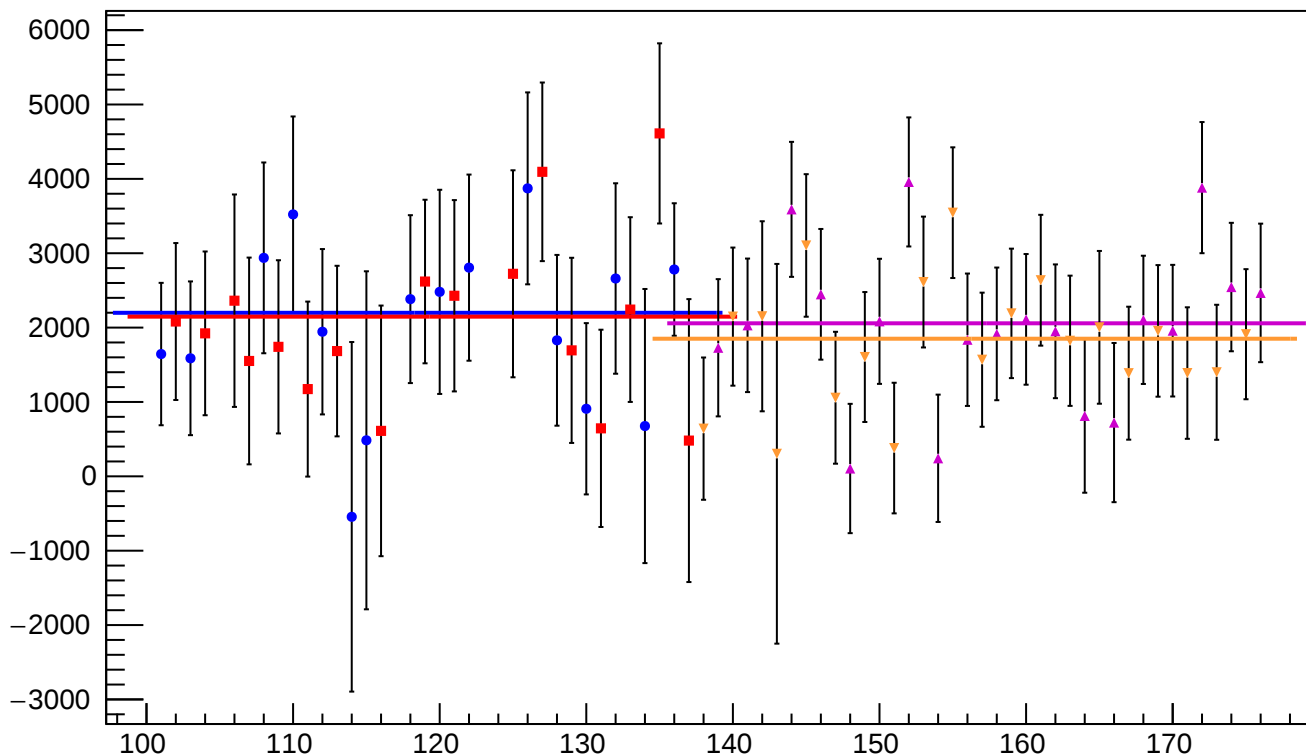


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1850.498+/-208.542

Right Out: 2147.149+/-304.804

Left In: 2057.776+/-205.782

χ^2/NDF : 8.6/15

χ^2/NDF : 13.9/19

χ^2/NDF : 11.4/16

χ^2/NDF : 25.4/18

Left: 1955.518+/-146.476

Right: 2172.848+/-216.219

In: 2101.566+/-170.893

Out: 1945.086+/-172.113

All: 2023.882+/-121.269

χ^2/NDF : 39.8/38

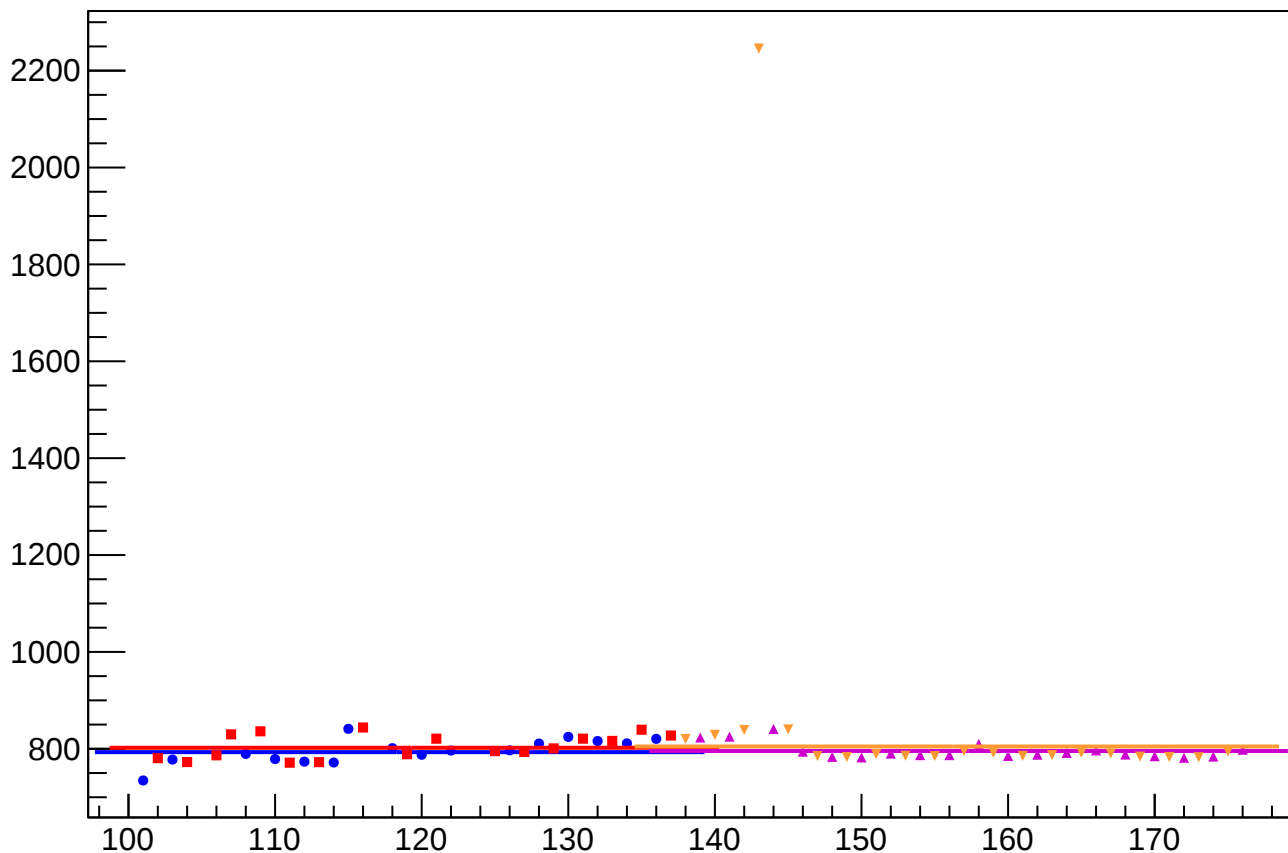
χ^2/NDF : 20.0/32

χ^2/NDF : 34.2/34

χ^2/NDF : 25.9/36

χ^2/NDF : 60.5/71

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091+/-0.217 χ^2/NDF : 14703.0/15

Left Out: 804.731+/-0.147 χ^2/NDF : 654917.9/19

Right Out: 802.148+/-0.216 χ^2/NDF : 12723.5/16

Left In: 795.403+/-0.146 χ^2/NDF : 12640.1/18

Left: 800.005+/-0.104 χ^2/NDF : 669585.5/38

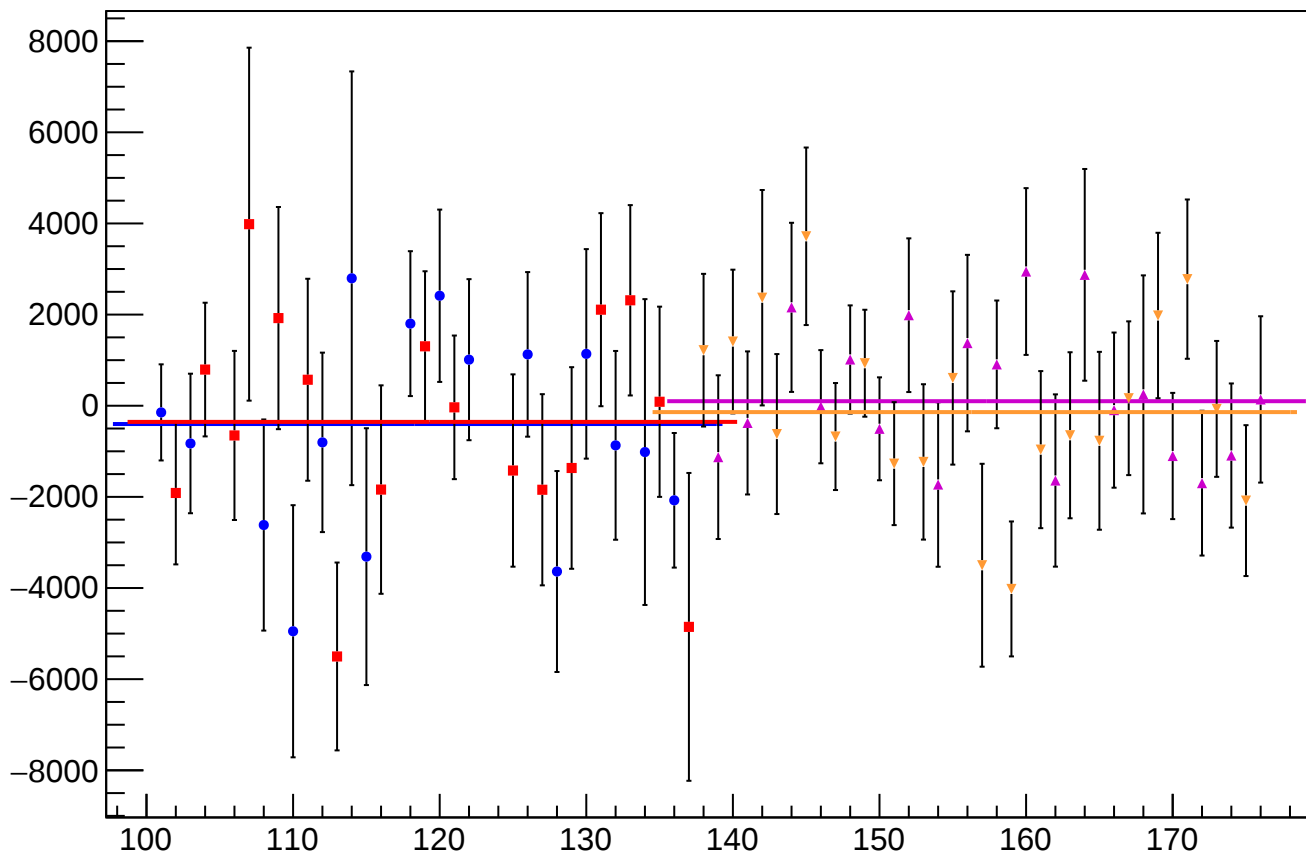
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 794.685+/-0.121 χ^2/NDF : 27421.5/34

Out: 803.907+/-0.122 χ^2/NDF : 667739.3/36

All: 799.264+/-0.086 χ^2/NDF : 698052.1/71

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -139.691+/-365.073 χ^2/NDF : 24.2/19

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

Left In: 99.570+/-366.240 χ^2/NDF : 13.0/18

Left: -20.442+/-258.557 χ^2/NDF : 37.4/38

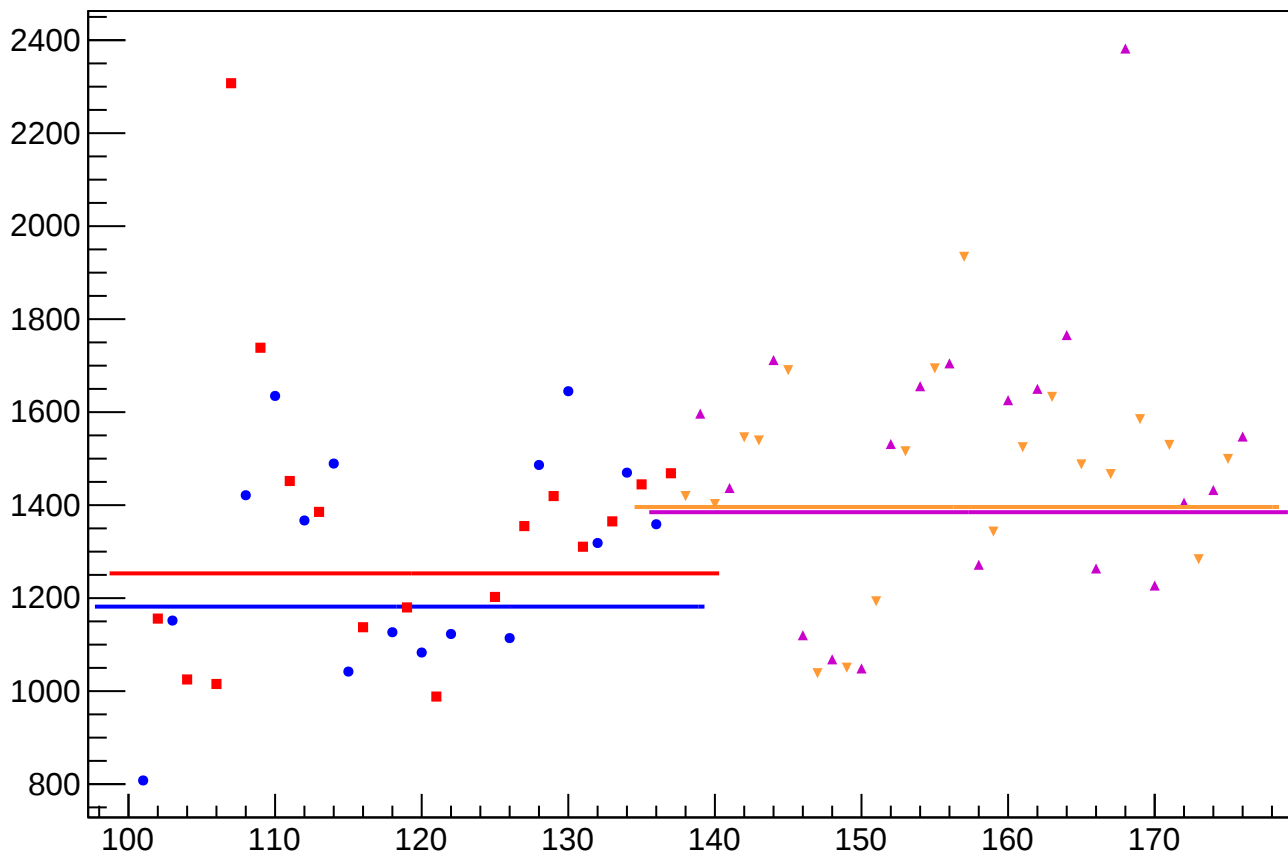
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -90.390+/-288.578 χ^2/NDF : 28.6/34

Out: -217.057+/-292.007 χ^2/NDF : 41.7/36

All: -152.976+/-205.257 χ^2/NDF : 70.4/71

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2 /NDF: 543493.3/15

Left Out: 1395.976 $\pm$ 0.258 χ^2 /NDF: 755250.5/19

Right Out: 1253.221 $\pm$ 0.344 χ^2 /NDF: 455640.3/16

Left In: 1384.846 $\pm$ 0.259 χ^2 /NDF: 1103528.6/18

Left: 1390.429 $\pm$ 0.183 χ^2 /NDF: 1859705.6/38

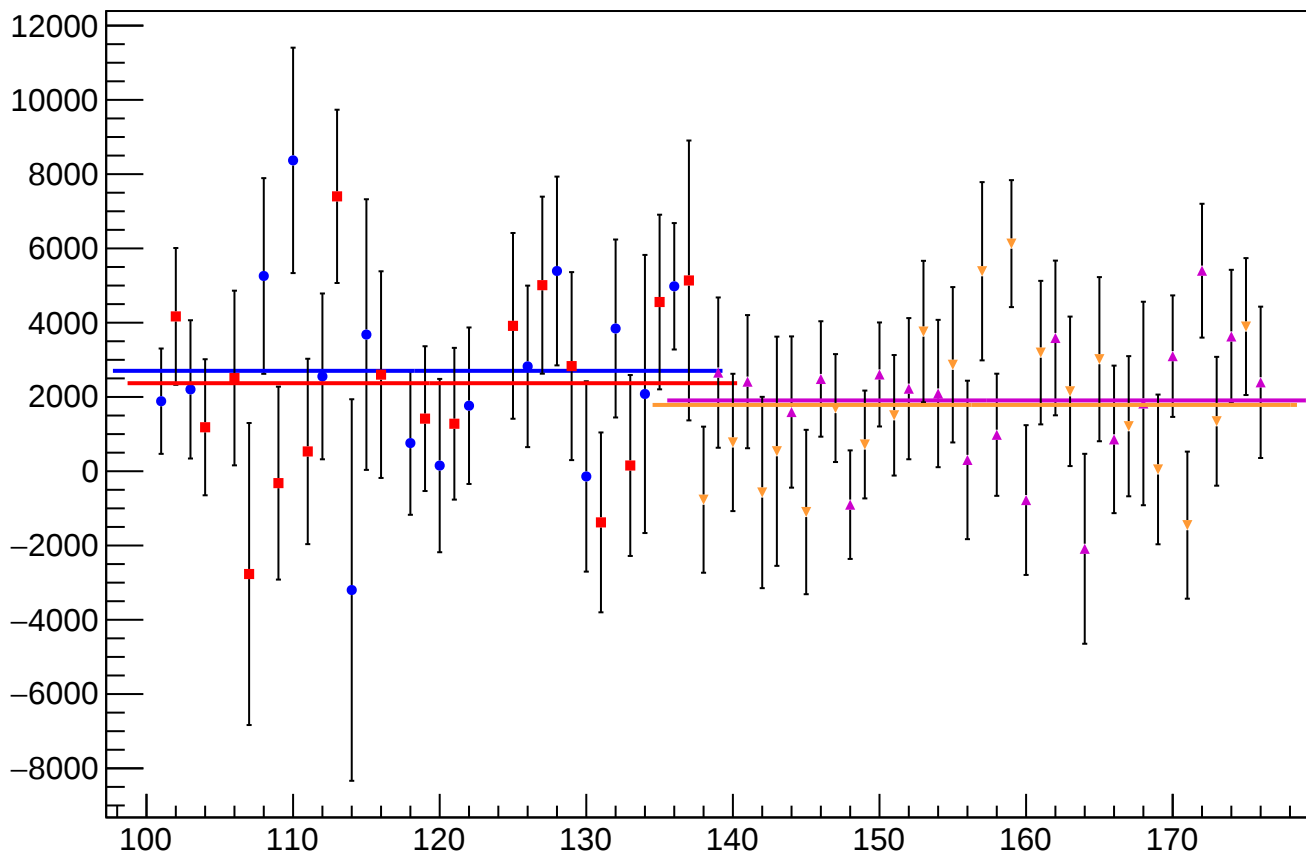
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1307.851 $\pm$ 0.204 χ^2 /NDF: 1880166.2/34

Out: 1344.552 $\pm$ 0.206 χ^2 /NDF: 1321052.1/36

All: 1325.985 $\pm$ 0.145 χ^2 /NDF: 3217201.6/71

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2 /NDF: 13.0/15

Left Out: 1785.665 $\pm$ 426.942 χ^2 /NDF:21.1/19

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

Left In: 1907.018 $\pm$ 424.180 χ^2 /NDF:15.6/18

Left: 1846.735 $\pm$ 300.912 χ^2 /NDF: 36.7/38

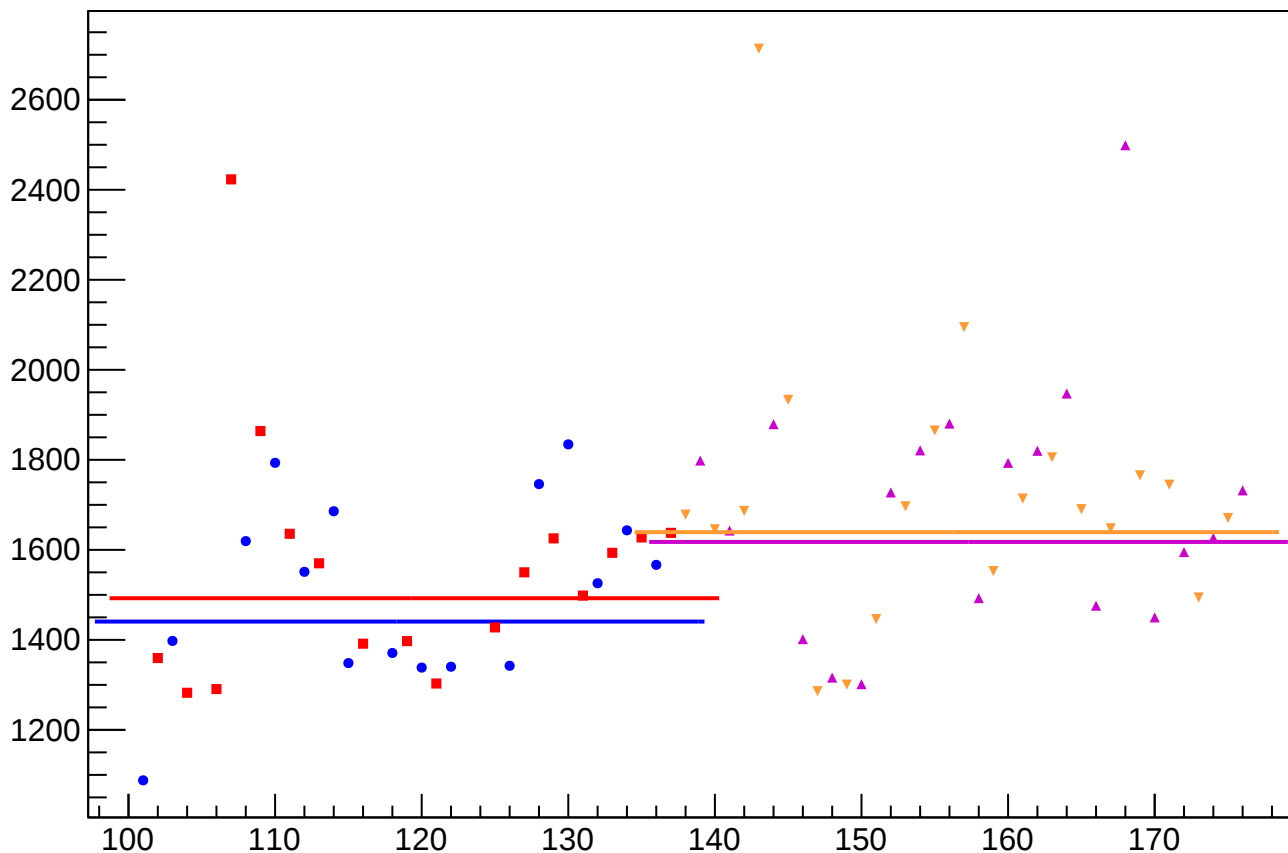
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2194.514 $\pm$ 339.113 χ^2 /NDF:29.9/34

Out: 1994.259 $\pm$ 342.460 χ^2 /NDF:37.8/36

All: 2095.370 $\pm$ 240.964 χ^2 /NDF: 67.9/71

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1639.352+/-0.302 χ^2/NDF : 682755.1/19

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

Left In: 1617.590+/-0.300 χ^2/NDF : 656680.9/18

Left: 1628.400+/-0.213 χ^2/NDF : 1342051.1/38

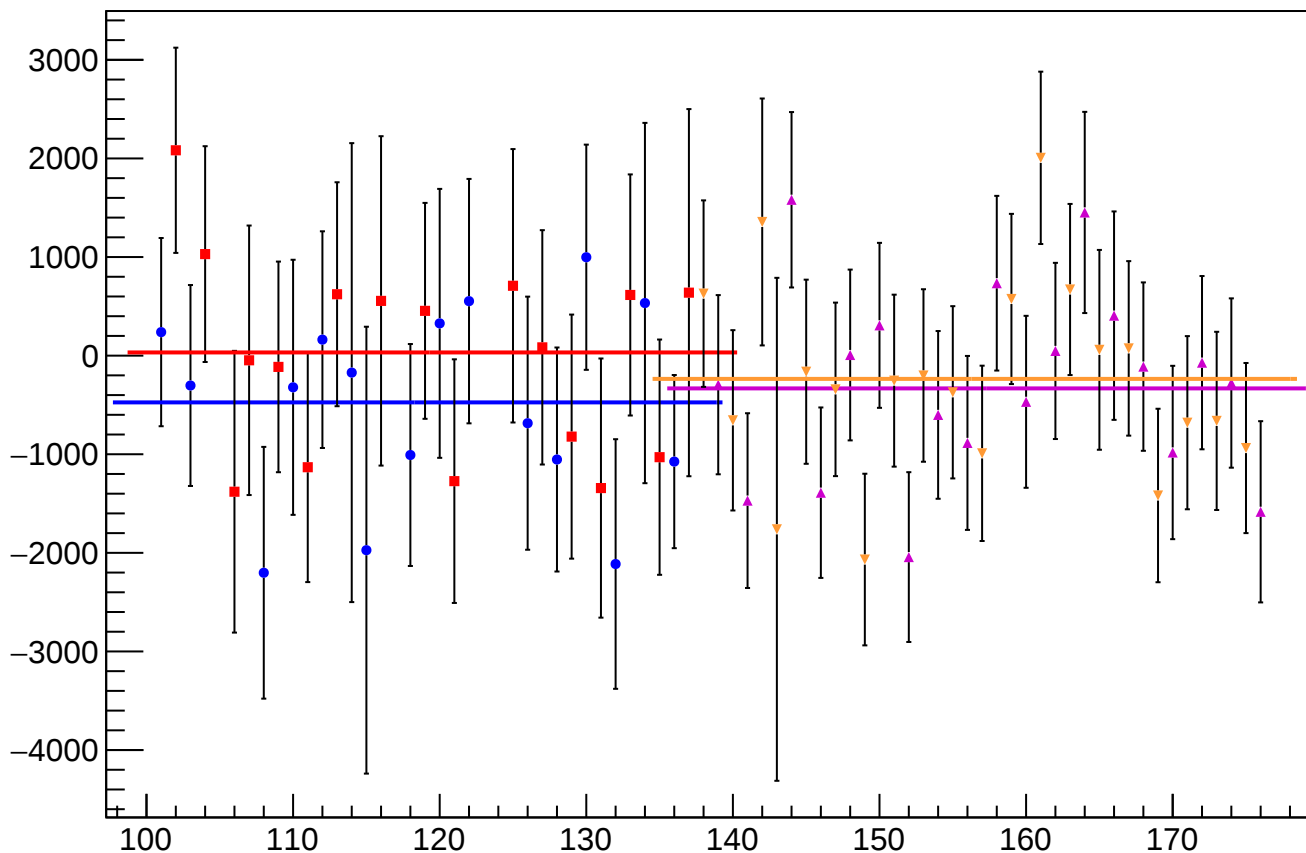
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1553.738+/-0.240 χ^2/NDF : 1064523.3/34

Out: 1586.995+/-0.242 χ^2/NDF : 1018606.2/36

All: 1570.203+/-0.170 χ^2/NDF : 2092652.8/71

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -235.719 ± 206.504 χ^2/NDF : 19.9/19

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

Left In: -332.274 ± 203.851 χ^2/NDF : 20.7/18

Left: -284.621 ± 145.074 χ^2/NDF : 40.8/38

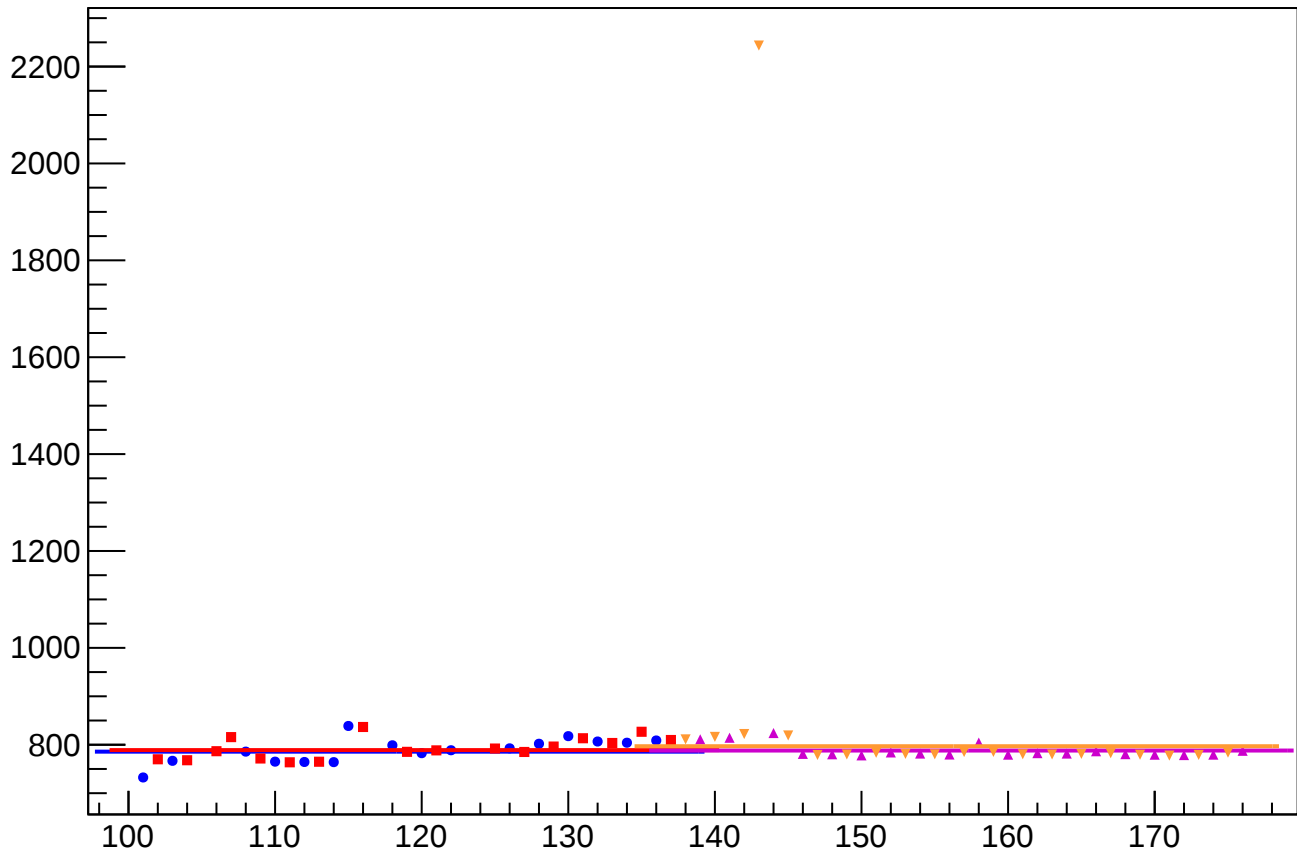
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

In: -376.294 ± 169.294 χ^2/NDF : 29.7/34

Out: -149.351 ± 170.030 χ^2/NDF : 31.7/36

All: -263.315 ± 119.968 χ^2/NDF : 62.4/71

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746+/-0.215 χ^2/NDF : 13921.5/15

Left Out: 796.937+/-0.146 χ^2/NDF : 656269.4/19

Right Out: 788.940+/-0.212 χ^2/NDF : 9525.0/16

Left In: 788.030+/-0.144 χ^2/NDF : 9057.2/18

Left: 792.426+/-0.103 χ^2/NDF : 667211.0/38

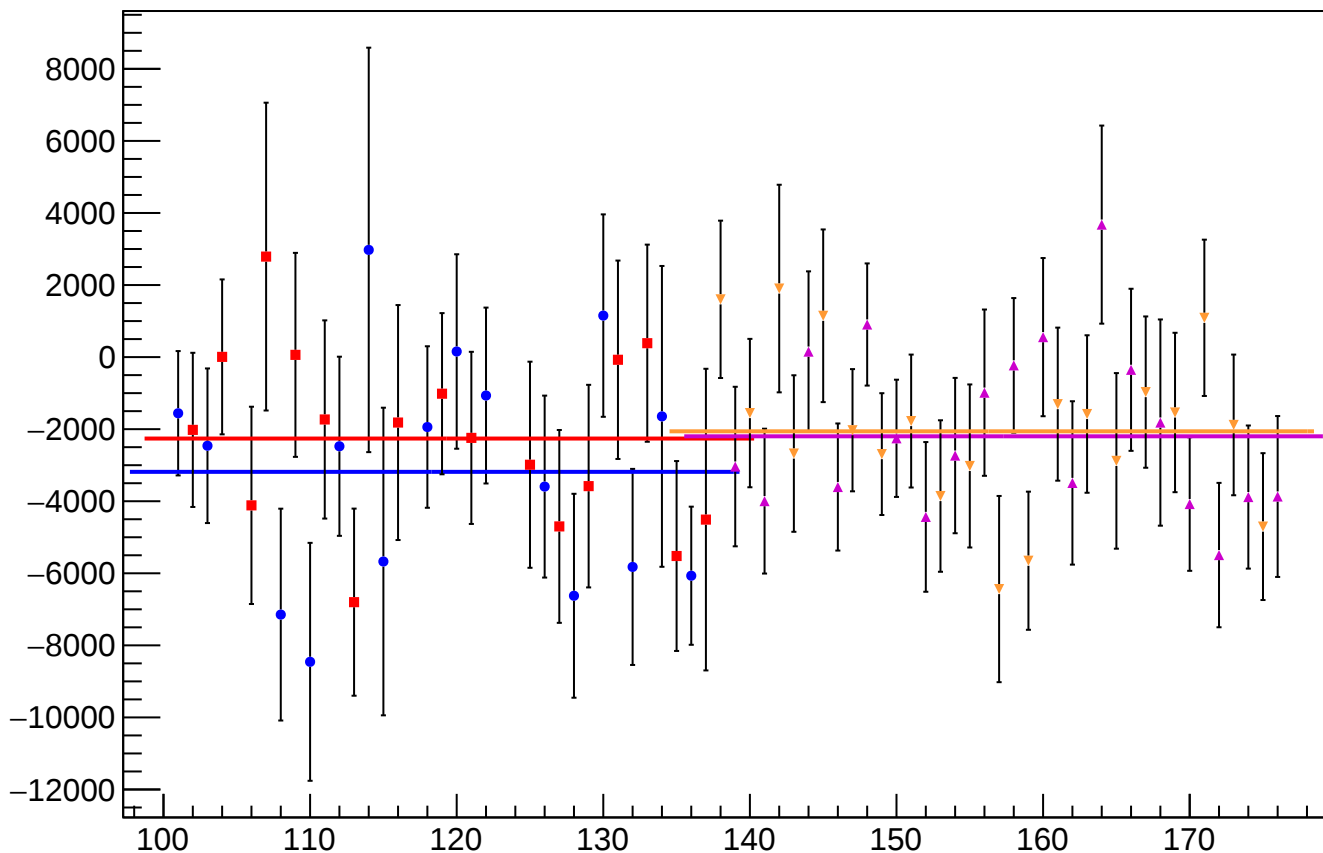
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 787.321+/-0.120 χ^2/NDF : 23056.6/34

Out: 794.362+/-0.120 χ^2/NDF : 666760.4/36

All: 790.826+/-0.085 χ^2/NDF : 691538.9/71

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -2059.345 $\pm$ 469.649 χ^2/NDF : 18.5/19

Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16

Left In: -2198.264 $\pm$ 472.973 χ^2/NDF : 20.8/18

Left: -2128.314 $\pm$ 333.261 χ^2/NDF : 39.4/38

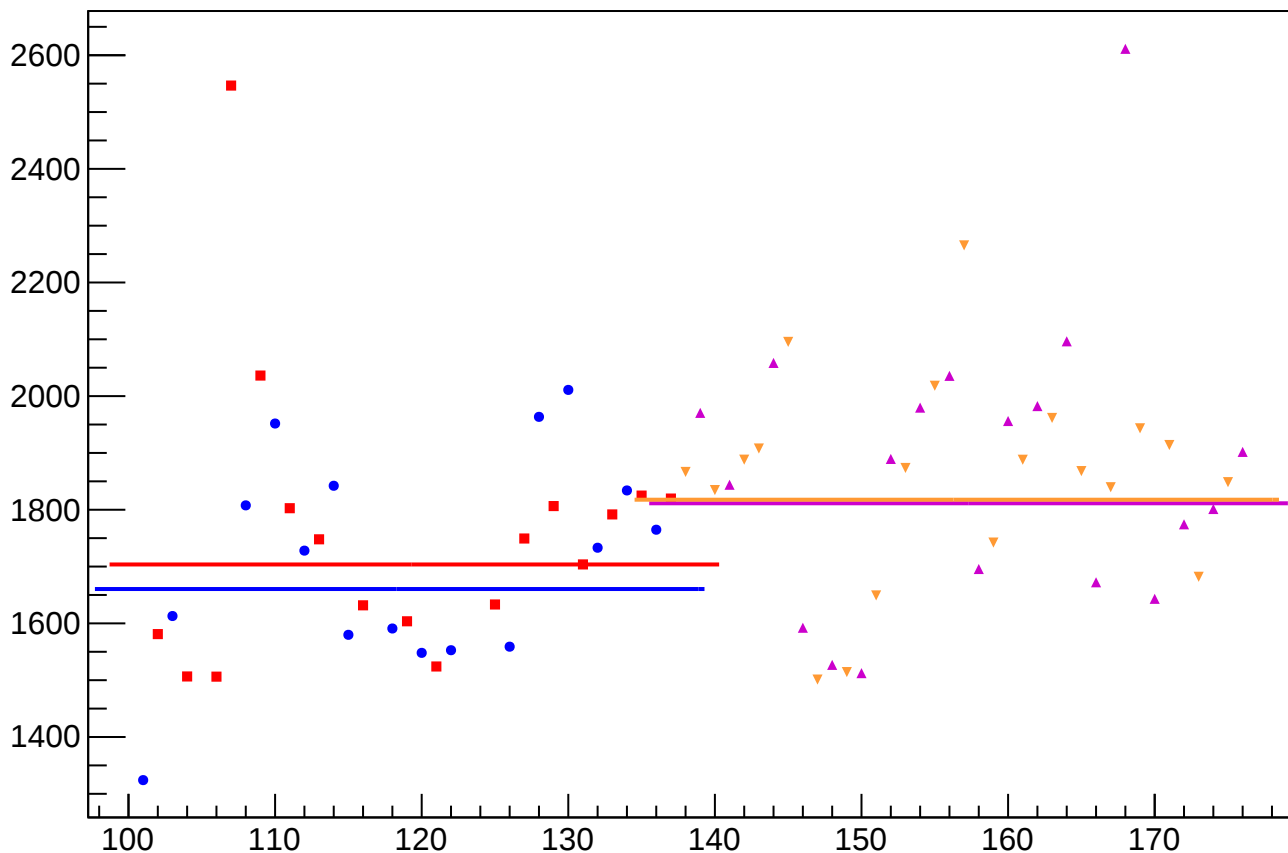
Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32

In: -2541.506 $\pm$ 381.902 χ^2/NDF : 39.2/34

Out: -2127.980 $\pm$ 381.070 χ^2/NDF : 30.1/36

All: -2334.292 $\pm$ 269.751 χ^2/NDF : 69.9/71

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2/NDF : 179206.0/15

Left Out: 1817.667 $\pm$ 0.332 χ^2/NDF : 296165.0/19

Right Out: 1703.679 $\pm$ 0.461 χ^2/NDF : 171025.5/16

Left In: 1811.370 $\pm$ 0.334 χ^2/NDF : 457698.1/18

Left: 1814.541 $\pm$ 0.236 χ^2/NDF : 754041.6/38

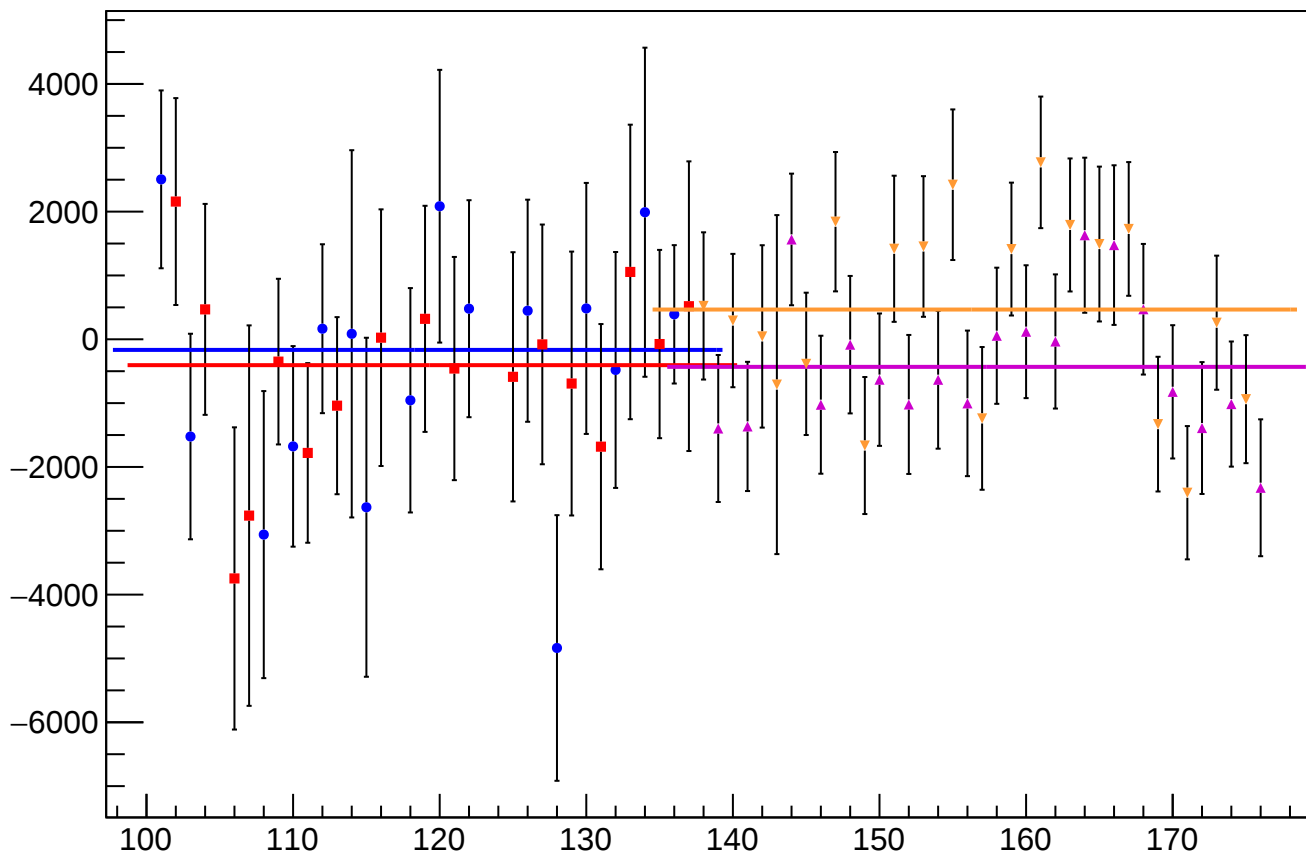
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1758.850 $\pm$ 0.270 χ^2/NDF : 707763.5/34

Out: 1778.724 $\pm$ 0.269 χ^2/NDF : 507440.4/36

All: 1768.809 $\pm$ 0.191 χ^2/NDF : 1217917.7/71

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 465.954+/-249.908 χ^2/NDF : 35.1/19

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

Left In: -431.975+/-245.914 χ^2/NDF : 17.4/18

Left: 9.757+/-175.283 χ^2/NDF : 59.0/38

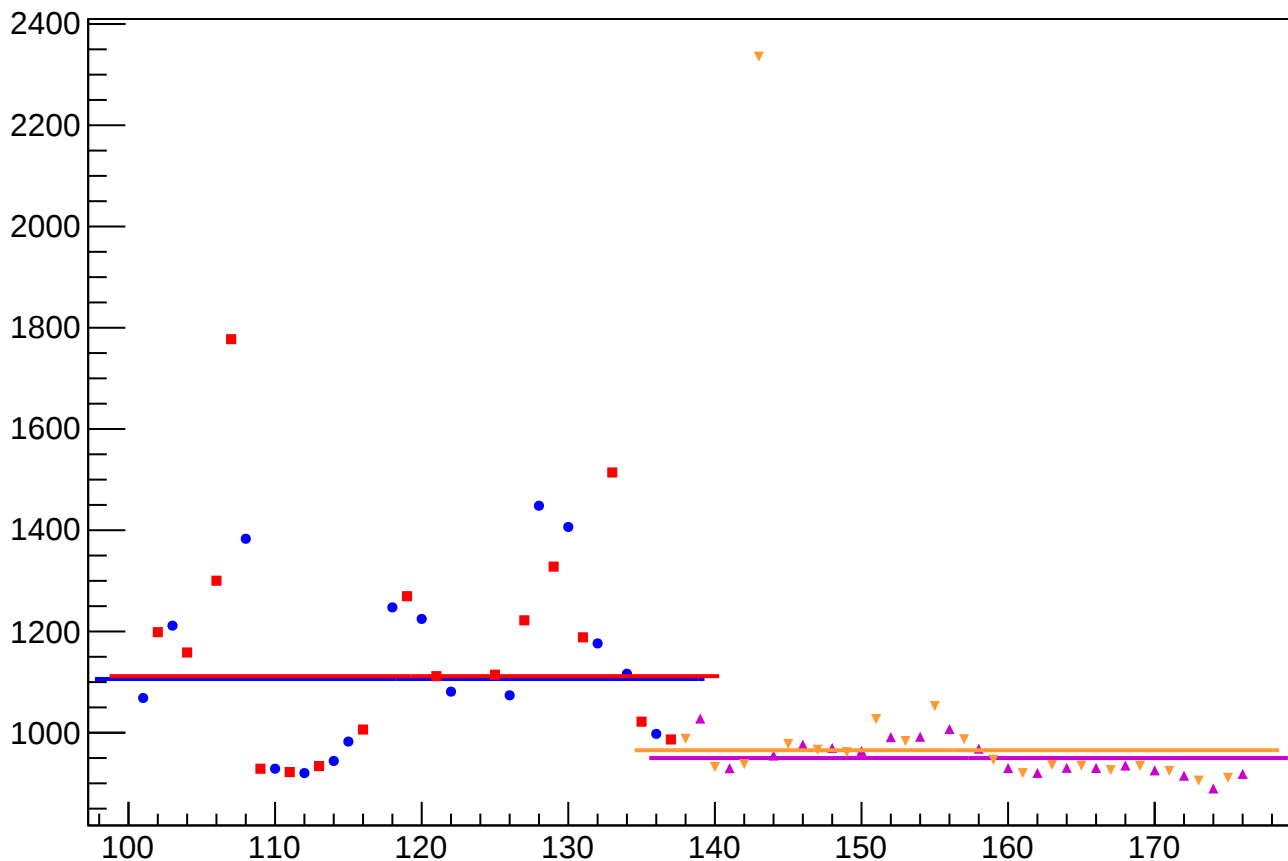
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -367.123+/-213.796 χ^2/NDF : 33.3/34

Out: 244.916+/-215.892 χ^2/NDF : 46.0/36

All: -64.088+/-151.912 χ^2/NDF : 83.4/71

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 965.367+/-0.177 χ^2/NDF : 581748.6/19

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

Left In: 949.952+/-0.174 χ^2/NDF : 40117.2/18

Left: 957.535+/-0.124 χ^2/NDF : 625731.5/38

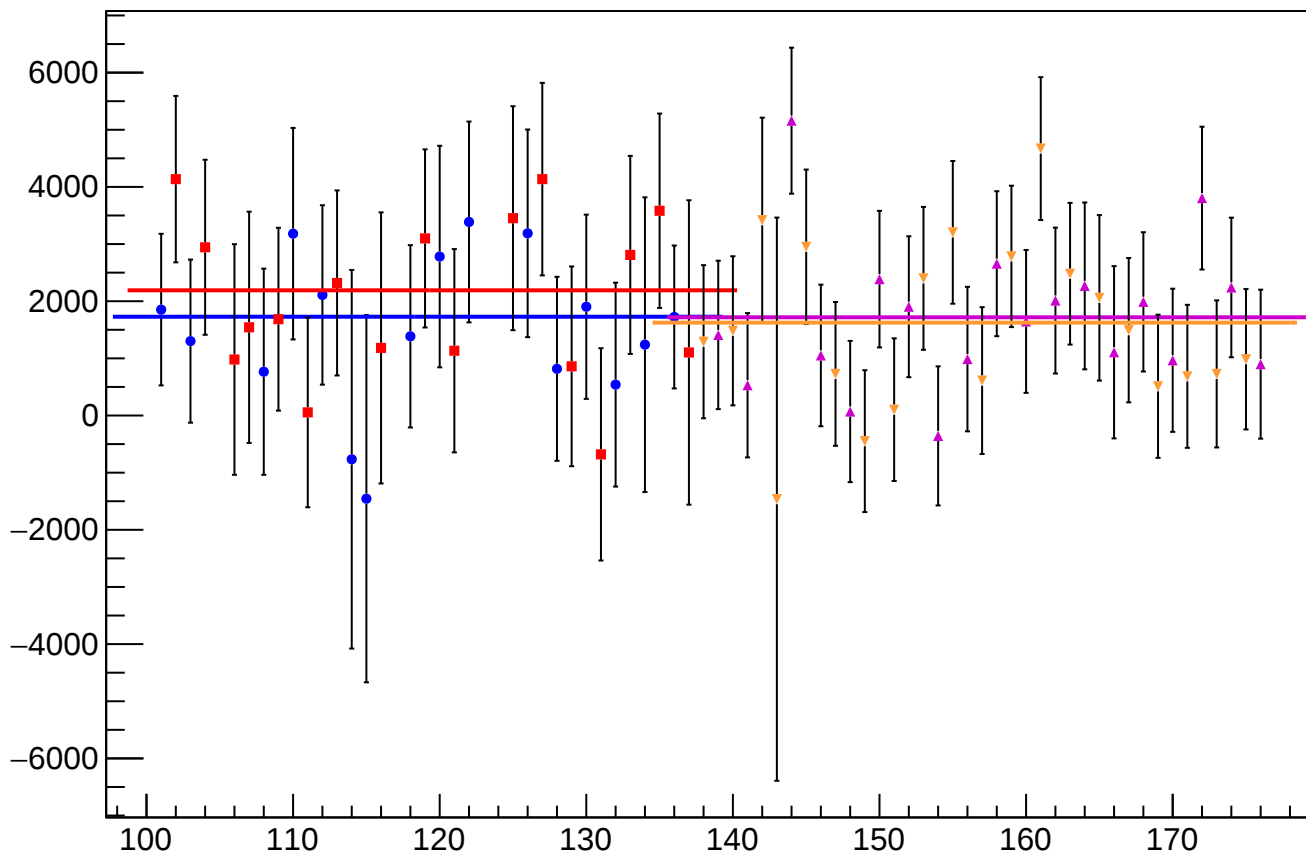
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 988.091+/-0.151 χ^2/NDF : 497063.0/34

Out: 1002.499+/-0.153 χ^2/NDF : 1112173.5/36

All: 995.225+/-0.107 χ^2/NDF : 1613733.7/71

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2/NDF : 5.3/15

Left Out: 1625.200 $\pm$ 295.590 χ^2/NDF : 19.3/19

Right Out: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

Left In: 1719.016 $\pm$ 291.183 χ^2/NDF : 18.5/18

Left: 1672.812 $\pm$ 207.438 χ^2/NDF : 37.9/38

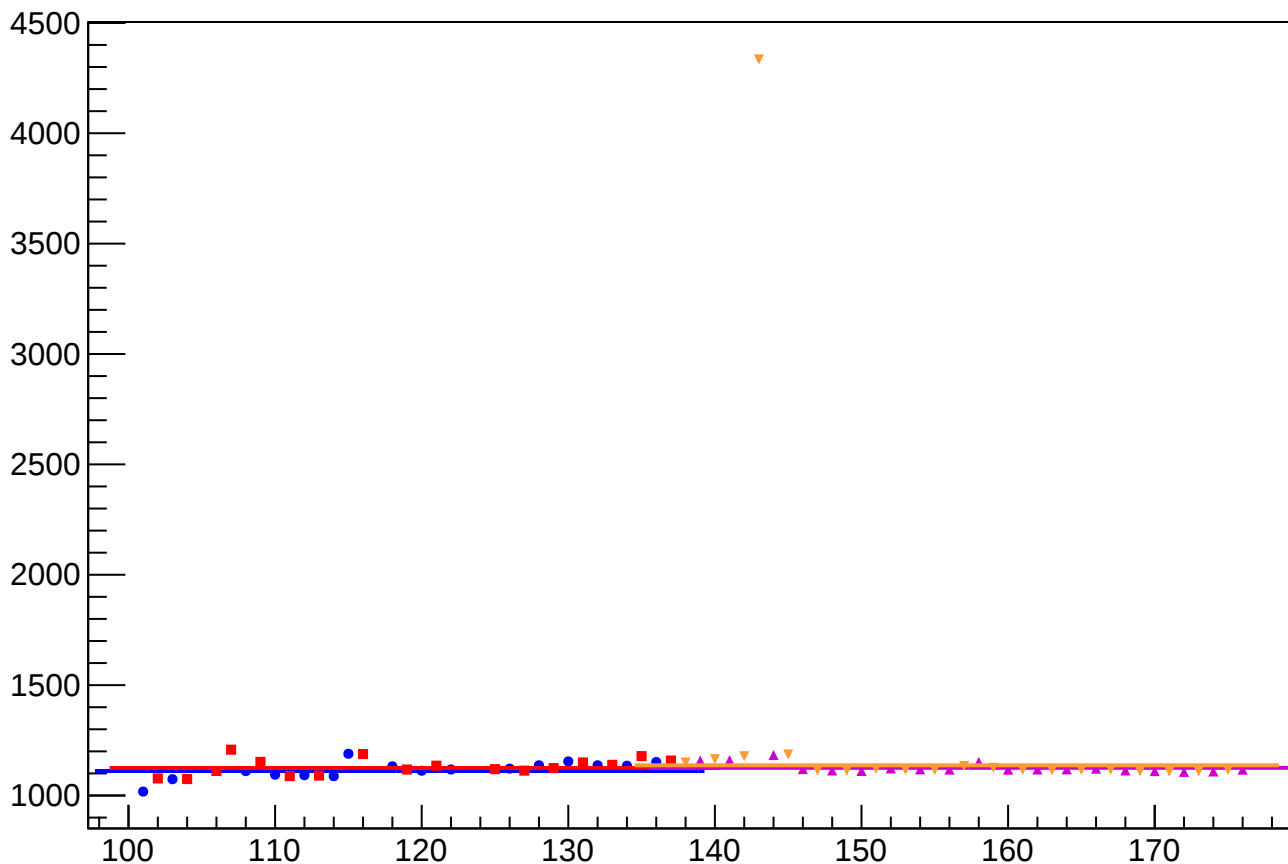
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1721.988 $\pm$ 241.069 χ^2/NDF : 23.8/34

Out: 1808.360 $\pm$ 243.079 χ^2/NDF : 31.3/36

All: 1764.815 $\pm$ 171.168 χ^2/NDF : 55.2/71

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1136.855+/-0.209 χ^2/NDF : 855531.5/19

Right Out: 1124.514+/-0.302 χ^2/NDF : 14600.7/16

Left In: 1125.565+/-0.206 χ^2/NDF : 10069.3/18

Left: 1131.125+/-0.147 χ^2/NDF : 867081.5/38

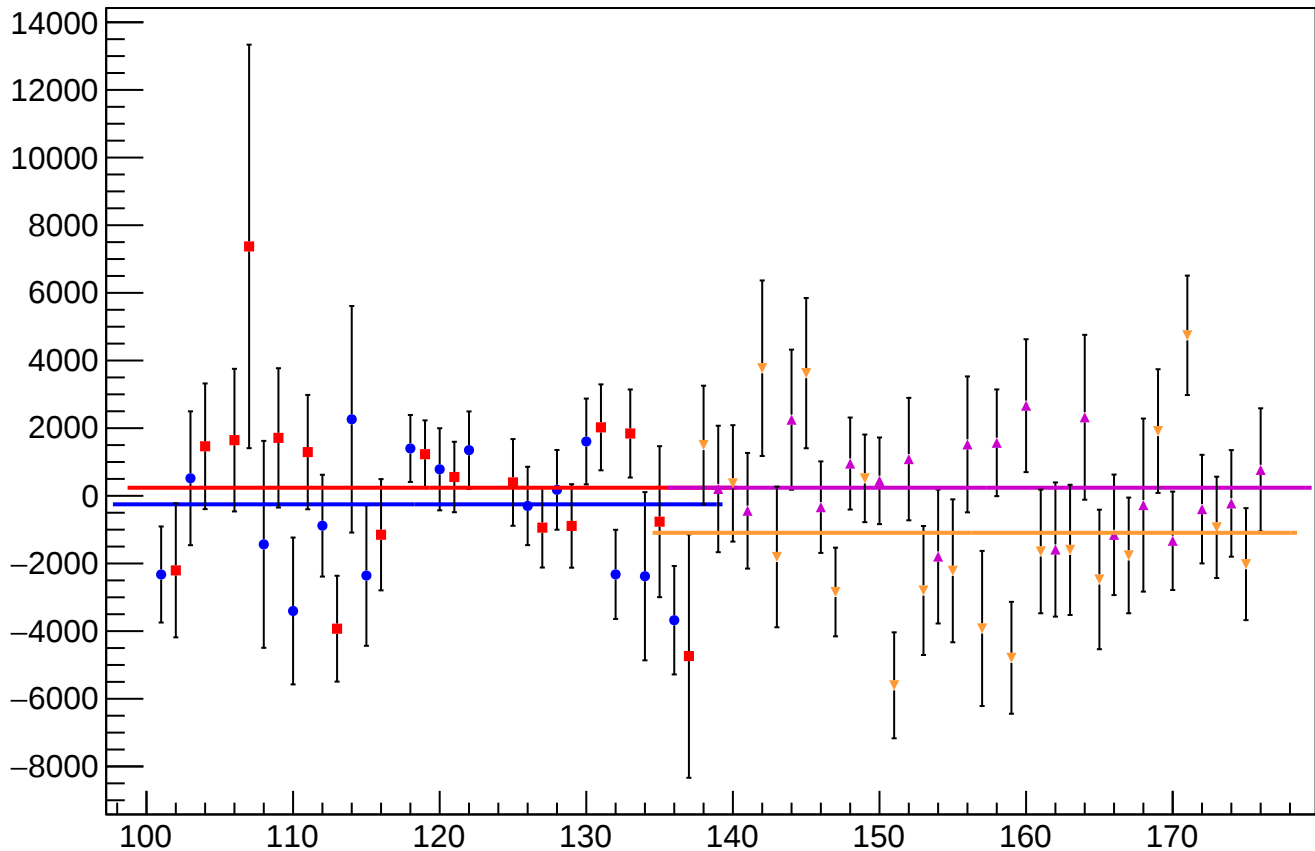
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1120.996+/-0.170 χ^2/NDF : 29725.4/34

Out: 1132.860+/-0.172 χ^2/NDF : 871260.7/36

All: 1126.879+/-0.121 χ^2/NDF : 903387.8/71

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1093.486+/-393.351 χ^2/NDF :45.0/19

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

Left In: 239.183+/-392.753 χ^2/NDF :9.2/18

Left: -426.139+/-277.929 χ^2/NDF : 60.0/38

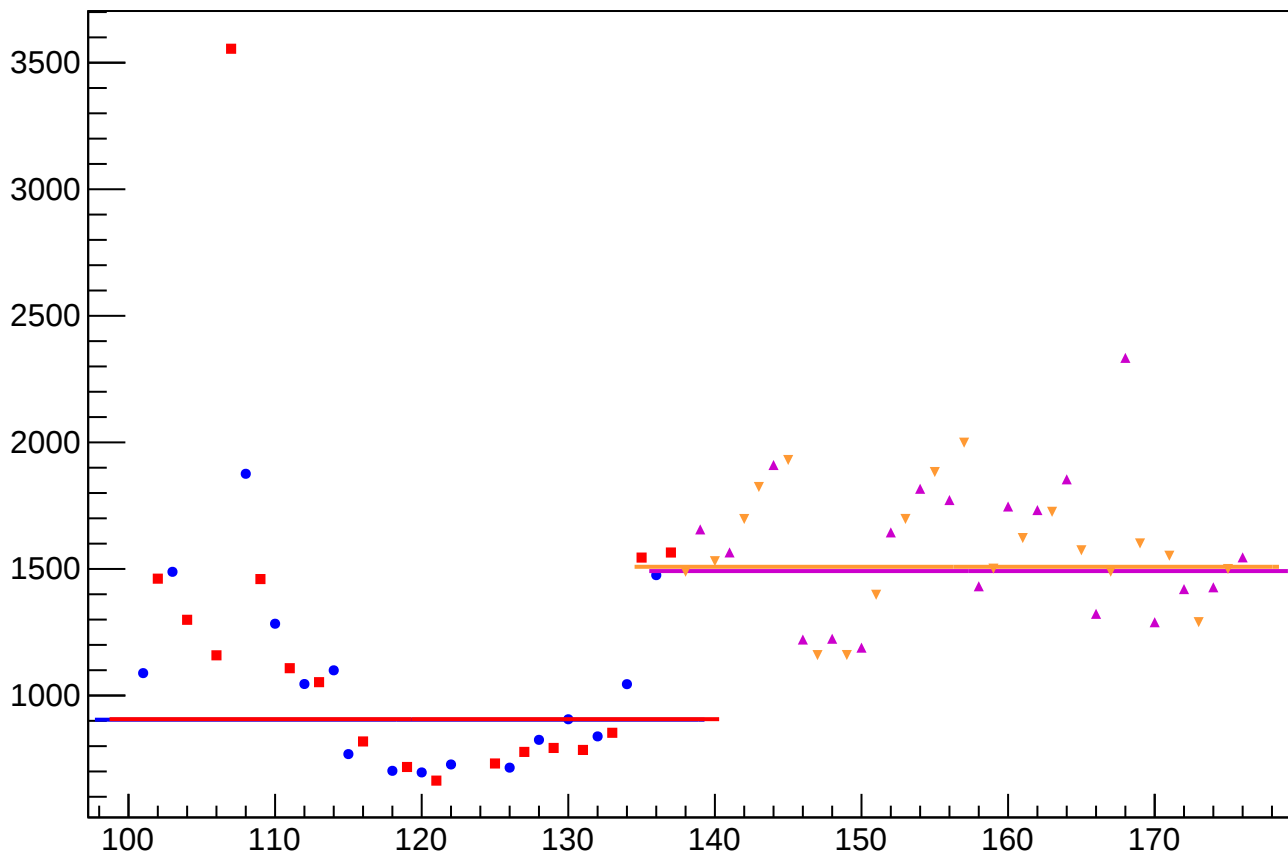
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -24.046+/-267.348 χ^2/NDF :31.9/34

Out: -374.928+/-267.099 χ^2/NDF :72.3/36

All: -199.651+/-188.955 χ^2/NDF : 105.0/71

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1508.578+/-0.278 χ^2/NDF : 684267.7/19

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

Left In: 1491.630+/-0.278 χ^2/NDF : 869912.0/18

Left: 1500.091+/-0.197 χ^2/NDF : 1556038.9/38

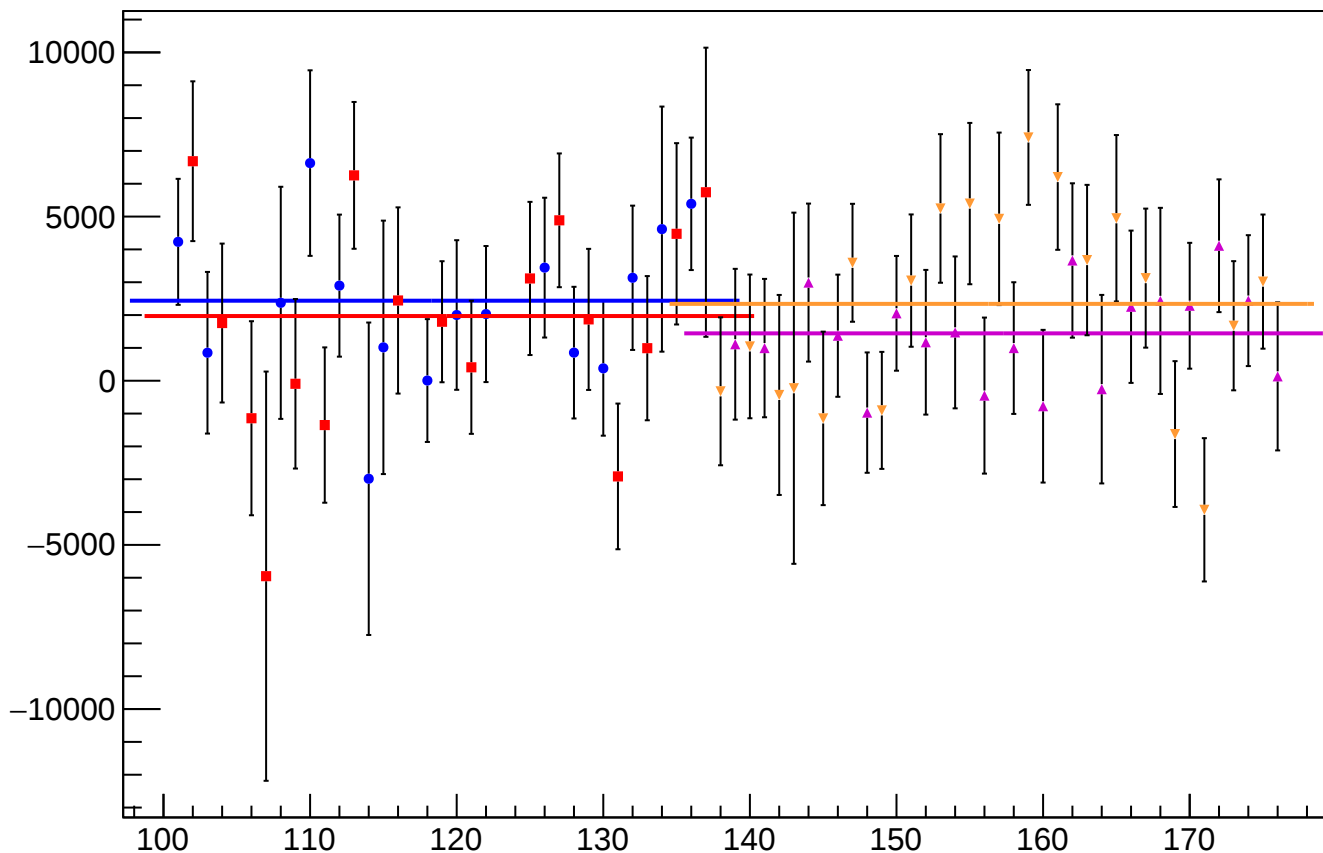
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1176.544+/-0.189 χ^2/NDF : 4289627.9/34

Out: 1184.161+/-0.189 χ^2/NDF : 4584741.8/36

All: 1180.356+/-0.134 χ^2/NDF : 8875182.3/71

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2340.851+/-500.631 χ^2/NDF : 35.0/19

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

Left In: 1442.877+/-494.899 χ^2/NDF : 8.0/18

Left: 1886.694+/-351.956 χ^2/NDF : 44.6/38

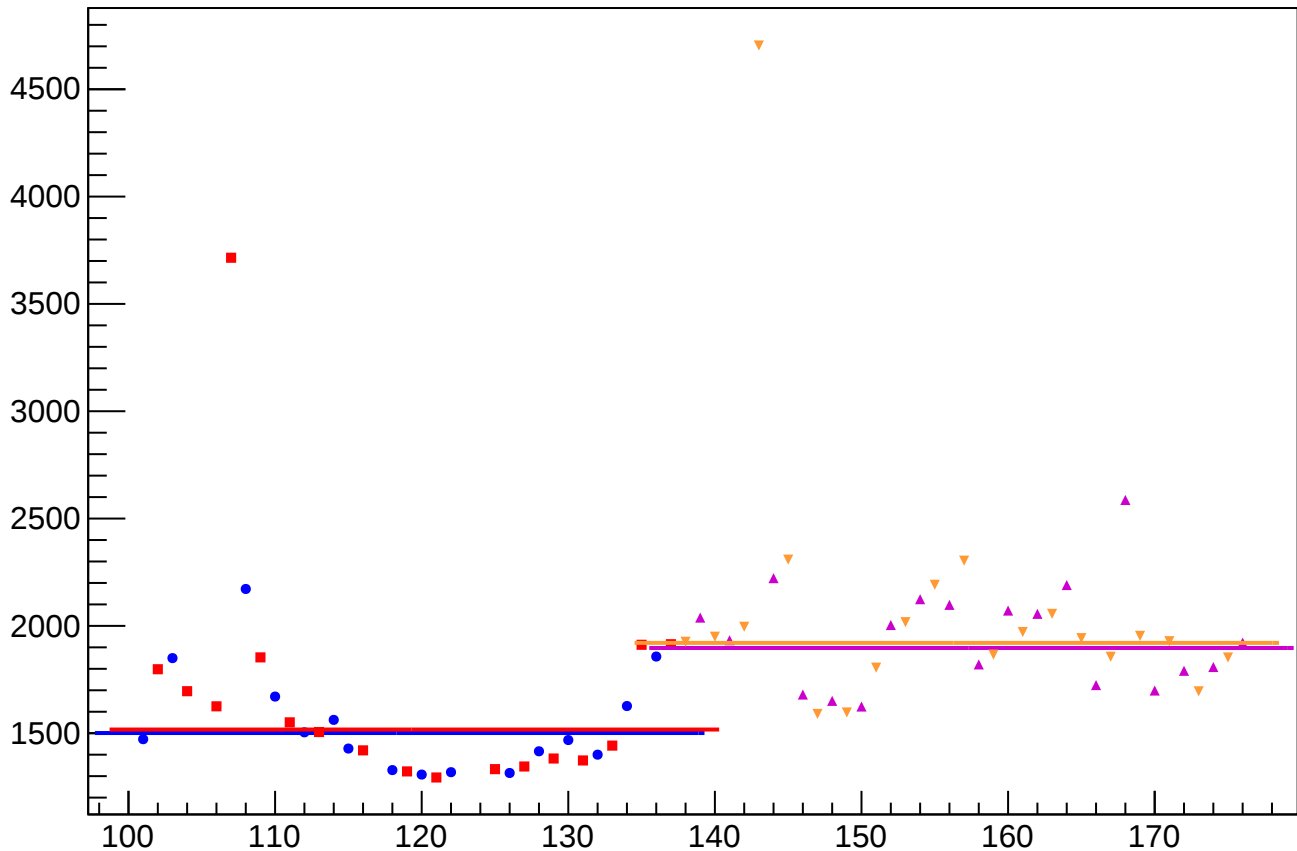
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1856.764+/-378.163 χ^2/NDF : 20.8/34

Out: 2184.774+/-380.820 χ^2/NDF : 57.5/36

All: 2019.621+/-268.336 χ^2/NDF : 78.7/71

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/\text{NDF}: 256227.7/15$

Left Out: 1920.804 ± 0.354 $\chi^2/\text{NDF}: 837792.6/19$

Right Out: 1517.120 ± 0.415 $\chi^2/\text{NDF}: 475046.3/16$

Left In: 1897.050 ± 0.350 $\chi^2/\text{NDF}: 399875.2/18$

Left: 1908.790 ± 0.249 $\chi^2/\text{NDF}: 1239945.2/38$

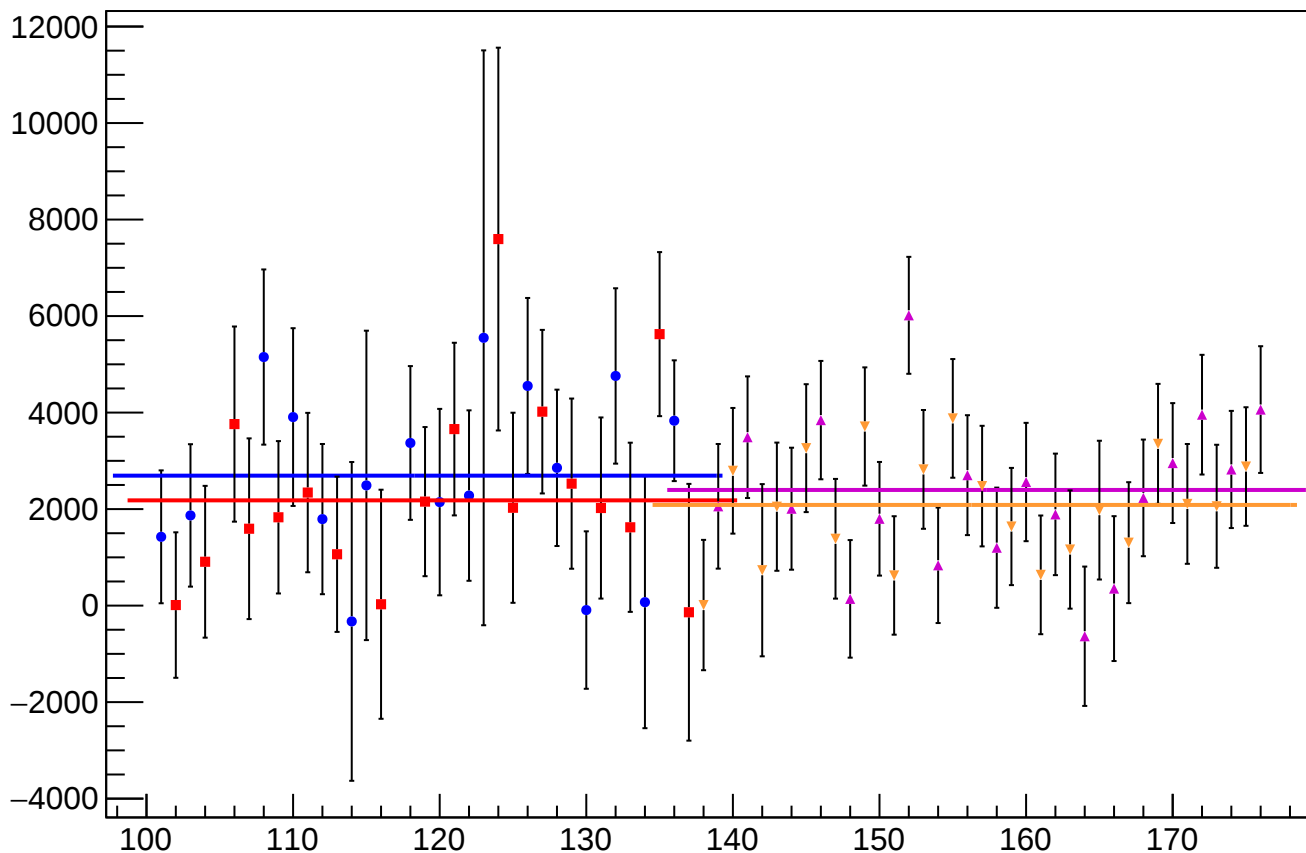
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1732.174 ± 0.267 $\chi^2/\text{NDF}: 1189546.3/34$

Out: 1750.705 ± 0.269 $\chi^2/\text{NDF}: 1860785.6/36$

All: 1741.375 ± 0.190 $\chi^2/\text{NDF}: 3052716.2/71$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2086.288 $\pm$ 285.953 χ^2 /NDF:14.0/19

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

Left In: 2396.673 $\pm$ 288.117 χ^2 /NDF:27.6/18

Left: 2240.311 $\pm$ 202.960 χ^2 /NDF: 42.2/38

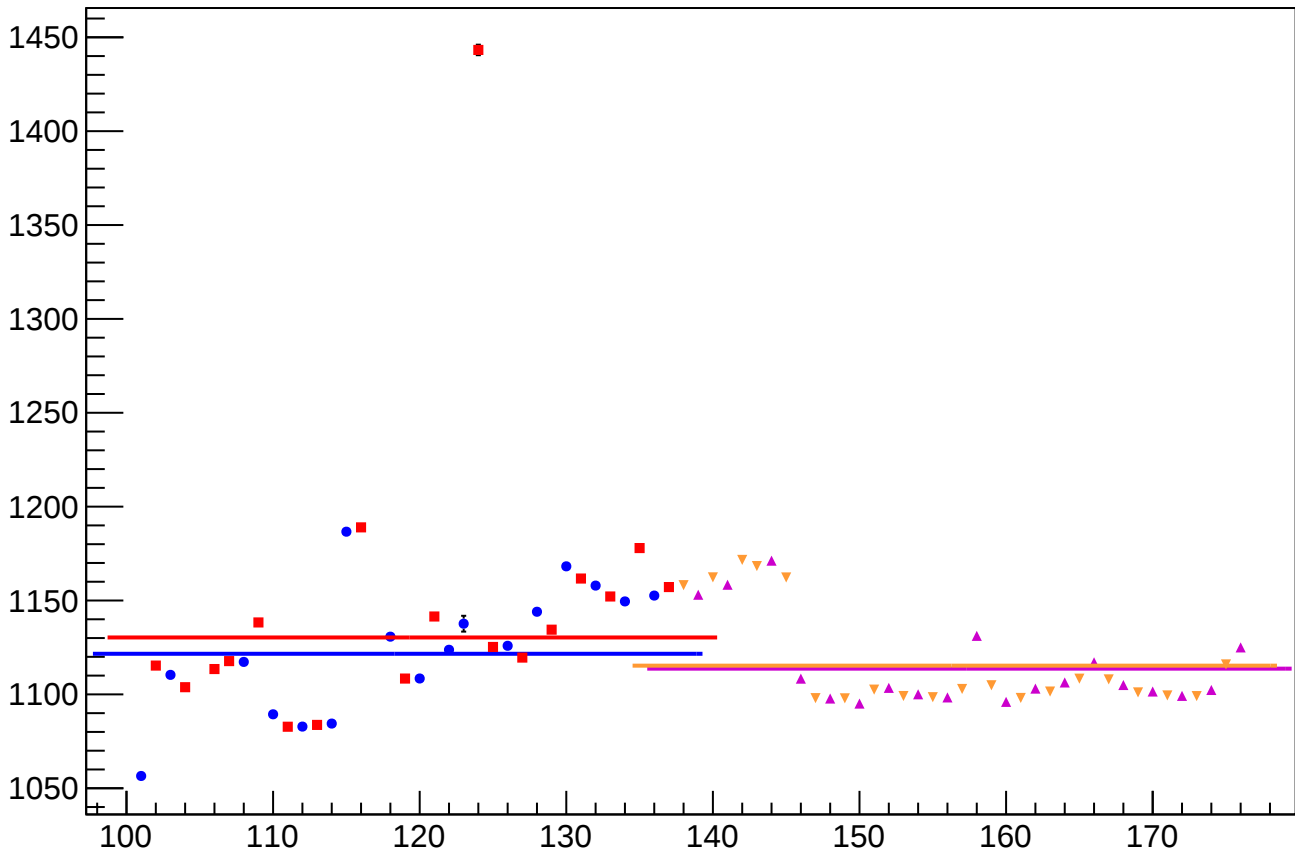
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2487.721 $\pm$ 239.803 χ^2 /NDF:40.1/35

Out: 2115.754 $\pm$ 237.329 χ^2 /NDF:27.6/37

All: 2299.809 $\pm$ 168.685 χ^2 /NDF: 69.0/73

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1115.298 $\pm$ 0.202 χ^2 /NDF:16064.5/19

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

Left In: 1113.706 $\pm$ 0.204 χ^2 /NDF:12007.6/18

Left: 1114.508 $\pm$ 0.144 χ^2 /NDF: 28102.8/38

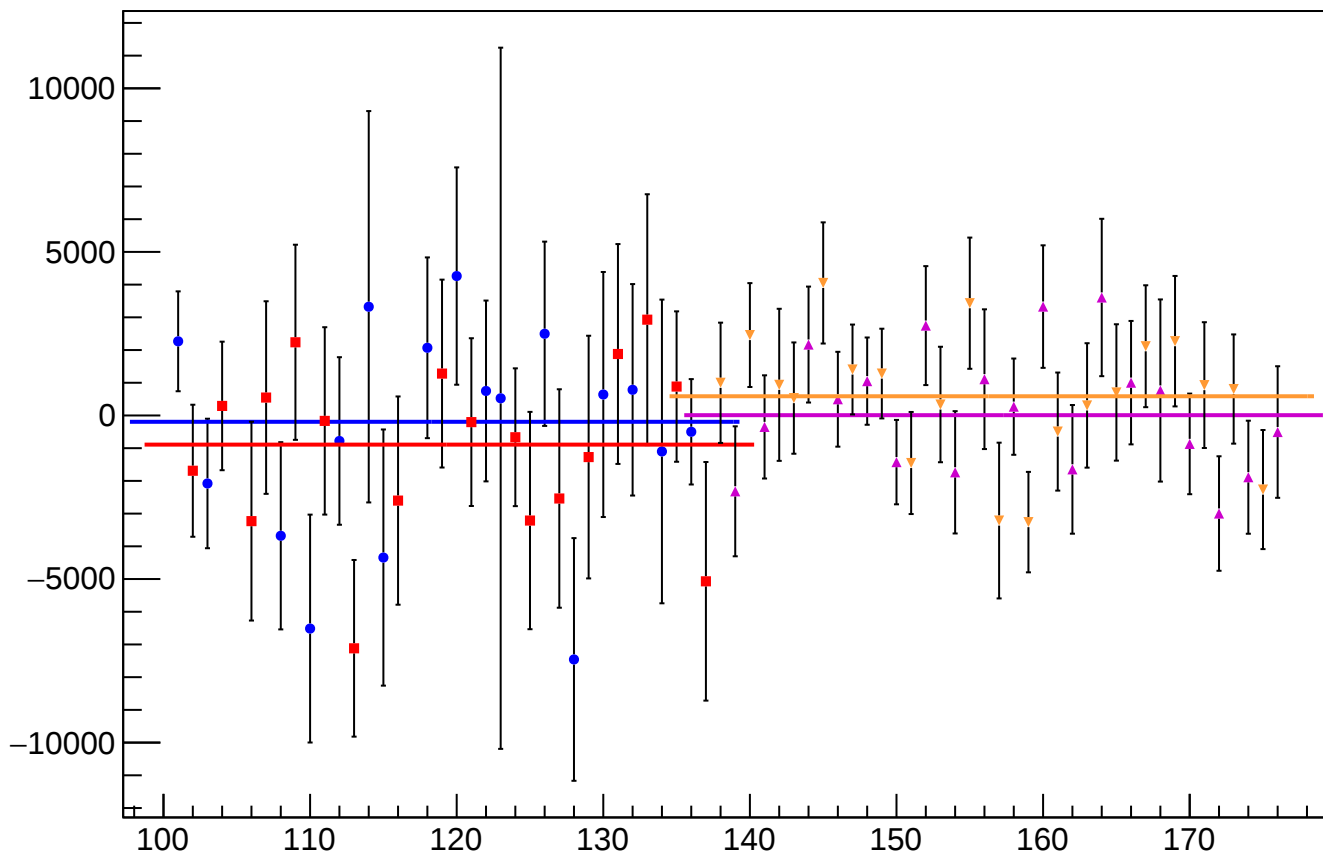
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1116.140 $\pm$ 0.170 χ^2 /NDF:24452.2/35

Out: 1119.971 $\pm$ 0.168 χ^2 /NDF:39057.1/37

All: 1118.076 $\pm$ 0.119 χ^2 /NDF: 63767.2/73

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 587.297 ± 393.999 χ^2/NDF : 22.4/19

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

Left In: 8.813 ± 397.147 χ^2/NDF : 19.3/18

Left: 300.356 ± 279.706 χ^2/NDF : 42.8/38

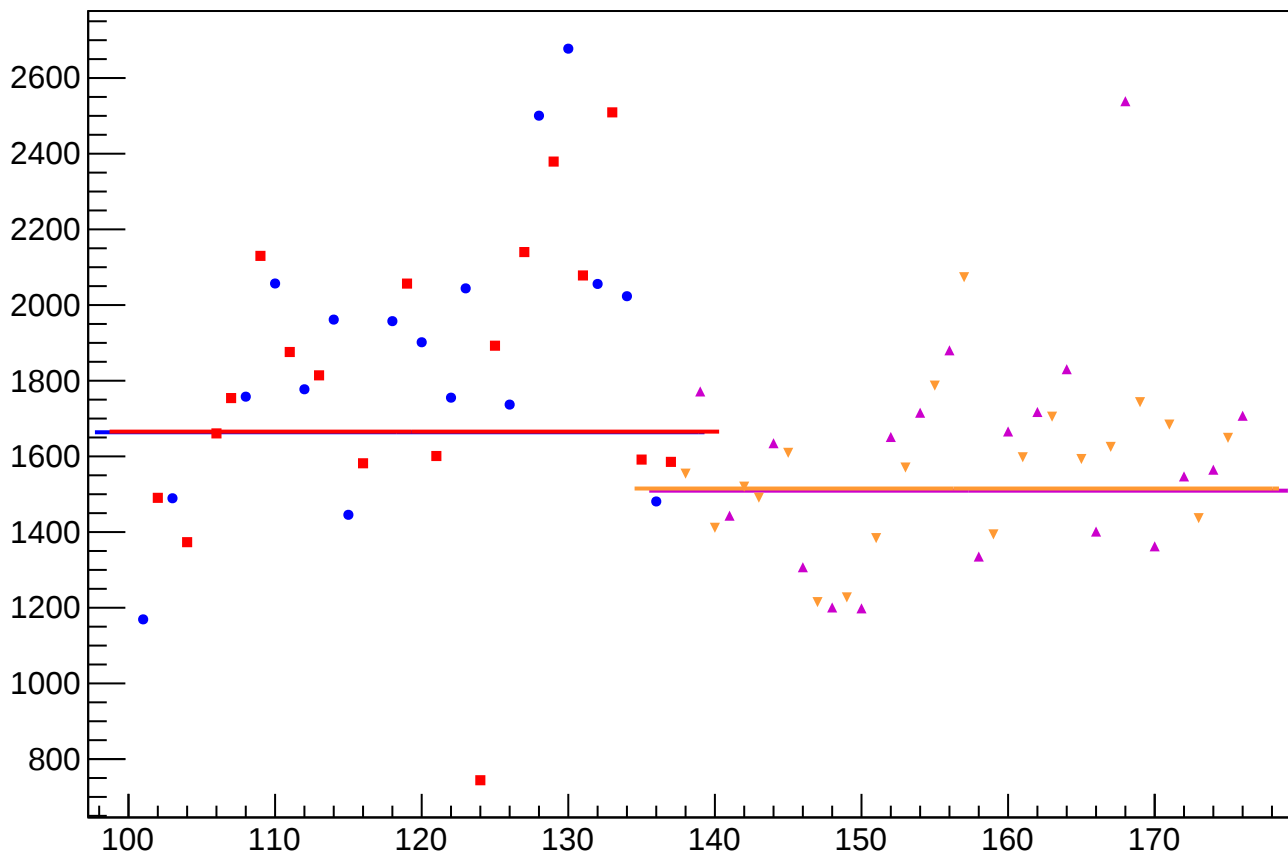
Right: -548.030 ± 463.023 χ^2/NDF : 31.0/34

In: -44.881 ± 340.339 χ^2/NDF : 36.7/35

Out: 189.536 ± 336.851 χ^2/NDF : 39.3/37

All: 73.535 ± 239.413 χ^2/NDF : 76.3/73

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1515.087+/-0.279 χ^2/NDF : 464794.3/19

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

Left In: 1509.408+/-0.281 χ^2/NDF : 828066.3/18

Left: 1512.270+/-0.198 χ^2/NDF : 1293066.8/38

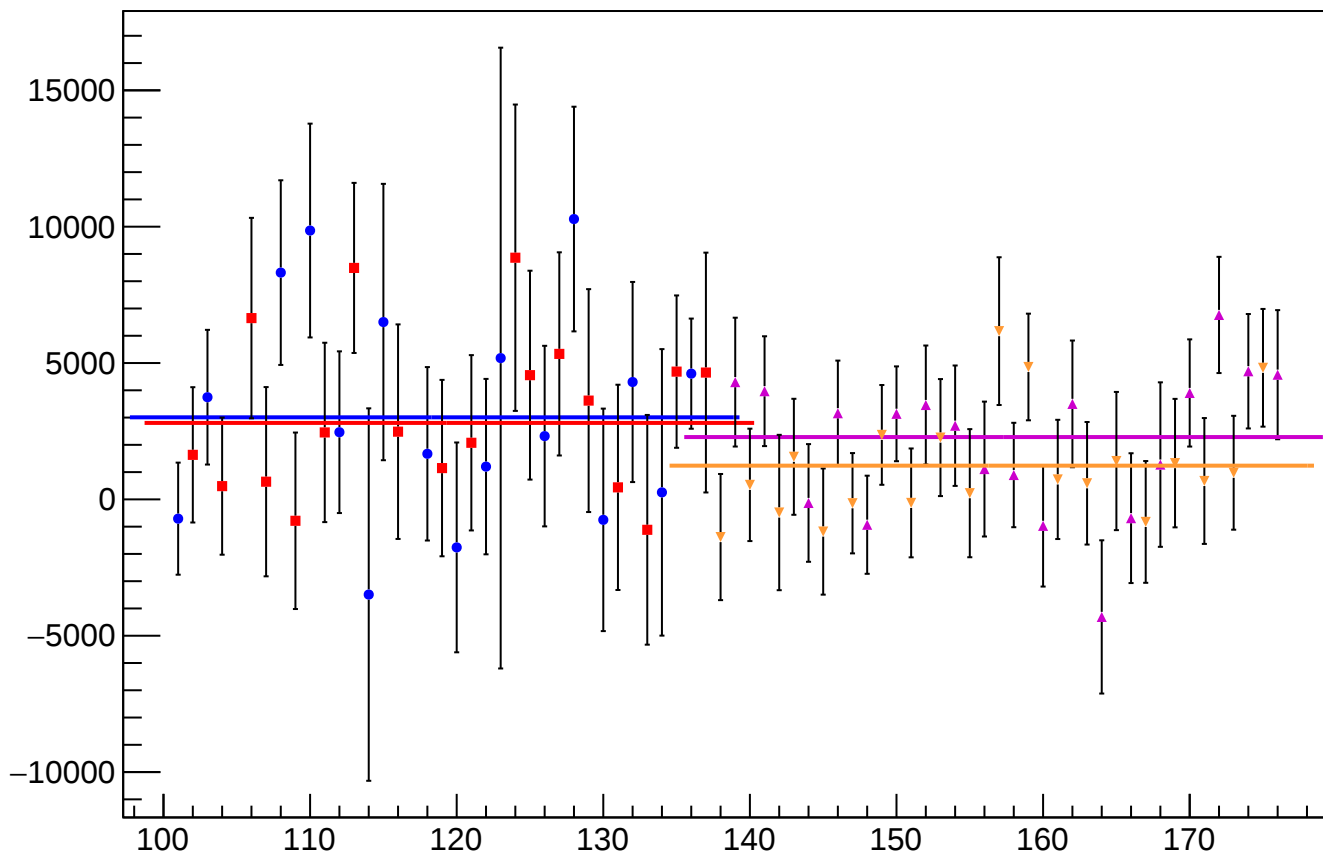
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1550.412+/-0.241 χ^2/NDF : 1530808.7/35

Out: 1555.548+/-0.238 χ^2/NDF : 1345975.1/37

All: 1553.006+/-0.169 χ^2/NDF : 2877013.9/73

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2 /NDF: 17.4/16

Left Out: 1236.728 $\pm$ 489.649 χ^2 /NDF:15.3/19

Right Out: 2803.971 $\pm$ 799.589 χ^2 /NDF: 11.2/17

Left In: 2285.354 $\pm$ 494.757 χ^2 /NDF:24.3/18

Left: 1755.600 $\pm$ 348.026 χ^2 /NDF: 41.9/38

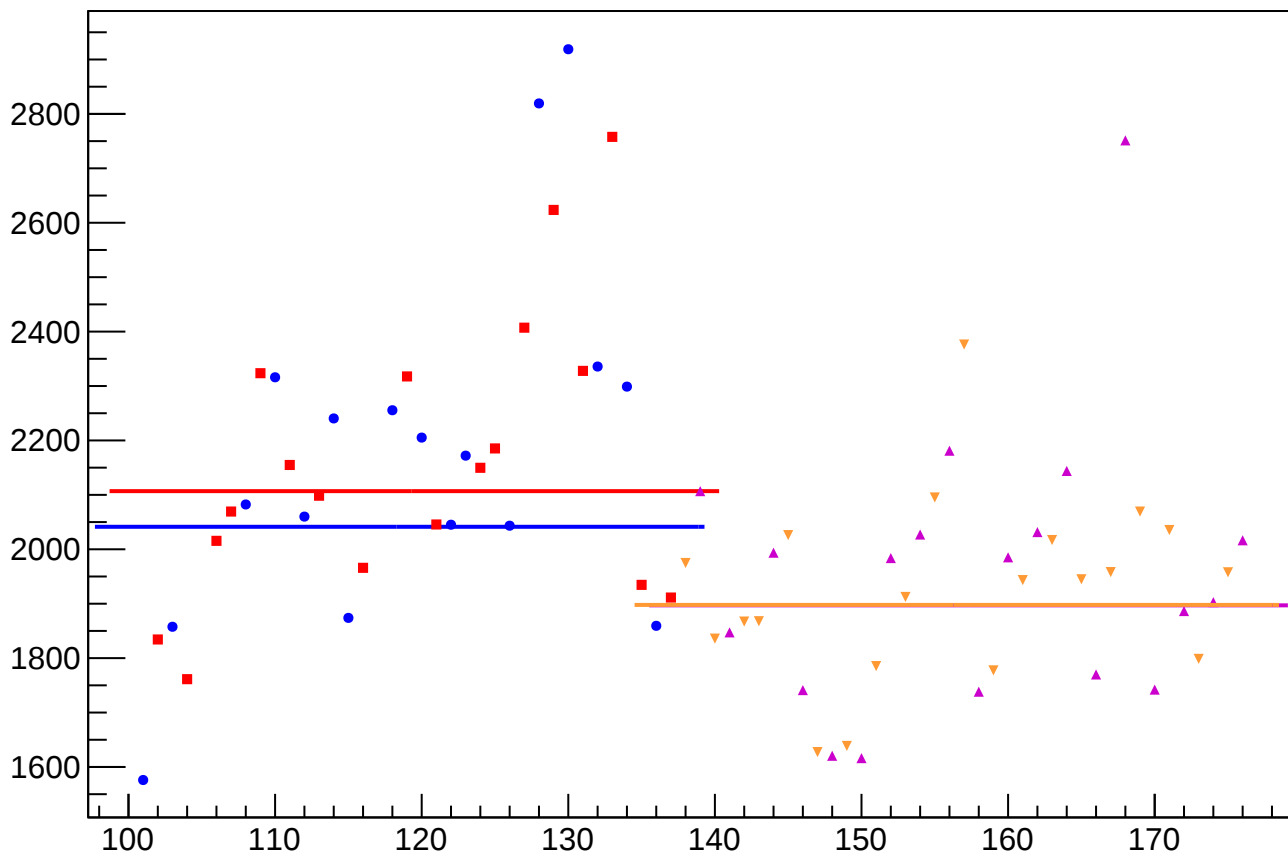
Right: 2906.573 $\pm$ 565.416 χ^2 /NDF: 28.6/34

In: 2485.738 $\pm$ 420.736 χ^2 /NDF:42.3/35

Out: 1664.161 $\pm$ 417.574 χ^2 /NDF:29.3/37

All: 2071.850 $\pm$ 296.381 χ^2 /NDF: 73.5/73

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1897.779 $\pm$ 0.346 χ^2 /NDF: 217100.4/19

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

Left In: 1896.994 $\pm$ 0.350 χ^2 /NDF: 392728.0/18

Left: 1897.391 $\pm$ 0.246 χ^2 /NDF: 609831.0/38

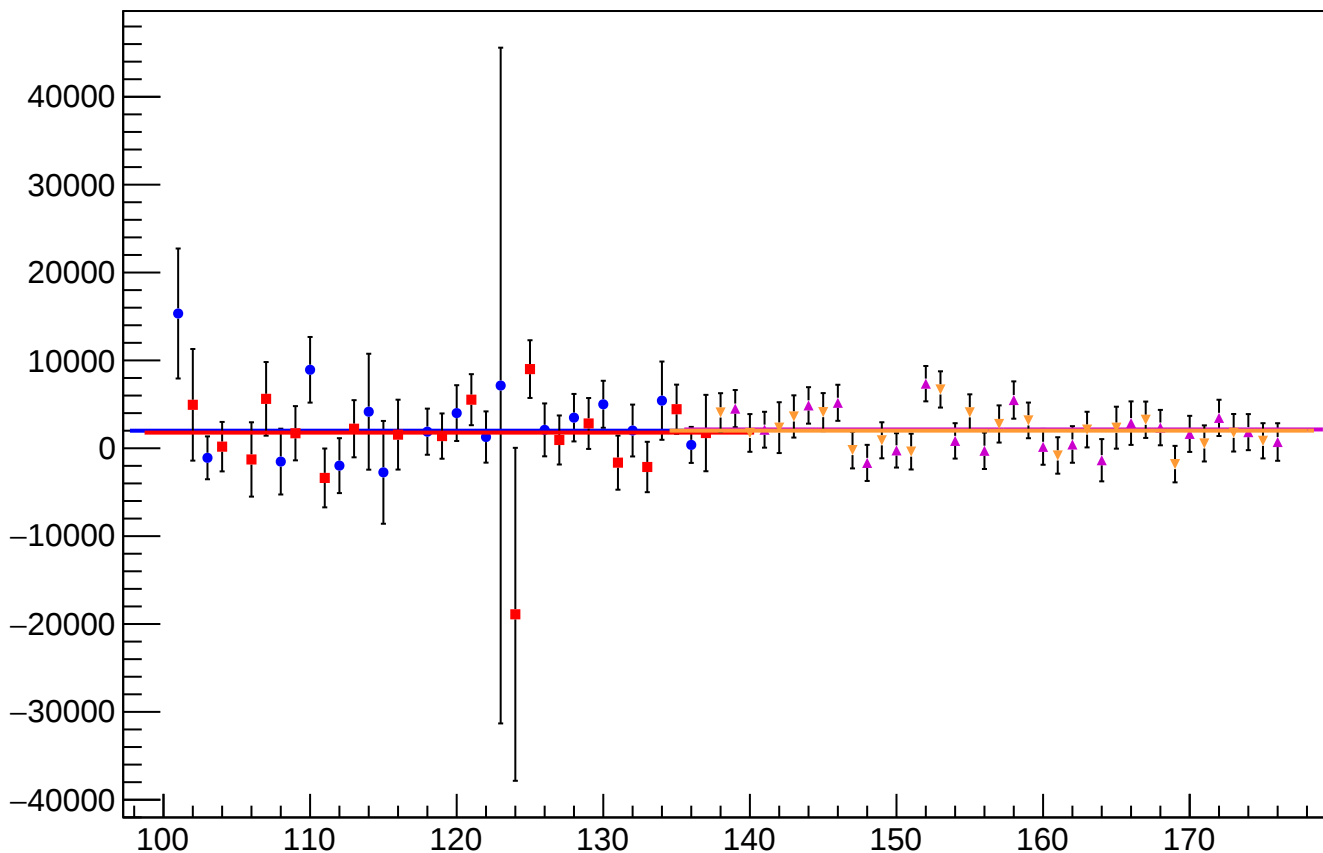
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1936.957 $\pm$ 0.298 χ^2 /NDF: 778298.3/35

Out: 1954.797 $\pm$ 0.295 χ^2 /NDF: 513260.4/37

All: 1945.944 $\pm$ 0.210 χ^2 /NDF: 1293370.3/73

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 2008.162 $\pm$ 476.743 χ^2 /NDF:18.2/19

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 2141.467 $\pm$ 478.805 χ^2 /NDF:25.8/18

Left: 2074.526 $\pm$ 337.835 χ^2 /NDF: 44.1/38

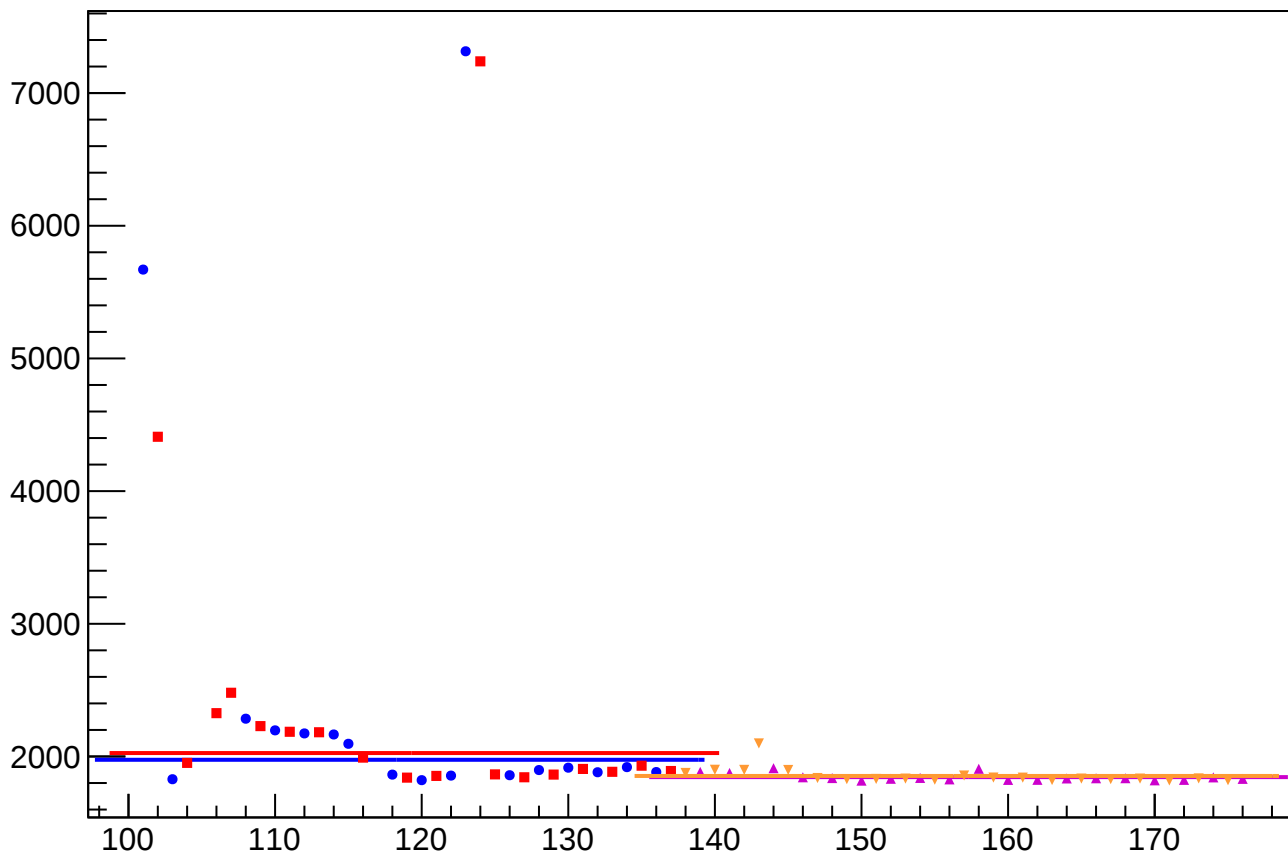
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2102.838 $\pm$ 408.287 χ^2 /NDF:40.7/35

Out: 1946.814 $\pm$ 407.038 χ^2 /NDF:34.5/37

All: 2024.587 $\pm$ 288.260 χ^2 /NDF: 75.3/73

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1853.227+/-0.337 χ^2/NDF : 26959.7/19

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

Left In: 1844.512+/-0.339 χ^2/NDF : 6676.0/18

Left: 1848.888+/-0.239 χ^2/NDF : 33968.4/38

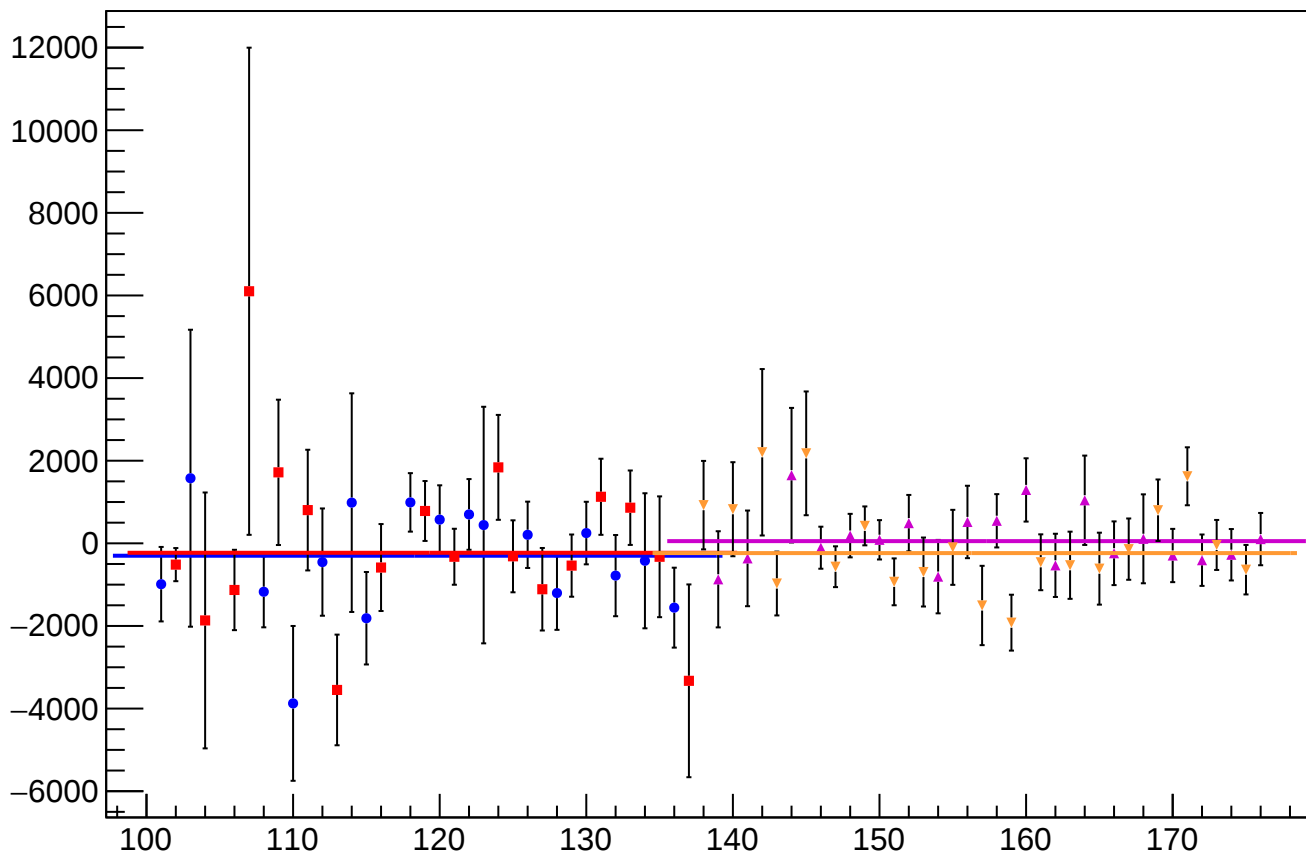
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1880.148+/-0.289 χ^2/NDF : 647107.8/35

Out: 1900.021+/-0.288 χ^2/NDF : 633434.1/37

All: 1890.115+/-0.204 χ^2/NDF : 1282918.5/73

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -236.257+/-162.584 χ^2/NDF : 29.2/19

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

Left In: 53.341+/-162.786 χ^2/NDF : 9.4/18

Left: -91.638+/-115.036 χ^2/NDF : 40.1/38

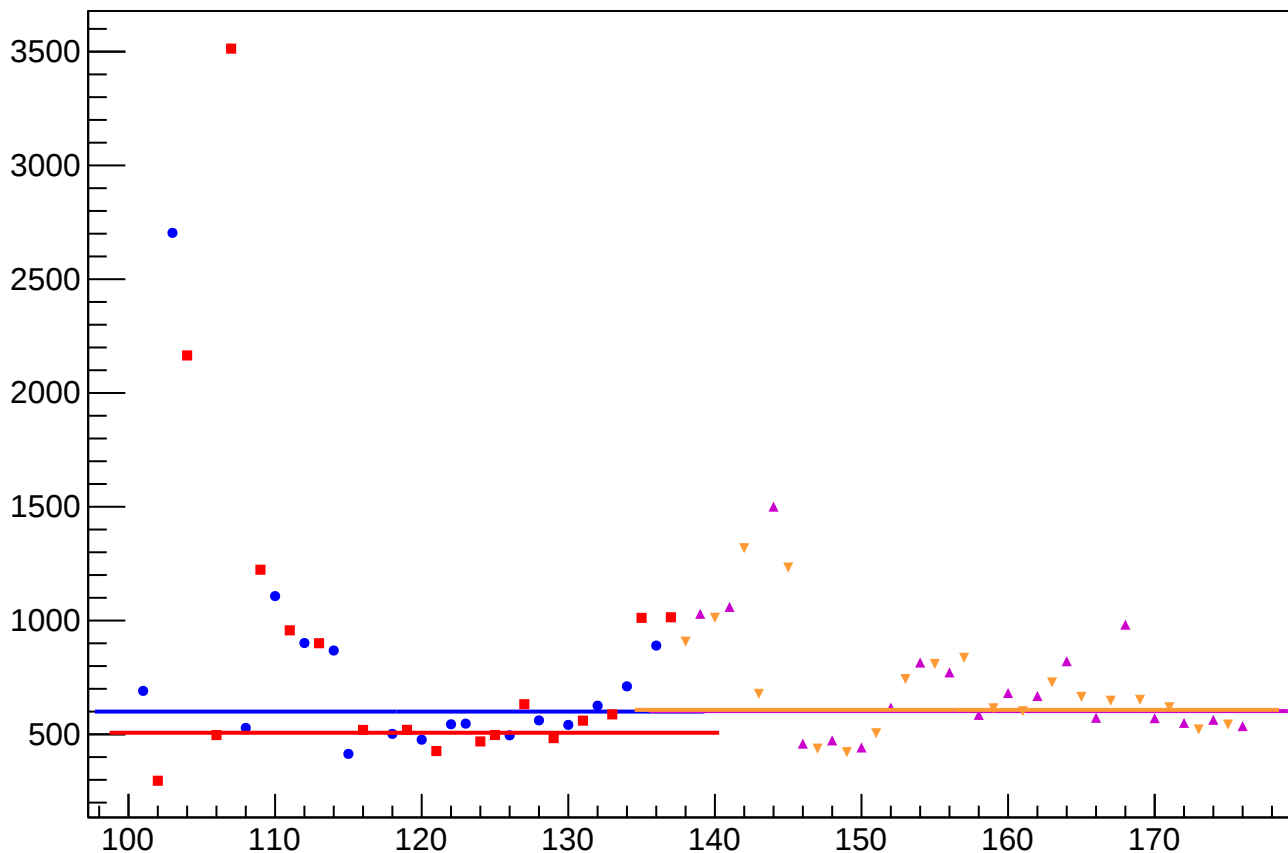
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -53.888+/-135.858 χ^2/NDF : 28.2/35

Out: -233.552+/-129.817 χ^2/NDF : 50.9/37

All: -147.803+/-93.857 χ^2/NDF : 80.0/73

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.382+/-0.115 χ^2/NDF : 2033257.5/19

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

Left In: 602.238+/-0.115 χ^2/NDF : 2304882.7/18

Left: 604.813+/-0.081 χ^2/NDF : 4339140.2/38

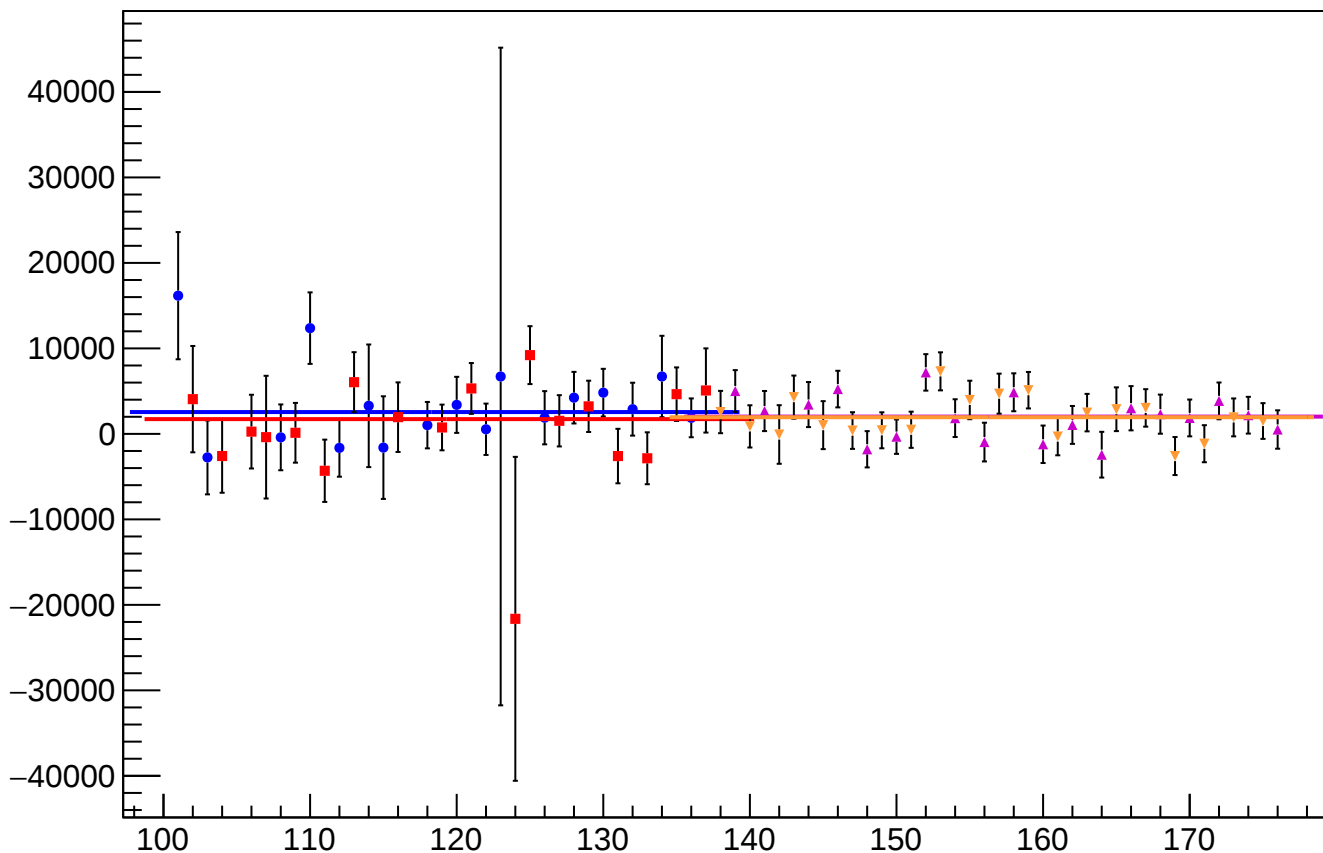
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 601.545+/-0.096 χ^2/NDF : 3686051.7/35

Out: 570.952+/-0.092 χ^2/NDF : 5071153.2/37

All: 585.553+/-0.066 χ^2/NDF : 8810215.7/73

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1948.268 $\pm$ 513.734 χ^2 /NDF:21.1/19

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

Left In: 2021.212 $\pm$ 517.066 χ^2 /NDF:24.5/18

Left: 1984.504 $\pm$ 364.437 χ^2 /NDF: 45.6/38

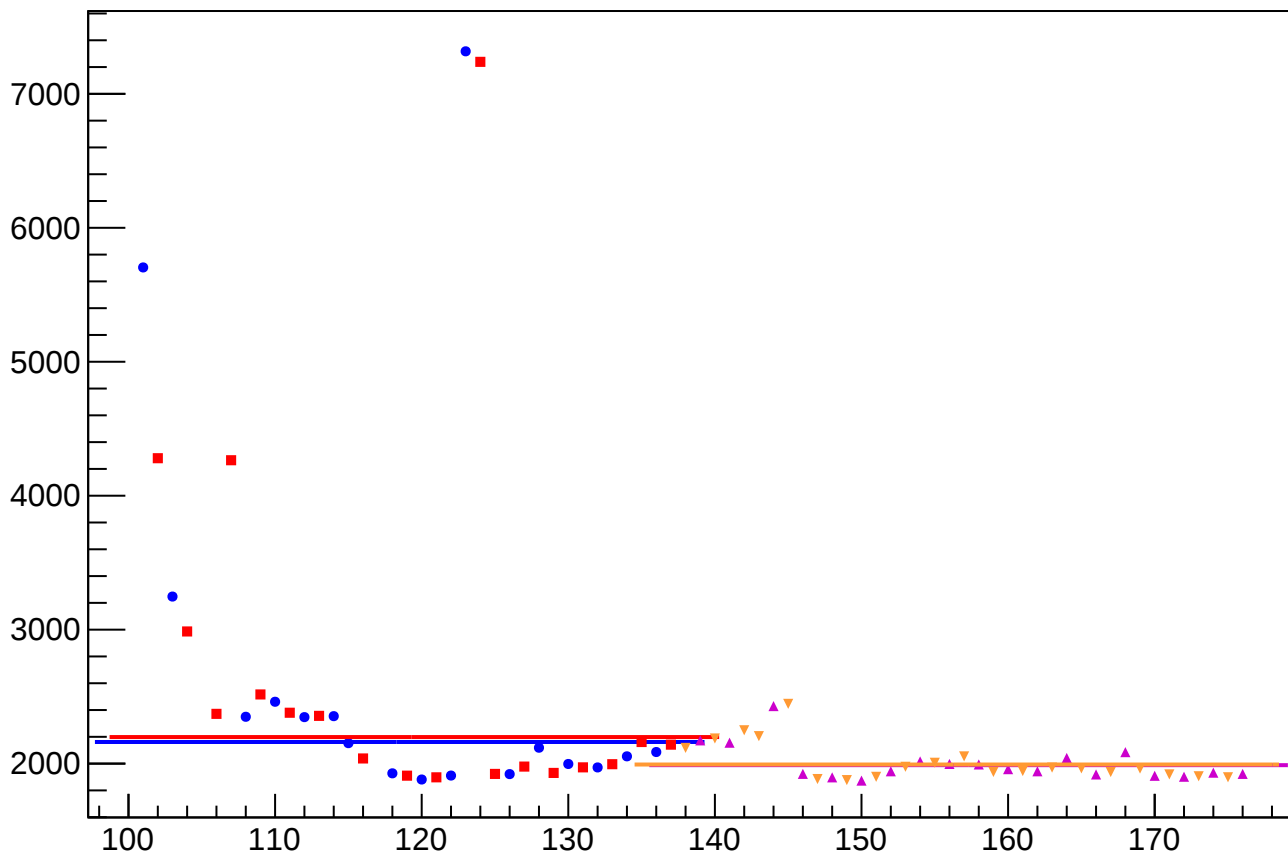
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2162.830 $\pm$ 442.988 χ^2 /NDF:40.5/35

Out: 1889.609 $\pm$ 440.378 χ^2 /NDF:40.7/37

All: 2025.412 $\pm$ 312.313 χ^2 /NDF: 81.3/73

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1993.197+/-0.363 χ^2/NDF :125364.1/19

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

Left In: 1988.432+/-0.366 χ^2/NDF :107036.5/18

Left: 1990.830+/-0.258 χ^2/NDF : 232486.1/38

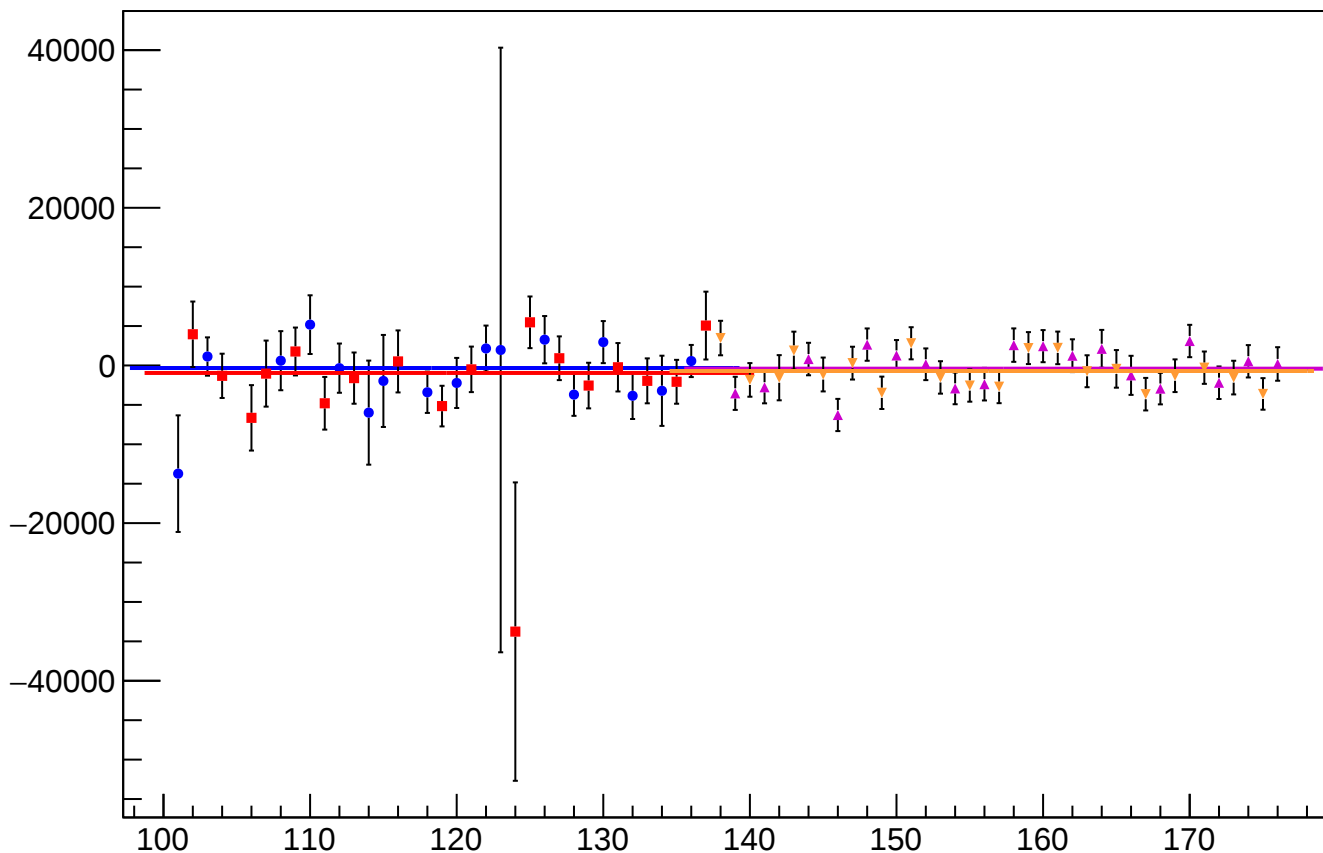
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2034.448+/-0.313 χ^2/NDF :877835.9/35

Out: 2047.558+/-0.311 χ^2/NDF :943683.2/37

All: 2041.042+/-0.221 χ^2/NDF : 1822400.1/73

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -703.004+/-475.454 χ^2/NDF : 20.6/19

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

Left In: -407.886+/-477.706 χ^2/NDF : 29.0/18

Left: -556.142+/-336.990 χ^2/NDF : 49.8/38

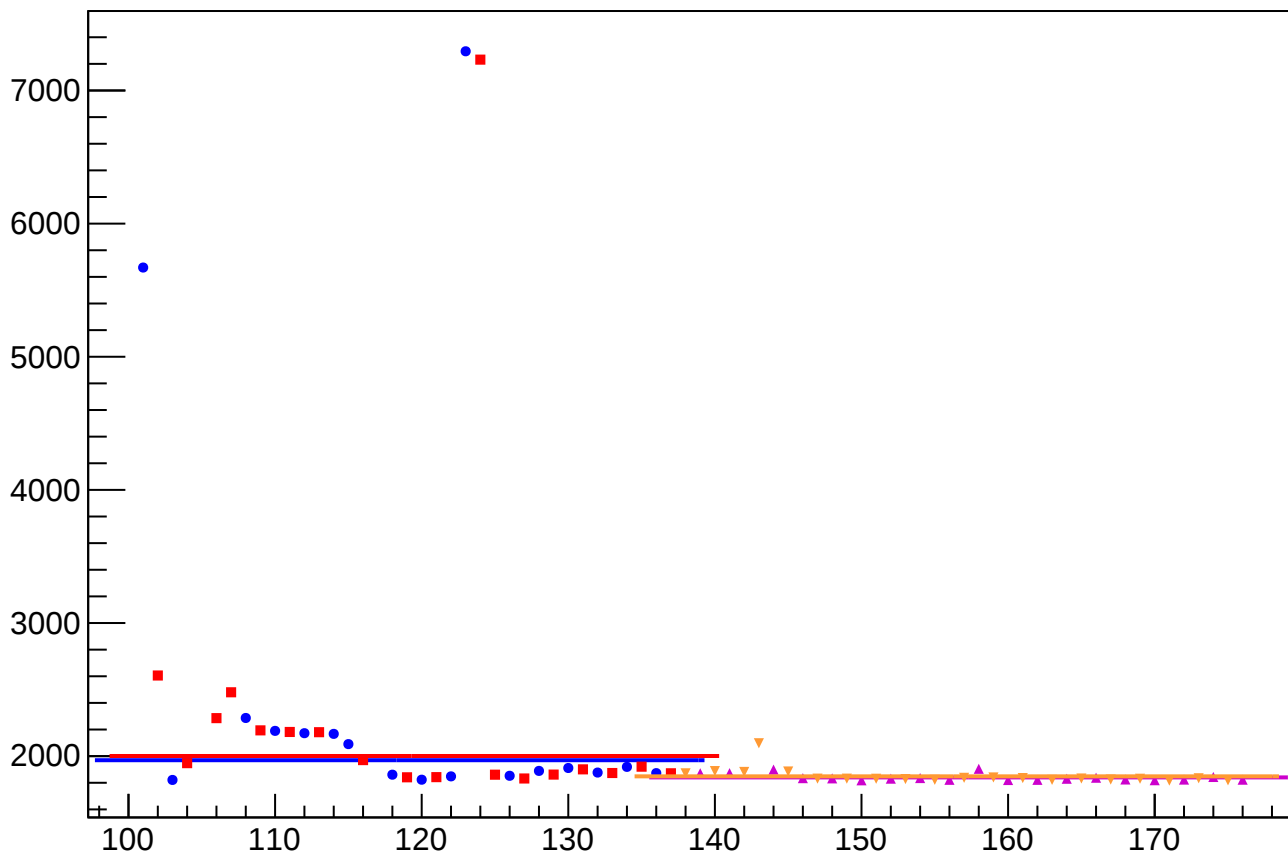
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -384.912+/-407.306 χ^2/NDF : 44.8/35

Out: -771.505+/-404.588 χ^2/NDF : 38.9/37

All: -579.503+/-287.043 χ^2/NDF : 84.1/73

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1848.296+/-0.336 χ^2/NDF : 26167.0/19

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

Left In: 1840.328+/-0.338 χ^2/NDF : 5881.9/18

Left: 1844.331+/-0.238 χ^2/NDF : 32328.5/38

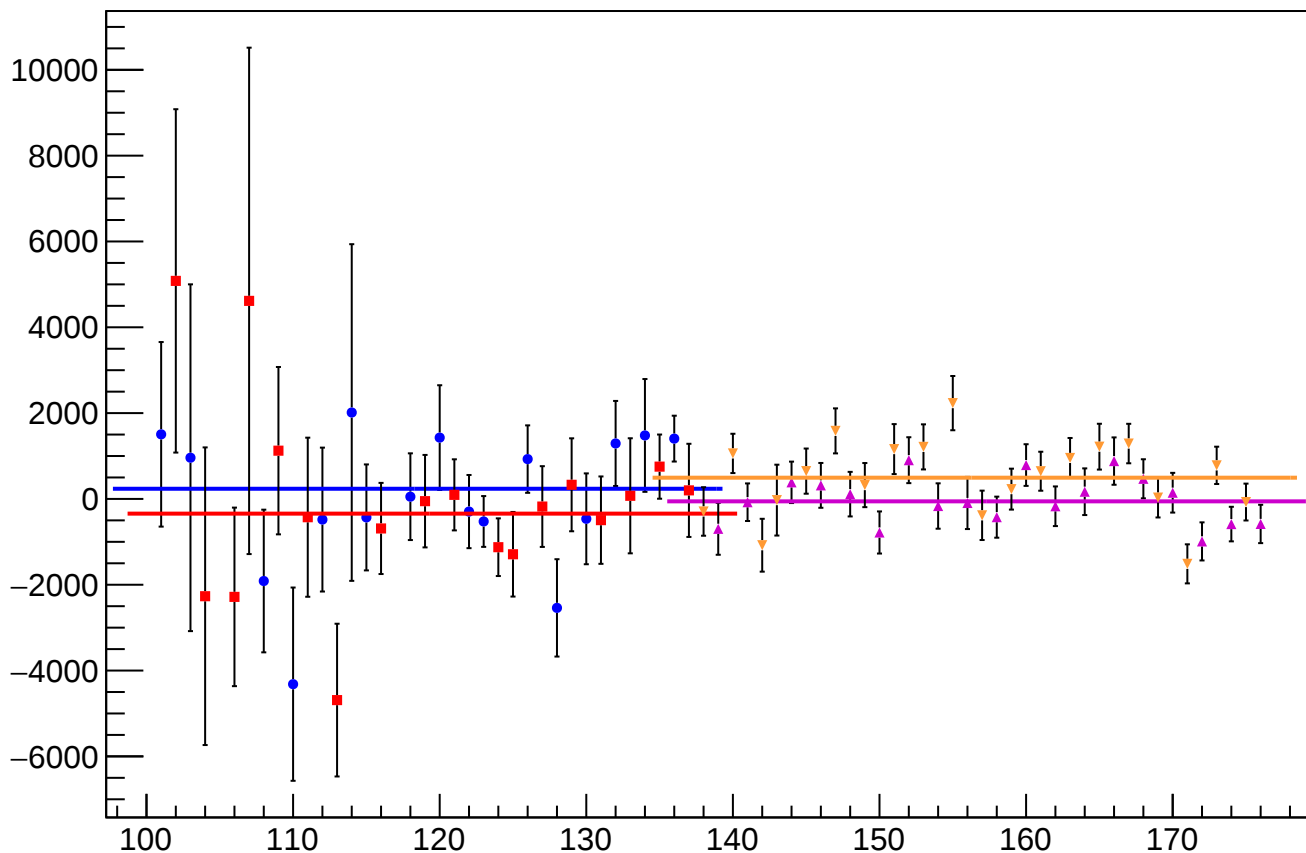
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1875.593+/-0.288 χ^2/NDF : 648613.9/35

Out: 1890.474+/-0.286 χ^2/NDF : 373840.4/37

All: 1883.083+/-0.203 χ^2/NDF : 1023797.8/73

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 494.837 $\pm$ 113.659 χ^2 /NDF:56.8/19

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

Left In: -56.555 $\pm$ 112.338 χ^2 /NDF:23.8/18

Left: 215.916 $\pm$ 79.898 χ^2 /NDF: 92.6/38

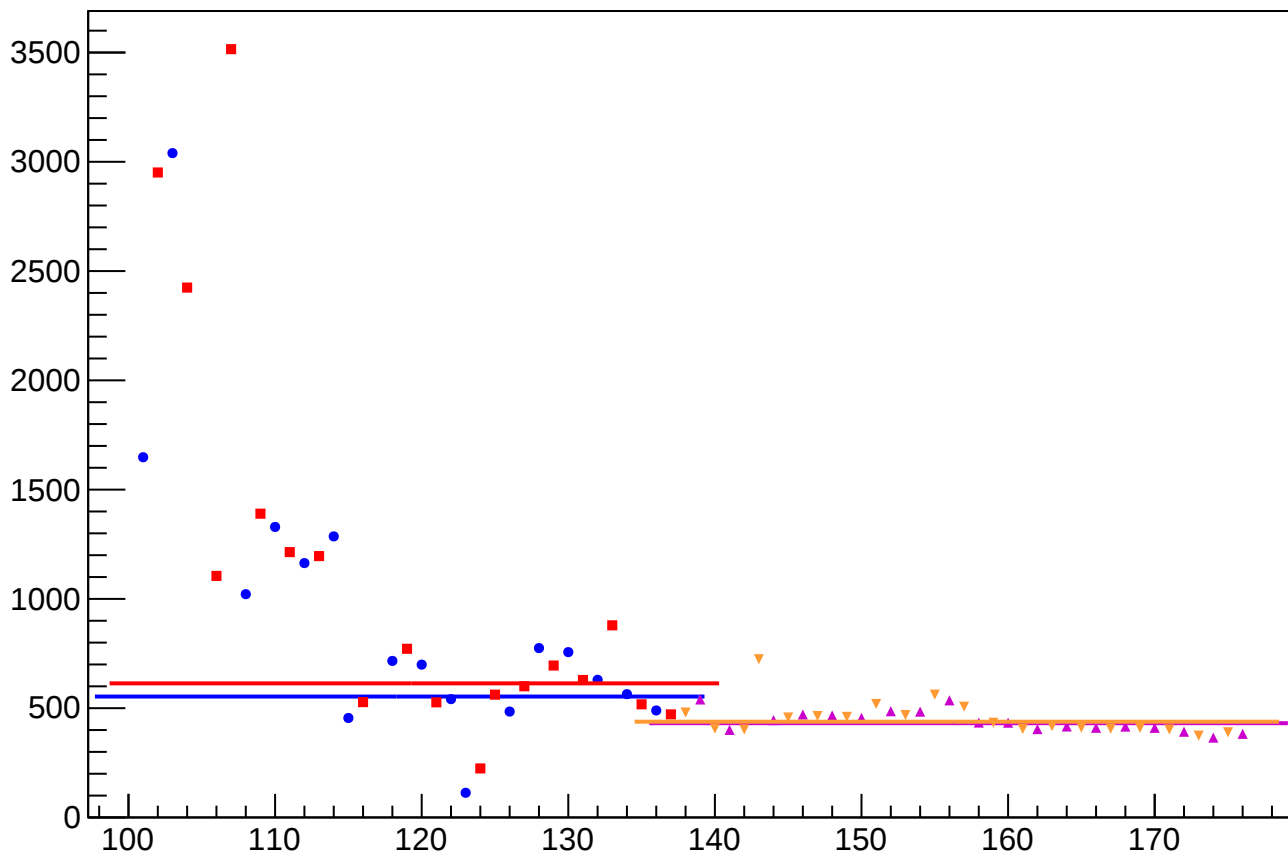
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: -6.801 $\pm$ 102.371 χ^2 /NDF:48.9/35

Out: 367.612 $\pm$ 104.672 χ^2 /NDF:81.0/37

All: 176.245 $\pm$ 73.187 χ^2 /NDF: 136.4/73

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 438.121 $\pm$ 0.080 χ^2 /NDF: 546285.0/19

Right Out: 613.577 $\pm$ 0.190 χ^2 /NDF: 3476374.3/17

Left In: 431.250 $\pm$ 0.079 χ^2 /NDF: 312650.3/18

Left: 434.645 $\pm$ 0.056 χ^2 /NDF: 862632.9/38

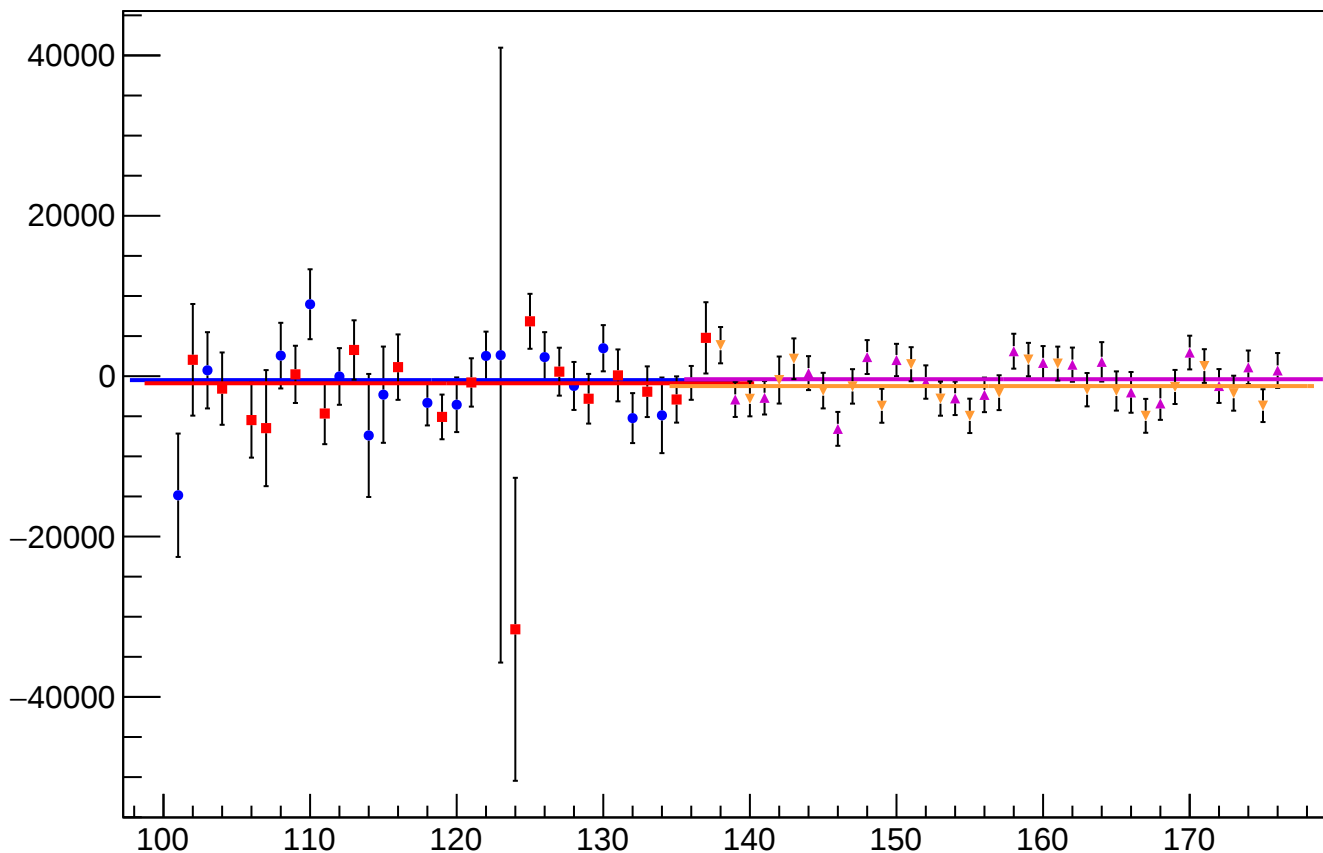
Right: 581.103 $\pm$ 0.129 χ^2 /NDF: 6943410.9/34

In: 451.942 $\pm$ 0.072 χ^2 /NDF: 4125576.3/35

Out: 464.770 $\pm$ 0.074 χ^2 /NDF: 4746550.8/37

All: 458.214 $\pm$ 0.052 χ^2 /NDF: 8887481.4/73

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1234.775 ± 490.010 χ^2/NDF : 24.7/19

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

Left In: -378.835 ± 491.403 χ^2/NDF : 27.6/18

Left: -808.020 ± 346.981 χ^2/NDF : 53.8/38

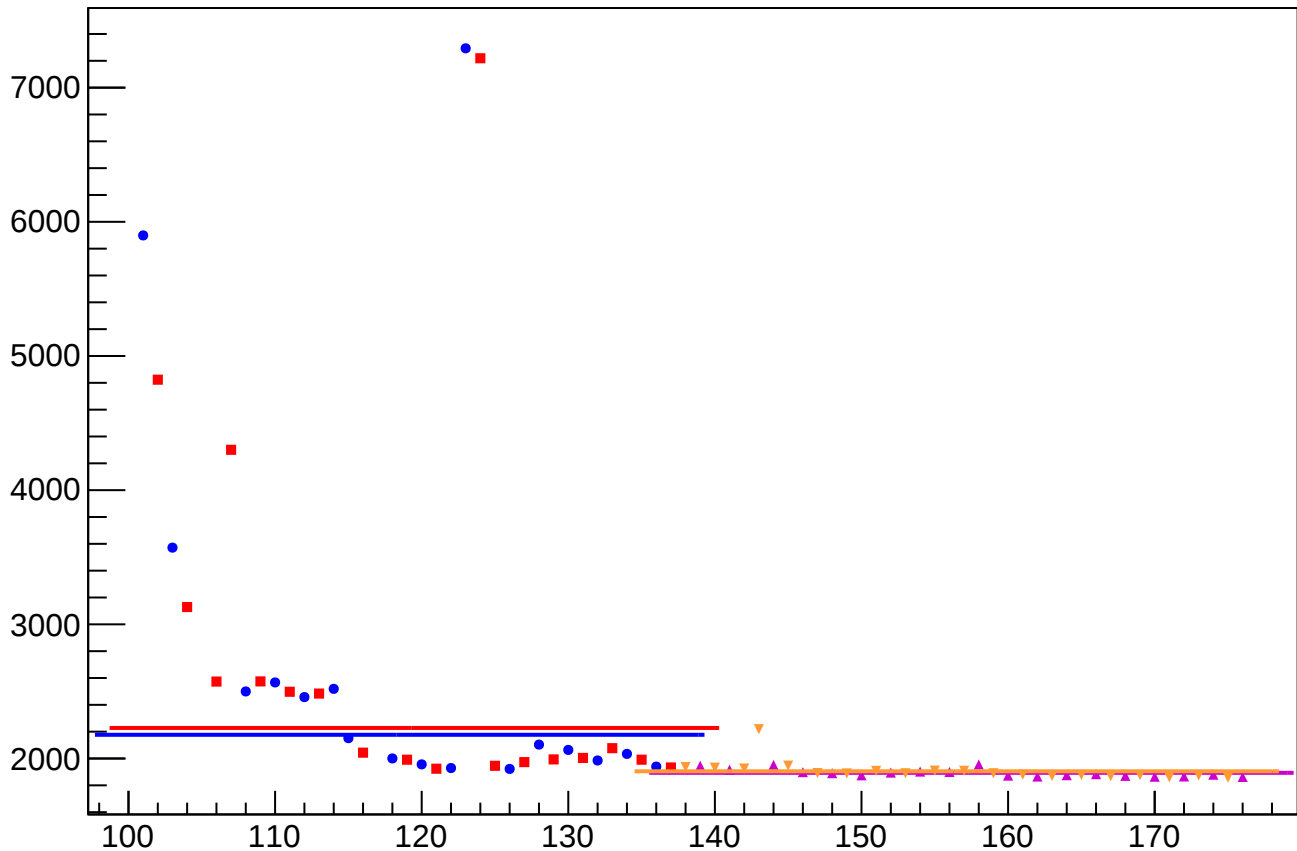
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -406.288 ± 427.628 χ^2/NDF : 46.2/35

Out: -1150.329 ± 426.846 χ^2/NDF : 42.1/37

All: -778.989 ± 302.102 χ^2/NDF : 89.8/73

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2/NDF : 802677.9/16

Left Out: 1904.733 $\pm$ 0.346 χ^2/NDF :36895.1/19

Right Out: 2227.688 $\pm$ 0.615 χ^2/NDF : 825665.5/17

Left In: 1893.231 $\pm$ 0.347 χ^2/NDF :6911.6/18

Left: 1898.999 $\pm$ 0.245 χ^2/NDF : 44356.1/38

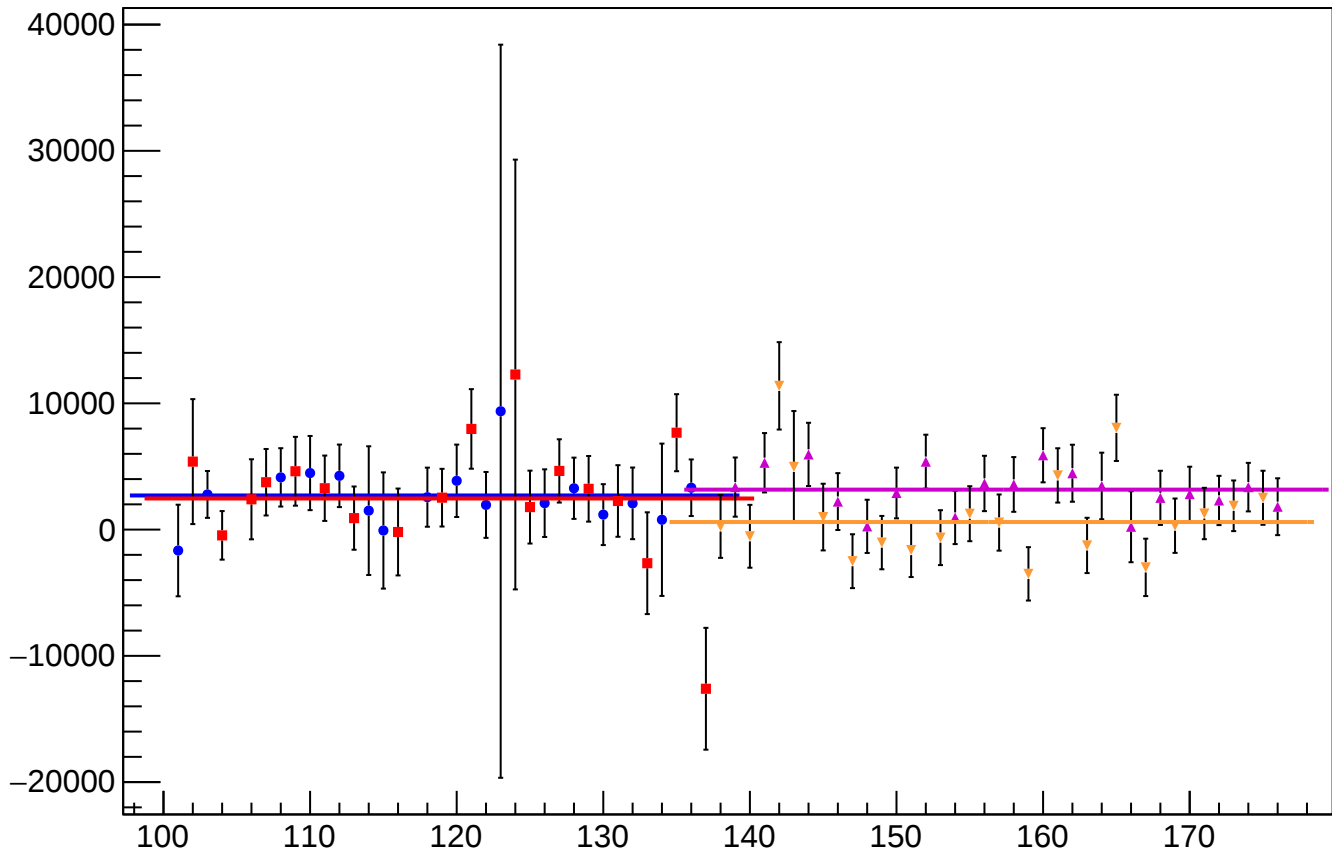
Right: 2202.183 $\pm$ 0.434 χ^2/NDF : 1631783.3/34

In: 1962.046 $\pm$ 0.302 χ^2/NDF :971178.5/35

Out: 1982.628 $\pm$ 0.302 χ^2/NDF :1072100.7/37

All: 1972.356 $\pm$ 0.214 χ^2/NDF : 2045600.0/73

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 599.828 $\pm$ 513.097 χ^2 /NDF:34.5/19

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

Left In: 3165.261 $\pm$ 506.243 χ^2 /NDF:10.2/18

Left: 1899.795 $\pm$ 360.367 χ^2 /NDF: 57.3/38

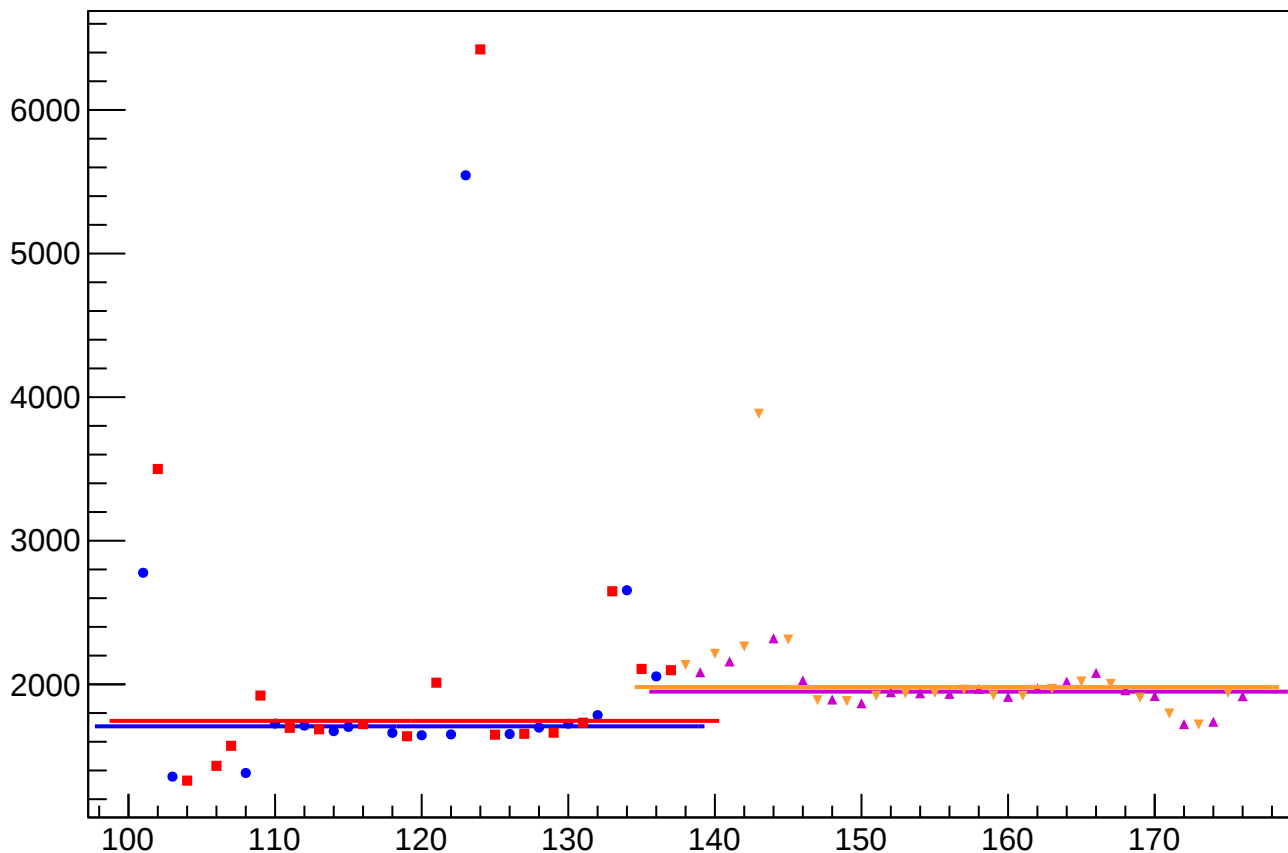
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2998.685 $\pm$ 404.758 χ^2 /NDF:14.5/35

Out: 1272.213 $\pm$ 410.293 χ^2 /NDF:62.4/37

All: 2147.174 $\pm$ 288.144 χ^2 /NDF: 85.9/73

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 1981.065 ± 0.363 $\chi^2/\text{NDF}: 508782.9/19$

Right Out: 1745.551 ± 0.483 $\chi^2/\text{NDF}: 699240.7/17$

Left In: 1948.938 ± 0.358 $\chi^2/\text{NDF}: 131915.6/18$

Left: 1964.785 ± 0.255 $\chi^2/\text{NDF}: 644671.9/38$

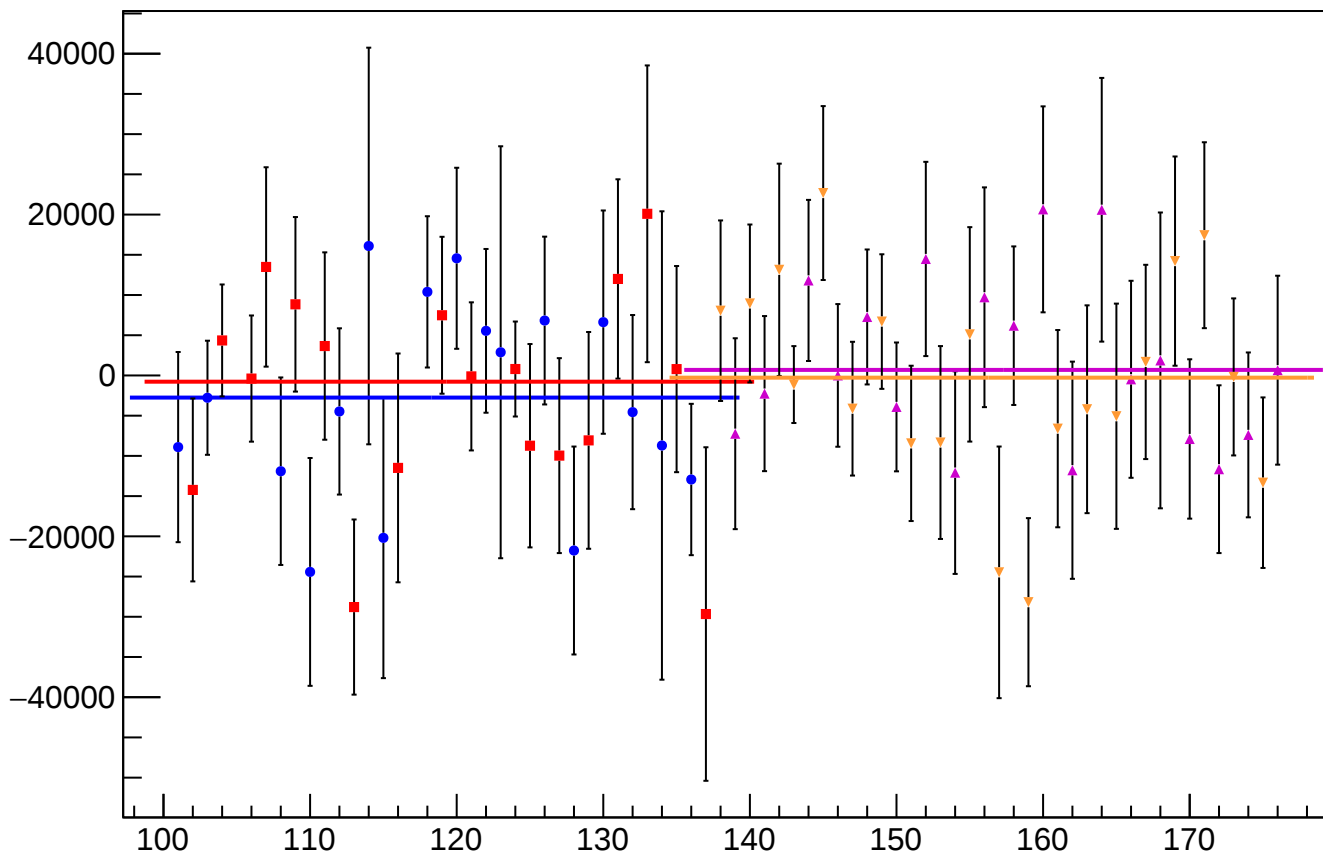
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1861.799 ± 0.286 $\chi^2/\text{NDF}: 718343.1/35$

Out: 1896.115 ± 0.290 $\chi^2/\text{NDF}: 1360013.7/37$

All: 1878.725 ± 0.204 $\chi^2/\text{NDF}: 2085447.8/73$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -275.090+/-2241.103 χ^2/NDF : 24.4/19

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

Left In: 689.742+/-2498.005 χ^2/NDF : 13.4/18

Left: 155.176+/-1668.155 χ^2/NDF : 37.8/38

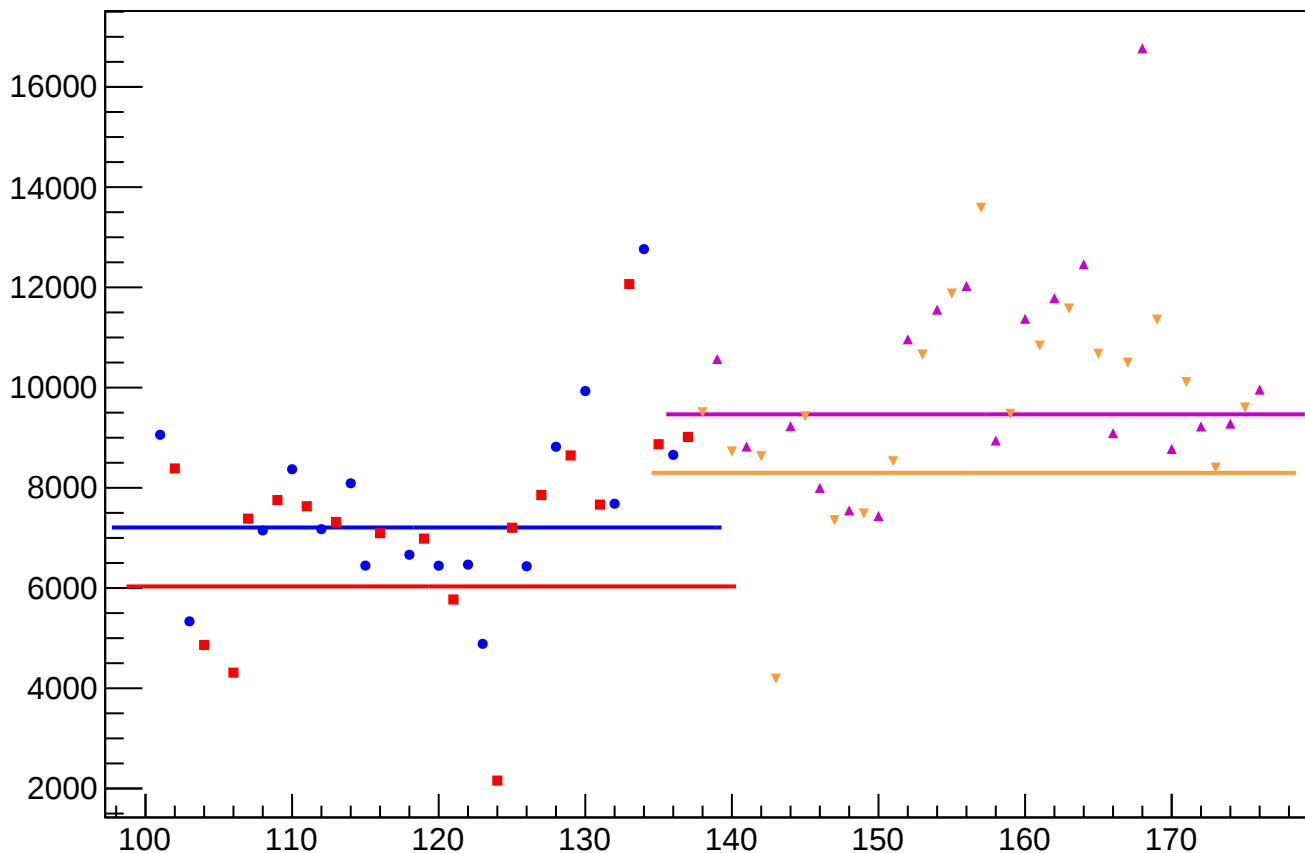
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -809.540+/-1876.368 χ^2/NDF : 28.8/35

Out: -503.726+/-1650.787 χ^2/NDF : 42.2/37

All: -637.154+/-1239.405 χ^2/NDF : 70.9/73

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346 $\pm$ 2.010 χ^2/NDF : 493749.9/16

Left Out: 8299.350 $\pm$ 1.585 χ^2/NDF :2577350.4/19

Right Out: 6032.193 $\pm$ 1.726 χ^2/NDF : 1797562.8/17

Left In: 9466.796 $\pm$ 1.766 χ^2/NDF :978903.7/18

Left: 8819.972 $\pm$ 1.180 χ^2/NDF : 3798282.5/38

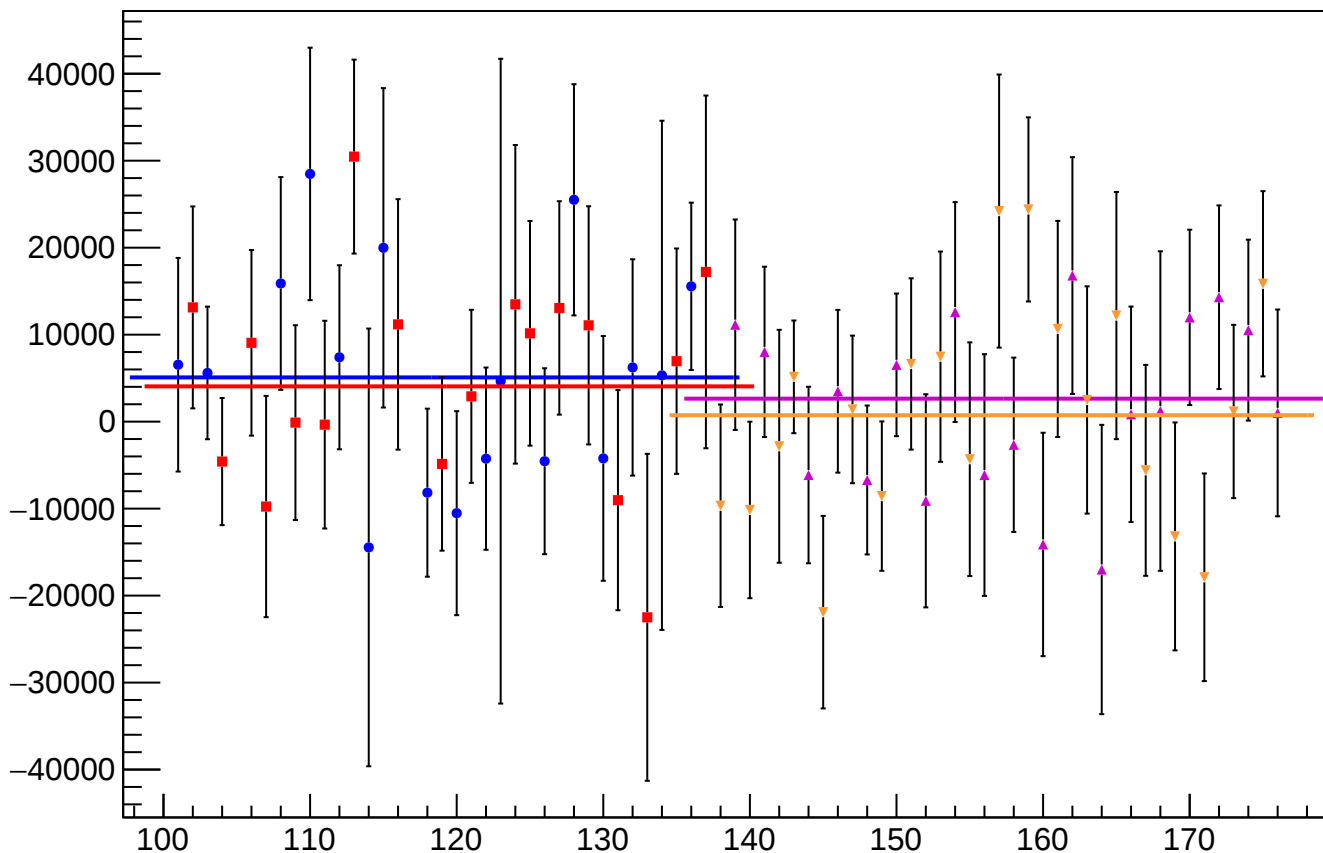
Right: 6531.375 $\pm$ 1.309 χ^2/NDF : 2488415.8/34

In: 8482.612 $\pm$ 1.327 χ^2/NDF :2185064.2/35

Out: 7262.291 $\pm$ 1.167 χ^2/NDF :5311162.5/37

All: 7794.723 $\pm$ 0.876 χ^2/NDF : 7973081.6/73

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 738.168+/-2399.934 χ^2/NDF : 23.1/19

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

Left In: 2643.124+/-2542.672 χ^2/NDF : 12.1/18

Left: 1635.678+/-1745.290 χ^2/NDF : 35.4/38

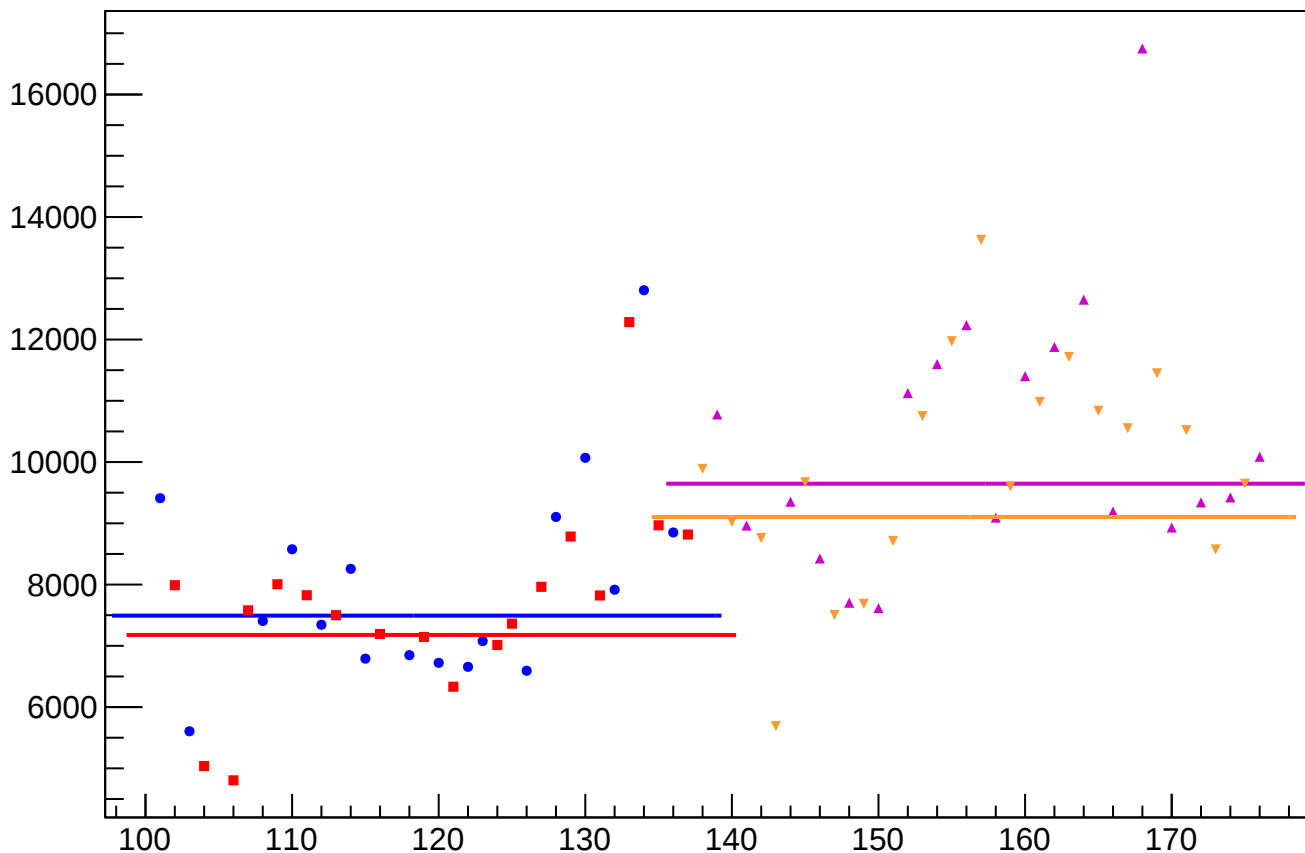
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 3681.688+/-1927.442 χ^2/NDF : 26.4/35

Out: 2143.105+/-1822.208 χ^2/NDF : 39.0/37

All: 2869.250+/-1324.136 χ^2/NDF : 65.8/73

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2/NDF : 437084.4/16

Left Out: 9102.903 $\pm$ 1.697 χ^2/NDF :1285167.4/19

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

Left In: 9646.923 $\pm$ 1.798 χ^2/NDF :914846.0/18

Left: 9359.216 $\pm$ 1.234 χ^2/NDF : 2248432.5/38

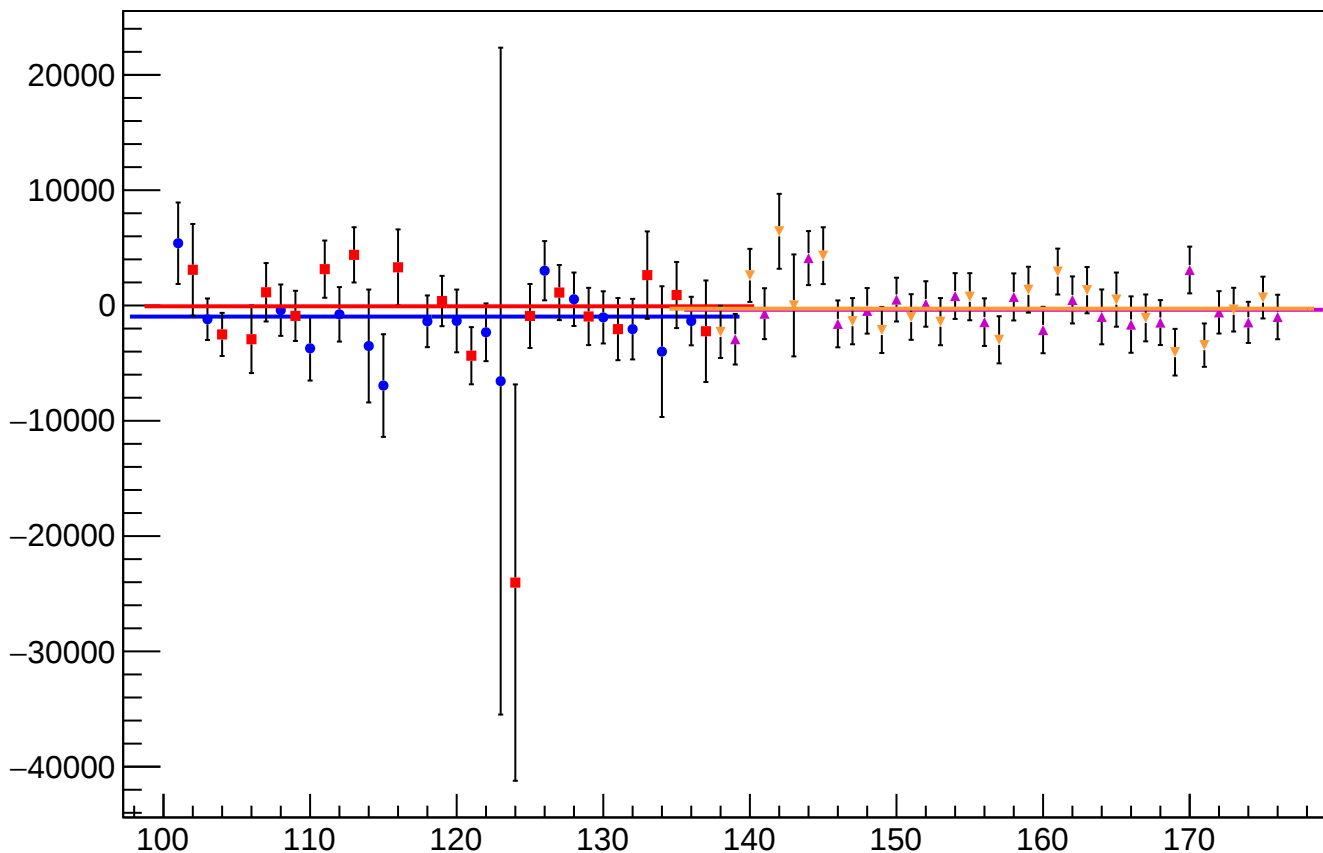
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 8730.629 $\pm$ 1.363 χ^2/NDF :1962494.5/35

Out: 8287.500 $\pm$ 1.288 χ^2/NDF :2386143.5/37

All: 8496.628 $\pm$ 0.936 χ^2/NDF : 4404462.5/73

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -275.220 ± 473.724 χ^2/NDF : 24.5/19

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

Left In: -369.557 ± 467.644 χ^2/NDF : 11.6/18

Left: -322.998 ± 332.803 χ^2/NDF : 36.1/38

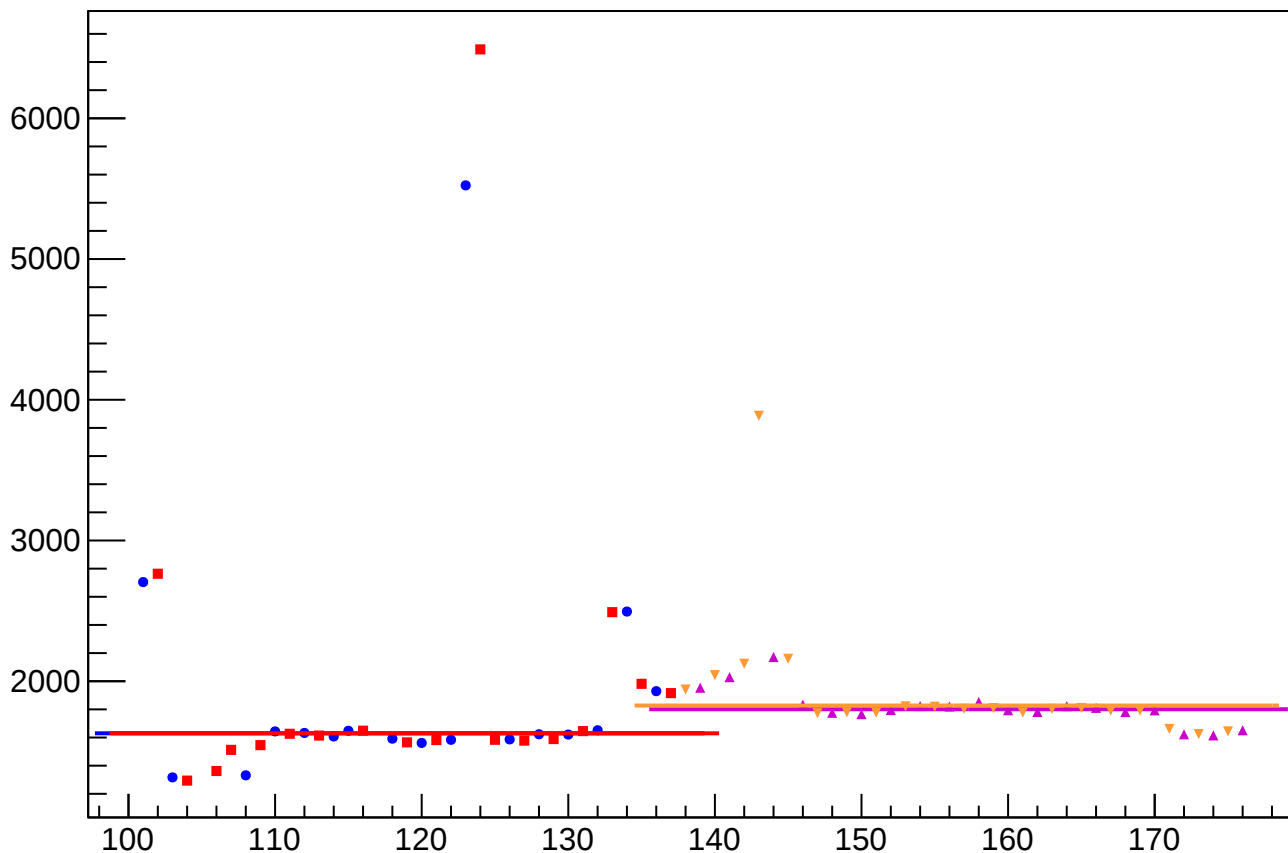
Right: -510.933 ± 451.616 χ^2/NDF : 27.8/34

In: -574.691 ± 378.203 χ^2/NDF : 22.2/35

Out: -202.231 ± 379.580 χ^2/NDF : 41.3/37

All: -389.138 ± 267.915 χ^2/NDF : 64.0/73

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1827.415+/-0.335 χ^2/NDF : 575325.4/19

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

Left In: 1800.966+/-0.331 χ^2/NDF : 137553.9/18

Left: 1814.019+/-0.235 χ^2/NDF : 716036.7/38

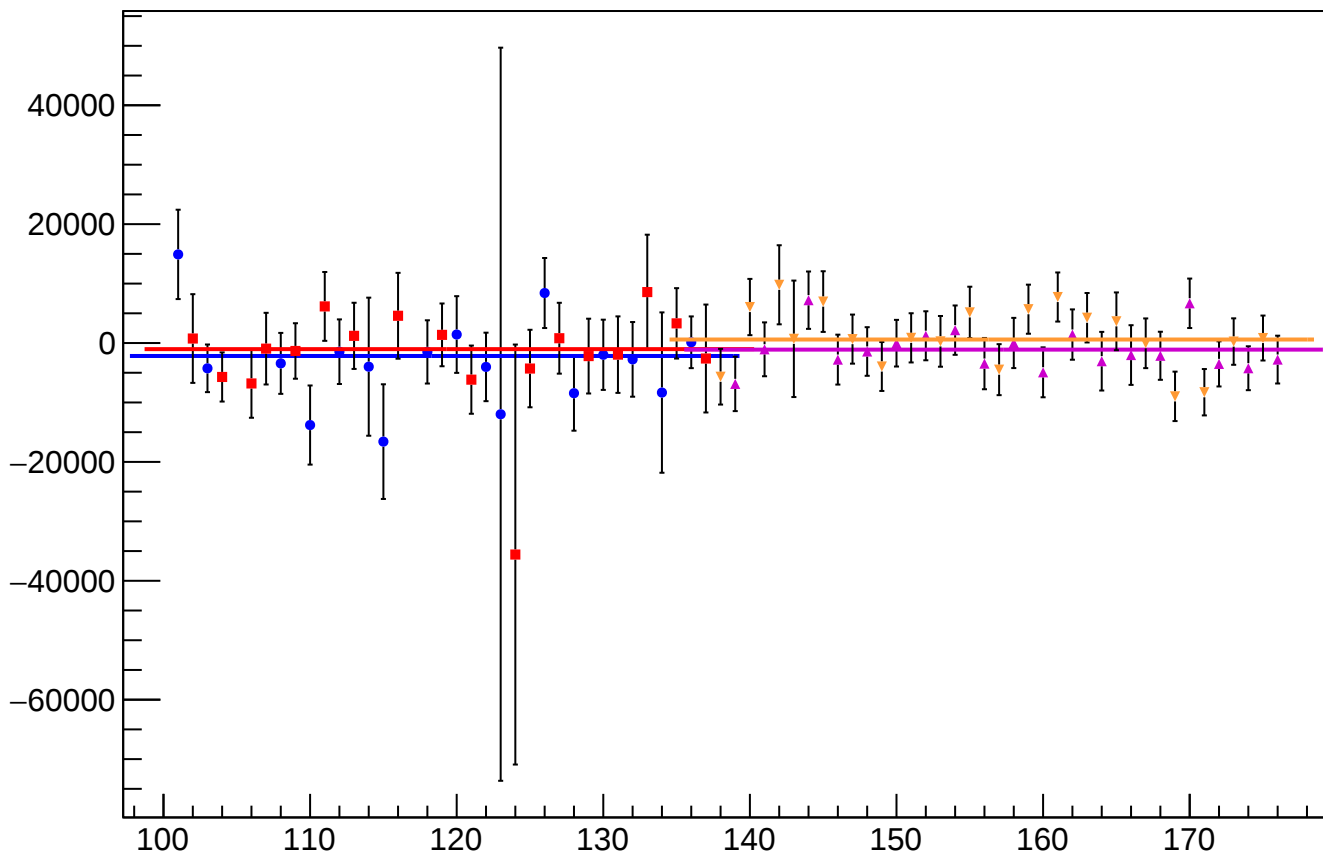
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1741.807+/-0.267 χ^2/NDF : 638228.5/35

Out: 1756.725+/-0.268 χ^2/NDF : 1257189.0/37

All: 1749.239+/-0.189 χ^2/NDF : 1896967.8/73

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 592.086+/-983.220 χ^2/NDF : 26.5/19

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

Left In: -1109.642+/-969.254 χ^2/NDF : 12.4/18

Left: -270.949+/-690.251 χ^2/NDF : 40.4/38

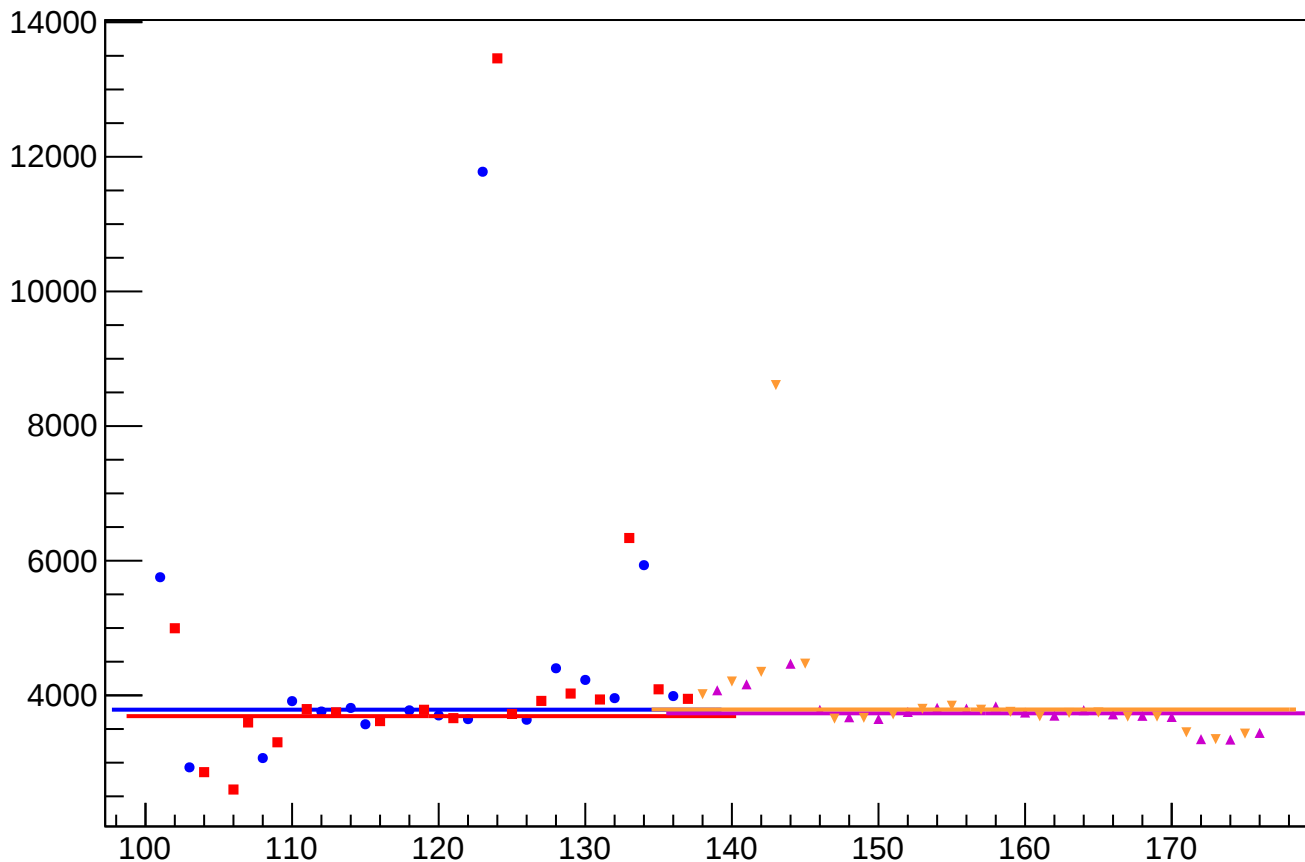
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1426.769+/-812.967 χ^2/NDF : 28.7/35

Out: 78.408+/-812.412 χ^2/NDF : 36.0/37

All: -673.667+/-574.658 χ^2/NDF : 66.4/73

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3790.244+/-0.695 χ^2/NDF : 621600.5/19

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

Left In: 3733.137+/-0.685 χ^2/NDF : 134180.0/18

Left: 3761.282+/-0.488 χ^2/NDF : 759202.2/38

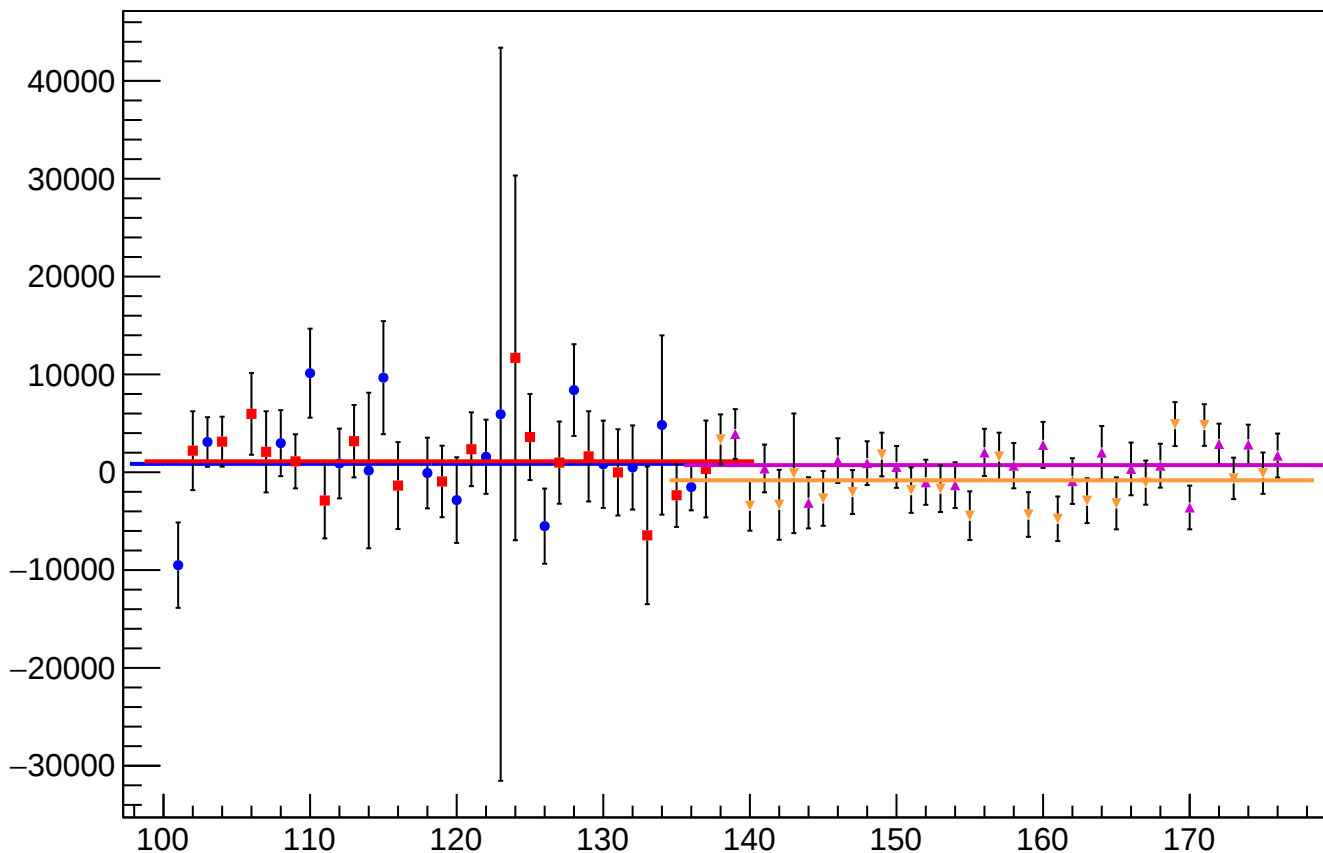
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3749.196+/-0.575 χ^2/NDF : 528682.6/35

Out: 3758.834+/-0.574 χ^2/NDF : 1183190.7/37

All: 3754.019+/-0.406 χ^2/NDF : 1712013.9/73

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187+/-964.743 χ^2/NDF : 20.7/16

Left Out: -825.009+/-541.741 χ^2/NDF : 30.4/19

Right Out: 1117.553+/-927.195 χ^2/NDF : 7.3/17

Left In: 727.547+/-533.023 χ^2/NDF : 13.1/18

Left: -36.138+/-379.949 χ^2/NDF : 47.7/38

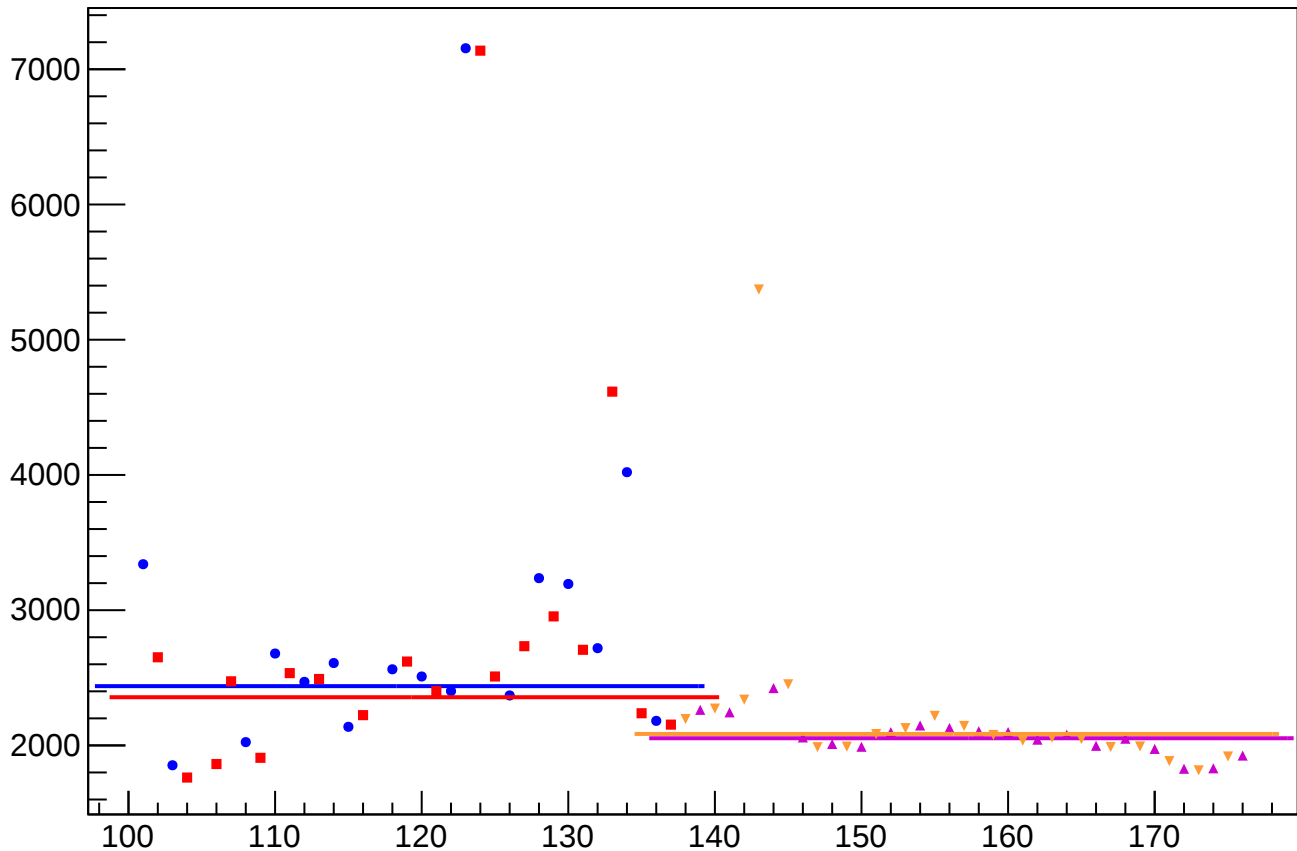
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 757.631+/-466.549 χ^2/NDF : 33.8/35

Out: -330.626+/-467.752 χ^2/NDF : 40.9/37

All: 214.904+/-330.325 χ^2/NDF : 77.4/73

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2084.931+/-0.383 χ^2/NDF : 722737.2/19

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

Left In: 2052.975+/-0.377 χ^2/NDF : 134352.3/18

Left: 2068.694+/-0.269 χ^2/NDF : 860625.2/38

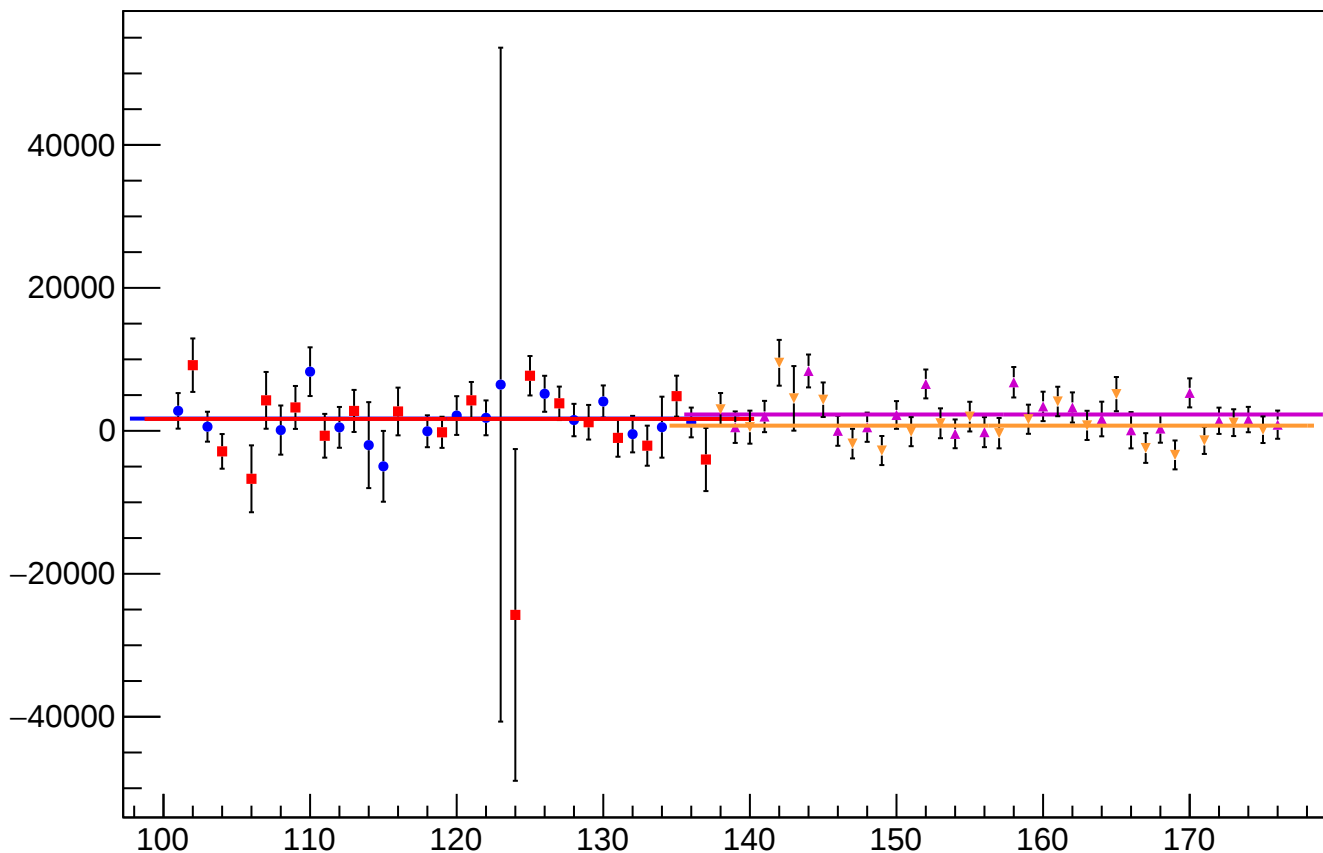
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2143.085+/-0.330 χ^2/NDF : 855479.8/35

Out: 2154.021+/-0.331 χ^2/NDF : 1479688.8/37

All: 2148.539+/-0.234 χ^2/NDF : 2335716.6/73

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 728.225+/-481.310 χ^2/NDF : 30.7/19

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

Left In: 2287.009+/-475.333 χ^2/NDF : 27.2/18

Left: 1517.357+/-338.205 χ^2/NDF : 63.2/38

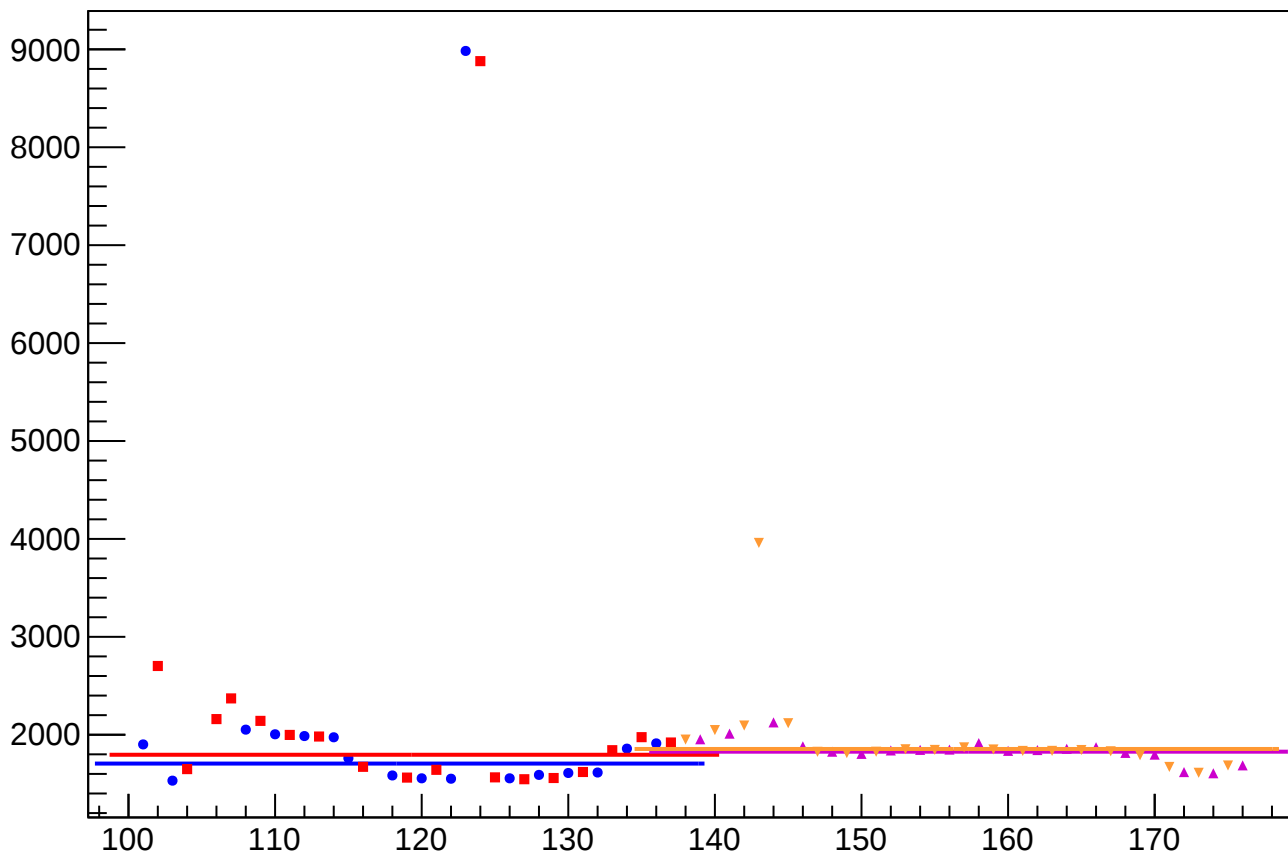
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2093.589+/-387.124 χ^2/NDF : 39.1/35

Out: 1031.579+/-395.817 χ^2/NDF : 58.8/37

All: 1574.375+/-276.760 χ^2/NDF : 101.5/73

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 1854.685+/-0.340 χ^2/NDF : 559712.3/19

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1826.979+/-0.336 χ^2/NDF : 128288.5/18

Left: 1840.659+/-0.239 χ^2/NDF : 691355.8/38

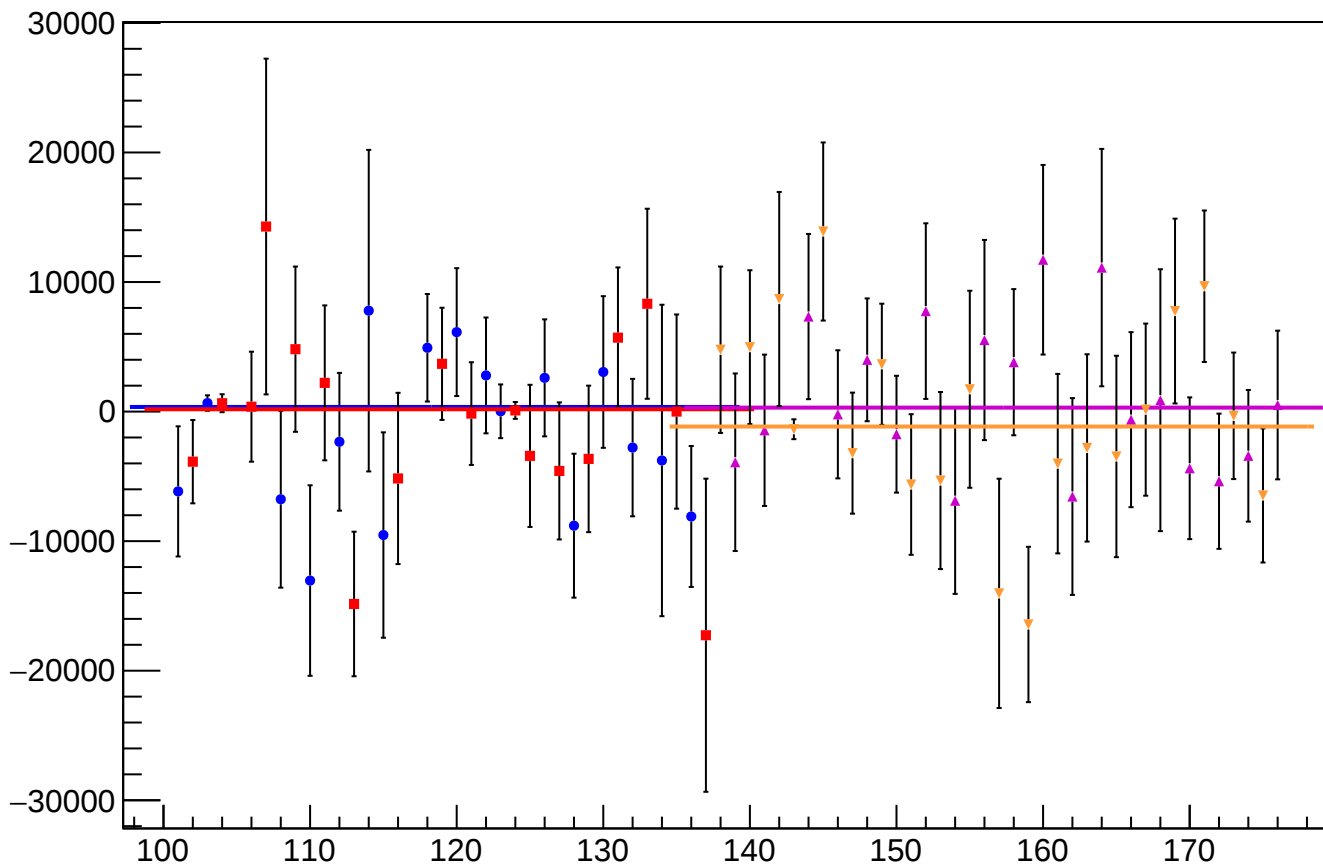
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1786.118+/-0.274 χ^2/NDF : 366356.5/35

Out: 1835.494+/-0.280 χ^2/NDF : 1088311.0/37

All: 1810.275+/-0.196 χ^2/NDF : 1470586.0/73

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1155.213 $\pm$ 673.525 χ^2 /NDF:25.7/19

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

Left In: 305.662 $\pm$ 1389.446 χ^2 /NDF:12.7/18

Left: -877.256 $\pm$ 606.072 χ^2 /NDF: 39.3/38

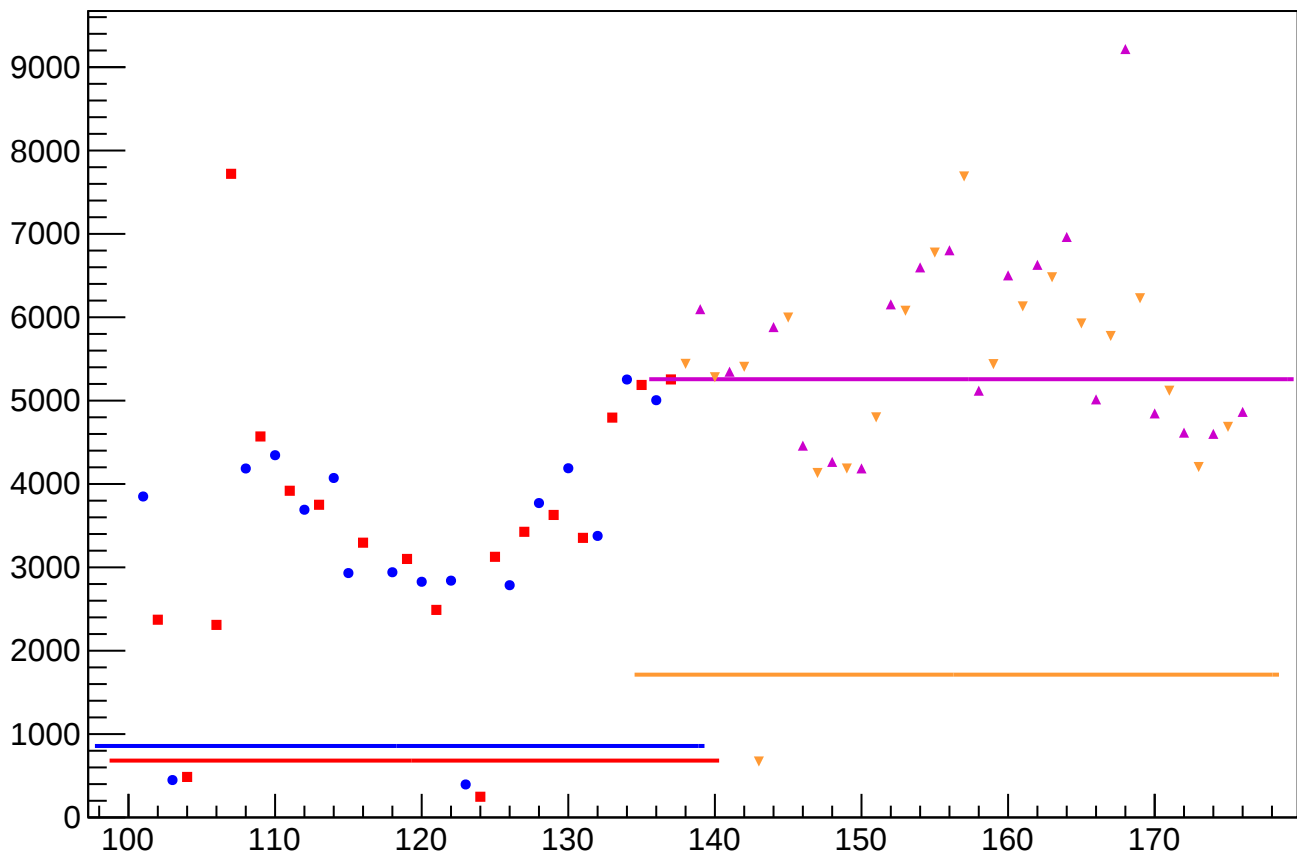
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 350.432 $\pm$ 497.811 χ^2 /NDF:30.2/35

Out: -228.839 $\pm$ 372.437 χ^2 /NDF:46.9/37

All: -20.960 $\pm$ 298.215 χ^2 /NDF: 78.0/73

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2 /NDF: 8175260.6/16

Left Out: 1712.946 $\pm$ 0.476 χ^2 /NDF: 17078945.6/19

Right Out: 682.114 $\pm$ 0.316 χ^2 /NDF: 9378570.8/17

Left In: 5256.873 $\pm$ 0.982 χ^2 /NDF: 1074308.5/18

Left: 2387.240 $\pm$ 0.429 χ^2 /NDF: 28688808.4/38

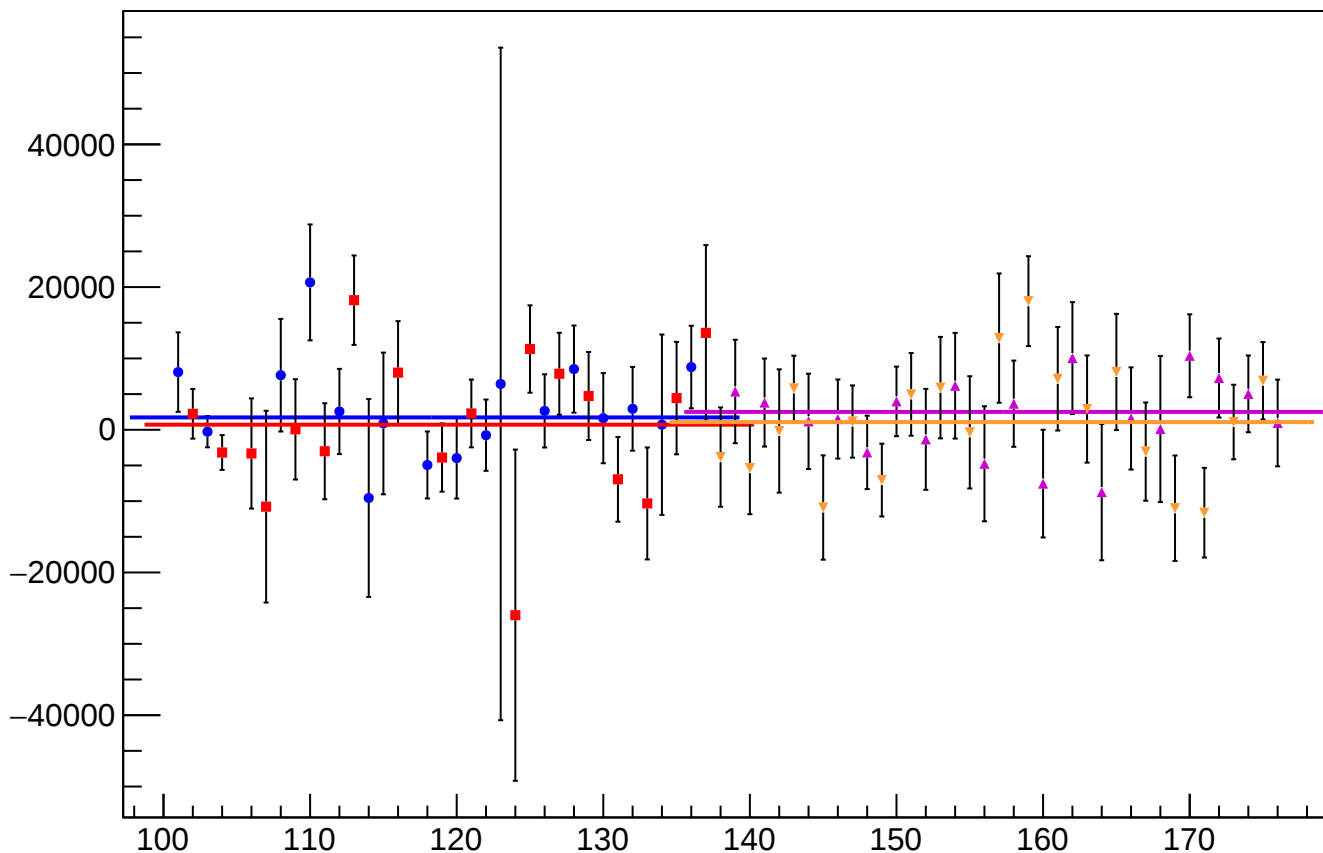
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1422.200 $\pm$ 0.352 χ^2 /NDF: 26726623.4/35

Out: 997.315 $\pm$ 0.263 χ^2 /NDF: 29709886.2/37

All: 1149.790 $\pm$ 0.211 χ^2 /NDF: 57370611.1/7

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1074.982+/-1425.393 χ^2/NDF : 27.4/19

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

Left In: 2504.499+/-1476.406 χ^2/NDF : 10.0/18

Left: 1764.618+/-1025.465 χ^2/NDF : 37.9/38

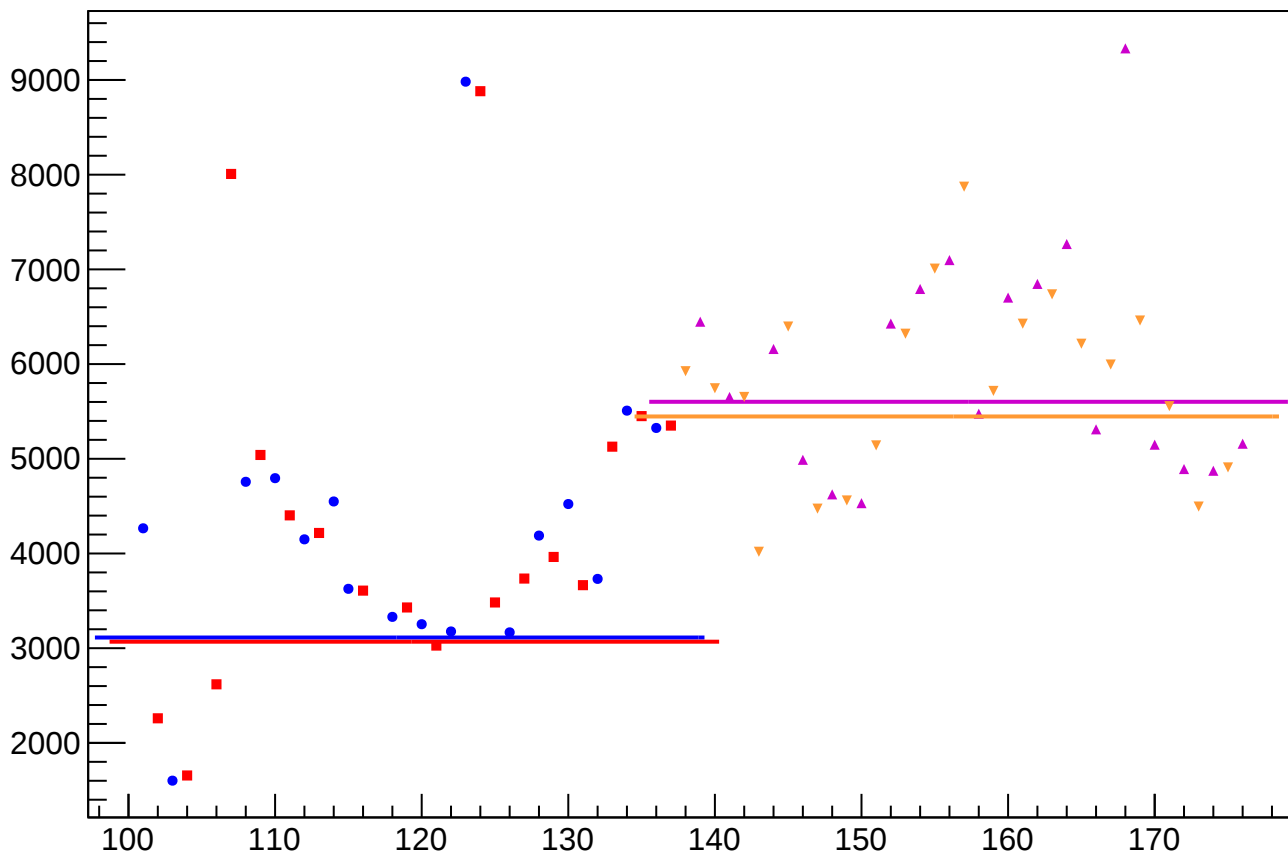
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2071.424+/-977.620 χ^2/NDF : 25.0/35

Out: 877.459+/-956.746 χ^2/NDF : 52.6/37

All: 1461.558+/-683.782 χ^2/NDF : 78.4/73

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2 /NDF: 1884511.8/16

Left Out: 5446.838 $\pm$ 1.008 χ^2 /NDF: 889150.7/19

Right Out: 3068.634 $\pm$ 0.899 χ^2 /NDF: 2001632.3/17

Left In: 5601.805 $\pm$ 1.044 χ^2 /NDF: 898326.5/18

Left: 5521.598 $\pm$ 0.725 χ^2 /NDF: 1798881.5/38

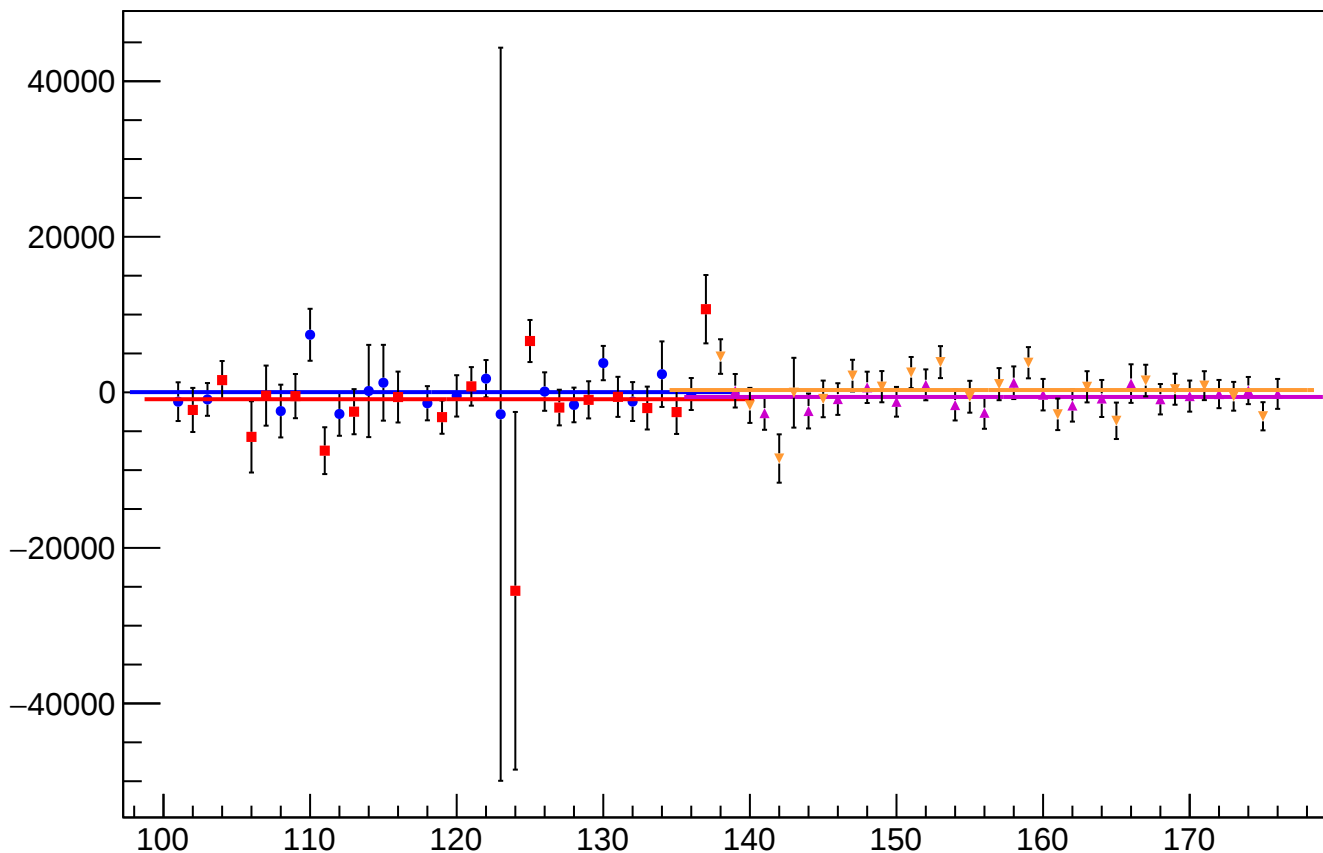
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4204.056 $\pm$ 0.691 χ^2 /NDF: 5975060.0/35

Out: 4122.824 $\pm$ 0.671 χ^2 /NDF: 5990359.6/37

All: 4162.234 $\pm$ 0.481 χ^2 /NDF: 11972529.0/7

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 296.900 $\pm$ 472.204 χ^2/NDF :30.7/19

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

Left In: -593.225 $\pm$ 466.607 χ^2/NDF :6.0/18

Left: -153.469 $\pm$ 331.902 χ^2/NDF : 38.5/38

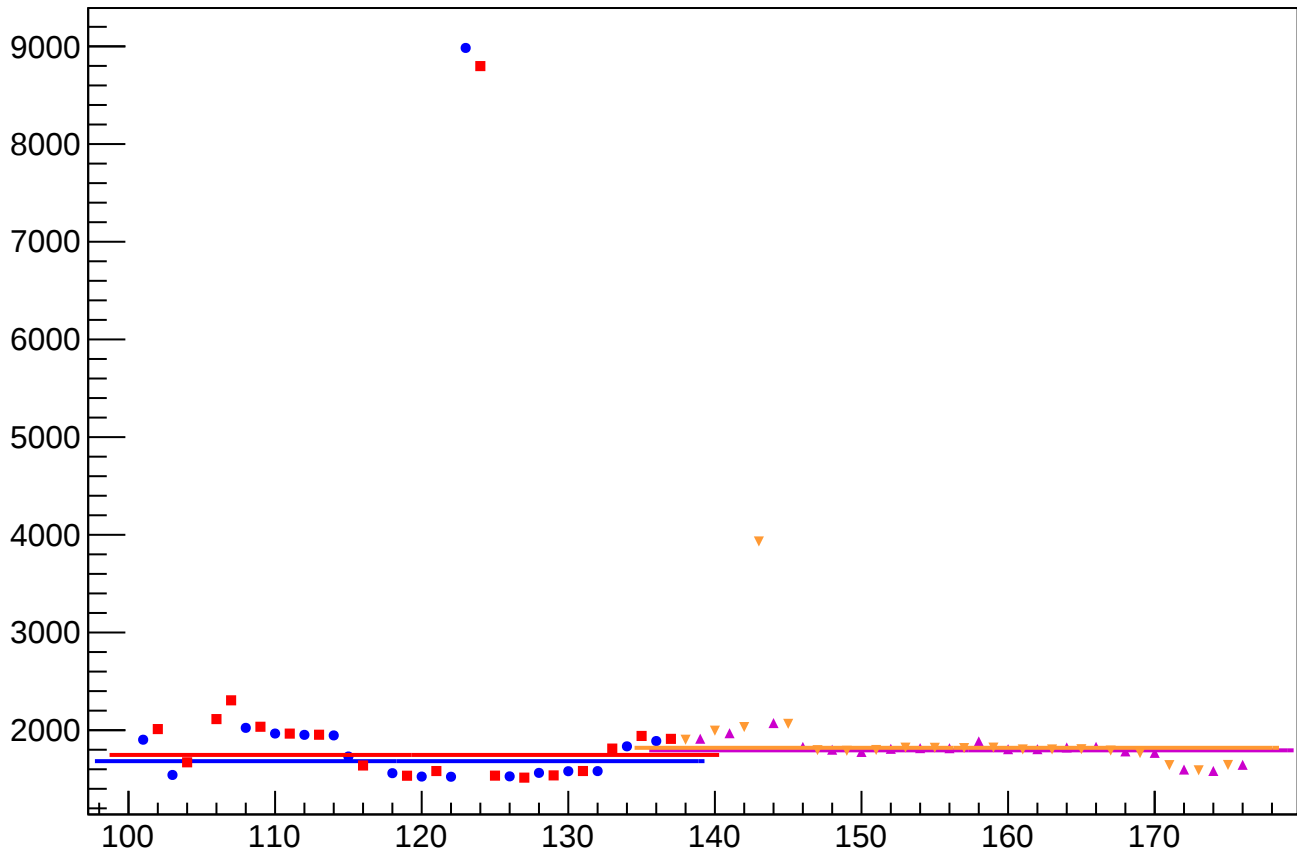
Right: -415.699 $\pm$ 471.191 χ^2/NDF : 38.4/34

In: -385.161 $\pm$ 380.698 χ^2/NDF :18.4/35

Out: -90.982 $\pm$ 386.853 χ^2/NDF :58.4/37

All: -240.431 $\pm$ 271.344 χ^2/NDF : 77.1/73

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1819.682+/-0.334 χ^2/NDF : 560427.0/19

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

Left In: 1793.769+/-0.330 χ^2/NDF : 121337.5/18

Left: 1806.571+/-0.235 χ^2/NDF : 684812.0/38

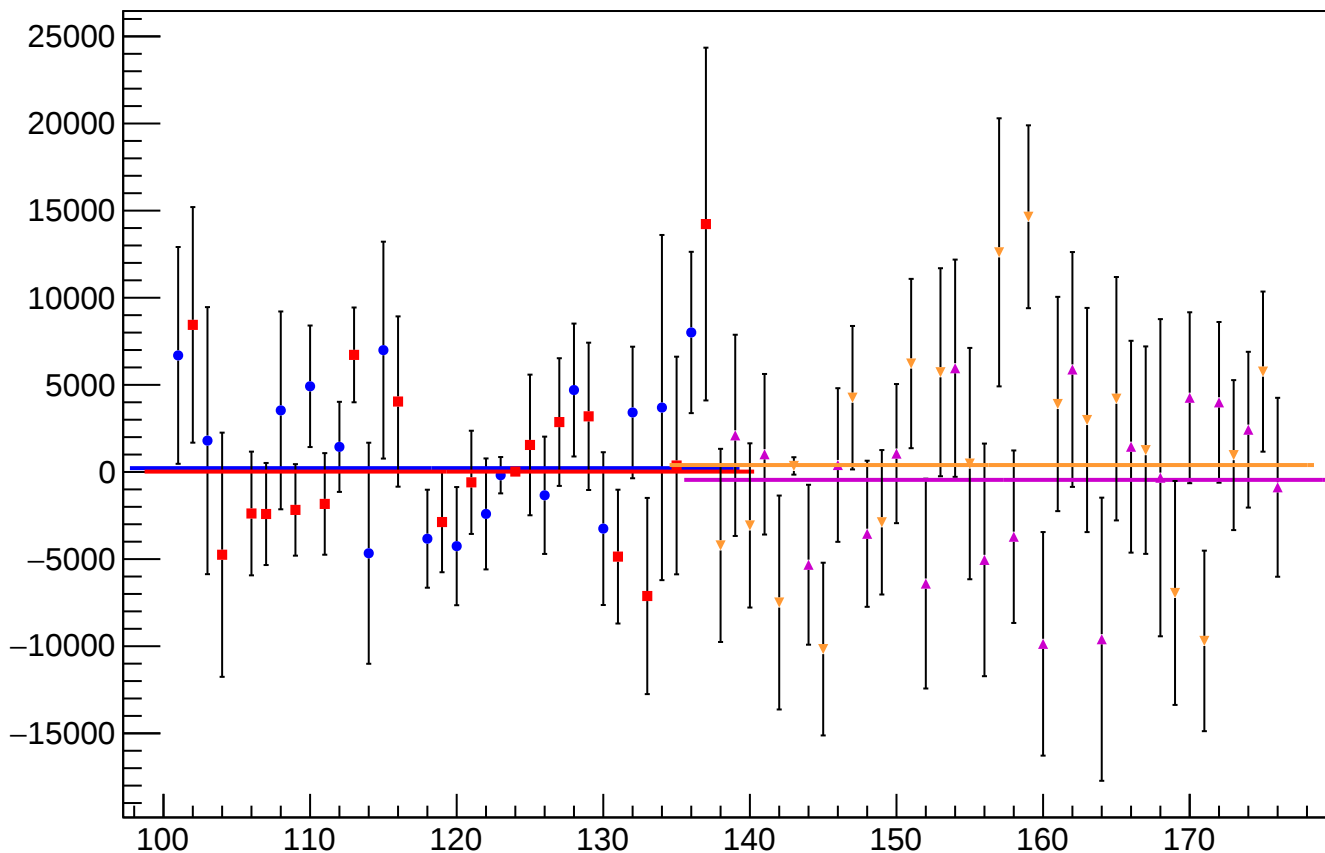
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1756.777+/-0.269 χ^2/NDF : 354792.9/35

Out: 1795.646+/-0.273 χ^2/NDF : 982863.6/37

All: 1775.914+/-0.192 χ^2/NDF : 1347921.3/73

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 397.886+/-462.154 χ^2/NDF : 28.4/19

Right Out: 21.945+/-114.135 χ^2/NDF : 18.6/17

Left In: -452.790+/-1204.475 χ^2/NDF : 11.8/18

Left: 288.718+/-431.482 χ^2/NDF : 40.6/38

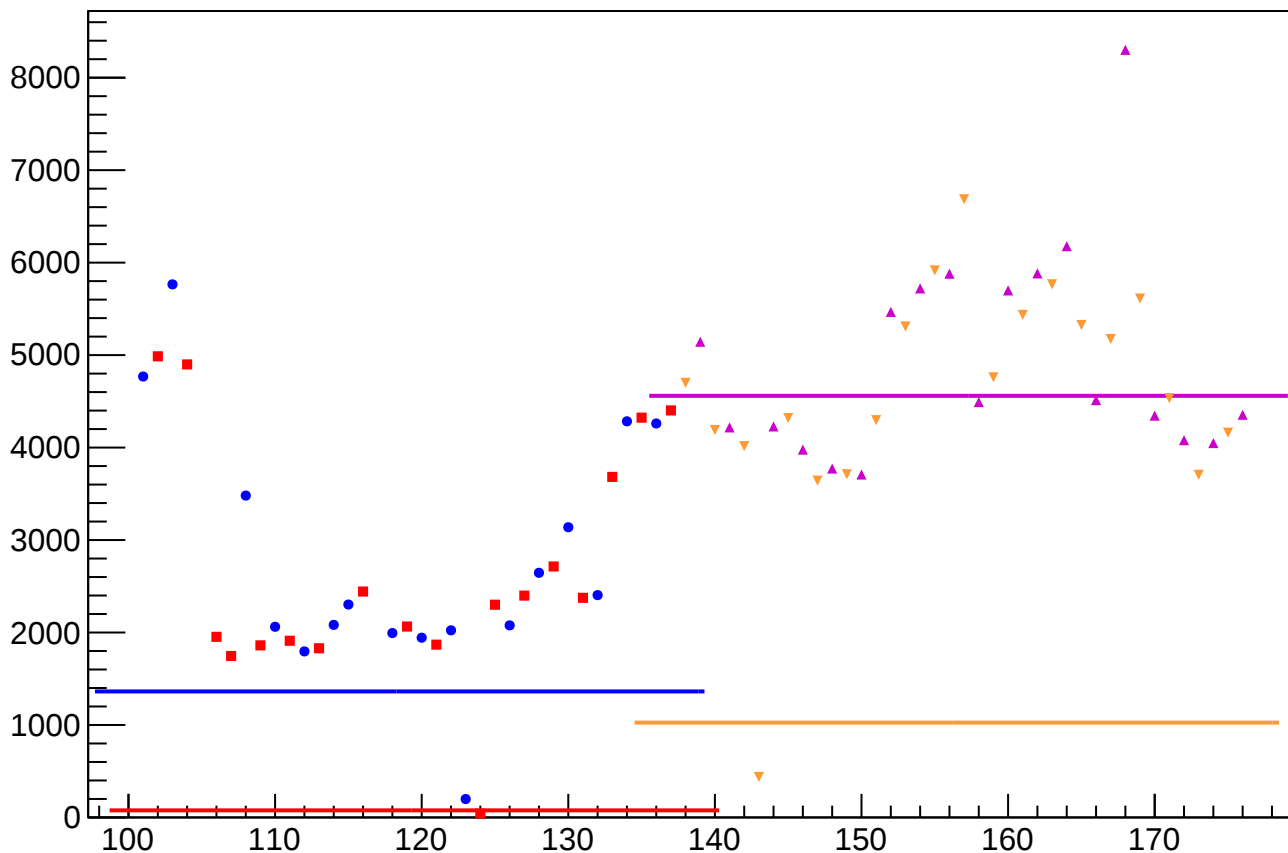
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: 42.409+/-618.580 χ^2/NDF : 27.8/35

Out: 43.556+/-110.806 χ^2/NDF : 47.6/37

All: 43.520+/-109.070 χ^2/NDF : 75.4/73

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1025.807 $\pm$ 0.327 χ^2 /NDF: 20159757.5/19

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

Left In: 4559.673 $\pm$ 0.852 χ^2 /NDF: 1043975.4/18

Left: 1479.308 $\pm$ 0.305 χ^2 /NDF: 36210479.4/38

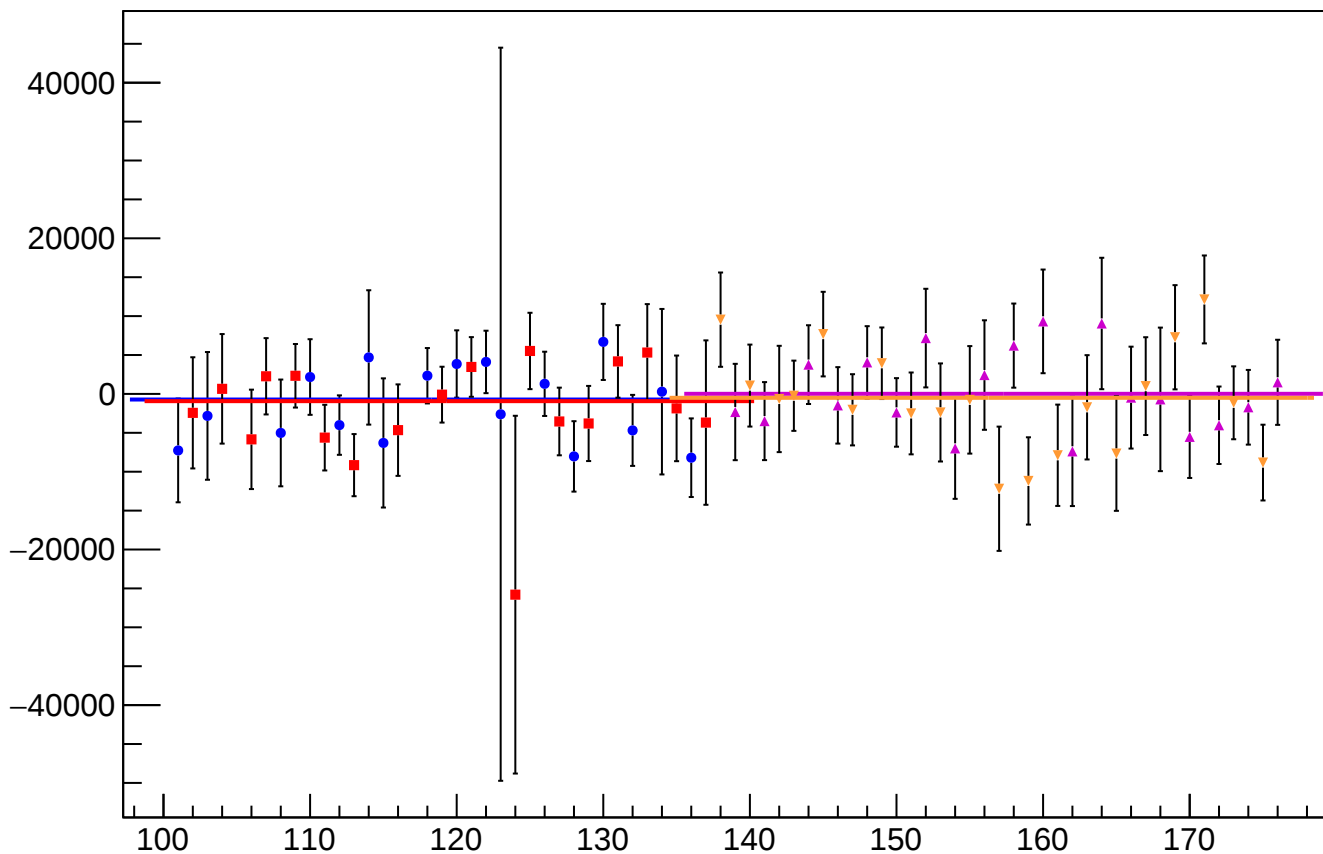
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2206.014 $\pm$ 0.437 χ^2 /NDF: 17652658.1/35

Out: 131.384 $\pm$ 0.078 χ^2 /NDF: 41222074.0/37

All: 195.884 $\pm$ 0.077 χ^2 /NDF: 80672026.6/73

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -502.579+/-1266.591 χ^2/NDF : 23.8/19

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

Left In: 12.322+/-1299.702 χ^2/NDF : 12.4/18

Left: -251.771+/-907.095 χ^2/NDF : 36.2/38

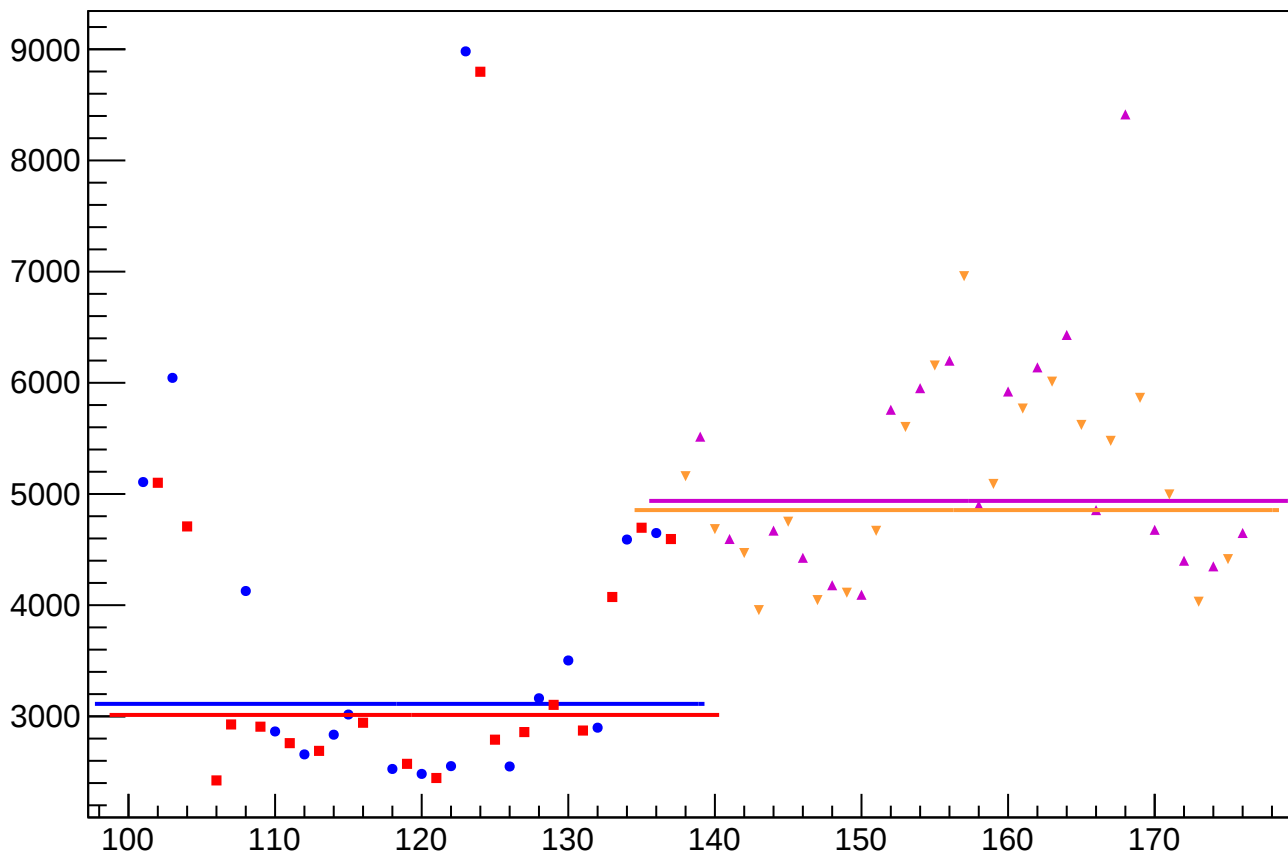
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -368.142+/-901.884 χ^2/NDF : 27.3/35

Out: -729.713+/-868.992 χ^2/NDF : 38.8/37

All: -555.641+/-625.775 χ^2/NDF : 66.1/73

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2 /NDF: 958497.7/16

Left Out: 4855.200 $\pm$ 0.896 χ^2 /NDF: 717420.6/19

Right Out: 3012.763 $\pm$ 0.834 χ^2 /NDF: 774261.7/17

Left In: 4937.852 $\pm$ 0.919 χ^2 /NDF: 839932.5/18

Left: 4895.460 $\pm$ 0.641 χ^2 /NDF: 1561501.5/38

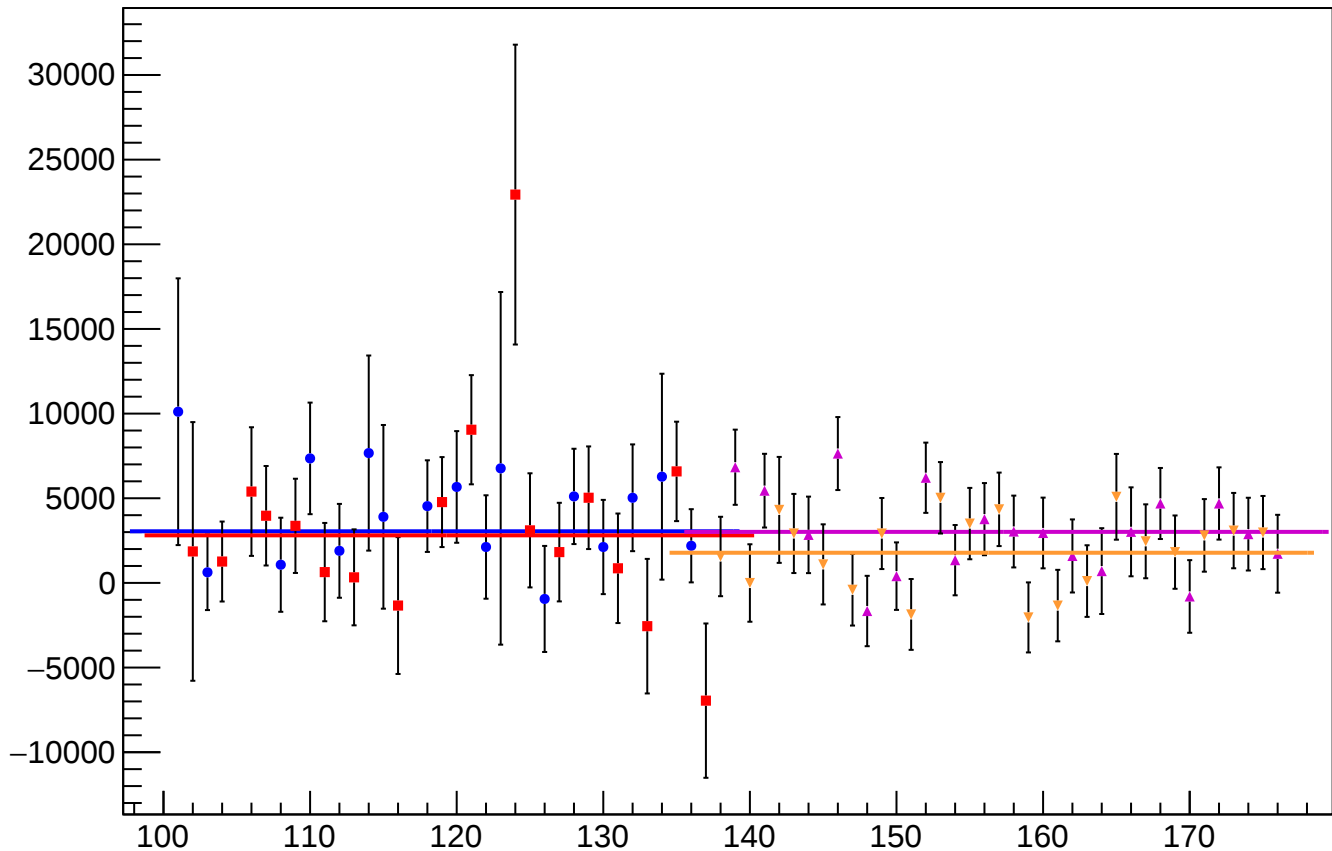
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 3991.299 $\pm$ 0.638 χ^2 /NDF: 3844393.2/35

Out: 3868.466 $\pm$ 0.610 χ^2 /NDF: 3758151.5/37

All: 3927.190 $\pm$ 0.441 χ^2 /NDF: 7621907.1/73

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2/NDF : 9.3/16

Left Out: 1781.365 $\pm$ 495.540 χ^2/NDF :19.3/19

Right Out: 2809.116 $\pm$ 766.213 χ^2/NDF : 22.0/17

Left In: 3014.310 $\pm$ 498.168 χ^2/NDF :24.8/18

Left: 2394.577 $\pm$ 351.325 χ^2/NDF : 47.2/38

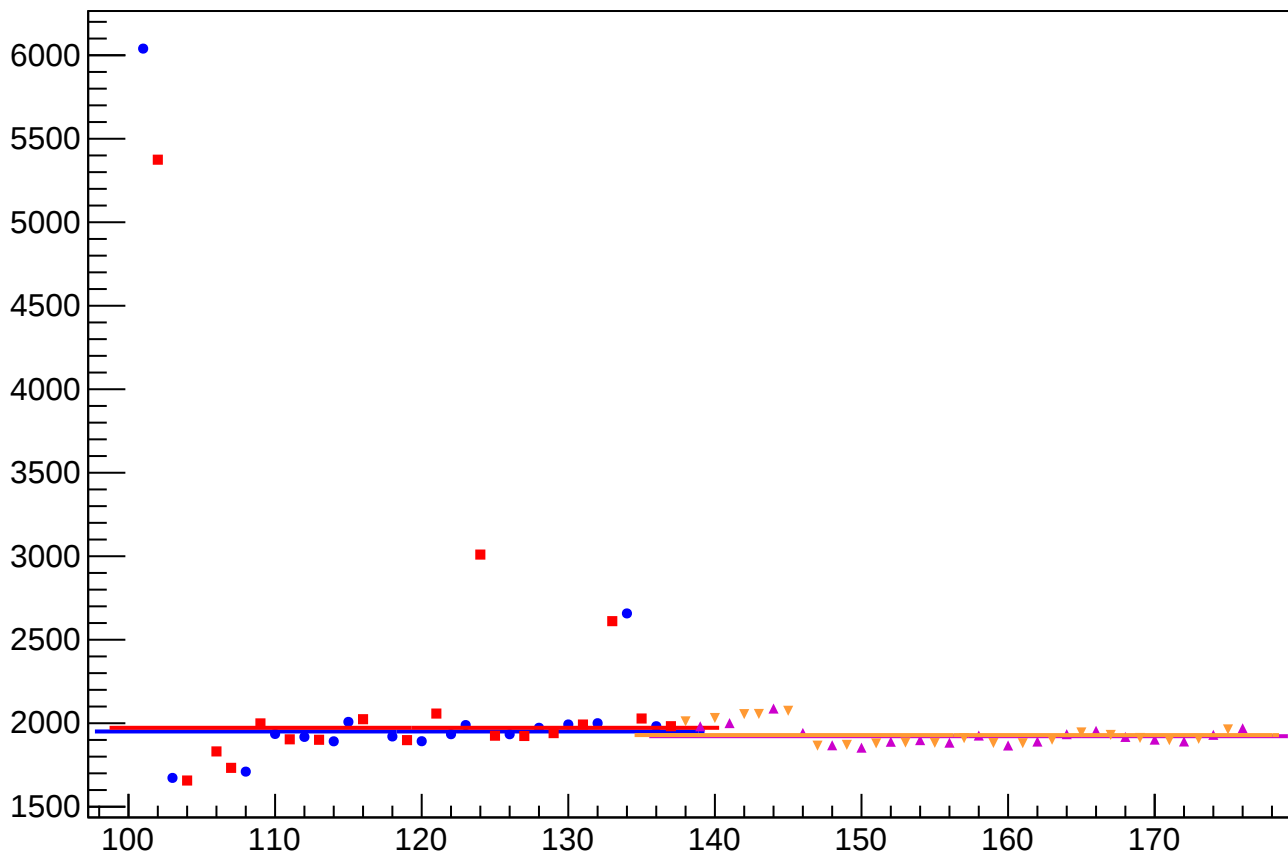
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3024.527 $\pm$ 418.635 χ^2/NDF :34.1/35

Out: 2084.467 $\pm$ 416.101 χ^2/NDF :42.6/37

All: 2551.644 $\pm$ 295.120 χ^2/NDF : 79.2/73

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1929.012 $\pm$ 0.350 χ^2 /NDF:33367.2/19

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

Left In: 1922.418 $\pm$ 0.352 χ^2 /NDF:23792.7/18

Left: 1925.732 $\pm$ 0.248 χ^2 /NDF: 57336.1/38

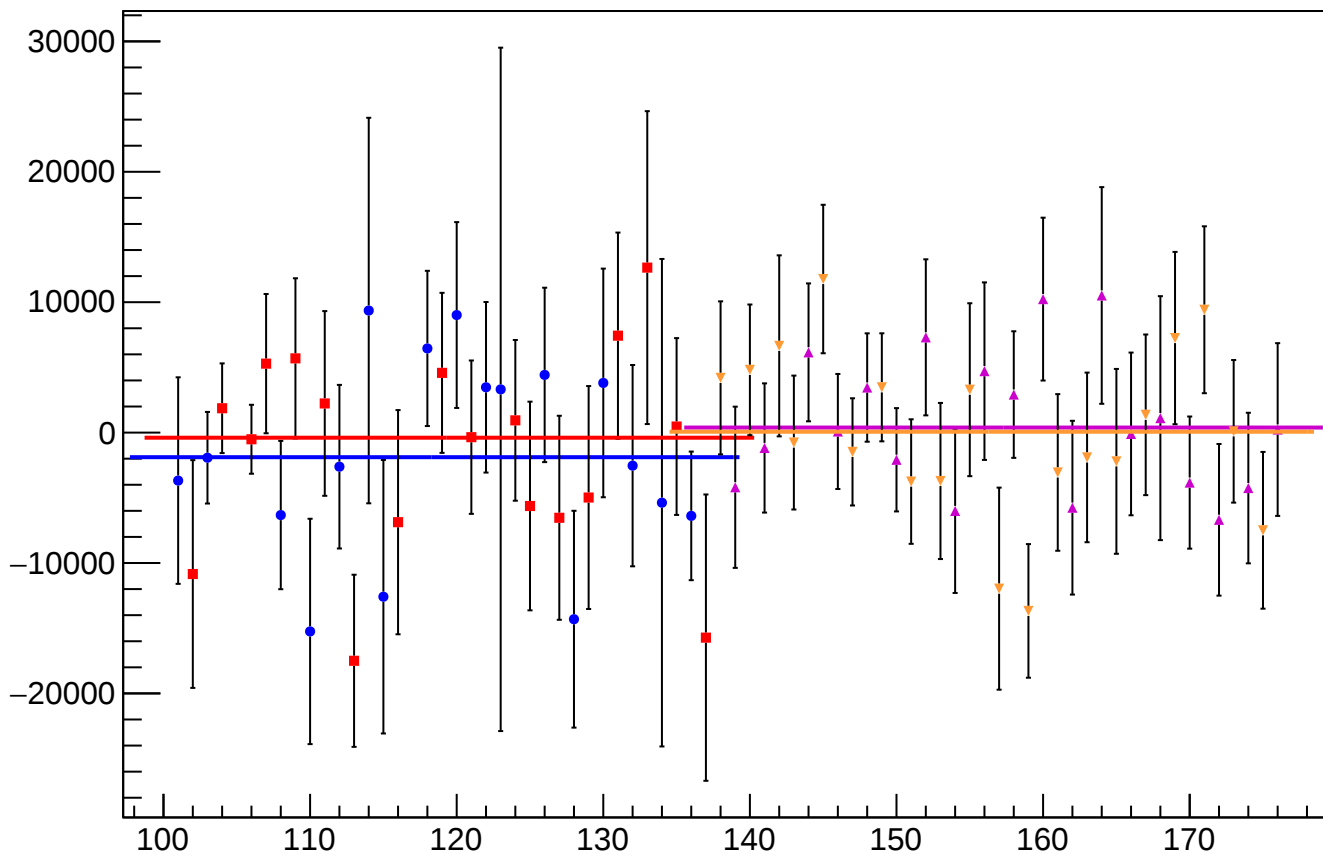
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1930.725 $\pm$ 0.296 χ^2 /NDF:640850.9/35

Out: 1941.915 $\pm$ 0.294 χ^2 /NDF:573631.2/37

All: 1936.355 $\pm$ 0.209 χ^2 /NDF: 1215201.0/73

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 66.119+/-1258.624 χ^2/NDF : 23.7/19

Right Out: -391.453+/-1361.685 χ^2/NDF : 17.6/17

Left In: 387.322+/-1276.097 χ^2/NDF : 13.5/18

Left: 224.506+/-896.095 χ^2/NDF : 37.2/38

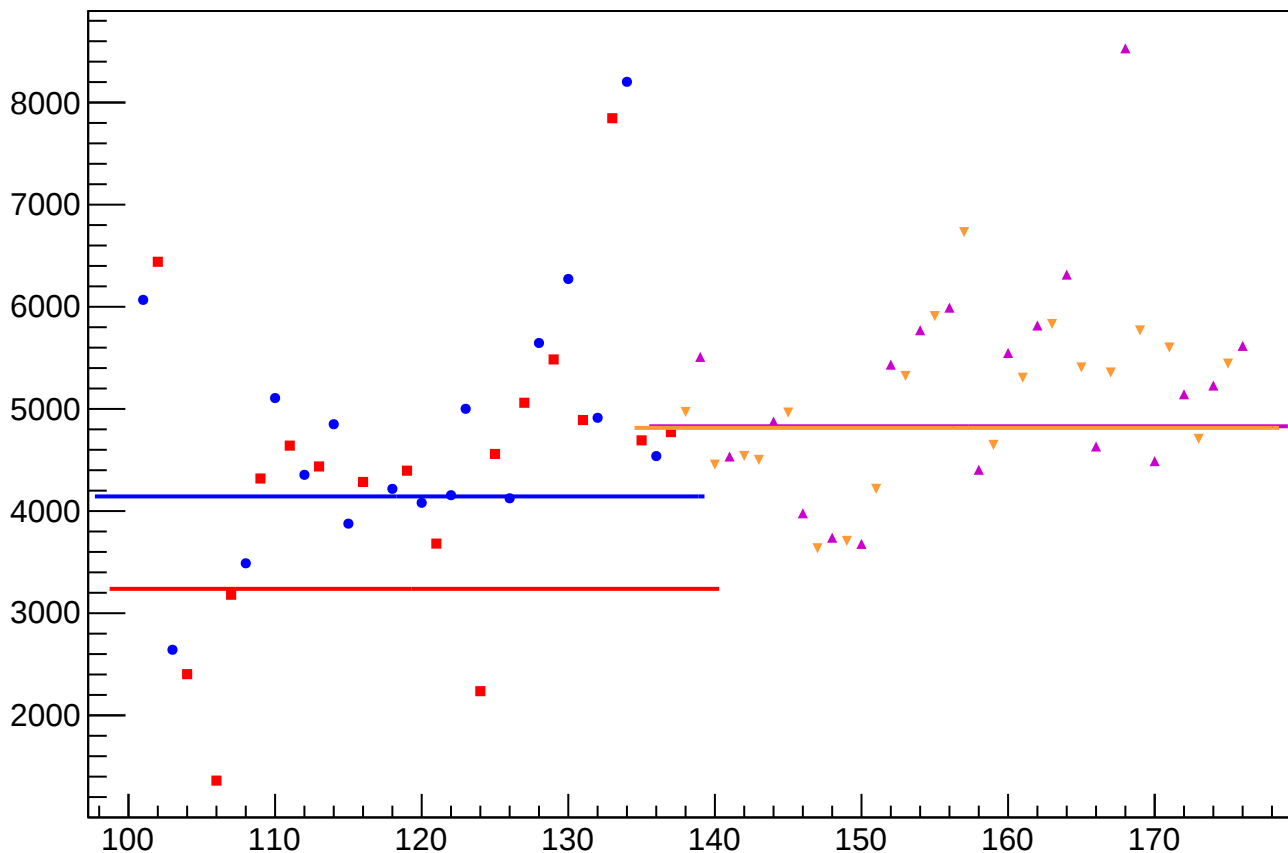
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -458.119+/-1011.250 χ^2/NDF : 28.8/35

Out: -144.698+/-924.271 χ^2/NDF : 41.3/37

All: -287.352+/-682.240 χ^2/NDF : 70.1/73

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4814.558+/-0.890 χ^2/NDF : 741788.9/19

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

Left In: 4830.070+/-0.902 χ^2/NDF : 1053431.8/18

Left: 4822.207+/-0.634 χ^2/NDF : 1795370.5/38

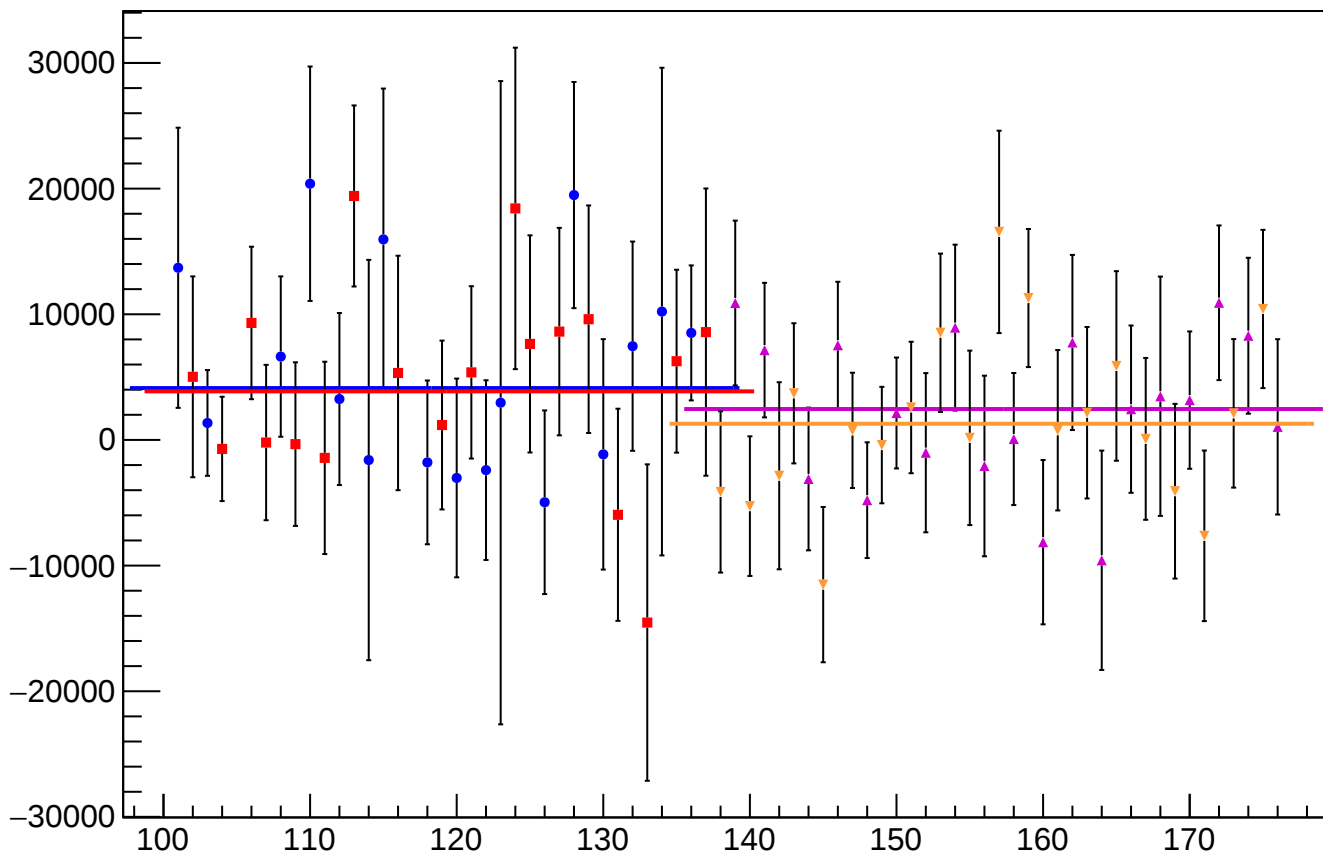
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4574.648+/-0.715 χ^2/NDF : 2124791.3/35

Out: 4088.464+/-0.654 χ^2/NDF : 4768449.8/37

All: 4309.752+/-0.482 χ^2/NDF : 7145119.2/73

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: 1287.933+/-1358.113 χ^2/NDF : 20.2/19

Right Out: 3866.479+/-1727.484 χ^2/NDF : 14.3/17

Left In: 2459.076+/-1377.013 χ^2/NDF : 16.7/18

Left: 1865.412+/-966.944 χ^2/NDF : 37.3/38

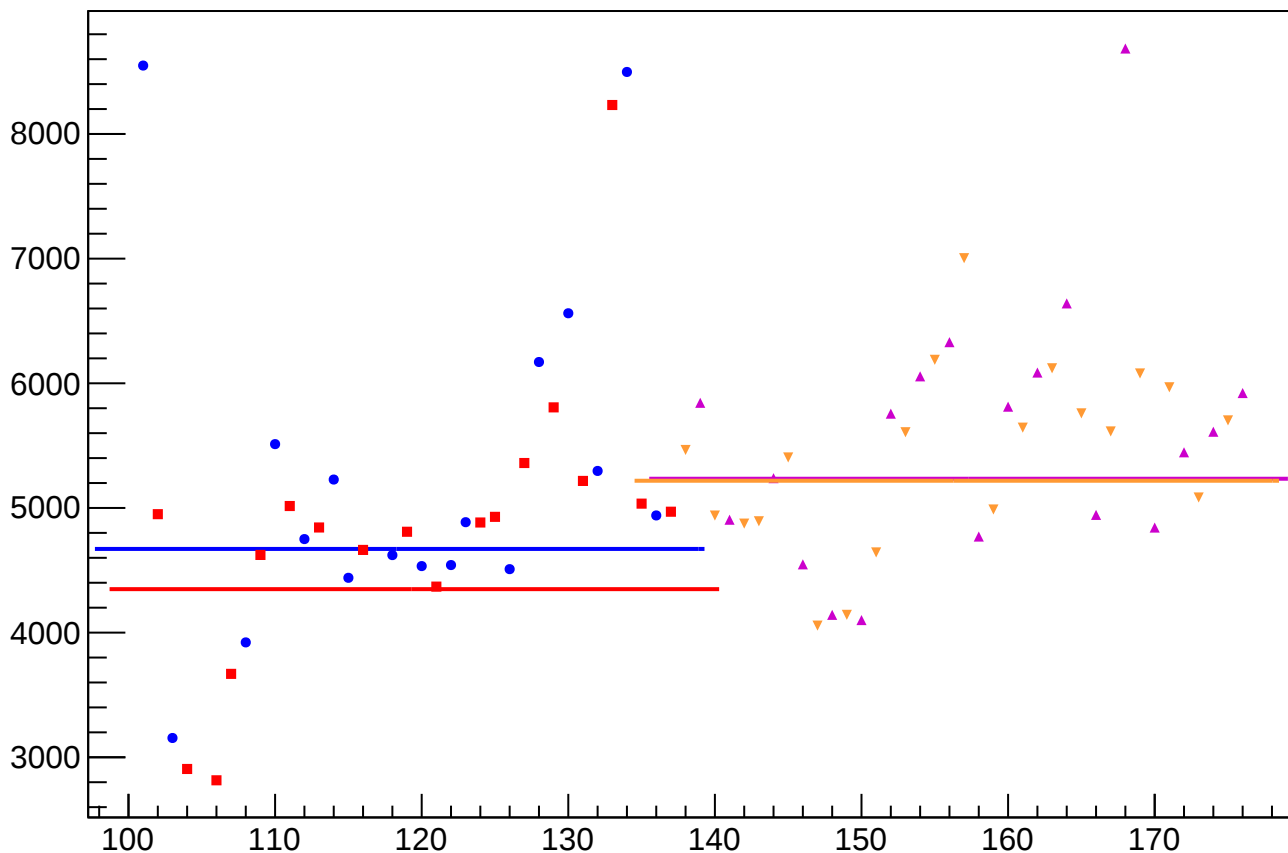
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3048.207+/-1107.370 χ^2/NDF : 30.9/35

Out: 2272.894+/-1067.667 χ^2/NDF : 35.9/37

All: 2646.402+/-768.608 χ^2/NDF : 67.0/73

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2/NDF : 786112.0/16

Left Out: 5218.338 $\pm$ 0.960 χ^2/NDF : 559256.2/19

Right Out: 4348.716 $\pm$ 1.214 χ^2/NDF : 792425.3/17

Left In: 5234.366 $\pm$ 0.974 χ^2/NDF : 816115.8/18

Left: 5226.241 $\pm$ 0.684 χ^2/NDF : 1375509.4/38

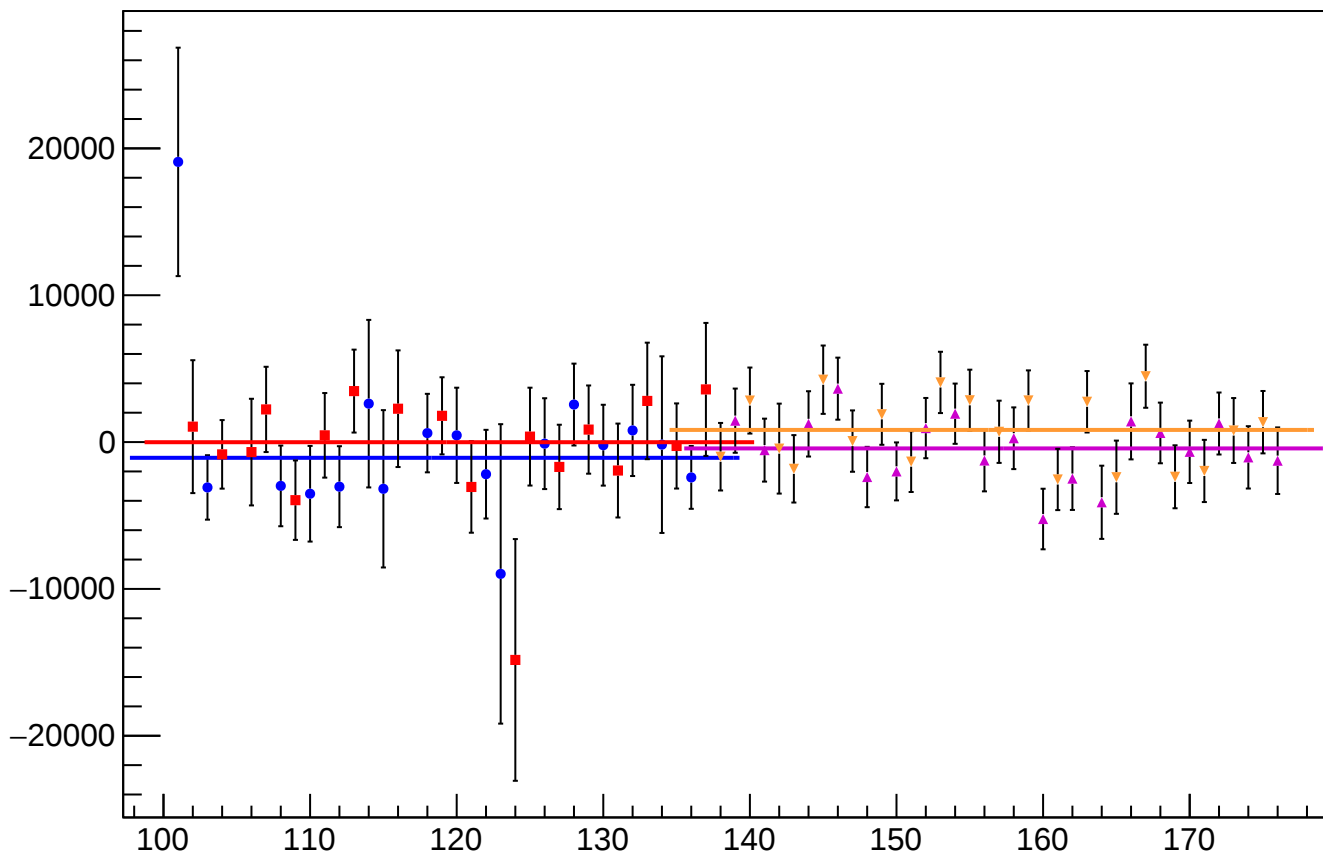
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 5035.447 $\pm$ 0.783 χ^2/NDF : 1720361.6/35

Out: 4883.770 $\pm$ 0.753 χ^2/NDF : 1667162.0/37

All: 4956.672 $\pm$ 0.543 χ^2/NDF : 3407010.9/73

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 ± 762.970 $\chi^2/\text{NDF}: 13.7/16$

Left Out: 827.772 ± 488.742 $\chi^2/\text{NDF}: 22.9/19$

Right Out: -8.910 ± 748.092 $\chi^2/\text{NDF}: 11.4/17$

Left In: -432.281 ± 491.661 $\chi^2/\text{NDF}: 18.8/18$

Left: 201.497 ± 346.620 $\chi^2/\text{NDF}: 45.0/38$

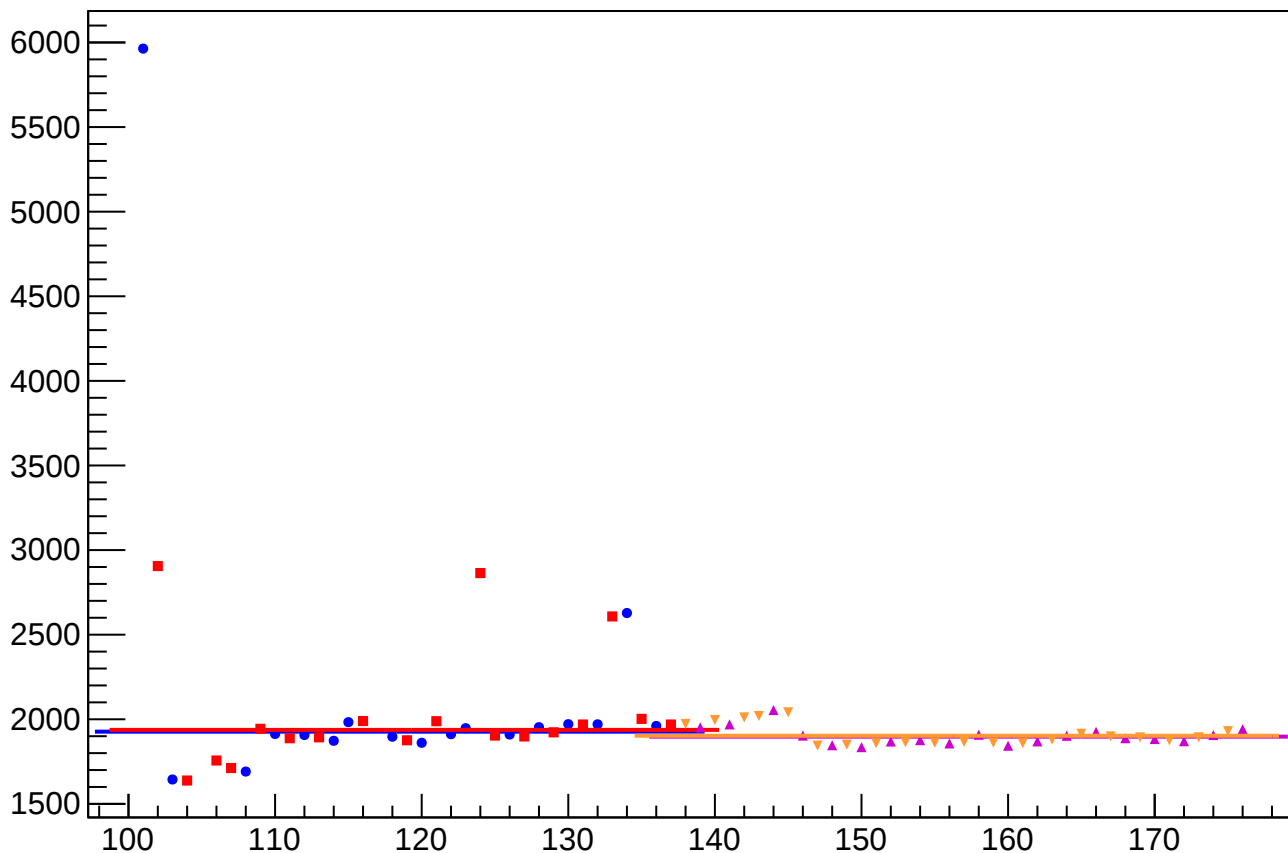
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -619.764 ± 413.283 $\chi^2/\text{NDF}: 33.0/35$

Out: 577.485 ± 409.161 $\chi^2/\text{NDF}: 35.2/37$

All: -15.139 ± 290.767 $\chi^2/\text{NDF}: 72.4/73$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1902.765+/-0.346 χ^2/NDF : 28522.9/19

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

Left In: 1897.433+/-0.348 χ^2/NDF : 21296.6/18

Left: 1900.115+/-0.245 χ^2/NDF : 49937.8/38

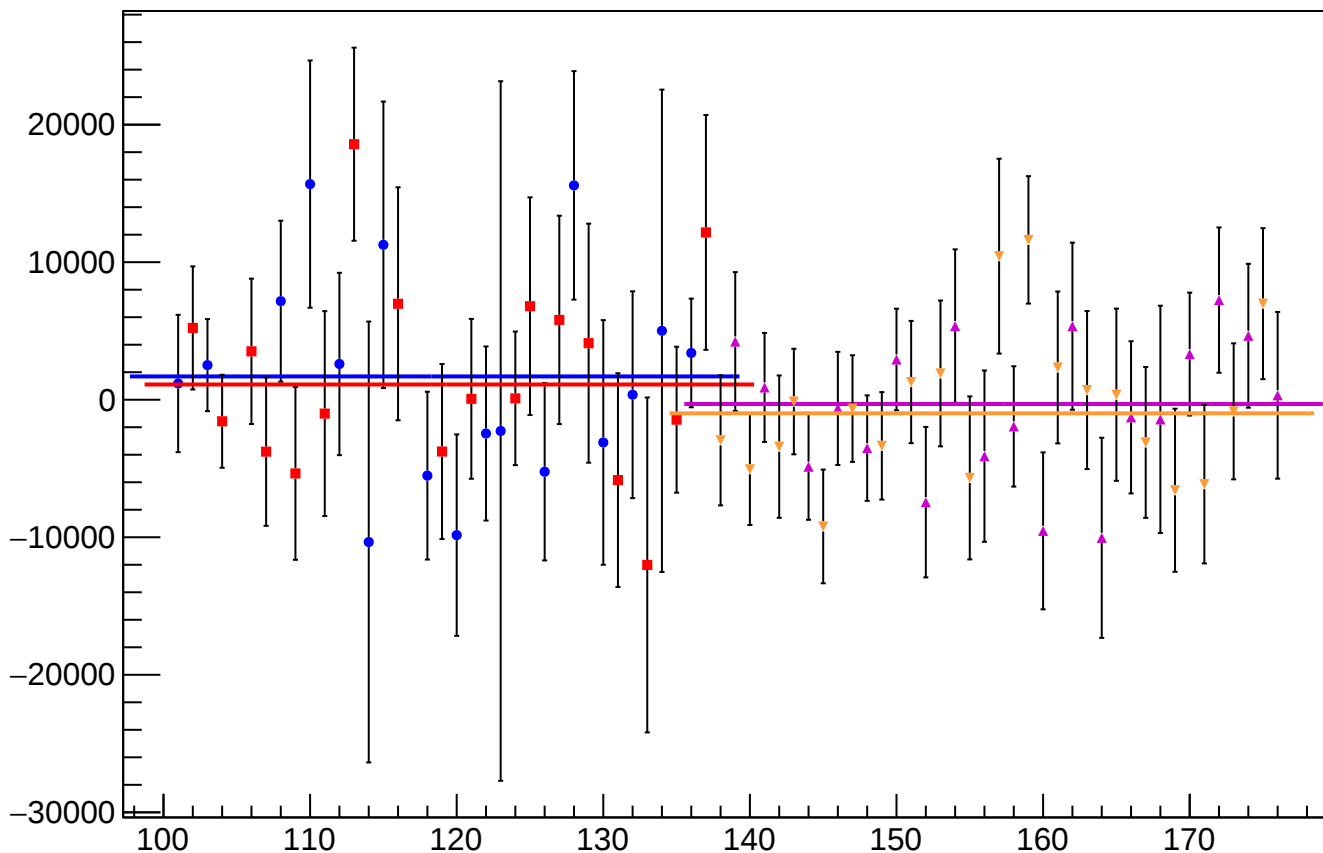
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1906.076+/-0.292 χ^2/NDF : 640519.4/35

Out: 1913.101+/-0.289 χ^2/NDF : 260589.2/37

All: 1909.624+/-0.206 χ^2/NDF : 901400.5/73

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -988.242+/-1092.972 χ^2/NDF : 21.4/19

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

Left In: -311.433+/-1126.621 χ^2/NDF : 15.9/18

Left: -660.095+/-784.474 χ^2/NDF : 37.6/38

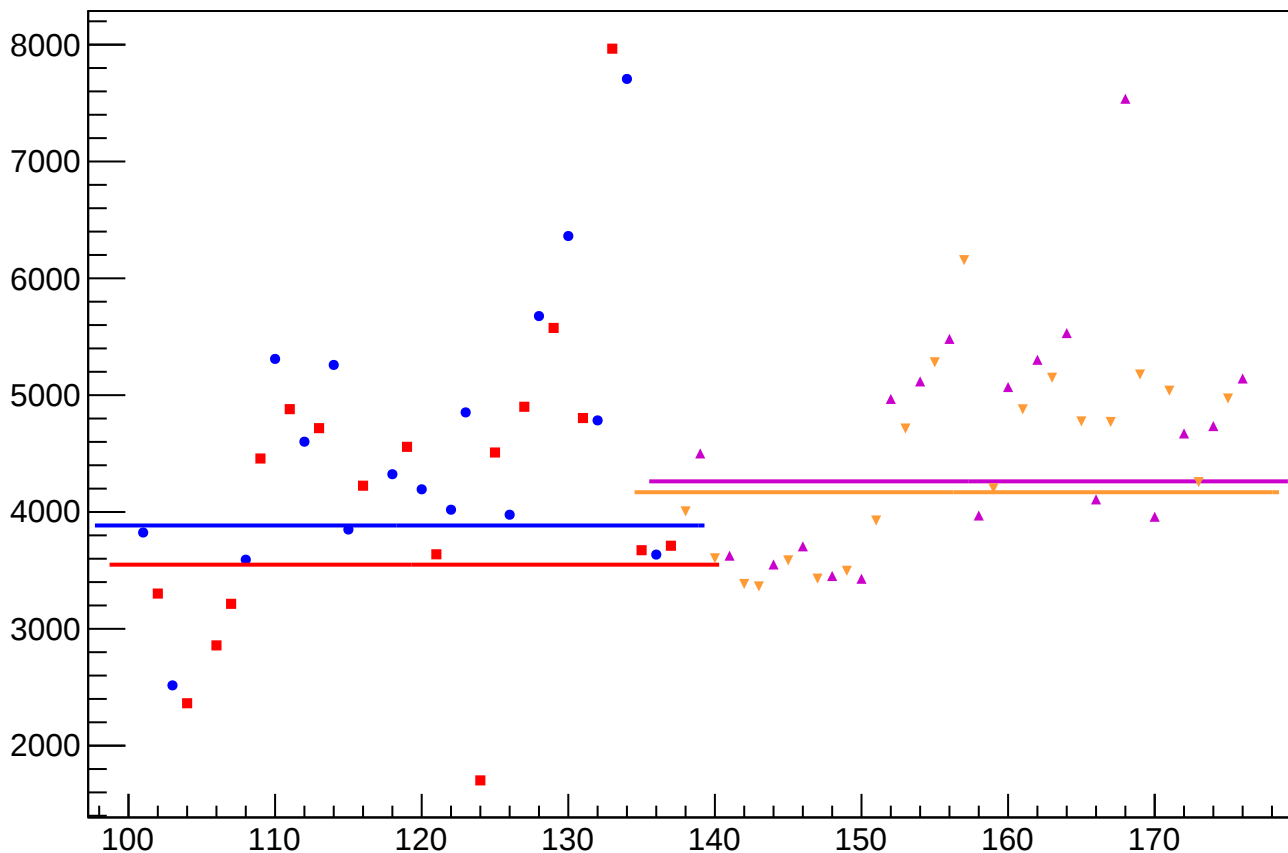
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 380.667+/-911.715 χ^2/NDF : 30.7/35

Out: -203.347+/-864.455 χ^2/NDF : 38.7/37

All: 73.131+/-627.304 χ^2/NDF : 69.6/73

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4169.309+/-0.773 χ^2/NDF : 882956.6/19

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

Left In: 4262.219+/-0.797 χ^2/NDF : 1072522.4/18

Left: 4214.356+/-0.555 χ^2/NDF : 1962486.1/38

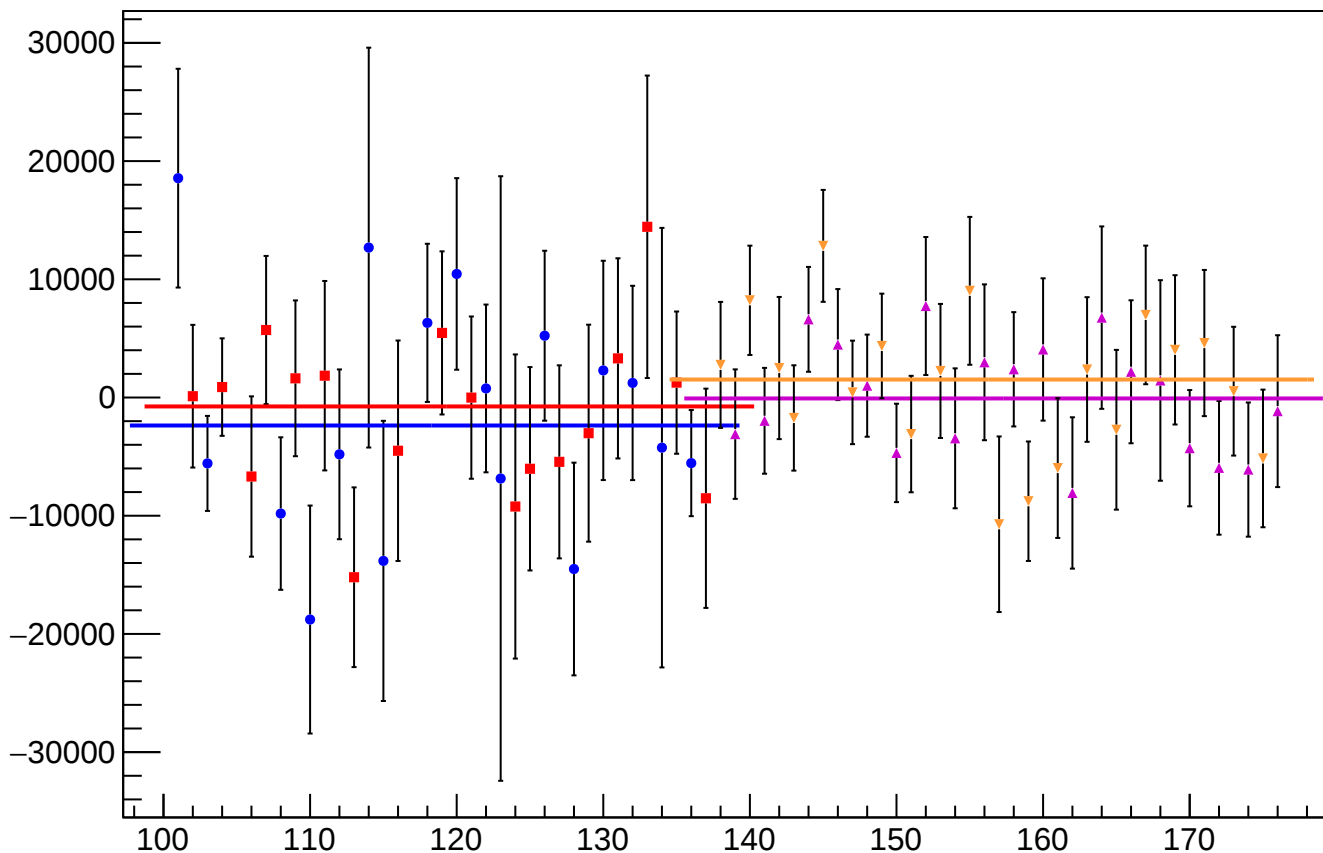
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 4131.897+/-0.645 χ^2/NDF : 1976629.5/35

Out: 3937.088+/-0.611 χ^2/NDF : 2451021.6/37

All: 4029.313+/-0.444 χ^2/NDF : 4475735.2/73

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1521.549 $\pm$ 1209.355 χ^2 /NDF:22.7/19

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

Left In: -79.520 $\pm$ 1238.138 χ^2 /NDF:13.5/18

Left: 739.840 $\pm$ 865.140 χ^2 /NDF: 37.1/38

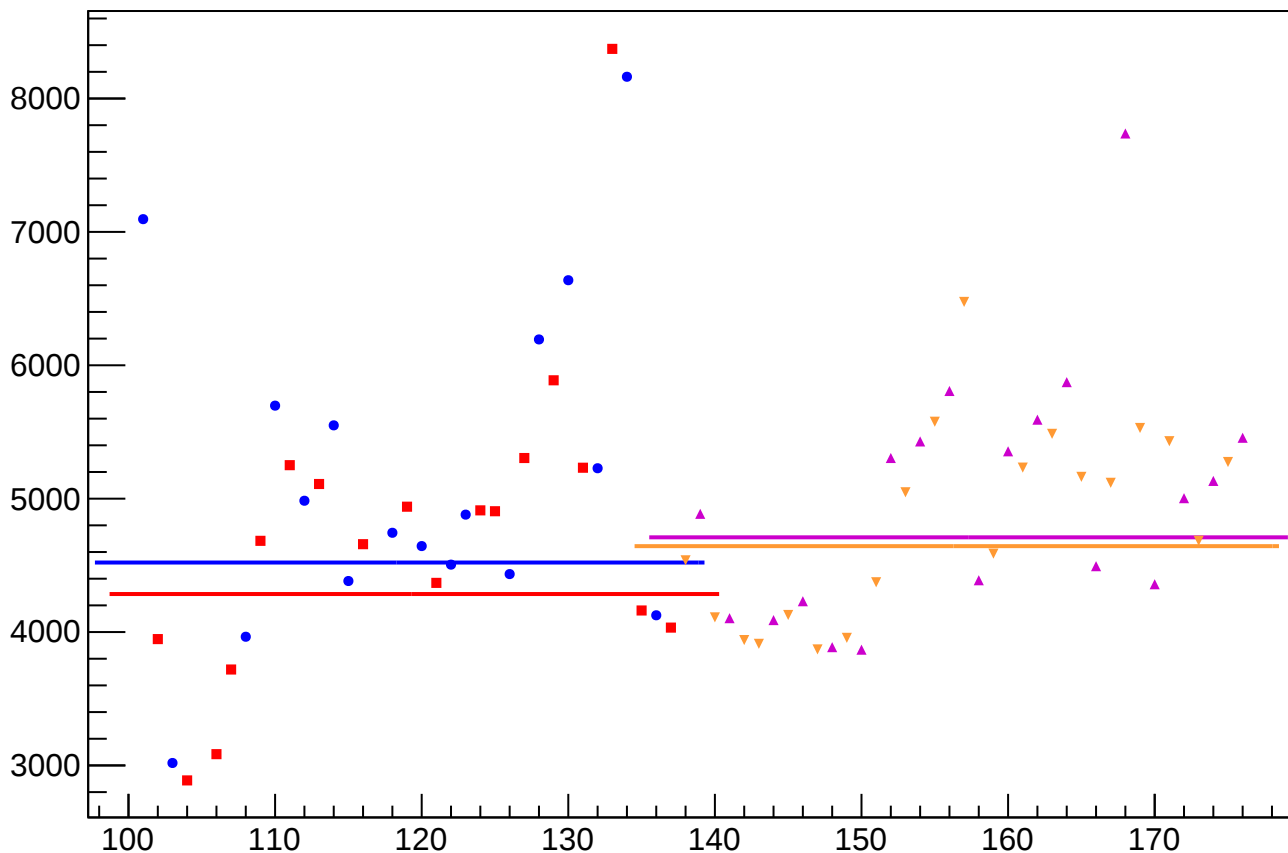
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -813.305 $\pm$ 1020.462 χ^2 /NDF:34.8/35

Out: 752.192 $\pm$ 984.094 χ^2 /NDF:34.4/37

All: -2.164 $\pm$ 708.368 χ^2 /NDF: 70.4/73

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4644.016+/-0.855 χ^2/NDF : 603931.9/19

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

Left In: 4710.140+/-0.875 χ^2/NDF : 785264.8/18

Left: 4676.300+/-0.612 χ^2/NDF : 1392116.0/38

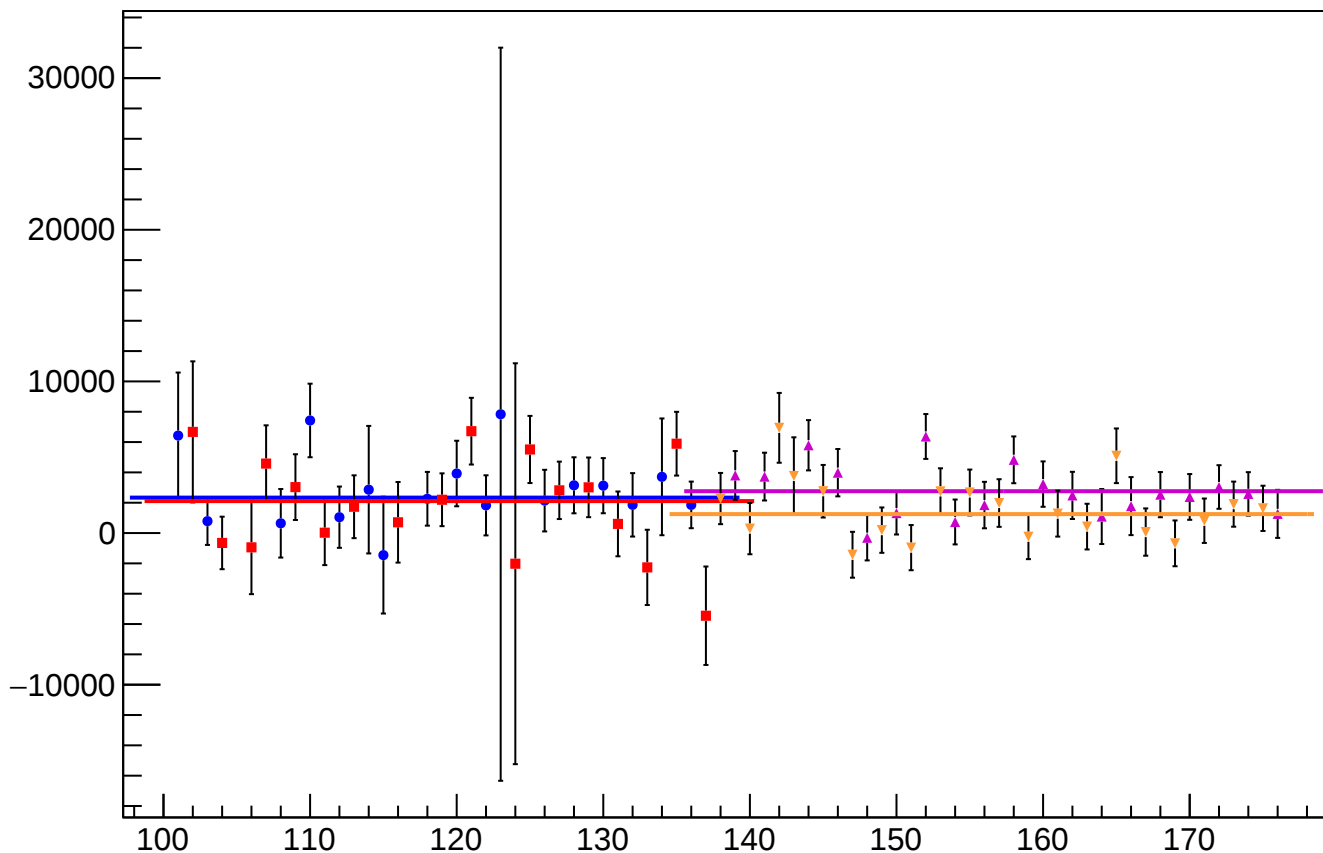
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4649.555+/-0.722 χ^2/NDF : 1578871.6/35

Out: 4521.853+/-0.695 χ^2/NDF : 1410297.1/37

All: 4583.267+/-0.500 χ^2/NDF : 3005426.7/73

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: 1249.150 $\pm$ 357.068 χ^2/NDF : 24.9/19

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

Left In: 2759.875 $\pm$ 354.194 χ^2/NDF : 22.3/18

Left: 2010.617 $\pm$ 251.463 χ^2/NDF : 56.2/38

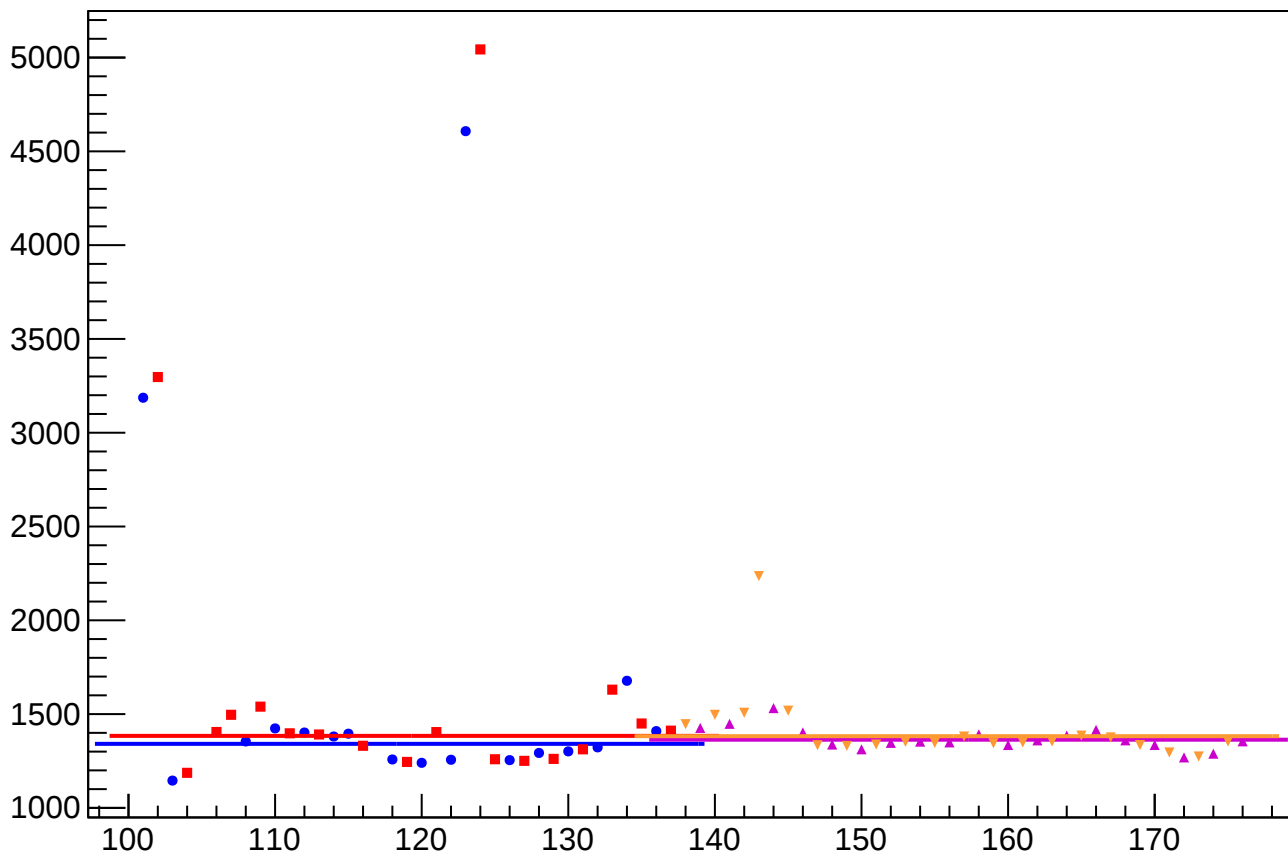
Right: 2223.866 $\pm$ 378.529 χ^2/NDF : 36.1/34

In: 2629.698 $\pm$ 294.680 χ^2/NDF : 32.3/35

Out: 1510.422 $\pm$ 297.777 χ^2/NDF : 53.0/37

All: 2075.911 $\pm$ 209.457 χ^2/NDF : 92.5/73

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: 1382.225+/-0.252 χ^2/NDF : 285792.6/19

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

Left In: 1363.503+/-0.250 χ^2/NDF : 52413.5/18

Left: 1372.788+/-0.178 χ^2/NDF : 340977.6/38

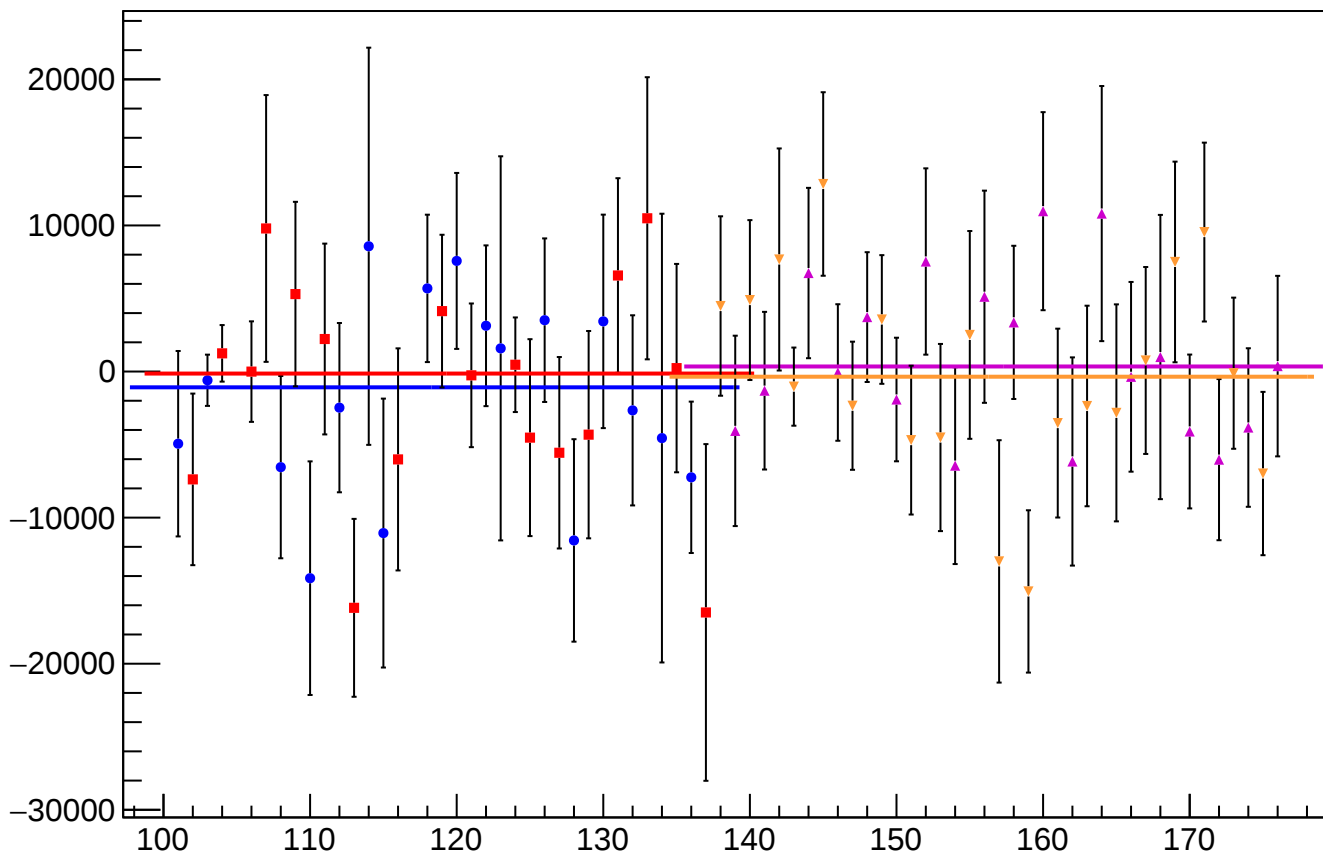
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1356.691+/-0.208 χ^2/NDF : 559088.6/35

Out: 1382.740+/-0.211 χ^2/NDF : 879652.5/37

All: 1369.581+/-0.148 χ^2/NDF : 1446474.8/73

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040+/-1212.382 χ^2/NDF : 15.0/16

Left Out: -354.503+/-1212.233 χ^2/NDF : 24.6/19

Right Out: -138.838+/-1129.319 χ^2/NDF : 18.0/17

Left In: 345.980+/-1336.803 χ^2/NDF : 13.1/18

Left: -38.412+/-897.996 χ^2/NDF : 37.8/38

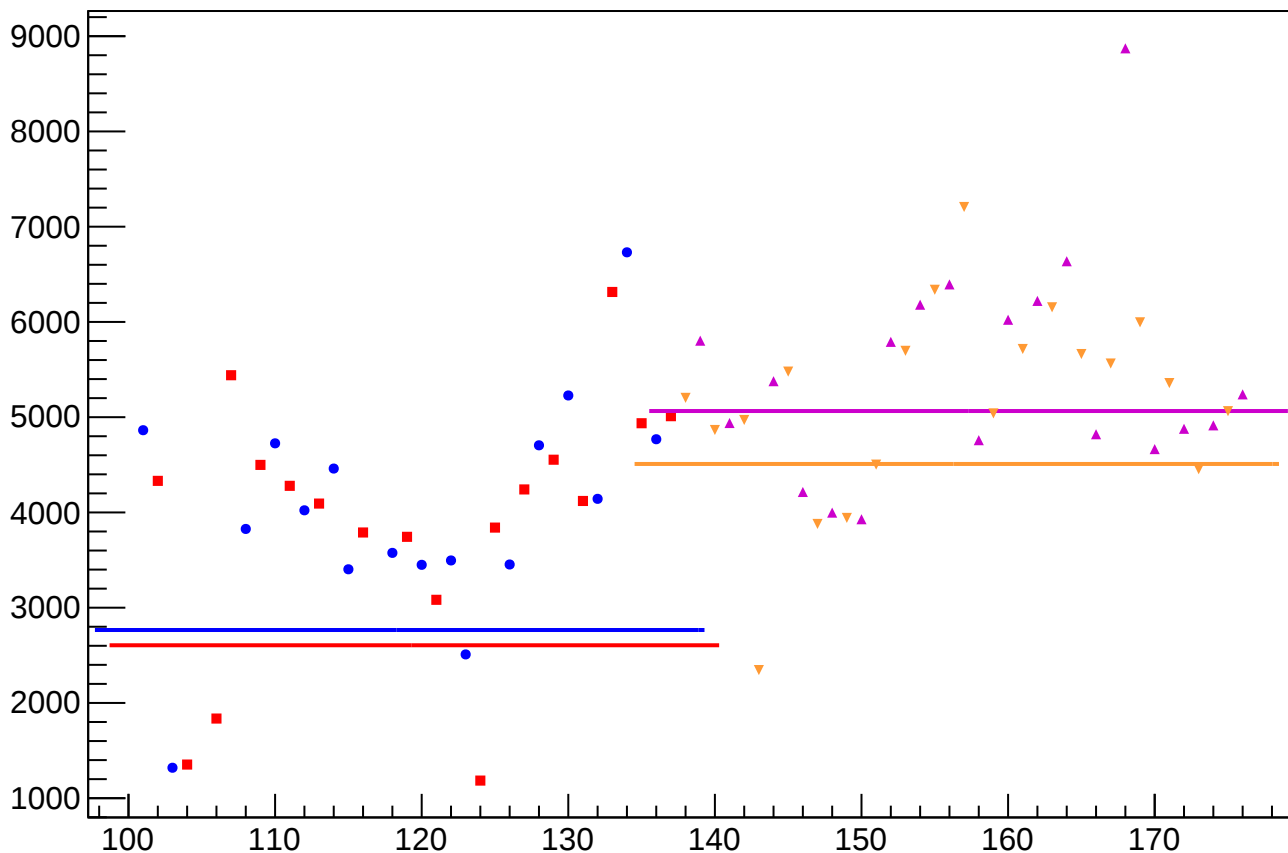
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -437.014+/-898.057 χ^2/NDF : 28.7/35

Out: -239.043+/-826.308 χ^2/NDF : 42.6/37

All: -329.806+/-608.073 χ^2/NDF : 71.3/73

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4508.970 $\pm$ 0.857 χ^2 /NDF: 2342628.7/19

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5064.726 $\pm$ 0.945 χ^2 /NDF: 996586.8/18

Left: 4759.753 $\pm$ 0.635 χ^2 /NDF: 3528903.7/38

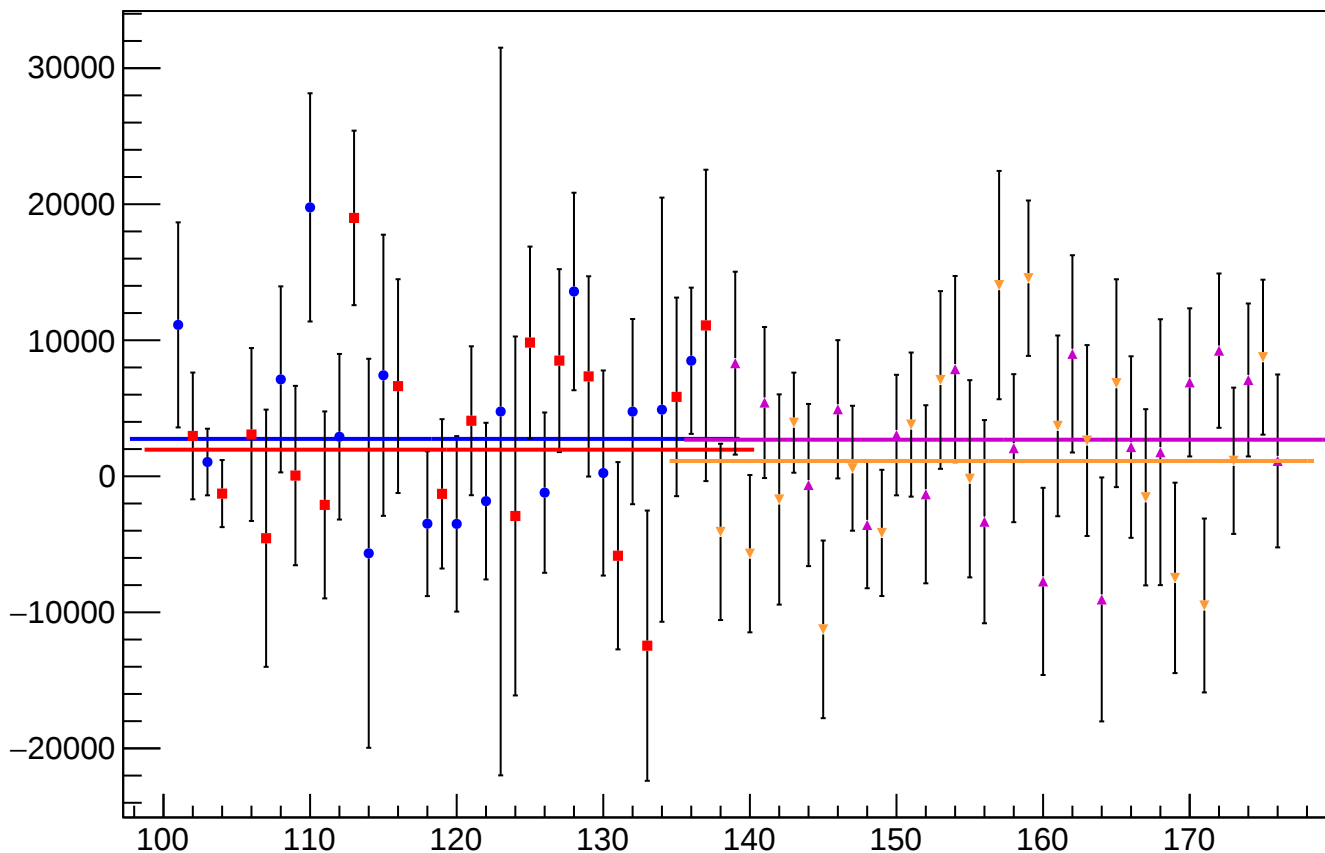
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3803.289 $\pm$ 0.635 χ^2 /NDF: 7181292.1/35

Out: 3489.932 $\pm$ 0.584 χ^2 /NDF: 8304864.7/37

All: 3633.595 $\pm$ 0.430 χ^2 /NDF: 15618021.6/74

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: 1126.337+/-1314.297 χ^2/NDF :23.7/19

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

Left In: 2689.644+/-1384.508 χ^2/NDF :12.3/18

Left: 1867.348+/-953.203 χ^2/NDF : 36.6/38

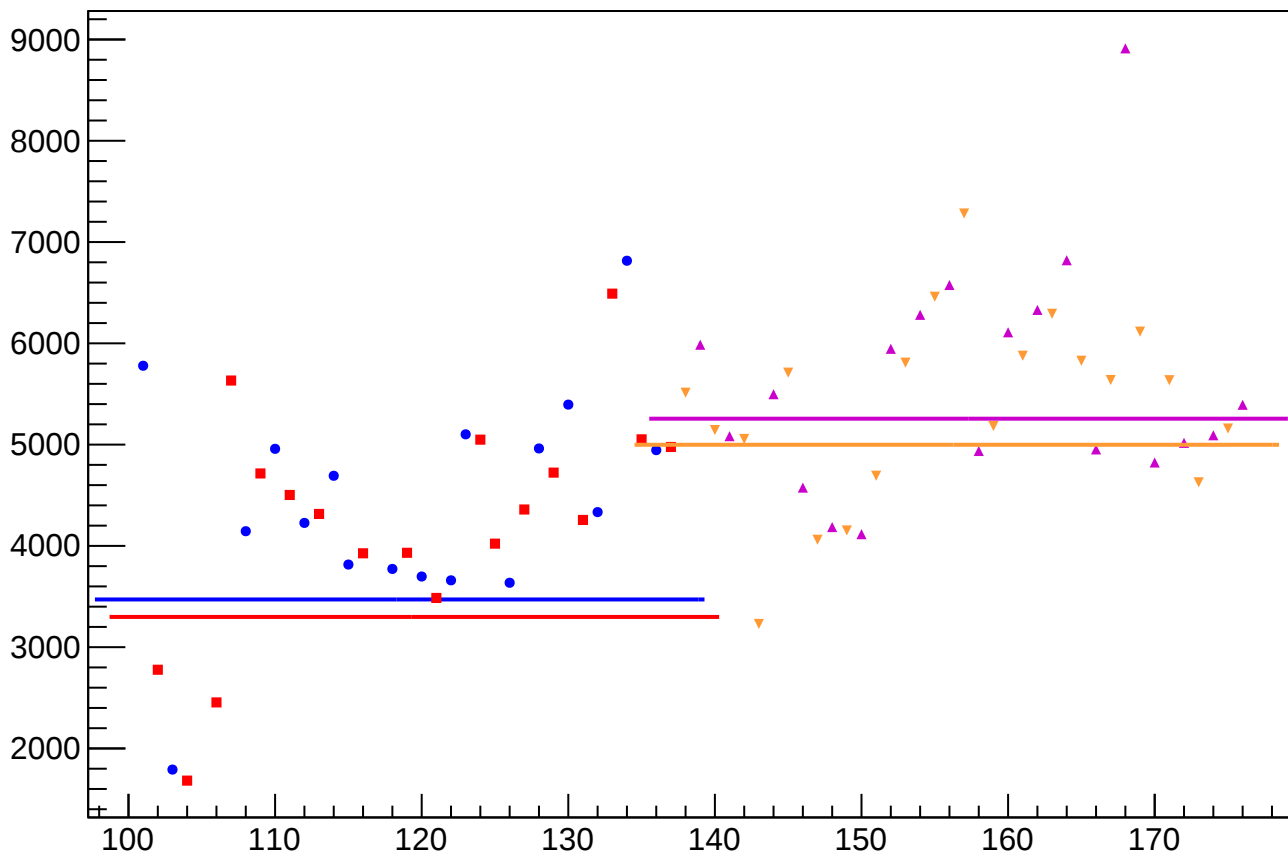
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2717.676+/-1000.238 χ^2/NDF :26.0/35

Out: 1519.624+/-953.136 χ^2/NDF :41.6/37

All: 2089.778+/-690.020 χ^2/NDF : 68.4/73

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: 4998.451+/-0.929 χ^2/NDF : 1147038.0/19

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

Left In: 5255.964+/-0.979 χ^2/NDF : 877836.7/18

Left: 5120.513+/-0.674 χ^2/NDF : 2061267.9/38

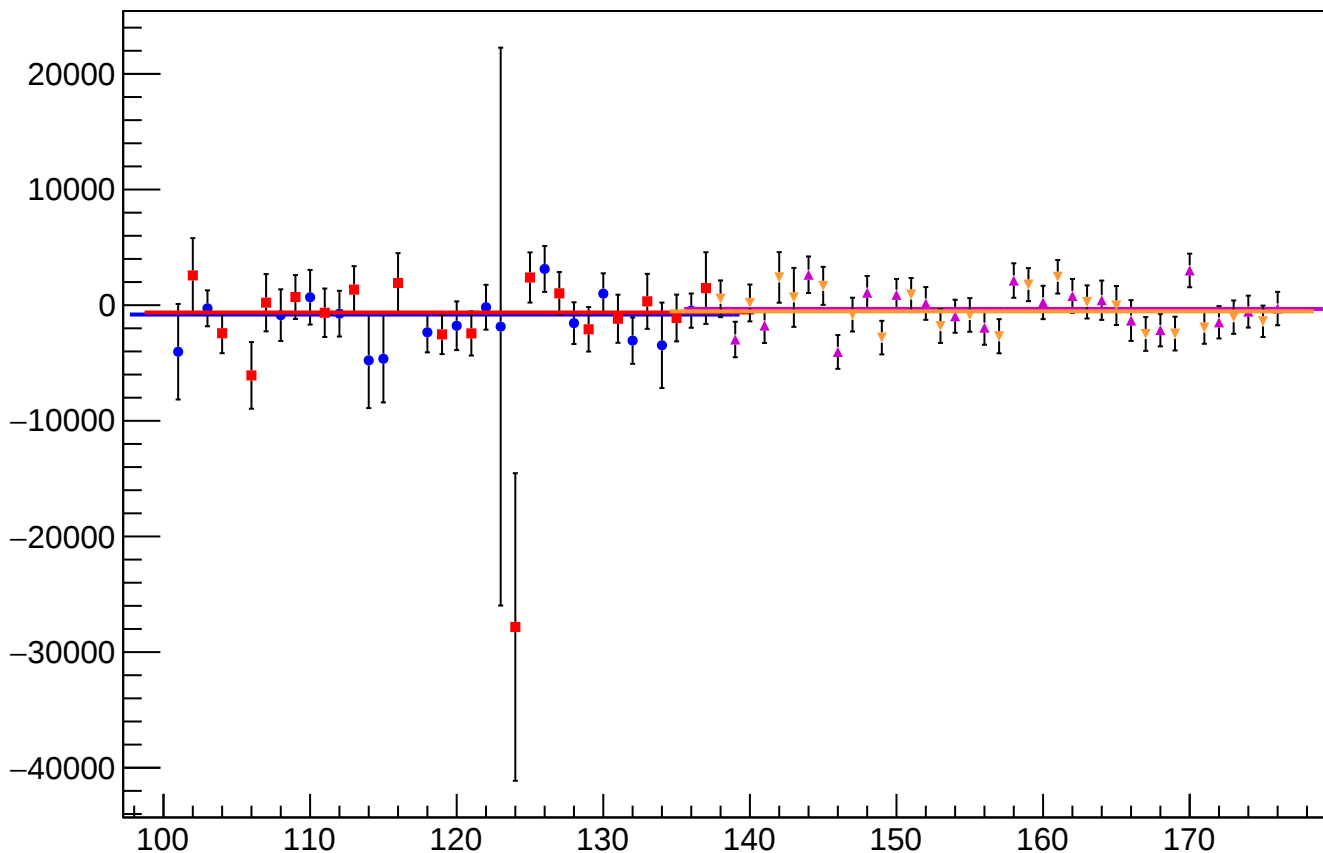
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4402.686+/-0.707 χ^2/NDF : 4234720.0/35

Out: 4184.804+/-0.671 χ^2/NDF : 4634368.4/37

All: 4288.019+/-0.487 χ^2/NDF : 8919033.9/73

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: -533.701+/-340.499 χ^2/NDF :23.3/19

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

Left In: -326.836+/-337.918 χ^2/NDF :28.8/18

Left: -429.481+/-239.851 χ^2/NDF : 52.2/38

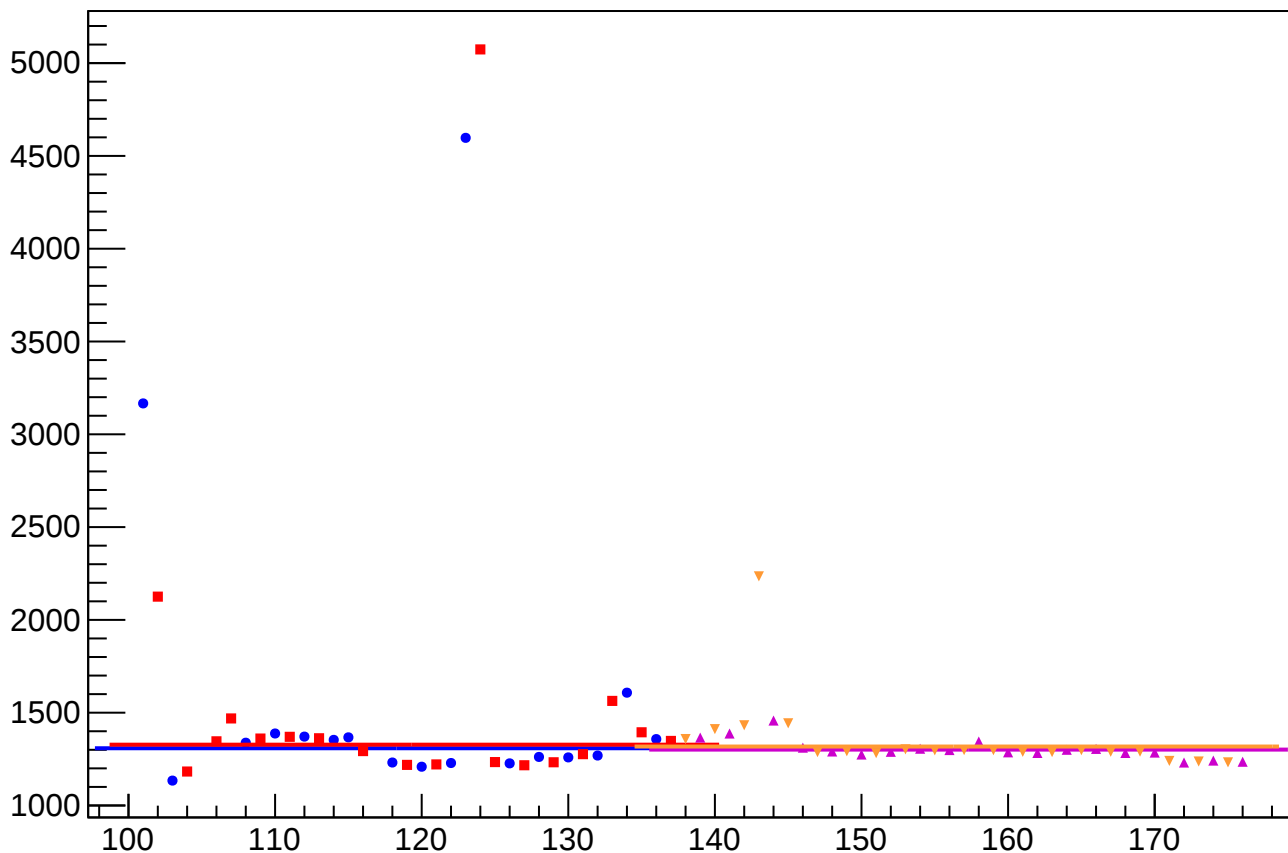
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -470.703+/-283.052 χ^2/NDF :40.5/35

Out: -563.196+/-284.020 χ^2/NDF :41.9/37

All: -516.792+/-200.489 χ^2/NDF : 82.5/73

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1317.630+/-0.241 χ^2/NDF : 311998.2/19

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1301.110+/-0.239 χ^2/NDF : 46496.4/18

Left: 1309.307+/-0.170 χ^2/NDF : 360866.3/38

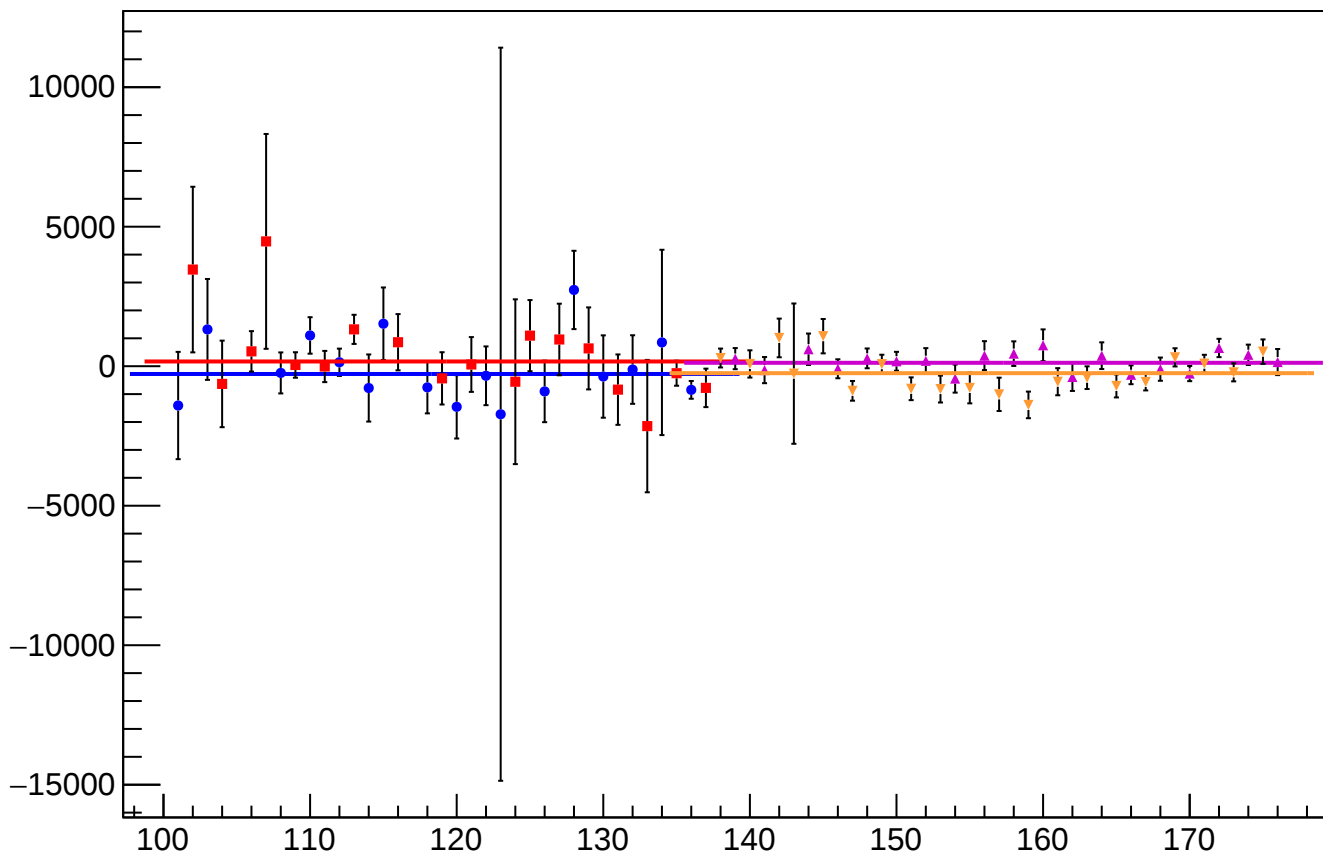
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1303.275+/-0.200 χ^2/NDF : 553316.6/35

Out: 1320.677+/-0.201 χ^2/NDF : 669855.4/37

All: 1311.946+/-0.142 χ^2/NDF : 1226938.8/73

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -249.208 ± 92.657 $\chi^2/\text{NDF}: 36.7/19$

Right Out: 169.608 ± 192.488 $\chi^2/\text{NDF}: 14.4/17$

Left In: 122.002 ± 91.819 $\chi^2/\text{NDF}: 13.6/18$

Left: -61.916 ± 65.220 $\chi^2/\text{NDF}: 58.5/38$

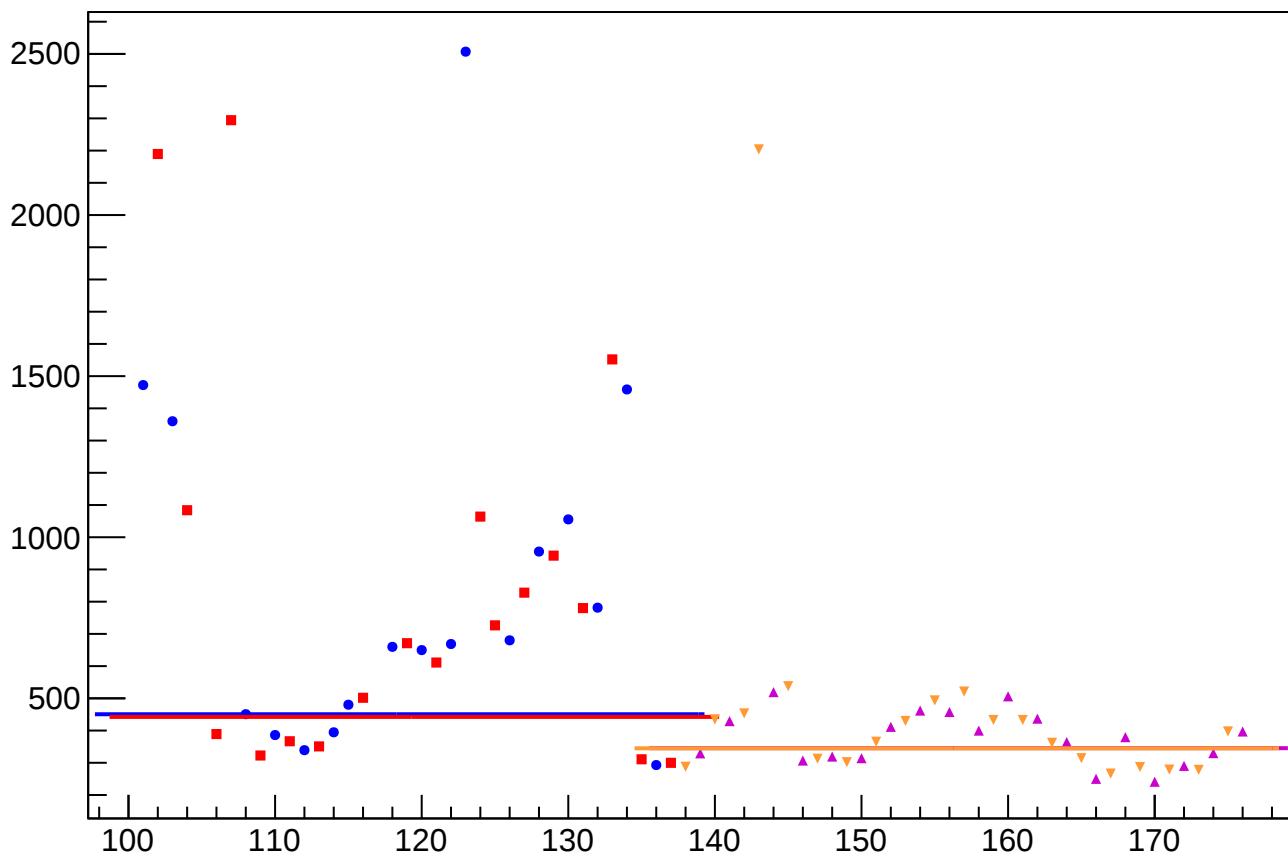
Right: -48.085 ± 138.058 $\chi^2/\text{NDF}: 35.0/34$

In: 51.153 ± 83.307 $\chi^2/\text{NDF}: 35.0/35$

Out: -170.419 ± 83.488 $\chi^2/\text{NDF}: 54.9/37$

All: -59.393 ± 58.971 $\chi^2/\text{NDF}: 93.5/73$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 344.912 $\pm$ 0.066 χ^2 /NDF: 2442750.6/19

Right Out: 442.368 $\pm$ 0.136 χ^2 /NDF: 3368329.0/17

Left In: 345.350 $\pm$ 0.065 χ^2 /NDF: 1366236.0/18

Left: 345.133 $\pm$ 0.046 χ^2 /NDF: 3809009.2/38

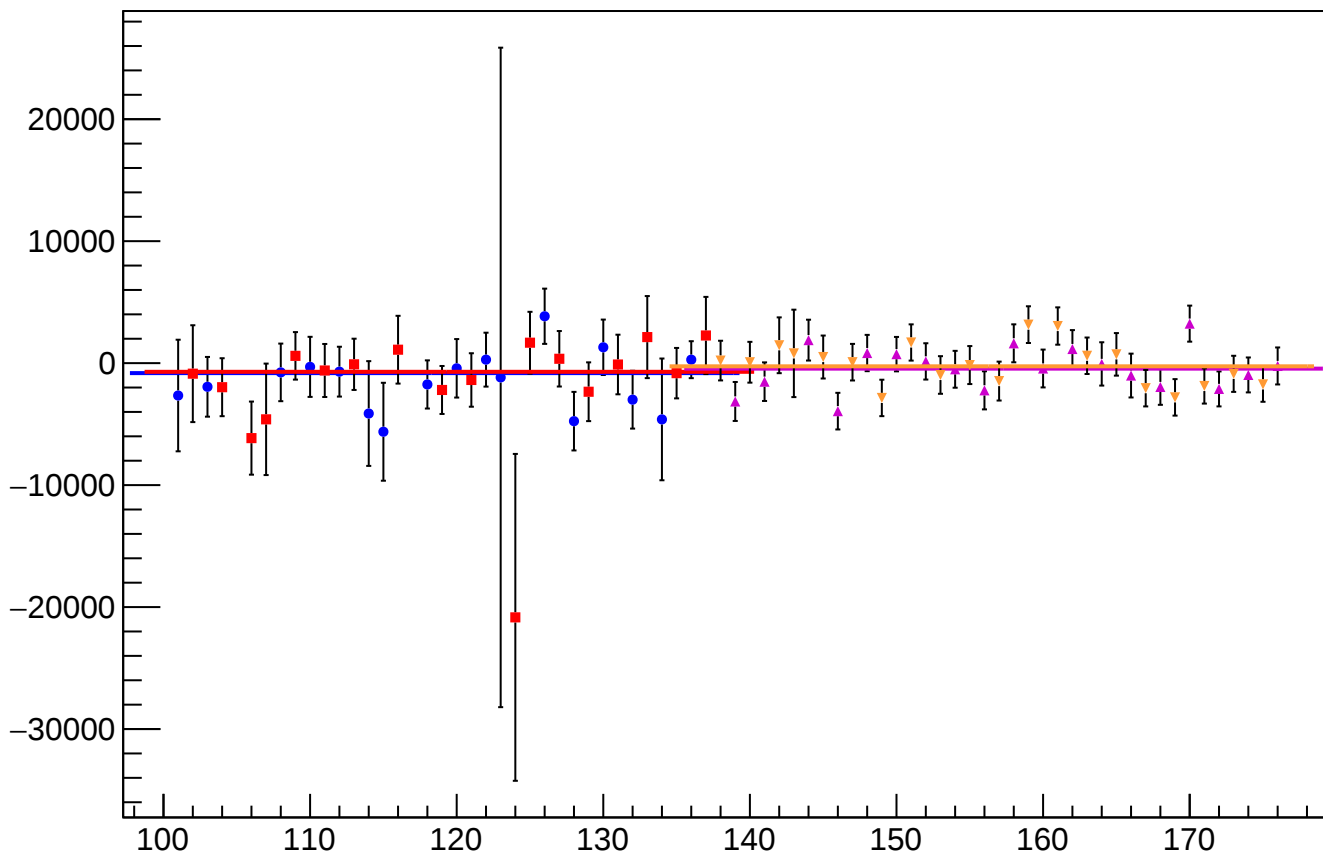
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 363.958 $\pm$ 0.059 χ^2 /NDF: 4828560.3/35

Out: 363.245 $\pm$ 0.059 χ^2 /NDF: 6227306.5/37

All: 363.603 $\pm$ 0.042 χ^2 /NDF: 11055939.8/73

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: -260.544+/-356.556 χ^2/NDF :23.9/19

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

Left In: -450.557+/-352.457 χ^2/NDF :25.3/18

Left: -356.649+/-250.662 χ^2/NDF : 49.3/38

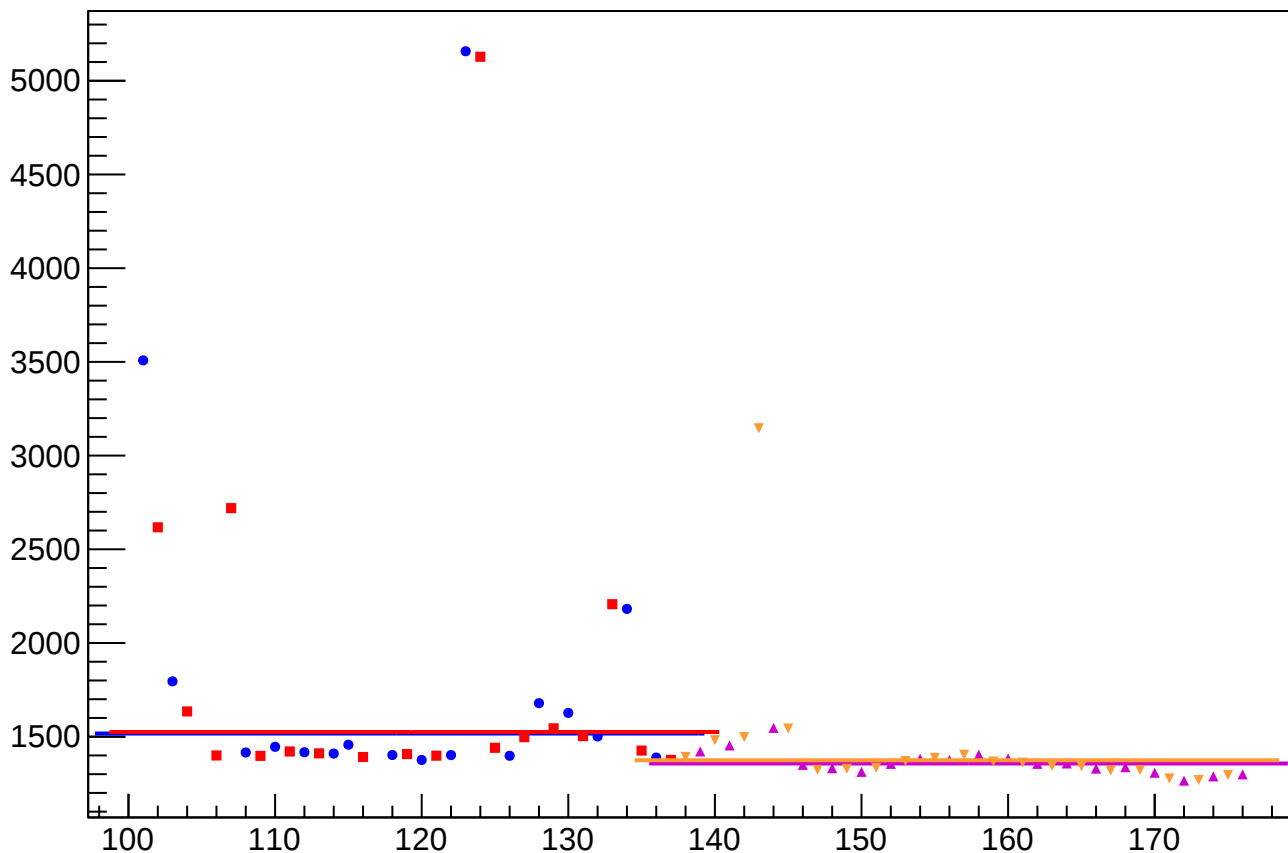
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -544.327+/-304.051 χ^2/NDF :38.3/35

Out: -379.151+/-305.989 χ^2/NDF :35.7/37

All: -462.264+/-215.679 χ^2/NDF : 74.1/73

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Left: 1365.525+/-0.177 χ^2/NDF : 623507.4/38

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

In: 1397.866+/-0.215 χ^2/NDF : 707503.1/35

Out: 1414.052+/-0.216 χ^2/NDF : 1226260.6/37

All: 1405.908+/-0.153 χ^2/NDF : 1936579.6/73

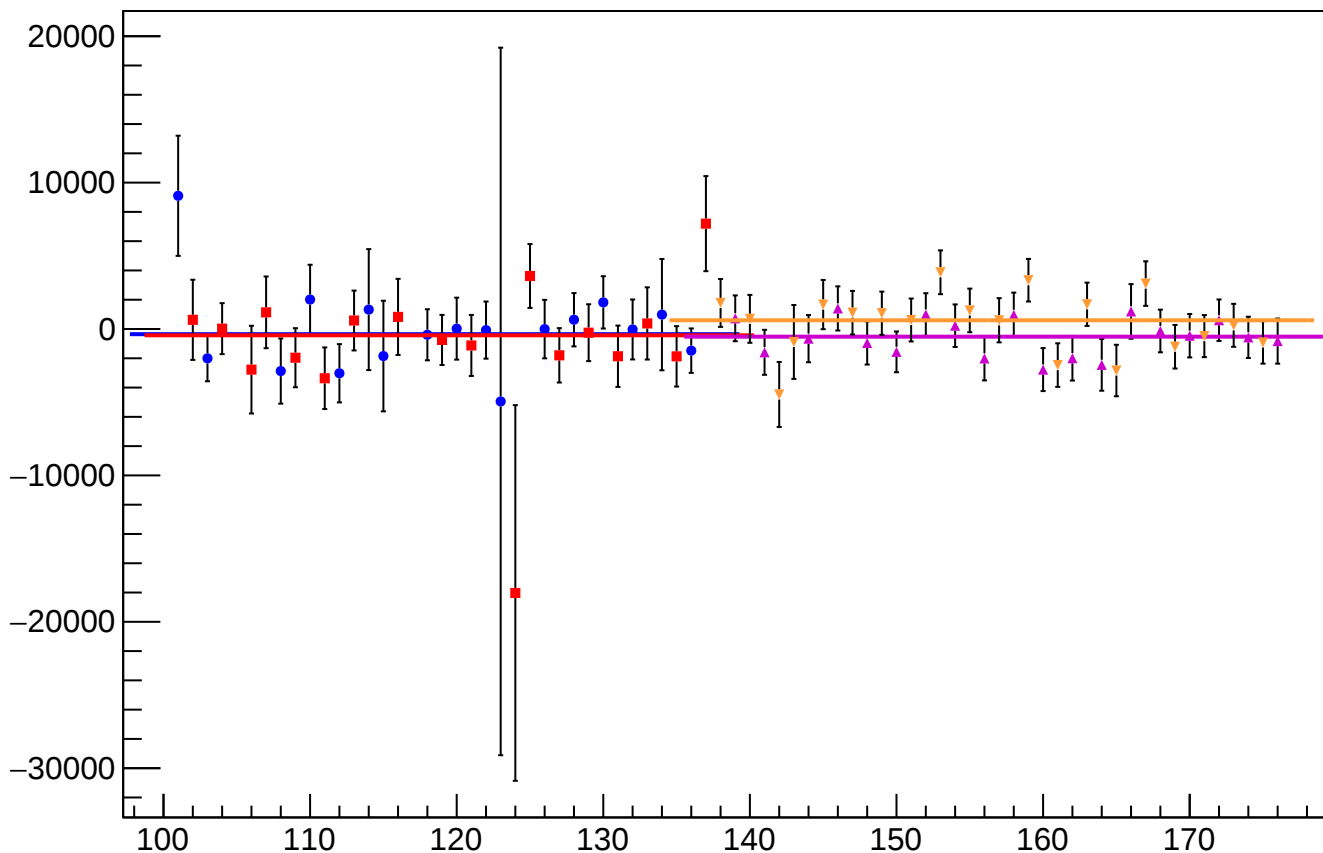
Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1374.316+/-0.252 χ^2/NDF : 560075.3/19

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

Left In: 1356.935+/-0.249 χ^2/NDF : 61028.5/18

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: 595.734+/-349.513 χ^2/NDF : 29.8/19

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

Left In: -523.321+/-346.968 χ^2/NDF : 12.8/18

Left: 32.119+/-246.238 χ^2/NDF : 47.7/38

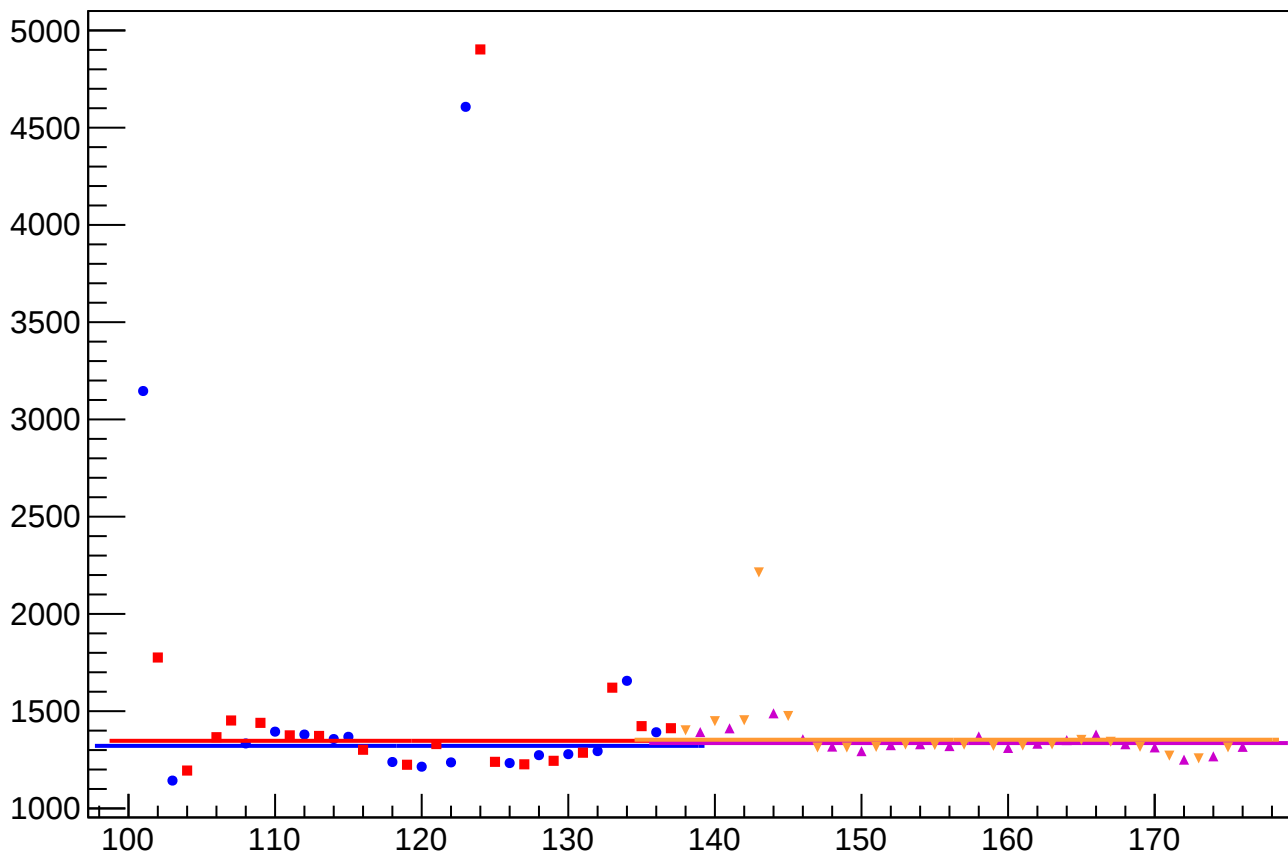
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -471.353+/-289.183 χ^2/NDF : 26.2/35

Out: 278.770+/-290.482 χ^2/NDF : 49.3/37

All: -97.973+/-204.941 χ^2/NDF : 78.8/73

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1353.226 $\pm$ 0.247 χ^2 /NDF: 281481.9/19

Right Out: 1347.646 $\pm$ 0.369 χ^2 /NDF: 286301.2/17

Left In: 1336.029 $\pm$ 0.245 χ^2 /NDF: 43839.9/18

Left: 1344.565 $\pm$ 0.174 χ^2 /NDF: 327760.4/38

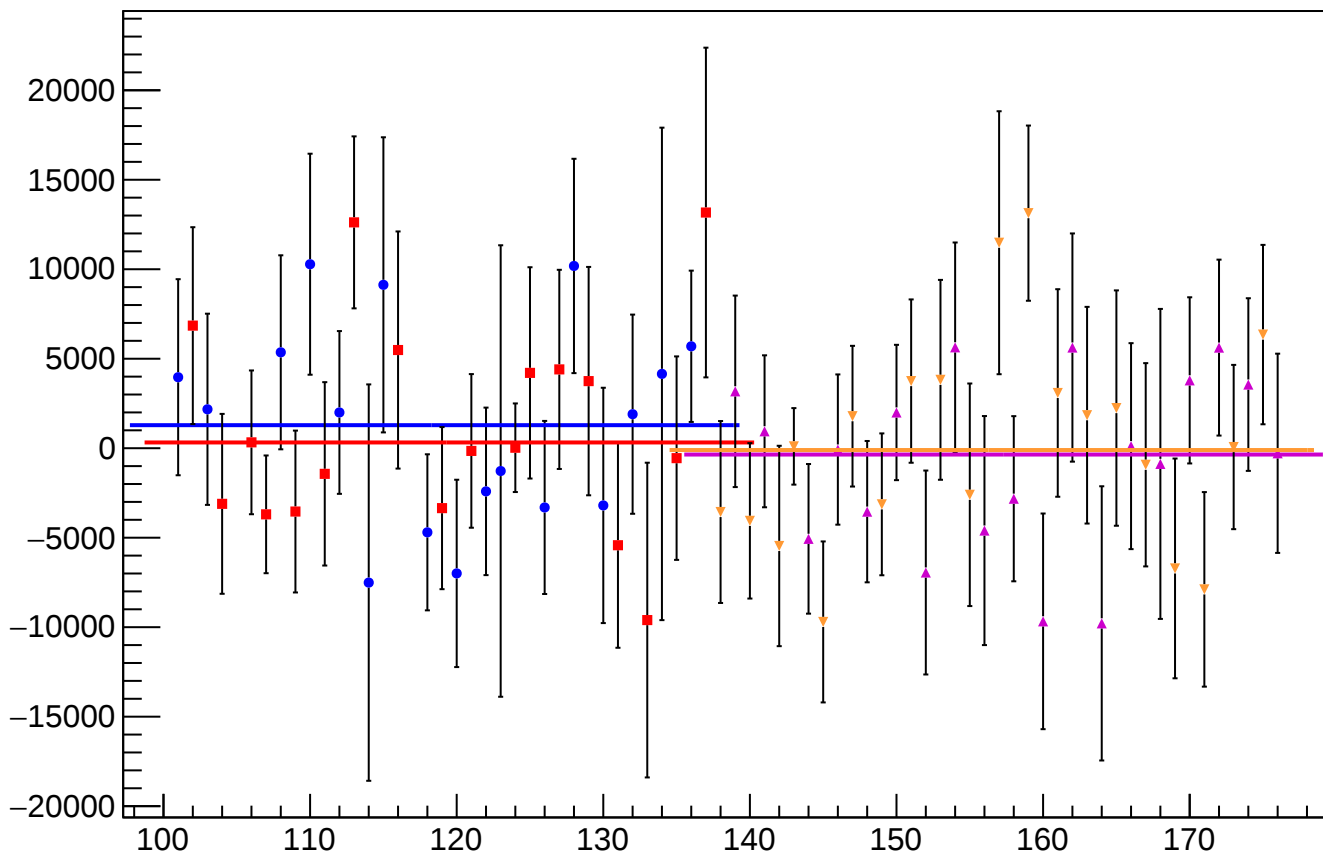
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1331.655 $\pm$ 0.204 χ^2 /NDF: 547126.9/35

Out: 1351.499 $\pm$ 0.205 χ^2 /NDF: 567940.9/37

All: 1341.534 $\pm$ 0.145 χ^2 /NDF: 1119756.6/73

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: -101.738+/-1028.494 χ^2/NDF : 24.2/19

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

Left In: -353.427+/-1158.057 χ^2/NDF : 13.7/18

Left: -212.721+/-768.999 χ^2/NDF : 37.9/38

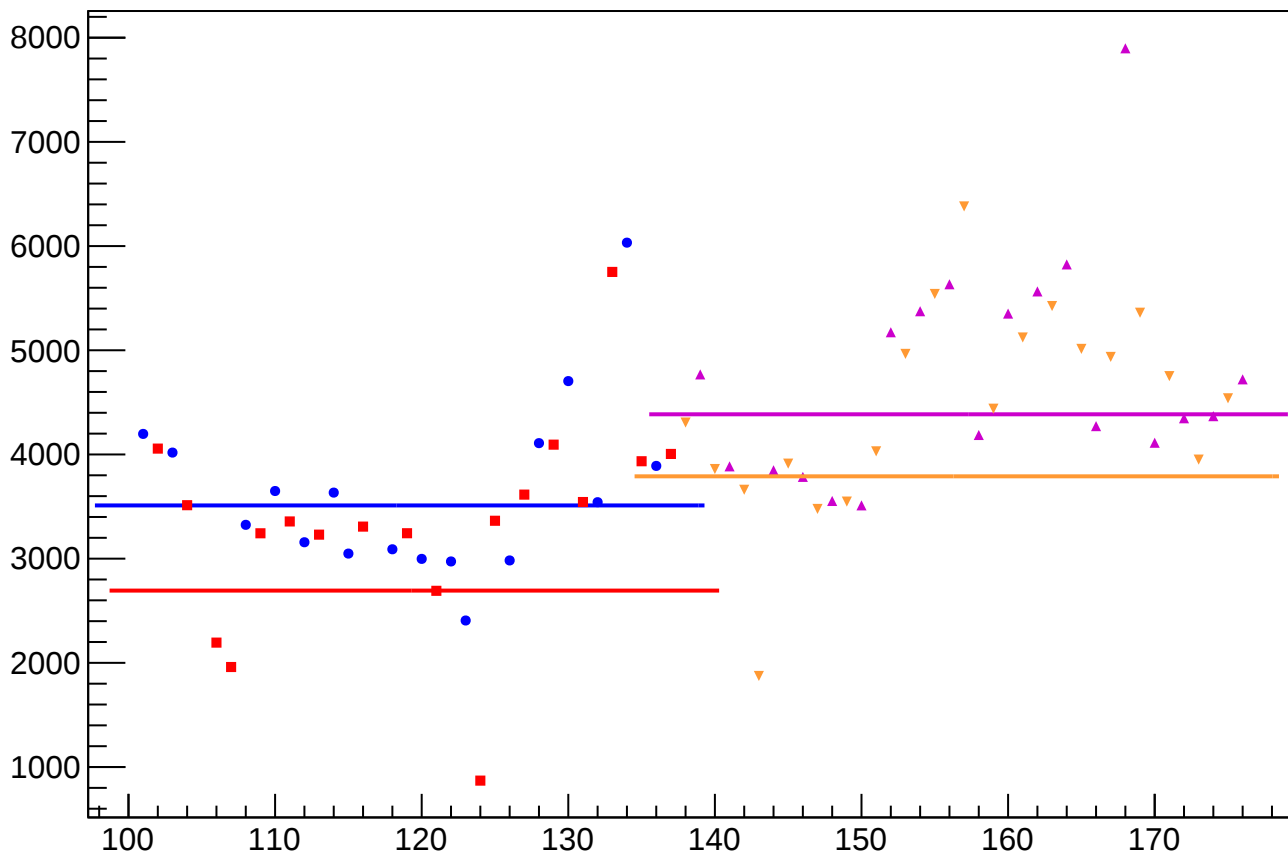
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 327.027+/-885.987 χ^2/NDF : 28.8/35

Out: 94.617+/-753.033 χ^2/NDF : 41.8/37

All: 192.092+/-573.784 χ^2/NDF : 70.7/73

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: 3790.145+/-0.727 χ^2/NDF : 2829333.5/19

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

Left In: 4385.499+/-0.819 χ^2/NDF : 1017116.5/18

Left: 4052.668+/-0.544 χ^2/NDF : 4141958.1/38

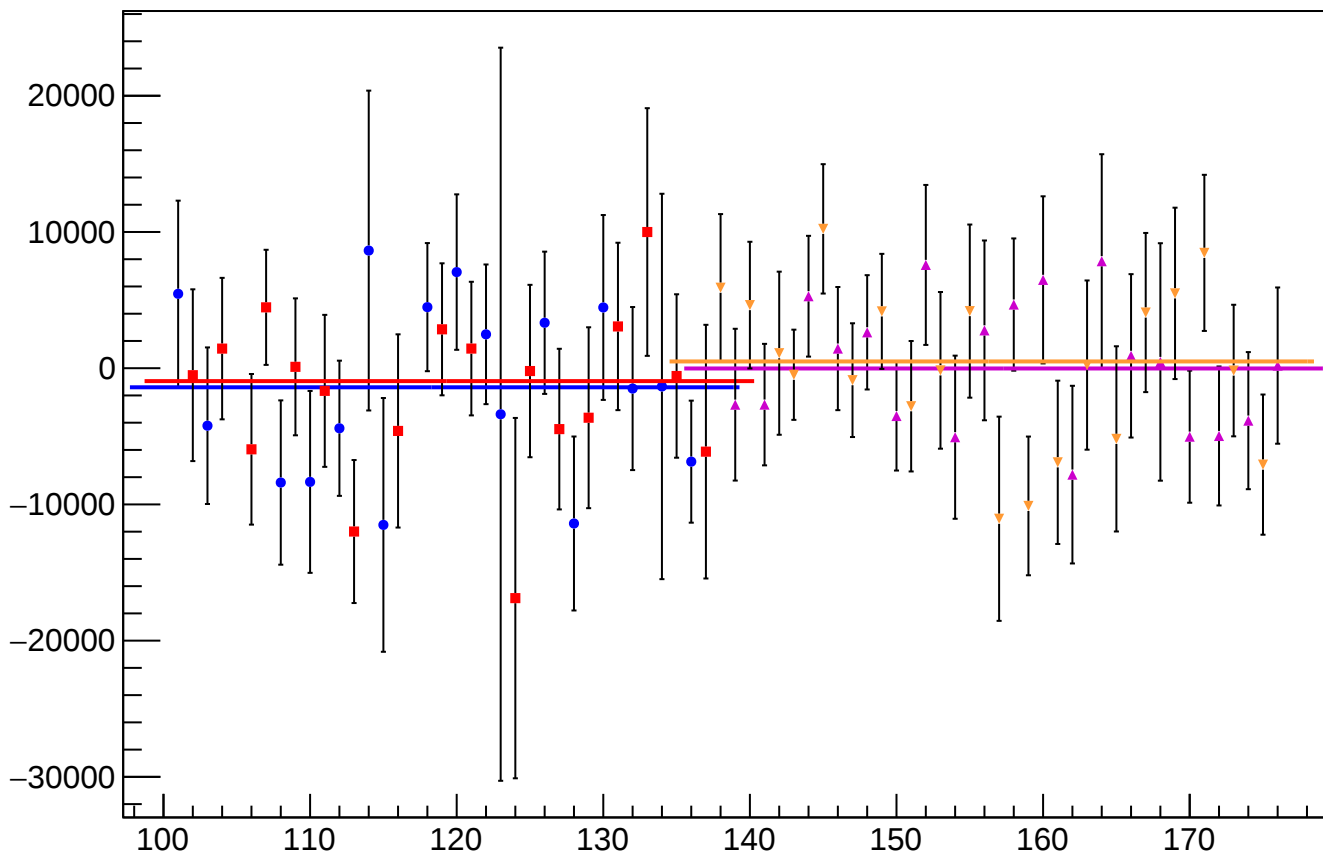
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 4022.780+/-0.626 χ^2/NDF : 1834321.2/35

Out: 3281.384+/-0.532 χ^2/NDF : 6010059.3/37

All: 3592.335+/-0.406 χ^2/NDF : 8657478.5/73

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 496.515 $\pm$ 1152.082 χ^2 /NDF:21.8/19

Right Out: -947.960 $\pm$ 1382.709 χ^2 /NDF: 12.5/17

Left In: -20.447 $\pm$ 1211.024 χ^2 /NDF:12.9/18

Left: 250.920 $\pm$ 834.705 χ^2 /NDF: 34.9/38

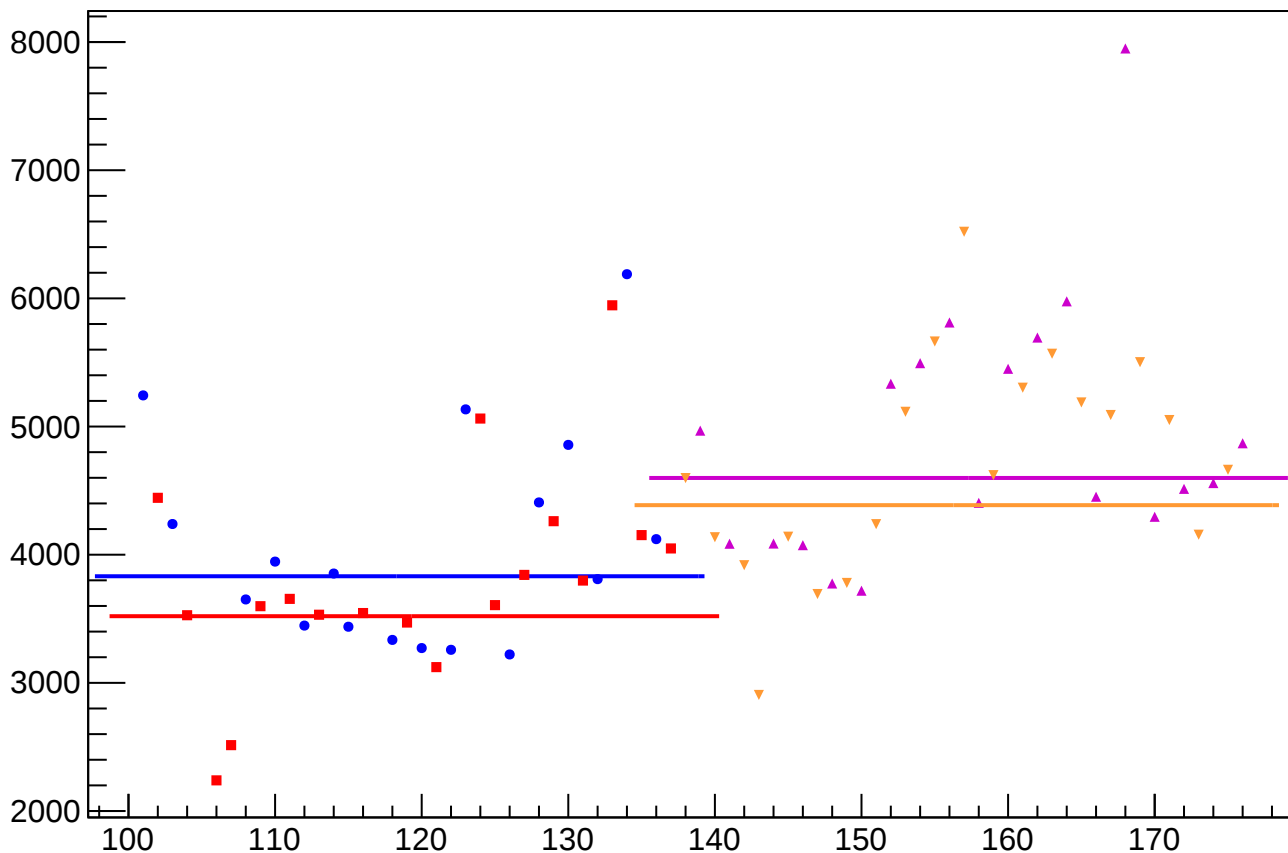
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -563.572 $\pm$ 943.289 χ^2 /NDF:29.3/35

Out: -95.376 $\pm$ 885.109 χ^2 /NDF:35.0/37

All: -314.591 $\pm$ 645.455 χ^2 /NDF: 64.3/73

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: 4386.563+/-0.815 χ^2/NDF : 1080069.2/19

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

Left In: 4598.770+/-0.856 χ^2/NDF : 875648.0/18

Left: 4487.377+/-0.590 χ^2/NDF : 1987953.4/38

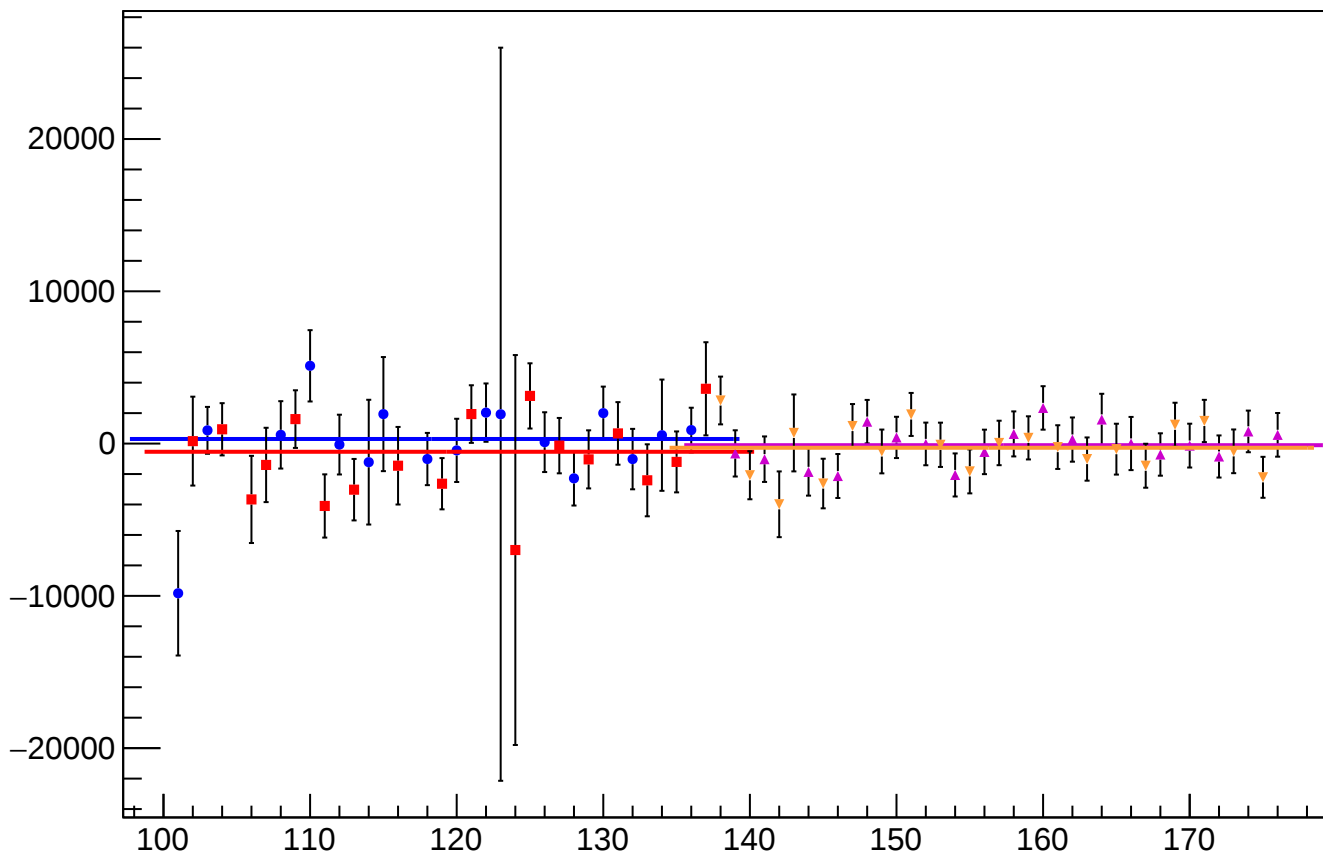
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4297.130+/-0.667 χ^2/NDF : 1528842.9/35

Out: 4027.702+/-0.624 χ^2/NDF : 2092698.3/37

All: 4153.345+/-0.455 χ^2/NDF : 3708618.4/73

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -274.785 ± 337.117 $\chi^2/\text{NDF}: 21.0/19$

Right Out: -537.727 ± 508.684 $\chi^2/\text{NDF}: 17.5/17$

Left In: -105.765 ± 334.580 $\chi^2/\text{NDF}: 12.5/18$

Left: -189.637 ± 237.476 $\chi^2/\text{NDF}: 33.6/38$

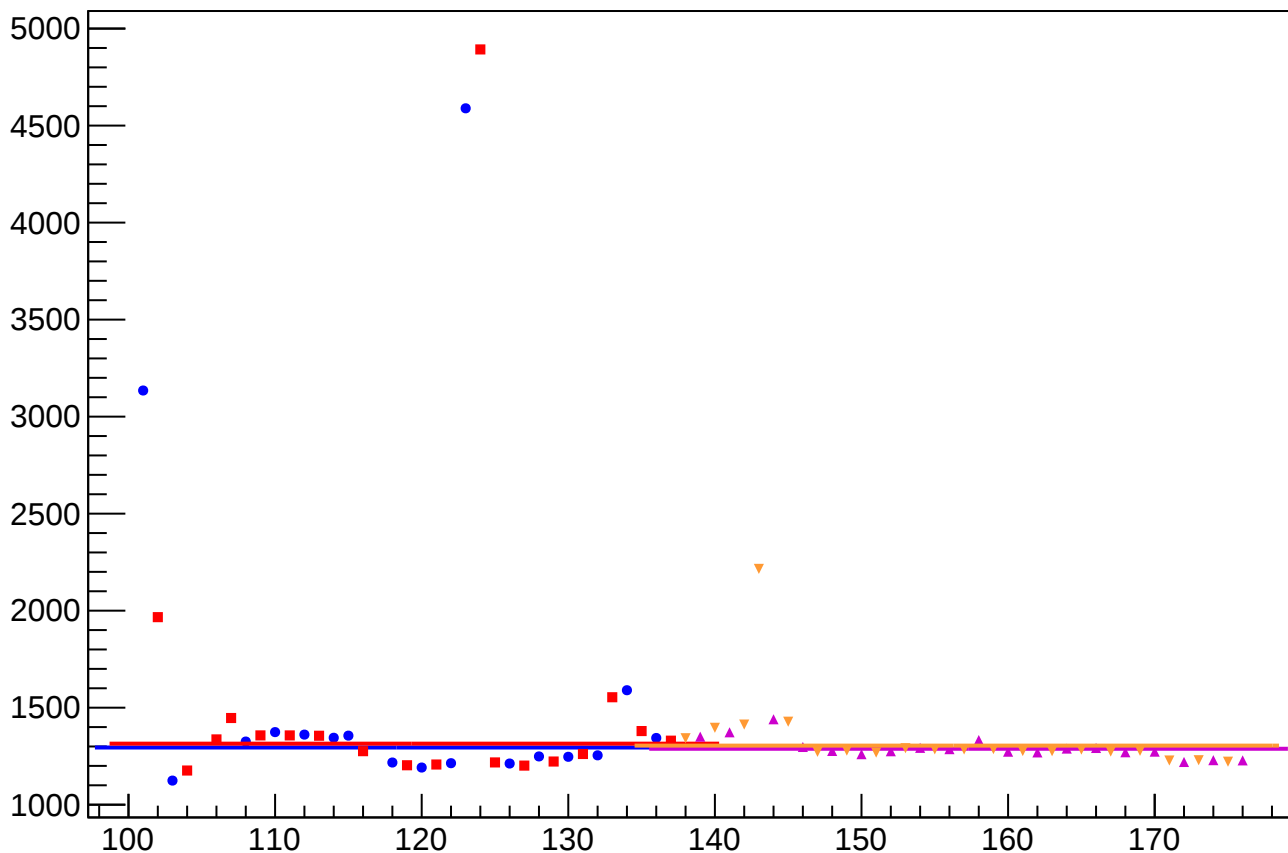
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: 15.969 ± 280.217 $\chi^2/\text{NDF}: 29.0/35$

Out: -355.027 ± 281.009 $\chi^2/\text{NDF}: 38.7/37$

All: -169.006 ± 198.423 $\chi^2/\text{NDF}: 68.5/73$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1304.491 $\pm$ 0.238 χ^2 /NDF: 311355.3/19

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1288.250 $\pm$ 0.237 χ^2 /NDF: 45077.1/18

Left: 1296.309 $\pm$ 0.168 χ^2 /NDF: 358770.8/38

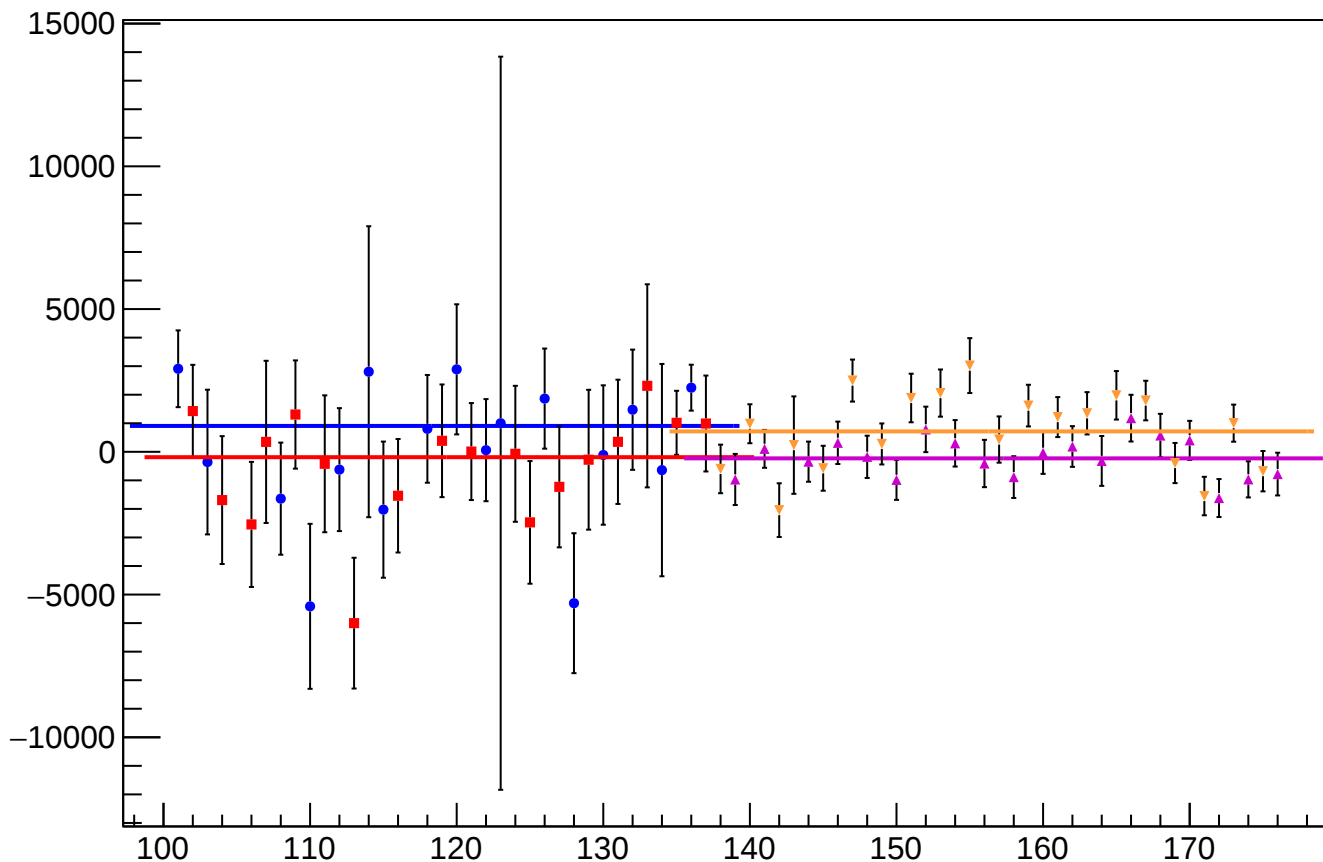
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1290.184 $\pm$ 0.198 χ^2 /NDF: 553105.0/35

Out: 1307.572 $\pm$ 0.199 χ^2 /NDF: 645741.6/37

All: 1298.854 $\pm$ 0.140 χ^2 /NDF: 1202686.0/73

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 715.398 $\pm$ 172.366 χ^2 /NDF:55.8/19

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -229.587 $\pm$ 169.853 χ^2 /NDF:17.2/18

Left: 235.966 $\pm$ 120.983 χ^2 /NDF: 88.2/38

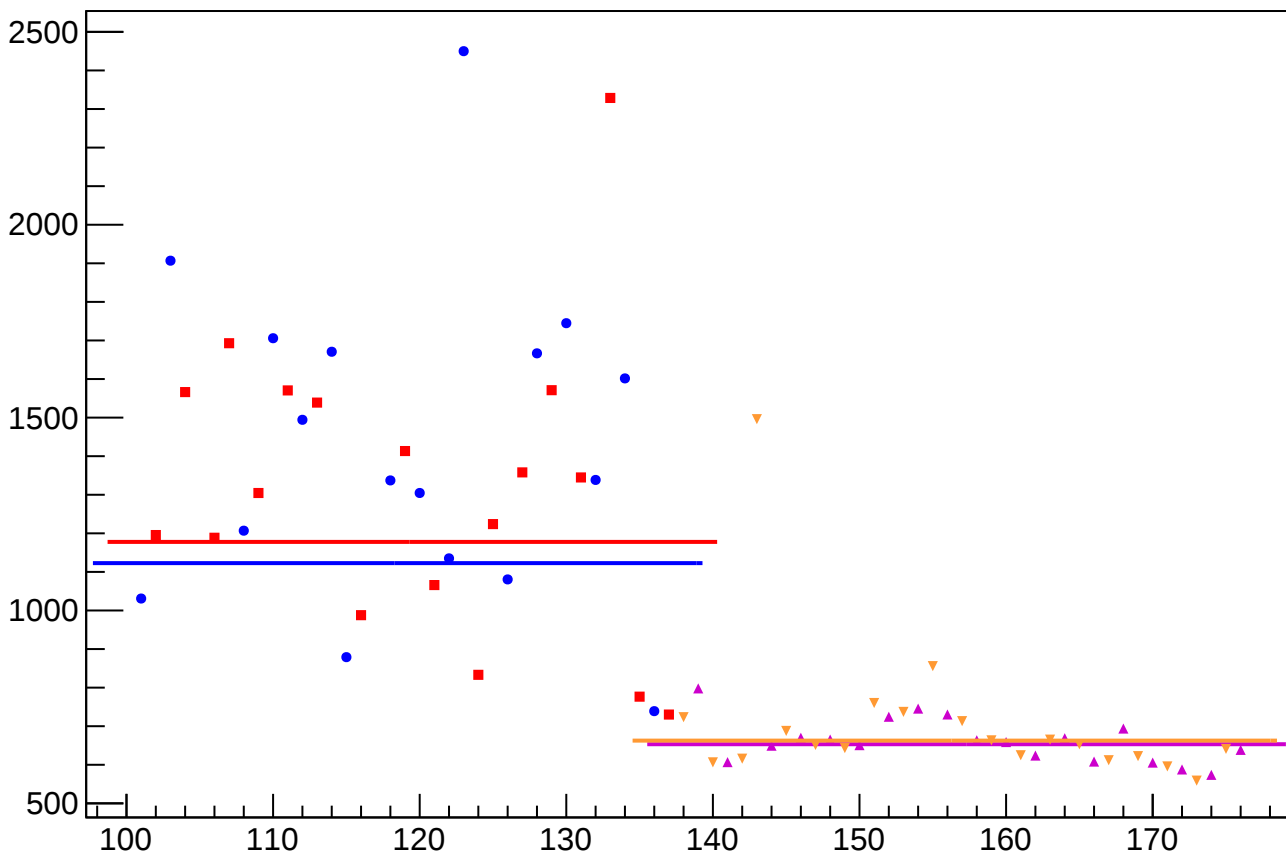
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -91.057 $\pm$ 159.163 χ^2 /NDF:44.6/35

