^2/NDF : 25.0/2

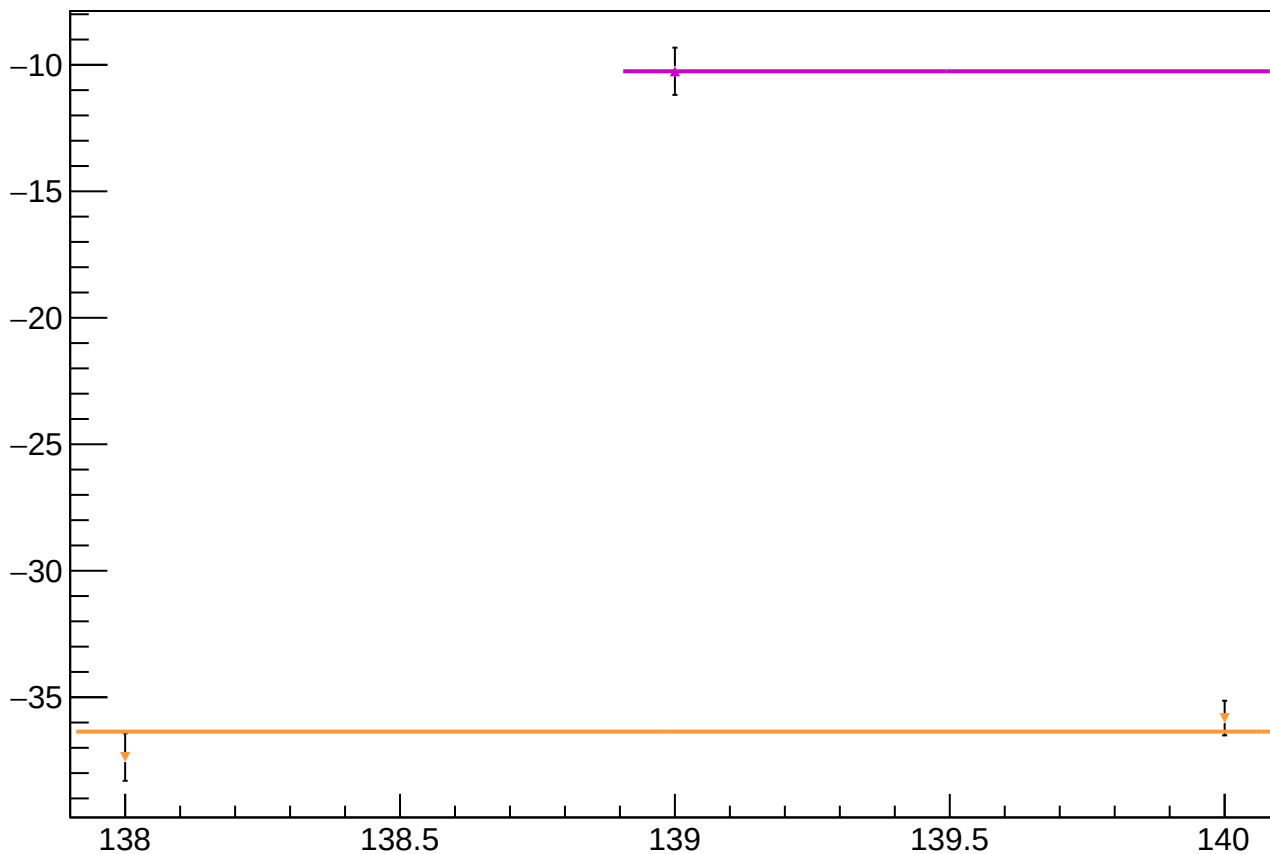
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.040 ± 0.009 χ^2/NDF : 1220.9/17

Out: 0.022 ± 0.008 χ^2/NDF : 1702.7/19

All: 0.030 ± 0.006 χ^2/NDF : 2925.9/37

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -36.358+/-0.553 χ^2/NDF : 1.8/1

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

Left In: -10.254+/-0.933 χ^2/NDF : 0.0/0

Left: -29.566+/-0.476 χ^2/NDF : 580.7/2

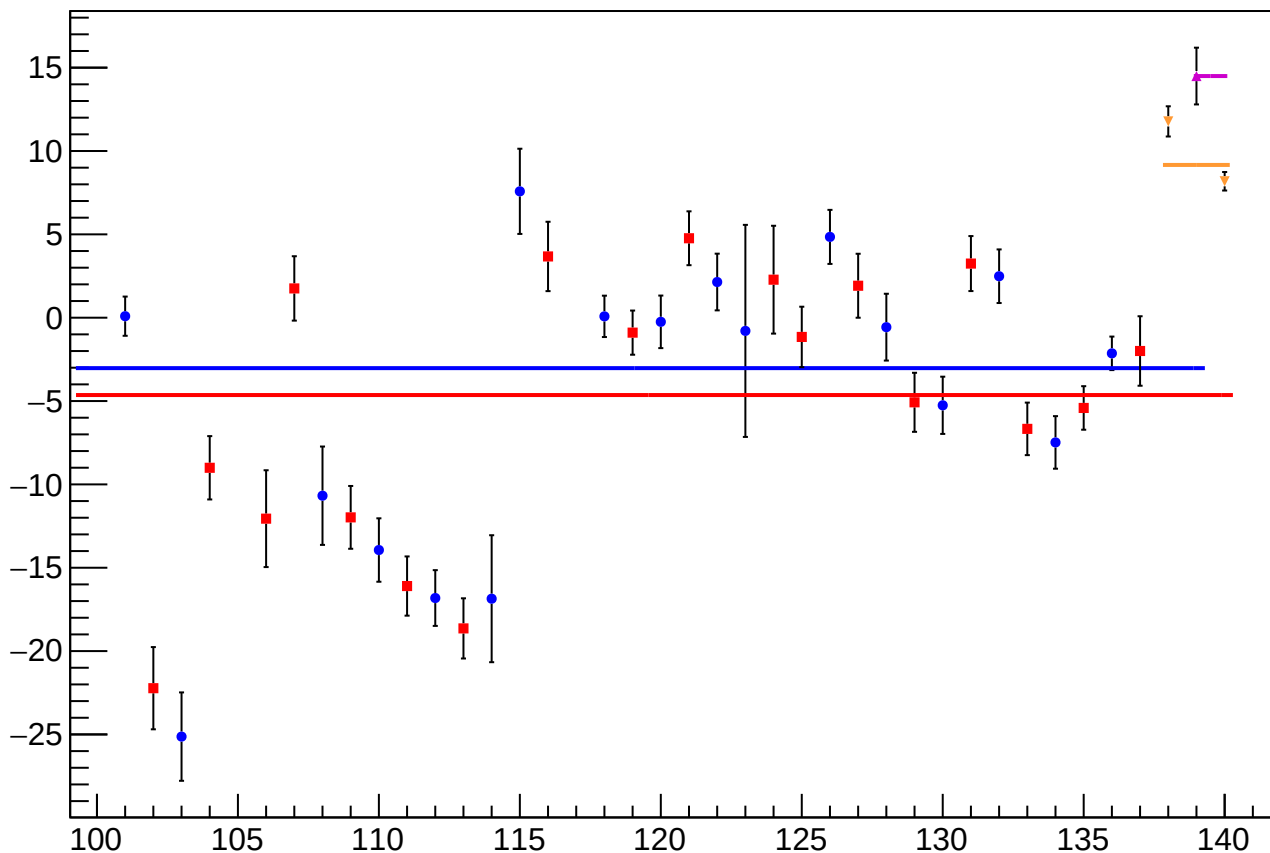
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.254+/-0.933 χ^2/NDF : 0.0/0

Out: -36.358+/-0.553 χ^2/NDF : 1.8/1

All: -29.566+/-0.476 χ^2/NDF : 580.7/2

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 9.164 ± 0.473 χ^2/NDF : 11.4/1

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 14.497 ± 1.703 χ^2/NDF : 0.0/0

Left: 9.547 ± 0.456 χ^2/NDF : 20.5/2

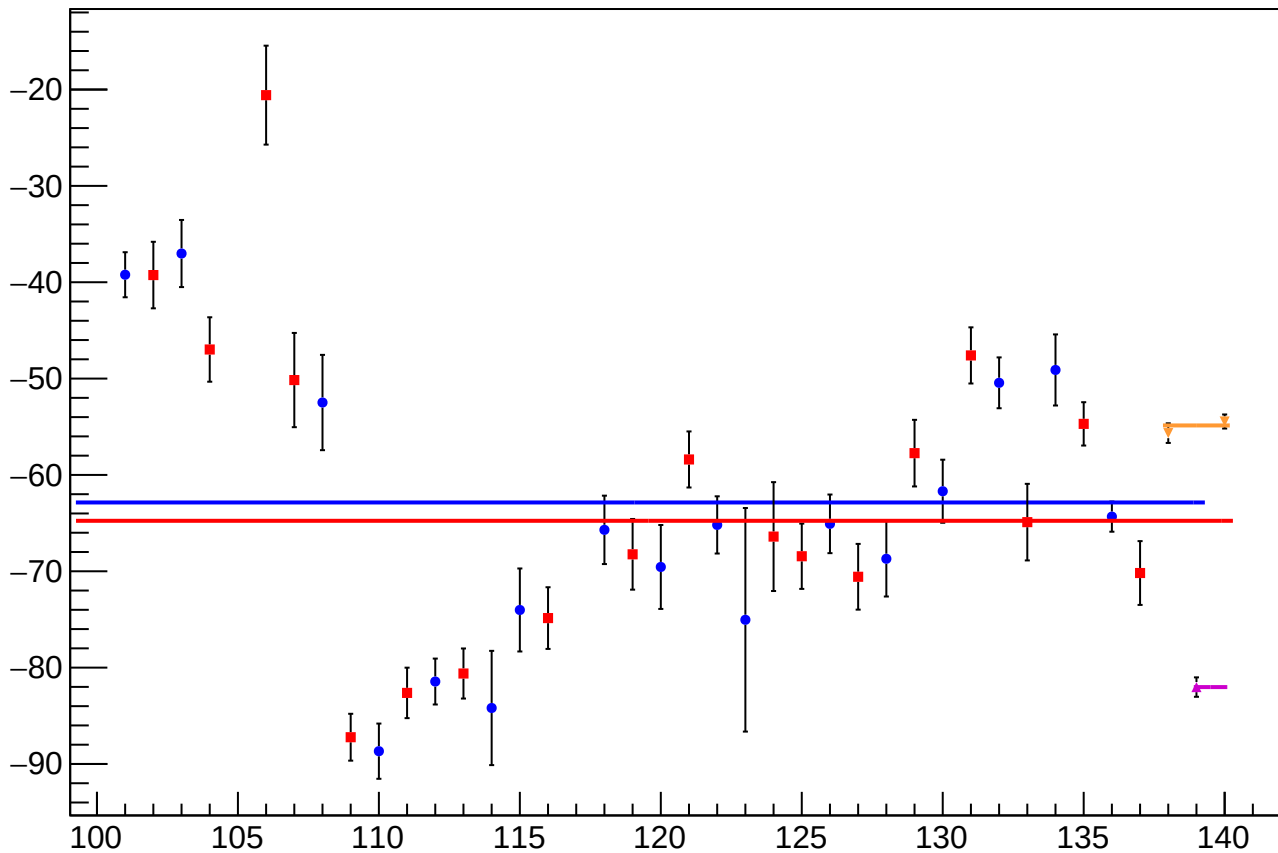
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.074 ± 0.397 χ^2/NDF : 380.8/17

Out: 1.545 ± 0.317 χ^2/NDF : 775.4/19

All: 0.135 ± 0.248 χ^2/NDF : 1207.0/37

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -54.864 $\pm$ 0.593 χ^2 /NDF: 0.9/1

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -82.020 $\pm$ 1.008 χ^2 /NDF: 0.0/0

Left: -61.838 $\pm$ 0.511 χ^2 /NDF: 539.8/2

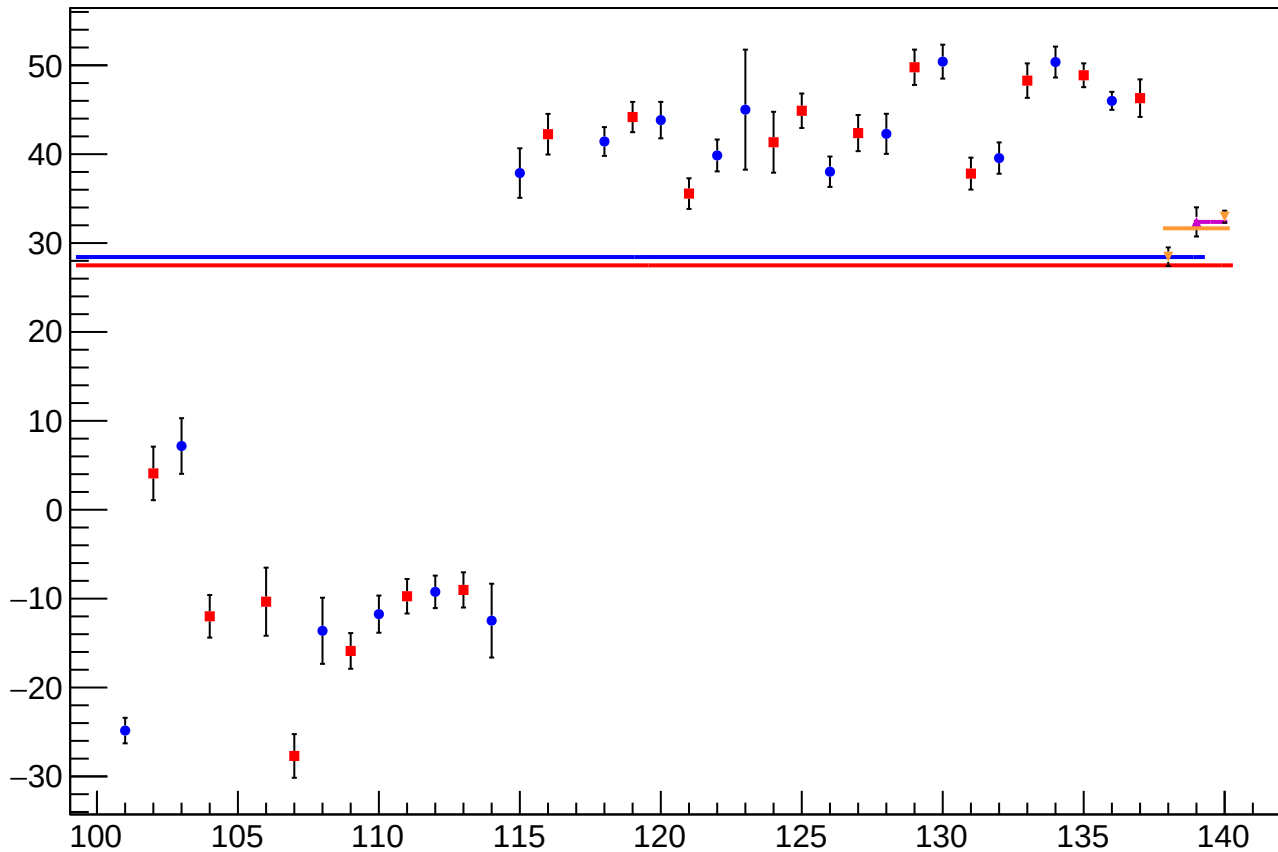
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -69.553 $\pm$ 0.596 χ^2 /NDF: 602.6/17

Out: -58.651 $\pm$ 0.466 χ^2 /NDF: 523.7/19

All: -62.784 $\pm$ 0.367 χ^2 /NDF: 1334.0/37

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 31.657 $\pm$ 0.565 χ^2 /NDF:13.1/1

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 32.380 $\pm$ 1.641 χ^2 /NDF:0.0/0

Left: 31.734 $\pm$ 0.535 χ^2 /NDF: 13.3/2

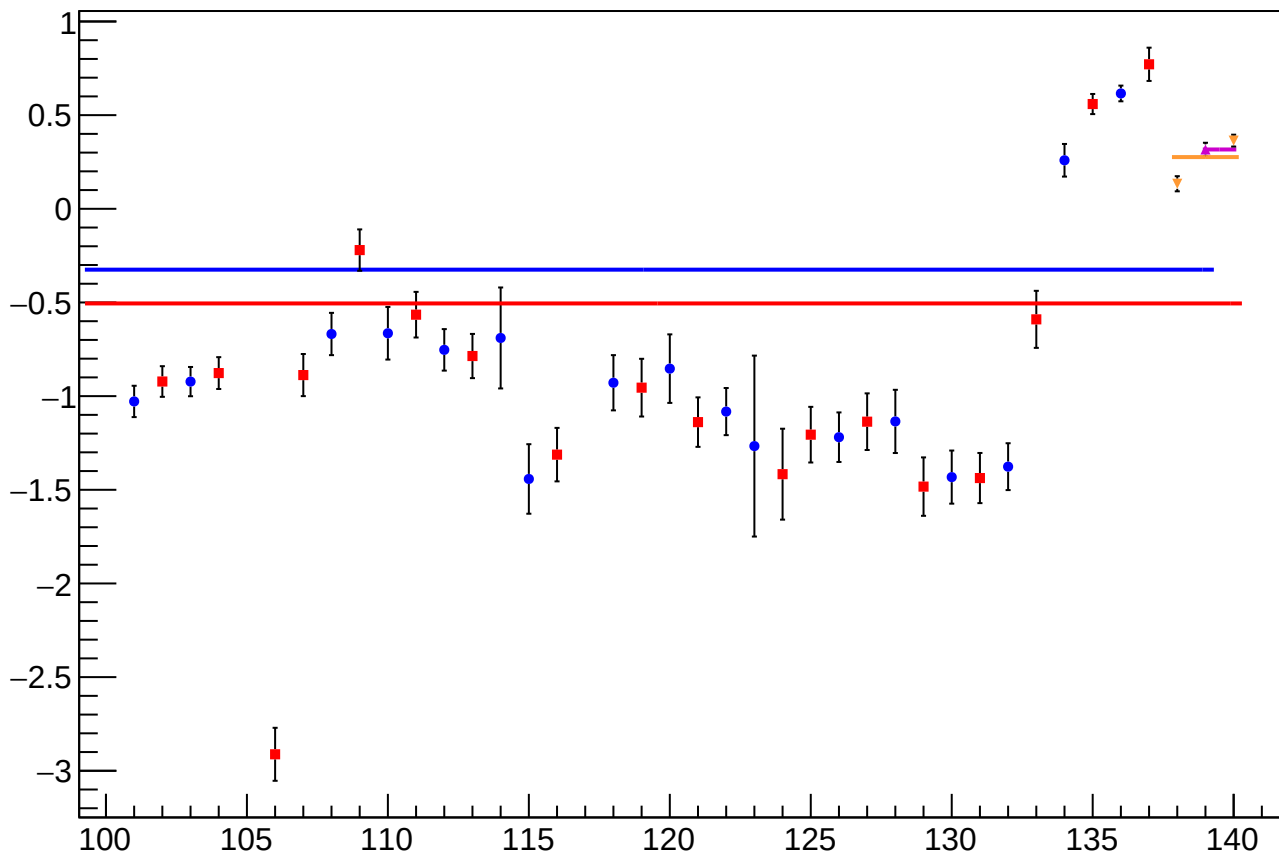
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 28.712 $\pm$ 0.441 χ^2 /NDF:3327.8/17

Out: 29.231 $\pm$ 0.365 χ^2 /NDF:3072.4/19

All: 29.020 $\pm$ 0.281 χ^2 /NDF: 6401.1/37

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.276 ± 0.025 χ^2/NDF : 20.1/1

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.317 ± 0.036 χ^2/NDF : 0.0/0

Left: 0.289 ± 0.021 χ^2/NDF : 20.9/2

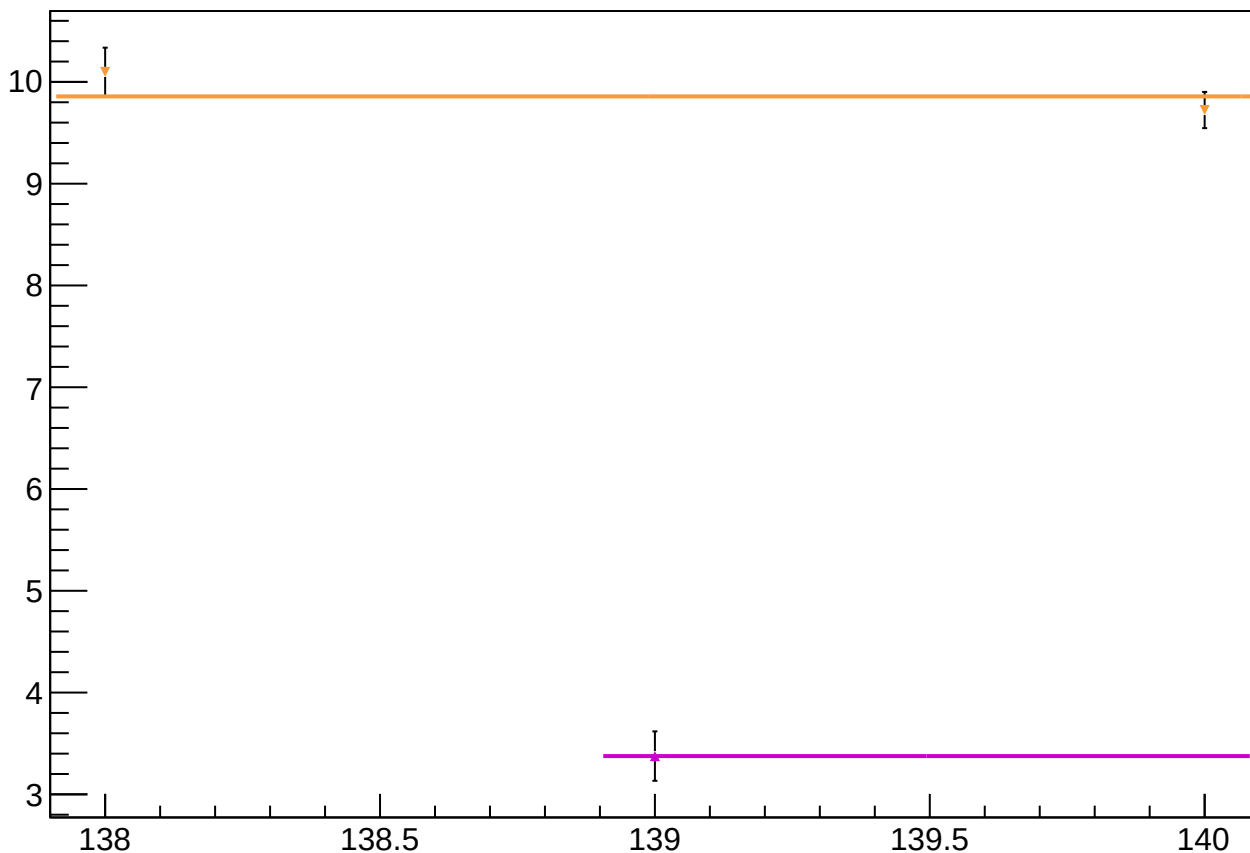
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: -0.116 ± 0.020 χ^2/NDF : 1227.2/17

Out: -0.102 ± 0.018 χ^2/NDF : 1657.4/19

All: -0.108 ± 0.013 χ^2/NDF : 2884.9/37

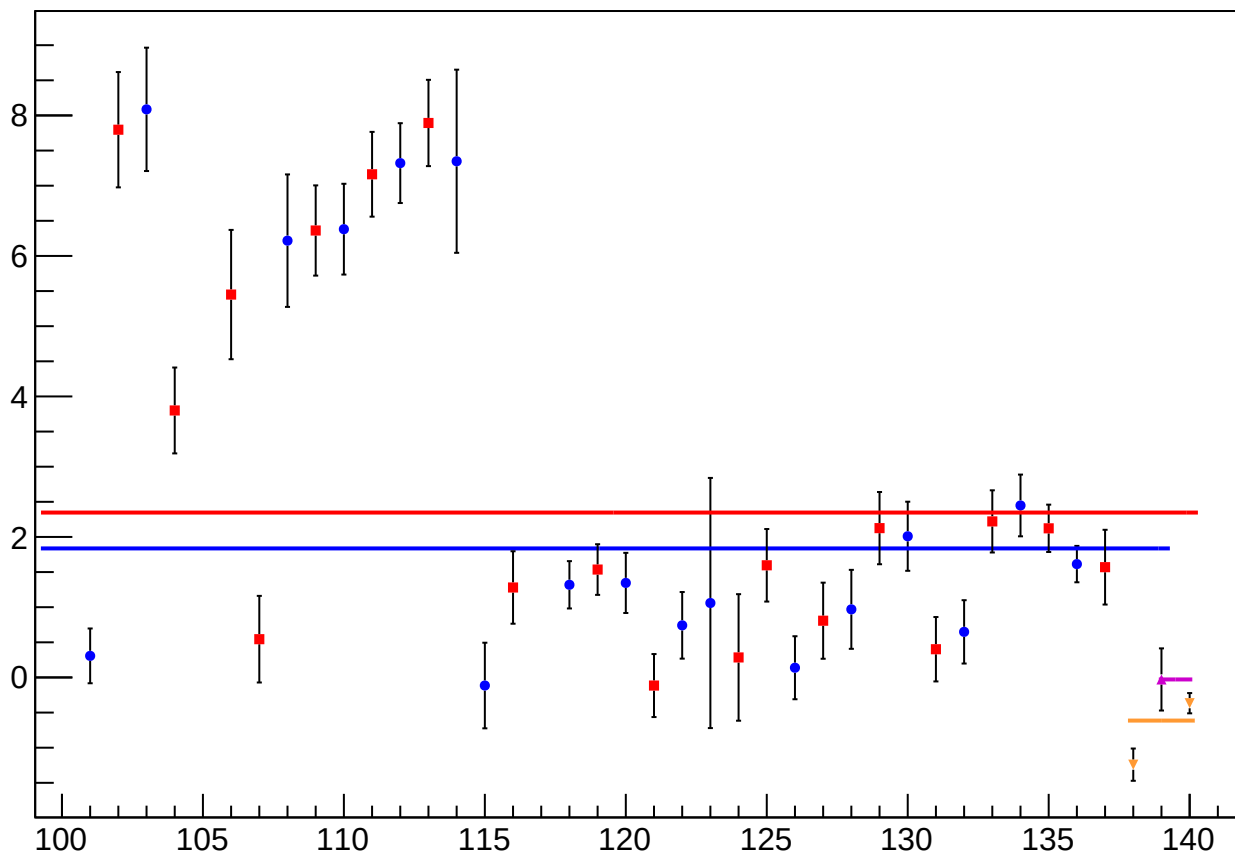
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 9.858 $\pm$ 0.143 χ^2/NDF :1.6/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 3.376 $\pm$ 0.243 χ^2/NDF :0.0/0

Left: 8.195 $\pm$ 0.123 χ^2/NDF : 531.3/2
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.376 $\pm$ 0.243 χ^2/NDF :0.0/0
 Out: 9.858 $\pm$ 0.143 χ^2/NDF :1.6/1
 All: 8.195 $\pm$ 0.123 χ^2/NDF : 531.3/2

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: -0.614 ± 0.122 χ^2/NDF : 10.4/1

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: -0.028 ± 0.442 χ^2/NDF : 0.0/0

Left: -0.572 ± 0.118 χ^2/NDF : 12.0/2

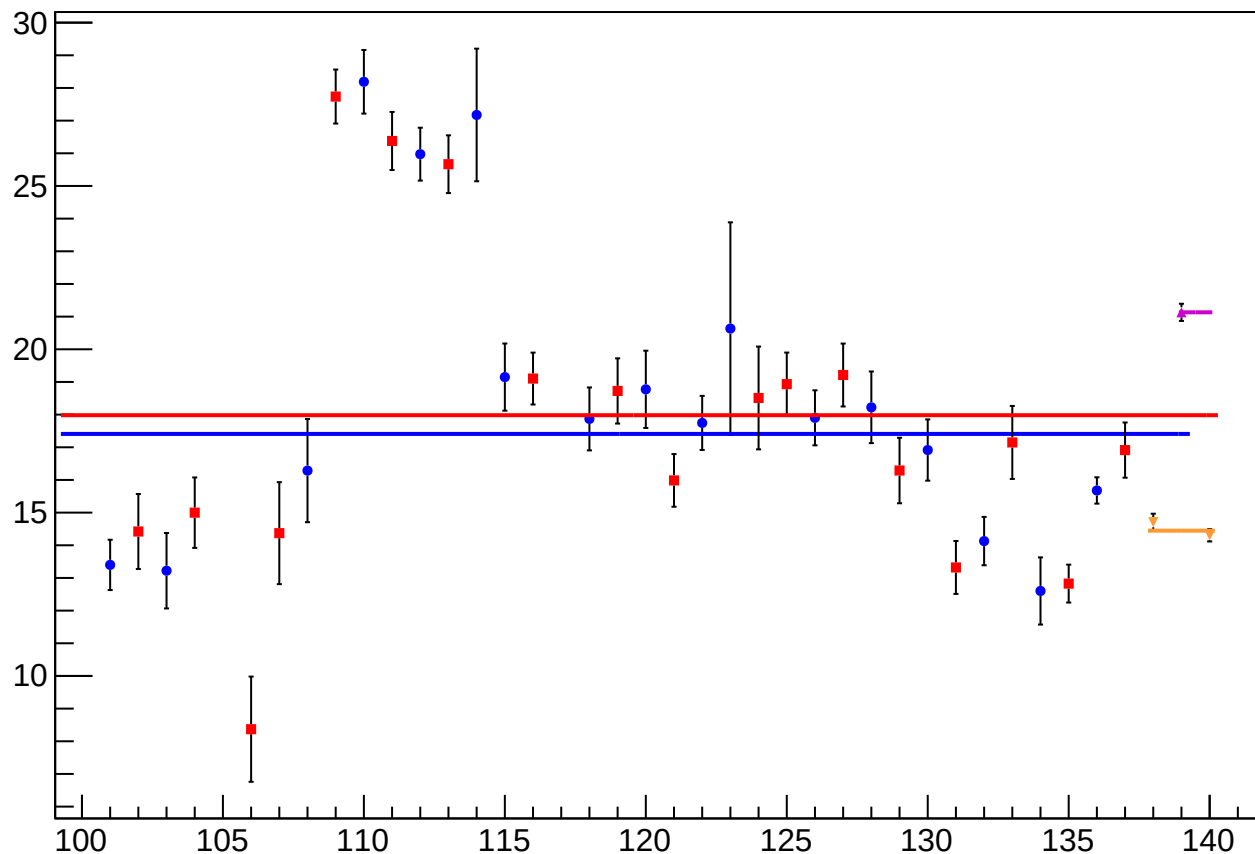
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.716 ± 0.112 χ^2/NDF : 310.7/17

Out: 0.862 ± 0.087 χ^2/NDF : 633.1/19

All: 1.180 ± 0.069 χ^2/NDF : 980.1/37

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 14.447 $\pm$ 0.153 χ^2 /NDF:1.6/1

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 21.131 $\pm$ 0.263 χ^2 /NDF:0.0/0

Left: 16.138 $\pm$ 0.132 χ^2 /NDF: 485.8/2

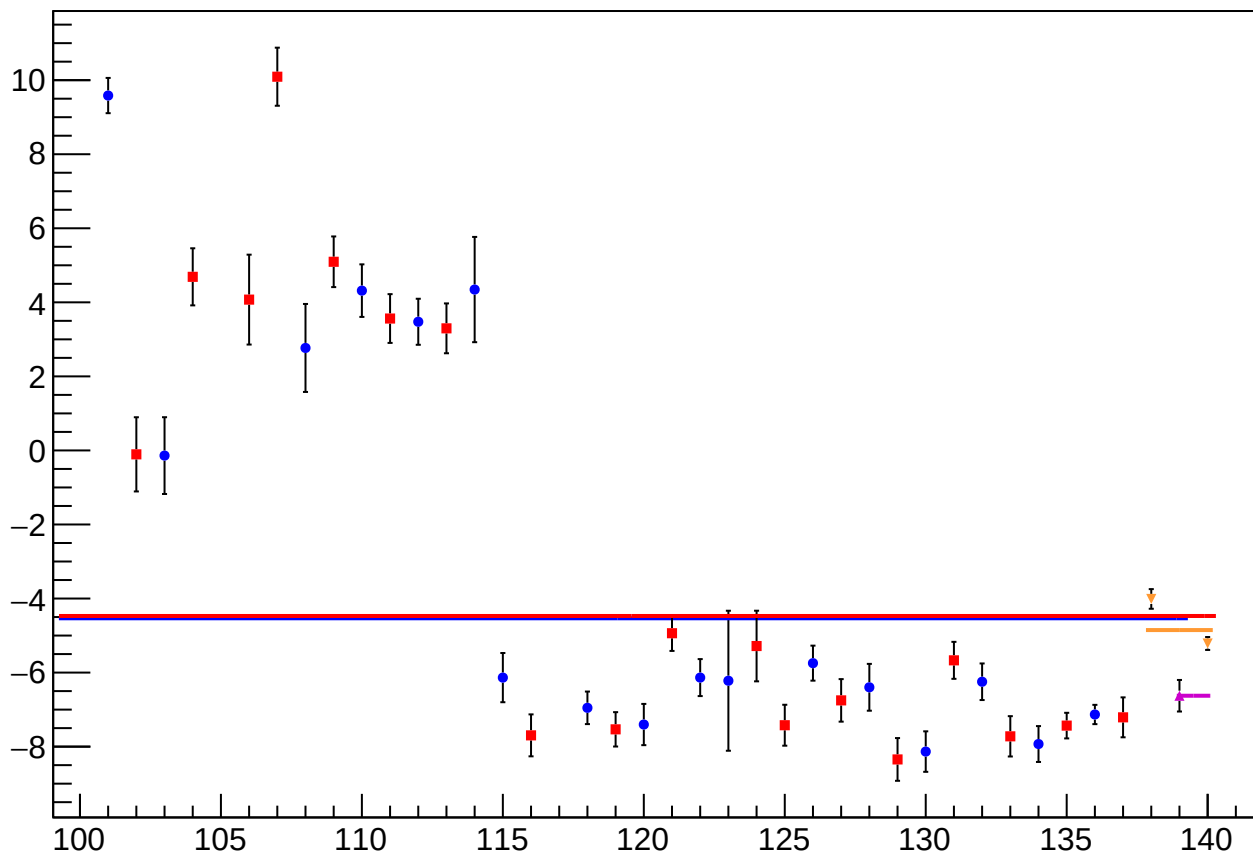
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 18.878 $\pm$ 0.165 χ^2 /NDF:486.8/17

Out: 15.602 $\pm$ 0.125 χ^2 /NDF:667.2/19

All: 16.802 $\pm$ 0.100 χ^2 /NDF: 1404.0/37

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -4.852 ± 0.146 χ^2/NDF : 14.3/1

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.625 ± 0.426 χ^2/NDF : 0.0/0

Left: -5.038 ± 0.138 χ^2/NDF : 29.8/2

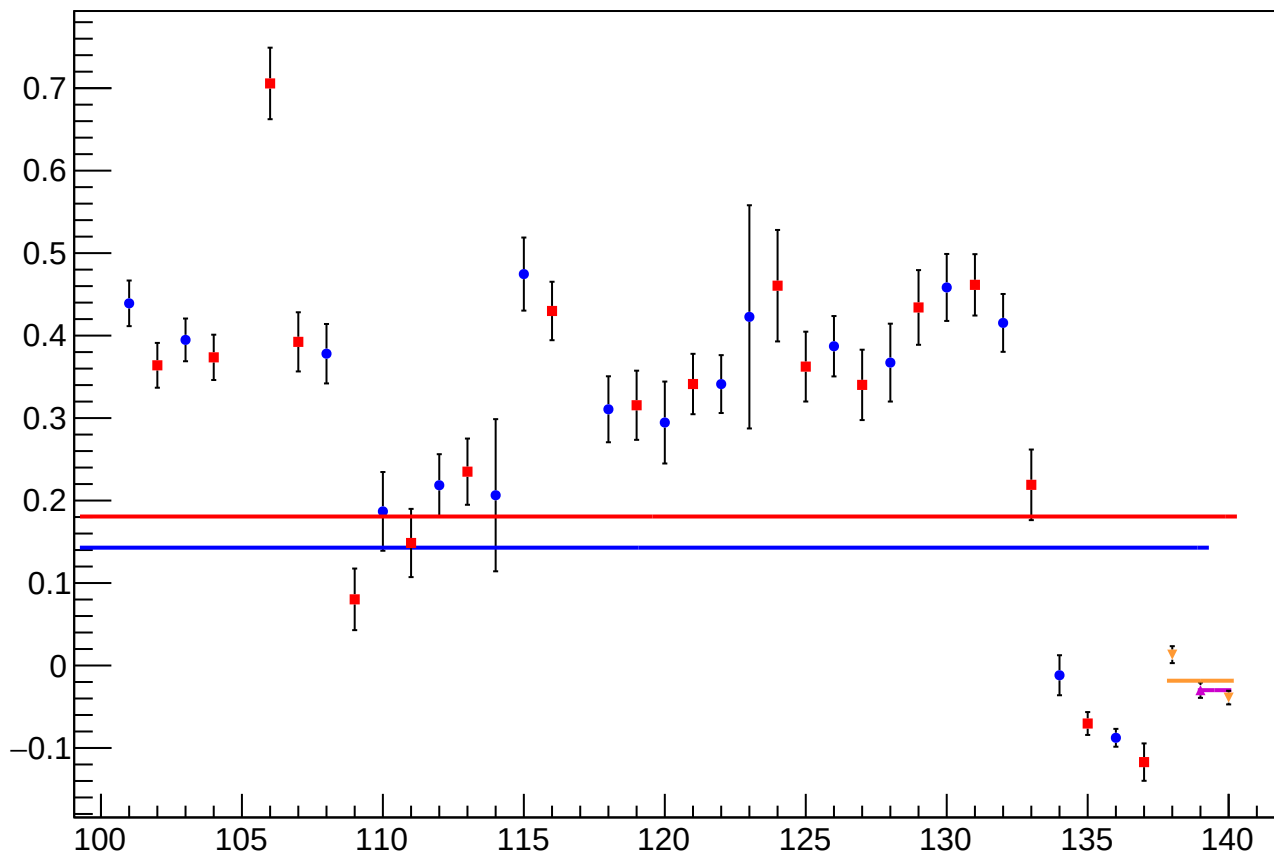
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -4.711 ± 0.124 χ^2/NDF : 1610.4/17

Out: -4.649 ± 0.100 χ^2/NDF : 1357.3/19

All: -4.673 ± 0.078 χ^2/NDF : 2967.9/37

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1058.9/16

Left Out: -0.018 ± 0.006 χ^2/NDF : 15.6/1

Right Out: 0.181 ± 0.007 χ^2/NDF : 1003.7/17

Left In: -0.030 ± 0.009 χ^2/NDF : 0.0/0

Left: -0.022 ± 0.005 χ^2/NDF : 16.6/2

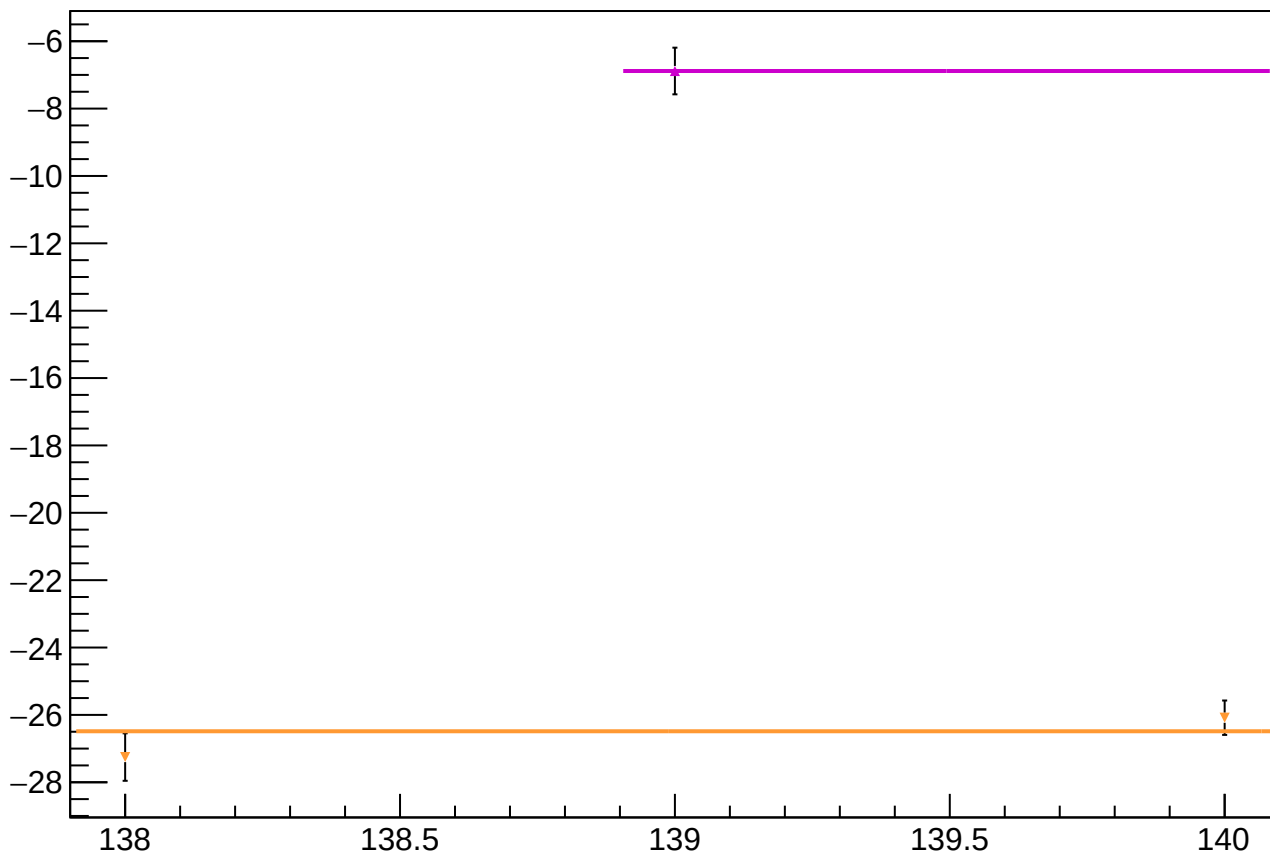
Right: 0.161 ± 0.005 χ^2/NDF : 2076.2/34

In: 0.080 ± 0.006 χ^2/NDF : 1277.1/17

Out: 0.067 ± 0.005 χ^2/NDF : 1431.0/19

All: 0.073 ± 0.004 χ^2/NDF : 2711.1/37

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -26.486+/-0.413 χ^2/NDF : 1.8/1

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

Left In: -6.884+/-0.693 χ^2/NDF : 0.0/0

Left: -21.337+/-0.355 χ^2/NDF : 592.2/2

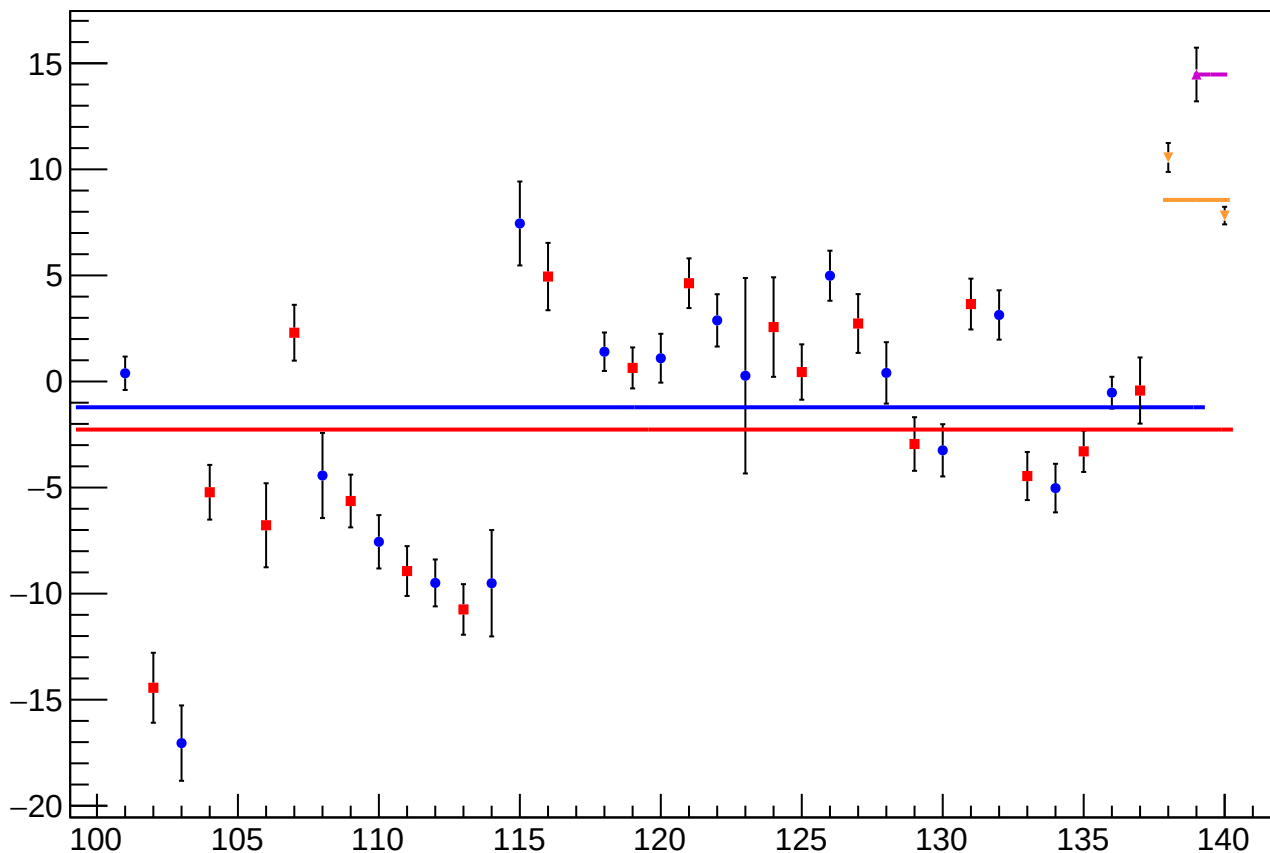
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.884+/-0.693 χ^2/NDF : 0.0/0

Out: -26.486+/-0.413 χ^2/NDF : 1.8/1

All: -21.337+/-0.355 χ^2/NDF : 592.2/2

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 8.559 ± 0.354 χ^2/NDF : 11.8/1

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 14.471 ± 1.265 χ^2/NDF : 0.0/0

Left: 8.988 ± 0.341 χ^2/NDF : 32.1/2

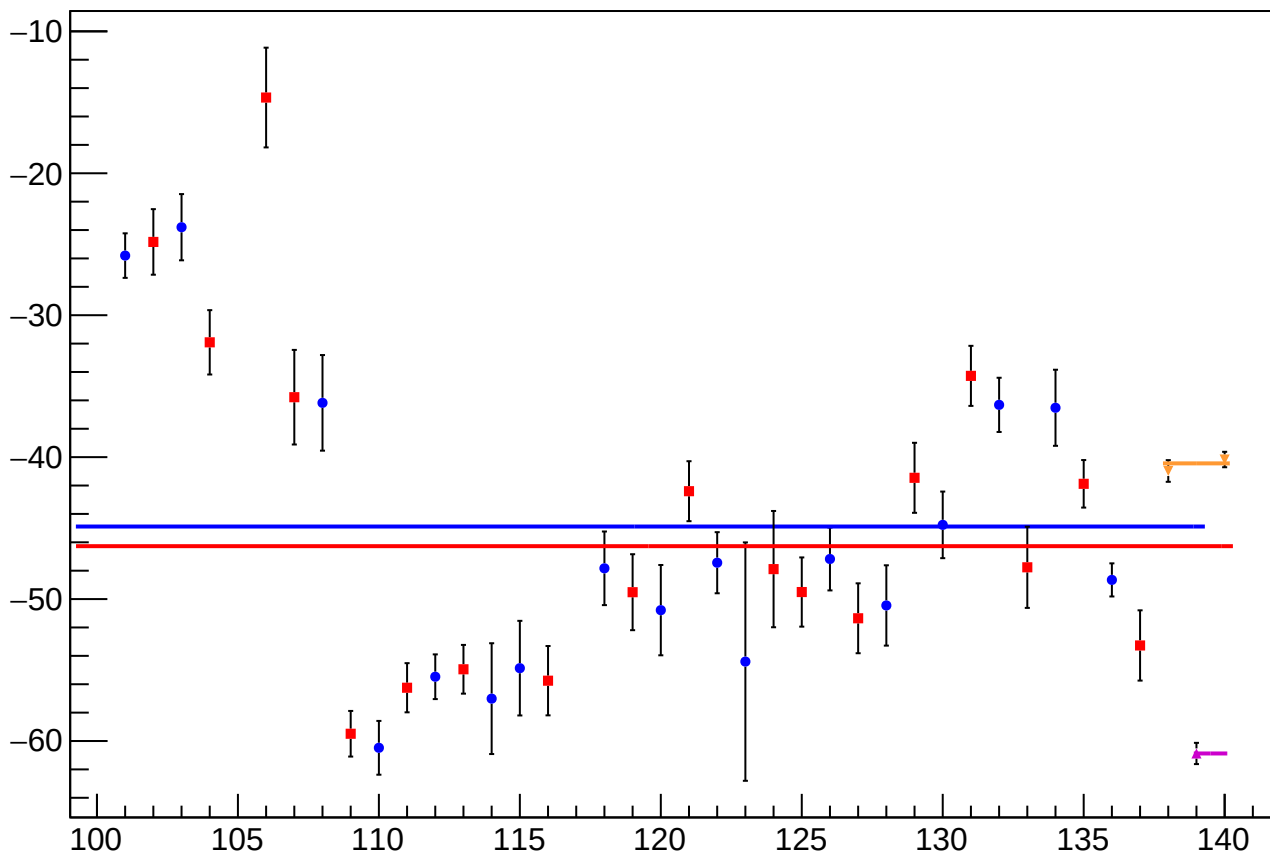
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.430 ± 0.283 χ^2/NDF : 424.8/17

Out: 2.304 ± 0.230 χ^2/NDF : 836.6/19

All: 1.217 ± 0.178 χ^2/NDF : 1317.6/37

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -40.439 ± 0.443 χ^2/NDF : 0.7/1

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -60.878 ± 0.749 χ^2/NDF : 0.0/0

Left: -45.739 ± 0.381 χ^2/NDF : 553.0/2

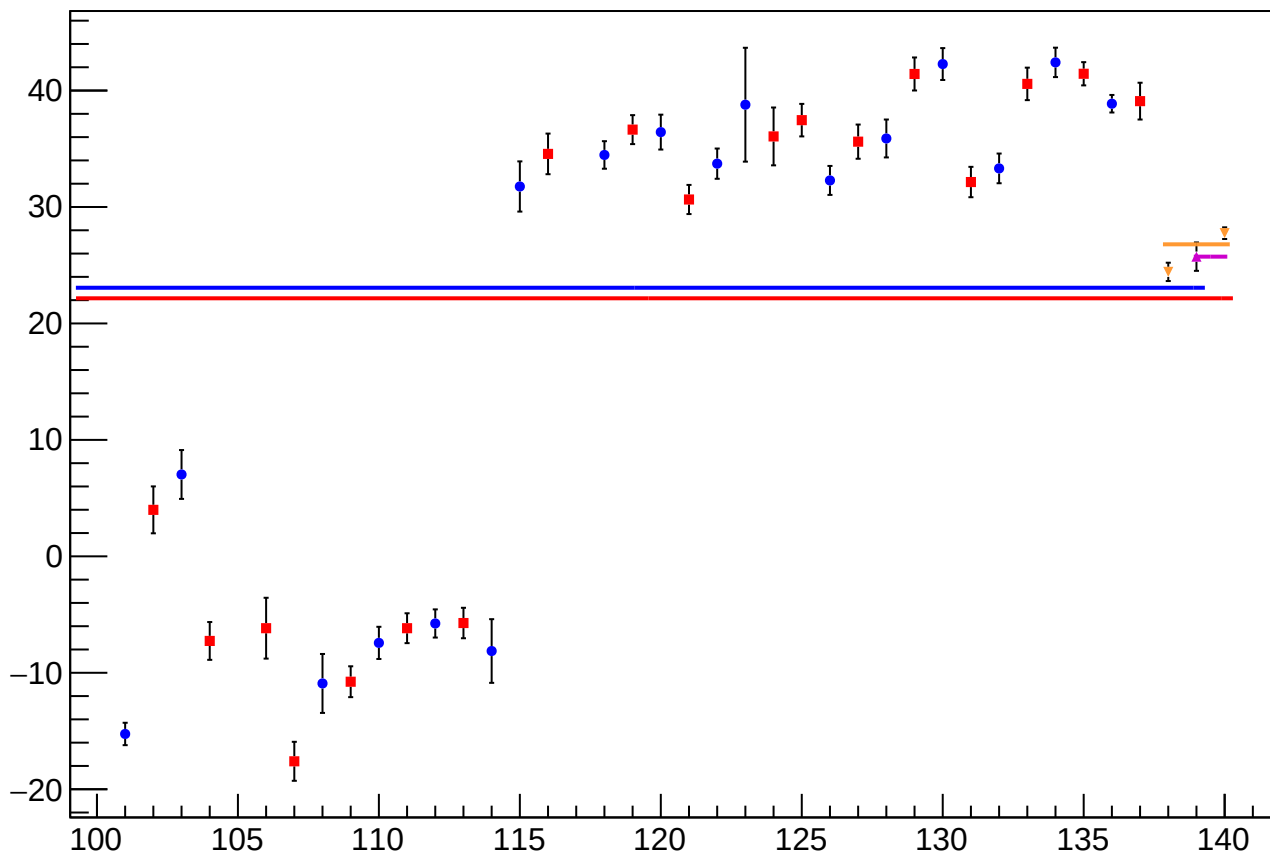
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -50.138 ± 0.429 χ^2/NDF : 726.9/17

Out: -42.840 ± 0.340 χ^2/NDF : 492.7/19

All: -45.653 ± 0.266 χ^2/NDF : 1397.5/37

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 26.795 $\pm$ 0.423 χ^2 /NDF:12.7/1

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 25.736 $\pm$ 1.219 χ^2 /NDF:0.0/0

Left: 26.681 $\pm$ 0.399 χ^2 /NDF: 13.4/2

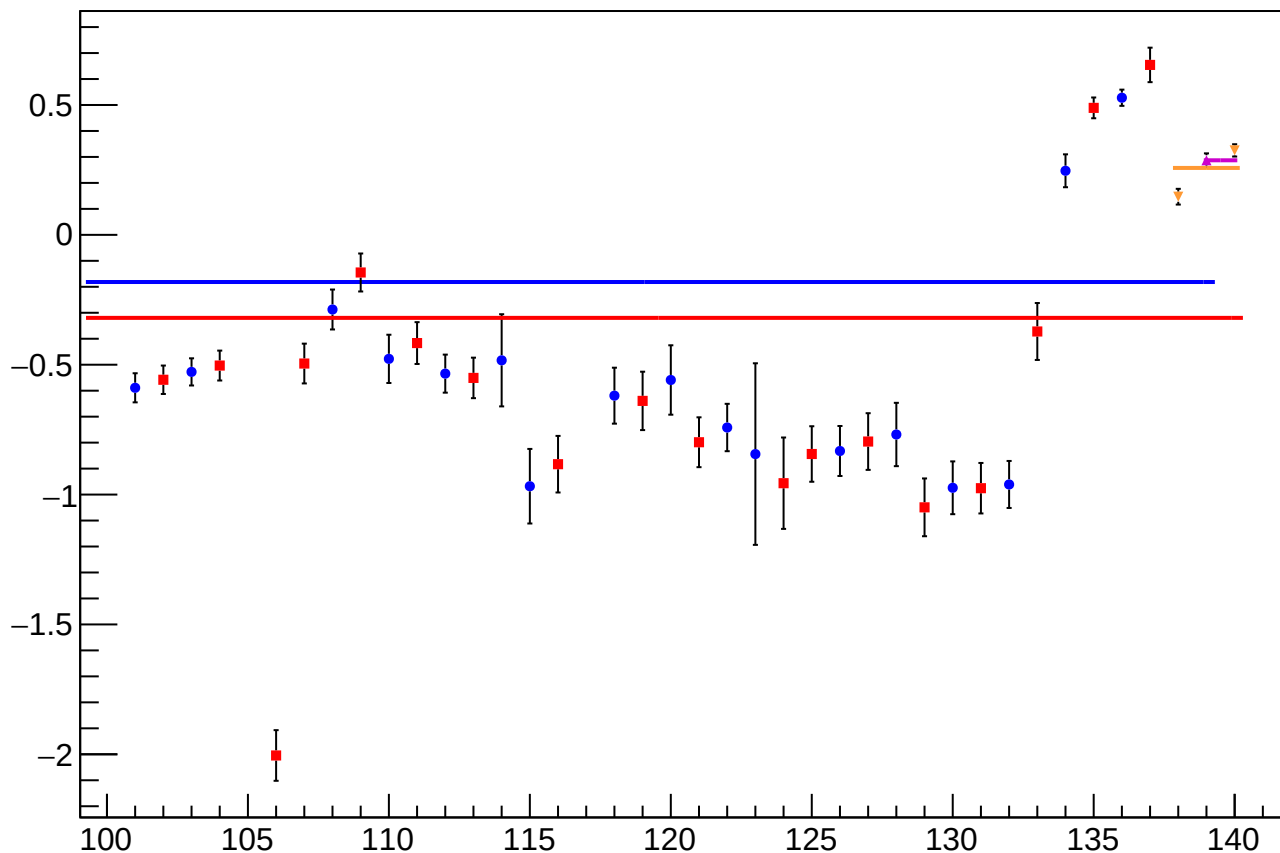
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 23.245 $\pm$ 0.315 χ^2 /NDF:4337.9/17

Out: 23.981 $\pm$ 0.265 χ^2 /NDF:4111.3/19

All: 23.676 $\pm$ 0.203 χ^2 /NDF: 8452.4/37

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.258 ± 0.019 χ^2/NDF : 21.5/1

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.287 ± 0.027 χ^2/NDF : 0.0/0

Left: 0.267 ± 0.015 χ^2/NDF : 22.3/2

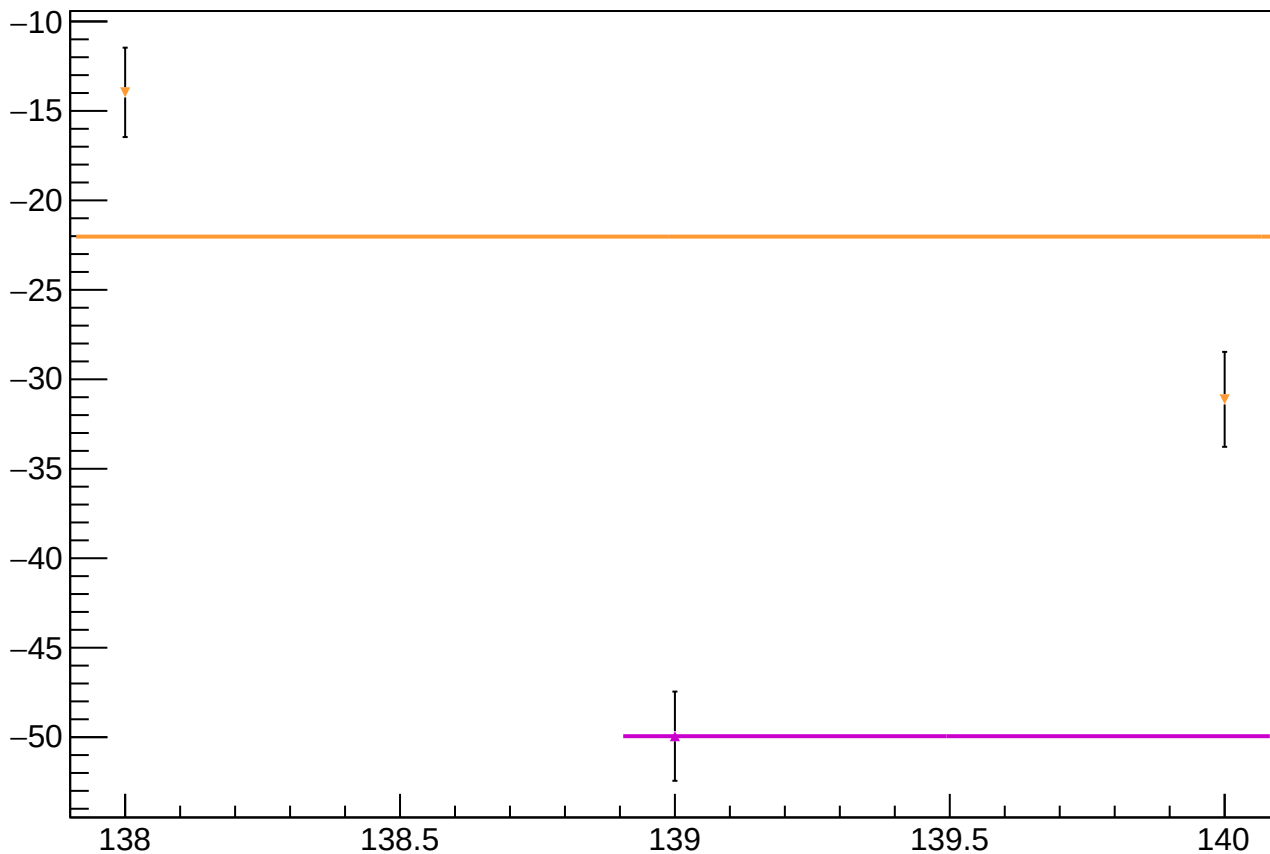
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: -0.038 ± 0.015 χ^2/NDF : 1211.0/17

Out: -0.038 ± 0.013 χ^2/NDF : 1689.4/19

All: -0.038 ± 0.010 χ^2/NDF : 2900.3/37

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.025+/-1.819 χ^2/NDF : 22.2/1

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

Left In: -49.945+/-2.493 χ^2/NDF : 0.0/0

Left: -31.722+/-1.469 χ^2/NDF : 104.0/2

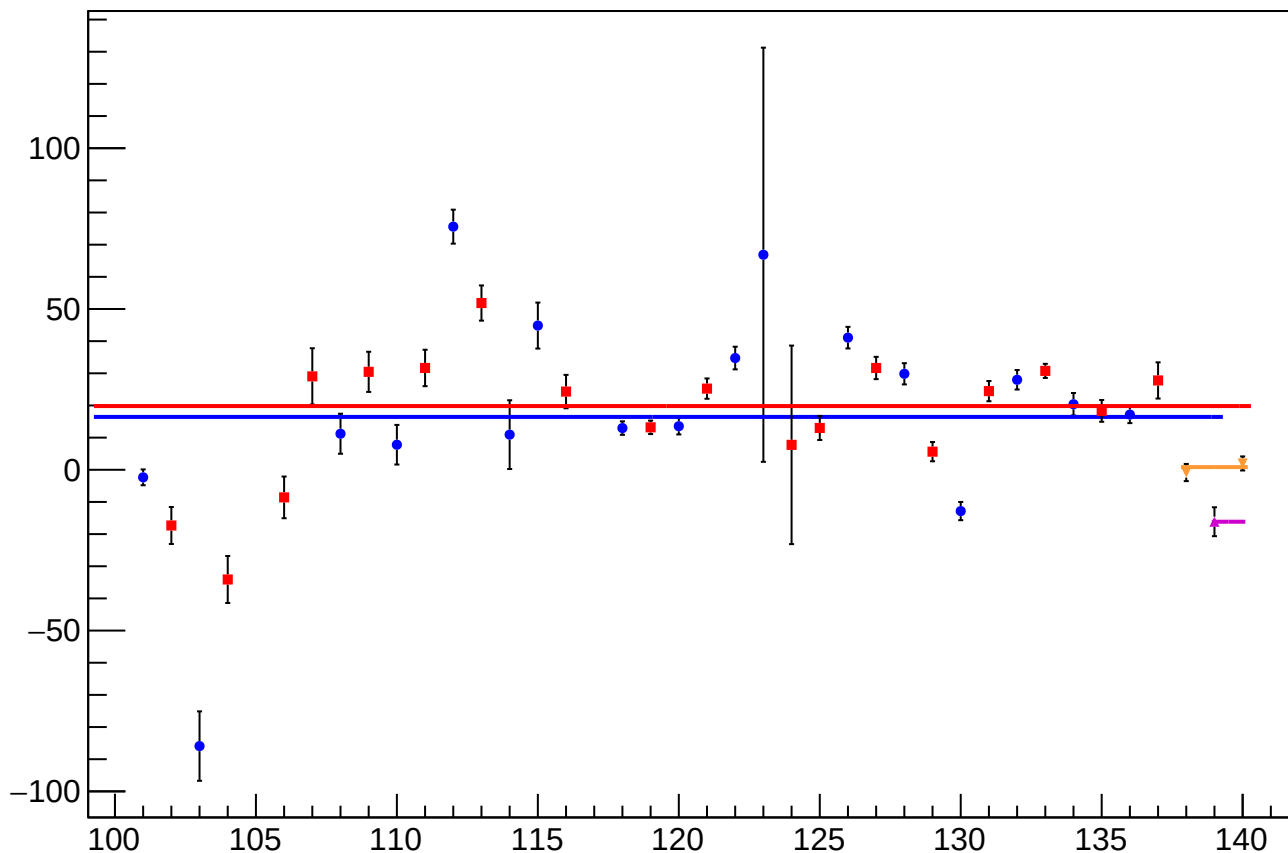
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.945+/-2.493 χ^2/NDF : 0.0/0

Out: -22.025+/-1.819 χ^2/NDF : 22.2/1

All: -31.722+/-1.469 χ^2/NDF : 104.0/2

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 0.836 $\pm$ 1.692 χ^2 /NDF:0.7/1

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: -16.151 $\pm$ 4.498 χ^2 /NDF:0.0/0

Left: -1.270 $\pm$ 1.584 χ^2 /NDF: 13.2/2

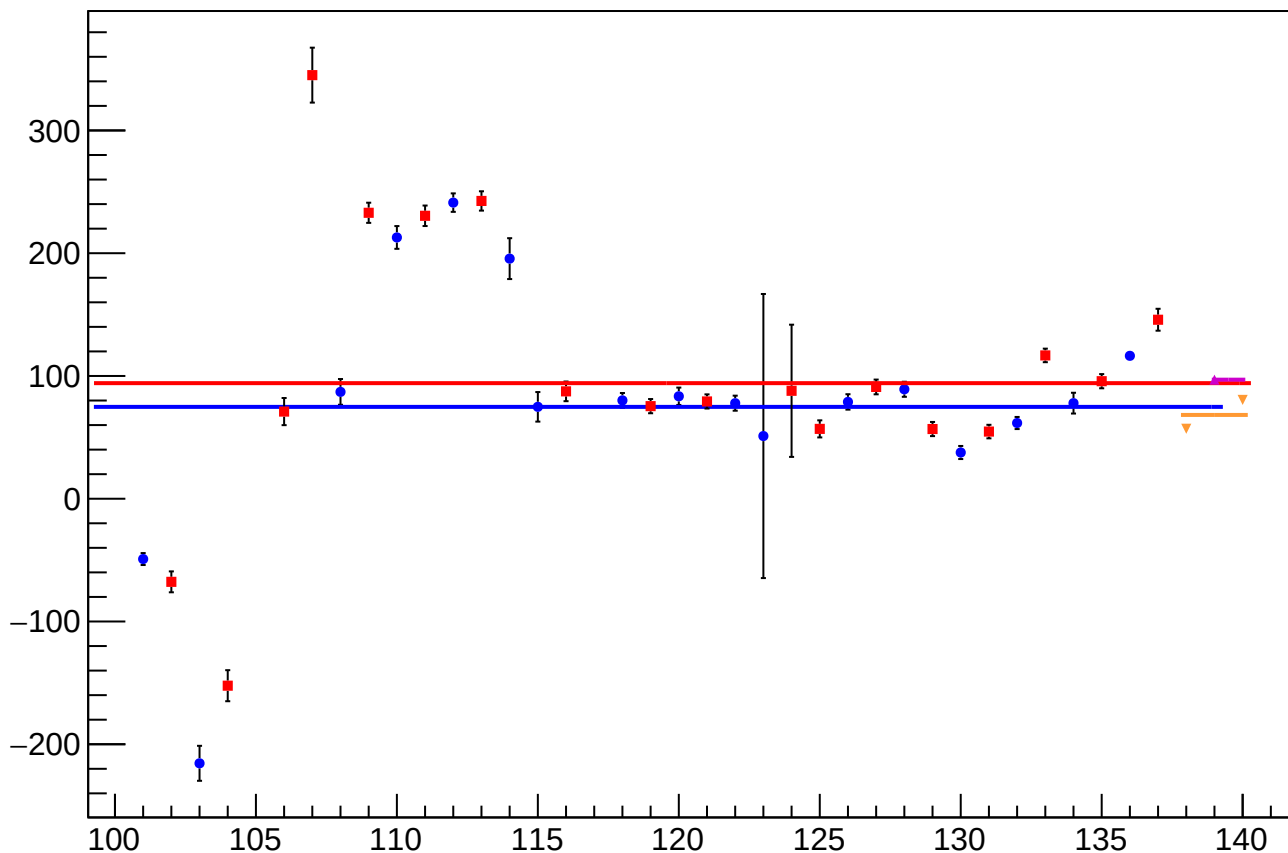
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 15.319 $\pm$ 0.834 χ^2 /NDF:567.6/17

Out: 15.635 $\pm$ 0.794 χ^2 /NDF:337.2/19

All: 15.485 $\pm$ 0.575 χ^2 /NDF: 904.9/37

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 68.260+/-1.956 χ^2 /NDF:36.0/1

Right Out: 94.153+/-1.720 χ^2 /NDF: 1969.2/17

Left In: 96.985+/-2.699 χ^2 /NDF:0.0/0

Left: 78.151+/-1.584 χ^2 /NDF: 110.3/2

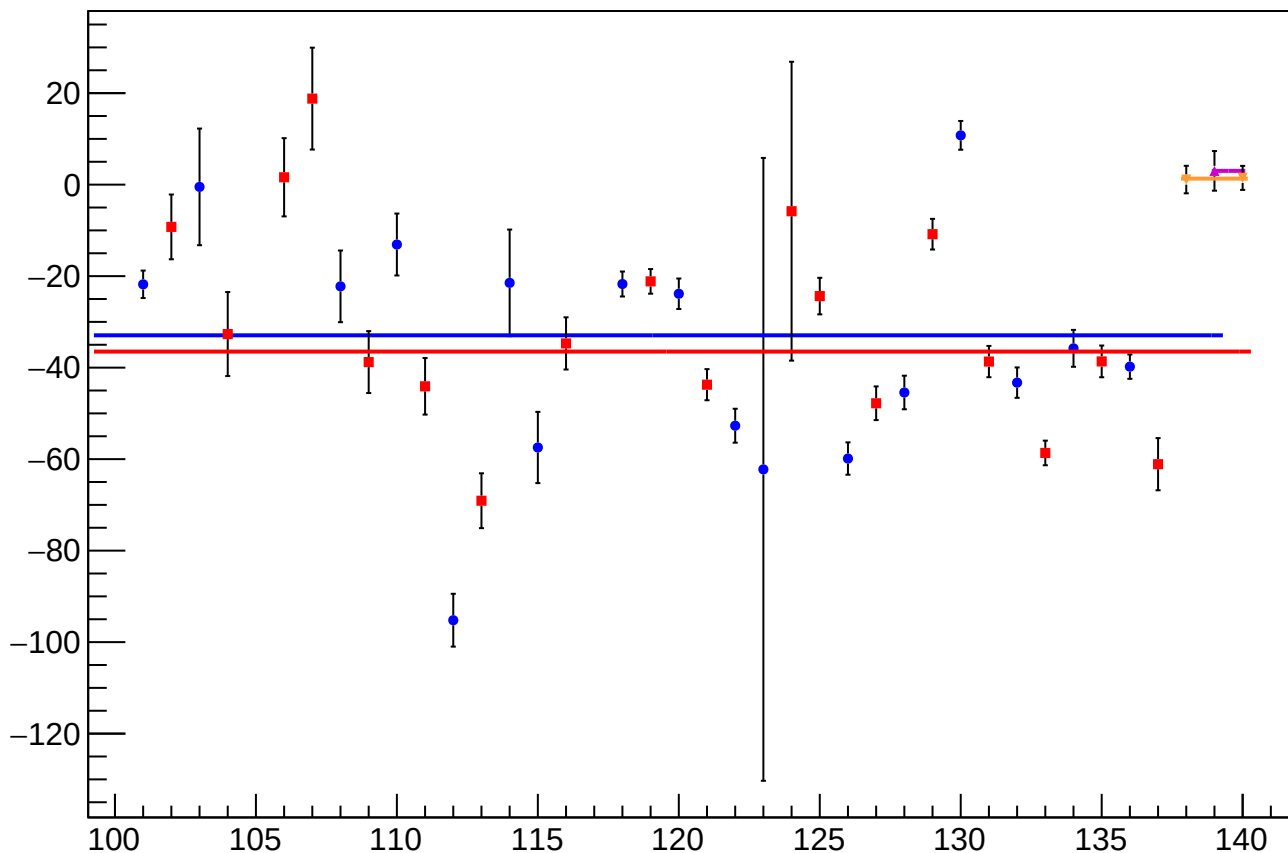
Right: 84.020+/-1.186 χ^2 /NDF: 4032.2/34

In: 80.793+/-1.401 χ^2 /NDF:2046.1/17

Out: 82.860+/-1.292 χ^2 /NDF:2104.1/19

All: 81.910+/-0.950 χ^2 /NDF: 4151.3/37

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 1.318 ± 1.978 χ^2/NDF : 0.0/1

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: 3.010 ± 4.330 χ^2/NDF : 0.0/0

Left: 1.610 ± 1.799 χ^2/NDF : 0.1/2

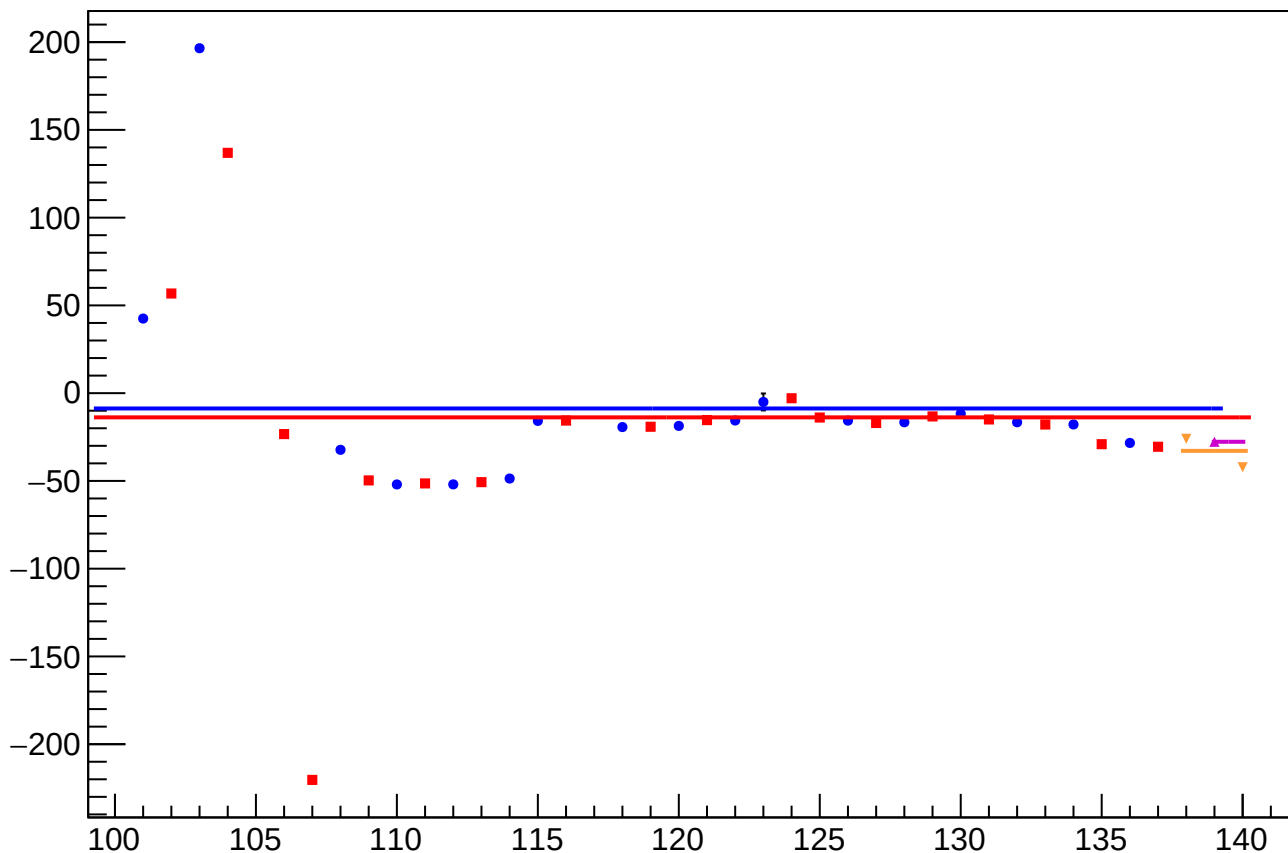
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -31.207 ± 0.950 χ^2/NDF : 556.3/17

Out: -28.464 ± 0.911 χ^2/NDF : 581.0/19

All: -29.779 ± 0.657 χ^2/NDF : 1141.7/37

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -32.877 ± 0.080 χ^2/NDF : 10047.9/1

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -27.705 ± 0.095 χ^2/NDF : 0.0/0

Left: -30.735 ± 0.061 χ^2/NDF : 11779.6/2

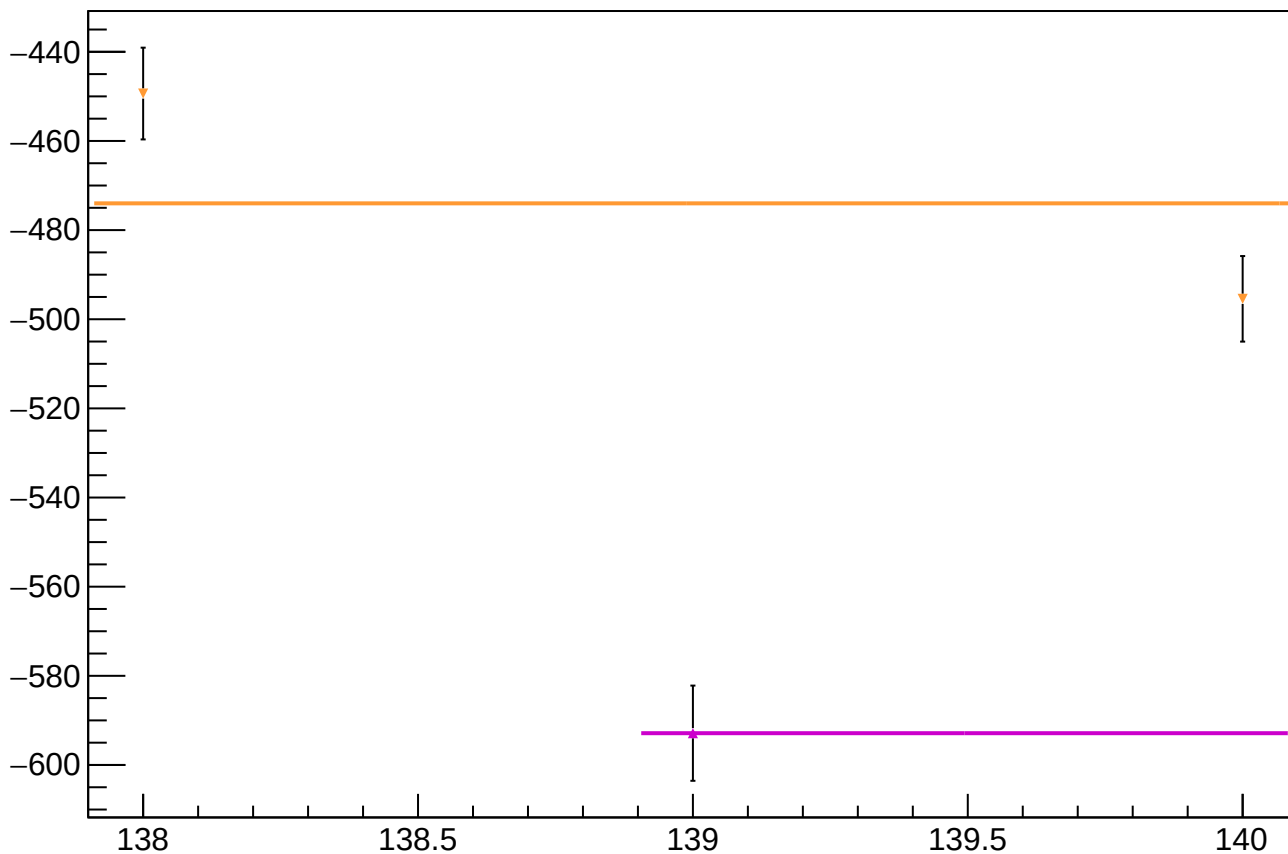
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -13.979 ± 0.050 χ^2/NDF : 604625.9/17

Out: -20.970 ± 0.049 χ^2/NDF : 594943.9/19

All: -17.545 ± 0.035 χ^2/NDF : 1209520.0/37

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -473.999+/-7.019 χ^2/NDF :10.7/1

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

Left In: -592.872+/-10.680 χ^2/NDF :0.0/0

Left: -509.859+/-5.866 χ^2/NDF : 97.2/2

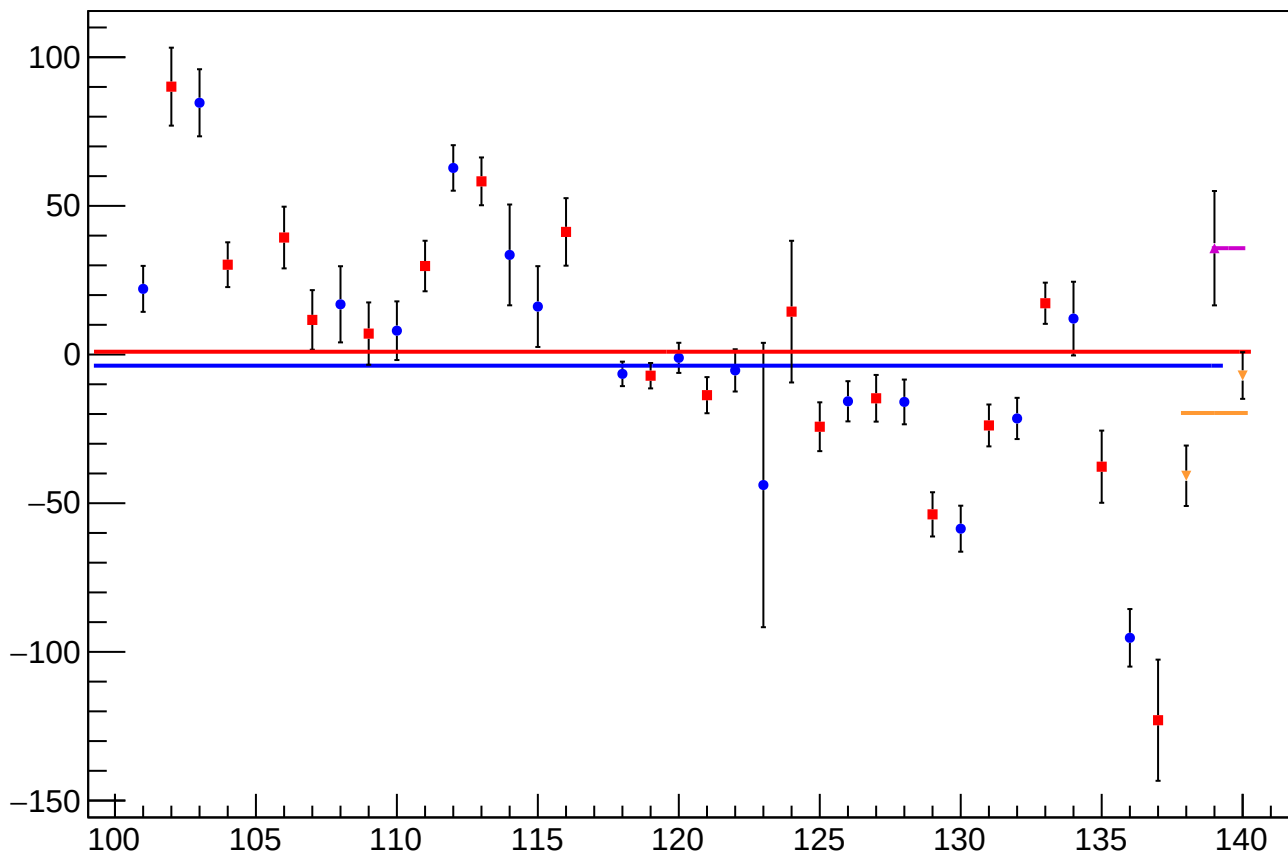
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -592.872+/-10.680 χ^2/NDF :0.0/0

Out: -473.999+/-7.019 χ^2/NDF :10.7/1

All: -509.859+/-5.866 χ^2/NDF : 97.2/2

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -19.653 ± 6.213 χ^2/NDF : 6.9/1

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 35.770 ± 19.233 χ^2/NDF : 0.0/0

Left: -14.416 ± 5.912 χ^2/NDF : 14.4/2

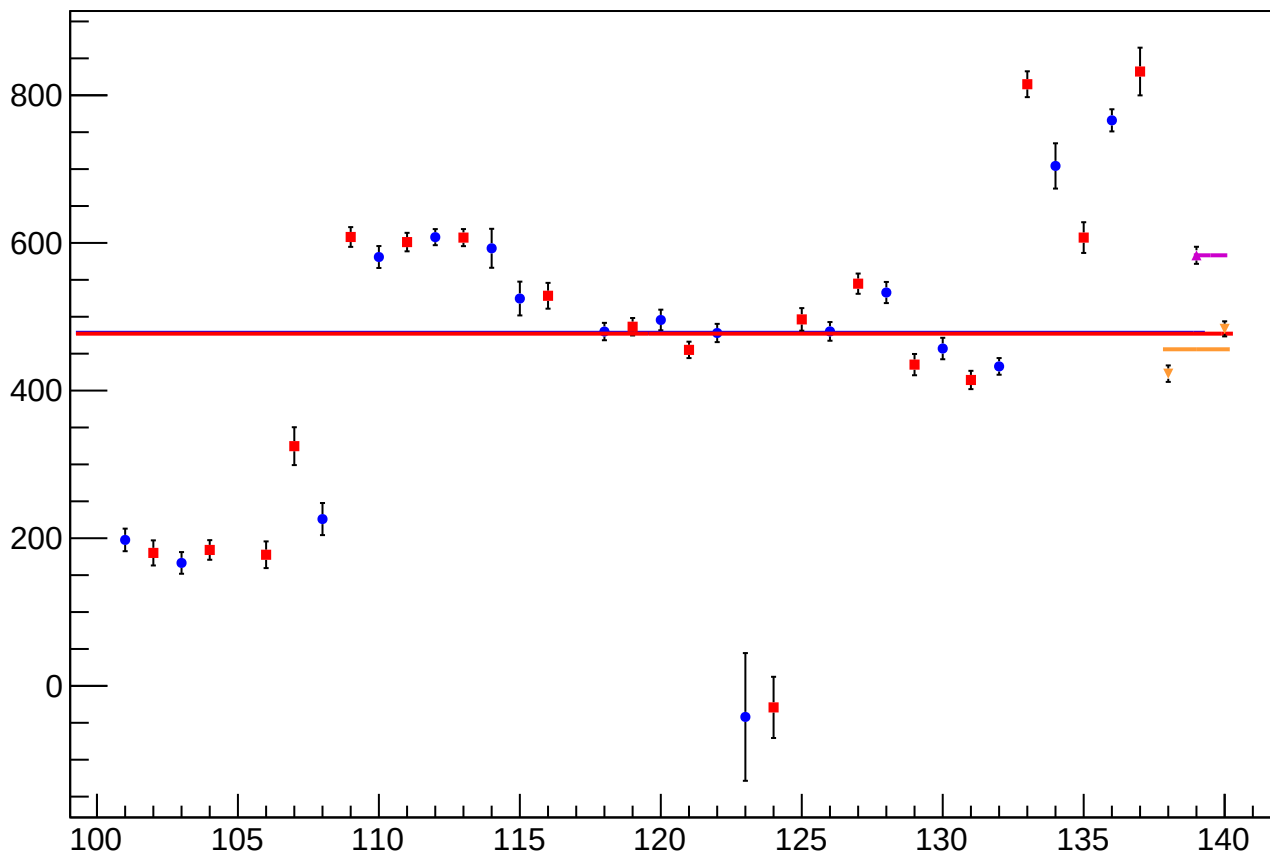
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -3.365 ± 1.883 χ^2/NDF : 318.3/17

Out: -0.844 ± 1.833 χ^2/NDF : 310.6/19

All: -2.070 ± 1.313 χ^2/NDF : 629.8/37

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 455.926+/-7.535 χ^2/NDF :16.1/1

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 583.230+/-11.565 χ^2/NDF :0.0/0

Left: 493.863+/-6.314 χ^2/NDF : 101.1/2

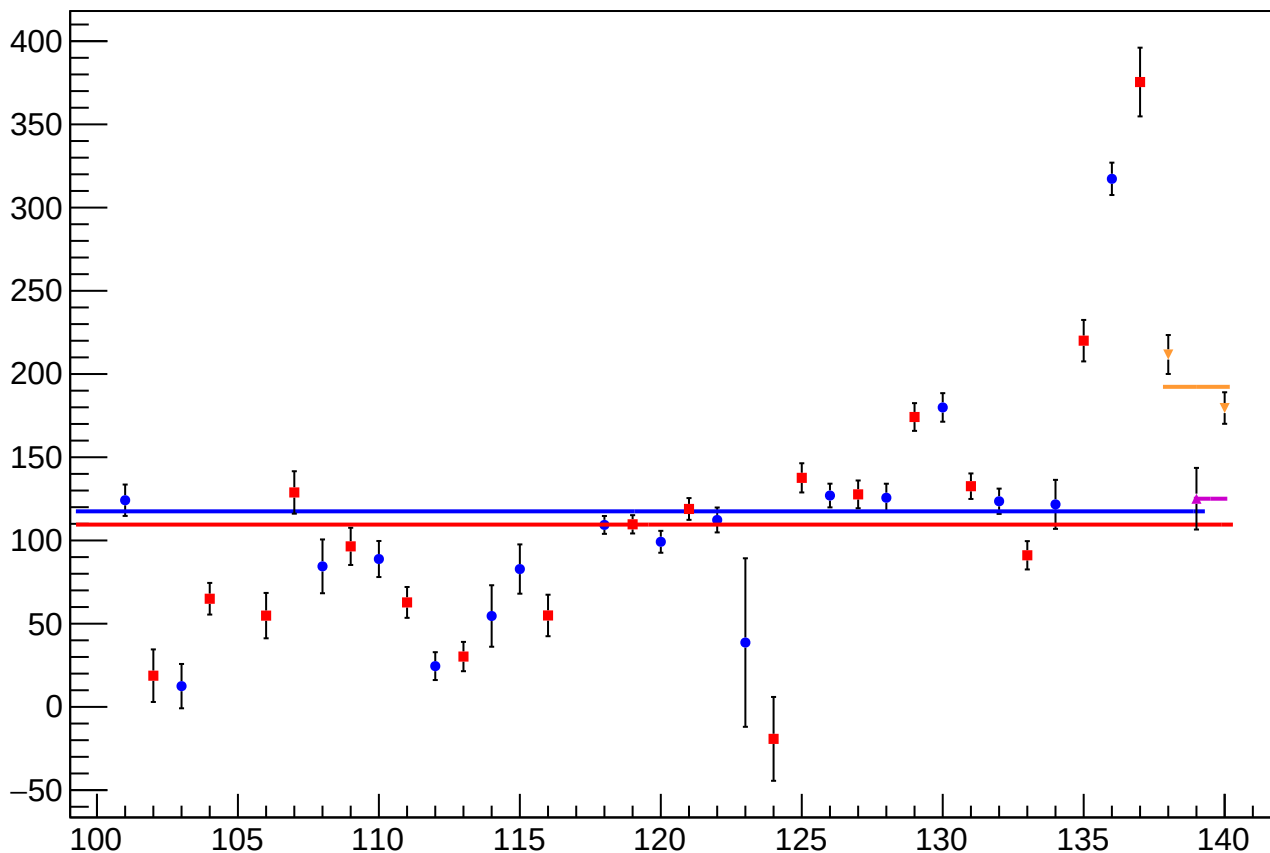
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 487.716+/-3.470 χ^2/NDF :1702.9/17

Out: 473.270+/-3.205 χ^2/NDF :2198.4/19

All: 479.920+/-2.355 χ^2/NDF : 3910.6/37

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 192.310 $\pm$ 7.364 χ^2 /NDF: 4.6/1

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 125.086 $\pm$ 18.513 χ^2 /NDF: 0.0/0

Left: 183.127 $\pm$ 6.842 χ^2 /NDF: 15.9/2

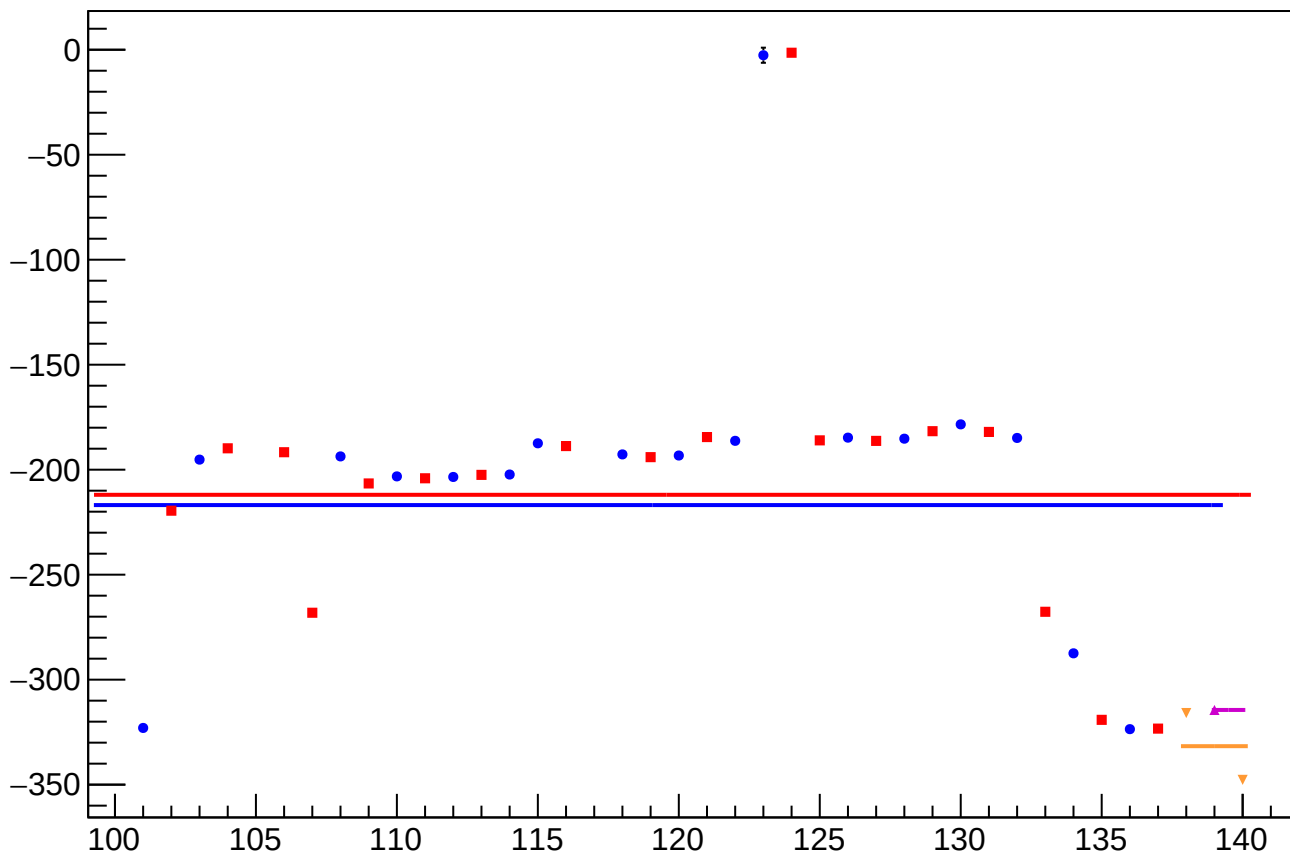
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 117.607 $\pm$ 2.182 χ^2 /NDF: 706.1/17

Out: 116.366 $\pm$ 2.115 χ^2 /NDF: 682.7/19

All: 116.967 $\pm$ 1.519 χ^2 /NDF: 1389.0/37

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -331.678+/-0.315 χ^2/NDF : 2555.5/1

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -314.423+/-0.407 χ^2/NDF : 0.0/0

Left: -325.220+/-0.249 χ^2/NDF : 3680.1/2

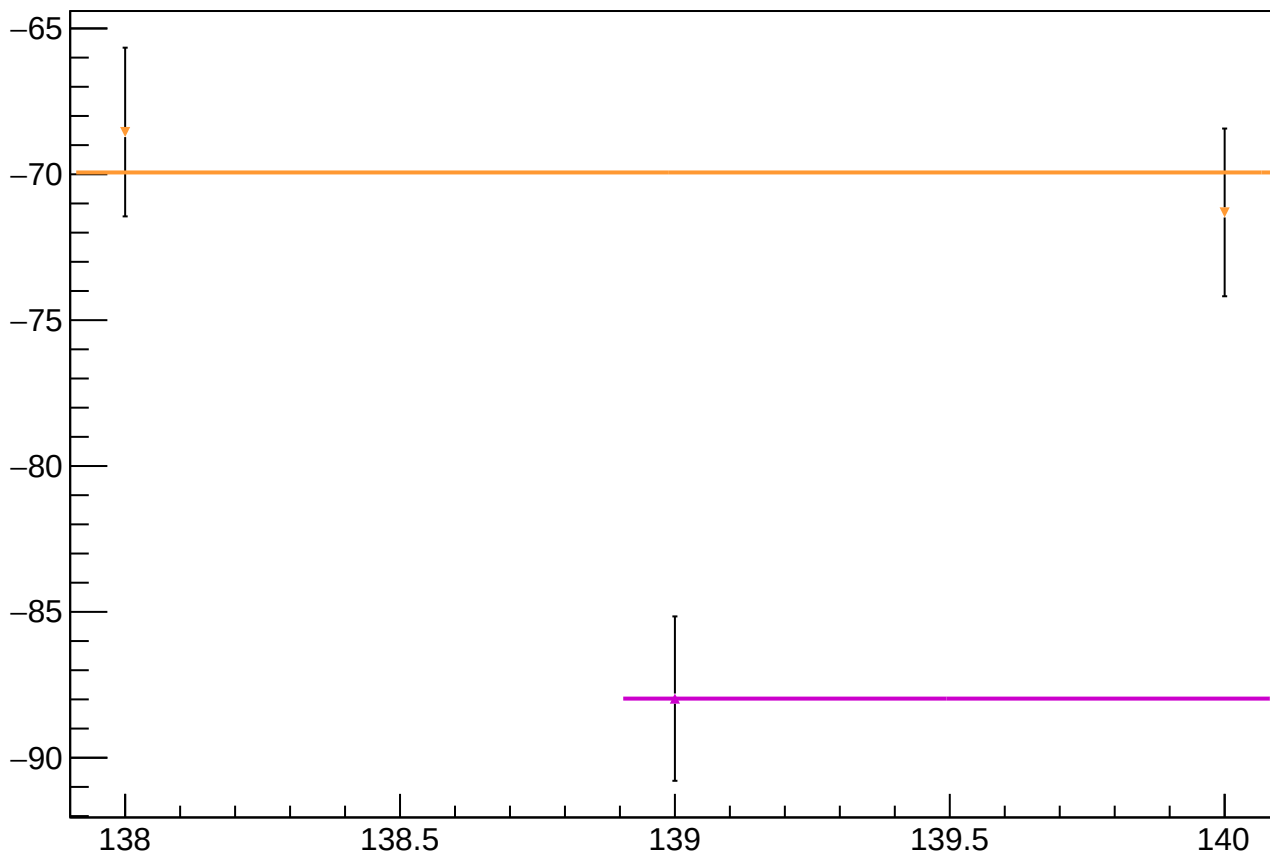
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -226.636+/-0.129 χ^2/NDF : 198629.6/17

Out: -229.556+/-0.121 χ^2/NDF : 238036.3/19

All: -228.192+/-0.088 χ^2/NDF : 436939.4/37

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.937+/-2.039 χ^2/NDF : 0.5/1

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

Left In: -87.973+/-2.818 χ^2/NDF : 0.0/0

Left: -76.134+/-1.652 χ^2/NDF : 27.4/2

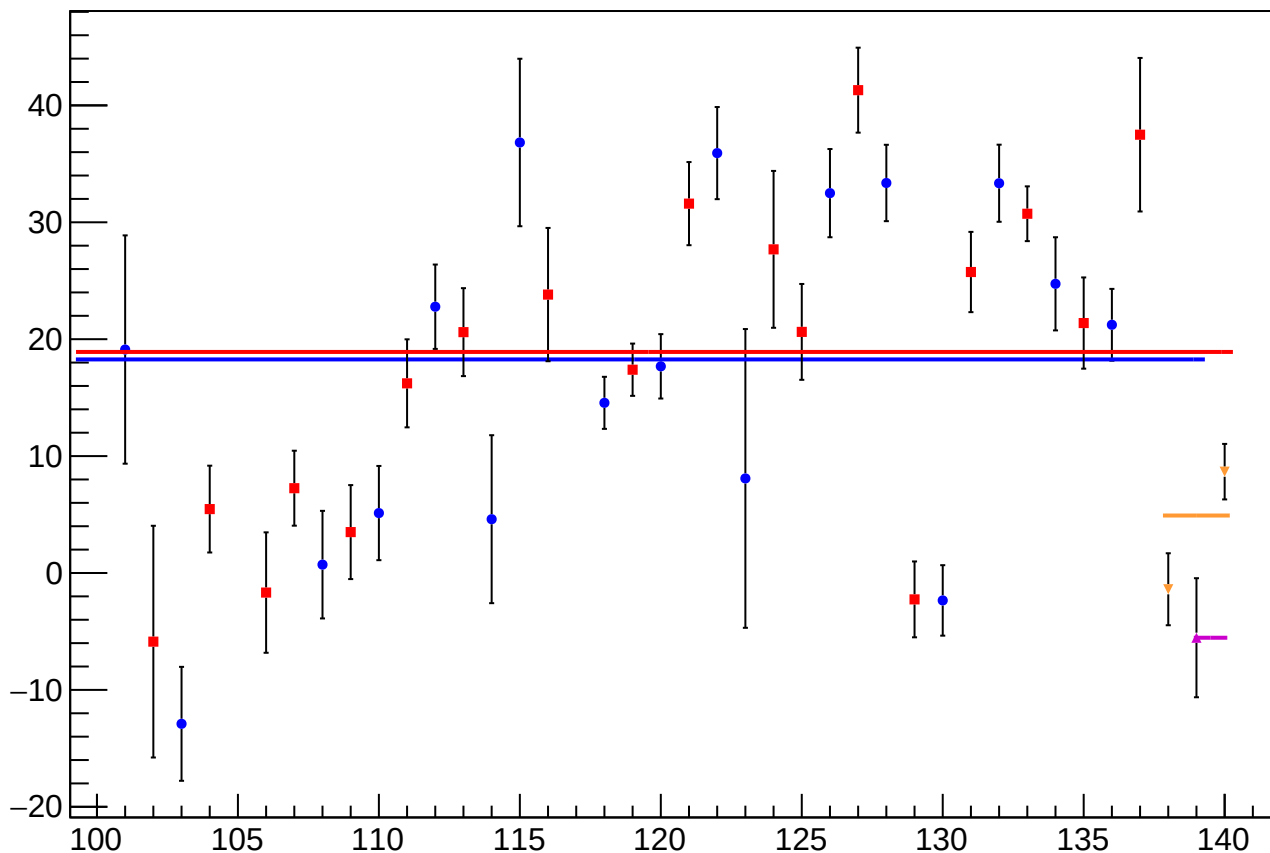
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.973+/-2.818 χ^2/NDF : 0.0/0

Out: -69.937+/-2.039 χ^2/NDF : 0.5/1

All: -76.134+/-1.652 χ^2/NDF : 27.4/2

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2/NDF : 208.3/16

Left Out: 4.917+/-1.880 χ^2/NDF : 6.7/1

Right Out: 18.909+/-0.864 χ^2/NDF : 198.1/17

Left In: -5.538+/-5.092 χ^2/NDF : 0.0/0

Left: 3.662+/-1.764 χ^2/NDF : 10.4/2

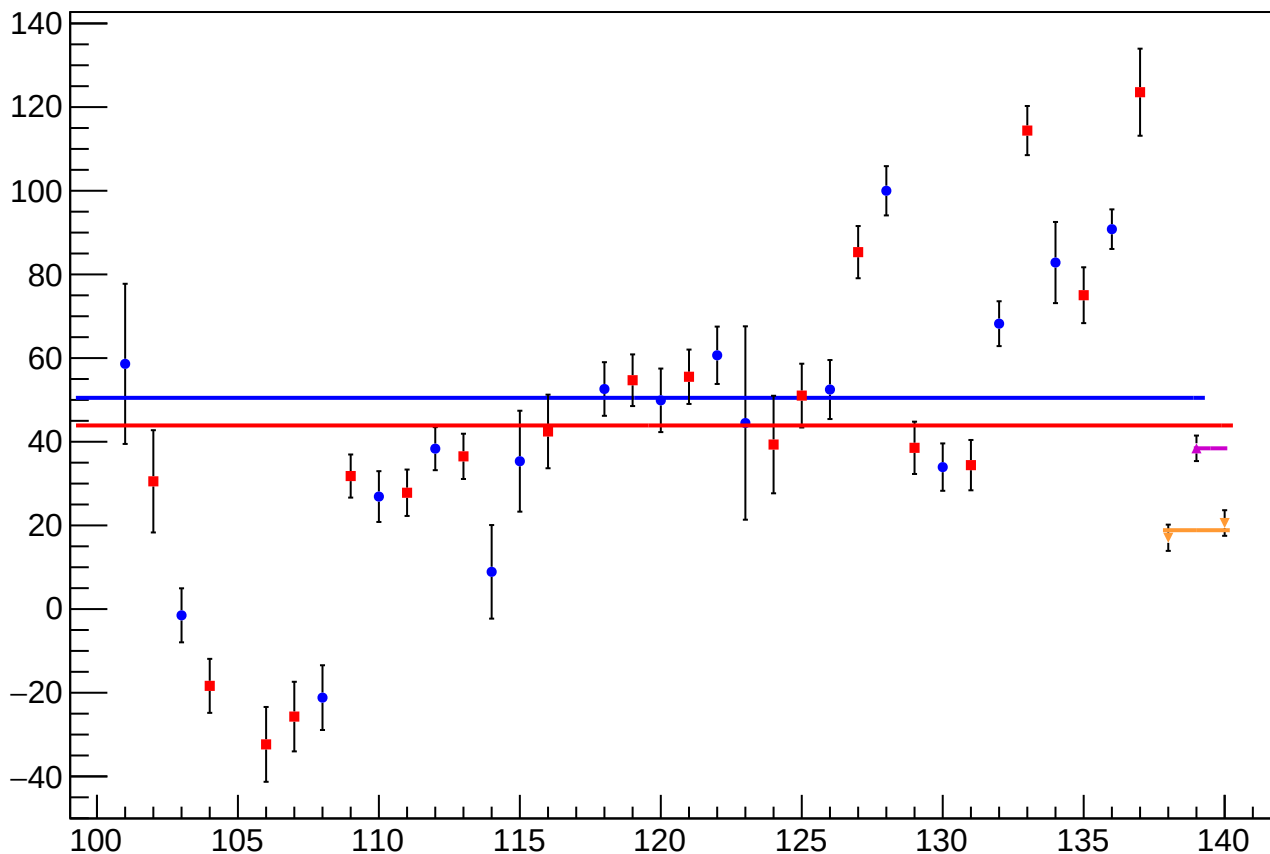
Right: 18.605+/-0.626 χ^2/NDF : 406.7/34

In: 17.537+/-0.893 χ^2/NDF : 229.5/17

Out: 16.469+/-0.785 χ^2/NDF : 250.5/19

All: 16.935+/-0.590 χ^2/NDF : 480.8/37

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 18.854 $\pm$ 2.191 χ^2 /NDF:0.6/1

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 38.430 $\pm$ 3.049 χ^2 /NDF:0.0/0

Left: 25.519 $\pm$ 1.779 χ^2 /NDF: 27.8/2

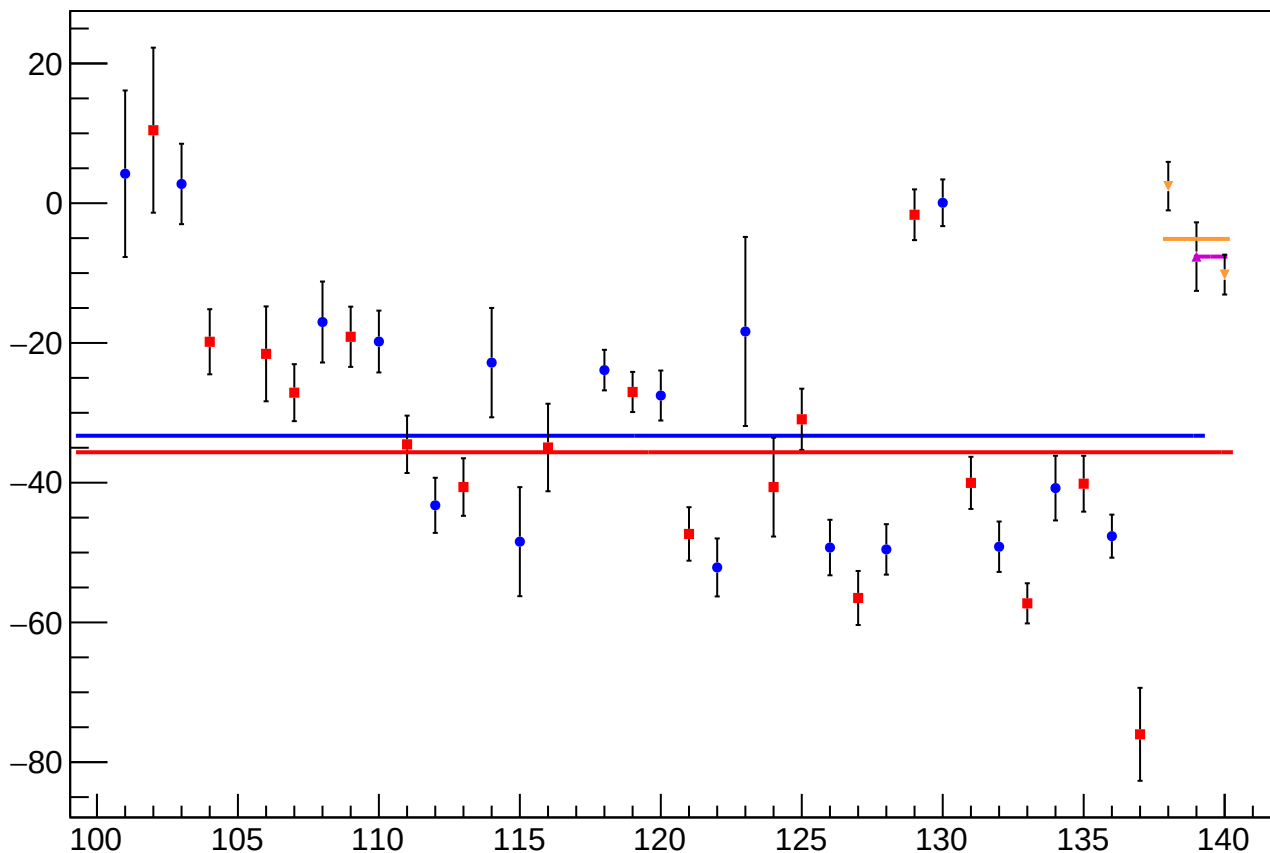
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 47.711 $\pm$ 1.465 χ^2 /NDF:375.2/17

Out: 35.160 $\pm$ 1.294 χ^2 /NDF:617.4/19

All: 40.659 $\pm$ 0.970 χ^2 /NDF: 1033.8/37

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -5.113 ± 2.204 $\chi^2/\text{NDF}: 7.9/1$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -7.641 ± 4.904 $\chi^2/\text{NDF}: 0.0/0$

Left: -5.538 ± 2.010 $\chi^2/\text{NDF}: 8.2/2$

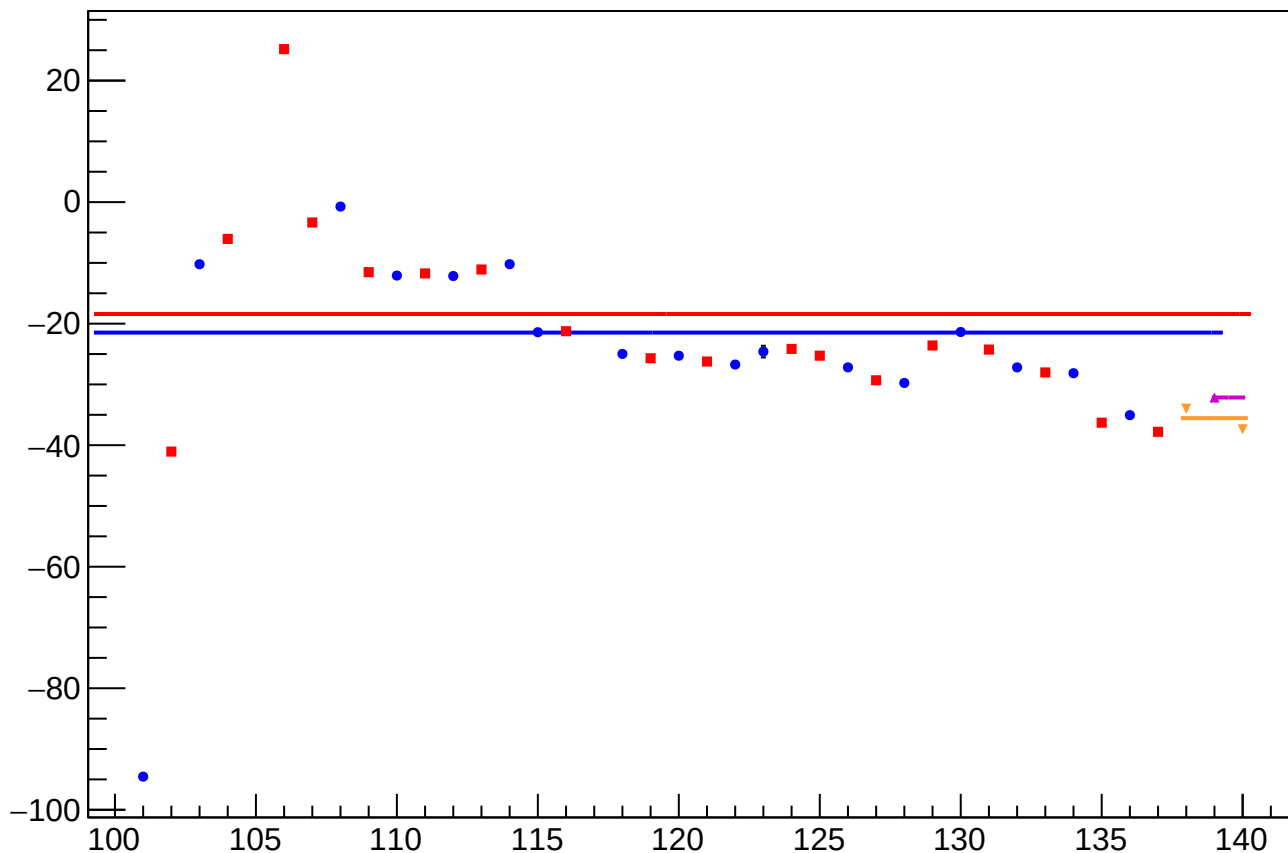
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -32.188 ± 1.012 $\chi^2/\text{NDF}: 319.1/17$

Out: -30.494 ± 0.905 $\chi^2/\text{NDF}: 452.1/19$

All: -31.246 ± 0.675 $\chi^2/\text{NDF}: 772.7/37$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -35.547+/-0.090 χ^2/NDF : 350.1/1

Right Out: -18.411+/-0.057 χ^2/NDF : 77587.3/17

Left In: -32.155+/-0.108 χ^2/NDF : 0.0/0

Left: -34.150+/-0.069 χ^2/NDF : 934.1/2

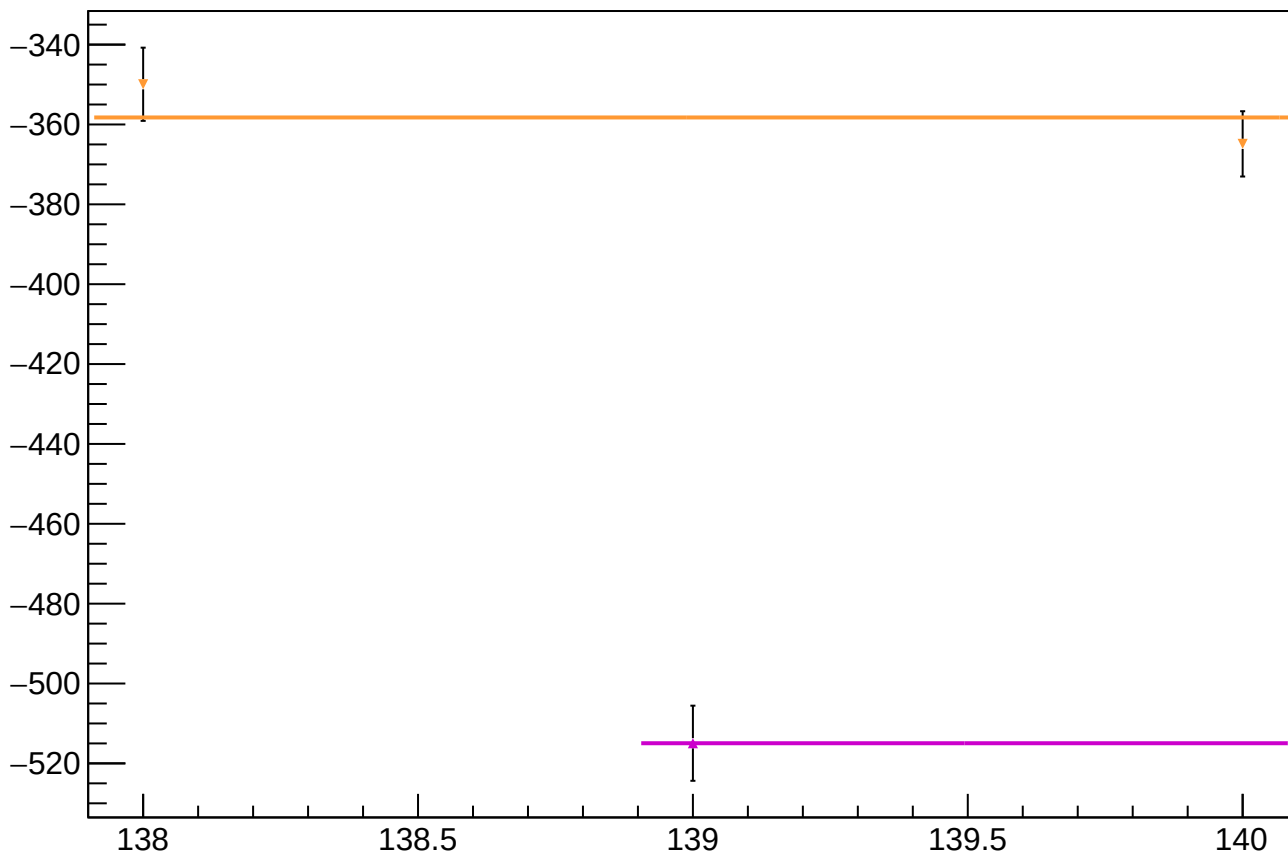
Right: -19.904+/-0.041 χ^2/NDF : 127953.4/34

In: -23.922+/-0.052 χ^2/NDF : 56576.8/17

Out: -23.357+/-0.048 χ^2/NDF : 103677.5/19

All: -23.622+/-0.035 χ^2/NDF : 160318.1/37

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -358.246 $\pm$ 6.101 χ^2/NDF : 1.5/1

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

Left In: -514.954 $\pm$ 9.407 χ^2/NDF : 0.0/0

Left: -404.645 $\pm$ 5.119 χ^2/NDF : 196.8/2

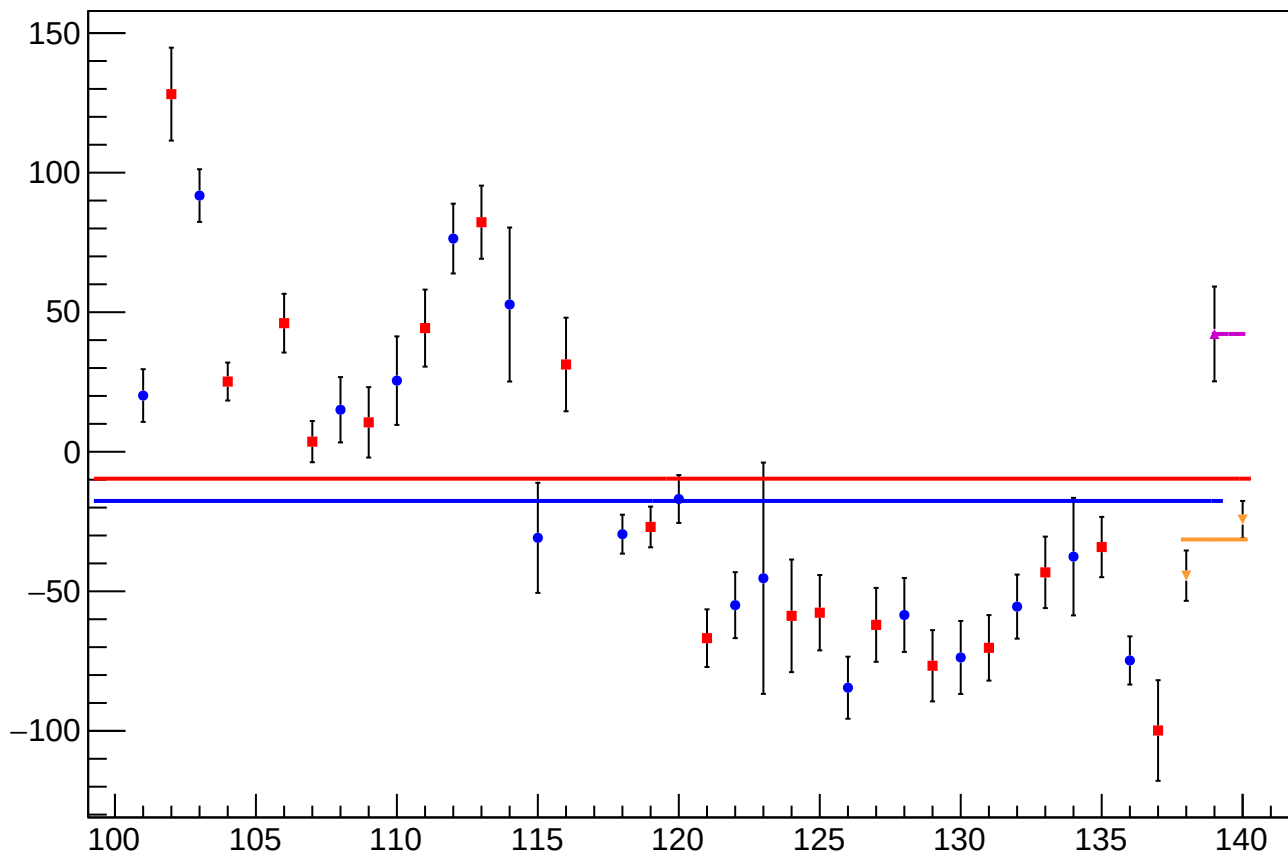
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -514.954 $\pm$ 9.407 χ^2/NDF : 0.0/0

Out: -358.246 $\pm$ 6.101 χ^2/NDF : 1.5/1

All: -404.645 $\pm$ 5.119 χ^2/NDF : 196.8/2

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -31.433 ± 5.369 $\chi^2/\text{NDF}: 3.2/1$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 42.212 ± 16.982 $\chi^2/\text{NDF}: 0.0/0$

Left: -24.740 ± 5.119 $\chi^2/\text{NDF}: 20.3/2$

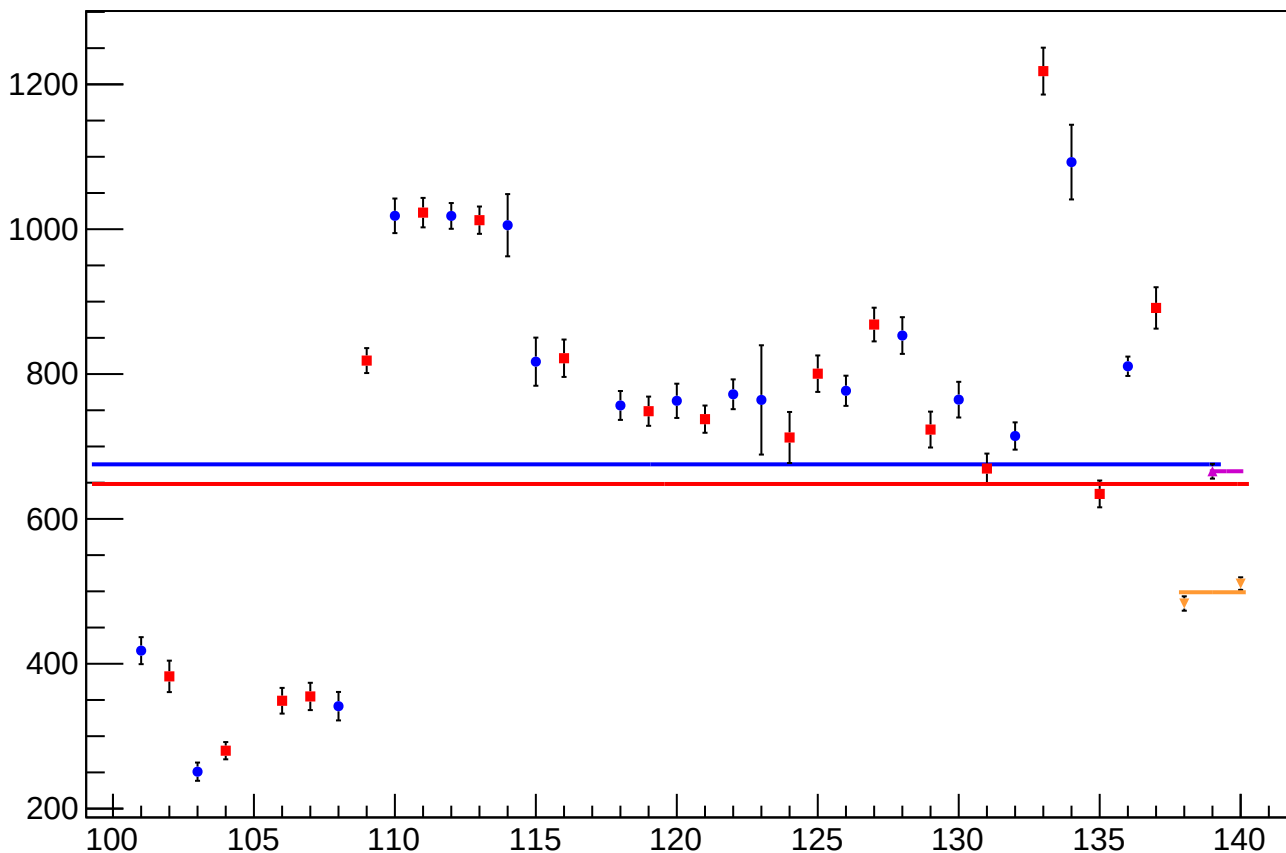
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -16.051 ± 2.750 $\chi^2/\text{NDF}: 374.1/17$

Out: -13.813 ± 2.349 $\chi^2/\text{NDF}: 377.2/19$

All: -14.757 ± 1.786 $\chi^2/\text{NDF}: 751.7/37$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 498.739+/-6.547 χ^2/NDF : 4.3/1

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 665.799+/-10.182 χ^2/NDF : 0.0/0

Left: 547.602+/-5.507 χ^2/NDF : 194.8/2

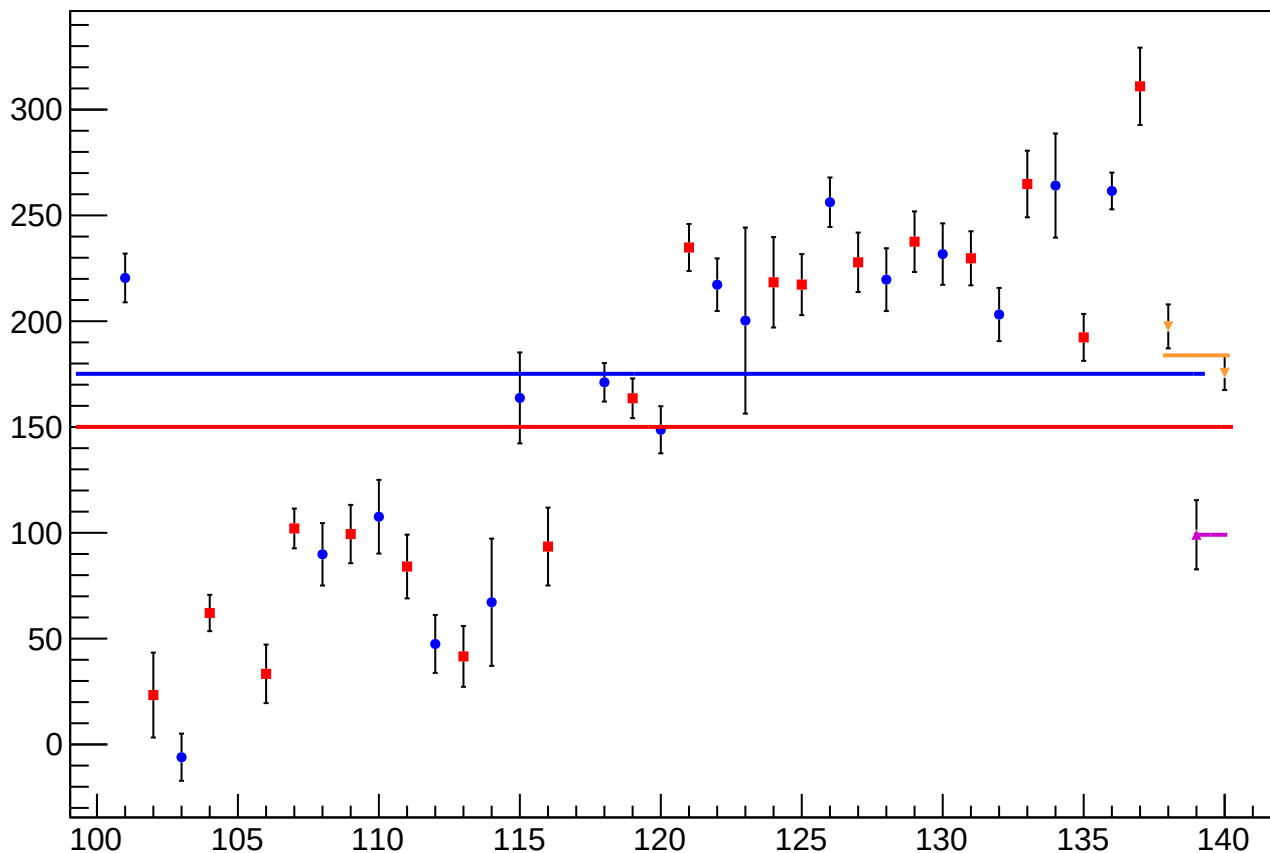
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 673.458+/-4.521 χ^2/NDF : 2583.4/17

Out: 596.319+/-3.858 χ^2/NDF : 3403.7/19

All: 628.819+/-2.935 χ^2/NDF : 6155.6/37

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 183.867 $\pm$ 6.376 χ^2 /NDF:2.8/1

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 99.088 $\pm$ 16.350 χ^2 /NDF:0.0/0

Left: 172.677 $\pm$ 5.940 χ^2 /NDF: 26.1/2

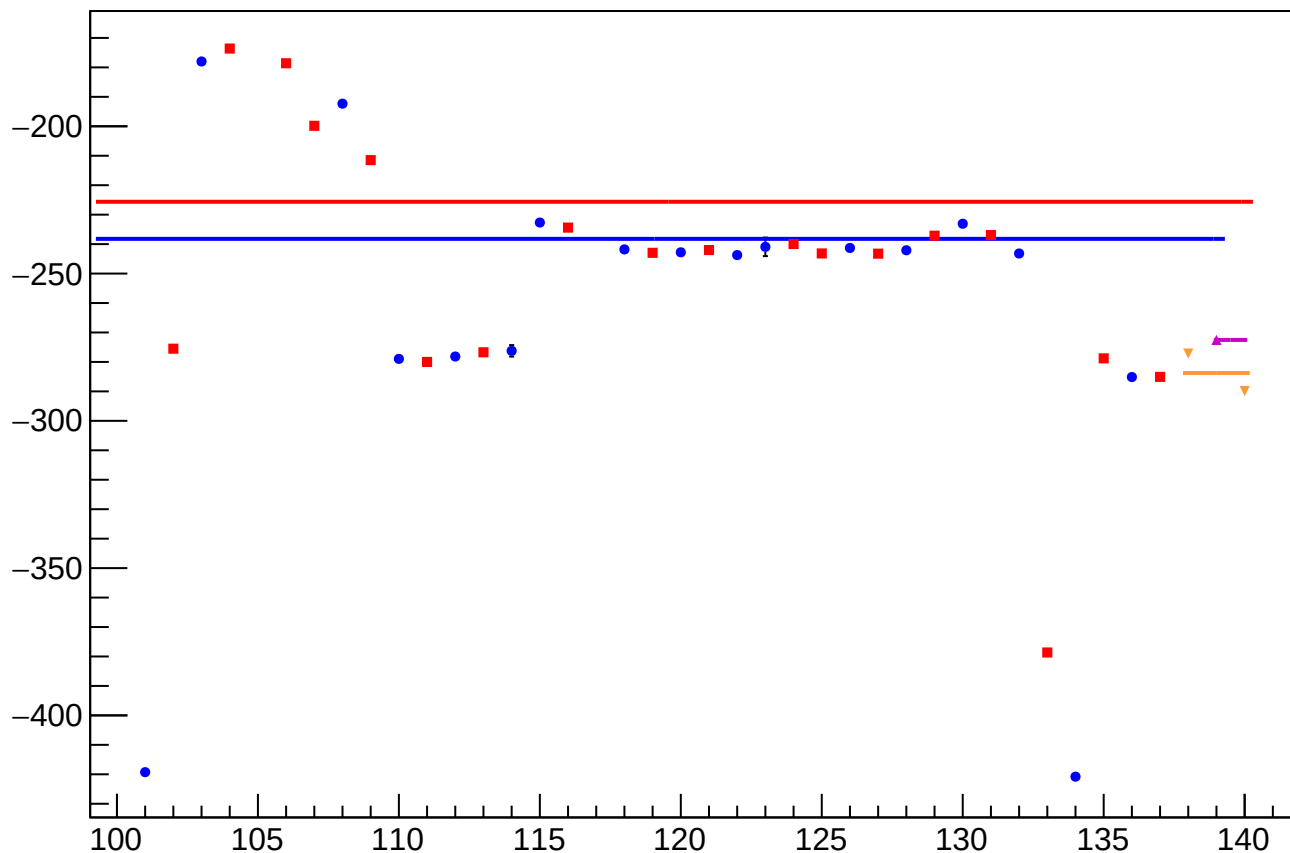
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 172.321 $\pm$ 3.149 χ^2 /NDF:656.5/17

Out: 156.336 $\pm$ 2.748 χ^2 /NDF:711.9/19

All: 163.246 $\pm$ 2.071 χ^2 /NDF: 1383.0/37

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -283.763+/-0.274 χ^2/NDF : 537.4/1

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -272.527+/-0.359 χ^2/NDF : 0.0/0