Out: 606.051 $\pm$ 161.601 χ^2 /NDF:73.0/37

All: 252.199 $\pm$ 113.397 χ^2 /NDF: 127.0/73

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: 662.636+/-0.122 χ^2/NDF : 736429.9/19

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 653.297+/-0.120 χ^2/NDF : 200389.0/18

Left: 657.898+/-0.086 χ^2/NDF : 939797.2/38

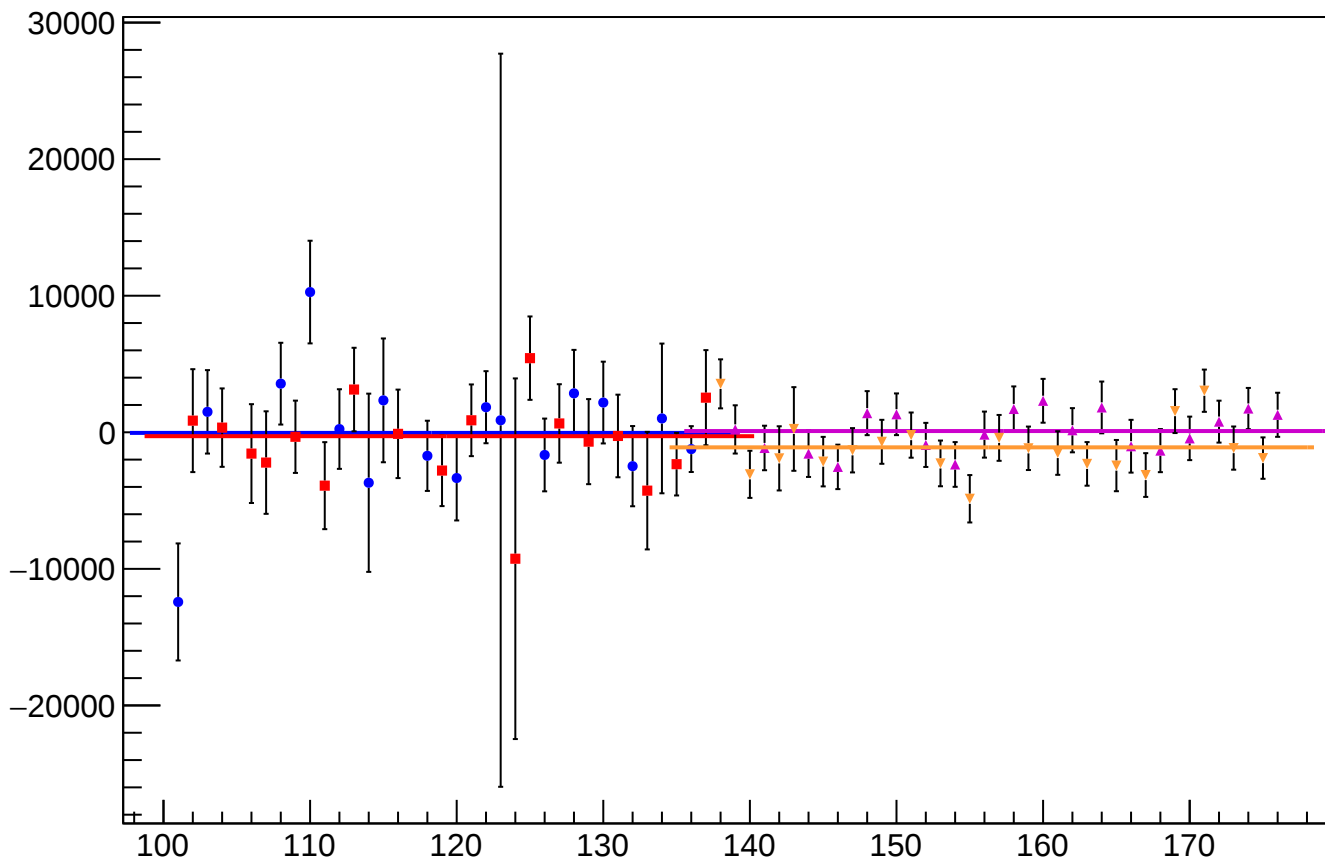
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 710.534+/-0.113 χ^2/NDF : 3251191.2/35

Out: 724.979+/-0.114 χ^2/NDF : 3920145.2/37

All: 717.647+/-0.080 χ^2/NDF : 7179448.3/73

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: -1102.306 ± 380.482 χ^2/NDF : 27.3/19

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: 91.103 ± 376.211 χ^2/NDF : 15.0/18

Left: -498.866 ± 267.519 χ^2/NDF : 47.3/38

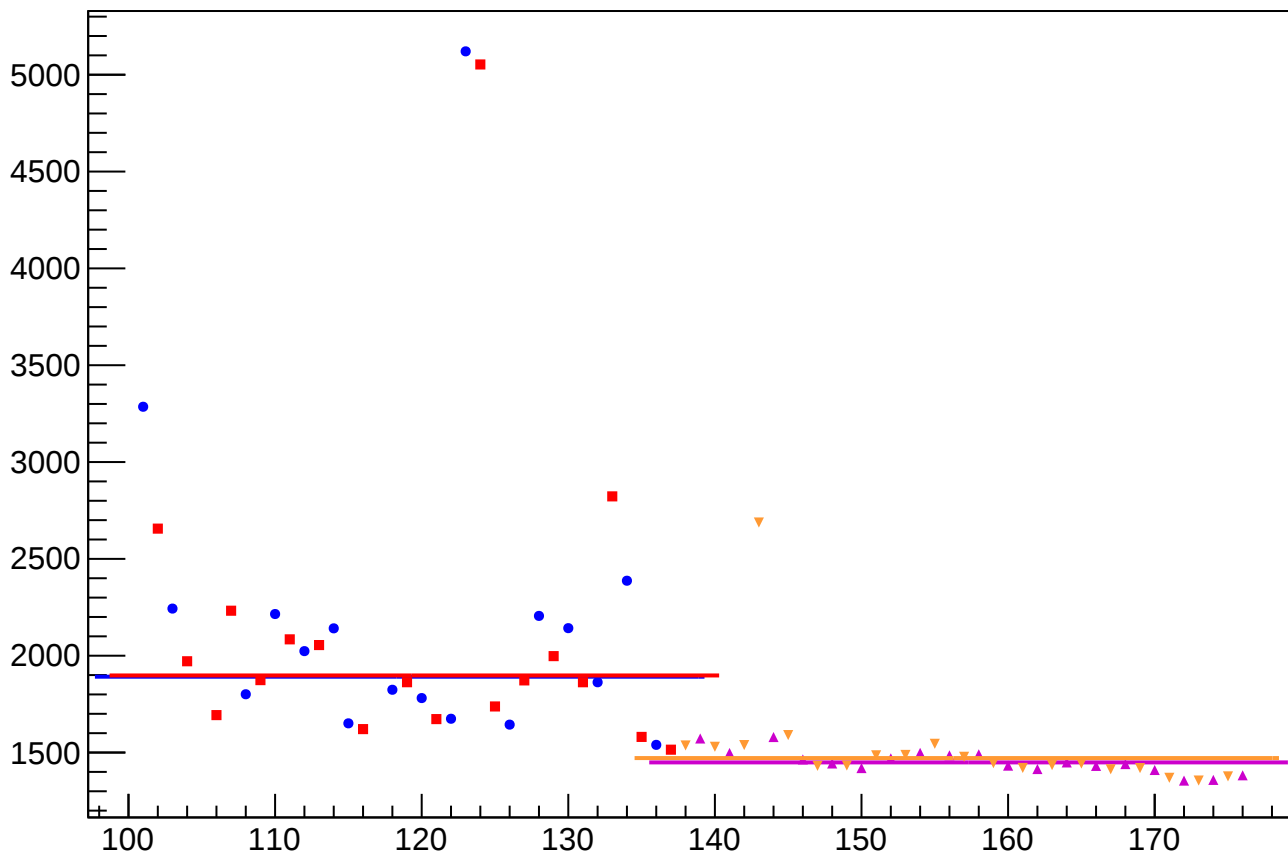
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: 63.729 ± 336.058 χ^2/NDF : 38.2/35

Out: -929.799 ± 337.931 χ^2/NDF : 38.9/37

All: -430.275 ± 238.288 χ^2/NDF : 81.5/73

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1471.408 $\pm$ 0.269 χ^2 /NDF: 372988.7/19

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1449.077 $\pm$ 0.266 χ^2 /NDF: 49222.1/18

Left: 1460.116 $\pm$ 0.189 χ^2 /NDF: 425694.5/38

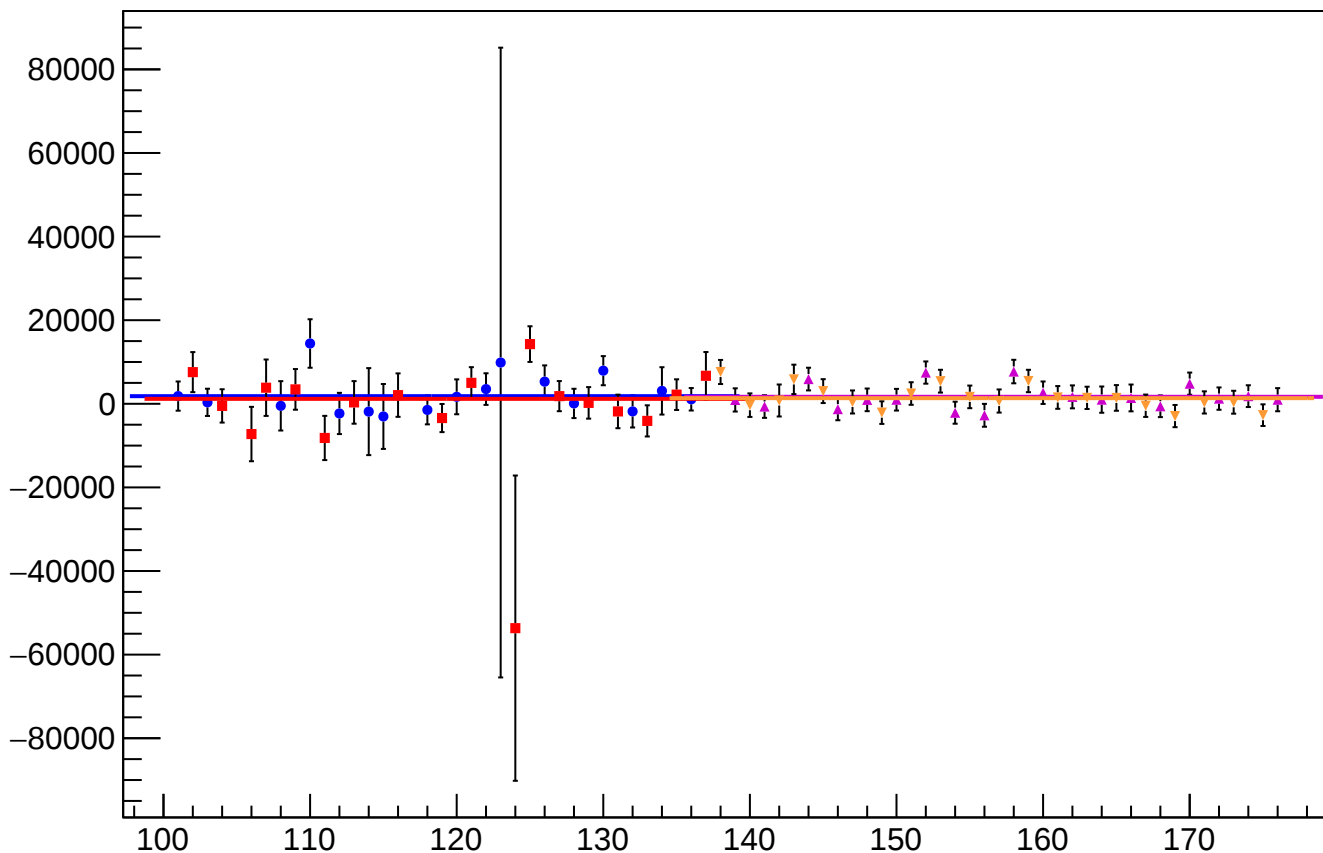
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1538.512 $\pm$ 0.238 χ^2 /NDF: 1077655.4/35

Out: 1561.493 $\pm$ 0.239 χ^2 /NDF: 1327612.9/37

All: 1549.939 $\pm$ 0.168 χ^2 /NDF: 2409918.4/73

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1349.504 $\pm$ 625.782 χ^2 /NDF:19.4/19

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1675.599 $\pm$ 625.988 χ^2 /NDF:21.2/18

Left: 1512.498 $\pm$ 442.567 χ^2 /NDF: 40.7/38

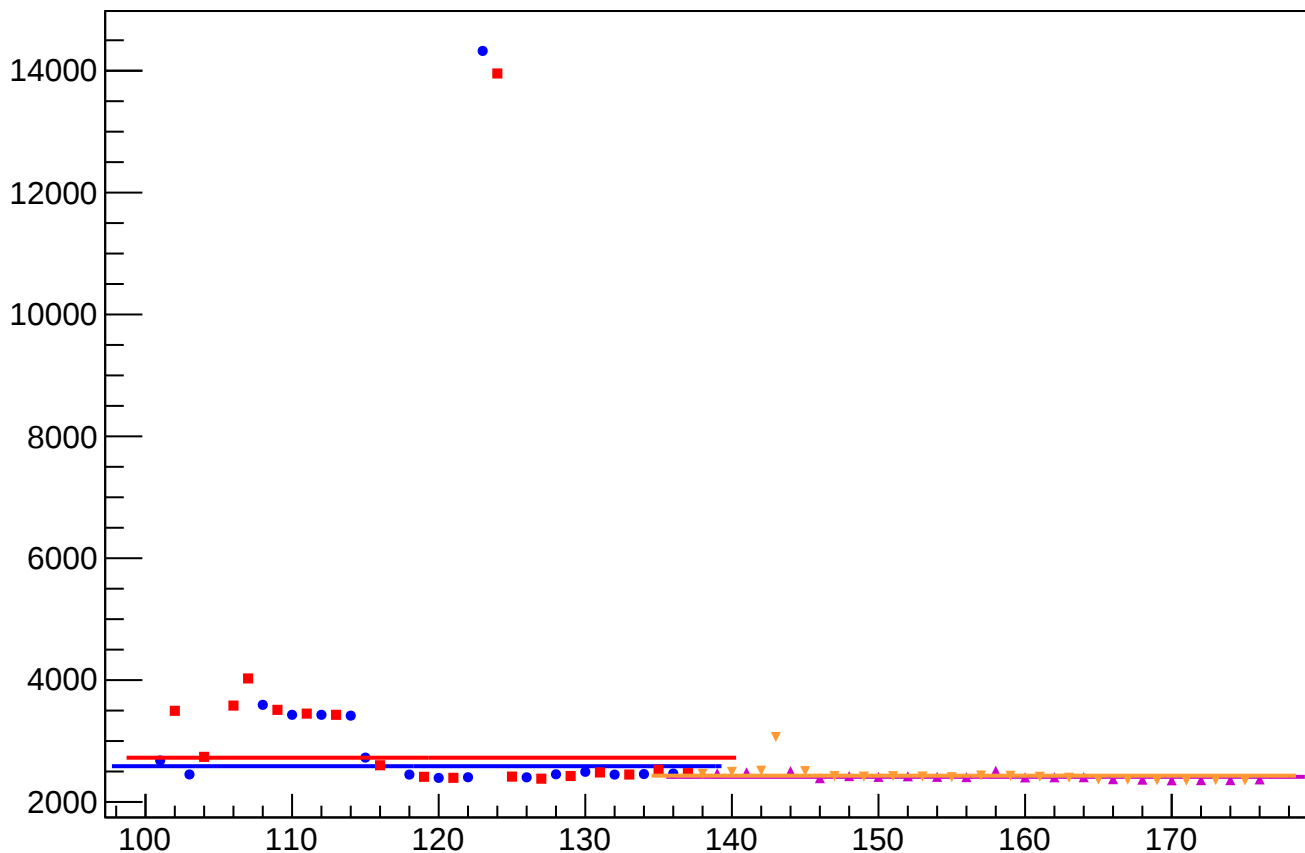
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1717.064 $\pm$ 532.103 χ^2 /NDF:33.7/35

Out: 1305.807 $\pm$ 537.544 χ^2 /NDF:44.9/37

All: 1513.527 $\pm$ 378.163 χ^2 /NDF: 78.9/73

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2431.770+/-0.442 χ^2/NDF : 78090.7/19

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2412.614+/-0.443 χ^2/NDF : 11631.7/18

Left: 2422.195+/-0.313 χ^2/NDF : 90659.1/38

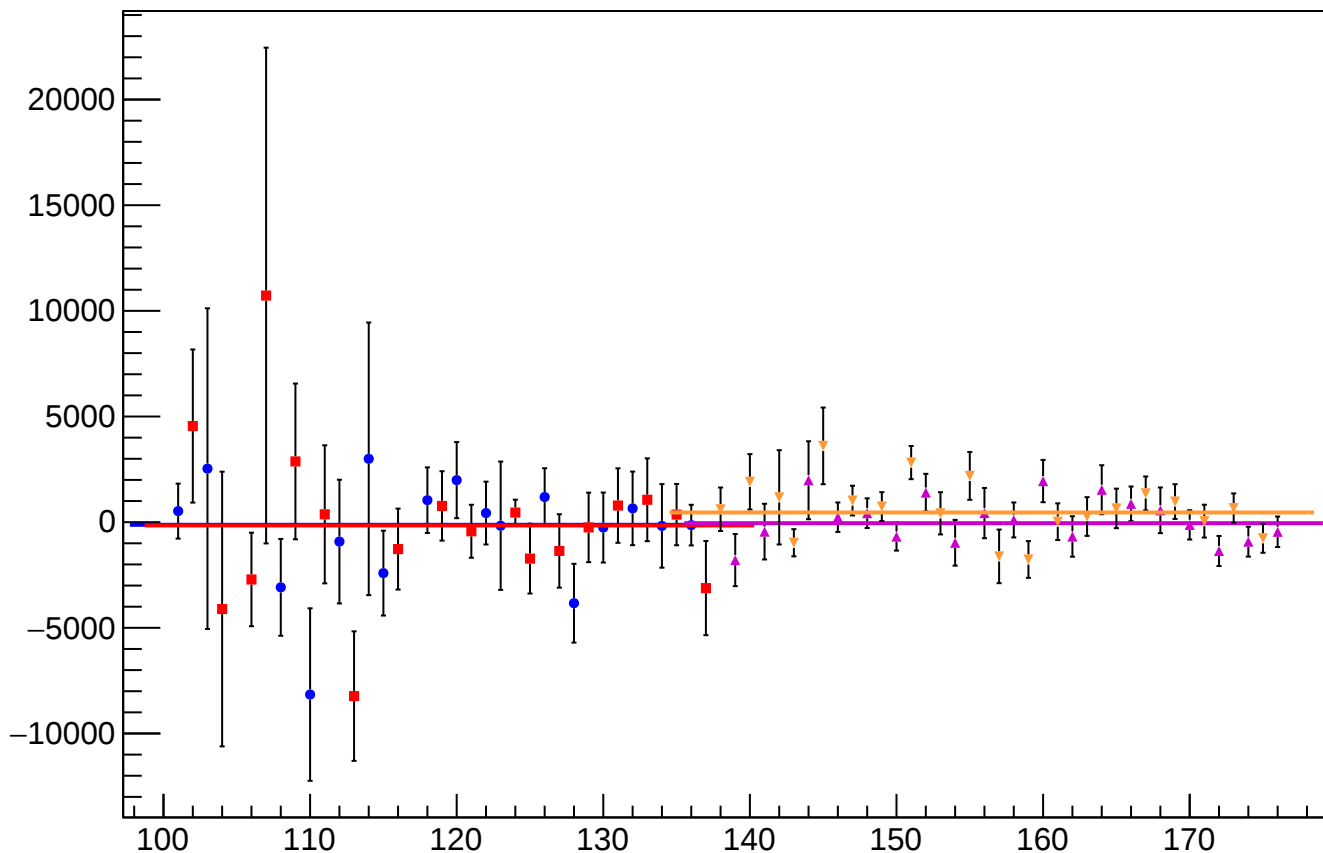
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2460.994+/-0.376 χ^2/NDF : 308798.7/35

Out: 2509.015+/-0.380 χ^2/NDF : 775197.4/37

All: 2484.760+/-0.267 χ^2/NDF : 1092058.0/73

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 459.006+/-194.176 χ^2/NDF : 36.3/19

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -47.511+/-198.687 χ^2/NDF : 21.6/18

Left: 211.564+/-138.871 χ^2/NDF : 61.2/38

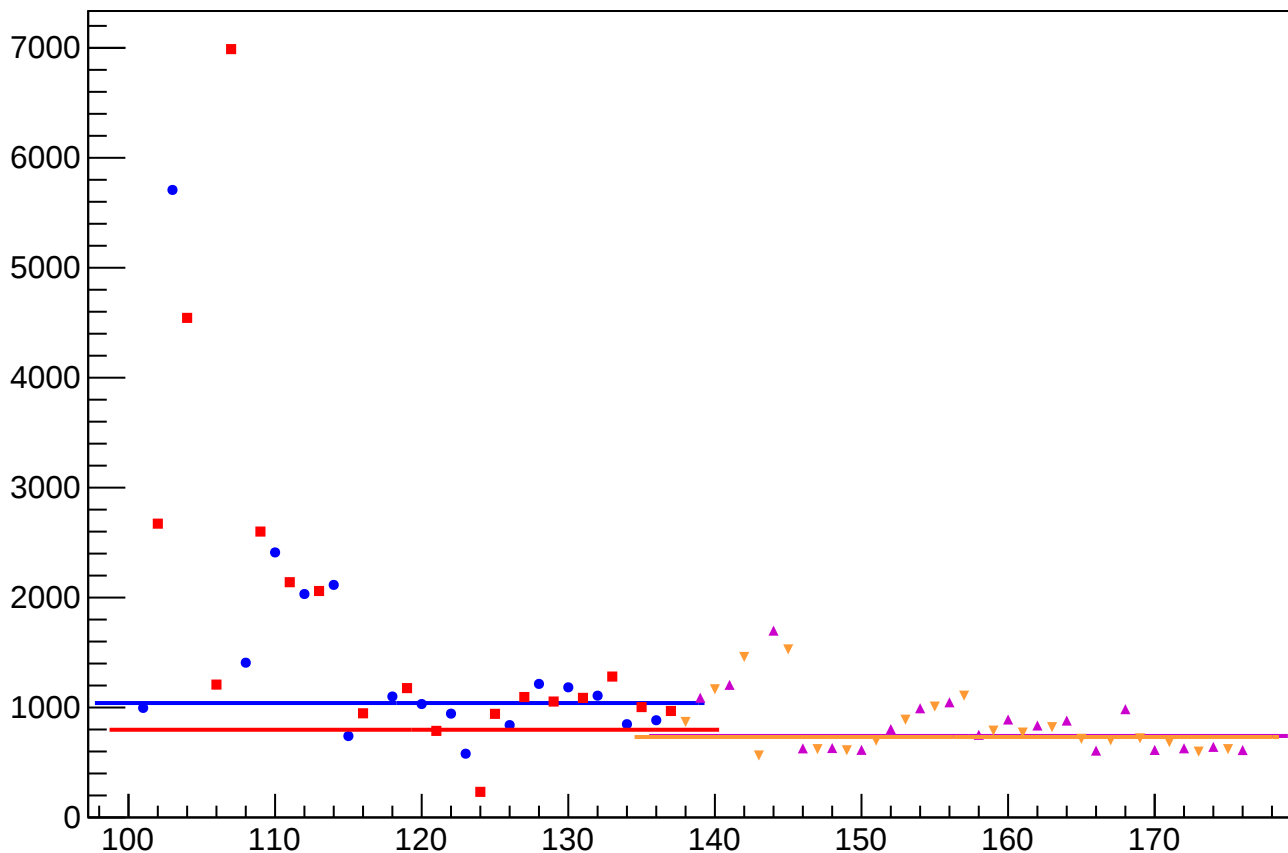
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -61.012+/-180.420 χ^2/NDF : 36.3/35

Out: 332.452+/-172.996 χ^2/NDF : 55.9/37

All: 143.982+/-124.869 χ^2/NDF : 94.7/73

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 731.754+/-0.137 χ^2/NDF :1618034.7/19

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 741.283+/-0.140 χ^2/NDF :1840874.5/18

Left: 736.409+/-0.098 χ^2/NDF : 3461262.1/38

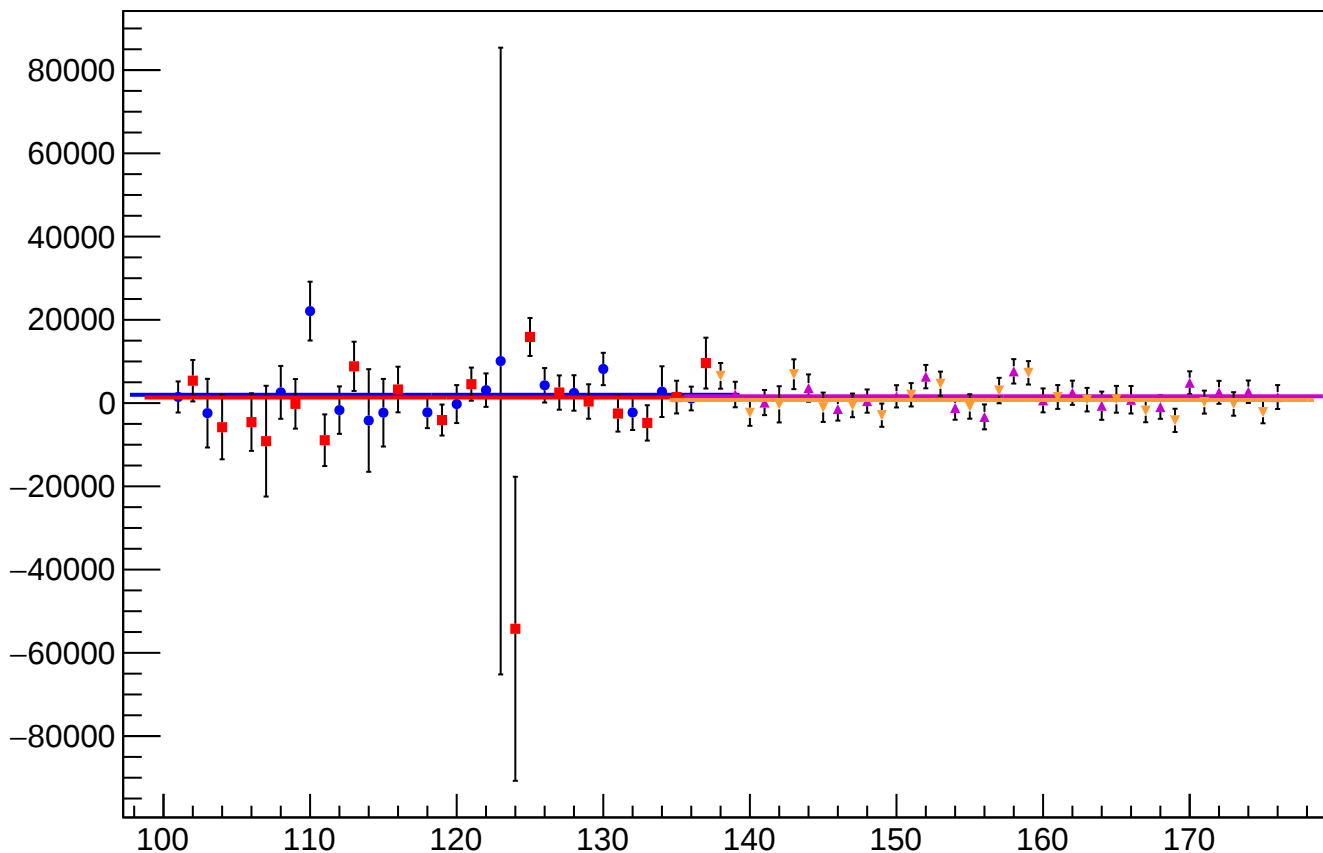
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 793.819+/-0.128 χ^2/NDF :4211014.6/35

Out: 745.362+/-0.122 χ^2/NDF :6839991.9/37

All: 768.573+/-0.088 χ^2/NDF : 11126171.4/73

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 754.992+/-665.175 χ^2/NDF : 23.2/19

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1629.631+/-666.822 χ^2/NDF : 16.0/18

Left: 1191.230+/-470.931 χ^2/NDF : 40.0/38

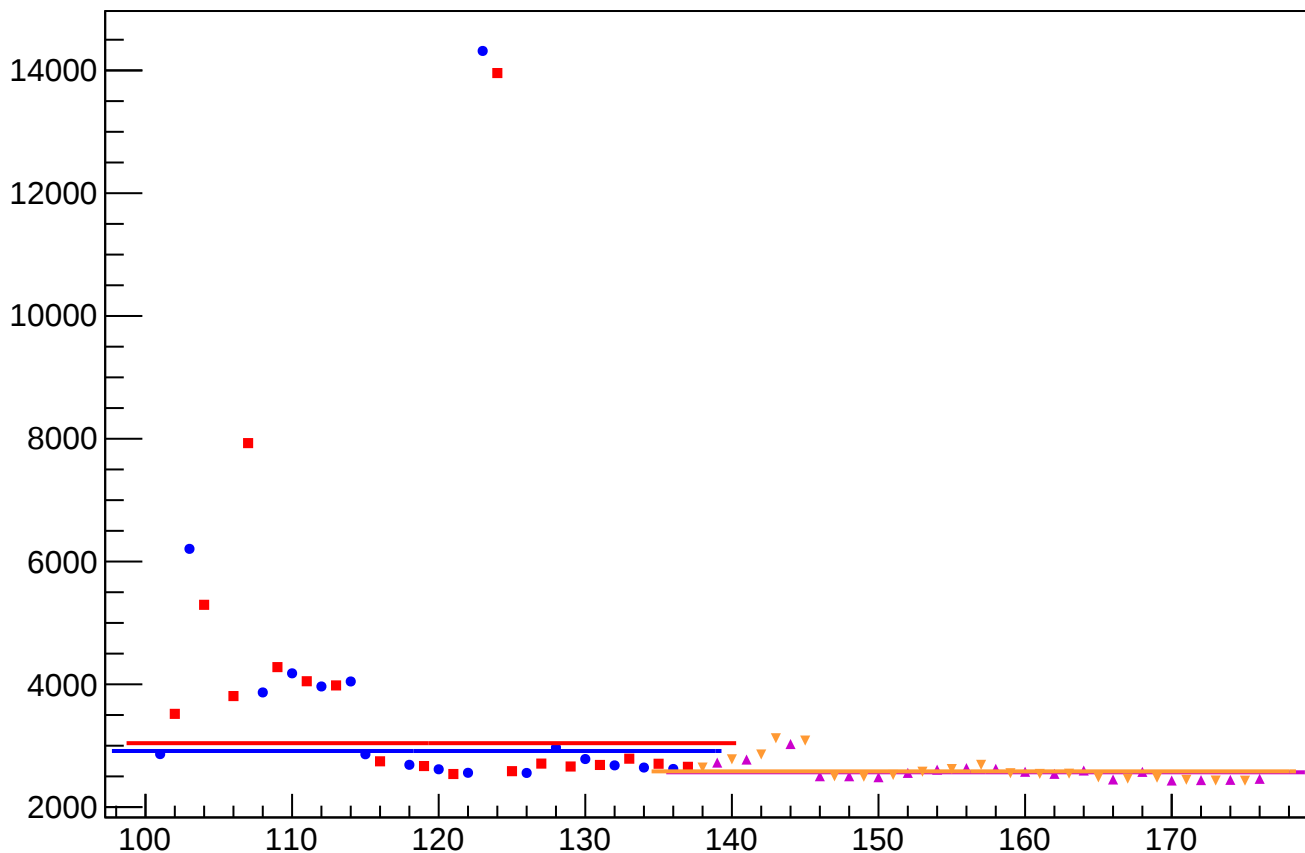
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1721.279+/-577.495 χ^2/NDF : 31.0/35

Out: 892.800+/-581.056 χ^2/NDF : 50.9/37

All: 1309.585+/-409.604 χ^2/NDF : 82.9/73

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2582.027+/-0.470 χ^2/NDF :135758.1/19

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2566.833+/-0.472 χ^2/NDF :79095.1/18

Left: 2574.448+/-0.333 χ^2/NDF : 215373.7/38

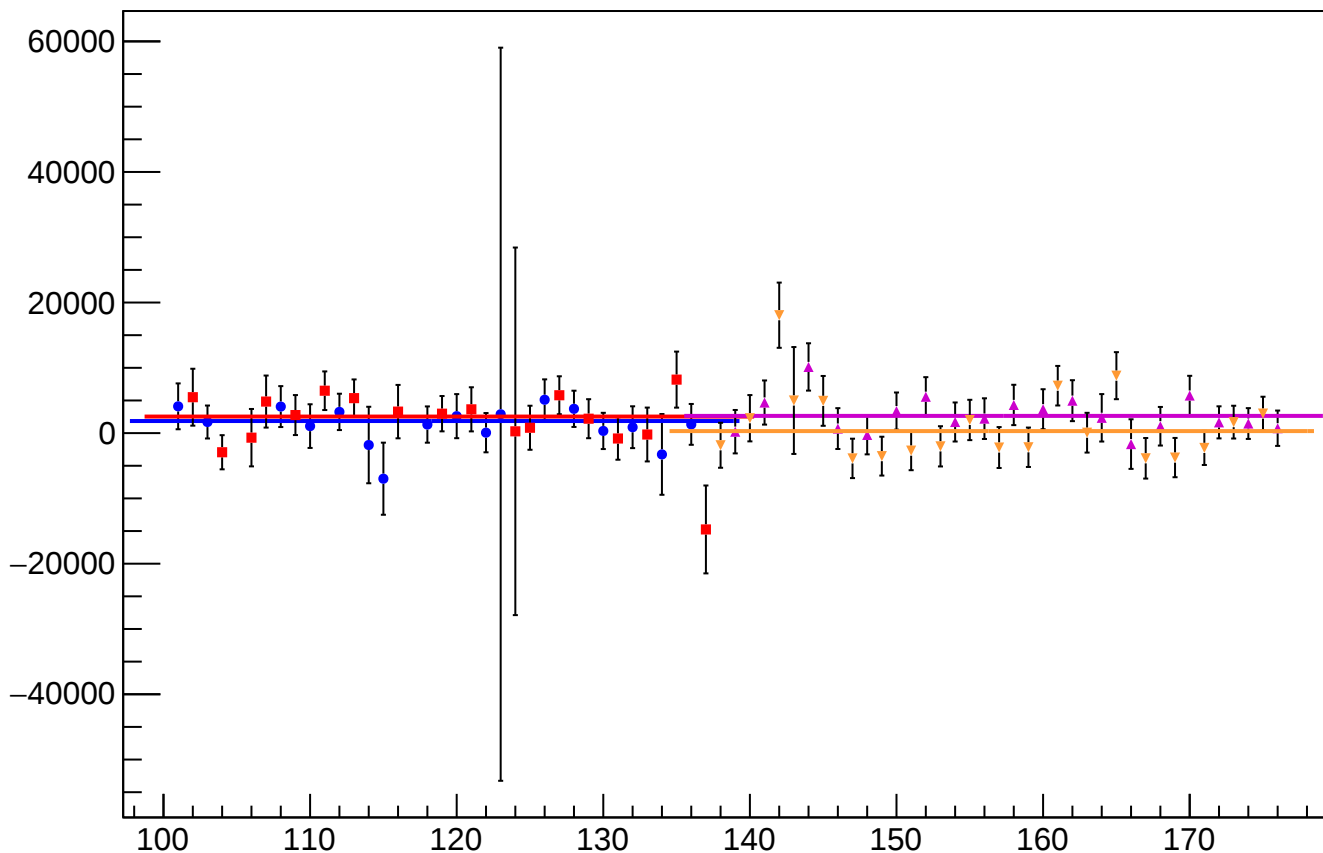
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2653.584+/-0.408 χ^2/NDF :853495.3/35

Out: 2690.826+/-0.411 χ^2/NDF :1365174.1/37

All: 2672.090+/-0.290 χ^2/NDF : 2222802.8/73

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 $\chi^2/\text{NDF}: 7.3/16$

Left Out: 309.322 ± 705.932 $\chi^2/\text{NDF}: 38.7/19$

Right Out: 2535.163 ± 819.322 $\chi^2/\text{NDF}: 20.0/17$

Left In: 2638.059 ± 693.006 $\chi^2/\text{NDF}: 12.2/18$

Left: 1495.206 ± 494.536 $\chi^2/\text{NDF}: 56.4/38$

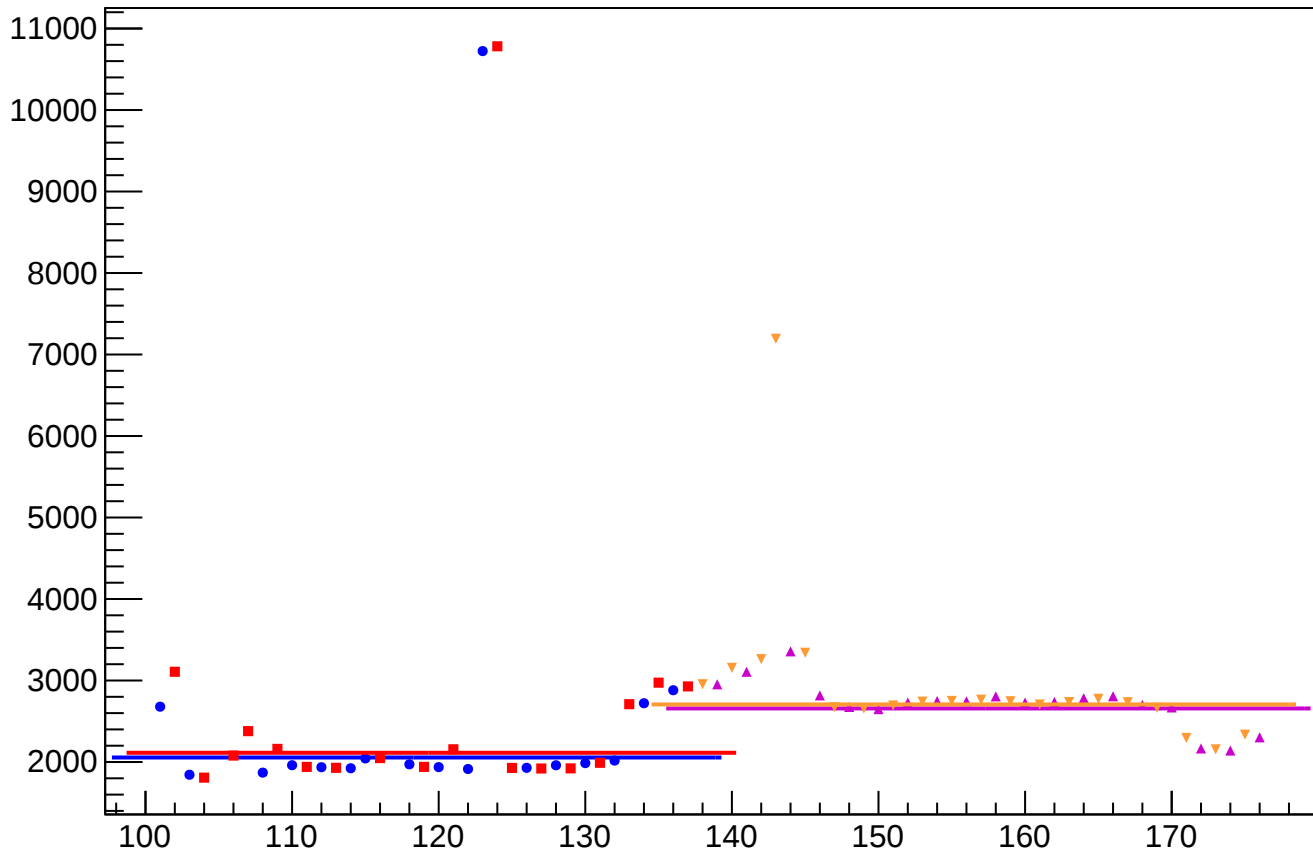
Right: 2187.336 ± 574.855 $\chi^2/\text{NDF}: 27.6/34$

In: 2303.500 ± 525.687 $\chi^2/\text{NDF}: 20.0/35$

Out: 1257.680 ± 534.803 $\chi^2/\text{NDF}: 63.0/37$

All: 1789.579 ± 374.898 $\chi^2/\text{NDF}: 84.9/73$

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2706.576 $\pm$ 0.499 χ^2/NDF : 914227.8/19

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 2657.123 $\pm$ 0.490 χ^2/NDF : 359229.1/18

Left: 2681.393 $\pm$ 0.350 χ^2/NDF : 1278455.0/38

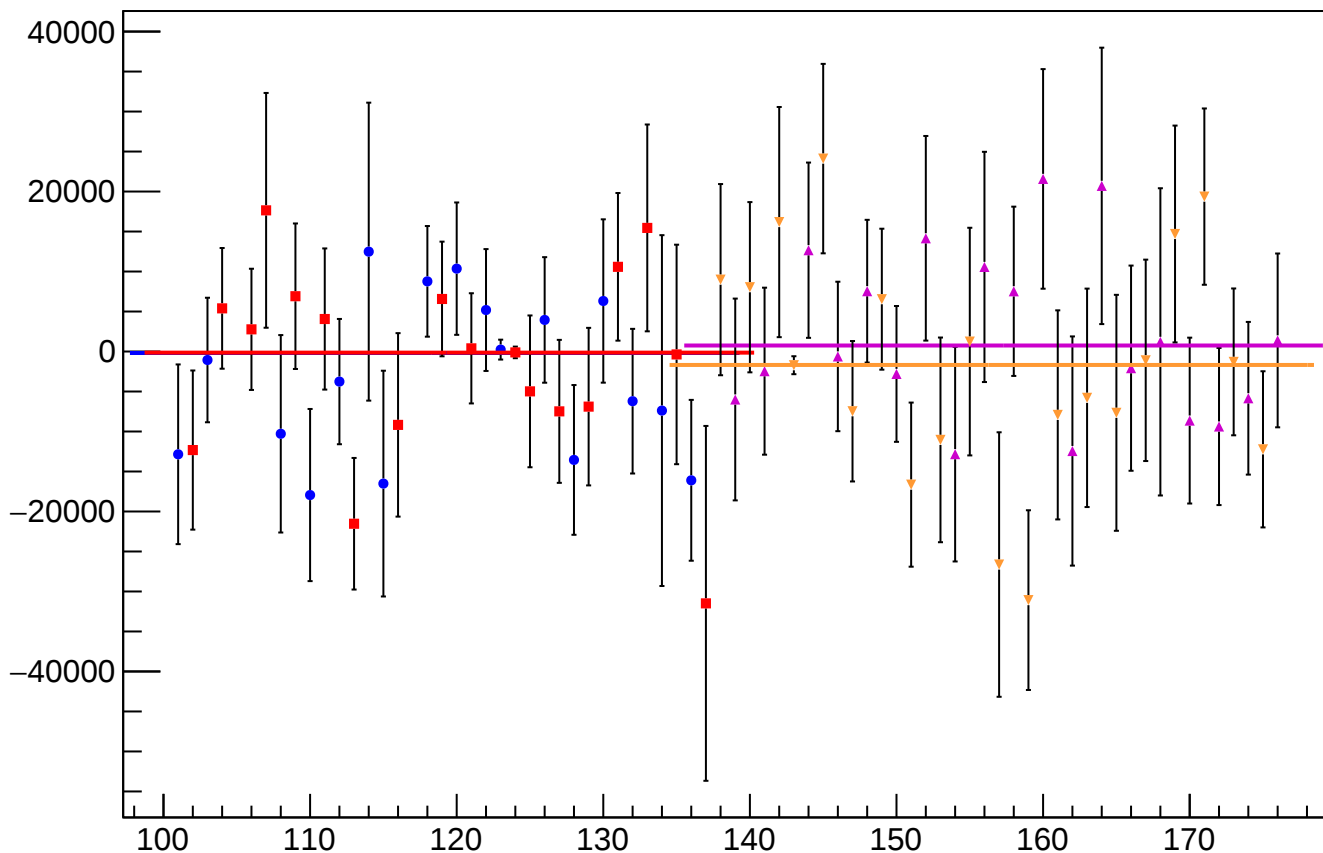
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2401.659 $\pm$ 0.372 χ^2/NDF : 1315712.7/35

Out: 2453.366 $\pm$ 0.378 χ^2/NDF : 2049124.3/37

All: 2427.085 $\pm$ 0.265 χ^2/NDF : 3374351.7/73

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1680.166+/-1032.563 χ^2/NDF : 27.8/19

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 751.003+/-2594.642 χ^2/NDF : 12.2/18

Left: -1347.778+/-959.384 χ^2/NDF : 40.8/38

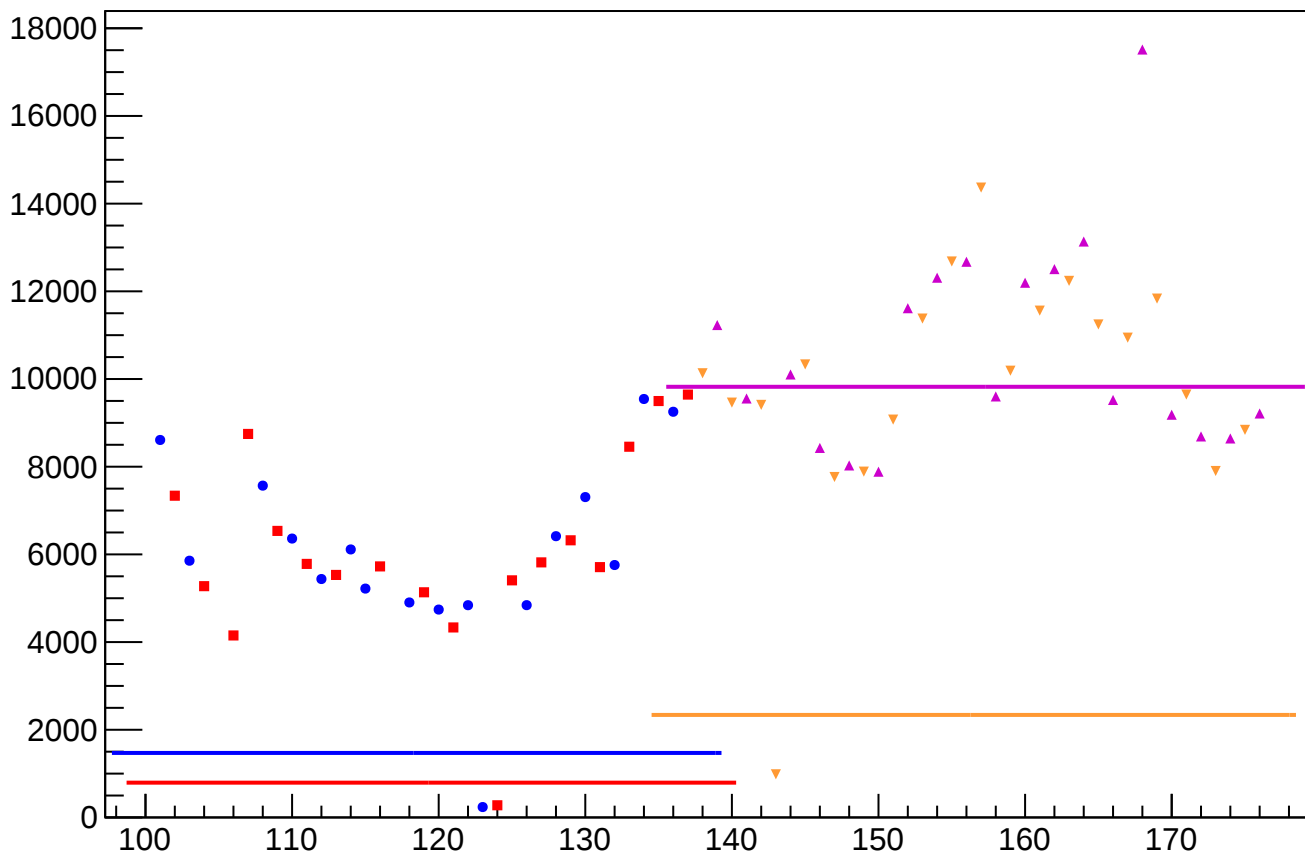
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -42.435+/-1013.355 χ^2/NDF : 28.7/35

Out: -617.714+/-574.260 χ^2/NDF : 48.3/37

All: -477.877+/-499.614 χ^2/NDF : 77.3/73

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2338.588+/-0.730 χ^2/NDF : 19758674.2/19

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9822.701+/-1.835 χ^2/NDF : 1040853.7/18

Left: 3361.812+/-0.678 χ^2/NDF : 35164601.4/38

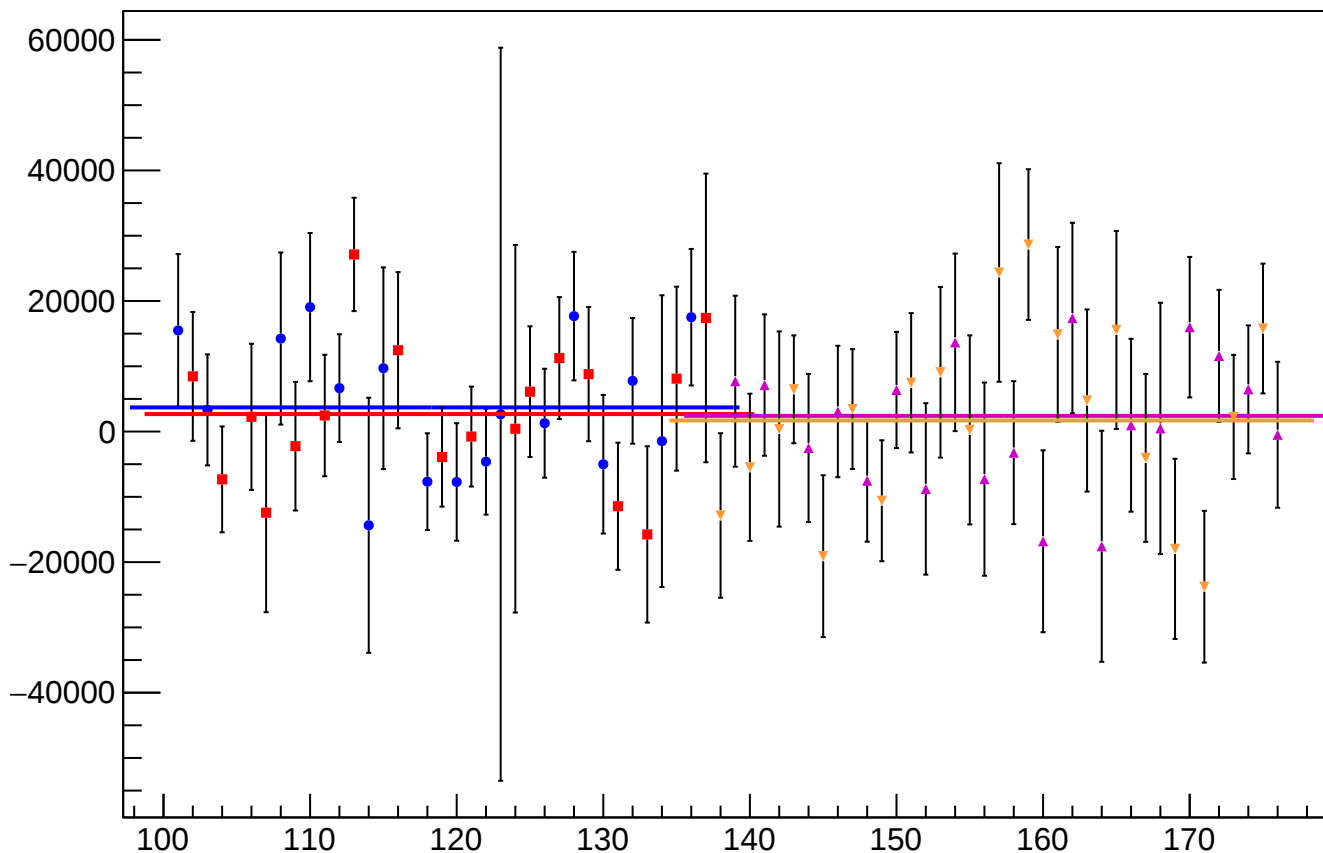
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2745.438+/-0.717 χ^2/NDF : 28387463.0/35

Out: 1271.511+/-0.406 χ^2/NDF : 34273696.8/37

All: 1629.790+/-0.353 χ^2/NDF : 65863817.3/71

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1697.560+/-2593.005 χ^2/NDF : 25.5/19

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 2407.697+/-2687.685 χ^2/NDF : 10.9/18

Left: 2039.900+/-1866.106 χ^2/NDF : 36.4/38

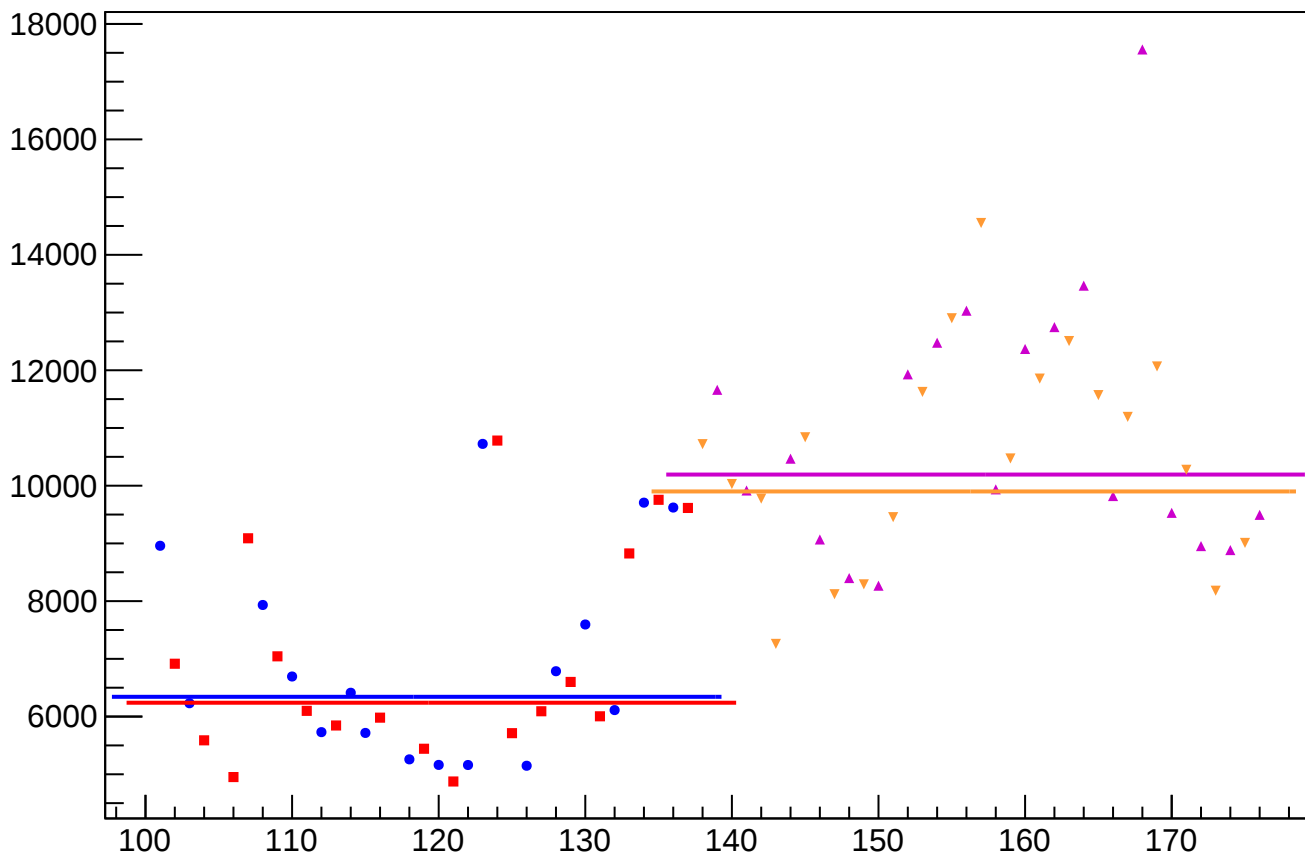
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3095.110+/-1837.536 χ^2/NDF : 25.4/35

Out: 2220.625+/-1772.571 χ^2/NDF : 44.1/37

All: 2642.136+/-1275.746 χ^2/NDF : 69.6/73

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 9900.350 $\pm$ 1.834 χ^2/NDF : 933483.5/19

Right Out: 6239.726 $\pm$ 1.717 χ^2/NDF : 529243.7/17

Left In: 10192.977 $\pm$ 1.900 χ^2/NDF : 939800.8/18

Left: 10041.419 $\pm$ 1.320 χ^2/NDF : 1885563.4/38

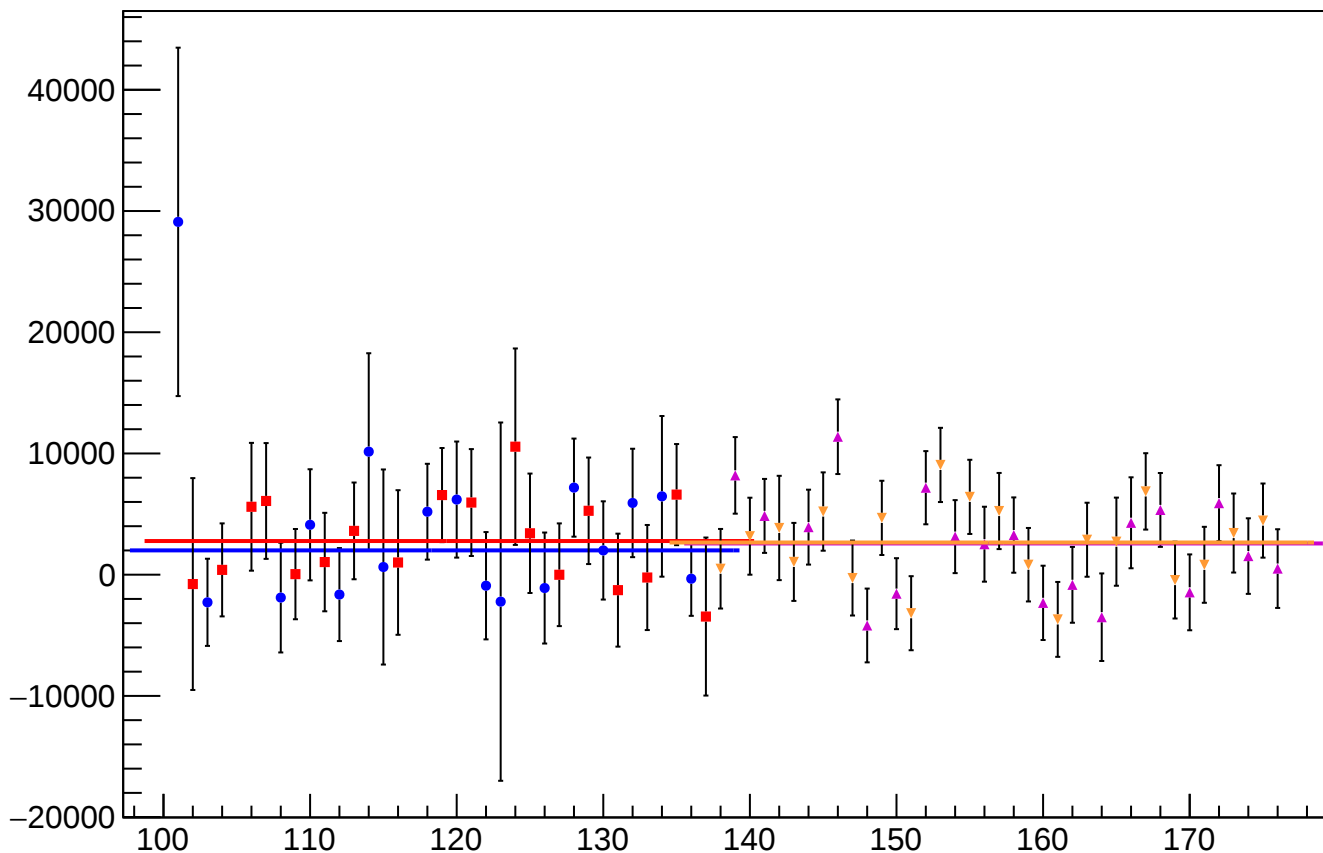
Right: 6289.173 $\pm$ 1.236 χ^2/NDF : 1124633.0/34

In: 8142.221 $\pm$ 1.299 χ^2/NDF : 3719827.2/35

Out: 7950.270 $\pm$ 1.253 χ^2/NDF : 3586121.8/37

All: 8042.790 $\pm$ 0.902 χ^2/NDF : 7317254.0/73

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2655.186 $\pm$ 712.205 χ^2 /NDF:21.0/19

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2576.502 $\pm$ 718.540 χ^2 /NDF:32.4/18

Left: 2616.192 $\pm$ 505.830 χ^2 /NDF: 53.4/38

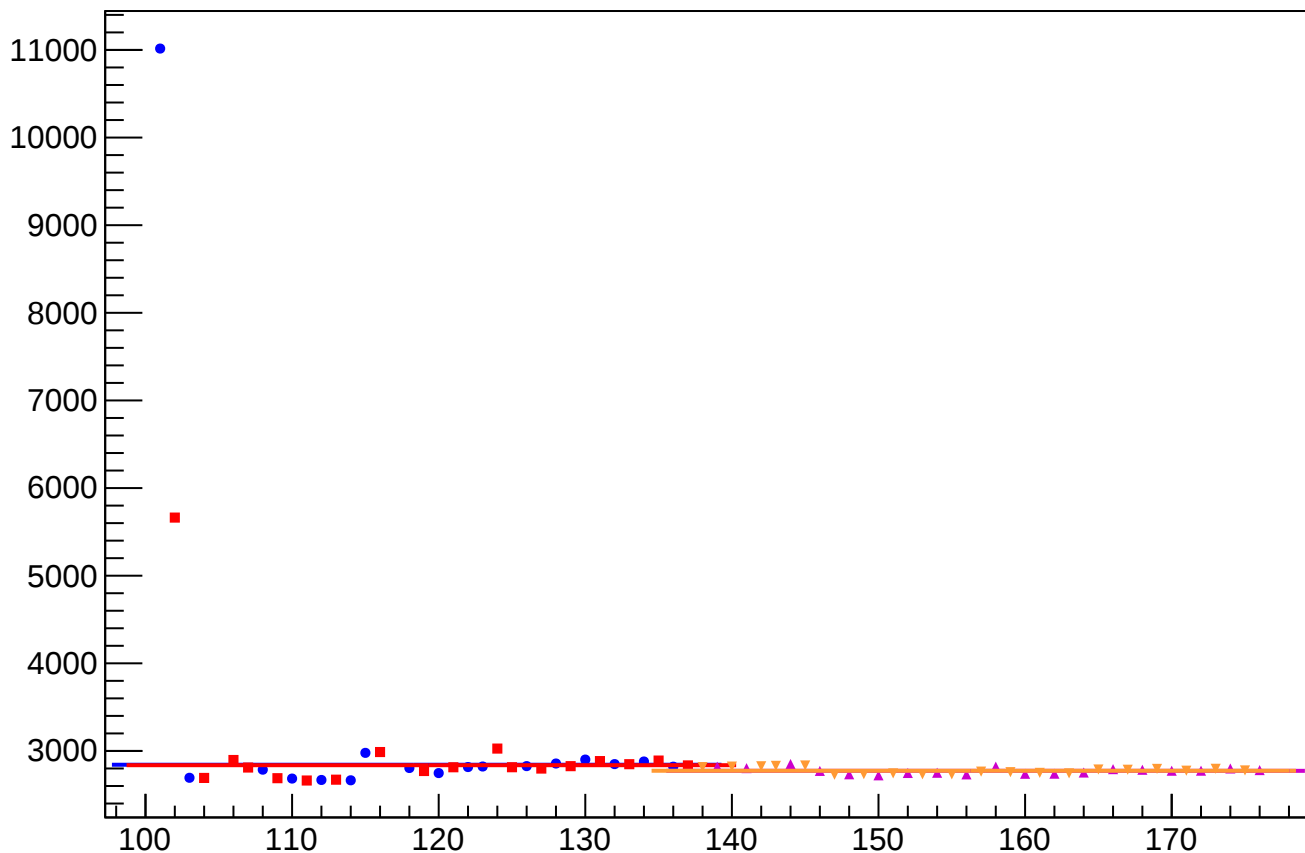
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2410.885 $\pm$ 605.630 χ^2 /NDF:46.2/35

Out: 2691.494 $\pm$ 595.693 χ^2 /NDF:29.4/37

All: 2553.510 $\pm$ 424.688 χ^2 /NDF: 75.7/73

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2774.012 $\pm$ 0.504 χ^2 /NDF: 4667.6/19

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2773.079 $\pm$ 0.508 χ^2 /NDF: 4692.8/18

Left: 2773.550 $\pm$ 0.358 χ^2 /NDF: 9362.1/38

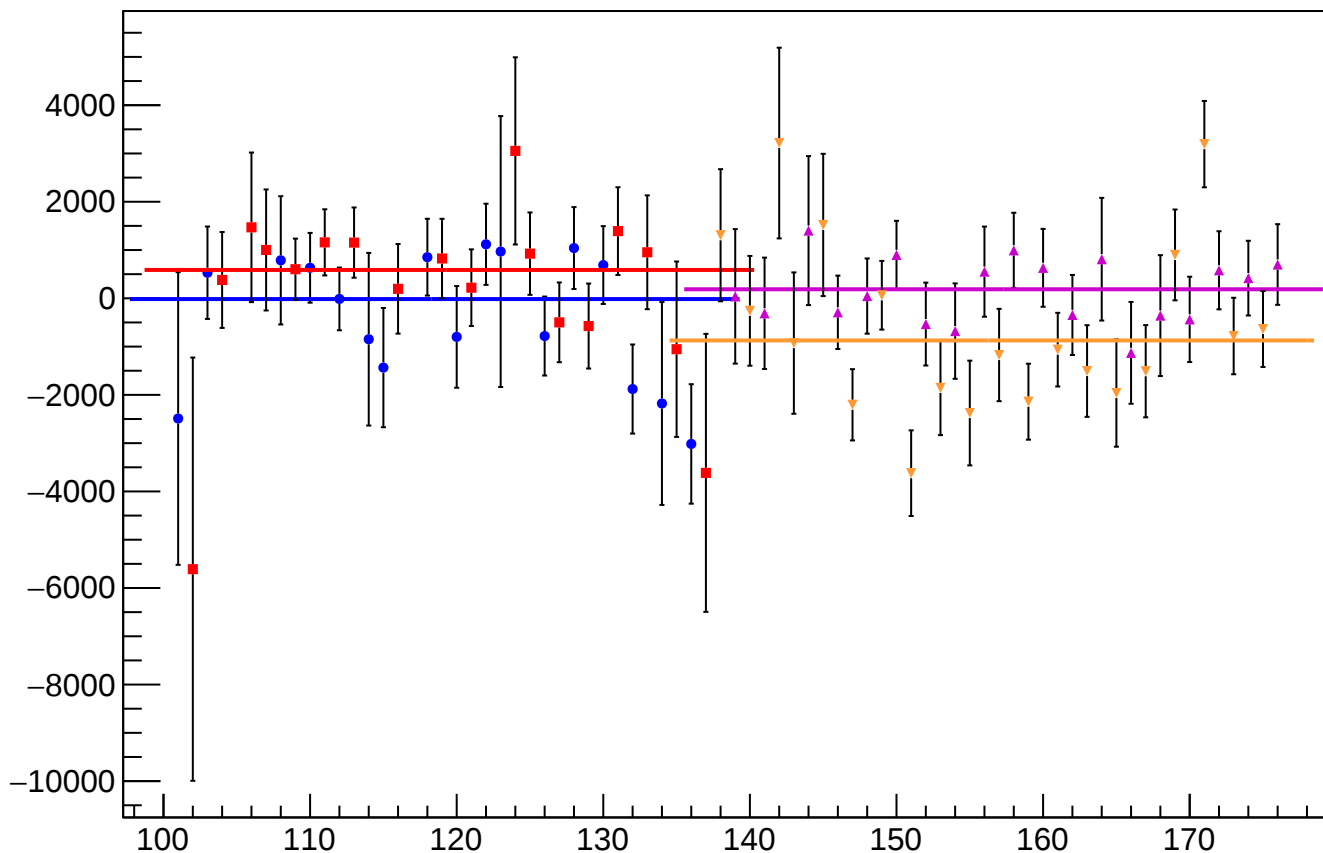
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2793.220 $\pm$ 0.428 χ^2 /NDF: 670423.9/35

Out: 2793.067 $\pm$ 0.421 χ^2 /NDF: 235854.9/37

All: 2793.142 $\pm$ 0.300 χ^2 /NDF: 906279.0/73

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -872.892 ± 210.772 χ^2/NDF : 56.2/19

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 187.333 ± 207.072 χ^2/NDF : 8.9/18

Left: -333.392 ± 147.713 χ^2/NDF : 78.0/38

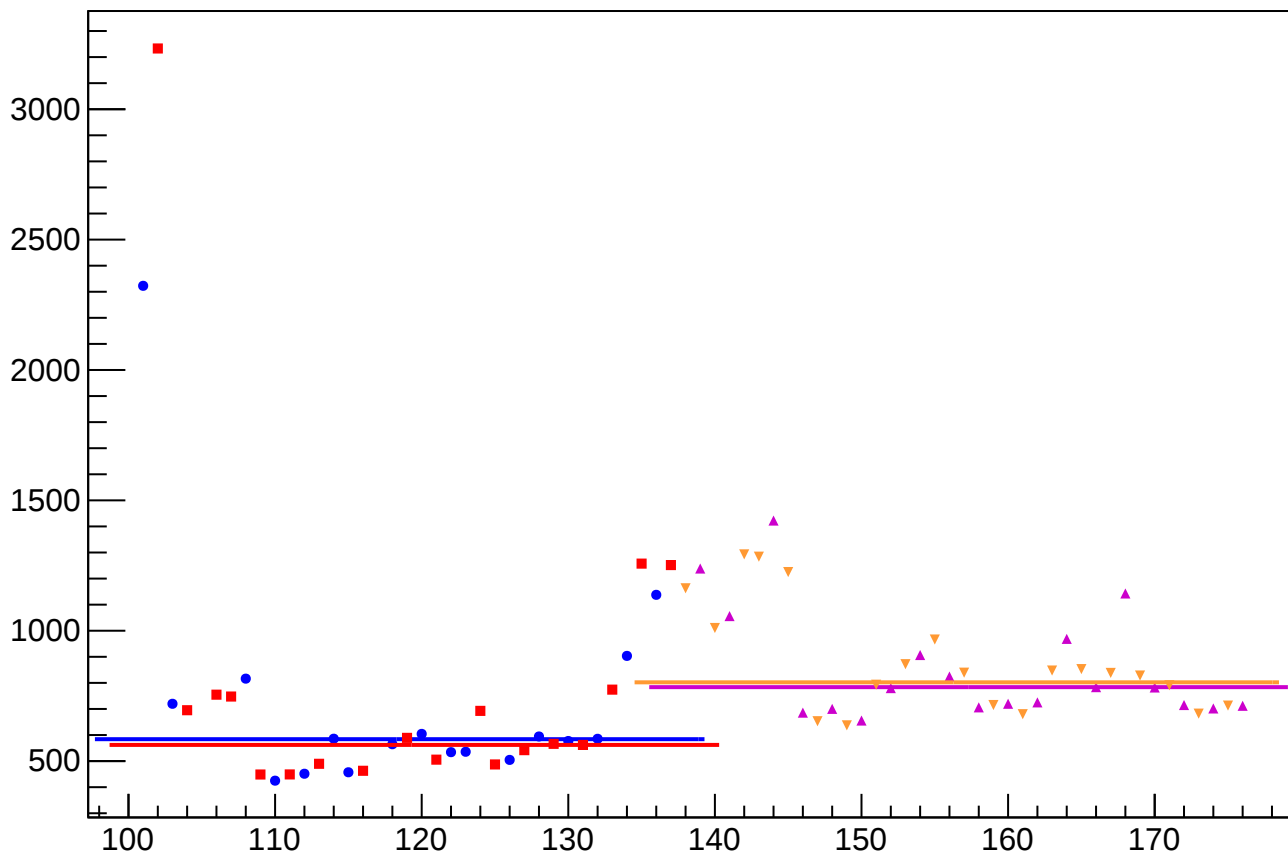
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 100.247 ± 156.463 χ^2/NDF : 30.9/35

Out: -192.893 ± 154.081 χ^2/NDF : 91.9/37

All: -48.571 ± 109.784 χ^2/NDF : 124.6/73

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 802.141+/-0.149 χ^2/NDF :1120453.5/19

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 783.622+/-0.146 χ^2/NDF :1125397.3/18

Left: 792.717+/-0.104 χ^2/NDF : 2253707.6/38

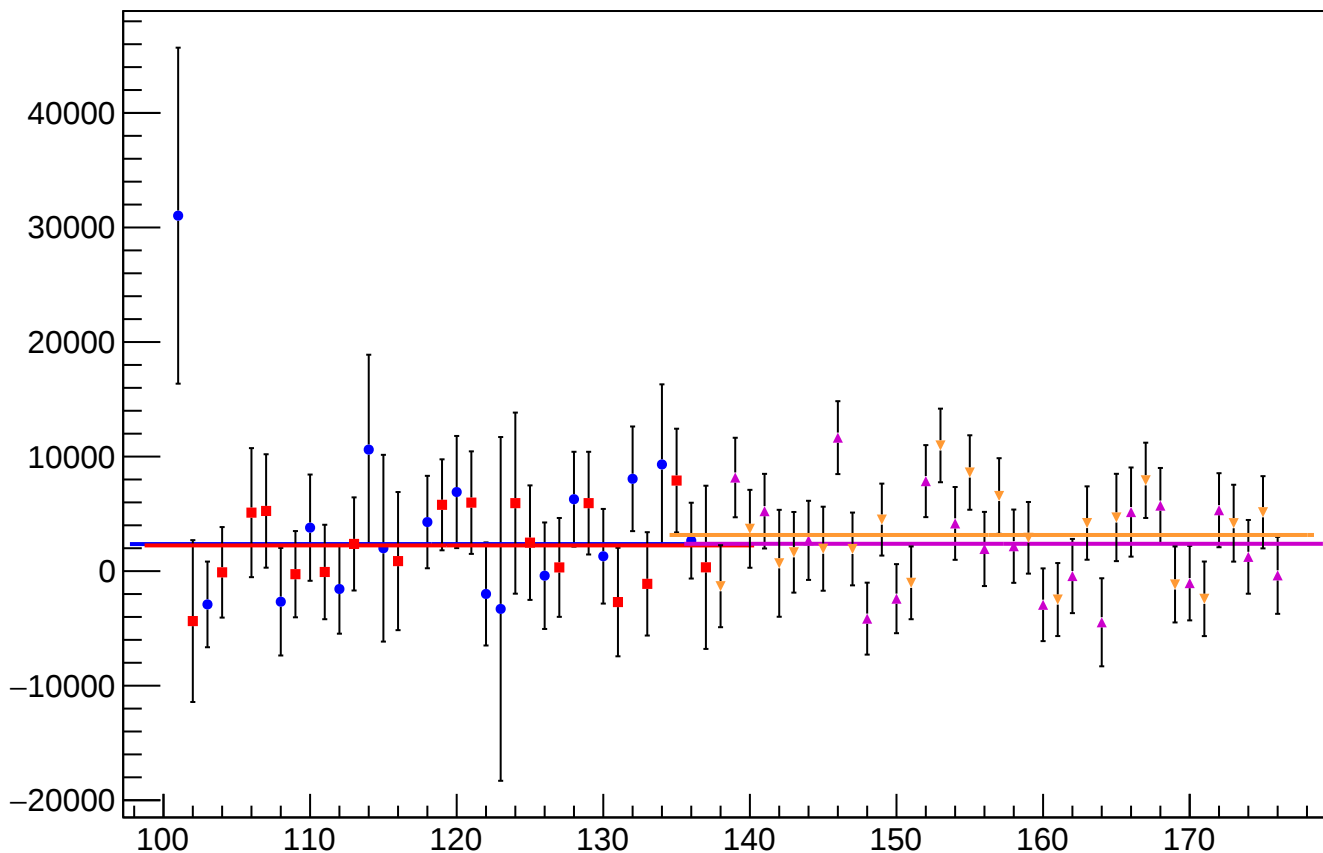
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 697.994+/-0.111 χ^2/NDF :3359073.5/35

Out: 690.390+/-0.109 χ^2/NDF :3853294.4/37

All: 694.133+/-0.078 χ^2/NDF : 7214765.9/73

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3156.283 $\pm$ 748.952 χ^2 /NDF: 24.6/19

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2386.157 $\pm$ 753.640 χ^2 /NDF: 33.3/18

Left: 2773.622 $\pm$ 531.239 χ^2 /NDF: 58.4/38

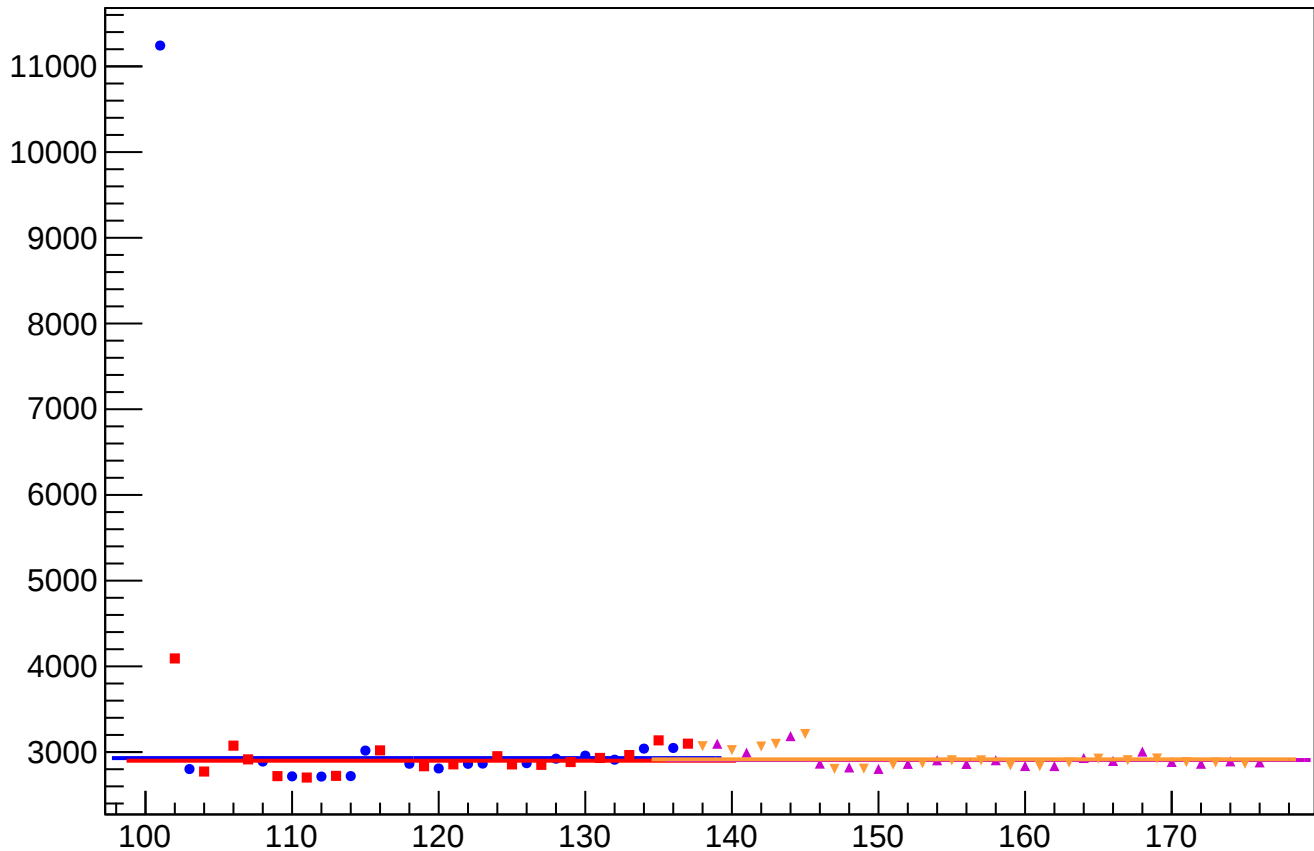
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2379.223 $\pm$ 631.965 χ^2 /NDF: 48.3/35

Out: 2872.008 $\pm$ 621.183 χ^2 /NDF: 33.6/37

All: 2629.855 $\pm$ 443.006 χ^2 /NDF: 82.3/73

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2915.333+/-0.530 χ^2/NDF : 35588.3/19

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2907.273+/-0.533 χ^2/NDF : 29852.6/18

Left: 2911.329+/-0.376 χ^2/NDF : 65556.0/38

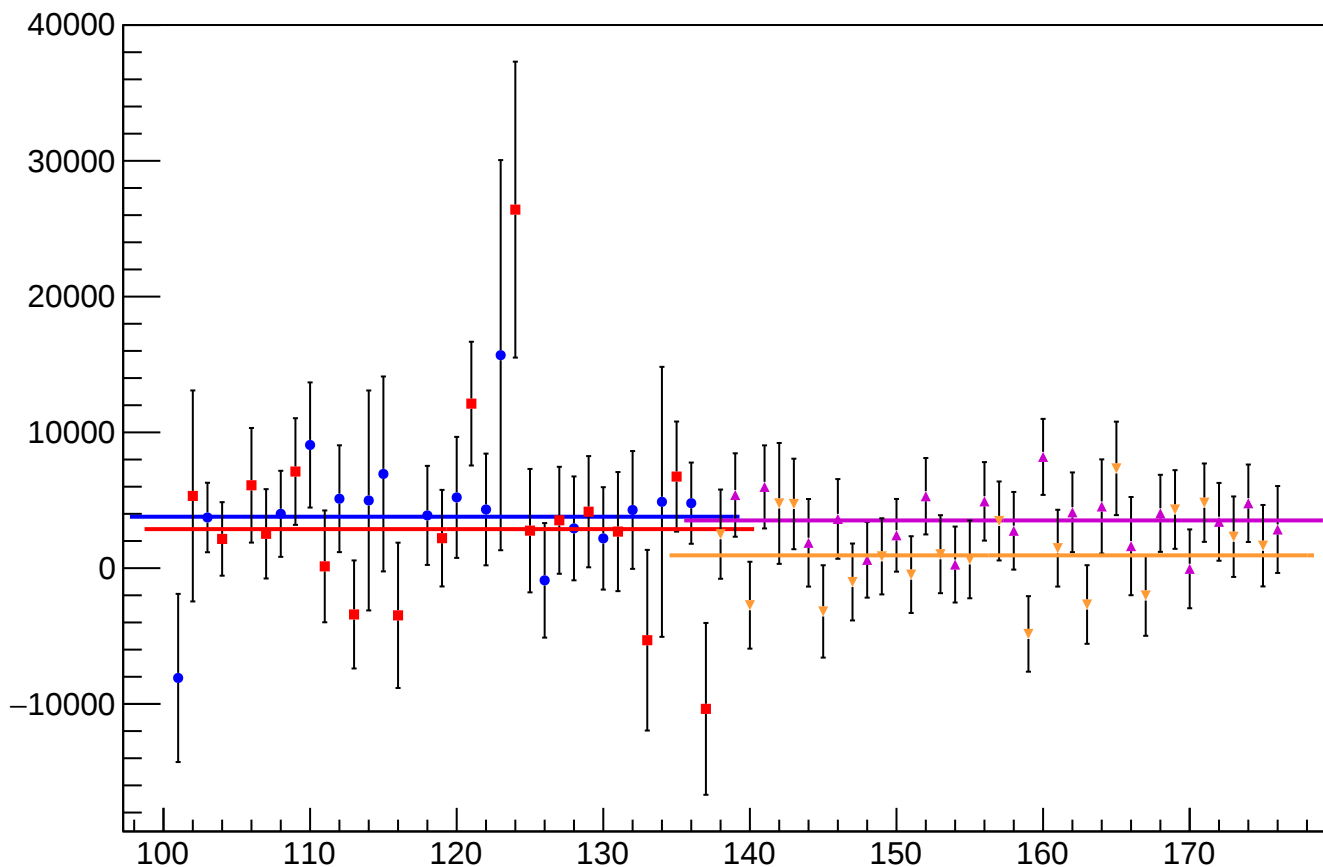
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2913.917+/-0.447 χ^2/NDF : 693005.1/35

Out: 2910.370+/-0.439 χ^2/NDF : 119412.8/37

All: 2912.113+/-0.313 χ^2/NDF : 812450.0/73

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2 /NDF: 7.7/16

Left Out: 943.275 $\pm$ 675.617 χ^2 /NDF:20.4/19

Right Out: 2874.691 $\pm$ 1004.077 χ^2 /NDF: 22.0/17

Left In: 3515.514 $\pm$ 677.654 χ^2 /NDF:9.6/18

Left: 2225.522 $\pm$ 478.452 χ^2 /NDF: 37.2/38

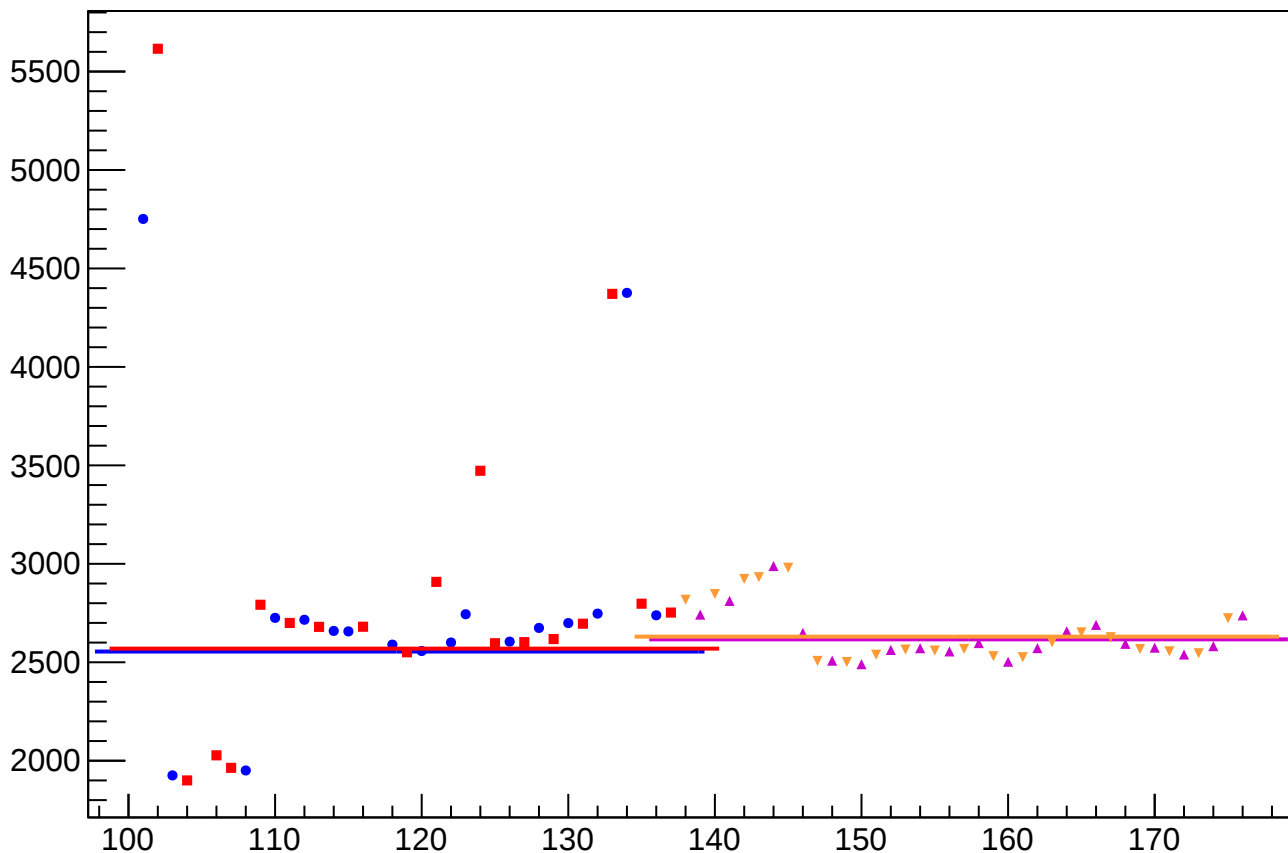
Right: 3329.431 $\pm$ 711.415 χ^2 /NDF: 30.2/34

In: 3600.268 $\pm$ 562.403 χ^2 /NDF:17.4/35

Out: 1545.210 $\pm$ 560.536 χ^2 /NDF:44.9/37

All: 2569.323 $\pm$ 397.017 χ^2 /NDF: 69.0/73

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 ± 0.713 χ^2/NDF : 536626.0/16

Left Out: 2630.126 ± 0.478 χ^2/NDF : 86562.4/19

Right Out: 2569.256 ± 0.710 χ^2/NDF : 723332.1/17

Left In: 2616.383 ± 0.479 χ^2/NDF : 58127.8/18

Left: 2623.275 ± 0.338 χ^2/NDF : 145102.7/38

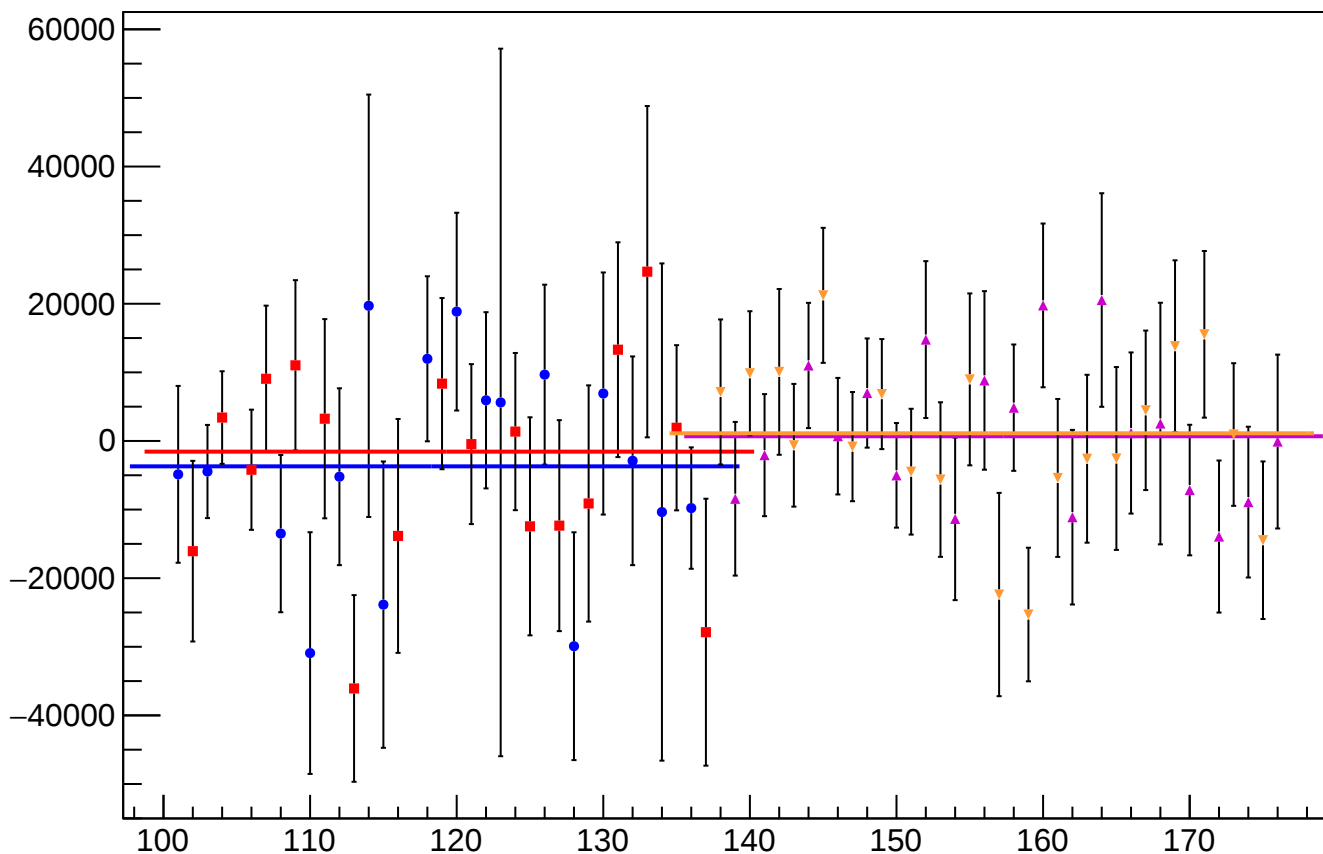
Right: 2561.929 ± 0.503 χ^2/NDF : 1260172.2/34

In: 2597.135 ± 0.398 χ^2/NDF : 599938.3/35

Out: 2611.145 ± 0.396 χ^2/NDF : 814956.7/37

All: 2604.164 ± 0.281 χ^2/NDF : 1415517.7/73

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 1118.227 $\pm$ 2352.523 χ^2 /NDF:22.4/19

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 684.130 $\pm$ 2401.262 χ^2 /NDF:14.6/18

Left: 905.629 $\pm$ 1680.452 χ^2 /NDF: 37.1/38

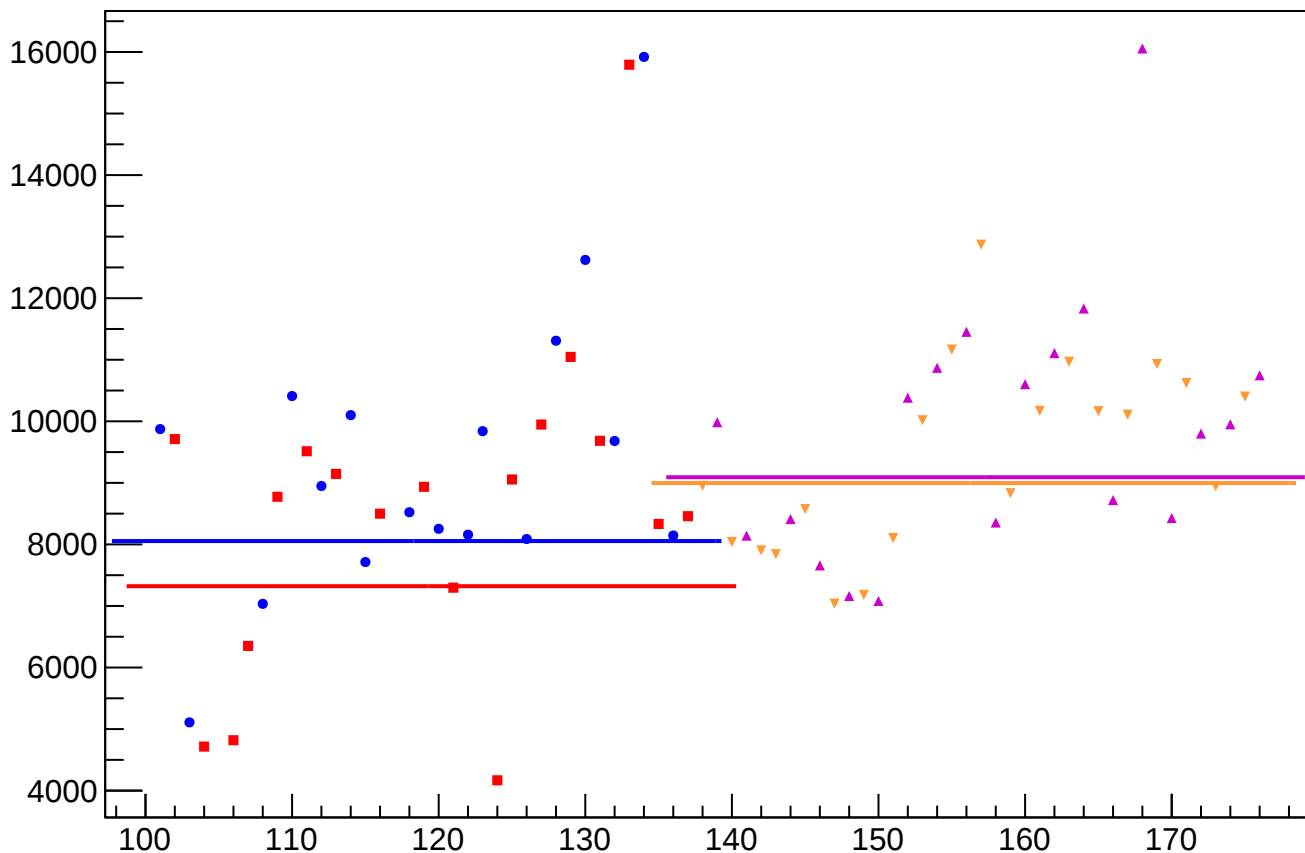
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -883.829 $\pm$ 1924.483 χ^2 /NDF:29.6/35

Out: 62.152 $\pm$ 1829.907 χ^2 /NDF:39.7/37

All: -387.023 $\pm$ 1326.114 χ^2 /NDF: 69.5/73

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8996.434 $\pm$ 1.663 χ^2 /NDF: 752155.8/19

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 9091.562 $\pm$ 1.698 χ^2 /NDF: 1032816.6/18

Left: 9043.023 $\pm$ 1.188 χ^2 /NDF: 1786574.0/38

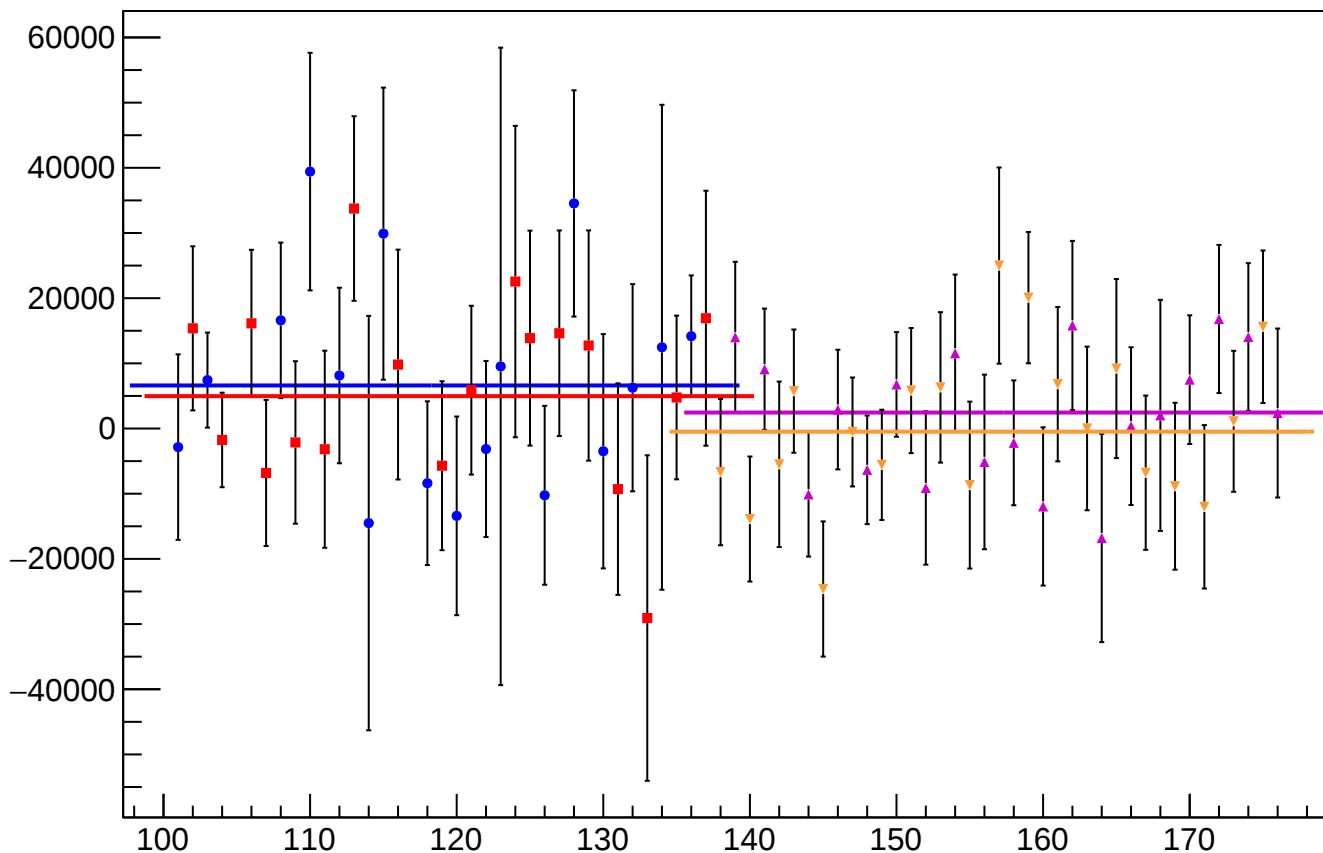
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8720.720 $\pm$ 1.361 χ^2 /NDF: 1986941.6/35

Out: 8334.887 $\pm$ 1.294 χ^2 /NDF: 2488553.7/37

All: 8518.090 $\pm$ 0.938 χ^2 /NDF: 4517713.8/73

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -480.172+/-2448.875 χ^2/NDF : 21.2/19

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2453.506+/-2494.414 χ^2/NDF : 13.6/18

Left: 959.643+/-1747.494 χ^2/NDF : 35.5/38

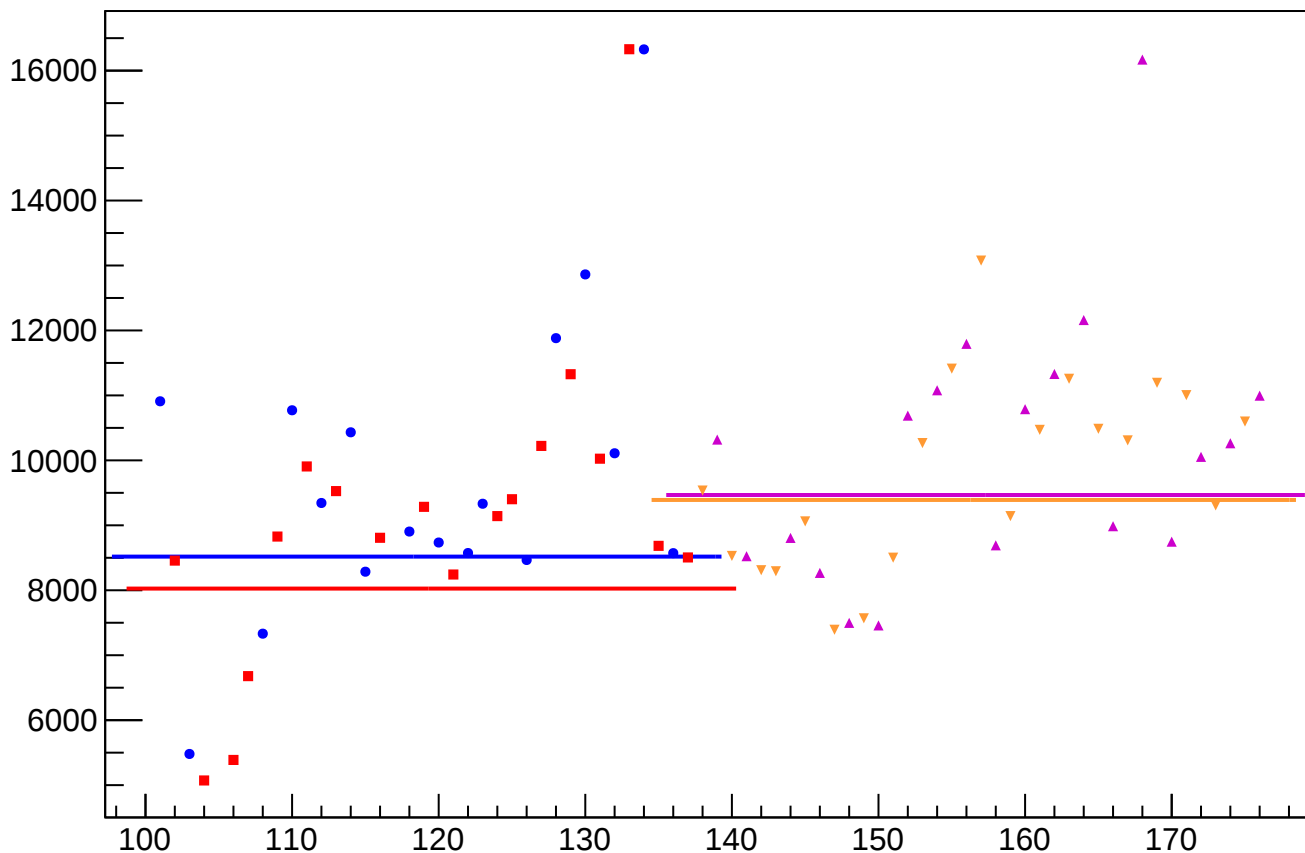
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3909.263+/-2010.347 χ^2/NDF : 29.2/35

Out: 1550.438+/-1939.522 χ^2/NDF : 36.6/37

All: 2687.568+/-1395.816 χ^2/NDF : 66.5/73

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9390.457+/-1.732 χ^2/NDF : 646509.2/19

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9466.745+/-1.764 χ^2/NDF : 907033.0/18

Left: 9427.898+/-1.236 χ^2/NDF : 1554494.8/38

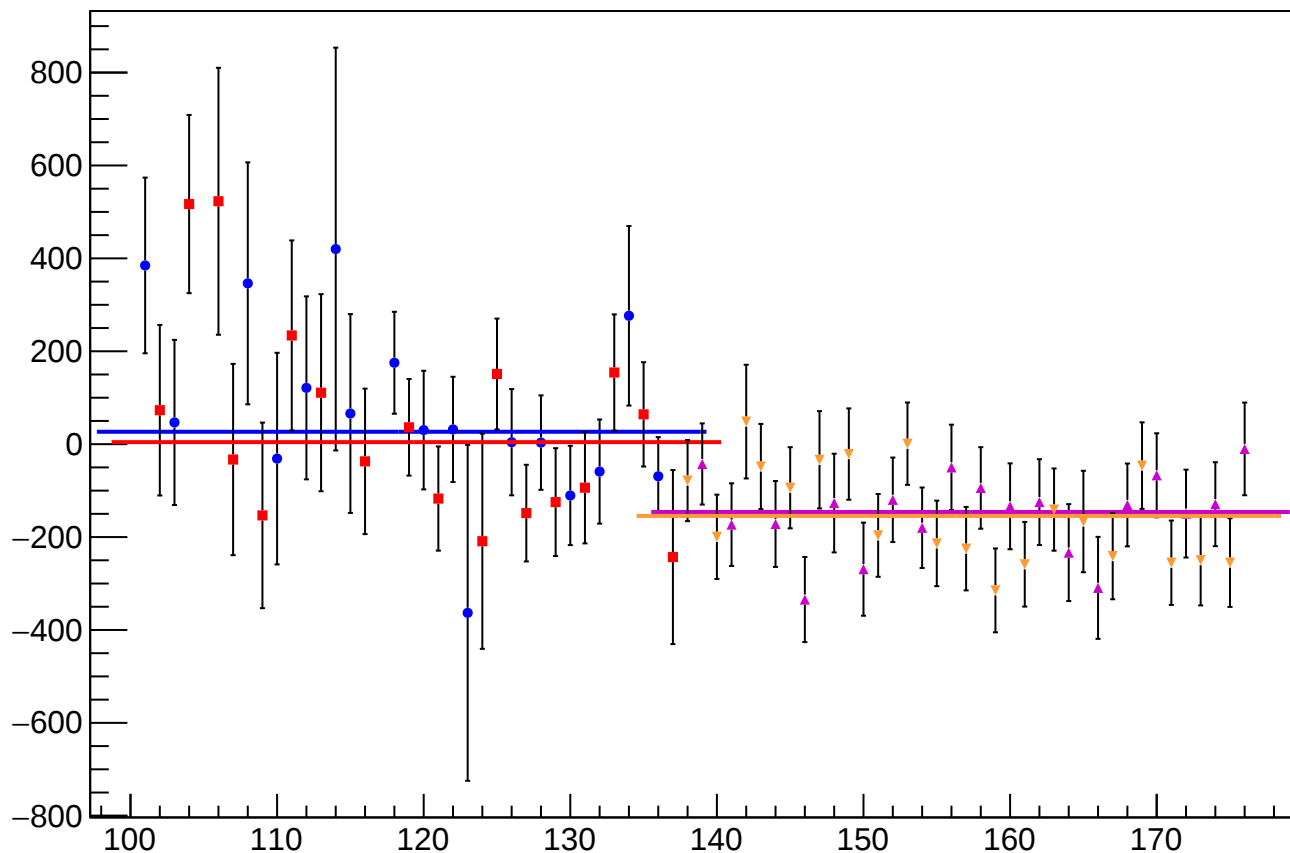
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9134.342+/-1.422 χ^2/NDF : 1780368.4/35

Out: 8881.880+/-1.371 χ^2/NDF : 1820586.2/37

All: 9003.584+/-0.987 χ^2/NDF : 3617290.7/73

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -154.488 $\pm$ 20.939 χ^2/NDF :23.1/19

Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17

Left In: -145.998 $\pm$ 21.438 χ^2/NDF :14.7/18

Left: -150.343 $\pm$ 14.979 χ^2/NDF : 37.8/38

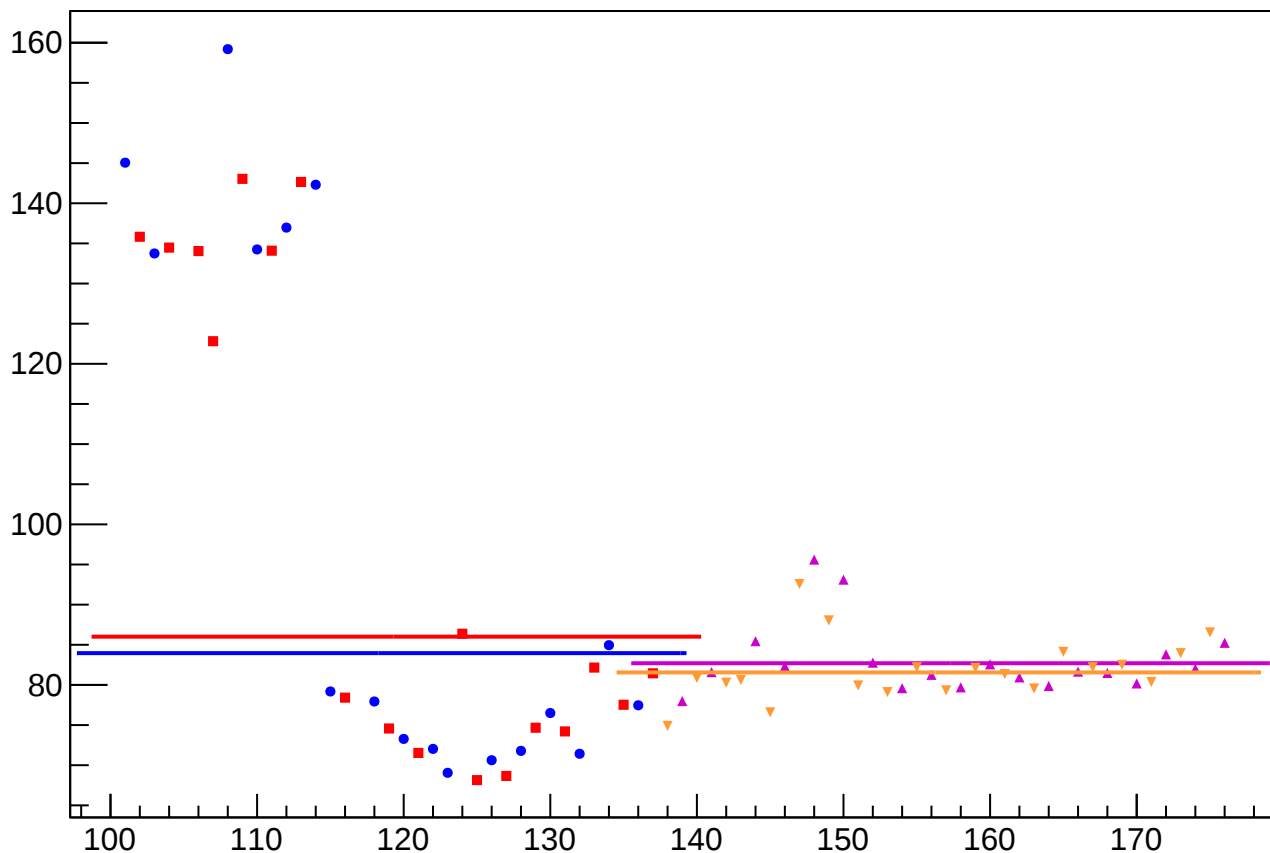
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -96.085 $\pm$ 18.077 χ^2/NDF :48.0/35

Out: -110.519 $\pm$ 17.806 χ^2/NDF :62.9/37

All: -103.411 $\pm$ 12.685 χ^2/NDF : 111.2/73

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.556 $\pm$ 0.015 χ^2 /NDF: 62513.7/19

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.703 $\pm$ 0.015 χ^2 /NDF: 70492.8/18

Left: 82.116 $\pm$ 0.011 χ^2 /NDF: 135933.0/38

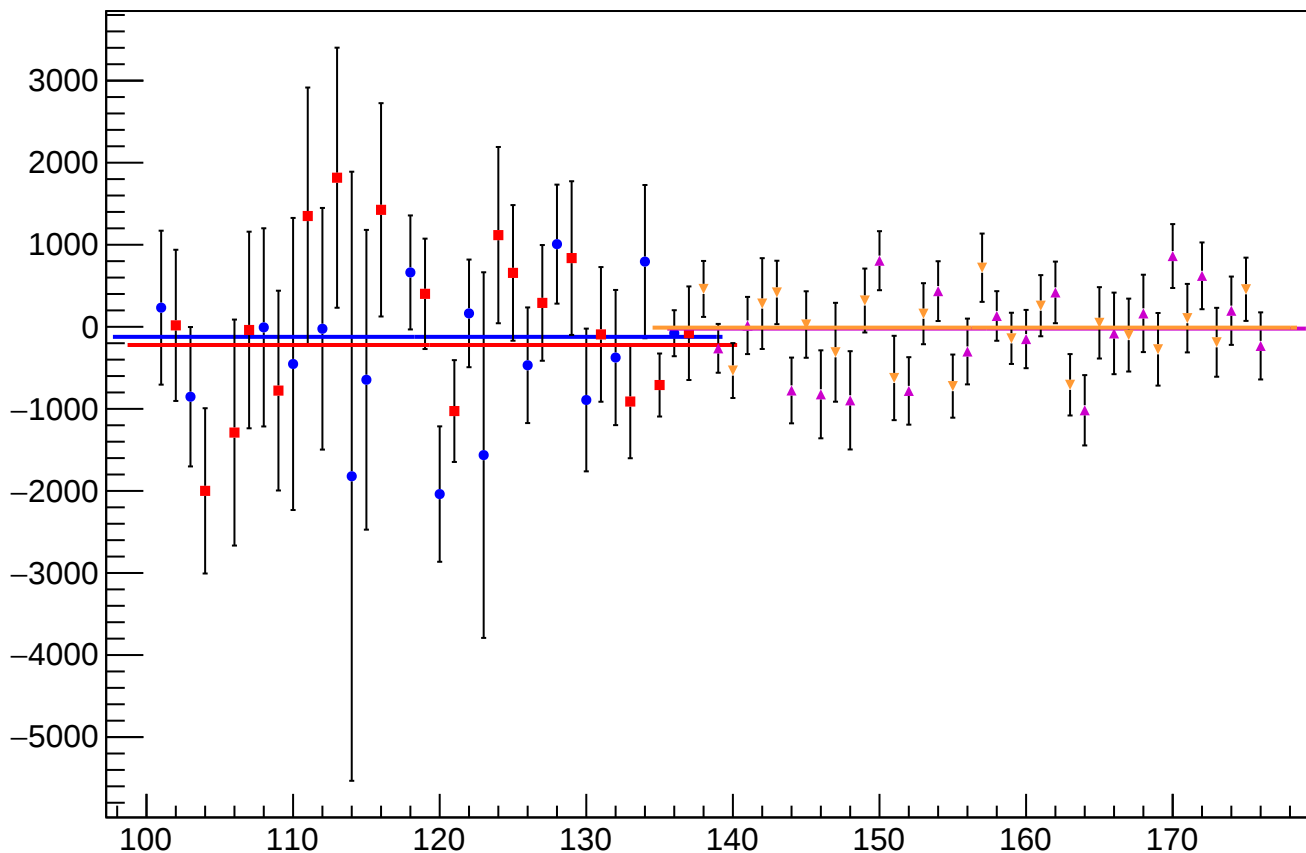
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.066 $\pm$ 0.013 χ^2 /NDF: 1032736.8/35

Out: 82.790 $\pm$ 0.013 χ^2 /NDF: 1113990.4/37

All: 82.926 $\pm$ 0.009 χ^2 /NDF: 2146964.4/73

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -9.979 $\pm$ 89.556 χ^2 /NDF:21.3/19

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -21.991 $\pm$ 89.882 χ^2 /NDF:34.9/18

Left: -15.963 $\pm$ 63.440 χ^2 /NDF: 56.1/38

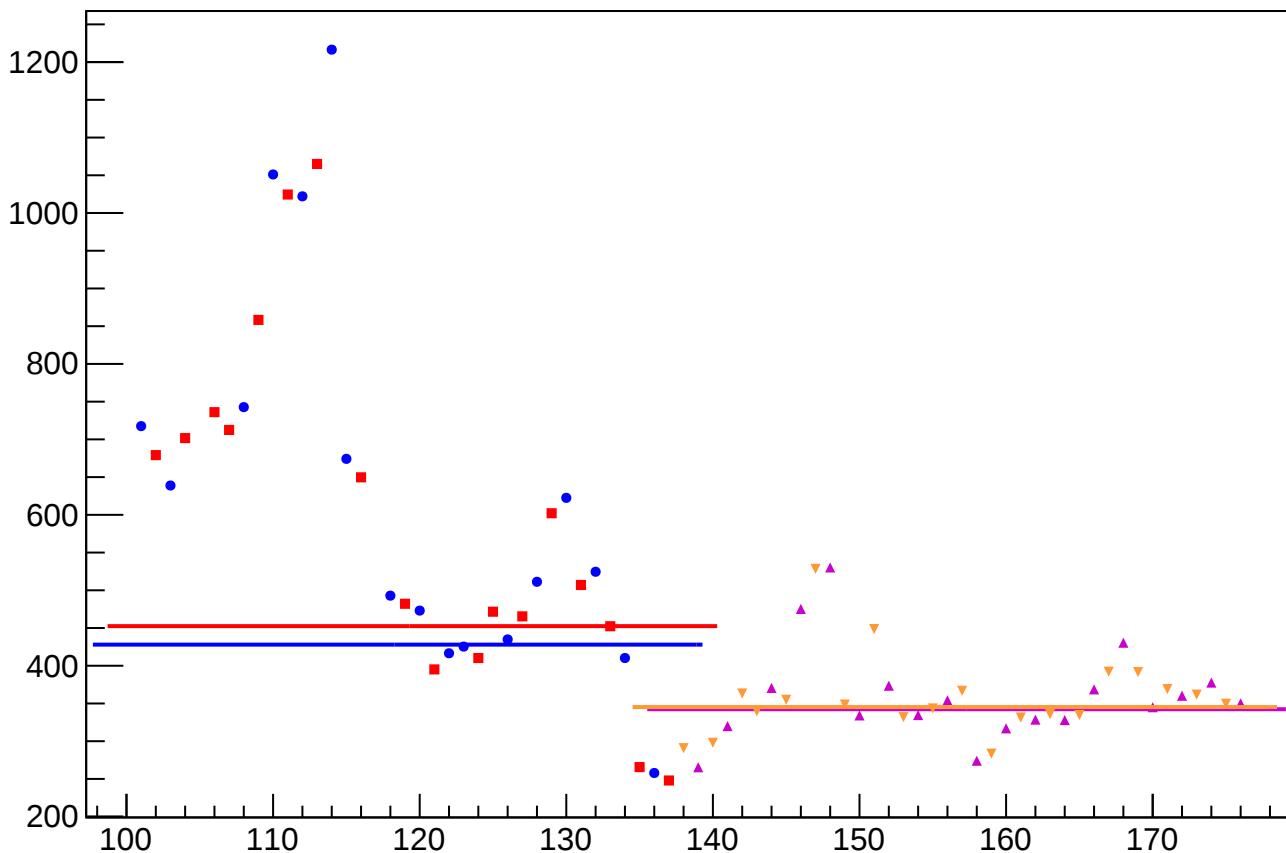
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -42.106 $\pm$ 80.377 χ^2 /NDF:48.1/35

Out: -50.107 $\pm$ 80.616 χ^2 /NDF:40.4/37

All: -46.095 $\pm$ 56.919 χ^2 /NDF: 88.5/73

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.265+/-0.063 χ^2/NDF :505891.5/19

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 342.389+/-0.064 χ^2/NDF :698599.7/18

Left: 343.832+/-0.045 χ^2/NDF : 1205519.1/38

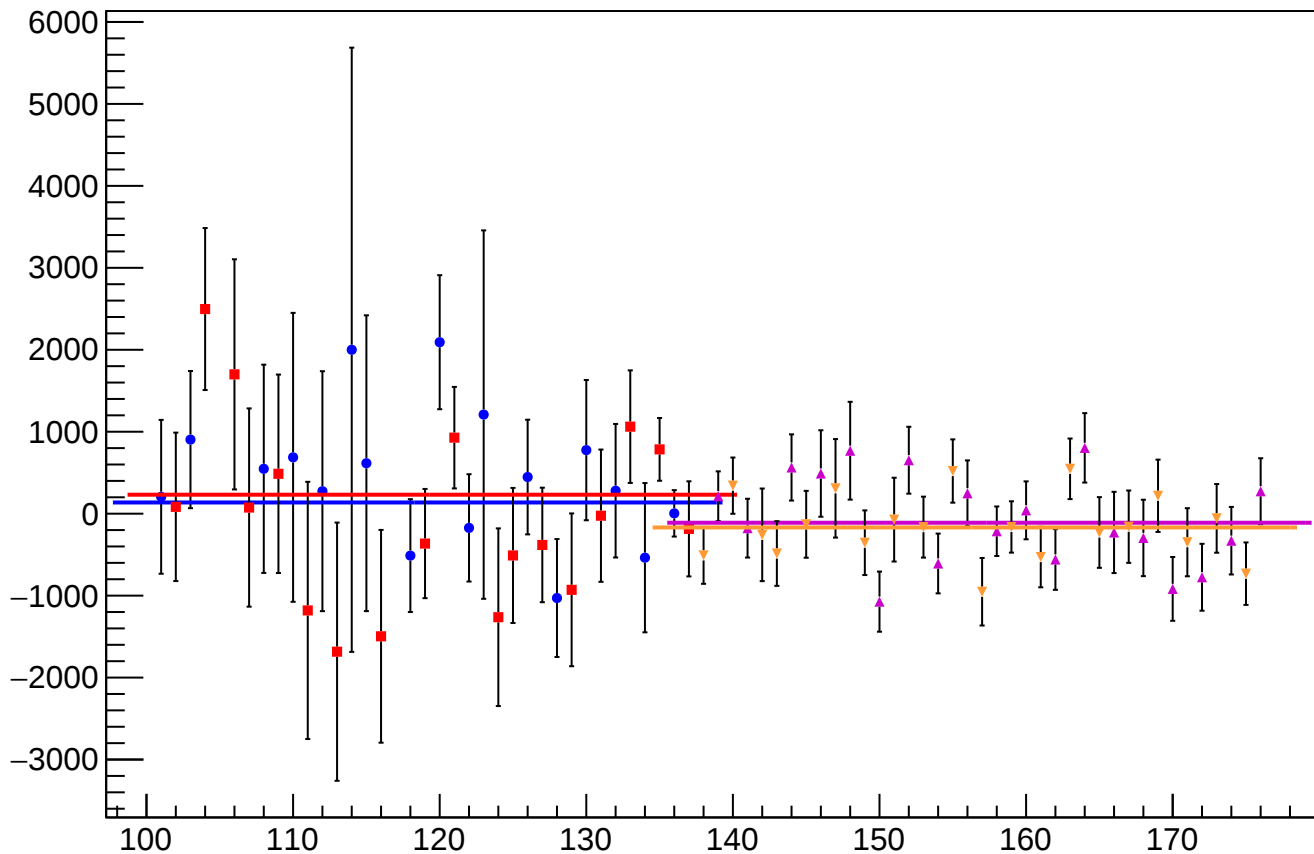
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 359.535+/-0.057 χ^2/NDF :3124184.5/35

Out: 365.608+/-0.057 χ^2/NDF :3122938.3/37

All: 362.562+/-0.040 χ^2/NDF : 6252813.7/73

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -168.206 $\pm$ 89.771 χ^2 /NDF:19.5/19

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -110.568 $\pm$ 90.001 χ^2 /NDF:35.2/18

Left: -139.461 $\pm$ 63.559 χ^2 /NDF: 54.9/38

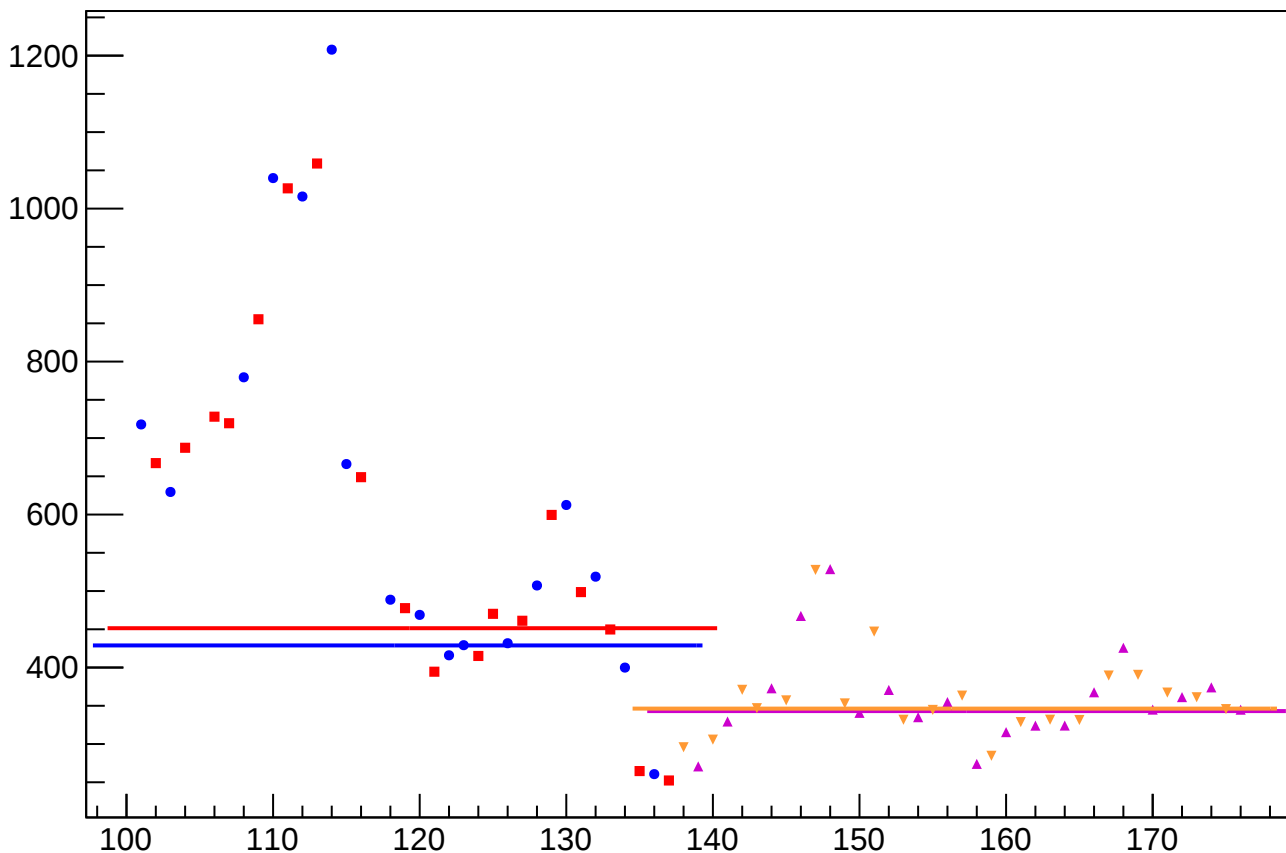
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -60.919 $\pm$ 80.464 χ^2 /NDF:49.4/35

Out: -91.729 $\pm$ 80.729 χ^2 /NDF:45.0/37

All: -76.273 $\pm$ 56.990 χ^2 /NDF: 94.5/73

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 346.300+/-0.063 χ^2/NDF : 476642.2/19

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 343.056+/-0.064 χ^2/NDF : 653022.3/18

Left: 344.682+/-0.045 χ^2/NDF : 1130966.9/38

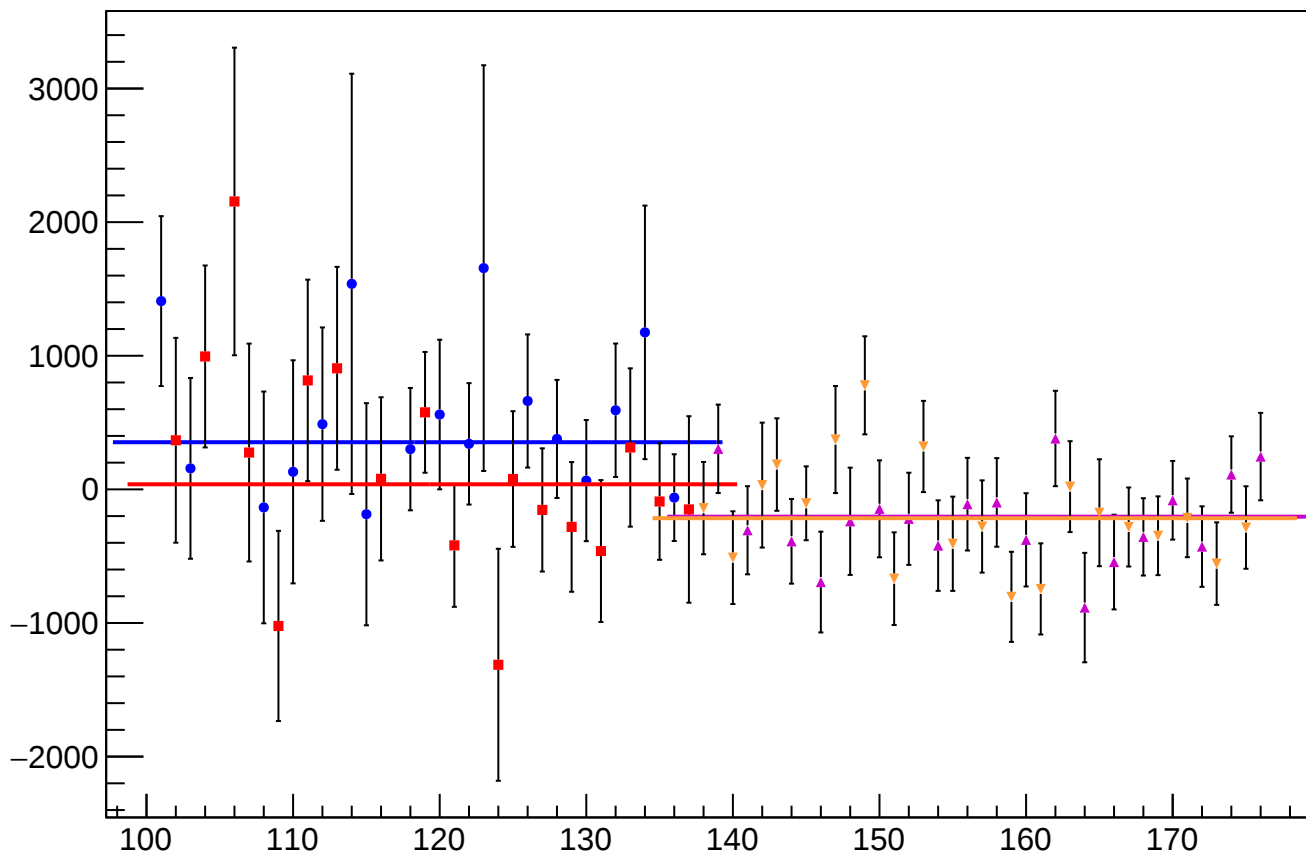
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.283+/-0.057 χ^2/NDF : 3028701.2/35

Out: 366.407+/-0.057 χ^2/NDF : 3031898.3/37

All: 363.335+/-0.040 χ^2/NDF : 6066373.0/73

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -215.742 $\pm$ 75.073 χ^2/NDF :24.0/19

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -204.304 $\pm$ 76.764 χ^2/NDF :15.8/18

Left: -210.151 $\pm$ 53.672 χ^2/NDF : 39.9/38

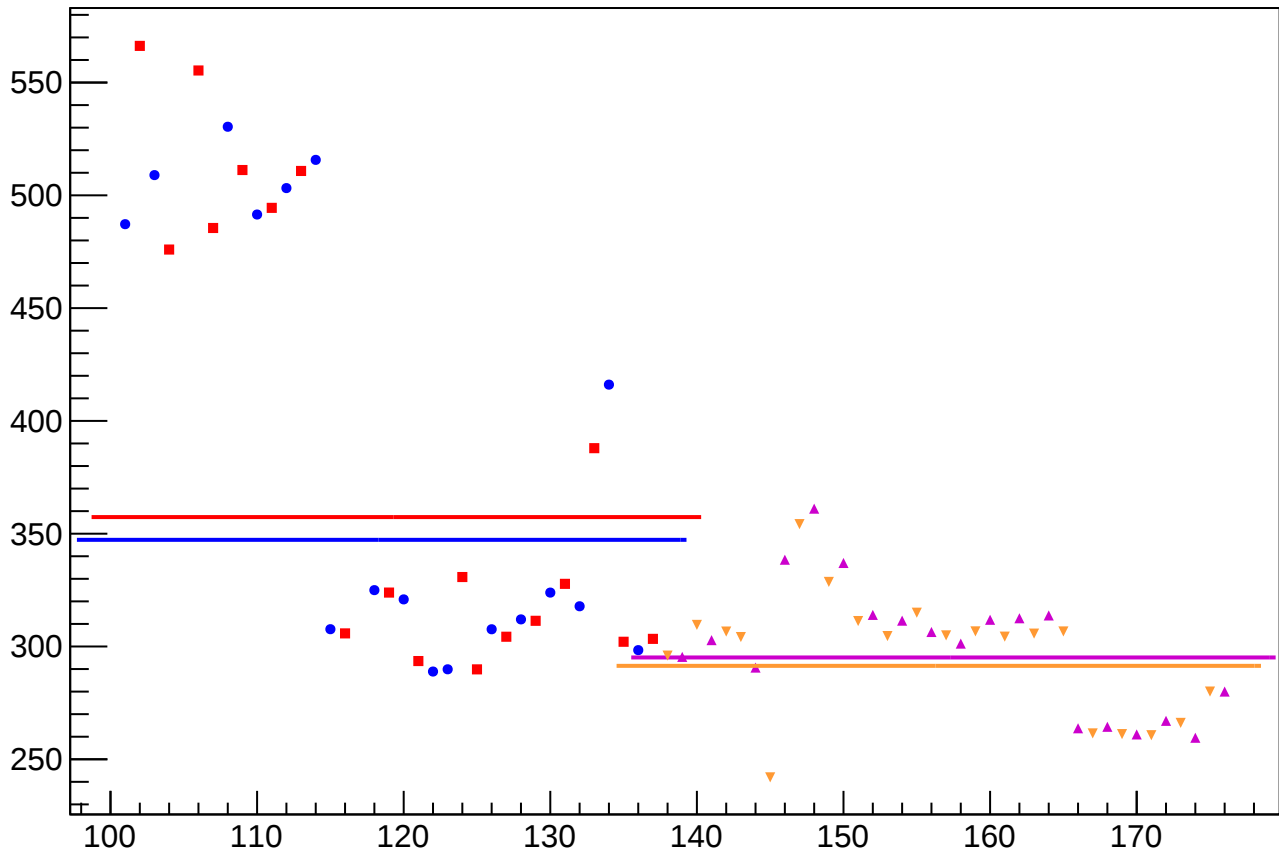
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -71.599 $\pm$ 67.002 χ^2/NDF :36.9/35

Out: -158.459 $\pm$ 66.057 χ^2/NDF :43.5/37

All: -115.646 $\pm$ 47.040 χ^2/NDF : 81.3/73

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 291.419+/-0.053 χ^2/NDF : 258950.9/19

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 295.133+/-0.054 χ^2/NDF : 253208.8/18

Left: 293.235+/-0.038 χ^2/NDF : 514552.1/38

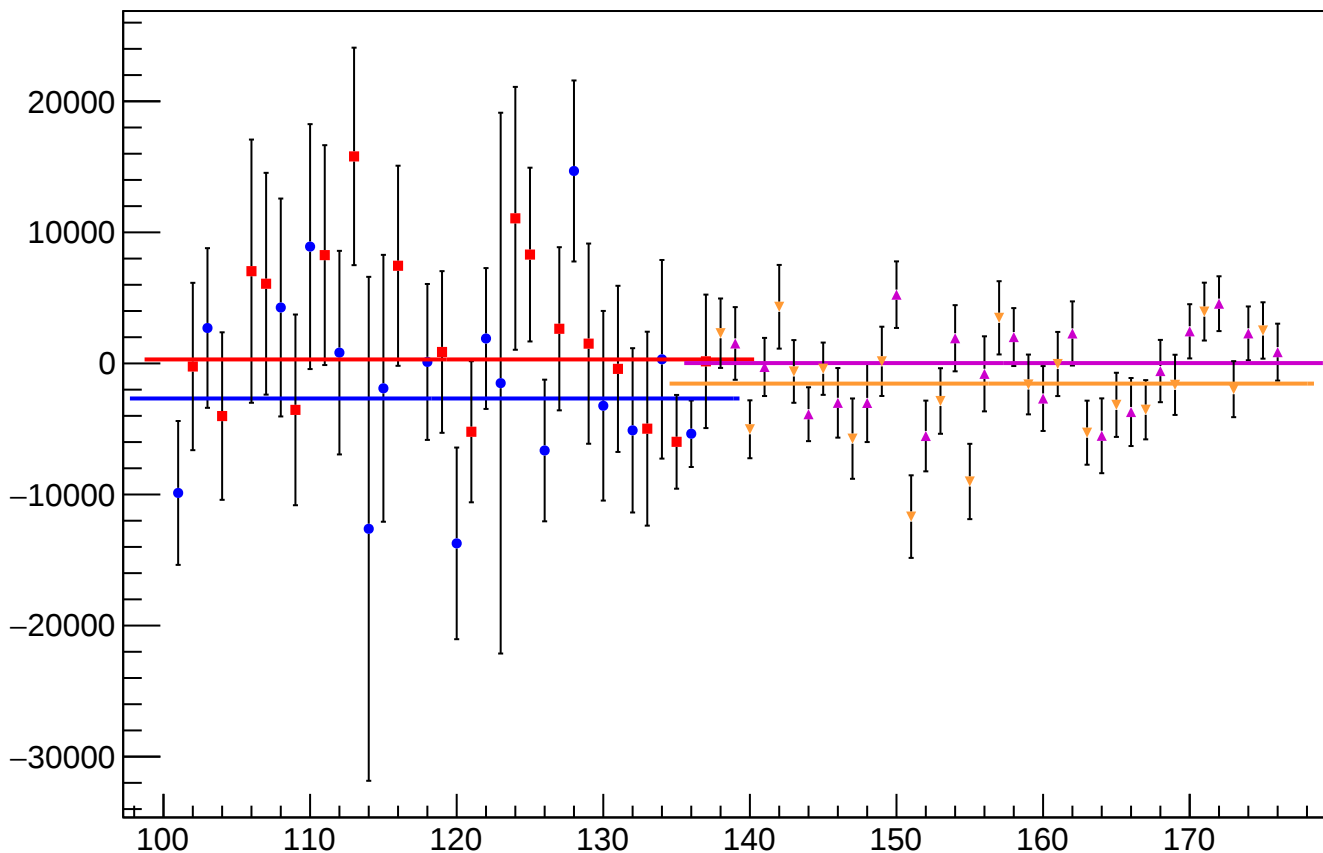
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 307.552+/-0.047 χ^2/NDF : 1091915.9/35

Out: 306.308+/-0.047 χ^2/NDF : 1367304.1/37

All: 306.921+/-0.033 χ^2/NDF : 2459569.5/73

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1539.400 $\pm$ 546.314 χ^2 /NDF: 45.1/19

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: 26.595 $\pm$ 551.281 χ^2 /NDF: 31.6/18

Left: -763.489 $\pm$ 388.046 χ^2 /NDF: 80.7/38

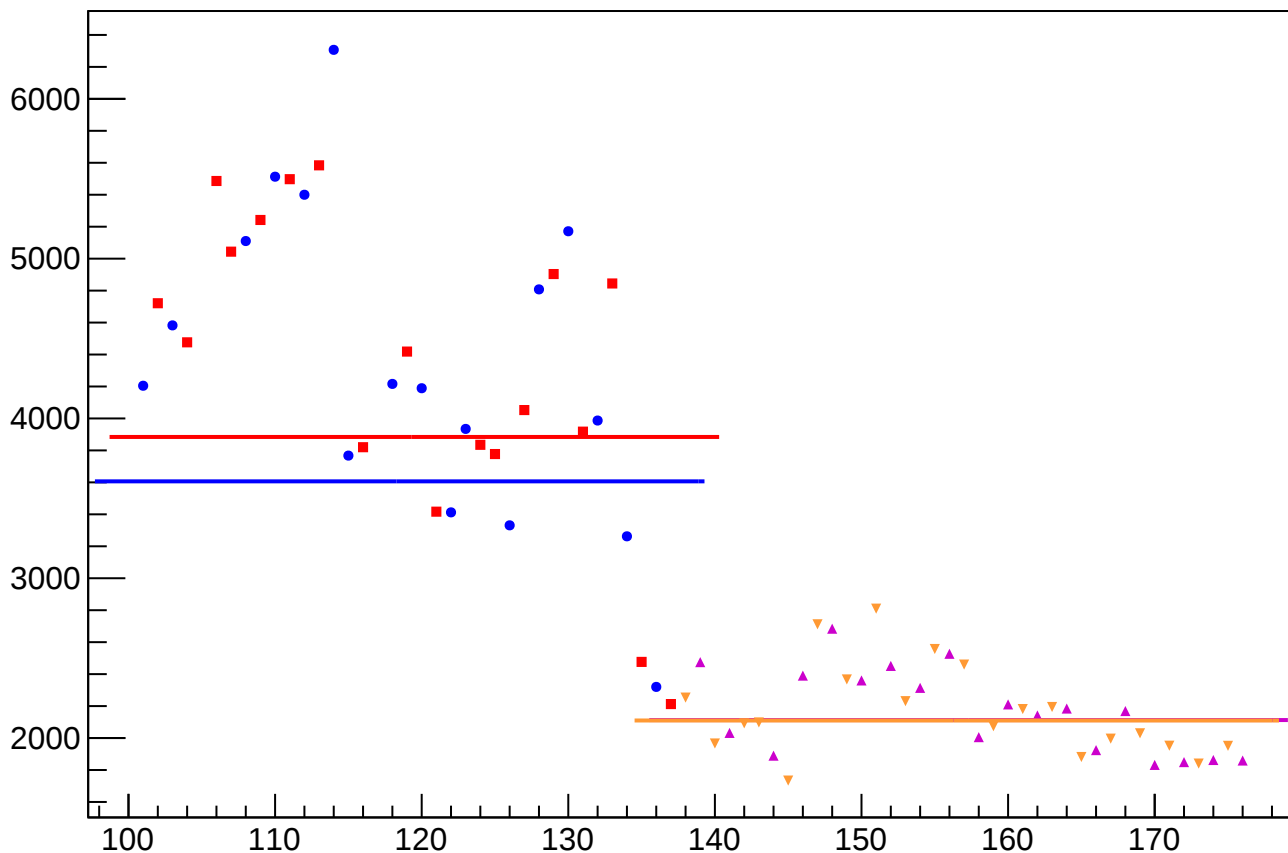
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -311.942 $\pm$ 515.571 χ^2 /NDF: 51.3/35

Out: -1327.884 $\pm$ 514.031 χ^2 /NDF: 60.8/37

All: -821.433 $\pm$ 364.018 χ^2 /NDF: 114.0/73

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2109.889+/-0.386 χ^2/NDF : 447215.5/19

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2112.549+/-0.390 χ^2/NDF : 407294.9/18

Left: 2111.207+/-0.274 χ^2/NDF : 854533.9/38

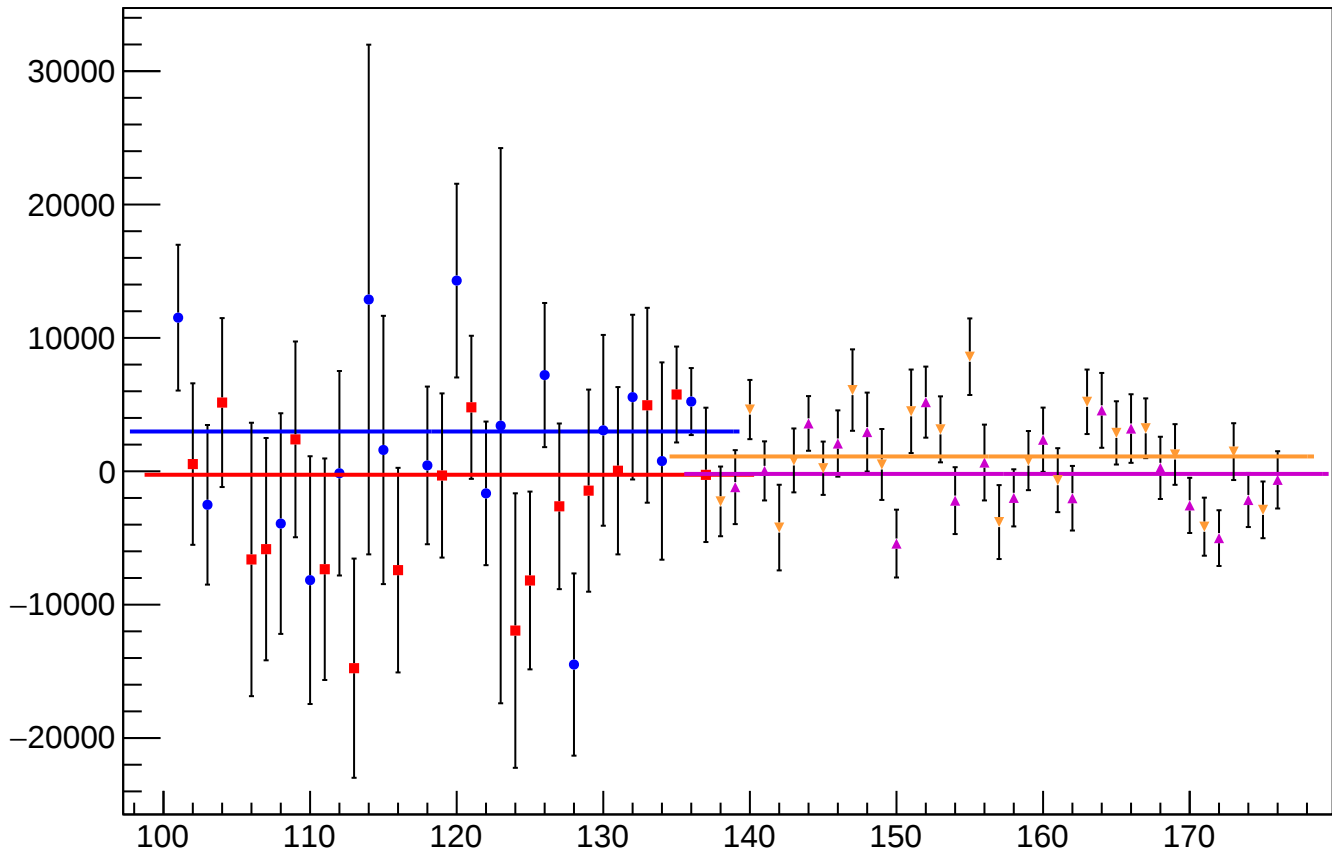
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2299.806+/-0.365 χ^2/NDF : 3340659.4/35

Out: 2313.388+/-0.363 χ^2/NDF : 3861354.0/37

All: 2306.617+/-0.257 χ^2/NDF : 7202709.5/73

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1111.791+/-541.668 χ^2/NDF : 36.0/19

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: -196.919+/-544.599 χ^2/NDF : 29.2/18

Left: 460.967+/-384.049 χ^2/NDF : 68.0/38

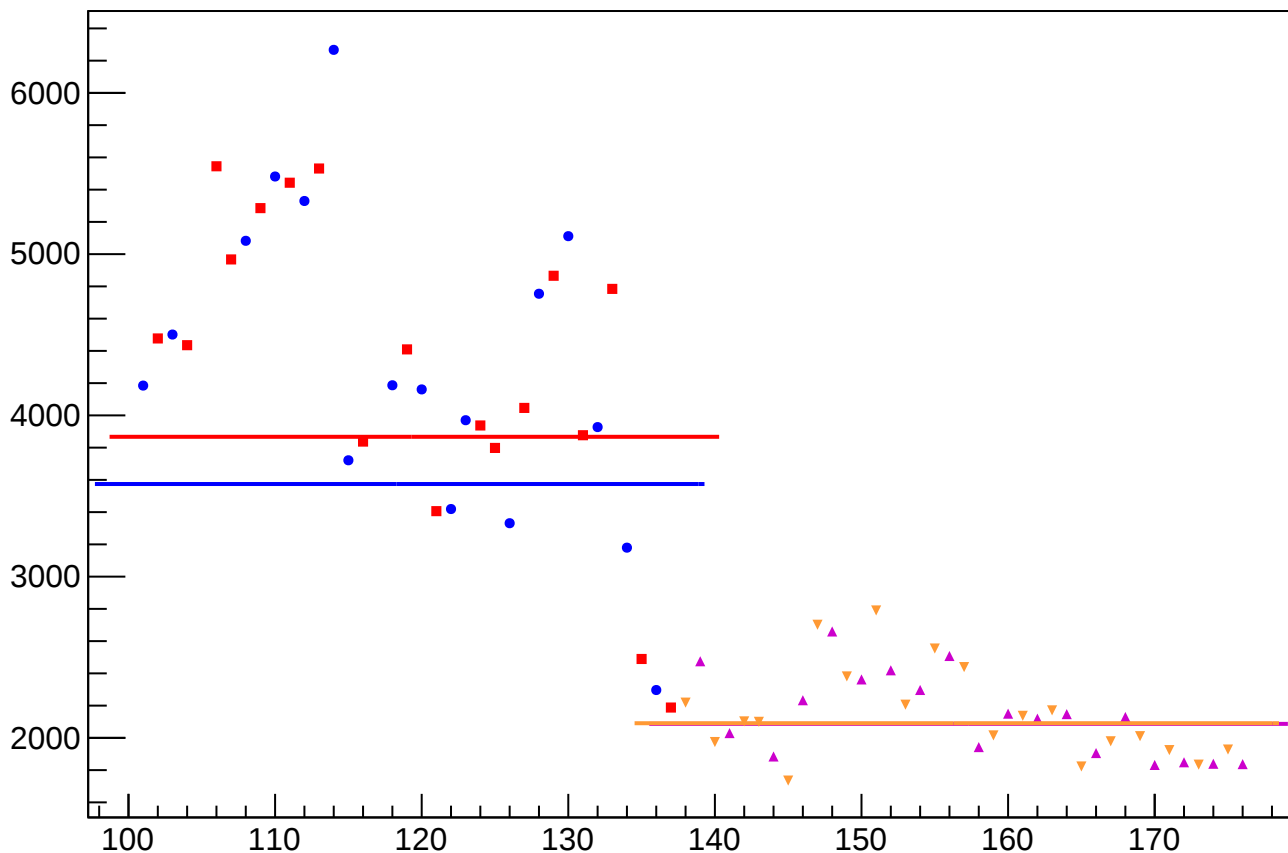
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 199.320+/-509.547 χ^2/NDF : 50.9/35

Out: 955.489+/-509.869 χ^2/NDF : 50.2/37

All: 577.165+/-360.418 χ^2/NDF : 102.2/73

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2090.764+/-0.383 χ^2/NDF : 456250.4/19

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2086.796+/-0.385 χ^2/NDF : 389937.1/18

Left: 2088.791+/-0.272 χ^2/NDF : 846240.9/38

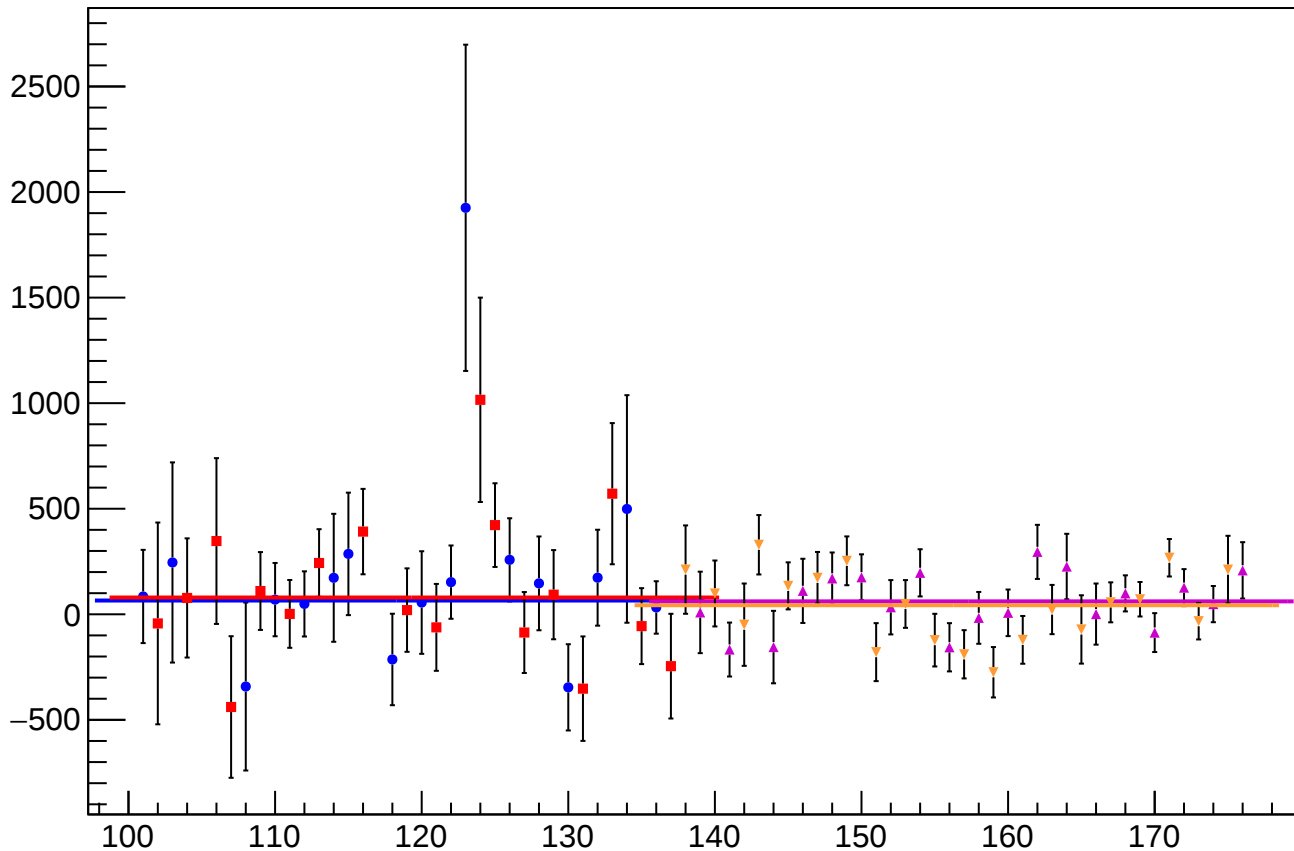
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2272.121+/-0.360 χ^2/NDF : 3340315.8/35

Out: 2293.217+/-0.361 χ^2/NDF : 3875957.8/37

All: 2282.662+/-0.255 χ^2/NDF : 7217986.6/73

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 42.961 $\pm$ 26.206 χ^2 /NDF:36.9/19

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 61.238 $\pm$ 26.641 χ^2 /NDF:21.8/18

Left: 51.949 $\pm$ 18.682 χ^2 /NDF: 59.0/38

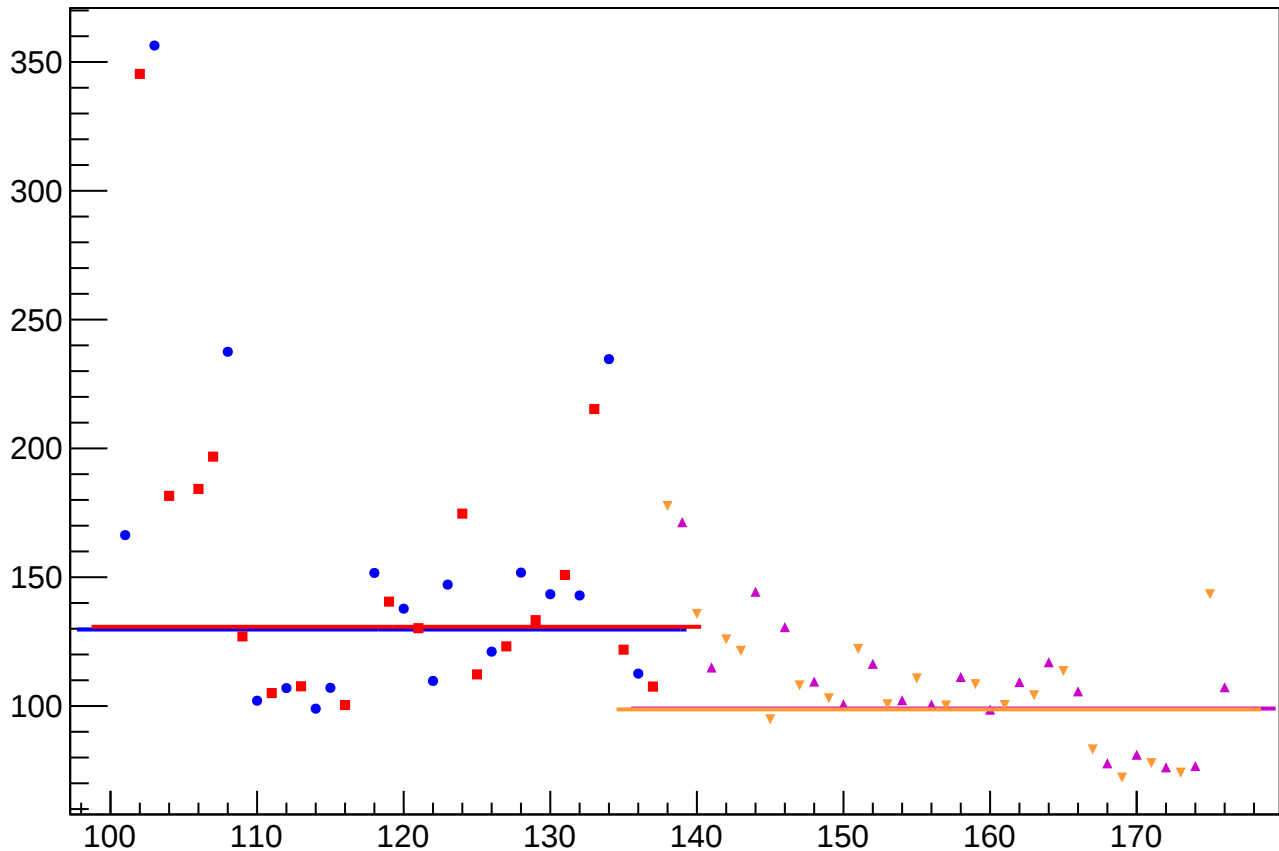
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 62.049 $\pm$ 23.776 χ^2 /NDF:37.6/35

Out: 50.279 $\pm$ 23.433 χ^2 /NDF:59.5/37

All: 56.079 $\pm$ 16.689 χ^2 /NDF: 97.1/73

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 98.689 $\pm$ 0.019 χ^2 /NDF:1310281.7/19

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 99.024 $\pm$ 0.019 χ^2 /NDF:1133847.9/18

Left: 98.854 $\pm$ 0.013 χ^2 /NDF: 2444290.7/38

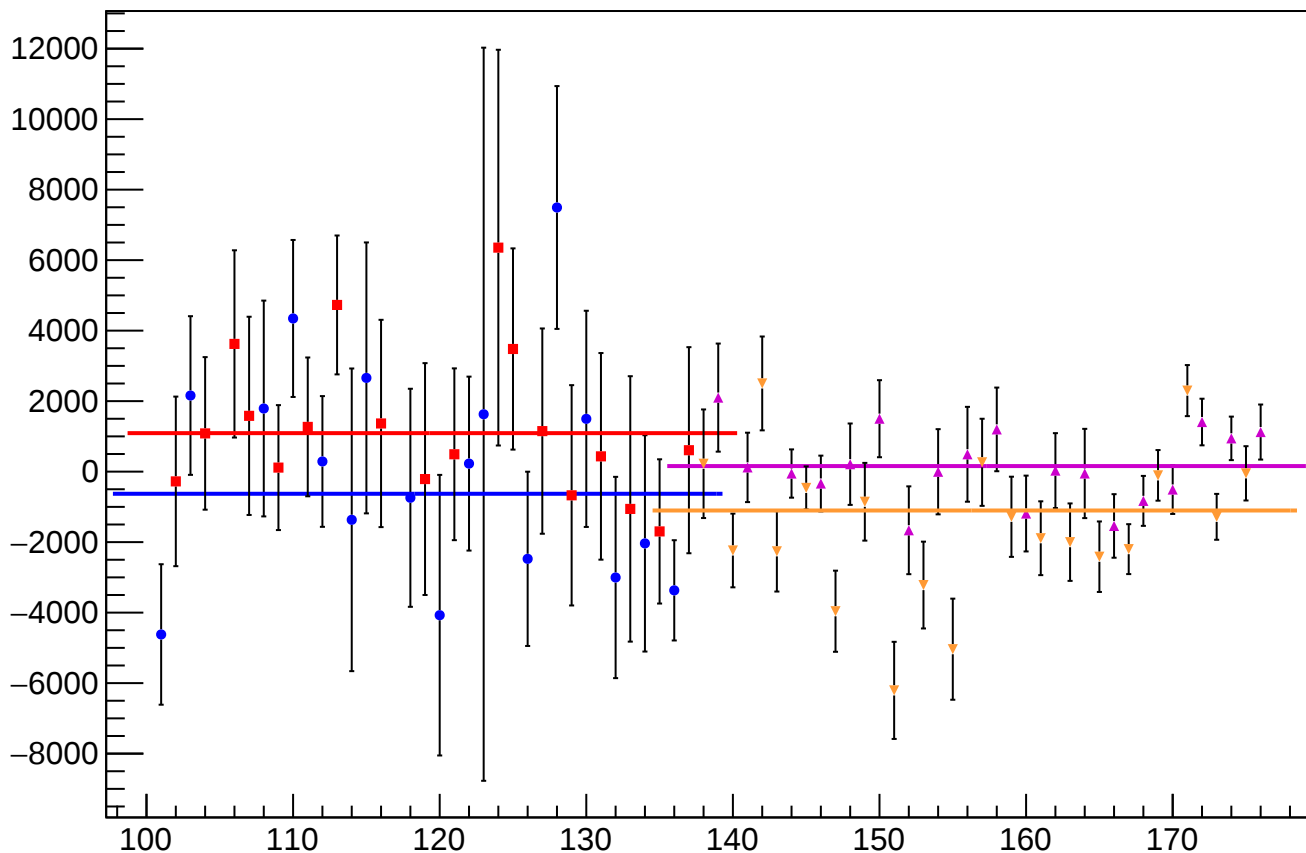
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 105.267 $\pm$ 0.017 χ^2 /NDF:2663121.8/35

Out: 105.115 $\pm$ 0.017 χ^2 /NDF:2837832.7/37

All: 105.190 $\pm$ 0.012 χ^2 /NDF: 5500996.2/73

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 $\pm$ 621.486 χ^2/NDF : 24.3/16

Left Out: -1102.662 $\pm$ 210.096 χ^2/NDF : 74.3/19

Right Out: 1091.945 $\pm$ 599.483 χ^2/NDF : 9.4/17

Left In: 157.702 $\pm$ 205.858 χ^2/NDF : 21.3/18

Left: -459.639 $\pm$ 147.039 χ^2/NDF : 114.0/38

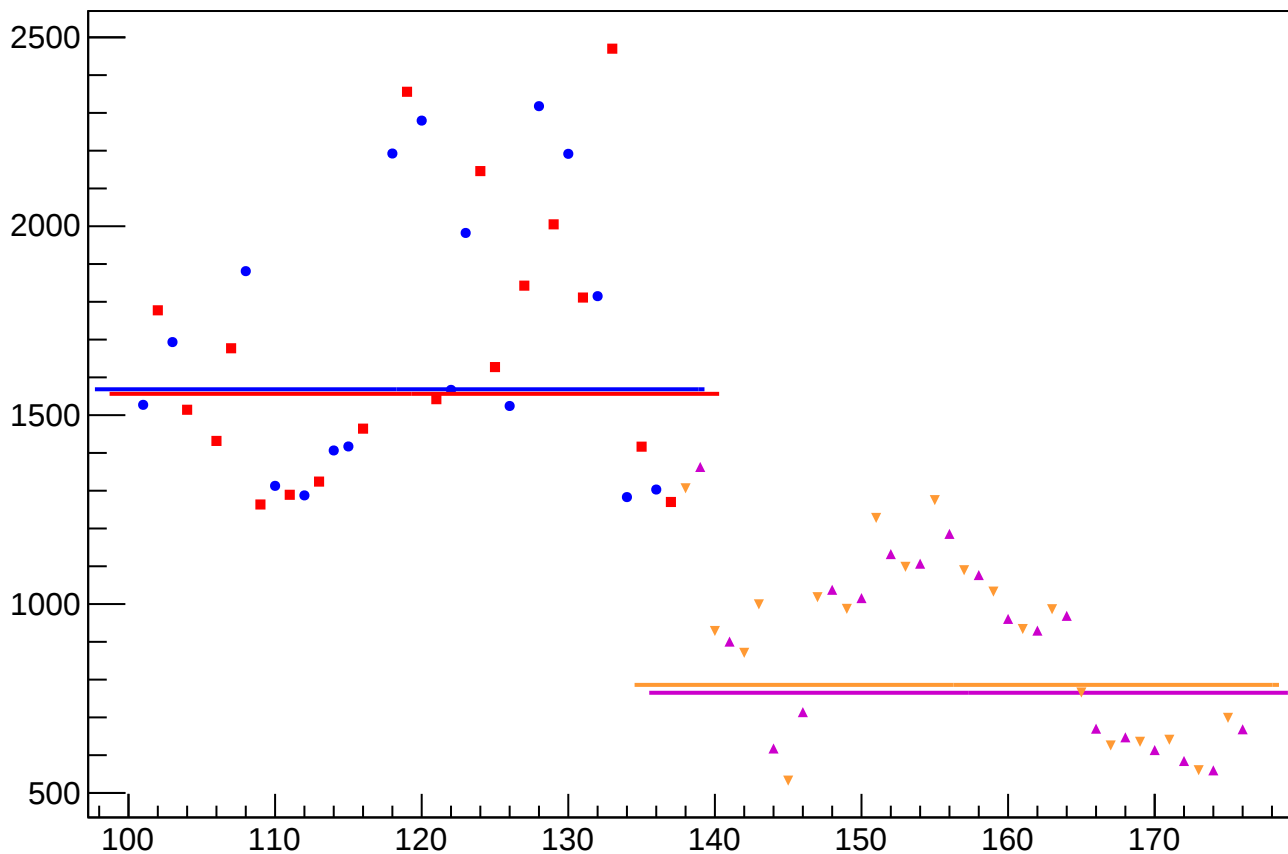
Right: 262.874 $\pm$ 431.468 χ^2/NDF : 37.6/34

In: 80.004 $\pm$ 195.417 χ^2/NDF : 47.1/35

Out: -862.597 $\pm$ 198.272 χ^2/NDF : 95.6/37

All: -384.460 $\pm$ 139.179 χ^2/NDF : 154.2/73

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 786.065+/-0.149 χ^2/NDF : 2262196.2/19

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 765.167+/-0.146 χ^2/NDF : 2066643.1/18

Left: 775.403+/-0.104 χ^2/NDF : 4338934.7/38

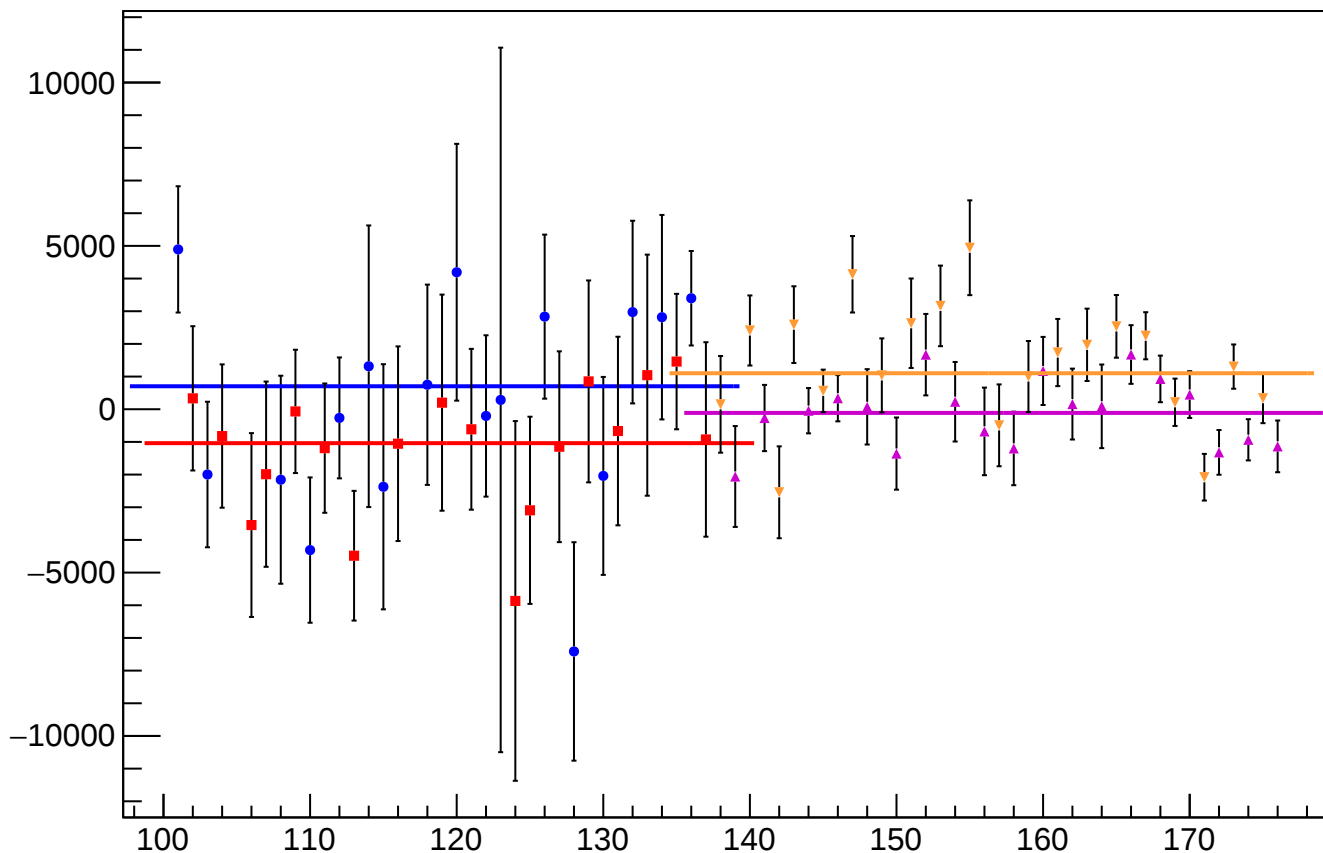
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 844.590+/-0.138 χ^2/NDF : 5611934.5/35

Out: 870.333+/-0.140 χ^2/NDF : 5714026.2/37

All: 857.275+/-0.098 χ^2/NDF : 11343063.3/73

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1102.027+/-212.676 χ^2/NDF : 58.5/19

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -112.207+/-206.337 χ^2/NDF : 21.4/18

Left: 476.545+/-148.093 χ^2/NDF : 96.7/38

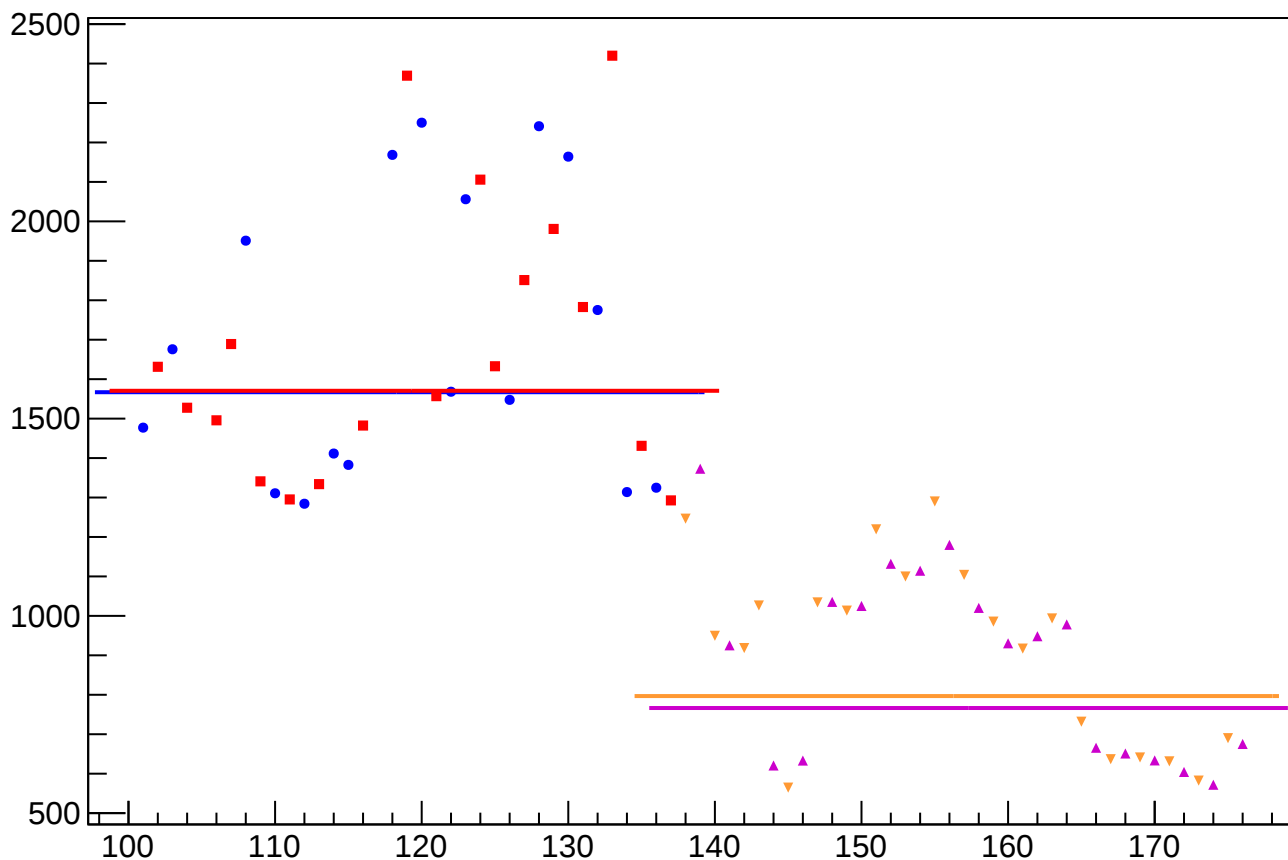
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: -31.061+/-195.799 χ^2/NDF : 48.9/35

Out: 866.094+/-200.613 χ^2/NDF : 77.9/37

All: 406.625+/-140.122 χ^2/NDF : 137.0/73

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 796.732 $\pm$ 0.150 χ^2 /NDF: 2087171.3/19

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 766.438 $\pm$ 0.146 χ^2 /NDF: 1998833.6/18

Left: 781.127 $\pm$ 0.105 χ^2 /NDF: 4106908.2/38

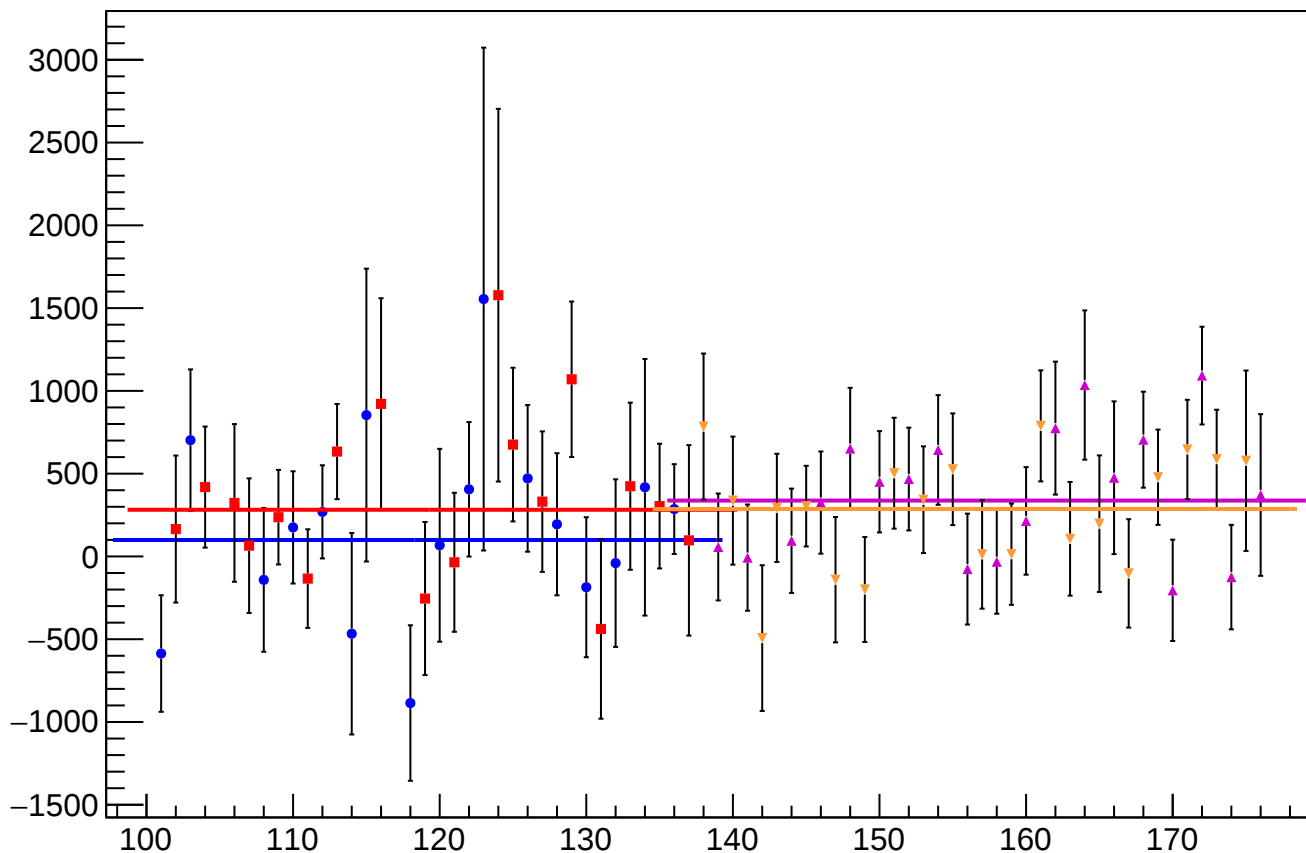
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 846.115 $\pm$ 0.138 χ^2 /NDF: 5494867.2/35

Out: 882.026 $\pm$ 0.142 χ^2 /NDF: 5444886.9/37

All: 863.635 $\pm$ 0.099 χ^2 /NDF: 10972576.5/73

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 286.476 $\pm$ 74.996 χ^2 /NDF:17.7/19

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 337.564 $\pm$ 76.671 χ^2 /NDF:24.6/18

Left: 311.456 $\pm$ 53.613 χ^2 /NDF: 42.5/38

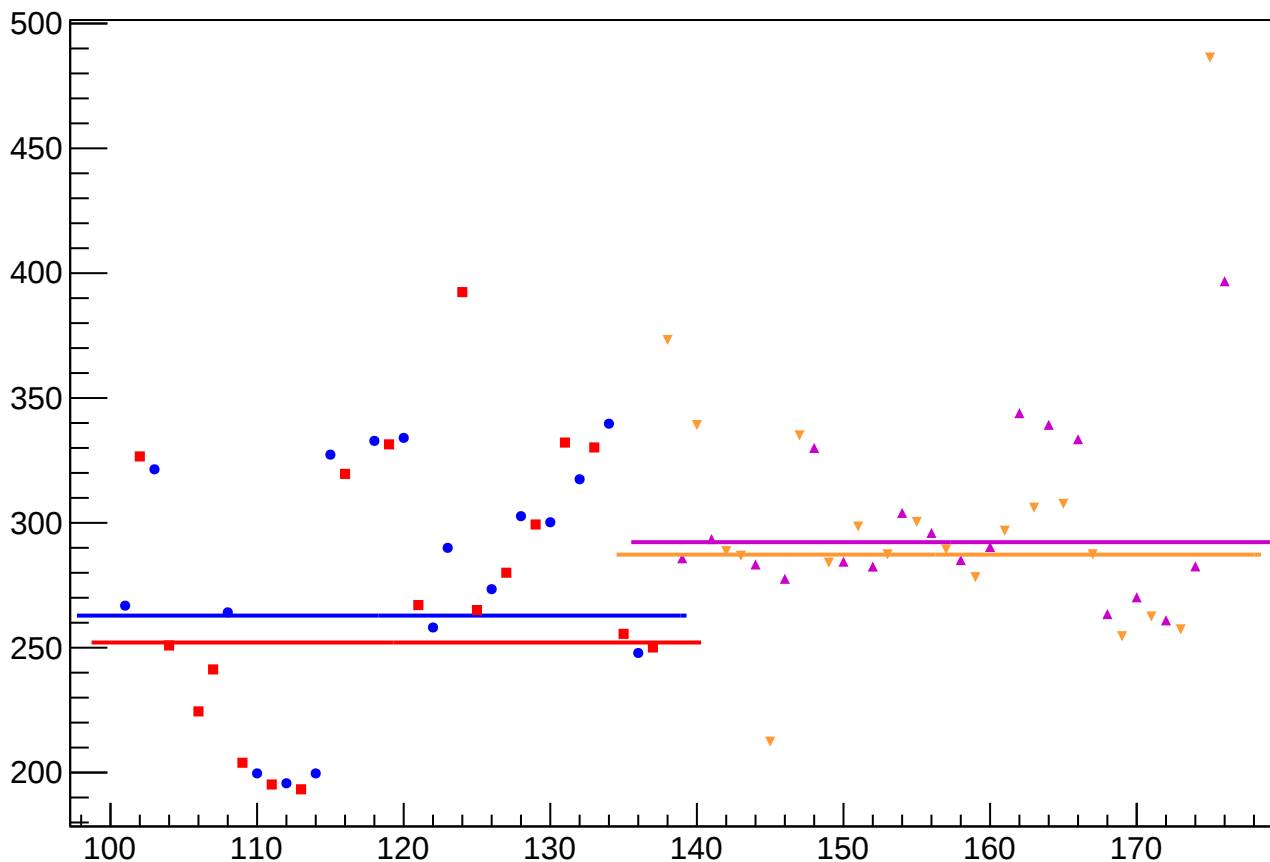
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 253.134 $\pm$ 61.601 χ^2 /NDF:43.9/35

Out: 284.757 $\pm$ 59.531 χ^2 /NDF:31.4/37

All: 269.486 $\pm$ 42.808 χ^2 /NDF: 75.4/73

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 287.276+/-0.053 χ^2/NDF : 679123.2/19

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 292.270+/-0.054 χ^2/NDF : 252216.8/18

Left: 289.718+/-0.038 χ^2/NDF : 935675.0/38

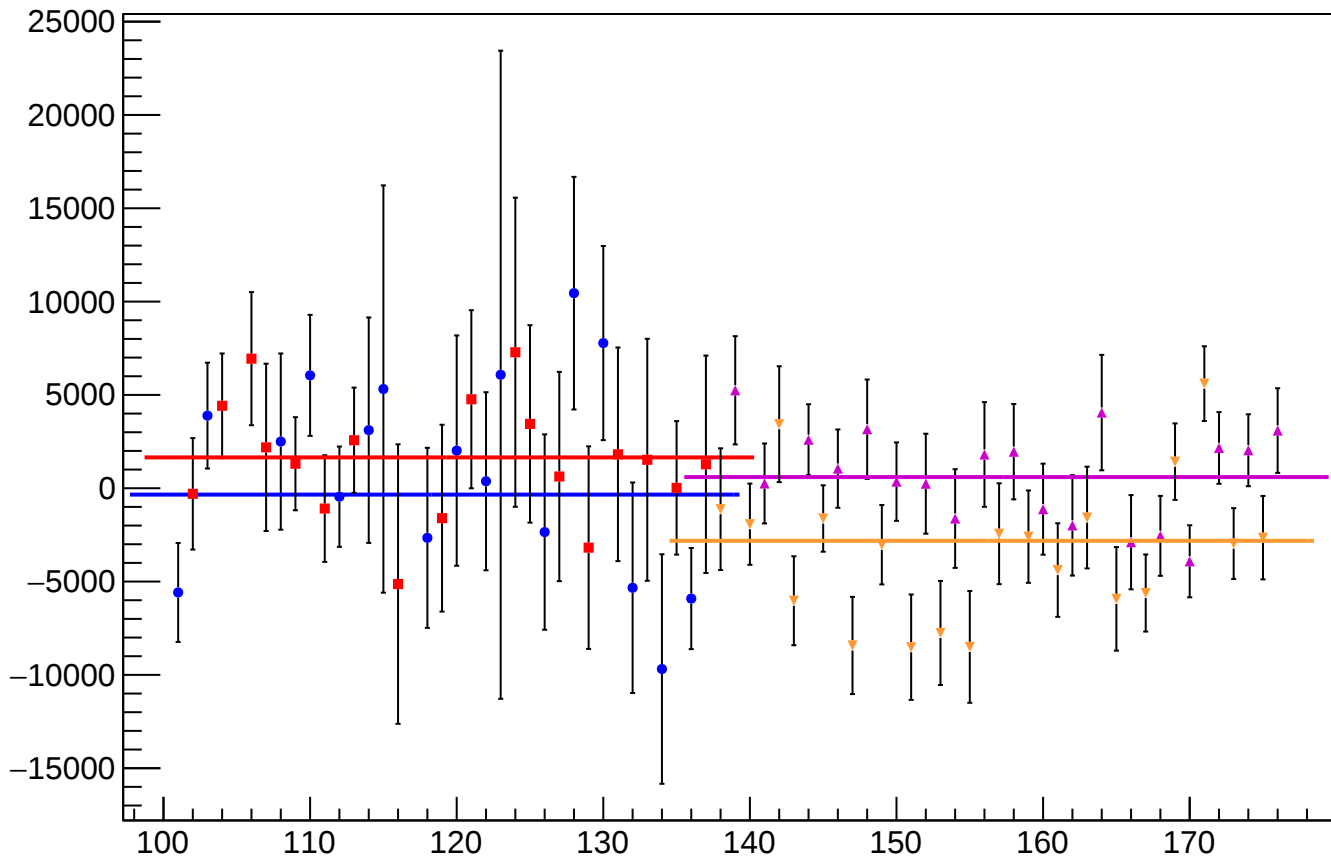
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 281.843+/-0.044 χ^2/NDF : 768254.3/35

Out: 274.257+/-0.042 χ^2/NDF : 1357223.6/37

All: 277.920+/-0.030 χ^2/NDF : 2141163.6/73

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2816.419+/-530.135 χ^2/NDF : 47.9/19

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 597.994+/-529.980 χ^2/NDF : 20.5/18

Left: -1108.712+/-374.807 χ^2/NDF : 89.2/38

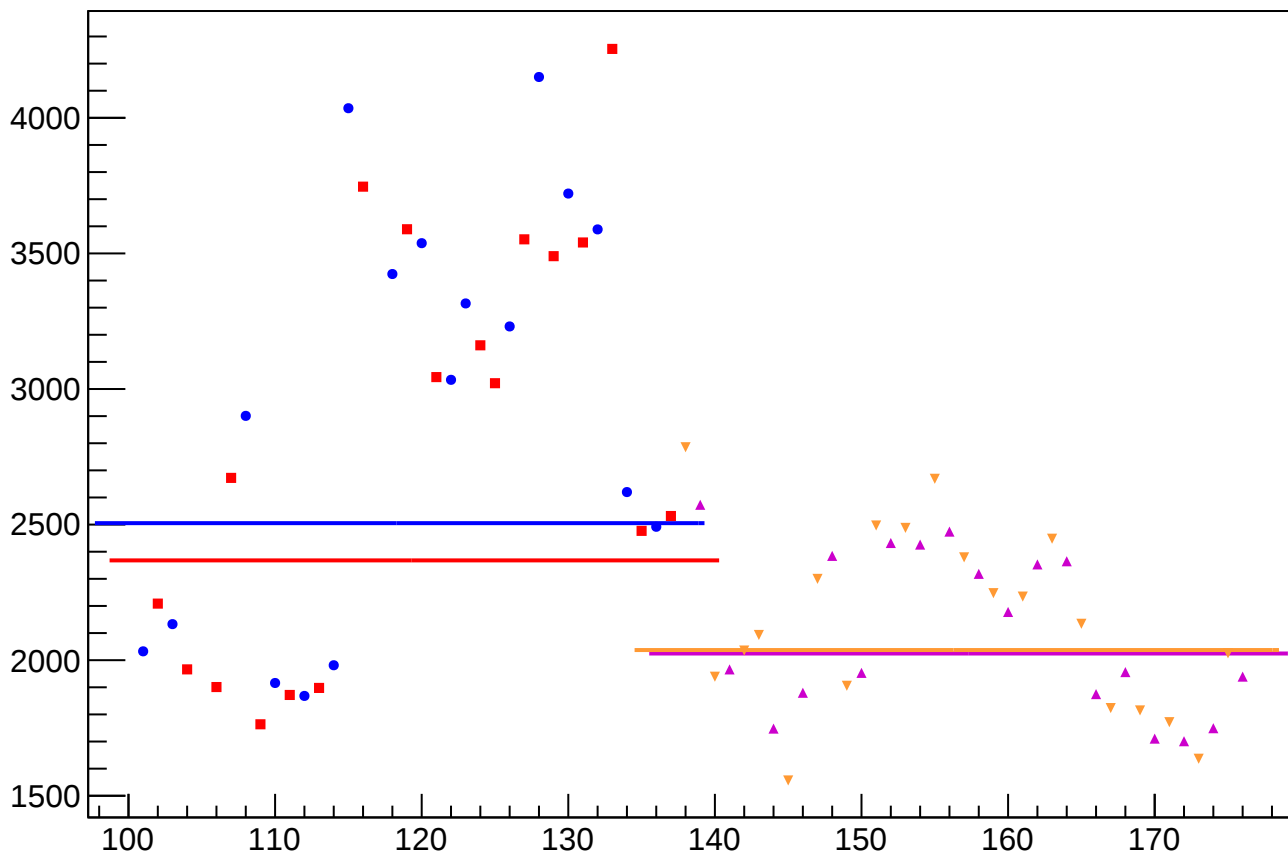
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 393.451+/-468.753 χ^2/NDF : 45.6/35

Out: -1720.294+/-460.545 χ^2/NDF : 73.3/37

All: -682.090+/-328.518 χ^2/NDF : 129.3/73

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2037.363 $\pm$ 0.375 χ^2 /NDF: 754664.9/19

Right Out: 2368.003 $\pm$ 0.658 χ^2 /NDF: 1030879.9/17

Left In: 2024.622 $\pm$ 0.375 χ^2 /NDF: 558495.0/18

Left: 2030.990 $\pm$ 0.265 χ^2 /NDF: 1313737.7/38

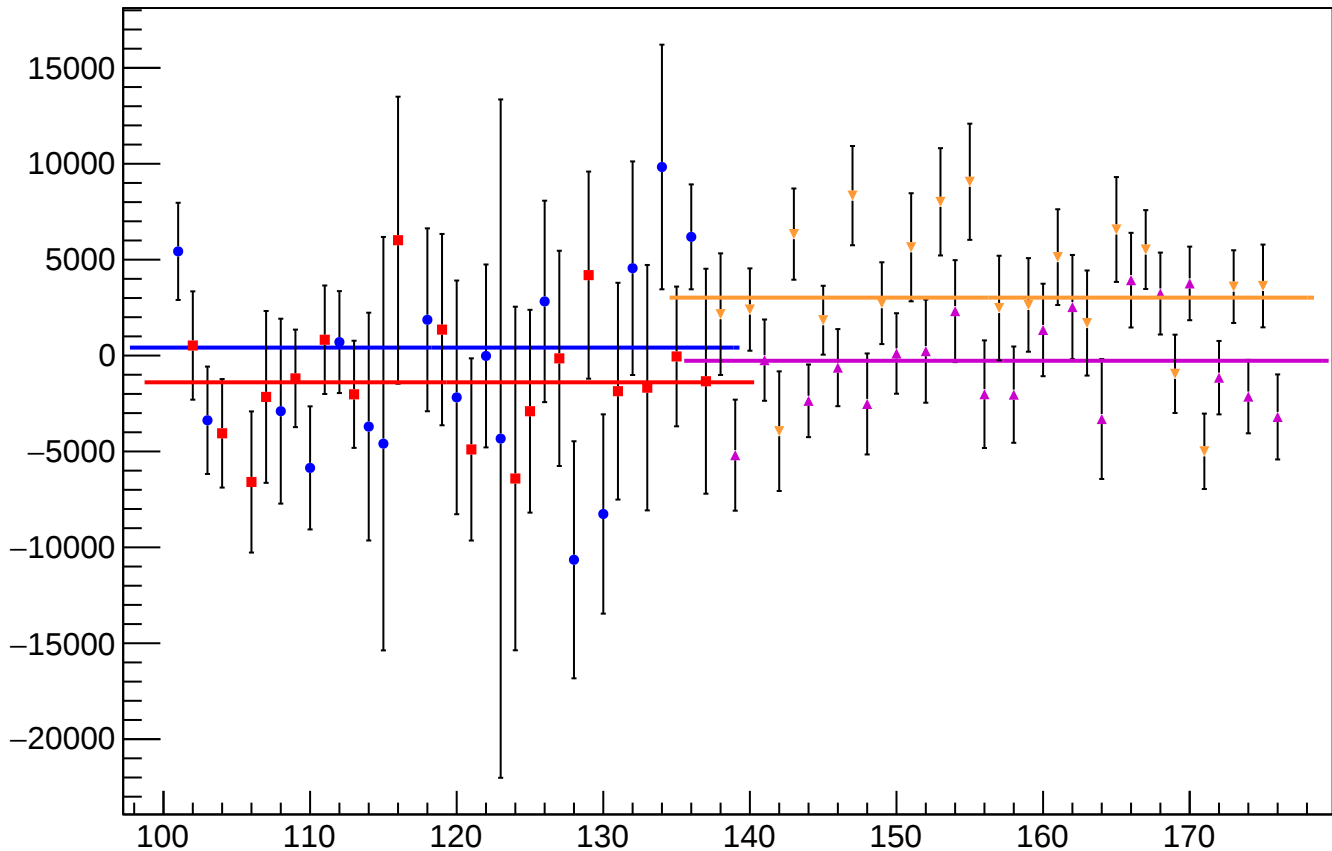
Right: 2431.366 $\pm$ 0.483 χ^2 /NDF: 1915141.0/34

In: 2129.275 $\pm$ 0.331 χ^2 /NDF: 1780844.6/35

Out: 2118.471 $\pm$ 0.326 χ^2 /NDF: 1976388.8/37

All: 2123.778 $\pm$ 0.232 χ^2 /NDF: 3757774.0/73

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3020.628+/-527.235 χ^2/NDF :44.6/19

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -272.103+/-525.640 χ^2/NDF :22.1/18

Left: 1369.275+/-372.246 χ^2/NDF : 86.3/38

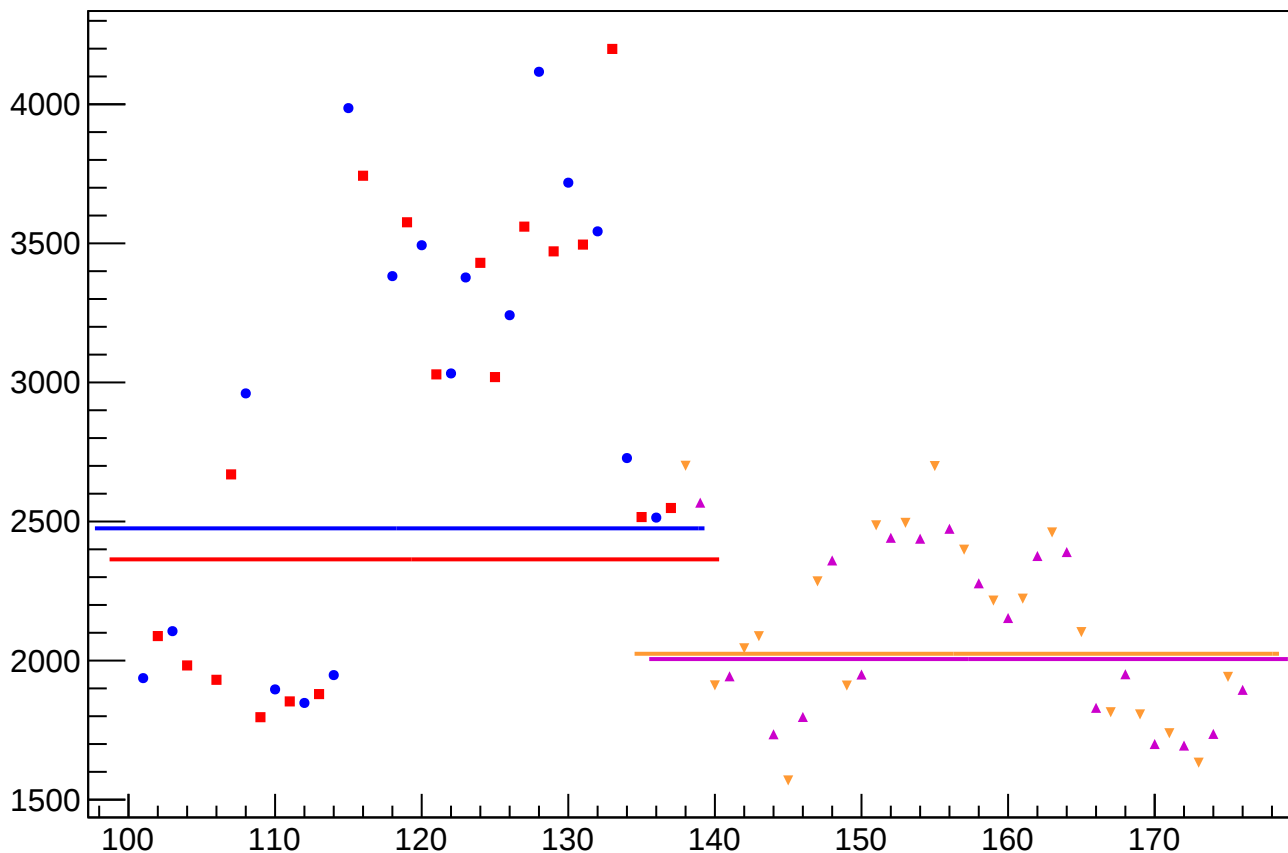
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -122.044+/-464.763 χ^2/NDF :47.0/35

Out: 1944.961+/-458.536 χ^2/NDF :69.2/37

All: 925.398+/-326.413 χ^2/NDF : 126.2/73

asym_sam4_rms vs Slug, Sign Corrected



Left: 2014.964 +/- 0.263 χ^2/NDF : 1349157.9/38

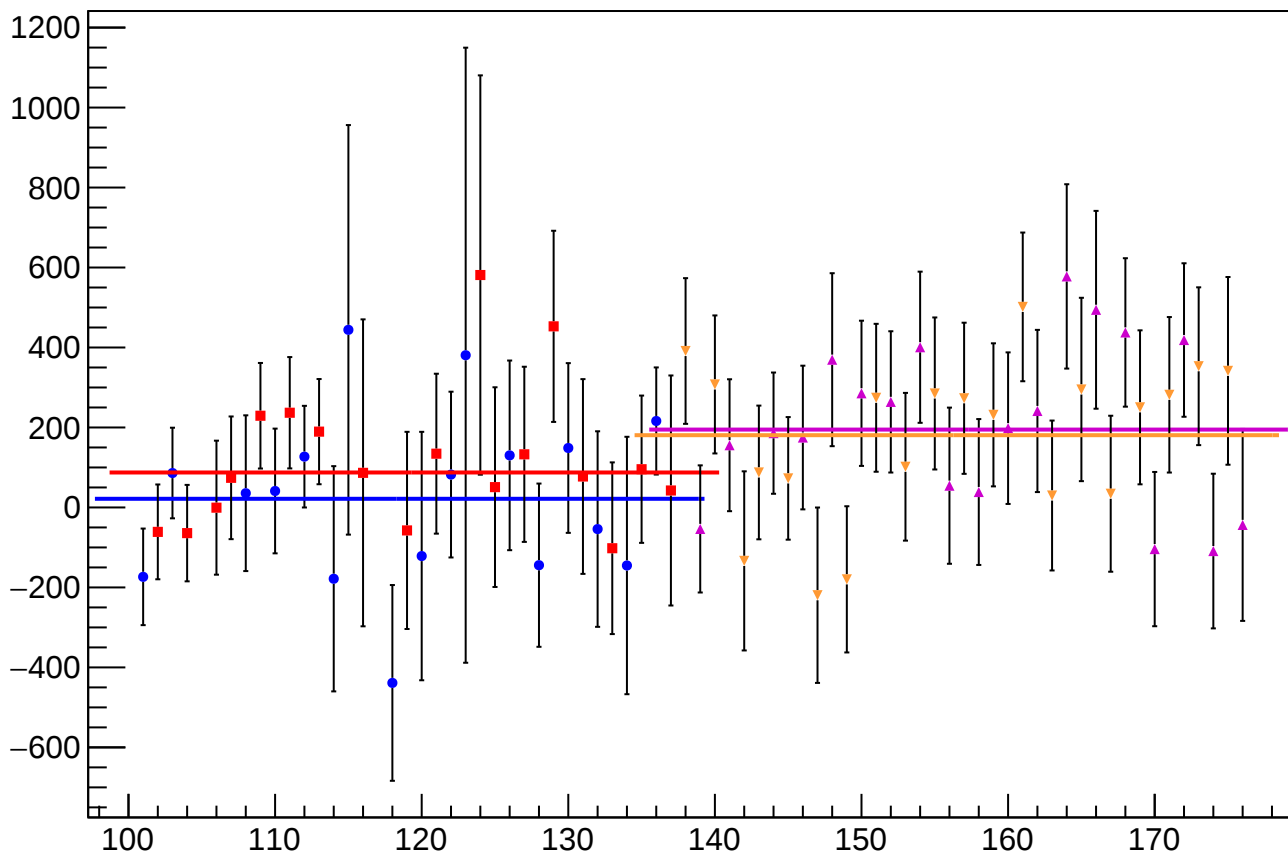
Right: 2415.854 +/- 0.480 χ^2/NDF : 1953375.1/34

In: 2108.017 +/- 0.329 χ^2/NDF : 1858316.2/35

Out: 2107.208 +/- 0.324 χ^2/NDF : 1980263.0/37

All: 2107.607 +/- 0.231 χ^2/NDF : 3838582.2/73

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 180.704 $\pm$ 42.327 χ^2/NDF : 19.0/19

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 194.731 $\pm$ 43.301 χ^2/NDF : 19.2/18

Left: 187.558 $\pm$ 30.268 χ^2/NDF : 38.3/38

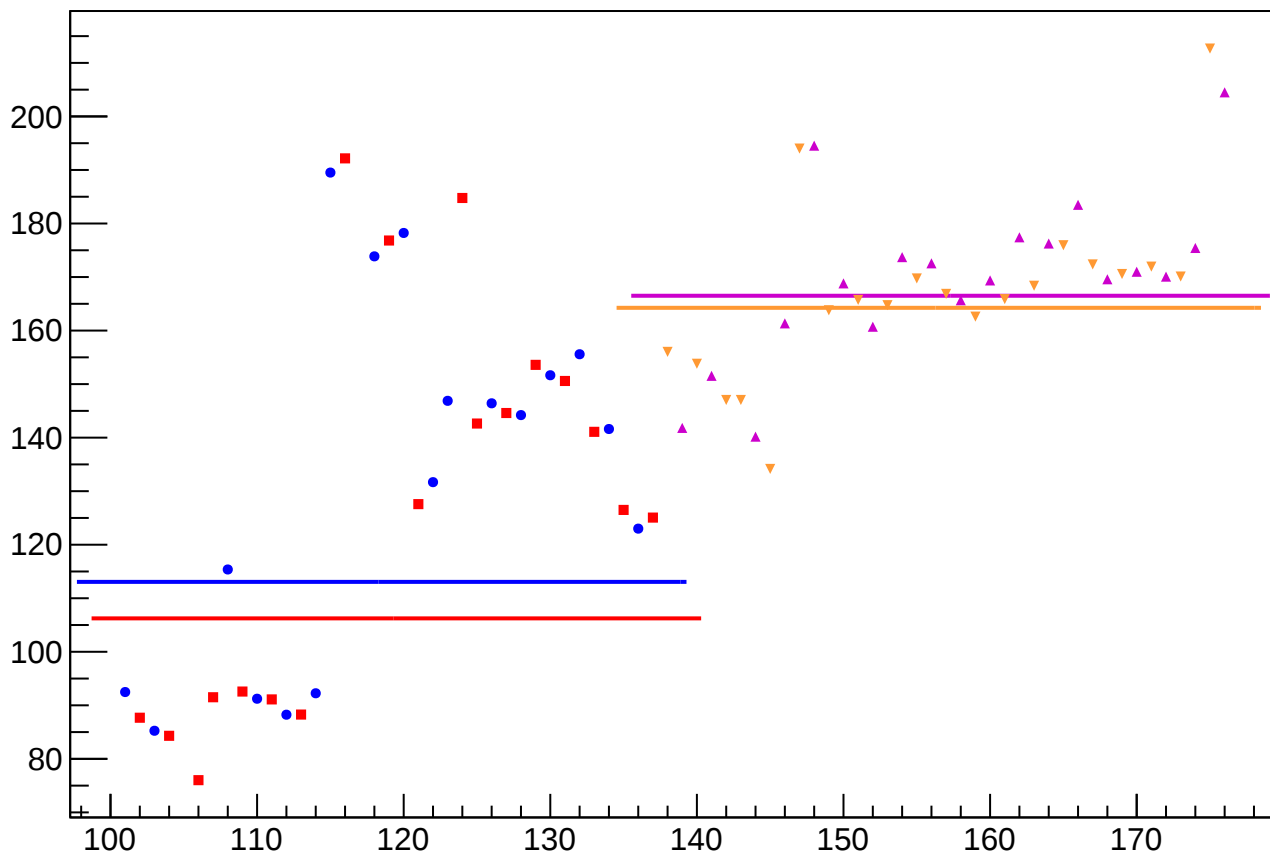
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 111.818 $\pm$ 31.254 χ^2/NDF : 39.5/35

Out: 133.516 $\pm$ 29.751 χ^2/NDF : 32.4/37

All: 123.201 $\pm$ 21.549 χ^2/NDF : 72.1/73

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 164.252+/-0.030 χ^2/NDF :262648.4/19

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 166.505+/-0.031 χ^2/NDF :243529.8/18

Left: 165.353+/-0.021 χ^2/NDF : 508947.0/38

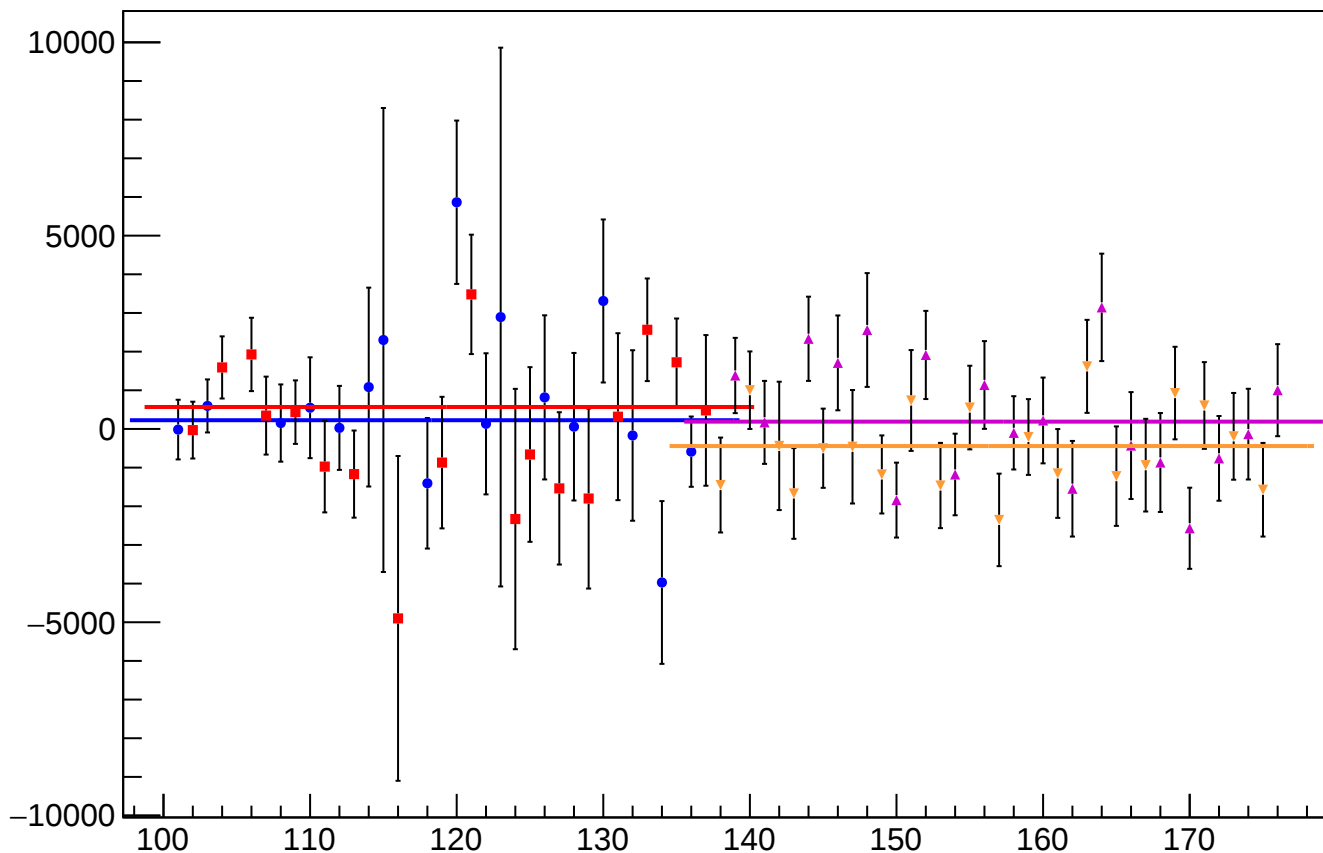
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 140.902+/-0.022 χ^2/NDF :2523888.8/35

Out: 134.901+/-0.021 χ^2/NDF :3115115.9/37

All: 137.754+/-0.015 χ^2/NDF : 5677693.5/73

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -442.450+/-259.317 χ^2/NDF :16.5/19

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 189.031+/-259.883 χ^2/NDF :34.2/18

Left: -127.398+/-183.565 χ^2/NDF : 53.7/38

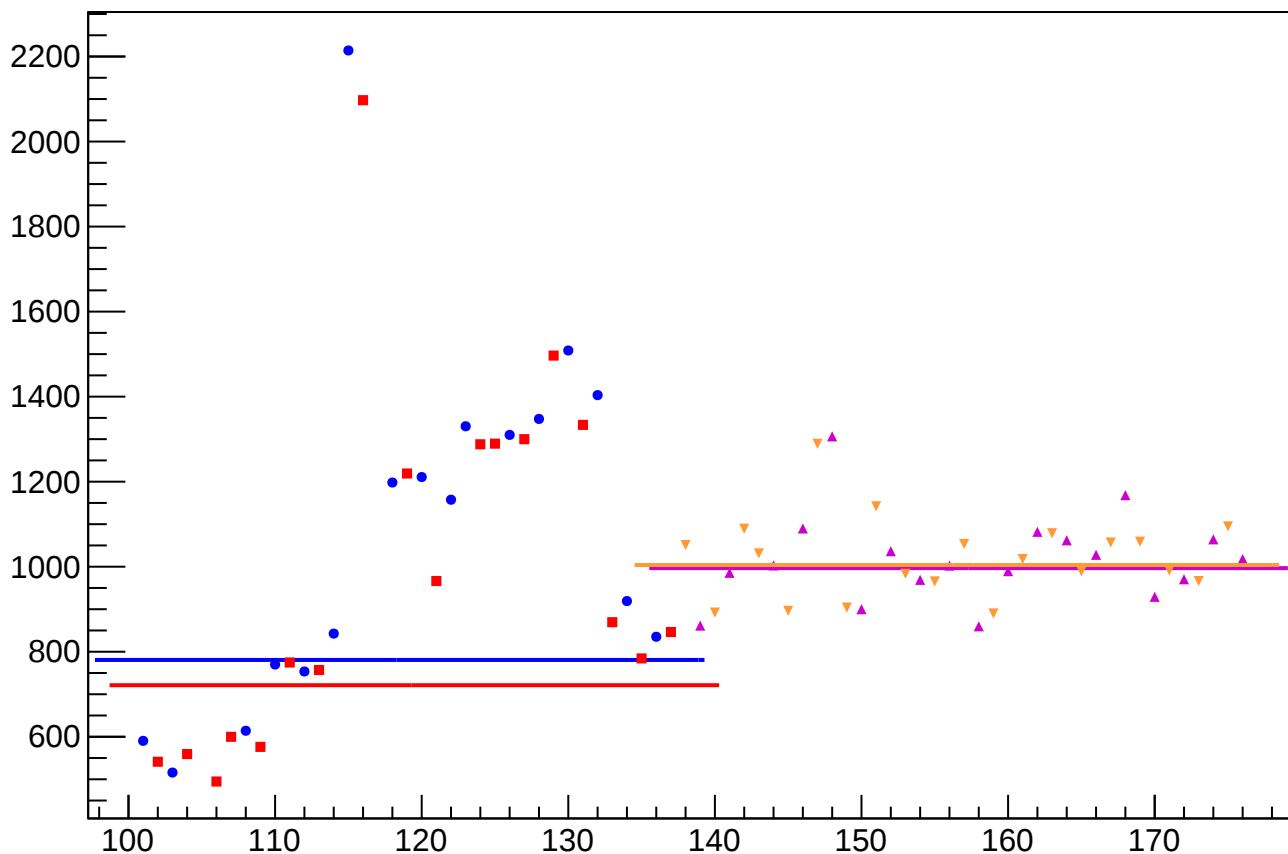
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 203.502+/-202.087 χ^2/NDF :50.2/35

Out: 5.699+/-193.454 χ^2/NDF :44.2/37

All: 100.285+/-139.745 χ^2/NDF : 94.9/73

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1003.956 $\pm$ 0.183 χ^2 /NDF: 237718.3/19

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 996.653 $\pm$ 0.184 χ^2 /NDF: 272338.6/18

Left: 1000.313 $\pm$ 0.130 χ^2 /NDF: 510848.4/38

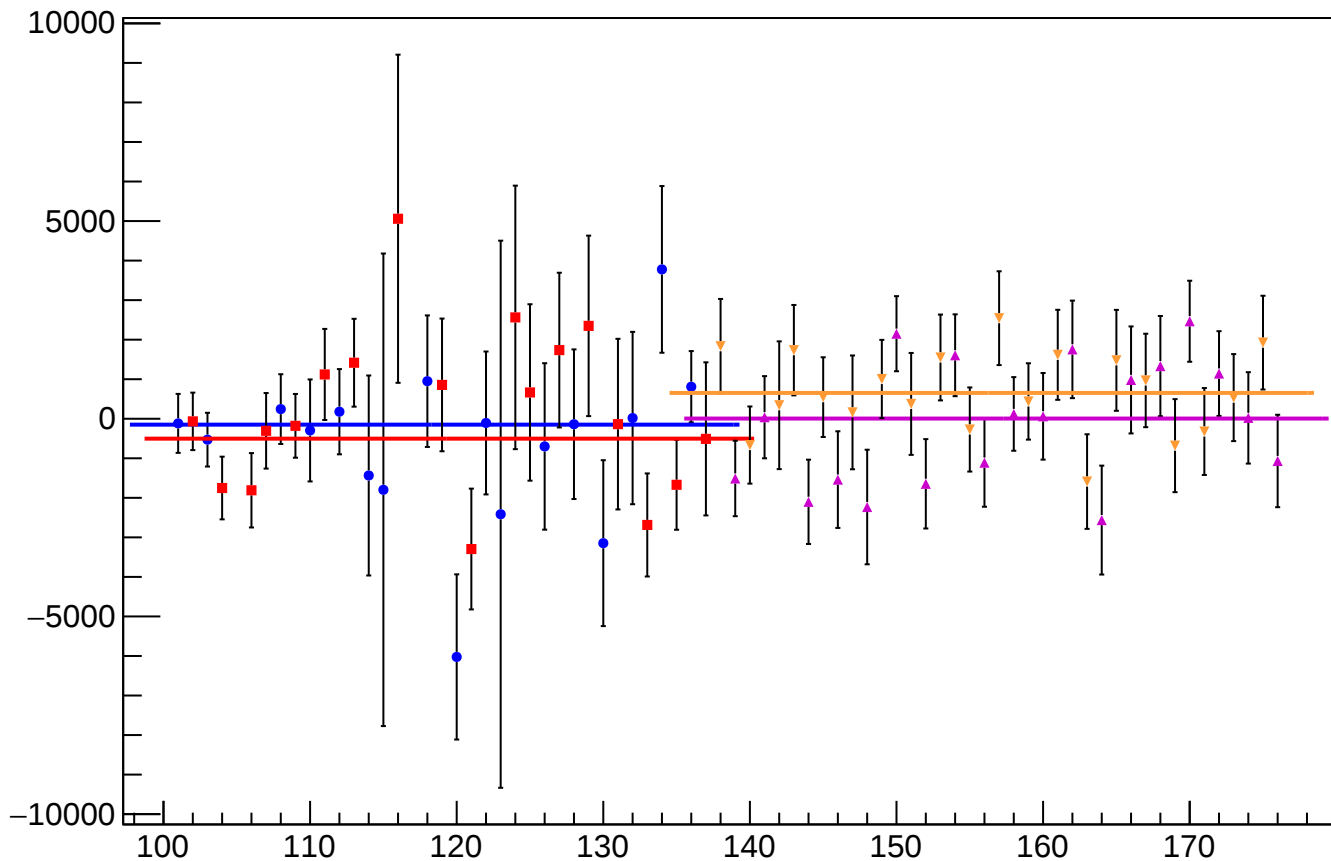
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 911.281 $\pm$ 0.143 χ^2 /NDF: 2427790.9/35

Out: 878.591 $\pm$ 0.137 χ^2 /NDF: 2918386.5/37

All: 894.223 $\pm$ 0.099 χ^2 /NDF: 5373486.1/73

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 653.284 ± 254.903 $\chi^2/\text{NDF}: 16.0/19$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: 4.943 ± 255.468 $\chi^2/\text{NDF}: 35.9/18$

Left: 329.830 ± 180.443 $\chi^2/\text{NDF}: 55.1/38$

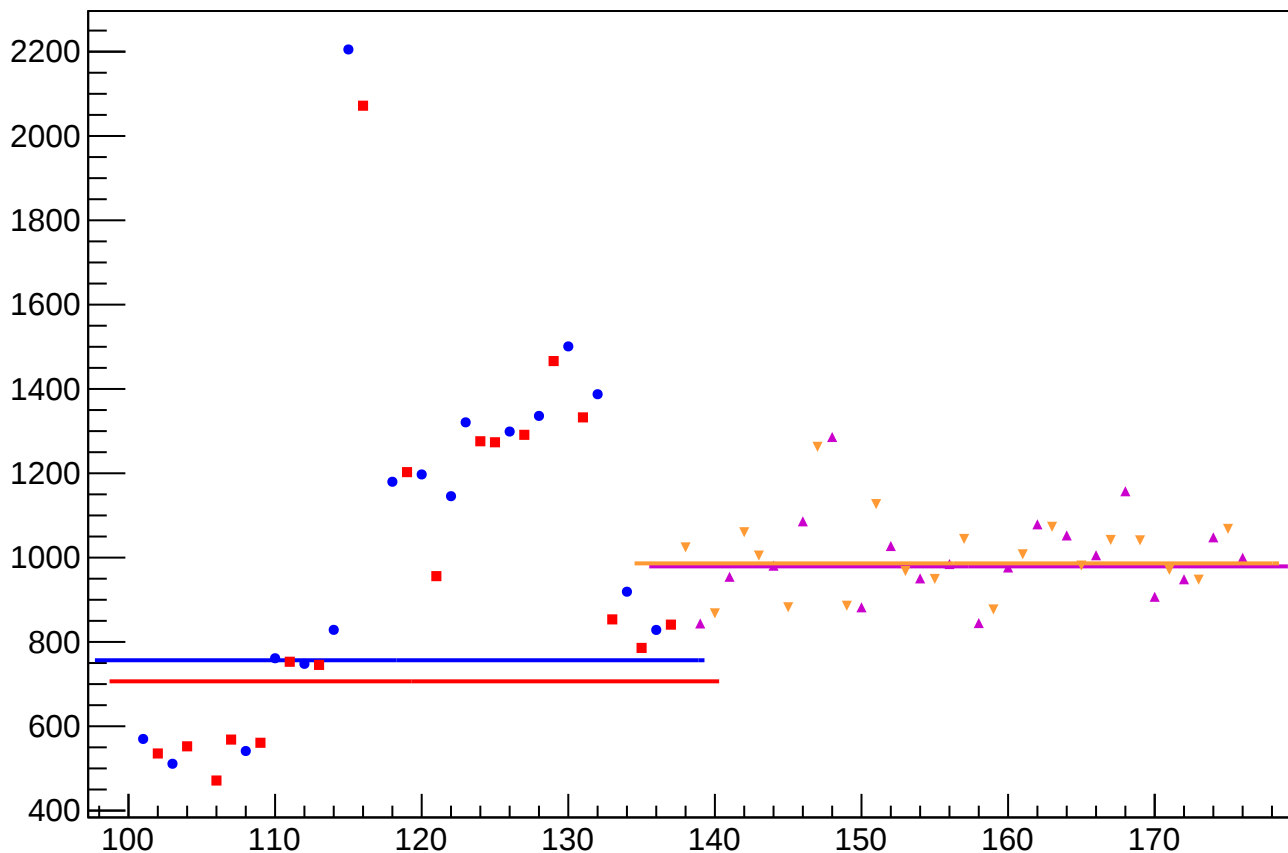
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -56.680 ± 197.905 $\chi^2/\text{NDF}: 52.2/35$

Out: 140.889 ± 190.227 $\chi^2/\text{NDF}: 48.8/37$

All: 46.011 ± 137.145 $\chi^2/\text{NDF}: 101.4/73$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 986.333 $\pm$ 0.180 χ^2 /NDF: 241543.0/19

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 979.191 $\pm$ 0.181 χ^2 /NDF: 292419.4/18

Left: 982.770 $\pm$ 0.128 χ^2 /NDF: 534745.7/38

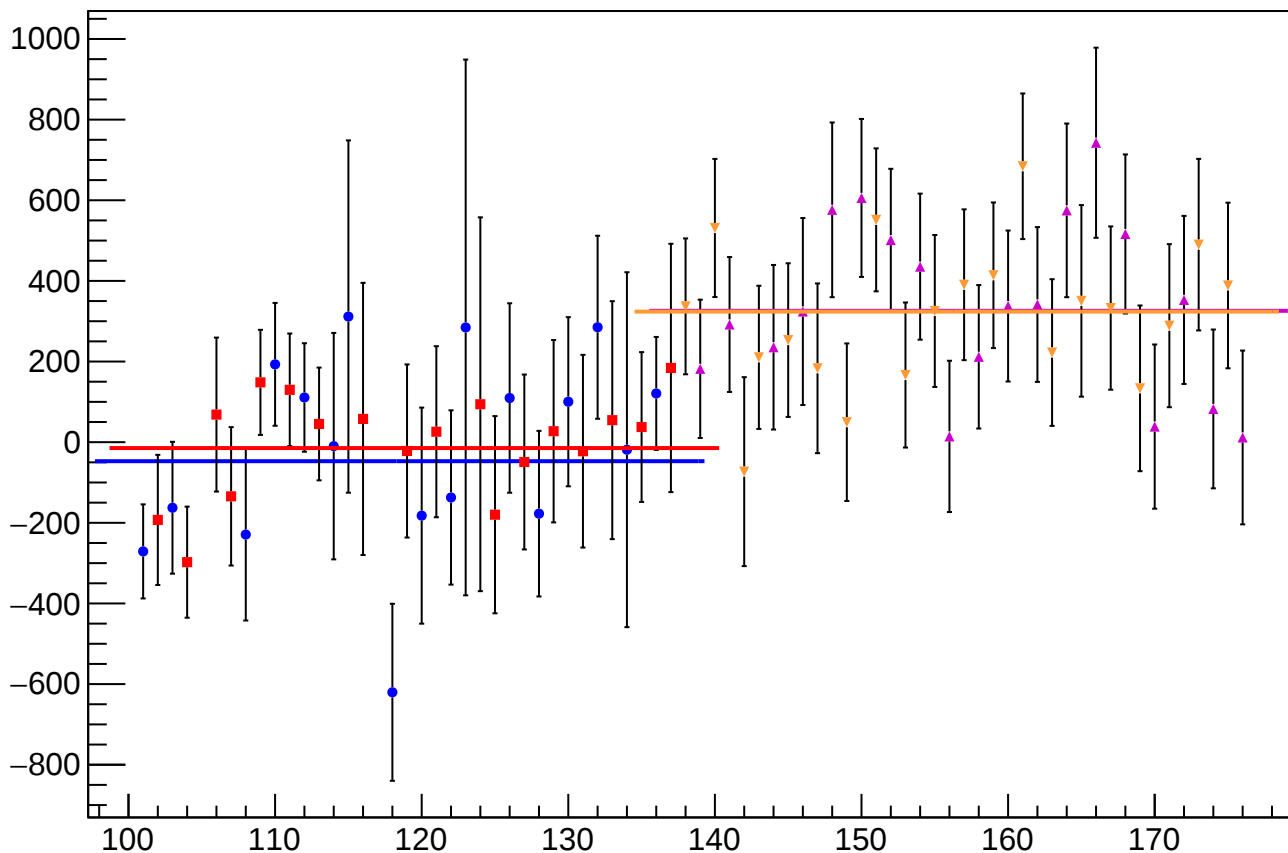
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 890.158 $\pm$ 0.140 χ^2 /NDF: 2613551.1/35

Out: 862.368 $\pm$ 0.135 χ^2 /NDF: 2979135.8/37

All: 875.713 $\pm$ 0.097 χ^2 /NDF: 5613184.6/73

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 323.854 $\pm$ 42.927 χ^2/NDF : 16.0/19

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 325.815 $\pm$ 44.834 χ^2/NDF : 19.9/18

Left: 324.792 $\pm$ 31.006 χ^2/NDF : 35.9/38

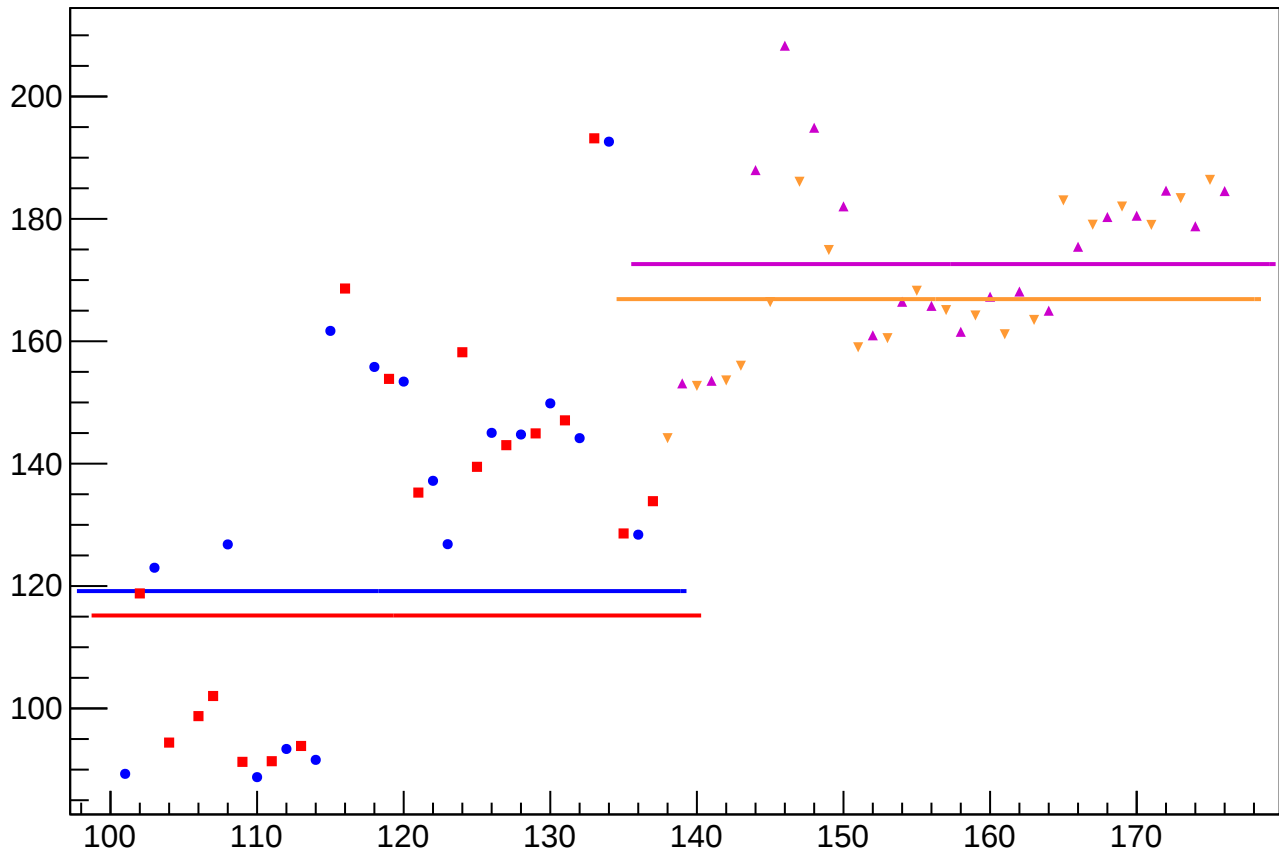
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 149.183 $\pm$ 32.529 χ^2/NDF : 74.6/35

Out: 162.027 $\pm$ 31.011 χ^2/NDF : 55.9/37

All: 155.911 $\pm$ 22.446 χ^2/NDF : 130.5/73

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 166.888 $\pm$ 0.030 χ^2 /NDF:158455.1/19

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 172.613 $\pm$ 0.032 χ^2 /NDF:183958.8/18

Left: 169.626 $\pm$ 0.022 χ^2 /NDF: 359427.3/38

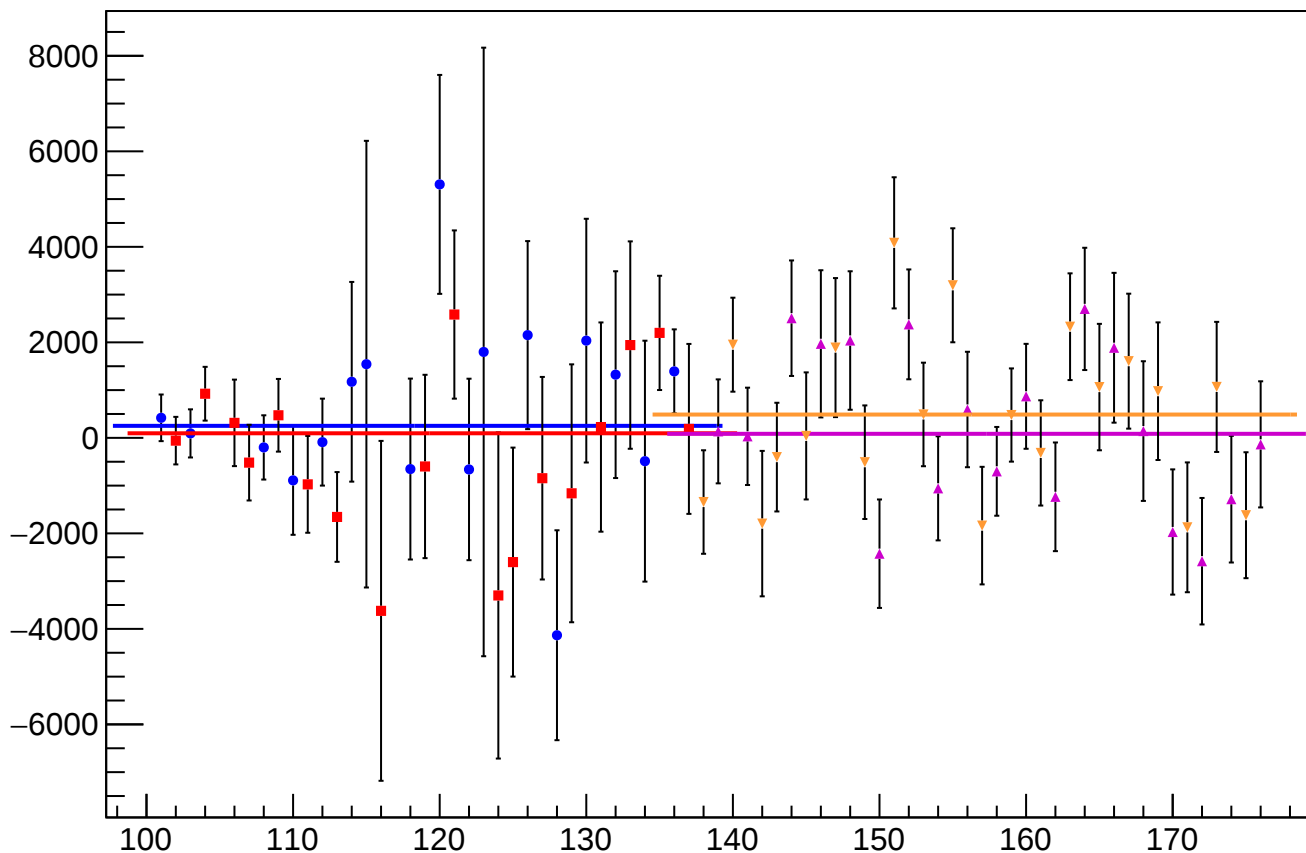
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 147.306 $\pm$ 0.023 χ^2 /NDF:2144862.7/35

Out: 142.170 $\pm$ 0.022 χ^2 /NDF:2221071.0/37

All: 144.615 $\pm$ 0.016 χ^2 /NDF: 4392055.3/73

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 488.263+/-272.597 χ^2/NDF : 35.2/19

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 84.664+/-277.558 χ^2/NDF : 33.1/18

Left: 290.102+/-194.485 χ^2/NDF : 69.4/38

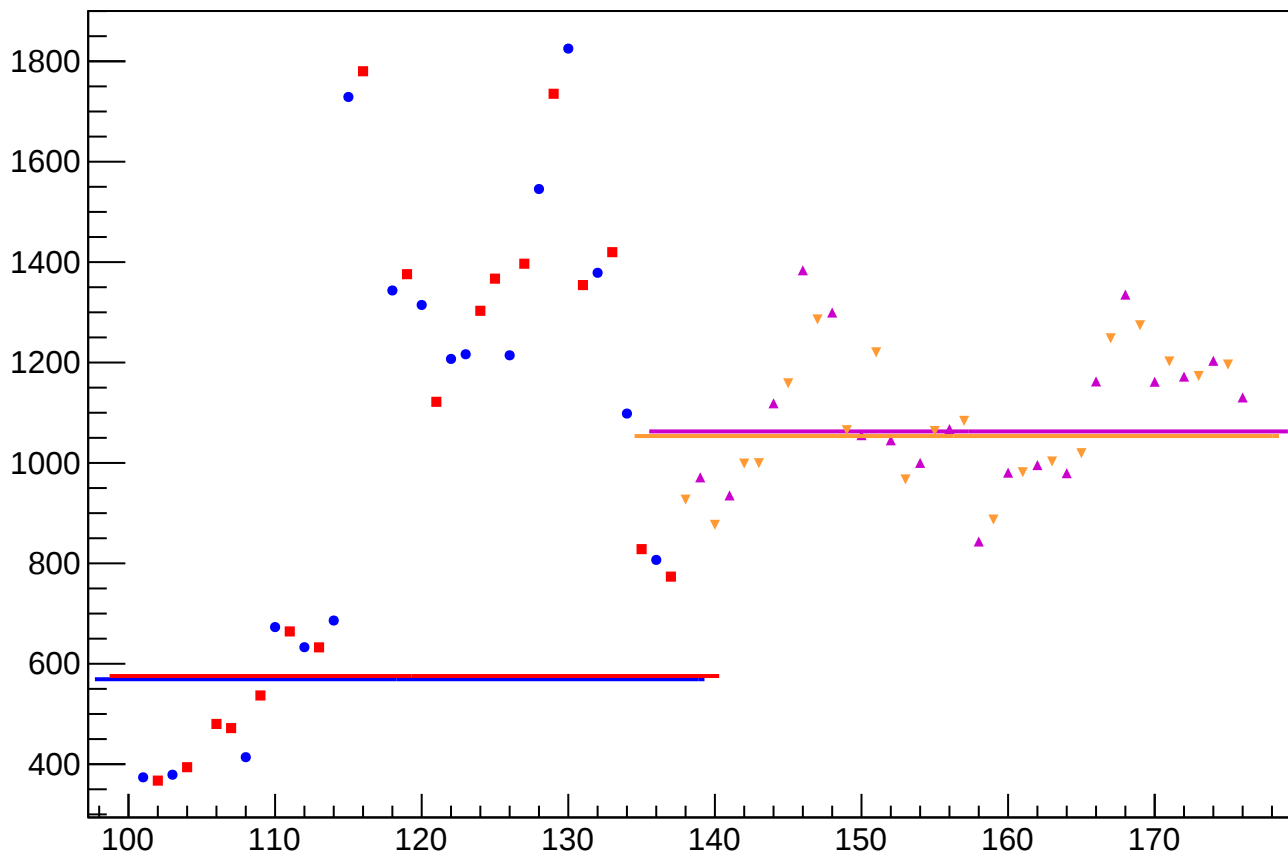
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 175.974+/-186.906 χ^2/NDF : 48.2/35

Out: 271.759+/-182.526 χ^2/NDF : 53.8/37

All: 225.002+/-130.586 χ^2/NDF : 102.1/73

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 +/- 0.179 χ^2/NDF : 3267047.1/16

Left Out: 1053.532 +/- 0.193 χ^2/NDF : 425796.9/19

Right Out: 575.584 +/- 0.174 χ^2/NDF : 3058273.5/17

Left In: 1062.780 +/- 0.196 χ^2/NDF : 465027.8/18

Left: 1058.073 +/- 0.138 χ^2/NDF : 891954.9/38

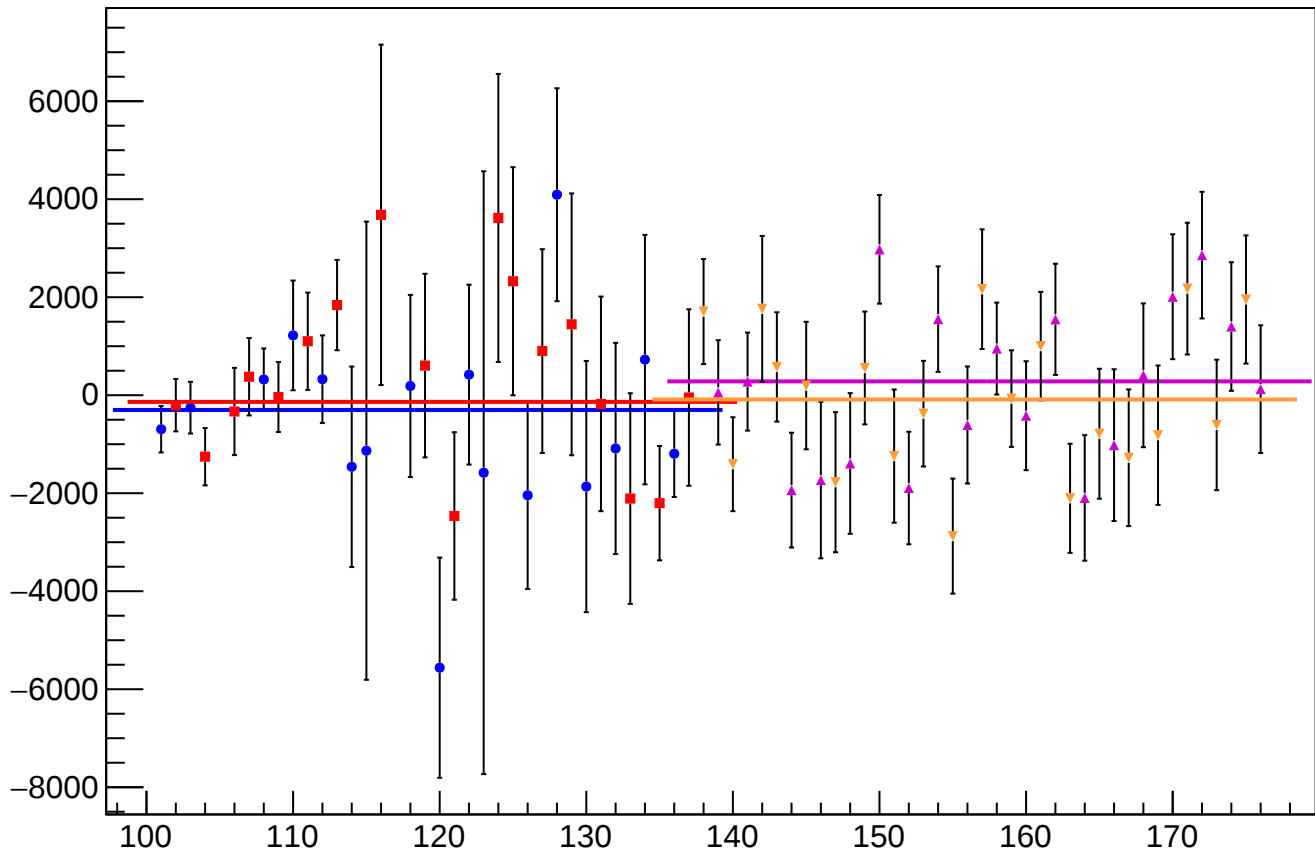
Right: 572.482 +/- 0.125 χ^2/NDF : 6325976.2/34

In: 793.018 +/- 0.132 χ^2/NDF : 7188782.5/35

Out: 789.867 +/- 0.129 χ^2/NDF : 6875800.0/37

All: 791.405 +/- 0.092 χ^2/NDF : 14064873.3/73

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -87.639 ± 269.392 χ^2/NDF : 29.1/19

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 282.435 ± 275.010 χ^2/NDF : 30.9/18

Left: 93.580 ± 192.444 χ^2/NDF : 61.0/38

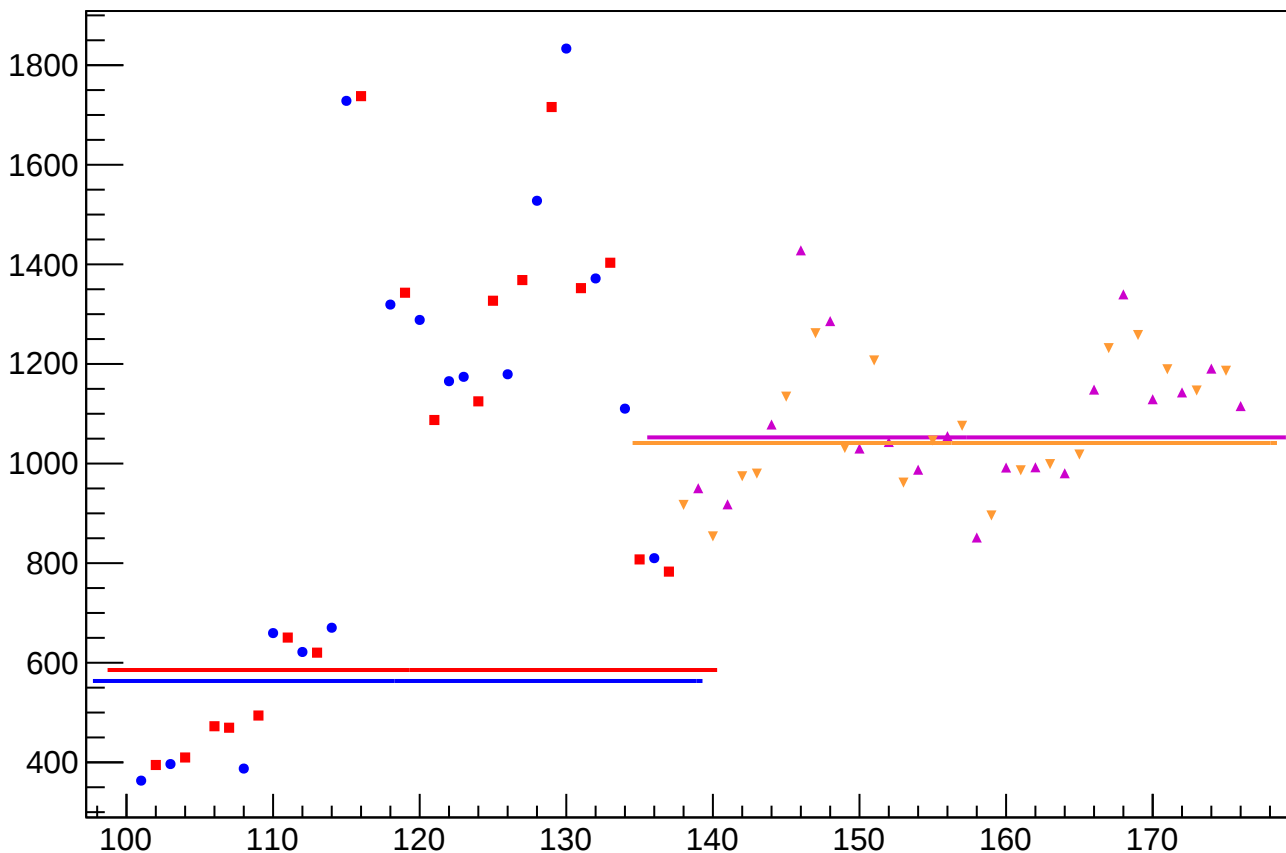
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -36.472 ± 185.110 χ^2/NDF : 50.1/35

Out: -113.903 ± 182.334 χ^2/NDF : 50.0/37

All: -75.773 ± 129.900 χ^2/NDF : 100.2/73

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1041.307 ± 0.190 $\chi^2/\text{NDF}: 411042.1/19$

Right Out: 585.438 ± 0.175 $\chi^2/\text{NDF}: 2818143.7/17$

Left In: 1052.553 ± 0.194 $\chi^2/\text{NDF}: 465063.5/18$

Left: 1046.814 ± 0.136 $\chi^2/\text{NDF}: 877812.3/38$

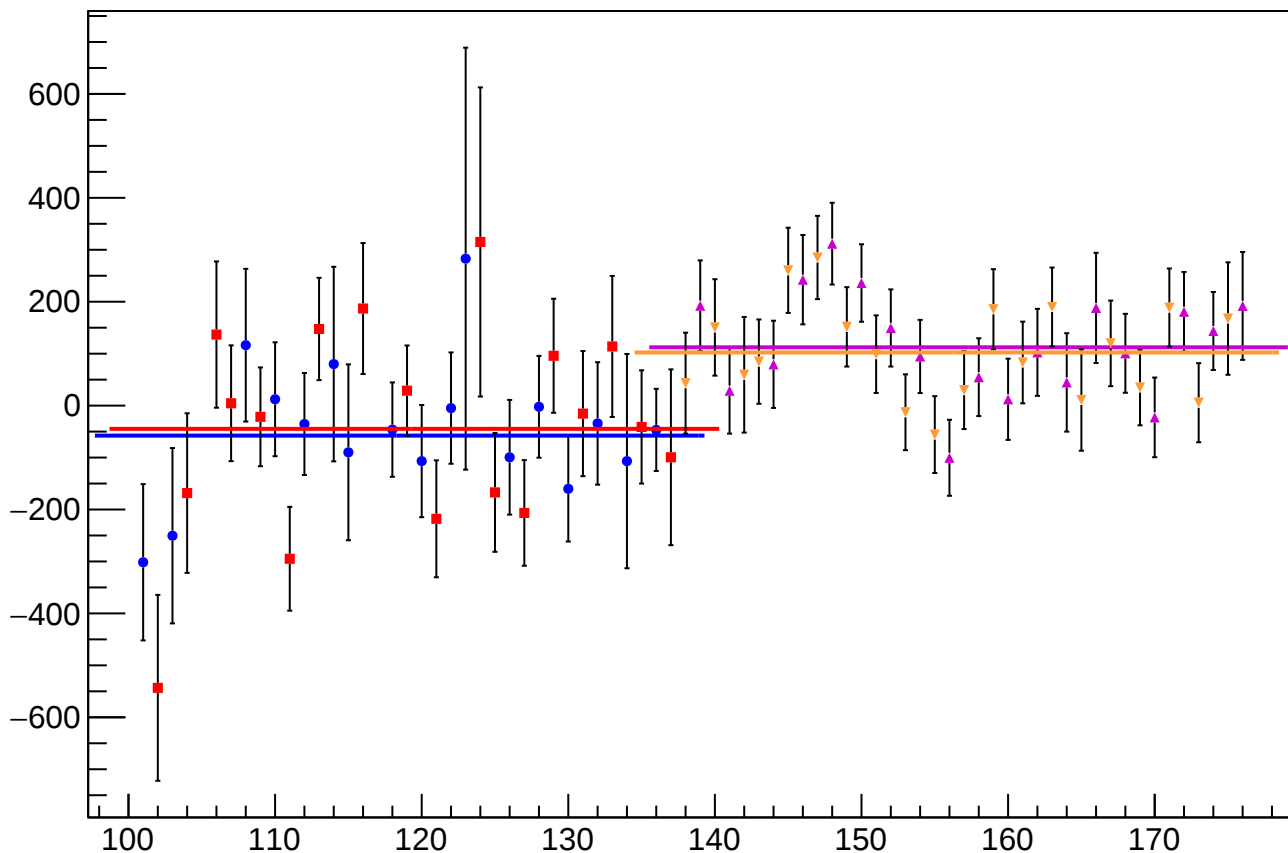
Right: 574.531 ± 0.124 $\chi^2/\text{NDF}: 6085027.9/34$

In: 785.017 ± 0.131 $\chi^2/\text{NDF}: 7184835.2/35$

Out: 794.275 ± 0.129 $\chi^2/\text{NDF}: 6332695.4/37$

All: 789.716 ± 0.092 $\chi^2/\text{NDF}: 13520069.9/73$

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 102.343 $\pm$ 18.152 χ^2/NDF :25.8/19

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 112.257 $\pm$ 18.461 χ^2/NDF :30.2/18

Left: 107.216 $\pm$ 12.943 χ^2/NDF : 56.1/38

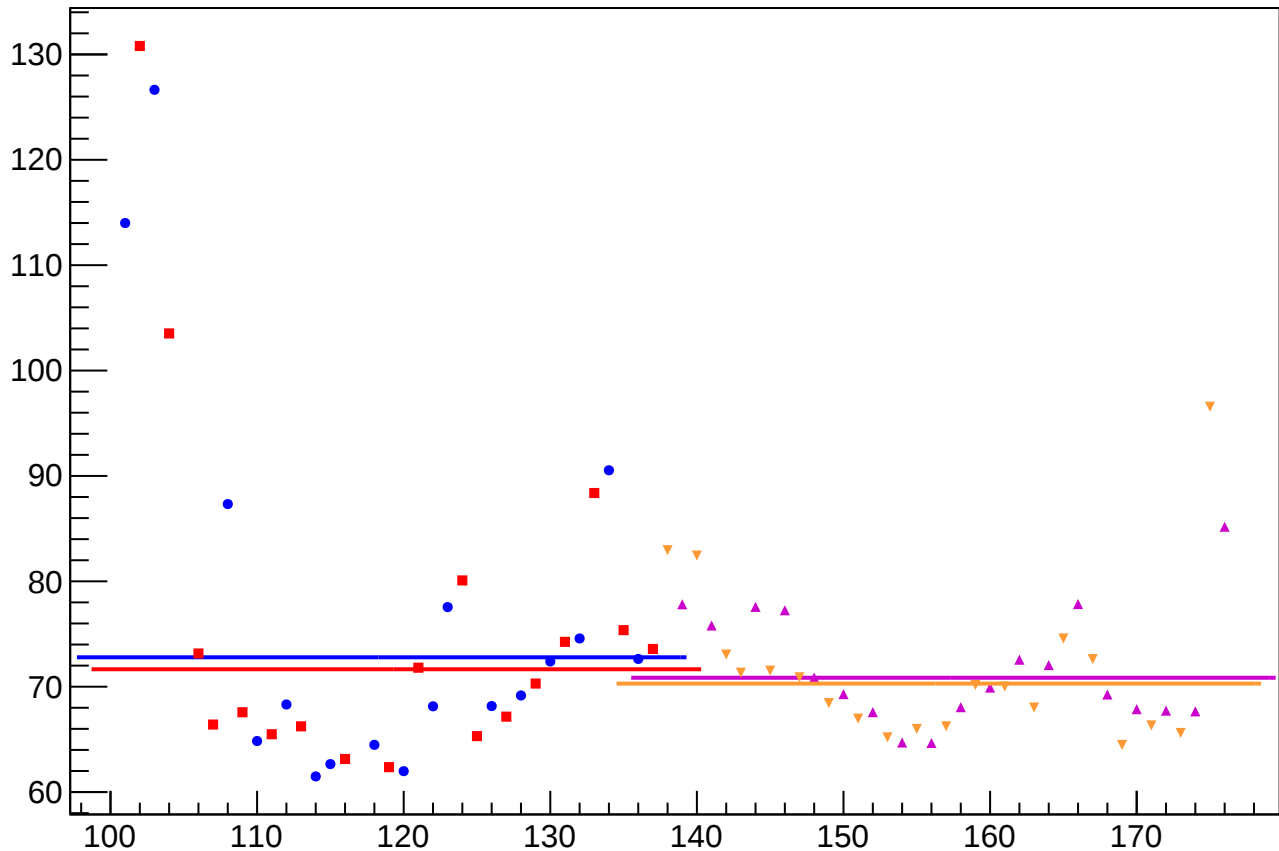
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 62.498 $\pm$ 15.525 χ^2/NDF :64.1/35

Out: 58.197 $\pm$ 15.184 χ^2/NDF :80.7/37

All: 60.300 $\pm$ 10.855 χ^2/NDF : 144.8/73

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.293 $\pm$ 0.013 χ^2 /NDF: 248792.9/19

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 70.850 $\pm$ 0.013 χ^2 /NDF: 140067.0/18

Left: 70.567 $\pm$ 0.009 χ^2 /NDF: 389783.4/38

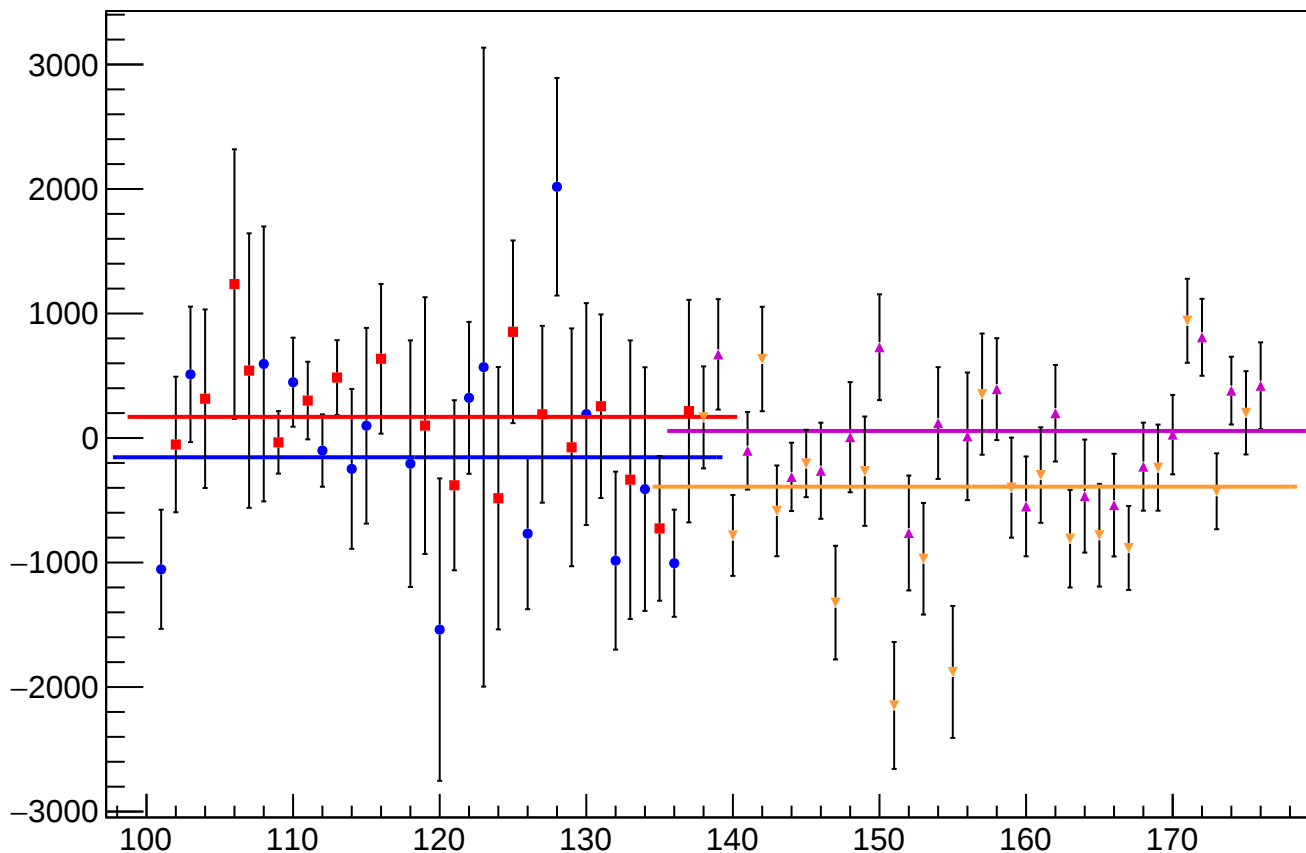
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 71.418 $\pm$ 0.011 χ^2 /NDF: 611307.5/35

Out: 70.702 $\pm$ 0.011 χ^2 /NDF: 656550.4/37

All: 71.052 $\pm$ 0.008 χ^2 /NDF: 1270028.7/73

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -390.650 ± 84.531 χ^2/NDF : 61.2/19

Right Out: 170.028 ± 126.220 χ^2/NDF : 8.4/17

Left In: 56.934 ± 84.784 χ^2/NDF : 26.0/18

Left: -167.526 ± 59.862 χ^2/NDF : 101.2/38

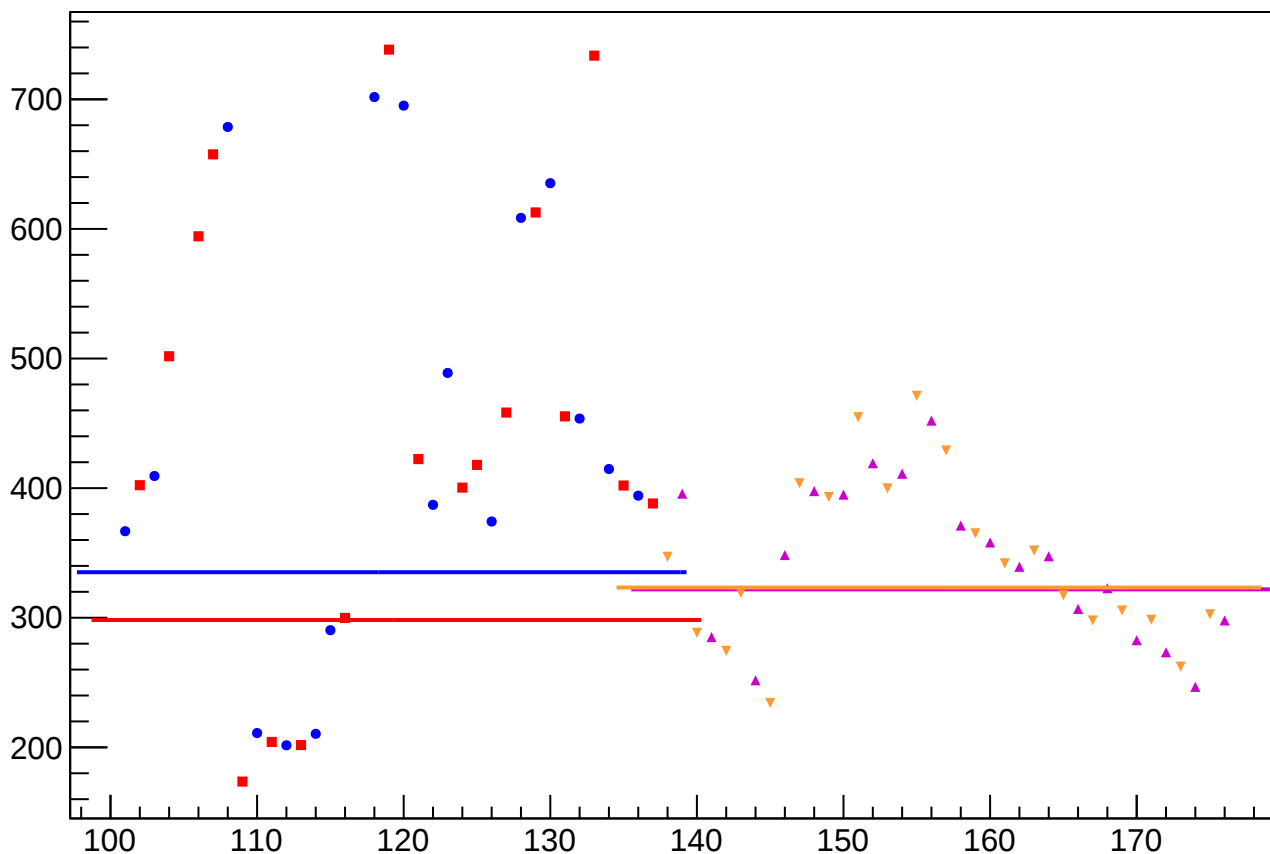
Right: 25.360 ± 93.955 χ^2/NDF : 34.5/34

In: 0.637 ± 72.619 χ^2/NDF : 50.8/35

Out: -217.044 ± 70.235 χ^2/NDF : 83.2/37

All: -111.834 ± 50.485 χ^2/NDF : 138.7/73

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 323.291 $\pm$ 0.060 χ^2 /NDF: 981131.2/19

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 321.899 $\pm$ 0.060 χ^2 /NDF: 938959.4/18

Left: 322.597 $\pm$ 0.042 χ^2 /NDF: 1920361.0/38

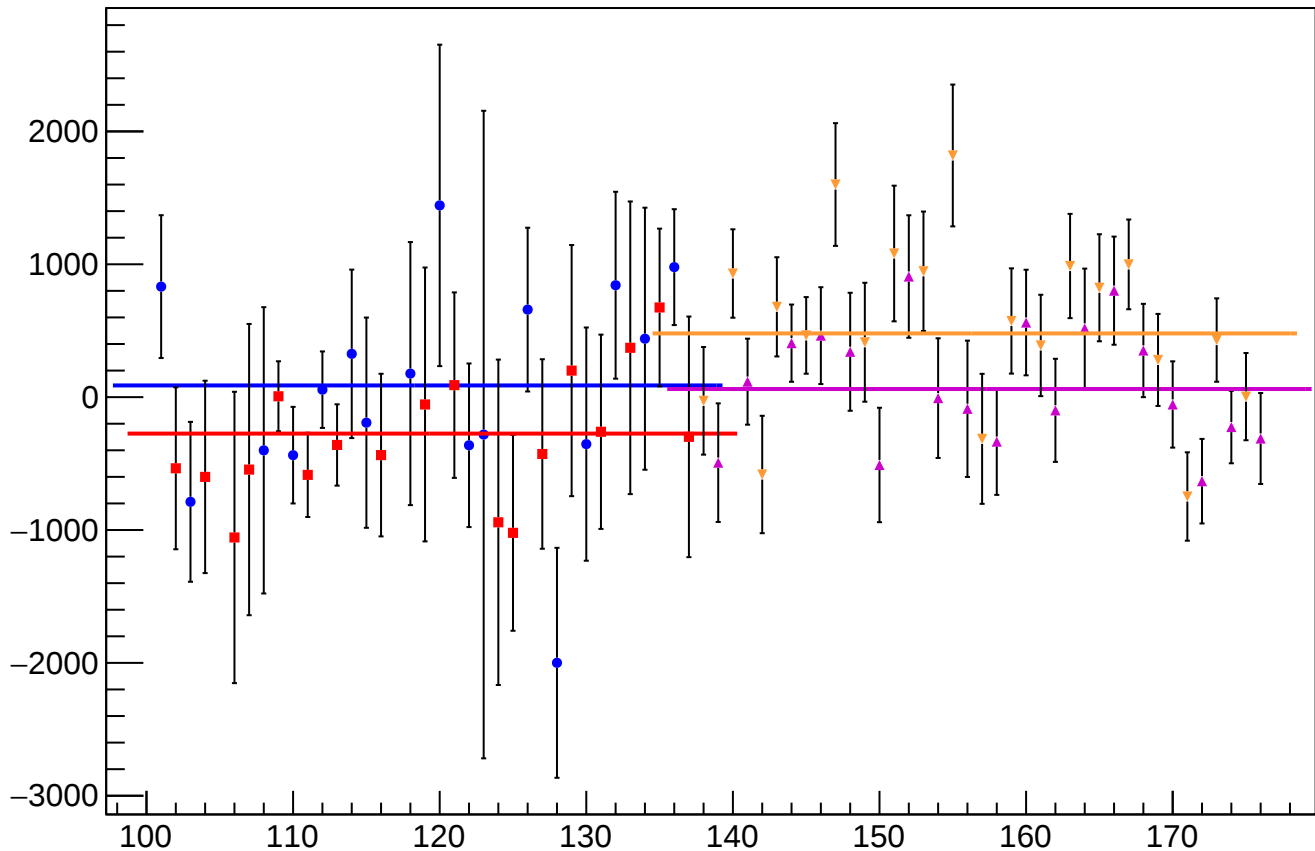
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 325.424 $\pm$ 0.051 χ^2 /NDF: 2945988.0/35

Out: 315.538 $\pm$ 0.050 χ^2 /NDF: 3812016.0/37

All: 320.317 $\pm$ 0.036 χ^2 /NDF: 6777155.5/73

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 479.628+/-85.409 χ^2/NDF :47.7/19

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 61.176+/-85.295 χ^2/NDF :24.8/18

Left: 270.123+/-60.353 χ^2/NDF : 84.5/38

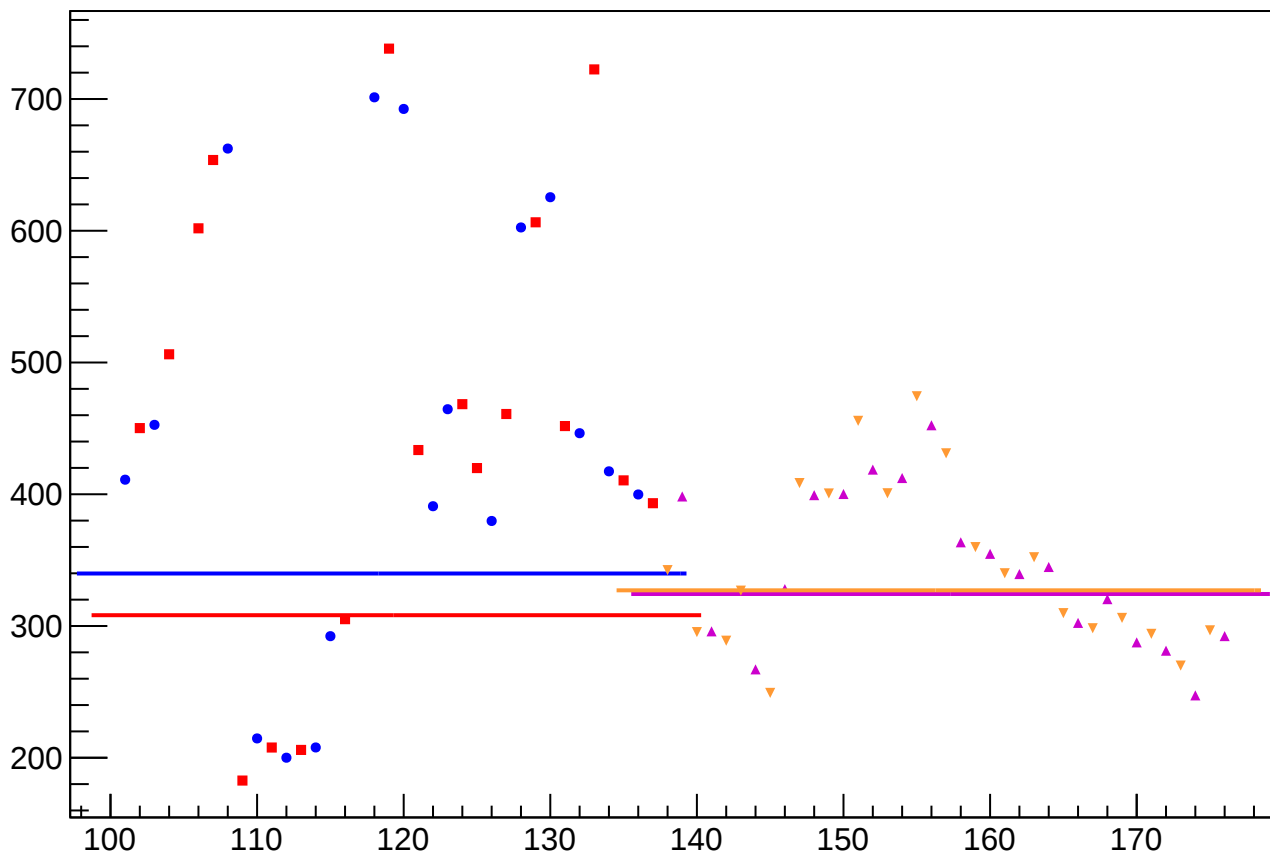
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 68.244+/-73.256 χ^2/NDF :45.6/35

Out: 251.980+/-71.359 χ^2/NDF :79.3/37

All: 162.521+/-51.116 χ^2/NDF : 128.1/73

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 327.079 $\pm$ 0.060 χ^2 /NDF: 874282.1/19

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 324.304 $\pm$ 0.060 χ^2 /NDF: 835177.0/18

Left: 325.690 $\pm$ 0.043 χ^2 /NDF: 1710516.1/38

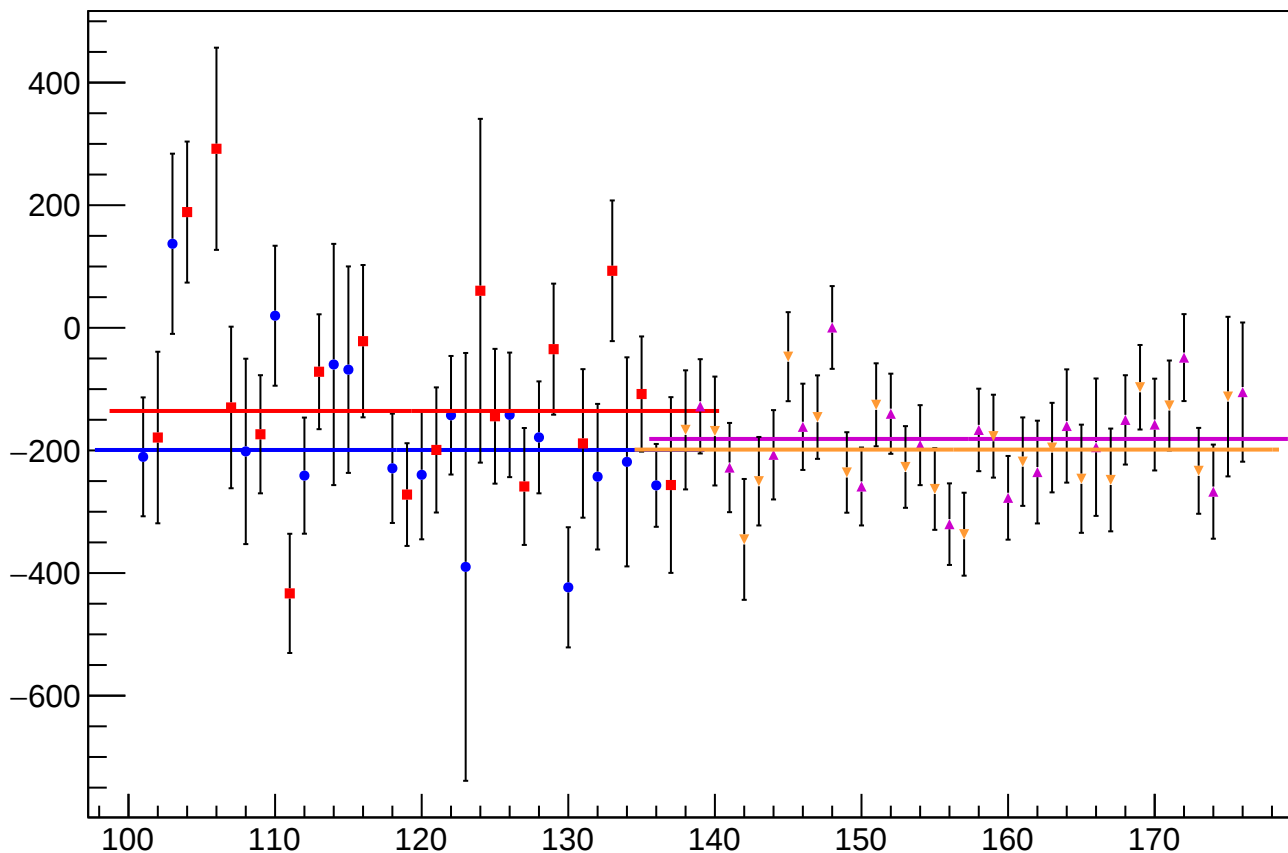
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 328.383 $\pm$ 0.052 χ^2 /NDF: 2896129.7/35

Out: 321.378 $\pm$ 0.050 χ^2 /NDF: 3602619.1/37

All: 324.789 $\pm$ 0.036 χ^2 /NDF: 6508130.5/73

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -198.626 ± 16.712 $\chi^2/\text{NDF}: 19.3/19$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -181.257 ± 16.908 $\chi^2/\text{NDF}: 22.6/18$

Left: -190.043 ± 11.886 $\chi^2/\text{NDF}: 42.5/38$

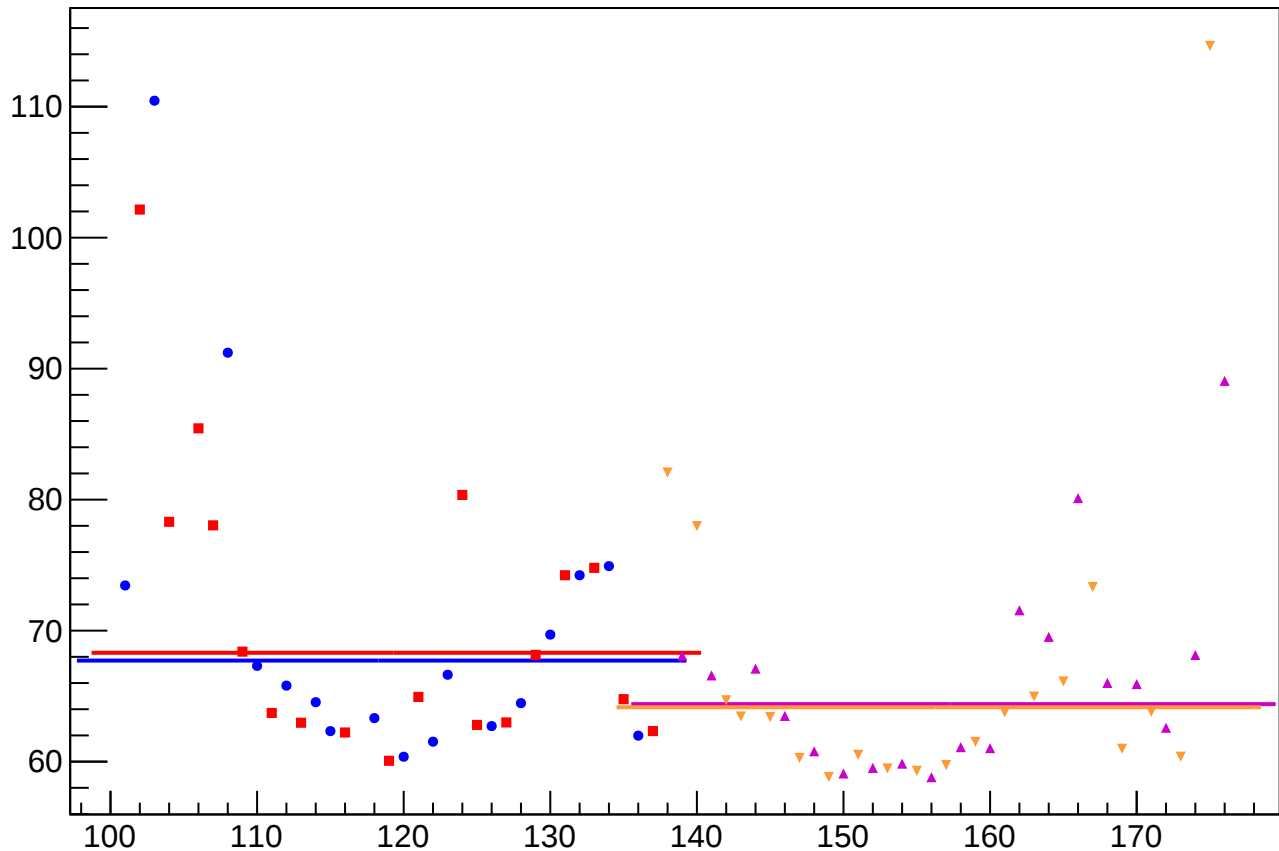
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -186.459 ± 14.256 $\chi^2/\text{NDF}: 40.6/35$

Out: -180.457 ± 14.098 $\chi^2/\text{NDF}: 60.1/37$

All: -183.425 ± 10.024 $\chi^2/\text{NDF}: 100.7/73$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 64.151 $\pm$ 0.012 χ^2 /NDF: 510757.8/19

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 64.390 $\pm$ 0.012 χ^2 /NDF: 236149.1/18

Left: 64.269 $\pm$ 0.008 χ^2 /NDF: 747109.2/38

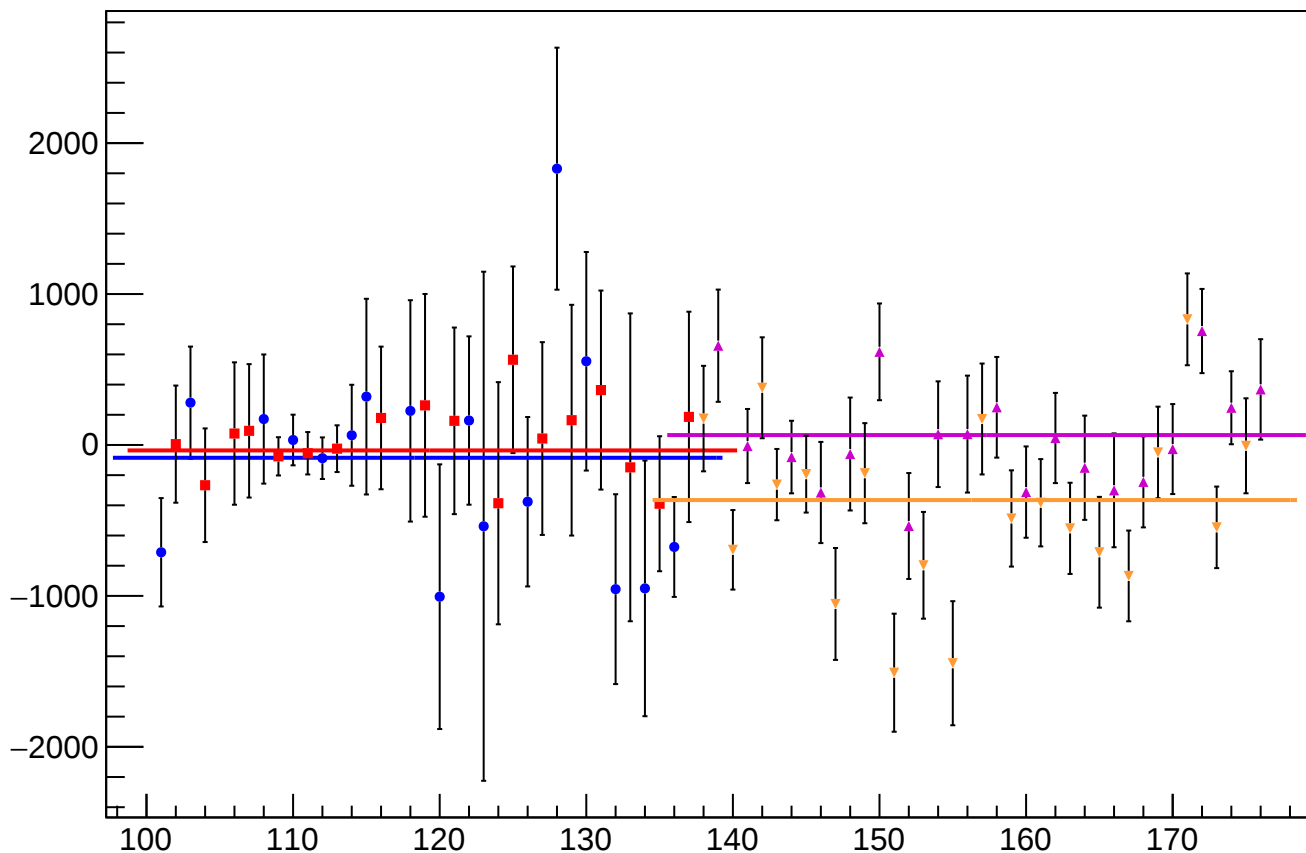
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 65.351 $\pm$ 0.010 χ^2 /NDF: 541404.3/35

Out: 65.350 $\pm$ 0.010 χ^2 /NDF: 780766.6/37

All: 65.351 $\pm$ 0.007 χ^2 /NDF: 1322170.9/73

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -365.058 ± 69.701 χ^2/NDF : 54.9/19

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: 65.540 ± 71.142 χ^2/NDF : 22.2/18

Left: -154.164 ± 49.788 χ^2/NDF : 95.8/38

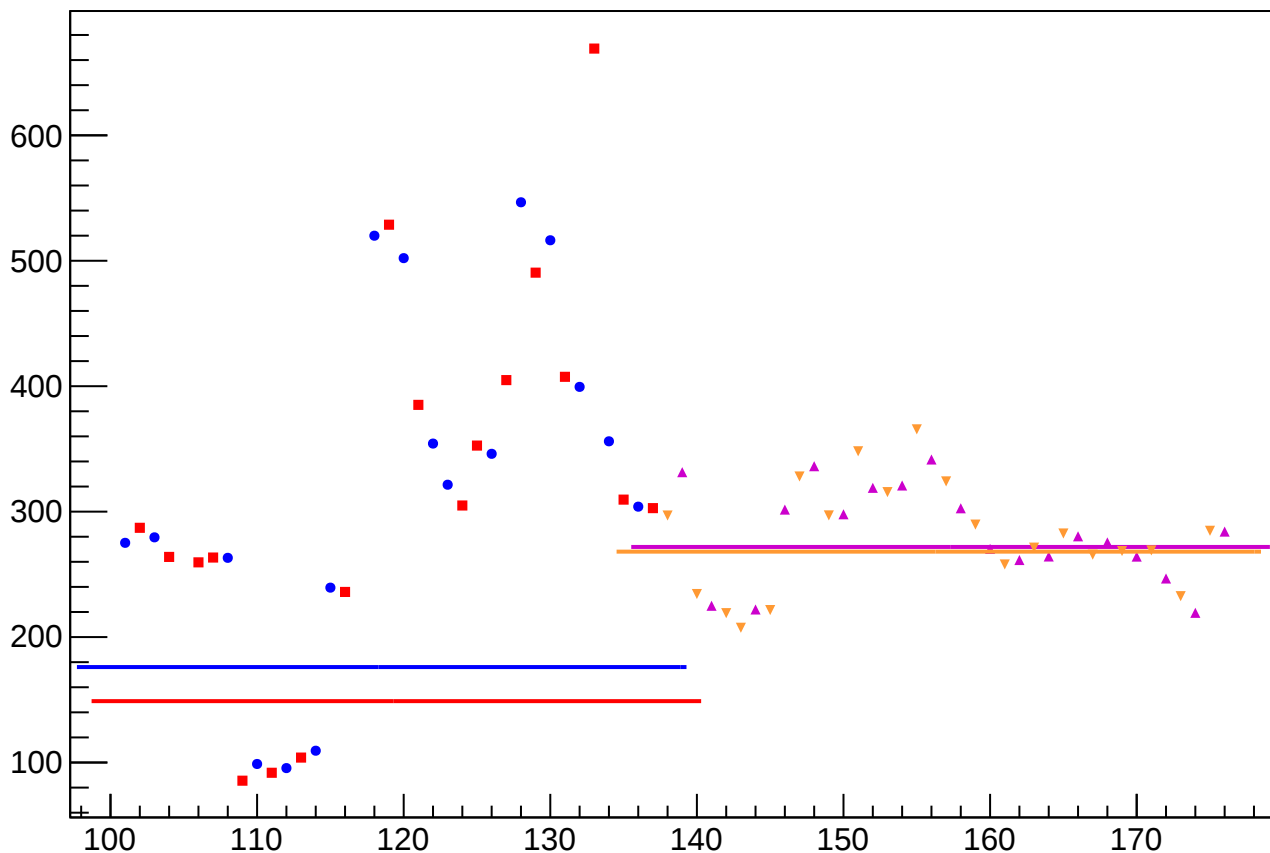
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: 1.590 ± 53.923 χ^2/NDF : 43.9/35

Out: -200.711 ± 49.303 χ^2/NDF : 69.5/37

All: -108.596 ± 36.387 χ^2/NDF : 121.1/73

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.108 $\pm$ 0.049 χ^2/NDF : 689818.6/19

Right Out: 148.932 $\pm$ 0.049 χ^2/NDF : 4770916.6/17

Left In: 271.854 $\pm$ 0.050 χ^2/NDF : 574831.3/18

Left: 269.943 $\pm$ 0.035 χ^2/NDF : 1267478.2/38

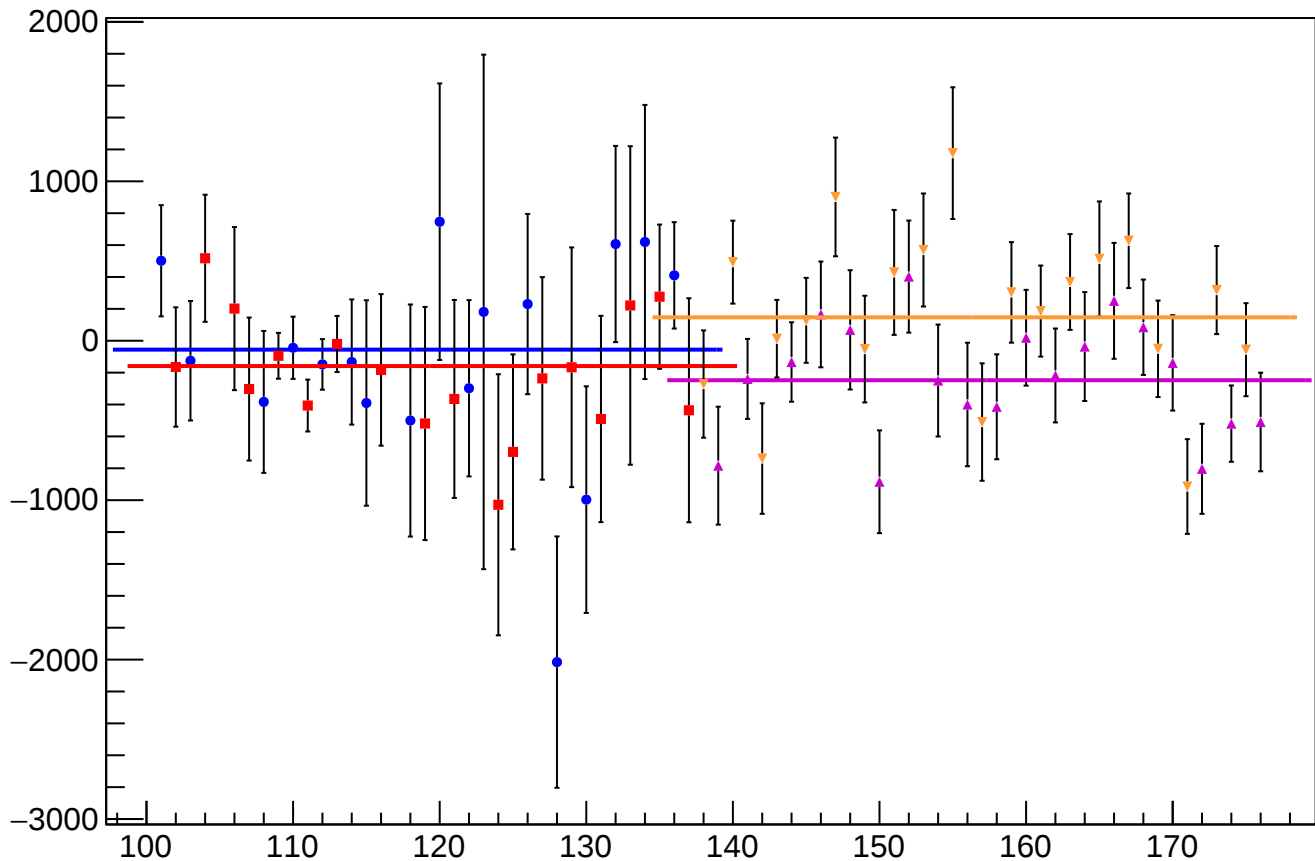
Right: 160.228 $\pm$ 0.038 χ^2/NDF : 9120718.3/34

In: 231.110 $\pm$ 0.038 χ^2/NDF : 6340209.2/35

Out: 208.562 $\pm$ 0.035 χ^2/NDF : 8382194.2/37

All: 218.829 $\pm$ 0.026 χ^2/NDF : 14912878.5/73

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 146.954 ± 69.614 $\chi^2/\text{NDF}: 44.5/19$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -247.757 ± 70.921 $\chi^2/\text{NDF}: 22.6/18$

Left: -46.731 ± 49.680 $\chi^2/\text{NDF}: 82.9/38$

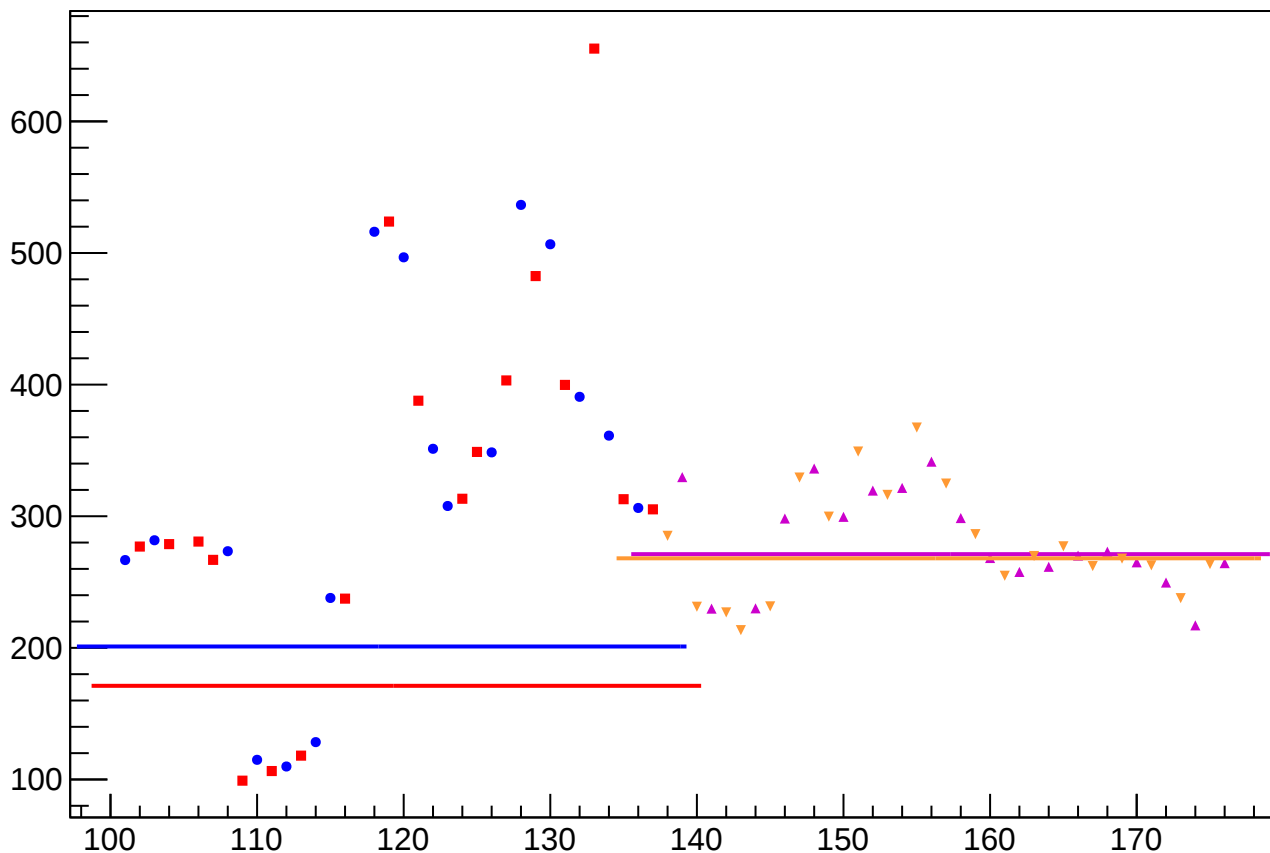
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -174.767 ± 55.839 $\chi^2/\text{NDF}: 42.5/35$

Out: 9.639 ± 51.660 $\chi^2/\text{NDF}: 63.5/37$

All: -75.407 ± 37.921 $\chi^2/\text{NDF}: 111.9/73$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 268.030 $\pm$ 0.049 χ^2 /NDF: 608160.1/19

Right Out: 171.159 $\pm$ 0.054 χ^2 /NDF: 4065598.7/17

Left In: 271.191 $\pm$ 0.050 χ^2 /NDF: 528752.7/18

Left: 269.581 $\pm$ 0.035 χ^2 /NDF: 1138936.2/38

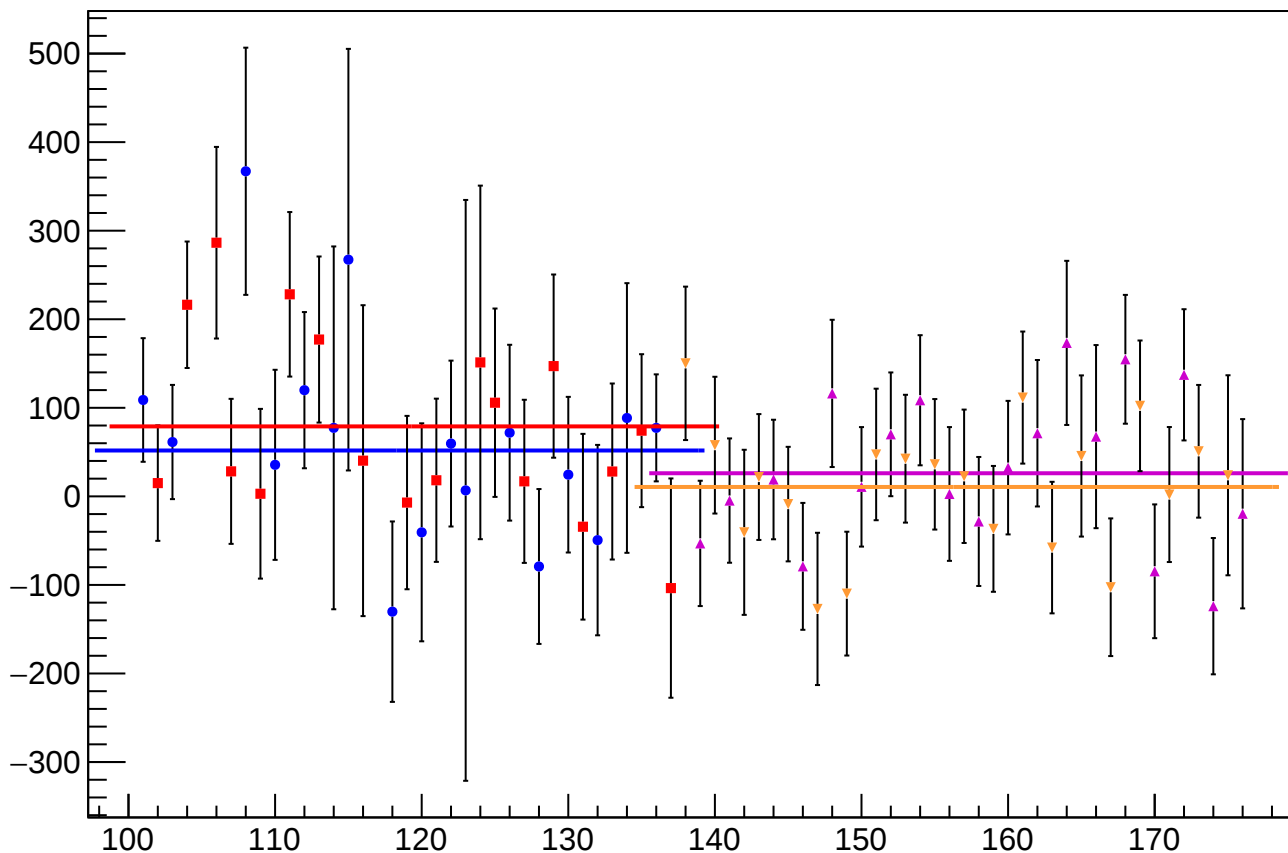
Right: 183.707 $\pm$ 0.042 χ^2 /NDF: 7624855.0/34

In: 244.526 $\pm$ 0.039 χ^2 /NDF: 4705629.8/35

Out: 224.508 $\pm$ 0.037 χ^2 /NDF: 6413776.2/37

All: 233.740 $\pm$ 0.027 χ^2 /NDF: 11257907.6/73

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 ± 23.538 $\chi^2/\text{NDF}: 14.5/16$

Left Out: 10.617 ± 17.188 $\chi^2/\text{NDF}: 16.8/19$

Right Out: 79.008 ± 22.499 $\chi^2/\text{NDF}: 19.0/17$

Left In: 26.110 ± 17.487 $\chi^2/\text{NDF}: 21.7/18$

Left: 18.230 ± 12.258 $\chi^2/\text{NDF}: 38.8/38$

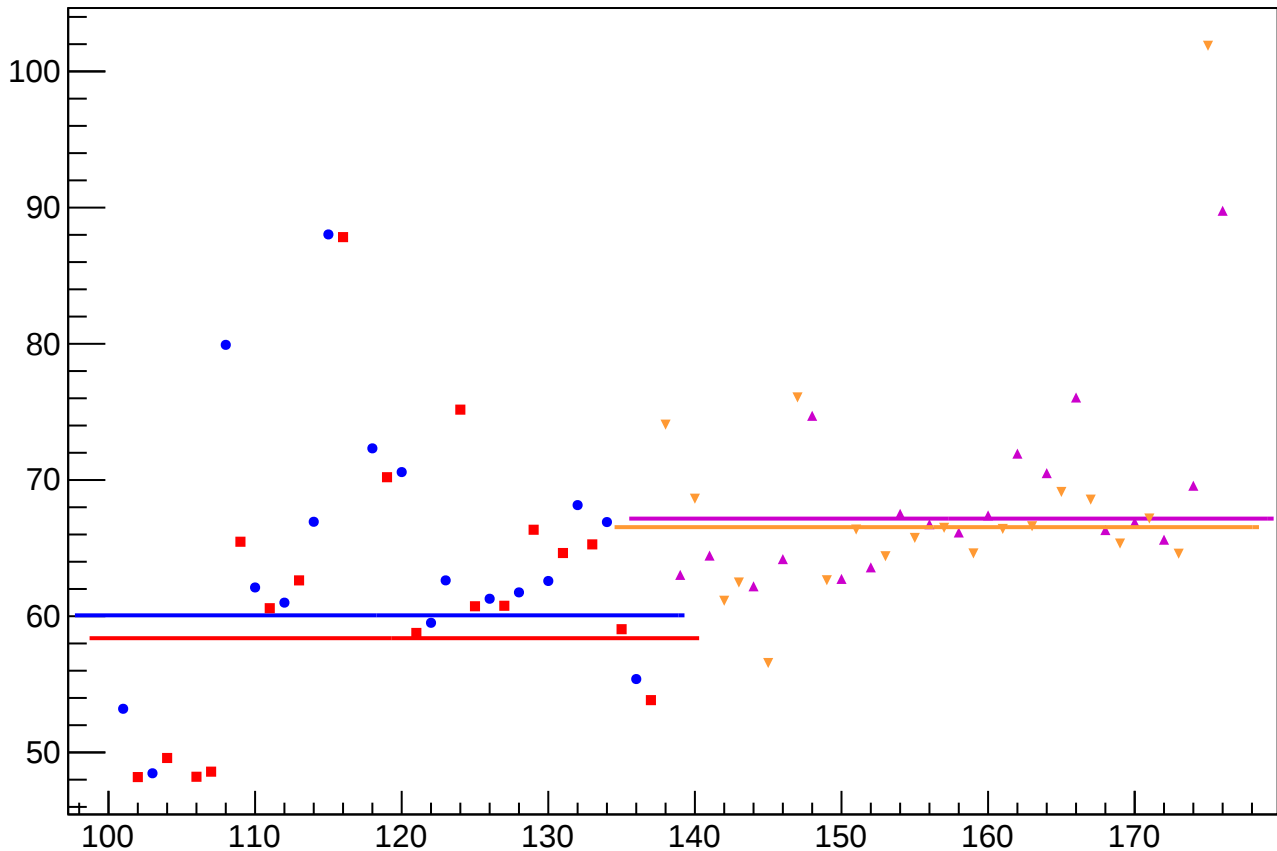
Right: 66.018 ± 16.264 $\chi^2/\text{NDF}: 34.2/34$

In: 35.246 ± 14.037 $\chi^2/\text{NDF}: 37.0/35$

Out: 35.822 ± 13.659 $\chi^2/\text{NDF}: 41.6/37$

All: 35.542 ± 9.789 $\chi^2/\text{NDF}: 78.5/73$

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: 66.540 $\pm$ 0.012 χ^2 /NDF:312505.9/19

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 67.167 $\pm$ 0.012 χ^2 /NDF:171609.4/18

Left: 66.848 $\pm$ 0.009 χ^2 /NDF: 485424.5/38

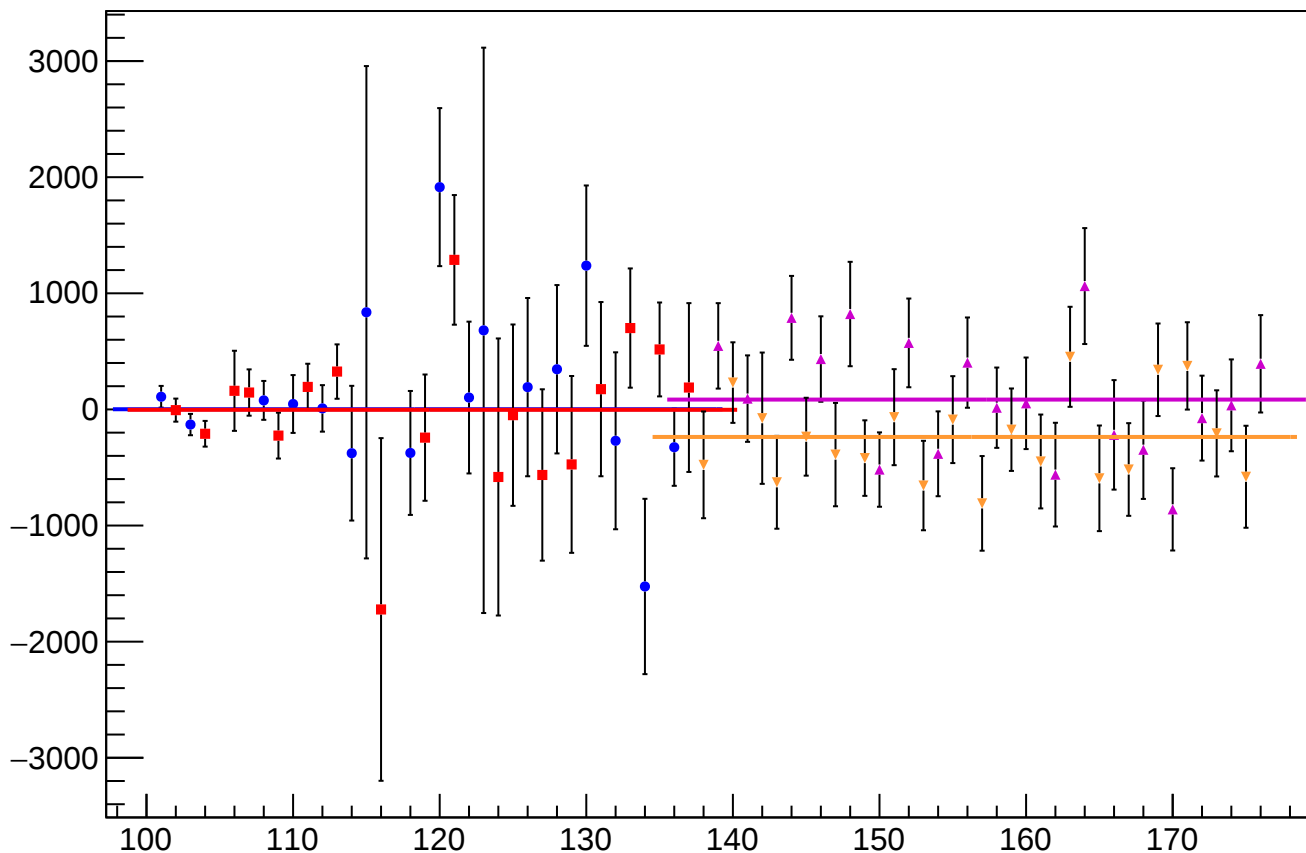
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 64.641 $\pm$ 0.010 χ^2 /NDF:518017.0/35

Out: 63.535 $\pm$ 0.010 χ^2 /NDF:753345.8/37

All: 64.073 $\pm$ 0.007 χ^2 /NDF: 1277743.9/73

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -237.061+/-88.406 χ^2/NDF :16.4/19

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 84.770+/-88.827 χ^2/NDF :31.7/18

Left: -76.911+/-62.661 χ^2/NDF : 54.7/38

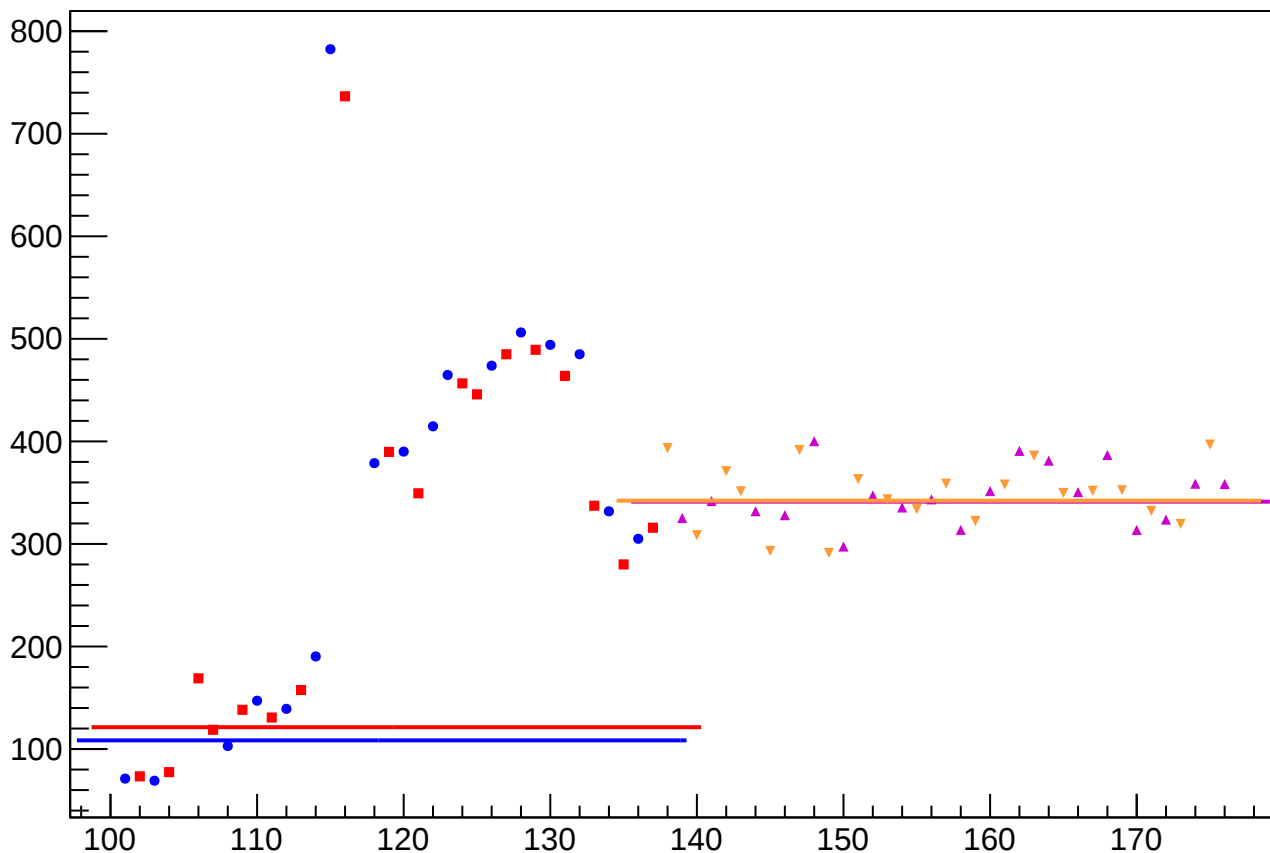
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 24.201+/-46.319 χ^2/NDF :53.8/35

Out: -71.239+/-47.674 χ^2/NDF :41.6/37

All: -22.143+/-33.221 χ^2/NDF : 97.4/73

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 342.190+/-0.063 χ^2/NDF : 248811.2/19

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 341.214+/-0.063 χ^2/NDF : 179831.8/18

Left: 341.705+/-0.044 χ^2/NDF : 428764.2/38

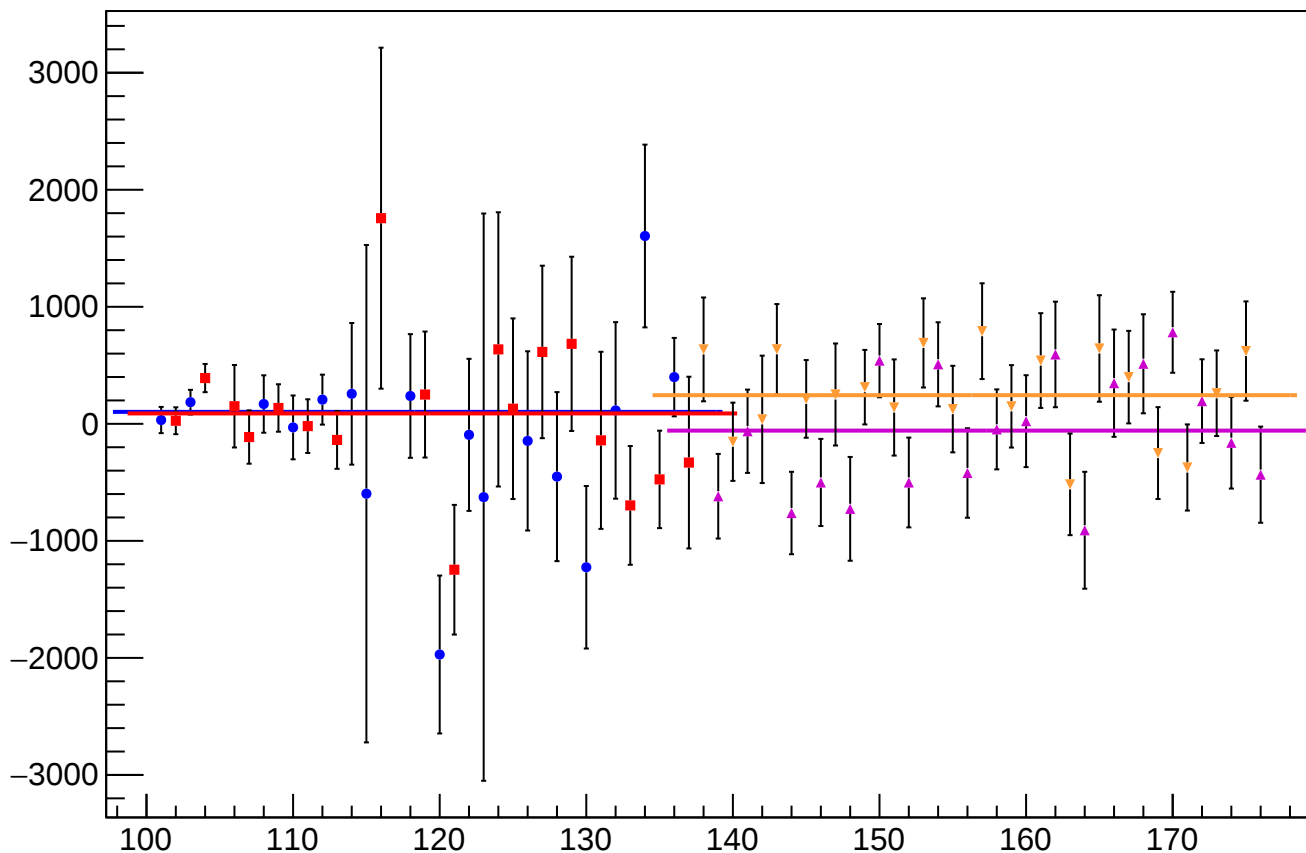
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 171.739+/-0.033 χ^2/NDF : 15583314.9/35

Out: 185.540+/-0.034 χ^2/NDF : 13835032.8/37

All: 178.440+/-0.023 χ^2/NDF : 29504560.9/73

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 244.643 $\pm$ 87.028 χ^2 /NDF:16.6/19

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -57.891 $\pm$ 87.553 χ^2 /NDF:33.4/18

Left: 94.286 $\pm$ 61.723 χ^2 /NDF: 56.0/38

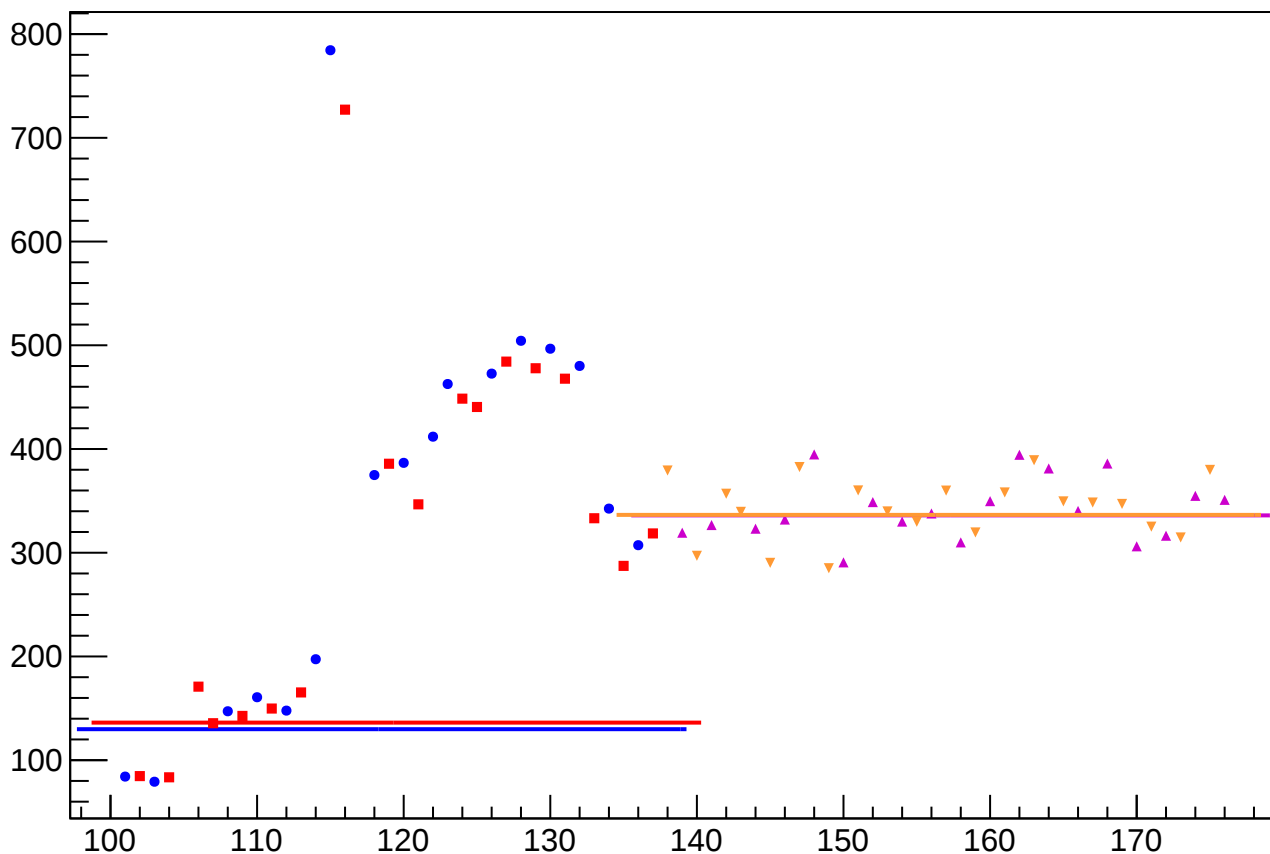
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 47.455 $\pm$ 51.205 χ^2 /NDF:55.9/35

Out: 141.552 $\pm$ 50.620 χ^2 /NDF:40.4/37

All: 95.044 $\pm$ 35.999 χ^2 /NDF: 98.0/73

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 336.487 $\pm$ 0.062 χ^2 /NDF: 251311.9/19

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 336.006 $\pm$ 0.062 χ^2 /NDF: 208673.4/18

Left: 336.248 $\pm$ 0.044 χ^2 /NDF: 460015.6/38

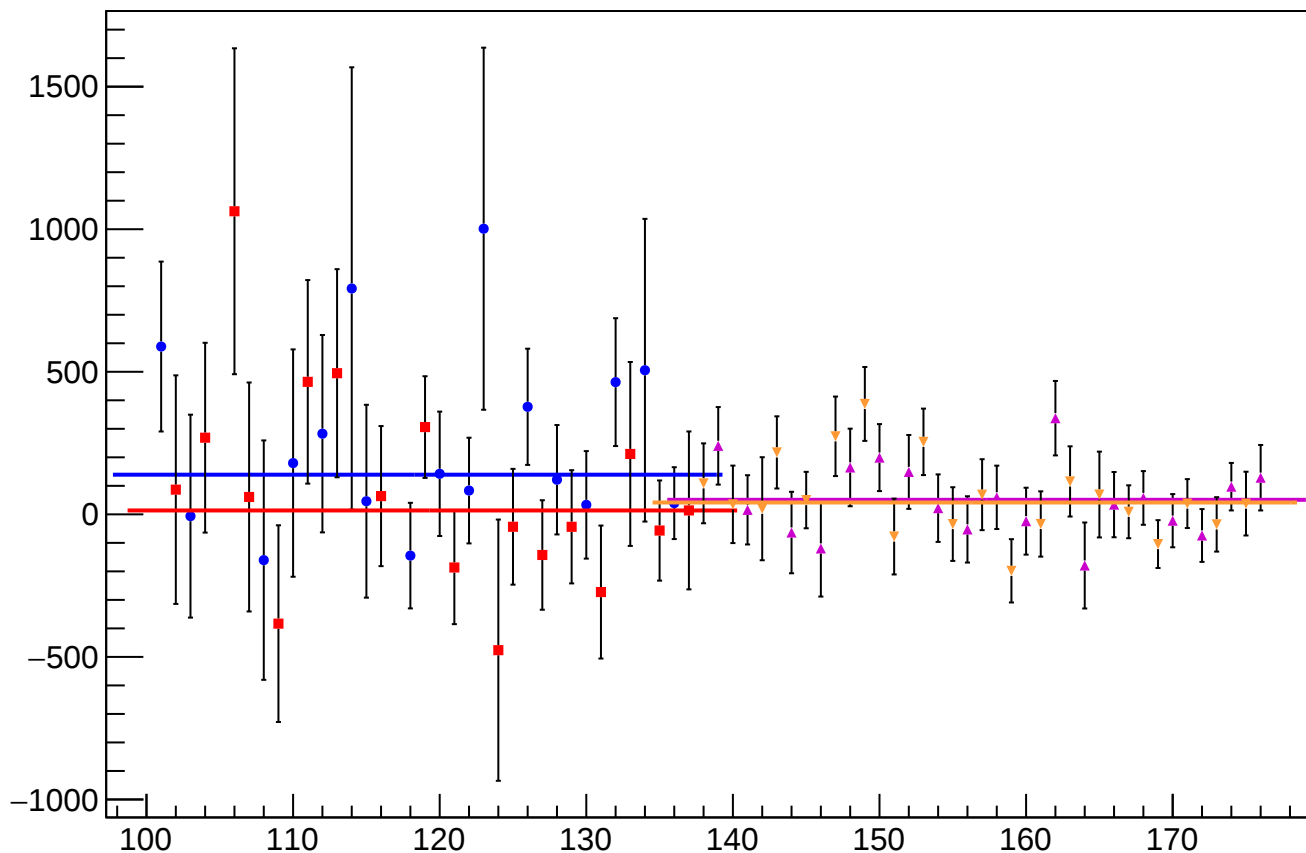
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 200.388 $\pm$ 0.036 χ^2 /NDF: 12331638.6/35

Out: 203.978 $\pm$ 0.036 χ^2 /NDF: 11541489.9/37

All: 202.204 $\pm$ 0.025 χ^2 /NDF: 23878101.9/73

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 ± 57.982 $\chi^2/\text{NDF}: 13.1/16$

Left Out: 41.622 ± 25.671 $\chi^2/\text{NDF}: 25.9/19$

Right Out: 13.637 ± 60.127 $\chi^2/\text{NDF}: 16.4/17$

Left In: 51.012 ± 26.404 $\chi^2/\text{NDF}: 18.2/18$

Left: 46.185 ± 18.406 $\chi^2/\text{NDF}: 44.1/38$

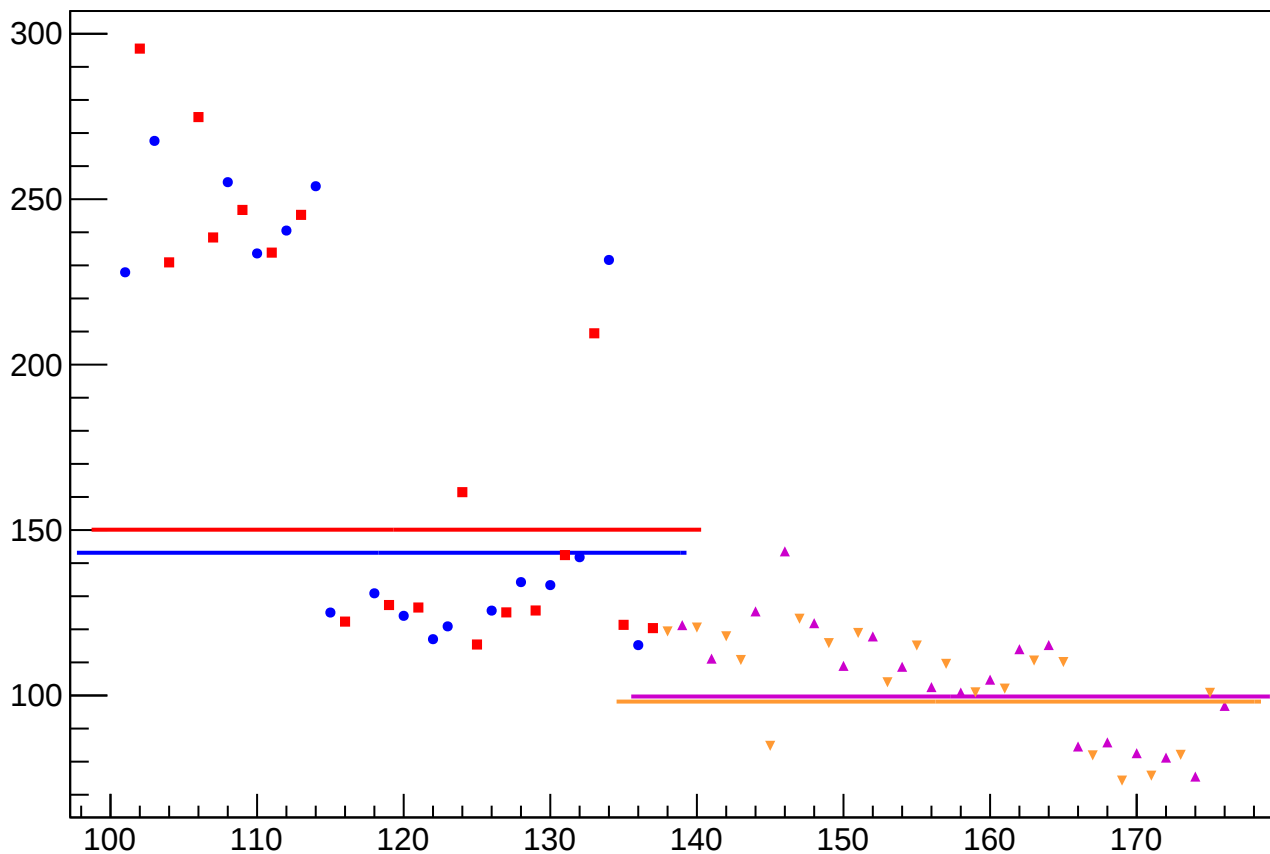
Right: 78.643 ± 41.737 $\chi^2/\text{NDF}: 31.8/34$

In: 66.141 ± 24.030 $\chi^2/\text{NDF}: 33.2/35$

Out: 37.307 ± 23.609 $\chi^2/\text{NDF}: 42.5/37$

All: 51.470 ± 16.841 $\chi^2/\text{NDF}: 76.4/73$

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: 98.157 $\pm$ 0.018 χ^2 /NDF: 840872.6/19

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.692 $\pm$ 0.019 χ^2 /NDF: 830156.1/18

Left: 98.903 $\pm$ 0.013 χ^2 /NDF: 1674501.3/38

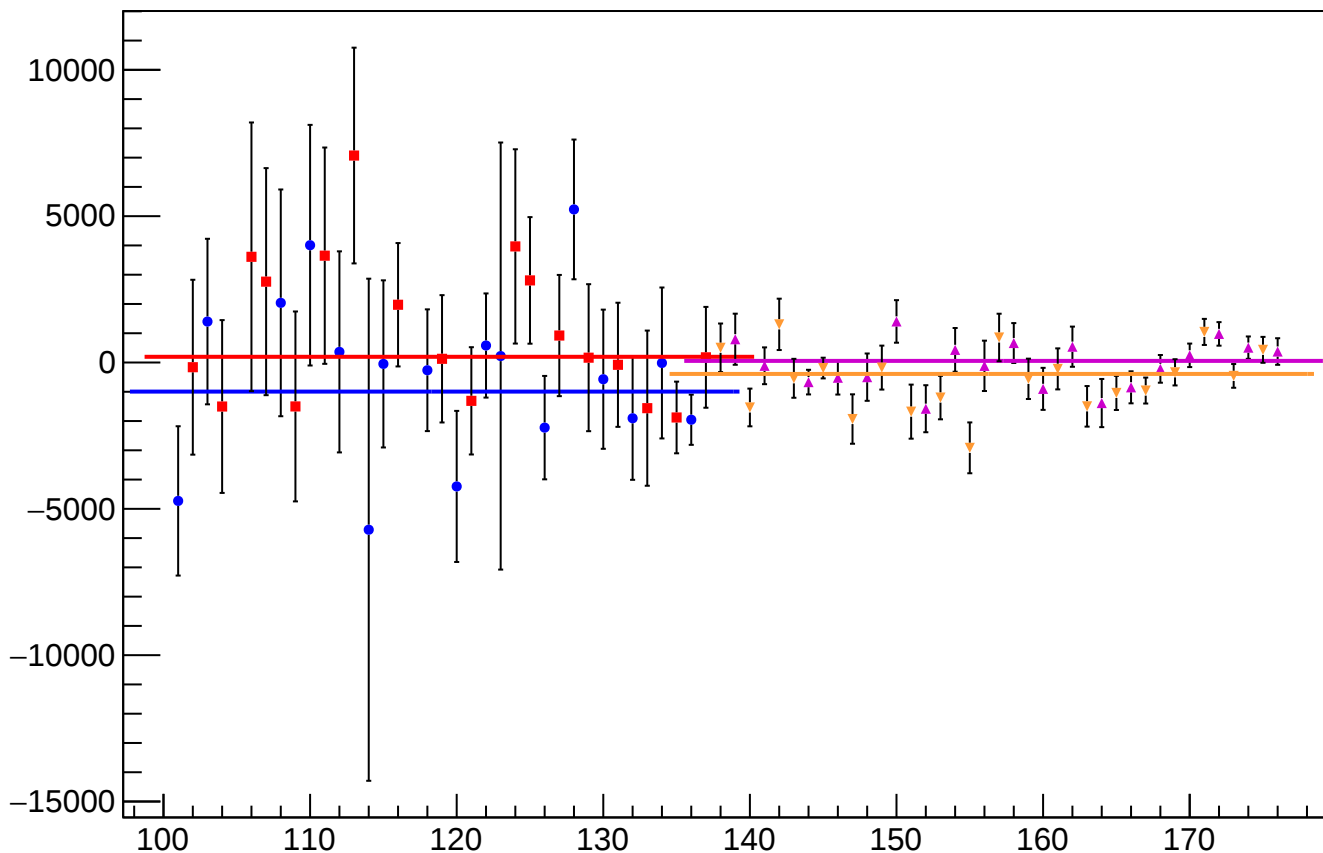
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 107.154 $\pm$ 0.017 χ^2 /NDF: 2861555.0/35

Out: 106.167 $\pm$ 0.017 χ^2 /NDF: 3436545.7/37

All: 106.652 $\pm$ 0.012 χ^2 /NDF: 6299817.2/73

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -390.479 ± 129.230 $\chi^2/\text{NDF}: 45.2/19$

Right Out: 195.049 ± 543.821 $\chi^2/\text{NDF}: 13.5/17$

Left In: 55.159 ± 128.873 $\chi^2/\text{NDF}: 29.7/18$

Left: -167.044 ± 91.253 $\chi^2/\text{NDF}: 80.8/38$

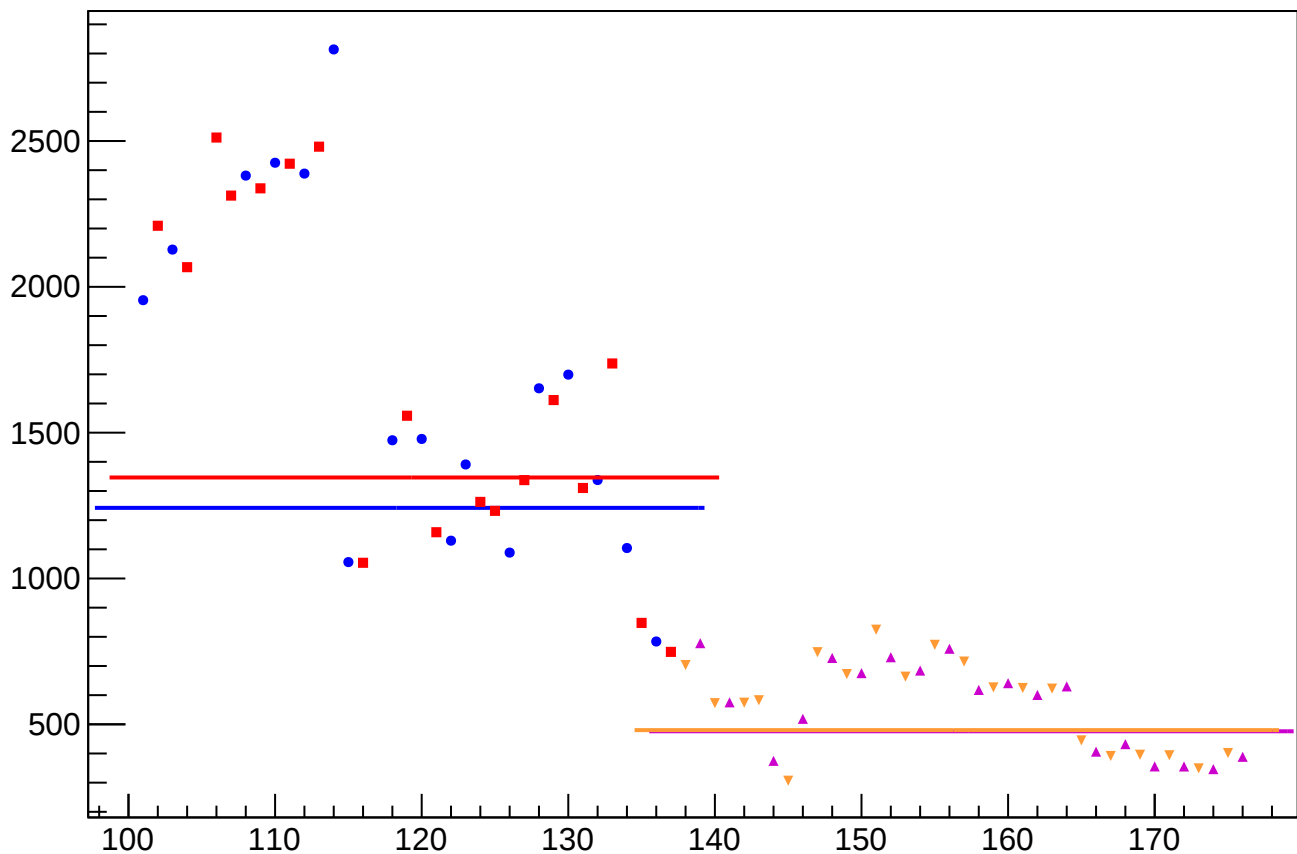
Right: -430.023 ± 374.493 $\chi^2/\text{NDF}: 33.0/34$

In: -6.325 ± 125.039 $\chi^2/\text{NDF}: 50.5/35$

Out: -359.181 ± 125.729 $\chi^2/\text{NDF}: 59.8/37$

All: -181.783 ± 88.659 $\chi^2/\text{NDF}: 114.3/73$

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 480.081 $\pm$ 0.091 χ^2 /NDF: 2628026.3/19

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 476.093 $\pm$ 0.091 χ^2 /NDF: 2374357.0/18

Left: 478.082 $\pm$ 0.065 χ^2 /NDF: 5003338.2/38

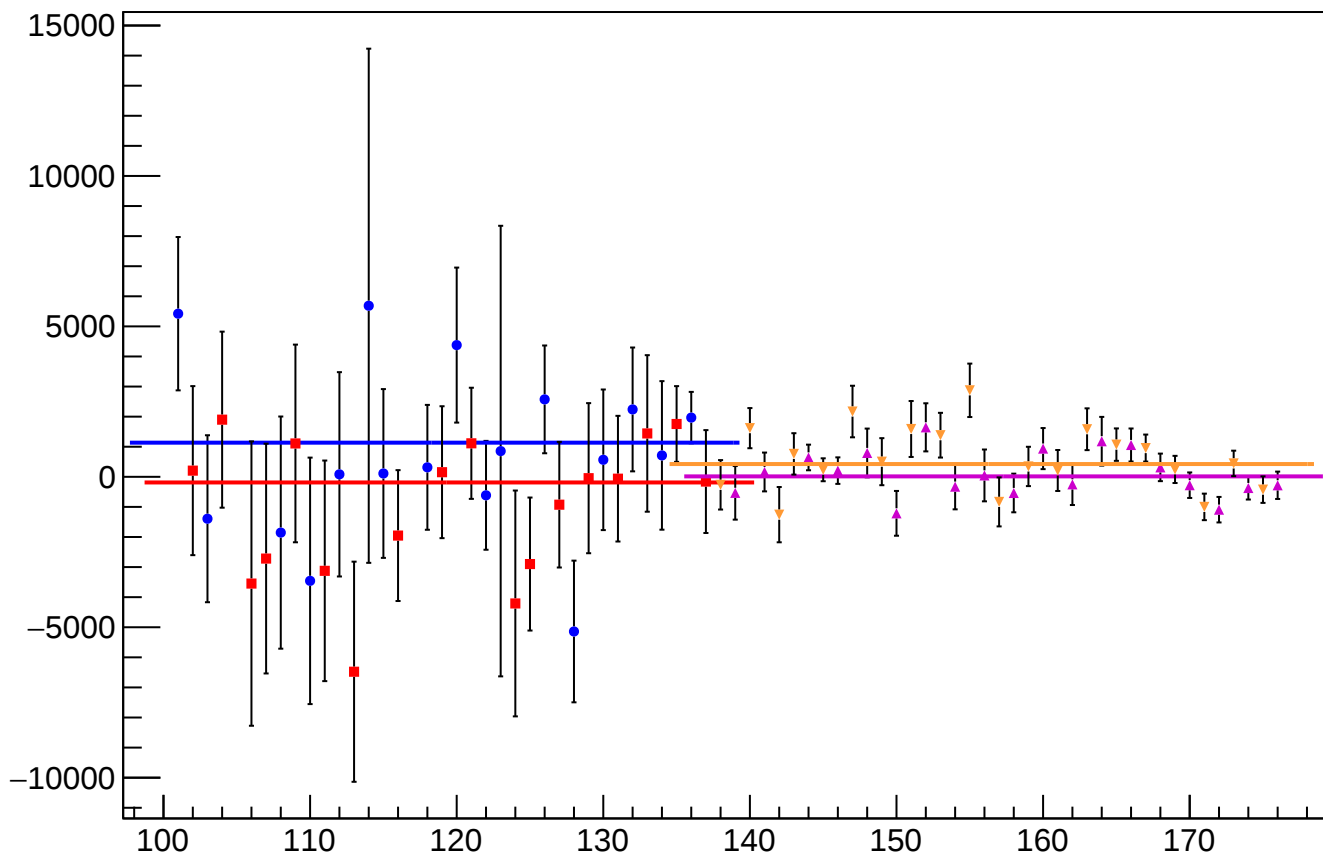
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 520.997 $\pm$ 0.088 χ^2 /NDF: 8284307.4/35

Out: 526.384 $\pm$ 0.089 χ^2 /NDF: 9240664.6/37

All: 523.676 $\pm$ 0.063 χ^2 /NDF: 17526817.4/73

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 424.695+/-130.816 χ^2/NDF : 45.2/19

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 14.560+/-127.615 χ^2/NDF : 28.4/18

Left: 214.548+/-91.348 χ^2/NDF : 78.6/38

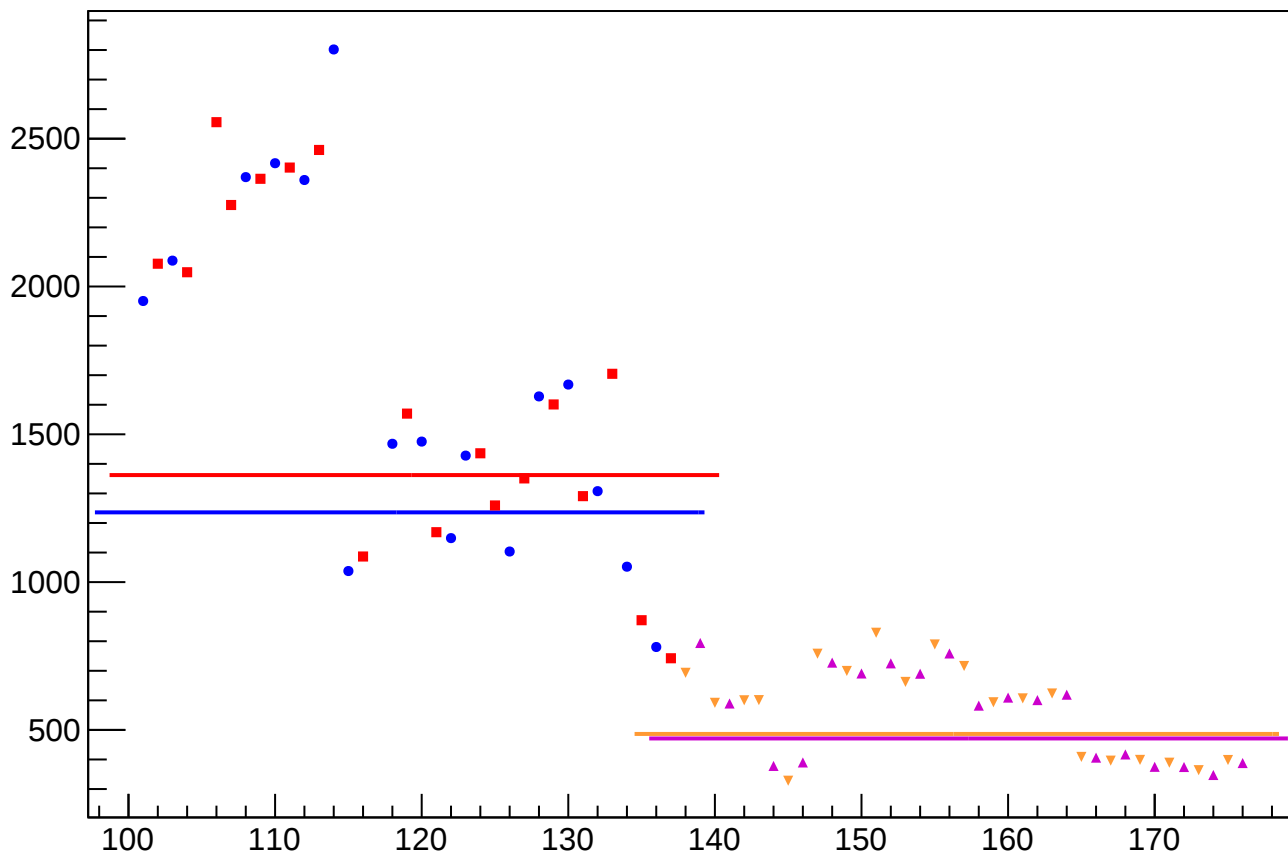
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 79.684+/-123.851 χ^2/NDF : 50.7/35

Out: 391.711+/-127.243 χ^2/NDF : 58.3/37

All: 231.483+/-88.751 χ^2/NDF : 112.1/73

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 486.382 $\pm$ 0.093 χ^2 /NDF: 2469765.3/19

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 471.102 $\pm$ 0.090 χ^2 /NDF: 2278505.4/18

Left: 478.553 $\pm$ 0.065 χ^2 /NDF: 4762252.1/38

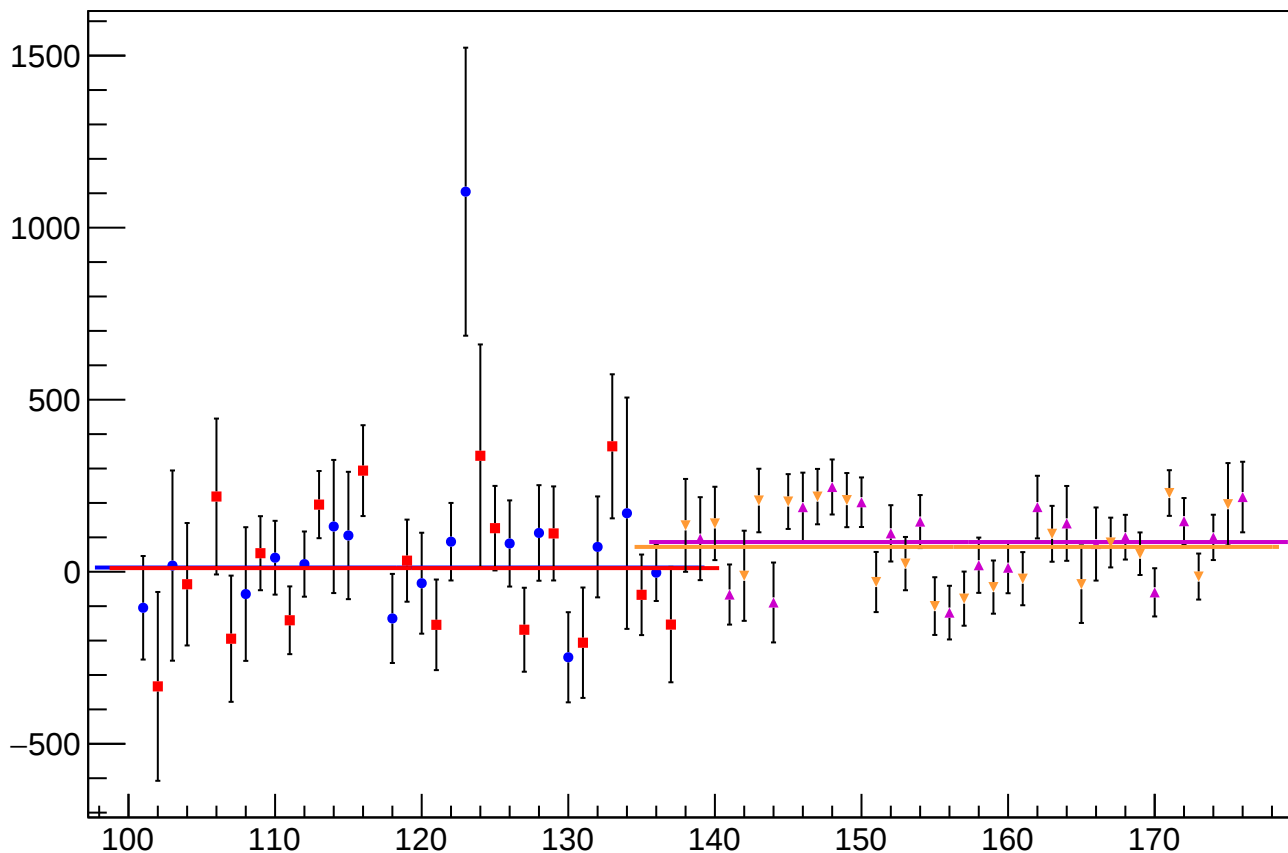
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 515.548 $\pm$ 0.088 χ^2 /NDF: 8198958.3/35

Out: 533.563 $\pm$ 0.090 χ^2 /NDF: 9007764.2/37

All: 524.312 $\pm$ 0.063 χ^2 /NDF: 17227308.2/73

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 72.194+/-18.467 χ^2/NDF : 35.1/19

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 86.410+/-18.822 χ^2/NDF : 30.7/18

Left: 79.166+/-13.182 χ^2/NDF : 66.0/38

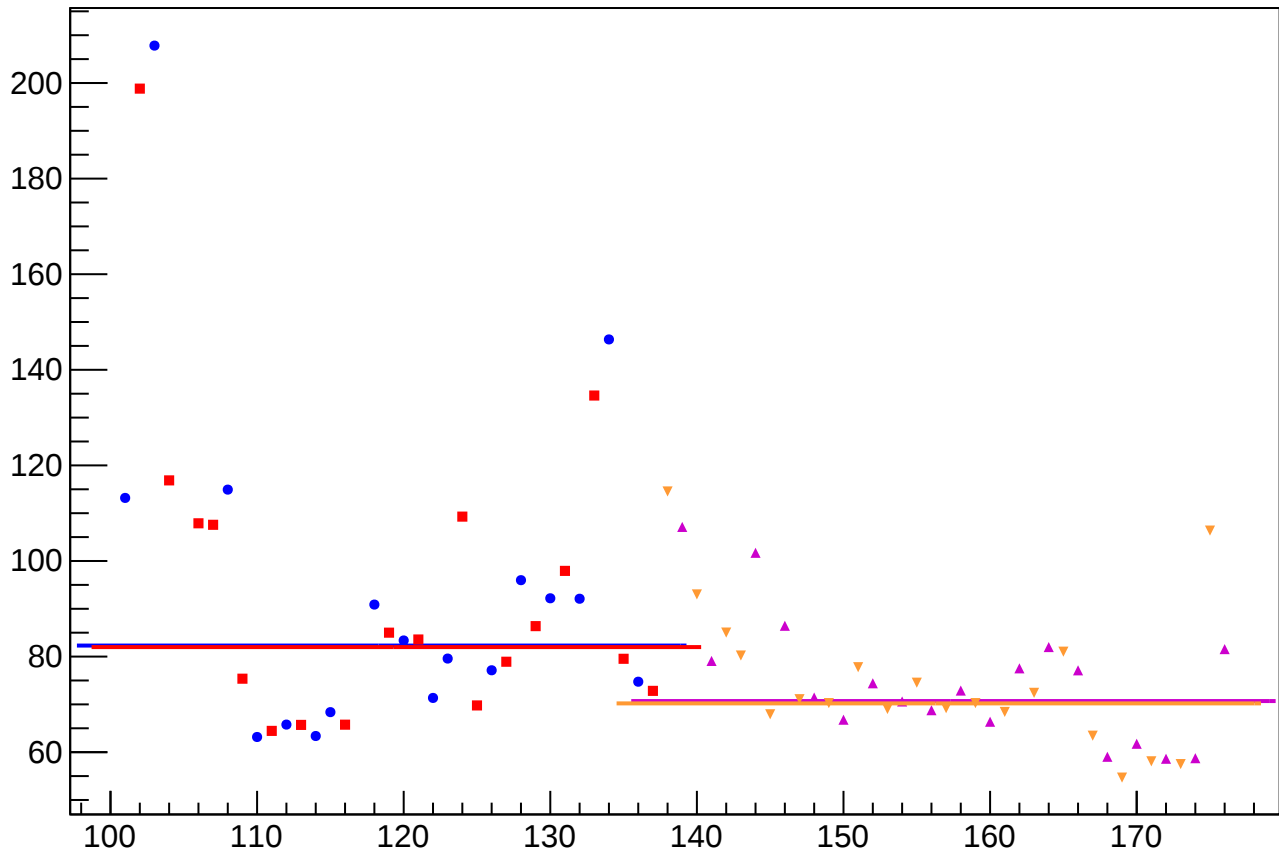
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 68.409+/-16.377 χ^2/NDF : 49.8/35

Out: 57.232+/-16.069 χ^2/NDF : 64.5/37

All: 62.714+/-11.470 χ^2/NDF : 114.6/73

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 70.207 $\pm$ 0.013 χ^2 /NDF: 865589.7/19

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 70.696 $\pm$ 0.013 χ^2 /NDF: 702988.2/18

Left: 70.447 $\pm$ 0.009 χ^2 /NDF: 1569266.5/38

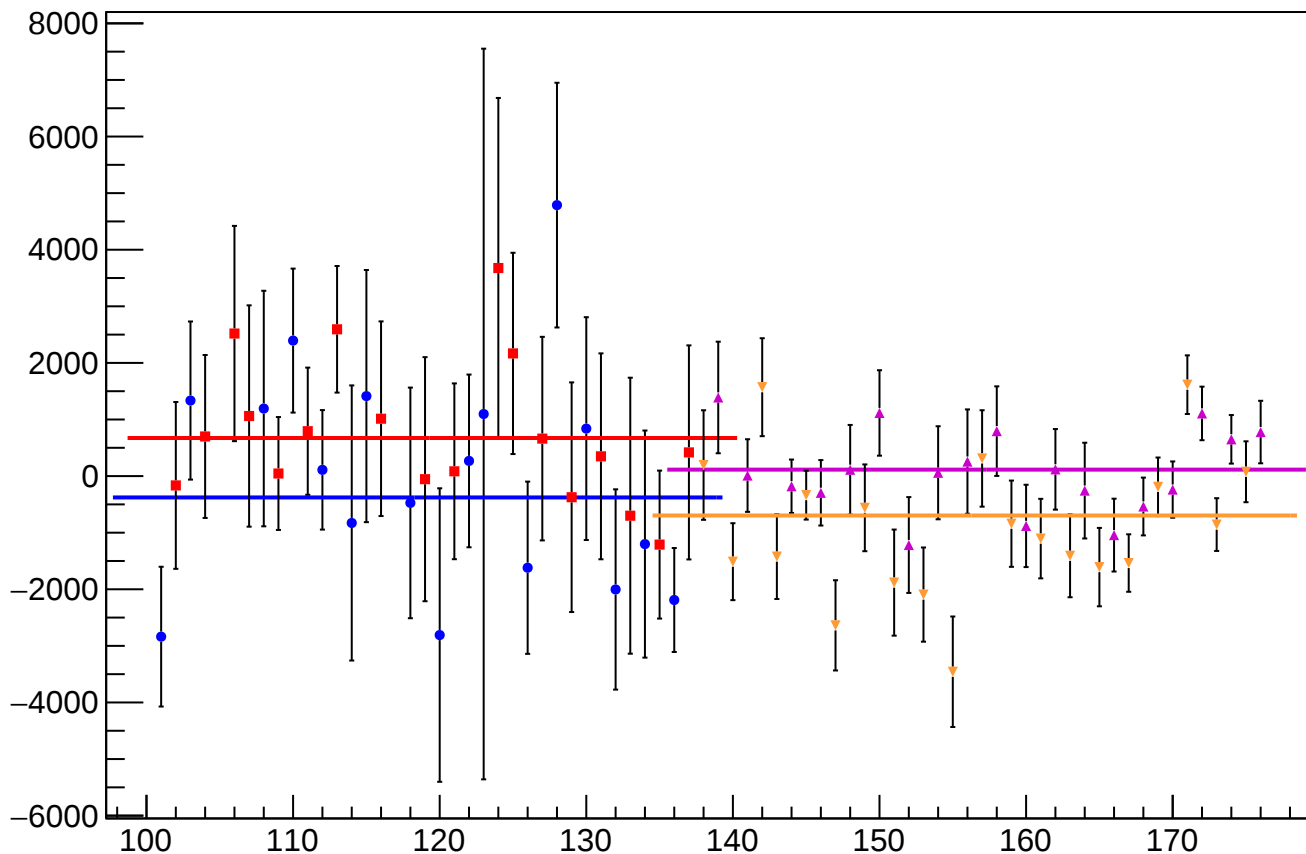
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 73.516 $\pm$ 0.012 χ^2 /NDF: 1756573.8/35

Out: 73.068 $\pm$ 0.011 χ^2 /NDF: 1916472.2/37

All: 73.288 $\pm$ 0.008 χ^2 /NDF: 3673809.9/73

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -696.025 $\pm$ 145.769 χ^2 /NDF:59.4/19

Right Out: 673.192 $\pm$ 368.624 χ^2 /NDF: 9.4/17

Left In: 114.145 $\pm$ 143.333 χ^2 /NDF:22.4/18

Left: -284.113 $\pm$ 102.202 χ^2 /NDF: 97.5/38

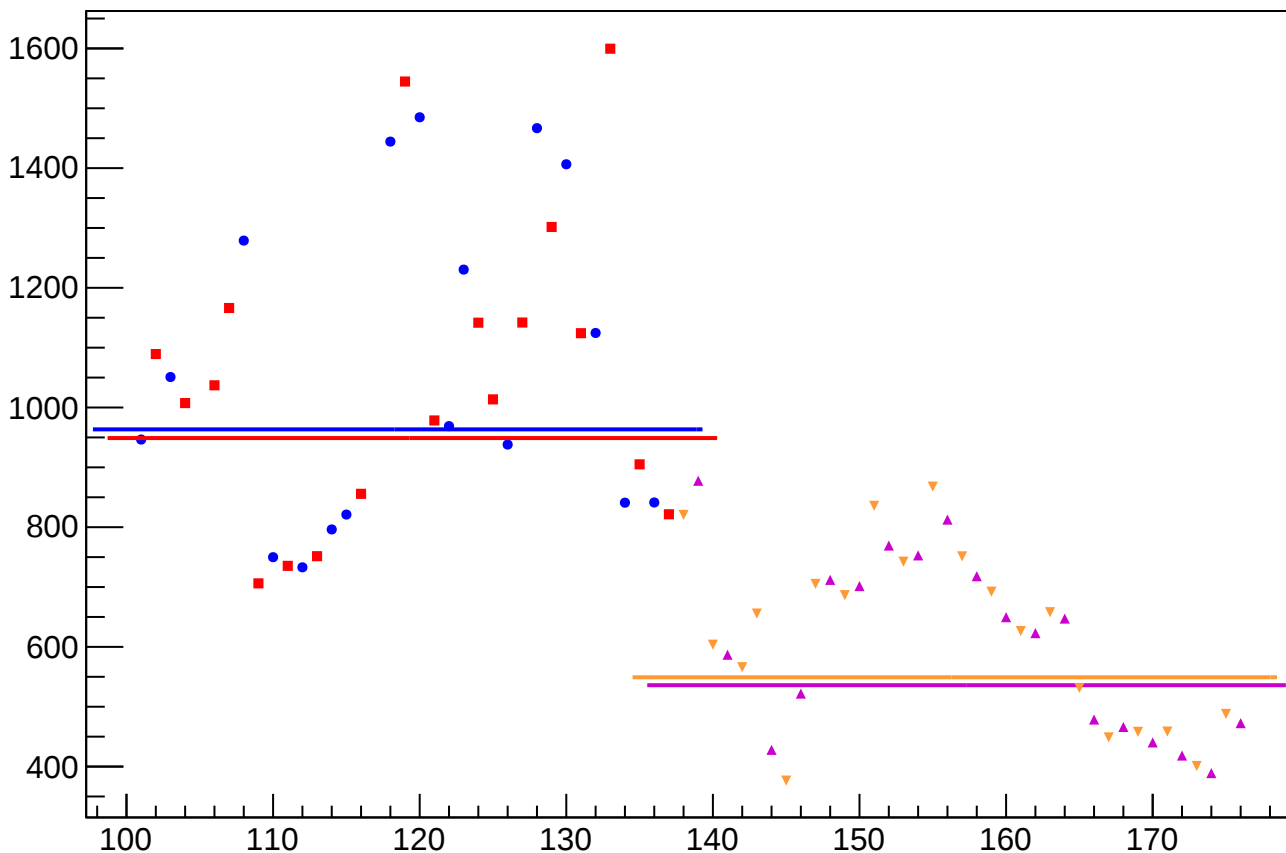
Right: 169.244 $\pm$ 265.892 χ^2 /NDF: 37.7/34

In: 54.016 $\pm$ 134.279 χ^2 /NDF:48.3/35

Out: -510.868 $\pm$ 135.555 χ^2 /NDF:80.7/37

All: -225.754 $\pm$ 95.398 χ^2 /NDF: 137.8/73

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 549.214+/-0.103 χ^2/NDF : 1860592.5/19

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 535.970+/-0.101 χ^2/NDF : 1756031.6/18

Left: 542.480+/-0.072 χ^2/NDF : 3625017.8/38

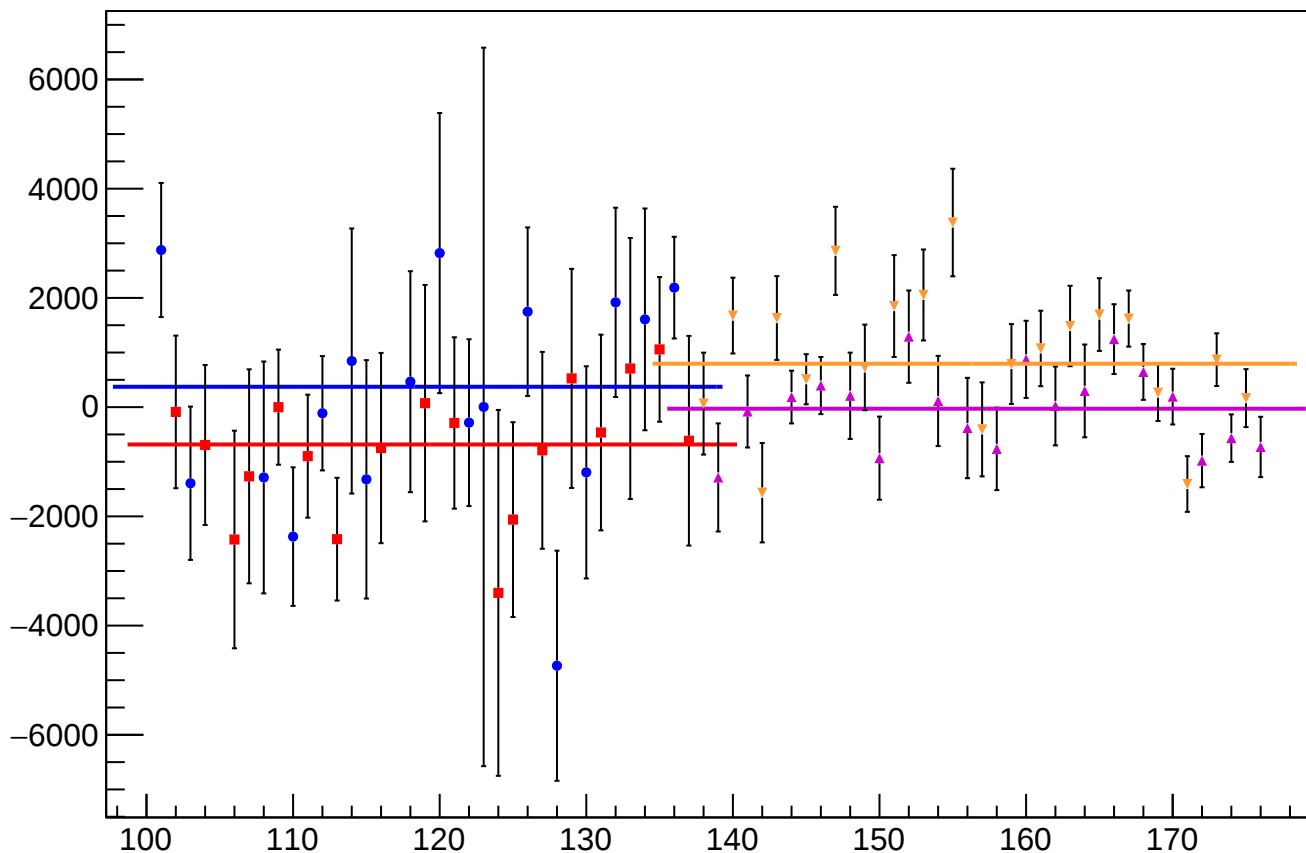
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 588.272+/-0.095 χ^2/NDF : 4621585.0/35

Out: 603.269+/-0.096 χ^2/NDF : 4623763.5/37

All: 595.700+/-0.067 χ^2/NDF : 9257703.5/73

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 $\chi^2/\text{NDF}: 25.3/16$

Left Out: 795.249 ± 147.020 $\chi^2/\text{NDF}: 56.1/19$

Right Out: -683.612 ± 372.418 $\chi^2/\text{NDF}: 7.8/17$

Left In: -28.547 ± 143.470 $\chi^2/\text{NDF}: 22.2/18$

Left: 373.287 ± 102.681 $\chi^2/\text{NDF}: 94.4/38$

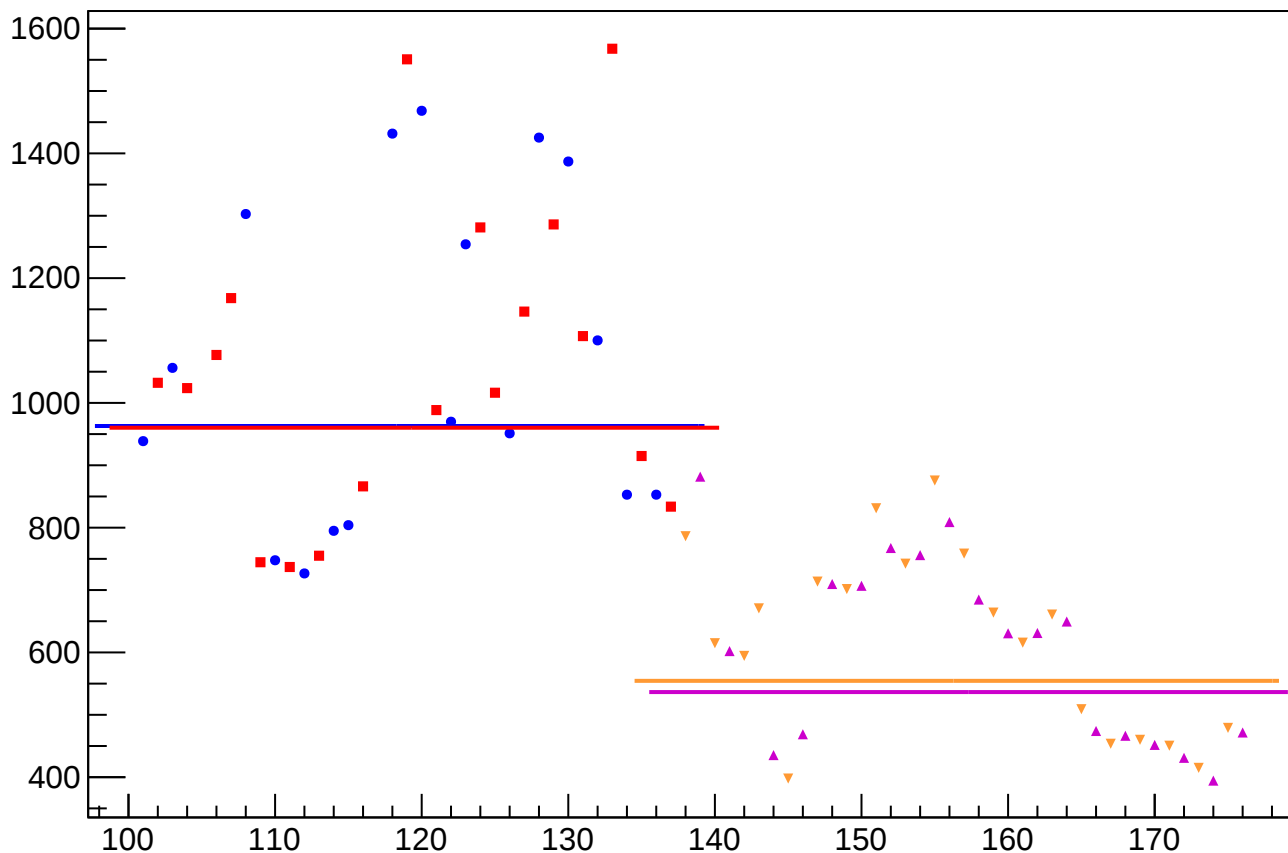
Right: -171.066 ± 267.226 $\chi^2/\text{NDF}: 36.9/34$

In: 20.703 ± 134.382 $\chi^2/\text{NDF}: 48.4/35$

Out: 595.852 ± 136.750 $\chi^2/\text{NDF}: 77.5/37$

All: 303.255 ± 95.848 $\chi^2/\text{NDF}: 134.9/73$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 554.456 $\pm$ 0.104 χ^2 /NDF: 1717454.4/19

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 536.454 $\pm$ 0.101 χ^2 /NDF: 1675091.8/18

Left: 545.235 $\pm$ 0.073 χ^2 /NDF: 3407904.4/38

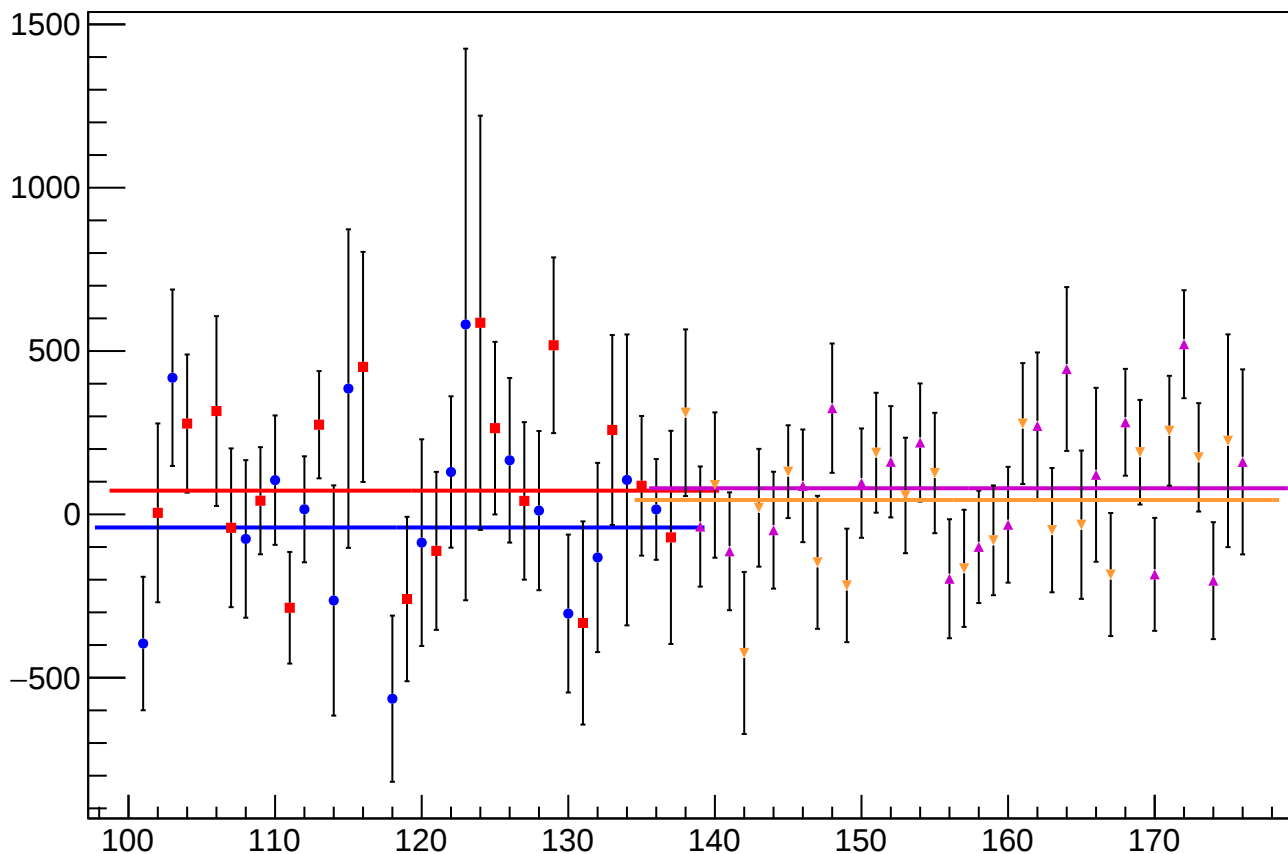
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 588.781 $\pm$ 0.095 χ^2 /NDF: 4511123.1/35

Out: 609.165 $\pm$ 0.097 χ^2 /NDF: 4442522.7/37

All: 598.795 $\pm$ 0.068 χ^2 /NDF: 8976253.9/73

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 44.048 ± 41.828 χ^2/NDF : 17.7/19

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 79.926 ± 42.714 χ^2/NDF : 24.6/18

Left: 61.611 ± 29.885 χ^2/NDF : 42.7/38

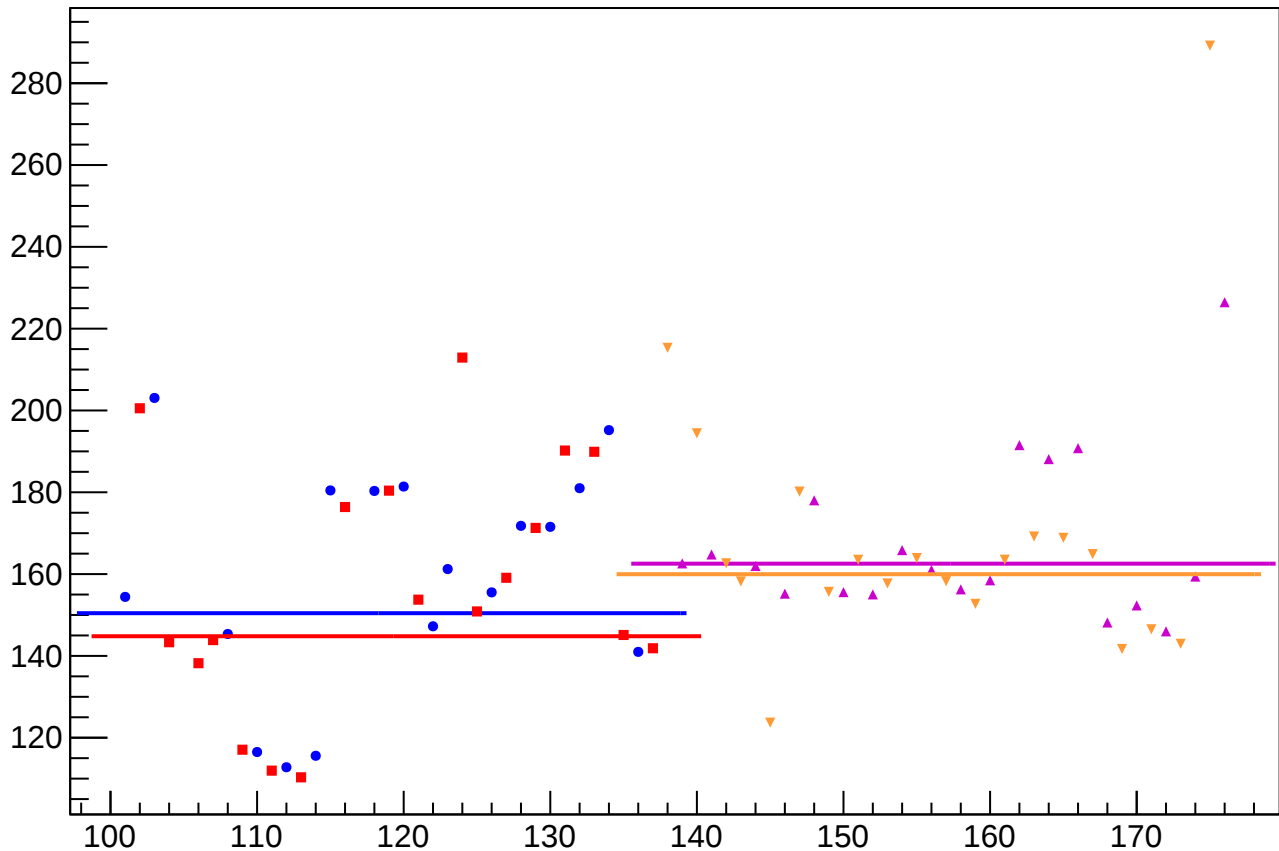
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 38.877 ± 34.650 χ^2/NDF : 42.7/35

Out: 54.202 ± 33.578 χ^2/NDF : 35.5/37

All: 46.780 ± 24.114 χ^2/NDF : 78.3/73

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442+/-0.042 χ^2/NDF : 400121.4/16