Left: -279.629+/-0.218 χ^2/NDF : 1154.9/2

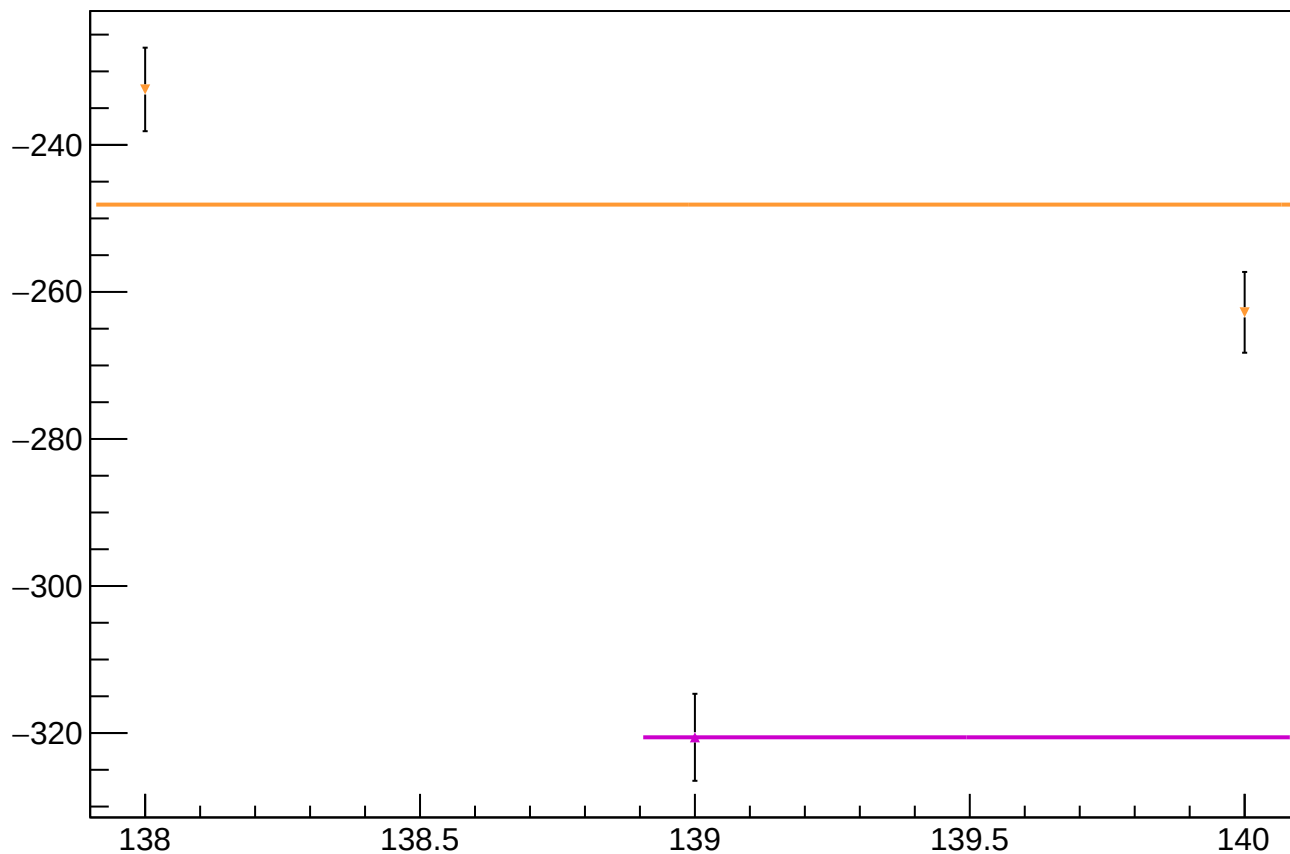
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -243.894+/-0.146 χ^2/NDF : 174701.4/17

Out: -239.226+/-0.133 χ^2/NDF : 130412.8/19

All: -241.334+/-0.098 χ^2/NDF : 305673.1/37

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -248.121+/-3.949 χ^2/NDF :14.7/1

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

Left In: -320.579+/-5.916 χ^2/NDF :0.0/0

Left: -270.454+/-3.285 χ^2/NDF : 118.5/2

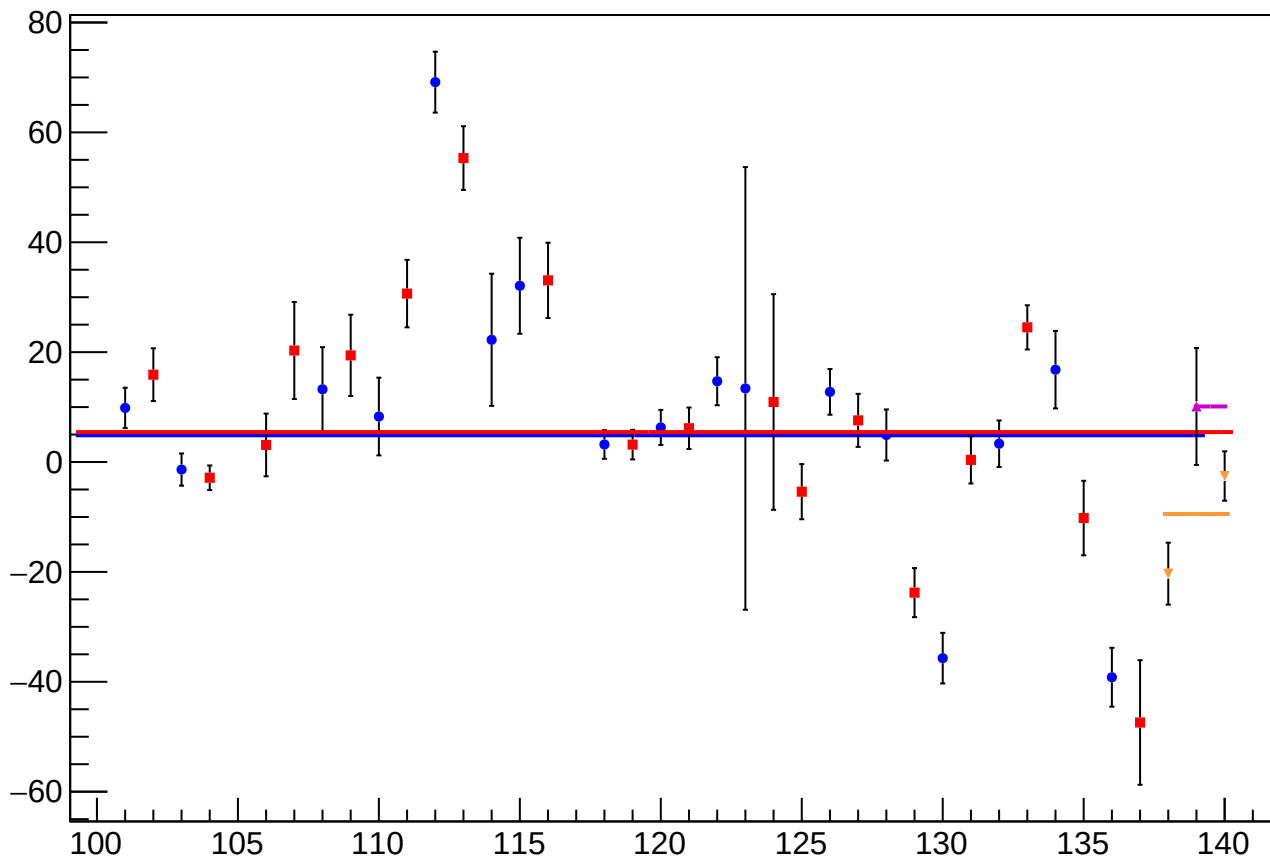
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -320.579+/-5.916 χ^2/NDF :0.0/0

Out: -248.121+/-3.949 χ^2/NDF :14.7/1

All: -270.454+/-3.285 χ^2/NDF : 118.5/2

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: -9.452 ± 3.517 $\chi^2/\text{NDF}: 6.1/1$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 10.116 ± 10.644 $\chi^2/\text{NDF}: 0.0/0$

Left: -7.527 ± 3.339 $\chi^2/\text{NDF}: 9.1/2$

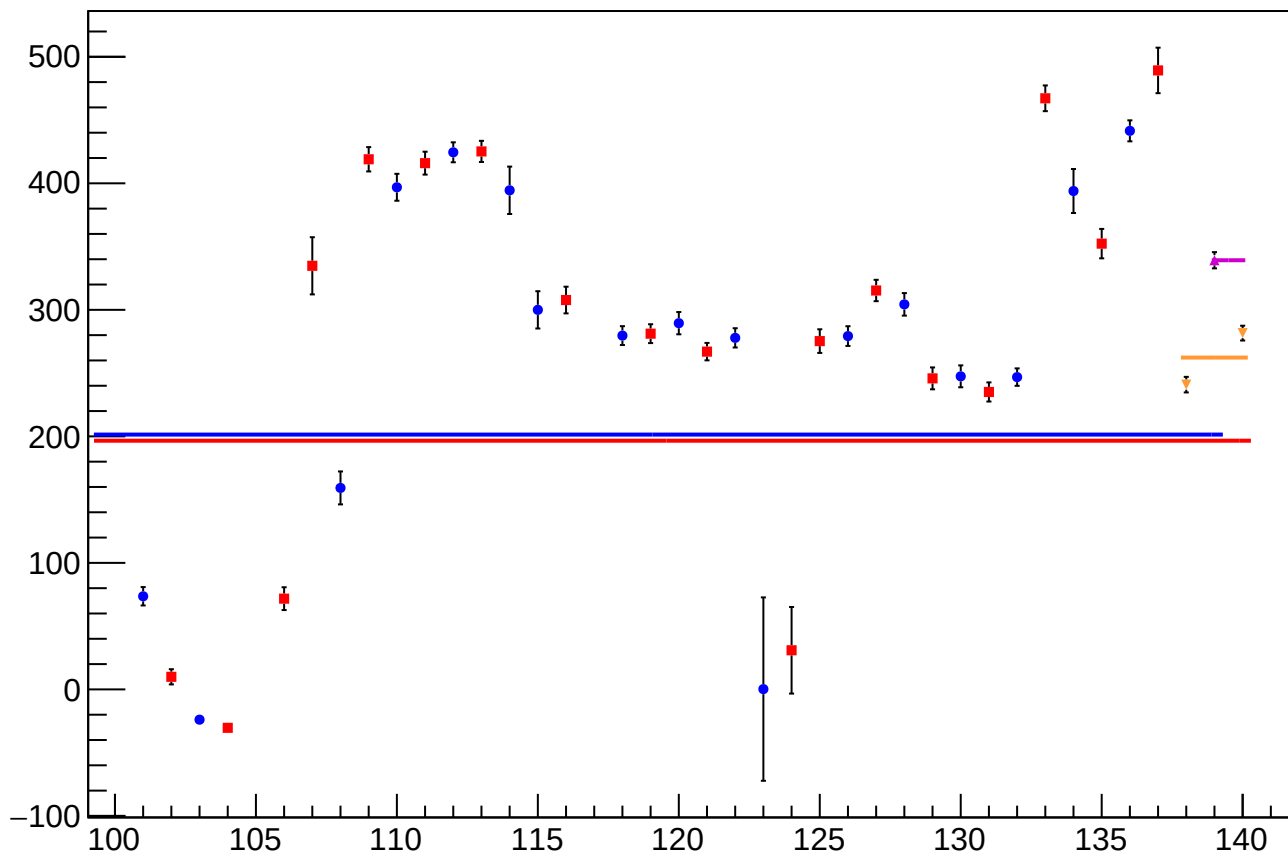
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 4.925 ± 1.085 $\chi^2/\text{NDF}: 311.8/17$

Out: 4.185 ± 1.025 $\chi^2/\text{NDF}: 254.1/19$

All: 4.534 ± 0.745 $\chi^2/\text{NDF}: 566.1/37$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407+/-1.974 χ^2/NDF : 6740.4/16

Left Out: 262.286+/-4.241 χ^2/NDF :23.0/1

Right Out: 196.565+/-1.931 χ^2/NDF : 8178.1/17

Left In: 339.193+/-6.408 χ^2/NDF :0.0/0

Left: 285.715+/-3.537 χ^2/NDF : 123.2/2

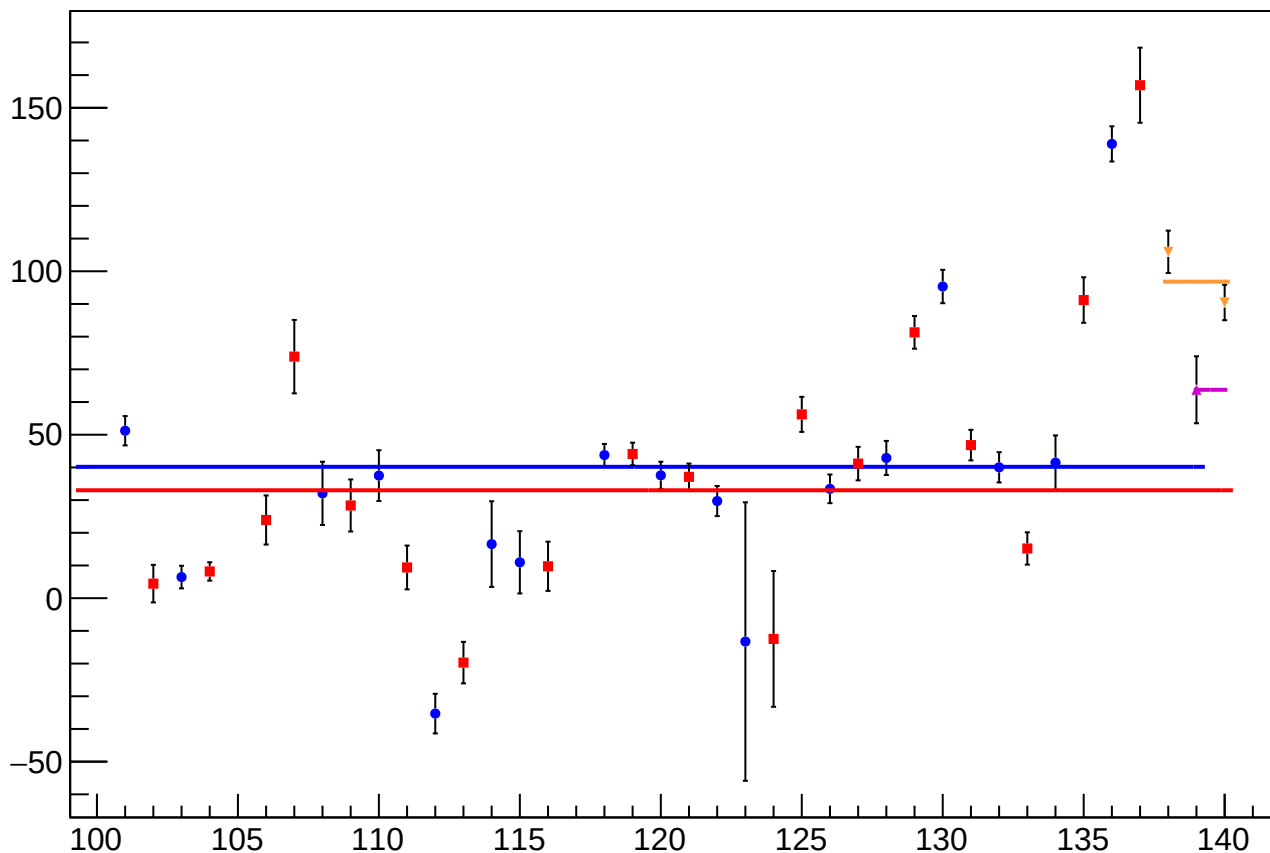
Right: 198.933+/-1.380 χ^2/NDF : 14921.6/34

In: 213.346+/-1.886 χ^2/NDF :7162.7/17

Out: 207.851+/-1.758 χ^2/NDF :8400.0/19

All: 210.405+/-1.286 χ^2/NDF : 15567.2/37

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 96.828 $\pm$ 4.160 χ^2 /NDF:3.4/1

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 63.747 $\pm$ 10.245 χ^2 /NDF:0.0/0

Left: 92.145 $\pm$ 3.855 χ^2 /NDF: 12.3/2

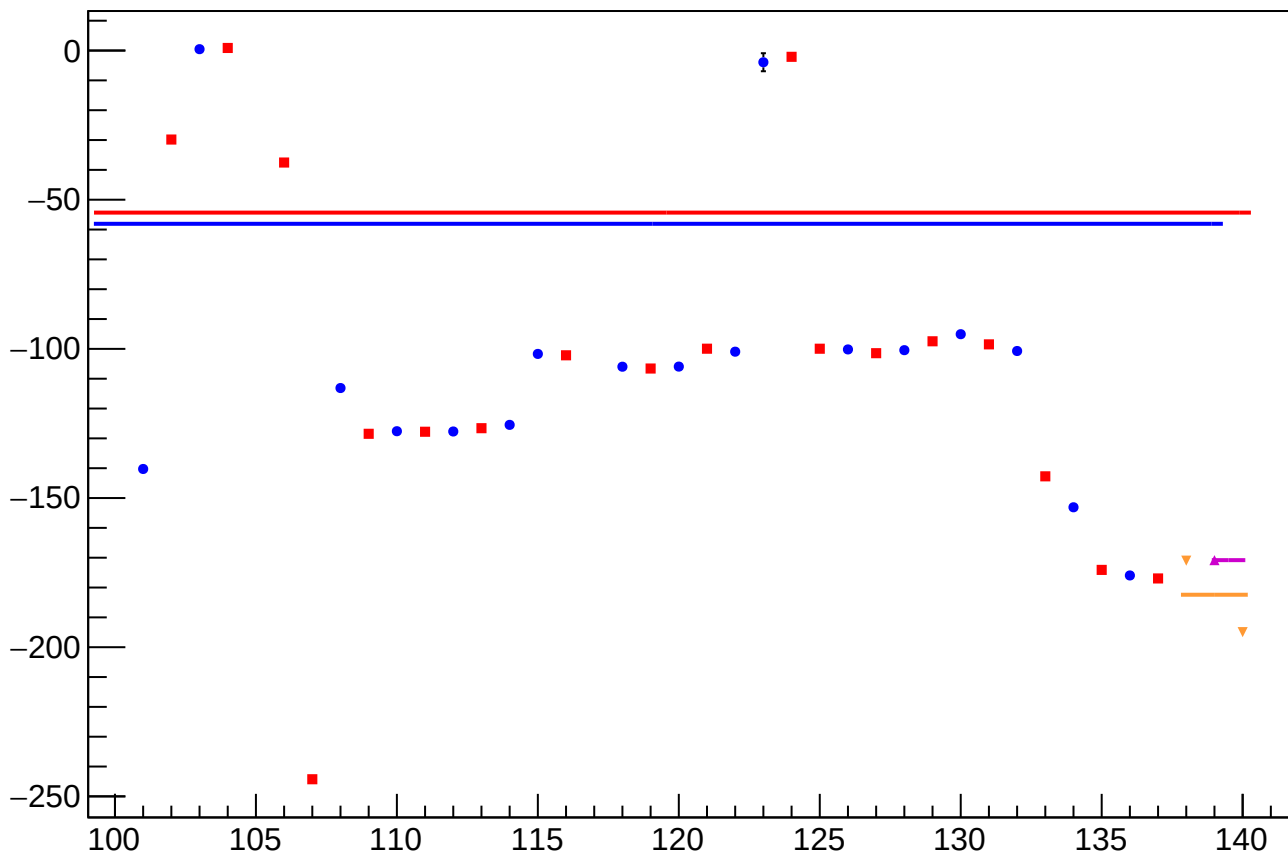
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 40.540 $\pm$ 1.260 χ^2 /NDF:739.2/17

Out: 38.314 $\pm$ 1.200 χ^2 /NDF:766.3/19

All: 39.372 $\pm$ 0.869 χ^2 /NDF: 1507.1/37

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -182.414+/-0.177 χ^2/NDF : 4592.5/1

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -170.817+/-0.225 χ^2/NDF : 0.0/0

Left: -178.001+/-0.139 χ^2/NDF : 6233.4/2

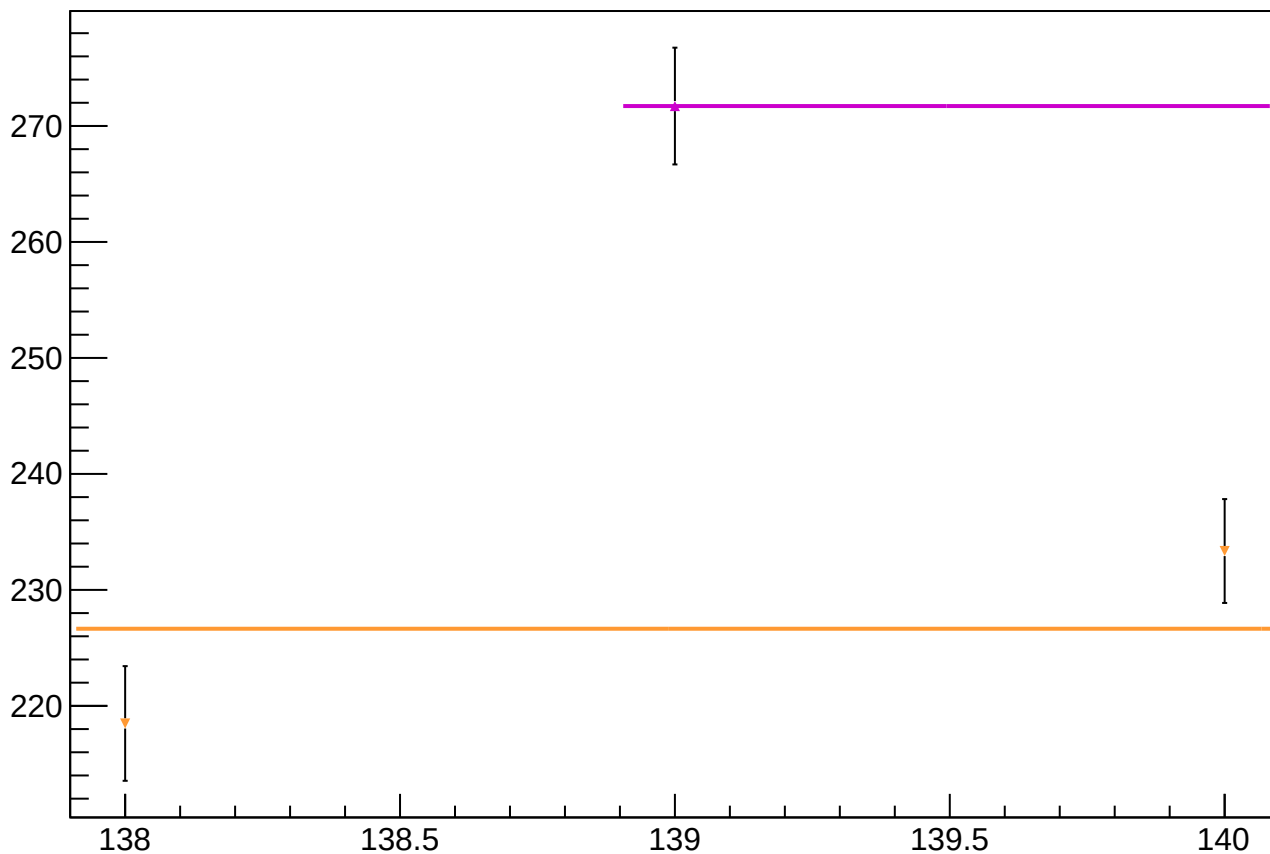
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -65.922+/-0.059 χ^2/NDF : 1337370.6/17

Out: -67.753+/-0.057 χ^2/NDF : 1466559.7/19

All: -66.873+/-0.041 χ^2/NDF : 2804422.8/37

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 226.651+/-3.319 χ^2/NDF : 5.0/1

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

Left In: 271.718+/-5.034 χ^2/NDF : 0.0/0

Left: 240.305+/-2.771 χ^2/NDF : 60.8/2

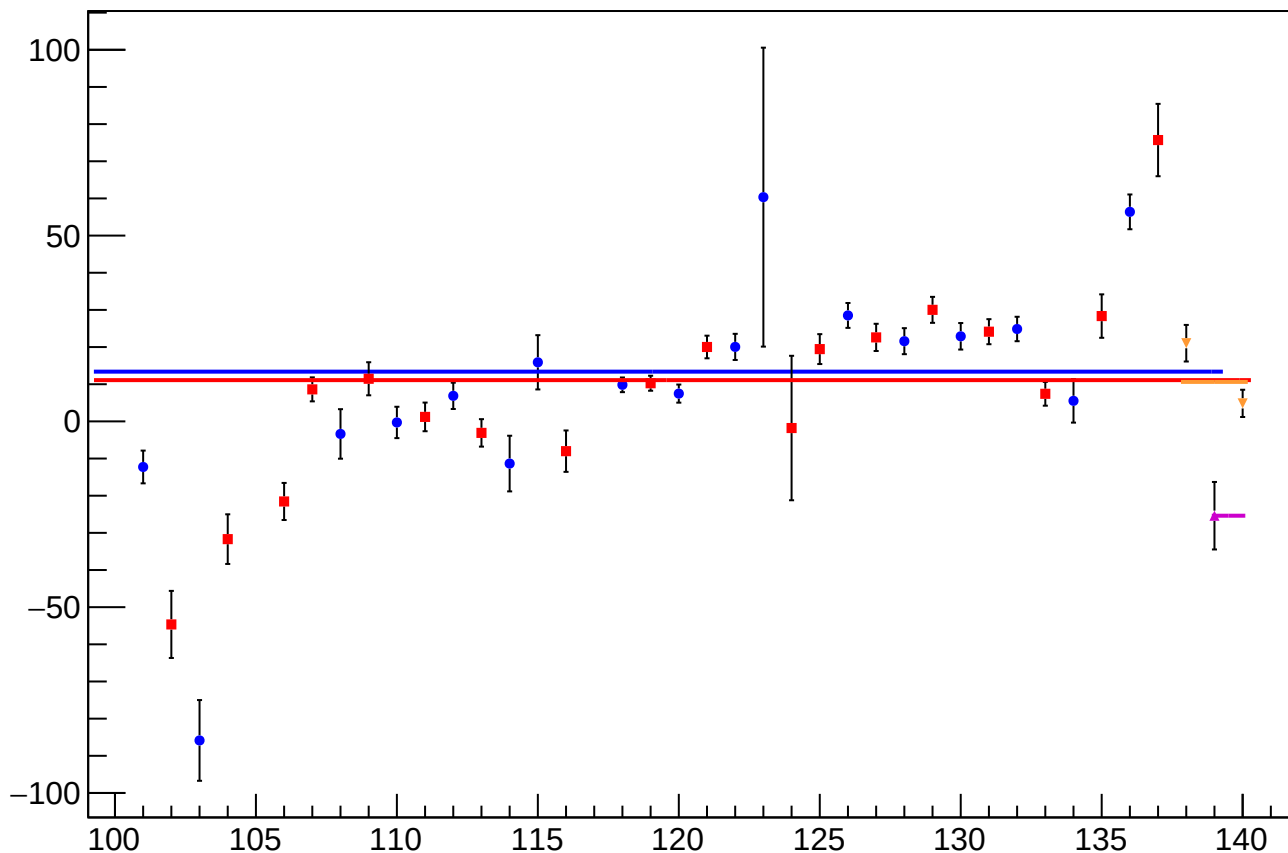
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.718+/-5.034 χ^2/NDF : 0.0/0

Out: 226.651+/-3.319 χ^2/NDF : 5.0/1

All: 240.305+/-2.771 χ^2/NDF : 60.8/2

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 10.625 $\pm$ 2.941 χ^2 /NDF:7.0/1

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: -25.386 $\pm$ 9.084 χ^2 /NDF:0.0/0

Left: 7.208 $\pm$ 2.798 χ^2 /NDF: 21.2/2

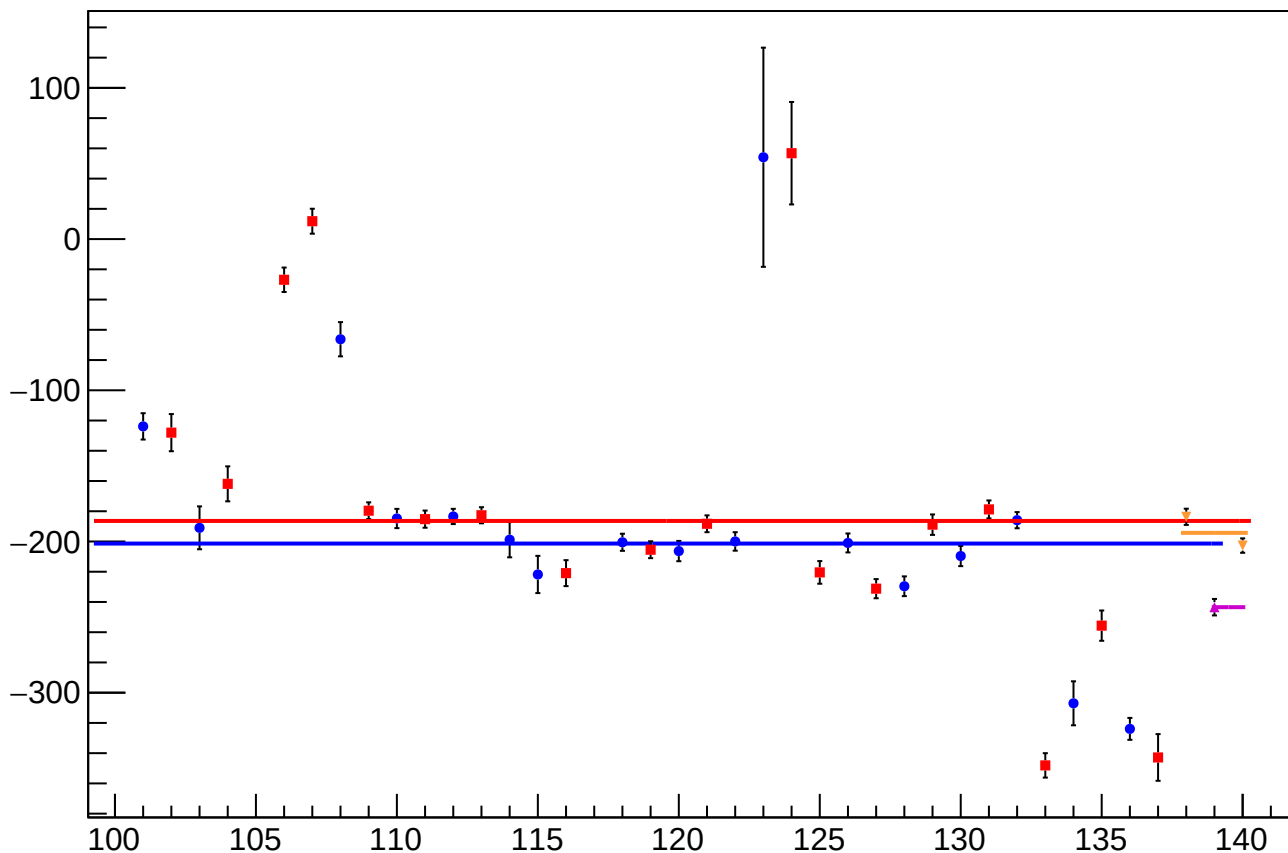
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 12.991 $\pm$ 0.916 χ^2 /NDF:312.1/17

Out: 11.059 $\pm$ 0.874 χ^2 /NDF:299.2/19

All: 11.979 $\pm$ 0.633 χ^2 /NDF: 613.7/37

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -194.295 ± 3.562 χ^2/NDF : 7.0/1

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -243.446 ± 5.449 χ^2/NDF : 0.0/0

Left: -209.013 ± 2.982 χ^2/NDF : 64.0/2

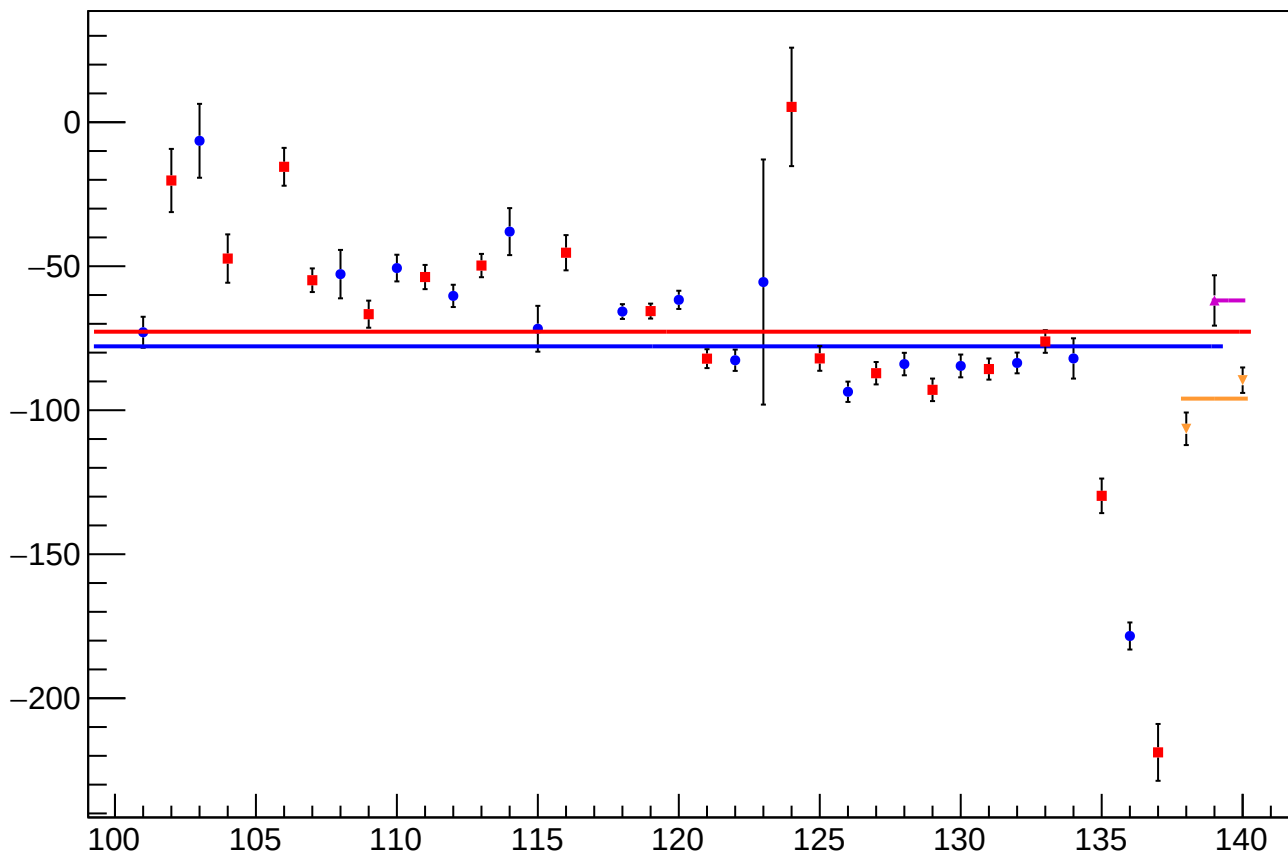
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -205.439 ± 1.695 χ^2/NDF : 678.9/17

Out: -187.877 ± 1.537 χ^2/NDF : 1710.5/19

All: -195.800 ± 1.139 χ^2/NDF : 2448.3/37

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -95.972 ± 3.482 χ^2/NDF : 5.5/1

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -61.881 ± 8.746 χ^2/NDF : 0.0/0

Left: -91.307 ± 3.235 χ^2/NDF : 18.6/2

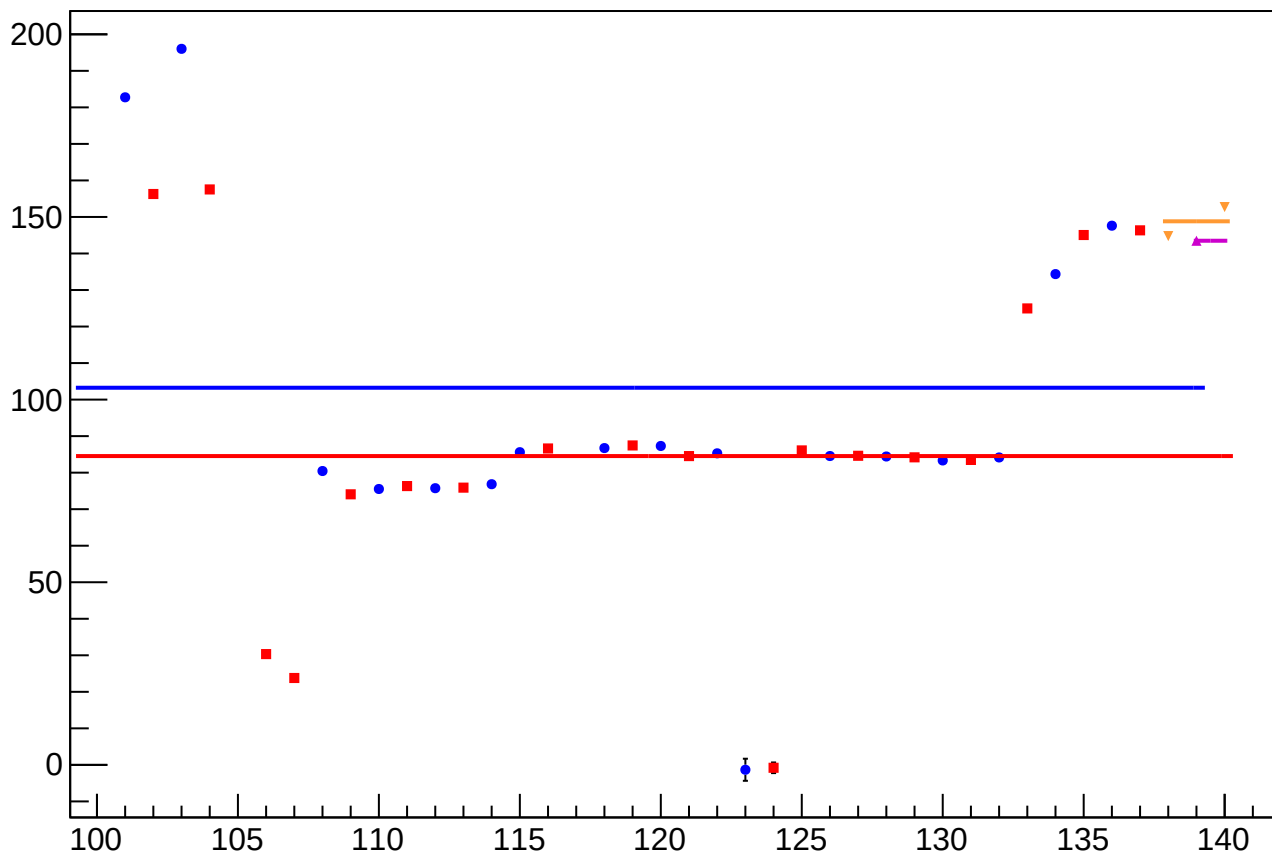
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.584 ± 1.060 χ^2/NDF : 659.6/17

Out: -74.683 ± 1.008 χ^2/NDF : 645.3/19

All: -76.061 ± 0.731 χ^2/NDF : 1308.9/37

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247+/-0.070 χ^2/NDF : 273390.3/16

Left Out: 148.809+/-0.149 χ^2/NDF : 714.1/1

Right Out: 84.542+/-0.064 χ^2/NDF : 411395.0/17

Left In: 143.488+/-0.192 χ^2/NDF : 0.0/0

Left: 146.819+/-0.118 χ^2/NDF : 1193.2/2

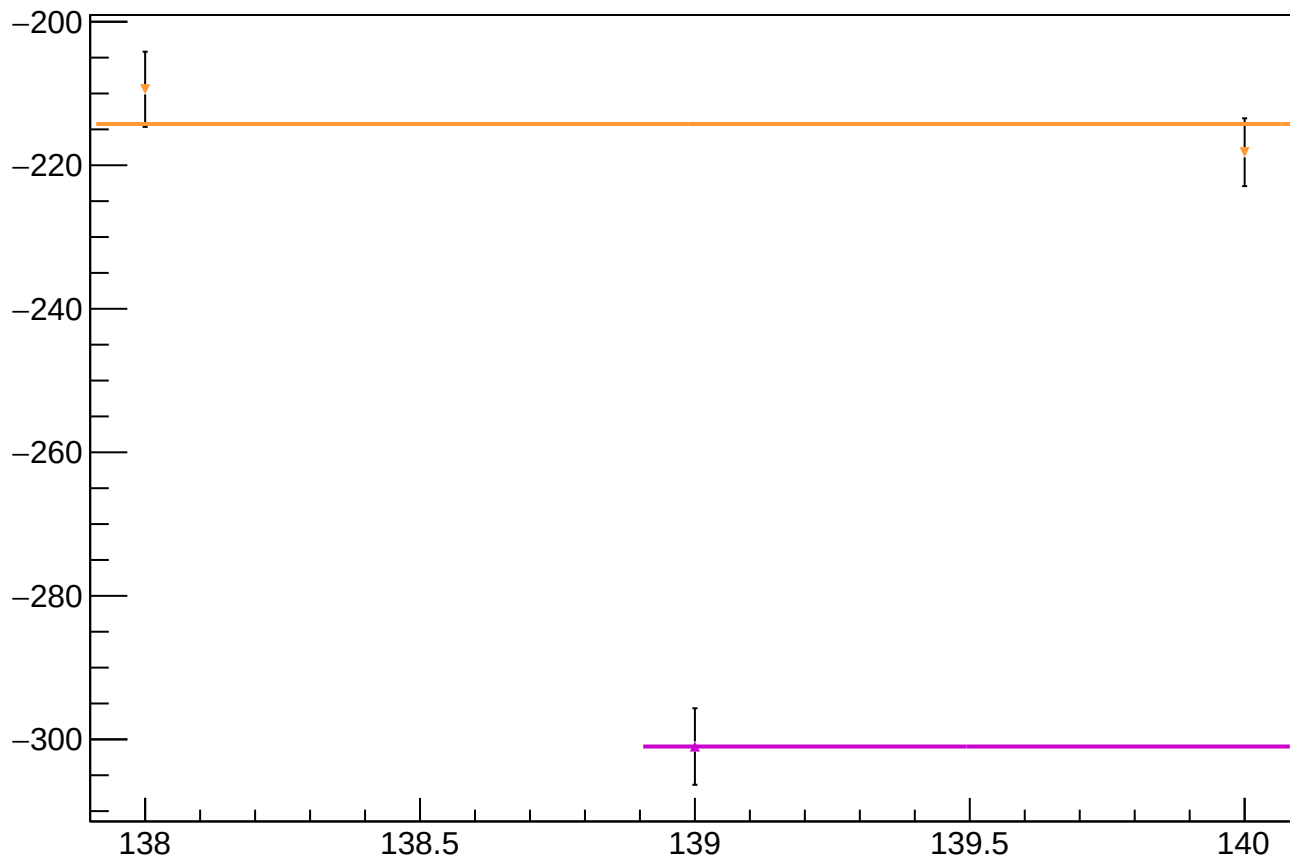
Right: 92.986+/-0.047 χ^2/NDF : 723450.6/34

In: 108.010+/-0.066 χ^2/NDF : 311997.4/17

Out: 94.569+/-0.059 χ^2/NDF : 569860.4/19

All: 100.492+/-0.044 χ^2/NDF : 904948.1/37

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -214.247+/-3.509 χ^2/NDF : 1.5/1

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

Left In: -300.996+/-5.334 χ^2/NDF : 0.0/0

Left: -240.453+/-2.932 χ^2/NDF : 186.2/2

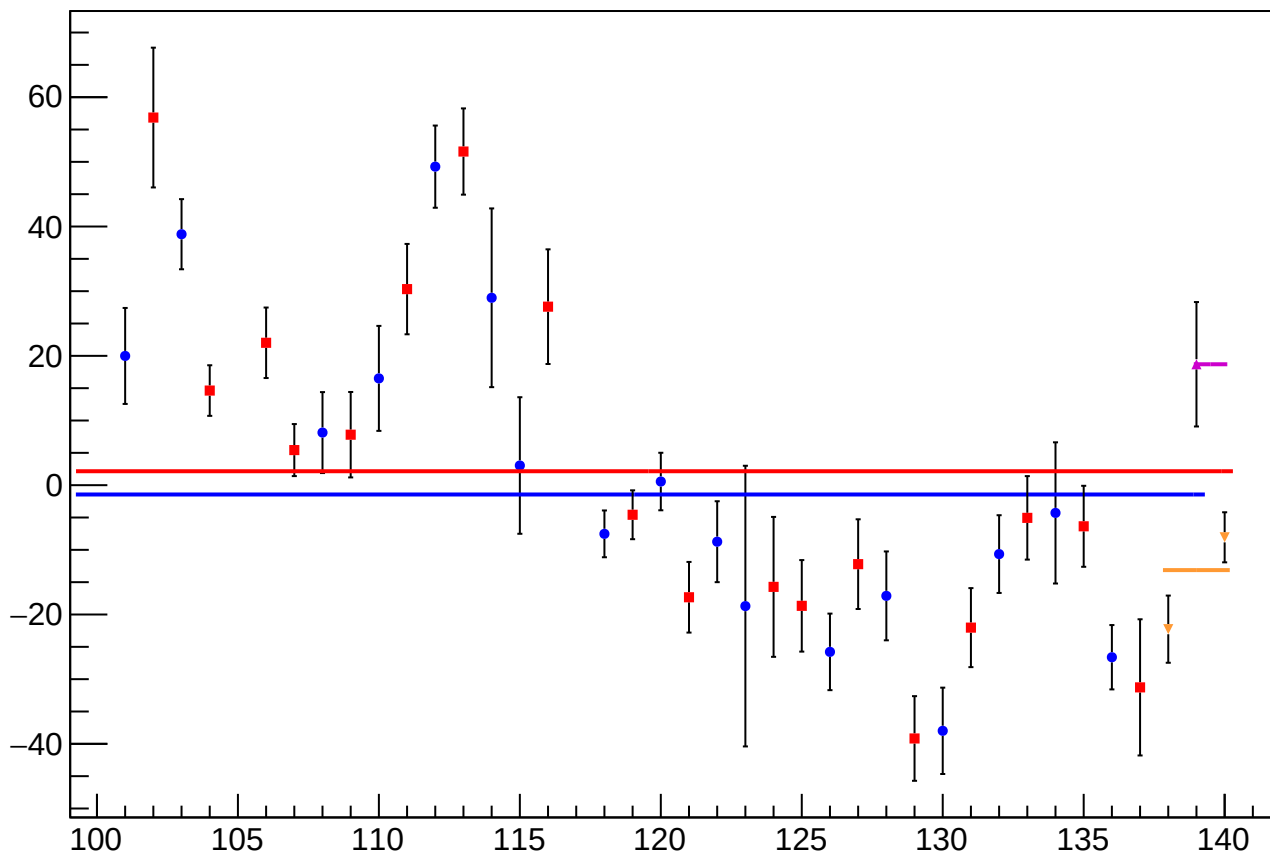
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -300.996+/-5.334 χ^2/NDF : 0.0/0

Out: -214.247+/-3.509 χ^2/NDF : 1.5/1

All: -240.453+/-2.932 χ^2/NDF : 186.2/2

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: -13.134 ± 3.104 χ^2/NDF : 4.8/1

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 18.698 ± 9.622 χ^2/NDF : 0.0/0

Left: -10.133 ± 2.954 χ^2/NDF : 14.7/2

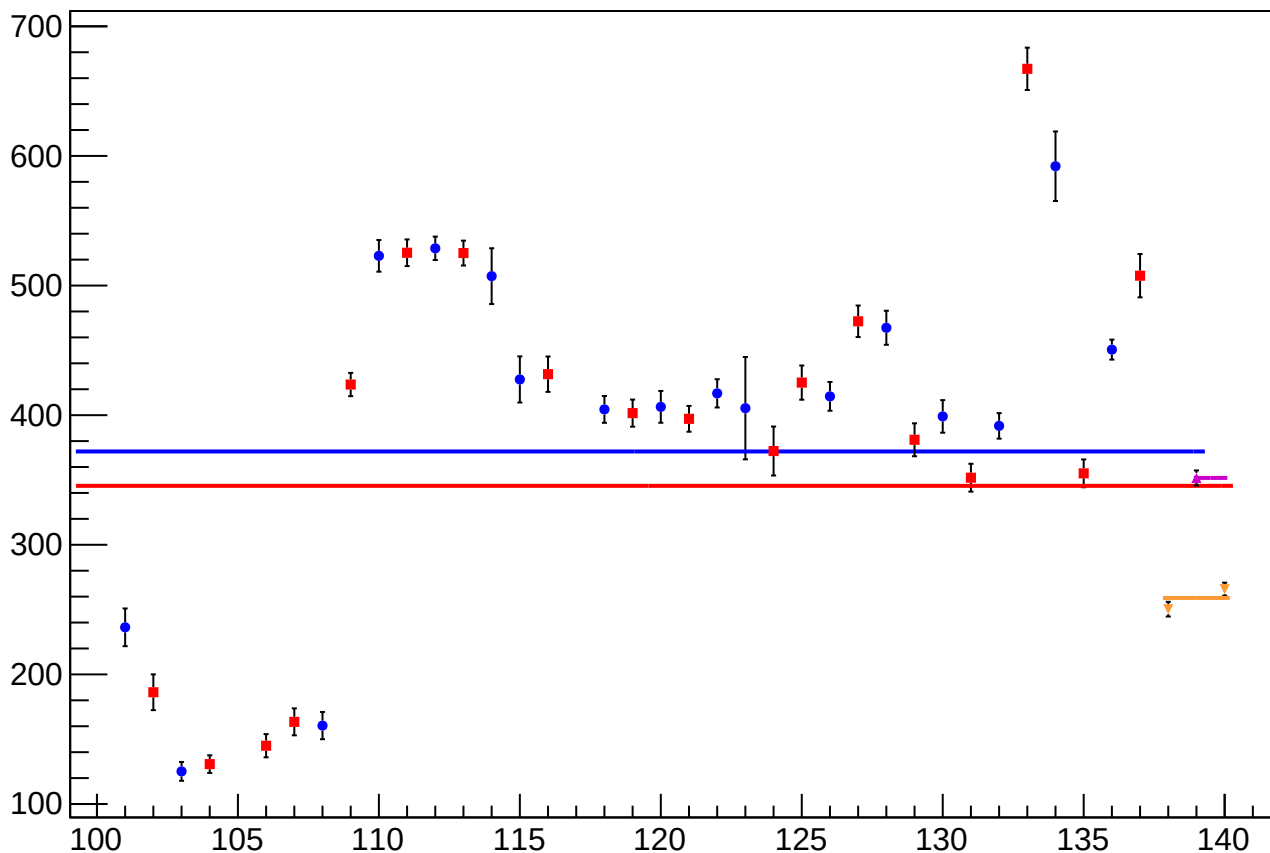
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: -0.952 ± 1.498 χ^2/NDF : 228.7/17

Out: -0.431 ± 1.277 χ^2/NDF : 255.1/19

All: -0.650 ± 0.972 χ^2/NDF : 483.9/37

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2/NDF : 2431.2/16

Left Out: 258.973 $\pm$ 3.766 χ^2/NDF : 4.1/1

Right Out: 345.473 $\pm$ 2.564 χ^2/NDF : 3401.6/17

Left In: 351.585 $\pm$ 5.774 χ^2/NDF : 0.0/0

Left: 286.612 $\pm$ 3.154 χ^2/NDF : 184.6/2

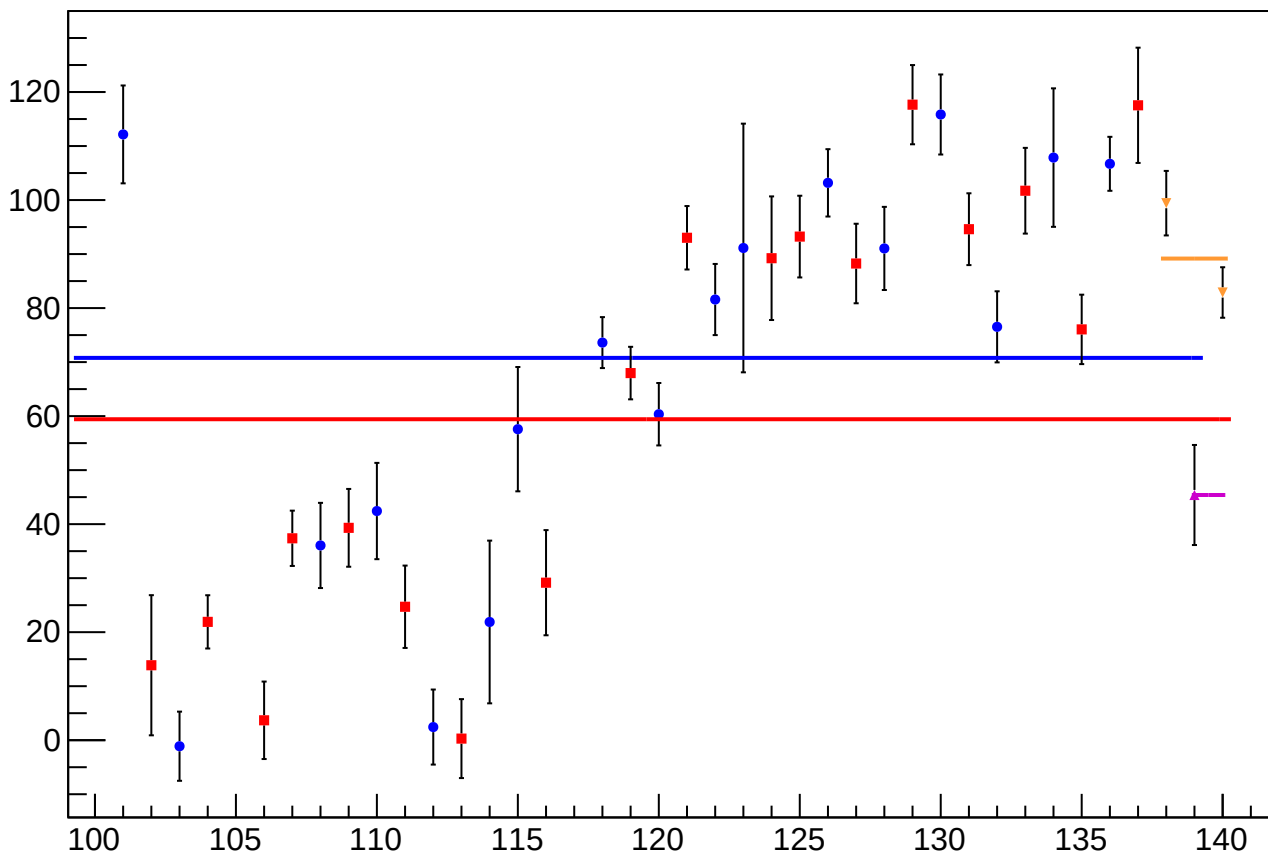
Right: 357.739 $\pm$ 1.880 χ^2/NDF : 5882.3/34

In: 368.190 $\pm$ 2.494 χ^2/NDF : 2441.4/17

Out: 318.072 $\pm$ 2.120 χ^2/NDF : 3766.2/19

All: 339.095 $\pm$ 1.615 χ^2/NDF : 6442.1/37

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2/NDF : 423.9/16

Left Out: 89.167 $\pm$ 3.681 χ^2/NDF : 4.8/1

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 45.396 $\pm$ 9.263 χ^2/NDF : 0.0/0

Left: 83.197 $\pm$ 3.421 χ^2/NDF : 24.0/2

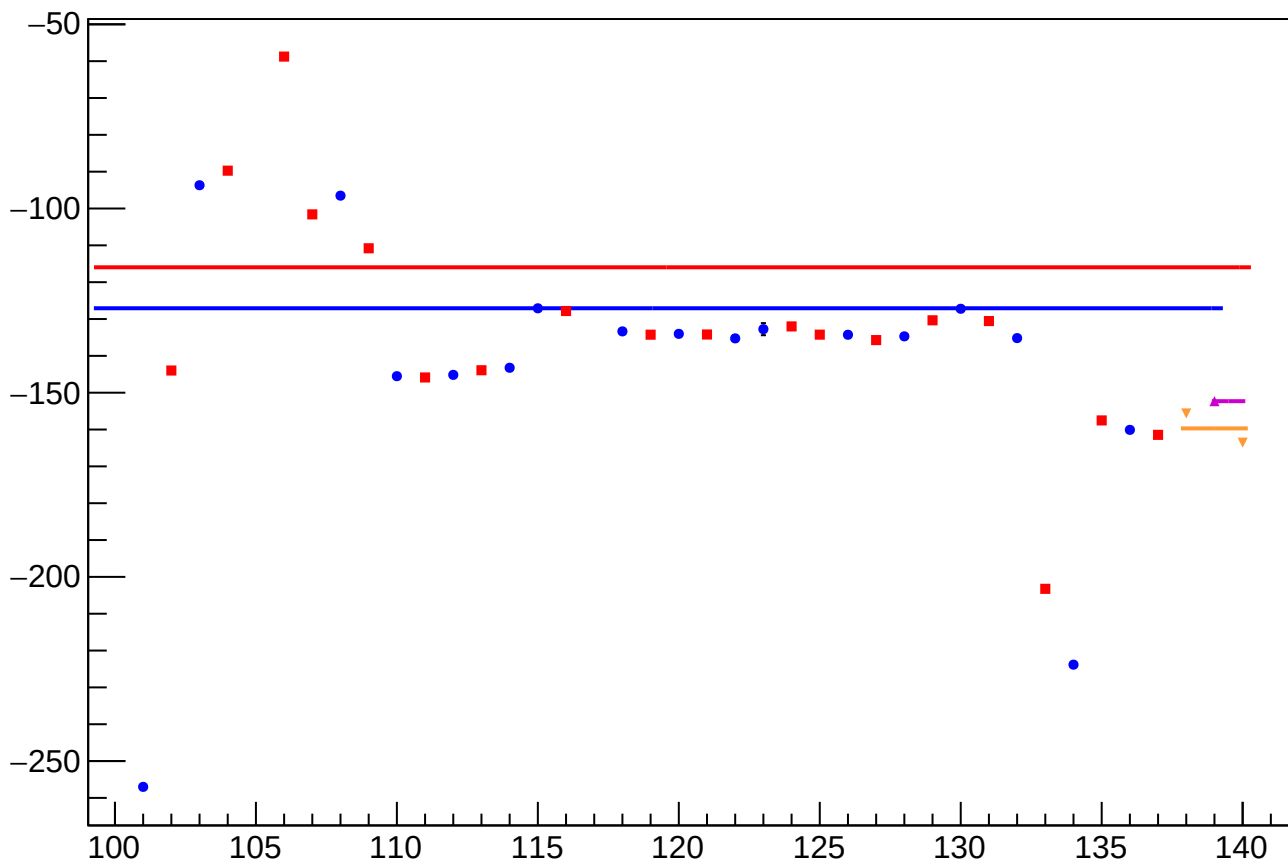
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 69.909 $\pm$ 1.716 χ^2/NDF : 431.2/17

Out: 64.308 $\pm$ 1.492 χ^2/NDF : 545.9/19

All: 66.718 $\pm$ 1.126 χ^2/NDF : 983.2/37

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -159.696+/-0.158 χ^2/NDF : 635.0/1

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -152.302+/-0.204 χ^2/NDF : 0.0/0

Left: -156.927+/-0.125 χ^2/NDF : 1459.7/2

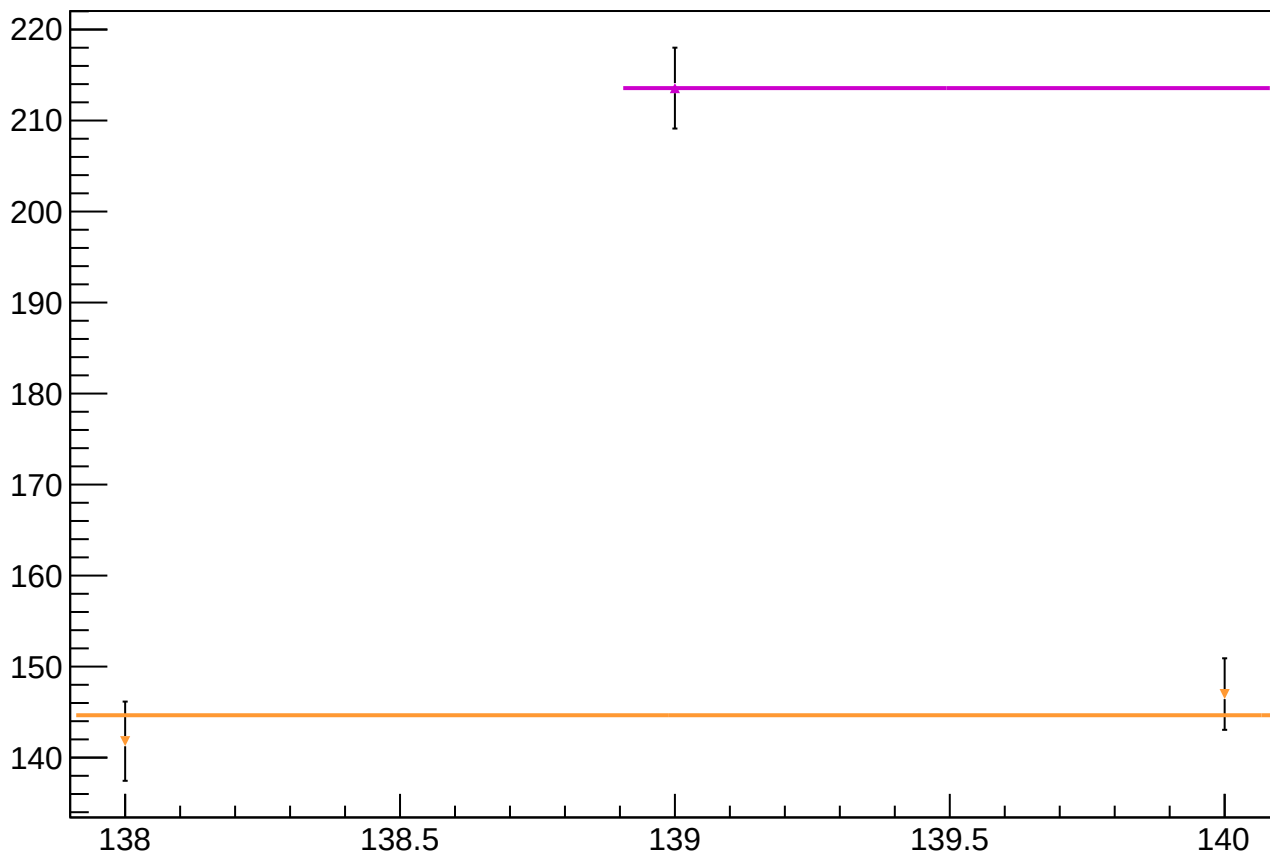
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -131.162+/-0.082 χ^2/NDF : 179887.9/17

Out: -125.463+/-0.073 χ^2/NDF : 219931.7/19

All: -128.001+/-0.055 χ^2/NDF : 402501.5/37

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 144.655 $\pm$ 2.917 χ^2/NDF : 0.8/1

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

Left In: 213.562 $\pm$ 4.443 χ^2/NDF : 0.0/0

Left: 165.407 $\pm$ 2.438 χ^2/NDF : 168.9/2

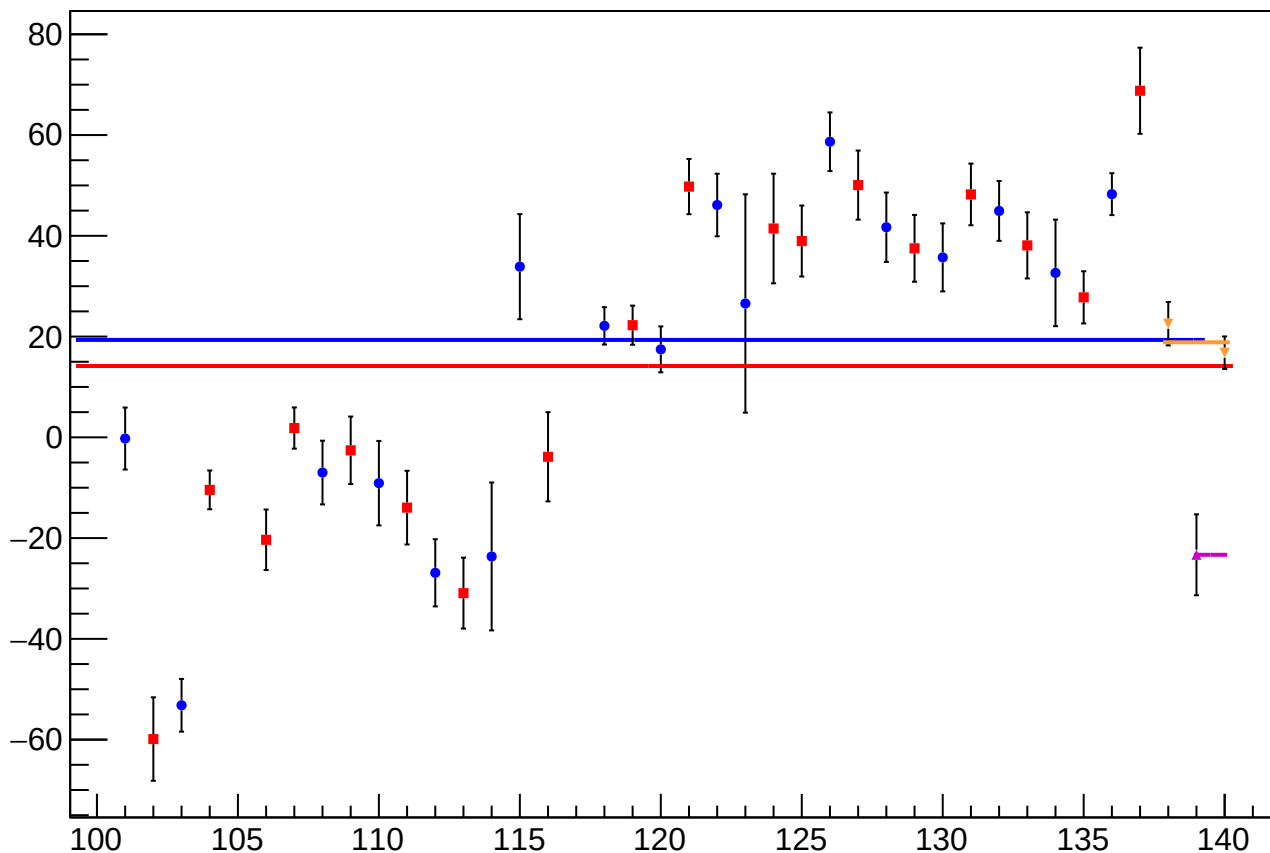
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 213.562 $\pm$ 4.443 χ^2/NDF : 0.0/0

Out: 144.655 $\pm$ 2.917 χ^2/NDF : 0.8/1

All: 165.407 $\pm$ 2.438 χ^2/NDF : 168.9/2

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: 18.867 $\pm$ 2.580 χ^2 /NDF:1.1/1