Left Out: 159.973+/-0.030 χ^2/NDF :684430.4/19

Right Out: 144.807+/-0.040 χ^2/NDF : 503863.1/17

Left In: 162.548+/-0.030 χ^2/NDF :249477.7/18

Left: 161.233+/-0.021 χ^2/NDF : 937619.0/38

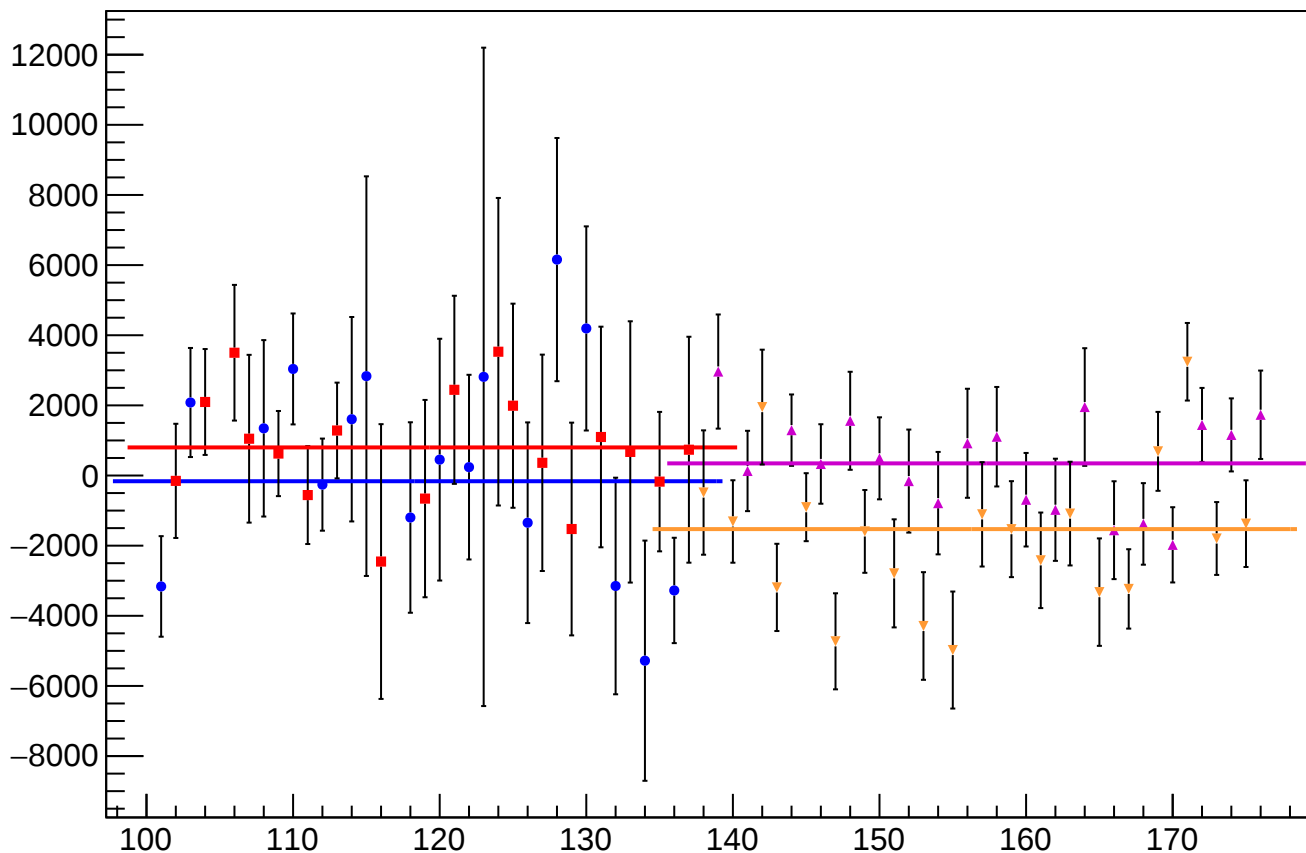
Right: 147.481+/-0.029 χ^2/NDF : 913486.7/34

In: 158.408+/-0.025 χ^2/NDF :704533.6/35

Out: 154.581+/-0.024 χ^2/NDF :1281773.9/37

All: 156.434+/-0.017 χ^2/NDF : 1998893.4/73

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1528.004 $\pm$ 289.178 χ^2 /NDF:47.6/19

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 346.249 $\pm$ 289.502 χ^2 /NDF:19.4/18

Left: -591.927 $\pm$ 204.594 χ^2 /NDF: 87.9/38

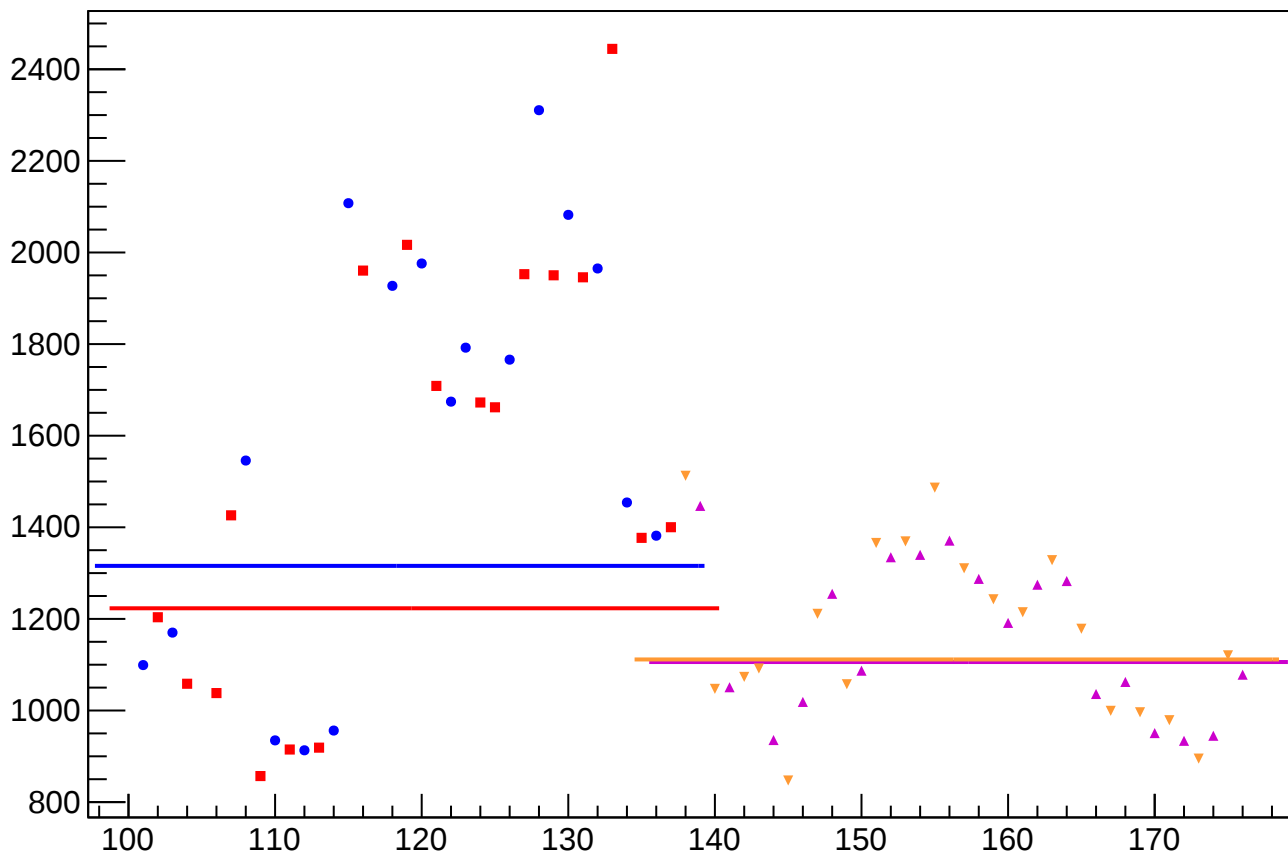
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 230.336 $\pm$ 254.416 χ^2 /NDF:45.2/35

Out: -920.126 $\pm$ 248.594 χ^2 /NDF:71.4/37

All: -358.208 $\pm$ 177.805 χ^2 /NDF: 127.0/73

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: 1111.464 $\pm$ 0.204 χ^2/NDF : 754150.7/19

Right Out: 1223.179 $\pm$ 0.344 χ^2/NDF : 1363055.0/17

Left In: 1105.855 $\pm$ 0.205 χ^2/NDF : 582992.2/18

Left: 1108.662 $\pm$ 0.145 χ^2/NDF : 1337518.7/38

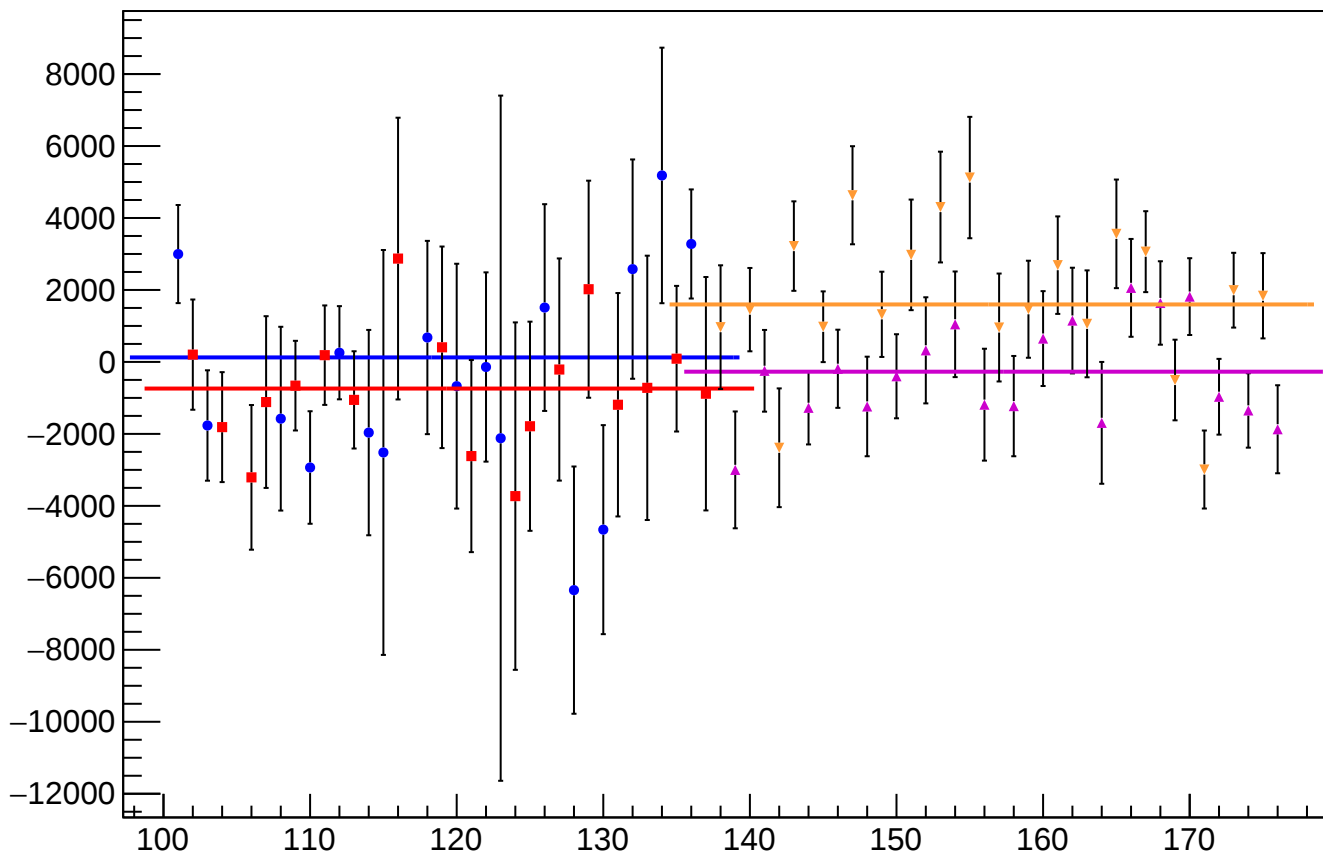
Right: 1265.263 $\pm$ 0.254 χ^2/NDF : 2514318.9/34

In: 1153.656 $\pm$ 0.180 χ^2/NDF : 1940802.2/35

Out: 1140.620 $\pm$ 0.176 χ^2/NDF : 2195106.6/37

All: 1146.987 $\pm$ 0.126 χ^2/NDF : 4138595.2/73

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 1597.409 ± 287.584 $\chi^2/\text{NDF}: 47.3/19$

Right Out: -739.954 ± 486.808 $\chi^2/\text{NDF}: 6.0/17$

Left In: -271.493 ± 287.073 $\chi^2/\text{NDF}: 20.9/18$

Left: 661.294 ± 203.172 $\chi^2/\text{NDF}: 89.4/38$

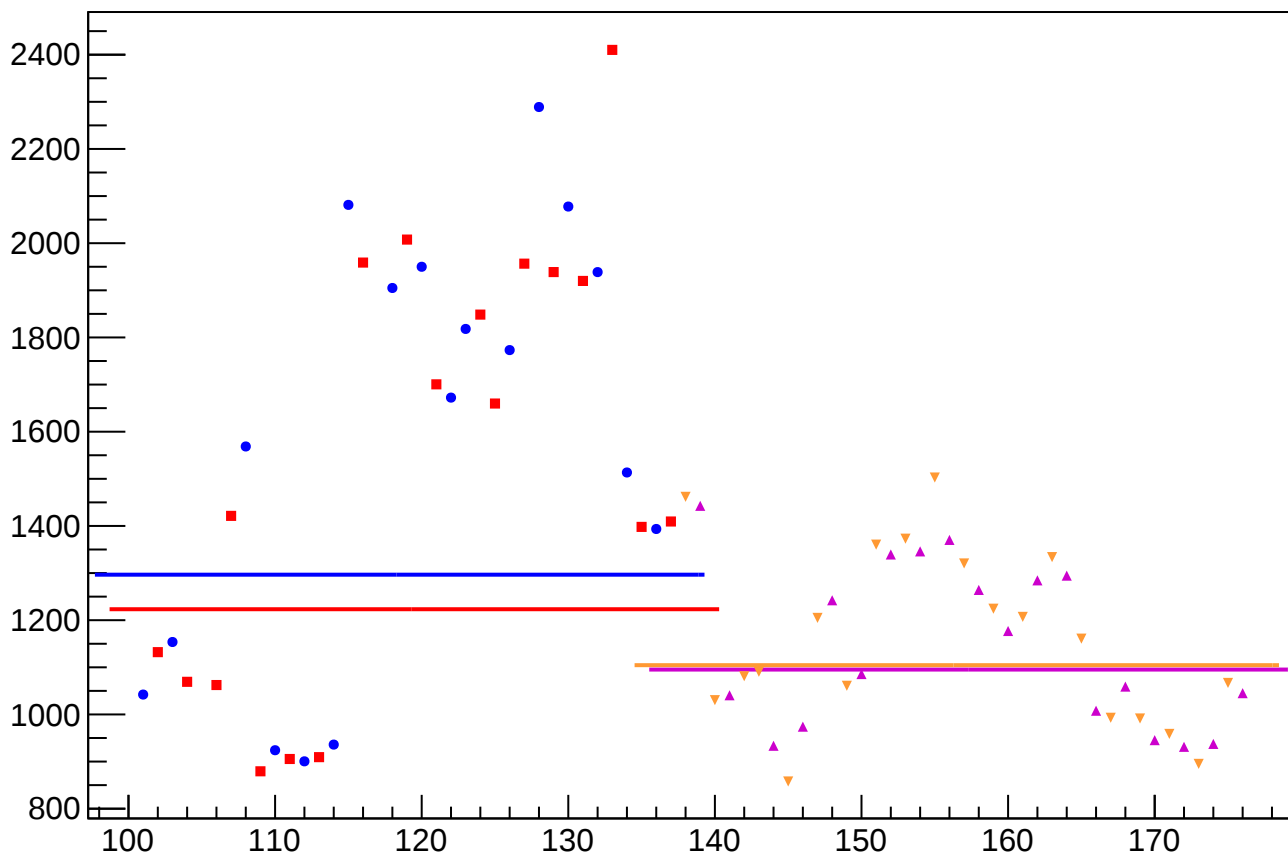
Right: -341.379 ± 357.529 $\chi^2/\text{NDF}: 32.1/34$

In: -180.625 ± 252.075 $\chi^2/\text{NDF}: 46.0/35$

Out: 992.721 ± 247.606 $\chi^2/\text{NDF}: 70.4/37$

All: 416.542 ± 176.642 $\chi^2/\text{NDF}: 127.5/73$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1104.543 $\pm$ 0.203 χ^2 /NDF: 741378.0/19

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1095.227 $\pm$ 0.203 χ^2 /NDF: 616345.8/18

Left: 1099.876 $\pm$ 0.144 χ^2 /NDF: 1358775.0/38

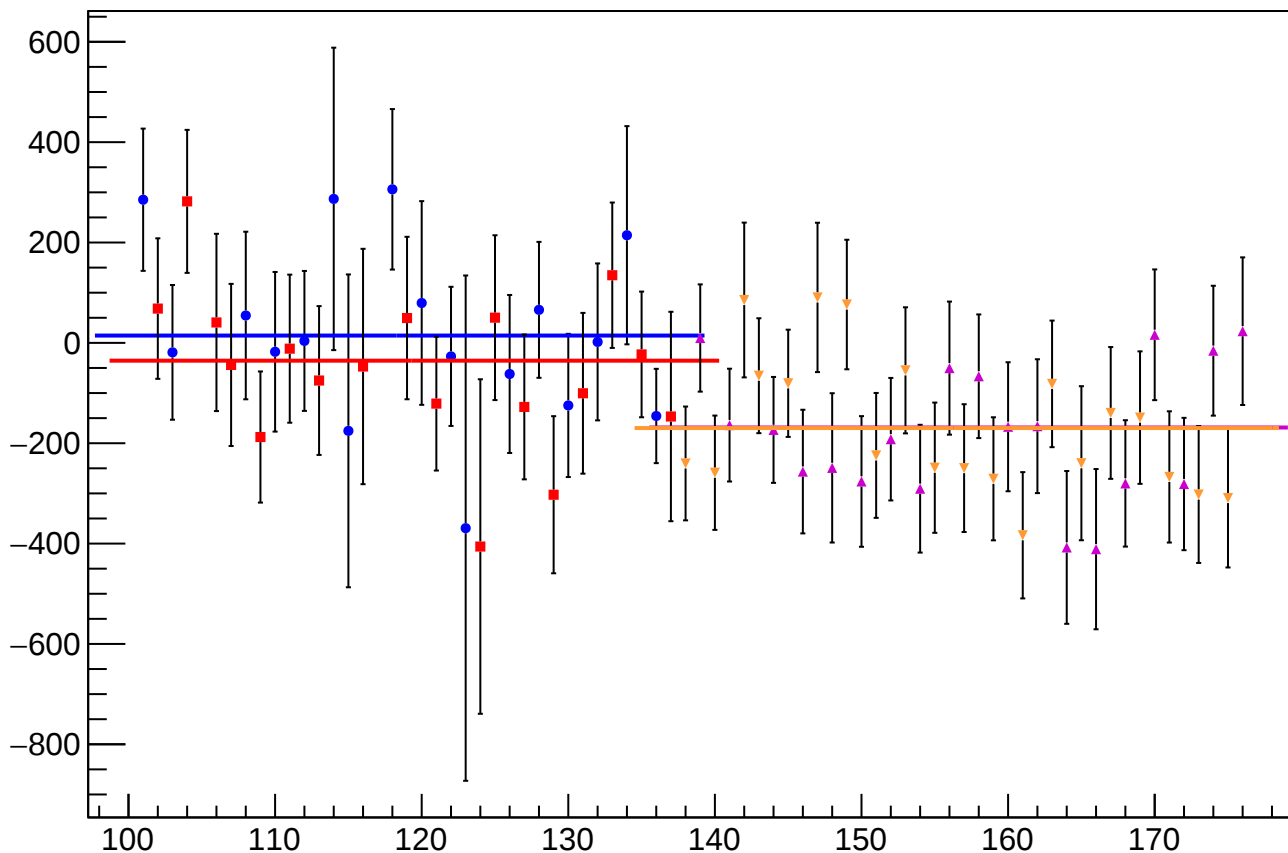
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1141.328 $\pm$ 0.178 χ^2 /NDF: 2017079.3/35

Out: 1135.259 $\pm$ 0.175 χ^2 /NDF: 2176261.5/37

All: 1138.239 $\pm$ 0.125 χ^2 /NDF: 4193930.8/73

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



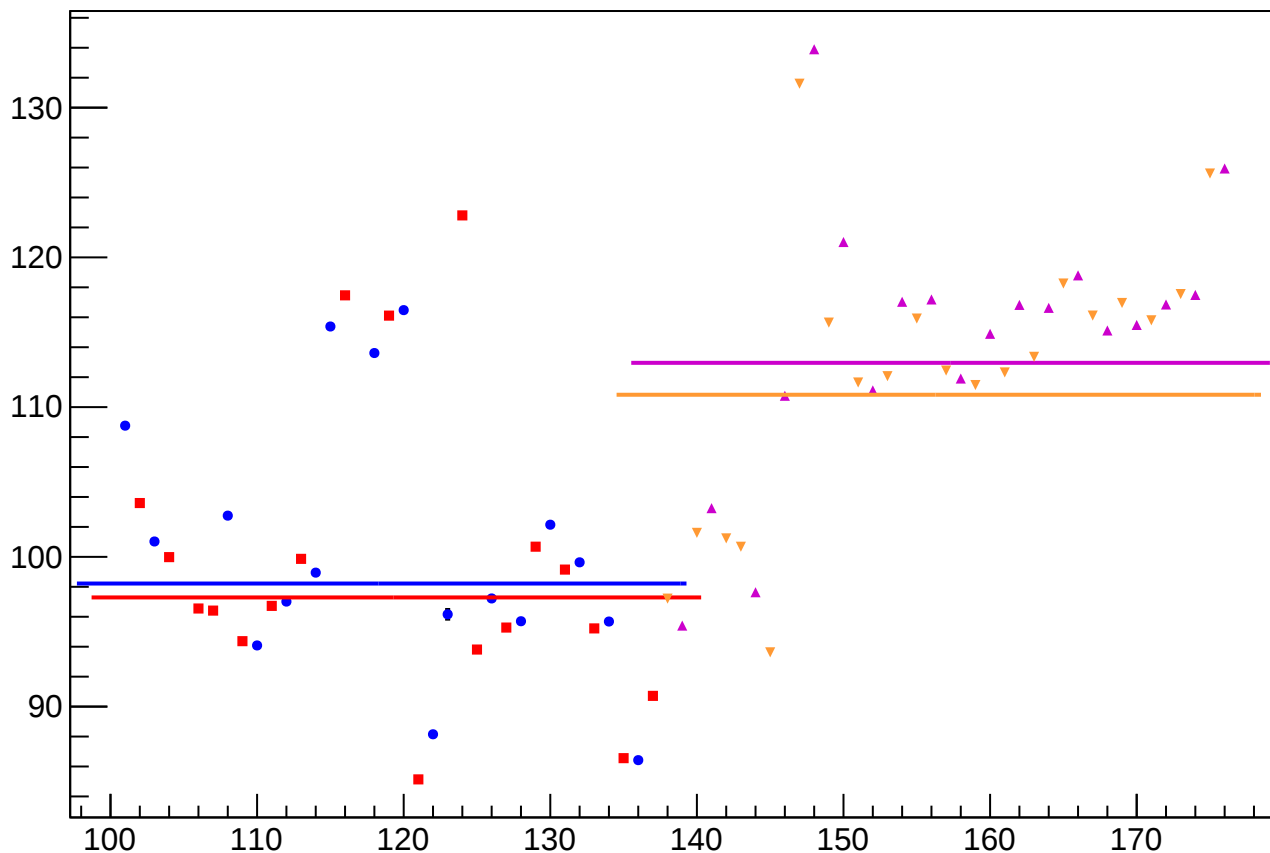
Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -169.755 ± 28.518 $\chi^2/\text{NDF}: 20.6/19$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -168.665 ± 29.330 $\chi^2/\text{NDF}: 18.1/18$

Left: -169.225 ± 20.446 $\chi^2/\text{NDF}: 38.7/38$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -100.293 ± 23.222 $\chi^2/\text{NDF}: 46.9/35$
 Out: -119.249 ± 22.525 $\chi^2/\text{NDF}: 43.5/37$

All: -110.060 ± 16.168 $\chi^2/\text{NDF}: 90.7/73$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 110.827+/-0.020 χ^2/NDF : 206606.8/19

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 112.958+/-0.021 χ^2/NDF : 190691.3/18

Left: 111.862+/-0.014 χ^2/NDF : 402727.3/38

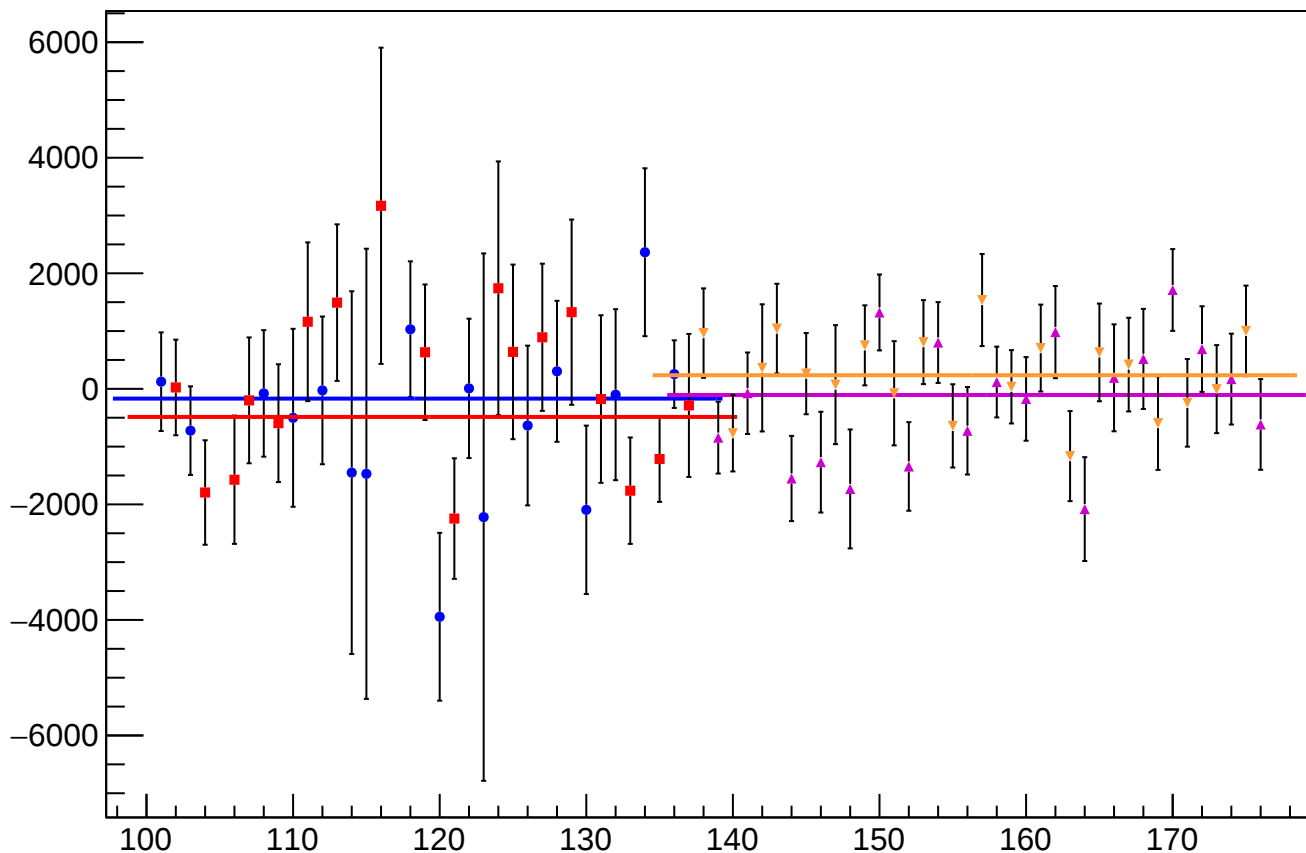
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 107.459+/-0.016 χ^2/NDF : 479652.4/35

Out: 105.735+/-0.016 χ^2/NDF : 472307.1/37

All: 106.571+/-0.011 χ^2/NDF : 957634.3/73

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 235.840 ± 172.681 $\chi^2/\text{NDF}: 16.2/19$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -106.051 ± 172.911 $\chi^2/\text{NDF}: 35.0/18$

Left: 65.121 ± 122.185 $\chi^2/\text{NDF}: 53.2/38$

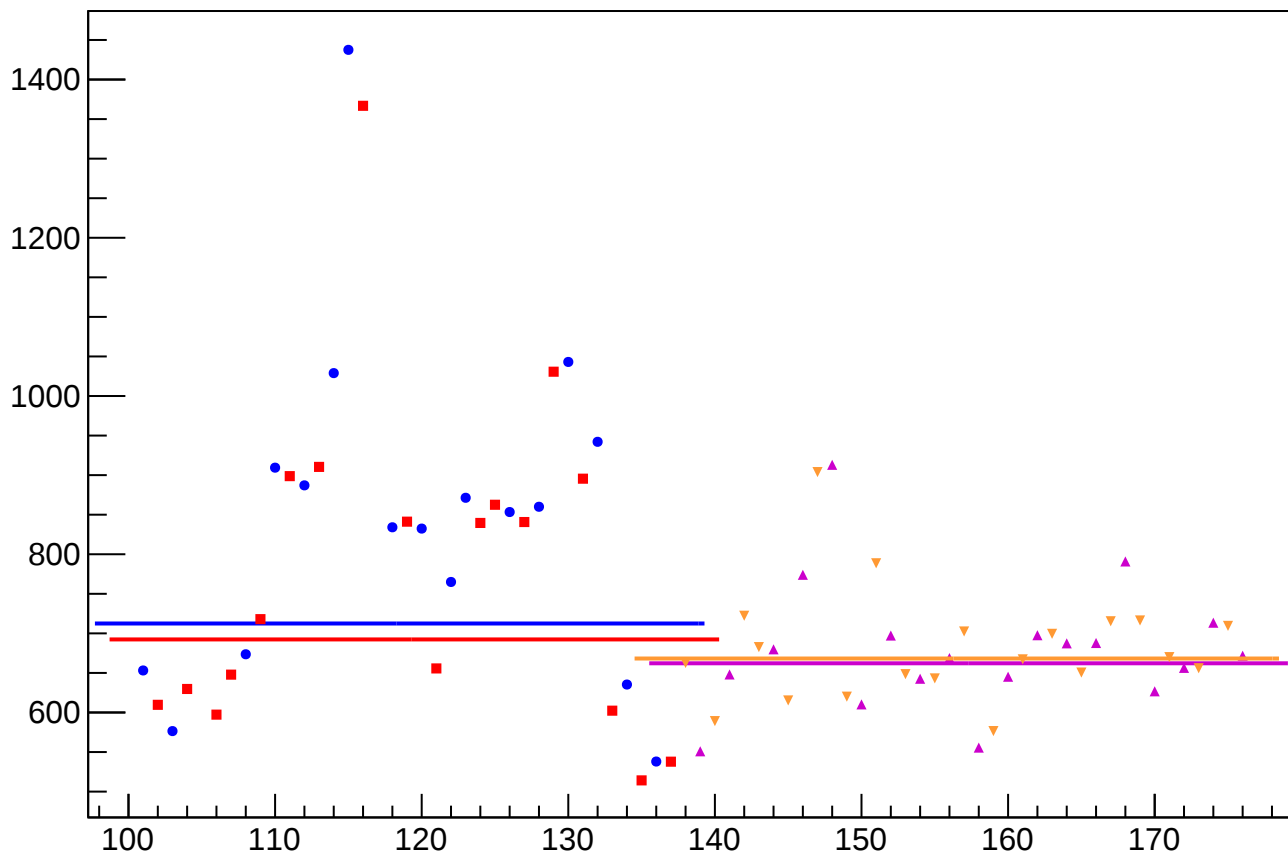
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -123.181 ± 147.432 $\chi^2/\text{NDF}: 49.6/35$

Out: 23.994 ± 145.160 $\chi^2/\text{NDF}: 41.0/37$

All: -48.451 ± 103.438 $\chi^2/\text{NDF}: 91.1/73$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 668.219+/-0.122 χ^2/NDF : 268901.9/19

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 662.179+/-0.122 χ^2/NDF : 362960.3/18

Left: 665.203+/-0.086 χ^2/NDF : 633083.8/38

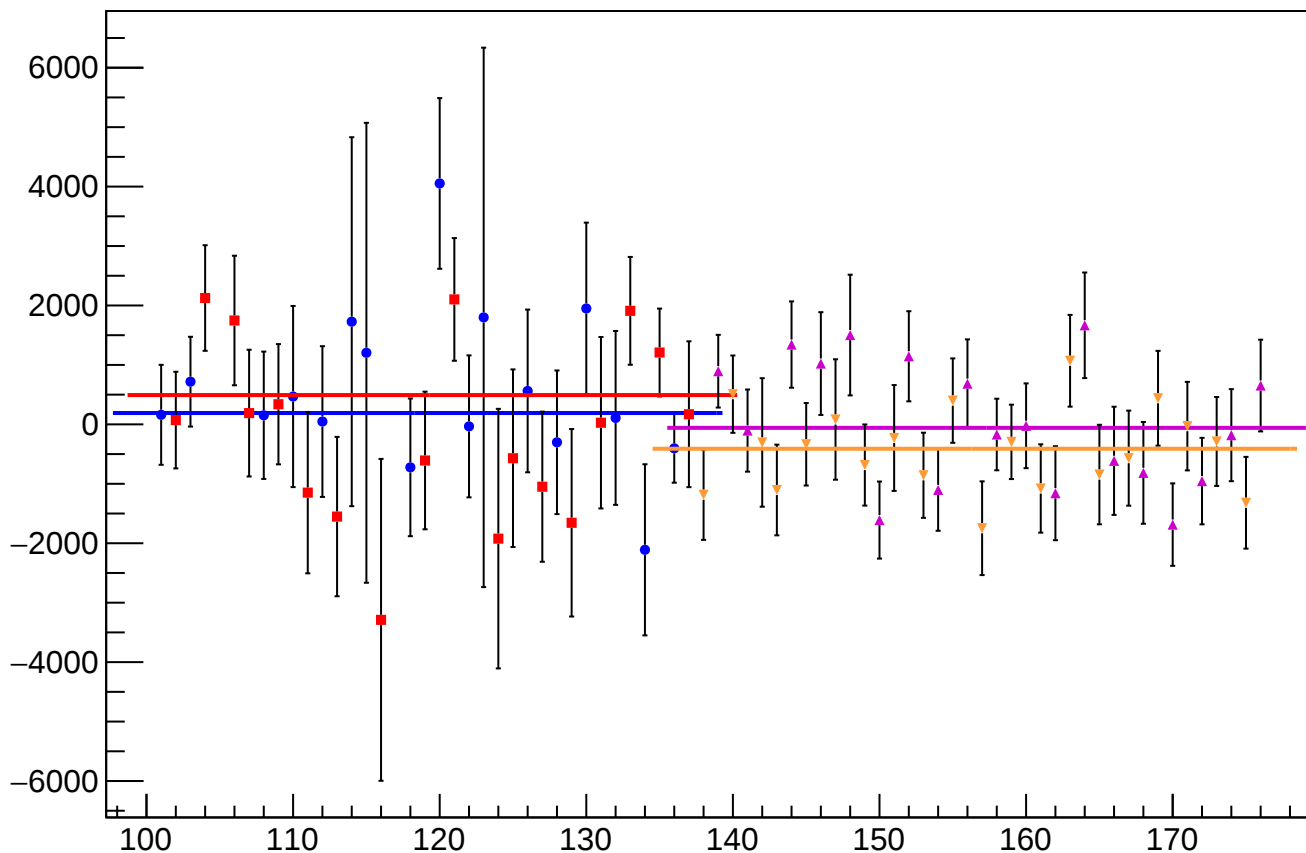
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 675.909+/-0.104 χ^2/NDF : 1069677.2/35

Out: 675.295+/-0.103 χ^2/NDF : 937305.1/37

All: 675.598+/-0.073 χ^2/NDF : 2006999.9/73

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -409.949 $\pm$ 170.130 χ^2 /NDF:16.5/19

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: -58.532 $\pm$ 170.298 χ^2 /NDF:36.4/18

Left: -234.413 $\pm$ 120.360 χ^2 /NDF: 55.1/38

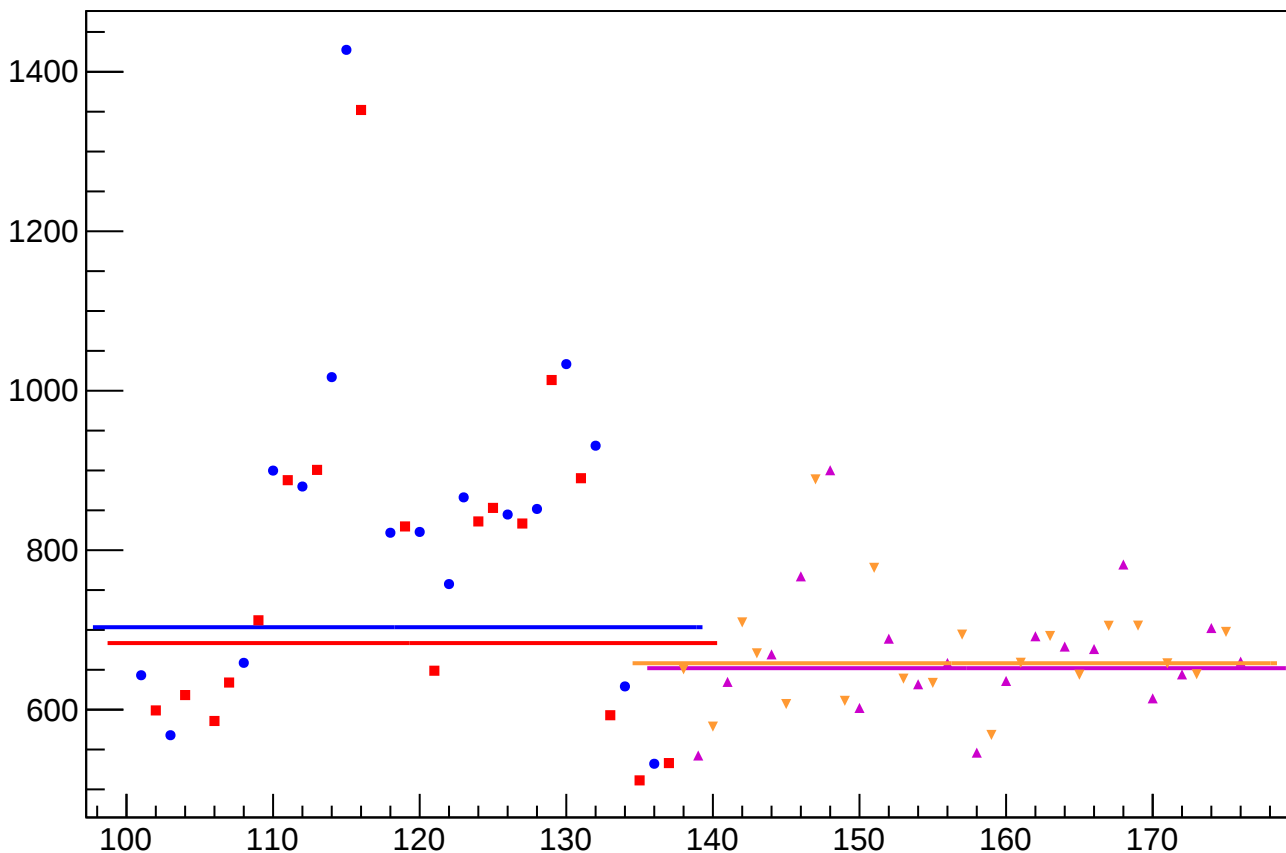
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 9.286 $\pm$ 145.312 χ^2 /NDF:51.2/35

Out: -145.948 $\pm$ 143.107 χ^2 /NDF:47.5/37

All: -69.518 $\pm$ 101.963 χ^2 /NDF: 99.3/73

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 658.218 $\pm$ 0.120 χ^2 /NDF: 268970.3/19

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 652.007 $\pm$ 0.120 χ^2 /NDF: 372325.7/18

Left: 655.116 $\pm$ 0.085 χ^2 /NDF: 642627.6/38

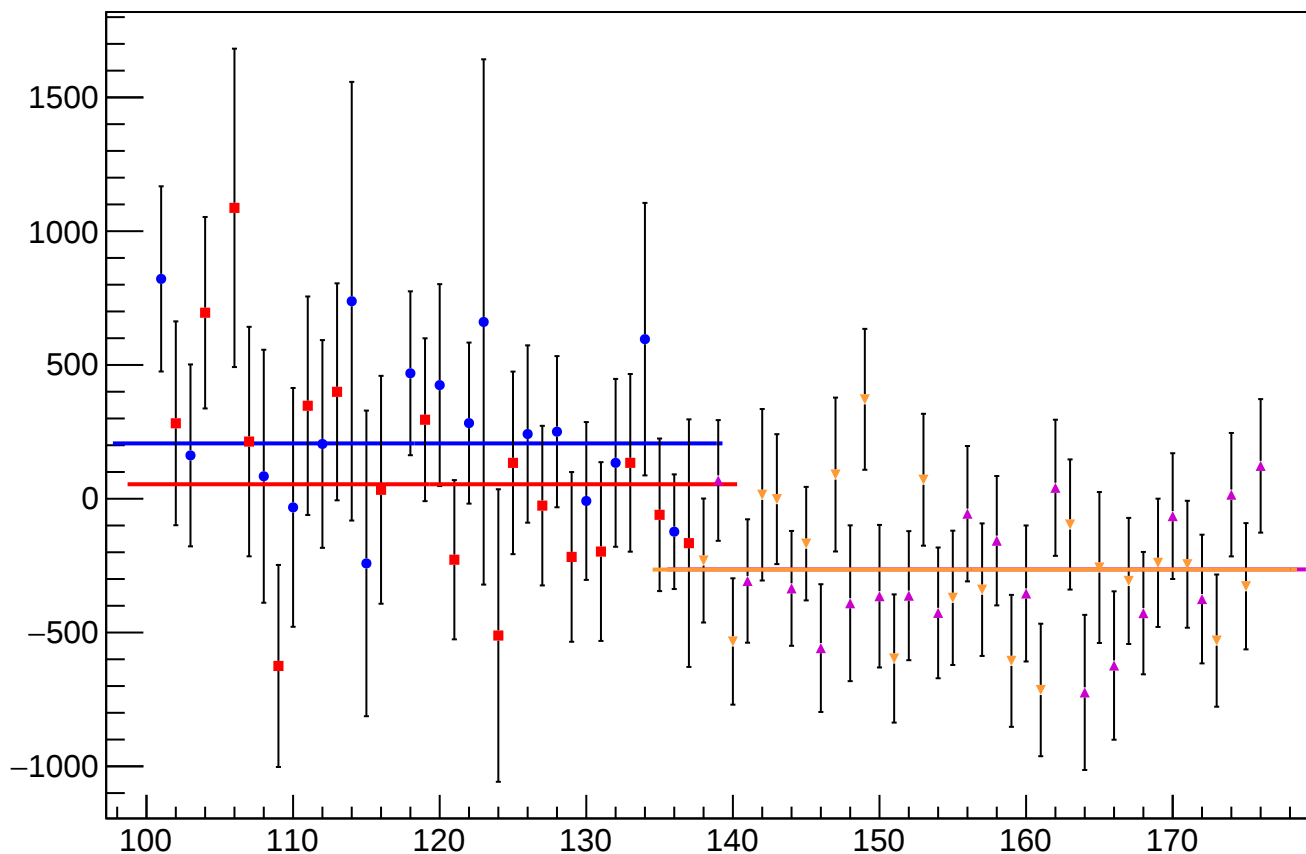
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 665.983 $\pm$ 0.103 χ^2 /NDF: 1088750.4/35

Out: 665.610 $\pm$ 0.101 χ^2 /NDF: 941234.7/37

All: 665.793 $\pm$ 0.072 χ^2 /NDF: 2029991.7/73

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



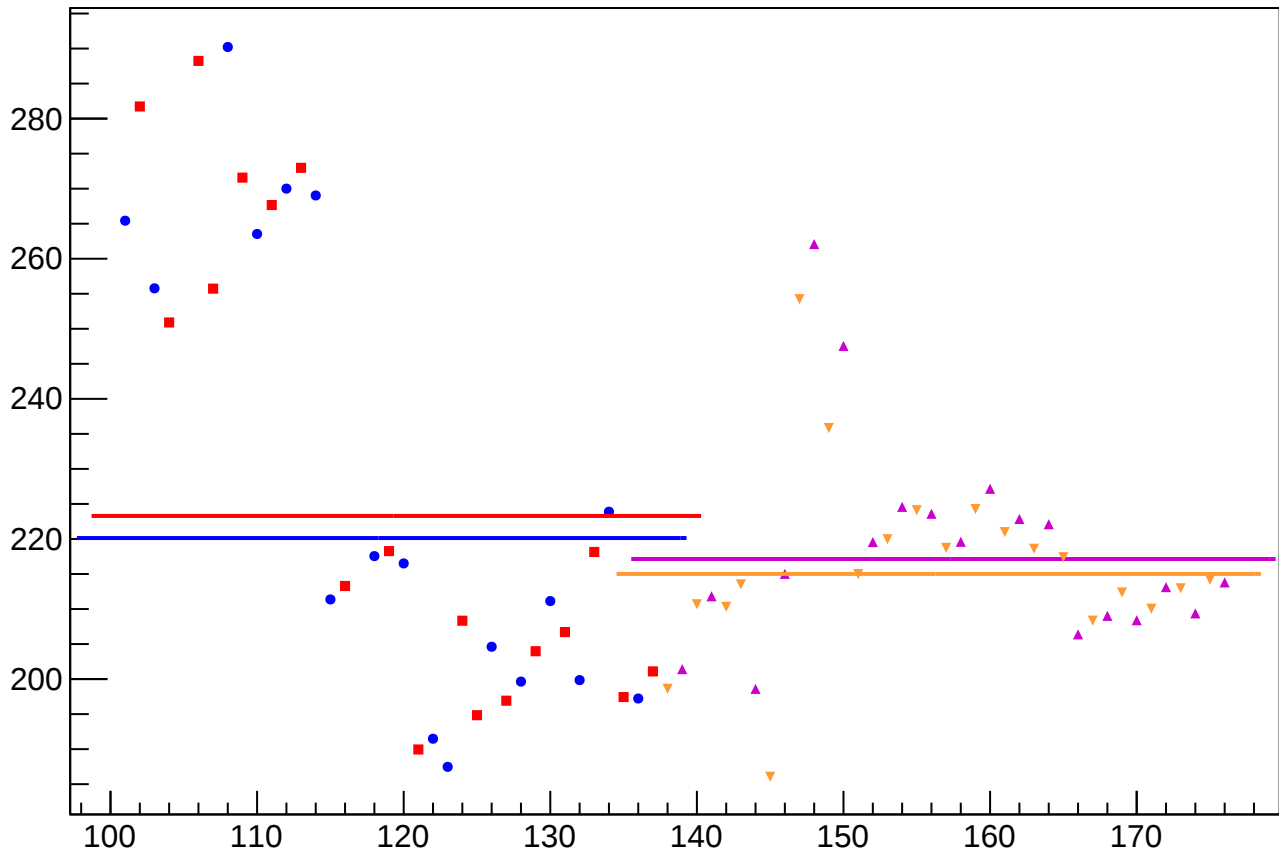
Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -264.656 ± 55.233 $\chi^2/\text{NDF}: 21.8/19$
 Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$
 Left In: -264.055 ± 56.304 $\chi^2/\text{NDF}: 16.7/18$

Left: -264.361 ± 39.429 $\chi^2/\text{NDF}: 38.6/38$
 Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: -121.914 ± 47.045 $\chi^2/\text{NDF}: 47.3/35$
 Out: -170.299 ± 46.345 $\chi^2/\text{NDF}: 47.4/37$

All: -146.469 ± 33.016 $\chi^2/\text{NDF}: 95.2/73$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 215.014 $\pm$ 0.039 χ^2/NDF :109474.7/19

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 217.142 $\pm$ 0.040 χ^2/NDF :119341.5/18

Left: 216.057 $\pm$ 0.028 χ^2/NDF : 230272.6/38

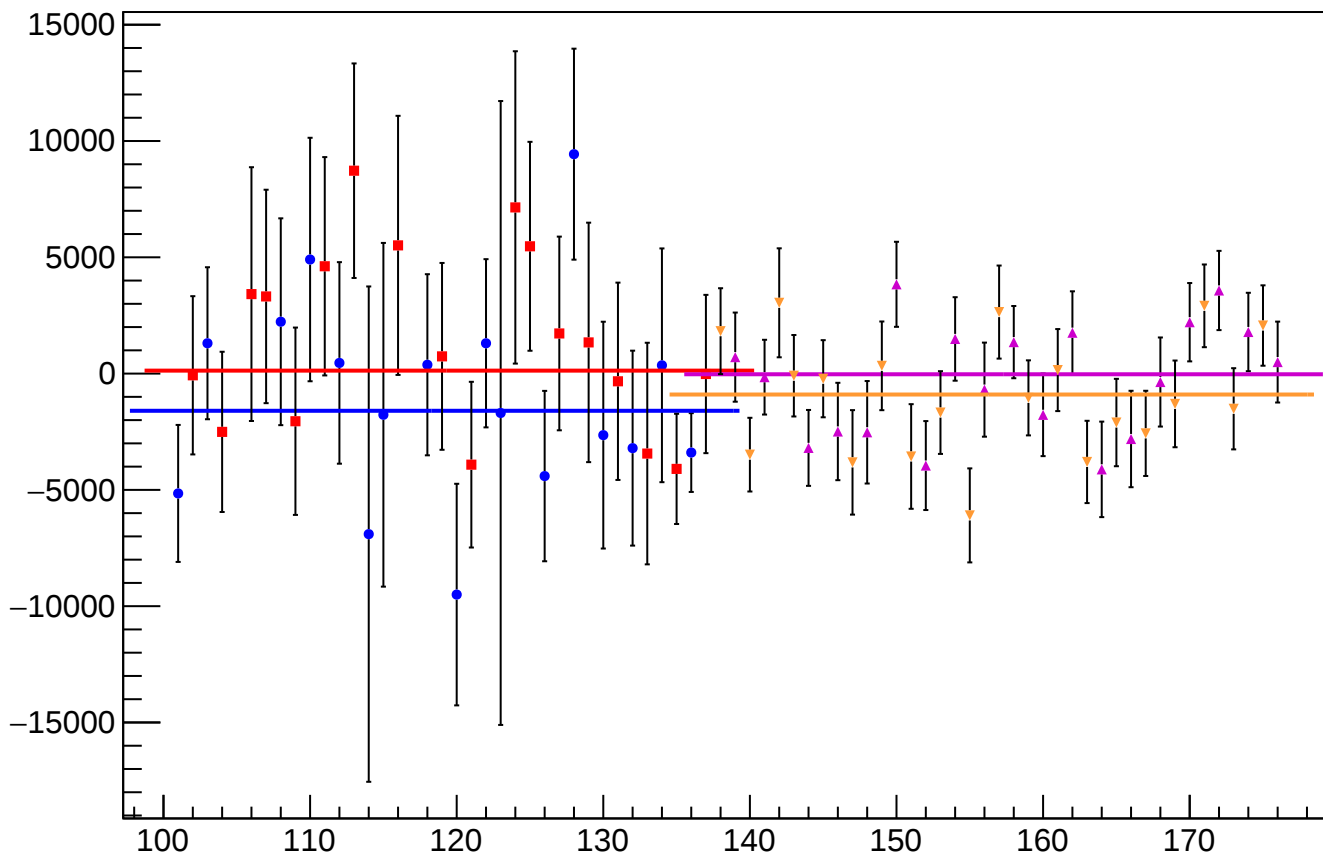
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 218.045 $\pm$ 0.033 χ^2/NDF :349488.7/35

Out: 217.462 $\pm$ 0.033 χ^2/NDF :395011.6/37

All: 217.749 $\pm$ 0.023 χ^2/NDF : 744655.9/73

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -899.651 ± 411.023 $\chi^2/\text{NDF}: 33.5/19$

Right Out: 127.760 ± 949.094 $\chi^2/\text{NDF}: 14.8/17$

Left In: -28.818 ± 416.438 $\chi^2/\text{NDF}: 32.1/18$

Left: -469.933 ± 292.533 $\chi^2/\text{NDF}: 67.9/38$

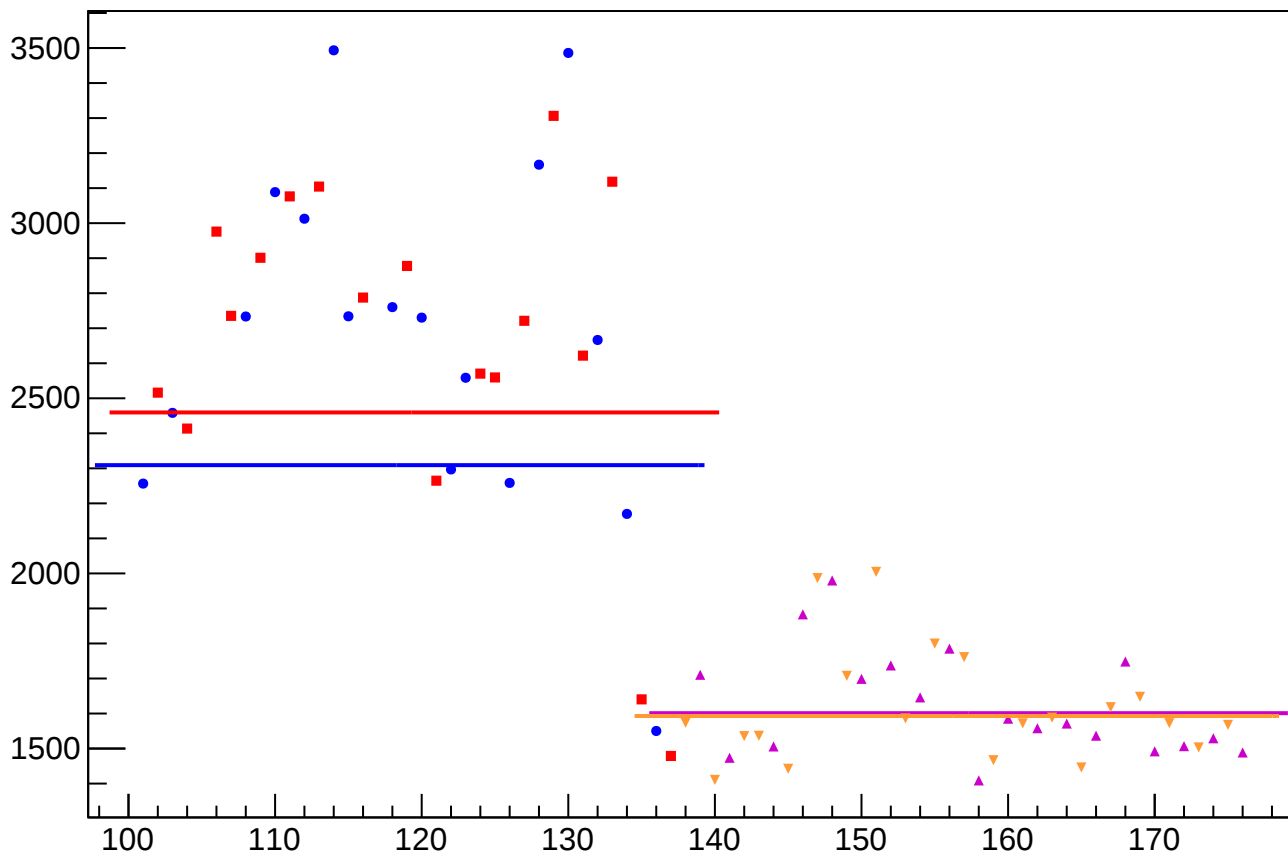
Right: -761.539 ± 660.970 $\chi^2/\text{NDF}: 33.2/34$

In: -295.334 ± 379.454 $\chi^2/\text{NDF}: 51.2/35$

Out: -737.393 ± 377.173 $\chi^2/\text{NDF}: 49.3/37$

All: -517.696 ± 267.505 $\chi^2/\text{NDF}: 101.2/73$

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1592.925+/-0.291 χ^2/NDF : 250055.4/19

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1600.993+/-0.294 χ^2/NDF : 227658.7/18

Left: 1596.906+/-0.207 χ^2/NDF : 478094.4/38

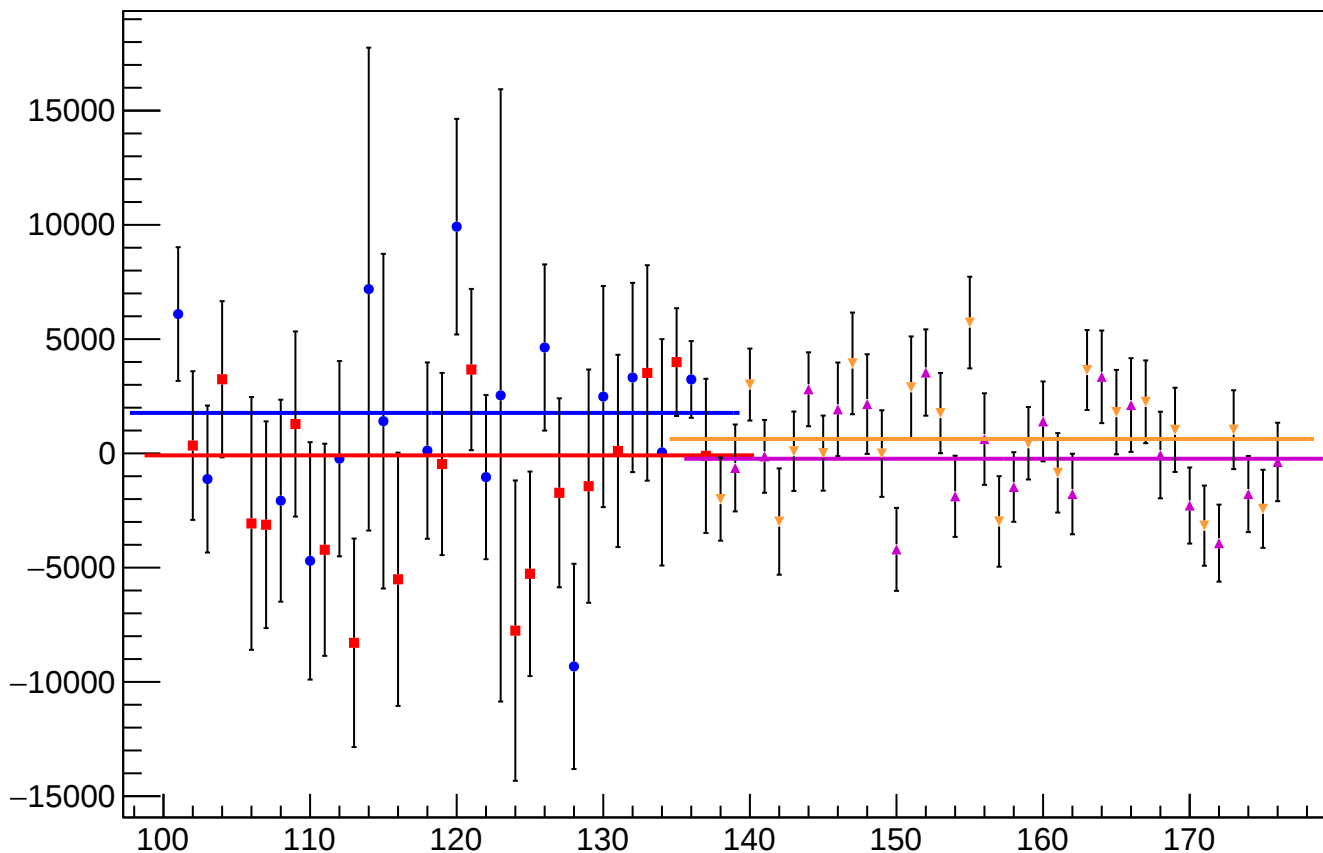
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1721.186+/-0.268 χ^2/NDF : 2009969.0/35

Out: 1729.799+/-0.267 χ^2/NDF : 2322586.7/37

All: 1725.518+/-0.189 χ^2/NDF : 4333074.0/73

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 629.033+/-406.515 χ^2/NDF : 33.5/19

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -234.947+/-411.497 χ^2/NDF : 29.7/18

Left: 202.304+/-289.195 χ^2/NDF : 65.3/38

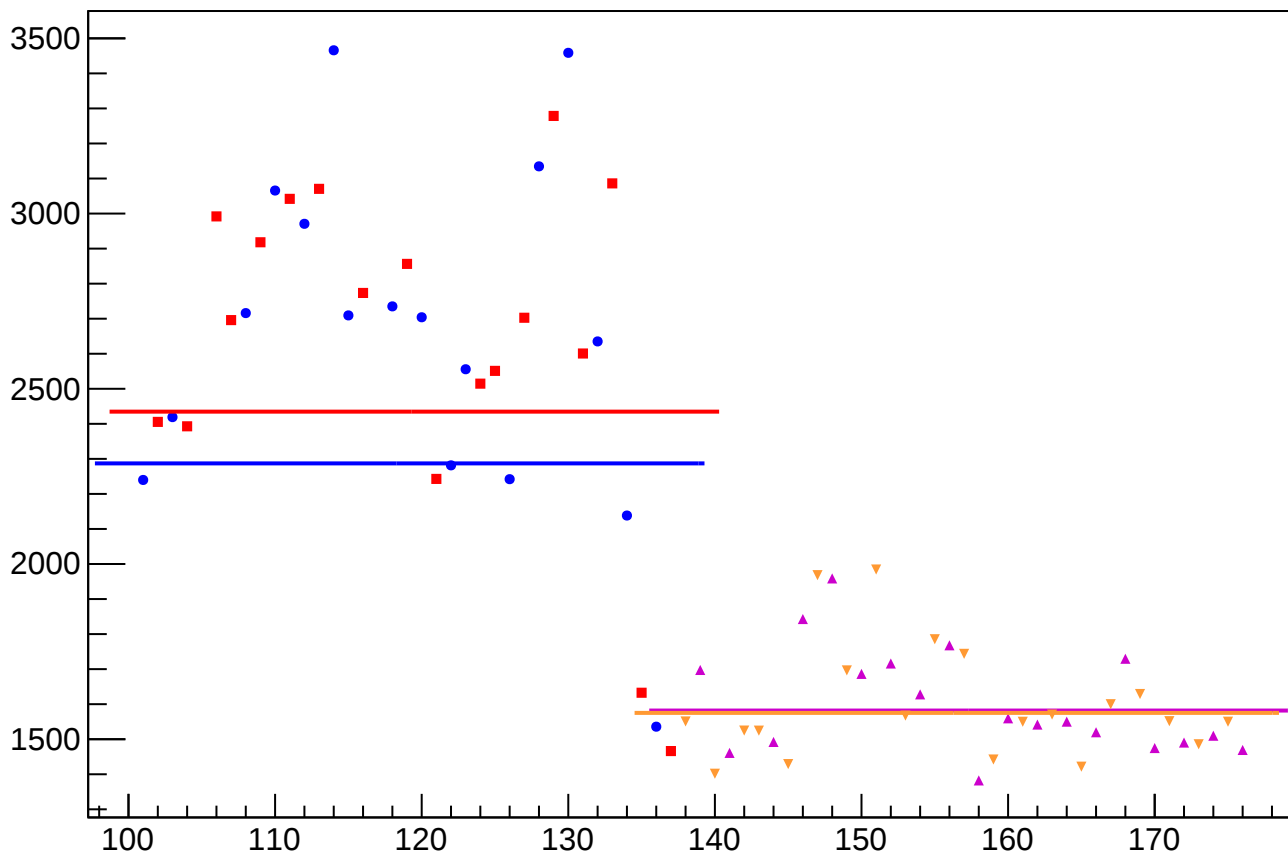
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 104.200+/-375.107 χ^2/NDF : 51.0/35

Out: 516.332+/-373.109 χ^2/NDF : 48.4/37

All: 311.366+/-264.532 χ^2/NDF : 100.0/73

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1575.145 $\pm$ 0.287 χ^2 /NDF: 254227.0/19

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1581.823 $\pm$ 0.291 χ^2 /NDF: 229303.3/18

Left: 1578.444 $\pm$ 0.204 χ^2 /NDF: 483797.0/38

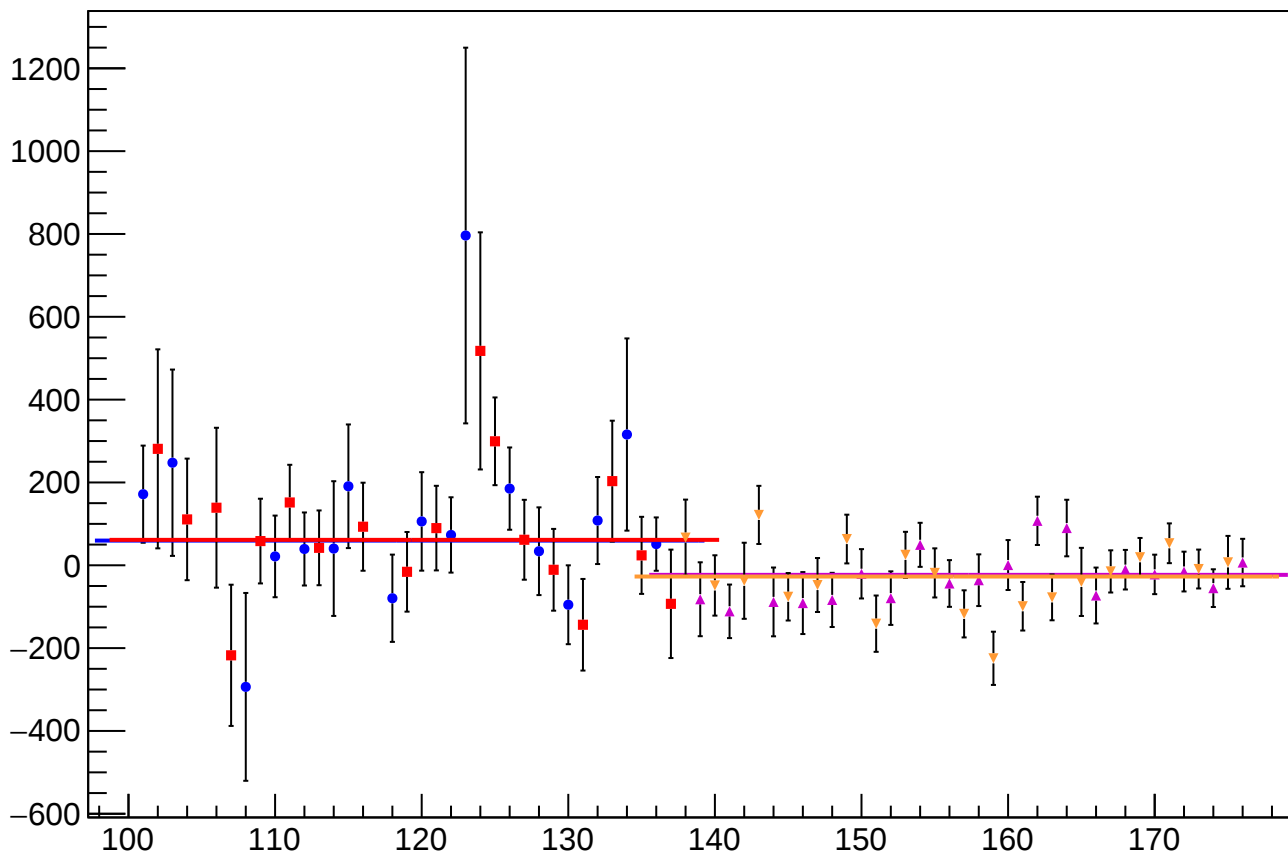
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1701.049 $\pm$ 0.265 χ^2 /NDF: 2021876.8/35

Out: 1710.624 $\pm$ 0.264 χ^2 /NDF: 2330660.0/37

All: 1705.862 $\pm$ 0.187 χ^2 /NDF: 4353191.8/73

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -27.150 ± 13.390 $\chi^2/\text{NDF}: 31.1/19$

Right Out: 61.399 ± 27.011 $\chi^2/\text{NDF}: 19.7/17$

Left In: -23.109 ± 13.521 $\chi^2/\text{NDF}: 16.7/18$

Left: -25.149 ± 9.514 $\chi^2/\text{NDF}: 47.9/38$

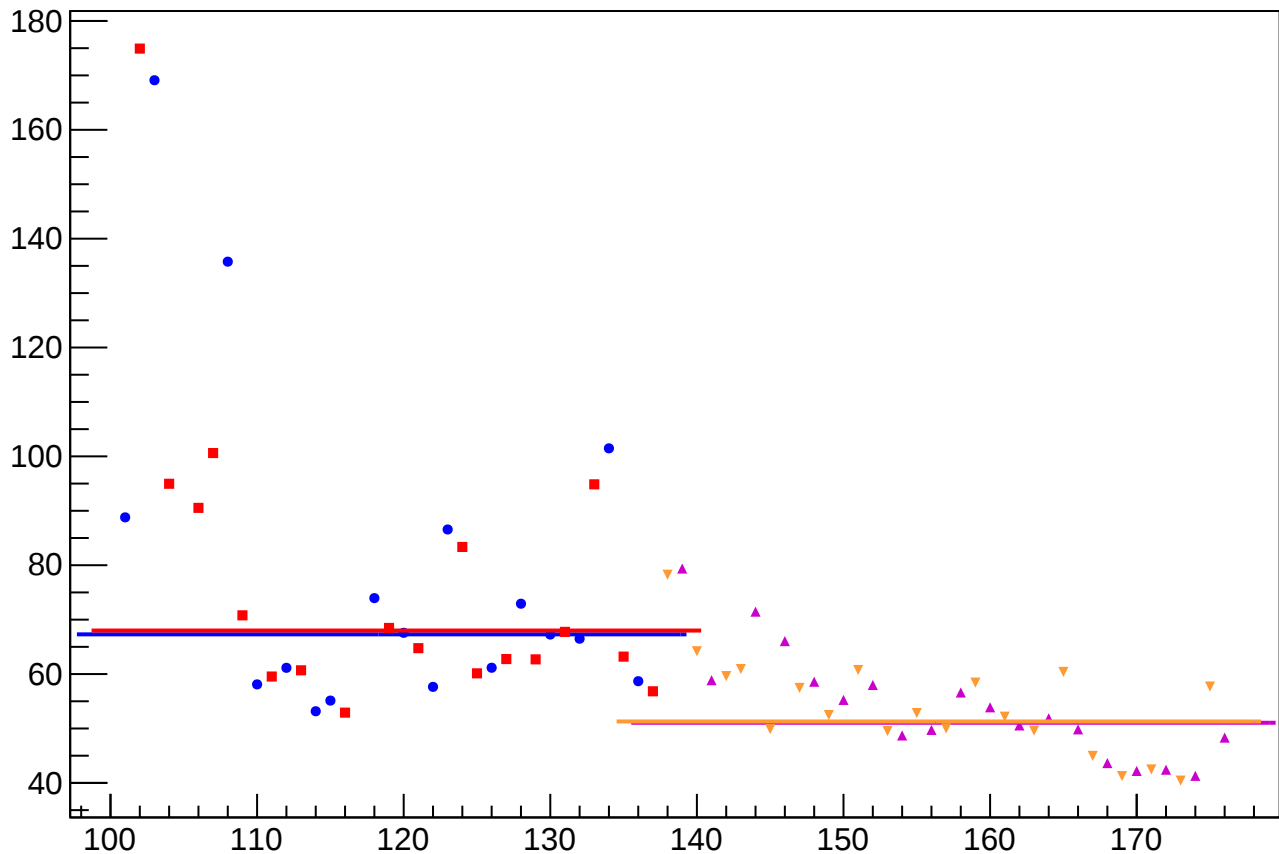
Right: 60.530 ± 19.124 $\chi^2/\text{NDF}: 35.0/34$

In: -6.592 ± 12.097 $\chi^2/\text{NDF}: 39.5/35$

Out: -9.682 ± 11.997 $\chi^2/\text{NDF}: 59.5/37$

All: -8.150 ± 8.518 $\chi^2/\text{NDF}: 99.0/73$

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: 51.289 $\pm$ 0.009 χ^2 /NDF: 722257.8/19

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.053 $\pm$ 0.010 χ^2 /NDF: 795955.3/18

Left: 51.172 $\pm$ 0.007 χ^2 /NDF: 1518519.9/38

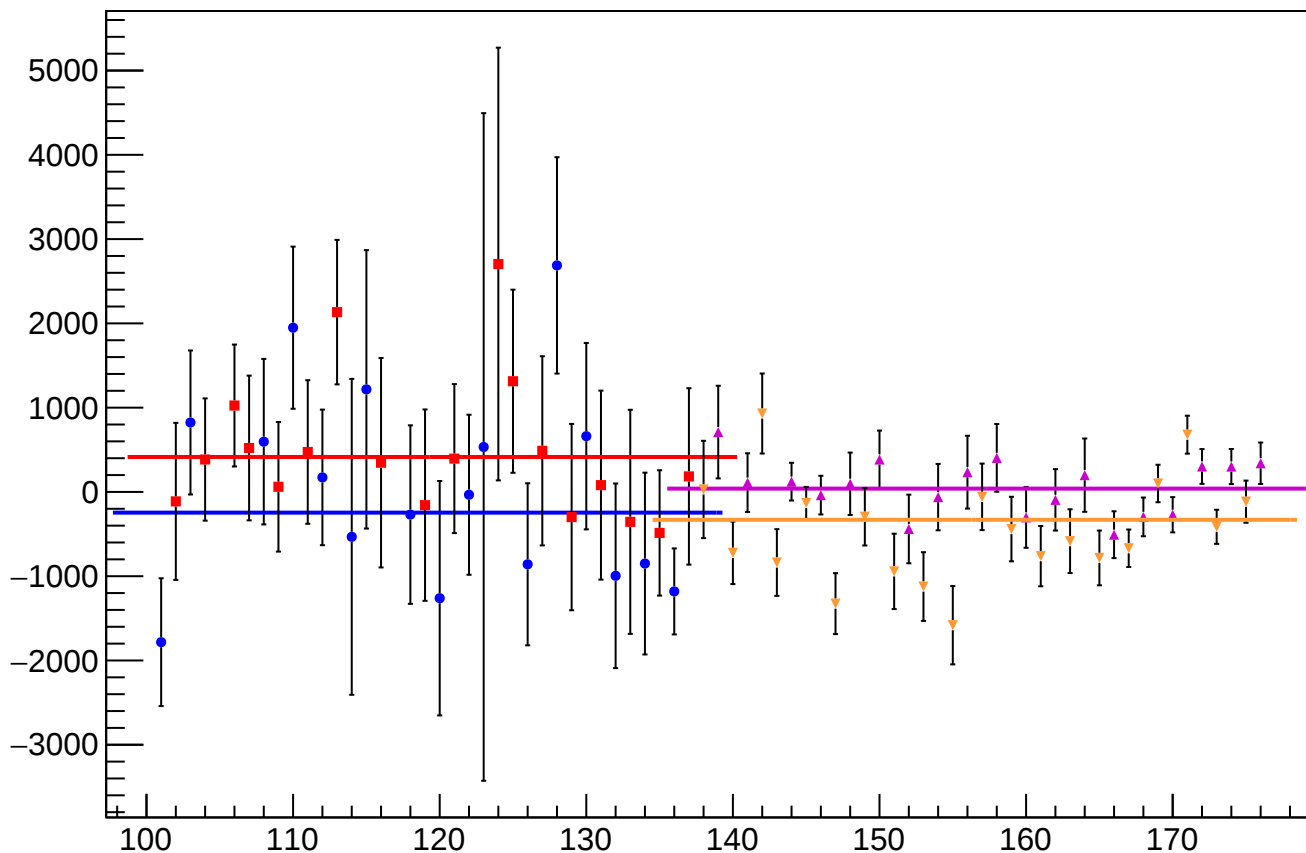
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.295 $\pm$ 0.009 χ^2 /NDF: 2213334.9/35

Out: 54.585 $\pm$ 0.008 χ^2 /NDF: 2090979.0/37

All: 54.441 $\pm$ 0.006 χ^2 /NDF: 4304894.8/73

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -330.624 $\pm$ 67.601 χ^2 /NDF:63.3/19

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 39.268 $\pm$ 66.113 χ^2 /NDF:19.4/18

Left: -141.561 $\pm$ 47.266 χ^2 /NDF: 98.0/38

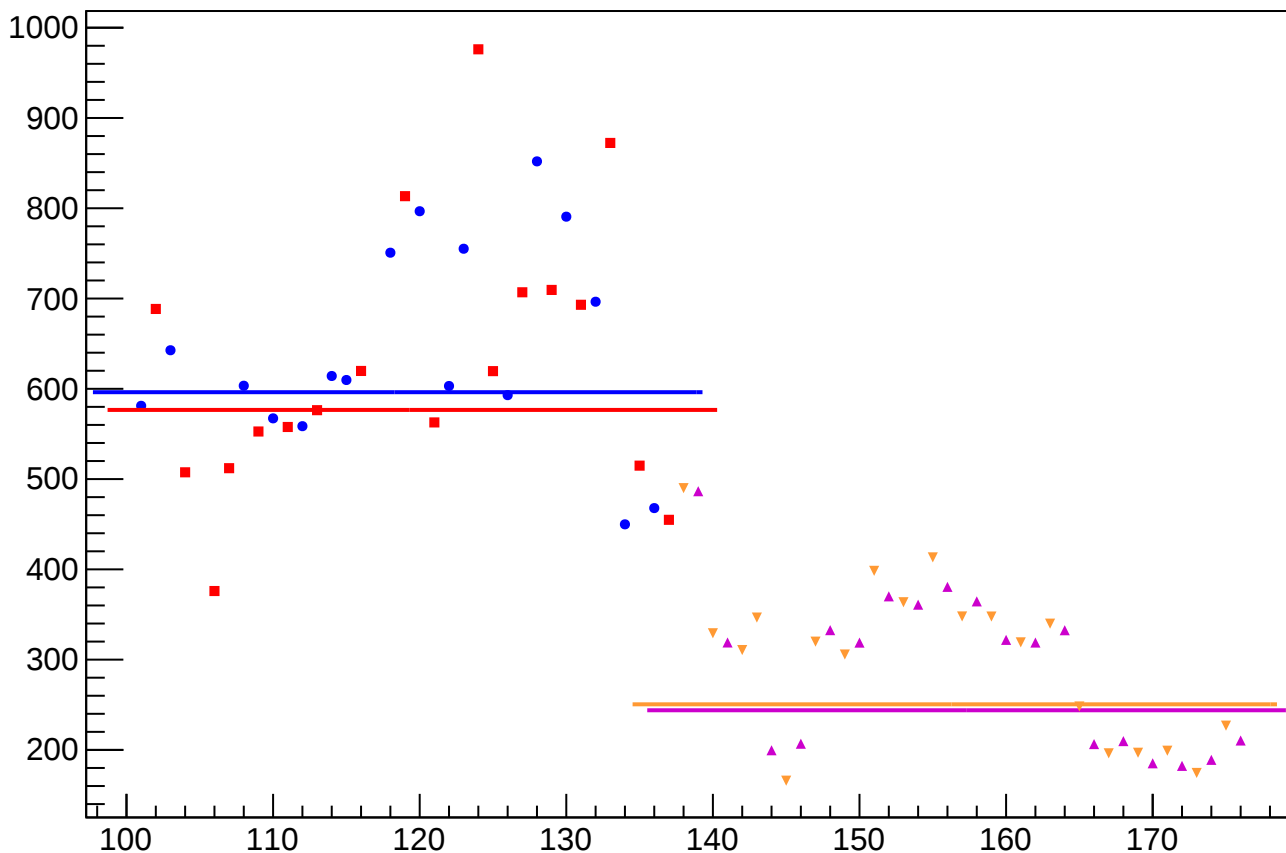
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 18.440 $\pm$ 63.650 χ^2 /NDF:44.5/35

Out: -267.784 $\pm$ 64.689 χ^2 /NDF:82.9/37

All: -122.356 $\pm$ 45.370 χ^2 /NDF: 137.4/73

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 250.503+/-0.048 χ^2/NDF : 2800816.3/19

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 243.913+/-0.047 χ^2/NDF : 2427263.0/18

Left: 247.135+/-0.033 χ^2/NDF : 5237796.6/38

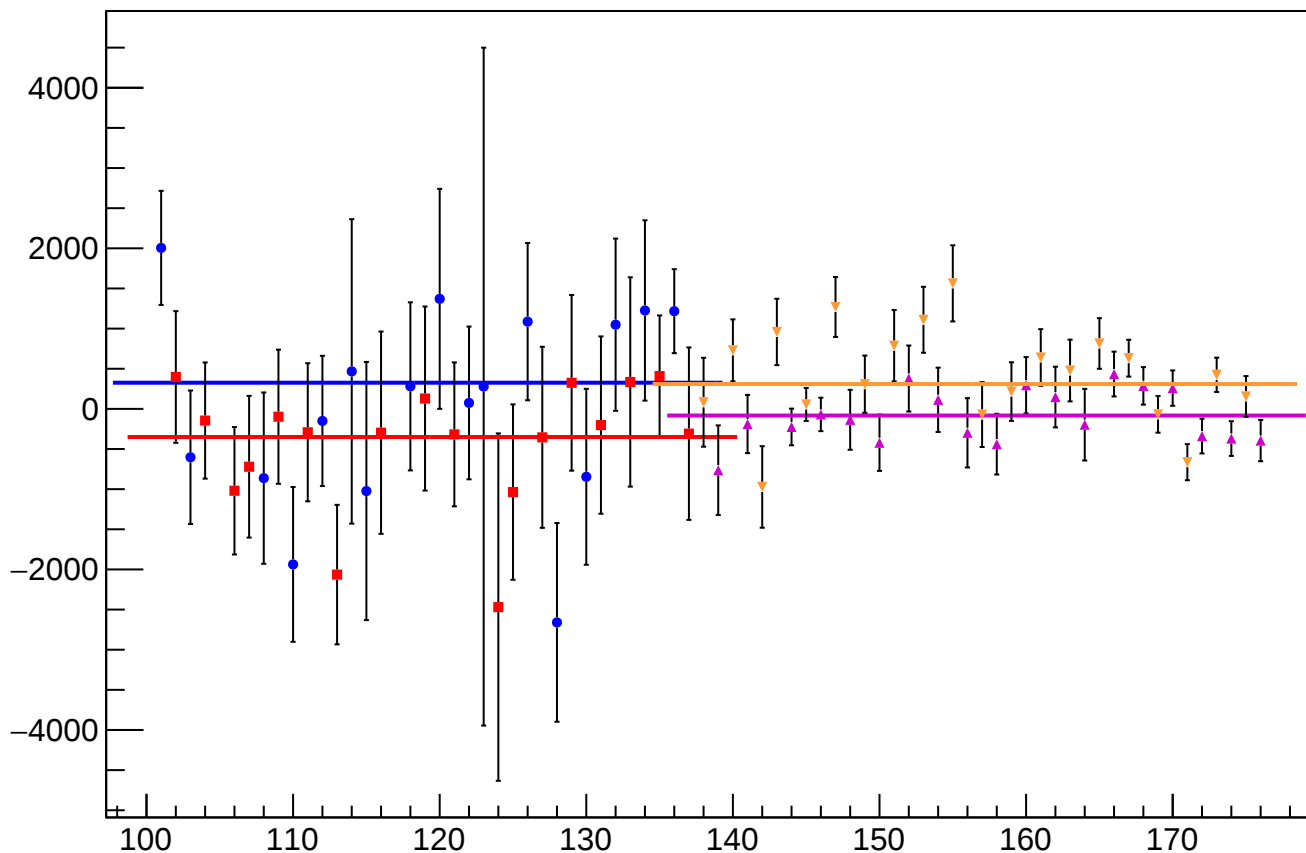
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 269.671+/-0.045 χ^2/NDF : 7002186.3/35

Out: 277.997+/-0.046 χ^2/NDF : 7298441.6/37

All: 273.767+/-0.032 χ^2/NDF : 14317462.5/73

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 309.840 ± 69.407 $\chi^2/\text{NDF}: 58.9/19$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -82.797 ± 67.017 $\chi^2/\text{NDF}: 20.1/18$

Left: 106.646 ± 48.211 $\chi^2/\text{NDF}: 95.6/38$

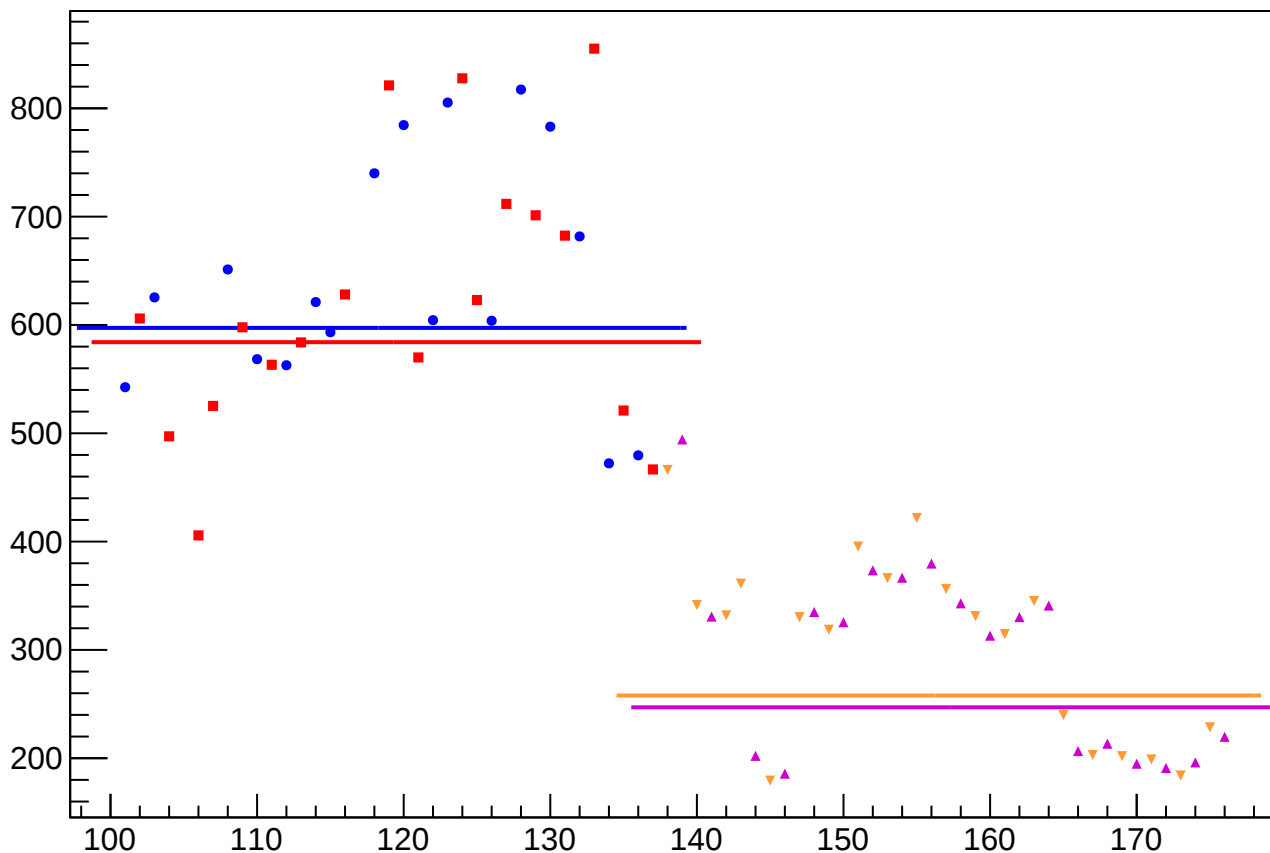
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -52.190 ± 64.460 $\chi^2/\text{NDF}: 49.8/35$

Out: 252.591 ± 66.330 $\chi^2/\text{NDF}: 75.8/37$

All: 95.845 ± 46.227 $\chi^2/\text{NDF}: 136.4/73$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 257.901 $\pm$ 0.049 χ^2 /NDF: 2536105.7/19

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.007 $\pm$ 0.047 χ^2 /NDF: 2366044.9/18

Left: 252.263 $\pm$ 0.034 χ^2 /NDF: 4927650.4/38

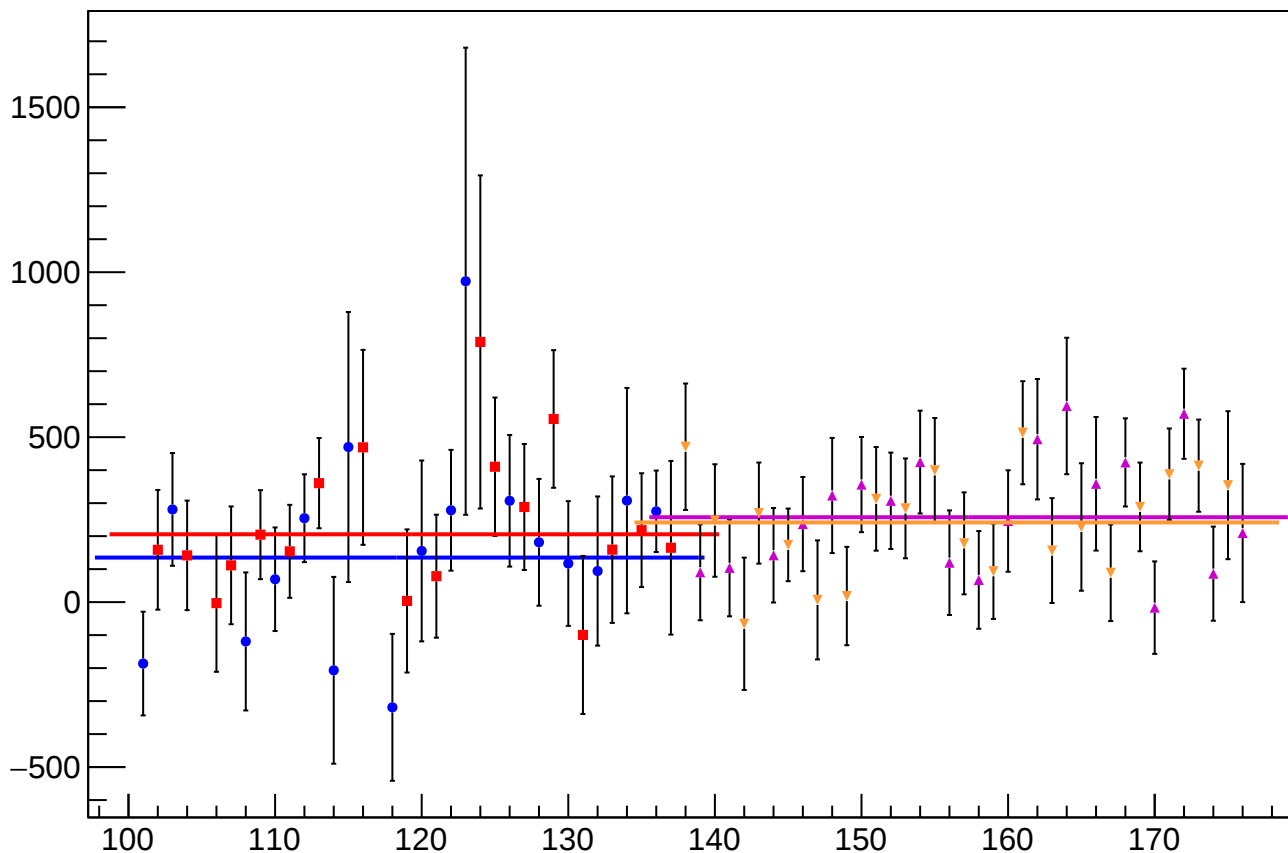
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 273.229 $\pm$ 0.046 χ^2 /NDF: 6819946.7/35

Out: 286.187 $\pm$ 0.047 χ^2 /NDF: 6813793.1/37

All: 279.523 $\pm$ 0.033 χ^2 /NDF: 13672995.8/73

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 χ^2/NDF : 18.1/16

Left Out: 241.505 ± 34.641 χ^2/NDF : 18.0/19

Right Out: 205.590 ± 44.536 χ^2/NDF : 12.0/17

Left In: 257.314 ± 35.396 χ^2/NDF : 24.1/18

Left: 249.239 ± 24.757 χ^2/NDF : 42.2/38

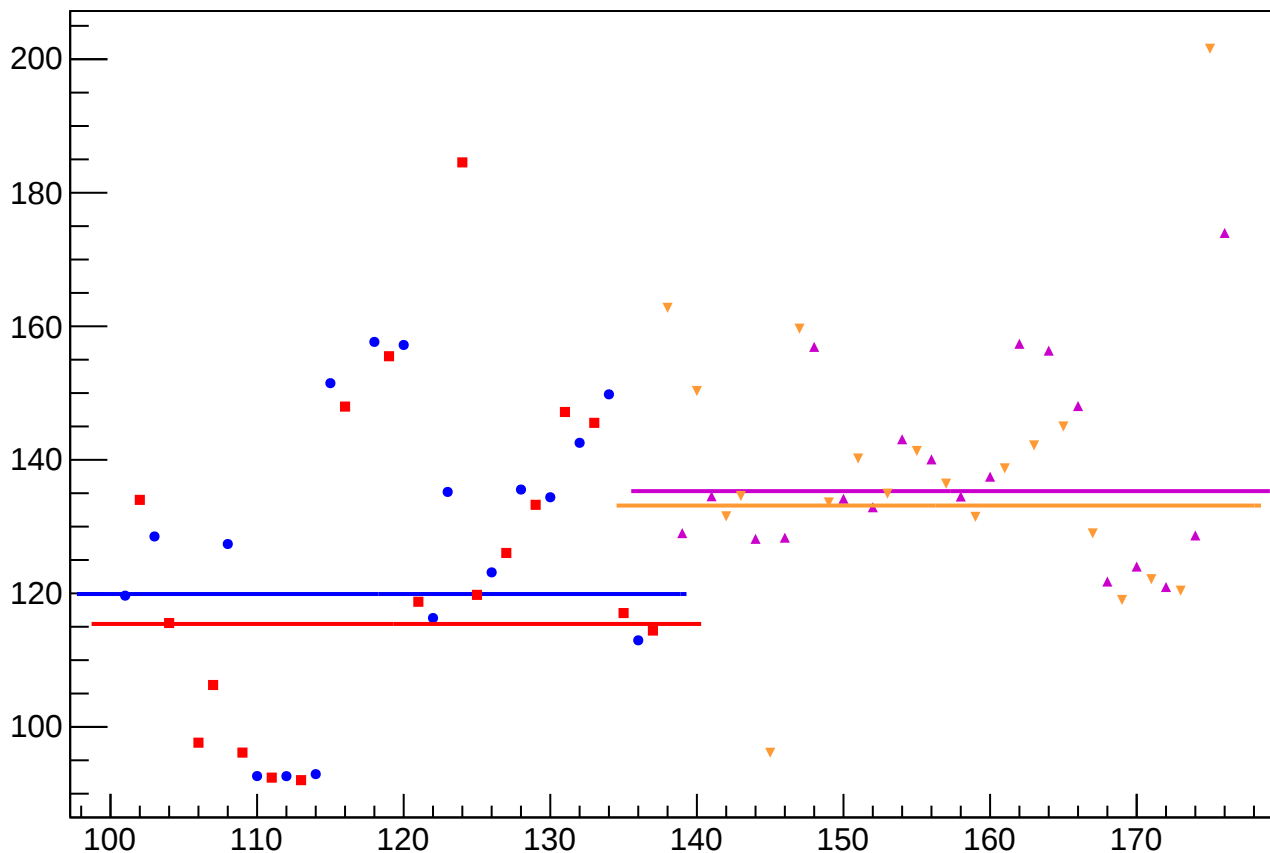
Right: 172.226 ± 32.336 χ^2/NDF : 31.3/34

In: 213.088 ± 28.280 χ^2/NDF : 46.4/35

Out: 227.967 ± 27.343 χ^2/NDF : 30.5/37

All: 220.778 ± 19.657 χ^2/NDF : 77.0/73

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: 133.154 $\pm$ 0.024 χ^2/NDF : 604251.9/19

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 135.316 $\pm$ 0.025 χ^2/NDF : 238044.5/18

Left: 134.211 $\pm$ 0.018 χ^2/NDF : 846108.2/38

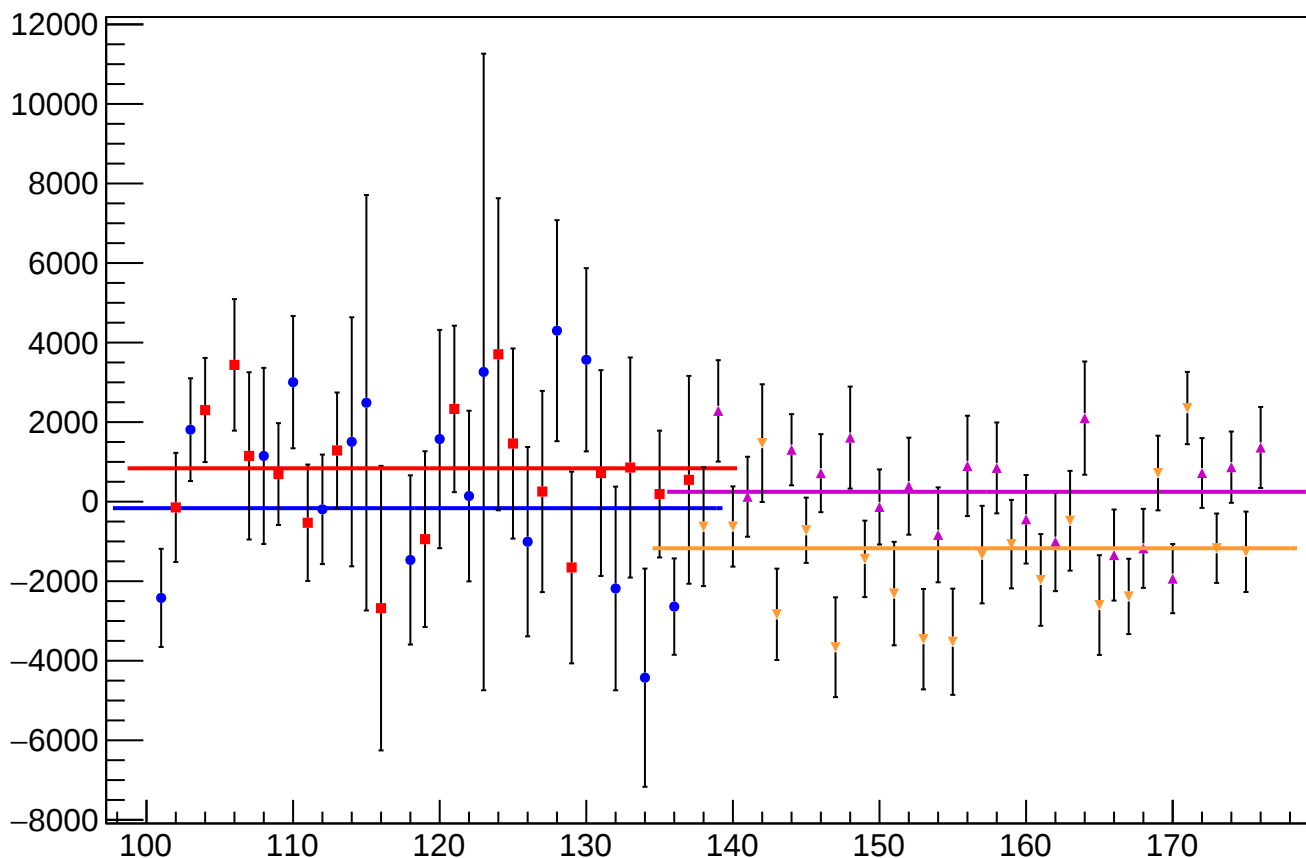
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 129.742 $\pm$ 0.020 χ^2/NDF : 720697.4/35

Out: 126.470 $\pm$ 0.019 χ^2/NDF : 1219881.3/37

All: 128.051 $\pm$ 0.014 χ^2/NDF : 1954415.9/73

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1171.722 $\pm$ 243.412 χ^2 /NDF:40.0/19

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 247.833 $\pm$ 242.903 χ^2 /NDF:22.2/18

Left: -460.458 $\pm$ 171.938 χ^2 /NDF: 79.3/38

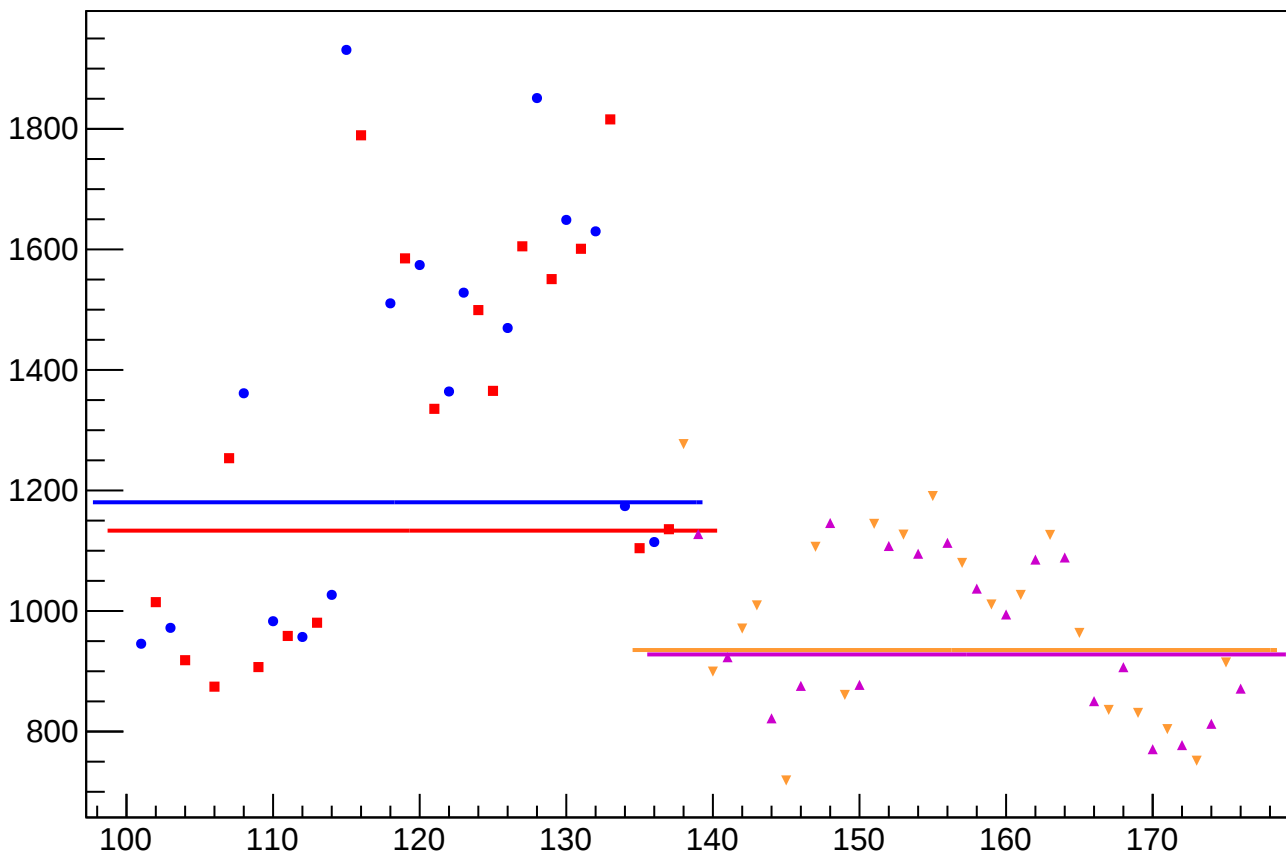
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 160.999 $\pm$ 215.749 χ^2 /NDF:46.5/35

Out: -701.292 $\pm$ 213.046 χ^2 /NDF:65.3/37

All: -275.581 $\pm$ 151.593 χ^2 /NDF: 119.9/73

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 935.241+/-0.172 χ^2/NDF : 750994.5/19

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 927.921+/-0.172 χ^2/NDF : 528879.8/18

Left: 931.573+/-0.122 χ^2/NDF : 1280780.6/38

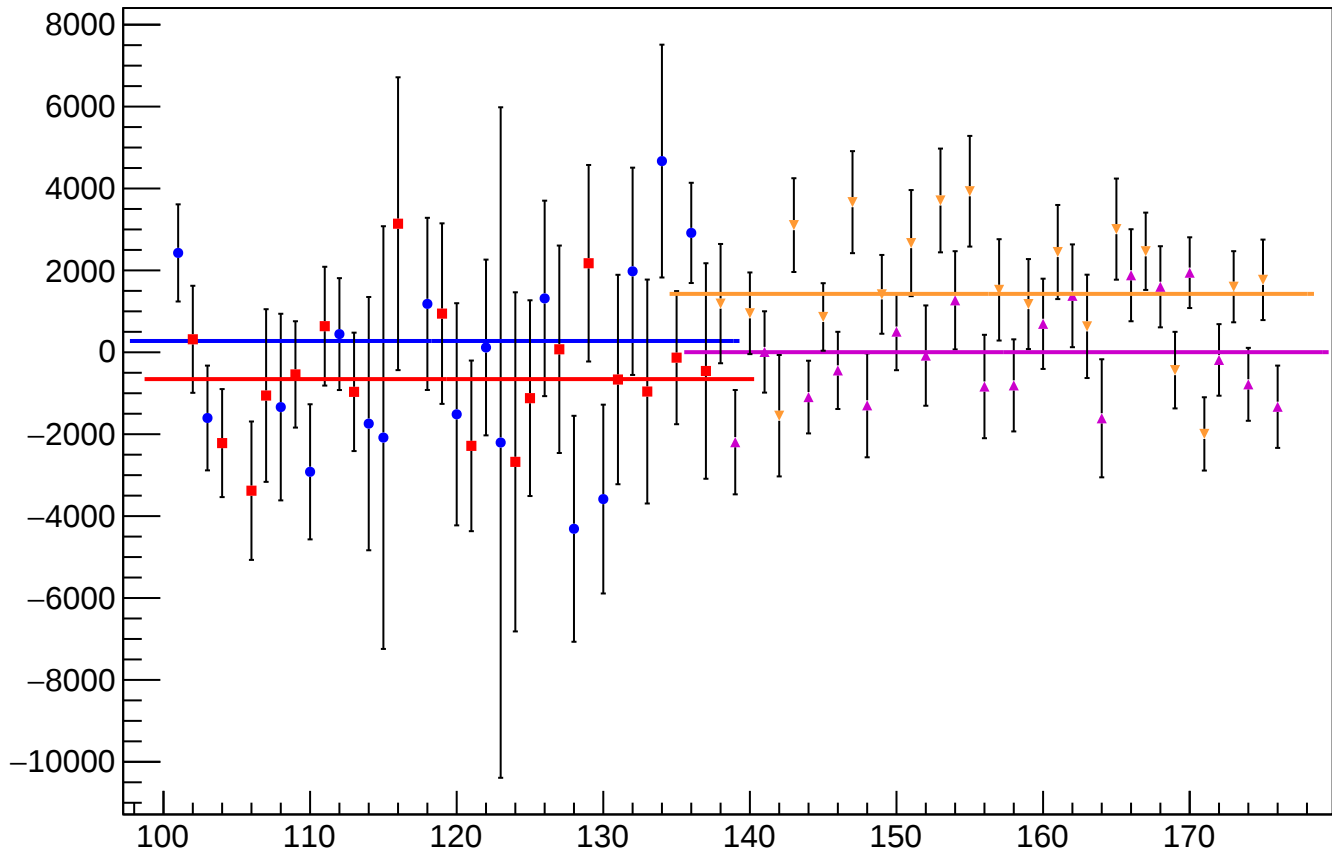
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 981.216+/-0.153 χ^2/NDF : 1653848.2/35

Out: 981.586+/-0.151 χ^2/NDF : 1821306.4/37

All: 981.403+/-0.107 χ^2/NDF : 3475157.6/73

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1426.593+/-242.138 χ^2/NDF :40.5/19

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: 3.218+/-241.090 χ^2/NDF :24.0/18

Left: 711.816+/-170.846 χ^2/NDF : 81.9/38

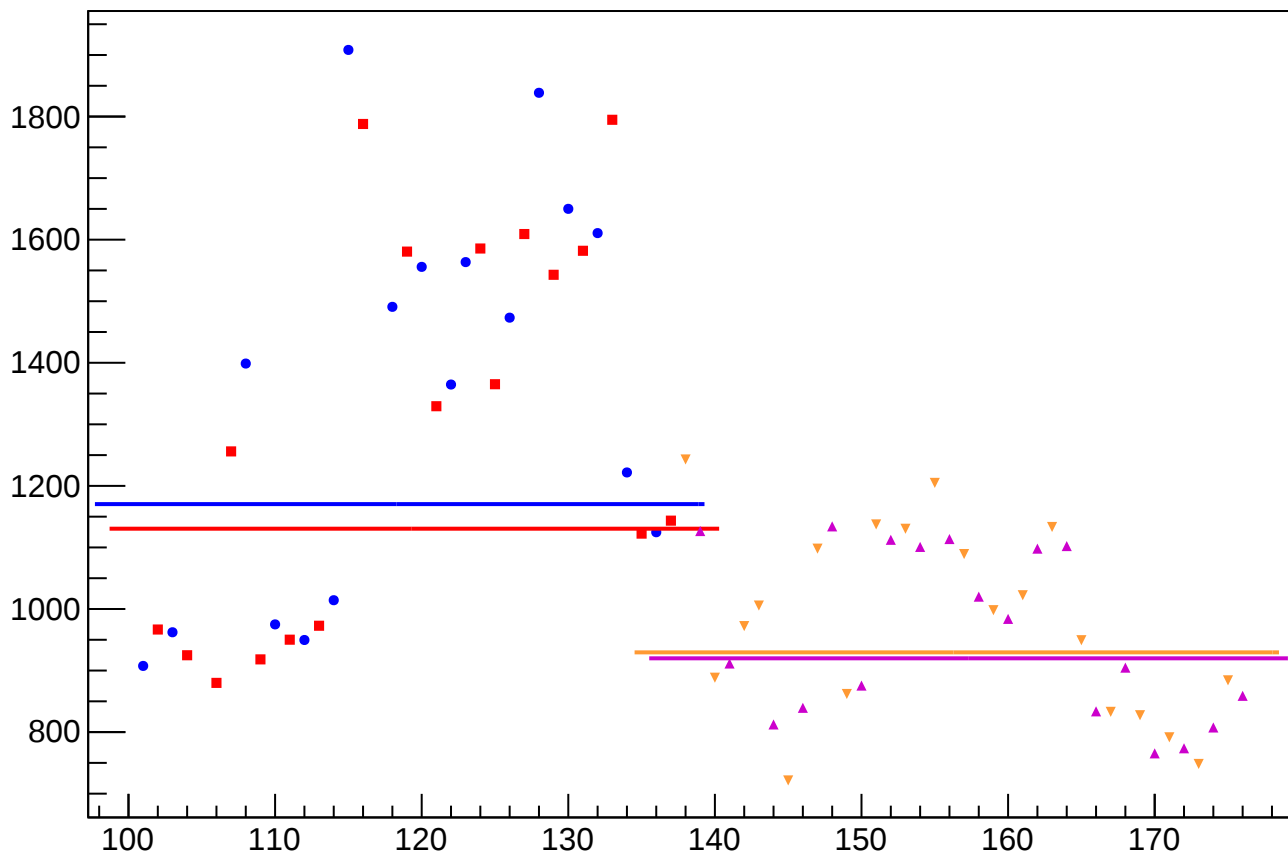
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: 60.821+/-214.171 χ^2/NDF :48.6/35

Out: 942.567+/-212.118 χ^2/NDF :67.3/37

All: 505.941+/-150.711 χ^2/NDF : 124.5/73

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 929.546 $\pm$ 0.171 χ^2 /NDF: 755647.7/19

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 919.863 $\pm$ 0.170 χ^2 /NDF: 566480.7/18

Left: 924.684 $\pm$ 0.121 χ^2 /NDF: 1323734.6/38

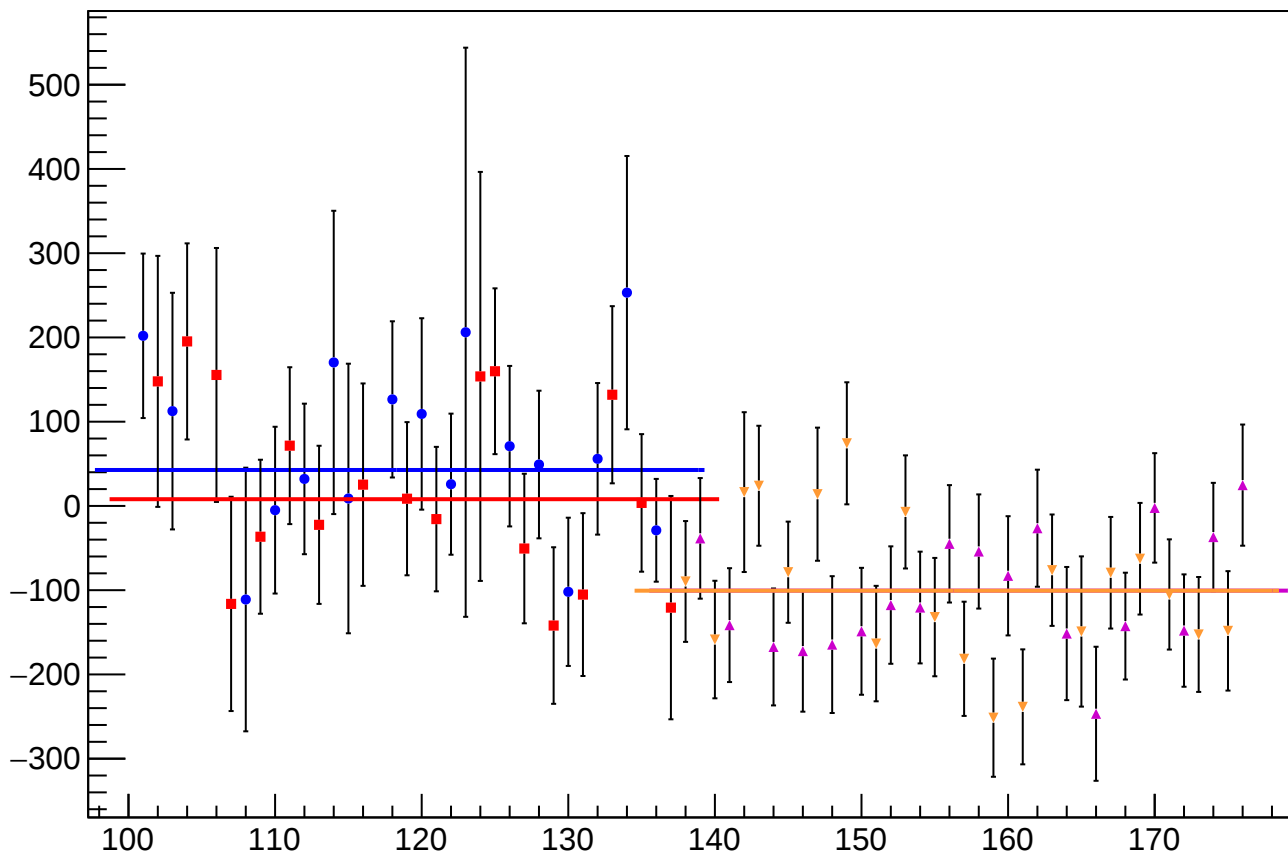
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 972.688 $\pm$ 0.151 χ^2 /NDF: 1727363.6/35

Out: 976.277 $\pm$ 0.150 χ^2 /NDF: 1838934.2/37

All: 974.500 $\pm$ 0.107 χ^2 /NDF: 3566581.3/73

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: -100.604 $\pm$ 15.680 χ^2 /NDF:28.4/19

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -100.538 $\pm$ 16.075 χ^2 /NDF:17.6/18

Left: -100.572 $\pm$ 11.224 χ^2 /NDF: 45.9/38

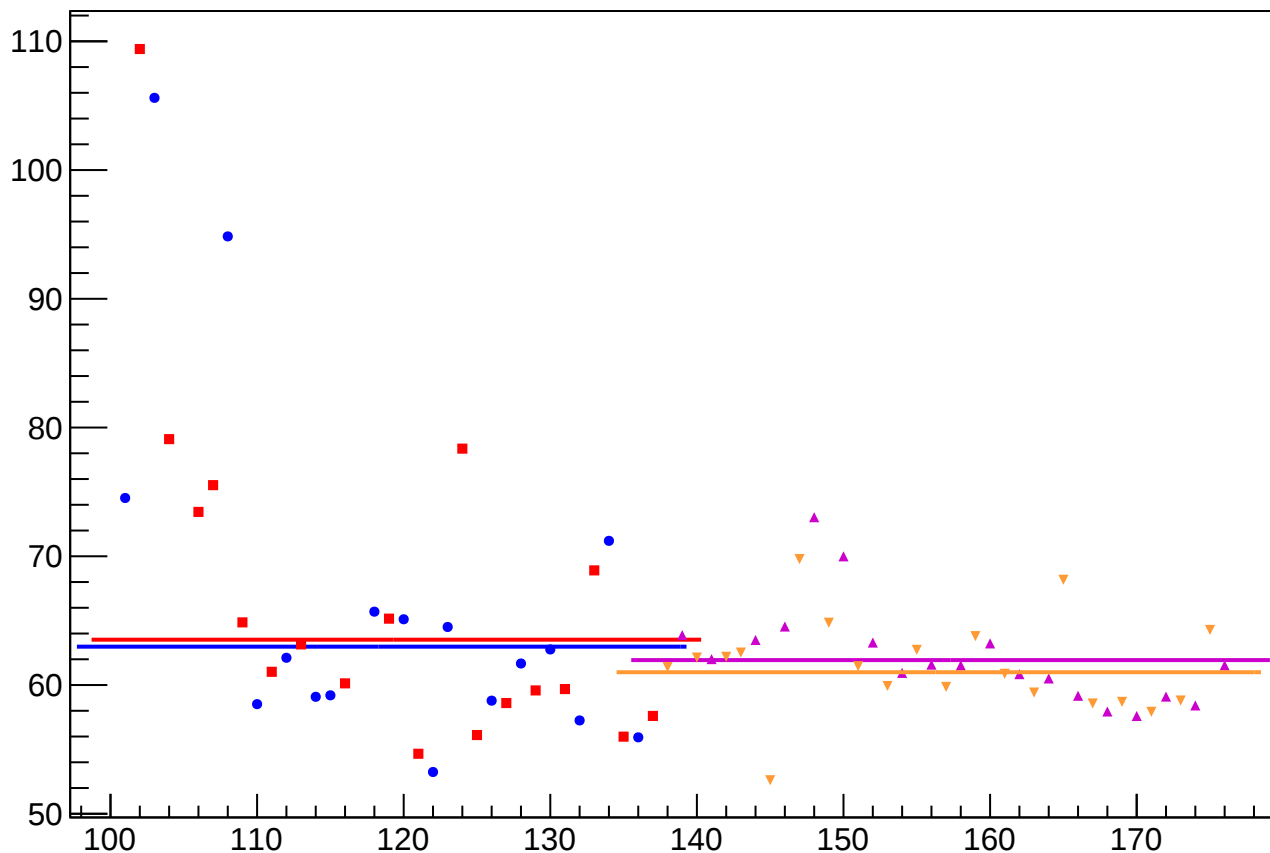
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: -57.931 $\pm$ 13.473 χ^2 /NDF:53.2/35

Out: -69.033 $\pm$ 13.206 χ^2 /NDF:58.1/37

All: -63.593 $\pm$ 9.431 χ^2 /NDF: 111.6/73

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: 60.994 $\pm$ 0.011 χ^2 /NDF:106857.6/19

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 61.937 $\pm$ 0.011 χ^2 /NDF:97485.0/18

Left: 61.454 $\pm$ 0.008 χ^2 /NDF: 207868.1/38

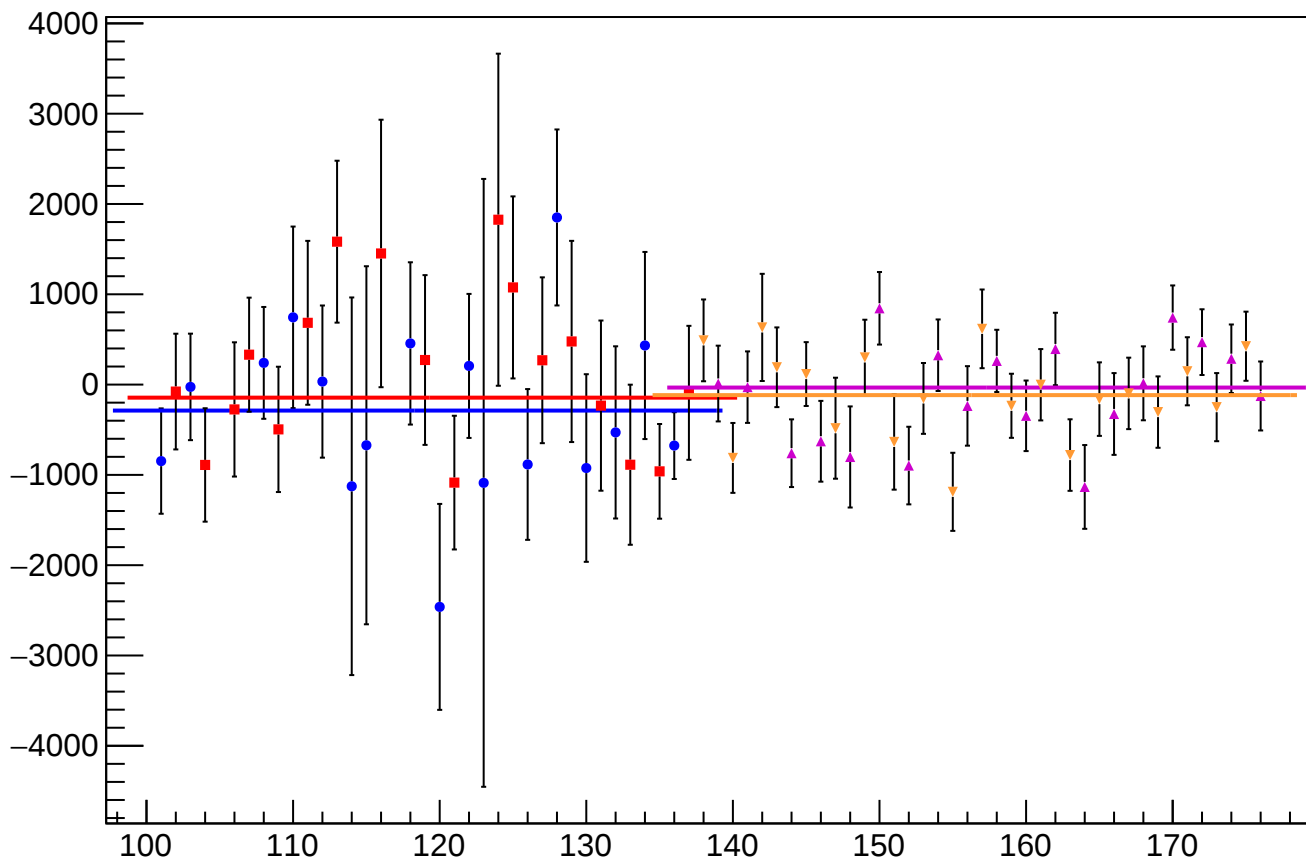
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.247 $\pm$ 0.010 χ^2 /NDF:475255.7/35

Out: 61.729 $\pm$ 0.009 χ^2 /NDF:457405.8/37

All: 61.983 $\pm$ 0.007 χ^2 /NDF: 934170.6/73

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: -116.655 ± 92.217 $\chi^2/\text{NDF}: 24.8/19$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -32.968 ± 92.676 $\chi^2/\text{NDF}: 33.2/18$

Left: -75.019 ± 65.369 $\chi^2/\text{NDF}: 58.4/38$

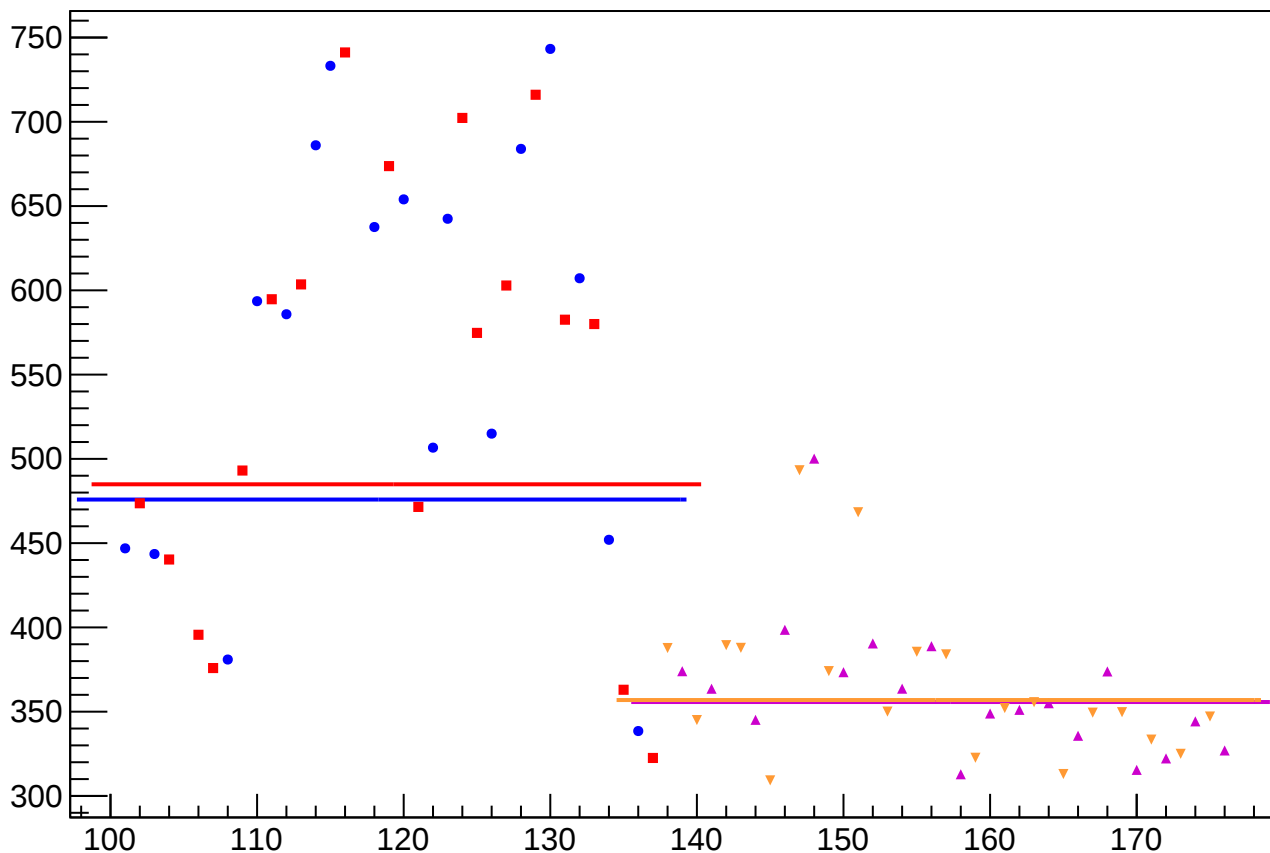
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -81.969 ± 83.286 $\chi^2/\text{NDF}: 50.1/35$

Out: -122.089 ± 82.774 $\chi^2/\text{NDF}: 40.9/37$

All: -102.153 ± 58.710 $\chi^2/\text{NDF}: 91.0/73$

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: 356.905+/-0.065 χ^2/NDF : 358542.2/19

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 355.730+/-0.066 χ^2/NDF : 282077.8/18

Left: 356.320+/-0.046 χ^2/NDF : 640781.5/38

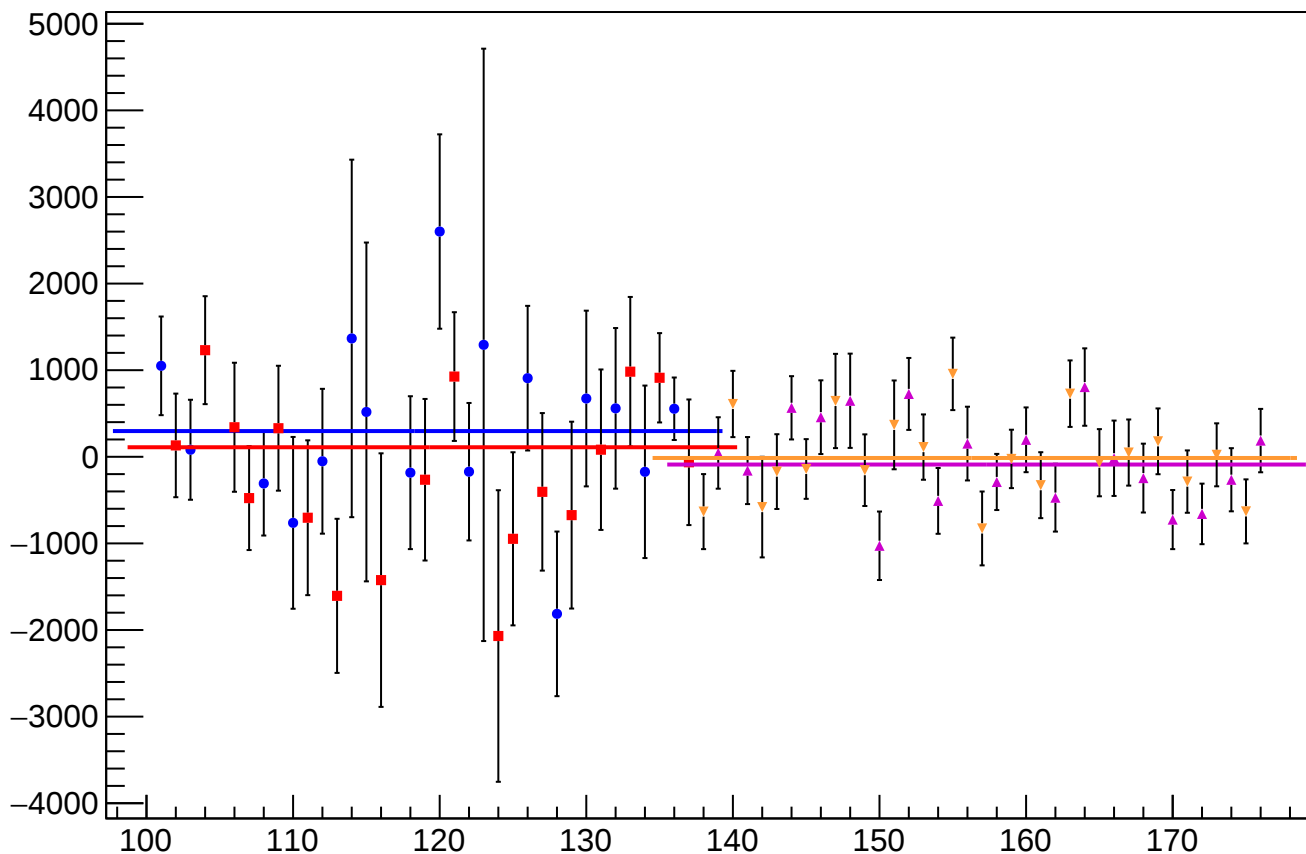
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 378.842+/-0.059 χ^2/NDF : 1766472.8/35

Out: 381.779+/-0.059 χ^2/NDF : 1823705.7/37

All: 380.319+/-0.042 χ^2/NDF : 3591429.4/73

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -13.654 ± 89.200 $\chi^2/\text{NDF}: 25.3/19$

Right Out: 110.141 ± 184.400 $\chi^2/\text{NDF}: 18.5/17$

Left In: -89.389 ± 89.389 $\chi^2/\text{NDF}: 30.9/18$

Left: -51.441 ± 63.141 $\chi^2/\text{NDF}: 56.5/38$

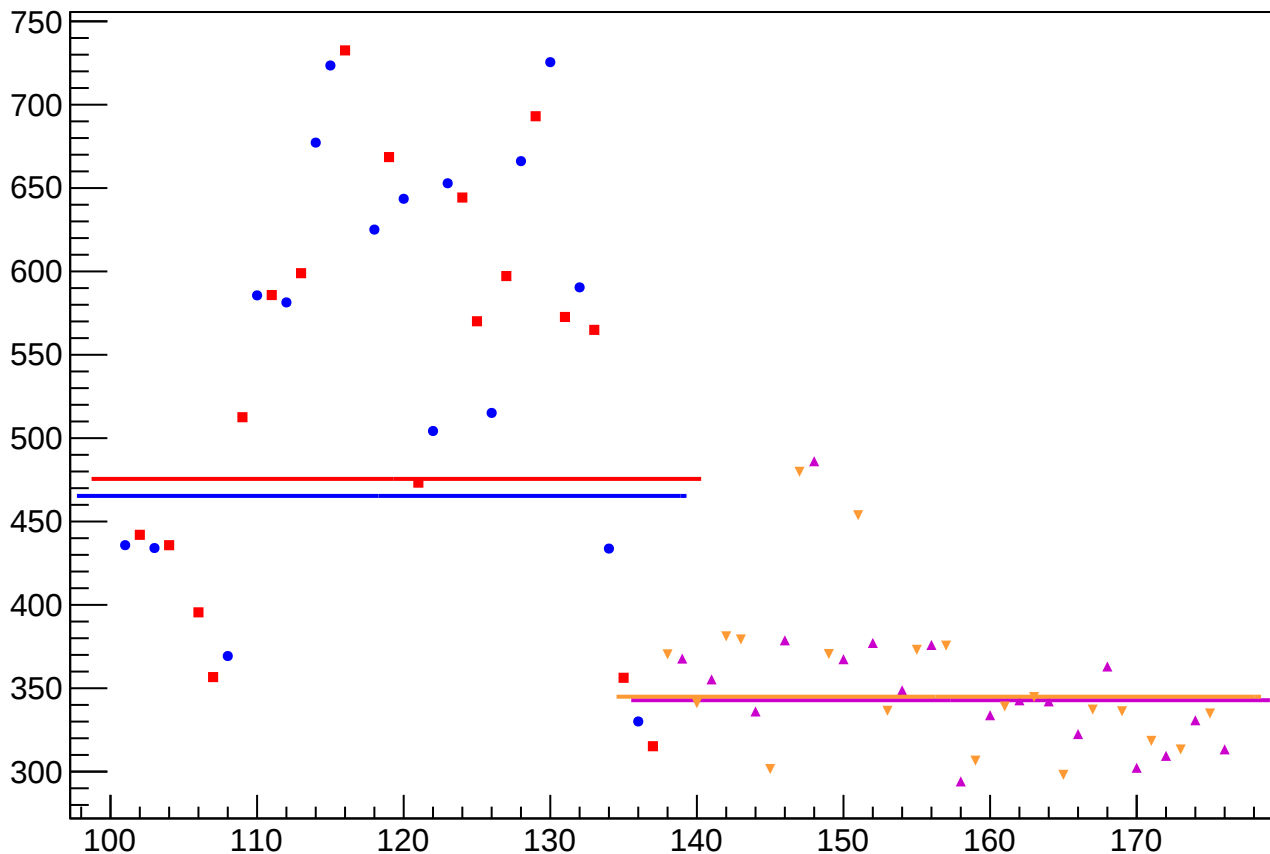
Right: 202.768 ± 130.944 $\chi^2/\text{NDF}: 34.9/34$

In: -16.879 ± 80.566 $\chi^2/\text{NDF}: 50.3/35$

Out: 9.820 ± 80.298 $\chi^2/\text{NDF}: 44.2/37$

All: -3.485 ± 56.874 $\chi^2/\text{NDF}: 94.5/73$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 344.934 $\pm$ 0.063 χ^2 /NDF: 385055.6/19

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 342.824 $\pm$ 0.063 χ^2 /NDF: 314549.8/18

Left: 343.881 $\pm$ 0.045 χ^2 /NDF: 700163.6/38

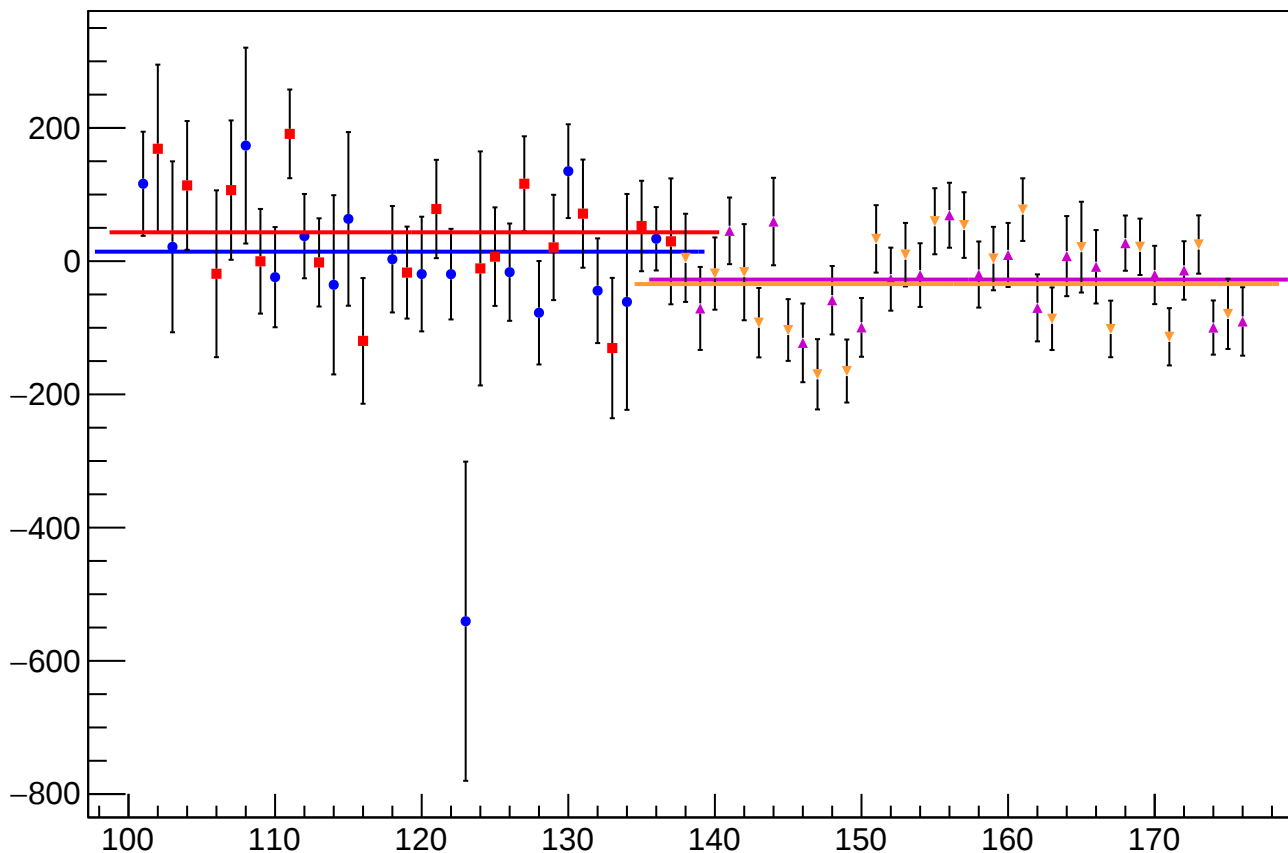
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 365.820 $\pm$ 0.057 χ^2 /NDF: 1880226.0/35

Out: 369.704 $\pm$ 0.057 χ^2 /NDF: 1939198.2/37

All: 367.768 $\pm$ 0.040 χ^2 /NDF: 3821756.1/73

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -34.401 ± 11.077 $\chi^2/\text{NDF}: 46.1/19$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -27.658 ± 11.310 $\chi^2/\text{NDF}: 22.2/18$

Left: -31.100 ± 7.914 $\chi^2/\text{NDF}: 68.5/38$

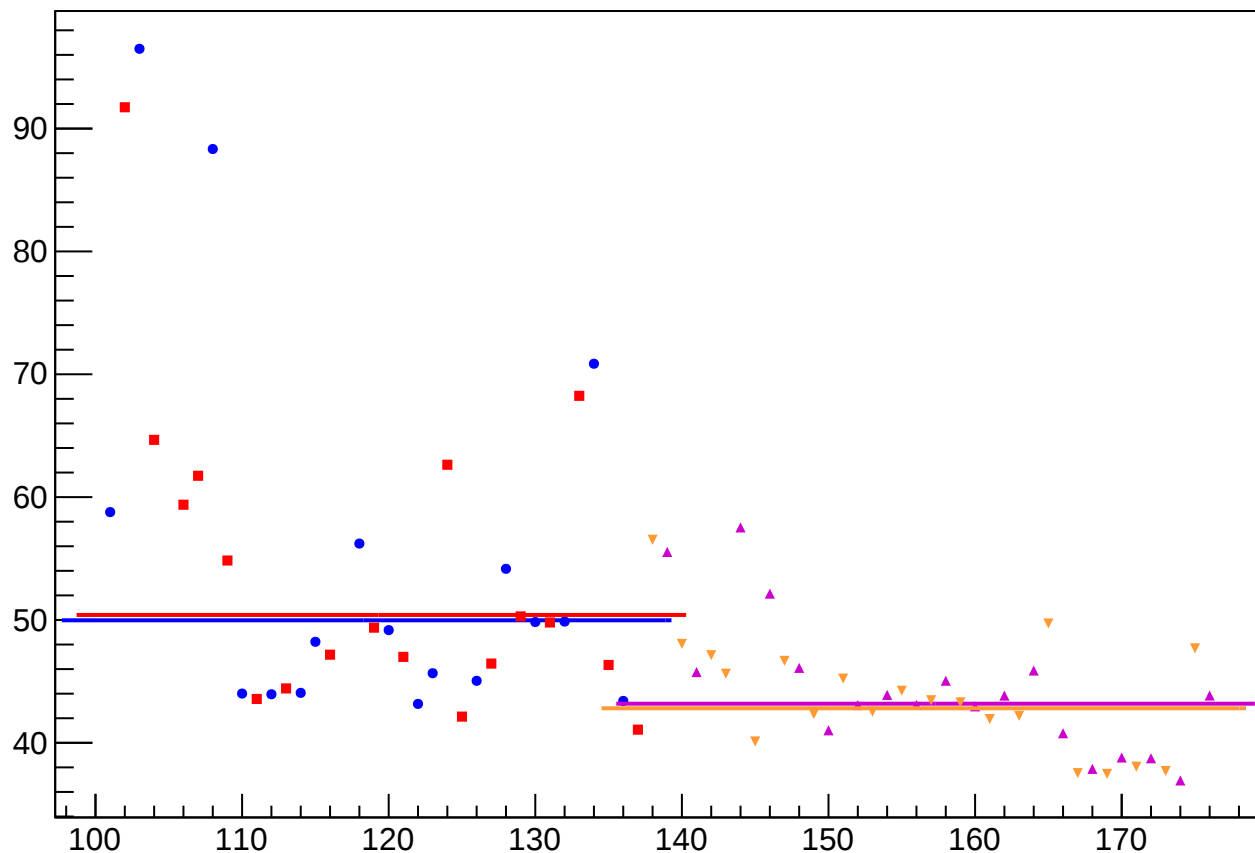
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -17.400 ± 9.829 $\chi^2/\text{NDF}: 40.4/35$

Out: -15.654 ± 9.649 $\chi^2/\text{NDF}: 74.1/37$

All: -16.511 ± 6.886 $\chi^2/\text{NDF}: 114.5/73$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 42.811 $\pm$ 0.008 χ^2 /NDF: 295523.9/19

Right Out: 50.408 $\pm$ 0.014 χ^2 /NDF: 467481.4/17

Left In: 43.185 $\pm$ 0.008 χ^2 /NDF: 368998.1/18

Left: 42.994 $\pm$ 0.006 χ^2 /NDF: 665639.7/38

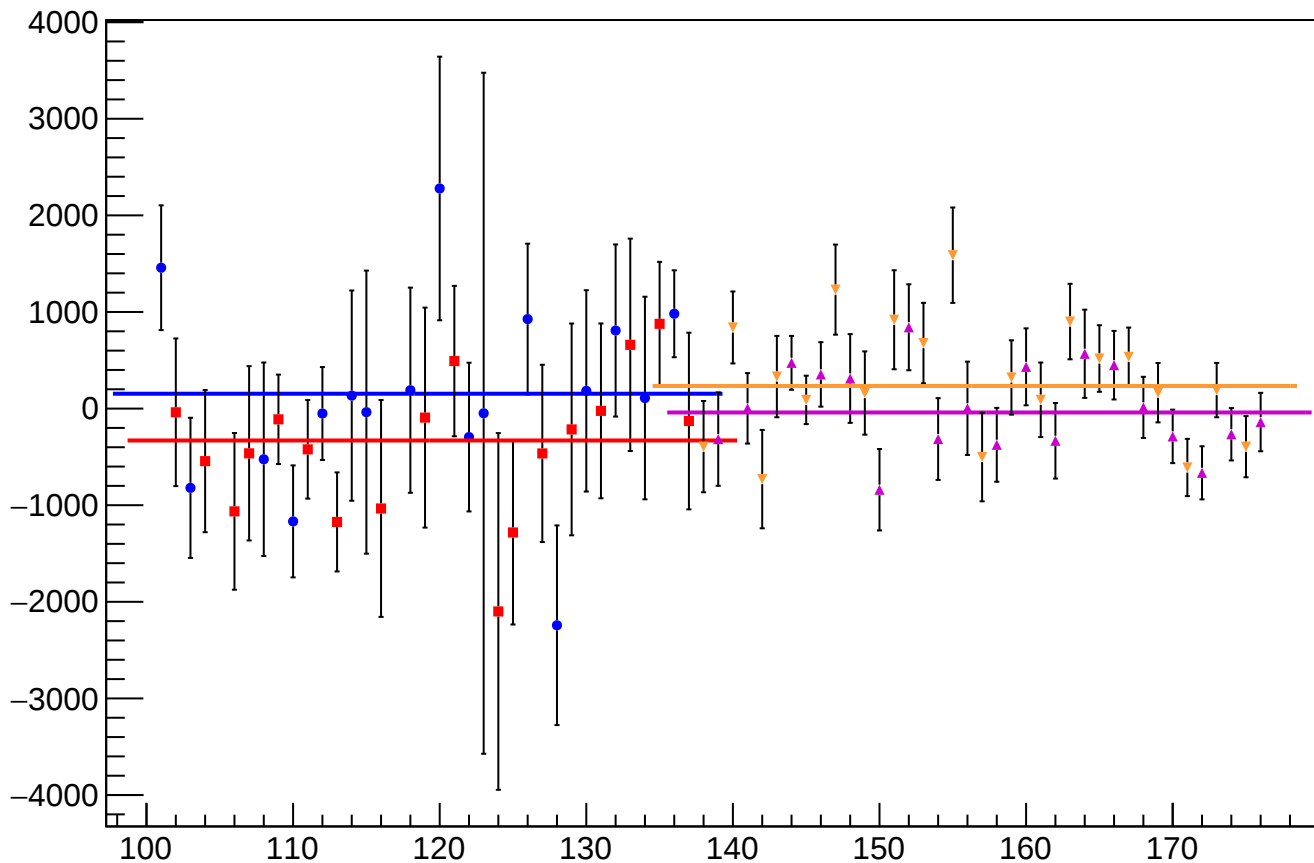
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 44.846 $\pm$ 0.007 χ^2 /NDF: 1124089.4/35

Out: 44.643 $\pm$ 0.007 χ^2 /NDF: 989868.7/37

All: 44.743 $\pm$ 0.005 χ^2 /NDF: 2114394.9/73

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: 234.257 $\pm$ 81.800 χ^2 /NDF:42.9/19

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -40.149 $\pm$ 81.065 χ^2 /NDF:26.9/18

Left: 95.815 $\pm$ 57.580 χ^2 /NDF: 75.4/38

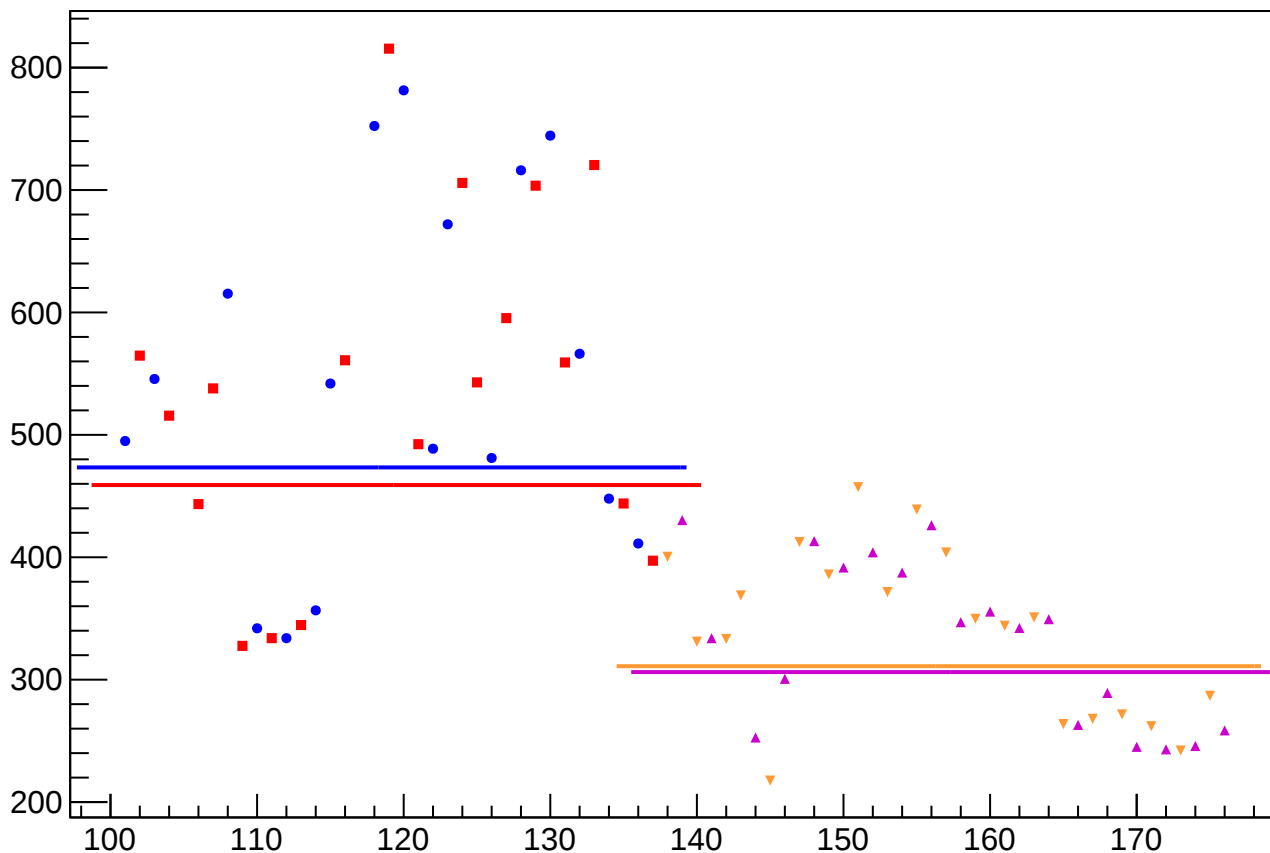
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: -10.265 $\pm$ 74.559 χ^2 /NDF:52.5/35

Out: 137.498 $\pm$ 74.456 χ^2 /NDF:63.1/37

All: 63.719 $\pm$ 52.685 χ^2 /NDF: 117.6/73

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 311.026 $\pm$ 0.058 χ^2 /NDF:1326822.8/19

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 306.203 $\pm$ 0.057 χ^2 /NDF:1177734.8/18

Left: 308.593 $\pm$ 0.041 χ^2 /NDF: 2508064.9/38

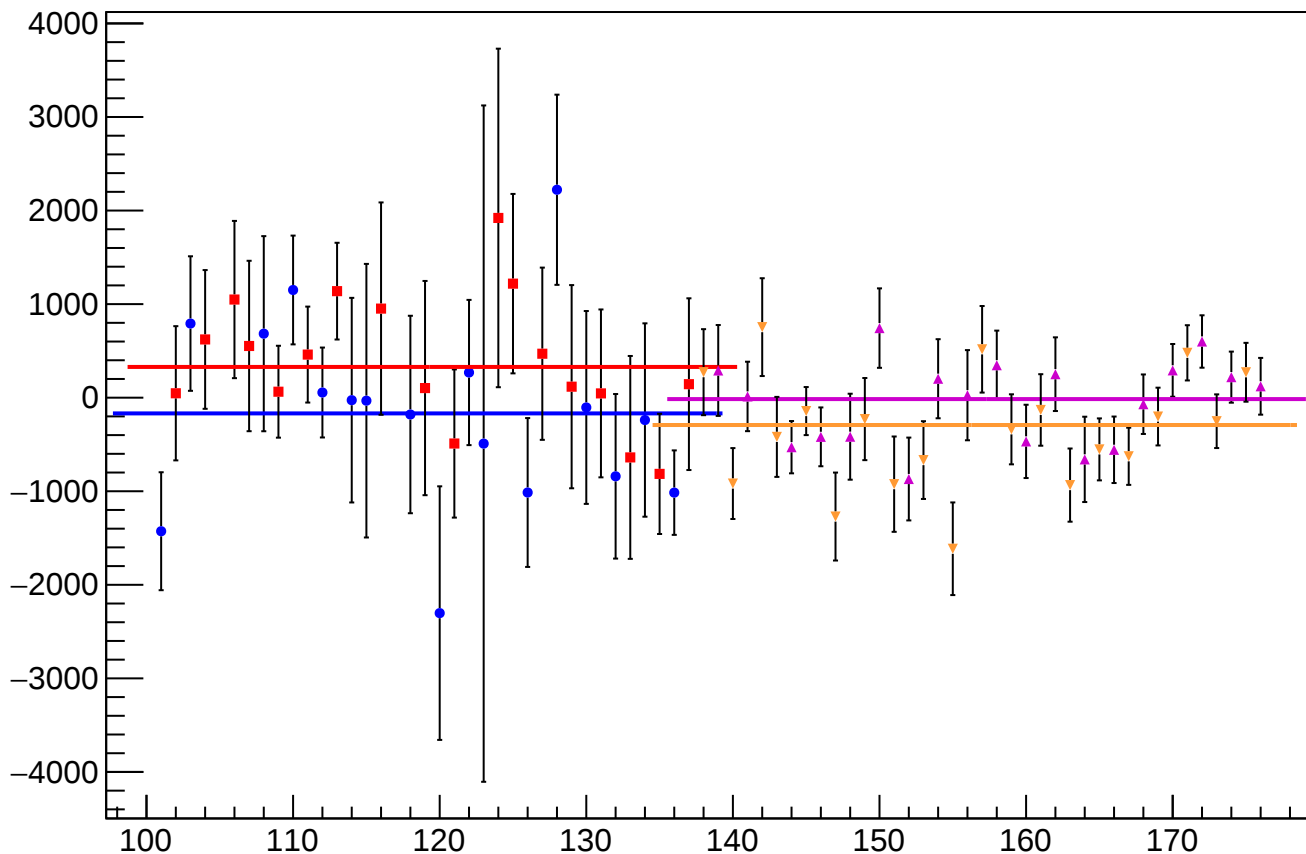
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 331.961 $\pm$ 0.053 χ^2 /NDF:3403422.6/35

Out: 336.401 $\pm$ 0.053 χ^2 /NDF:3455289.0/37

All: 334.184 $\pm$ 0.037 χ^2 /NDF: 6862261.5/73

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -292.111+/-82.011 χ^2/NDF : 40.4/19

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -14.988+/-81.041 χ^2/NDF : 27.5/18

Left: -151.902+/-57.644 χ^2/NDF : 73.6/38

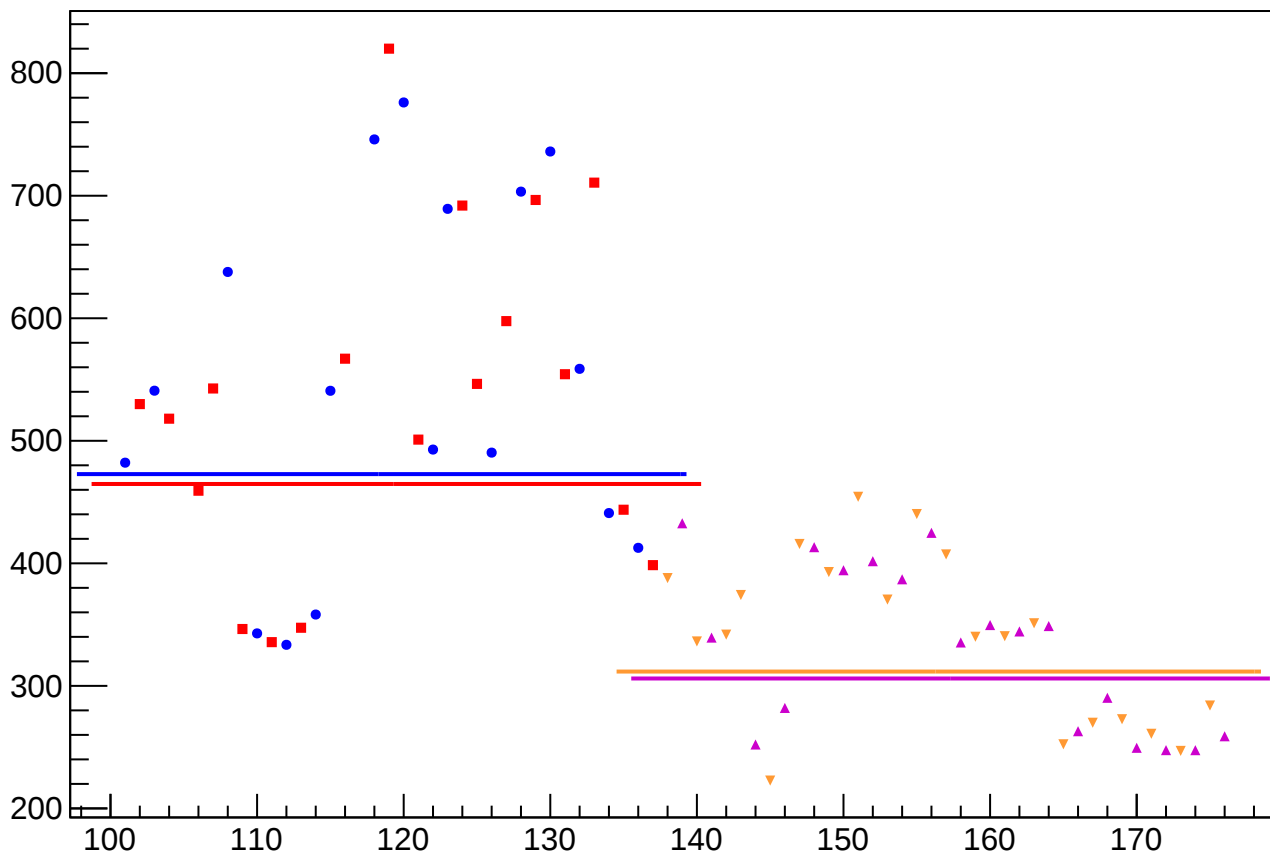
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -38.599+/-74.529 χ^2/NDF : 53.4/35

Out: -186.926+/-74.740 χ^2/NDF : 61.3/37

All: -112.553+/-52.774 χ^2/NDF : 116.6/73

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 311.688 $\pm$ 0.058 χ^2 /NDF: 1289615.4/19

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 306.023 $\pm$ 0.057 χ^2 /NDF: 1138469.8/18

Left: 308.822 $\pm$ 0.041 χ^2 /NDF: 2432913.4/38

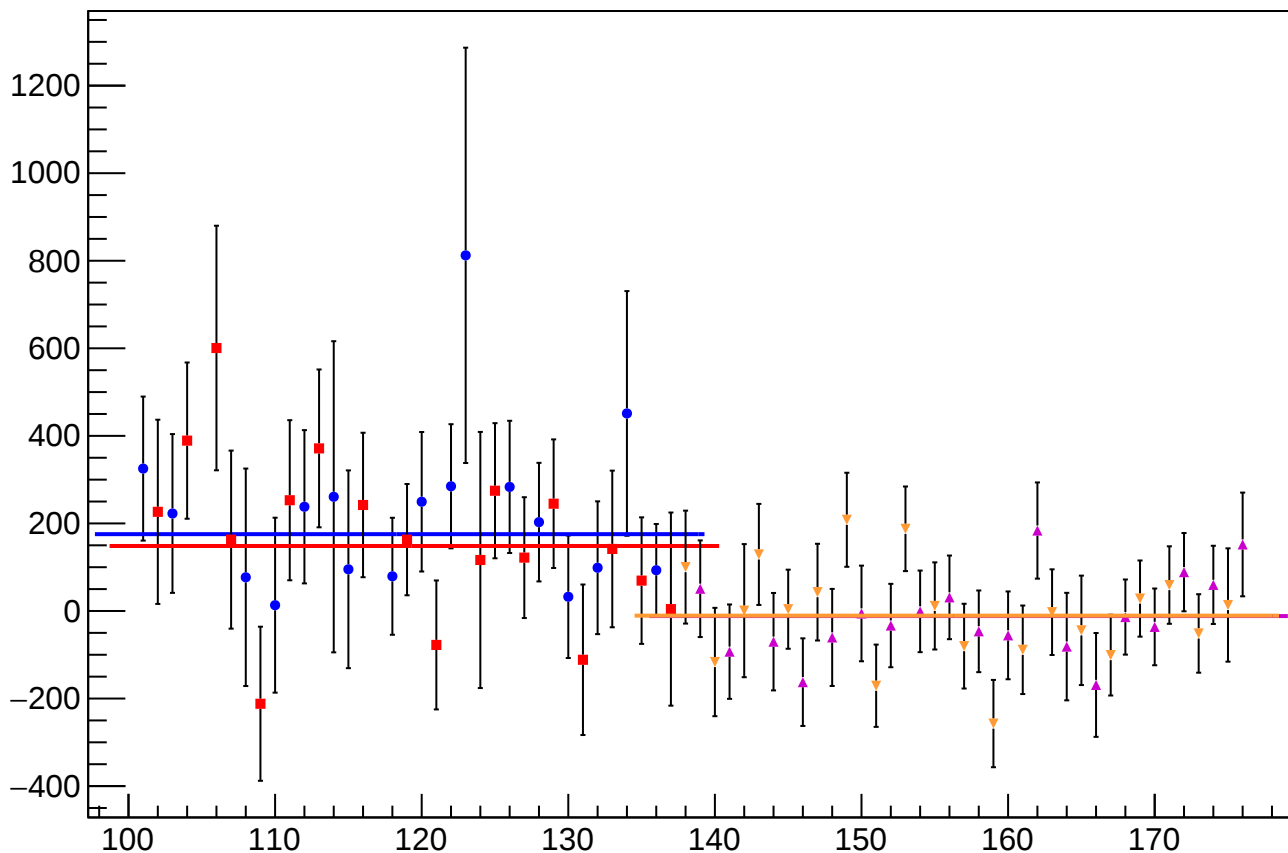
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 331.753 $\pm$ 0.053 χ^2 /NDF: 3341740.4/35

Out: 337.628 $\pm$ 0.053 χ^2 /NDF: 3385121.3/37

All: 334.682 $\pm$ 0.037 χ^2 /NDF: 6733057.5/73

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: -10.664 $\pm$ 22.995 χ^2/NDF :23.9/19

Right Out: 148.445 $\pm$ 40.332 χ^2/NDF : 17.5/17

Left In: -11.614 $\pm$ 23.117 χ^2/NDF :13.4/18

Left: -11.137 $\pm$ 16.303 χ^2/NDF : 37.2/38

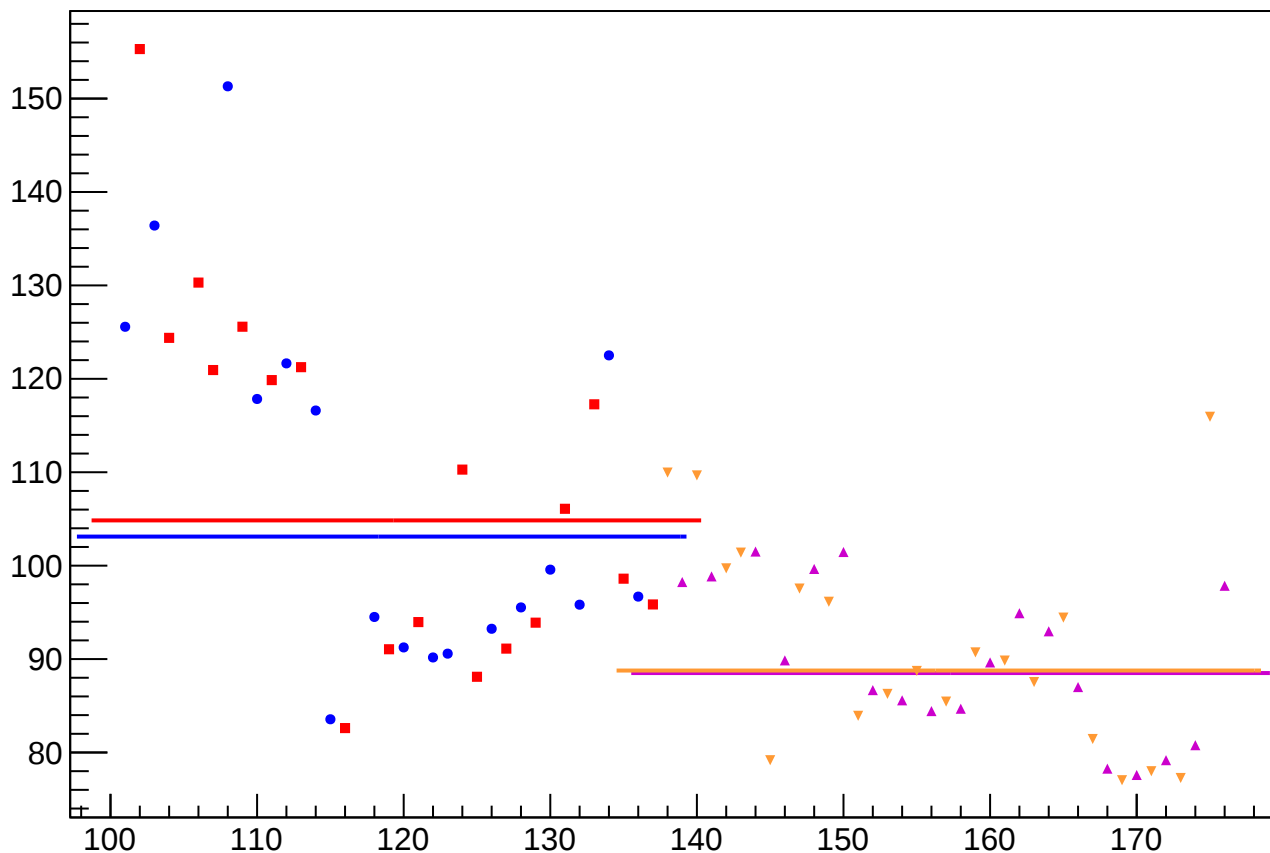
Right: 161.947 $\pm$ 28.528 χ^2/NDF : 26.3/34

In: 34.603 $\pm$ 20.060 χ^2/NDF :38.1/35

Out: 28.368 $\pm$ 19.976 χ^2/NDF :53.1/37

All: 31.473 $\pm$ 14.155 χ^2/NDF : 91.3/73

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: 88.772 $\pm$ 0.016 χ^2 /NDF:404025.0/19

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 88.504 $\pm$ 0.016 χ^2 /NDF:238357.9/18

Left: 88.639 $\pm$ 0.012 χ^2 /NDF: 642518.4/38

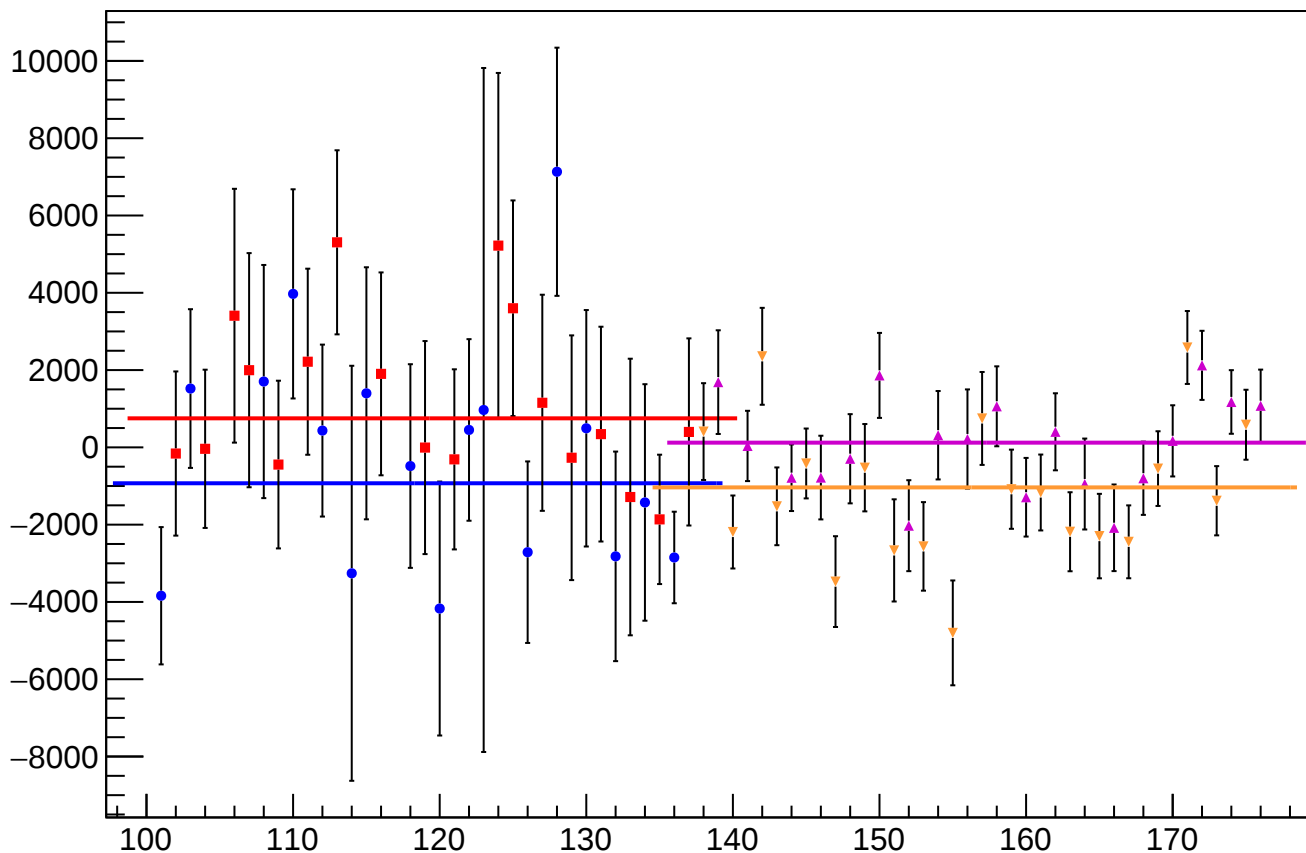
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 92.113 $\pm$ 0.014 χ^2 /NDF:742091.3/35

Out: 92.715 $\pm$ 0.014 χ^2 /NDF:1012372.4/37

All: 92.415 $\pm$ 0.010 χ^2 /NDF: 1755368.4/73

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: -1035.911+/-234.068 χ^2/NDF : 51.7/19

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: 121.808+/-234.268 χ^2/NDF : 25.3/18

Left: -457.546+/-165.582 χ^2/NDF : 89.3/38

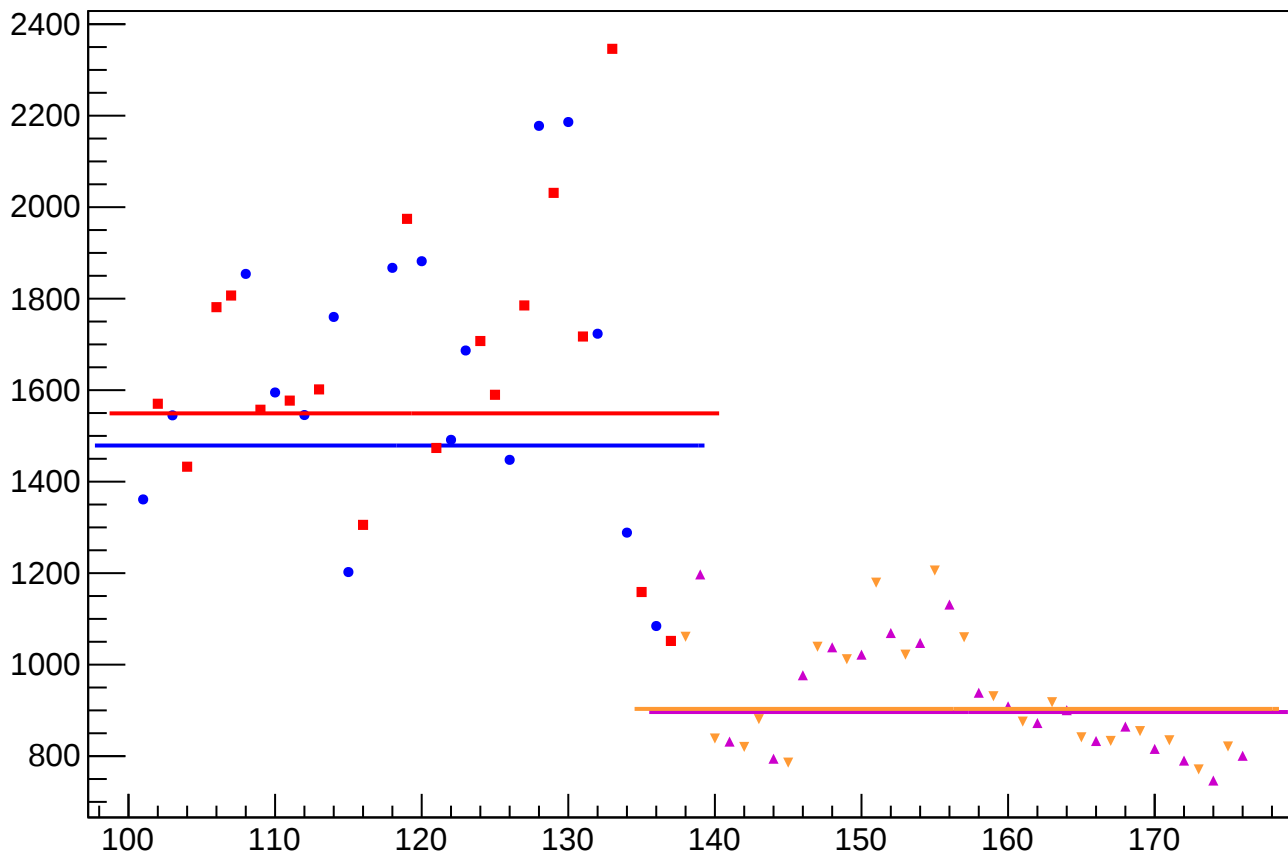
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -22.569+/-217.578 χ^2/NDF : 49.0/35

Out: -796.372+/-217.817 χ^2/NDF : 70.5/37

All: -409.046+/-153.936 χ^2/NDF : 125.8/73

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: 903.264+/-0.166 χ^2/NDF : 468436.3/19

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 896.410+/-0.166 χ^2/NDF : 494761.0/18

Left: 899.840+/-0.117 χ^2/NDF : 964054.1/38

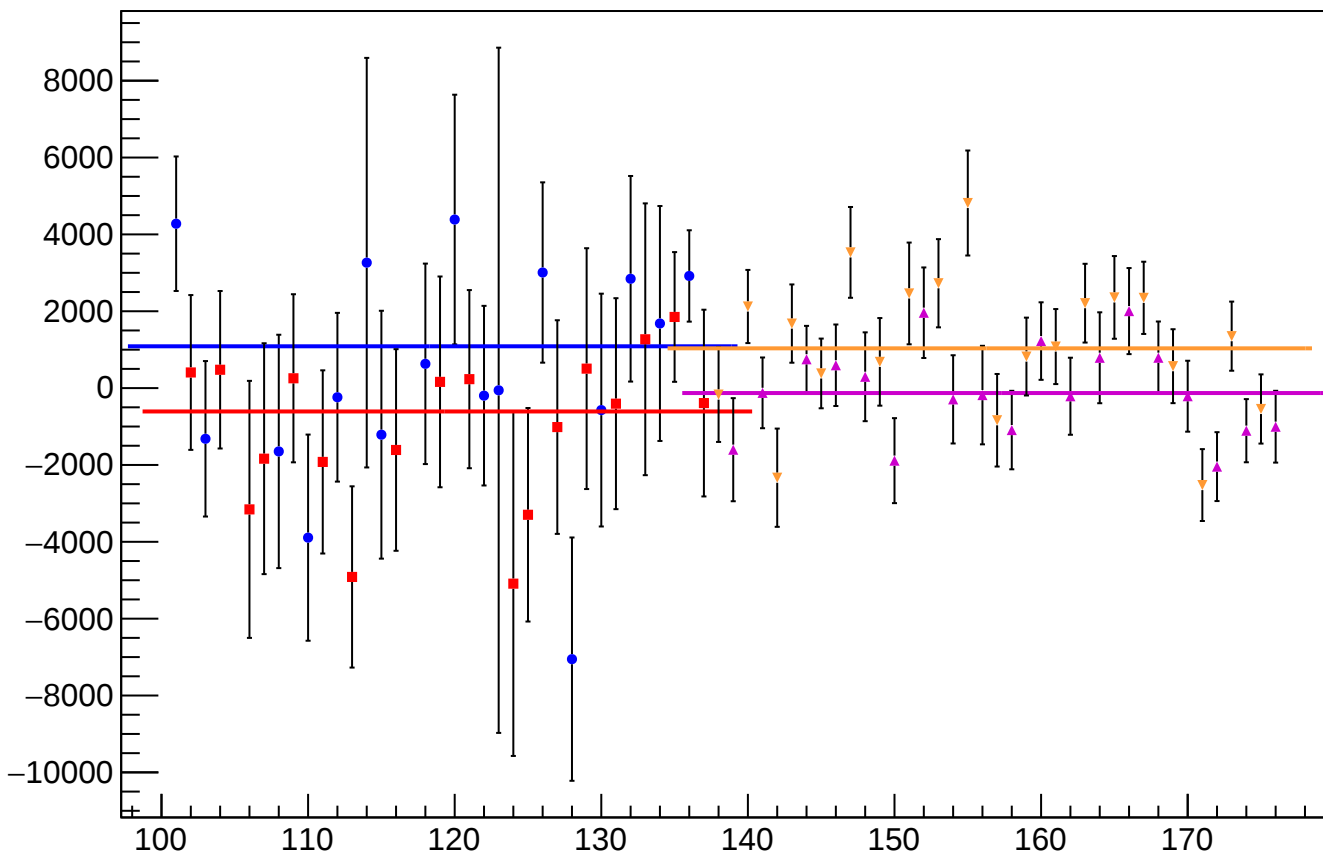
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 976.459+/-0.154 χ^2/NDF : 2783881.1/35

Out: 989.849+/-0.154 χ^2/NDF : 2972842.8/37

All: 983.147+/-0.109 χ^2/NDF : 5760507.2/73

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: 1034.708 $\pm$ 234.033 χ^2 /NDF:50.8/19

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -128.508 $\pm$ 234.267 χ^2 /NDF:23.3/18

Left: 453.682 $\pm$ 165.569 χ^2 /NDF: 86.4/38

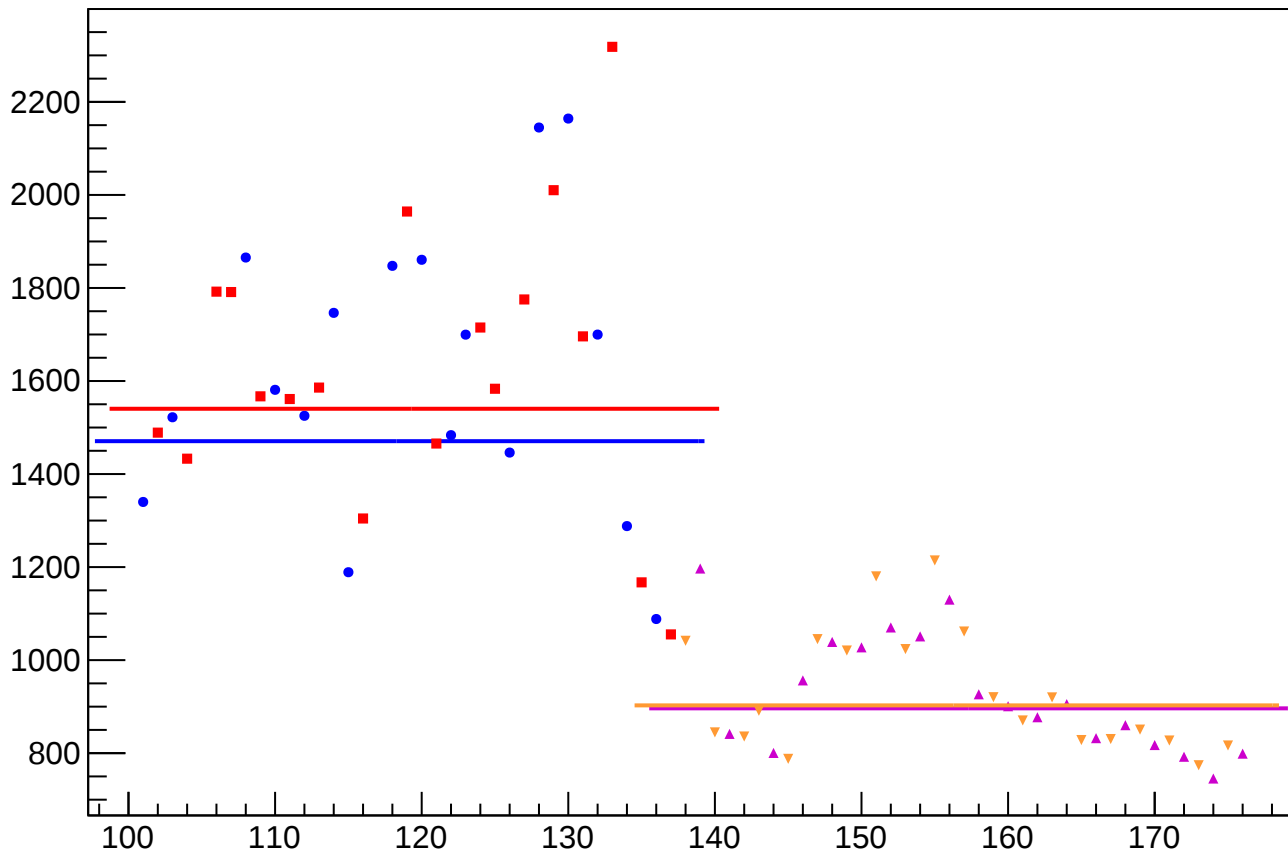
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 40.446 $\pm$ 217.391 χ^2 /NDF:48.9/35

Out: 812.398 $\pm$ 217.621 χ^2 /NDF:67.4/37

All: 426.014 $\pm$ 153.800 χ^2 /NDF: 122.6/73

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 902.724+/-0.165 χ^2/NDF : 472904.4/19

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 896.337+/-0.166 χ^2/NDF : 486045.0/18

Left: 899.534+/-0.117 χ^2/NDF : 959693.4/38

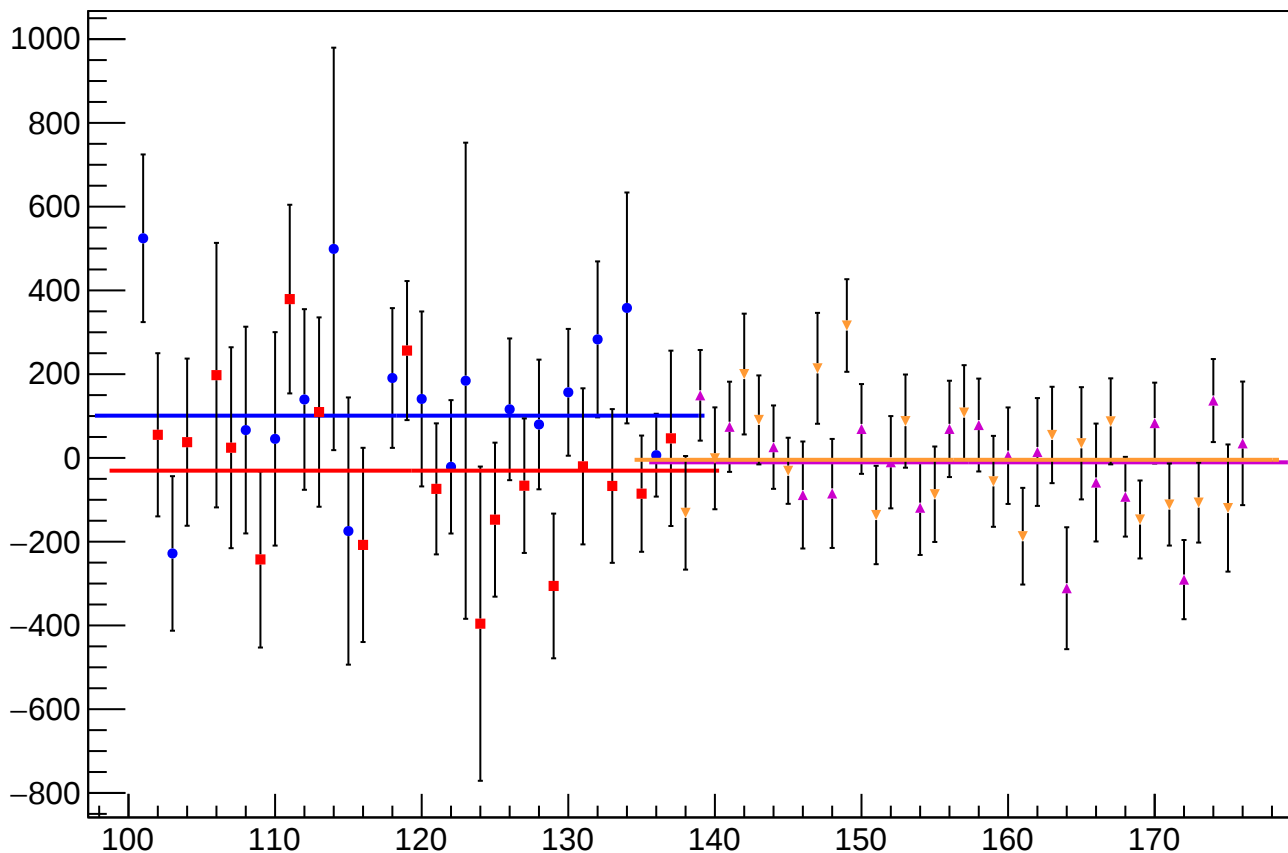
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 976.106+/-0.154 χ^2/NDF : 2723377.2/35

Out: 989.017+/-0.154 χ^2/NDF : 2924865.4/37

All: 982.555+/-0.109 χ^2/NDF : 5651766.1/73

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: -4.476 ± 24.810 $\chi^2/\text{NDF}: 27.5/19$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -10.520 ± 25.750 $\chi^2/\text{NDF}: 23.4/18$

Left: -7.385 ± 17.866 $\chi^2/\text{NDF}: 51.0/38$

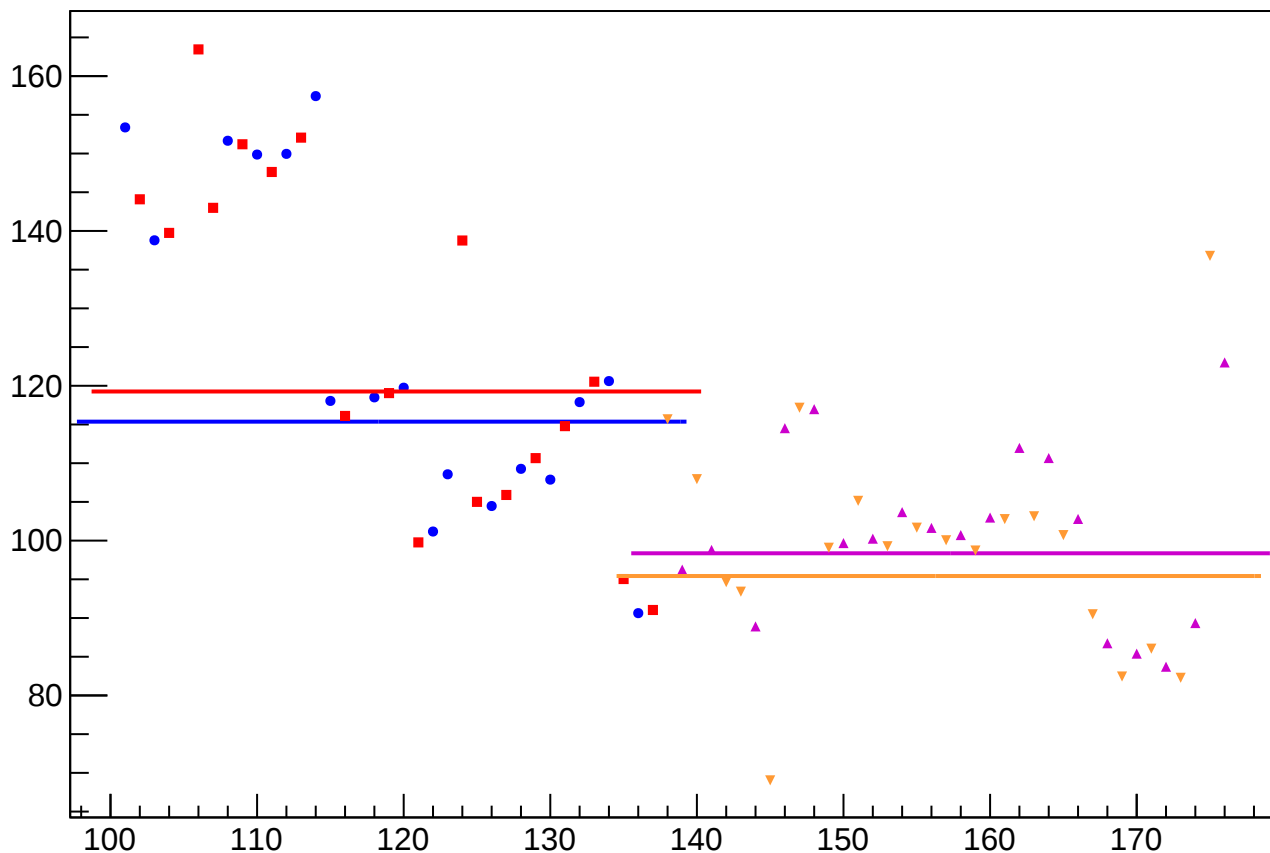
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 16.710 ± 22.384 $\chi^2/\text{NDF}: 41.0/35$

Out: -10.378 ± 21.805 $\chi^2/\text{NDF}: 41.3/37$

All: 2.811 ± 15.619 $\chi^2/\text{NDF}: 83.1/73$

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: 95.426 $\pm$ 0.018 χ^2 /NDF:641927.0/19

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 98.363 $\pm$ 0.018 χ^2 /NDF:327662.9/18

Left: 96.840 $\pm$ 0.013 χ^2 /NDF: 983075.4/38

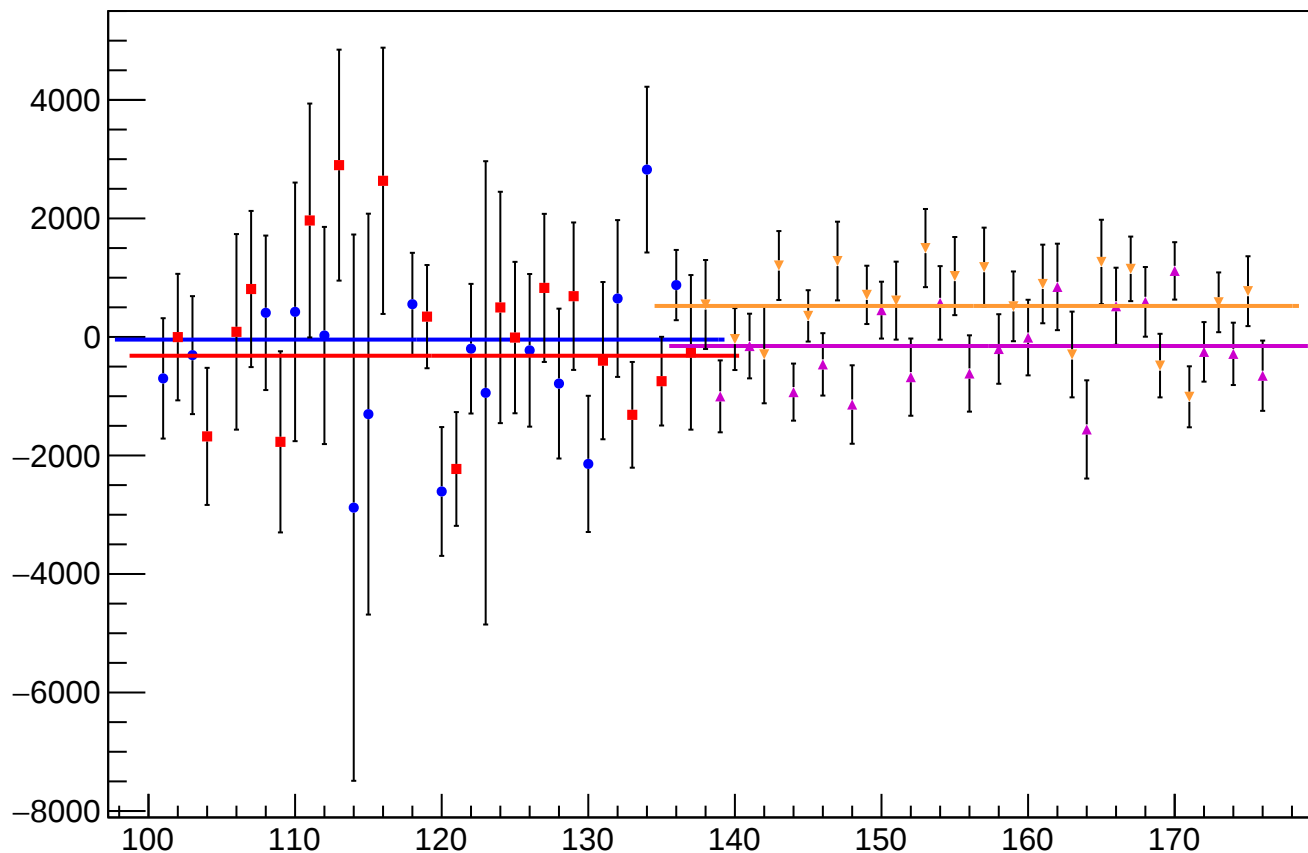
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 102.517 $\pm$ 0.016 χ^2 /NDF:952116.6/35

Out: 100.850 $\pm$ 0.015 χ^2 /NDF:1460350.2/37

All: 101.662 $\pm$ 0.011 χ^2 /NDF: 2418158.0/73

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: 523.342 ± 132.211 χ^2/NDF : 25.4/19

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -152.683 ± 132.907 χ^2/NDF : 26.4/18

Left: 187.104 ± 93.732 χ^2/NDF : 64.9/38

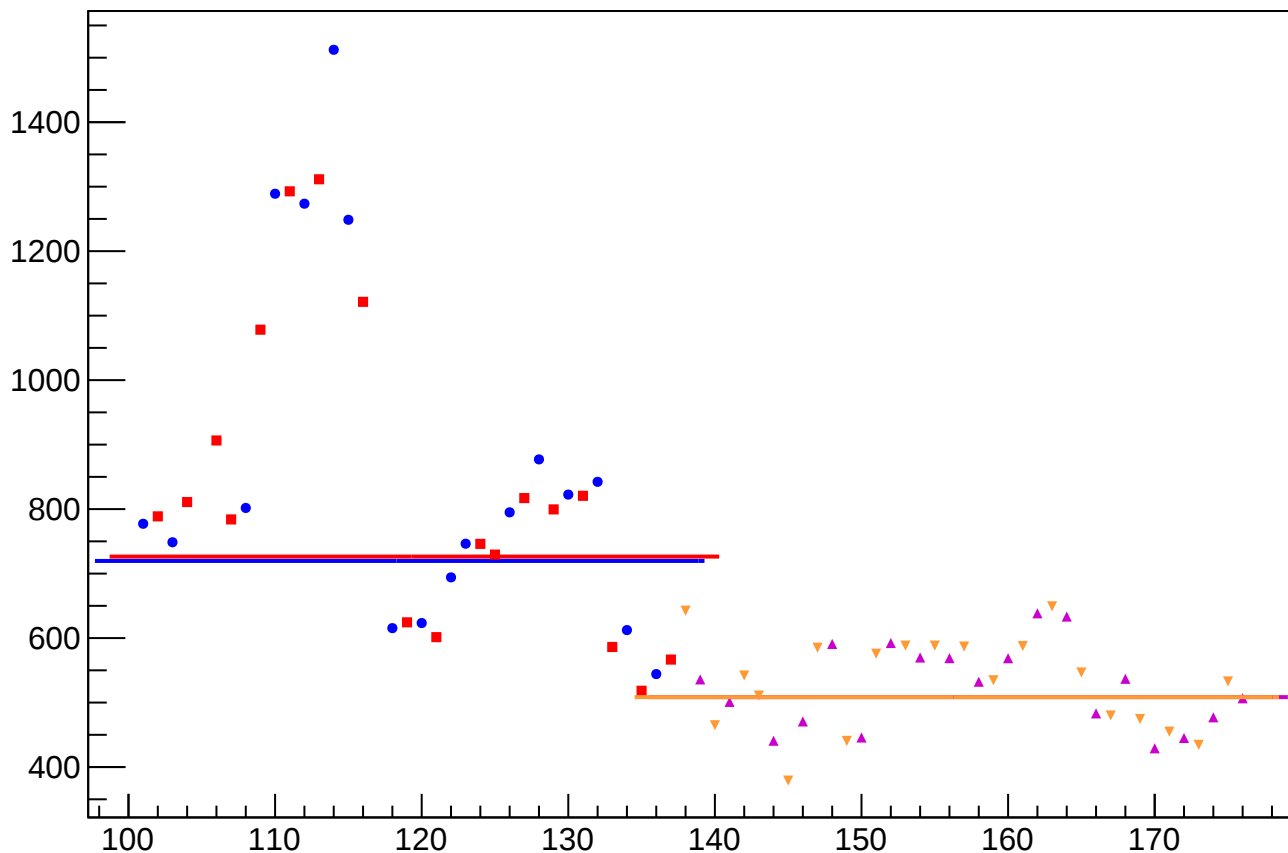
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -133.510 ± 120.549 χ^2/NDF : 44.4/35

Out: 372.895 ± 119.792 χ^2/NDF : 49.5/37

All: 121.287 ± 84.972 χ^2/NDF : 102.7/73

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: 508.452 $\pm$ 0.093 χ^2 /NDF: 626974.5/19

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 508.454 $\pm$ 0.094 χ^2 /NDF: 419943.2/18

Left: 508.453 $\pm$ 0.066 χ^2 /NDF: 1046917.7/38

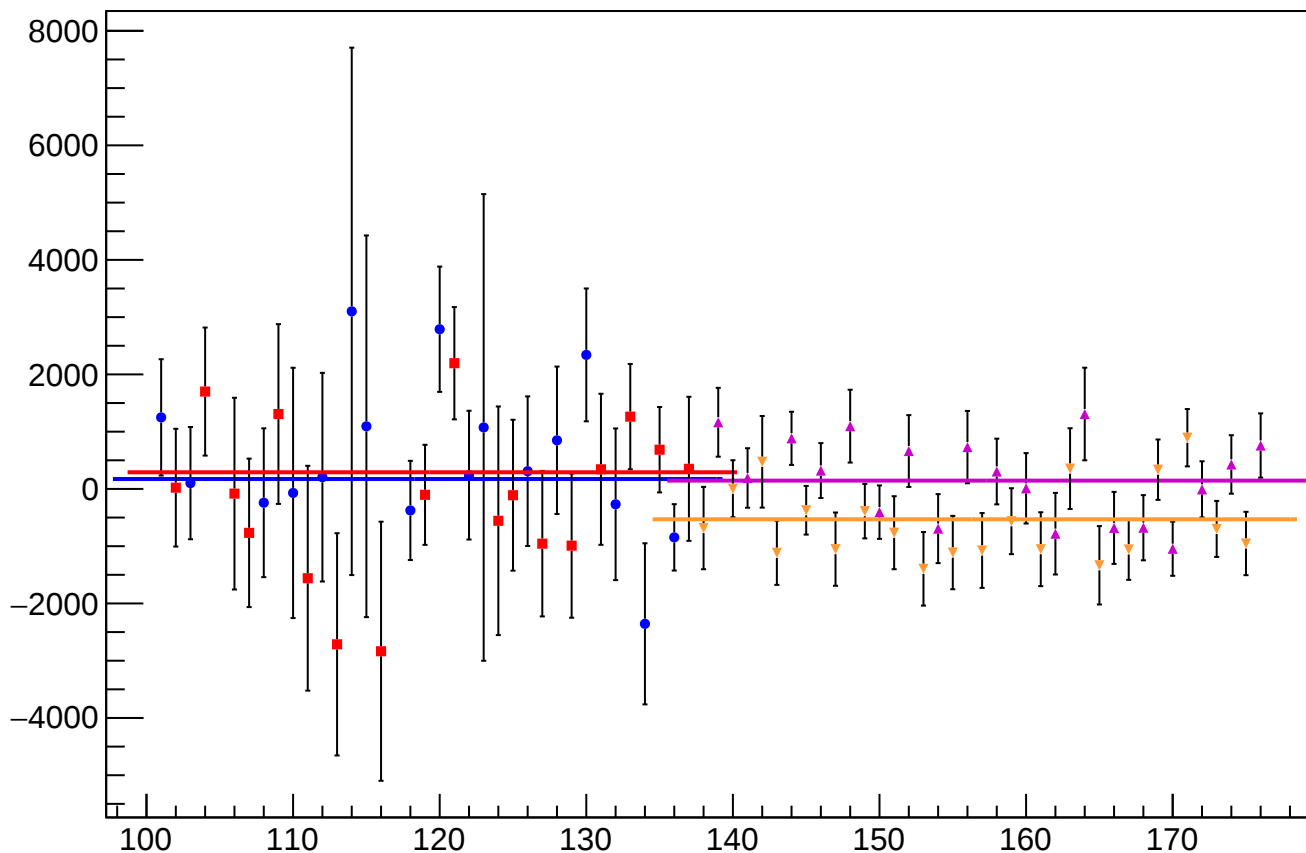
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 545.894 $\pm$ 0.085 χ^2 /NDF: 2061967.8/35

Out: 547.472 $\pm$ 0.085 χ^2 /NDF: 2480997.3/37

All: 546.688 $\pm$ 0.060 χ^2 /NDF: 4543137.7/73

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: -530.477 $\pm$ 128.105 χ^2 /NDF:24.3/19

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 145.010 $\pm$ 128.278 χ^2 /NDF:28.3/18

Left: -193.190 $\pm$ 90.645 χ^2 /NDF: 66.5/38

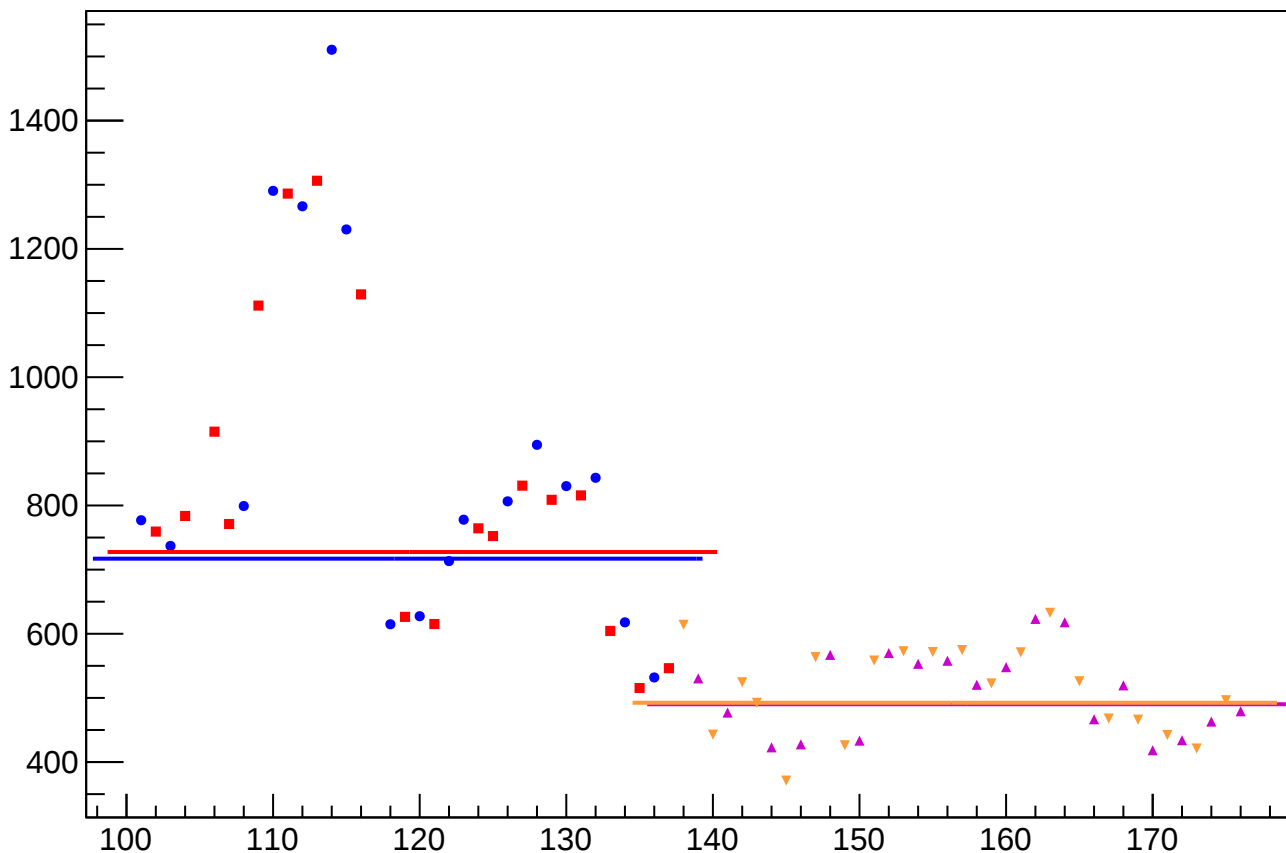
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 149.737 $\pm$ 117.021 χ^2 /NDF:46.4/35

Out: -391.256 $\pm$ 116.743 χ^2 /NDF:46.9/37

All: -121.404 $\pm$ 82.648 χ^2 /NDF: 104.0/73

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 492.443+/-0.091 χ^2/NDF : 612923.2/19

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 490.102+/-0.091 χ^2/NDF : 451957.1/18

Left: 491.274+/-0.064 χ^2/NDF : 1065213.9/38

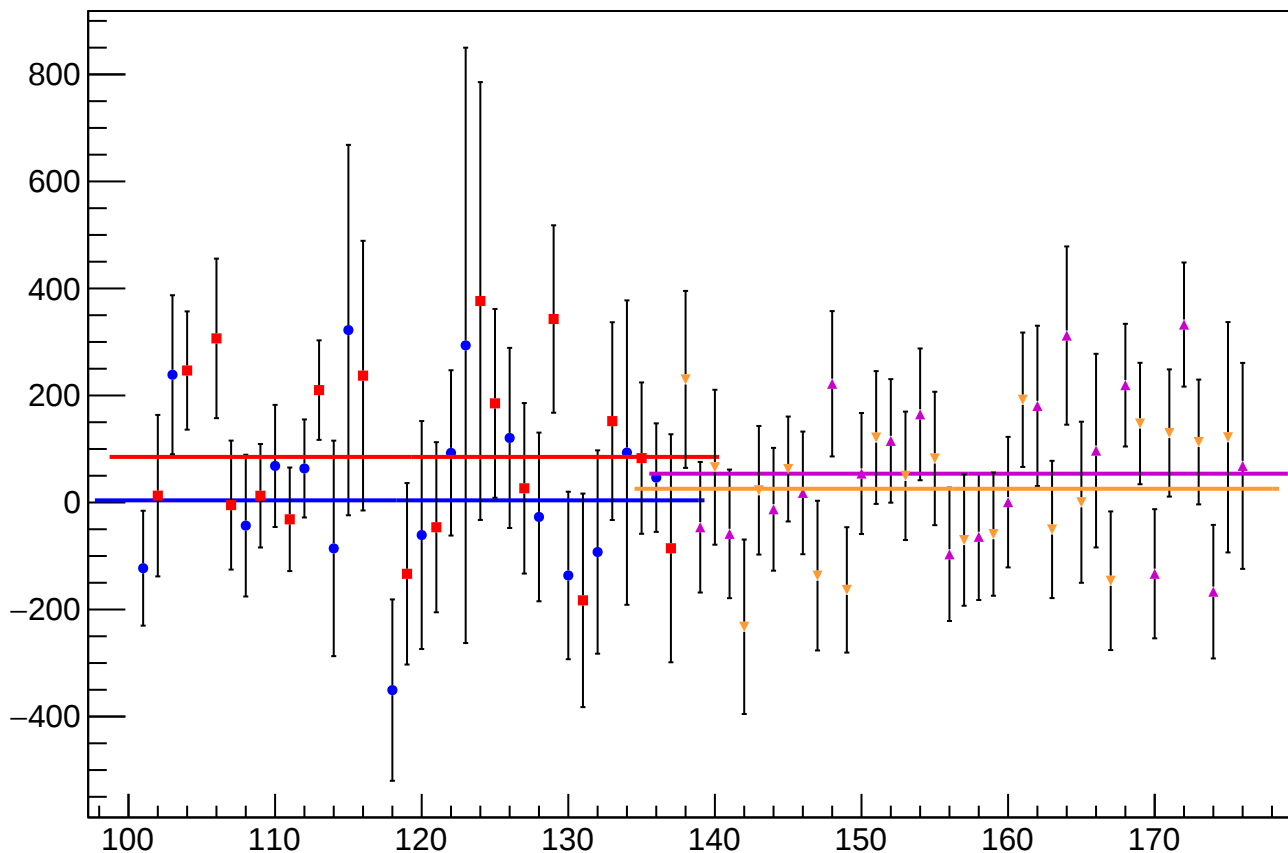
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 528.190+/-0.083 χ^2/NDF : 2285156.3/35

Out: 532.288+/-0.083 χ^2/NDF : 2635316.7/37

All: 530.244+/-0.058 χ^2/NDF : 4921702.5/73

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2/NDF : 12.7/16

Left Out: 25.653 $\pm$ 28.500 χ^2/NDF : 16.8/19

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 53.840 $\pm$ 29.030 χ^2/NDF : 23.8/18

Left: 39.487 $\pm$ 20.337 χ^2/NDF : 41.1/38

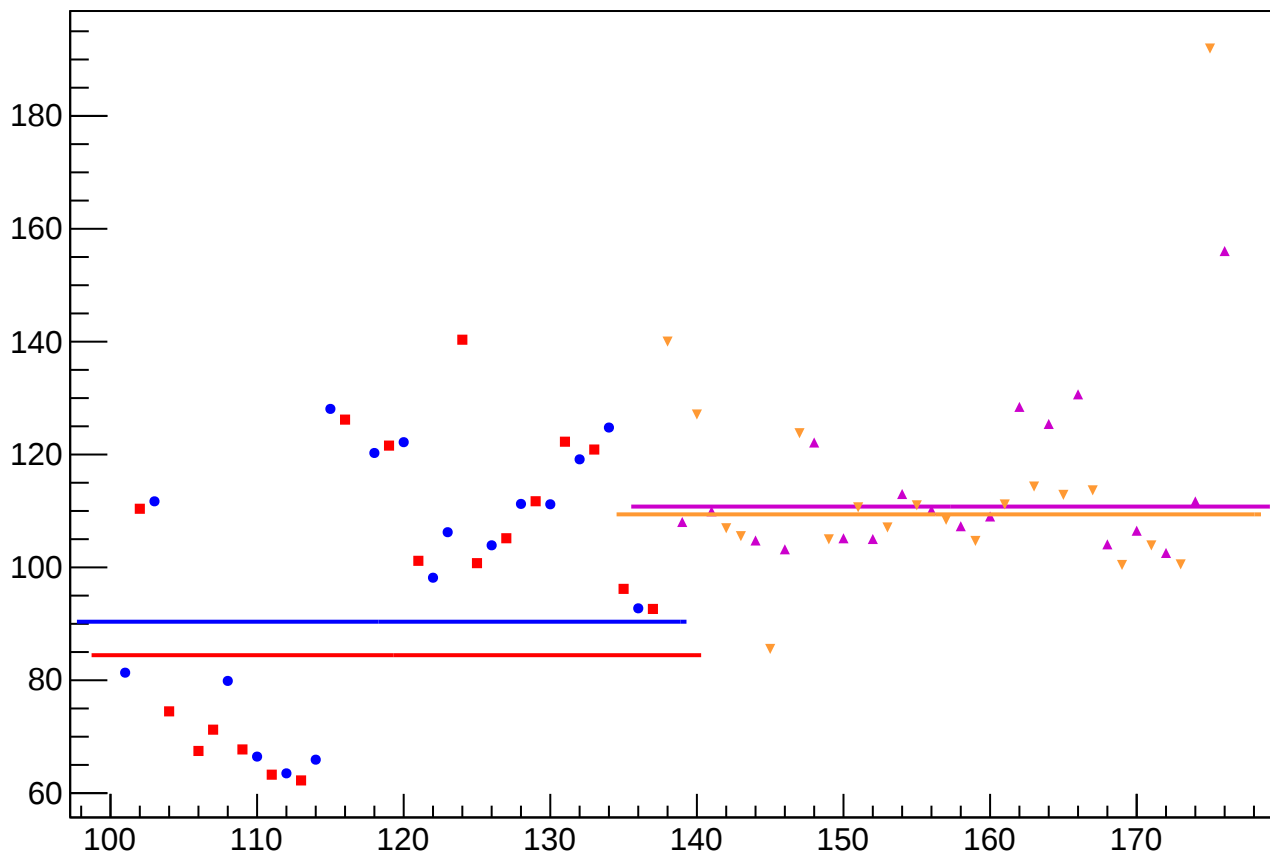
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 34.173 $\pm$ 22.586 χ^2/NDF : 37.7/35

Out: 50.733 $\pm$ 21.684 χ^2/NDF : 36.0/37

All: 42.790 $\pm$ 15.642 χ^2/NDF : 74.0/73

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: 109.397 $\pm$ 0.020 χ^2 /NDF: 577006.9/19

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 110.778 $\pm$ 0.021 χ^2 /NDF: 239619.4/18

Left: 110.074 $\pm$ 0.014 χ^2 /NDF: 818930.8/38

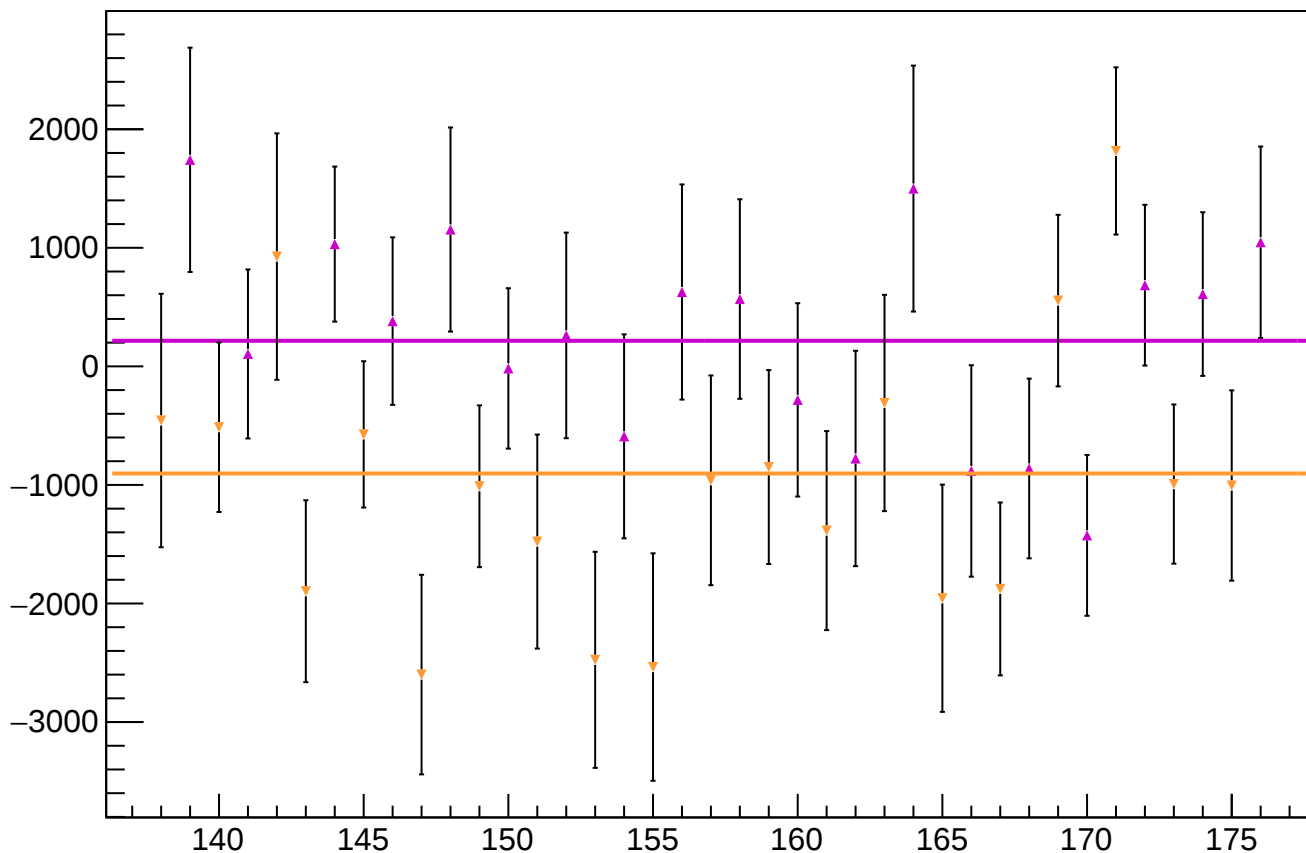
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 102.725 $\pm$ 0.016 χ^2 /NDF: 1283669.9/35

Out: 98.887 $\pm$ 0.015 χ^2 /NDF: 2093607.8/37

All: 100.728 $\pm$ 0.011 χ^2 /NDF: 3407327.2/73

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: -903.772 $\pm$ 178.976 χ^2 /NDF:38.6/19

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

Left In: 215.598 $\pm$ 179.895 χ^2 /NDF:21.2/18

Left: -346.956 $\pm$ 126.879 χ^2 /NDF: 79.2/38

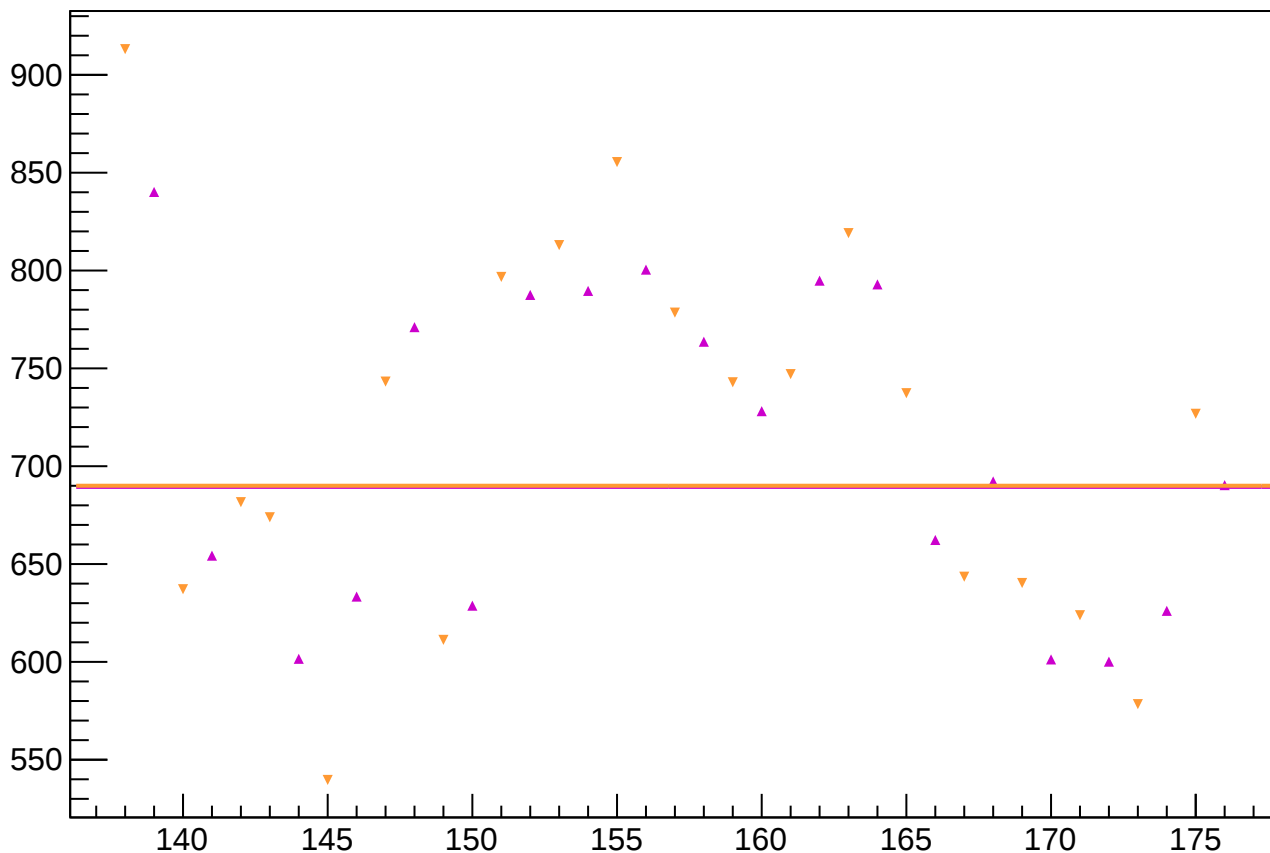
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 215.598 $\pm$ 179.895 χ^2 /NDF:21.2/18

Out: -903.772 $\pm$ 178.976 χ^2 /NDF:38.6/19

All: -346.956 $\pm$ 126.879 χ^2 /NDF: 79.2/38

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 690.026+/-0.127 χ^2/NDF :553597.9/19

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

Left In: 689.432+/-0.127 χ^2/NDF :375234.6/18

Left: 689.731+/-0.090 χ^2/NDF : 928843.5/38

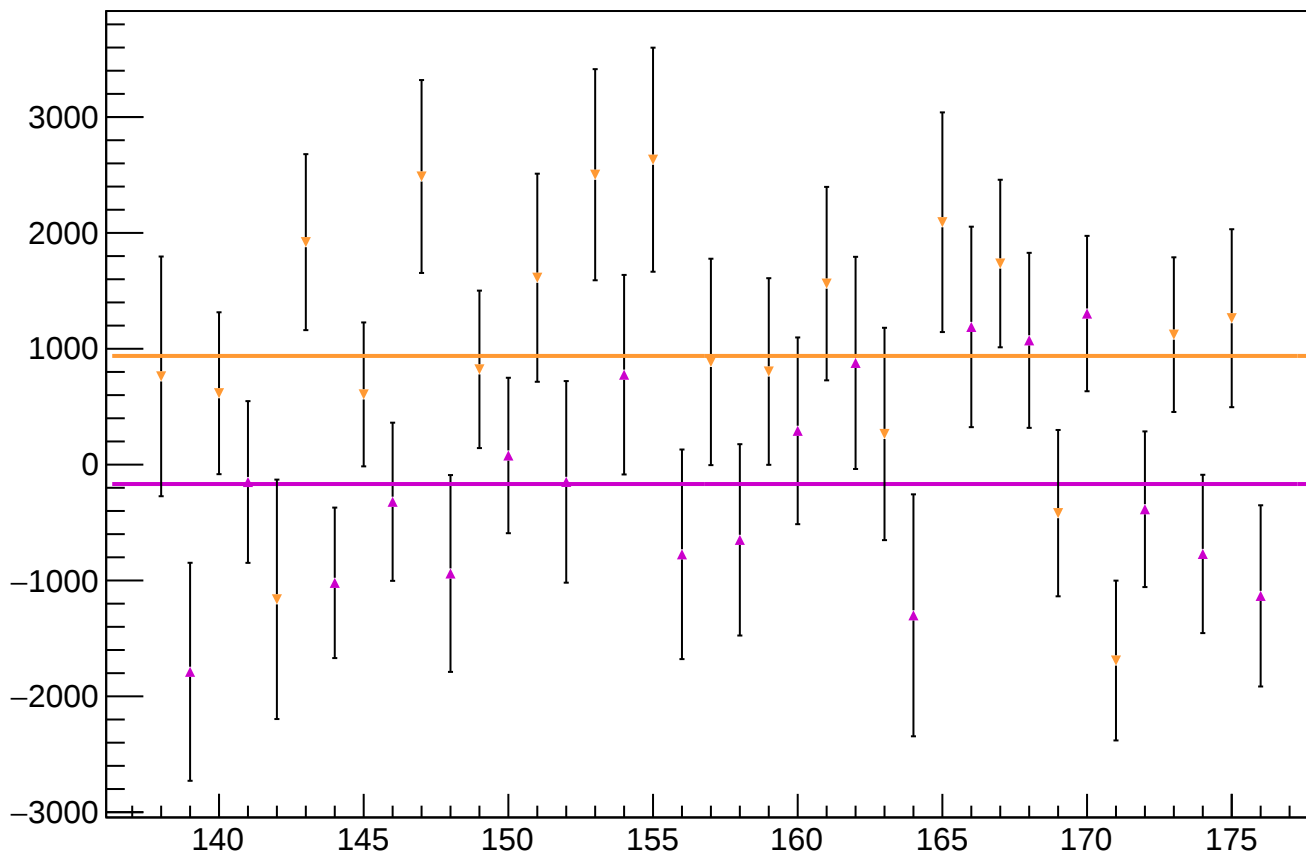
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.432+/-0.127 χ^2/NDF :375234.6/18

Out: 690.026+/-0.127 χ^2/NDF :553597.9/19

All: 689.731+/-0.090 χ^2/NDF : 928843.5/38

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 938.211 $\pm$ 177.325 χ^2 /NDF:38.6/19

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

Left In: -167.431 $\pm$ 177.838 χ^2 /NDF:22.9/18

Left: 386.987 $\pm$ 125.569 χ^2 /NDF: 80.9/38

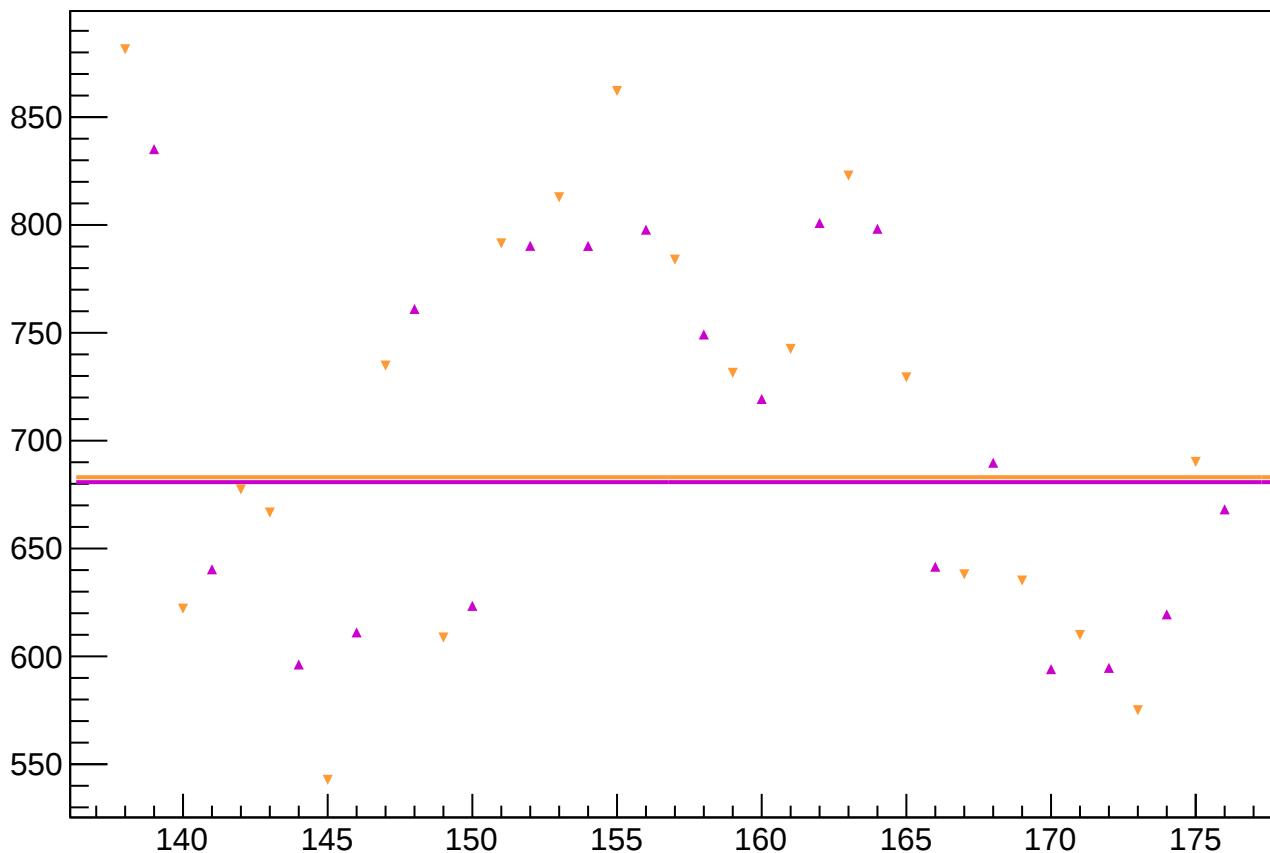
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -167.431 $\pm$ 177.838 χ^2 /NDF:22.9/18

Out: 938.211 $\pm$ 177.325 χ^2 /NDF:38.6/19

All: 386.987 $\pm$ 125.569 χ^2 /NDF: 80.9/38

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 683.080+/-0.125 χ^2/NDF :547821.7/19

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

Left In: 680.767+/-0.126 χ^2/NDF :410653.5/18

Left: 681.927+/-0.089 χ^2/NDF : 958644.8/38

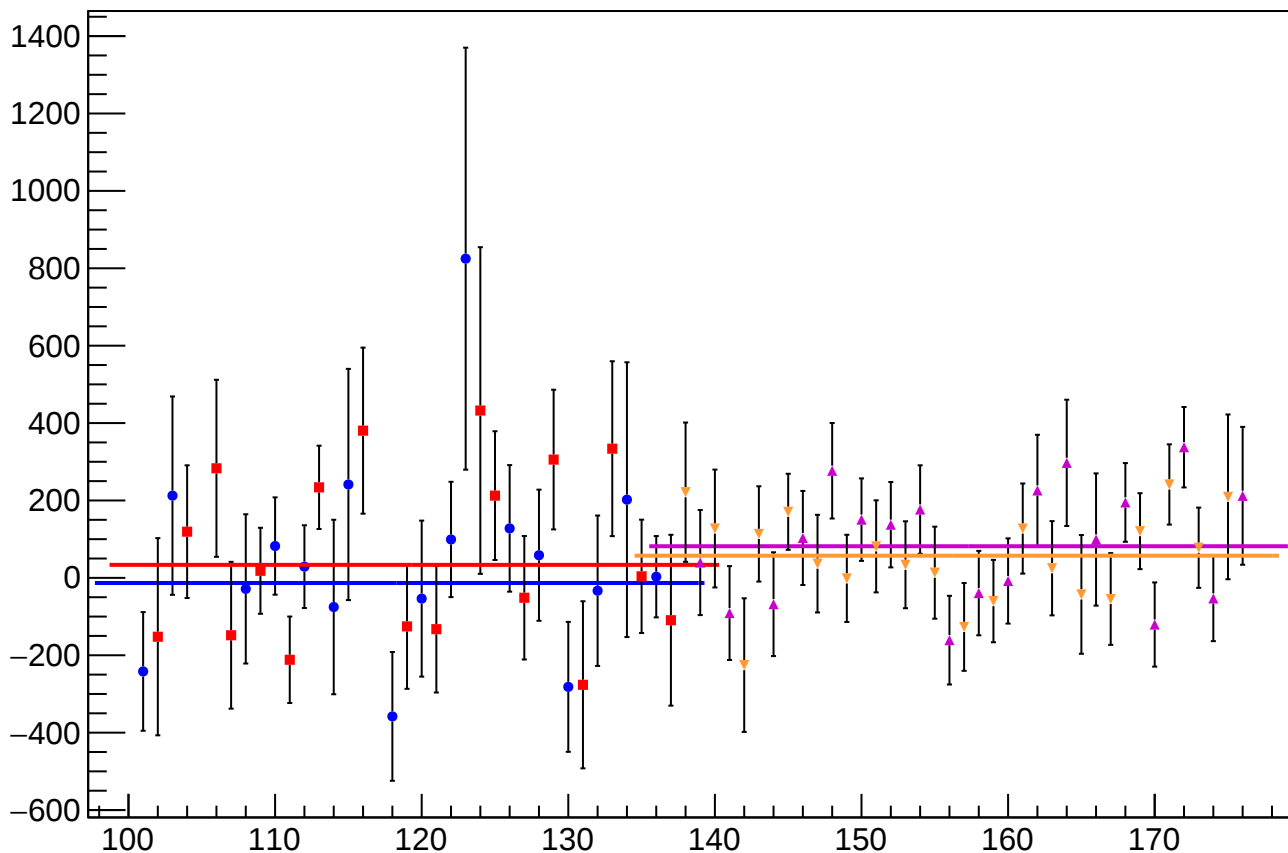
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.767+/-0.126 χ^2/NDF :410653.5/18

Out: 683.080+/-0.125 χ^2/NDF :547821.7/19

All: 681.927+/-0.089 χ^2/NDF : 958644.8/38

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 57.322 ± 26.997 χ^2/NDF : 15.5/19

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 81.731 ± 27.651 χ^2/NDF : 29.2/18

Left: 69.235 ± 19.317 χ^2/NDF : 45.1/38

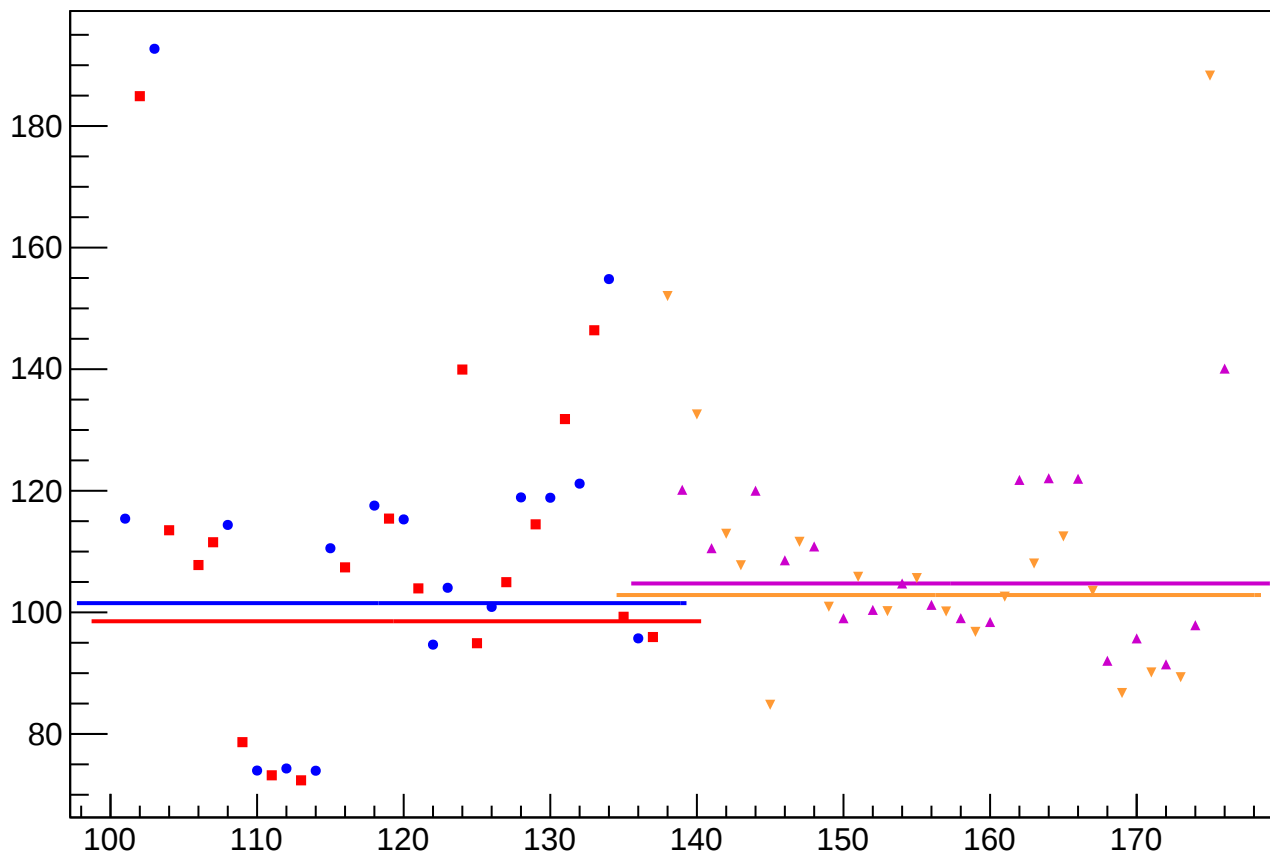
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 51.599 ± 22.846 χ^2/NDF : 48.6/35

Out: 49.621 ± 22.177 χ^2/NDF : 40.4/37

All: 50.581 ± 15.913 χ^2/NDF : 89.1/73

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 χ^2/NDF : 681713.7/16

Left Out: 102.852 ± 0.019 χ^2/NDF : 776180.2/19

Right Out: 98.537 ± 0.028 χ^2/NDF : 746979.4/17

Left In: 104.754 ± 0.020 χ^2/NDF : 321063.4/18

Left: 103.780 ± 0.014 χ^2/NDF : 1102086.6/38

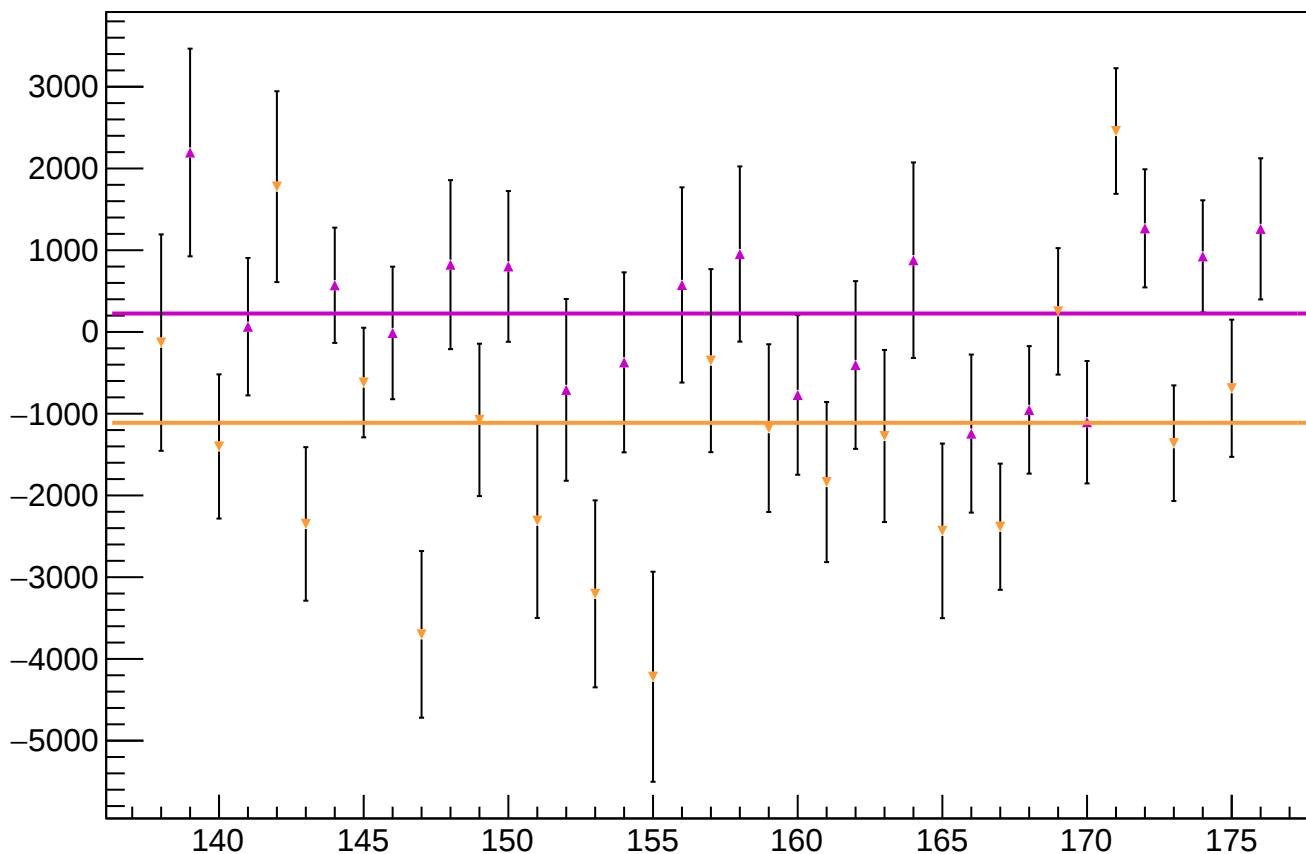
Right: 99.965 ± 0.020 χ^2/NDF : 1434328.3/34

In: 103.727 ± 0.016 χ^2/NDF : 1011464.0/35

Out: 101.449 ± 0.016 χ^2/NDF : 1539779.5/37

All: 102.554 ± 0.011 χ^2/NDF : 2561484.8/73

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1111.507 $\pm$ 207.775 χ^2 /NDF:56.0/19

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

Left In: 225.592 $\pm$ 206.473 χ^2 /NDF:19.1/18

Left: -438.756 $\pm$ 146.456 χ^2 /NDF: 95.9/38

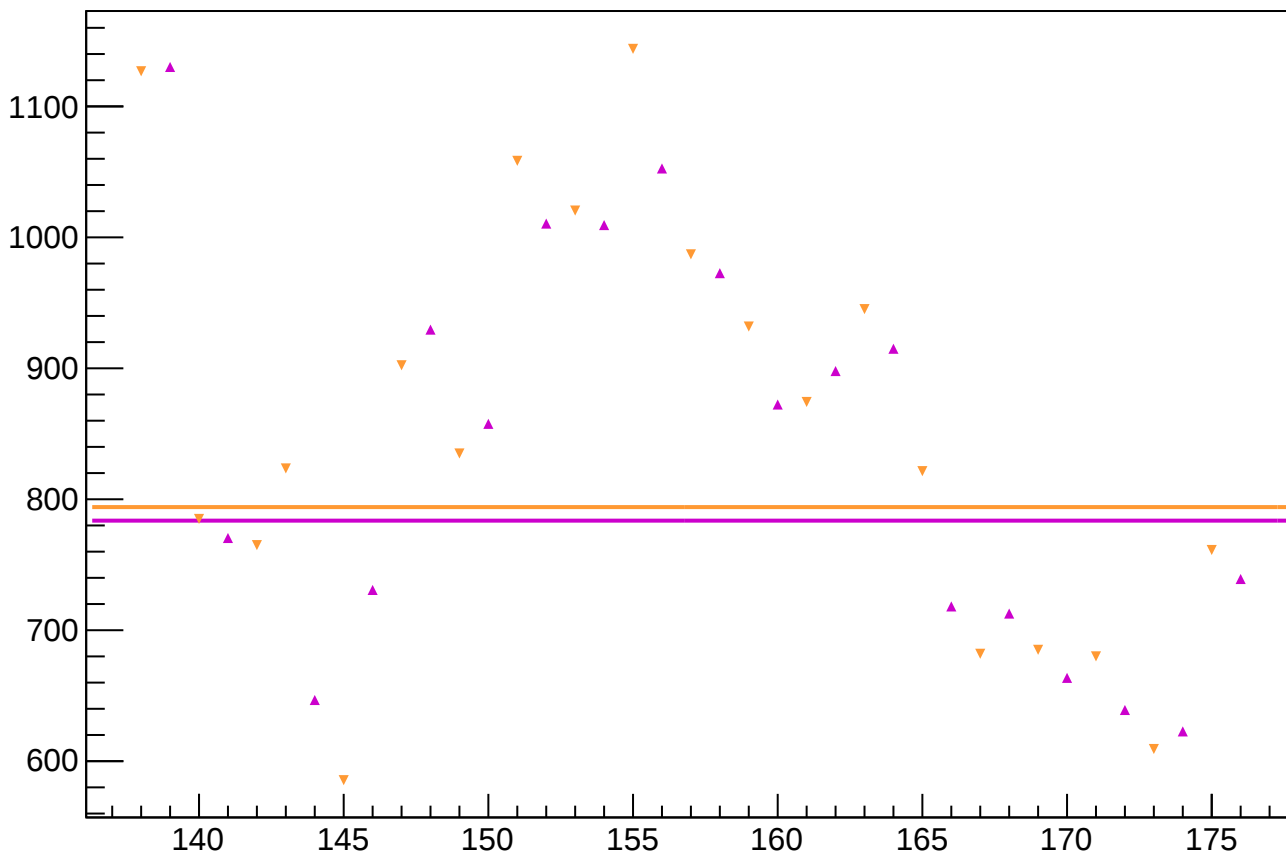
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 225.592 $\pm$ 206.473 χ^2 /NDF:19.1/18

Out: -1111.507 $\pm$ 207.775 χ^2 /NDF:56.0/19

All: -438.756 $\pm$ 146.456 χ^2 /NDF: 95.9/38

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 794.026+/-0.147 χ^2/NDF :1091942.6/19

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

Left In: 783.678+/-0.146 χ^2/NDF :954728.1/18

Left: 788.820+/-0.104 χ^2/NDF : 2049167.0/38

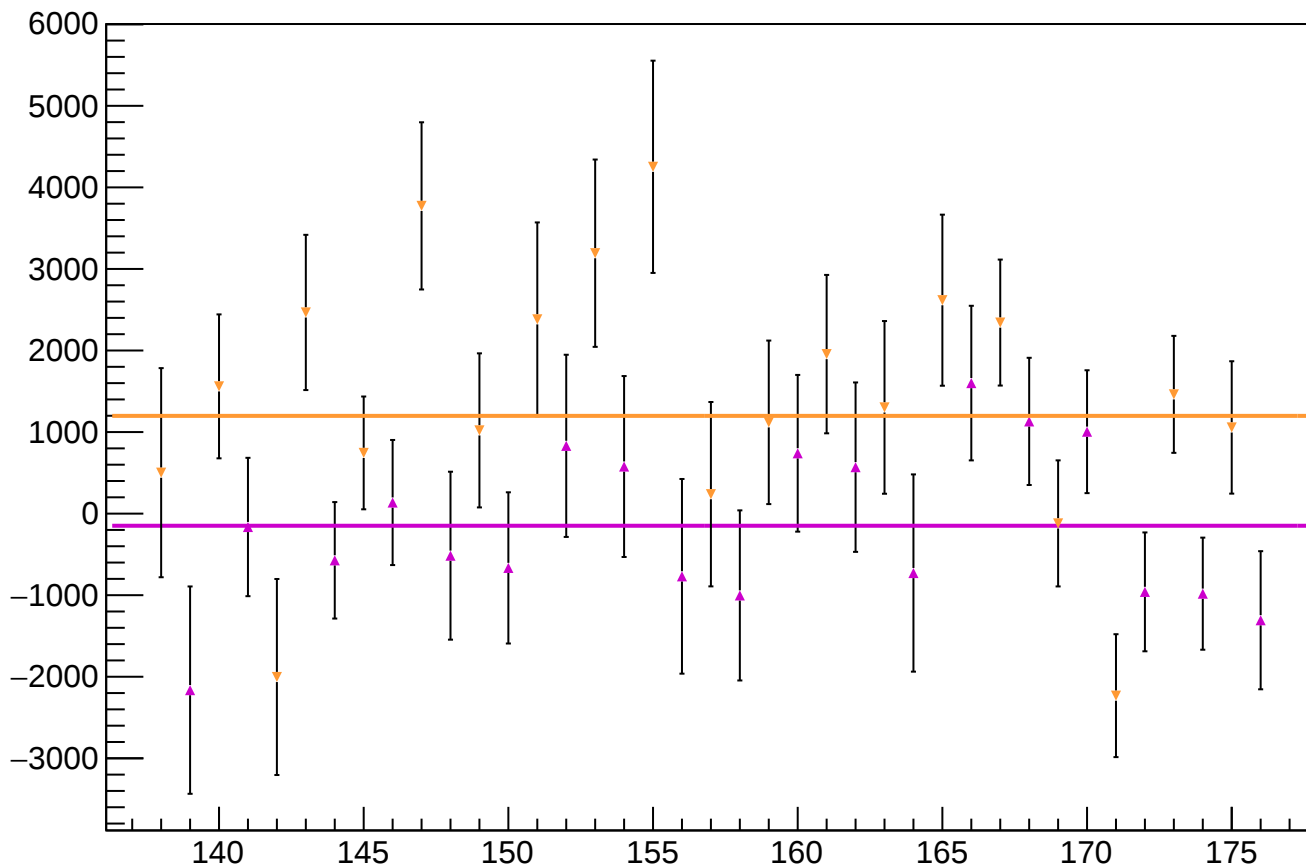
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.678+/-0.146 χ^2/NDF :954728.1/18

Out: 794.026+/-0.147 χ^2/NDF :1091942.6/19

All: 788.820+/-0.104 χ^2/NDF : 2049167.0/38

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1198.565+/-207.950 χ^2/NDF :54.8/19

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

Left In: -148.640+/-205.740 χ^2/NDF :20.2/18

Left: 517.767+/-146.255 χ^2/NDF : 96.2/38

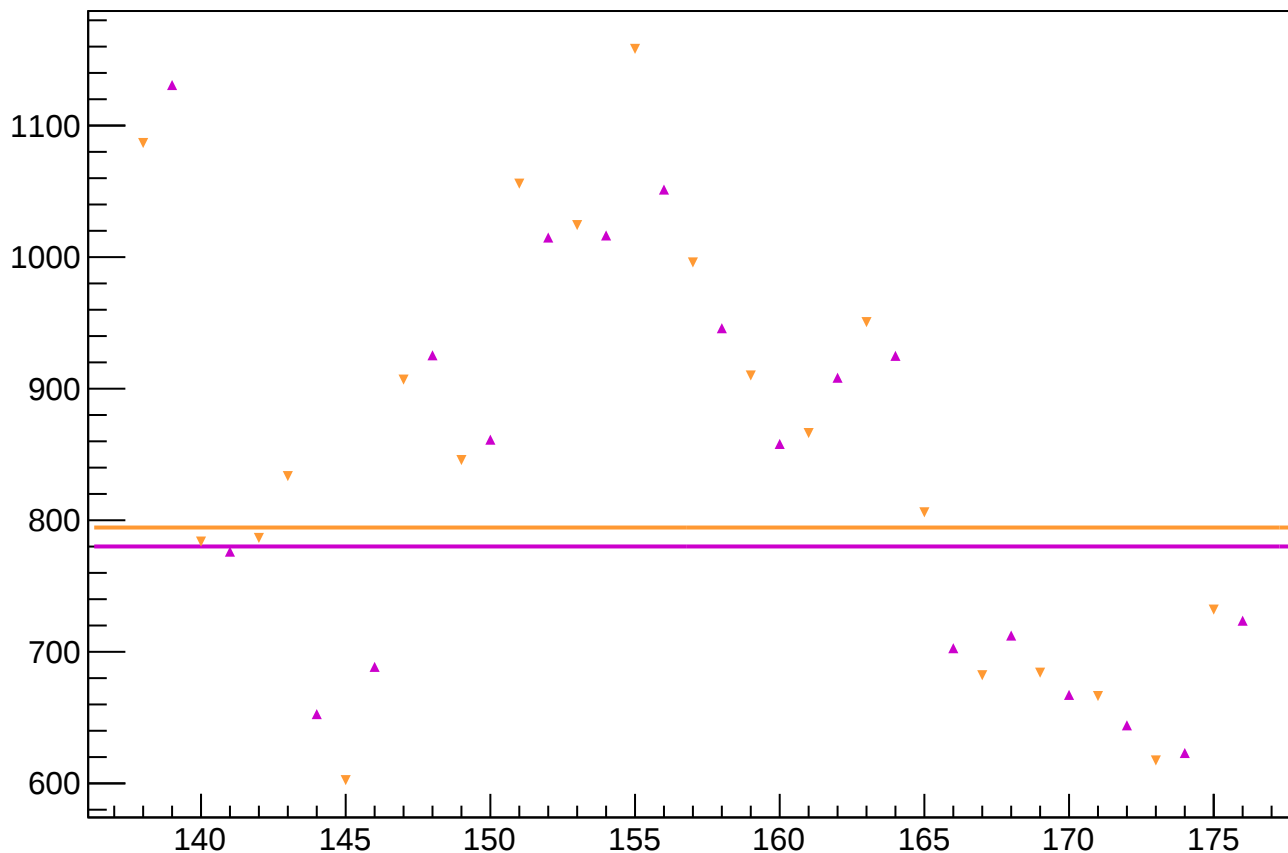
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -148.640+/-205.740 χ^2/NDF :20.2/18

Out: 1198.565+/-207.950 χ^2/NDF :54.8/19

All: 517.767+/-146.255 χ^2/NDF : 96.2/38

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

Left Out: 794.478 ± 0.147 χ^2/NDF : $1044427.5/19$

Right Out: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

Left In: 780.079 ± 0.145 χ^2/NDF : $961329.8/18$

Left: 787.201 ± 0.103 χ^2/NDF : $2010603.0/38$

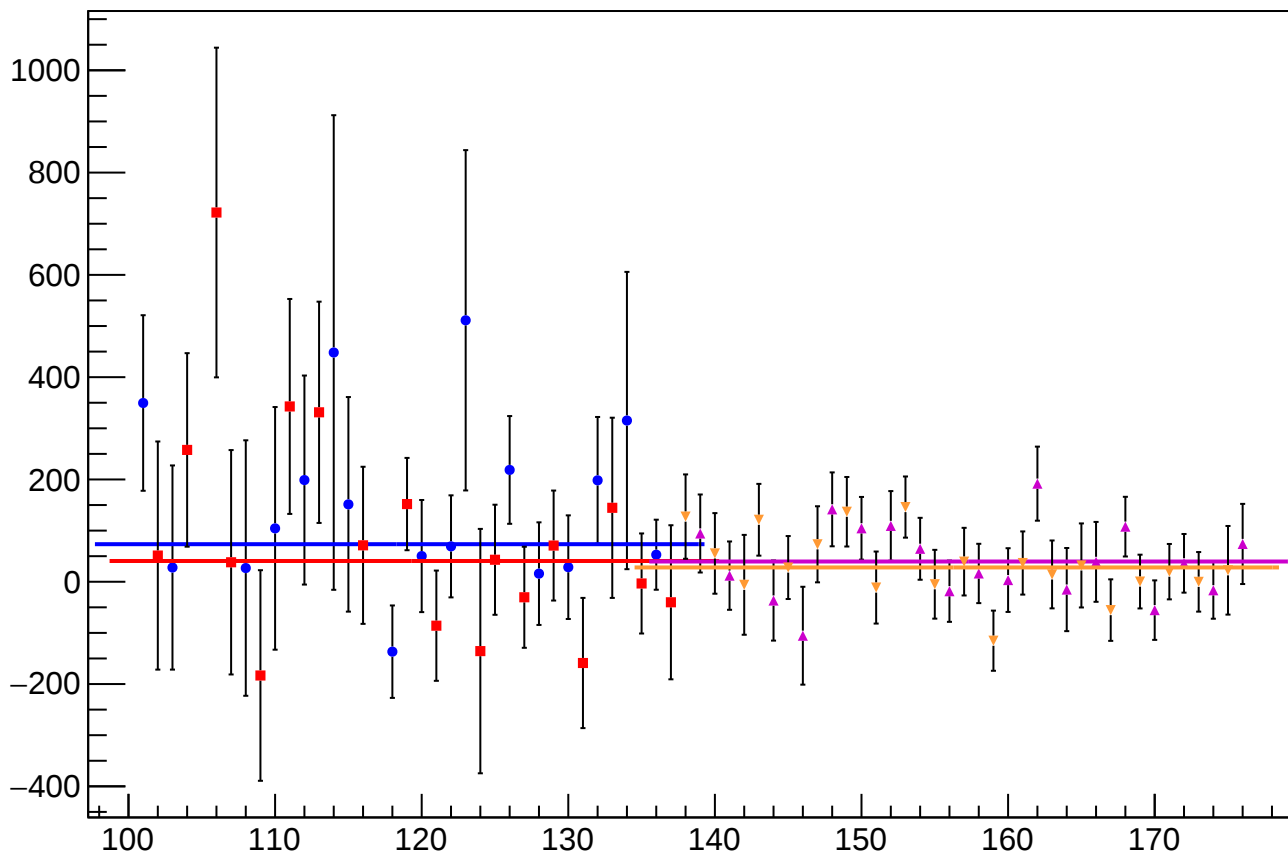
Right: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

In: 780.079 ± 0.145 χ^2/NDF : $961329.8/18$

Out: 794.478 ± 0.147 χ^2/NDF : $1044427.5/19$

All: 787.201 ± 0.103 χ^2/NDF : $2010603.0/38$

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: 27.981 $\pm$ 14.837 χ^2 /NDF:19.3/19

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 39.587 $\pm$ 15.191 χ^2 /NDF:19.8/18

Left: 33.647 $\pm$ 10.614 χ^2 /NDF: 39.5/38

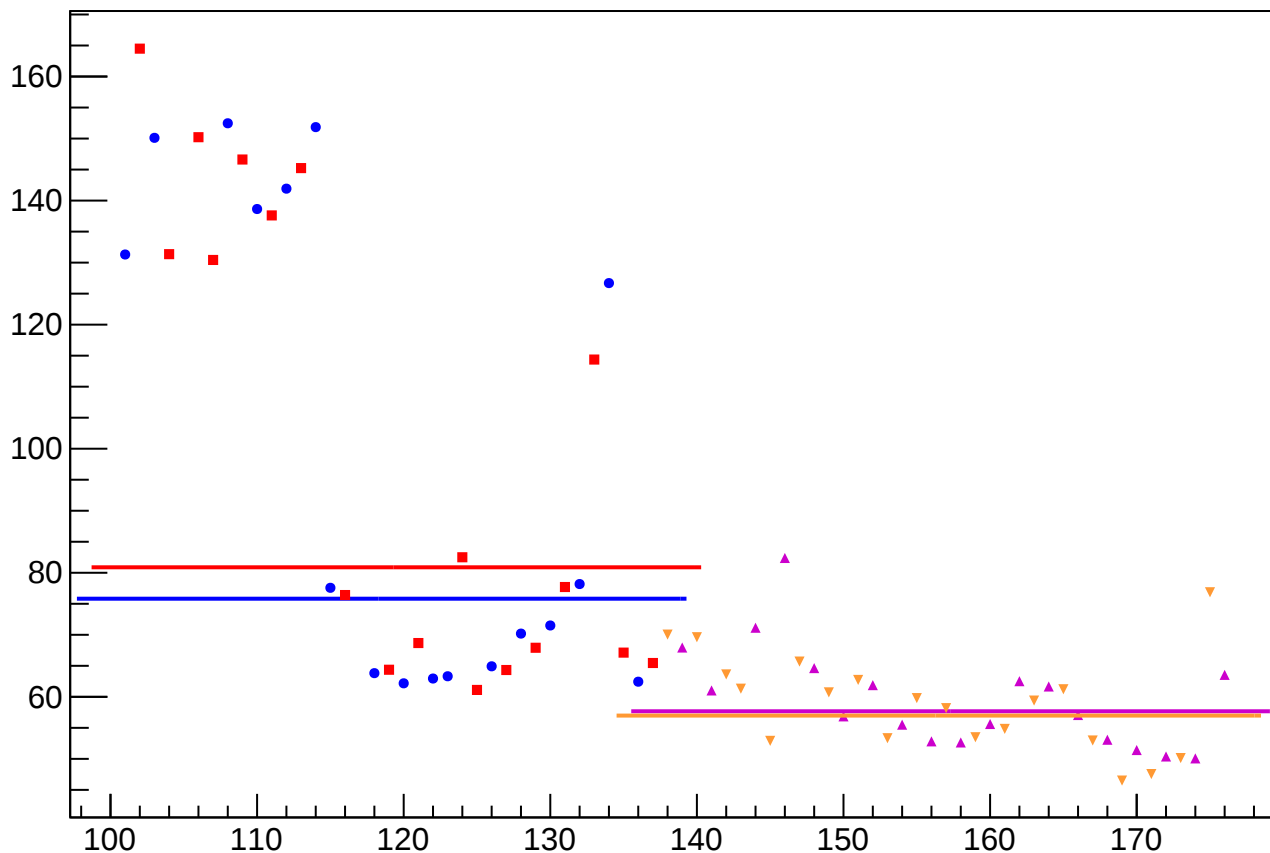
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 46.123 $\pm$ 13.646 χ^2 /NDF:36.1/35

Out: 30.129 $\pm$ 13.515 χ^2 /NDF:37.7/37

All: 38.049 $\pm$ 9.602 χ^2 /NDF: 74.4/73

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: 56.977 $\pm$ 0.010 χ^2 /NDF: 484947.3/19

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 57.672 $\pm$ 0.011 χ^2 /NDF: 423510.9/18

Left: 57.316 $\pm$ 0.008 χ^2 /NDF: 910603.7/38

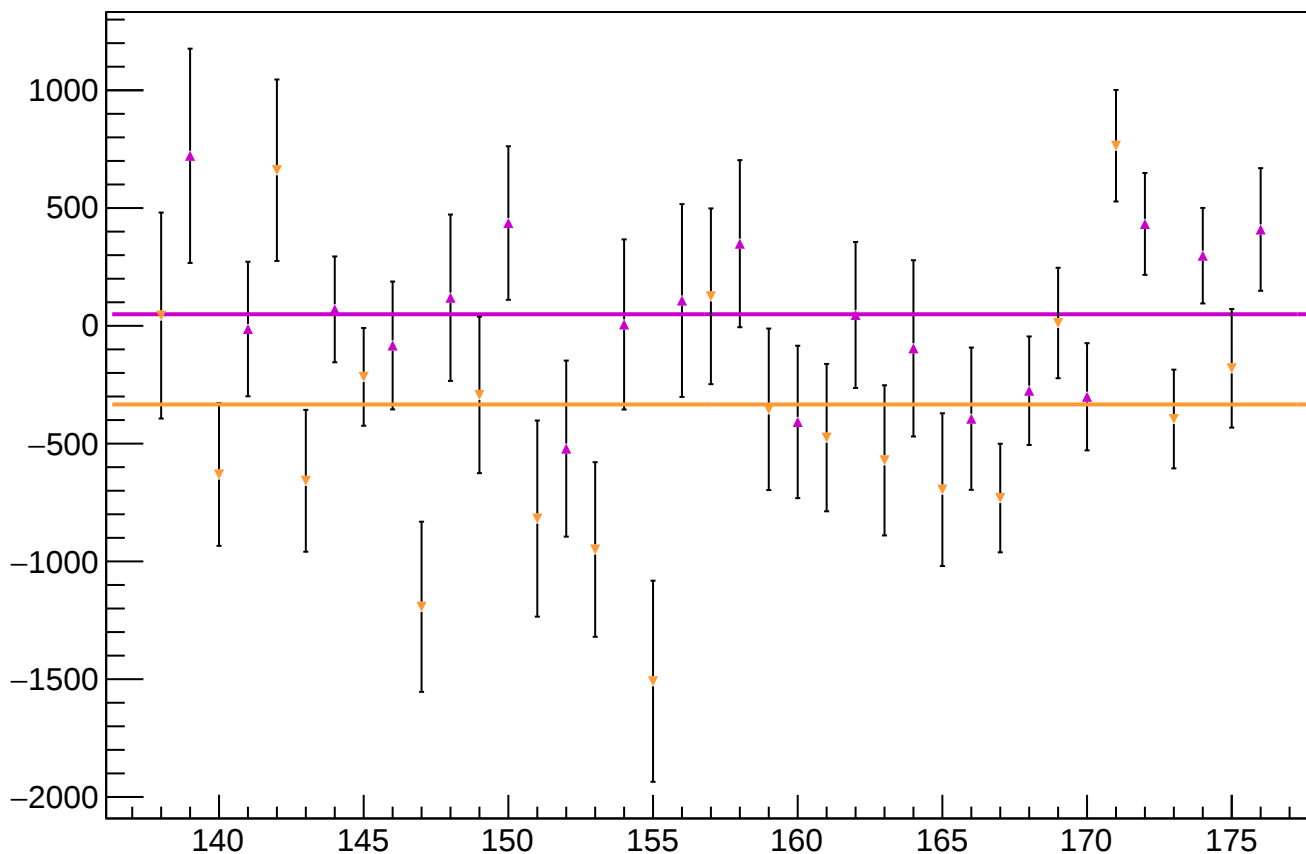
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 61.175 $\pm$ 0.010 χ^2 /NDF: 2324432.9/35

Out: 61.048 $\pm$ 0.010 χ^2 /NDF: 2895324.6/37

All: 61.111 $\pm$ 0.007 χ^2 /NDF: 5219844.2/73

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -333.797 $\pm$ 65.783 χ^2 /NDF:57.9/19

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

Left In: 49.158 $\pm$ 65.456 χ^2 /NDF:22.2/18

Left: -141.366 $\pm$ 46.399 χ^2 /NDF: 97.1/38

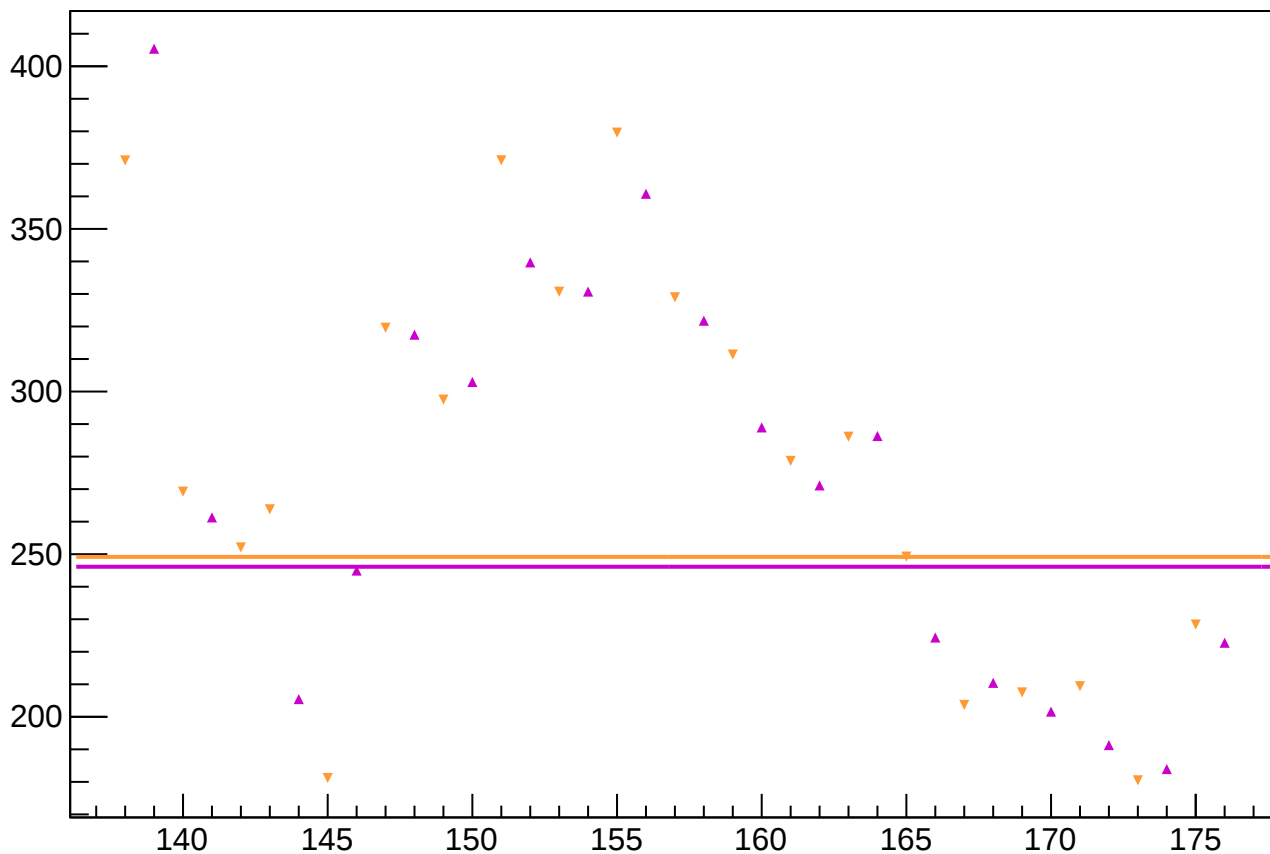
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 49.158 $\pm$ 65.456 χ^2 /NDF:22.2/18

Out: -333.797 $\pm$ 65.783 χ^2 /NDF:57.9/19

All: -141.366 $\pm$ 46.399 χ^2 /NDF: 97.1/38

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 249.169+/-0.047 χ^2/NDF :1585303.6/19

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

Left In: 246.139+/-0.046 χ^2/NDF :1481305.6/18

Left: 247.646+/-0.033 χ^2/NDF : 3068741.8/38

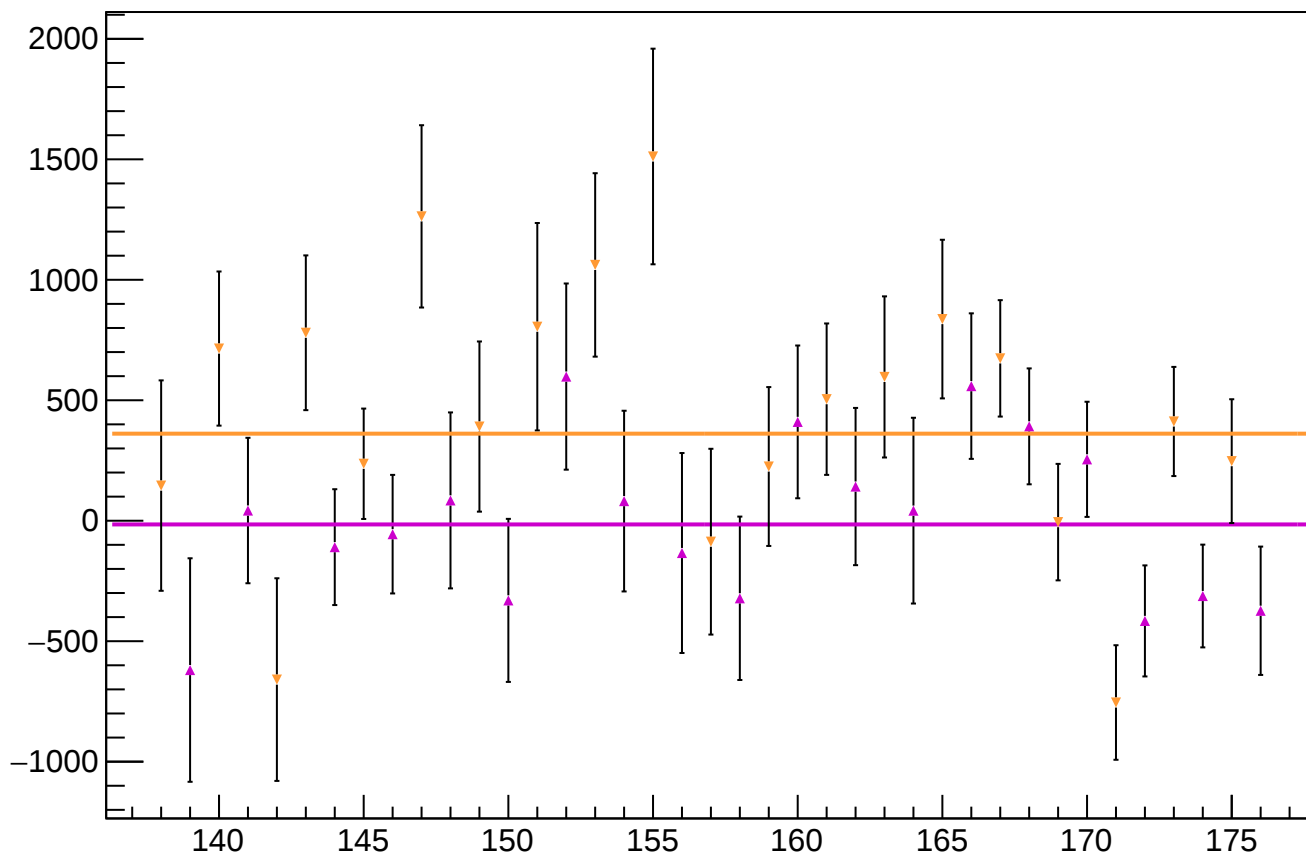
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.139+/-0.046 χ^2/NDF :1481305.6/18

Out: 249.169+/-0.047 χ^2/NDF :1585303.6/19

All: 247.646+/-0.033 χ^2/NDF : 3068741.8/38

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 361.354+/-68.597 χ^2/NDF :56.7/19

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

Left In: -15.372+/-67.307 χ^2/NDF :22.9/18

Left: 169.417+/-48.043 χ^2/NDF : 95.0/38

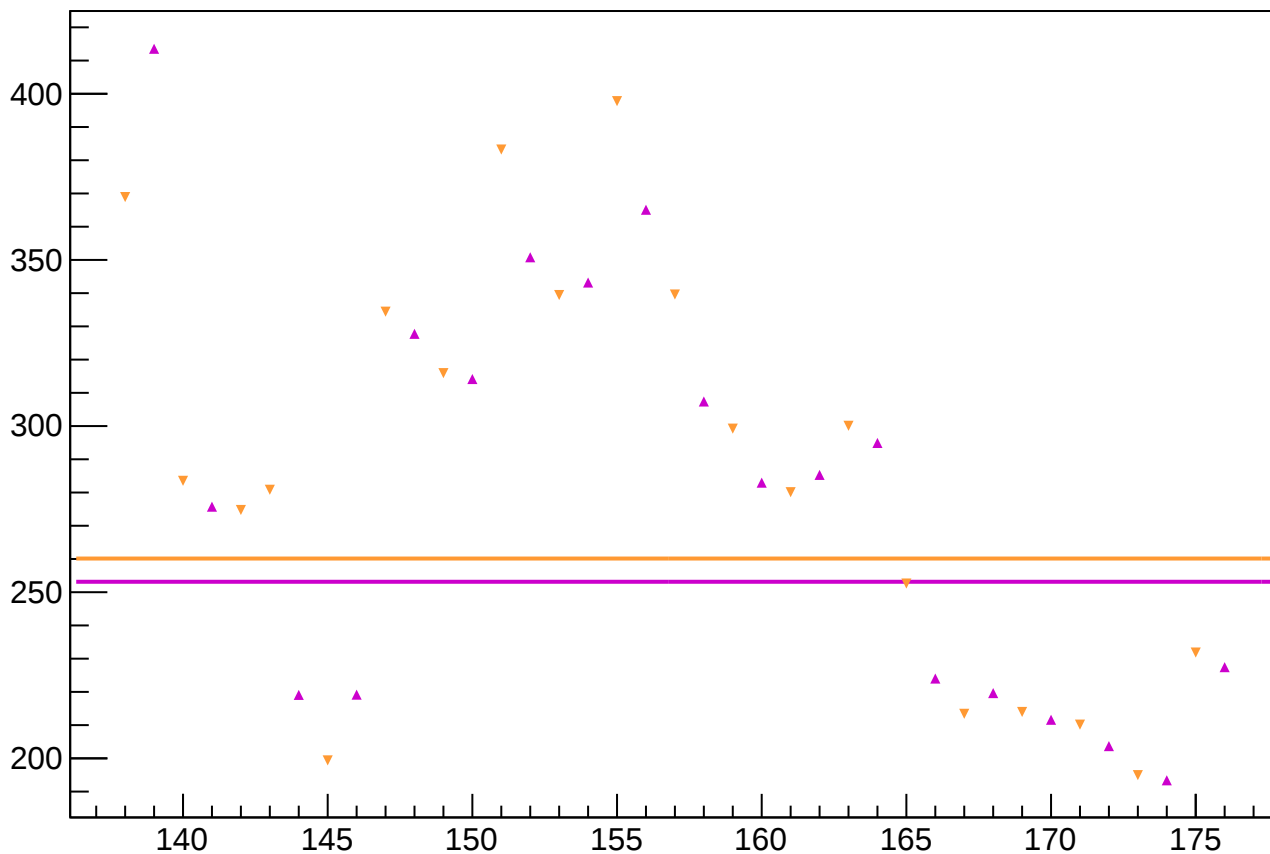
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.372+/-67.307 χ^2/NDF :22.9/18

Out: 361.354+/-68.597 χ^2/NDF :56.7/19

All: 169.417+/-48.043 χ^2/NDF : 95.0/38

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 260.134+/-0.049 χ^2/NDF :1429534.4/19

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

Left In: 253.142+/-0.048 χ^2/NDF :1363252.1/18

Left: 256.571+/-0.034 χ^2/NDF : 2803372.0/38

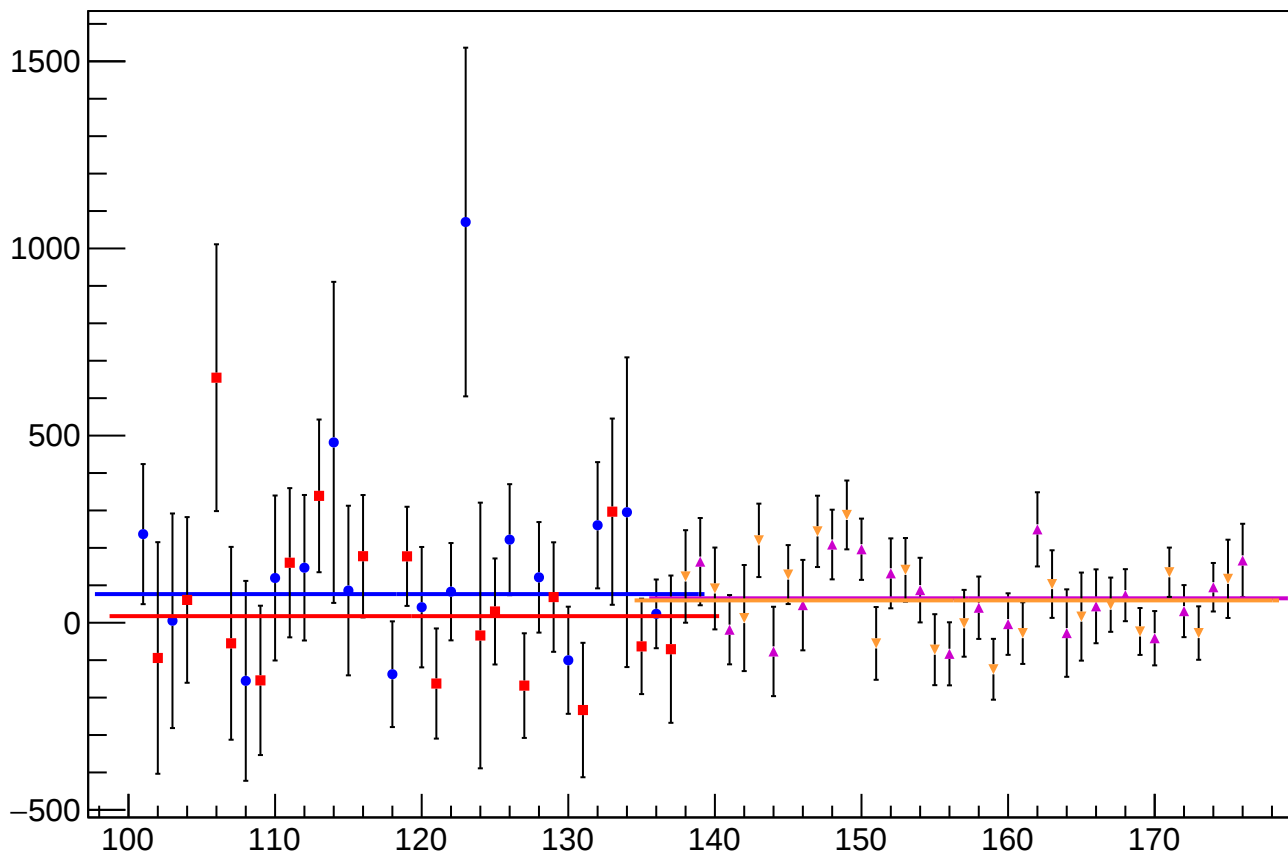
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.142+/-0.048 χ^2/NDF :1363252.1/18

Out: 260.134+/-0.049 χ^2/NDF :1429534.4/19

All: 256.571+/-0.034 χ^2/NDF : 2803372.0/38

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: 59.700 $\pm$ 19.500 χ^2 /NDF:30.0/19

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 65.259 $\pm$ 20.006 χ^2 /NDF:20.2/18

Left: 62.408 $\pm$ 13.964 χ^2 /NDF: 50.3/38

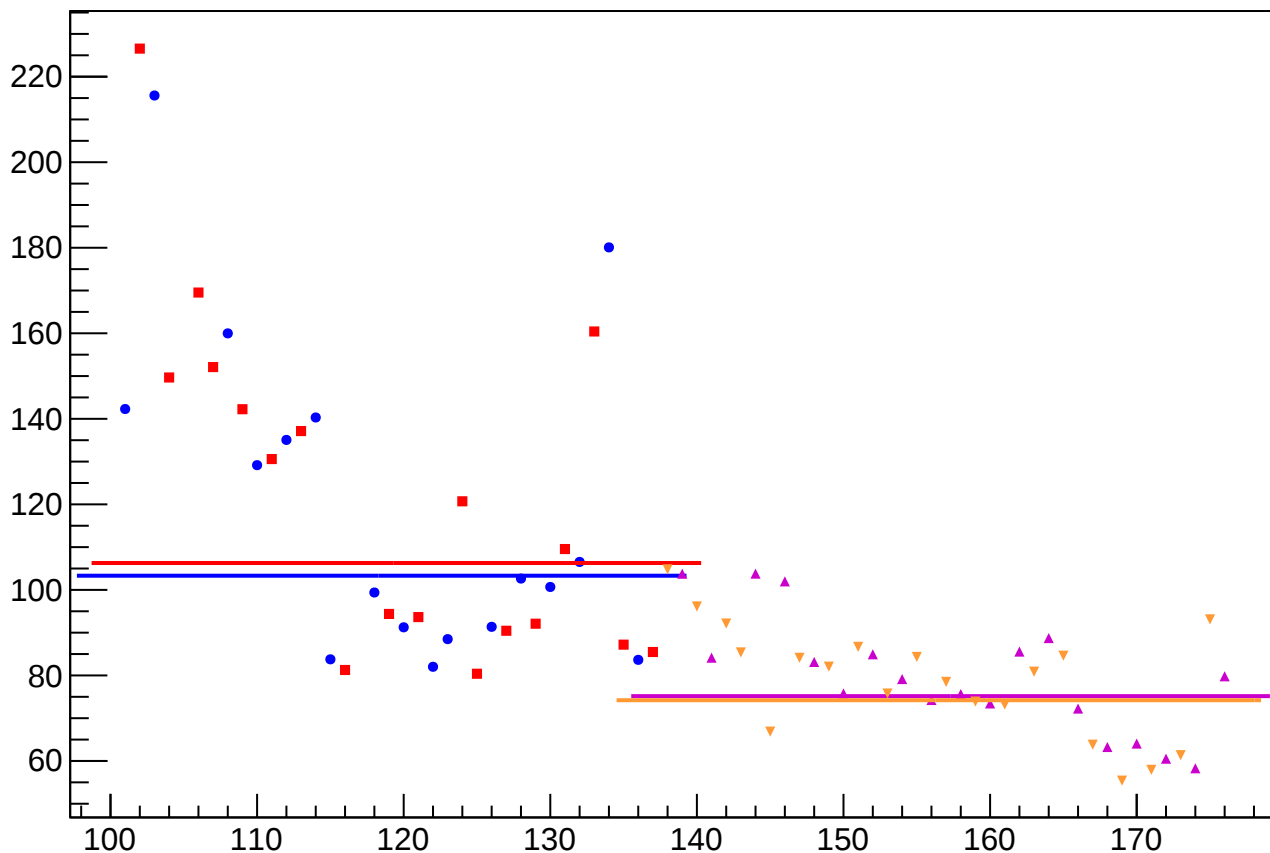
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 67.374 $\pm$ 18.026 χ^2 /NDF:34.2/35

Out: 52.321 $\pm$ 17.709 χ^2 /NDF:47.7/37

All: 59.714 $\pm$ 12.633 χ^2 /NDF: 82.2/73

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 74.204+/-0.014 χ^2/NDF : 876026.7/19

Right Out: 106.289+/-0.030 χ^2/NDF : 1000708.3/17

Left In: 75.160+/-0.014 χ^2/NDF : 779993.3/18

Left: 74.670+/-0.010 χ^2/NDF : 1658365.3/38

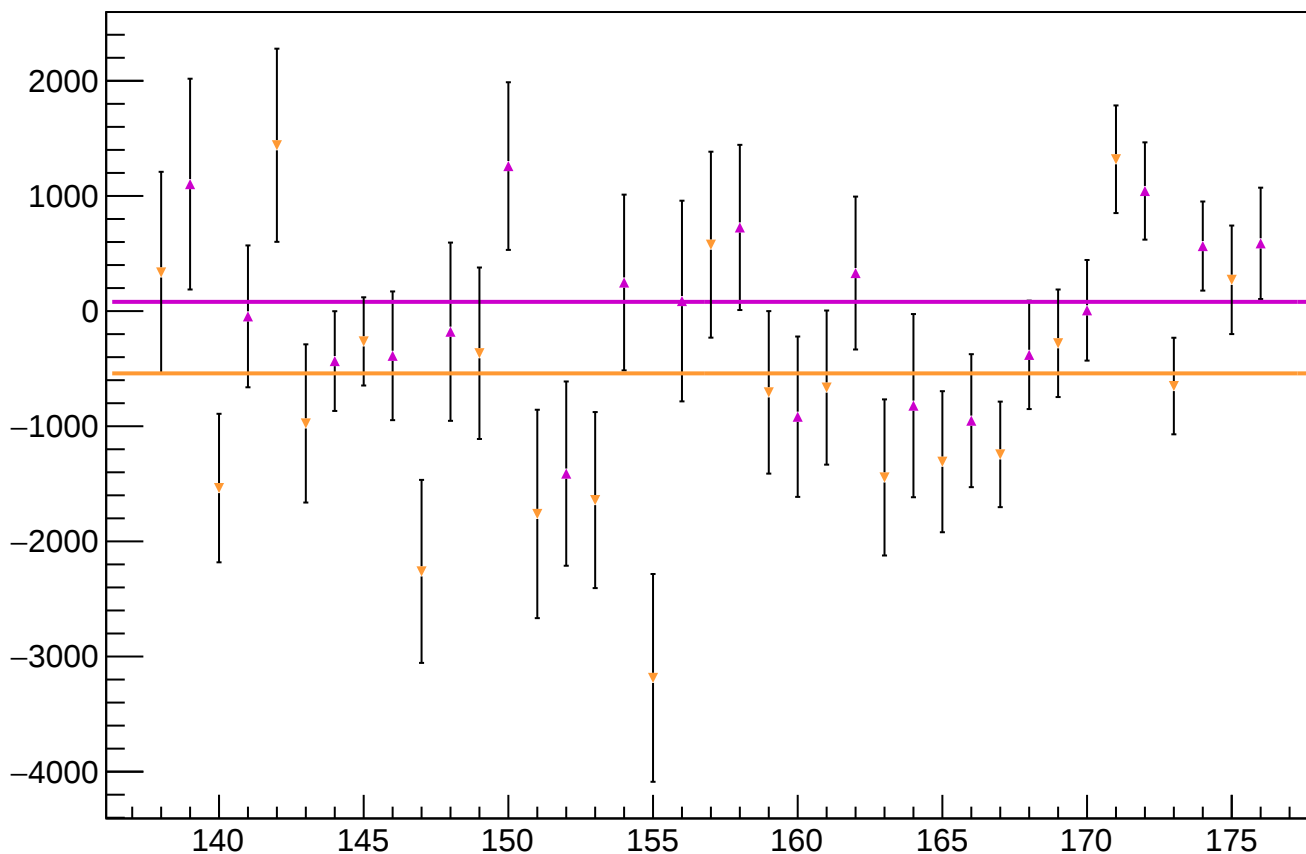
Right: 104.777+/-0.021 χ^2/NDF : 1843531.0/34

In: 80.458+/-0.013 χ^2/NDF : 2363205.1/35

Out: 79.828+/-0.013 χ^2/NDF : 2825841.6/37

All: 80.137+/-0.009 χ^2/NDF : 5190290.3/73

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -540.886+/-133.223 χ^2/NDF :54.0/19

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

Left In: 80.284+/-131.680 χ^2/NDF :26.0/18

Left: -226.682+/-93.653 χ^2/NDF : 91.0/38

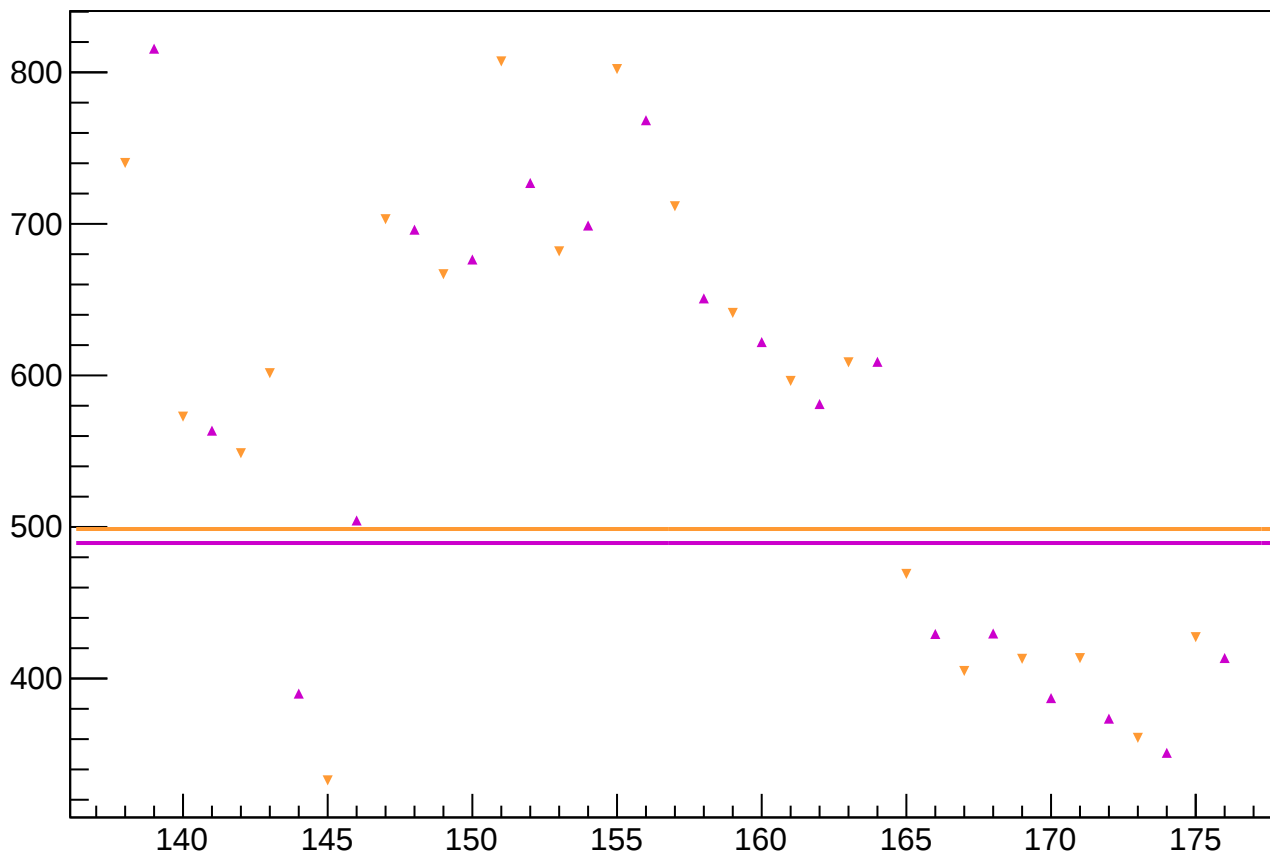
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 80.284+/-131.680 χ^2/NDF :26.0/18

Out: -540.886+/-133.223 χ^2/NDF :54.0/19

All: -226.682+/-93.653 χ^2/NDF : 91.0/38

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 498.658+/-0.094 χ^2/NDF :2213961.6/19

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

Left In: 489.409+/-0.093 χ^2/NDF :2072874.7/18

Left: 493.980+/-0.066 χ^2/NDF : 4291712.5/38

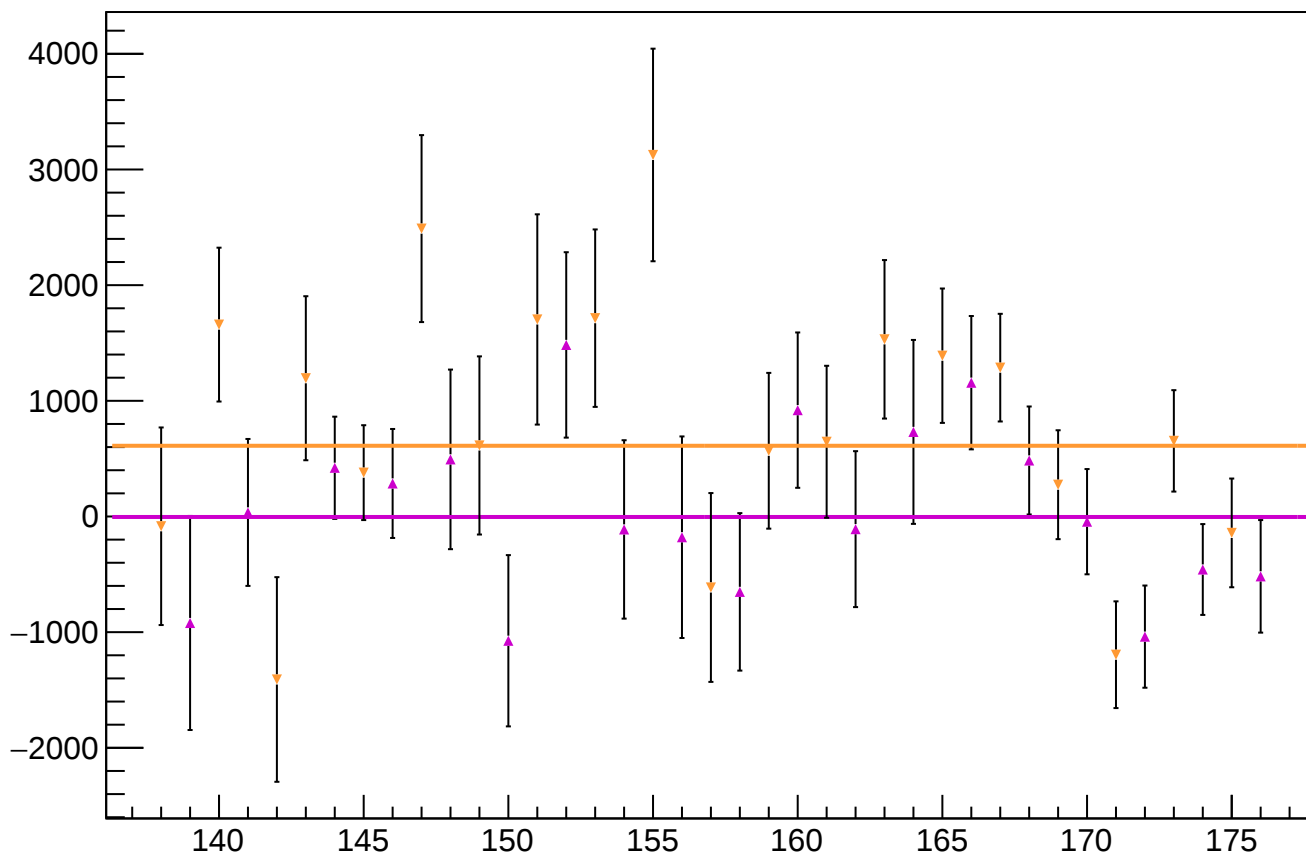
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.409+/-0.093 χ^2/NDF :2072874.7/18

Out: 498.658+/-0.094 χ^2/NDF :2213961.6/19

All: 493.980+/-0.066 χ^2/NDF : 4291712.5/38

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 611.445 $\pm$ 135.045 χ^2 /NDF:52.1/19

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

Left In: -4.182 $\pm$ 131.603 χ^2 /NDF:25.1/18

Left: 295.685 $\pm$ 94.251 χ^2 /NDF: 87.9/38

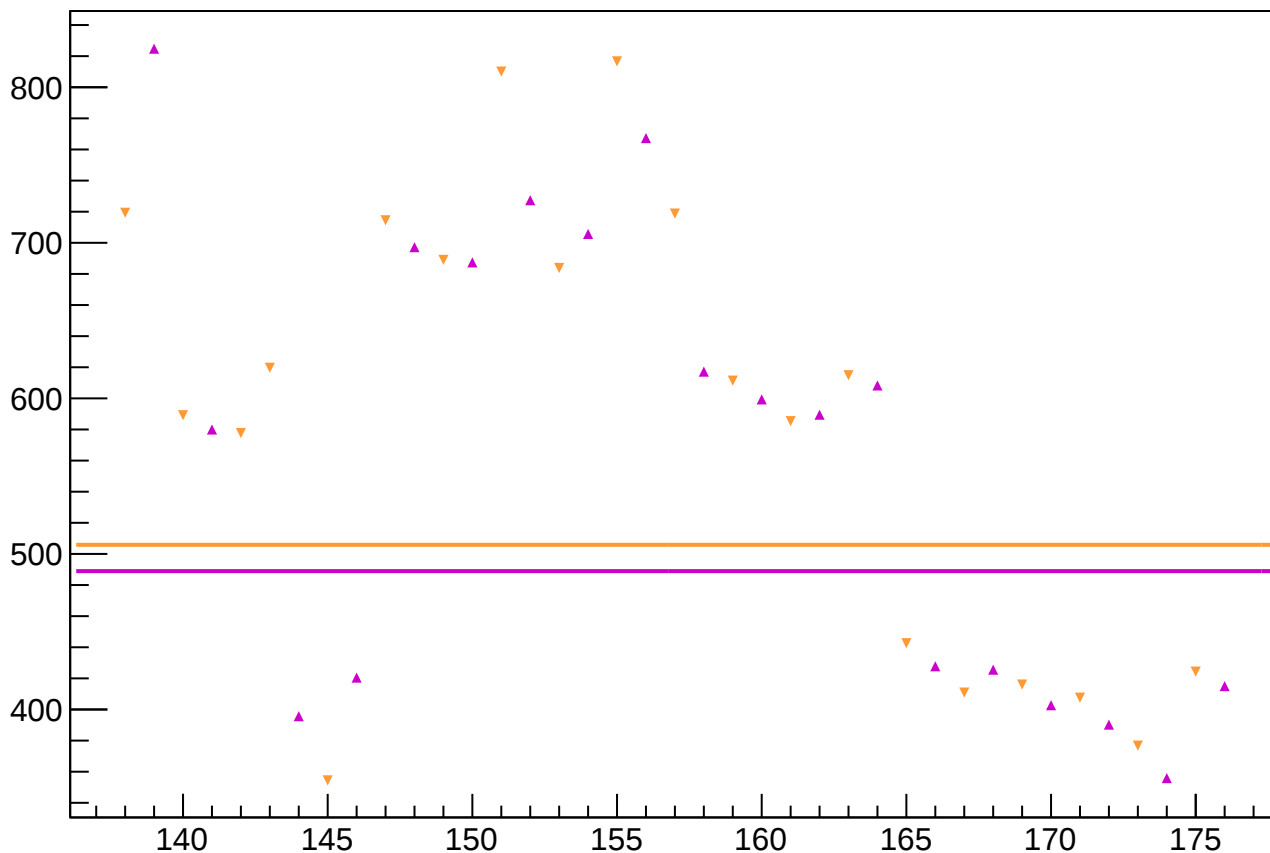
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.182 $\pm$ 131.603 χ^2 /NDF:25.1/18

Out: 611.445 $\pm$ 135.045 χ^2 /NDF:52.1/19

All: 295.685 $\pm$ 94.251 χ^2 /NDF: 87.9/38

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 505.868+/-0.095 χ^2/NDF :2069884.9/19

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

Left In: 488.957+/-0.093 χ^2/NDF :1984231.6/18

Left: 497.194+/-0.067 χ^2/NDF : 4070202.2/38

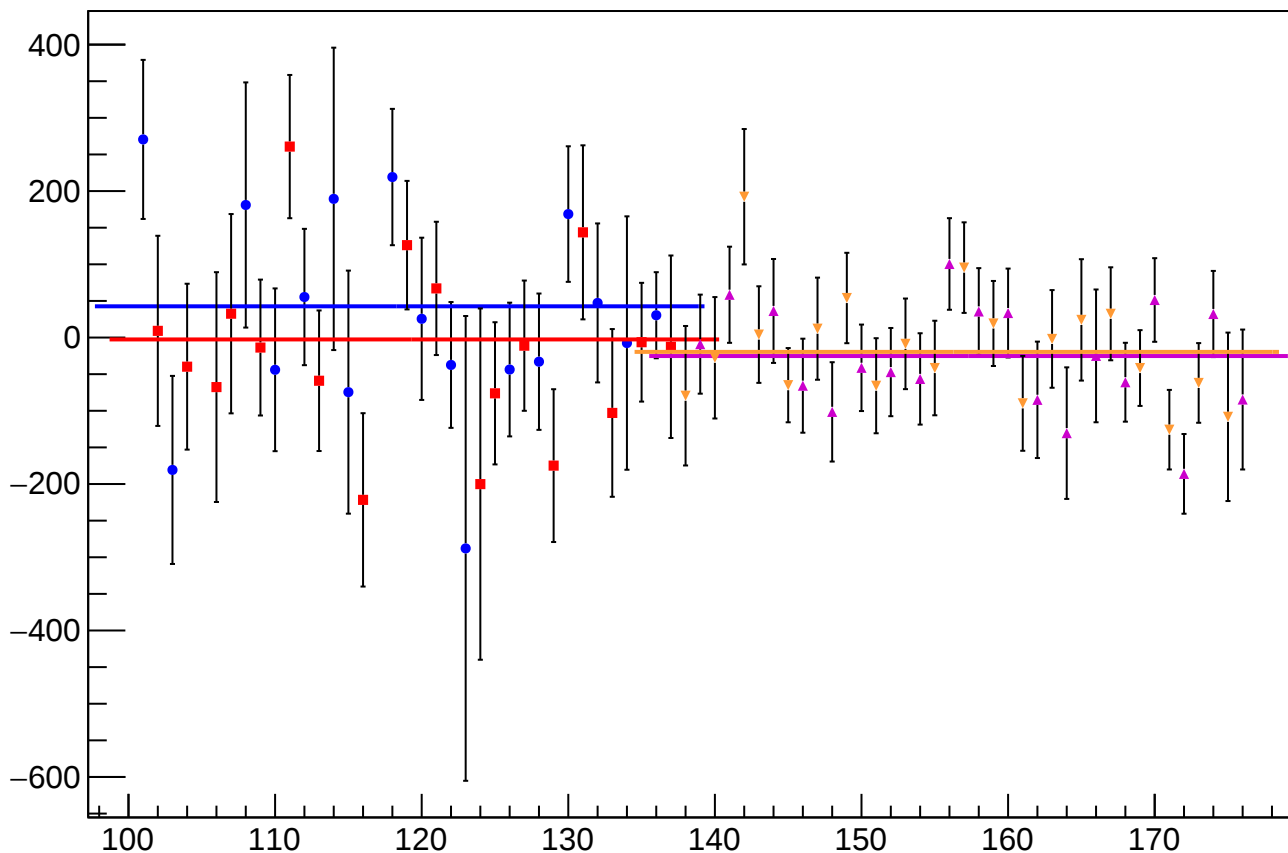
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 488.957+/-0.093 χ^2/NDF :1984231.6/18

Out: 505.868+/-0.095 χ^2/NDF :2069884.9/19

All: 497.194+/-0.067 χ^2/NDF : 4070202.2/38

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 $\chi^2/\text{NDF}: 18.9/16$

Left Out: -19.564 ± 14.525 $\chi^2/\text{NDF}: 20.2/19$

Right Out: -2.576 ± 25.088 $\chi^2/\text{NDF}: 20.4/17$

Left In: -25.243 ± 14.851 $\chi^2/\text{NDF}: 24.9/18$

Left: -22.340 ± 10.384 $\chi^2/\text{NDF}: 45.1/38$

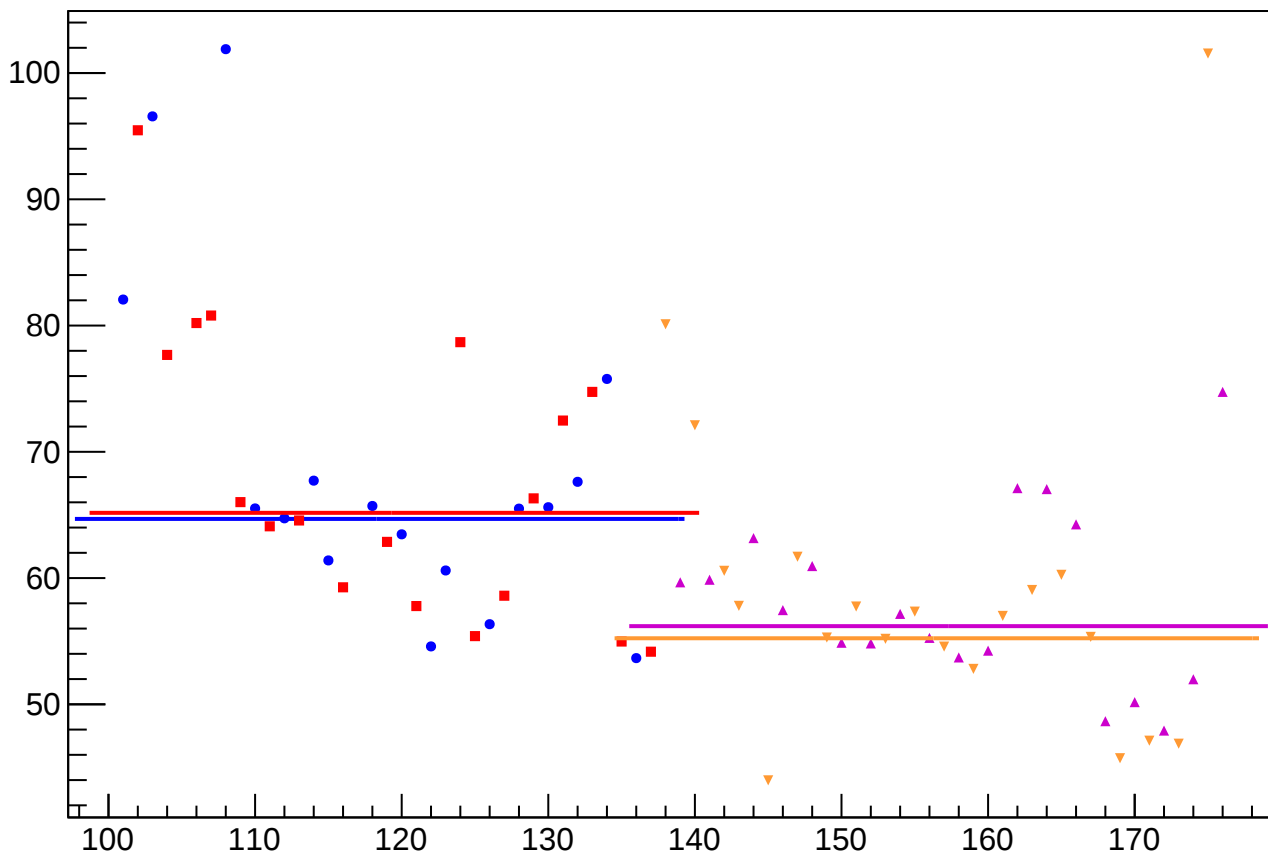
Right: 19.683 ± 17.879 $\chi^2/\text{NDF}: 40.9/34$

In: -8.032 ± 12.831 $\chi^2/\text{NDF}: 49.0/35$

Out: -15.299 ± 12.570 $\chi^2/\text{NDF}: 40.9/37$

All: -11.740 ± 8.979 $\chi^2/\text{NDF}: 90.1/73$

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: 55.232 $\pm$ 0.010 χ^2 /NDF: 852509.9/19

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 56.193 $\pm$ 0.011 χ^2 /NDF: 326062.2/18

Left: 55.702 $\pm$ 0.007 χ^2 /NDF: 1182847.0/38

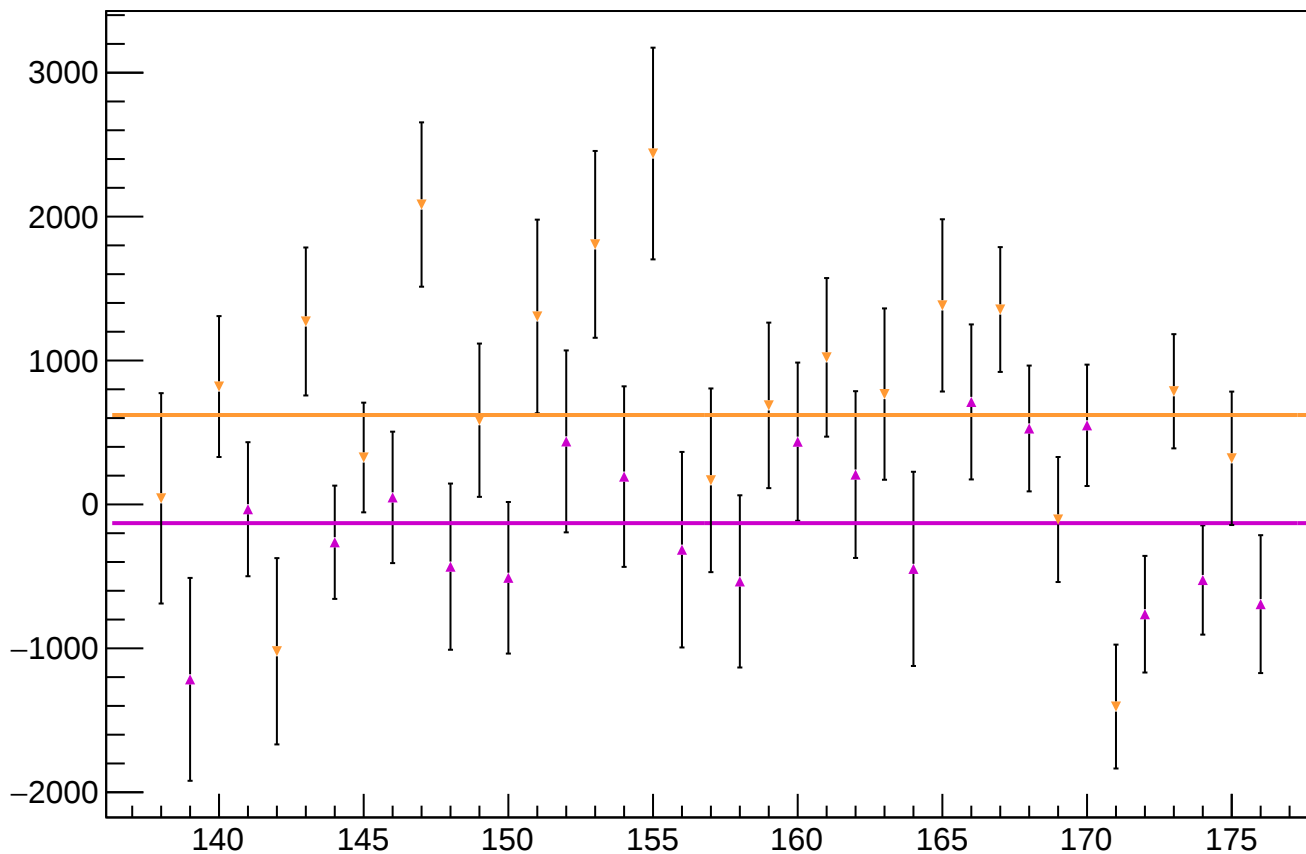
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 58.345 $\pm$ 0.009 χ^2 /NDF: 892051.5/35

Out: 57.726 $\pm$ 0.009 χ^2 /NDF: 1392000.9/37

All: 58.029 $\pm$ 0.006 χ^2 /NDF: 2286427.7/73

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 621.340+/-116.621 χ^2/NDF :57.6/19

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

Left In: -129.985+/-115.735 χ^2/NDF :18.9/18

Left: 242.815+/-82.148 χ^2/NDF : 97.4/38

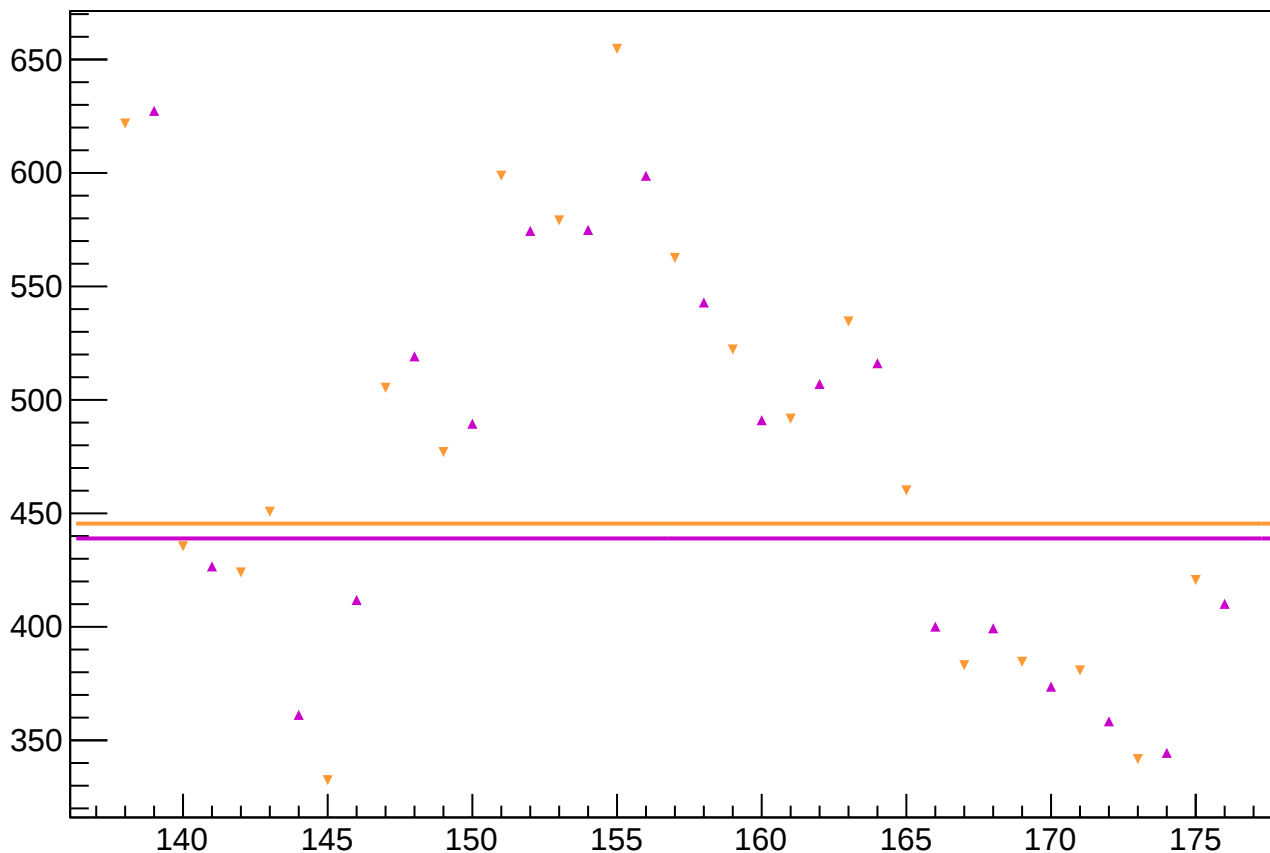
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -129.985+/-115.735 χ^2/NDF :18.9/18

Out: 621.340+/-116.621 χ^2/NDF :57.6/19

All: 242.815+/-82.148 χ^2/NDF : 97.4/38

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: 445.511+/-0.082 χ^2/NDF :1106243.0/19

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

Left In: 438.952+/-0.082 χ^2/NDF :1000054.7/18

Left: 442.207+/-0.058 χ^2/NDF : 2109484.6/38

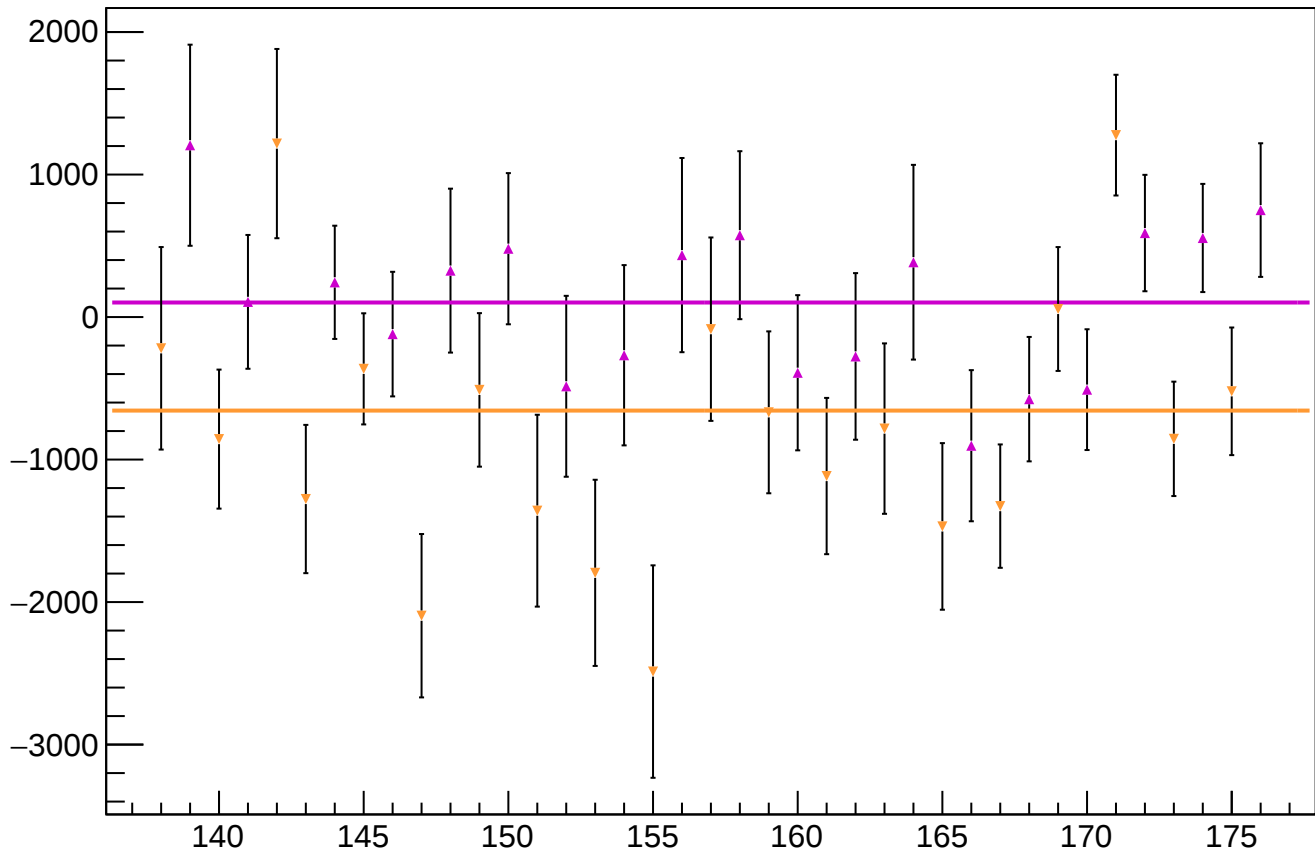
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.952+/-0.082 χ^2/NDF :1000054.7/18

Out: 445.511+/-0.082 χ^2/NDF :1106243.0/19

All: 442.207+/-0.058 χ^2/NDF : 2109484.6/38

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -656.247+/-116.622 χ^2/NDF :56.8/19

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

Left In: 102.093+/-115.467 χ^2/NDF :19.8/18

Left: -273.303+/-82.053 χ^2/NDF : 97.9/38

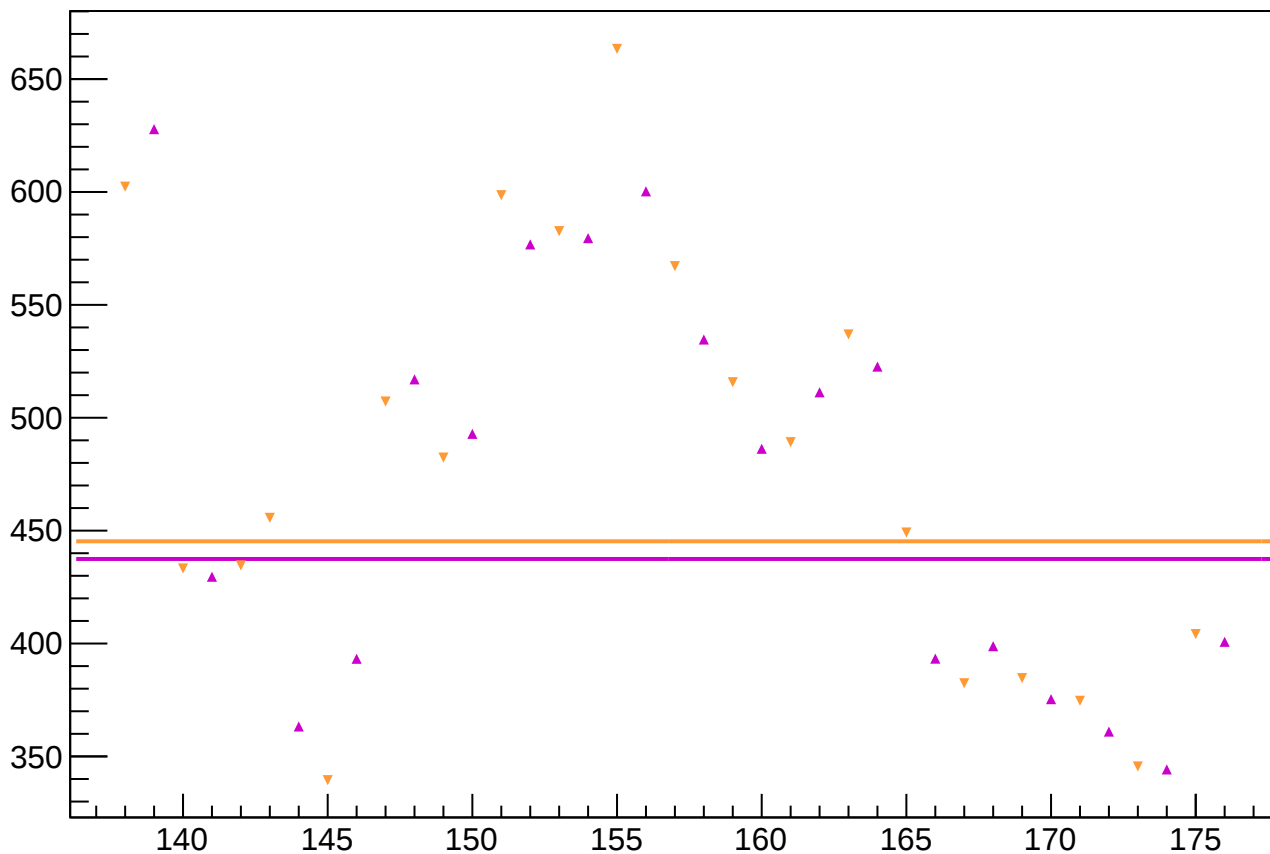
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 102.093+/-115.467 χ^2/NDF :19.8/18

Out: -656.247+/-116.622 χ^2/NDF :56.8/19

All: -273.303+/-82.053 χ^2/NDF : 97.9/38

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 445.276+/-0.082 χ^2/NDF :1083149.5/19

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

Left In: 437.451+/-0.082 χ^2/NDF :1016928.1/18

Left: 441.325+/-0.058 χ^2/NDF : 2104624.0/38

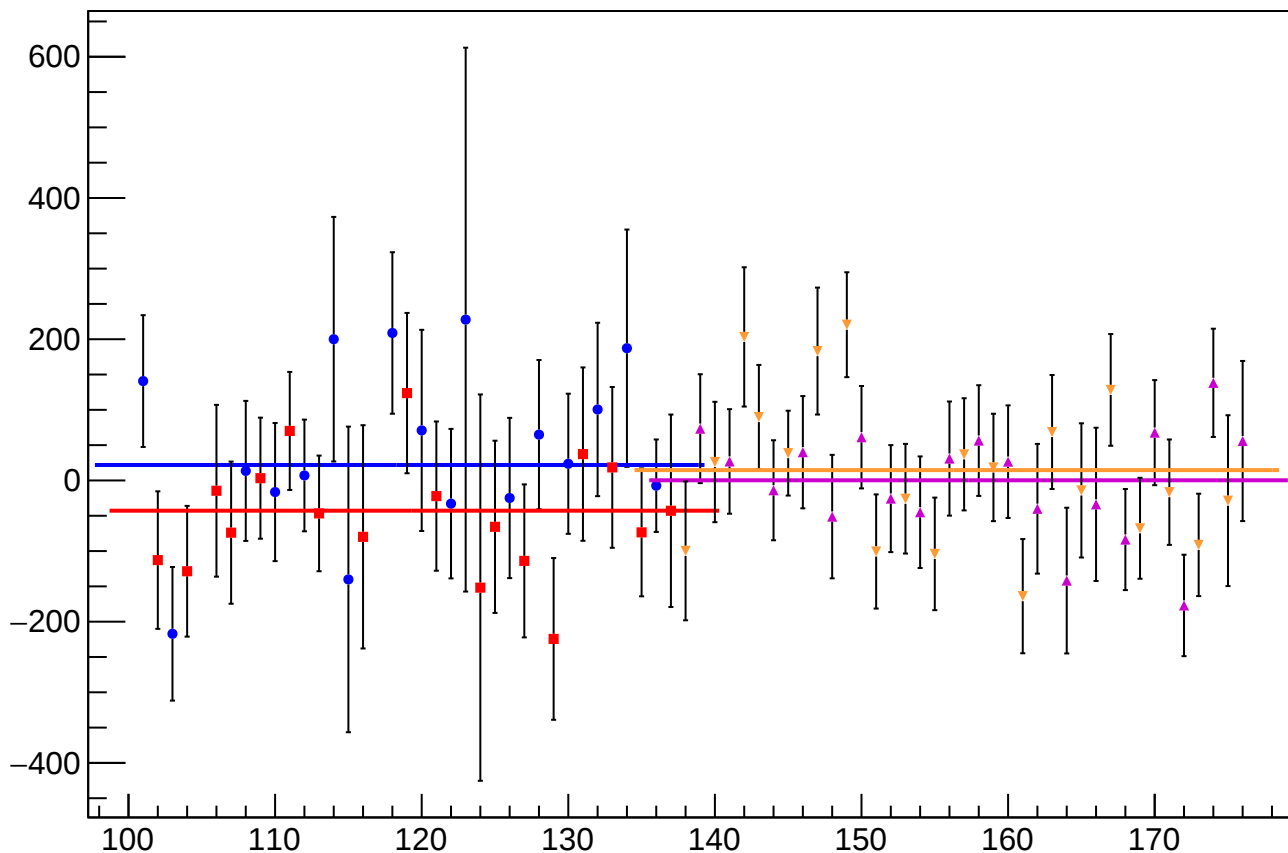
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 437.451+/-0.082 χ^2/NDF :1016928.1/18

Out: 445.276+/-0.082 χ^2/NDF :1083149.5/19

All: 441.325+/-0.058 χ^2/NDF : 2104624.0/38

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 14.669 ± 17.880 $\chi^2/\text{NDF}: 33.3/19$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 0.235 ± 18.406 $\chi^2/\text{NDF}: 17.5/18$

Left: 7.661 ± 12.825 $\chi^2/\text{NDF}: 51.1/38$

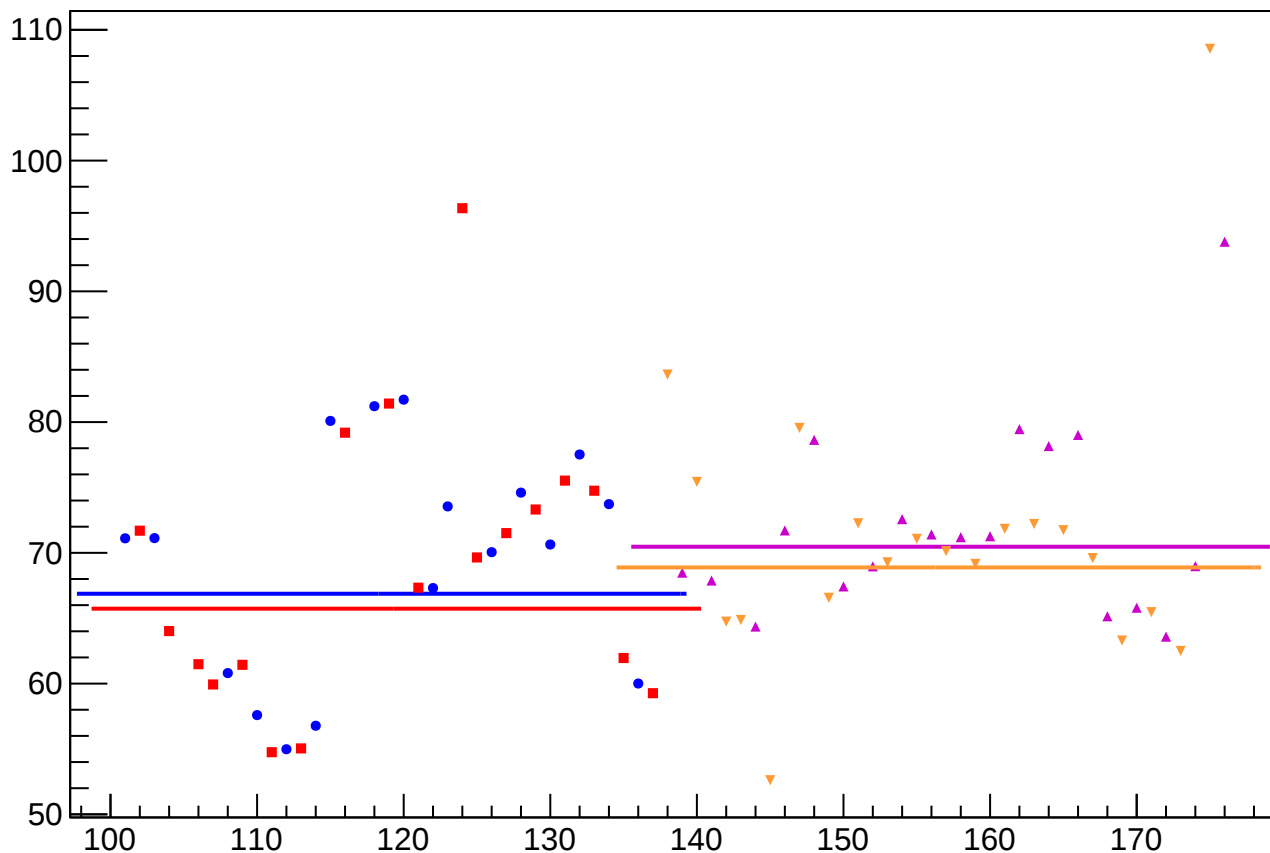
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 7.450 ± 15.033 $\chi^2/\text{NDF}: 33.1/35$

Out: -4.666 ± 14.566 $\chi^2/\text{NDF}: 46.6/37$

All: 1.201 ± 10.461 $\chi^2/\text{NDF}: 80.0/73$

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: 68.885 $\pm$ 0.013 χ^2 /NDF: 503689.2/19

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 70.467 $\pm$ 0.013 χ^2 /NDF: 208312.1/18

Left: 69.653 $\pm$ 0.009 χ^2 /NDF: 719602.7/38

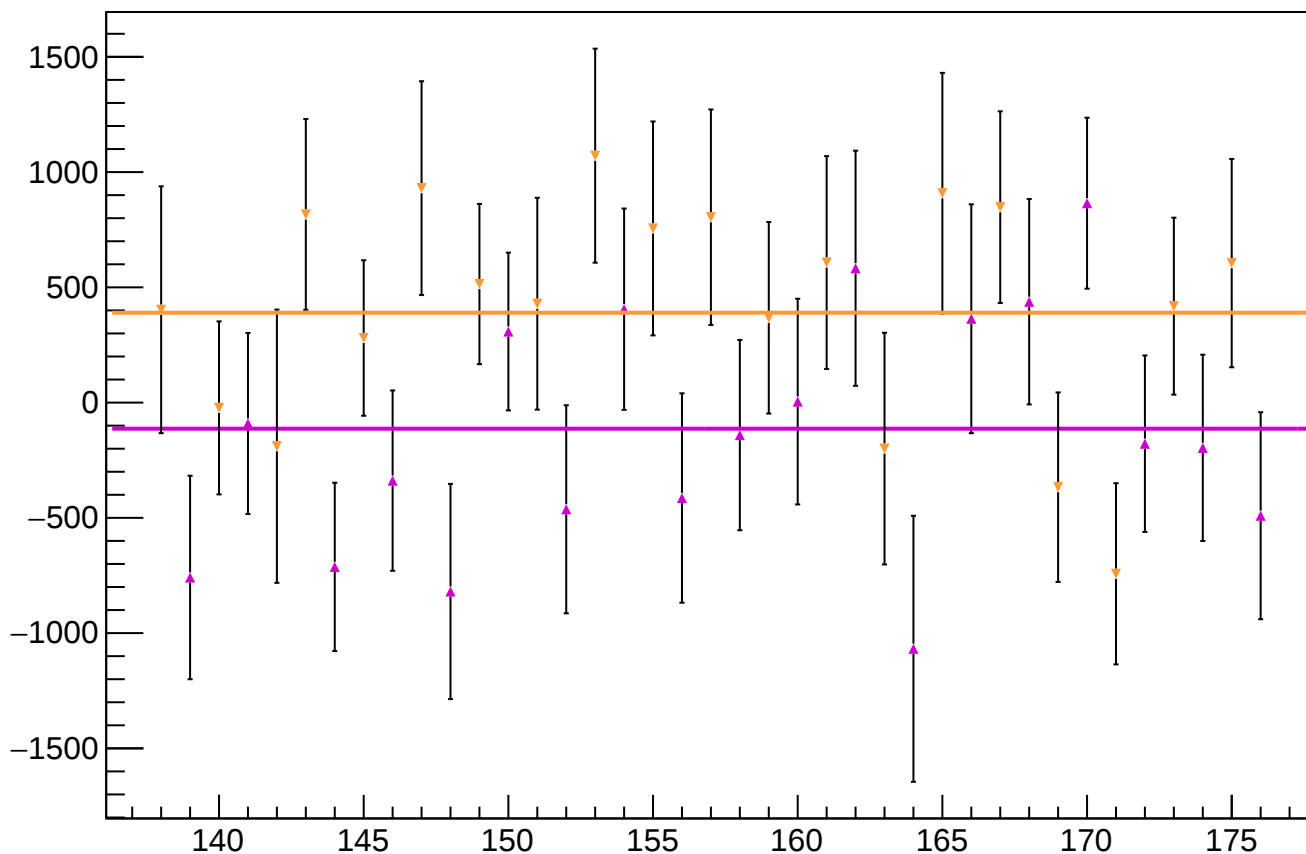
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 69.270 $\pm$ 0.011 χ^2 /NDF: 436222.9/35

Out: 67.824 $\pm$ 0.010 χ^2 /NDF: 743491.1/37

All: 68.524 $\pm$ 0.007 χ^2 /NDF: 1189260.3/73

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: 390.109+/-96.427 χ^2/NDF :24.1/19

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

Left In: -113.194+/-97.221 χ^2/NDF :26.3/18

Left: 140.520+/-68.463 χ^2/NDF : 63.9/38

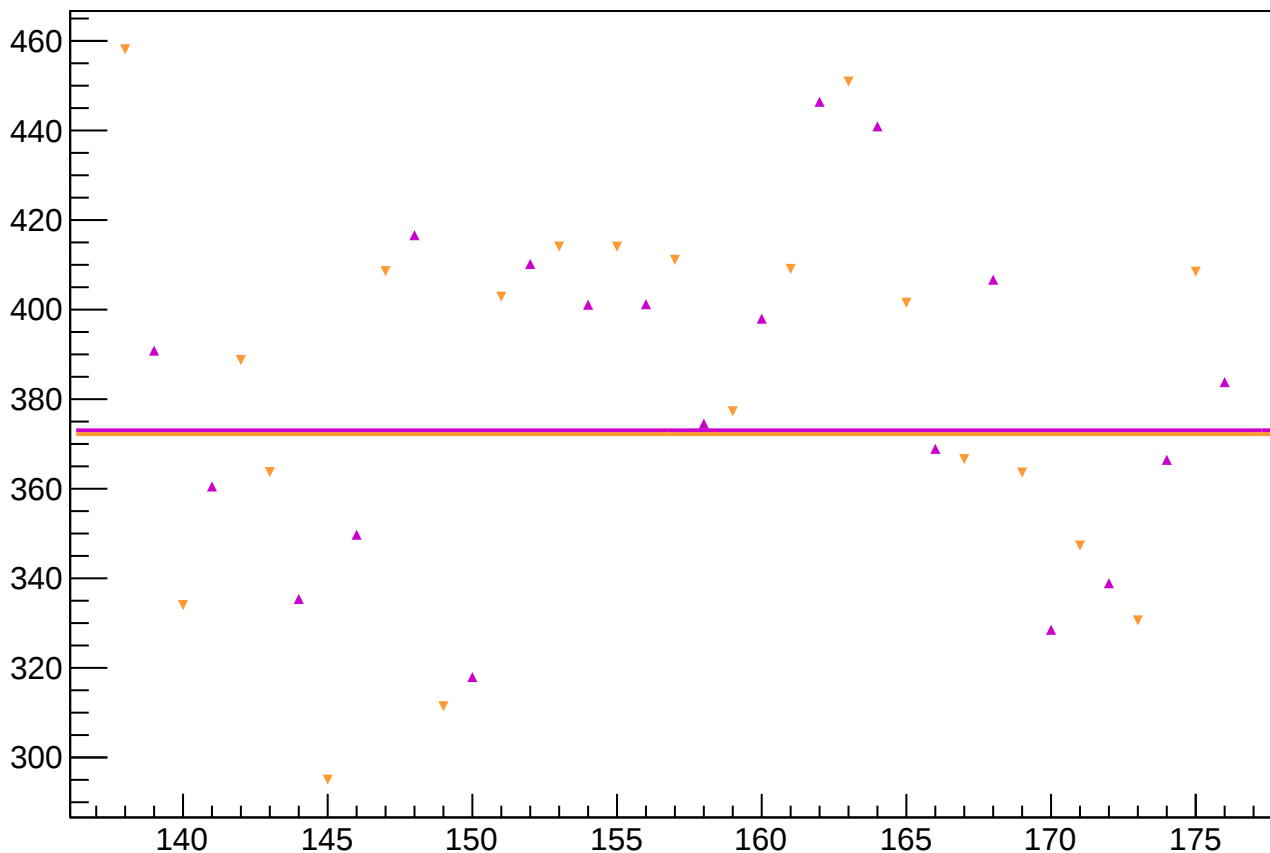
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -113.194+/-97.221 χ^2/NDF :26.3/18

Out: 390.109+/-96.427 χ^2/NDF :24.1/19

All: 140.520+/-68.463 χ^2/NDF : 63.9/38

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: 372.193+/-0.068 χ^2/NDF :422114.6/19

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

Left In: 373.040+/-0.069 χ^2/NDF :265668.0/18

Left: 372.613+/-0.048 χ^2/NDF : 687859.0/38

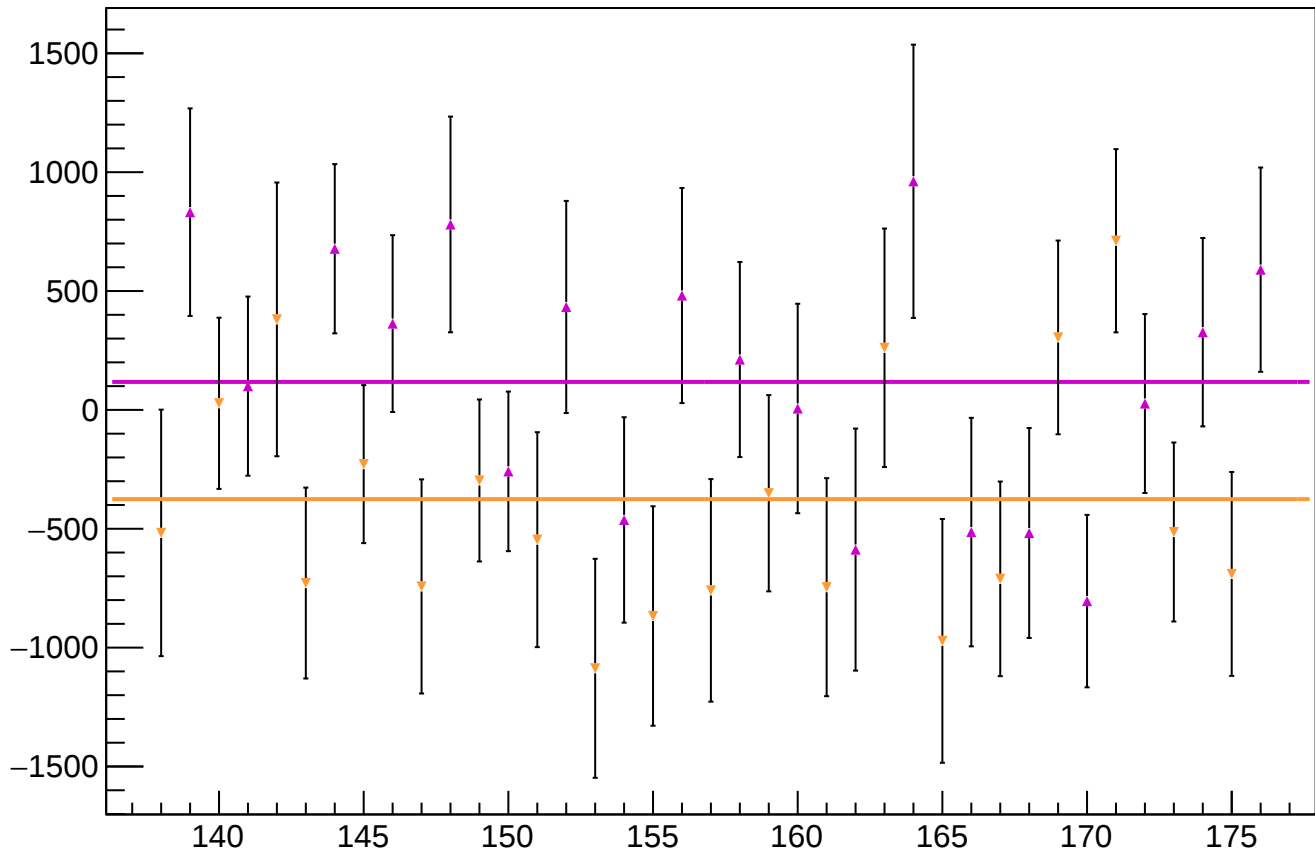
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.040+/-0.069 χ^2/NDF :265668.0/18

Out: 372.193+/-0.068 χ^2/NDF :422114.6/19

All: 372.613+/-0.048 χ^2/NDF : 687859.0/38

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -375.350+/-94.603 χ^2/NDF :24.8/19

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

Left In: 117.759+/-95.217 χ^2/NDF :27.9/18

Left: -130.390+/-67.111 χ^2/NDF : 66.2/38

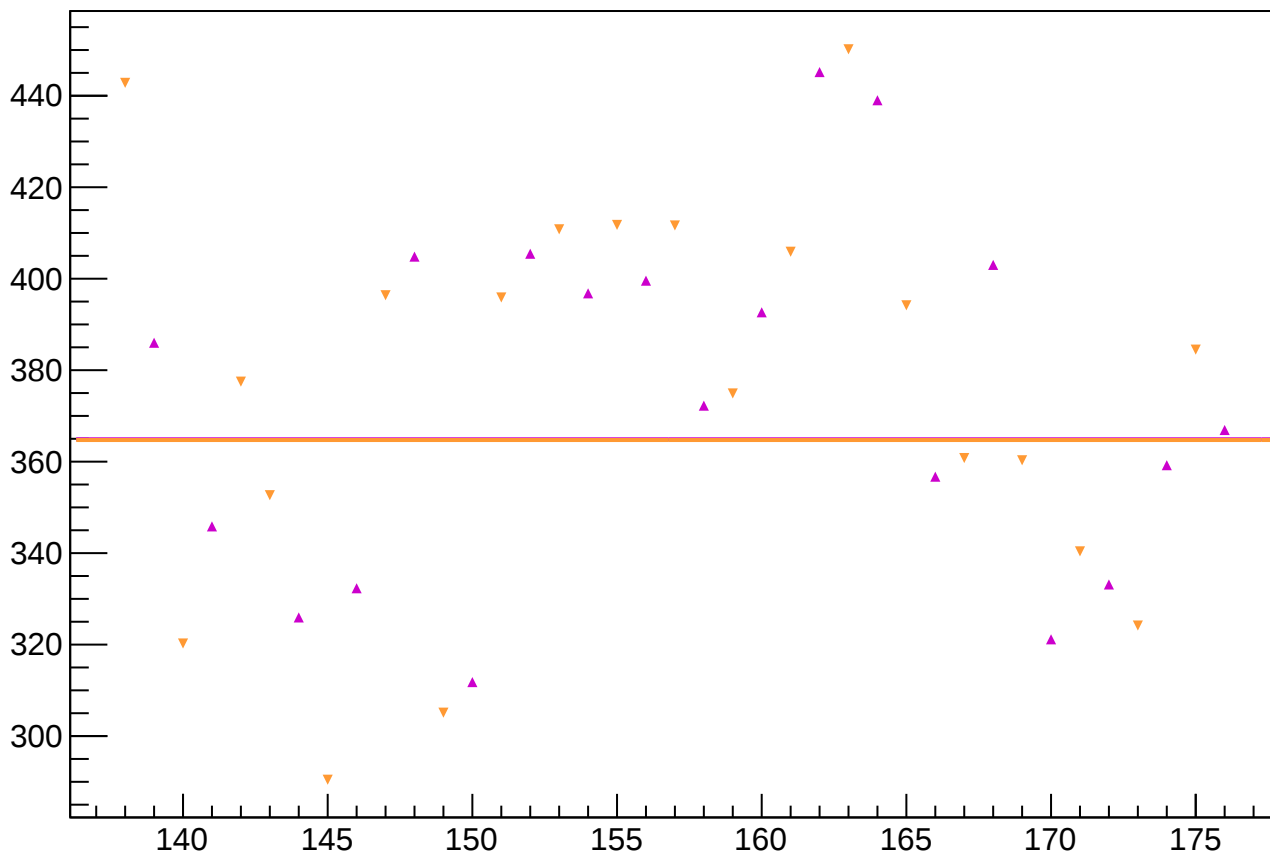
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.759+/-95.217 χ^2/NDF :27.9/18

Out: -375.350+/-94.603 χ^2/NDF :24.8/19

All: -130.390+/-67.111 χ^2/NDF : 66.2/38

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 364.727+/-0.067 χ^2/NDF : 437870.5/19

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

Left In: 364.893+/-0.067 χ^2/NDF : 304667.4/18

Left: 364.809+/-0.047 χ^2/NDF : 742540.9/38

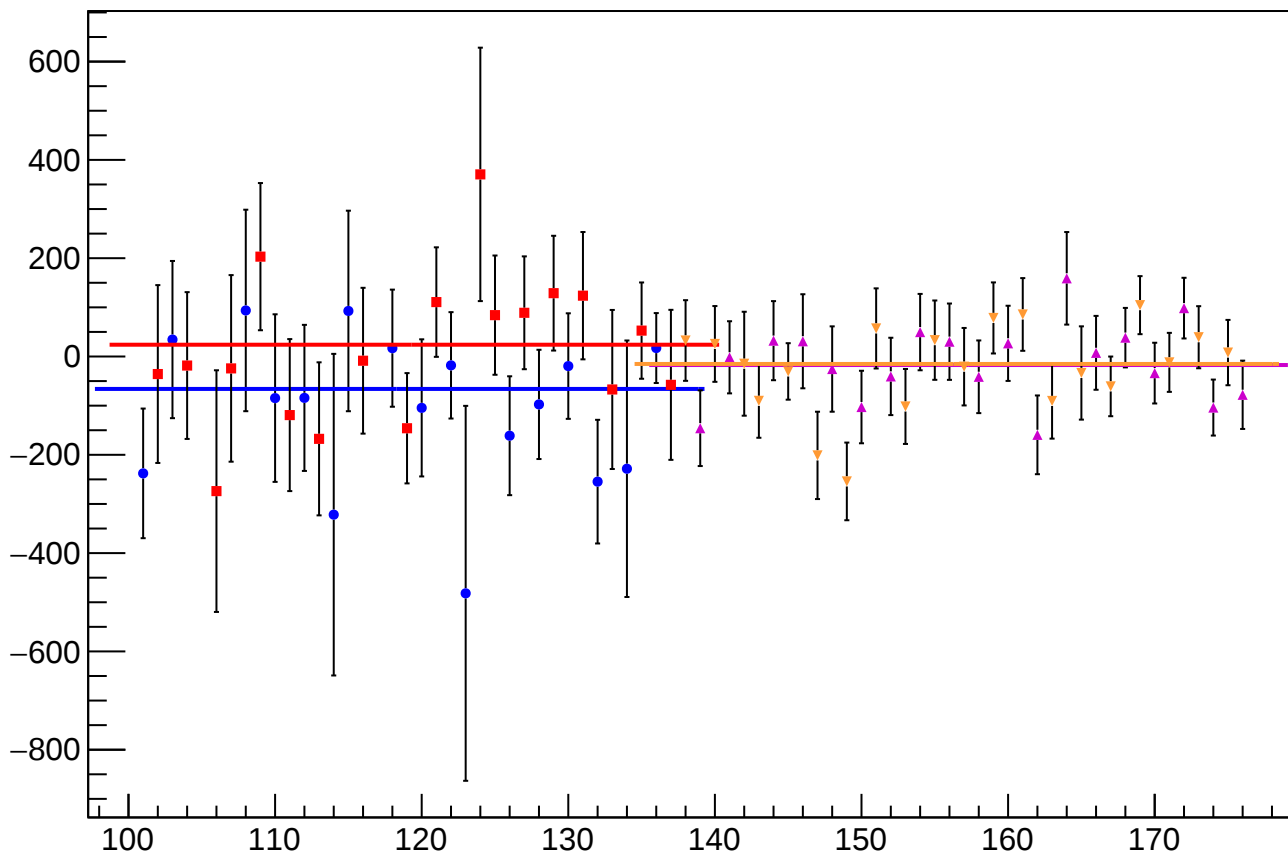
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.893+/-0.067 χ^2/NDF : 304667.4/18

Out: 364.727+/-0.067 χ^2/NDF : 437870.5/19

All: 364.809+/-0.047 χ^2/NDF : 742540.9/38

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -15.170 ± 16.268 $\chi^2/\text{NDF}: 27.7/19$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -17.341 ± 16.806 $\chi^2/\text{NDF}: 20.7/18$

Left: -16.220 ± 11.689 $\chi^2/\text{NDF}: 48.5/38$

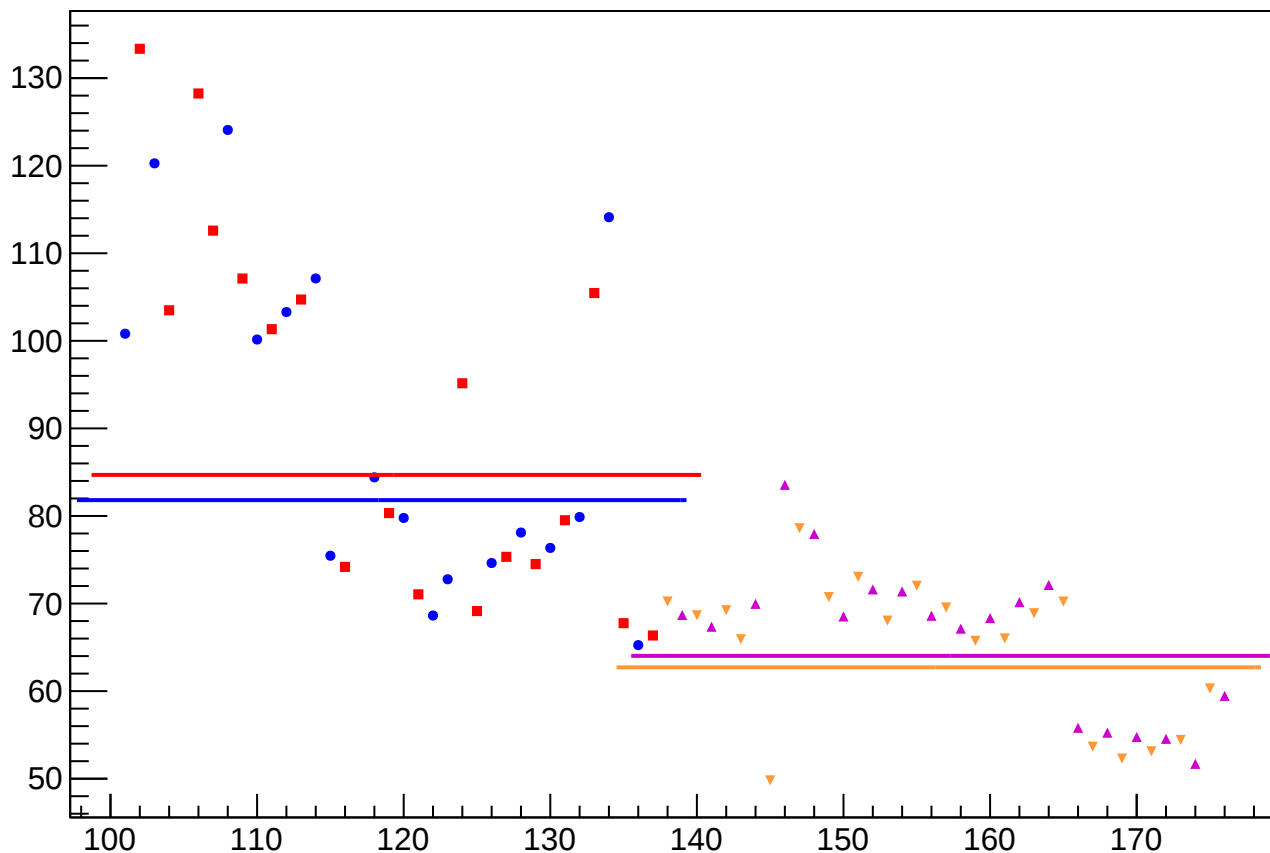
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -27.707 ± 14.908 $\chi^2/\text{NDF}: 33.3/35$

Out: -7.437 ± 14.573 $\chi^2/\text{NDF}: 41.8/37$

All: -17.342 ± 10.421 $\chi^2/\text{NDF}: 76.0/73$

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: 62.714 $\pm$ 0.012 χ^2/NDF :537132.5/19

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 64.027 $\pm$ 0.012 χ^2/NDF :504844.6/18

Left: 63.349 $\pm$ 0.008 χ^2/NDF : 1048278.2/38

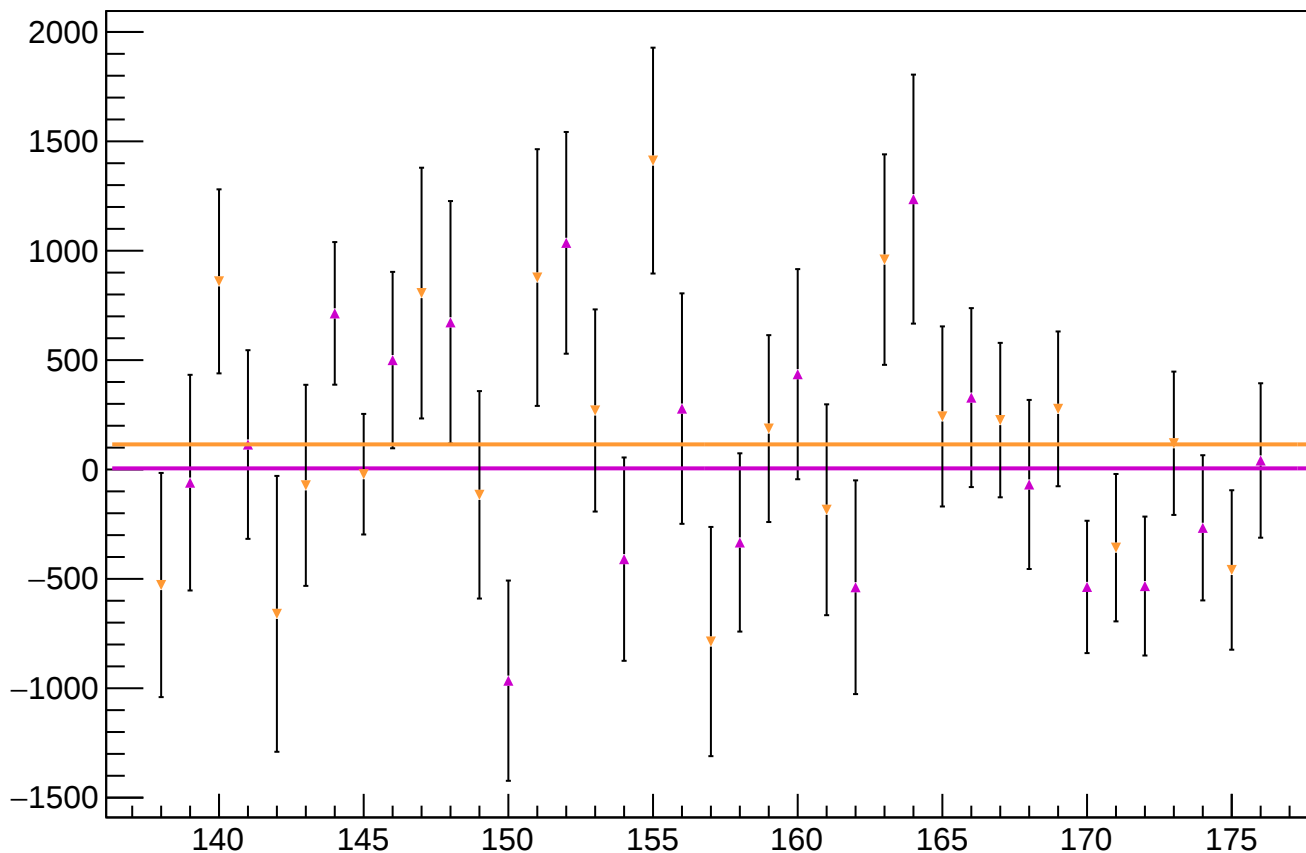
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 67.817 $\pm$ 0.011 χ^2/NDF :1489309.0/35

Out: 67.055 $\pm$ 0.010 χ^2/NDF :1874032.6/37

All: 67.427 $\pm$ 0.007 χ^2/NDF : 3366014.9/73

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 114.817 $\pm$ 93.643 χ^2 /NDF:27.7/19

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

Left In: 5.148 $\pm$ 93.876 χ^2 /NDF:32.3/18

Left: 60.118 $\pm$ 66.298 χ^2 /NDF: 60.7/38

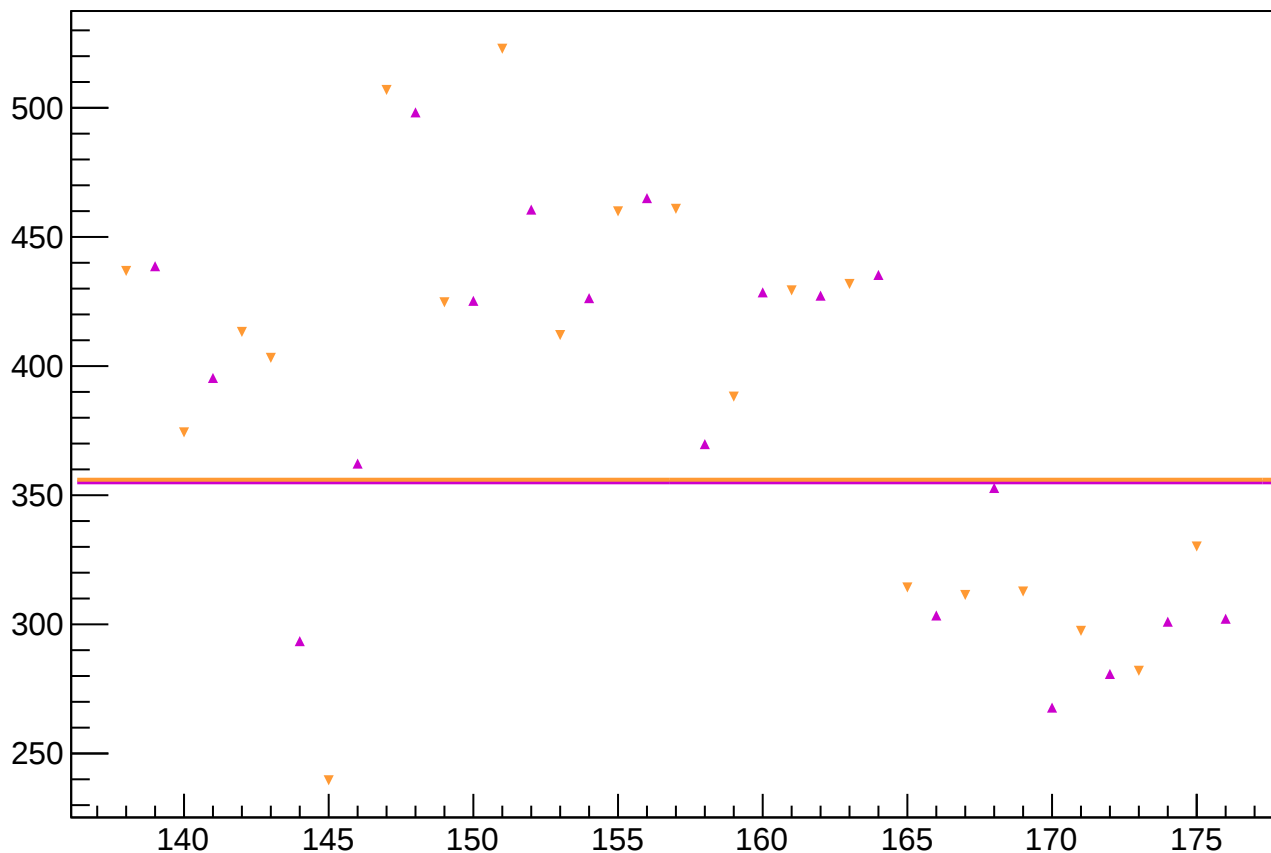
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 5.148 $\pm$ 93.876 χ^2 /NDF:32.3/18

Out: 114.817 $\pm$ 93.643 χ^2 /NDF:27.7/19

All: 60.118 $\pm$ 66.298 χ^2 /NDF: 60.7/38

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: 356.000+/-0.066 χ^2/NDF :1343031.5/19

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

Left In: 354.998+/-0.066 χ^2/NDF :1087131.5/18

Left: 355.500+/-0.047 χ^2/NDF : 2430277.3/38

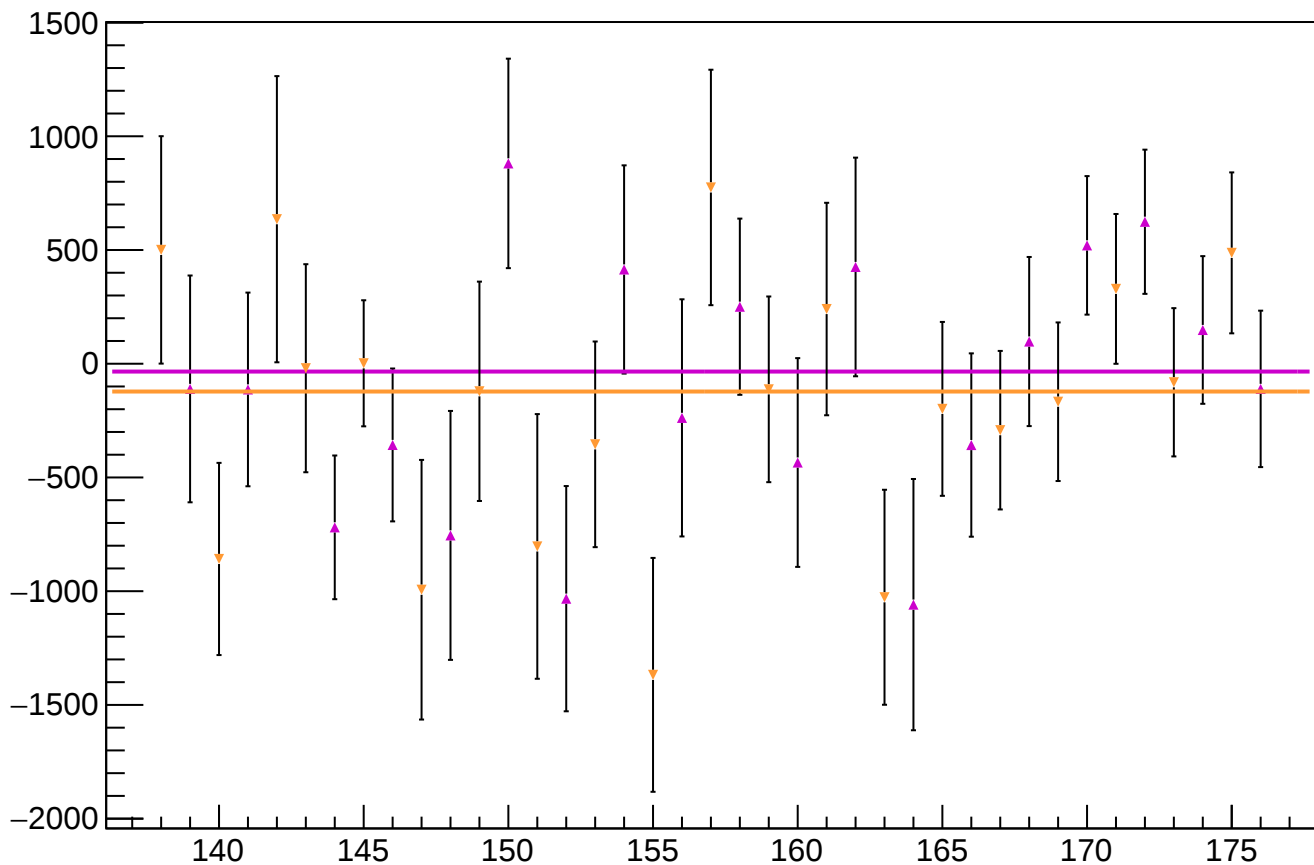
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.998+/-0.066 χ^2/NDF :1087131.5/18

Out: 356.000+/-0.066 χ^2/NDF :1343031.5/19

All: 355.500+/-0.047 χ^2/NDF : 2430277.3/38

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -122.195 ± 92.186 $\chi^2/\text{NDF}: 28.6/19$

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

Left In: -34.442 ± 91.247 $\chi^2/\text{NDF}: 31.0/18$

Left: -77.870 ± 64.851 $\chi^2/\text{NDF}: 60.0/38$

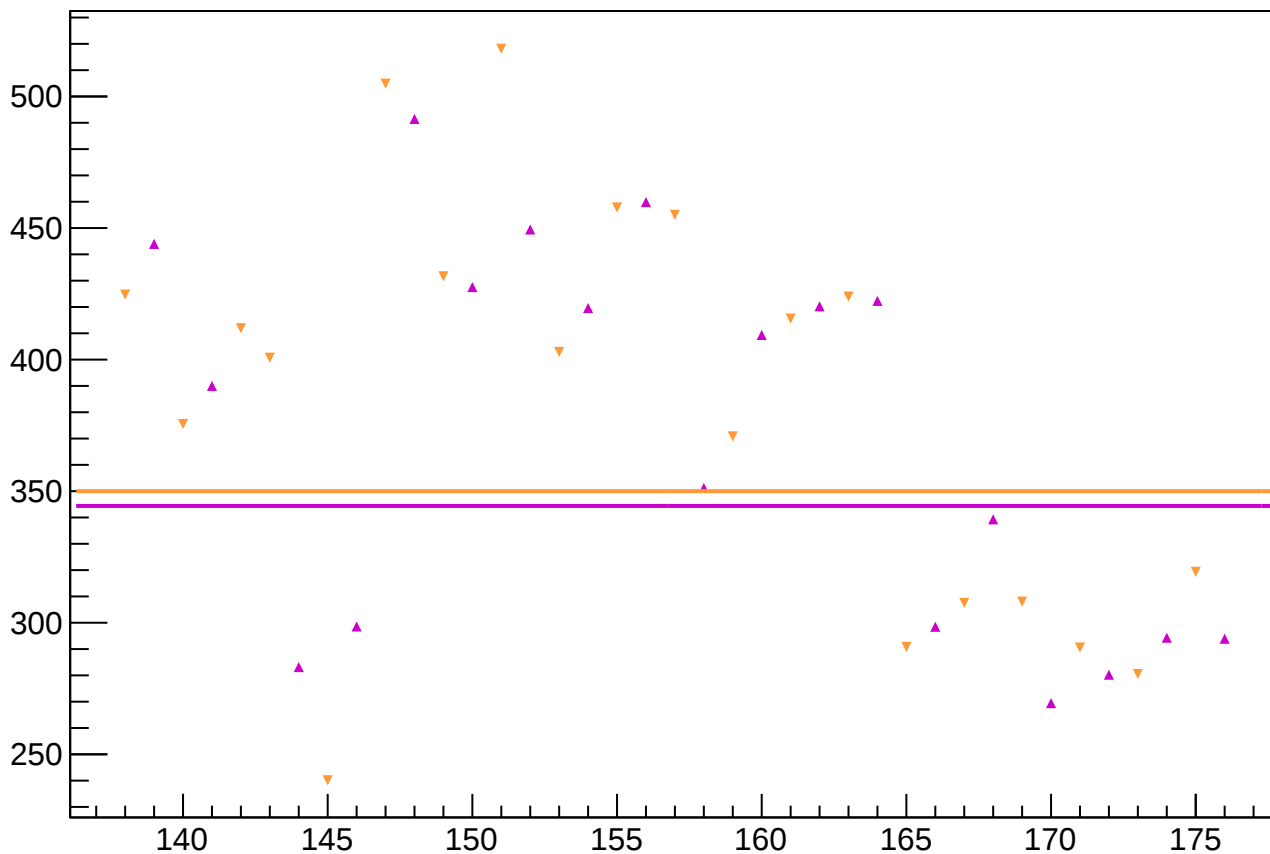
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -34.442 ± 91.247 $\chi^2/\text{NDF}: 31.0/18$

Out: -122.195 ± 92.186 $\chi^2/\text{NDF}: 28.6/19$

All: -77.870 ± 64.851 $\chi^2/\text{NDF}: 60.0/38$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 350.016+/-0.065 χ^2/NDF :1351264.0/19

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

Left In: 344.386+/-0.065 χ^2/NDF :1117499.3/18

Left: 347.172+/-0.046 χ^2/NDF : 2472531.8/38

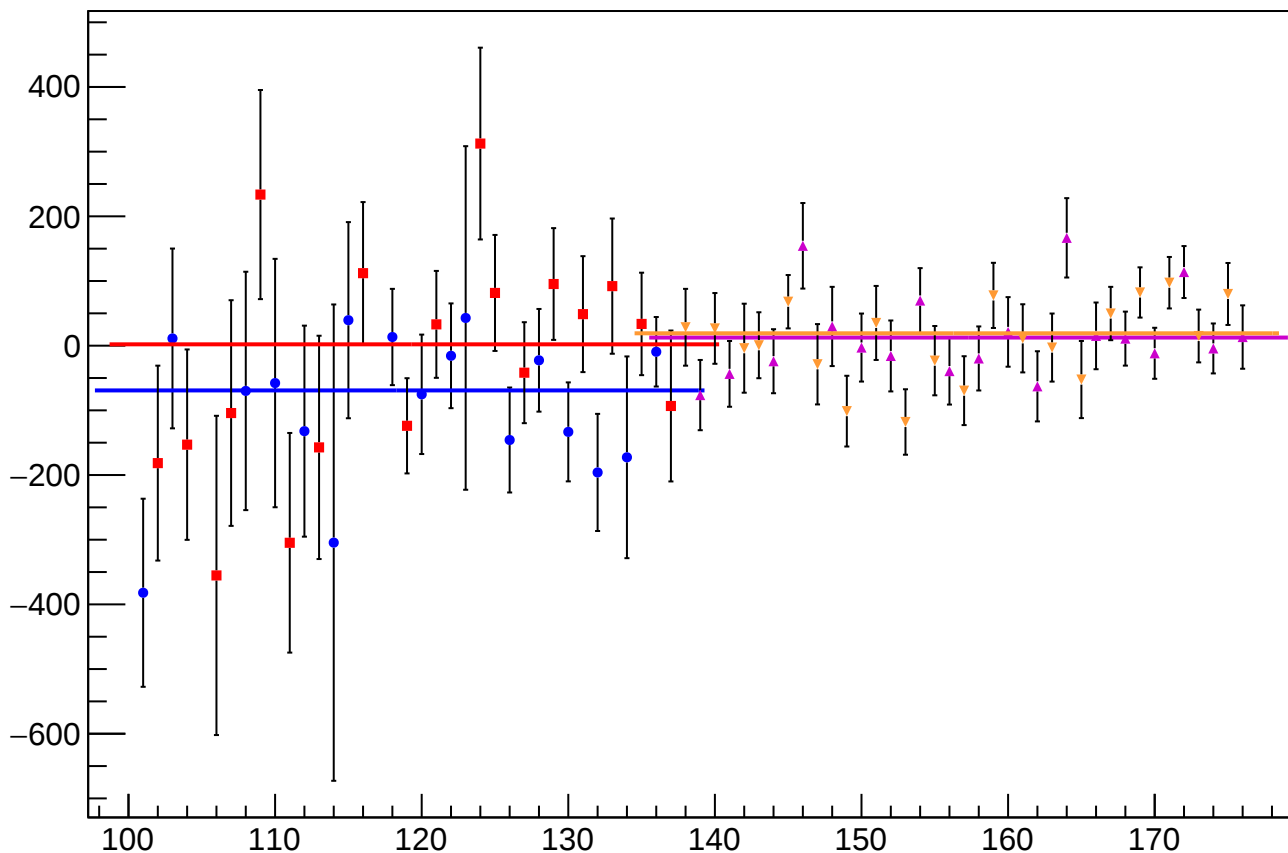
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.386+/-0.065 χ^2/NDF :1117499.3/18

Out: 350.016+/-0.065 χ^2/NDF :1351264.0/19

All: 347.172+/-0.046 χ^2/NDF : 2472531.8/38

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 19.133 ± 11.106 $\chi^2/\text{NDF}: 29.6/19$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: 12.545 ± 11.357 $\chi^2/\text{NDF}: 27.4/18$