Right Out: 14.162 $\pm$ 1.391 χ^2 /NDF: 426.0/17

Left In: -23.313 $\pm$ 8.033 χ^2 /NDF:0.0/0

Left: 14.922 $\pm$ 2.457 χ^2 /NDF: 26.1/2

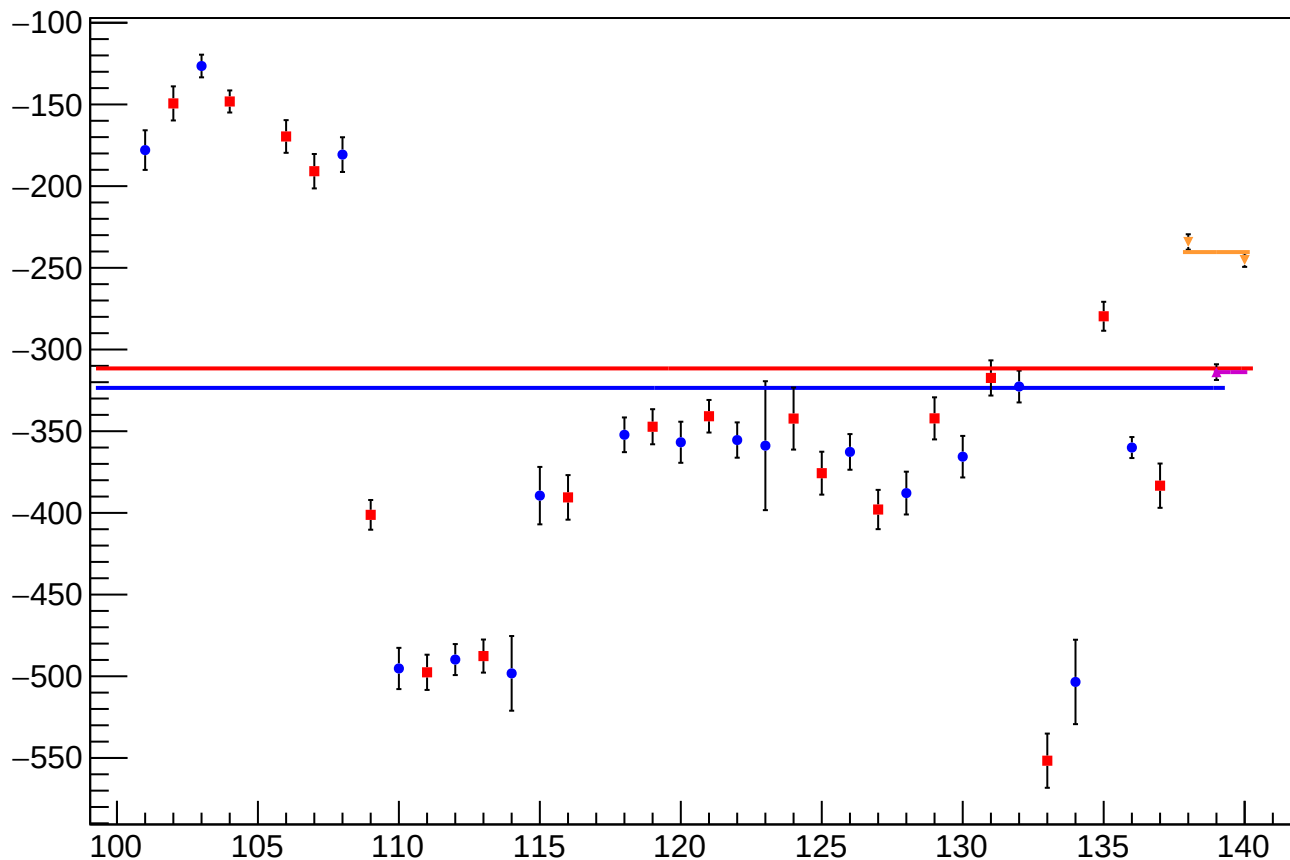
Right: 16.585 $\pm$ 1.014 χ^2 /NDF: 872.4/34

In: 17.932 $\pm$ 1.458 χ^2 /NDF:467.1/17

Out: 15.221 $\pm$ 1.225 χ^2 /NDF:429.8/19

All: 16.343 $\pm$ 0.938 χ^2 /NDF: 898.9/37

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -240.365 $\pm$ 3.131 χ^2 /NDF:3.1/1

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -313.839 $\pm$ 4.808 χ^2 /NDF:0.0/0

Left: -262.238 $\pm$ 2.624 χ^2 /NDF: 167.1/2

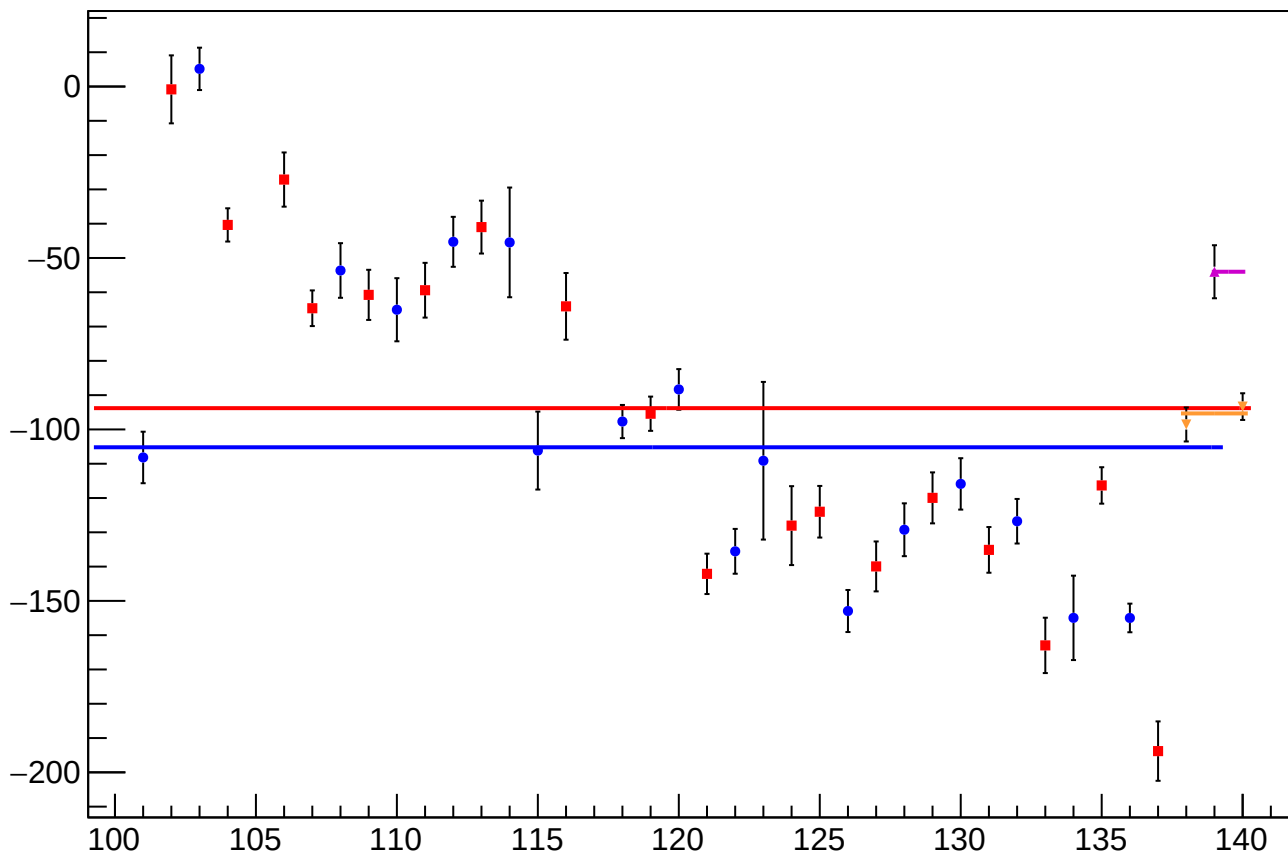
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -321.213 $\pm$ 2.336 χ^2 /NDF:1850.6/17

Out: -283.481 $\pm$ 1.966 χ^2 /NDF:2560.1/19

All: -299.128 $\pm$ 1.504 χ^2 /NDF: 4563.5/37

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203+/-1.697 χ^2/NDF : 735.6/16

Left Out: -95.333+/-3.059 χ^2/NDF : 0.7/1

Right Out: -93.793+/-1.611 χ^2/NDF : 815.4/17

Left In: -54.015+/-7.735 χ^2/NDF : 0.0/0

Left: -89.744+/-2.845 χ^2/NDF : 25.4/2

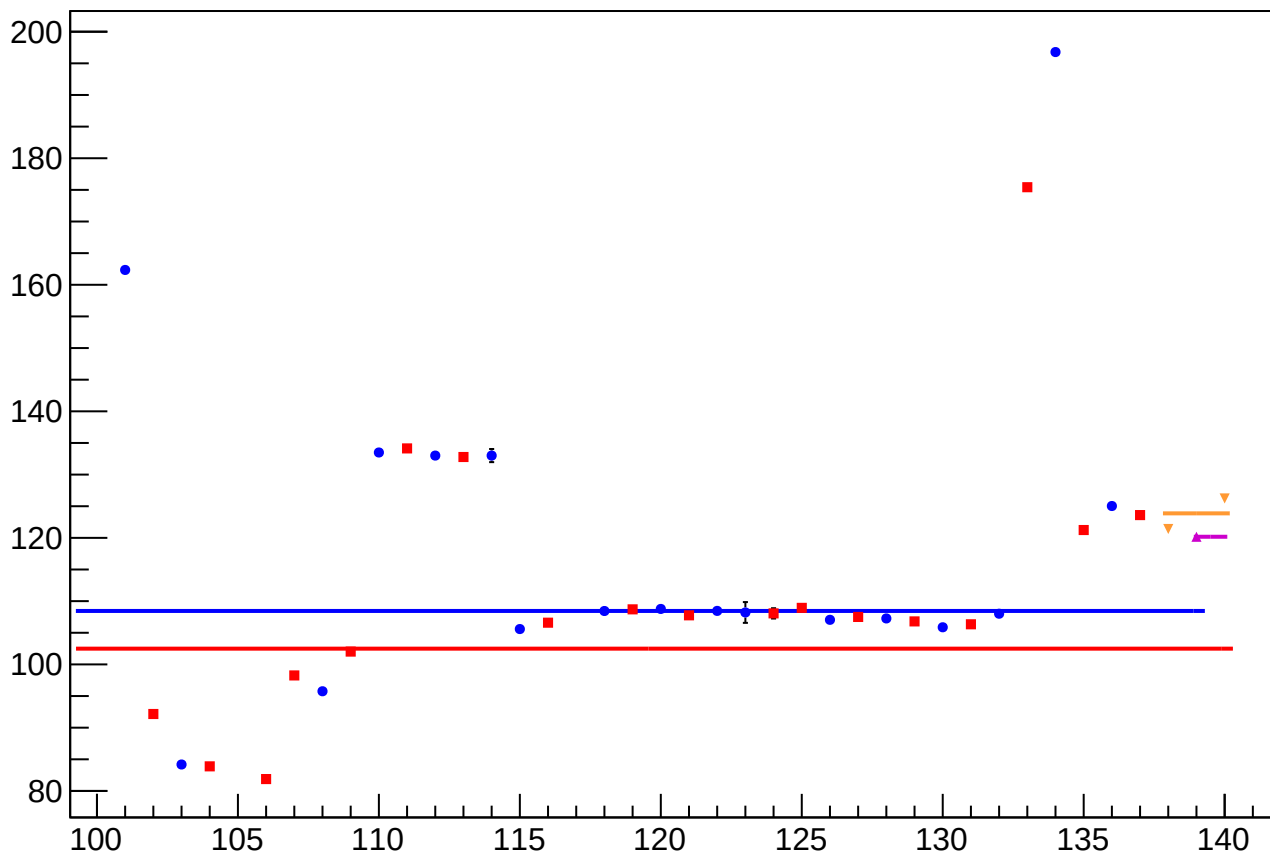
Right: -99.203+/-1.168 χ^2/NDF : 1574.8/34

In: -102.853+/-1.657 χ^2/NDF : 777.4/17

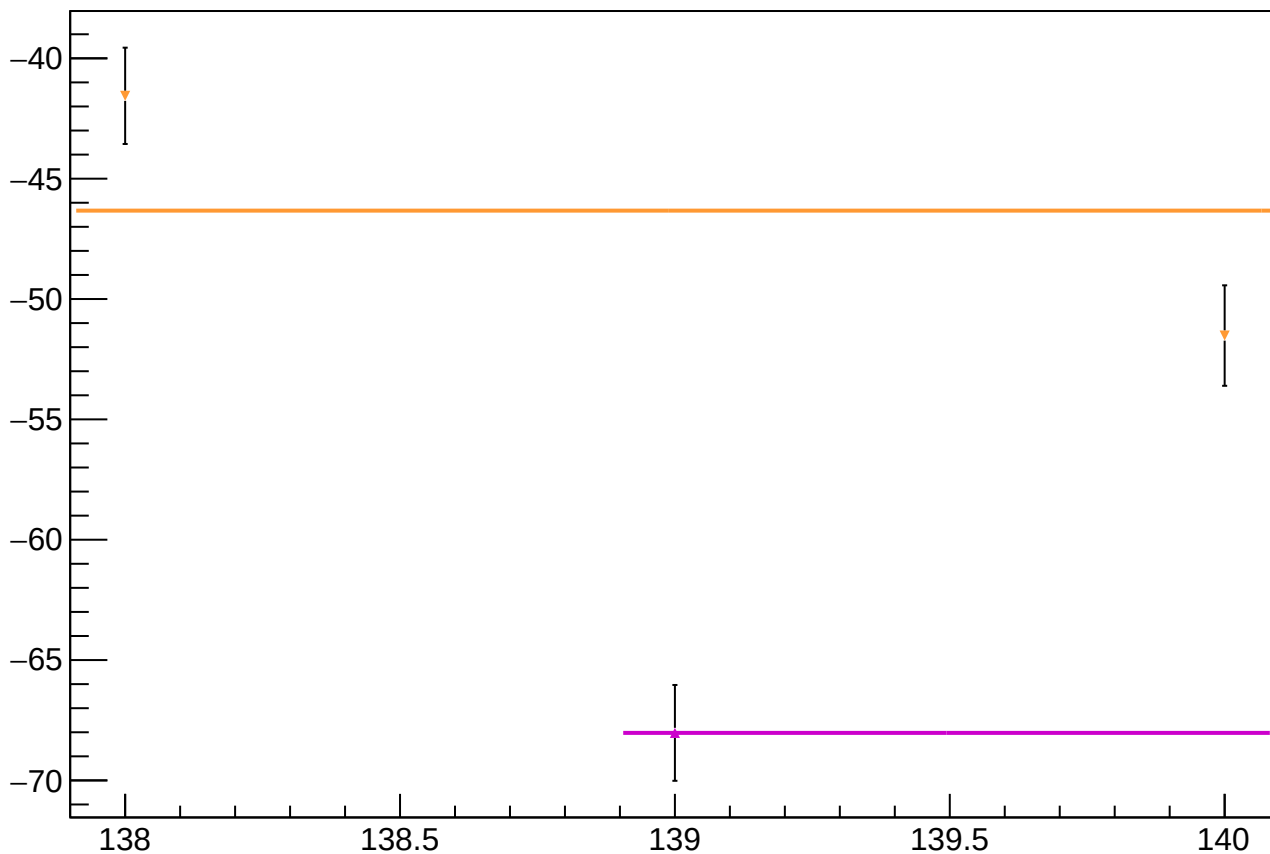
Out: -94.128+/-1.426 χ^2/NDF : 816.3/19

All: -97.838+/-1.081 χ^2/NDF : 1609.6/37

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -46.327+/-1.444 χ^2/NDF :11.9/1

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

Left In: -68.026+/-1.991 χ^2/NDF :0.0/0

Left: -53.811+/-1.169 χ^2/NDF : 89.7/2

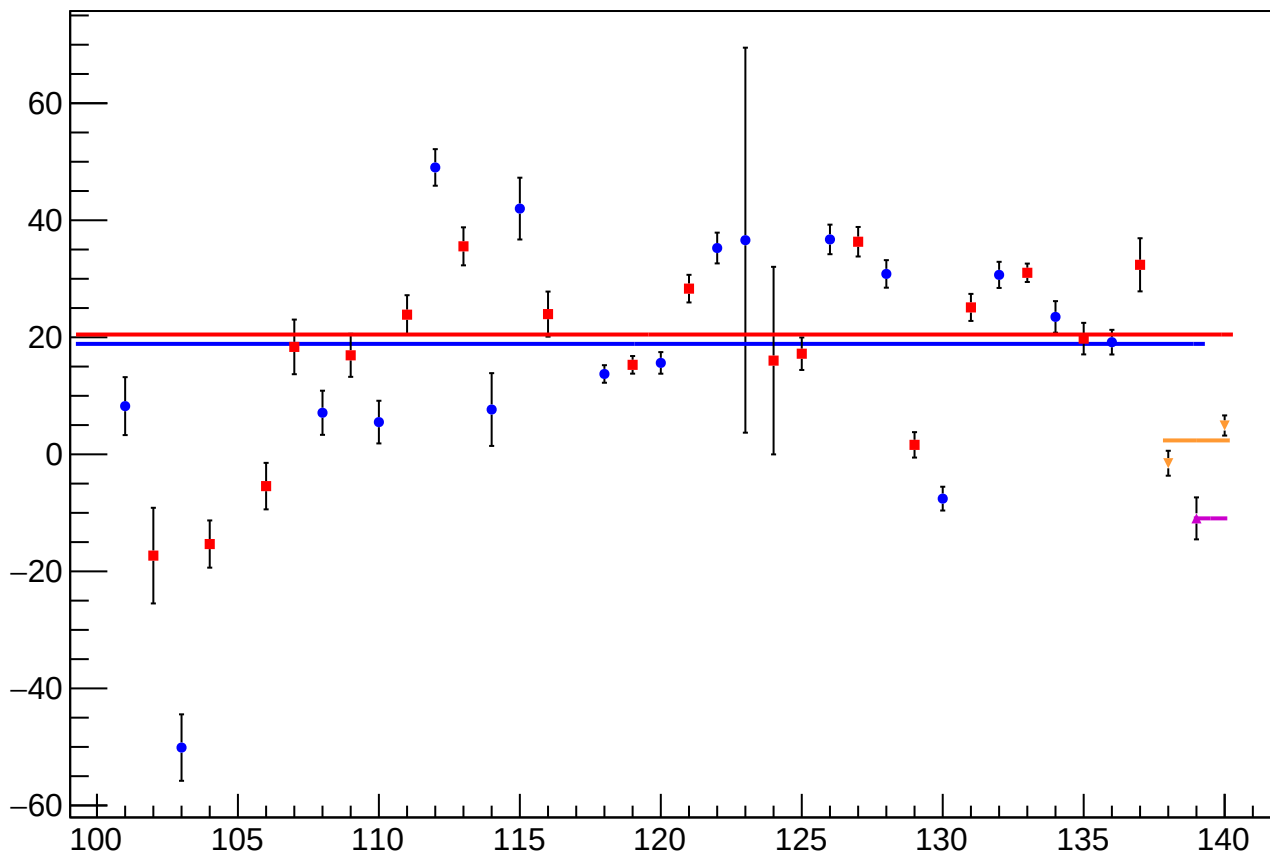
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.026+/-1.991 χ^2/NDF :0.0/0

Out: -46.327+/-1.444 χ^2/NDF :11.9/1

All: -53.811+/-1.169 χ^2/NDF : 89.7/2

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 2.377+/-1.340 χ^2/NDF : 5.5/1

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: -10.944+/-3.588 χ^2/NDF : 0.0/0

Left: 0.747+/-1.255 χ^2/NDF : 17.6/2

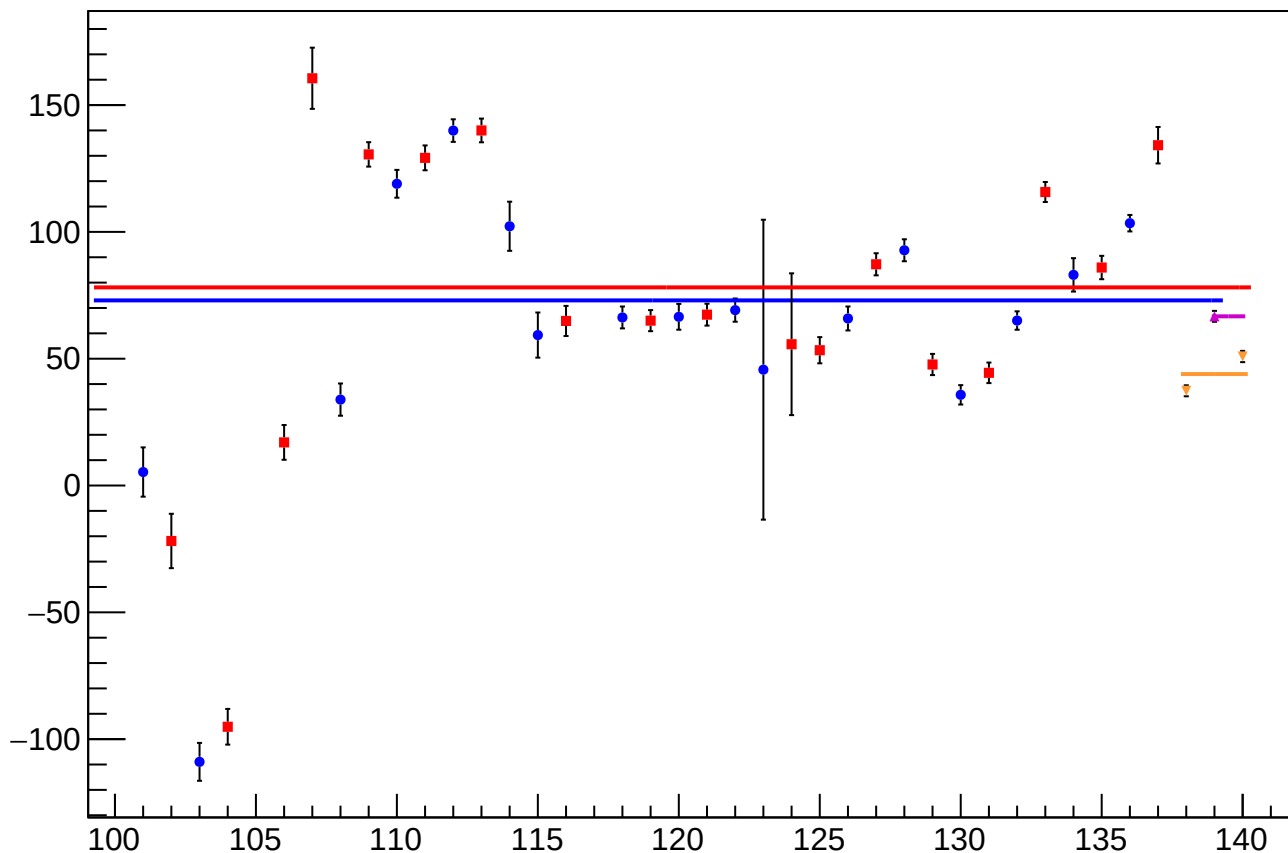
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 17.944+/-0.634 χ^2/NDF : 687.4/17

Out: 17.081+/-0.580 χ^2/NDF : 516.2/19

All: 17.474+/-0.428 χ^2/NDF : 1204.7/37

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 43.946 $\pm$ 1.553 χ^2 /NDF:18.9/1

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 66.706 $\pm$ 2.155 χ^2 /NDF:0.0/0

Left: 51.725 $\pm$ 1.260 χ^2 /NDF: 92.3/2

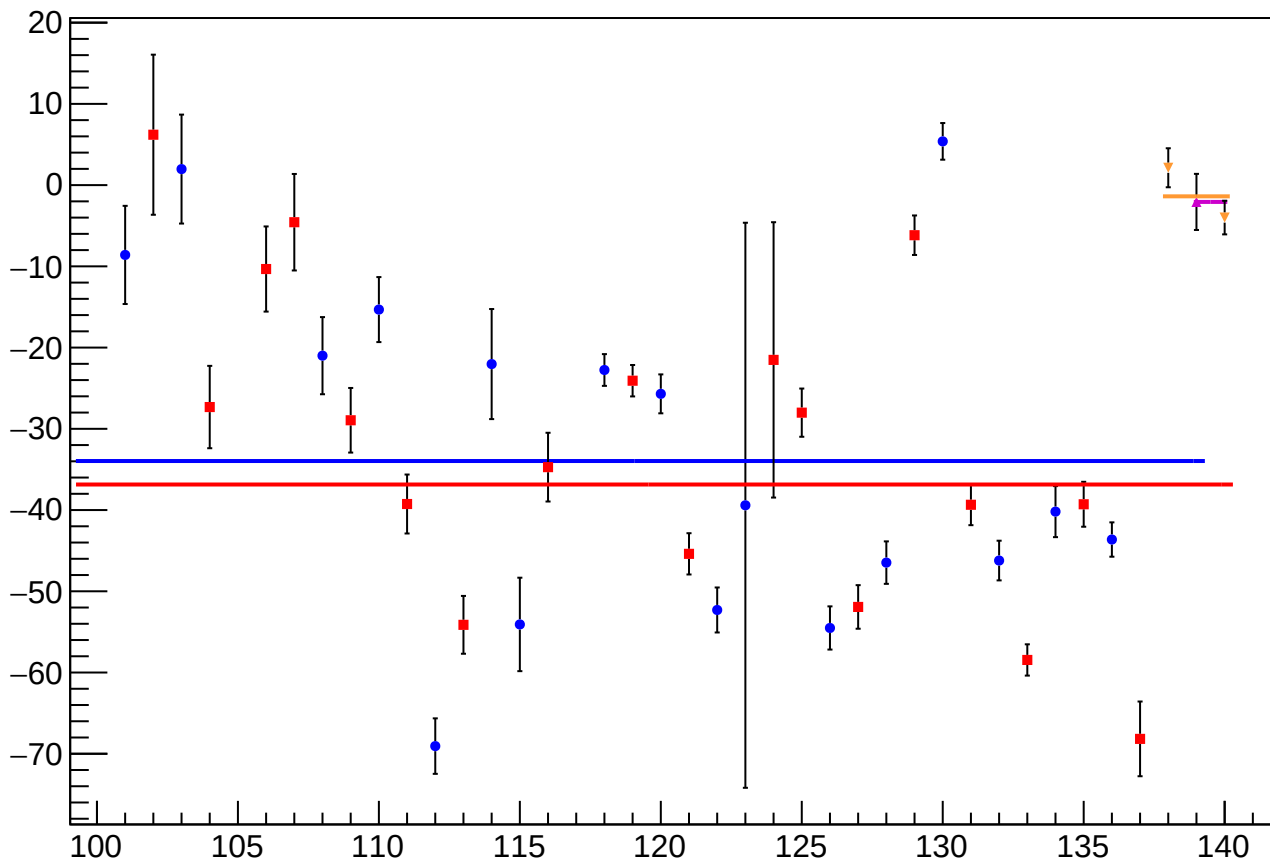
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 71.447 $\pm$ 1.068 χ^2 /NDF:1211.9/17

Out: 65.026 $\pm$ 0.961 χ^2 /NDF:1864.4/19

All: 67.899 $\pm$ 0.715 χ^2 /NDF: 3096.3/37

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -1.382 ± 1.568 χ^2/NDF : 3.7/1

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -2.069 ± 3.454 χ^2/NDF : 0.0/0

Left: -1.499 ± 1.427 χ^2/NDF : 3.8/2

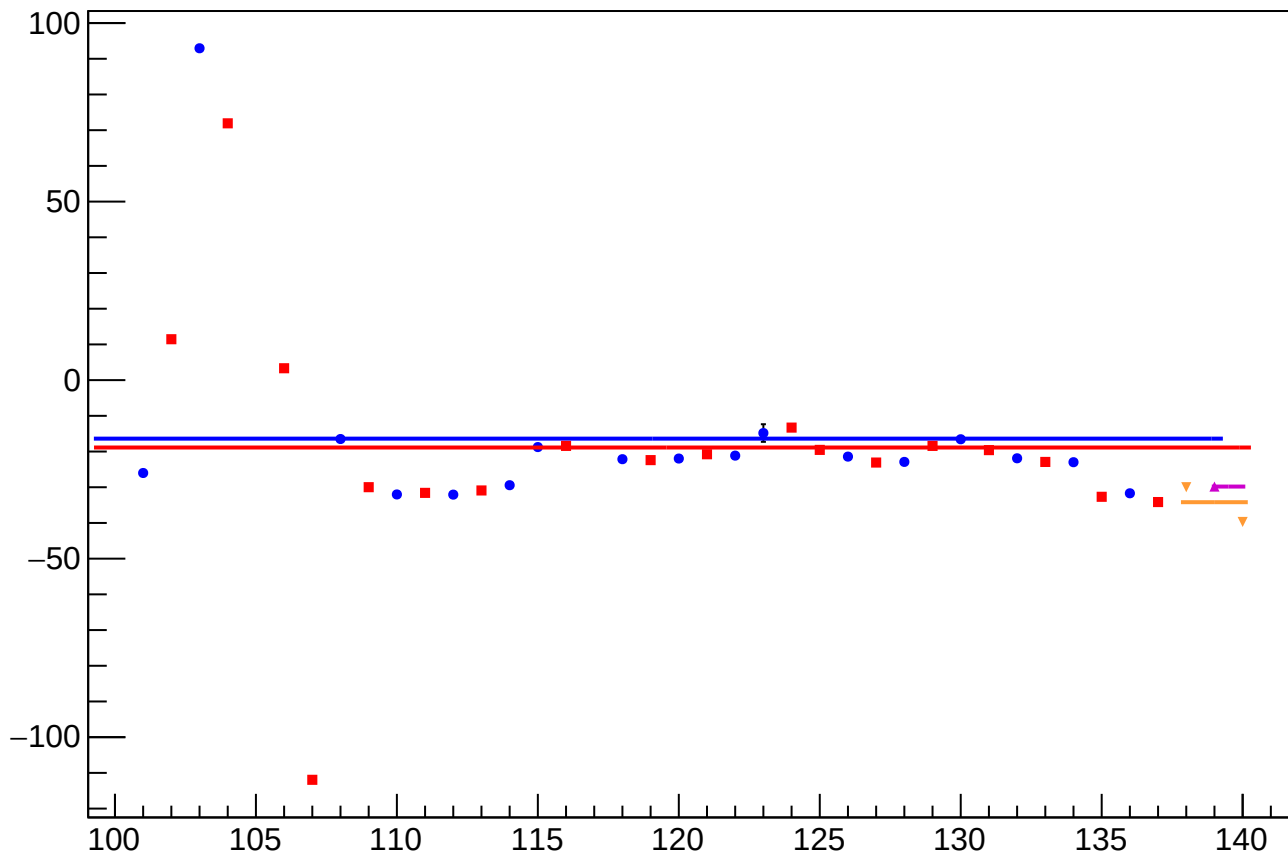
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -32.573 ± 0.721 χ^2/NDF : 803.5/17

Out: -30.435 ± 0.667 χ^2/NDF : 958.5/19

All: -31.421 ± 0.490 χ^2/NDF : 1766.7/37

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -34.188 ± 0.064 $\chi^2/\text{NDF}: 5722.6/1$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -29.811 ± 0.076 $\chi^2/\text{NDF}: 0.0/0$

Left: -32.379 ± 0.049 $\chi^2/\text{NDF}: 7674.6/2$

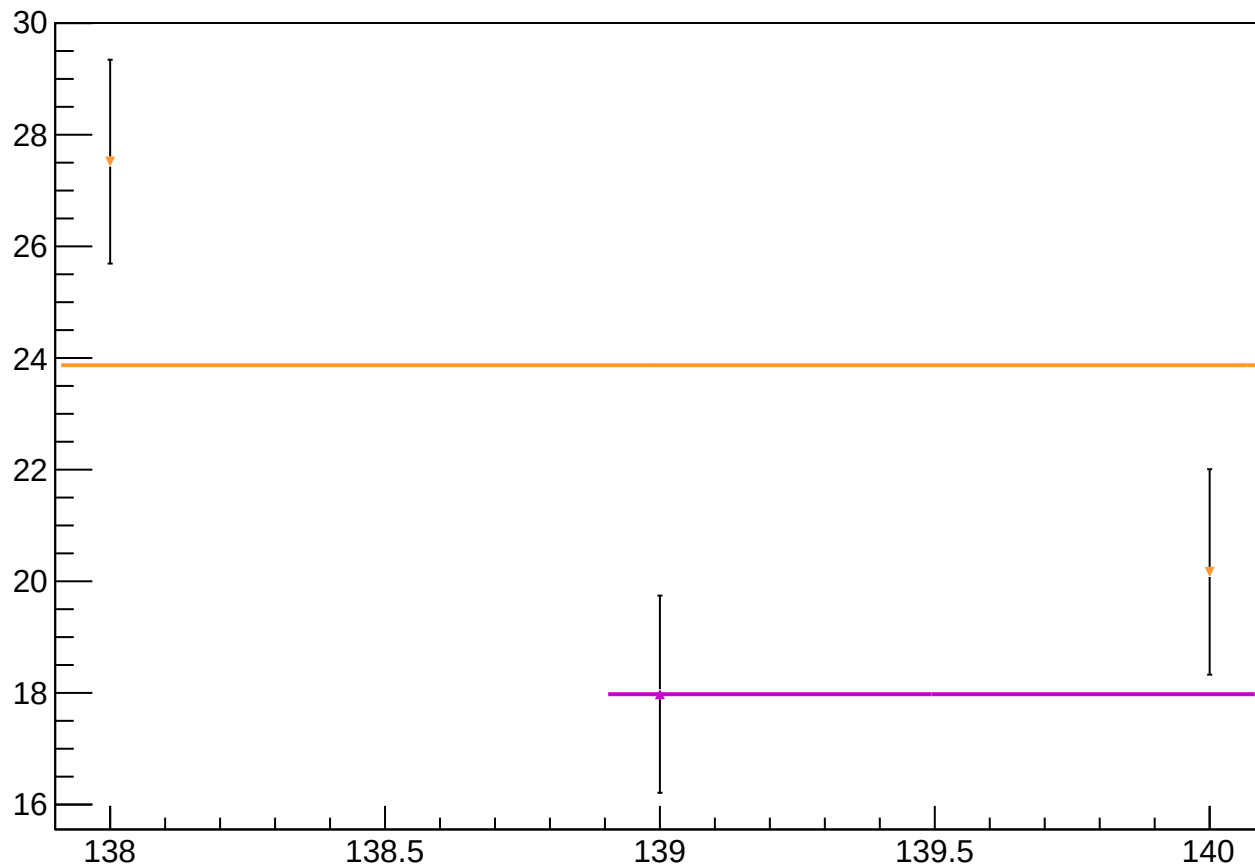
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -19.818 ± 0.038 $\chi^2/\text{NDF}: 497595.2/17$

Out: -24.017 ± 0.037 $\chi^2/\text{NDF}: 477497.1/19$

All: -21.998 ± 0.027 $\chi^2/\text{NDF}: 981313.9/37$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 23.871+/-1.296 χ^2/NDF : 8.0/1

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

Left In: 17.977+/-1.767 χ^2/NDF : 0.0/0

Left: 21.808+/-1.045 χ^2/NDF : 15.3/2

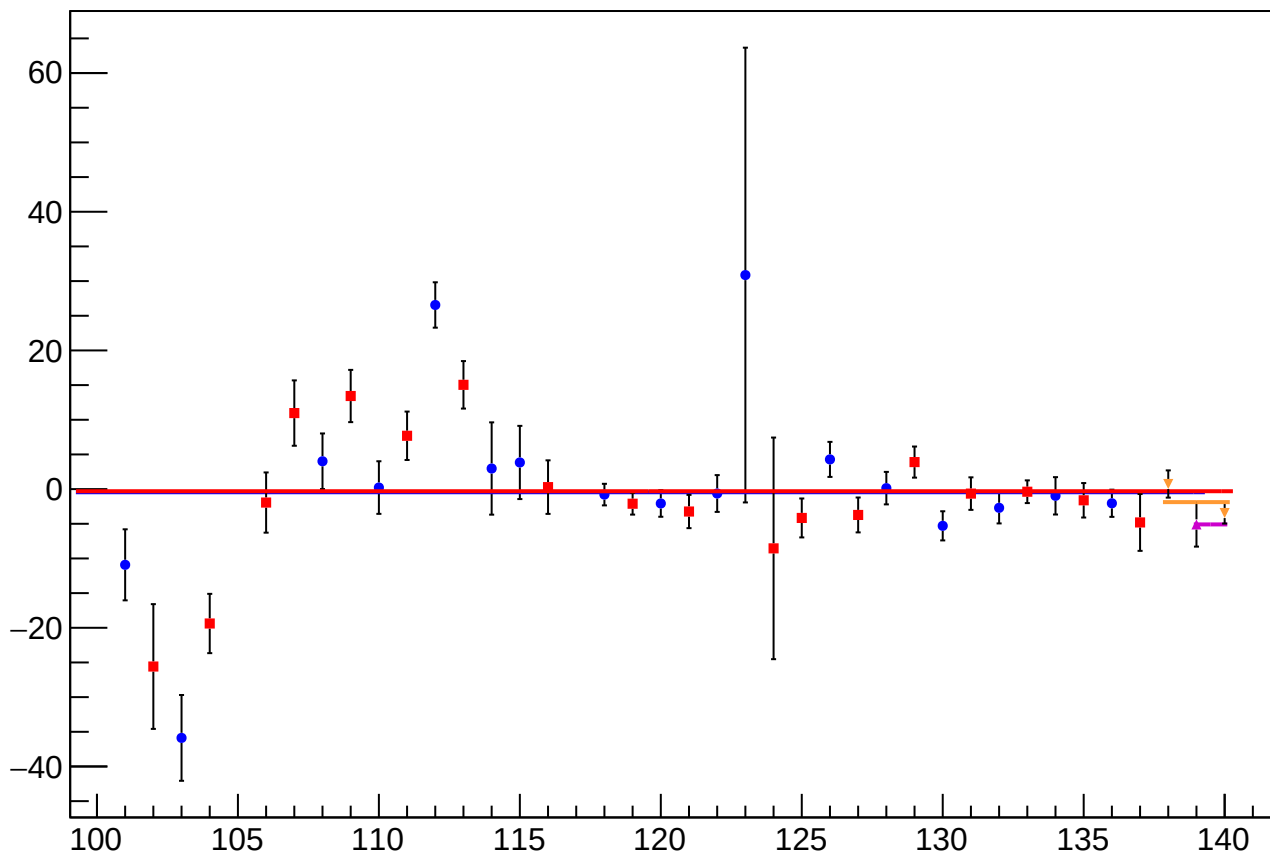
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.977+/-1.767 χ^2/NDF : 0.0/0

Out: 23.871+/-1.296 χ^2/NDF : 8.0/1

All: 21.808+/-1.045 χ^2/NDF : 15.3/2

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.875 ± 1.204 χ^2/NDF : 2.8/1

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -5.092 ± 3.202 χ^2/NDF : 0.0/0

Left: -2.274 ± 1.127 χ^2/NDF : 3.7/2

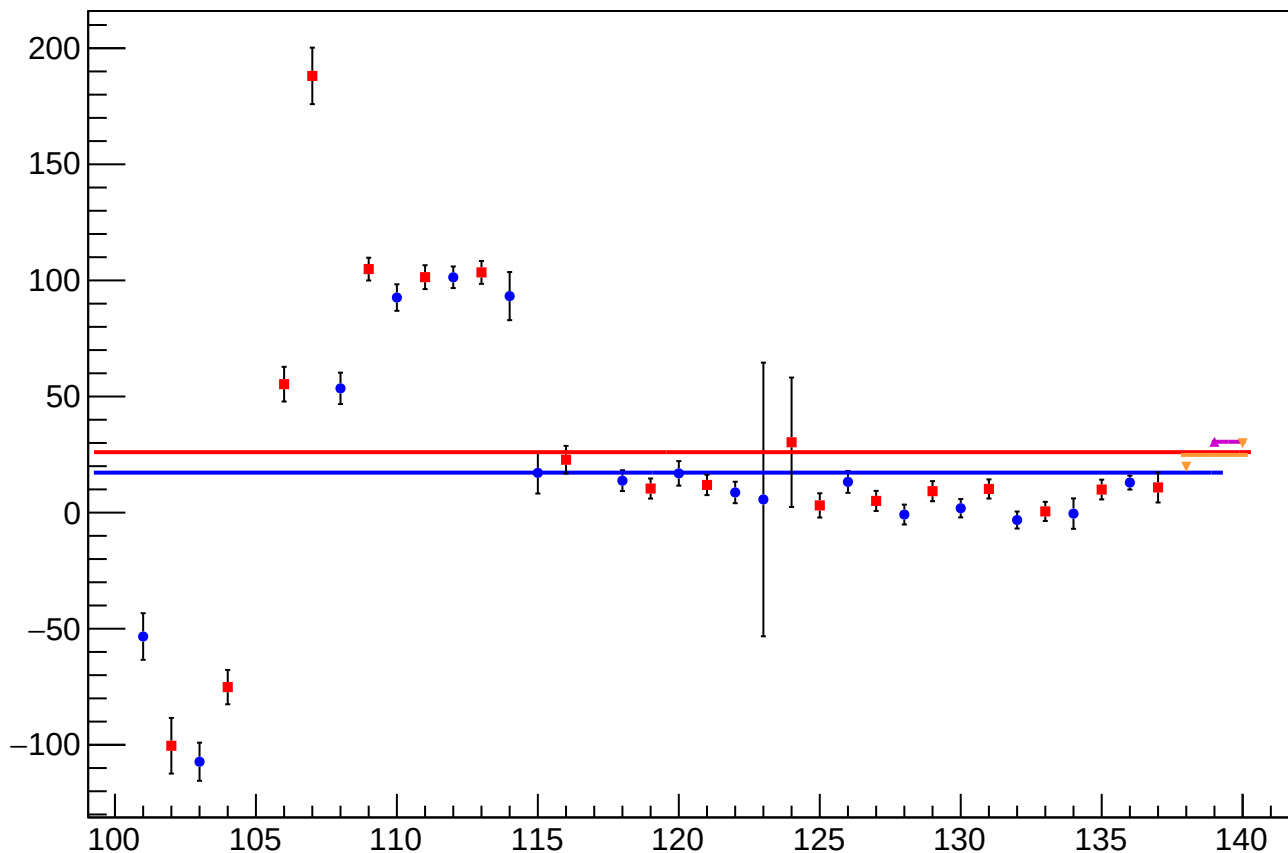
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.638 ± 0.641 χ^2/NDF : 121.5/17

Out: -0.666 ± 0.577 χ^2/NDF : 88.3/19

All: -0.653 ± 0.429 χ^2/NDF : 209.8/37

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 24.860 $\pm$ 1.394 χ^2 /NDF:13.1/1

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 30.511 $\pm$ 1.911 χ^2 /NDF:0.0/0

Left: 26.822 $\pm$ 1.126 χ^2 /NDF: 18.8/2

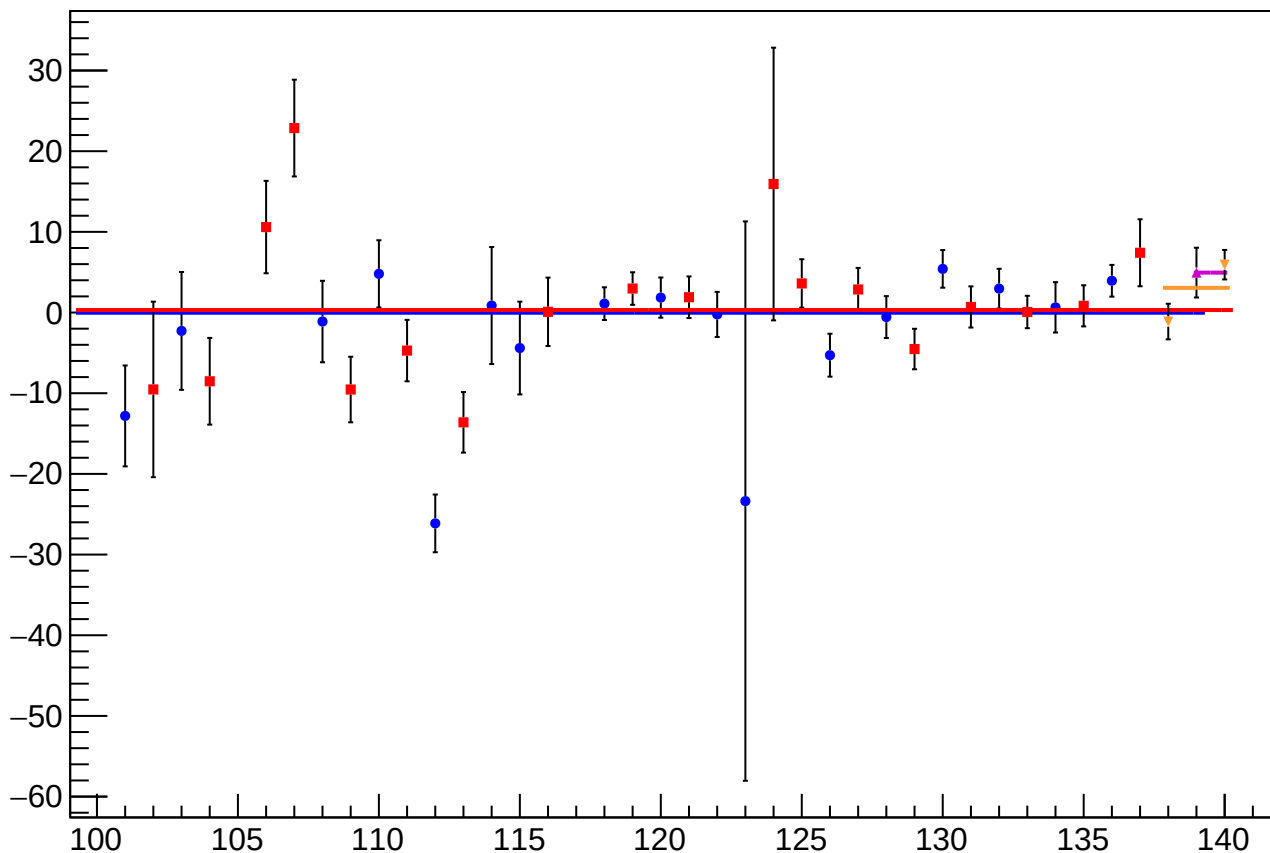
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 21.160 $\pm$ 1.041 χ^2 /NDF:974.1/17

Out: 25.513 $\pm$ 0.928 χ^2 /NDF:1379.5/19

All: 23.585 $\pm$ 0.693 χ^2 /NDF: 2363.4/37

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.064 ± 1.407 χ^2/NDF : 6.1/1

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 4.948 ± 3.084 χ^2/NDF : 0.0/0

Left: 3.389 ± 1.280 χ^2/NDF : 6.4/2

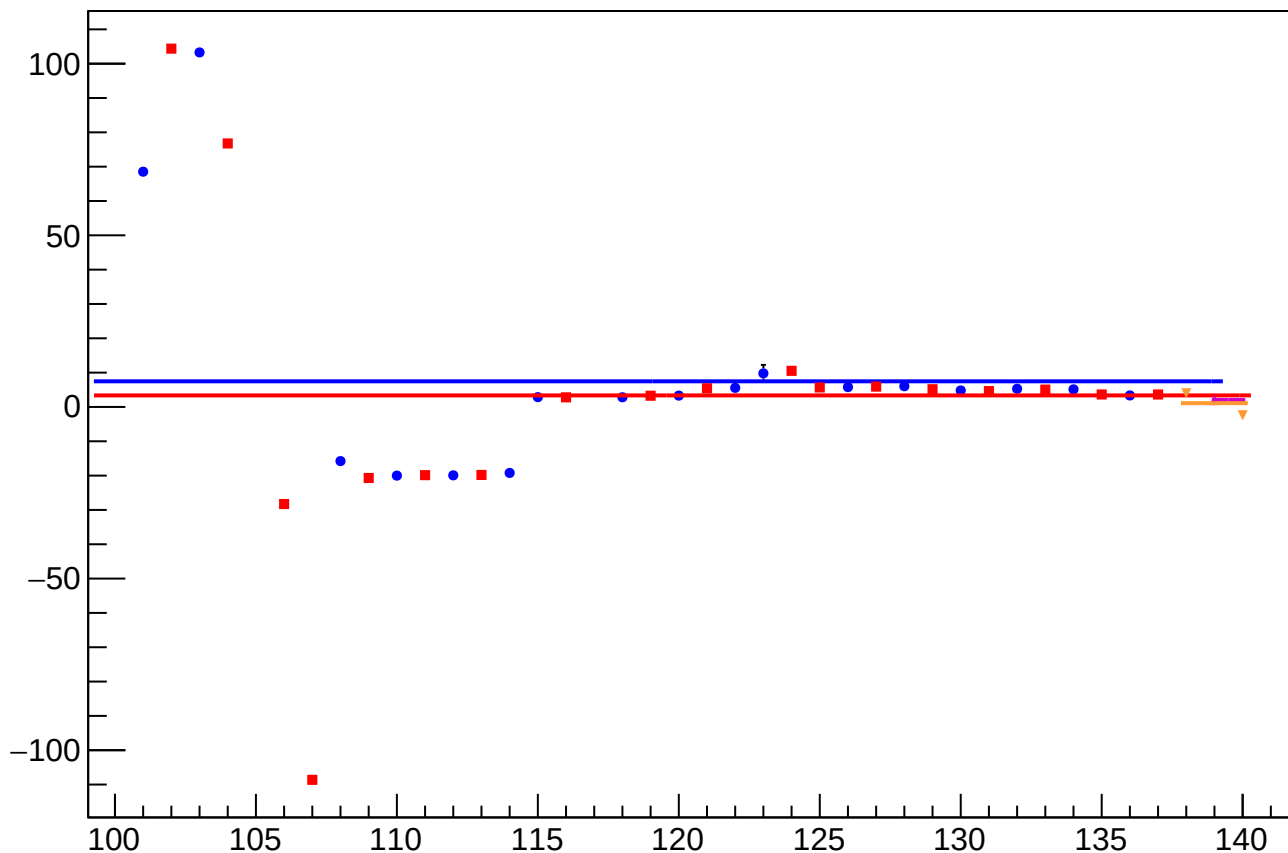
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.252 ± 0.724 χ^2/NDF : 78.3/17

Out: 0.919 ± 0.662 χ^2/NDF : 63.1/19

All: 0.616 ± 0.488 χ^2/NDF : 141.9/37

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 1.104 ± 0.057 χ^2/NDF : 3135.5/1

Right Out: 3.362 ± 0.046 χ^2/NDF : 504811.4/17

Left In: 2.016 ± 0.068 χ^2/NDF : 0.0/0

Left: 1.483 ± 0.044 χ^2/NDF : 3241.6/2

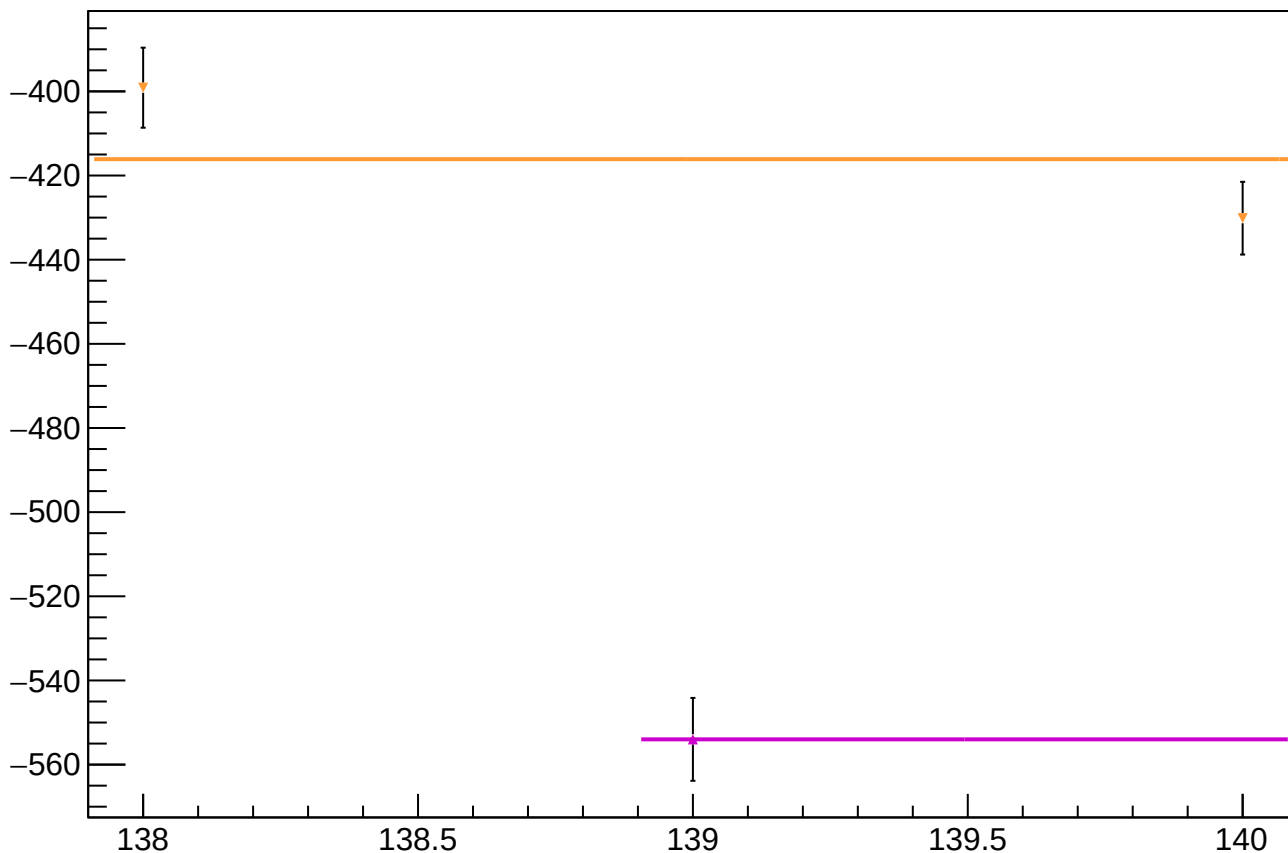
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 5.823 ± 0.037 χ^2/NDF : 360421.5/17

Out: 2.482 ± 0.036 χ^2/NDF : 508902.4/19

All: 4.082 ± 0.026 χ^2/NDF : 873536.3/37

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -416.111+/-6.397 χ^2/NDF : 5.8/1

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

Left In: -553.998+/-9.849 χ^2/NDF : 0.0/0

Left: -457.018+/-5.365 χ^2/NDF : 143.7/2

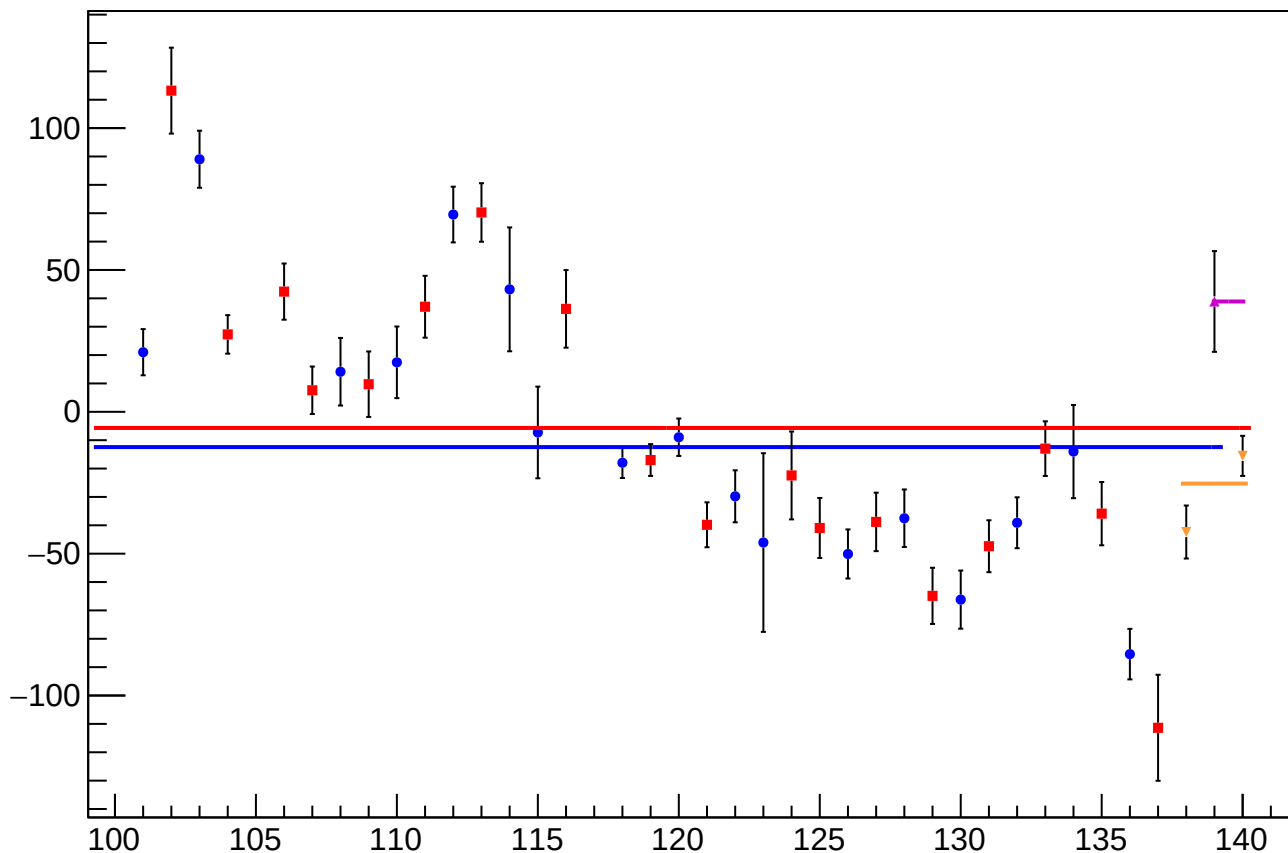
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.998+/-9.849 χ^2/NDF : 0.0/0

Out: -416.111+/-6.397 χ^2/NDF : 5.8/1

All: -457.018+/-5.365 χ^2/NDF : 143.7/2

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -25.300 ± 5.635 χ^2/NDF : 5.3/1

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 38.893 ± 17.755 χ^2/NDF : 0.0/0

Left: -19.424 ± 5.371 χ^2/NDF : 17.1/2

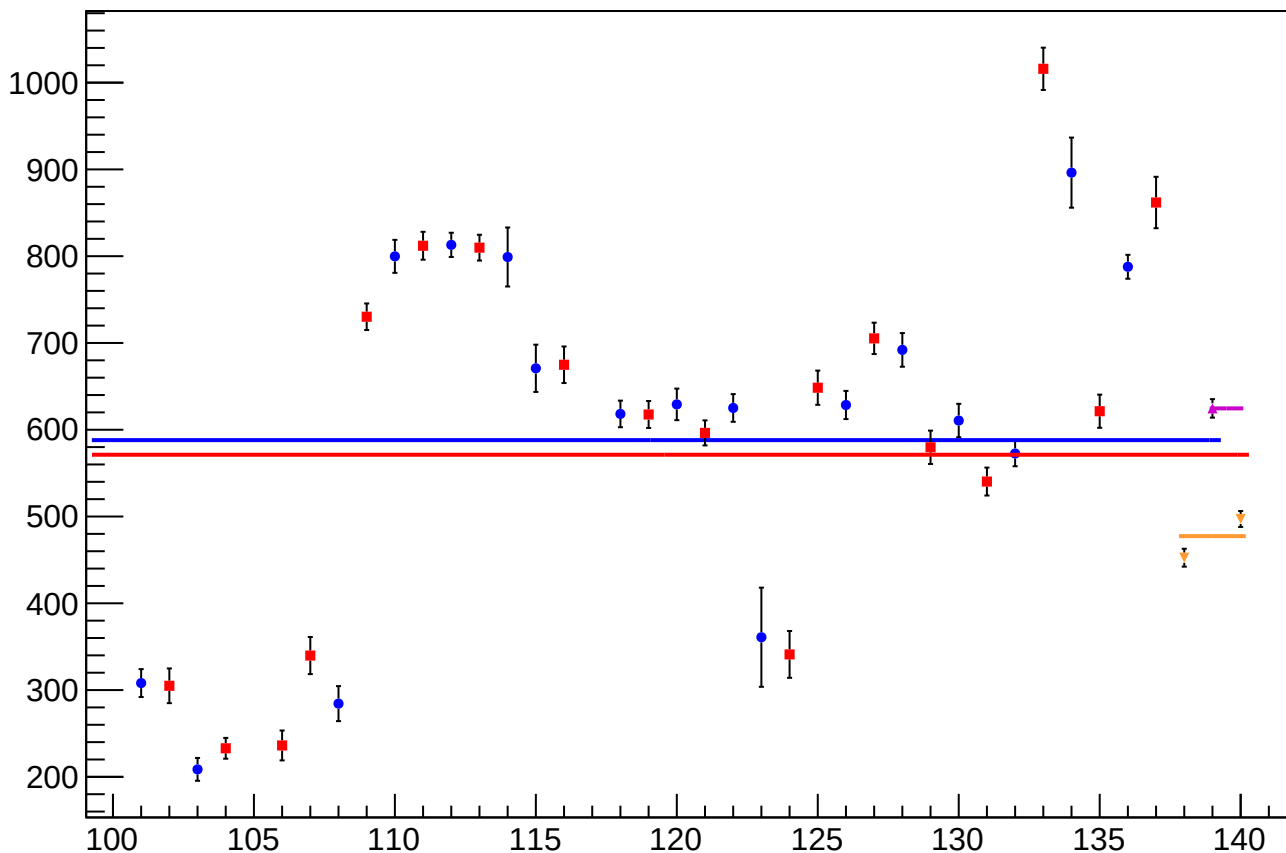
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -11.573 ± 2.296 χ^2/NDF : 348.4/17

Out: -8.410 ± 2.100 χ^2/NDF : 349.3/19

All: -9.851 ± 1.549 χ^2/NDF : 698.8/37

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2/NDF : 2127.7/16

Left Out: 477.371 $\pm$ 6.865 χ^2/NDF :10.4/1

Right Out: 571.196 $\pm$ 4.151 χ^2/NDF : 2680.4/17

Left In: 624.607 $\pm$ 10.664 χ^2/NDF :0.0/0

Left: 520.514 $\pm$ 5.772 χ^2/NDF : 145.2/2

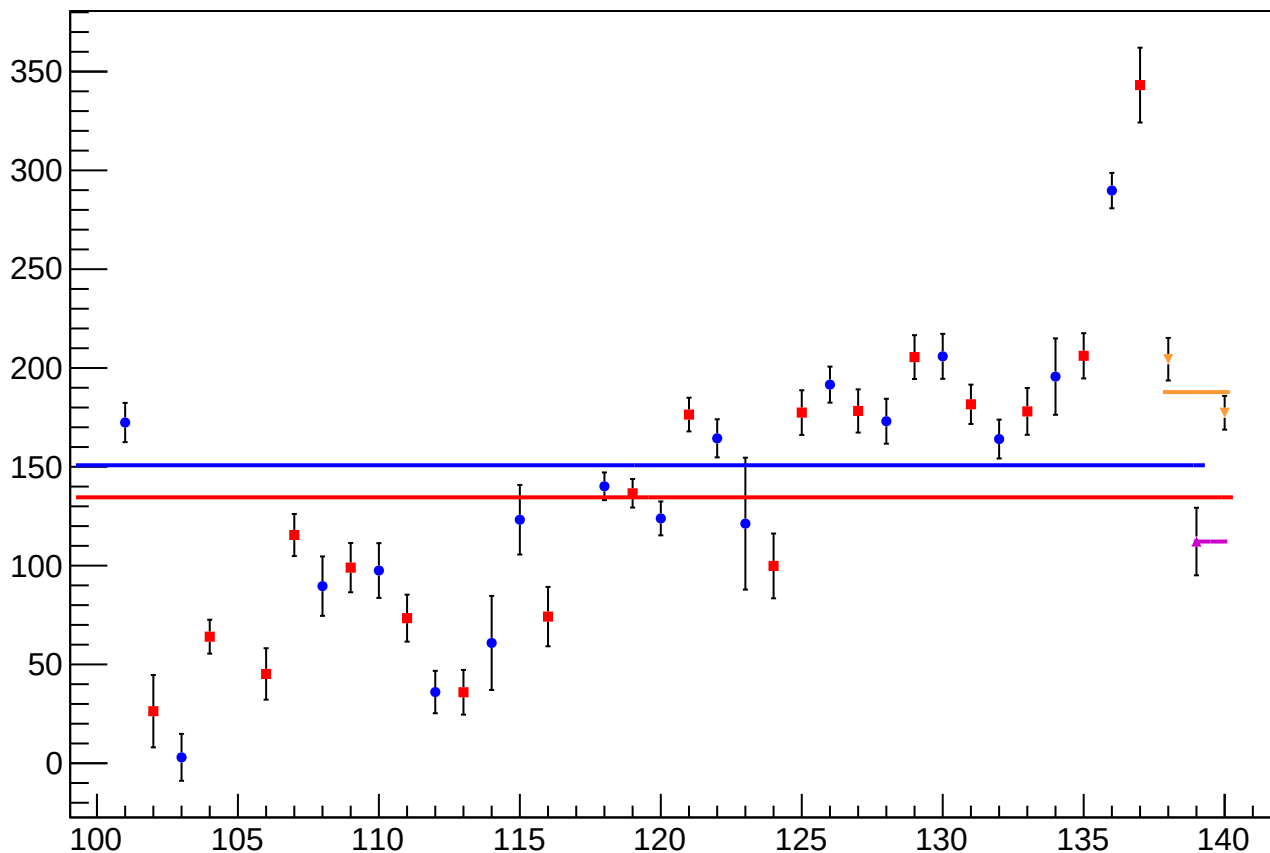
Right: 579.261 $\pm$ 2.996 χ^2/NDF : 4816.0/34

In: 593.208 $\pm$ 4.011 χ^2/NDF :2137.8/17

Out: 546.080 $\pm$ 3.552 χ^2/NDF :2827.6/19

All: 566.794 $\pm$ 2.659 χ^2/NDF : 5042.8/37

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 187.813 $\pm$ 6.689 χ^2 /NDF: 3.9/1

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 112.184 $\pm$ 17.092 χ^2 /NDF: 0.0/0

Left: 177.769 $\pm$ 6.229 χ^2 /NDF: 20.9/2

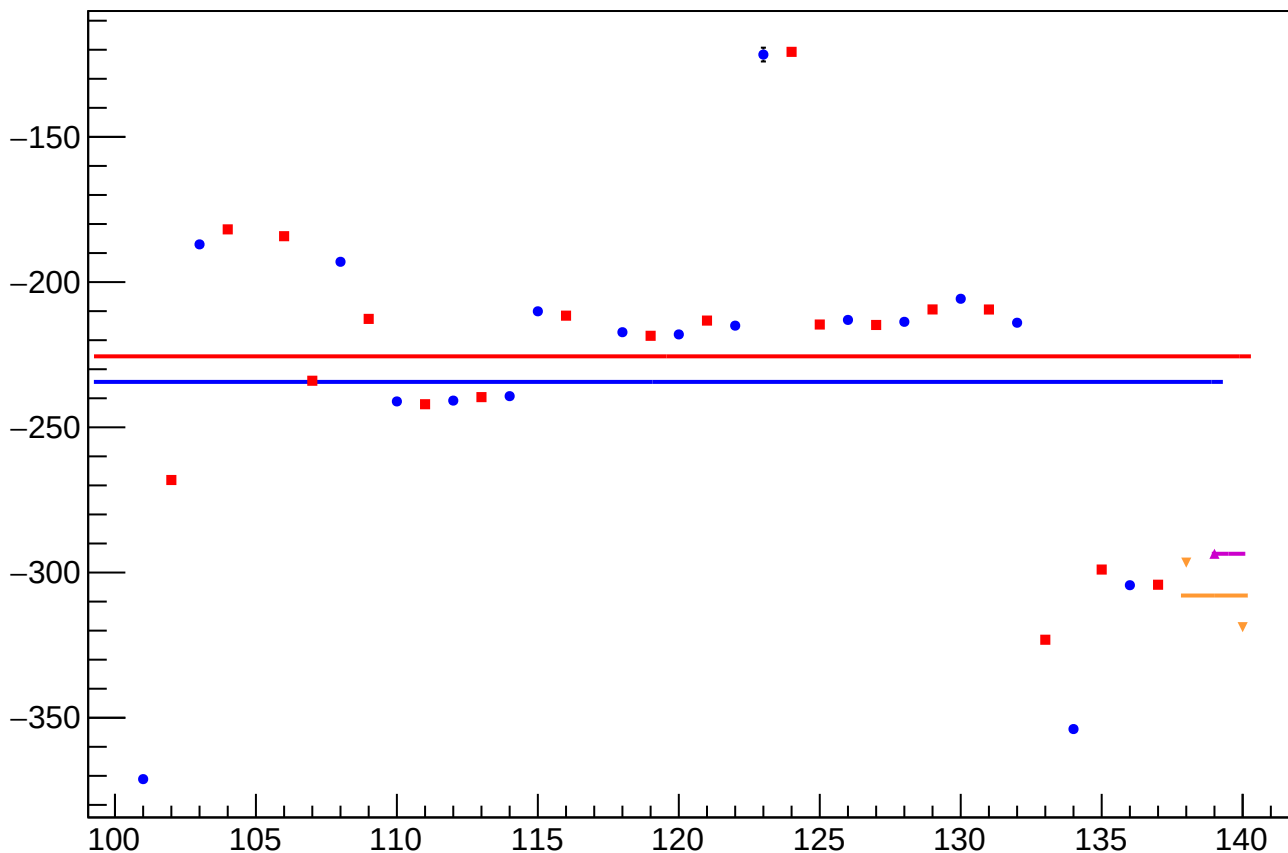
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 149.859 $\pm$ 2.647 χ^2 /NDF: 638.1/17