Left: 15.912 ± 7.940 $\chi^2/\text{NDF}: 57.2/38$

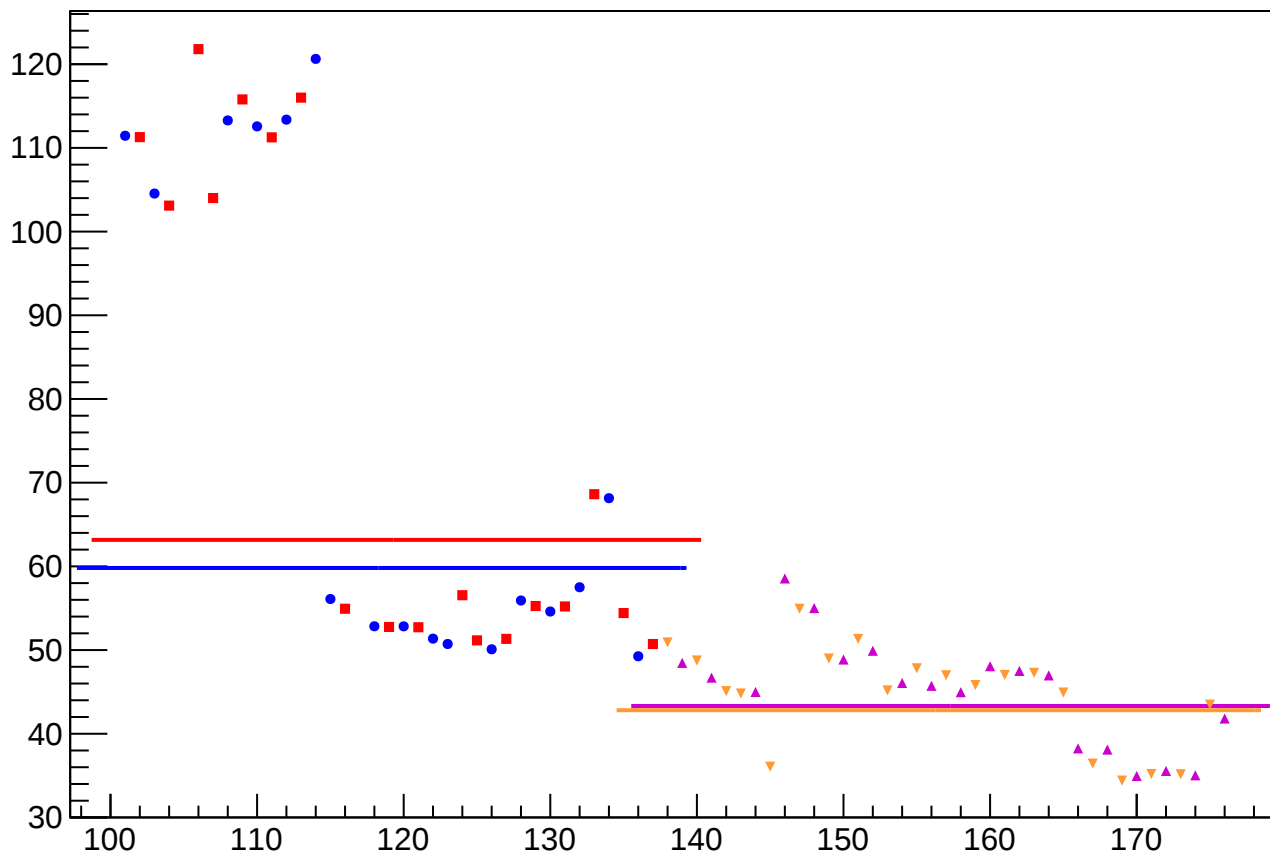
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -2.147 ± 10.286 $\chi^2/\text{NDF}: 50.2/35$

Out: 16.357 ± 10.162 $\chi^2/\text{NDF}: 53.8/37$

All: 7.217 ± 7.229 $\chi^2/\text{NDF}: 105.6/73$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 42.811 $\pm$ 0.008 χ^2/NDF : 622009.0/19

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 43.316 $\pm$ 0.008 χ^2/NDF : 615565.4/18

Left: 43.058 $\pm$ 0.006 χ^2/NDF : 1239596.9/38

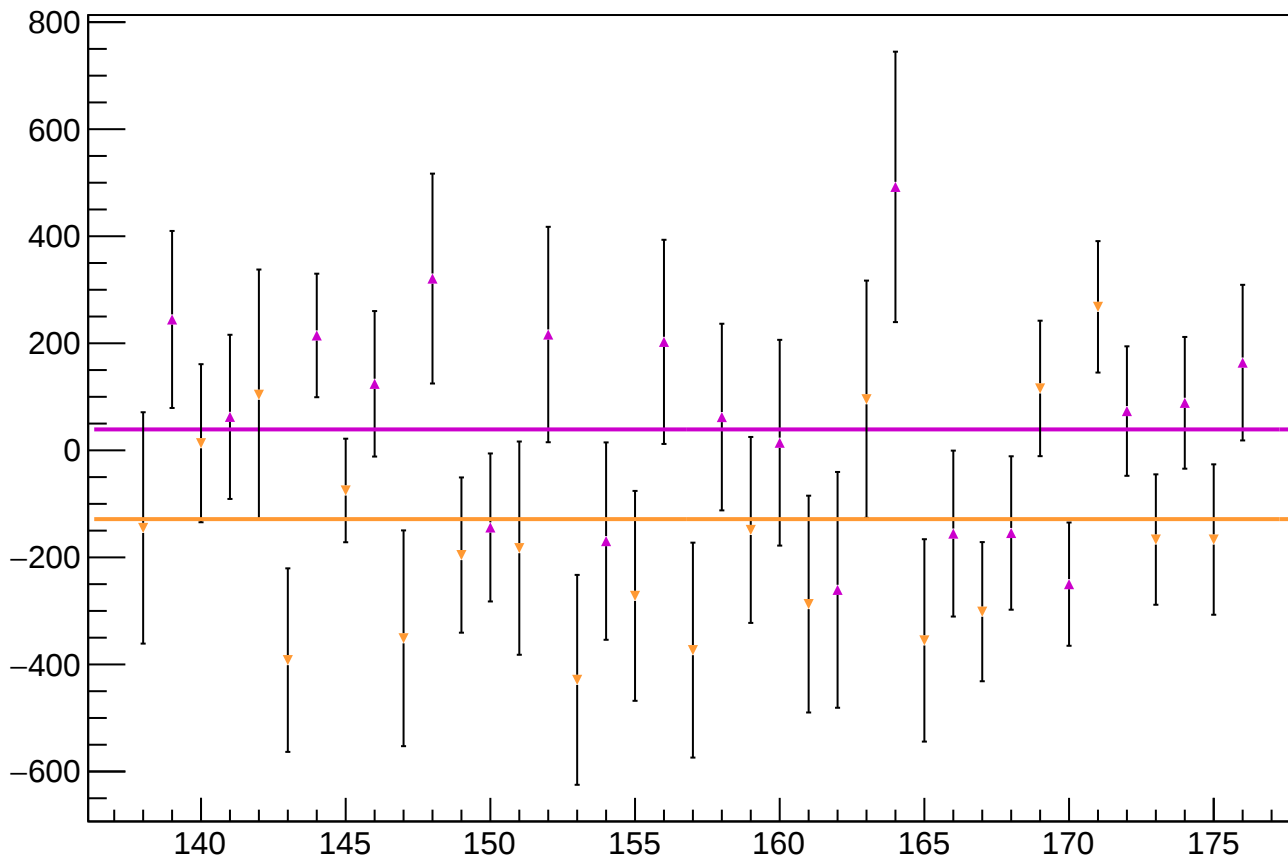
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 46.281 $\pm$ 0.007 χ^2/NDF : 2603680.2/35

Out: 46.125 $\pm$ 0.007 χ^2/NDF : 3102829.6/37

All: 46.202 $\pm$ 0.005 χ^2/NDF : 5706743.4/73

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: -128.491+/-35.083 χ^2/NDF :29.6/19

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

Left In: 39.101+/-35.095 χ^2/NDF :26.7/18

Left: -44.723+/-24.812 χ^2/NDF : 67.7/38

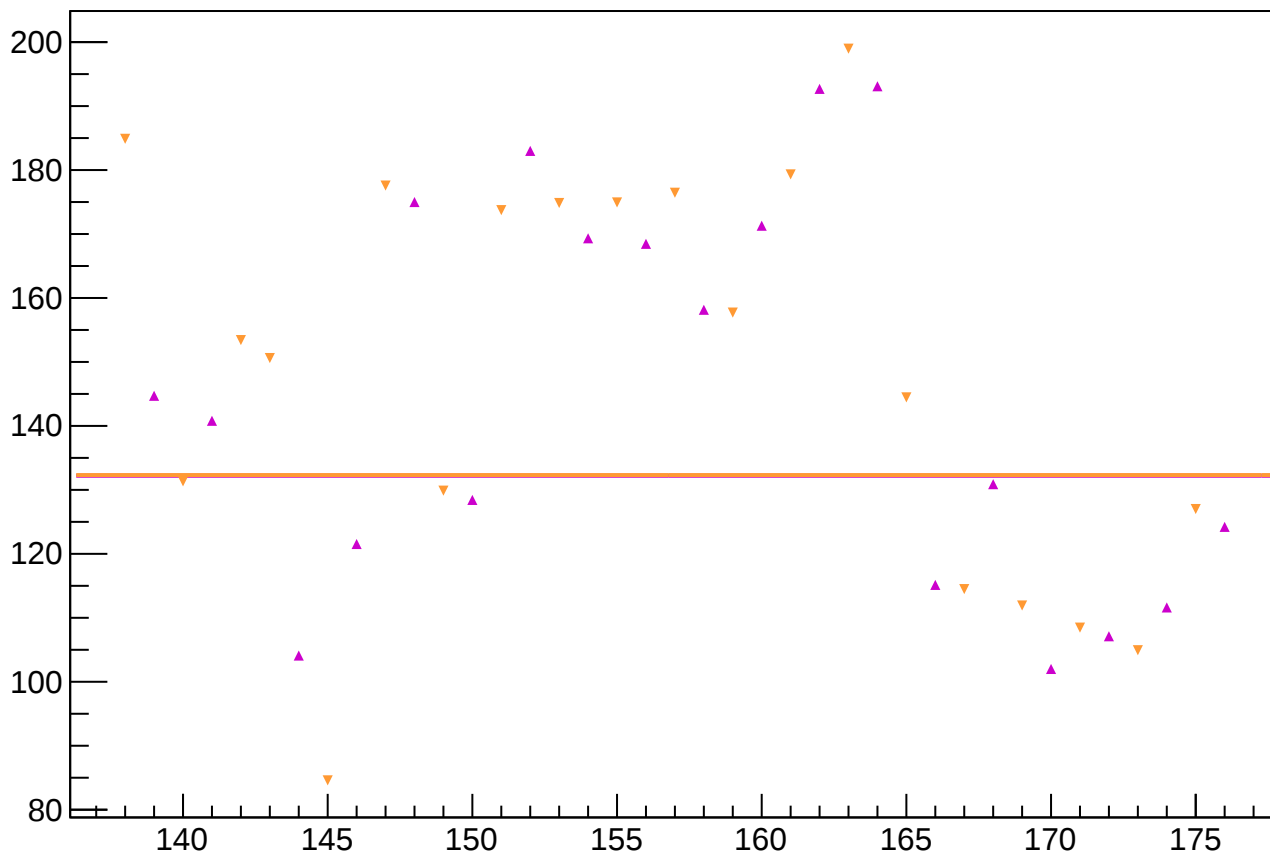
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.101+/-35.095 χ^2/NDF :26.7/18

Out: -128.491+/-35.083 χ^2/NDF :29.6/19

All: -44.723+/-24.812 χ^2/NDF : 67.7/38

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: 132.315+/-0.025 χ^2/NDF :1726001.3/19

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

Left In: 132.209+/-0.025 χ^2/NDF :1230370.7/18

Left: 132.262+/-0.018 χ^2/NDF : 2956381.0/38

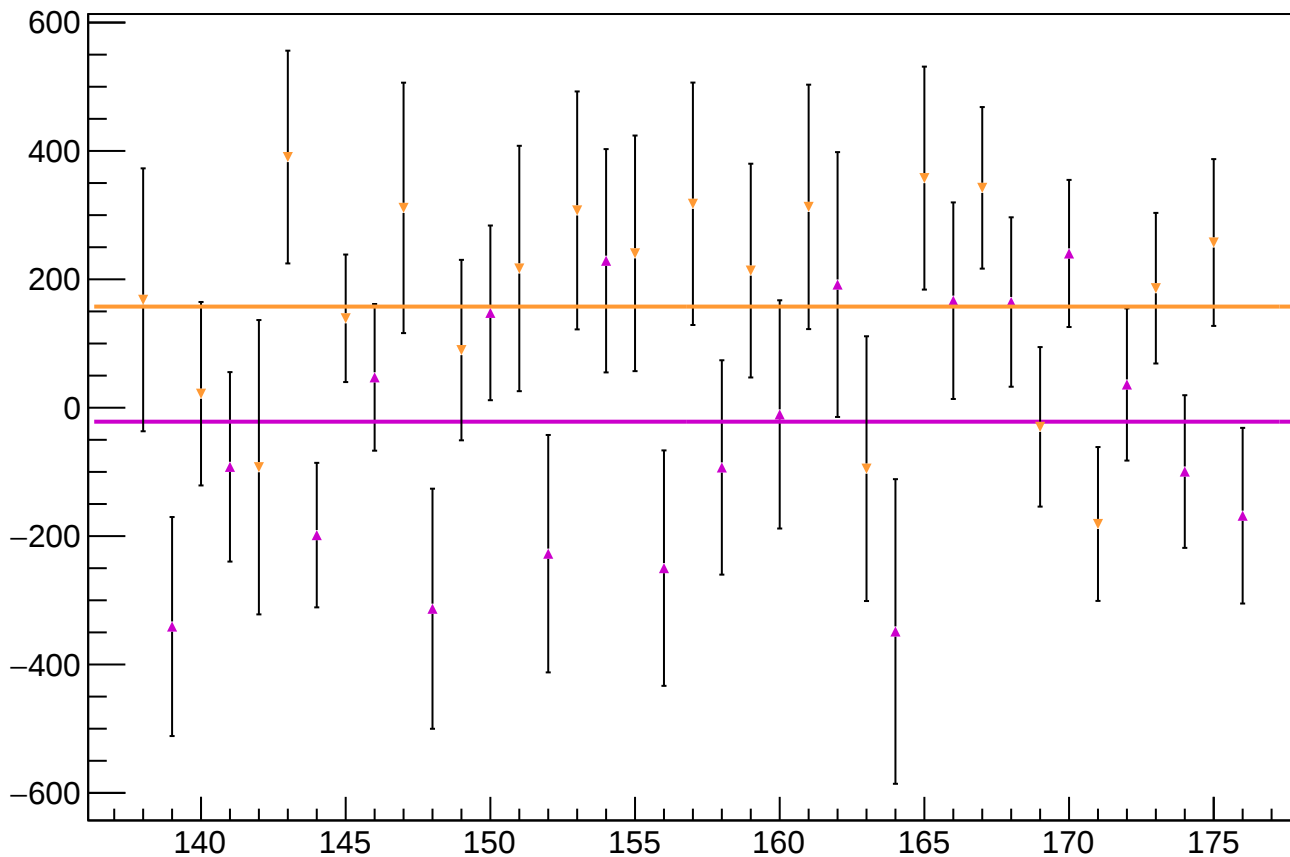
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.209+/-0.025 χ^2/NDF :1230370.7/18

Out: 132.315+/-0.025 χ^2/NDF :1726001.3/19

All: 132.262+/-0.018 χ^2/NDF : 2956381.0/38

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 157.532 $\pm$ 33.892 χ^2 /NDF:23.3/19

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

Left In: -21.764 $\pm$ 33.505 χ^2 /NDF:29.1/18

Left: 66.852 $\pm$ 23.827 χ^2 /NDF: 66.6/38

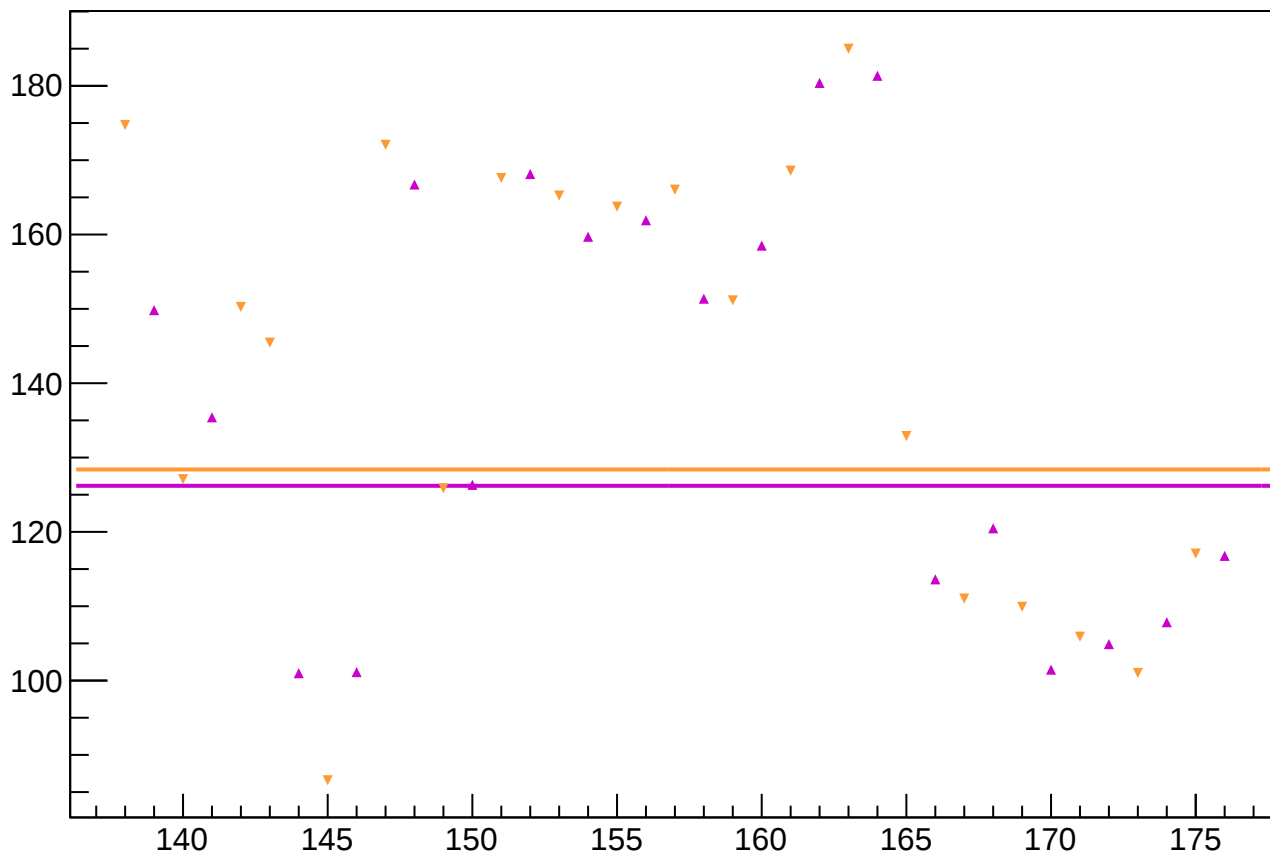
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -21.764 $\pm$ 33.505 χ^2 /NDF:29.1/18

Out: 157.532 $\pm$ 33.892 χ^2 /NDF:23.3/19

All: 66.852 $\pm$ 23.827 χ^2 /NDF: 66.6/38

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 128.399+/-0.024 χ^2/NDF :1469406.3/19

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

Left In: 126.201+/-0.024 χ^2/NDF :1179323.1/18

Left: 127.287+/-0.017 χ^2/NDF : 2652986.1/38

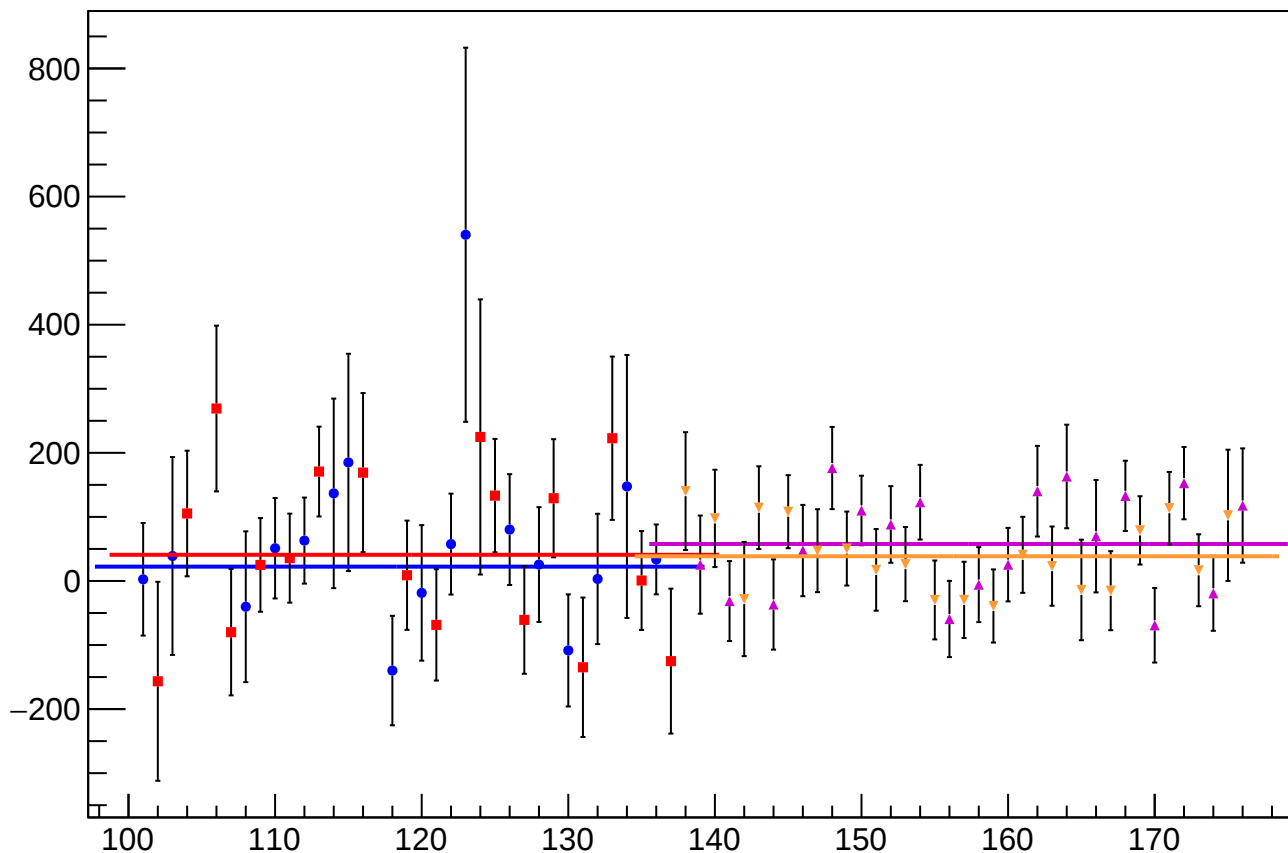
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 126.201+/-0.024 χ^2/NDF :1179323.1/18

Out: 128.399+/-0.024 χ^2/NDF :1469406.3/19

All: 127.287+/-0.017 χ^2/NDF : 2652986.1/38

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: 38.547 $\pm$ 14.216 χ^2 /NDF:14.0/19

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 57.690 $\pm$ 14.585 χ^2 /NDF:30.0/18

Left: 47.873 $\pm$ 10.180 χ^2 /NDF: 44.9/38

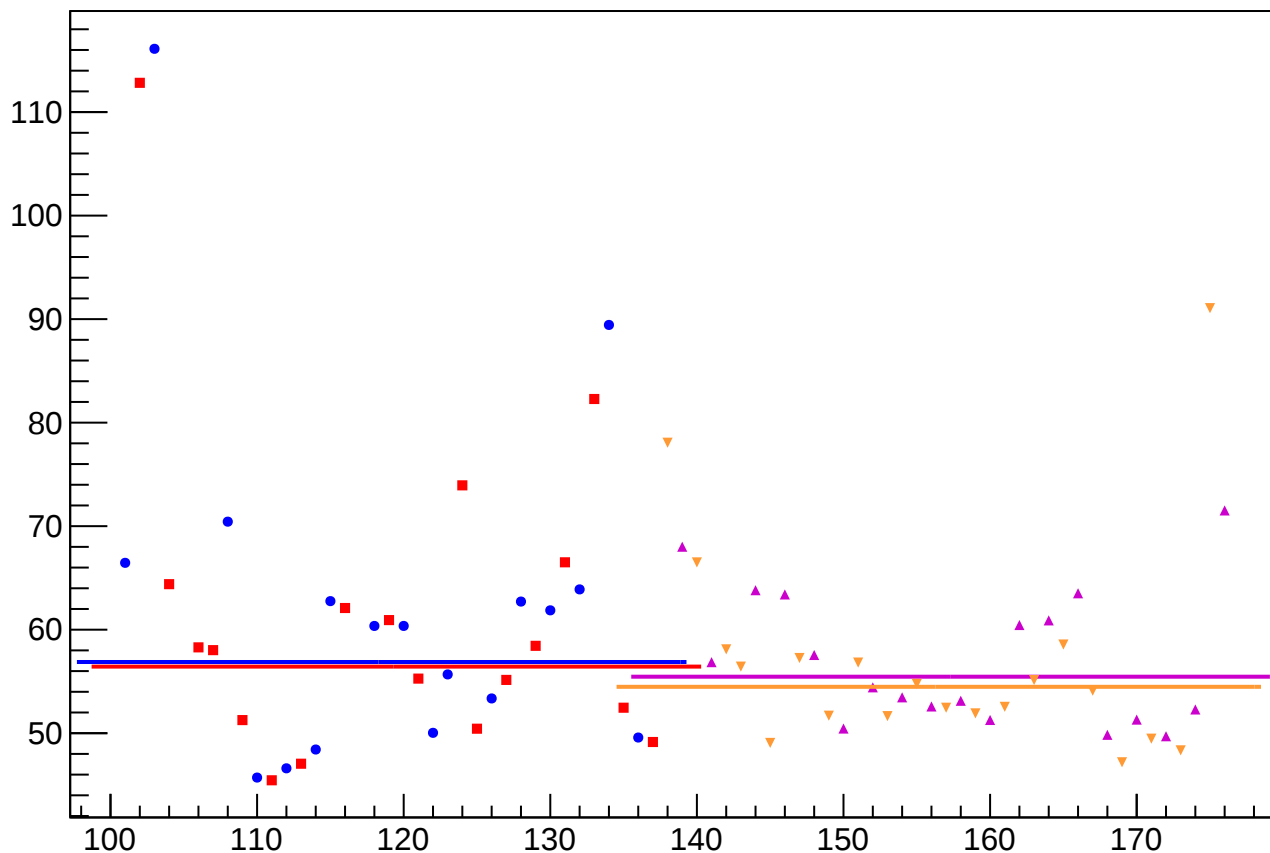
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 47.318 $\pm$ 12.259 χ^2 /NDF:44.3/35

Out: 39.225 $\pm$ 11.962 χ^2 /NDF:38.2/37

All: 43.172 $\pm$ 8.561 χ^2 /NDF: 82.7/73

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: 54.481 $\pm$ 0.010 χ^2 /NDF: 566966.4/19

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.459 $\pm$ 0.010 χ^2 /NDF: 306662.0/18

Left: 54.958 $\pm$ 0.007 χ^2 /NDF: 878235.2/38

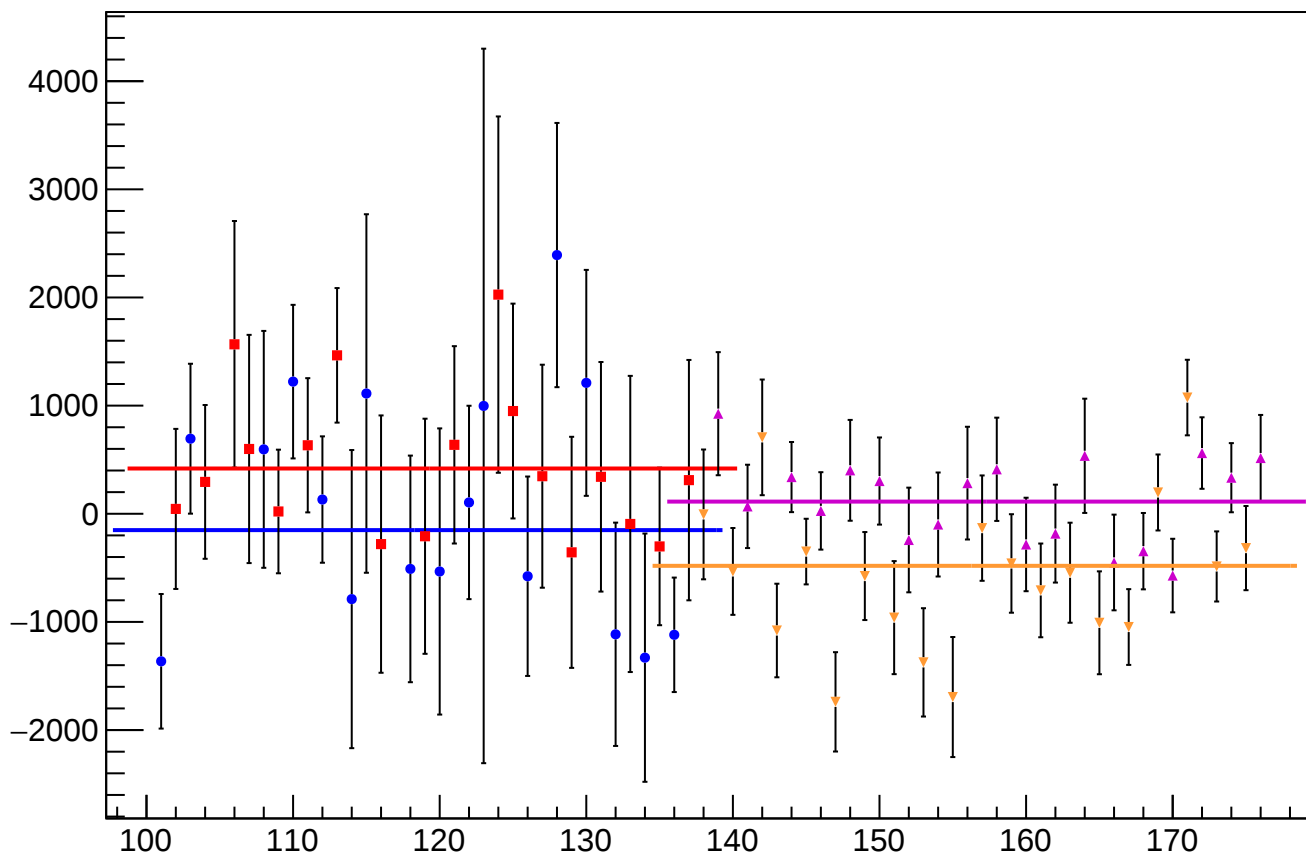
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 55.876 $\pm$ 0.009 χ^2 /NDF: 887714.2/35

Out: 55.051 $\pm$ 0.008 χ^2 /NDF: 1098441.9/37

All: 55.453 $\pm$ 0.006 χ^2 /NDF: 1990786.9/73

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -481.349 $\pm$ 93.504 χ^2 /NDF:52.4/19

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 112.553 $\pm$ 93.089 χ^2 /NDF:17.0/18

Left: -183.078 $\pm$ 65.970 χ^2 /NDF: 89.7/38

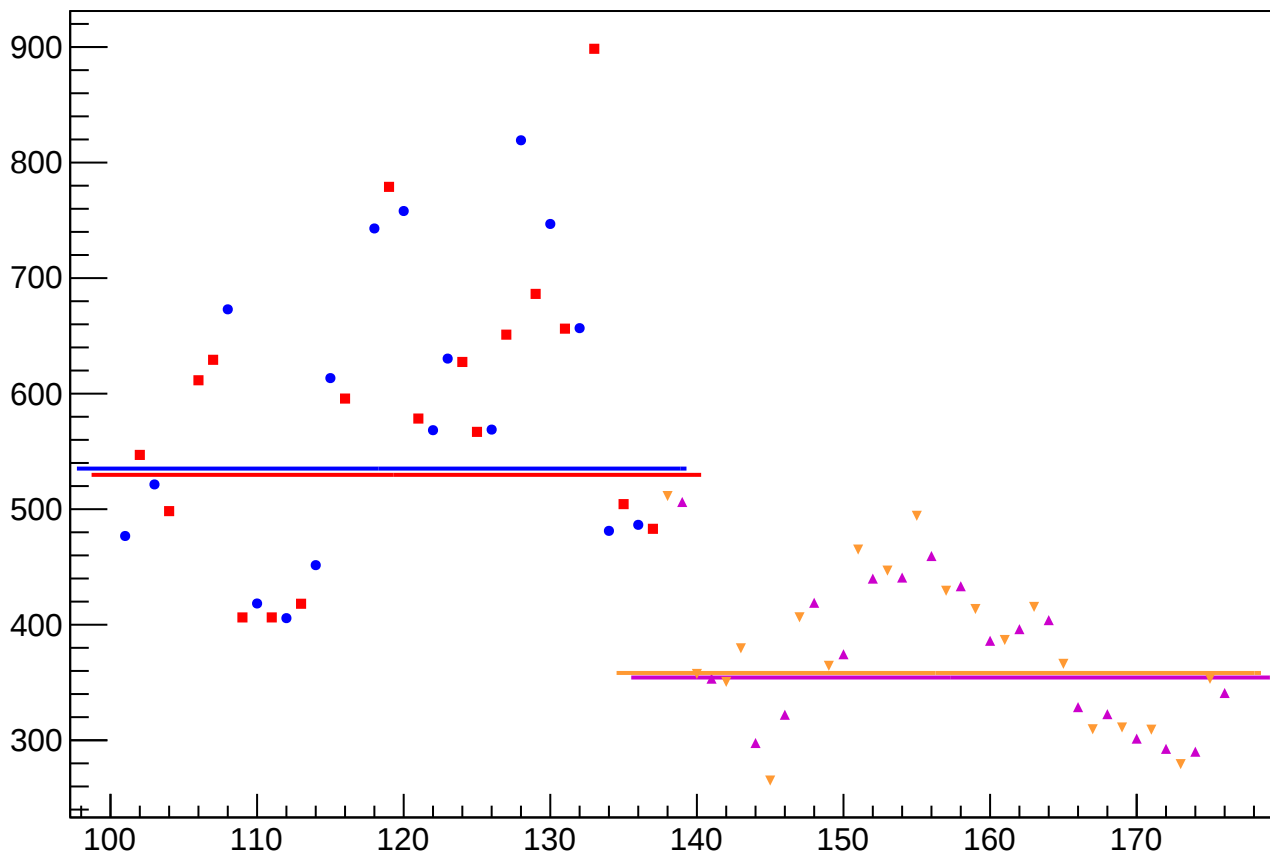
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 70.071 $\pm$ 85.263 χ^2 /NDF:40.8/35

Out: -326.449 $\pm$ 85.077 χ^2 /NDF:76.8/37

All: -128.623 $\pm$ 60.224 χ^2 /NDF: 128.4/73

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 358.256 $\pm$ 0.066 χ^2 /NDF: 957654.5/19

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 354.306 $\pm$ 0.066 χ^2 /NDF: 796433.0/18

Left: 356.272 $\pm$ 0.047 χ^2 /NDF: 1755880.5/38

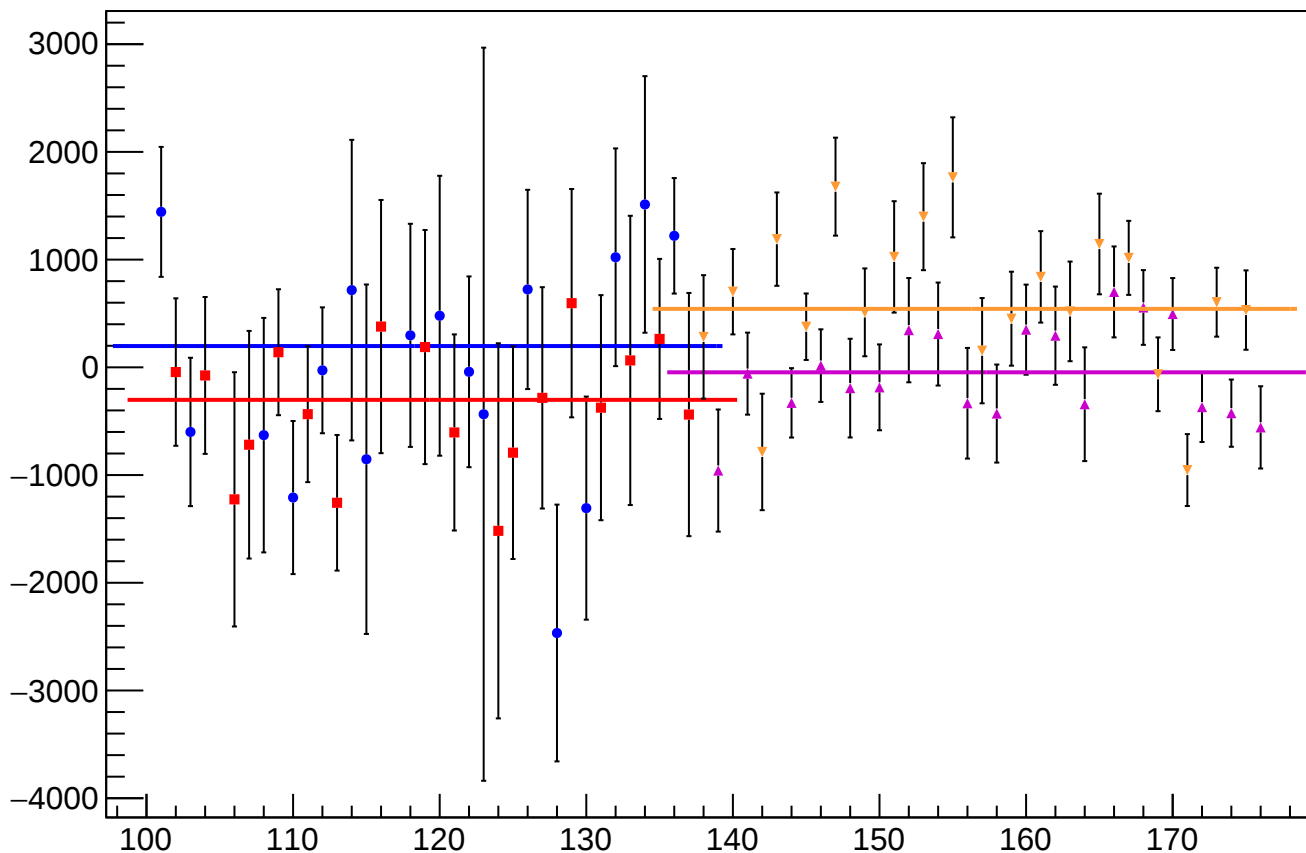
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 383.433 $\pm$ 0.060 χ^2 /NDF: 2608141.1/35

Out: 387.770 $\pm$ 0.060 χ^2 /NDF: 2762005.3/37

All: 385.606 $\pm$ 0.043 χ^2 /NDF: 5372740.1/73

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 542.718+/-92.108 χ^2/NDF : 51.8/19

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: -46.185+/-91.115 χ^2/NDF : 20.6/18

Left: 245.075+/-64.776 χ^2/NDF : 93.1/38

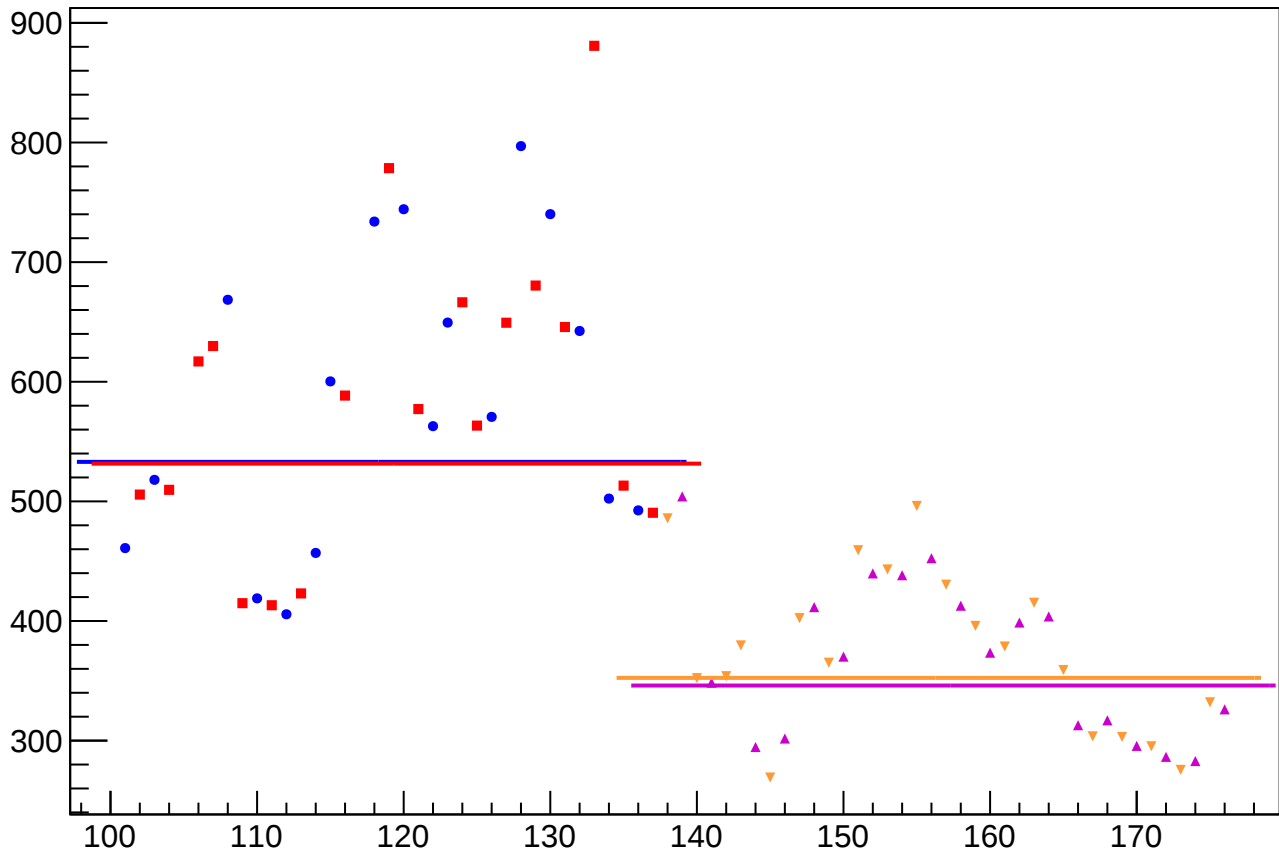
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: -8.023+/-83.679 χ^2/NDF : 45.7/35

Out: 401.658+/-84.065 χ^2/NDF : 72.5/37

All: 195.875+/-59.306 χ^2/NDF : 130.2/73

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.458+/-0.065 χ^2/NDF : 950814.8/19

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 346.061+/-0.064 χ^2/NDF : 854103.4/18

Left: 349.225+/-0.046 χ^2/NDF : 1809793.3/38

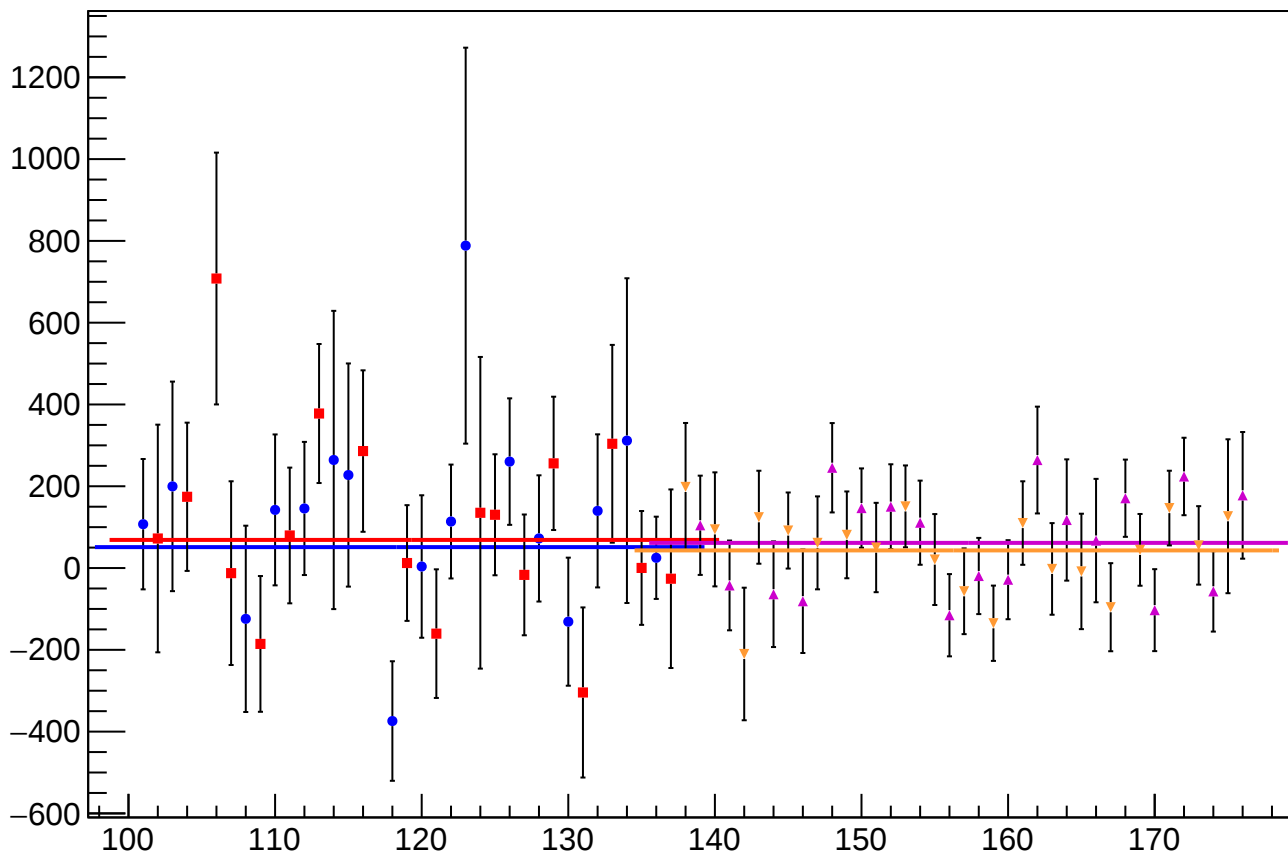
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 375.335+/-0.059 χ^2/NDF : 2739473.8/35

Out: 382.371+/-0.059 χ^2/NDF : 2811707.8/37

All: 378.837+/-0.042 χ^2/NDF : 5558220.4/73

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 43.130 $\pm$ 24.532 χ^2 /NDF:14.2/19

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 61.540 $\pm$ 25.094 χ^2 /NDF:24.0/18

Left: 52.127 $\pm$ 17.542 χ^2 /NDF: 38.6/38

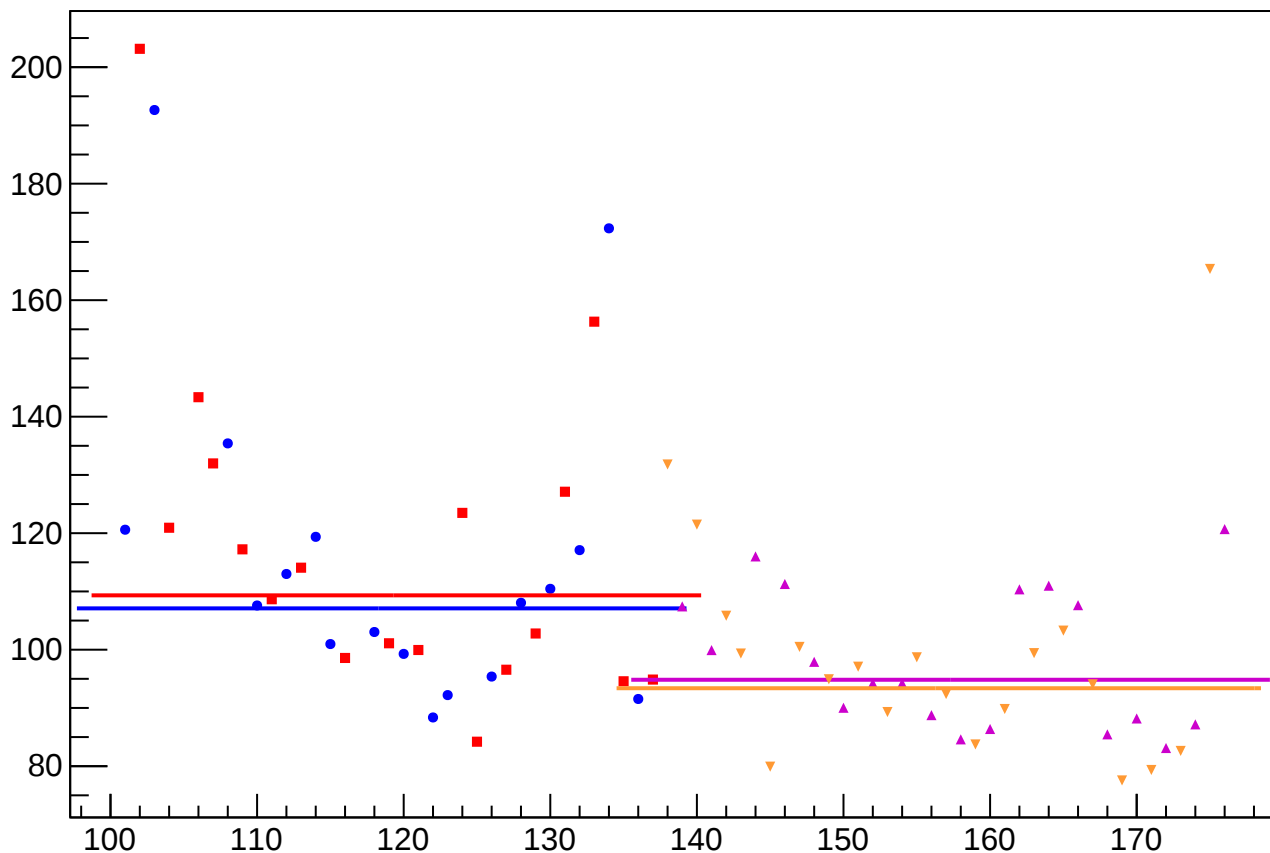
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 58.851 $\pm$ 21.597 χ^2 /NDF:41.5/35

Out: 49.472 $\pm$ 21.284 χ^2 /NDF:34.9/37

All: 54.093 $\pm$ 15.160 χ^2 /NDF: 76.5/73

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: 93.385 $\pm$ 0.017 χ^2 /NDF:749700.8/19

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 94.838 $\pm$ 0.018 χ^2 /NDF:359972.1/18

Left: 94.095 $\pm$ 0.012 χ^2 /NDF: 1113104.9/38

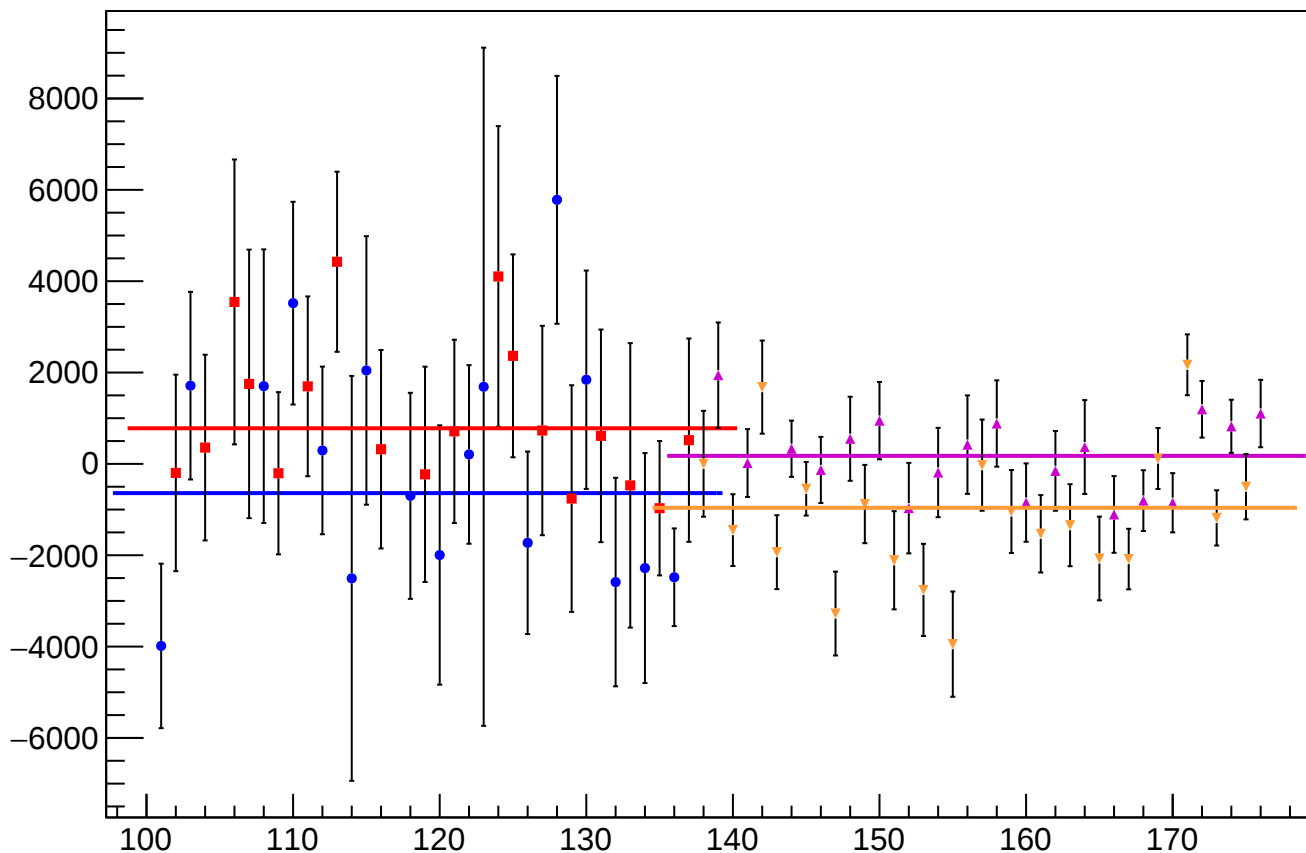
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 98.016 $\pm$ 0.015 χ^2 /NDF:921407.0/35

Out: 97.327 $\pm$ 0.015 χ^2 /NDF:1464629.3/37

All: 97.666 $\pm$ 0.011 χ^2 /NDF: 2387067.7/73

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -960.505+/-181.353 χ^2/NDF : 58.2/19

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 175.584+/-180.203 χ^2/NDF : 19.8/18

Left: -388.850+/-127.827 χ^2/NDF : 97.8/38

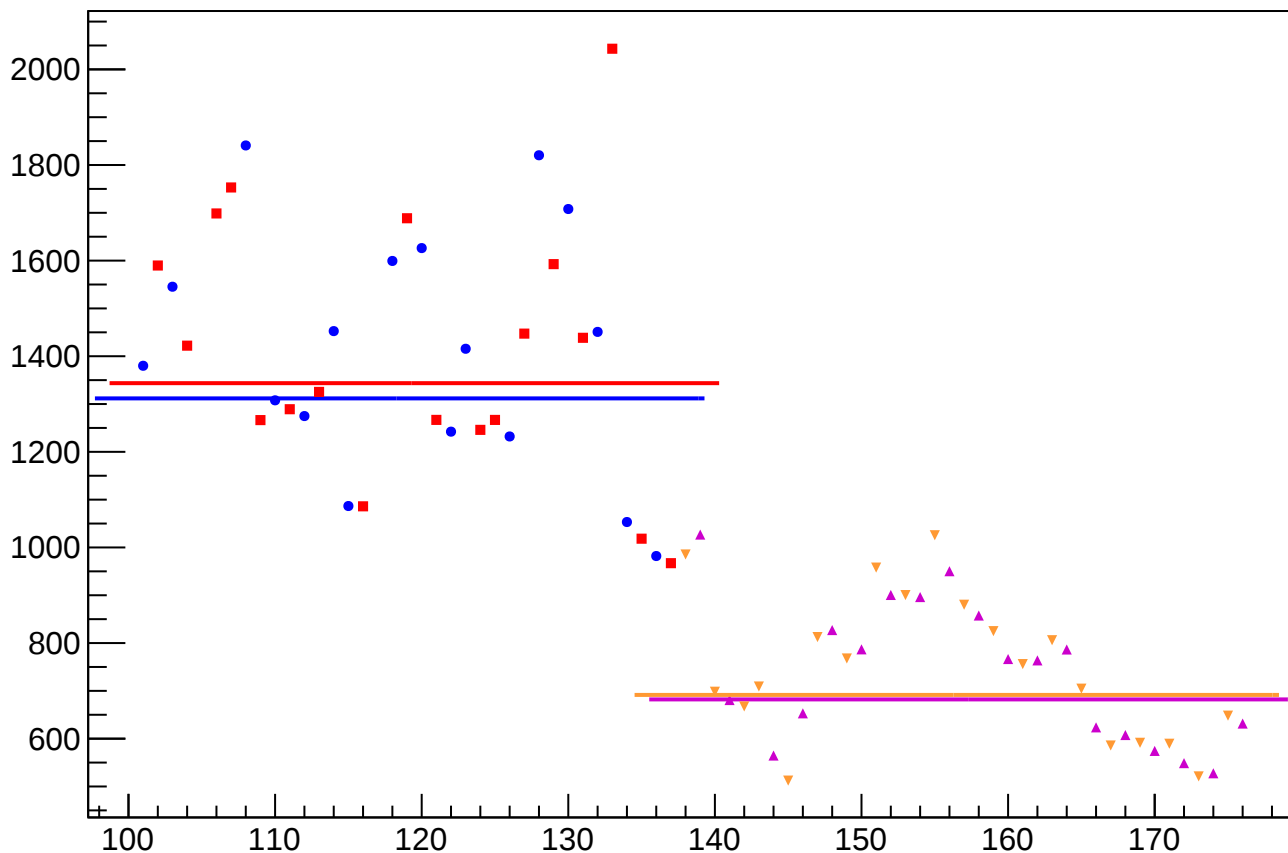
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 87.929+/-170.243 χ^2/NDF : 43.8/35

Out: -769.507+/-171.110 χ^2/NDF : 77.2/37

All: -338.611+/-120.685 χ^2/NDF : 133.6/73

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 ± 0.367 χ^2/NDF : 512676.0/16

Left Out: 691.524 ± 0.128 χ^2/NDF : 1211922.3/19

Right Out: 1343.659 ± 0.365 χ^2/NDF : 461009.9/17

Left In: 682.123 ± 0.127 χ^2/NDF : 1111314.2/18

Left: 686.794 ± 0.090 χ^2/NDF : 2325940.8/38

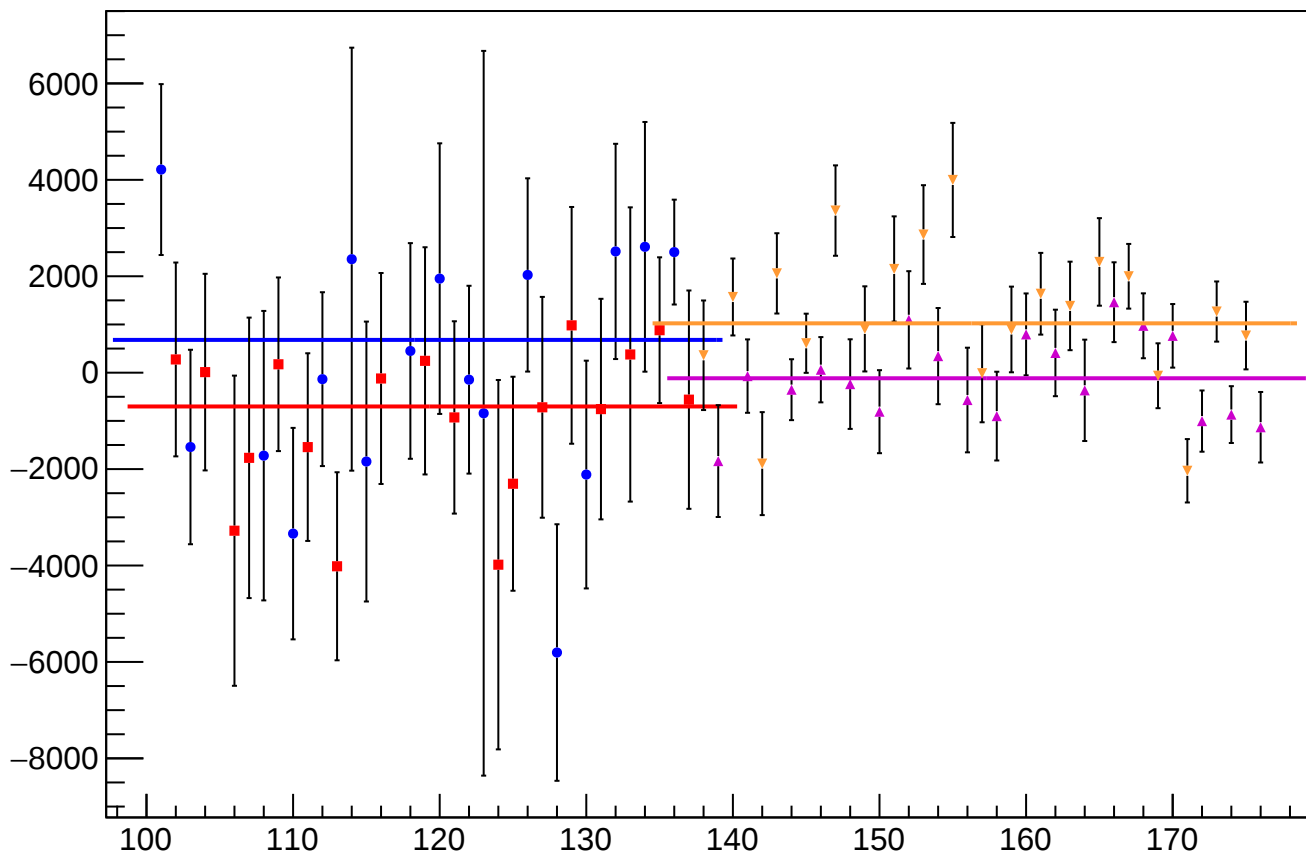
Right: 1327.813 ± 0.259 χ^2/NDF : 977472.0/34

In: 749.810 ± 0.120 χ^2/NDF : 4248930.7/35

Out: 763.110 ± 0.121 χ^2/NDF : 4511824.7/37

All: 756.426 ± 0.085 χ^2/NDF : 8766828.4/73

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1023.591+/-183.753 χ^2/NDF : 57.4/19

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -115.754+/-181.342 χ^2/NDF : 20.7/18

Left: 446.394+/-129.072 χ^2/NDF : 97.6/38

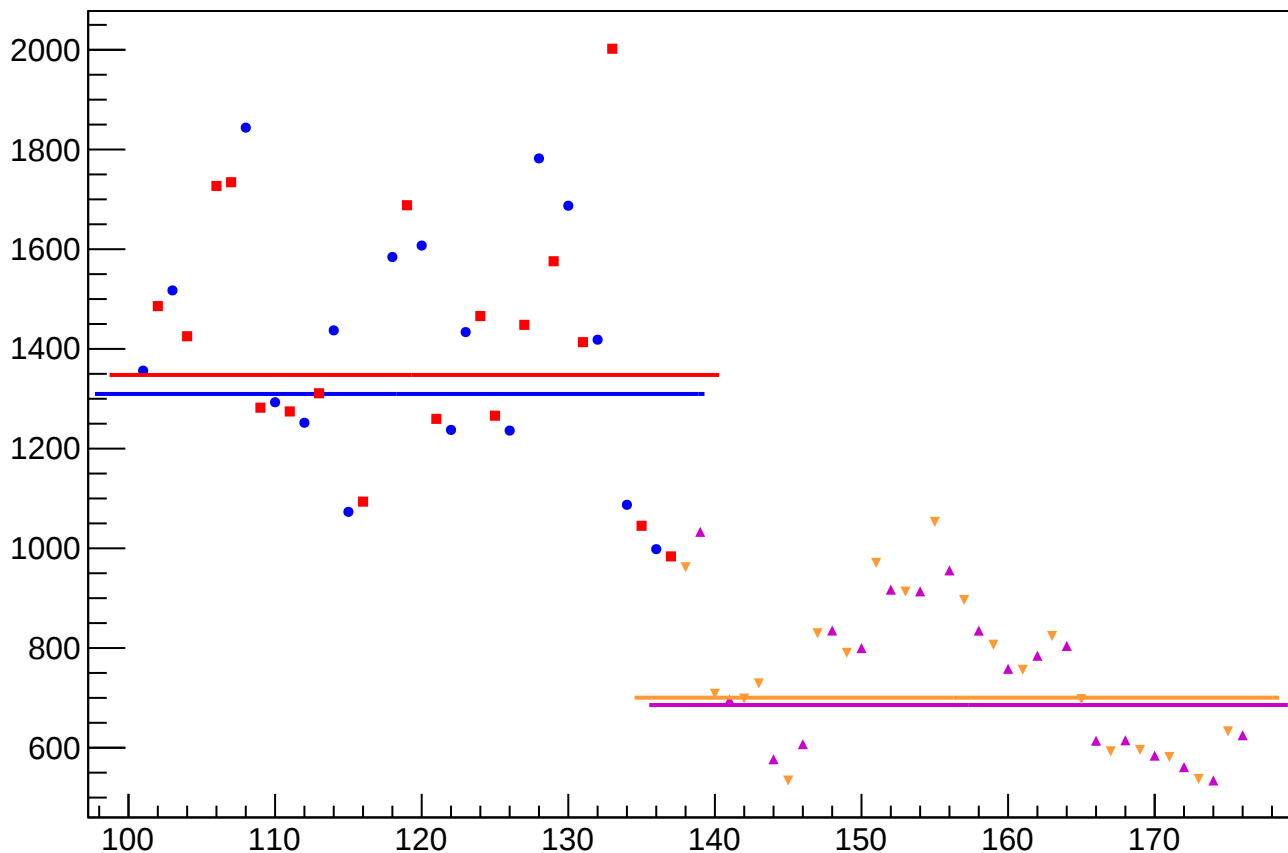
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: -28.737+/-171.139 χ^2/NDF : 45.4/35

Out: 830.386+/-173.154 χ^2/NDF : 74.9/37

All: 395.796+/-121.720 χ^2/NDF : 132.8/73

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 700.390 $\pm$ 0.130 χ^2 /NDF: 1169374.5/19

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 685.678 $\pm$ 0.128 χ^2 /NDF: 1110242.2/18

Left: 692.937 $\pm$ 0.091 χ^2 /NDF: 2286111.7/38

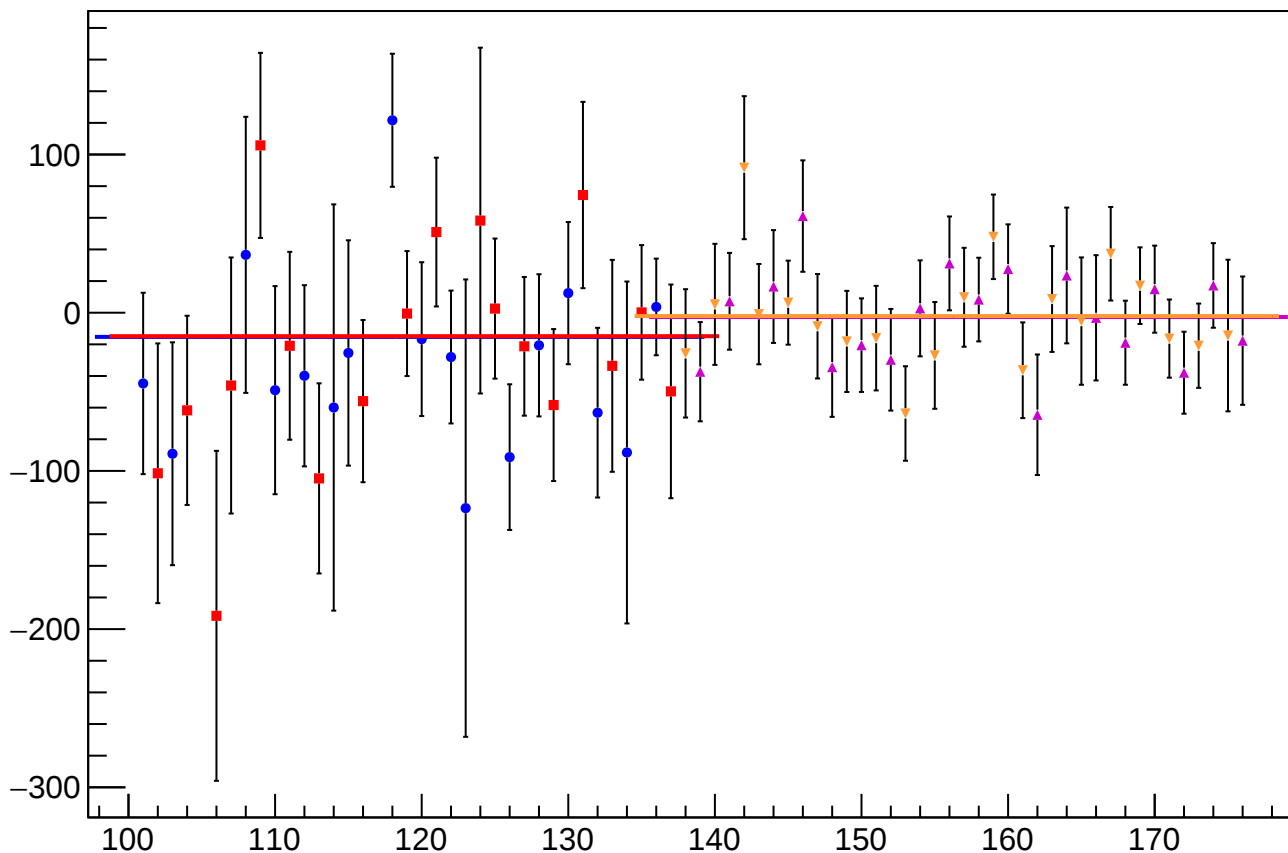
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 753.917 $\pm$ 0.121 χ^2 /NDF: 4159163.0/35

Out: 772.918 $\pm$ 0.122 χ^2 /NDF: 4355868.2/37

All: 763.306 $\pm$ 0.086 χ^2 /NDF: 8527214.4/73

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: -2.123 ± 7.007 χ^2/NDF : 18.4/19

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -2.735 ± 7.105 χ^2/NDF : 16.0/18

Left: -2.425 ± 4.989 χ^2/NDF : 34.4/38

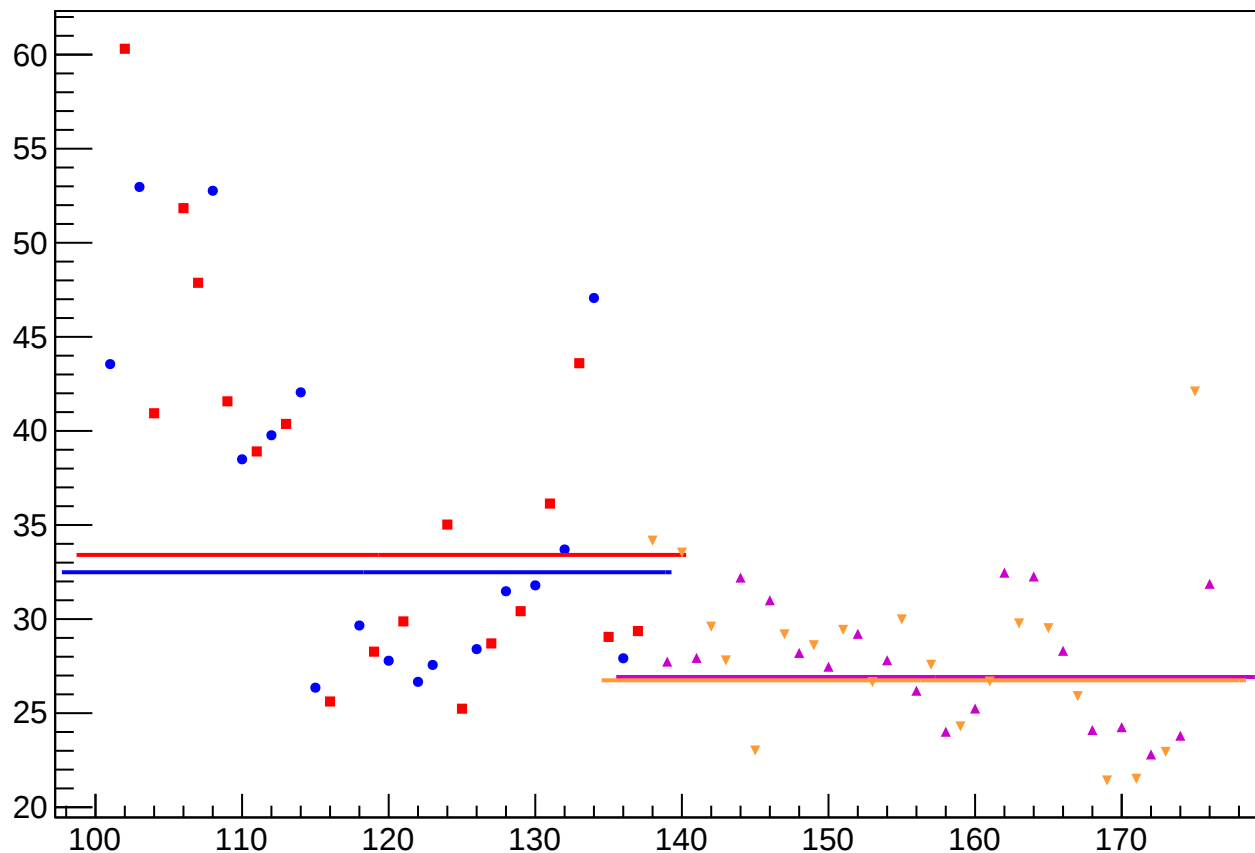
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.652 ± 6.224 χ^2/NDF : 35.0/35

Out: -4.953 ± 6.179 χ^2/NDF : 37.3/37

All: -5.300 ± 4.385 χ^2/NDF : 72.3/73

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: 26.746 $\pm$ 0.005 χ^2 /NDF: 707049.7/19

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 26.923 $\pm$ 0.005 χ^2 /NDF: 347333.7/18

Left: 26.833 $\pm$ 0.004 χ^2 /NDF: 1055012.2/38

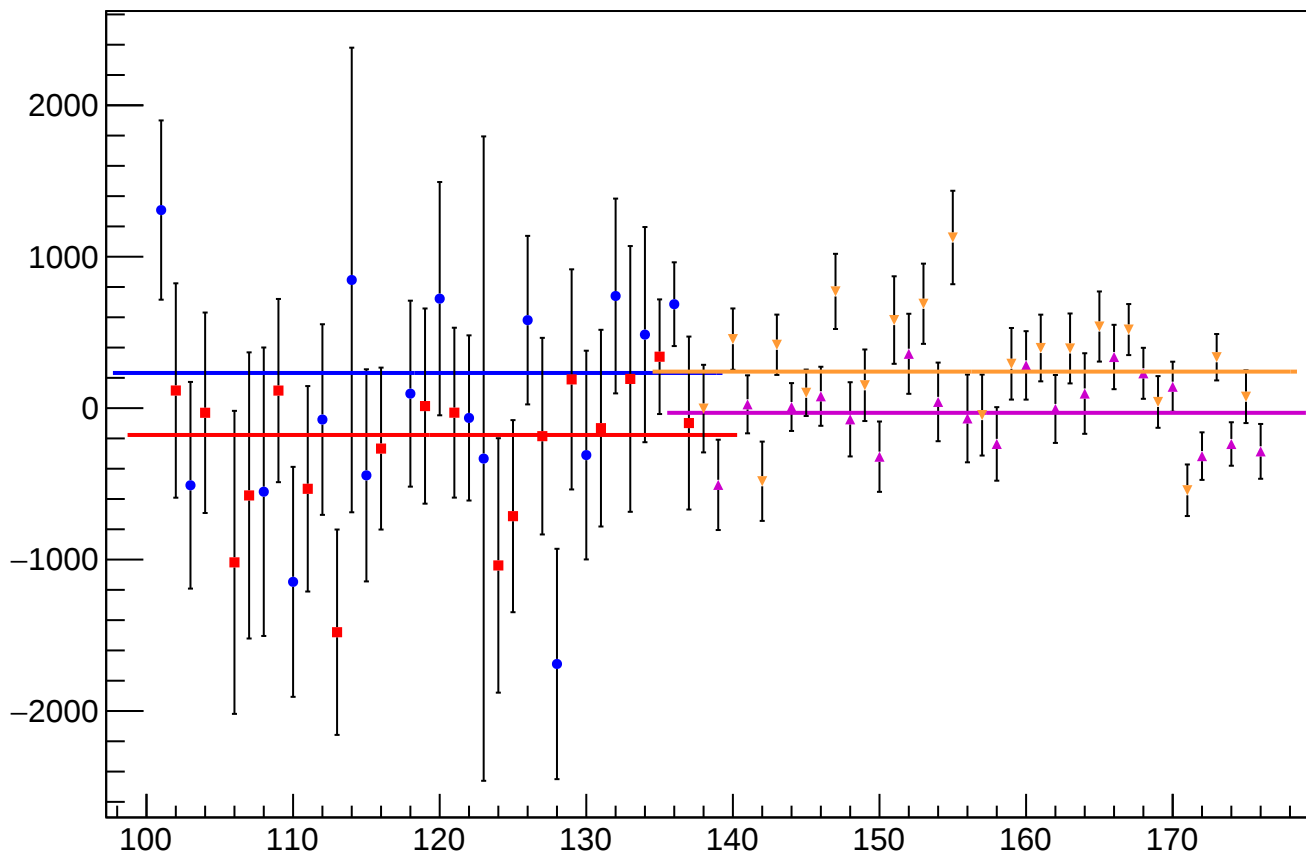
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 28.217 $\pm$ 0.004 χ^2 /NDF: 1227257.9/35

Out: 28.229 $\pm$ 0.004 χ^2 /NDF: 1834892.4/37

All: 28.223 $\pm$ 0.003 χ^2 /NDF: 3062154.1/73

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: 241.268 $\pm$ 46.668 χ^2 /NDF:58.6/19

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -30.945 $\pm$ 46.366 χ^2 /NDF:23.6/18

Left: 104.279 $\pm$ 32.892 χ^2 /NDF: 99.3/38

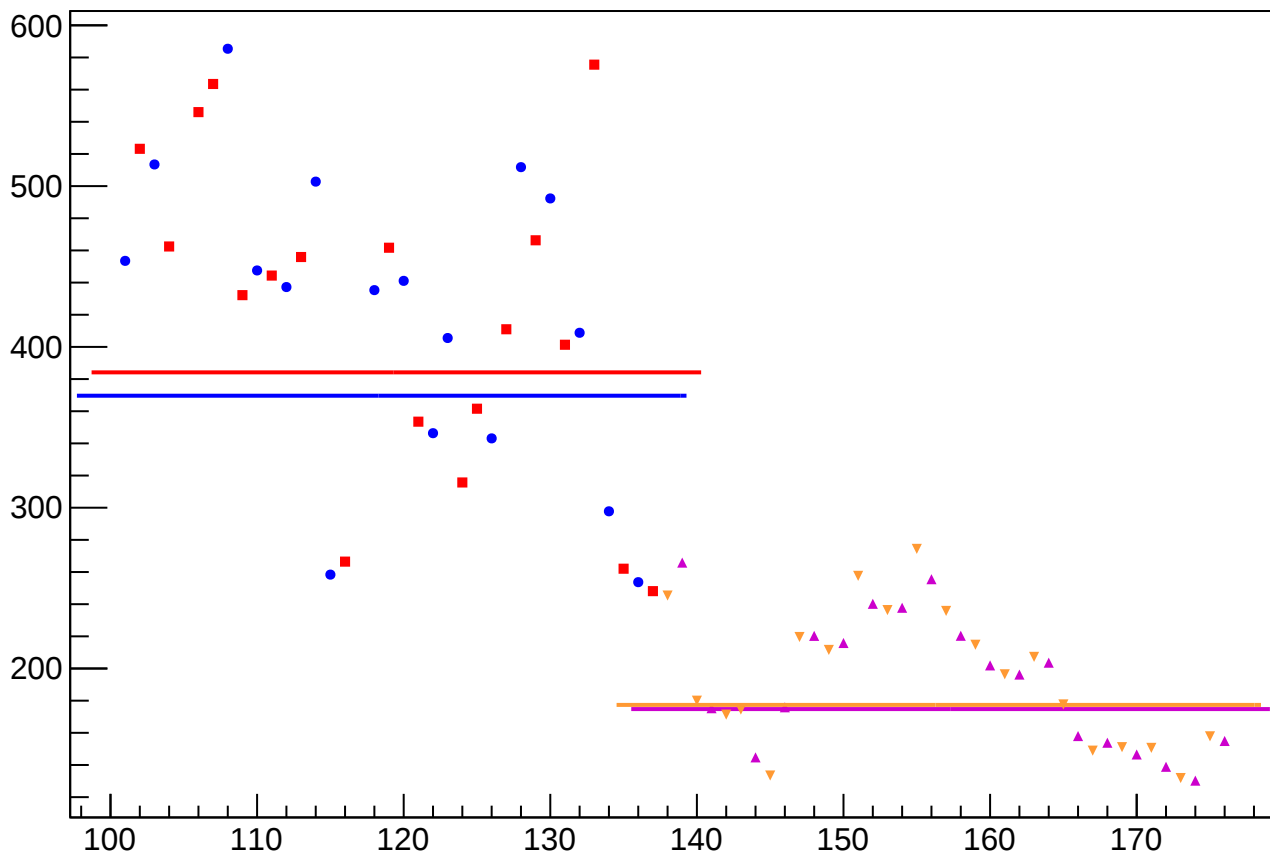
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: -7.589 $\pm$ 44.262 χ^2 /NDF:47.9/35

Out: 204.343 $\pm$ 44.561 χ^2 /NDF:75.3/37

All: 97.663 $\pm$ 31.403 χ^2 /NDF: 134.6/73

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 177.366+/-0.033 χ^2/NDF :1376832.8/19

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 174.767+/-0.033 χ^2/NDF :1349853.8/18

Left: 176.058+/-0.023 χ^2/NDF : 2729807.6/38

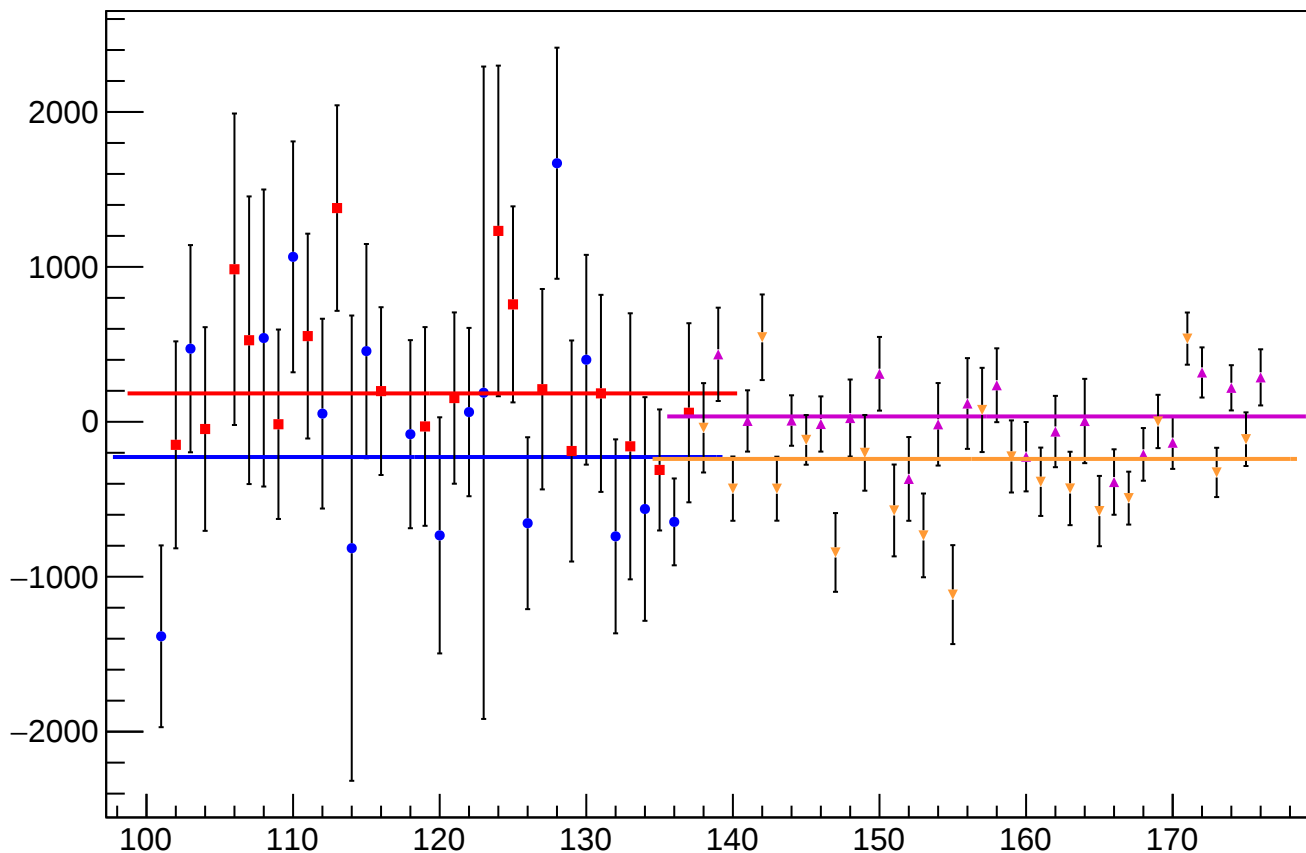
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 192.055+/-0.031 χ^2/NDF :5387021.2/35

Out: 195.616+/-0.032 χ^2/NDF :5717842.0/37

All: 193.824+/-0.022 χ^2/NDF : 11111291.7/73

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -239.544 ± 47.471 χ^2/NDF : 59.6/19

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: 34.703 ± 46.805 χ^2/NDF : 21.5/18

Left: -100.482 ± 33.329 χ^2/NDF : 98.0/38

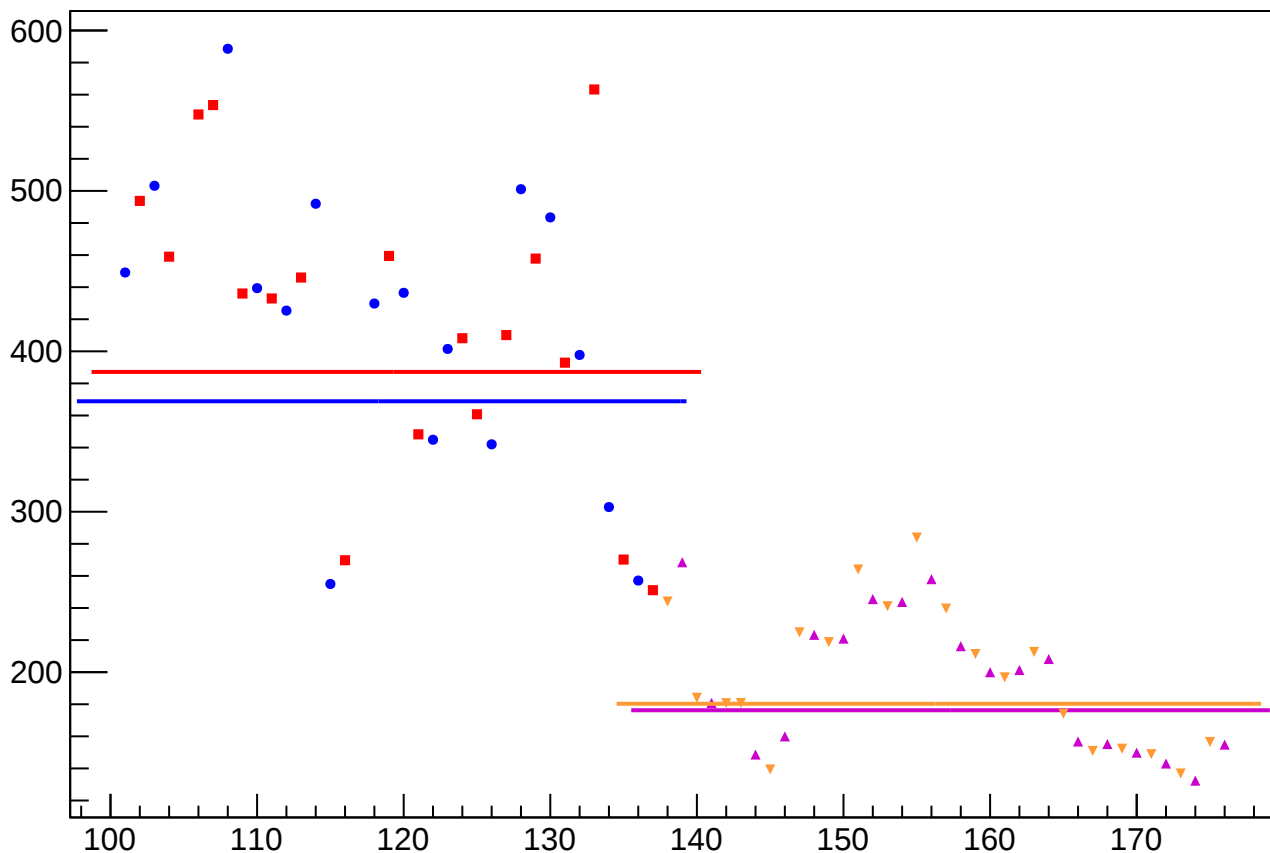
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: 10.861 ± 44.624 χ^2/NDF : 46.2/35

Out: -201.274 ± 45.272 χ^2/NDF : 75.6/37

All: -93.678 ± 31.781 χ^2/NDF : 132.9/73

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: 180.306 $\pm$ 0.034 χ^2 /NDF:1360348.7/19

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 176.261 $\pm$ 0.033 χ^2 /NDF:1339624.2/18

Left: 178.255 $\pm$ 0.024 χ^2 /NDF: 2707336.2/38

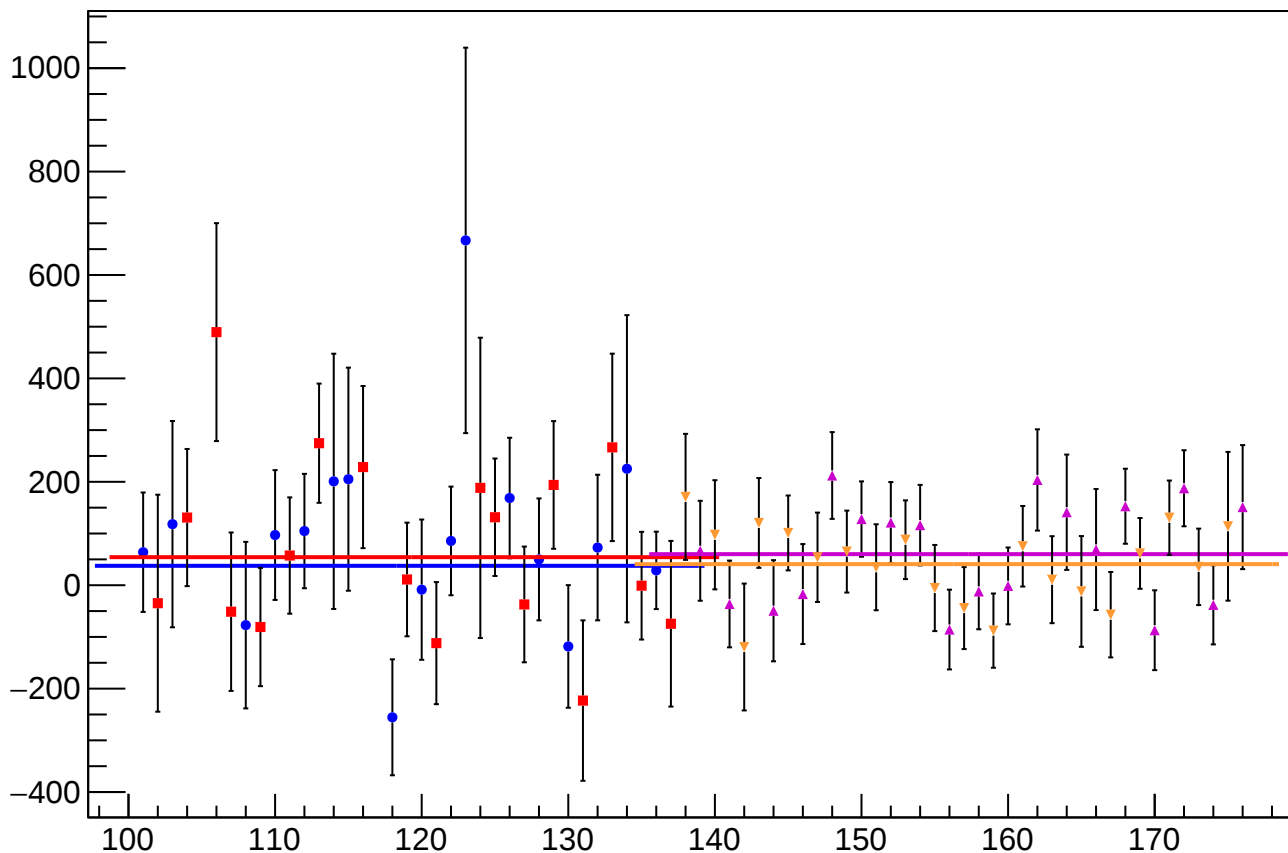
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 193.789 $\pm$ 0.032 χ^2 /NDF:5251450.0/35

Out: 199.027 $\pm$ 0.032 χ^2 /NDF:5555511.1/37

All: 196.370 $\pm$ 0.022 χ^2 /NDF: 10820542.9/73

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 ± 31.460 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 40.767 ± 18.791 $\chi^2/\text{NDF}: 13.7/19$

Right Out: 54.274 ± 31.489 $\chi^2/\text{NDF}: 21.8/17$

Left In: 60.092 ± 19.259 $\chi^2/\text{NDF}: 26.9/18$

Left: 50.192 ± 13.450 $\chi^2/\text{NDF}: 41.1/38$

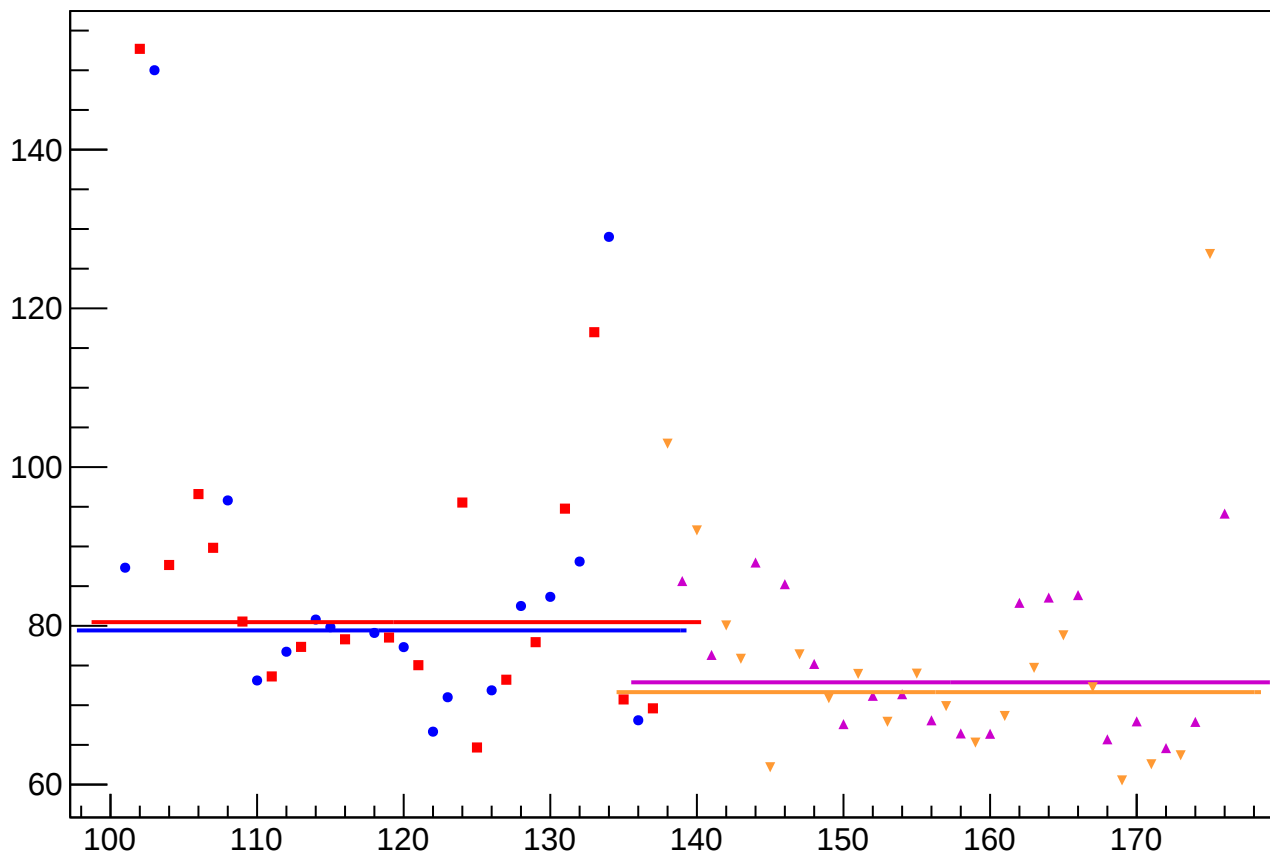
Right: 45.897 ± 22.256 $\chi^2/\text{NDF}: 37.8/34$

In: 53.943 ± 16.426 $\chi^2/\text{NDF}: 43.1/35$

Out: 44.314 ± 16.136 $\chi^2/\text{NDF}: 35.7/37$

All: 49.043 ± 11.511 $\chi^2/\text{NDF}: 78.9/73$

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: 71.645 $\pm$ 0.013 χ^2 /NDF: 702615.5/19

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 72.883 $\pm$ 0.014 χ^2 /NDF: 351990.1/18

Left: 72.249 $\pm$ 0.010 χ^2 /NDF: 1058838.5/38

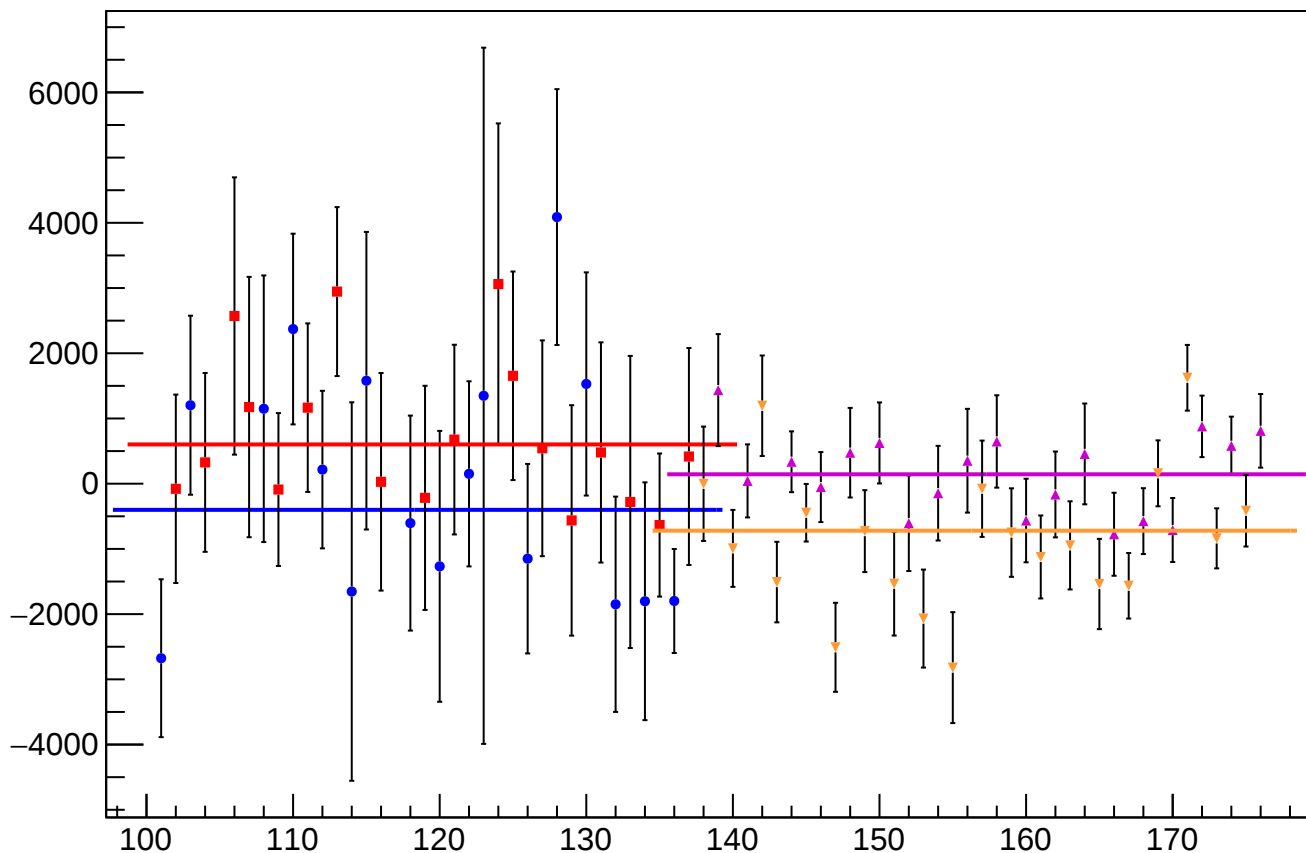
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 74.665 $\pm$ 0.012 χ^2 /NDF: 853876.0/35

Out: 73.961 $\pm$ 0.011 χ^2 /NDF: 1272705.6/37

All: 74.307 $\pm$ 0.008 χ^2 /NDF: 2128451.9/73

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -720.619 ± 136.544 $\chi^2/\text{NDF}: 56.8/19$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 144.113 ± 135.753 $\chi^2/\text{NDF}: 18.7/18$

Left: -285.741 ± 96.270 $\chi^2/\text{NDF}: 95.8/38$

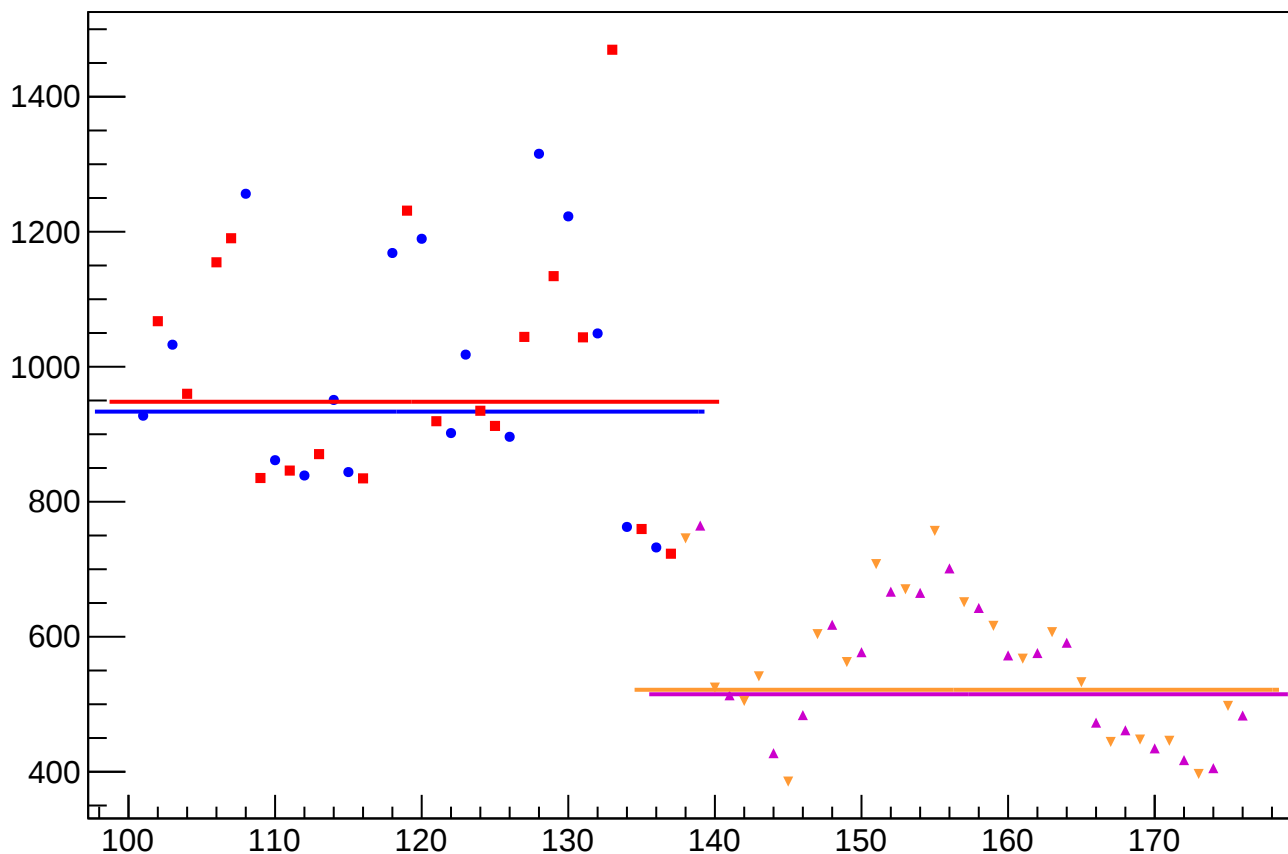
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: 78.962 ± 127.383 $\chi^2/\text{NDF}: 42.6/35$

Out: -557.216 ± 127.831 $\chi^2/\text{NDF}: 77.1/37$

All: -238.011 ± 90.231 $\chi^2/\text{NDF}: 132.1/73$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 521.468 $\pm$ 0.097 χ^2 /NDF: 1131757.4/19

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 514.814 $\pm$ 0.096 χ^2 /NDF: 1006781.6/18

Left: 518.121 $\pm$ 0.068 χ^2 /NDF: 2140927.5/38

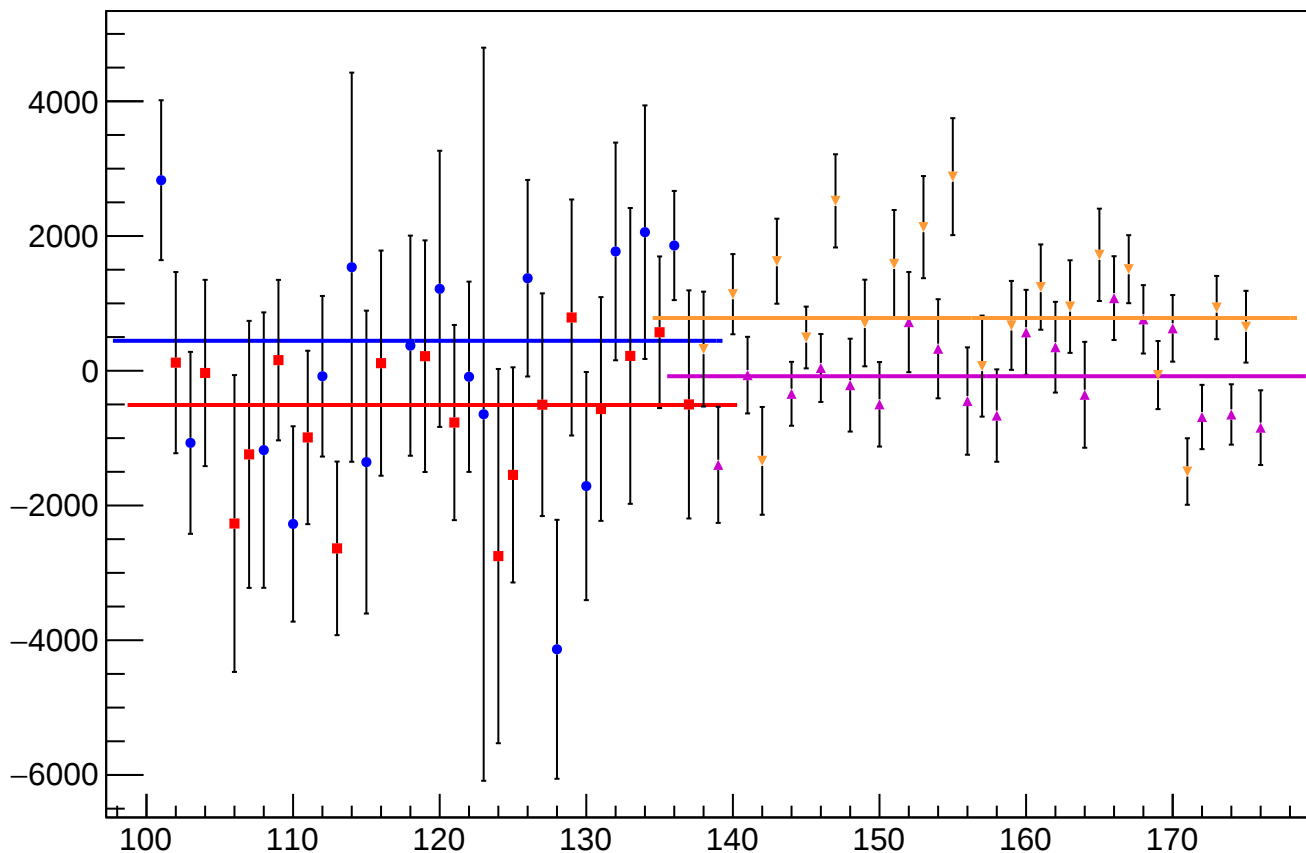
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 564.854 $\pm$ 0.090 χ^2 /NDF: 3722987.9/35

Out: 574.184 $\pm$ 0.090 χ^2 /NDF: 3949683.3/37

All: 569.502 $\pm$ 0.064 χ^2 /NDF: 7678017.6/73

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 783.537+/-137.381 χ^2/NDF :55.9/19

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -81.101+/-135.671 χ^2/NDF :20.6/18

Left: 345.802+/-96.533 χ^2/NDF : 96.6/38

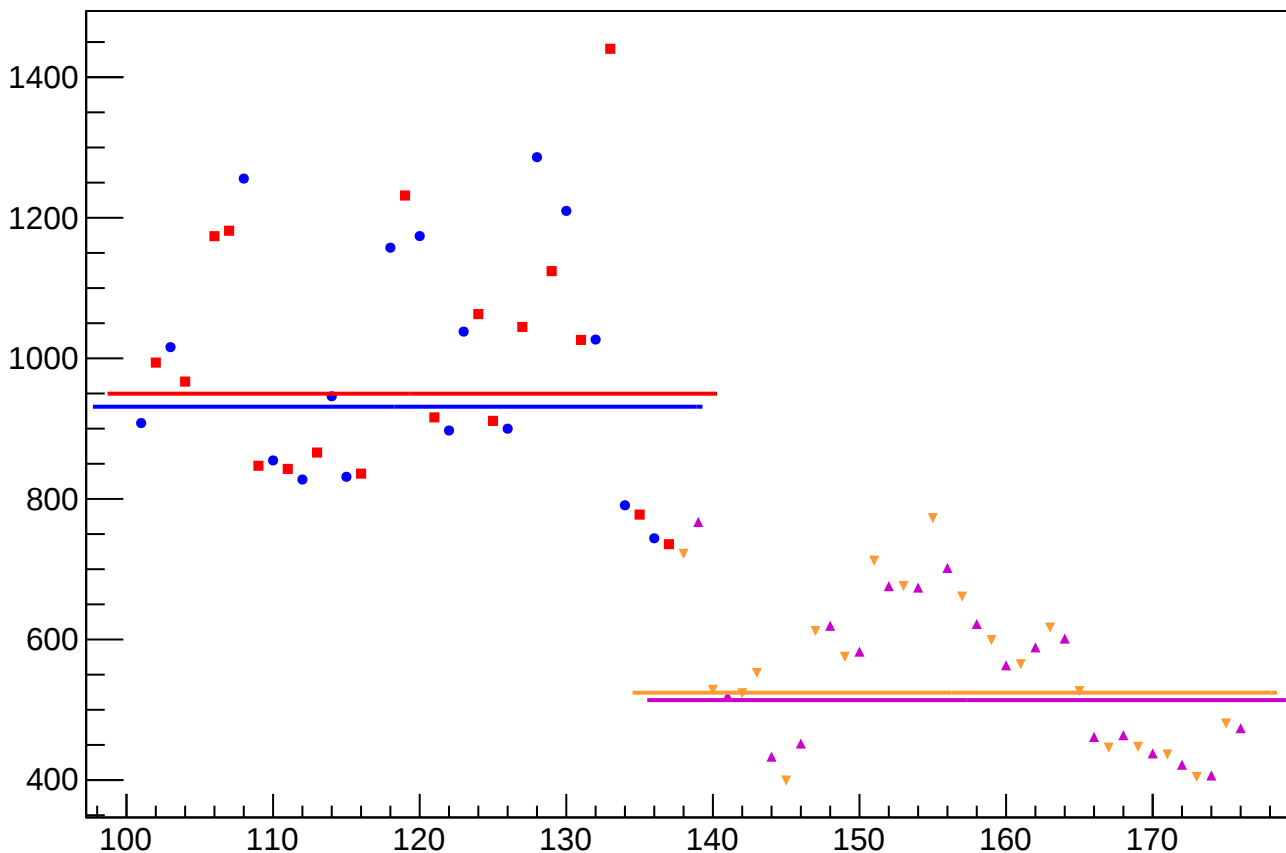
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -17.918+/-127.258 χ^2/NDF :45.3/35

Out: 622.560+/-128.536 χ^2/NDF :74.3/37

All: 299.121+/-90.434 χ^2/NDF : 132.1/73

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 524.330 $\pm$ 0.097 χ^2/NDF :1097110.0/19

Right Out: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

Left In: 513.765 $\pm$ 0.096 χ^2/NDF :1024357.8/18

Left: 518.981 $\pm$ 0.068 χ^2/NDF : 2127455.6/38

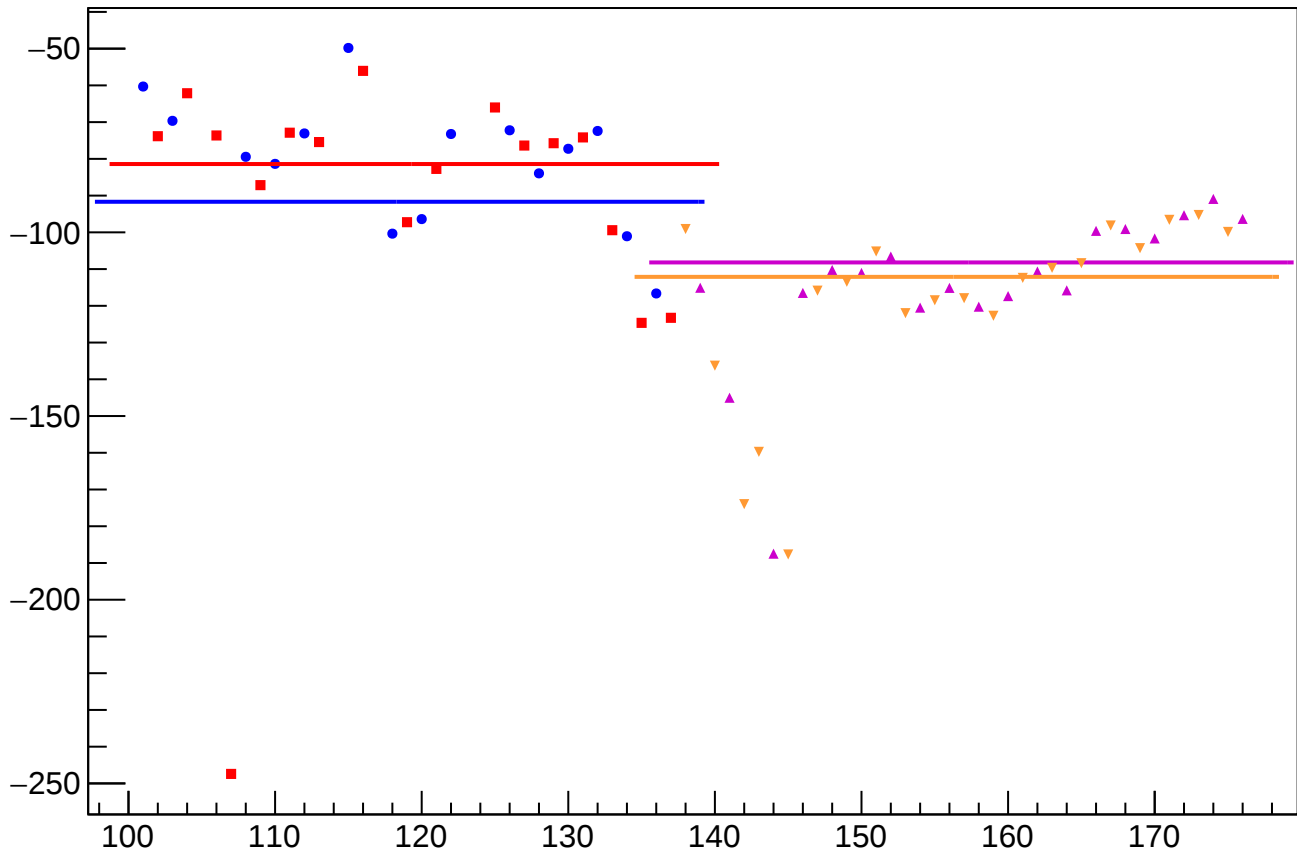
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 563.930 $\pm$ 0.090 χ^2/NDF :3699932.7/35

Out: 577.344 $\pm$ 0.091 χ^2/NDF :3852530.6/37

All: 570.570 $\pm$ 0.064 χ^2/NDF : 7563463.3/73

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -112.117+/-0.060 χ^2/NDF : 51738.9/19

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -108.193+/-0.050 χ^2/NDF : 105958.6/18

Left: -109.811+/-0.038 χ^2/NDF : 160249.9/38

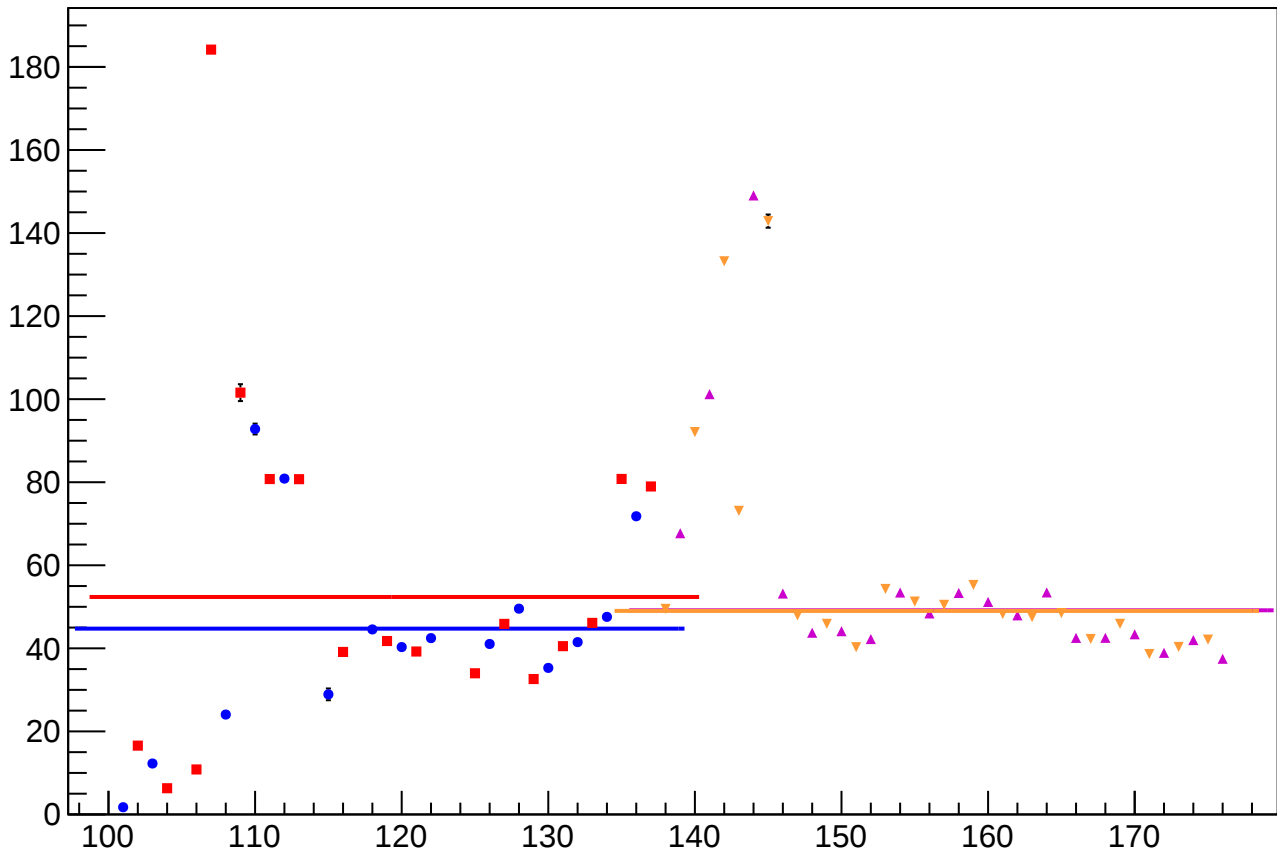
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -102.644+/-0.041 χ^2/NDF : 207390.8/33

Out: -103.894+/-0.051 χ^2/NDF : 164677.5/36

All: -103.130+/-0.032 χ^2/NDF : 372436.3/70

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 49.018+/-0.049 χ^2/NDF :54906.0/19

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 49.159+/-0.044 χ^2/NDF :139358.2/18

Left: 49.096+/-0.033 χ^2/NDF : 194268.8/38

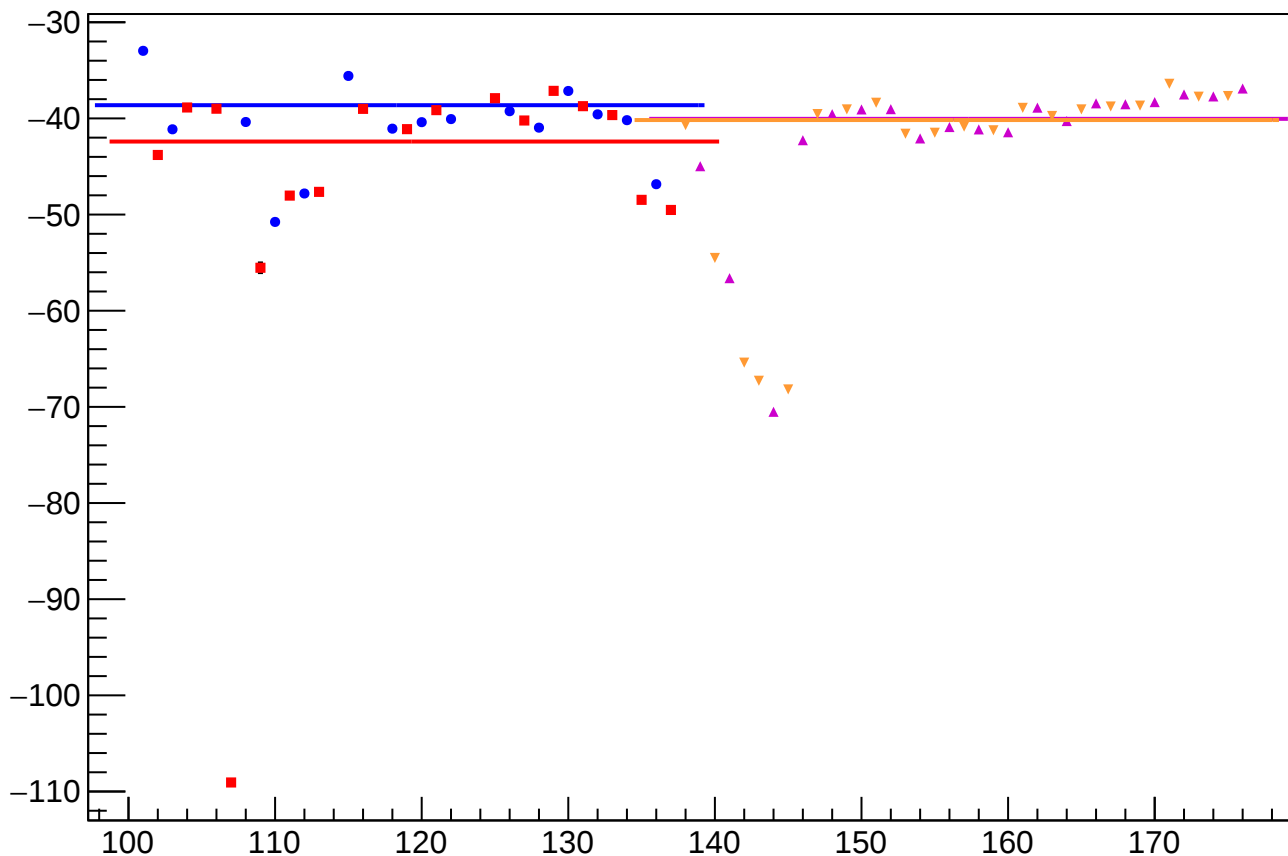
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 47.628+/-0.036 χ^2/NDF :227525.2/33

Out: 49.552+/-0.045 χ^2/NDF :124935.2/36

All: 48.371+/-0.028 χ^2/NDF : 353583.9/70

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.170 ± 0.007 χ^2/NDF : 235352.9/19

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.046 ± 0.008 χ^2/NDF : 185284.7/18

Left: -40.112 ± 0.005 χ^2/NDF : 420771.8/38

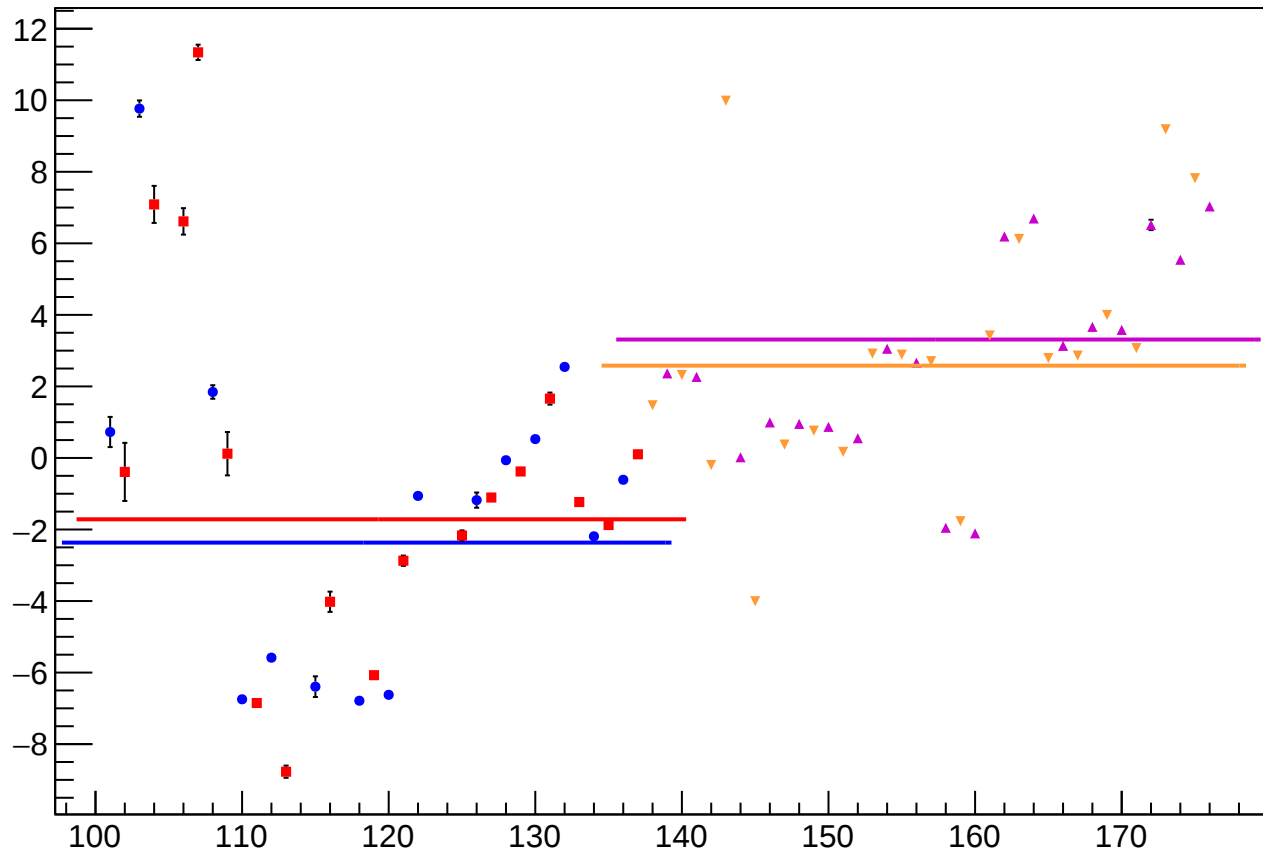
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.374 ± 0.006 χ^2/NDF : 440944.0/33

Out: -40.407 ± 0.007 χ^2/NDF : 514355.1/36

All: -39.790 ± 0.004 χ^2/NDF : 968593.5/70

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.581 ± 0.008 χ^2/NDF : 104308.1/19

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.311 ± 0.006 χ^2/NDF : 183684.2/18

Left: 3.032 ± 0.005 χ^2/NDF : 293128.8/38

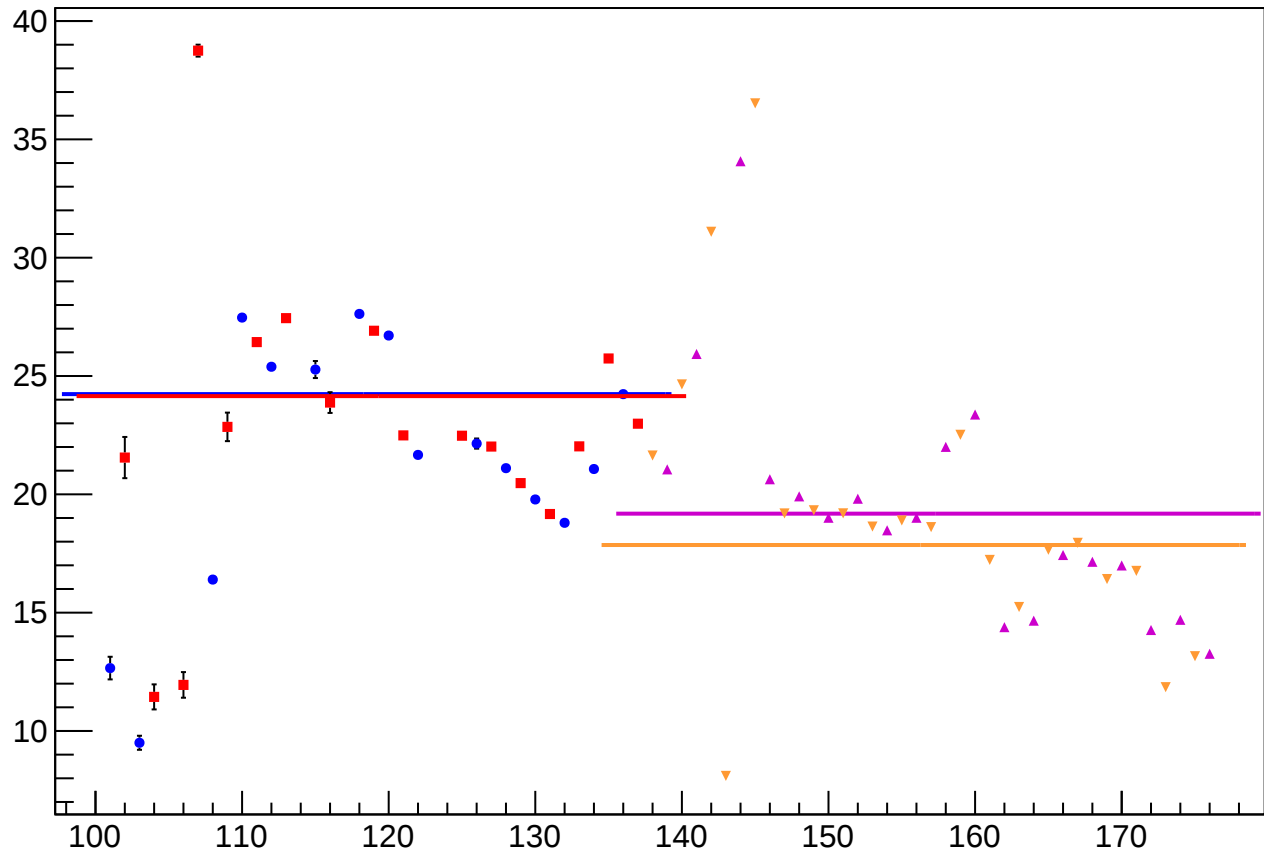
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.364 ± 0.006 χ^2/NDF : 348077.7/33

Out: 2.234 ± 0.008 χ^2/NDF : 140311.3/36

All: 2.317 ± 0.005 χ^2/NDF : 488572.2/70

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 17.858+/-0.008 χ^2/NDF :114460.9/19

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 19.183+/-0.008 χ^2/NDF :146390.6/18

Left: 18.549+/-0.006 χ^2/NDF : 274824.4/38

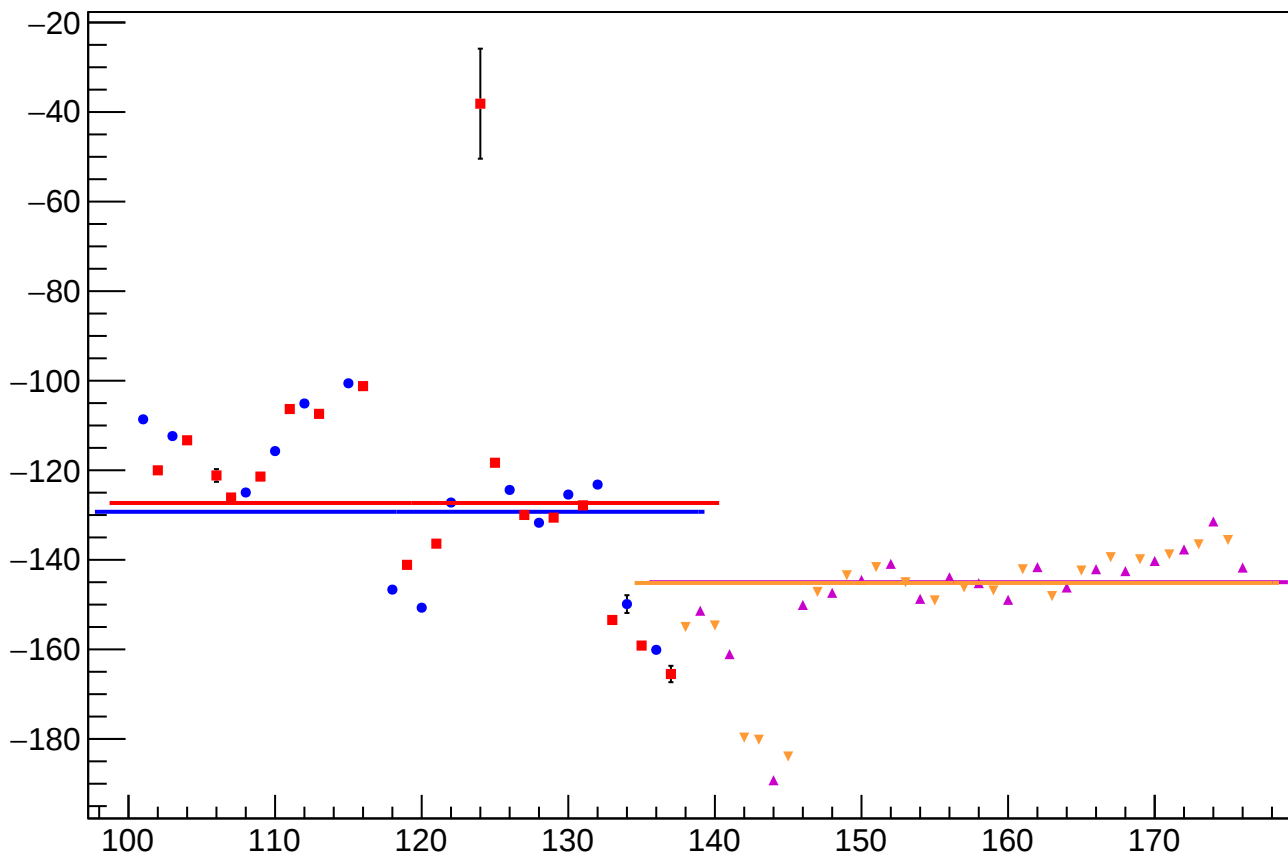
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 19.741+/-0.007 χ^2/NDF :215100.9/33

Out: 18.483+/-0.008 χ^2/NDF :187707.4/36

All: 19.143+/-0.005 χ^2/NDF : 416857.4/70

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -145.163 ± 0.048 χ^2/NDF : 41269.8/19

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.991 ± 0.049 χ^2/NDF : 32260.8/18

Left: -145.078 ± 0.034 χ^2/NDF : 73536.9/38

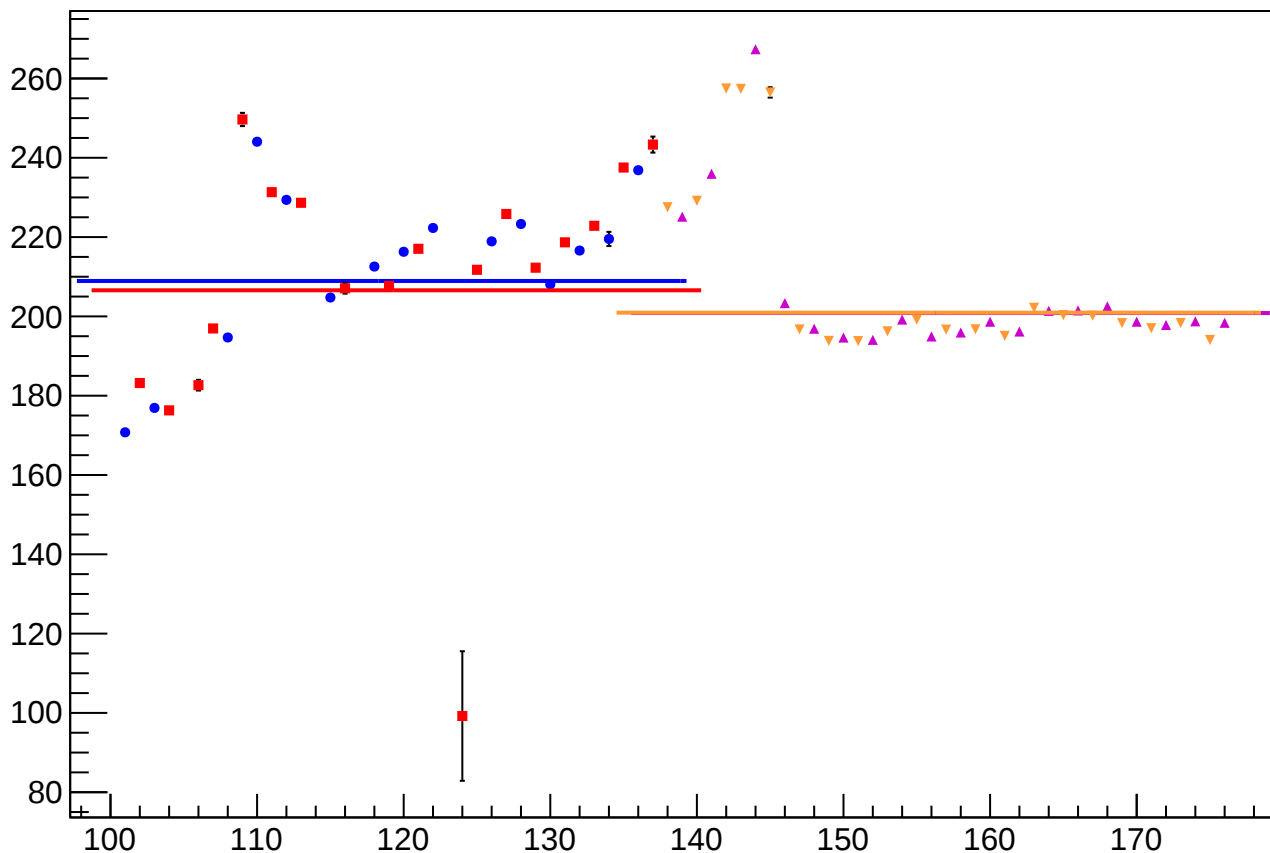
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.267 ± 0.043 χ^2/NDF : 91841.6/33

Out: -140.742 ± 0.042 χ^2/NDF : 104628.4/37

All: -140.999 ± 0.030 χ^2/NDF : 196546.9/71

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 ± 0.089 χ^2/NDF : 44684.8/14

Left Out: 200.946 ± 0.041 χ^2/NDF : 107485.6/19

Right Out: 206.581 ± 0.083 χ^2/NDF : 48210.8/17

Left In: 200.846 ± 0.042 χ^2/NDF : 77005.3/18

Left: 200.898 ± 0.029 χ^2/NDF : 184493.8/38

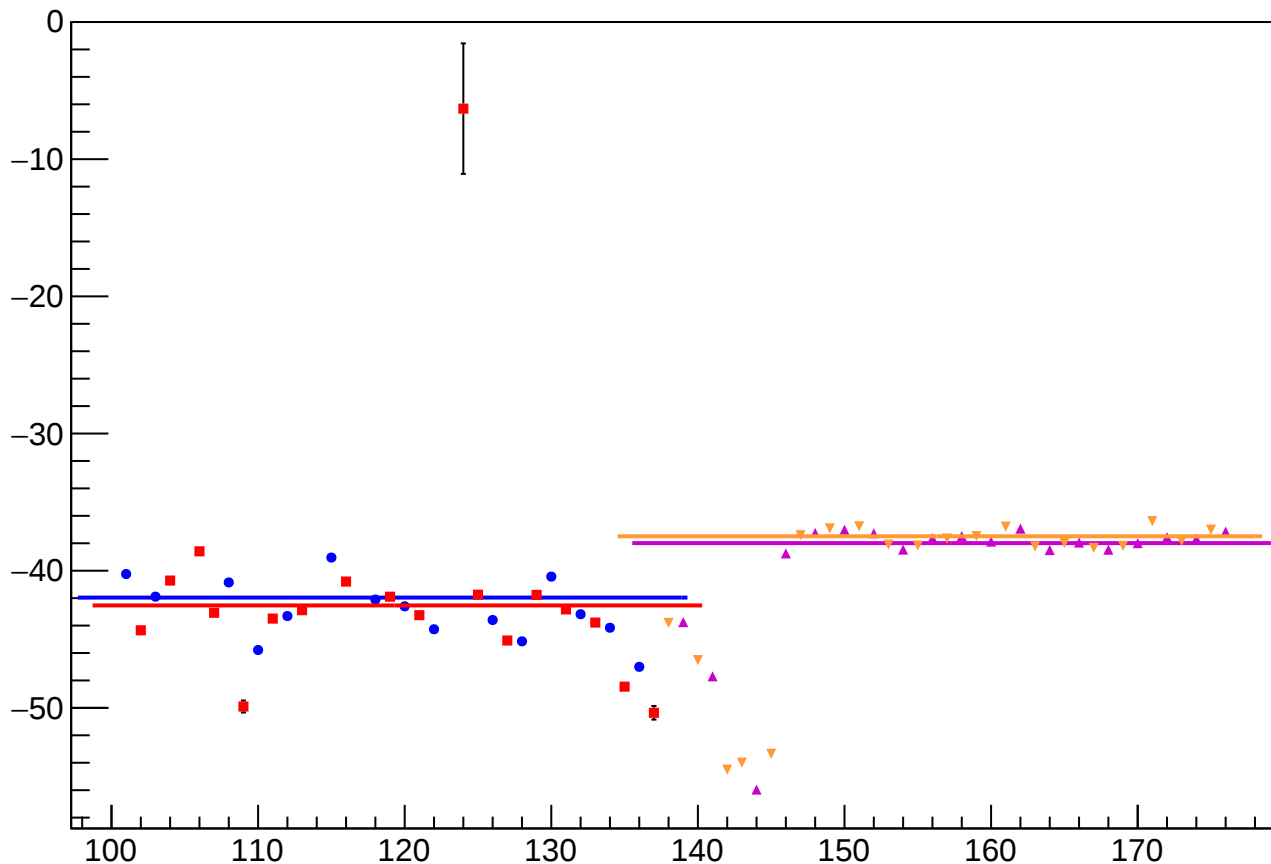
Right: 207.675 ± 0.061 χ^2/NDF : 93267.6/32

In: 202.340 ± 0.038 χ^2/NDF : 128392.2/33

Out: 202.037 ± 0.037 χ^2/NDF : 159396.4/37

All: 202.181 ± 0.026 χ^2/NDF : 287821.3/71

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF : 24229.7/14

Left Out: -37.491+/-0.004 χ^2/NDF : 227993.2/19

Right Out: -42.532+/-0.021 χ^2/NDF : 6137.0/17

Left In: -37.988+/-0.005 χ^2/NDF : 135333.2/18

Left: -37.704+/-0.003 χ^2/NDF : 370039.9/38

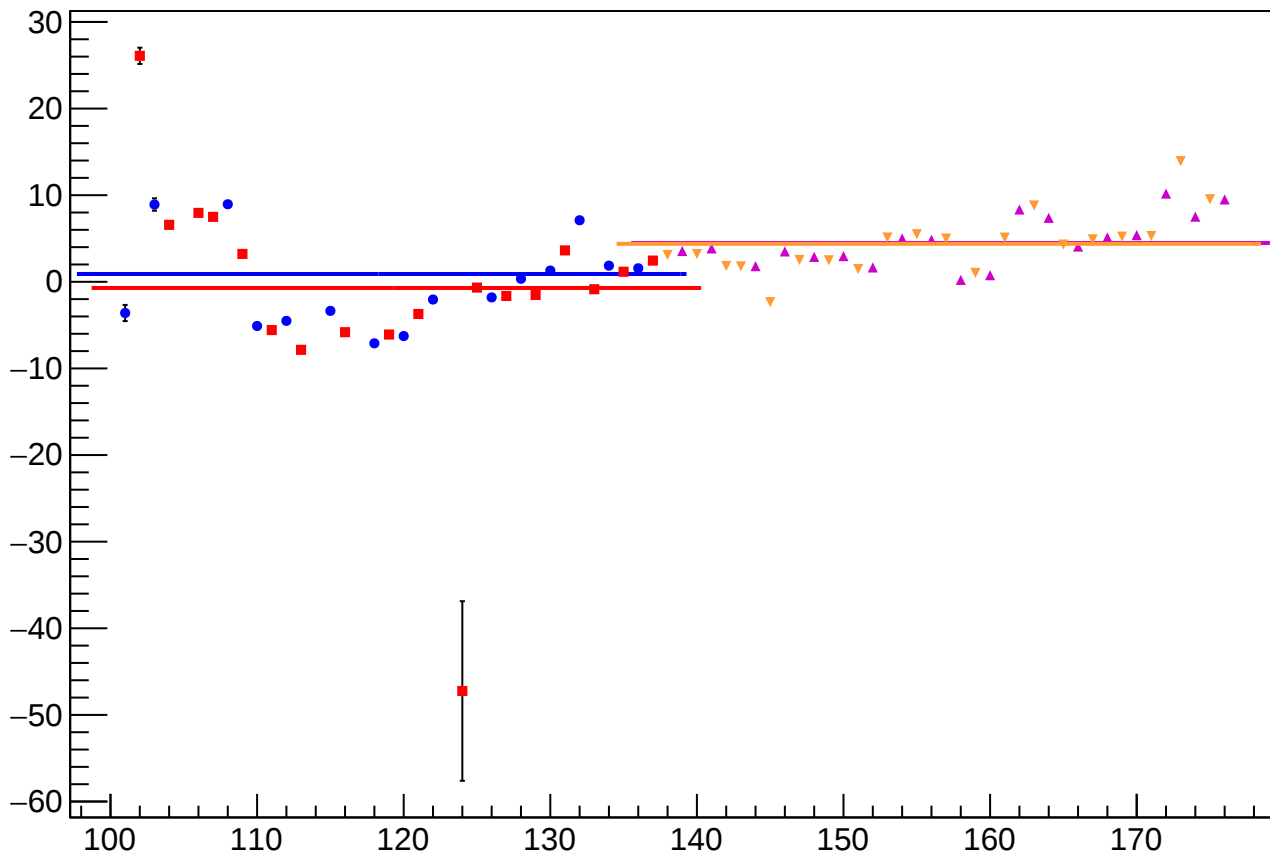
Right: -42.168+/-0.012 χ^2/NDF : 30855.6/32

In: -38.304+/-0.004 χ^2/NDF : 219161.2/33

Out: -37.671+/-0.004 χ^2/NDF : 291576.2/37

All: -37.950+/-0.003 χ^2/NDF : 522321.9/71

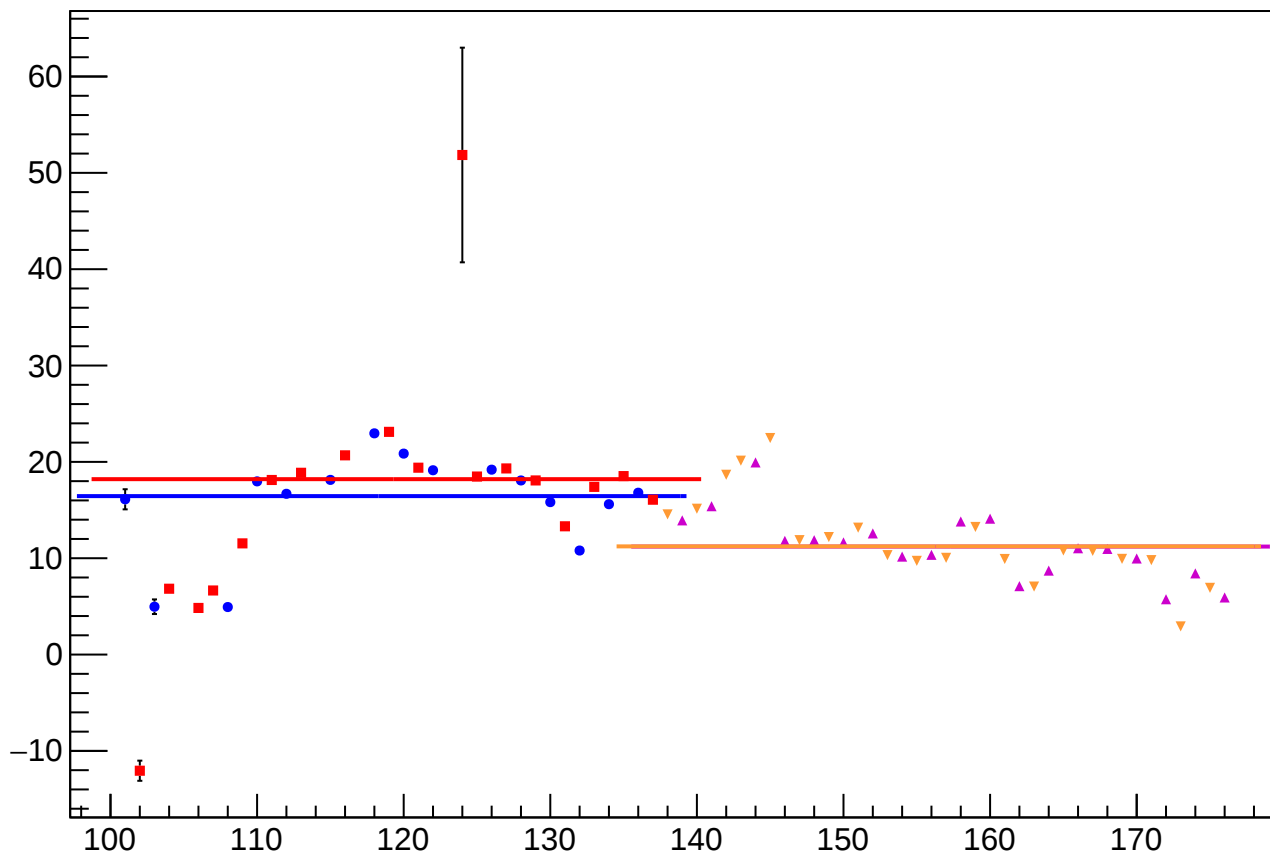
dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14
 Left Out: 4.385 ± 0.006 χ^2/NDF : 124175.3/19
 Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17
 Left In: 4.484 ± 0.007 χ^2/NDF : 114044.8/18

Left: 4.428 ± 0.005 χ^2/NDF : 238326.0/38
 Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32
 In: 4.071 ± 0.007 χ^2/NDF : 163417.6/33
 Out: 4.061 ± 0.006 χ^2/NDF : 196083.5/37
 All: 4.066 ± 0.005 χ^2/NDF : 359502.1/71

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.230 $\pm$ 0.008 χ^2 /NDF:113884.3/19

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.210 $\pm$ 0.009 χ^2 /NDF:77156.9/18

Left: 11.221 $\pm$ 0.006 χ^2 /NDF: 191043.9/38

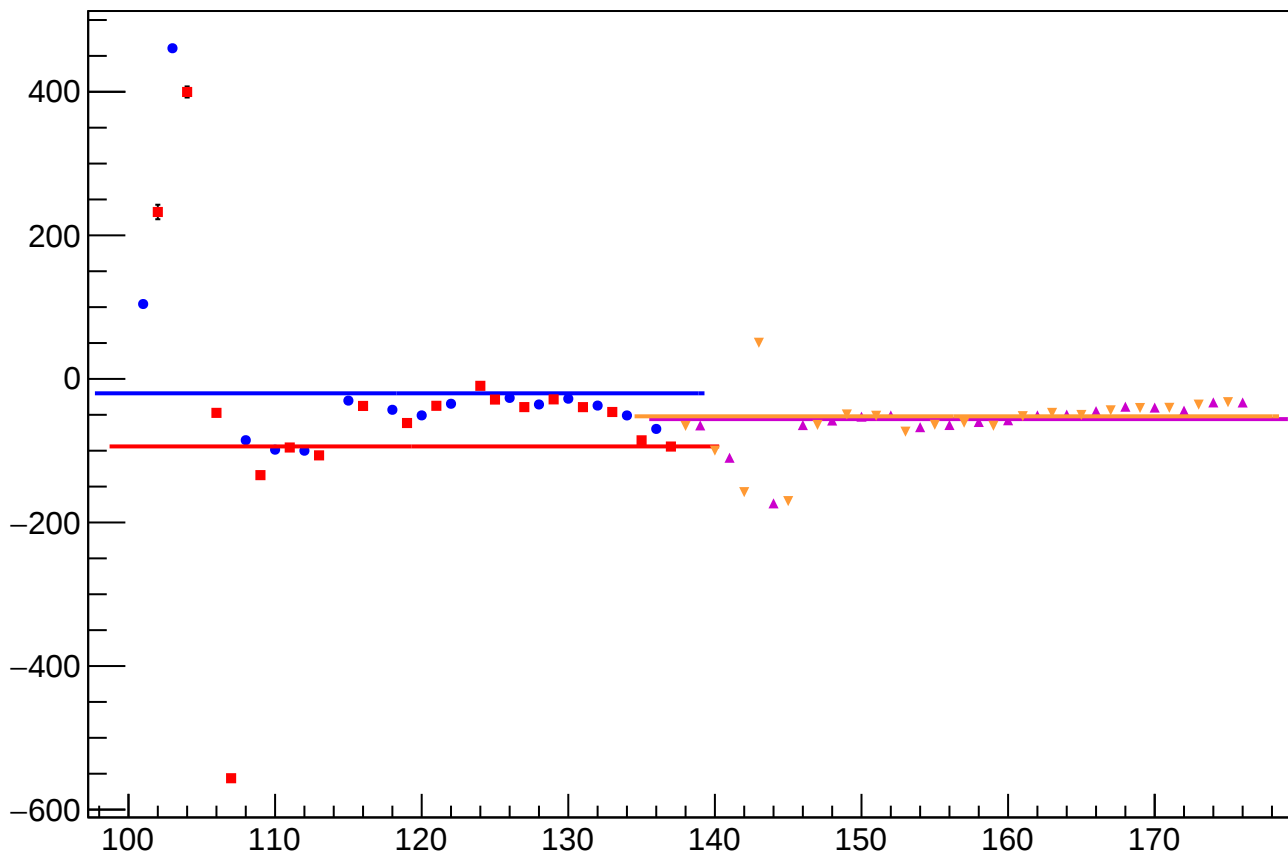
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.835 $\pm$ 0.008 χ^2 /NDF:131884.9/33

Out: 12.212 $\pm$ 0.008 χ^2 /NDF:241563.8/37

All: 12.042 $\pm$ 0.006 χ^2 /NDF: 374545.0/71

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -52.101 ± 0.095 $\chi^2/\text{NDF}: 55525.4/19$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -55.987 ± 0.109 $\chi^2/\text{NDF}: 55807.6/18$

Left: -53.796 ± 0.072 $\chi^2/\text{NDF}: 112055.6/38$

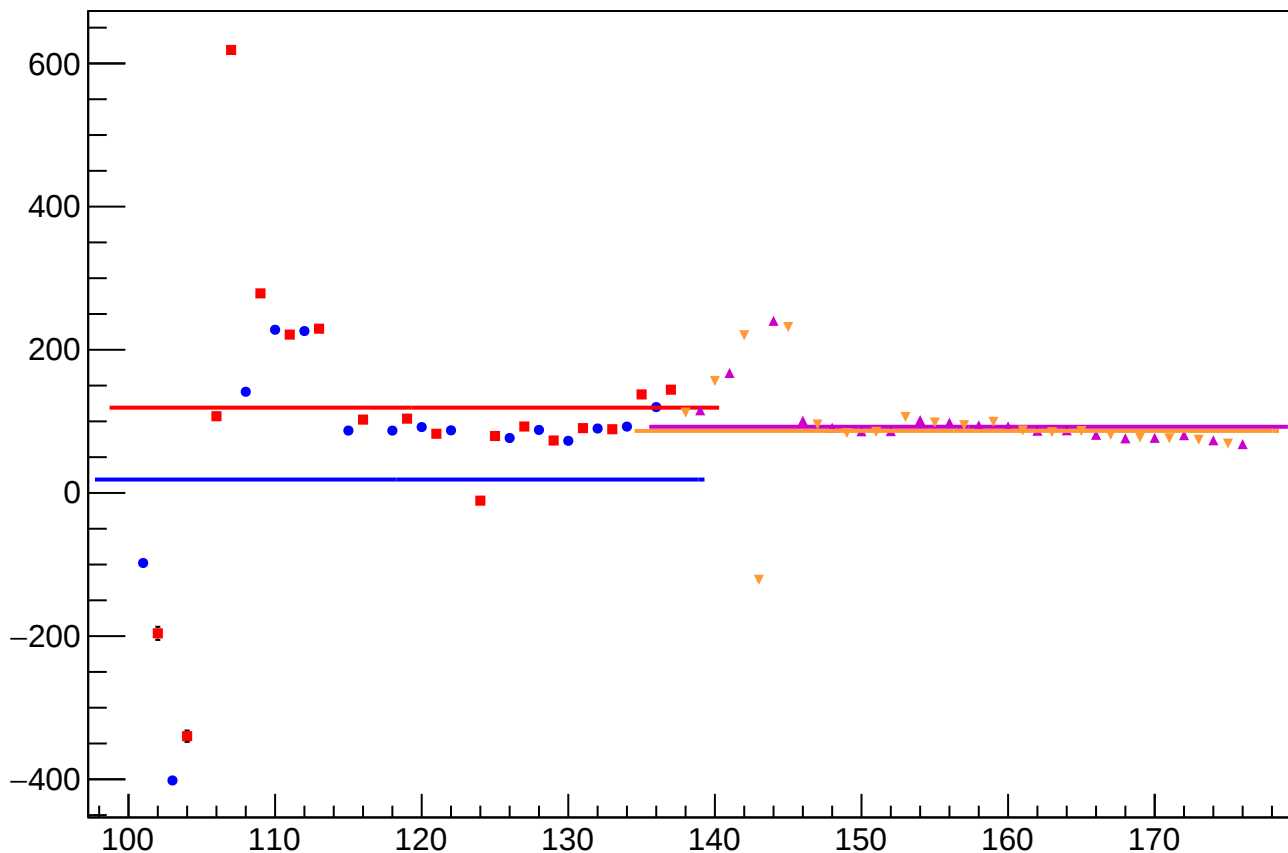
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.972 ± 0.089 $\chi^2/\text{NDF}: 533901.1/33$

Out: -93.350 ± 0.012 $\chi^2/\text{NDF}: 332881.8/37$

All: -92.412 ± 0.012 $\chi^2/\text{NDF}: 1171732.1/71$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 86.667 ± 0.085 $\chi^2/\text{NDF}: 173653.5/19$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 92.461 ± 0.095 $\chi^2/\text{NDF}: 77052.7/18$

Left: 89.233 ± 0.063 $\chi^2/\text{NDF}: 252781.1/38$

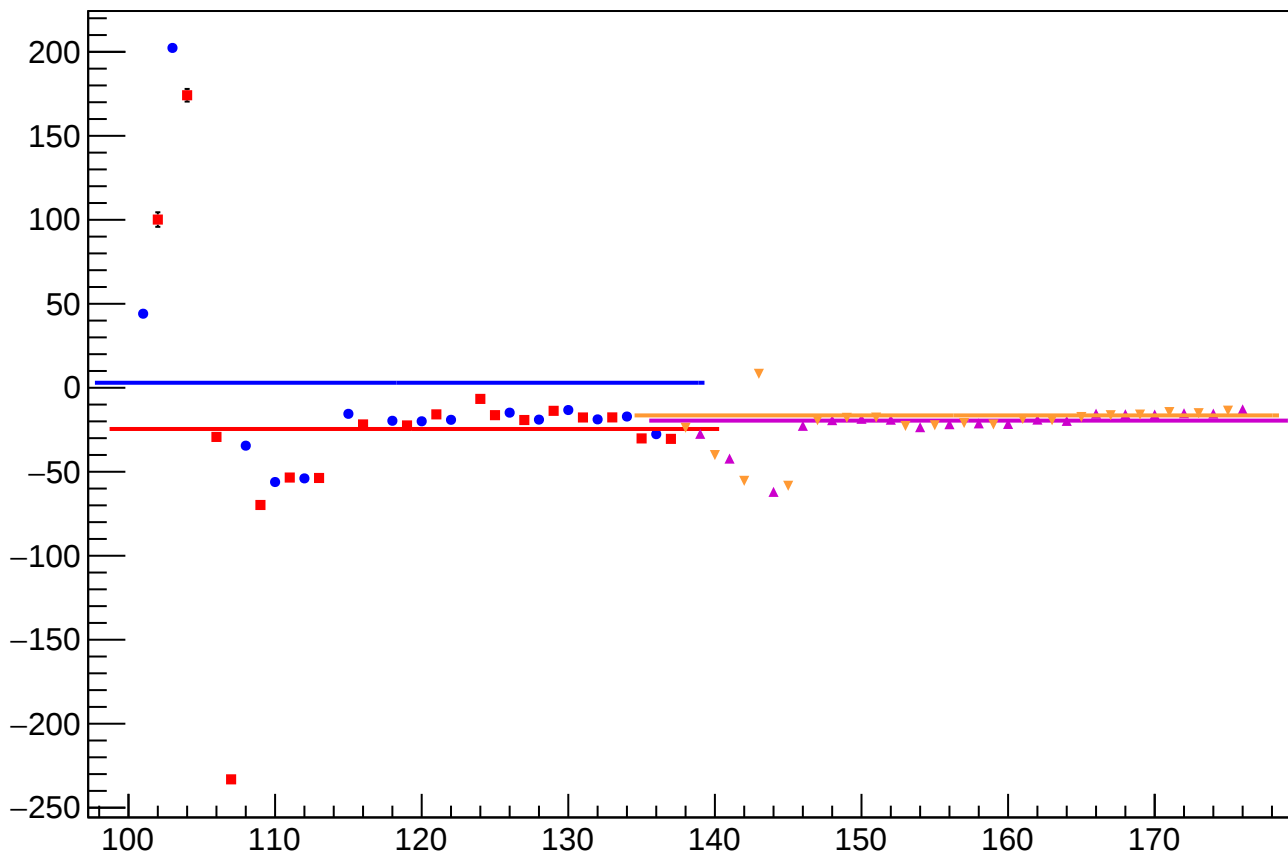
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.785 ± 0.081 $\chi^2/\text{NDF}: 1347993.1/33$

Out: 91.635 ± 0.078 $\chi^2/\text{NDF}: 283641.4/37$

All: 82.040 ± 0.056 $\chi^2/\text{NDF}: 1663020.6/71$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.451 ± 0.012 $\chi^2/\text{NDF}: 574784.0/19$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -19.555 ± 0.014 $\chi^2/\text{NDF}: 167756.8/18$

Left: -17.835 ± 0.009 $\chi^2/\text{NDF}: 770083.1/38$

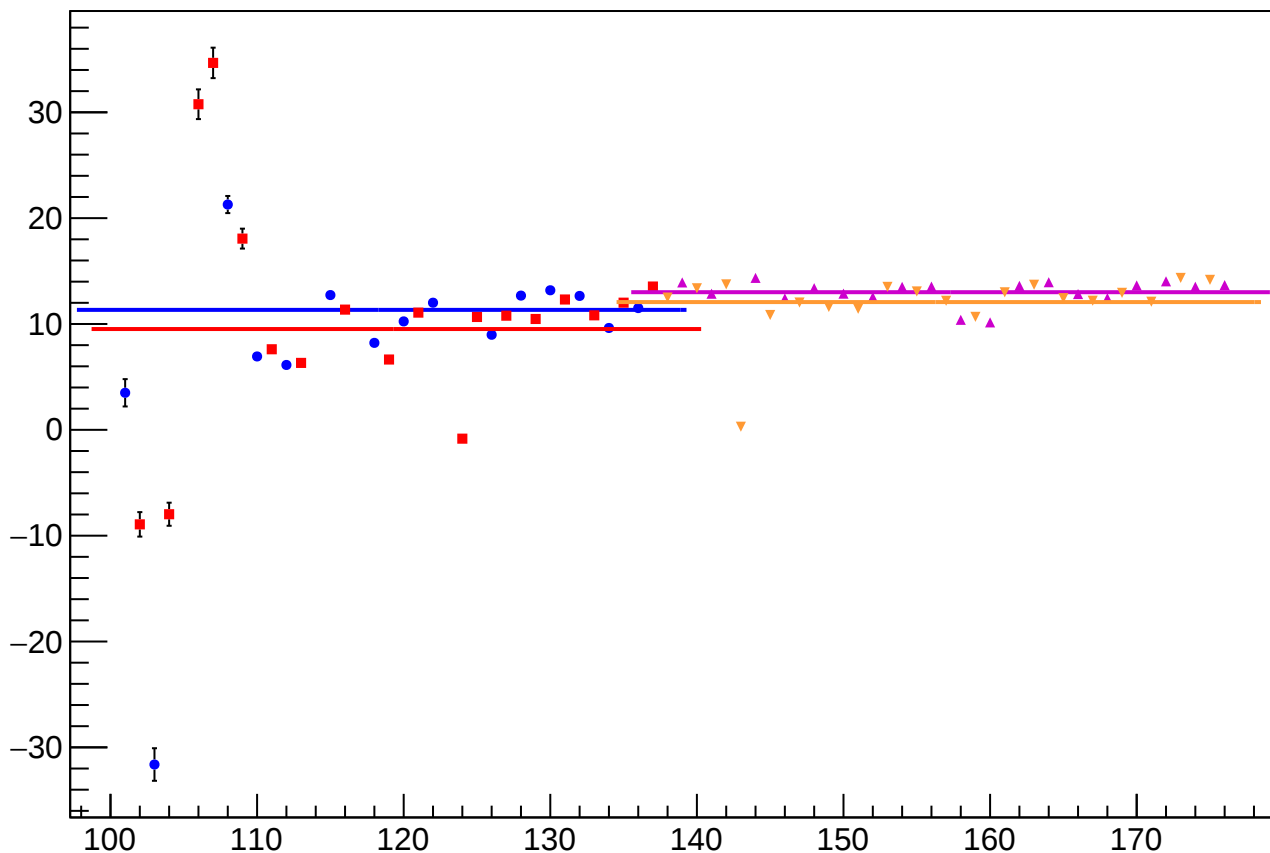
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.787 ± 0.012 $\chi^2/\text{NDF}: 4219009.3/33$

Out: -17.063 ± 0.012 $\chi^2/\text{NDF}: 782990.4/37$

All: -15.959 ± 0.009 $\chi^2/\text{NDF}: 5019438.3/71$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.071 $\pm$ 0.015 χ^2 /NDF:32625.7/19

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.004 $\pm$ 0.012 χ^2 /NDF:6426.7/18

Left: 12.638 $\pm$ 0.009 χ^2 /NDF: 41392.3/38

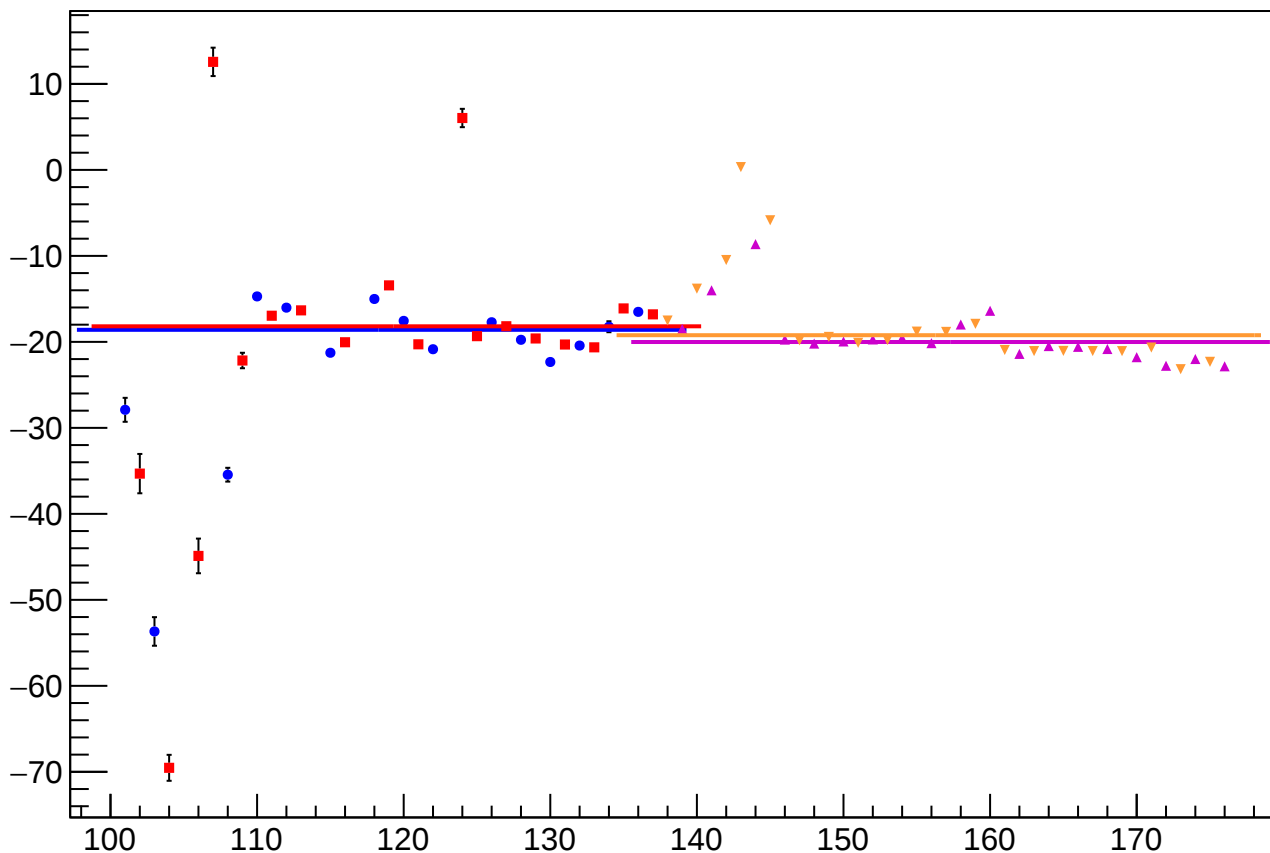
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.846 $\pm$ 0.012 χ^2 /NDF:10641.0/33

Out: 11.843 $\pm$ 0.014 χ^2 /NDF:39255.0/37

All: 12.454 $\pm$ 0.009 χ^2 /NDF: 52868.6/71

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -19.224 ± 0.017 $\chi^2/\text{NDF}: 60417.1/19$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.015 ± 0.016 $\chi^2/\text{NDF}: 15620.8/18$

Left: -19.634 ± 0.012 $\chi^2/\text{NDF}: 77193.4/38$

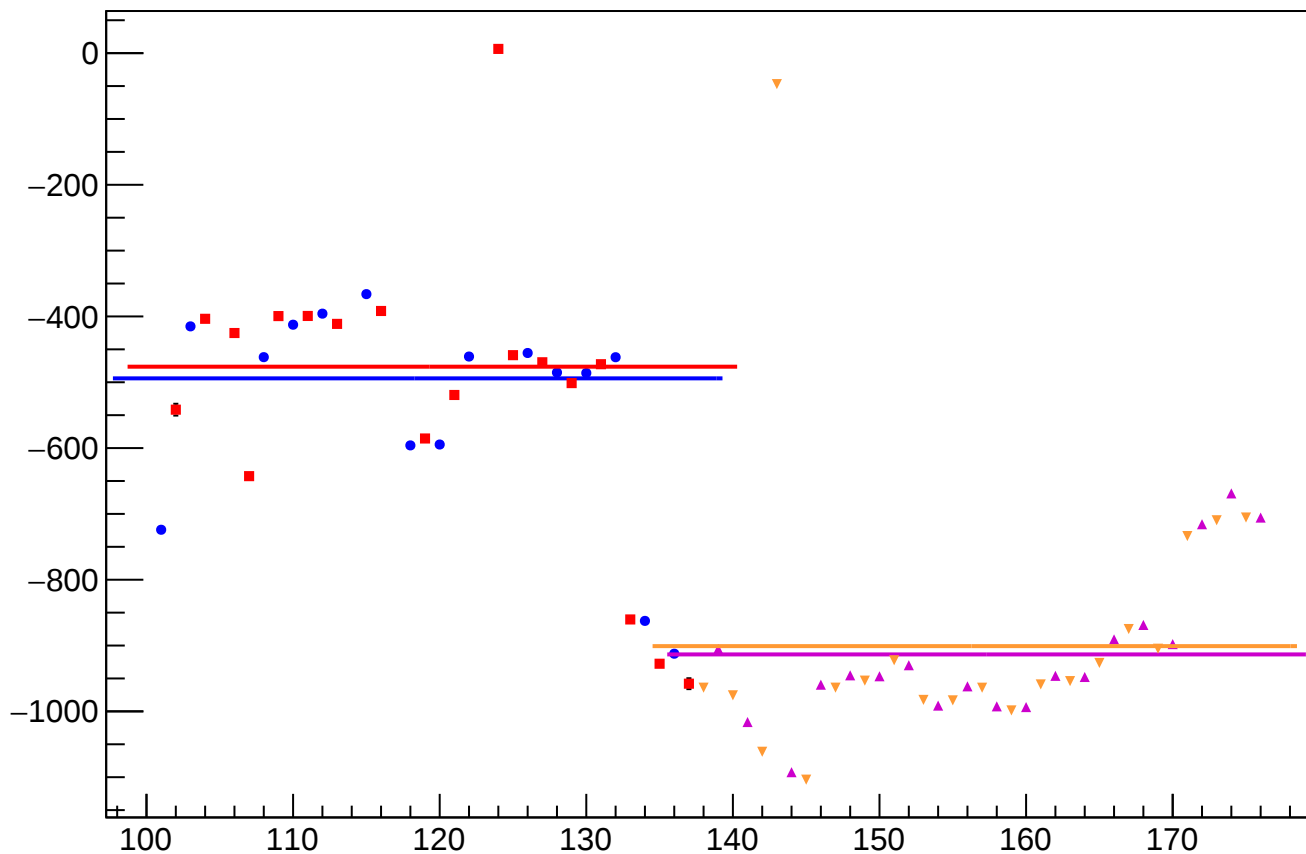
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.790 ± 0.015 $\chi^2/\text{NDF}: 23035.0/33$

Out: -19.117 ± 0.016 $\chi^2/\text{NDF}: 65690.7/37$

All: -19.477 ± 0.011 $\chi^2/\text{NDF}: 89685.7/71$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -900.883 $\pm$ 0.164 χ^2 /NDF: 619053.3/19

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -913.474 $\pm$ 0.163 χ^2 /NDF: 430112.7/18

Left: -907.207 $\pm$ 0.115 χ^2 /NDF: 1052143.3/38

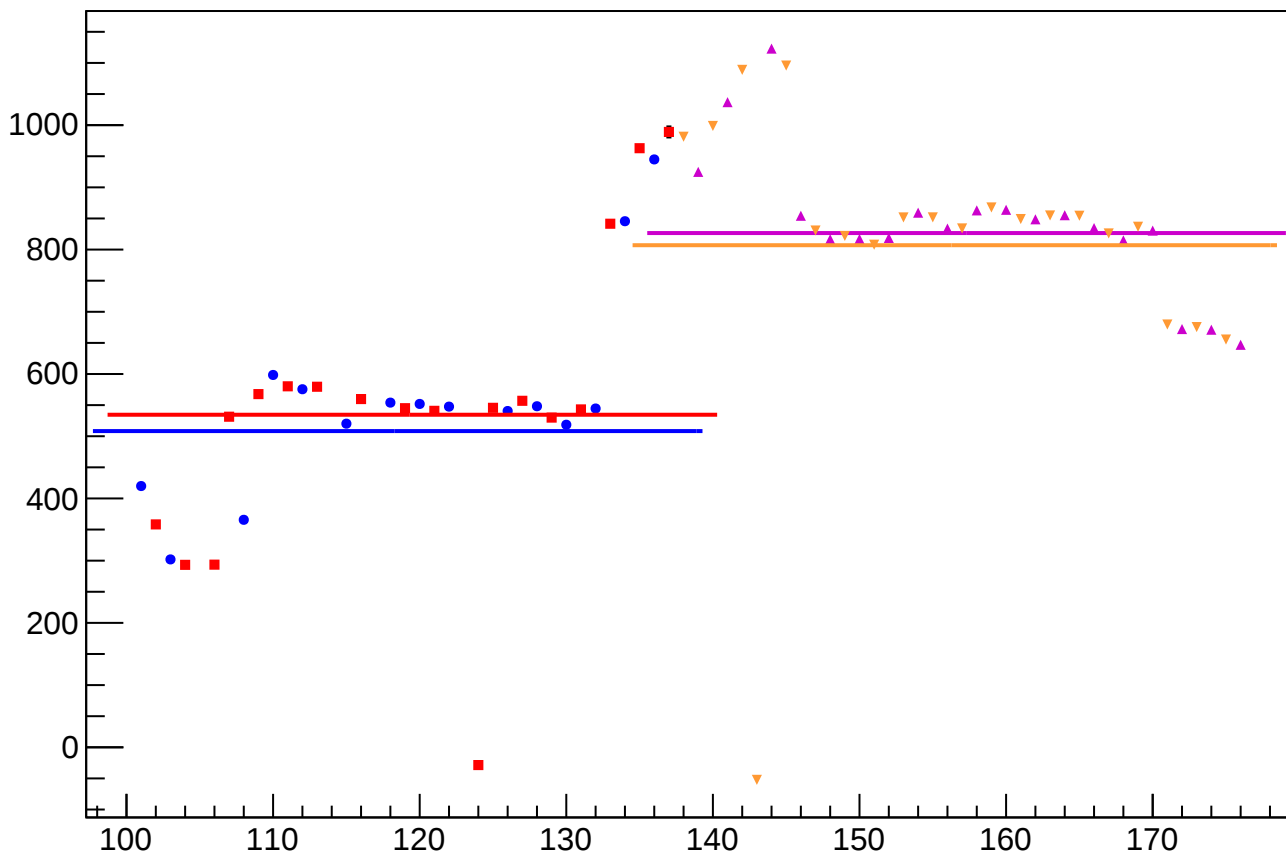
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -775.183 $\pm$ 0.133 χ^2 /NDF: 2944583.9/33

Out: -714.796 $\pm$ 0.123 χ^2 /NDF: 4166840.6/37

All: -742.466 $\pm$ 0.090 χ^2 /NDF: 7222649.5/71

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 807.013 $\pm$ 0.132 χ^2 /NDF: 658279.0/19

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 826.561 $\pm$ 0.135 χ^2 /NDF: 326542.0/18

Left: 816.577 $\pm$ 0.094 χ^2 /NDF: 995524.0/38

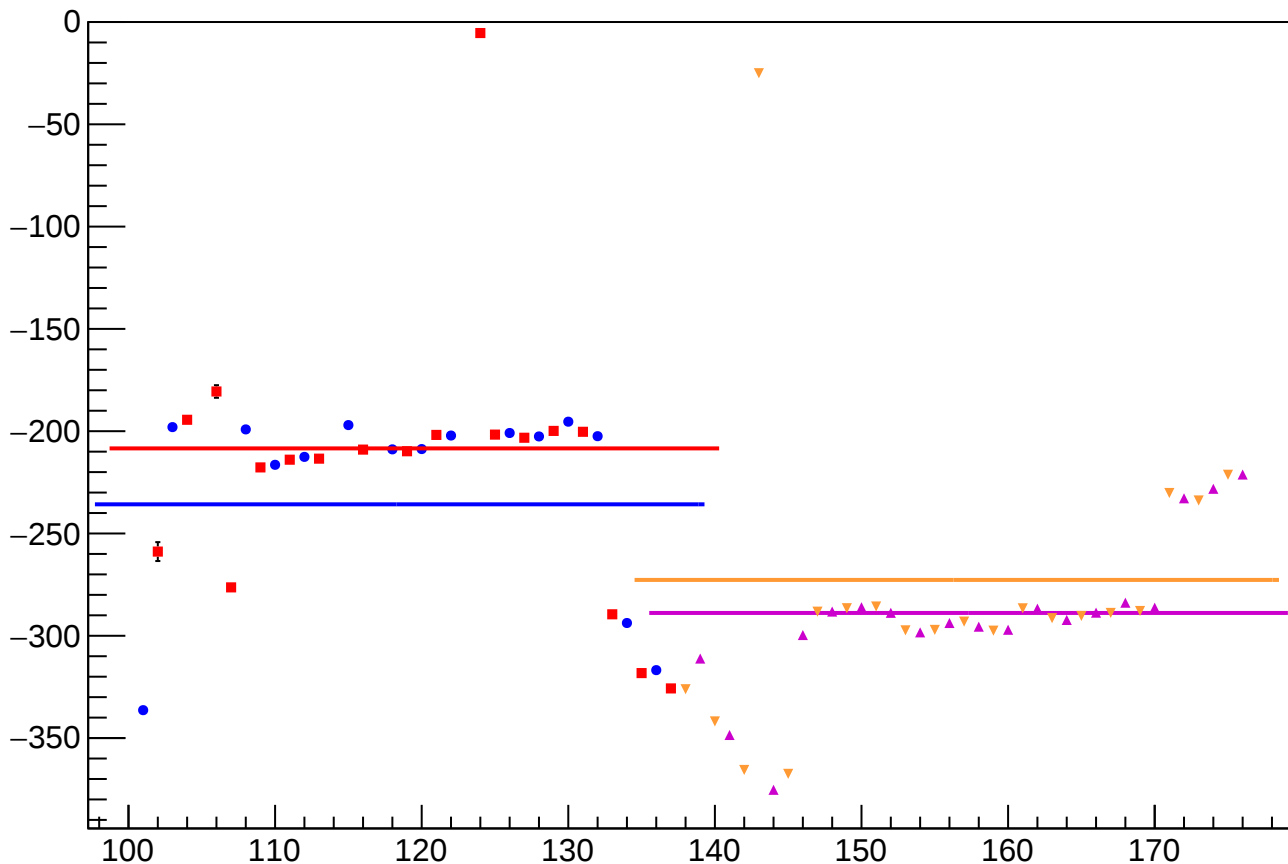
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 740.414 $\pm$ 0.115 χ^2 /NDF: 2269792.4/33

Out: 733.372 $\pm$ 0.113 χ^2 /NDF: 2175251.1/37

All: 736.818 $\pm$ 0.081 χ^2 /NDF: 4446947.5/71

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -272.696 ± 0.024 $\chi^2/\text{NDF}: 6708439.8/19$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -288.844 ± 0.024 $\chi^2/\text{NDF}: 888954.5/18$

Left: -280.643 ± 0.017 $\chi^2/\text{NDF}: 7823912.6/38$

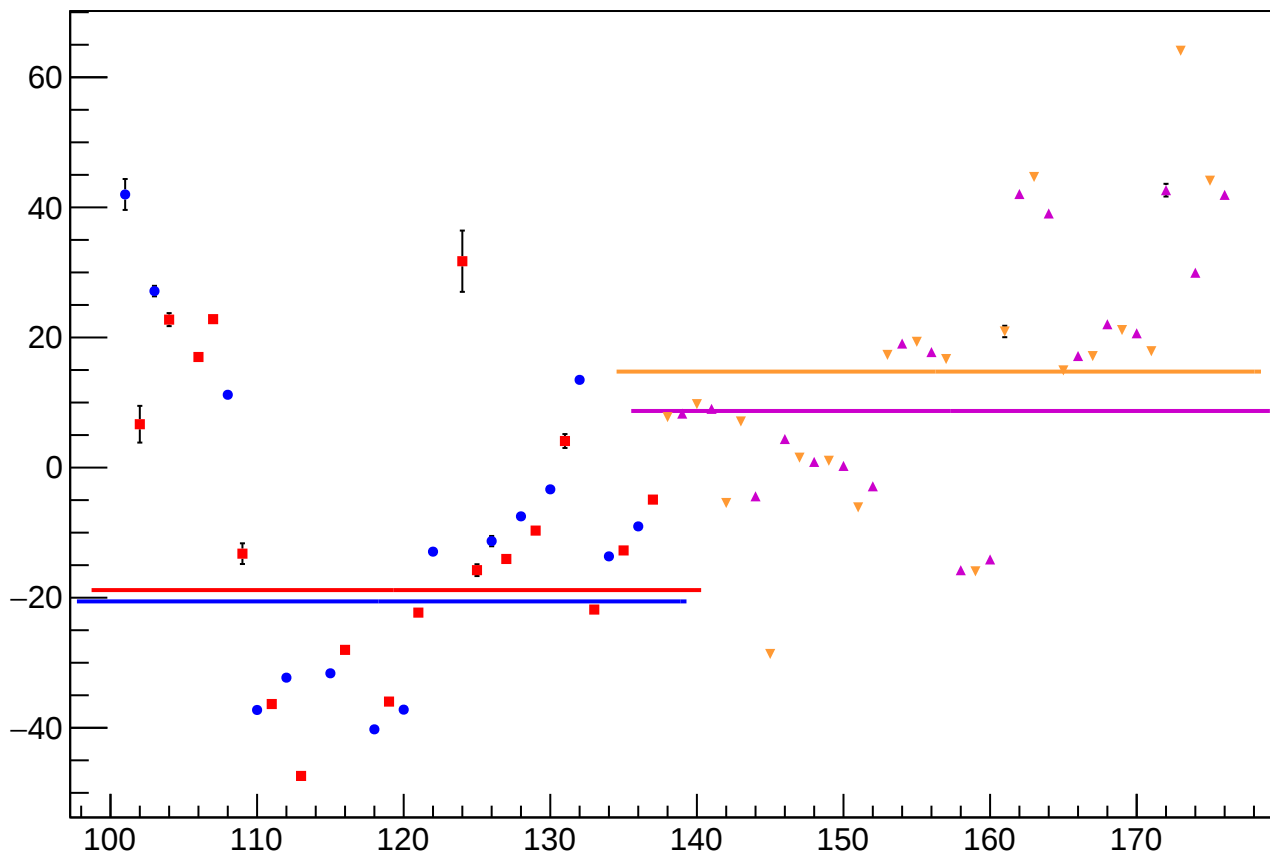
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -280.302 ± 0.022 $\chi^2/\text{NDF}: 2540884.5/33$

Out: -259.462 ± 0.021 $\chi^2/\text{NDF}: 8585276.4/37$

All: -269.431 ± 0.015 $\chi^2/\text{NDF}: 11587983.4/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 14.758 ± 0.023 $\chi^2/\text{NDF}: 491348.4/19$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 8.704 ± 0.019 $\chi^2/\text{NDF}: 1030369.6/18$

Left: 11.146 ± 0.015 $\chi^2/\text{NDF}: 1562730.0/38$

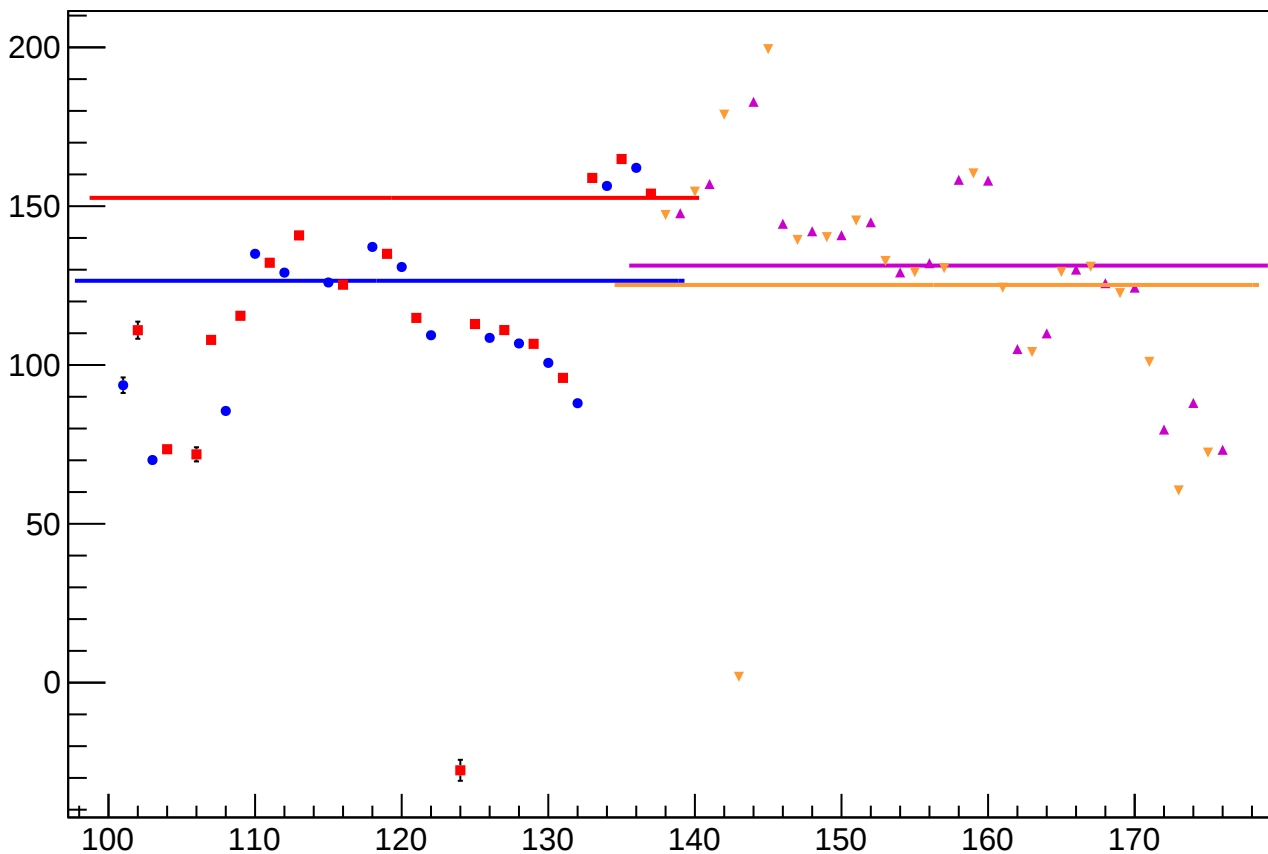
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 6.767 ± 0.018 $\chi^2/\text{NDF}: 1251011.8/33$

Out: 13.290 ± 0.023 $\chi^2/\text{NDF}: 604688.6/37$

All: 9.361 ± 0.014 $\chi^2/\text{NDF}: 1905953.5/71$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 125.197 $\pm$ 0.029 χ^2 /NDF: 731999.8/19

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 131.299 $\pm$ 0.027 χ^2 /NDF: 720959.6/18

Left: 128.548 $\pm$ 0.020 χ^2 /NDF: 1476492.4/38

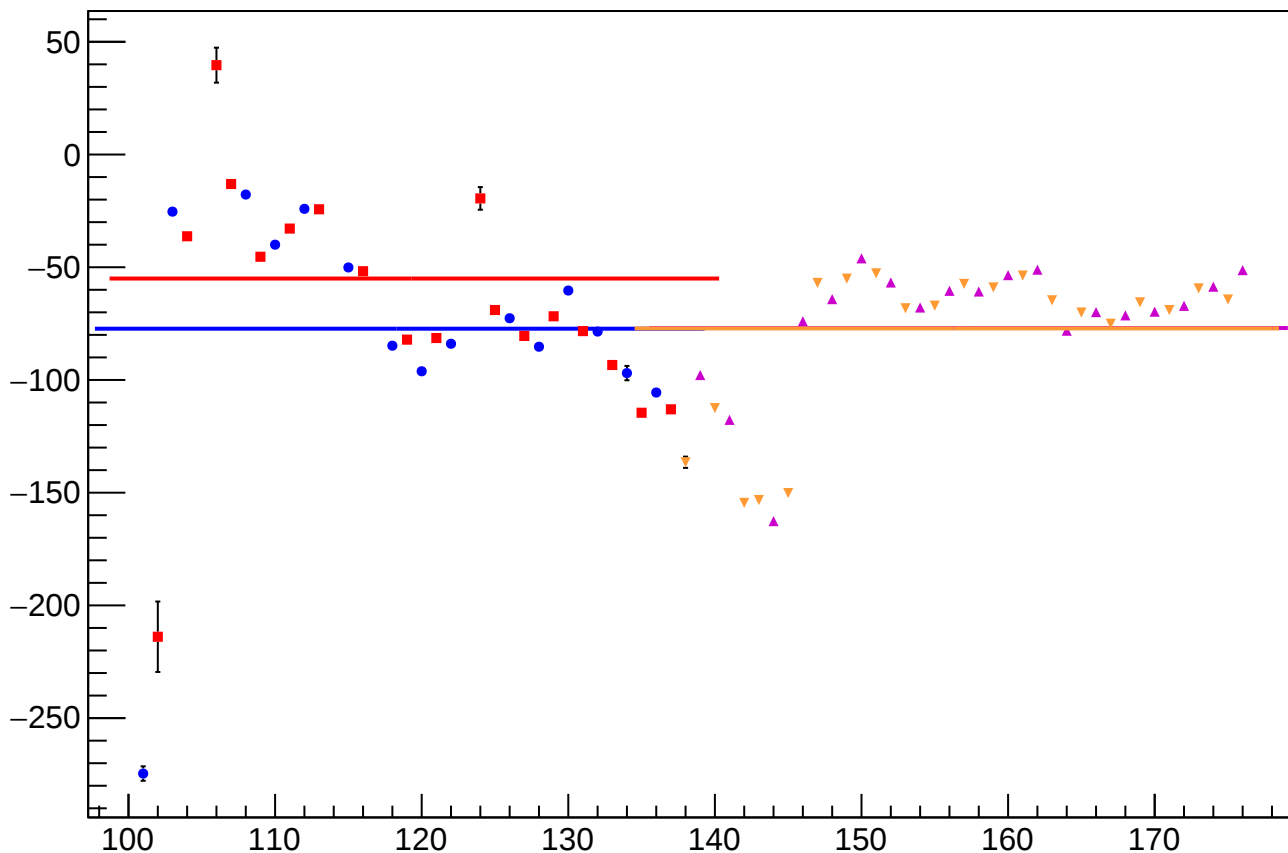
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 130.860 $\pm$ 0.025 χ^2 /NDF: 838869.8/33

Out: 138.508 $\pm$ 0.021 χ^2 /NDF: 1226120.4/37

All: 135.385 $\pm$ 0.016 χ^2 /NDF: 2118407.2/71

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -77.128 ± 0.125 $\chi^2/\text{NDF}: 60348.1/19$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -76.975 ± 0.122 $\chi^2/\text{NDF}: 63947.0/18$

Left: -77.050 ± 0.087 $\chi^2/\text{NDF}: 124295.9/38$

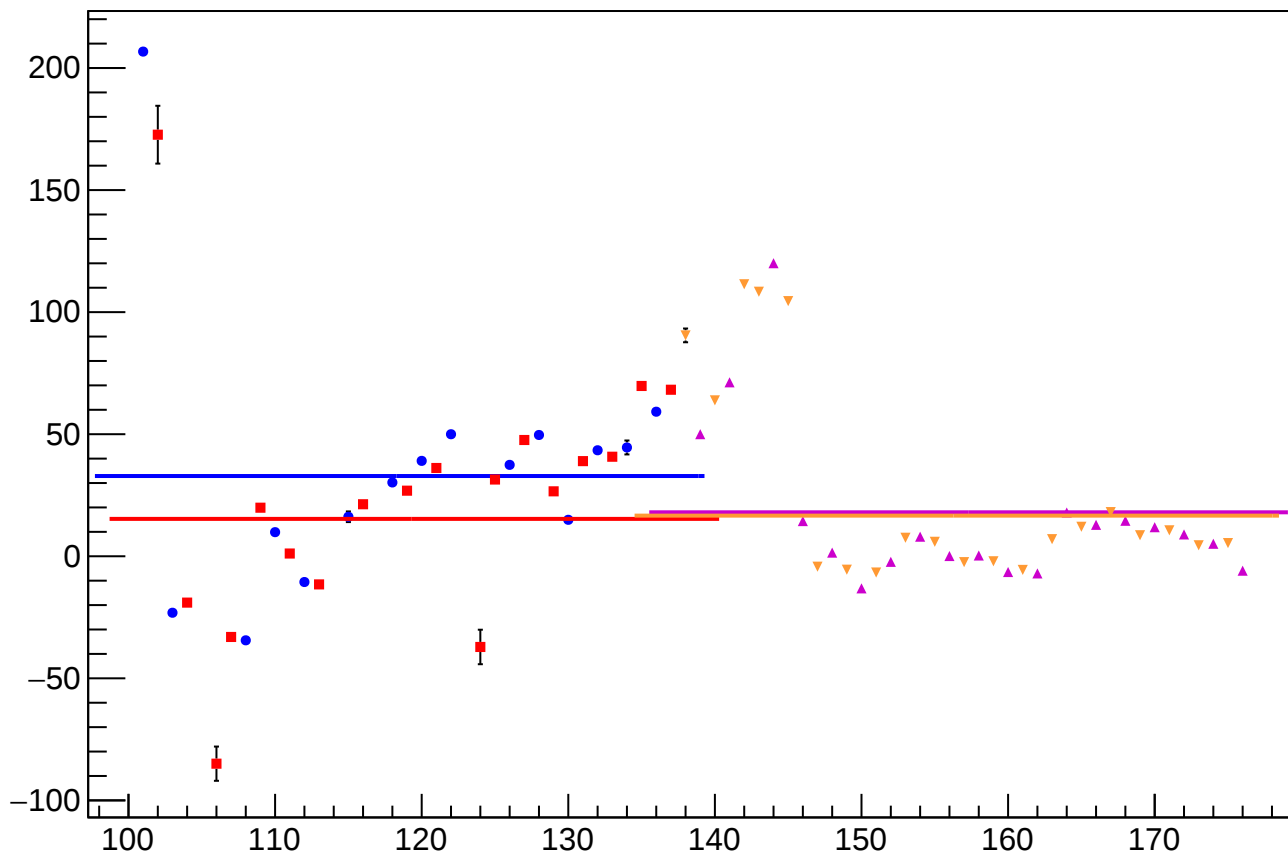
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -77.091 ± 0.094 $\chi^2/\text{NDF}: 94305.2/33$

Out: -70.478 ± 0.104 $\chi^2/\text{NDF}: 93433.0/37$

All: -74.142 ± 0.070 $\chi^2/\text{NDF}: 189965.4/71$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 16.646+/-0.109 χ^2/NDF :91187.4/19

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 18.006+/-0.108 χ^2/NDF :91462.3/18

Left: 17.334+/-0.077 χ^2/NDF : 182728.6/38

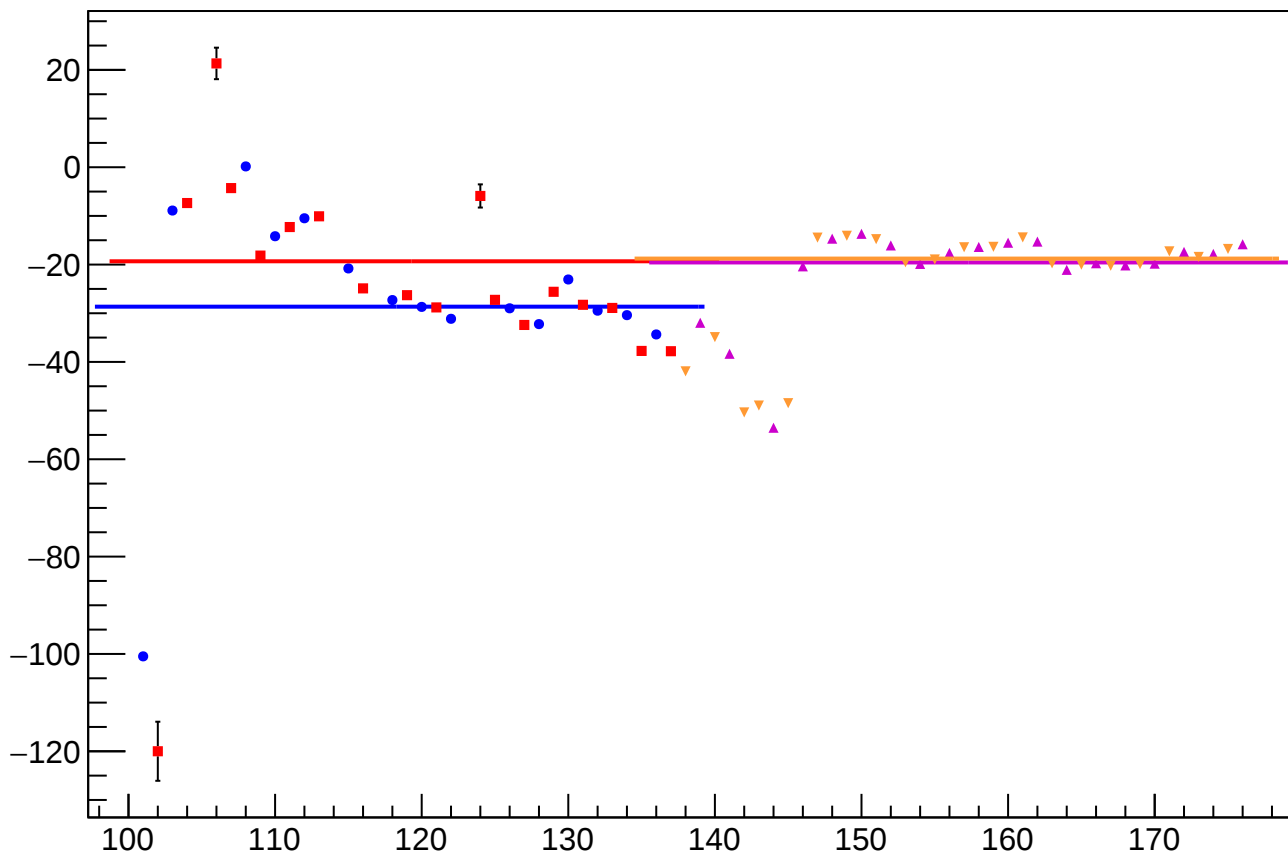
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 23.238+/-0.087 χ^2/NDF :129569.7/33

Out: 16.362+/-0.097 χ^2/NDF :107965.4/37

All: 20.175+/-0.065 χ^2/NDF : 240341.4/71

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.768 ± 0.015 $\chi^2/\text{NDF}: 225448.2/19$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.565 ± 0.015 $\chi^2/\text{NDF}: 197224.9/18$

Left: -19.148 ± 0.011 $\chi^2/\text{NDF}: 424105.3/38$

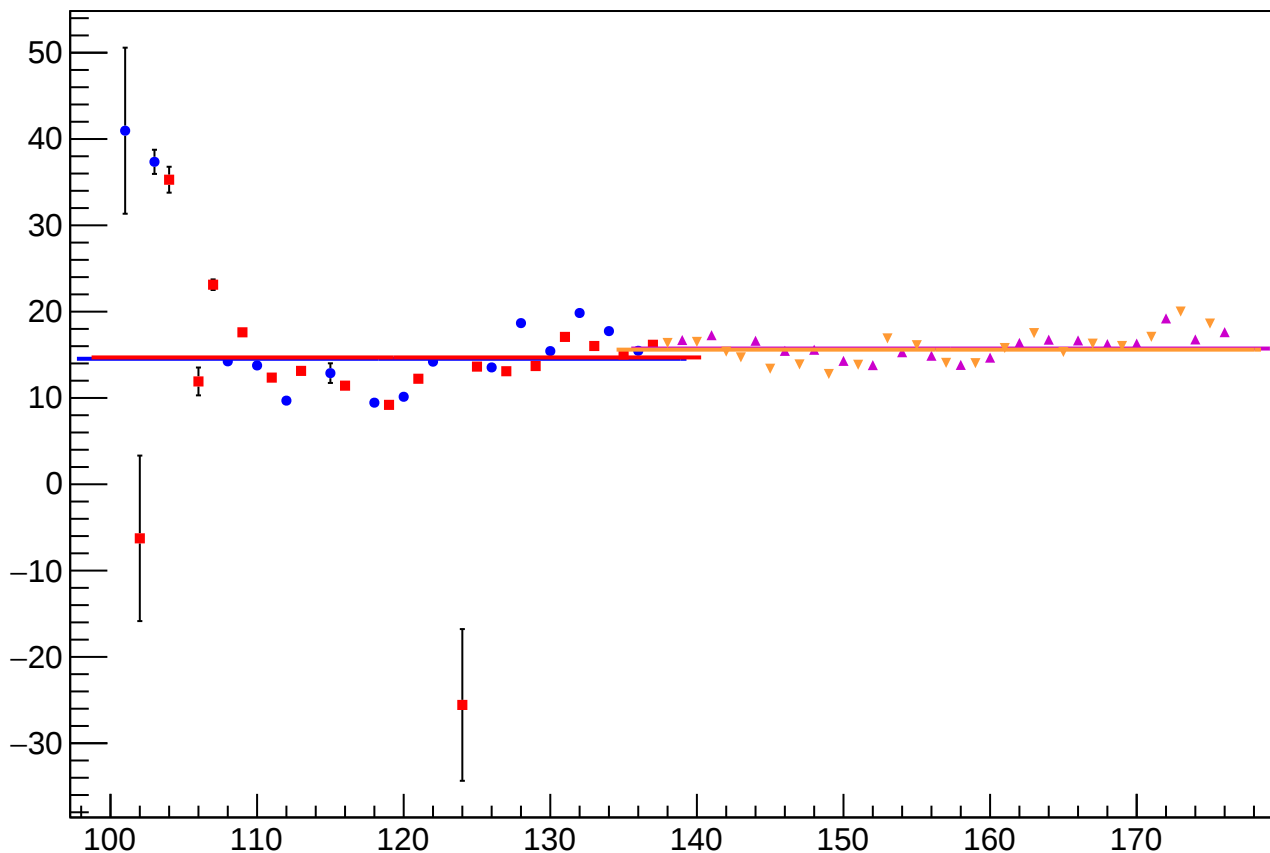
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.063 ± 0.014 $\chi^2/\text{NDF}: 369334.5/33$

Out: -18.835 ± 0.014 $\chi^2/\text{NDF}: 282203.4/37$

All: -19.928 ± 0.010 $\chi^2/\text{NDF}: 664600.7/71$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.598+/-0.015 χ^2/NDF : 9884.3/19

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.725+/-0.014 χ^2/NDF : 7909.6/18

Left: 15.664+/-0.010 χ^2/NDF : 17832.1/38

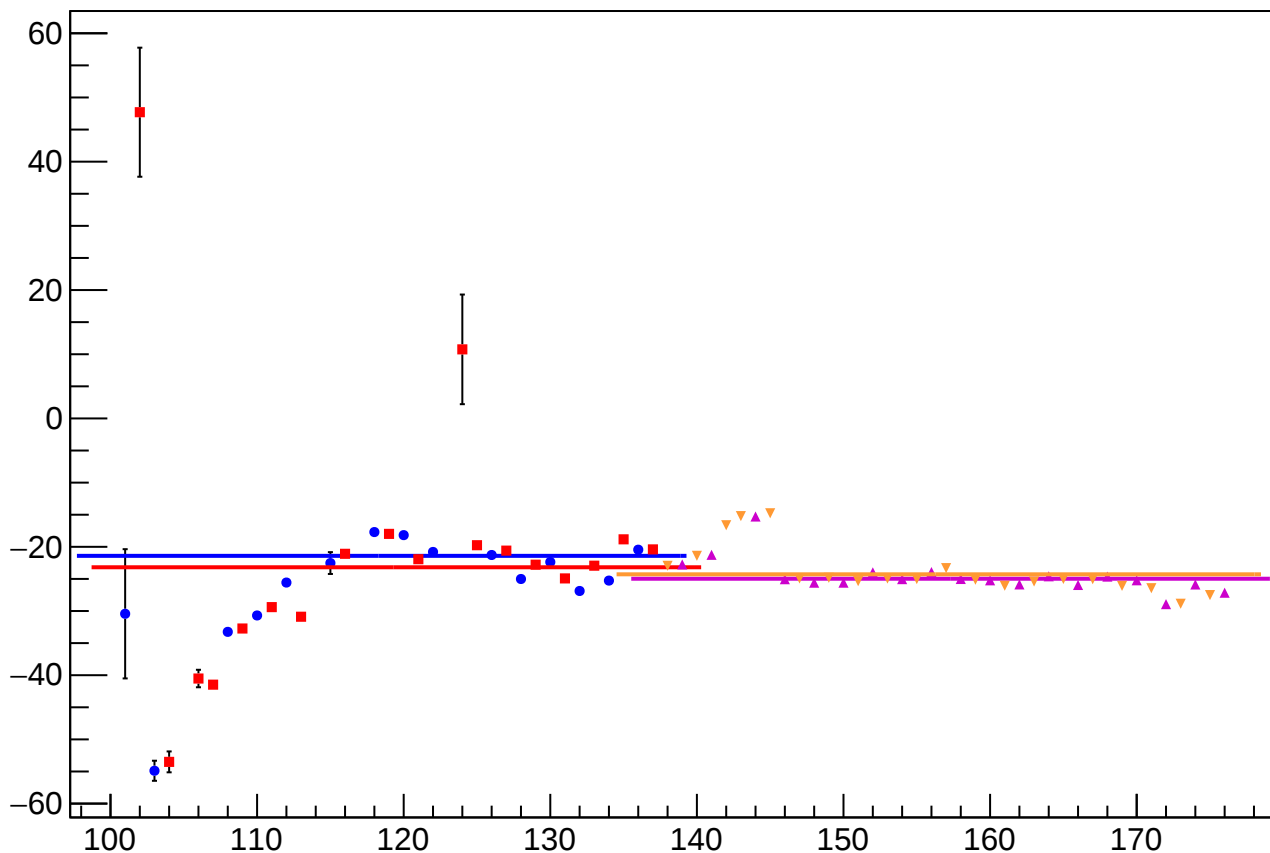
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.505+/-0.013 χ^2/NDF : 21271.0/33

Out: 15.504+/-0.014 χ^2/NDF : 11903.4/37

All: 15.504+/-0.009 χ^2/NDF : 33174.4/71

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.283 ± 0.017 $\chi^2/\text{NDF}: 40241.9/19$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.972 ± 0.017 $\chi^2/\text{NDF}: 12486.2/18$

Left: -24.625 ± 0.012 $\chi^2/\text{NDF}: 53532.2/38$

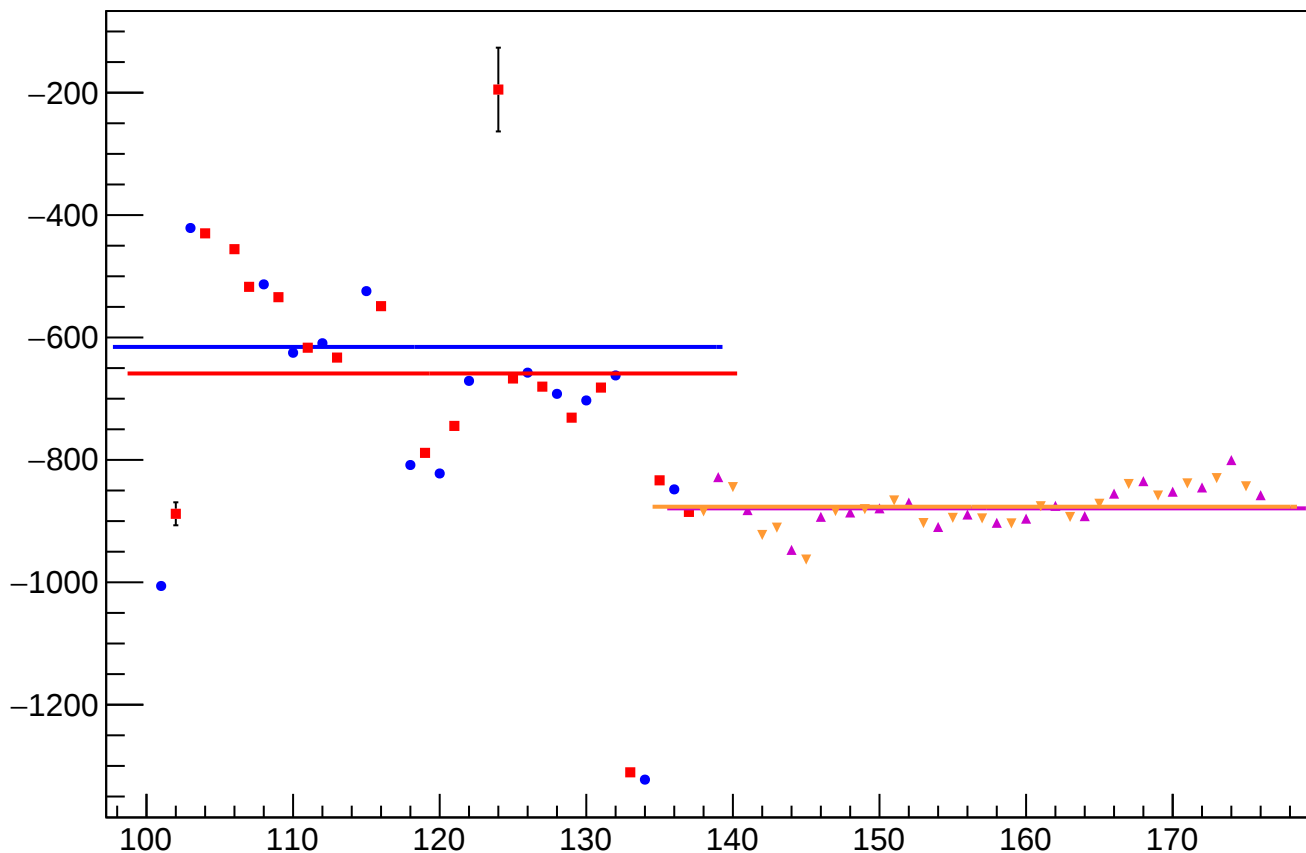
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.293 ± 0.016 $\chi^2/\text{NDF}: 30309.7/33$

Out: -24.172 ± 0.016 $\chi^2/\text{NDF}: 49782.6/37$

All: -24.235 ± 0.011 $\chi^2/\text{NDF}: 80121.5/71$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -876.496 ± 0.140 $\chi^2/\text{NDF}: 39901.9/19$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -879.191 ± 0.133 $\chi^2/\text{NDF}: 44623.0/18$

Left: -877.916 ± 0.096 $\chi^2/\text{NDF}: 84720.3/38$

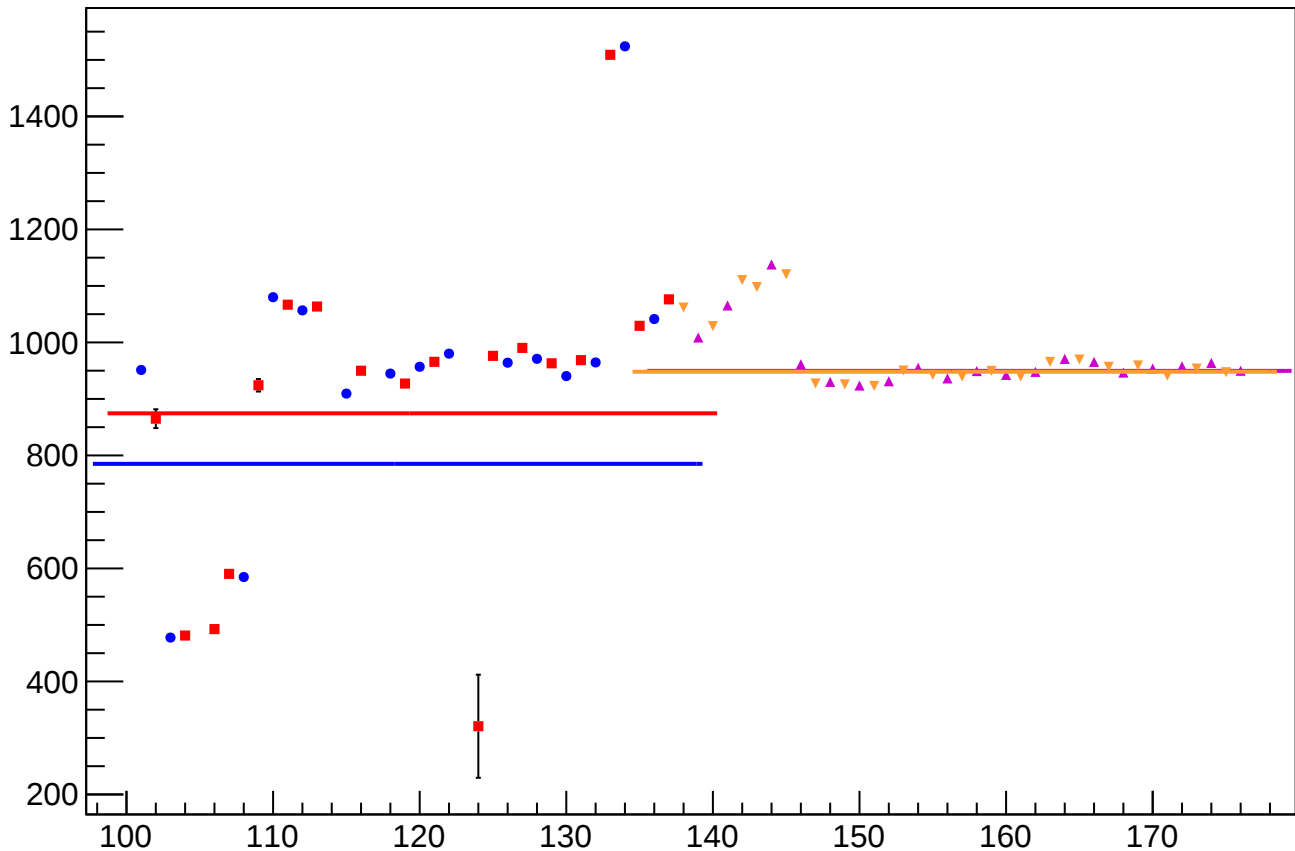
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -816.554 ± 0.116 $\chi^2/\text{NDF}: 1367201.4/33$

Out: -826.485 ± 0.123 $\chi^2/\text{NDF}: 980965.2/37$

All: -821.226 ± 0.084 $\chi^2/\text{NDF}: 2351627.3/71$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.137 $\pm$ 0.109 χ^2 /NDF: 71853.0/19

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 949.662 $\pm$ 0.111 χ^2 /NDF: 76130.7/18

Left: 948.888 $\pm$ 0.078 χ^2 /NDF: 148080.4/38

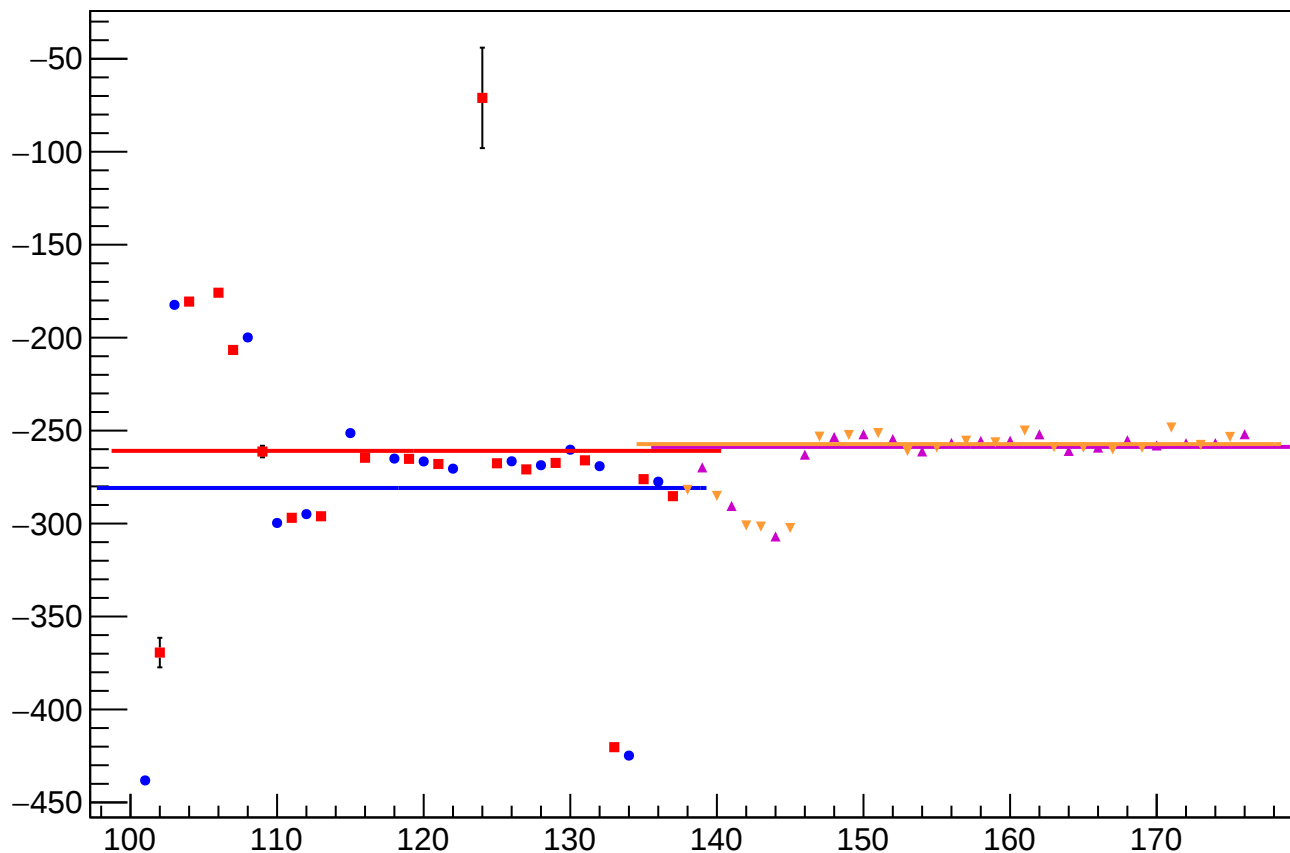
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 918.324 $\pm$ 0.100 χ^2 /NDF: 1383902.2/33

Out: 937.242 $\pm$ 0.101 χ^2 /NDF: 982074.4/37

All: 927.690 $\pm$ 0.071 χ^2 /NDF: 2383868.7/71

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.269 ± 0.020 $\chi^2/\text{NDF}: 175831.9/19$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.764 ± 0.020 $\chi^2/\text{NDF}: 191774.3/18$

Left: -258.035 ± 0.014 $\chi^2/\text{NDF}: 370347.9/38$

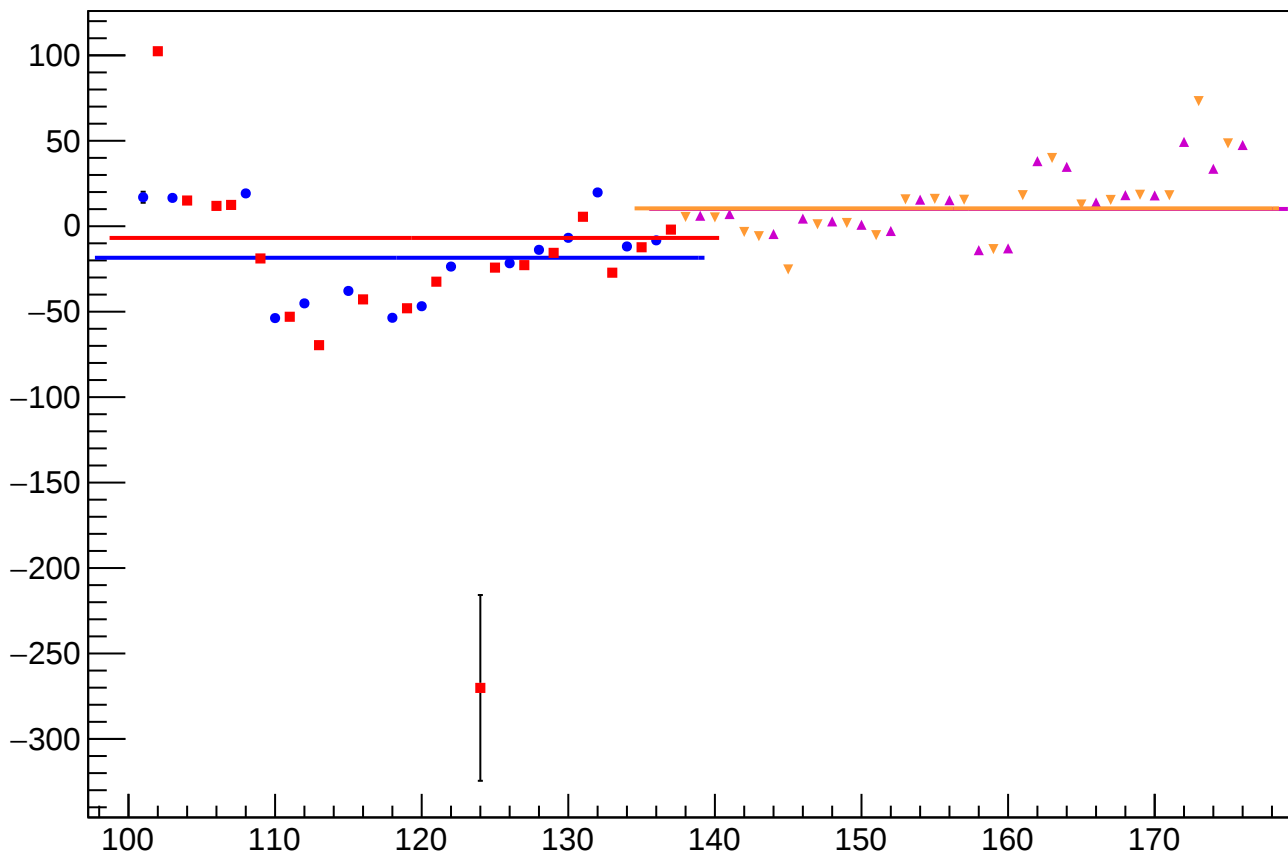
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.063 ± 0.019 $\chi^2/\text{NDF}: 1193010.6/33$

Out: -257.573 ± 0.020 $\chi^2/\text{NDF}: 526191.3/37$

All: -259.380 ± 0.014 $\chi^2/\text{NDF}: 1735678.1/71$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.447 ± 0.021 $\chi^2/\text{NDF}: 438342.2/19$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 10.112 ± 0.020 $\chi^2/\text{NDF}: 697034.2/18$

Left: 10.269 ± 0.014 $\chi^2/\text{NDF}: 1135513.8/38$

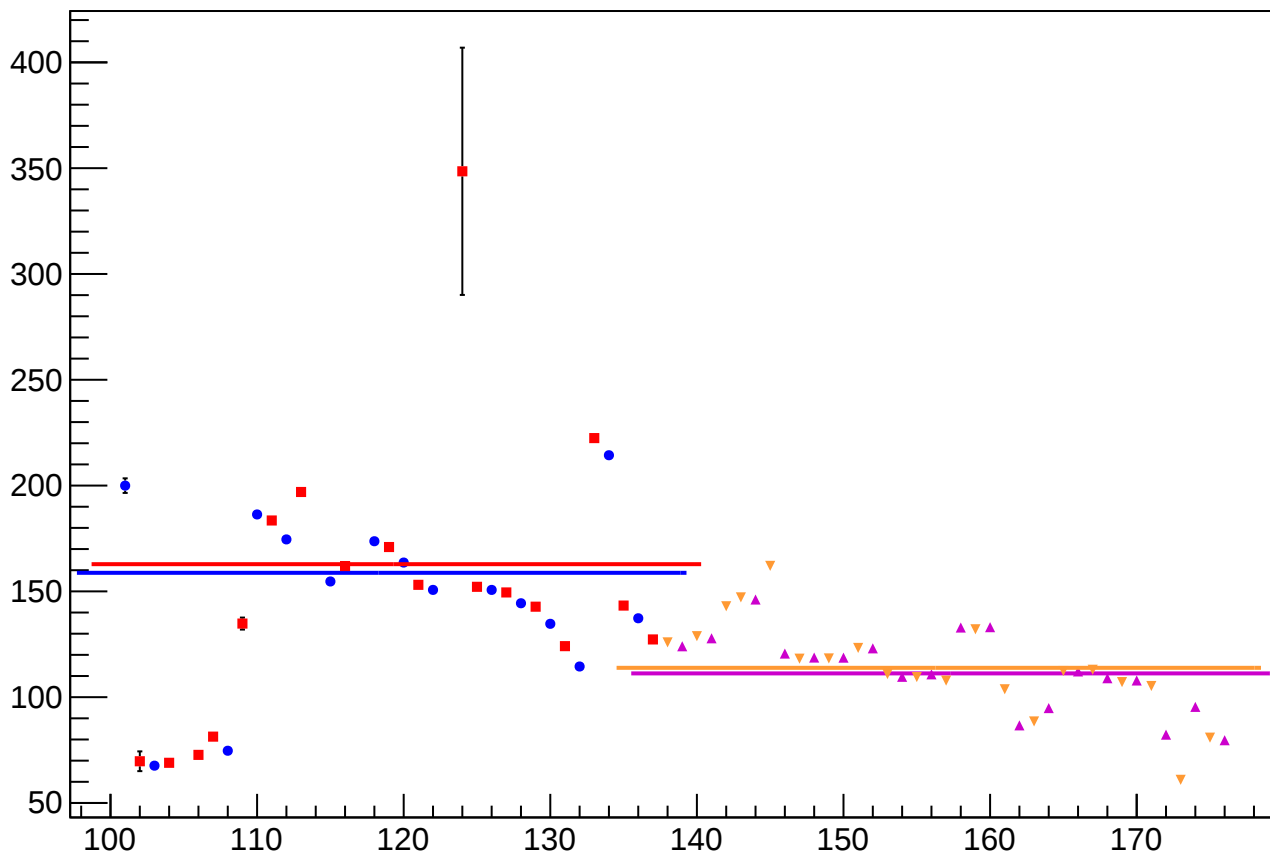
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 8.855 ± 0.019 $\chi^2/\text{NDF}: 837239.6/33$

Out: 8.807 ± 0.020 $\chi^2/\text{NDF}: 553262.4/37$

All: 8.832 ± 0.014 $\chi^2/\text{NDF}: 1390505.0/71$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 113.873 $\pm$ 0.025 χ^2 /NDF: 252679.6/19

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 111.235 $\pm$ 0.021 χ^2 /NDF: 480213.7/18

Left: 112.325 $\pm$ 0.016 χ^2 /NDF: 739392.7/38

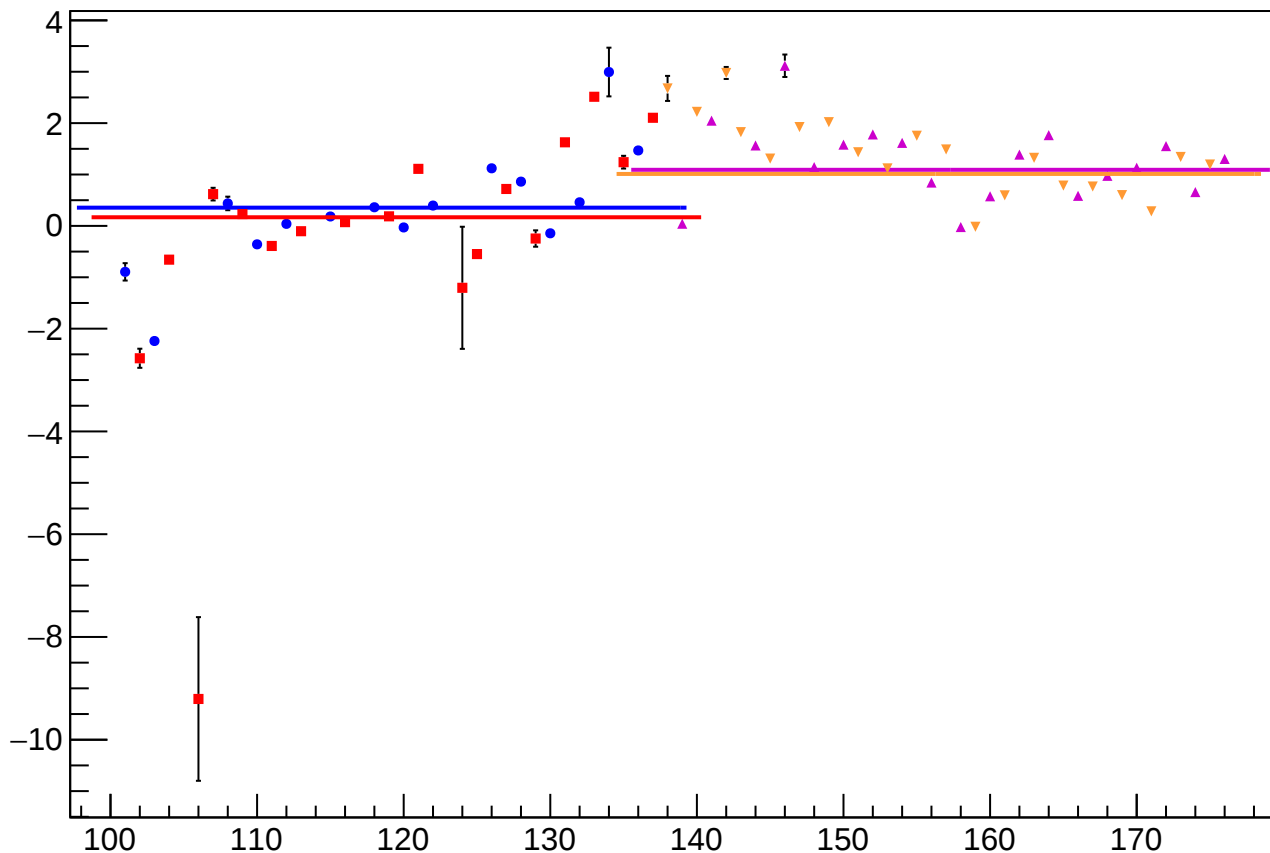
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 113.787 $\pm$ 0.020 χ^2 /NDF: 913442.2/33

Out: 117.172 $\pm$ 0.024 χ^2 /NDF: 666107.5/37

All: 115.198 $\pm$ 0.016 χ^2 /NDF: 1590956.8/71

dit_sam1_4aX_slope vs Slug, Sign Corrected



Left: 1.057 ± 0.005 $\chi^2/\text{NDF}: 12983.9/38$

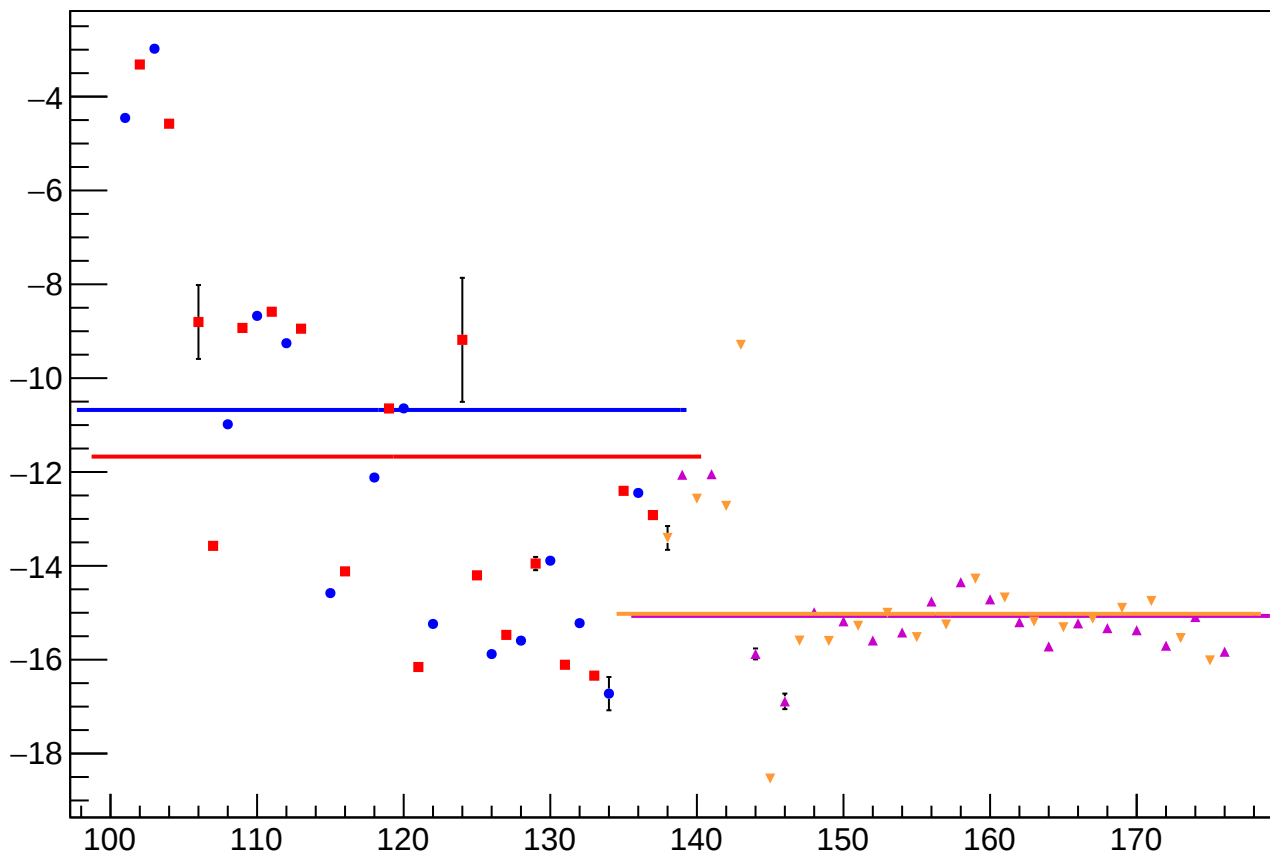
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.903 ± 0.006 $\chi^2/\text{NDF}: 13952.3/33$

Out: 0.574 ± 0.006 $\chi^2/\text{NDF}: 16348.7/37$

All: 0.726 ± 0.004 $\chi^2/\text{NDF}: 31952.0/71$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.023 ± 0.006 $\chi^2/\text{NDF}: 34934.7/19$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.067 ± 0.006 $\chi^2/\text{NDF}: 13694.5/18$

Left: -15.046 ± 0.004 $\chi^2/\text{NDF}: 48654.0/38$

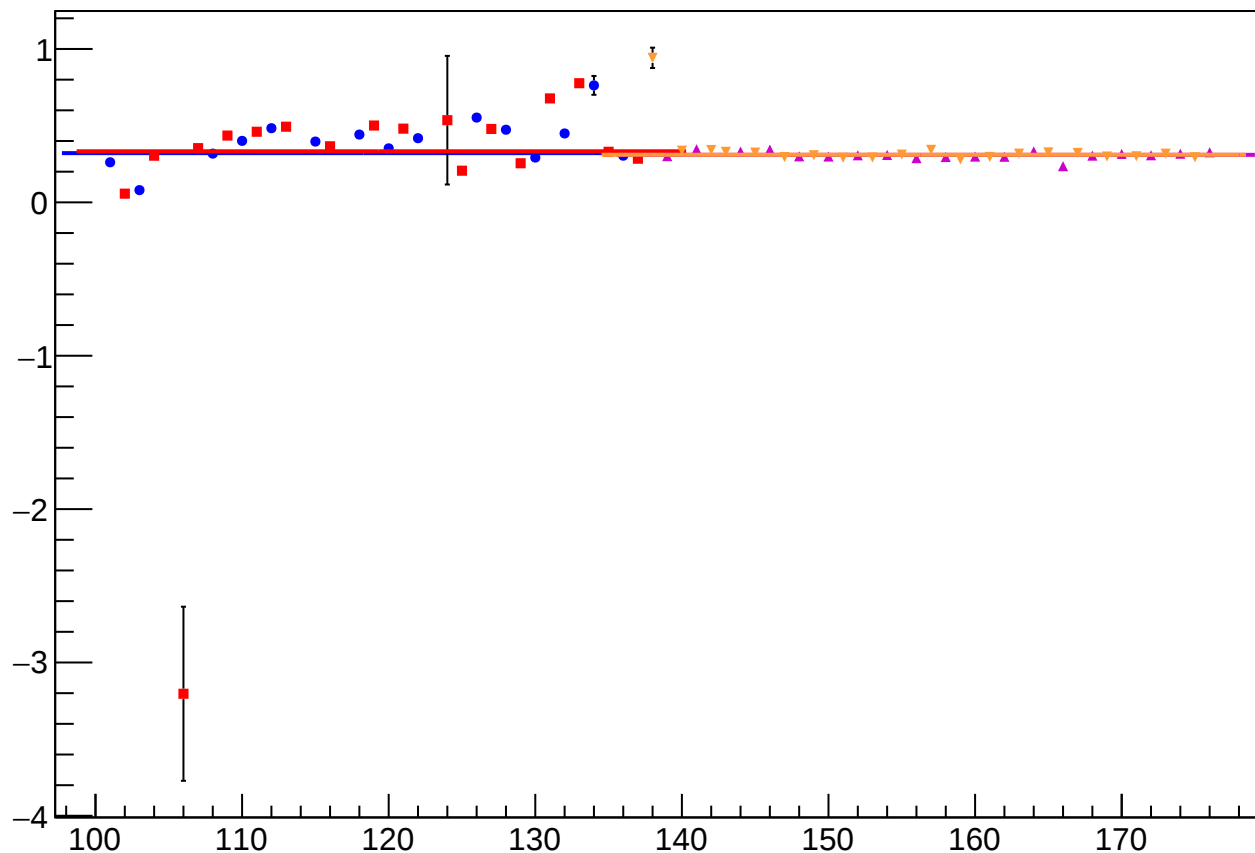
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.911 ± 0.005 $\chi^2/\text{NDF}: 374834.2/33$

Out: -14.241 ± 0.006 $\chi^2/\text{NDF}: 206293.6/37$

All: -14.066 ± 0.004 $\chi^2/\text{NDF}: 582952.0/71$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.310+/-0.000 χ^2/NDF : 4947.4/19

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.310+/-0.000 χ^2/NDF : 2913.3/18

Left: 0.310+/-0.000 χ^2/NDF : 7864.5/38

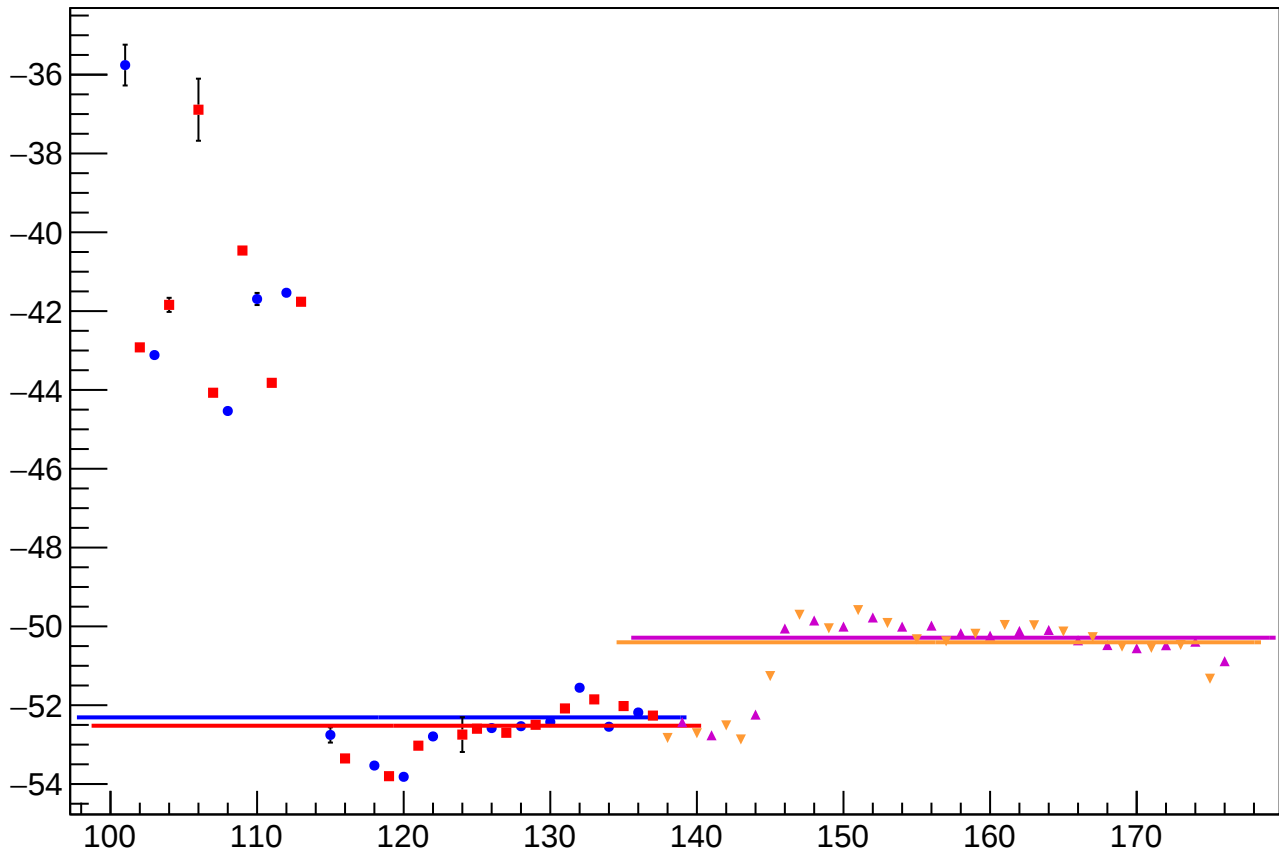
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.311+/-0.000 χ^2/NDF : 7062.4/33

Out: 0.311+/-0.000 χ^2/NDF : 9430.7/37

All: 0.311+/-0.000 χ^2/NDF : 16498.2/71

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.404 ± 0.002 χ^2/NDF : 231114.4/19

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.287 ± 0.001 χ^2/NDF : 166631.0/18

Left: -50.336 ± 0.001 χ^2/NDF : 401074.7/38

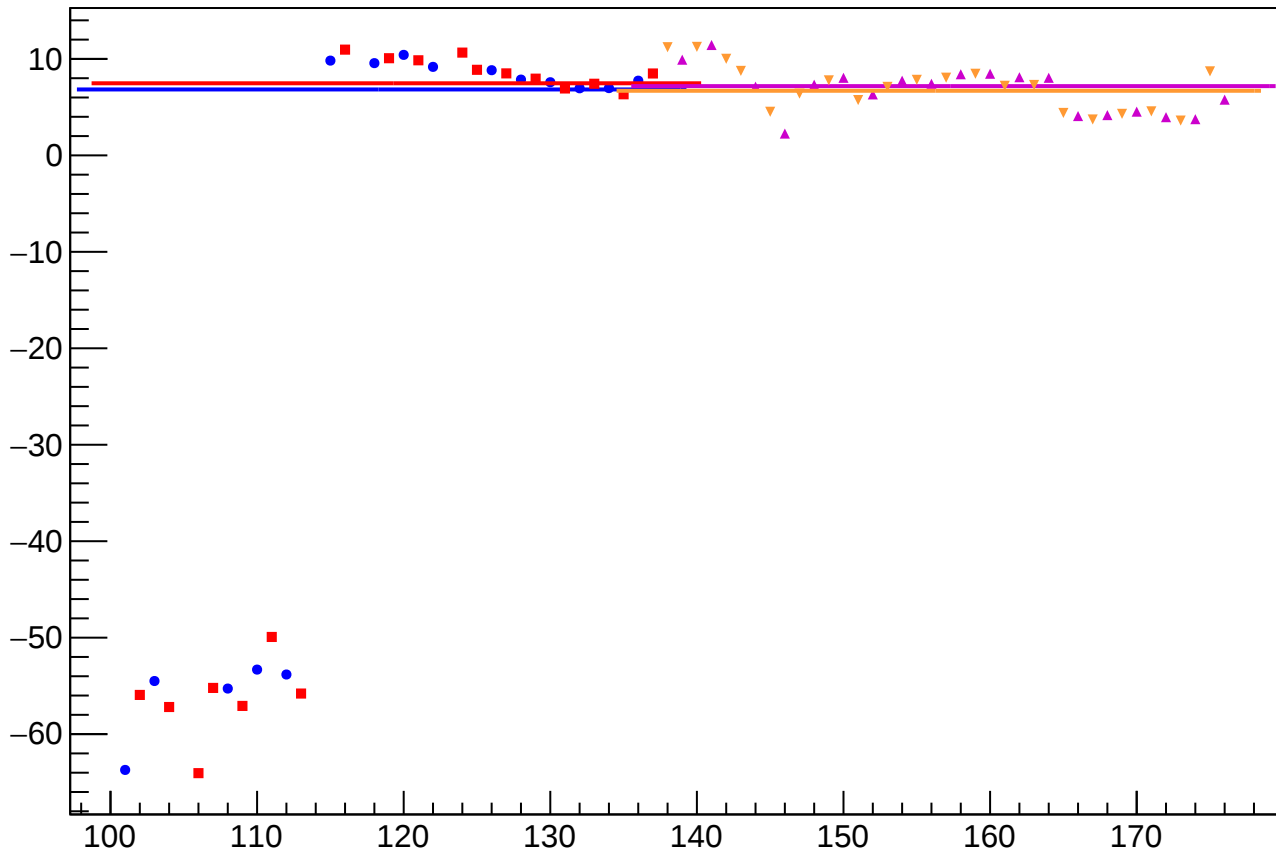
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.450 ± 0.001 χ^2/NDF : 413025.9/33

Out: -50.616 ± 0.001 χ^2/NDF : 497860.5/37

All: -50.520 ± 0.001 χ^2/NDF : 918386.4/71

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 6.698 ± 0.004 χ^2/NDF : 317400.6/19

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.180 ± 0.003 χ^2/NDF : 197415.0/18

Left: 6.957 ± 0.003 χ^2/NDF : 523673.5/38

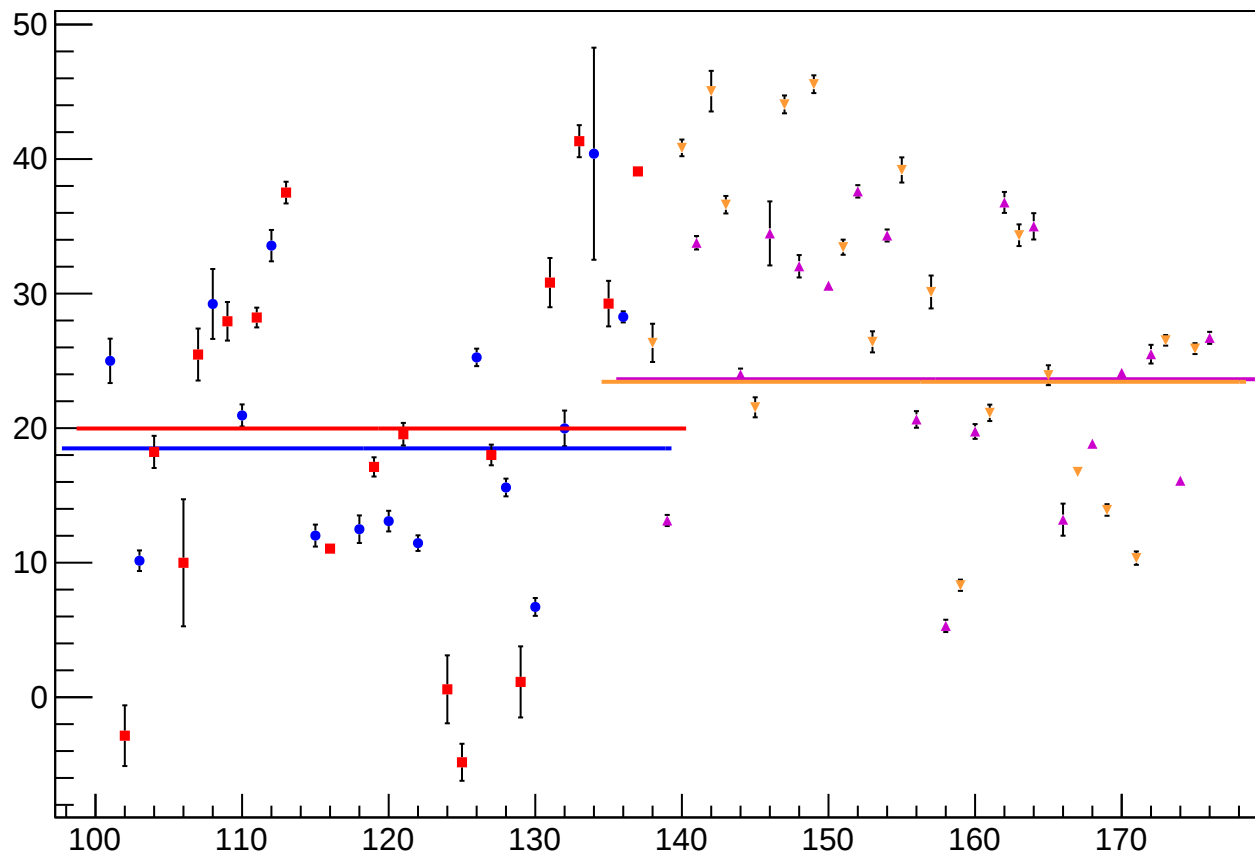
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.069 ± 0.003 χ^2/NDF : 1191166.3/33

Out: 6.807 ± 0.003 χ^2/NDF : 1518892.5/37

All: 6.963 ± 0.002 χ^2/NDF : 2713427.6/71

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 23.446 ± 0.122 $\chi^2/\text{NDF}: 7573.1/19$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.635 ± 0.106 $\chi^2/\text{NDF}: 6162.8/18$

Left: 23.554 ± 0.080 $\chi^2/\text{NDF}: 13737.3/38$

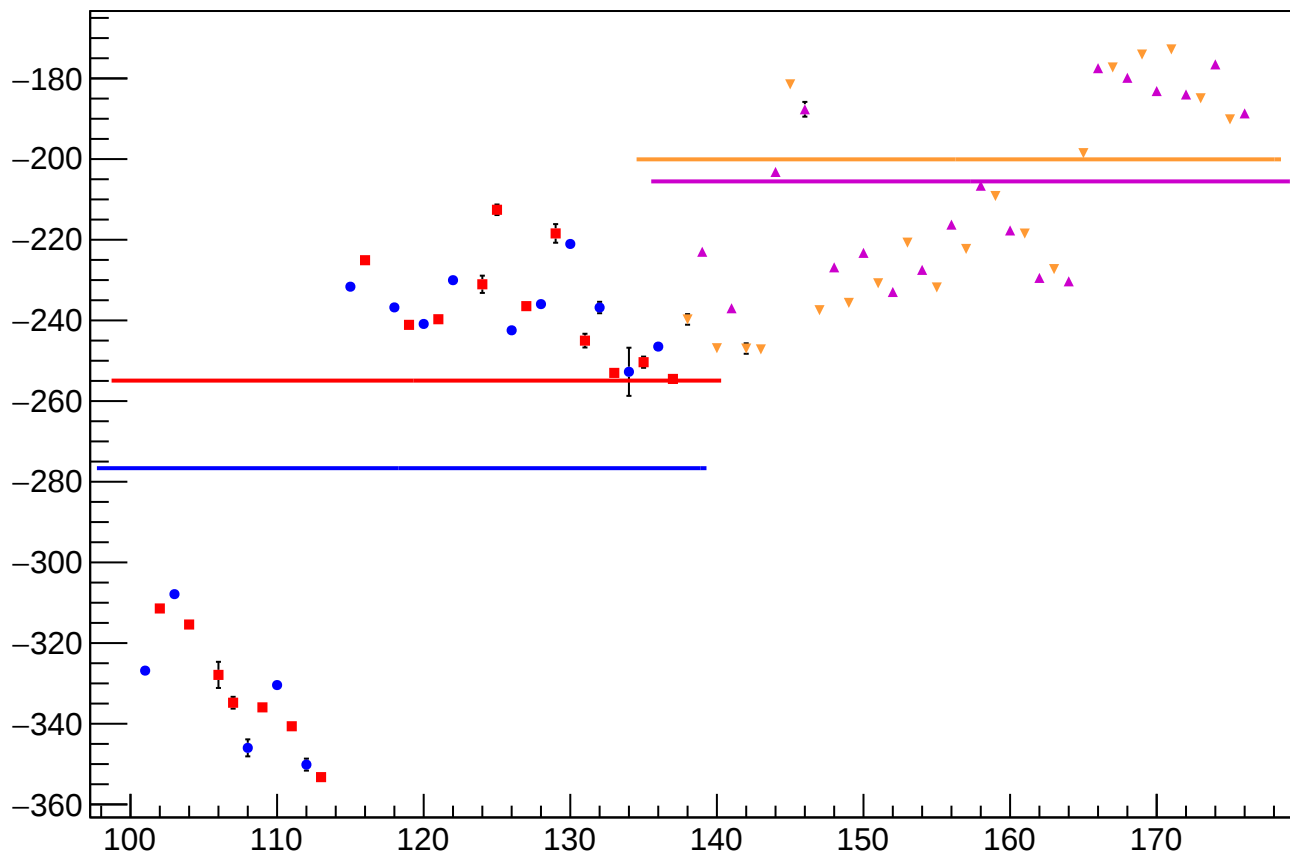
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.511 ± 0.094 $\chi^2/\text{NDF}: 8315.1/33$

Out: 21.819 ± 0.089 $\chi^2/\text{NDF}: 17152.5/37$

All: 22.149 ± 0.065 $\chi^2/\text{NDF}: 25496.3/71$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -200.066 ± 0.101 $\chi^2/\text{NDF}: 62898.0/19$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -205.534 ± 0.093 $\chi^2/\text{NDF}: 55383.9/18$

Left: -203.028 ± 0.068 $\chi^2/\text{NDF}: 119864.7/38$

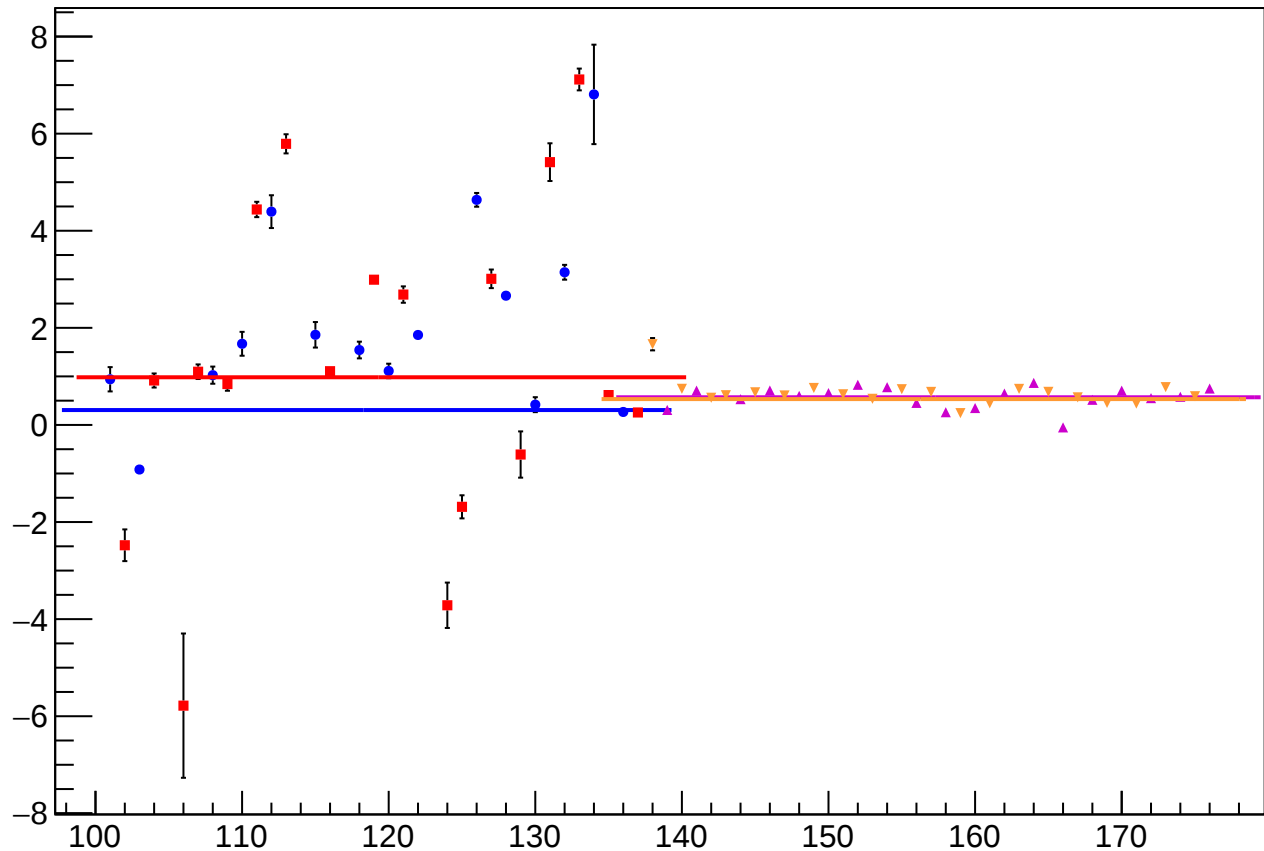
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -225.761 ± 0.079 $\chi^2/\text{NDF}: 298671.7/33$

Out: -236.739 ± 0.058 $\chi^2/\text{NDF}: 331437.0/37$

All: -232.854 ± 0.047 $\chi^2/\text{NDF}: 642682.2/71$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.533 ± 0.002 $\chi^2/\text{NDF}: 9629.2/19$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.570 ± 0.002 $\chi^2/\text{NDF}: 15641.5/18$

Left: 0.555 ± 0.001 $\chi^2/\text{NDF}: 25493.0/38$

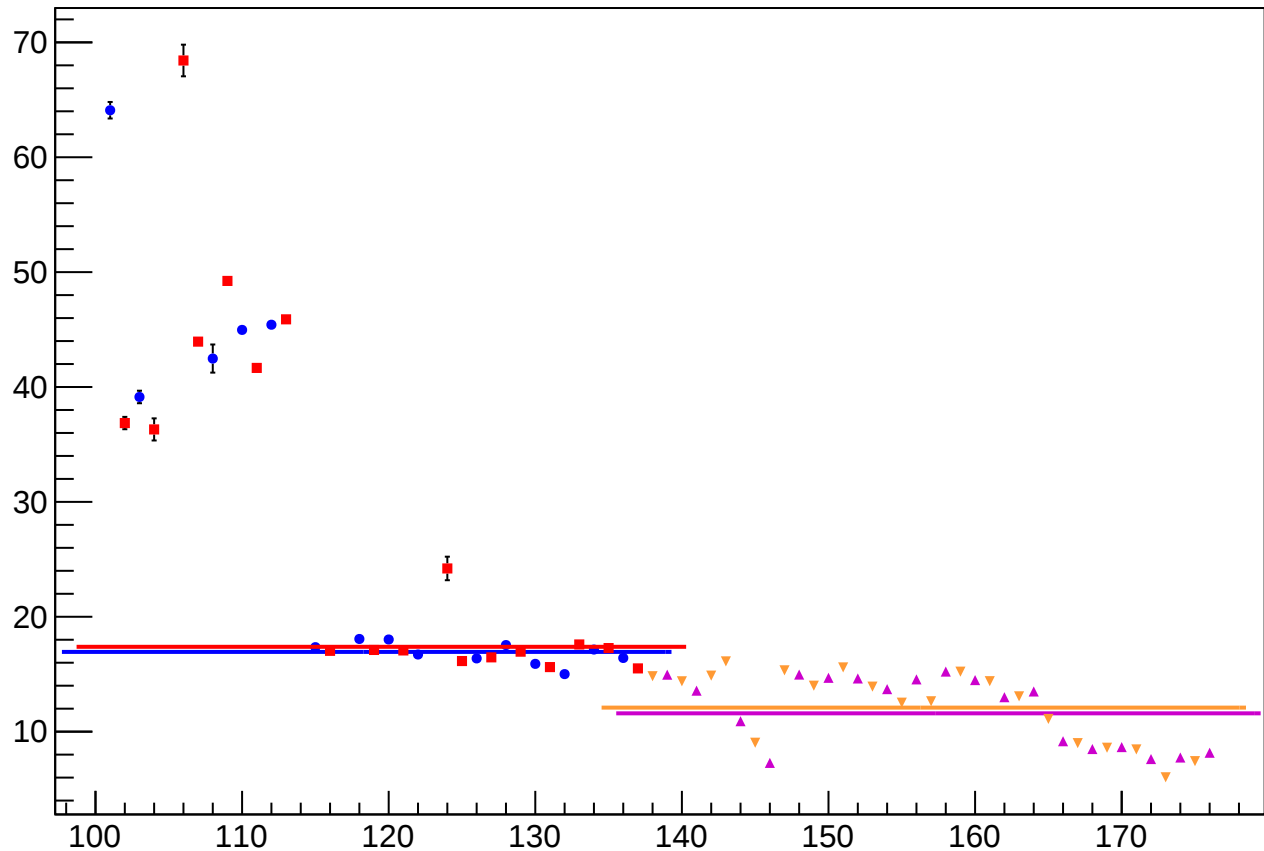
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.555 ± 0.002 $\chi^2/\text{NDF}: 19915.2/33$

Out: 0.540 ± 0.002 $\chi^2/\text{NDF}: 13925.2/37$

All: 0.549 ± 0.001 $\chi^2/\text{NDF}: 33879.0/71$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 12.092 ± 0.008 $\chi^2/\text{NDF}: 187860.3/19$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.594 ± 0.007 $\chi^2/\text{NDF}: 191168.0/18$

Left: 11.824 ± 0.005 $\chi^2/\text{NDF}: 381294.3/38$

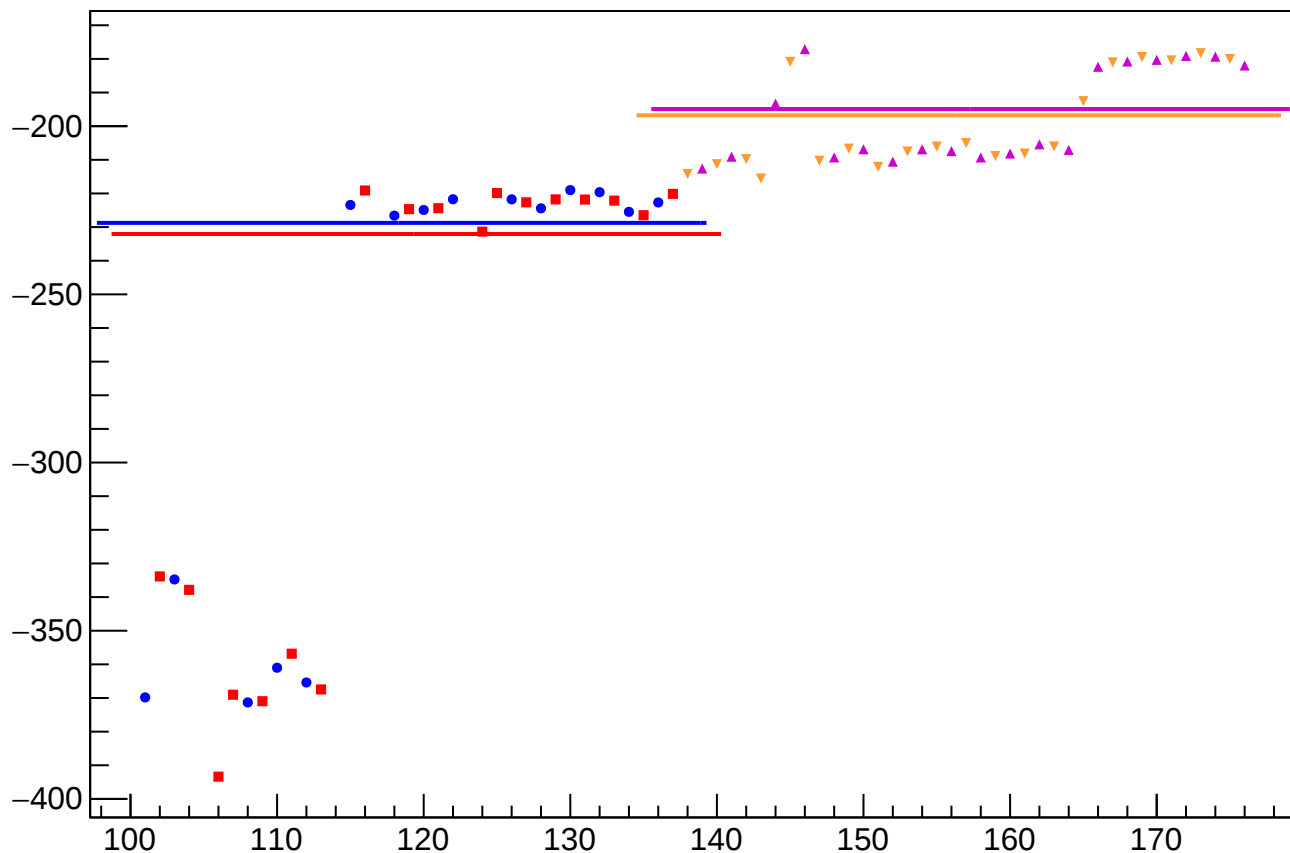
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.848 ± 0.006 $\chi^2/\text{NDF}: 352343.0/33$

Out: 12.940 ± 0.007 $\chi^2/\text{NDF}: 325033.6/37$

All: 12.888 ± 0.005 $\chi^2/\text{NDF}: 677472.9/71$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -196.765 ± 0.015 $\chi^2/\text{NDF}: 993850.5/19$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -194.901 ± 0.013 $\chi^2/\text{NDF}: 1173092.8/18$

Left: -195.715 ± 0.010 $\chi^2/\text{NDF}: 2176117.4/38$

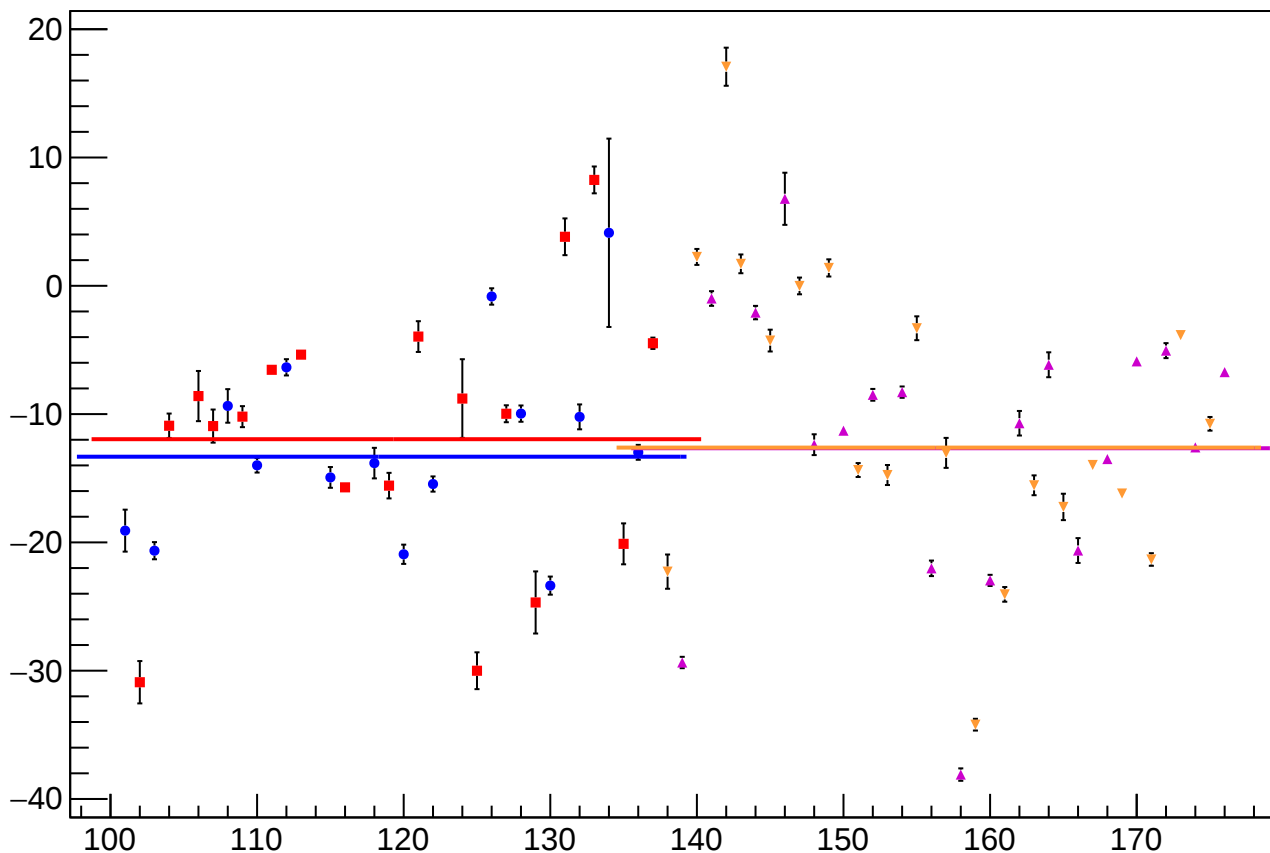
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -198.995 ± 0.012 $\chi^2/\text{NDF}: 2667850.3/33$

Out: -200.686 ± 0.014 $\chi^2/\text{NDF}: 2434453.4/37$

All: -199.729 ± 0.009 $\chi^2/\text{NDF}: 5110846.4/71$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -12.611 ± 0.126 χ^2/NDF : 6128.9/19

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -12.662 ± 0.107 χ^2/NDF : 7184.5/18

Left: -12.641 ± 0.081 χ^2/NDF : 13313.5/38

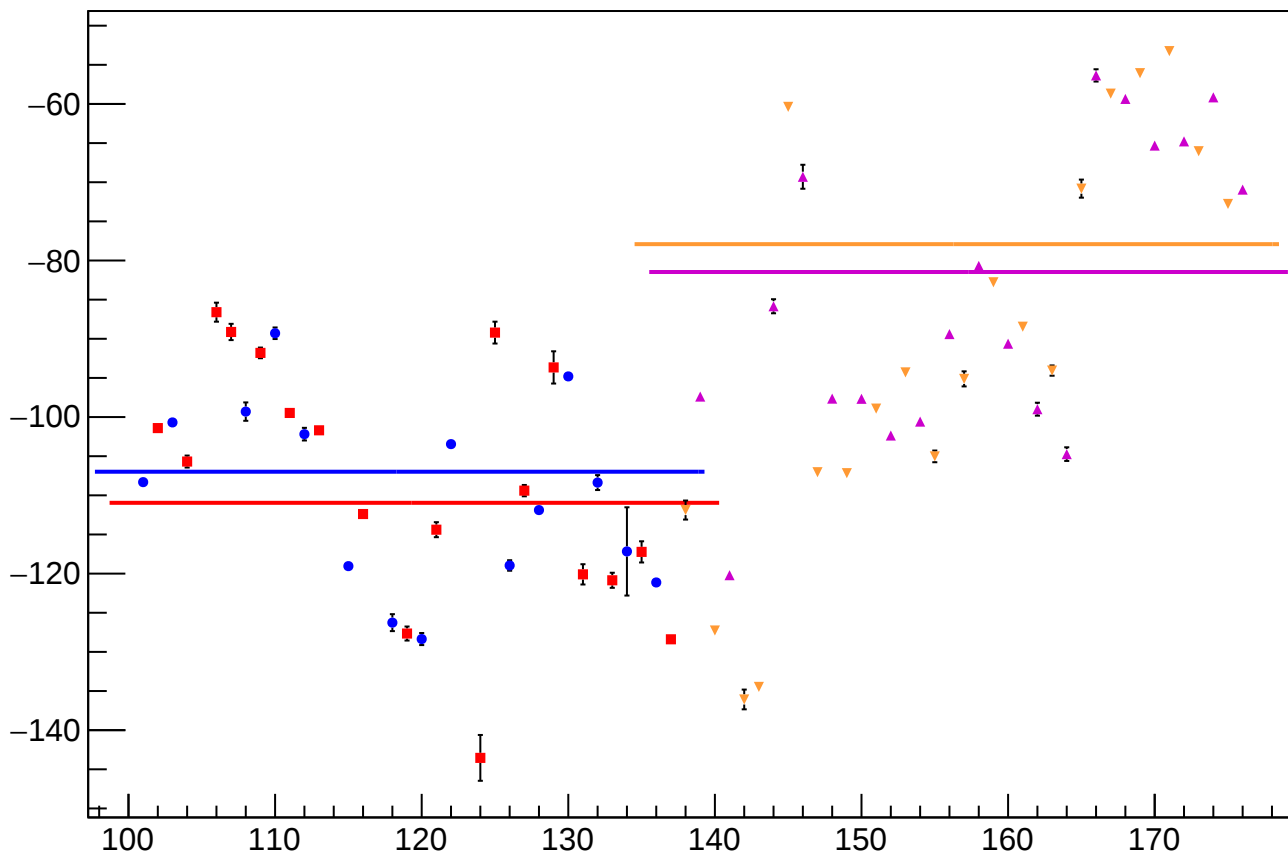
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.815 ± 0.093 χ^2/NDF : 8206.4/33

Out: -12.248 ± 0.084 χ^2/NDF : 8631.2/37

All: -12.501 ± 0.062 χ^2/NDF : 16858.0/71

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -77.911 ± 0.101 $\chi^2/\text{NDF}: 52126.6/19$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -81.468 ± 0.091 $\chi^2/\text{NDF}: 41633.0/18$

Left: -79.865 ± 0.068 $\chi^2/\text{NDF}: 94442.5/38$

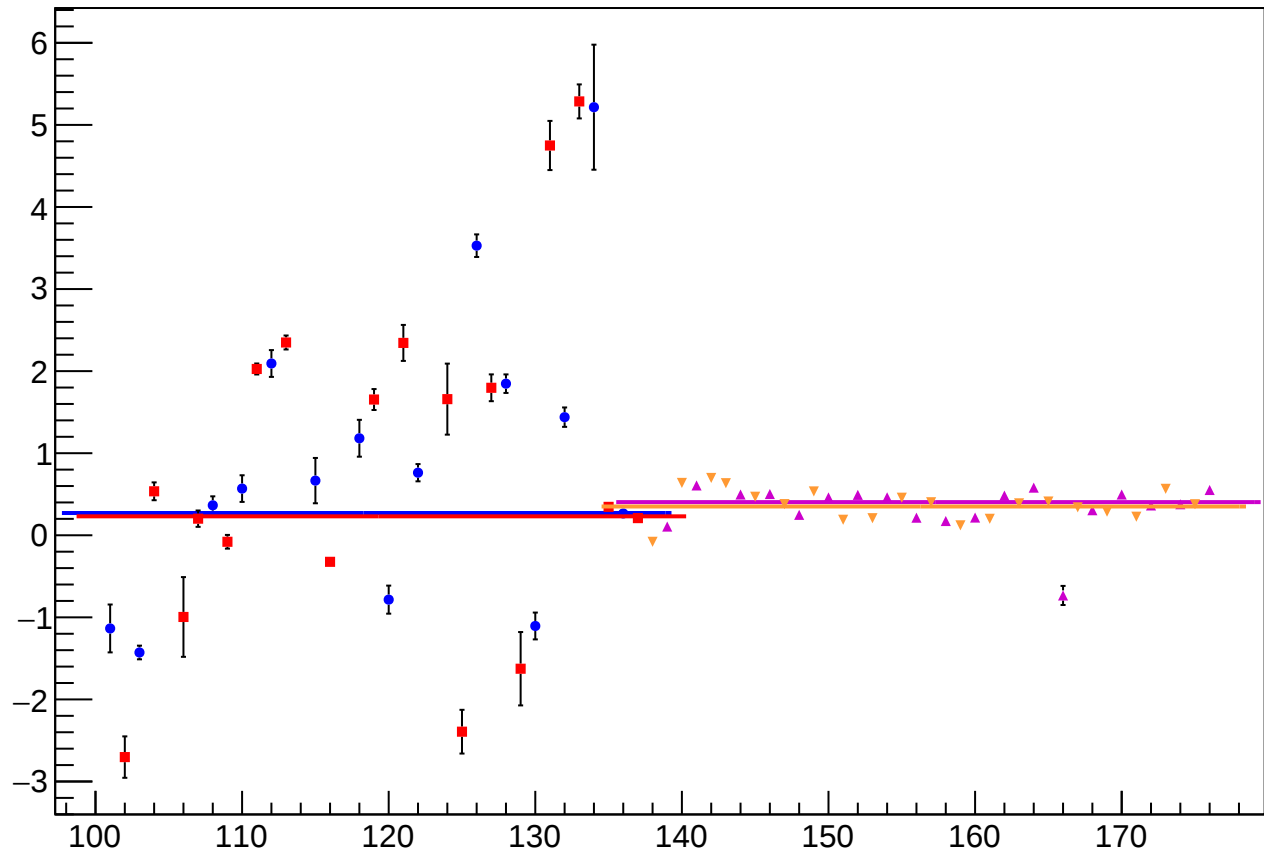
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -91.885 ± 0.070 $\chi^2/\text{NDF}: 78114.2/33$

Out: -104.402 ± 0.045 $\chi^2/\text{NDF}: 148781.0/37$

All: -100.771 ± 0.038 $\chi^2/\text{NDF}: 249402.9/71$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.351 ± 0.002 $\chi^2/\text{NDF}: 8955.3/19$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.404 ± 0.002 $\chi^2/\text{NDF}: 9458.4/18$

Left: 0.382 ± 0.001 $\chi^2/\text{NDF}: 18903.4/38$

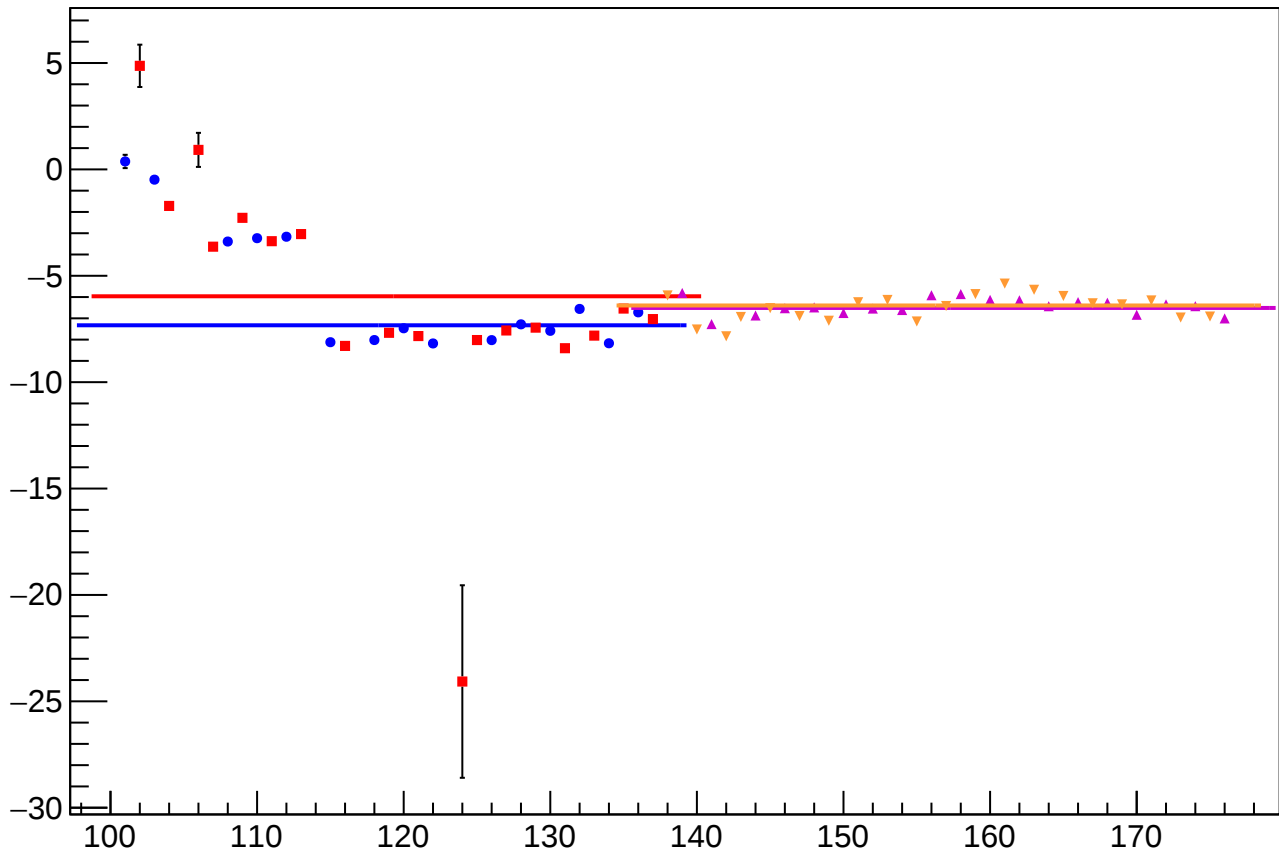
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.394 ± 0.001 $\chi^2/\text{NDF}: 11644.3/33$

Out: 0.333 ± 0.002 $\chi^2/\text{NDF}: 12491.4/37$

All: 0.367 ± 0.001 $\chi^2/\text{NDF}: 24851.9/71$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.395+/-0.005 χ^2/NDF : 6518.9/19

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.512+/-0.005 χ^2/NDF : 6699.7/18

Left: -6.458+/-0.003 χ^2/NDF : 13500.9/38

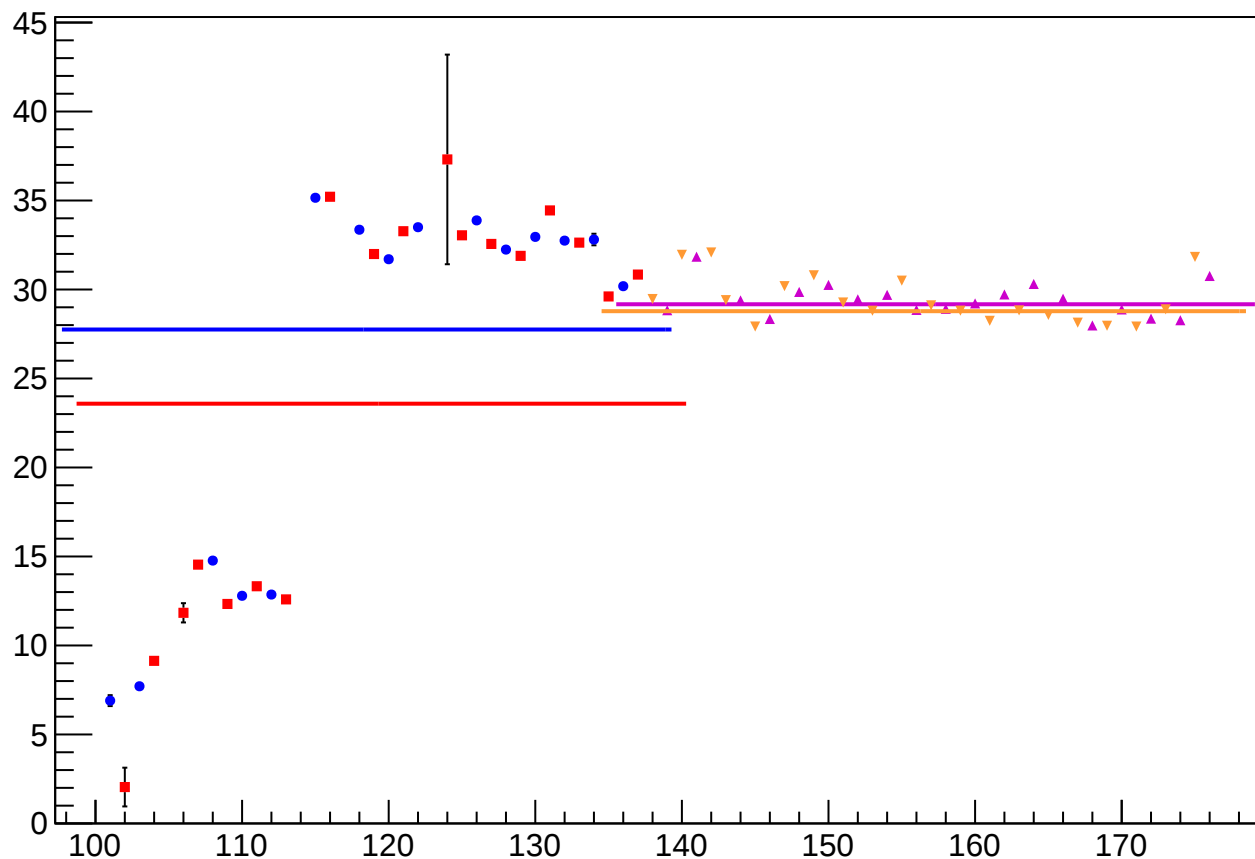
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.707+/-0.004 χ^2/NDF : 44384.7/33

Out: -6.288+/-0.004 χ^2/NDF : 80141.9/37

All: -6.511+/-0.003 χ^2/NDF : 129405.3/71

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.782 $\pm$ 0.009 χ^2 /NDF:14271.0/19

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.171 $\pm$ 0.009 χ^2 /NDF:7866.4/18

Left: 28.983 $\pm$ 0.006 χ^2 /NDF: 23125.6/38

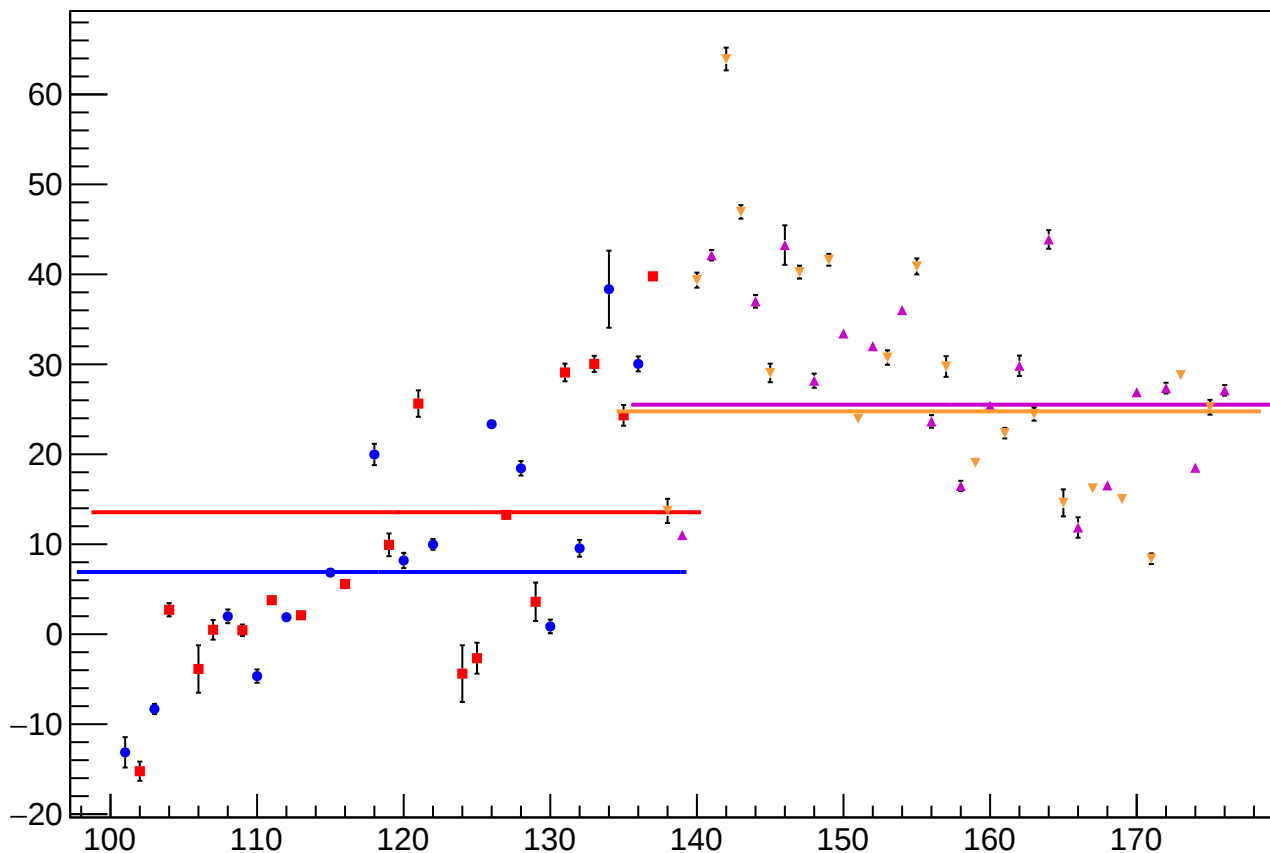
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.821 $\pm$ 0.007 χ^2 /NDF:347503.2/33

Out: 27.240 $\pm$ 0.007 χ^2 /NDF:654914.4/37

All: 28.031 $\pm$ 0.005 χ^2 /NDF: 1024835.6/71

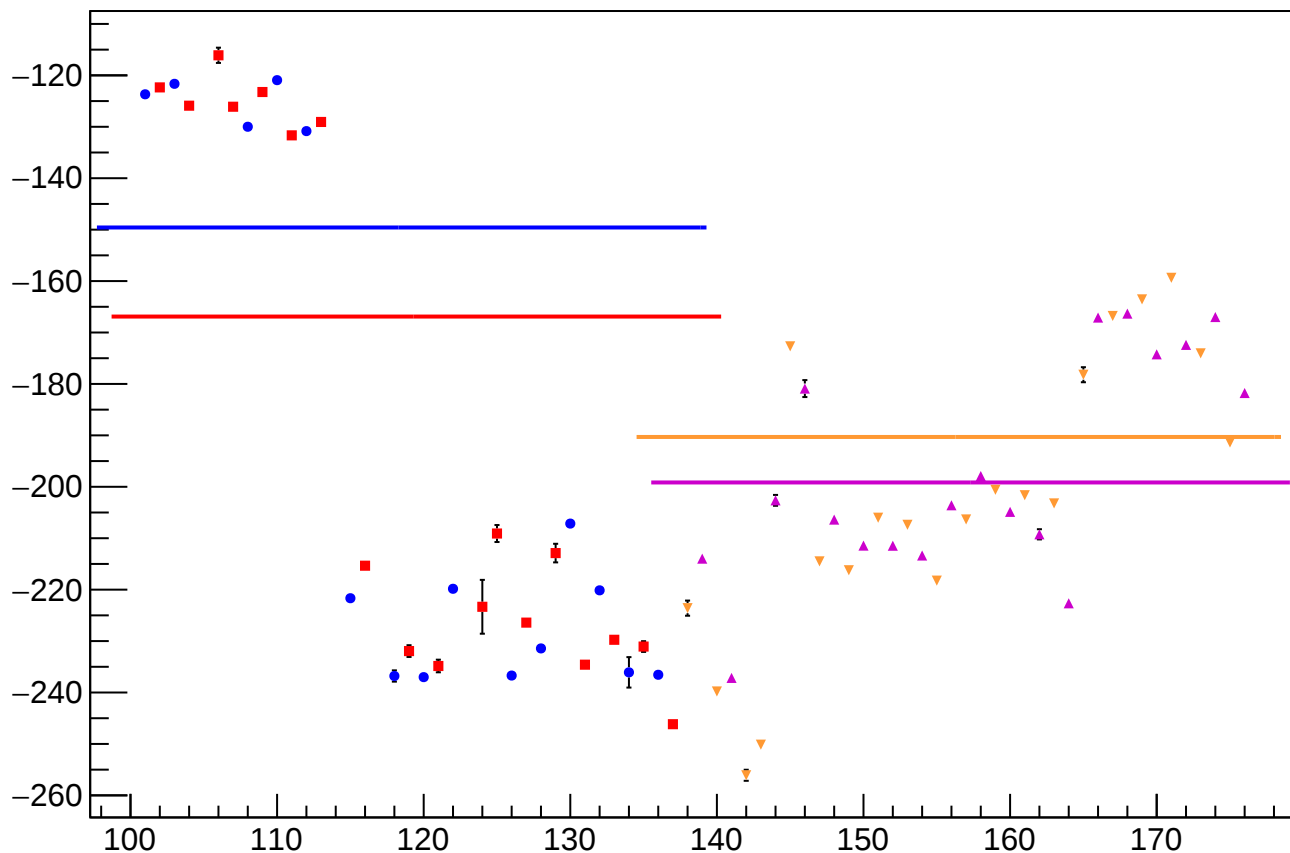
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 24.773 ± 0.139 $\chi^2/\text{NDF}: 5968.7/19$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 25.514 ± 0.118 $\chi^2/\text{NDF}: 5819.8/18$

Left: 25.203 ± 0.090 $\chi^2/\text{NDF}: 11804.9/38$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 19.749 ± 0.098 $\chi^2/\text{NDF}: 16979.7/33$
 Out: 19.395 ± 0.100 $\chi^2/\text{NDF}: 20737.5/37$
 All: 19.576 ± 0.070 $\chi^2/\text{NDF}: 37723.6/71$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -190.312+/-0.113 χ^2/NDF : 48394.3/19

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -199.159+/-0.102 χ^2/NDF : 39874.4/18

Left: -195.179+/-0.076 χ^2/NDF : 91657.8/38

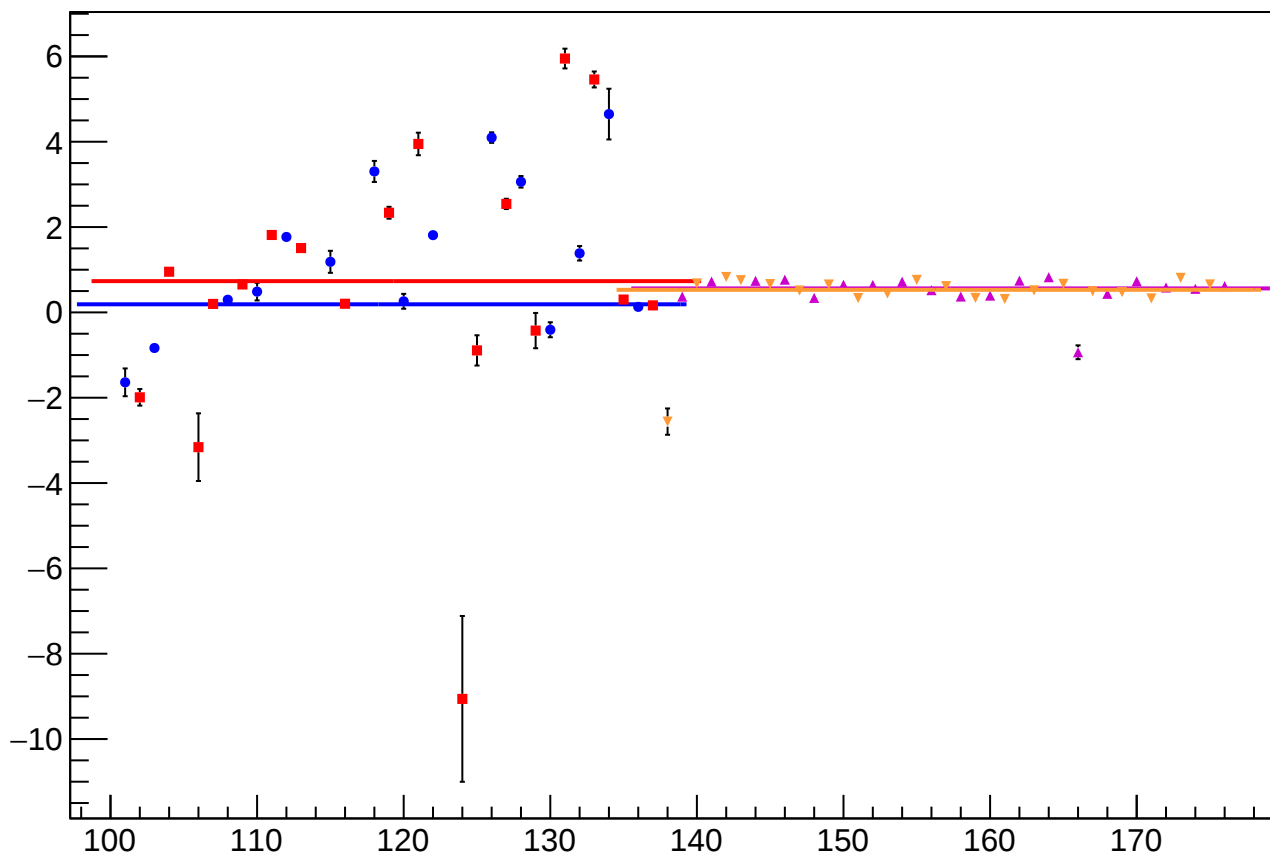
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.111+/-0.072 χ^2/NDF : 354493.5/33

Out: -177.278+/-0.075 χ^2/NDF : 367900.6/37

All: -175.622+/-0.052 χ^2/NDF : 723325.0/71

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.529 $\pm$ 0.002 χ^2 /NDF:8070.5/19

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.562 $\pm$ 0.002 χ^2 /NDF:5341.7/18

Left: 0.547 $\pm$ 0.001 χ^2 /NDF: 13539.3/38

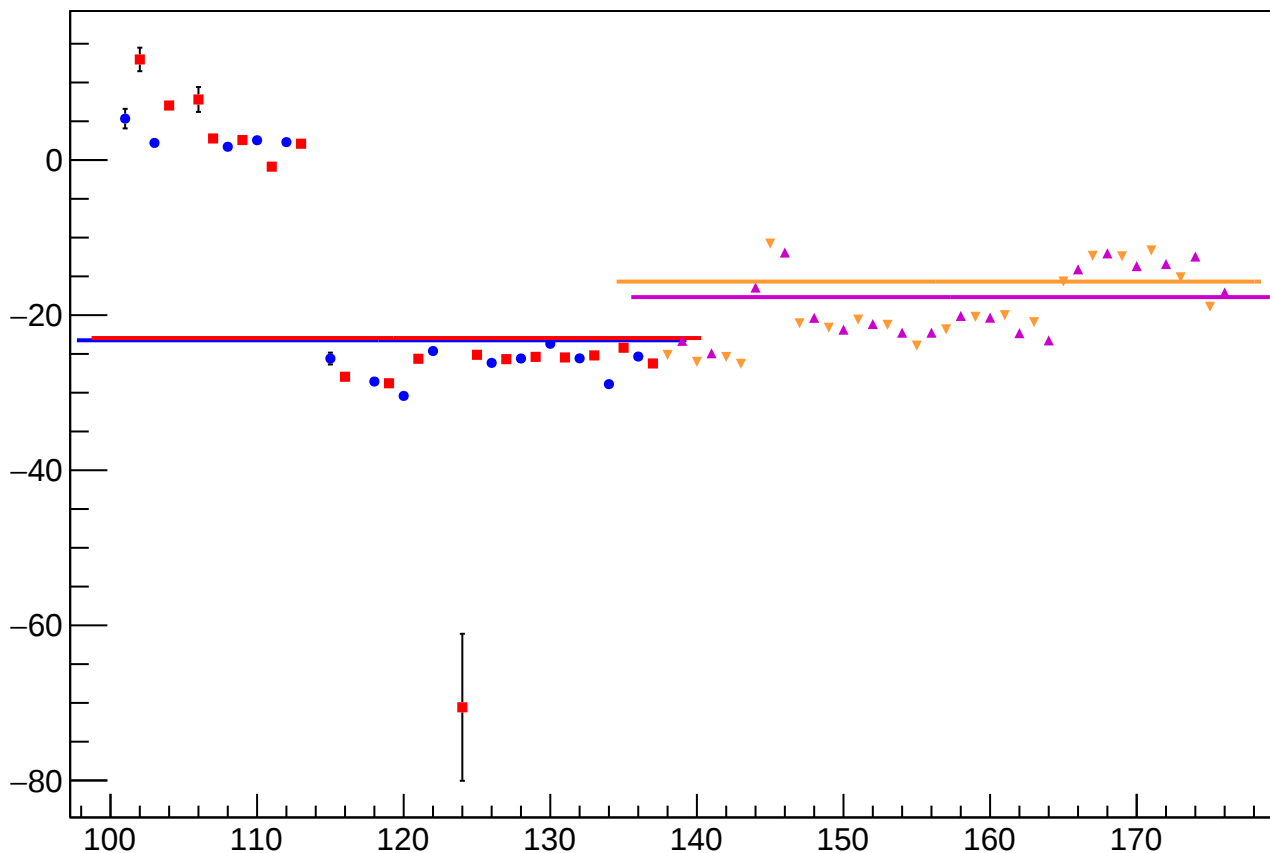
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.543 $\pm$ 0.002 χ^2 /NDF:9845.3/33

Out: 0.532 $\pm$ 0.002 χ^2 /NDF:10842.3/37

All: 0.538 $\pm$ 0.001 χ^2 /NDF: 20704.2/71

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.673 ± 0.012 $\chi^2/\text{NDF}: 176508.2/19$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.674 ± 0.012 $\chi^2/\text{NDF}: 120155.7/18$

Left: -16.651 ± 0.008 $\chi^2/\text{NDF}: 311236.1/38$

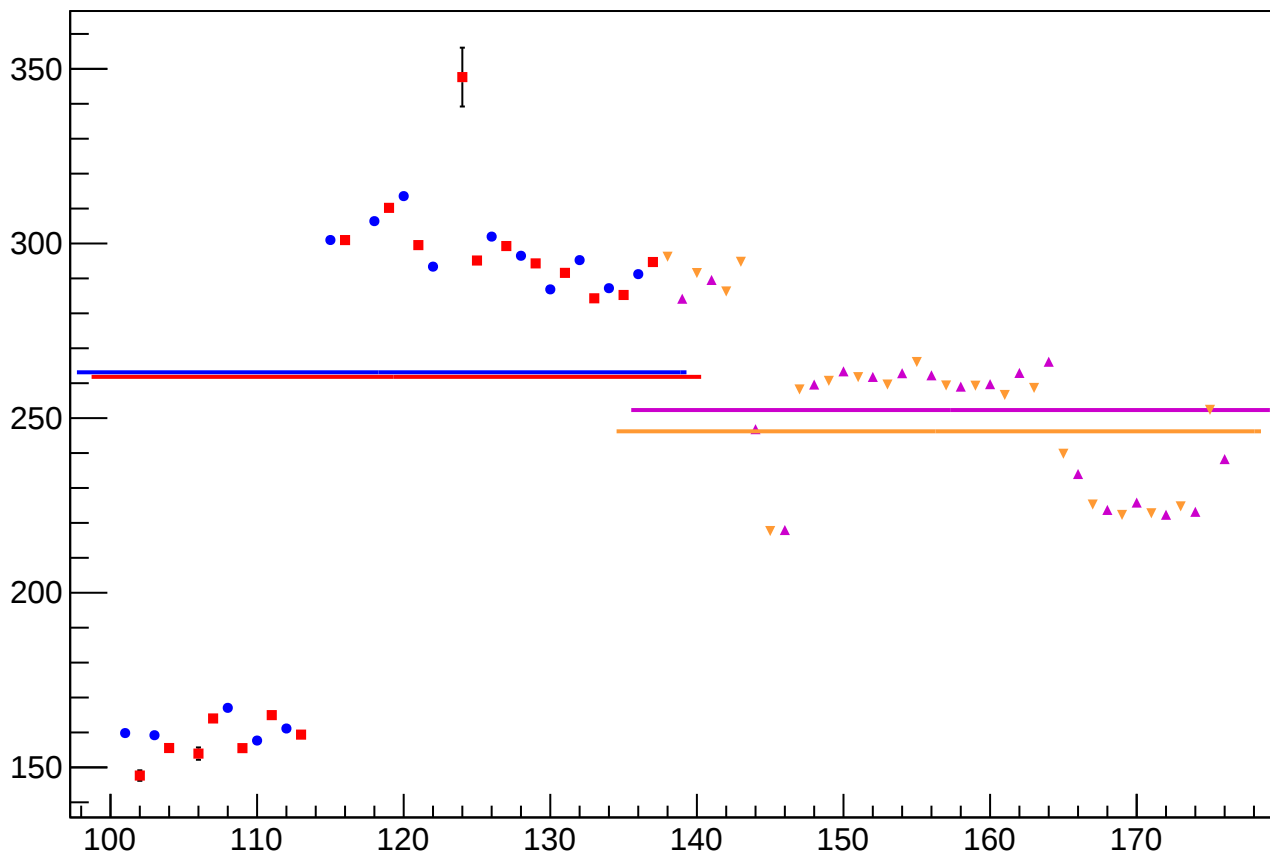
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.711 ± 0.011 $\chi^2/\text{NDF}: 264379.1/33$

Out: -16.987 ± 0.010 $\chi^2/\text{NDF}: 355747.0/37$

All: -17.833 ± 0.007 $\chi^2/\text{NDF}: 633372.2/71$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.221+/-0.029 χ^2/NDF : 674967.8/19

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.313+/-0.029 χ^2/NDF : 356933.7/18

Left: 249.261+/-0.020 χ^2/NDF : 1054572.5/38

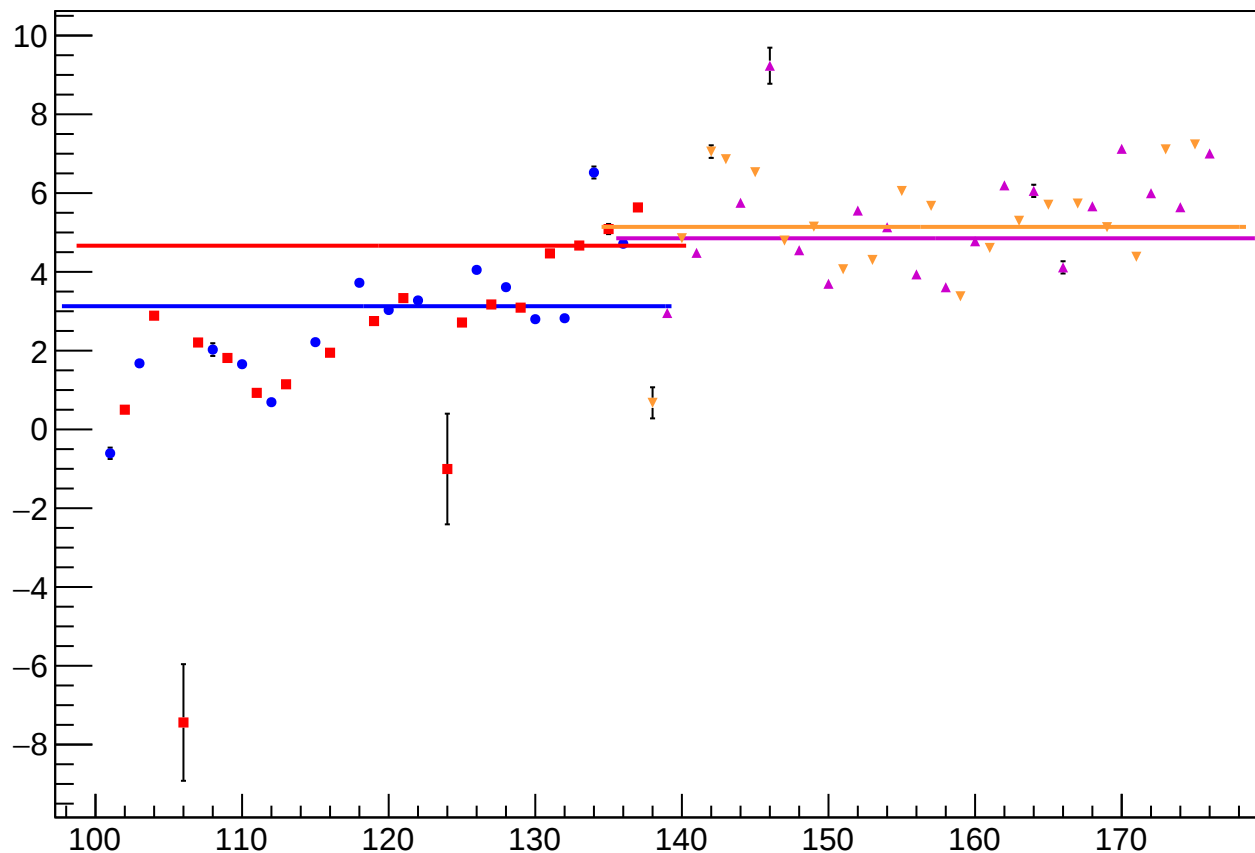
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.898+/-0.026 χ^2/NDF : 1070708.8/33

Out: 249.071+/-0.026 χ^2/NDF : 1735553.1/37

All: 251.428+/-0.018 χ^2/NDF : 2823300.6/71

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.142 ± 0.015 $\chi^2/\text{NDF}: 4095.2/19$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.853 ± 0.013 $\chi^2/\text{NDF}: 9925.0/18$

Left: 4.983 ± 0.010 $\chi^2/\text{NDF}: 14236.8/38$

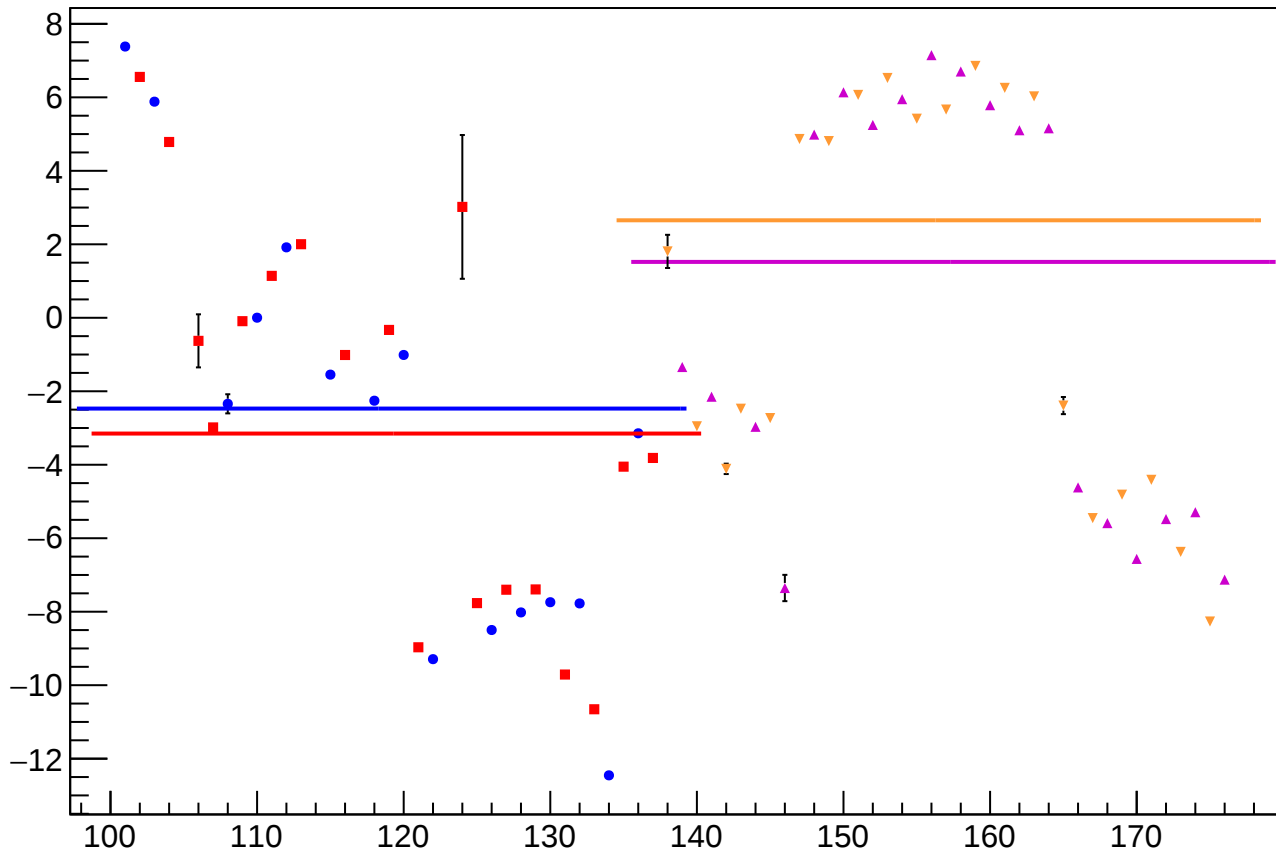
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.141 ± 0.010 $\chi^2/\text{NDF}: 22621.8/33$

Out: 4.741 ± 0.006 $\chi^2/\text{NDF}: 71861.9/37$

All: 4.592 ± 0.005 $\chi^2/\text{NDF}: 97124.0/71$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 2.653 ± 0.012 $\chi^2/\text{NDF}: 156042.5/19$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 1.521 ± 0.012 $\chi^2/\text{NDF}: 215820.7/18$

Left: 2.058 ± 0.008 $\chi^2/\text{NDF}: 376451.1/38$

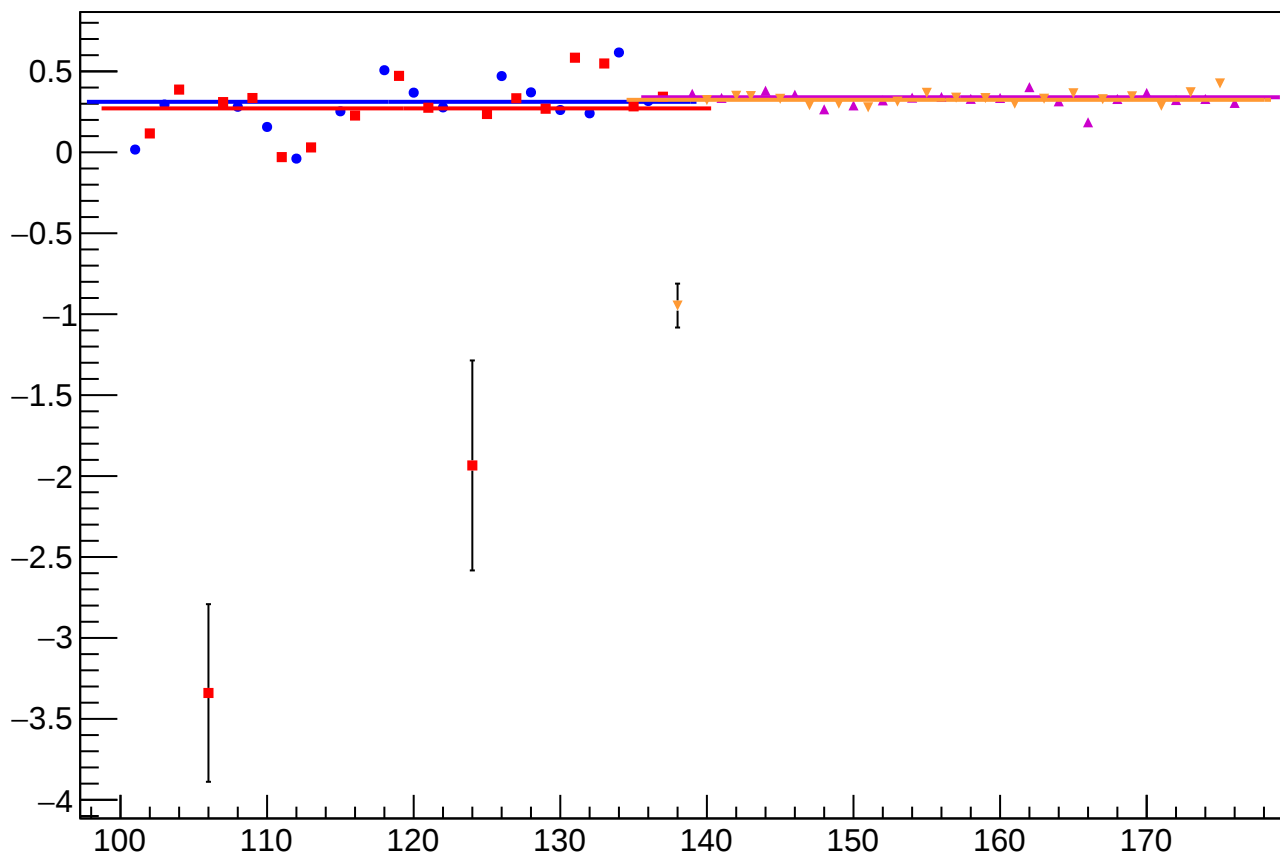
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.075 ± 0.009 $\chi^2/\text{NDF}: 506474.6/33$

Out: -1.565 ± 0.006 $\chi^2/\text{NDF}: 570076.5/37$

All: -1.065 ± 0.005 $\chi^2/\text{NDF}: 1095100.9/71$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 2529.6/19$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 3334.2/18$

Left: 0.333 ± 0.000 $\chi^2/\text{NDF}: 6240.4/38$

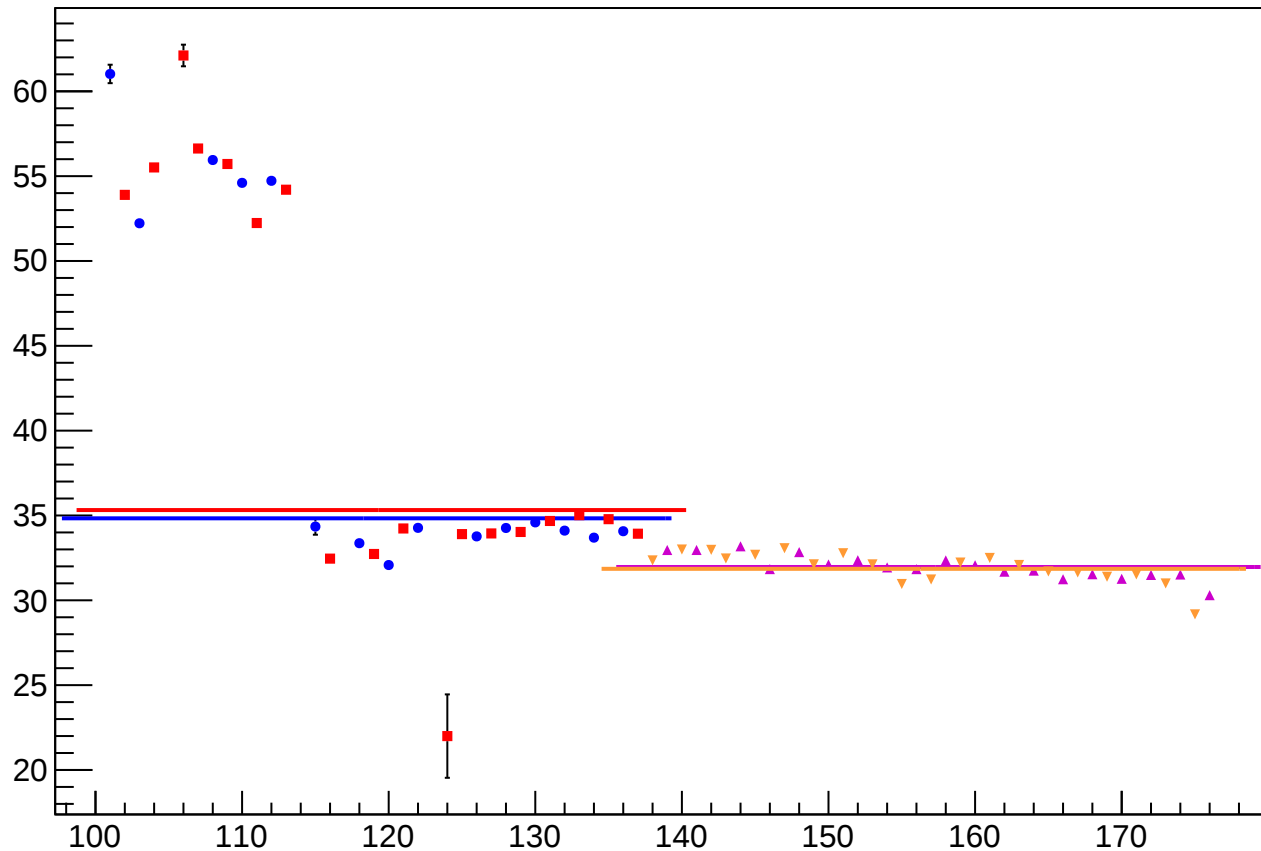
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.336 ± 0.001 $\chi^2/\text{NDF}: 5059.9/33$

Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 9258.5/37$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 14713.7/71$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2/NDF : 245568.8/14

Left Out: 31.856 $\pm$ 0.003 χ^2/NDF : 26746.5/19

Right Out: 35.319 $\pm$ 0.010 χ^2/NDF : 261492.0/17

Left In: 31.964 $\pm$ 0.004 χ^2/NDF : 15403.6/18

Left: 31.904 $\pm$ 0.002 χ^2/NDF : 42630.8/38

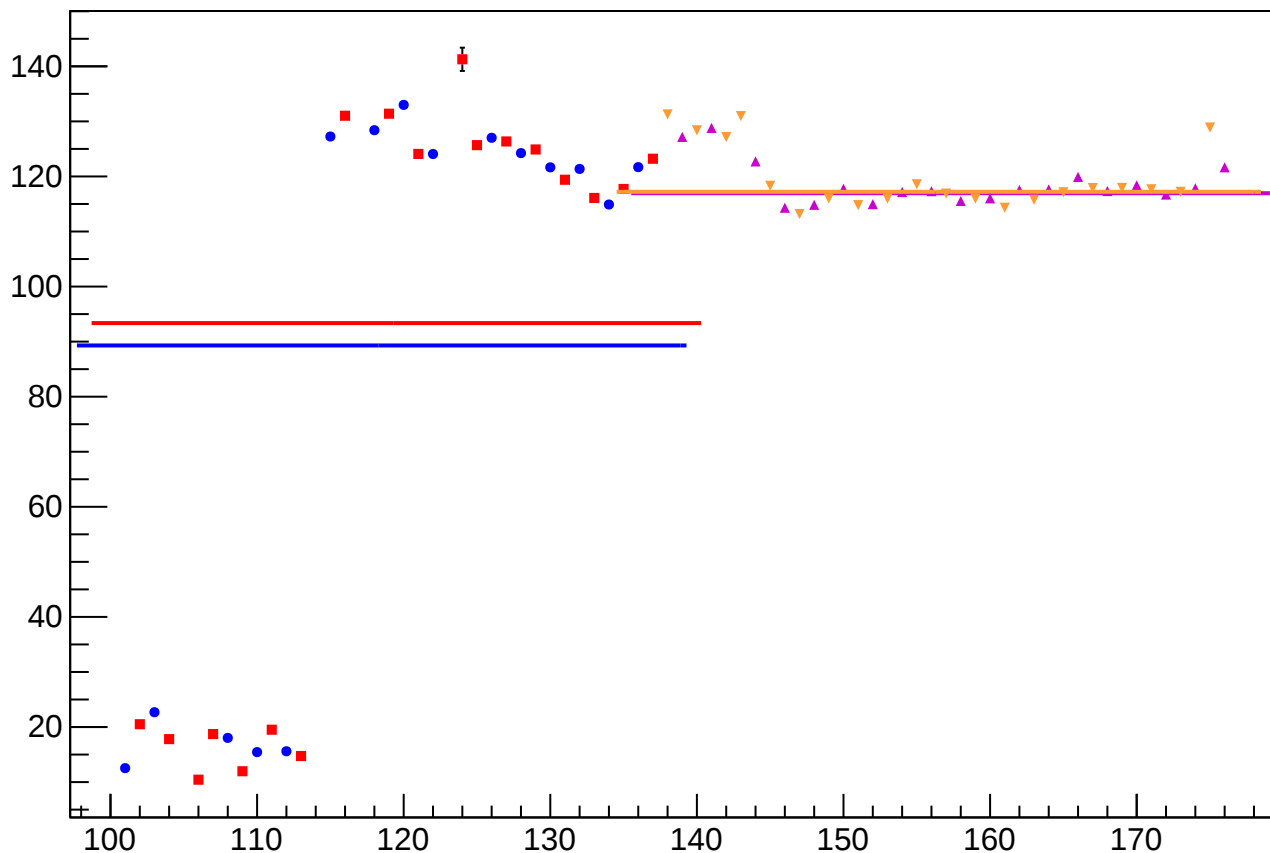
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 32.405 $\pm$ 0.003 χ^2/NDF : 354629.0/33

Out: 32.194 $\pm$ 0.003 χ^2/NDF : 397486.2/37

All: 32.291 $\pm$ 0.002 χ^2/NDF : 754215.3/71

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.216 ± 0.008 $\chi^2/\text{NDF}: 124850.9/19$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.957 ± 0.009 $\chi^2/\text{NDF}: 44589.7/18$

Left: 117.099 ± 0.006 $\chi^2/\text{NDF}: 169913.6/38$

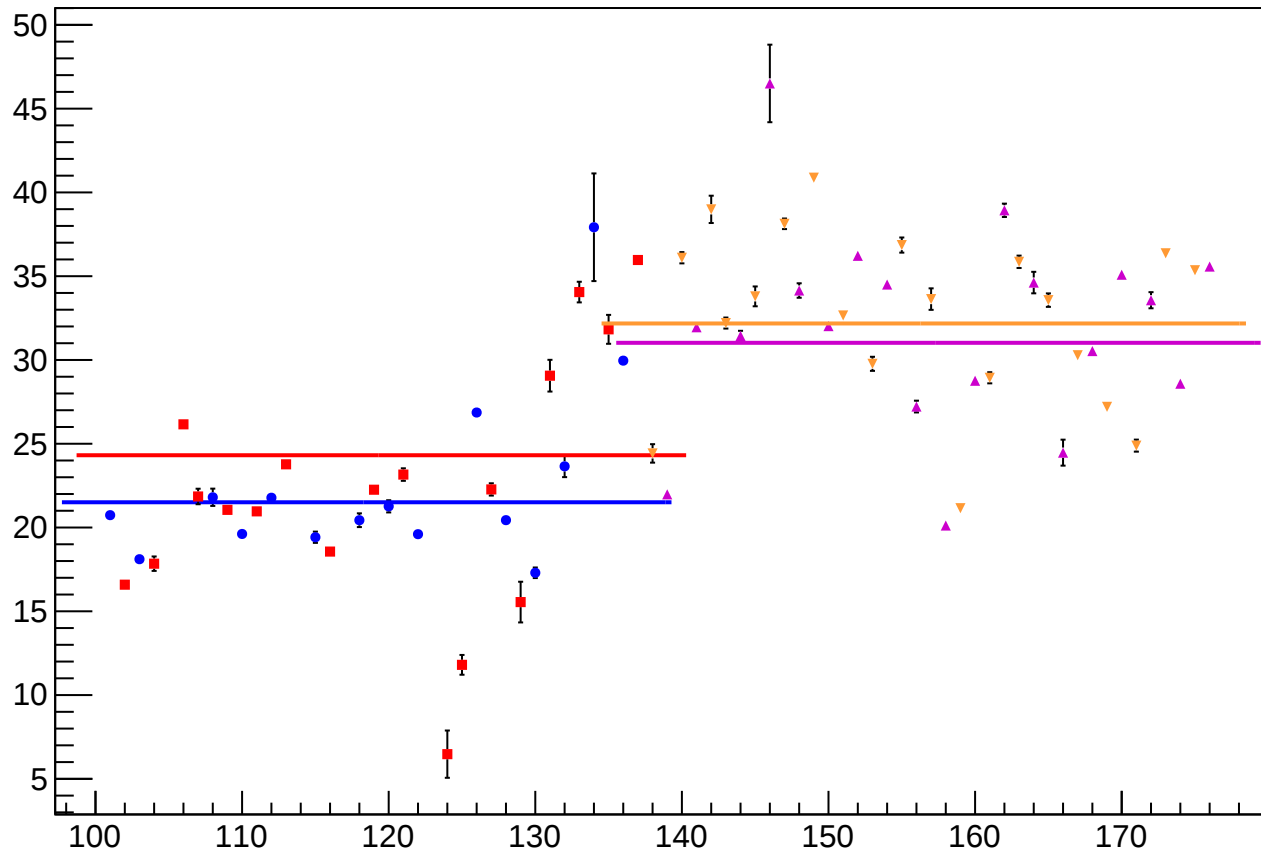
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.375 ± 0.008 $\chi^2/\text{NDF}: 4000130.5/33$

Out: 115.619 ± 0.008 $\chi^2/\text{NDF}: 3569301.1/37$

All: 115.046 ± 0.006 $\chi^2/\text{NDF}: 7581309.2/71$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.179 $\pm$ 0.073 χ^2/NDF : 4981.0/19

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 31.024 $\pm$ 0.063 χ^2/NDF : 5896.1/18

Left: 31.515 $\pm$ 0.048 χ^2/NDF : 11020.3/38

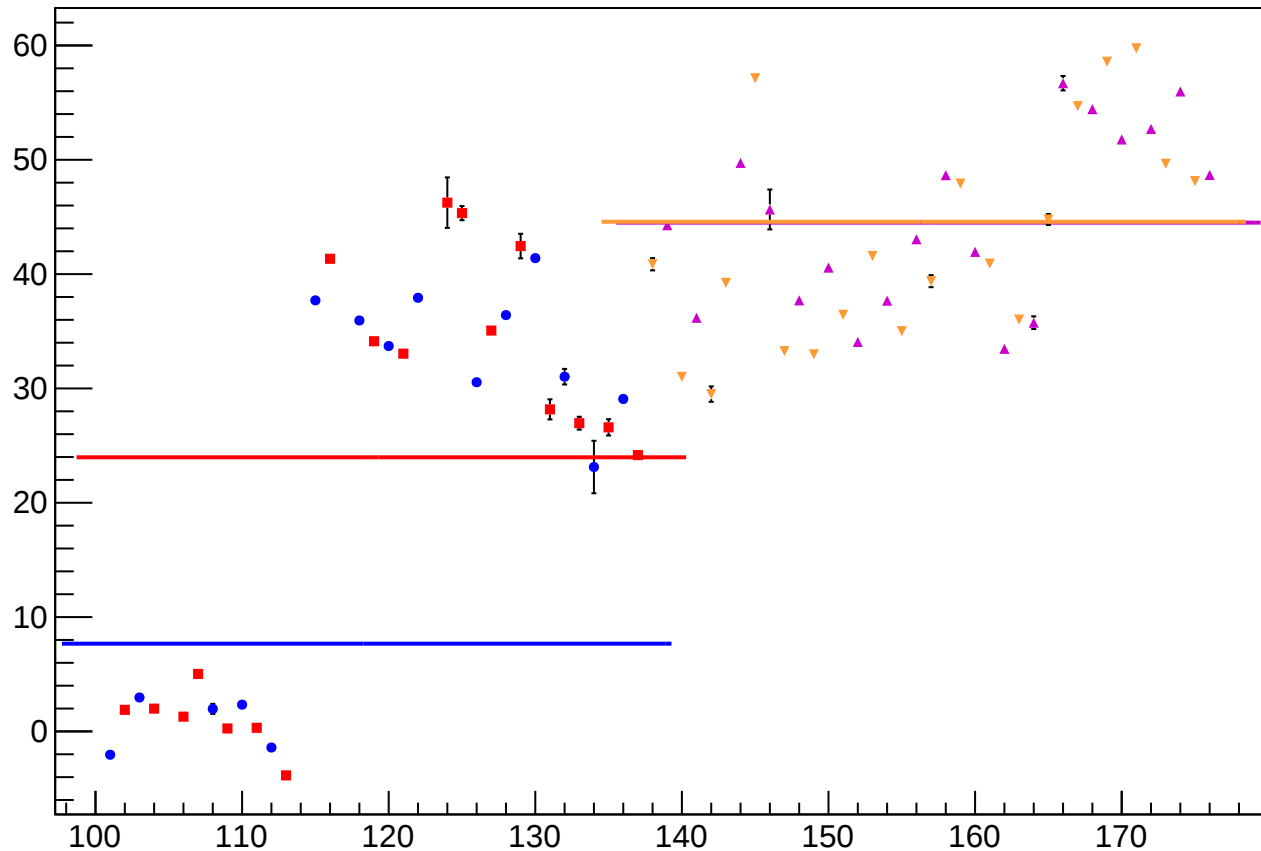
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 26.923 $\pm$ 0.047 χ^2/NDF : 18714.0/33

Out: 27.381 $\pm$ 0.046 χ^2/NDF : 26331.4/37

All: 27.161 $\pm$ 0.033 χ^2/NDF : 45093.6/71

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 44.580 ± 0.060 $\chi^2/\text{NDF}: 21817.6/19$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 44.504 ± 0.053 $\chi^2/\text{NDF}: 16483.3/18$

Left: 44.537 ± 0.040 $\chi^2/\text{NDF}: 38301.8/38$

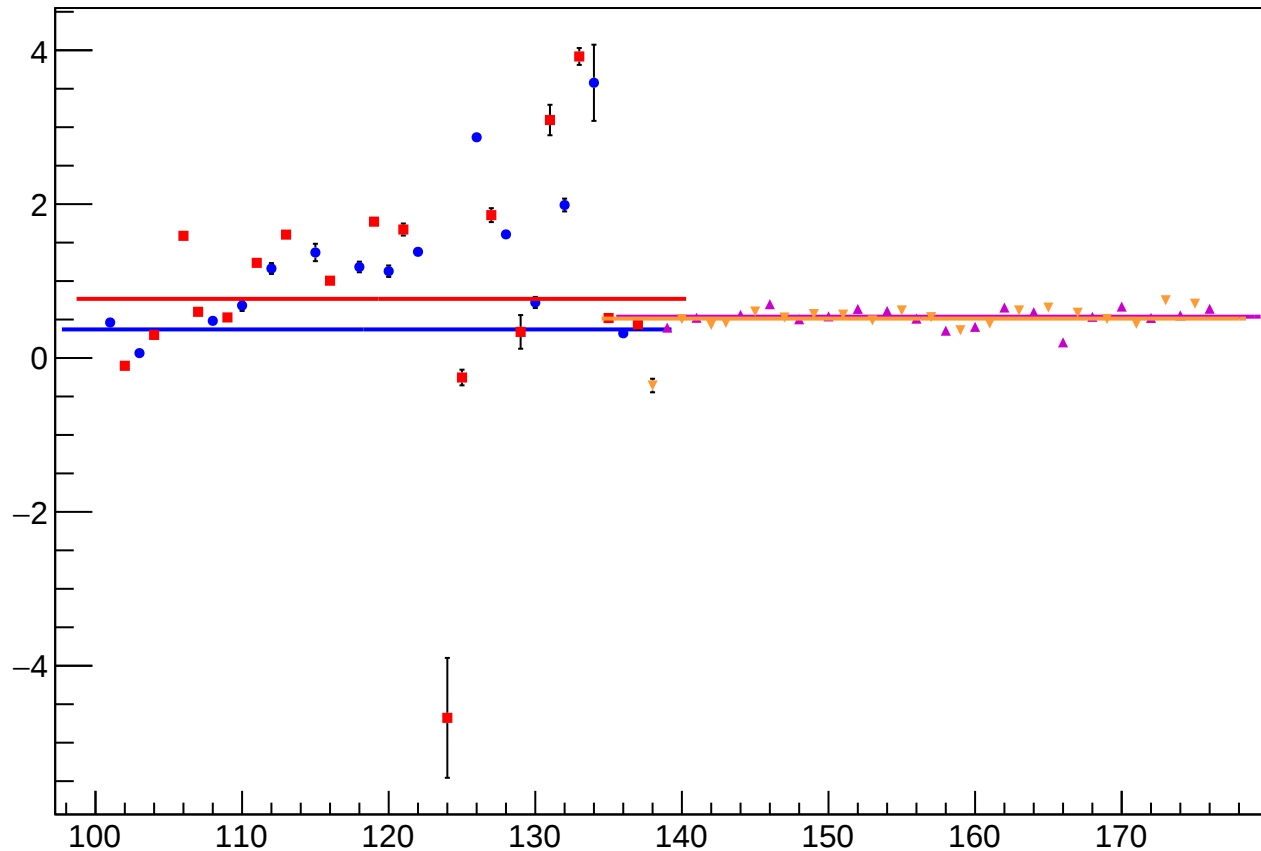
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 23.030 ± 0.035 $\chi^2/\text{NDF}: 389297.2/33$

Out: 24.347 ± 0.008 $\chi^2/\text{NDF}: 246356.7/37$

All: 24.279 ± 0.008 $\chi^2/\text{NDF}: 637032.4/71$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.512 ± 0.001 $\chi^2/\text{NDF}: 13102.3/19$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.537 ± 0.001 $\chi^2/\text{NDF}: 12262.4/18$

Left: 0.526 ± 0.001 $\chi^2/\text{NDF}: 25673.1/38$

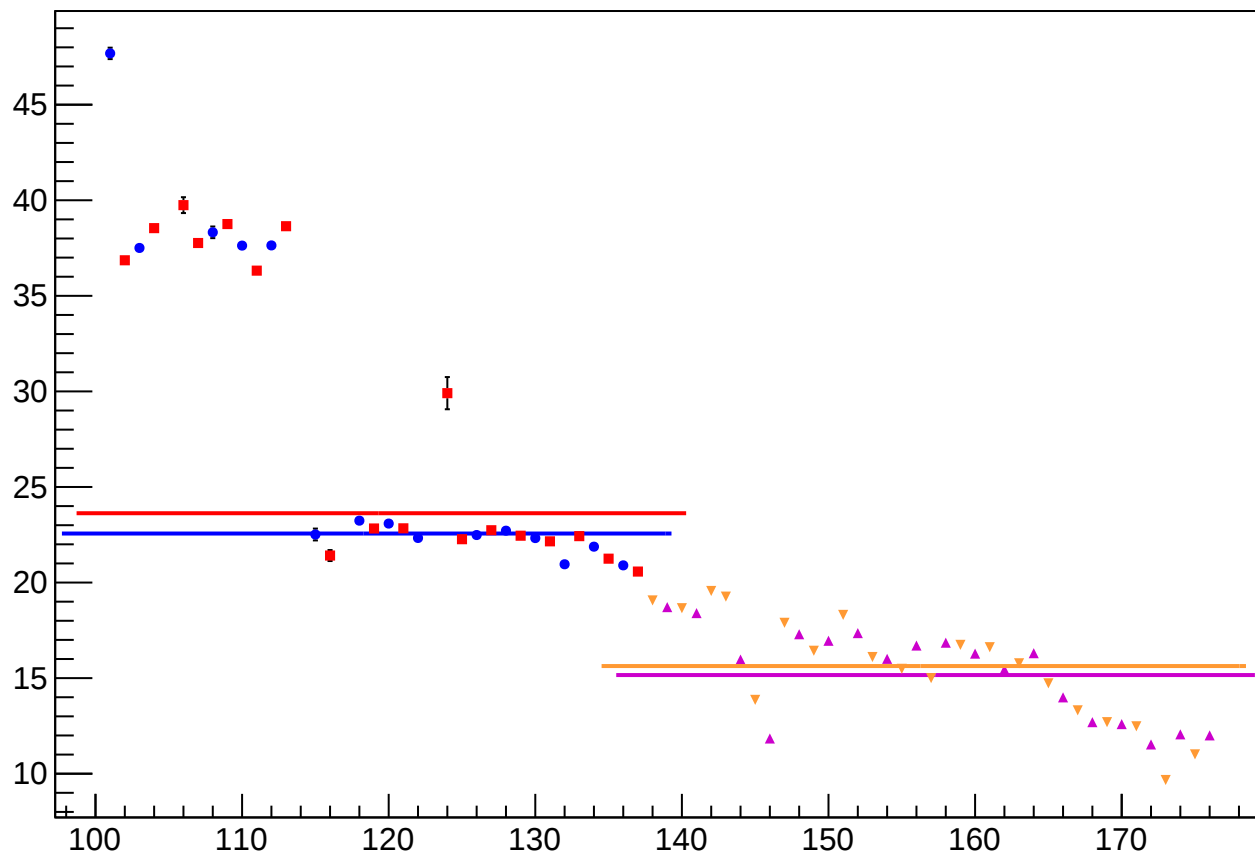
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.530 ± 0.001 $\chi^2/\text{NDF}: 18391.2/33$

Out: 0.518 ± 0.001 $\chi^2/\text{NDF}: 18576.6/37$

All: 0.525 ± 0.001 $\chi^2/\text{NDF}: 37036.0/71$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.632 $\pm$ 0.006 χ^2 /NDF:191452.8/19

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.161 $\pm$ 0.006 χ^2 /NDF:134676.1/18

Left: 15.409 $\pm$ 0.004 χ^2 /NDF: 329129.9/38

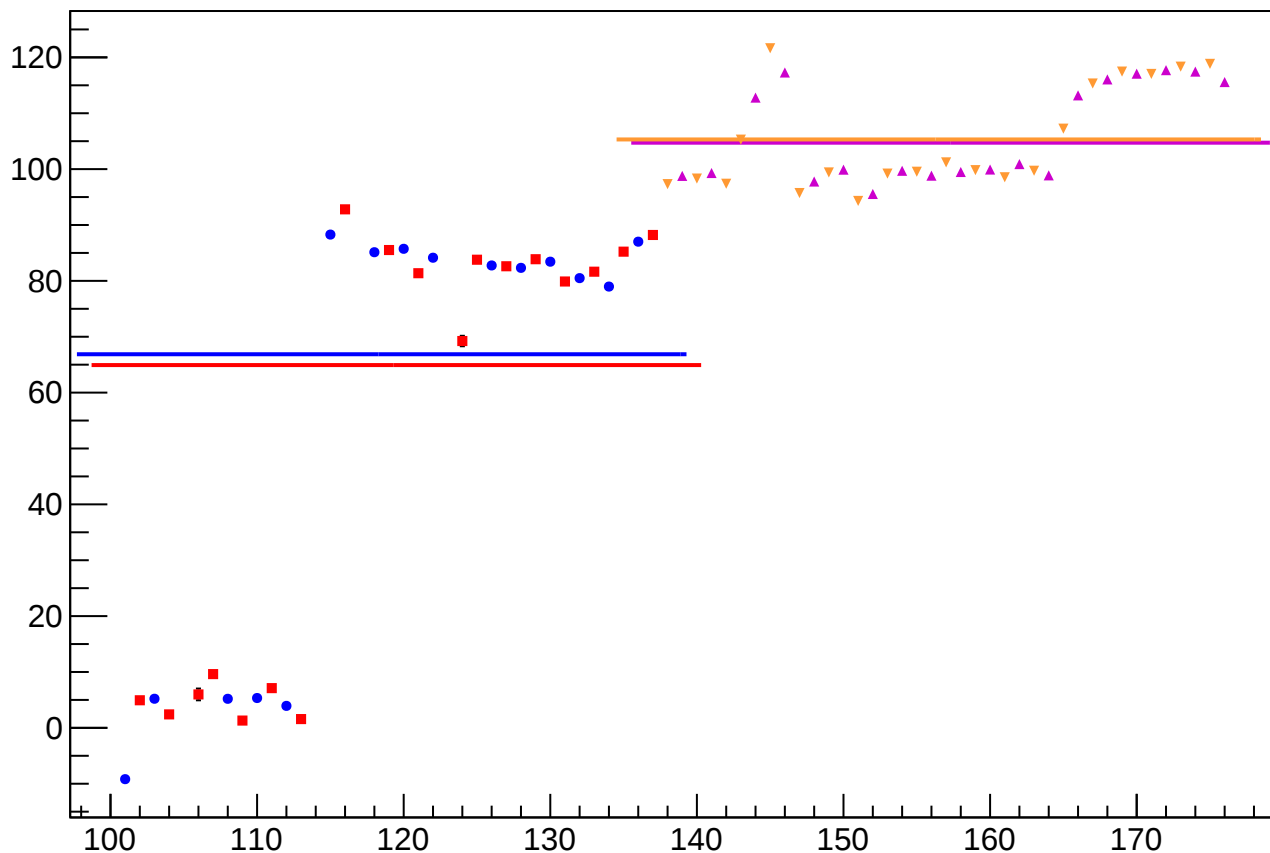
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 17.183 $\pm$ 0.005 χ^2 /NDF:612531.7/33

Out: 17.371 $\pm$ 0.005 χ^2 /NDF:711815.9/37

All: 17.279 $\pm$ 0.004 χ^2 /NDF: 1324985.2/71

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 105.310+/-0.011 χ^2/NDF : 636095.5/19

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 104.730+/-0.011 χ^2/NDF : 559703.9/18

Left: 105.017+/-0.008 χ^2/NDF : 1197191.8/38

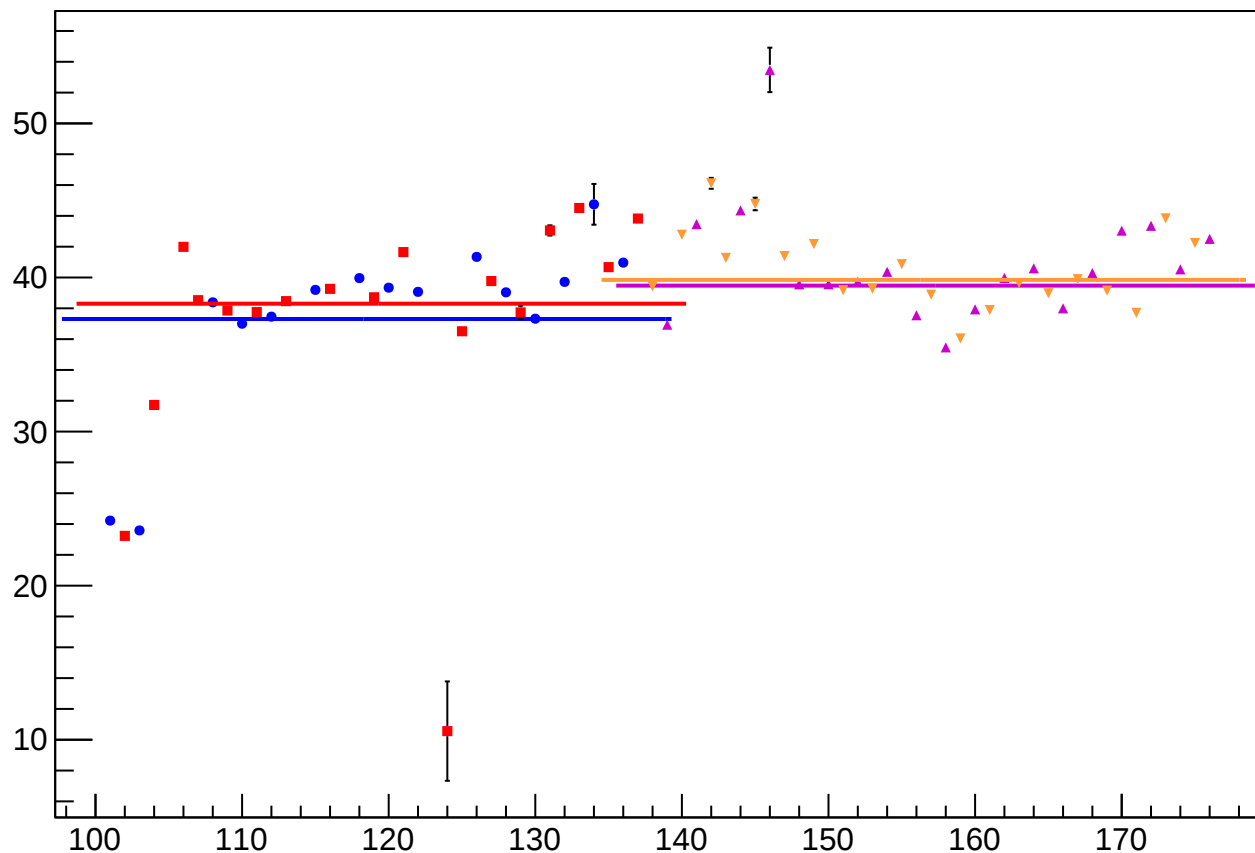
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 99.421+/-0.010 χ^2/NDF : 3737276.0/33

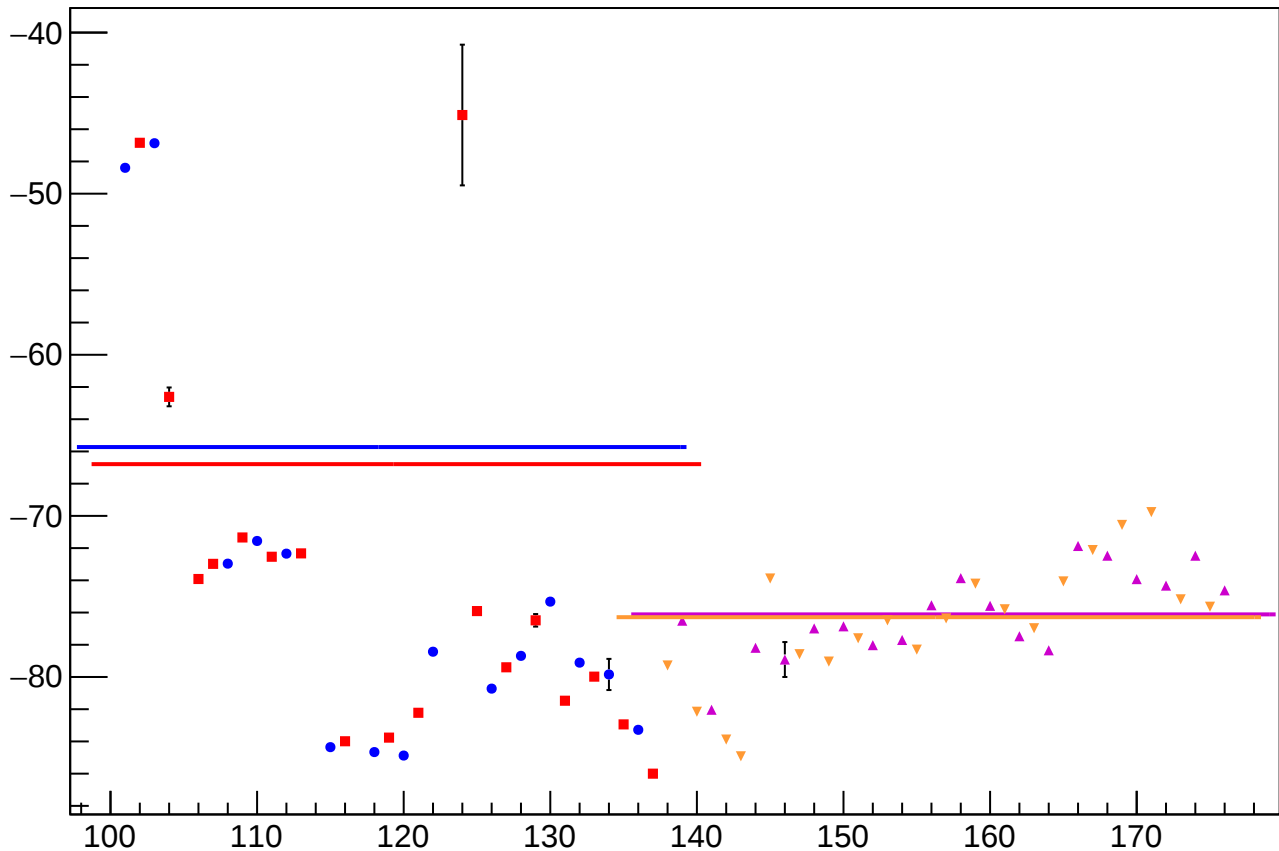
Out: 100.406+/-0.010 χ^2/NDF : 3591709.8/37

All: 99.902+/-0.007 χ^2/NDF : 7333601.0/71

dit_sam7_4aX_slope vs Slug, Sign Corrected



dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.288 $\pm$ 0.025 χ^2 /NDF:21774.0/19

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.114 $\pm$ 0.020 χ^2 /NDF:10219.1/18

Left: -76.183 $\pm$ 0.016 χ^2 /NDF: 32022.4/38

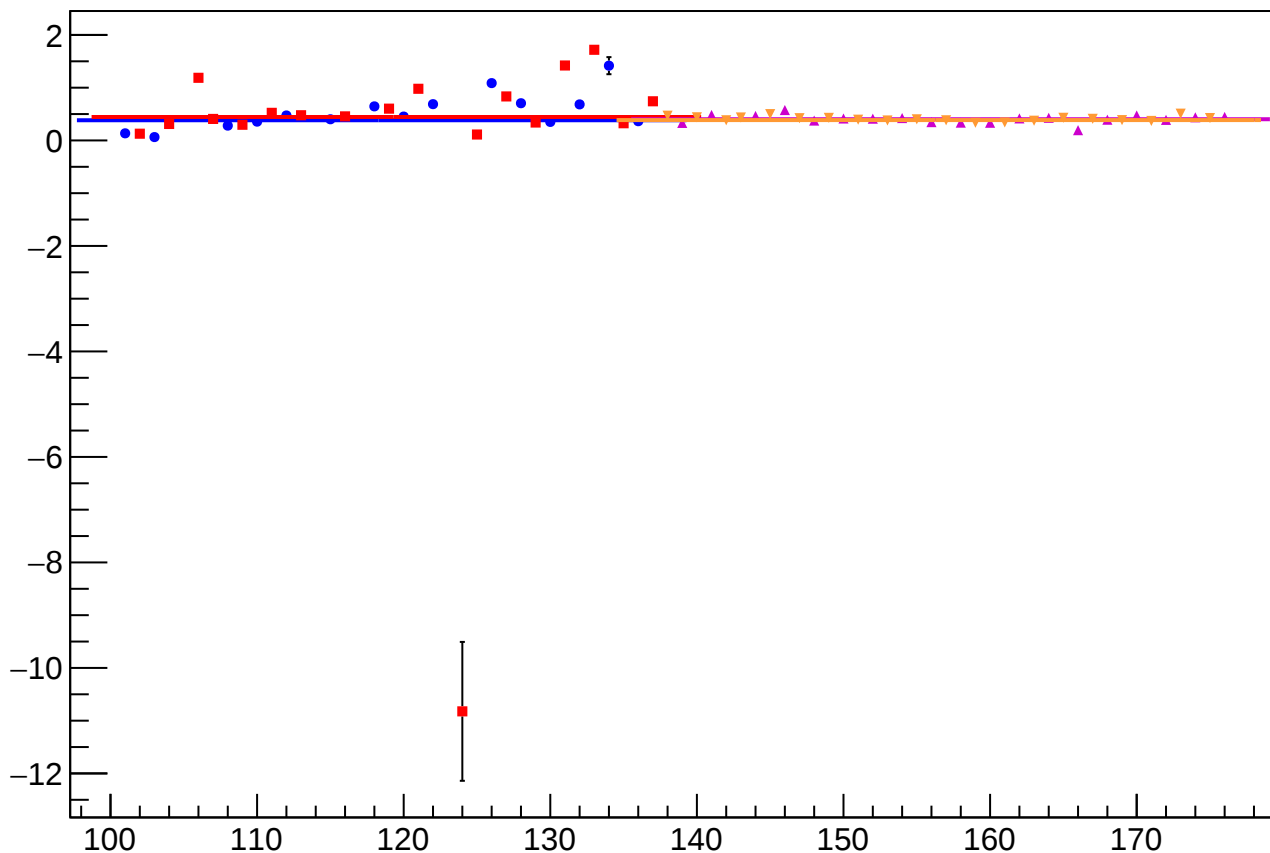
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.958 $\pm$ 0.013 χ^2 /NDF:1068023.4/33

Out: -69.505 $\pm$ 0.013 χ^2 /NDF:934434.1/37

All: -69.738 $\pm$ 0.009 χ^2 /NDF: 2003048.7/71

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.386 $\pm$ 0.000 χ^2 /NDF:9163.8/19

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.402 $\pm$ 0.000 χ^2 /NDF:8383.0/18

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 18114.8/38

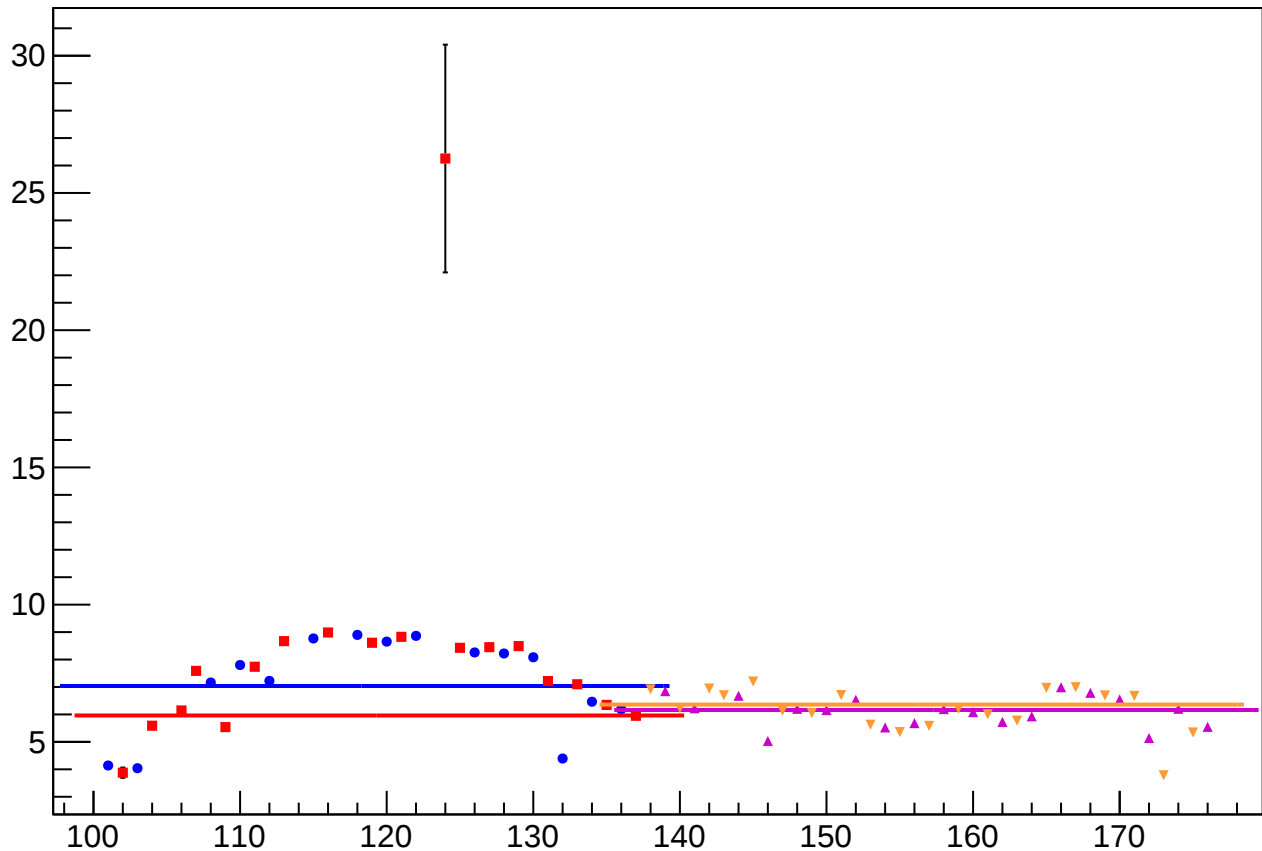
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.401 $\pm$ 0.000 χ^2 /NDF:16656.7/33

Out: 0.387 $\pm$ 0.000 χ^2 /NDF:12199.0/37

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 29298.2/71

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.359+/-0.002 χ^2/NDF : 73263.7/19

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.162+/-0.002 χ^2/NDF : 47007.7/18

Left: 6.254+/-0.001 χ^2/NDF : 127923.4/38

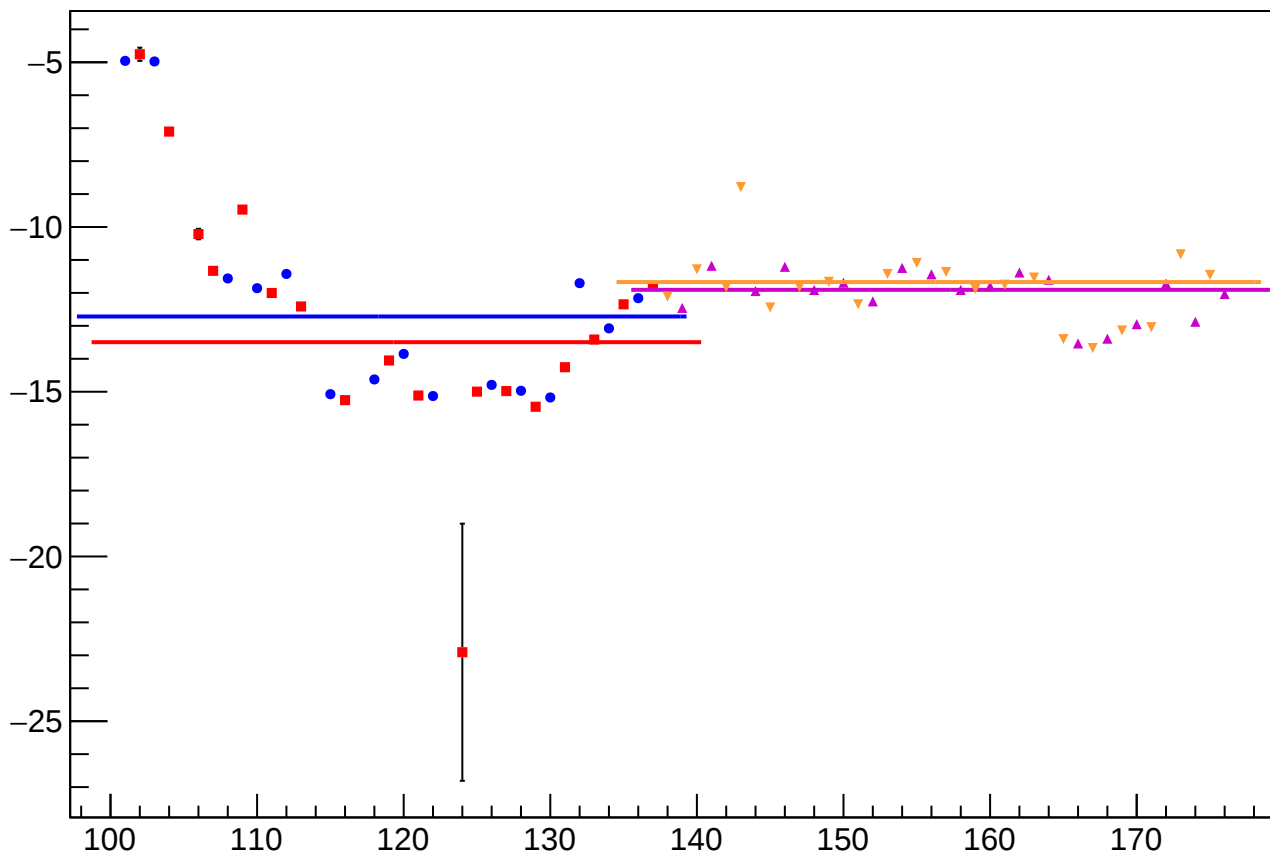
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.253+/-0.001 χ^2/NDF : 150403.4/33

Out: 5.985+/-0.000 χ^2/NDF : 296696.8/37

All: 6.003+/-0.000 χ^2/NDF : 478402.8/71

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.671 ± 0.002 $\chi^2/\text{NDF}: 334128.1/19$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.907 ± 0.002 $\chi^2/\text{NDF}: 63475.5/18$

Left: -11.793 ± 0.002 $\chi^2/\text{NDF}: 403369.8/38$

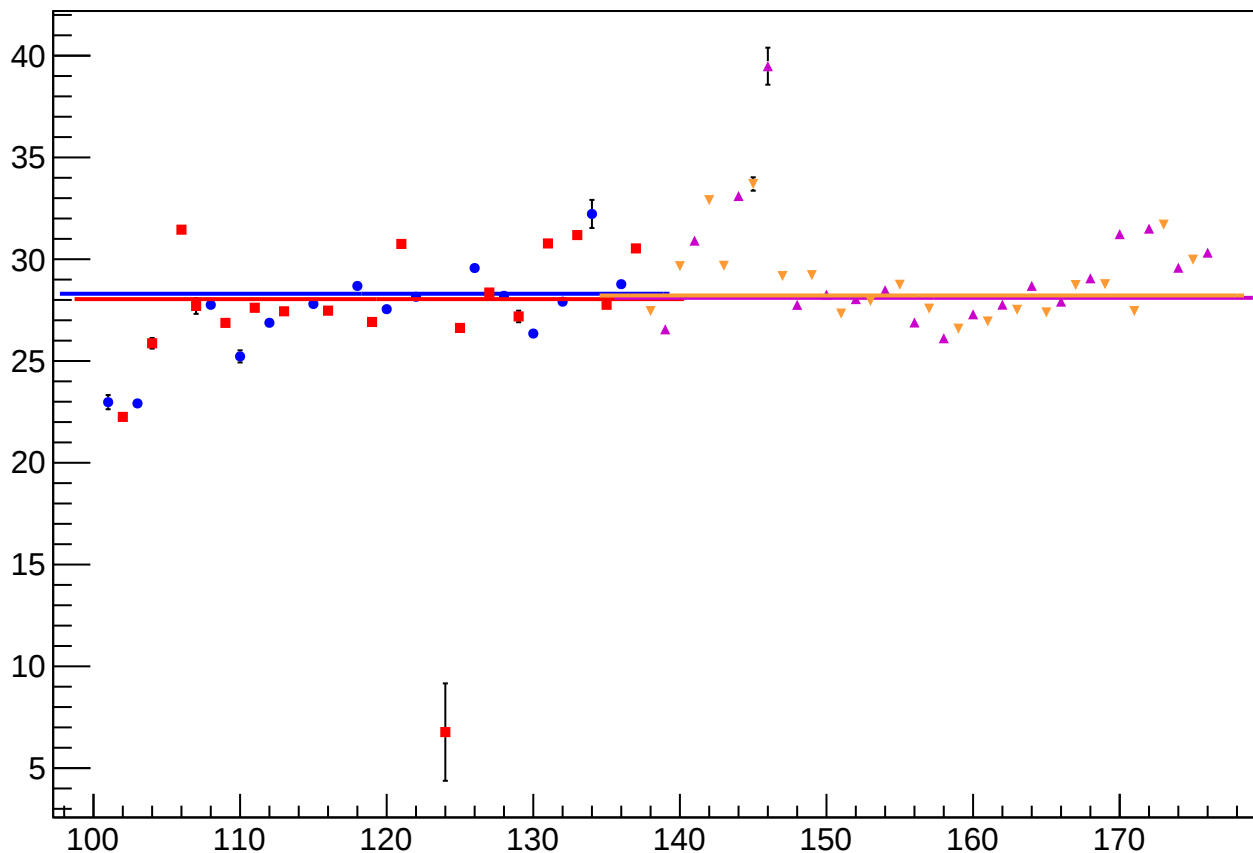
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.991 ± 0.002 $\chi^2/\text{NDF}: 163097.7/33$

Out: -11.905 ± 0.002 $\chi^2/\text{NDF}: 475837.0/37$

All: -11.949 ± 0.001 $\chi^2/\text{NDF}: 639788.5/71$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.219 $\pm$ 0.019 χ^2 /NDF: 5859.0/19

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.103 $\pm$ 0.015 χ^2 /NDF: 8583.7/18

Left: 28.150 $\pm$ 0.012 χ^2 /NDF: 14465.5/38

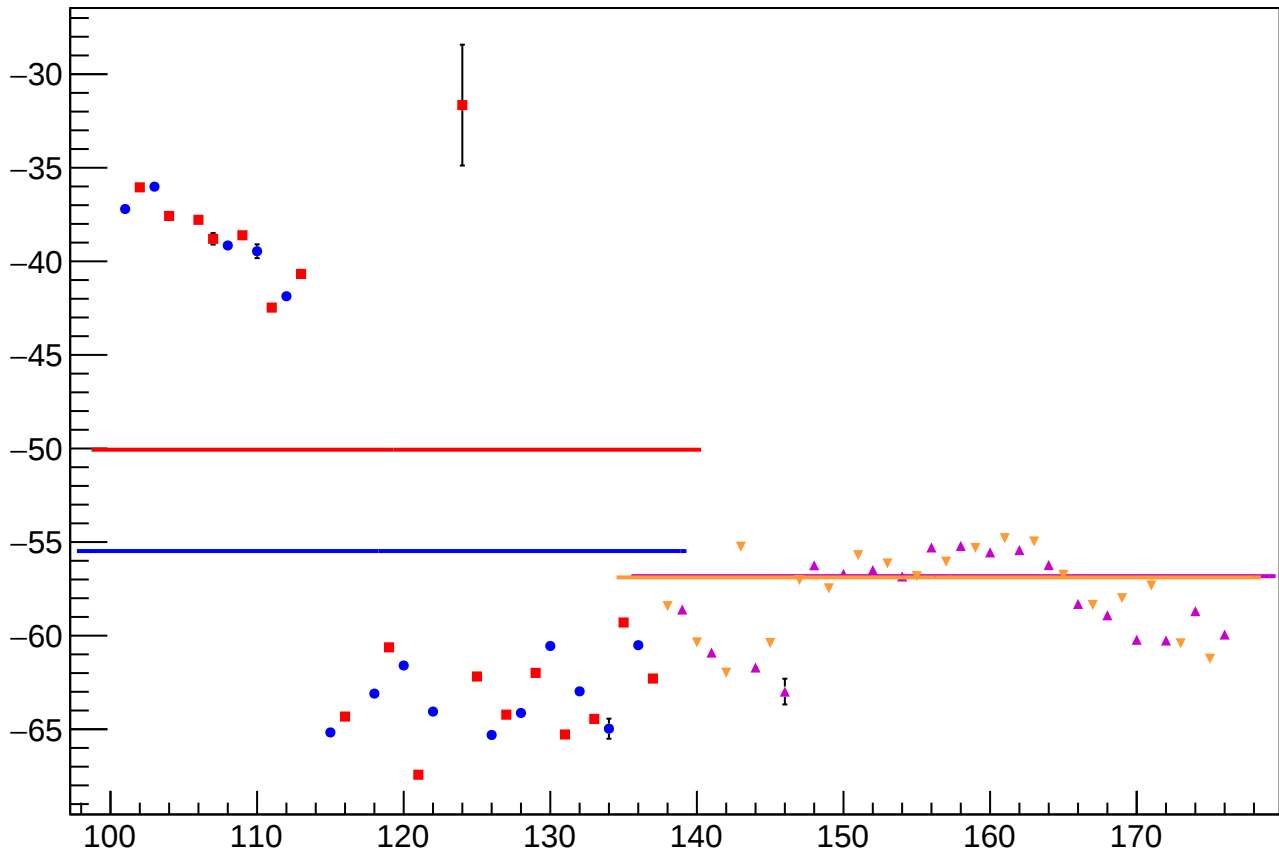
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.165 $\pm$ 0.013 χ^2 /NDF: 12036.1/33

Out: 28.169 $\pm$ 0.016 χ^2 /NDF: 8445.8/37

All: 28.167 $\pm$ 0.010 χ^2 /NDF: 20482.0/71

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.889 ± 0.016 $\chi^2/\text{NDF}: 15891.6/19$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.820 ± 0.013 $\chi^2/\text{NDF}: 14665.1/18$