Out: 141.631 $\pm$ 2.439 χ^2 /NDF: 635.1/19

All: 145.409 $\pm$ 1.794 χ^2 /NDF: 1278.4/37

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -307.912+/-0.287 χ^2/NDF : 1494.8/1

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -293.537+/-0.376 χ^2/NDF : 0.0/0

Left: -302.606+/-0.228 χ^2/NDF : 2417.9/2

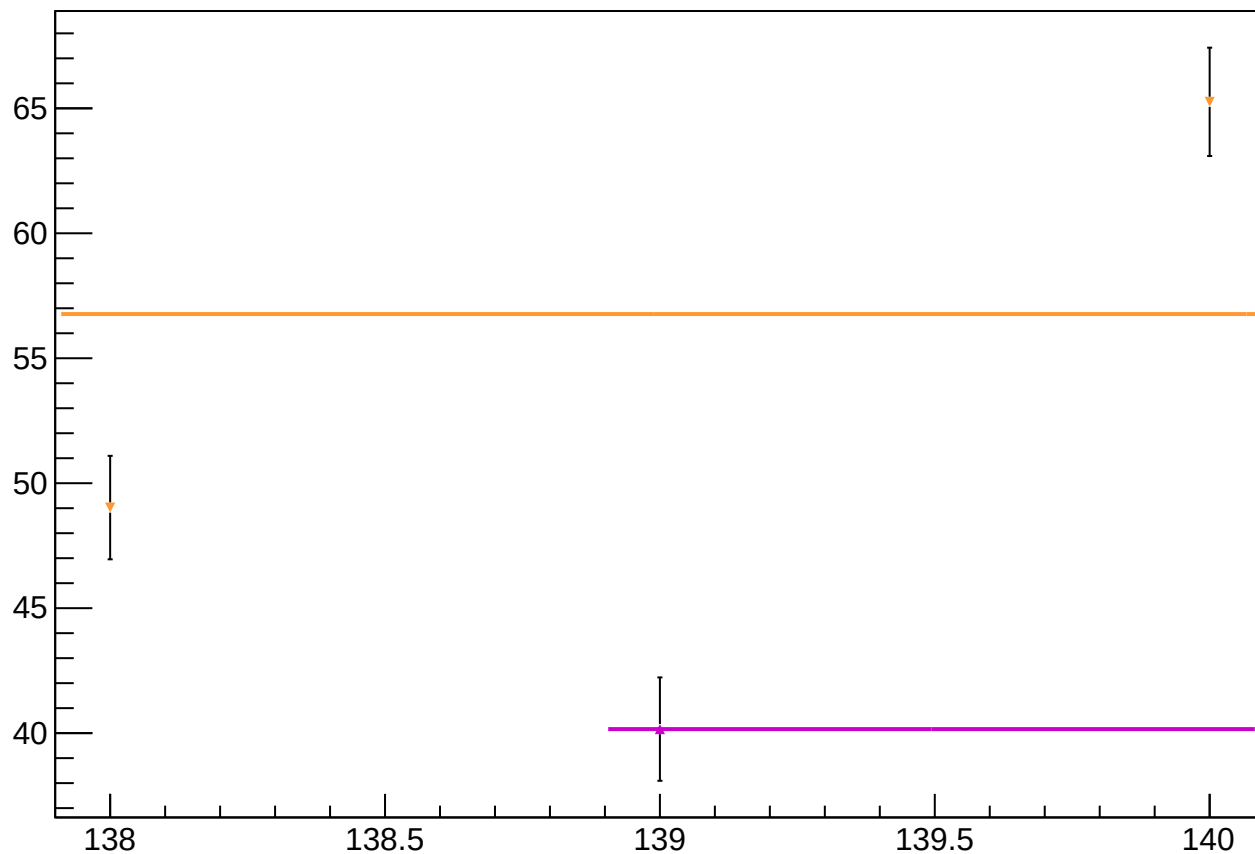
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -242.350+/-0.138 χ^2/NDF : 166606.6/17

Out: -241.703+/-0.127 χ^2/NDF : 160442.2/19

All: -242.000+/-0.094 χ^2/NDF : 327060.8/37

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 56.768+/-1.497 χ^2/NDF :29.3/1

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

Left In: 40.161+/-2.069 χ^2/NDF :0.0/0

Left: 51.059+/-1.213 χ^2/NDF : 71.6/2

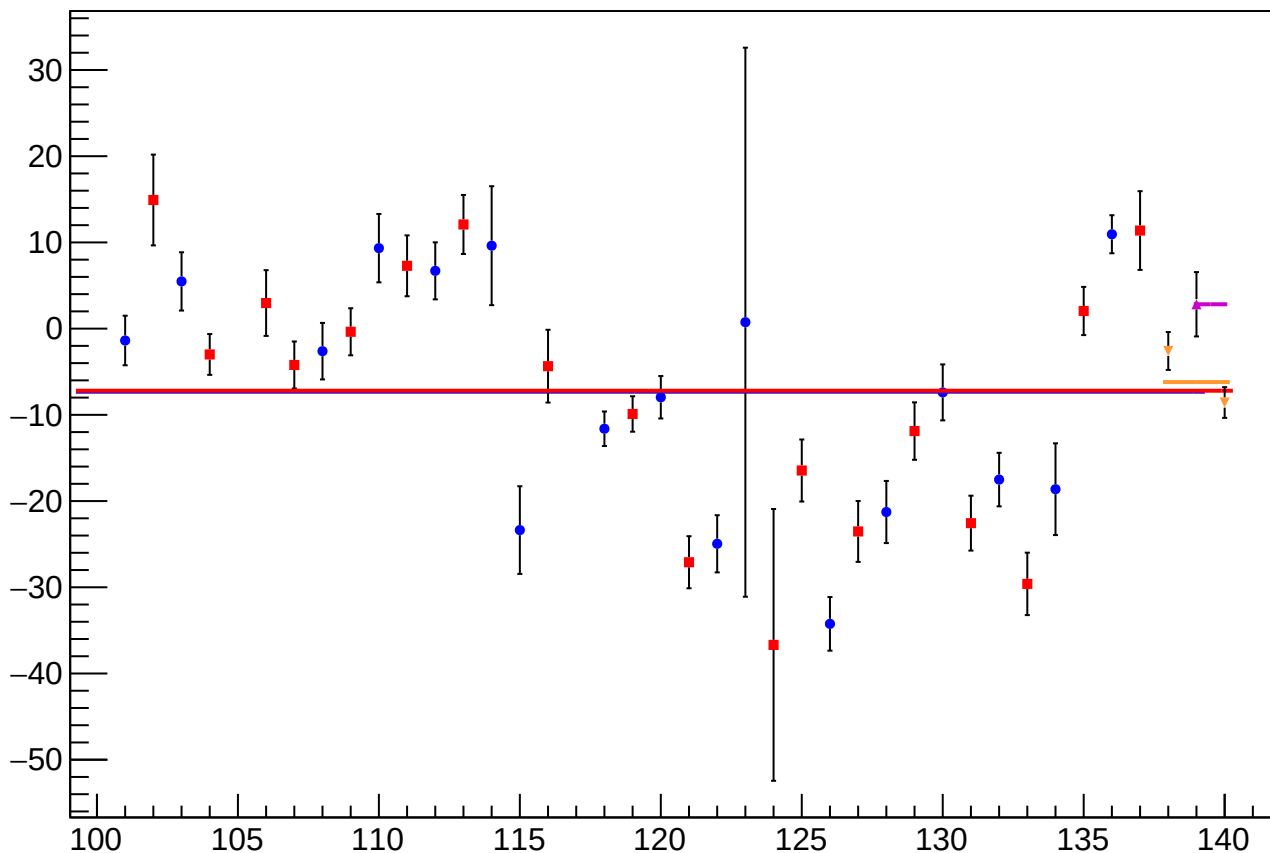
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.161+/-2.069 χ^2/NDF :0.0/0

Out: 56.768+/-1.497 χ^2/NDF :29.3/1

All: 51.059+/-1.213 χ^2/NDF : 71.6/2

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -6.196 ± 1.385 χ^2/NDF : 4.5/1

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 2.825 ± 3.732 χ^2/NDF : 0.0/0

Left: -5.105 ± 1.298 χ^2/NDF : 9.6/2

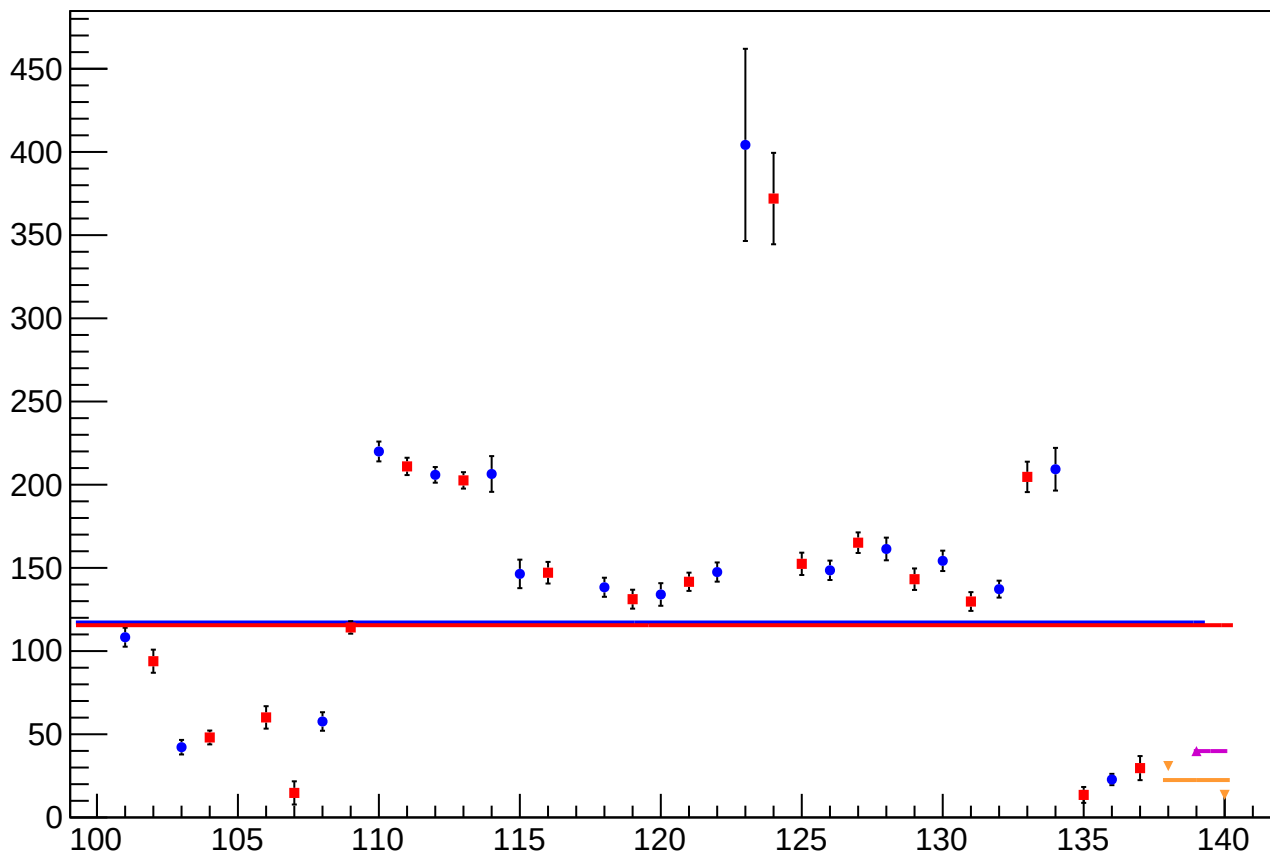
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.889 ± 0.764 χ^2/NDF : 286.1/17

Out: -6.969 ± 0.667 χ^2/NDF : 257.0/19

All: -6.934 ± 0.503 χ^2/NDF : 543.1/37

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 22.482 $\pm$ 1.610 χ^2 /NDF:28.9/1

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 39.889 $\pm$ 2.240 χ^2 /NDF:0.0/0

Left: 28.411 $\pm$ 1.307 χ^2 /NDF: 68.7/2

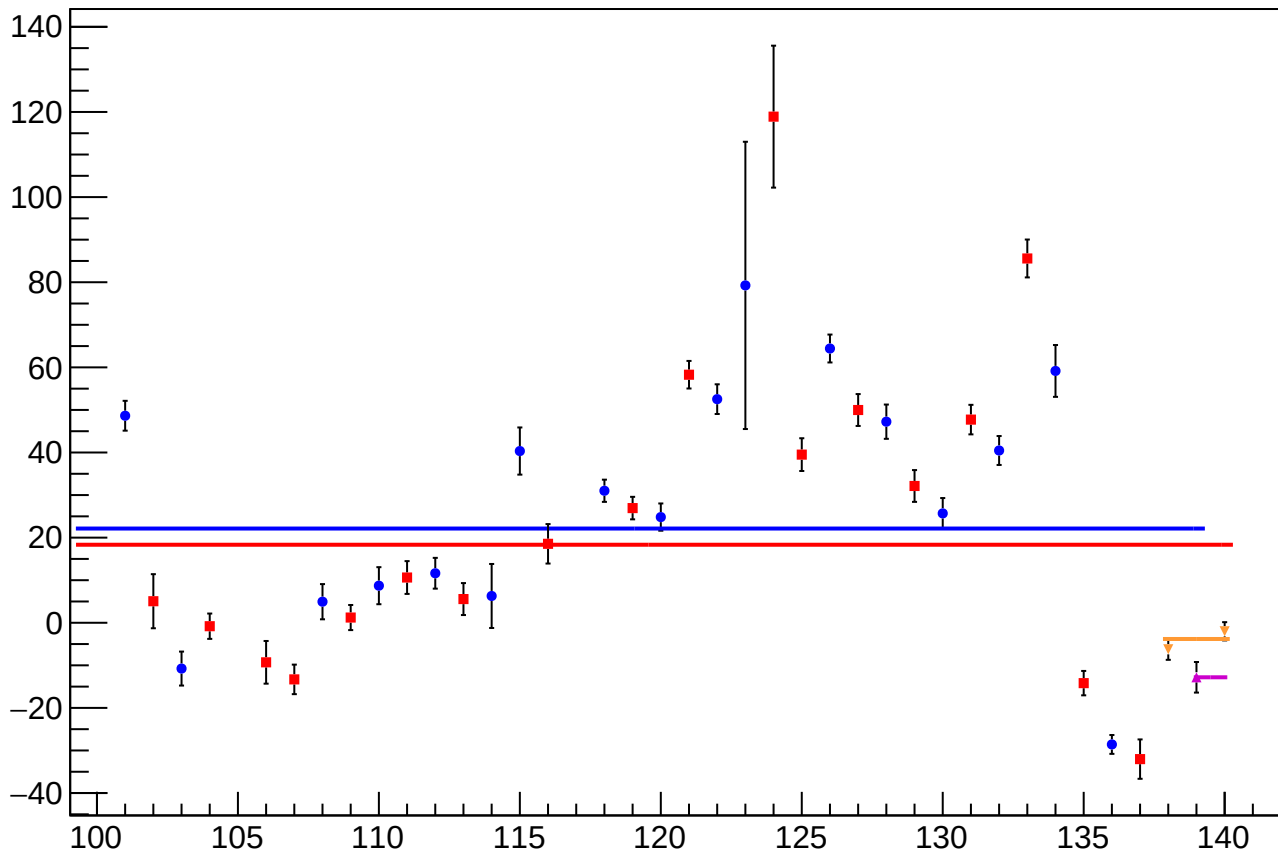
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 95.207 $\pm$ 1.194 χ^2 /NDF:3012.1/17

Out: 76.683 $\pm$ 1.040 χ^2 /NDF:4125.1/19

All: 84.676 $\pm$ 0.784 χ^2 /NDF: 7274.0/37

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -3.810 $\pm$ 1.622 χ^2 /NDF:1.7/1

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -12.810 $\pm$ 3.593 χ^2 /NDF:0.0/0

Left: -5.333 $\pm$ 1.478 χ^2 /NDF: 6.9/2

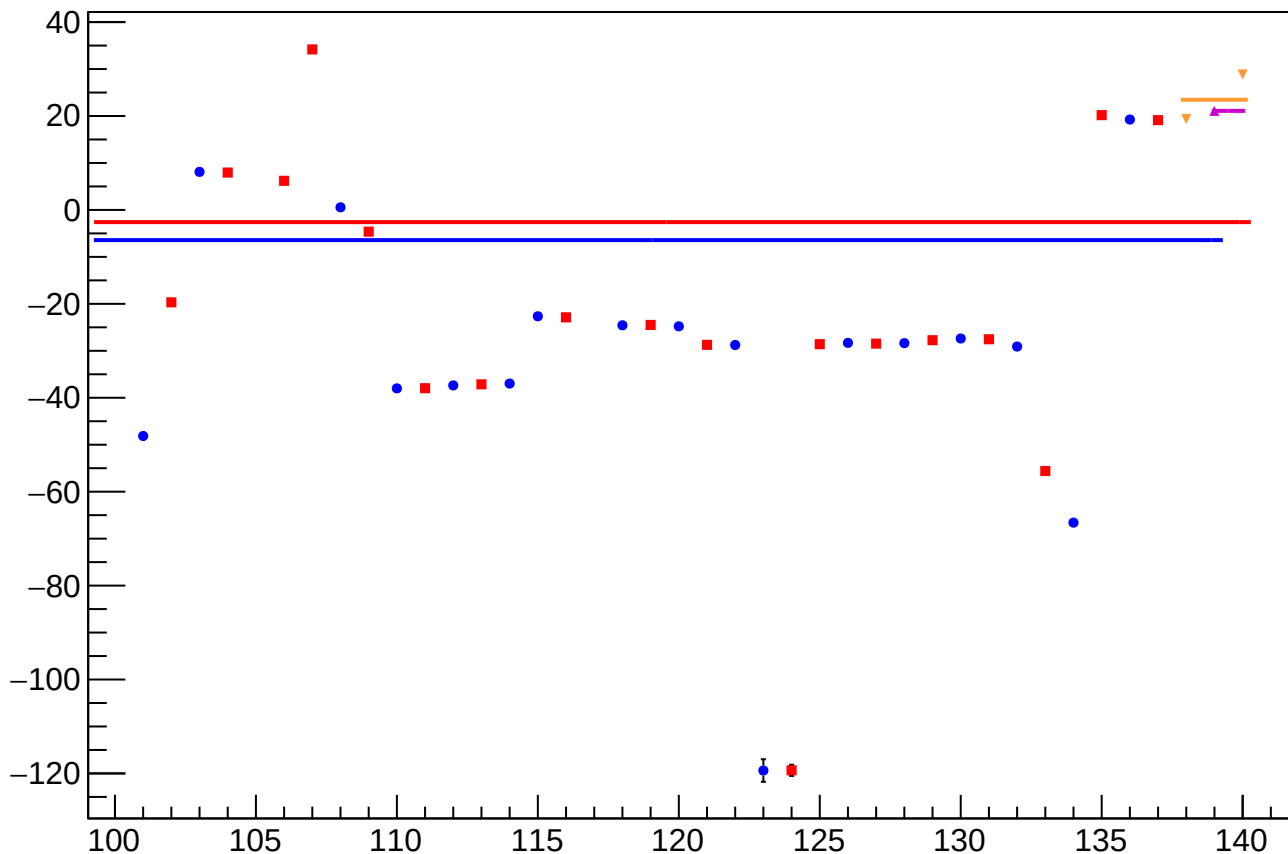
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 20.111 $\pm$ 0.865 χ^2 /NDF:1153.2/17

Out: 13.365 $\pm$ 0.768 χ^2 /NDF:1216.6/19

All: 16.339 $\pm$ 0.574 χ^2 /NDF: 2403.9/37

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 23.463+/-0.066 χ^2/NDF : 5093.8/1

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 21.093+/-0.079 χ^2/NDF : 0.0/0

Left: 22.488+/-0.051 χ^2/NDF : 5625.2/2

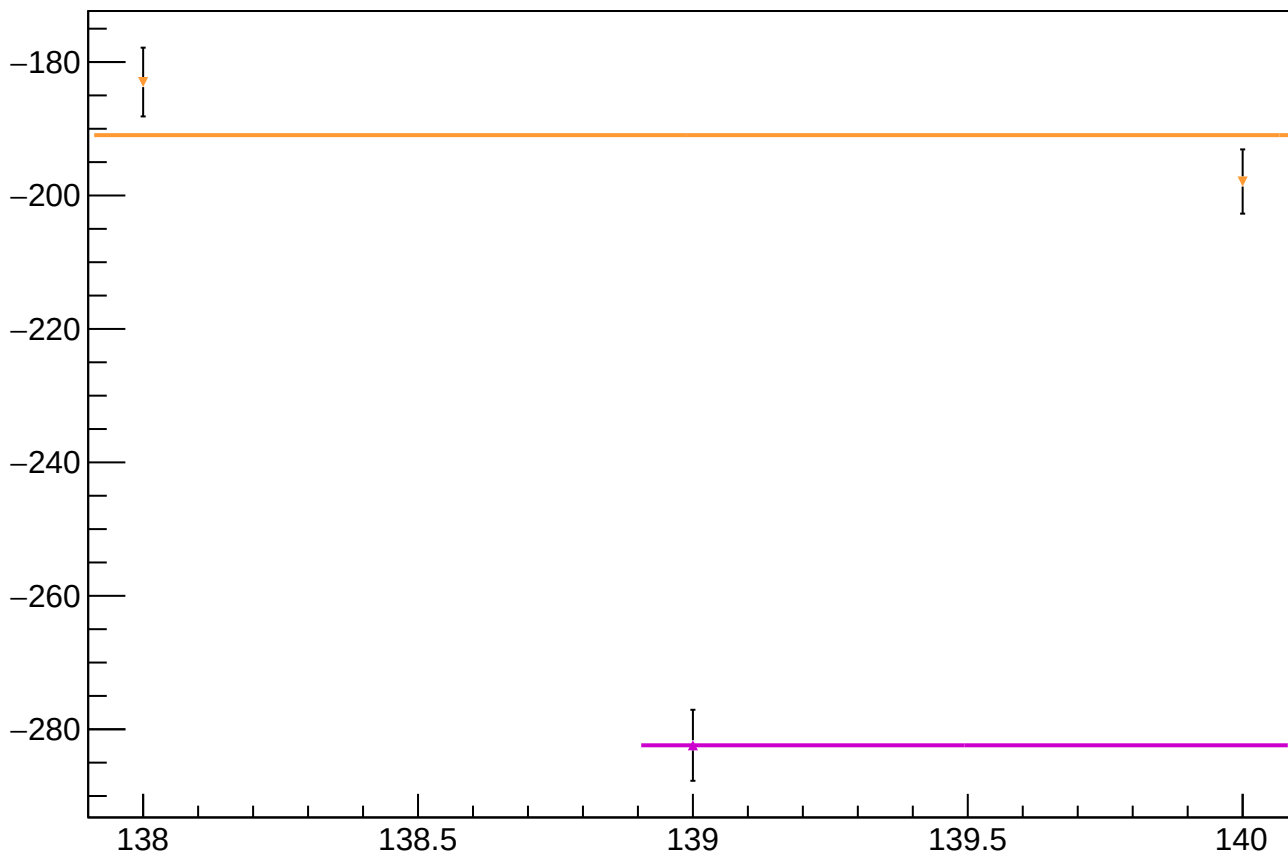
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 0.608+/-0.040 χ^2/NDF : 355844.5/17

Out: 5.882+/-0.038 χ^2/NDF : 374133.7/19

All: 3.400+/-0.027 χ^2/NDF : 739239.6/37

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -190.958 $\pm$ 3.518 χ^2/NDF : 4.5/1

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

Left In: -282.401 $\pm$ 5.321 χ^2/NDF : 0.0/0

Left: -218.769 $\pm$ 2.935 χ^2/NDF : 210.0/2

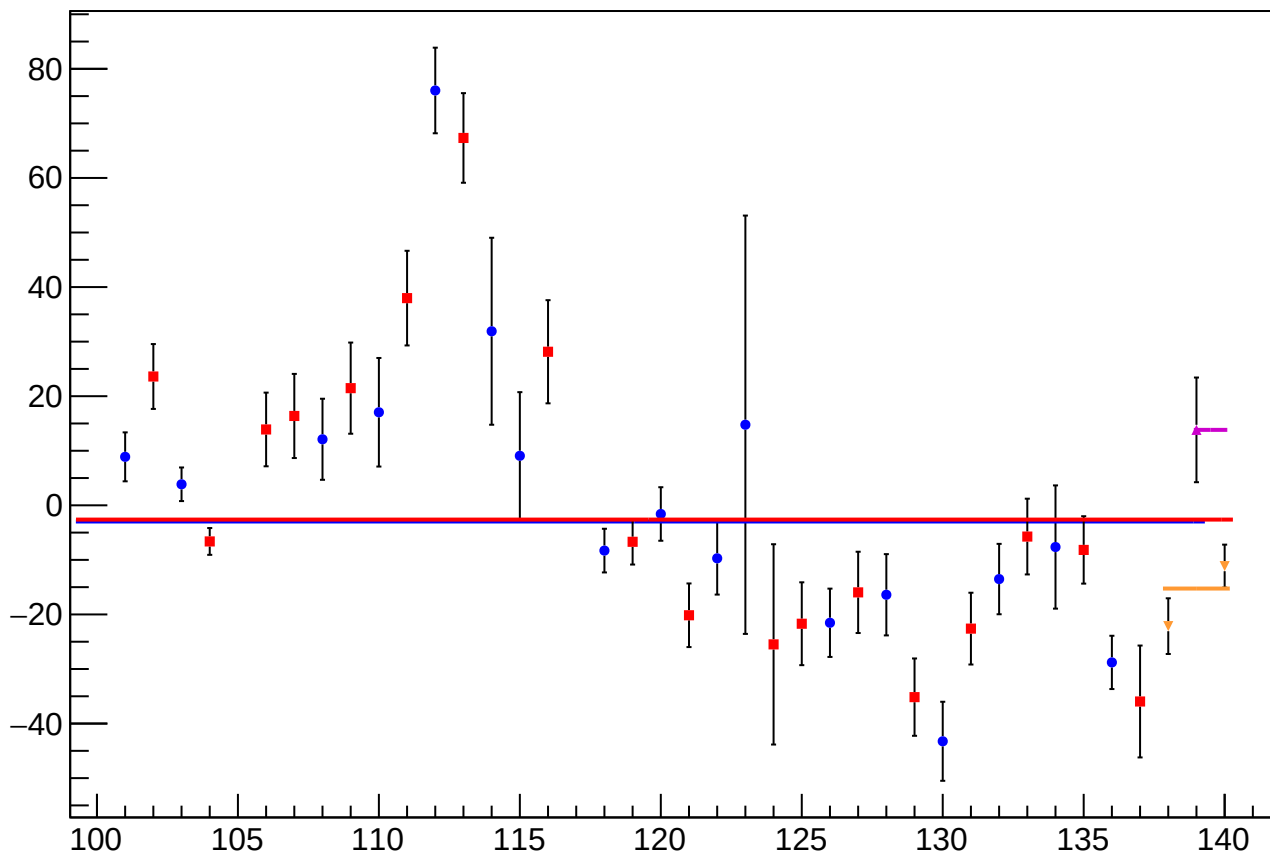
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -282.401 $\pm$ 5.321 χ^2/NDF : 0.0/0

Out: -190.958 $\pm$ 3.518 χ^2/NDF : 4.5/1

All: -218.769 $\pm$ 2.935 χ^2/NDF : 210.0/2

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: -15.254 ± 3.119 $\chi^2/\text{NDF}: 2.9/1$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 13.828 ± 9.594 $\chi^2/\text{NDF}: 0.0/0$

Left: -12.475 ± 2.966 $\chi^2/\text{NDF}: 11.2/2$

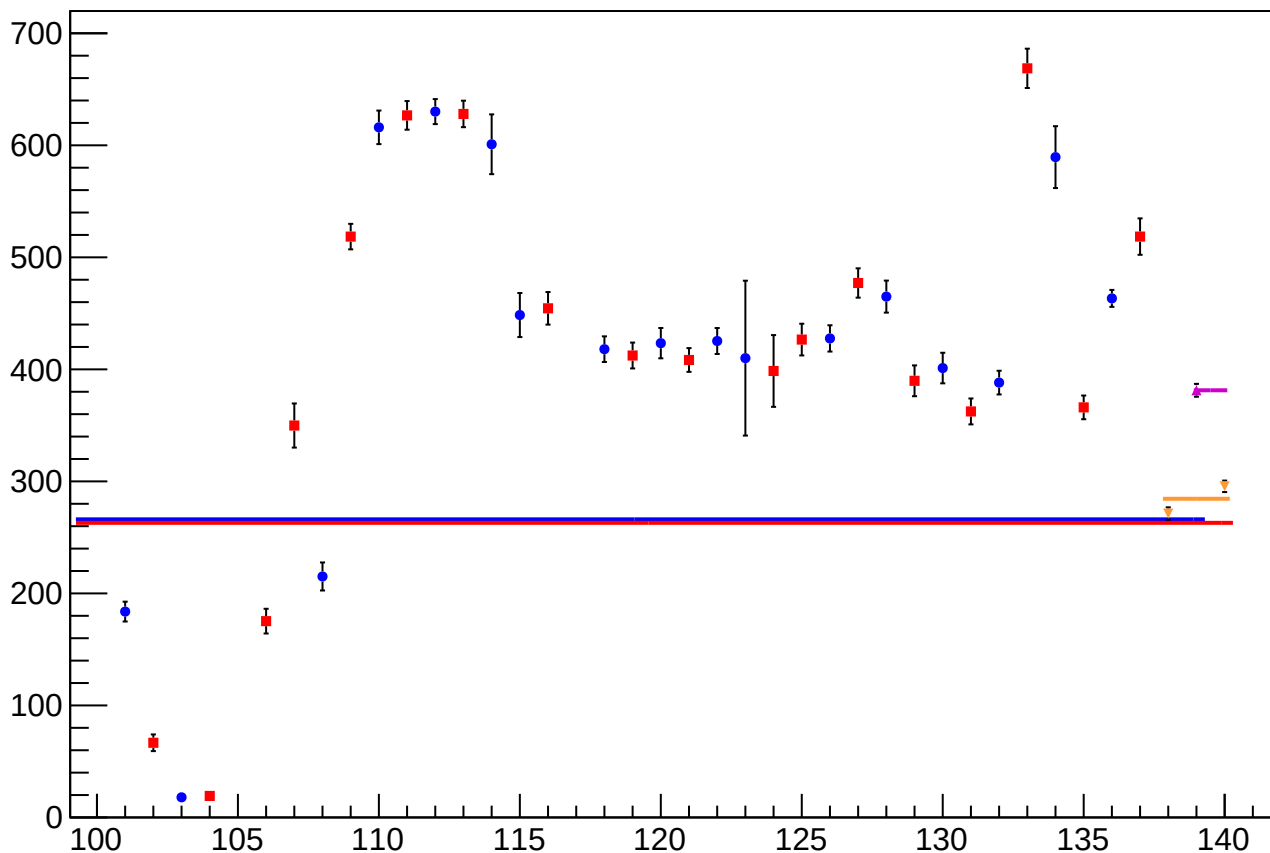
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: -2.588 ± 1.436 $\chi^2/\text{NDF}: 206.5/17$

Out: -4.732 ± 1.276 $\chi^2/\text{NDF}: 227.1/19$

All: -3.786 ± 0.954 $\chi^2/\text{NDF}: 434.8/37$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 284.473 $\pm$ 3.777 χ^2 /NDF:10.3/1

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 381.306 $\pm$ 5.761 χ^2 /NDF:0.0/0

Left: 313.582 $\pm$ 3.159 χ^2 /NDF: 207.9/2

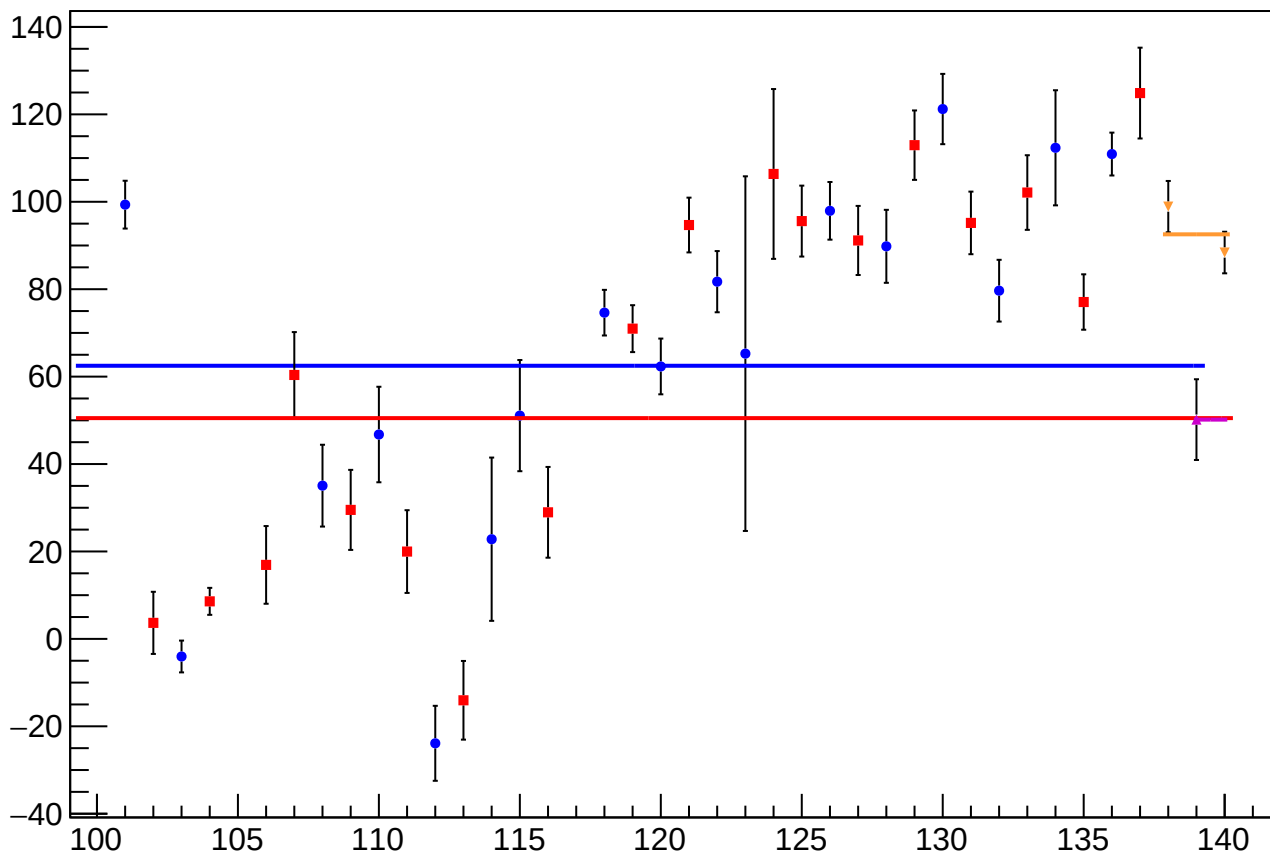
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 284.123 $\pm$ 2.278 χ^2 /NDF:7981.3/17

Out: 269.422 $\pm$ 2.065 χ^2 /NDF:8205.0/19

All: 276.054 $\pm$ 1.530 χ^2 /NDF: 16209.1/37

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 92.554 $\pm$ 3.695 χ^2 /NDF:1.9/1

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 50.165 $\pm$ 9.235 χ^2 /NDF:0.0/0

Left: 86.705 $\pm$ 3.431 χ^2 /NDF: 20.1/2

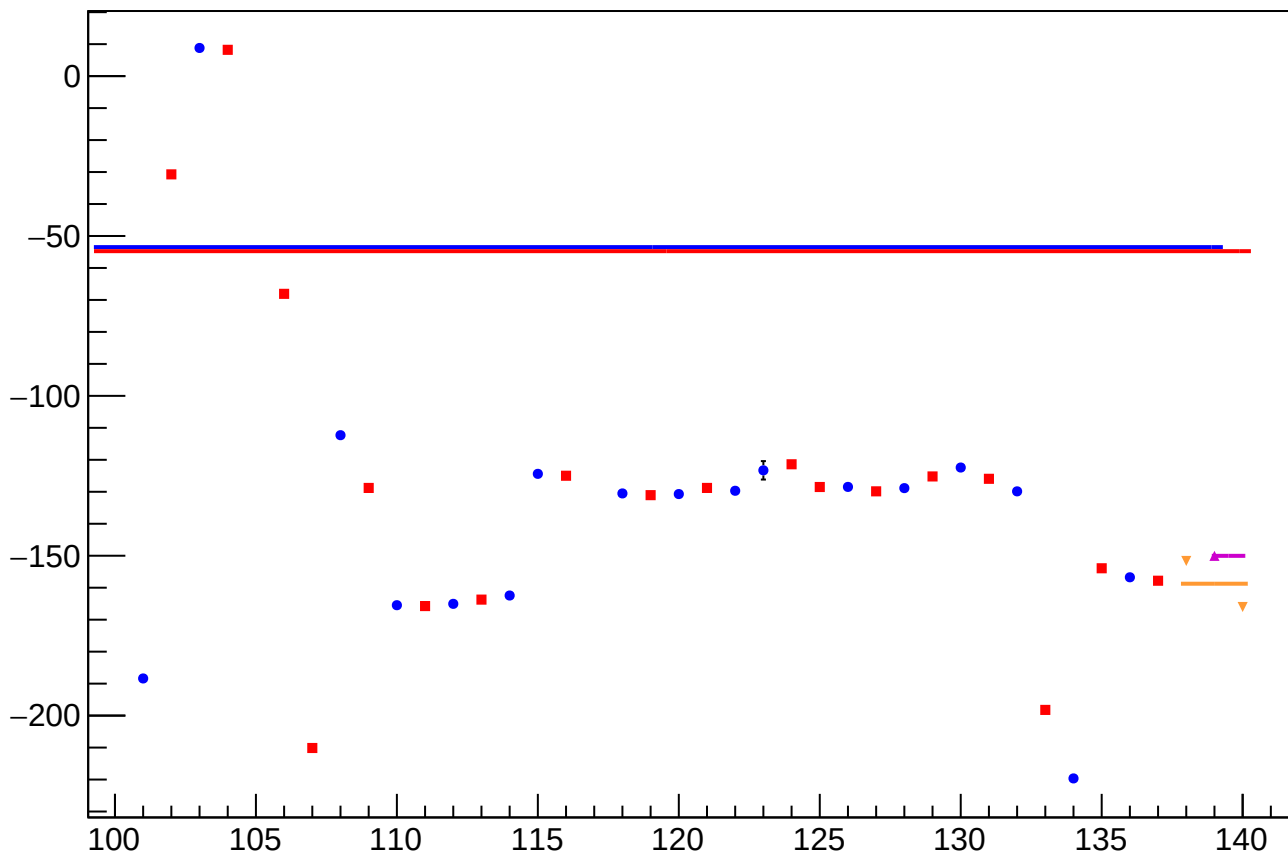
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 62.090 $\pm$ 1.654 χ^2 /NDF:722.5/17

Out: 57.457 $\pm$ 1.502 χ^2 /NDF:760.6/19

All: 59.551 $\pm$ 1.112 χ^2 /NDF: 1487.4/37

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -158.754 $\pm$ 0.158 χ^2 /NDF: 2086.4/1

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -150.034 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Left: -155.477 $\pm$ 0.125 χ^2 /NDF: 3236.9/2

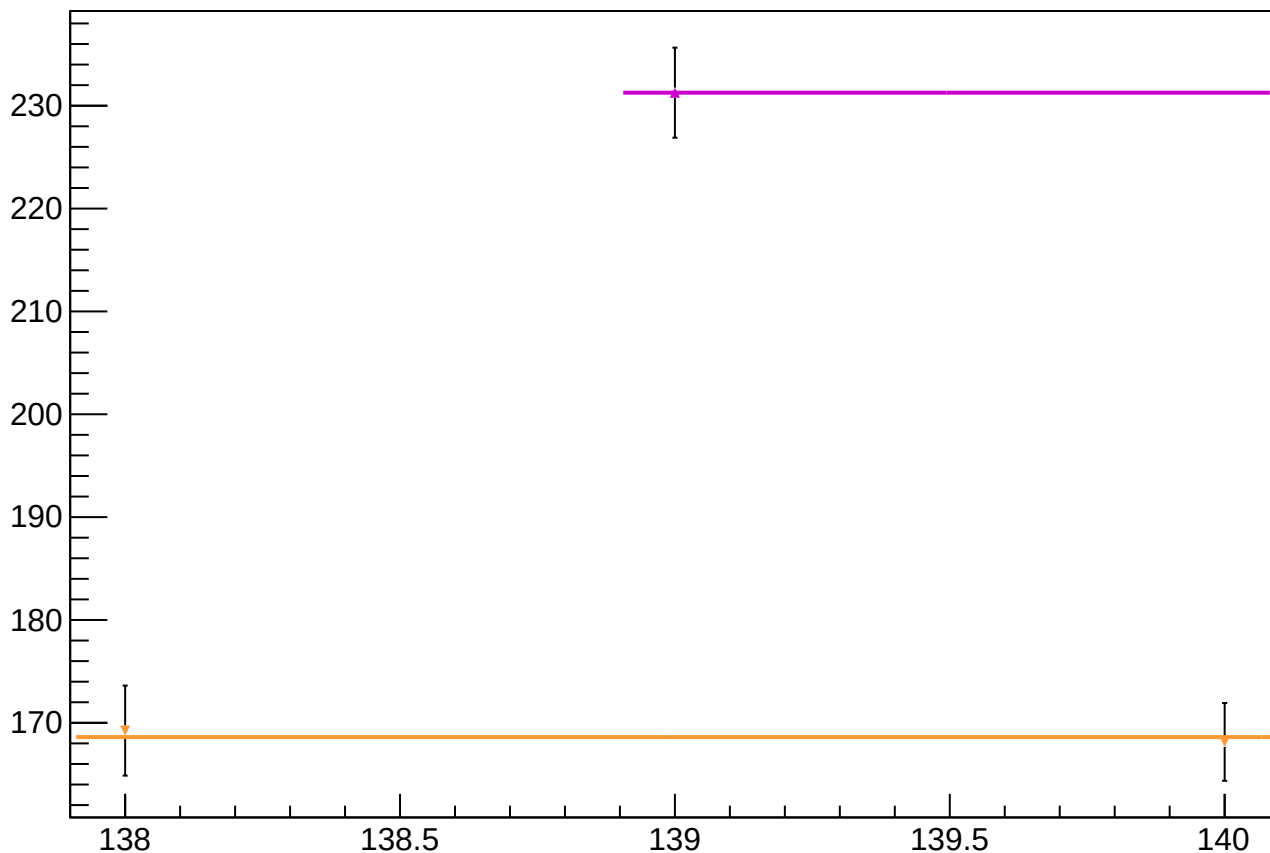
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -63.812 $\pm$ 0.066 χ^2 /NDF: 1430521.6/17

Out: -72.761 $\pm$ 0.066 χ^2 /NDF: 1314602.4/19

All: -68.344 $\pm$ 0.047 χ^2 /NDF: 2754311.4/37

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 168.614+/-2.862 χ^2/NDF : 0.0/1

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

Left In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Left: 187.368+/-2.395 χ^2/NDF : 143.5/2

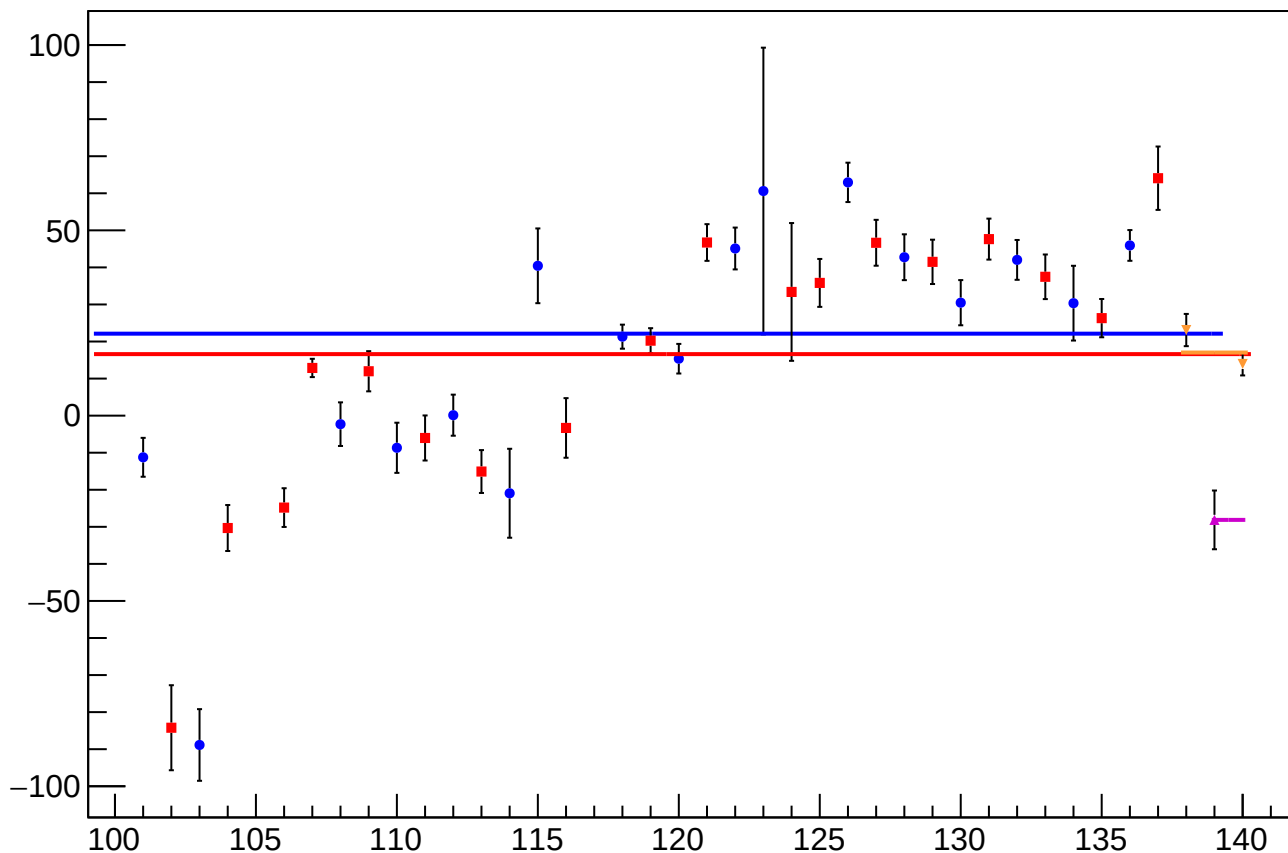
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.267+/-4.378 χ^2/NDF : 0.0/0

Out: 168.614+/-2.862 χ^2/NDF : 0.0/1

All: 187.368+/-2.395 χ^2/NDF : 143.5/2

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 17.029 $\pm$ 2.524 χ^2 /NDF: 2.9/1

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: -28.128 $\pm$ 7.924 χ^2 /NDF: 0.0/0

Left: 12.872 $\pm$ 2.405 χ^2 /NDF: 32.4/2

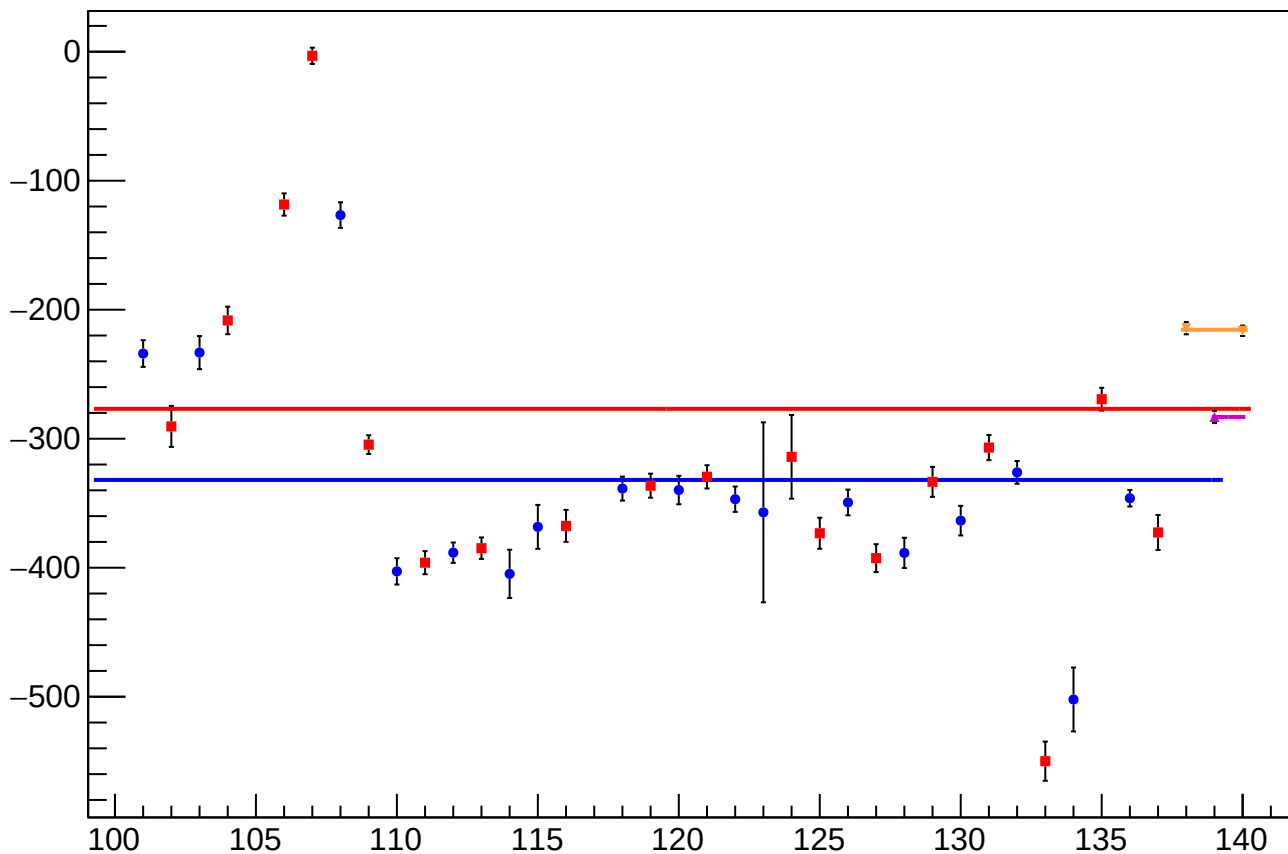
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 20.648 $\pm$ 1.356 χ^2 /NDF: 421.0/17

Out: 16.684 $\pm$ 1.105 χ^2 /NDF: 419.8/19

All: 18.265 $\pm$ 0.857 χ^2 /NDF: 845.9/37

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -215.479+/-3.070 χ^2/NDF : 0.1/1

Right Out: -276.804+/-2.329 χ^2/NDF : 3330.4/17

Left In: -283.108+/-4.737 χ^2/NDF : 0.0/0

Left: -235.489+/-2.576 χ^2/NDF : 143.6/2

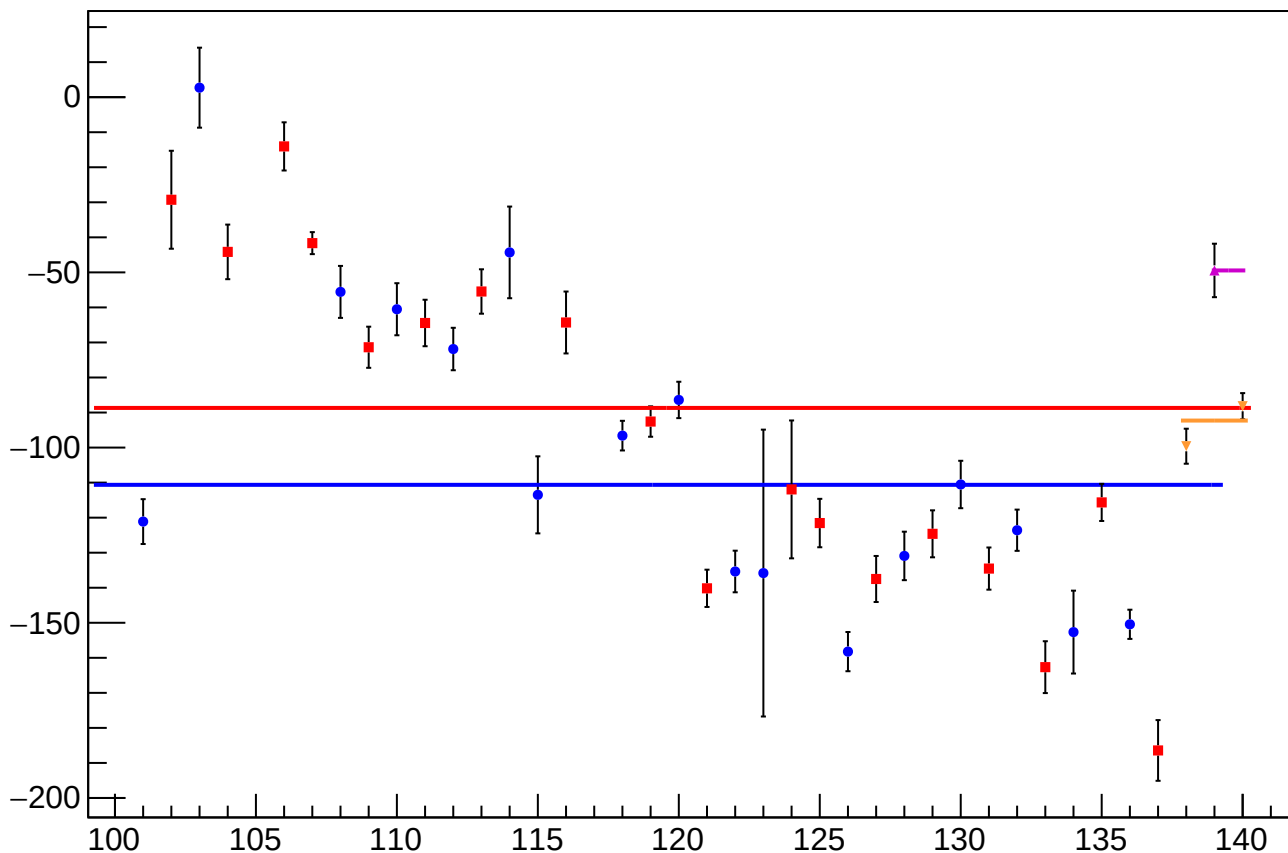
Right: -301.706+/-1.725 χ^2/NDF : 4369.1/34

In: -320.861+/-2.257 χ^2/NDF : 867.8/17

Out: -254.400+/-1.856 χ^2/NDF : 3583.7/19

All: -281.208+/-1.433 χ^2/NDF : 4968.8/37

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -92.291+/-2.993 χ^2/NDF : 3.3/1

Right Out: -88.683+/-1.434 χ^2/NDF : 964.0/17

Left In: -49.448+/-7.631 χ^2/NDF : 0.0/0

Left: -86.581+/-2.786 χ^2/NDF : 30.7/2

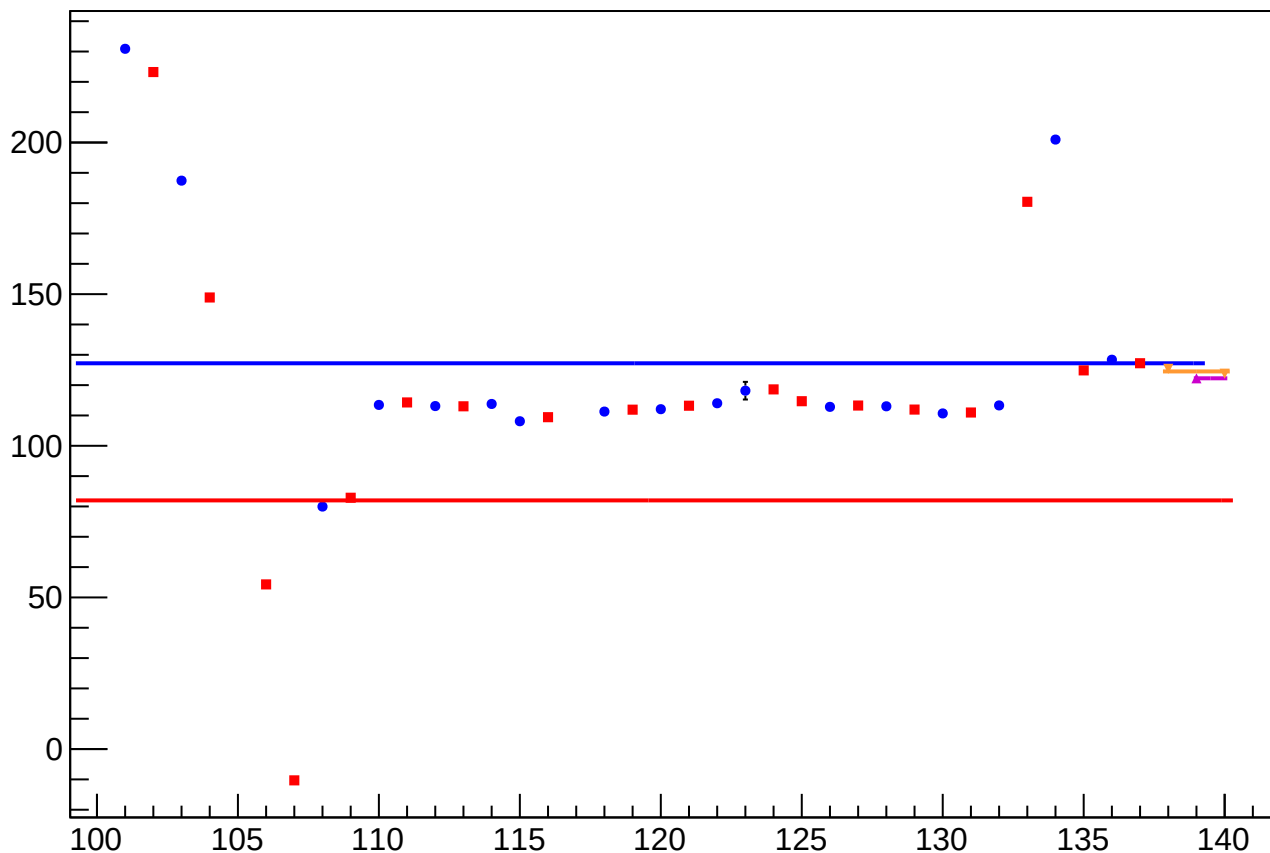
Right: -98.593+/-1.062 χ^2/NDF : 1578.5/34

In: -108.114+/-1.548 χ^2/NDF : 570.5/17

Out: -89.357+/-1.294 χ^2/NDF : 968.5/19

All: -97.068+/-0.993 χ^2/NDF : 1625.4/37

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 124.521 $\pm$ 0.128 χ^2 /NDF:38.9/1

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 122.254 $\pm$ 0.168 χ^2 /NDF:0.0/0

Left: 123.684 $\pm$ 0.102 χ^2 /NDF: 154.1/2

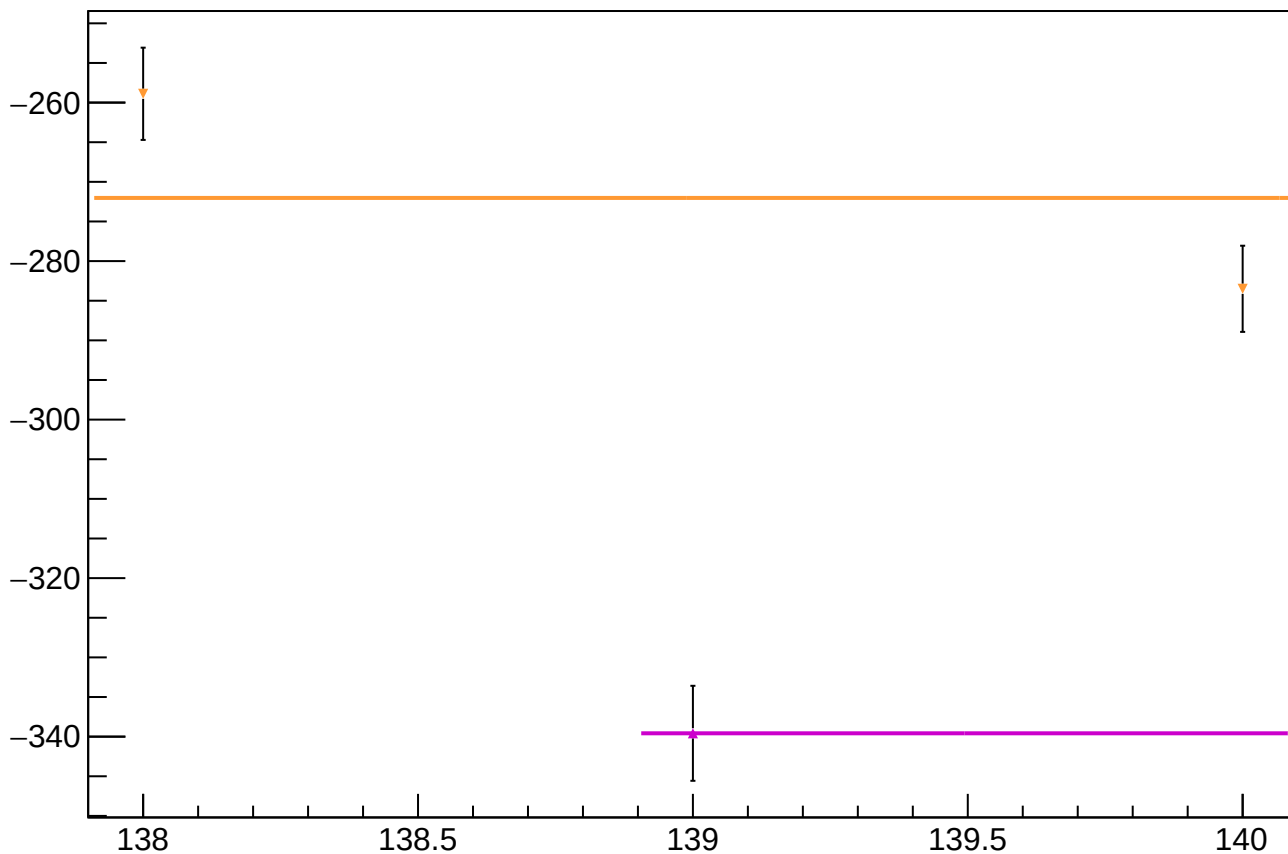
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 126.115 $\pm$ 0.079 χ^2 /NDF:188705.4/17

Out: 92.912 $\pm$ 0.065 χ^2 /NDF:831350.7/19

All: 106.393 $\pm$ 0.050 χ^2 /NDF: 1125743.0/37

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -272.030+/-3.973 χ^2/NDF : 9.5/1

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

Left In: -339.578+/-5.993 χ^2/NDF : 0.0/0

Left: -292.651+/-3.311 χ^2/NDF : 97.8/2

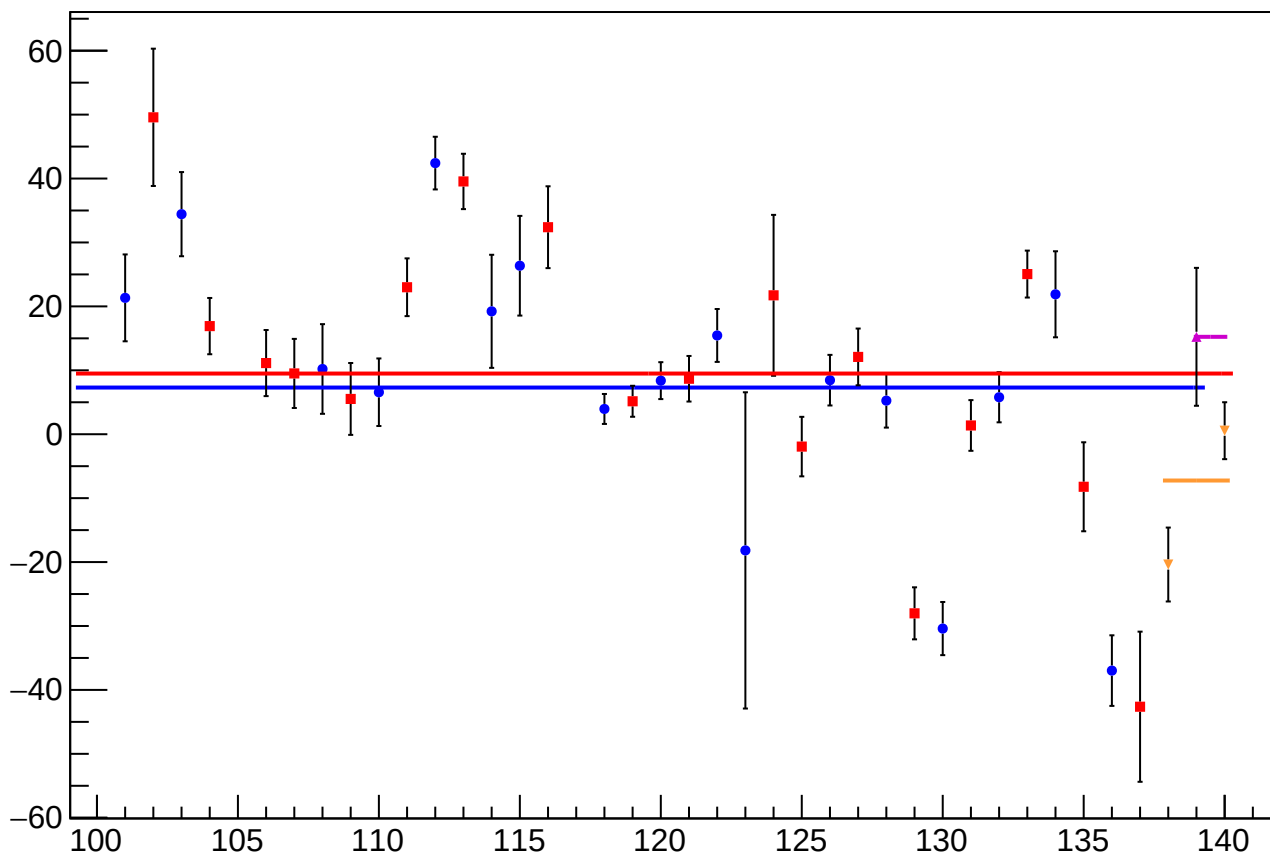
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -339.578+/-5.993 χ^2/NDF : 0.0/0

Out: -272.030+/-3.973 χ^2/NDF : 9.5/1

All: -292.651+/-3.311 χ^2/NDF : 97.8/2

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: -7.242 ± 3.528 χ^2/NDF : 8.2/1

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 15.238 ± 10.788 χ^2/NDF : 0.0/0

Left: -5.071 ± 3.353 χ^2/NDF : 12.2/2

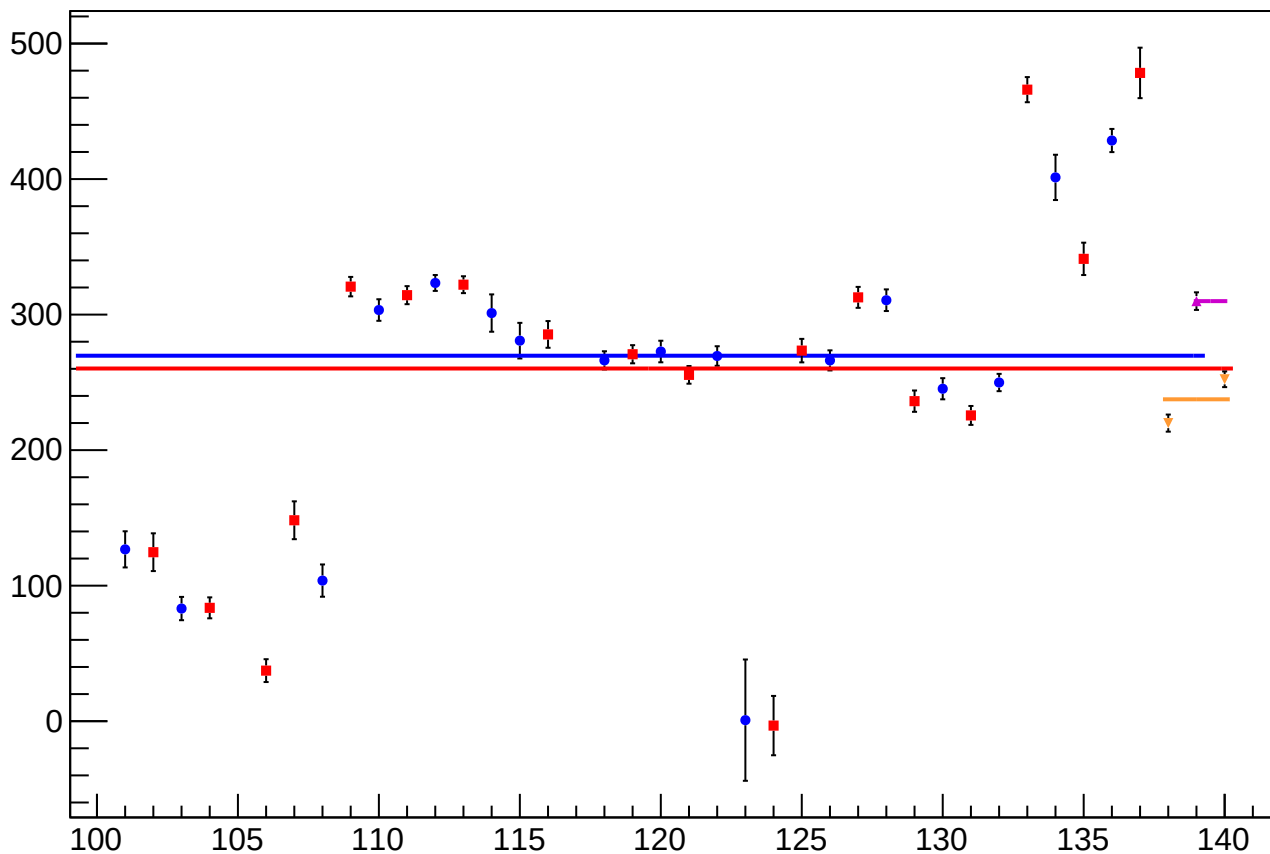
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 7.382 ± 1.080 χ^2/NDF : 261.2/17

Out: 8.075 ± 1.027 χ^2/NDF : 260.0/19

All: 7.746 ± 0.744 χ^2/NDF : 521.4/37

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2/NDF : 1376.6/16

Left Out: 237.498 $\pm$ 4.265 χ^2/NDF :14.3/1

Right Out: 260.226 $\pm$ 1.979 χ^2/NDF : 2528.0/17

Left In: 309.944 $\pm$ 6.490 χ^2/NDF :0.0/0

Left: 259.347 $\pm$ 3.564 χ^2/NDF : 101.3/2

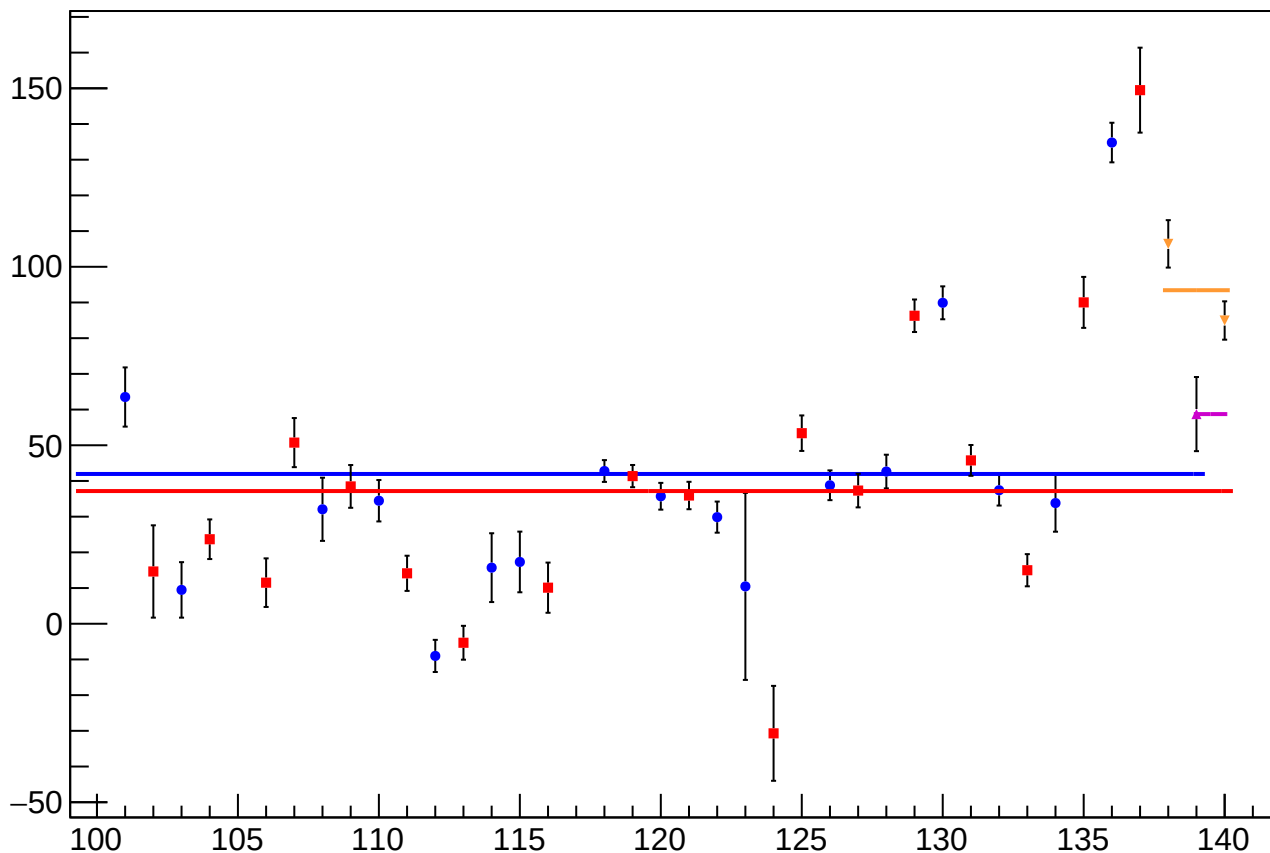
Right: 264.719 $\pm$ 1.432 χ^2/NDF : 3915.4/34

In: 273.403 $\pm$ 1.977 χ^2/NDF :1411.5/17

Out: 256.200 $\pm$ 1.795 χ^2/NDF :2565.6/19

All: 263.972 $\pm$ 1.329 χ^2/NDF : 4018.6/37

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 93.437 $\pm$ 4.178 χ^2 /NDF: 6.3/1

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 58.735 $\pm$ 10.384 χ^2 /NDF: 0.0/0

Left: 88.602 $\pm$ 3.876 χ^2 /NDF: 15.9/2

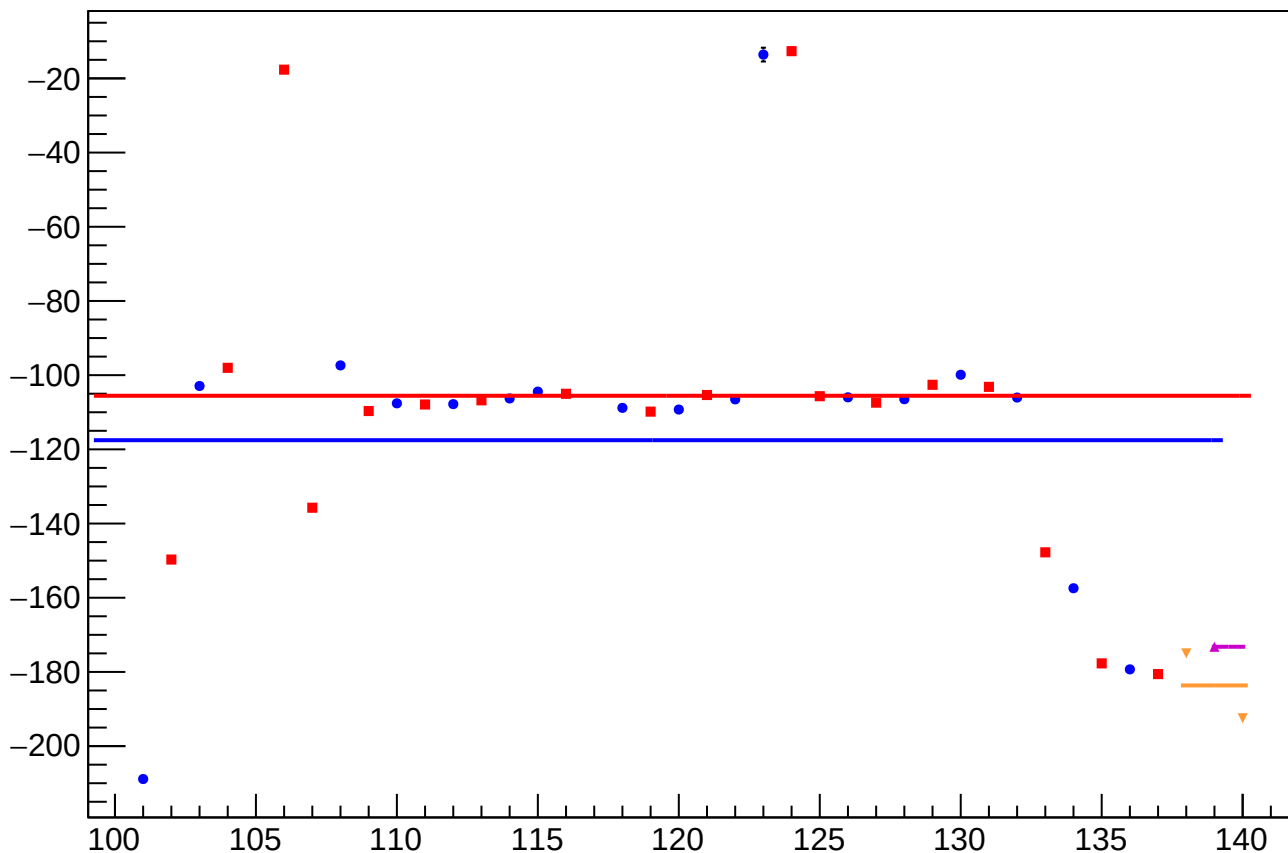
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 42.202 $\pm$ 1.249 χ^2 /NDF: 576.8/17

Out: 41.700 $\pm$ 1.185 χ^2 /NDF: 644.0/19

All: 41.938 $\pm$ 0.860 χ^2 /NDF: 1220.9/37

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -183.636+/-0.178 χ^2/NDF : 2410.2/1

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -173.214+/-0.228 χ^2/NDF : 0.0/0

Left: -179.695+/-0.140 χ^2/NDF : 3706.3/2

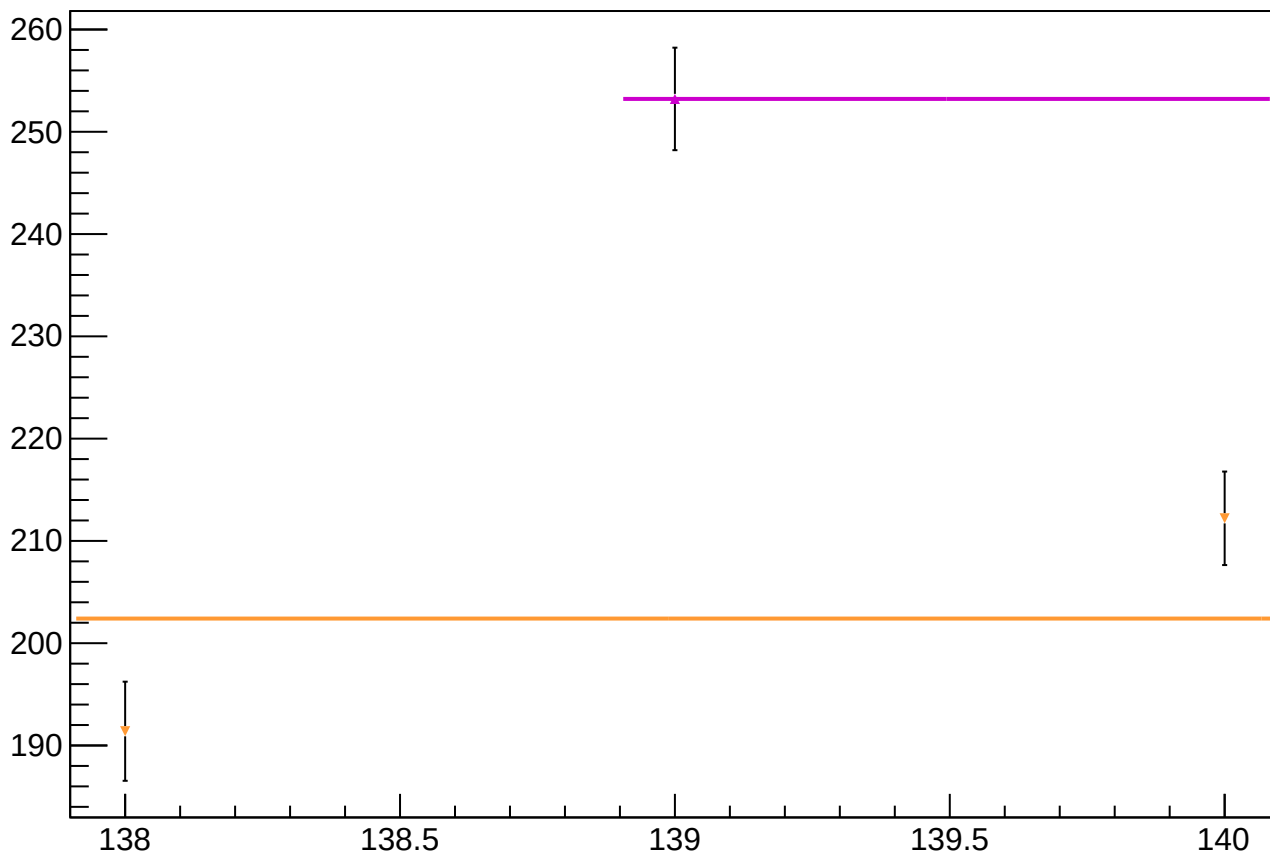
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -123.371+/-0.074 χ^2/NDF : 195296.0/17

Out: -116.760+/-0.067 χ^2/NDF : 484601.9/19

All: -119.764+/-0.050 χ^2/NDF : 684263.0/37

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 202.408+/-3.325 χ^2/NDF : 9.8/1

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

Left In: 253.213+/-5.011 χ^2/NDF : 0.0/0

Left: 217.938+/-2.770 χ^2/NDF : 81.1/2

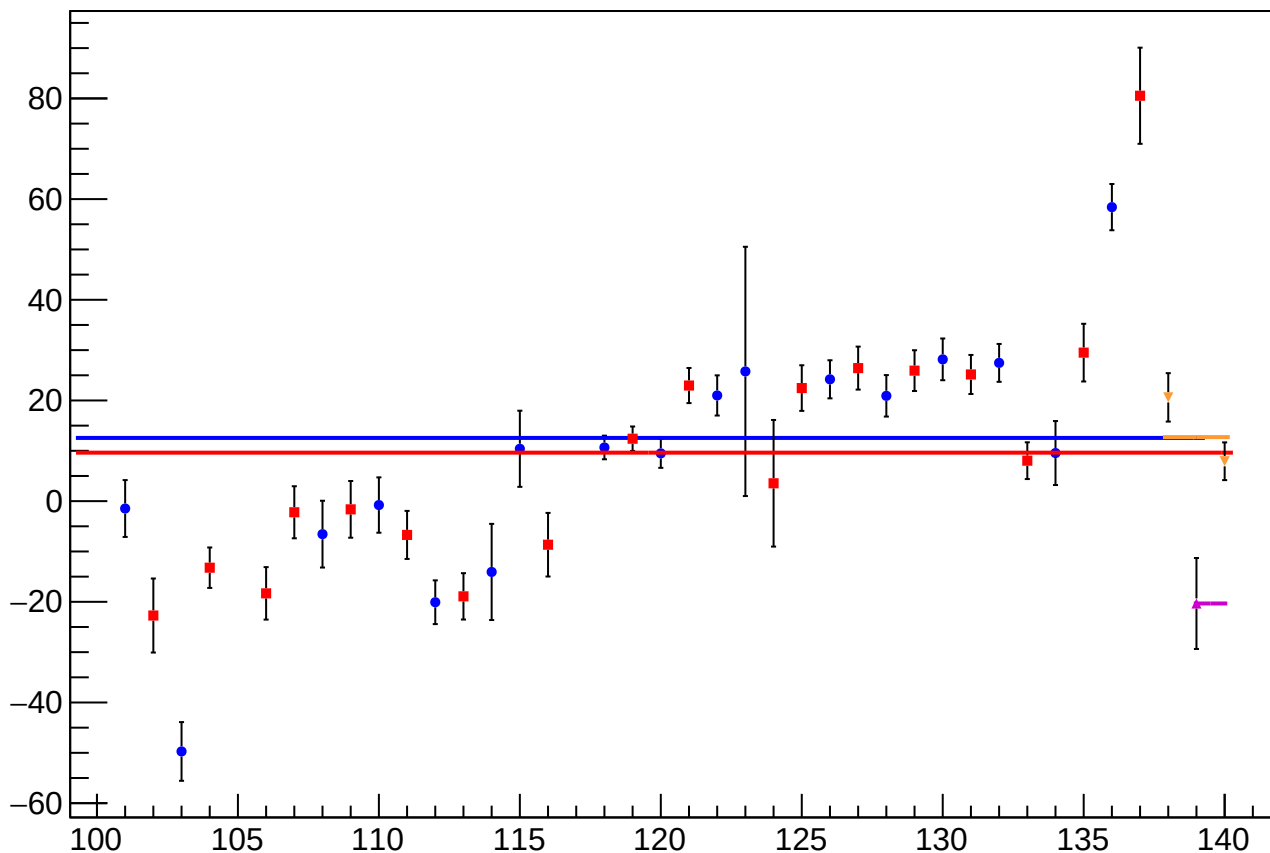
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.213+/-5.011 χ^2/NDF : 0.0/0

Out: 202.408+/-3.325 χ^2/NDF : 9.8/1

All: 217.938+/-2.770 χ^2/NDF : 81.1/2

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 12.718 $\pm$ 2.956 χ^2 /NDF:4.3/1

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -20.332 $\pm$ 9.033 χ^2 /NDF:0.0/0

Left: 9.521 $\pm$ 2.809 χ^2 /NDF: 16.4/2

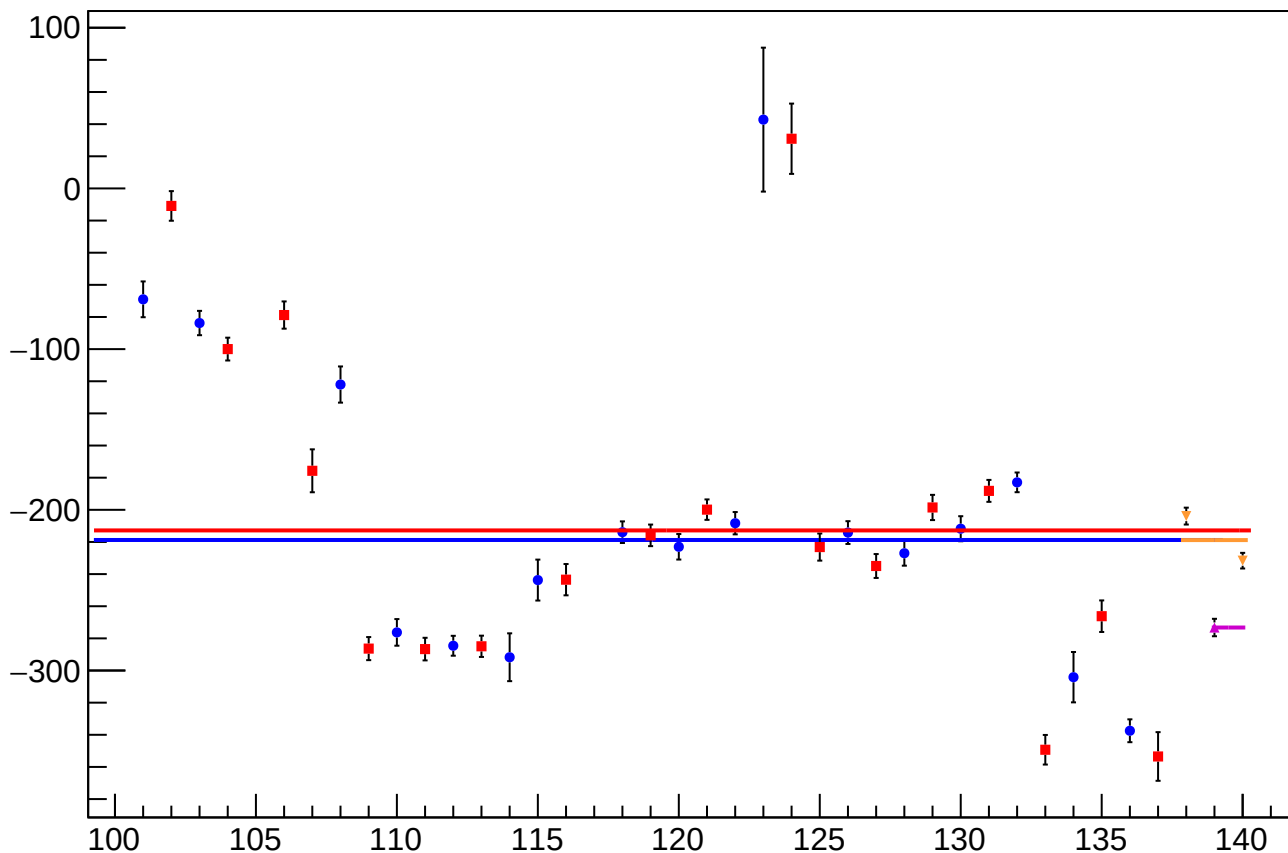
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 12.114 $\pm$ 1.050 χ^2 /NDF:361.6/17

Out: 9.977 $\pm$ 0.989 χ^2 /NDF:292.8/19

All: 10.981 $\pm$ 0.720 χ^2 /NDF: 656.6/37

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -218.834 ± 3.570 $\chi^2/\text{NDF}: 15.0/1$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -273.248 ± 5.425 $\chi^2/\text{NDF}: 0.0/0$

Left: -235.274 ± 2.982 $\chi^2/\text{NDF}: 85.2/2$

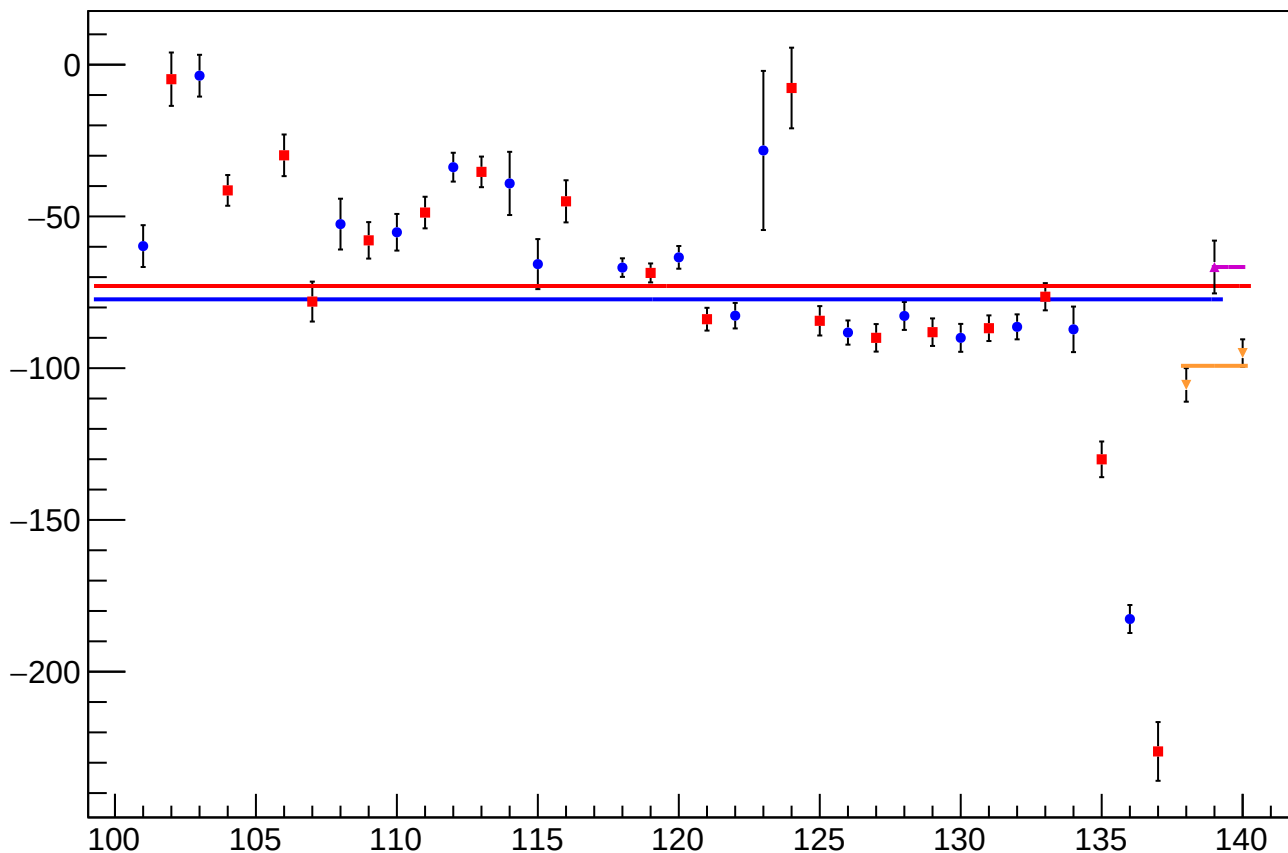
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -225.346 ± 1.885 $\chi^2/\text{NDF}: 1233.1/17$

Out: -214.174 ± 1.695 $\chi^2/\text{NDF}: 1841.7/19$

All: -219.169 ± 1.260 $\chi^2/\text{NDF}: 3094.2/37$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 $\pm$ 1.222 χ^2 /NDF: 817.7/16

Left Out: -99.223 $\pm$ 3.499 χ^2 /NDF: 2.2/1

Right Out: -72.922 $\pm$ 1.208 χ^2 /NDF: 660.8/17

Left In: -66.666 $\pm$ 8.696 χ^2 /NDF: 0.0/0

Left: -94.686 $\pm$ 3.246 χ^2 /NDF: 14.2/2

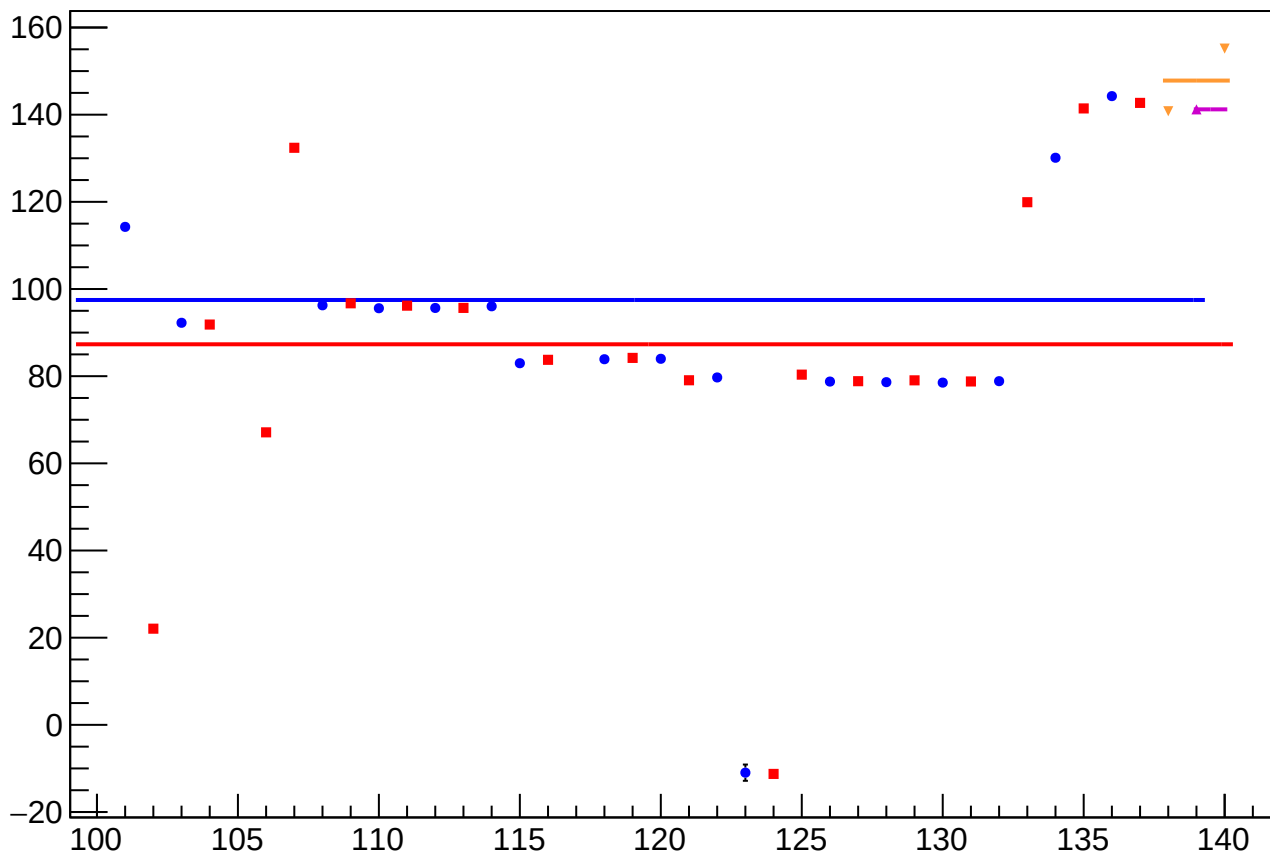
Right: -75.095 $\pm$ 0.859 χ^2 /NDF: 1485.1/34

In: -77.113 $\pm$ 1.210 χ^2 /NDF: 819.2/17

Out: -75.722 $\pm$ 1.142 χ^2 /NDF: 713.5/19

All: -76.377 $\pm$ 0.830 χ^2 /NDF: 1533.3/37

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 147.826+/-0.149 χ^2/NDF : 2328.5/1

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 141.220+/-0.191 χ^2/NDF : 0.0/0

Left: 145.332+/-0.117 χ^2/NDF : 3071.7/2

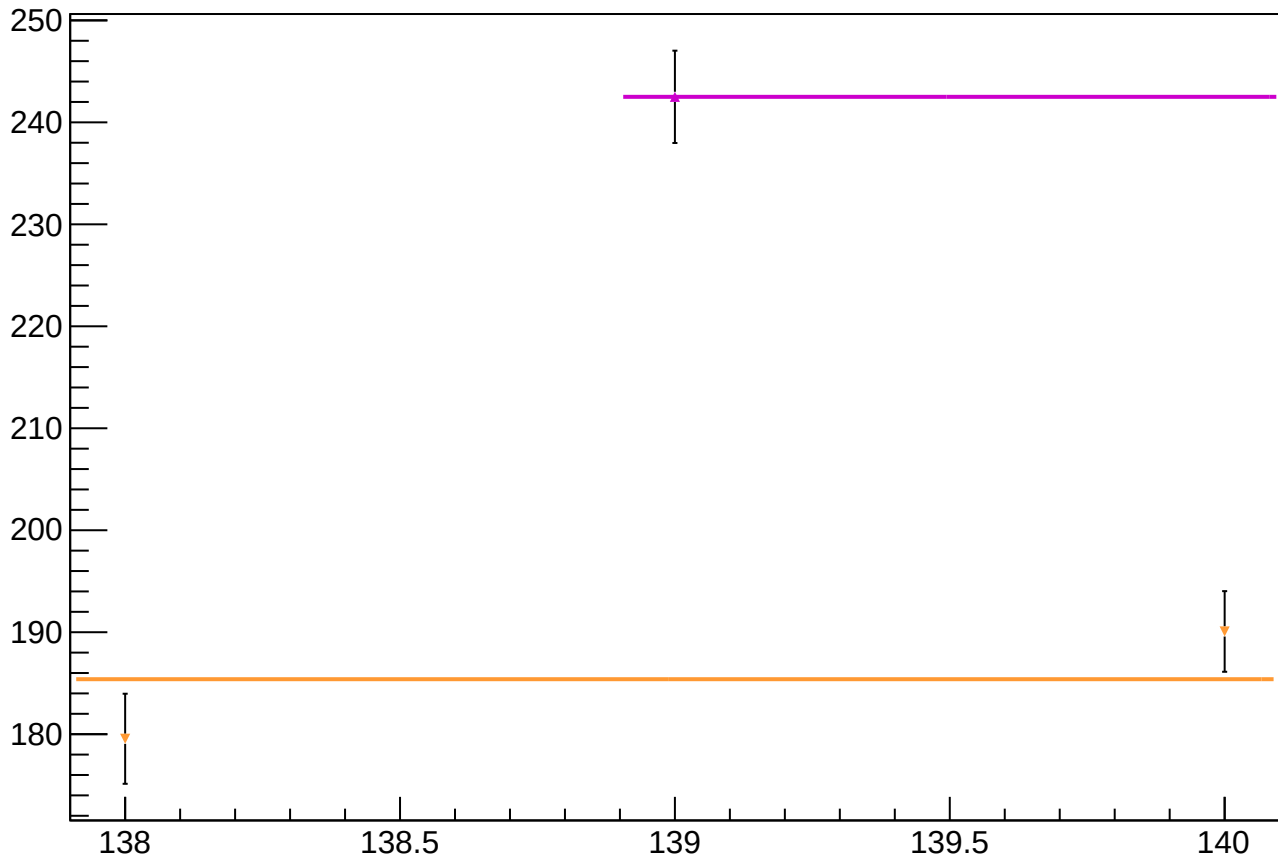
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 103.098+/-0.068 χ^2/NDF : 140023.6/17

Out: 97.846+/-0.062 χ^2/NDF : 360589.6/19

All: 100.216+/-0.046 χ^2/NDF : 503840.1/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 185.393+/-2.946 χ^2/NDF : 3.2/1

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

Left In: 242.503+/-4.526 χ^2/NDF : 0.0/0

Left: 202.384+/-2.469 χ^2/NDF : 115.0/2

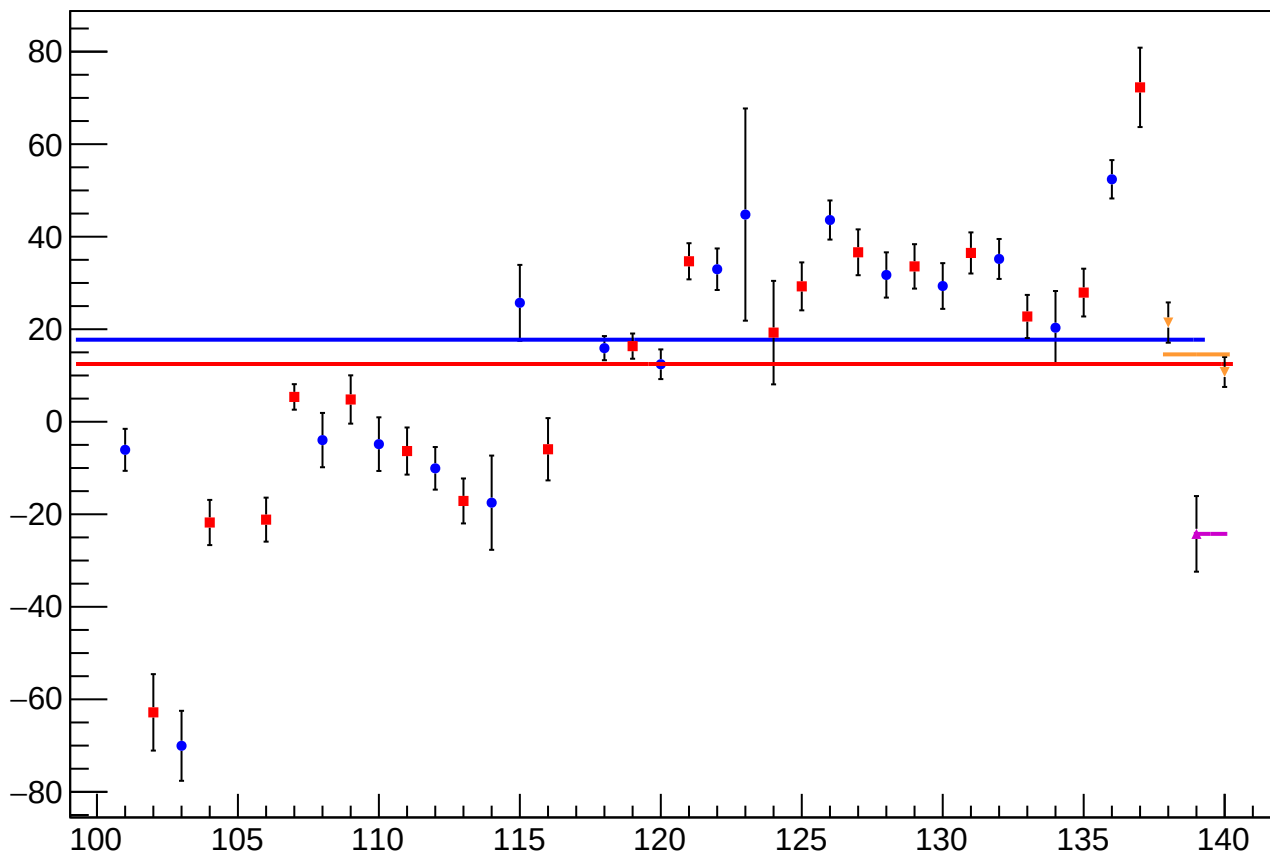
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.503+/-4.526 χ^2/NDF : 0.0/0

Out: 185.393+/-2.946 χ^2/NDF : 3.2/1

All: 202.384+/-2.469 χ^2/NDF : 115.0/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 14.563 $\pm$ 2.598 χ^2 /NDF: 3.9/1

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -24.236 $\pm$ 8.174 χ^2 /NDF: 0.0/0

Left: 11.002 $\pm$ 2.476 χ^2 /NDF: 24.3/2

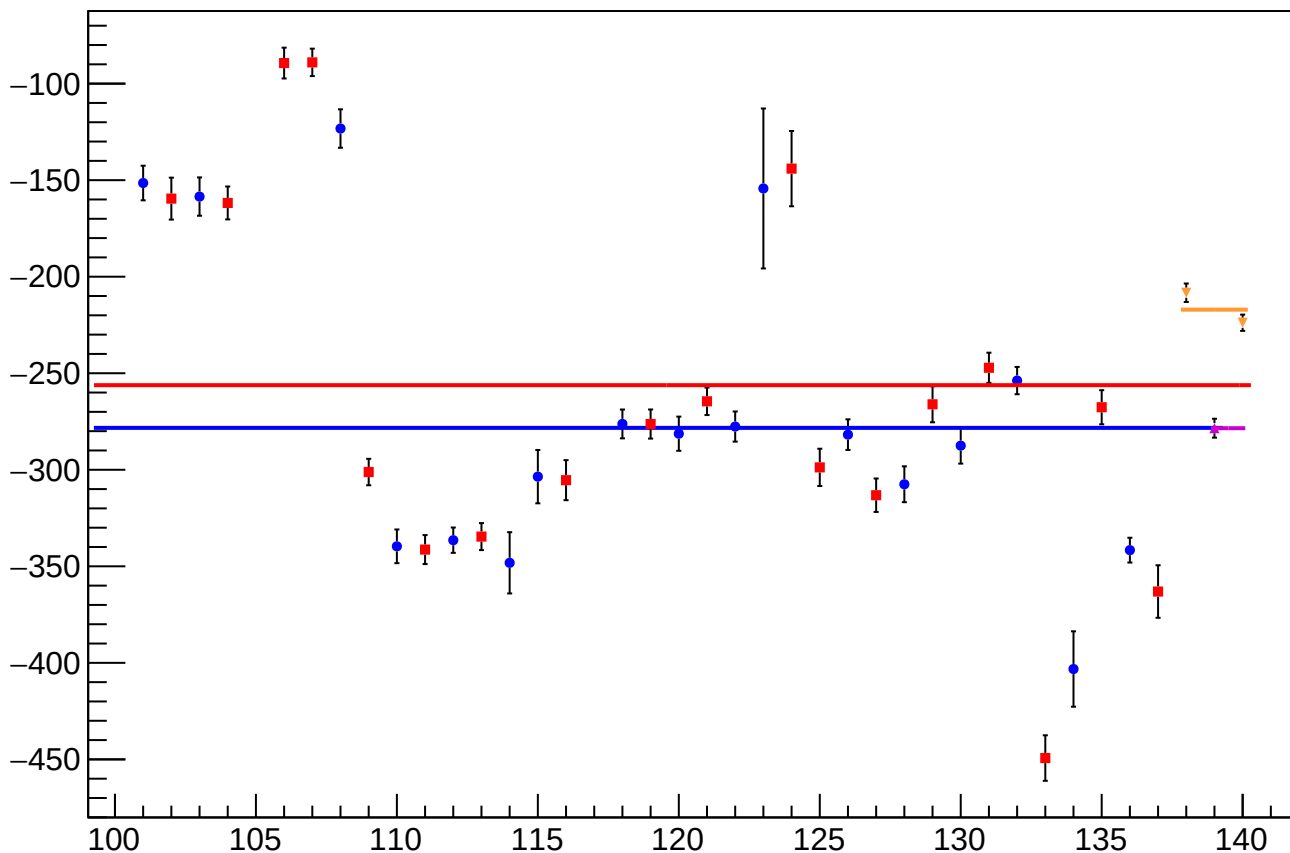
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 16.924 $\pm$ 1.137 χ^2 /NDF: 419.8/17

Out: 12.793 $\pm$ 1.001 χ^2 /NDF: 433.6/19

All: 14.597 $\pm$ 0.752 χ^2 /NDF: 860.9/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -217.067+/-3.161 χ^2/NDF : 5.9/1

Right Out: -256.177+/-2.025 χ^2/NDF : 1952.2/17

Left In: -278.471+/-4.899 χ^2/NDF : 0.0/0

Left: -235.118+/-2.656 χ^2/NDF : 116.8/2

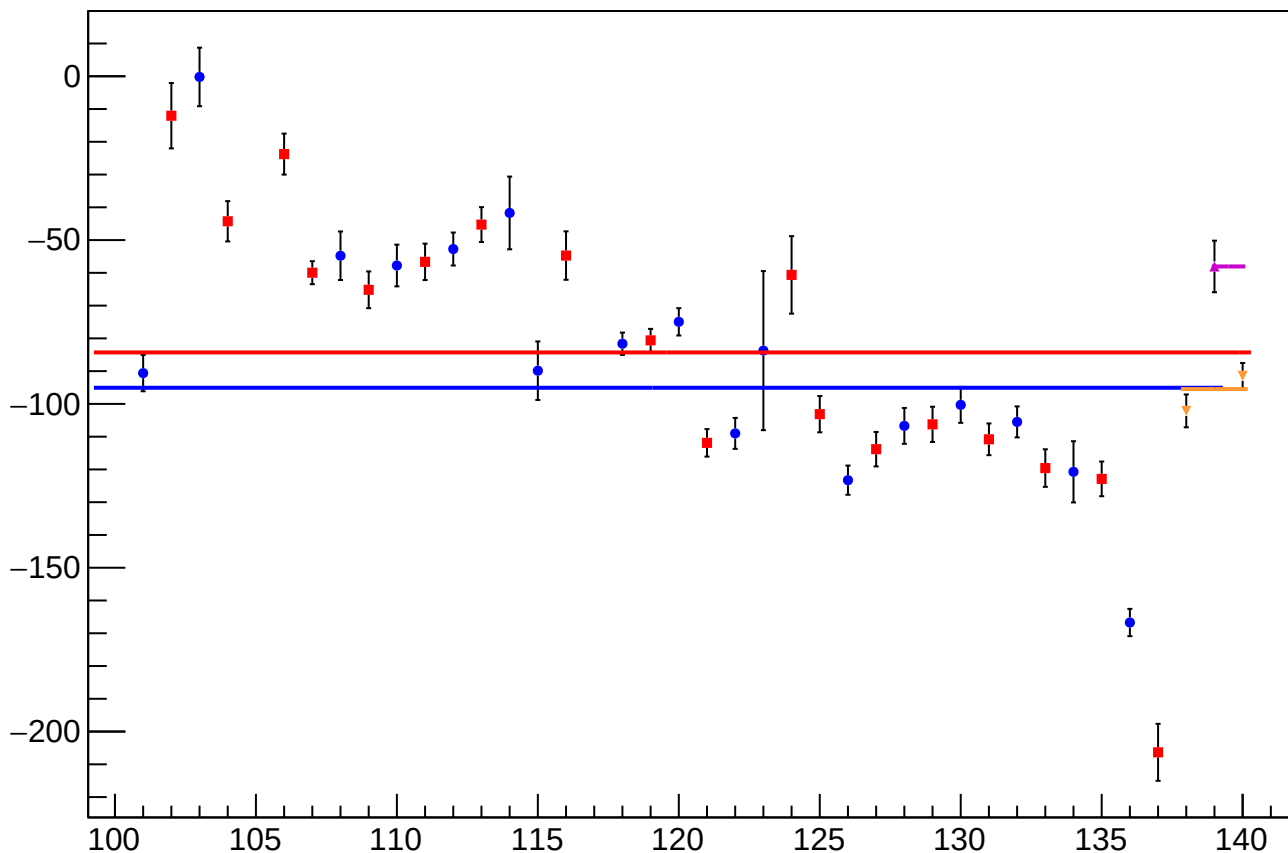
Right: -266.460+/-1.481 χ^2/NDF : 2917.6/34

In: -278.323+/-1.986 χ^2/NDF : 910.0/17

Out: -244.800+/-1.705 χ^2/NDF : 2066.7/19

All: -259.027+/-1.294 χ^2/NDF : 3140.7/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -95.472 ± 3.082 χ^2/NDF : 2.8/1

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -58.051 ± 7.870 χ^2/NDF : 0.0/0

Left: -90.497 ± 2.869 χ^2/NDF : 22.4/2

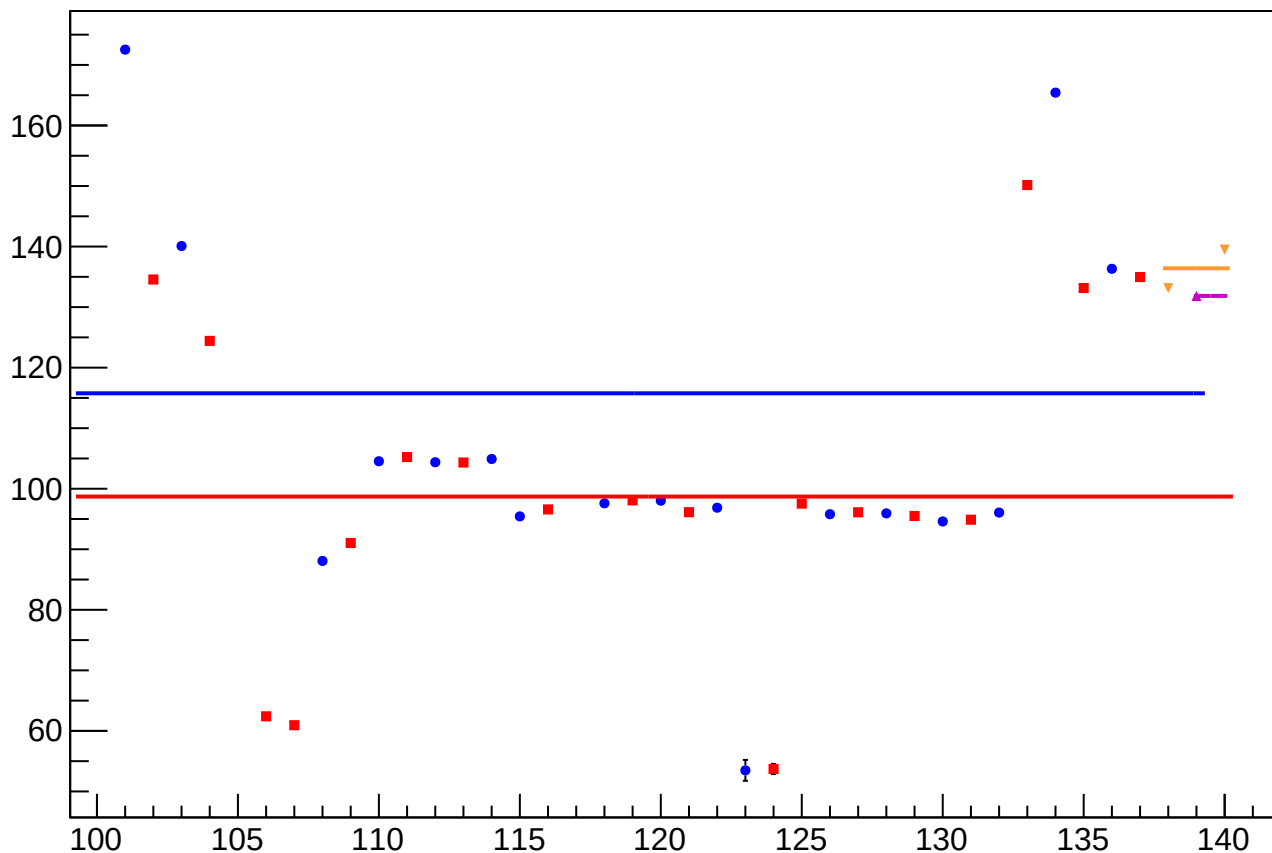
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -94.053 ± 1.307 χ^2/NDF : 694.7/17

Out: -85.888 ± 1.165 χ^2/NDF : 782.9/19

All: -89.503 ± 0.870 χ^2/NDF : 1499.4/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 136.414+/-0.132 χ^2/NDF : 576.6/1

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 131.848+/-0.173 χ^2/NDF : 0.0/0

Left: 134.729+/-0.105 χ^2/NDF : 1015.9/2

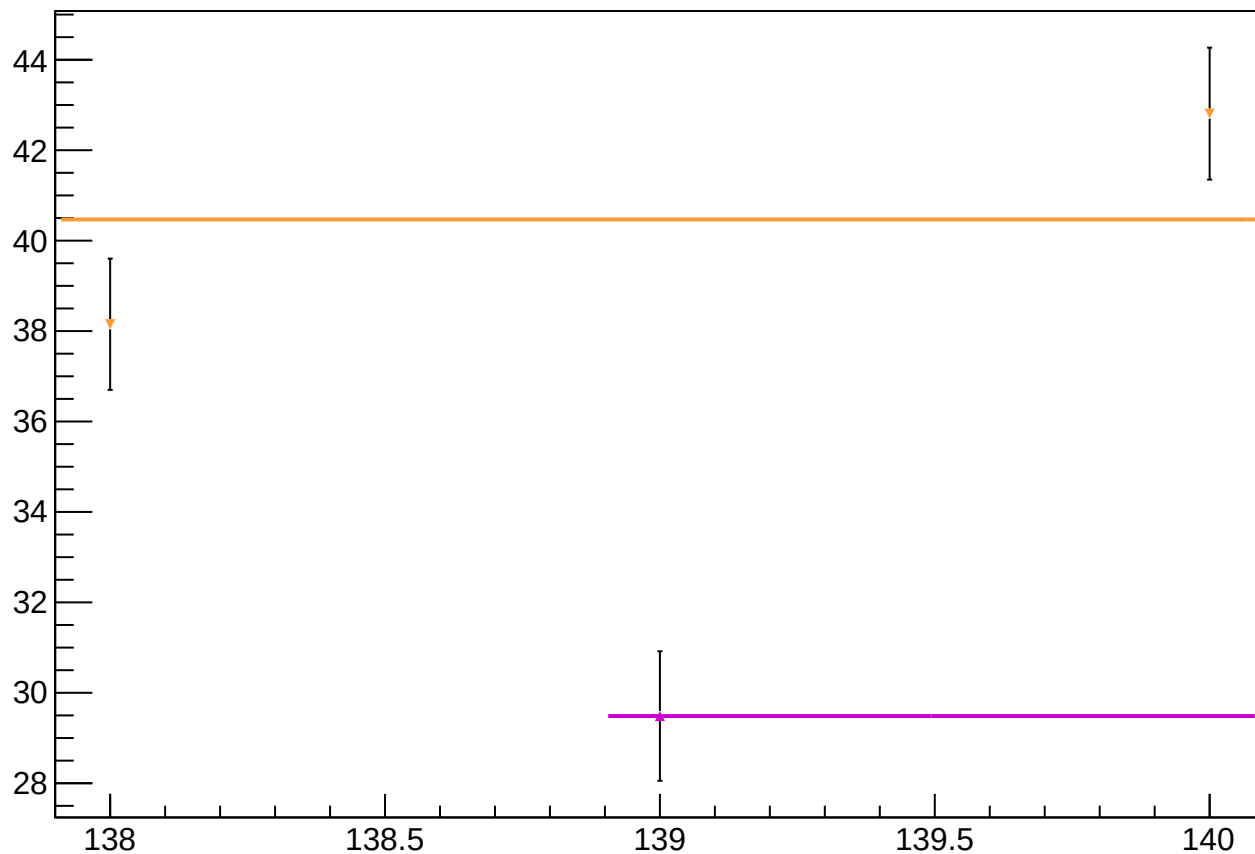
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 118.484+/-0.071 χ^2/NDF : 113476.9/17

Out: 106.722+/-0.061 χ^2/NDF : 234712.8/19

All: 111.701+/-0.046 χ^2/NDF : 363940.6/37

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 40.468+/-1.029 χ^2/NDF : 5.1/1

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

Left In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Left: 36.729+/-0.836 χ^2/NDF : 43.9/2

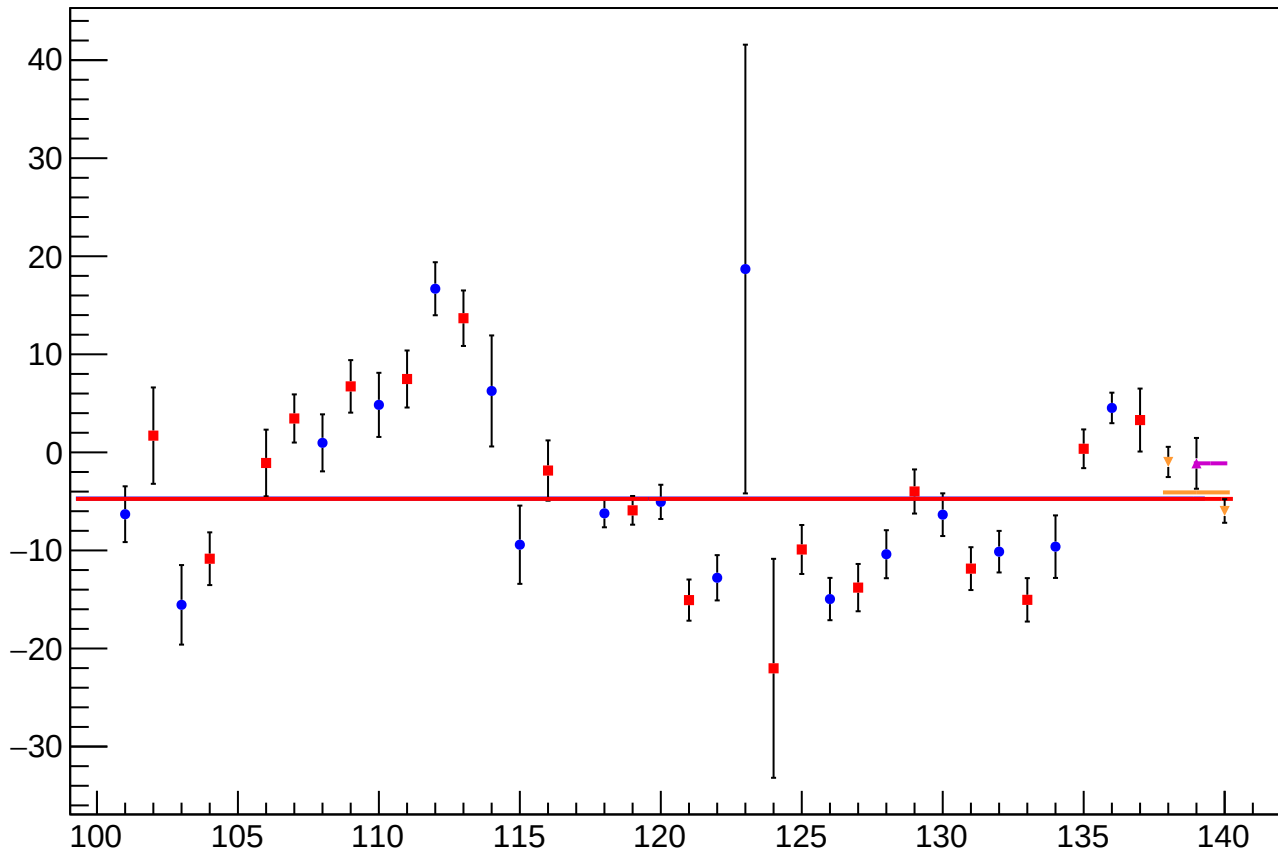
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.486+/-1.432 χ^2/NDF : 0.0/0

Out: 40.468+/-1.029 χ^2/NDF : 5.1/1

All: 36.729+/-0.836 χ^2/NDF : 43.9/2

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -4.082 ± 0.949 χ^2/NDF : 6.5/1

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.119 ± 2.590 χ^2/NDF : 0.0/0

Left: -3.731 ± 0.891 χ^2/NDF : 7.7/2

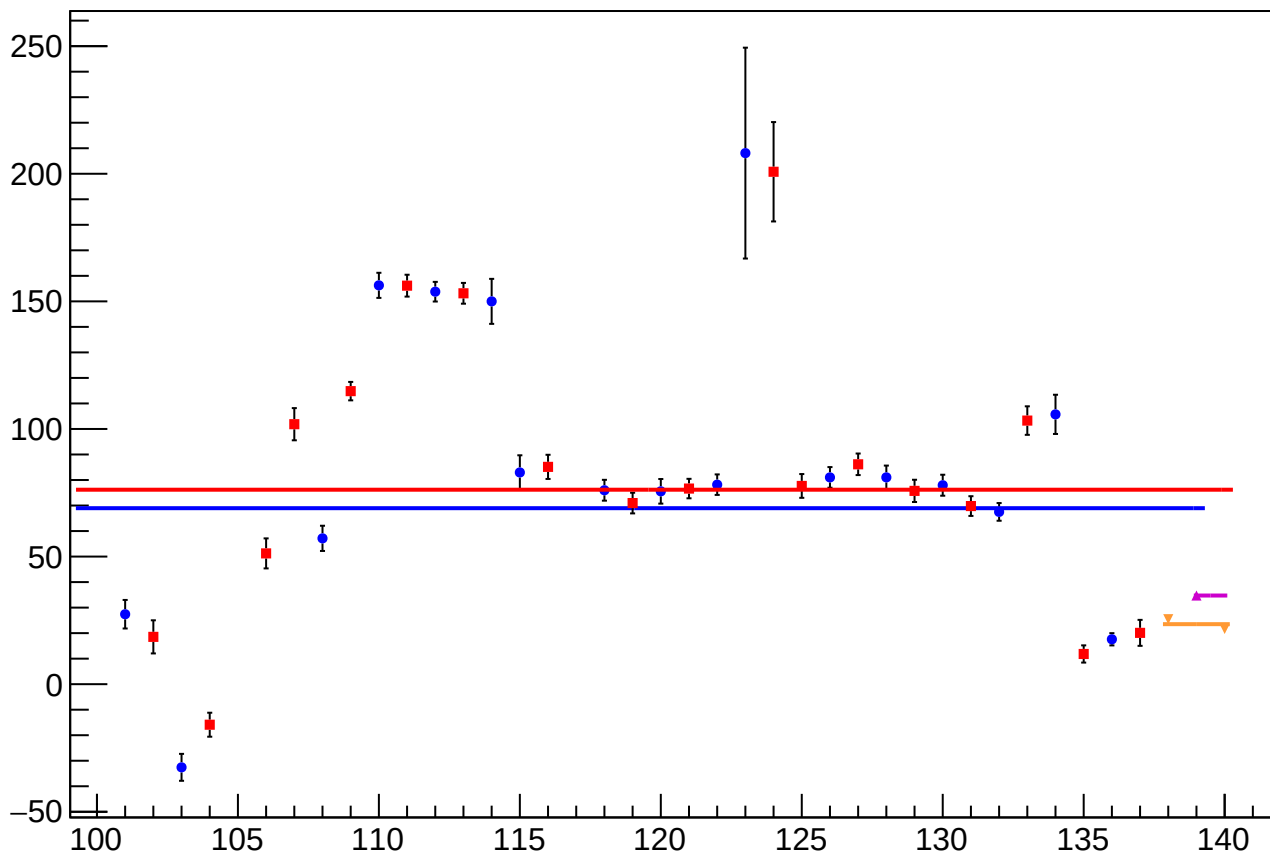
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.541 ± 0.567 χ^2/NDF : 176.5/17

Out: -4.562 ± 0.498 χ^2/NDF : 196.2/19

All: -4.553 ± 0.374 χ^2/NDF : 372.7/37

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 23.516 ± 1.106 $\chi^2/\text{NDF}: 3.0/1$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 34.736 ± 1.550 $\chi^2/\text{NDF}: 0.0/0$

Left: 27.303 ± 0.900 $\chi^2/\text{NDF}: 37.7/2$

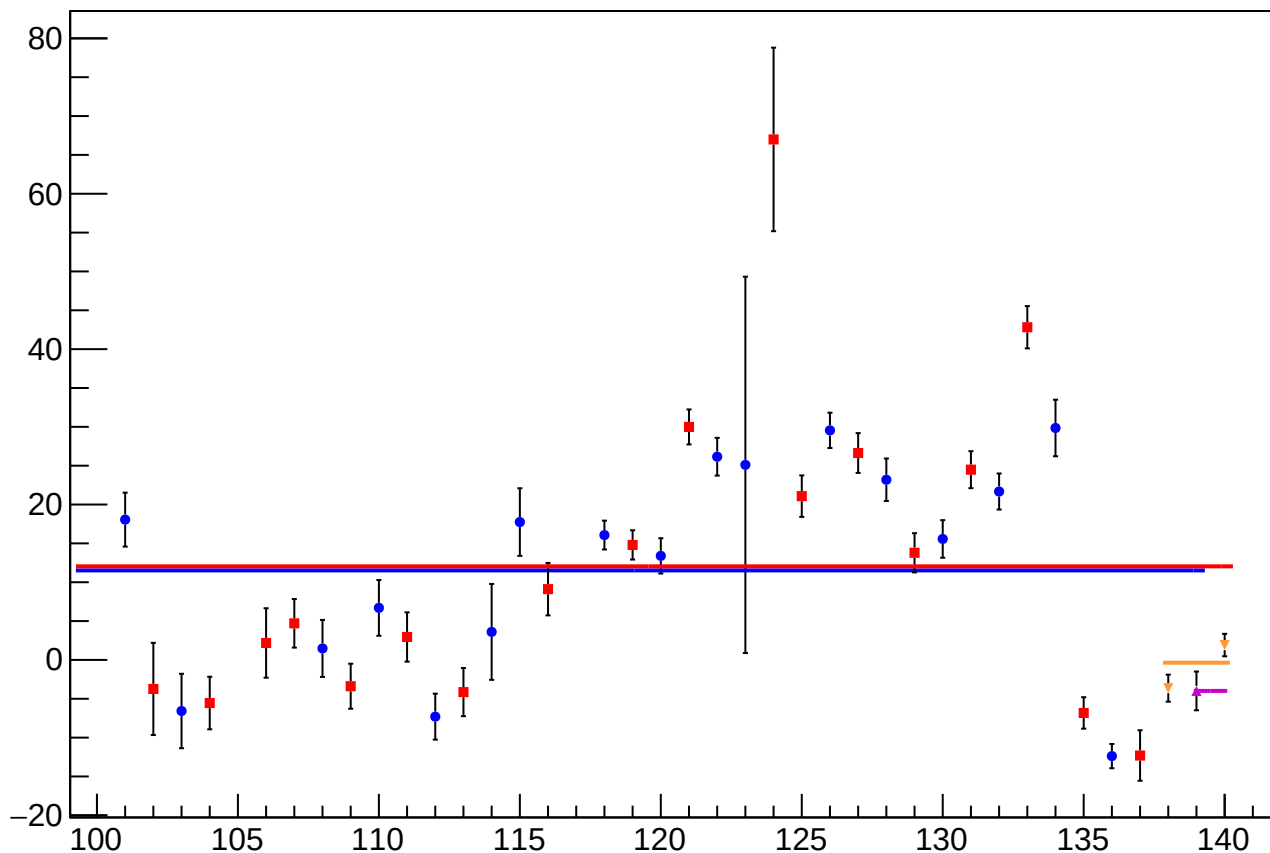
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 57.787 ± 0.885 $\chi^2/\text{NDF}: 2172.5/17$

Out: 50.705 ± 0.769 $\chi^2/\text{NDF}: 3054.9/19$

All: 53.752 ± 0.581 $\chi^2/\text{NDF}: 5263.9/37$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -0.353+/-1.111 χ^2/NDF : 6.0/1

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -3.988+/-2.495 χ^2/NDF : 0.0/0

Left: -0.955+/-1.015 χ^2/NDF : 7.8/2

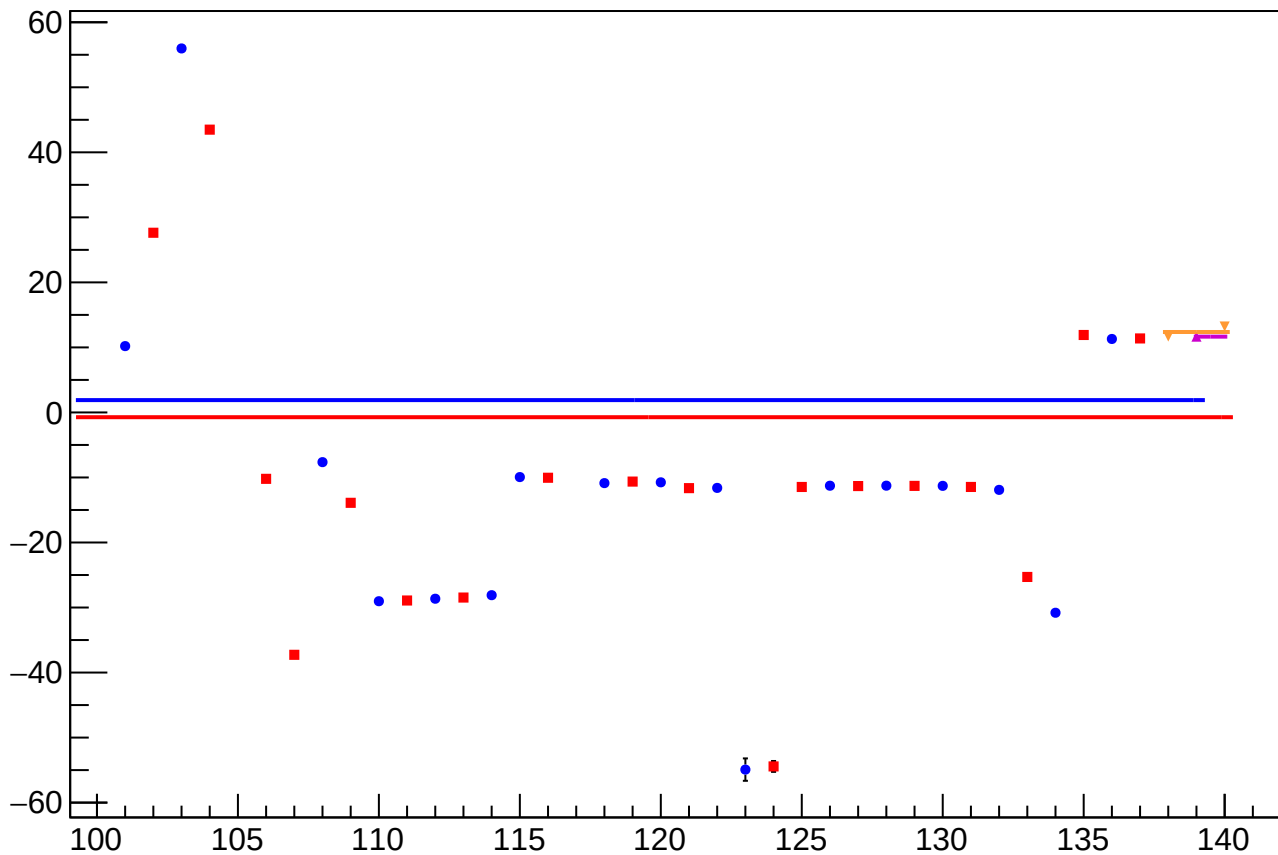
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 10.507+/-0.638 χ^2/NDF : 513.3/17