Left: -56.849 ± 0.010 $\chi^2/\text{NDF}: 30568.0/38$

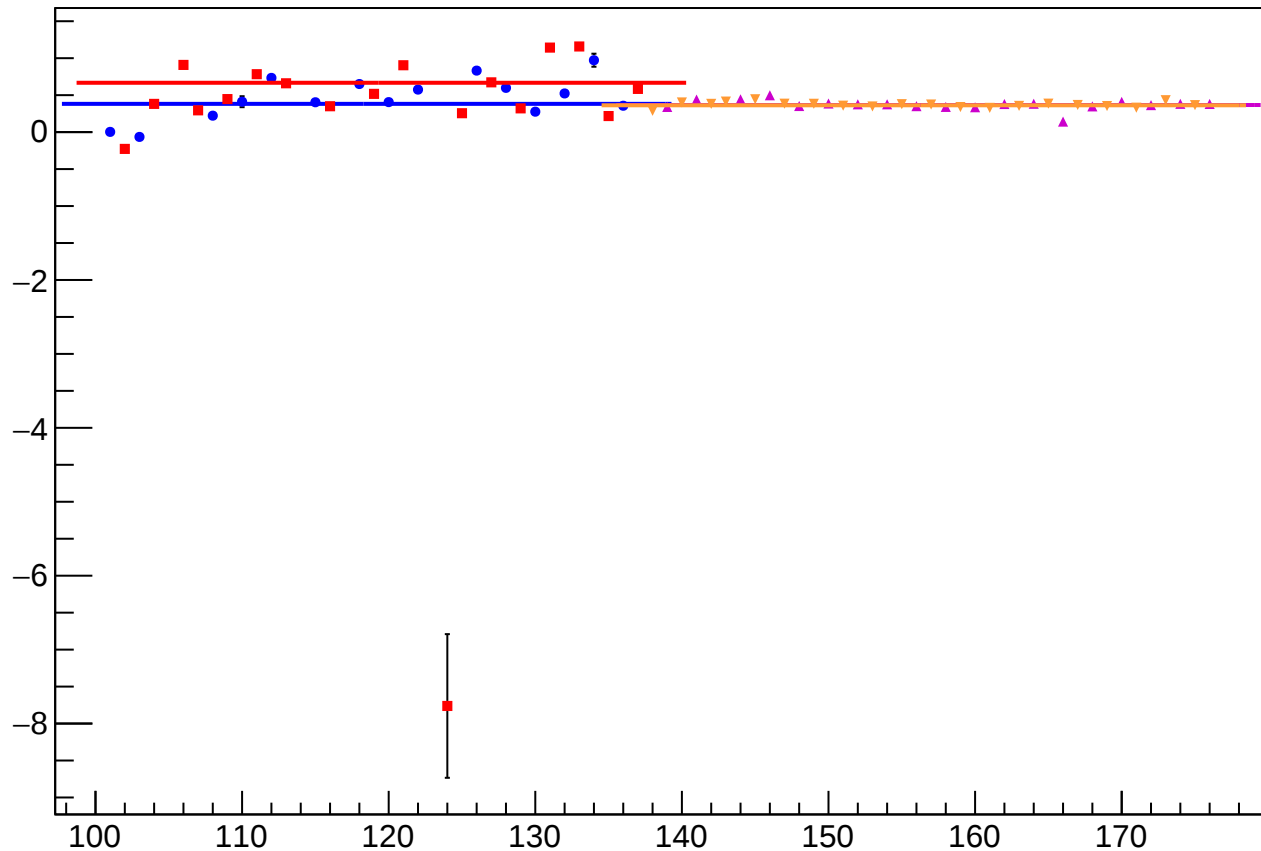
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.299 ± 0.010 $\chi^2/\text{NDF}: 613808.4/33$

Out: -54.763 ± 0.013 $\chi^2/\text{NDF}: 415936.7/37$

All: -55.700 ± 0.008 $\chi^2/\text{NDF}: 1038376.7/71$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.363 ± 0.000 χ^2/NDF : 7732.1/19

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.367 ± 0.000 χ^2/NDF : 5844.8/18

Left: 0.365 ± 0.000 χ^2/NDF : 13636.4/38

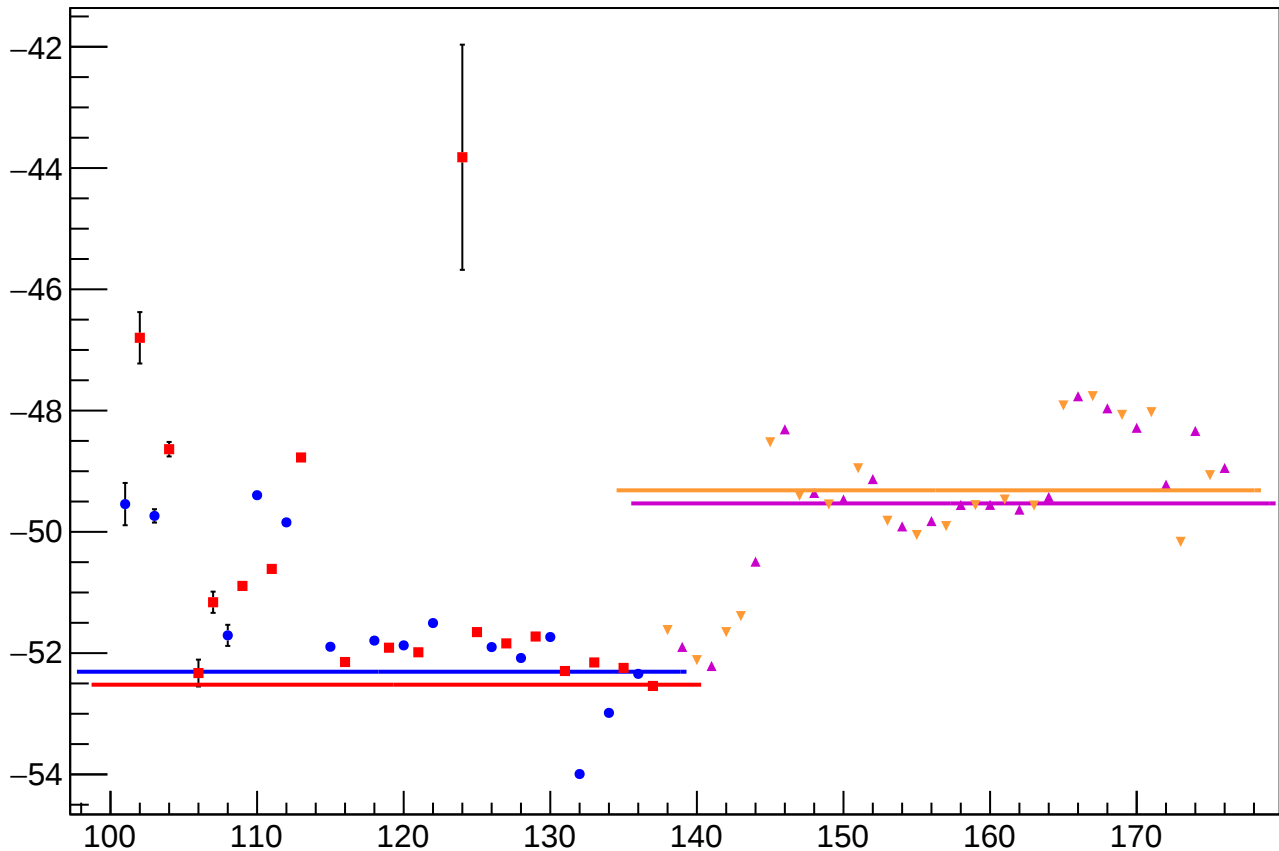
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.367 ± 0.000 χ^2/NDF : 10530.7/33

Out: 0.365 ± 0.000 χ^2/NDF : 15785.4/37

All: 0.366 ± 0.000 χ^2/NDF : 26347.5/71

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.315 $\pm$ 0.001 χ^2 /NDF: 501403.6/19

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.531 $\pm$ 0.001 χ^2 /NDF: 417058.2/18

Left: -49.423 $\pm$ 0.001 χ^2 /NDF: 929666.6/38

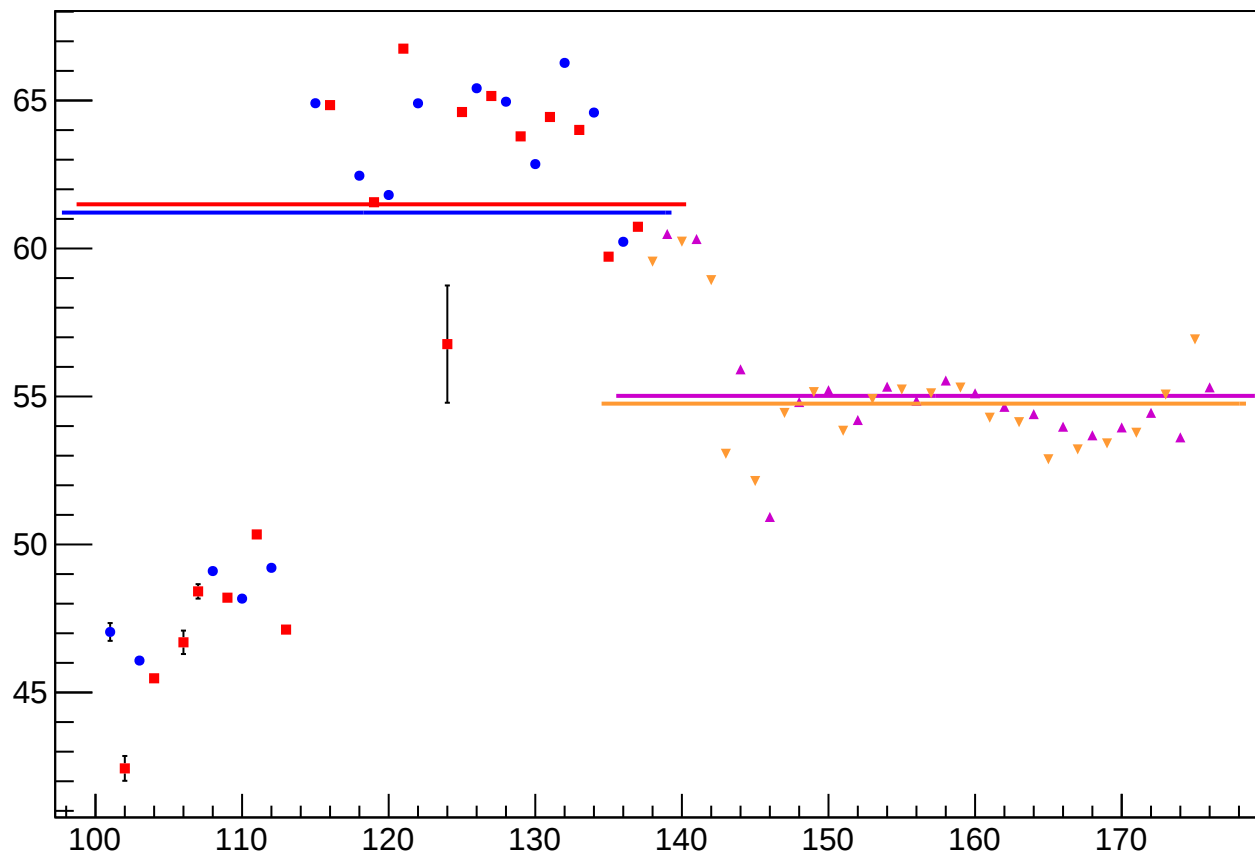
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.868 $\pm$ 0.001 χ^2 /NDF: 891990.5/33

Out: -51.336 $\pm$ 0.001 χ^2 /NDF: 3636945.2/37

All: -50.902 $\pm$ 0.001 χ^2 /NDF: 5359103.9/71

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.758 $\pm$ 0.003 χ^2 /NDF: 249006.0/19

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.021 $\pm$ 0.003 χ^2 /NDF: 81493.6/18

Left: 54.903 $\pm$ 0.002 χ^2 /NDF: 334203.4/38

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.503 $\pm$ 0.003 χ^2 /NDF: 596842.6/33

Out: 56.006 $\pm$ 0.003 χ^2 /NDF: 1311481.6/37

All: 55.744 $\pm$ 0.002 χ^2 /NDF: 1924071.3/71

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

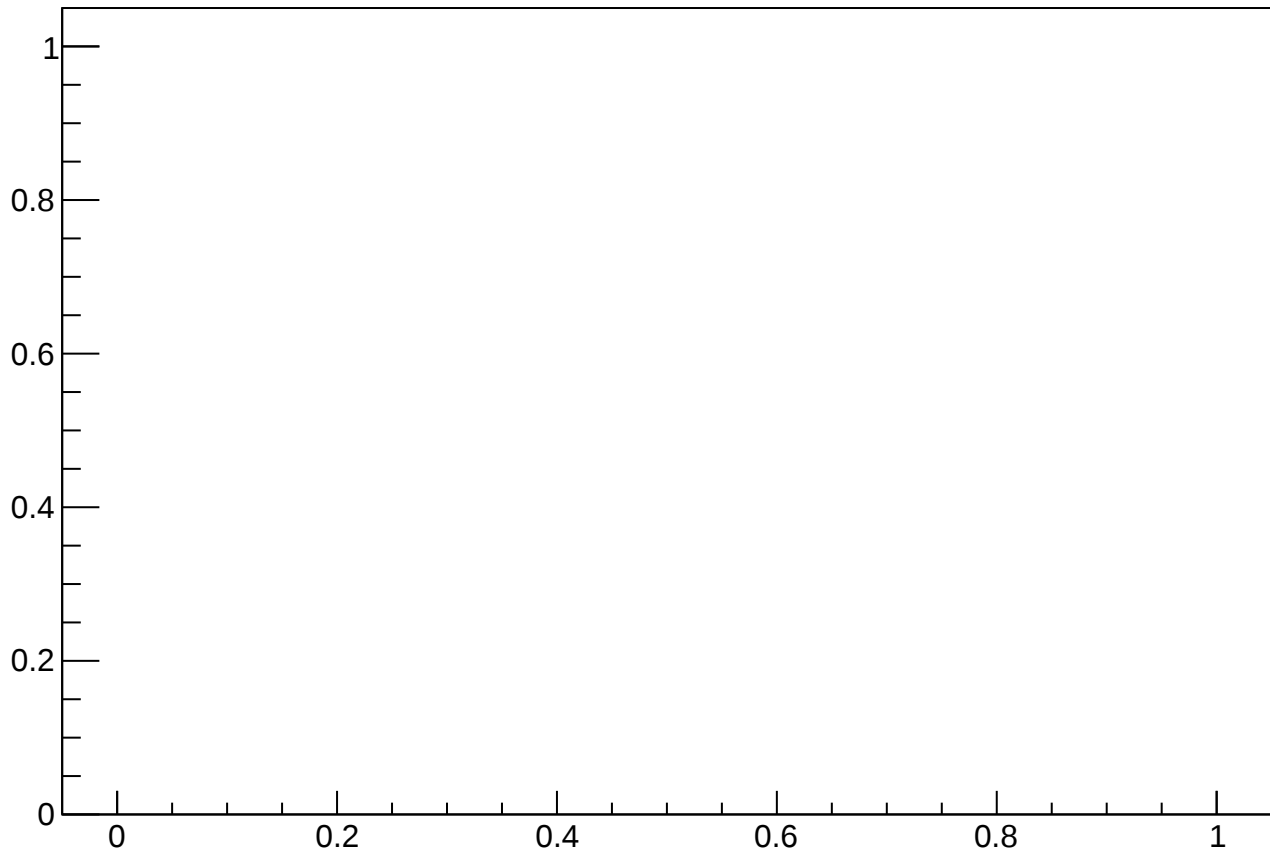
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

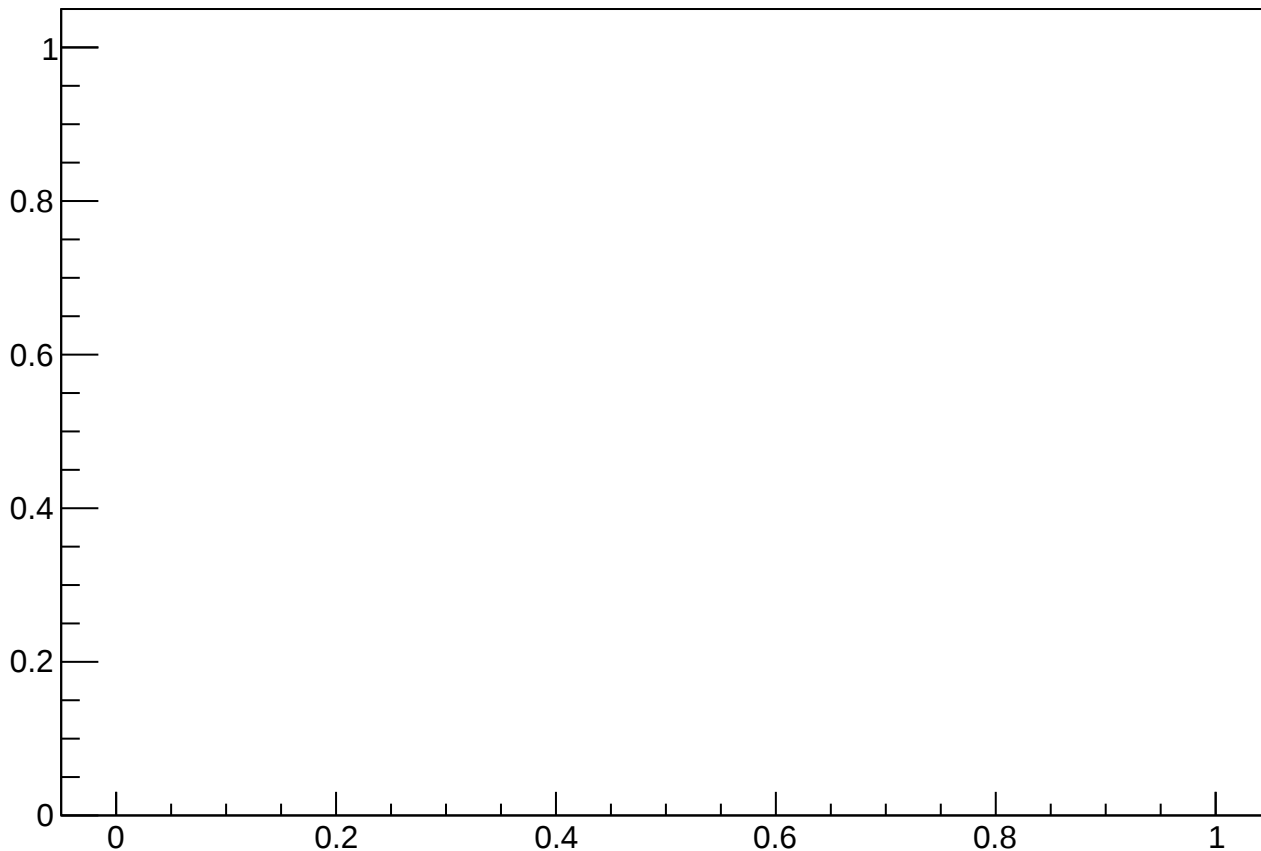
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

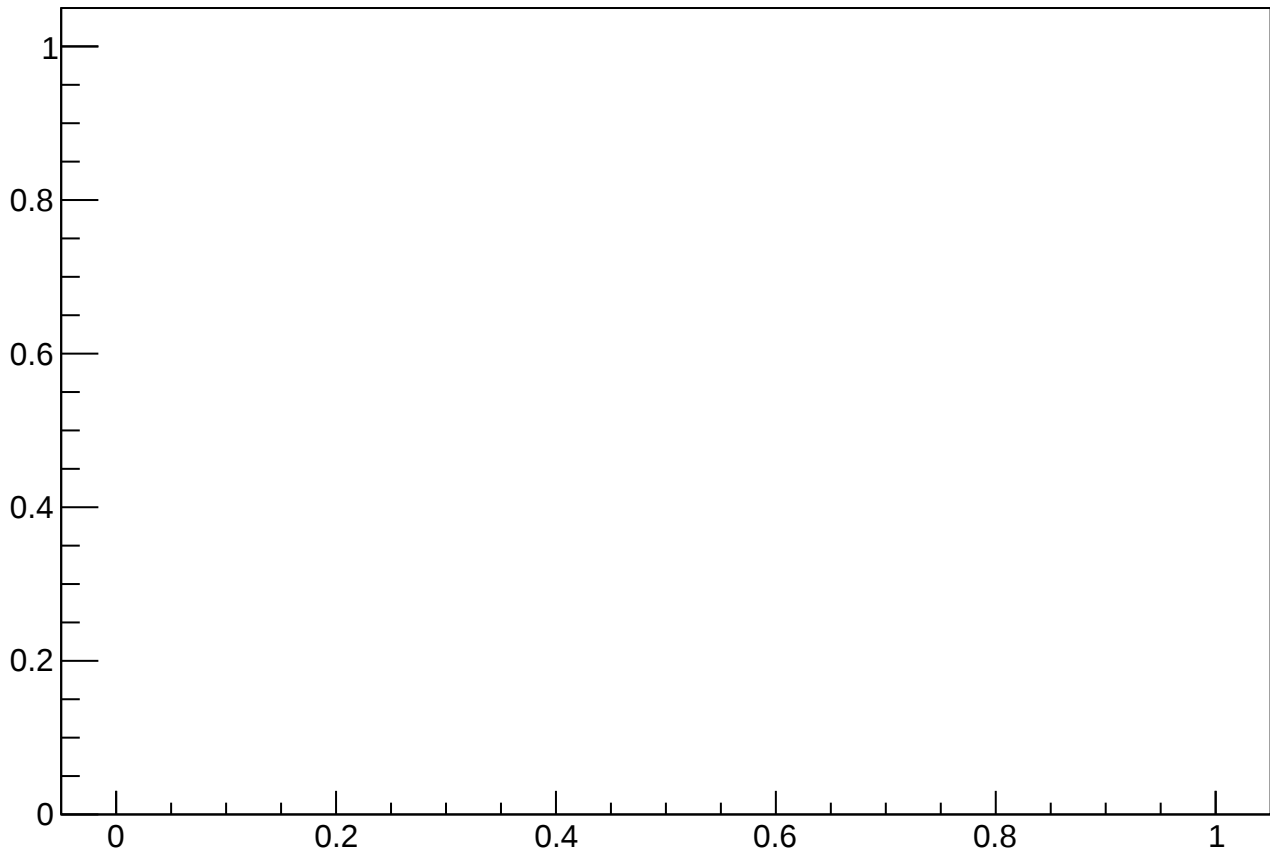
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

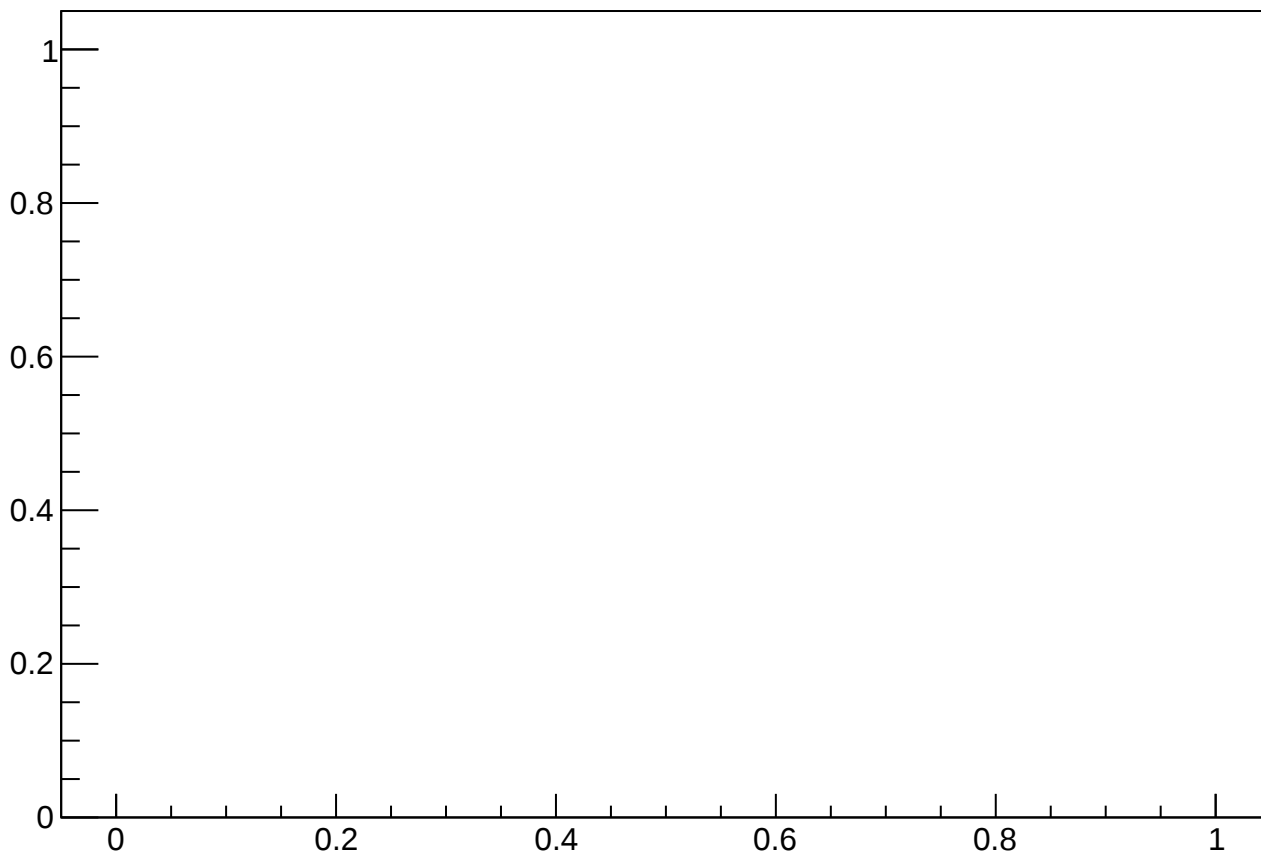
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

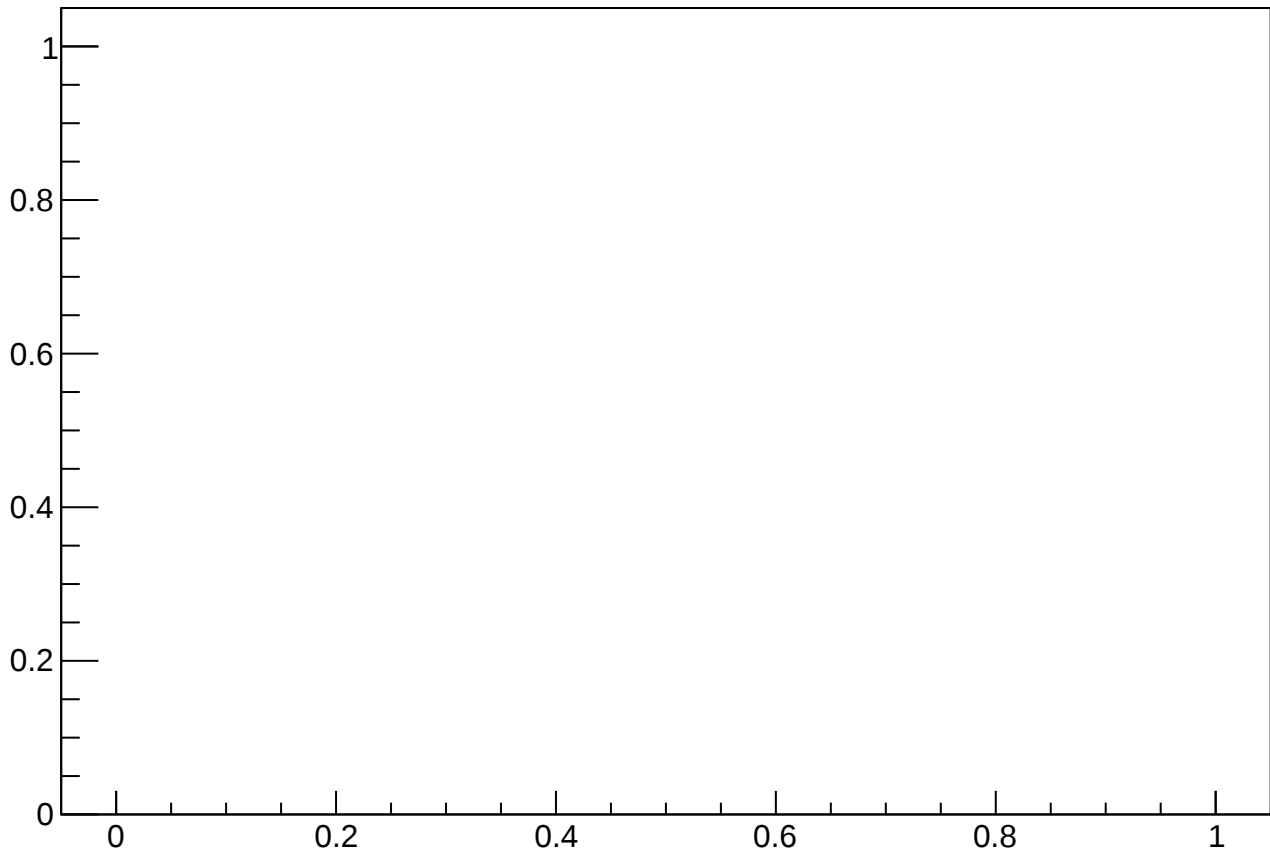
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

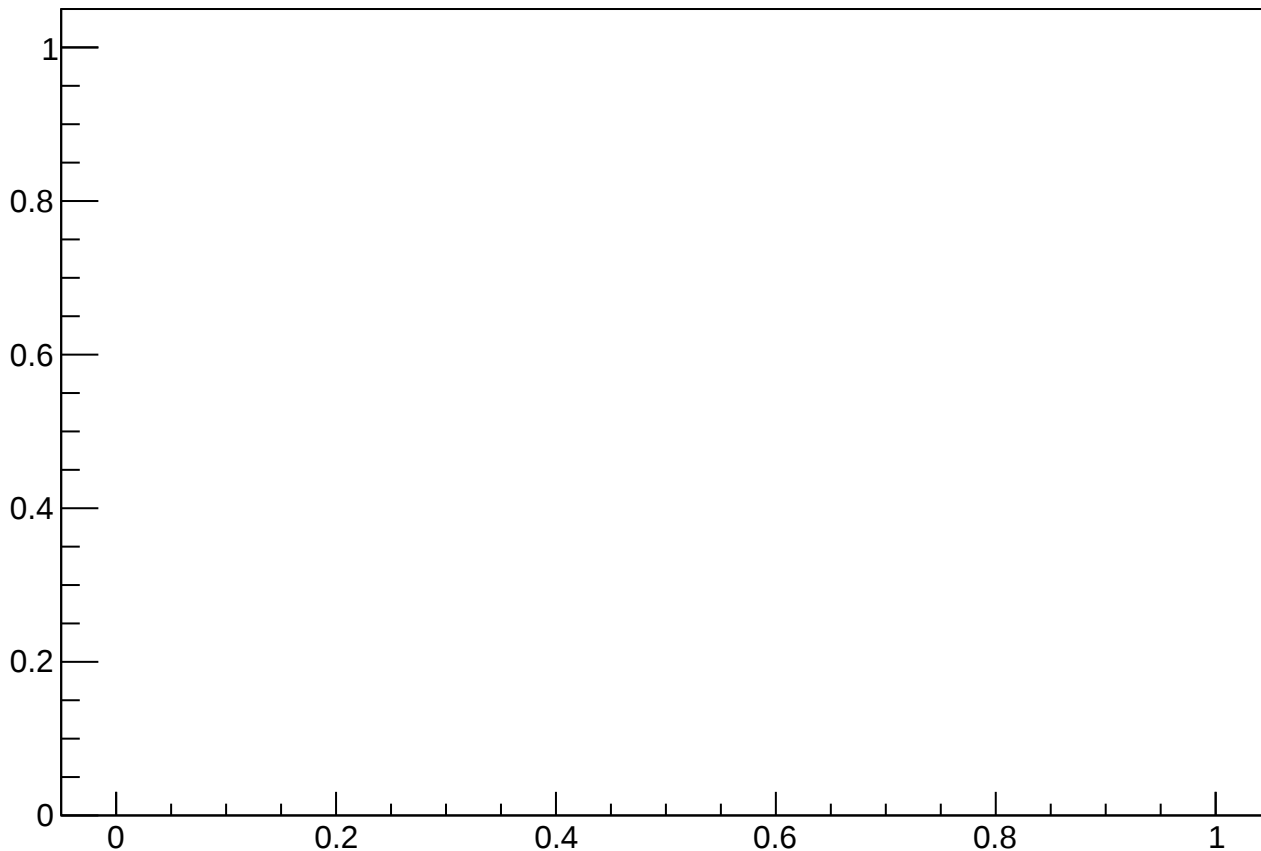
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

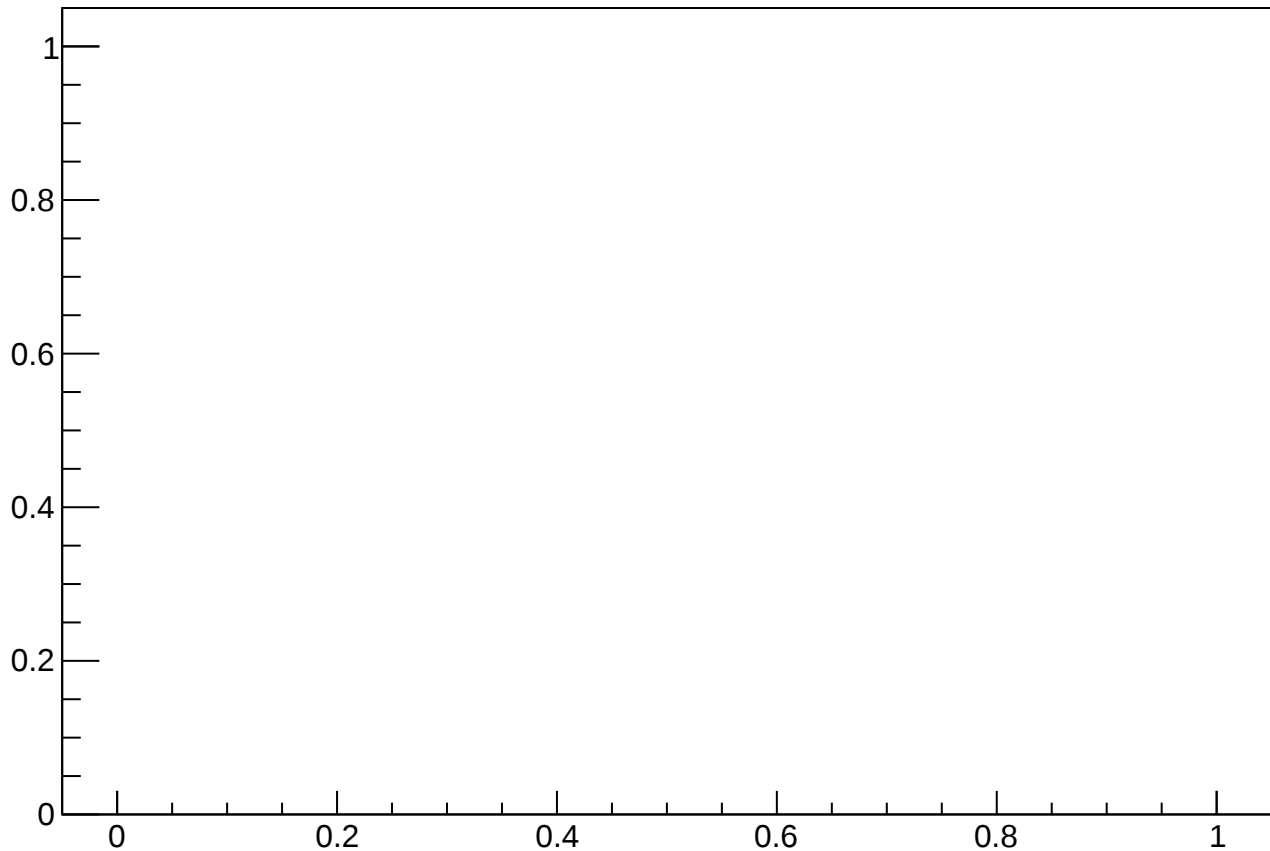
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

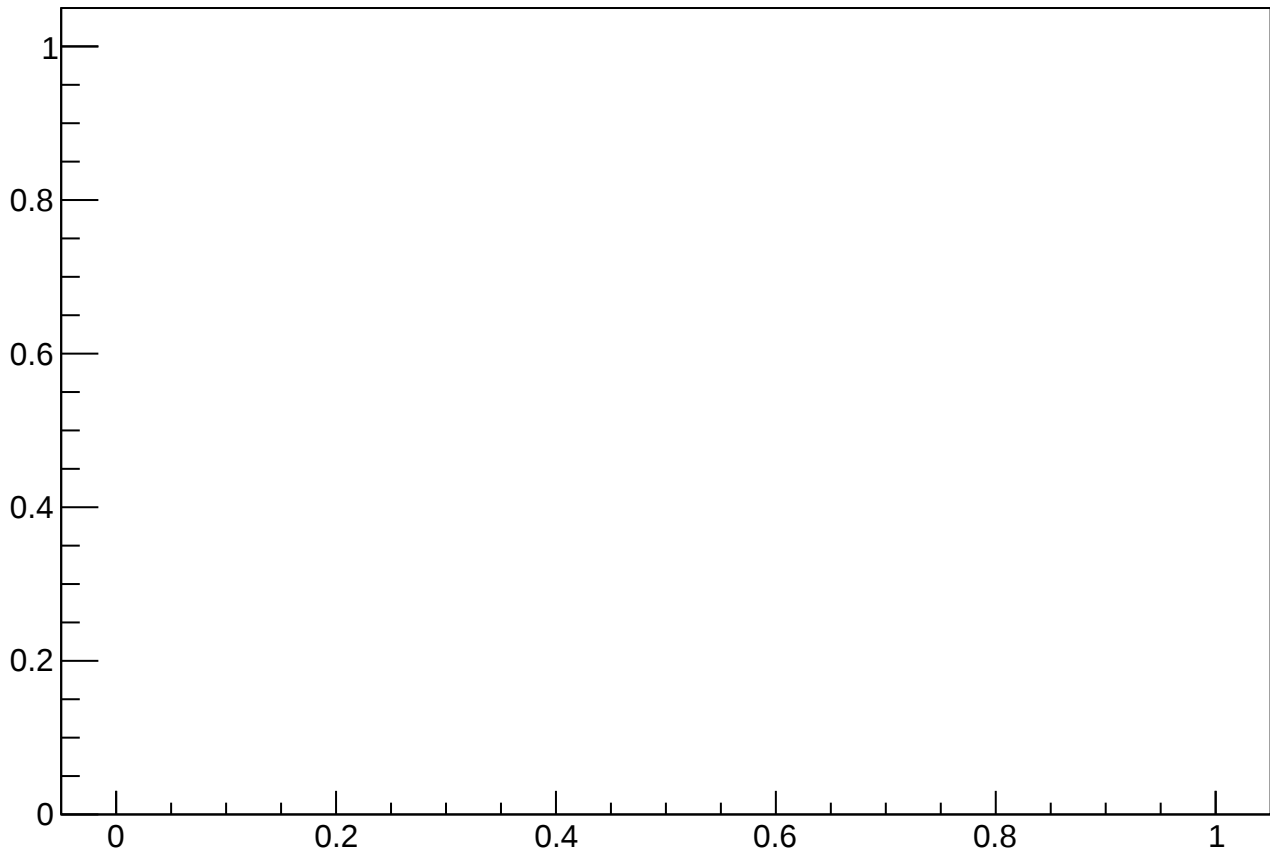
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

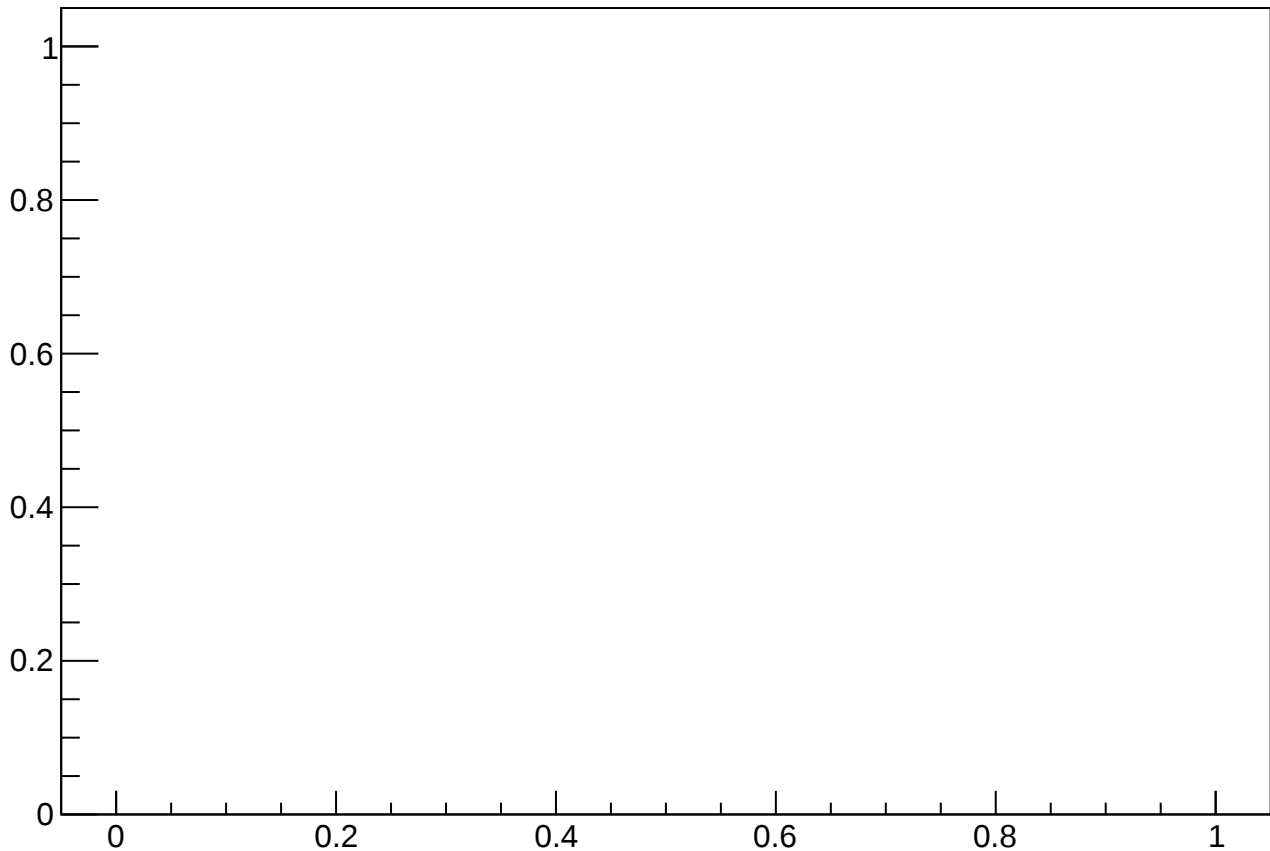
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

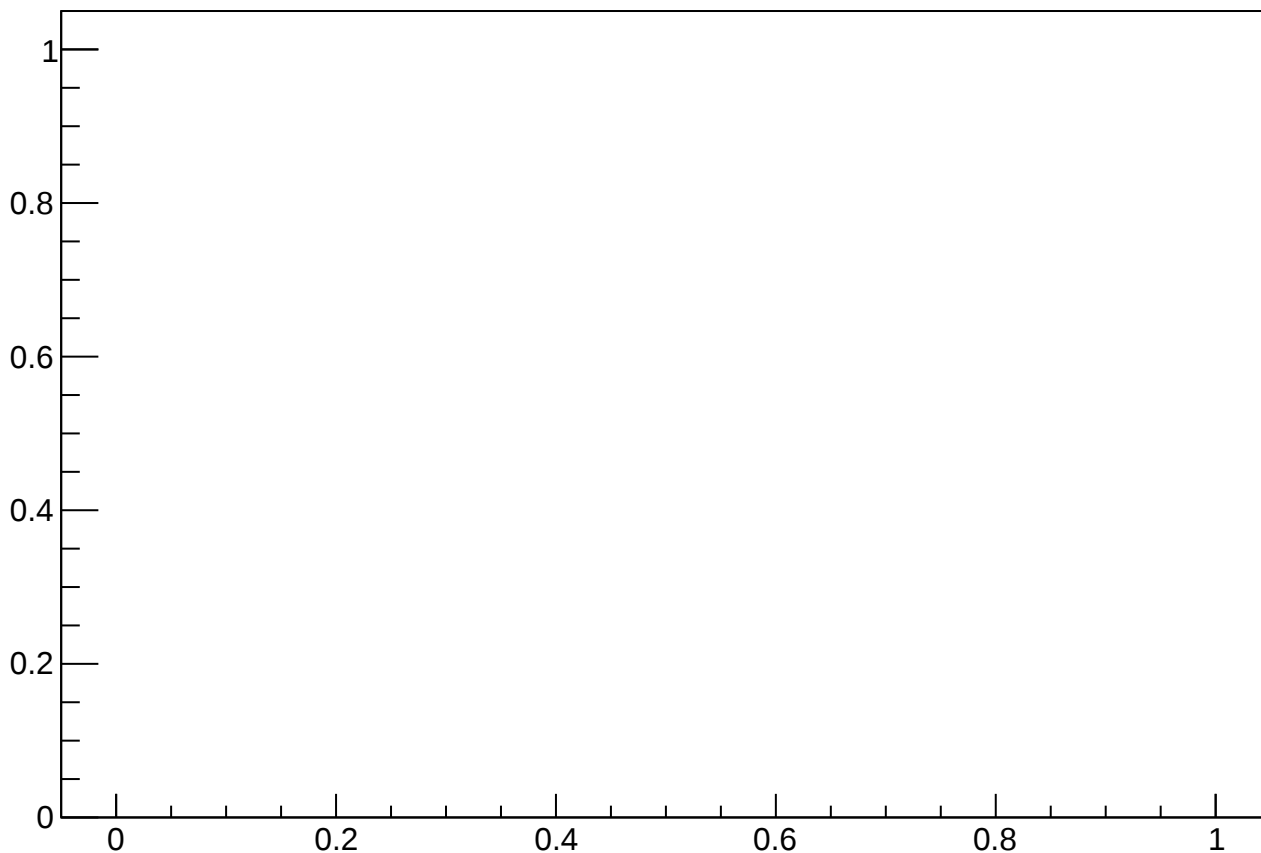
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

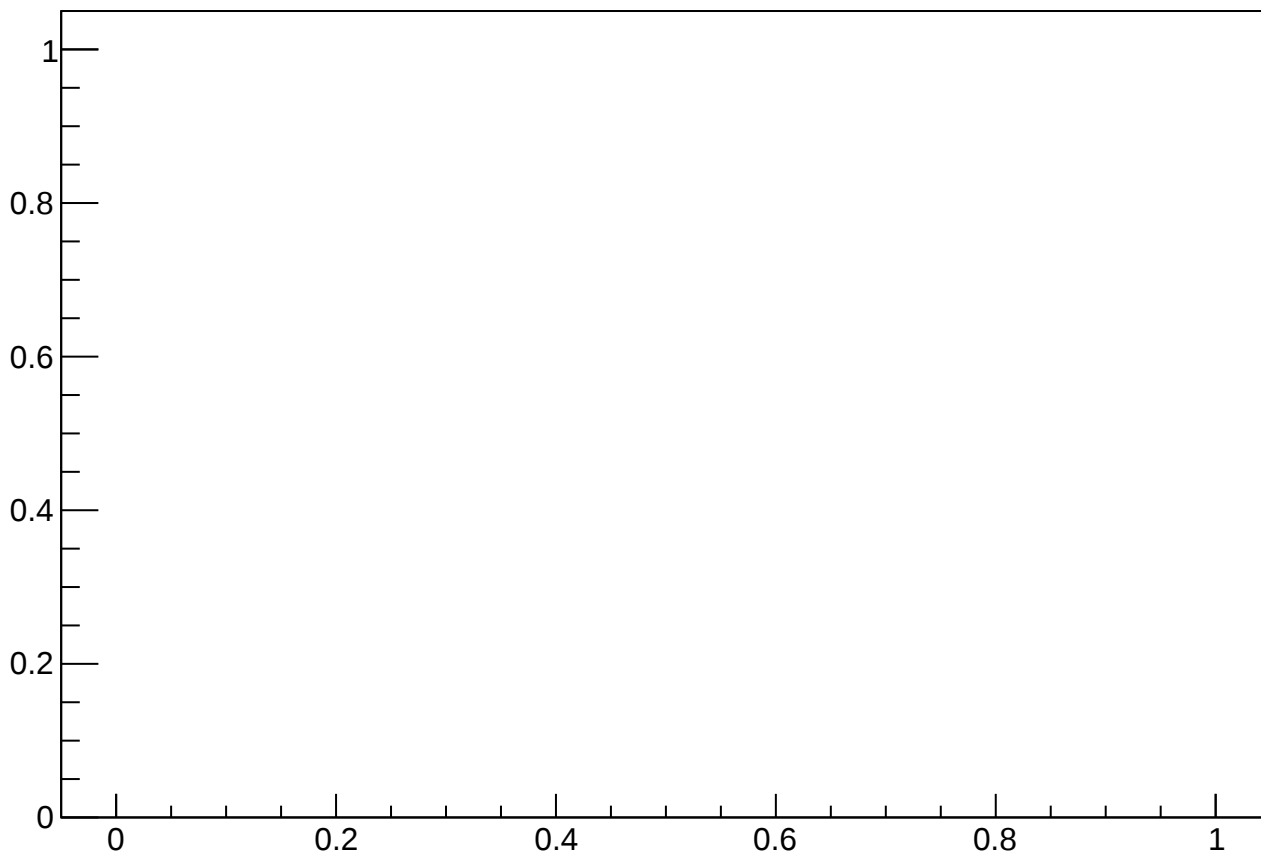
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

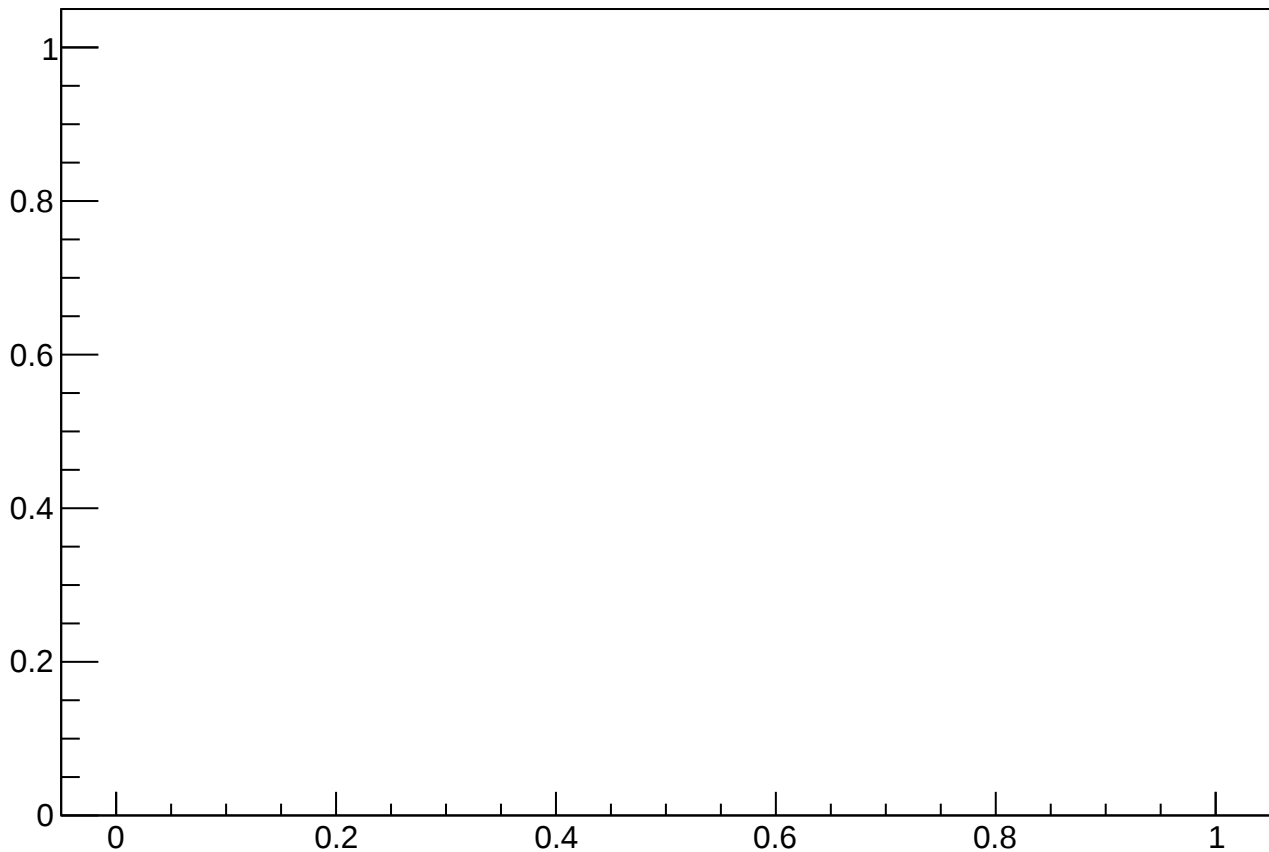
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

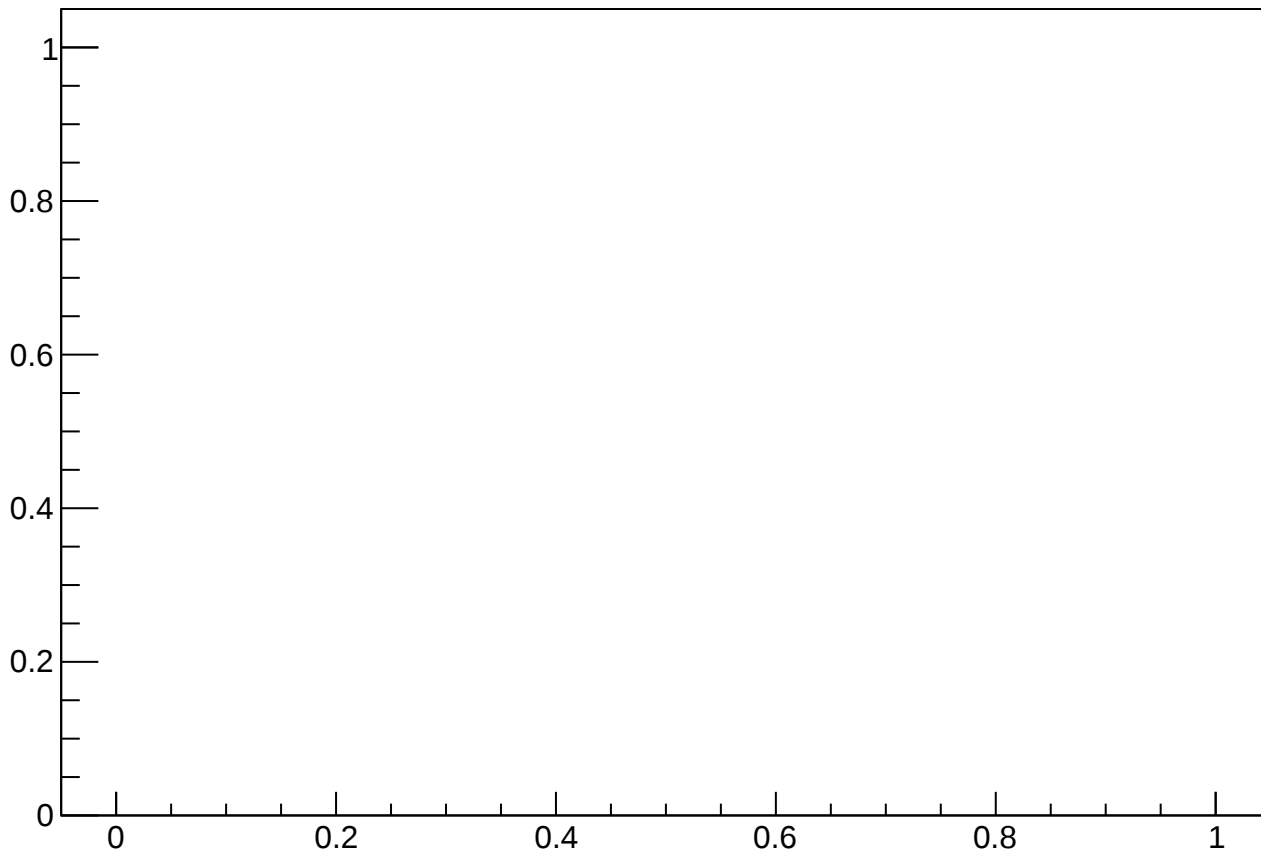
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

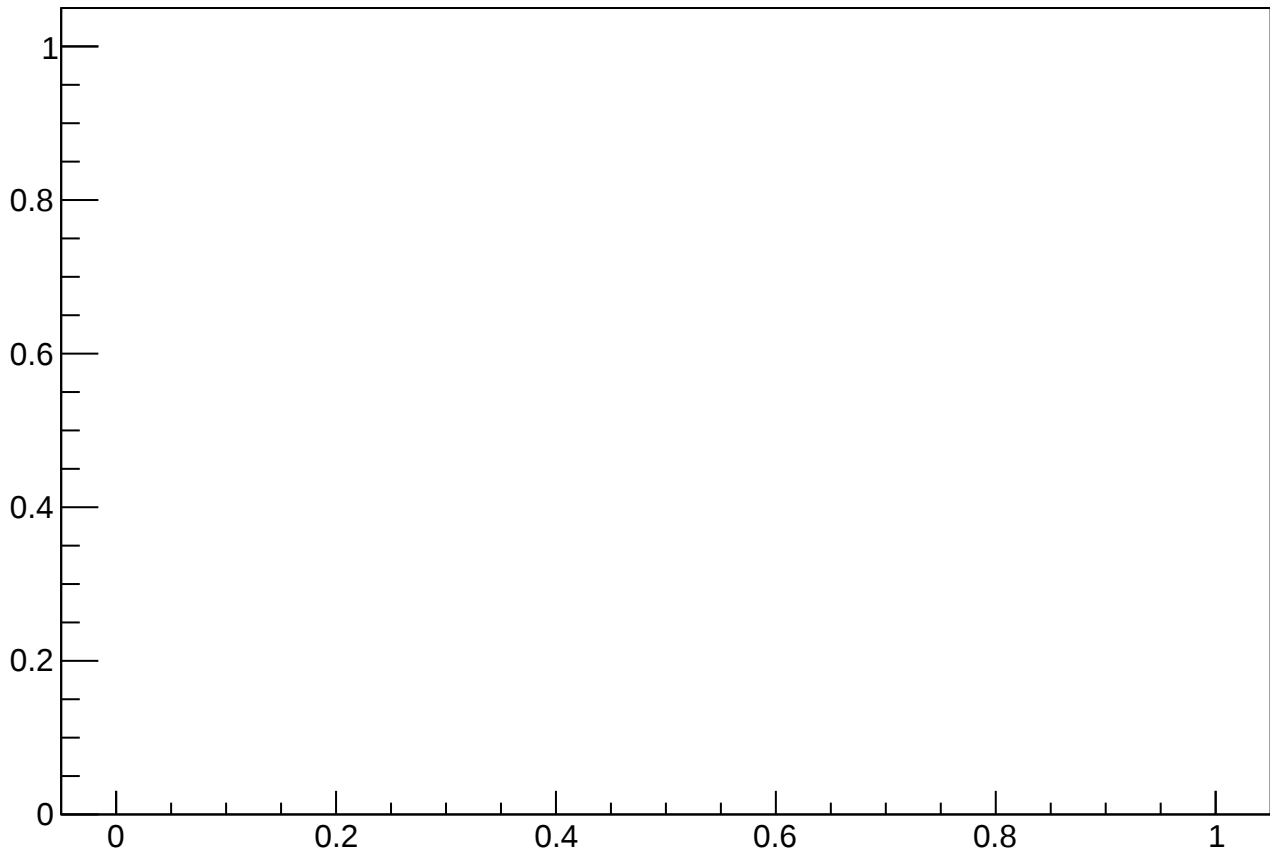
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

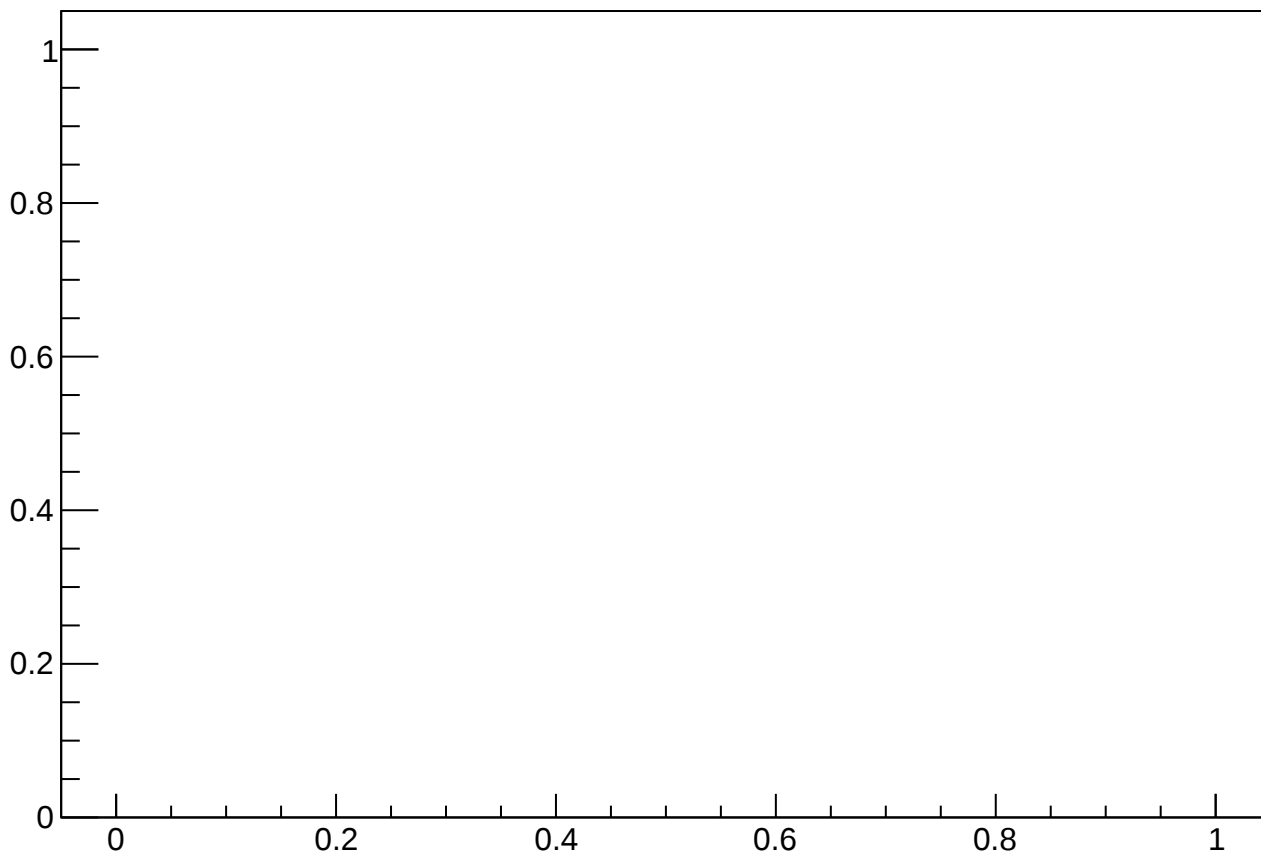
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

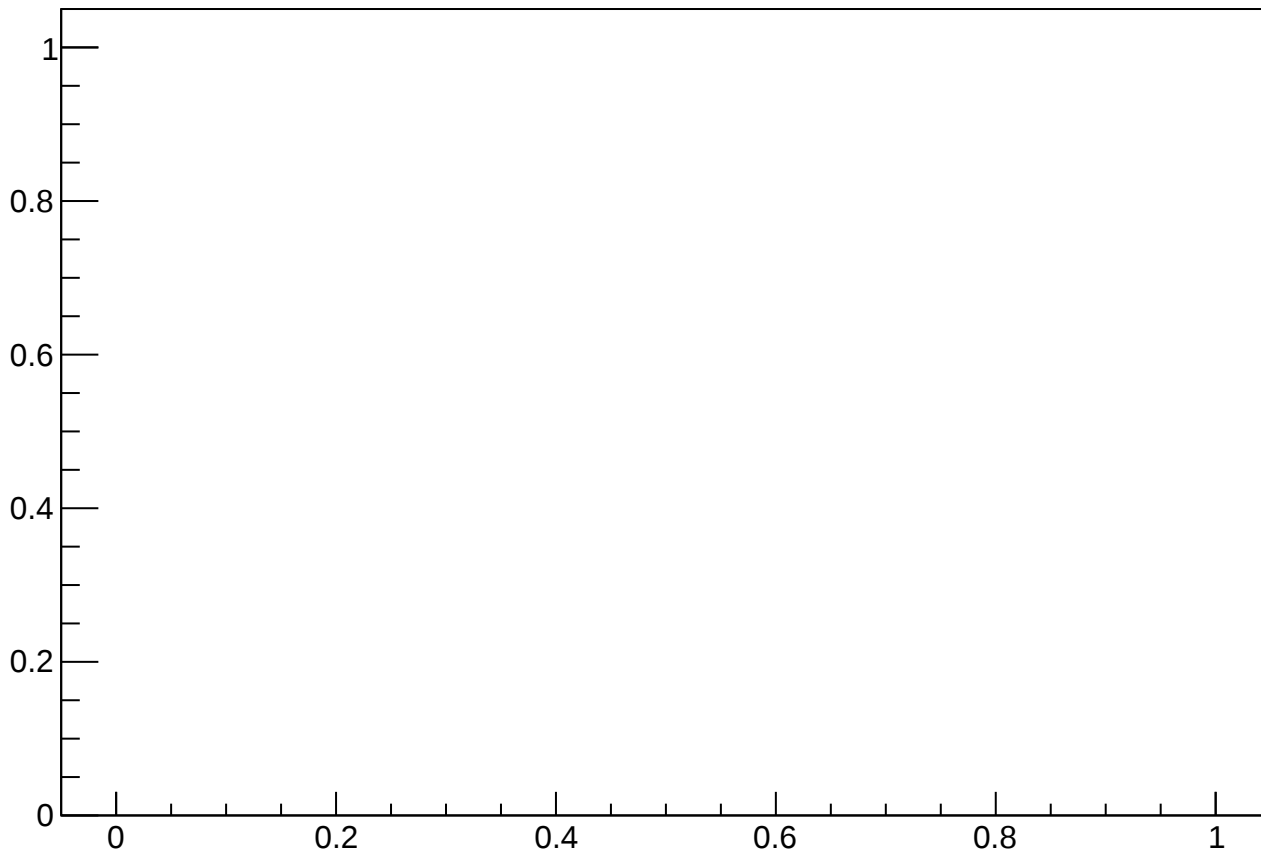
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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 $\pm$ 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_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

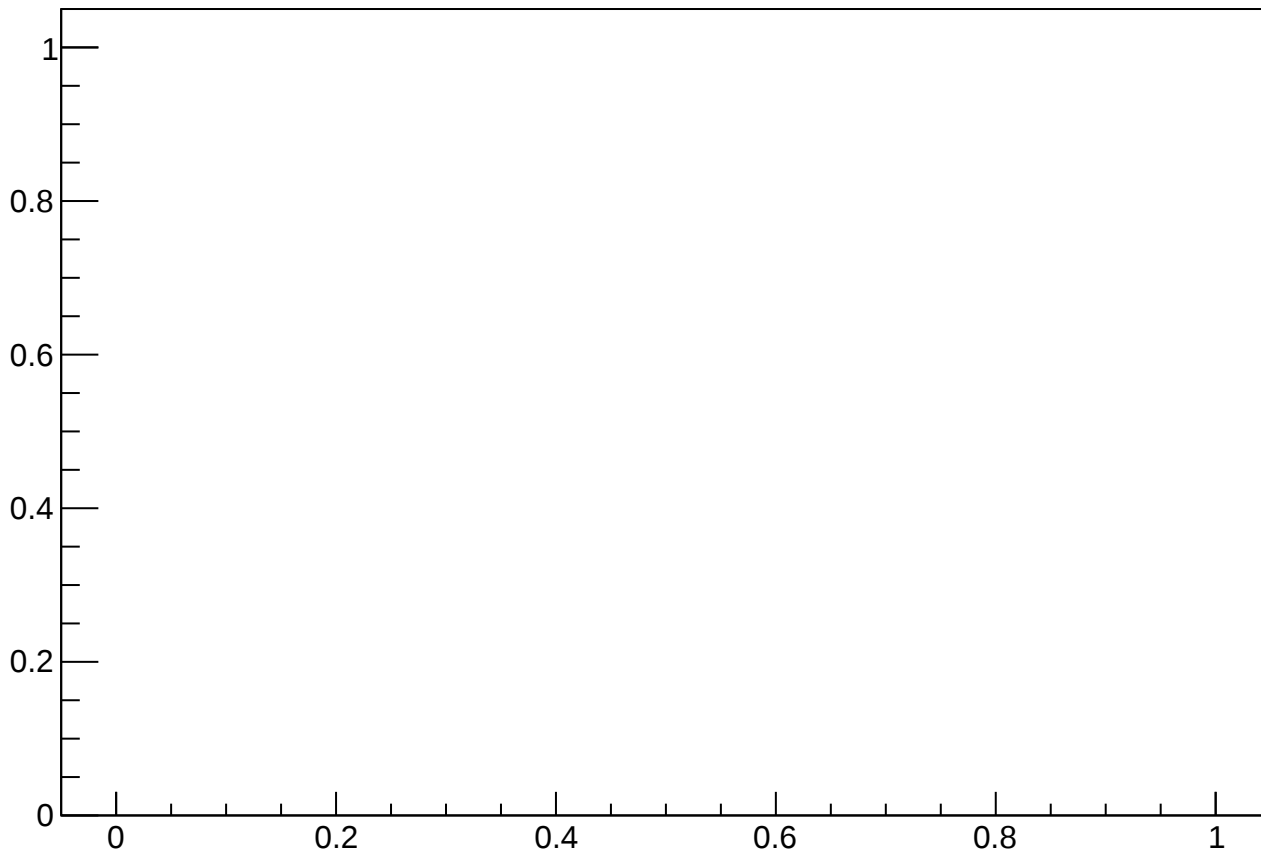
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

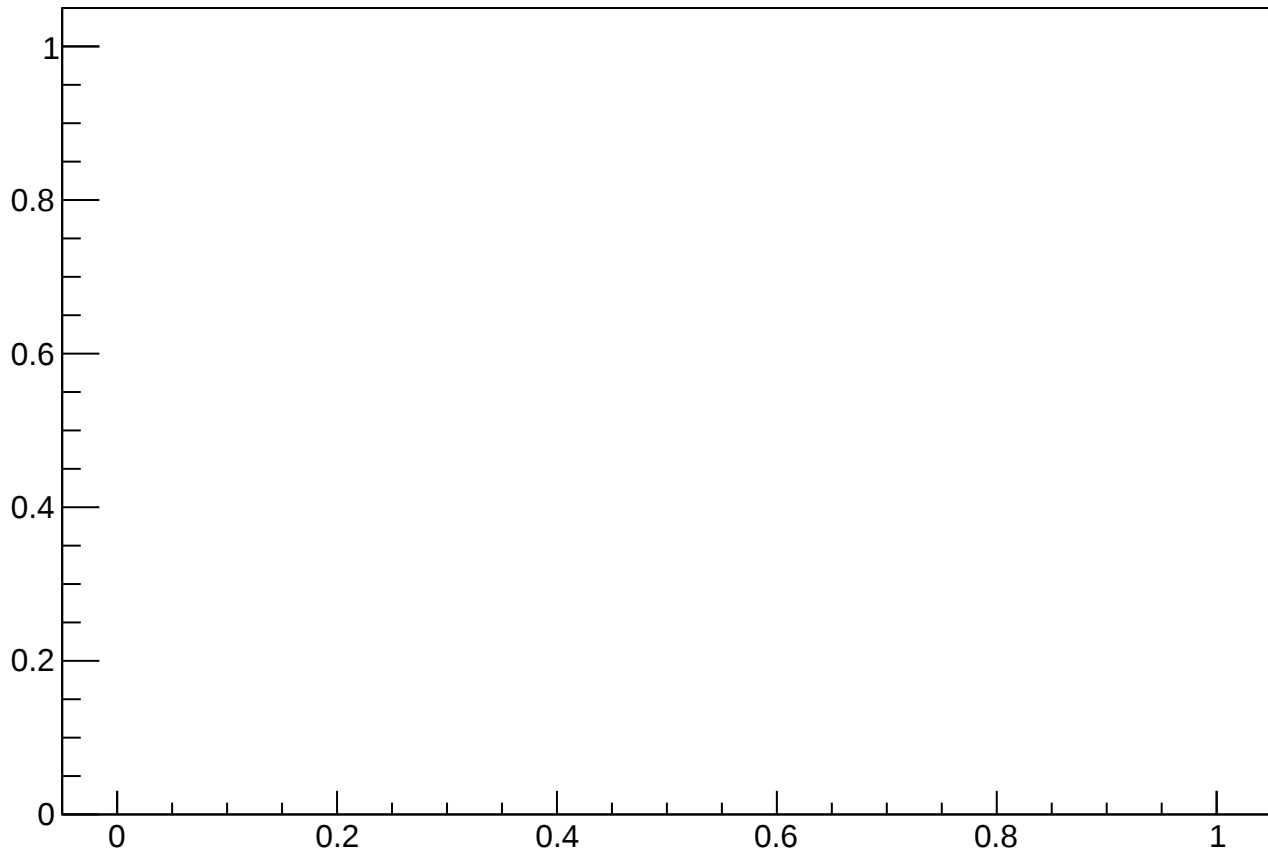
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

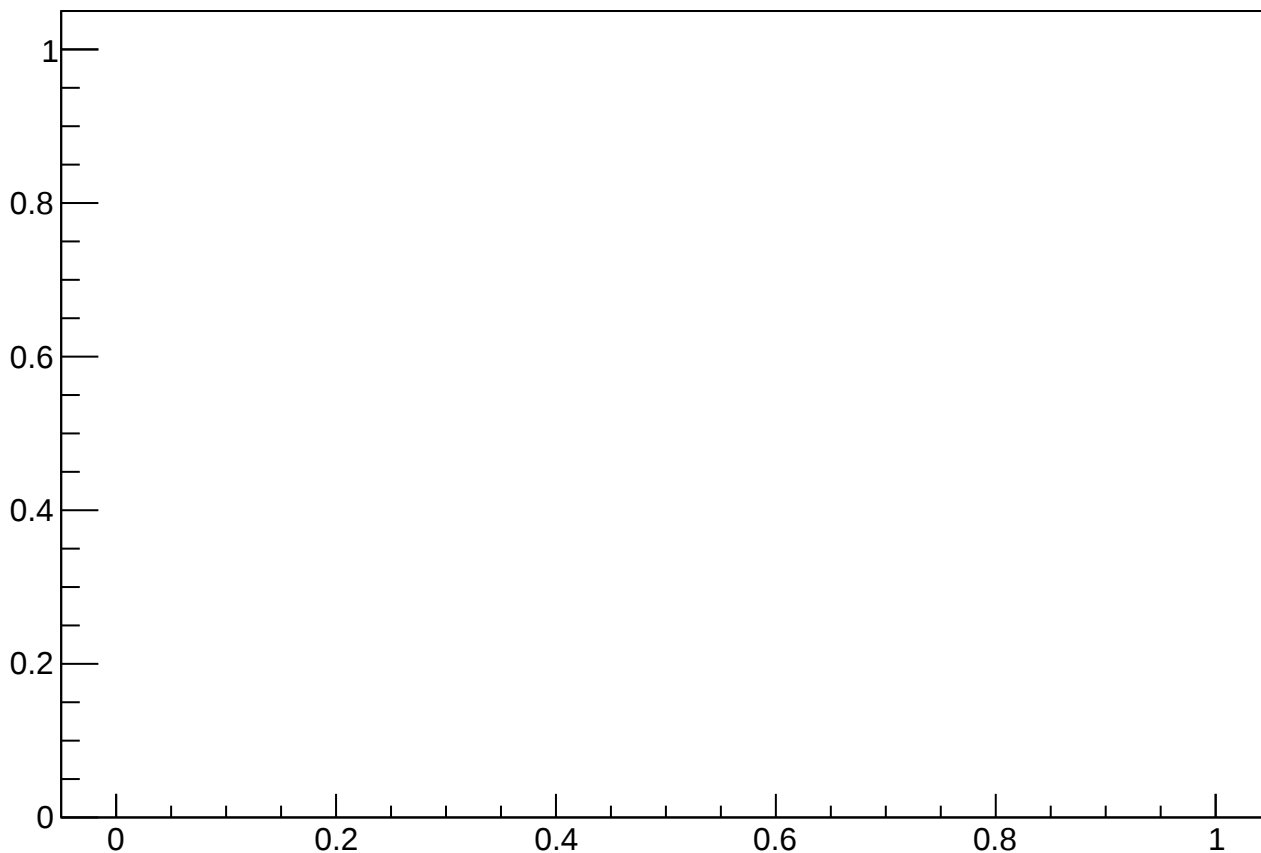
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

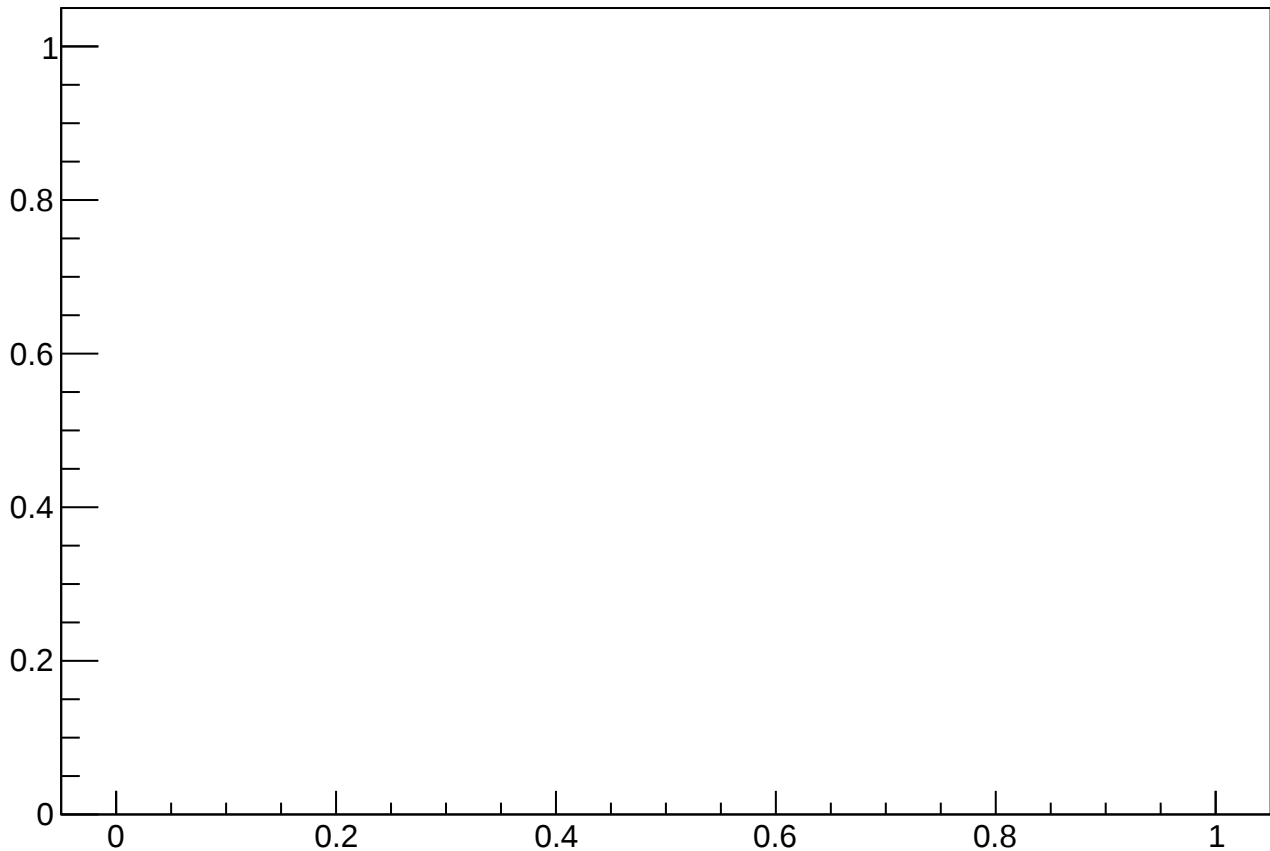
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

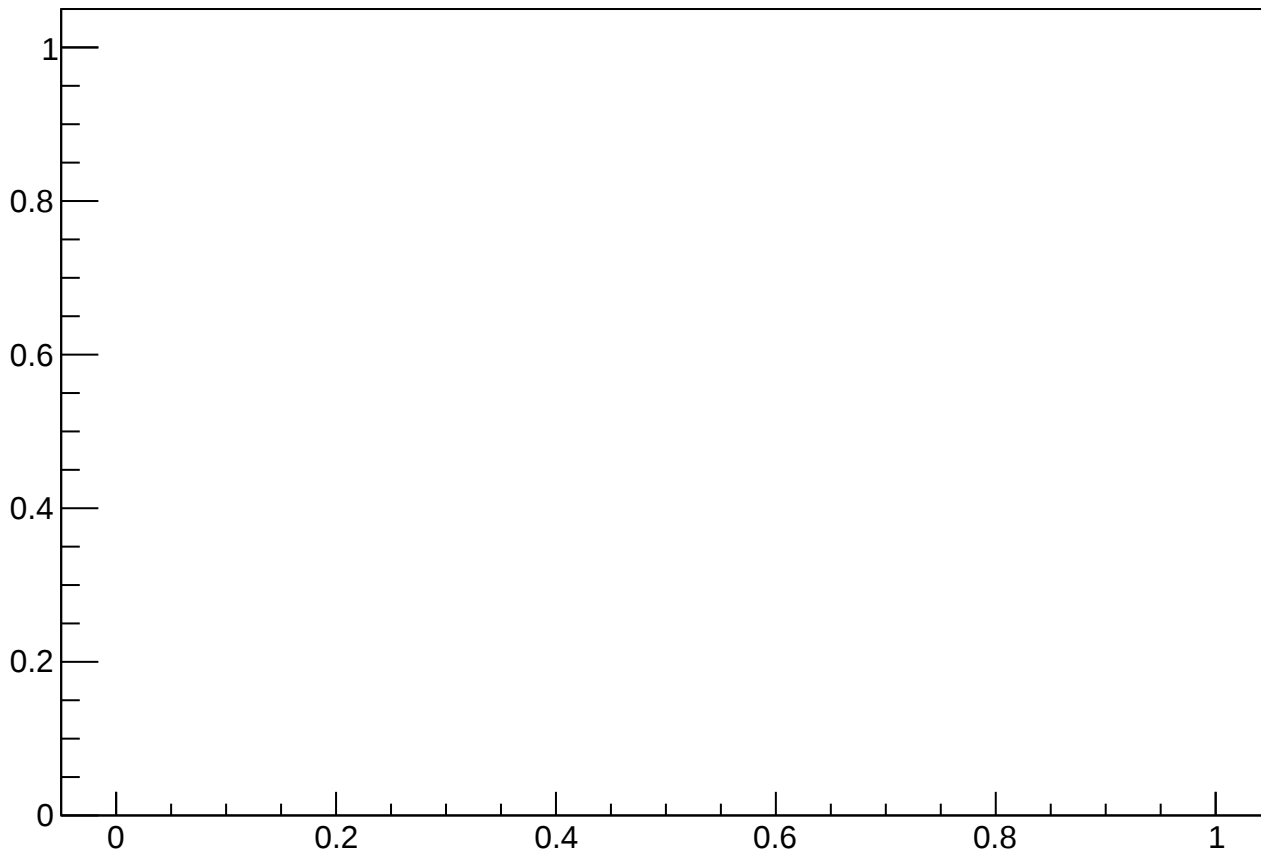
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

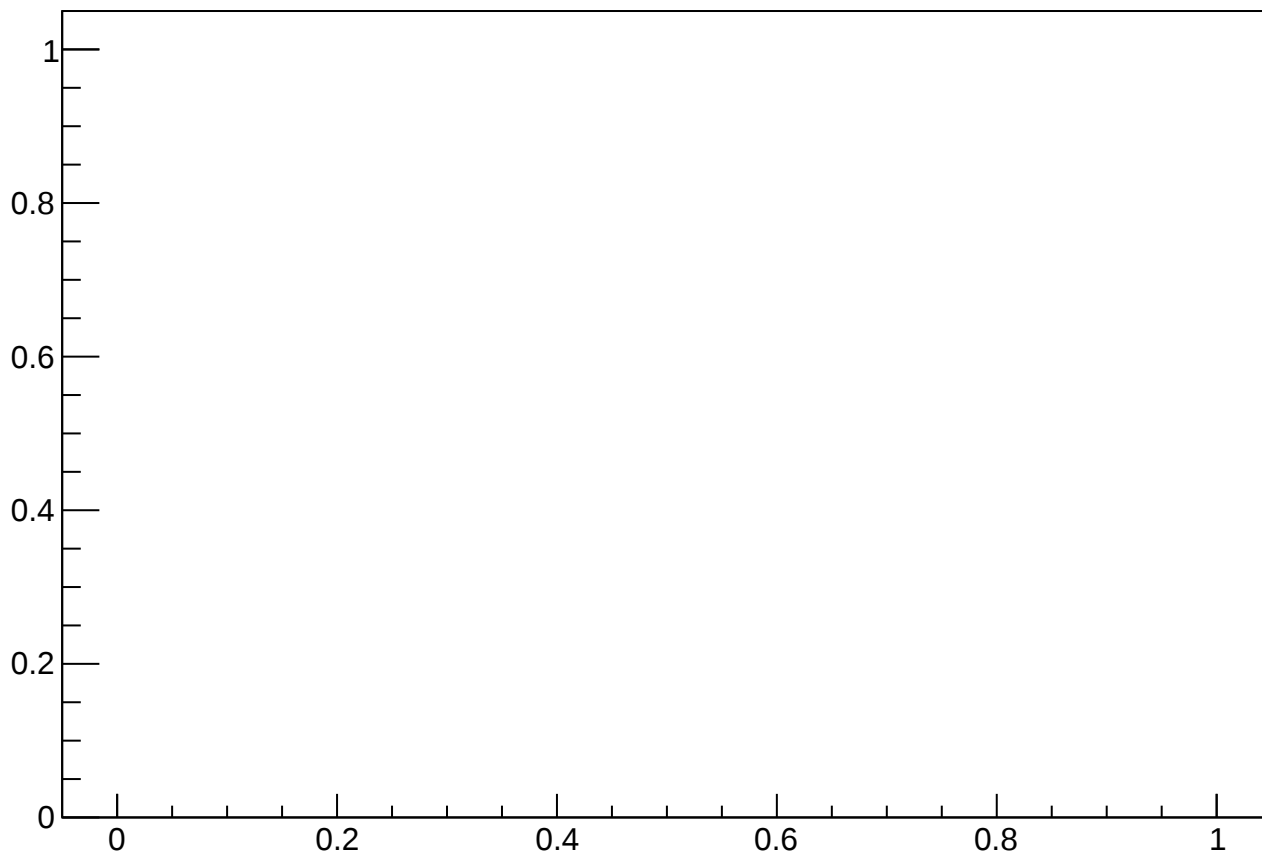
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

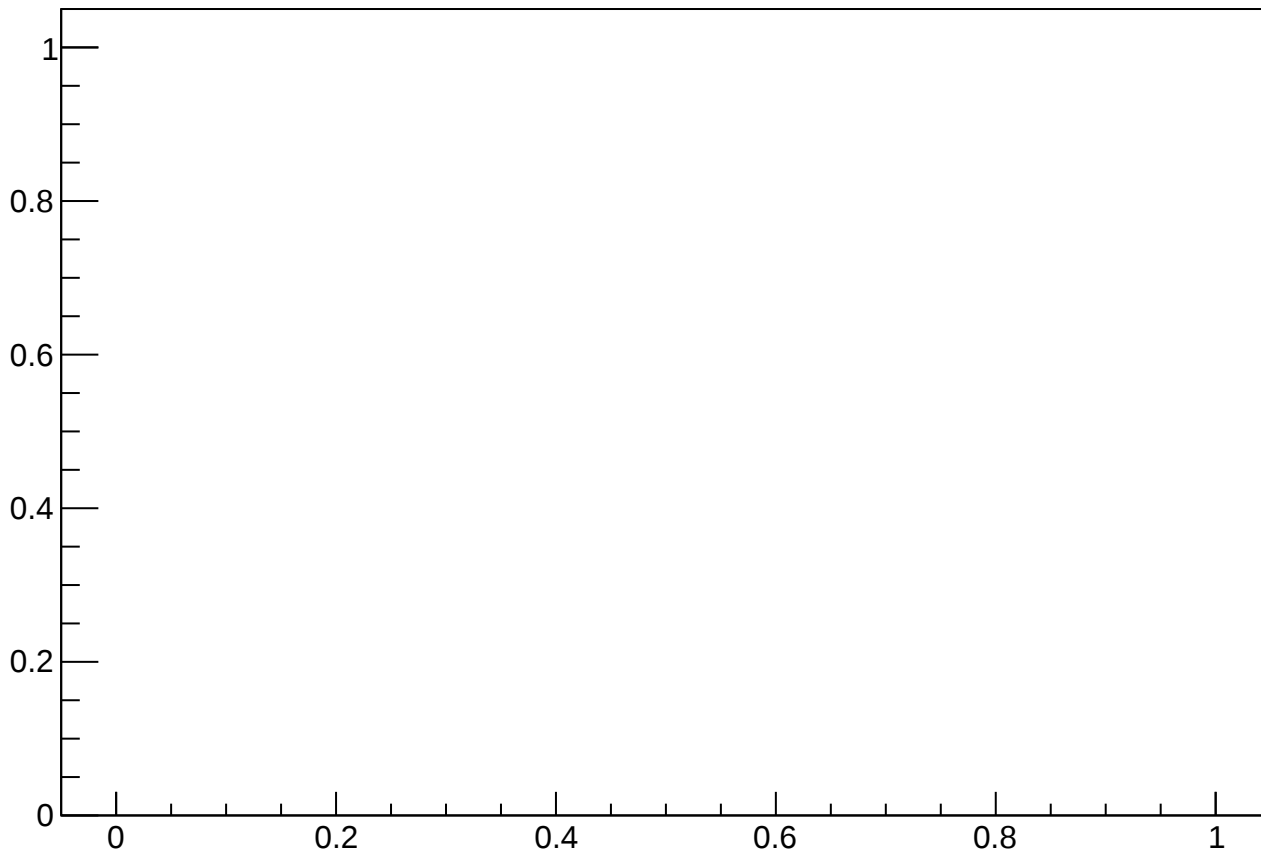
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

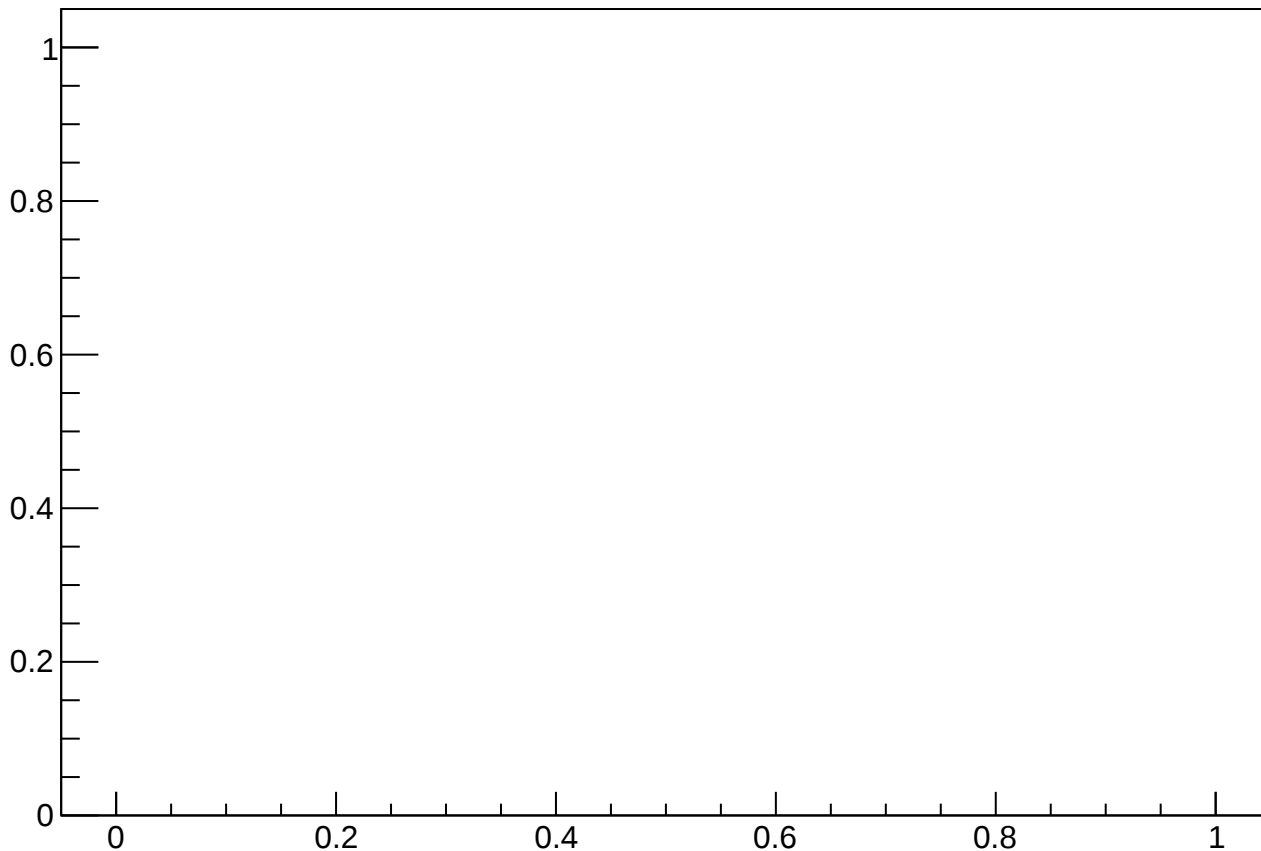
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

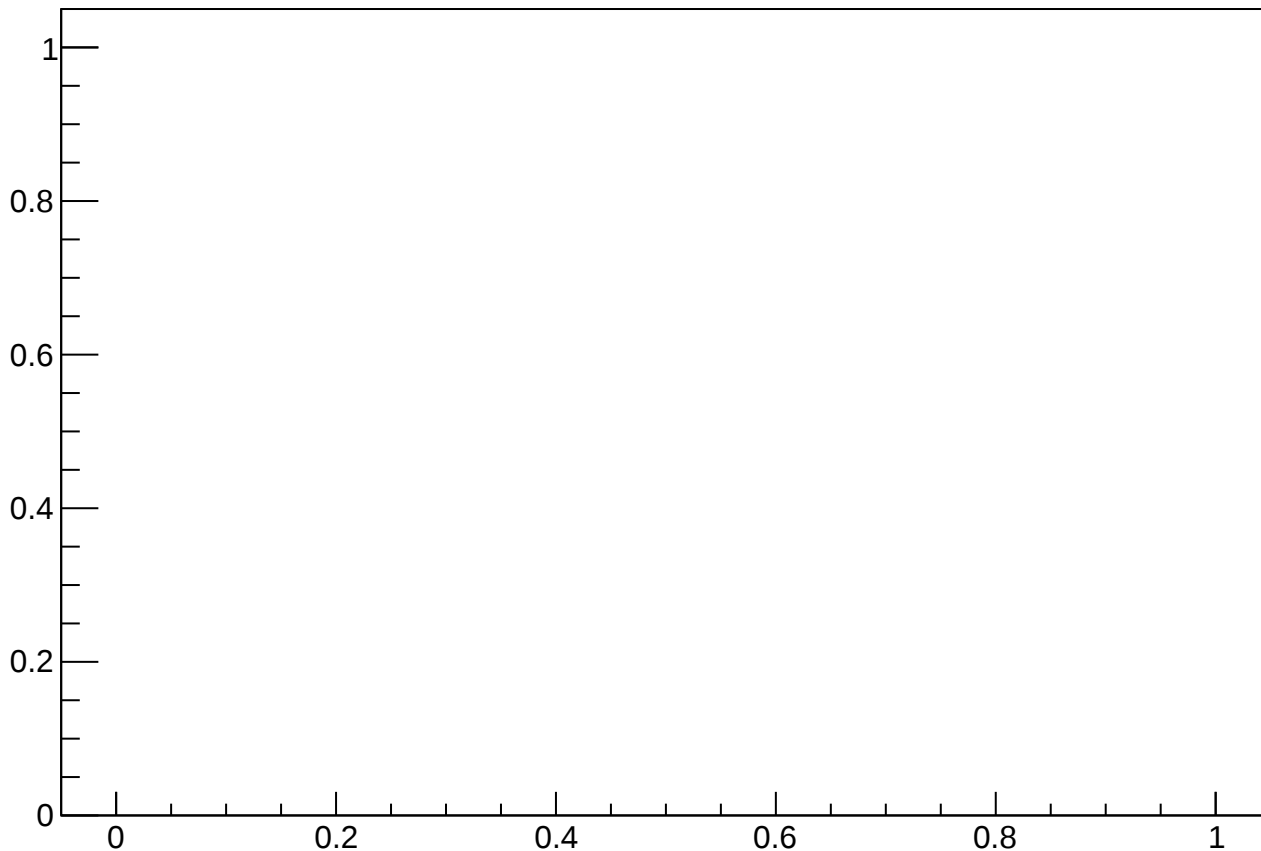
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

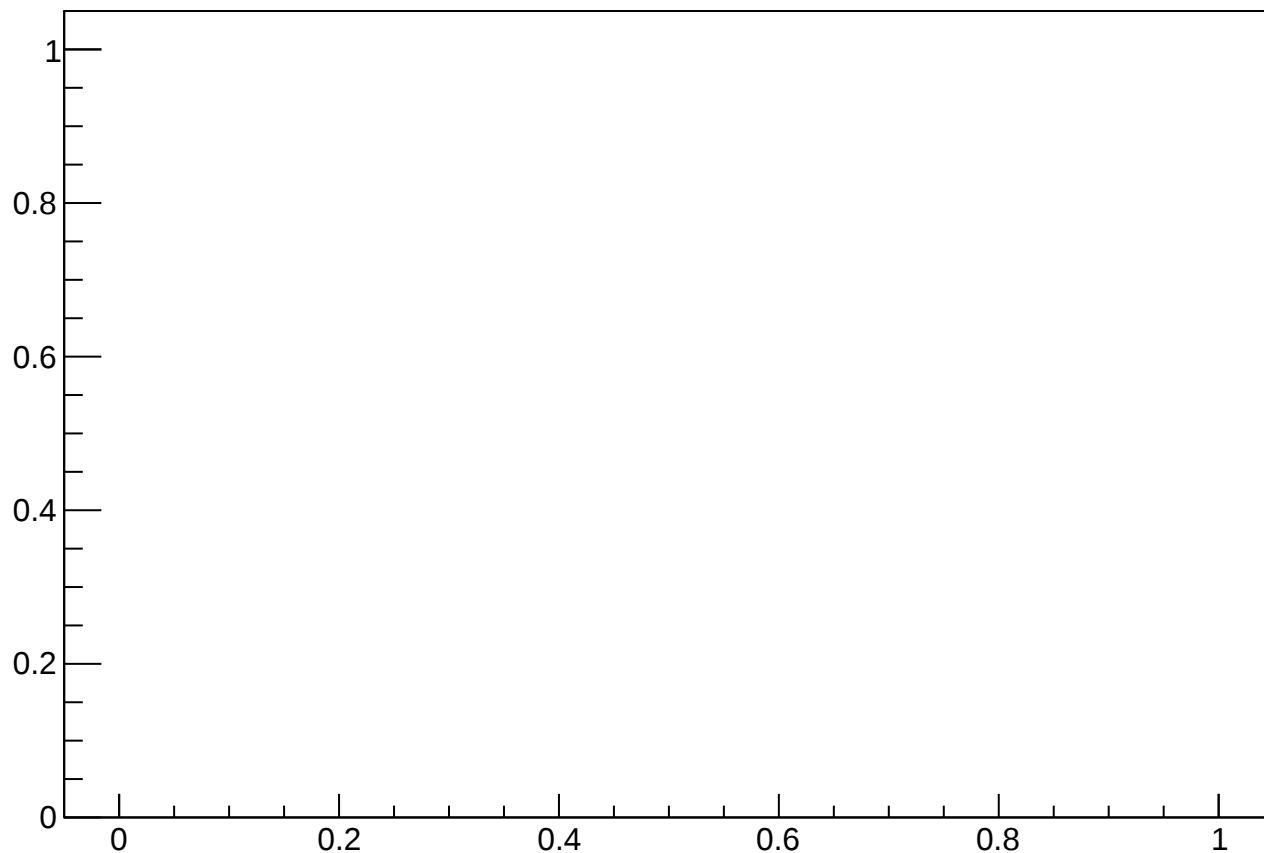
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

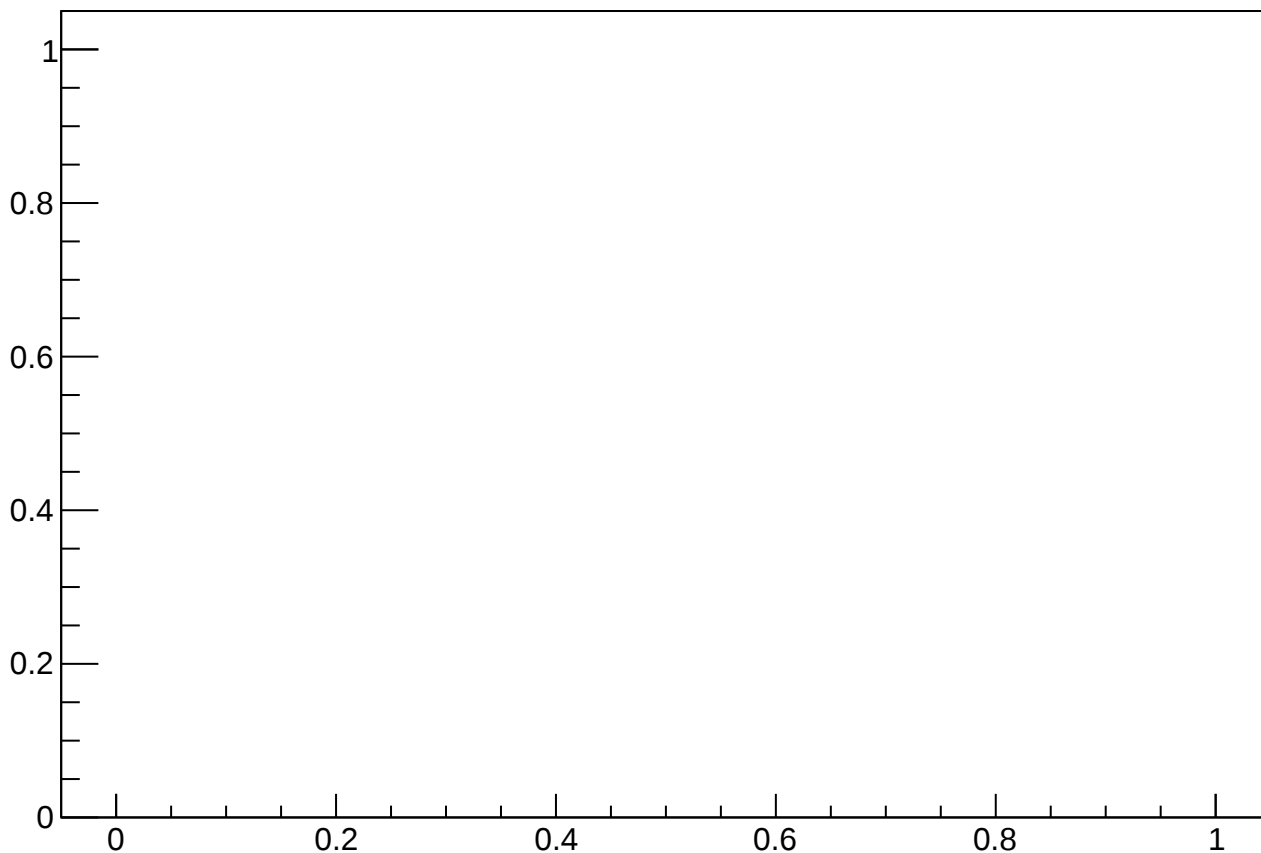
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

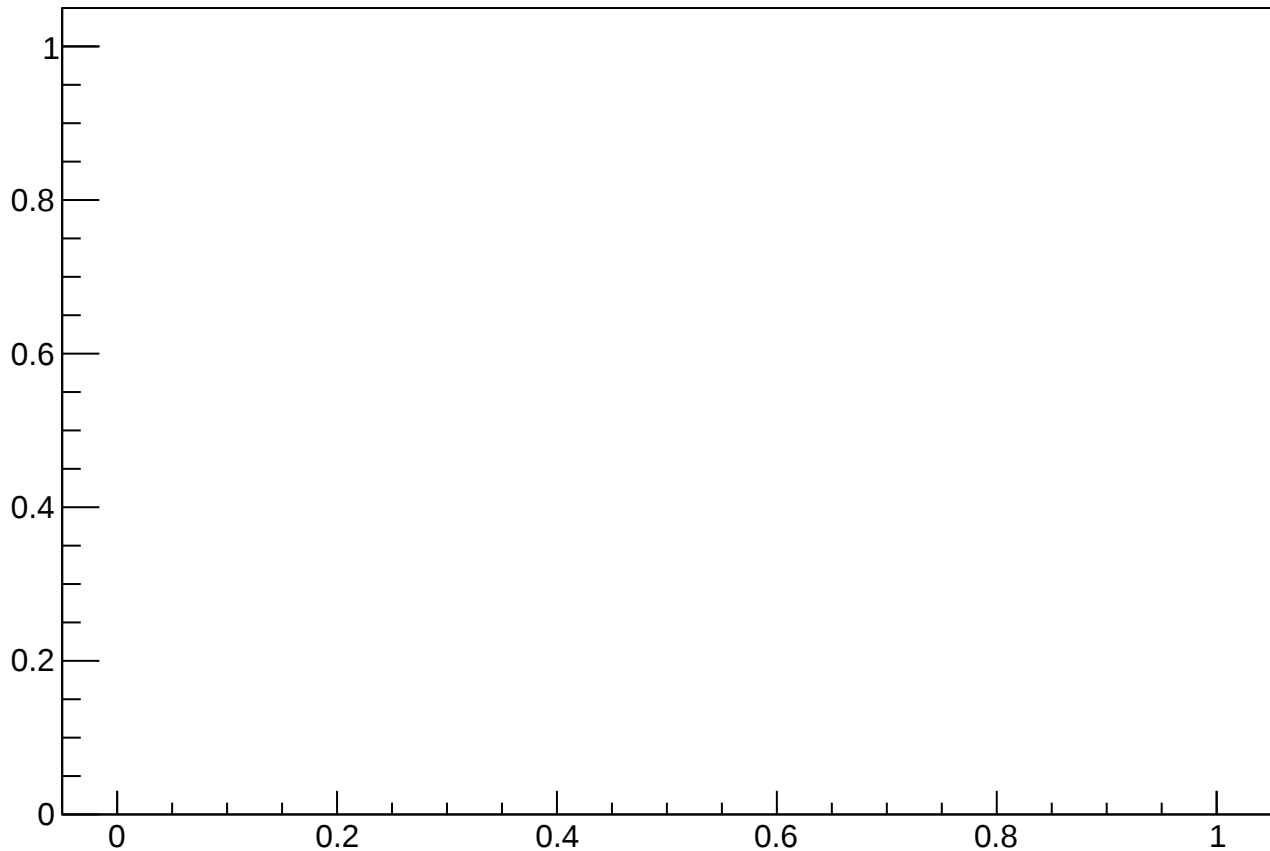
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 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_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

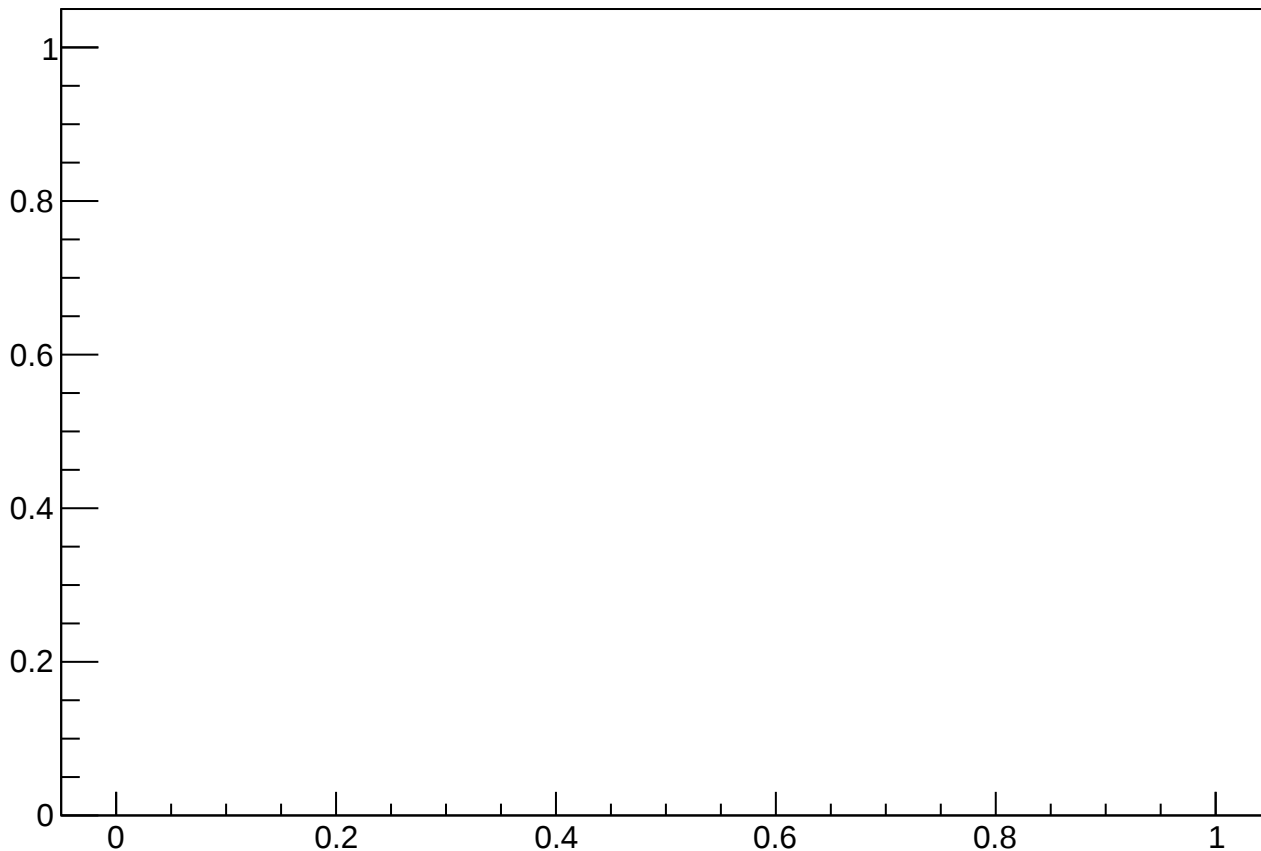
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

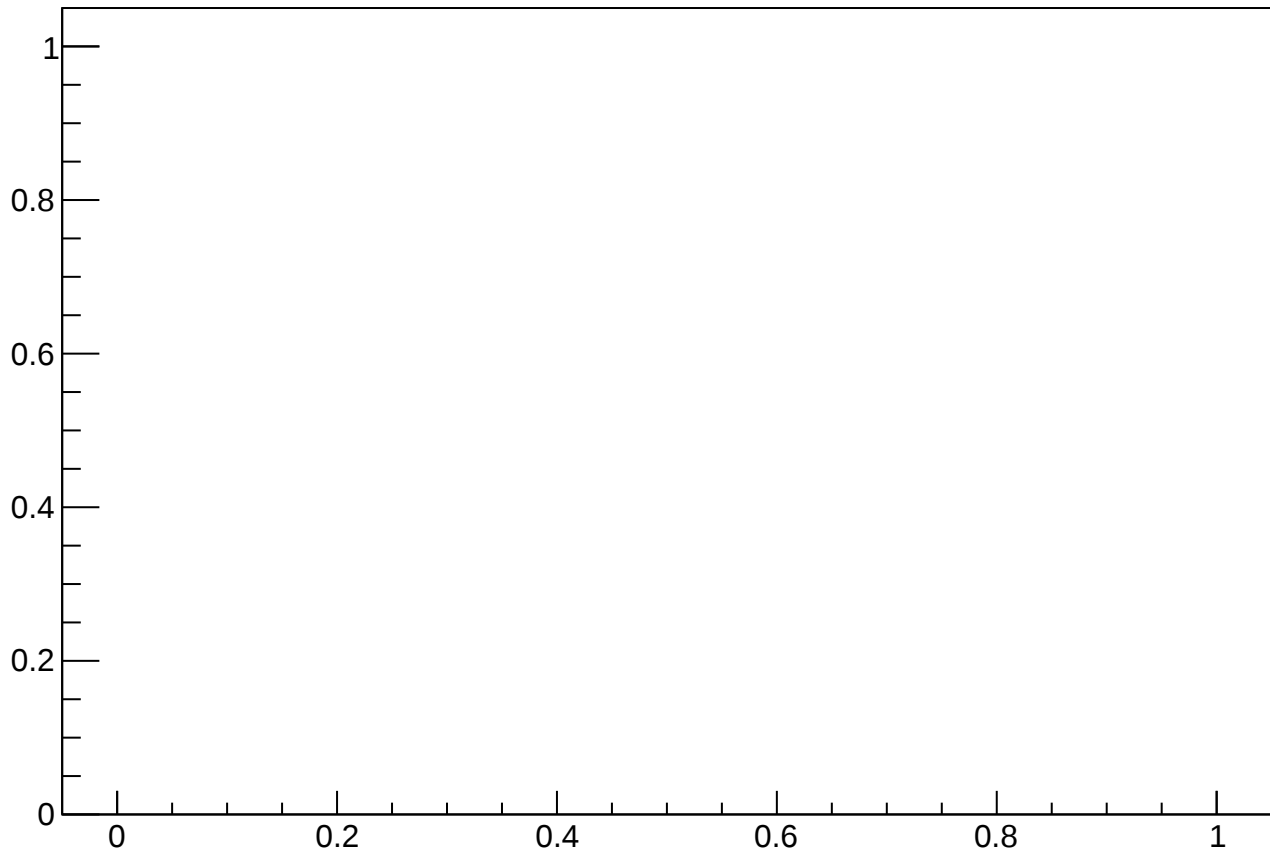
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

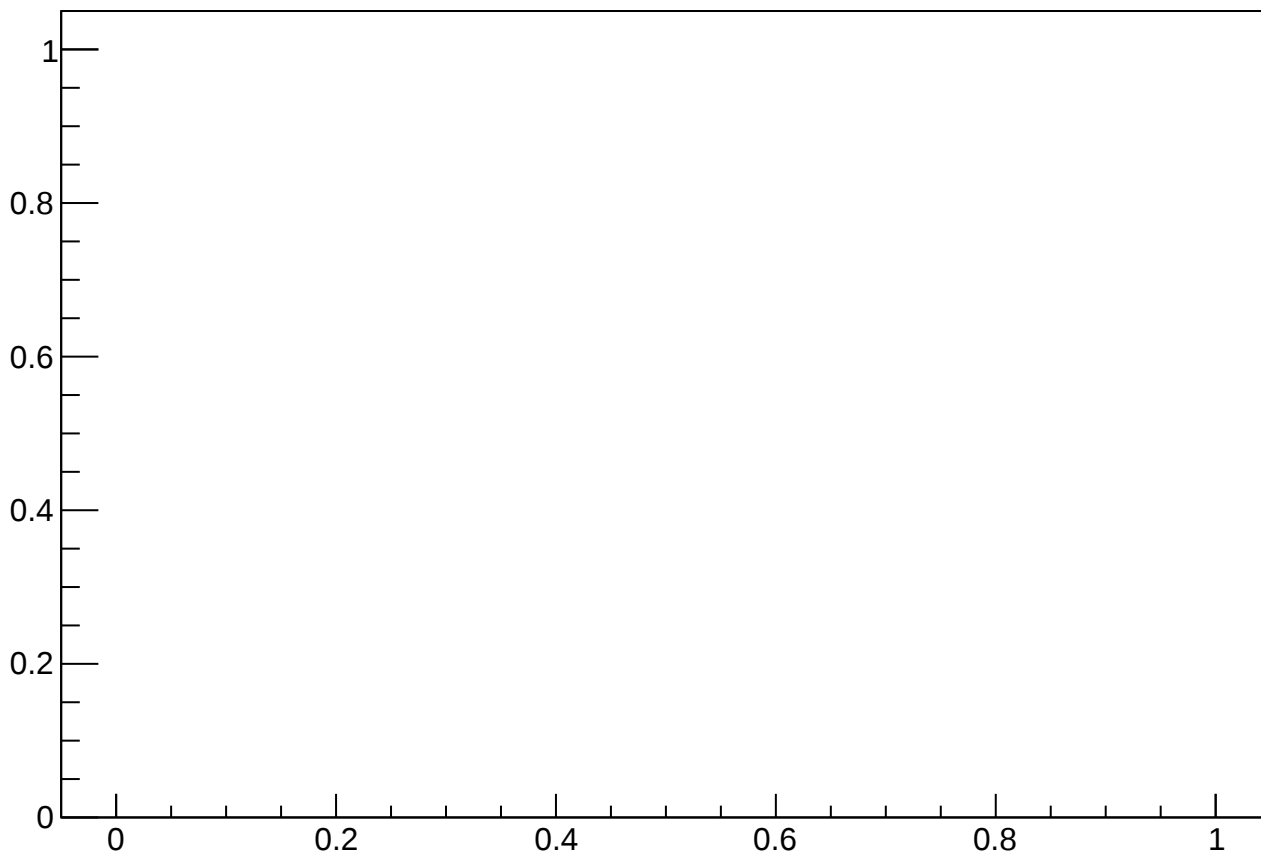
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

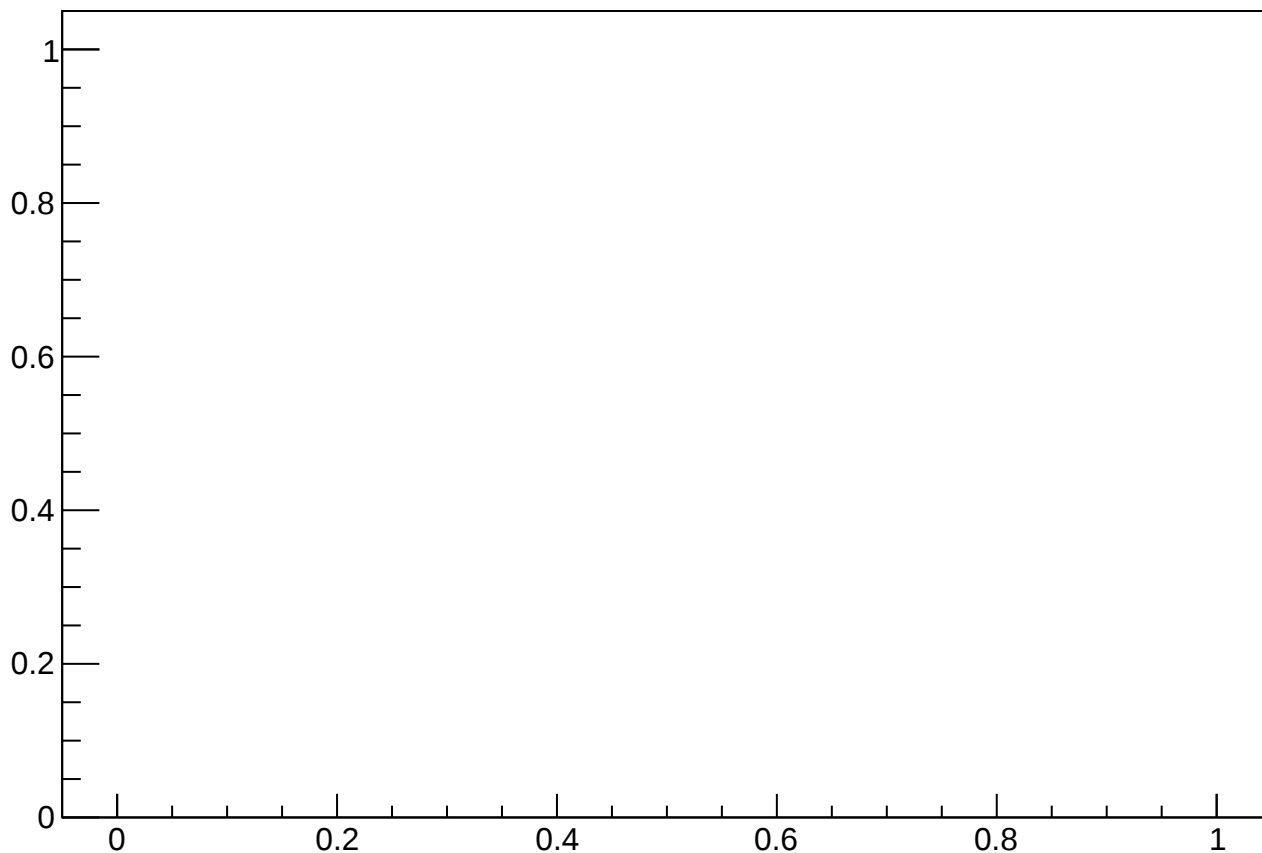
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

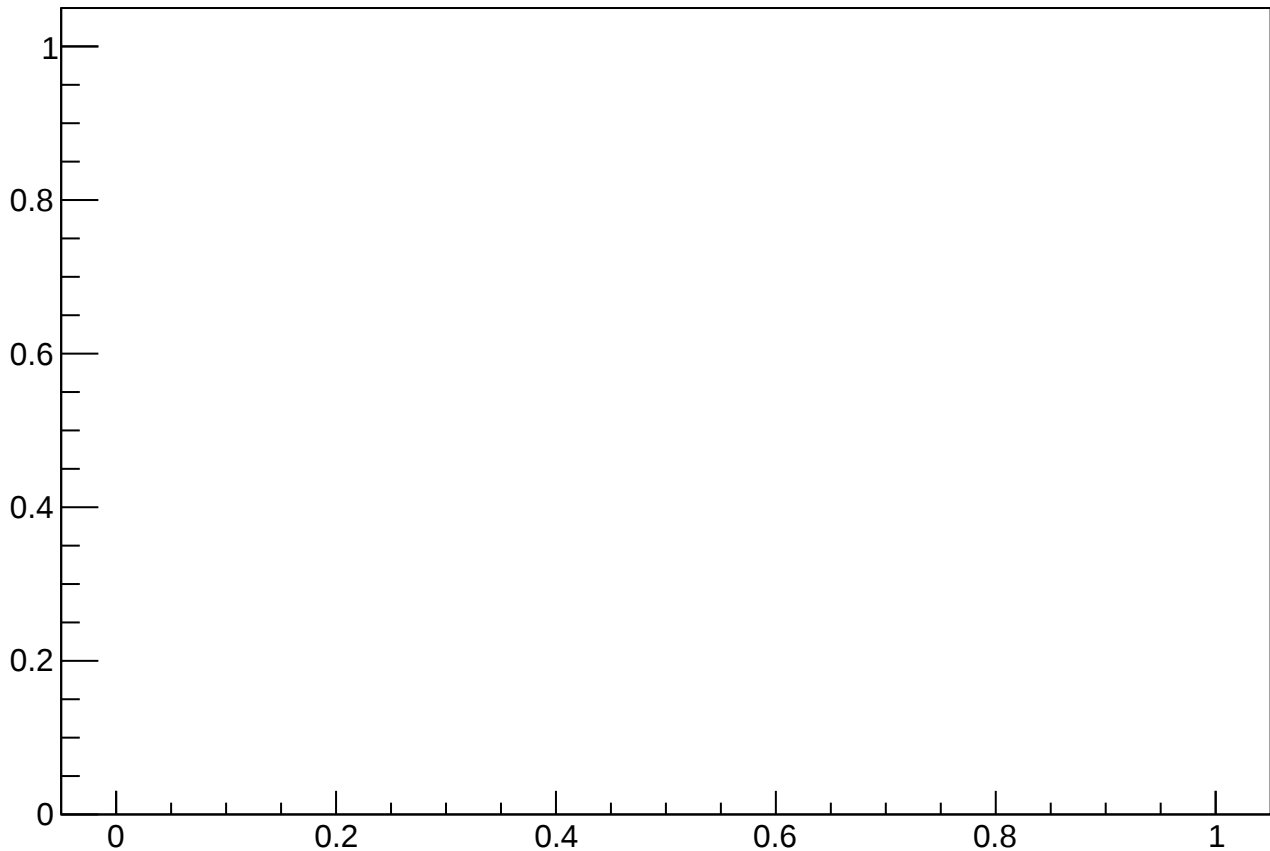
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

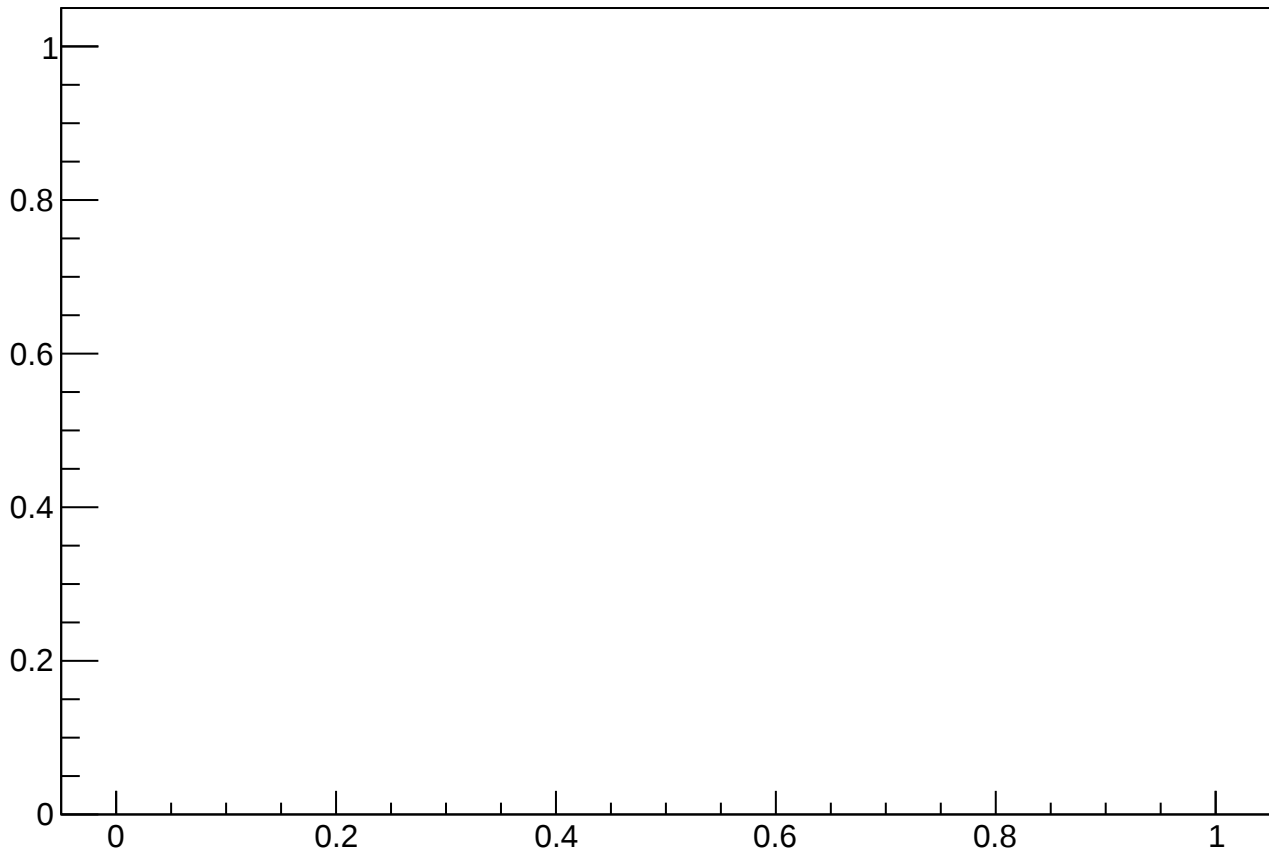
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

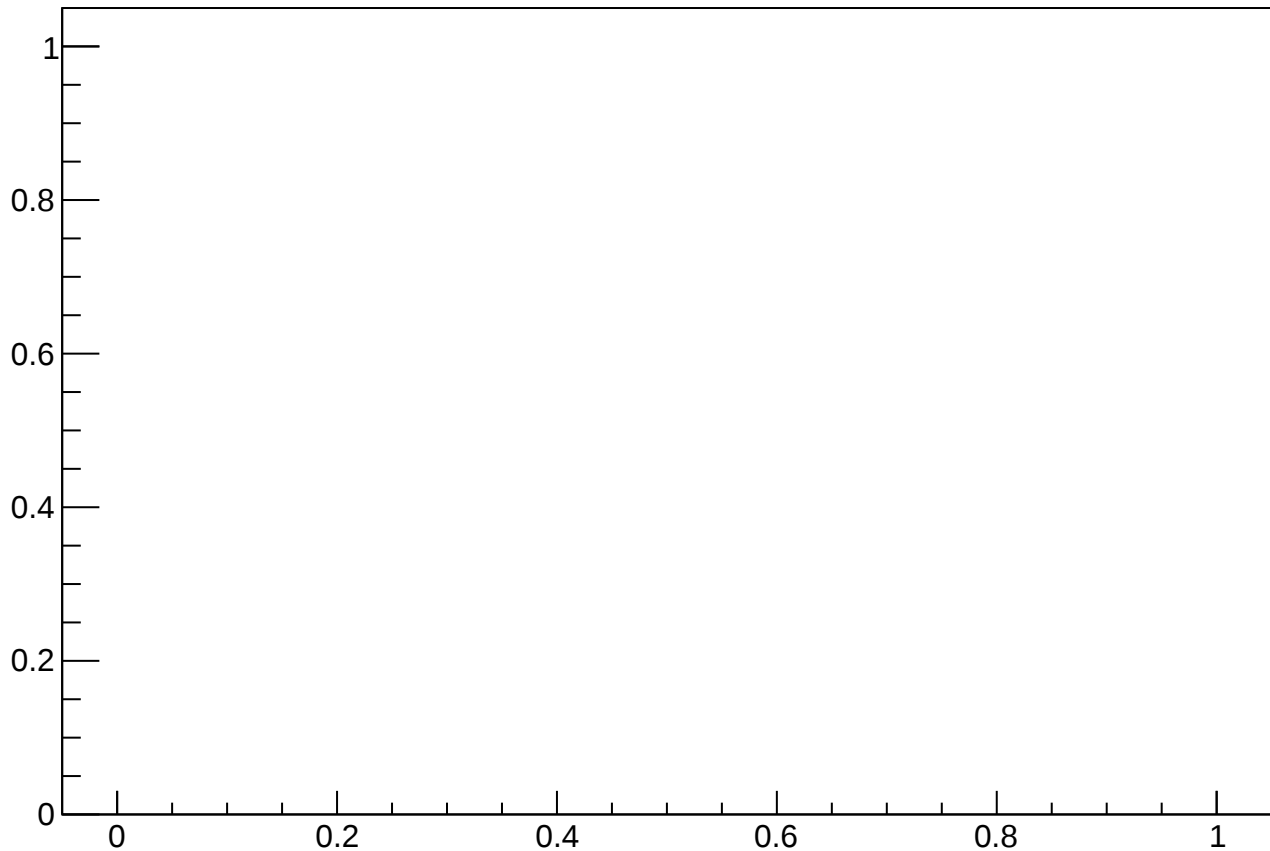
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

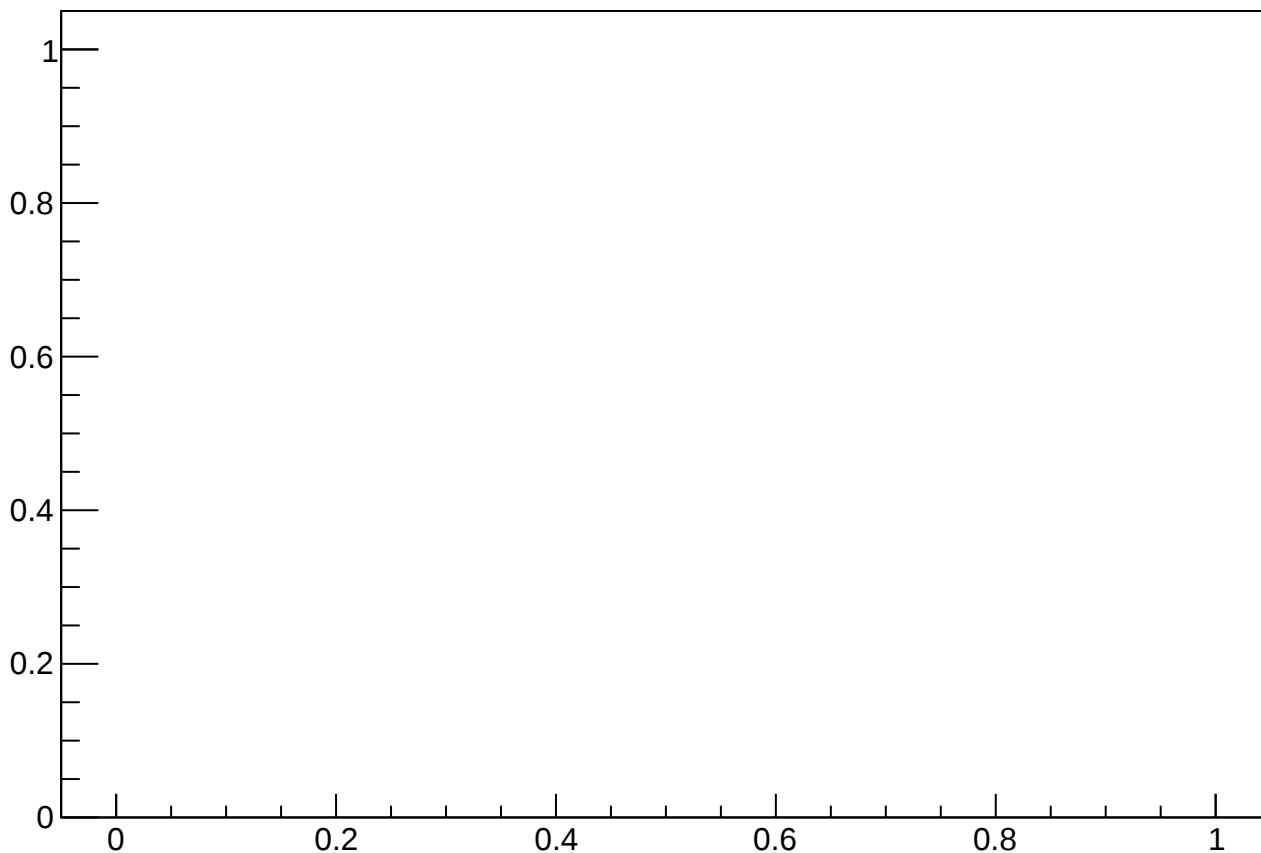
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

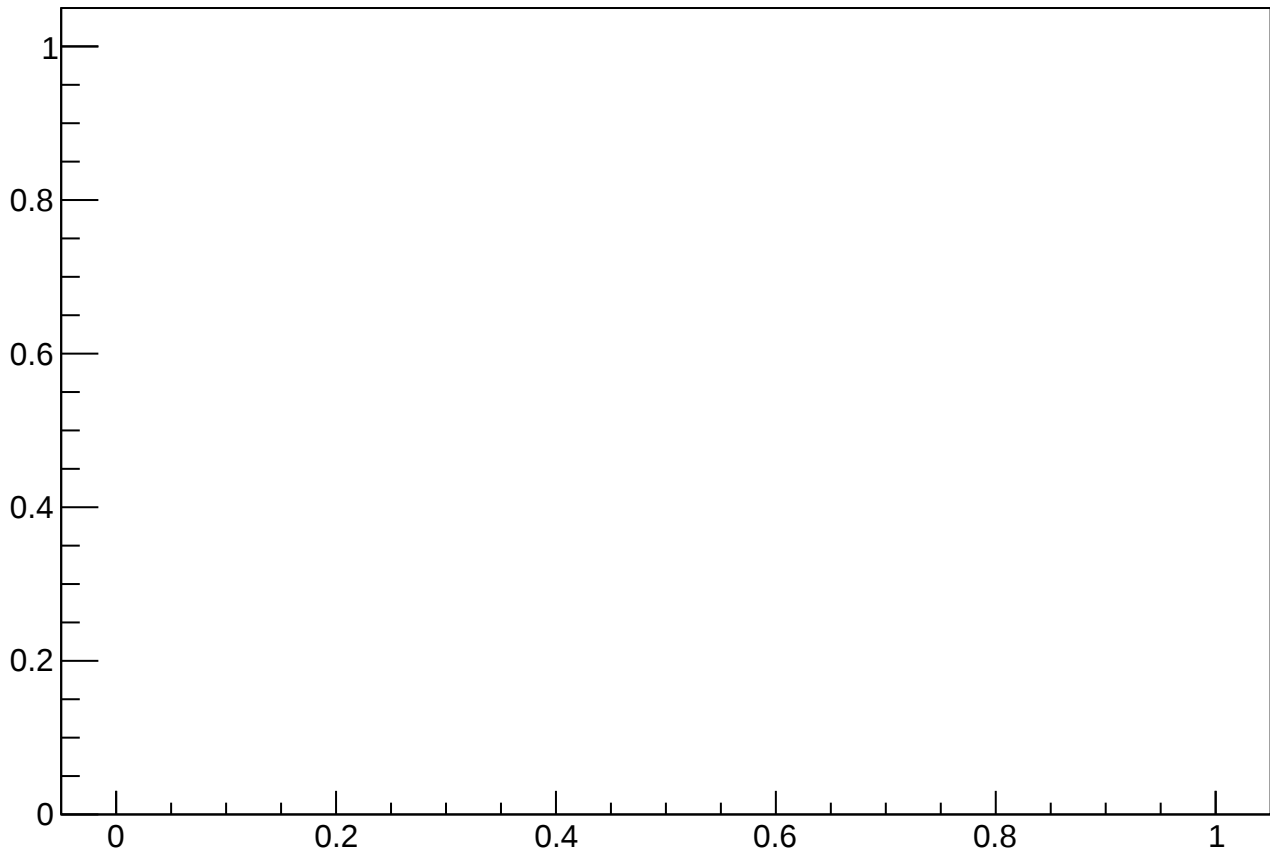
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

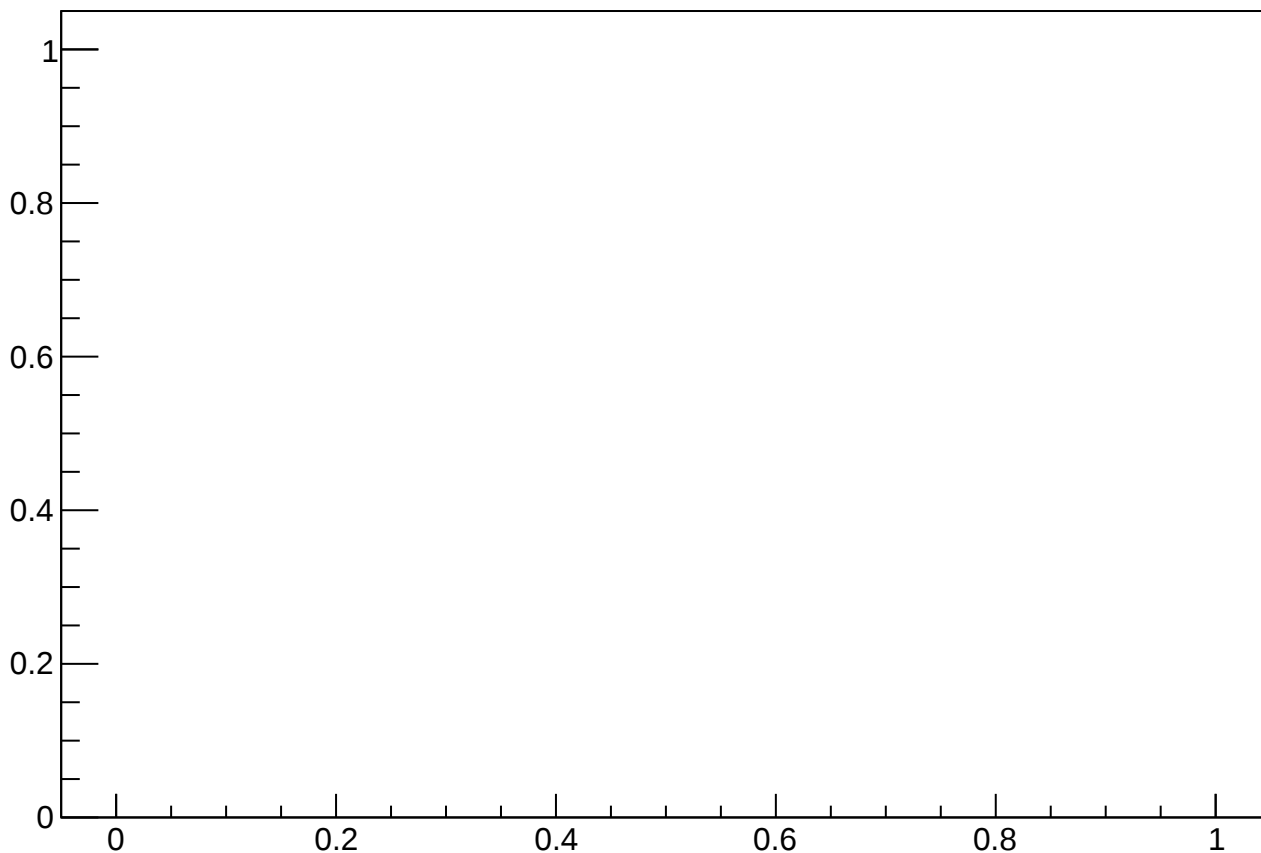
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

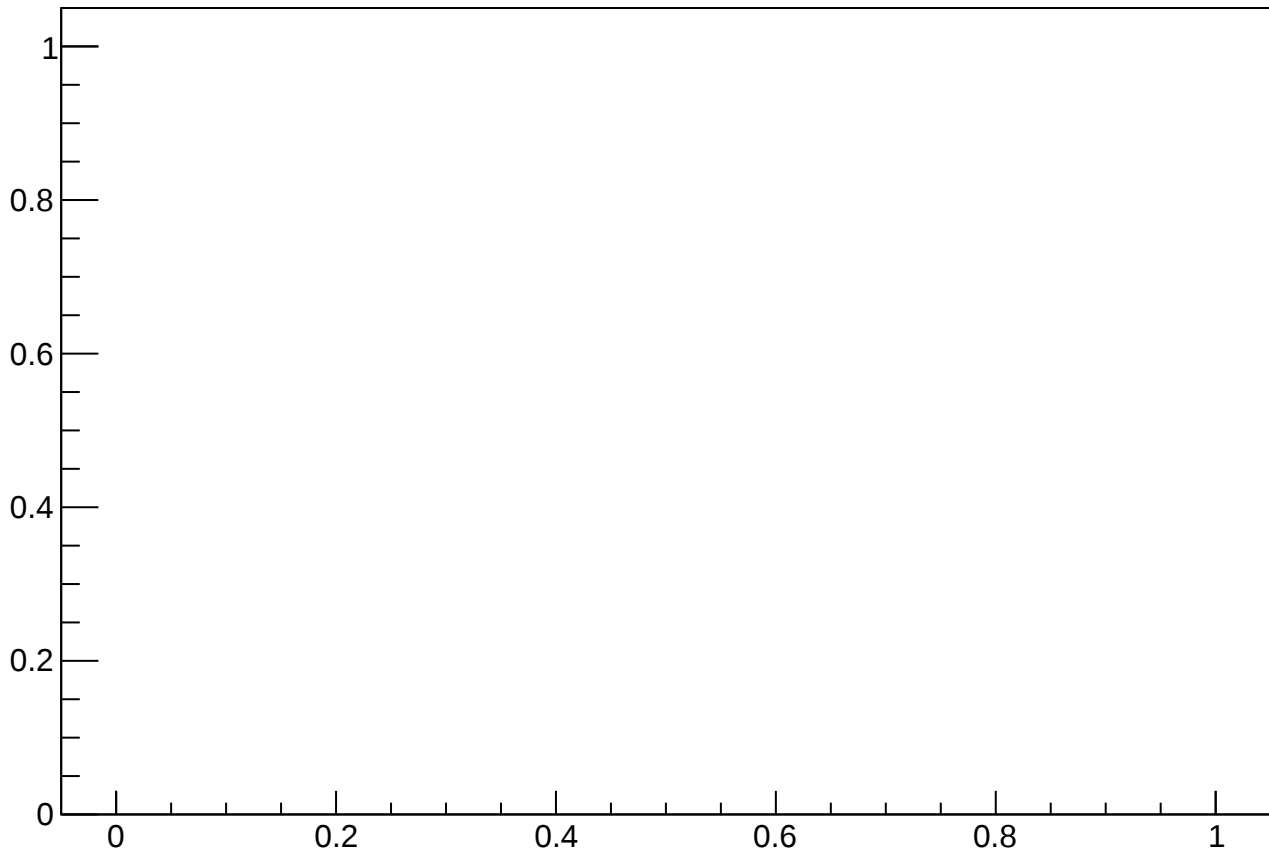
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

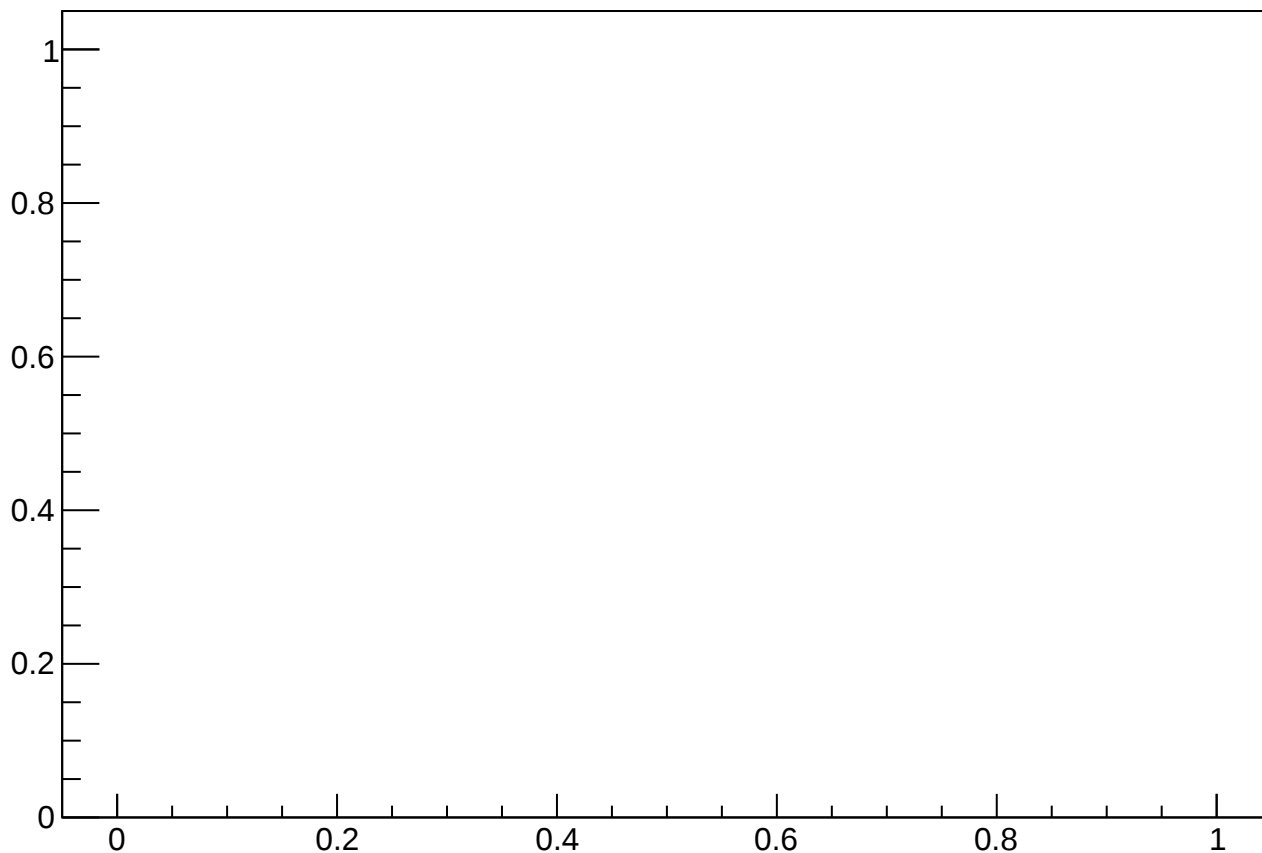
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

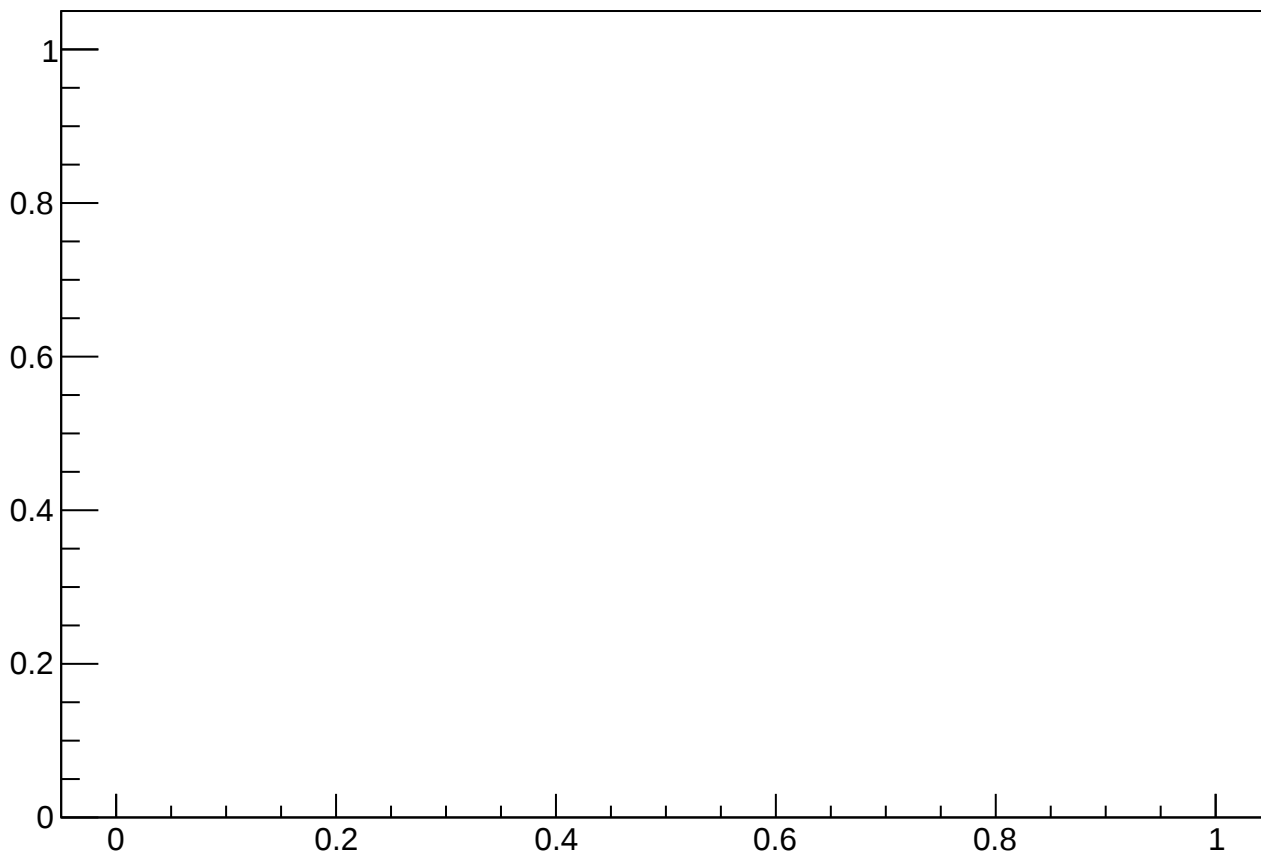
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

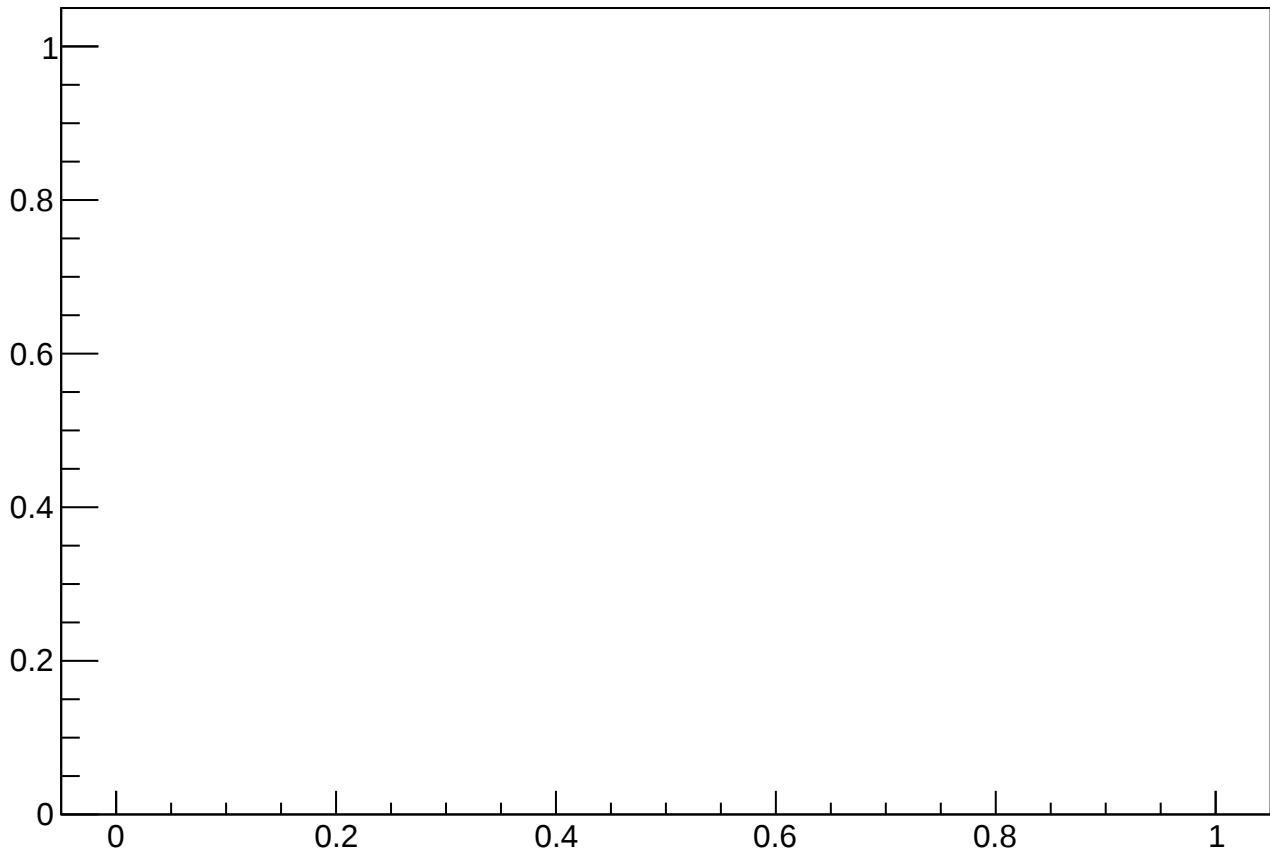
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

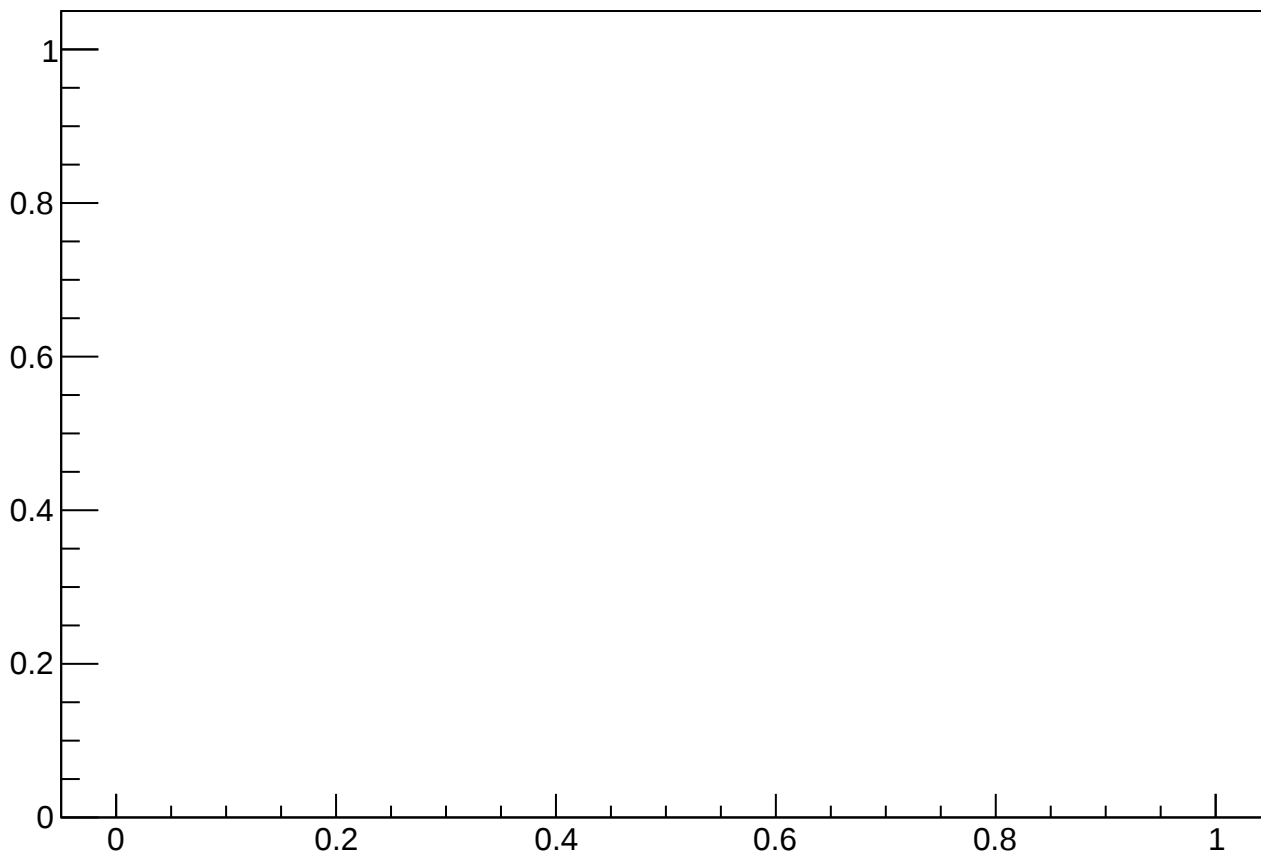
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

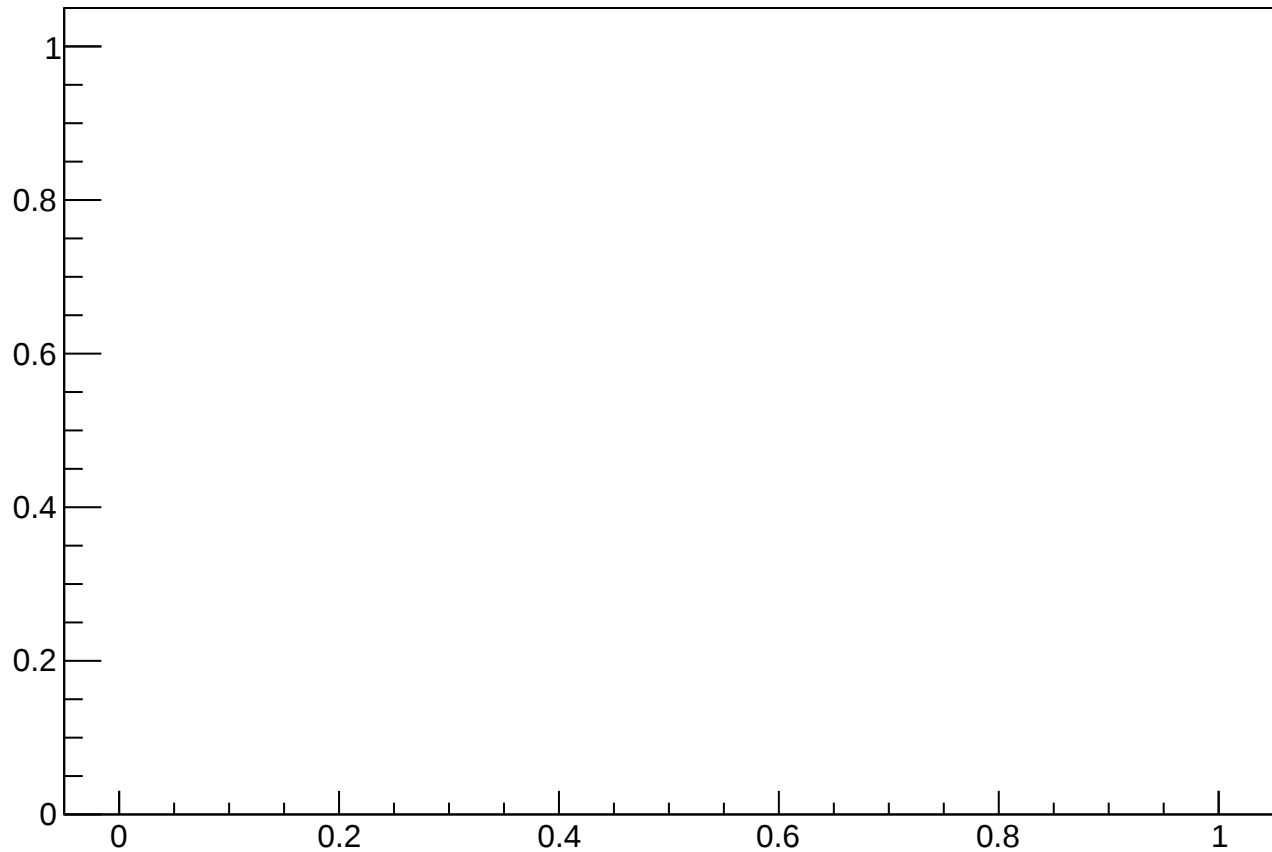
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

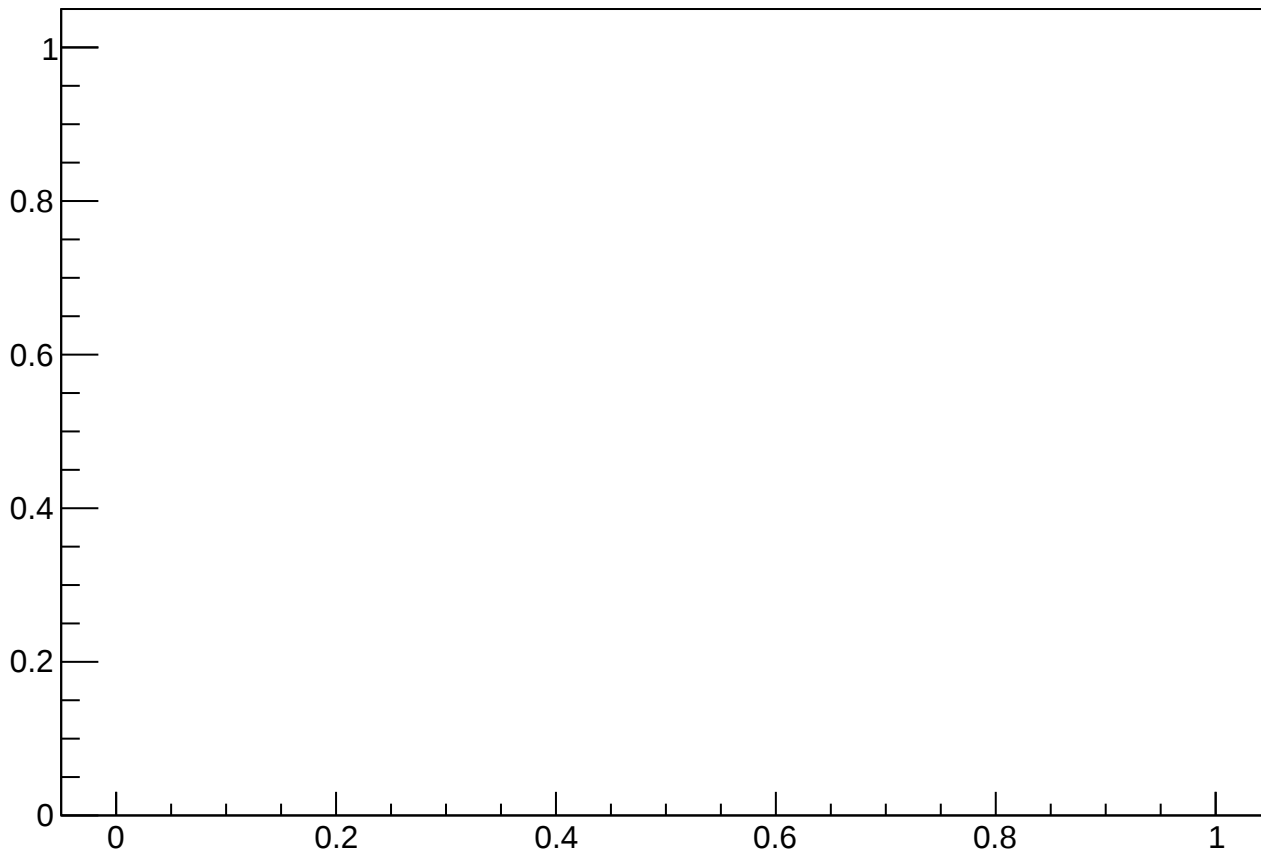
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

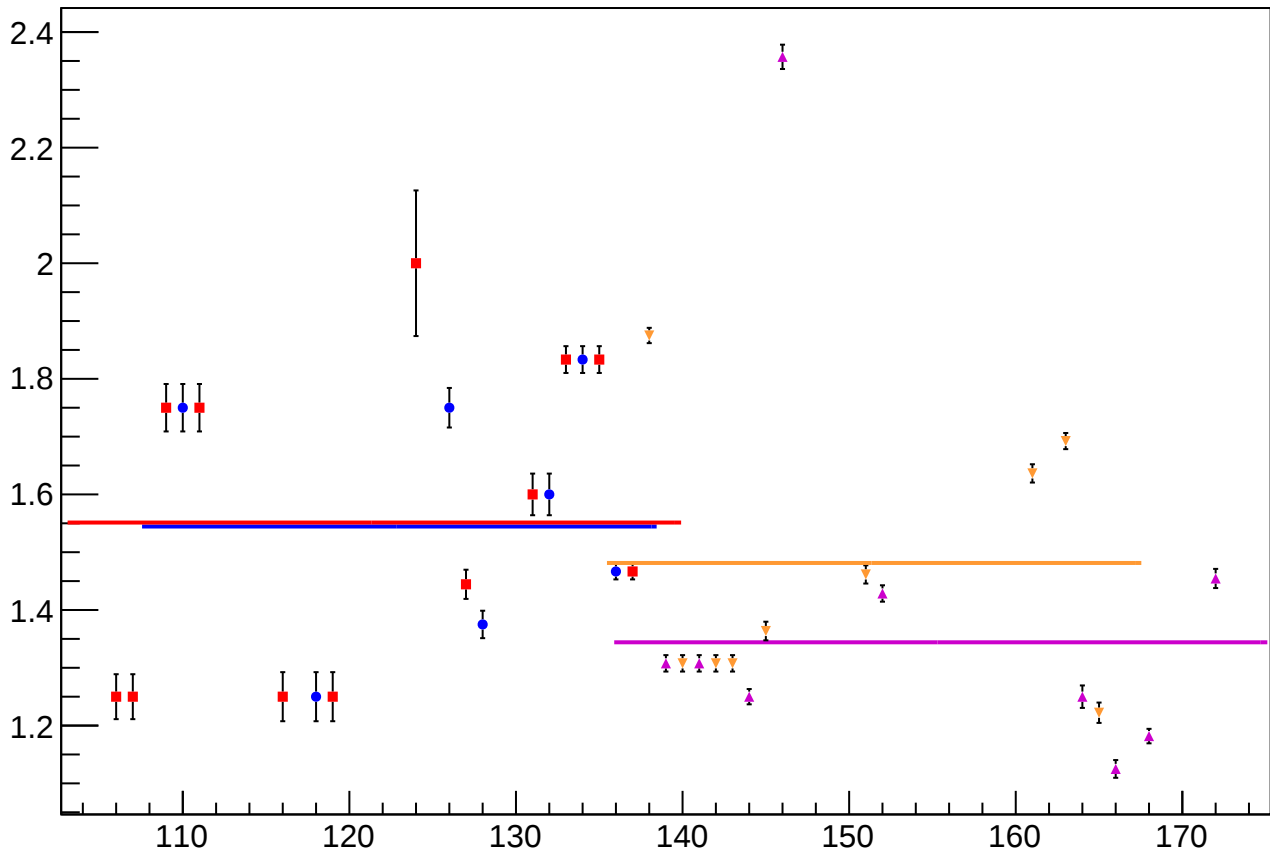
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2/NDF :2852.1/8

Left: 1.414 $\pm$ 0.004 χ^2/NDF : 5158.2/17

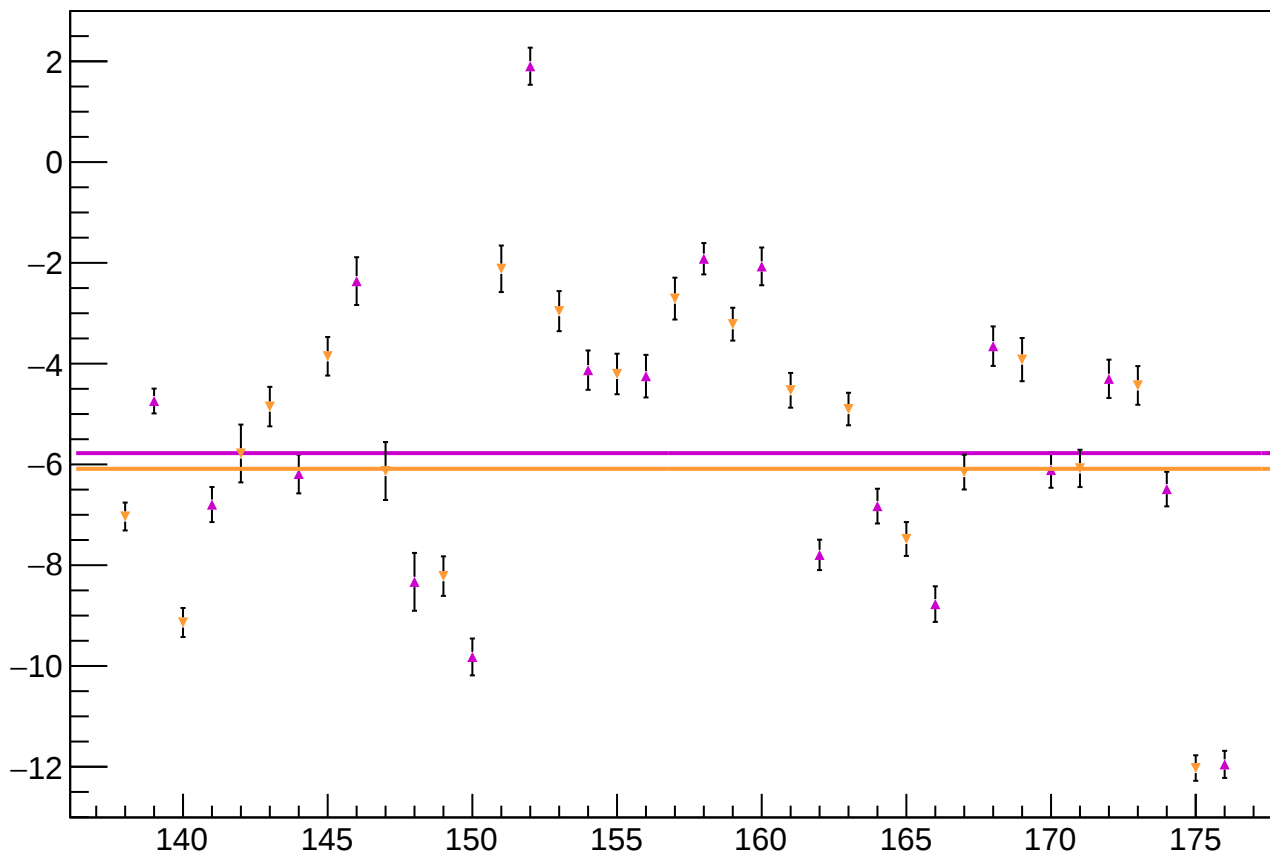
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF :3564.8/15

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.9/36

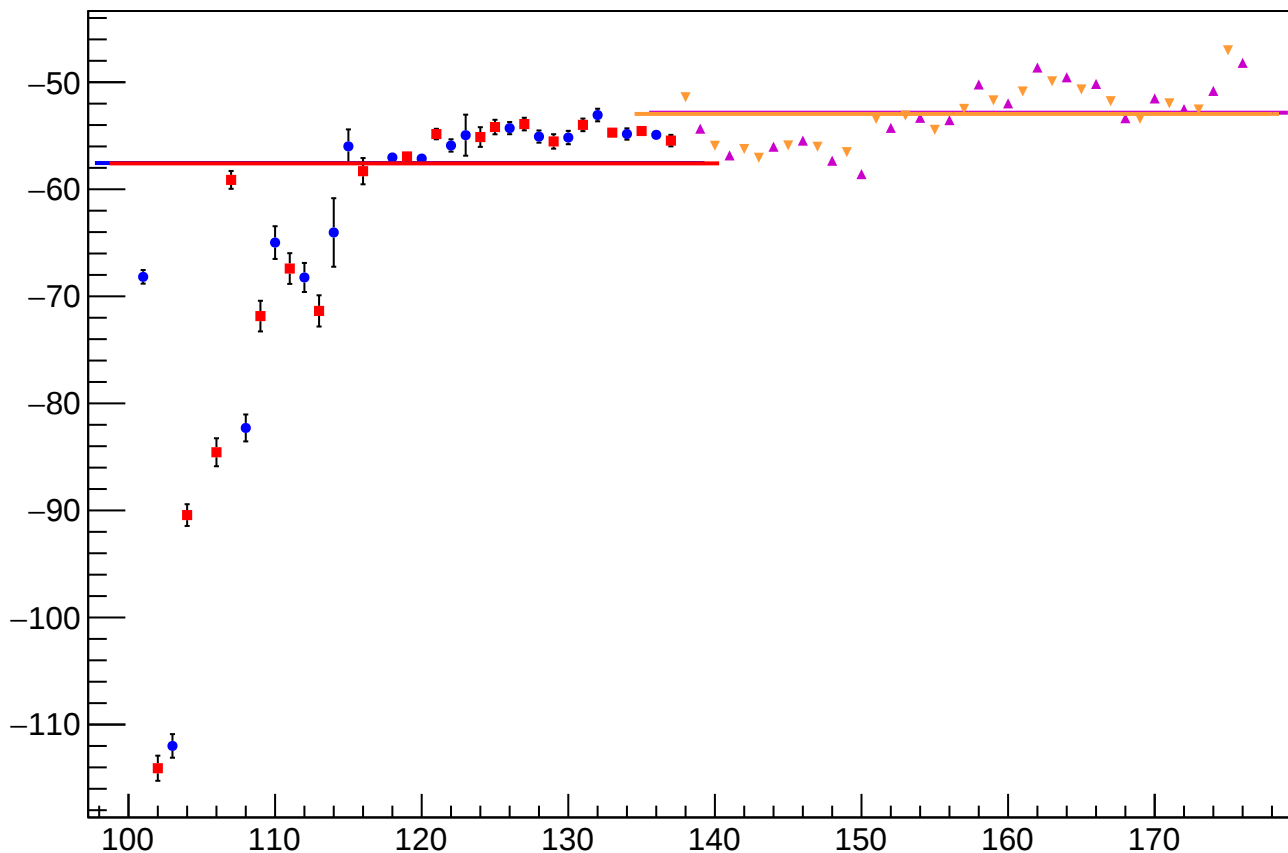
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -6.088 $\pm$ 0.081 χ^2/NDF :1143.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -5.776 $\pm$ 0.080 χ^2/NDF :1642.3/18

Left: -5.931 $\pm$ 0.057 χ^2/NDF : 2793.2/38
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -5.776 $\pm$ 0.080 χ^2/NDF :1642.3/18
 Out: -6.088 $\pm$ 0.081 χ^2/NDF :1143.4/19
 All: -5.931 $\pm$ 0.057 χ^2/NDF : 2793.2/38

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -52.962+/-0.062 χ^2/NDF :1852.2/19

Right Out: -57.581+/-0.143 χ^2/NDF : 4343.8/17

Left In: -52.848+/-0.063 χ^2/NDF :2349.2/18

Left: -52.907+/-0.044 χ^2/NDF : 4203.1/38

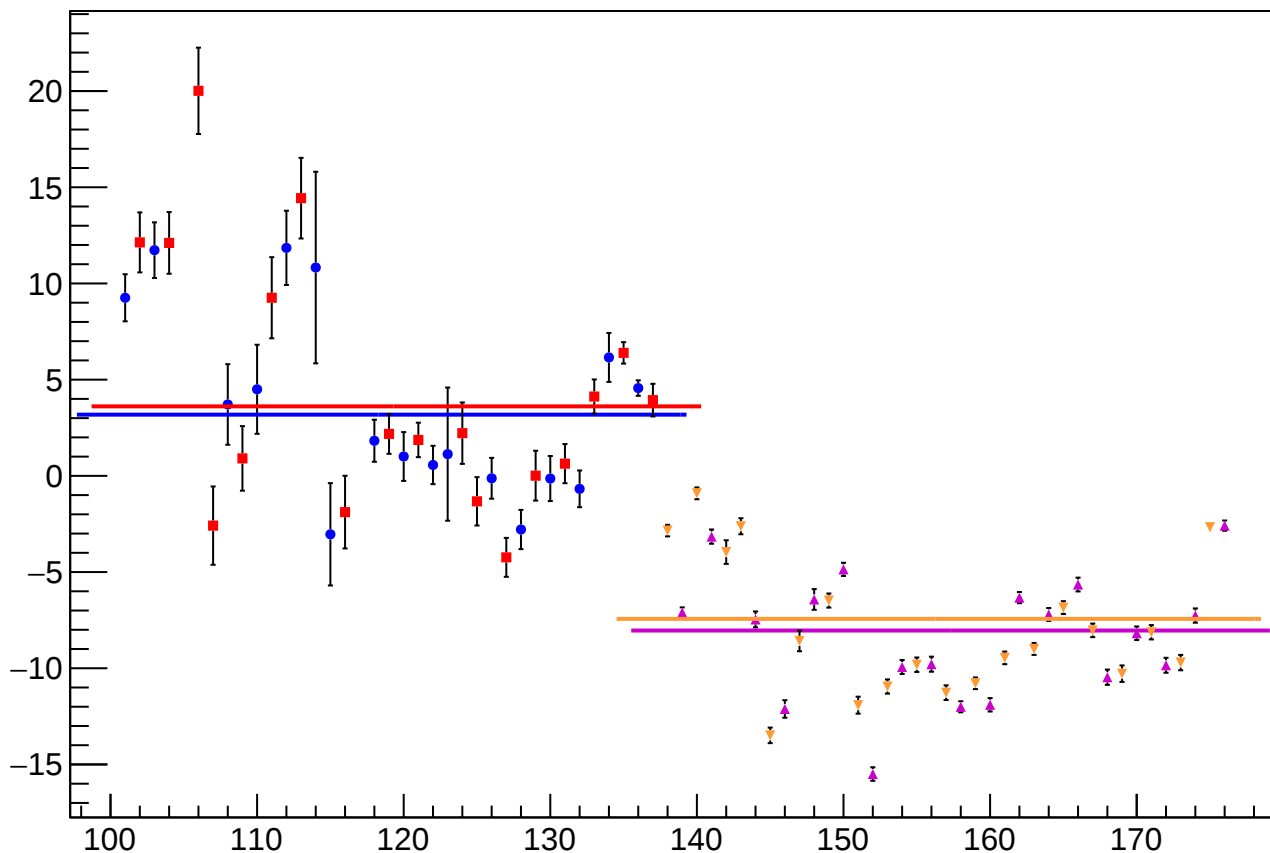
Right: -57.565+/-0.101 χ^2/NDF : 7804.2/34

In: -53.634+/-0.058 χ^2/NDF :6727.7/35

Out: -53.688+/-0.057 χ^2/NDF :7076.0/37

All: -53.662+/-0.041 χ^2/NDF : 13804.1/73

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.433 ± 0.080 $\chi^2/\text{NDF}: 2048.4/19$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.038 ± 0.080 $\chi^2/\text{NDF}: 1740.9/18$

Left: -7.738 ± 0.057 $\chi^2/\text{NDF}: 3817.9/38$

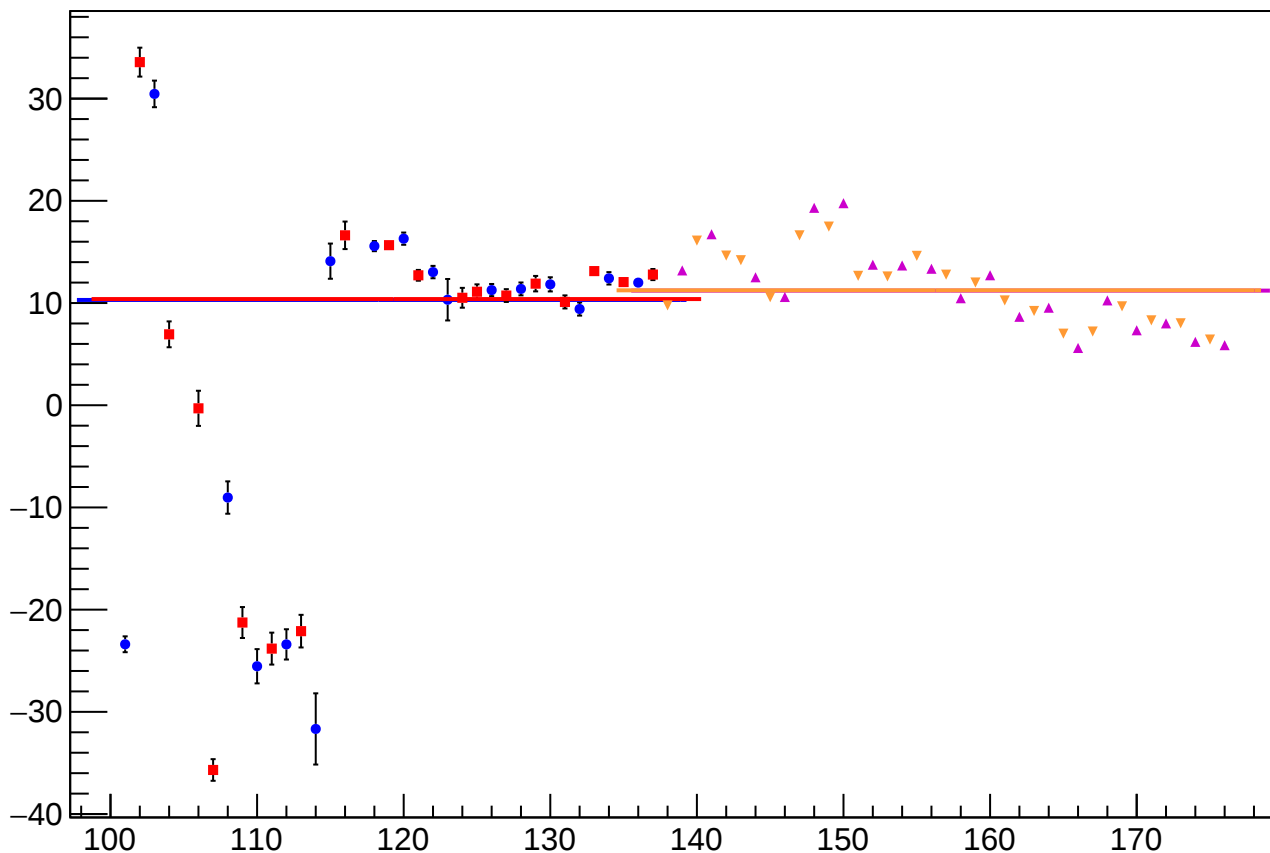
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.061 ± 0.076 $\chi^2/\text{NDF}: 3652.6/35$

Out: -6.525 ± 0.077 $\chi^2/\text{NDF}: 3898.0/37$

All: -6.795 ± 0.054 $\chi^2/\text{NDF}: 7575.1/73$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 11.243 ± 0.070 χ^2/NDF : 2212.3/19

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 11.215 ± 0.071 χ^2/NDF : 3203.2/18

Left: 11.229 ± 0.050 χ^2/NDF : 5415.6/38

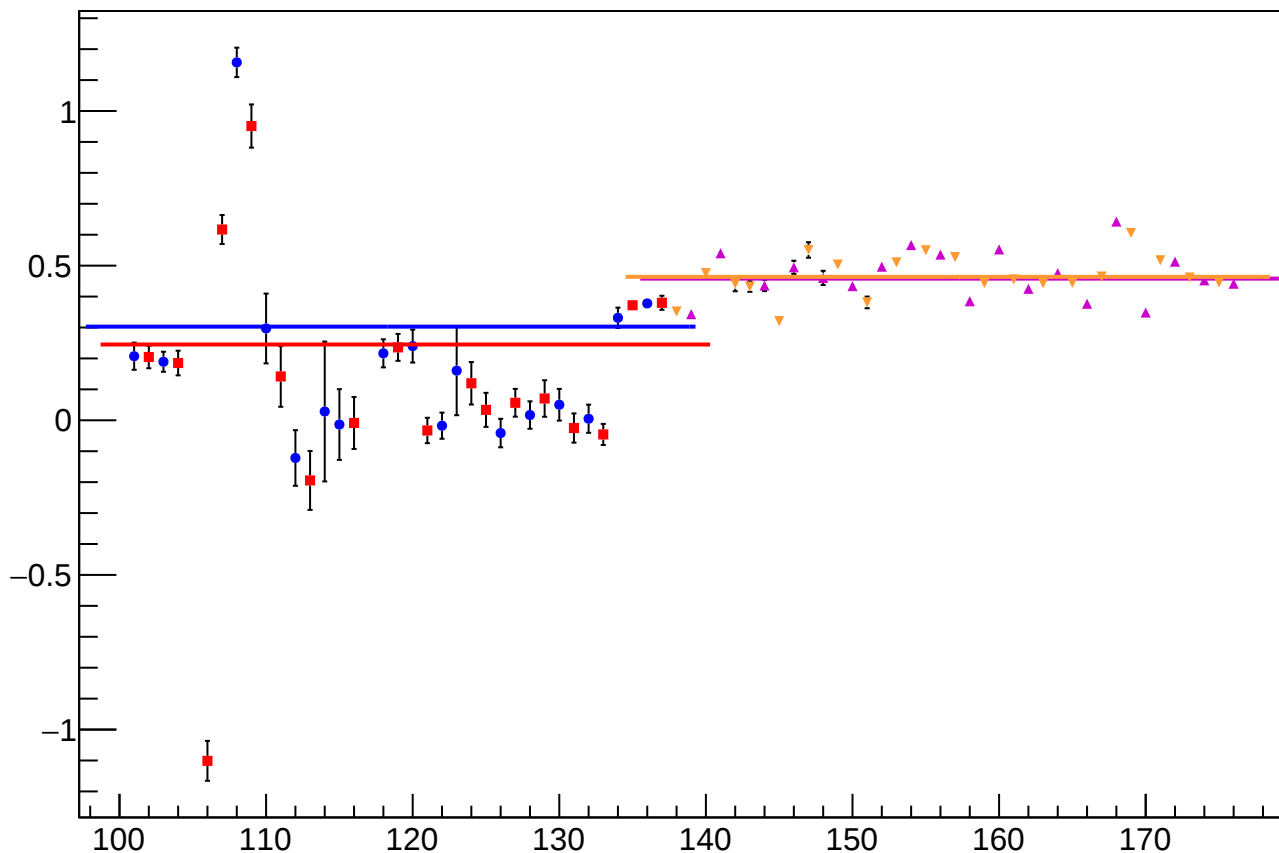
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 11.060 ± 0.065 χ^2/NDF : 6930.7/35

Out: 11.108 ± 0.064 χ^2/NDF : 6022.7/37

All: 11.084 ± 0.045 χ^2/NDF : 12953.7/73

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: 0.464 $\pm$ 0.003 χ^2/NDF :407.3/19

Right Out: 0.245 $\pm$ 0.009 χ^2/NDF : 954.5/17

Left In: 0.458 $\pm$ 0.003 χ^2/NDF :687.0/18

Left: 0.461 $\pm$ 0.002 χ^2/NDF : 1096.1/38

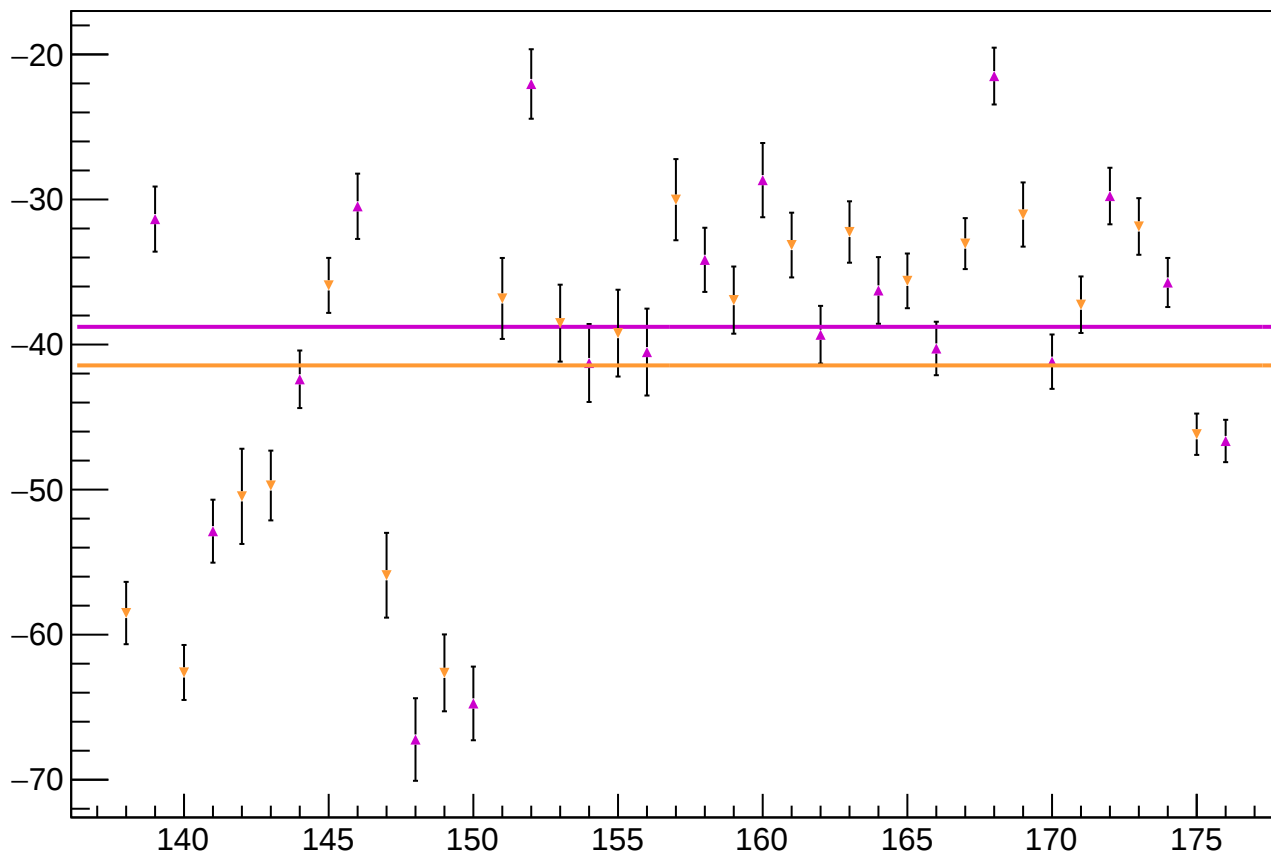
Right: 0.275 $\pm$ 0.006 χ^2/NDF : 1625.6/34

In: 0.439 $\pm$ 0.003 χ^2/NDF :1648.6/35

Out: 0.438 $\pm$ 0.003 χ^2/NDF :1942.9/37

All: 0.438 $\pm$ 0.002 χ^2/NDF : 3591.6/73

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.438+/-0.485 χ^2/NDF : 456.1/19

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

Left In: -38.779+/-0.483 χ^2/NDF : 479.6/18

Left: -40.103+/-0.342 χ^2/NDF : 950.8/38

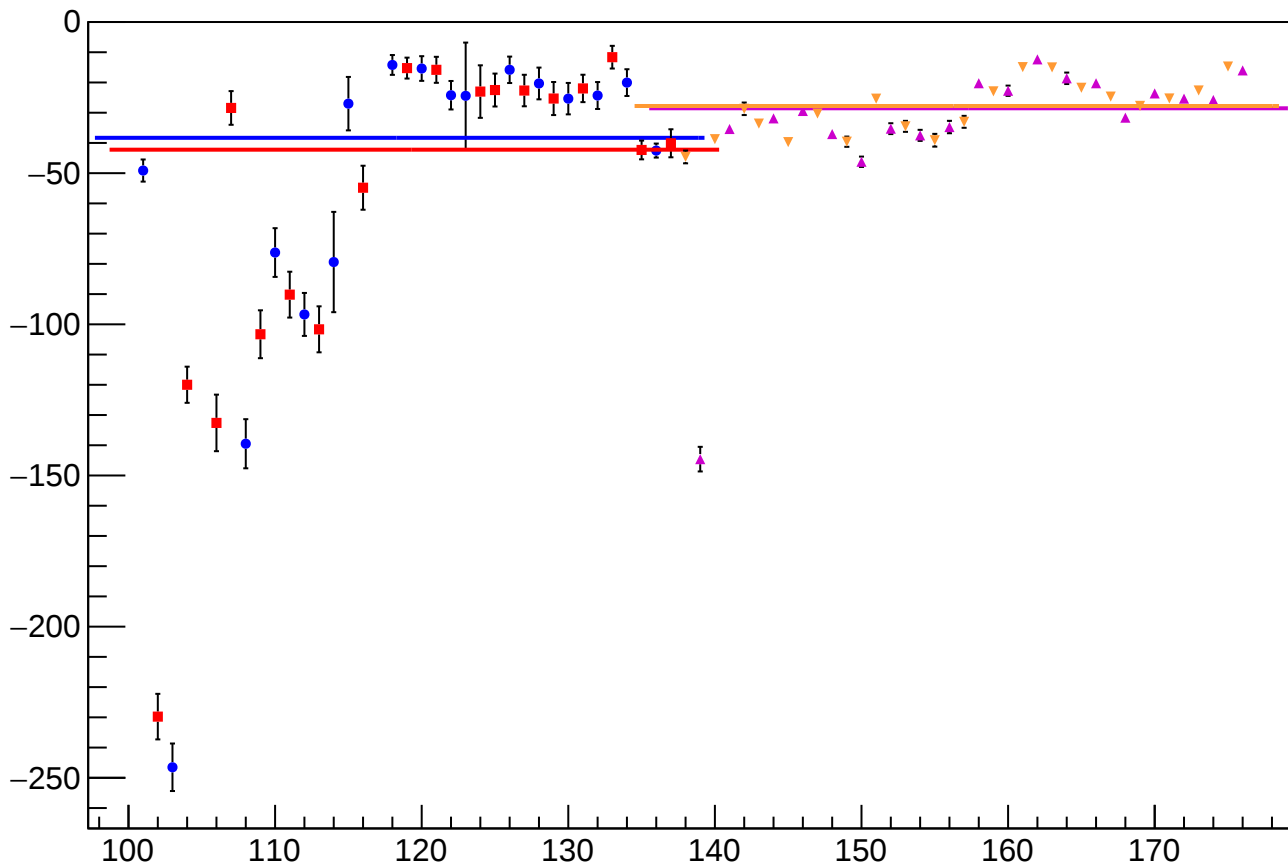
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.779+/-0.483 χ^2/NDF : 479.6/18

Out: -41.438+/-0.485 χ^2/NDF : 456.1/19

All: -40.103+/-0.342 χ^2/NDF : 950.8/38

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -27.779 ± 0.364 $\chi^2/\text{NDF}: 555.1/19$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -28.539 ± 0.369 $\chi^2/\text{NDF}: 1336.5/18$

Left: -28.154 ± 0.259 $\chi^2/\text{NDF}: 1893.8/38$

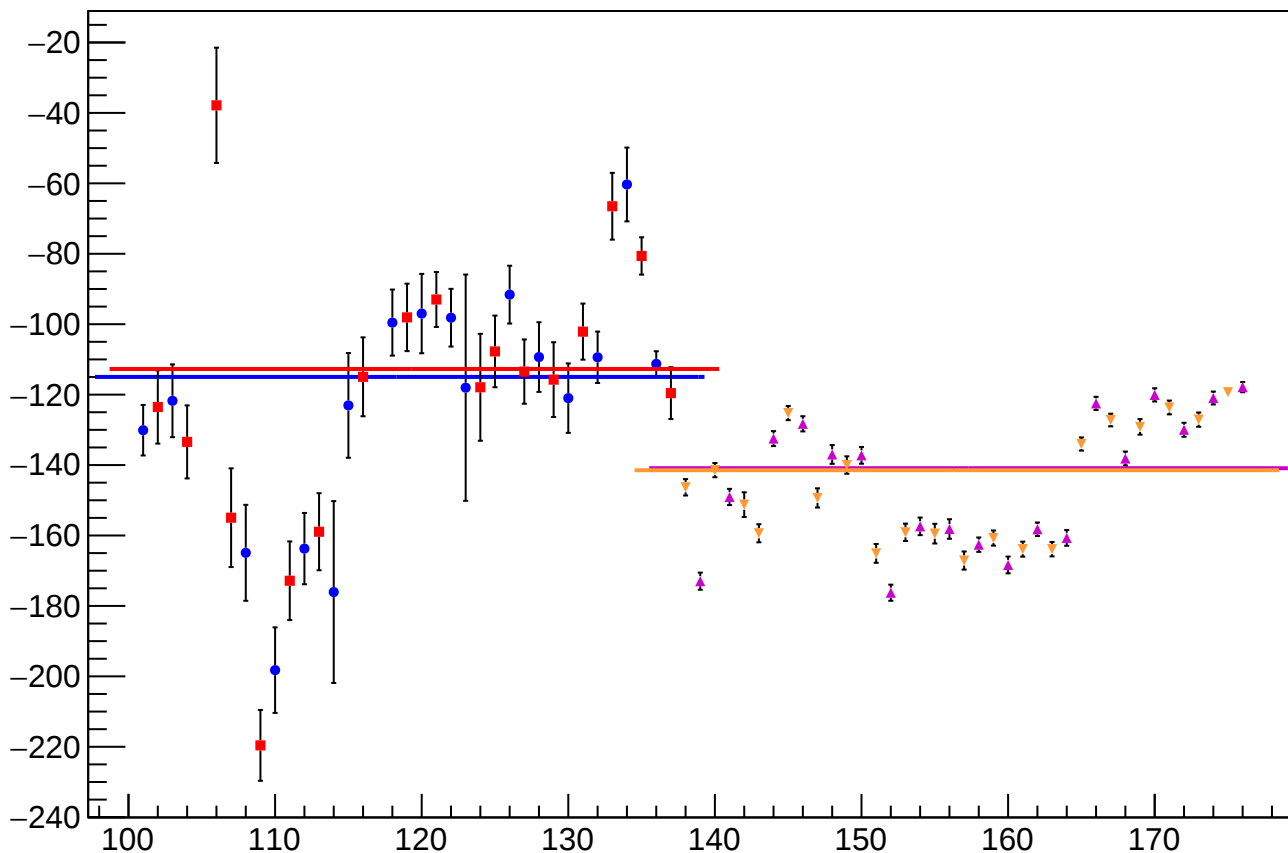
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -29.468 ± 0.351 $\chi^2/\text{NDF}: 2535.9/35$

Out: -28.980 ± 0.349 $\chi^2/\text{NDF}: 1964.2/37$

All: -29.222 ± 0.247 $\chi^2/\text{NDF}: 4501.0/73$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -141.469 ± 0.484 $\chi^2/\text{NDF}: 1200.3/19$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -140.895 ± 0.481 $\chi^2/\text{NDF}: 1591.2/18$

Left: -141.180 ± 0.341 $\chi^2/\text{NDF}: 2792.2/38$

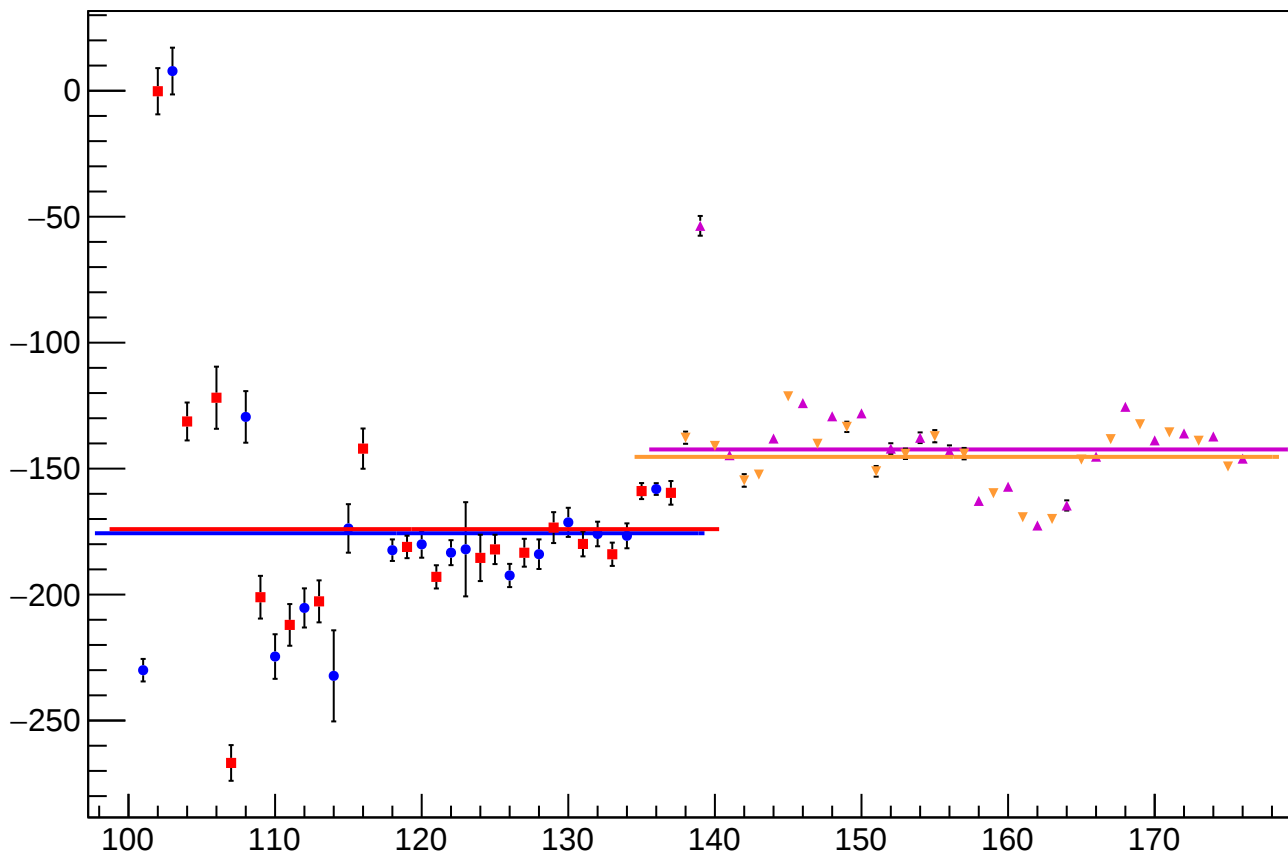
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -139.575 ± 0.468 $\chi^2/\text{NDF}: 1880.9/35$

Out: -140.151 ± 0.473 $\chi^2/\text{NDF}: 1628.9/37$

All: -139.860 ± 0.333 $\chi^2/\text{NDF}: 3510.5/73$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.336 ± 0.413 χ^2/NDF : 911.4/19

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.386 ± 0.417 χ^2/NDF : 1531.6/18

Left: -143.876 ± 0.294 χ^2/NDF : 2468.2/38

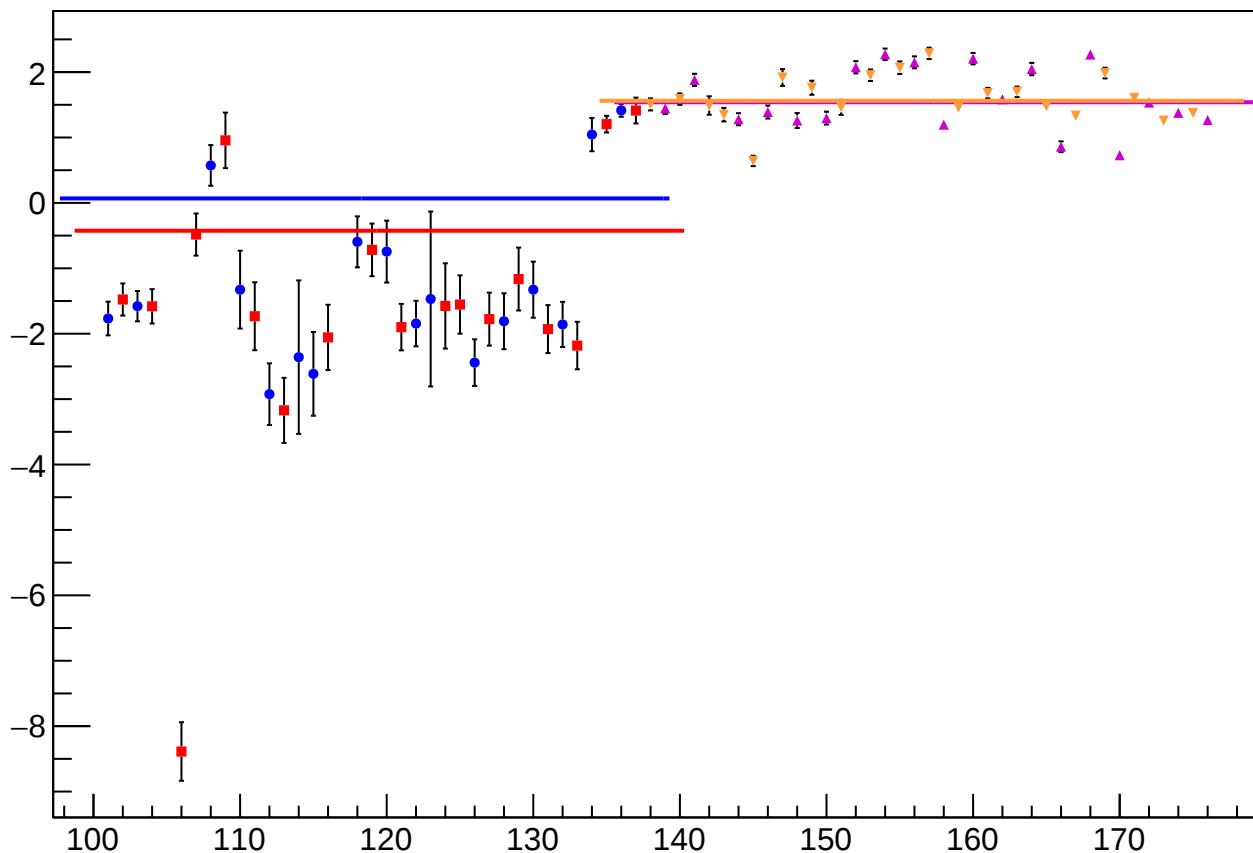
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -145.630 ± 0.396 χ^2/NDF : 2843.7/35

Out: -147.776 ± 0.395 χ^2/NDF : 2024.9/37

All: -146.706 ± 0.280 χ^2/NDF : 4883.3/73

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.562 ± 0.019 χ^2/NDF : 338.0/19

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.539 ± 0.019 χ^2/NDF : 622.5/18

Left: 1.550 ± 0.013 χ^2/NDF : 961.2/38

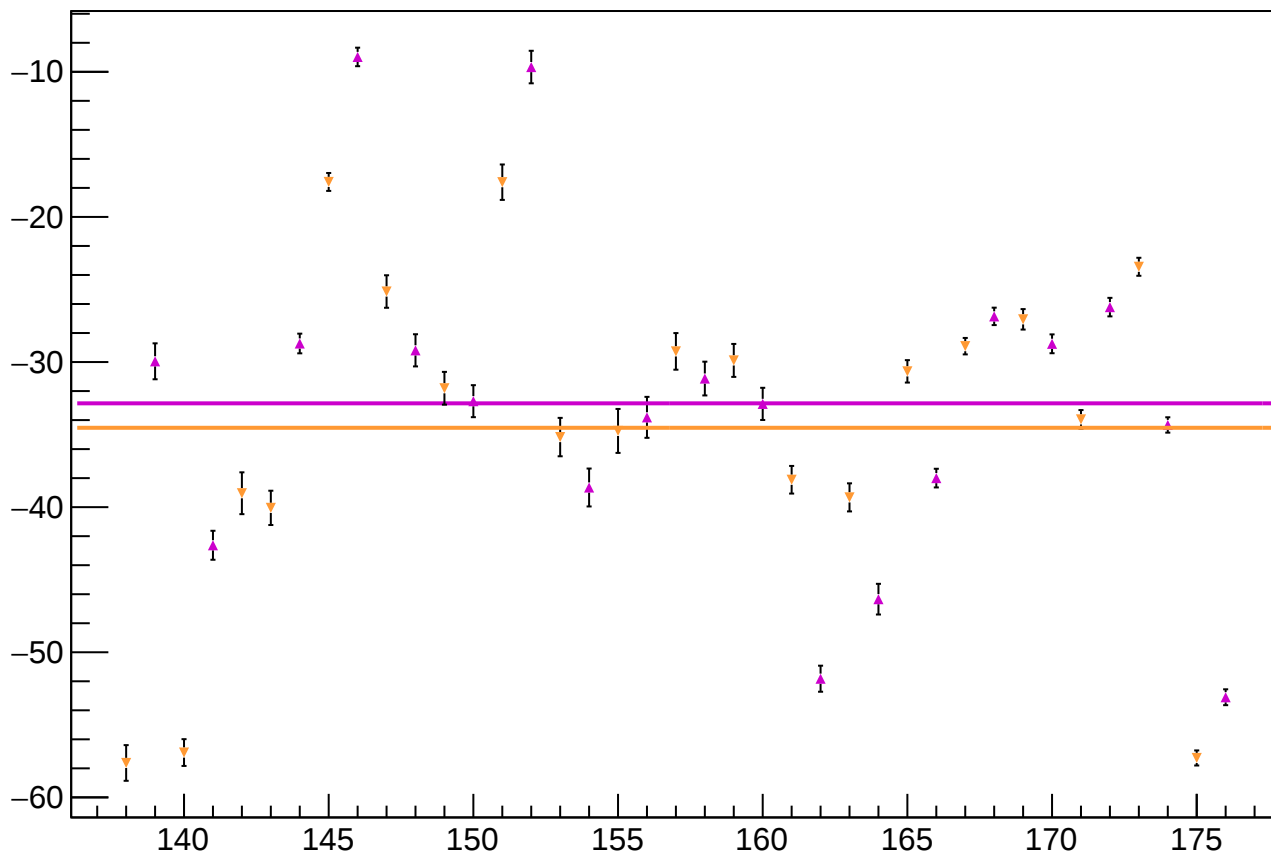
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.432 ± 0.018 χ^2/NDF : 1595.0/35

Out: 1.428 ± 0.018 χ^2/NDF : 1806.3/37

All: 1.430 ± 0.013 χ^2/NDF : 3401.3/73

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.530 $\pm$ 0.189 χ^2 /NDF:4545.9/19

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

Left In: -32.846 $\pm$ 0.181 χ^2 /NDF:4298.3/18

Left: -33.653 $\pm$ 0.131 χ^2 /NDF: 8885.7/38

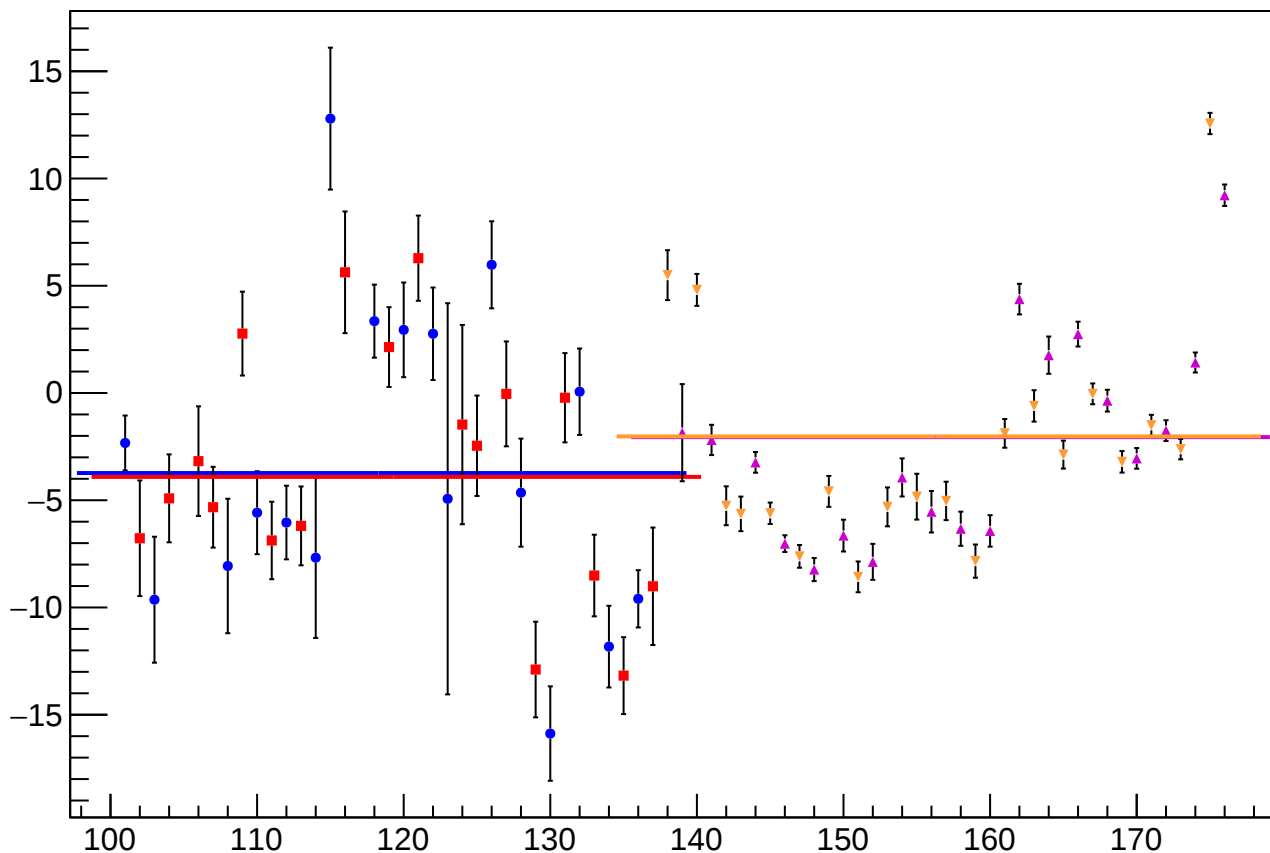
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -32.846 $\pm$ 0.181 χ^2 /NDF:4298.3/18

Out: -34.530 $\pm$ 0.189 χ^2 /NDF:4545.9/19

All: -33.653 $\pm$ 0.131 χ^2 /NDF: 8885.7/38

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -2.025 ± 0.143 χ^2/NDF : 1399.2/19

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -2.058 ± 0.138 χ^2/NDF : 1215.5/18

Left: -2.042 ± 0.099 χ^2/NDF : 2614.8/38

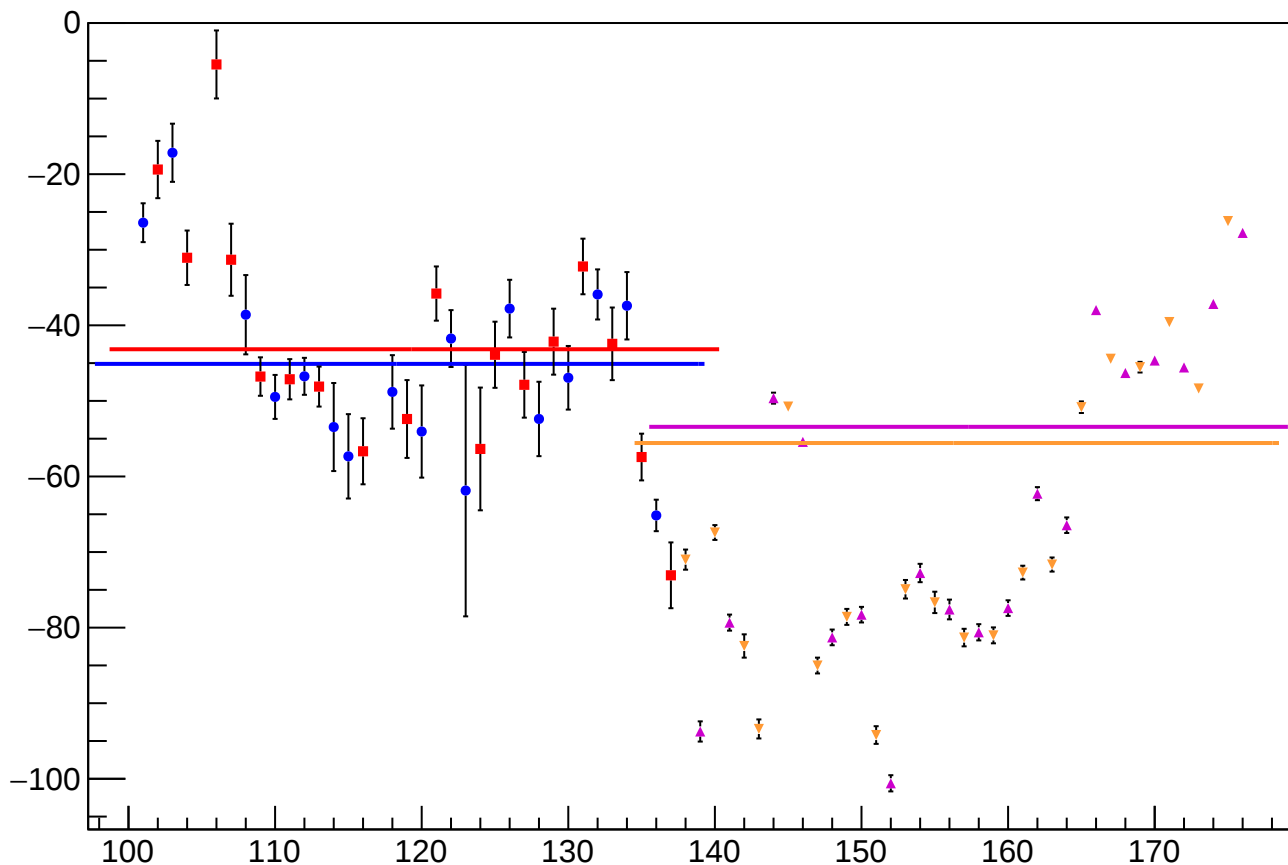
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -2.178 ± 0.133 χ^2/NDF : 1392.0/35

Out: -2.163 ± 0.137 χ^2/NDF : 1536.8/37

All: -2.171 ± 0.095 χ^2/NDF : 2928.8/73

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -55.572 ± 0.190 χ^2/NDF : 10621.9/19

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -53.430 ± 0.182 χ^2/NDF : 10884.6/18

Left: -54.456 ± 0.131 χ^2/NDF : 21573.0/38

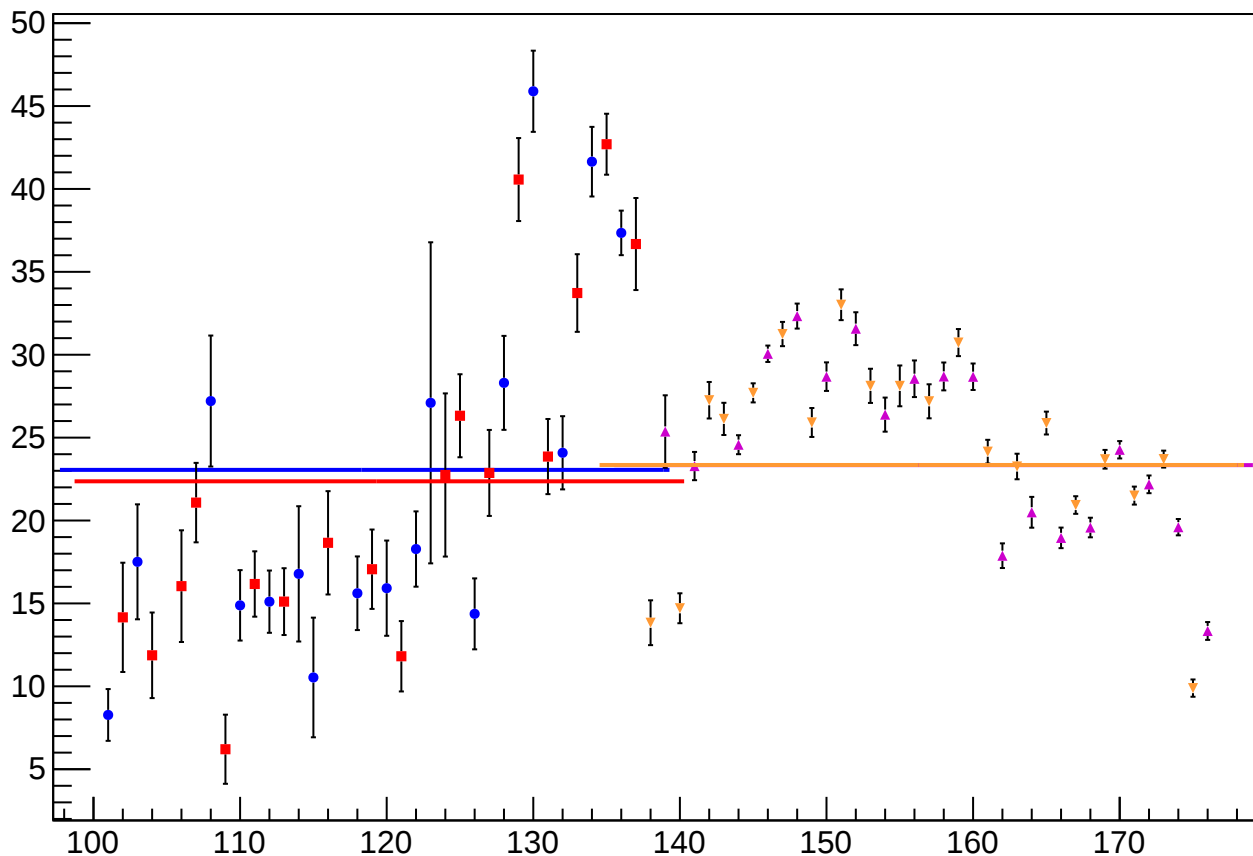
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -53.091 ± 0.178 χ^2/NDF : 11200.6/35

Out: -55.021 ± 0.185 χ^2/NDF : 11045.1/37

All: -54.017 ± 0.128 χ^2/NDF : 22302.1/73

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: 23.350 $\pm$ 0.161 χ^2 /NDF:1298.3/19

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 23.341 $\pm$ 0.157 χ^2 /NDF:1120.0/18

Left: 23.346 $\pm$ 0.112 χ^2 /NDF: 2418.3/38

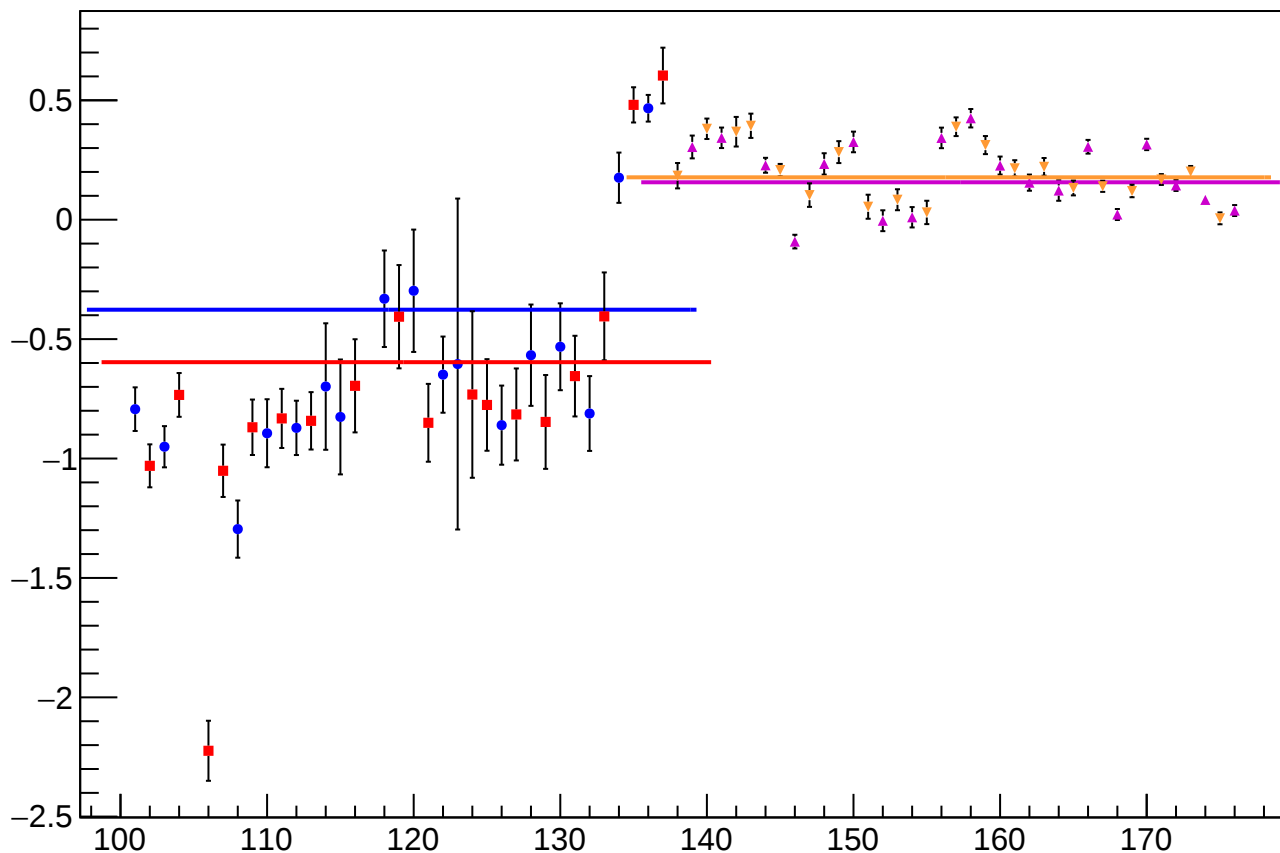
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.320 $\pm$ 0.151 χ^2 /NDF:1581.4/35

Out: 23.278 $\pm$ 0.155 χ^2 /NDF:1669.8/37

All: 23.300 $\pm$ 0.108 χ^2 /NDF: 3251.2/73

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.177 ± 0.007 χ^2/NDF : 181.7/19

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.157 ± 0.007 χ^2/NDF : 368.3/18

Left: 0.167 ± 0.005 χ^2/NDF : 554.0/38

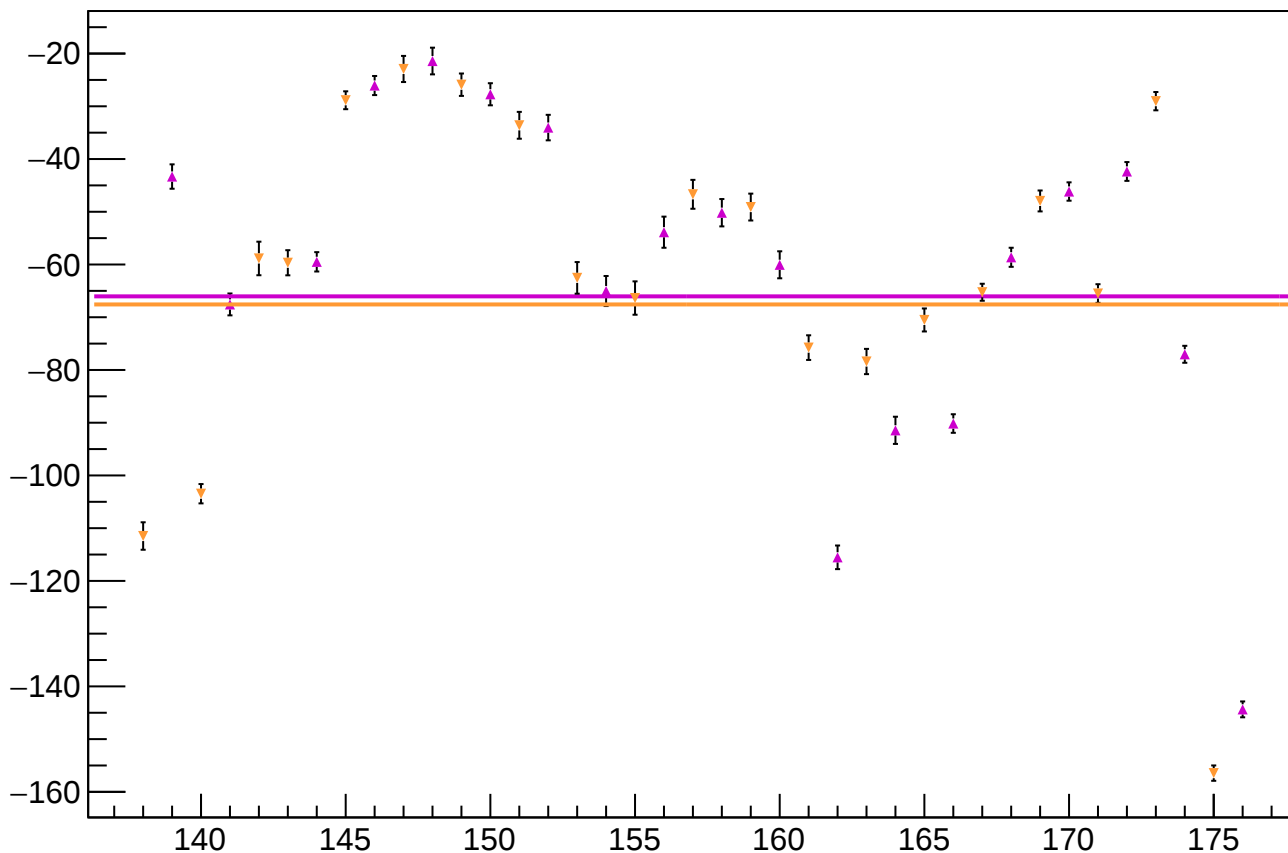
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.128 ± 0.007 χ^2/NDF : 1103.1/35

Out: 0.133 ± 0.007 χ^2/NDF : 1350.3/37

All: 0.130 ± 0.005 χ^2/NDF : 2453.6/73

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -67.574+/-0.475 χ^2/NDF : 6567.4/19

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

Left In: -66.041+/-0.468 χ^2/NDF : 5327.8/18

Left: -66.797+/-0.333 χ^2/NDF : 11900.5/38

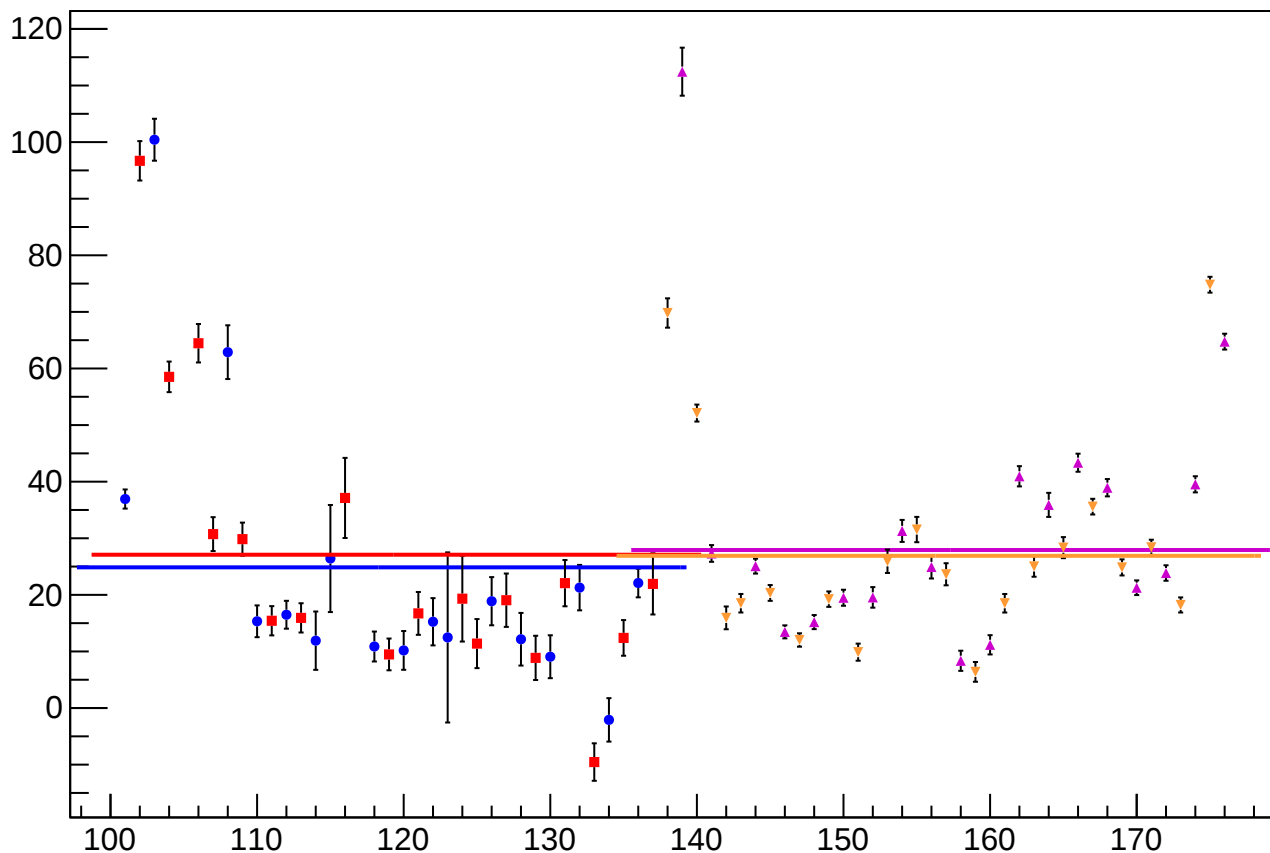
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -66.041+/-0.468 χ^2/NDF : 5327.8/18

Out: -67.574+/-0.475 χ^2/NDF : 6567.4/19

All: -66.797+/-0.333 χ^2/NDF : 11900.5/38

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 26.901 ± 0.353 χ^2/NDF : 2382.1/19

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 27.927 ± 0.355 χ^2/NDF : 1948.9/18

Left: 27.411 ± 0.250 χ^2/NDF : 4335.2/38

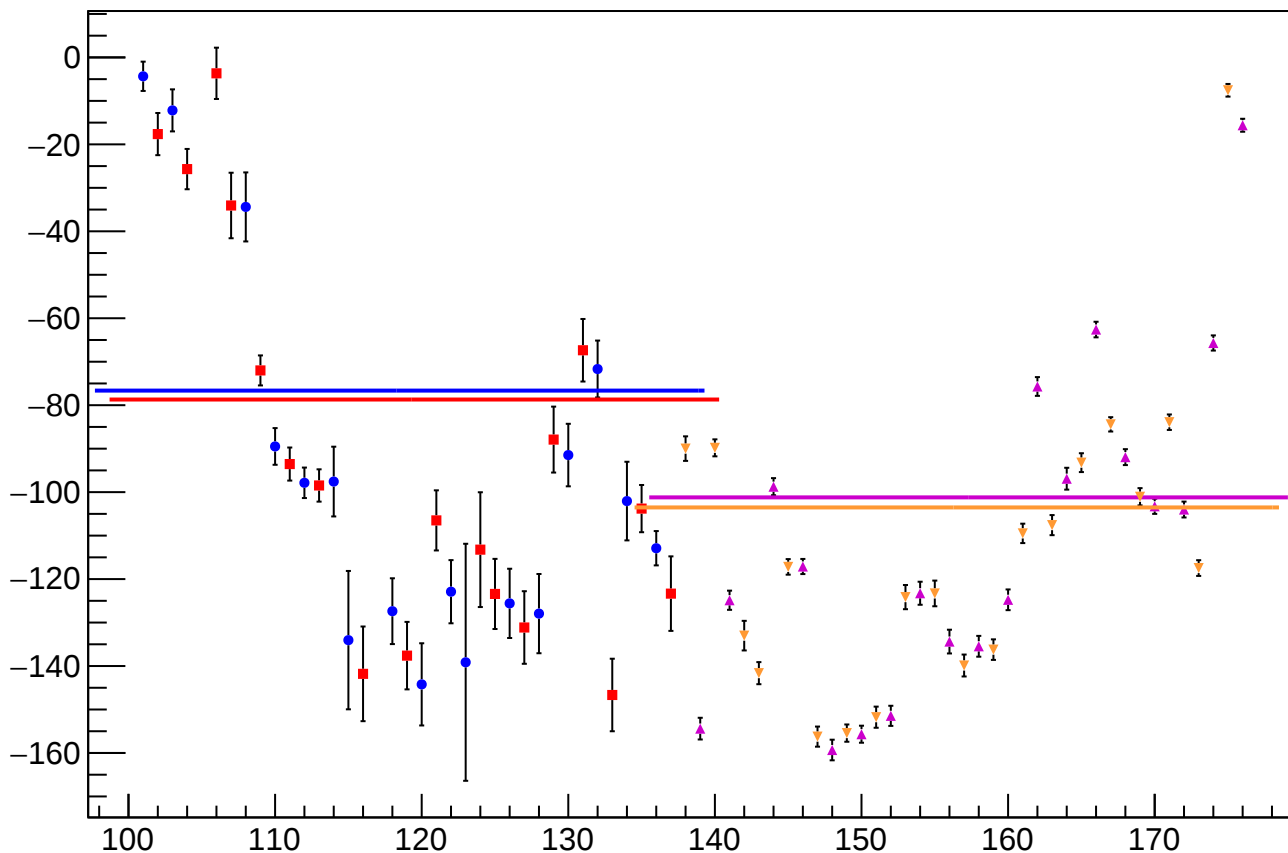
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 27.426 ± 0.324 χ^2/NDF : 2652.2/35

Out: 26.931 ± 0.323 χ^2/NDF : 3313.0/37

All: 27.178 ± 0.229 χ^2/NDF : 5966.4/73

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -103.519 ± 0.474 $\chi^2/\text{NDF}: 7219.5/19$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -101.206 ± 0.466 $\chi^2/\text{NDF}: 7366.7/18$

Left: -102.343 ± 0.333 $\chi^2/\text{NDF}: 14598.3/38$

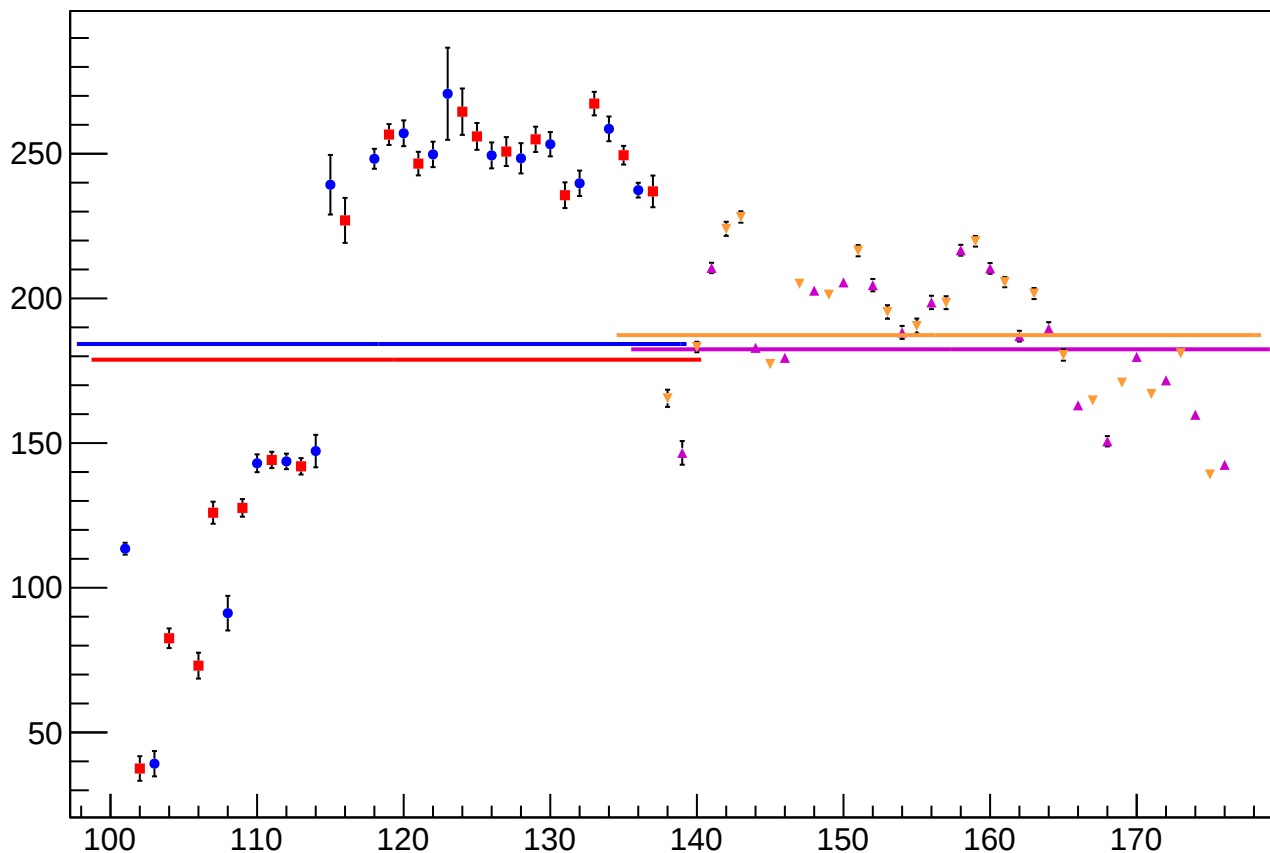
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -98.798 ± 0.443 $\chi^2/\text{NDF}: 8679.3/35$

Out: -100.827 ± 0.448 $\chi^2/\text{NDF}: 8353.0/37$

All: -99.802 ± 0.315 $\chi^2/\text{NDF}: 17042.7/73$

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: 187.315 $\pm$ 0.403 χ^2 /NDF:3309.5/19

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 182.413 $\pm$ 0.404 χ^2 /NDF:2840.9/18

Left: 184.869 $\pm$ 0.285 χ^2 /NDF: 6224.3/38

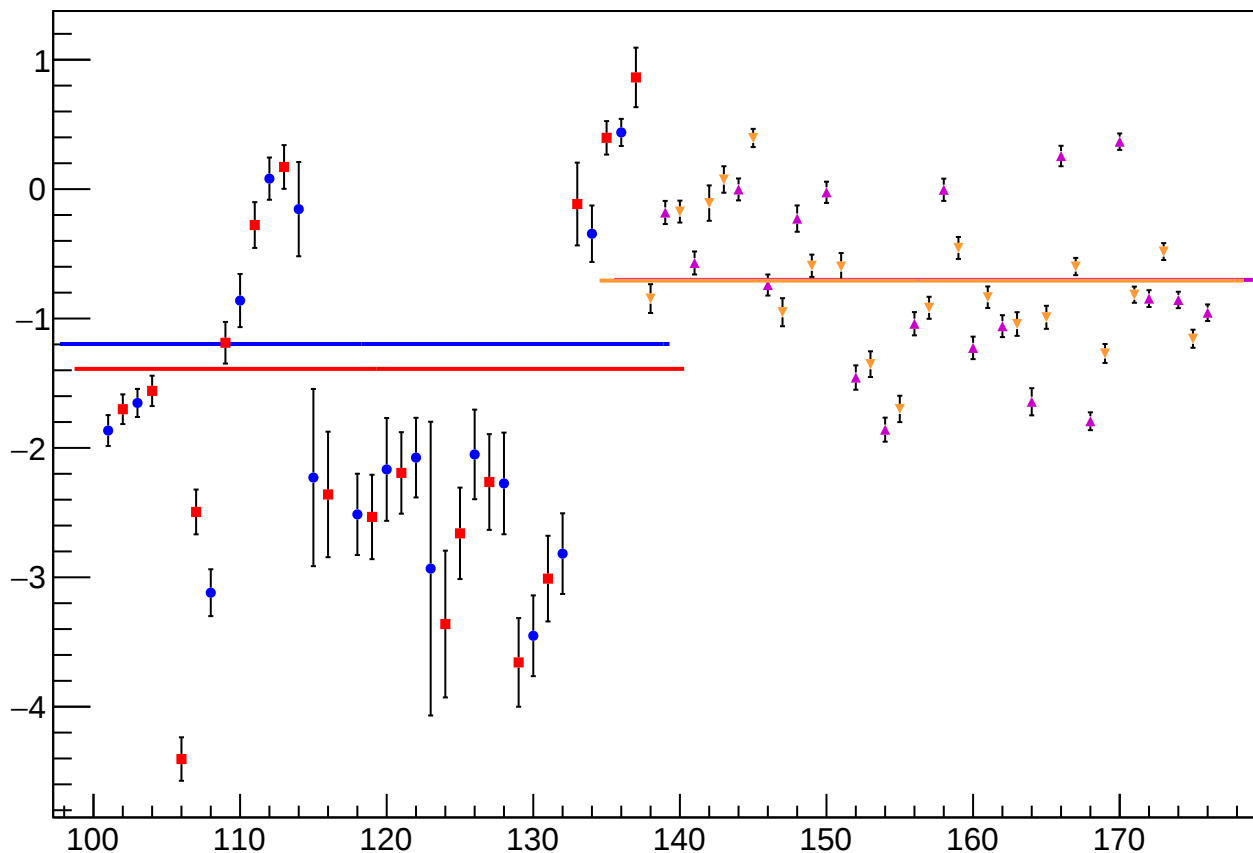
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 182.712 $\pm$ 0.369 χ^2 /NDF:8232.9/35

Out: 185.962 $\pm$ 0.369 χ^2 /NDF:9551.2/37

All: 184.337 $\pm$ 0.261 χ^2 /NDF: 17822.8/73

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.707 ± 0.019 χ^2/NDF : 668.1/19

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.701 ± 0.018 χ^2/NDF : 1335.4/18

Left: -0.704 ± 0.013 χ^2/NDF : 2003.6/38

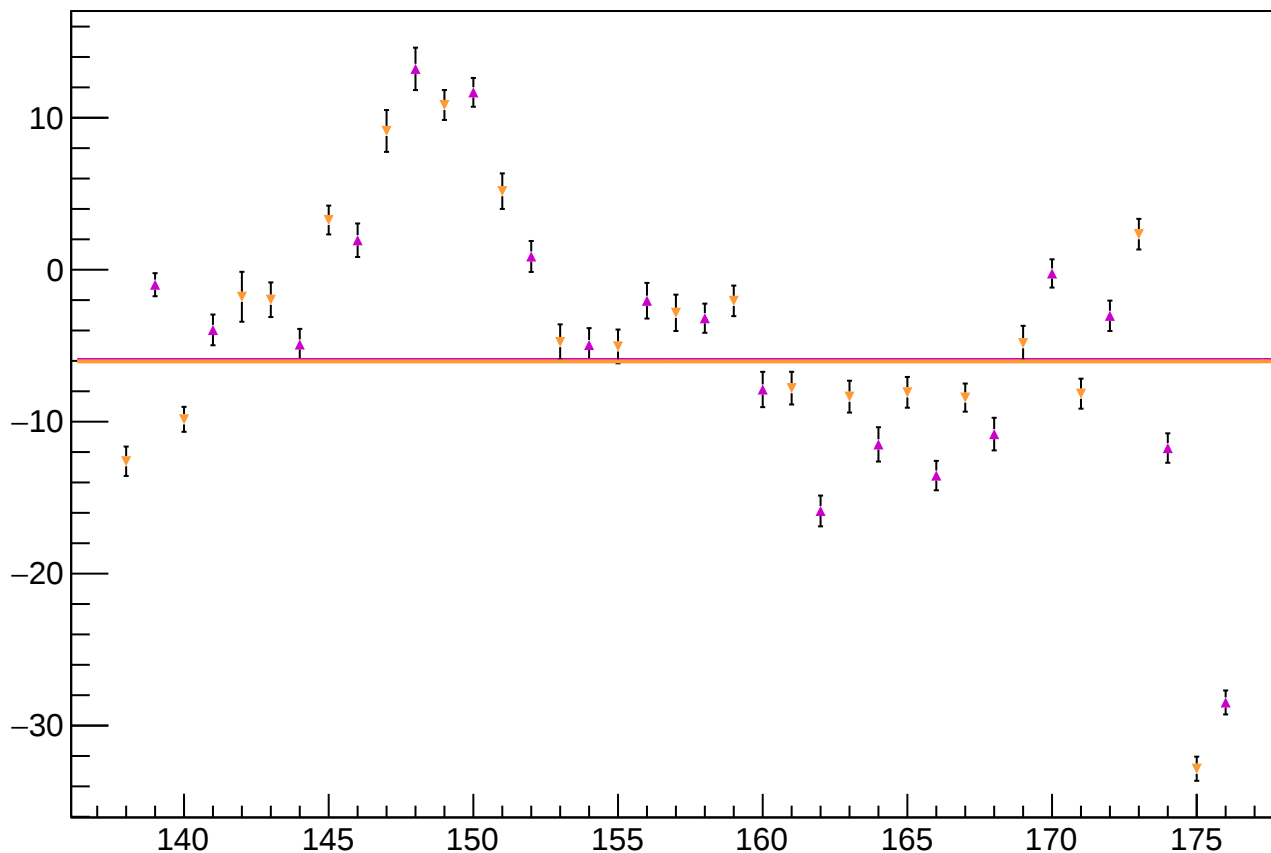
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.764 ± 0.017 χ^2/NDF : 2049.5/35

Out: -0.804 ± 0.017 χ^2/NDF : 1778.6/37

All: -0.784 ± 0.012 χ^2/NDF : 3830.7/73

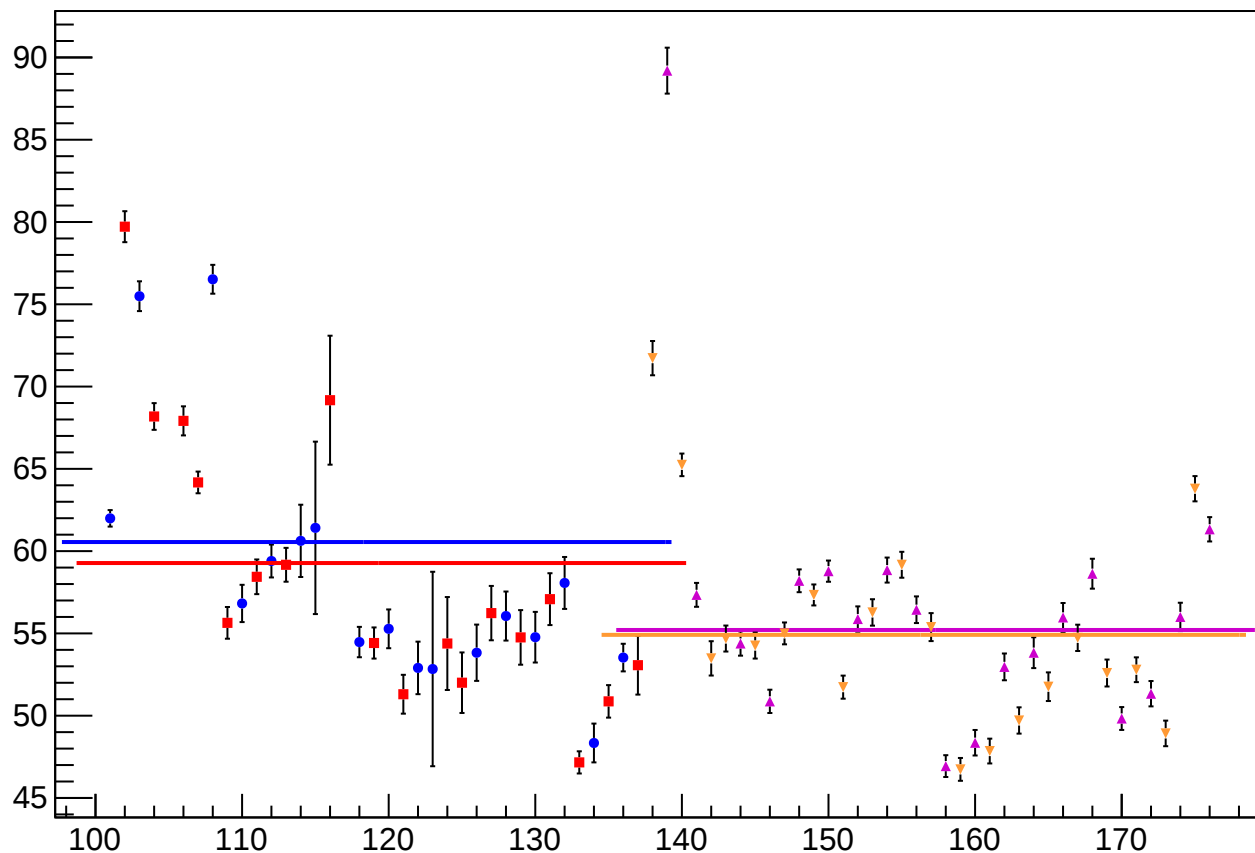
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.031 $\pm$ 0.232 χ^2 /NDF:1945.2/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.943 $\pm$ 0.230 χ^2 /NDF:1801.0/18

Left: -5.986 $\pm$ 0.163 χ^2 /NDF: 3746.3/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.943 $\pm$ 0.230 χ^2 /NDF:1801.0/18
 Out: -6.031 $\pm$ 0.232 χ^2 /NDF:1945.2/19
 All: -5.986 $\pm$ 0.163 χ^2 /NDF: 3746.3/38

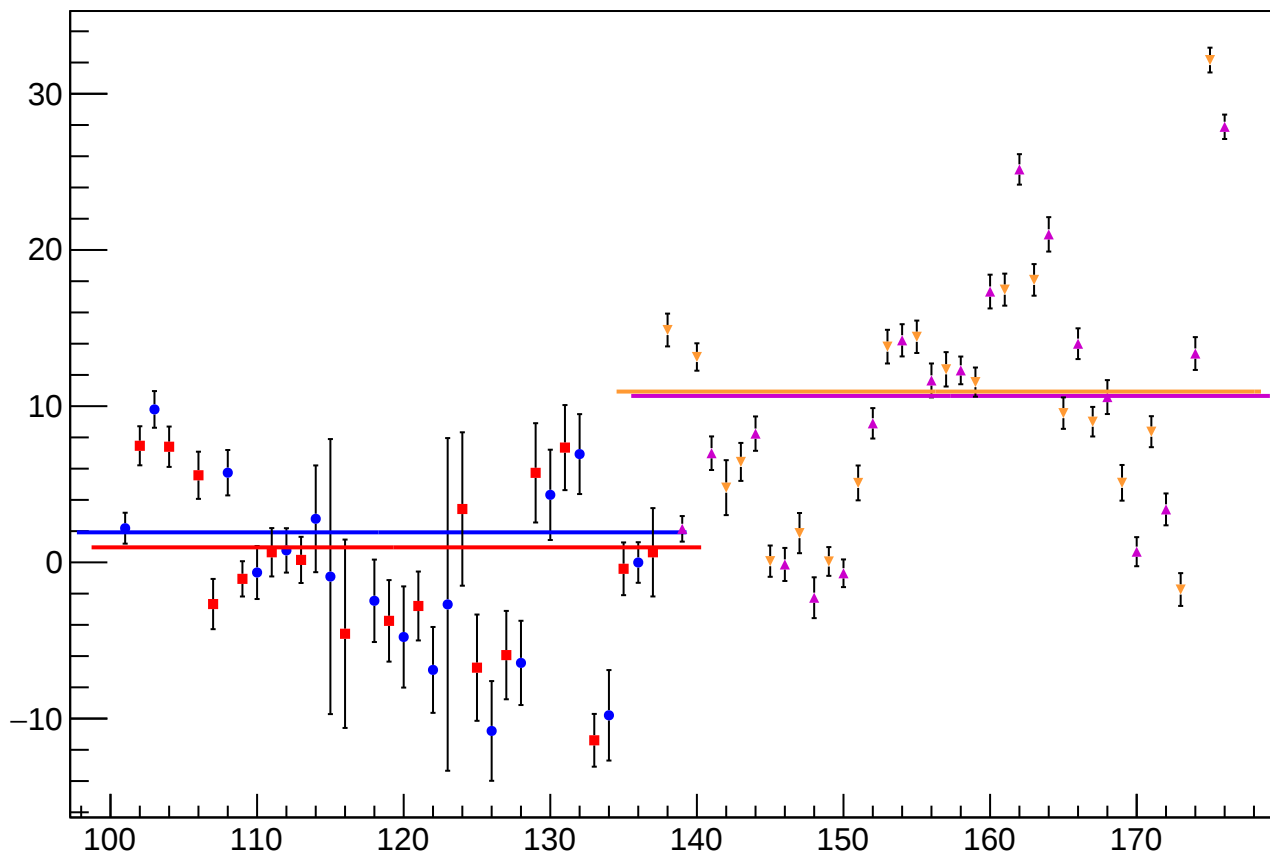
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$
 Left Out: 54.912 ± 0.173 $\chi^2/\text{NDF}: 1049.1/19$
 Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$
 Left In: 55.208 ± 0.178 $\chi^2/\text{NDF}: 1128.7/18$

Left: 55.056 ± 0.124 $\chi^2/\text{NDF}: 2179.2/38$
 Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$
 In: 56.892 ± 0.147 $\chi^2/\text{NDF}: 2345.0/35$
 Out: 56.335 ± 0.142 $\chi^2/\text{NDF}: 2531.1/37$
 All: 56.604 ± 0.102 $\chi^2/\text{NDF}: 4883.6/73$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 10.935 ± 0.230 χ^2/NDF : 1391.6/19

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 10.656 ± 0.228 χ^2/NDF : 1527.3/18

Left: 10.794 ± 0.162 χ^2/NDF : 2919.6/38

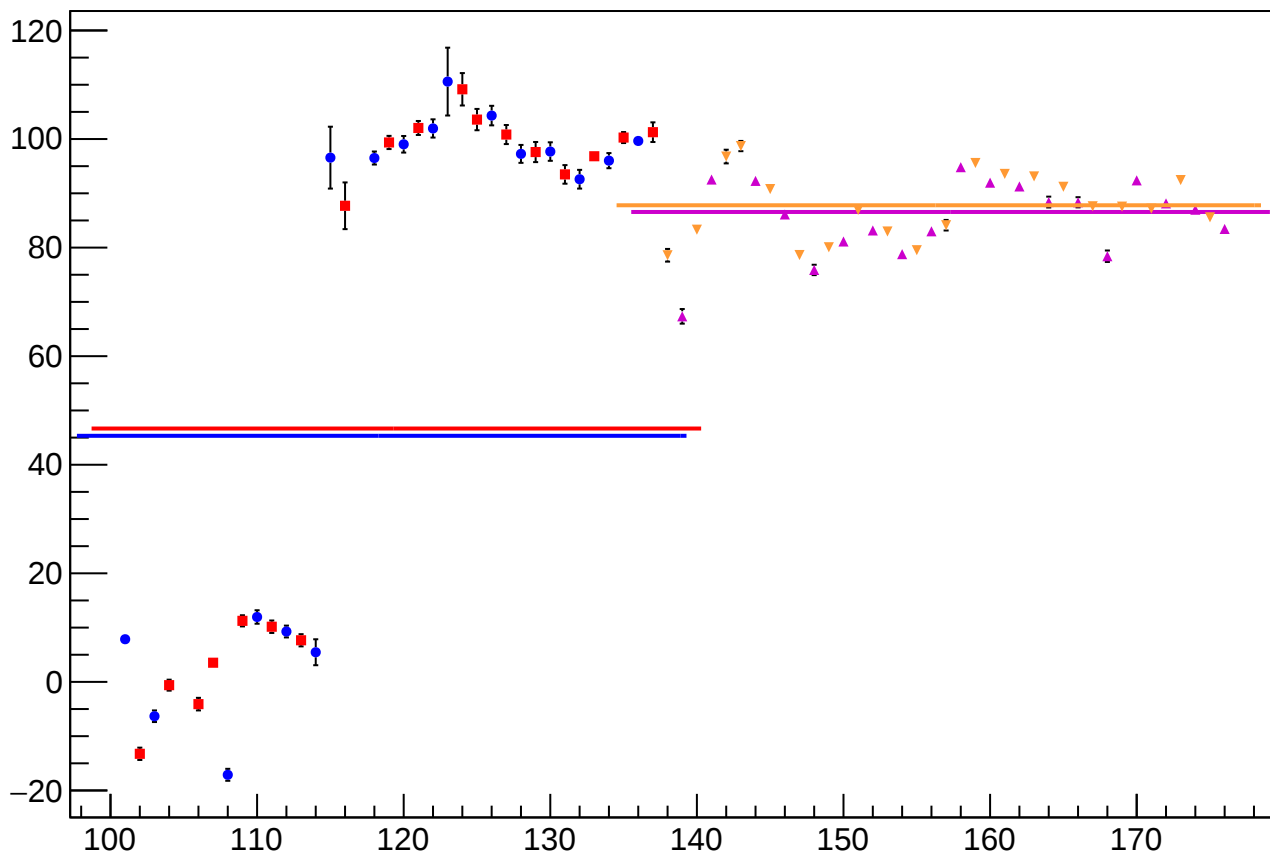
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 8.929 ± 0.204 χ^2/NDF : 1939.7/35

Out: 8.710 ± 0.203 χ^2/NDF : 1960.3/37

All: 8.819 ± 0.144 χ^2/NDF : 3900.5/73

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: 87.798 $\pm$ 0.197 χ^2 /NDF:876.7/19

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.563 $\pm$ 0.200 χ^2 /NDF:937.0/18

Left: 87.191 $\pm$ 0.140 χ^2 /NDF: 1833.0/38

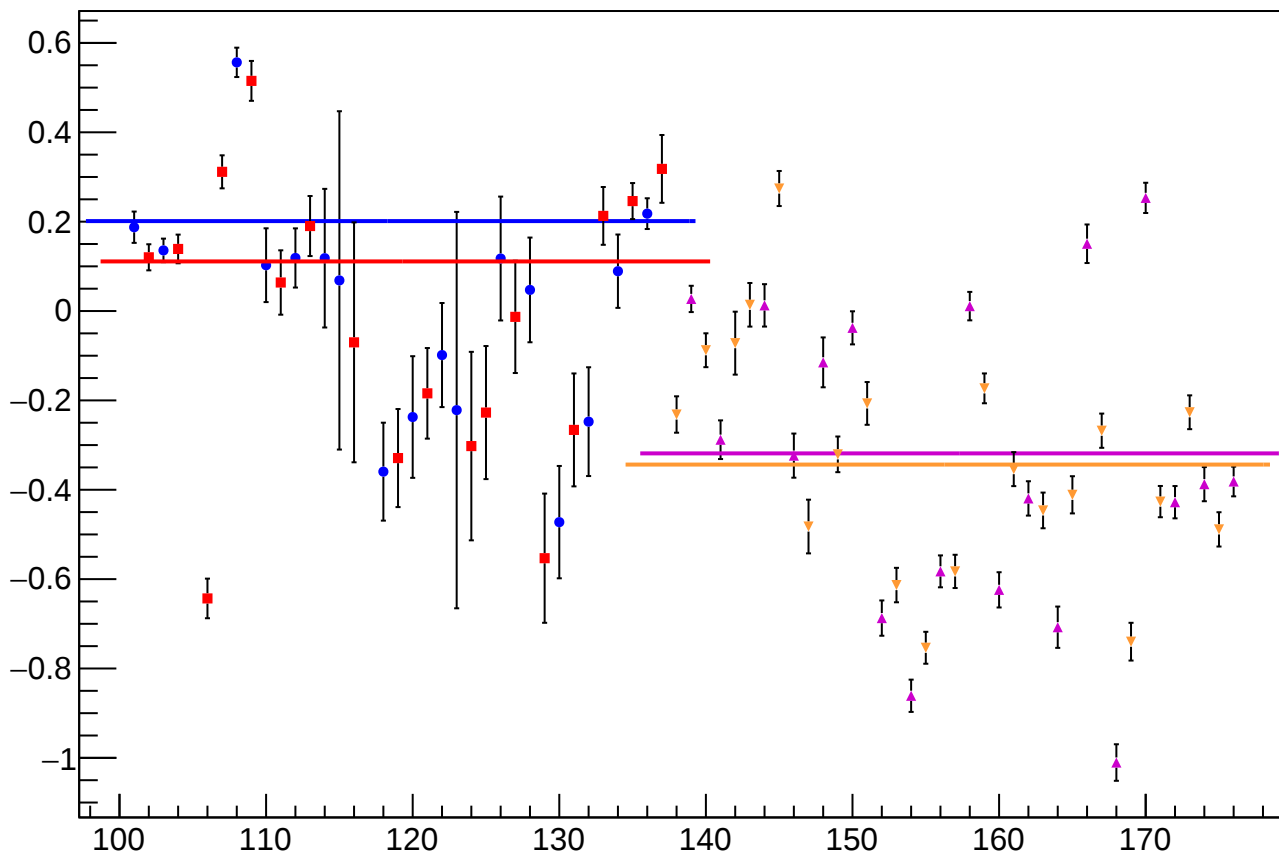
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 74.069 $\pm$ 0.167 χ^2 /NDF:38799.6/35

Out: 74.864 $\pm$ 0.163 χ^2 /NDF:42486.5/37

All: 74.476 $\pm$ 0.117 χ^2 /NDF: 81297.7/73

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.344 ± 0.009 χ^2/NDF : 762.1/19

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.319 ± 0.009 χ^2/NDF : 1576.4/18

Left: -0.331 ± 0.006 χ^2/NDF : 2342.4/38

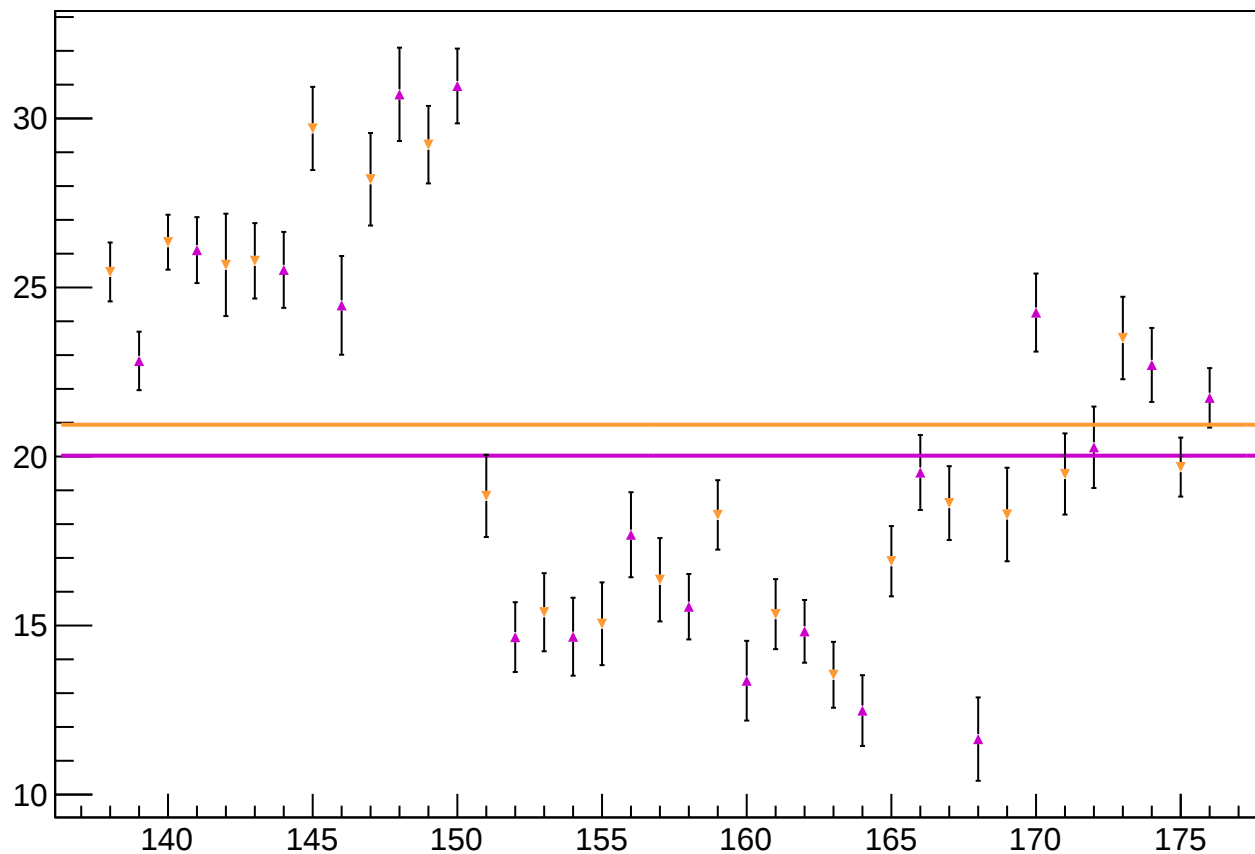
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.172 ± 0.007 χ^2/NDF : 2778.0/35

Out: -0.199 ± 0.007 χ^2/NDF : 2063.3/37

All: -0.185 ± 0.005 χ^2/NDF : 4847.7/73

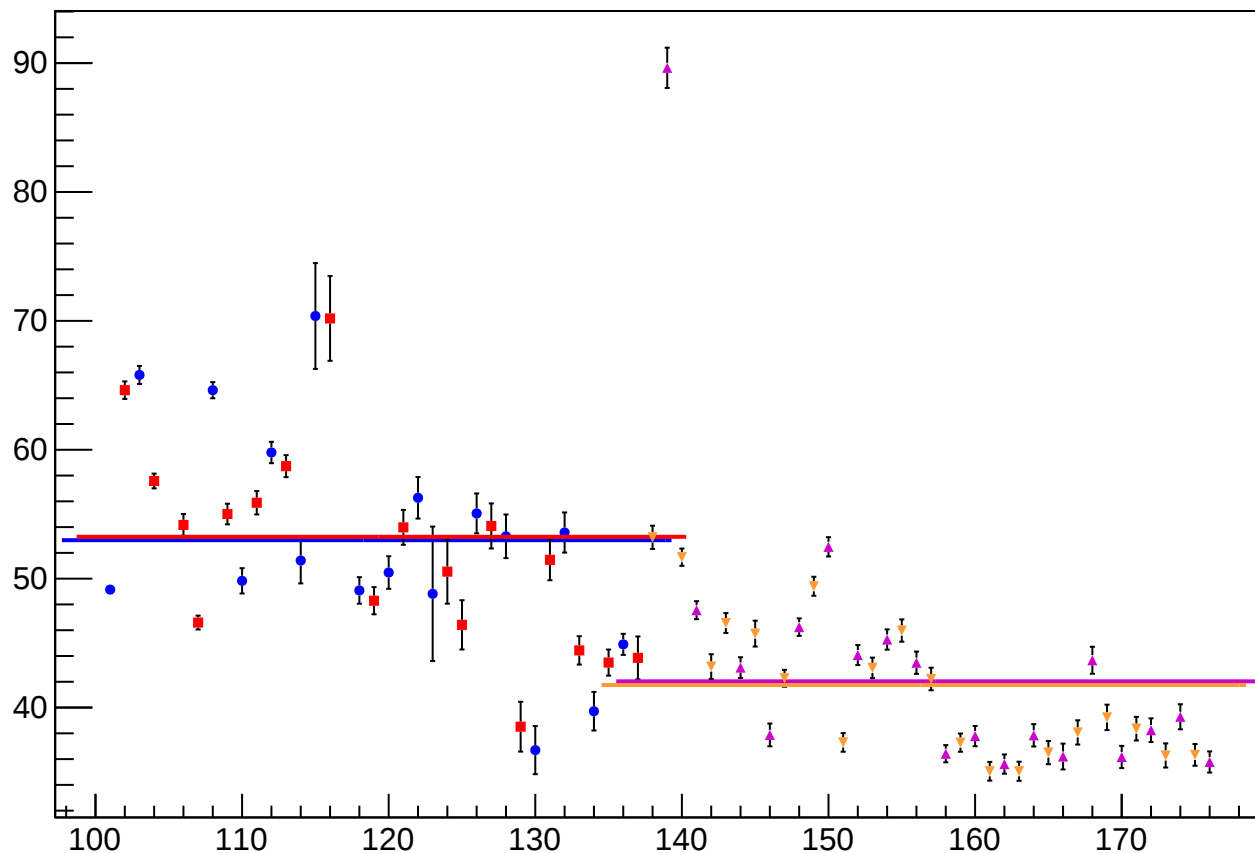
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 20.941 ± 0.245 $\chi^2/\text{NDF}: 418.8/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 20.025 ± 0.248 $\chi^2/\text{NDF}: 498.4/18$

Left: 20.489 ± 0.174 $\chi^2/\text{NDF}: 924.1/38$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 20.025 ± 0.248 $\chi^2/\text{NDF}: 498.4/18$
 Out: 20.941 ± 0.245 $\chi^2/\text{NDF}: 418.8/19$
 All: 20.489 ± 0.174 $\chi^2/\text{NDF}: 924.1/38$

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: 41.749 $\pm$ 0.181 χ^2 /NDF: 961.1/19

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 42.033 $\pm$ 0.190 χ^2 /NDF: 1636.3/18

Left: 41.885 $\pm$ 0.131 χ^2 /NDF: 2598.5/38

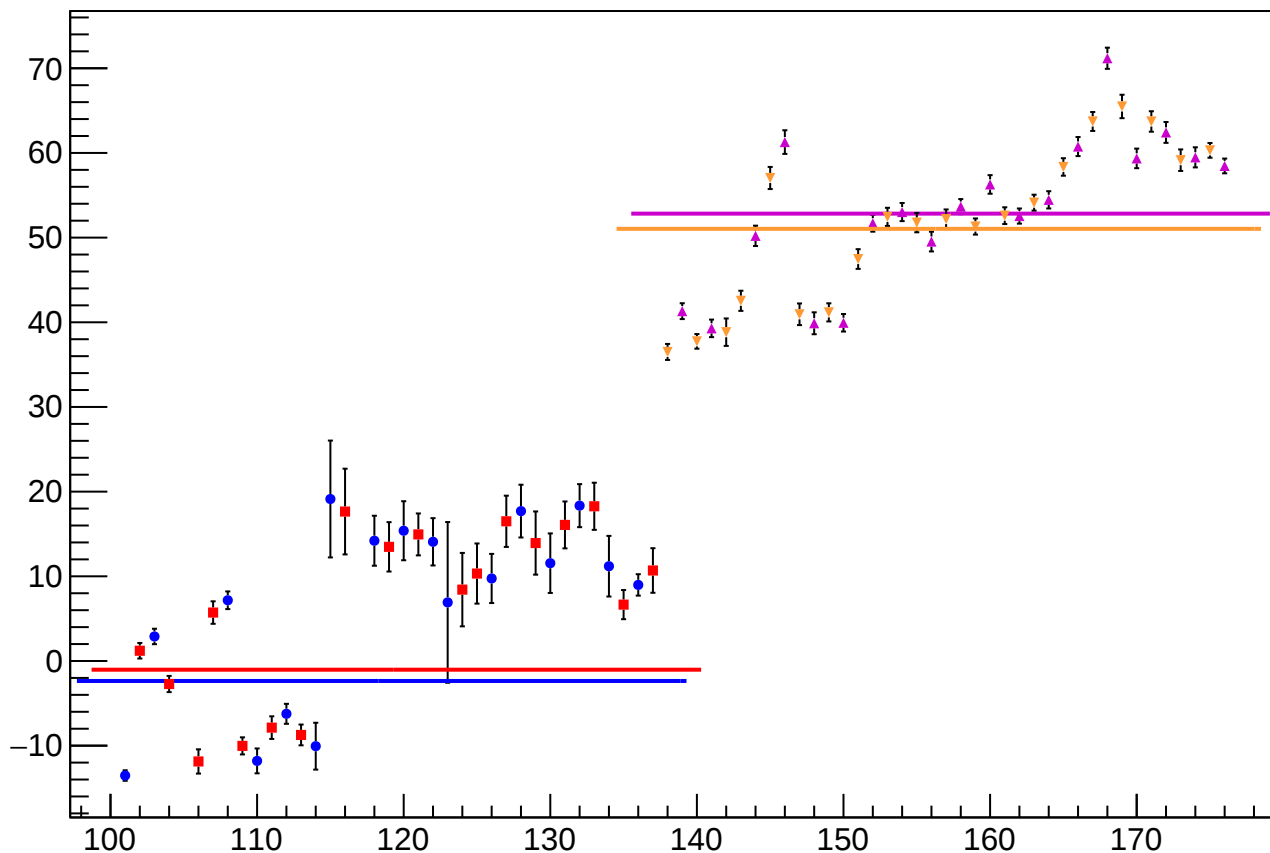
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.943 $\pm$ 0.141 χ^2 /NDF: 4330.3/35

Out: 46.224 $\pm$ 0.142 χ^2 /NDF: 3379.8/37

All: 46.586 $\pm$ 0.100 χ^2 /NDF: 7723.0/73

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.037 ± 0.243 χ^2/NDF : 1326.8/19

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 52.833 ± 0.245 χ^2/NDF : 1072.7/18

Left: 51.927 ± 0.173 χ^2/NDF : 2426.6/38

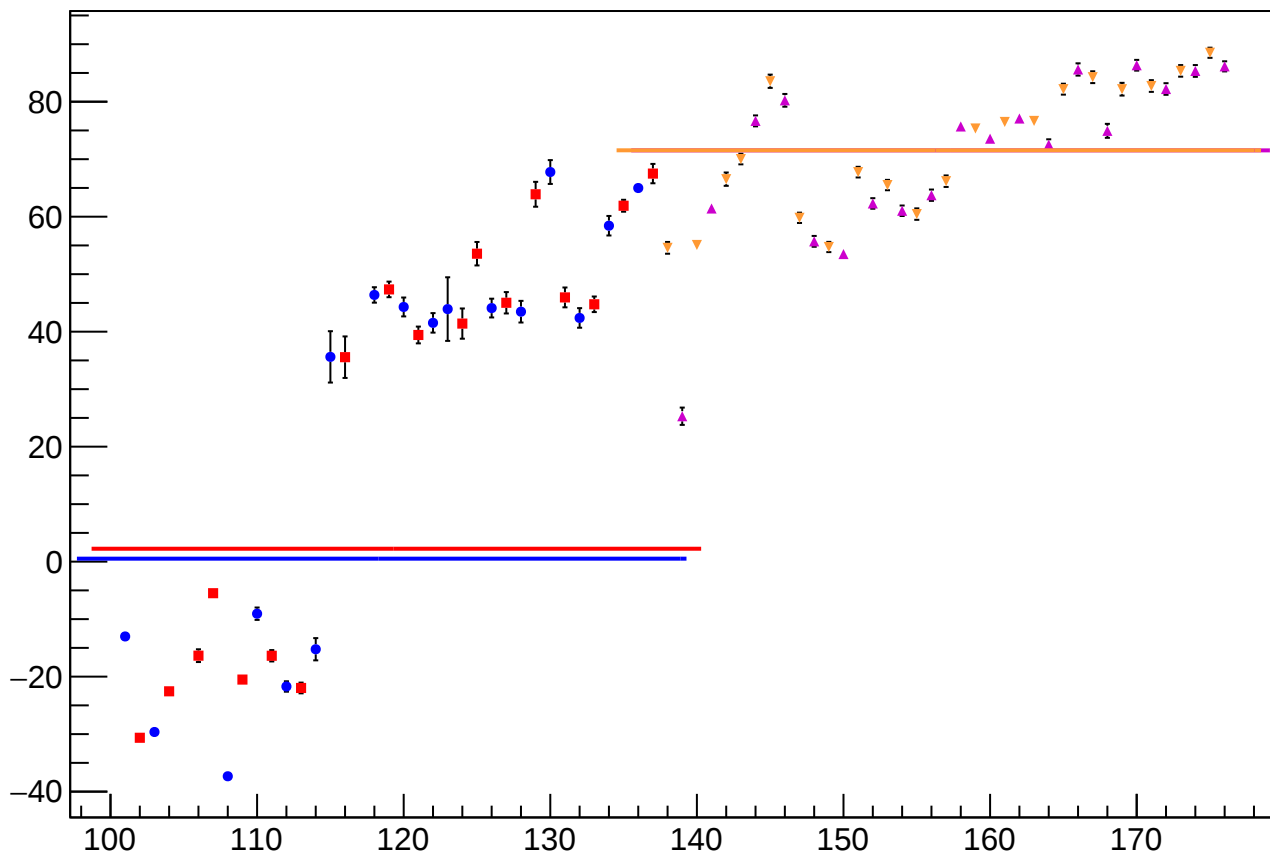
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 35.592 ± 0.204 χ^2/NDF : 17708.3/35

Out: 35.921 ± 0.205 χ^2/NDF : 15139.2/37

All: 35.756 ± 0.144 χ^2/NDF : 32848.8/73

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 71.545+/-0.207 χ^2/NDF : 2718.0/19

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 71.534+/-0.214 χ^2/NDF : 3284.1/18

Left: 71.540+/-0.149 χ^2/NDF : 6002.1/38

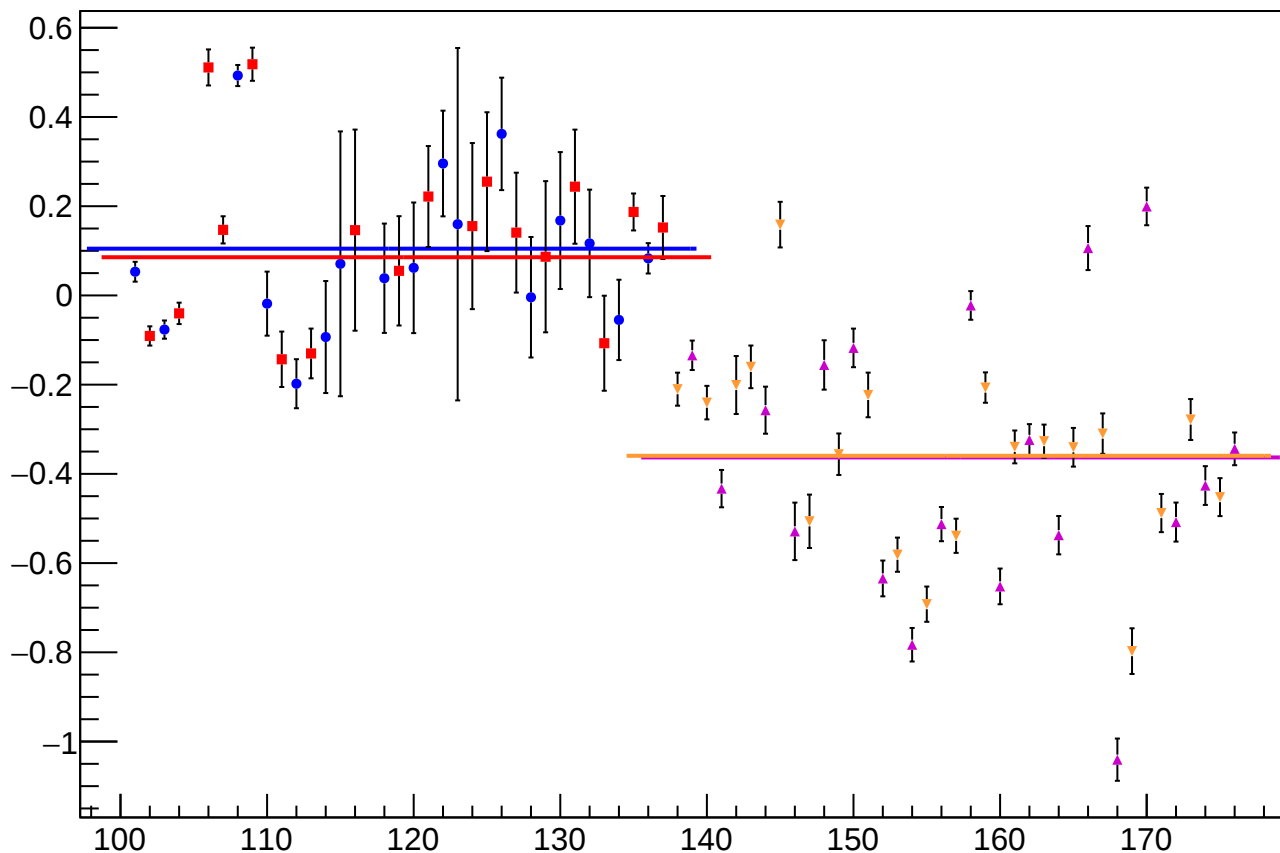
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 41.050+/-0.162 χ^2/NDF : 68878.8/35

Out: 45.530+/-0.164 χ^2/NDF : 60043.8/37

All: 43.262+/-0.115 χ^2/NDF : 129301.1/73

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.011 χ^2 /NDF: 400.8/16

Left Out: -0.359 $\pm$ 0.010 χ^2 /NDF:404.7/19

Right Out: 0.086 $\pm$ 0.011 χ^2 /NDF: 388.3/17

Left In: -0.363 $\pm$ 0.009 χ^2 /NDF:962.6/18

Left: -0.361 $\pm$ 0.007 χ^2 /NDF: 1367.4/38

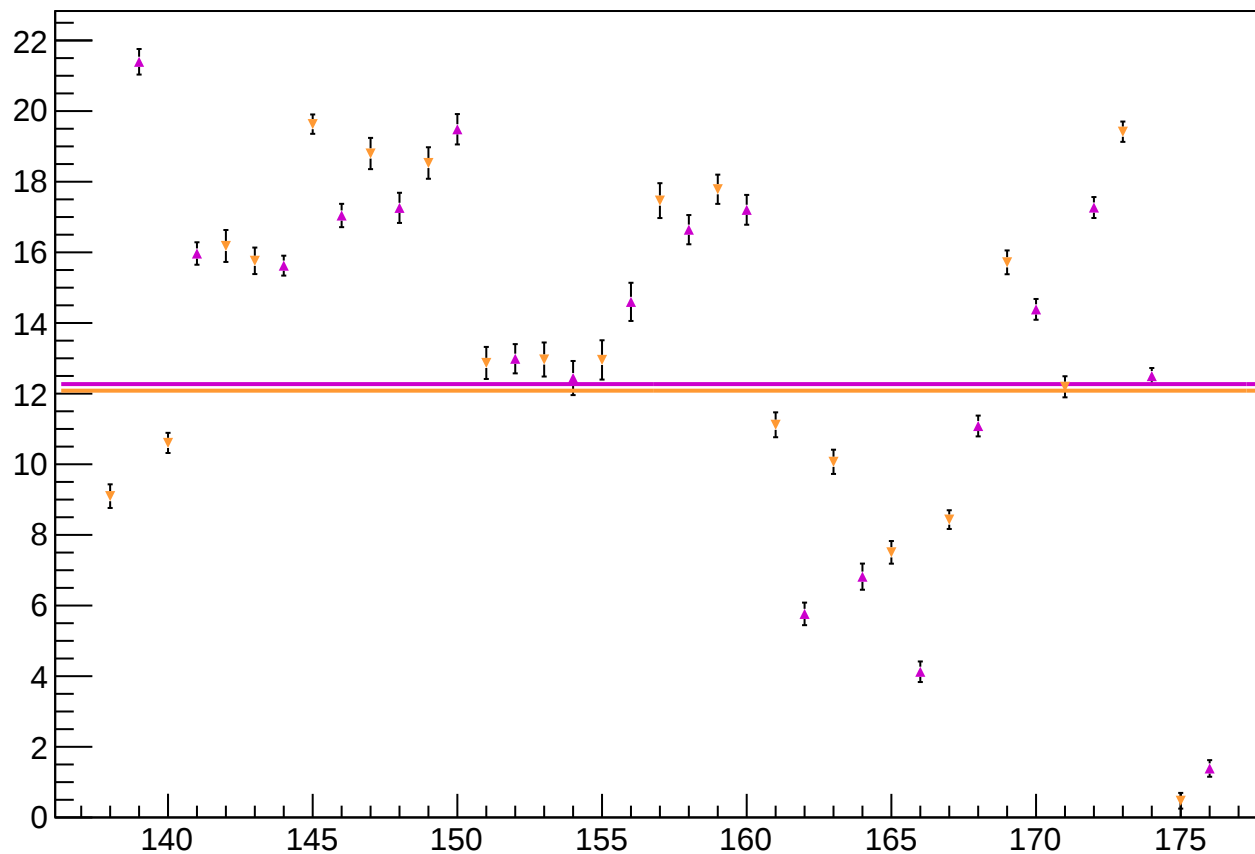
Right: 0.095 $\pm$ 0.008 χ^2 /NDF: 790.6/34

In: -0.164 $\pm$ 0.007 χ^2 /NDF:2397.6/35

Out: -0.170 $\pm$ 0.007 χ^2 /NDF:1717.3/37

All: -0.167 $\pm$ 0.005 χ^2 /NDF: 4115.2/73

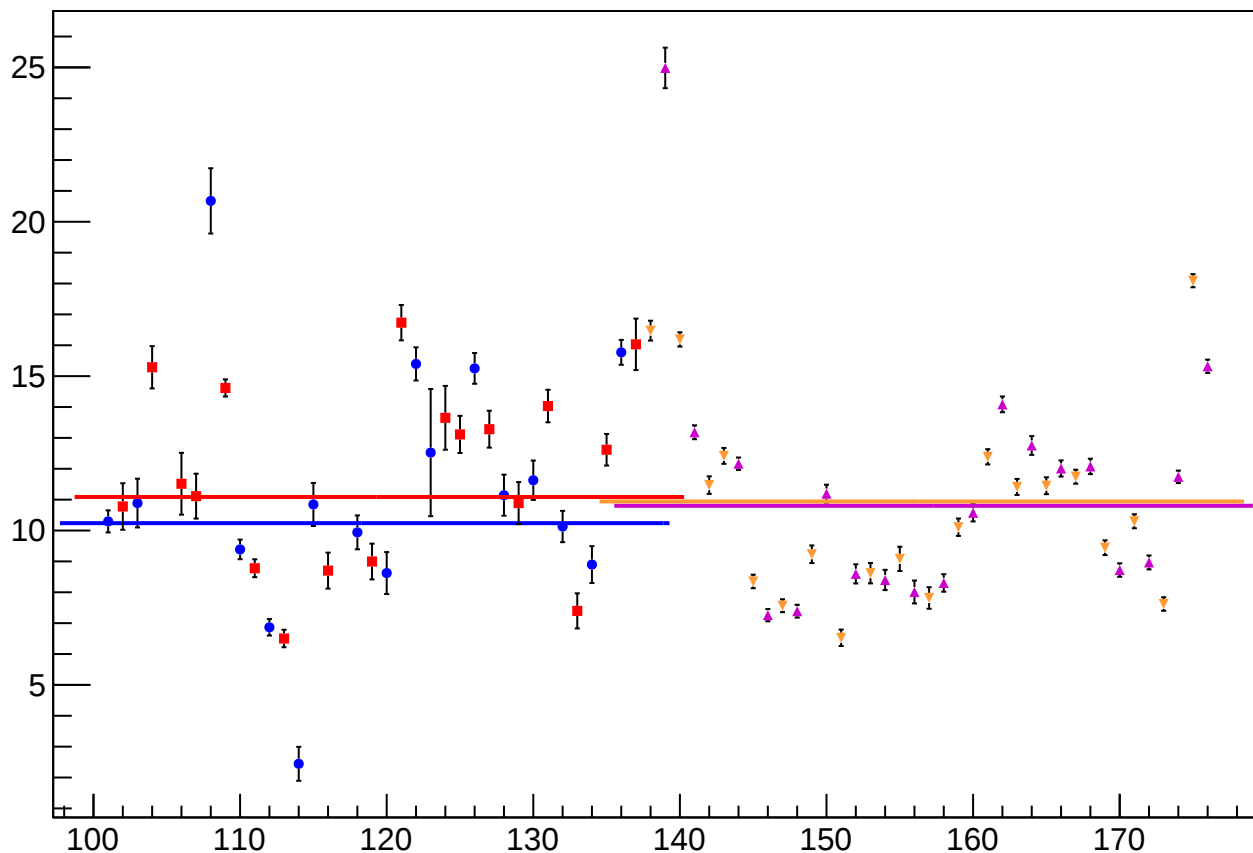
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 12.084+/-0.076 χ^2/NDF : 5728.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.270+/-0.075 χ^2/NDF : 5720.3/18

Left: 12.178+/-0.054 χ^2/NDF : 11451.4/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.270+/-0.075 χ^2/NDF : 5720.3/18
 Out: 12.084+/-0.076 χ^2/NDF : 5728.1/19
 All: 12.178+/-0.054 χ^2/NDF : 11451.4/38

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 10.941 ± 0.057 $\chi^2/\text{NDF}: 3174.9/19$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 10.802 ± 0.057 $\chi^2/\text{NDF}: 2324.0/18$

Left: 10.872 ± 0.041 $\chi^2/\text{NDF}: 5501.9/38$

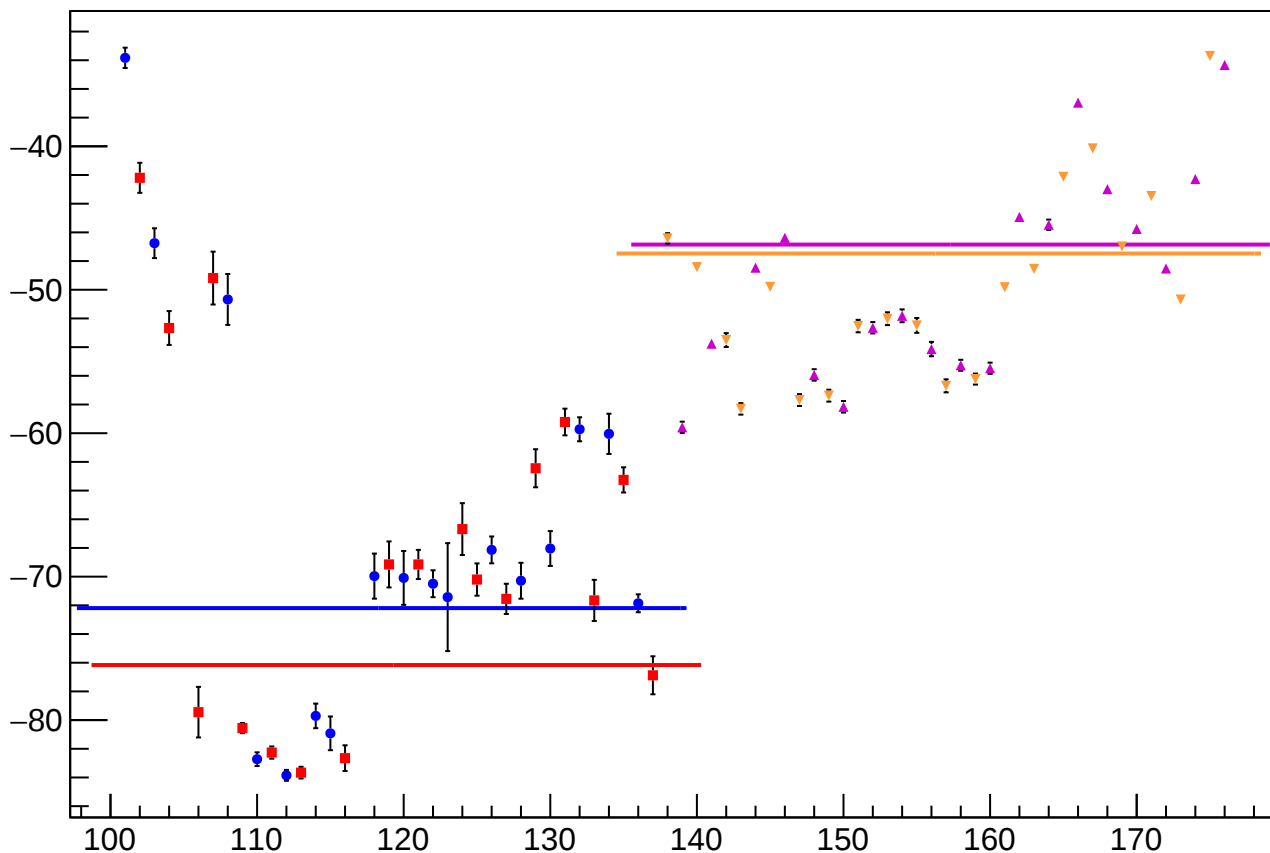
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 10.696 ± 0.052 $\chi^2/\text{NDF}: 3209.6/35$

Out: 10.969 ± 0.051 $\chi^2/\text{NDF}: 3977.2/37$

All: 10.834 ± 0.036 $\chi^2/\text{NDF}: 7200.9/73$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -47.475 ± 0.077 $\chi^2/\text{NDF}: 8587.3/19$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -46.851 ± 0.076 $\chi^2/\text{NDF}: 8940.6/18$

Left: -47.158 ± 0.054 $\chi^2/\text{NDF}: 17561.5/38$

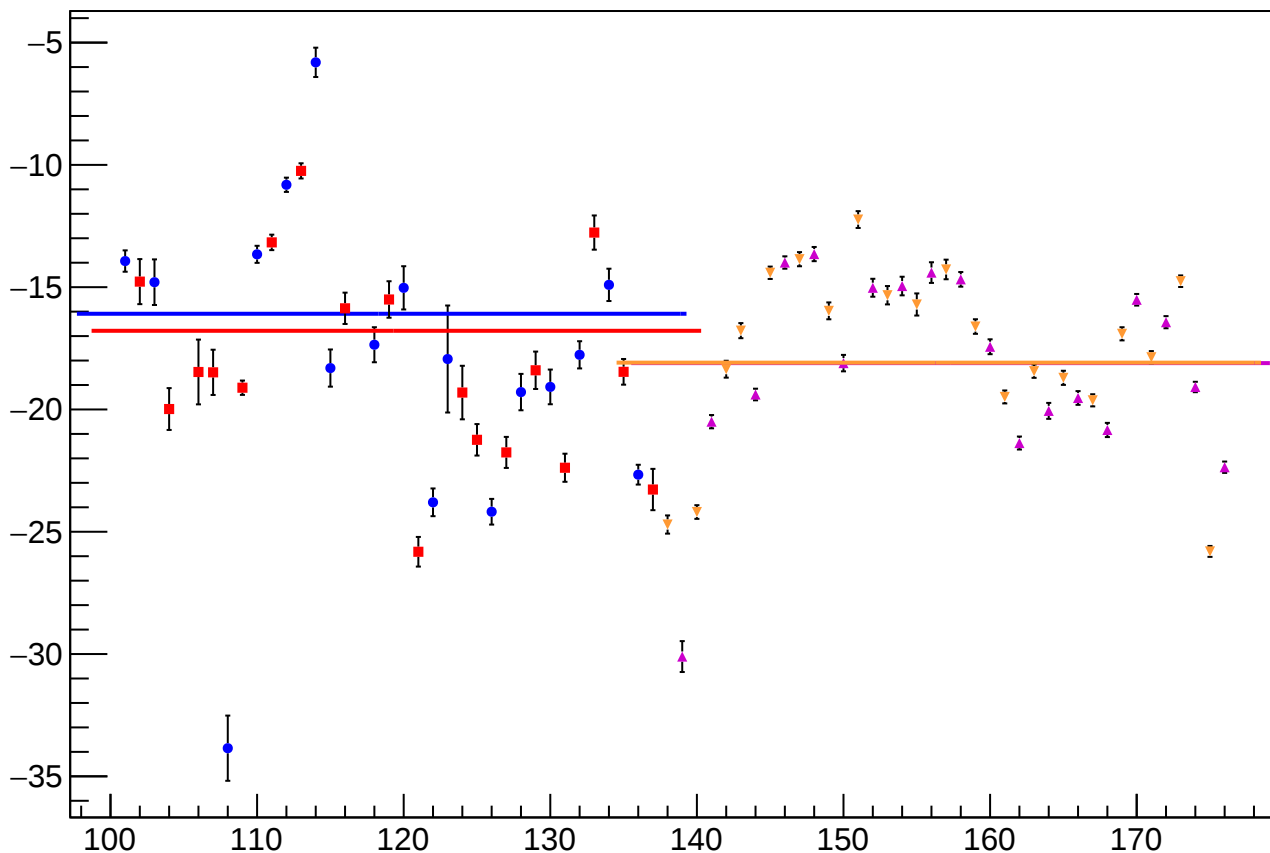
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -50.065 ± 0.071 $\chi^2/\text{NDF}: 28786.7/35$

Out: -51.824 ± 0.071 $\chi^2/\text{NDF}: 33066.6/37$

All: -50.945 ± 0.050 $\chi^2/\text{NDF}: 62163.8/73$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -18.086 ± 0.065 χ^2/NDF : 3241.2/19

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -18.105 ± 0.065 χ^2/NDF : 2142.0/18

Left: -18.095 ± 0.046 χ^2/NDF : 5383.3/38

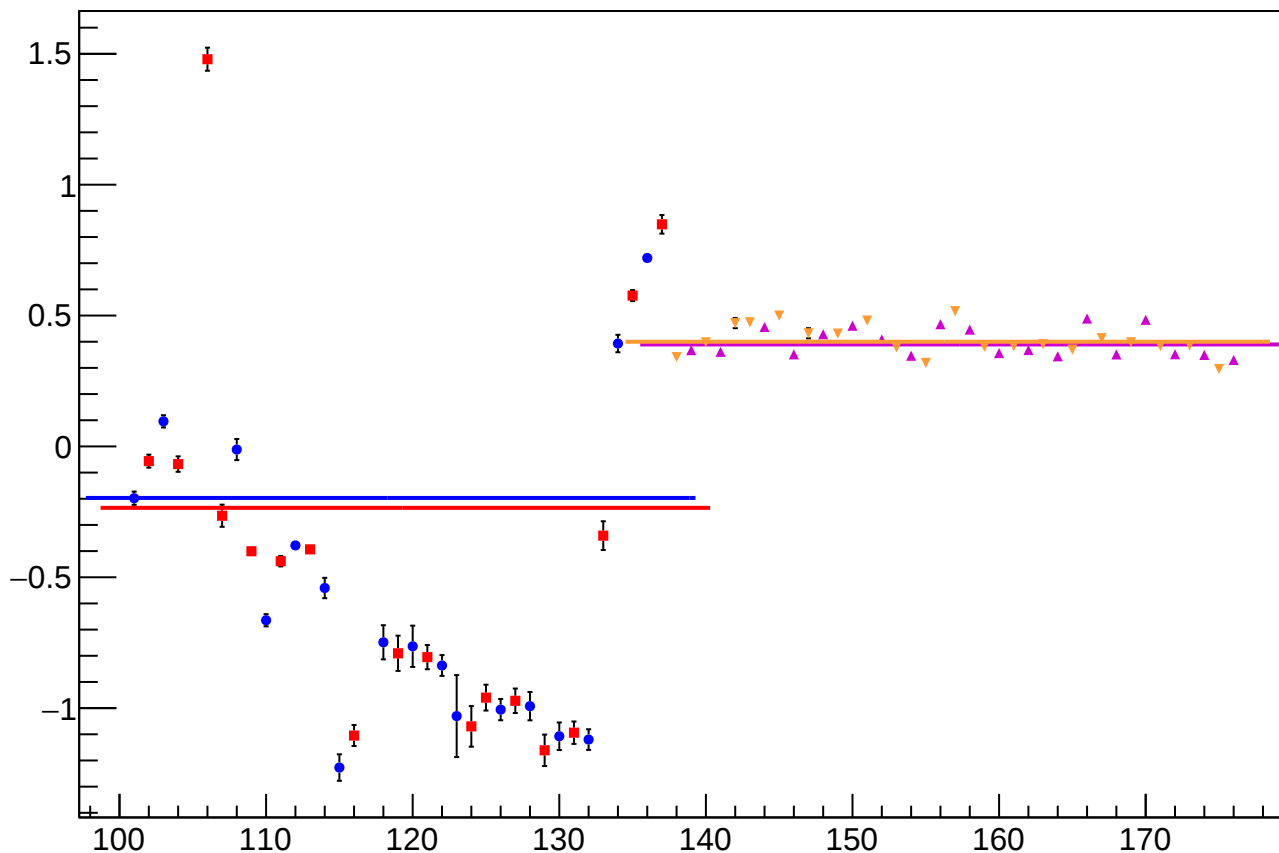
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.710 ± 0.059 χ^2/NDF : 3950.5/35

Out: -17.819 ± 0.058 χ^2/NDF : 4527.7/37

All: -17.765 ± 0.041 χ^2/NDF : 8479.9/73

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.400 ± 0.003 χ^2/NDF : 342.4/19

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.390 ± 0.003 χ^2/NDF : 341.1/18

Left: 0.395 ± 0.002 χ^2/NDF : 689.5/38

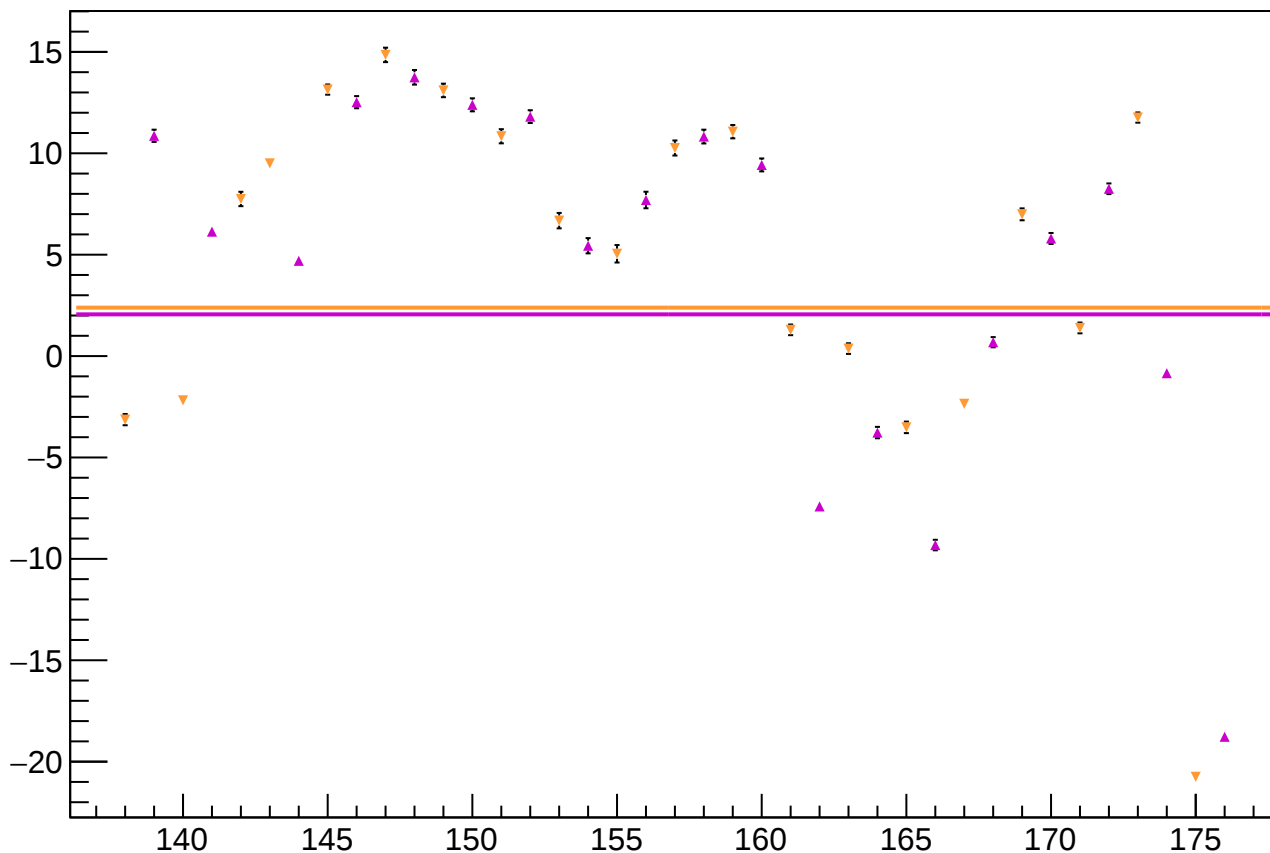
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.311 ± 0.003 χ^2/NDF : 11902.4/35

Out: 0.304 ± 0.003 χ^2/NDF : 13161.0/37

All: 0.308 ± 0.002 χ^2/NDF : 25067.1/73

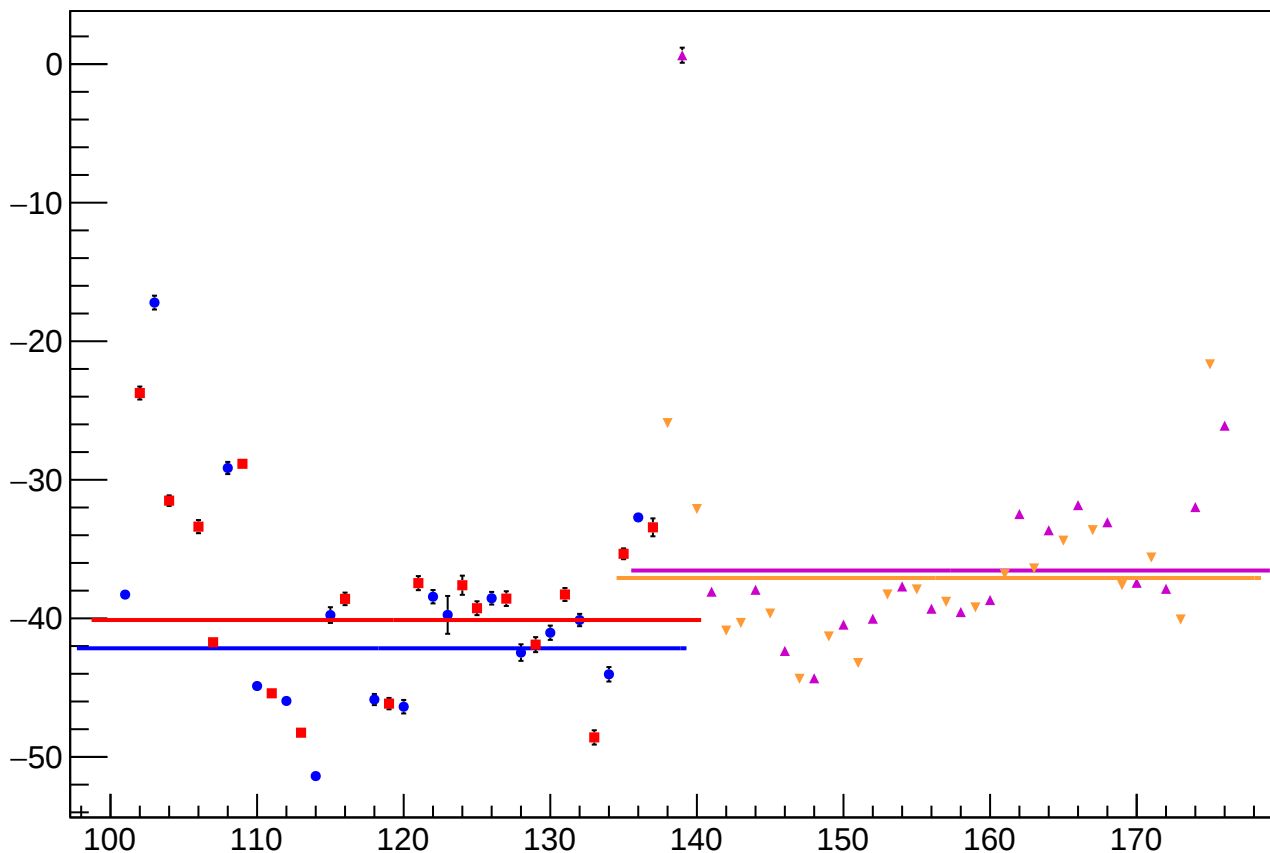
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.389 $\pm$ 0.063 χ^2 /NDF:24130.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.058 $\pm$ 0.063 χ^2 /NDF:21485.3/18

Left: 2.225 $\pm$ 0.045 χ^2 /NDF: 45629.8/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.058 $\pm$ 0.063 χ^2 /NDF:21485.3/18
 Out: 2.389 $\pm$ 0.063 χ^2 /NDF:24130.6/19
 All: 2.225 $\pm$ 0.045 χ^2 /NDF: 45629.8/38

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -37.085 ± 0.047 $\chi^2/\text{NDF}: 13931.5/19$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -36.547 ± 0.048 $\chi^2/\text{NDF}: 13513.6/18$

Left: -36.825 ± 0.033 $\chi^2/\text{NDF}: 27509.6/38$

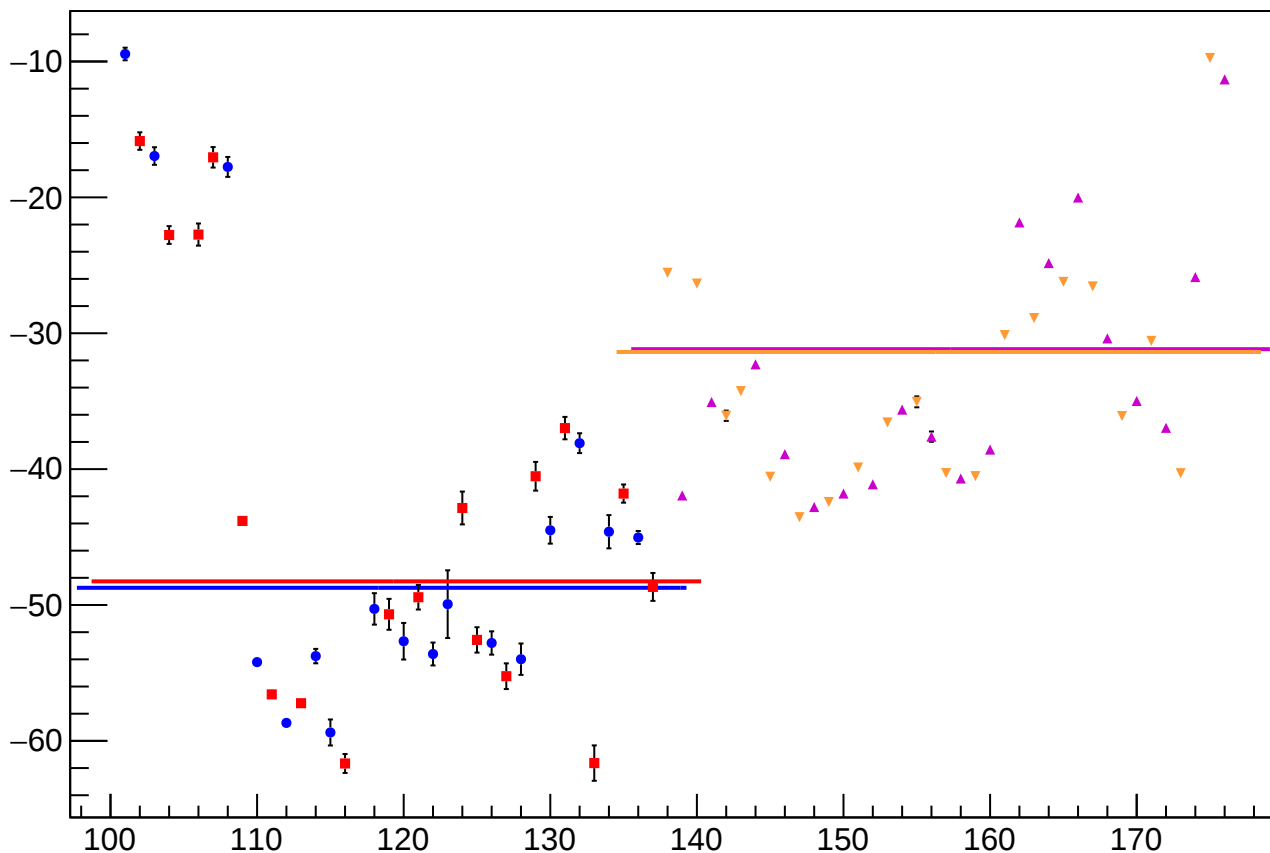
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -38.097 ± 0.041 $\chi^2/\text{NDF}: 23840.7/35$

Out: -37.965 ± 0.039 $\chi^2/\text{NDF}: 26048.0/37$

All: -38.028 ± 0.028 $\chi^2/\text{NDF}: 49894.1/73$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -31.377 ± 0.063 χ^2/NDF : 21580.4/19

Right Out: -48.261 ± 0.107 χ^2/NDF : 11091.7/17

Left In: -31.172 ± 0.063 χ^2/NDF : 21672.2/18

Left: -31.275 ± 0.045 χ^2/NDF : 43257.9/38

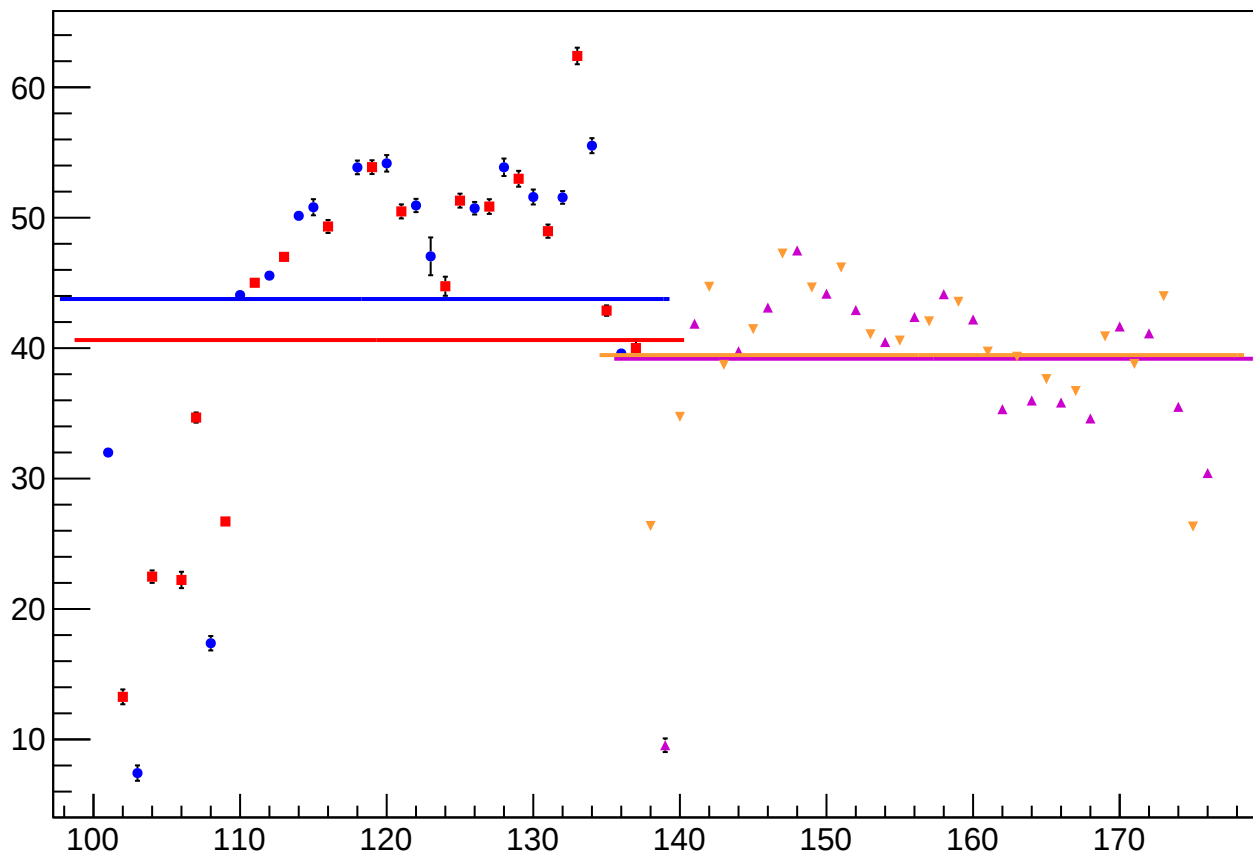
Right: -48.462 ± 0.081 χ^2/NDF : 25759.4/34

In: -34.752 ± 0.056 χ^2/NDF : 52124.8/35

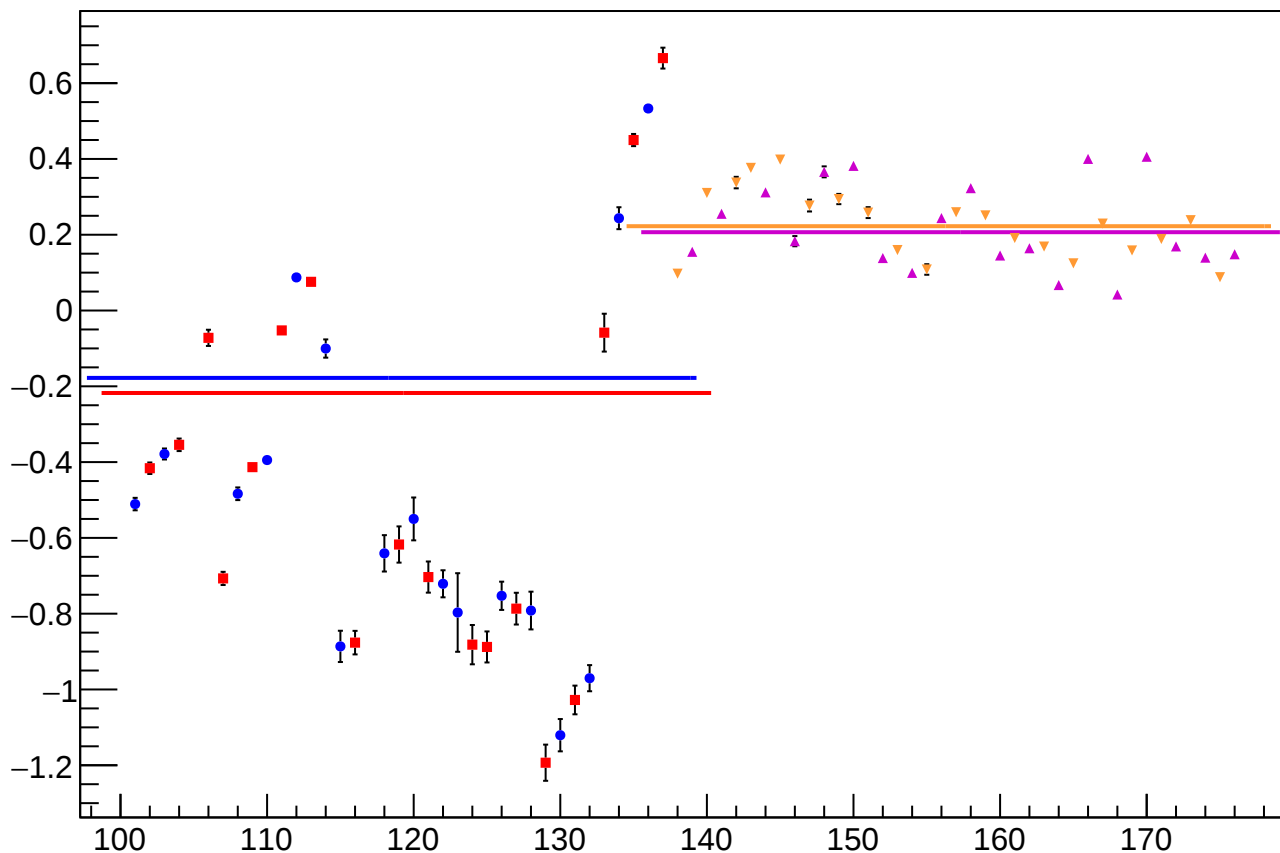
Out: -35.684 ± 0.054 χ^2/NDF : 51067.7/37

All: -35.235 ± 0.039 χ^2/NDF : 103334.5/73

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.223 ± 0.002 χ^2/NDF : 1252.1/19

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.207 ± 0.002 χ^2/NDF : 1968.5/18

Left: 0.215 ± 0.002 χ^2/NDF : 3241.0/38

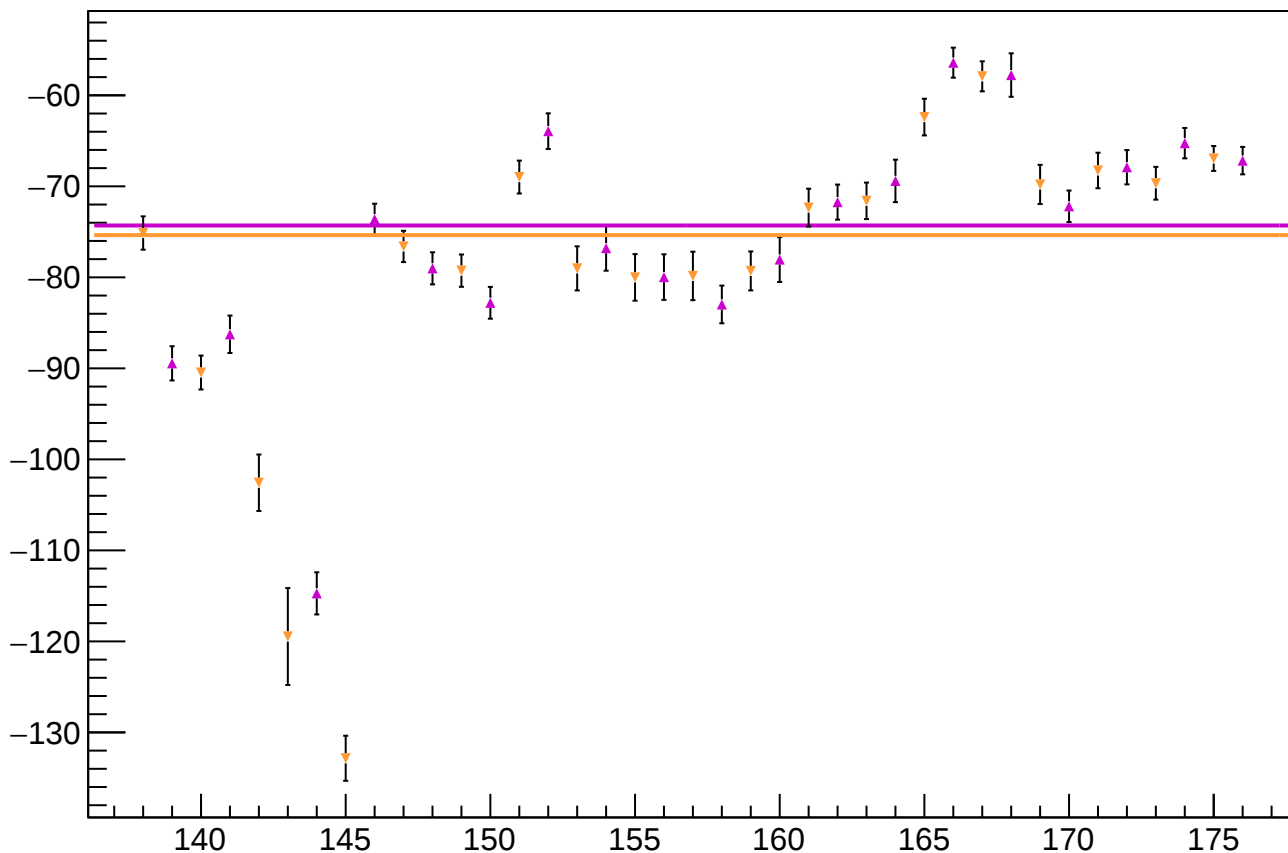
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.127 ± 0.002 χ^2/NDF : 14336.9/35

Out: 0.113 ± 0.002 χ^2/NDF : 16519.2/37

All: 0.120 ± 0.002 χ^2/NDF : 30879.2/73

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -75.358+/-0.450 χ^2/NDF :1006.8/19

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

Left In: -74.301+/-0.443 χ^2/NDF :724.0/18

Left: -74.823+/-0.316 χ^2/NDF : 1733.6/38

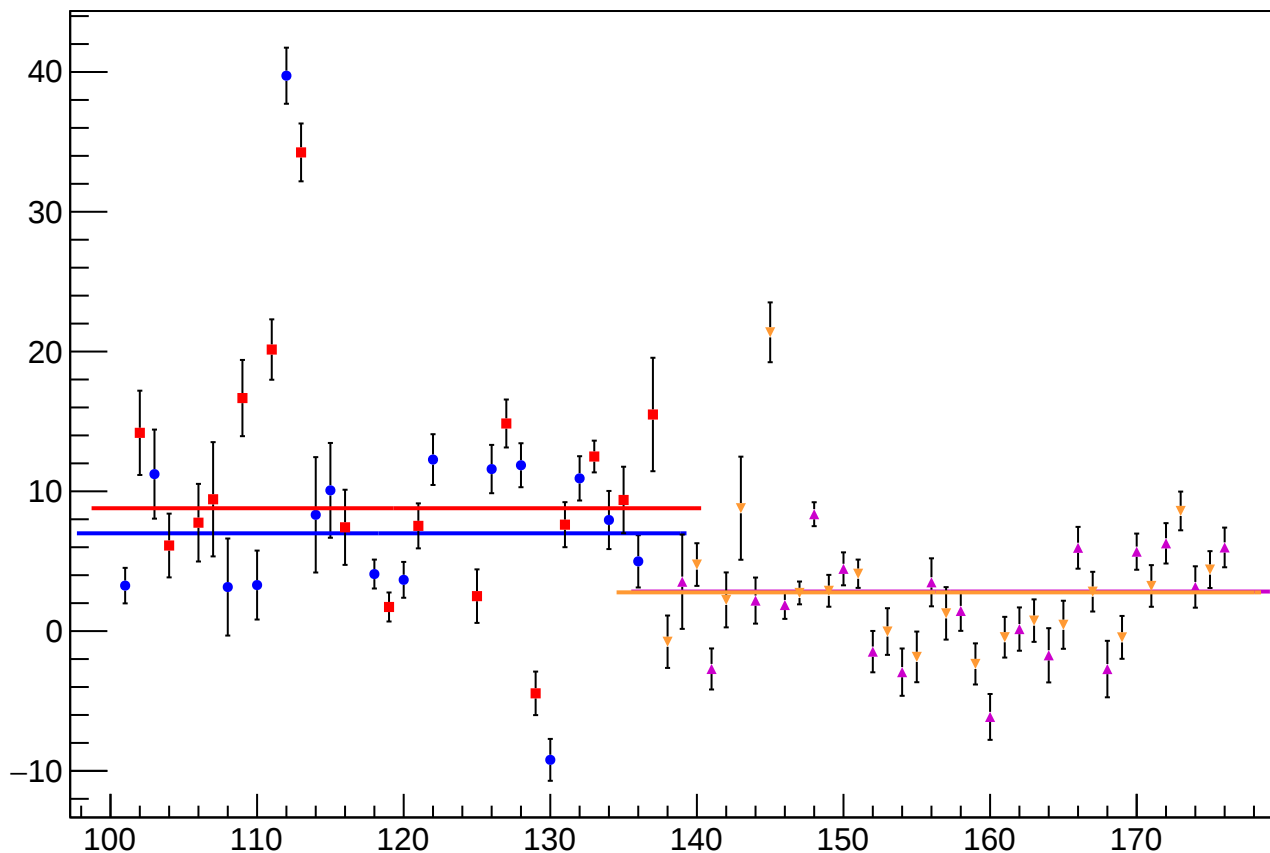
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.301+/-0.443 χ^2/NDF :724.0/18

Out: -75.358+/-0.450 χ^2/NDF :1006.8/19

All: -74.823+/-0.316 χ^2/NDF : 1733.6/38

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 χ^2/NDF : 445.3/15

Left Out: 2.772 ± 0.322 χ^2/NDF : 139.5/19

Right Out: 8.790 ± 0.449 χ^2/NDF : 348.8/16

Left In: 2.831 ± 0.326 χ^2/NDF : 146.1/18

Left: 2.801 ± 0.229 χ^2/NDF : 285.7/38

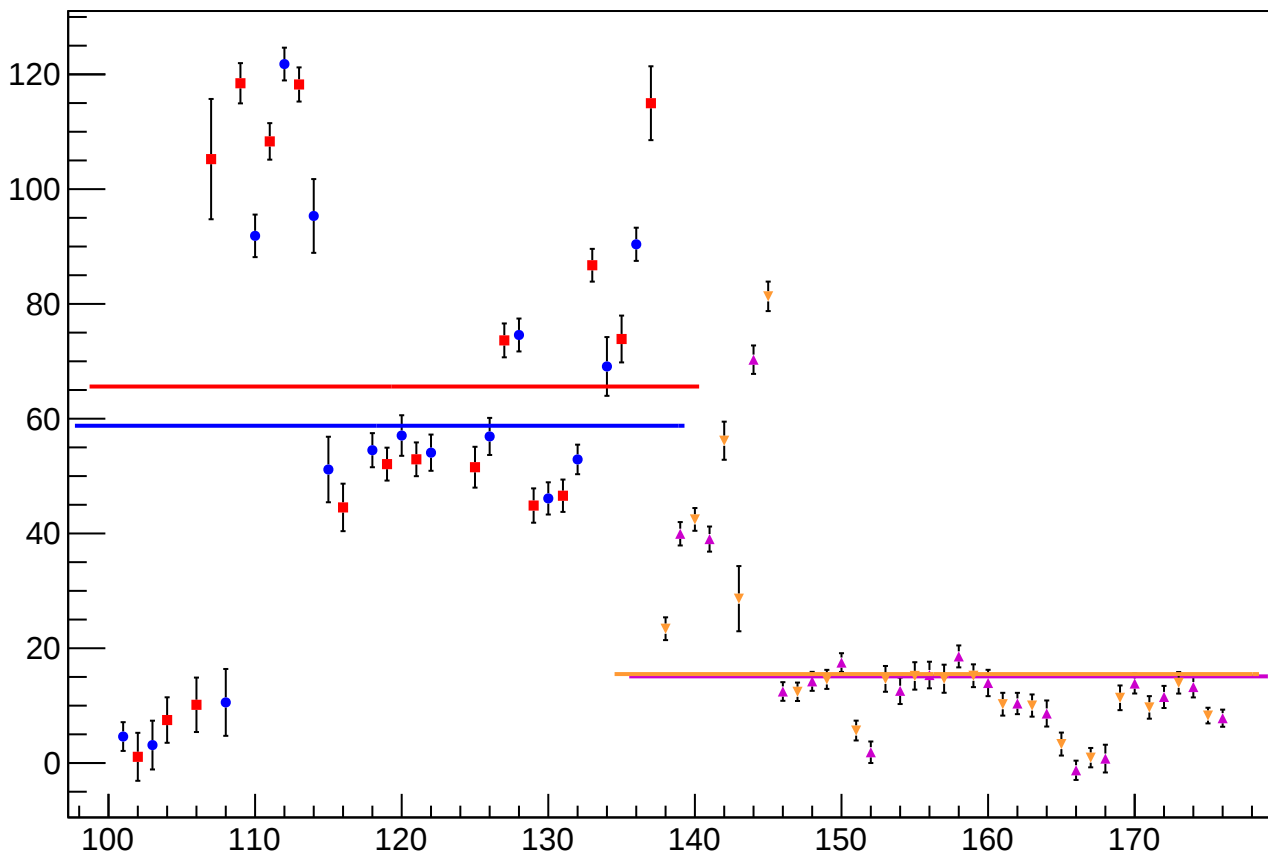
Right: 7.862 ± 0.312 χ^2/NDF : 802.4/32

In: 4.330 ± 0.260 χ^2/NDF : 650.4/34

Out: 4.814 ± 0.262 χ^2/NDF : 606.8/36

All: 4.571 ± 0.185 χ^2/NDF : 1258.9/71

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 +/- 0.833 χ^2/NDF : 1493.3/15

Left Out: 15.500 +/- 0.444 χ^2/NDF : 1216.6/19

Right Out: 65.606 +/- 0.845 χ^2/NDF : 1625.3/16

Left In: 15.101 +/- 0.438 χ^2/NDF : 997.0/18

Left: 15.298 +/- 0.312 χ^2/NDF : 2214.1/38

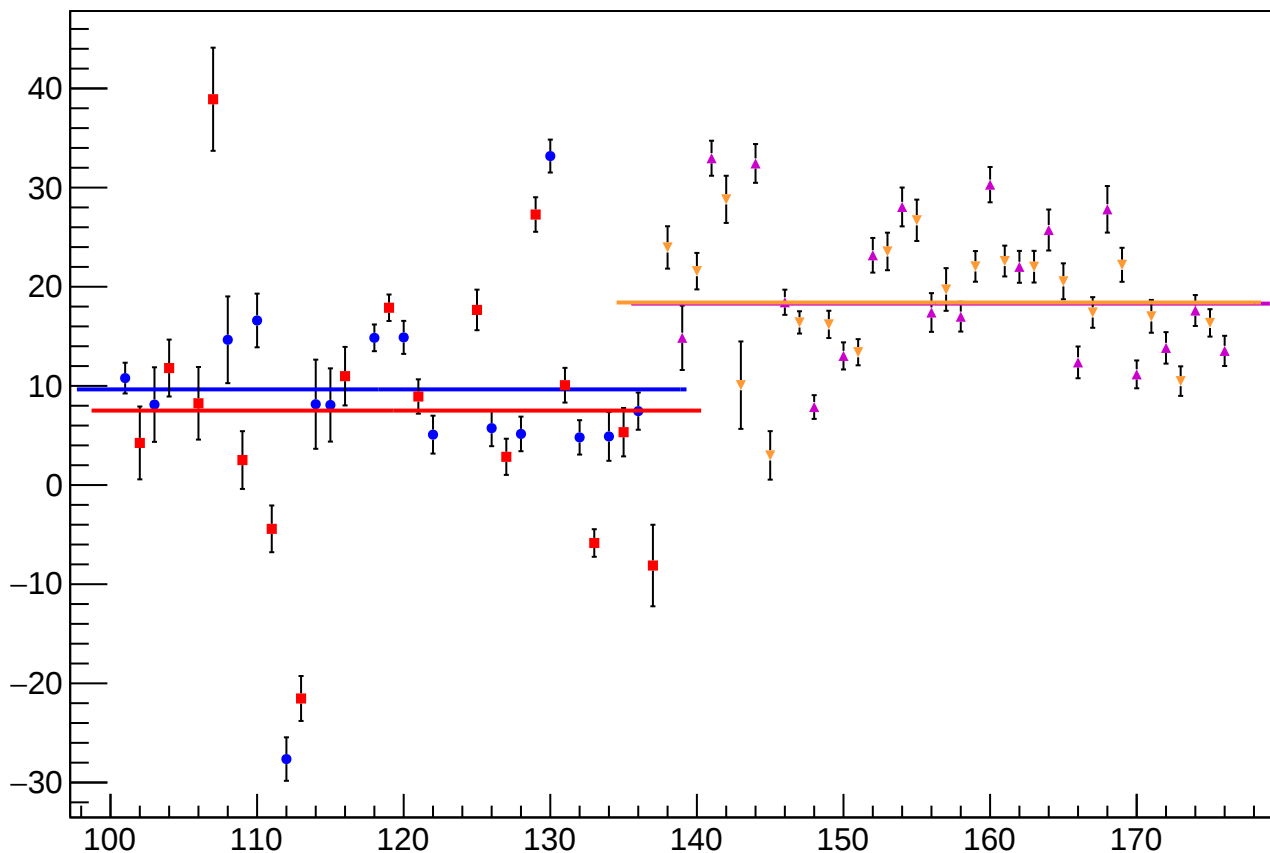
Right: 62.140 +/- 0.593 χ^2/NDF : 3151.9/32

In: 24.553 +/- 0.388 χ^2/NDF : 4644.2/34

Out: 26.337 +/- 0.393 χ^2/NDF : 5599.4/36

All: 25.433 +/- 0.276 χ^2/NDF : 10254.0/71

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: 18.412 $\pm$ 0.374 χ^2 /NDF:171.9/19

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.300 $\pm$ 0.376 χ^2 /NDF:384.3/18

Left: 18.356 $\pm$ 0.265 χ^2 /NDF: 556.2/38

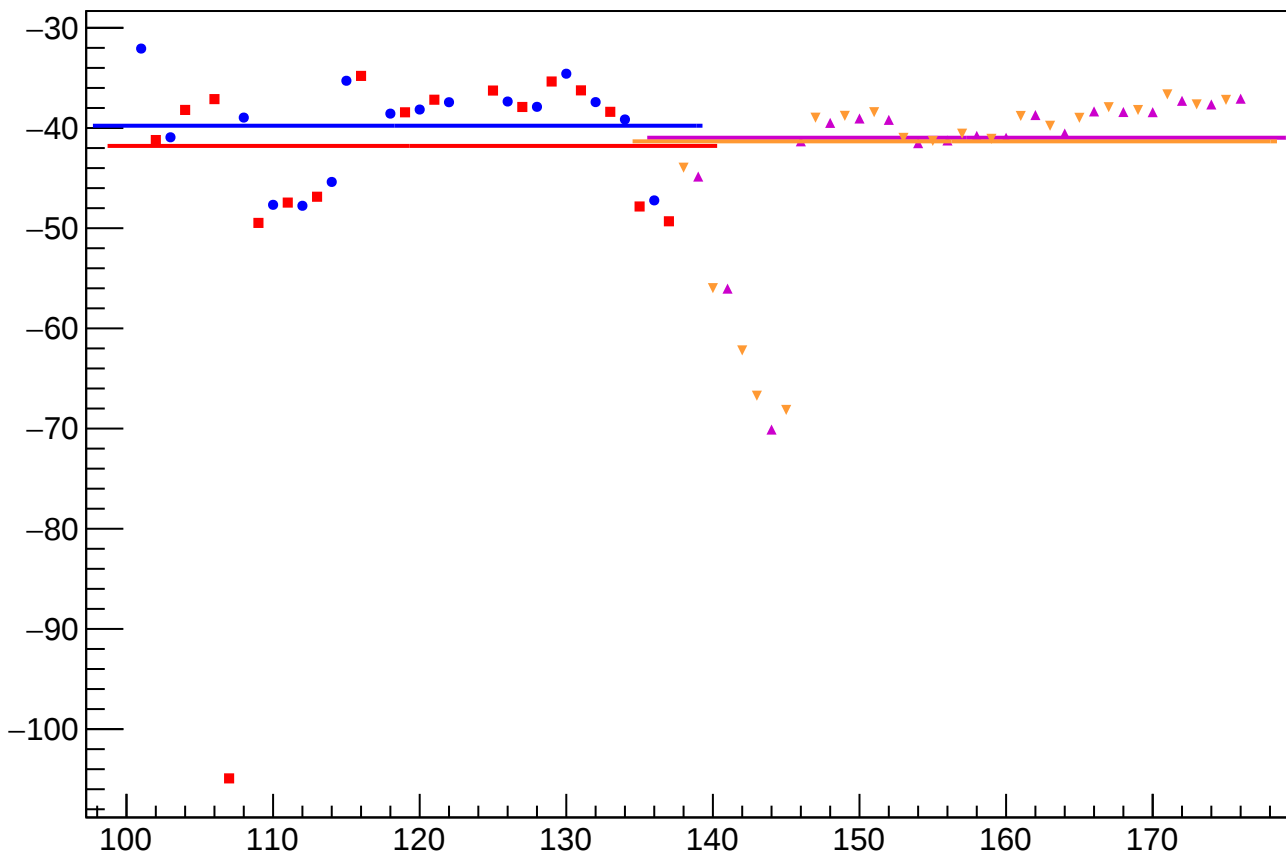
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 15.192 $\pm$ 0.301 χ^2 /NDF:1128.1/34

Out: 14.665 $\pm$ 0.303 χ^2 /NDF:1028.5/36

All: 14.930 $\pm$ 0.213 χ^2 /NDF: 2158.2/71

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -41.331 ± 0.018 $\chi^2/\text{NDF}: 157671.4/19$

Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$

Left In: -40.970 ± 0.017 $\chi^2/\text{NDF}: 118955.8/18$

Left: -41.146 ± 0.012 $\chi^2/\text{NDF}: 276839.0/38$

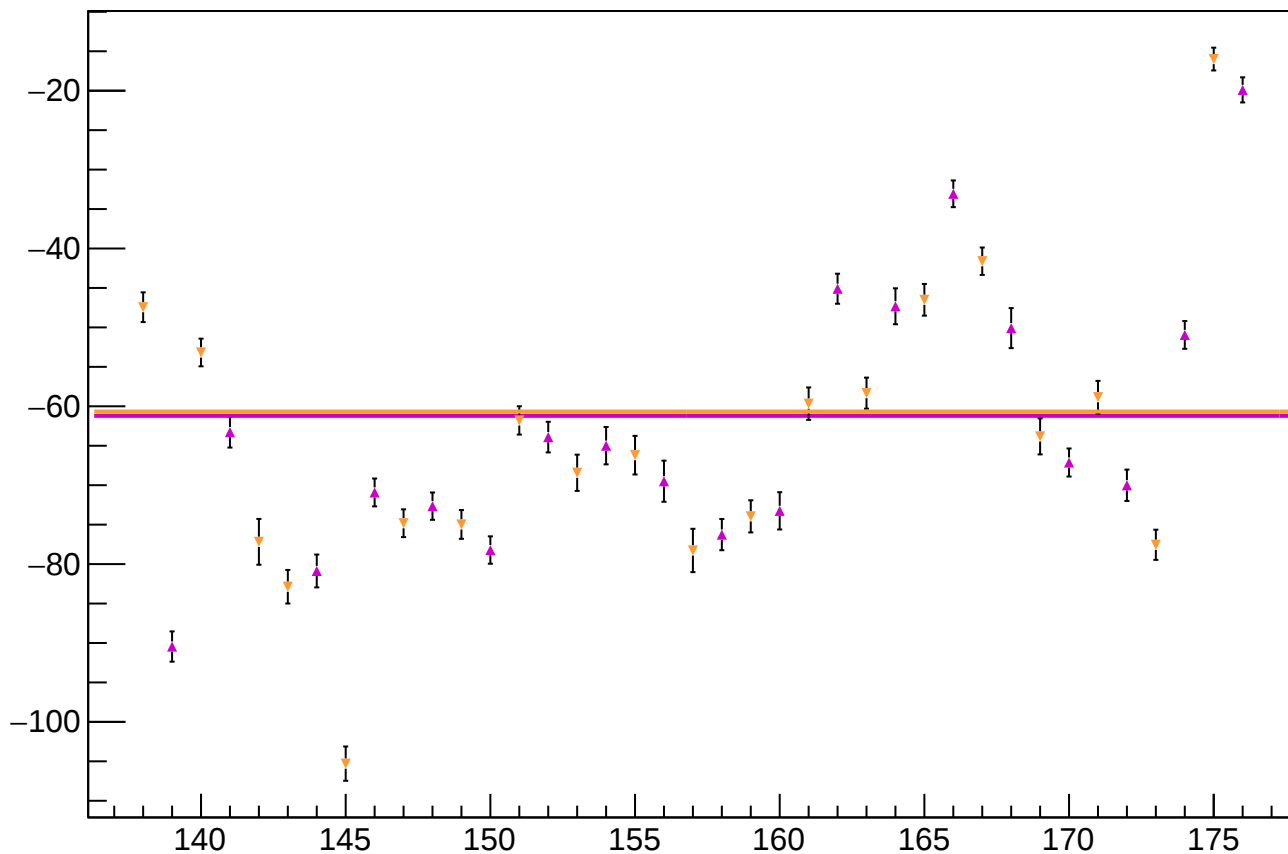
Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$

In: -40.688 ± 0.015 $\chi^2/\text{NDF}: 146268.0/34$

Out: -41.441 ± 0.015 $\chi^2/\text{NDF}: 250840.2/36$

All: -41.056 ± 0.011 $\chi^2/\text{NDF}: 398324.6/71$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.663+/-0.444 χ^2/NDF :2067.3/19

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

Left In: -61.210+/-0.446 χ^2/NDF :1734.2/18

Left: -60.935+/-0.315 χ^2/NDF : 3802.2/38

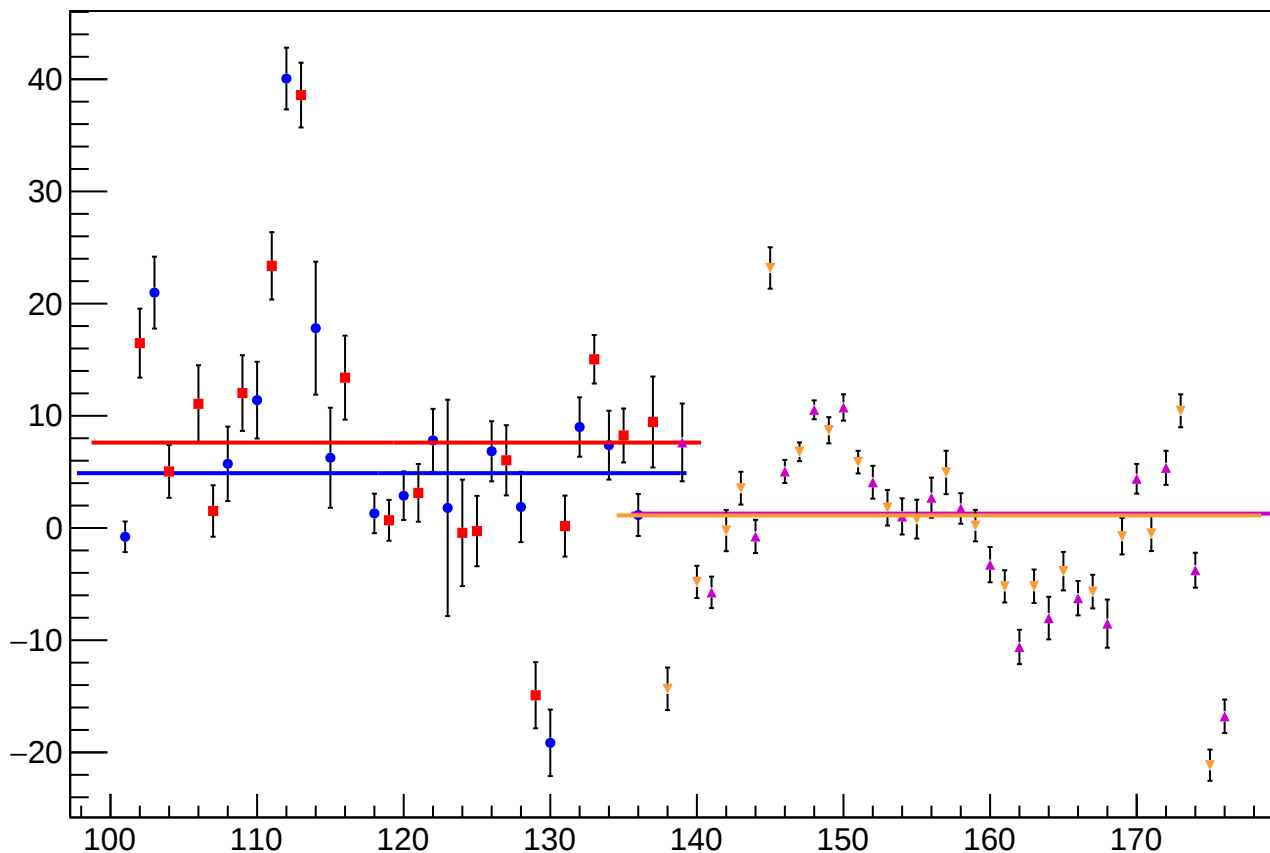
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -61.210+/-0.446 χ^2/NDF :1734.2/18

Out: -60.663+/-0.444 χ^2/NDF :2067.3/19

All: -60.935+/-0.315 χ^2/NDF : 3802.2/38

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 1.120 ± 0.317 χ^2/NDF : 710.1/19

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 1.283 ± 0.325 χ^2/NDF : 542.4/18

Left: 1.199 ± 0.227 χ^2/NDF : 1252.6/38

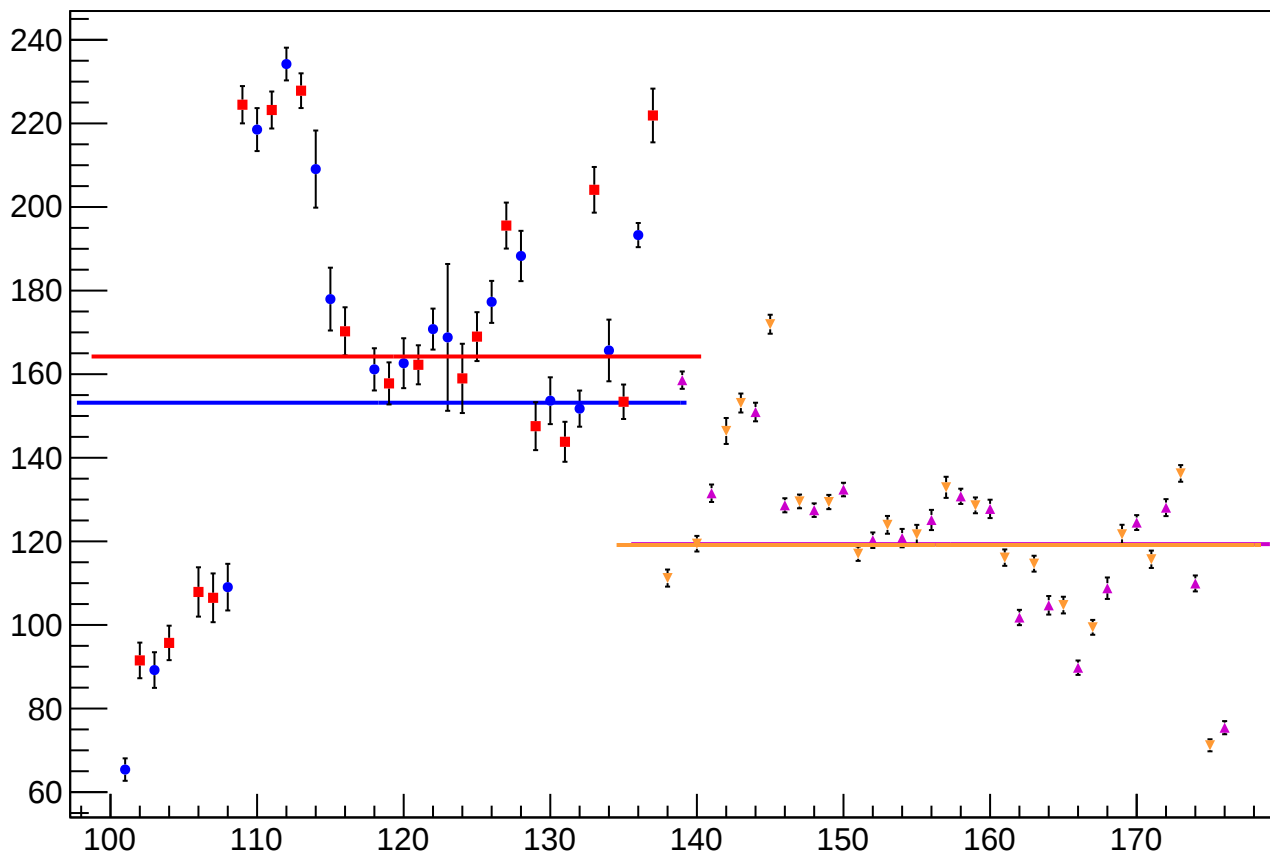
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 2.056 ± 0.288 χ^2/NDF : 863.5/35

Out: 2.360 ± 0.285 χ^2/NDF : 1059.5/37

All: 2.210 ± 0.203 χ^2/NDF : 1923.6/73

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: 119.130 $\pm$ 0.439 χ^2 /NDF:2363.4/19

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 119.338 $\pm$ 0.440 χ^2 /NDF:2047.7/18

Left: 119.234 $\pm$ 0.311 χ^2 /NDF: 4411.2/38

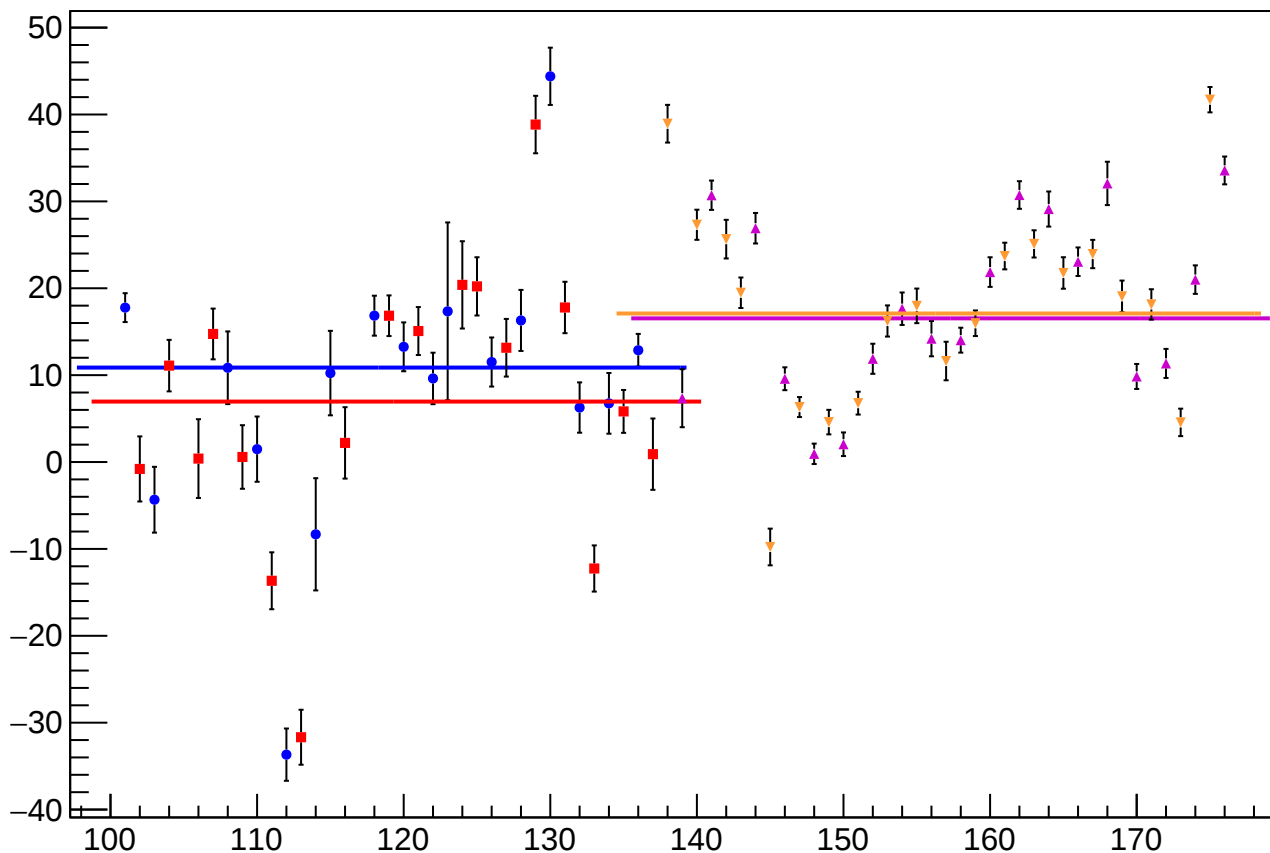
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 123.678 $\pm$ 0.411 χ^2 /NDF:5071.4/35

Out: 124.593 $\pm$ 0.412 χ^2 /NDF:5195.2/37

All: 124.134 $\pm$ 0.291 χ^2 /NDF: 10269.1/73

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: 17.096 $\pm$ 0.368 χ^2 /NDF:967.8/19

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 16.537 $\pm$ 0.376 χ^2 /NDF:777.2/18

Left: 16.822 $\pm$ 0.263 χ^2 /NDF: 1746.1/38

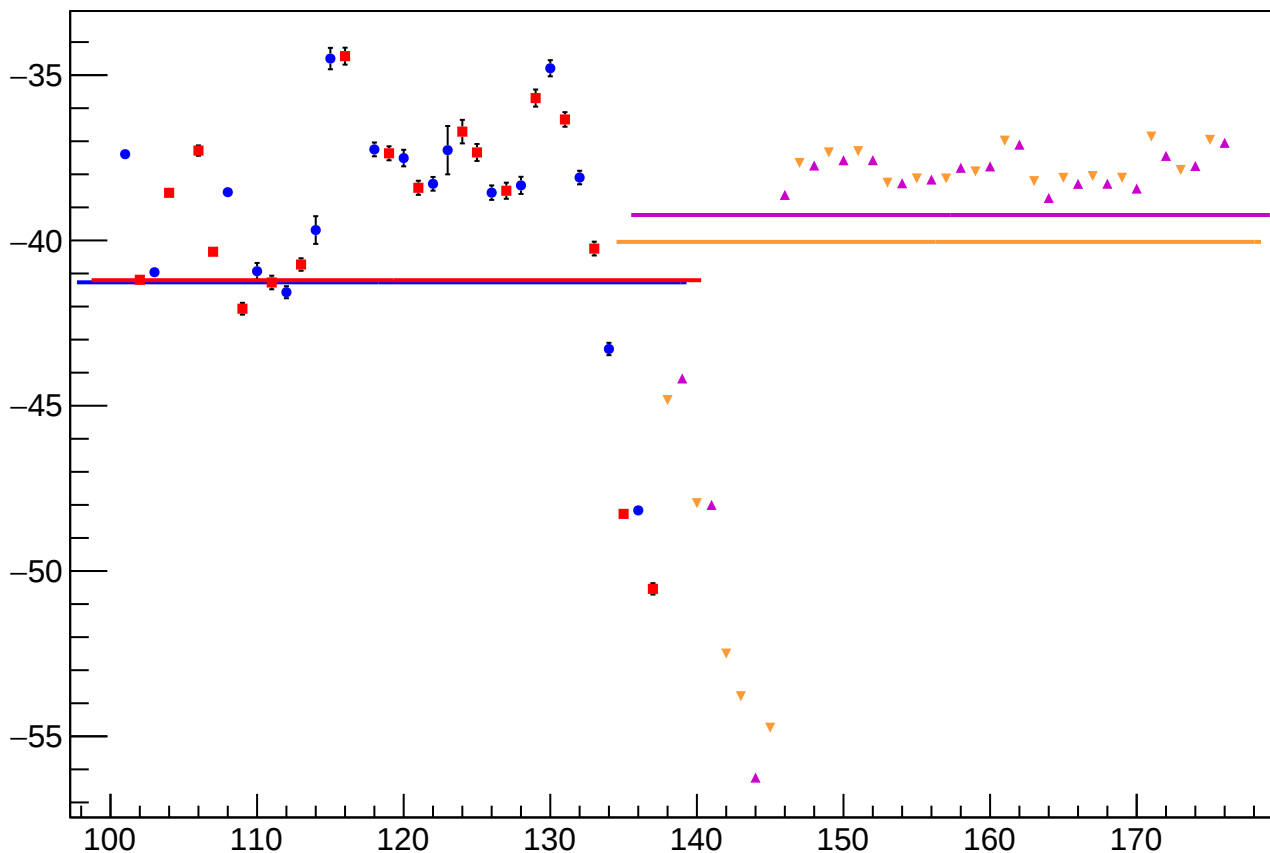
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 15.309 $\pm$ 0.333 χ^2 /NDF:1213.1/35

Out: 15.124 $\pm$ 0.330 χ^2 /NDF:1537.6/37

All: 15.216 $\pm$ 0.234 χ^2 /NDF: 2750.9/73

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -40.044 ± 0.018 χ^2/NDF : 87507.0/19

Right Out: -41.204 ± 0.039 χ^2/NDF : 12008.6/17

Left In: -39.231 ± 0.017 χ^2/NDF : 51917.1/18

Left: -39.633 ± 0.012 χ^2/NDF : 140508.6/38

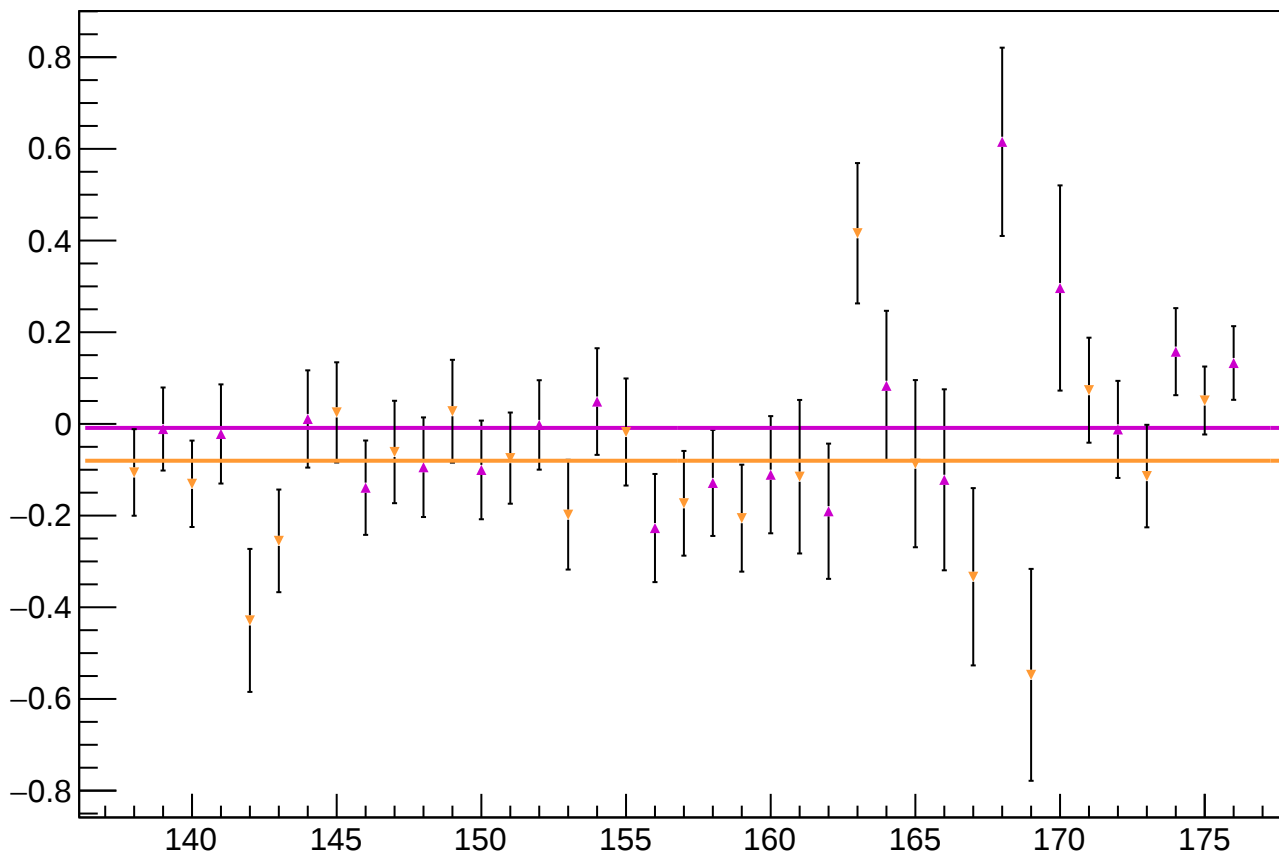
Right: -41.236 ± 0.027 χ^2/NDF : 24591.7/34

In: -39.575 ± 0.016 χ^2/NDF : 66820.1/35

Out: -40.241 ± 0.016 χ^2/NDF : 100255.9/37

All: -39.904 ± 0.011 χ^2/NDF : 167951.1/73

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.080 $\pm$ 0.026 χ^2 /NDF:34.1/19

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

Left In: -0.009 $\pm$ 0.026 χ^2 /NDF:27.8/18

Left: -0.045 $\pm$ 0.018 χ^2 /NDF: 65.7/38

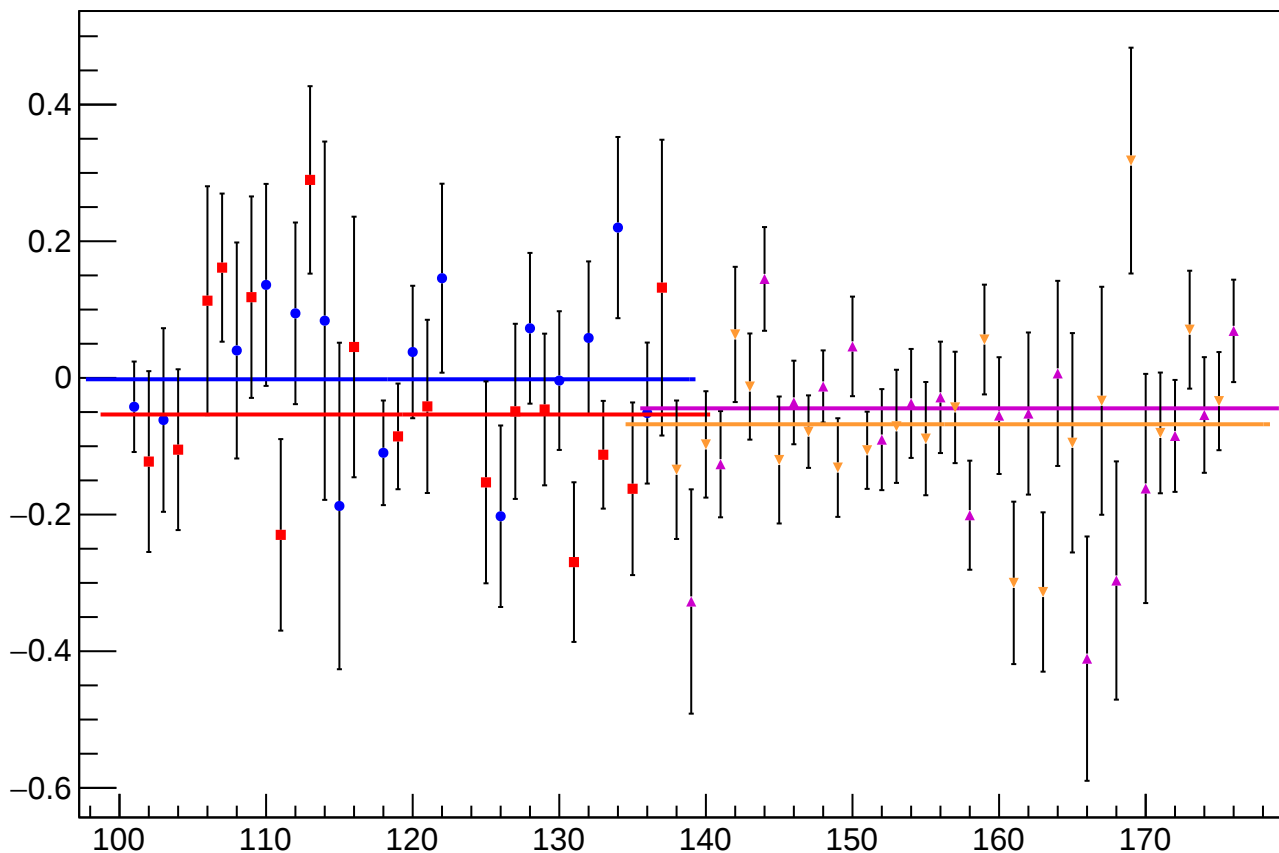
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.026 χ^2 /NDF:27.8/18

Out: -0.080 $\pm$ 0.026 χ^2 /NDF:34.1/19

All: -0.045 $\pm$ 0.018 χ^2 /NDF: 65.7/38

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.068 ± 0.019 χ^2/NDF : 23.6/19

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.045 ± 0.019 χ^2/NDF : 26.0/18

Left: -0.056 ± 0.014 χ^2/NDF : 50.3/38

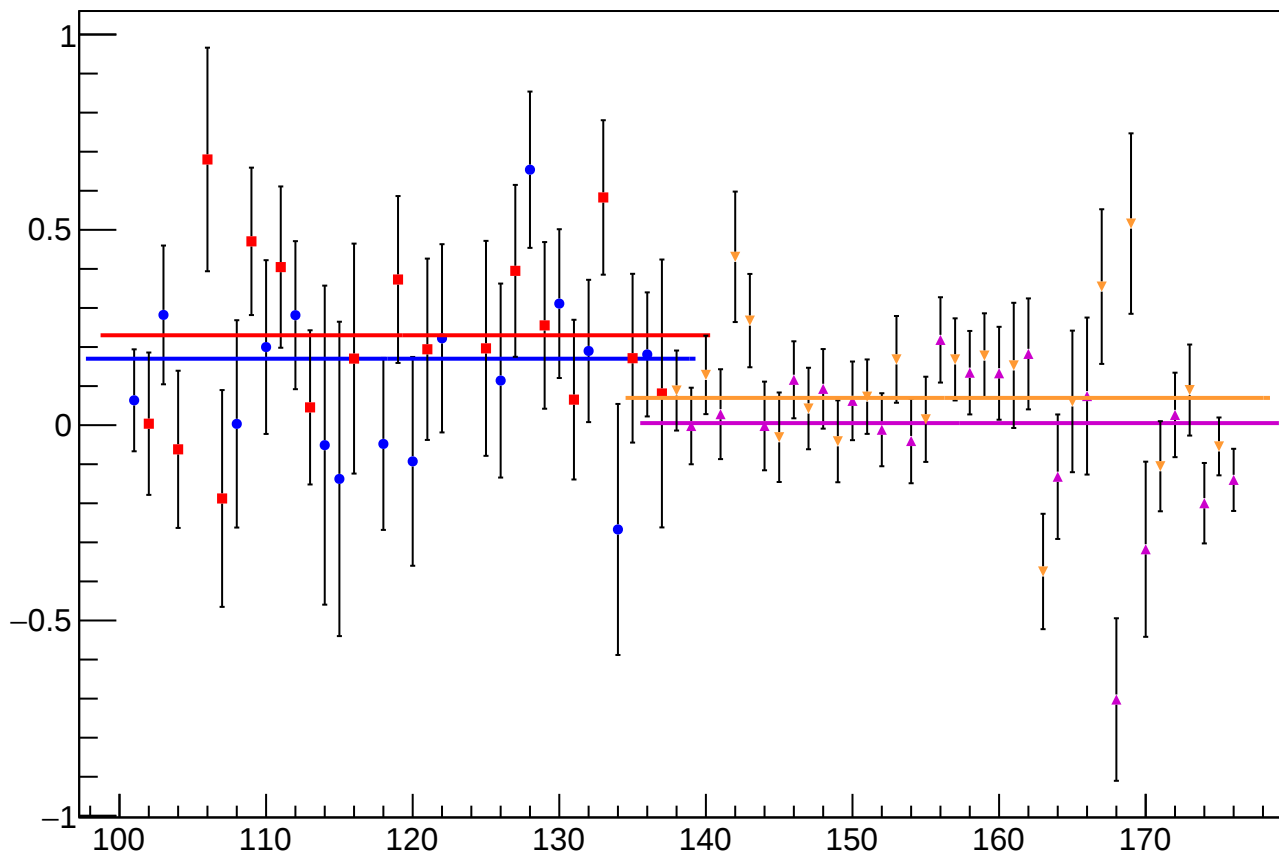
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.031 ± 0.016 χ^2/NDF : 39.6/34

Out: -0.064 ± 0.016 χ^2/NDF : 44.7/36

All: -0.047 ± 0.011 χ^2/NDF : 86.4/71

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: 0.070 $\pm$ 0.026 χ^2 /NDF:33.0/19

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.005 $\pm$ 0.026 χ^2 /NDF:32.4/18