Out: 8.780+/-0.570 χ^2/NDF : 636.4/19

All: 9.548+/-0.425 χ^2/NDF : 1153.8/37

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 12.369 ± 0.045 χ^2/NDF : 285.1/1

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 11.656 ± 0.055 χ^2/NDF : 0.0/0

Left: 12.079 ± 0.035 χ^2/NDF : 385.8/2

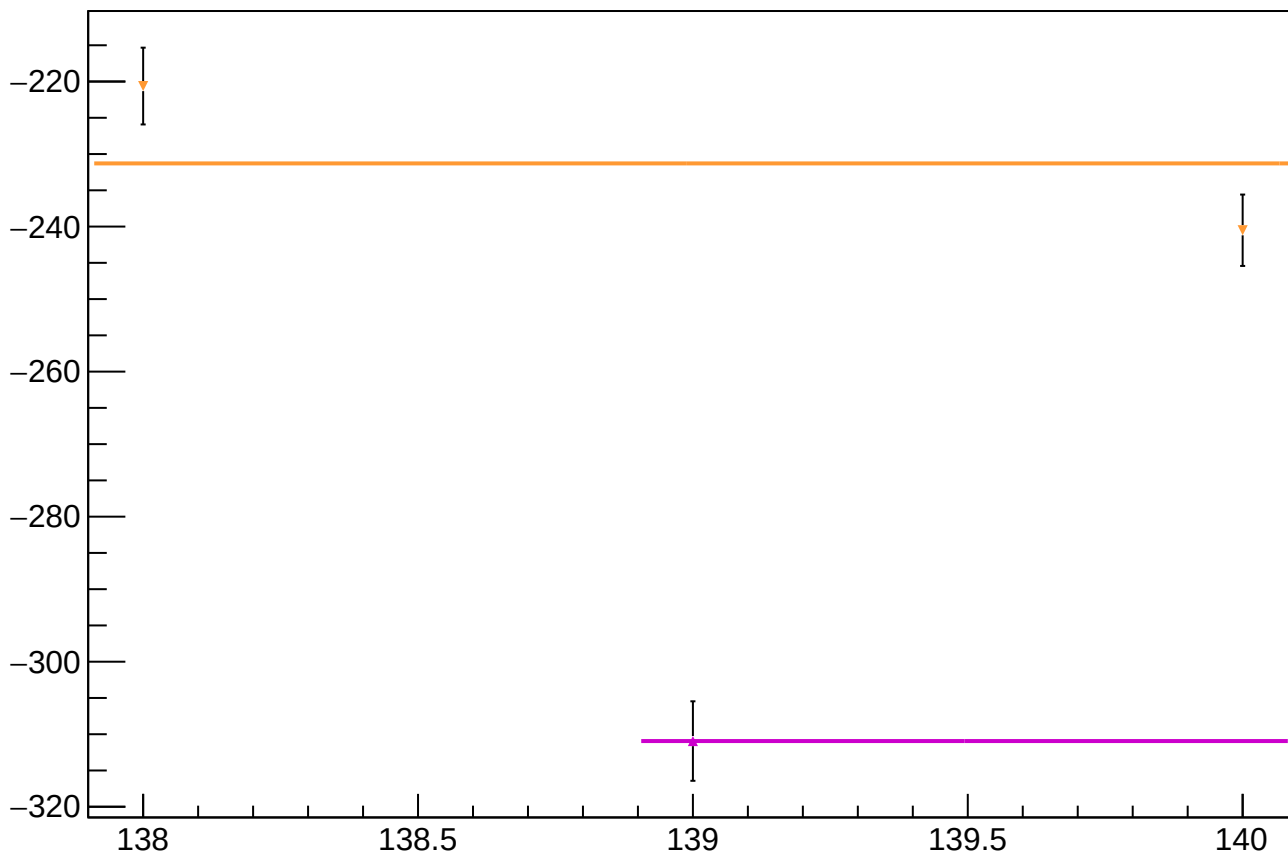
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 4.961 ± 0.031 χ^2/NDF : 380653.9/17

Out: 4.519 ± 0.029 χ^2/NDF : 410177.3/19

All: 4.726 ± 0.021 χ^2/NDF : 790941.6/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -231.291+/-3.604 χ^2/NDF : 7.6/1

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

Left In: -310.941+/-5.481 χ^2/NDF : 0.0/0

Left: -255.339+/-3.011 χ^2/NDF : 155.0/2

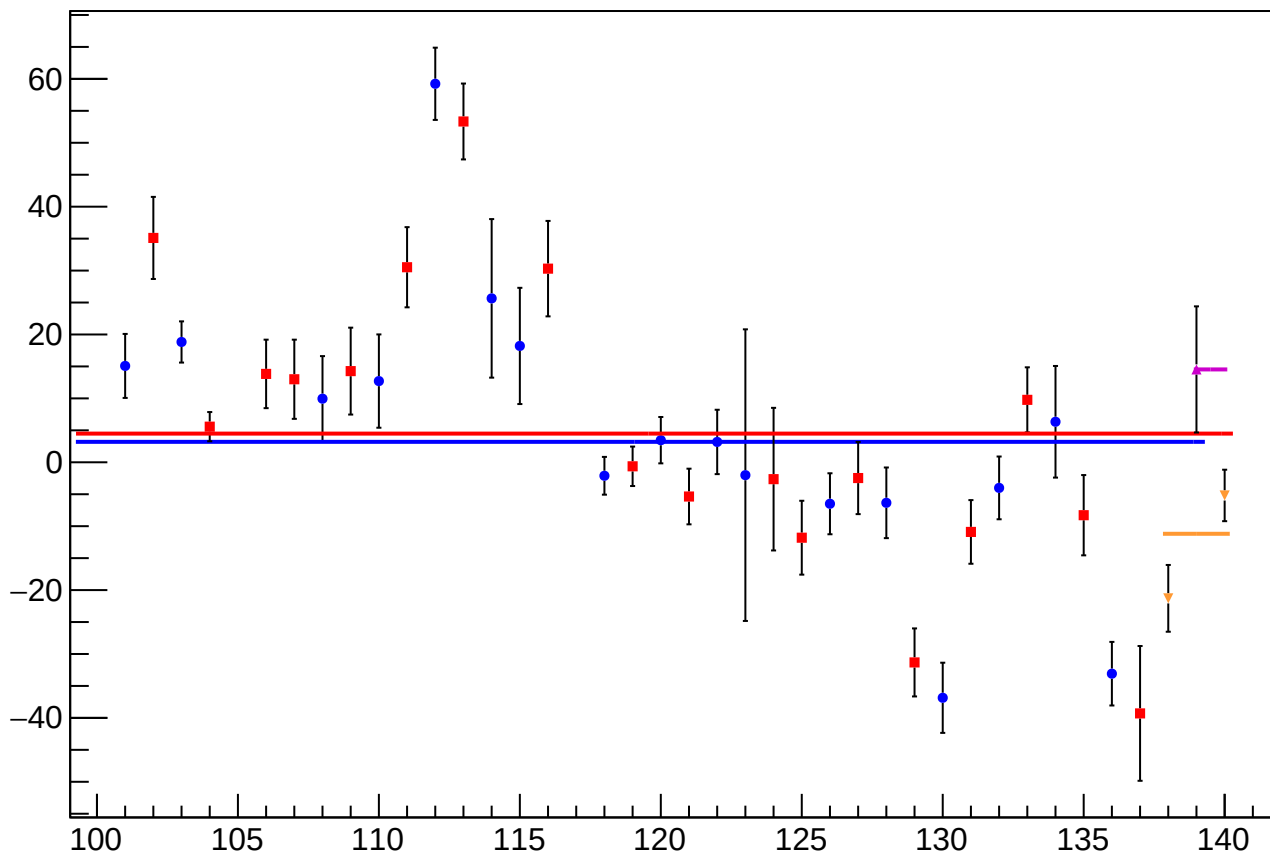
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -310.941+/-5.481 χ^2/NDF : 0.0/0

Out: -231.291+/-3.604 χ^2/NDF : 7.6/1

All: -255.339+/-3.011 χ^2/NDF : 155.0/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: -11.190 ± 3.189 χ^2/NDF : 6.0/1

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 14.531 ± 9.870 χ^2/NDF : 0.0/0

Left: -8.758 ± 3.035 χ^2/NDF : 12.1/2

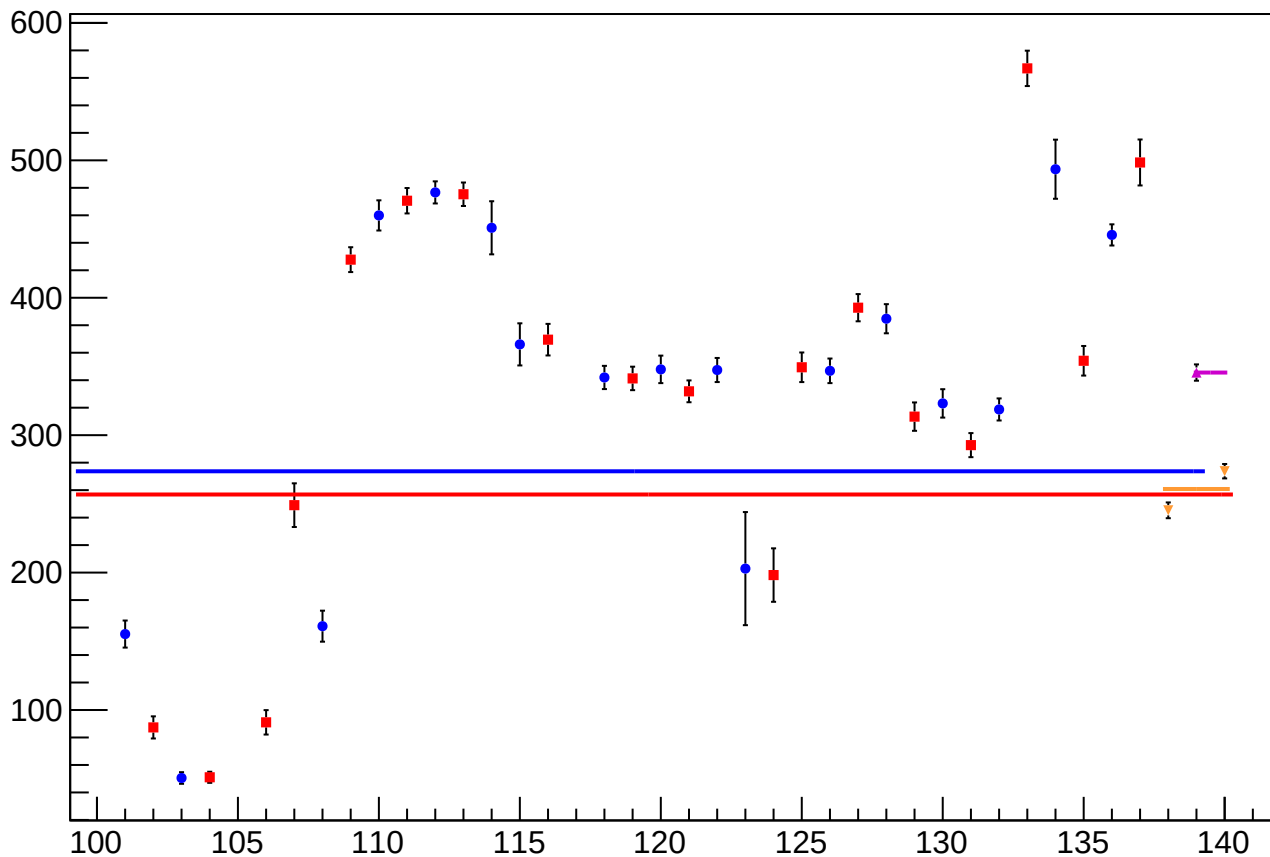
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 3.372 ± 1.218 χ^2/NDF : 256.5/17

Out: 2.661 ± 1.089 χ^2/NDF : 249.1/19

All: 2.977 ± 0.812 χ^2/NDF : 505.7/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2/NDF : 5103.3/16

Left Out: 260.834 $\pm$ 3.869 χ^2/NDF :13.4/1

Right Out: 256.826 $\pm$ 2.084 χ^2/NDF : 6411.8/17

Left In: 345.568 $\pm$ 5.935 χ^2/NDF :0.0/0

Left: 286.107 $\pm$ 3.241 χ^2/NDF : 156.5/2

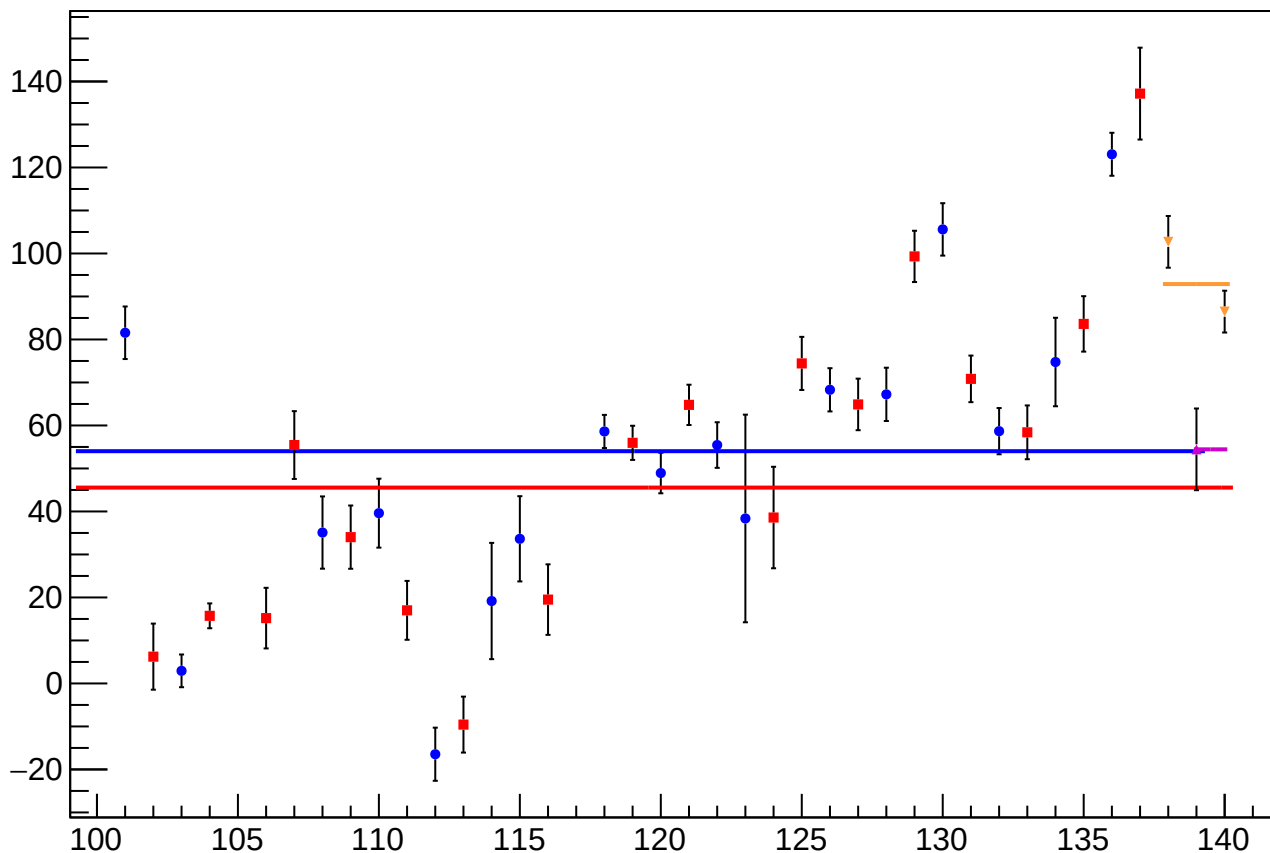
Right: 264.834 $\pm$ 1.511 χ^2/NDF : 11546.2/34

In: 282.359 $\pm$ 2.058 χ^2/NDF :5232.2/17

Out: 257.727 $\pm$ 1.835 χ^2/NDF :6426.0/19

All: 268.632 $\pm$ 1.370 χ^2/NDF : 11738.1/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 92.888 $\pm$ 3.781 χ^2 /NDF: 4.4/1

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 54.446 $\pm$ 9.501 χ^2 /NDF: 0.0/0

Left: 87.632 $\pm$ 3.513 χ^2 /NDF: 18.5/2

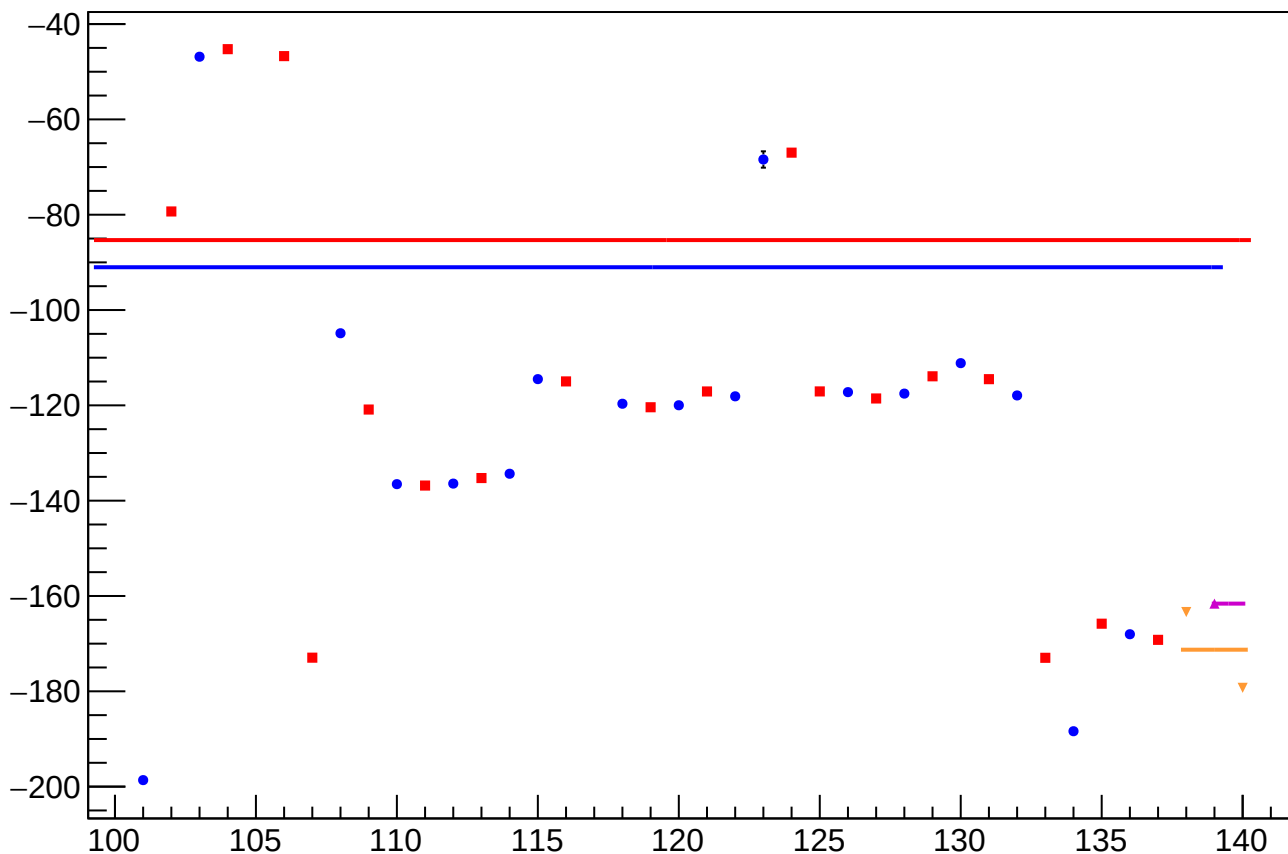
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 54.025 $\pm$ 1.408 χ^2 /NDF: 632.9/17

Out: 50.964 $\pm$ 1.278 χ^2 /NDF: 669.8/19

All: 52.348 $\pm$ 0.946 χ^2 /NDF: 1305.3/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -171.270+/-0.162 χ^2/NDF : 2418.6/1

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -161.601+/-0.209 χ^2/NDF : 0.0/0

Left: -167.648+/-0.128 χ^2/NDF : 3757.9/2

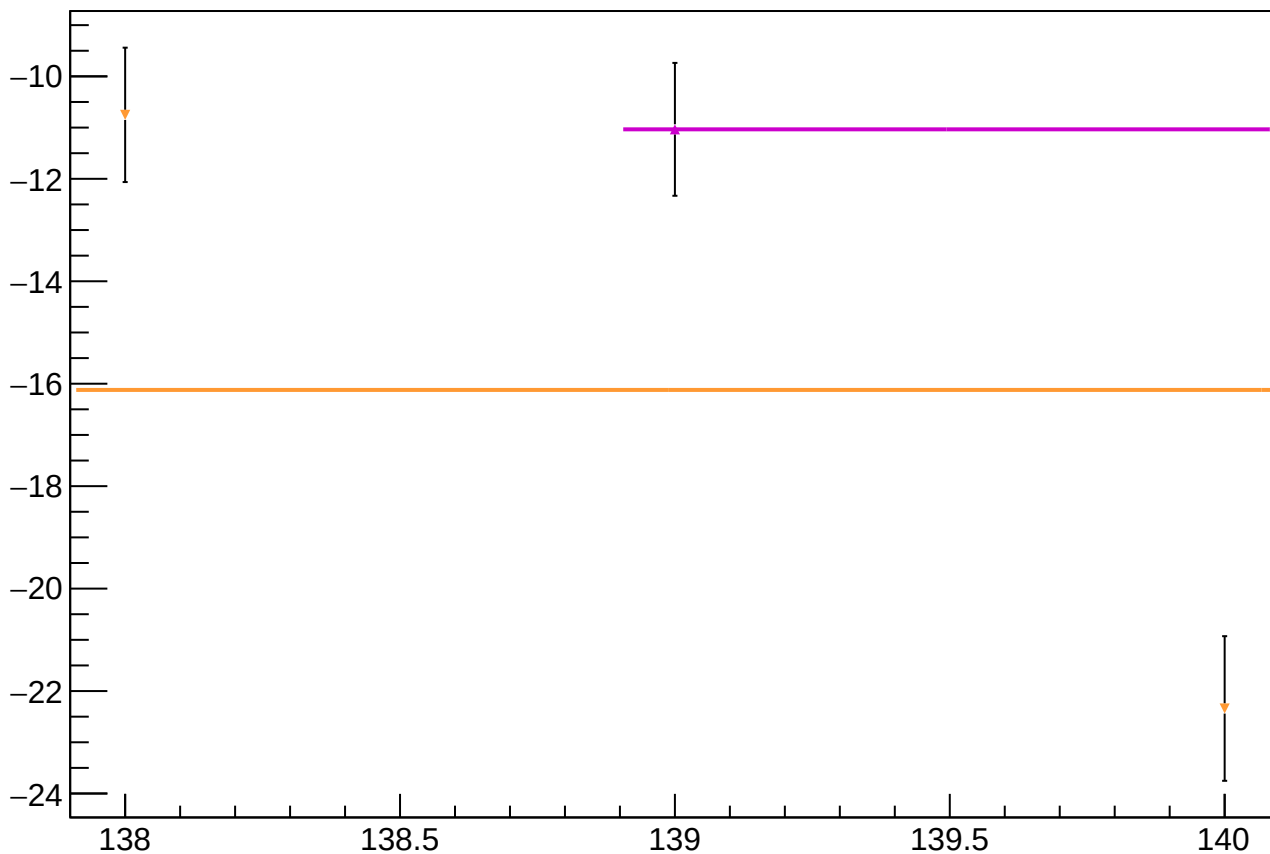
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -97.707+/-0.064 χ^2/NDF : 637574.0/17

Out: -97.334+/-0.060 χ^2/NDF : 728590.2/19

All: -97.509+/-0.044 χ^2/NDF : 1366182.1/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.121+/-0.961 χ^2/NDF : 36.2/1

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

Left In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Left: -14.318+/-0.772 χ^2/NDF : 46.1/2

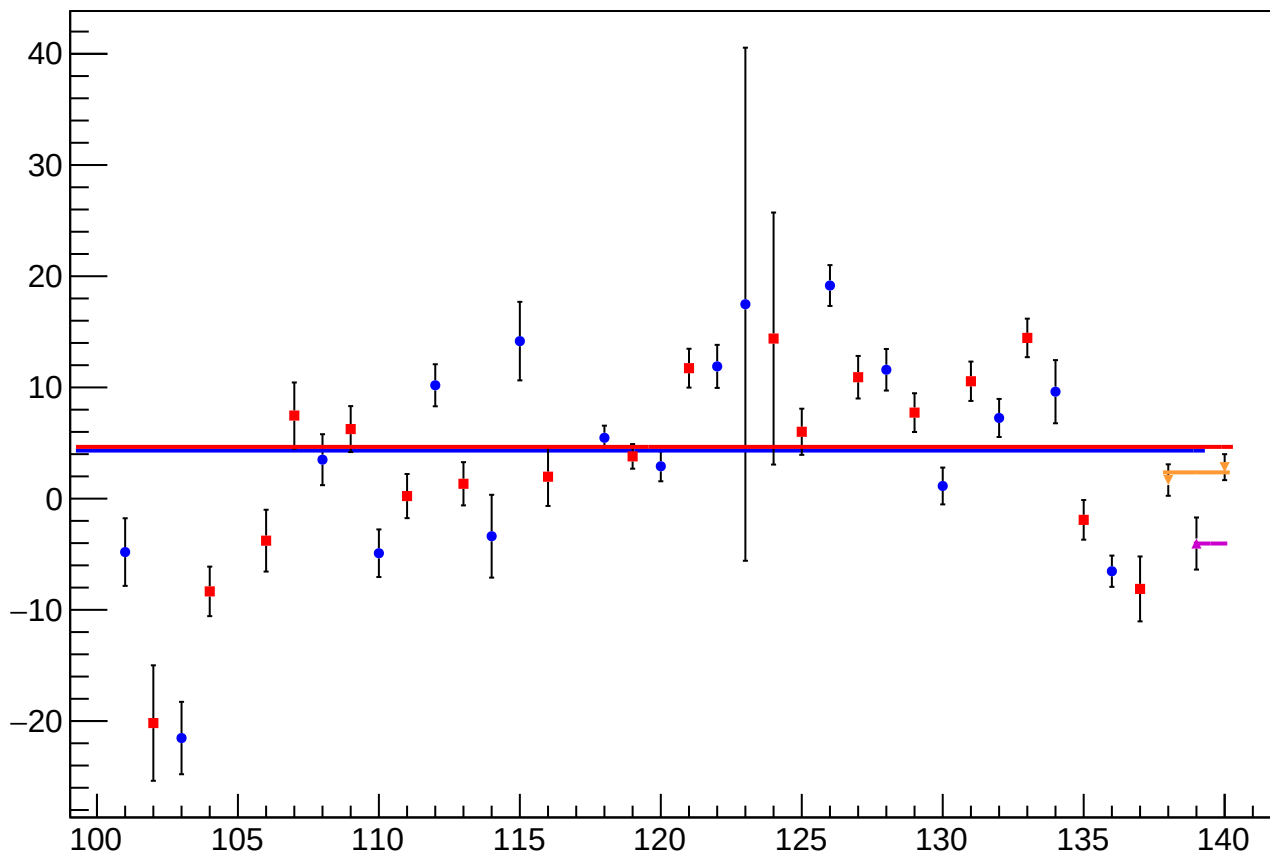
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.034+/-1.297 χ^2/NDF : 0.0/0

Out: -16.121+/-0.961 χ^2/NDF : 36.2/1

All: -14.318+/-0.772 χ^2/NDF : 46.1/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 2.361 $\pm$ 0.900 χ^2 /NDF:0.4/1

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: -4.037 $\pm$ 2.343 χ^2 /NDF:0.0/0

Left: 1.538 $\pm$ 0.840 χ^2 /NDF: 6.9/2

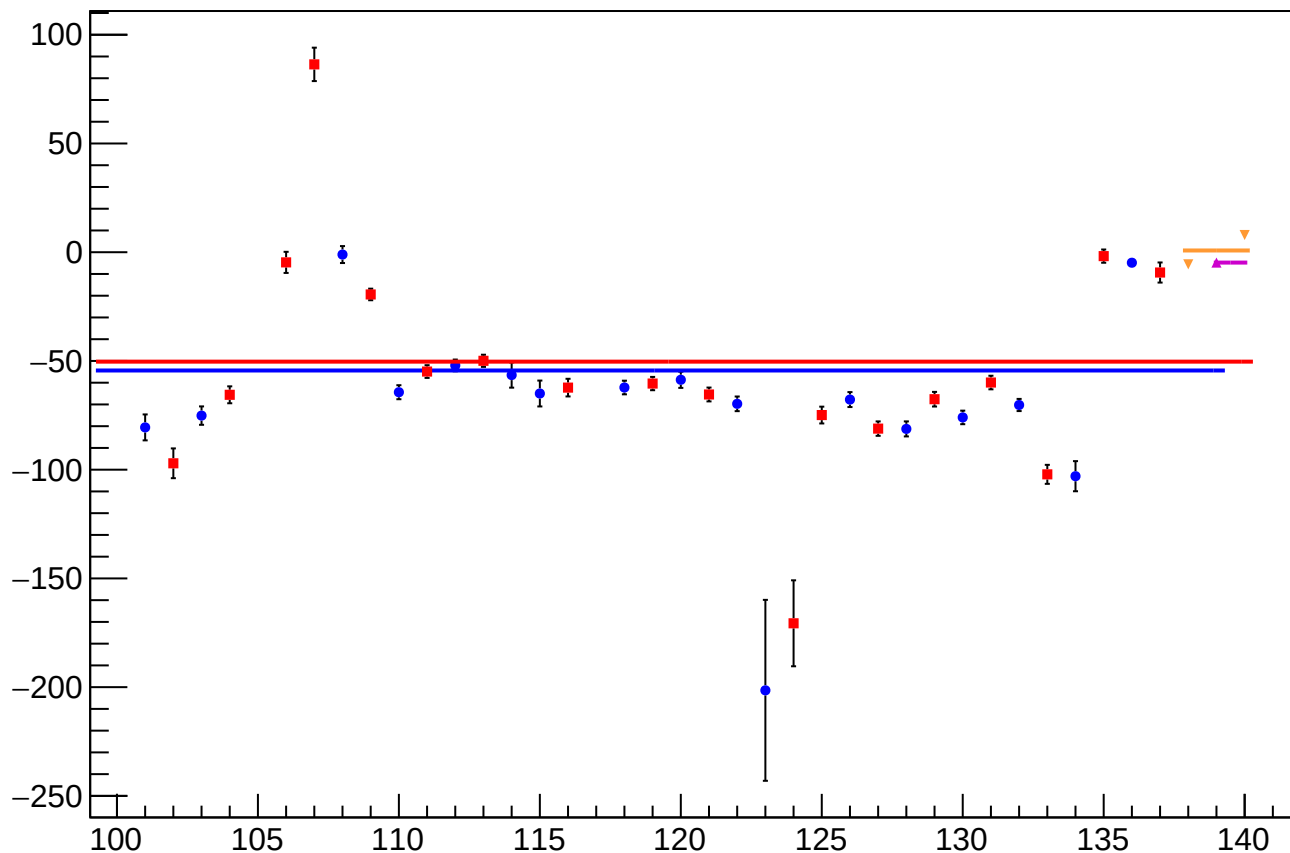
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 4.004 $\pm$ 0.456 χ^2 /NDF:292.6/17

Out: 4.156 $\pm$ 0.419 χ^2 /NDF:189.9/19

All: 4.087 $\pm$ 0.309 χ^2 /NDF: 482.5/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: 0.800 ± 1.034 χ^2/NDF : 42.4/1

Right Out: -50.316 ± 0.858 χ^2/NDF : 1319.3/17

Left In: -4.767 ± 1.404 χ^2/NDF : 0.0/0

Left: -1.157 ± 0.832 χ^2/NDF : 52.6/2

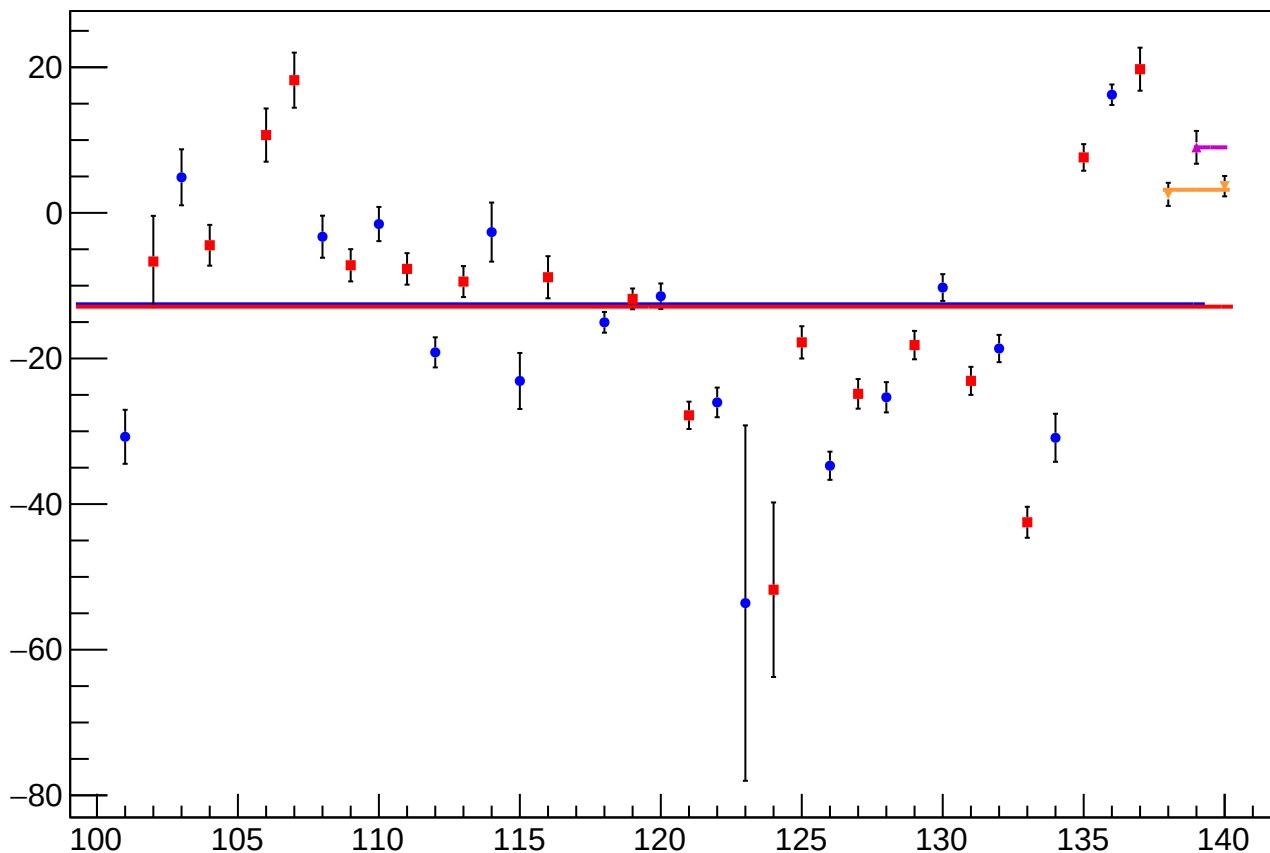
Right: -52.337 ± 0.609 χ^2/NDF : 2344.4/34

In: -40.743 ± 0.736 χ^2/NDF : 1919.9/17

Out: -29.453 ± 0.660 χ^2/NDF : 2809.3/19

All: -34.487 ± 0.492 χ^2/NDF : 4859.6/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 3.176 ± 1.050 χ^2/NDF : 0.3/1

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 9.002 ± 2.256 χ^2/NDF : 0.0/0

Left: 4.214 ± 0.952 χ^2/NDF : 5.8/2

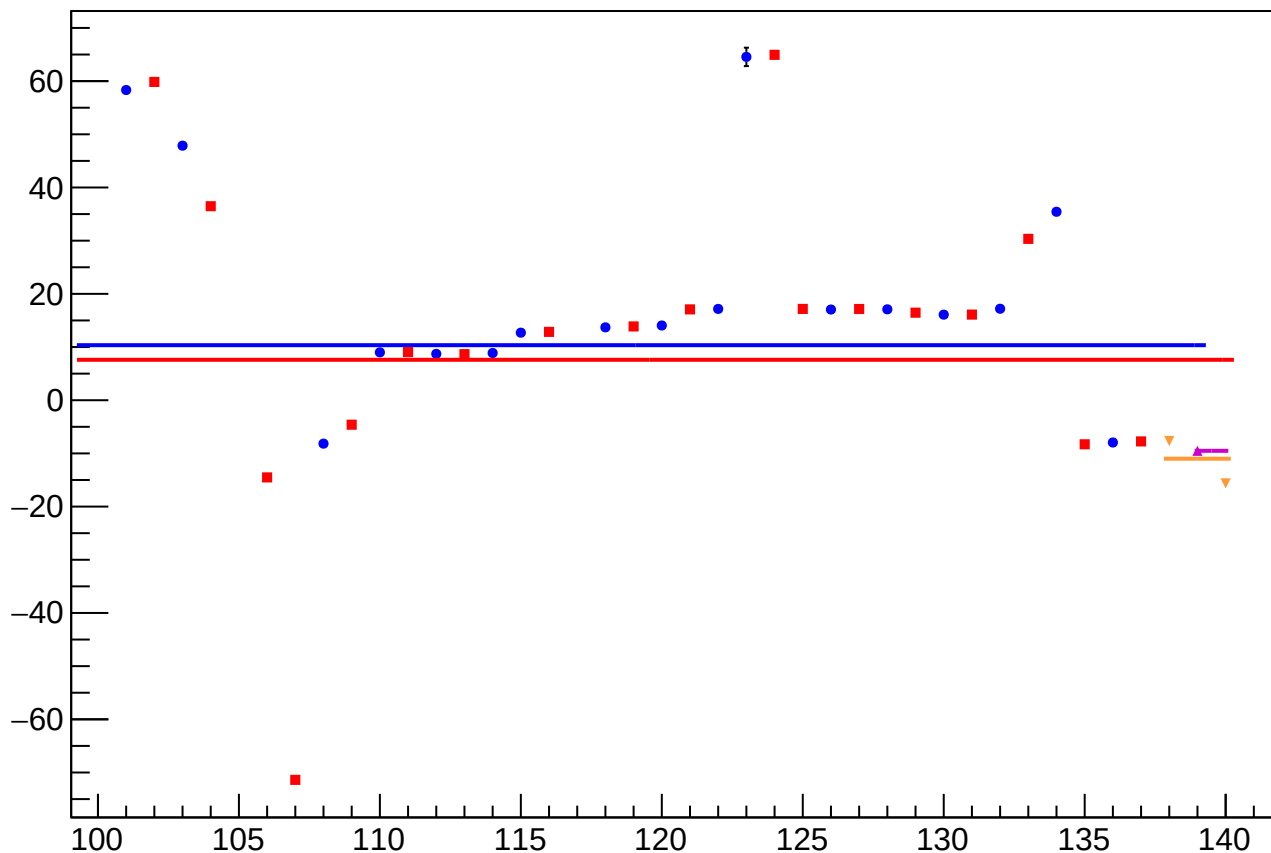
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -11.427 ± 0.517 χ^2/NDF : 866.0/17

Out: -9.542 ± 0.479 χ^2/NDF : 911.9/19

All: -10.412 ± 0.351 χ^2/NDF : 1785.1/37

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -10.995+/-0.042 χ^2/NDF : 8669.3/1

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -9.513+/-0.050 χ^2/NDF : 0.0/0

Left: -10.372+/-0.032 χ^2/NDF : 9188.7/2

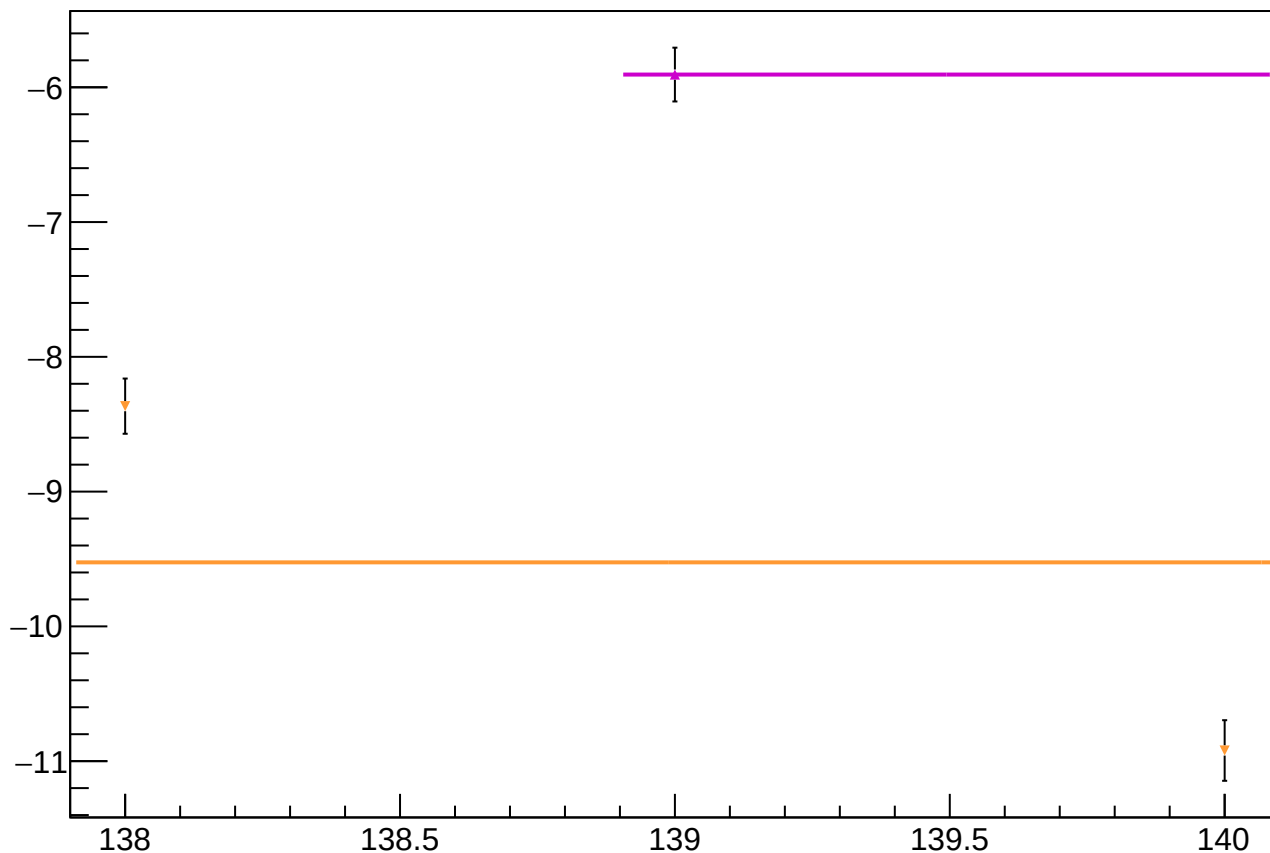
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: 4.869+/-0.026 χ^2/NDF : 497300.2/17

Out: 0.996+/-0.025 χ^2/NDF : 672587.1/19

All: 2.865+/-0.018 χ^2/NDF : 1181351.3/37

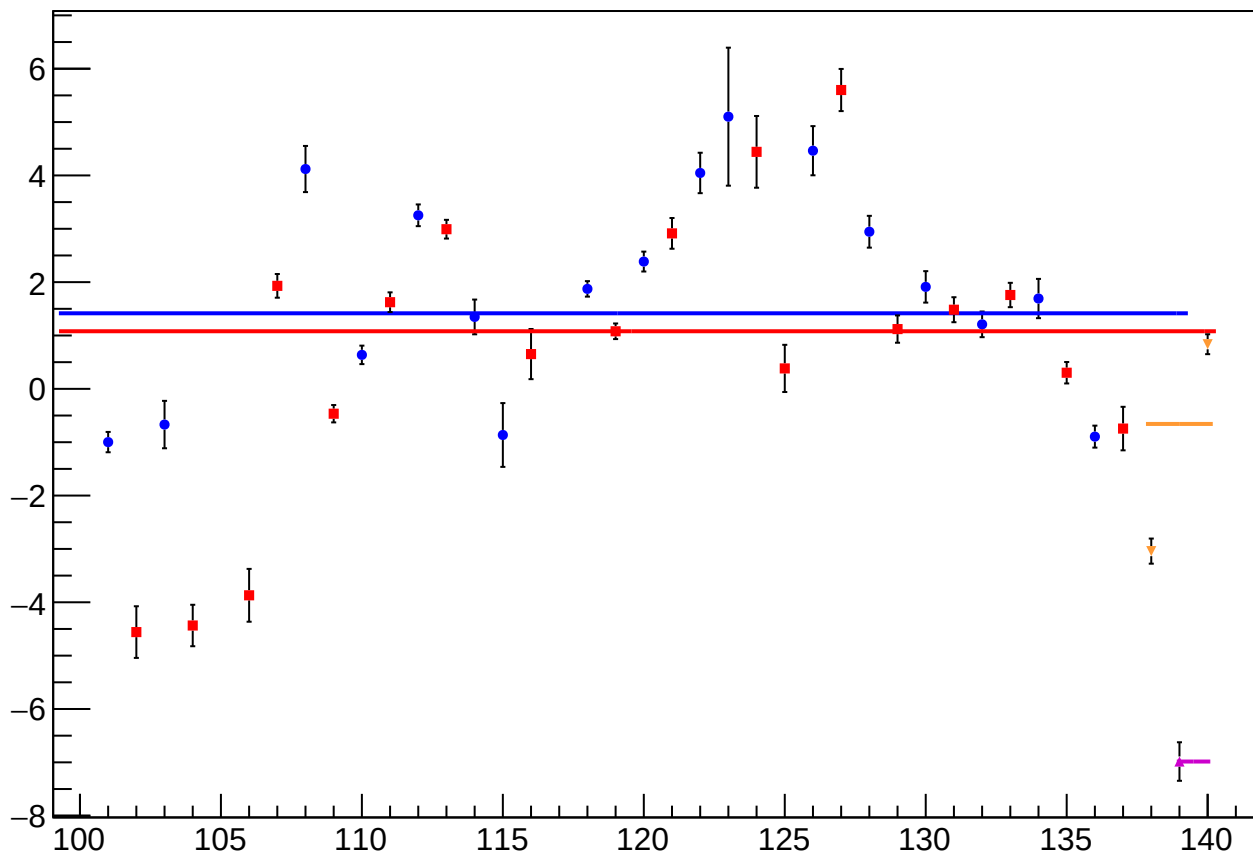
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.525+/-0.151 χ^2/NDF : 70.6/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.906+/-0.200 χ^2/NDF : 0.0/0

Left: -8.203+/-0.121 χ^2/NDF : 279.3/2
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.906+/-0.200 χ^2/NDF : 0.0/0
 Out: -9.525+/-0.151 χ^2/NDF : 70.6/1
 All: -8.203+/-0.121 χ^2/NDF : 279.3/2

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: -0.658 $\pm$ 0.146 χ^2 /NDF:166.7/1

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: -6.985 $\pm$ 0.361 χ^2 /NDF:0.0/0

Left: -1.548 $\pm$ 0.135 χ^2 /NDF: 430.6/2

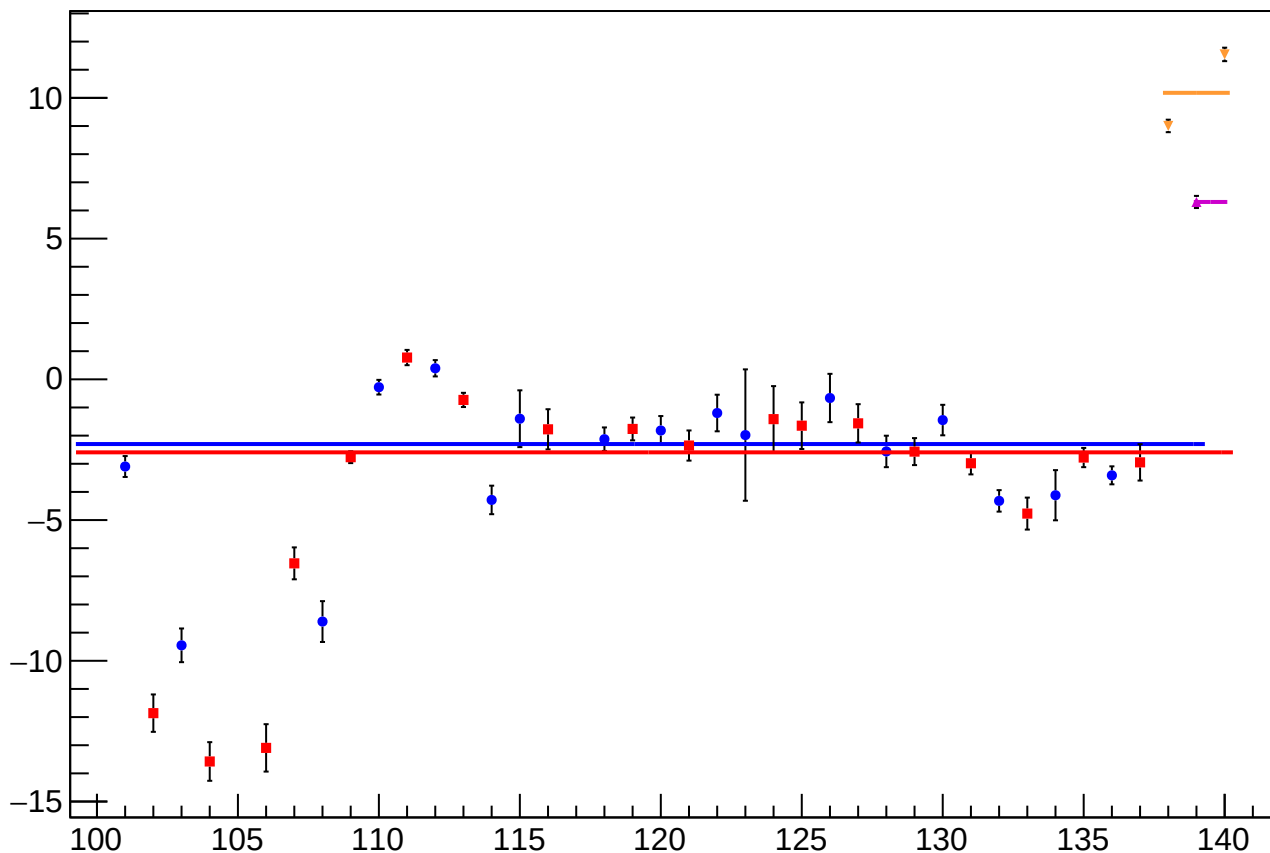
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.182 $\pm$ 0.060 χ^2 /NDF:1157.4/17

Out: 0.842 $\pm$ 0.054 χ^2 /NDF:1204.9/19

All: 0.993 $\pm$ 0.040 χ^2 /NDF: 2379.9/37

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 10.180 ± 0.163 χ^2/NDF : 60.4/1

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 6.302 ± 0.216 χ^2/NDF : 0.0/0

Left: 8.772 ± 0.130 χ^2/NDF : 265.9/2

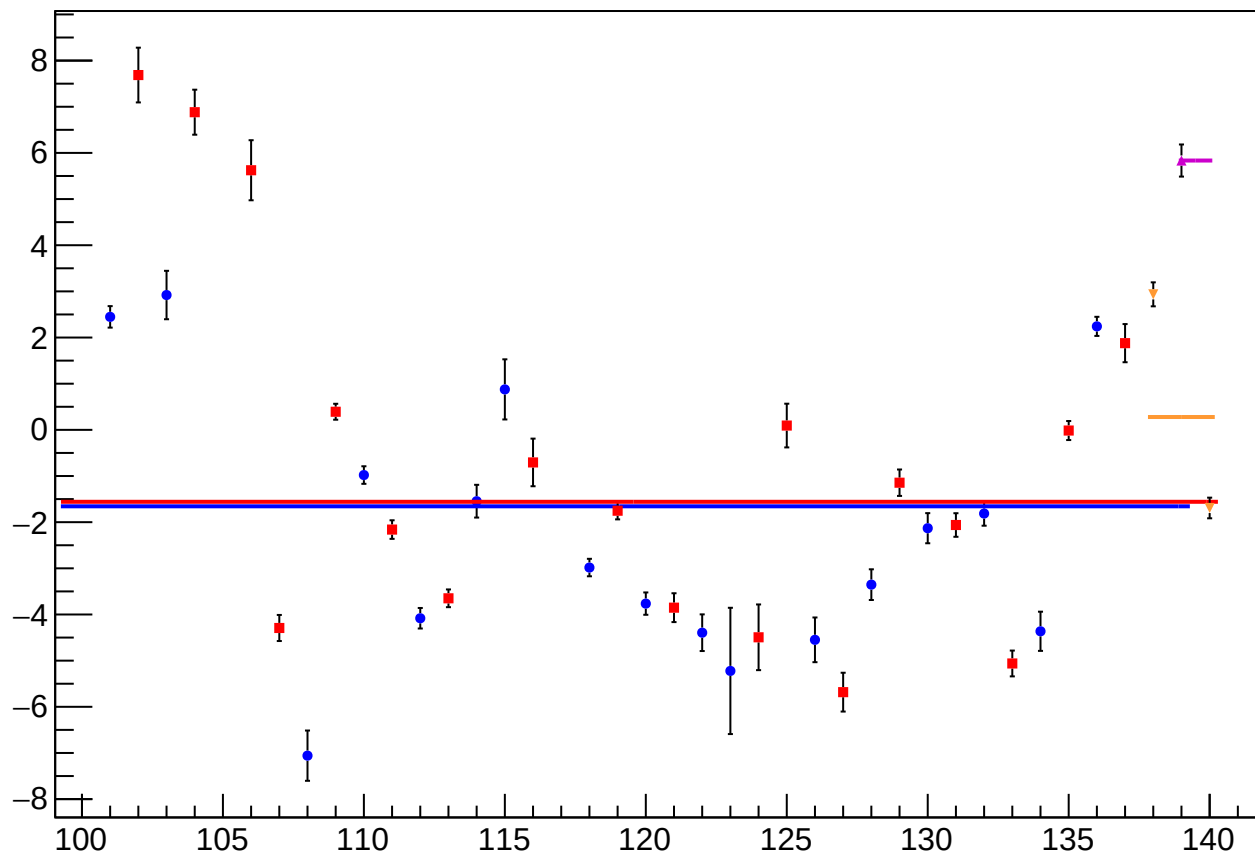
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: -0.505 ± 0.099 χ^2/NDF : 1696.0/17

Out: 0.862 ± 0.085 χ^2/NDF : 5429.3/19

All: 0.281 ± 0.064 χ^2/NDF : 7235.7/37

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: 0.278 ± 0.169 χ^2/NDF : 182.3/1

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: 5.835 ± 0.348 χ^2/NDF : 0.0/0

Left: 1.344 ± 0.152 χ^2/NDF : 388.5/2

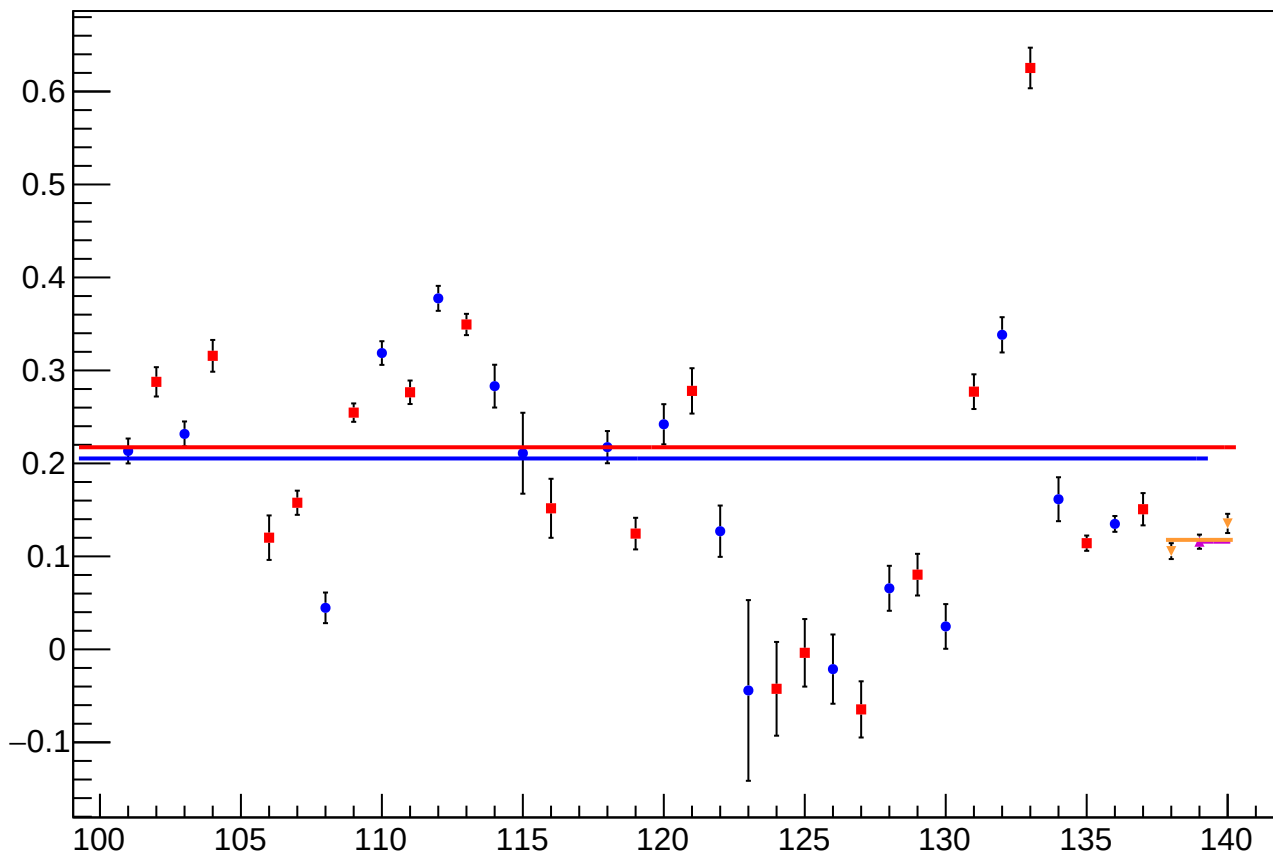
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.361 ± 0.069 χ^2/NDF : 1716.6/17

Out: -1.318 ± 0.061 χ^2/NDF : 1769.1/19

All: -1.337 ± 0.046 χ^2/NDF : 3485.9/37

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.118 $\pm$ 0.007 χ^2 /NDF: 4.9/1

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.117 $\pm$ 0.005 χ^2 /NDF: 5.0/2

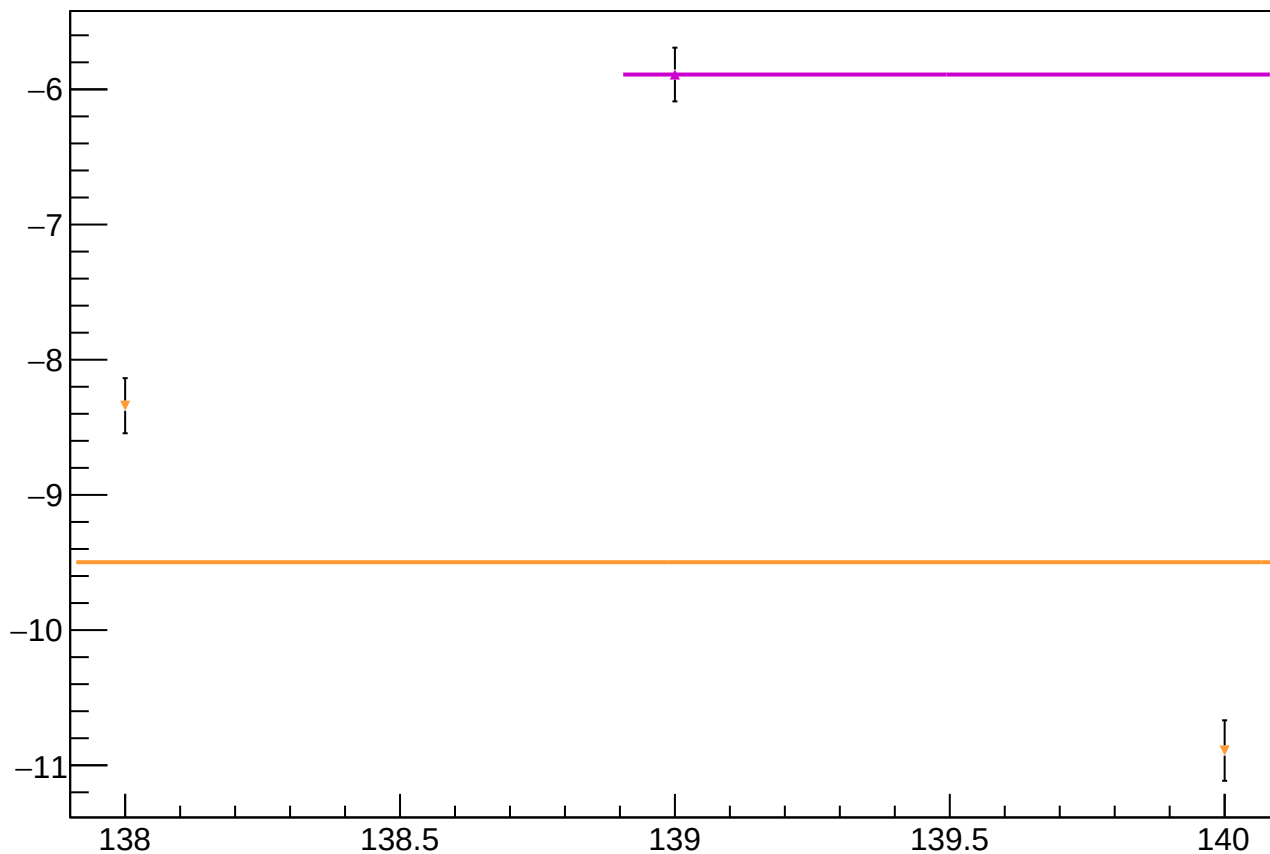
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.185 $\pm$ 0.004 χ^2 /NDF: 726.9/17

Out: 0.193 $\pm$ 0.003 χ^2 /NDF: 1198.0/19

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 1927.9/37

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.498+/-0.151 χ^2/NDF : 71.0/1

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

Left In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Left: -8.180+/-0.120 χ^2/NDF : 280.1/2

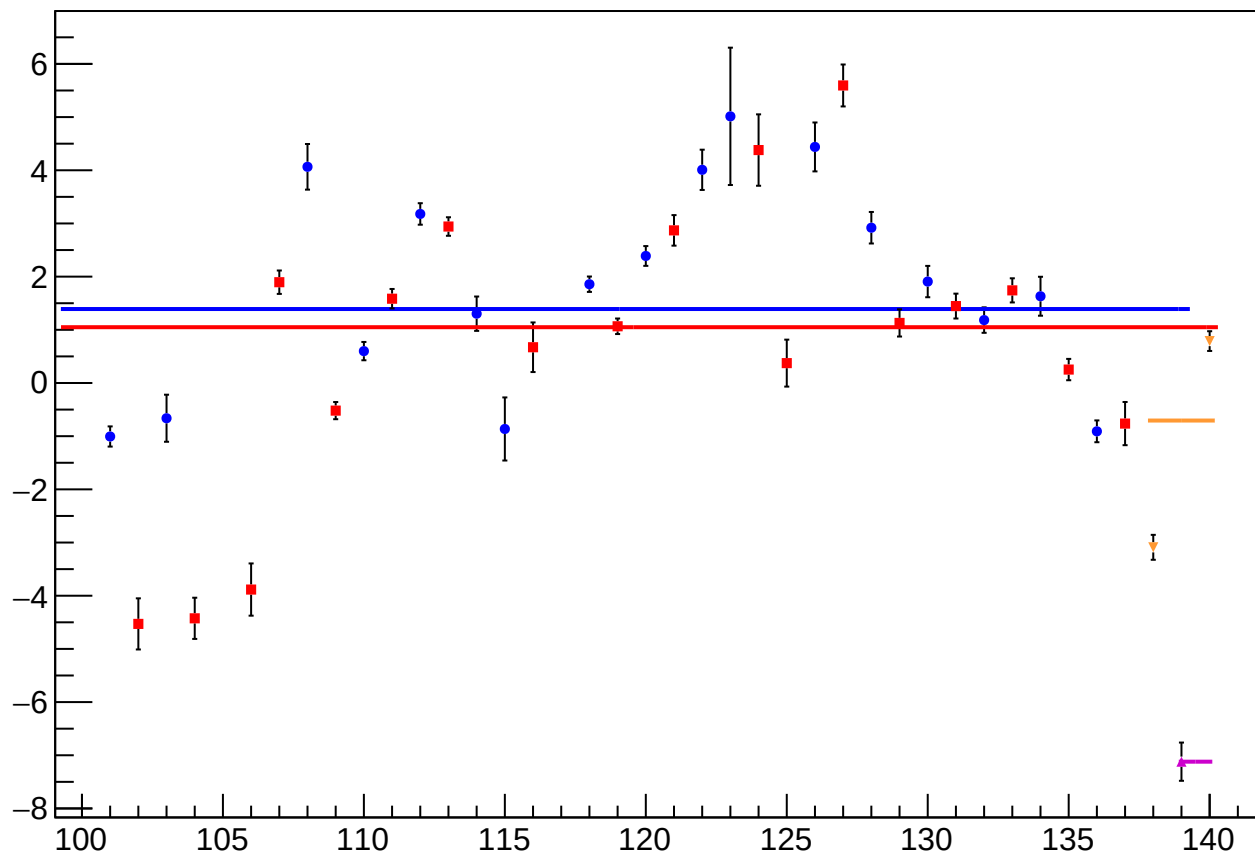
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.890+/-0.199 χ^2/NDF : 0.0/0

Out: -9.498+/-0.151 χ^2/NDF : 71.0/1

All: -8.180+/-0.120 χ^2/NDF : 280.1/2

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: -0.706 ± 0.145 χ^2/NDF : 168.3/1

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: -7.121 ± 0.360 χ^2/NDF : 0.0/0

Left: -1.609 ± 0.135 χ^2/NDF : 441.8/2

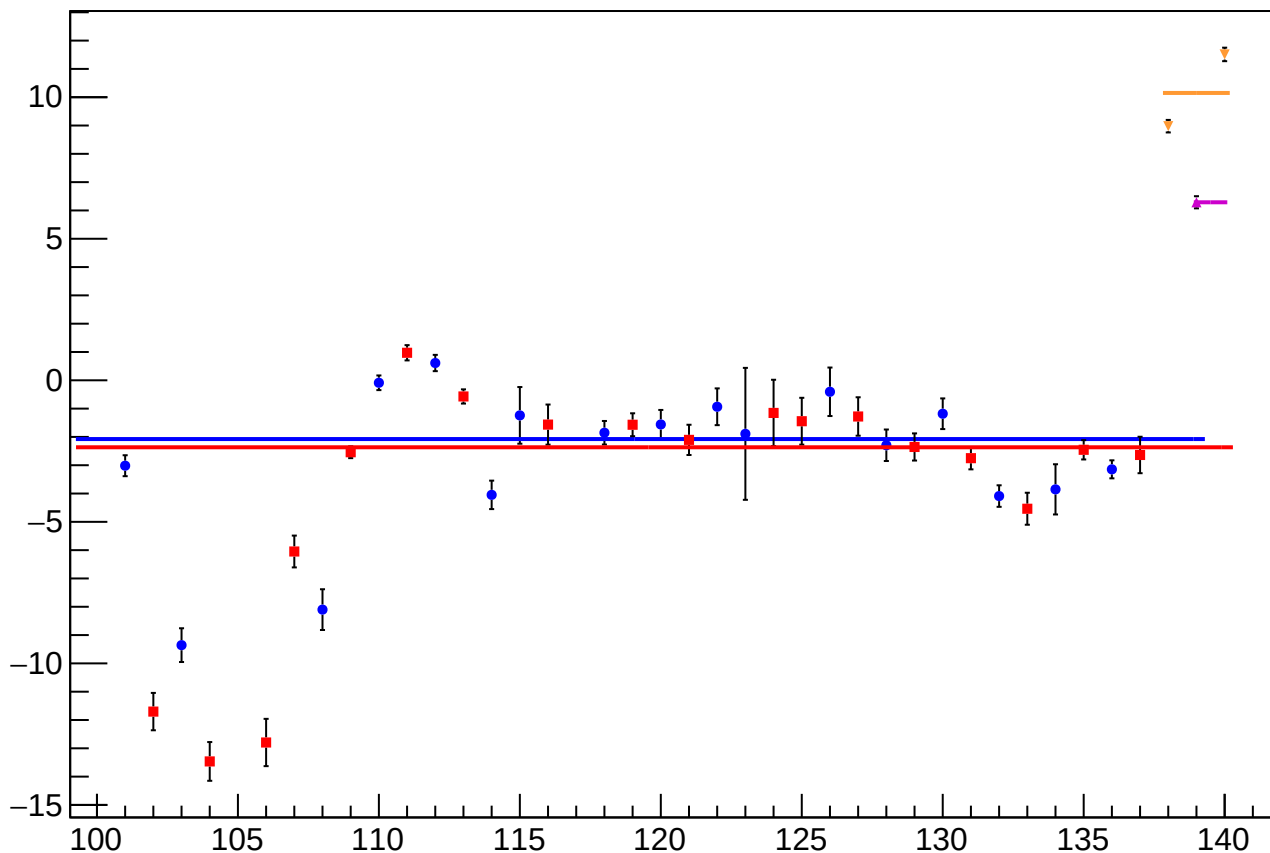
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.153 ± 0.060 χ^2/NDF : 1174.1/17

Out: 0.809 ± 0.054 χ^2/NDF : 1213.7/19

All: 0.962 ± 0.040 χ^2/NDF : 2406.0/37

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 10.151 ± 0.162 χ^2/NDF : 60.7/1

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 6.288 ± 0.215 χ^2/NDF : 0.0/0

Left: 8.749 ± 0.130 χ^2/NDF : 266.3/2

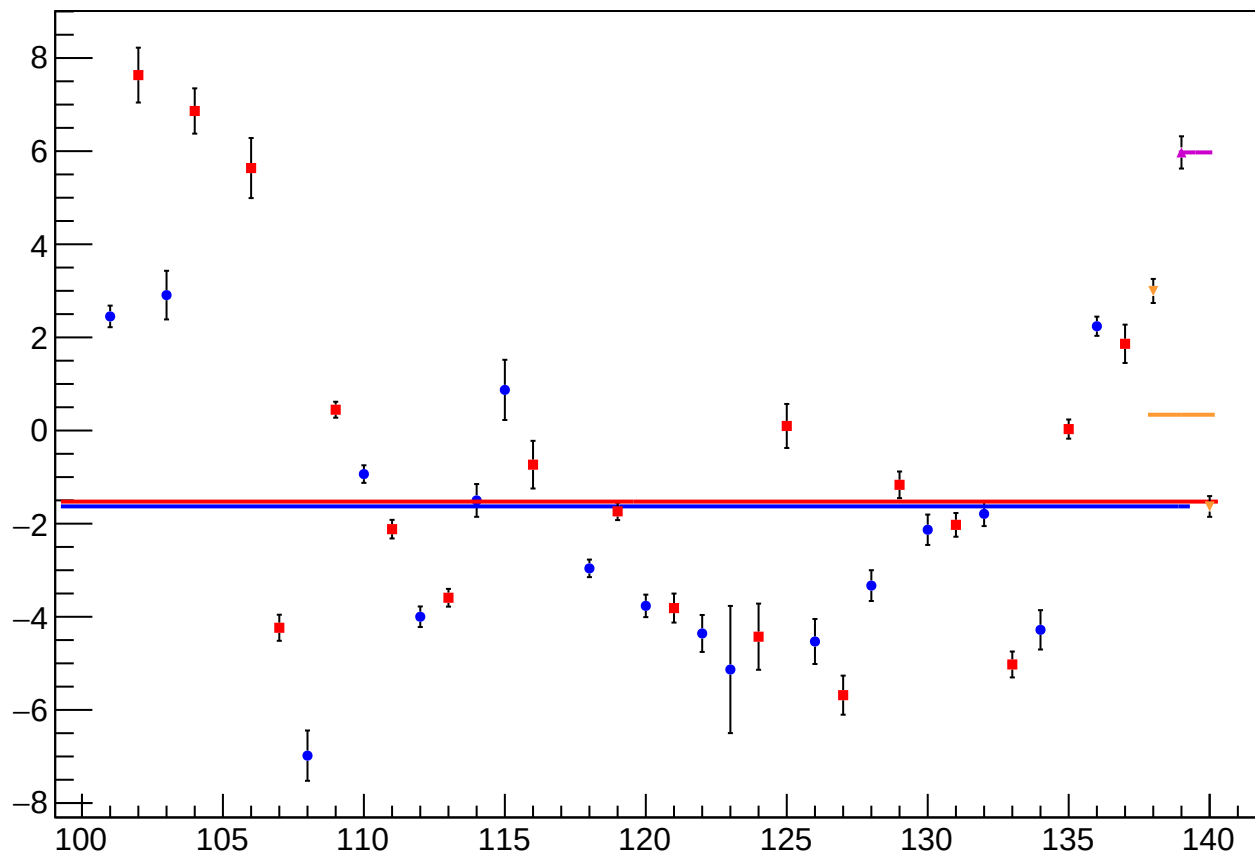
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: -0.333 ± 0.098 χ^2/NDF : 1640.5/17

Out: 1.015 ± 0.084 χ^2/NDF : 5295.2/19

All: 0.442 ± 0.064 χ^2/NDF : 7044.3/37

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: 0.339 ± 0.169 χ^2/NDF : 183.9/1

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: 5.973 ± 0.346 χ^2/NDF : 0.0/0

Left: 1.420 ± 0.152 χ^2/NDF : 397.7/2

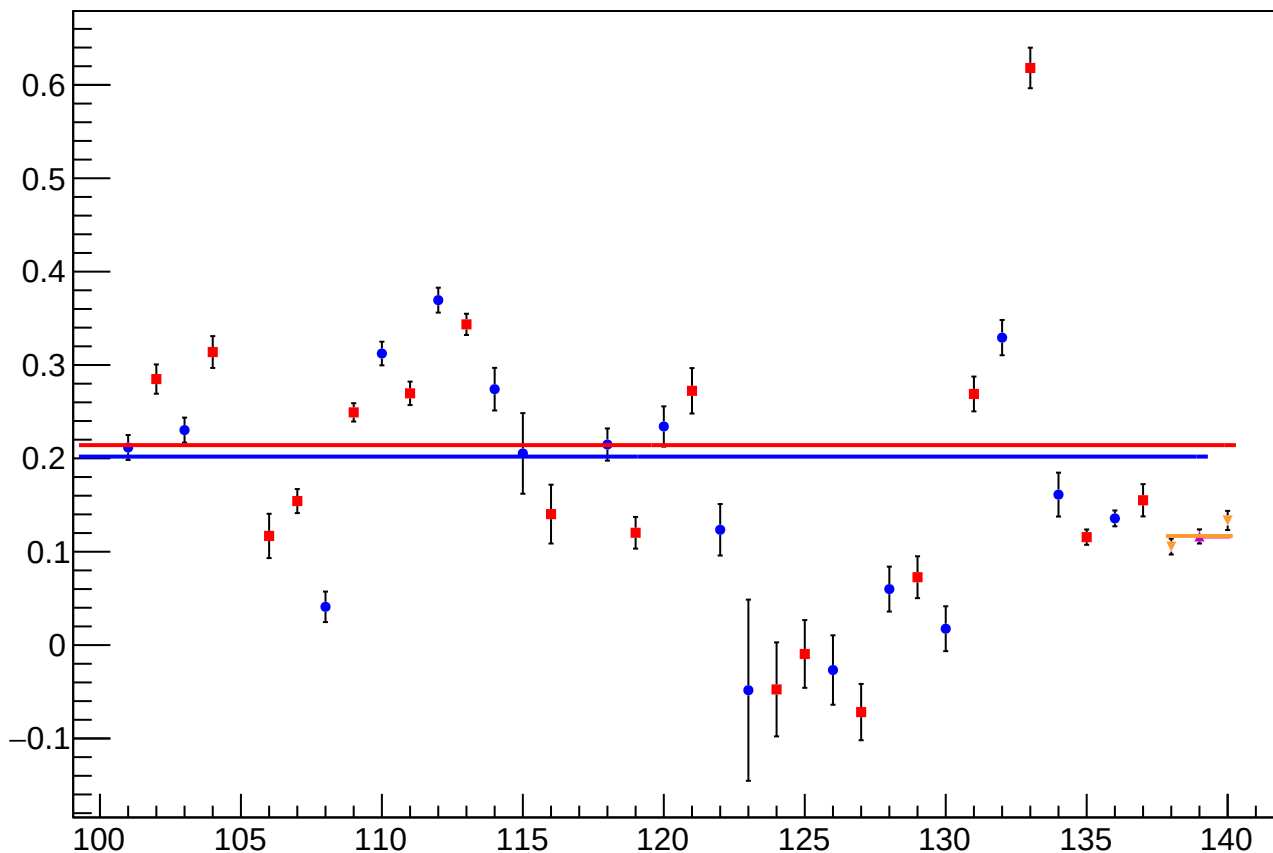
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.330 ± 0.069 χ^2/NDF : 1729.1/17

Out: -1.282 ± 0.061 χ^2/NDF : 1778.3/19

All: -1.303 ± 0.046 χ^2/NDF : 3507.6/37

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.117 $\pm$ 0.007 χ^2 /NDF:4.4/1

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.117 $\pm$ 0.005 χ^2 /NDF: 4.4/2

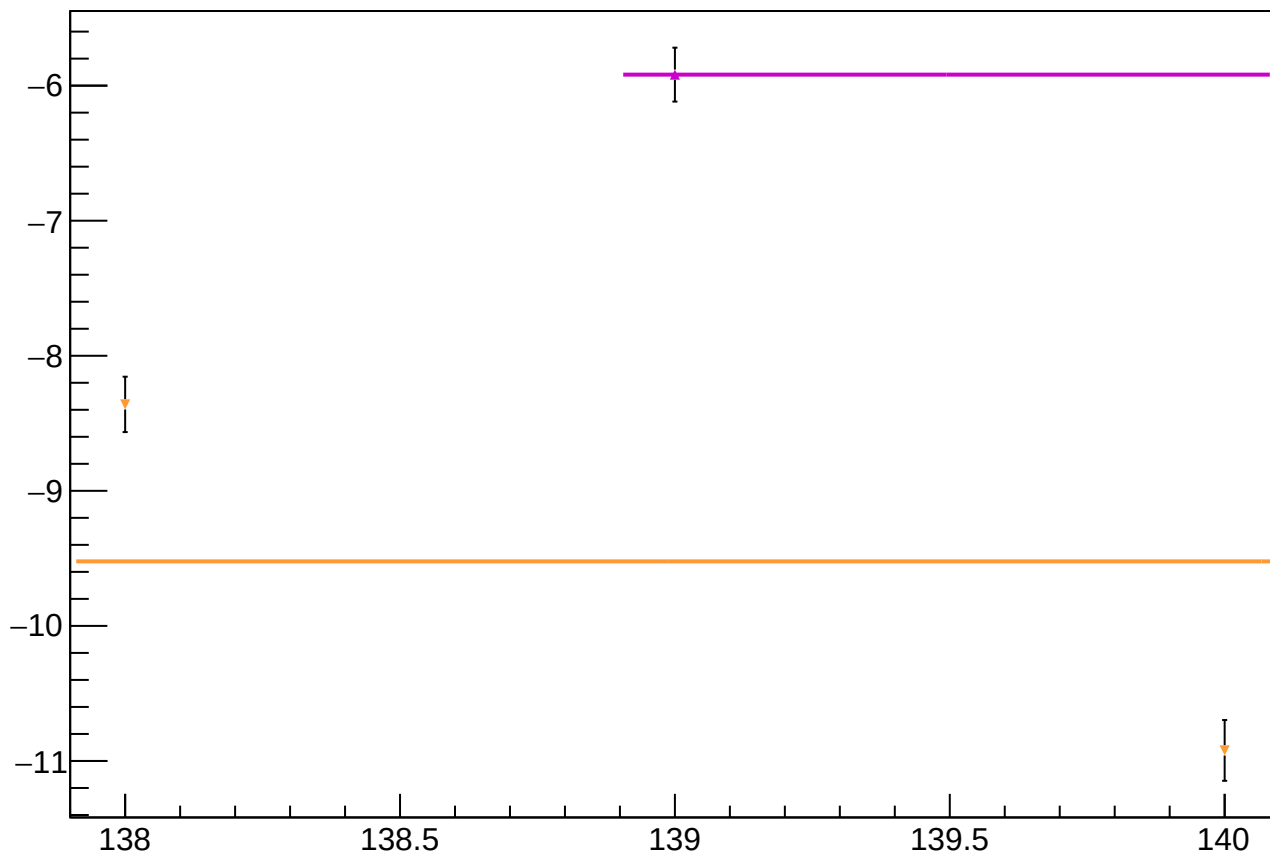
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.182 $\pm$ 0.004 χ^2 /NDF:702.6/17

Out: 0.191 $\pm$ 0.003 χ^2 /NDF:1173.2/19

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 1878.7/37

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.522 ± 0.152 χ^2/NDF : 70.9/1

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

Left In: -5.919 ± 0.200 χ^2/NDF : 0.0/0

Left: -8.205 ± 0.121 χ^2/NDF : 277.6/2

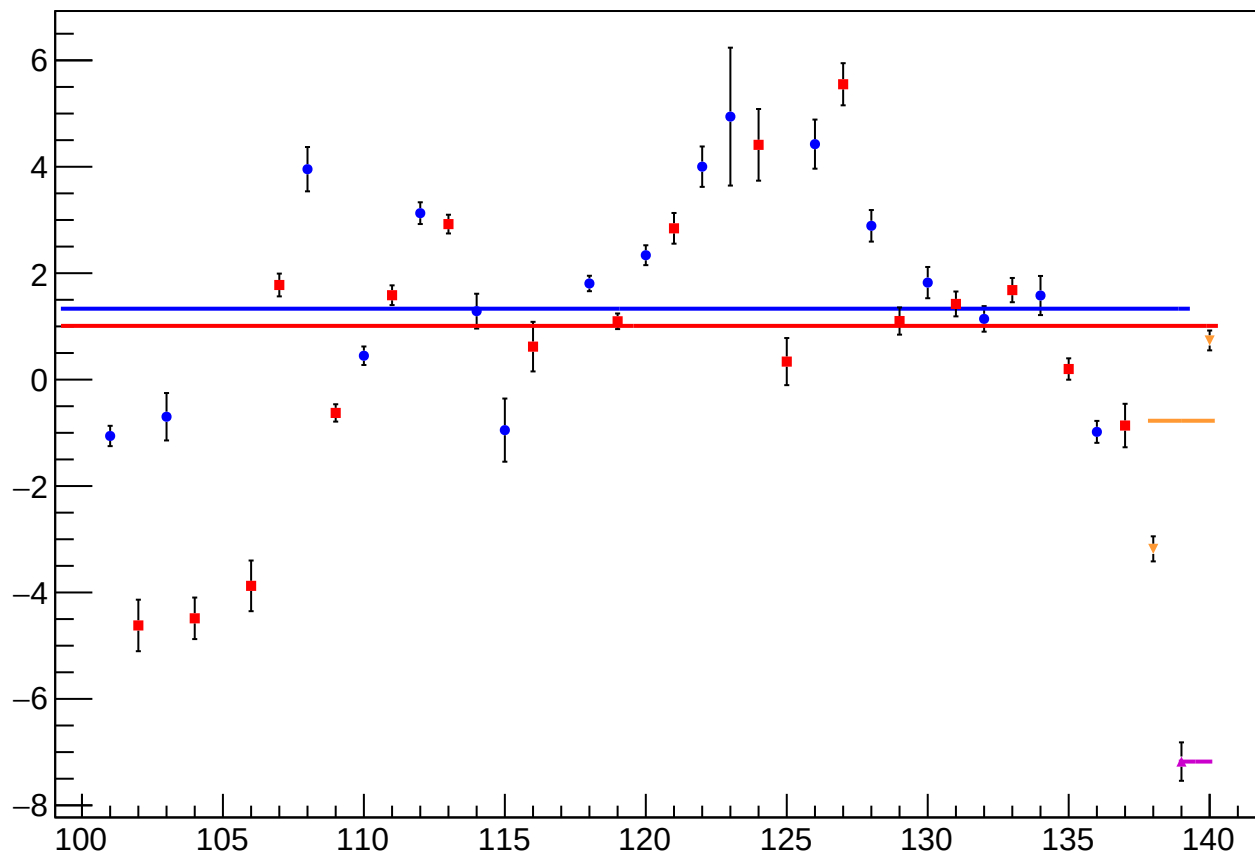
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.919 ± 0.200 χ^2/NDF : 0.0/0

Out: -9.522 ± 0.152 χ^2/NDF : 70.9/1

All: -8.205 ± 0.121 χ^2/NDF : 277.6/2

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: -0.773 ± 0.146 χ^2/NDF : 169.9/1

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: -7.178 ± 0.361 χ^2/NDF : 0.0/0

Left: -1.675 ± 0.136 χ^2/NDF : 440.2/2

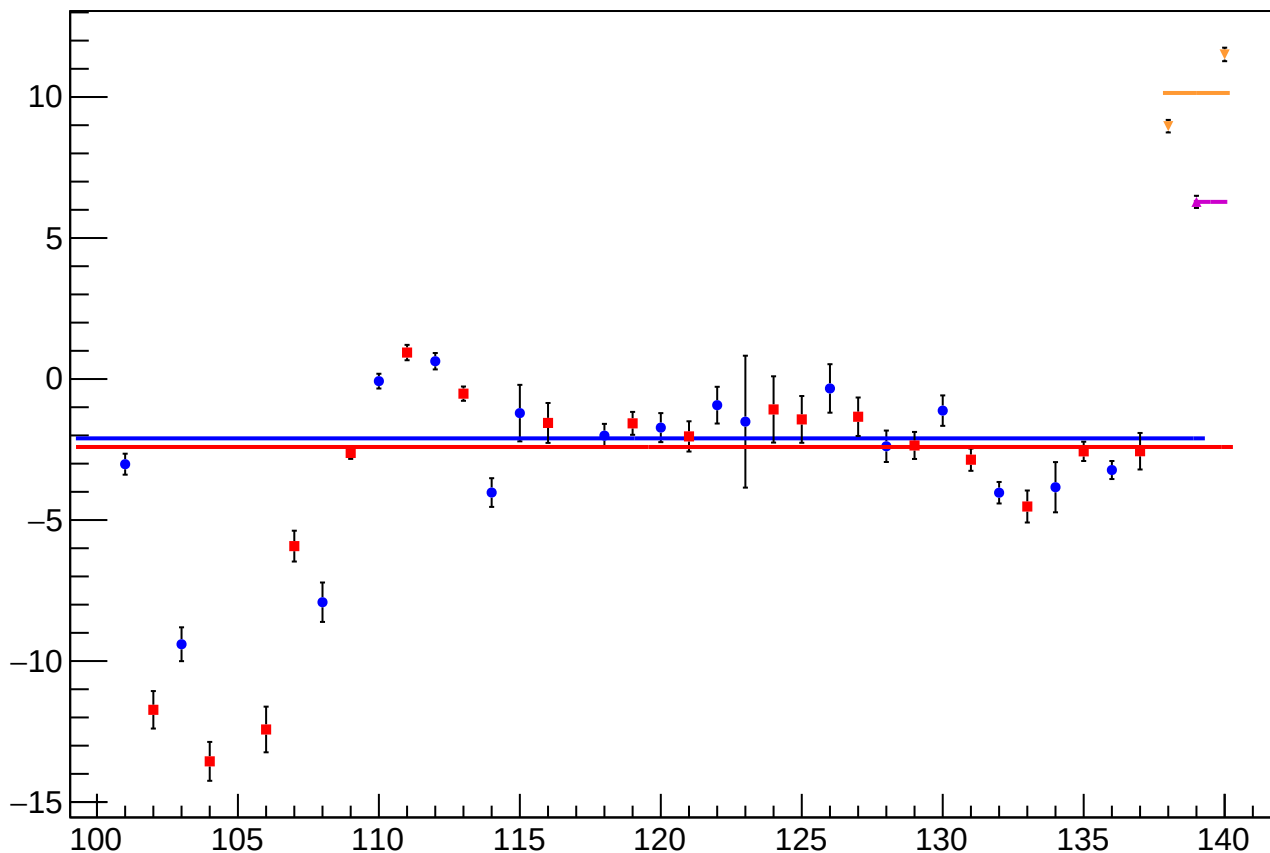
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.095 ± 0.060 χ^2/NDF : 1174.5/17

Out: 0.767 ± 0.054 χ^2/NDF : 1228.6/19

All: 0.913 ± 0.040 χ^2/NDF : 2419.6/37

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 10.144 ± 0.163 χ^2/NDF : 60.5/1

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 6.282 ± 0.216 χ^2/NDF : 0.0/0

Left: 8.741 ± 0.130 χ^2/NDF : 264.1/2

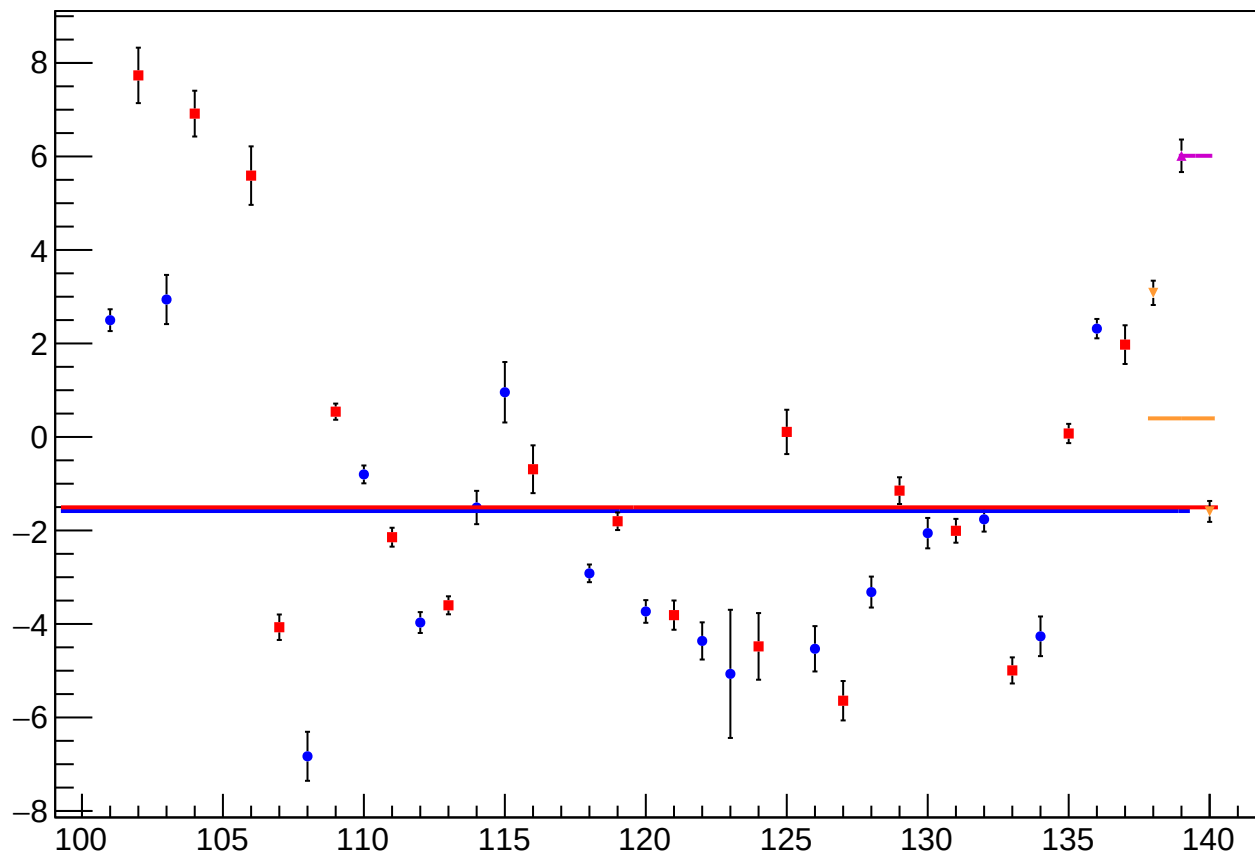
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: -0.355 ± 0.099 χ^2/NDF : 1633.3/17

Out: 0.981 ± 0.085 χ^2/NDF : 5270.6/19

All: 0.414 ± 0.064 χ^2/NDF : 7009.4/37

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: 0.397 ± 0.170 χ^2/NDF : 185.8/1

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: 6.014 ± 0.348 χ^2/NDF : 0.0/0

Left: 1.476 ± 0.152 χ^2/NDF : 396.4/2

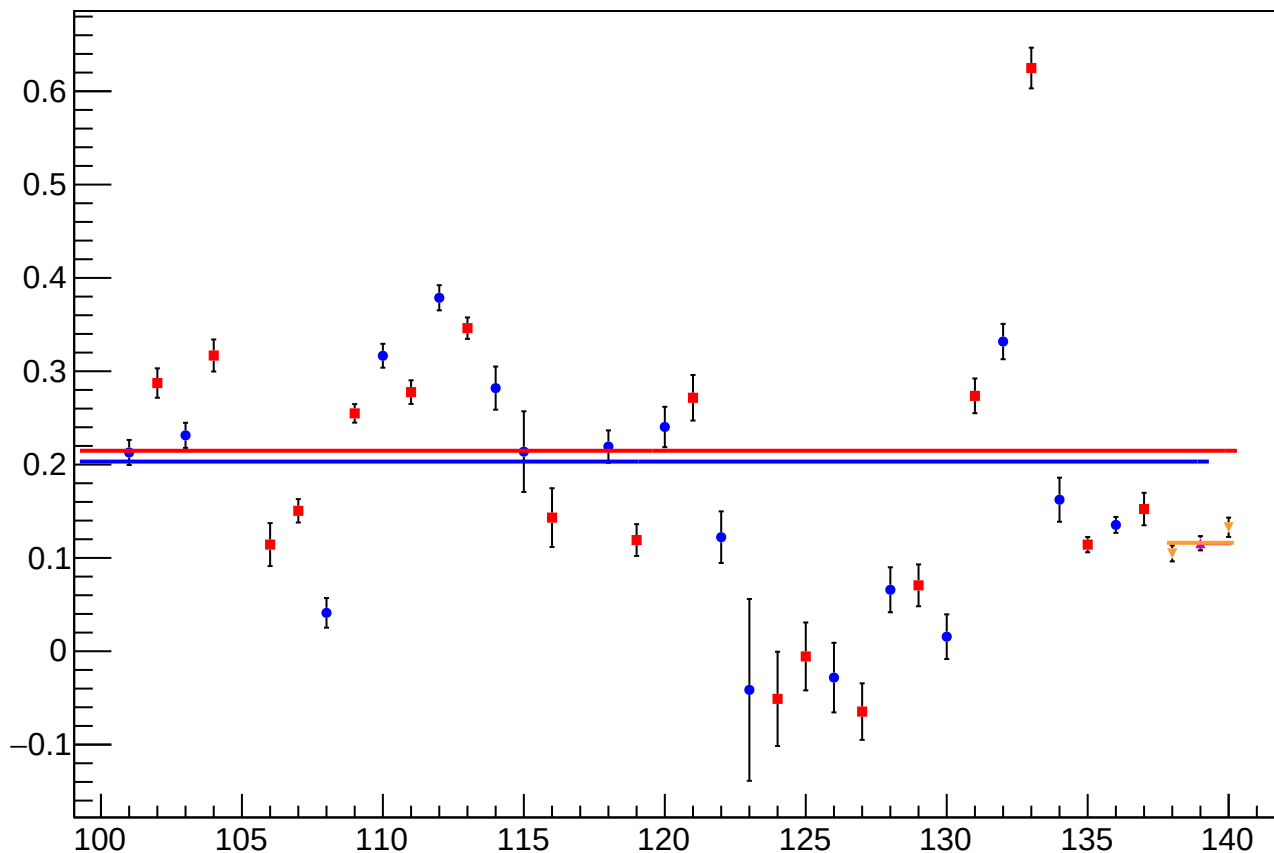
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.285 ± 0.069 χ^2/NDF : 1730.3/17

Out: -1.258 ± 0.061 χ^2/NDF : 1795.2/19

All: -1.270 ± 0.046 χ^2/NDF : 3525.6/37

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.116 $\pm$ 0.007 χ^2 /NDF: 4.4/1

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.116 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.116 $\pm$ 0.005 χ^2 /NDF: 4.4/2

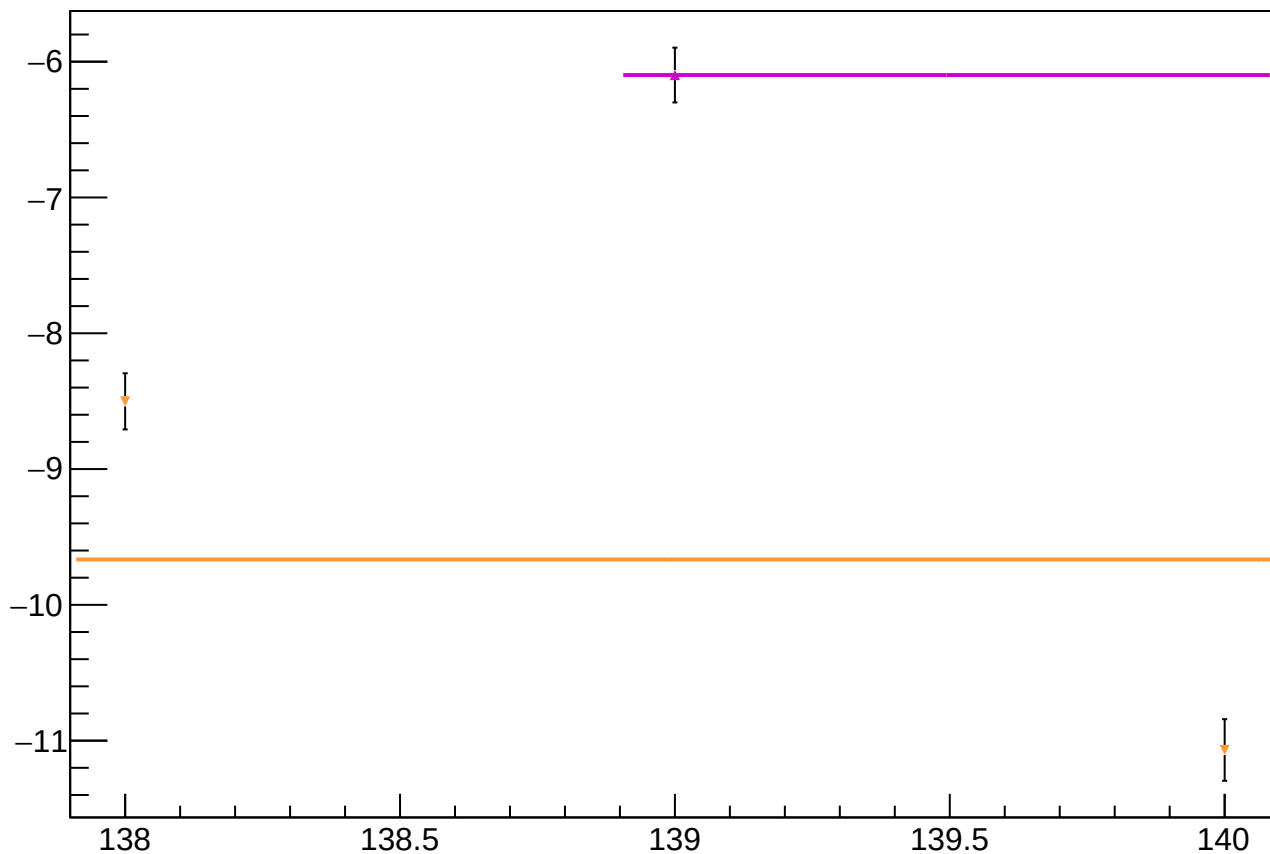
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.183 $\pm$ 0.004 χ^2 /NDF: 734.5/17

Out: 0.191 $\pm$ 0.003 χ^2 /NDF: 1207.6/19

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 1944.7/37

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.666+/-0.153 χ^2/NDF : 69.9/1

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

Left In: -6.099+/-0.202 χ^2/NDF : 0.0/0

Left: -8.364+/-0.122 χ^2/NDF : 268.6/2

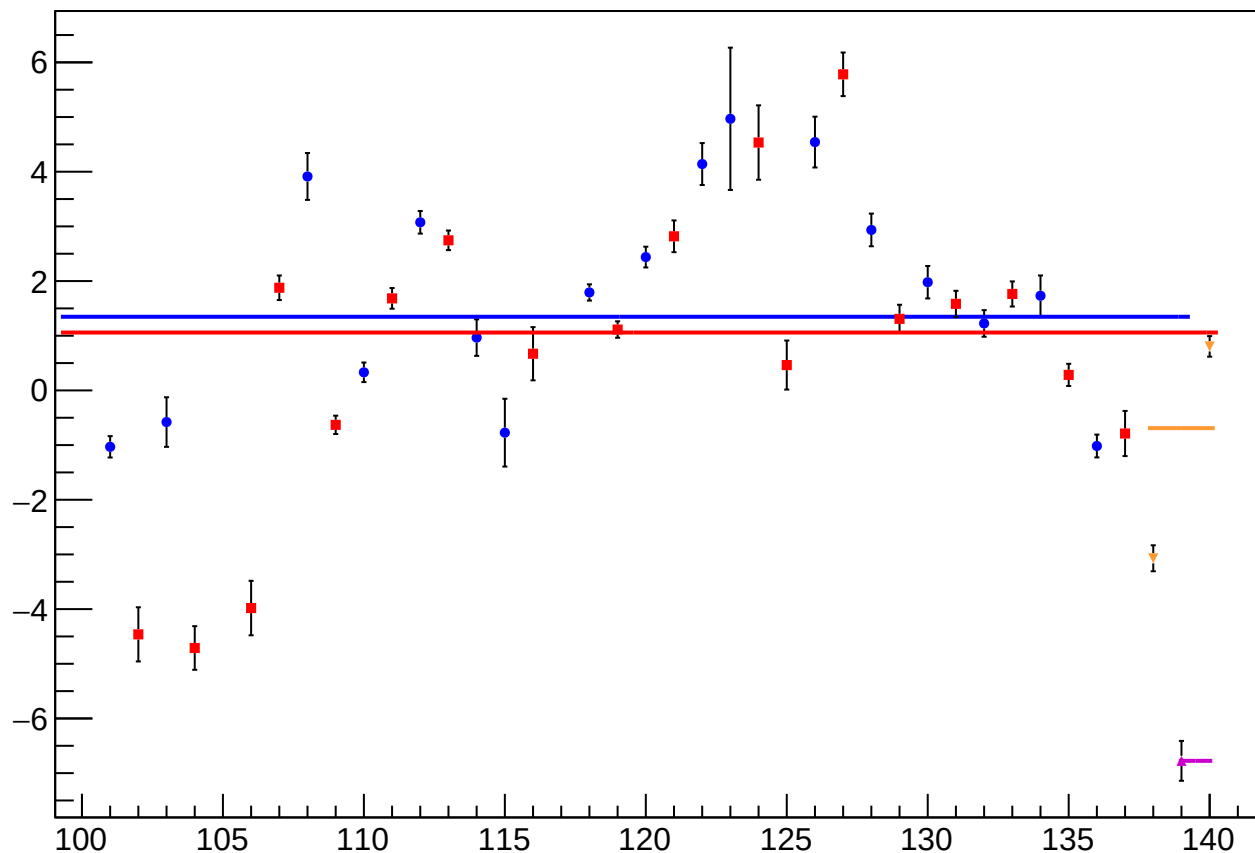
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.099+/-0.202 χ^2/NDF : 0.0/0

Out: -9.666+/-0.153 χ^2/NDF : 69.9/1

All: -8.364+/-0.122 χ^2/NDF : 268.6/2

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: -0.690 ± 0.147 χ^2/NDF : 163.6/1

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: -6.775 ± 0.365 χ^2/NDF : 0.0/0

Left: -1.545 ± 0.137 χ^2/NDF : 402.7/2

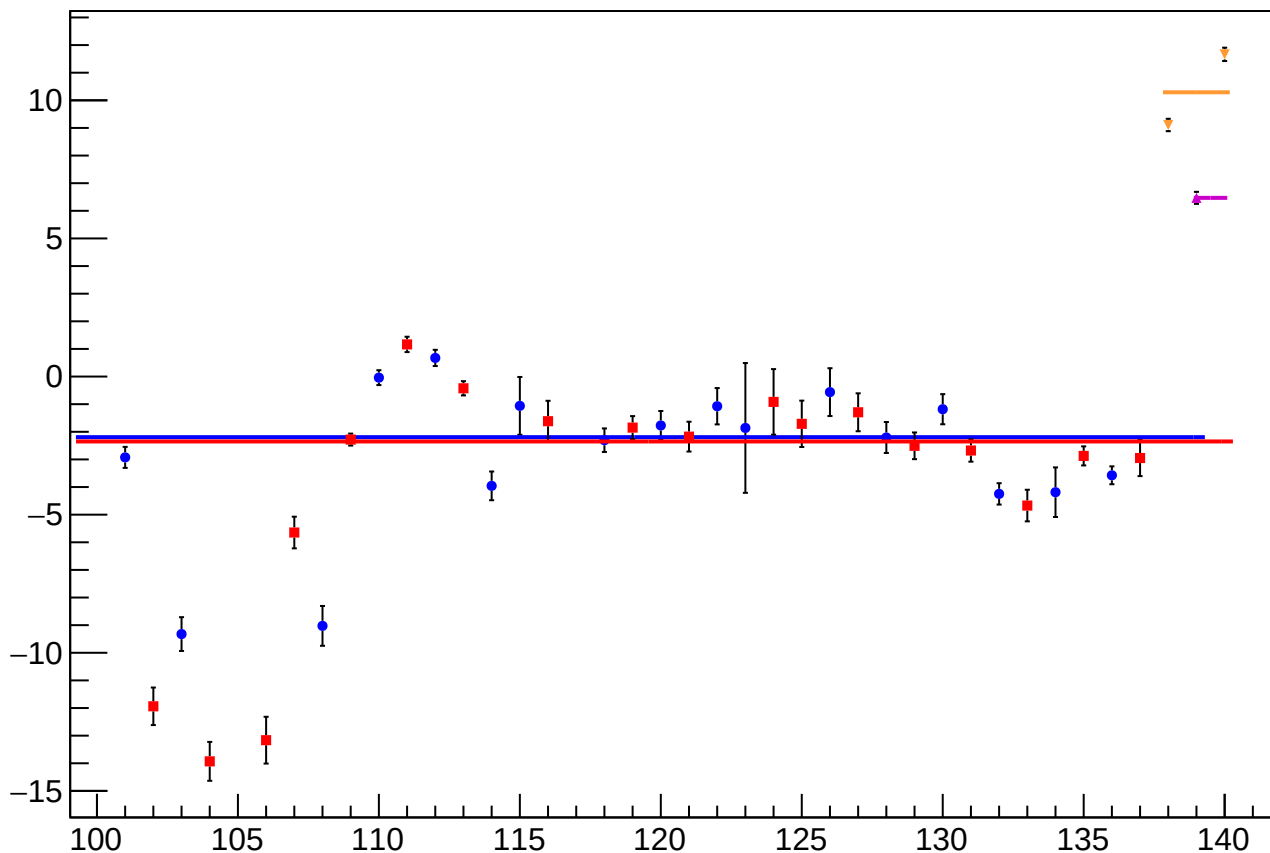
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.117 ± 0.061 χ^2/NDF : 1111.7/17

Out: 0.816 ± 0.055 χ^2/NDF : 1189.8/19

All: 0.950 ± 0.041 χ^2/NDF : 2314.9/37

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 10.291 ± 0.165 χ^2/NDF : 60.0/1

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 6.469 ± 0.218 χ^2/NDF : 0.0/0

Left: 8.905 ± 0.131 χ^2/NDF : 255.6/2

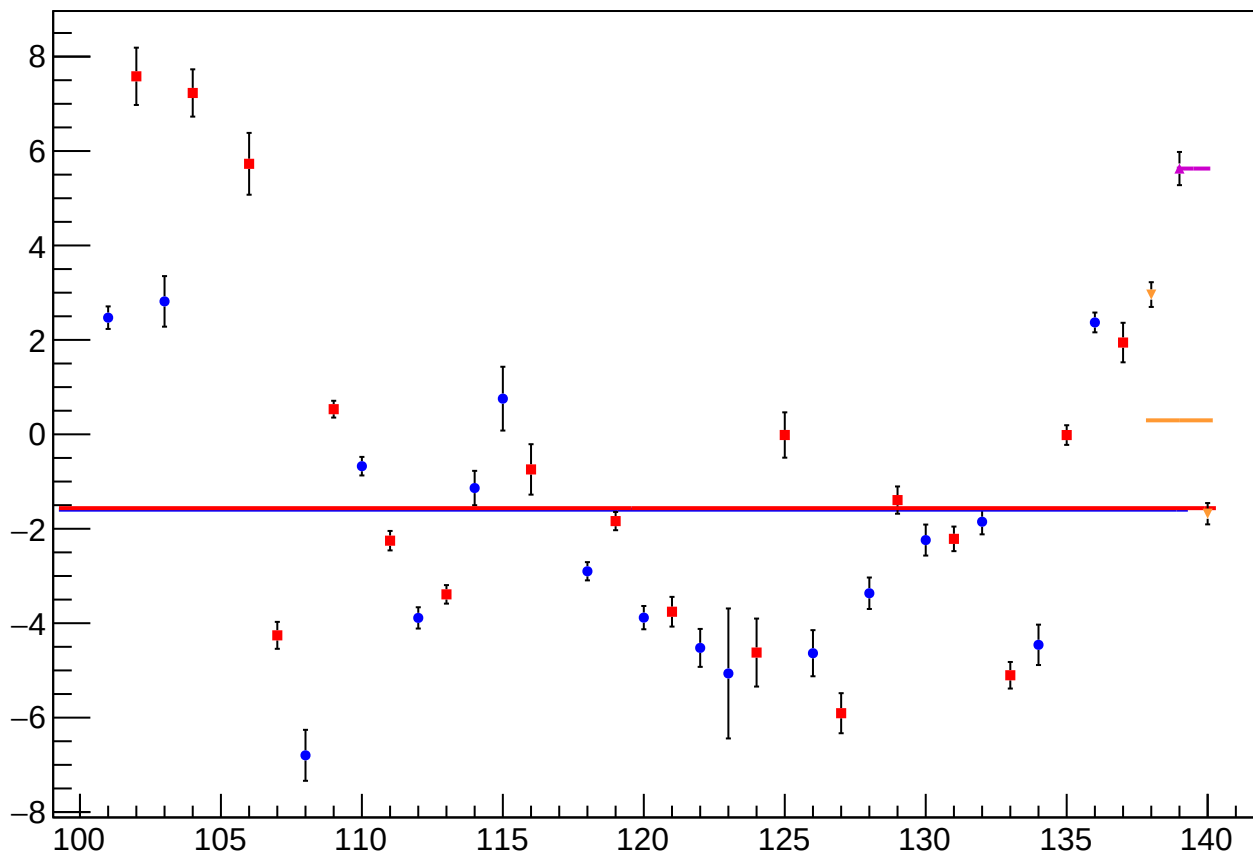
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: -0.366 ± 0.100 χ^2/NDF : 1707.5/17

Out: 1.126 ± 0.086 χ^2/NDF : 5246.3/19

All: 0.491 ± 0.065 χ^2/NDF : 7081.0/37

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: 0.296 ± 0.171 χ^2/NDF : 180.0/1

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: 5.629 ± 0.352 χ^2/NDF : 0.0/0

Left: 1.317 ± 0.154 χ^2/NDF : 366.0/2

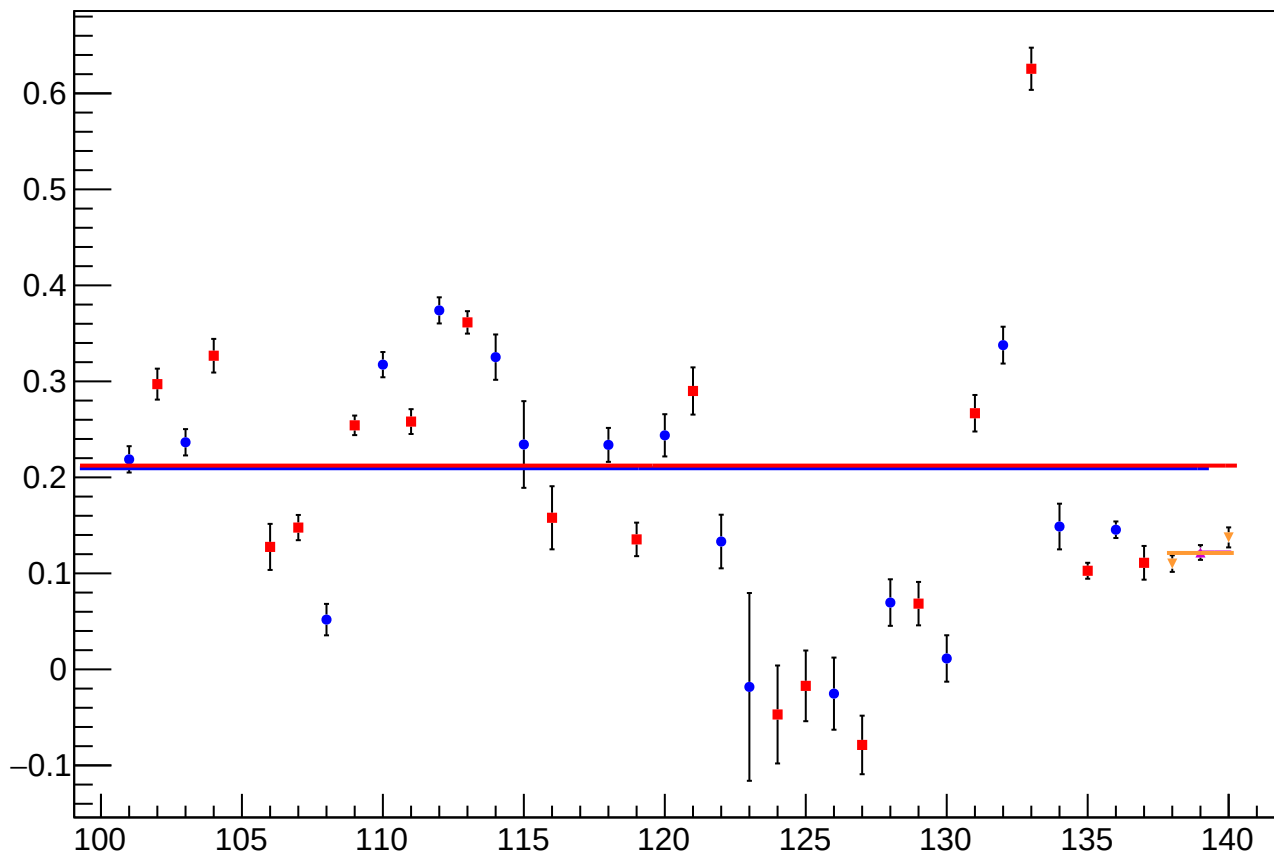
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.307 ± 0.070 χ^2/NDF : 1660.9/17

Out: -1.316 ± 0.062 χ^2/NDF : 1744.3/19

All: -1.312 ± 0.047 χ^2/NDF : 3405.3/37

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.121 $\pm$ 0.007 χ^2 /NDF: 4.1/1

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.122 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.121 $\pm$ 0.005 χ^2 /NDF: 4.1/2

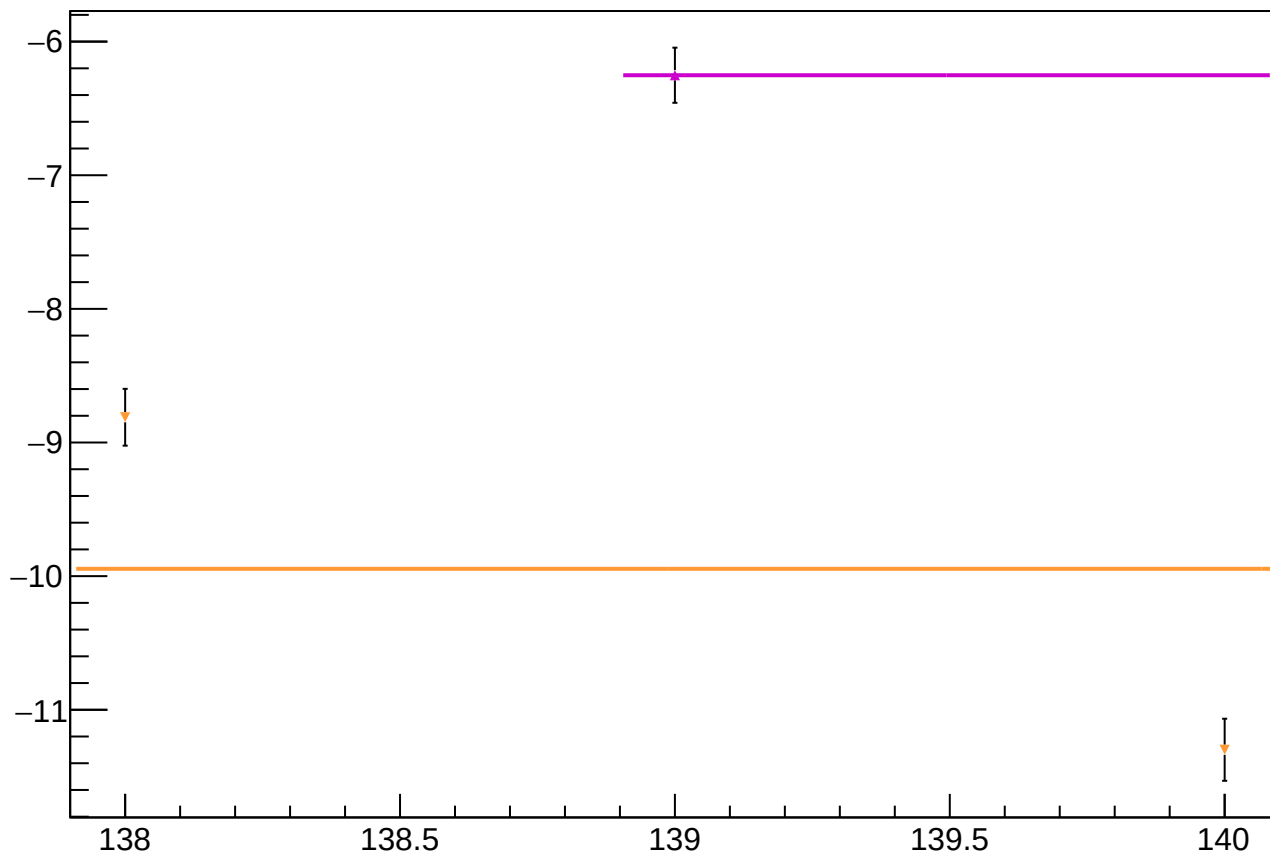
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.189 $\pm$ 0.004 χ^2 /NDF: 697.6/17

Out: 0.190 $\pm$ 0.003 χ^2 /NDF: 1242.6/19

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 1940.3/37

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.945+/-0.157 χ^2/NDF : 62.4/1

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

Left In: -6.252+/-0.206 χ^2/NDF : 0.0/0

Left: -8.592+/-0.125 χ^2/NDF : 265.6/2

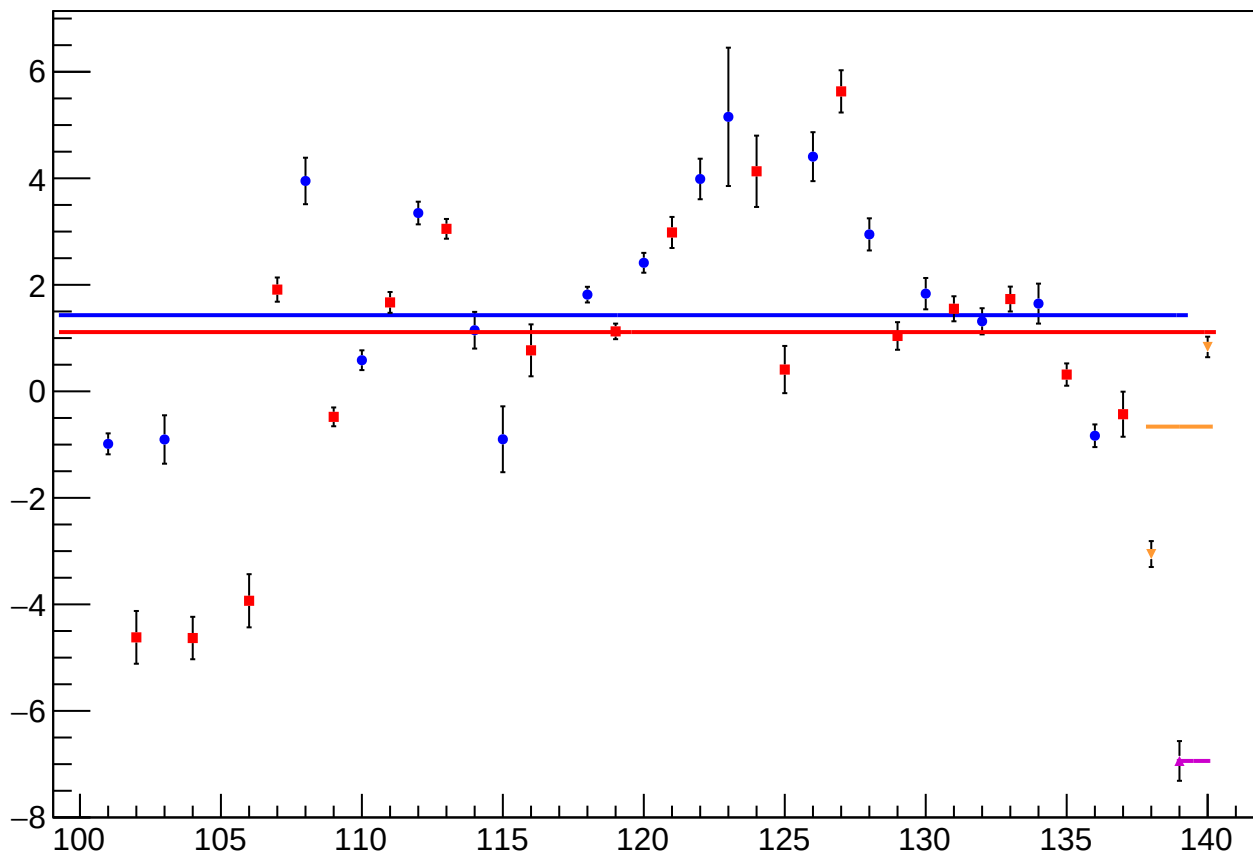
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.252+/-0.206 χ^2/NDF : 0.0/0

Out: -9.945+/-0.157 χ^2/NDF : 62.4/1

All: -8.592+/-0.125 χ^2/NDF : 265.6/2

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: -0.662 $\pm$ 0.151 χ^2 /NDF:156.9/1

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: -6.940 $\pm$ 0.373 χ^2 /NDF:0.0/0

Left: -1.547 $\pm$ 0.140 χ^2 /NDF: 400.3/2

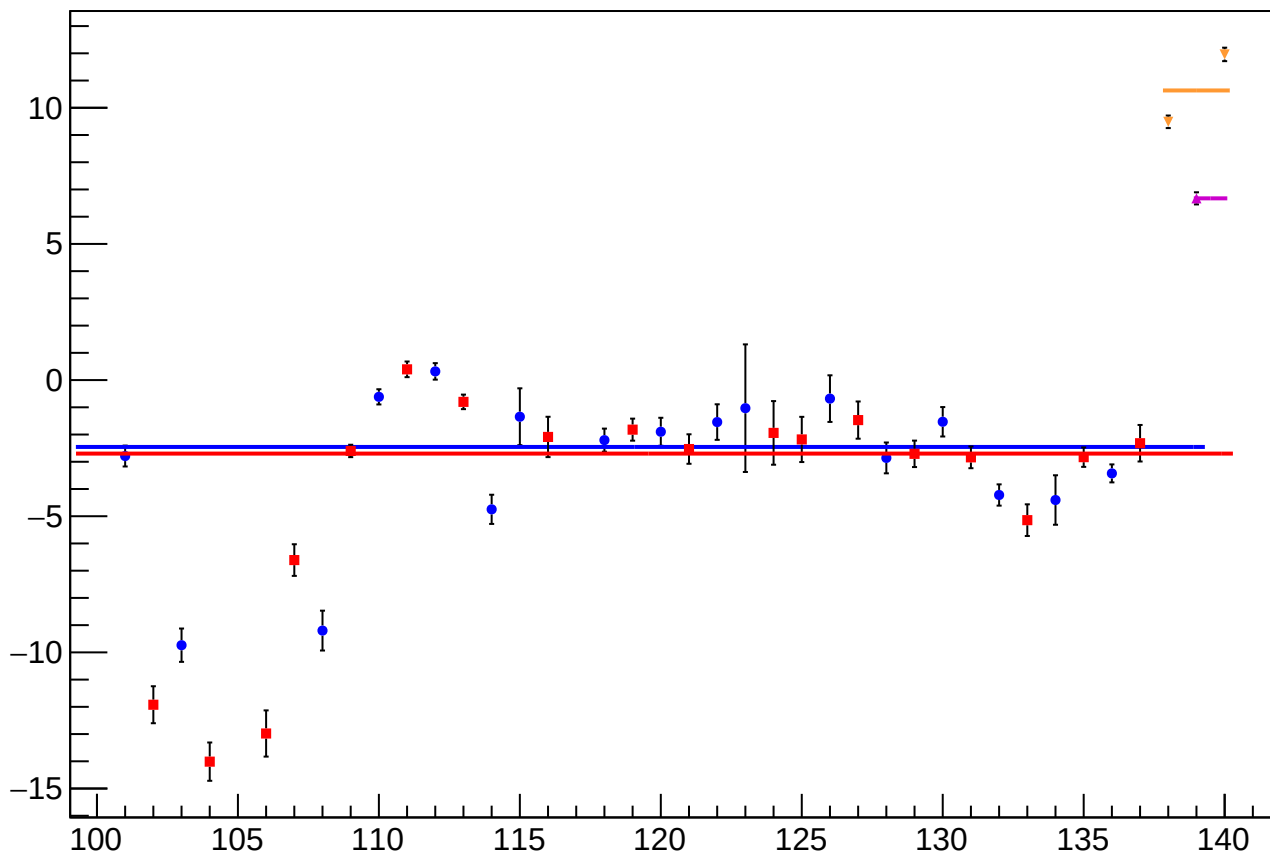
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.199 $\pm$ 0.062 χ^2 /NDF:1087.8/17

Out: 0.870 $\pm$ 0.056 χ^2 /NDF:1163.8/19

All: 1.018 $\pm$ 0.041 χ^2 /NDF: 2267.2/37

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 10.636 ± 0.169 $\chi^2/\text{NDF}: 53.5/1$

Right Out: -2.700 ± 0.104 $\chi^2/\text{NDF}: 829.7/17$

Left In: 6.674 ± 0.223 $\chi^2/\text{NDF}: 0.0/0$

Left: 9.194 ± 0.135 $\chi^2/\text{NDF}: 254.0/2$

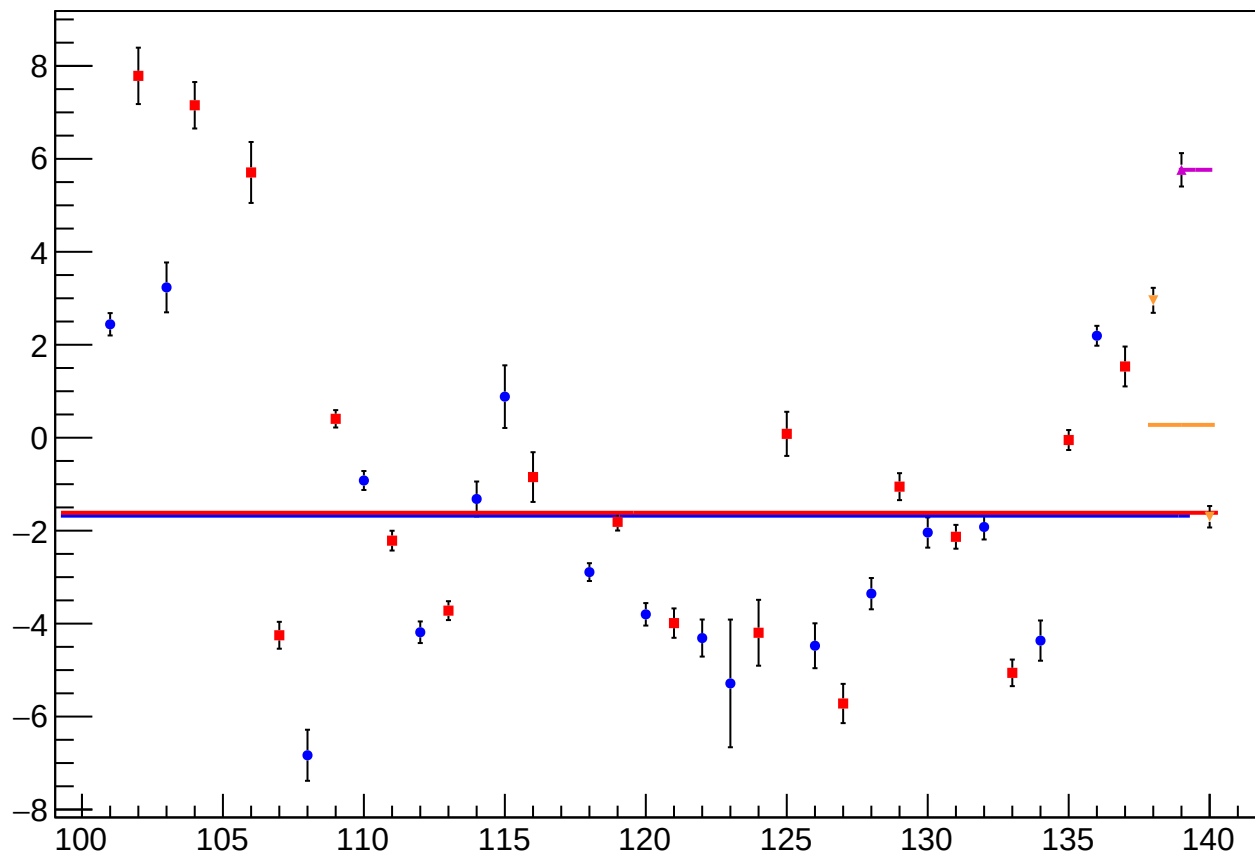
Right: -2.590 ± 0.077 $\chi^2/\text{NDF}: 1251.4/34$

In: -0.552 ± 0.102 $\chi^2/\text{NDF}: 1743.6/17$

Out: 0.947 ± 0.088 $\chi^2/\text{NDF}: 5417.3/19$

All: 0.304 ± 0.067 $\chi^2/\text{NDF}: 7284.4/37$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: 0.276 ± 0.175 χ^2/NDF : 172.5/1

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: 5.764 ± 0.359 χ^2/NDF : 0.0/0

Left: 1.331 ± 0.158 χ^2/NDF : 361.0/2

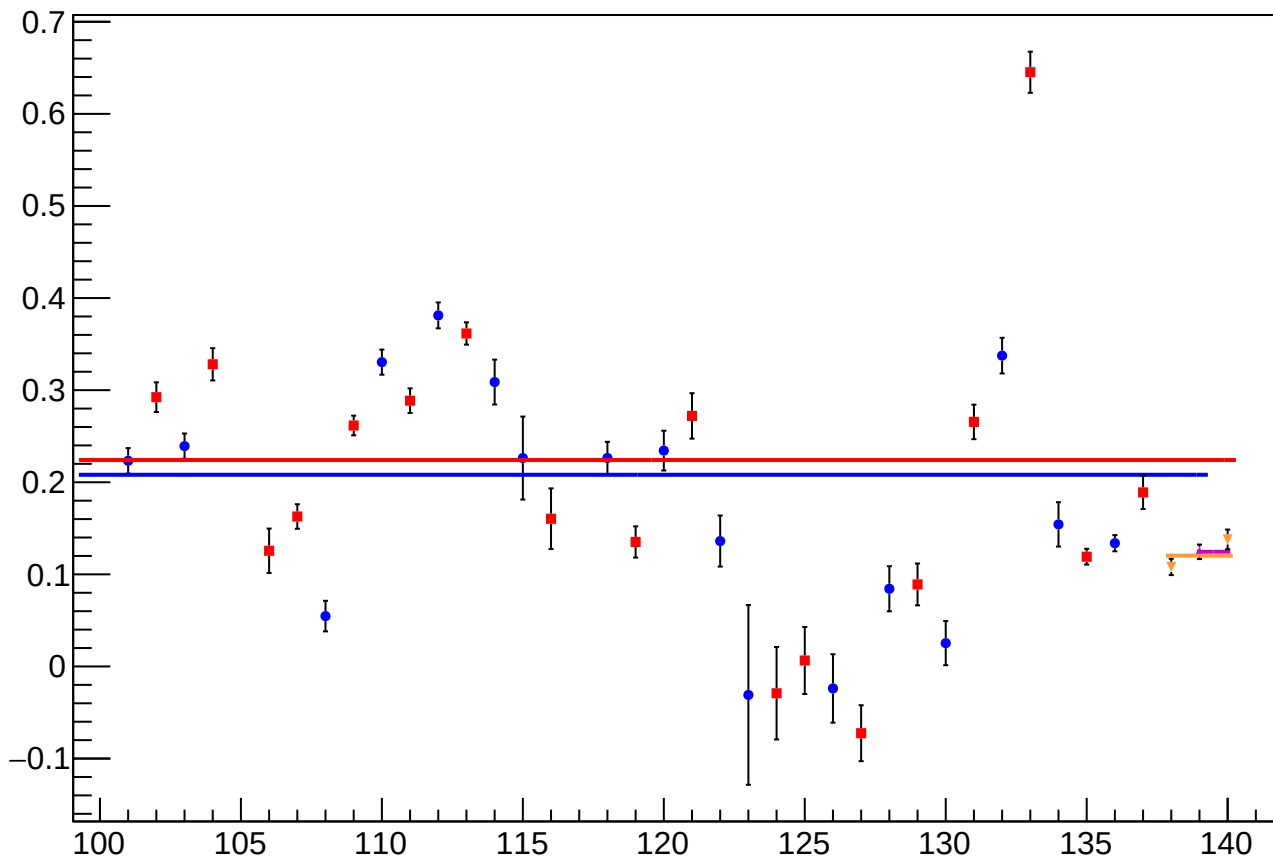
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.386 ± 0.071 χ^2/NDF : 1616.9/17

Out: -1.367 ± 0.063 χ^2/NDF : 1701.1/19

All: -1.376 ± 0.047 χ^2/NDF : 3318.0/37

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.120 $\pm$ 0.007 χ^2 /NDF: 4.6/1

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.124 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left: 0.122 $\pm$ 0.005 χ^2 /NDF: 4.8/2

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.189 $\pm$ 0.004 χ^2 /NDF: 687.4/17

Out: 0.199 $\pm$ 0.003 χ^2 /NDF: 1176.0/19

All: 0.195 $\pm$ 0.003 χ^2 /NDF: 1867.3/37