Left: 0.038 $\pm$ 0.018 χ^2 /NDF: 68.5/38

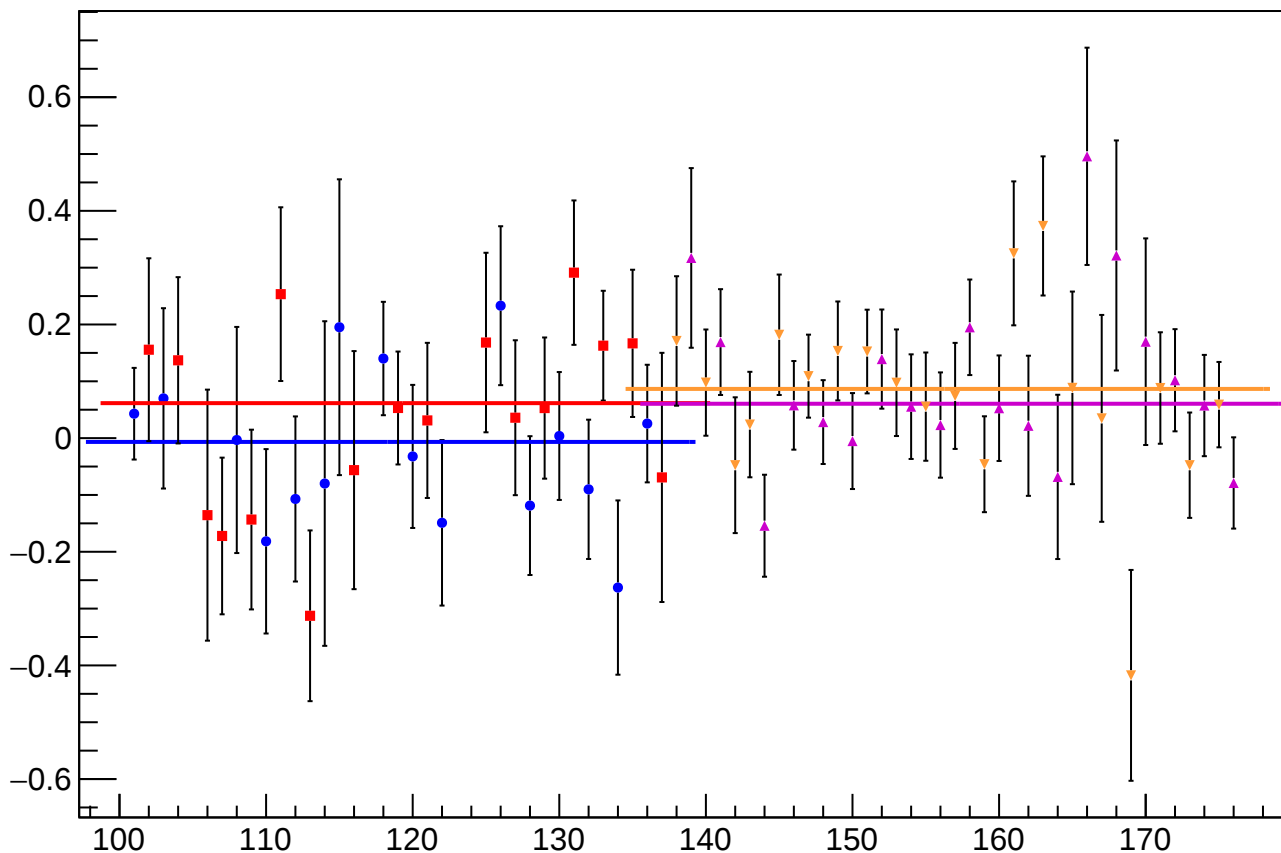
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.038 $\pm$ 0.023 χ^2 /NDF:53.4/34

Out: 0.100 $\pm$ 0.023 χ^2 /NDF:57.0/36

All: 0.069 $\pm$ 0.016 χ^2 /NDF: 113.9/71

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.087 ± 0.022 χ^2/NDF : 25.9/19

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.061 ± 0.022 χ^2/NDF : 25.4/18

Left: 0.074 ± 0.016 χ^2/NDF : 52.0/38

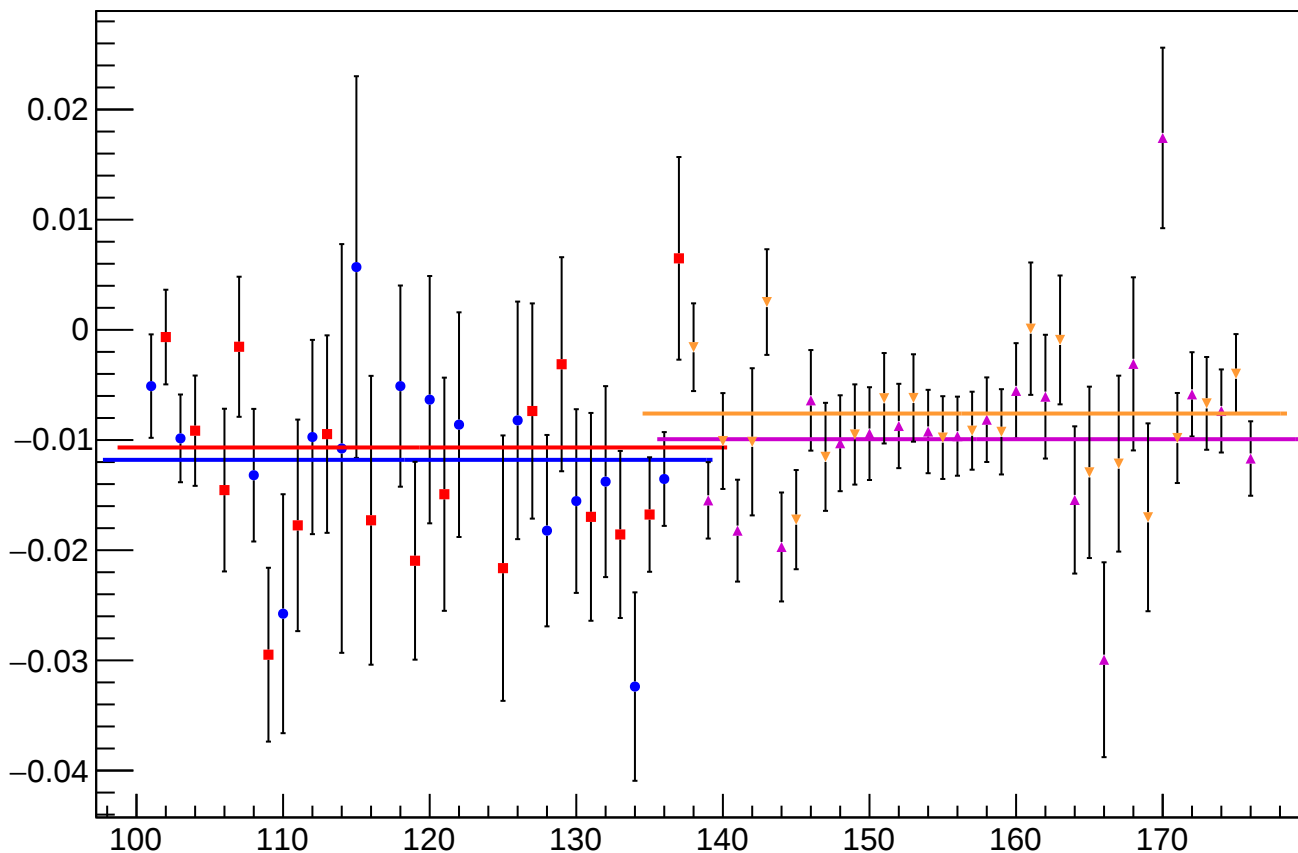
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.039 ± 0.018 χ^2/NDF : 41.5/34

Out: 0.079 ± 0.018 χ^2/NDF : 46.3/36

All: 0.059 ± 0.013 χ^2/NDF : 90.1/71

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2/NDF : 19.9/19

Right Out: -0.011 $\pm$ 0.002 χ^2/NDF : 23.8/16

Left In: -0.010 $\pm$ 0.001 χ^2/NDF : 31.7/18

Left: -0.009 $\pm$ 0.001 χ^2/NDF : 54.3/38

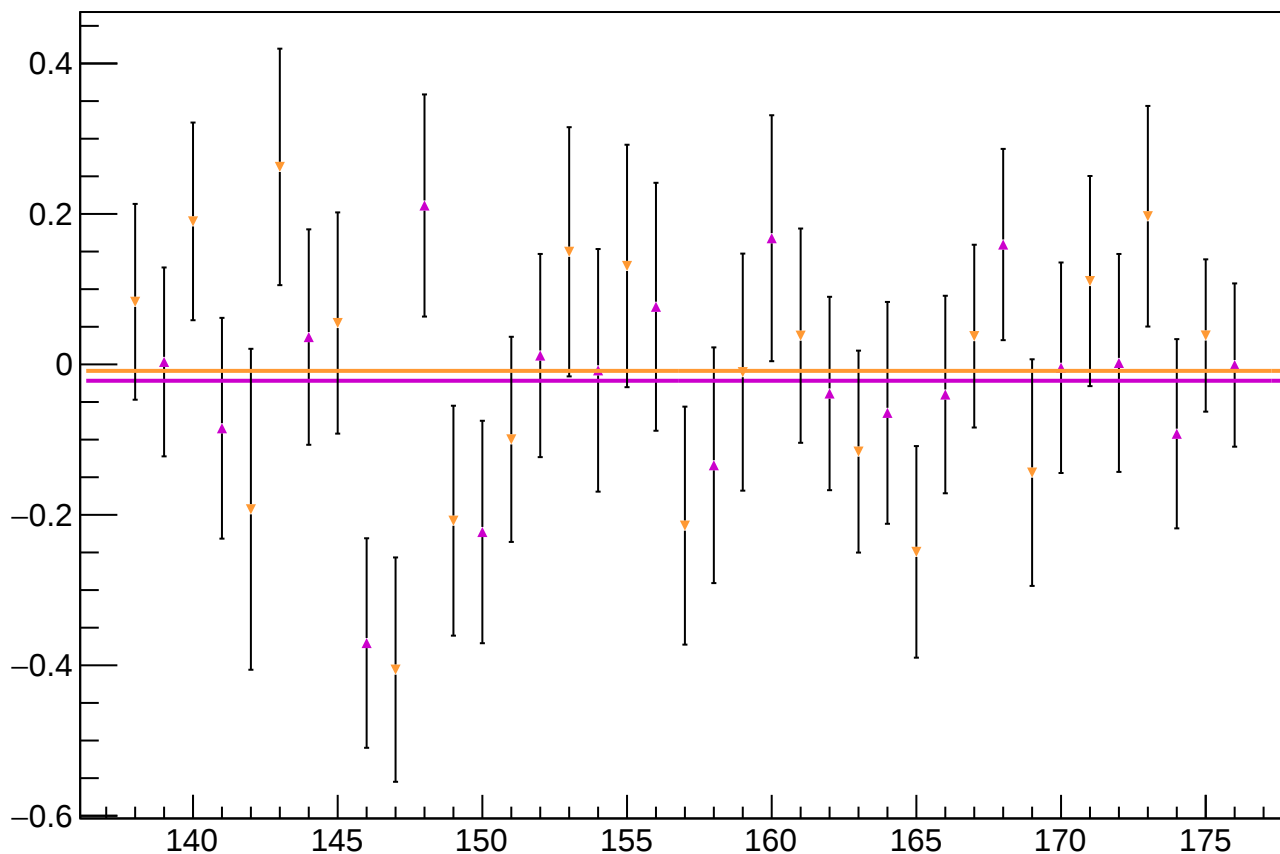
Right: -0.011 $\pm$ 0.001 χ^2/NDF : 36.8/32

In: -0.010 $\pm$ 0.001 χ^2/NDF : 45.4/34

Out: -0.008 $\pm$ 0.001 χ^2/NDF : 45.9/36

All: -0.009 $\pm$ 0.001 χ^2/NDF : 93.9/71

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.009 $\pm$ 0.032 χ^2 /NDF:26.8/19

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

Left In: -0.022 $\pm$ 0.032 χ^2 /NDF:15.8/18

Left: -0.015 $\pm$ 0.023 χ^2 /NDF: 42.7/38

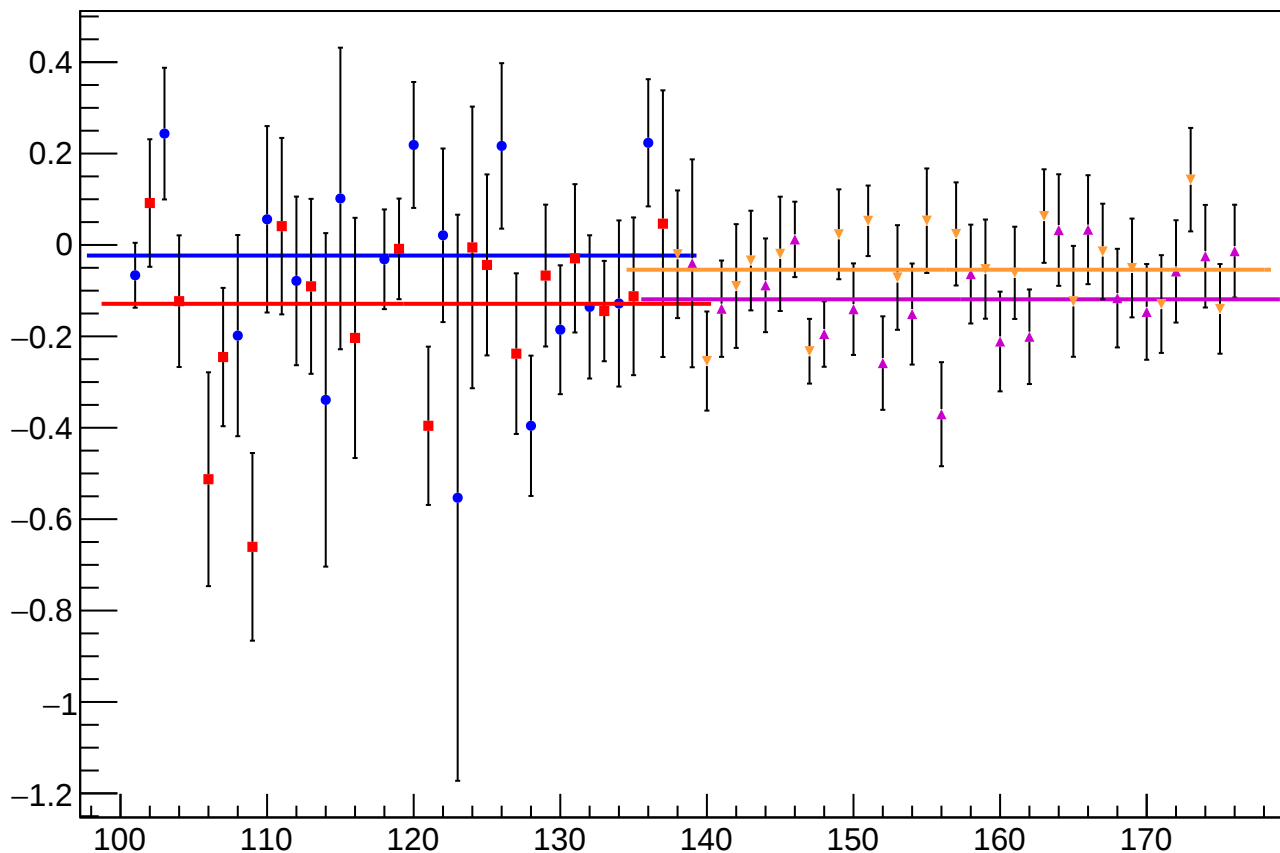
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.022 $\pm$ 0.032 χ^2 /NDF:15.8/18

Out: -0.009 $\pm$ 0.032 χ^2 /NDF:26.8/19

All: -0.015 $\pm$ 0.023 χ^2 /NDF: 42.7/38

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 $\pm$ 0.023 χ^2/NDF :20.0/19

Right Out: -0.129 $\pm$ 0.039 χ^2/NDF : 18.6/17

Left In: -0.119 $\pm$ 0.024 χ^2/NDF :17.7/18

Left: -0.086 $\pm$ 0.017 χ^2/NDF : 41.4/38

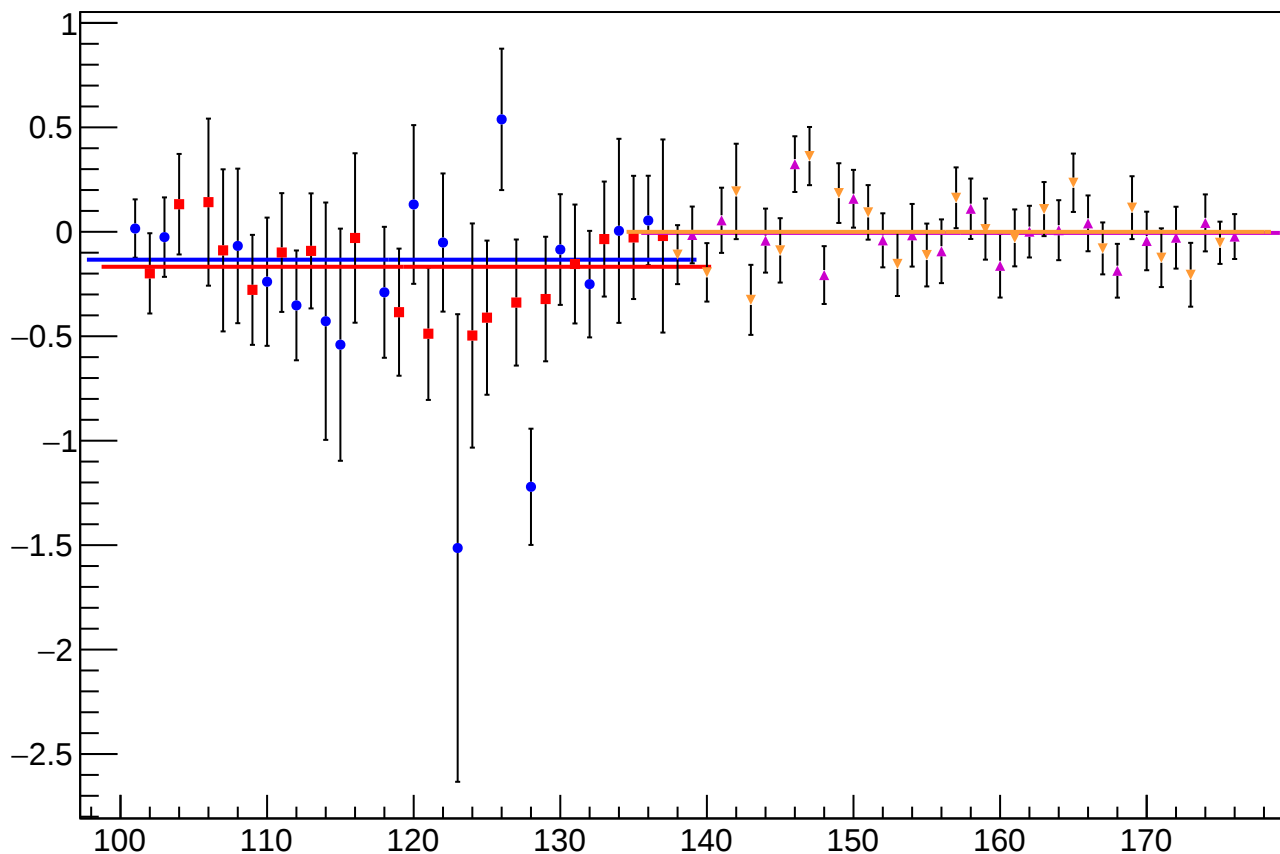
Right: -0.072 $\pm$ 0.027 χ^2/NDF : 44.9/34

In: -0.090 $\pm$ 0.020 χ^2/NDF :44.9/35

Out: -0.074 $\pm$ 0.020 χ^2/NDF :41.3/37

All: -0.082 $\pm$ 0.014 χ^2/NDF : 86.5/73

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.000 ± 0.032 χ^2/NDF : 26.6/19

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.005 ± 0.032 χ^2/NDF : 14.3/18

Left: -0.003 ± 0.022 χ^2/NDF : 40.9/38

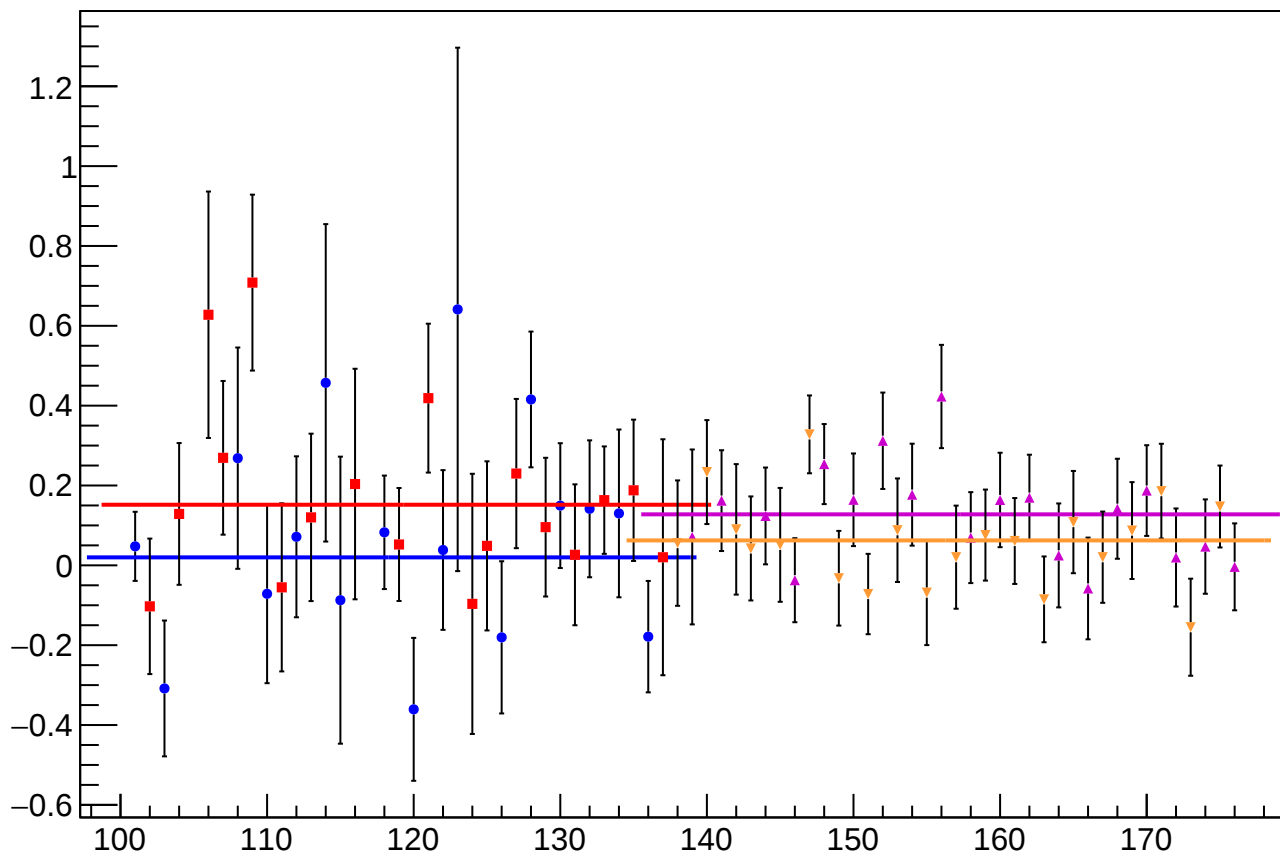
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.029 ± 0.029 χ^2/NDF : 43.1/35

Out: -0.028 ± 0.029 χ^2/NDF : 37.3/37

All: -0.028 ± 0.020 χ^2/NDF : 80.4/73

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.062 ± 0.027 $\chi^2/\text{NDF}: 19.9/19$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.128 ± 0.027 $\chi^2/\text{NDF}: 18.2/18$

Left: 0.094 ± 0.019 $\chi^2/\text{NDF}: 41.0/38$

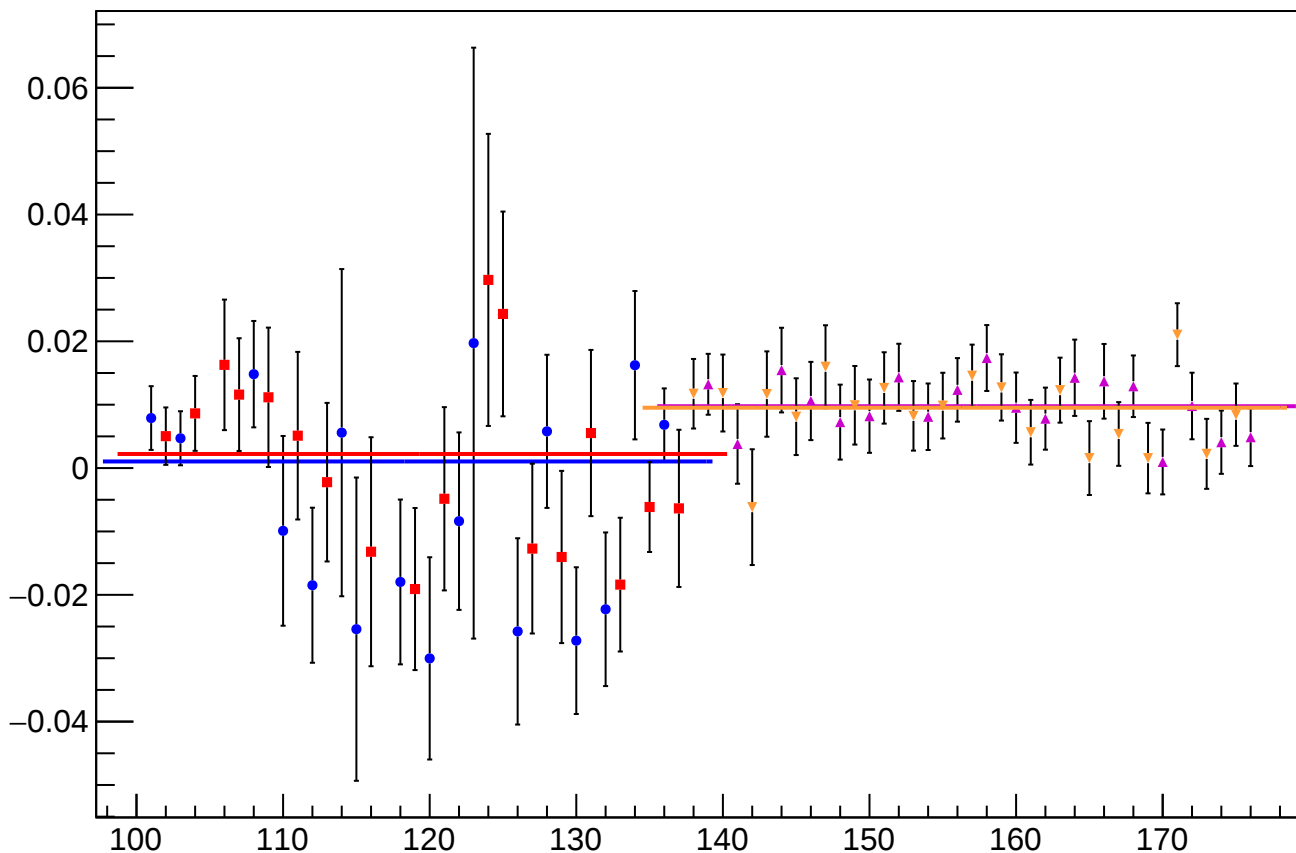
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.096 ± 0.023 $\chi^2/\text{NDF}: 44.6/35$

Out: 0.086 ± 0.023 $\chi^2/\text{NDF}: 39.6/37$

All: 0.091 ± 0.016 $\chi^2/\text{NDF}: 84.3/73$

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: 0.010 $\pm$ 0.001 χ^2 /NDF:18.8/19

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF:12.6/18

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 31.5/38

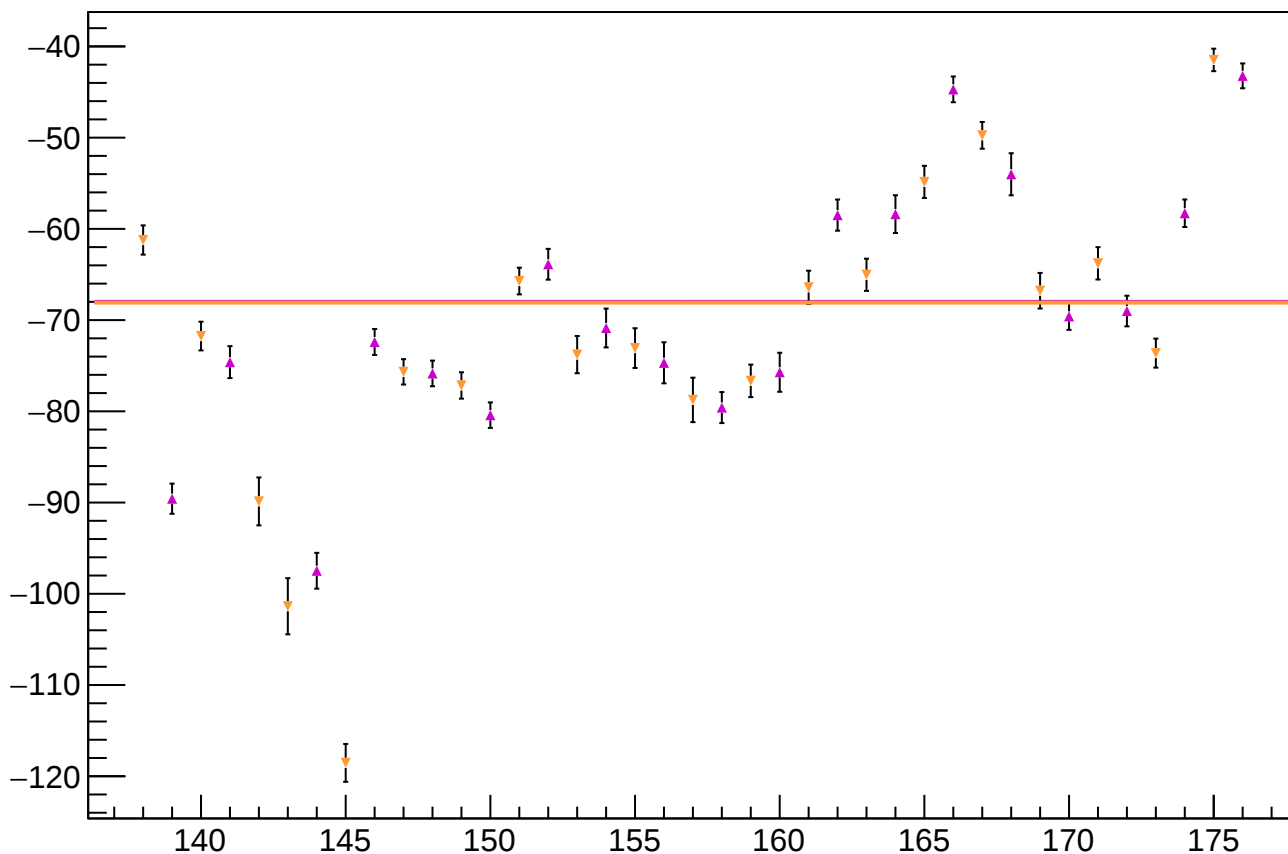
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:56.4/35

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:47.5/37

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 103.9/73

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: -68.079+/-0.386 χ^2/NDF :1628.3/19

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

Left In: -68.005+/-0.382 χ^2/NDF :1339.8/18

Left: -68.042+/-0.272 χ^2/NDF : 2968.2/38

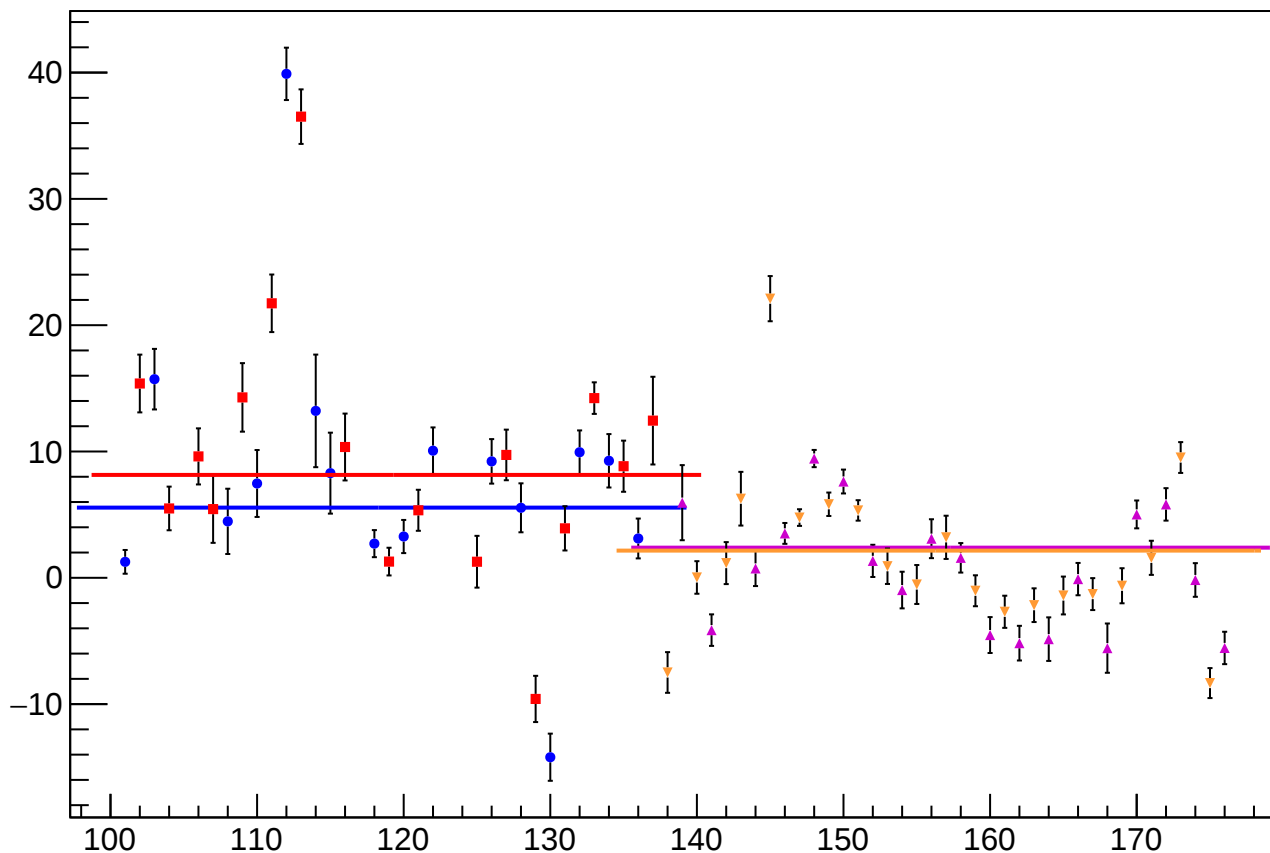
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.005+/-0.382 χ^2/NDF :1339.8/18

Out: -68.079+/-0.386 χ^2/NDF :1628.3/19

All: -68.042+/-0.272 χ^2/NDF : 2968.2/38

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.154 ± 0.272 $\chi^2/\text{NDF}: 381.6/19$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.388 ± 0.276 $\chi^2/\text{NDF}: 323.5/18$

Left: 2.269 ± 0.194 $\chi^2/\text{NDF}: 705.4/38$

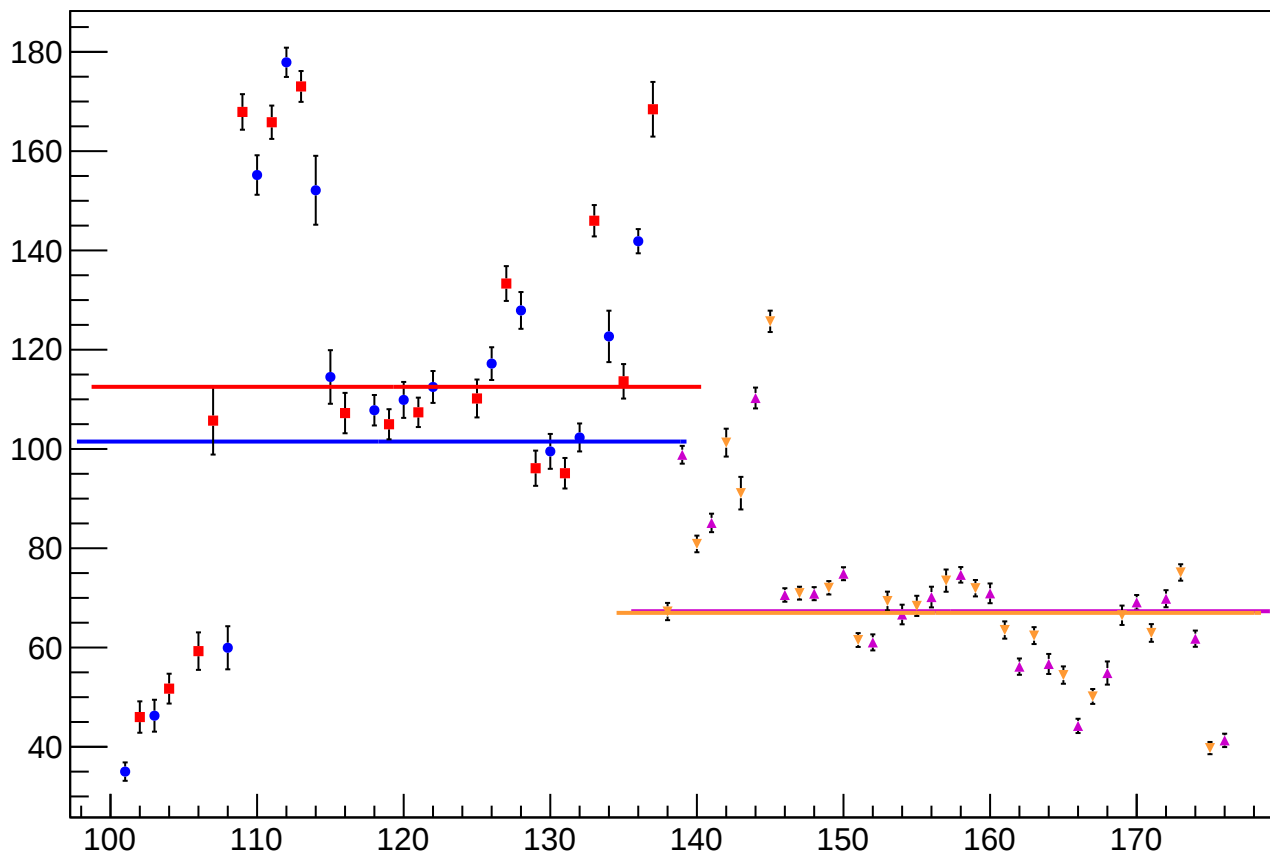
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.333 ± 0.232 $\chi^2/\text{NDF}: 824.7/34$

Out: 3.736 ± 0.233 $\chi^2/\text{NDF}: 916.4/36$

All: 3.533 ± 0.164 $\chi^2/\text{NDF}: 1742.6/71$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 66.984 $\pm$ 0.380 χ^2 /NDF:1780.5/19

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 67.315 $\pm$ 0.376 χ^2 /NDF:1654.8/18

Left: 67.151 $\pm$ 0.268 χ^2 /NDF: 3435.7/38

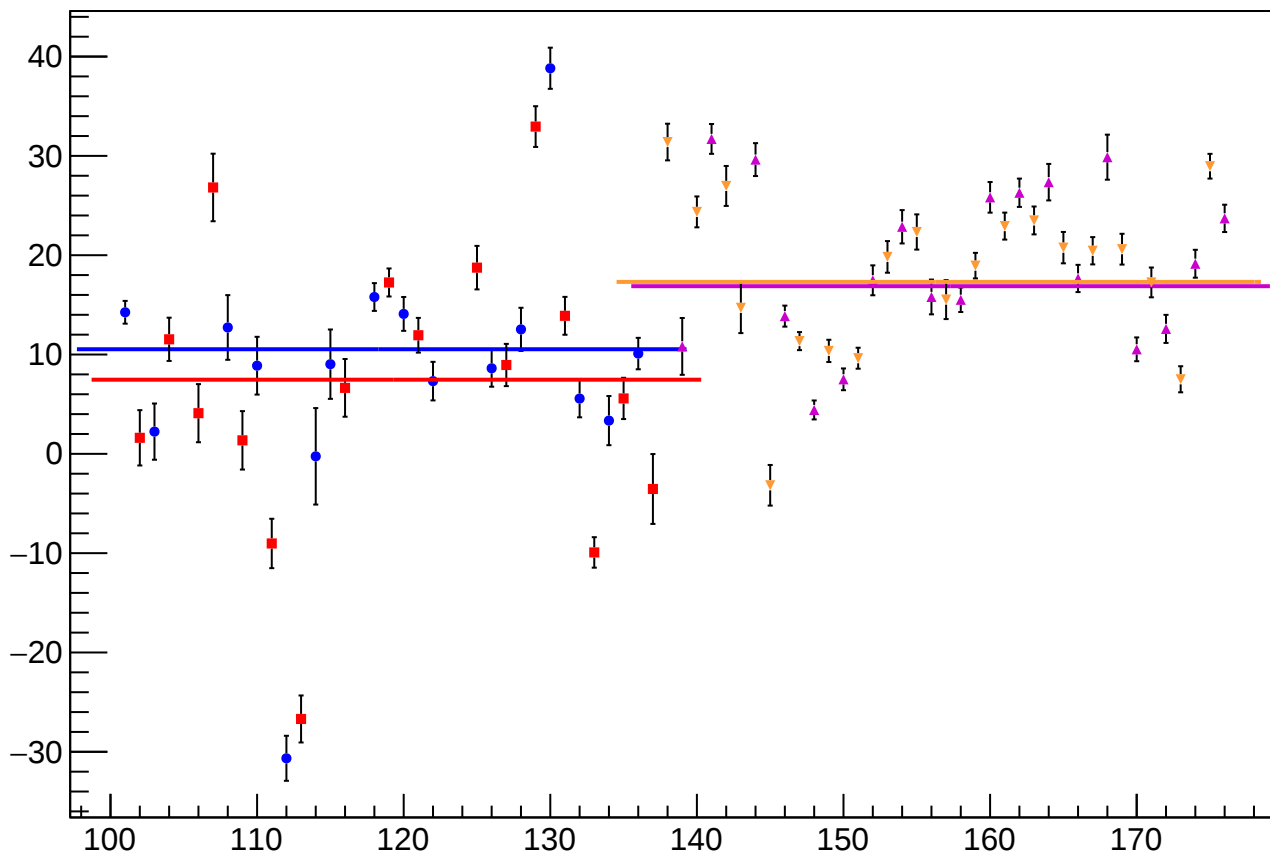
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 73.409 $\pm$ 0.341 χ^2 /NDF:6097.3/34

Out: 74.687 $\pm$ 0.347 χ^2 /NDF:6440.5/36

All: 74.038 $\pm$ 0.243 χ^2 /NDF: 12544.7/71

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: 17.313 $\pm$ 0.318 χ^2 /NDF: 544.7/19

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.880 $\pm$ 0.321 χ^2 /NDF: 635.2/18

Left: 17.098 $\pm$ 0.226 χ^2 /NDF: 1180.8/38

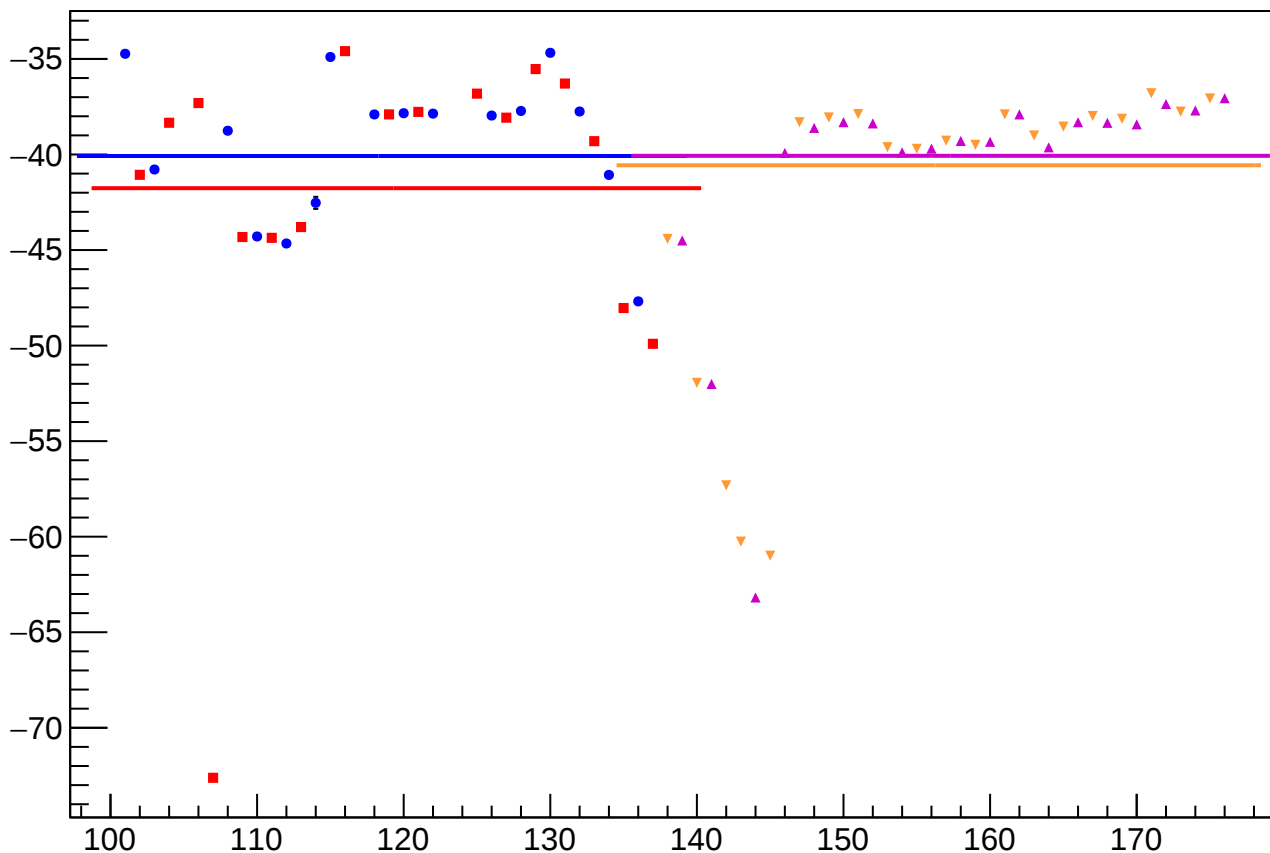
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.989 $\pm$ 0.269 χ^2 /NDF: 1332.0/34

Out: 14.671 $\pm$ 0.272 χ^2 /NDF: 1487.1/36

All: 14.832 $\pm$ 0.191 χ^2 /NDF: 2819.7/71

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -40.565 $\pm$ 0.015 χ^2 /NDF:149953.9/19

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -40.069 $\pm$ 0.015 χ^2 /NDF:104910.1/18

Left: -40.311 $\pm$ 0.011 χ^2 /NDF: 255405.3/38

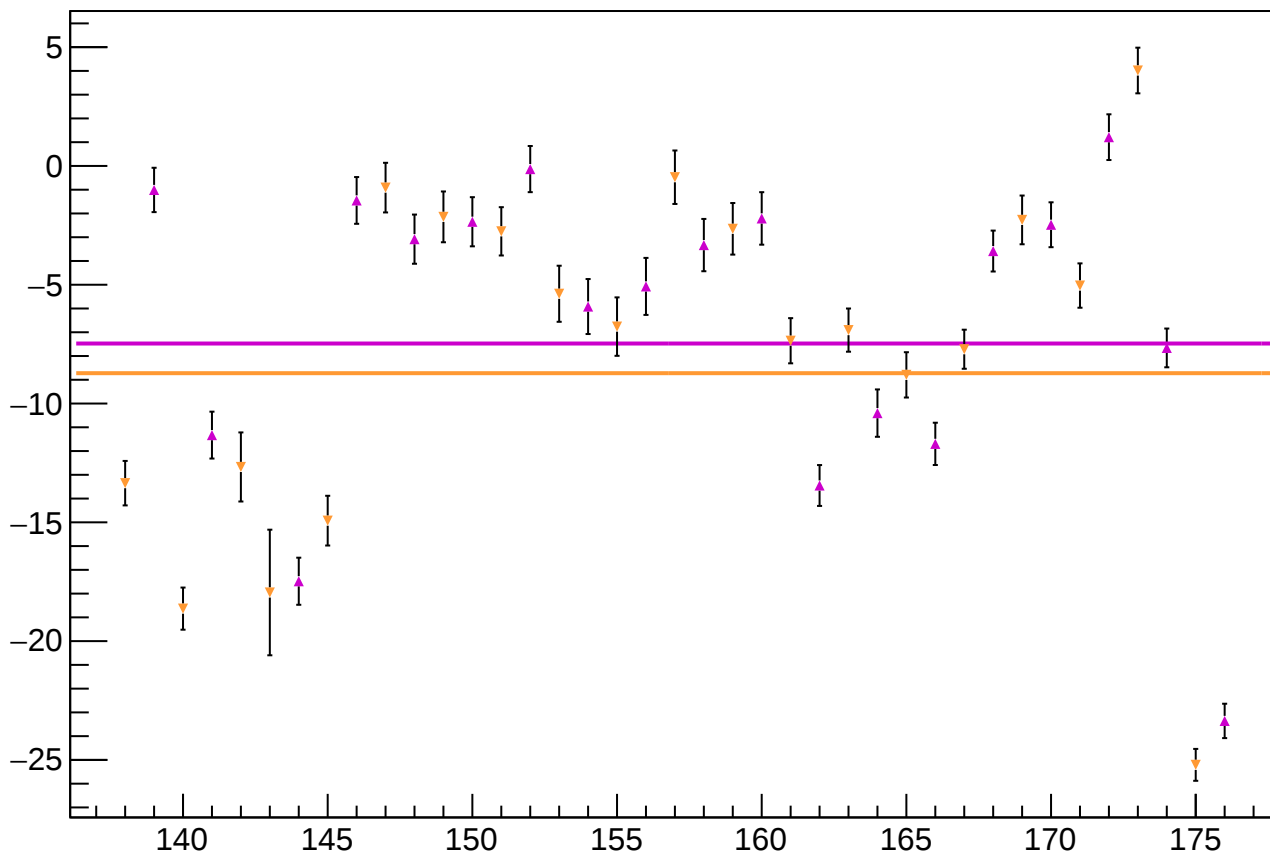
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -40.071 $\pm$ 0.013 χ^2 /NDF:130057.1/34

Out: -40.827 $\pm$ 0.013 χ^2 /NDF:211551.2/36

All: -40.440 $\pm$ 0.009 χ^2 /NDF: 343216.0/71

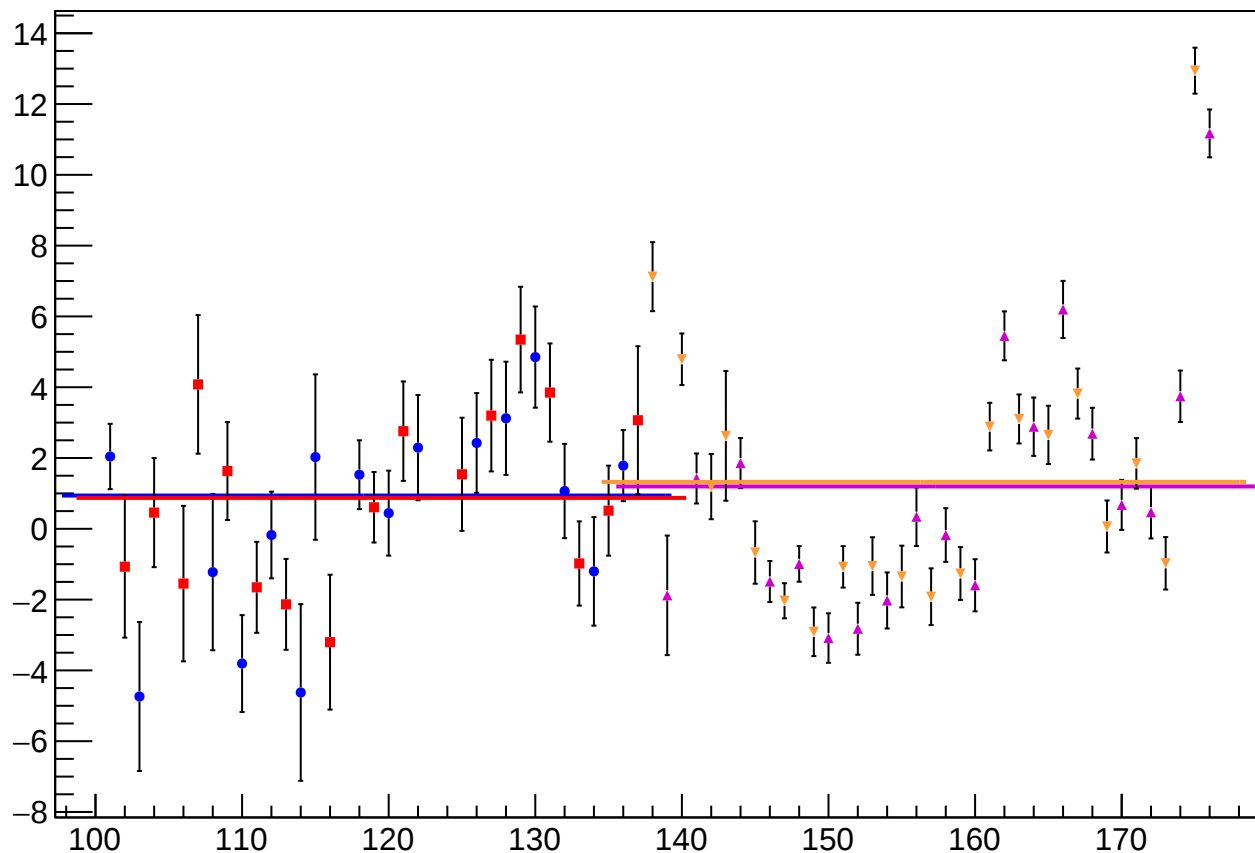
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.723 $\pm$ 0.224 χ^2 /NDF:1269.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.474 $\pm$ 0.219 χ^2 /NDF:1036.5/18

Left: -8.086 $\pm$ 0.156 χ^2 /NDF: 2322.3/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.474 $\pm$ 0.219 χ^2 /NDF:1036.5/18
 Out: -8.723 $\pm$ 0.224 χ^2 /NDF:1269.8/19
 All: -8.086 $\pm$ 0.156 χ^2 /NDF: 2322.3/38

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.326 ± 0.165 $\chi^2/\text{NDF}: 571.4/19$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 1.196 ± 0.165 $\chi^2/\text{NDF}: 463.6/18$

Left: 1.261 ± 0.117 $\chi^2/\text{NDF}: 1035.3/38$

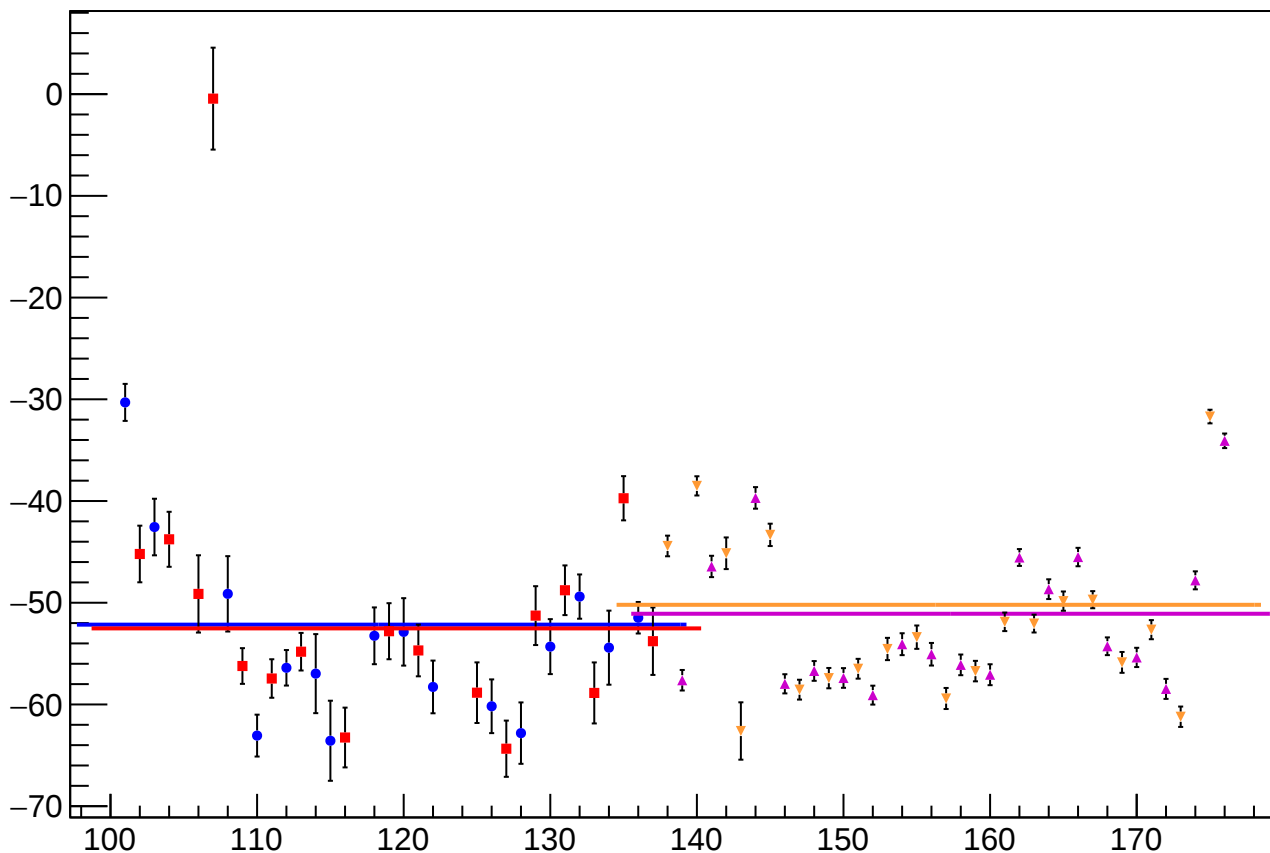
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 1.147 ± 0.148 $\chi^2/\text{NDF}: 506.2/34$

Out: 1.245 ± 0.149 $\chi^2/\text{NDF}: 613.3/36$

All: 1.196 ± 0.105 $\chi^2/\text{NDF}: 1119.8/71$

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: -50.203 ± 0.221 χ^2/NDF : 1494.0/19

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -51.083 ± 0.217 χ^2/NDF : 1215.7/18

Left: -50.652 ± 0.155 χ^2/NDF : 2717.8/38

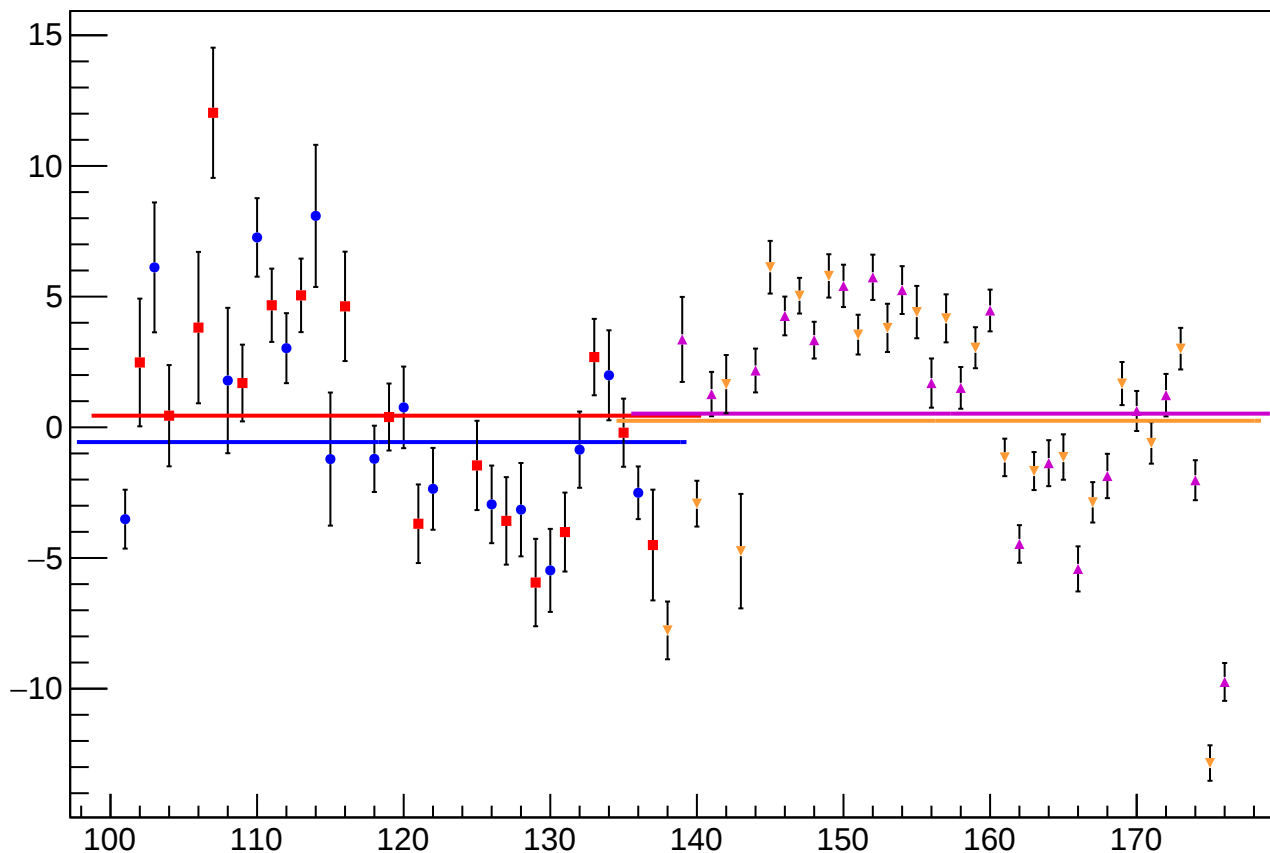
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -51.203 ± 0.205 χ^2/NDF : 1449.5/34

Out: -50.467 ± 0.208 χ^2/NDF : 1724.2/36

All: -50.841 ± 0.146 χ^2/NDF : 3180.1/71

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: 0.250 ± 0.189 χ^2/NDF : 699.6/19

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 0.523 ± 0.189 χ^2/NDF : 496.5/18

Left: 0.387 ± 0.133 χ^2/NDF : 1197.1/38

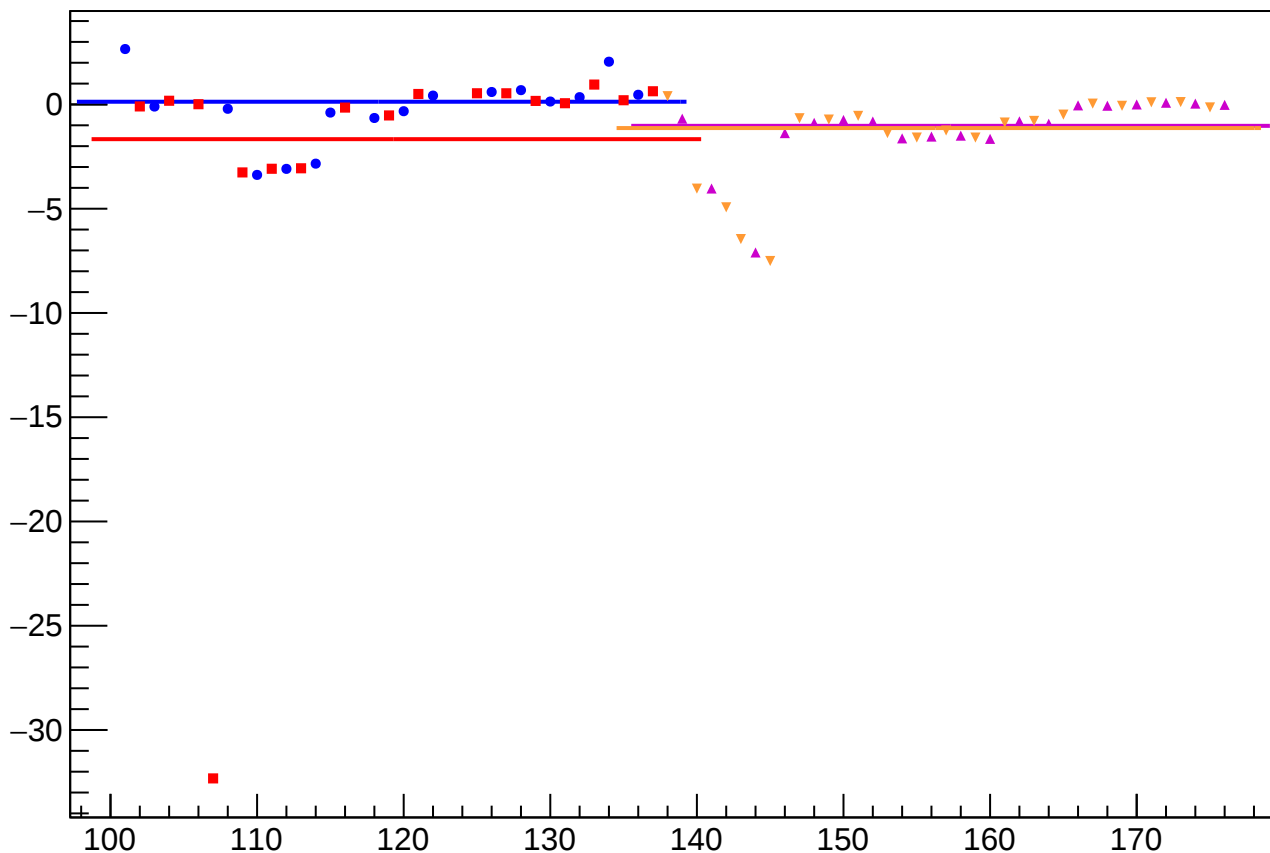
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 0.312 ± 0.169 χ^2/NDF : 584.8/34

Out: 0.285 ± 0.171 χ^2/NDF : 793.9/36

All: 0.299 ± 0.120 χ^2/NDF : 1378.7/71

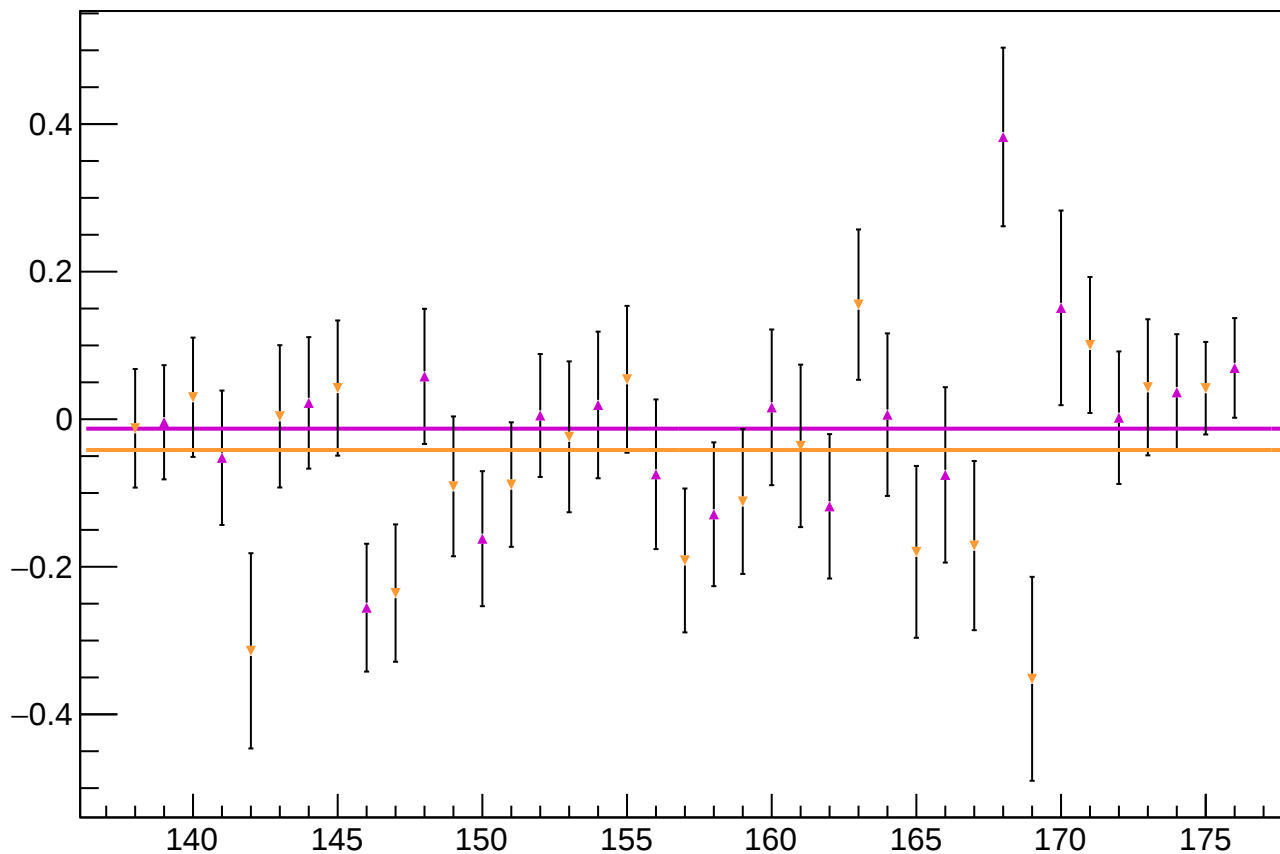
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.132 ± 0.009 $\chi^2/\text{NDF}: 40817.4/19$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.026 ± 0.008 $\chi^2/\text{NDF}: 28958.2/18$

Left: -1.077 ± 0.006 $\chi^2/\text{NDF}: 69852.4/38$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.870 ± 0.008 $\chi^2/\text{NDF}: 36689.3/34$
 Out: -1.206 ± 0.008 $\chi^2/\text{NDF}: 118930.0/36$
 All: -1.033 ± 0.006 $\chi^2/\text{NDF}: 156497.1/71$

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: -0.042 $\pm$ 0.021 χ^2 /NDF:31.4/19

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

Left In: -0.013 $\pm$ 0.021 χ^2 /NDF:29.0/18

Left: -0.027 $\pm$ 0.015 χ^2 /NDF: 61.4/38

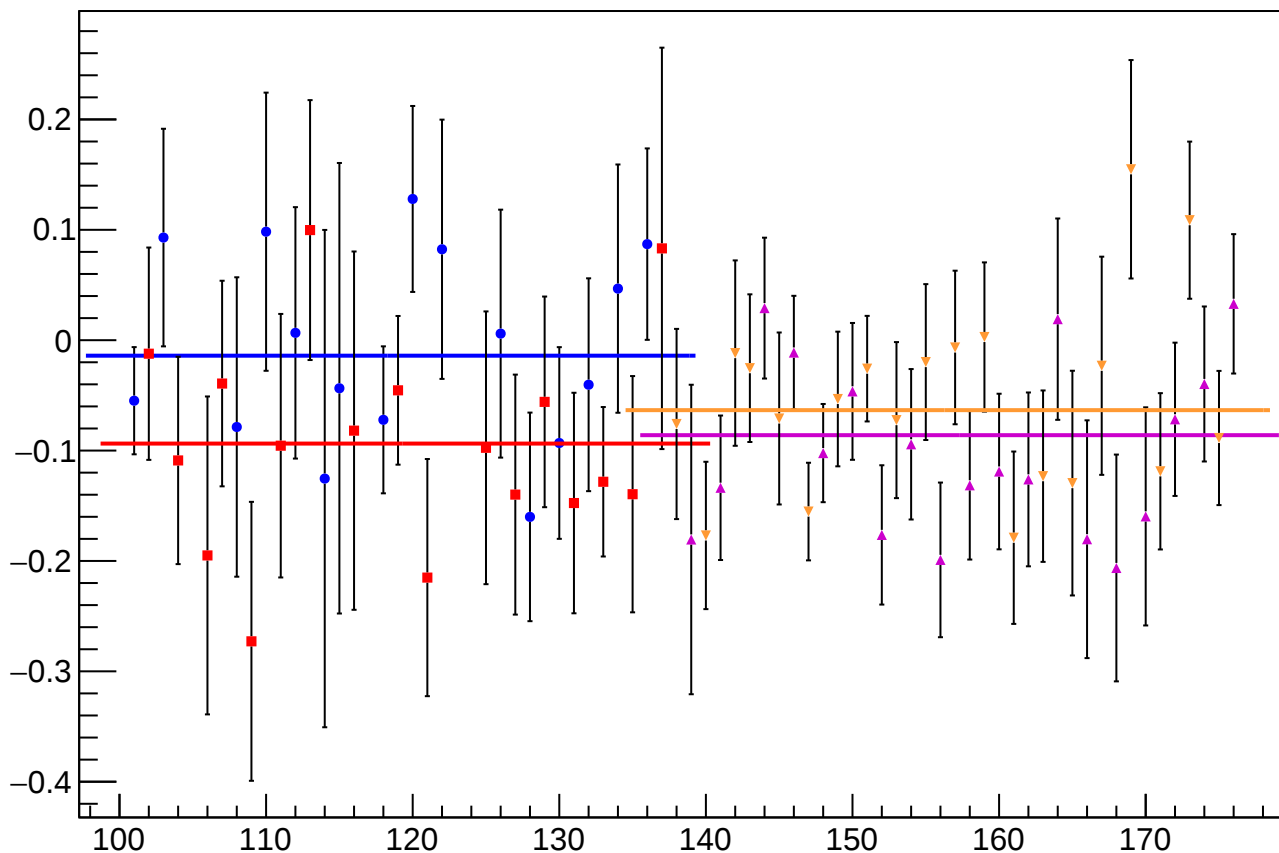
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.013 $\pm$ 0.021 χ^2 /NDF:29.0/18

Out: -0.042 $\pm$ 0.021 χ^2 /NDF:31.4/19

All: -0.027 $\pm$ 0.015 χ^2 /NDF: 61.4/38

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.063 ± 0.015 $\chi^2/\text{NDF}: 25.5/19$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.086 ± 0.016 $\chi^2/\text{NDF}: 20.6/18$

Left: -0.074 ± 0.011 $\chi^2/\text{NDF}: 47.1/38$

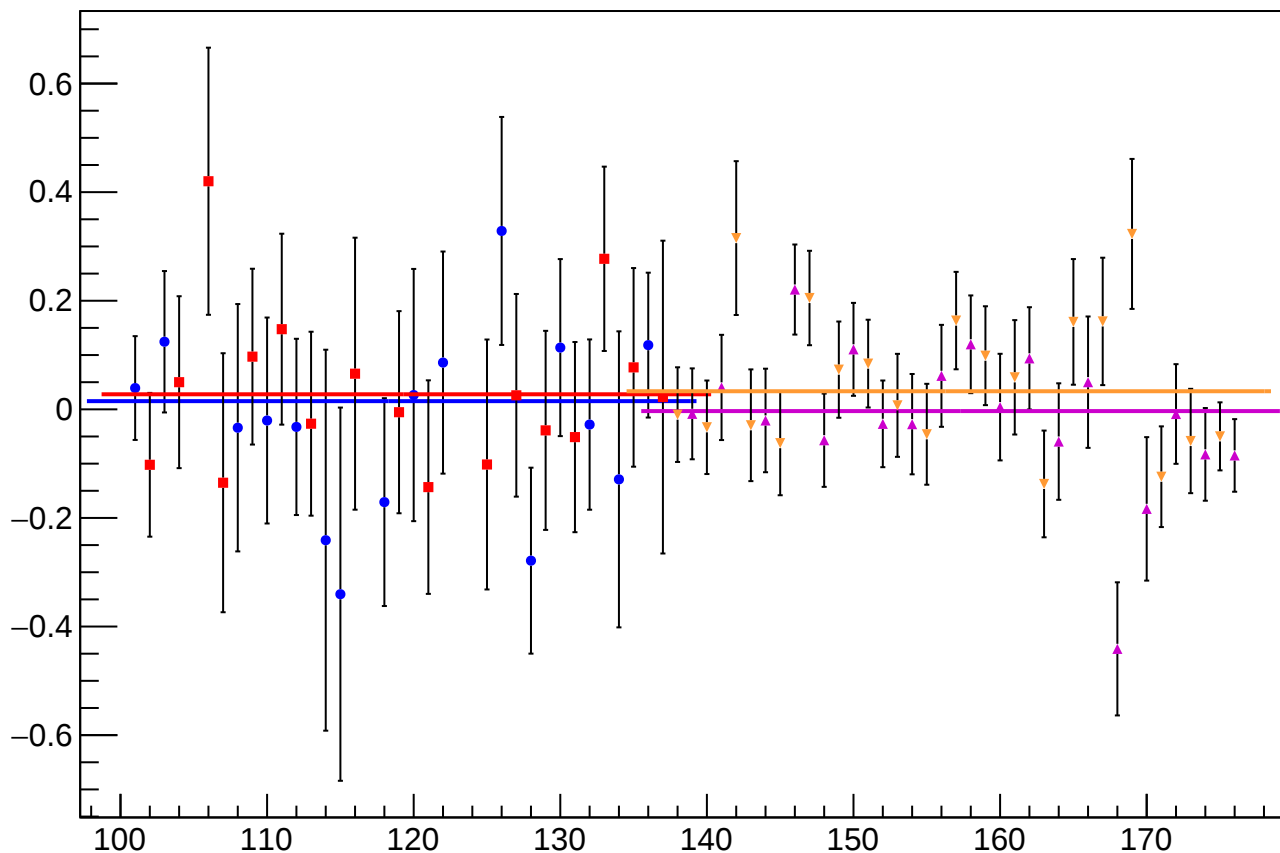
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.063 ± 0.013 $\chi^2/\text{NDF}: 39.6/34$

Out: -0.072 ± 0.013 $\chi^2/\text{NDF}: 36.7/36$

All: -0.068 ± 0.009 $\chi^2/\text{NDF}: 76.4/71$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.033 $\pm$ 0.021 χ^2 /NDF: 29.5/19

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: -0.003 $\pm$ 0.021 χ^2 /NDF: 30.7/18

Left: 0.015 $\pm$ 0.015 χ^2 /NDF: 61.7/38

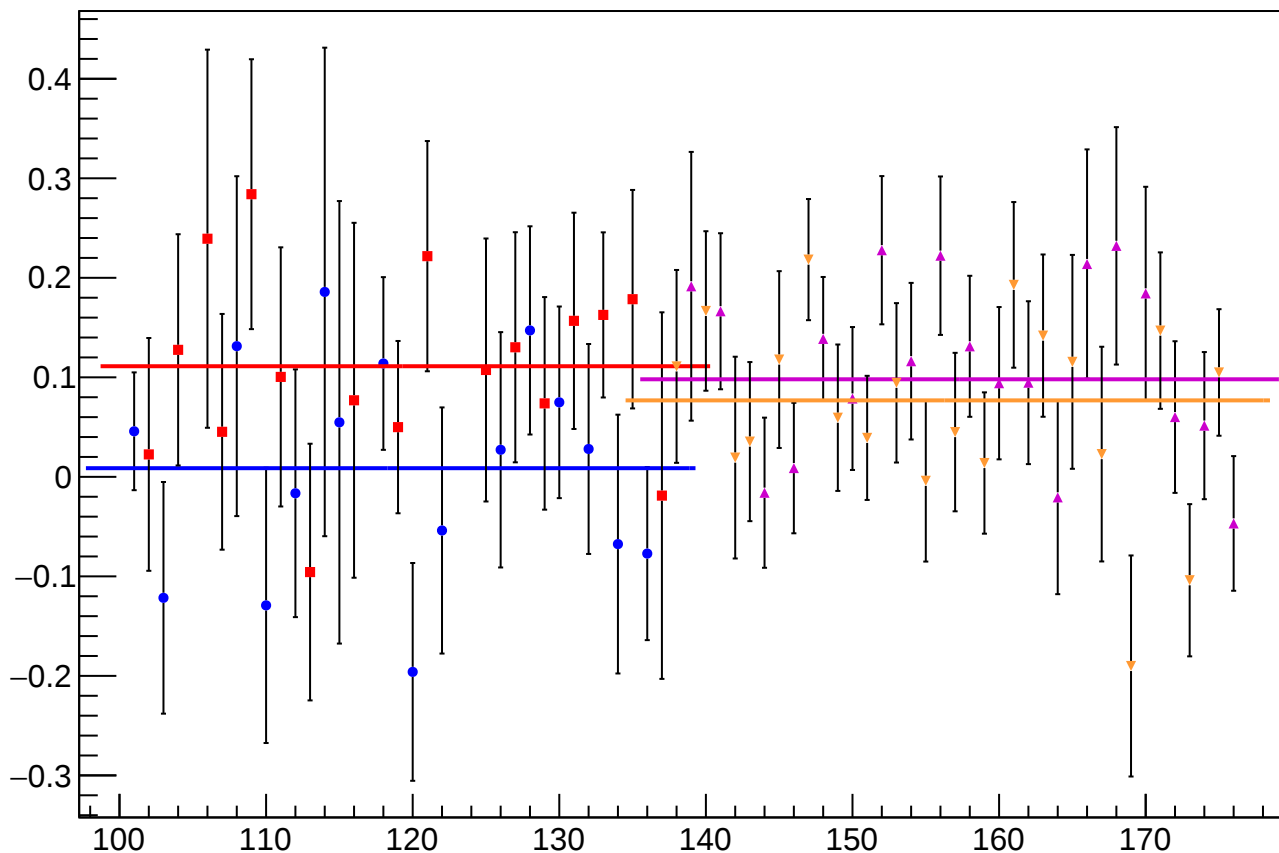
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.000 $\pm$ 0.019 χ^2 /NDF: 40.9/34

Out: 0.032 $\pm$ 0.019 χ^2 /NDF: 38.0/36

All: 0.016 $\pm$ 0.013 χ^2 /NDF: 80.4/71

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 χ^2/NDF : 12.6/15

Left Out: 0.077 ± 0.018 χ^2/NDF : 25.3/19

Right Out: 0.111 ± 0.029 χ^2/NDF : 8.6/16

Left In: 0.098 ± 0.018 χ^2/NDF : 21.3/18

Left: 0.087 ± 0.013 χ^2/NDF : 47.2/38

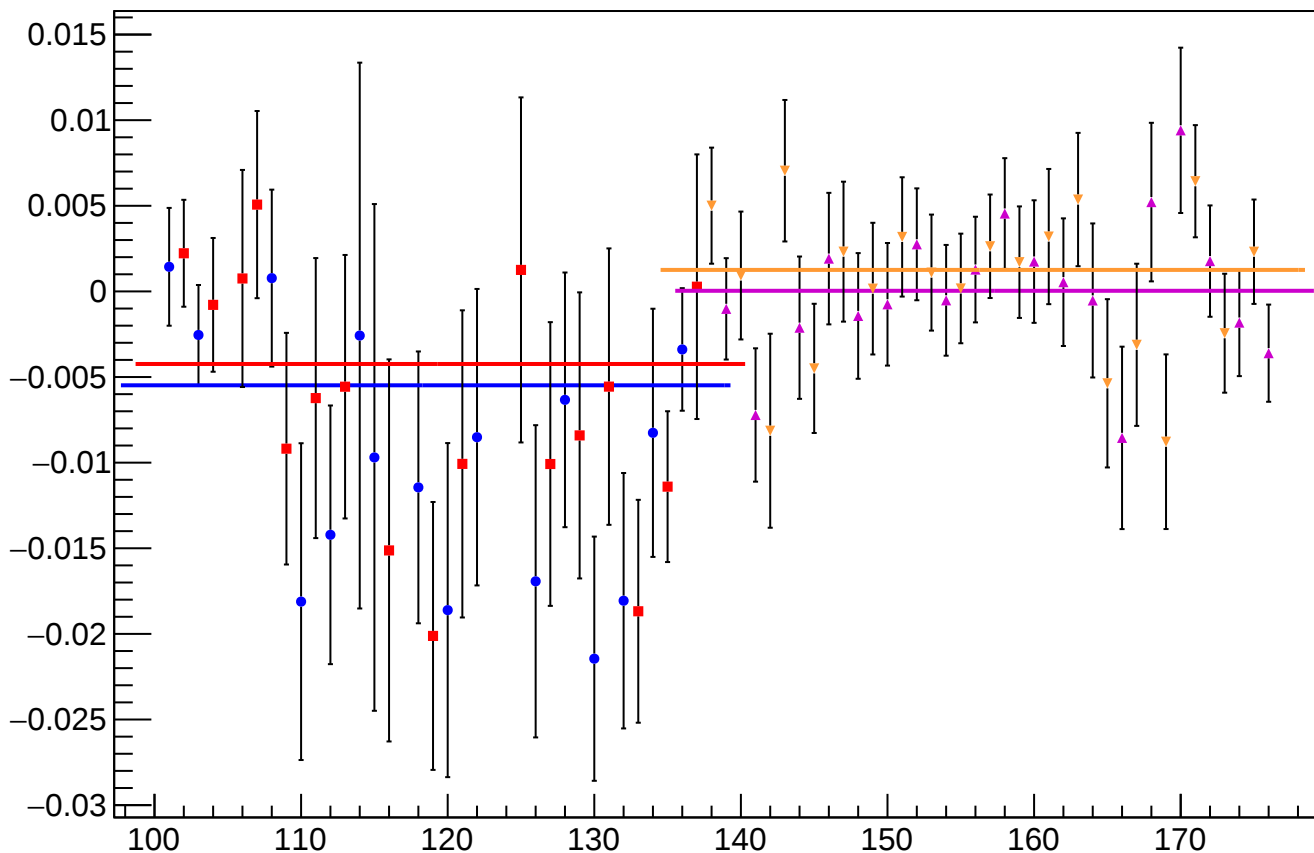
Right: 0.057 ± 0.020 χ^2/NDF : 28.0/32

In: 0.070 ± 0.015 χ^2/NDF : 41.4/34

Out: 0.086 ± 0.015 χ^2/NDF : 34.9/36

All: 0.078 ± 0.011 χ^2/NDF : 76.9/71

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2/NDF :20.7/19

Right Out: -0.004 $\pm$ 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 $\pm$ 0.001 χ^2/NDF :17.3/18

Left: 0.001 $\pm$ 0.001 χ^2/NDF : 39.1/38

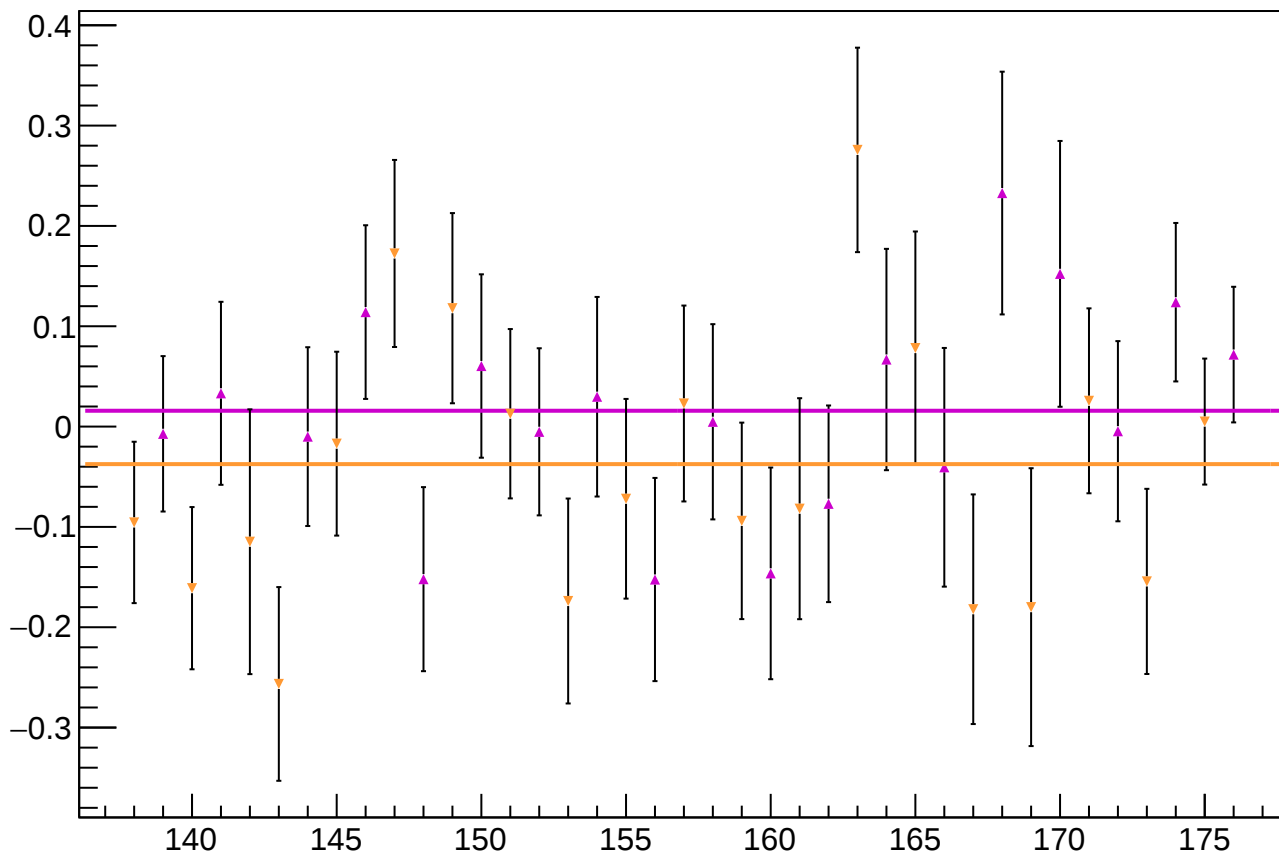
Right: -0.005 $\pm$ 0.001 χ^2/NDF : 46.3/32

In: -0.001 $\pm$ 0.001 χ^2/NDF :50.7/34

Out: -0.000 $\pm$ 0.001 χ^2/NDF :55.0/36

All: -0.001 $\pm$ 0.001 χ^2/NDF : 107.2/71

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: -0.037 $\pm$ 0.021 χ^2 /NDF:34.9/19

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

Left In: 0.016 $\pm$ 0.021 χ^2 /NDF:18.5/18

Left: -0.011 $\pm$ 0.015 χ^2 /NDF: 56.6/38

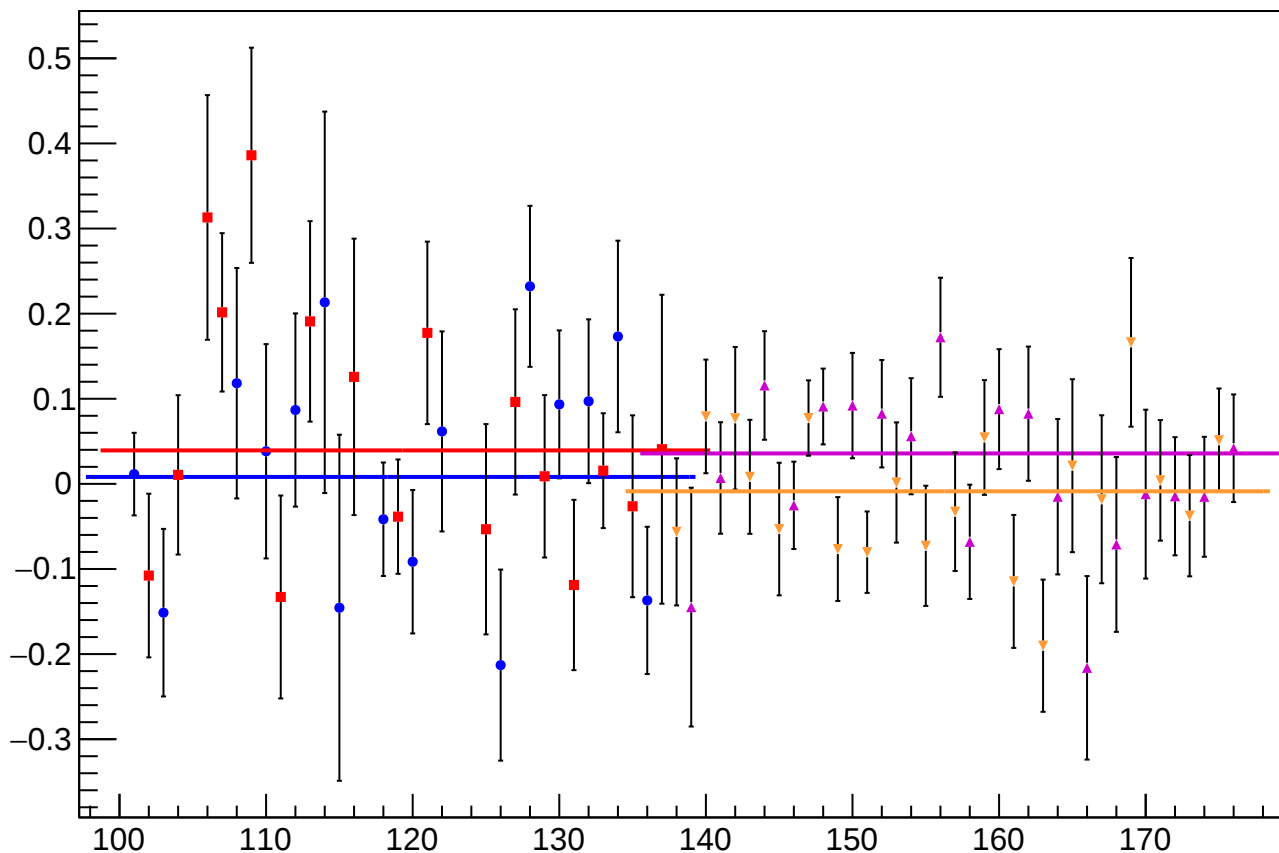
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.016 $\pm$ 0.021 χ^2 /NDF:18.5/18

Out: -0.037 $\pm$ 0.021 χ^2 /NDF:34.9/19

All: -0.011 $\pm$ 0.015 χ^2 /NDF: 56.6/38

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: -0.009 $\pm$ 0.015 χ^2 /NDF:24.3/19

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.036 $\pm$ 0.016 χ^2 /NDF:23.1/18

Left: 0.013 $\pm$ 0.011 χ^2 /NDF: 51.4/38

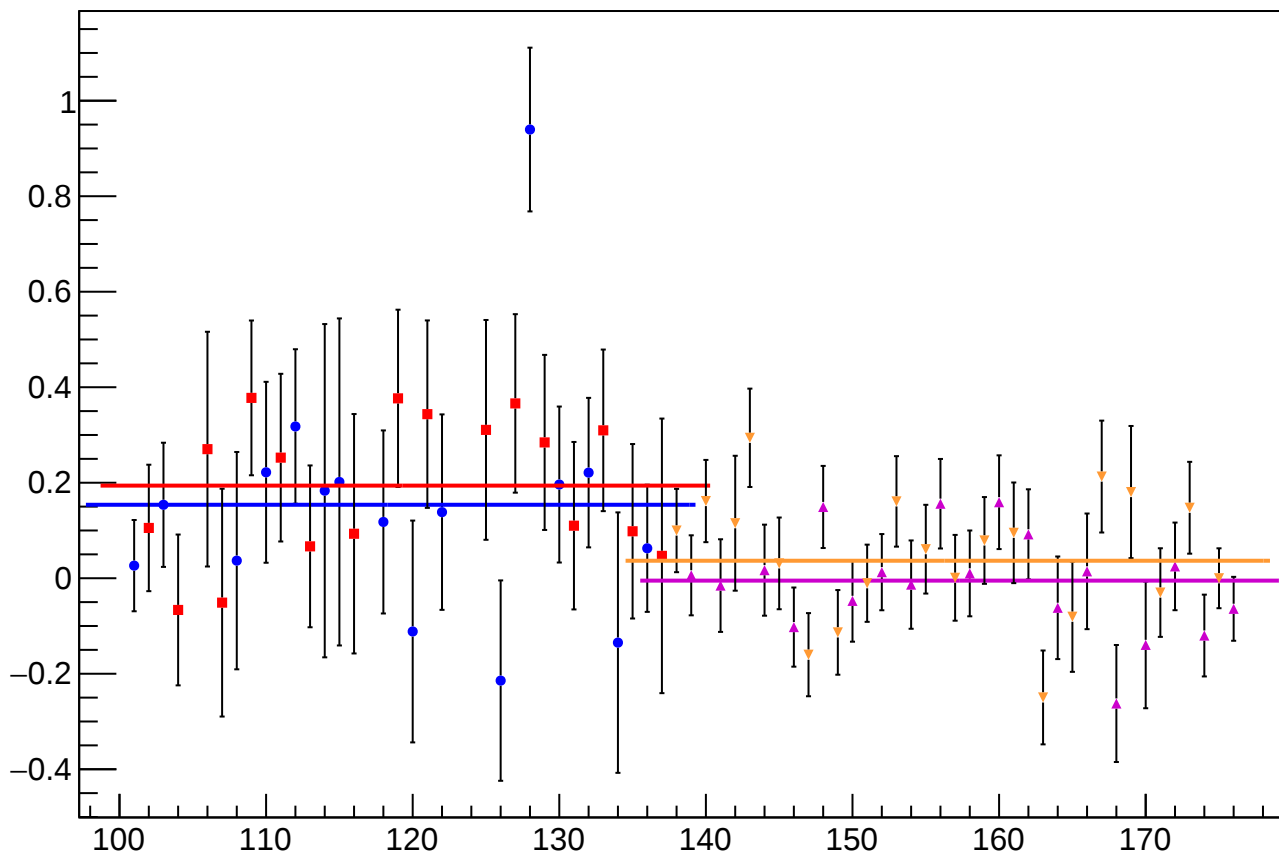
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.027 $\pm$ 0.013 χ^2 /NDF:47.7/34

Out: 0.005 $\pm$ 0.013 χ^2 /NDF:54.6/36

All: 0.016 $\pm$ 0.009 χ^2 /NDF: 103.7/71

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: 0.037 $\pm$ 0.021 χ^2 /NDF:35.0/19

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: -0.005 $\pm$ 0.021 χ^2 /NDF:20.2/18

Left: 0.016 $\pm$ 0.015 χ^2 /NDF: 57.2/38

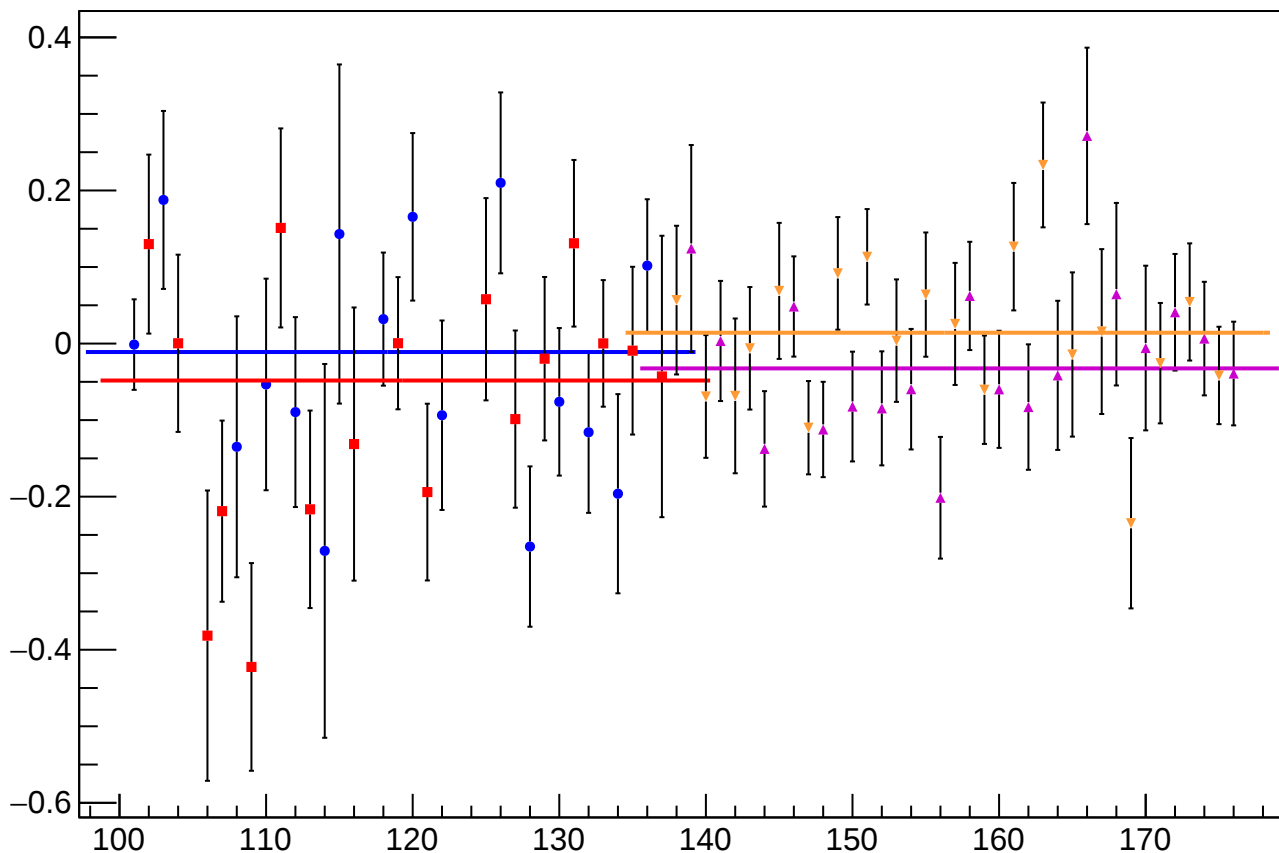
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.026 $\pm$ 0.019 χ^2 /NDF:61.8/34

Out: 0.065 $\pm$ 0.019 χ^2 /NDF:55.7/36

All: 0.045 $\pm$ 0.013 χ^2 /NDF: 119.6/71

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: 0.014 ± 0.018 χ^2/NDF : 27.1/19

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.032 ± 0.018 χ^2/NDF : 23.5/18

Left: -0.009 ± 0.013 χ^2/NDF : 53.9/38

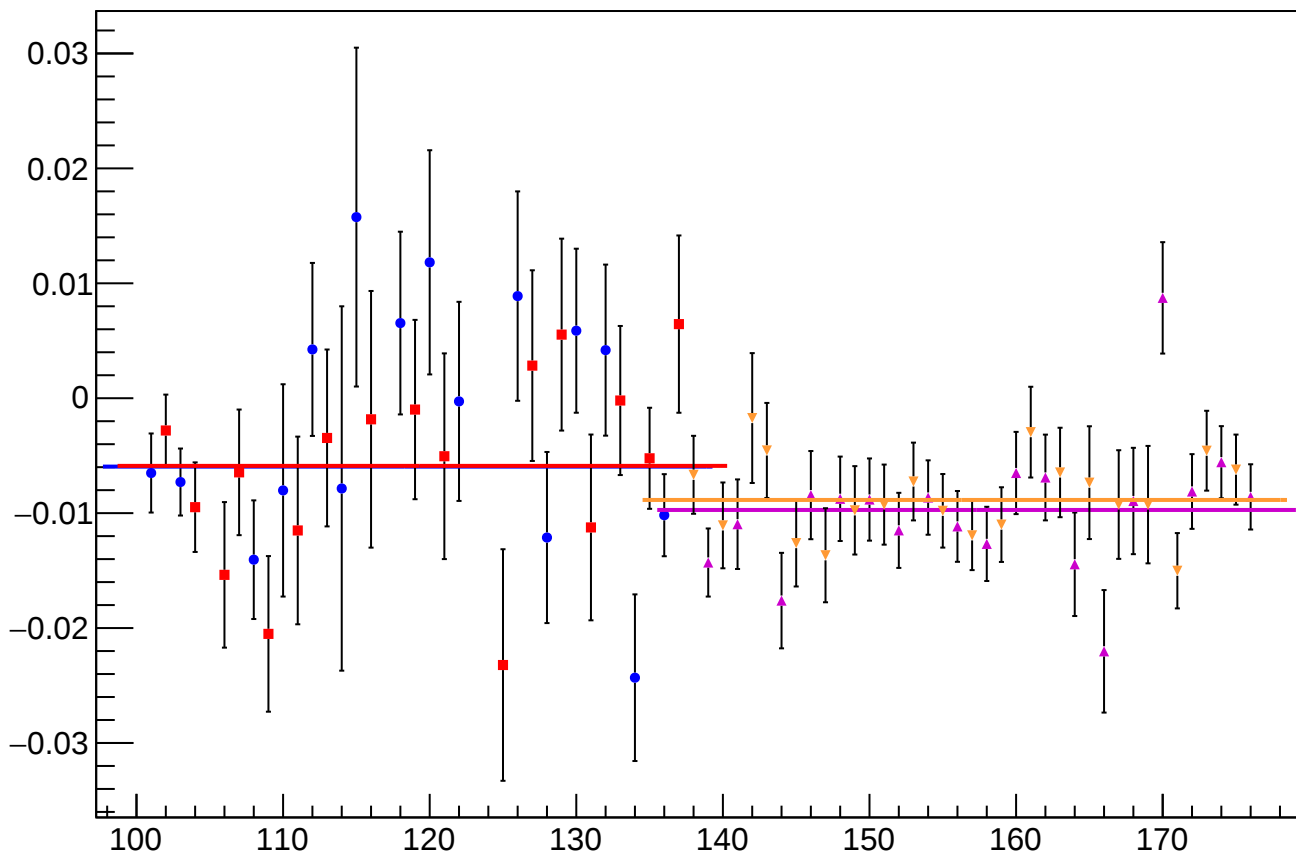
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.026 ± 0.015 χ^2/NDF : 47.3/34

Out: -0.003 ± 0.015 χ^2/NDF : 56.1/36

All: -0.015 ± 0.011 χ^2/NDF : 104.5/71

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2/NDF : 16.2/19

Right Out: -0.006 $\pm$ 0.001 χ^2/NDF : 19.6/16

Left In: -0.010 $\pm$ 0.001 χ^2/NDF : 32.3/18

Left: -0.009 $\pm$ 0.001 χ^2/NDF : 49.0/38

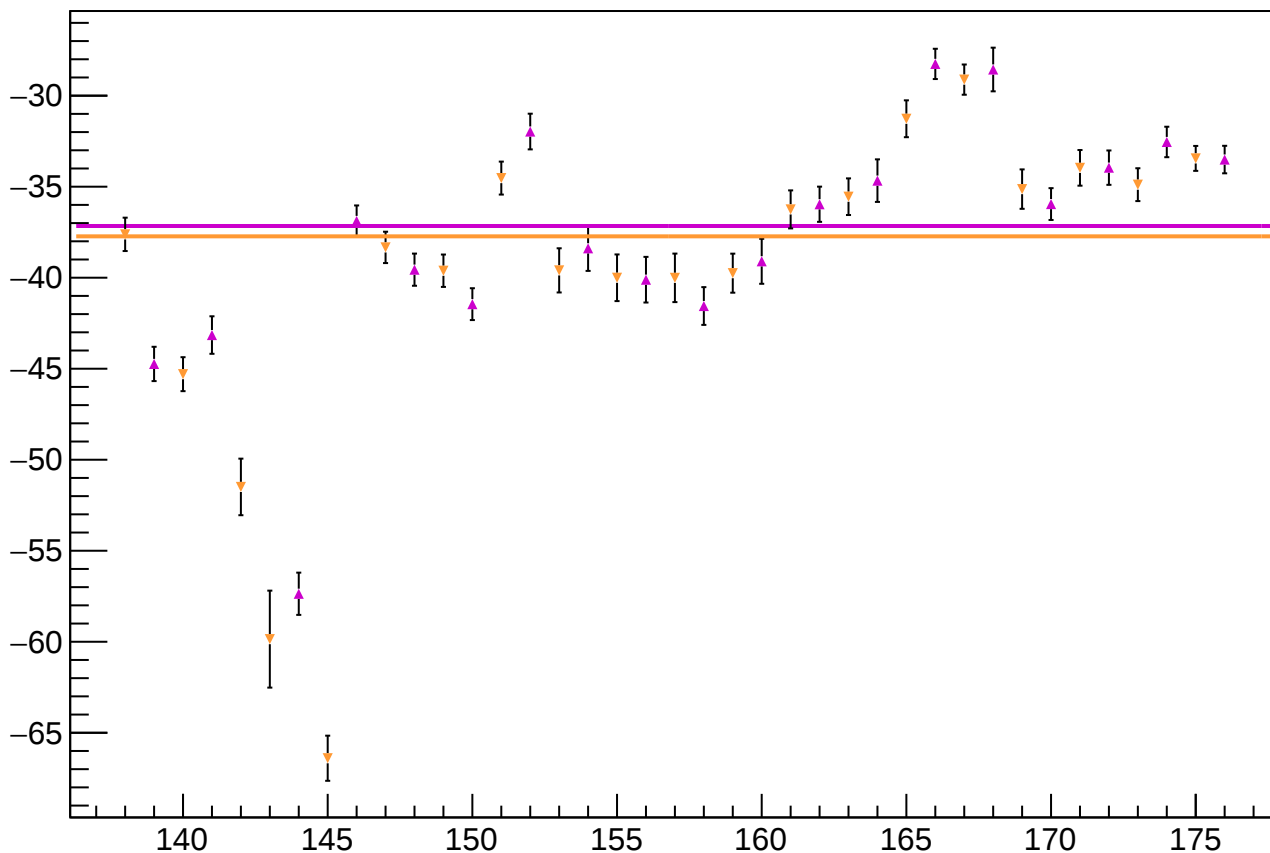
Right: -0.006 $\pm$ 0.001 χ^2/NDF : 48.3/32

In: -0.009 $\pm$ 0.001 χ^2/NDF : 66.2/34

Out: -0.008 $\pm$ 0.001 χ^2/NDF : 38.9/36

All: -0.008 $\pm$ 0.001 χ^2/NDF : 105.5/71

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



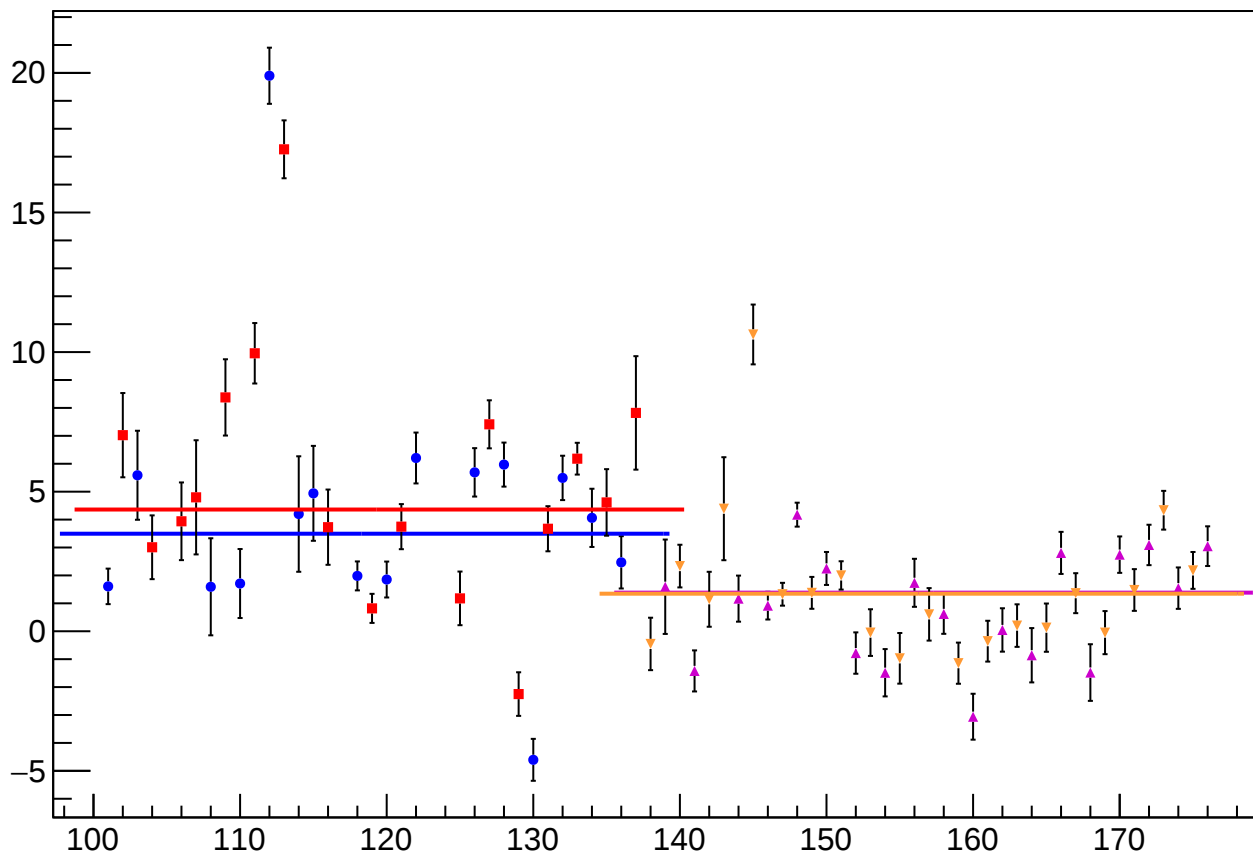
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -37.728+/-0.225 χ^2/NDF :1002.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.159+/-0.222 χ^2/NDF :727.5/18

Left: -37.440+/-0.158 χ^2/NDF : 1733.0/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.159+/-0.222 χ^2/NDF :727.5/18
 Out: -37.728+/-0.225 χ^2/NDF :1002.3/19

All: -37.440+/-0.158 χ^2/NDF : 1733.0/38

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494+/-0.218 χ^2/NDF : 444.9/15

Left Out: 1.345+/-0.162 χ^2/NDF :139.3/19

Right Out: 4.360+/-0.225 χ^2/NDF : 351.0/16

Left In: 1.383+/-0.163 χ^2/NDF :145.8/18

Left: 1.364+/-0.115 χ^2/NDF : 285.2/38

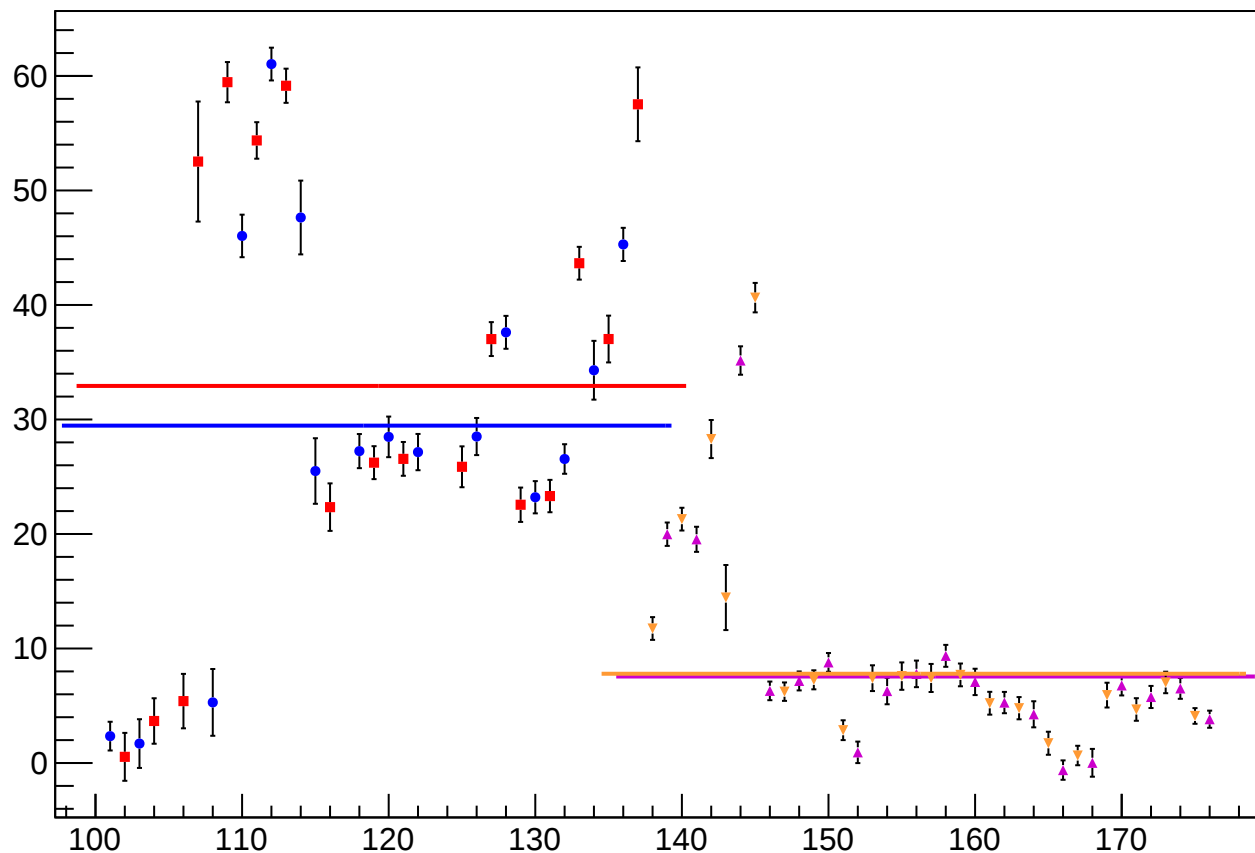
Right: 3.912+/-0.157 χ^2/NDF : 803.5/32

In: 2.143+/-0.131 χ^2/NDF :650.9/34

Out: 2.369+/-0.131 χ^2/NDF :608.5/36

All: 2.255+/-0.093 χ^2/NDF : 1260.9/71

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: 7.795 ± 0.223 χ^2/NDF : 1212.7/19

Right Out: 32.930 ± 0.423 χ^2/NDF : 1624.4/16

Left In: 7.554 ± 0.220 χ^2/NDF : 998.3/18

Left: 7.673 ± 0.156 χ^2/NDF : 2211.6/38

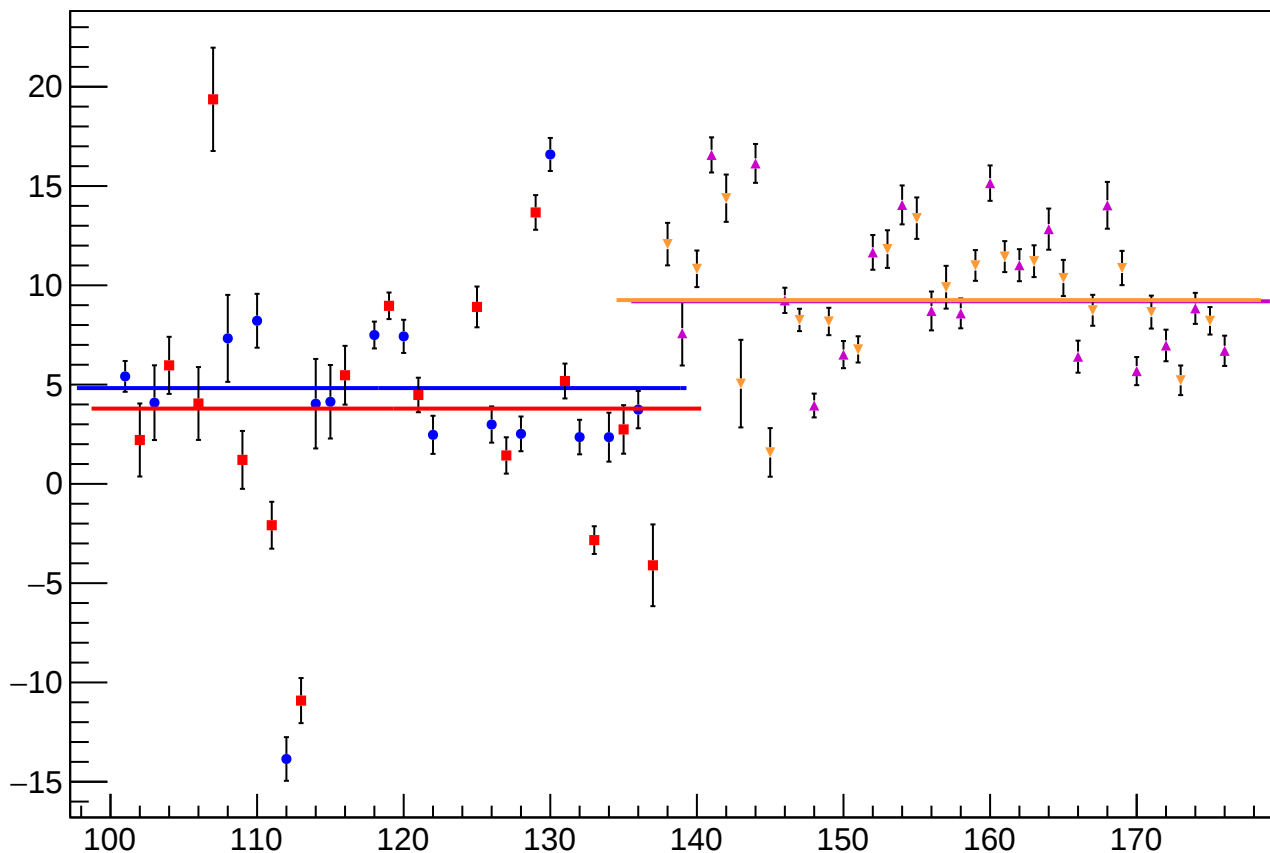
Right: 31.172 ± 0.297 χ^2/NDF : 3150.0/32

In: 12.299 ± 0.194 χ^2/NDF : 4647.1/34

Out: 13.233 ± 0.197 χ^2/NDF : 5597.5/36

All: 12.759 ± 0.138 χ^2/NDF : 10256.0/71

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.255 $\pm$ 0.187 χ^2 /NDF:170.8/19

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.195 $\pm$ 0.188 χ^2 /NDF:380.1/18

Left: 9.225 $\pm$ 0.133 χ^2 /NDF: 550.9/38

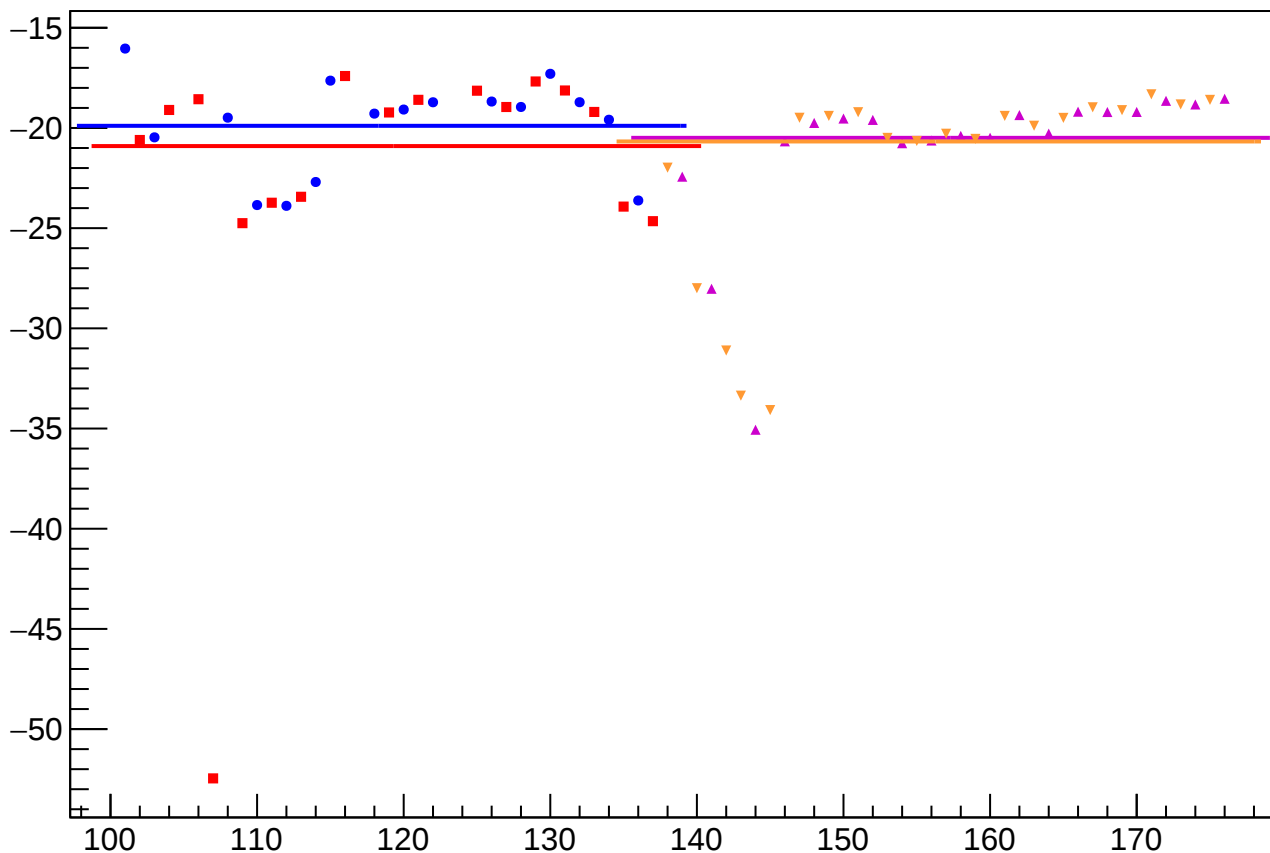
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.624 $\pm$ 0.151 χ^2 /NDF:1126.3/34

Out: 7.377 $\pm$ 0.152 χ^2 /NDF:1026.4/36

All: 7.501 $\pm$ 0.107 χ^2 /NDF: 2154.0/71

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.673 ± 0.009 $\chi^2/\text{NDF}: 157232.9/19$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -20.493 ± 0.009 $\chi^2/\text{NDF}: 118679.1/18$

Left: -20.581 ± 0.006 $\chi^2/\text{NDF}: 276123.7/38$

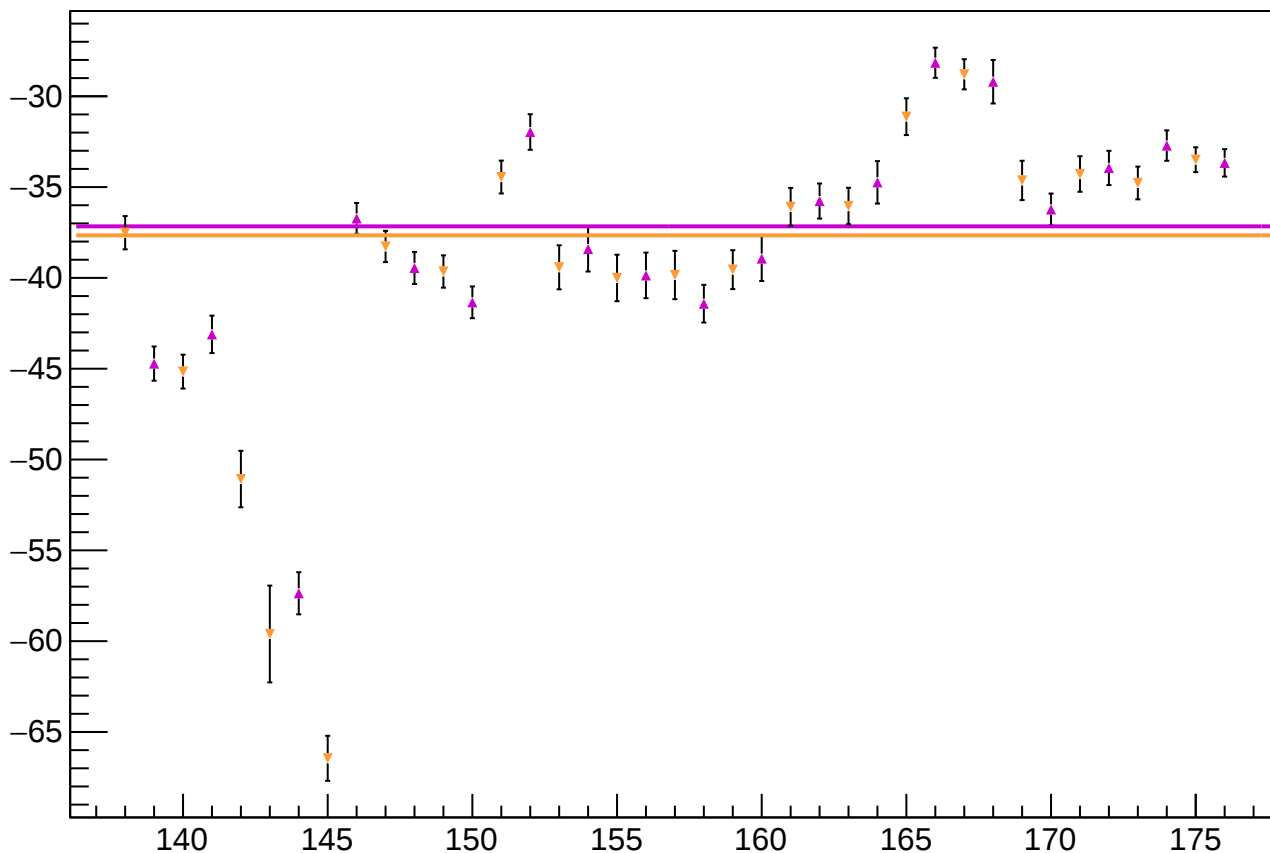
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.351 ± 0.008 $\chi^2/\text{NDF}: 145905.1/34$

Out: -20.729 ± 0.008 $\chi^2/\text{NDF}: 250197.8/36$

All: -20.536 ± 0.005 $\chi^2/\text{NDF}: 397321.3/71$

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: -37.656+/-0.225 χ^2/NDF :1004.5/19

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

Left In: -37.163+/-0.222 χ^2/NDF :714.4/18

Left: -37.406+/-0.158 χ^2/NDF : 1721.4/38

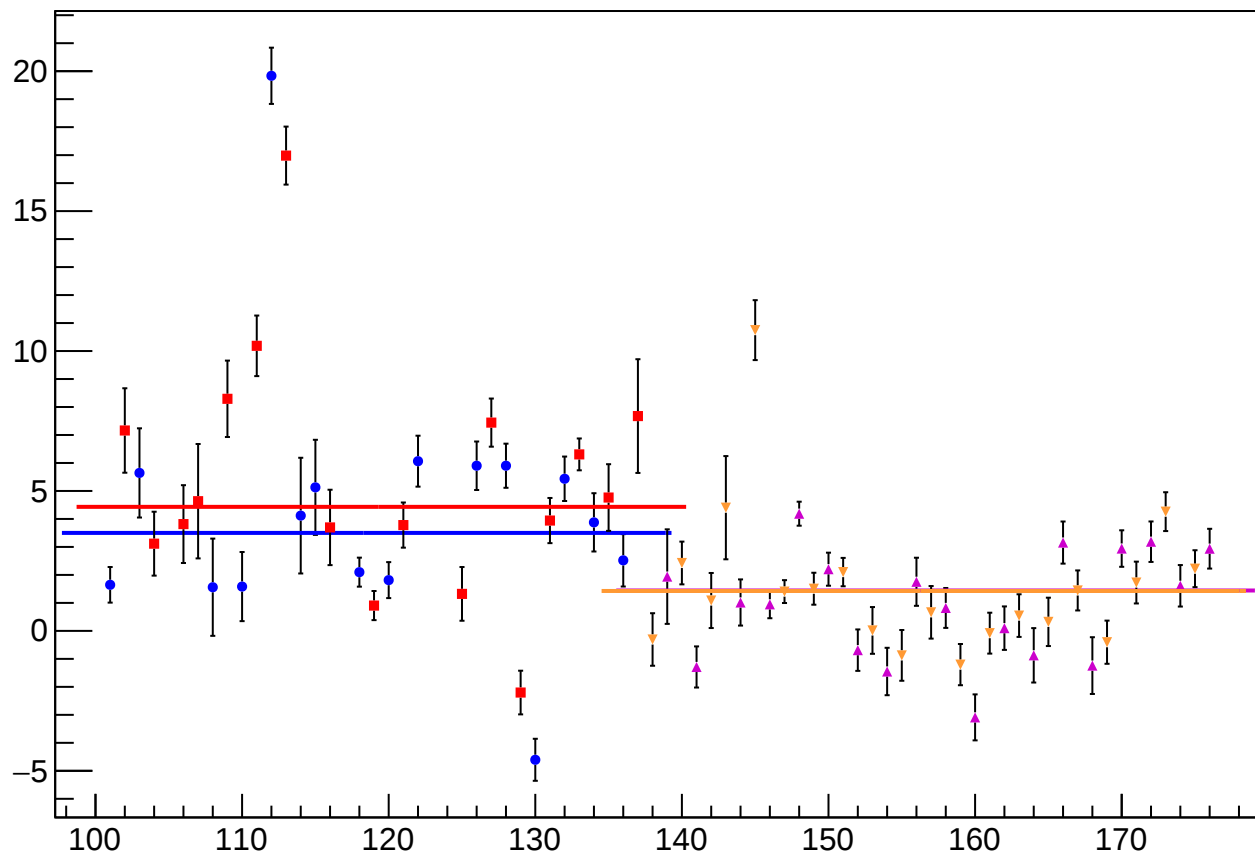
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.163+/-0.222 χ^2/NDF :714.4/18

Out: -37.656+/-0.225 χ^2/NDF :1004.5/19

All: -37.406+/-0.158 χ^2/NDF : 1721.4/38

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: 1.427 ± 0.161 χ^2/NDF : 139.3/19

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.443 ± 0.163 χ^2/NDF : 145.5/18

Left: 1.435 ± 0.115 χ^2/NDF : 284.9/38

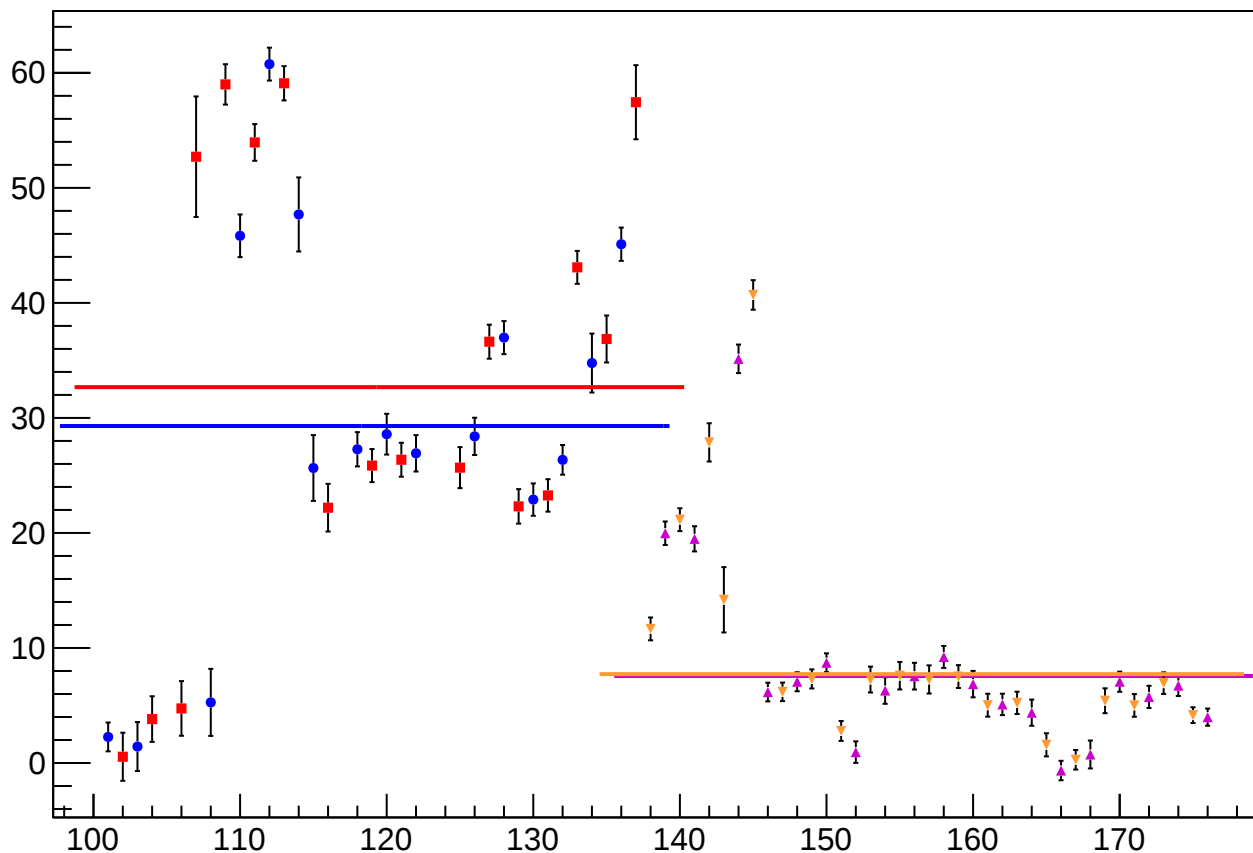
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.184 ± 0.131 χ^2/NDF : 644.7/34

Out: 2.447 ± 0.131 χ^2/NDF : 600.6/36

All: 2.315 ± 0.093 χ^2/NDF : 1247.3/71

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.727 $\pm$ 0.222 χ^2 /NDF:1213.6/19

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 7.566 $\pm$ 0.219 χ^2 /NDF:989.3/18

Left: 7.645 $\pm$ 0.156 χ^2 /NDF: 2203.1/38

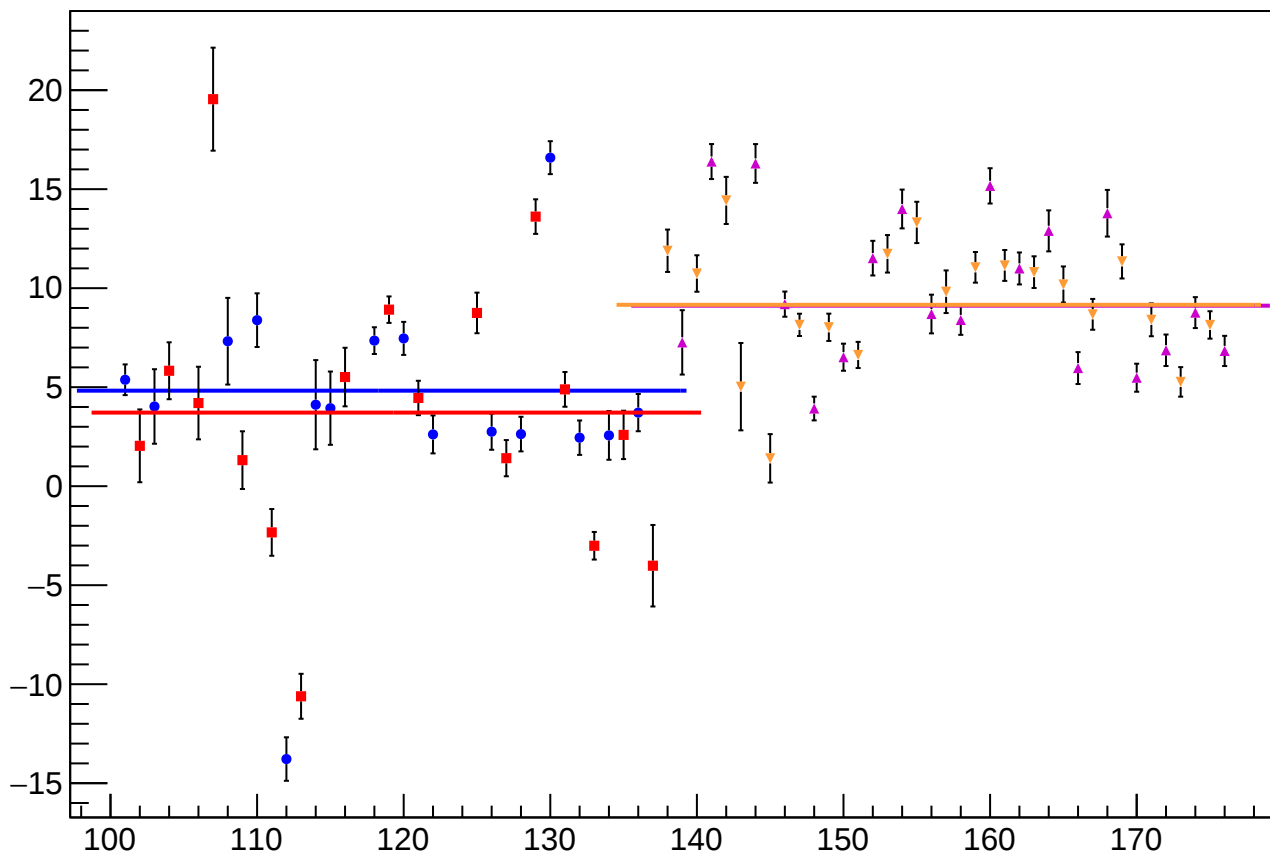
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 12.272 $\pm$ 0.194 χ^2 /NDF:4599.7/34

Out: 13.126 $\pm$ 0.197 χ^2 /NDF:5552.5/36

All: 12.693 $\pm$ 0.138 χ^2 /NDF: 10161.7/71

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.159 $\pm$ 0.187 χ^2 /NDF:172.1/19

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.116 $\pm$ 0.188 χ^2 /NDF:385.5/18

Left: 9.138 $\pm$ 0.133 χ^2 /NDF: 557.7/38

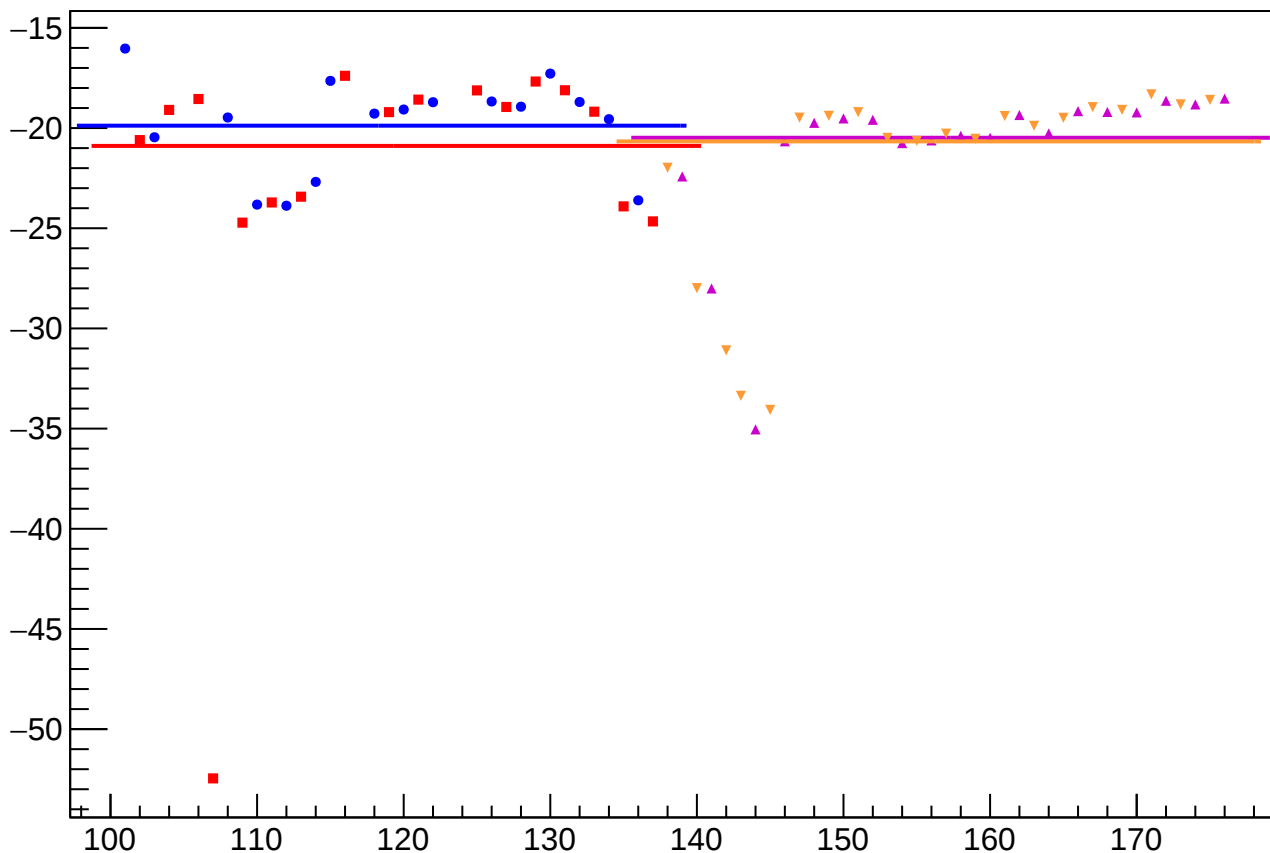
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.573 $\pm$ 0.151 χ^2 /NDF:1121.3/34

Out: 7.288 $\pm$ 0.152 χ^2 /NDF:1022.4/36

All: 7.431 $\pm$ 0.107 χ^2 /NDF: 2145.4/71

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -20.666 ± 0.009 $\chi^2/\text{NDF}: 157337.0/19$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.484 ± 0.009 $\chi^2/\text{NDF}: 118589.5/18$

Left: -20.572 ± 0.006 $\chi^2/\text{NDF}: 276141.0/38$

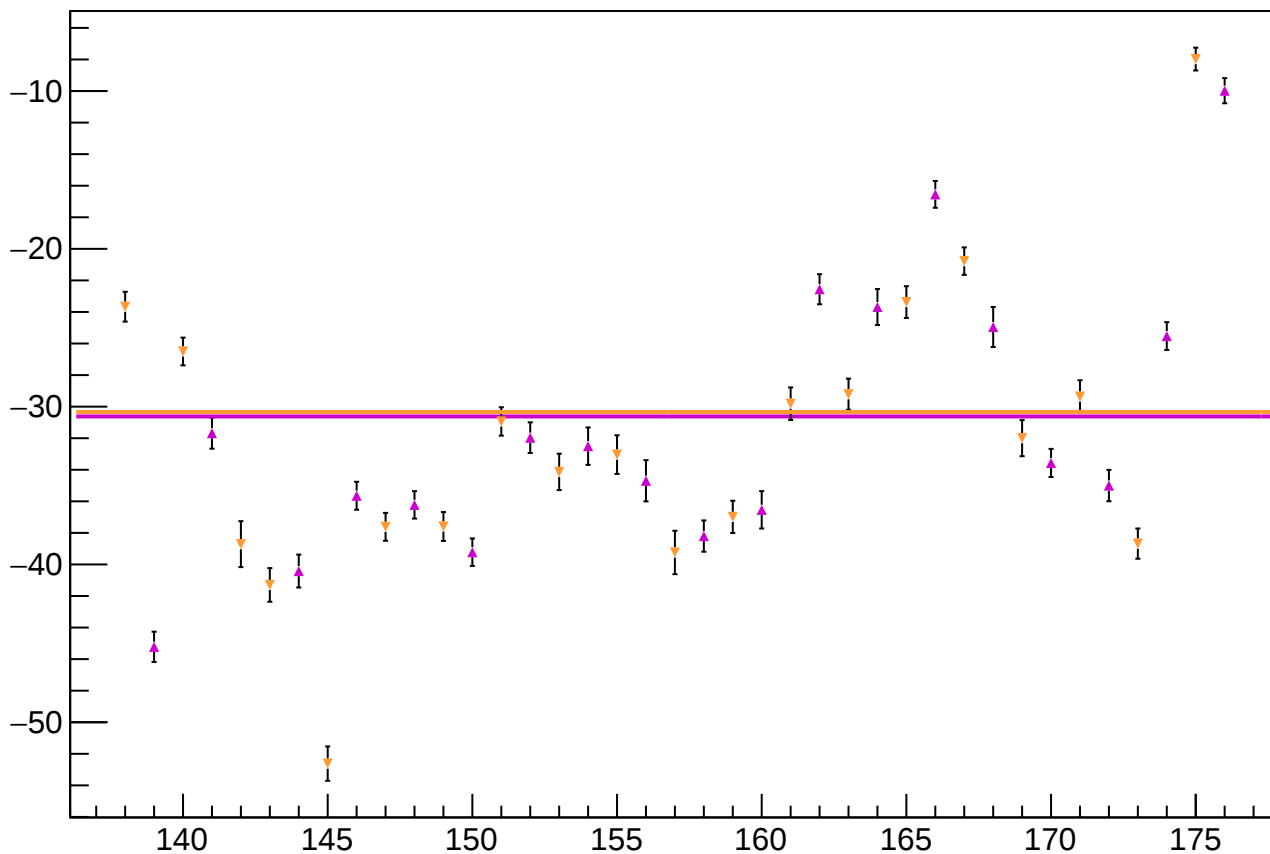
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.342 ± 0.008 $\chi^2/\text{NDF}: 145818.6/34$

Out: -20.720 ± 0.008 $\chi^2/\text{NDF}: 250405.5/36$

All: -20.527 ± 0.005 $\chi^2/\text{NDF}: 397447.6/71$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.336+/-0.222 χ^2/NDF :2061.9/19

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

Left In: -30.621+/-0.223 χ^2/NDF :1726.8/18

Left: -30.478+/-0.158 χ^2/NDF : 3789.6/38

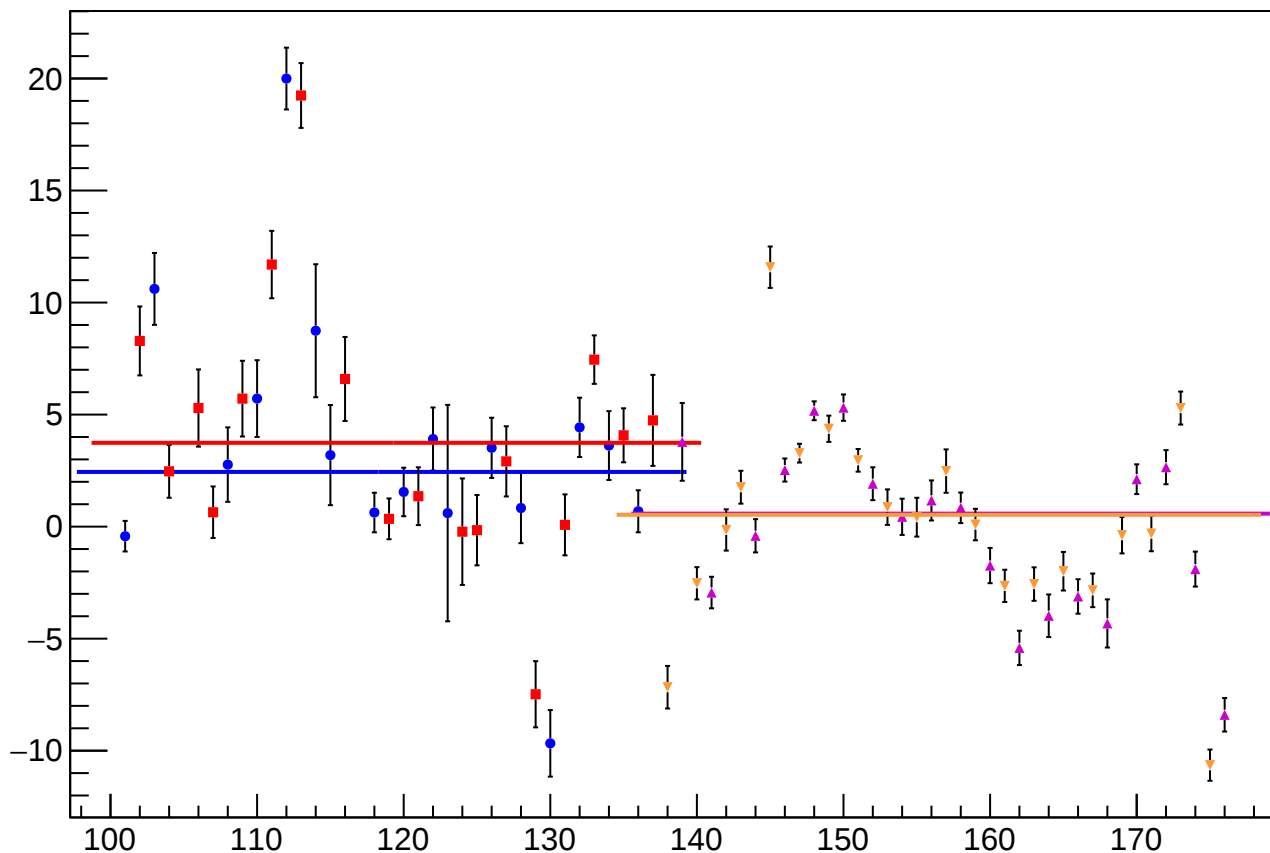
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.621+/-0.223 χ^2/NDF :1726.8/18

Out: -30.336+/-0.222 χ^2/NDF :2061.9/19

All: -30.478+/-0.158 χ^2/NDF : 3789.6/38

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.528 ± 0.159 $\chi^2/\text{NDF}: 710.4/19$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 0.580 ± 0.163 $\chi^2/\text{NDF}: 535.9/18$

Left: 0.553 ± 0.114 $\chi^2/\text{NDF}: 1246.4/38$

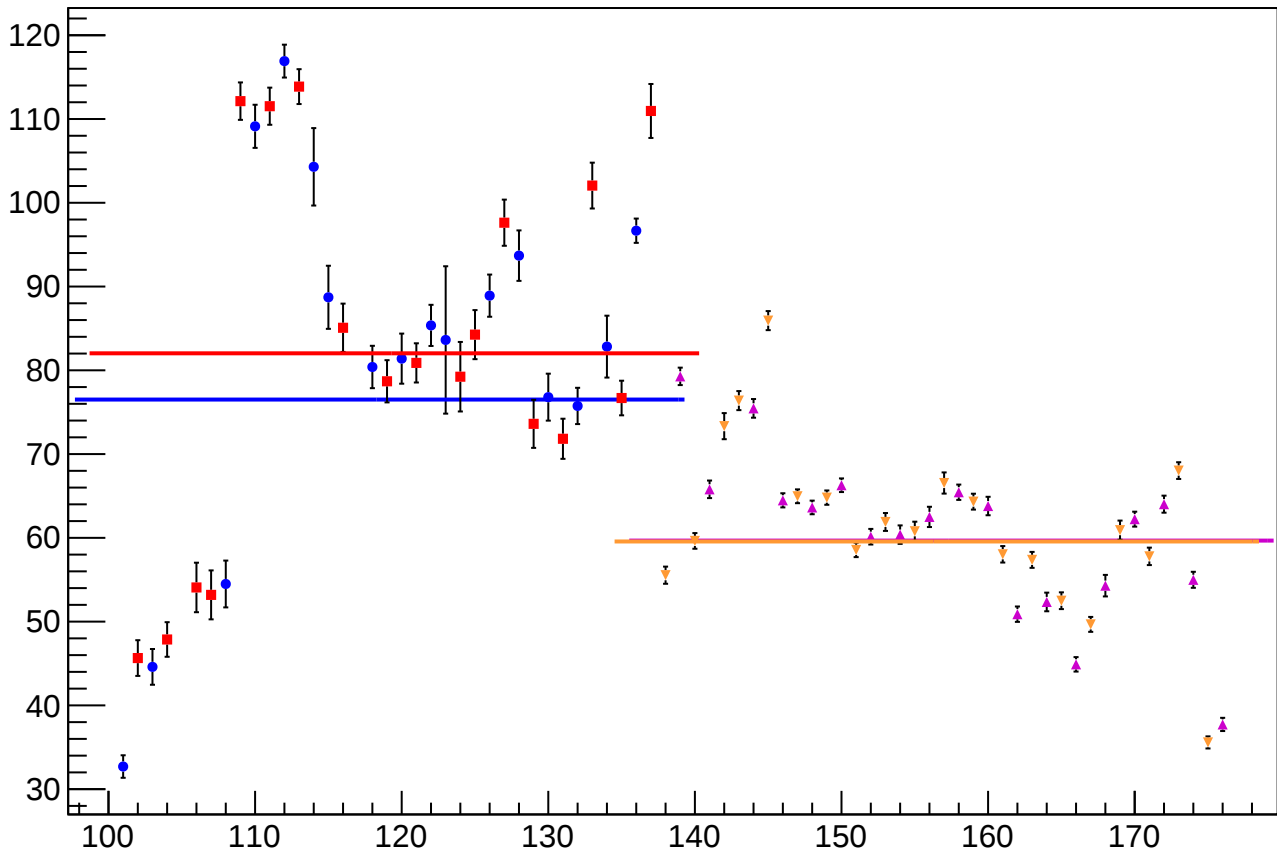
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 0.980 ± 0.144 $\chi^2/\text{NDF}: 858.7/35$

Out: 1.142 ± 0.143 $\chi^2/\text{NDF}: 1056.8/37$

All: 1.062 ± 0.102 $\chi^2/\text{NDF}: 1916.1/73$

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: 59.567 $\pm$ 0.220 χ^2 /NDF:2353.2/19

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 59.672 $\pm$ 0.220 χ^2 /NDF:2039.9/18

Left: 59.620 $\pm$ 0.156 χ^2 /NDF: 4393.1/38

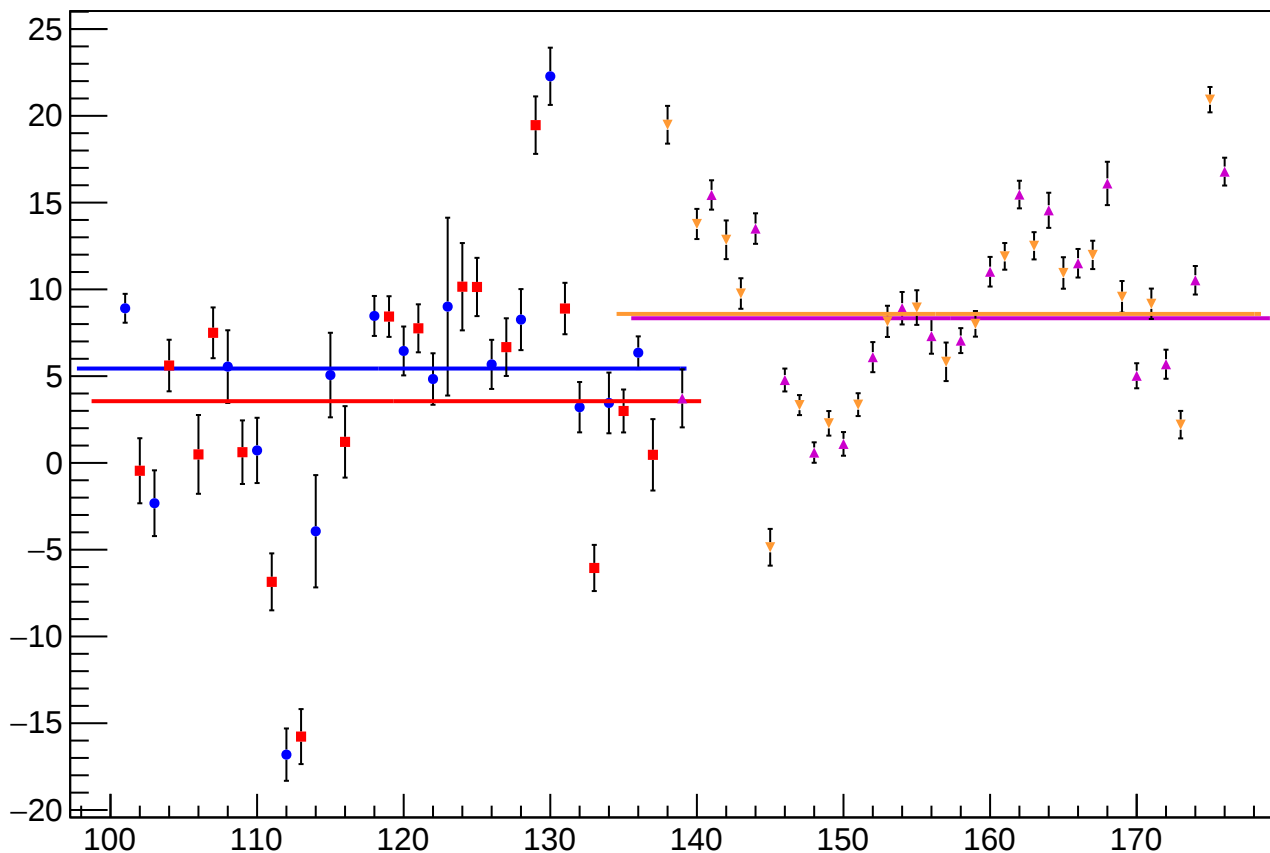
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 61.834 $\pm$ 0.206 χ^2 /NDF:5040.3/35

Out: 62.291 $\pm$ 0.206 χ^2 /NDF:5163.6/37

All: 62.062 $\pm$ 0.146 χ^2 /NDF: 10206.3/73

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: 8.586 $\pm$ 0.185 χ^2 /NDF:966.0/19

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 8.336 $\pm$ 0.188 χ^2 /NDF:768.6/18

Left: 8.464 $\pm$ 0.132 χ^2 /NDF: 1735.5/38

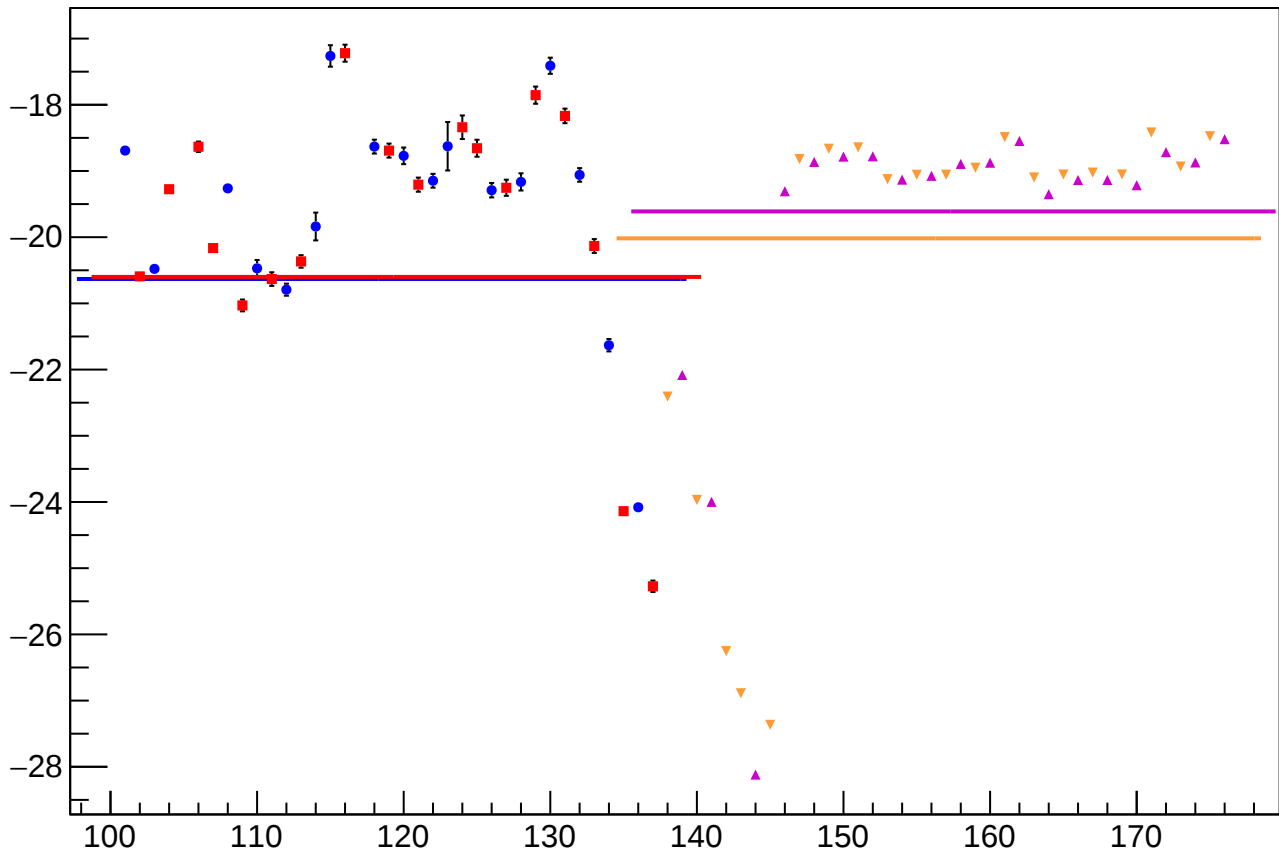
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 7.707 $\pm$ 0.167 χ^2 /NDF:1206.1/35

Out: 7.606 $\pm$ 0.166 χ^2 /NDF:1531.2/37

All: 7.656 $\pm$ 0.117 χ^2 /NDF: 2737.5/73

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.018 ± 0.009 $\chi^2/\text{NDF}: 87132.7/19$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.611 ± 0.009 $\chi^2/\text{NDF}: 51688.7/18$

Left: -19.812 ± 0.006 $\chi^2/\text{NDF}: 139902.2/38$

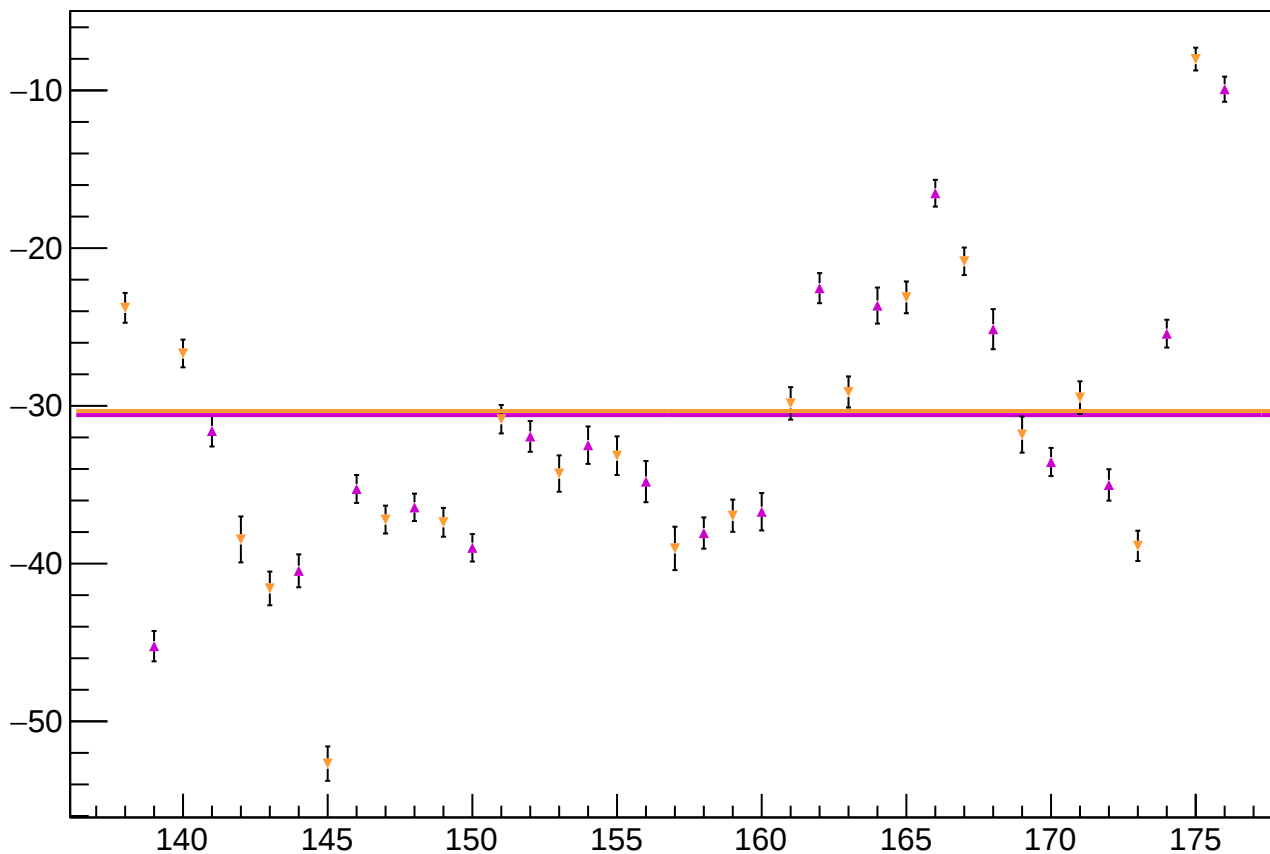
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.783 ± 0.008 $\chi^2/\text{NDF}: 66514.8/35$

Out: -20.116 ± 0.008 $\chi^2/\text{NDF}: 99850.5/37$

All: -19.948 ± 0.006 $\chi^2/\text{NDF}: 167237.4/73$

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: -30.323+/-0.223 χ^2/NDF :2052.0/19

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

Left In: -30.585+/-0.224 χ^2/NDF :1723.6/18

Left: -30.454+/-0.158 χ^2/NDF : 3776.3/38

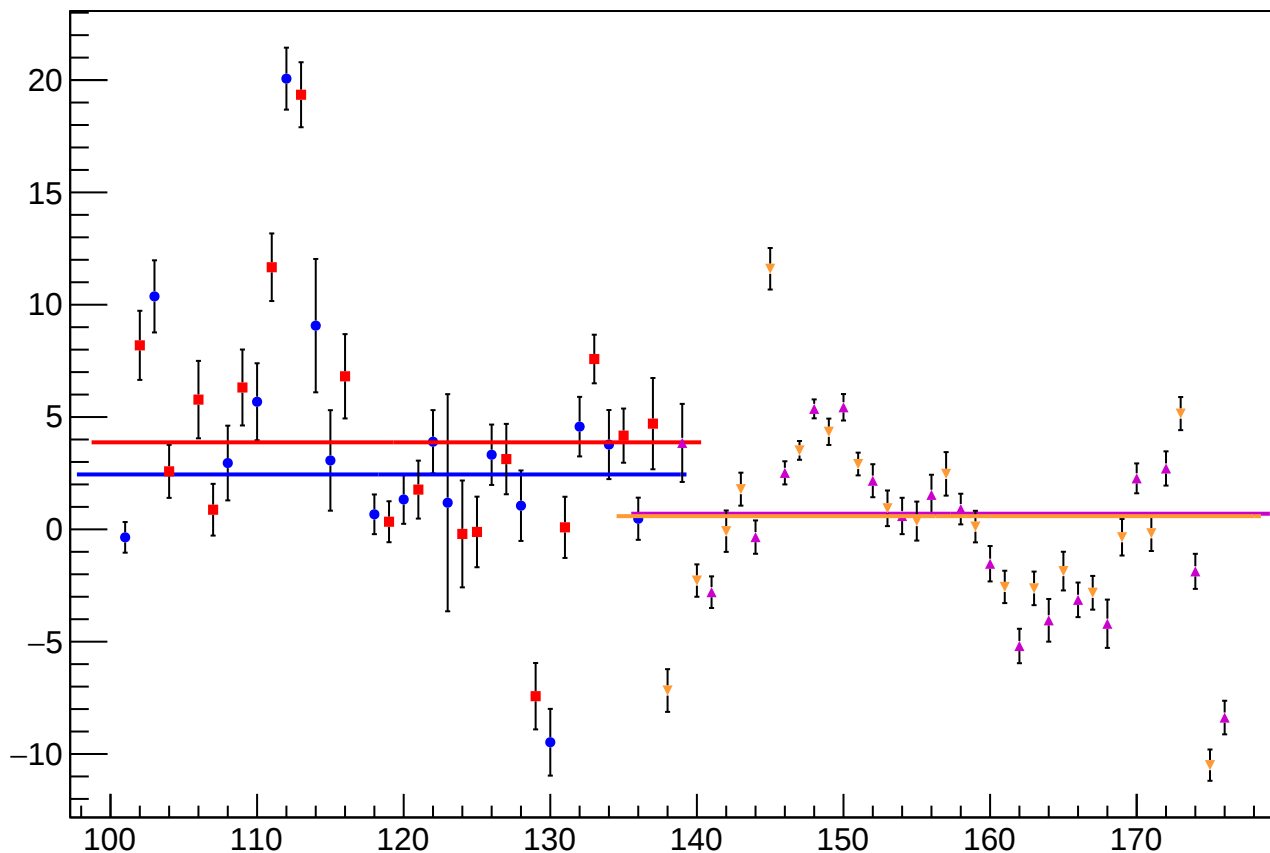
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.585+/-0.224 χ^2/NDF :1723.6/18

Out: -30.323+/-0.223 χ^2/NDF :2052.0/19

All: -30.454+/-0.158 χ^2/NDF : 3776.3/38

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: 0.588 ± 0.159 χ^2/NDF : 702.7/19

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 0.696 ± 0.163 χ^2/NDF : 542.9/18

Left: 0.641 ± 0.114 χ^2/NDF : 1245.8/38

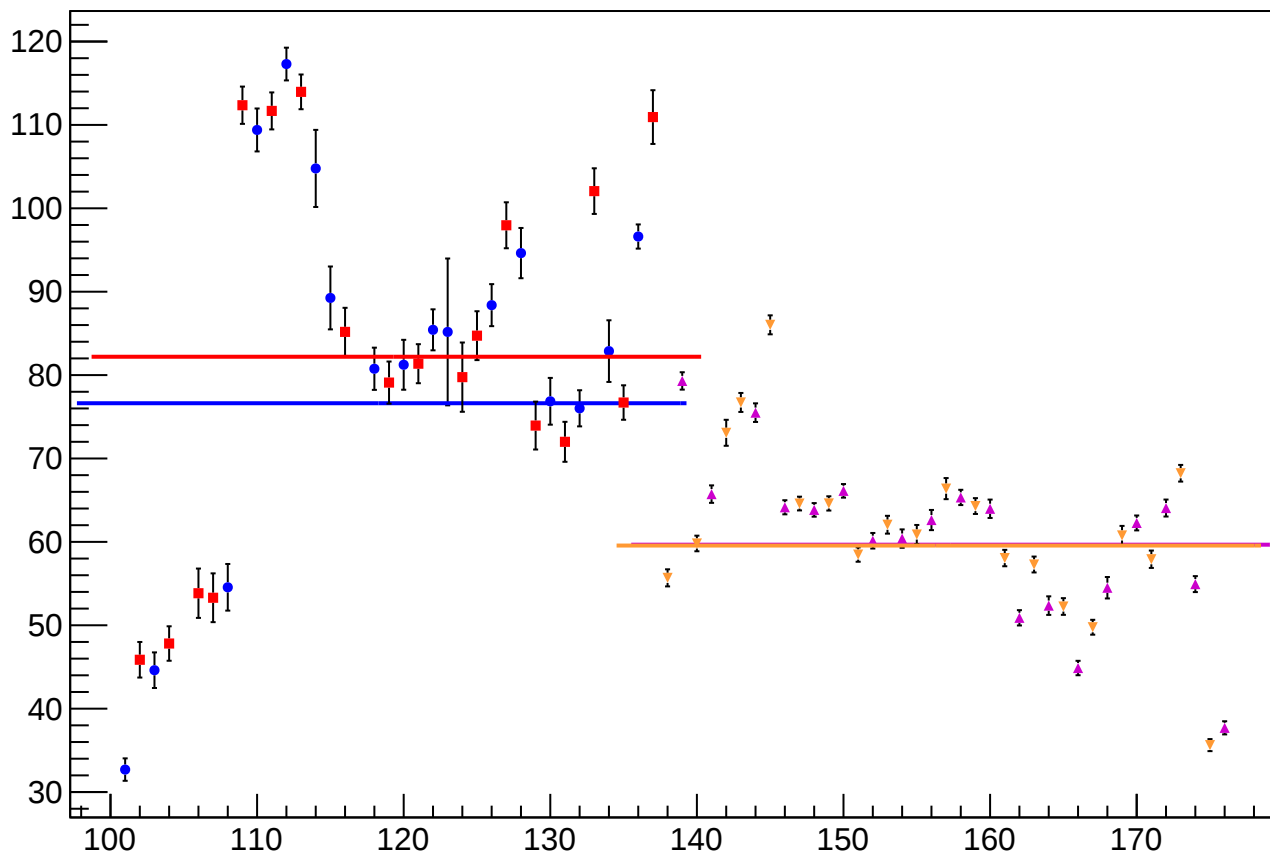
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.072 ± 0.144 χ^2/NDF : 860.3/35

Out: 1.216 ± 0.143 χ^2/NDF : 1052.7/37

All: 1.145 ± 0.102 χ^2/NDF : 1913.5/73

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: 59.560 $\pm$ 0.220 χ^2 /NDF:2350.4/19

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 59.663 $\pm$ 0.221 χ^2 /NDF:2035.2/18

Left: 59.612 $\pm$ 0.156 χ^2 /NDF: 4385.7/38

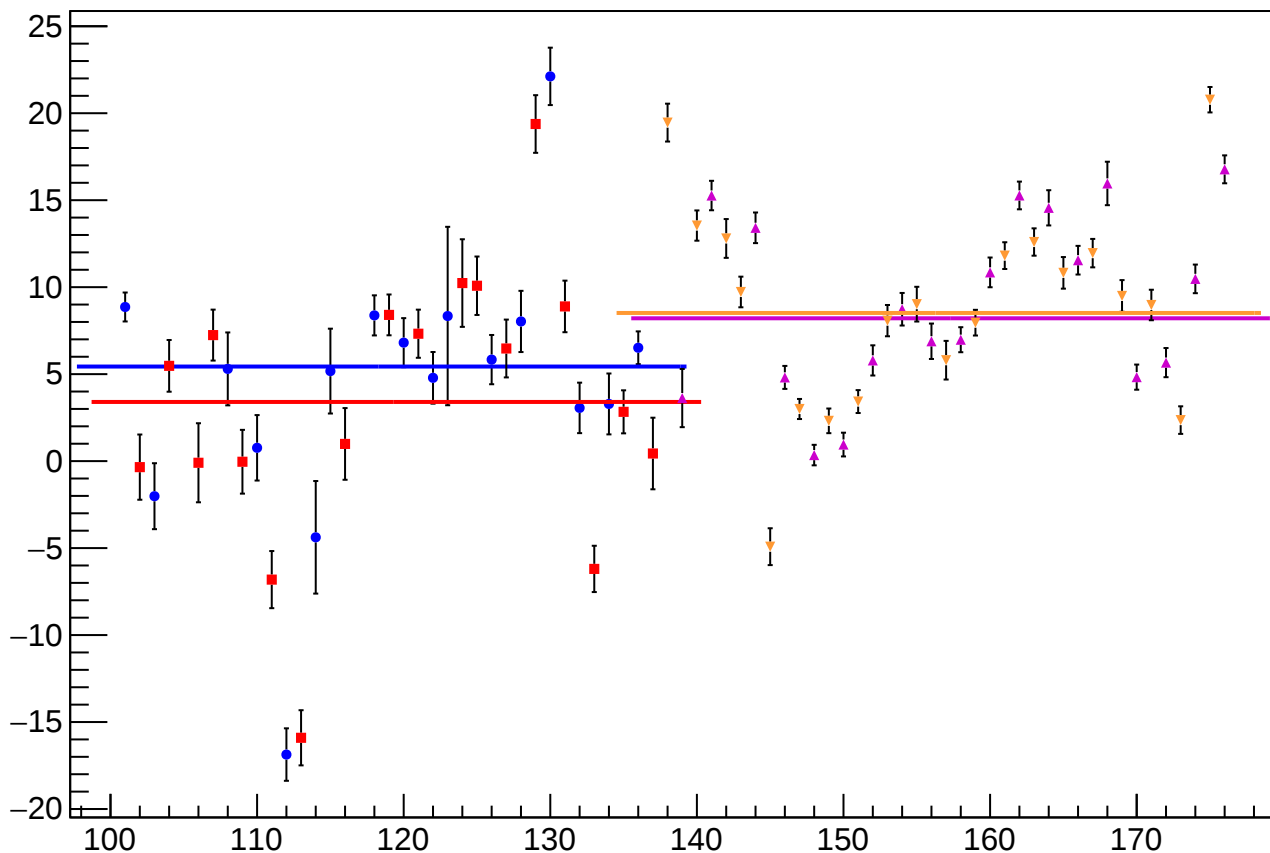
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 61.842 $\pm$ 0.206 χ^2 /NDF:5058.0/35

Out: 62.306 $\pm$ 0.206 χ^2 /NDF:5181.8/37

All: 62.073 $\pm$ 0.146 χ^2 /NDF: 10242.3/73

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 8.517 ± 0.185 $\chi^2/\text{NDF}: 959.6/19$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 8.210 ± 0.189 $\chi^2/\text{NDF}: 777.0/18$

Left: 8.367 ± 0.132 $\chi^2/\text{NDF}: 1737.9/38$

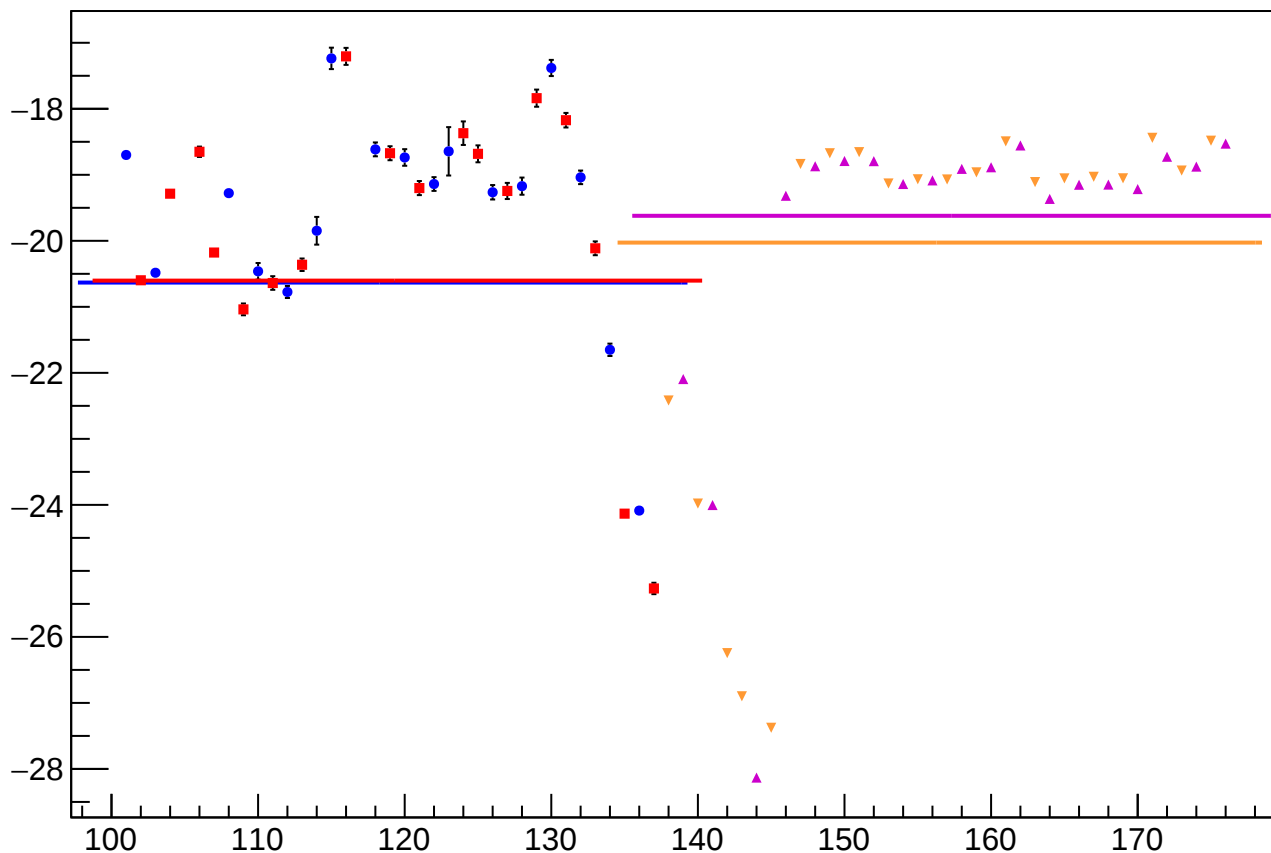
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.608 ± 0.167 $\chi^2/\text{NDF}: 1208.5/35$

Out: 7.521 ± 0.166 $\chi^2/\text{NDF}: 1530.0/37$

All: 7.564 ± 0.118 $\chi^2/\text{NDF}: 2738.6/73$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.027 $\pm$ 0.009 χ^2 /NDF: 86996.8/19

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -19.621 $\pm$ 0.009 χ^2 /NDF: 51633.2/18

Left: -19.822 $\pm$ 0.006 χ^2 /NDF: 139705.3/38

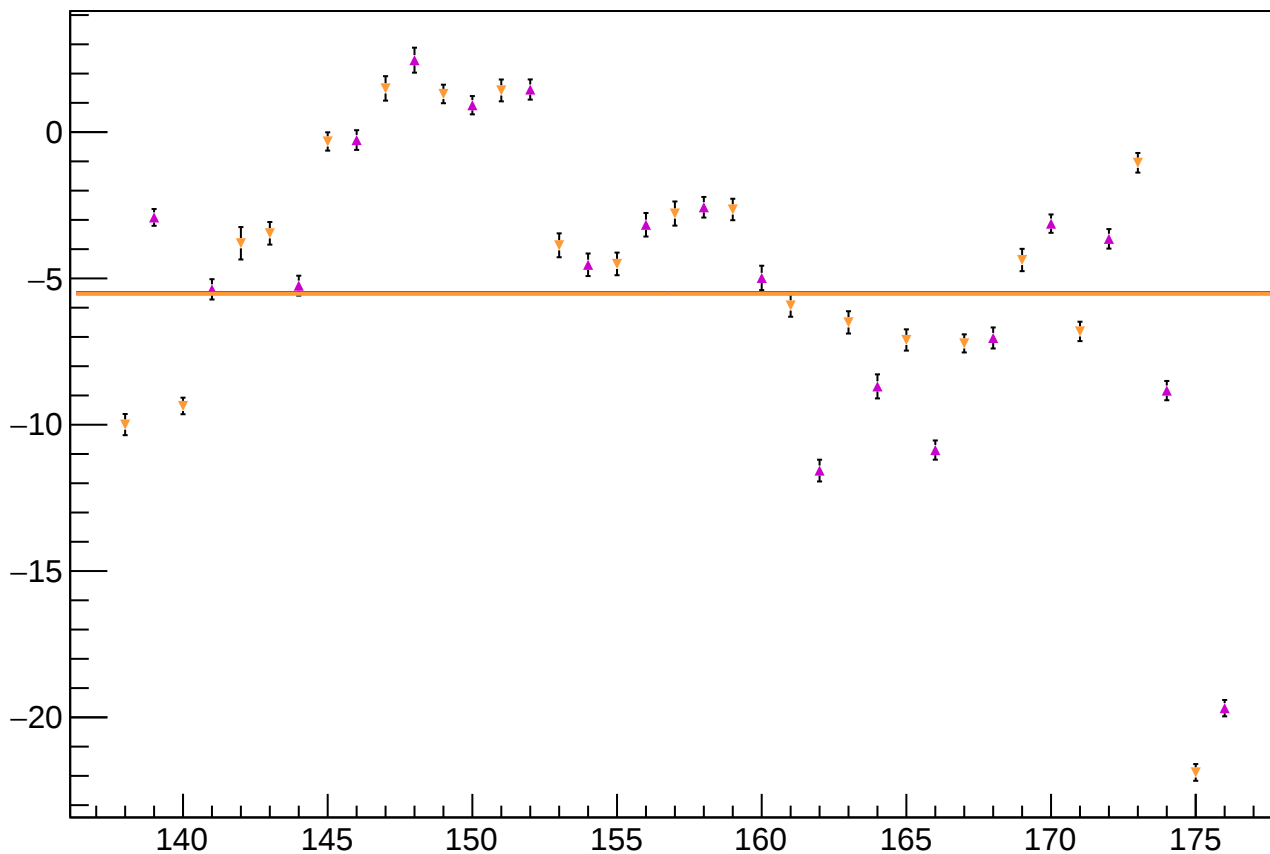
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -19.792 $\pm$ 0.008 χ^2 /NDF: 66457.2/35

Out: -20.125 $\pm$ 0.008 χ^2 /NDF: 99649.8/37

All: -19.957 $\pm$ 0.006 χ^2 /NDF: 166976.3/73

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



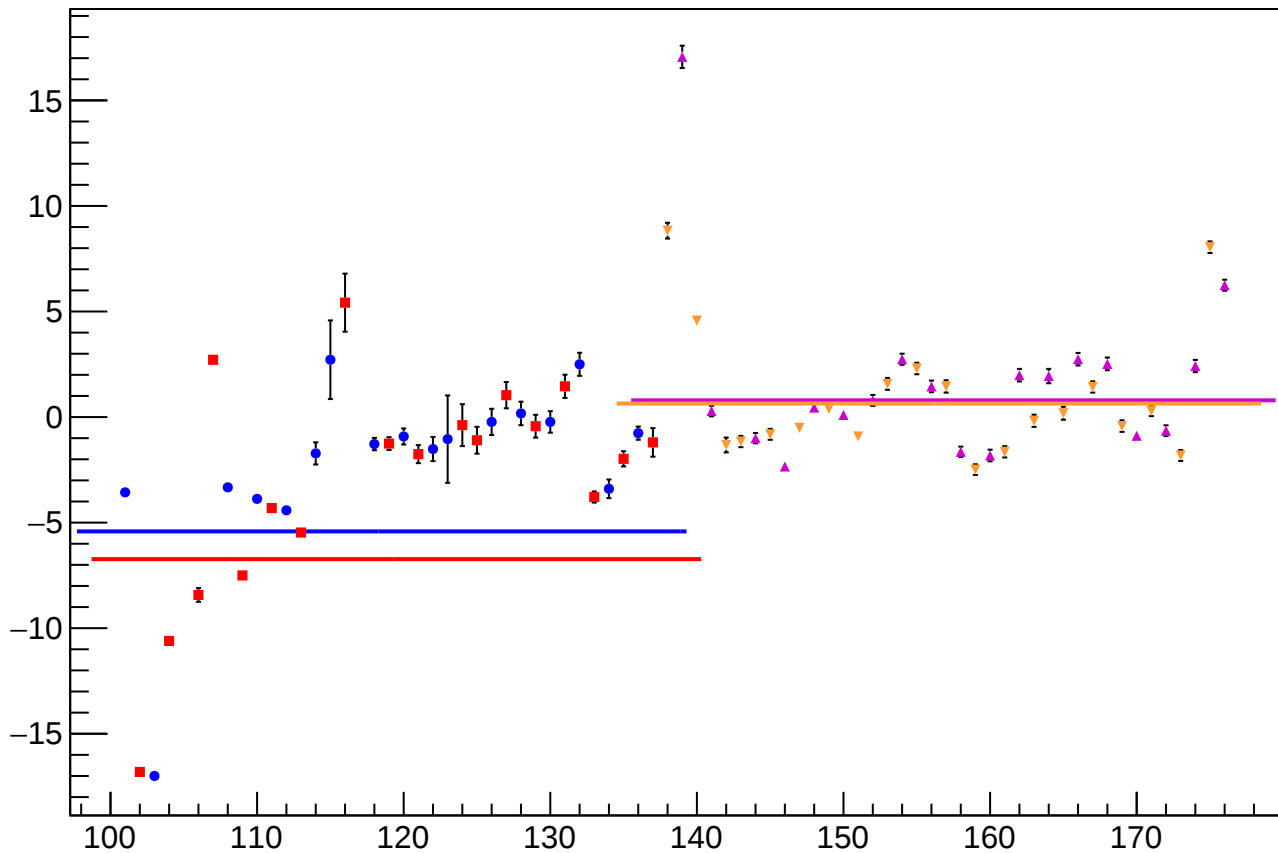
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.526+/-0.080 χ^2/NDF : 5410.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.500+/-0.079 χ^2/NDF : 4986.4/18

Left: -5.513+/-0.056 χ^2/NDF : 10396.5/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.500+/-0.079 χ^2/NDF : 4986.4/18
 Out: -5.526+/-0.080 χ^2/NDF : 5410.0/19

All: -5.513+/-0.056 χ^2/NDF : 10396.5/38

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 0.642 $\pm$ 0.059 χ^2 /NDF:2083.8/19

Right Out: -6.729 $\pm$ 0.060 χ^2 /NDF: 11217.0/17

Left In: 0.793 $\pm$ 0.060 χ^2 /NDF:2137.9/18

Left: 0.716 $\pm$ 0.042 χ^2 /NDF: 4224.9/38

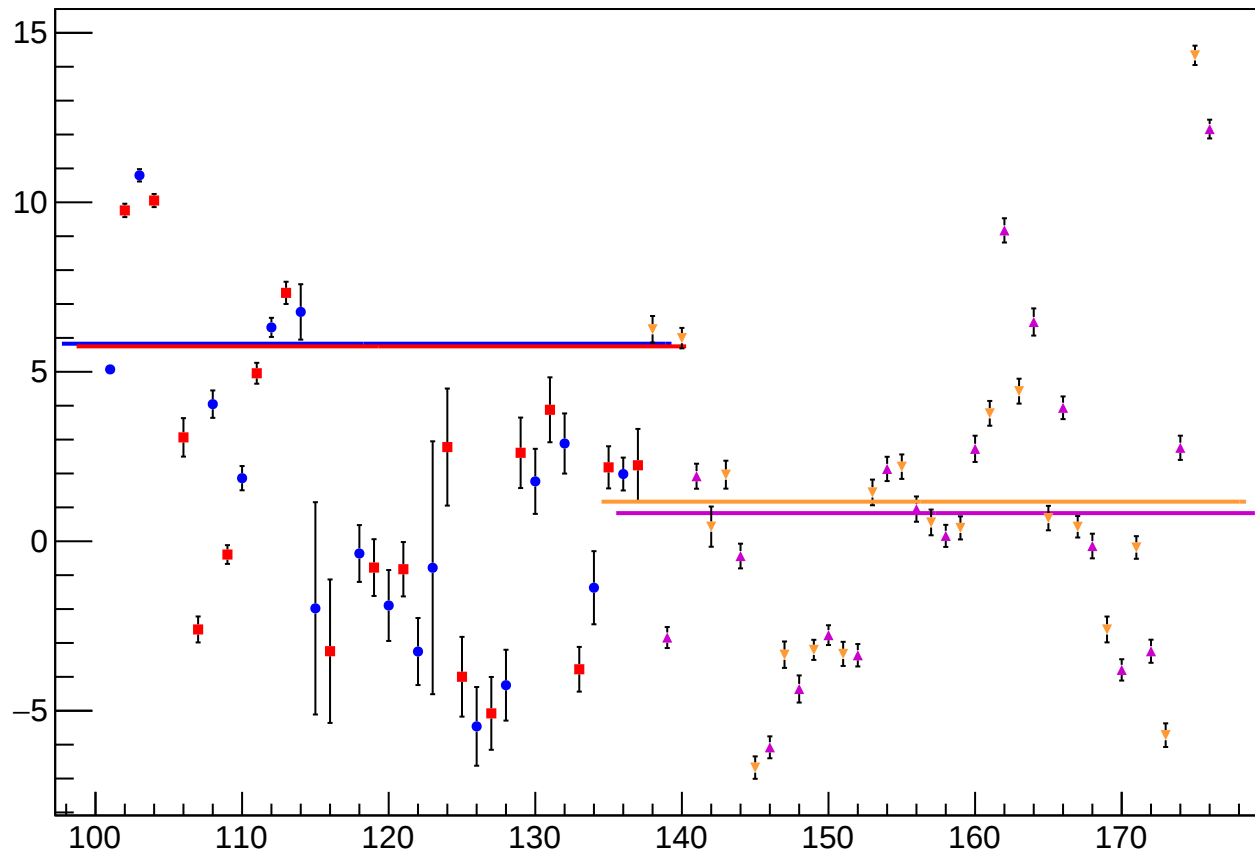
Right: -6.014 $\pm$ 0.040 χ^2 /NDF: 20734.4/34

In: -2.596 $\pm$ 0.040 χ^2 /NDF:17229.5/35

Out: -2.962 $\pm$ 0.042 χ^2 /NDF:21060.4/37

All: -2.773 $\pm$ 0.029 χ^2 /NDF: 38329.3/73

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 1.169 ± 0.079 χ^2/NDF : 4286.2/19

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: 0.831 ± 0.078 χ^2/NDF : 4040.1/18

Left: 0.998 ± 0.056 χ^2/NDF : 8335.6/38

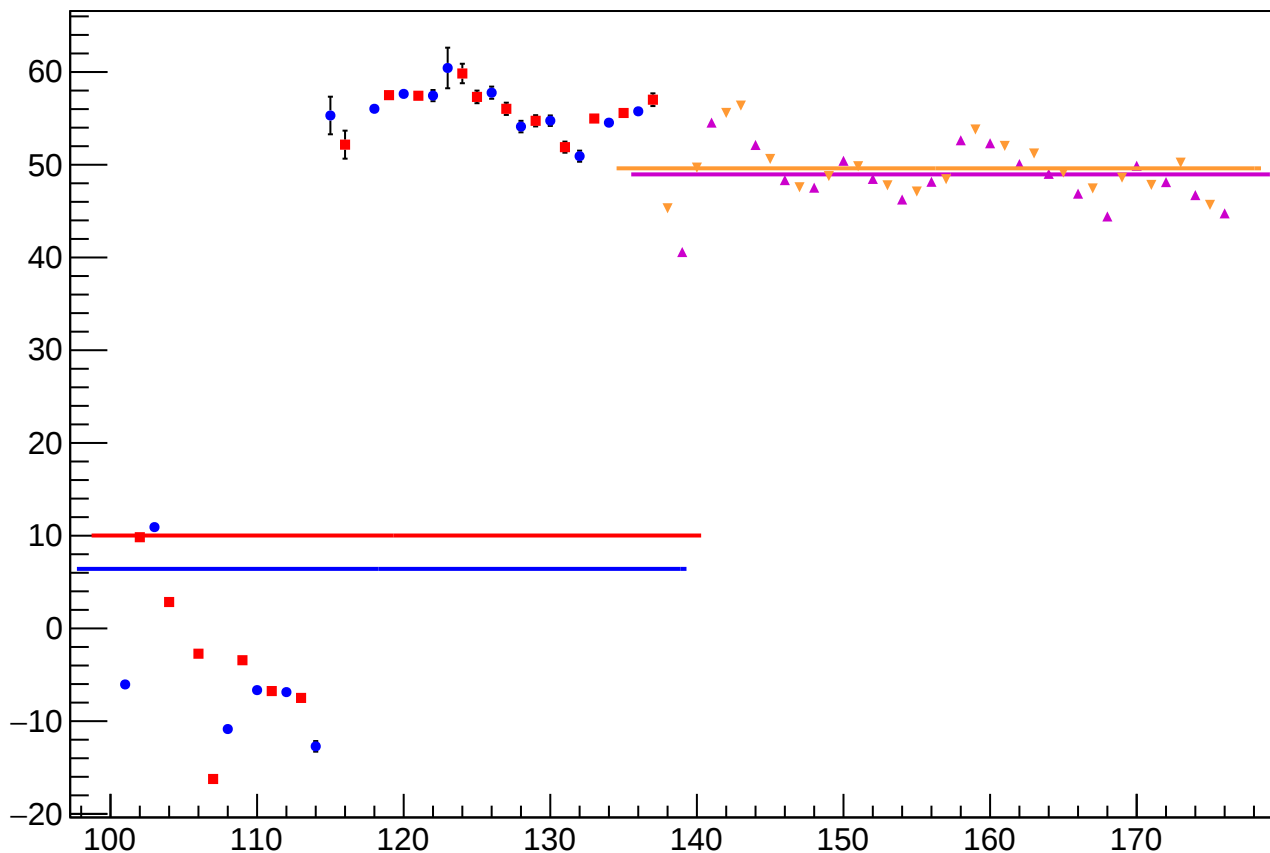
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.994 ± 0.059 χ^2/NDF : 7252.7/35

Out: 3.013 ± 0.061 χ^2/NDF : 8151.6/37

All: 3.003 ± 0.042 χ^2/NDF : 15404.4/73

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: 49.614 ± 0.067 χ^2/NDF : 1584.0/19

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 48.960 ± 0.068 χ^2/NDF : 1747.2/18

Left: 49.292 ± 0.048 χ^2/NDF : 3377.9/38

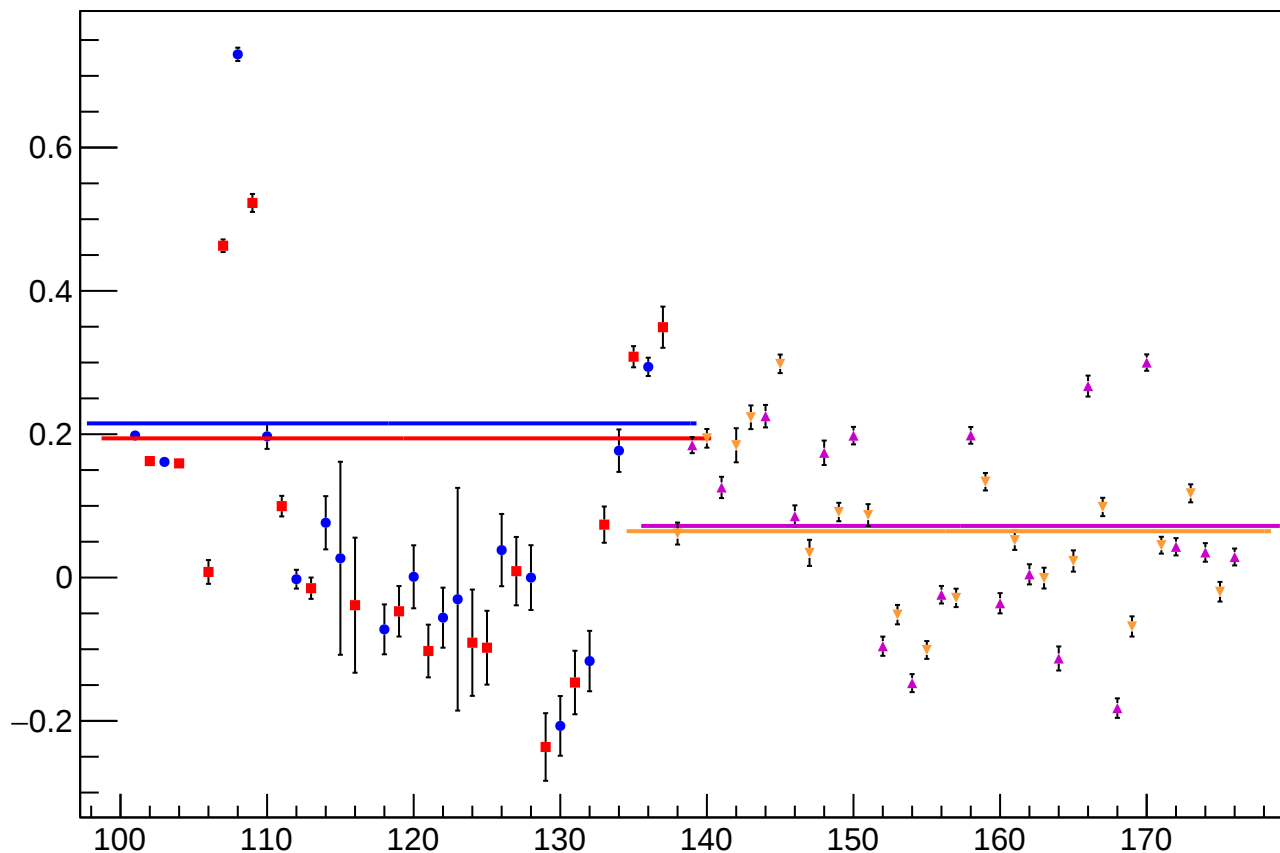
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 26.575 ± 0.047 χ^2/NDF : 329456.9/35

Out: 30.864 ± 0.049 χ^2/NDF : 288684.2/37

All: 28.643 ± 0.034 χ^2/NDF : 622164.6/73

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.065 $\pm$ 0.003 χ^2 /NDF:1070.7/19

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:2145.7/18

Left: 0.068 $\pm$ 0.002 χ^2 /NDF: 3219.3/38

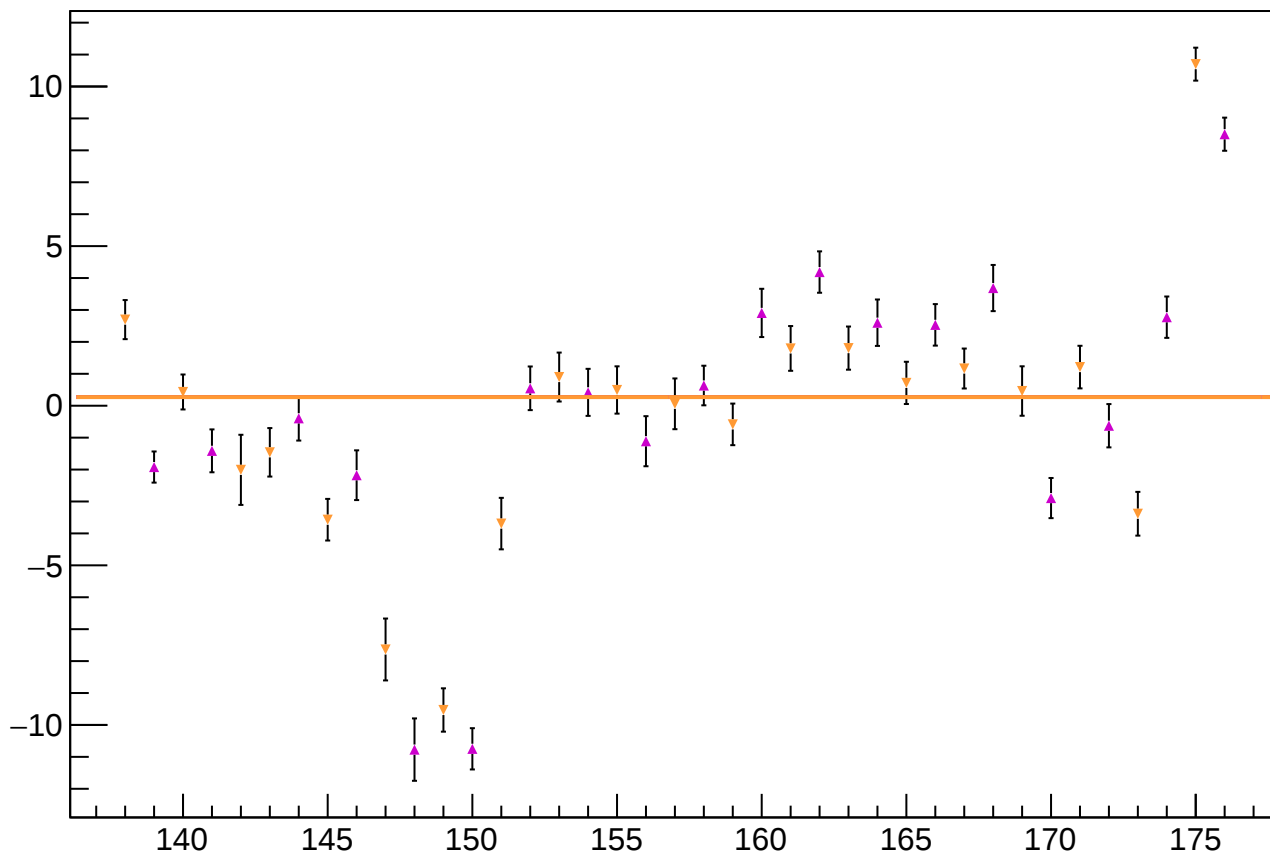
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.150 $\pm$ 0.002 χ^2 /NDF:7284.0/35

Out: 0.137 $\pm$ 0.002 χ^2 /NDF:4569.8/37

All: 0.144 $\pm$ 0.001 χ^2 /NDF: 11874.2/73

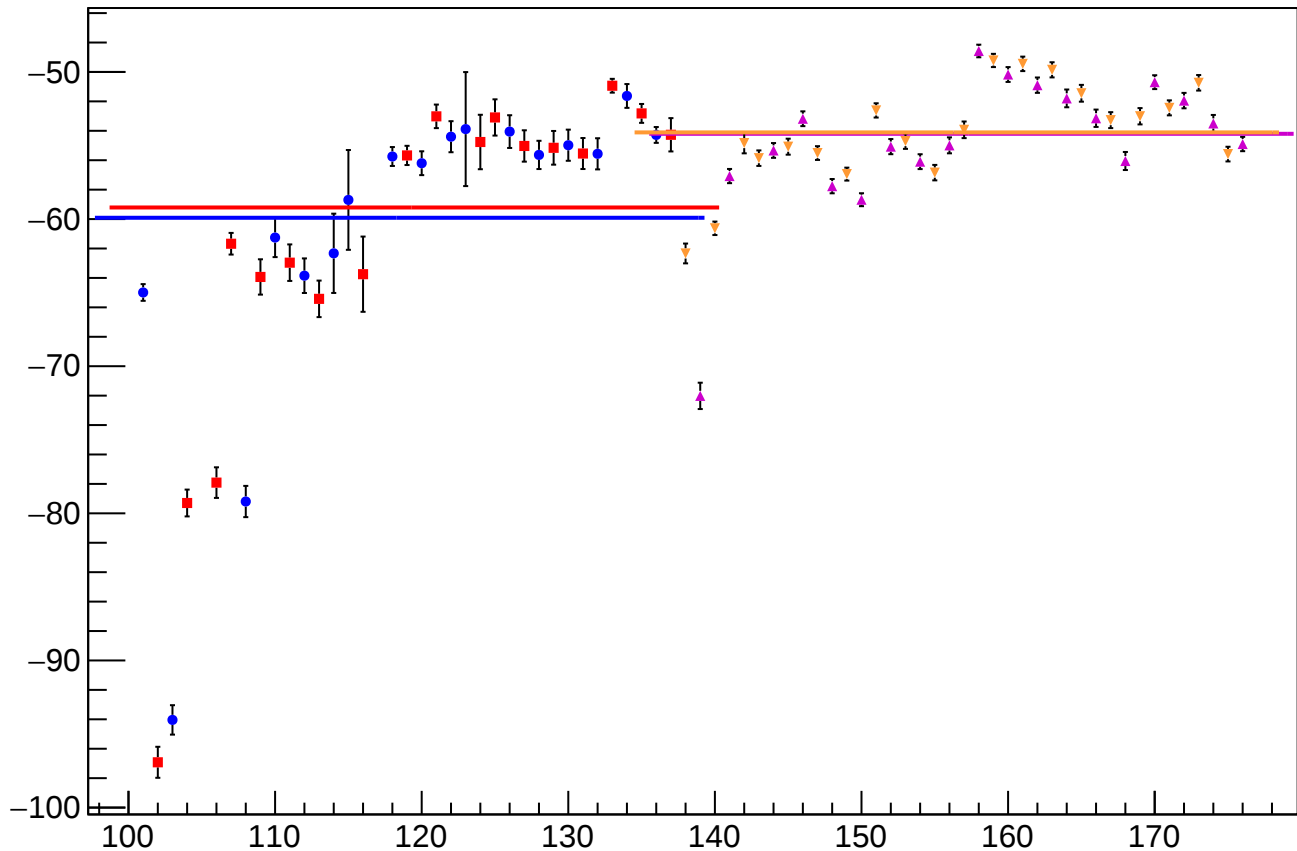
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.270 $\pm$ 0.154 χ^2 /NDF:812.7/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.273 $\pm$ 0.153 χ^2 /NDF:846.3/18

Left: 0.272 $\pm$ 0.109 χ^2 /NDF: 1659.0/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.273 $\pm$ 0.153 χ^2 /NDF:846.3/18
 Out: 0.270 $\pm$ 0.154 χ^2 /NDF:812.7/19
 All: 0.272 $\pm$ 0.109 χ^2 /NDF: 1659.0/38

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: -54.108 ± 0.116 χ^2/NDF : 820.3/19

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.204 ± 0.119 χ^2/NDF : 998.9/18

Left: -54.155 ± 0.083 χ^2/NDF : 1819.6/38

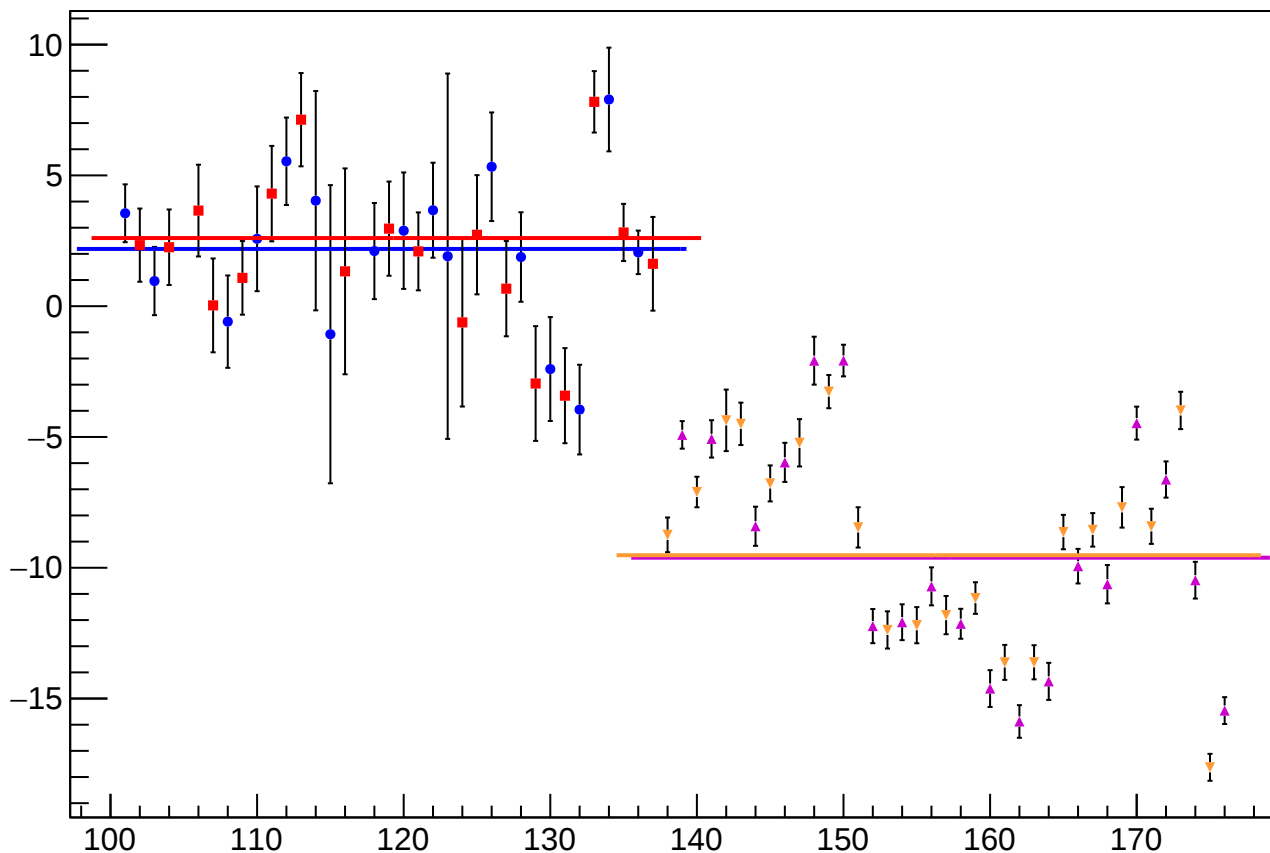
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.467 ± 0.105 χ^2/NDF : 3488.7/35

Out: -55.281 ± 0.102 χ^2/NDF : 4008.1/37

All: -55.371 ± 0.073 χ^2/NDF : 7498.5/73

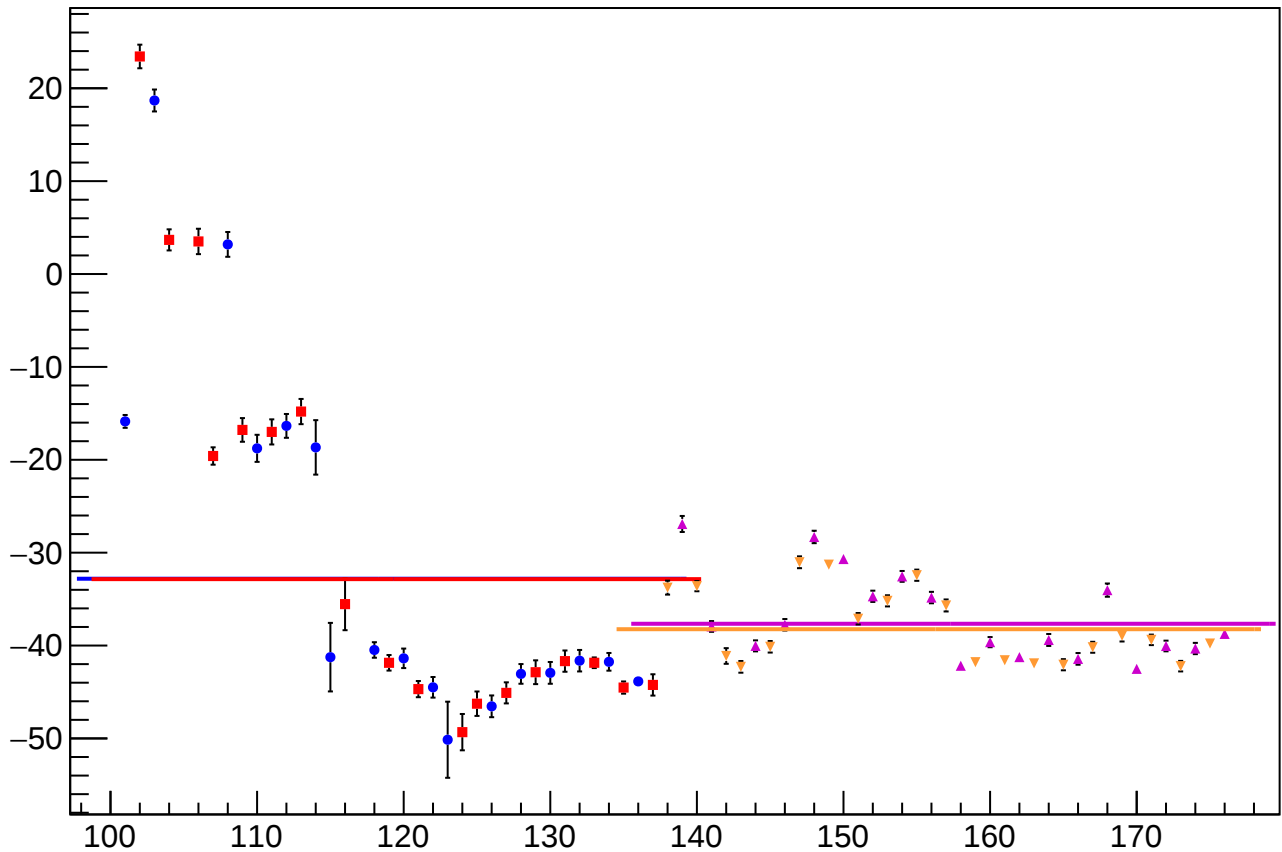
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.521 ± 0.153 $\chi^2/\text{NDF}: 659.0/19$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.615 ± 0.151 $\chi^2/\text{NDF}: 834.0/18$

Left: -9.569 ± 0.108 $\chi^2/\text{NDF}: 1493.3/38$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -8.165 ± 0.142 $\chi^2/\text{NDF}: 1619.9/35$
 Out: -7.905 ± 0.143 $\chi^2/\text{NDF}: 1544.0/37$
 All: -8.036 ± 0.101 $\chi^2/\text{NDF}: 3165.5/73$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -38.241 ± 0.132 $\chi^2/\text{NDF}: 864.2/19$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -37.654 ± 0.134 $\chi^2/\text{NDF}: 1032.1/18$

Left: -37.953 ± 0.094 $\chi^2/\text{NDF}: 1906.1/38$

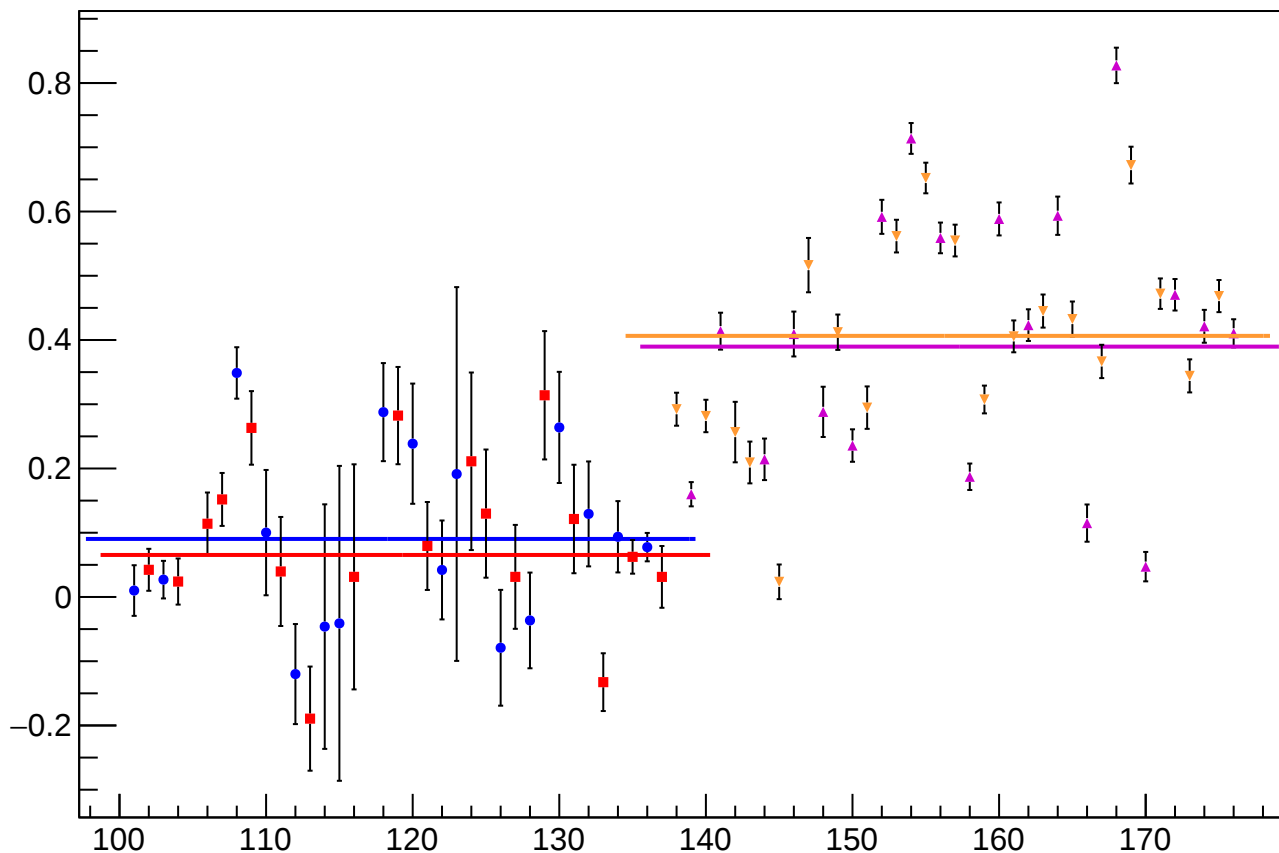
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -36.604 ± 0.118 $\chi^2/\text{NDF}: 5979.7/35$

Out: -37.030 ± 0.116 $\chi^2/\text{NDF}: 6991.8/37$

All: -36.822 ± 0.083 $\chi^2/\text{NDF}: 12978.1/73$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.406 $\pm$ 0.006 χ^2 /NDF:622.8/19

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.390 $\pm$ 0.006 χ^2 /NDF:1296.8/18

Left: 0.398 $\pm$ 0.004 χ^2 /NDF: 1923.5/38

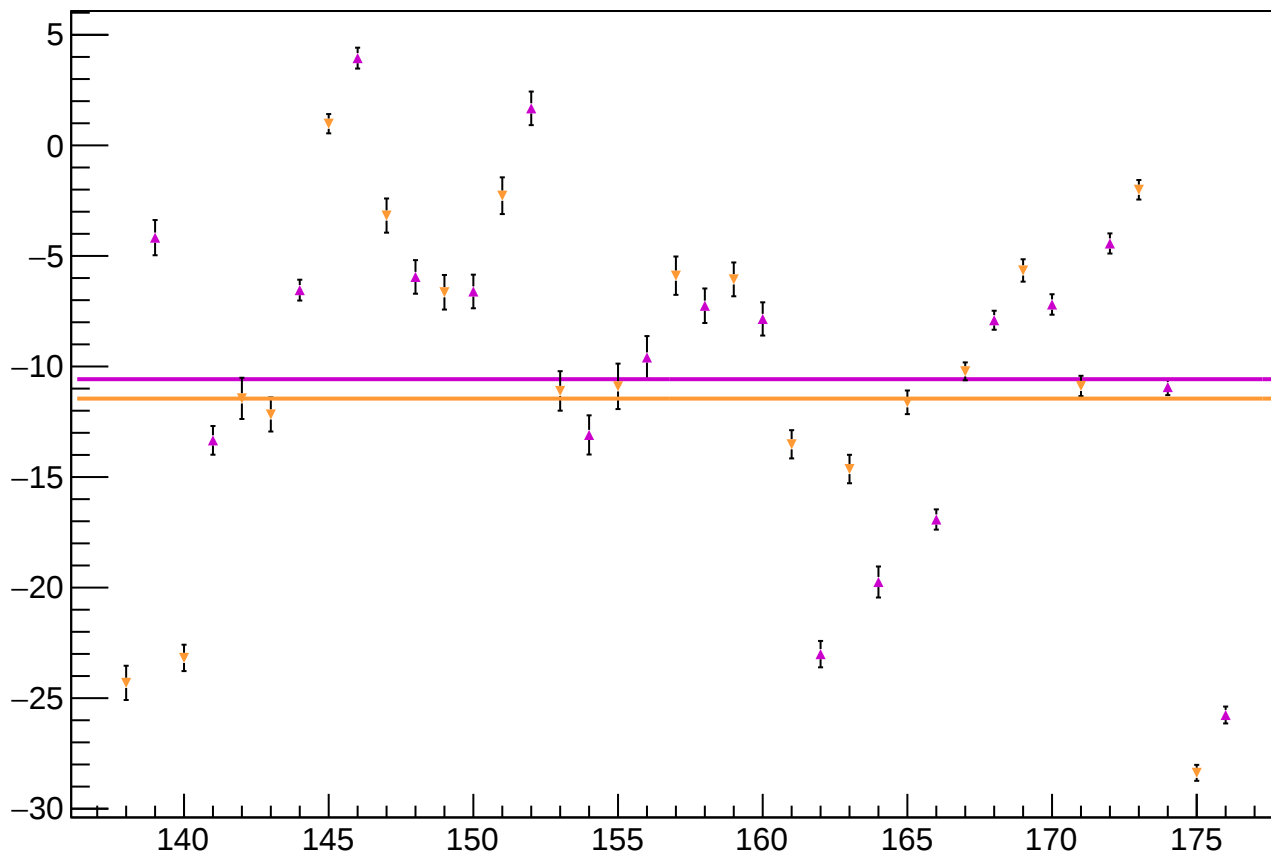
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.338 $\pm$ 0.005 χ^2 /NDF:1833.1/35

Out: 0.340 $\pm$ 0.005 χ^2 /NDF:1314.2/37

All: 0.339 $\pm$ 0.004 χ^2 /NDF: 3147.5/73

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: -11.452+/-0.131 χ^2/NDF :4682.3/19

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

Left In: -10.574+/-0.126 χ^2/NDF :4121.2/18

Left: -10.998+/-0.091 χ^2/NDF : 8826.8/38

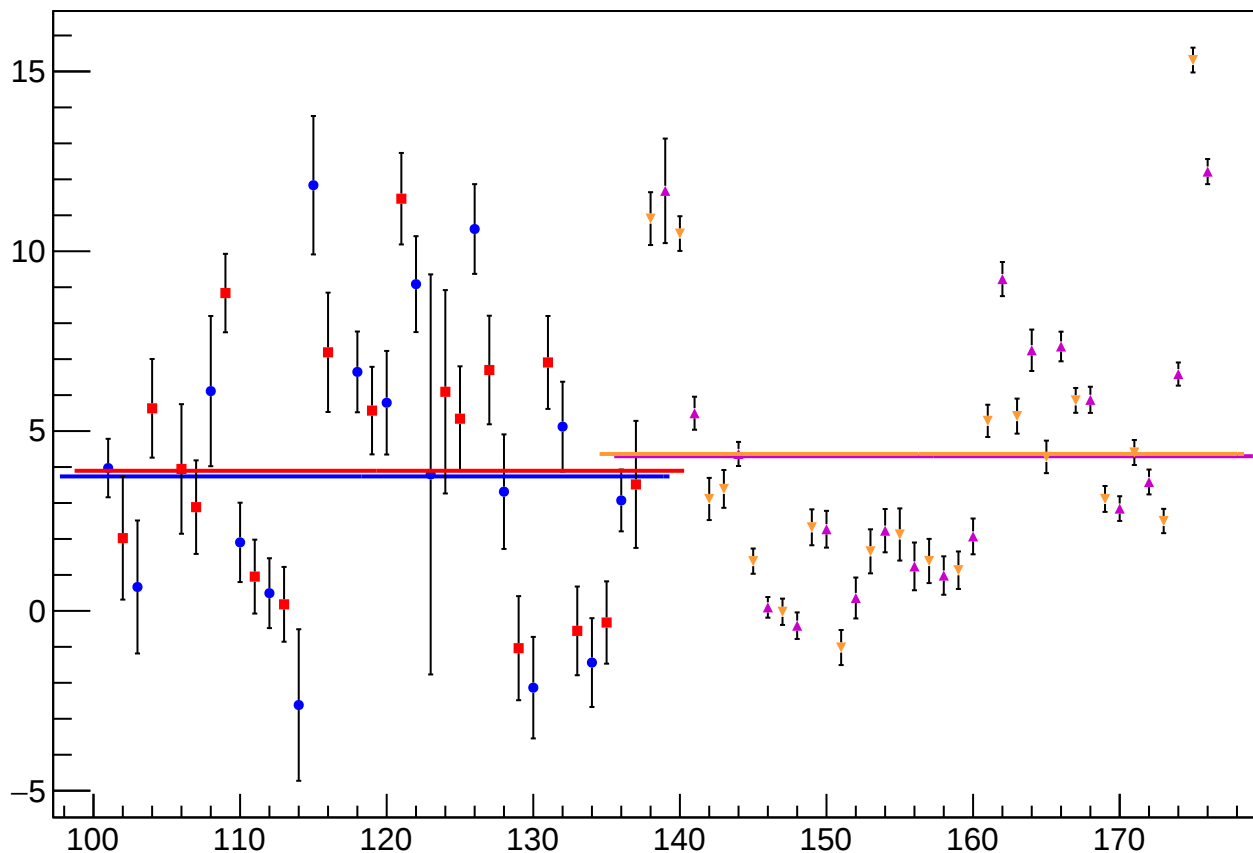
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.574+/-0.126 χ^2/NDF :4121.2/18

Out: -11.452+/-0.131 χ^2/NDF :4682.3/19

All: -10.998+/-0.091 χ^2/NDF : 8826.8/38

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.363 ± 0.099 χ^2/NDF : 1774.6/19

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 4.301 ± 0.096 χ^2/NDF : 1358.7/18

Left: 4.331 ± 0.069 χ^2/NDF : 3133.4/38

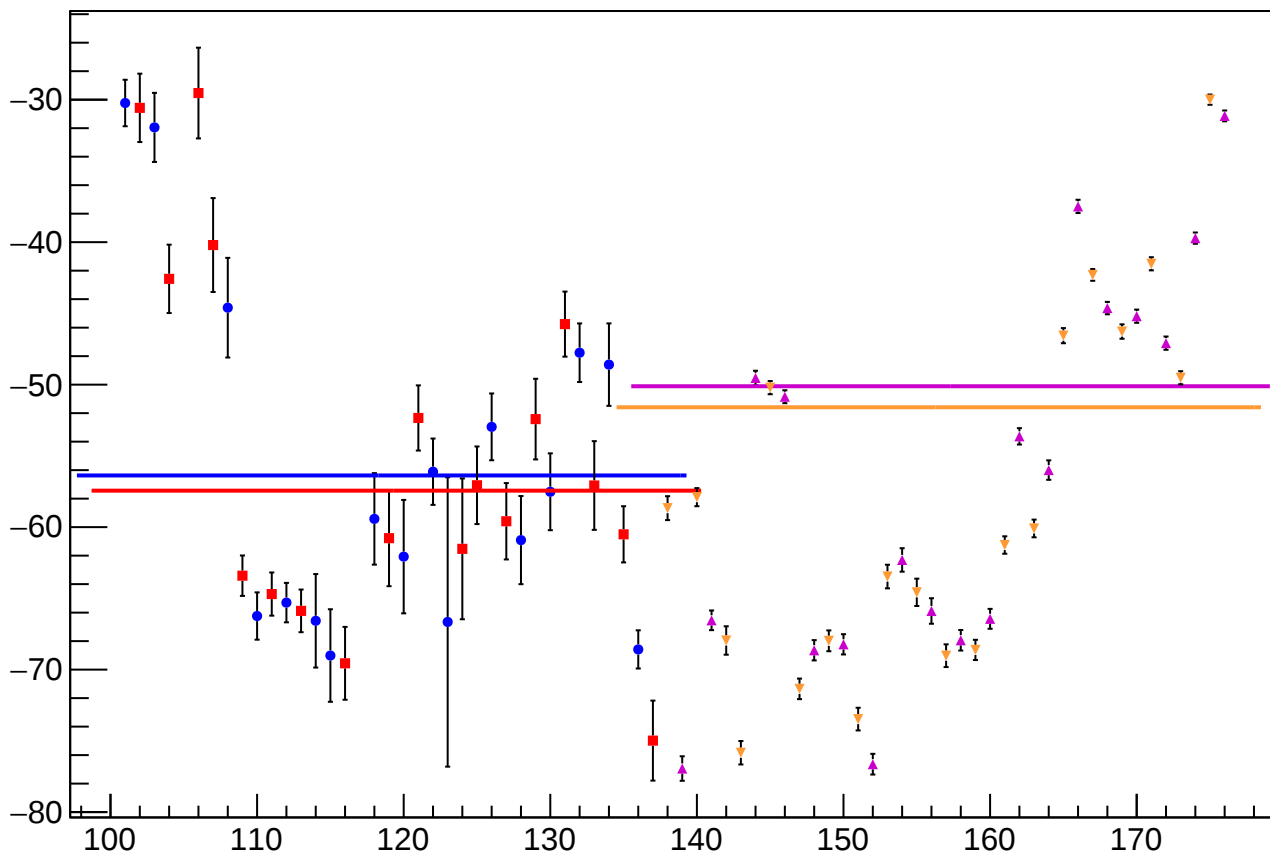
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 4.251 ± 0.092 χ^2/NDF : 1498.6/35

Out: 4.322 ± 0.094 χ^2/NDF : 1911.4/37

All: 4.286 ± 0.066 χ^2/NDF : 3410.3/73

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -51.589 ± 0.131 χ^2/NDF : 9974.3/19

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -50.112 ± 0.127 χ^2/NDF : 10256.7/18

Left: -50.824 ± 0.091 χ^2/NDF : 20296.6/38

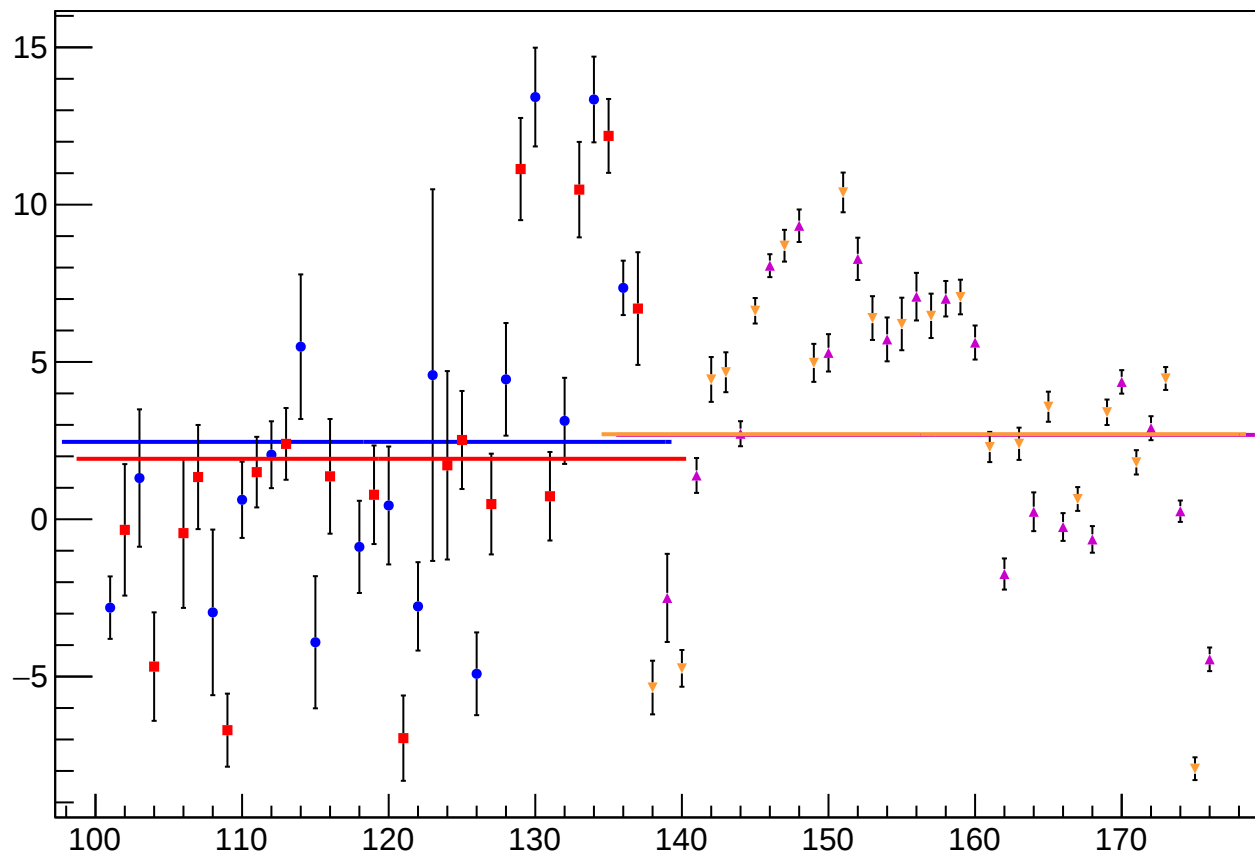
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -50.435 ± 0.123 χ^2/NDF : 10970.4/35

Out: -51.918 ± 0.127 χ^2/NDF : 10527.3/37

All: -51.151 ± 0.089 χ^2/NDF : 21567.8/73

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 2.702 ± 0.112 χ^2/NDF : 1730.1/19

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 2.682 ± 0.109 χ^2/NDF : 1265.4/18

Left: 2.692 ± 0.078 χ^2/NDF : 2995.5/38

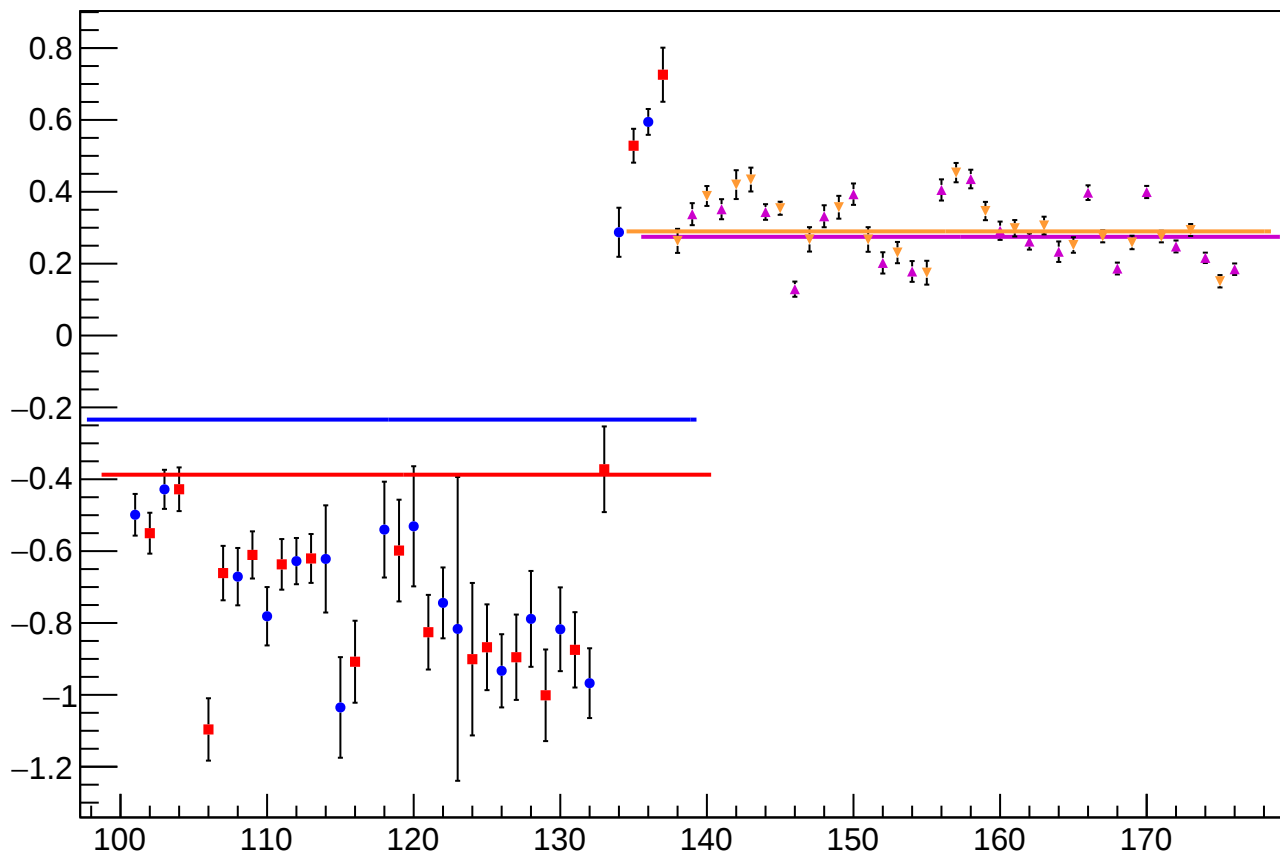
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 2.662 ± 0.104 χ^2/NDF : 1509.7/35

Out: 2.632 ± 0.106 χ^2/NDF : 1999.6/37

All: 2.647 ± 0.074 χ^2/NDF : 3509.4/73

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: 0.290 ± 0.005 χ^2/NDF : 190.9/19

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.275 ± 0.005 χ^2/NDF : 336.5/18

Left: 0.282 ± 0.004 χ^2/NDF : 531.8/38

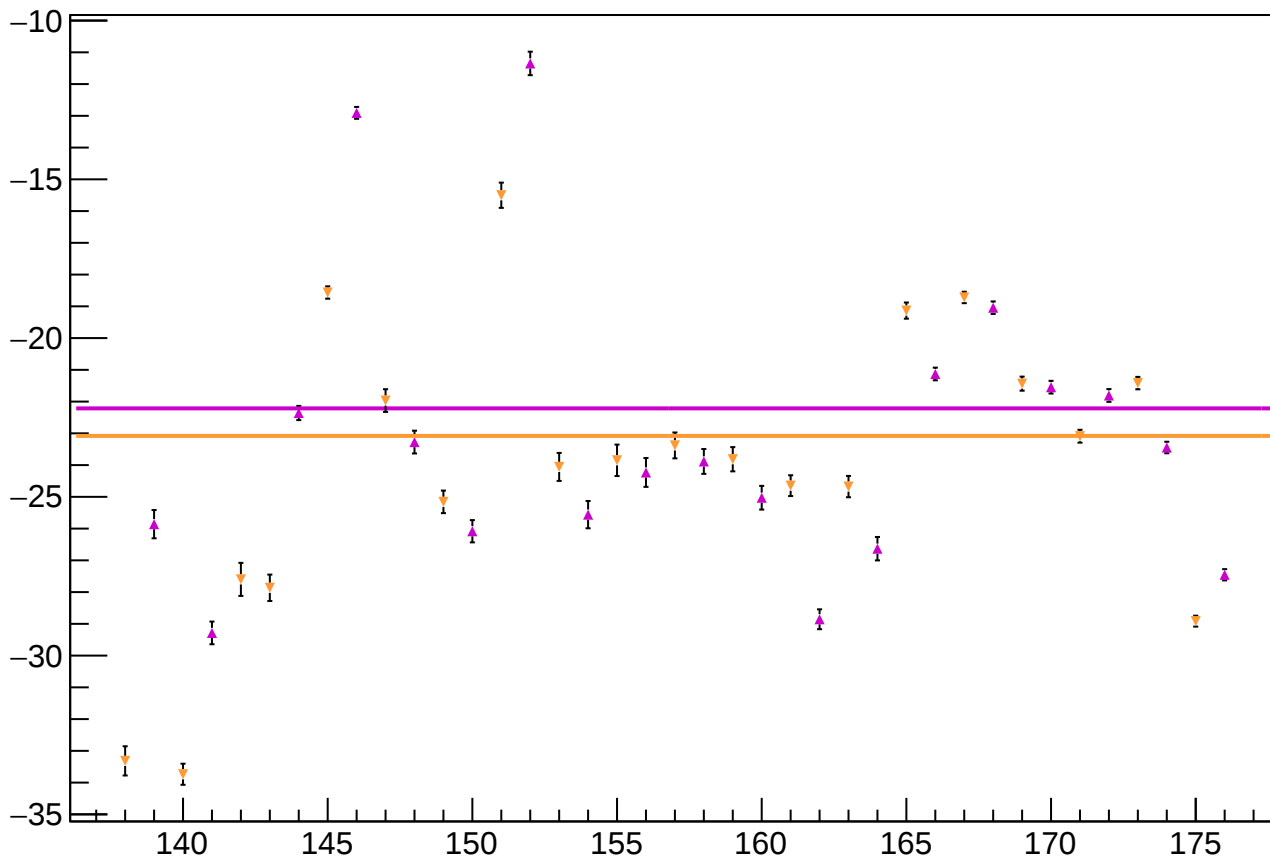
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.242 ± 0.005 χ^2/NDF : 1972.6/35

Out: 0.243 ± 0.005 χ^2/NDF : 2219.3/37

All: 0.242 ± 0.003 χ^2/NDF : 4192.0/73

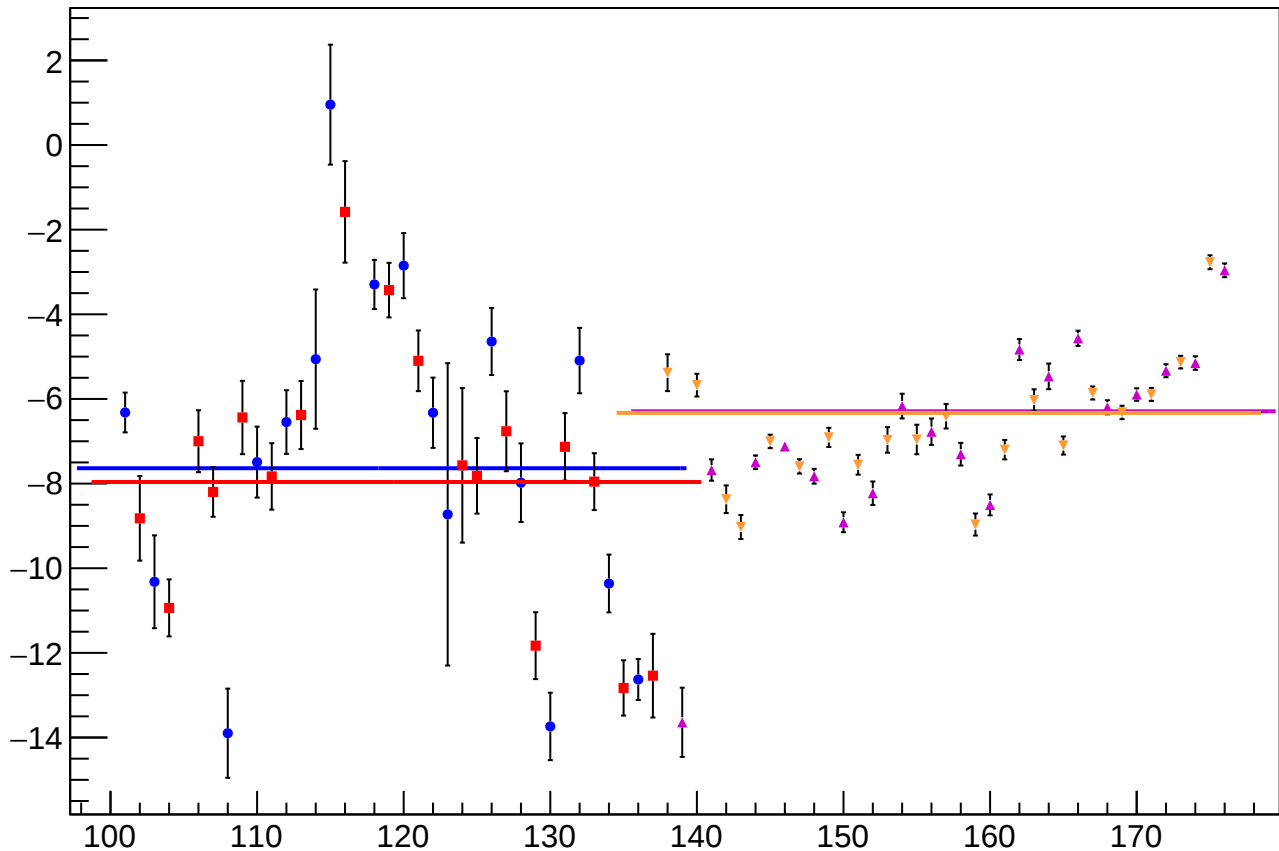
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.081+/-0.062 χ^2/NDF : 4838.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.214+/-0.059 χ^2/NDF : 5890.7/18

Left: -22.627+/-0.043 χ^2/NDF : 10832.3/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -22.214+/-0.059 χ^2/NDF : 5890.7/18
 Out: -23.081+/-0.062 χ^2/NDF : 4838.3/19
 All: -22.627+/-0.043 χ^2/NDF : 10832.3/38

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: -6.329 ± 0.047 χ^2/NDF : 936.3/19

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.291 ± 0.045 χ^2/NDF : 1215.3/18

Left: -6.309 ± 0.032 χ^2/NDF : 2151.9/38

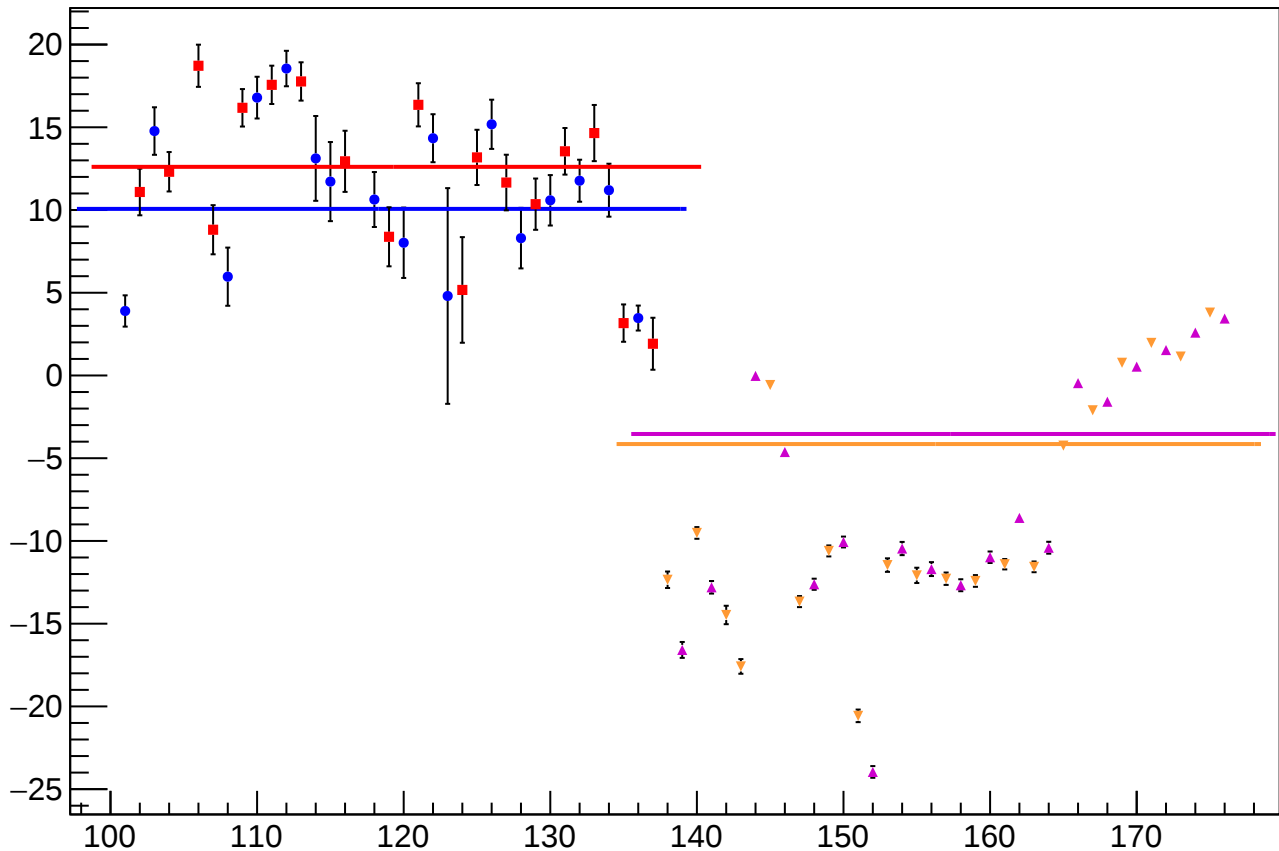
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.364 ± 0.043 χ^2/NDF : 1658.8/35

Out: -6.425 ± 0.045 χ^2/NDF : 1235.5/37

All: -6.394 ± 0.031 χ^2/NDF : 2895.2/73

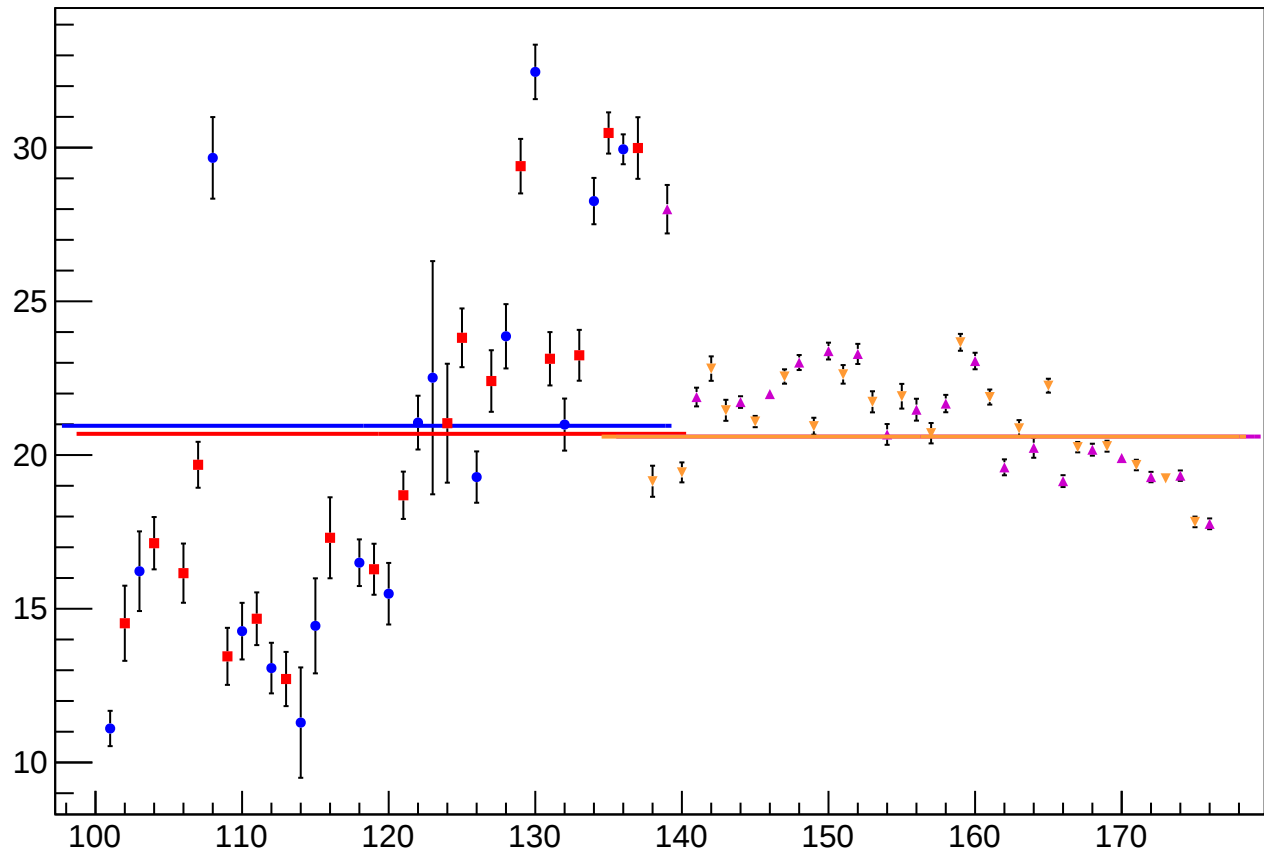
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -4.144 ± 0.062 $\chi^2/\text{NDF}: 12119.9/19$
 Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$
 Left In: -3.536 ± 0.059 $\chi^2/\text{NDF}: 12353.7/18$

Left: -3.825 ± 0.043 $\chi^2/\text{NDF}: 24524.3/38$
 Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$
 In: -3.134 ± 0.058 $\chi^2/\text{NDF}: 14184.8/35$
 Out: -3.586 ± 0.061 $\chi^2/\text{NDF}: 14784.2/37$
 All: -3.349 ± 0.042 $\chi^2/\text{NDF}: 28997.9/73$

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: 20.599 $\pm$ 0.053 χ^2 /NDF: 774.5/19

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.601 $\pm$ 0.051 χ^2 /NDF: 1078.3/18

Left: 20.600 $\pm$ 0.037 χ^2 /NDF: 1852.8/38

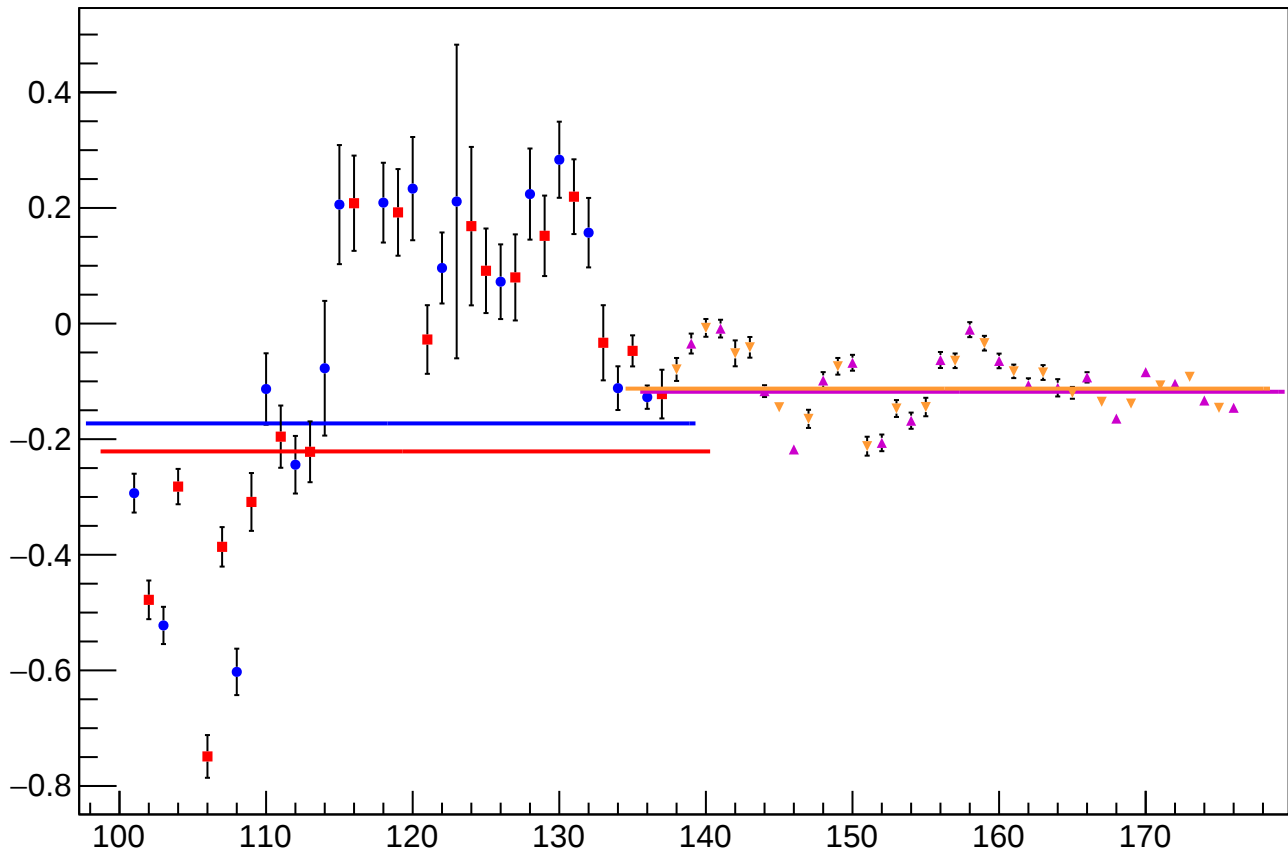
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.620 $\pm$ 0.049 χ^2 /NDF: 2303.7/35

Out: 20.605 $\pm$ 0.051 χ^2 /NDF: 1501.6/37

All: 20.613 $\pm$ 0.036 χ^2 /NDF: 3805.3/73

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: -0.113 ± 0.002 χ^2/NDF : 261.5/19

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.118 ± 0.002 χ^2/NDF : 471.3/18

Left: -0.115 ± 0.002 χ^2/NDF : 735.4/38

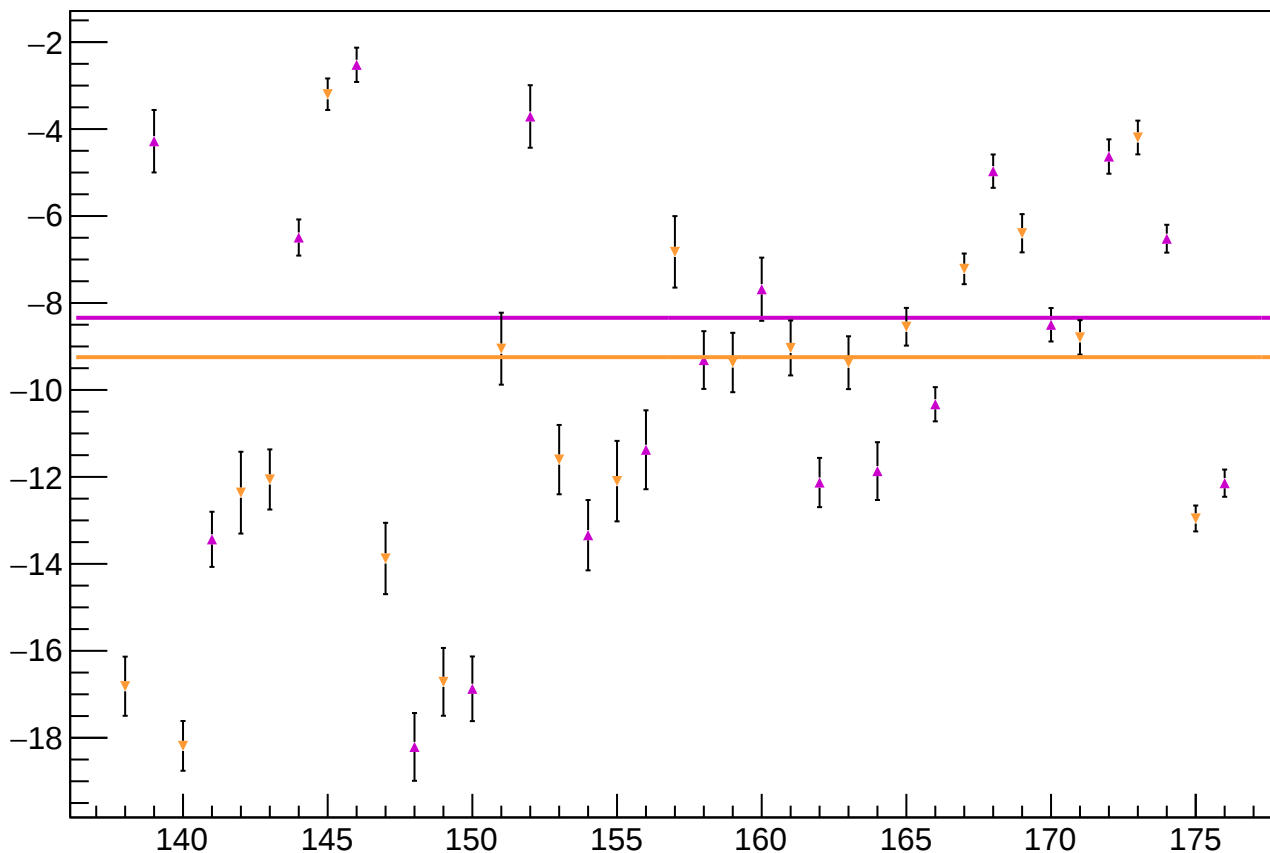
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.120 ± 0.002 χ^2/NDF : 954.5/35

Out: -0.118 ± 0.002 χ^2/NDF : 890.2/37

All: -0.119 ± 0.002 χ^2/NDF : 1845.3/73

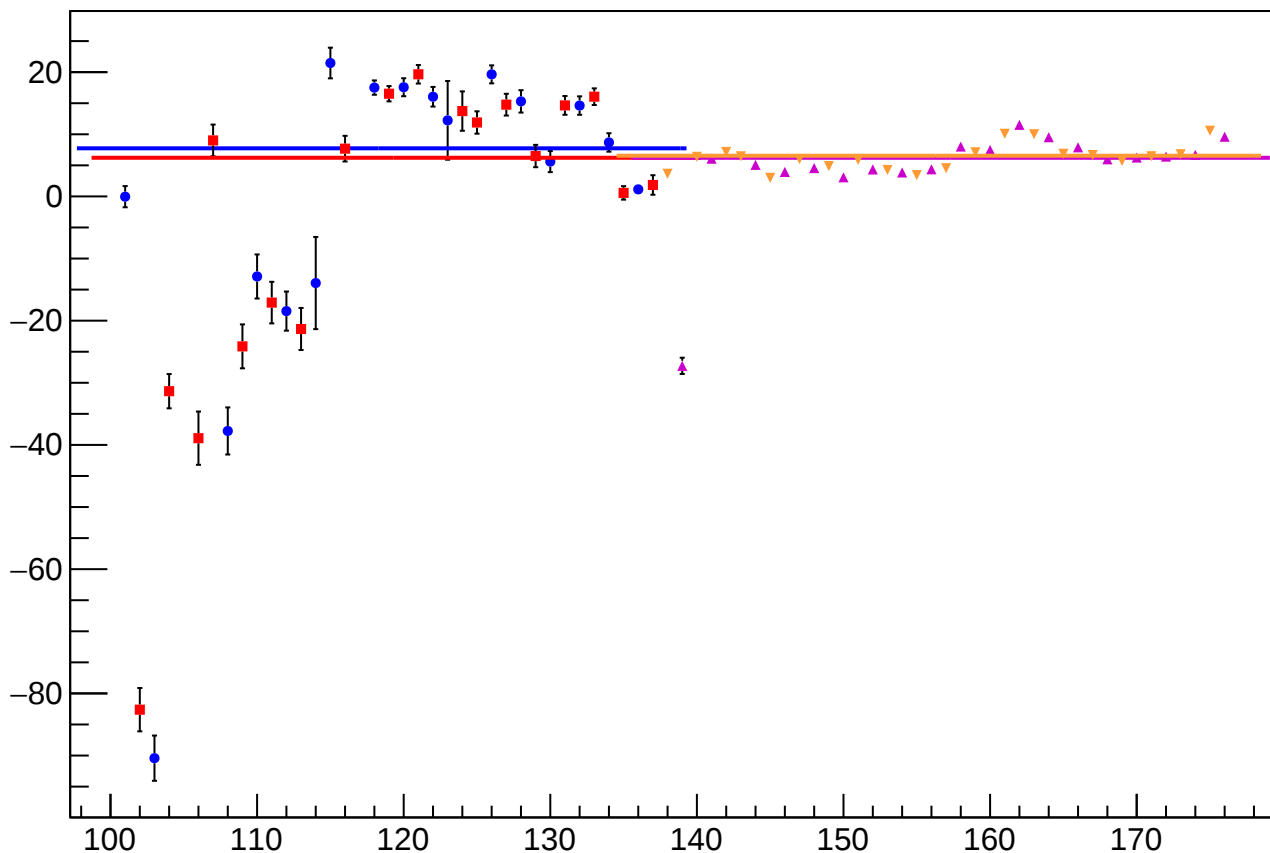
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.246 $\pm$ 0.115 χ^2/NDF :1228.3/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.340 $\pm$ 0.111 χ^2/NDF :1163.6/18

Left: -8.777 $\pm$ 0.080 χ^2/NDF : 2423.7/38
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.340 $\pm$ 0.111 χ^2/NDF :1163.6/18
 Out: -9.246 $\pm$ 0.115 χ^2/NDF :1228.3/19
 All: -8.777 $\pm$ 0.080 χ^2/NDF : 2423.7/38

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.550 ± 0.088 $\chi^2/\text{NDF}: 572.0/19$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 6.217 ± 0.086 $\chi^2/\text{NDF}: 1215.0/18$

Left: 6.379 ± 0.062 $\chi^2/\text{NDF}: 1794.4/38$

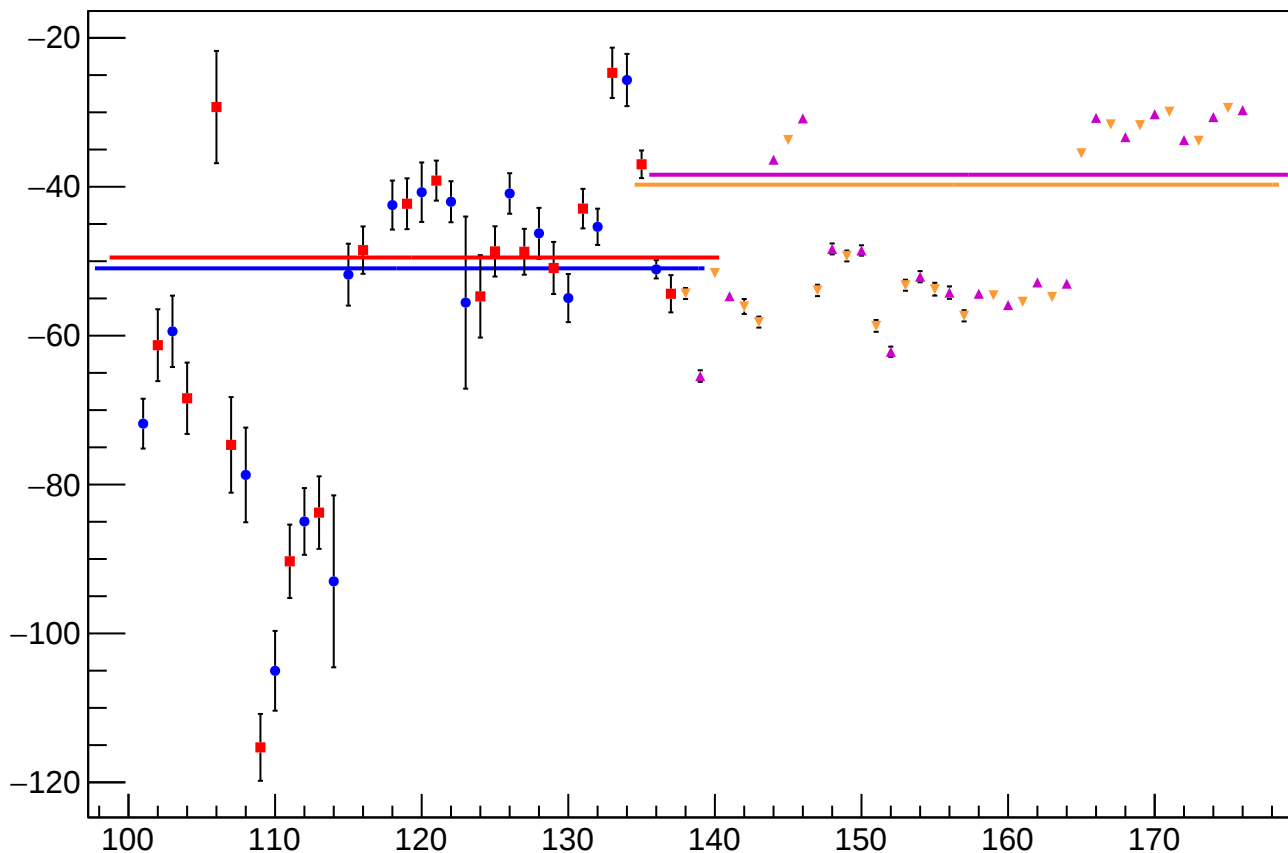
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 6.283 ± 0.084 $\chi^2/\text{NDF}: 2587.6/35$

Out: 6.537 ± 0.087 $\chi^2/\text{NDF}: 2018.5/37$

All: 6.406 ± 0.060 $\chi^2/\text{NDF}: 4610.6/73$

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: -39.719 ± 0.116 χ^2/NDF : 8963.2/19

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -38.385 ± 0.112 χ^2/NDF : 9457.6/18

Left: -39.026 ± 0.081 χ^2/NDF : 18489.2/38

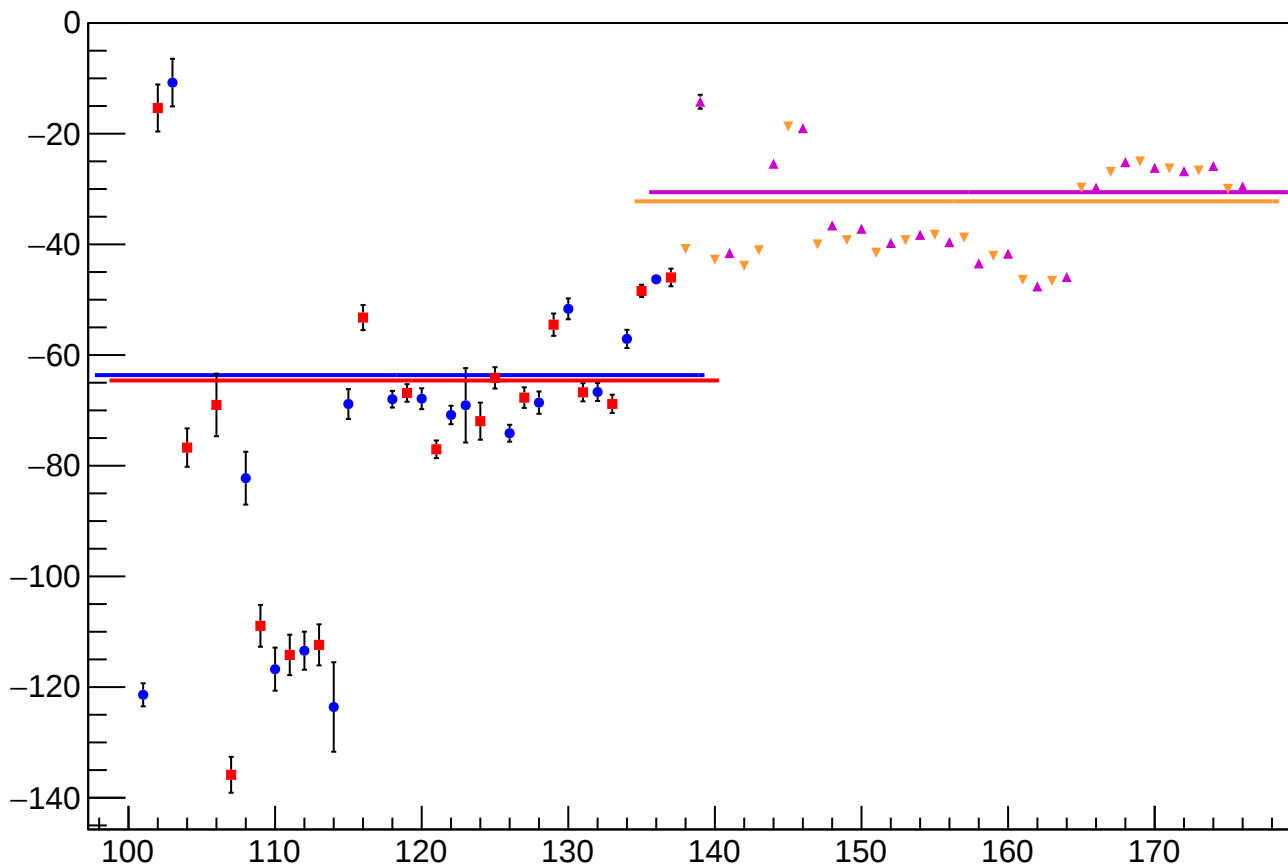
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -38.666 ± 0.110 χ^2/NDF : 10073.0/35

Out: -39.921 ± 0.115 χ^2/NDF : 9616.8/37

All: -39.269 ± 0.080 χ^2/NDF : 19751.8/73

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -32.220 $\pm$ 0.099 χ^2 /NDF: 7065.1/19

Right Out: -64.590 $\pm$ 0.482 χ^2 /NDF: 1594.3/17

Left In: -30.568 $\pm$ 0.097 χ^2 /NDF: 6893.1/18

Left: -31.374 $\pm$ 0.069 χ^2 /NDF: 14099.5/38

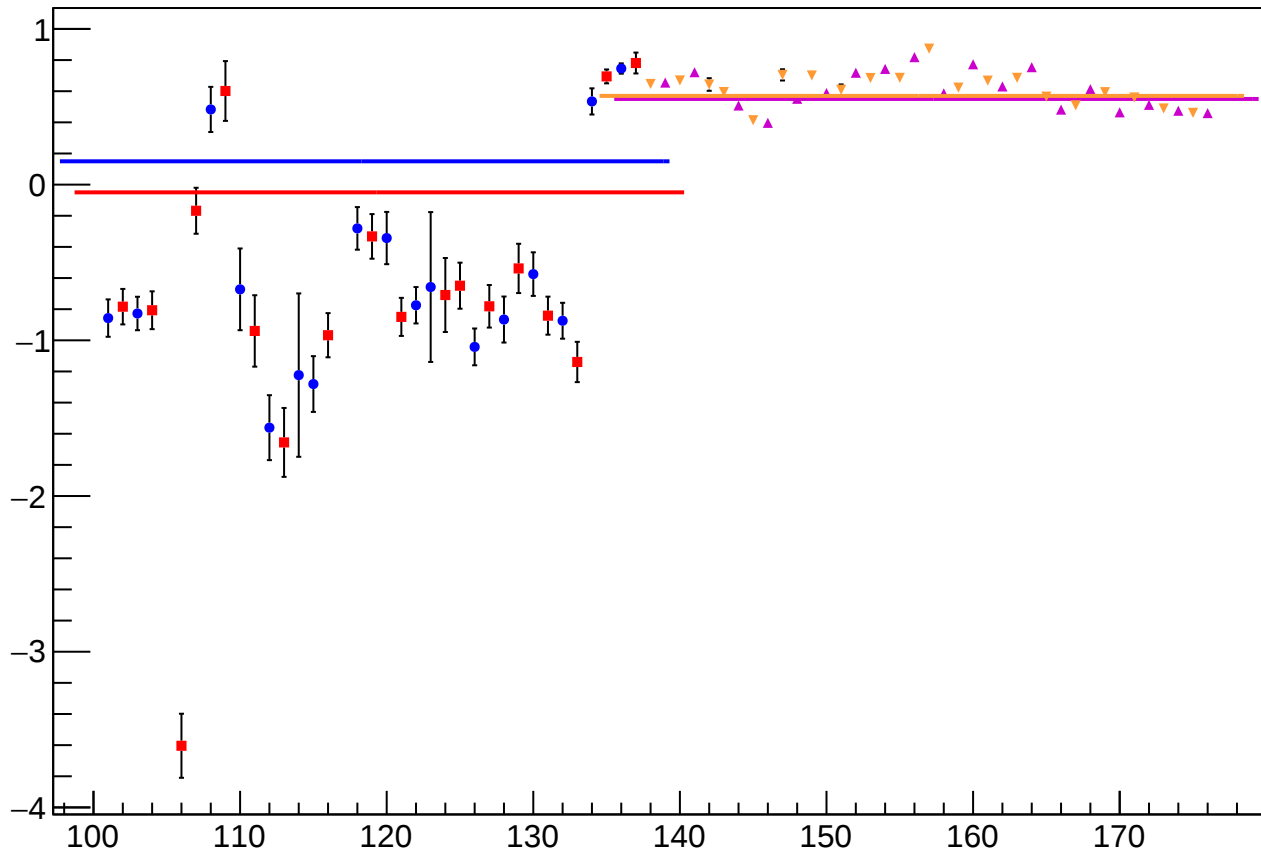
Right: -64.073 $\pm$ 0.327 χ^2 /NDF: 3607.7/34

In: -32.063 $\pm$ 0.095 χ^2 /NDF: 14155.1/35

Out: -33.540 $\pm$ 0.097 χ^2 /NDF: 12982.6/37

All: -32.781 $\pm$ 0.068 χ^2 /NDF: 27255.9/73

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16

Left Out: 0.570 ± 0.005 χ^2/NDF : 495.6/19

Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17

Left In: 0.550 ± 0.004 χ^2/NDF : 634.0/18

Left: 0.560 ± 0.003 χ^2/NDF : 1139.1/38

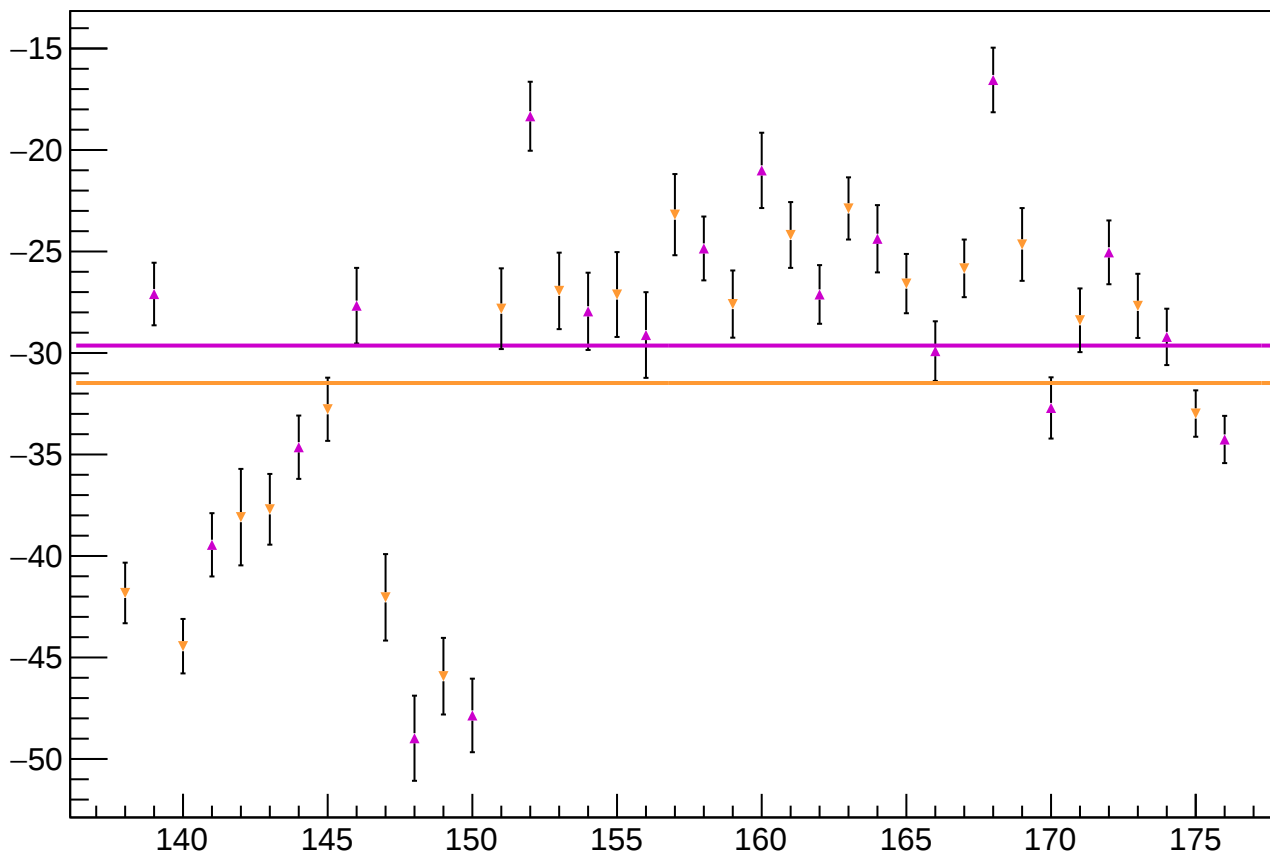
Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34

In: 0.537 ± 0.004 χ^2/NDF : 1892.8/35

Out: 0.551 ± 0.005 χ^2/NDF : 2190.9/37

All: 0.544 ± 0.003 χ^2/NDF : 4088.9/73

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: -31.479+/-0.366 χ^2/NDF :386.7/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.634+/-0.367 χ^2/NDF :425.3/18

Left: -30.560+/-0.259 χ^2/NDF : 824.7/38

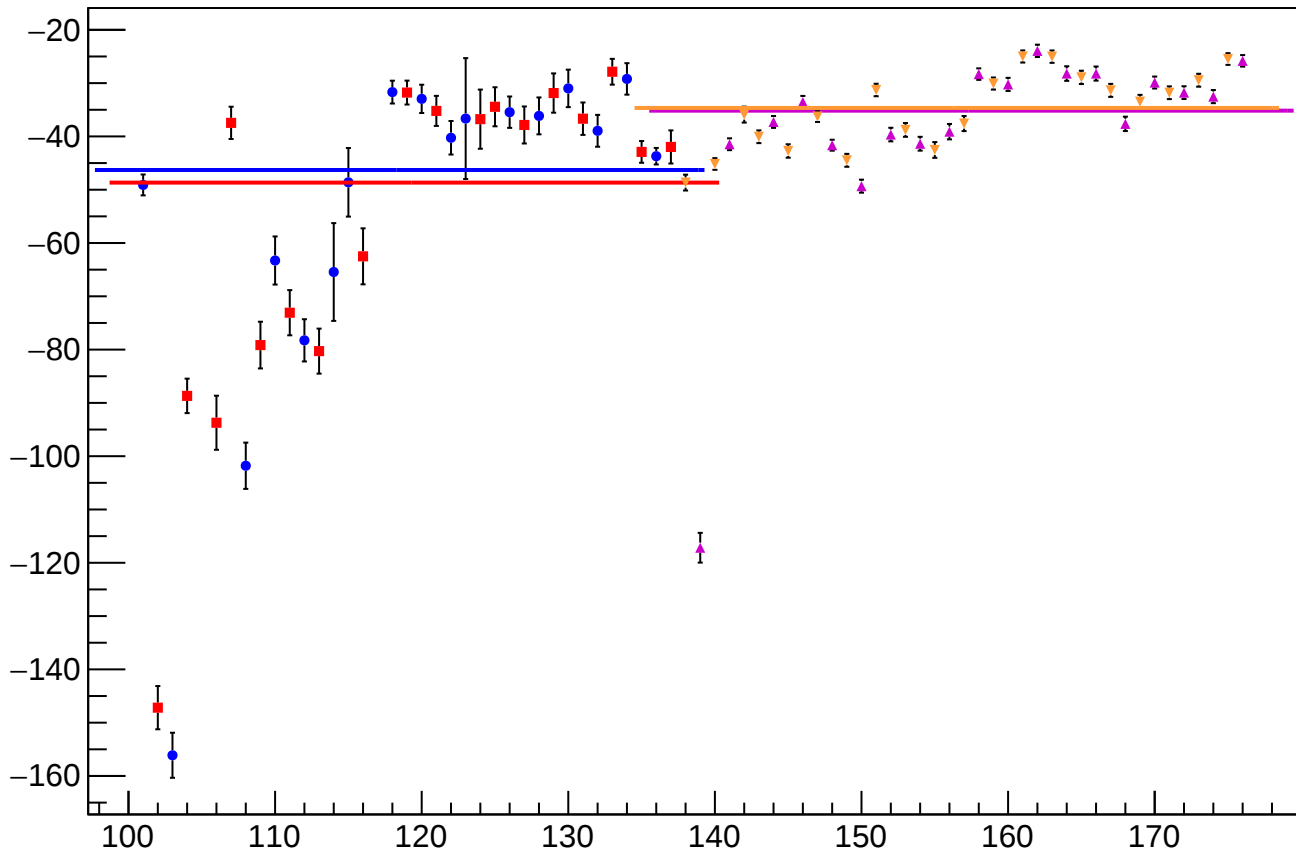
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.634+/-0.367 χ^2/NDF :425.3/18

Out: -31.479+/-0.366 χ^2/NDF :386.7/19

All: -30.560+/-0.259 χ^2/NDF : 824.7/38

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.656 ± 0.273 $\chi^2/\text{NDF}: 641.9/19$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -35.165 ± 0.280 $\chi^2/\text{NDF}: 1433.5/18$

Left: -34.904 ± 0.196 $\chi^2/\text{NDF}: 2077.1/38$

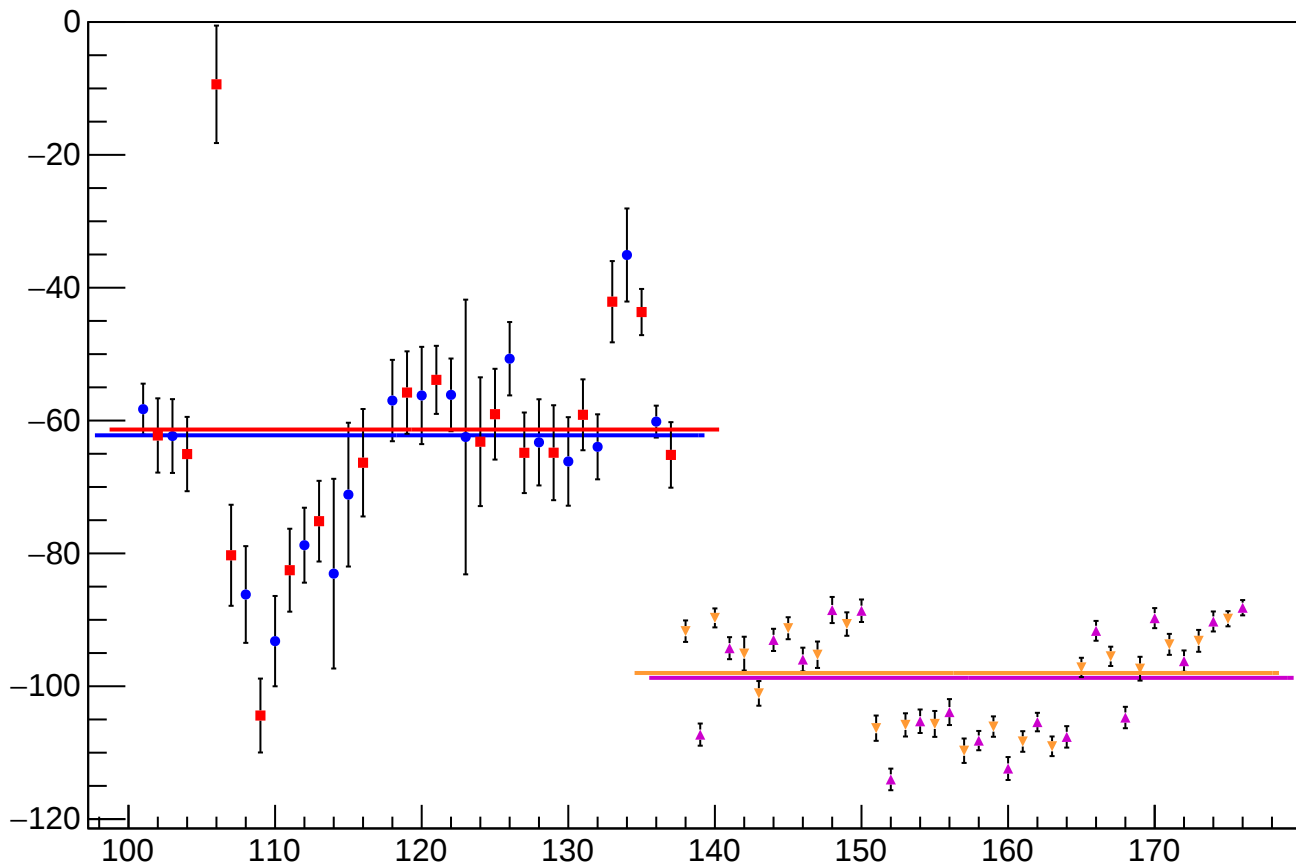
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -36.618 ± 0.261 $\chi^2/\text{NDF}: 2723.5/35$

Out: -36.246 ± 0.257 $\chi^2/\text{NDF}: 2152.8/37$

All: -36.429 ± 0.183 $\chi^2/\text{NDF}: 4877.3/73$

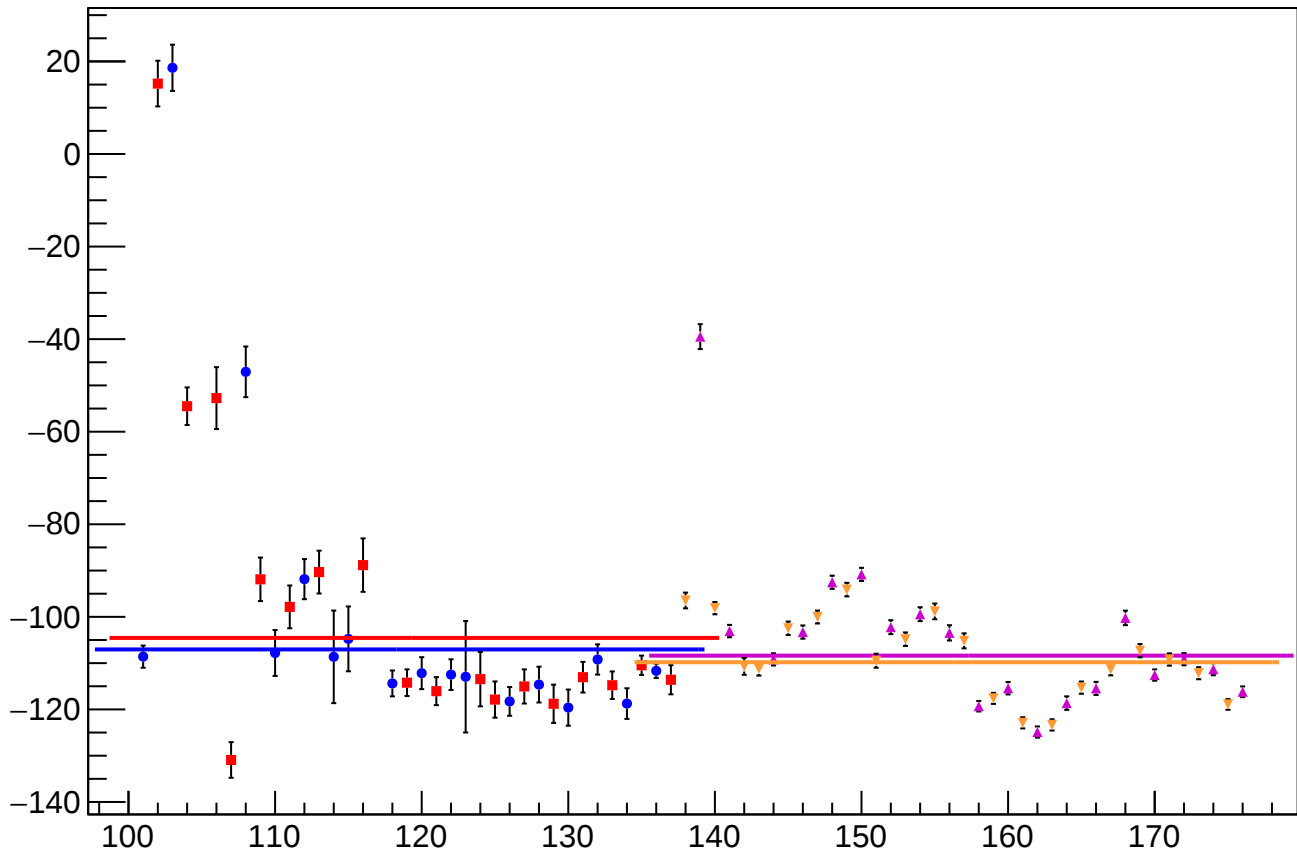
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -98.000 ± 0.365 χ^2/NDF : 382.2/19
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -98.735 ± 0.364 χ^2/NDF : 567.1/18

Left: -98.368 ± 0.258 χ^2/NDF : 951.3/38
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -96.118 ± 0.351 χ^2/NDF : 1353.8/35
 Out: -95.615 ± 0.353 χ^2/NDF : 1197.3/37
 All: -95.868 ± 0.249 χ^2/NDF : 2552.2/73

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: -109.805 ± 0.311 χ^2/NDF : 760.0/19

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -108.382 ± 0.317 χ^2/NDF : 1494.0/18

Left: -109.107 ± 0.222 χ^2/NDF : 2264.3/38

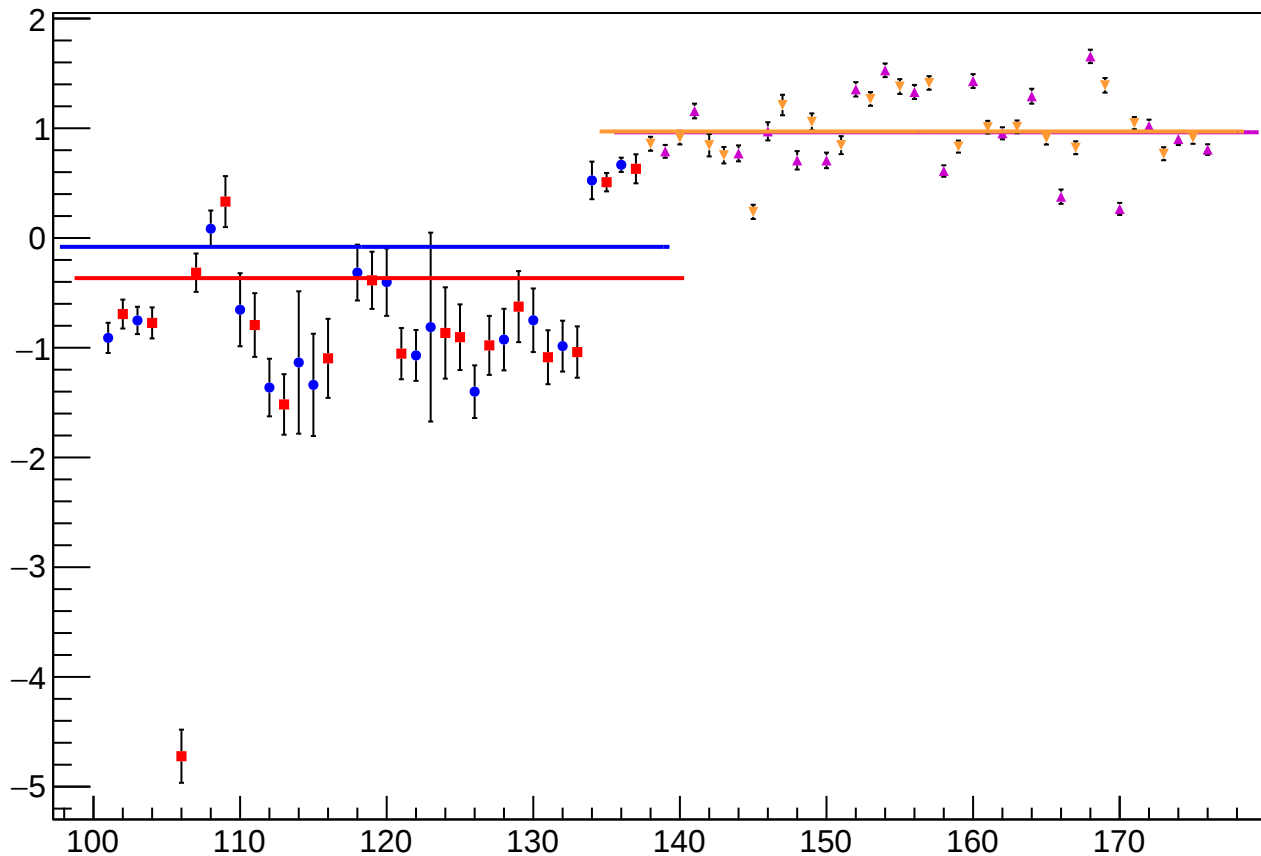
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -108.205 ± 0.295 χ^2/NDF : 2324.3/35

Out: -109.199 ± 0.292 χ^2/NDF : 1760.4/37

All: -108.707 ± 0.208 χ^2/NDF : 4090.4/73

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: 0.971 ± 0.014 χ^2/NDF : 330.9/19

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.963 ± 0.014 χ^2/NDF : 703.1/18

Left: 0.967 ± 0.010 χ^2/NDF : 1034.1/38

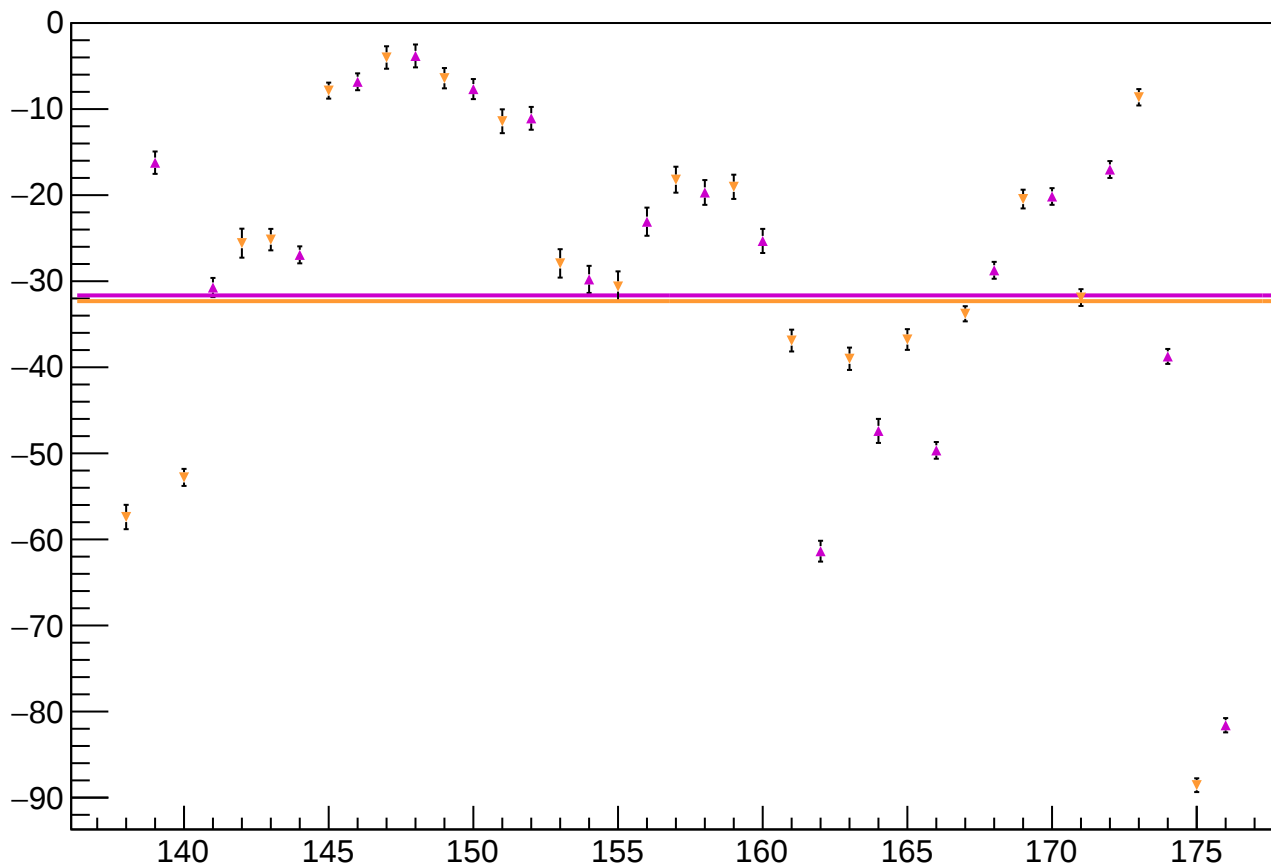
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.857 ± 0.013 χ^2/NDF : 1582.1/35

Out: 0.842 ± 0.014 χ^2/NDF : 1736.9/37

All: 0.850 ± 0.010 χ^2/NDF : 3319.6/73

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: -32.317+/-0.259 χ^2/NDF :8584.3/19

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

Left In: -31.648+/-0.256 χ^2/NDF :7143.1/18

Left: -31.978+/-0.182 χ^2/NDF : 15730.7/38

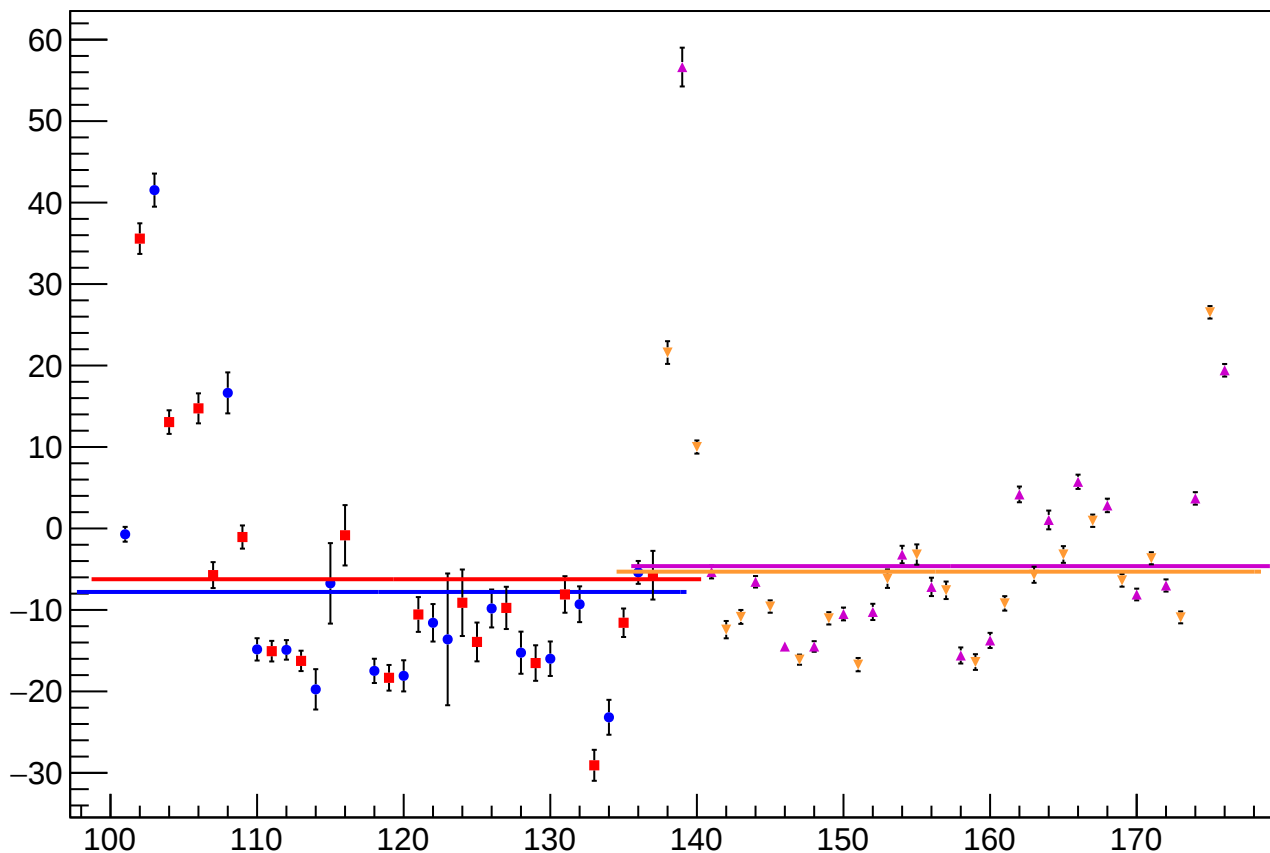
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.648+/-0.256 χ^2/NDF :7143.1/18

Out: -32.317+/-0.259 χ^2/NDF :8584.3/19

All: -31.978+/-0.182 χ^2/NDF : 15730.7/38

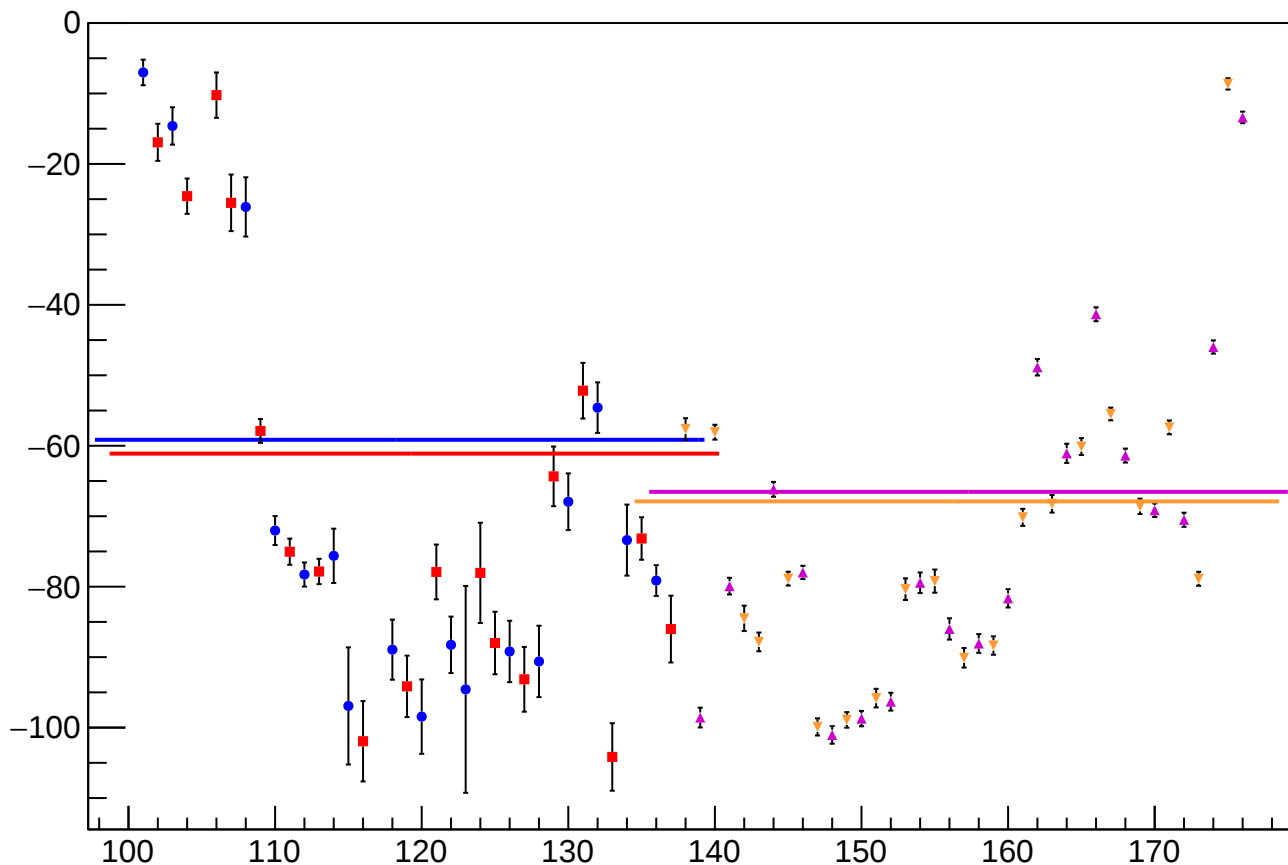
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -5.301 ± 0.192 χ^2/NDF : 3416.5/19
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -4.622 ± 0.193 χ^2/NDF : 2917.6/18

Left: -4.963 ± 0.136 χ^2/NDF : 6340.3/38
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -5.157 ± 0.176 χ^2/NDF : 3946.0/35
 Out: -5.455 ± 0.175 χ^2/NDF : 4603.3/37
 All: -5.307 ± 0.124 χ^2/NDF : 8550.8/73

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -67.896 ± 0.259 $\chi^2/\text{NDF}: 9054.6/19$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -66.536 ± 0.255 $\chi^2/\text{NDF}: 9209.7/18$

Left: -67.205 ± 0.182 $\chi^2/\text{NDF}: 18278.3/38$

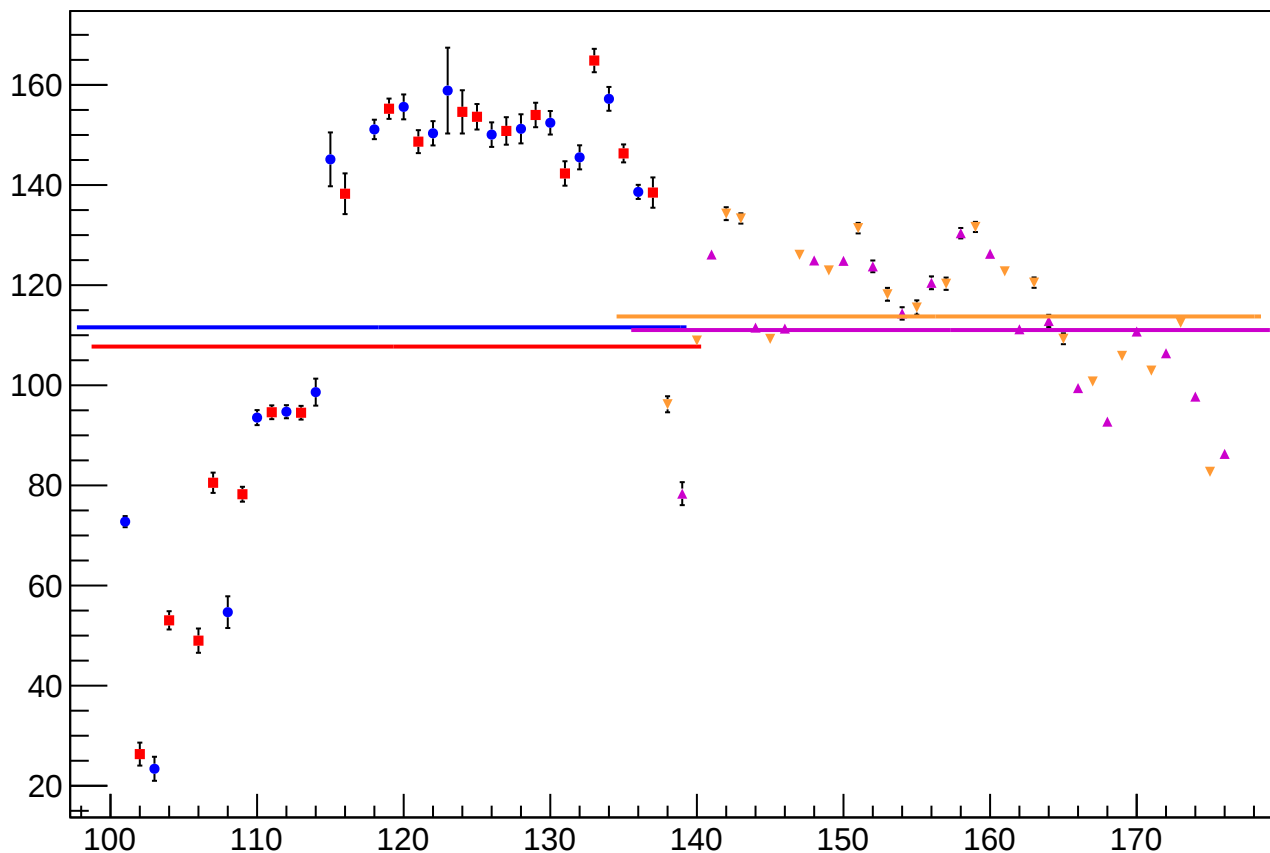
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -65.762 ± 0.241 $\chi^2/\text{NDF}: 11016.0/35$

Out: -67.095 ± 0.243 $\chi^2/\text{NDF}: 10453.4/37$

All: -66.423 ± 0.171 $\chi^2/\text{NDF}: 21484.5/73$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.749 $\pm$ 0.219 χ^2 /NDF: 3856.3/19

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 111.036 $\pm$ 0.220 χ^2 /NDF: 3372.3/18

Left: 112.396 $\pm$ 0.155 χ^2 /NDF: 7304.8/38

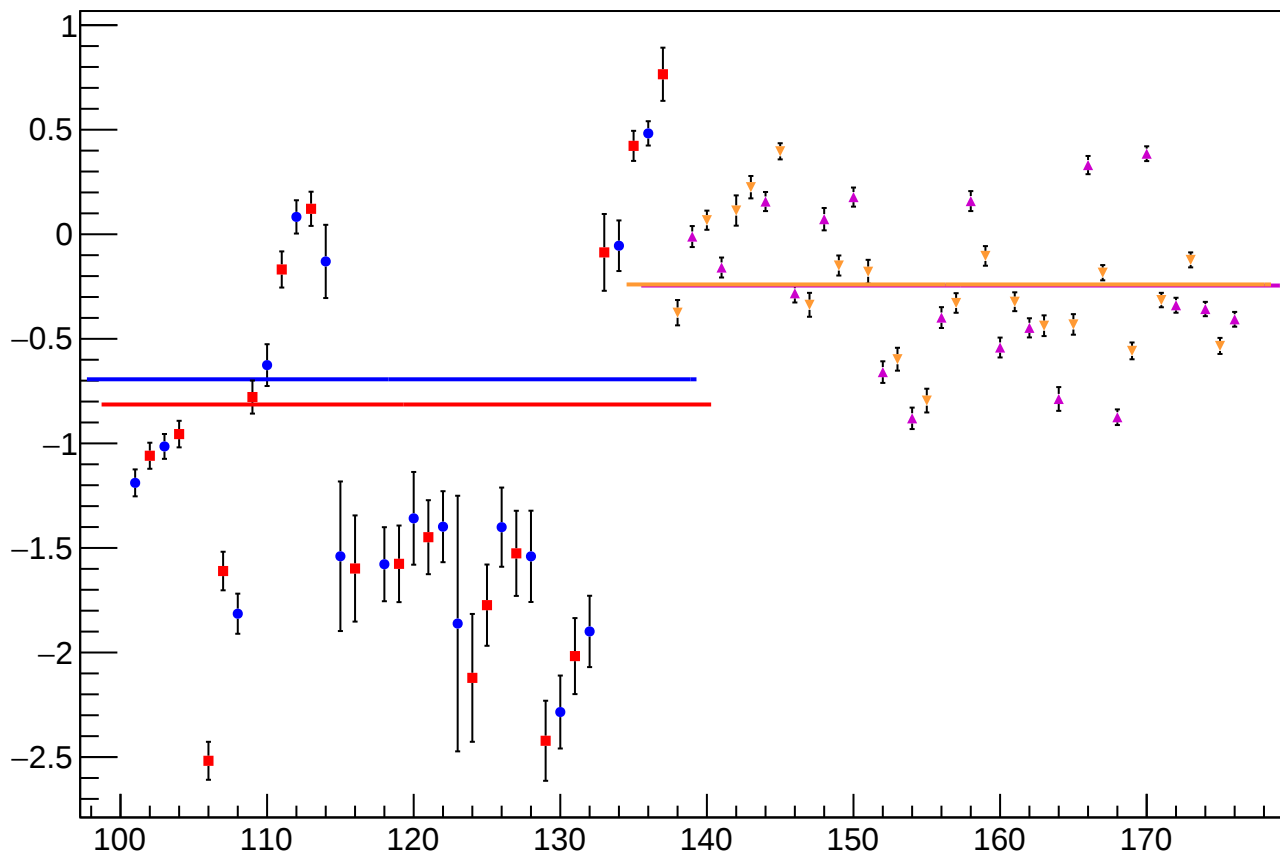
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 111.128 $\pm$ 0.201 χ^2 /NDF: 9319.2/35

Out: 112.739 $\pm$ 0.200 χ^2 /NDF: 10818.6/37

All: 111.935 $\pm$ 0.142 χ^2 /NDF: 20170.1/73

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: -0.240+/-0.010 χ^2/NDF : 752.4/19

Right Out: -0.814+/-0.024 χ^2/NDF : 1308.8/17

Left In: -0.245+/-0.010 χ^2/NDF : 1486.5/18

Left: -0.243+/-0.007 χ^2/NDF : 2239.0/38

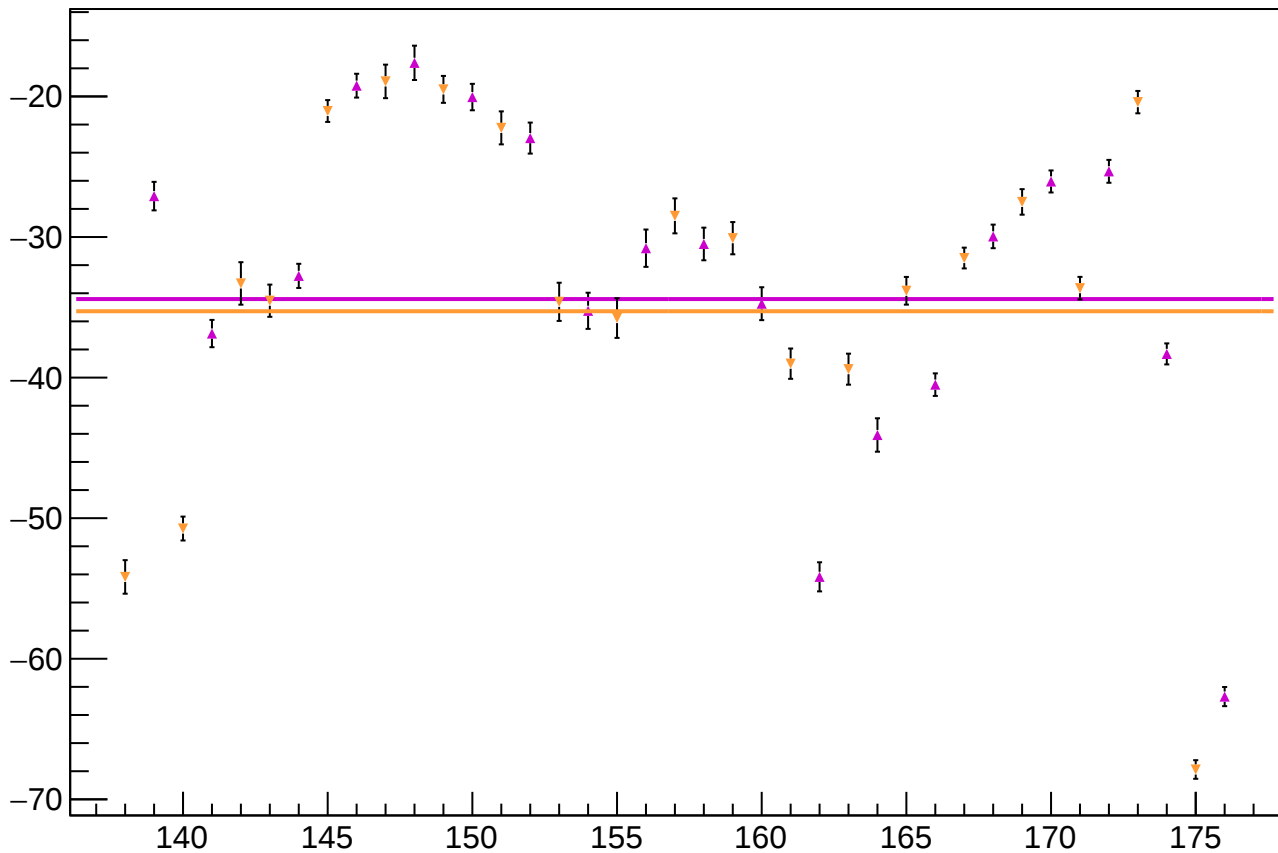
Right: -0.757+/-0.018 χ^2/NDF : 2310.9/34

In: -0.304+/-0.009 χ^2/NDF : 2739.6/35

Out: -0.325+/-0.009 χ^2/NDF : 2529.1/37

All: -0.315+/-0.007 χ^2/NDF : 5271.3/73

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: -35.280+/-0.218 χ^2/NDF : 4457.1/19

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

Left In: -34.413+/-0.214 χ^2/NDF : 3440.3/18

Left: -34.840+/-0.153 χ^2/NDF : 7905.4/38

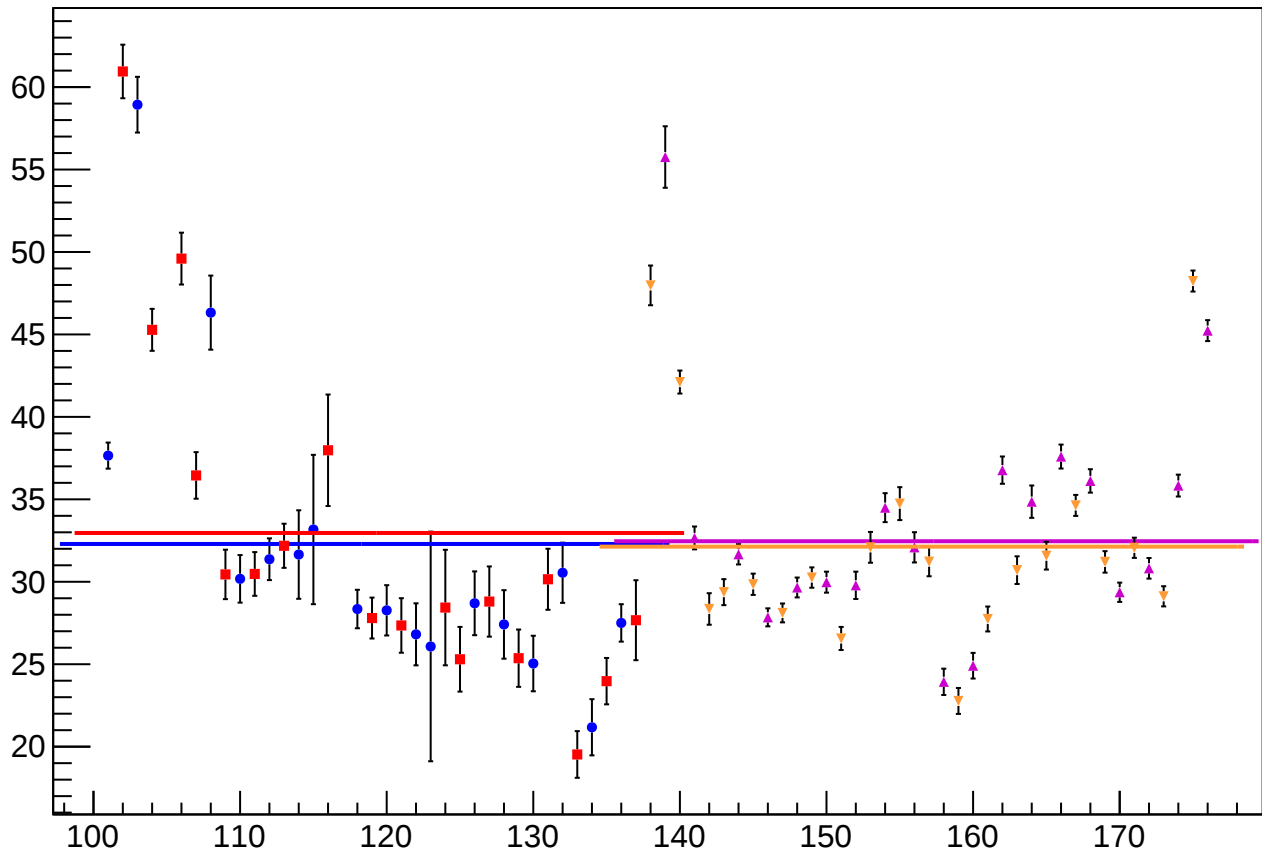
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.413+/-0.214 χ^2/NDF : 3440.3/18

Out: -35.280+/-0.218 χ^2/NDF : 4457.1/19

All: -34.840+/-0.153 χ^2/NDF : 7905.4/38

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 32.131 ± 0.163 $\chi^2/\text{NDF}: 1407.0/19$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 32.458 ± 0.164 $\chi^2/\text{NDF}: 1065.0/18$

Left: 32.294 ± 0.115 $\chi^2/\text{NDF}: 2474.1/38$

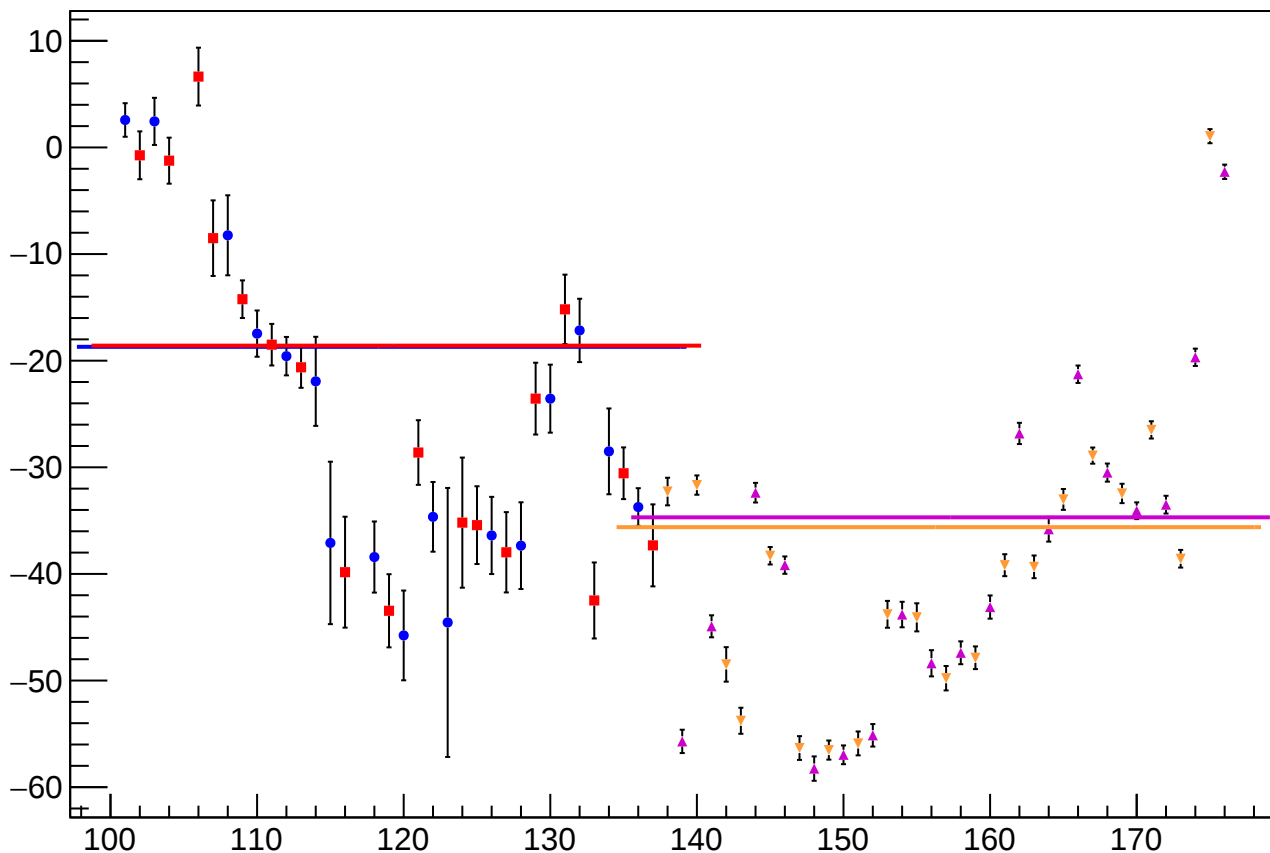
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 32.432 ± 0.150 $\chi^2/\text{NDF}: 1517.7/35$

Out: 32.259 ± 0.149 $\chi^2/\text{NDF}: 2135.1/37$

All: 32.345 ± 0.106 $\chi^2/\text{NDF}: 3653.5/73$

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: -35.614 ± 0.217 $\chi^2/\text{NDF}: 5235.1/19$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -34.694 ± 0.214 $\chi^2/\text{NDF}: 5340.9/18$

Left: -35.146 ± 0.152 $\chi^2/\text{NDF}: 10585.1/38$

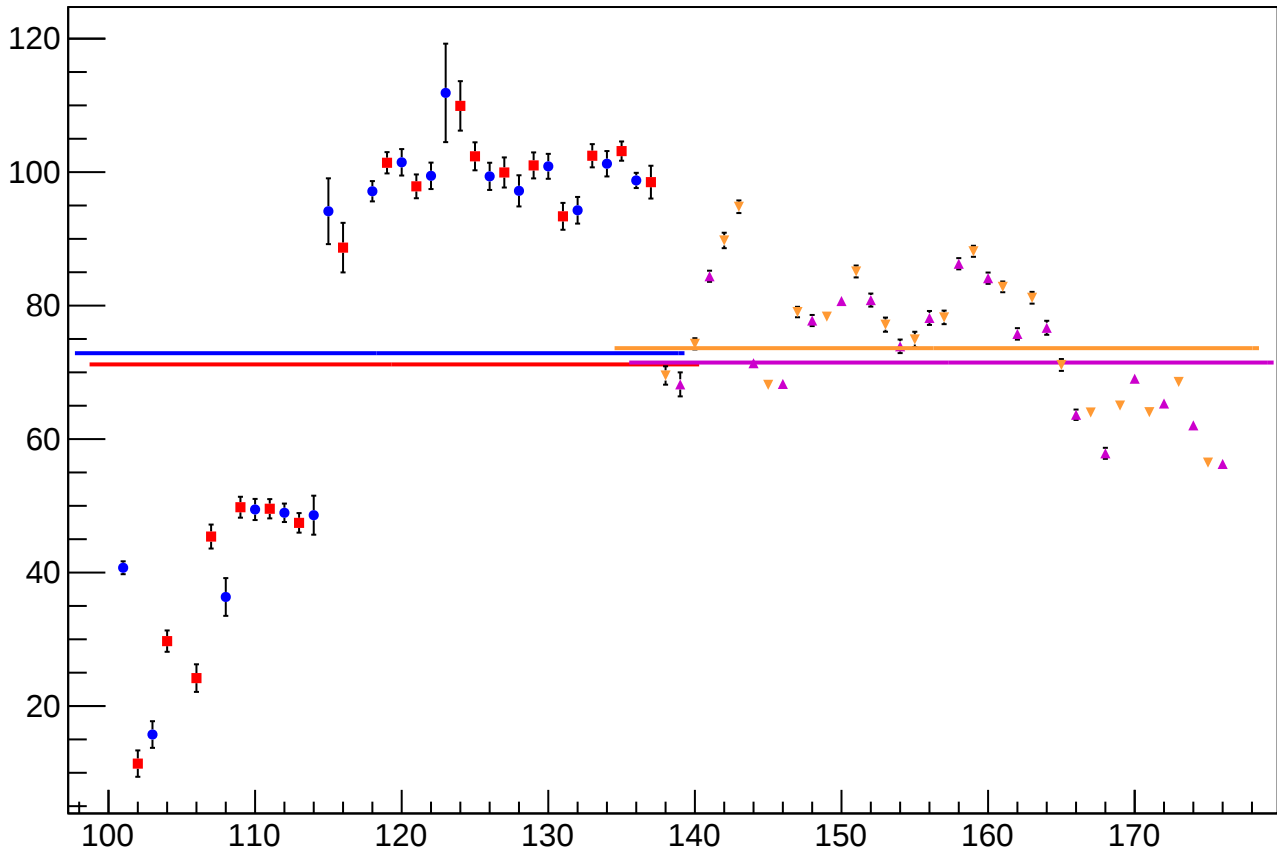
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -33.204 ± 0.203 $\chi^2/\text{NDF}: 6382.2/35$

Out: -33.889 ± 0.206 $\chi^2/\text{NDF}: 6317.5/37$

All: -33.542 ± 0.145 $\chi^2/\text{NDF}: 12705.3/73$

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: 73.624 $\pm$ 0.185 χ^2 /NDF:2809.0/19

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 71.468 $\pm$ 0.186 χ^2 /NDF:2346.7/18

Left: 72.548 $\pm$ 0.131 χ^2 /NDF: 5223.4/38

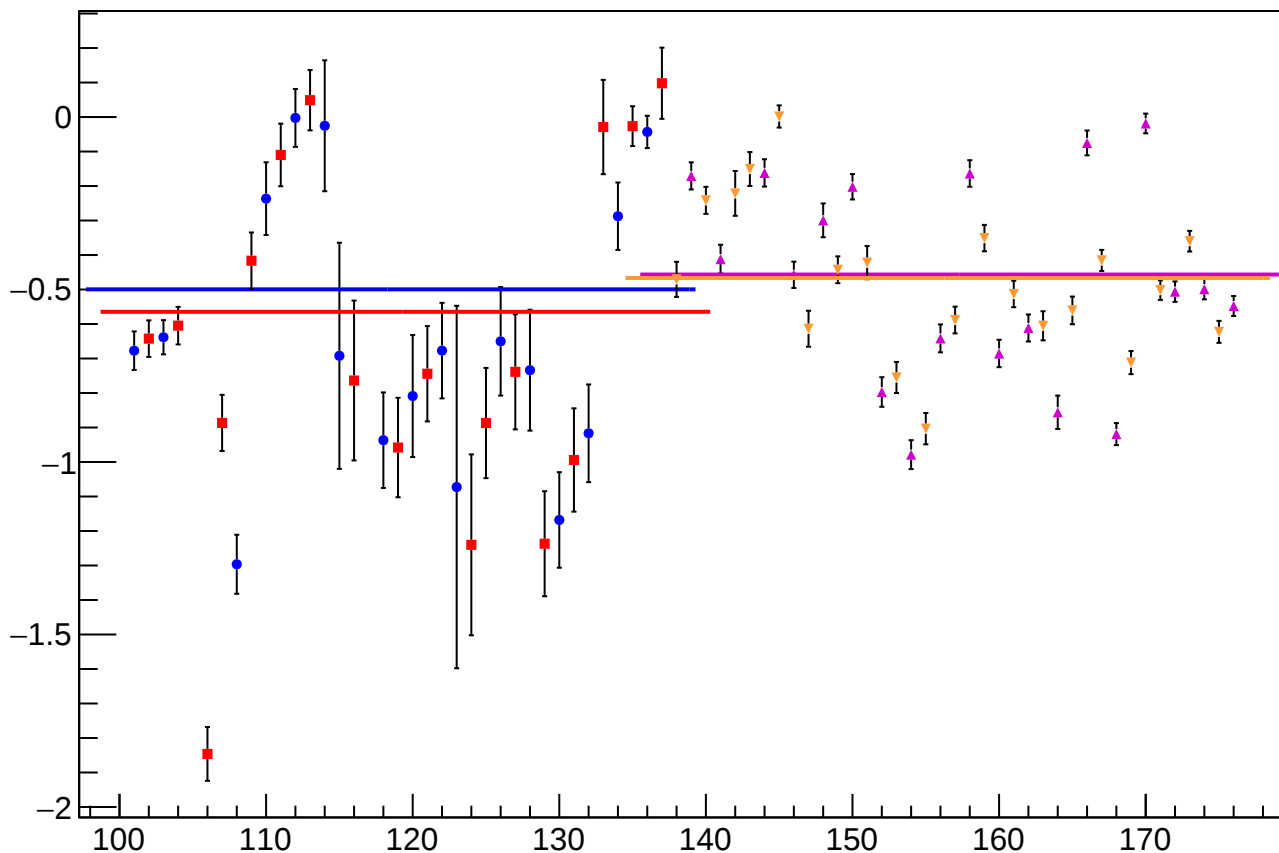
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 71.691 $\pm$ 0.170 χ^2 /NDF:7082.9/35

Out: 73.249 $\pm$ 0.170 χ^2 /NDF:8210.8/37

All: 72.469 $\pm$ 0.120 χ^2 /NDF: 15335.5/73

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 $\chi^2/\text{NDF}: 302.6/16$

Left Out: -0.467 ± 0.009 $\chi^2/\text{NDF}: 574.3/19$

Right Out: -0.565 ± 0.022 $\chi^2/\text{NDF}: 559.4/17$

Left In: -0.457 ± 0.008 $\chi^2/\text{NDF}: 1153.0/18$

Left: -0.461 ± 0.006 $\chi^2/\text{NDF}: 1727.9/38$

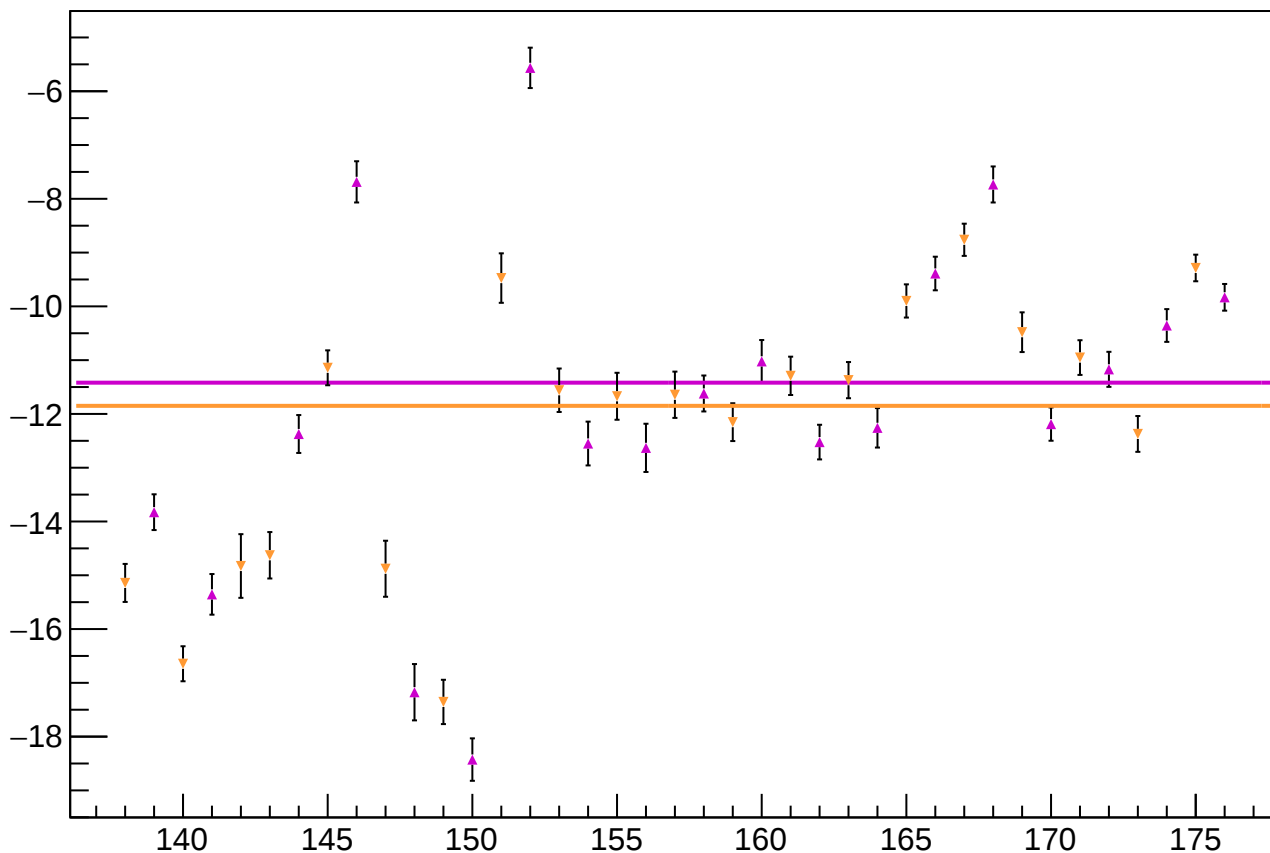
Right: -0.533 ± 0.015 $\chi^2/\text{NDF}: 866.4/34$

In: -0.462 ± 0.008 $\chi^2/\text{NDF}: 1458.8/35$

Out: -0.480 ± 0.008 $\chi^2/\text{NDF}: 1151.6/37$

All: -0.471 ± 0.006 $\chi^2/\text{NDF}: 2613.0/73$

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: -11.850 ± 0.080 χ^2/NDF : 898.2/19

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

Left In: -11.419 ± 0.080 χ^2/NDF : 1199.0/18

Left: -11.632 ± 0.057 χ^2/NDF : 2111.8/38

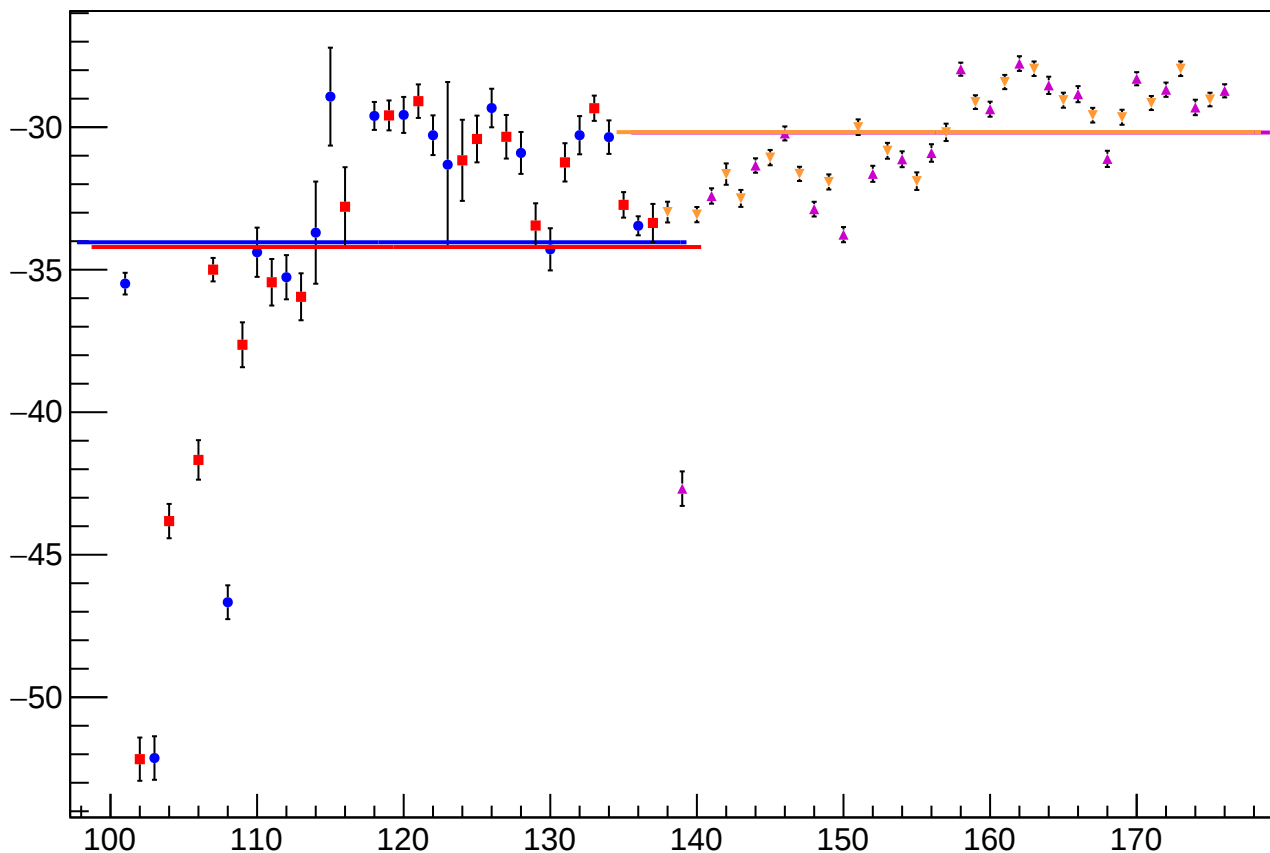
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.419 ± 0.080 χ^2/NDF : 1199.0/18

Out: -11.850 ± 0.080 χ^2/NDF : 898.2/19

All: -11.632 ± 0.057 χ^2/NDF : 2111.8/38

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: -30.174 ± 0.061 χ^2/NDF : 665.0/19

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.187 ± 0.062 χ^2/NDF : 1252.8/18

Left: -30.180 ± 0.043 χ^2/NDF : 1917.8/38

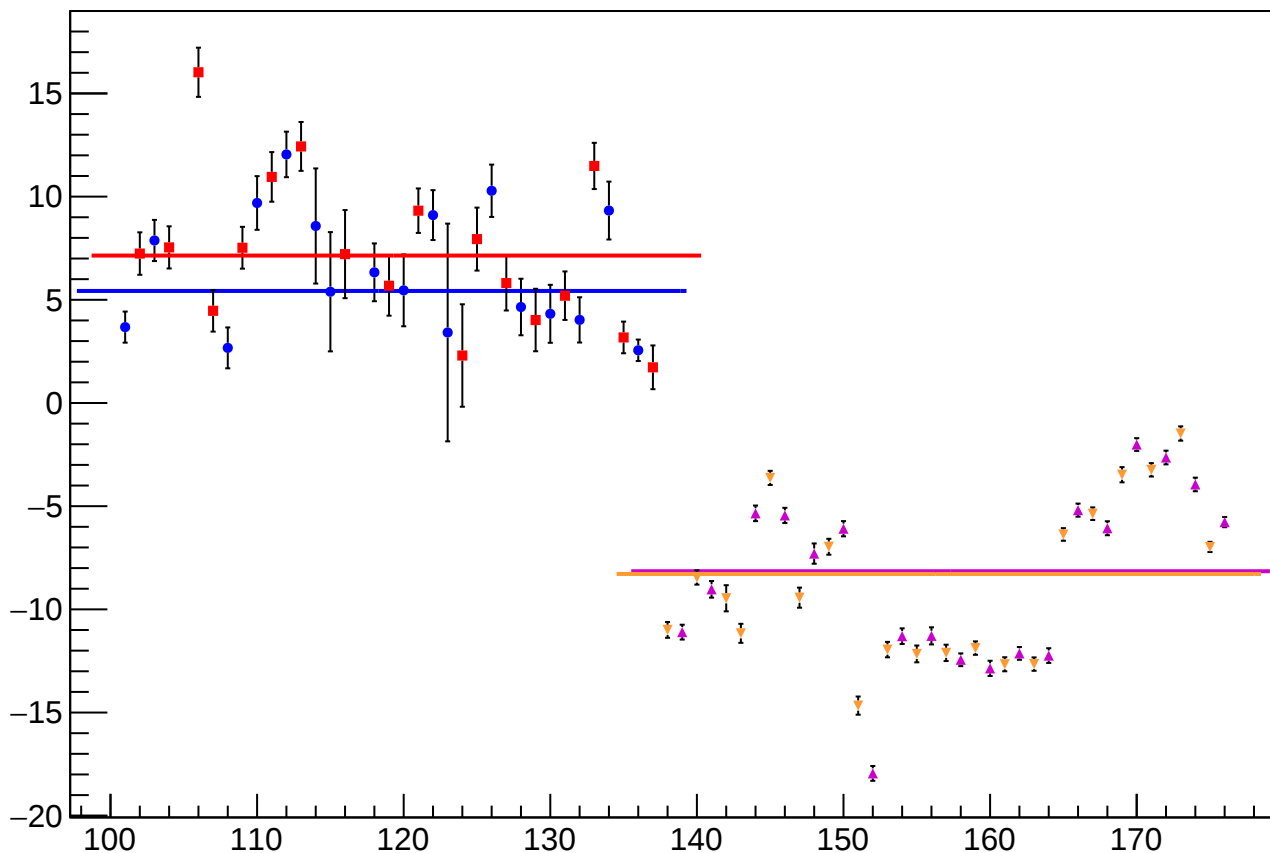
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.736 ± 0.057 χ^2/NDF : 3154.4/35

Out: -30.733 ± 0.056 χ^2/NDF : 2601.0/37

All: -30.735 ± 0.040 χ^2/NDF : 5755.4/73

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 $\pm$ 0.270 χ^2 /NDF: 132.6/16

Left Out: -8.284 $\pm$ 0.080 χ^2 /NDF: 2205.1/19

Right Out: 7.144 $\pm$ 0.275 χ^2 /NDF: 177.9/17

Left In: -8.152 $\pm$ 0.079 χ^2 /NDF: 2784.5/18

Left: -8.217 $\pm$ 0.056 χ^2 /NDF: 4991.0/38

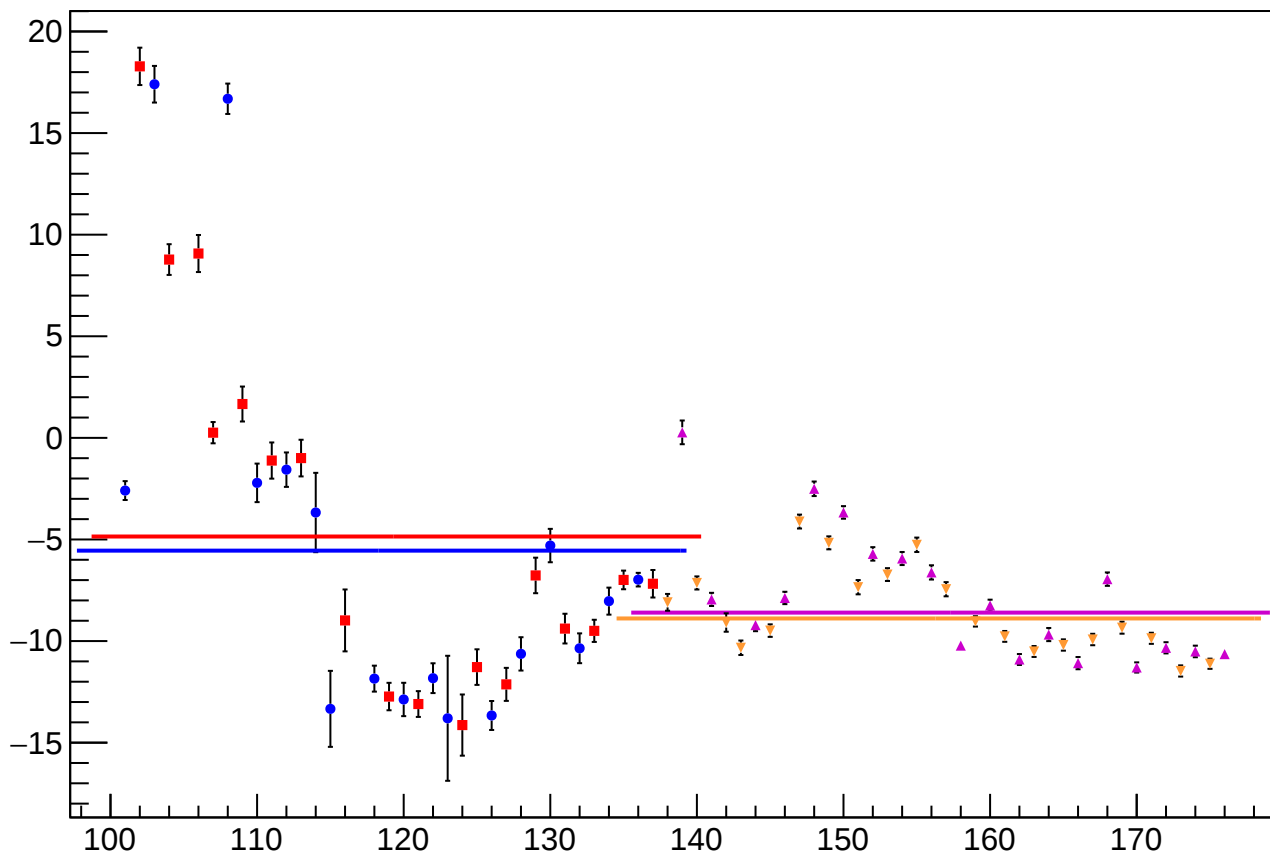
Right: 6.271 $\pm$ 0.193 χ^2 /NDF: 330.3/34

In: -7.080 $\pm$ 0.076 χ^2 /NDF: 5249.5/35

Out: -7.084 $\pm$ 0.077 χ^2 /NDF: 5287.1/37

All: -7.082 $\pm$ 0.054 χ^2 /NDF: 10536.6/73

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: -8.888 ± 0.068 χ^2/NDF : 835.4/19

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.600 ± 0.069 χ^2/NDF : 1456.8/18

Left: -8.745 ± 0.049 χ^2/NDF : 2301.0/38

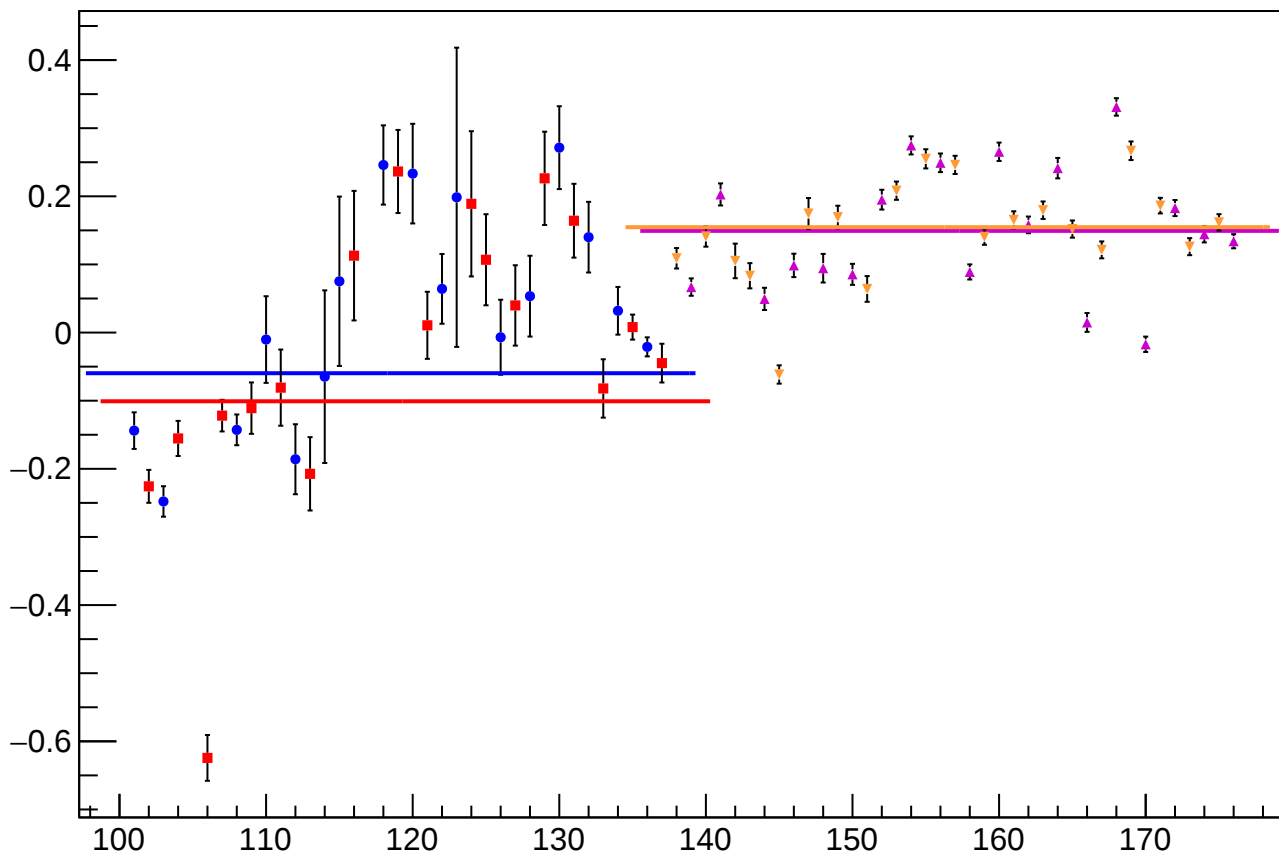
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.168 ± 0.064 χ^2/NDF : 3859.4/35

Out: -8.342 ± 0.064 χ^2/NDF : 3319.3/37

All: -8.256 ± 0.045 χ^2/NDF : 7182.5/73

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: 0.155 ± 0.003 χ^2/NDF : 519.4/19

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.149 ± 0.003 χ^2/NDF : 941.7/18

Left: 0.152 ± 0.002 χ^2/NDF : 1462.6/38

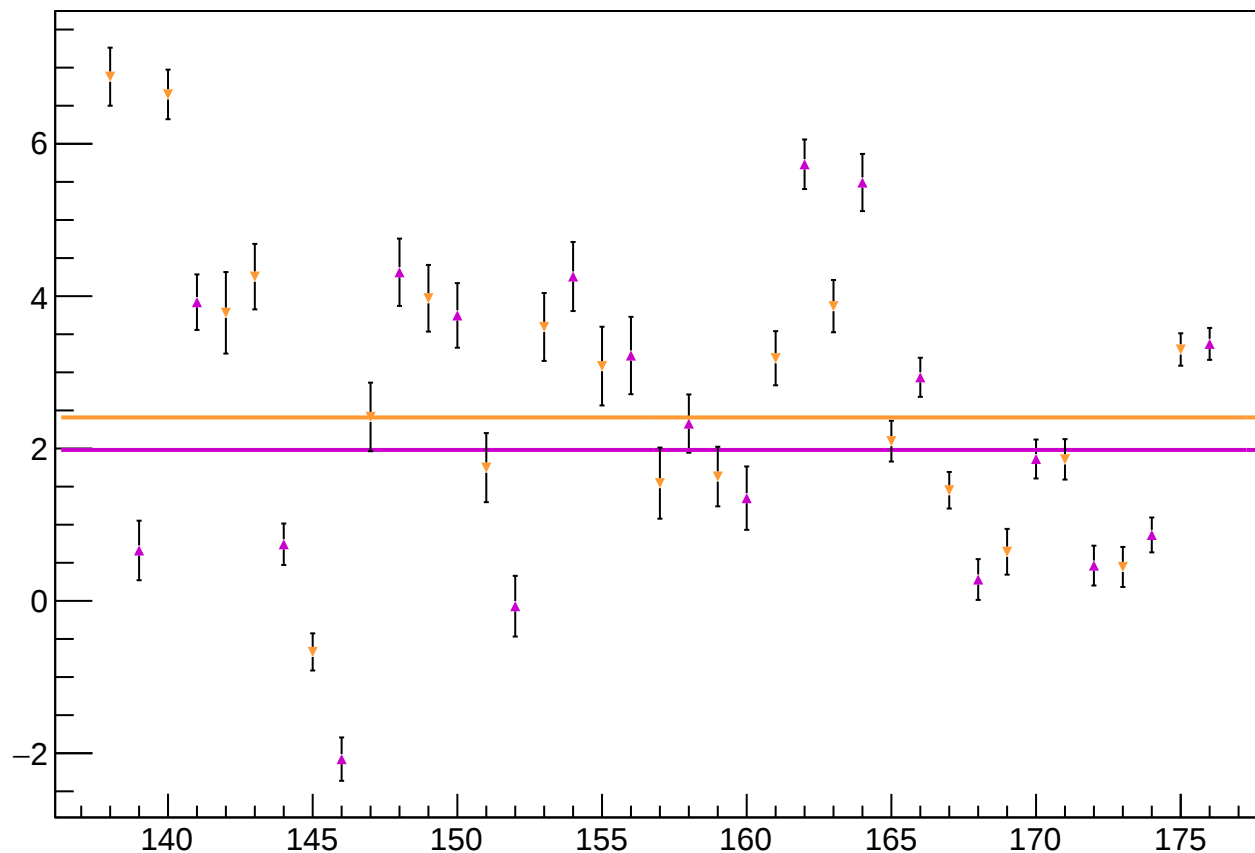
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.125 ± 0.003 χ^2/NDF : 1705.2/35

Out: 0.124 ± 0.003 χ^2/NDF : 1753.1/37

All: 0.124 ± 0.002 χ^2/NDF : 3458.3/73

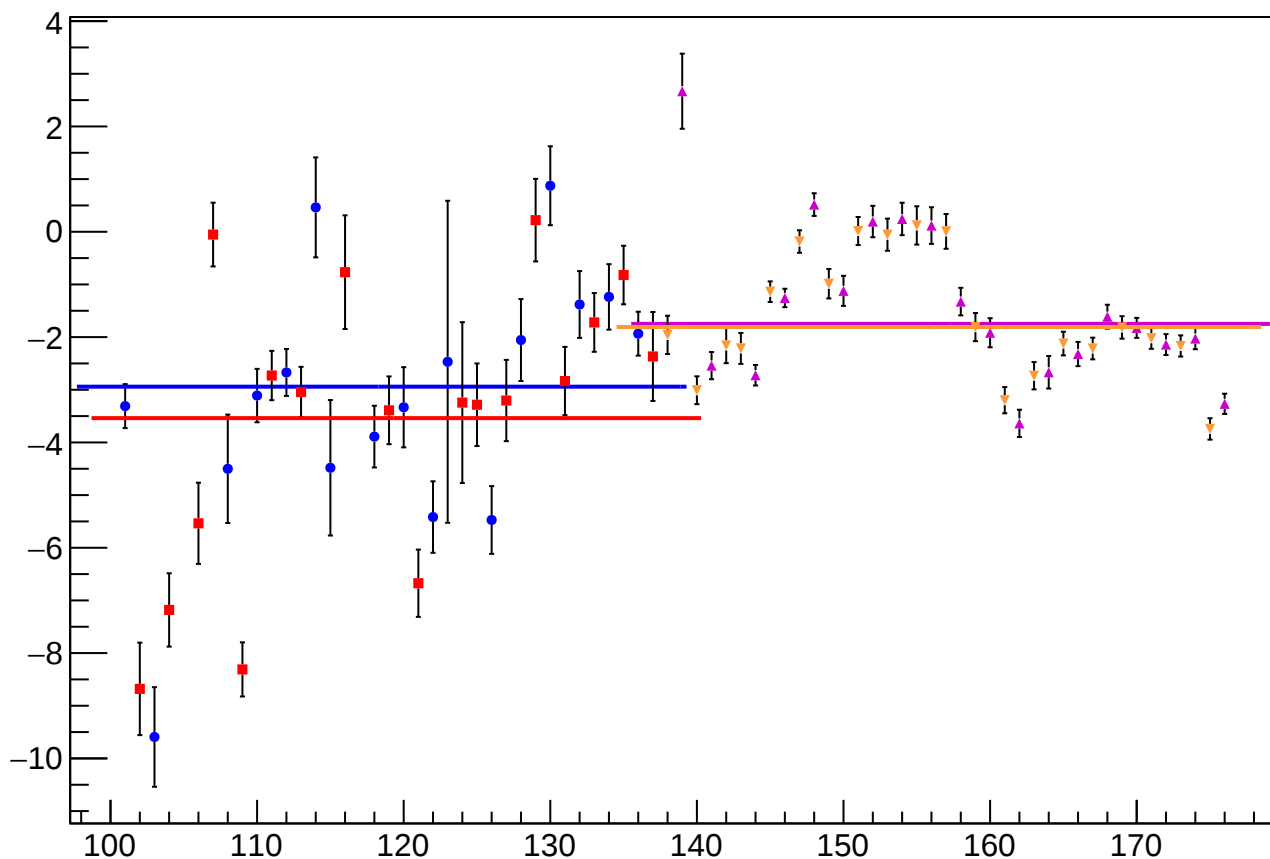
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.408 $\pm$ 0.073 χ^2 /NDF:675.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.981 $\pm$ 0.071 χ^2 /NDF:746.4/18

Left: 2.190 $\pm$ 0.051 χ^2 /NDF: 1439.2/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.981 $\pm$ 0.071 χ^2 /NDF:746.4/18
 Out: 2.408 $\pm$ 0.073 χ^2 /NDF:675.5/19
 All: 2.190 $\pm$ 0.051 χ^2 /NDF: 1439.2/38

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: -1.809 ± 0.055 χ^2/NDF : 384.2/19

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.749 ± 0.055 χ^2/NDF : 449.5/18

Left: -1.778 ± 0.039 χ^2/NDF : 834.3/38

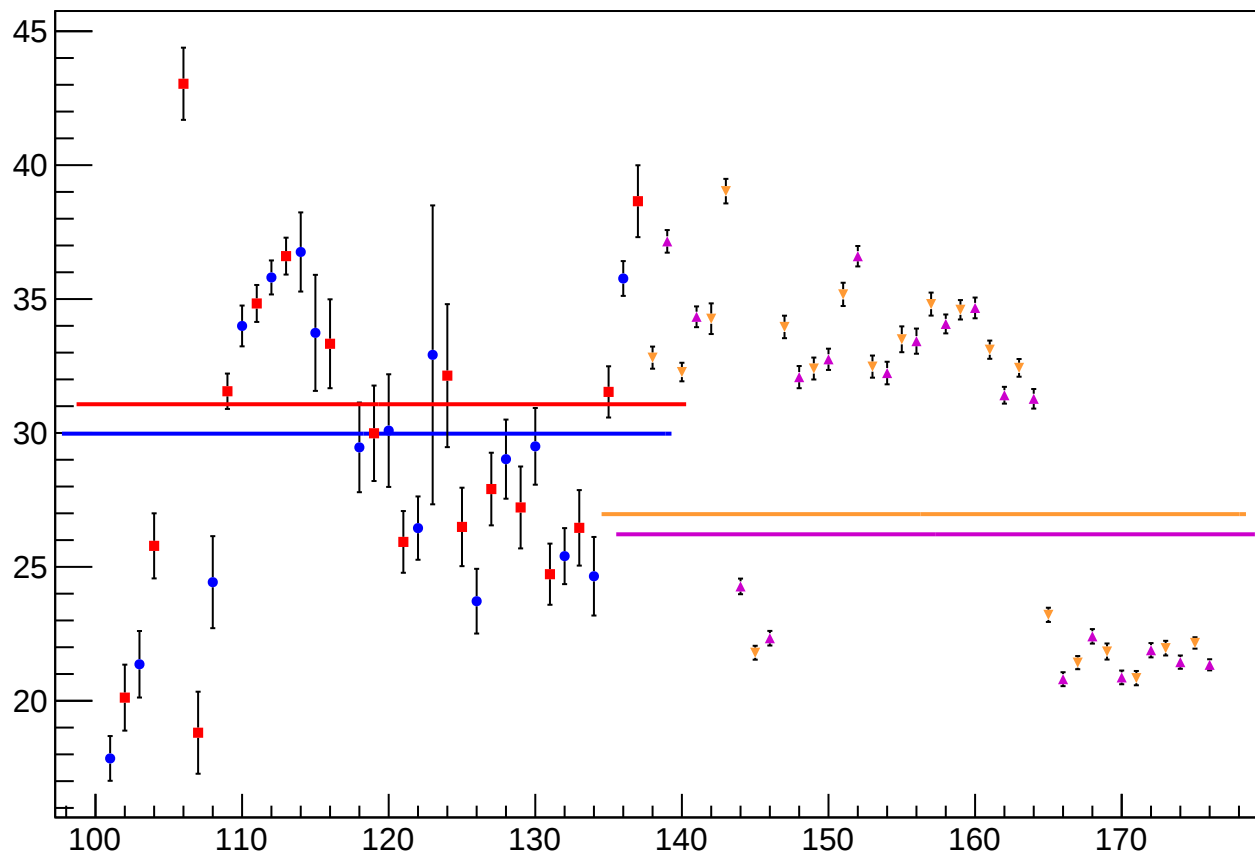
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.881 ± 0.051 χ^2/NDF : 648.2/35

Out: -2.004 ± 0.052 χ^2/NDF : 778.8/37

All: -1.942 ± 0.037 χ^2/NDF : 1429.8/73

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: 26.969 $\pm$ 0.073 χ^2 /NDF:6603.2/19

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 26.217 $\pm$ 0.071 χ^2 /NDF:6695.7/18

Left: 26.583 $\pm$ 0.051 χ^2 /NDF: 13353.0/38

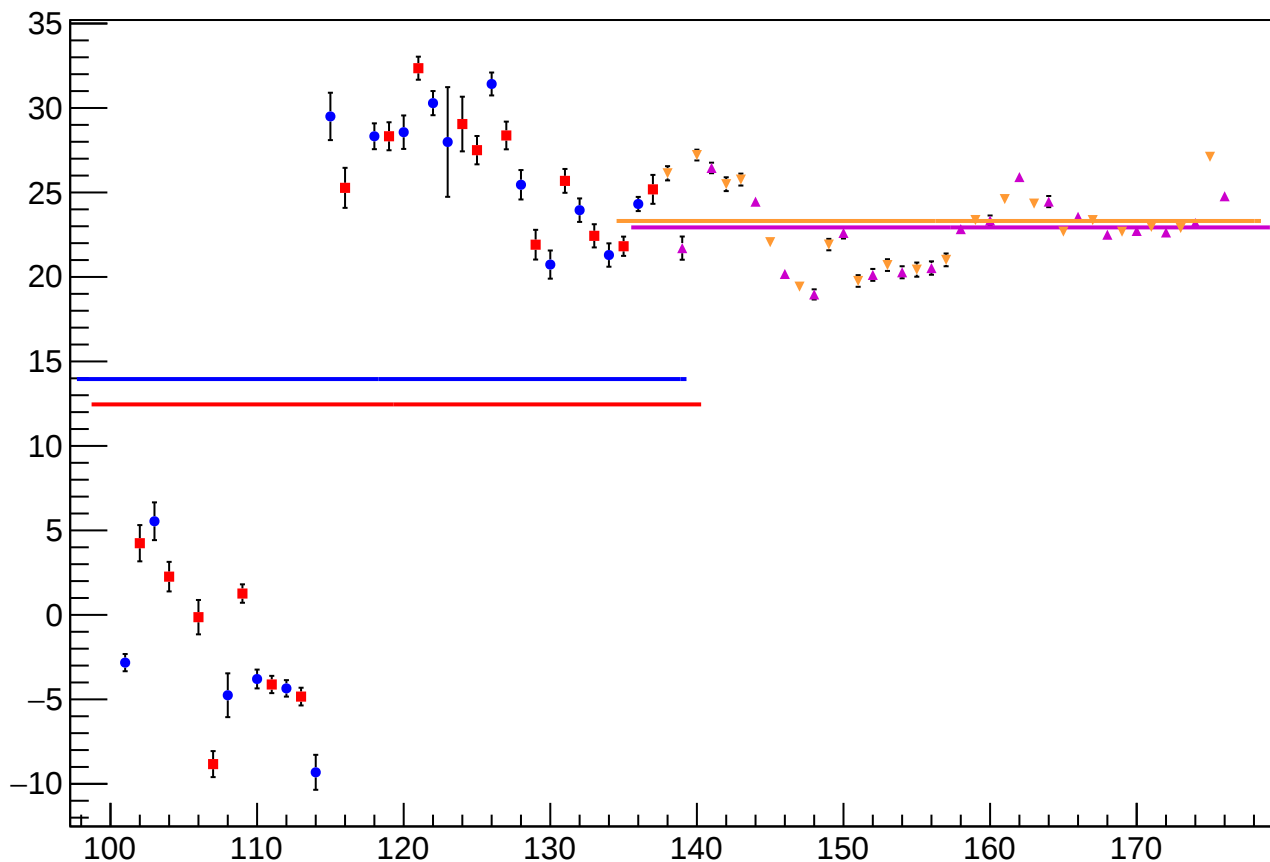
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 26.467 $\pm$ 0.069 χ^2 /NDF:7434.2/35

Out: 27.271 $\pm$ 0.071 χ^2 /NDF:7286.5/37

All: 26.860 $\pm$ 0.049 χ^2 /NDF: 14787.0/73

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: 23.313 $\pm$ 0.062 χ^2 /NDF:1112.2/19

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.932 $\pm$ 0.062 χ^2 /NDF:900.3/18

Left: 23.120 $\pm$ 0.044 χ^2 /NDF: 2031.3/38

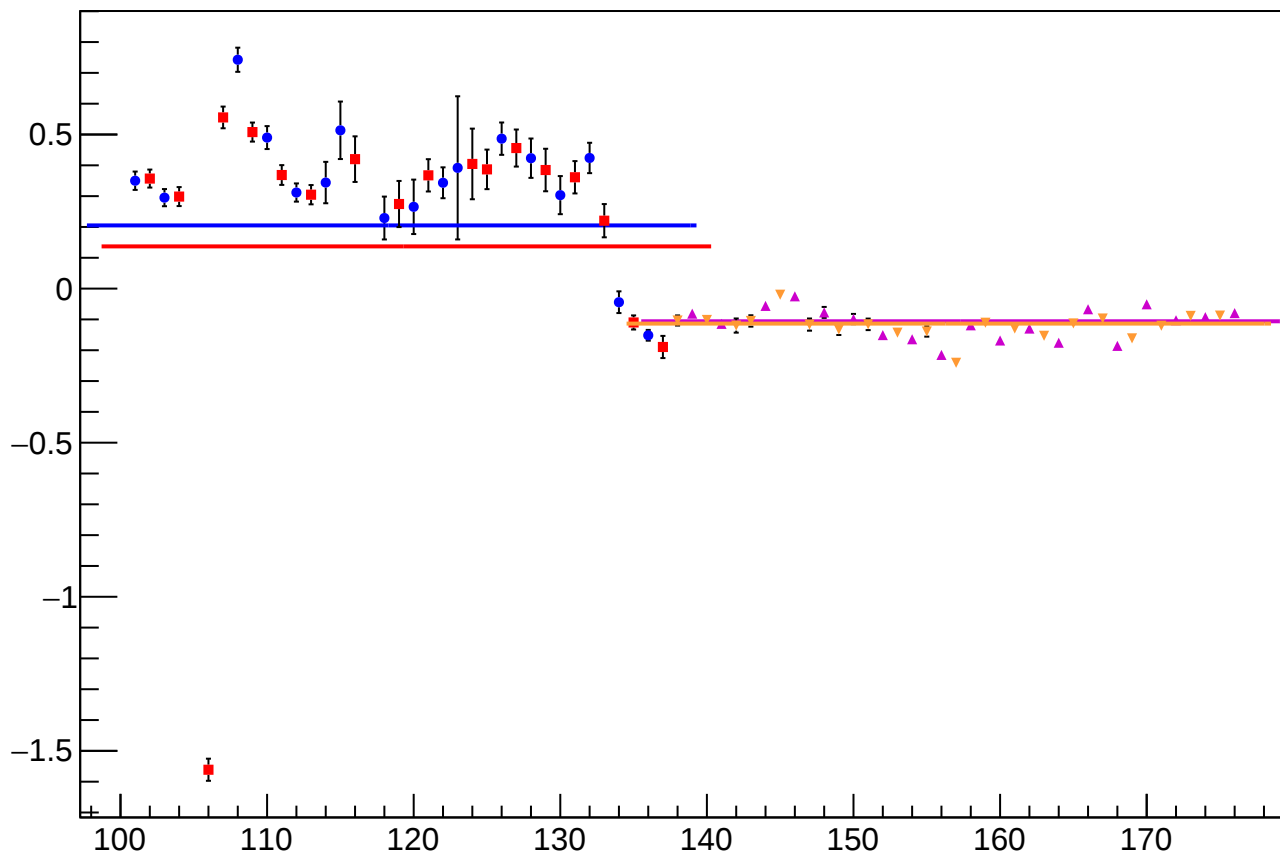
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.910 $\pm$ 0.058 χ^2 /NDF:10653.3/35

Out: 22.071 $\pm$ 0.059 χ^2 /NDF:11549.9/37

All: 21.990 $\pm$ 0.041 χ^2 /NDF: 22207.0/73

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: -0.114 ± 0.003 χ^2/NDF : 216.2/19

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.106 ± 0.003 χ^2/NDF : 299.7/18

Left: -0.110 ± 0.002 χ^2/NDF : 519.4/38

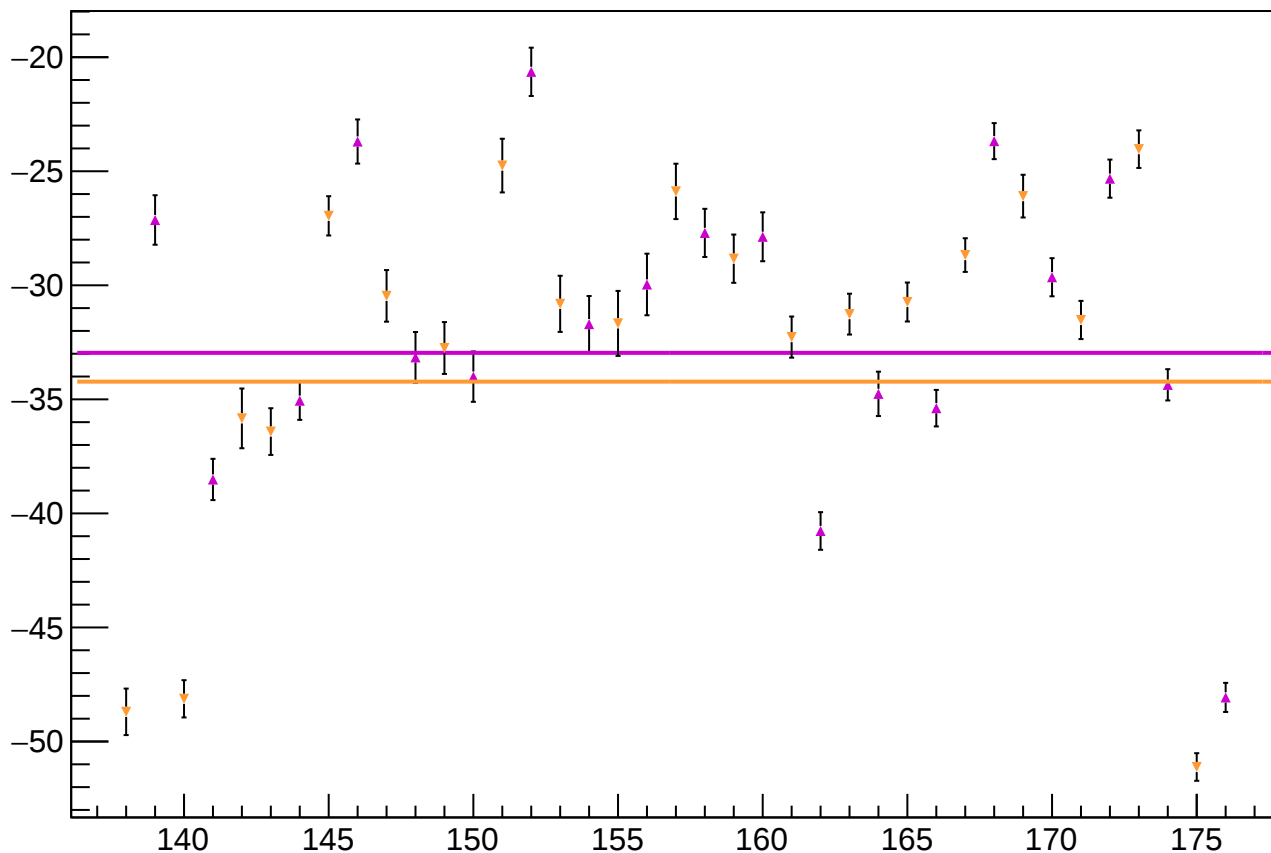
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.081 ± 0.003 χ^2/NDF : 2158.5/35

Out: -0.091 ± 0.003 χ^2/NDF : 3897.1/37

All: -0.086 ± 0.002 χ^2/NDF : 6063.0/73

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



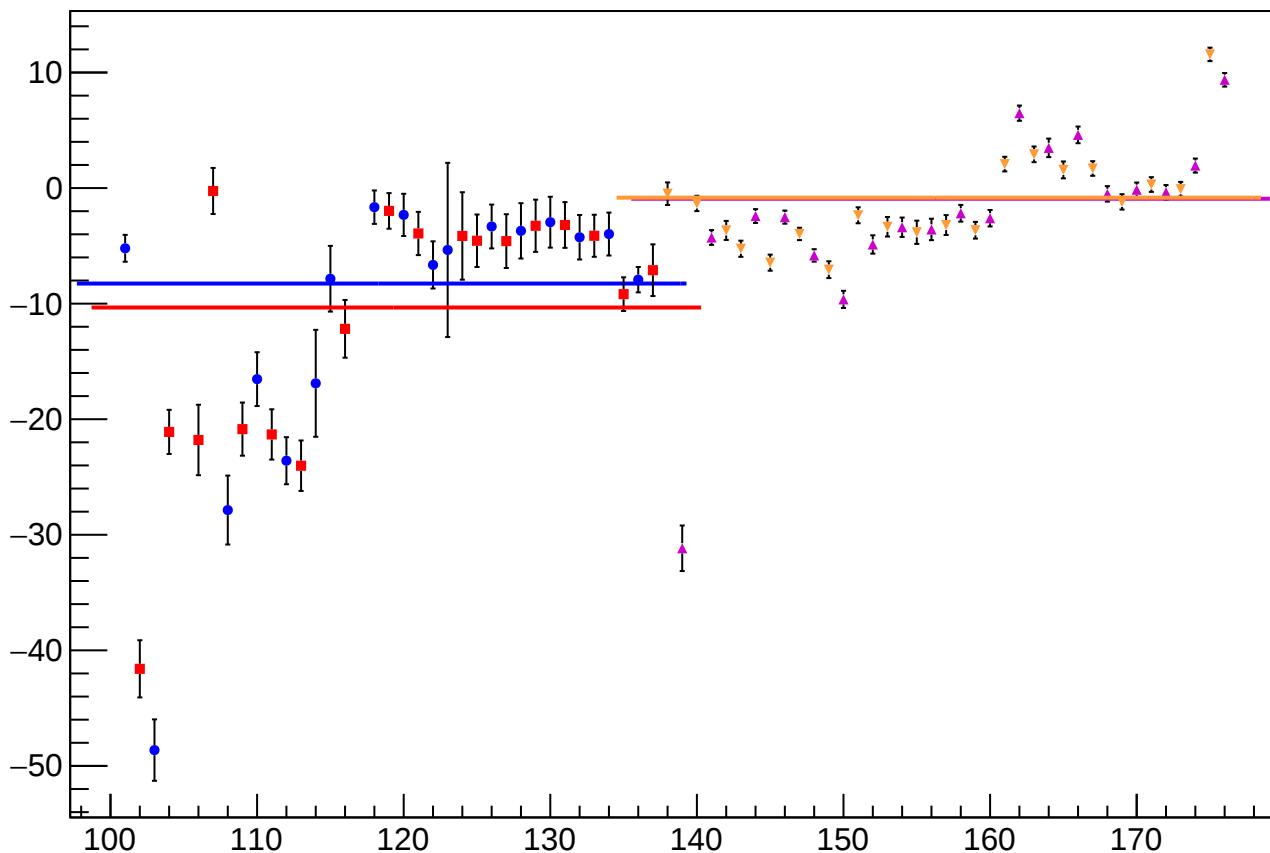
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.224 $\pm$ 0.209 χ^2/NDF :1837.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -32.961 $\pm$ 0.208 χ^2/NDF :1258.3/18

Left: -33.587 $\pm$ 0.147 χ^2/NDF : 3114.5/38
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.961 $\pm$ 0.208 χ^2/NDF :1258.3/18
 Out: -34.224 $\pm$ 0.209 χ^2/NDF :1837.8/19

All: -33.587 $\pm$ 0.147 χ^2/NDF : 3114.5/38

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: -0.827 ± 0.156 χ^2/NDF : 809.0/19

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -0.922 ± 0.157 χ^2/NDF : 1092.8/18

Left: -0.874 ± 0.111 χ^2/NDF : 1902.0/38

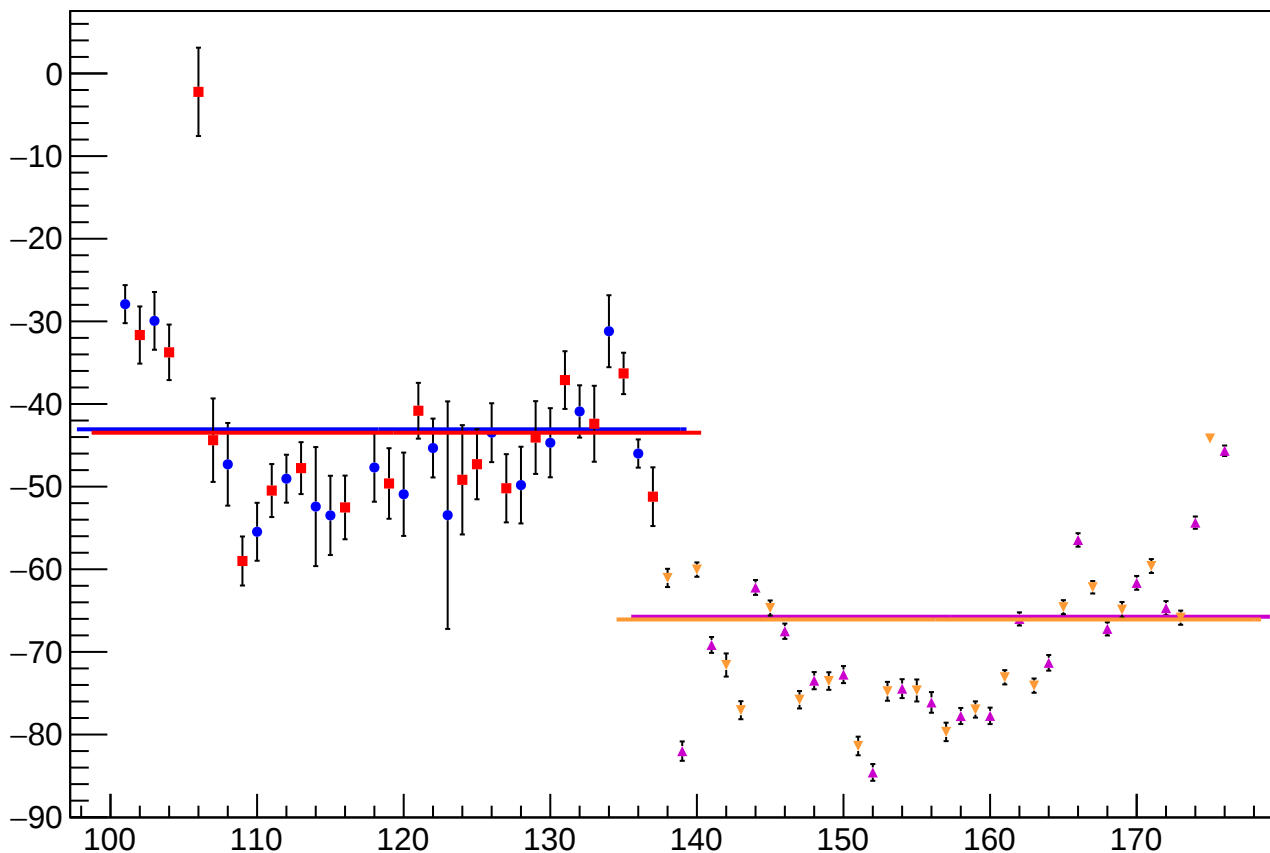
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -1.680 ± 0.149 χ^2/NDF : 1730.4/35

Out: -1.695 ± 0.148 χ^2/NDF : 1560.4/37

All: -1.688 ± 0.105 χ^2/NDF : 3290.8/73

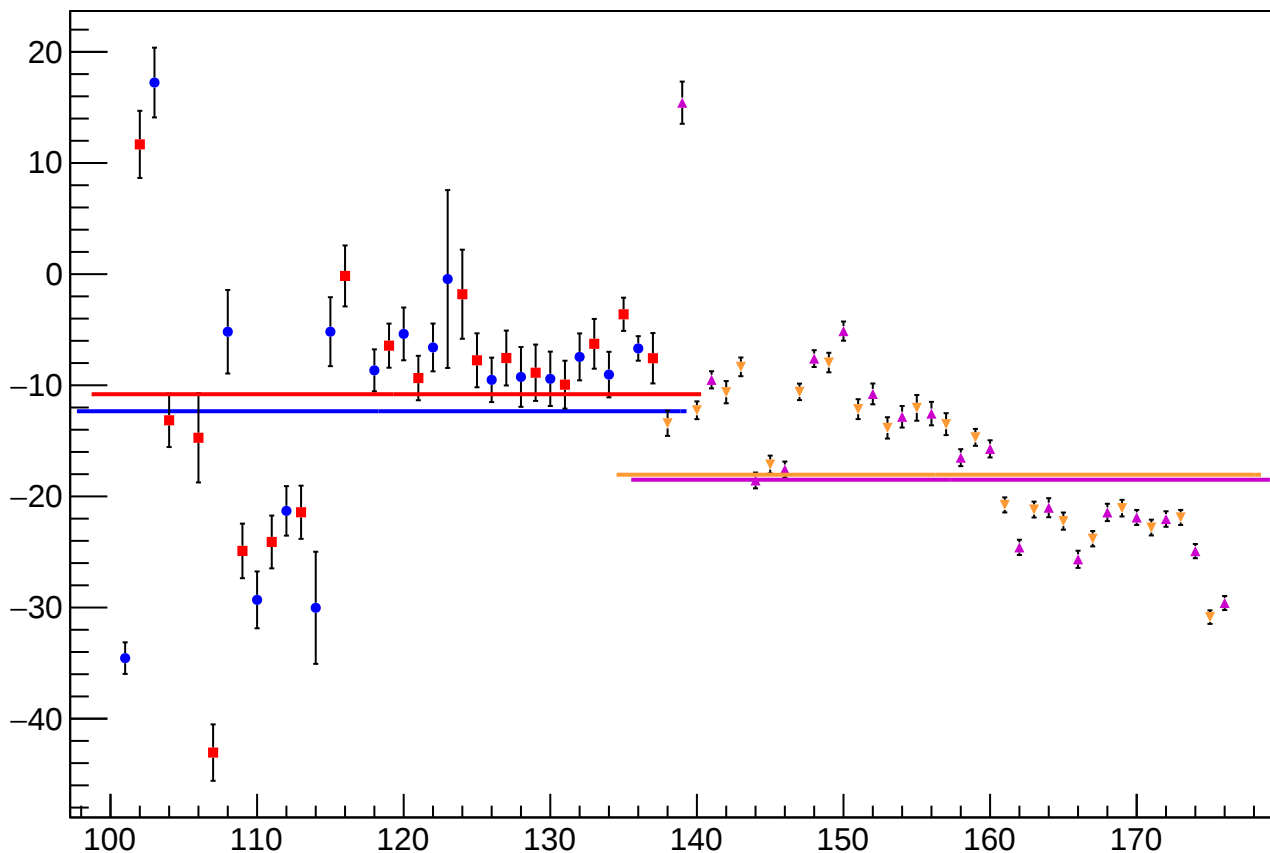
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -66.077 ± 0.209 $\chi^2/\text{NDF}: 2427.7/19$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -65.741 ± 0.207 $\chi^2/\text{NDF}: 2532.7/18$

Left: -65.907 ± 0.147 $\chi^2/\text{NDF}: 4961.7/38$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -64.431 ± 0.201 $\chi^2/\text{NDF}: 3326.2/35$
 Out: -64.840 ± 0.203 $\chi^2/\text{NDF}: 3209.9/37$
 All: -64.633 ± 0.143 $\chi^2/\text{NDF}: 6538.2/73$

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: -18.047 ± 0.177 χ^2/NDF : 1290.9/19

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -18.500 ± 0.178 χ^2/NDF : 1704.4/18

Left: -18.272 ± 0.126 χ^2/NDF : 2998.5/38

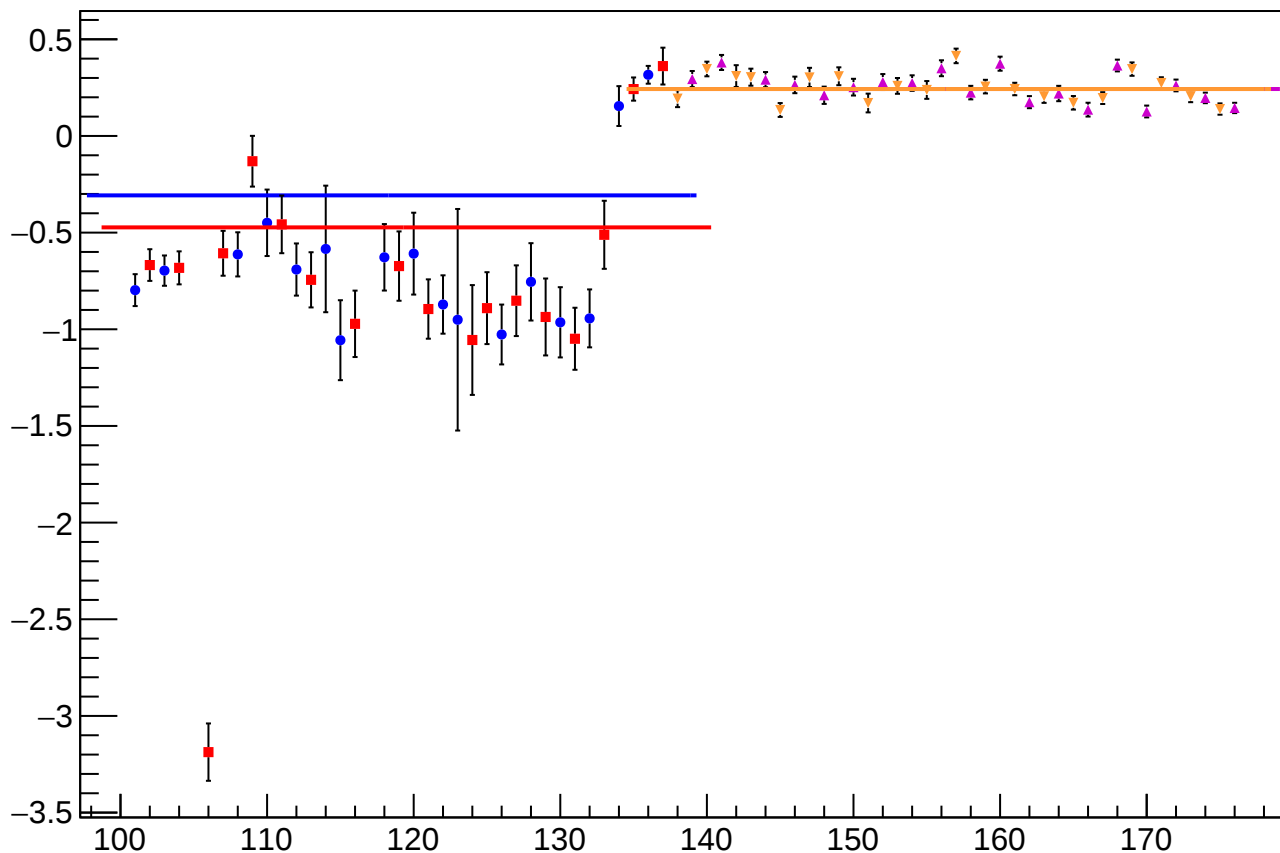
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -17.851 ± 0.169 χ^2/NDF : 2305.1/35

Out: -17.373 ± 0.169 χ^2/NDF : 1807.4/37

All: -17.612 ± 0.119 χ^2/NDF : 4116.5/73

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: 0.243 ± 0.008 χ^2/NDF : 79.4/19

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.243 ± 0.008 χ^2/NDF : 98.8/18

Left: 0.243 ± 0.006 χ^2/NDF : 178.2/38

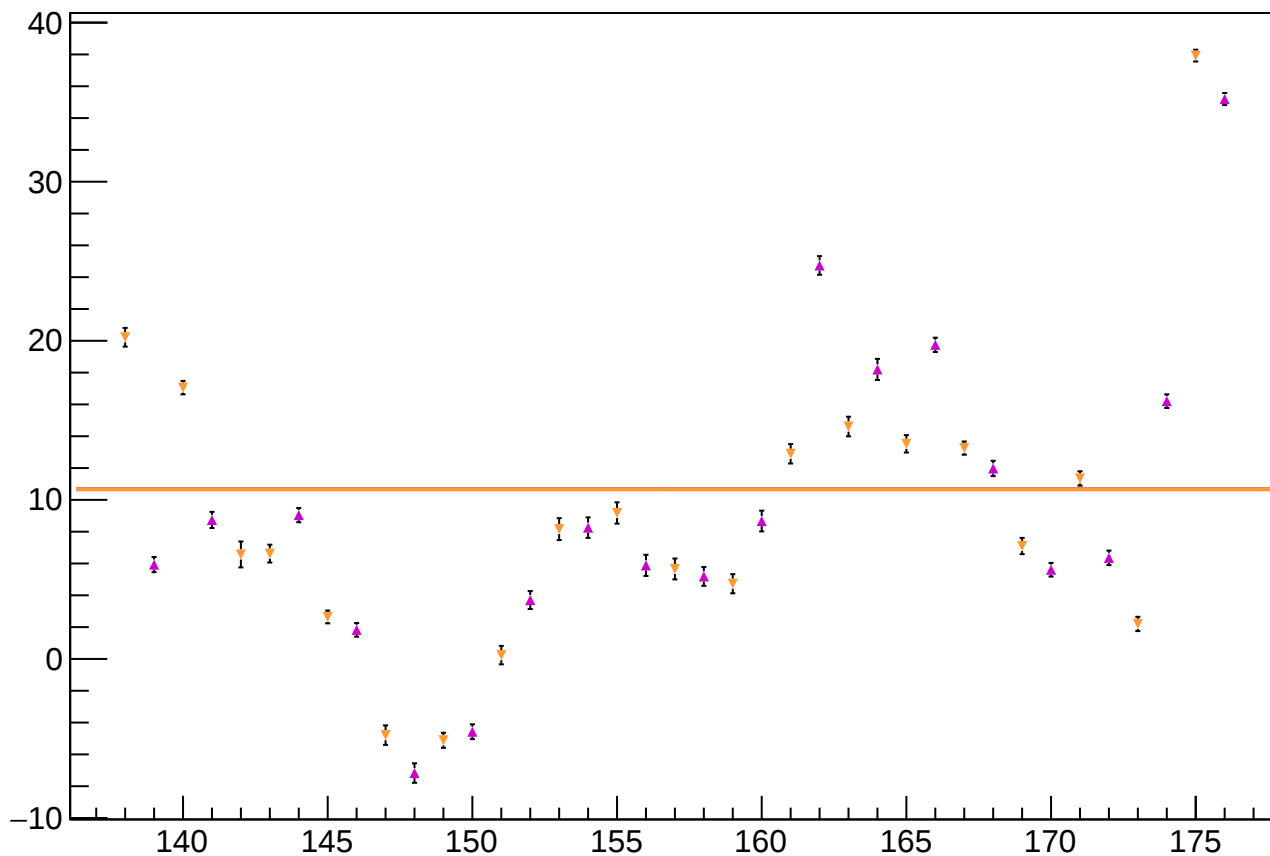
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.199 ± 0.008 χ^2/NDF : 838.6/35

Out: 0.187 ± 0.008 χ^2/NDF : 1283.0/37

All: 0.193 ± 0.006 χ^2/NDF : 2122.7/73

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.671 $\pm$ 0.116 χ^2/NDF :9095.7/19

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

Left In: 10.678 $\pm$ 0.115 χ^2/NDF :8484.3/18

Left: 10.674 $\pm$ 0.082 χ^2/NDF : 17580.0/38

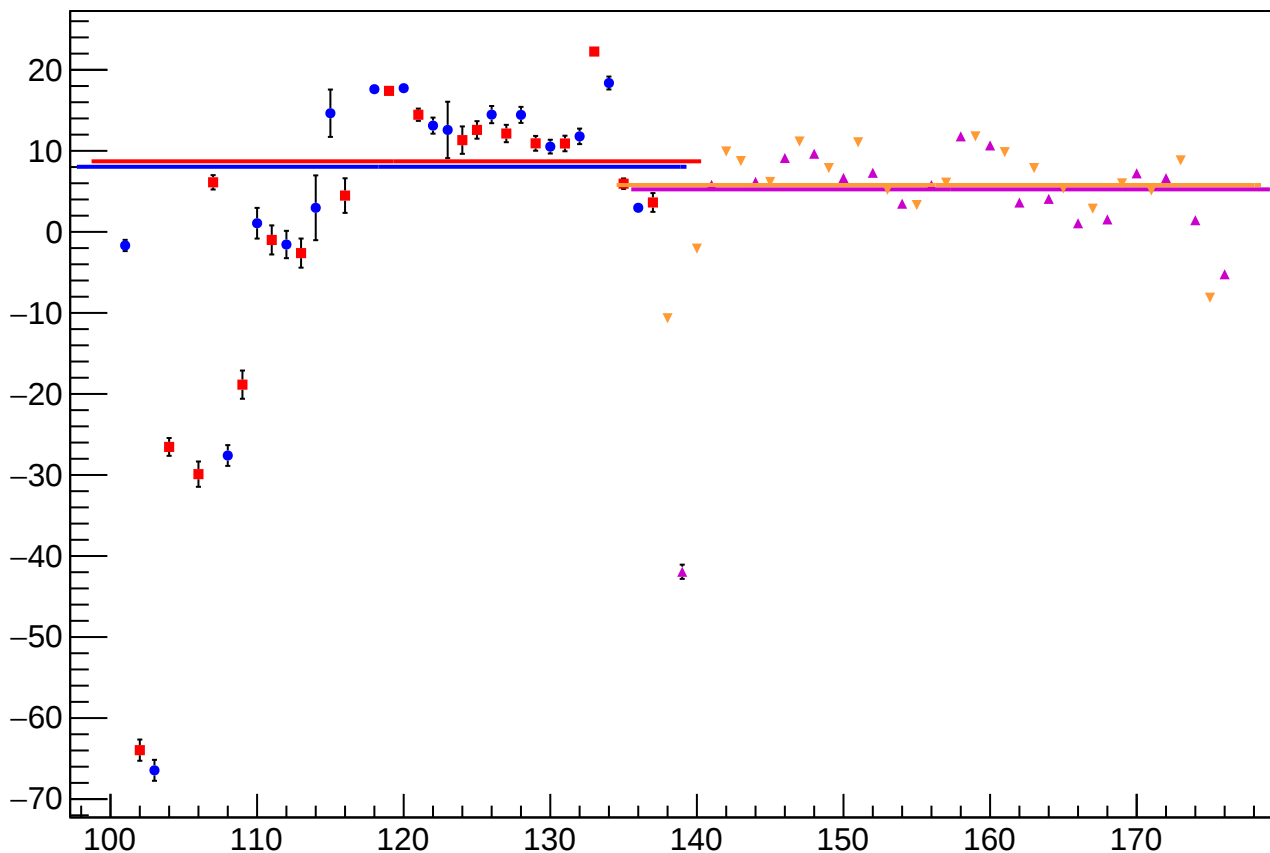
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 10.678 $\pm$ 0.115 χ^2/NDF :8484.3/18

Out: 10.671 $\pm$ 0.116 χ^2/NDF :9095.7/19

All: 10.674 $\pm$ 0.082 χ^2/NDF : 17580.0/38

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: 5.788+/-0.086 χ^2/NDF : 4012.0/19

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 5.247+/-0.087 χ^2/NDF : 5006.1/18

Left: 5.521+/-0.061 χ^2/NDF : 9037.7/38

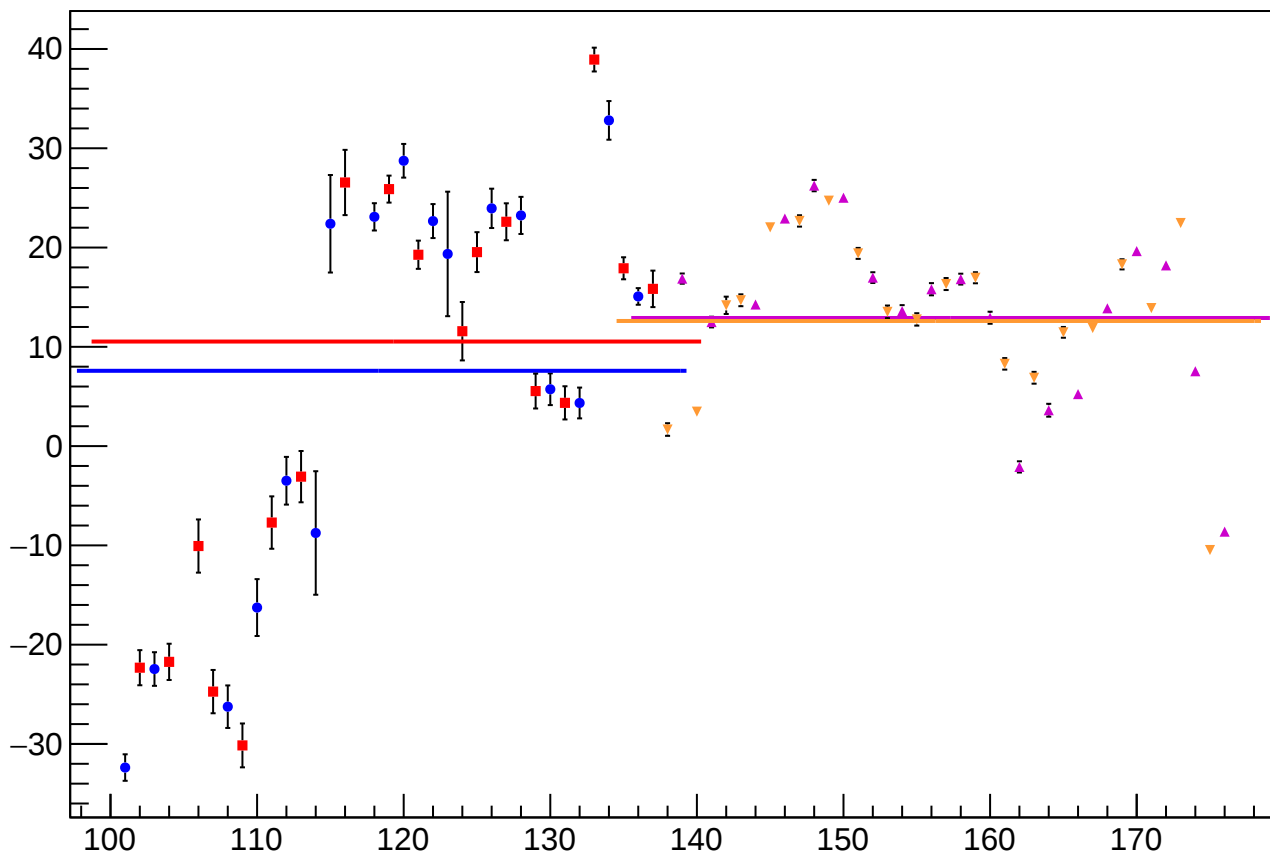
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 5.638+/-0.081 χ^2/NDF : 10520.5/35

Out: 6.196+/-0.080 χ^2/NDF : 10463.7/37

All: 5.921+/-0.057 χ^2/NDF : 21008.4/73

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: 12.604 ± 0.116 $\chi^2/\text{NDF}: 7099.2/19$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 12.905 ± 0.114 $\chi^2/\text{NDF}: 7093.4/18$

Left: 12.756 ± 0.081 $\chi^2/\text{NDF}: 14196.0/38$

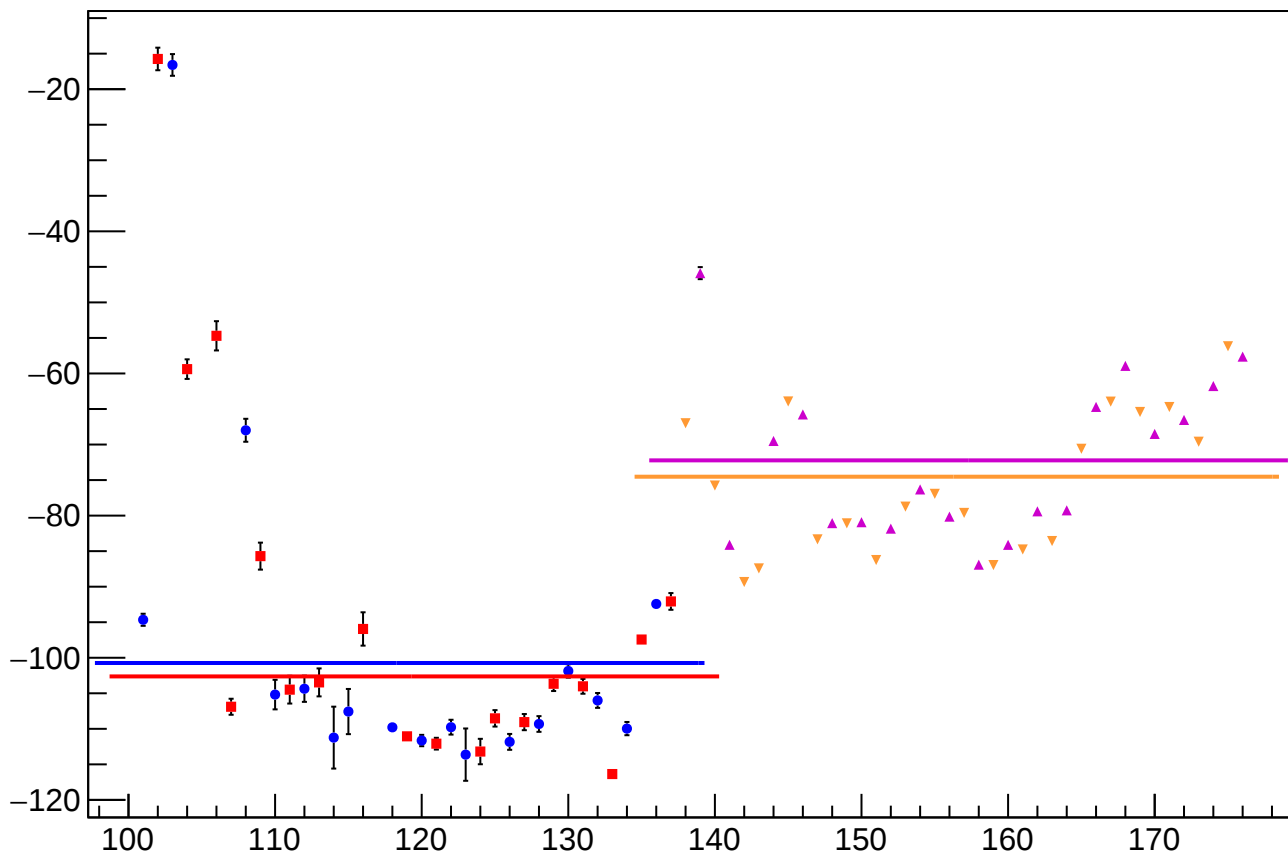
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 12.533 ± 0.110 $\chi^2/\text{NDF}: 9568.0/35$

Out: 12.456 ± 0.112 $\chi^2/\text{NDF}: 9401.6/37$

All: 12.495 ± 0.078 $\chi^2/\text{NDF}: 18969.8/73$

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: -74.525+/-0.098 χ^2/NDF : 10095.2/19

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -72.227+/-0.099 χ^2/NDF : 9522.4/18

Left: -73.384+/-0.070 χ^2/NDF : 19887.9/38

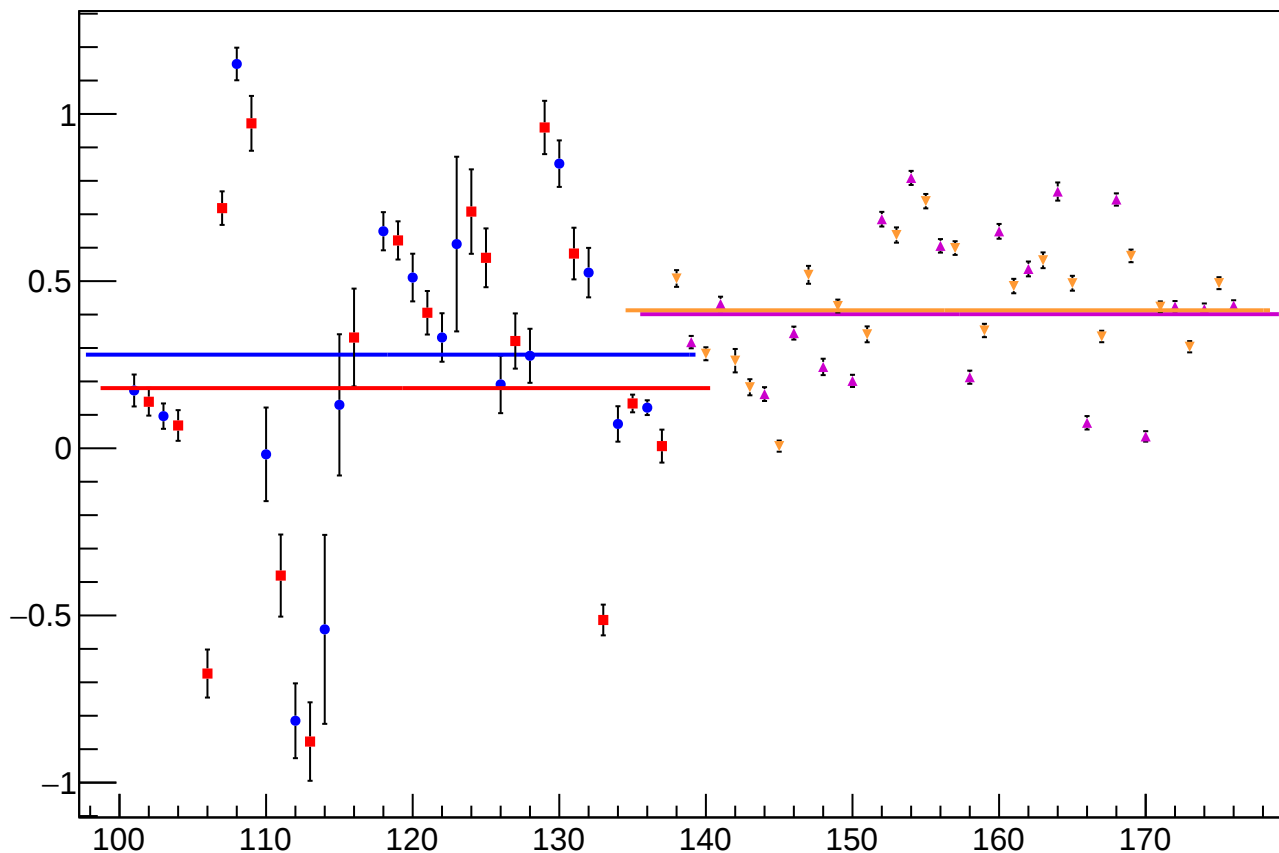
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -76.151+/-0.092 χ^2/NDF : 25410.8/35

Out: -78.404+/-0.091 χ^2/NDF : 27048.3/37

All: -77.286+/-0.065 χ^2/NDF : 52760.4/73

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.413 ± 0.005 χ^2/NDF : 1430.1/19

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.401 ± 0.004 χ^2/NDF : 2567.7/18

Left: 0.407 ± 0.003 χ^2/NDF : 4001.0/38

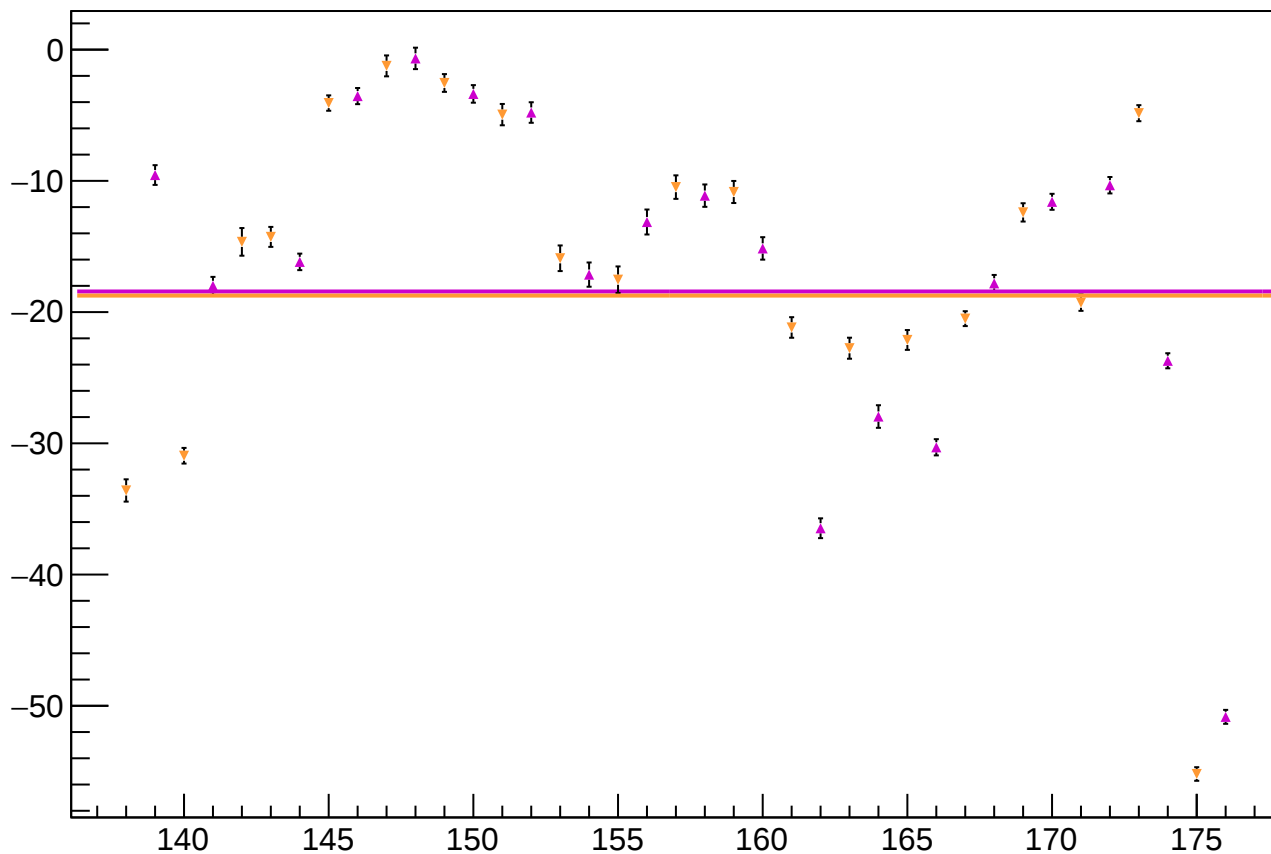
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.389 ± 0.004 χ^2/NDF : 3296.7/35

Out: 0.389 ± 0.004 χ^2/NDF : 2634.5/37

All: 0.389 ± 0.003 χ^2/NDF : 5931.2/73

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: -18.742+/-0.161 χ^2/NDF : 8539.5/19

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

Left In: -18.429+/-0.159 χ^2/NDF : 7307.7/18

Left: -18.585+/-0.113 χ^2/NDF : 15849.2/38

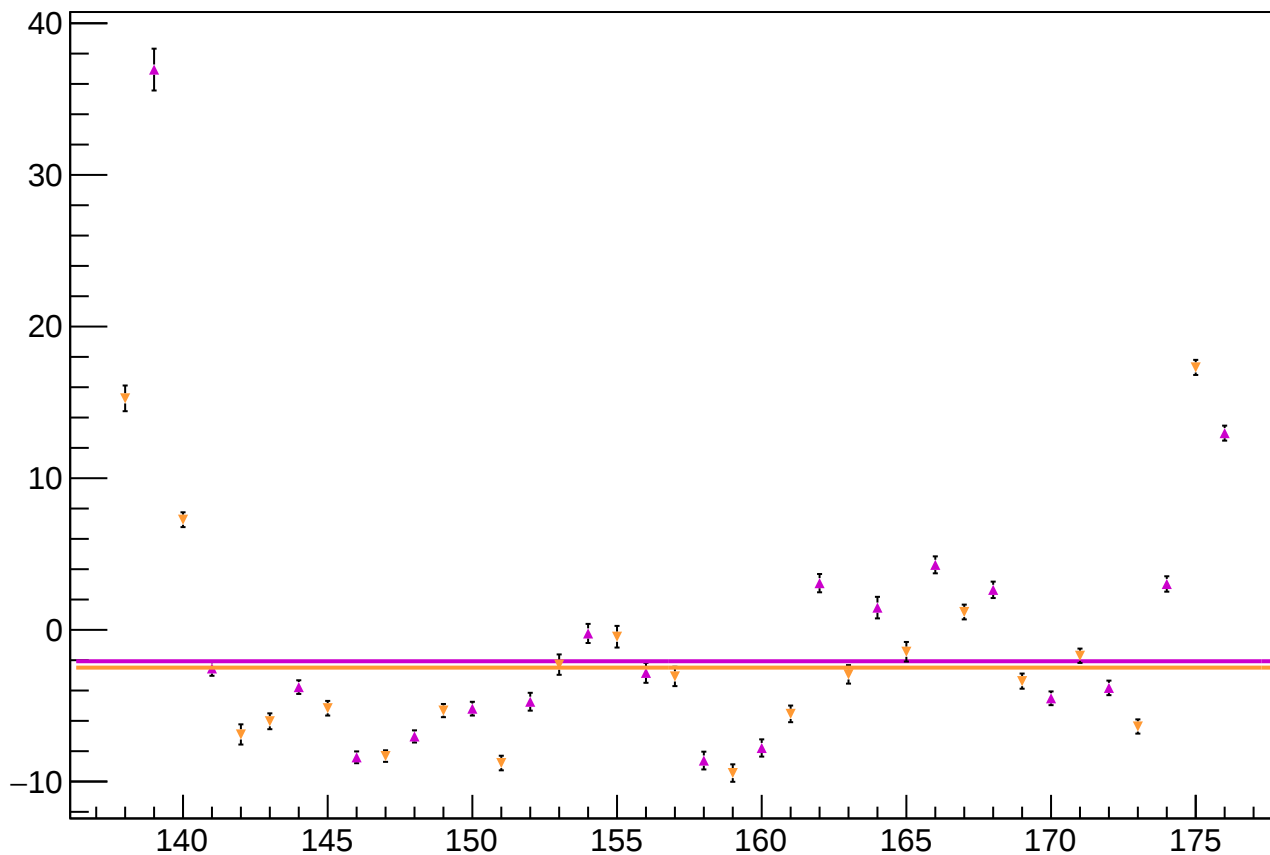
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.429+/-0.159 χ^2/NDF : 7307.7/18

Out: -18.742+/-0.161 χ^2/NDF : 8539.5/19

All: -18.585+/-0.113 χ^2/NDF : 15849.2/38

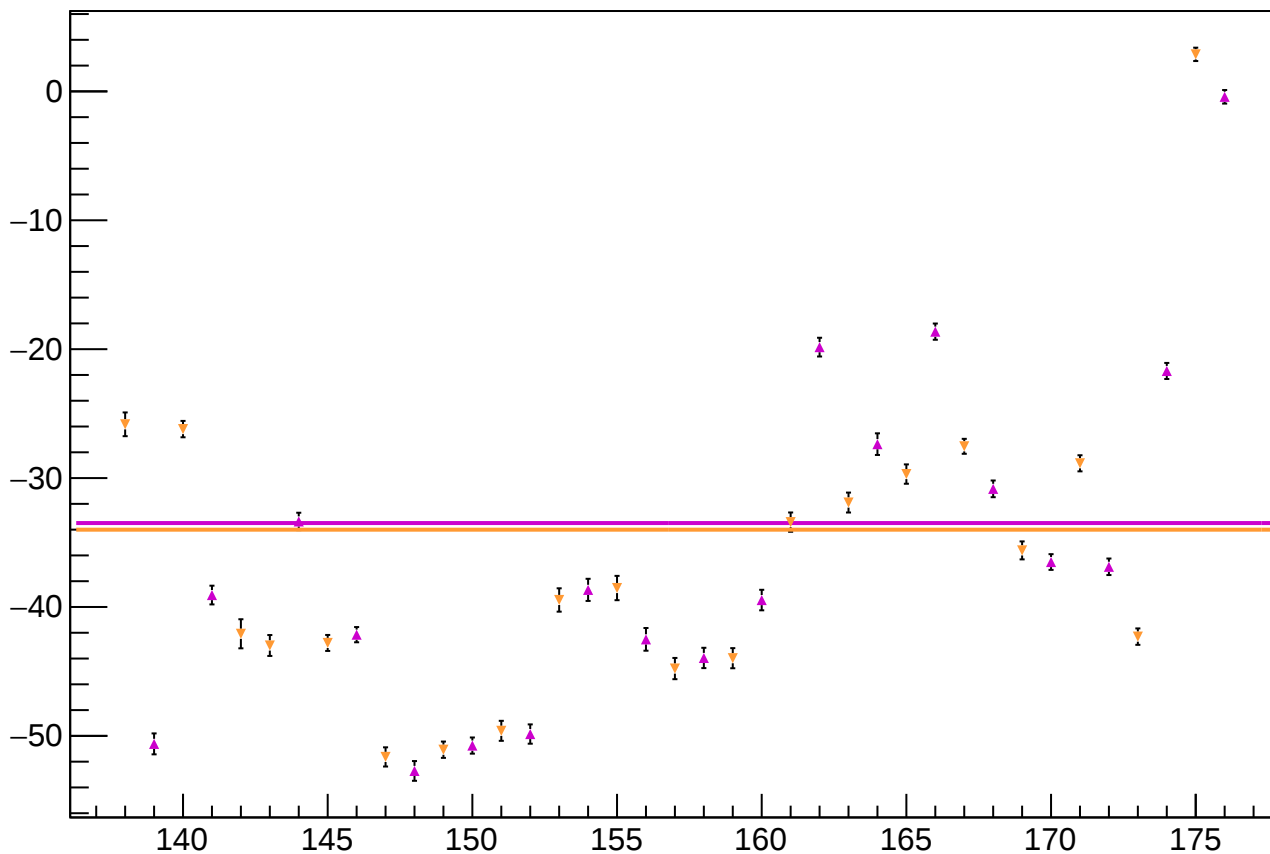
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.490+/-0.118 χ^2/NDF : 3304.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.069+/-0.120 χ^2/NDF : 2908.3/18

Left: -2.282+/-0.084 χ^2/NDF : 6218.7/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.069+/-0.120 χ^2/NDF : 2908.3/18
 Out: -2.490+/-0.118 χ^2/NDF : 3304.2/19
 All: -2.282+/-0.084 χ^2/NDF : 6218.7/38

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -34.003 $\pm$ 0.160 χ^2 /NDF:8160.5/19

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

Left In: -33.489 $\pm$ 0.158 χ^2 /NDF:8308.5/18

Left: -33.743 $\pm$ 0.113 χ^2 /NDF: 16474.2/38

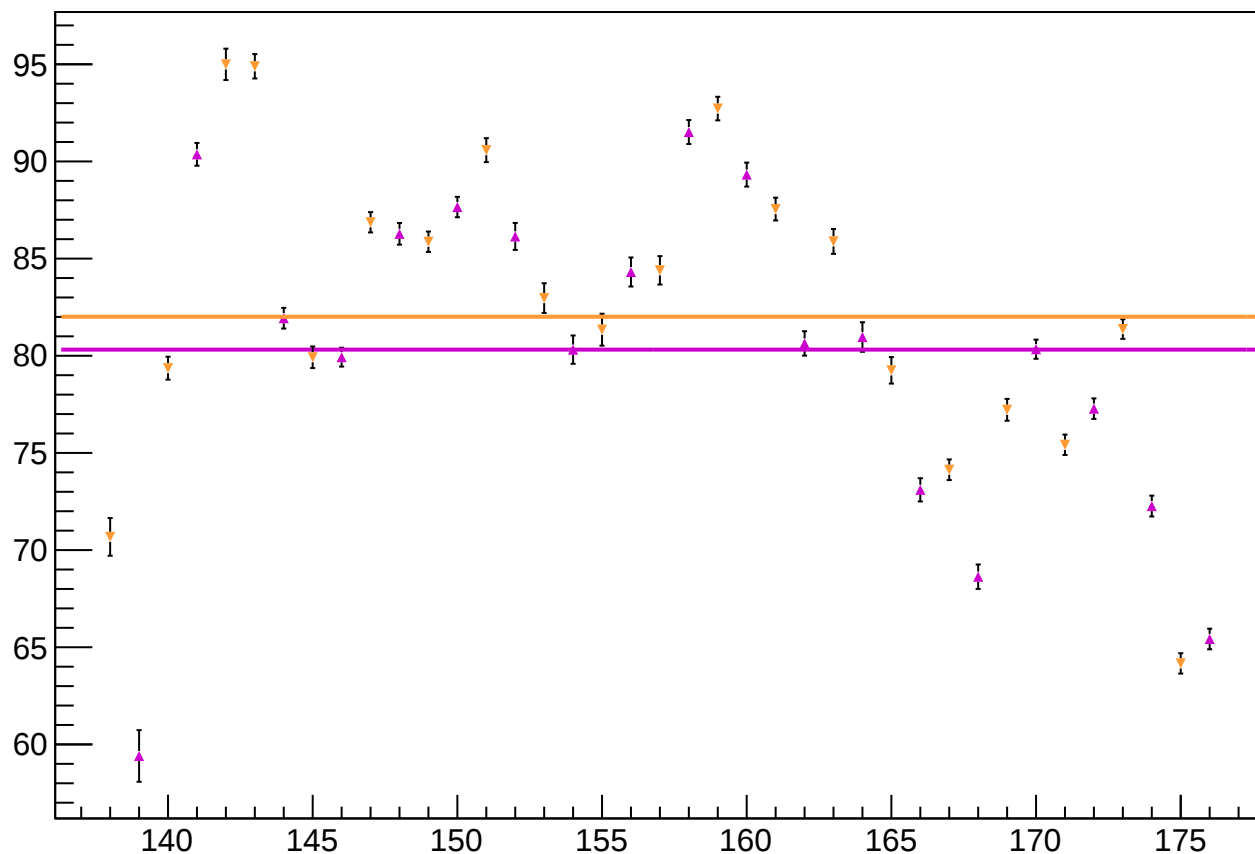
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -33.489 $\pm$ 0.158 χ^2 /NDF:8308.5/18

Out: -34.003 $\pm$ 0.160 χ^2 /NDF:8160.5/19

All: -33.743 $\pm$ 0.113 χ^2 /NDF: 16474.2/38

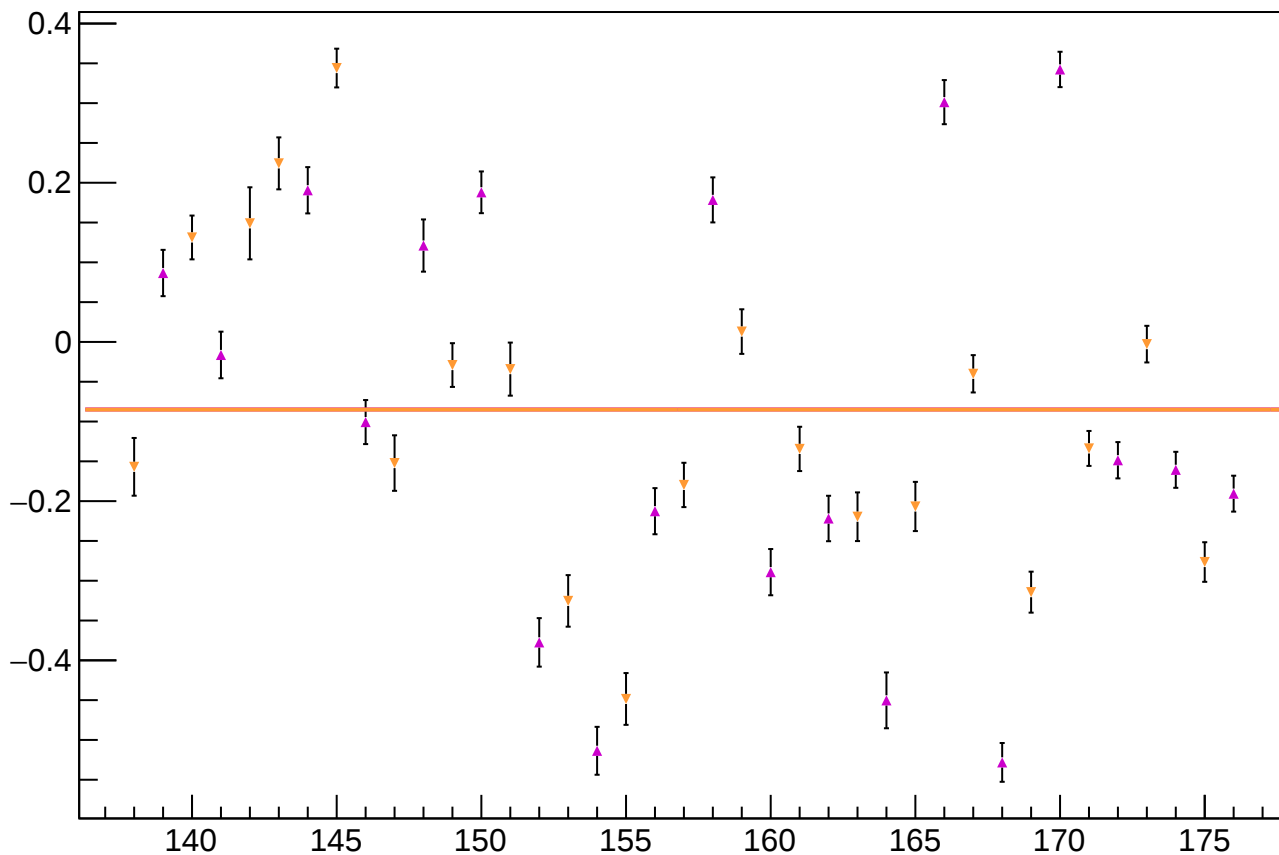
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 82.008+/-0.136 χ^2/NDF :3263.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 80.317+/-0.137 χ^2/NDF :3038.8/18

Left: 81.170+/-0.096 χ^2/NDF : 6379.3/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 80.317+/-0.137 χ^2/NDF :3038.8/18
 Out: 82.008+/-0.136 χ^2/NDF :3263.4/19
 All: 81.170+/-0.096 χ^2/NDF : 6379.3/38

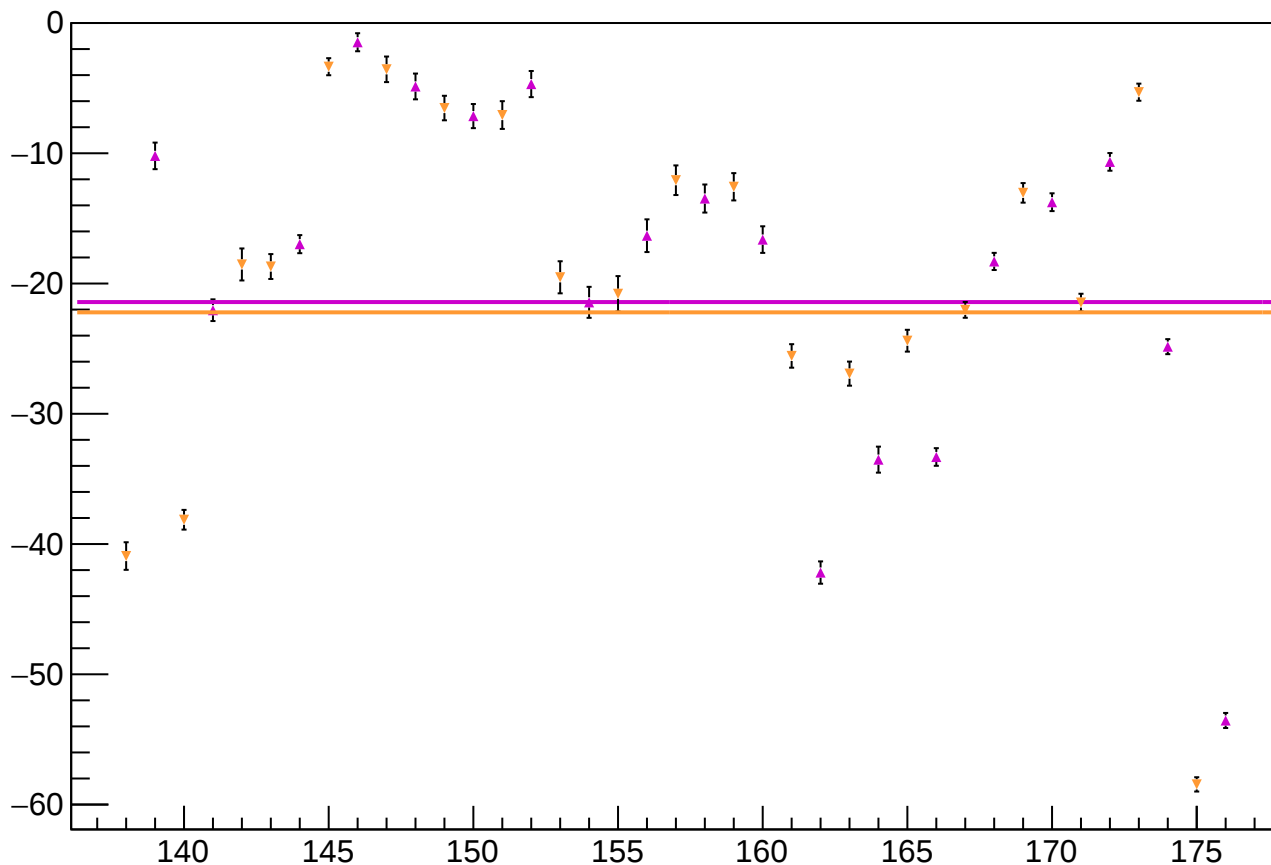
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.085+/-0.006 χ^2/NDF : 904.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.085+/-0.006 χ^2/NDF : 1796.4/18

Left: -0.085+/-0.004 χ^2/NDF : 2701.3/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.085+/-0.006 χ^2/NDF : 1796.4/18
 Out: -0.085+/-0.006 χ^2/NDF : 904.9/19
 All: -0.085+/-0.004 χ^2/NDF : 2701.3/38

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.212 $\pm$ 0.186 χ^2/NDF : 7833.7/19

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

Left In: -21.423 $\pm$ 0.182 χ^2/NDF : 6439.4/18

Left: -21.809 $\pm$ 0.130 χ^2/NDF : 14282.3/38

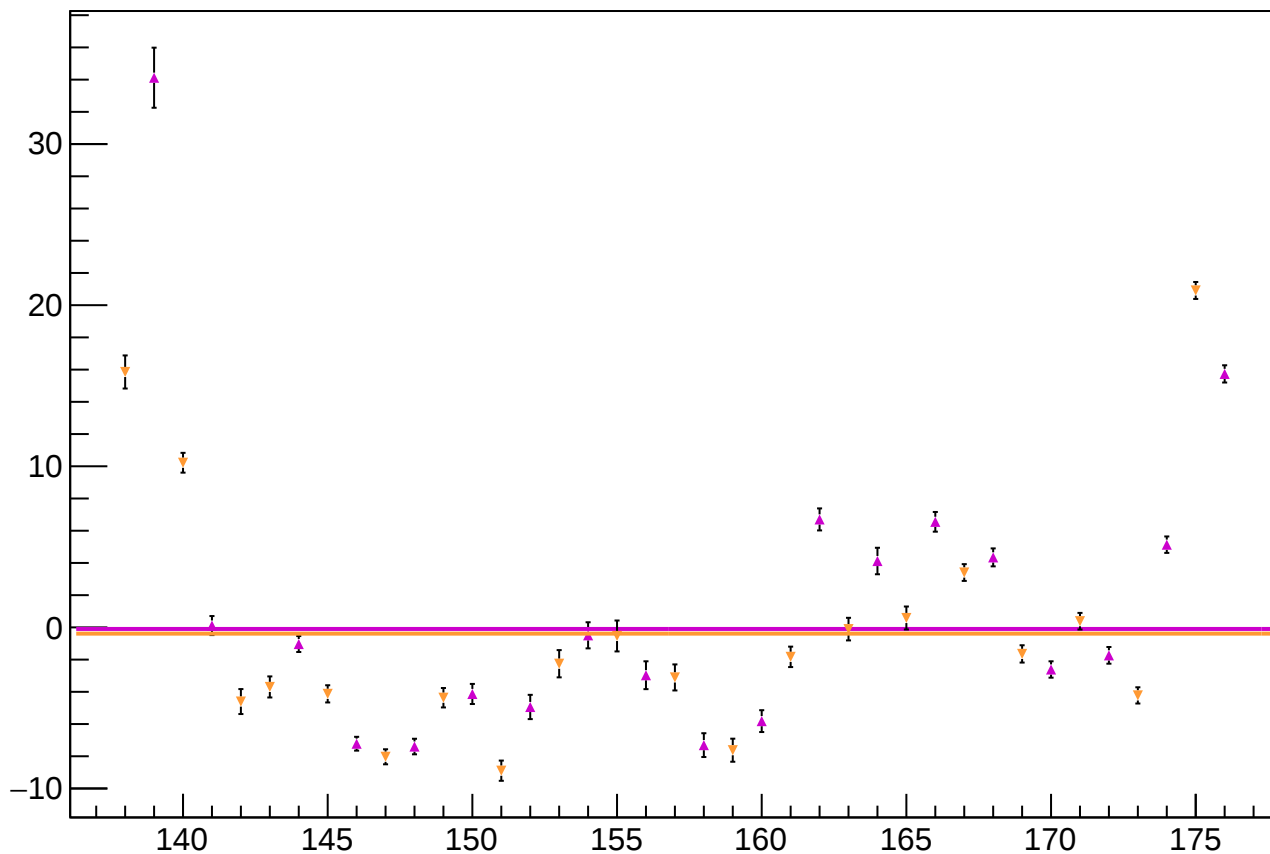
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -21.423 $\pm$ 0.182 χ^2/NDF : 6439.4/18

Out: -22.212 $\pm$ 0.186 χ^2/NDF : 7833.7/19

All: -21.809 $\pm$ 0.130 χ^2/NDF : 14282.3/38

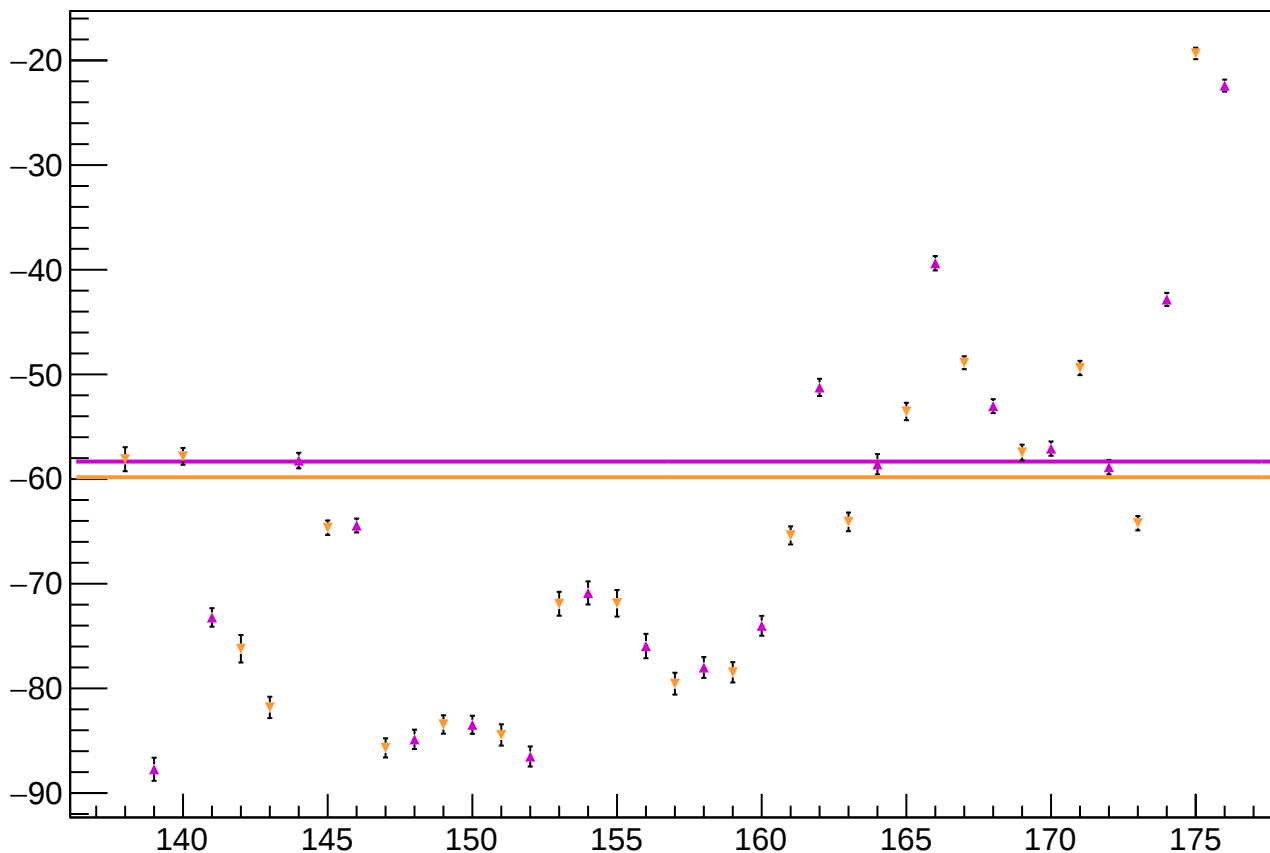
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.388+/-0.139 χ^2/NDF :3028.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.097+/-0.138 χ^2/NDF :2428.4/18

Left: -0.242+/-0.098 χ^2/NDF : 5459.4/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.097+/-0.138 χ^2/NDF :2428.4/18
 Out: -0.388+/-0.139 χ^2/NDF :3028.8/19
 All: -0.242+/-0.098 χ^2/NDF : 5459.4/38

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -59.825+/-0.187 χ^2/NDF : 9839.8/19

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

Left In: -58.327+/-0.182 χ^2/NDF : 10061.5/18

Left: -59.058+/-0.130 χ^2/NDF : 19934.3/38

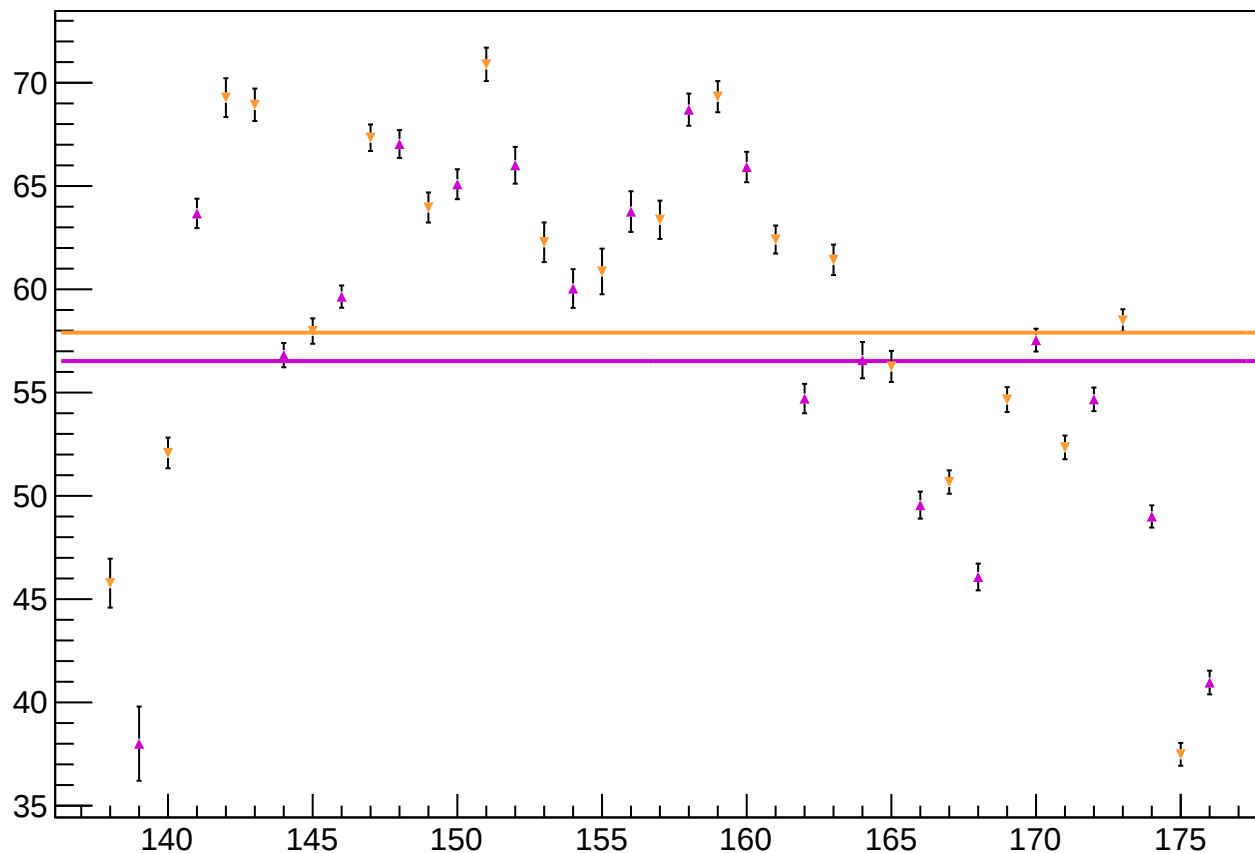
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.327+/-0.182 χ^2/NDF : 10061.5/18

Out: -59.825+/-0.187 χ^2/NDF : 9839.8/19

All: -59.058+/-0.130 χ^2/NDF : 19934.3/38

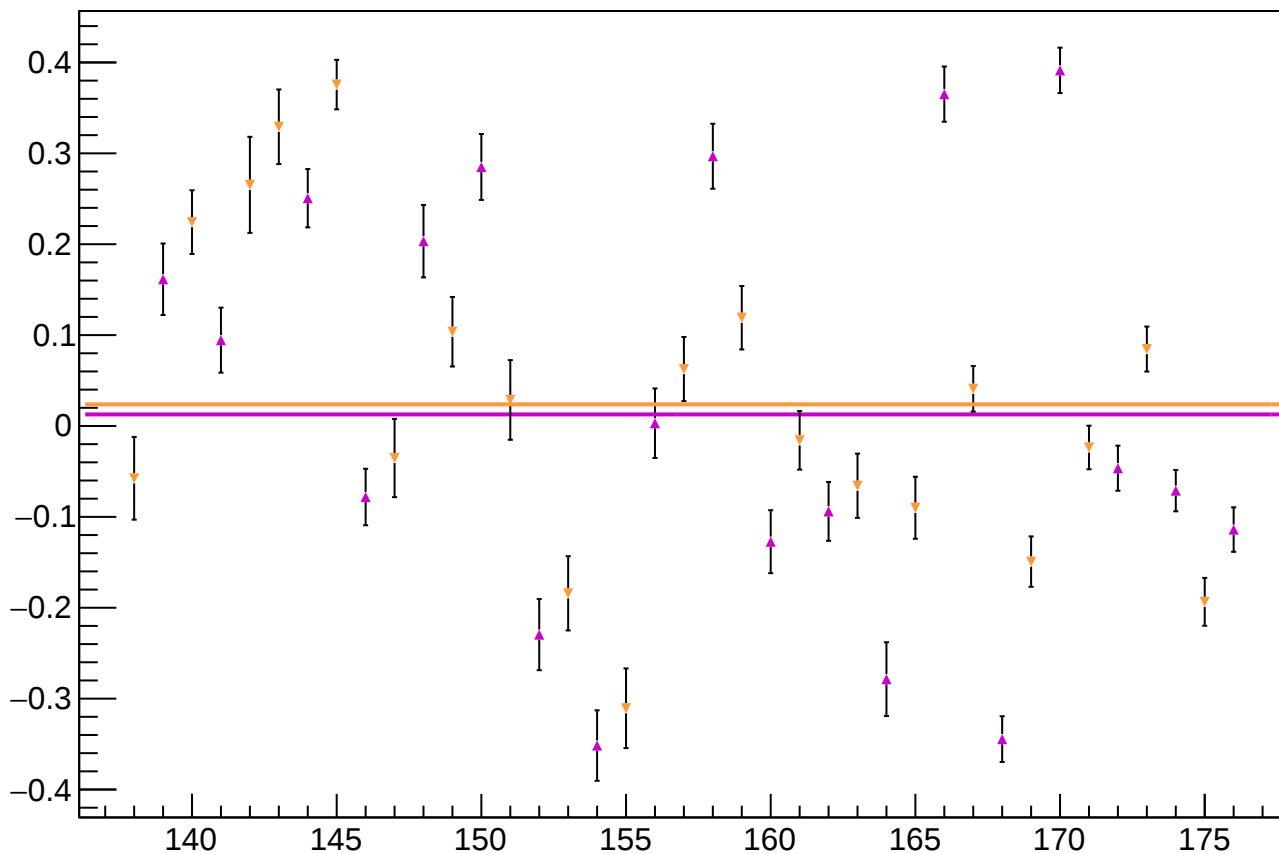
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 57.903+/-0.158 χ^2/NDF :3063.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 56.526+/-0.157 χ^2/NDF :2534.9/18

Left: 57.210+/-0.112 χ^2/NDF : 5636.2/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 56.526+/-0.157 χ^2/NDF :2534.9/18
 Out: 57.903+/-0.158 χ^2/NDF :3063.2/19
 All: 57.210+/-0.112 χ^2/NDF : 5636.2/38

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.024 $\pm$ 0.007 χ^2 /NDF:514.3/19

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

Left In: 0.013 $\pm$ 0.007 χ^2 /NDF:1042.4/18

Left: 0.018 $\pm$ 0.005 χ^2 /NDF: 1557.9/38

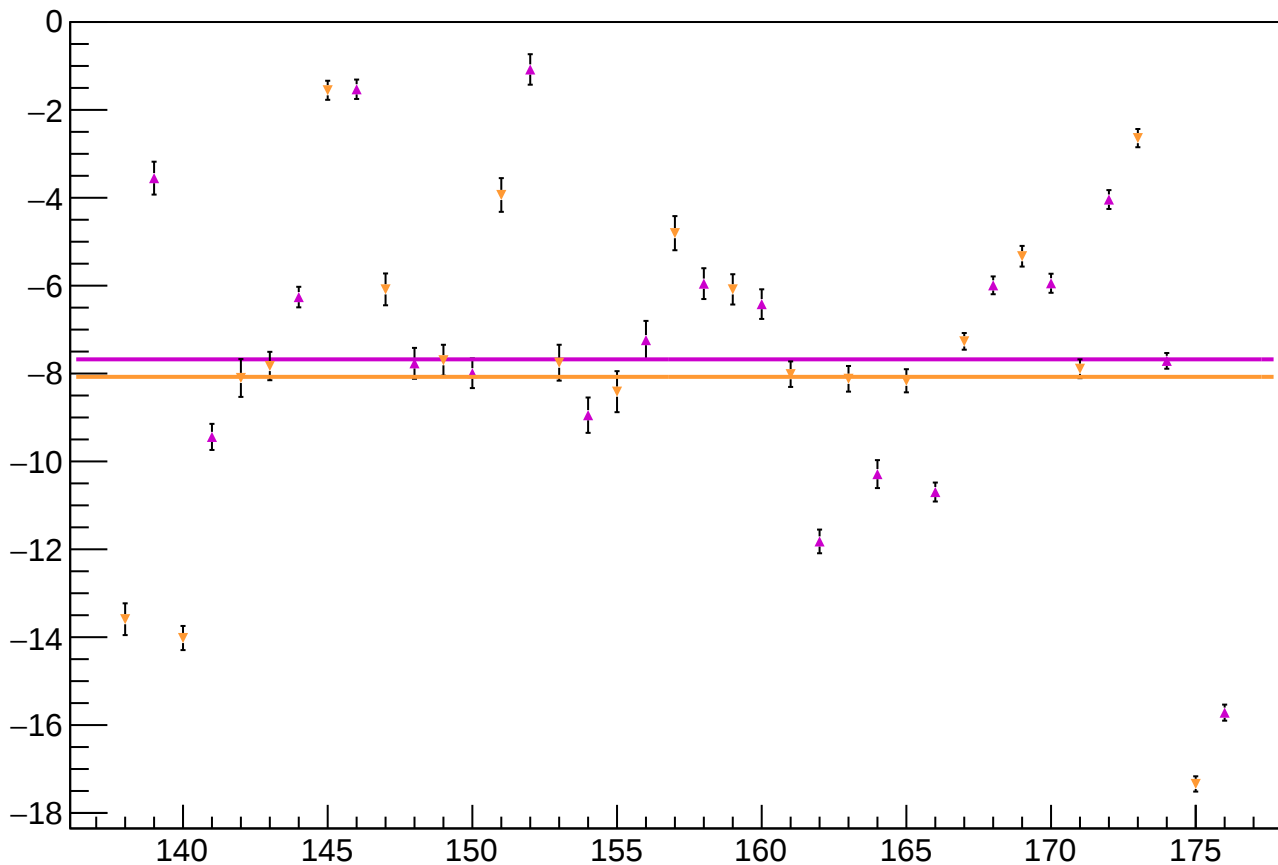
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.013 $\pm$ 0.007 χ^2 /NDF:1042.4/18

Out: 0.024 $\pm$ 0.007 χ^2 /NDF:514.3/19

All: 0.018 $\pm$ 0.005 χ^2 /NDF: 1557.9/38

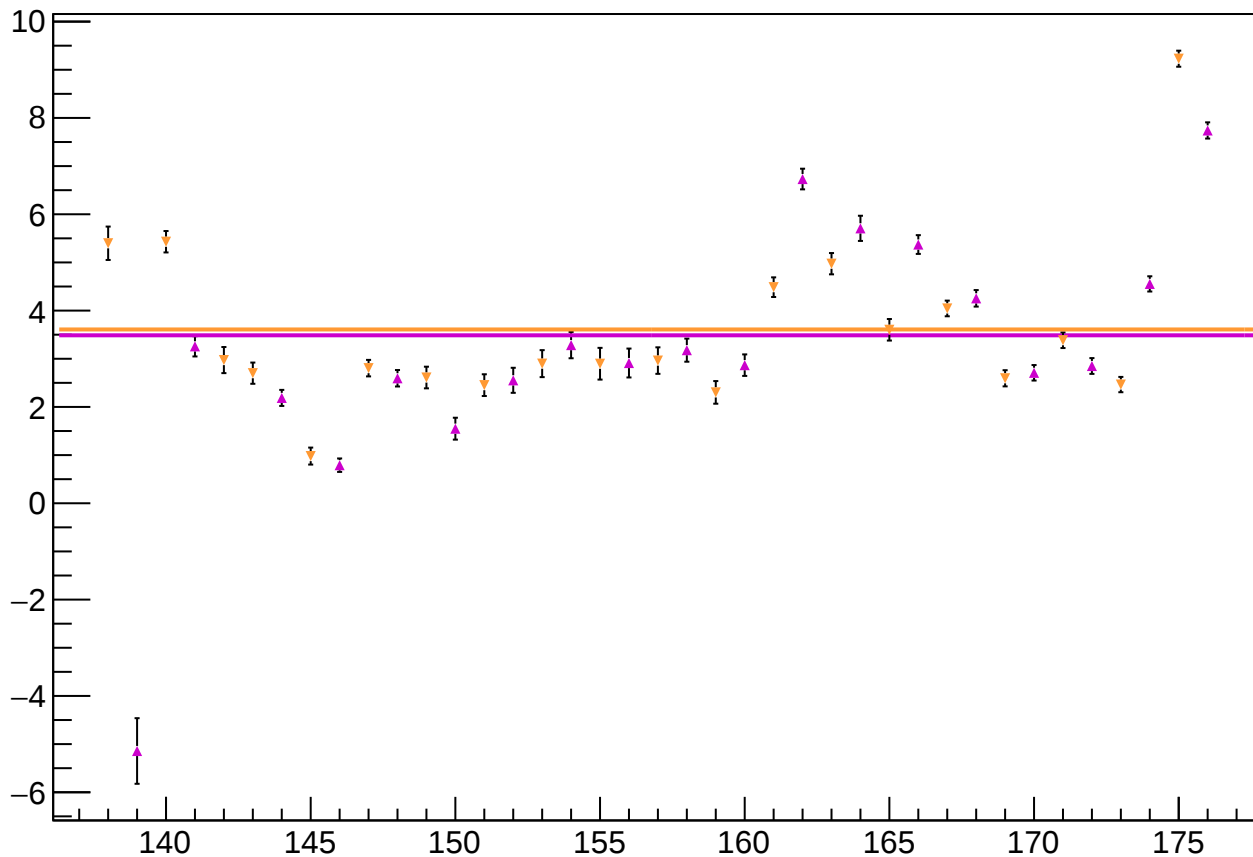
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.075 $\pm$ 0.061 χ^2/NDF :5534.3/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -7.677 $\pm$ 0.059 χ^2/NDF :4229.6/18

Left: -7.870 $\pm$ 0.043 χ^2/NDF : 9785.8/38
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -7.677 $\pm$ 0.059 χ^2/NDF :4229.6/18
 Out: -8.075 $\pm$ 0.061 χ^2/NDF :5534.3/19
 All: -7.870 $\pm$ 0.043 χ^2/NDF : 9785.8/38

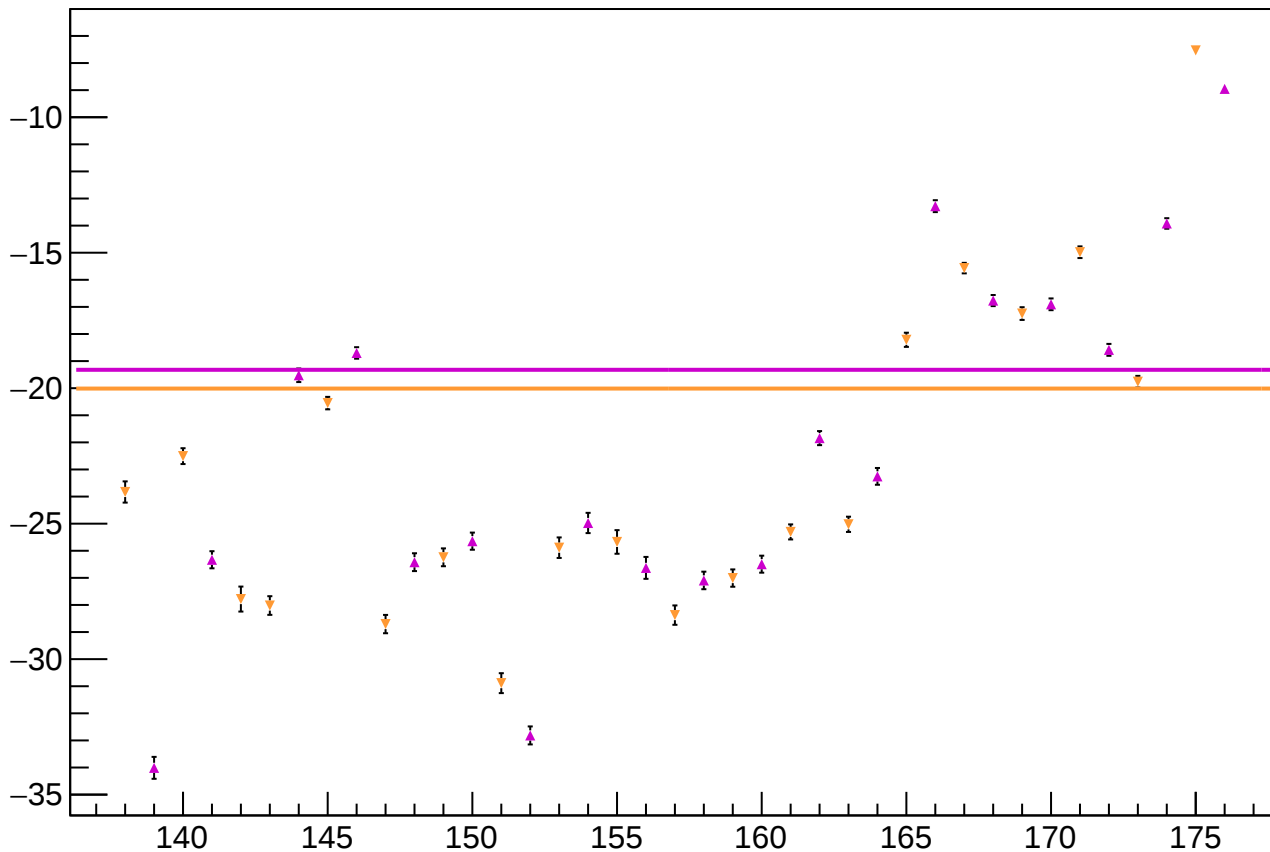
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.608+/-0.046 χ^2/NDF :1744.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.487+/-0.045 χ^2/NDF :1859.1/18

Left: 3.547+/-0.032 χ^2/NDF : 3606.7/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.487+/-0.045 χ^2/NDF :1859.1/18
 Out: 3.608+/-0.046 χ^2/NDF :1744.1/19
 All: 3.547+/-0.032 χ^2/NDF : 3606.7/38

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: -20.014+/-0.061 χ^2/NDF :11382.1/19

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

Left In: -19.321+/-0.059 χ^2/NDF :11342.4/18

Left: -19.656+/-0.043 χ^2/NDF : 22790.5/38

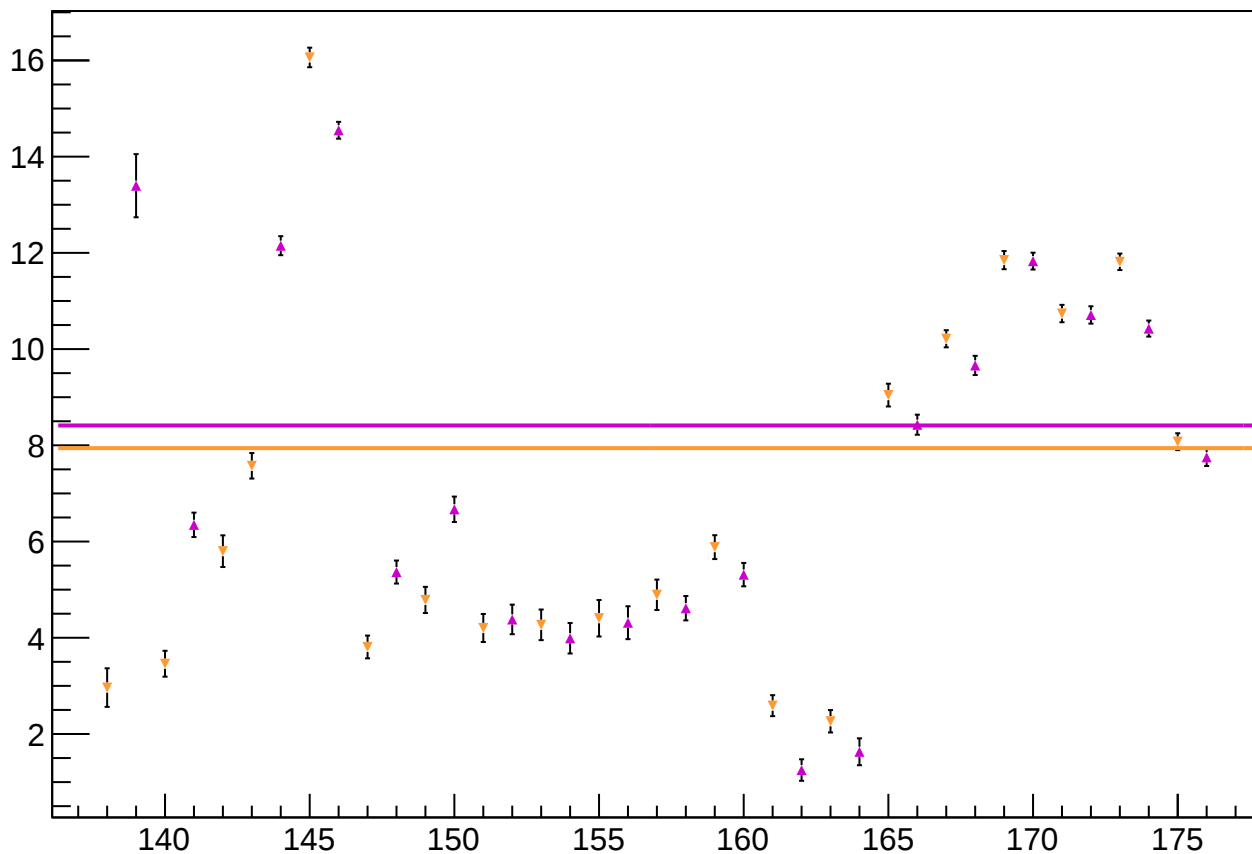
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.321+/-0.059 χ^2/NDF :11342.4/18

Out: -20.014+/-0.061 χ^2/NDF :11382.1/19

All: -19.656+/-0.043 χ^2/NDF : 22790.5/38

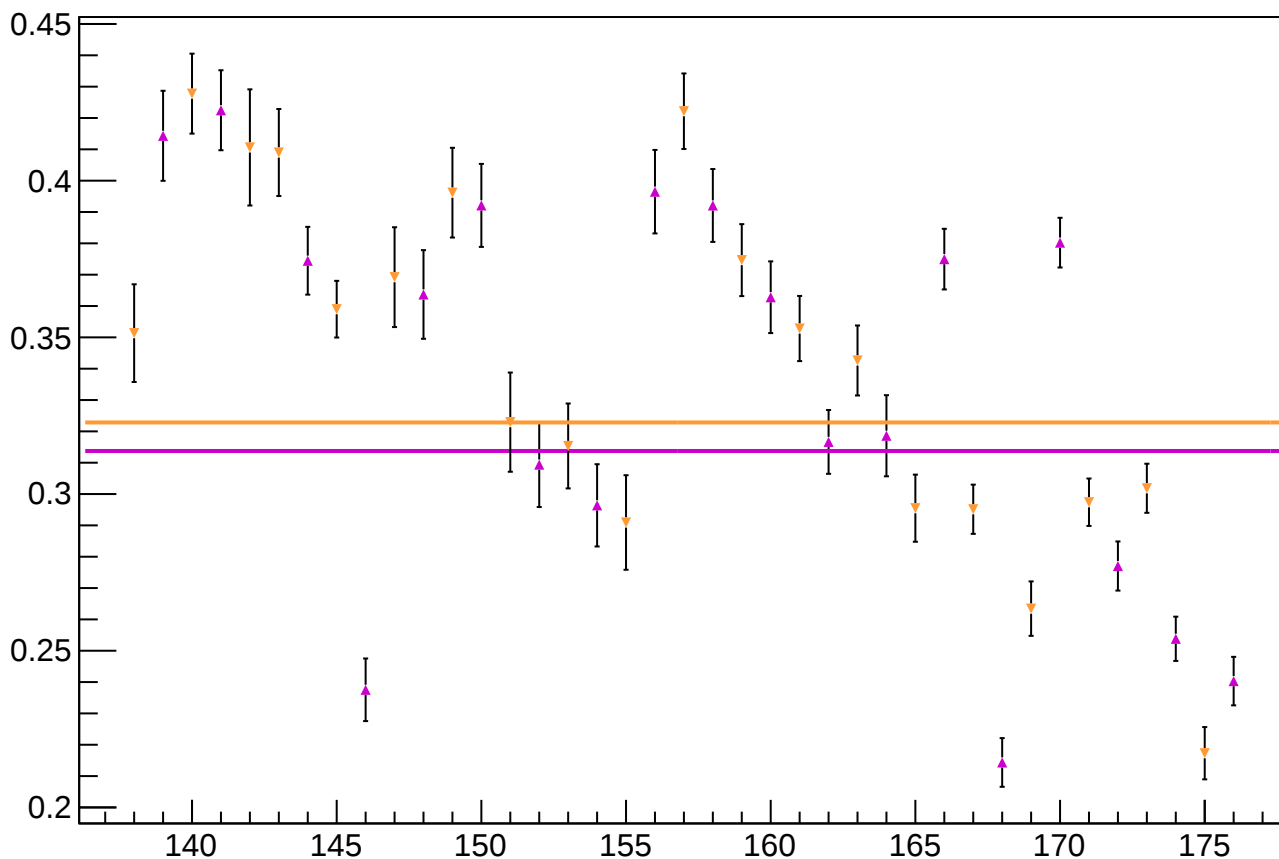
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.942+/-0.052 χ^2/NDF :5623.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.412+/-0.051 χ^2/NDF :5173.2/18

Left: 8.181+/-0.037 χ^2/NDF : 10837.6/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.412+/-0.051 χ^2/NDF :5173.2/18
 Out: 7.942+/-0.052 χ^2/NDF :5623.0/19
 All: 8.181+/-0.037 χ^2/NDF : 10837.6/38

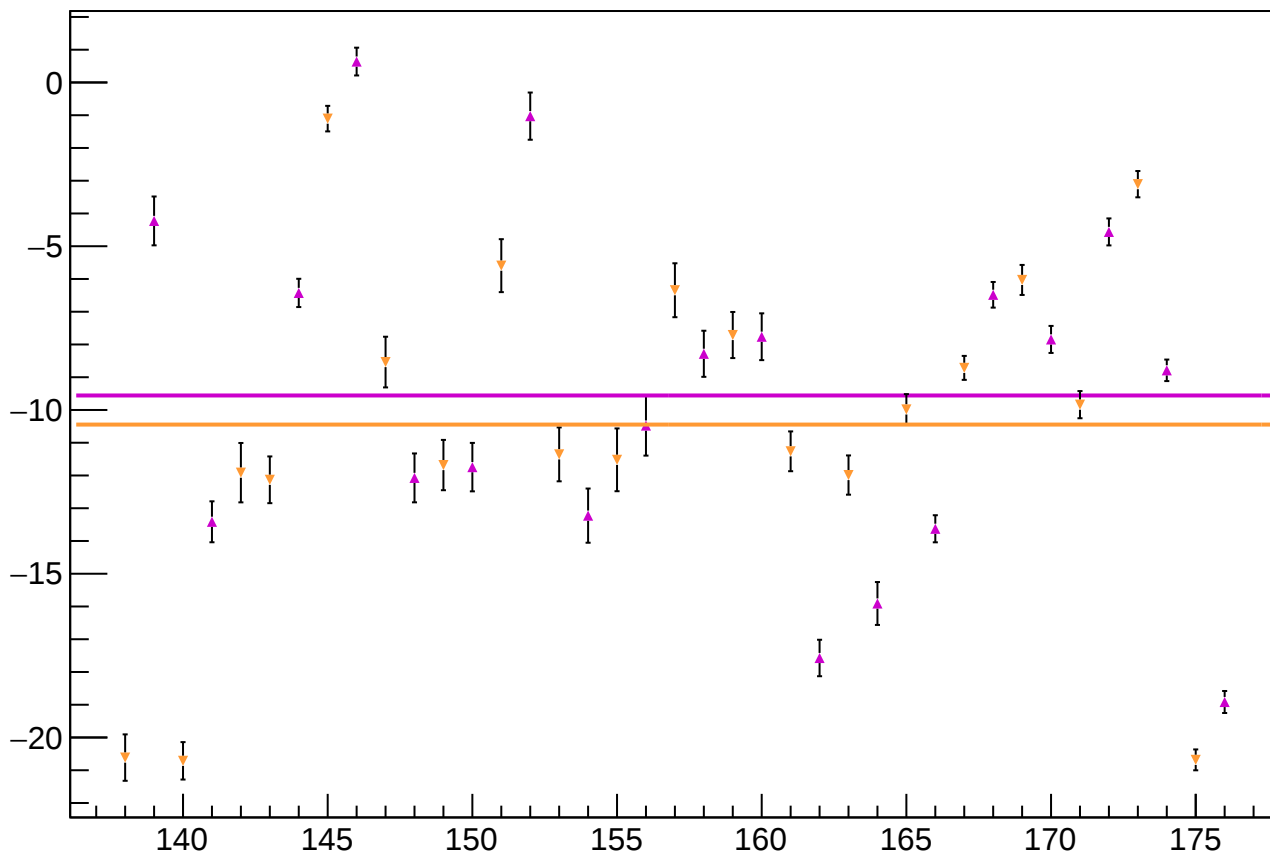
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.314 $\pm$ 0.002 χ^2 /NDF:821.2/18

Left: 0.318 $\pm$ 0.002 χ^2 /NDF: 1360.0/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.314 $\pm$ 0.002 χ^2 /NDF:821.2/18
 Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.5/19
 All: 0.318 $\pm$ 0.002 χ^2 /NDF: 1360.0/38

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: -10.446 ± 0.120 χ^2/NDF : 2690.6/19

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

Left In: -9.557 ± 0.115 χ^2/NDF : 2315.3/18

Left: -9.985 ± 0.083 χ^2/NDF : 5034.5/38

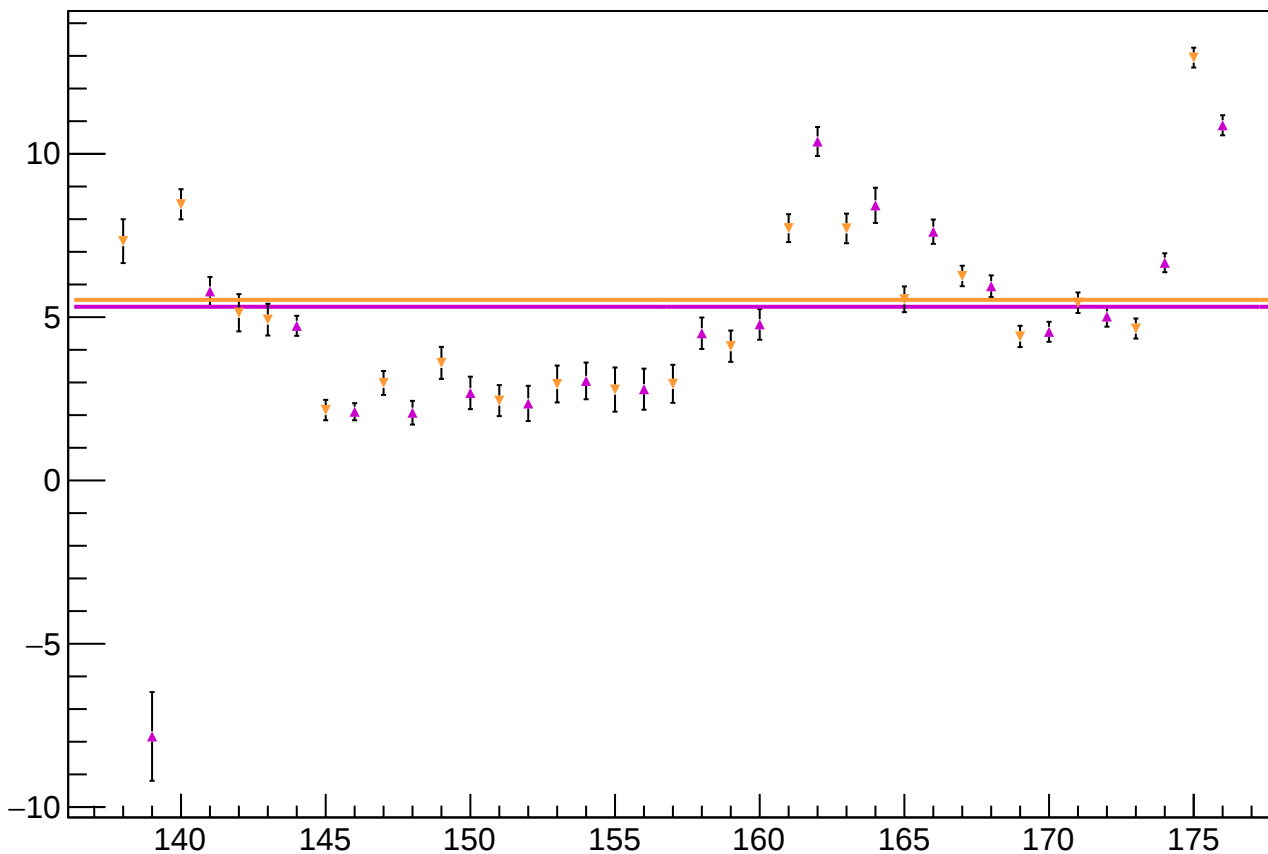
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -9.557 ± 0.115 χ^2/NDF : 2315.3/18

Out: -10.446 ± 0.120 χ^2/NDF : 2690.6/19

All: -9.985 ± 0.083 χ^2/NDF : 5034.5/38

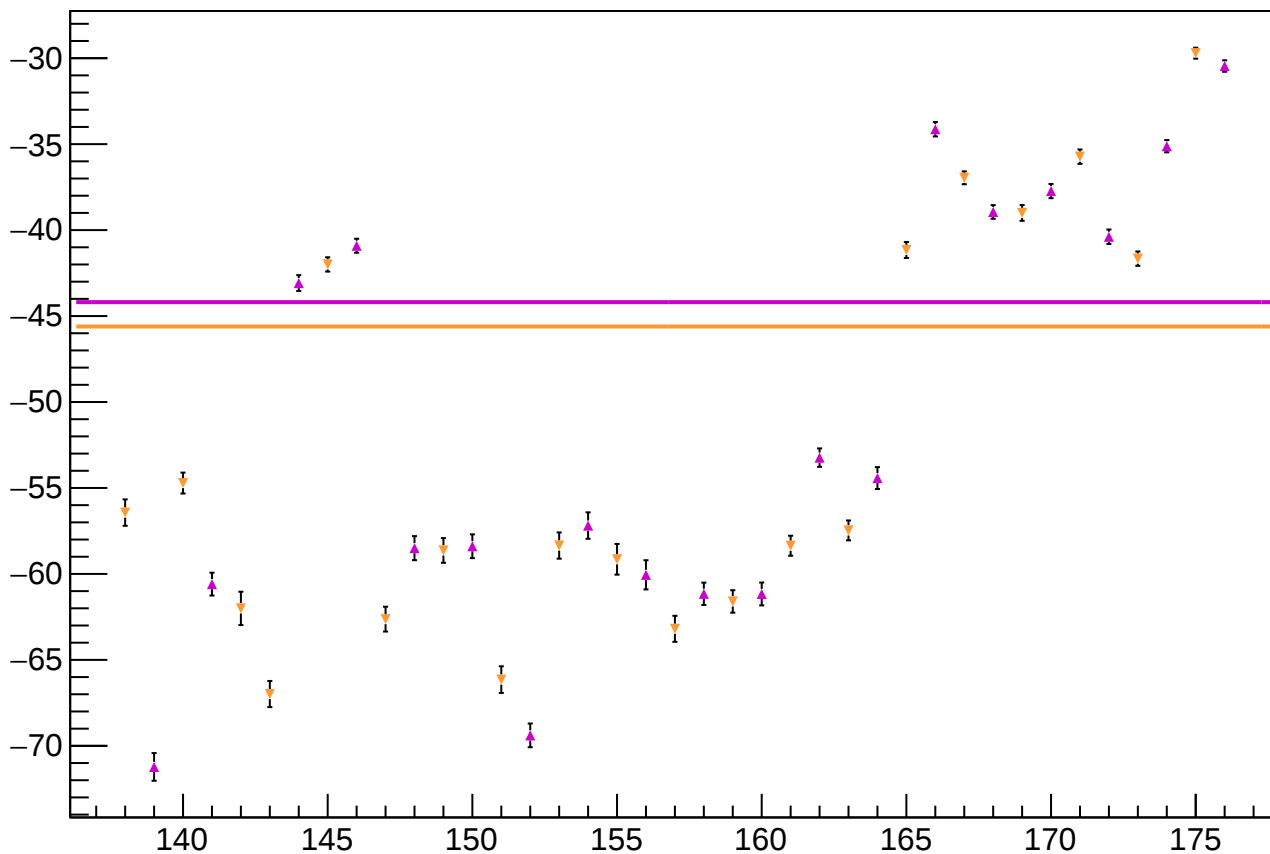
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.531 $\pm$ 0.091 χ^2 /NDF:1006.3/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.318 $\pm$ 0.088 χ^2 /NDF:985.4/18

Left: 5.421 $\pm$ 0.063 χ^2 /NDF: 1994.5/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.318 $\pm$ 0.088 χ^2 /NDF:985.4/18
 Out: 5.531 $\pm$ 0.091 χ^2 /NDF:1006.3/19
 All: 5.421 $\pm$ 0.063 χ^2 /NDF: 1994.5/38

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: -45.607+/-0.120 χ^2/NDF :9665.5/19

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

Left In: -44.190+/-0.116 χ^2/NDF :9915.2/18

Left: -44.871+/-0.083 χ^2/NDF : 19652.8/38

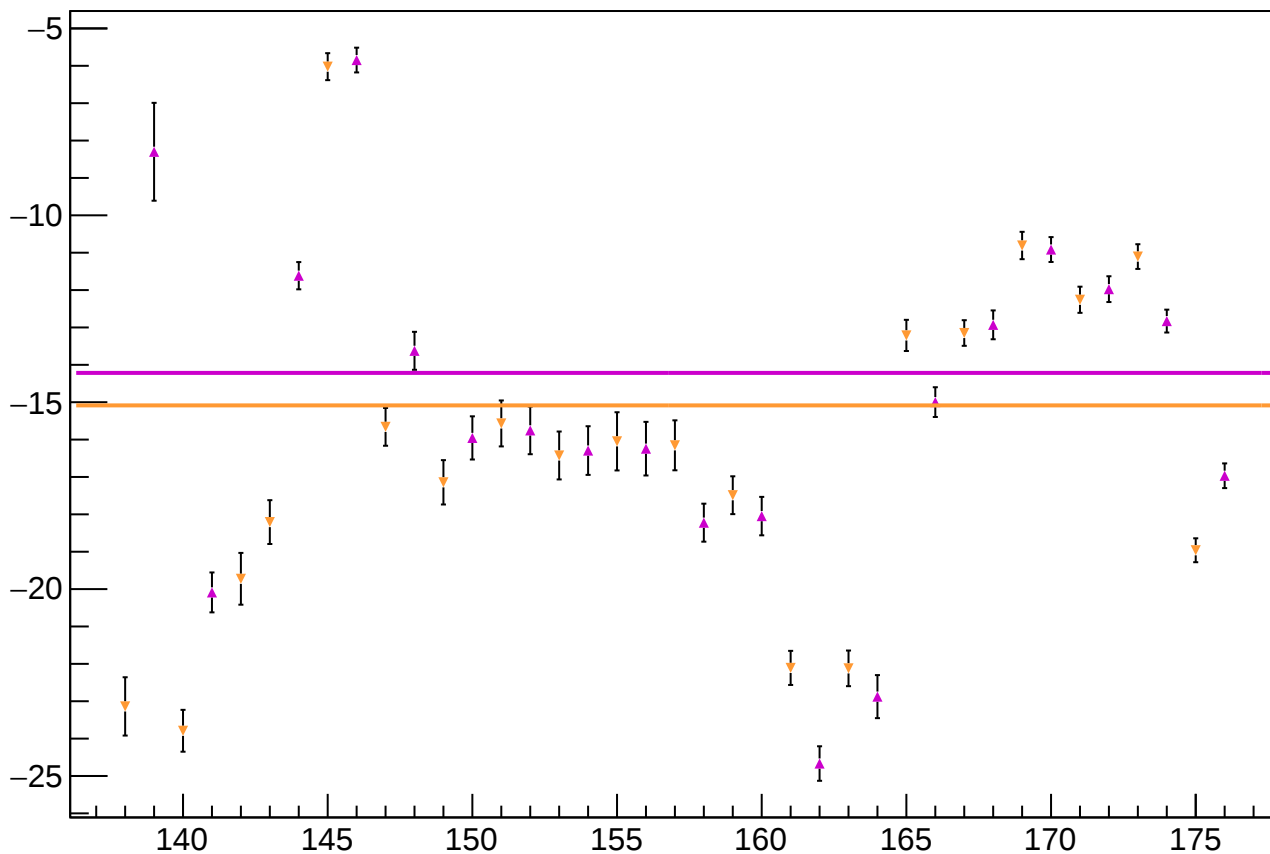
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.190+/-0.116 χ^2/NDF :9915.2/18

Out: -45.607+/-0.120 χ^2/NDF :9665.5/19

All: -44.871+/-0.083 χ^2/NDF : 19652.8/38

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: -15.085+/-0.103 χ^2/NDF :2097.7/19

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

Left In: -14.216+/-0.100 χ^2/NDF :1967.0/18

Left: -14.640+/-0.072 χ^2/NDF : 4101.5/38

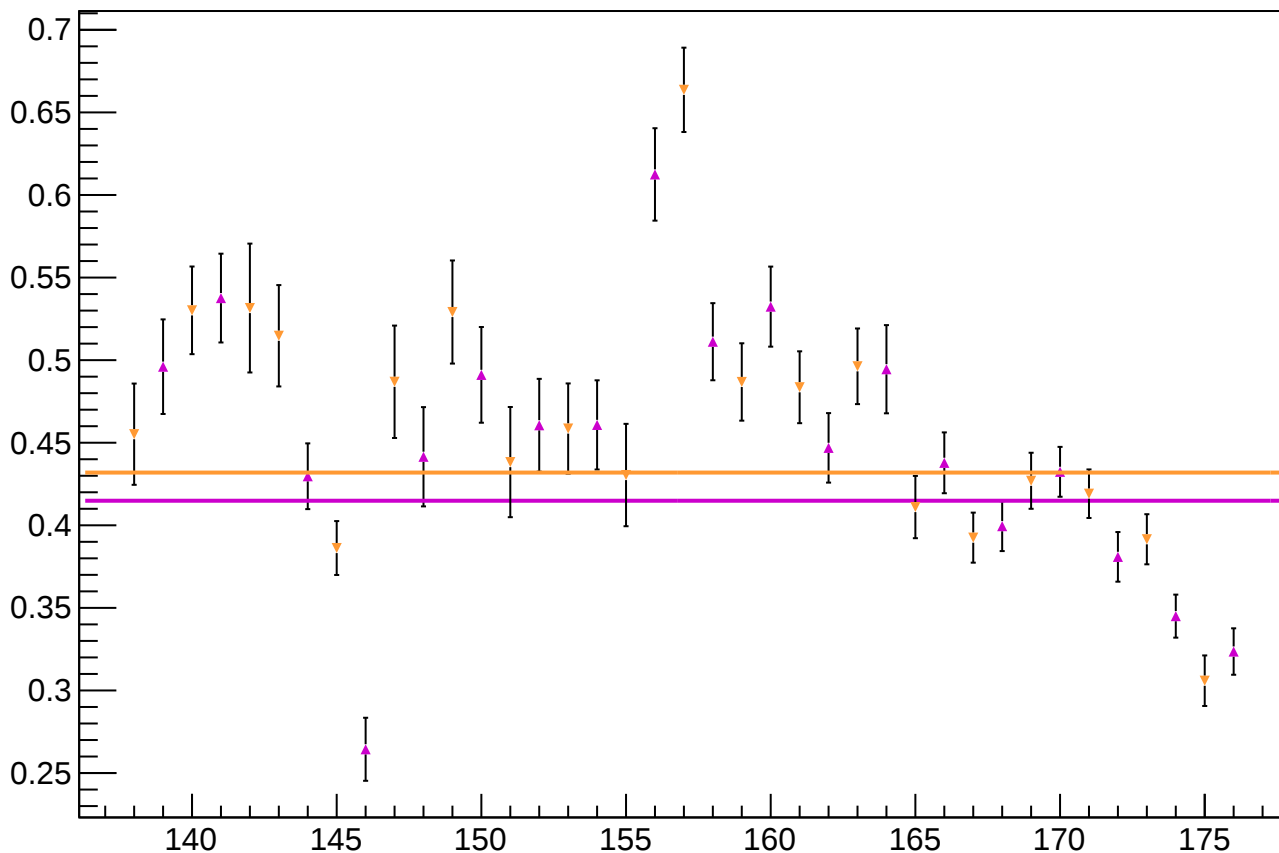
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.216+/-0.100 χ^2/NDF :1967.0/18

Out: -15.085+/-0.103 χ^2/NDF :2097.7/19

All: -14.640+/-0.072 χ^2/NDF : 4101.5/38

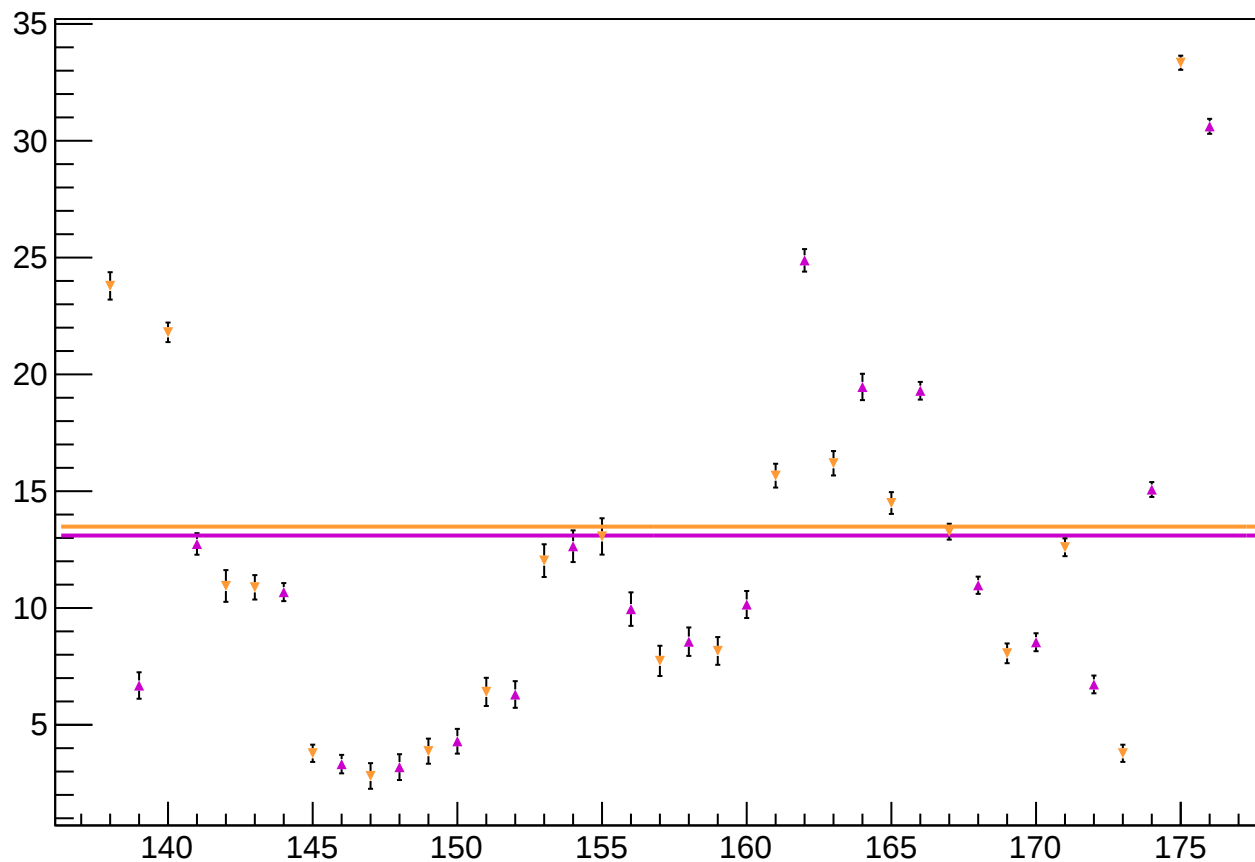
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.415 $\pm$ 0.005 χ^2 /NDF:286.4/18

Left: 0.423 $\pm$ 0.003 χ^2 /NDF: 527.5/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.415 $\pm$ 0.005 χ^2 /NDF:286.4/18
 Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.4/19
 All: 0.423 $\pm$ 0.003 χ^2 /NDF: 527.5/38

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 13.484 $\pm$ 0.104 χ^2 /NDF:7648.3/19

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

Left In: 13.102 $\pm$ 0.102 χ^2 /NDF:6096.9/18

Left: 13.289 $\pm$ 0.073 χ^2 /NDF: 13752.0/38

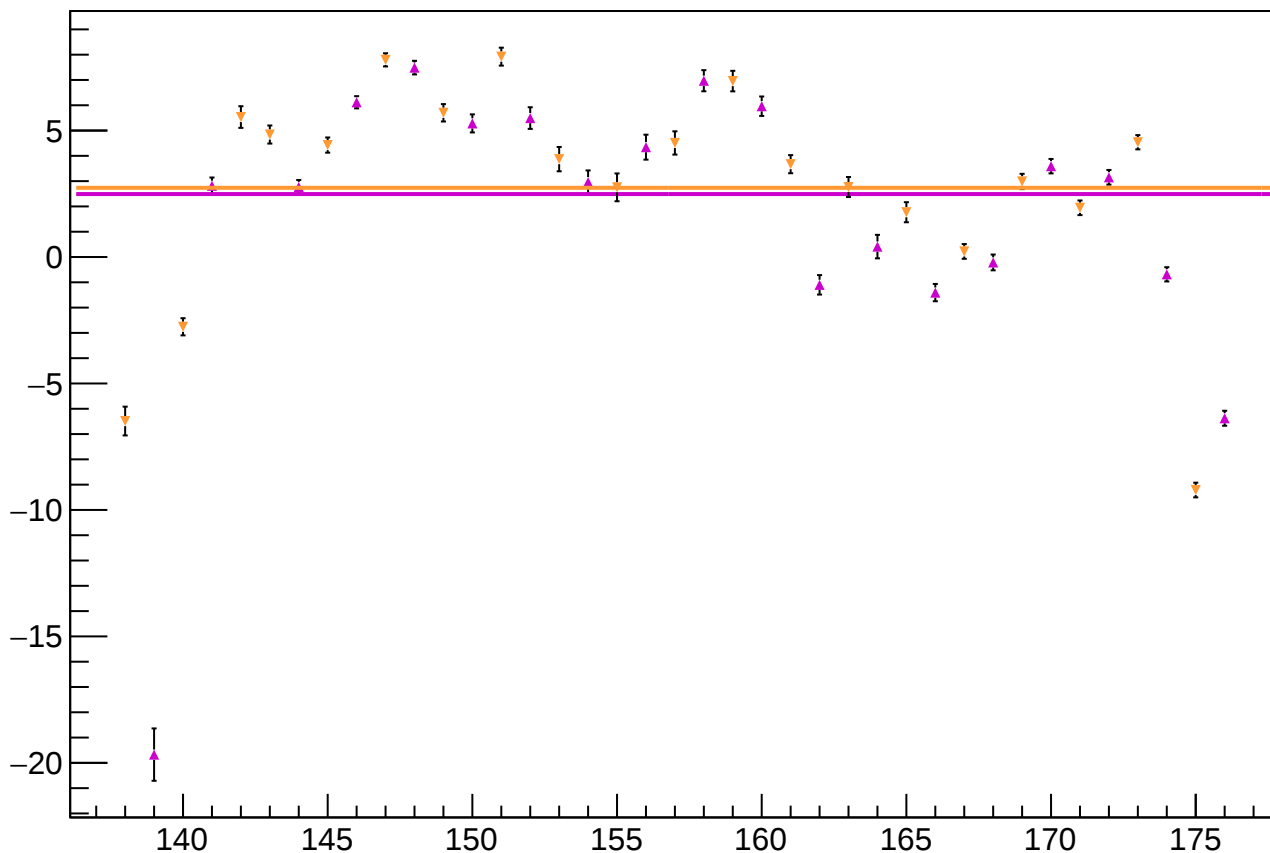
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.102 $\pm$ 0.102 χ^2 /NDF:6096.9/18

Out: 13.484 $\pm$ 0.104 χ^2 /NDF:7648.3/19

All: 13.289 $\pm$ 0.073 χ^2 /NDF: 13752.0/38

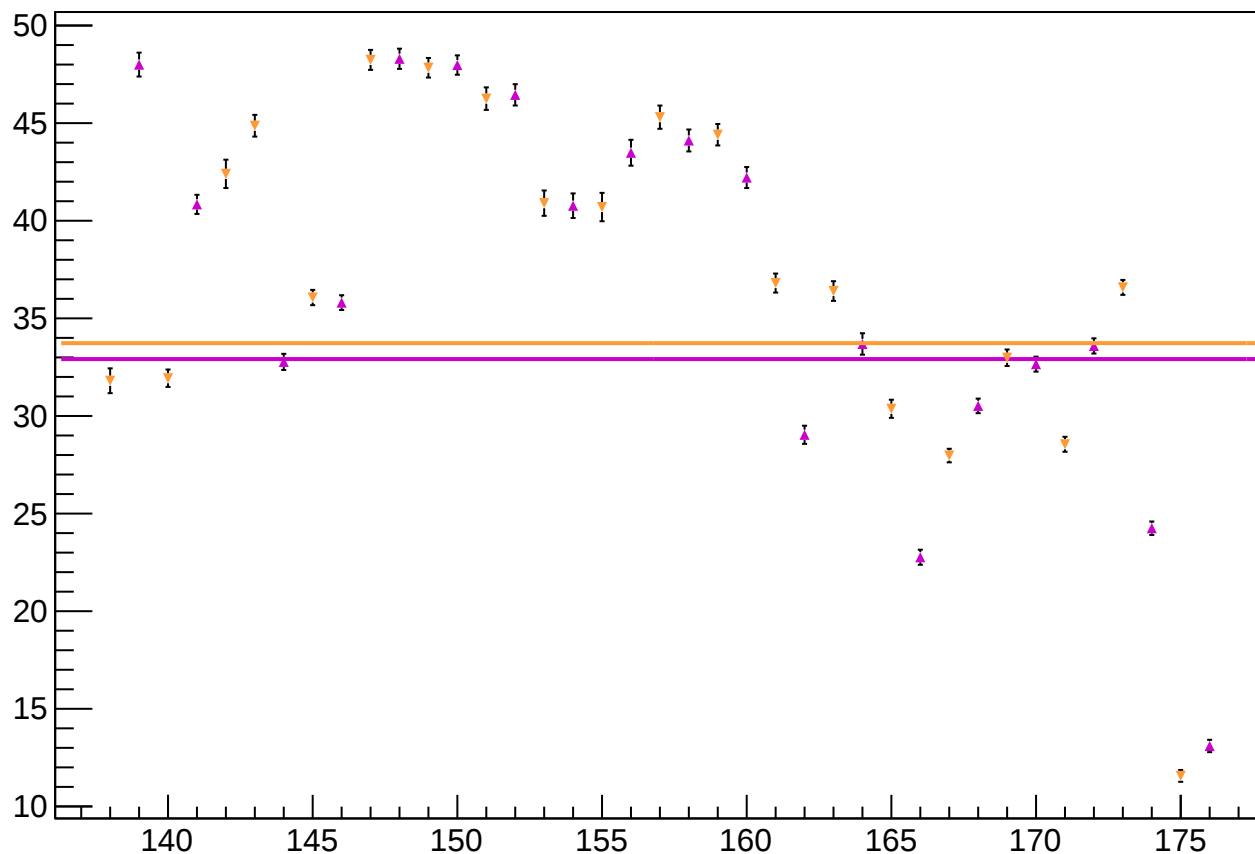
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.737 $\pm$ 0.078 χ^2/NDF :3254.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.489 $\pm$ 0.077 χ^2/NDF :2708.7/18

Left: 2.612 $\pm$ 0.055 χ^2/NDF : 5968.4/38
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.489 $\pm$ 0.077 χ^2/NDF :2708.7/18
 Out: 2.737 $\pm$ 0.078 χ^2/NDF :3254.6/19
 All: 2.612 $\pm$ 0.055 χ^2/NDF : 5968.4/38

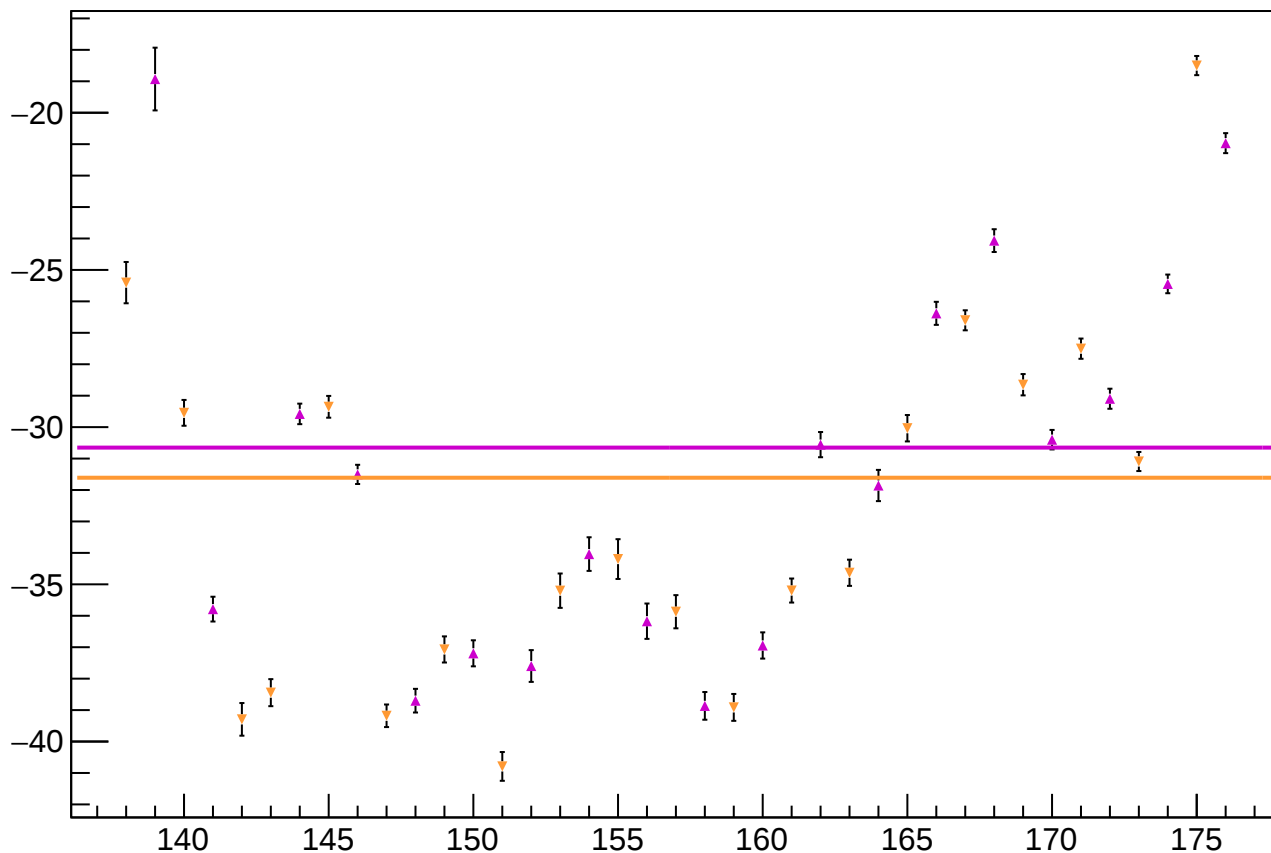
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 33.730 $\pm$ 0.105 χ^2 /NDF:9605.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 32.915 $\pm$ 0.102 χ^2 /NDF:9792.6/18

Left: 33.313 $\pm$ 0.073 χ^2 /NDF: 19429.0/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 32.915 $\pm$ 0.102 χ^2 /NDF:9792.6/18
 Out: 33.730 $\pm$ 0.105 χ^2 /NDF:9605.4/19
 All: 33.313 $\pm$ 0.073 χ^2 /NDF: 19429.0/38

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -31.609 $\pm$ 0.089 χ^2/NDF :4554.6/19

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

Left In: -30.651 $\pm$ 0.088 χ^2/NDF :3664.4/18

Left: -31.127 $\pm$ 0.063 χ^2/NDF : 8277.6/38

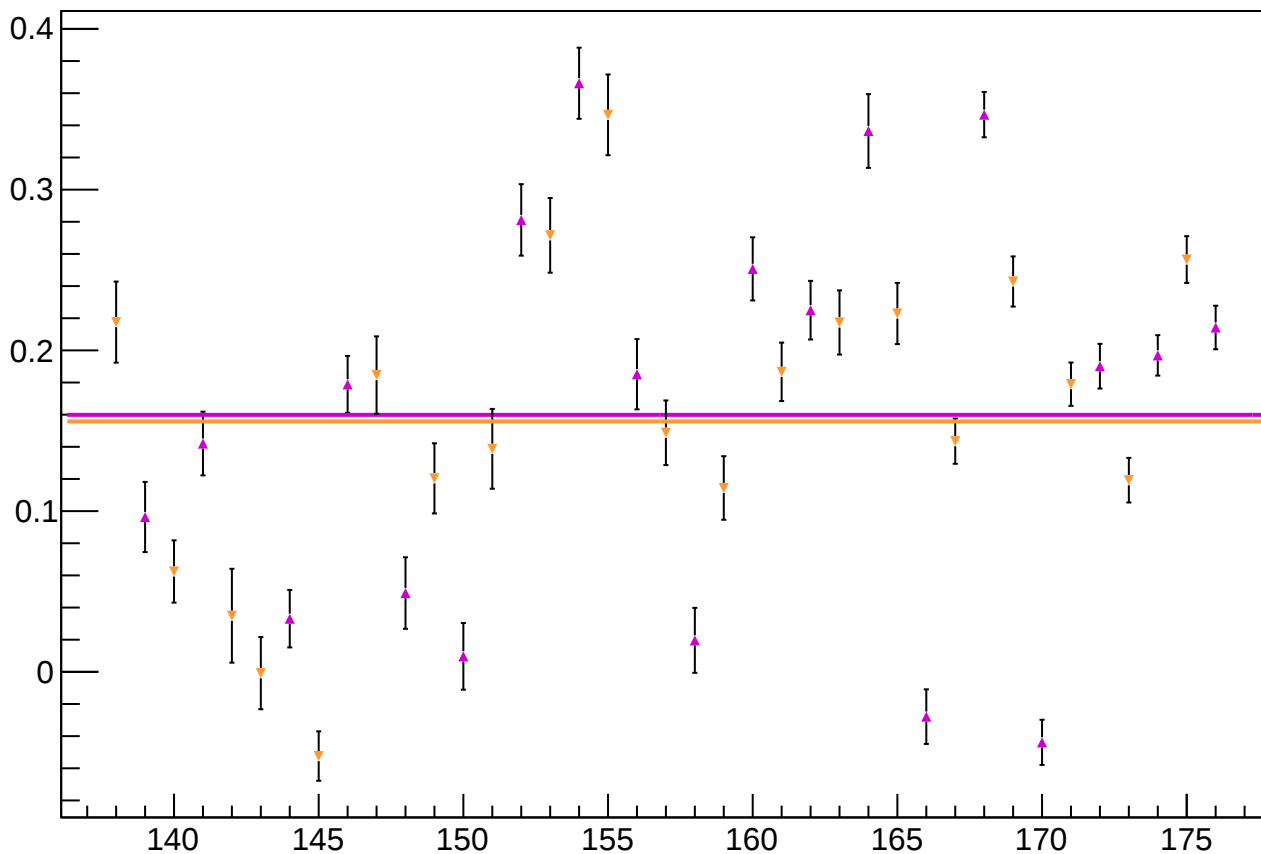
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -30.651 $\pm$ 0.088 χ^2/NDF :3664.4/18

Out: -31.609 $\pm$ 0.089 χ^2/NDF :4554.6/19

All: -31.127 $\pm$ 0.063 χ^2/NDF : 8277.6/38

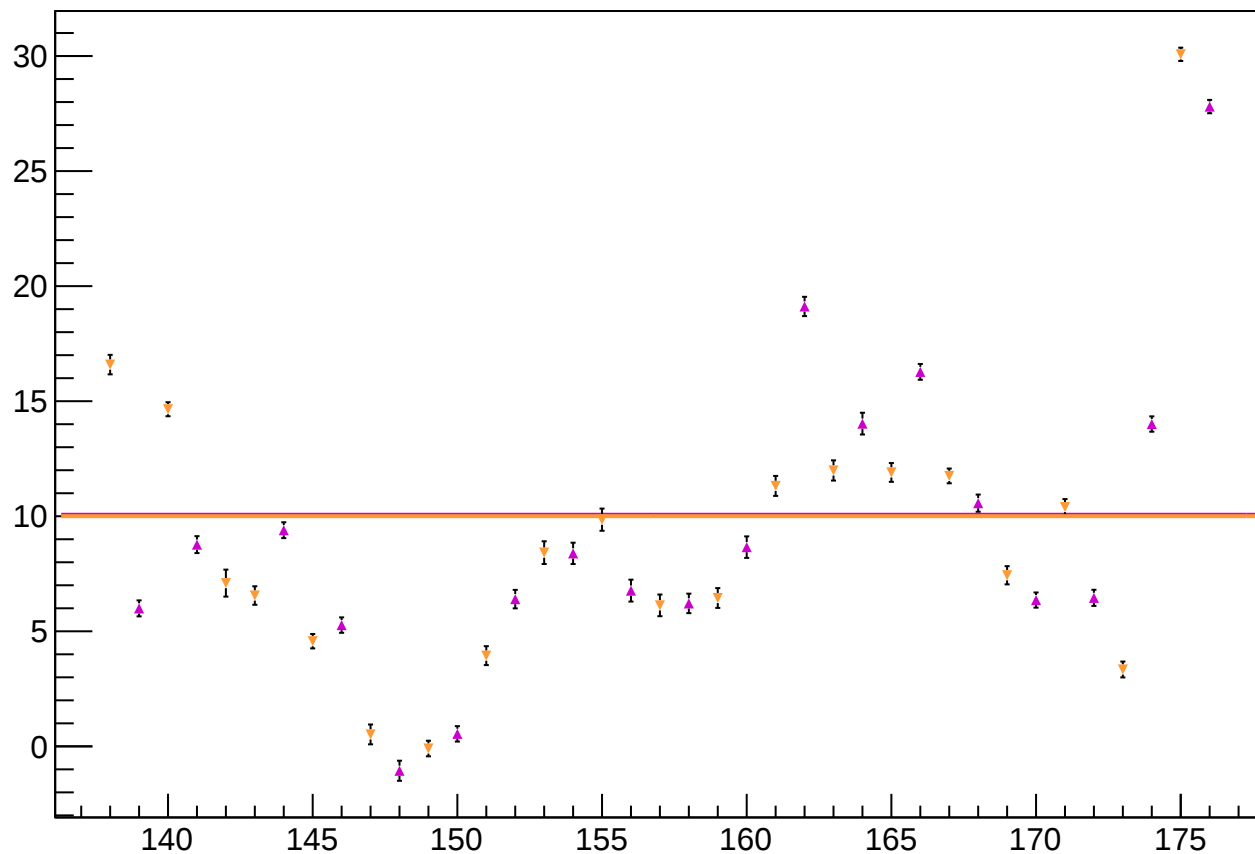
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.156 $\pm$ 0.004 χ^2 /NDF:484.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:935.0/18

Left: 0.158 $\pm$ 0.003 χ^2 /NDF: 1420.0/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2 /NDF:935.0/18
 Out: 0.156 $\pm$ 0.004 χ^2 /NDF:484.5/19
 All: 0.158 $\pm$ 0.003 χ^2 /NDF: 1420.0/38

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: 10.003+/-0.086 χ^2/NDF : 7926.3/19

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

Left In: 10.064+/-0.086 χ^2/NDF : 7019.2/18

Left: 10.034+/-0.061 χ^2/NDF : 14945.8/38

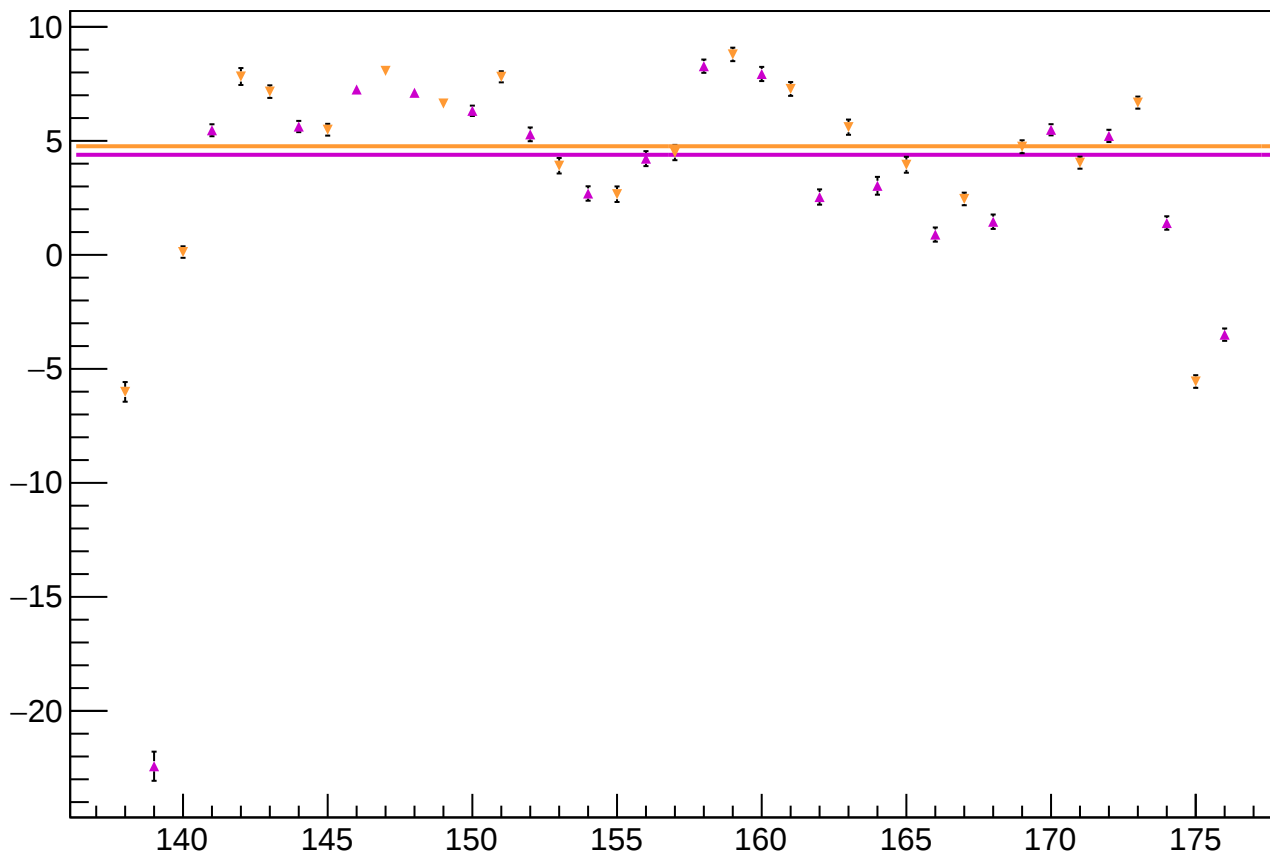
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.064+/-0.086 χ^2/NDF : 7019.2/18

Out: 10.003+/-0.086 χ^2/NDF : 7926.3/19

All: 10.034+/-0.061 χ^2/NDF : 14945.8/38

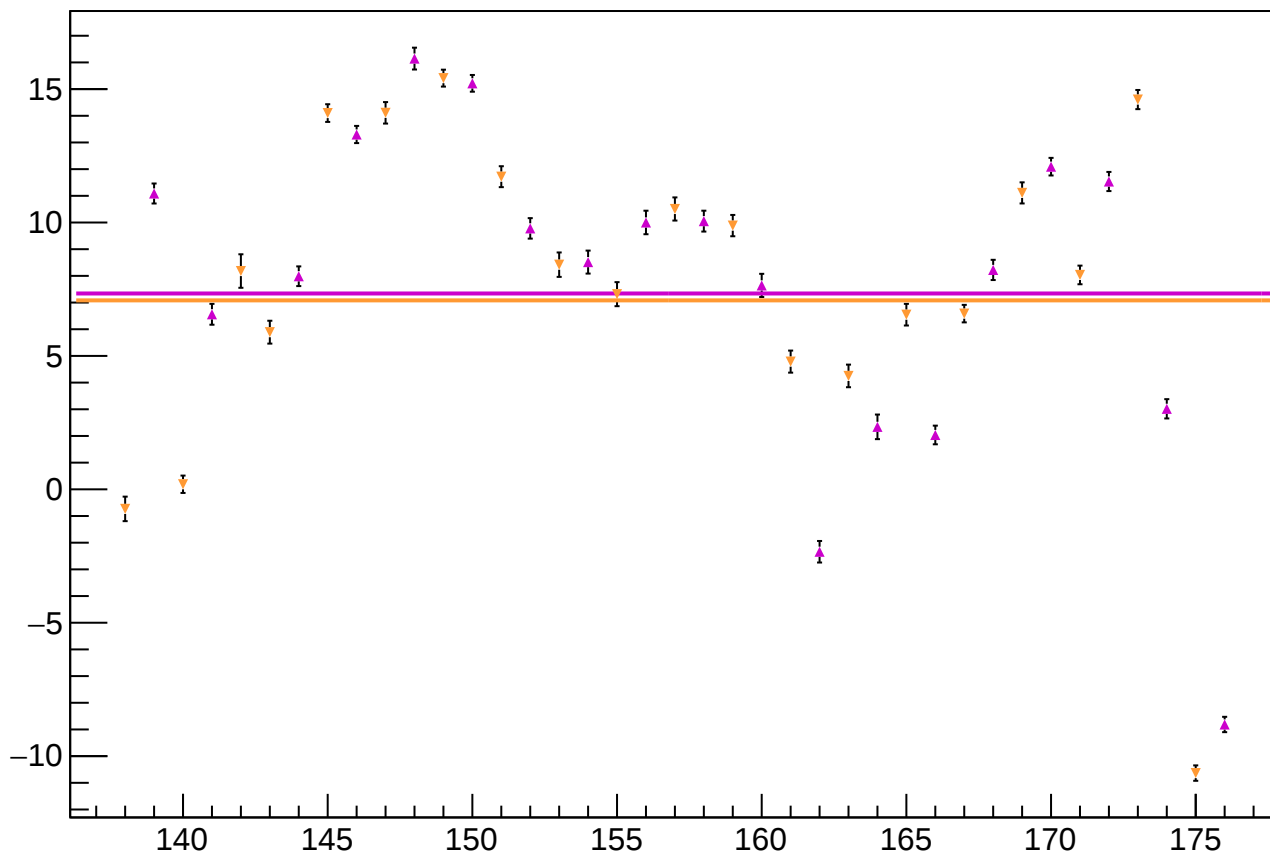
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.764 $\pm$ 0.063 χ^2 /NDF:3414.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.389 $\pm$ 0.065 χ^2 /NDF:3792.6/18

Left: 4.580 $\pm$ 0.045 χ^2 /NDF: 7224.3/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.389 $\pm$ 0.065 χ^2 /NDF:3792.6/18
 Out: 4.764 $\pm$ 0.063 χ^2 /NDF:3414.5/19
 All: 4.580 $\pm$ 0.045 χ^2 /NDF: 7224.3/38

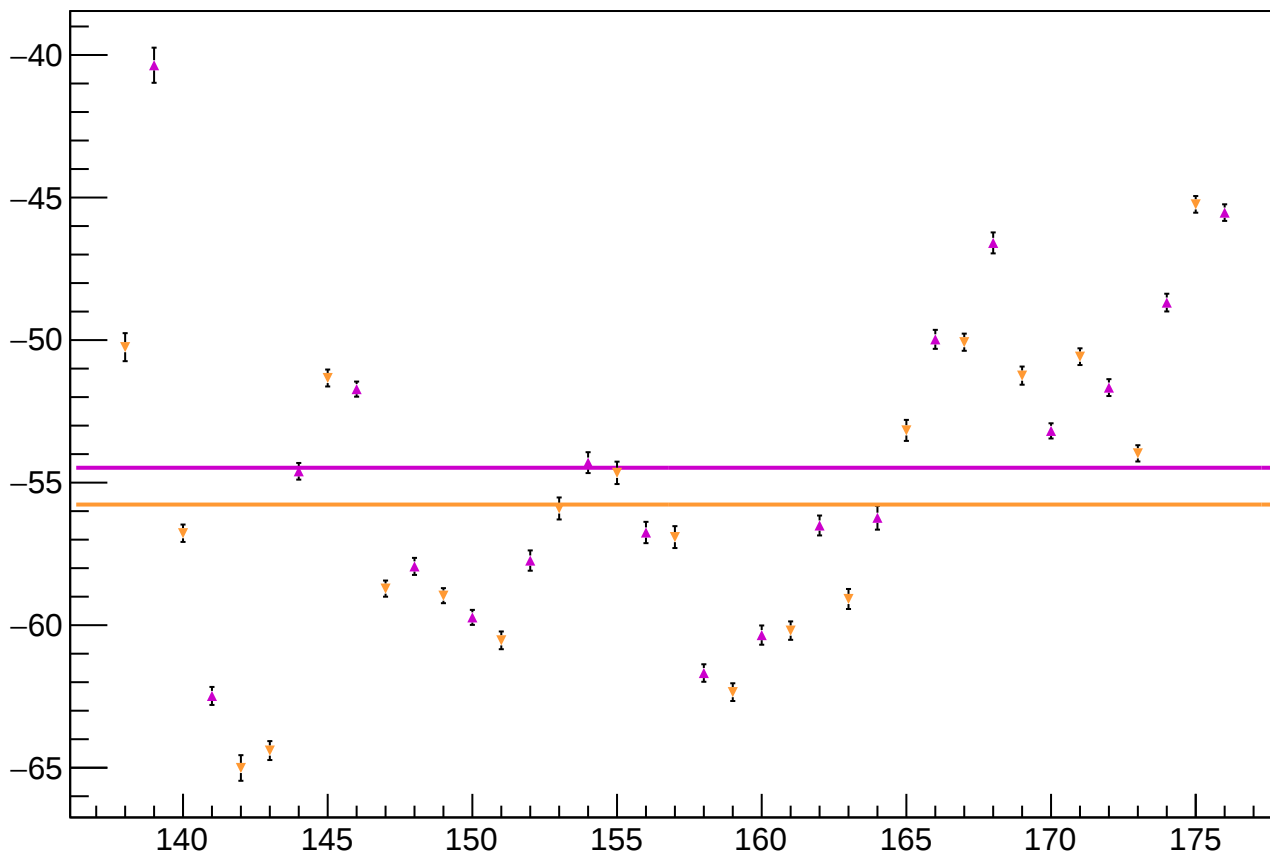
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.082 $\pm$ 0.086 χ^2 /NDF:6844.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.340 $\pm$ 0.085 χ^2 /NDF:6249.9/18

Left: 7.212 $\pm$ 0.060 χ^2 /NDF: 13099.1/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.340 $\pm$ 0.085 χ^2 /NDF:6249.9/18
 Out: 7.082 $\pm$ 0.086 χ^2 /NDF:6844.6/19
 All: 7.212 $\pm$ 0.060 χ^2 /NDF: 13099.1/38

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



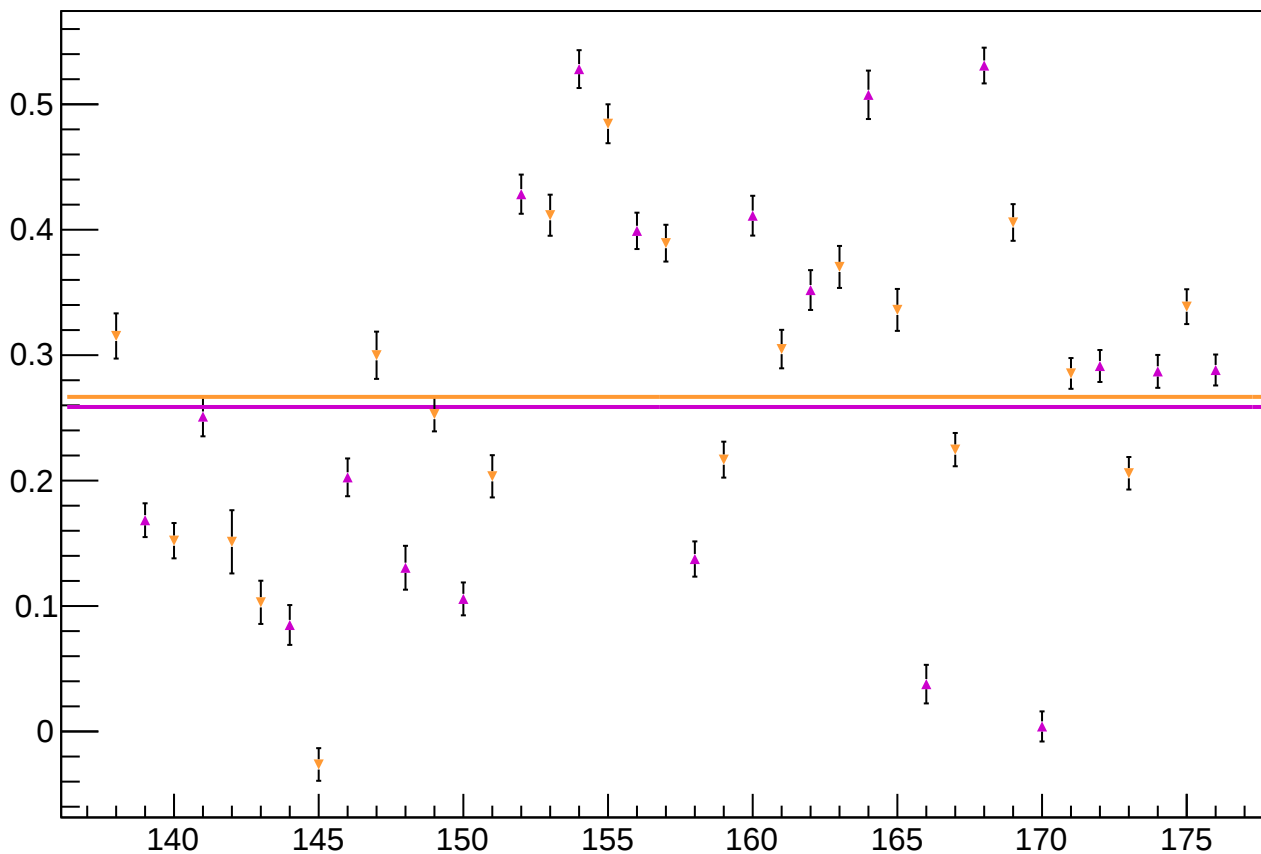
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.769+/-0.073 χ^2/NDF : 4947.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.478+/-0.074 χ^2/NDF : 4878.9/18

Left: -55.133+/-0.052 χ^2/NDF : 9981.8/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.478+/-0.074 χ^2/NDF : 4878.9/18
 Out: -55.769+/-0.073 χ^2/NDF : 4947.5/19

All: -55.133+/-0.052 χ^2/NDF : 9981.8/38

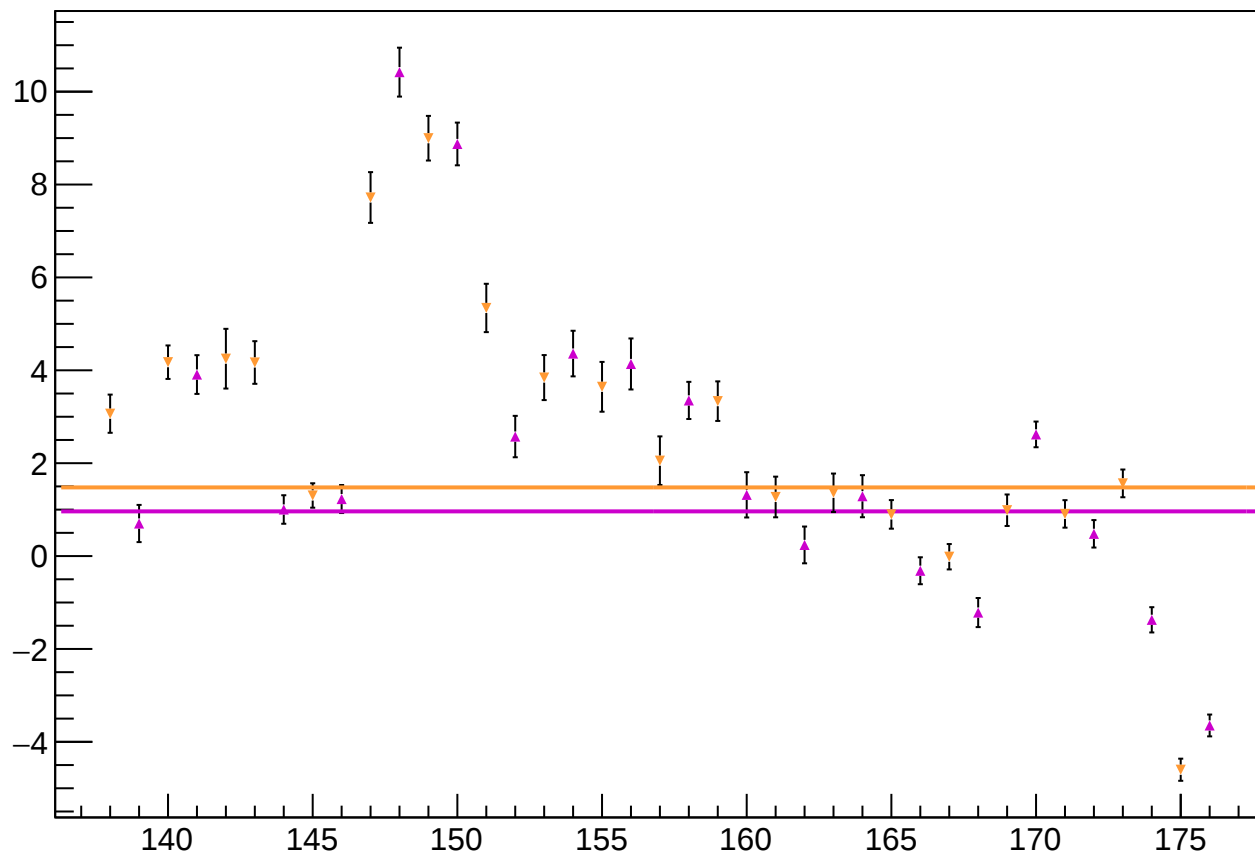
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.267 $\pm$ 0.003 χ^2 /NDF:1281.2/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.259 $\pm$ 0.003 χ^2 /NDF:2305.4/18

Left: 0.263 $\pm$ 0.002 χ^2 /NDF: 3589.5/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.259 $\pm$ 0.003 χ^2 /NDF:2305.4/18
 Out: 0.267 $\pm$ 0.003 χ^2 /NDF:1281.2/19
 All: 0.263 $\pm$ 0.002 χ^2 /NDF: 3589.5/38

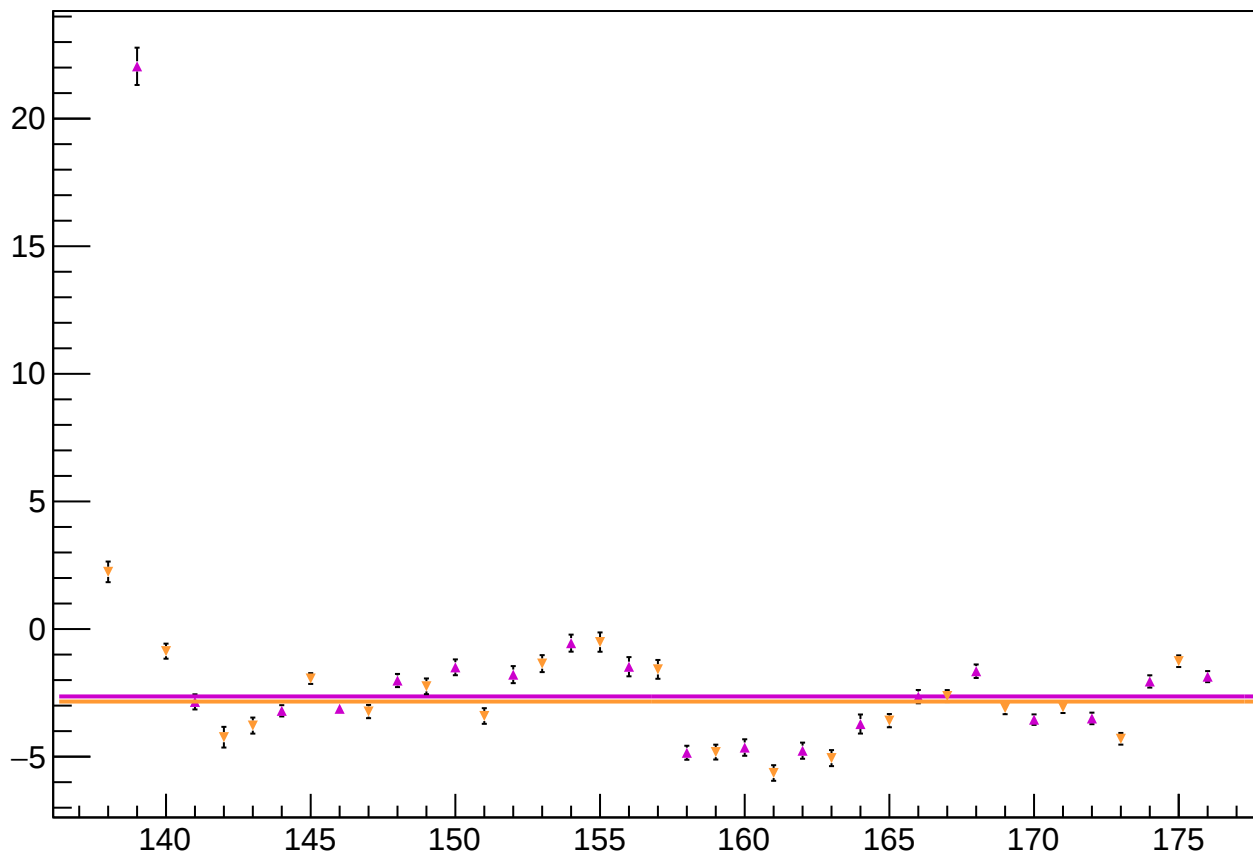
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.478+/-0.082 χ^2/NDF :1305.6/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.962+/-0.080 χ^2/NDF :1368.8/18

Left: 1.214+/-0.058 χ^2/NDF : 2694.4/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.962+/-0.080 χ^2/NDF :1368.8/18
 Out: 1.478+/-0.082 χ^2/NDF :1305.6/19
 All: 1.214+/-0.058 χ^2/NDF : 2694.4/38

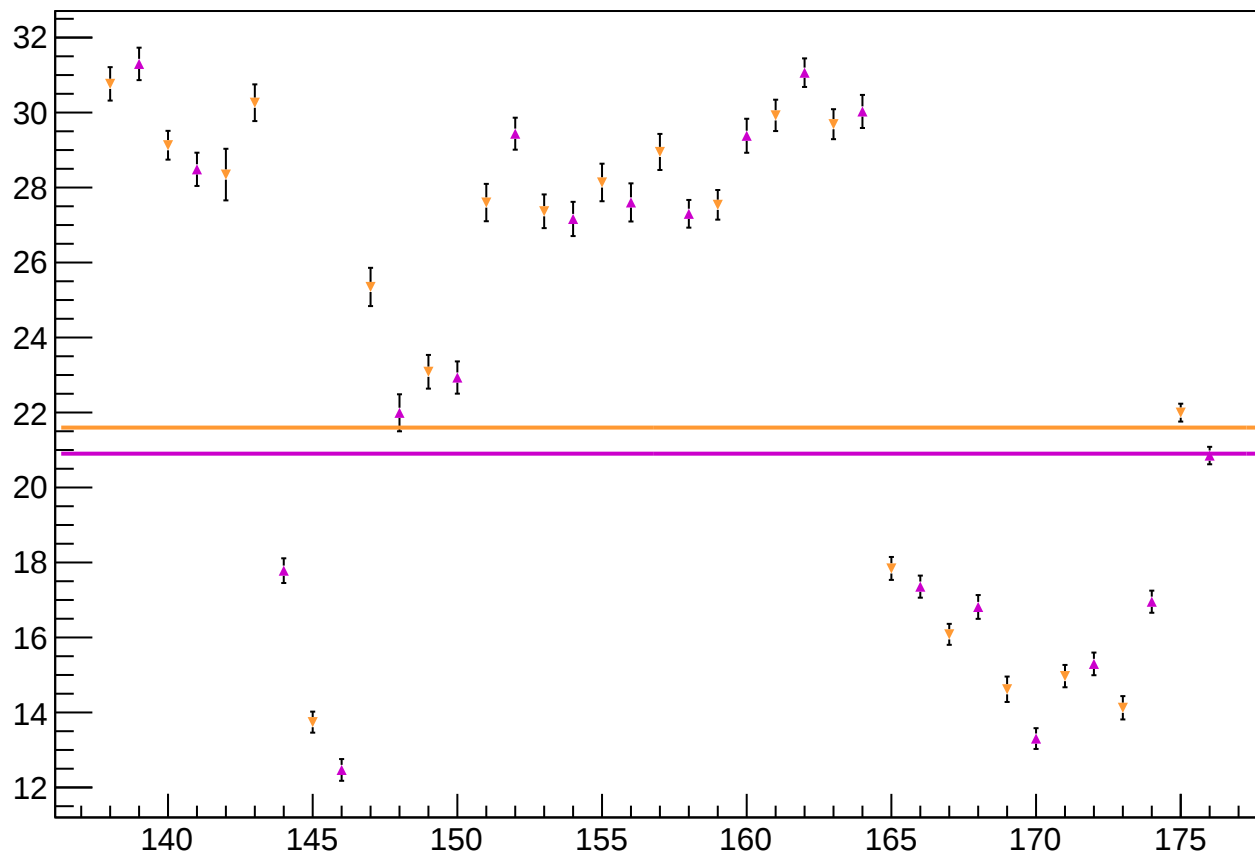
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.840+/-0.062 χ^2/NDF : 600.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.640+/-0.062 χ^2/NDF : 1451.8/18

Left: -2.739+/-0.044 χ^2/NDF : 2057.4/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.640+/-0.062 χ^2/NDF : 1451.8/18
 Out: -2.840+/-0.062 χ^2/NDF : 600.4/19
 All: -2.739+/-0.044 χ^2/NDF : 2057.4/38

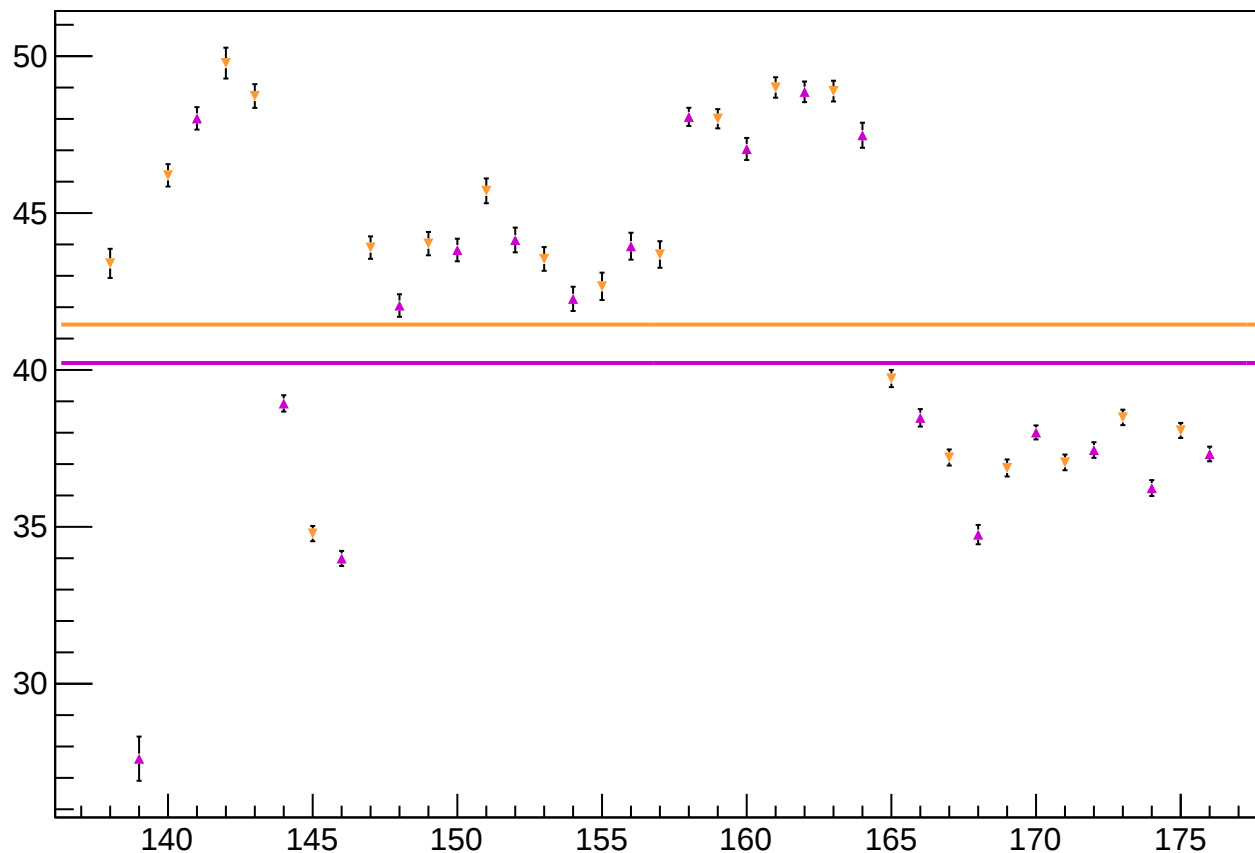
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.598+/-0.083 χ^2/NDF :5852.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.902+/-0.080 χ^2/NDF :5969.5/18

Left: 21.241+/-0.058 χ^2/NDF : 11858.0/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.902+/-0.080 χ^2/NDF :5969.5/18
 Out: 21.598+/-0.083 χ^2/NDF :5852.0/19
 All: 21.241+/-0.058 χ^2/NDF : 11858.0/38

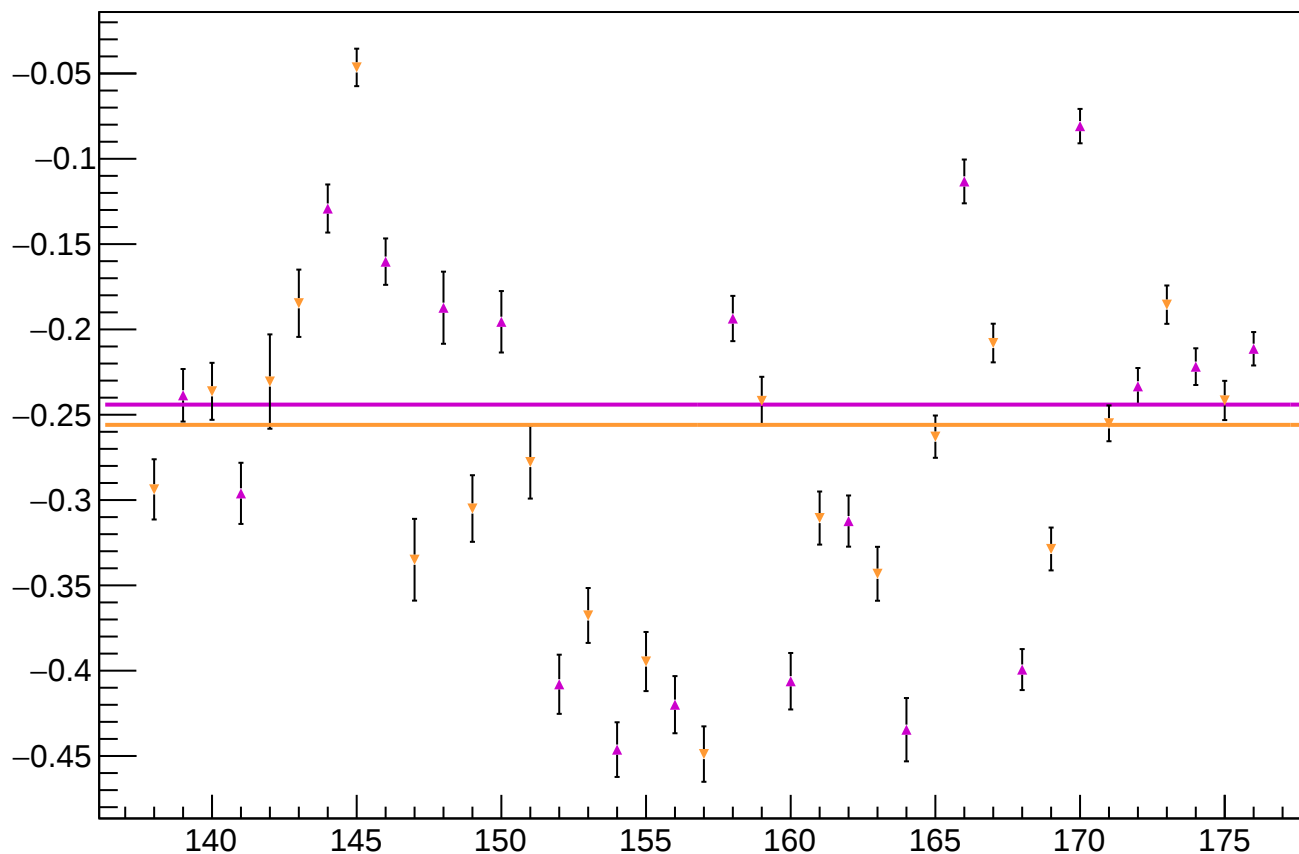
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 41.447 $\pm$ 0.071 χ^2 /NDF:4621.1/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 40.222 $\pm$ 0.070 χ^2 /NDF:4925.8/18

Left: 40.828 $\pm$ 0.050 χ^2 /NDF: 9699.1/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 40.222 $\pm$ 0.070 χ^2 /NDF:4925.8/18
 Out: 41.447 $\pm$ 0.071 χ^2 /NDF:4621.1/19
 All: 40.828 $\pm$ 0.050 χ^2 /NDF: 9699.1/38

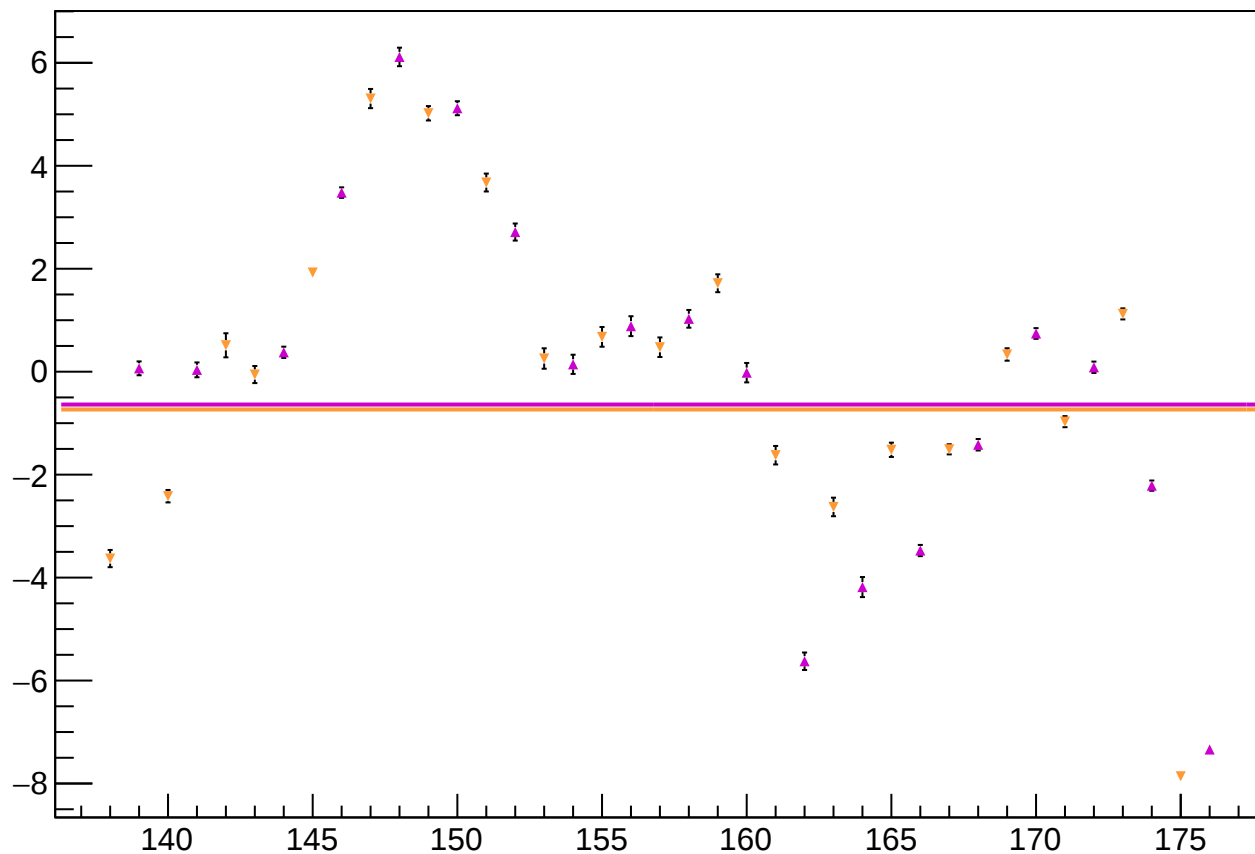
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.256 $\pm$ 0.003 χ^2 /NDF:791.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.244 $\pm$ 0.003 χ^2 /NDF:1272.6/18

Left: -0.250 $\pm$ 0.002 χ^2 /NDF: 2071.1/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.244 $\pm$ 0.003 χ^2 /NDF:1272.6/18
 Out: -0.256 $\pm$ 0.003 χ^2 /NDF:791.6/19
 All: -0.250 $\pm$ 0.002 χ^2 /NDF: 2071.1/38

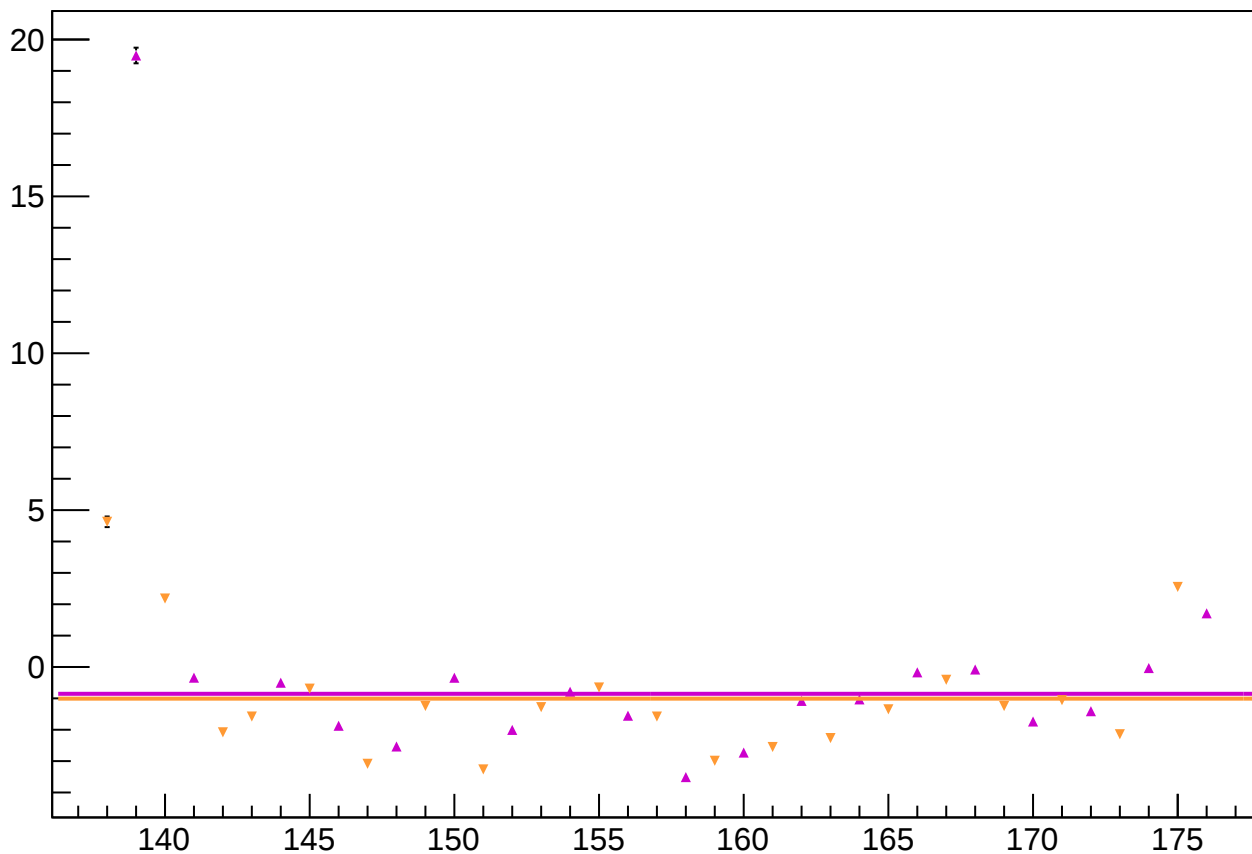
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.734 $\pm$ 0.030 χ^2 /NDF:12274.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.638 $\pm$ 0.030 χ^2 /NDF:13217.4/18

Left: -0.685 $\pm$ 0.021 χ^2 /NDF: 25497.3/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.638 $\pm$ 0.030 χ^2 /NDF:13217.4/18
 Out: -0.734 $\pm$ 0.030 χ^2 /NDF:12274.8/19
 All: -0.685 $\pm$ 0.021 χ^2 /NDF: 25497.3/38

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



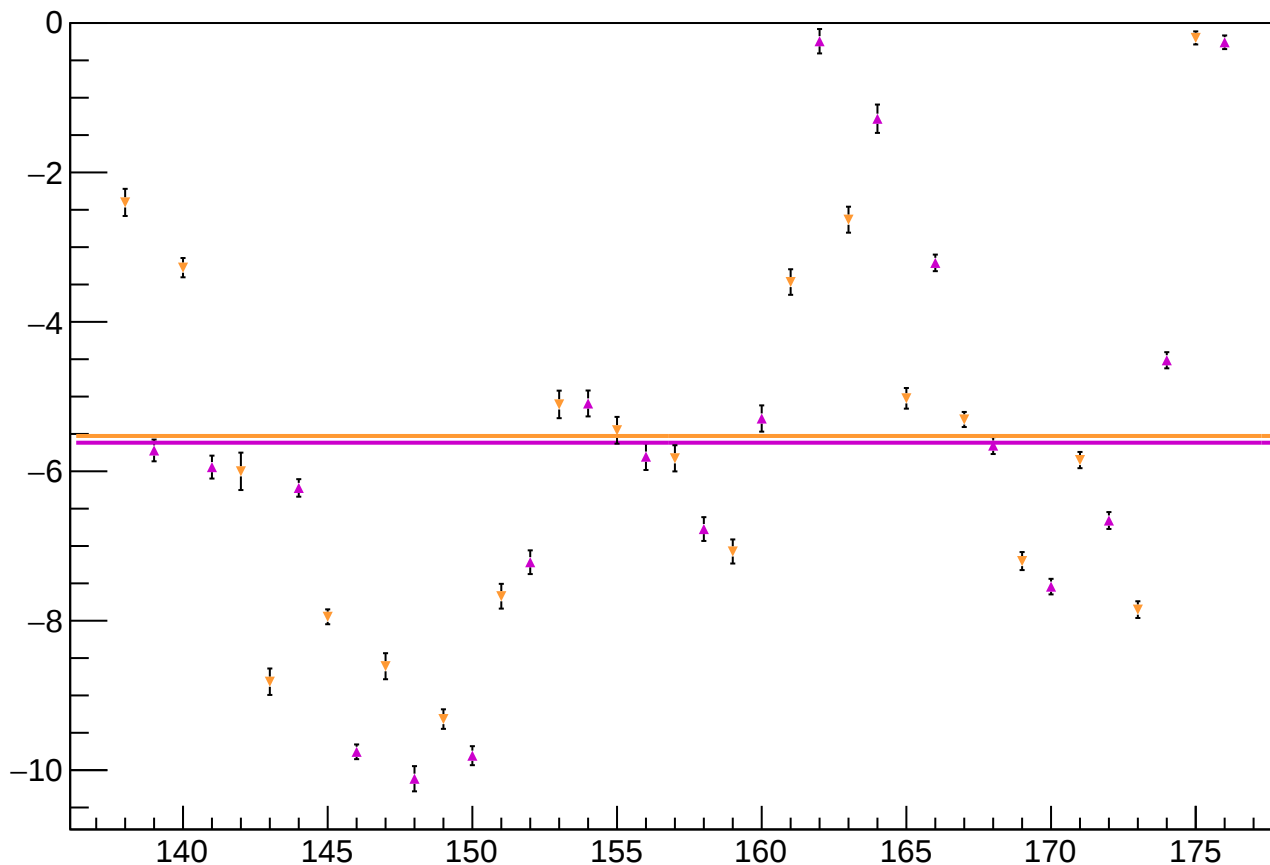
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.009+/-0.023 χ^2/NDF : 5836.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.854+/-0.023 χ^2/NDF : 9435.2/18

Left: -0.931+/-0.016 χ^2/NDF : 15295.0/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.854+/-0.023 χ^2/NDF : 9435.2/18
 Out: -1.009+/-0.023 χ^2/NDF : 5836.9/19

All: -0.931+/-0.016 χ^2/NDF : 15295.0/38

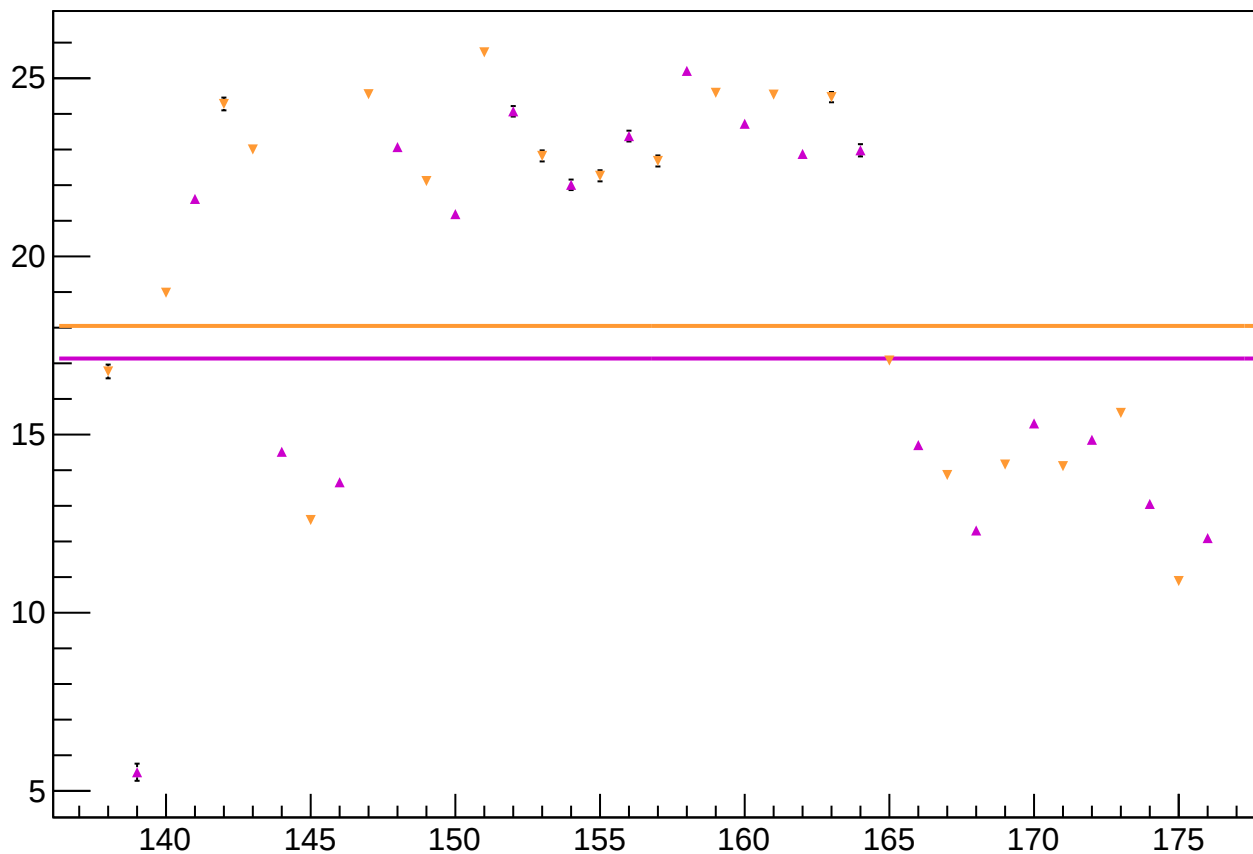
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.527 $\pm$ 0.030 χ^2 /NDF:7736.3/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.617 $\pm$ 0.030 χ^2 /NDF:9815.5/18

Left: -5.574 $\pm$ 0.021 χ^2 /NDF: 17556.3/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.617 $\pm$ 0.030 χ^2 /NDF:9815.5/18
 Out: -5.527 $\pm$ 0.030 χ^2 /NDF:7736.3/19
 All: -5.574 $\pm$ 0.021 χ^2 /NDF: 17556.3/38

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: 18.049+/-0.026 χ^2/NDF :36582.6/19

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

Left In: 17.134+/-0.026 χ^2/NDF :32722.2/18

Left: 17.588+/-0.018 χ^2/NDF : 69926.3/38

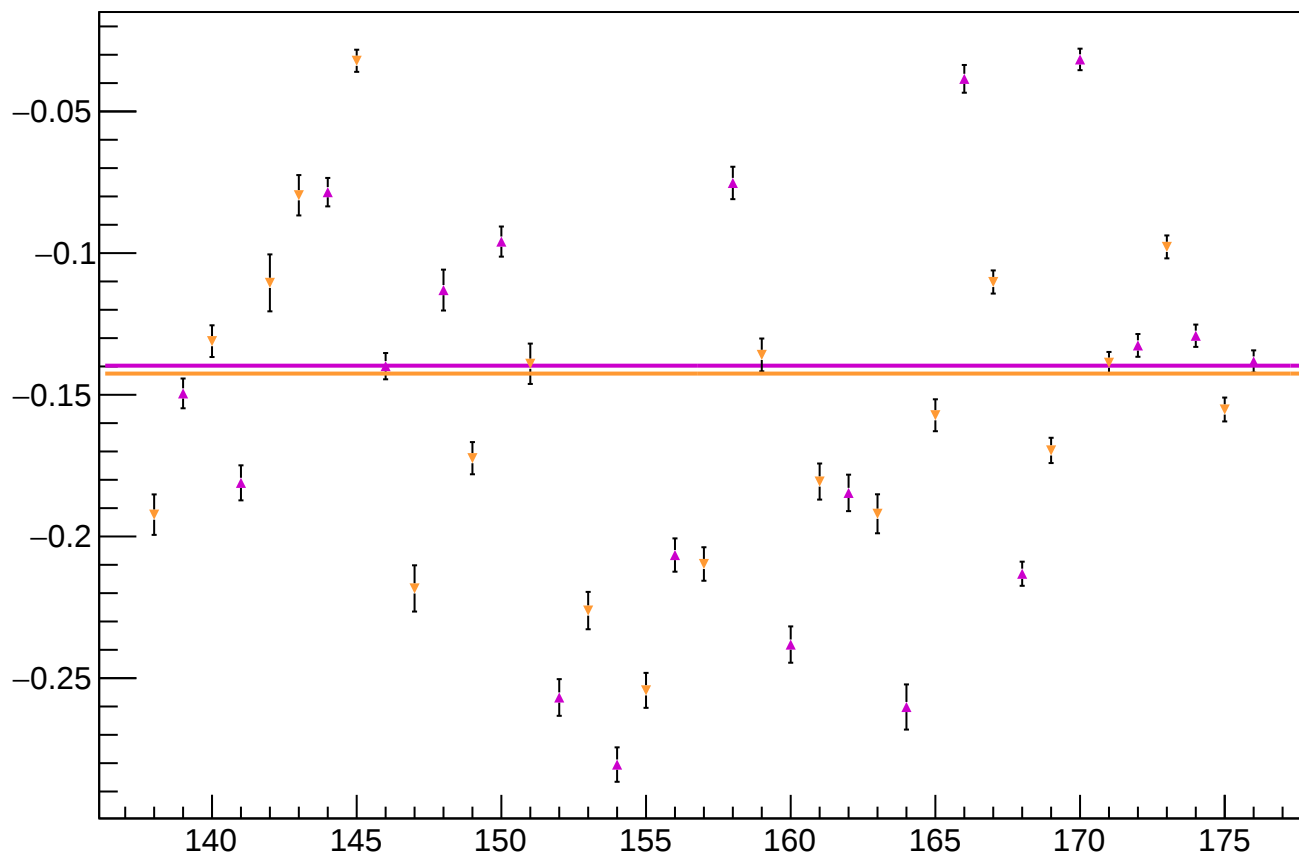
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.134+/-0.026 χ^2/NDF :32722.2/18

Out: 18.049+/-0.026 χ^2/NDF :36582.6/19

All: 17.588+/-0.018 χ^2/NDF : 69926.3/38

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: -0.143+/-0.001 χ^2/NDF :1998.9/19

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

Left In: -0.140+/-0.001 χ^2/NDF :3457.2/18

Left: -0.141+/-0.001 χ^2/NDF : 5458.9/38

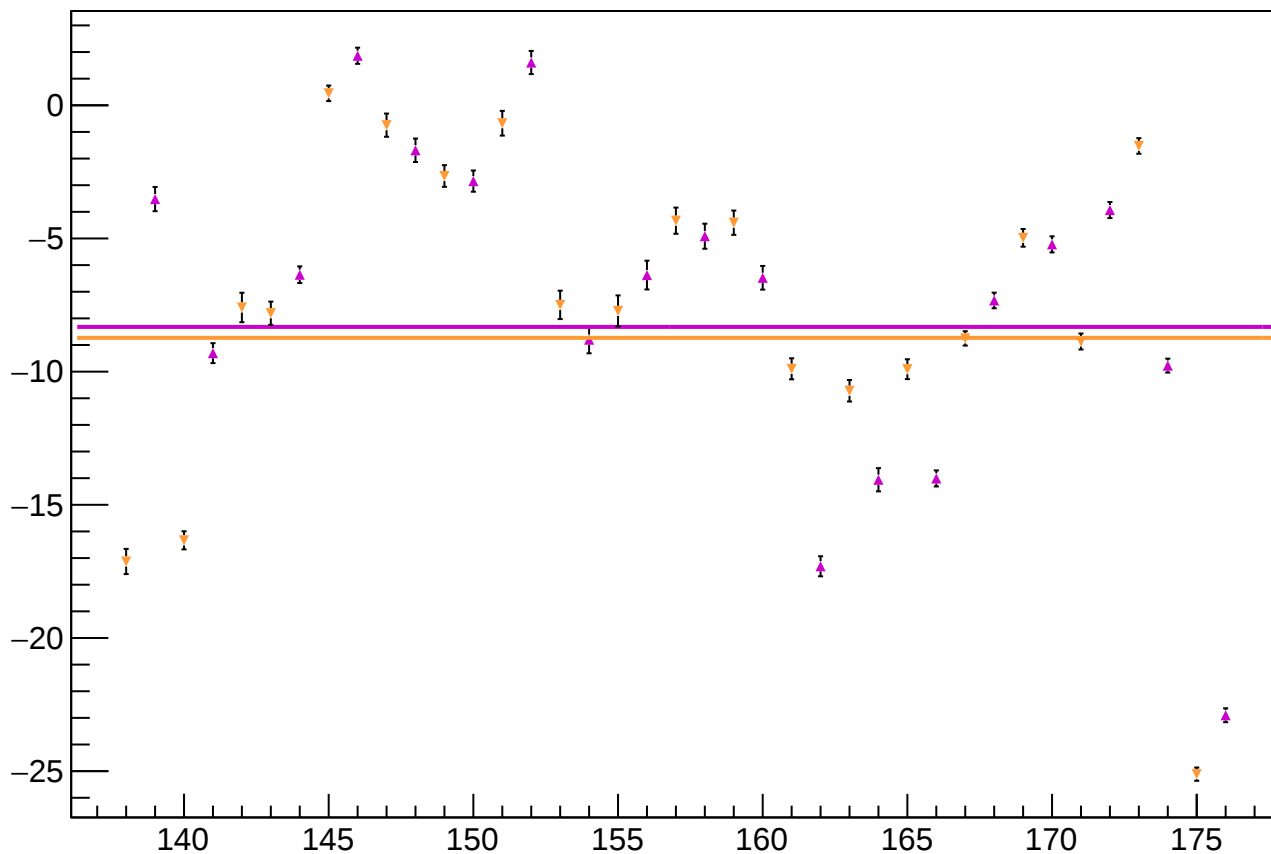
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.140+/-0.001 χ^2/NDF :3457.2/18

Out: -0.143+/-0.001 χ^2/NDF :1998.9/19

All: -0.141+/-0.001 χ^2/NDF : 5458.9/38

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



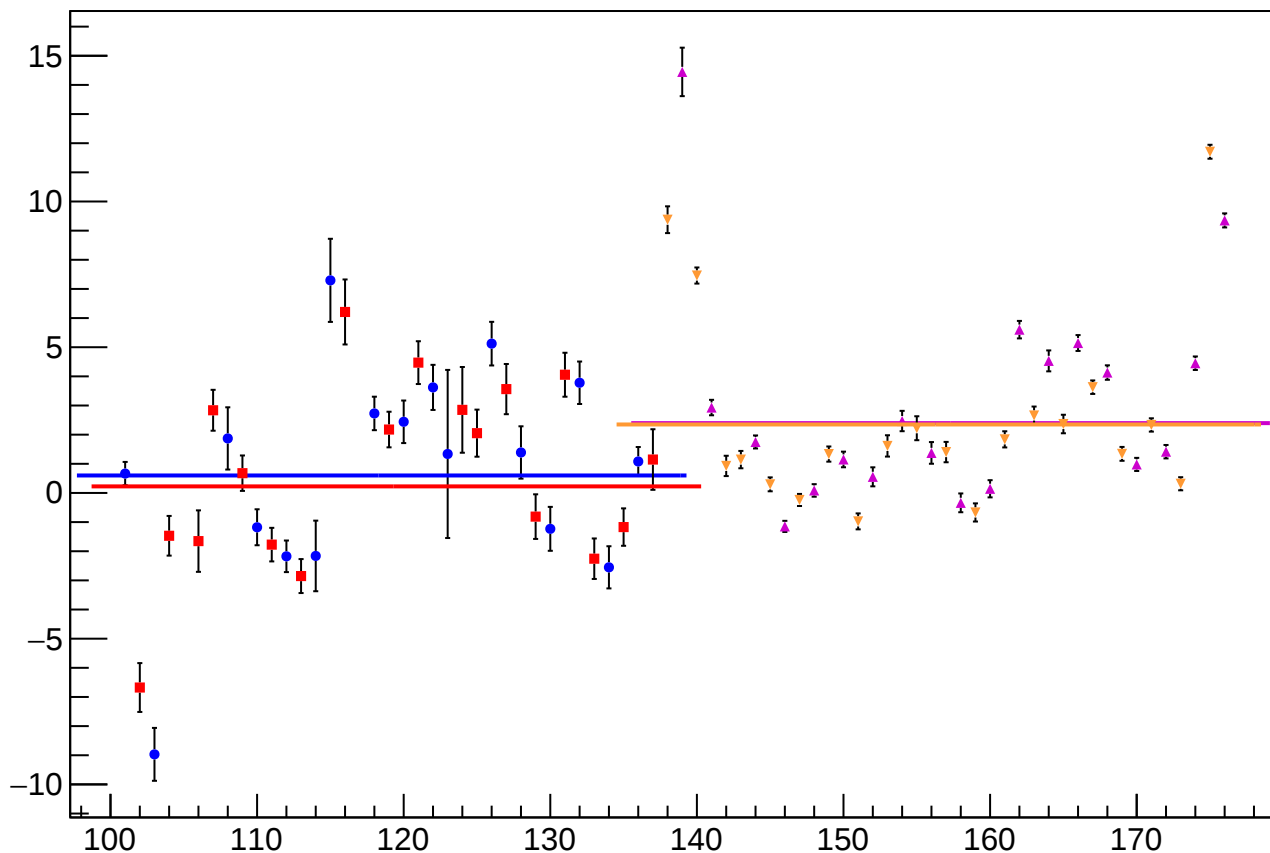
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.731+/-0.083 χ^2/NDF : 7946.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.321+/-0.081 χ^2/NDF : 6879.5/18

Left: -8.522+/-0.058 χ^2/NDF : 14838.2/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.321+/-0.081 χ^2/NDF : 6879.5/18
 Out: -8.731+/-0.083 χ^2/NDF : 7946.1/19

All: -8.522+/-0.058 χ^2/NDF : 14838.2/38

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: 2.349 ± 0.061 χ^2/NDF : 2773.3/19

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 2.396 ± 0.061 χ^2/NDF : 2140.1/18

Left: 2.373 ± 0.043 χ^2/NDF : 4913.7/38

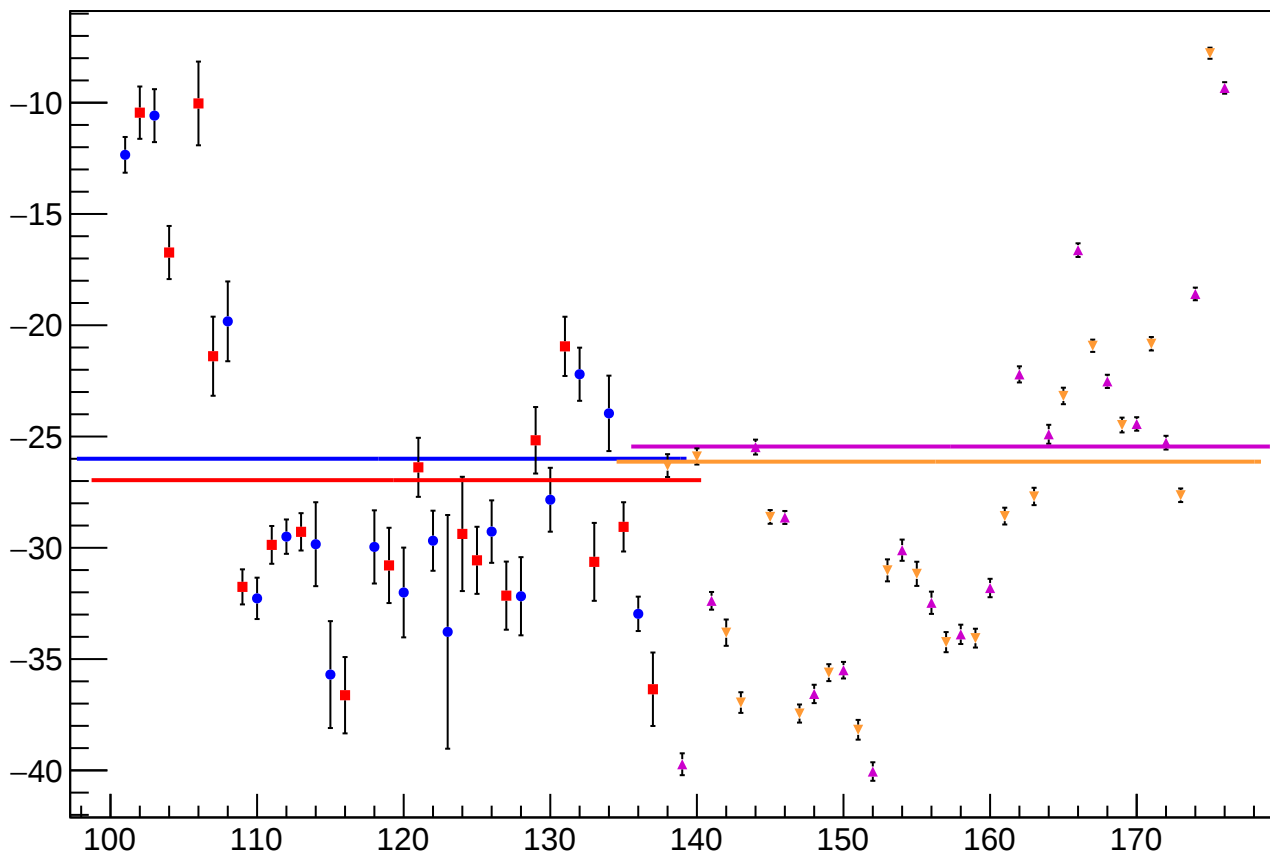
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 2.188 ± 0.058 χ^2/NDF : 2531.7/35

Out: 2.115 ± 0.058 χ^2/NDF : 3177.9/37

All: 2.152 ± 0.041 χ^2/NDF : 5710.4/73

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: -26.129 ± 0.083 χ^2/NDF : 10003.2/19
 Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17
 Left In: -25.449 ± 0.081 χ^2/NDF : 10340.5/18

Left: -25.781 ± 0.058 χ^2/NDF : 20378.3/38

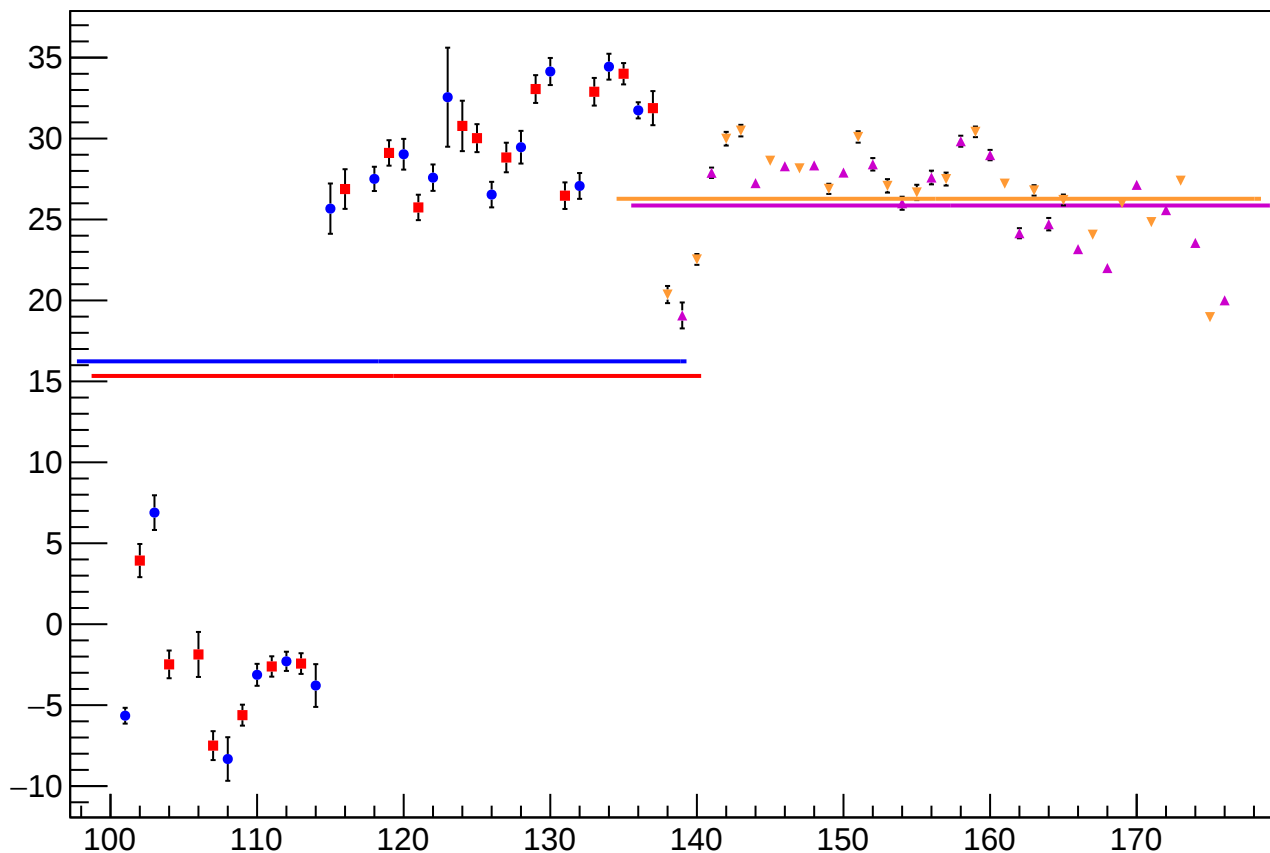
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -25.486 ± 0.078 χ^2/NDF : 11036.2/35

Out: -26.188 ± 0.080 χ^2/NDF : 10545.8/37

All: -25.830 ± 0.056 χ^2/NDF : 21621.7/73

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: 26.280 $\pm$ 0.070 χ^2 /NDF:1865.9/19

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.864 $\pm$ 0.070 χ^2 /NDF:1575.7/18

Left: 26.070 $\pm$ 0.049 χ^2 /NDF: 3459.3/38

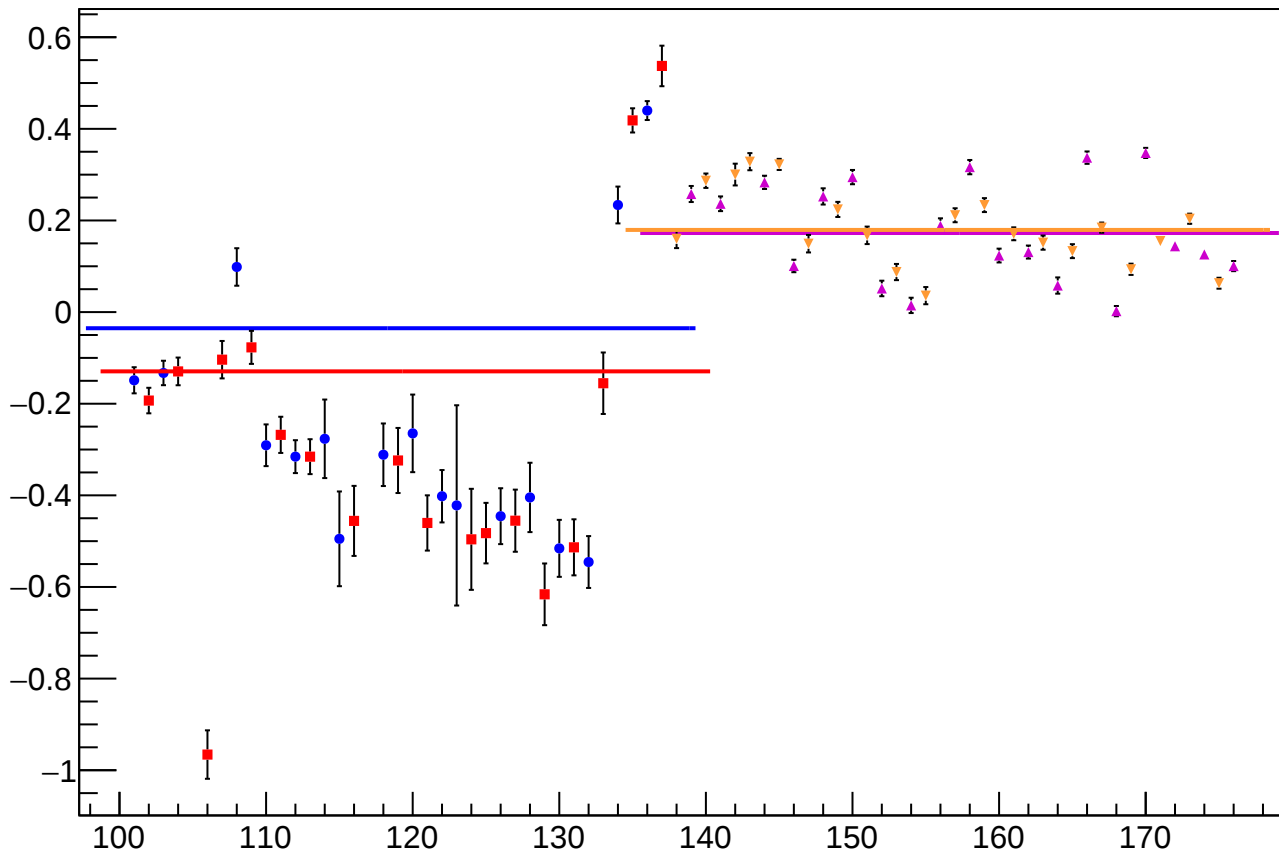
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.737 $\pm$ 0.065 χ^2 /NDF:11389.7/35

Out: 25.050 $\pm$ 0.066 χ^2 /NDF:11861.0/37

All: 24.892 $\pm$ 0.047 χ^2 /NDF: 23262.1/73

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: 0.179 ± 0.003 χ^2/NDF : 555.3/19

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.173 ± 0.003 χ^2/NDF : 1193.4/18

Left: 0.176 ± 0.002 χ^2/NDF : 1750.8/38

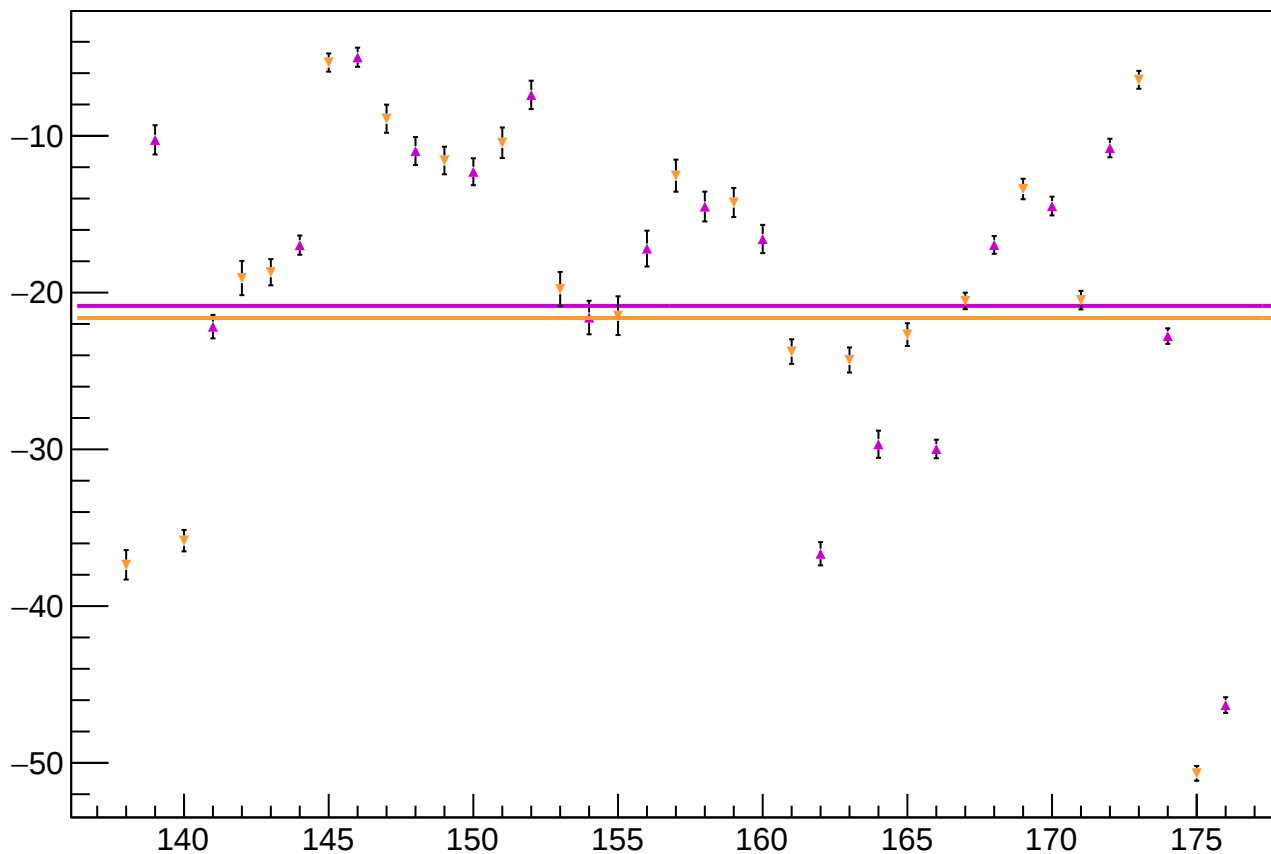
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.155 ± 0.003 χ^2/NDF : 2577.5/35

Out: 0.152 ± 0.003 χ^2/NDF : 2520.7/37

All: 0.153 ± 0.002 χ^2/NDF : 5098.6/73

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: -21.620 ± 0.164 χ^2/NDF : 6762.5/19

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

Left In: -20.848 ± 0.160 χ^2/NDF : 5213.8/18

Left: -21.225 ± 0.115 χ^2/NDF : 11987.7/38

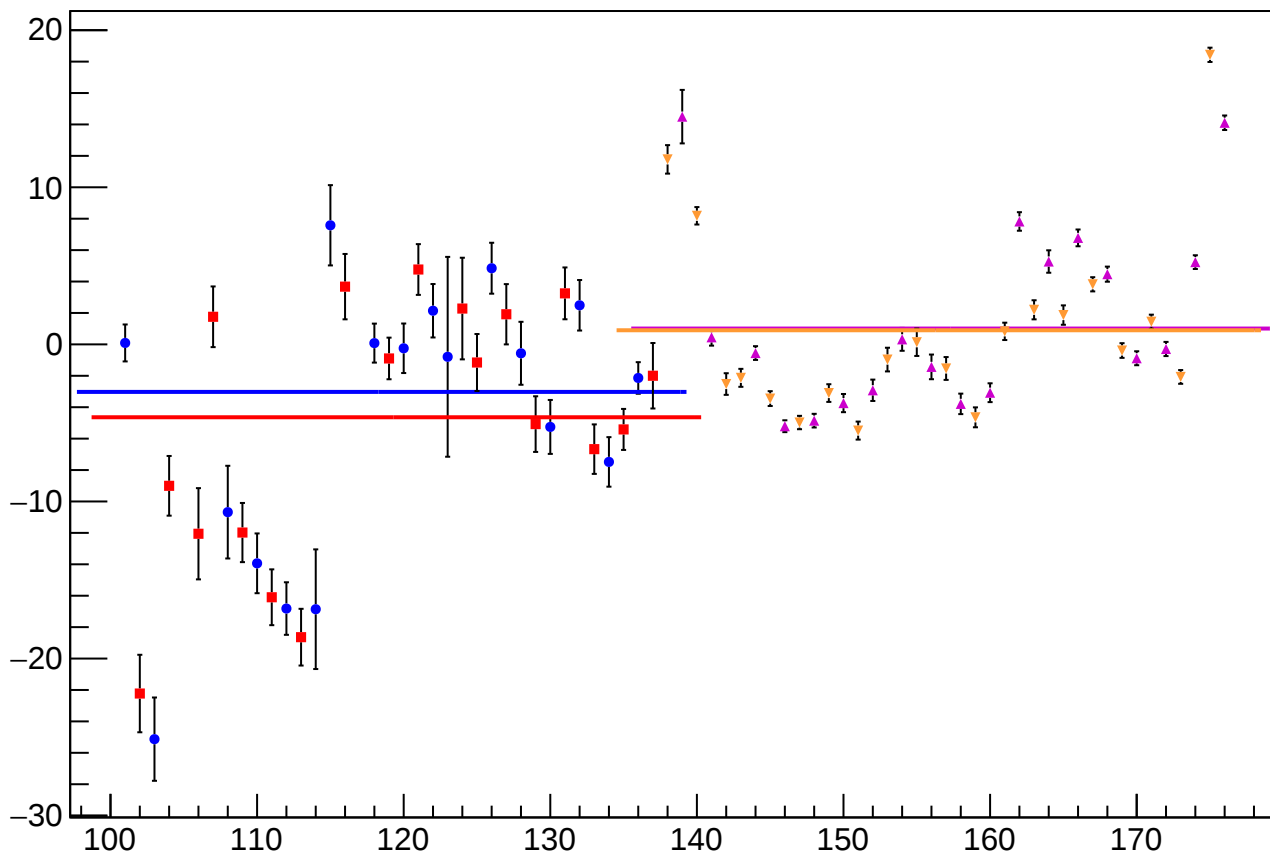
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -20.848 ± 0.160 χ^2/NDF : 5213.8/18

Out: -21.620 ± 0.164 χ^2/NDF : 6762.5/19

All: -21.225 ± 0.115 χ^2/NDF : 11987.7/38

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: 0.898 ± 0.123 χ^2/NDF : 2501.9/19

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 1.008 ± 0.121 χ^2/NDF : 2002.8/18

Left: 0.953 ± 0.086 χ^2/NDF : 4505.0/38

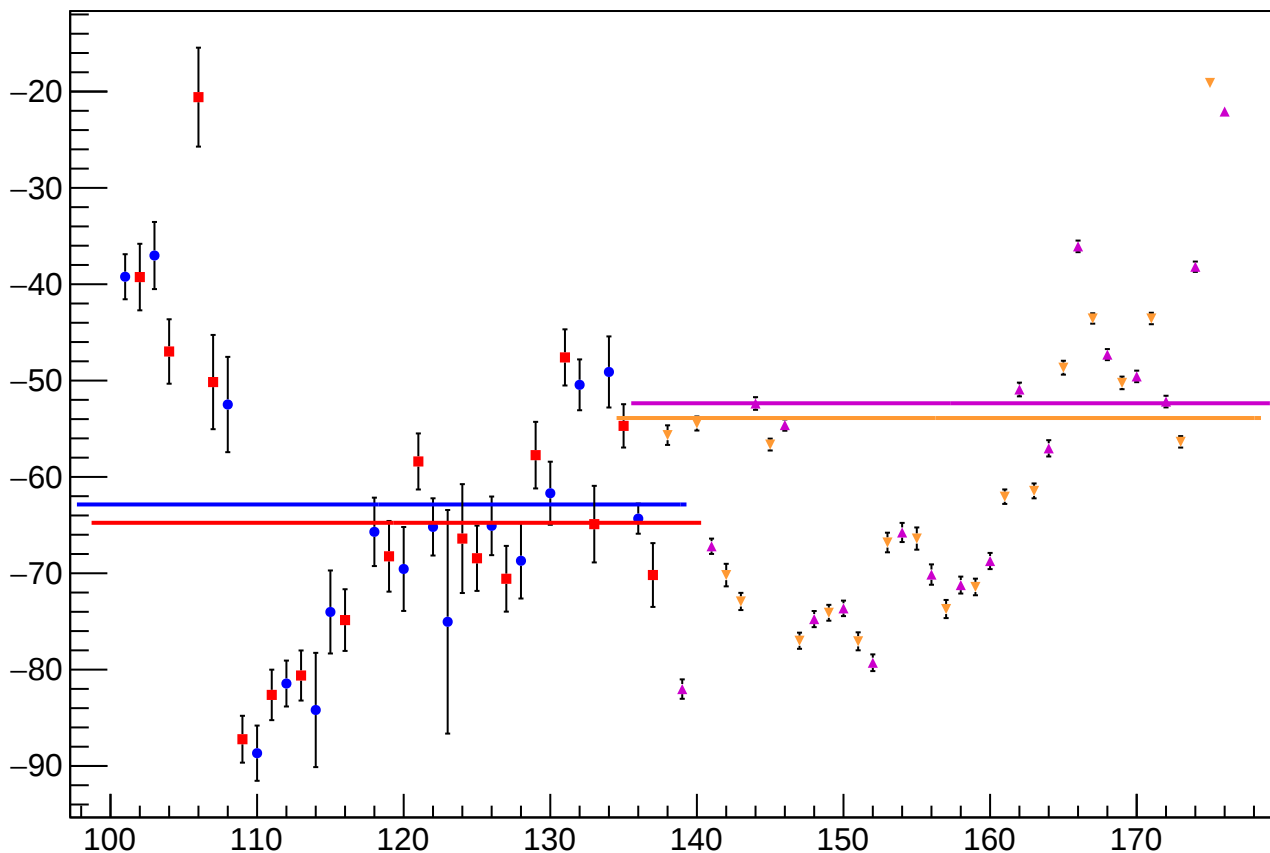
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 0.679 ± 0.116 χ^2/NDF : 2373.1/35

Out: 0.475 ± 0.118 χ^2/NDF : 2952.4/37

All: 0.578 ± 0.083 χ^2/NDF : 5327.0/73

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$
 Left Out: -53.885 ± 0.165 $\chi^2/\text{NDF}: 10120.9/19$
 Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$
 Left In: -52.354 ± 0.160 $\chi^2/\text{NDF}: 10203.2/18$

Left: -53.100 ± 0.115 $\chi^2/\text{NDF}: 20368.5/38$

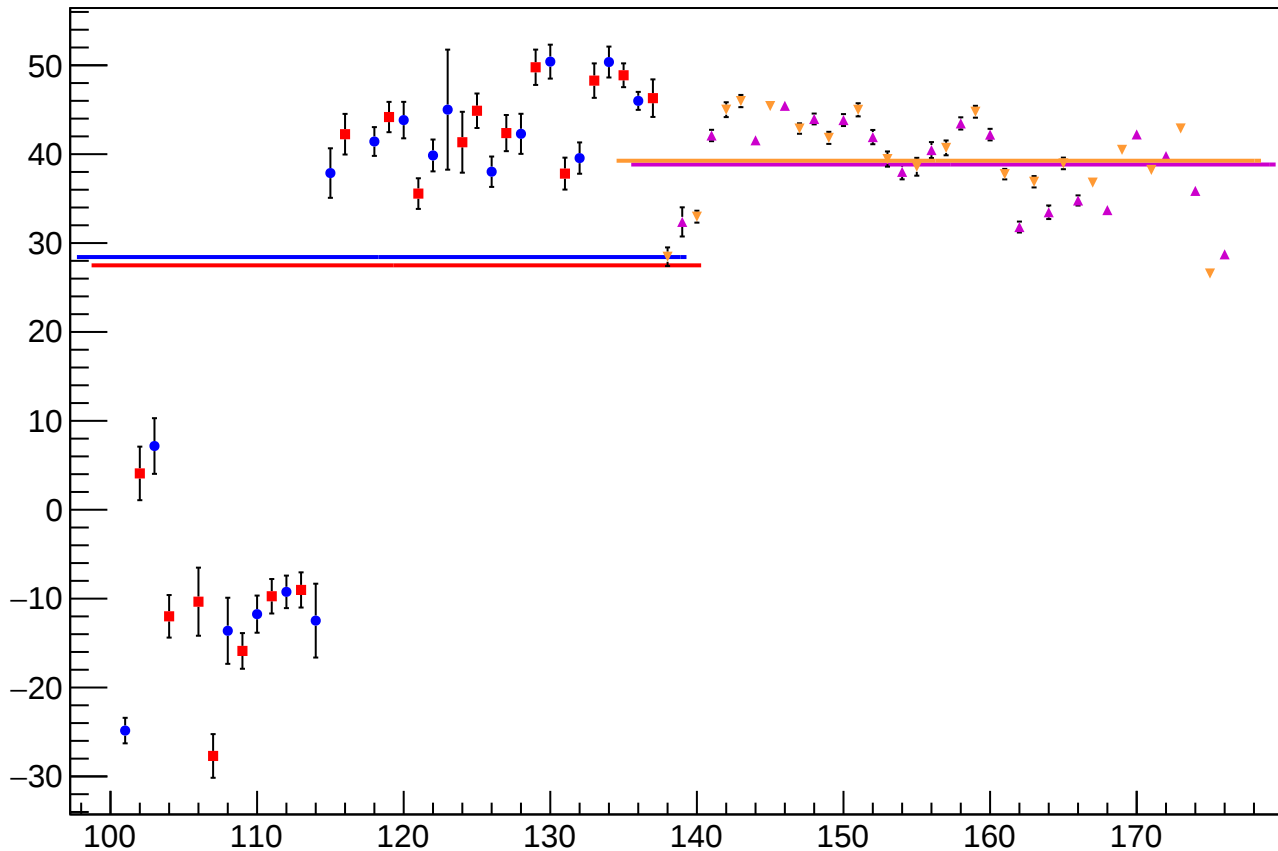
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -52.826 ± 0.157 $\chi^2/\text{NDF}: 10763.9/35$

Out: -54.382 ± 0.161 $\chi^2/\text{NDF}: 10736.1/37$

All: -53.584 ± 0.112 $\chi^2/\text{NDF}: 21548.0/73$

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: 39.262 $\pm$ 0.140 χ^2 /NDF:1466.0/19

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 38.836 $\pm$ 0.138 χ^2 /NDF:1301.7/18

Left: 39.047 $\pm$ 0.098 χ^2 /NDF: 2772.4/38

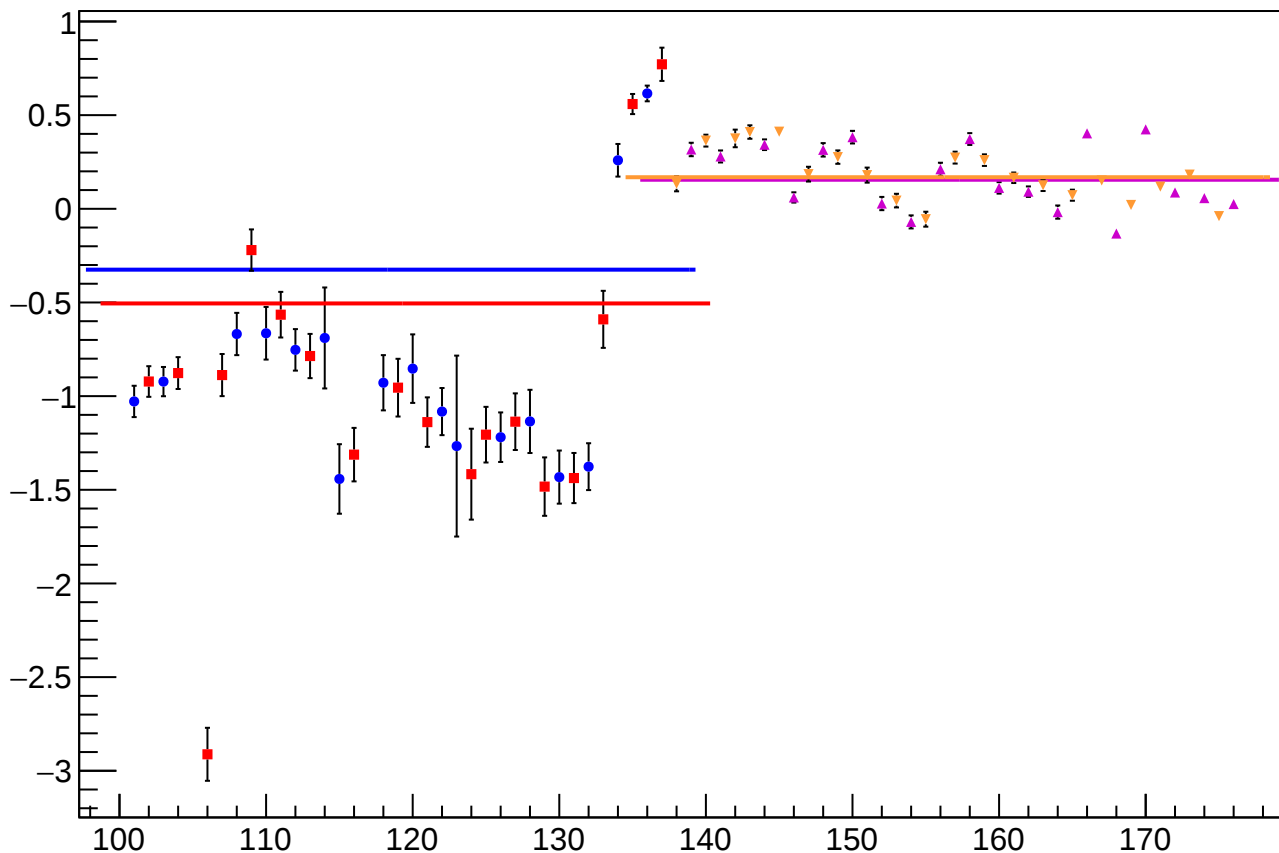
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 37.965 $\pm$ 0.132 χ^2 /NDF:5097.9/35

Out: 38.338 $\pm$ 0.134 χ^2 /NDF:5050.7/37

All: 38.149 $\pm$ 0.094 χ^2 /NDF: 10152.5/73

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: 0.169 ± 0.007 χ^2/NDF : 415.9/19

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.155 ± 0.006 χ^2/NDF : 776.8/18

Left: 0.162 ± 0.005 χ^2/NDF : 1194.9/38

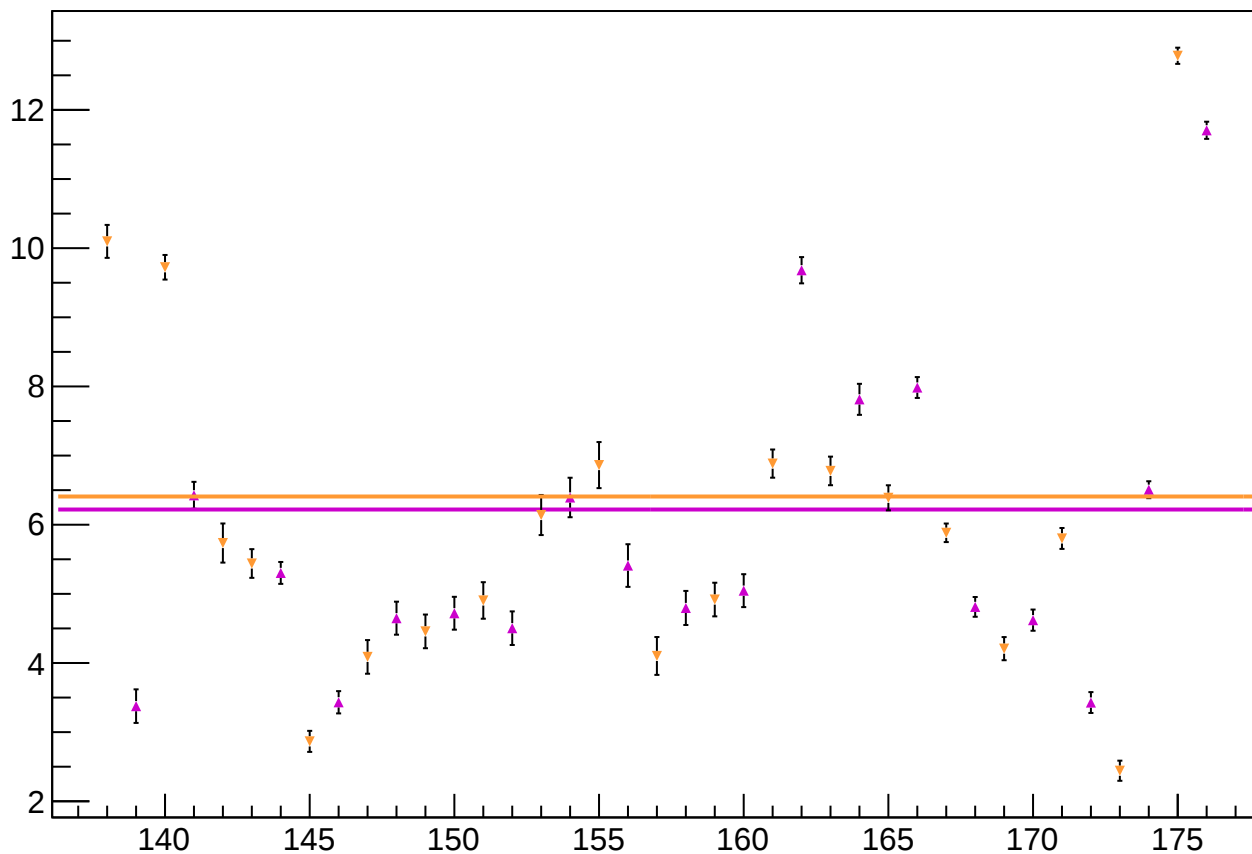
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.126 ± 0.006 χ^2/NDF : 2137.3/35

Out: 0.128 ± 0.006 χ^2/NDF : 2221.9/37

All: 0.127 ± 0.004 χ^2/NDF : 4359.3/73

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: 6.408 $\pm$ 0.042 χ^2 /NDF:5371.0/19

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

Left In: 6.220 $\pm$ 0.041 χ^2 /NDF:3693.8/18

Left: 6.312 $\pm$ 0.029 χ^2 /NDF: 9074.9/38

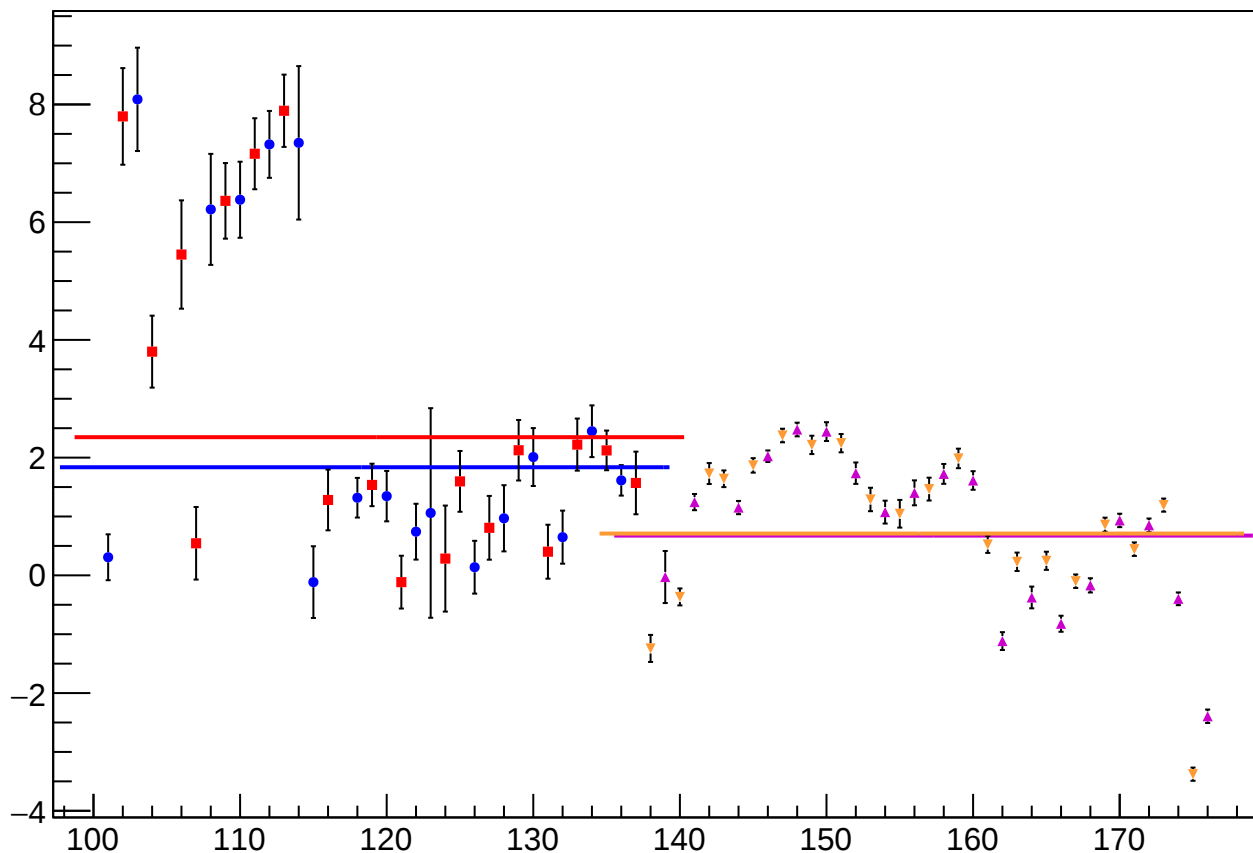
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 6.220 $\pm$ 0.041 χ^2 /NDF:3693.8/18

Out: 6.408 $\pm$ 0.042 χ^2 /NDF:5371.0/19

All: 6.312 $\pm$ 0.029 χ^2 /NDF: 9074.9/38

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 0.710 $\pm$ 0.032 χ^2 /NDF:2198.2/19

Right Out: 2.347 $\pm$ 0.123 χ^2 /NDF: 329.8/17

Left In: 0.675 $\pm$ 0.031 χ^2 /NDF:1882.2/18

Left: 0.692 $\pm$ 0.022 χ^2 /NDF: 4081.0/38

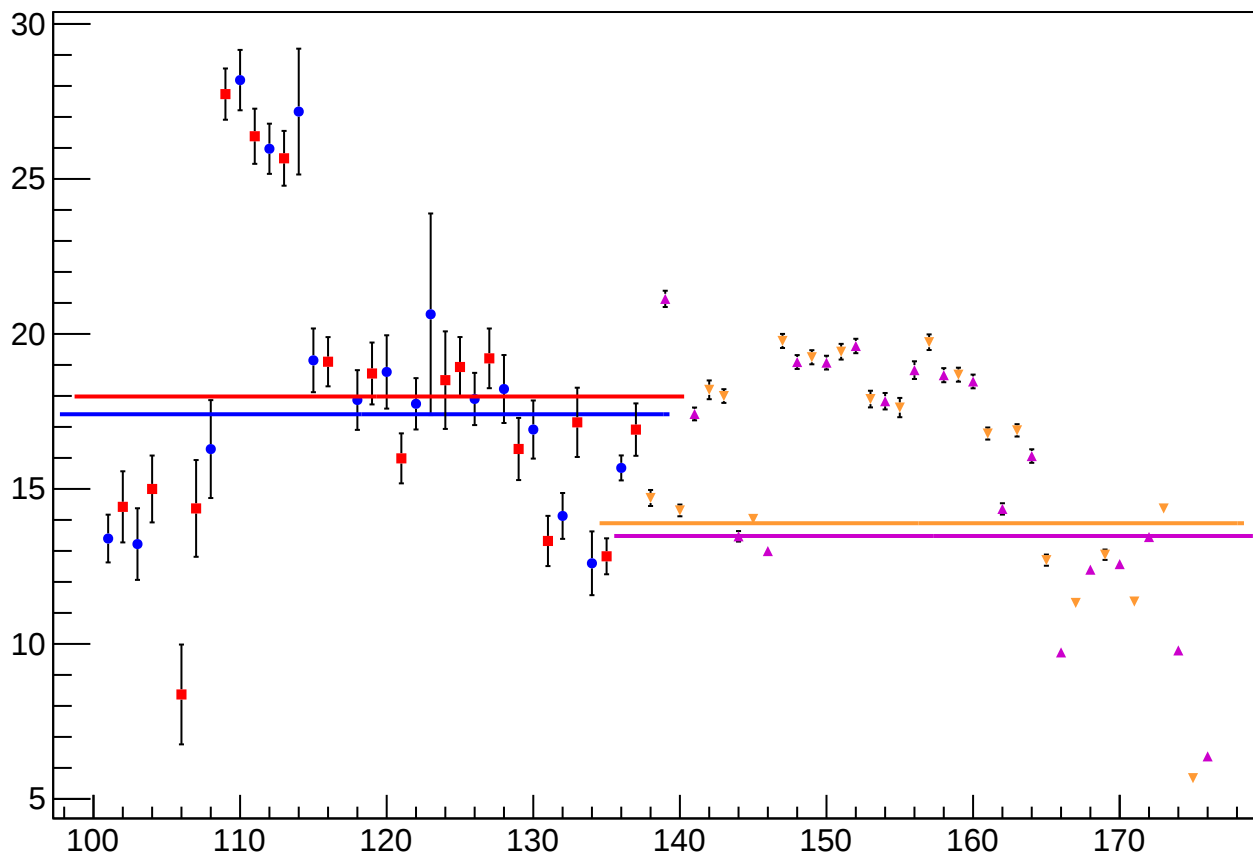
Right: 2.078 $\pm$ 0.084 χ^2 /NDF: 633.0/34

In: 0.754 $\pm$ 0.030 χ^2 /NDF:2269.5/35

Out: 0.813 $\pm$ 0.031 χ^2 /NDF:2695.2/37

All: 0.783 $\pm$ 0.022 χ^2 /NDF: 4966.6/73

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: 13.894 $\pm$ 0.042 χ^2 /NDF:9684.1/19

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 13.482 $\pm$ 0.041 χ^2 /NDF:9792.6/18

Left: 13.682 $\pm$ 0.030 χ^2 /NDF: 19525.1/38

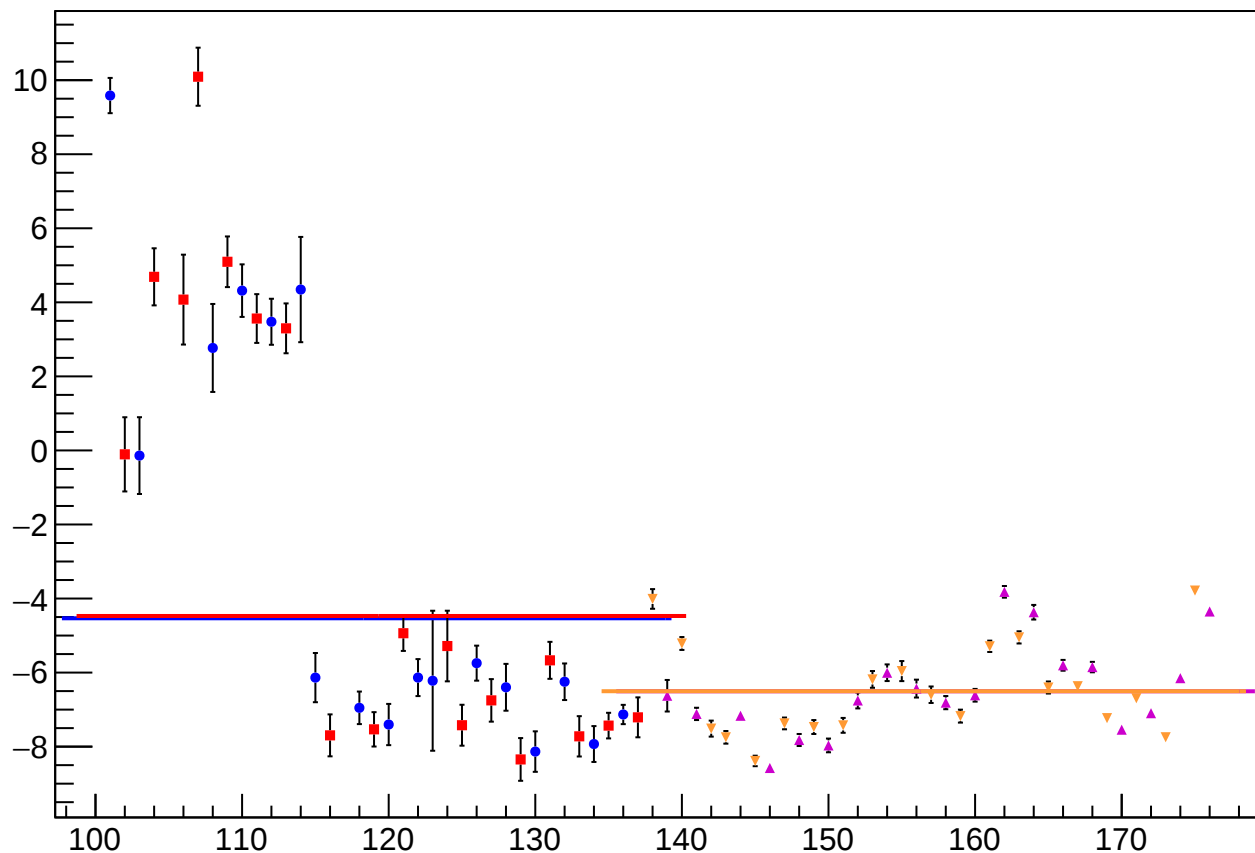
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 13.625 $\pm$ 0.041 χ^2 /NDF:10488.5/35

Out: 14.041 $\pm$ 0.042 χ^2 /NDF:10509.8/37

All: 13.827 $\pm$ 0.029 χ^2 /NDF: 21049.5/73

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: -6.503 ± 0.036 χ^2/NDF : 1304.2/19

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.505 ± 0.036 χ^2/NDF : 1314.3/18

Left: -6.504 ± 0.025 χ^2/NDF : 2618.4/38

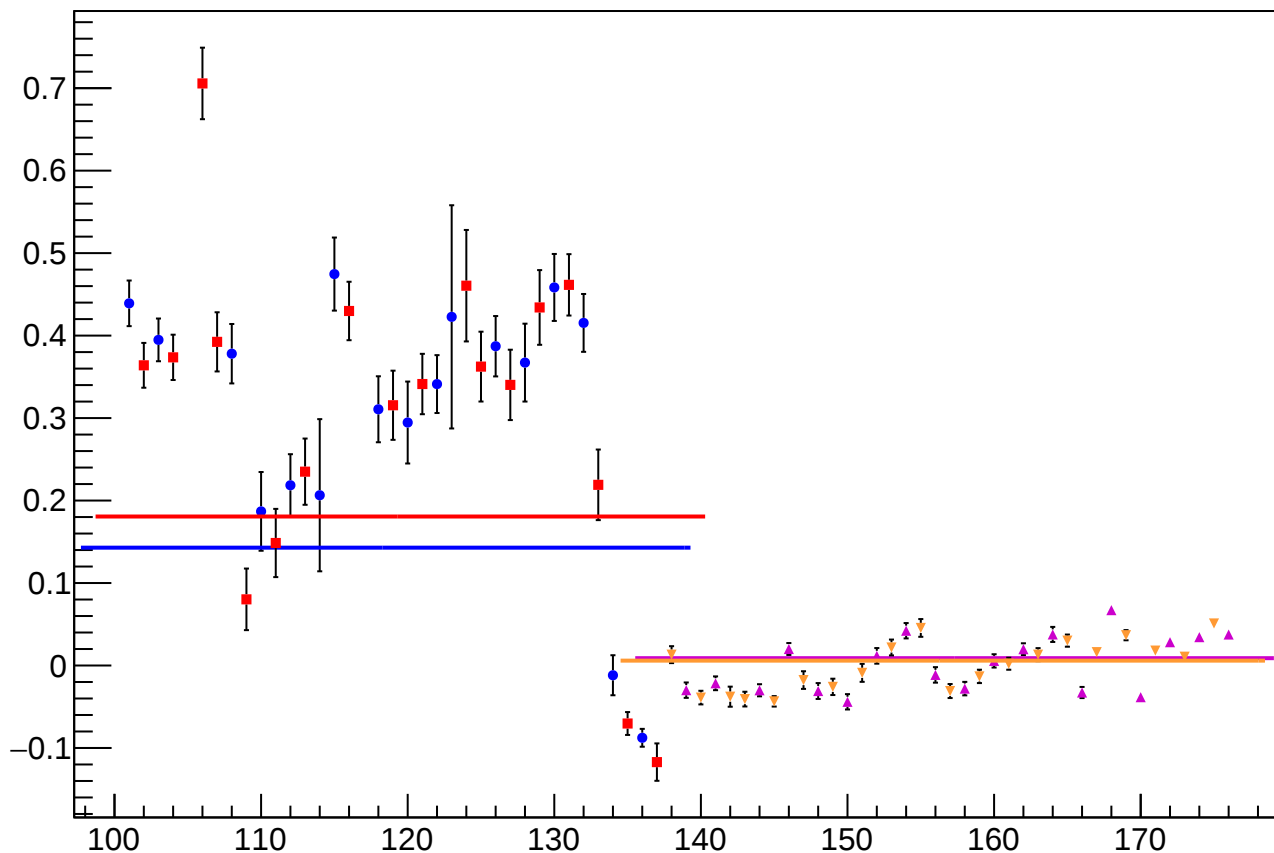
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.367 ± 0.034 χ^2/NDF : 3117.7/35

Out: -6.372 ± 0.035 χ^2/NDF : 2849.5/37

All: -6.369 ± 0.024 χ^2/NDF : 5967.2/73

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: 0.006 ± 0.002 $\chi^2/\text{NDF}: 298.6/19$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 452.3/18$

Left: 0.007 ± 0.001 $\chi^2/\text{NDF}: 752.6/38$

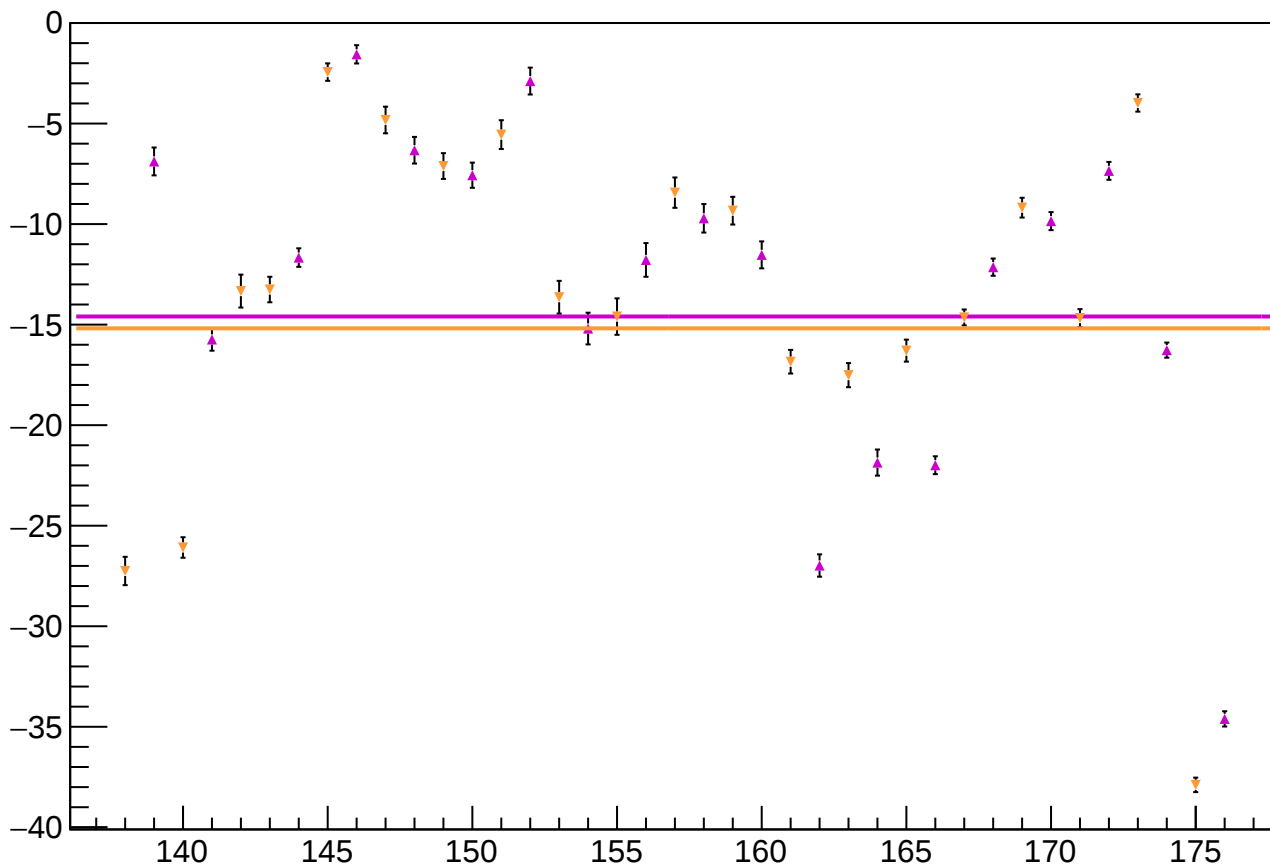
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.016 ± 0.002 $\chi^2/\text{NDF}: 1853.8/35$

Out: 0.014 ± 0.002 $\chi^2/\text{NDF}: 1832.3/37$

All: 0.015 ± 0.001 $\chi^2/\text{NDF}: 3686.3/73$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



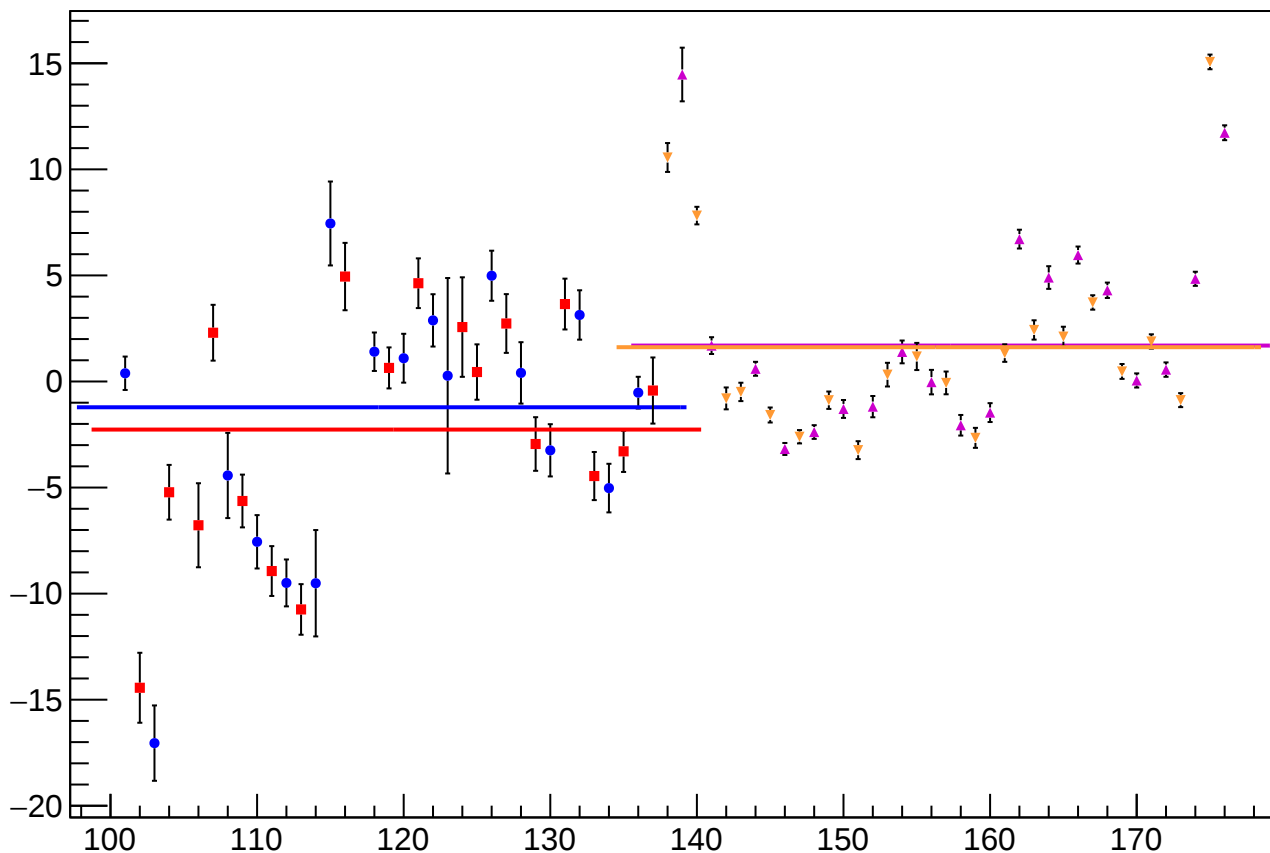
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.184+/-0.123 χ^2/NDF : 7190.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.596+/-0.120 χ^2/NDF : 5767.9/18

Left: -14.883+/-0.086 χ^2/NDF : 12969.9/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.596+/-0.120 χ^2/NDF : 5767.9/18
 Out: -15.184+/-0.123 χ^2/NDF : 7190.3/19

All: -14.883+/-0.086 χ^2/NDF : 12969.9/38

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: 1.616 ± 0.092 χ^2/NDF : 2596.8/19

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 1.693 ± 0.091 χ^2/NDF : 2045.6/18

Left: 1.655 ± 0.065 χ^2/NDF : 4642.8/38

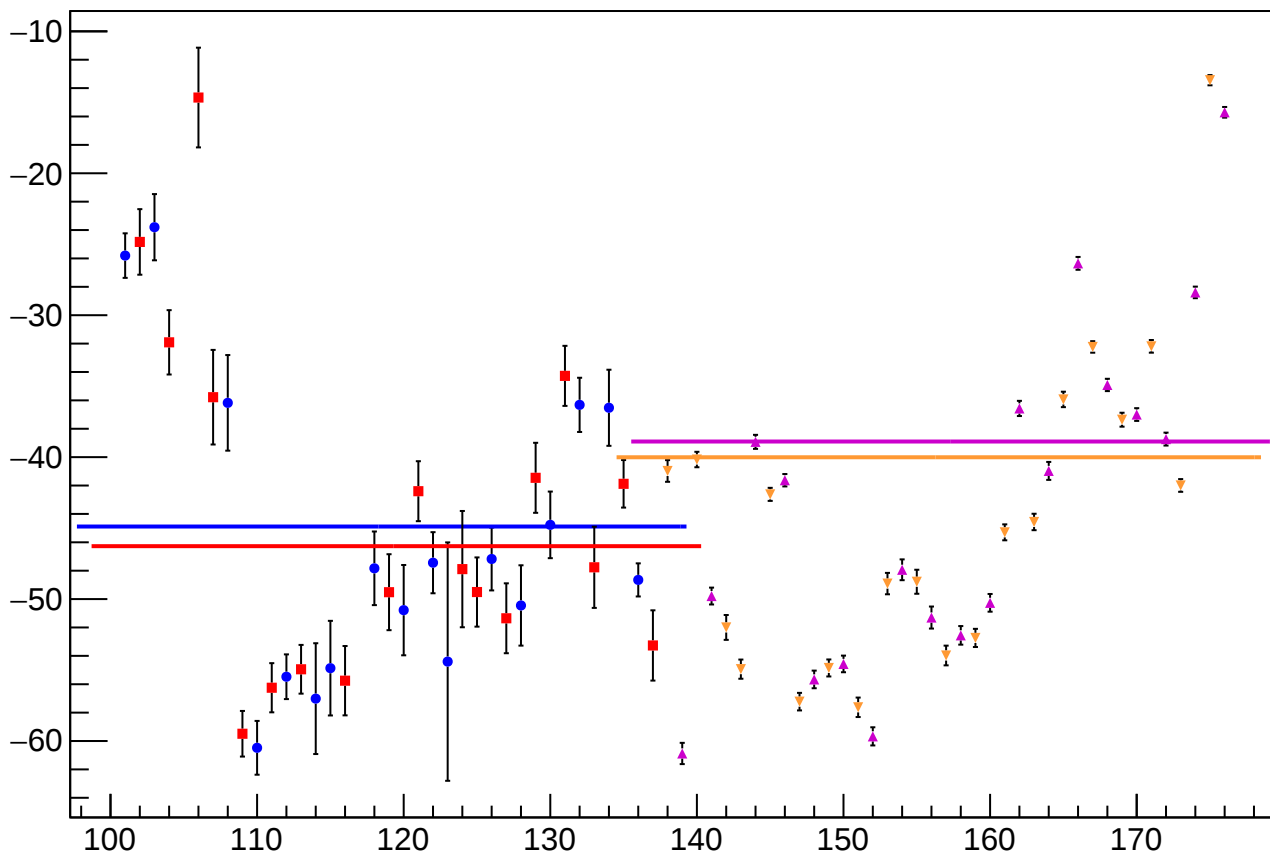
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 1.434 ± 0.087 χ^2/NDF : 2415.7/35

Out: 1.289 ± 0.088 χ^2/NDF : 3031.7/37

All: 1.362 ± 0.062 χ^2/NDF : 5448.7/73

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -40.009 ± 0.123 $\chi^2/\text{NDF}: 10143.3/19$
 Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$
 Left In: -38.899 ± 0.120 $\chi^2/\text{NDF}: 10280.7/18$

Left: -39.440 ± 0.086 $\chi^2/\text{NDF}: 20465.6/38$

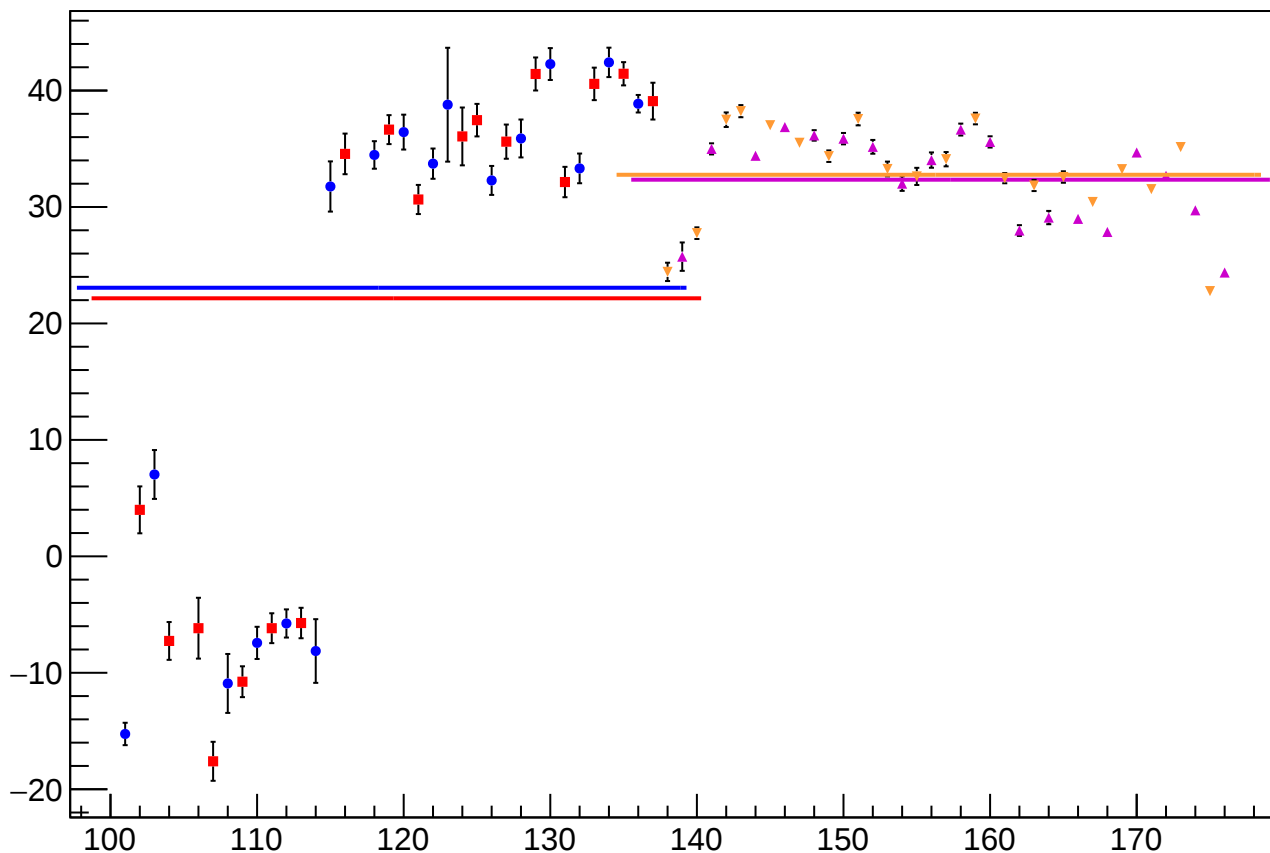
Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$

In: -39.199 ± 0.117 $\chi^2/\text{NDF}: 10825.5/35$

Out: -40.331 ± 0.120 $\chi^2/\text{NDF}: 10696.6/37$

All: -39.751 ± 0.084 $\chi^2/\text{NDF}: 21567.7/73$

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: 32.767 $\pm$ 0.104 χ^2 /NDF:1573.6/19

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 32.344 $\pm$ 0.104 χ^2 /NDF:1360.4/18

Left: 32.554 $\pm$ 0.074 χ^2 /NDF: 2942.3/38

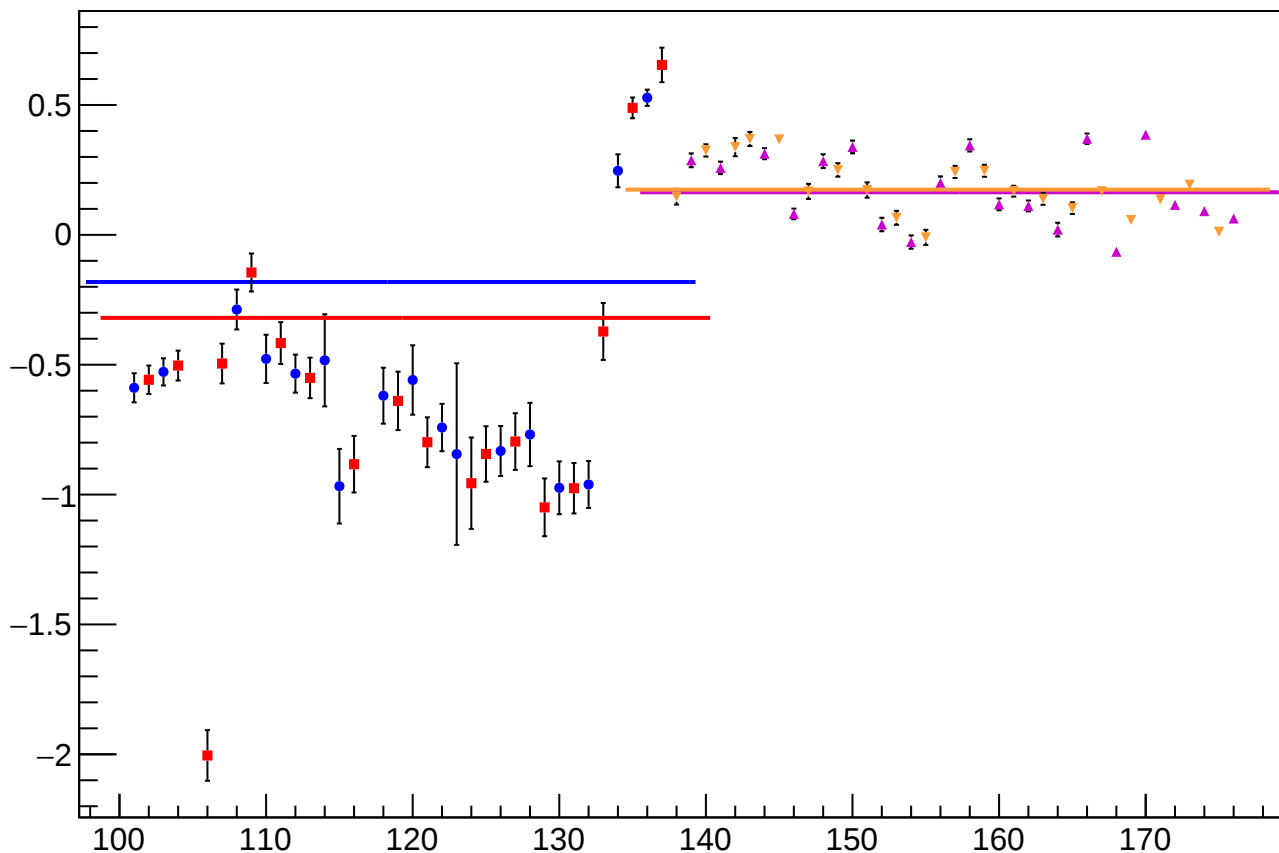
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.496 $\pm$ 0.099 χ^2 /NDF:6427.4/35

Out: 31.852 $\pm$ 0.100 χ^2 /NDF:6488.5/37

All: 31.672 $\pm$ 0.070 χ^2 /NDF: 12922.3/73

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: 0.174 ± 0.005 χ^2/NDF : 461.0/19

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.164 ± 0.005 χ^2/NDF : 908.6/18

Left: 0.169 ± 0.003 χ^2/NDF : 1371.9/38

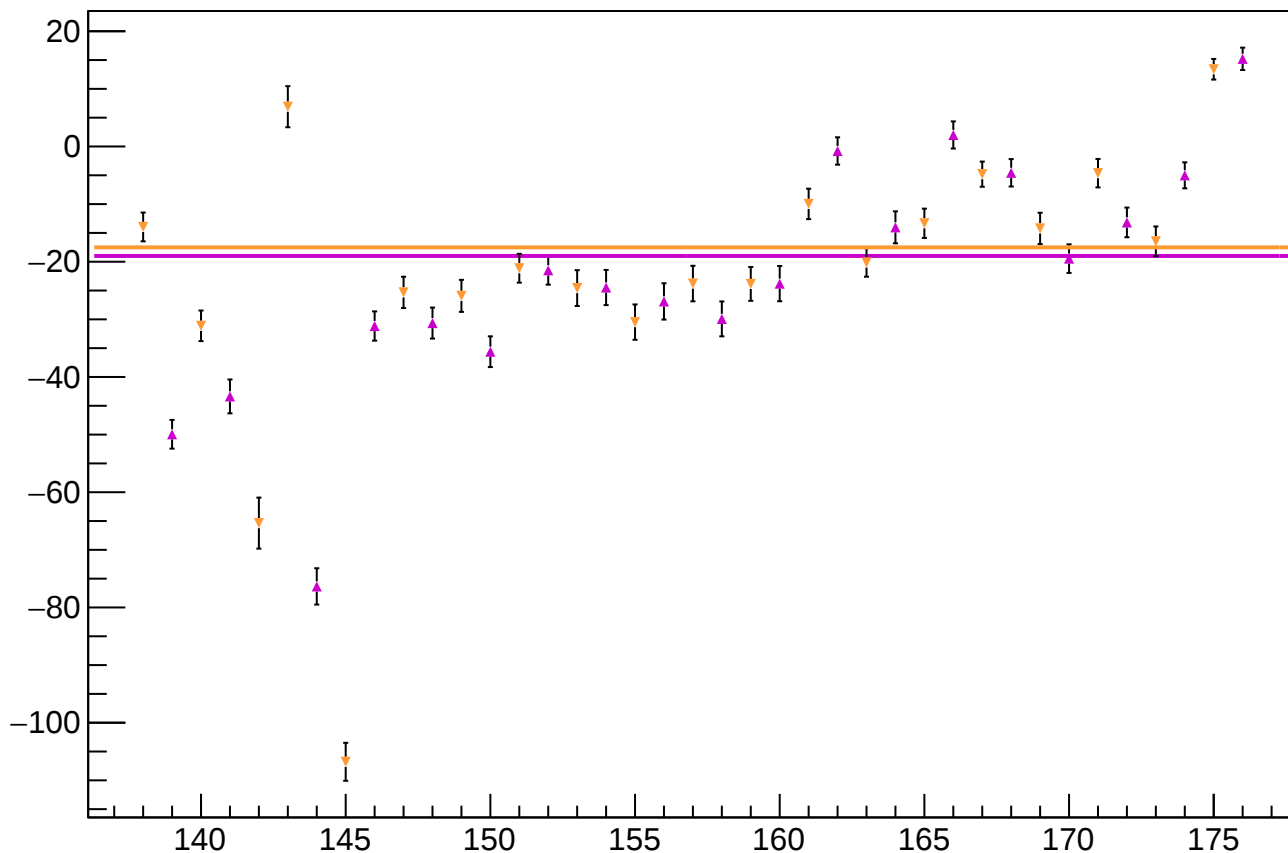
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.141 ± 0.005 χ^2/NDF : 2259.8/35

Out: 0.141 ± 0.005 χ^2/NDF : 2324.6/37

All: 0.141 ± 0.003 χ^2/NDF : 4584.4/73

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -17.506 ± 0.596 χ^2/NDF : 1350.4/19

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

Left In: -18.996 ± 0.594 χ^2/NDF : 1194.7/18

Left: -18.254 ± 0.421 χ^2/NDF : 2548.3/38

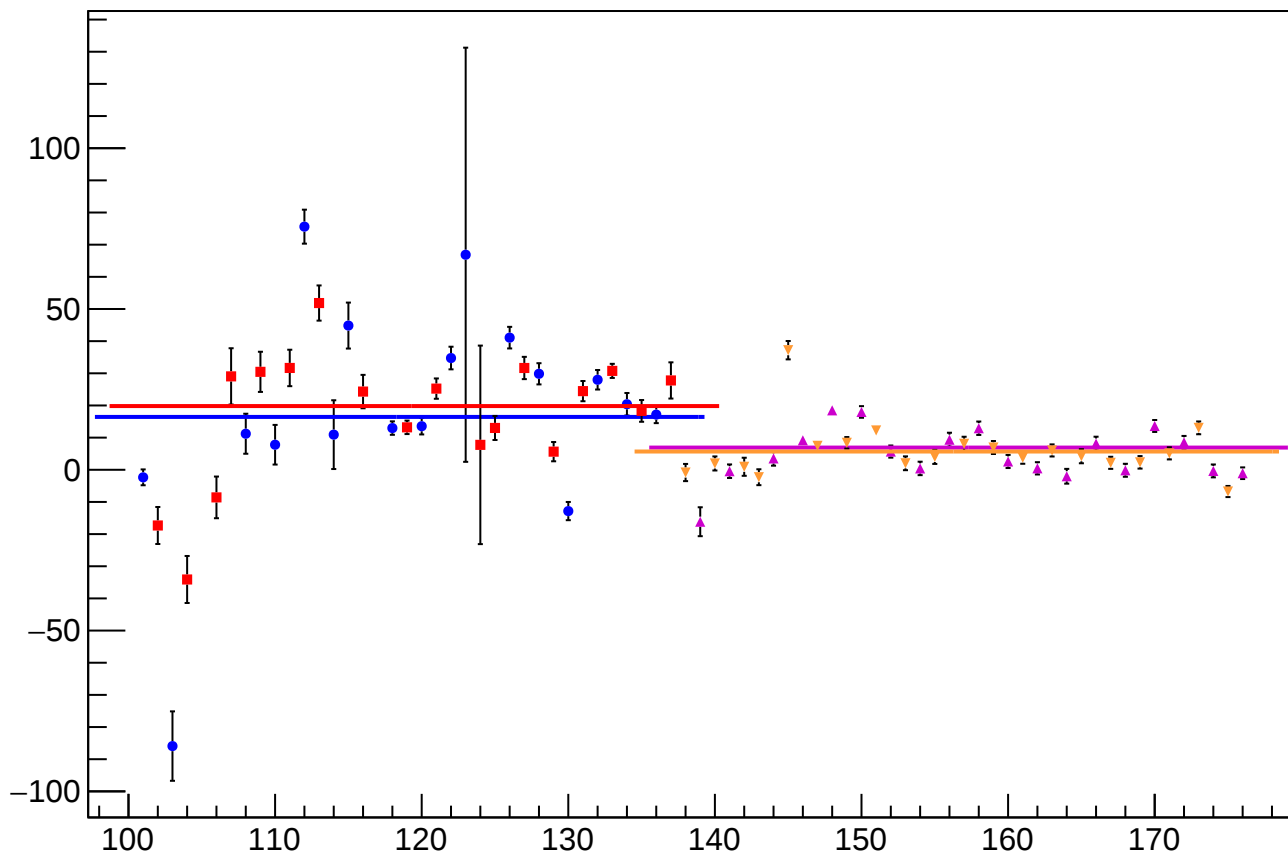
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -18.996 ± 0.594 χ^2/NDF : 1194.7/18

Out: -17.506 ± 0.596 χ^2/NDF : 1350.4/19

All: -18.254 ± 0.421 χ^2/NDF : 2548.3/38

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: 5.681 $\pm$ 0.437 χ^2 /NDF: 247.8/19

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 6.904 $\pm$ 0.446 χ^2 /NDF: 268.5/18

Left: 6.280 $\pm$ 0.312 χ^2 /NDF: 520.2/38

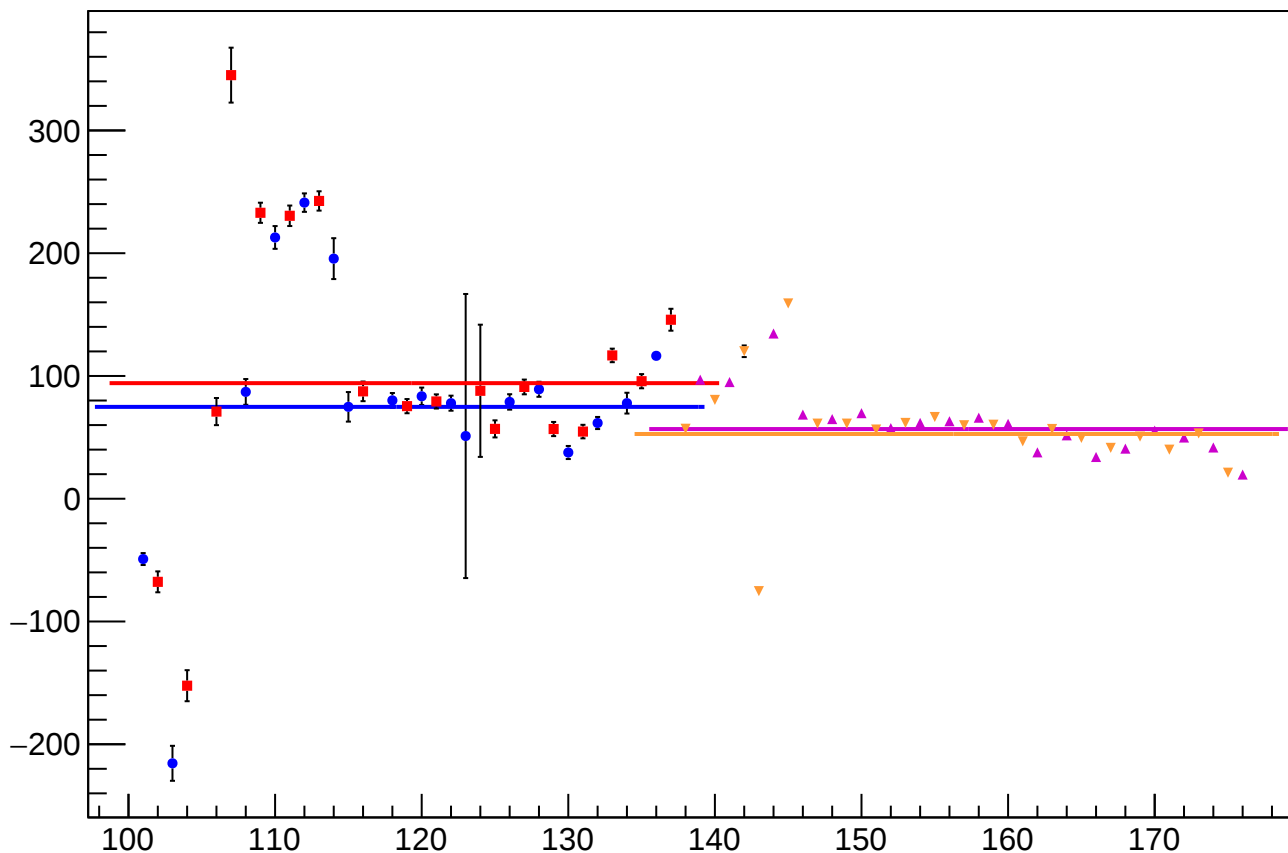
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 8.965 $\pm$ 0.395 χ^2 /NDF: 884.5/35

Out: 8.378 $\pm$ 0.393 χ^2 /NDF: 686.2/37

All: 8.670 $\pm$ 0.278 χ^2 /NDF: 1571.7/73

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 52.734 $\pm$ 0.589 χ^2 /NDF: 2845.5/19

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 56.767 $\pm$ 0.587 χ^2 /NDF: 1612.6/18

Left: 54.759 $\pm$ 0.416 χ^2 /NDF: 4481.7/38

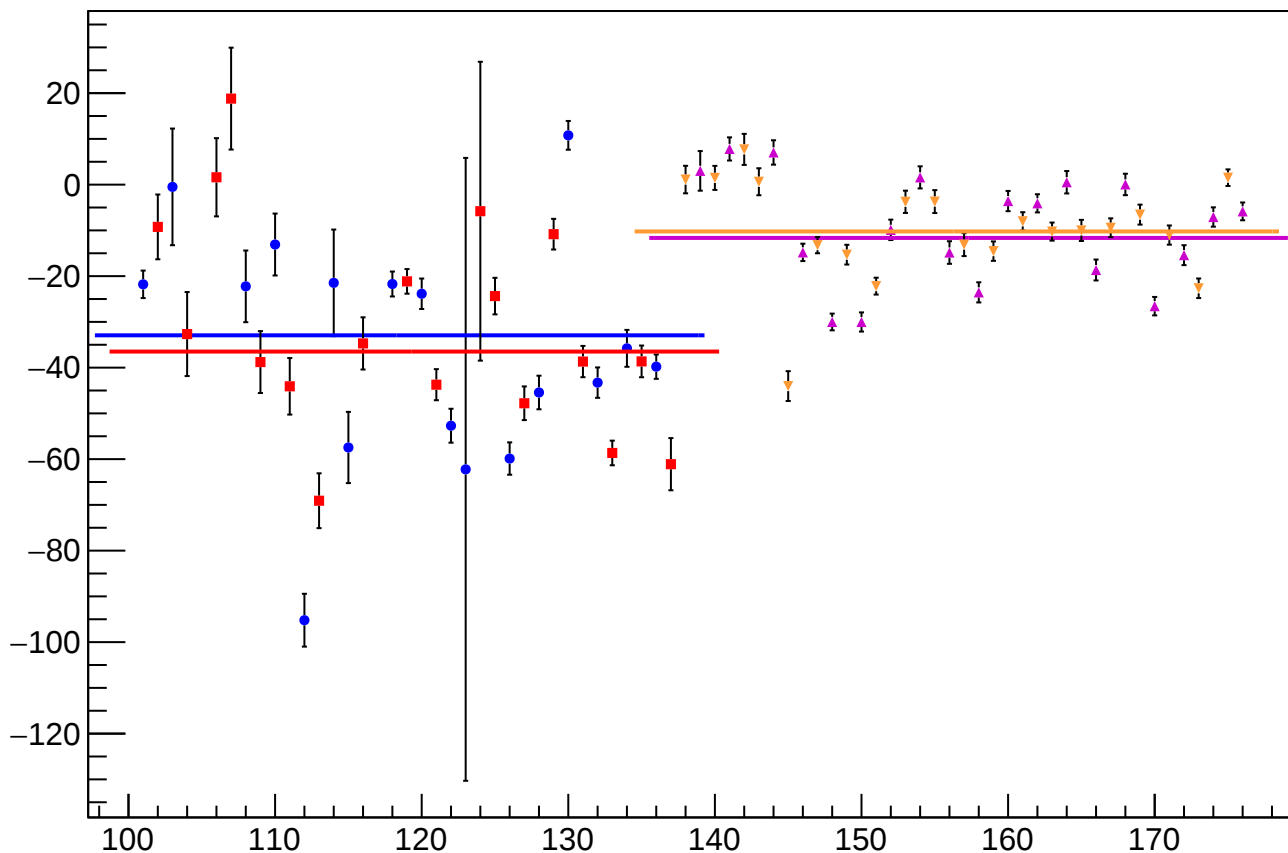
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 58.820 $\pm$ 0.552 χ^2 /NDF: 3717.0/35

Out: 57.086 $\pm$ 0.558 χ^2 /NDF: 5333.7/37

All: 57.961 $\pm$ 0.392 χ^2 /NDF: 9055.6/73

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.233 ± 0.501 χ^2/NDF : 332.9/19

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.649 ± 0.510 χ^2/NDF : 520.5/18

Left: -10.929 ± 0.358 χ^2/NDF : 857.3/38

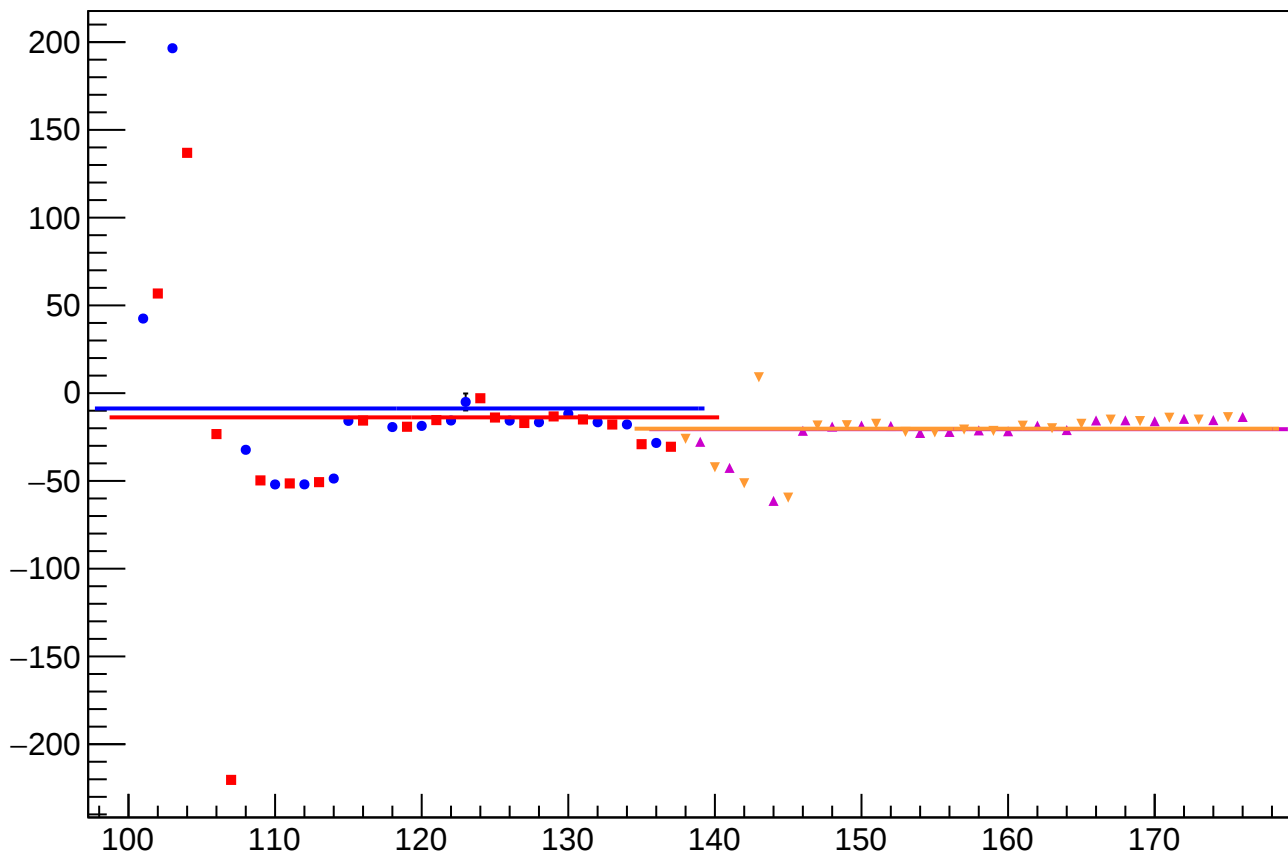
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -16.236 ± 0.452 χ^2/NDF : 1386.4/35

Out: -15.288 ± 0.451 χ^2/NDF : 1154.2/37

All: -15.761 ± 0.319 χ^2/NDF : 2542.8/73

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -20.246 ± 0.023 $\chi^2/\text{NDF}: 204903.4/19$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -20.527 ± 0.023 $\chi^2/\text{NDF}: 137542.4/18$

Left: -20.388 ± 0.016 $\chi^2/\text{NDF}: 342519.7/38$

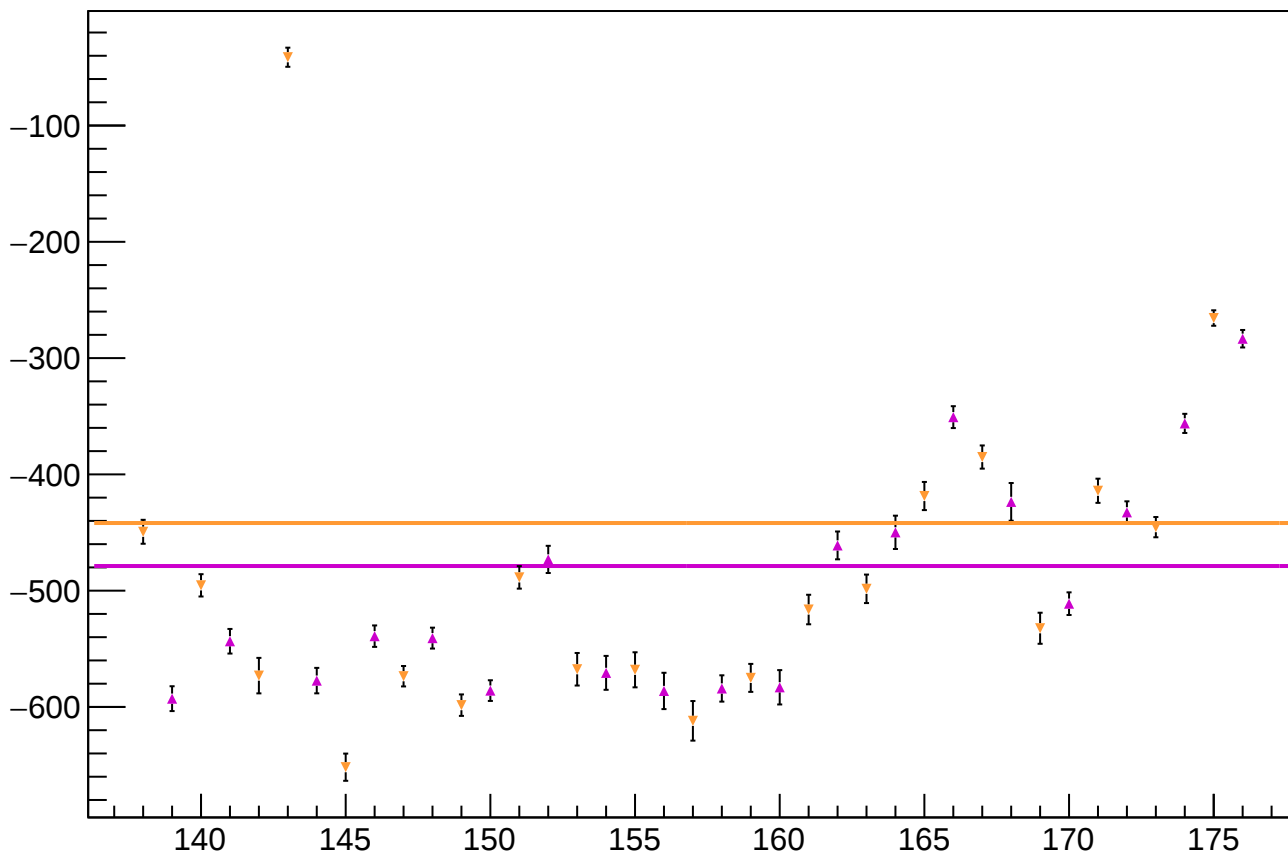
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -18.972 ± 0.021 $\chi^2/\text{NDF}: 748291.4/35$

Out: -19.448 ± 0.022 $\chi^2/\text{NDF}: 763748.7/37$

All: -19.205 ± 0.015 $\chi^2/\text{NDF}: 1512283.0/73$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -441.822 ± 2.342 $\chi^2/\text{NDF}: 4556.0/19$

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

Left In: -478.805 ± 2.408 $\chi^2/\text{NDF}: 1827.1/18$

Left: -459.805 ± 1.679 $\chi^2/\text{NDF}: 6504.3/38$

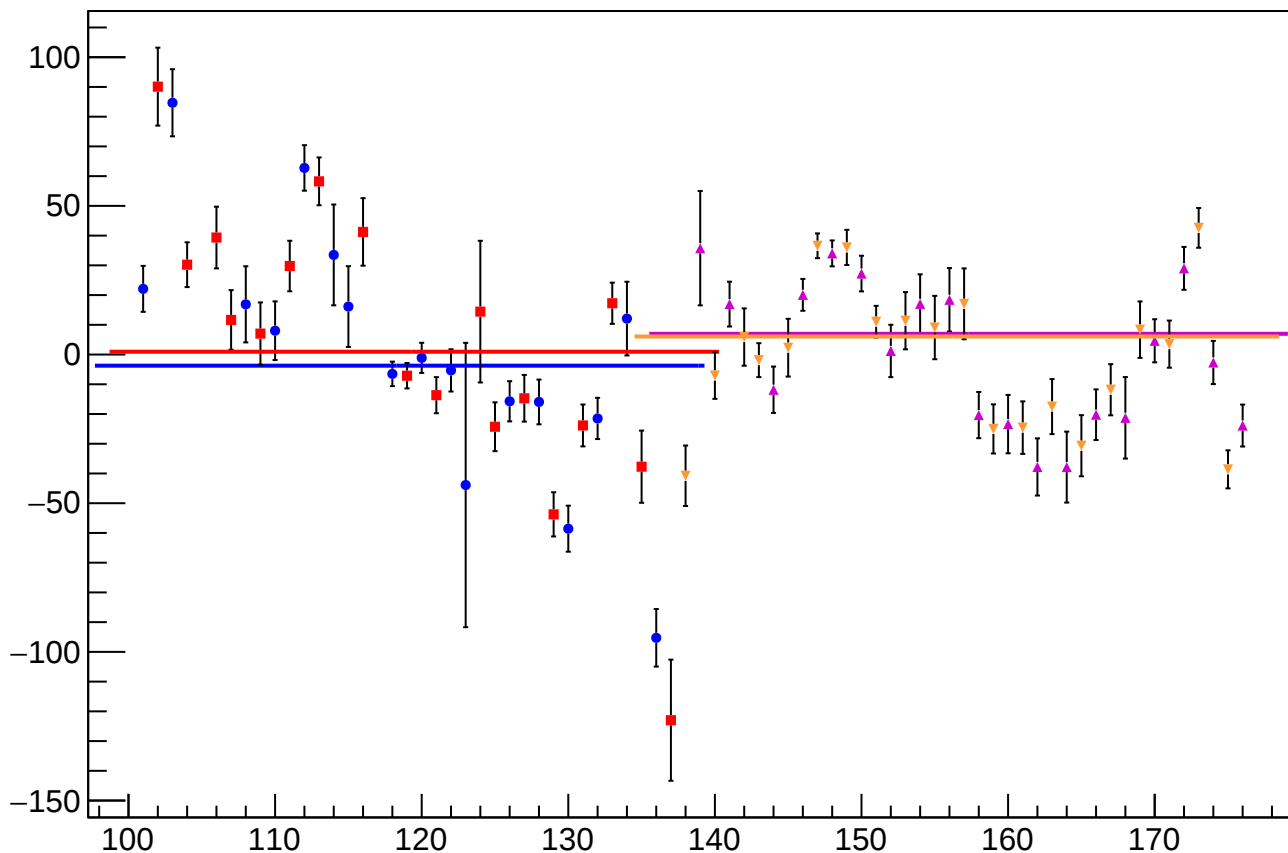
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -478.805 ± 2.408 $\chi^2/\text{NDF}: 1827.1/18$

Out: -441.822 ± 2.342 $\chi^2/\text{NDF}: 4556.0/19$

All: -459.805 ± 1.679 $\chi^2/\text{NDF}: 6504.3/38$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 6.071 ± 1.662 χ^2/NDF : 236.3/19

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 6.978 ± 1.754 χ^2/NDF : 171.0/18

Left: 6.500 ± 1.206 χ^2/NDF : 407.4/38

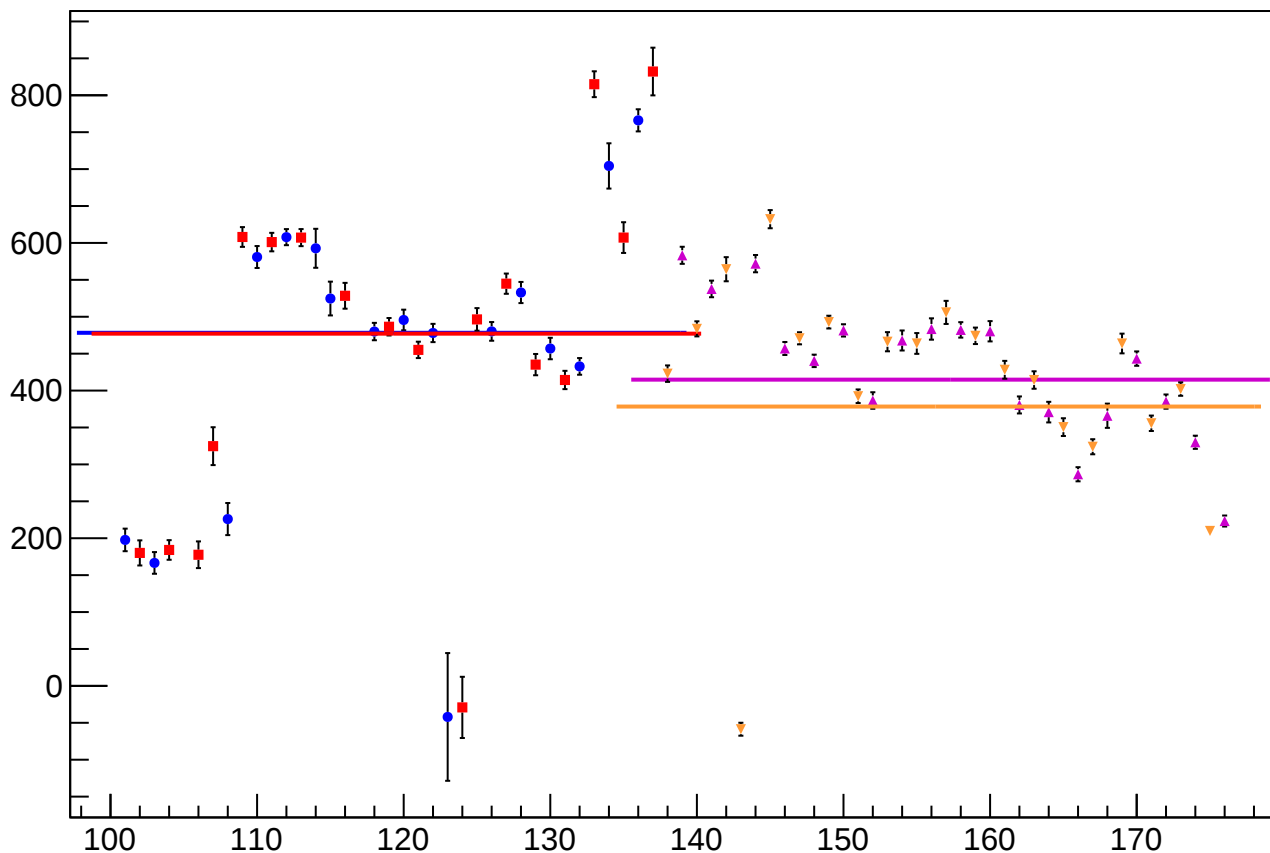
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.023 ± 1.286 χ^2/NDF : 502.3/35

Out: 3.874 ± 1.256 χ^2/NDF : 534.0/37

All: 2.971 ± 0.899 χ^2/NDF : 1037.4/73

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 378.364+/-2.330 χ^2/NDF : 4442.4/19

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 414.808+/-2.385 χ^2/NDF : 1692.6/18

Left: 396.168+/-1.667 χ^2/NDF : 6254.5/38

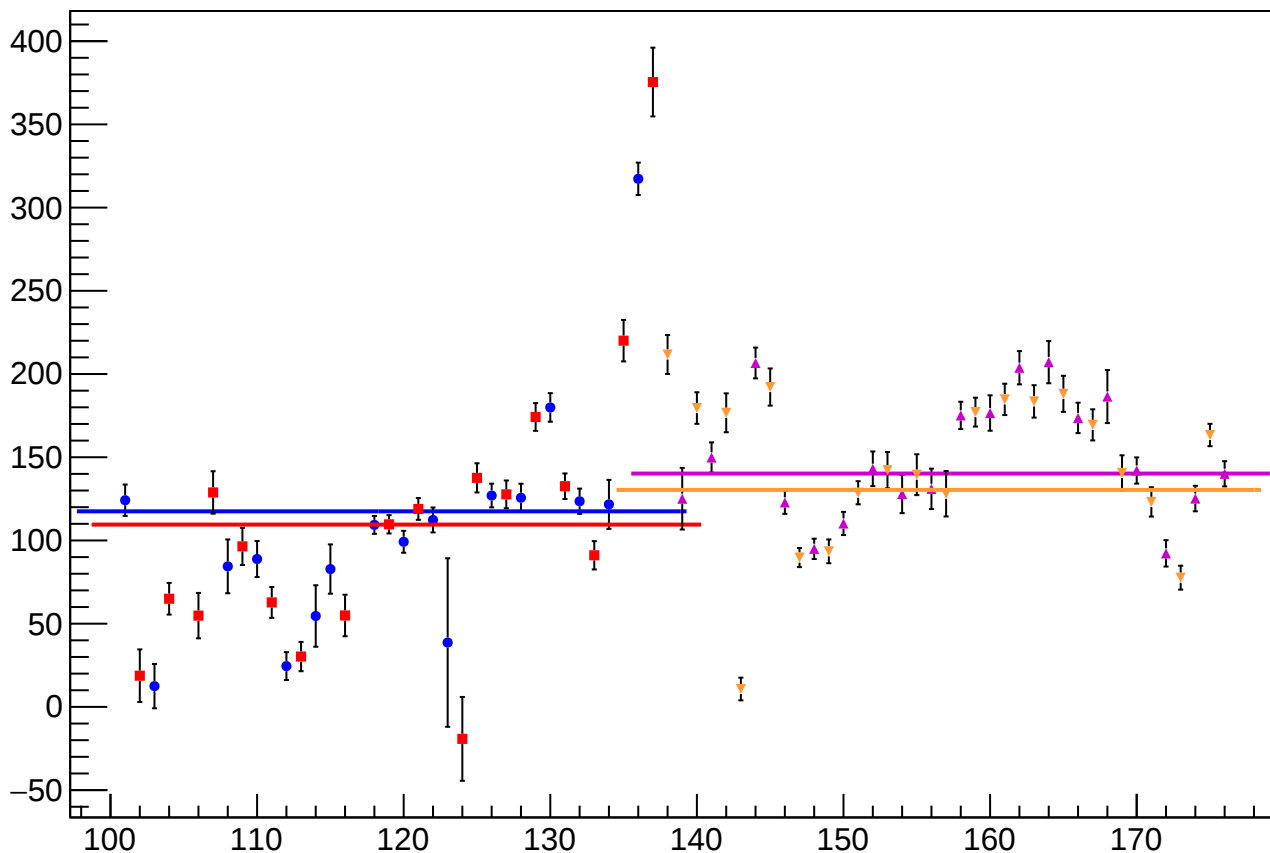
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 433.877+/-1.994 χ^2/NDF : 3533.3/35

Out: 408.201+/-1.947 χ^2/NDF : 7160.6/37

All: 420.729+/-1.393 χ^2/NDF : 10778.8/73

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: 130.377 $\pm$ 1.944 χ^2 /NDF: 725.9/19

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.199 $\pm$ 2.035 χ^2 /NDF: 295.7/18

Left: 135.063 $\pm$ 1.405 χ^2 /NDF: 1033.8/38

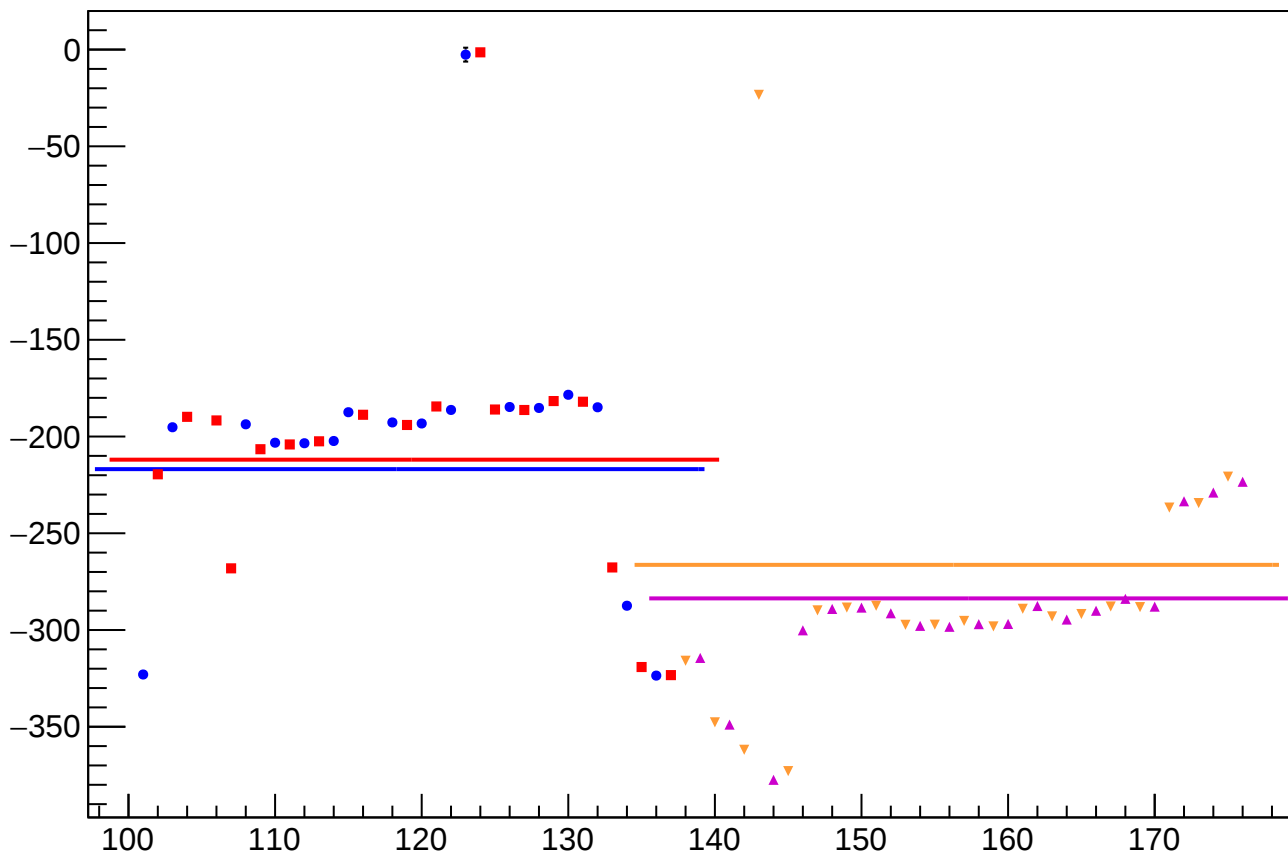
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 129.722 $\pm$ 1.493 χ^2 /NDF: 1059.0/35

Out: 121.280 $\pm$ 1.459 χ^2 /NDF: 1338.3/37

All: 125.404 $\pm$ 1.044 χ^2 /NDF: 2413.7/73

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -266.325 ± 0.094 $\chi^2/\text{NDF}: 667056.5/19$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -283.660 ± 0.095 $\chi^2/\text{NDF}: 147805.0/18$

Left: -274.936 ± 0.067 $\chi^2/\text{NDF}: 831709.0/38$

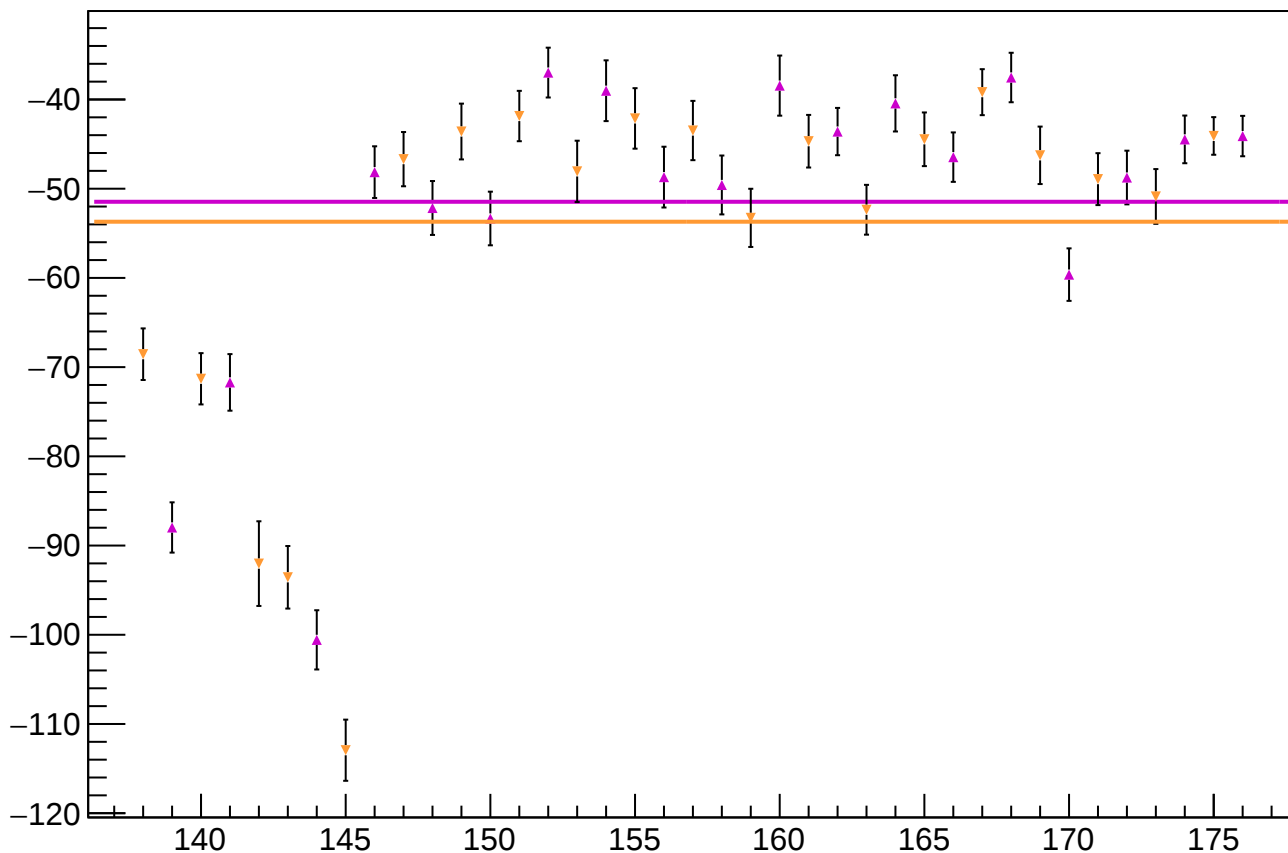
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -261.802 ± 0.078 $\chi^2/\text{NDF}: 457412.6/35$

Out: -247.749 ± 0.076 $\chi^2/\text{NDF}: 893116.4/37$

All: -254.653 ± 0.054 $\chi^2/\text{NDF}: 1367162.9/73$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -53.700+/-0.675 χ^2/NDF :694.6/19

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

Left In: -51.465+/-0.674 χ^2/NDF :560.8/18

Left: -52.581+/-0.477 χ^2/NDF : 1260.9/38

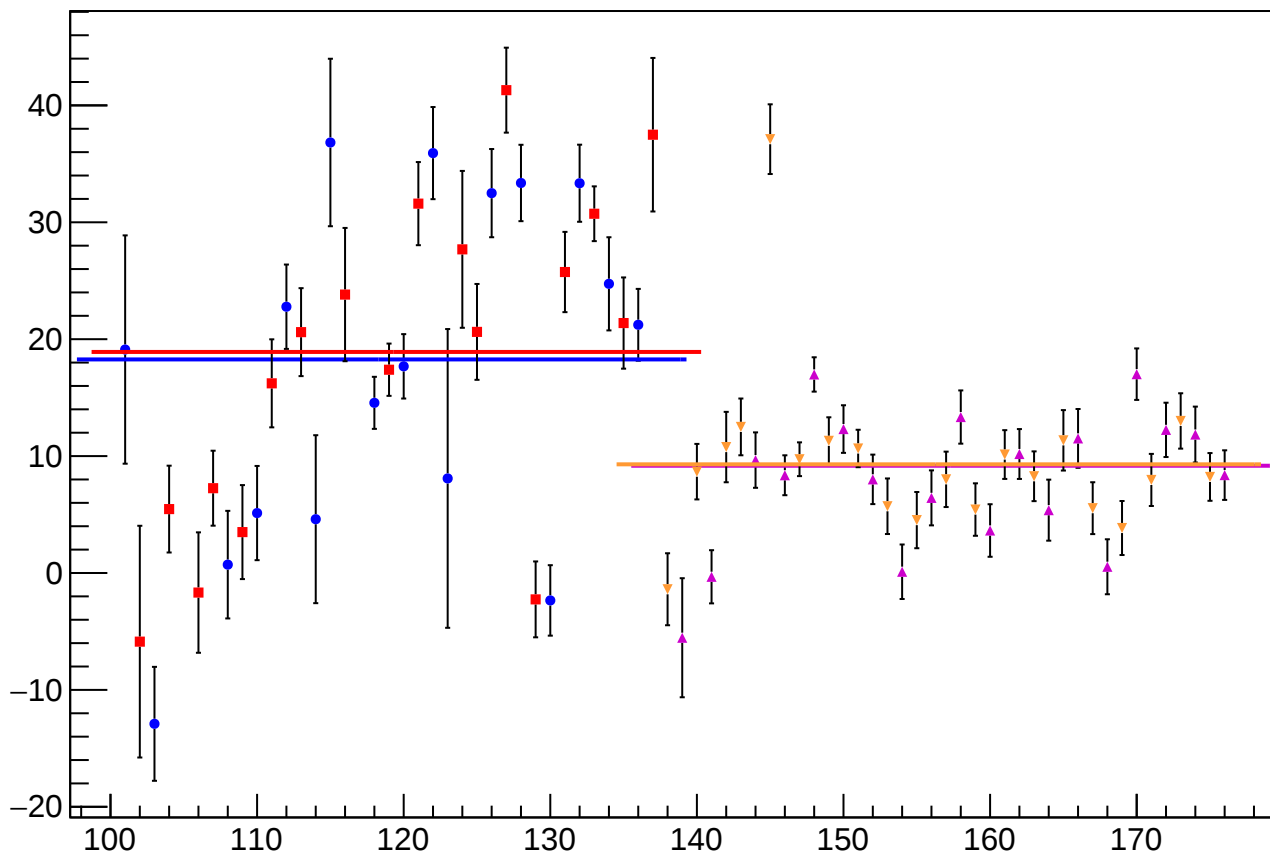
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.465+/-0.674 χ^2/NDF :560.8/18

Out: -53.700+/-0.675 χ^2/NDF :694.6/19

All: -52.581+/-0.477 χ^2/NDF : 1260.9/38

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.296 $\pm$ 0.492 χ^2 /NDF:124.9/19

Right Out: 18.909 $\pm$ 0.864 χ^2 /NDF: 198.1/17

Left In: 9.175 $\pm$ 0.504 χ^2 /NDF:115.4/18

Left: 9.237 $\pm$ 0.352 χ^2 /NDF: 240.4/38

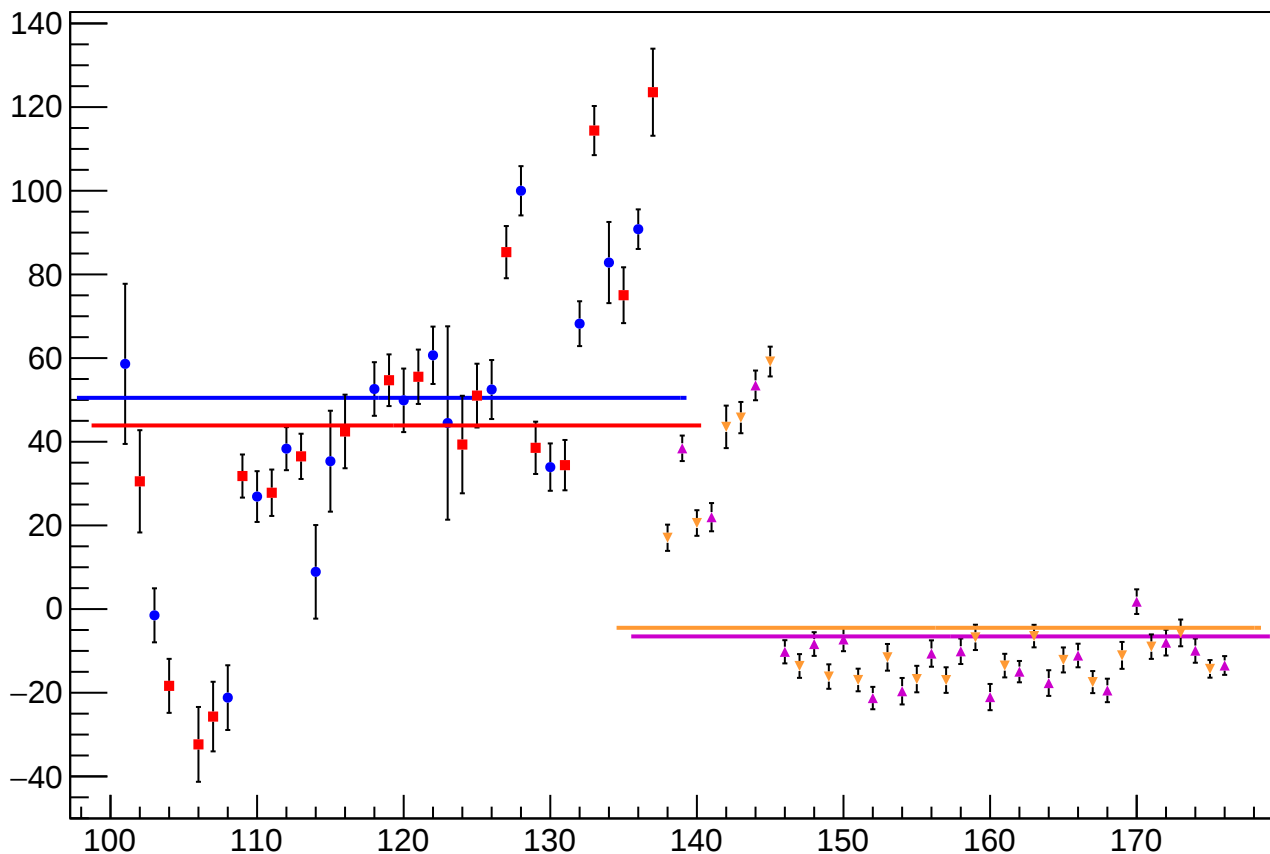
Right: 18.605 $\pm$ 0.626 χ^2 /NDF: 406.7/34

In: 11.324 $\pm$ 0.441 χ^2 /NDF:400.5/35

Out: 11.650 $\pm$ 0.428 χ^2 /NDF:416.5/37

All: 11.492 $\pm$ 0.307 χ^2 /NDF: 817.3/73

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -4.476 ± 0.667 χ^2/NDF : 858.4/19

Right Out: 43.895 ± 1.604 χ^2/NDF : 531.7/17

Left In: -6.537 ± 0.666 χ^2/NDF : 715.6/18

Left: -5.509 ± 0.471 χ^2/NDF : 1578.7/38

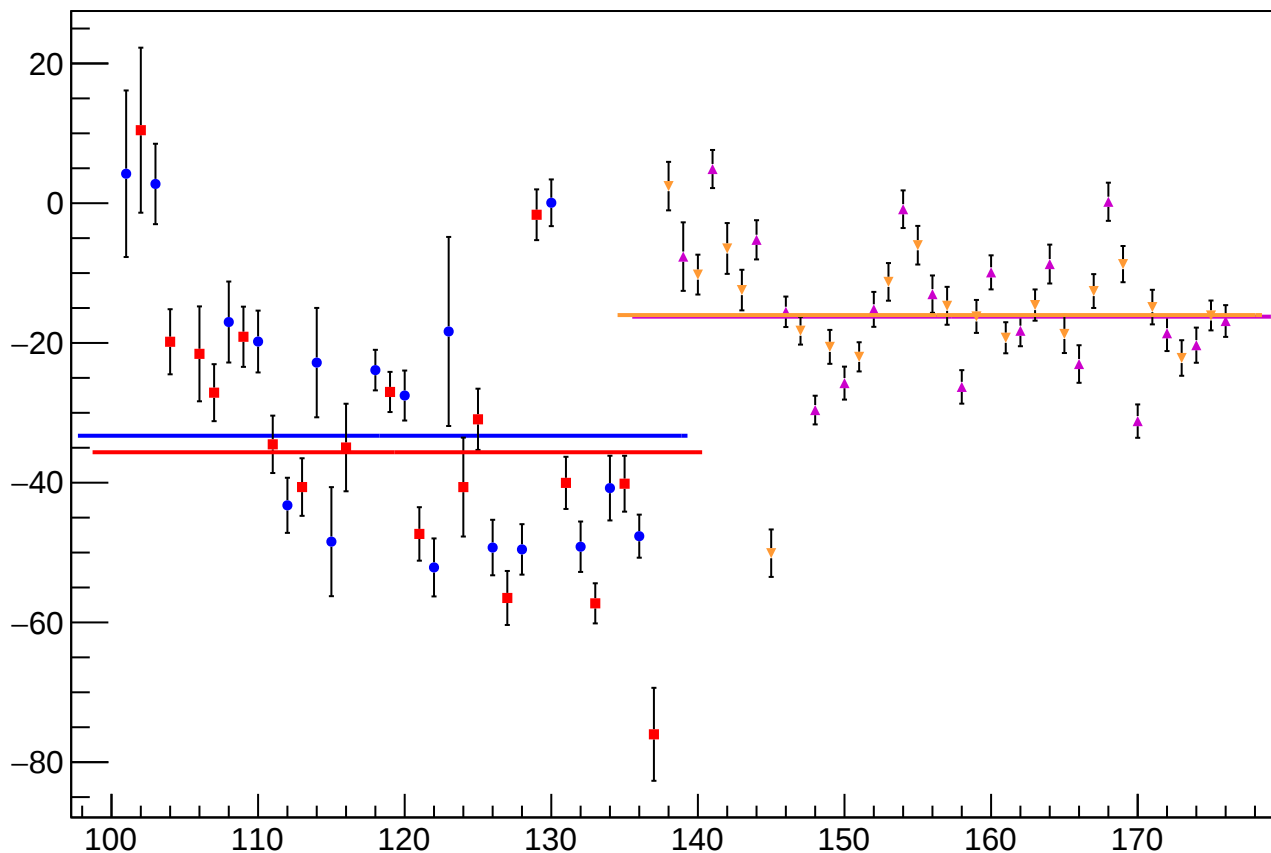
Right: 47.060 ± 1.157 χ^2/NDF : 903.0/34

In: 1.277 ± 0.618 χ^2/NDF : 2084.3/35

Out: 2.665 ± 0.616 χ^2/NDF : 2165.6/37

All: 1.974 ± 0.436 χ^2/NDF : 4252.4/73

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.011 ± 0.566 χ^2/NDF : 190.4/19

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.238 ± 0.578 χ^2/NDF : 289.3/18

Left: -16.122 ± 0.404 χ^2/NDF : 479.7/38

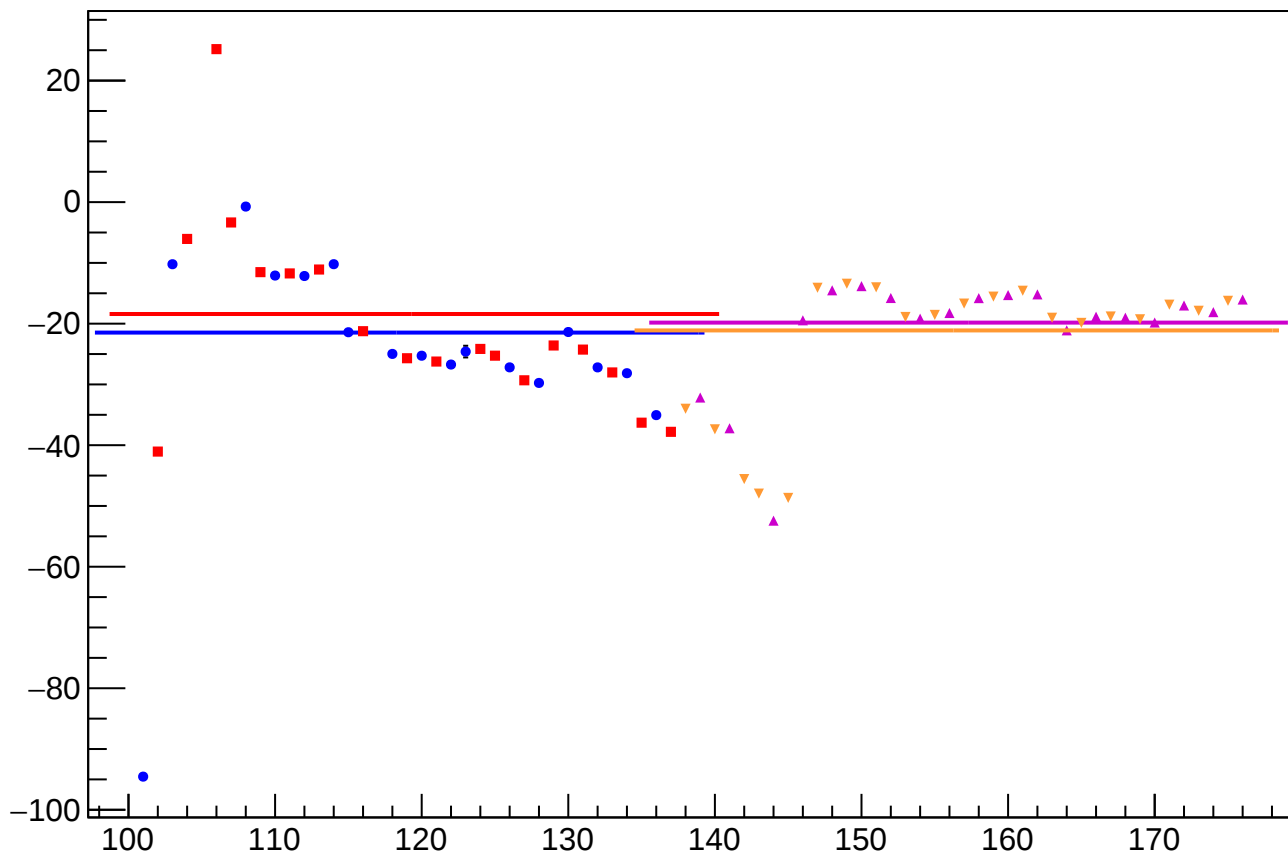
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.288 ± 0.504 χ^2/NDF : 789.0/35

Out: -20.834 ± 0.492 χ^2/NDF : 770.0/37

All: -20.568 ± 0.352 χ^2/NDF : 1559.6/73

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -21.113 ± 0.026 $\chi^2/\text{NDF}: 136146.9/19$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -19.827 ± 0.026 $\chi^2/\text{NDF}: 87494.9/18$

Left: -20.461 ± 0.019 $\chi^2/\text{NDF}: 224849.0/38$

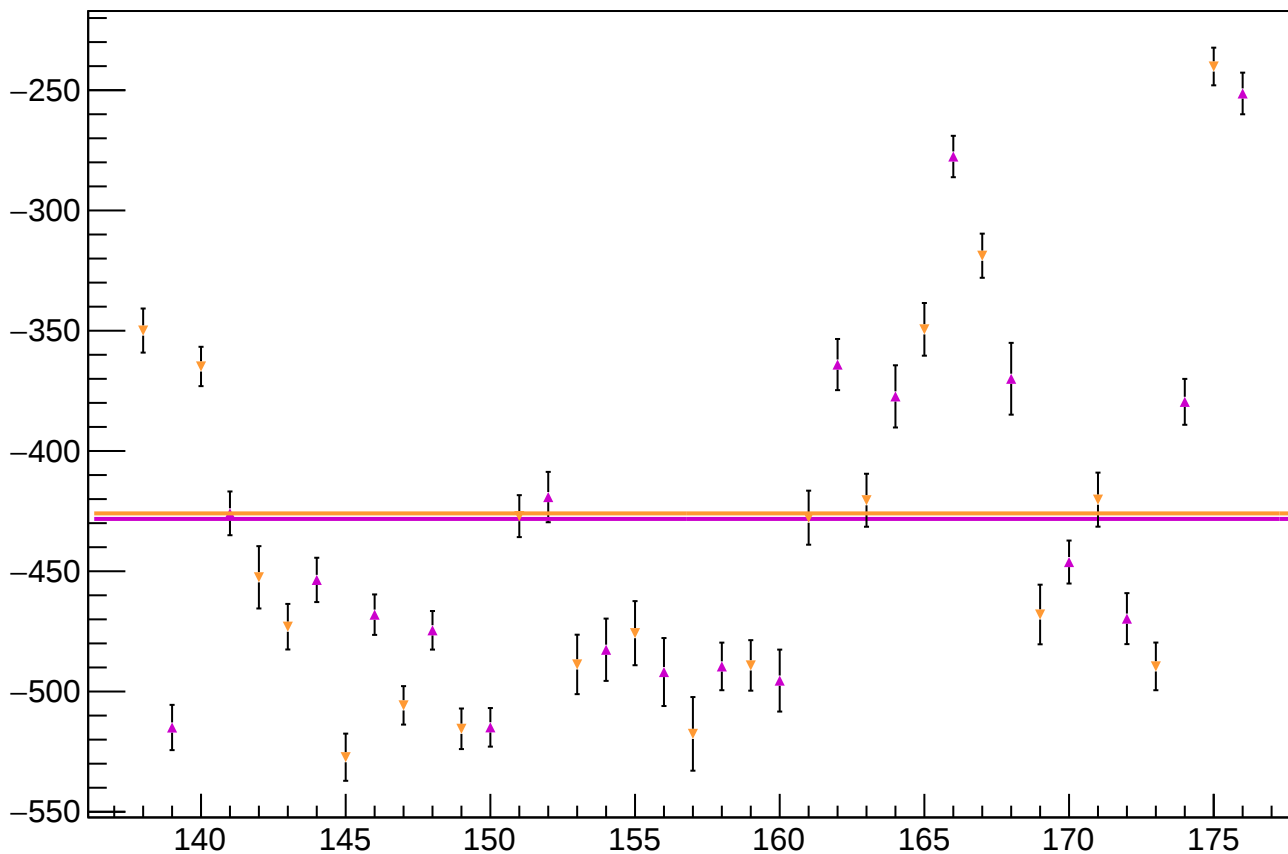
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.096 ± 0.024 $\chi^2/\text{NDF}: 137127.7/35$

Out: -20.642 ± 0.024 $\chi^2/\text{NDF}: 215565.1/37$

All: -20.367 ± 0.017 $\chi^2/\text{NDF}: 352955.2/73$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -425.944+/-2.236 χ^2/NDF :1386.2/19

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

Left In: -428.250+/-2.263 χ^2/NDF :1206.1/18

Left: -427.083+/-1.590 χ^2/NDF : 2592.8/38

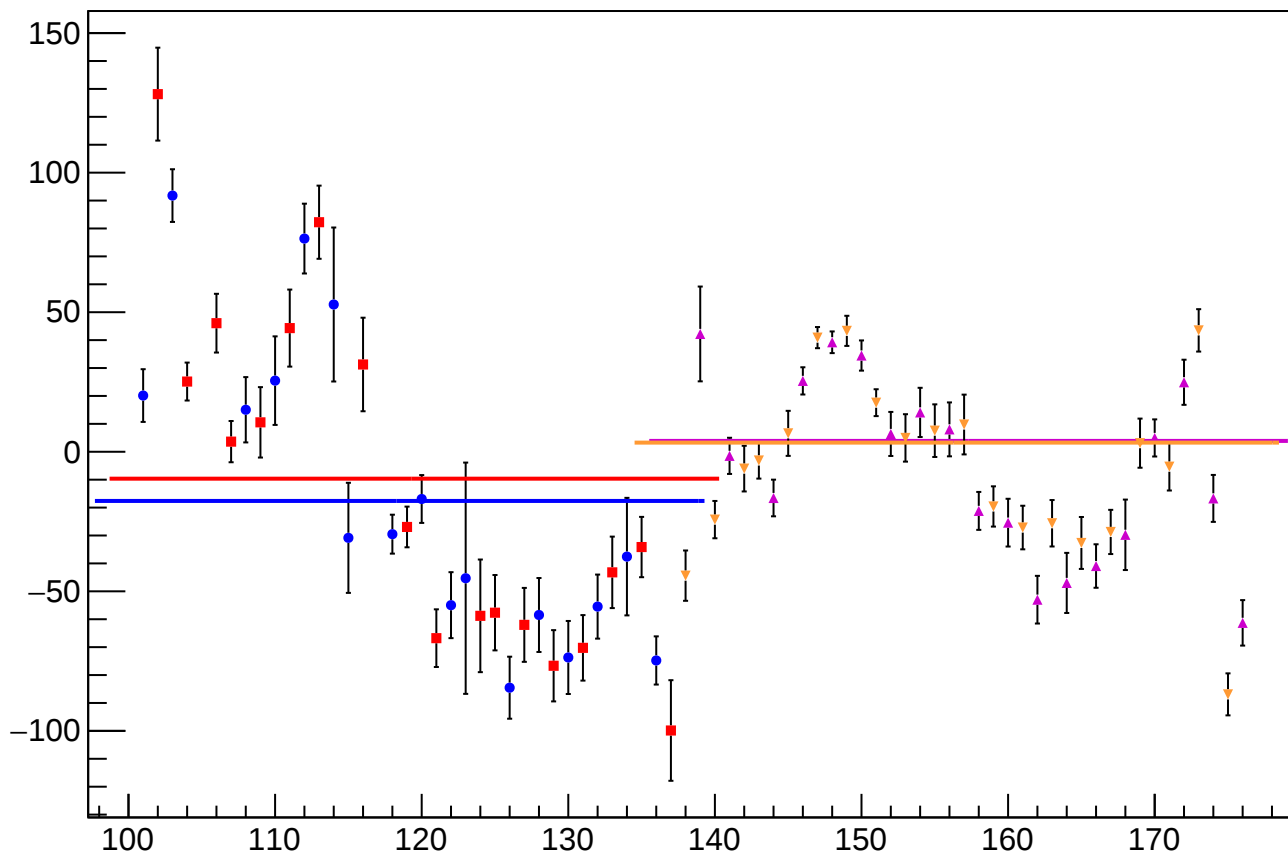
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -428.250+/-2.263 χ^2/NDF :1206.1/18

Out: -425.944+/-2.236 χ^2/NDF :1386.2/19

All: -427.083+/-1.590 χ^2/NDF : 2592.8/38

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: 3.280 ± 1.564 $\chi^2/\text{NDF}: 451.8/19$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 3.889 ± 1.622 $\chi^2/\text{NDF}: 360.4/18$

Left: 3.573 ± 1.126 $\chi^2/\text{NDF}: 812.3/38$

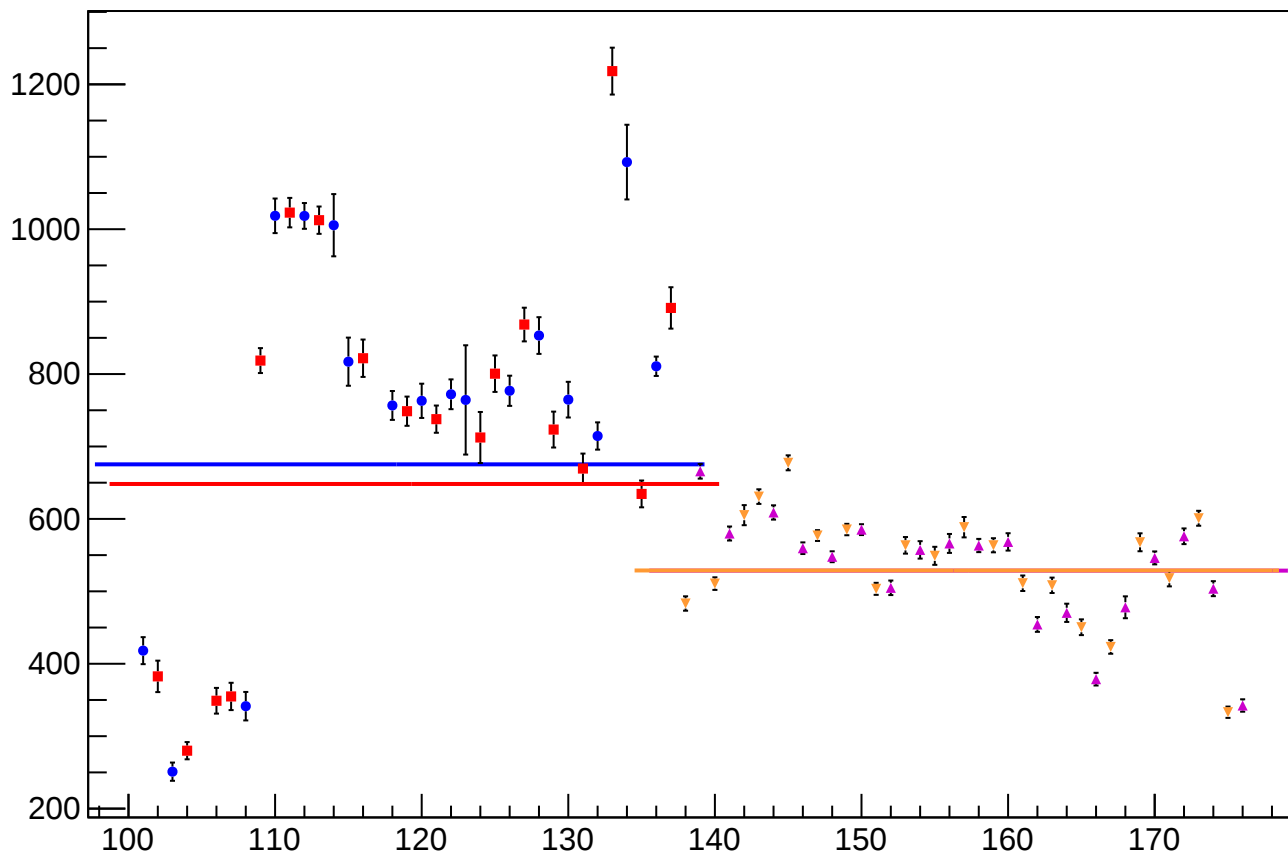
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -1.555 ± 1.402 $\chi^2/\text{NDF}: 766.9/35$

Out: -0.128 ± 1.342 $\chi^2/\text{NDF}: 830.5/37$

All: -0.810 ± 0.969 $\chi^2/\text{NDF}: 1597.9/73$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 528.817+/-2.218 χ^2/NDF :1380.7/19

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 528.593+/-2.234 χ^2/NDF :1278.2/18

Left: 528.706+/-1.574 χ^2/NDF : 2658.9/38

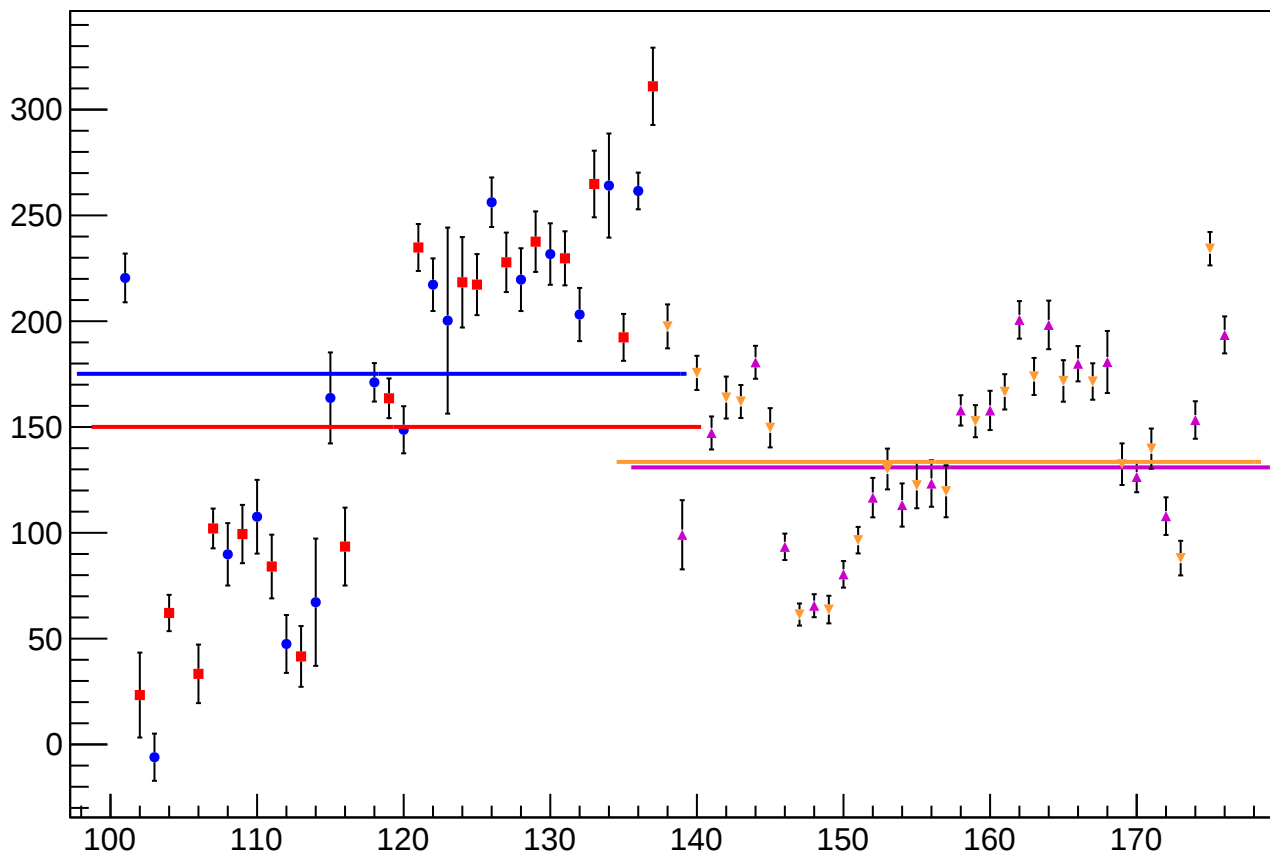
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 552.637+/-2.042 χ^2/NDF :4568.1/35

Out: 550.006+/-2.011 χ^2/NDF :4954.1/37

All: 551.301+/-1.433 χ^2/NDF : 9523.1/73

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: 133.513 $\pm$ 1.840 χ^2 /NDF:705.3/19

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 130.932 $\pm$ 1.894 χ^2 /NDF:529.6/18

Left: 132.260 $\pm$ 1.320 χ^2 /NDF: 1235.9/38

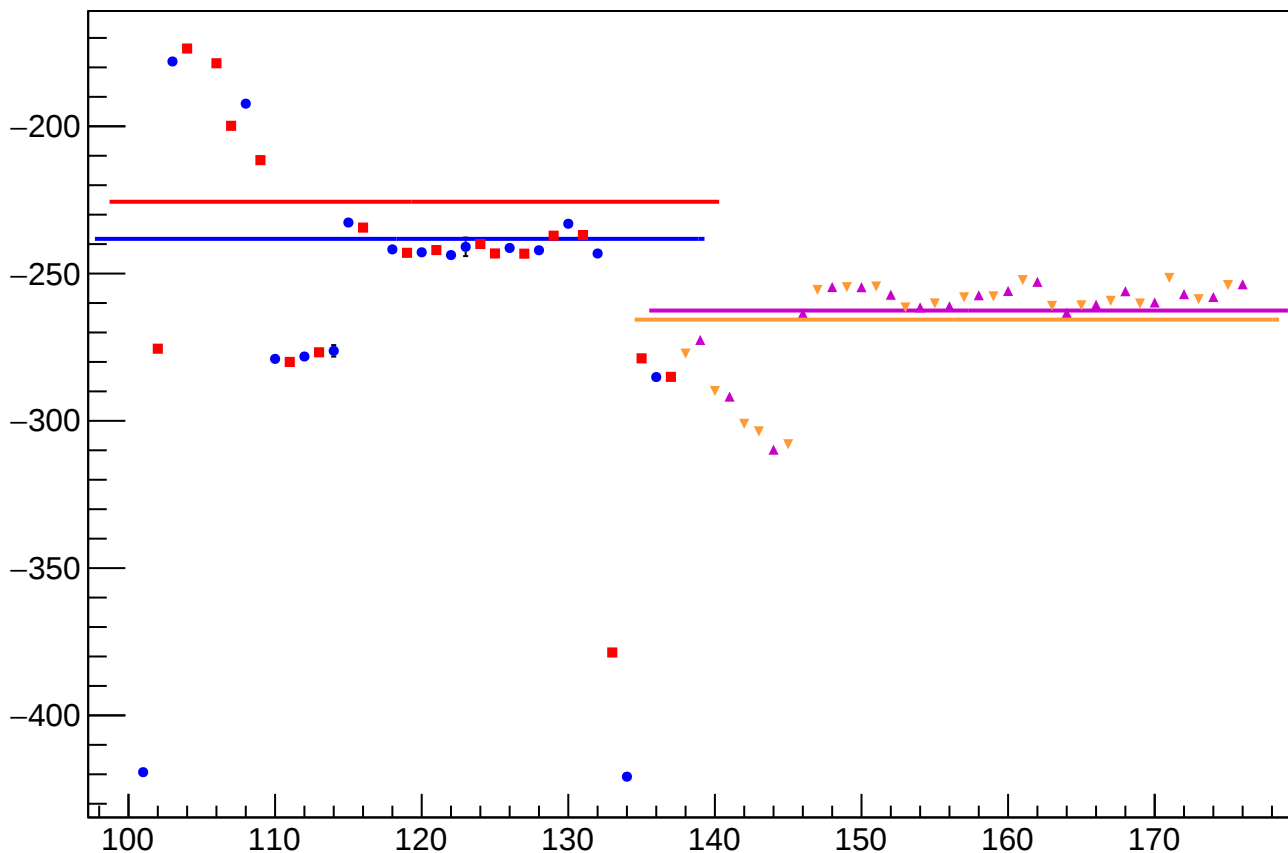
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 142.351 $\pm$ 1.631 χ^2 /NDF:1306.0/35

Out: 137.936 $\pm$ 1.575 χ^2 /NDF:1413.1/37

All: 140.066 $\pm$ 1.133 χ^2 /NDF: 2722.9/73

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -265.638+/-0.089 χ^2/NDF : 36558.7/19

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -262.554+/-0.089 χ^2/NDF : 21963.3/18

Left: -264.087+/-0.063 χ^2/NDF : 59122.0/38

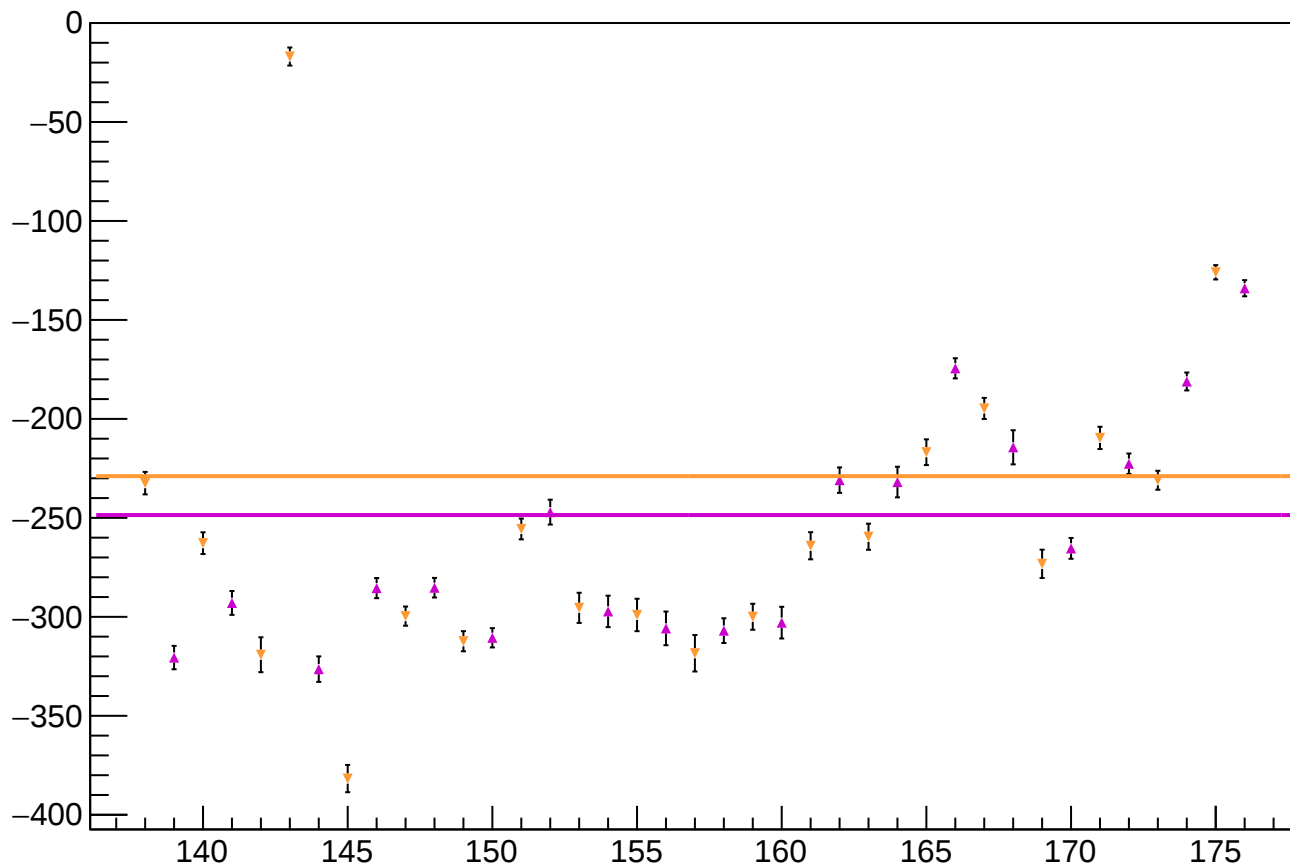
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.827+/-0.078 χ^2/NDF : 206740.1/35

Out: -255.329+/-0.077 χ^2/NDF : 183750.2/37

All: -256.071+/-0.055 χ^2/NDF : 390678.0/73

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: -228.925+/-1.286 χ^2/NDF :4613.2/19

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

Left In: -248.578+/-1.321 χ^2/NDF :2119.3/18

Left: -238.489+/-0.921 χ^2/NDF : 6846.2/38

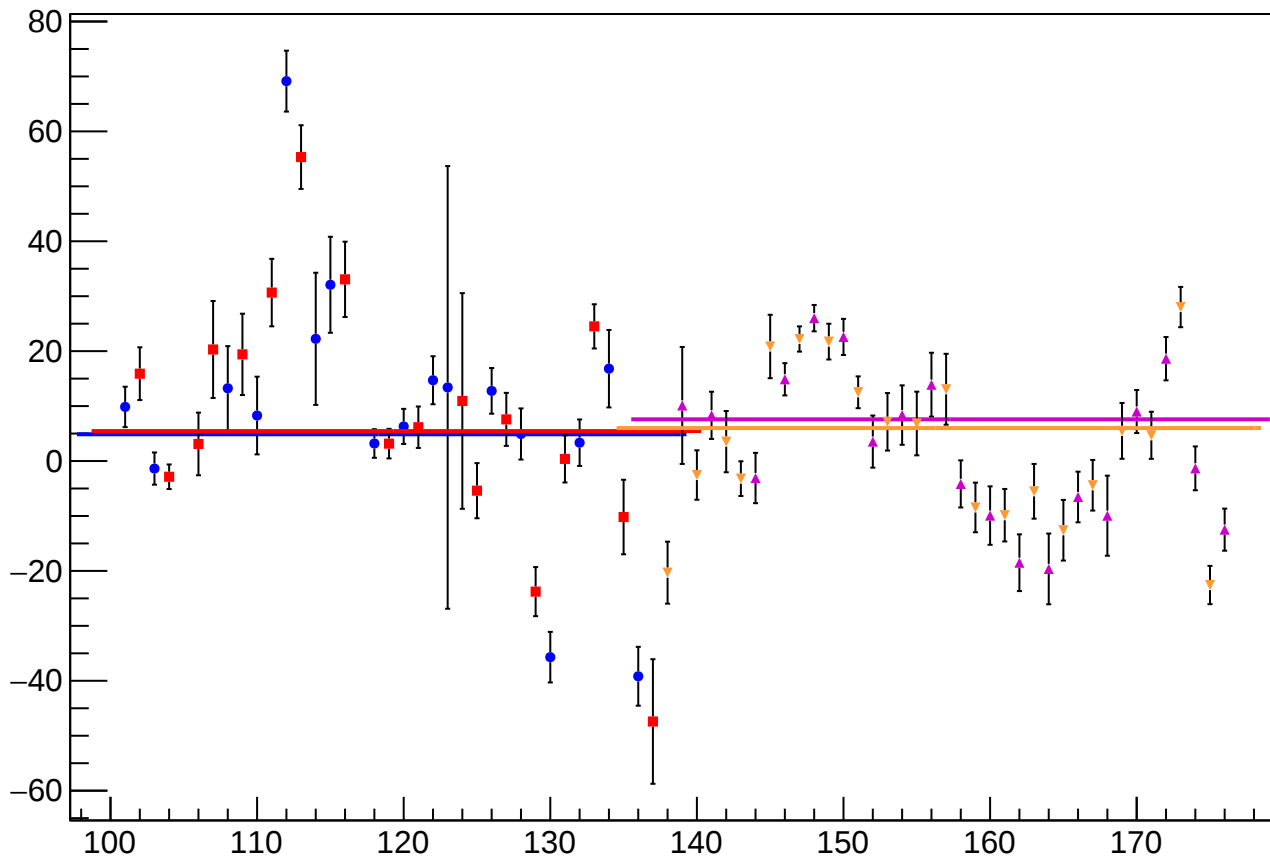
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -248.578+/-1.321 χ^2/NDF :2119.3/18

Out: -228.925+/-1.286 χ^2/NDF :4613.2/19

All: -238.489+/-0.921 χ^2/NDF : 6846.2/38

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870+/-1.091 χ^2/NDF : 311.5/16

Left Out: 5.997+/-0.913 χ^2/NDF :266.6/19

Right Out: 5.450+/-1.071 χ^2/NDF : 231.5/17

Left In: 7.591+/-0.963 χ^2/NDF :210.8/18

Left: 6.751+/-0.662 χ^2/NDF : 478.9/38

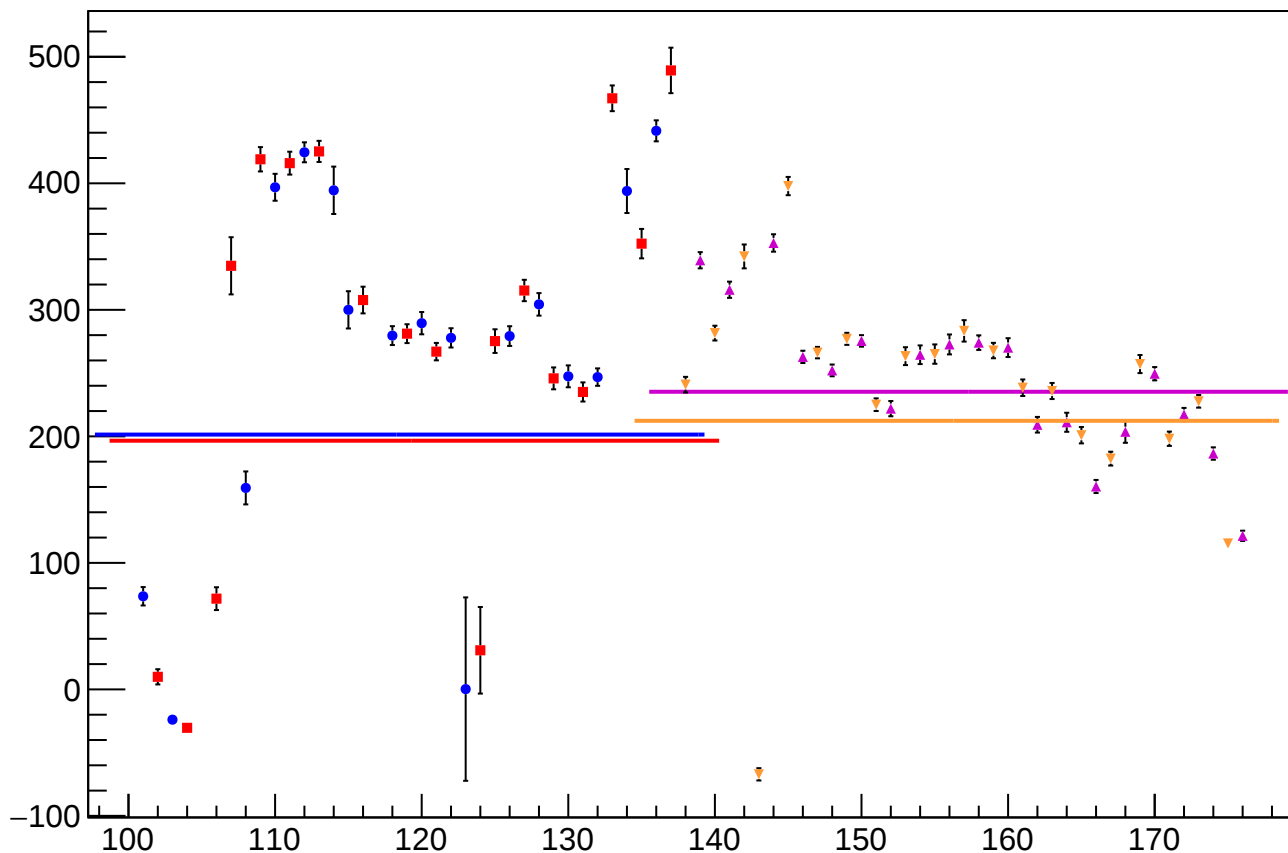
Right: 5.165+/-0.764 χ^2/NDF : 543.2/34

In: 6.399+/-0.722 χ^2/NDF :525.9/35

Out: 5.767+/-0.695 χ^2/NDF :498.3/37

All: 6.071+/-0.501 χ^2/NDF : 1024.6/73

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 212.293 $\pm$ 1.278 χ^2 /NDF: 5730.8/19

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 235.242 $\pm$ 1.307 χ^2 /NDF: 2107.0/18

Left: 223.512 $\pm$ 0.914 χ^2 /NDF: 7995.4/38

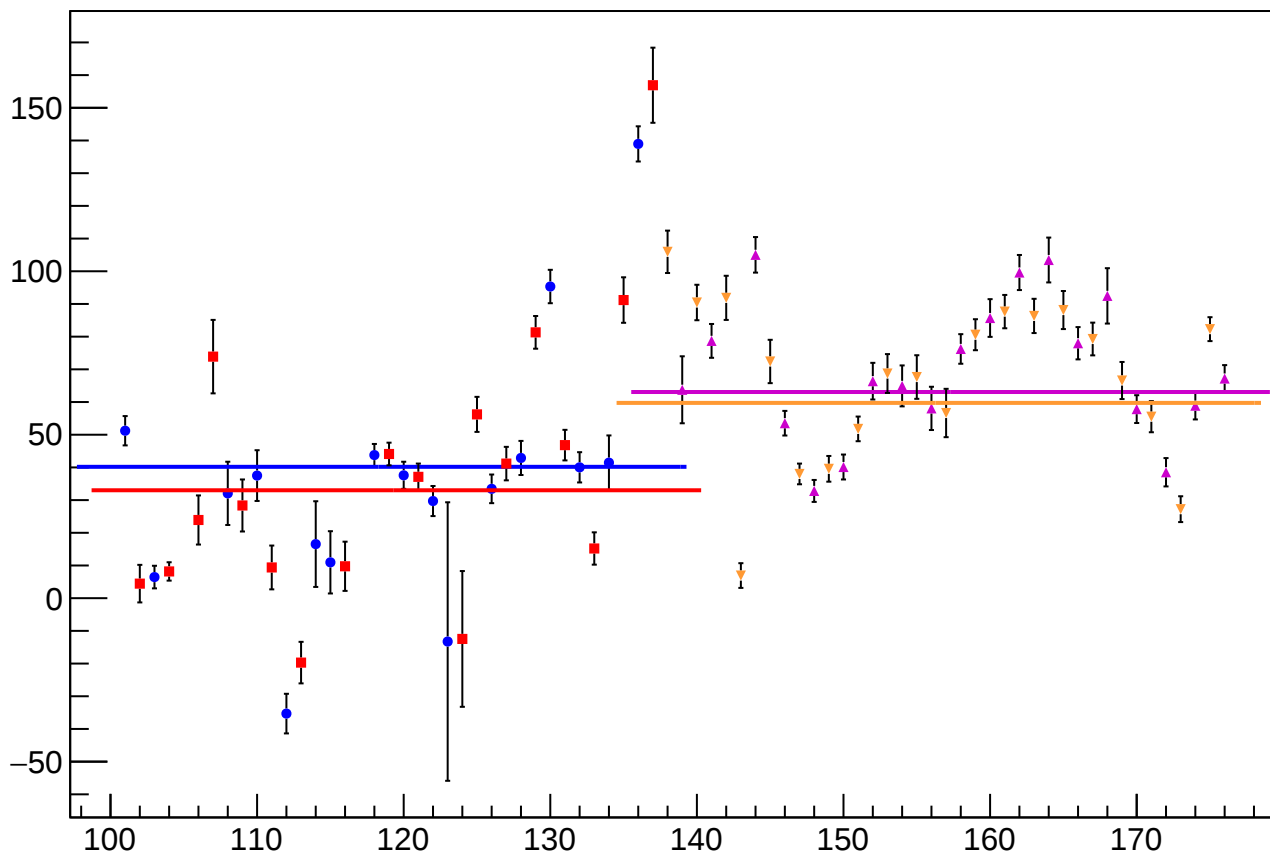
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 224.931 $\pm$ 1.090 χ^2 /NDF: 9051.7/35

Out: 207.504 $\pm$ 1.066 χ^2 /NDF: 13955.0/37

All: 216.024 $\pm$ 0.762 χ^2 /NDF: 23137.5/73

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 59.737+/-1.066 χ^2/NDF : 608.4/19

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 63.067+/-1.116 χ^2/NDF : 355.1/18

Left: 61.326+/-0.771 χ^2/NDF : 968.1/38

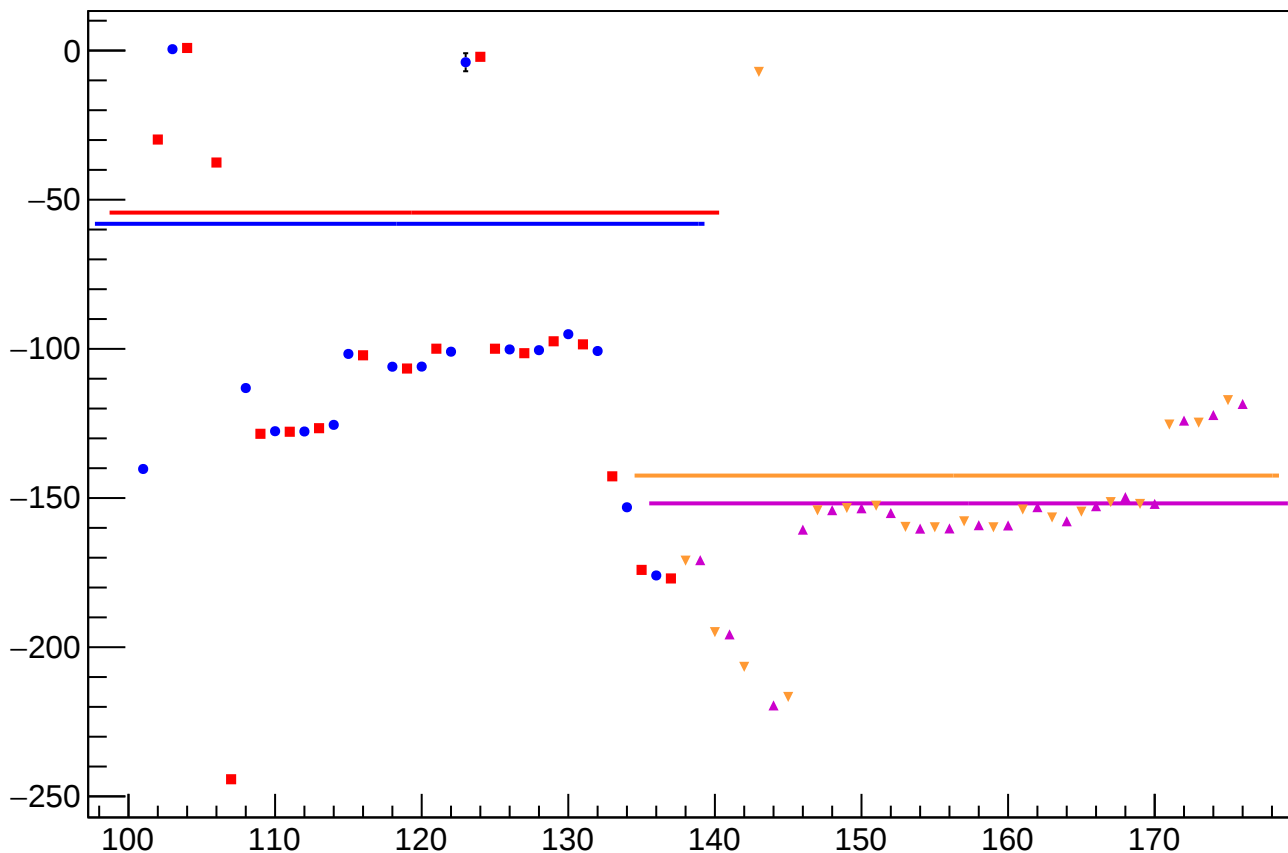
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 53.093+/-0.838 χ^2/NDF : 1272.3/35

Out: 48.506+/-0.812 χ^2/NDF : 1419.4/37

All: 50.726+/-0.583 χ^2/NDF : 2707.2/73

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -142.467 $\pm$ 0.052 χ^2 /NDF: 705543.0/19

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -151.791 $\pm$ 0.052 χ^2 /NDF: 174688.8/18

Left: -147.101 $\pm$ 0.037 χ^2 /NDF: 896479.3/38

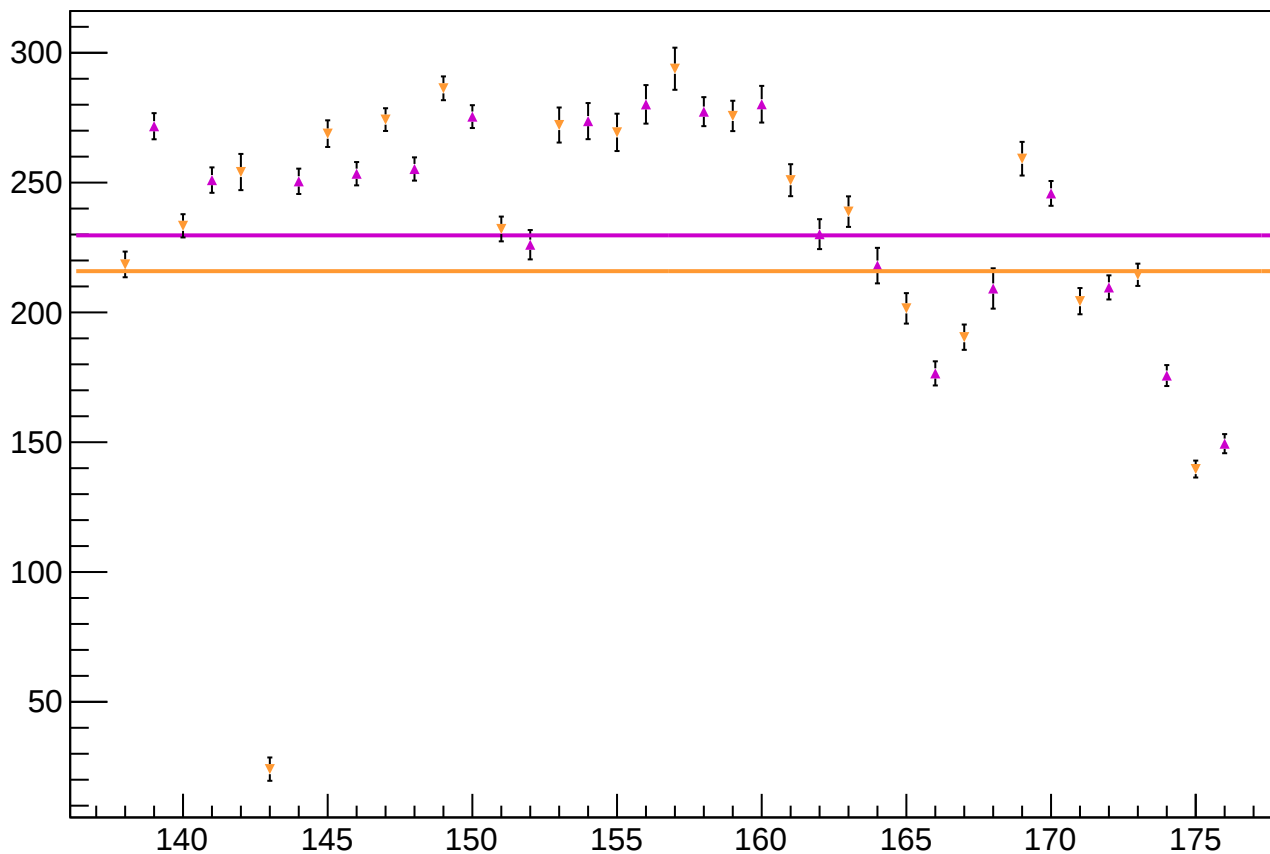
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -112.919 $\pm$ 0.040 χ^2 /NDF: 2632660.2/35

Out: -105.327 $\pm$ 0.039 χ^2 /NDF: 2927343.3/37

All: -109.080 $\pm$ 0.028 χ^2 /NDF: 5578510.3/73

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: 215.889+/-1.143 χ^2/NDF :3400.7/19

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

Left In: 229.674+/-1.166 χ^2/NDF :1310.1/18

Left: 222.644+/-0.816 χ^2/NDF : 4782.2/38

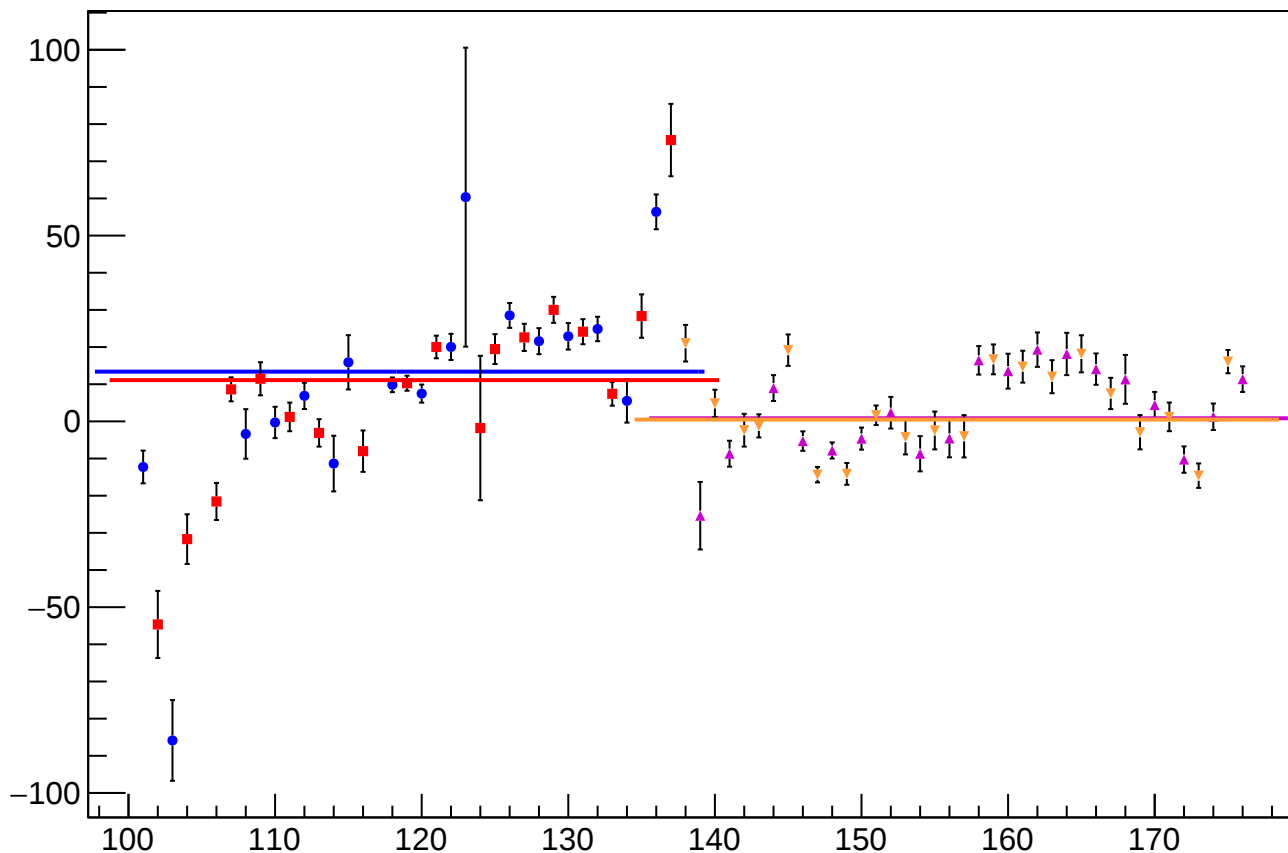
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.674+/-1.166 χ^2/NDF :1310.1/18

Out: 215.889+/-1.143 χ^2/NDF :3400.7/19

All: 222.644+/-0.816 χ^2/NDF : 4782.2/38

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: 0.488 $\pm$ 0.815 χ^2 /NDF:212.7/19

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: 0.833 $\pm$ 0.852 χ^2 /NDF:132.8/18

Left: 0.653 $\pm$ 0.589 χ^2 /NDF: 345.7/38

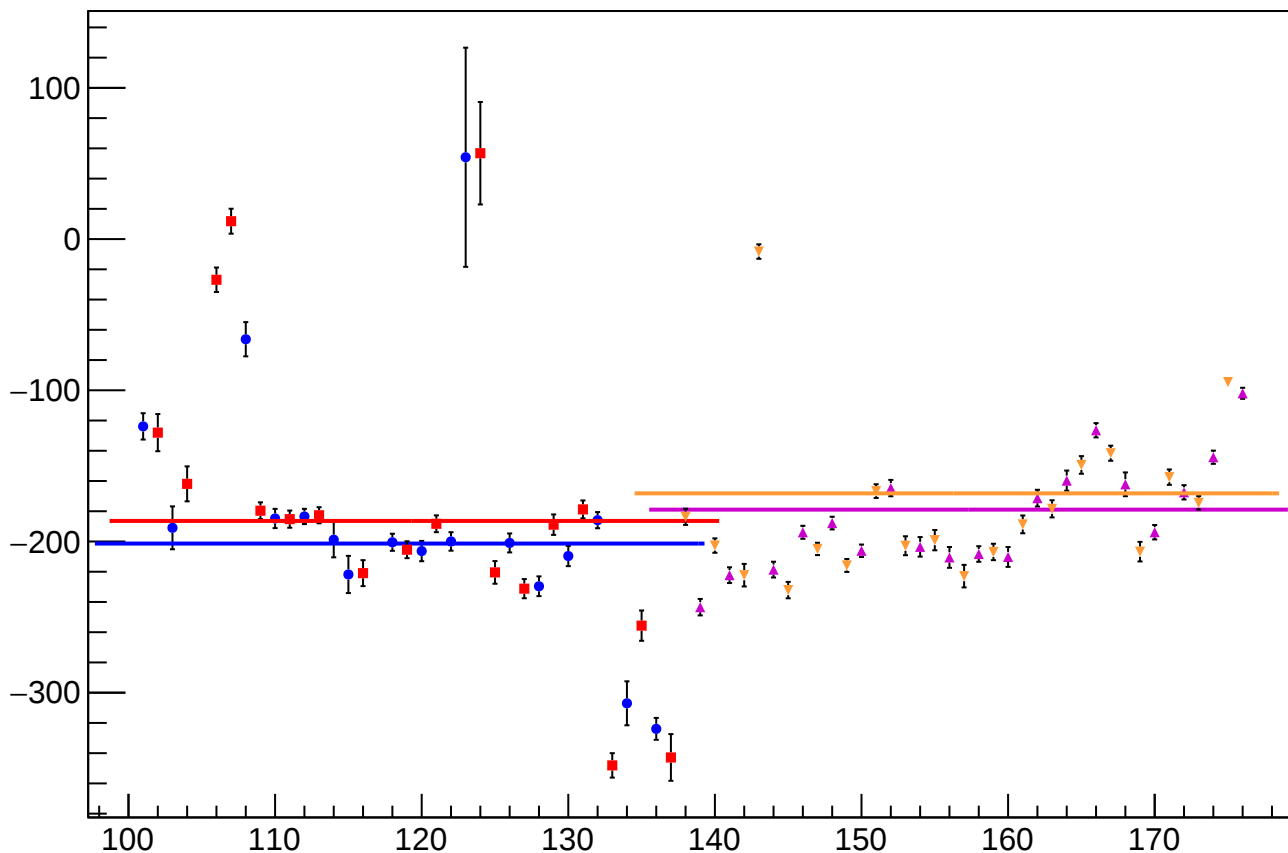
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 6.621 $\pm$ 0.626 χ^2 /NDF:527.0/35

Out: 5.179 $\pm$ 0.609 χ^2 /NDF:580.0/37

All: 5.880 $\pm$ 0.436 χ^2 /NDF: 1109.7/73

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: -168.167 ± 1.137 χ^2/NDF : 2335.7/19

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -178.935 ± 1.156 χ^2/NDF : 1086.1/18

Left: -173.463 ± 0.811 χ^2/NDF : 3465.9/38

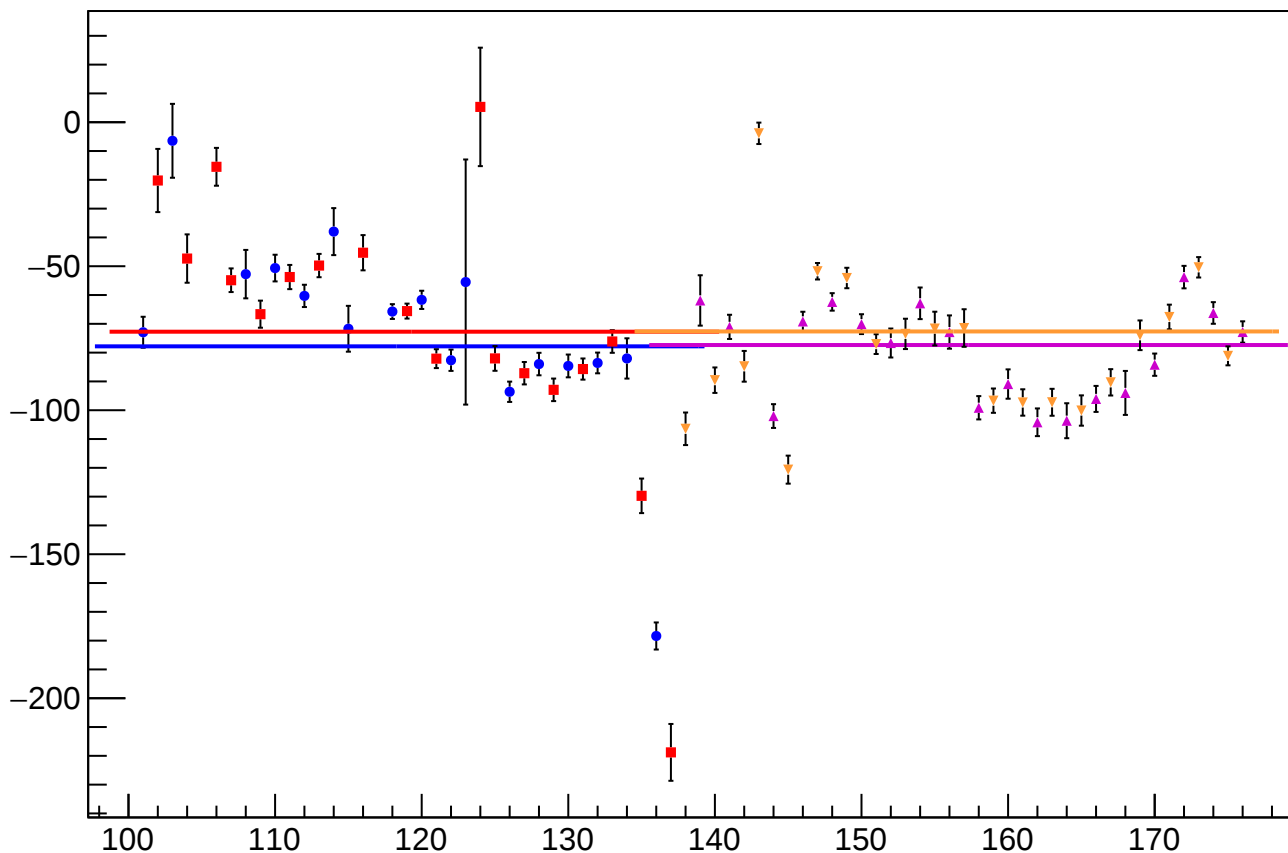
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -185.570 ± 0.970 χ^2/NDF : 1822.5/35

Out: -173.792 ± 0.946 χ^2/NDF : 4114.5/37

All: -179.532 ± 0.677 χ^2/NDF : 6012.6/73

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -72.646 $\pm$ 0.951 χ^2/NDF : 756.2/19

Right Out: -72.734 $\pm$ 1.054 χ^2/NDF : 599.0/17

Left In: -77.361 $\pm$ 0.988 χ^2/NDF : 241.1/18

Left: -74.915 $\pm$ 0.685 χ^2/NDF : 1009.1/38

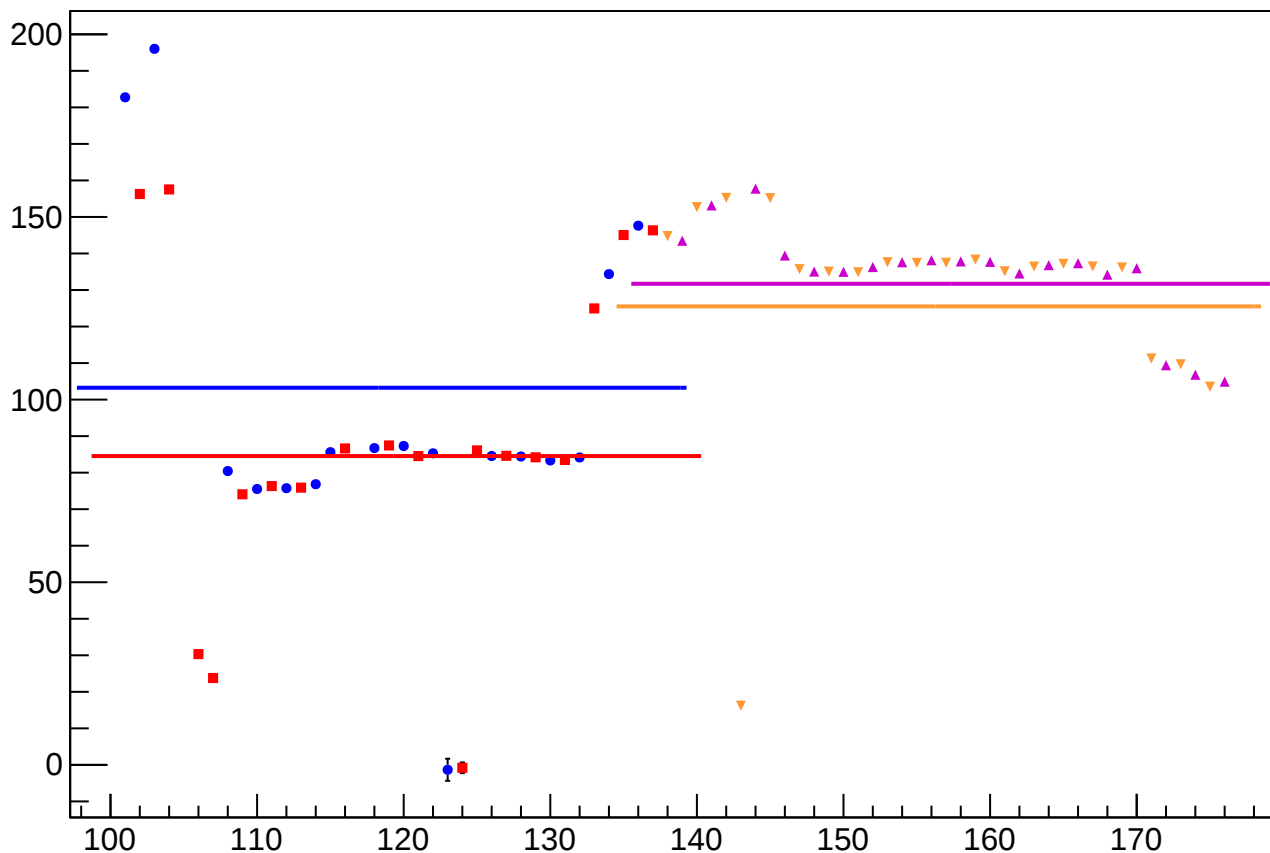
Right: -75.241 $\pm$ 0.750 χ^2/NDF : 1266.8/34

In: -77.572 $\pm$ 0.725 χ^2/NDF : 897.5/35

Out: -72.685 $\pm$ 0.706 χ^2/NDF : 1355.1/37

All: -75.063 $\pm$ 0.506 χ^2/NDF : 2276.0/73

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 125.518 $\pm$ 0.046 χ^2 /NDF: 443997.8/19

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 131.706 $\pm$ 0.046 χ^2 /NDF: 102979.5/18

Left: 128.610 $\pm$ 0.032 χ^2 /NDF: 556076.9/38

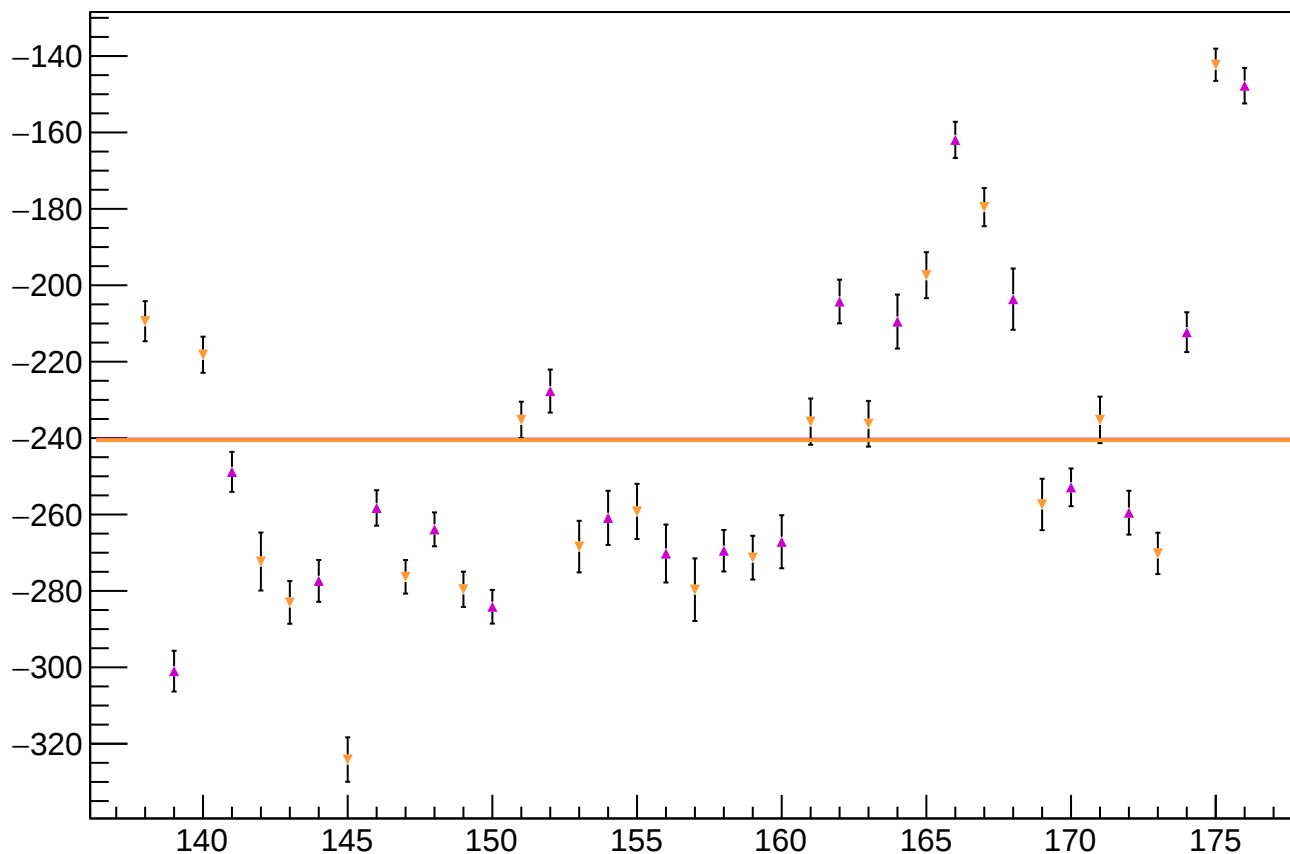
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 123.231 $\pm$ 0.038 χ^2 /NDF: 490928.6/35

Out: 111.593 $\pm$ 0.037 χ^2 /NDF: 1126744.3/37

All: 117.229 $\pm$ 0.027 χ^2 /NDF: 1664926.0/73

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: -240.531+/-1.238 χ^2/NDF :1336.5/19

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

Left In: -240.414+/-1.248 χ^2/NDF :1187.9/18

Left: -240.473+/-0.879 χ^2/NDF : 2524.4/38

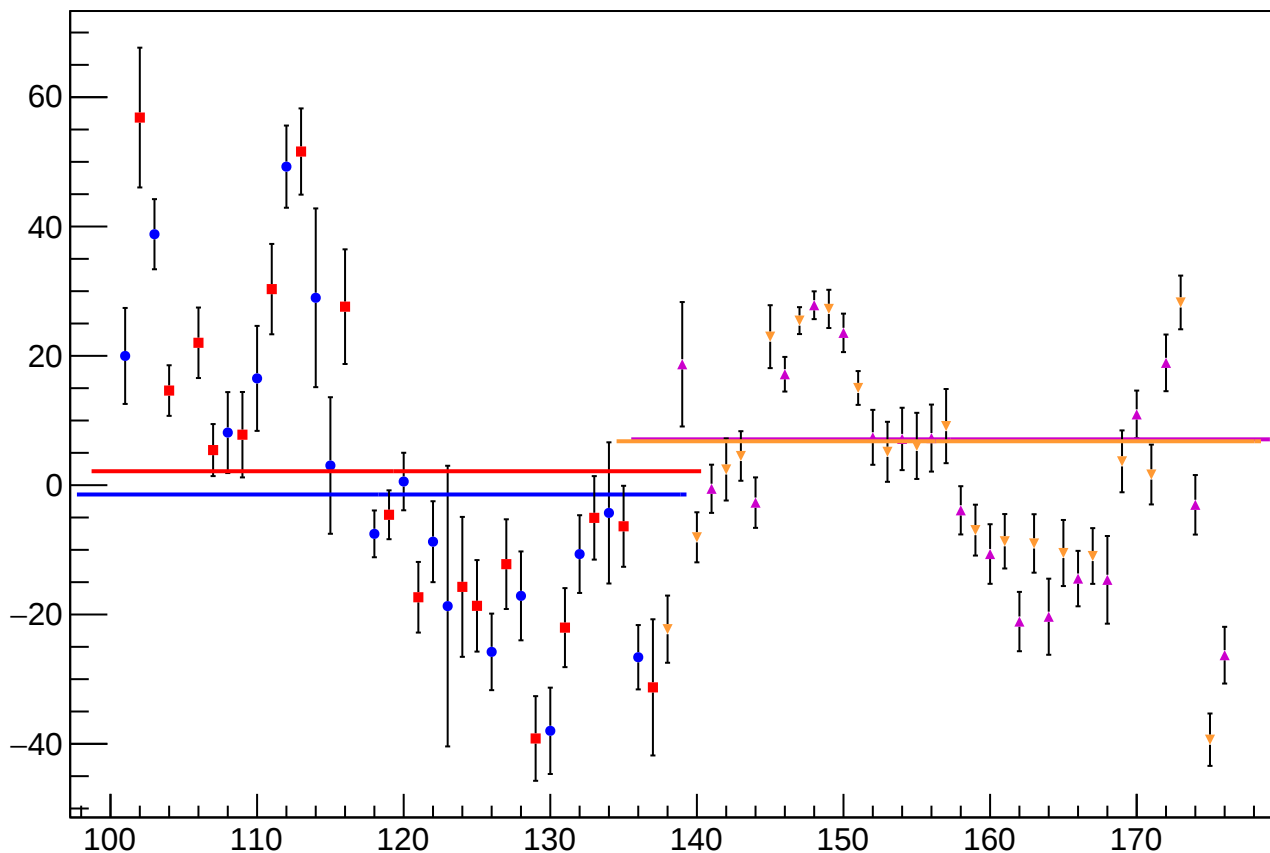
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.414+/-1.248 χ^2/NDF :1187.9/18

Out: -240.531+/-1.238 χ^2/NDF :1336.5/19

All: -240.473+/-0.879 χ^2/NDF : 2524.4/38

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: 6.791 ± 0.865 χ^2/NDF : 421.3/19

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 7.089 ± 0.895 χ^2/NDF : 339.4/18

Left: 6.935 ± 0.622 χ^2/NDF : 760.8/38

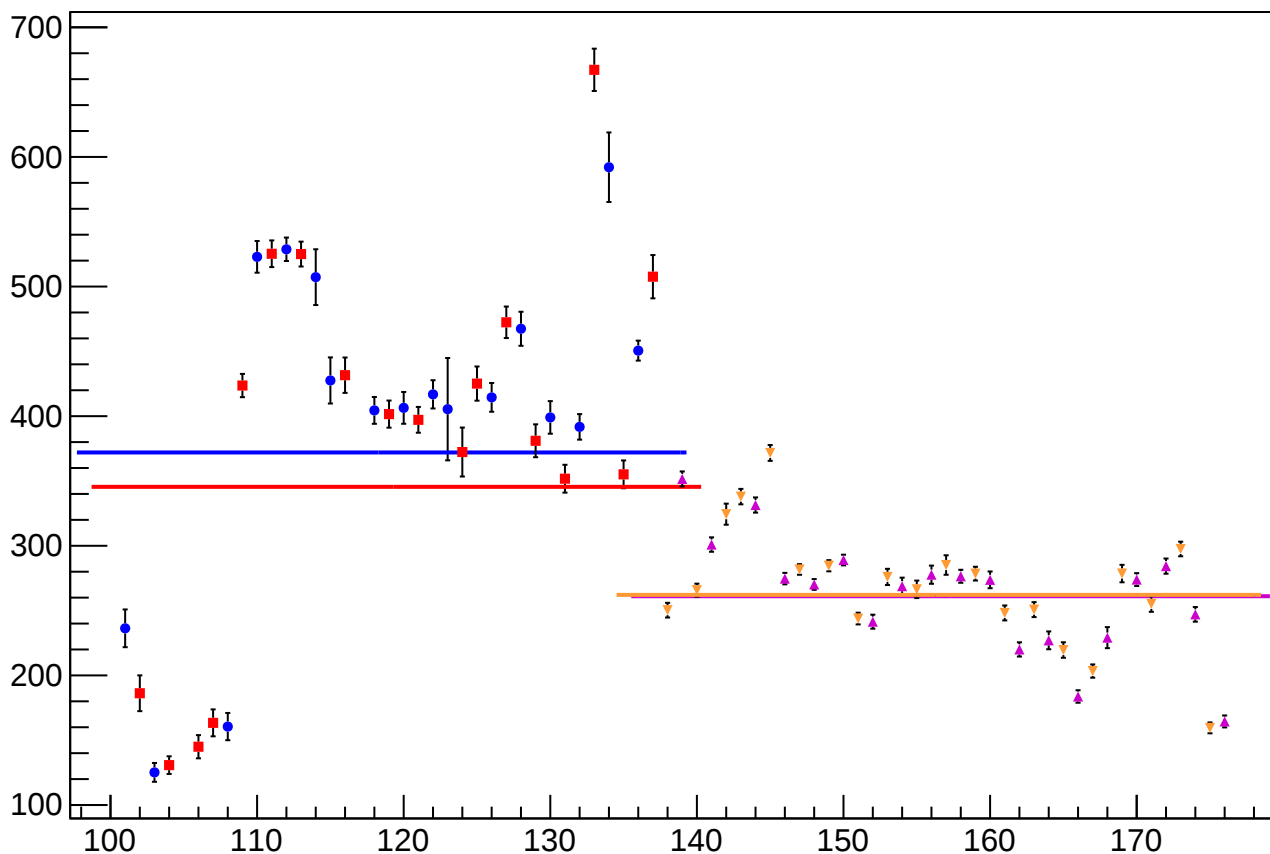
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 4.886 ± 0.770 χ^2/NDF : 587.3/35

Out: 5.512 ± 0.736 χ^2/NDF : 659.4/37

All: 5.213 ± 0.532 χ^2/NDF : 1247.1/73

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: 262.113 $\pm$ 1.225 χ^2 /NDF:1472.0/19

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 261.087 $\pm$ 1.230 χ^2 /NDF:1355.3/18

Left: 261.602 $\pm$ 0.868 χ^2 /NDF: 2827.7/38

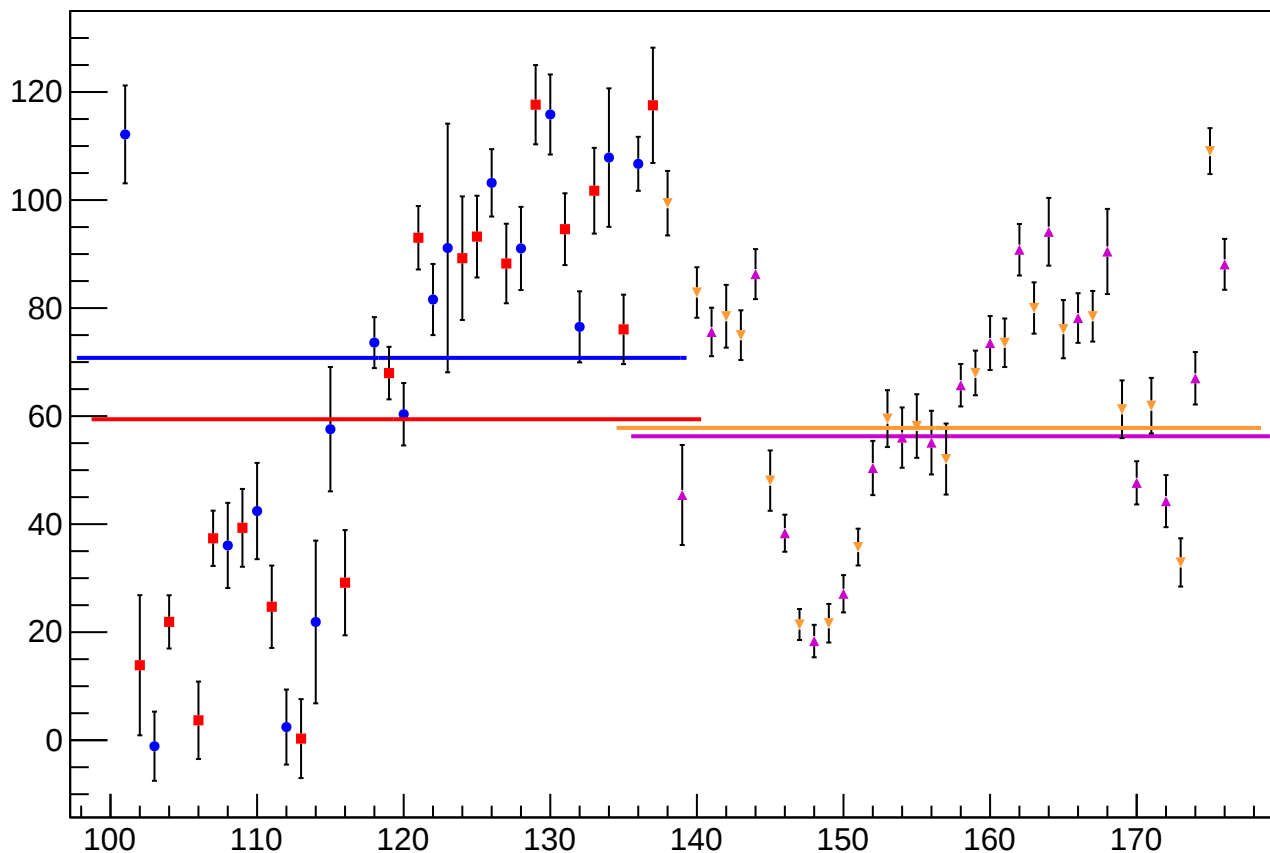
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 279.403 $\pm$ 1.124 χ^2 /NDF:5130.1/35

Out: 277.600 $\pm$ 1.105 χ^2 /NDF:5734.0/37

All: 278.487 $\pm$ 0.788 χ^2 /NDF: 10865.4/73

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: 57.818 $\pm$ 1.017 χ^2 /NDF: 661.5/19

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 56.268 $\pm$ 1.043 χ^2 /NDF: 530.7/18

Left: 57.063 $\pm$ 0.728 χ^2 /NDF: 1193.3/38

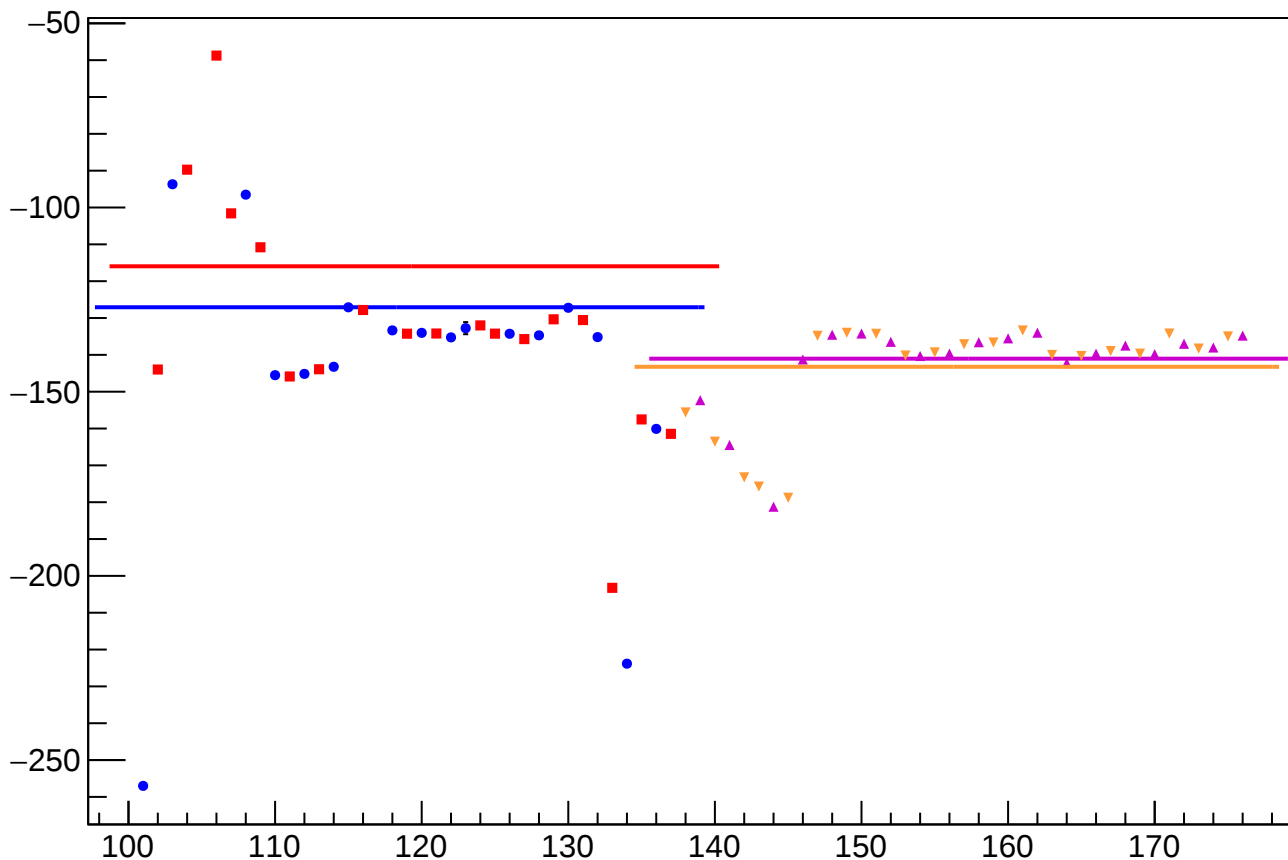
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 60.085 $\pm$ 0.896 χ^2 /NDF: 1005.5/35

Out: 58.266 $\pm$ 0.863 χ^2 /NDF: 1148.8/37

All: 59.142 $\pm$ 0.622 χ^2 /NDF: 2156.4/73

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -143.241 ± 0.049 $\chi^2/\text{NDF}: 75694.8/19$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -141.039 ± 0.049 $\chi^2/\text{NDF}: 45733.9/18$

Left: -142.130 ± 0.035 $\chi^2/\text{NDF}: 122436.5/38$

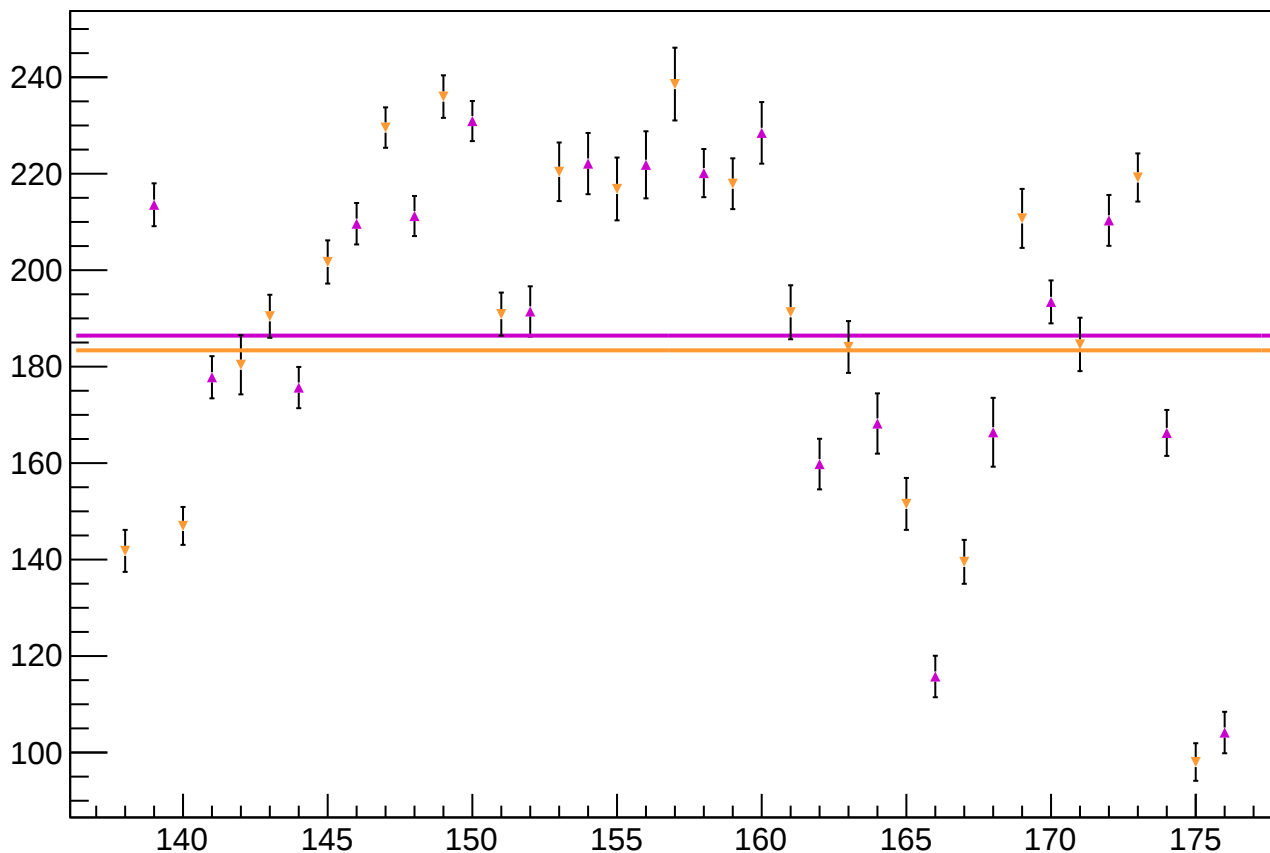
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -137.837 ± 0.043 $\chi^2/\text{NDF}: 231508.5/35$

Out: -136.134 ± 0.042 $\chi^2/\text{NDF}: 314541.6/37$

All: -136.975 ± 0.030 $\chi^2/\text{NDF}: 546848.3/73$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 183.379+/-1.103 χ^2/NDF :1304.8/19

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

Left In: 186.433+/-1.122 χ^2/NDF :1093.8/18

Left: 184.880+/-0.787 χ^2/NDF : 2402.4/38

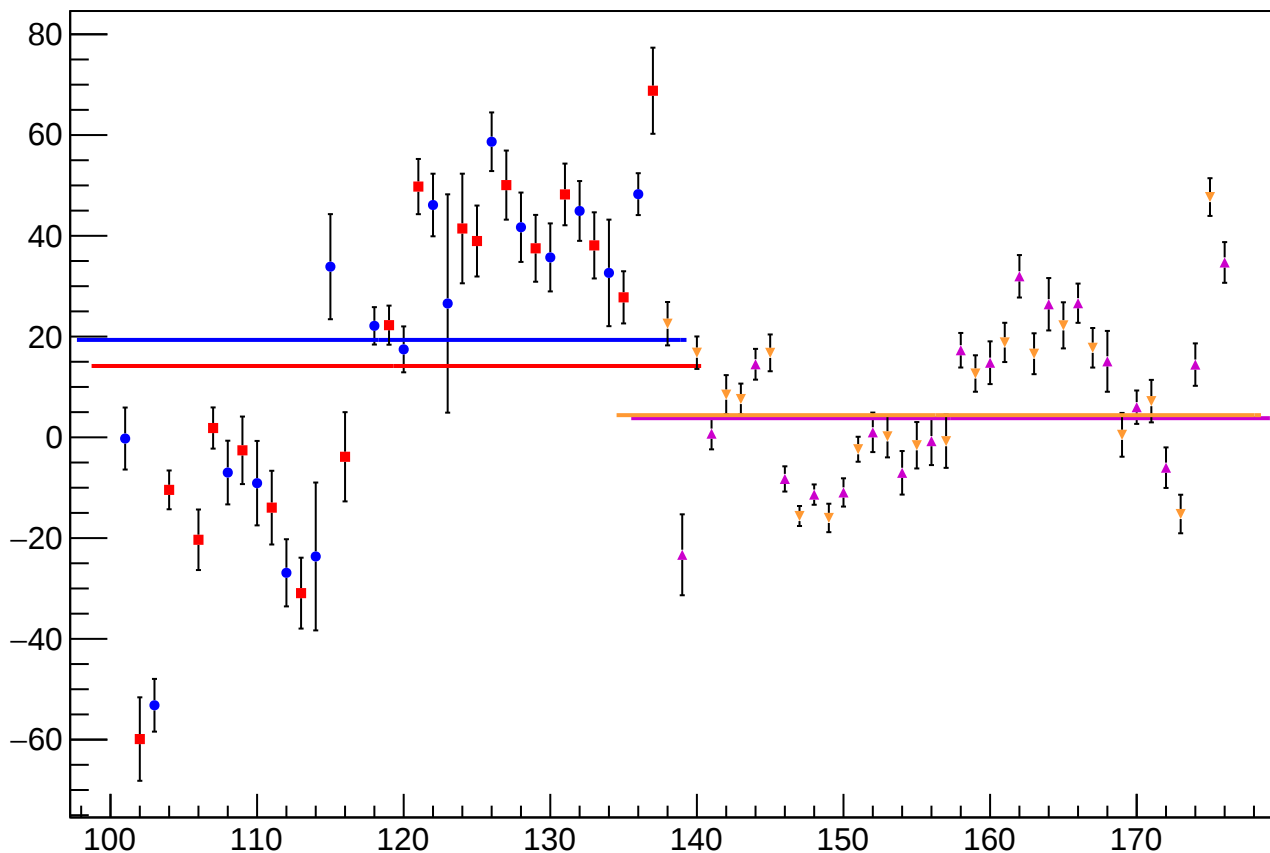
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.433+/-1.122 χ^2/NDF :1093.8/18

Out: 183.379+/-1.103 χ^2/NDF :1304.8/19

All: 184.880+/-0.787 χ^2/NDF : 2402.4/38

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 4.403 ± 0.780 χ^2/NDF : 427.0/19

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: 3.801 ± 0.812 χ^2/NDF : 334.6/18

Left: 4.114 ± 0.562 χ^2/NDF : 761.9/38

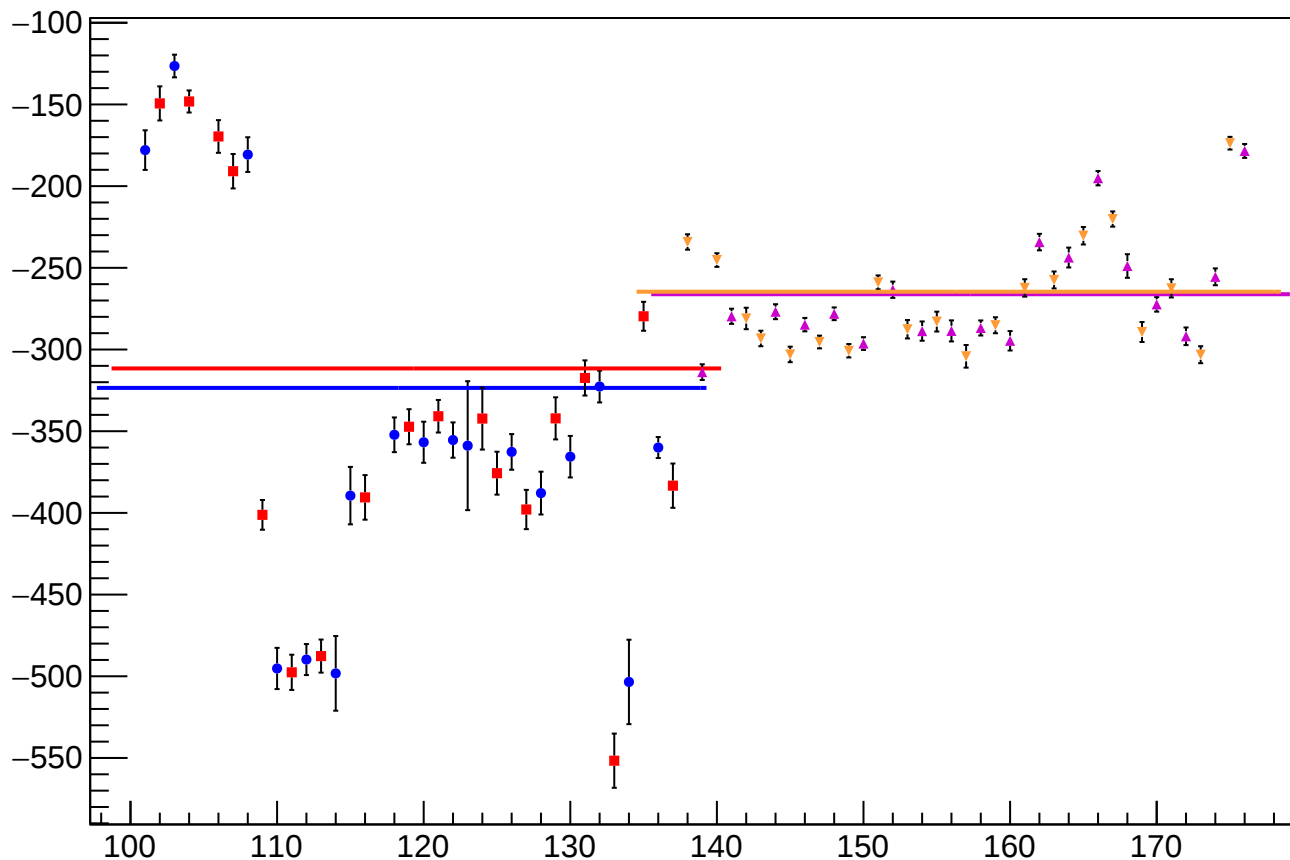
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 7.384 ± 0.712 χ^2/NDF : 859.0/35

Out: 6.735 ± 0.680 χ^2/NDF : 890.5/37

All: 7.045 ± 0.492 χ^2/NDF : 1749.9/73

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -264.626 ± 1.098 $\chi^2/\text{NDF}: 1139.5/19$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -266.161 ± 1.110 $\chi^2/\text{NDF}: 1049.1/18$

Left: -265.385 ± 0.780 $\chi^2/\text{NDF}: 2189.6/38$

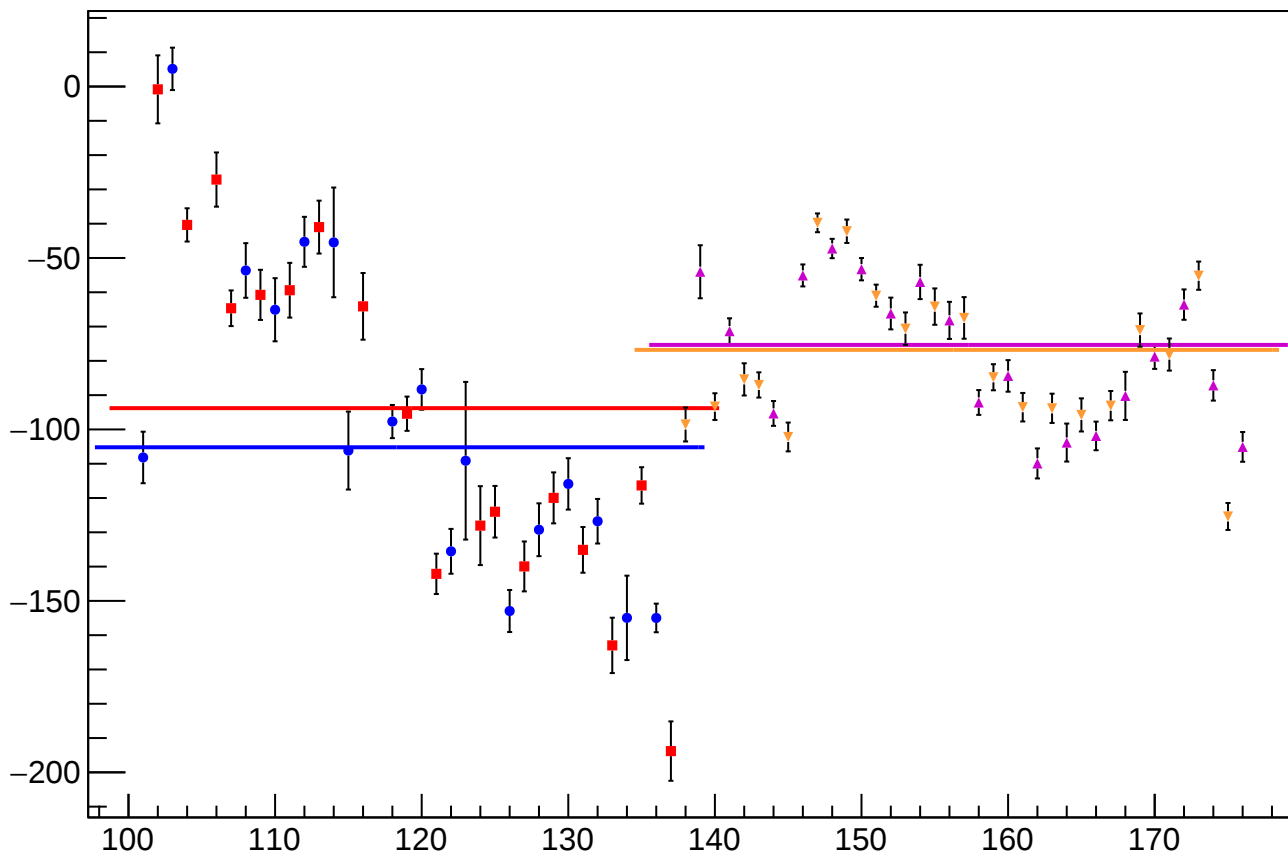
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -274.592 ± 1.025 $\chi^2/\text{NDF}: 3289.1/35$

Out: -272.079 ± 1.007 $\chi^2/\text{NDF}: 3673.7/37$

All: -273.313 ± 0.718 $\chi^2/\text{NDF}: 6965.8/73$

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: -76.799 ± 0.914 χ^2/NDF : 652.9/19

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -75.348 ± 0.945 χ^2/NDF : 464.8/18

Left: -76.098 ± 0.657 χ^2/NDF : 1118.8/38

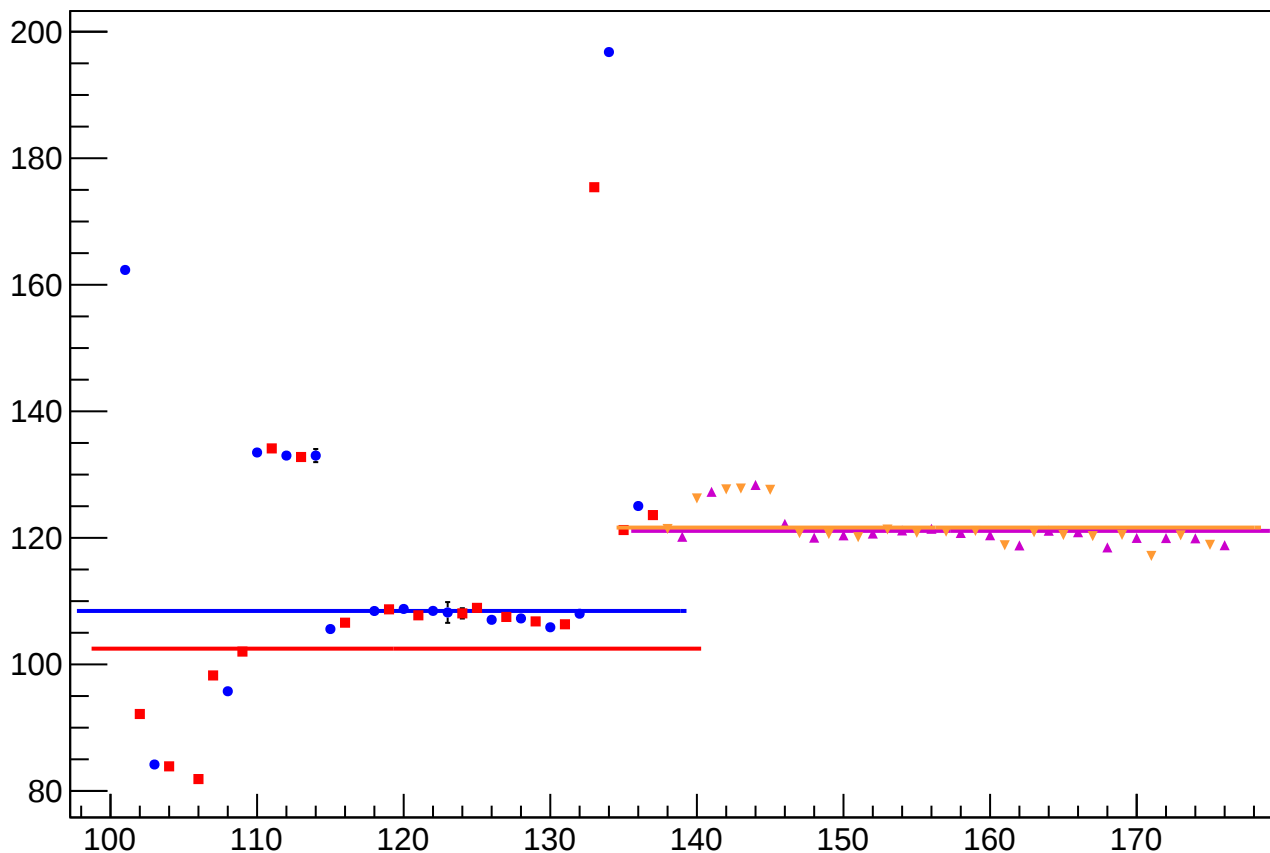
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.415 ± 0.825 χ^2/NDF : 1436.7/35

Out: -80.937 ± 0.795 χ^2/NDF : 1552.4/37

All: -81.648 ± 0.573 χ^2/NDF : 2990.8/73

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.626 $\pm$ 0.044 χ^2 /NDF: 4455.7/19

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.104 $\pm$ 0.044 χ^2 /NDF: 3024.2/18

Left: 121.365 $\pm$ 0.031 χ^2 /NDF: 7550.0/38

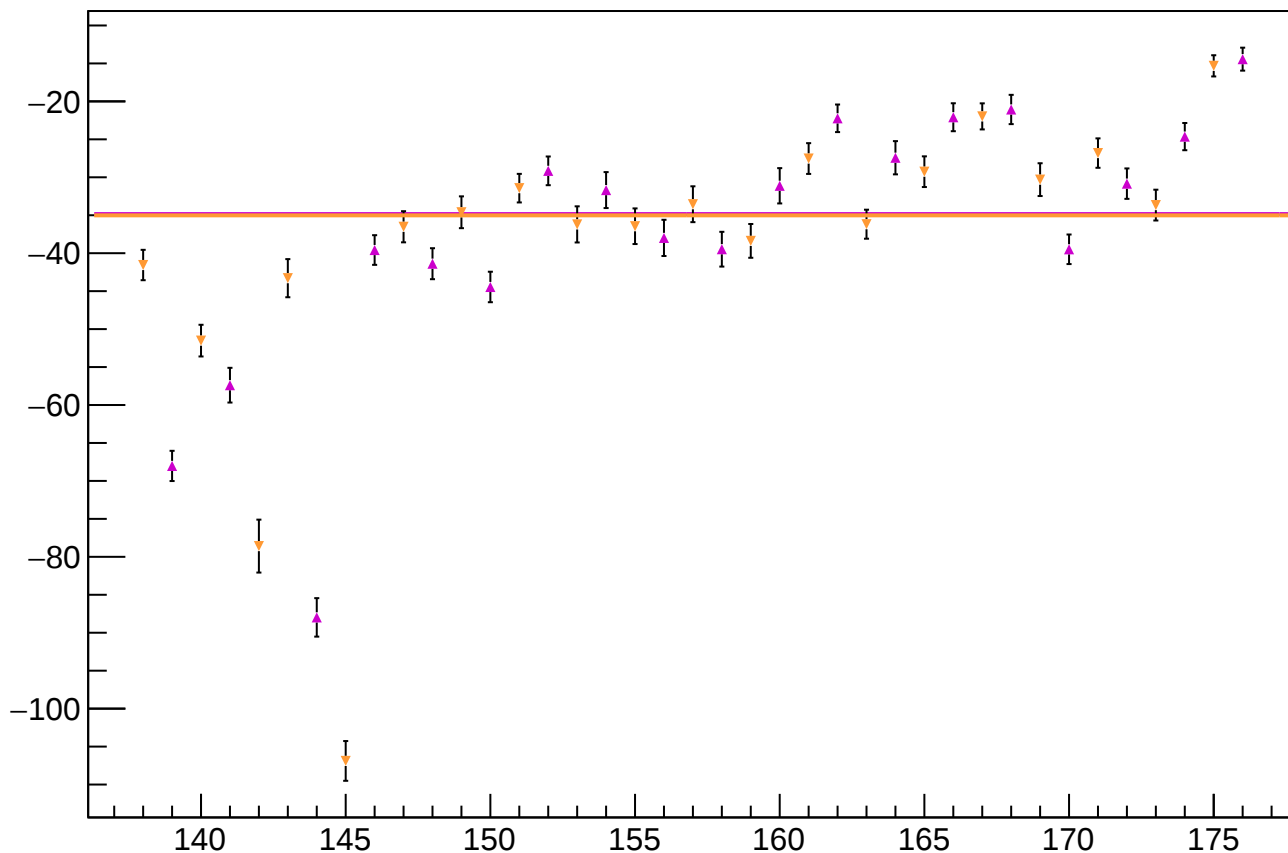
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.416 $\pm$ 0.039 χ^2 /NDF: 93835.6/35

Out: 117.136 $\pm$ 0.039 χ^2 /NDF: 101595.6/37

All: 117.767 $\pm$ 0.027 χ^2 /NDF: 195974.8/73

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: -35.013+/-0.462 χ^2/NDF :1302.6/19

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

Left In: -34.850+/-0.462 χ^2/NDF :1255.4/18

Left: -34.931+/-0.326 χ^2/NDF : 2558.0/38

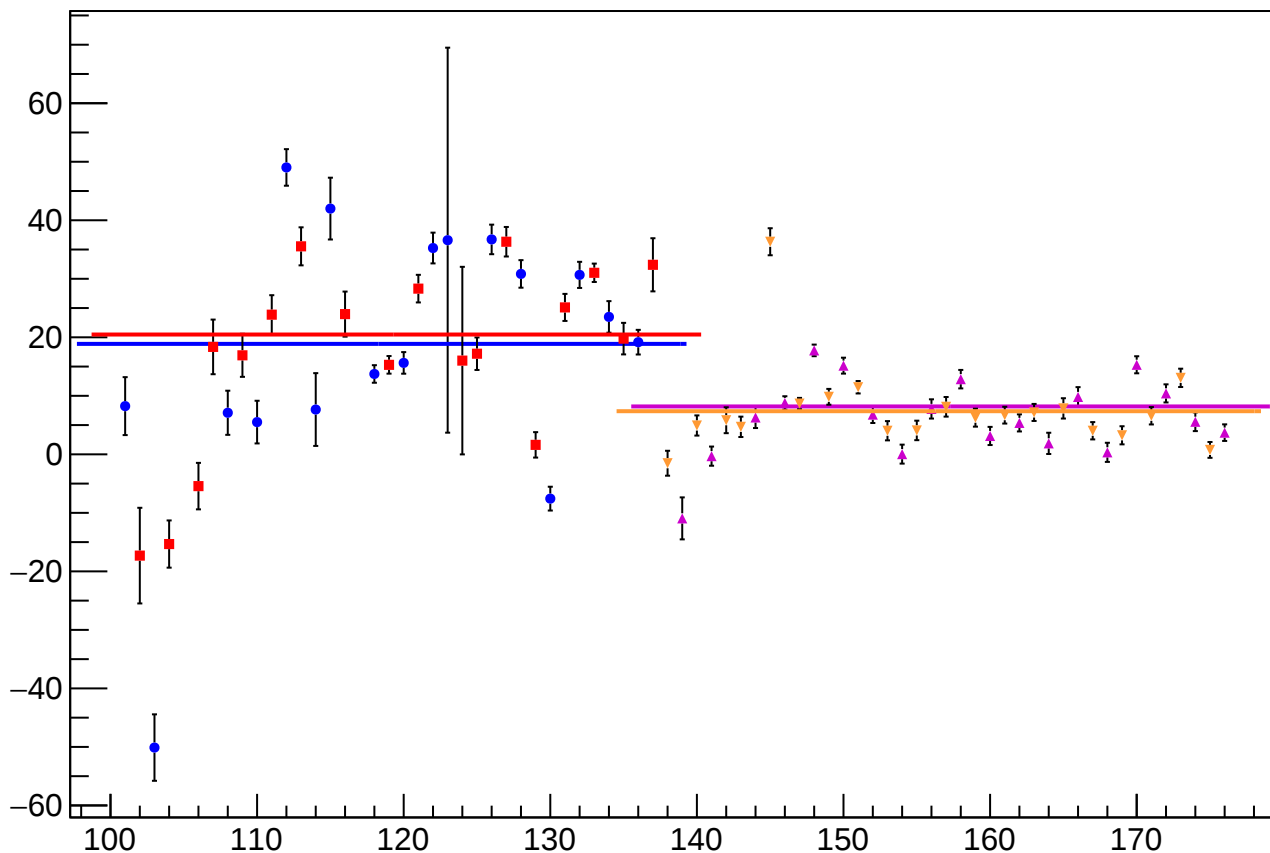
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.850+/-0.462 χ^2/NDF :1255.4/18

Out: -35.013+/-0.462 χ^2/NDF :1302.6/19

All: -34.931+/-0.326 χ^2/NDF : 2558.0/38

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 7.371 $\pm$ 0.336 χ^2 /NDF:258.0/19

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 8.185 $\pm$ 0.345 χ^2 /NDF:300.1/18

Left: 7.768 $\pm$ 0.241 χ^2 /NDF: 560.9/38

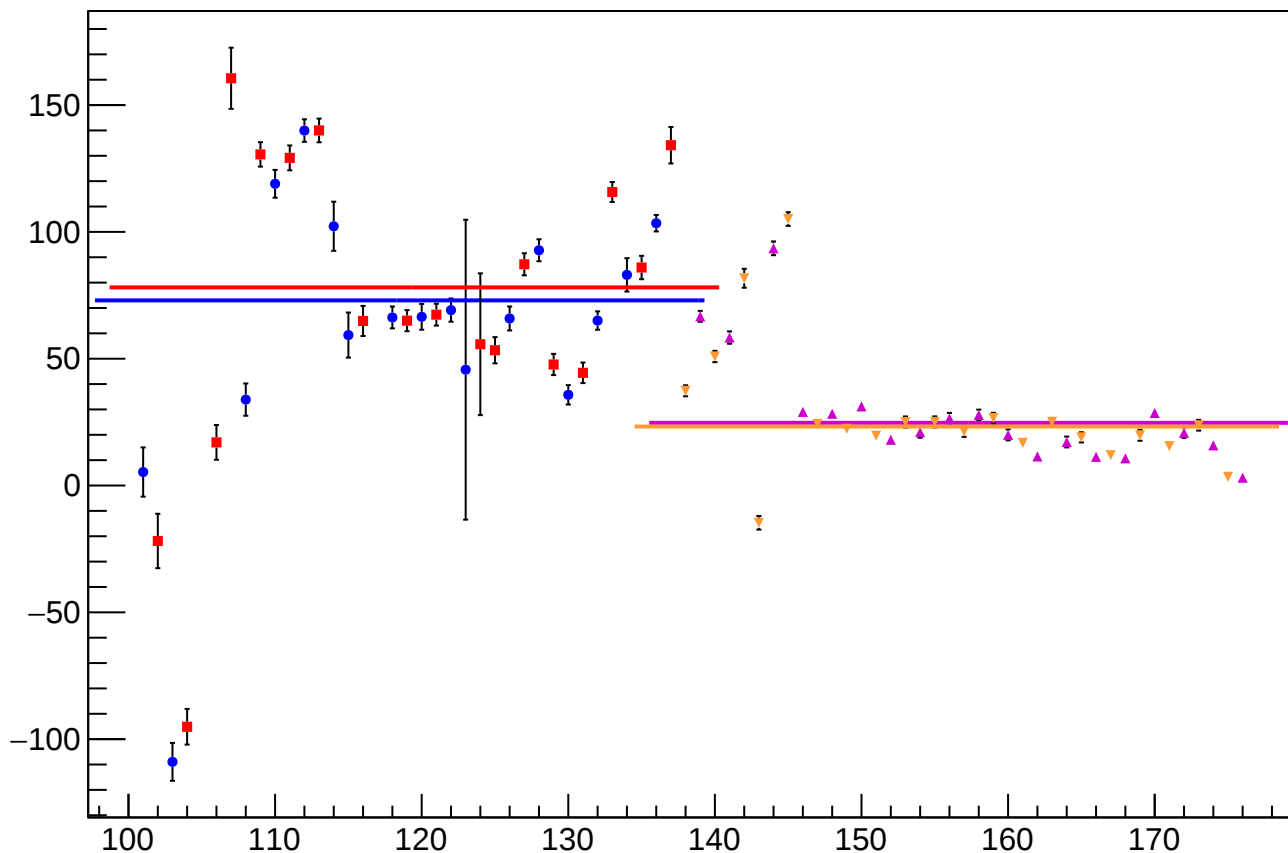
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 10.562 $\pm$ 0.304 χ^2 /NDF:1134.6/35

Out: 10.179 $\pm$ 0.298 χ^2 /NDF:946.1/37

All: 10.367 $\pm$ 0.213 χ^2 /NDF: 2081.5/73

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 23.257 ± 0.456 χ^2/NDF : 1845.8/19

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 24.714 ± 0.455 χ^2/NDF : 1669.5/18

Left: 23.987 ± 0.322 χ^2/NDF : 3520.4/38

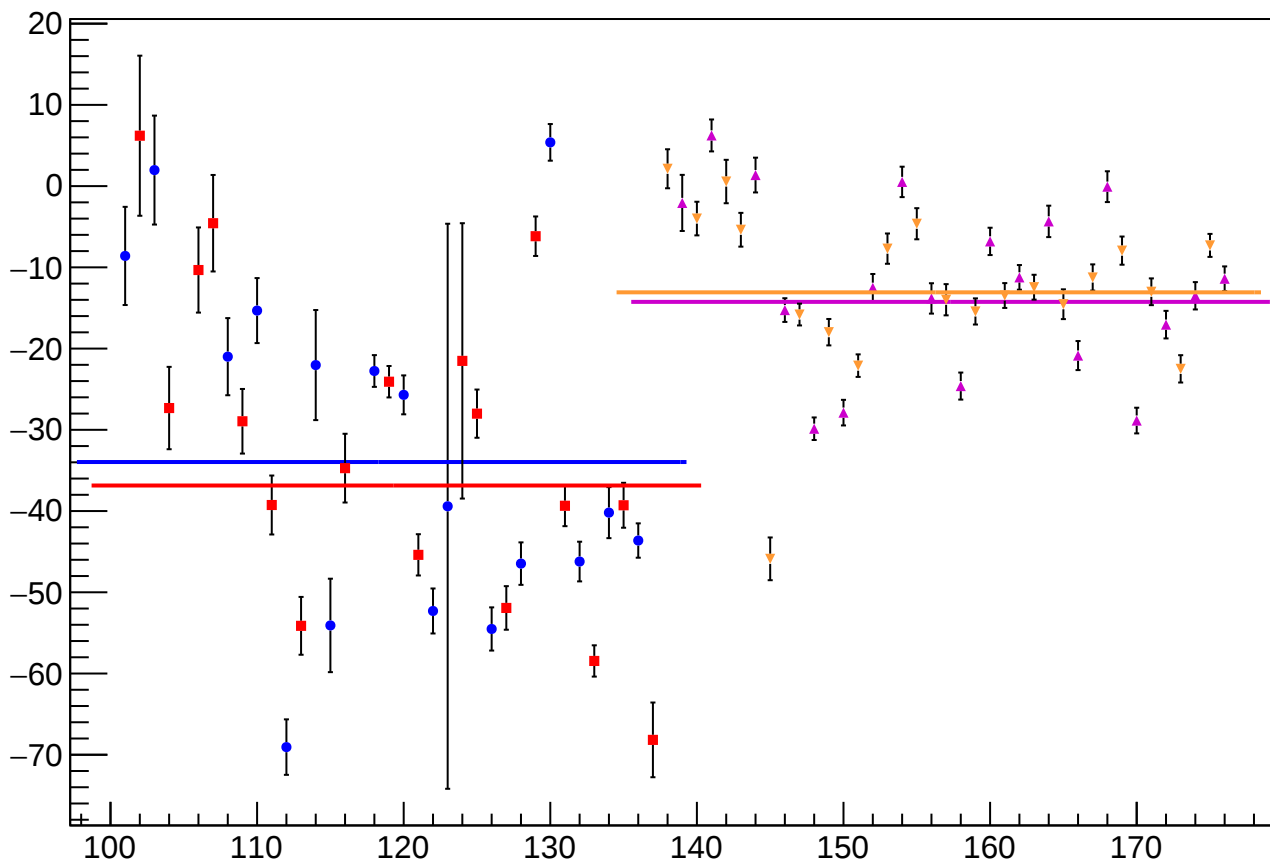
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 30.534 ± 0.427 χ^2/NDF : 4229.8/35

Out: 29.943 ± 0.427 χ^2/NDF : 5157.2/37

All: 30.239 ± 0.302 χ^2/NDF : 9387.9/73

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: -13.076 ± 0.387 χ^2/NDF : 399.3/19

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.251 ± 0.395 χ^2/NDF : 689.5/18

Left: -13.651 ± 0.276 χ^2/NDF : 1093.3/38

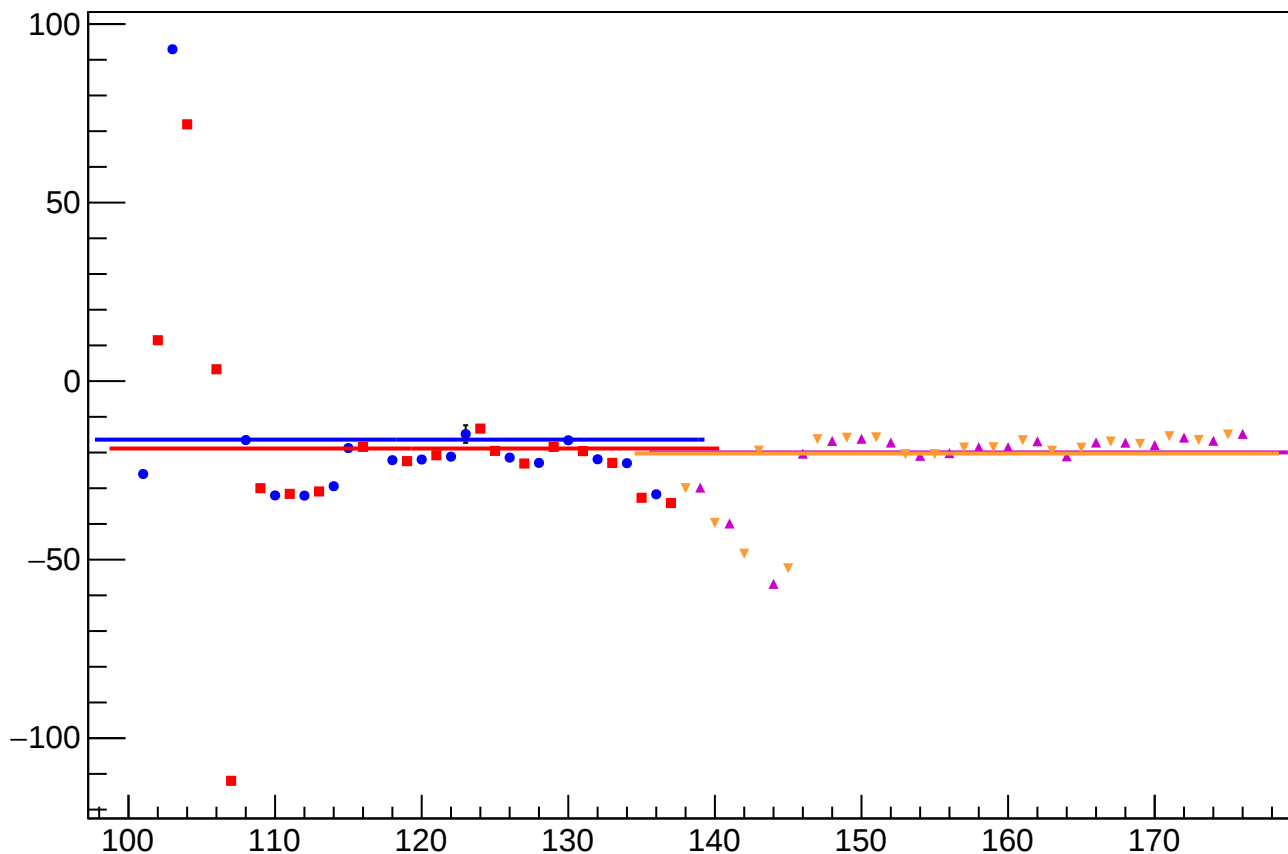
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.643 ± 0.348 χ^2/NDF : 1966.6/35

Out: -18.212 ± 0.342 χ^2/NDF : 1751.0/37

All: -18.424 ± 0.244 χ^2/NDF : 3718.4/73

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: -20.274 ± 0.018 $\chi^2/\text{NDF}: 208103.1/19$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -19.969 ± 0.018 $\chi^2/\text{NDF}: 177475.7/18$

Left: -20.119 ± 0.013 $\chi^2/\text{NDF}: 385724.3/38$

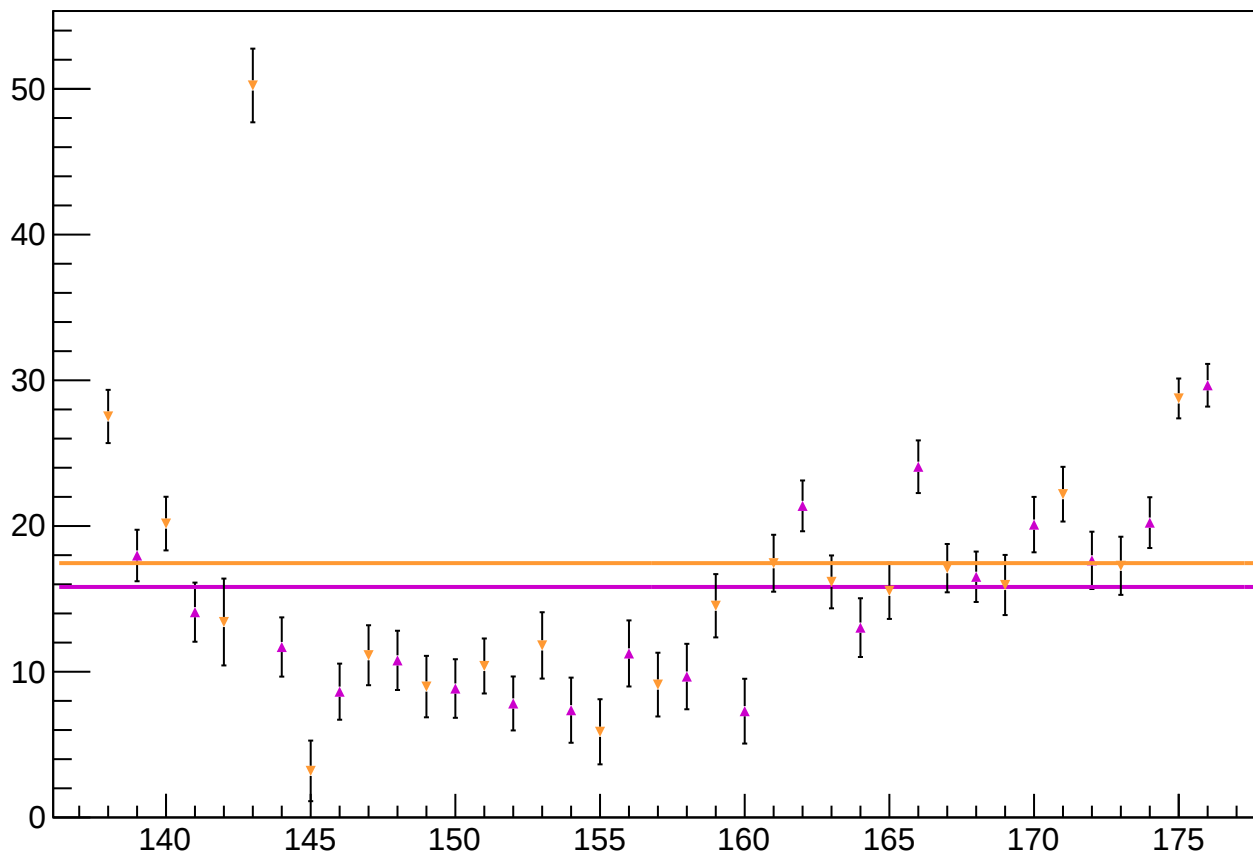
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -19.474 ± 0.017 $\chi^2/\text{NDF}: 657366.9/35$

Out: -20.082 ± 0.017 $\chi^2/\text{NDF}: 642301.3/37$

All: -19.774 ± 0.012 $\chi^2/\text{NDF}: 1300336.8/73$

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: 17.454+/-0.440 χ^2/NDF :415.2/19

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

Left In: 15.818+/-0.439 χ^2/NDF :232.4/18

Left: 16.633+/-0.311 χ^2/NDF : 654.5/38

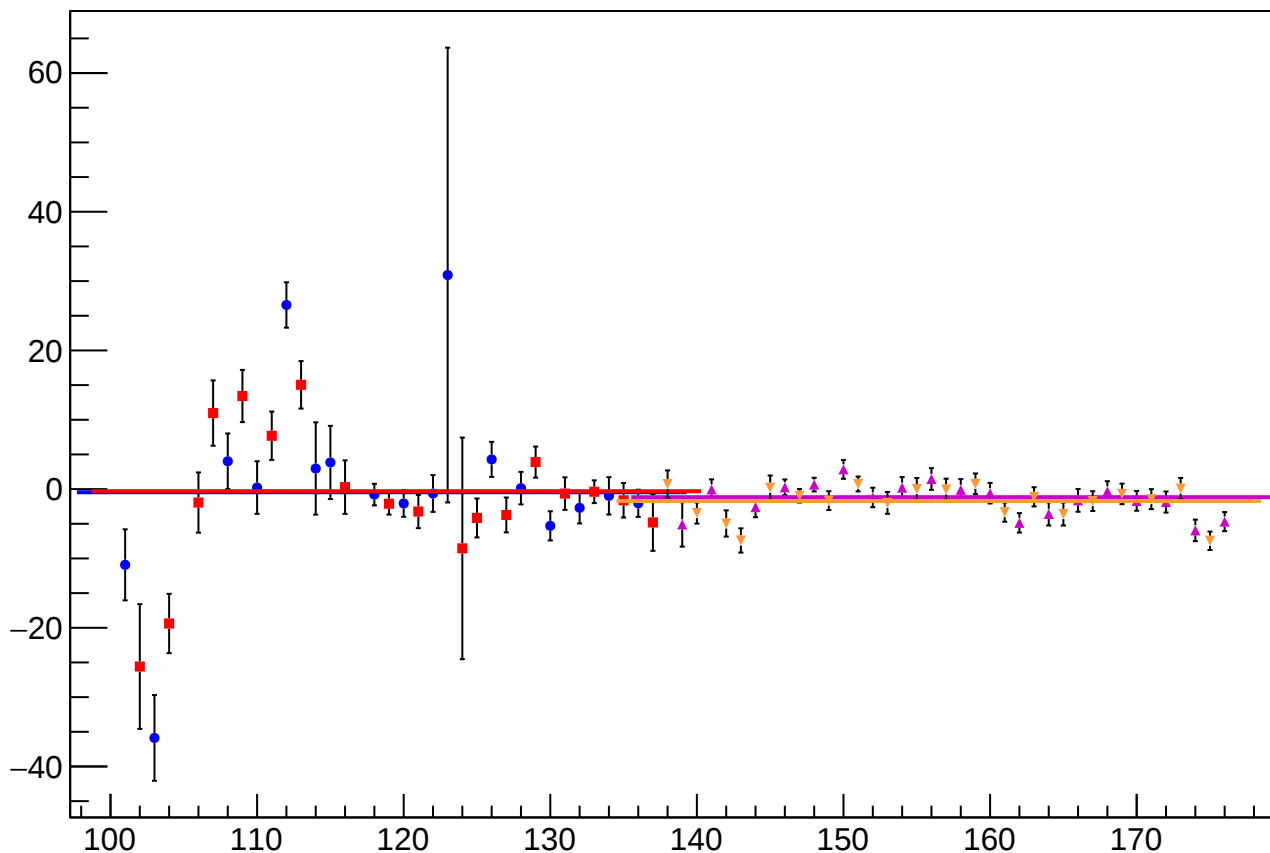
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.818+/-0.439 χ^2/NDF :232.4/18

Out: 17.454+/-0.440 χ^2/NDF :415.2/19

All: 16.633+/-0.311 χ^2/NDF : 654.5/38

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: -1.723 ± 0.323 χ^2/NDF : 51.9/19

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.165 ± 0.330 χ^2/NDF : 46.8/18

Left: -1.450 ± 0.231 χ^2/NDF : 100.1/38

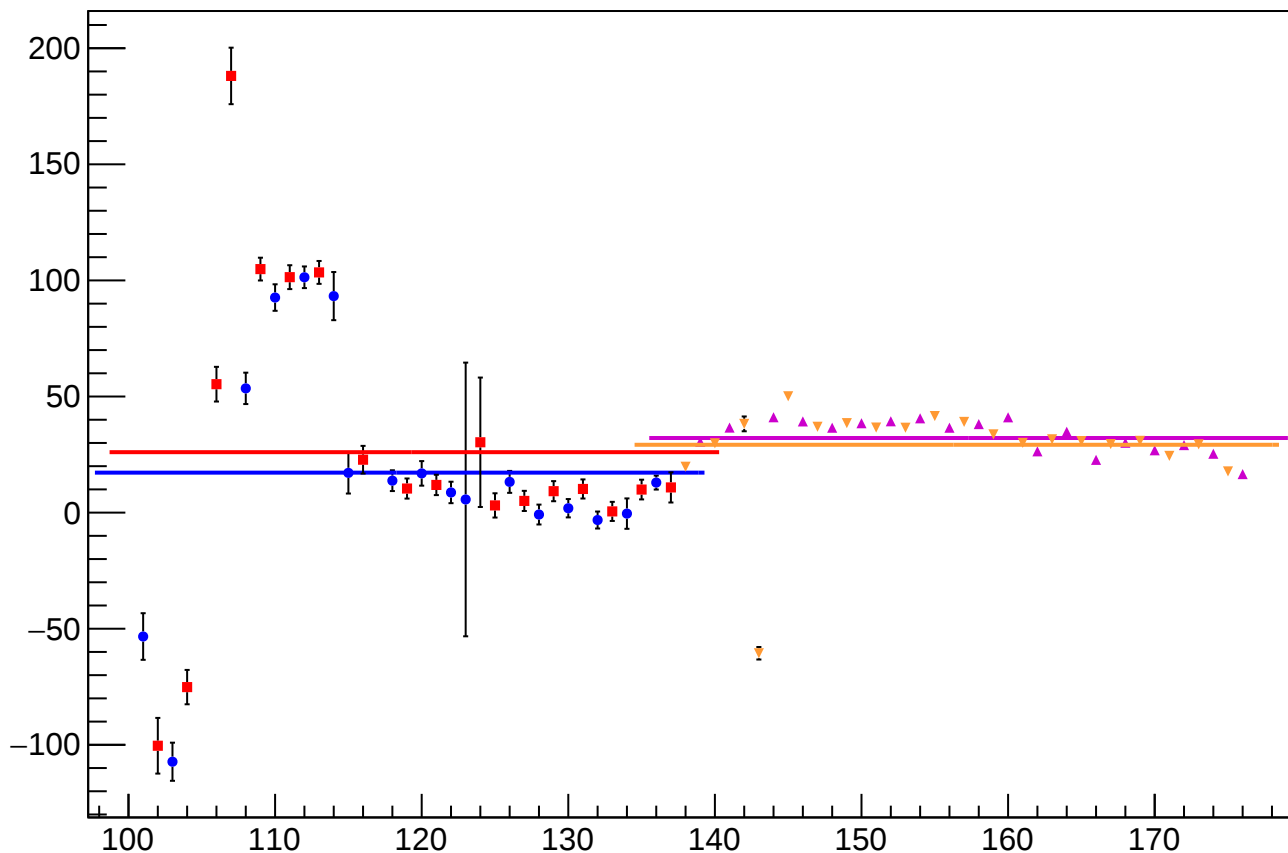
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.020 ± 0.295 χ^2/NDF : 167.3/35

Out: -1.447 ± 0.290 χ^2/NDF : 139.7/37

All: -1.237 ± 0.207 χ^2/NDF : 308.1/73

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2 /NDF: 940.1/16

Left Out: 29.216+/-0.436 χ^2 /NDF:1443.4/19

Right Out: 26.032+/-1.244 χ^2 /NDF: 1366.0/17

Left In: 32.131+/-0.434 χ^2 /NDF:297.3/18

Left: 30.681+/-0.308 χ^2 /NDF: 1763.2/38

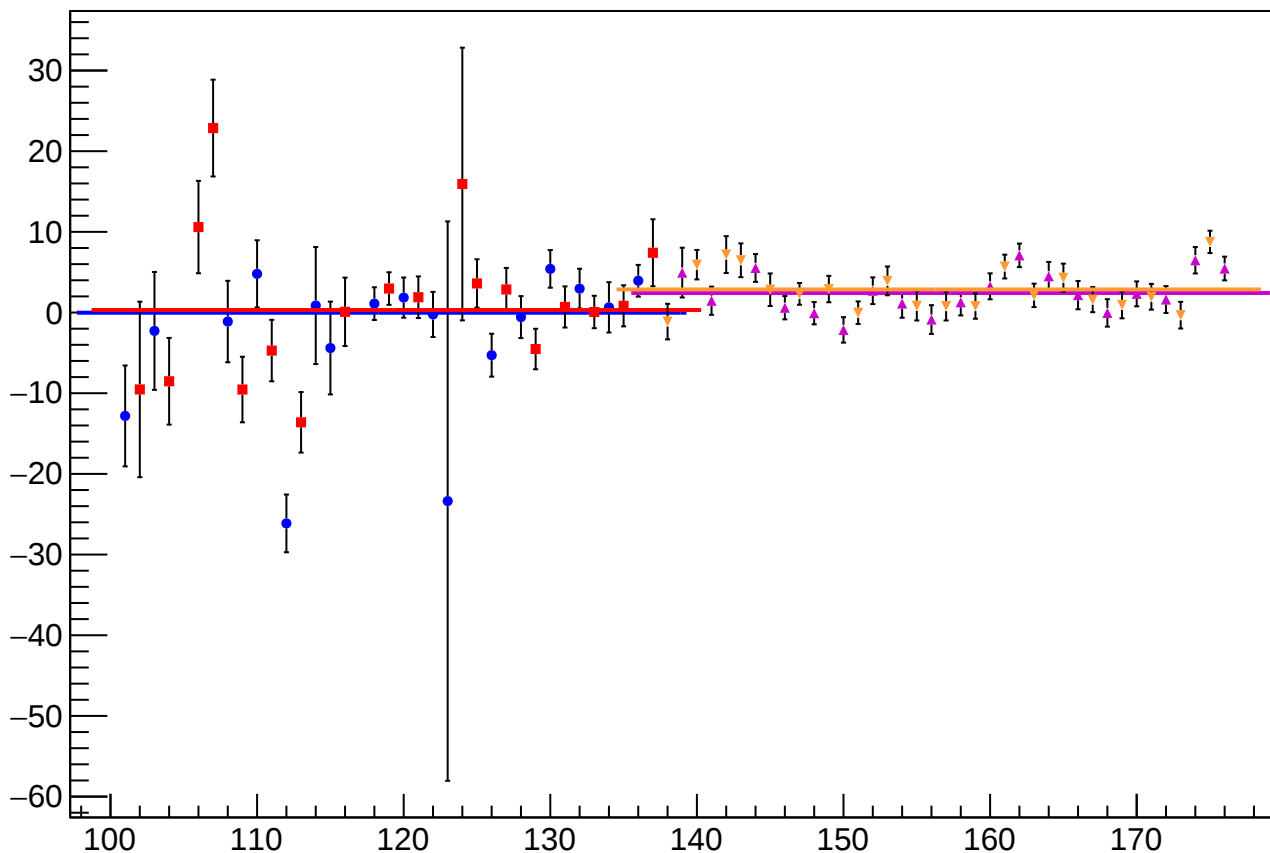
Right: 21.614+/-0.879 χ^2 /NDF: 2331.3/34

In: 30.506+/-0.410 χ^2 /NDF:1366.1/35

Out: 28.868+/-0.412 χ^2 /NDF:2815.2/37

All: 29.691+/-0.290 χ^2 /NDF: 4189.3/73

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: 2.862 ± 0.371 χ^2/NDF : 50.4/19

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.424 ± 0.378 χ^2/NDF : 46.6/18

Left: 2.647 ± 0.265 χ^2/NDF : 97.7/38

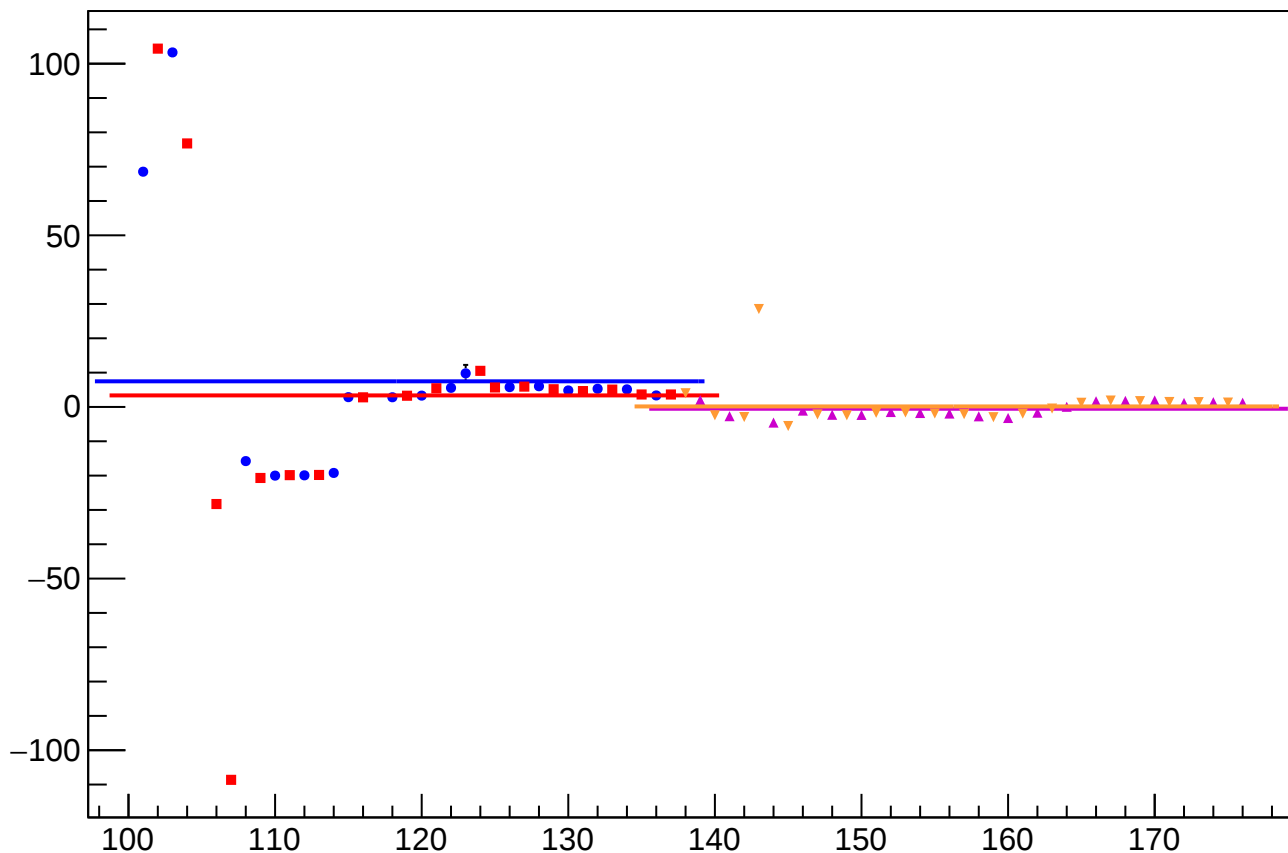
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.924 ± 0.337 χ^2/NDF : 131.0/35

Out: 2.359 ± 0.333 χ^2/NDF : 113.8/37

All: 2.144 ± 0.237 χ^2/NDF : 245.7/73

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.151 $\pm$ 0.017 χ^2 /NDF: 86782.1/19

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -0.523 $\pm$ 0.017 χ^2 /NDF: 13513.7/18

Left: -0.191 $\pm$ 0.012 χ^2 /NDF: 101076.0/38

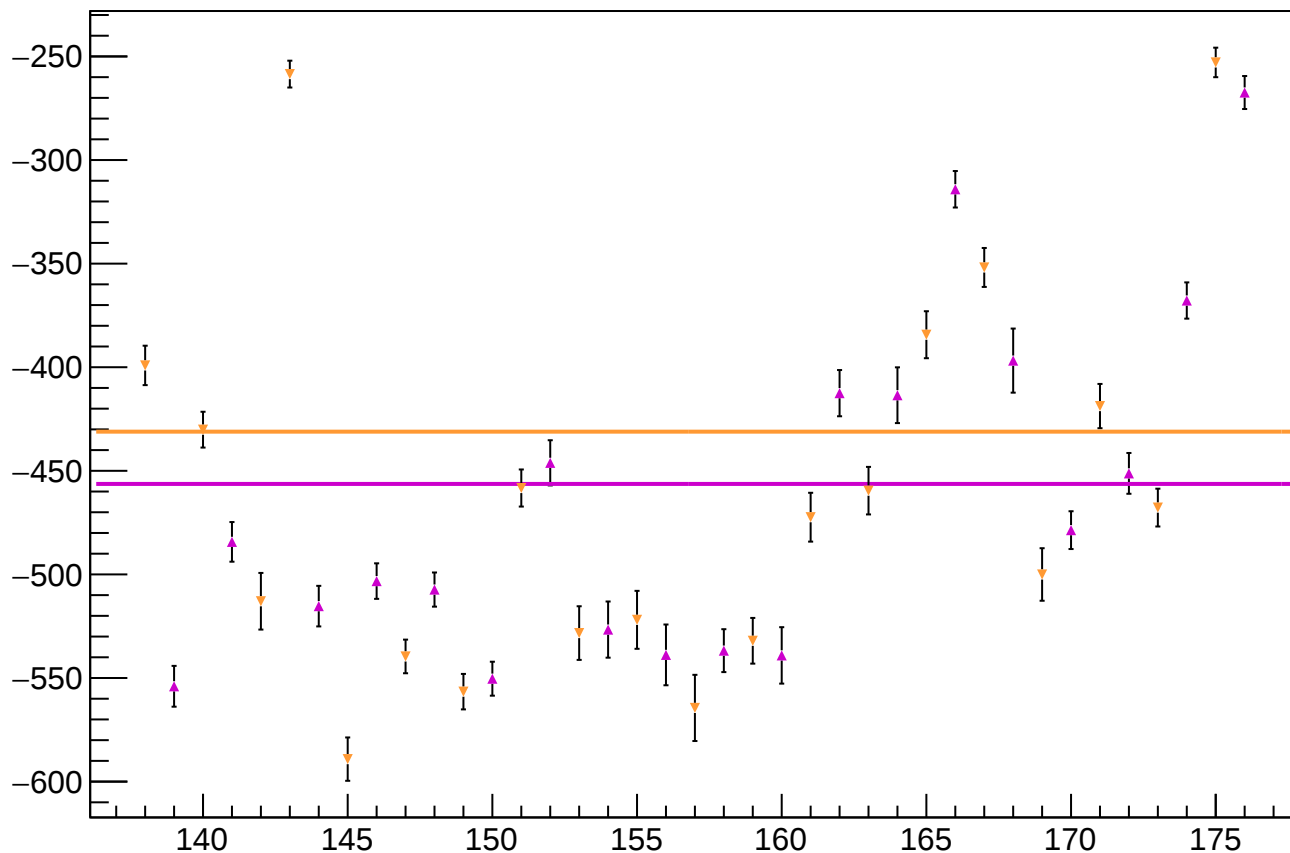
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.488 $\pm$ 0.016 χ^2 /NDF: 397600.9/35

Out: 0.552 $\pm$ 0.016 χ^2 /NDF: 595932.9/37

All: 0.519 $\pm$ 0.011 χ^2 /NDF: 993541.7/73

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: -431.096+/-2.193 χ^2/NDF :2419.4/19

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

Left In: -456.330+/-2.295 χ^2/NDF :1472.8/18

Left: -443.144+/-1.586 χ^2/NDF : 3955.5/38

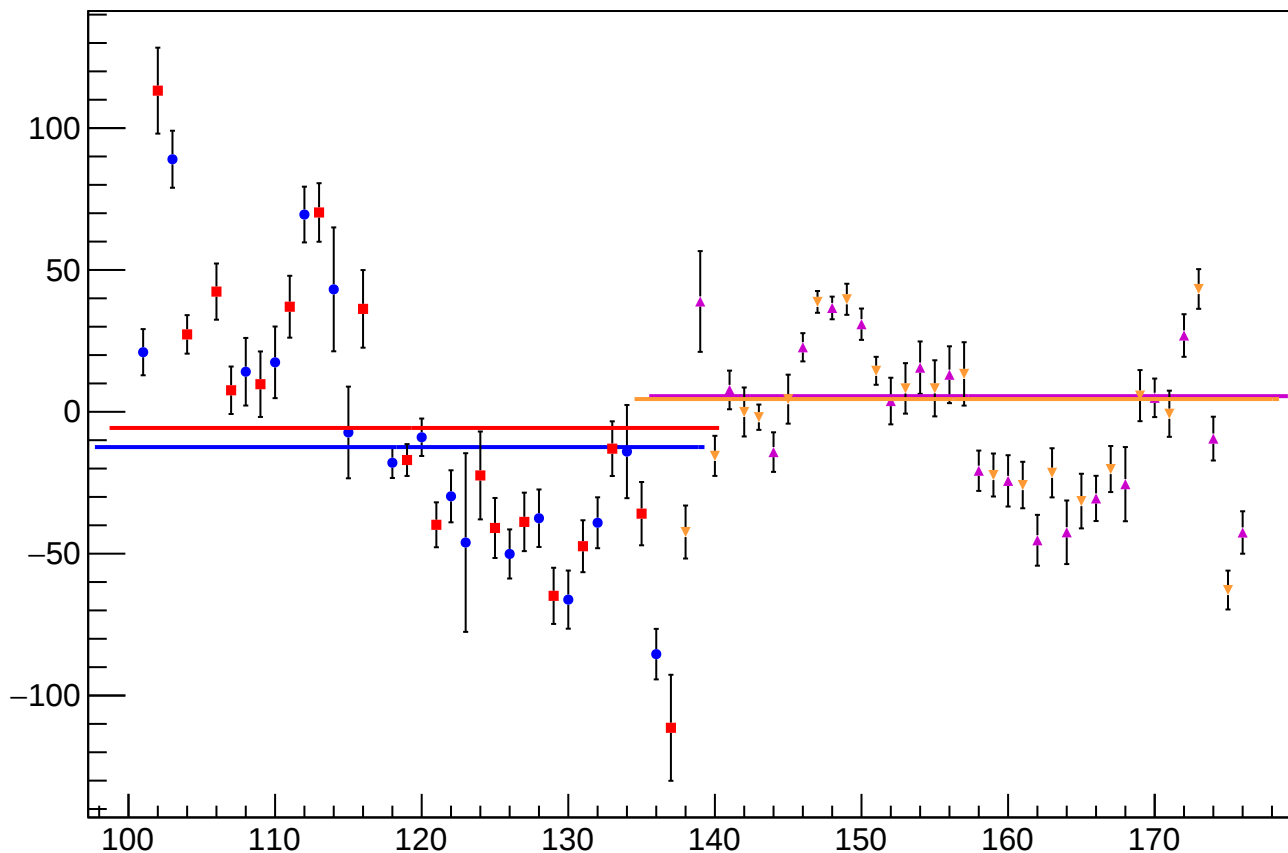
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.330+/-2.295 χ^2/NDF :1472.8/18

Out: -431.096+/-2.193 χ^2/NDF :2419.4/19

All: -443.144+/-1.586 χ^2/NDF : 3955.5/38

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: 4.500 ± 1.538 χ^2/NDF : 347.3/19

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 5.524 ± 1.653 χ^2/NDF : 261.5/18

Left: 4.975 ± 1.126 χ^2/NDF : 609.0/38

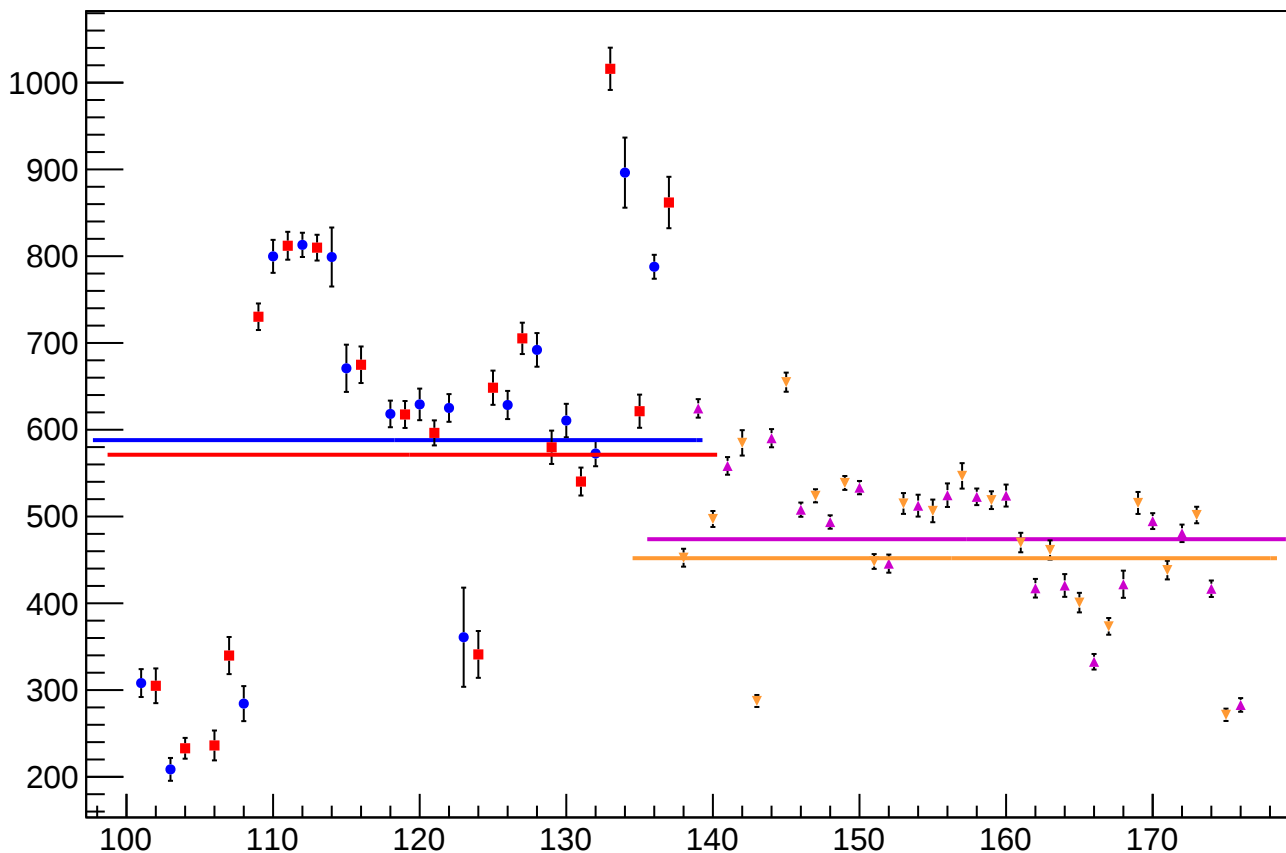
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -0.541 ± 1.345 χ^2/NDF : 641.5/35

Out: 1.280 ± 1.272 χ^2/NDF : 694.8/37

All: 0.420 ± 0.924 χ^2/NDF : 1337.3/73

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: 451.961 $\pm$ 2.186 χ^2 /NDF:2138.7/19

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 473.863 $\pm$ 2.268 χ^2 /NDF:1481.4/18

Left: 462.507 $\pm$ 1.574 χ^2 /NDF: 3668.4/38

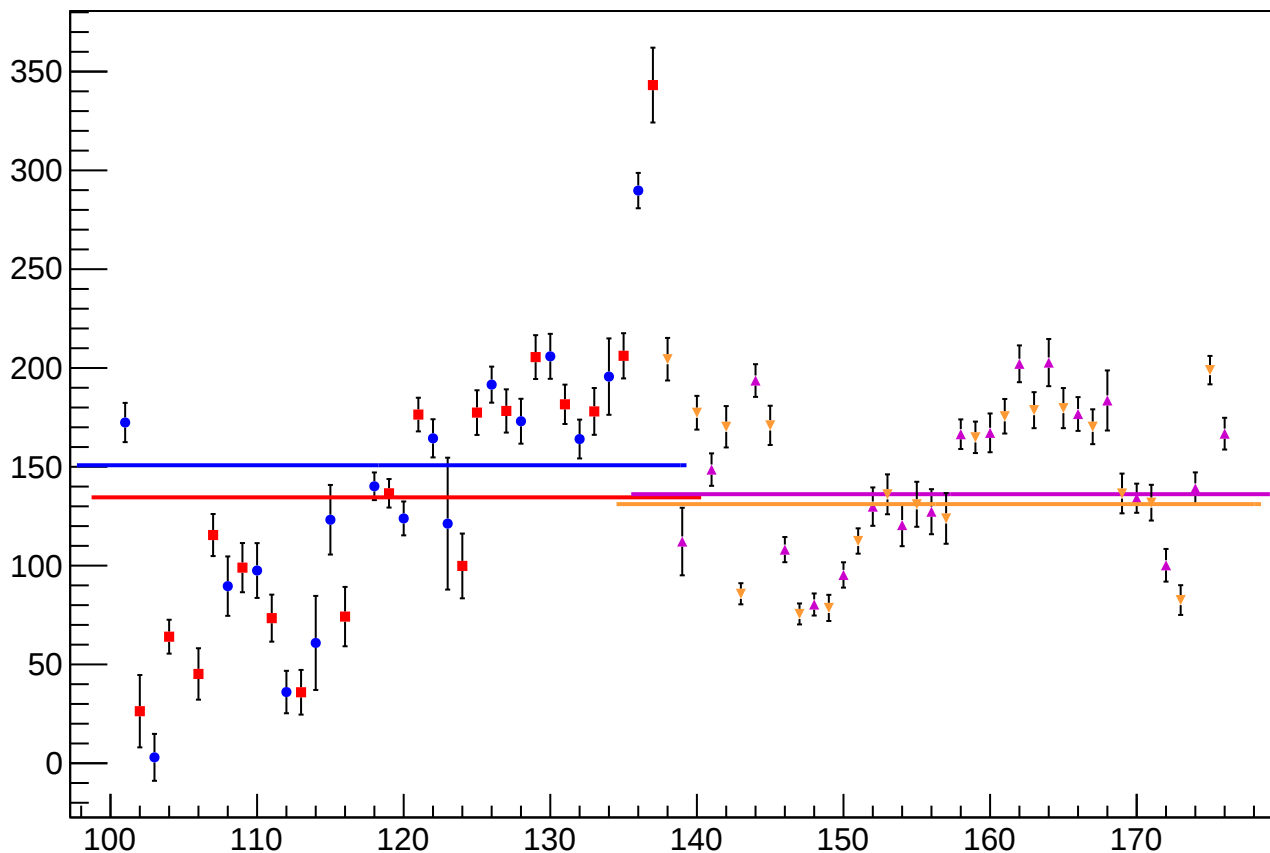
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 498.453 $\pm$ 2.009 χ^2 /NDF:4154.9/35

Out: 477.848 $\pm$ 1.934 χ^2 /NDF:5465.1/37

All: 487.758 $\pm$ 1.393 χ^2 /NDF: 9674.6/73

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: 131.120 $\pm$ 1.809 χ^2 /NDF: 604.0/19

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 136.149 $\pm$ 1.927 χ^2 /NDF: 389.4/18

Left: 133.477 $\pm$ 1.319 χ^2 /NDF: 997.1/38

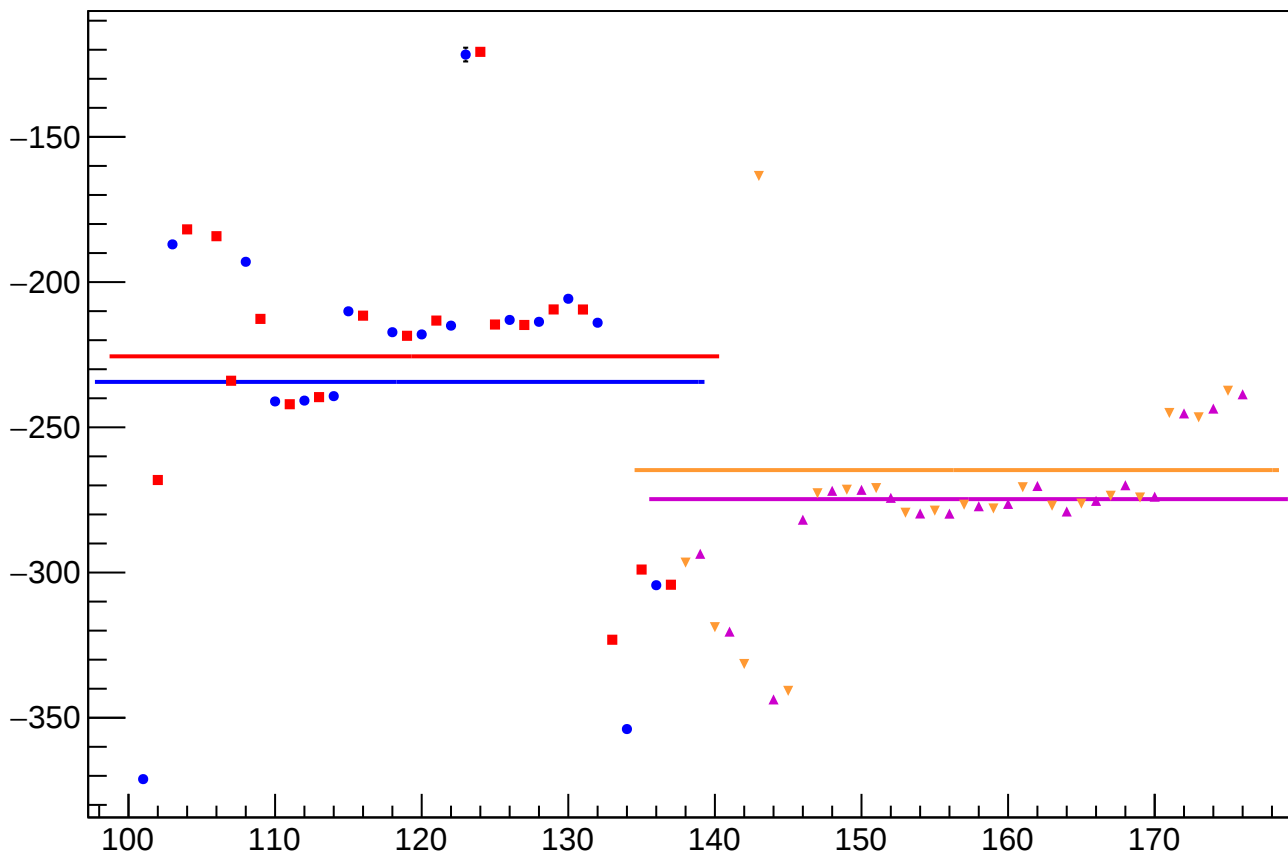
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.138 $\pm$ 1.564 χ^2 /NDF: 1042.2/35

Out: 132.228 $\pm$ 1.489 χ^2 /NDF: 1181.4/37

All: 136.462 $\pm$ 1.078 χ^2 /NDF: 2240.7/73

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: -264.728+/-0.088 χ^2/NDF : 219368.9/19

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -274.726+/-0.090 χ^2/NDF : 63441.7/18

Left: -269.614+/-0.063 χ^2/NDF : 289090.8/38

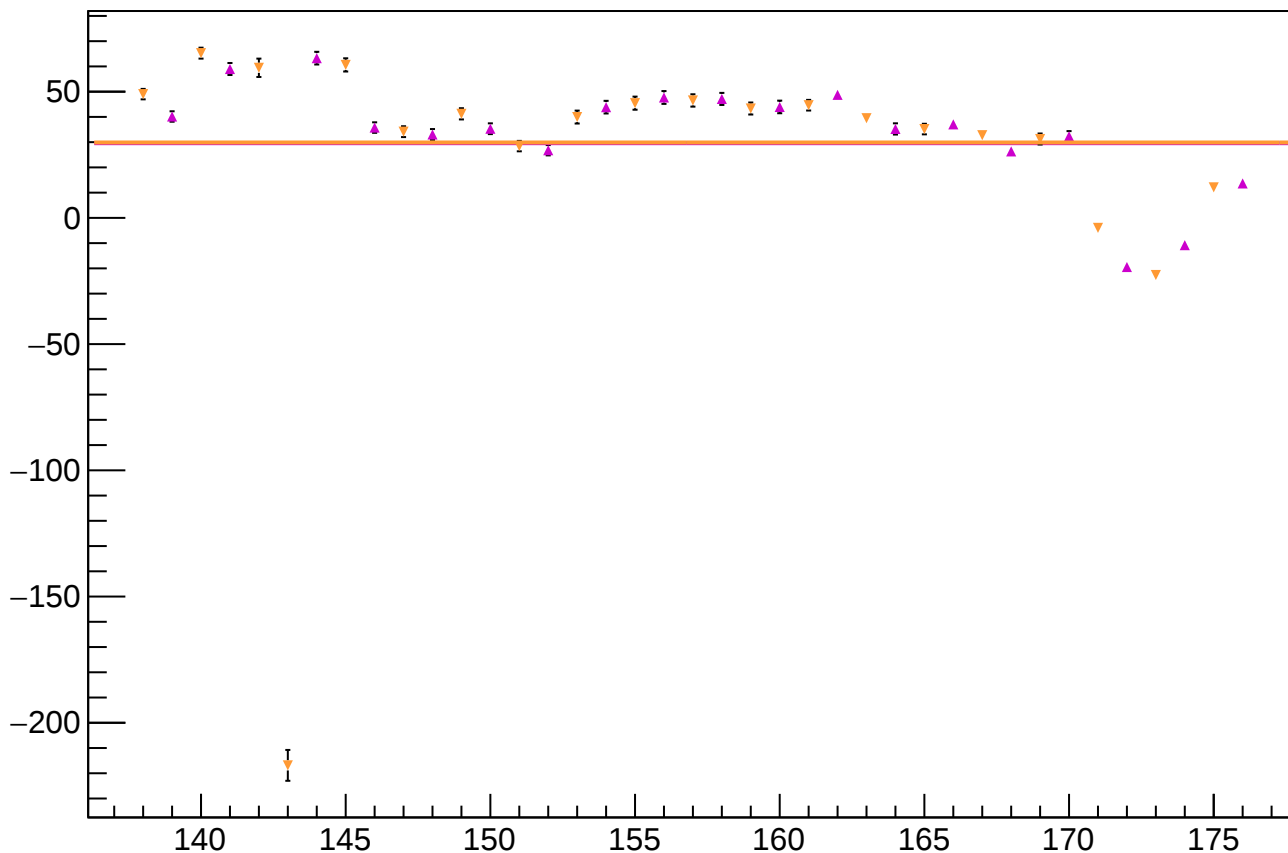
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -263.843+/-0.077 χ^2/NDF : 262583.5/35

Out: -253.816+/-0.075 χ^2/NDF : 367263.2/37

All: -258.686+/-0.054 χ^2/NDF : 638547.2/73

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 29.867 $\pm$ 0.484 χ^2 /NDF:3635.1/19

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

Left In: 29.596 $\pm$ 0.474 χ^2 /NDF:2006.8/18

Left: 29.729 $\pm$ 0.339 χ^2 /NDF: 5642.1/38

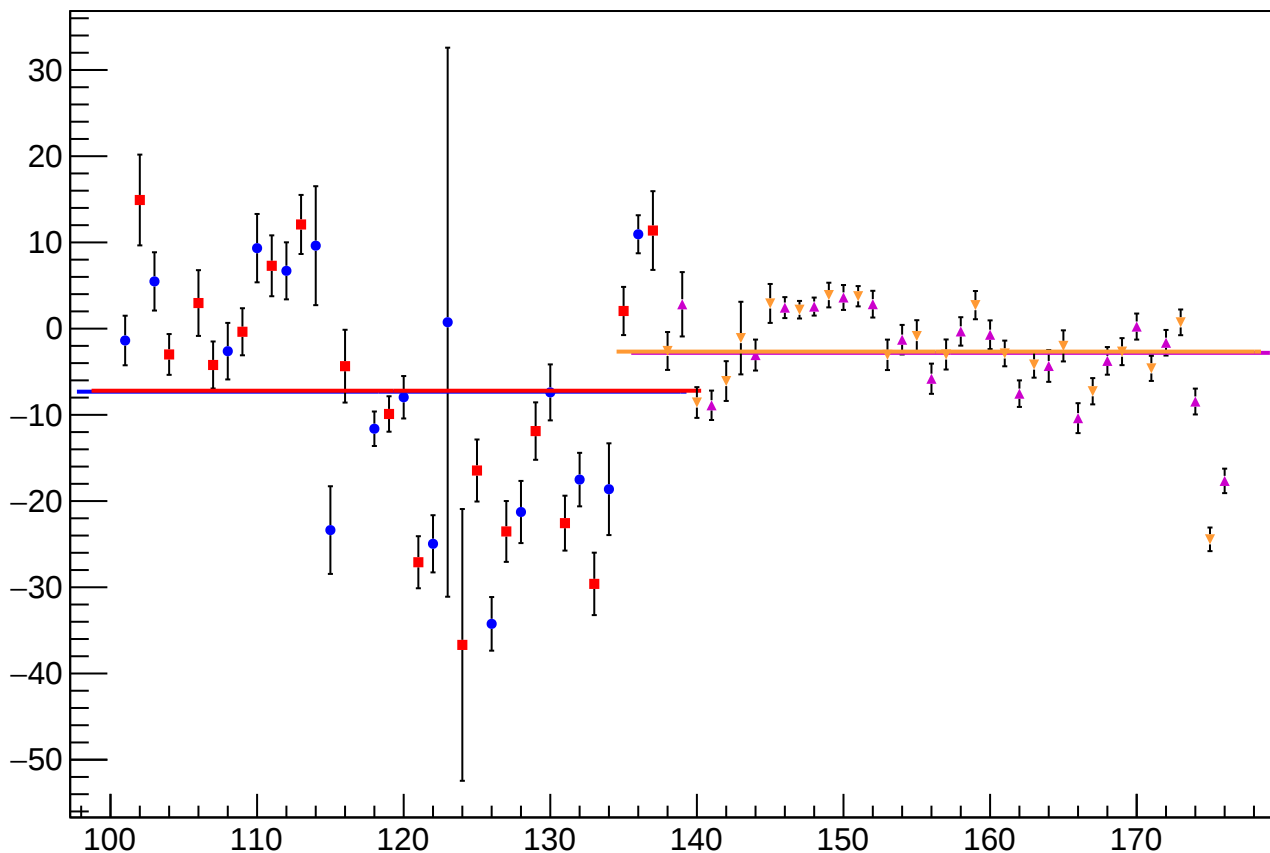
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 29.596 $\pm$ 0.474 χ^2 /NDF:2006.8/18

Out: 29.867 $\pm$ 0.484 χ^2 /NDF:3635.1/19

All: 29.729 $\pm$ 0.339 χ^2 /NDF: 5642.1/38

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: -2.664 ± 0.355 χ^2/NDF : 374.9/19

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -2.809 ± 0.356 χ^2/NDF : 258.5/18

Left: -2.736 ± 0.251 χ^2/NDF : 633.5/38

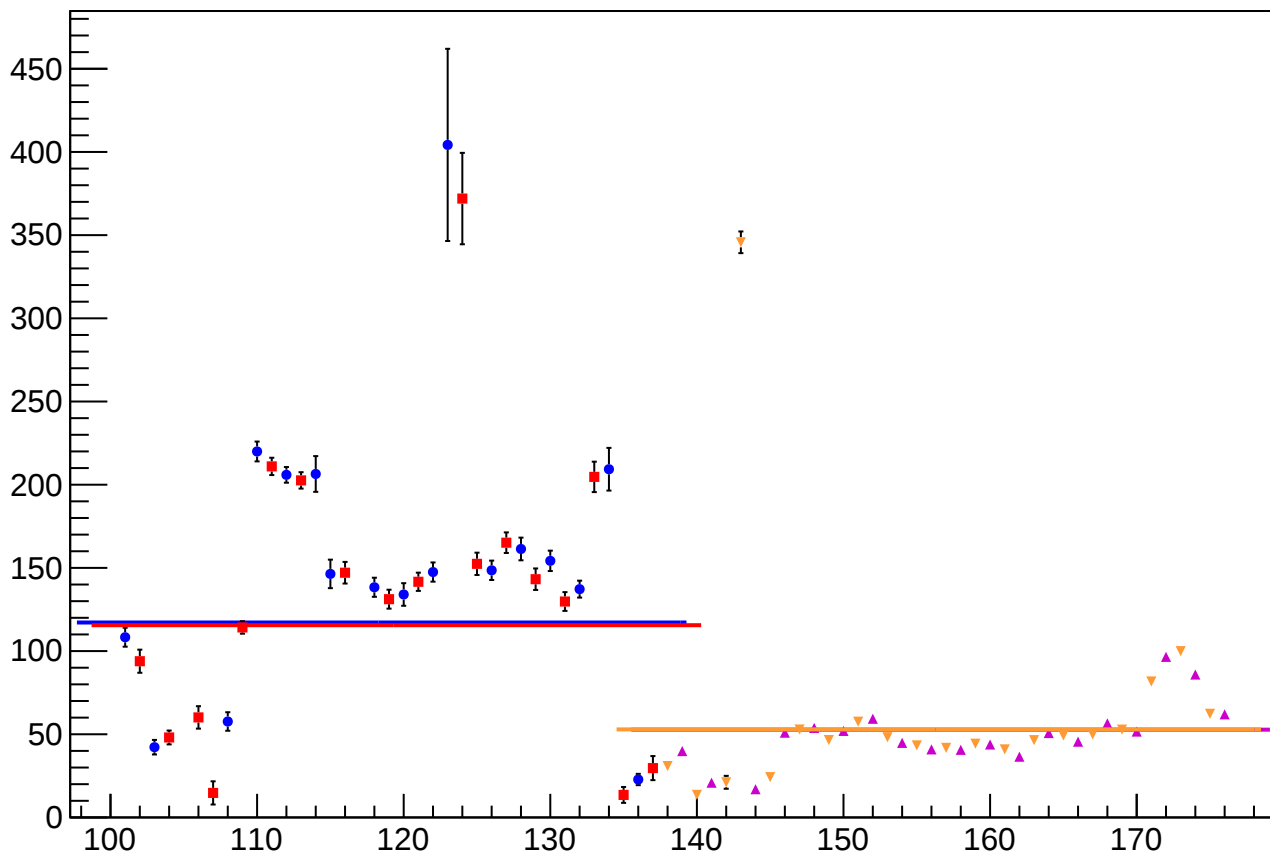
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -3.586 ± 0.324 χ^2/NDF : 565.1/35

Out: -3.474 ± 0.322 χ^2/NDF : 656.2/37

All: -3.530 ± 0.228 χ^2/NDF : 1221.4/73

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 52.928+/-0.478 χ^2/NDF :3520.4/19

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 52.764+/-0.469 χ^2/NDF :1418.1/18

Left: 52.844+/-0.335 χ^2/NDF : 4938.5/38

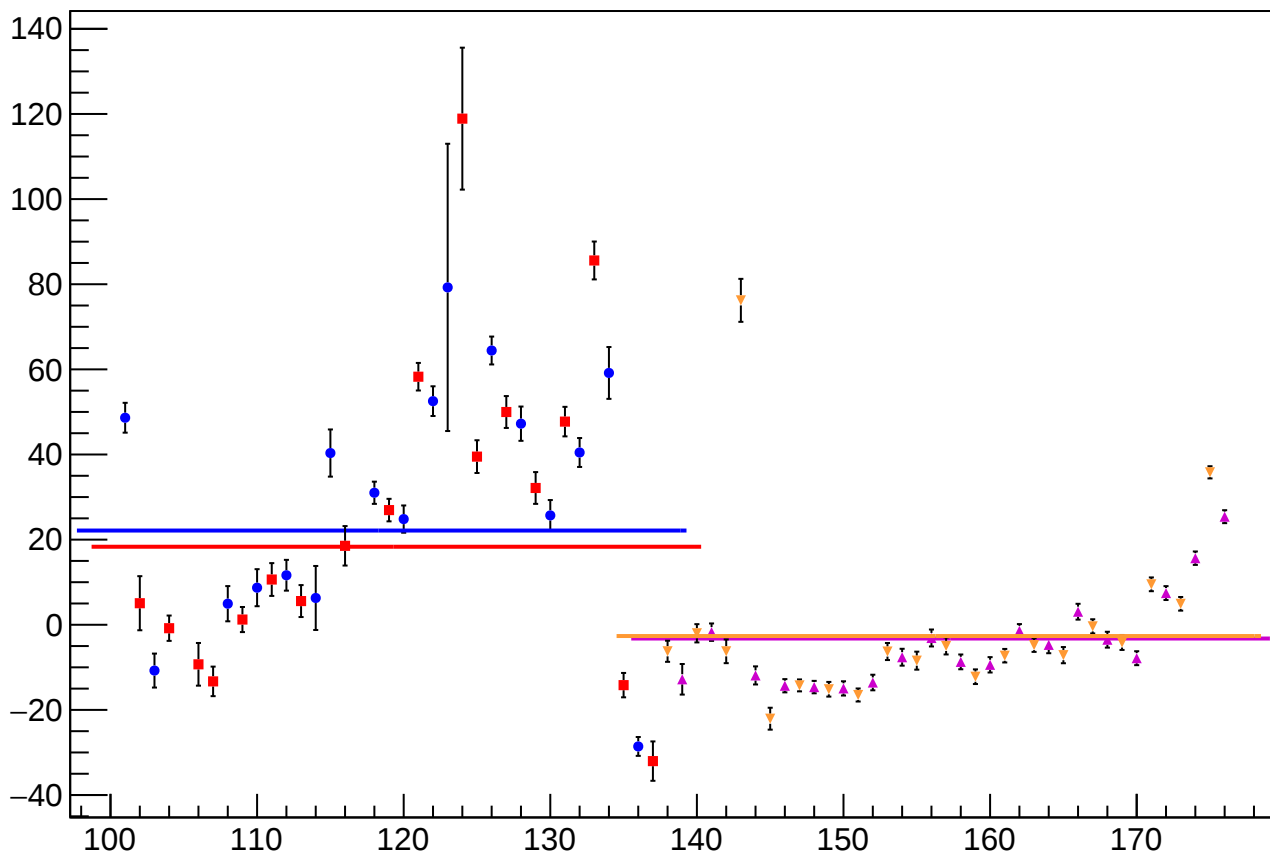
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 59.170+/-0.445 χ^2/NDF :5453.4/35

Out: 59.791+/-0.451 χ^2/NDF :7549.0/37

All: 59.476+/-0.317 χ^2/NDF : 13003.4/73

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: -2.648 $\pm$ 0.407 χ^2 /NDF:1366.9/19

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -3.233 $\pm$ 0.407 χ^2 /NDF:804.0/18

Left: -2.940 $\pm$ 0.288 χ^2 /NDF: 2171.9/38

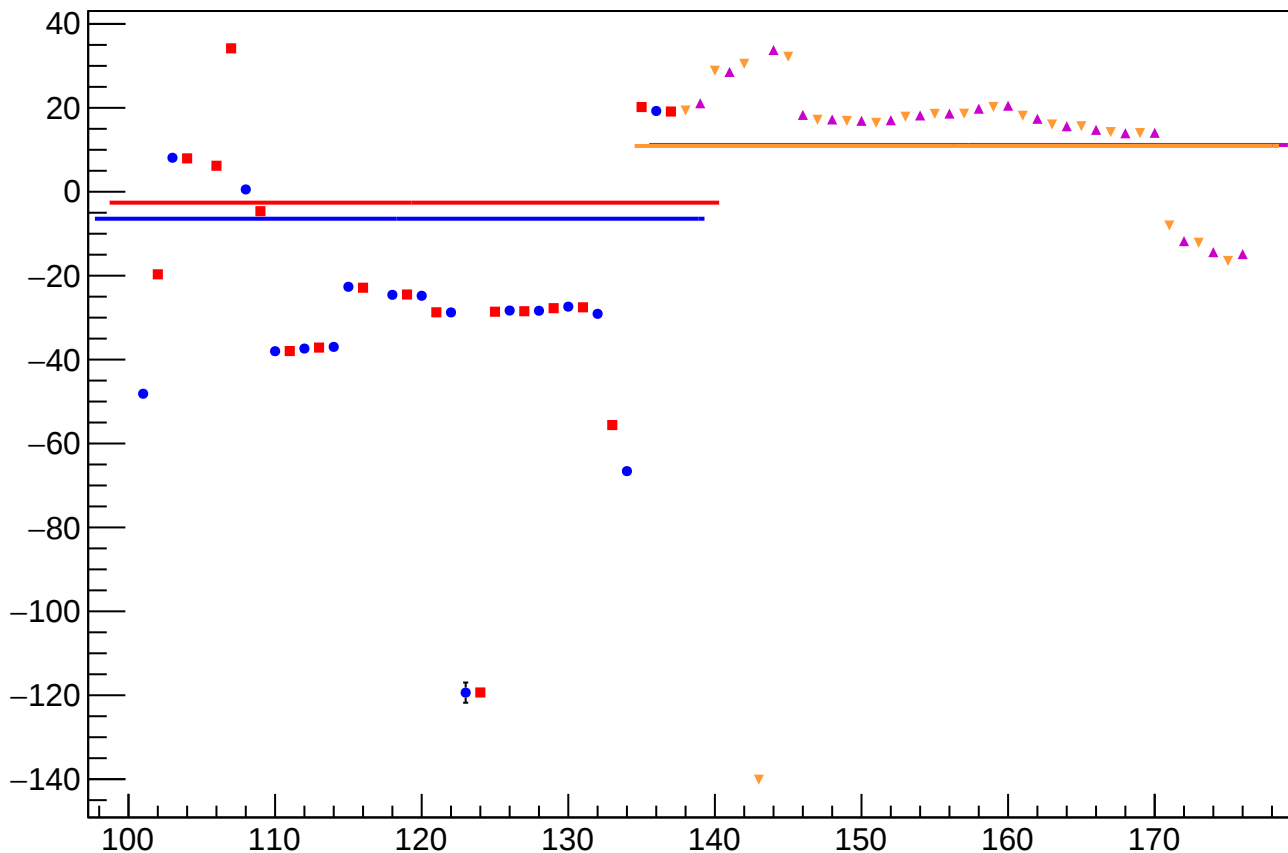
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 1.153 $\pm$ 0.371 χ^2 /NDF:2538.4/35

Out: 1.105 $\pm$ 0.369 χ^2 /NDF:2912.5/37

All: 1.129 $\pm$ 0.261 χ^2 /NDF: 5450.9/73

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 10.914 ± 0.019 $\chi^2/\text{NDF}: 837287.1/19$

Right Out: -2.597 ± 0.046 $\chi^2/\text{NDF}: 263579.4/17$

Left In: 11.153 ± 0.018 $\chi^2/\text{NDF}: 572381.4/18$

Left: 11.037 ± 0.013 $\chi^2/\text{NDF}: 1409750.9/38$

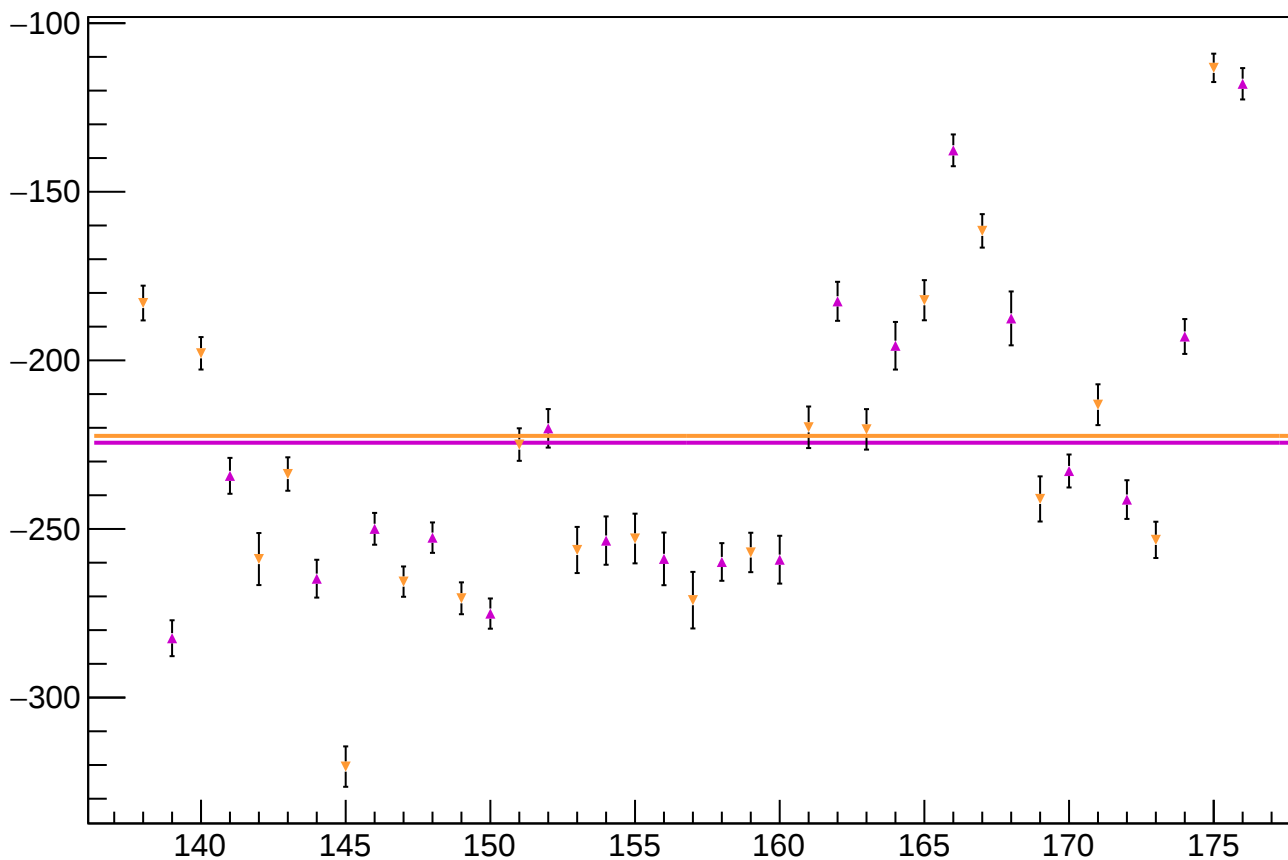
Right: -4.494 ± 0.033 $\chi^2/\text{NDF}: 532217.8/34$

In: 8.765 ± 0.017 $\chi^2/\text{NDF}: 962621.1/35$

Out: 8.946 ± 0.017 $\chi^2/\text{NDF}: 1175301.6/37$

All: 8.853 ± 0.012 $\chi^2/\text{NDF}: 2137978.0/73$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -222.393+/-1.240 χ^2/NDF :1599.0/19

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

Left In: -224.426+/-1.259 χ^2/NDF :1471.9/18

Left: -223.394+/-0.883 χ^2/NDF : 3072.2/38

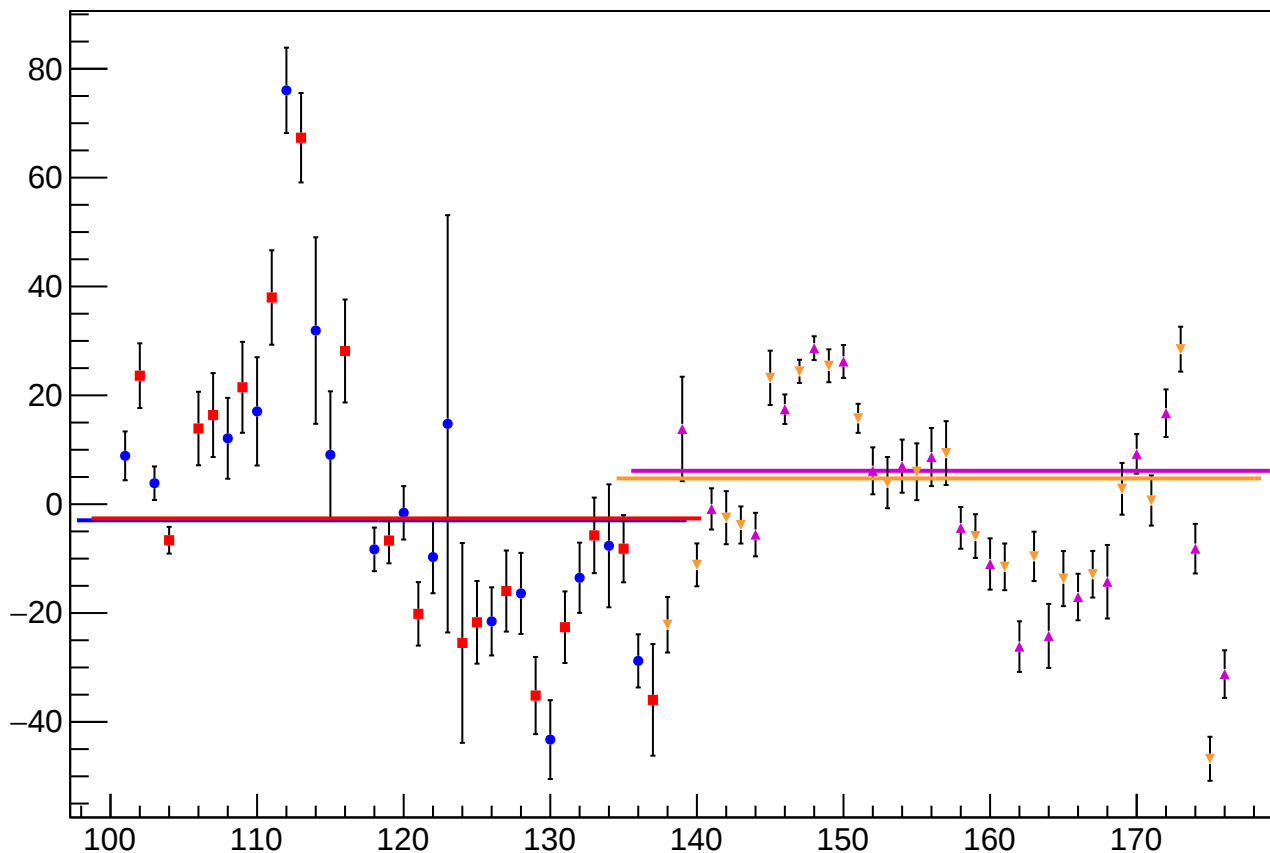
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -224.426+/-1.259 χ^2/NDF :1471.9/18

Out: -222.393+/-1.240 χ^2/NDF :1599.0/19

All: -223.394+/-0.883 χ^2/NDF : 3072.2/38

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: 4.732 ± 0.870 $\chi^2/\text{NDF}: 473.8/19$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 6.137 ± 0.905 $\chi^2/\text{NDF}: 404.1/18$

Left: 5.406 ± 0.627 $\chi^2/\text{NDF}: 879.2/38$

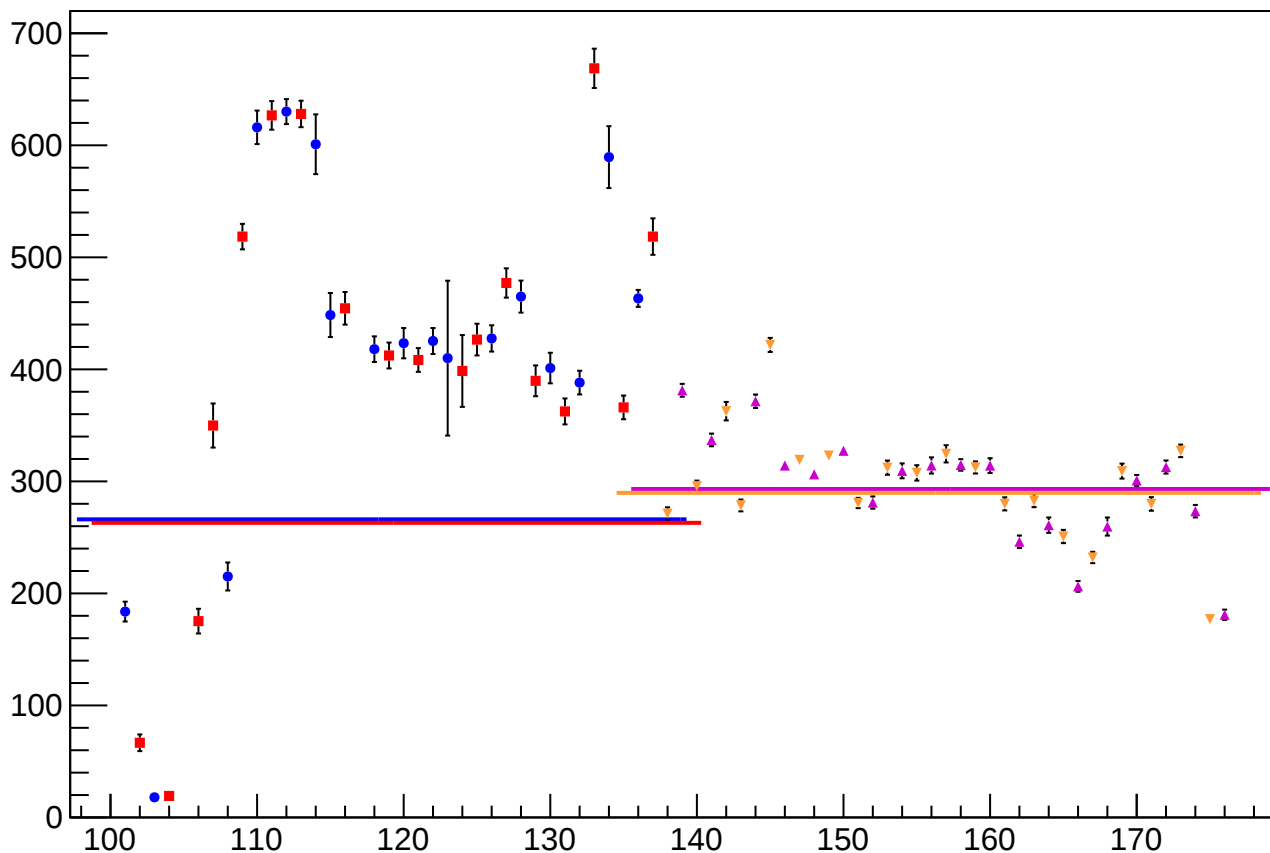
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 3.592 ± 0.768 $\chi^2/\text{NDF}: 635.9/35$

Out: 2.684 ± 0.739 $\chi^2/\text{NDF}: 704.2/37$

All: 3.120 ± 0.532 $\chi^2/\text{NDF}: 1340.8/73$

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: 289.755 $\pm$ 1.229 χ^2 /NDF:1655.8/19

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 293.238 $\pm$ 1.242 χ^2 /NDF:1668.2/18

Left: 291.479 $\pm$ 0.874 χ^2 /NDF: 3328.0/38

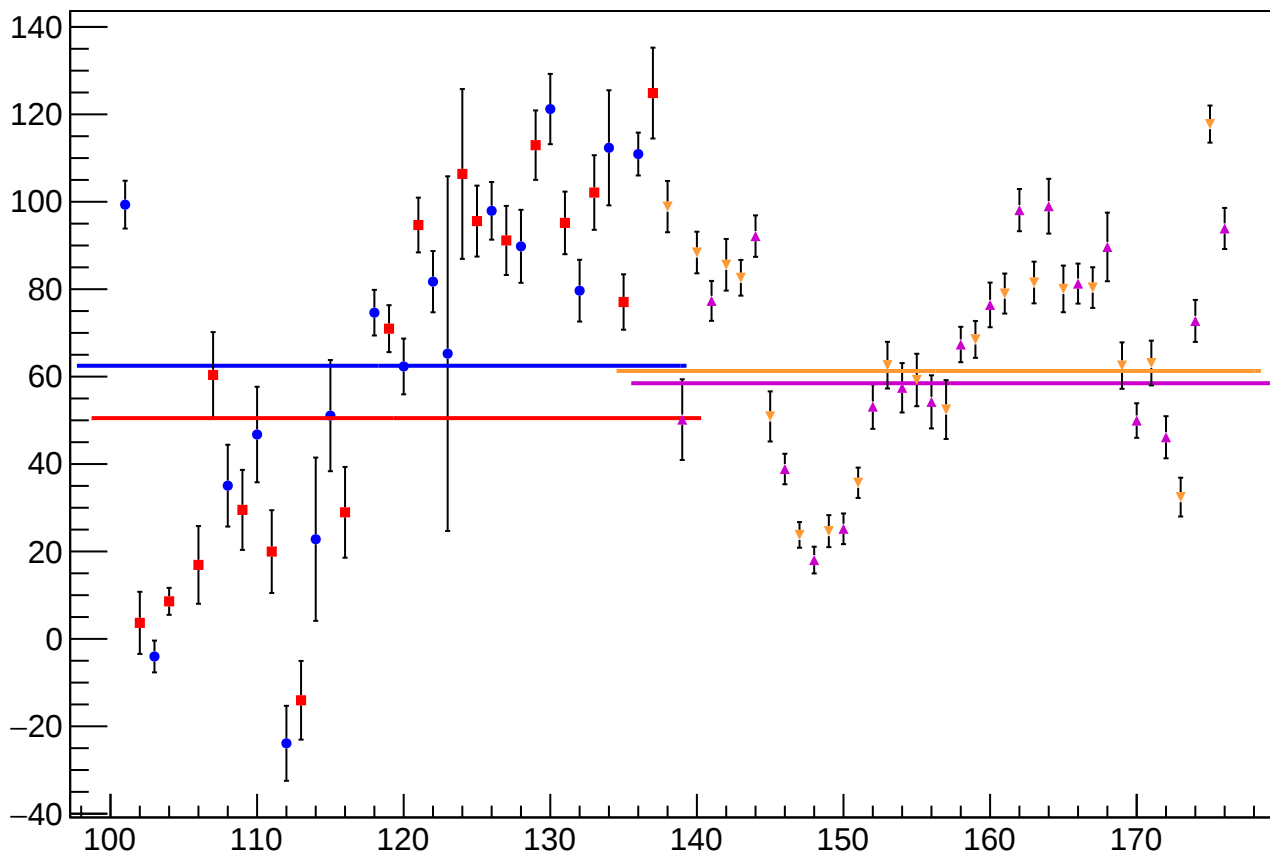
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 287.802 $\pm$ 1.110 χ^2 /NDF:9407.9/35

Out: 284.433 $\pm$ 1.100 χ^2 /NDF:9922.1/37

All: 286.102 $\pm$ 0.781 χ^2 /NDF: 19334.6/73

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: 61.288 $\pm$ 1.021 χ^2 /NDF:724.9/19

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 58.490 $\pm$ 1.055 χ^2 /NDF:610.2/18

Left: 59.934 $\pm$ 0.734 χ^2 /NDF: 1338.7/38

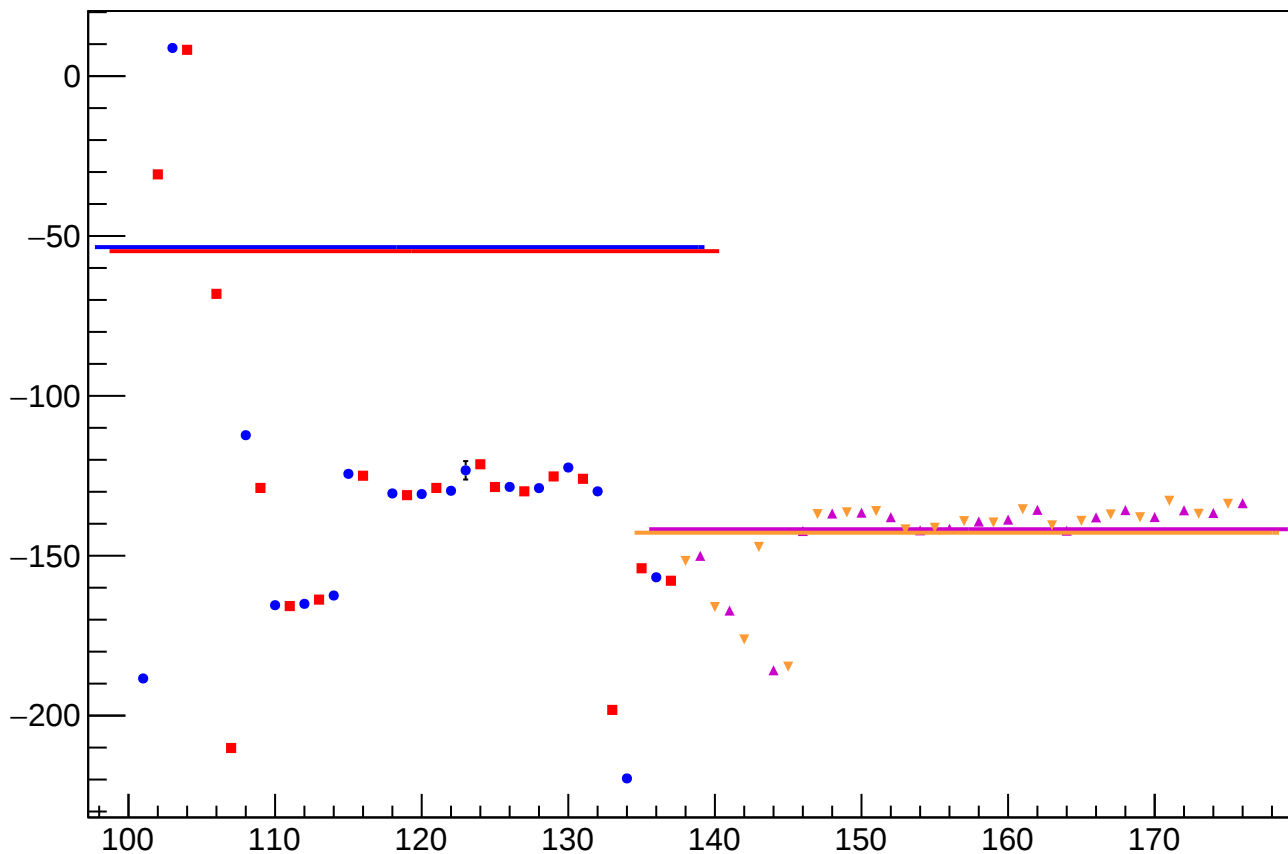
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 59.618 $\pm$ 0.893 χ^2 /NDF:1335.0/35

Out: 58.288 $\pm$ 0.867 χ^2 /NDF:1406.5/37

All: 58.934 $\pm$ 0.622 χ^2 /NDF: 2742.7/73

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -142.803 ± 0.049 $\chi^2/\text{NDF}: 62454.7/19$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -141.713 ± 0.049 $\chi^2/\text{NDF}: 49204.5/18$

Left: -142.257 ± 0.035 $\chi^2/\text{NDF}: 111903.0/38$

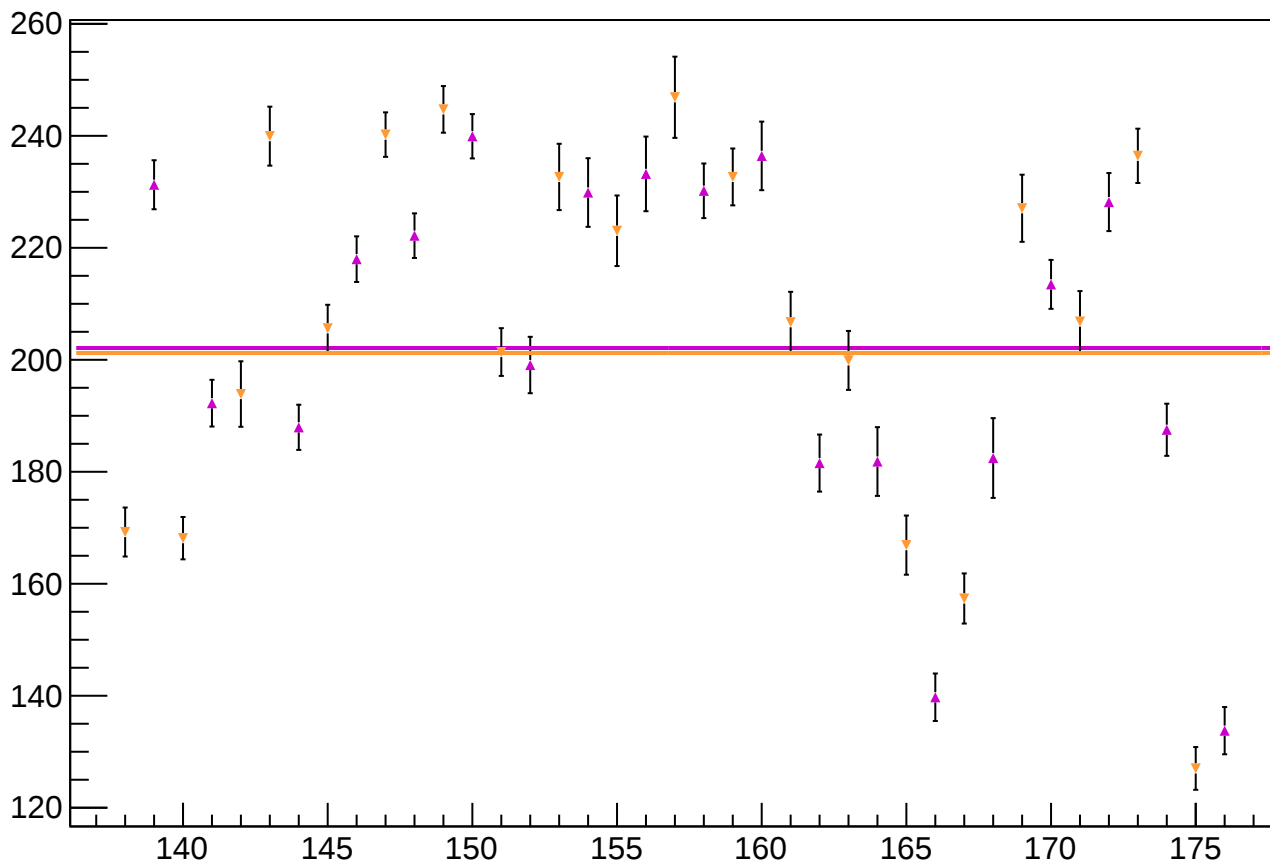
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -112.633 ± 0.040 $\chi^2/\text{NDF}: 2333709.6/35$

Out: -114.661 ± 0.041 $\chi^2/\text{NDF}: 2028843.4/37$

All: -113.636 ± 0.029 $\chi^2/\text{NDF}: 4363801.8/73$

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: 201.220+/-1.079 χ^2/NDF :1099.2/19

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

Left In: 202.111+/-1.086 χ^2/NDF :856.4/18

Left: 201.662+/-0.765 χ^2/NDF : 1955.9/38

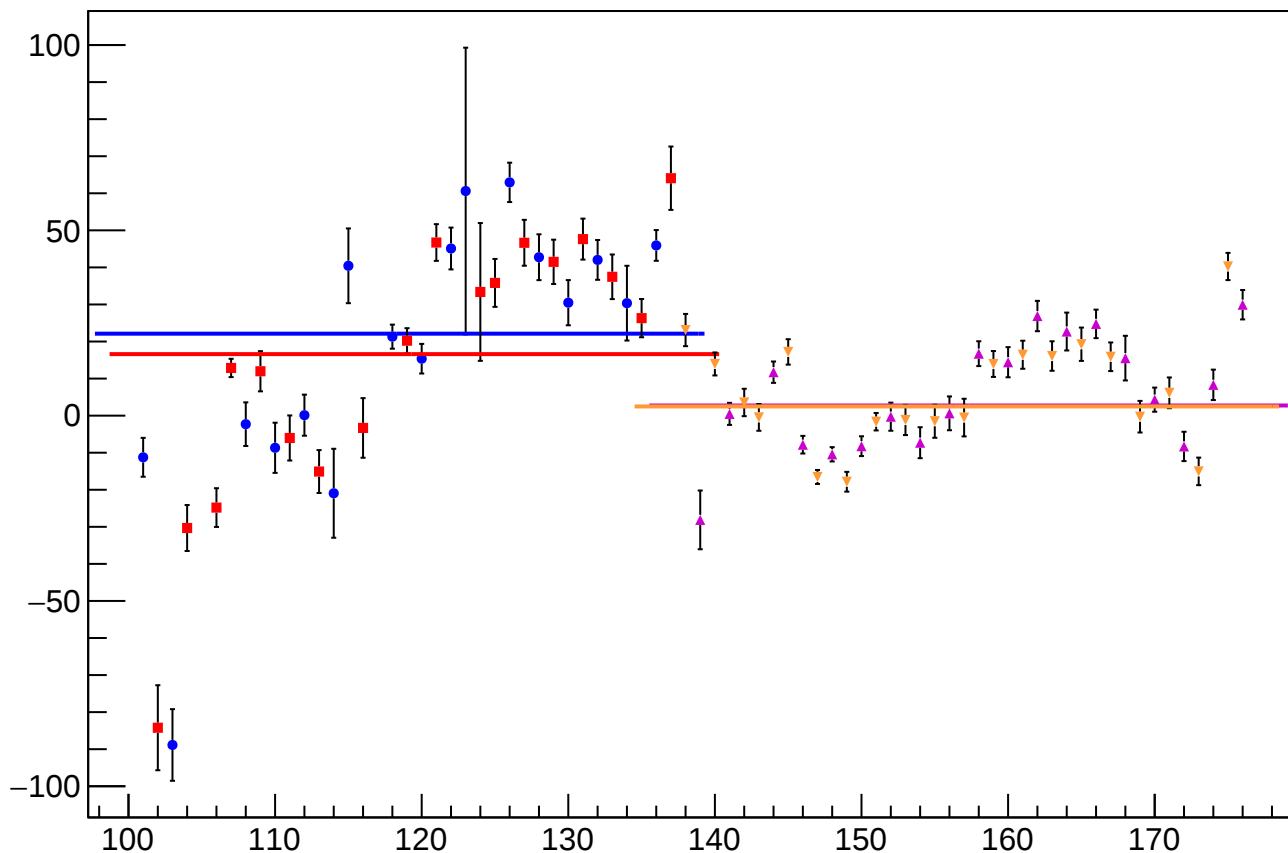
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.111+/-1.086 χ^2/NDF :856.4/18

Out: 201.220+/-1.079 χ^2/NDF :1099.2/19

All: 201.662+/-0.765 χ^2/NDF : 1955.9/38

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 2.480 ± 0.759 $\chi^2/\text{NDF}: 411.4/19$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: 2.739 ± 0.783 $\chi^2/\text{NDF}: 285.0/18$

Left: 2.606 ± 0.545 $\chi^2/\text{NDF}: 696.5/38$

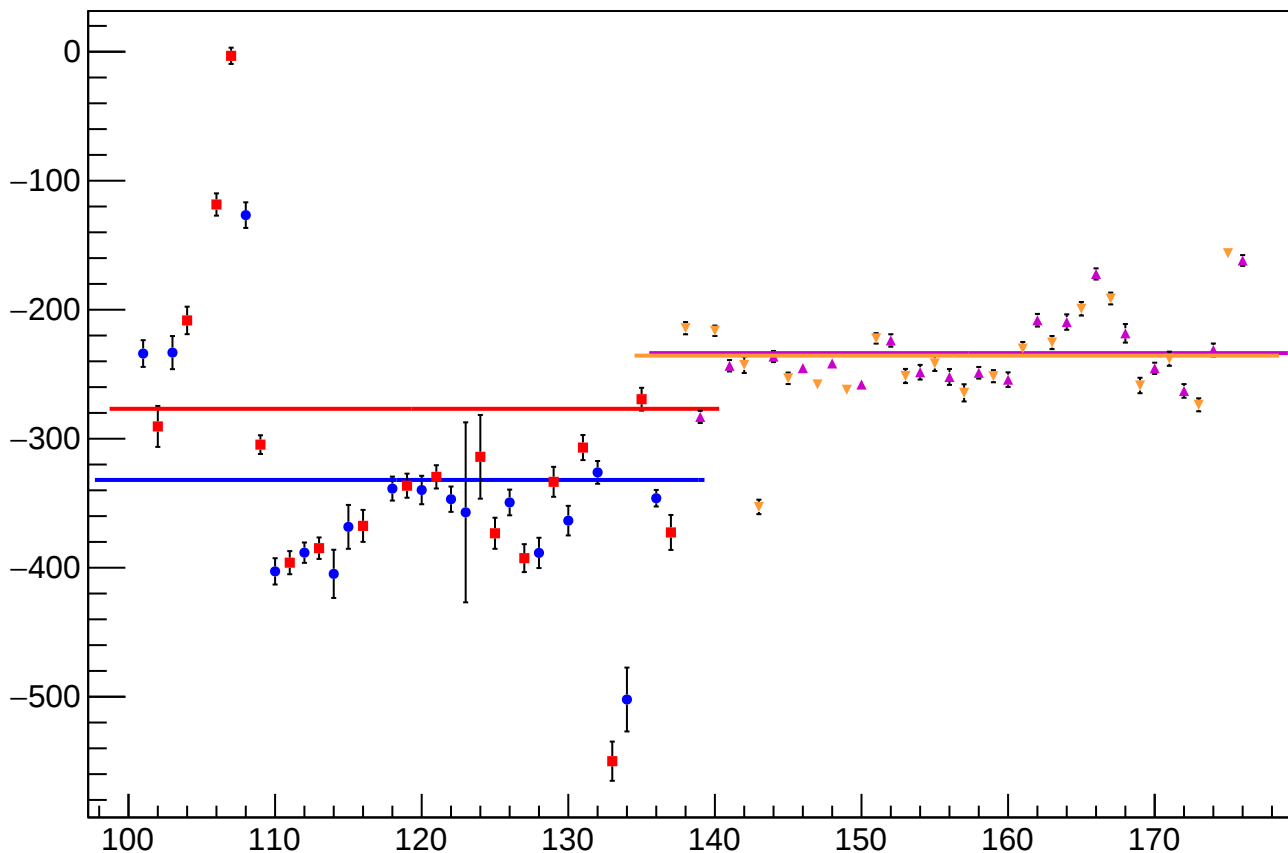
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 7.473 ± 0.680 $\chi^2/\text{NDF}: 816.8/35$

Out: 6.381 ± 0.646 $\chi^2/\text{NDF}: 923.8/37$

All: 6.899 ± 0.468 $\chi^2/\text{NDF}: 1742.0/73$

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: -235.597 ± 1.071 χ^2/NDF : 1280.8/19

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -233.641 ± 1.074 χ^2/NDF : 798.6/18

Left: -234.622 ± 0.759 χ^2/NDF : 2081.0/38

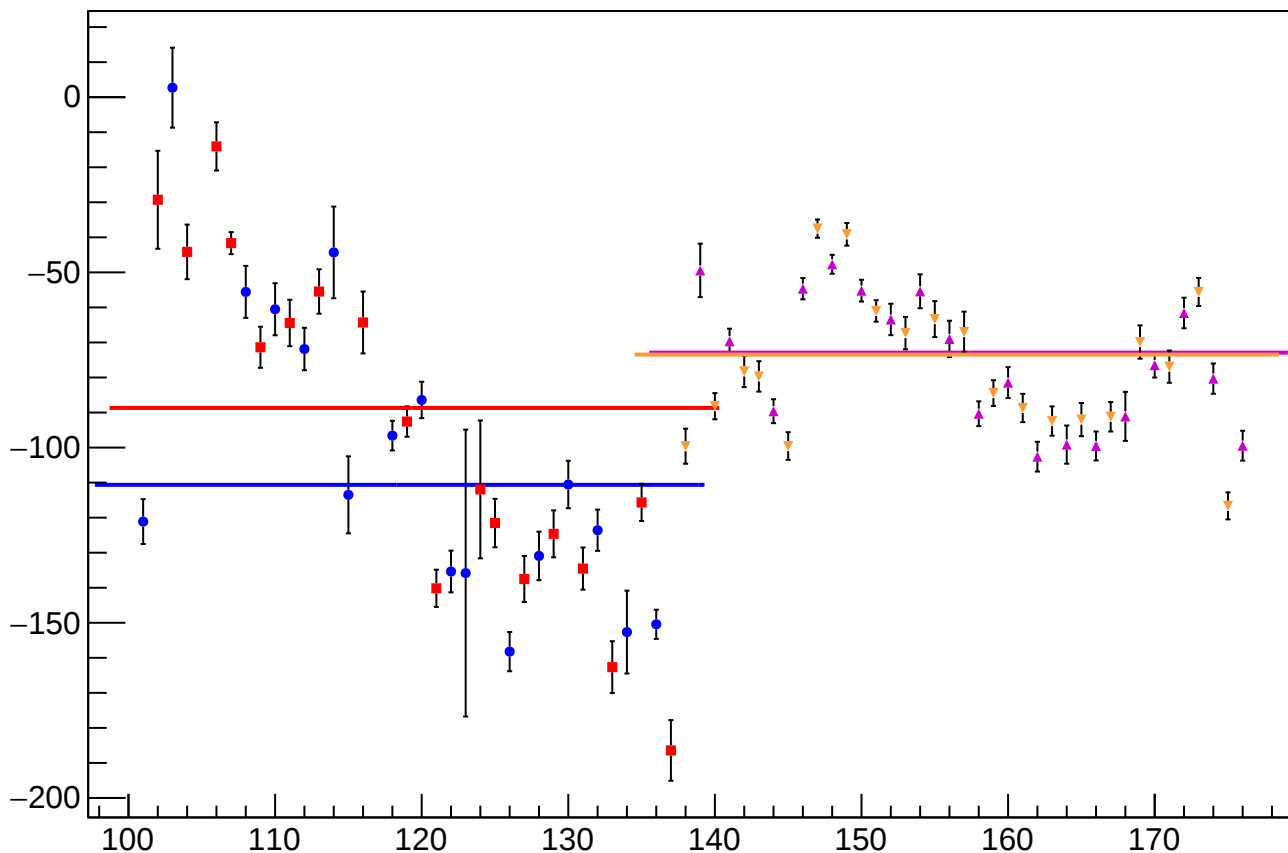
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -248.292 ± 0.991 χ^2/NDF : 2832.1/35

Out: -242.791 ± 0.973 χ^2/NDF : 4869.5/37

All: -245.492 ± 0.694 χ^2/NDF : 7717.2/73

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -73.462 ± 0.891 $\chi^2/\text{NDF}: 641.2/19$

Right Out: -88.683 ± 1.434 $\chi^2/\text{NDF}: 964.0/17$

Left In: -72.896 ± 0.913 $\chi^2/\text{NDF}: 406.2/18$

Left: -73.186 ± 0.638 $\chi^2/\text{NDF}: 1047.7/38$

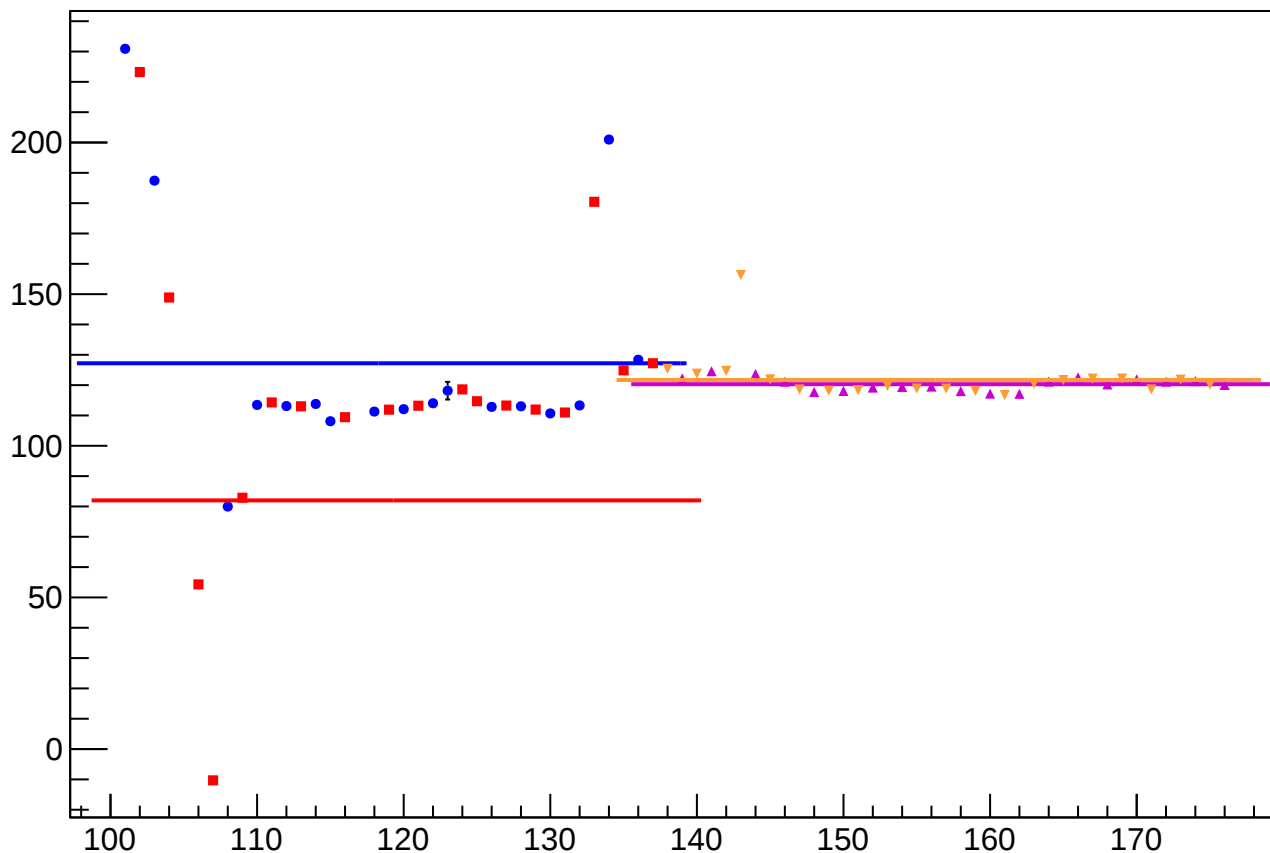
Right: -98.593 ± 1.062 $\chi^2/\text{NDF}: 1578.5/34$

In: -82.326 ± 0.790 $\chi^2/\text{NDF}: 1342.4/35$

Out: -77.703 ± 0.757 $\chi^2/\text{NDF}: 1686.4/37$

All: -79.915 ± 0.547 $\chi^2/\text{NDF}: 3046.7/73$

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: 121.696 $\pm$ 0.043 χ^2 /NDF: 27108.1/19

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.313 $\pm$ 0.043 χ^2 /NDF: 2560.7/18

Left: 120.999 $\pm$ 0.030 χ^2 /NDF: 30189.1/38

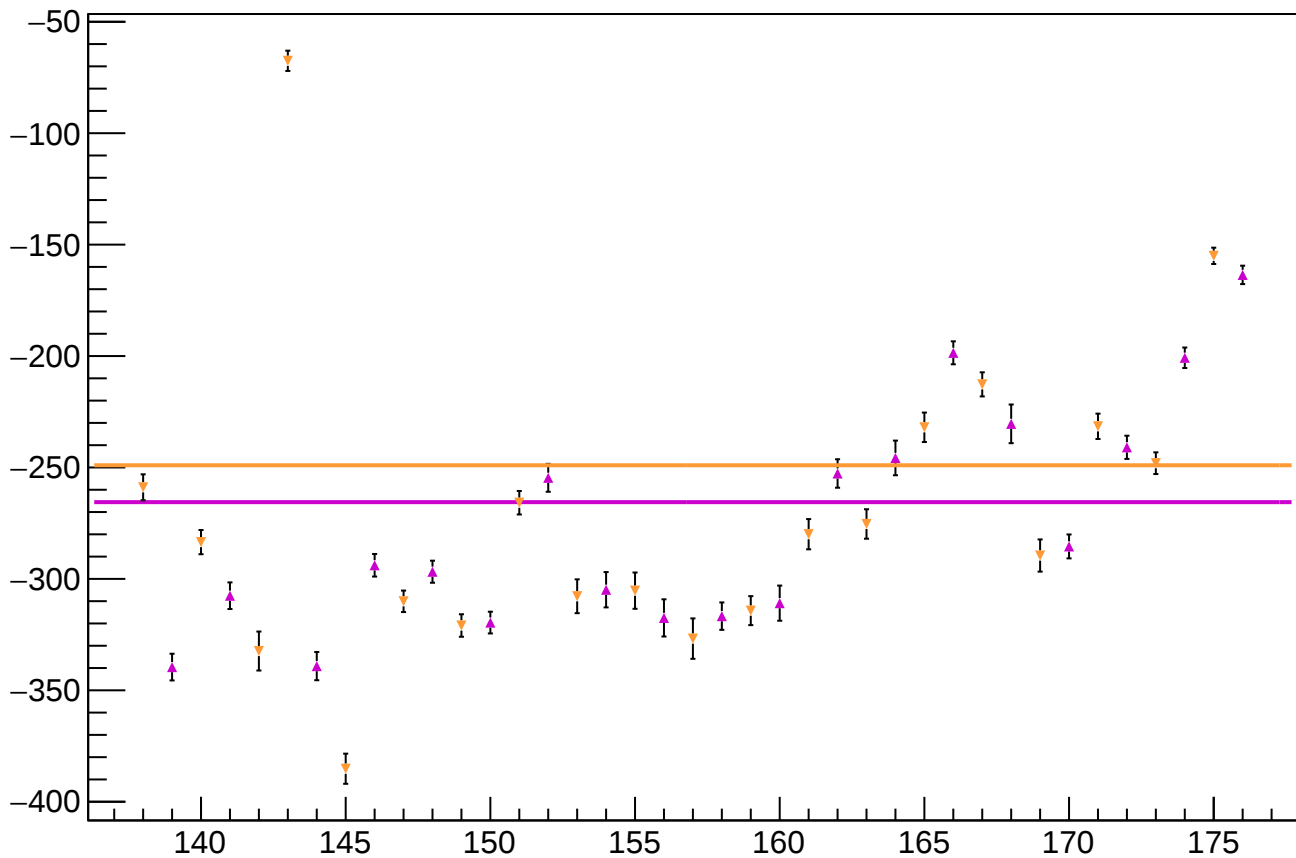
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.598 $\pm$ 0.038 χ^2 /NDF: 195449.8/35

Out: 111.956 $\pm$ 0.037 χ^2 /NDF: 985703.0/37

All: 116.638 $\pm$ 0.027 χ^2 /NDF: 1213443.2/73

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: -249.014+/-1.289 χ^2/NDF :3573.6/19

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

Left In: -265.562+/-1.324 χ^2/NDF :1738.5/18

Left: -257.068+/-0.924 χ^2/NDF : 5392.2/38

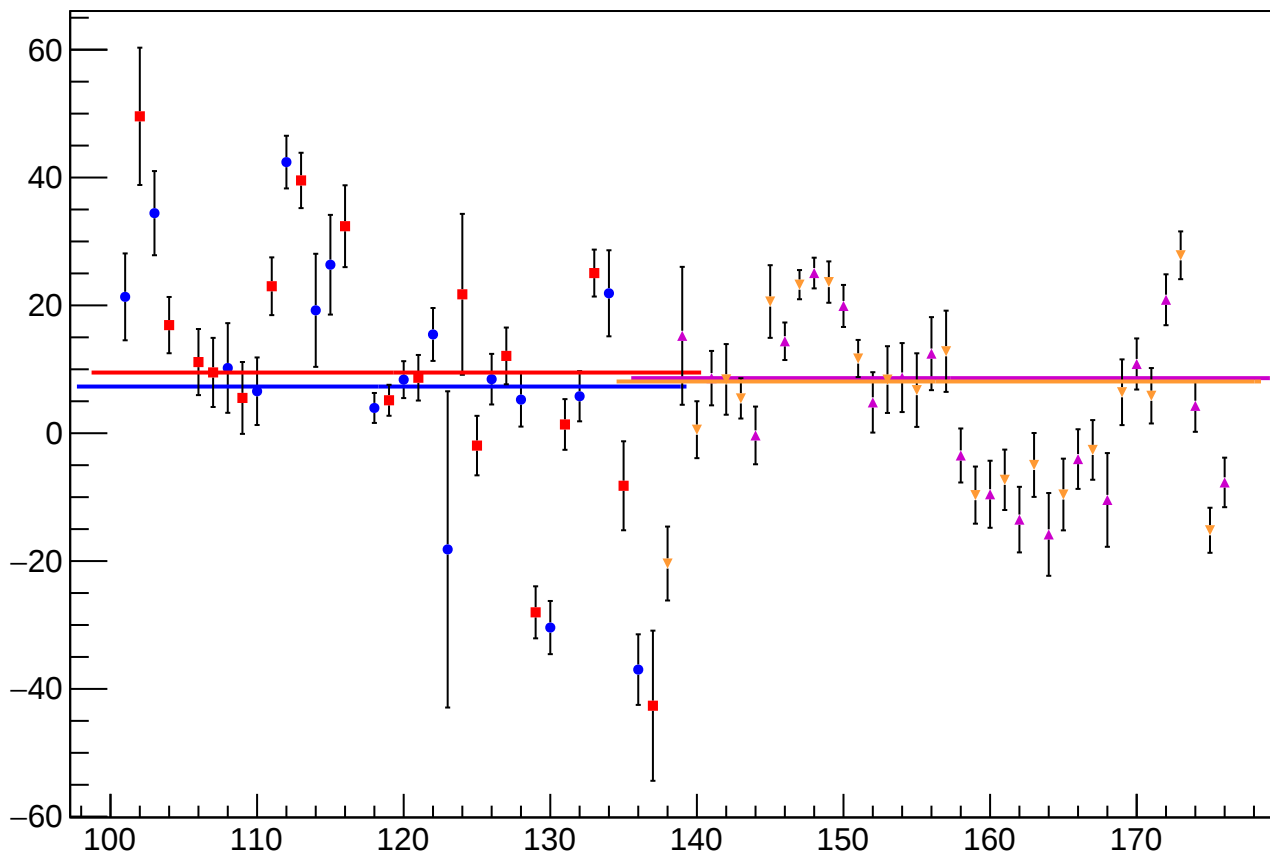
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.562+/-1.324 χ^2/NDF :1738.5/18

Out: -249.014+/-1.289 χ^2/NDF :3573.6/19

All: -257.068+/-0.924 χ^2/NDF : 5392.2/38

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 8.097 $\pm$ 0.914 χ^2 /NDF:222.3/19

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 8.617 $\pm$ 0.964 χ^2 /NDF:163.8/18

Left: 8.343 $\pm$ 0.663 χ^2 /NDF: 386.2/38

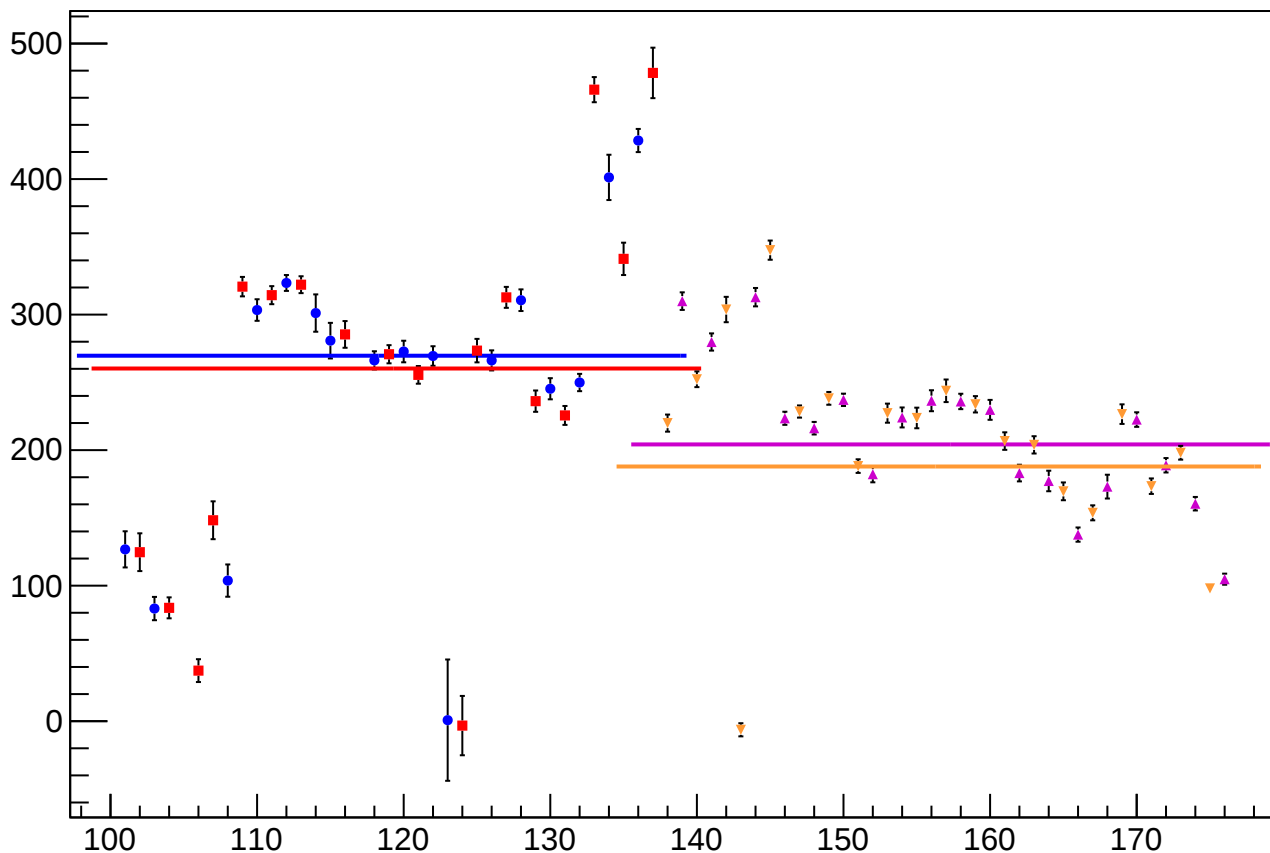
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 8.037 $\pm$ 0.721 χ^2 /NDF:425.3/35

Out: 8.684 $\pm$ 0.696 χ^2 /NDF:454.4/37

All: 8.372 $\pm$ 0.501 χ^2 /NDF: 880.1/73

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: 187.920 $\pm$ 1.281 χ^2 /NDF:3468.4/19

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 204.212 $\pm$ 1.310 χ^2 /NDF:1705.0/18

Left: 195.885 $\pm$ 0.916 χ^2 /NDF: 5252.5/38

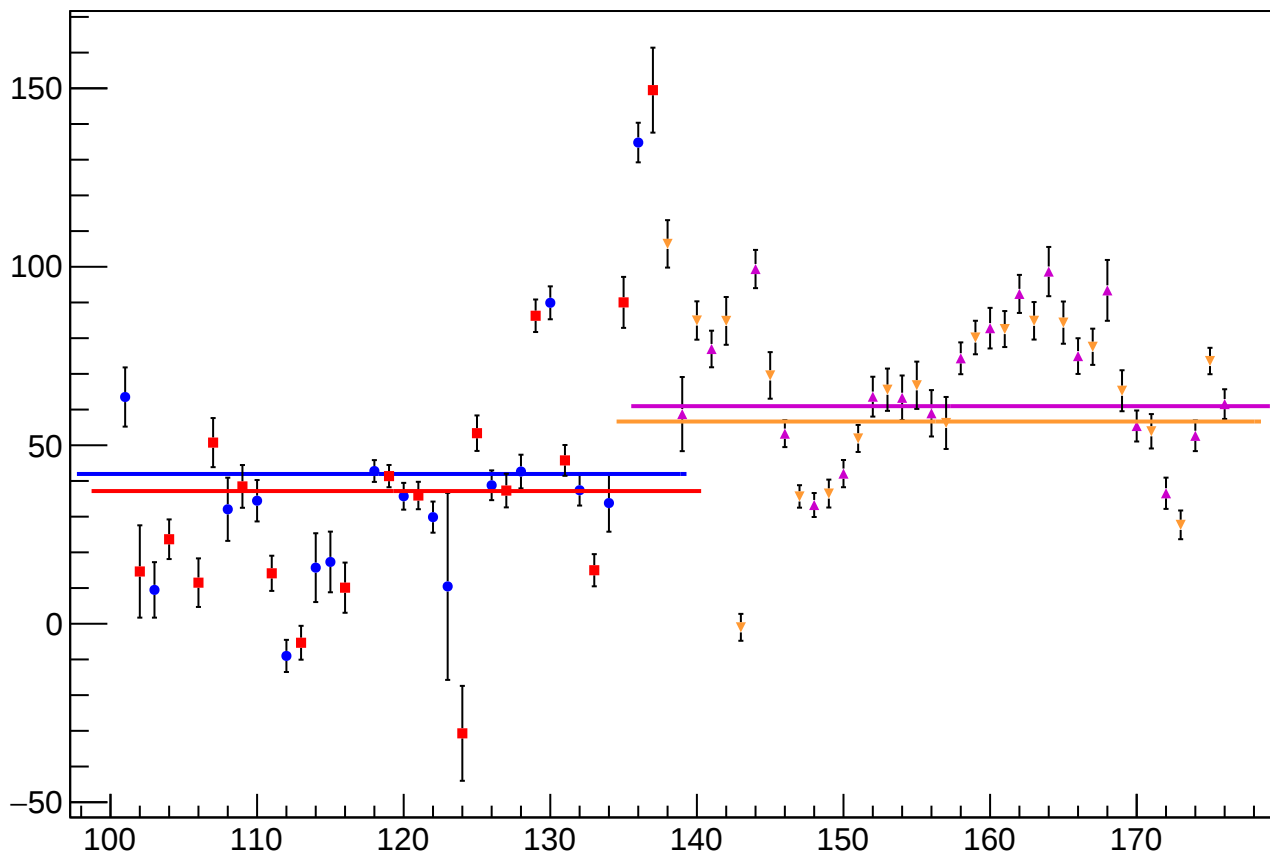
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 222.846 $\pm$ 1.108 χ^2 /NDF:3792.6/35

Out: 209.270 $\pm$ 1.075 χ^2 /NDF:6937.4/37

All: 215.857 $\pm$ 0.772 χ^2 /NDF: 10807.3/73

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: 56.651 $\pm$ 1.068 χ^2 /NDF:611.5/19

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 60.955 $\pm$ 1.118 χ^2 /NDF:305.7/18

Left: 58.706 $\pm$ 0.772 χ^2 /NDF: 925.0/38

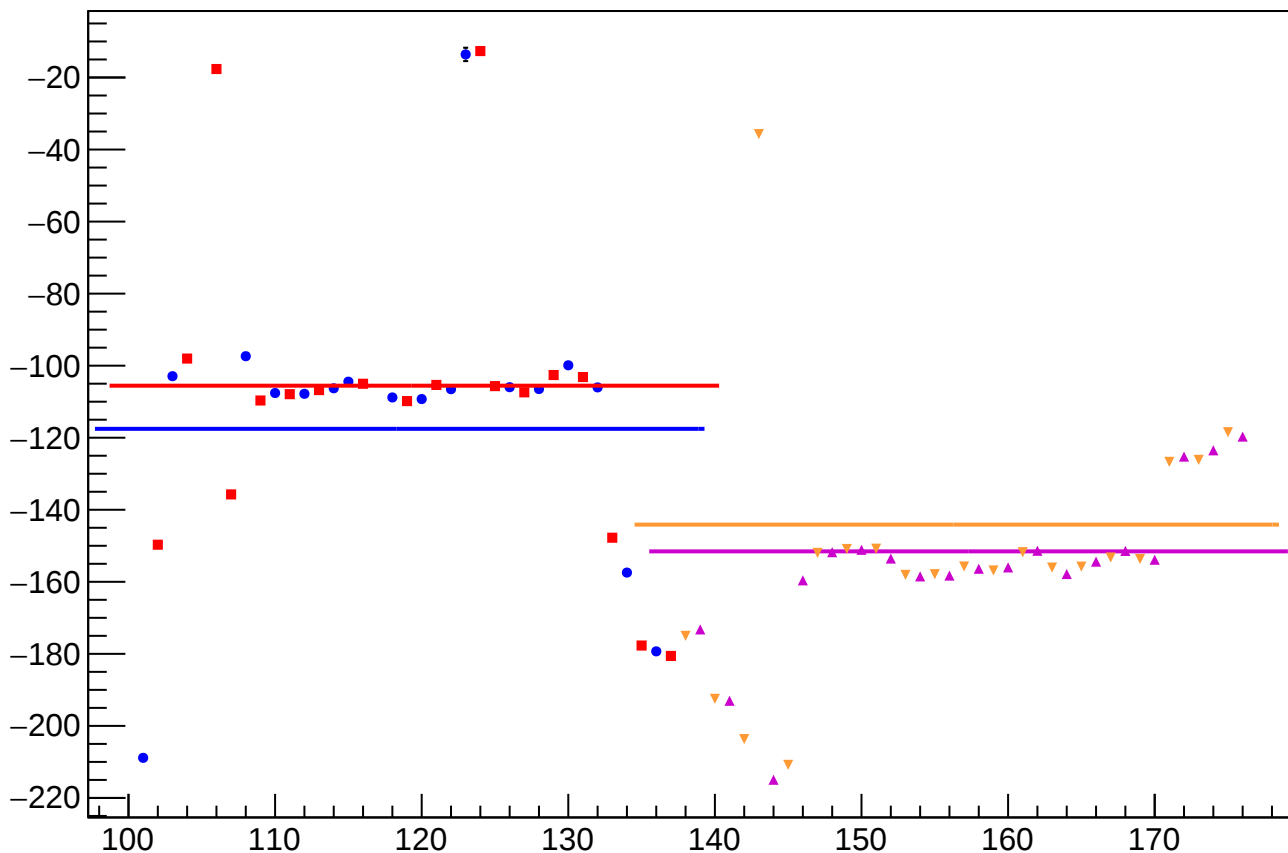
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 52.574 $\pm$ 0.836 χ^2 /NDF:1007.4/35

Out: 48.322 $\pm$ 0.808 χ^2 /NDF:1224.5/37

All: 50.377 $\pm$ 0.581 χ^2 /NDF: 2245.2/73

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: -144.129+/-0.052 χ^2/NDF : 502914.0/19

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -151.548+/-0.052 χ^2/NDF : 157226.5/18

Left: -147.816+/-0.037 χ^2/NDF : 670379.9/38

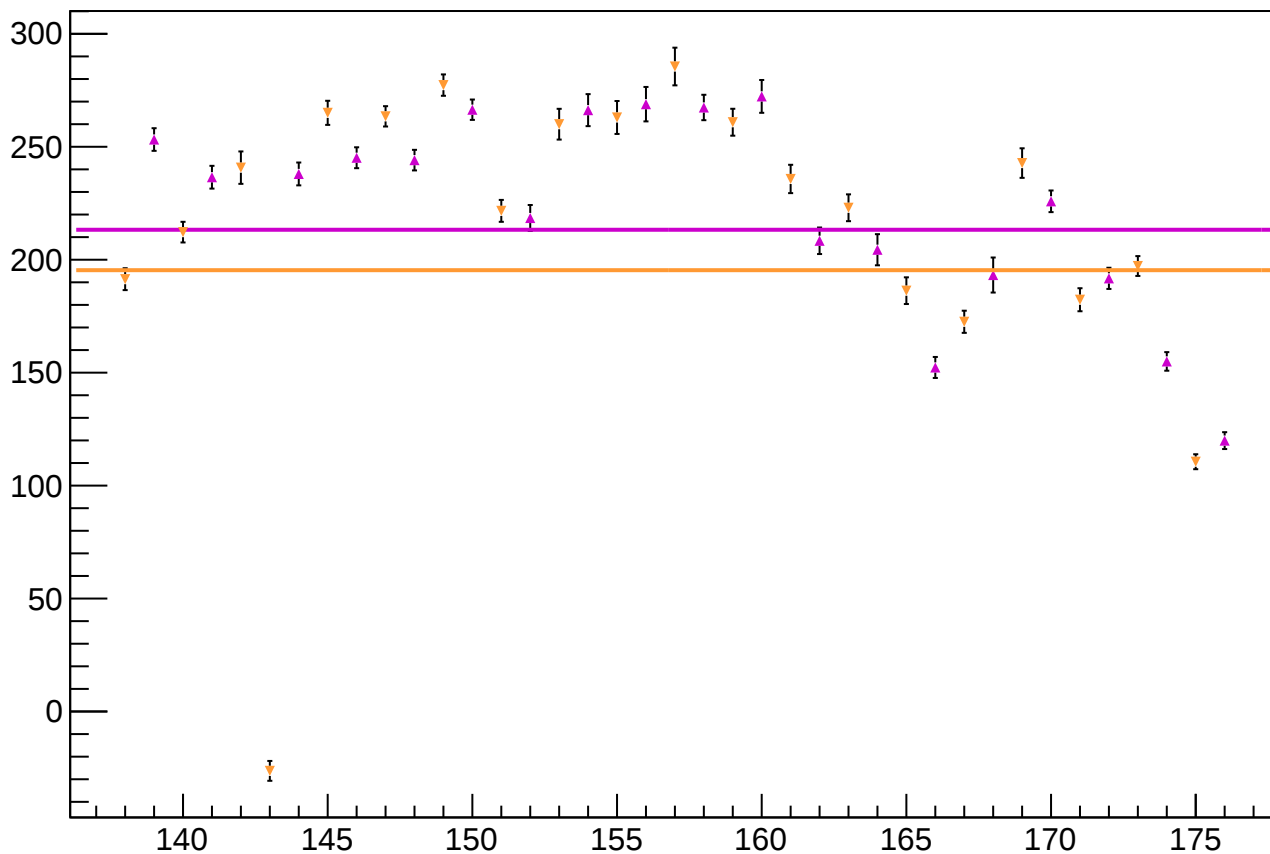
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -141.104+/-0.043 χ^2/NDF : 430629.1/35

Out: -131.218+/-0.042 χ^2/NDF : 1006756.9/37

All: -136.030+/-0.030 χ^2/NDF : 1464152.9/73

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: 195.368+/-1.158 χ^2/NDF :4542.7/19

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

Left In: 213.265+/-1.184 χ^2/NDF :1645.4/18

Left: 204.120+/-0.828 χ^2/NDF : 6304.8/38

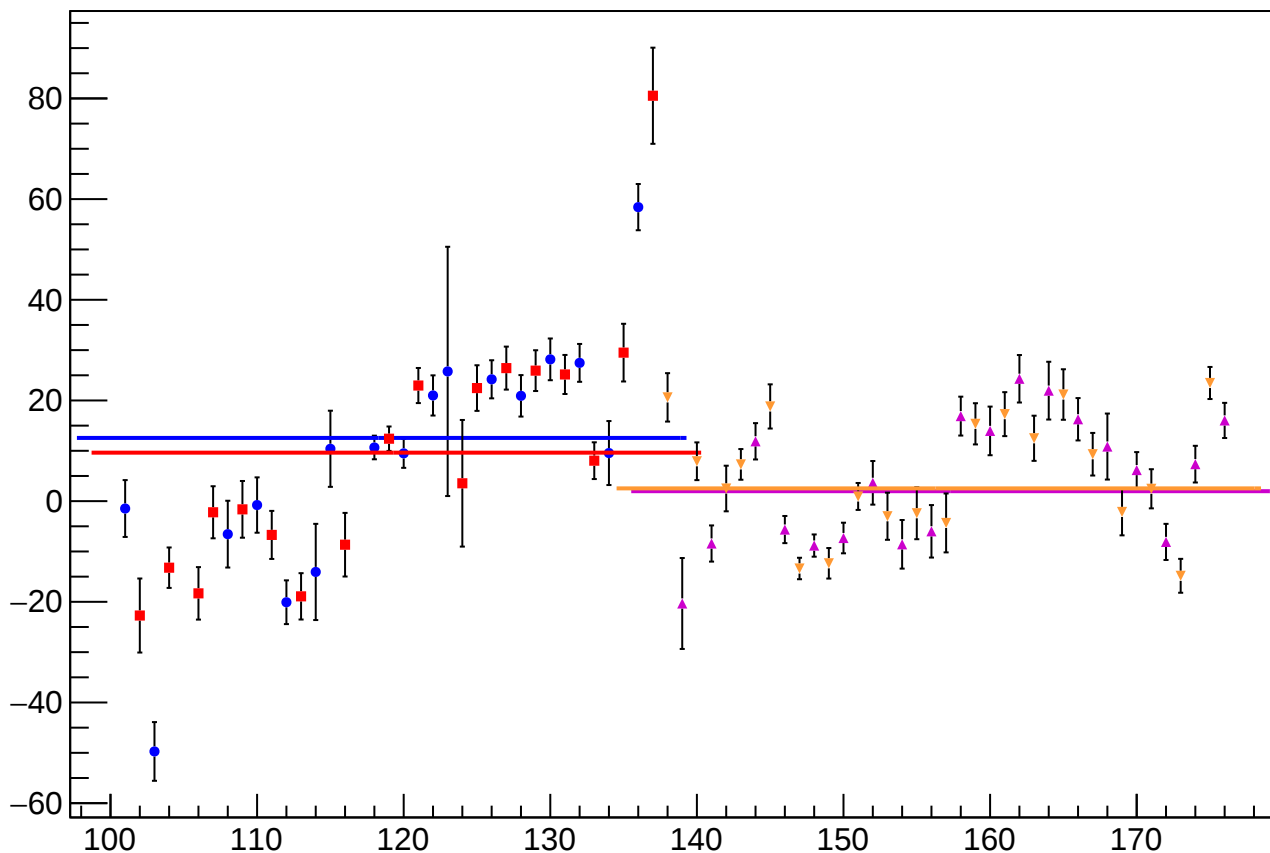
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.265+/-1.184 χ^2/NDF :1645.4/18

Out: 195.368+/-1.158 χ^2/NDF :4542.7/19

All: 204.120+/-0.828 χ^2/NDF : 6304.8/38

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.535+/-0.828 χ^2/NDF :229.6/19

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 1.976+/-0.868 χ^2/NDF :167.1/18

Left: 2.268+/-0.599 χ^2/NDF : 396.9/38

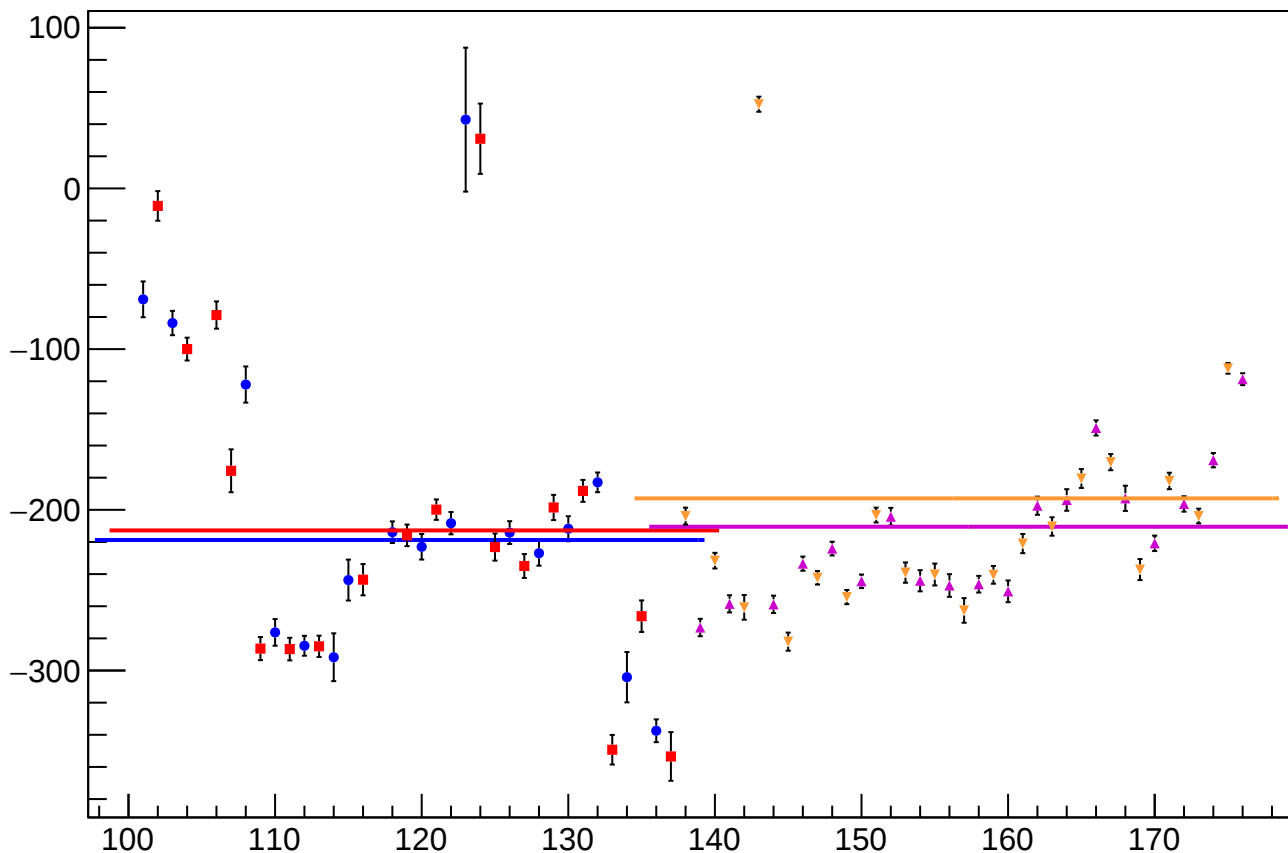
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.234+/-0.671 χ^2/NDF :575.5/35

Out: 5.256+/-0.650 χ^2/NDF :545.3/37

All: 5.730+/-0.467 χ^2/NDF : 1121.9/73

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: -192.875 ± 1.154 $\chi^2/\text{NDF}: 4439.4/19$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -210.529 ± 1.174 $\chi^2/\text{NDF}: 1435.4/18$

Left: -201.546 ± 0.823 $\chi^2/\text{NDF}: 5989.8/38$

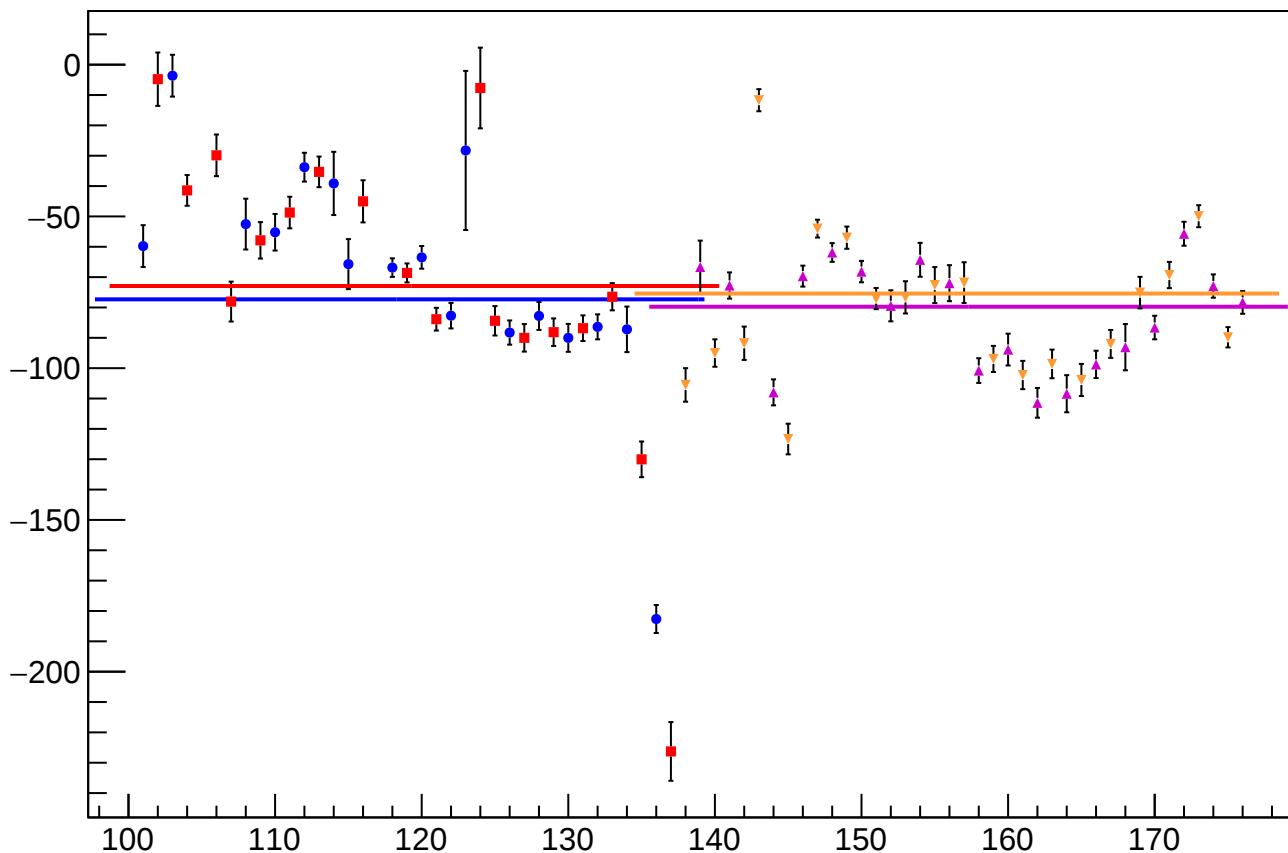
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -212.626 ± 1.014 $\chi^2/\text{NDF}: 2592.3/35$

Out: -198.140 ± 0.990 $\chi^2/\text{NDF}: 6342.8/37$

All: -205.208 ± 0.708 $\chi^2/\text{NDF}: 9039.6/73$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -75.410 ± 0.966 $\chi^2/\text{NDF}: 726.8/19$

Right Out: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -79.755 ± 1.005 $\chi^2/\text{NDF}: 272.5/18$

Left: -77.496 ± 0.696 $\chi^2/\text{NDF}: 1009.0/38$

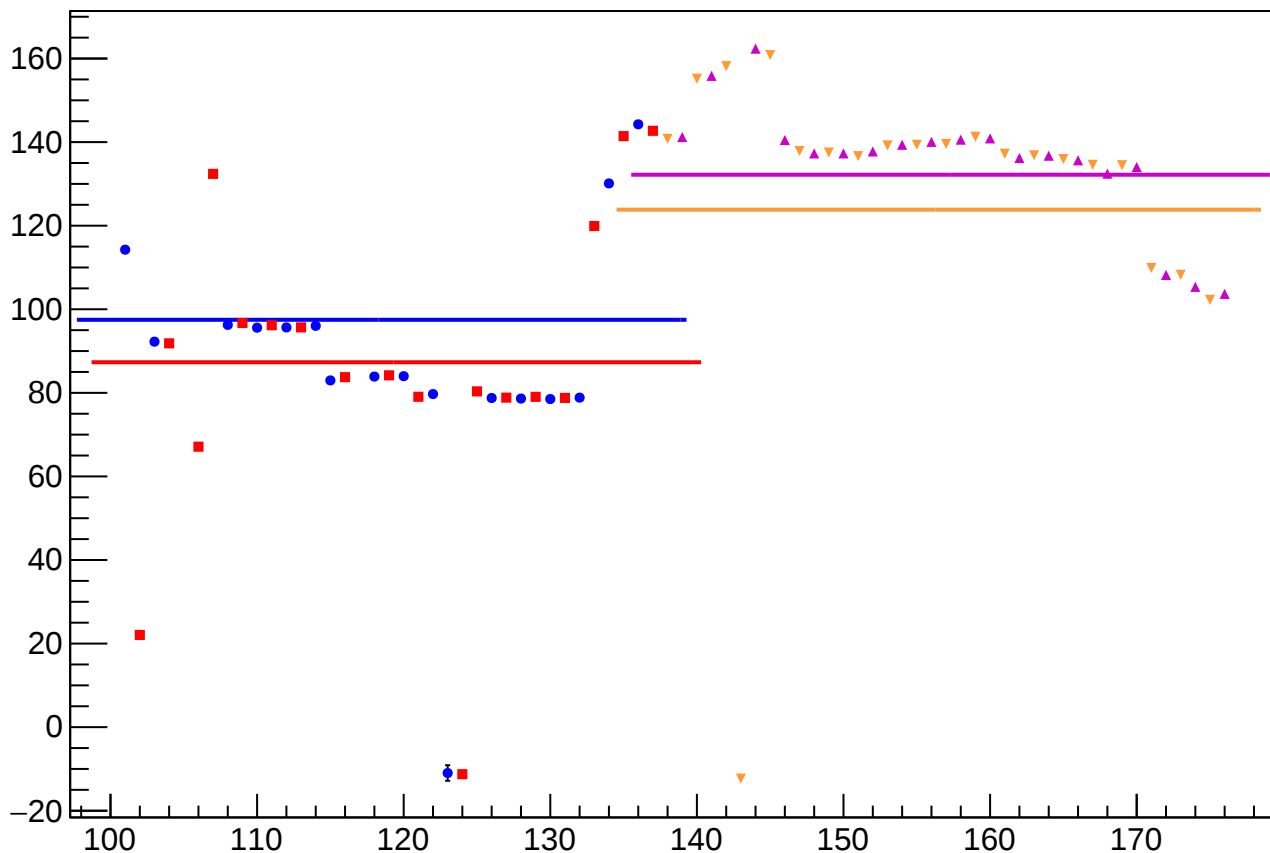
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -78.772 ± 0.776 $\chi^2/\text{NDF}: 1092.6/35$

Out: -74.440 ± 0.754 $\chi^2/\text{NDF}: 1390.2/37$

All: -76.544 ± 0.541 $\chi^2/\text{NDF}: 2498.8/73$

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: 123.834+/-0.047 χ^2/NDF : 673132.0/19

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 132.196+/-0.047 χ^2/NDF : 116529.0/18

Left: 128.008+/-0.033 χ^2/NDF : 805791.1/38

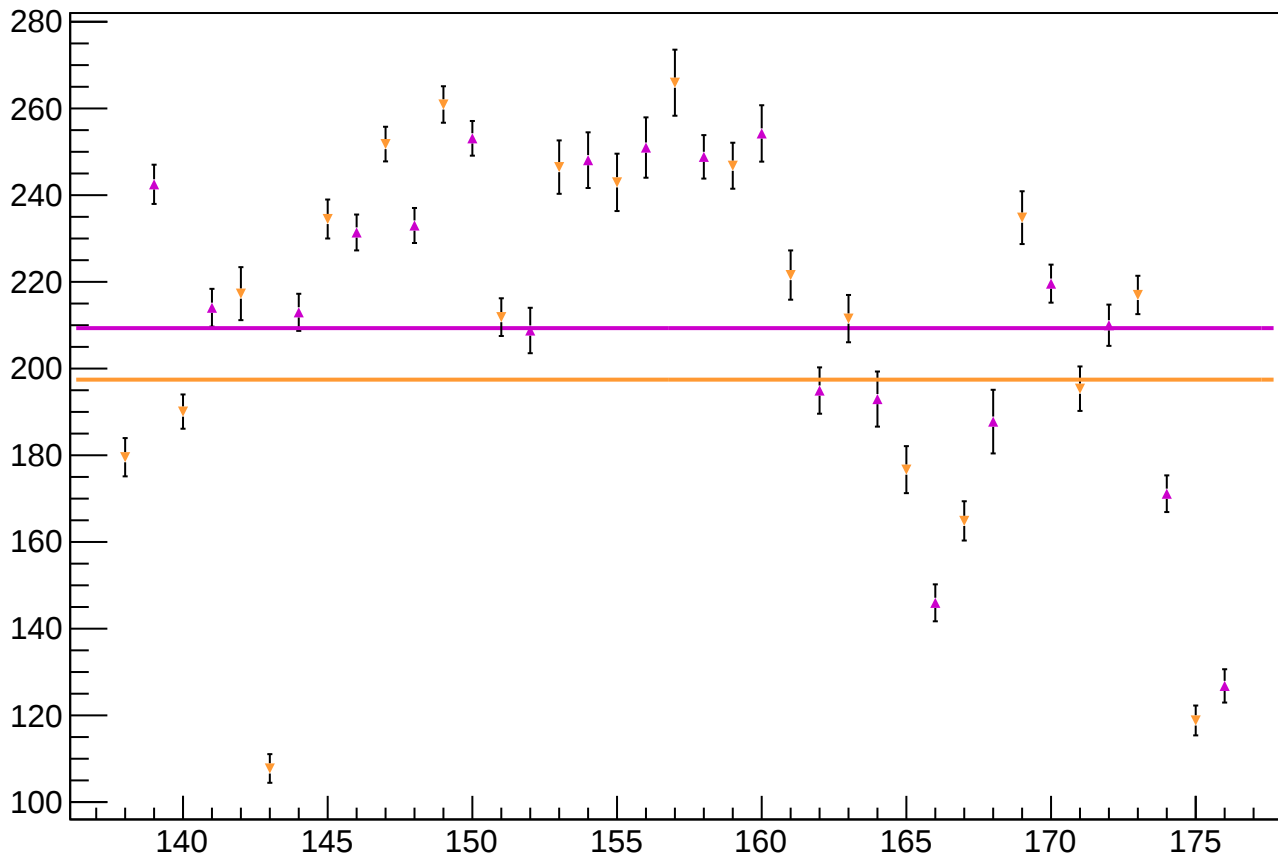
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 122.219+/-0.039 χ^2/NDF : 370447.7/35

Out: 112.275+/-0.038 χ^2/NDF : 1090129.0/37

All: 117.135+/-0.027 χ^2/NDF : 1493258.4/73

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: 197.446+/-1.051 χ^2/NDF :2205.2/19

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

Left In: 209.328+/-1.094 χ^2/NDF :1211.5/18

Left: 203.153+/-0.758 χ^2/NDF : 3478.1/38

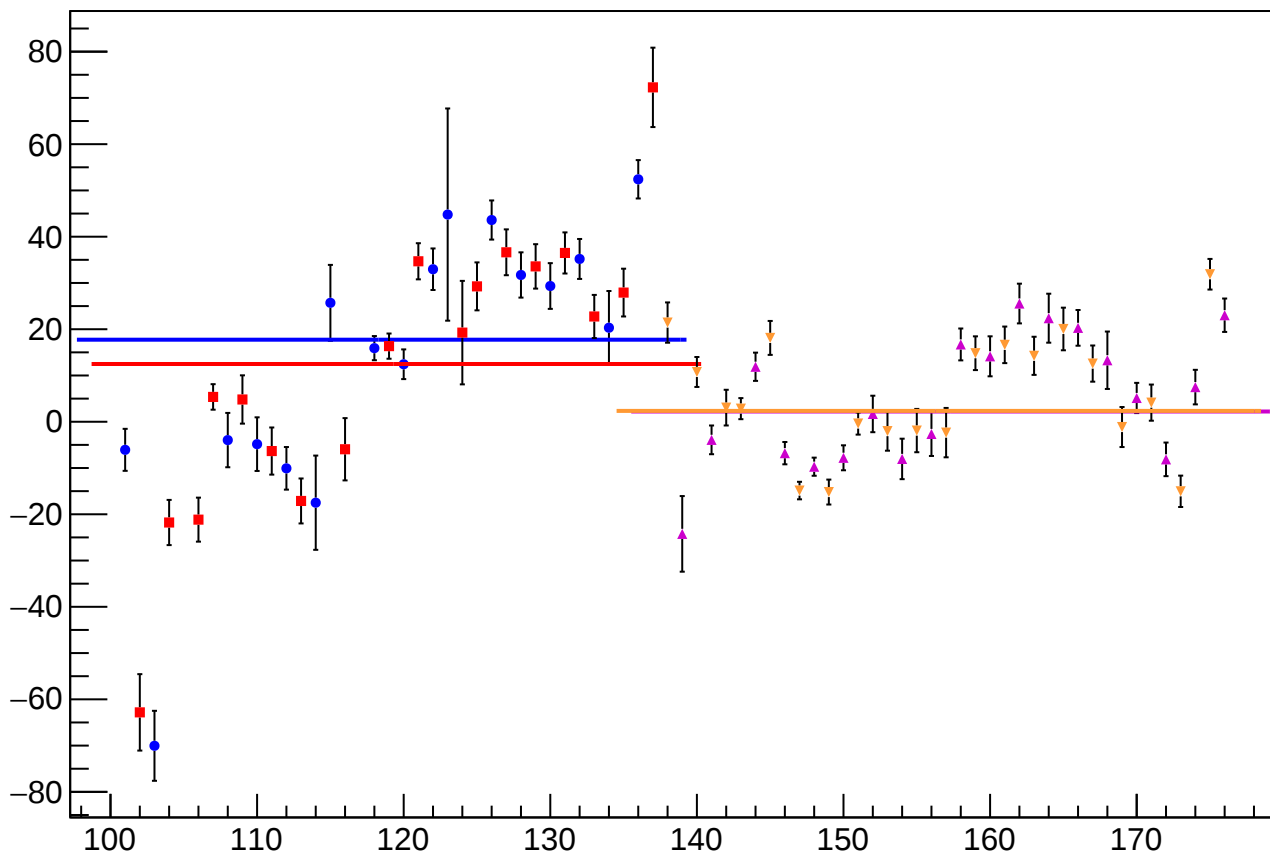
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.328+/-1.094 χ^2/NDF :1211.5/18

Out: 197.446+/-1.051 χ^2/NDF :2205.2/19

All: 203.153+/-0.758 χ^2/NDF : 3478.1/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 2.285 $\pm$ 0.541 χ^2/NDF : 569.5/38

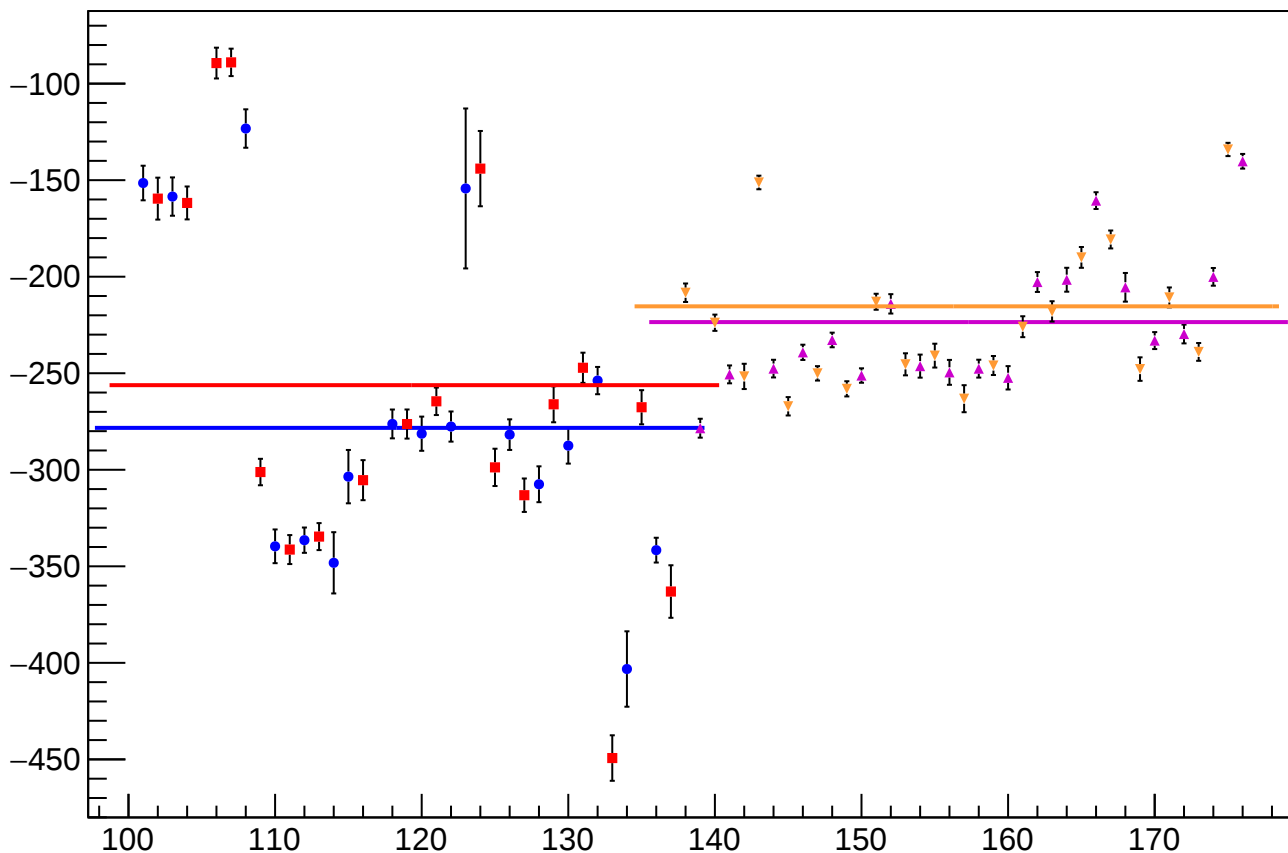
Right: 14.961 $\pm$ 0.789 χ^2/NDF : 834.2/34

In: 7.214 $\pm$ 0.652 χ^2/NDF : 752.2/35

Out: 5.575 $\pm$ 0.612 χ^2/NDF : 823.7/37

All: 6.344 $\pm$ 0.446 χ^2/NDF : 1579.3/73

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -215.348 ± 1.049 $\chi^2/\text{NDF}: 1517.4/19$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -223.508 ± 1.083 $\chi^2/\text{NDF}: 1104.9/18$

Left: -219.299 ± 0.754 $\chi^2/\text{NDF}: 2651.6/38$

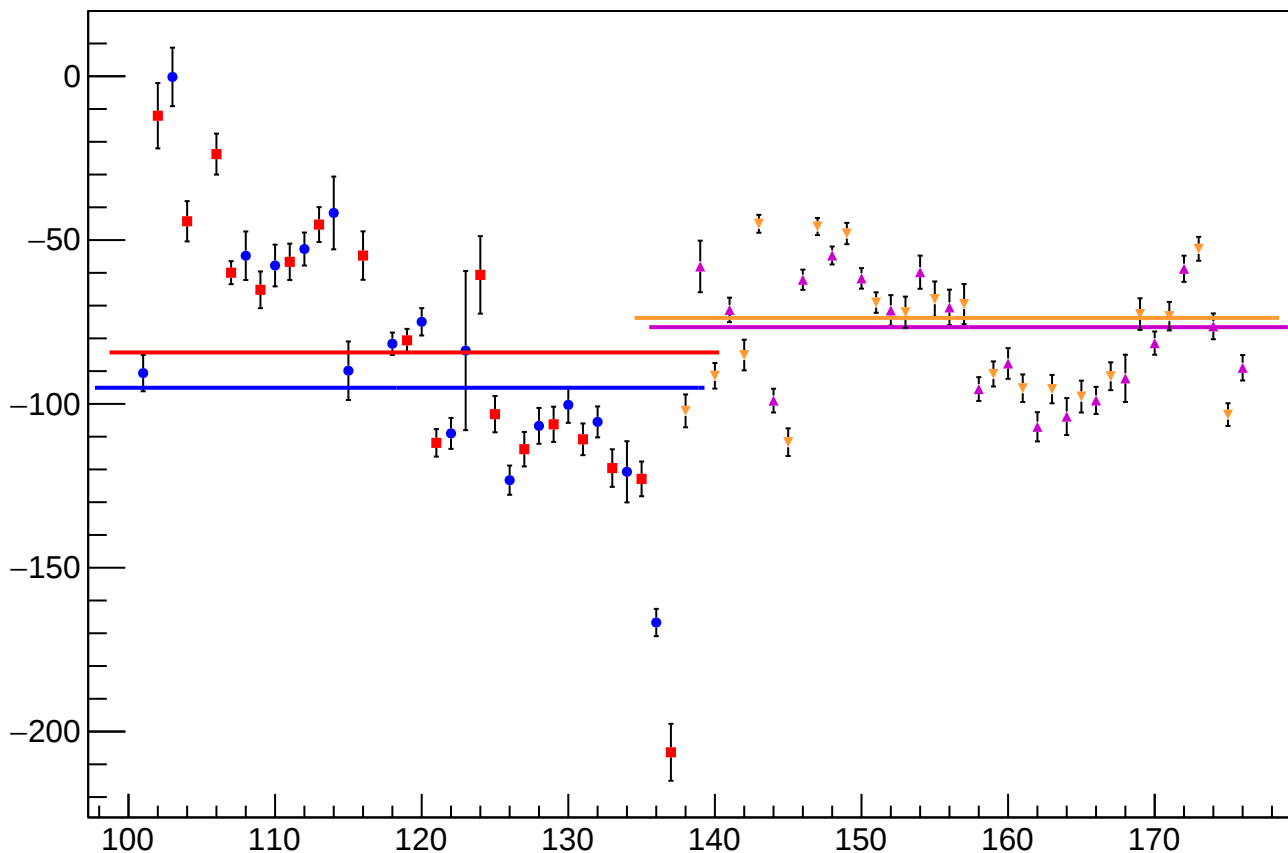
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -234.415 ± 0.969 $\chi^2/\text{NDF}: 2524.4/35$

Out: -223.990 ± 0.932 $\chi^2/\text{NDF}: 3790.1/37$

All: -228.996 ± 0.672 $\chi^2/\text{NDF}: 6374.6/73$

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: -73.760 ± 0.871 χ^2/NDF : 648.9/19

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.572 ± 0.922 χ^2/NDF : 336.1/18

Left: -75.086 ± 0.633 χ^2/NDF : 989.9/38

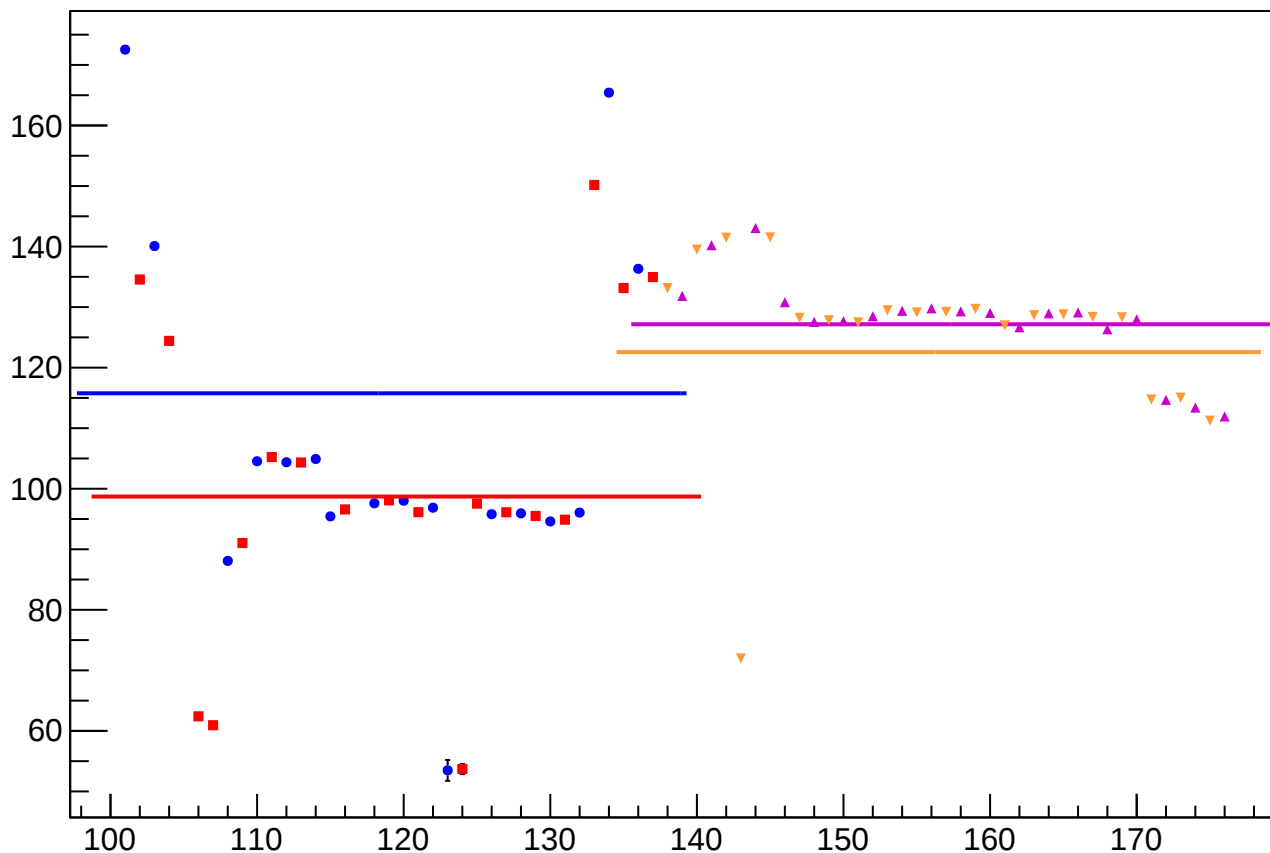
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -82.603 ± 0.757 χ^2/NDF : 1140.7/35

Out: -77.171 ± 0.716 χ^2/NDF : 1465.0/37

All: -79.737 ± 0.520 χ^2/NDF : 2632.9/73

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.569 $\pm$ 0.042 χ^2 /NDF:173514.5/19

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 127.167 $\pm$ 0.043 χ^2 /NDF:32738.8/18

Left: 124.826 $\pm$ 0.030 χ^2 /NDF: 212061.0/38

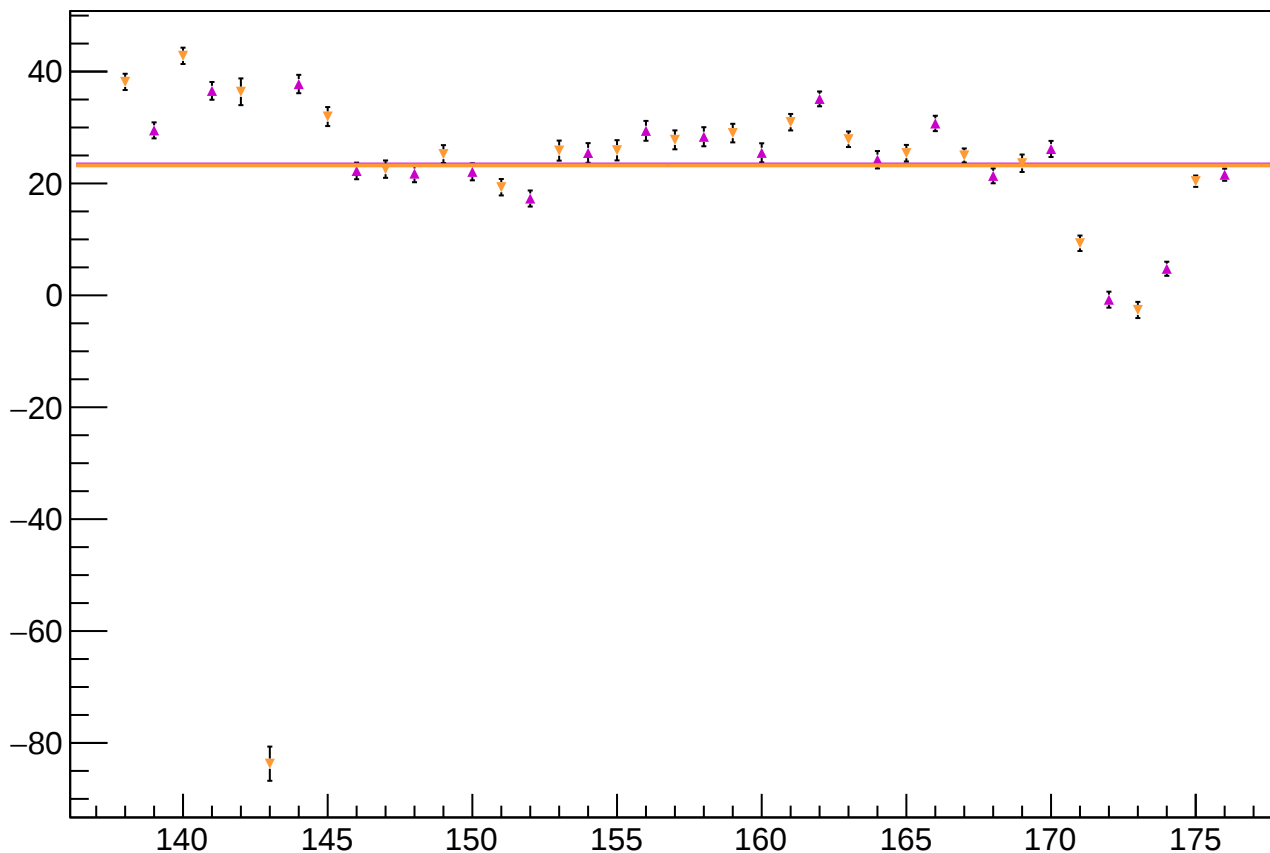
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 124.509 $\pm$ 0.038 χ^2 /NDF:155393.3/35

Out: 116.019 $\pm$ 0.036 χ^2 /NDF:431142.5/37

All: 120.068 $\pm$ 0.026 χ^2 /NDF: 613061.3/73

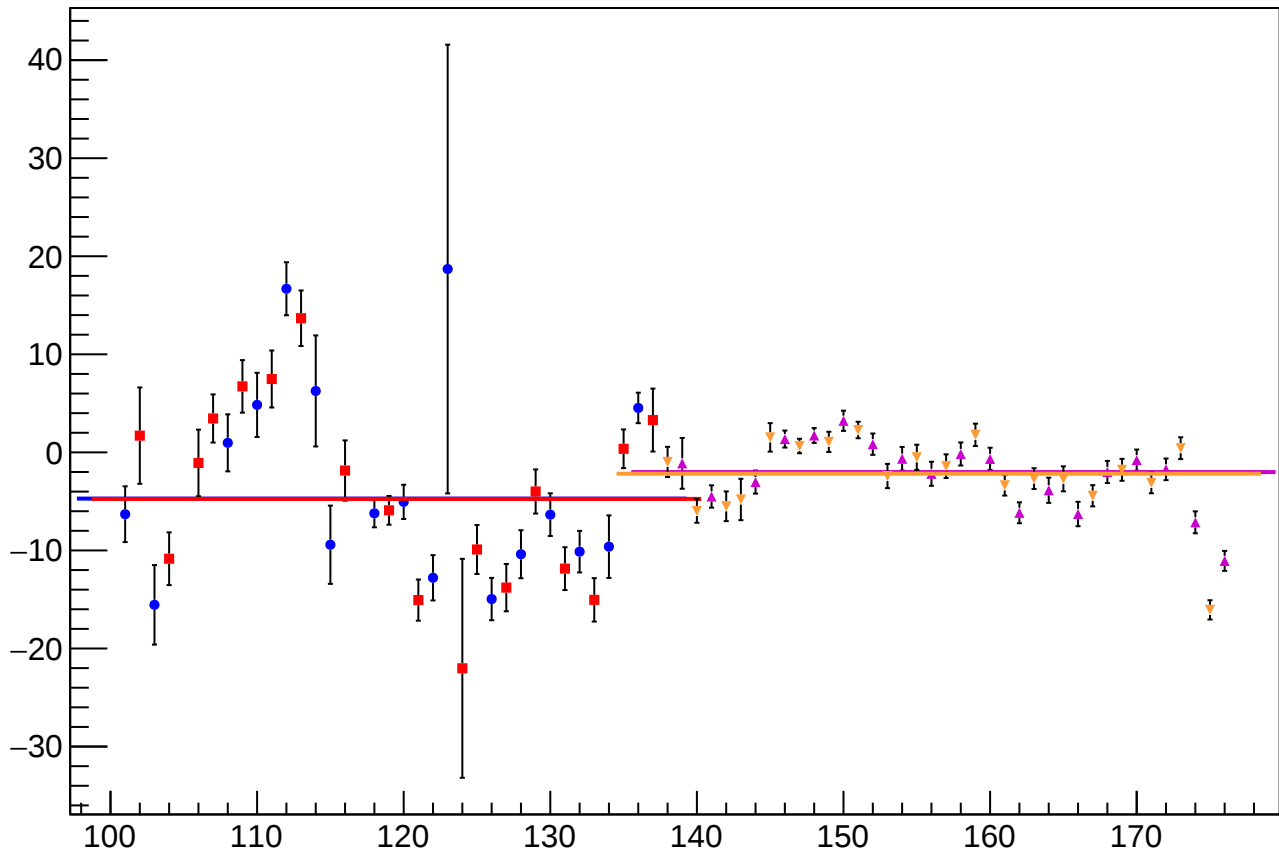
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 23.234 $\pm$ 0.341 χ^2 /NDF:2071.2/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.369 $\pm$ 0.335 χ^2 /NDF:827.5/18

Left: 23.303 $\pm$ 0.239 χ^2 /NDF: 2898.8/38
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.369 $\pm$ 0.335 χ^2 /NDF:827.5/18
 Out: 23.234 $\pm$ 0.341 χ^2 /NDF:2071.2/19
 All: 23.303 $\pm$ 0.239 χ^2 /NDF: 2898.8/38

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: -2.177 ± 0.250 χ^2/NDF : 302.9/19

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -2.009 ± 0.252 χ^2/NDF : 213.5/18

Left: -2.093 ± 0.178 χ^2/NDF : 516.6/38

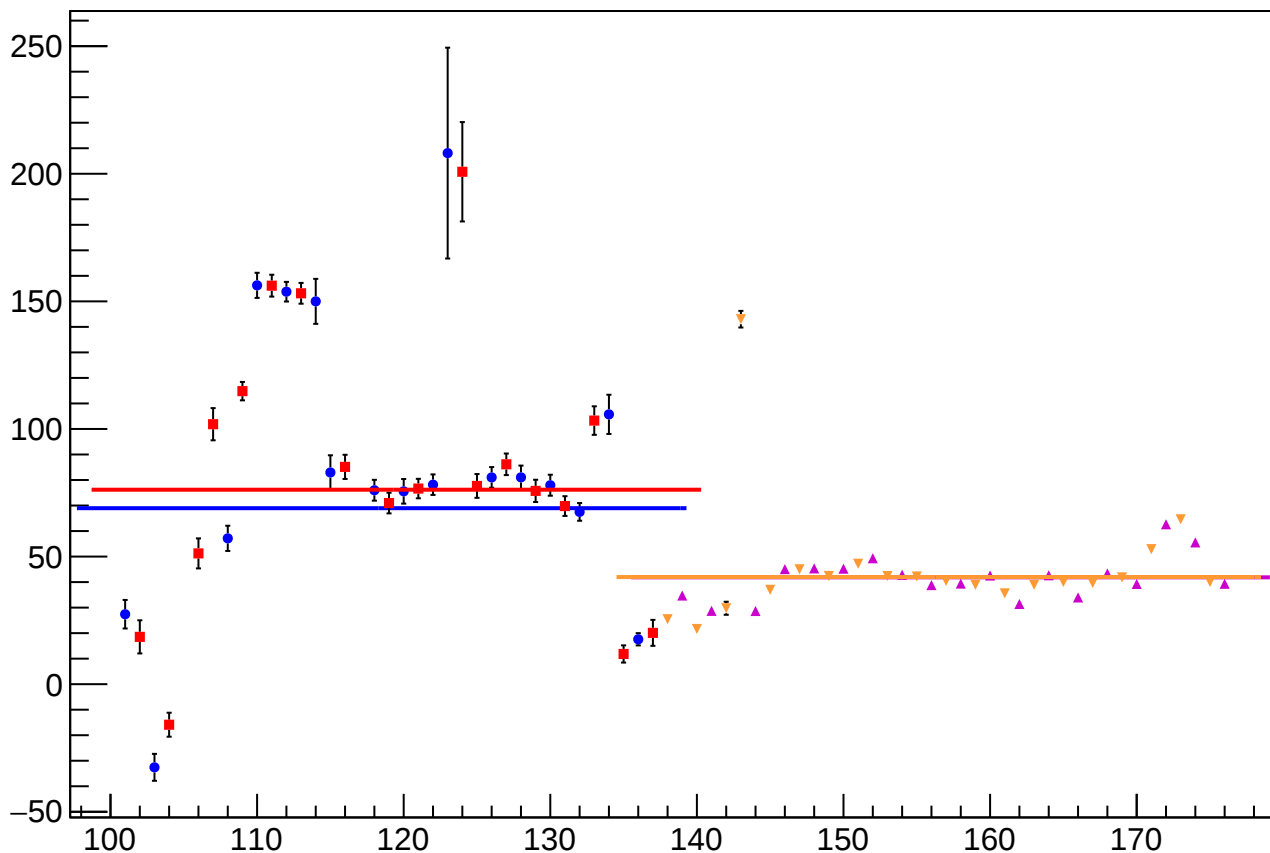
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -2.437 ± 0.231 χ^2/NDF : 406.4/35

Out: -2.573 ± 0.230 χ^2/NDF : 508.5/37

All: -2.506 ± 0.163 χ^2/NDF : 915.0/73

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: 41.977 ± 0.337 $\chi^2/\text{NDF}: 1617.9/19$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.864 ± 0.332 $\chi^2/\text{NDF}: 602.4/18$

Left: 41.920 ± 0.236 $\chi^2/\text{NDF}: 2220.4/38$

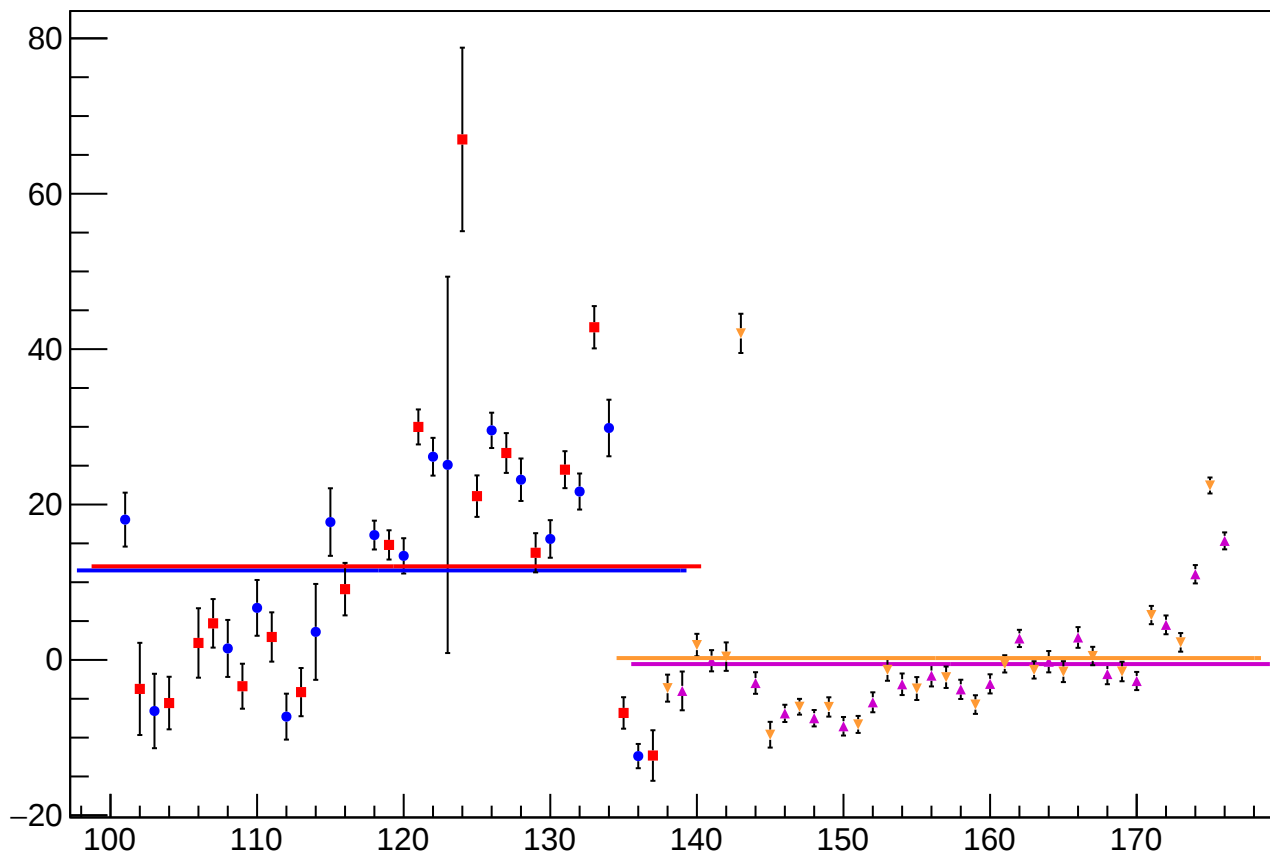
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 44.204 ± 0.317 $\chi^2/\text{NDF}: 3022.7/35$

Out: 45.056 ± 0.321 $\chi^2/\text{NDF}: 4428.0/37$

All: 44.624 ± 0.226 $\chi^2/\text{NDF}: 7454.3/73$

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: 0.238+/-0.287 χ^2/NDF : 975.1/19

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -0.535+/-0.288 χ^2/NDF : 501.2/18

Left: -0.147+/-0.203 χ^2/NDF : 1479.9/38

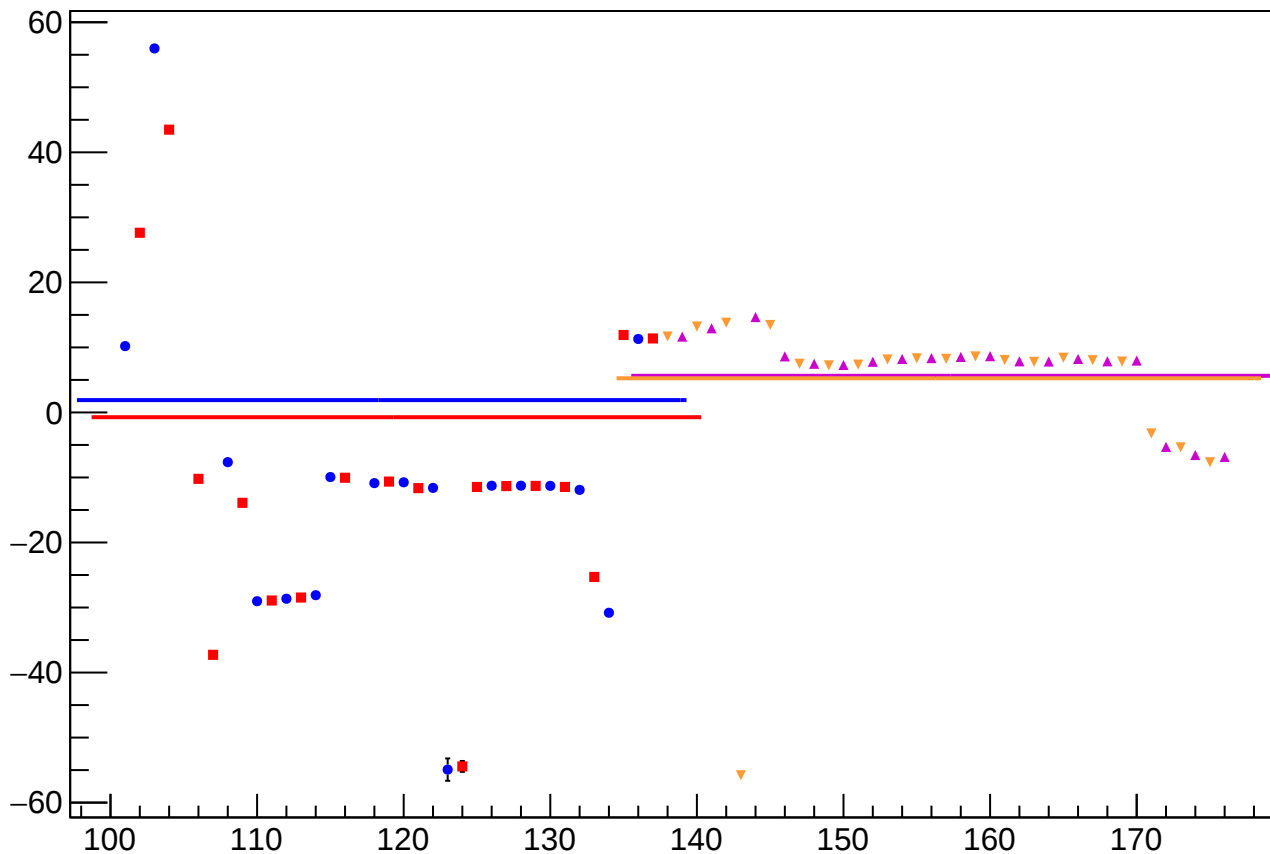
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 1.396+/-0.264 χ^2/NDF : 1258.8/35

Out: 2.092+/-0.263 χ^2/NDF : 1780.0/37

All: 1.745+/-0.186 χ^2/NDF : 3042.3/73

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 5.252 ± 0.013 χ^2/NDF : 427078.5/19

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 5.633 ± 0.013 χ^2/NDF : 238232.2/18

Left: 5.448 ± 0.009 χ^2/NDF : 665731.3/38

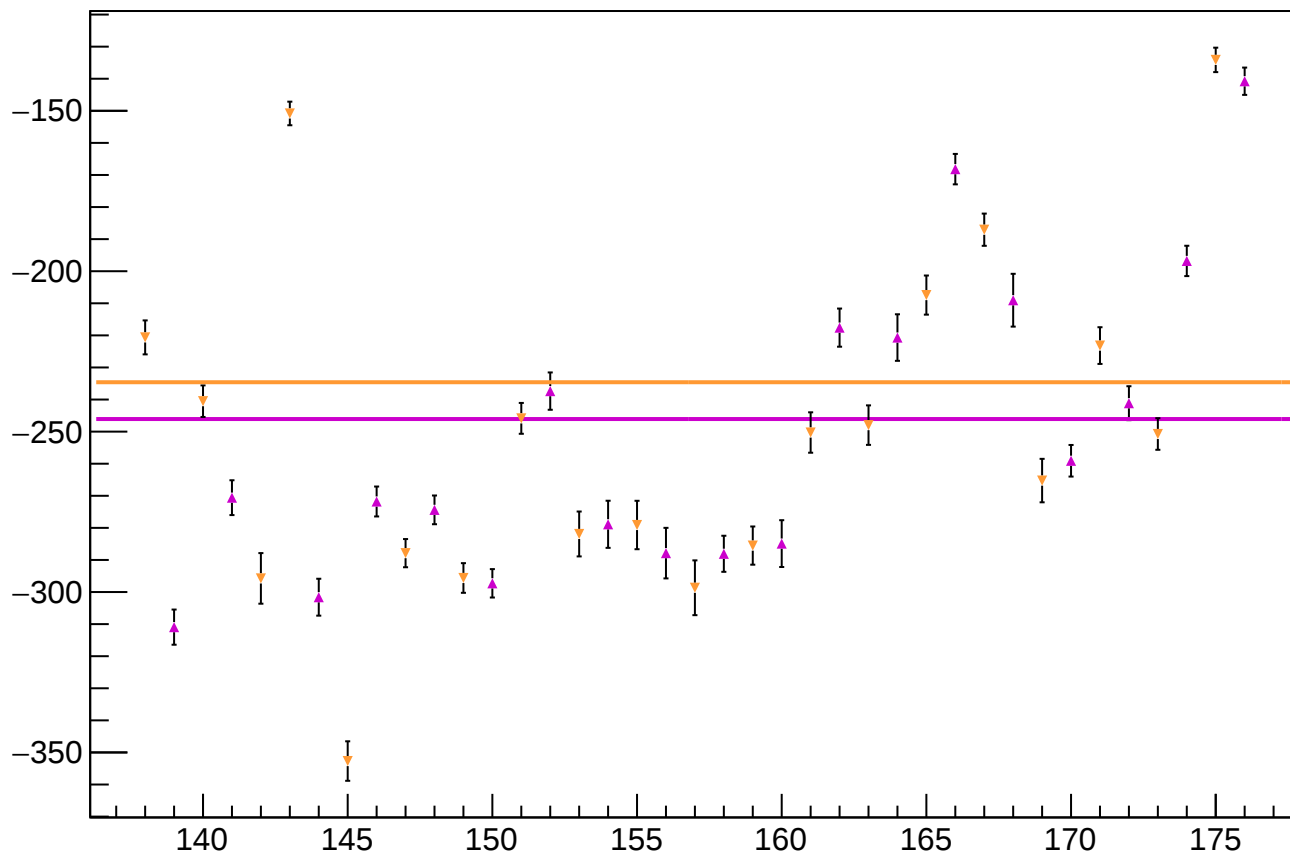
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 5.226 ± 0.012 χ^2/NDF : 606156.3/35

Out: 4.571 ± 0.013 χ^2/NDF : 810057.5/37

All: 4.906 ± 0.009 χ^2/NDF : 1417614.8/73

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: -234.604+/-1.199 χ^2/NDF :2343.5/19

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

Left In: -246.075+/-1.248 χ^2/NDF :1646.3/18

Left: -240.111+/-0.864 χ^2/NDF : 4033.8/38

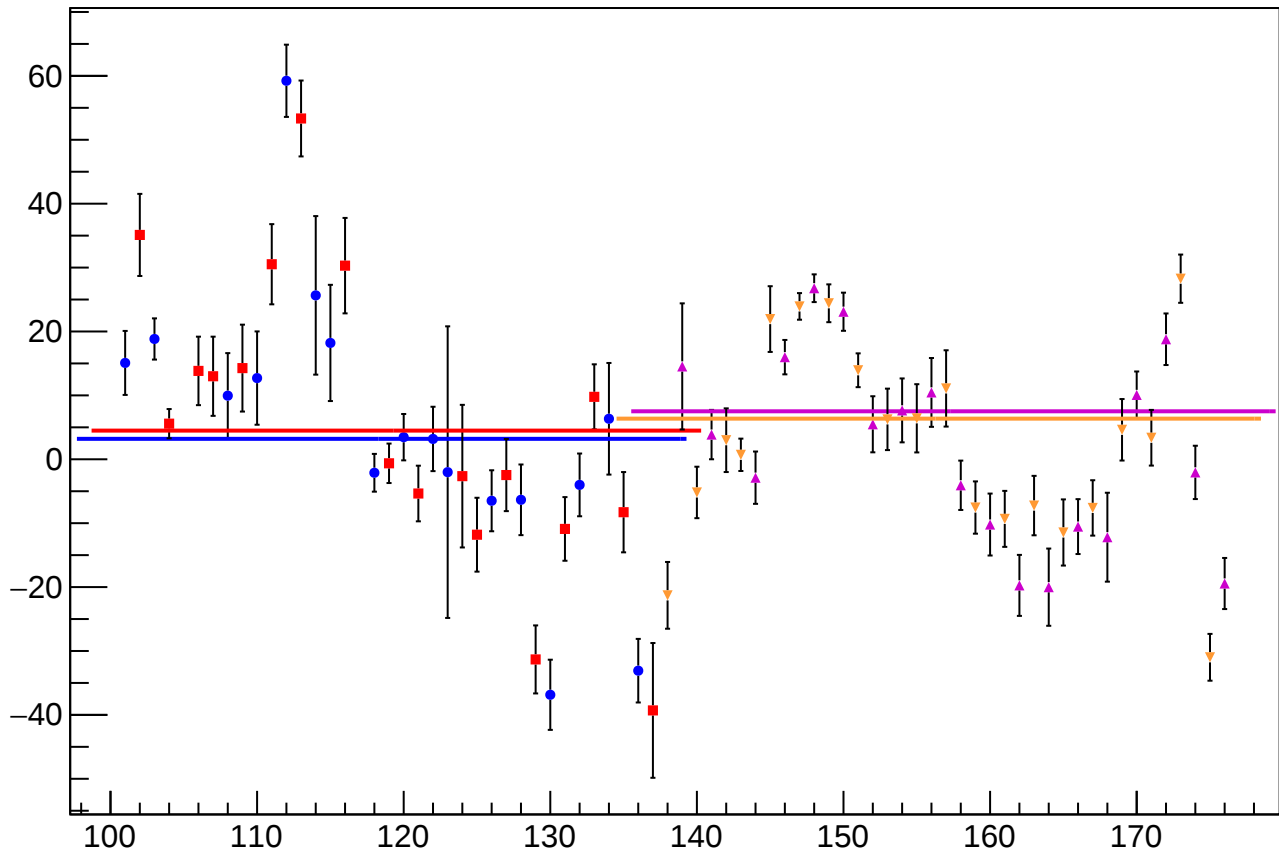
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -246.075+/-1.248 χ^2/NDF :1646.3/18

Out: -234.604+/-1.199 χ^2/NDF :2343.5/19

All: -240.111+/-0.864 χ^2/NDF : 4033.8/38

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: 6.361 ± 0.840 χ^2/NDF : 361.5/19

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 7.510 ± 0.899 χ^2/NDF : 284.6/18

Left: 6.897 ± 0.614 χ^2/NDF : 646.9/38

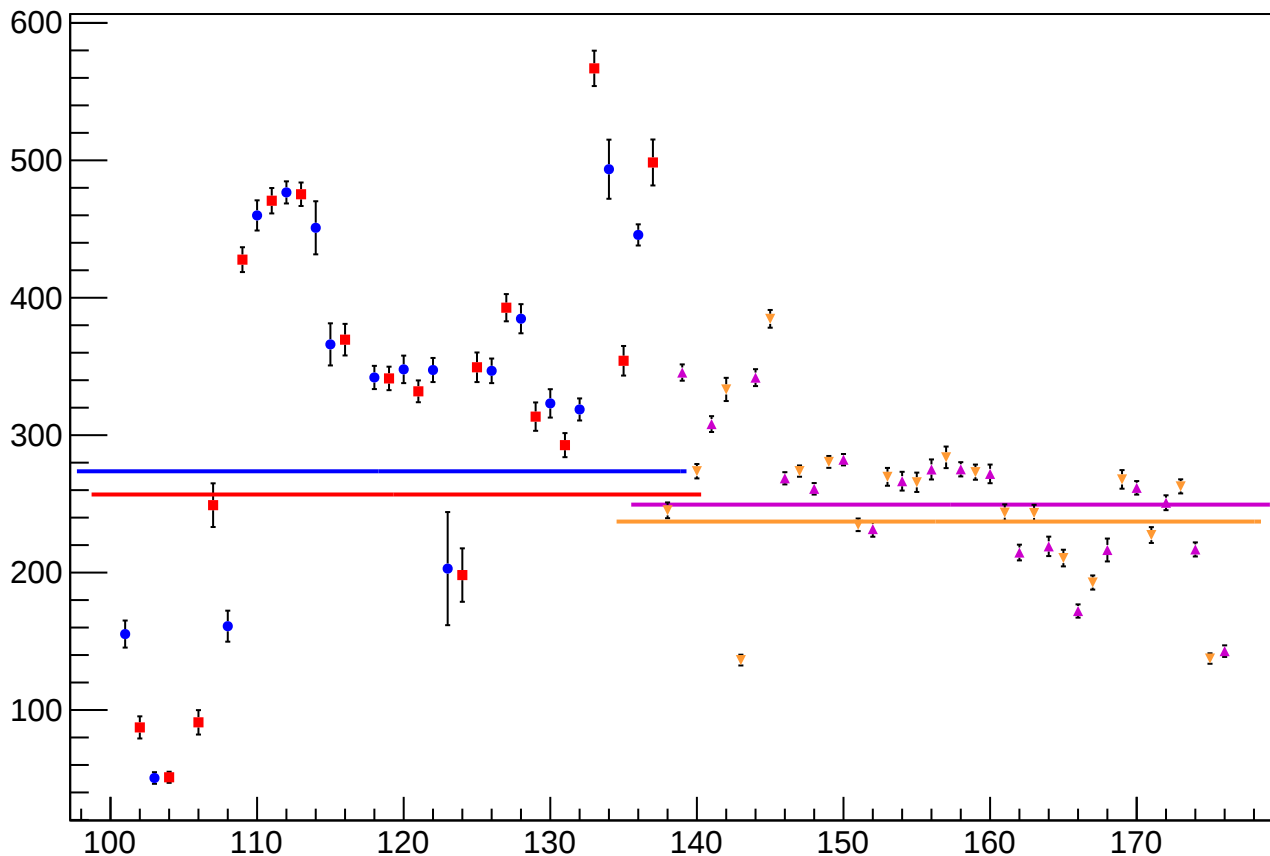
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 6.005 ± 0.725 χ^2/NDF : 547.8/35

Out: 5.715 ± 0.680 χ^2/NDF : 584.9/37

All: 5.851 ± 0.496 χ^2/NDF : 1132.8/73

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF : 5103.3/16

Left Out: 237.130+/-1.192 χ^2/NDF :2495.9/19

Right Out: 256.826+/-2.084 χ^2/NDF : 6411.8/17

Left In: 249.460+/-1.232 χ^2/NDF :1759.5/18

Left: 243.094+/-0.857 χ^2/NDF : 4307.2/38

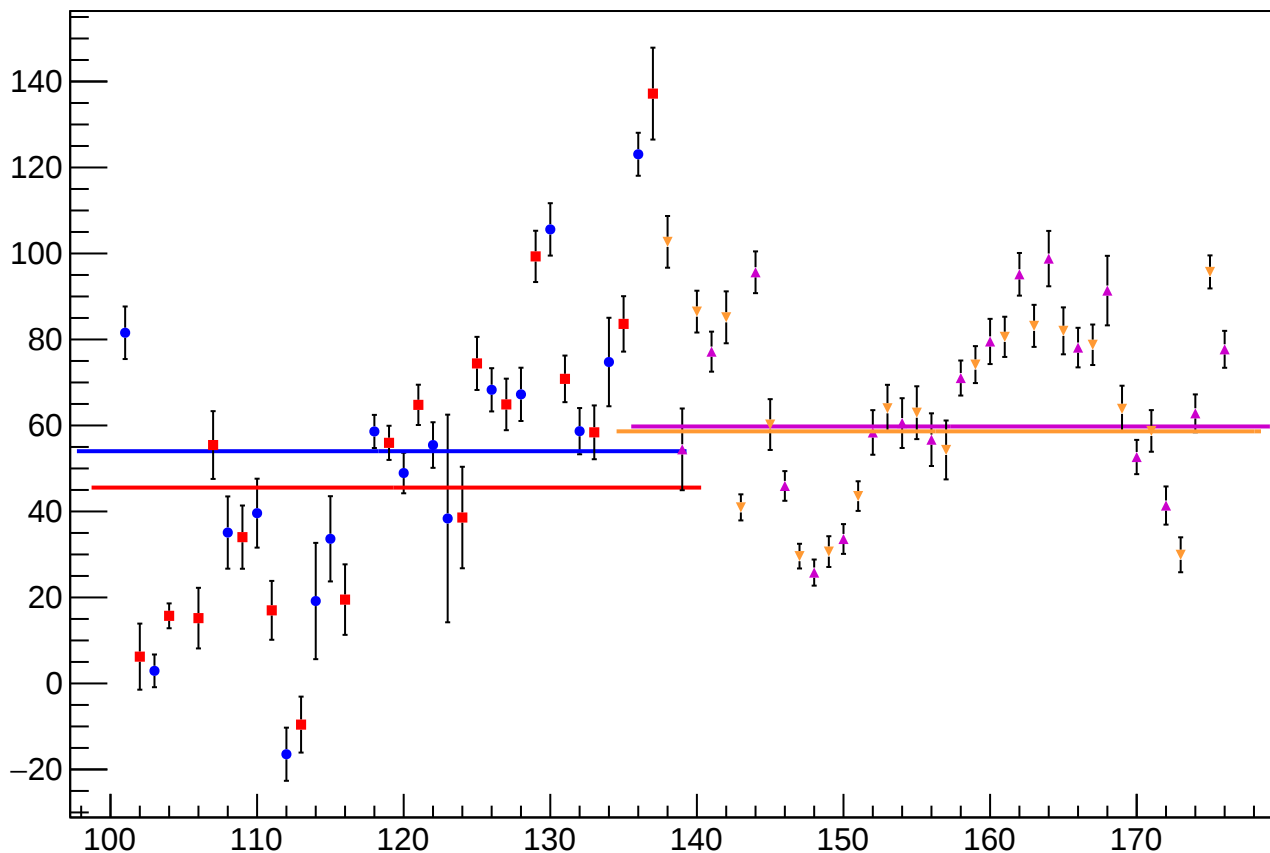
Right: 264.834+/-1.511 χ^2/NDF : 11546.2/34

In: 255.271+/-1.074 χ^2/NDF :6955.7/35

Out: 241.988+/-1.035 χ^2/NDF :8975.0/37

All: 248.381+/-0.745 χ^2/NDF : 16010.0/73

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: 58.632 $\pm$ 0.988 χ^2 /NDF:564.8/19

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 59.766 $\pm$ 1.047 χ^2 /NDF:446.4/18

Left: 59.166 $\pm$ 0.718 χ^2 /NDF: 1011.8/38

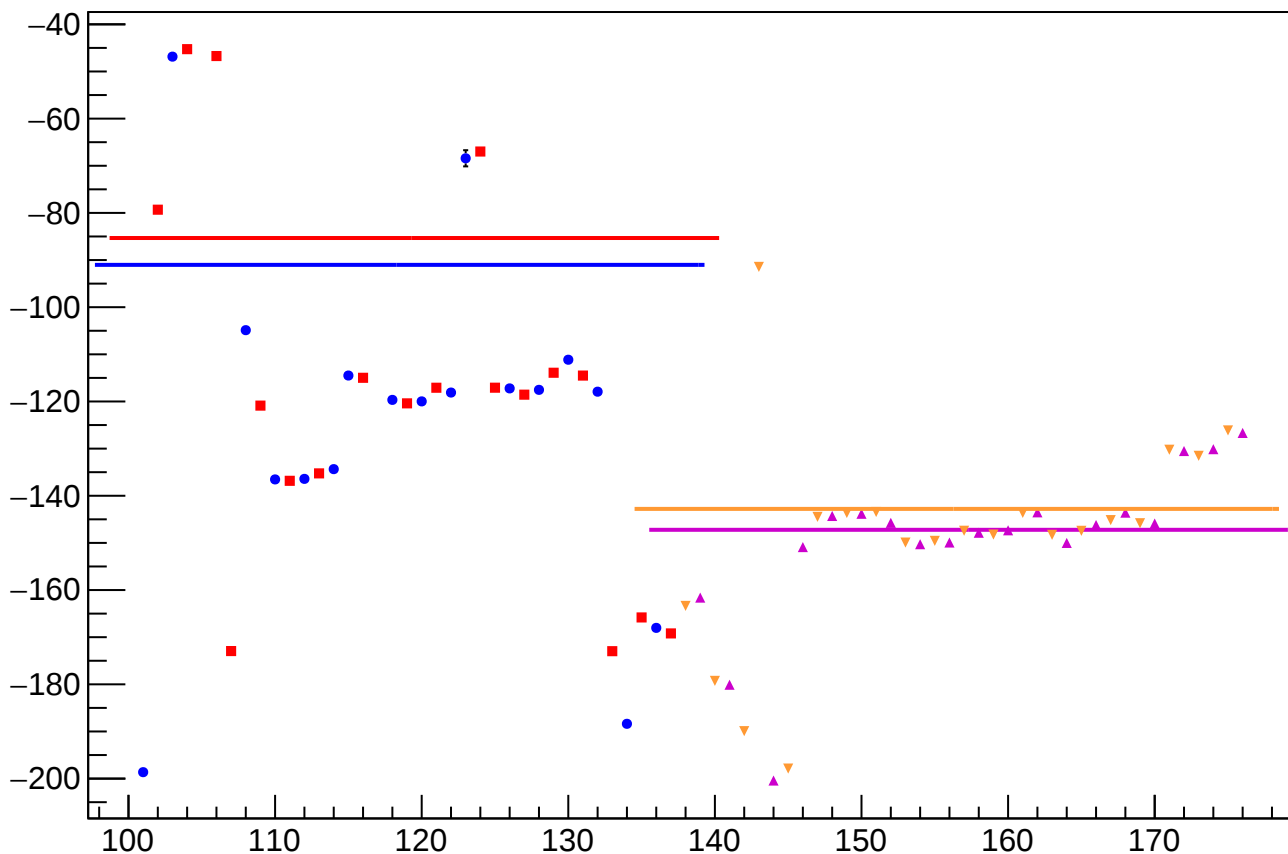
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.747 $\pm$ 0.843 χ^2 /NDF:1089.9/35

Out: 54.109 $\pm$ 0.799 χ^2 /NDF:1152.0/37

All: 55.829 $\pm$ 0.580 χ^2 /NDF: 2251.7/73

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: -142.786+/-0.048 χ^2/NDF :224755.6/19

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -147.221+/-0.049 χ^2/NDF :92640.1/18

Left: -144.963+/-0.034 χ^2/NDF : 321573.4/38

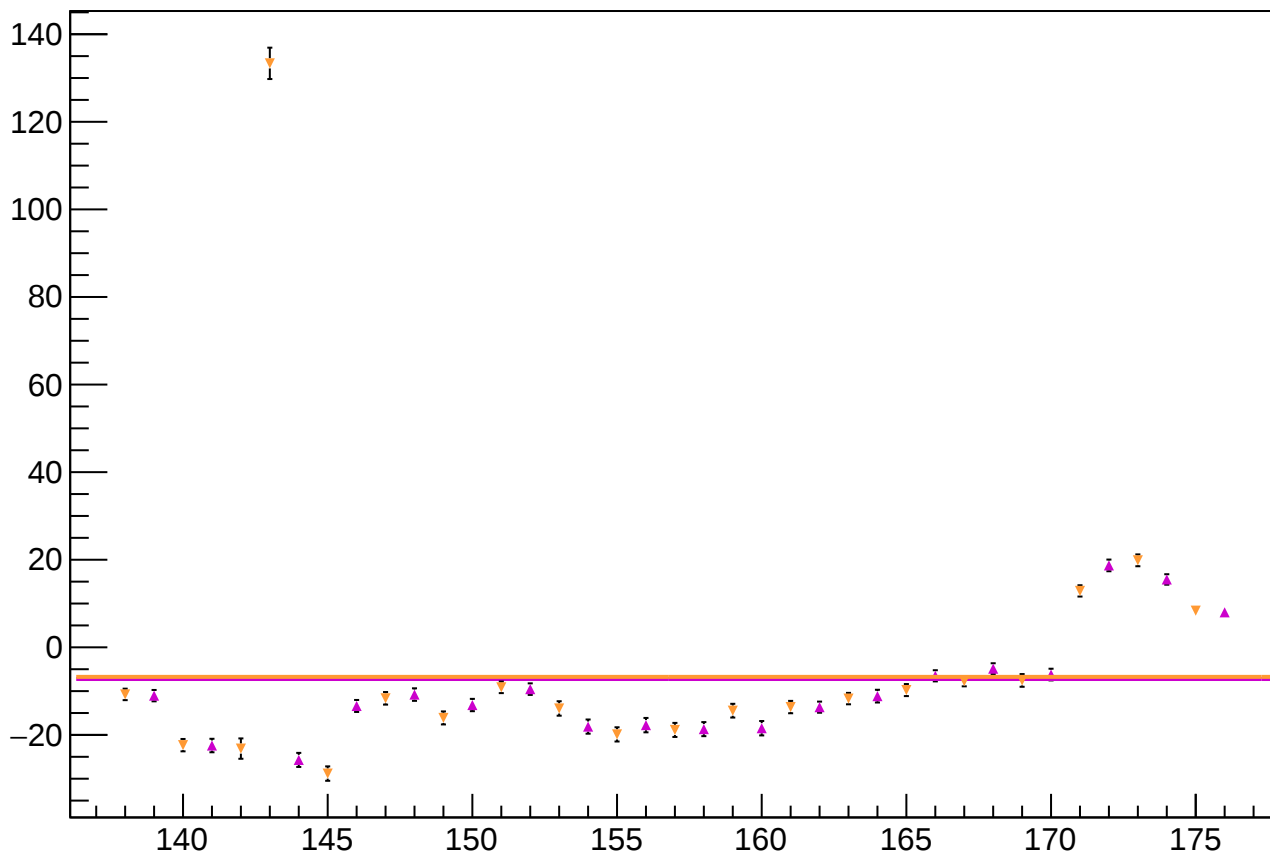
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -127.876+/-0.040 χ^2/NDF :1080393.5/35

Out: -122.527+/-0.039 χ^2/NDF :1211294.3/37

All: -125.136+/-0.028 χ^2/NDF : 2301011.2/73

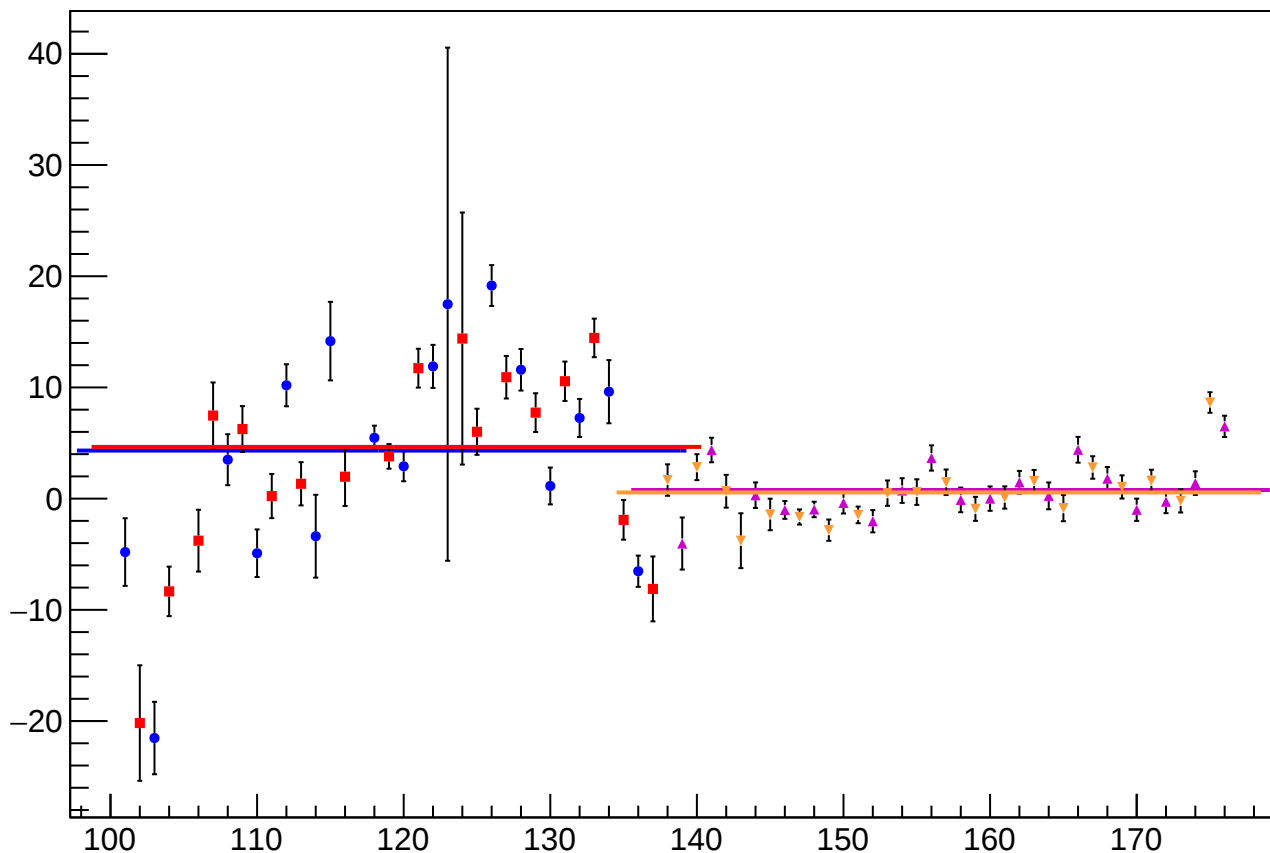
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.747+/-0.319 χ^2/NDF :3023.7/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.233+/-0.314 χ^2/NDF :1467.9/18

Left: -6.994+/-0.224 χ^2/NDF : 4492.8/38
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.233+/-0.314 χ^2/NDF :1467.9/18
 Out: -6.747+/-0.319 χ^2/NDF :3023.7/19
 All: -6.994+/-0.224 χ^2/NDF : 4492.8/38

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: 0.558 $\pm$ 0.234 χ^2/NDF :128.3/19

Right Out: 4.653 $\pm$ 0.474 χ^2/NDF : 184.4/17

Left In: 0.777 $\pm$ 0.236 χ^2/NDF :94.9/18

Left: 0.666 $\pm$ 0.166 χ^2/NDF : 223.6/38

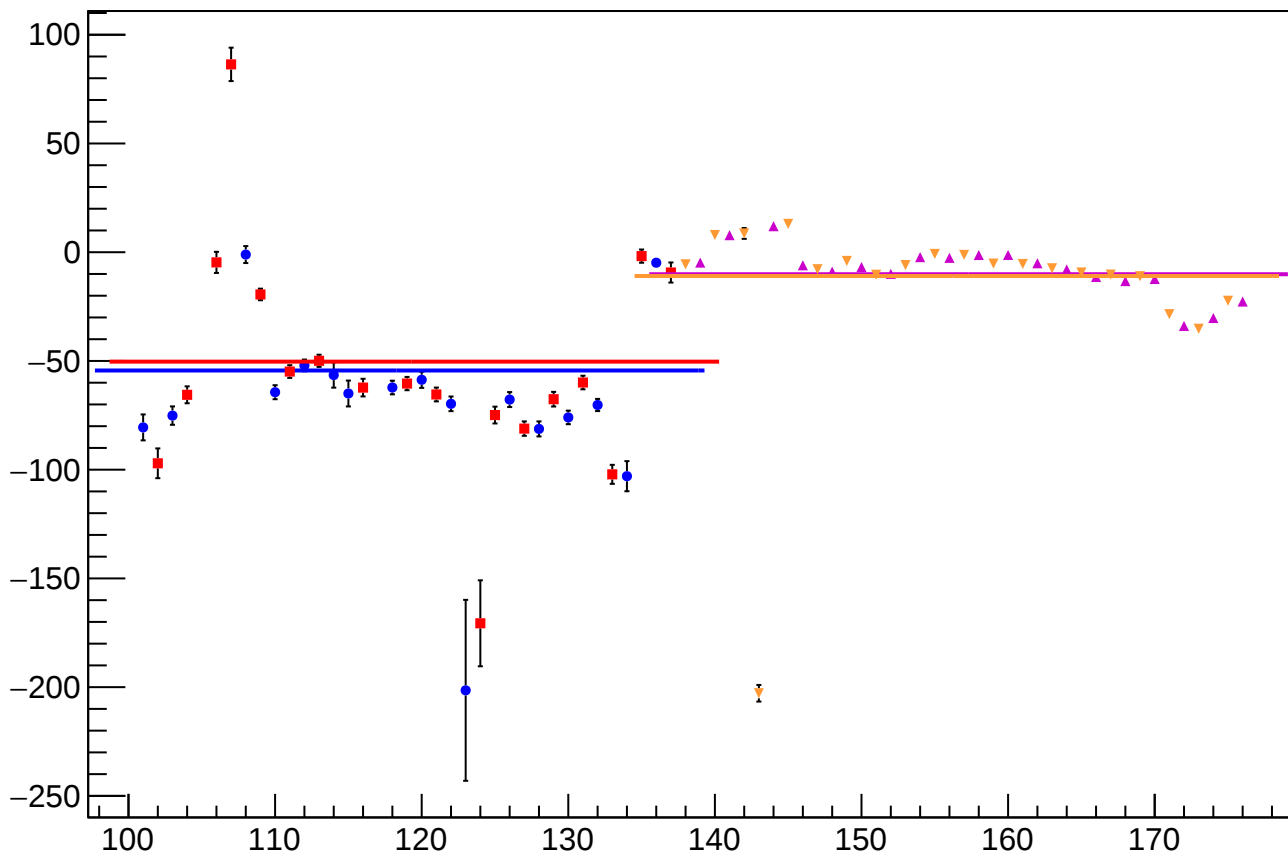
Right: 4.484 $\pm$ 0.332 χ^2/NDF : 465.0/34

In: 1.503 $\pm$ 0.211 χ^2/NDF :421.3/35

Out: 1.360 $\pm$ 0.210 χ^2/NDF :372.8/37

All: 1.431 $\pm$ 0.149 χ^2/NDF : 794.3/73

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -10.945 $\pm$ 0.315 χ^2 /NDF: 3743.2/19

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -10.125 $\pm$ 0.310 χ^2 /NDF: 1165.7/18

Left: -10.529 $\pm$ 0.221 χ^2 /NDF: 4912.4/38

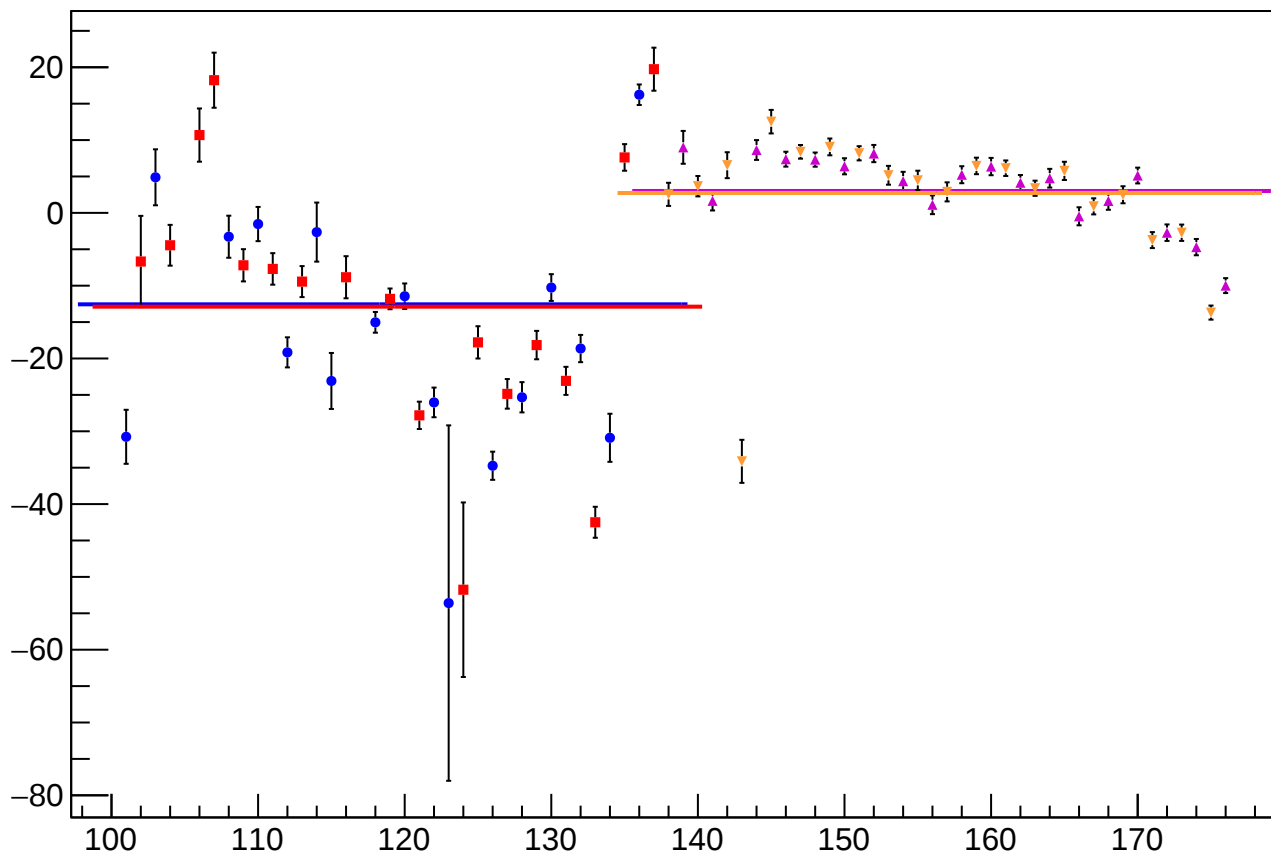
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -15.179 $\pm$ 0.292 χ^2 /NDF: 4501.9/35

Out: -15.624 $\pm$ 0.296 χ^2 /NDF: 6916.5/37

All: -15.399 $\pm$ 0.208 χ^2 /NDF: 11419.5/73

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: 2.734 ± 0.269 χ^2/NDF : 677.1/19

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 3.010 ± 0.270 χ^2/NDF : 355.6/18

Left: 2.871 ± 0.190 χ^2/NDF : 1033.1/38

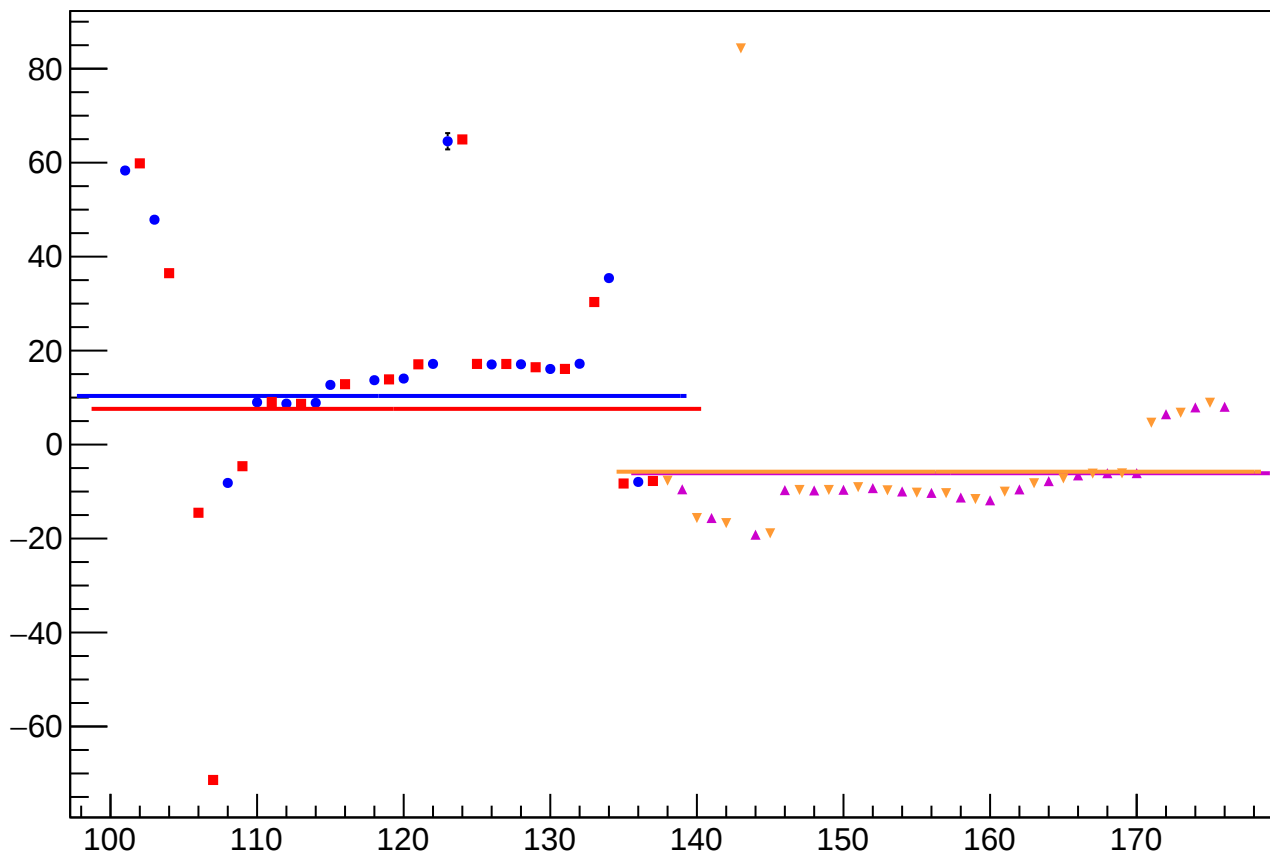
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.189 ± 0.241 χ^2/NDF : 1817.1/35

Out: -0.379 ± 0.240 χ^2/NDF : 2077.5/37

All: -0.284 ± 0.170 χ^2/NDF : 3894.9/73

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: -5.771+/-0.012 χ^2/NDF : 685059.3/19

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -6.100+/-0.012 χ^2/NDF : 371034.1/18

Left: -5.940+/-0.009 χ^2/NDF : 1056451.9/38

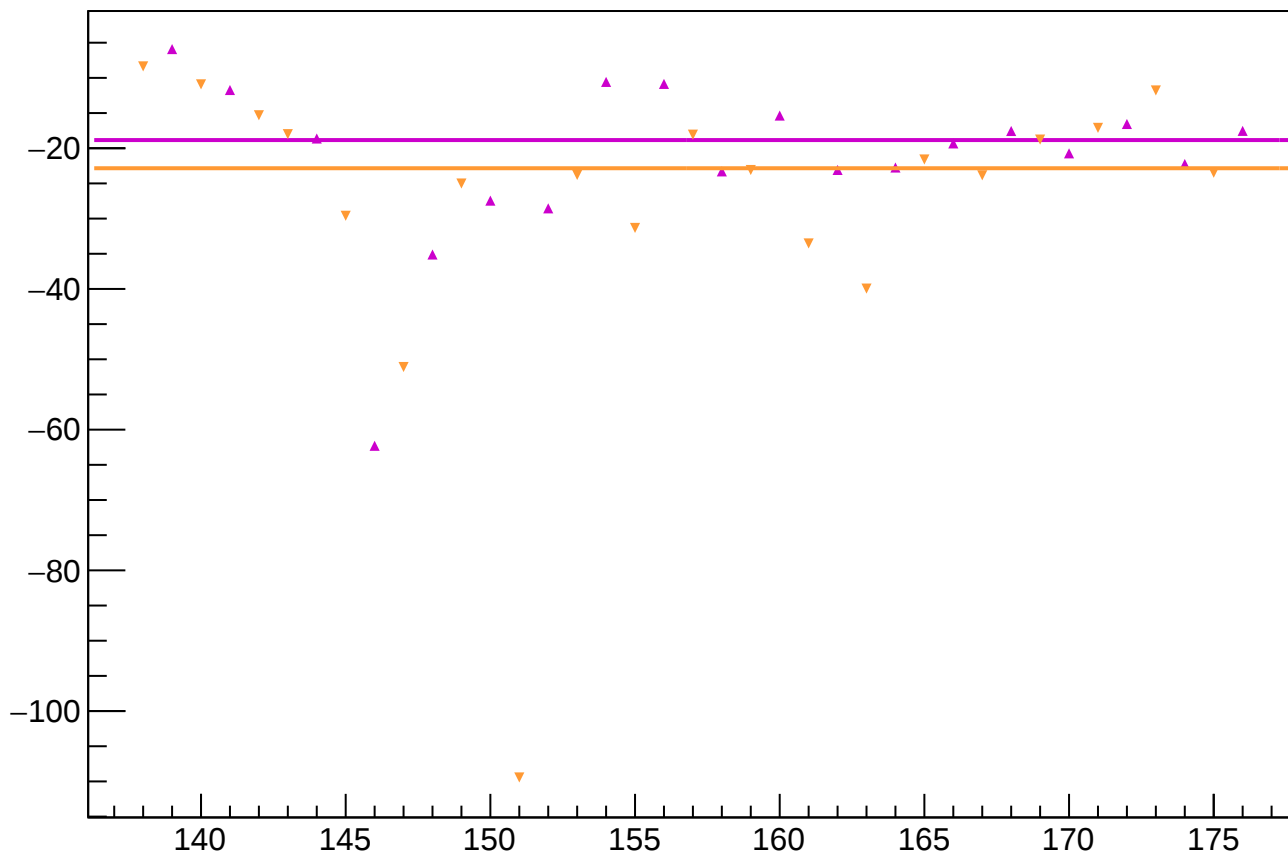
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -3.868+/-0.011 χ^2/NDF : 1002028.1/35

Out: -3.945+/-0.012 χ^2/NDF : 1381210.7/37

All: -3.906+/-0.008 χ^2/NDF : 2383261.4/73

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: -22.844+/-0.051 χ^2/NDF : 62466.6/19

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

Left In: -18.839+/-0.046 χ^2/NDF : 38461.5/18

Left: -20.607+/-0.034 χ^2/NDF : 104332.5/38

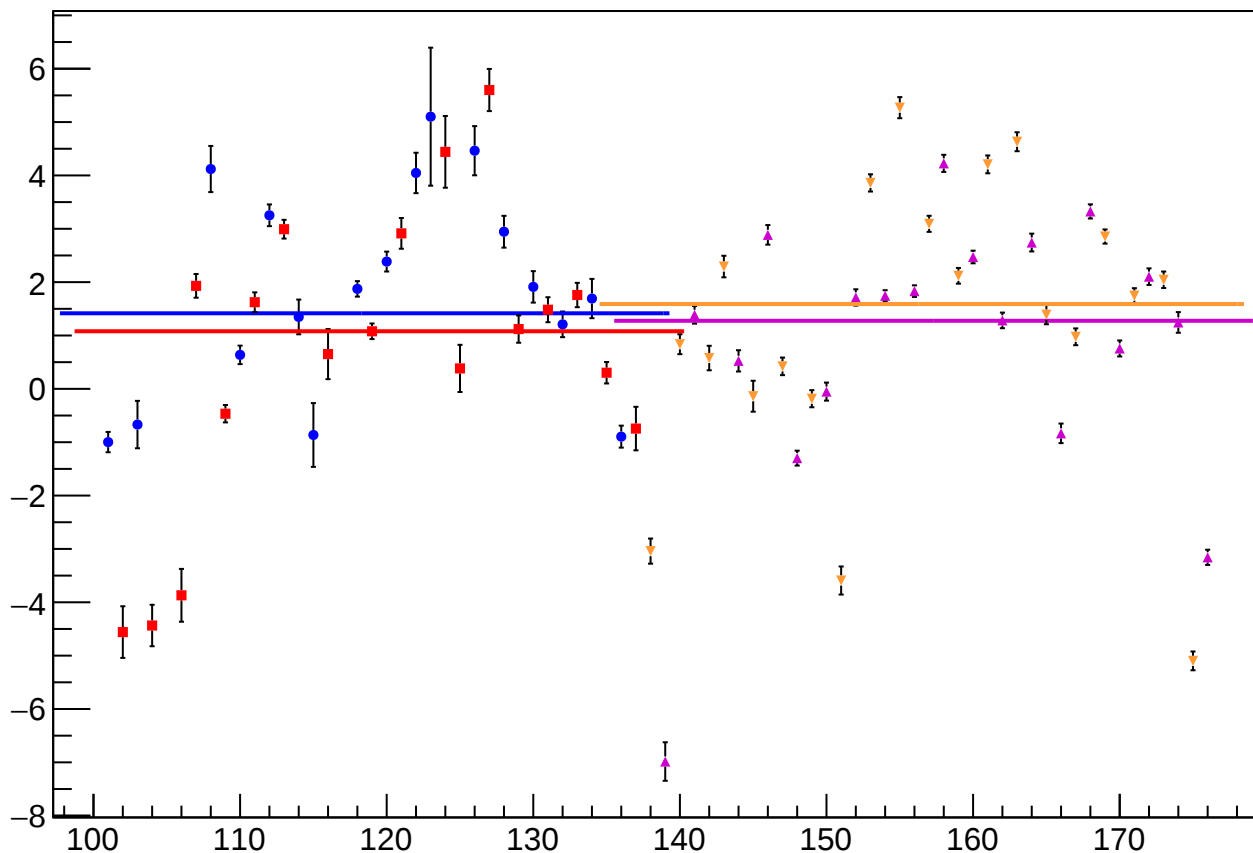
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.839+/-0.046 χ^2/NDF : 38461.5/18

Out: -22.844+/-0.051 χ^2/NDF : 62466.6/19

All: -20.607+/-0.034 χ^2/NDF : 104332.5/38

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: 1.589 $\pm$ 0.039 χ^2/NDF : 3785.4/19

Right Out: 1.080 $\pm$ 0.058 χ^2/NDF : 916.1/17

Left In: 1.275 $\pm$ 0.034 χ^2/NDF : 2964.0/18

Left: 1.414 $\pm$ 0.026 χ^2/NDF : 6786.1/38

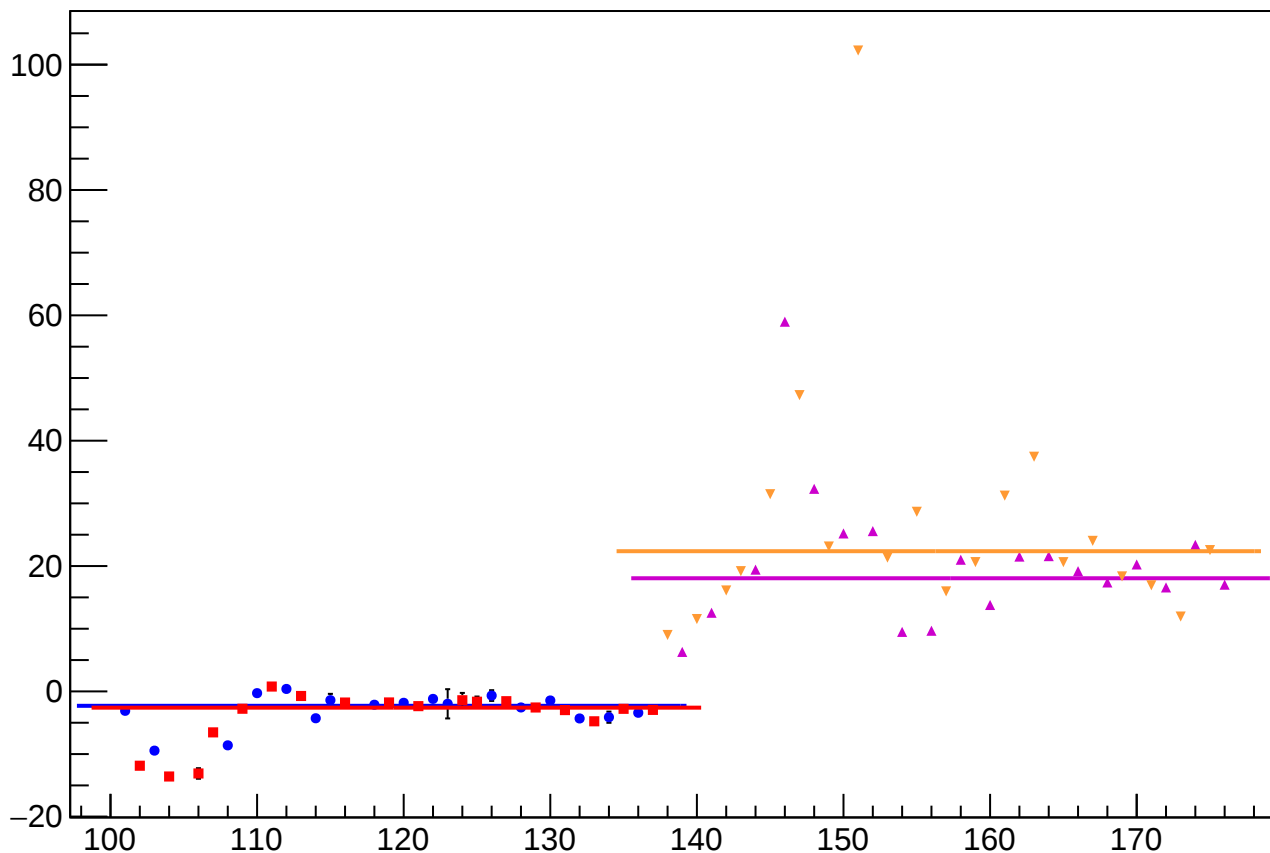
Right: 1.239 $\pm$ 0.042 χ^2/NDF : 1563.2/34

In: 1.309 $\pm$ 0.030 χ^2/NDF : 3599.2/35

Out: 1.433 $\pm$ 0.032 χ^2/NDF : 4754.7/37

All: 1.367 $\pm$ 0.022 χ^2/NDF : 8361.8/73

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: 22.369 ± 0.051 χ^2/NDF : 55651.2/19

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 18.052 ± 0.045 χ^2/NDF : 36495.5/18

Left: 19.934 ± 0.034 χ^2/NDF : 96212.2/38

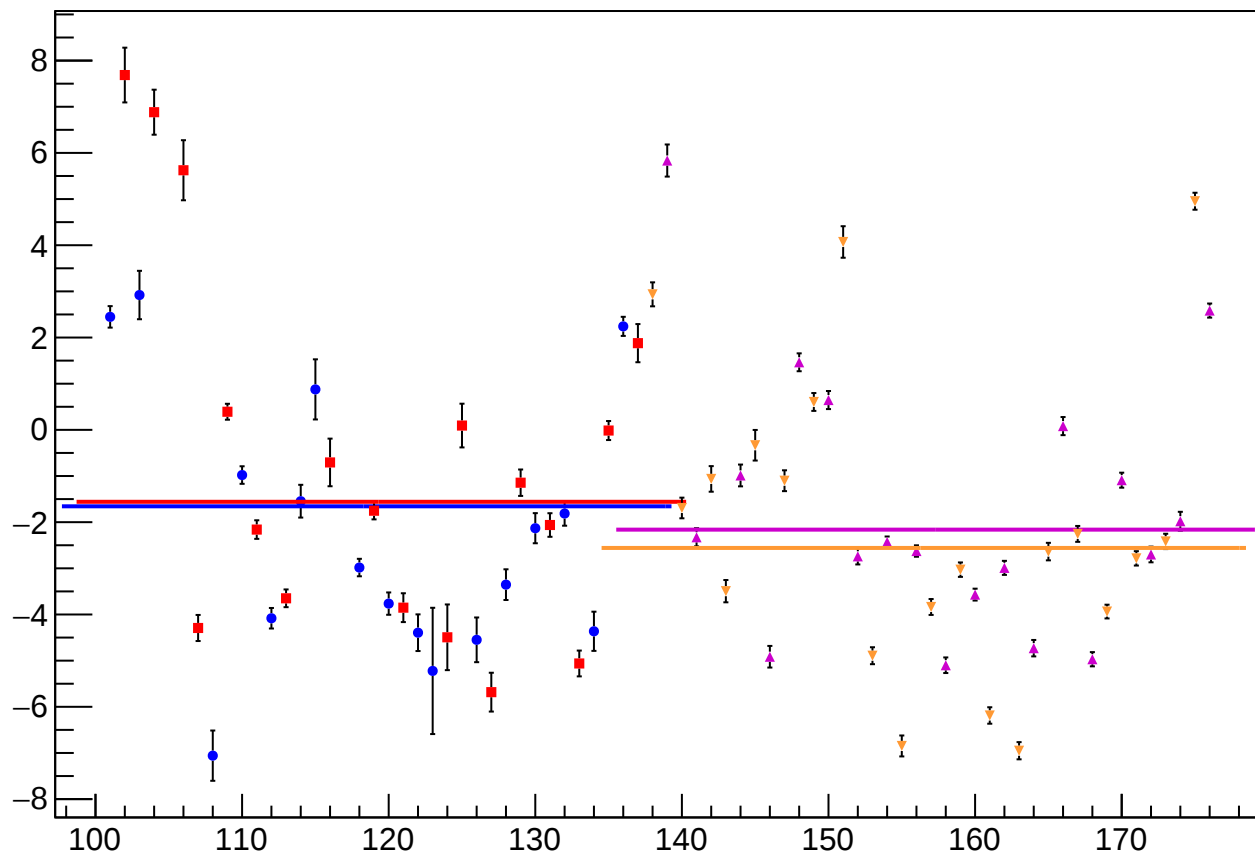
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 15.206 ± 0.041 χ^2/NDF : 65935.9/35

Out: 17.180 ± 0.045 χ^2/NDF : 106631.5/37

All: 16.107 ± 0.031 χ^2/NDF : 173602.2/73

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: -2.558 ± 0.044 χ^2/NDF : 4550.4/19

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.162 ± 0.039 χ^2/NDF : 3419.4/18

Left: -2.337 ± 0.029 χ^2/NDF : 8016.1/38

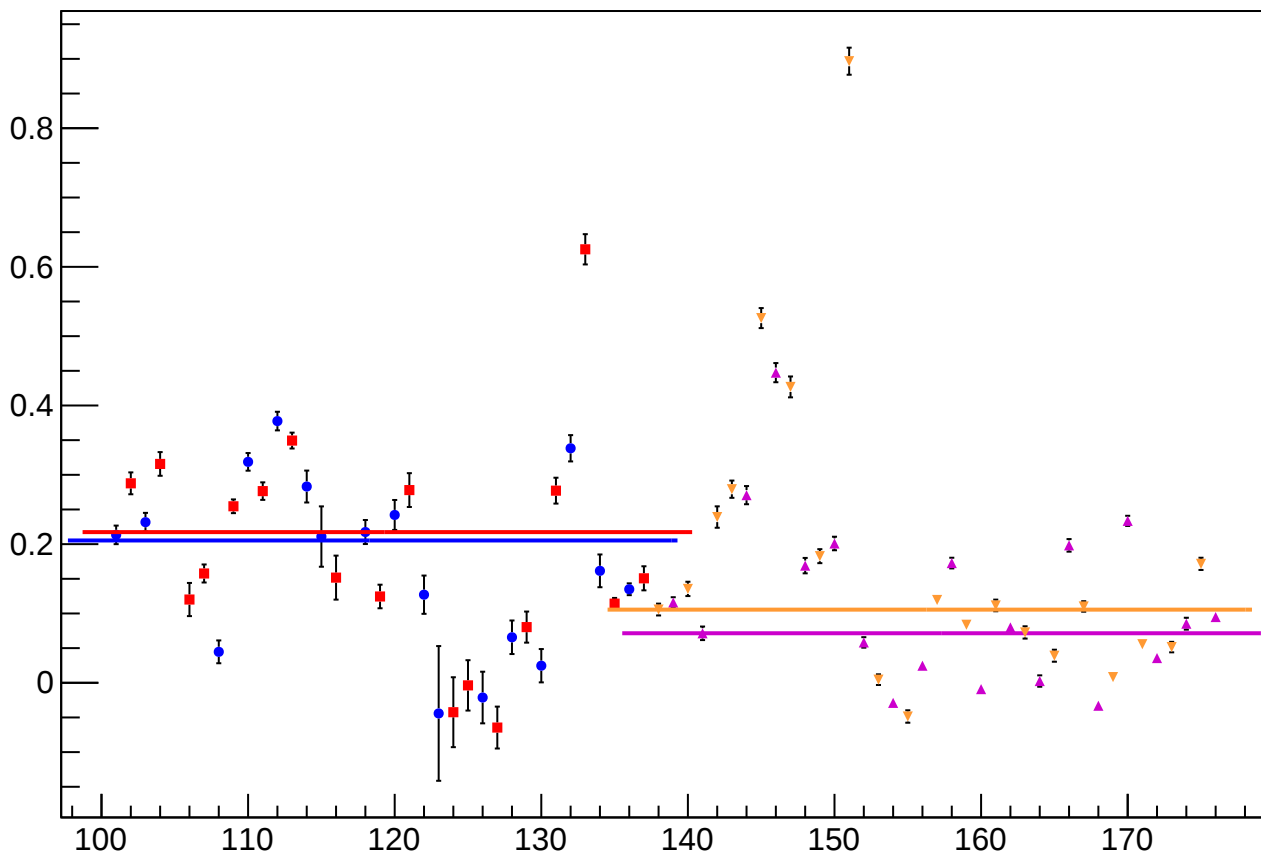
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.045 ± 0.034 χ^2/NDF : 4730.1/35

Out: -2.253 ± 0.036 χ^2/NDF : 6195.9/37

All: -2.142 ± 0.025 χ^2/NDF : 10943.6/73

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: 0.106 $\pm$ 0.002 χ^2 /NDF:4206.3/19

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF:3226.7/18

Left: 0.086 $\pm$ 0.001 χ^2 /NDF: 7607.7/38

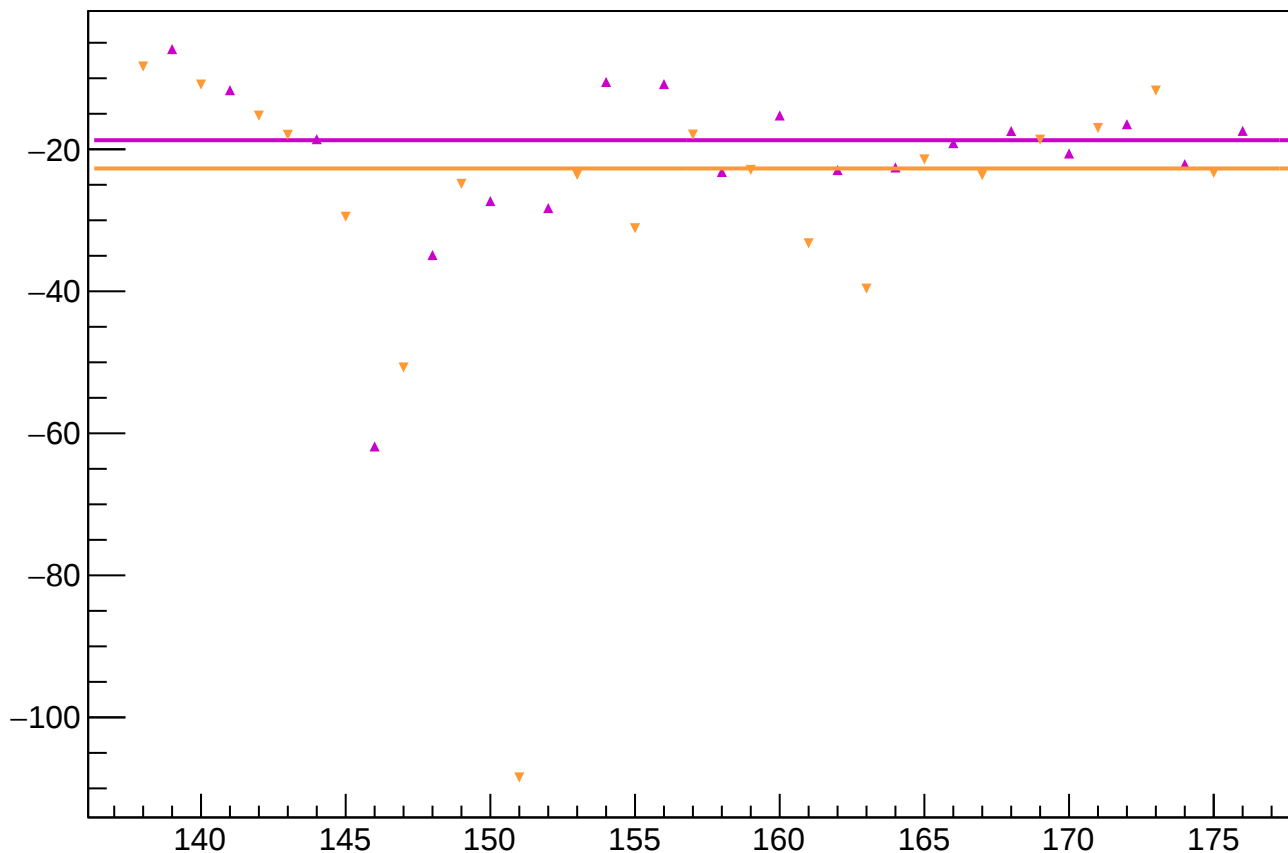
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF:4745.9/35

Out: 0.130 $\pm$ 0.002 χ^2 /NDF:5936.2/37

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10972.6/73

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: -22.701+/-0.051 χ^2/NDF :62279.1/19

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

Left In: -18.725+/-0.045 χ^2/NDF :38374.2/18

Left: -20.481+/-0.034 χ^2/NDF : 104052.6/38

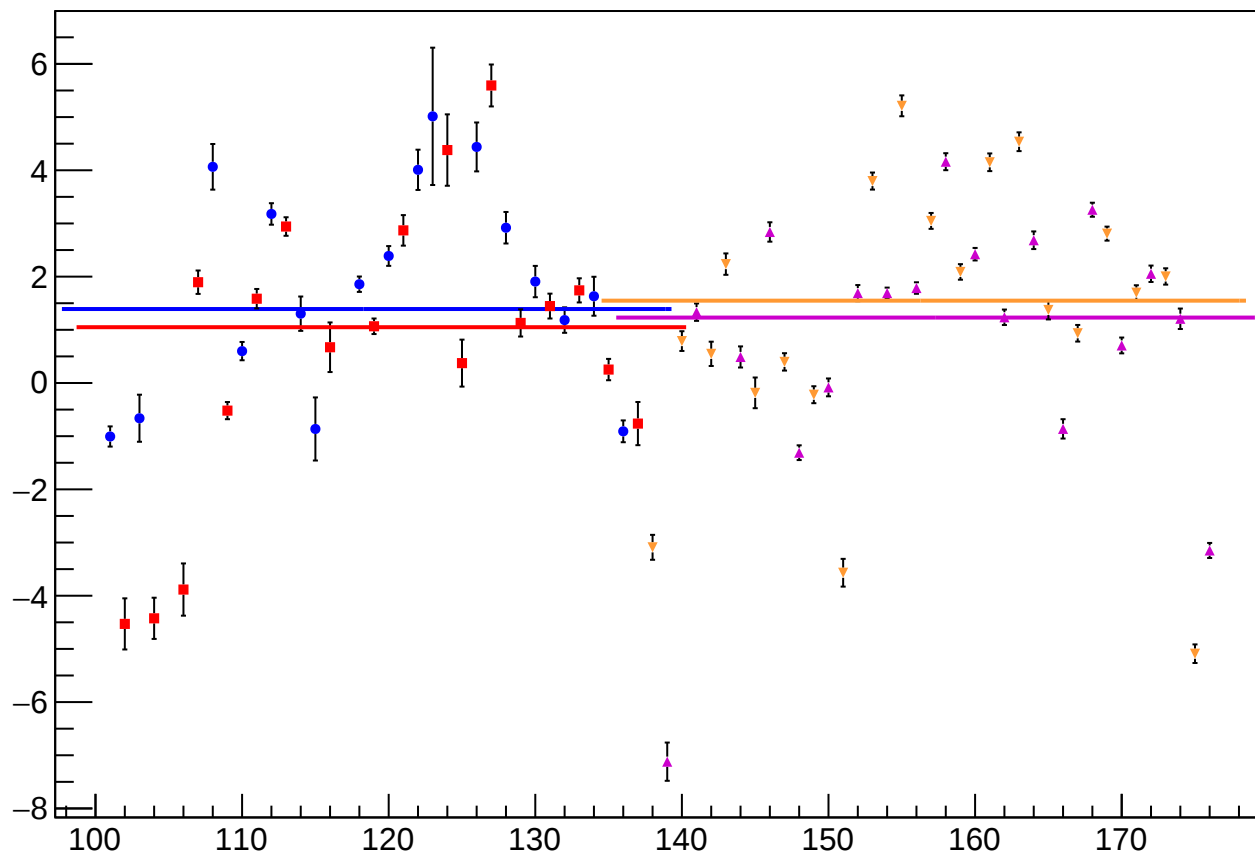
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.725+/-0.045 χ^2/NDF :38374.2/18

Out: -22.701+/-0.051 χ^2/NDF :62279.1/19

All: -20.481+/-0.034 χ^2/NDF : 104052.6/38

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: 1.548 ± 0.038 χ^2/NDF : 3784.3/19

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.230 ± 0.034 χ^2/NDF : 2967.2/18

Left: 1.370 ± 0.026 χ^2/NDF : 6789.7/38

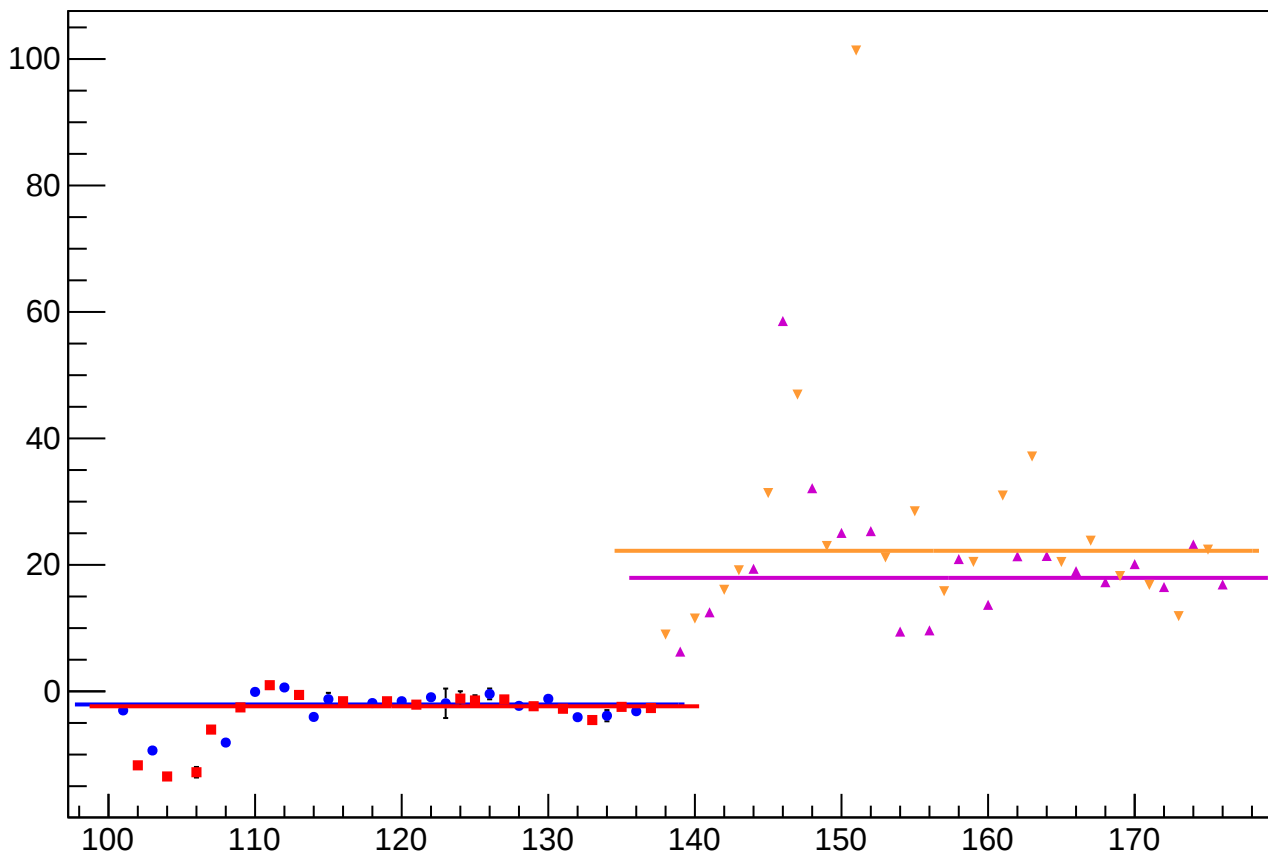
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.269 ± 0.030 χ^2/NDF : 3601.7/35

Out: 1.396 ± 0.032 χ^2/NDF : 4755.6/37

All: 1.327 ± 0.022 χ^2/NDF : 8365.7/73

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: 22.227+/-0.051 χ^2/NDF :55504.3/19

Right Out: -2.366+/-0.099 χ^2/NDF : 893.2/17

Left In: 17.944+/-0.044 χ^2/NDF :36418.7/18

Left: 19.811+/-0.033 χ^2/NDF : 95977.8/38

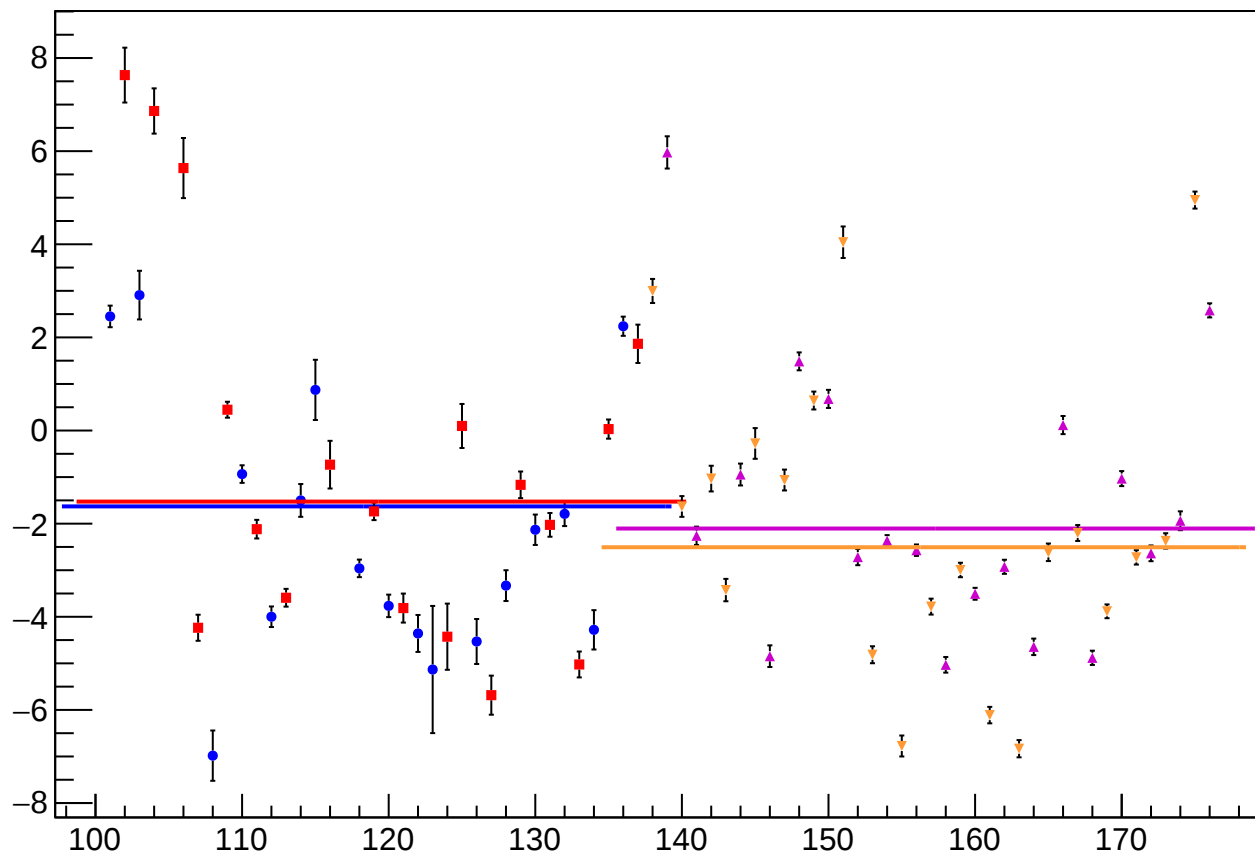
Right: -2.237+/-0.074 χ^2/NDF : 1339.4/34

In: 15.152+/-0.041 χ^2/NDF :65216.2/35

Out: 17.126+/-0.045 χ^2/NDF :105562.3/37

All: 16.052+/-0.030 χ^2/NDF : 171826.3/73

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: -2.506+/-0.043 χ^2/NDF : 4547.5/19

Right Out: -1.526+/-0.065 χ^2/NDF : 1488.2/17

Left In: -2.105+/-0.038 χ^2/NDF : 3421.7/18

Left: -2.282+/-0.029 χ^2/NDF : 8017.3/38

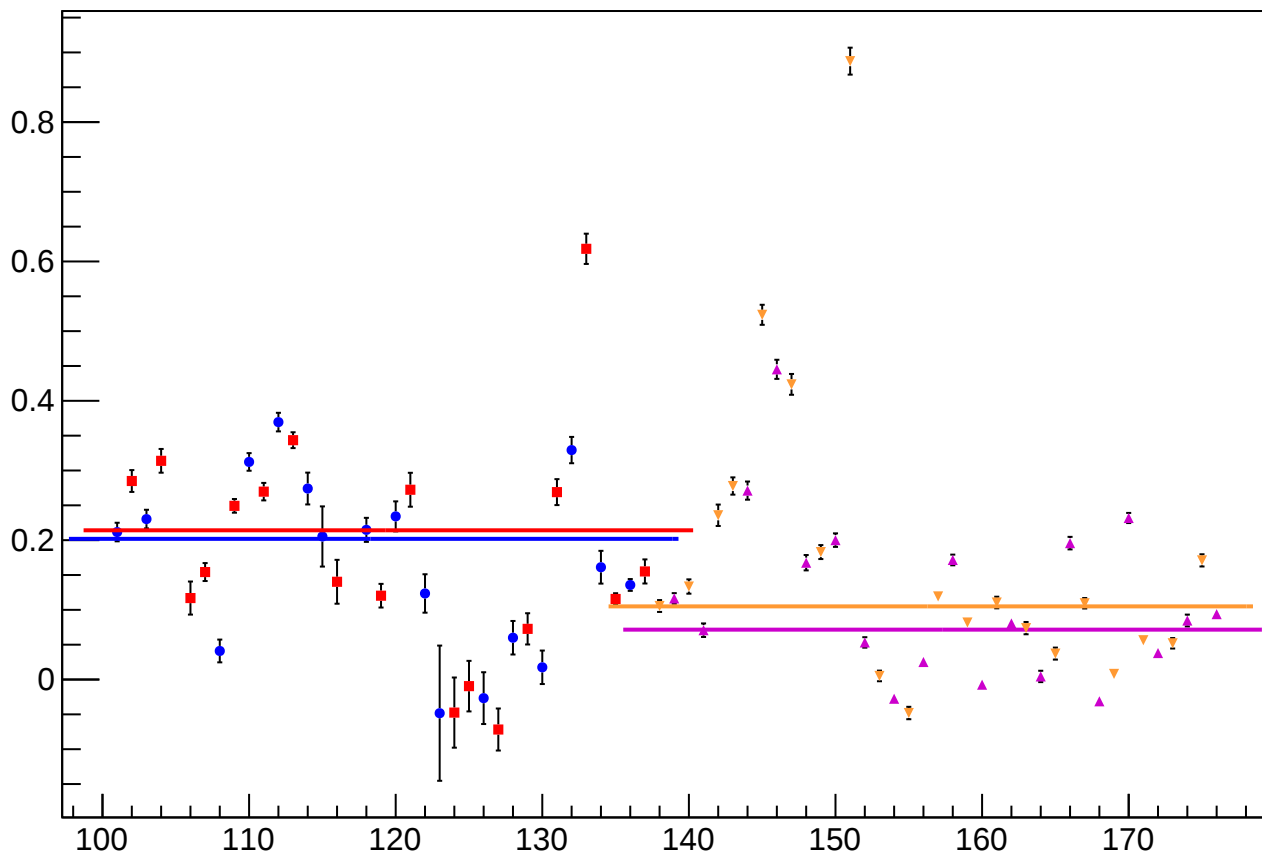
Right: -1.574+/-0.048 χ^2/NDF : 2755.7/34

In: -1.995+/-0.034 χ^2/NDF : 4723.4/35

Out: -2.208+/-0.036 χ^2/NDF : 6191.9/37

All: -2.094+/-0.025 χ^2/NDF : 10933.9/73

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.105 ± 0.002 χ^2/NDF : 4198.2/19

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.072 ± 0.002 χ^2/NDF : 3198.8/18

Left: 0.086 ± 0.001 χ^2/NDF : 7567.2/38

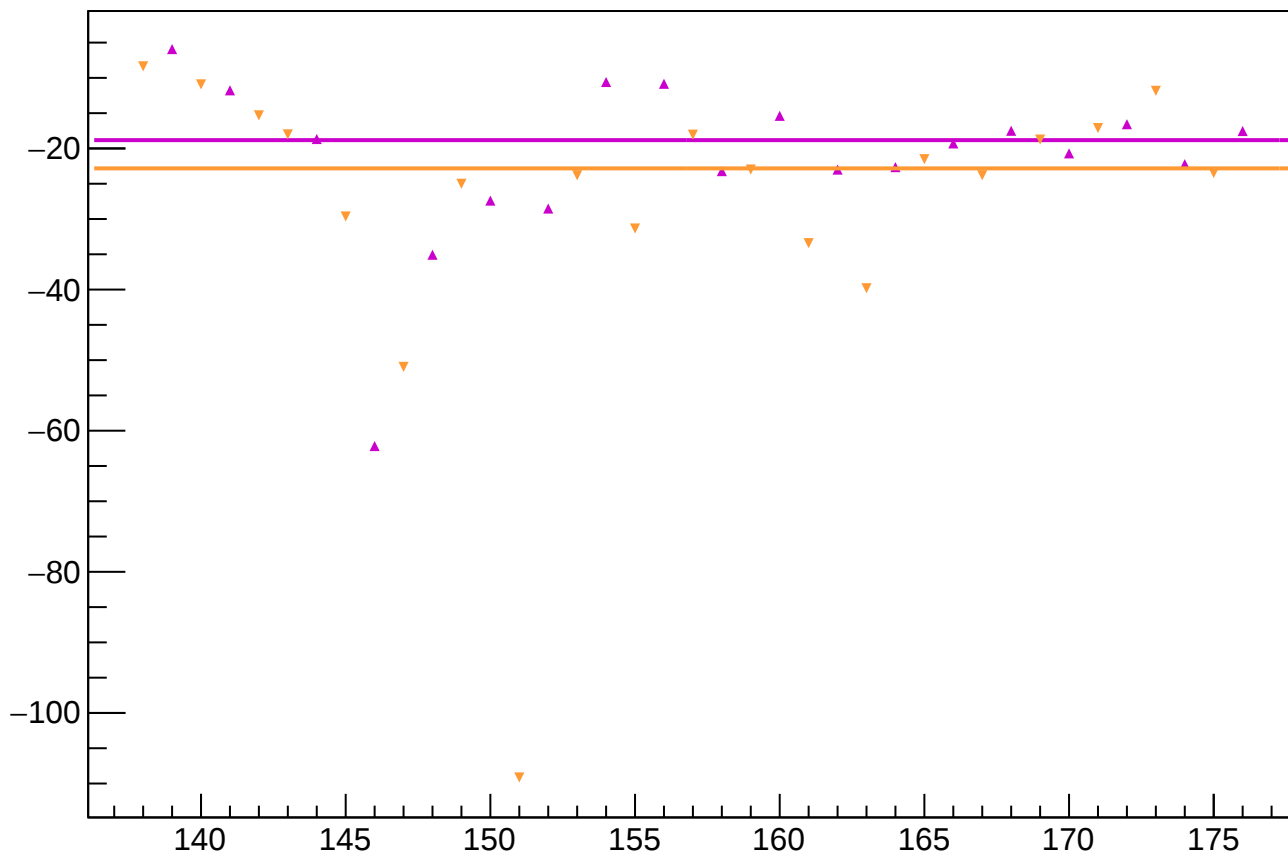
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.090 ± 0.002 χ^2/NDF : 4664.1/35

Out: 0.129 ± 0.002 χ^2/NDF : 5884.4/37

All: 0.107 ± 0.001 χ^2/NDF : 10831.5/73

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: -22.826+/-0.051 χ^2/NDF :62394.2/19

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

Left In: -18.823+/-0.046 χ^2/NDF :38432.5/18

Left: -20.590+/-0.034 χ^2/NDF : 104243.7/38

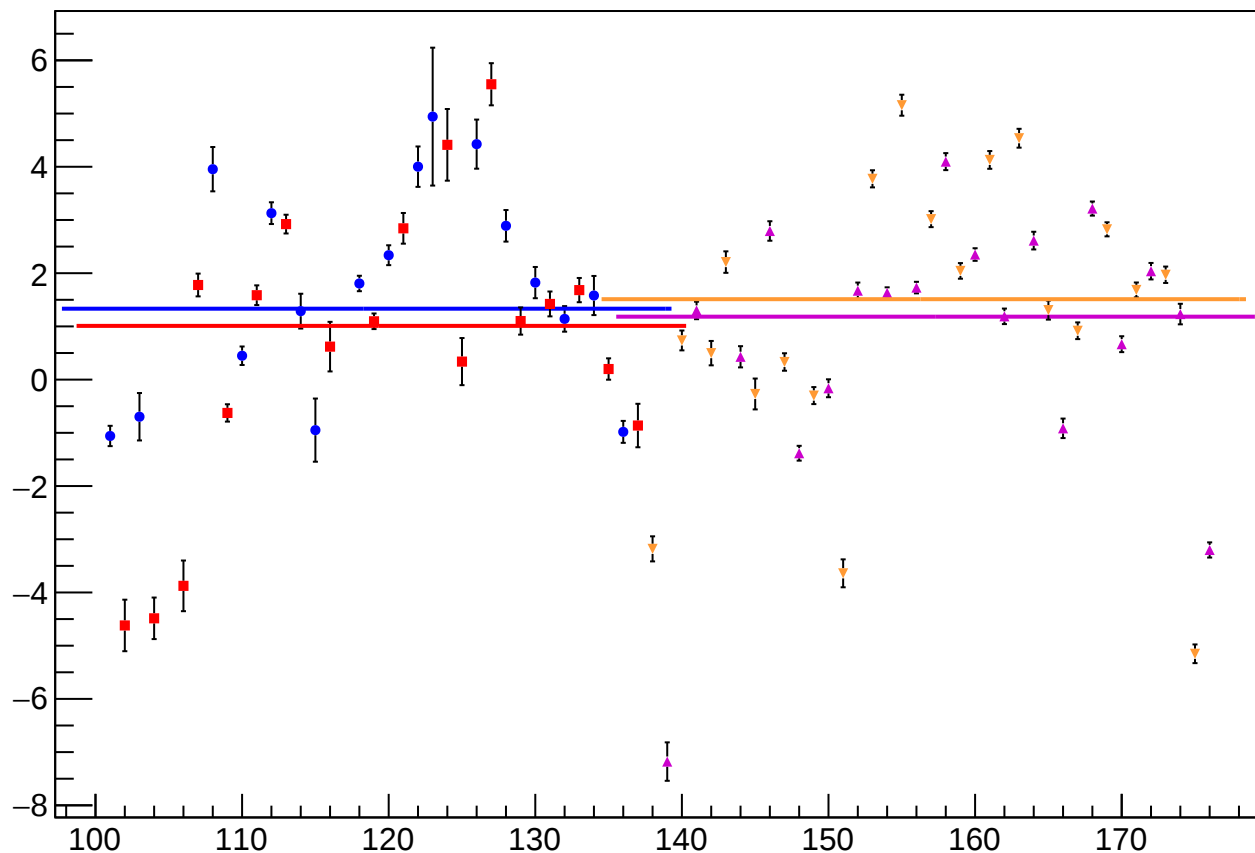
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.823+/-0.046 χ^2/NDF :38432.5/18

Out: -22.826+/-0.051 χ^2/NDF :62394.2/19

All: -20.590+/-0.034 χ^2/NDF : 104243.7/38

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: 1.511 ± 0.039 χ^2/NDF : 3803.8/19

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.183 ± 0.034 χ^2/NDF : 2945.8/18

Left: 1.328 ± 0.026 χ^2/NDF : 6790.1/38

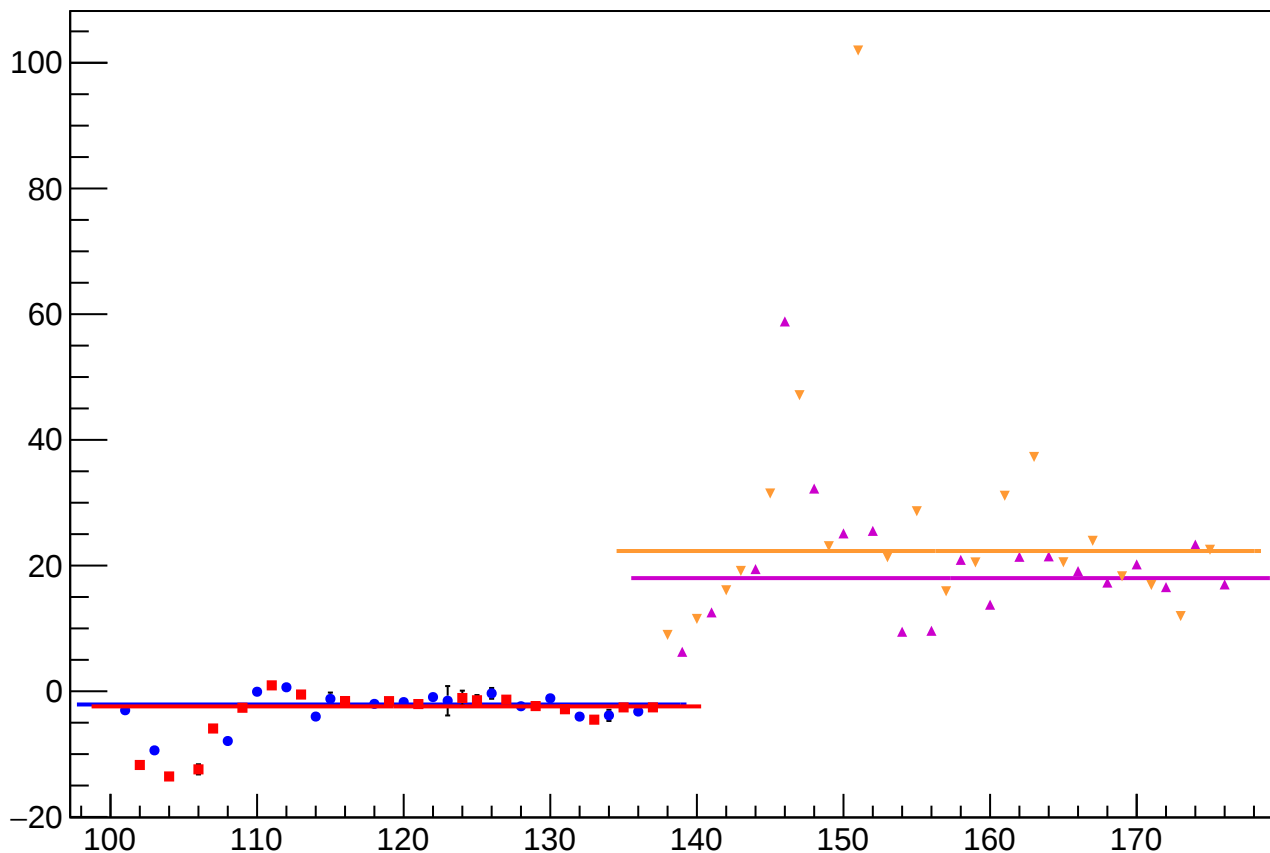
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.219 ± 0.030 χ^2/NDF : 3584.9/35

Out: 1.358 ± 0.032 χ^2/NDF : 4785.9/37

All: 1.283 ± 0.022 χ^2/NDF : 8380.8/73

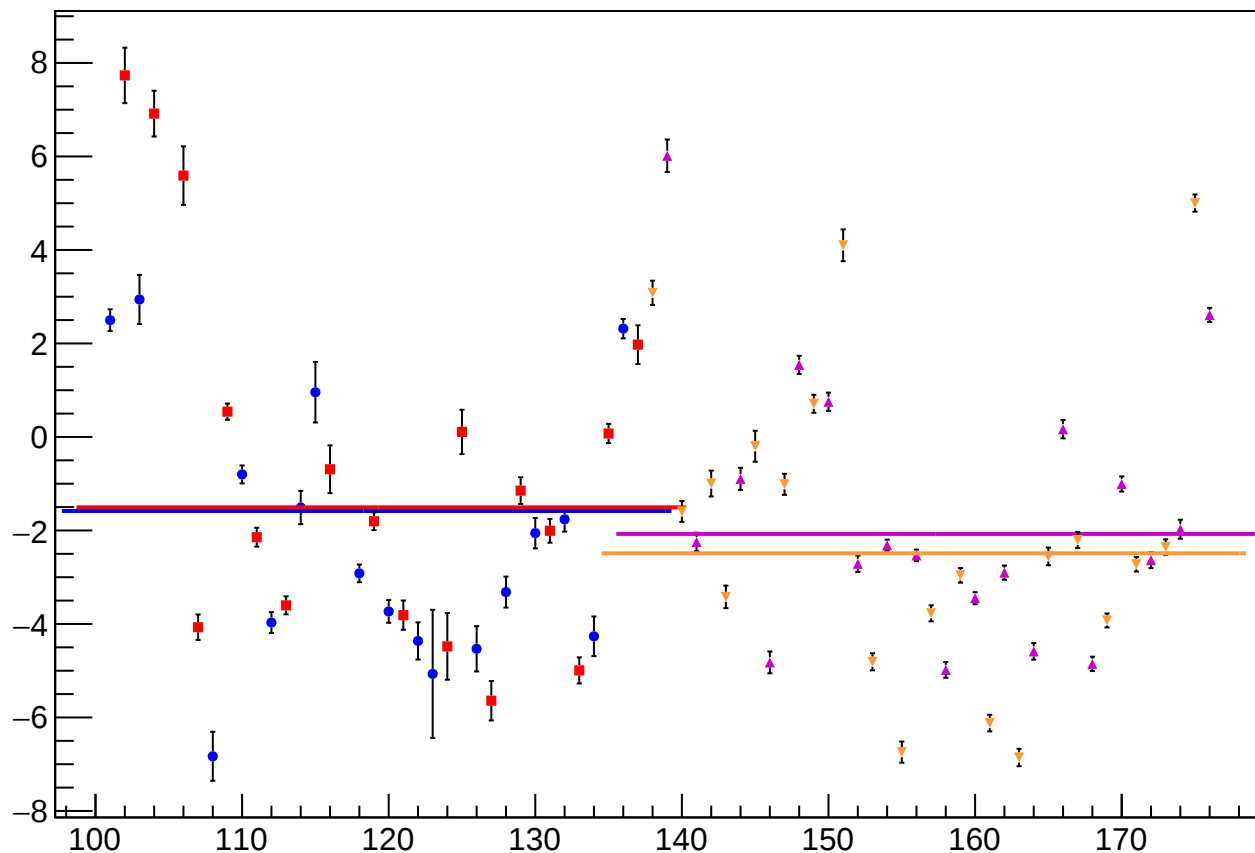
reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$
 Left Out: 22.317 ± 0.051 $\chi^2/\text{NDF}: 55602.6/19$
 Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$
 Left In: 18.003 ± 0.045 $\chi^2/\text{NDF}: 36492.5/18$

Left: 19.883 ± 0.033 $\chi^2/\text{NDF}: 96174.8/38$
 Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$
 In: 15.205 ± 0.041 $\chi^2/\text{NDF}: 65244.1/35$
 Out: 17.194 ± 0.045 $\chi^2/\text{NDF}: 105716.8/37$
 All: 16.112 ± 0.031 $\chi^2/\text{NDF}: 172015.0/73$

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: -2.488 ± 0.043 χ^2/NDF : 4576.0/19

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.074 ± 0.039 χ^2/NDF : 3395.4/18

Left: -2.257 ± 0.029 χ^2/NDF : 8022.2/38

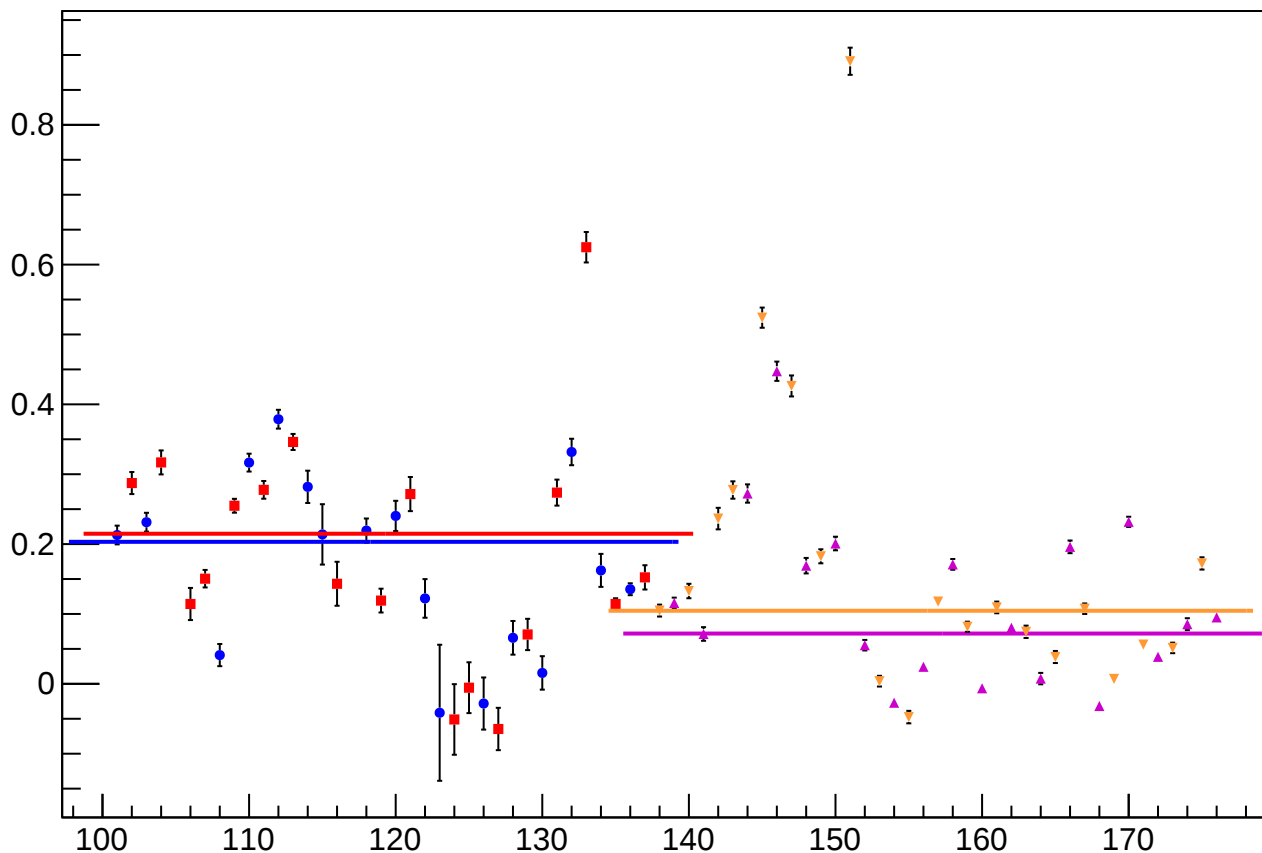
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.961 ± 0.034 χ^2/NDF : 4704.7/35

Out: -2.189 ± 0.036 χ^2/NDF : 6231.7/37

All: -2.067 ± 0.025 χ^2/NDF : 10957.5/73

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: 0.105 $\pm$ 0.002 χ^2 /NDF: 4188.8/19

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.072 $\pm$ 0.002 χ^2 /NDF: 3178.2/18

Left: 0.086 $\pm$ 0.001 χ^2 /NDF: 7528.1/38

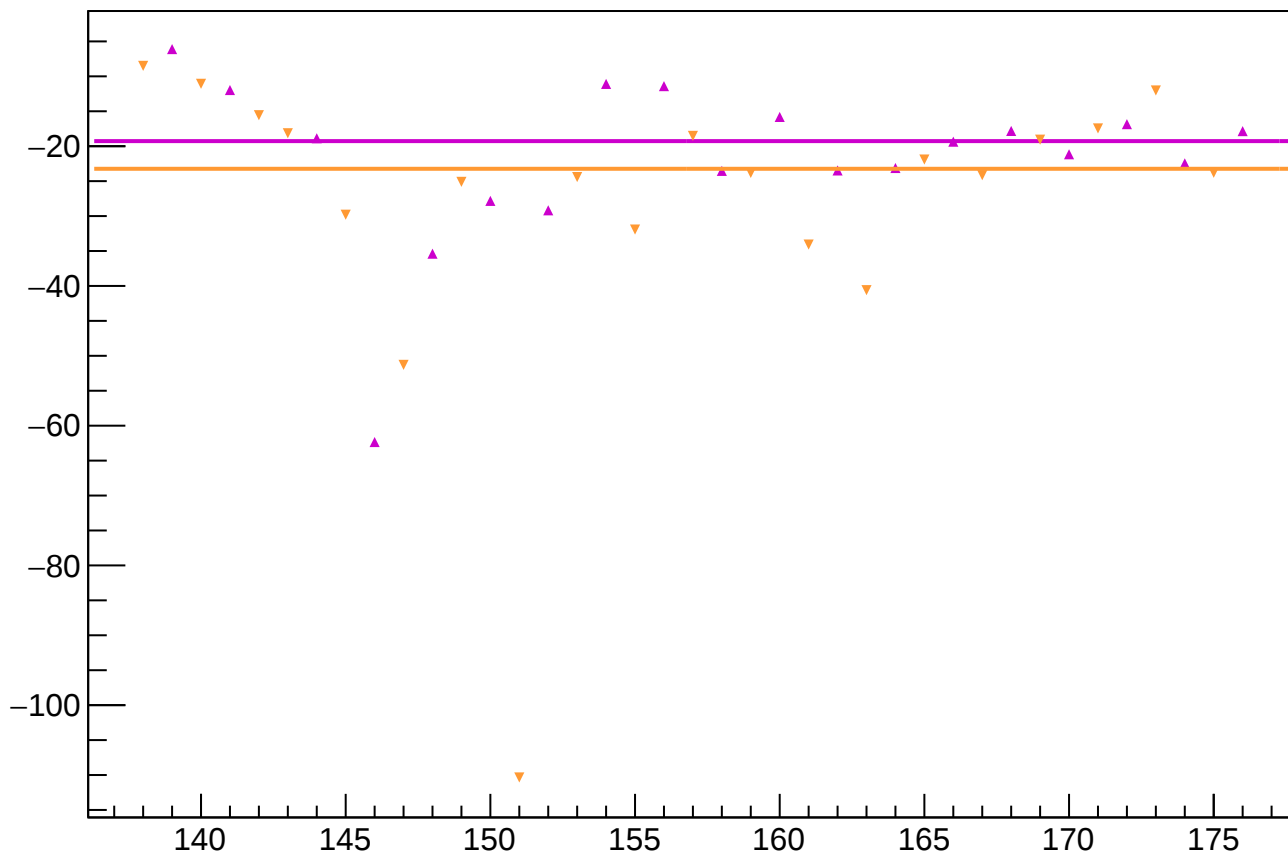
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4678.3/35

Out: 0.129 $\pm$ 0.002 χ^2 /NDF: 5916.0/37

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10866.6/73

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: -23.231+/-0.052 χ^2/NDF :62244.6/19

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

Left In: -19.271+/-0.047 χ^2/NDF :37308.2/18

Left: -21.028+/-0.035 χ^2/NDF : 102758.0/38

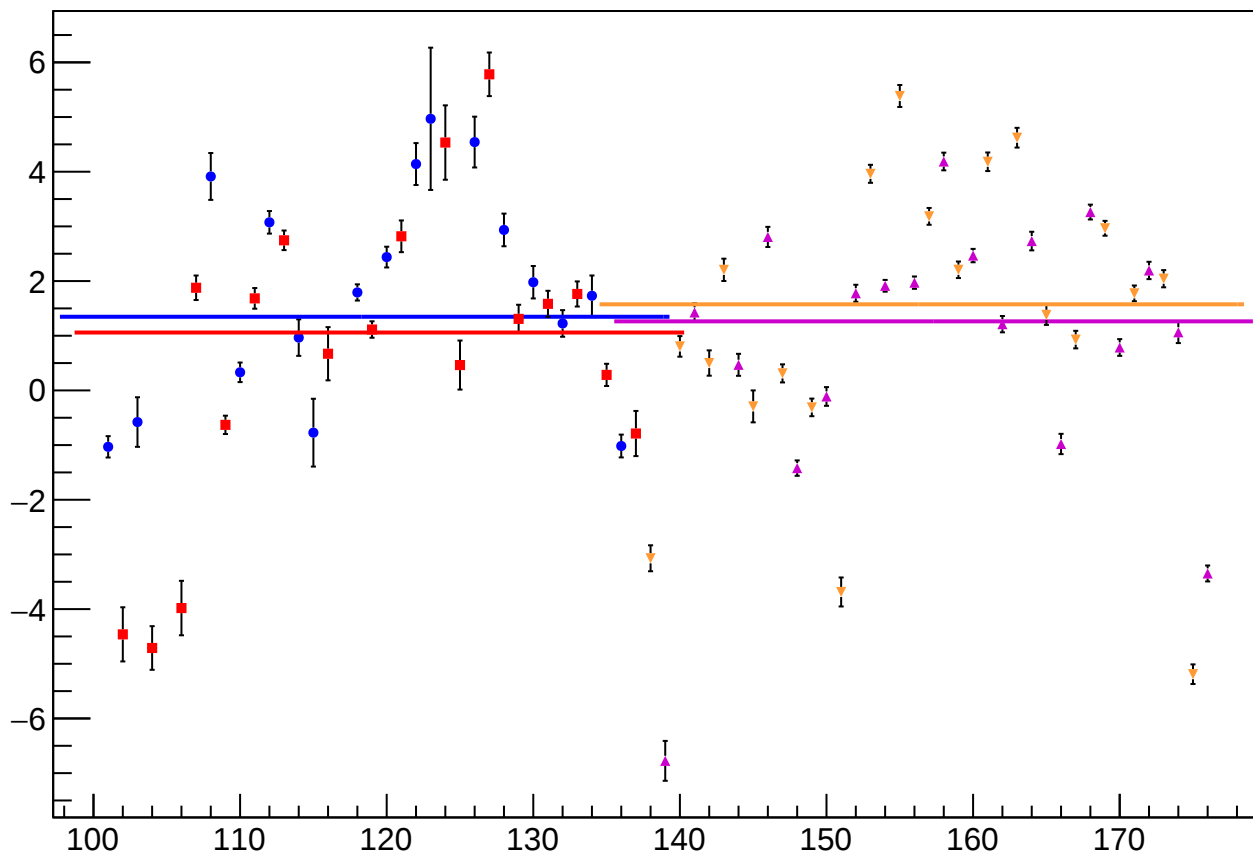
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.271+/-0.047 χ^2/NDF :37308.2/18

Out: -23.231+/-0.052 χ^2/NDF :62244.6/19

All: -21.028+/-0.035 χ^2/NDF : 102758.0/38

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.575 $\pm$ 0.039 χ^2 /NDF:3834.2/19

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.263 $\pm$ 0.035 χ^2 /NDF:2991.6/18

Left: 1.401 $\pm$ 0.026 χ^2 /NDF: 6860.7/38

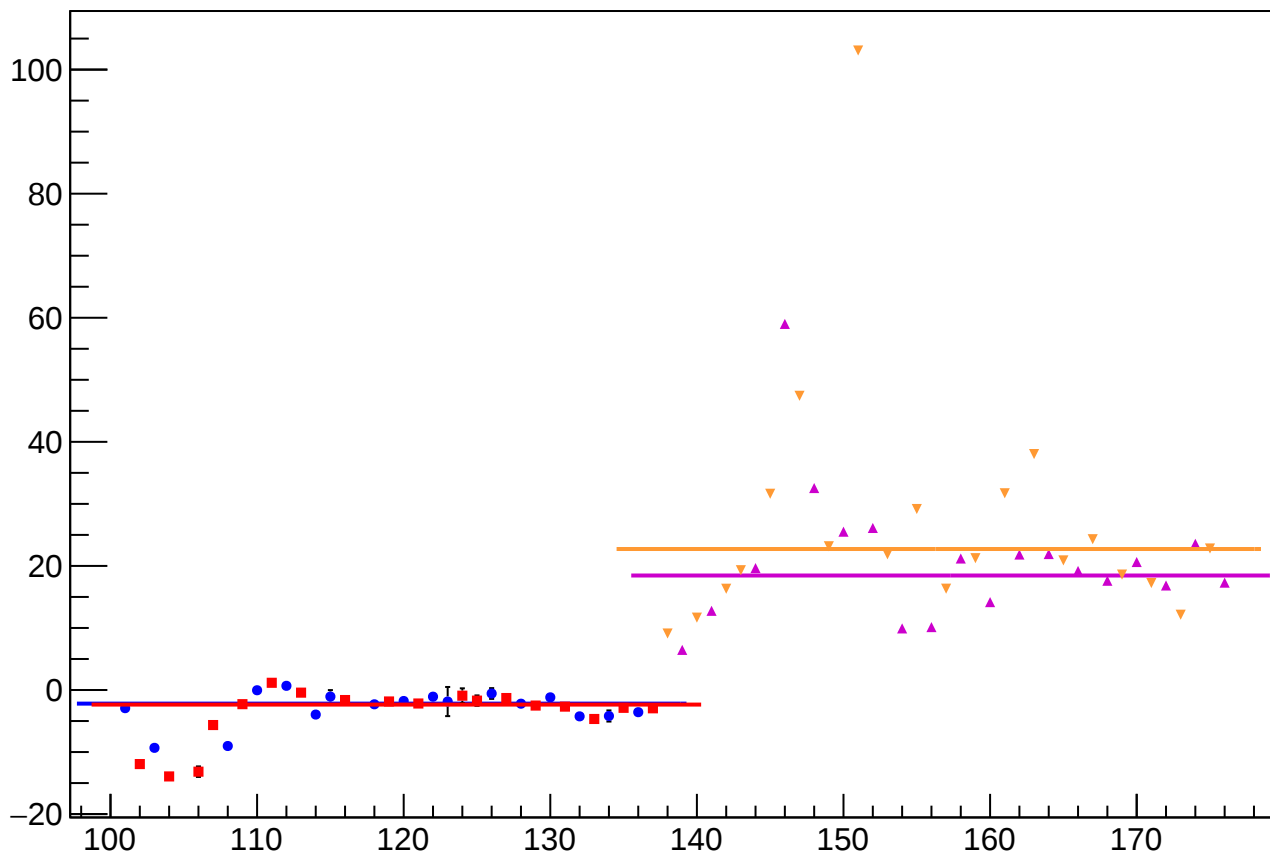
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.283 $\pm$ 0.031 χ^2 /NDF:3623.1/35

Out: 1.417 $\pm$ 0.033 χ^2 /NDF:4792.0/37

All: 1.345 $\pm$ 0.022 χ^2 /NDF: 8424.0/73

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: 22.727+/-0.052 χ^2/NDF :55346.2/19

Right Out: -2.350+/-0.101 χ^2/NDF : 908.5/17

Left In: 18.455+/-0.046 χ^2/NDF :35209.4/18

Left: 20.326+/-0.034 χ^2/NDF : 94386.9/38

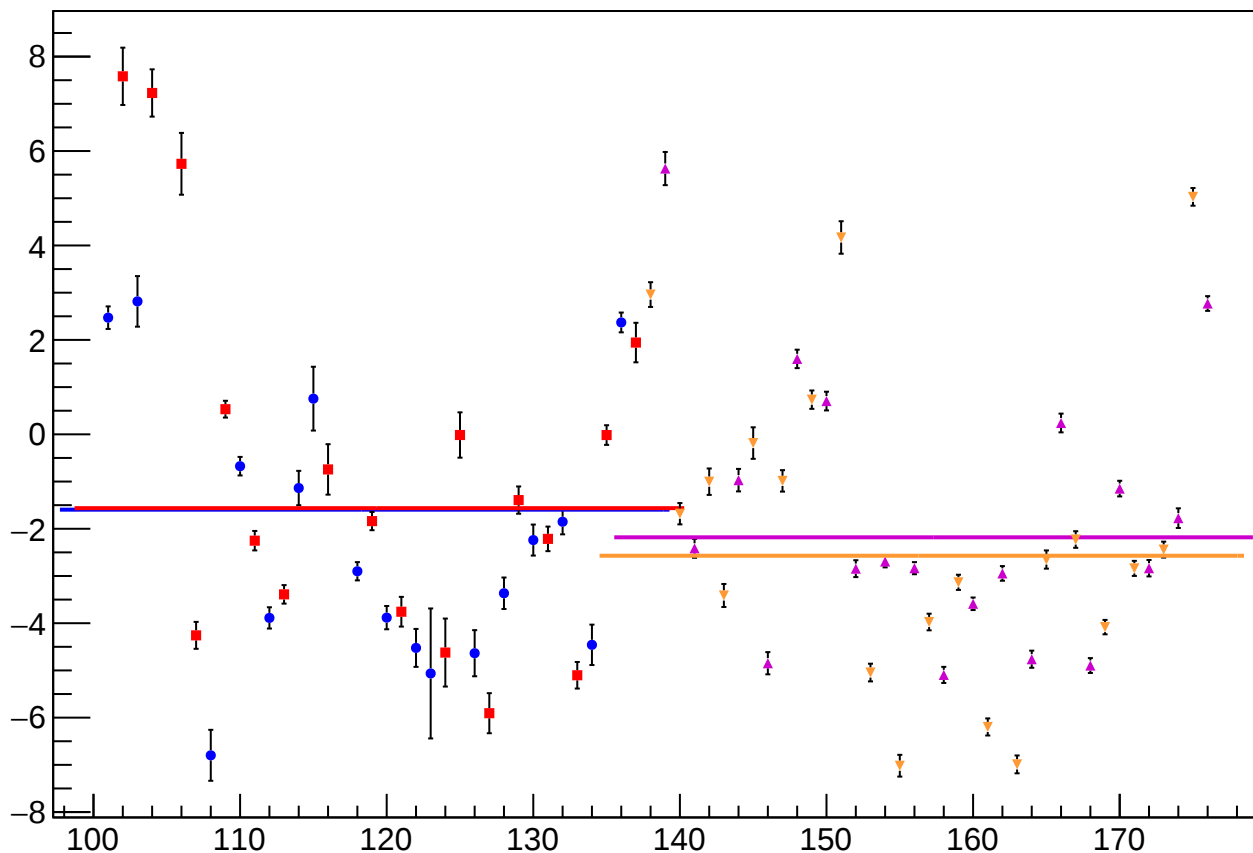
Right: -2.280+/-0.075 χ^2/NDF : 1373.0/34

In: 15.550+/-0.042 χ^2/NDF :64443.4/35

Out: 17.542+/-0.046 χ^2/NDF :104827.3/37

All: 16.462+/-0.031 χ^2/NDF : 170283.9/73

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



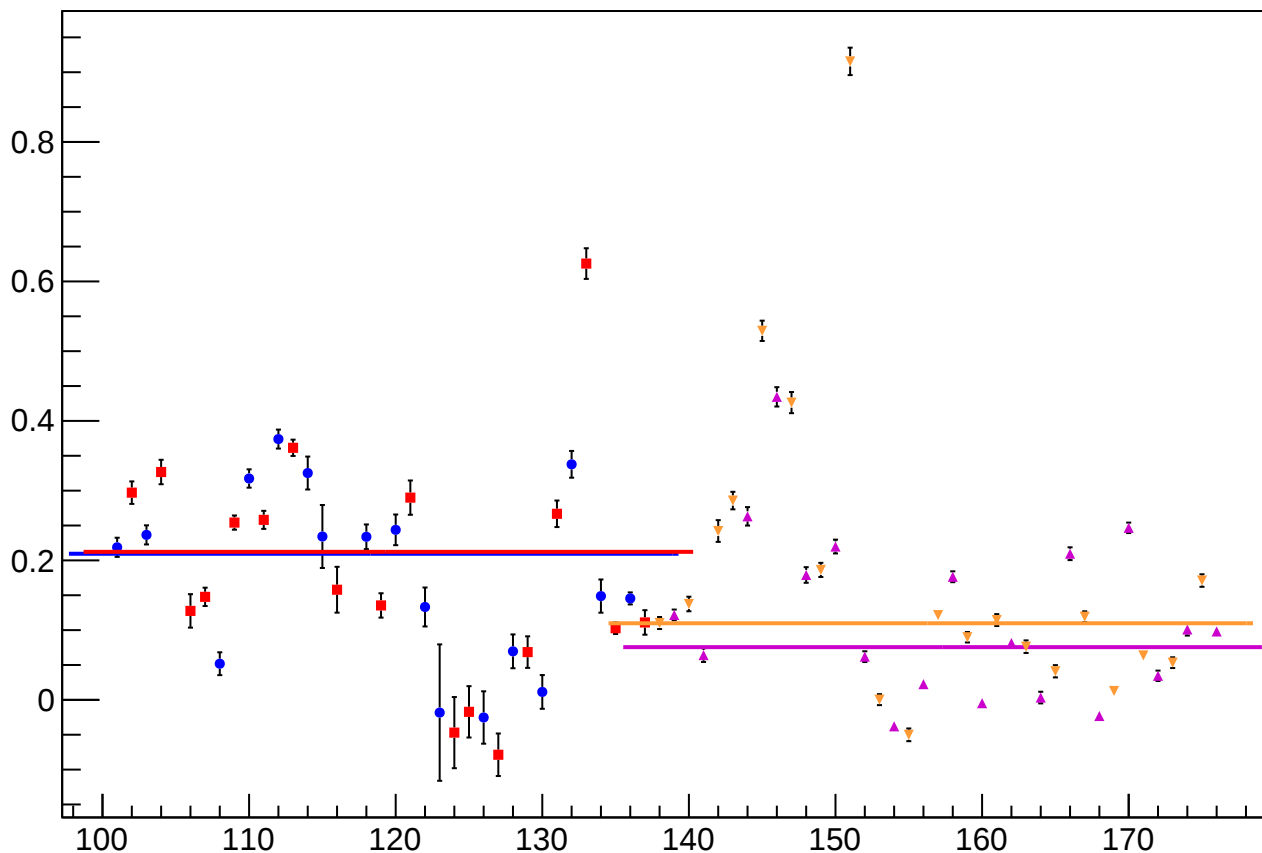
Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16
 Left Out: -2.571 ± 0.044 χ^2/NDF : 4598.6/19
 Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17
 Left In: -2.181 ± 0.040 χ^2/NDF : 3431.5/18

Left: -2.354 ± 0.030 χ^2/NDF : 8073.3/38
 Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.044 ± 0.035 χ^2/NDF : 4738.1/35
 Out: -2.264 ± 0.037 χ^2/NDF : 6217.9/37

All: -2.147 ± 0.025 χ^2/NDF : 10974.8/73

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.110 ± 0.002 $\chi^2/\text{NDF}: 4208.7/19$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.076 ± 0.002 $\chi^2/\text{NDF}: 3273.4/18$

Left: 0.090 ± 0.001 $\chi^2/\text{NDF}: 7651.8/38$

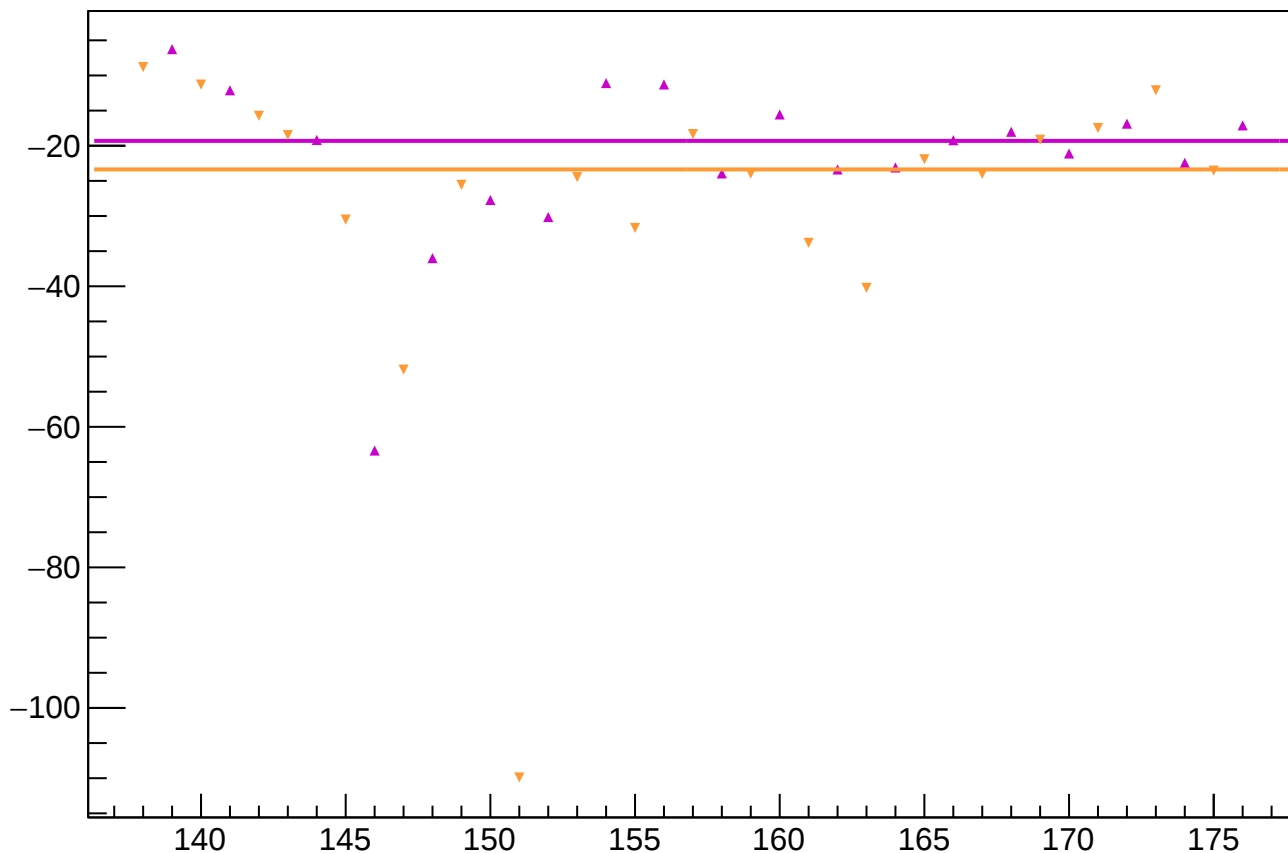
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.095 ± 0.002 $\chi^2/\text{NDF}: 4740.8/35$

Out: 0.132 ± 0.002 $\chi^2/\text{NDF}: 5881.1/37$

All: 0.111 ± 0.001 $\chi^2/\text{NDF}: 10872.6/73$

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: -23.372+/-0.053 χ^2/NDF : 61009.4/19

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

Left In: -19.309+/-0.047 χ^2/NDF : 37671.7/18

Left: -21.110+/-0.035 χ^2/NDF : 101994.0/38

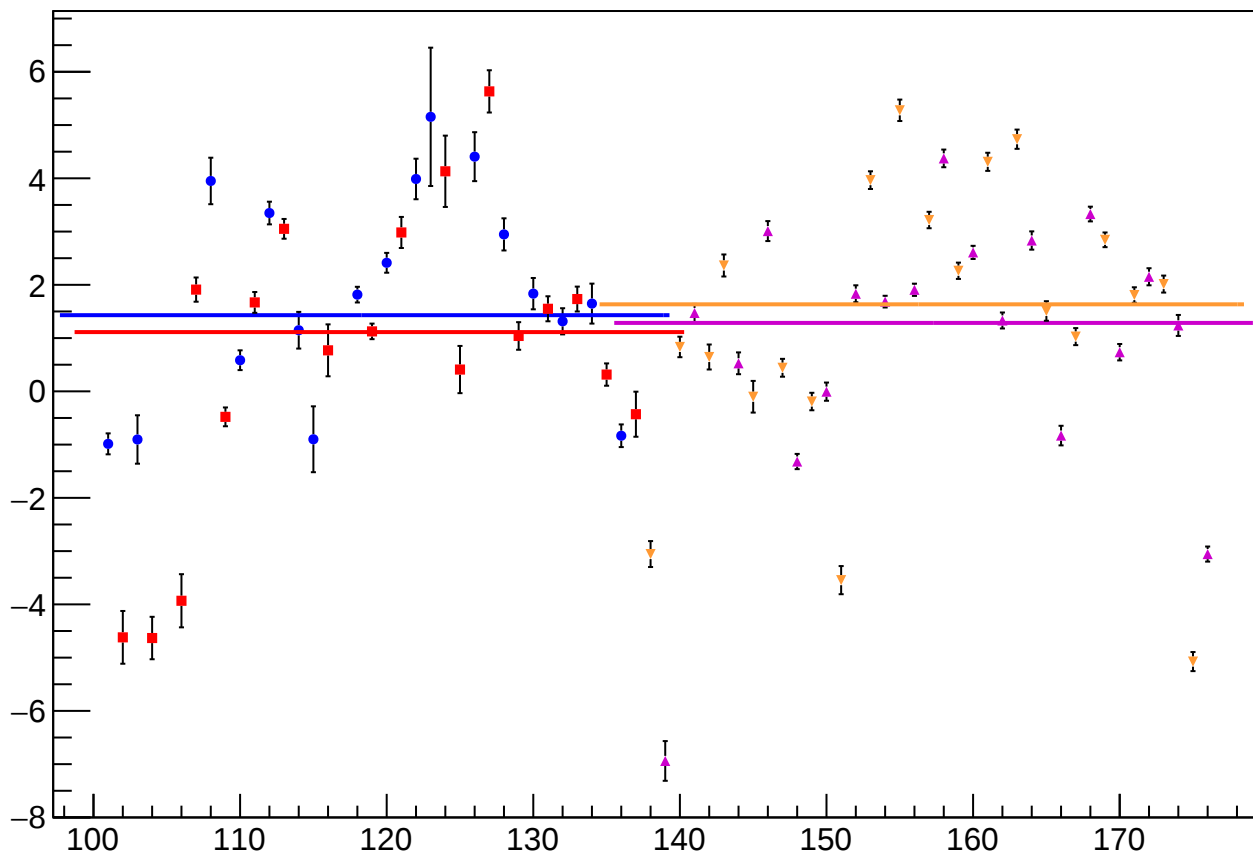
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.309+/-0.047 χ^2/NDF : 37671.7/18

Out: -23.372+/-0.053 χ^2/NDF : 61009.4/19

All: -21.110+/-0.035 χ^2/NDF : 101994.0/38

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: 1.634 $\pm$ 0.040 χ^2 /NDF: 3700.6/19

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.285 $\pm$ 0.035 χ^2 /NDF: 2904.0/18

Left: 1.440 $\pm$ 0.026 χ^2 /NDF: 6647.5/38

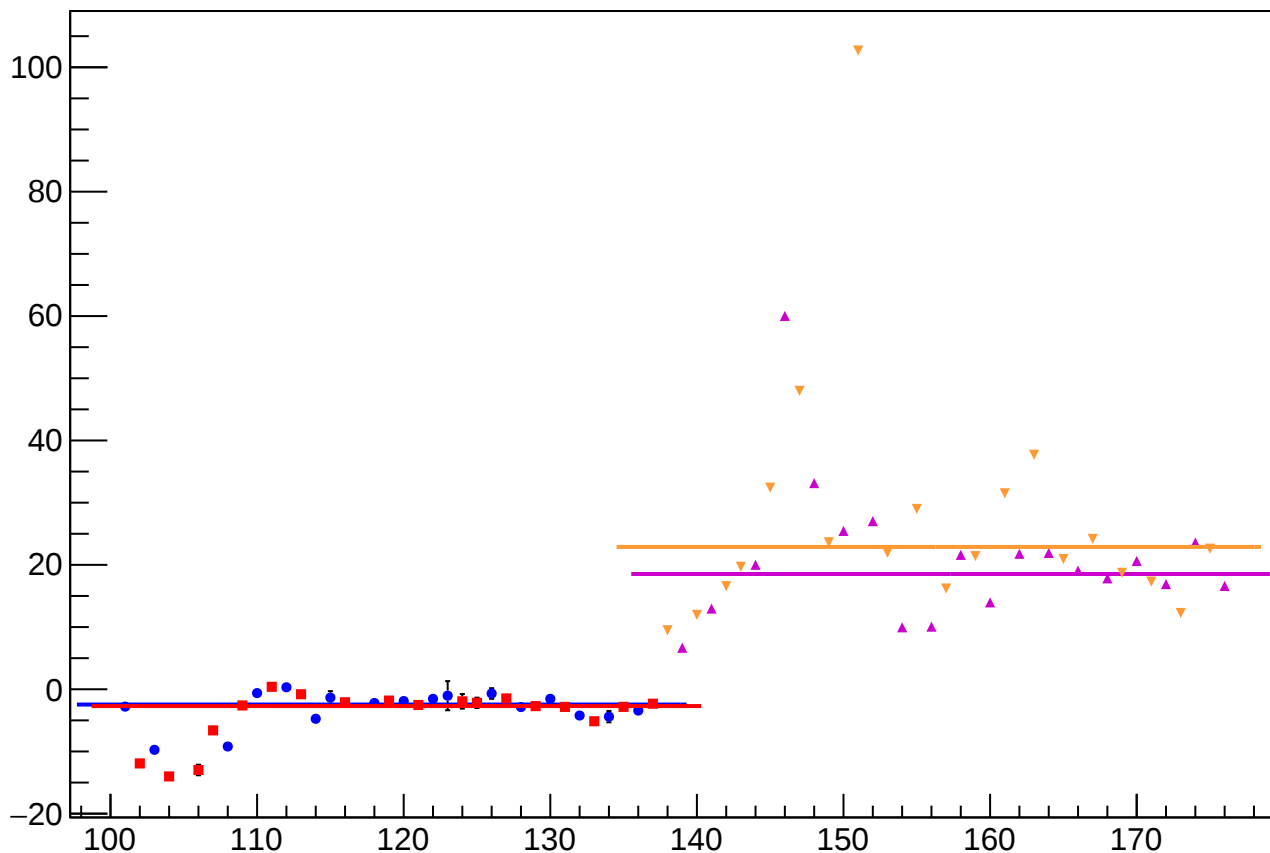
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.320 $\pm$ 0.031 χ^2 /NDF: 3506.1/35

Out: 1.475 $\pm$ 0.033 χ^2 /NDF: 4640.7/37

All: 1.392 $\pm$ 0.023 χ^2 /NDF: 8158.5/73

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 22.883 ± 0.052 χ^2/NDF : 54361.6/19

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.532 ± 0.046 χ^2/NDF : 35571.3/18

Left: 20.437 ± 0.035 χ^2/NDF : 93838.2/38

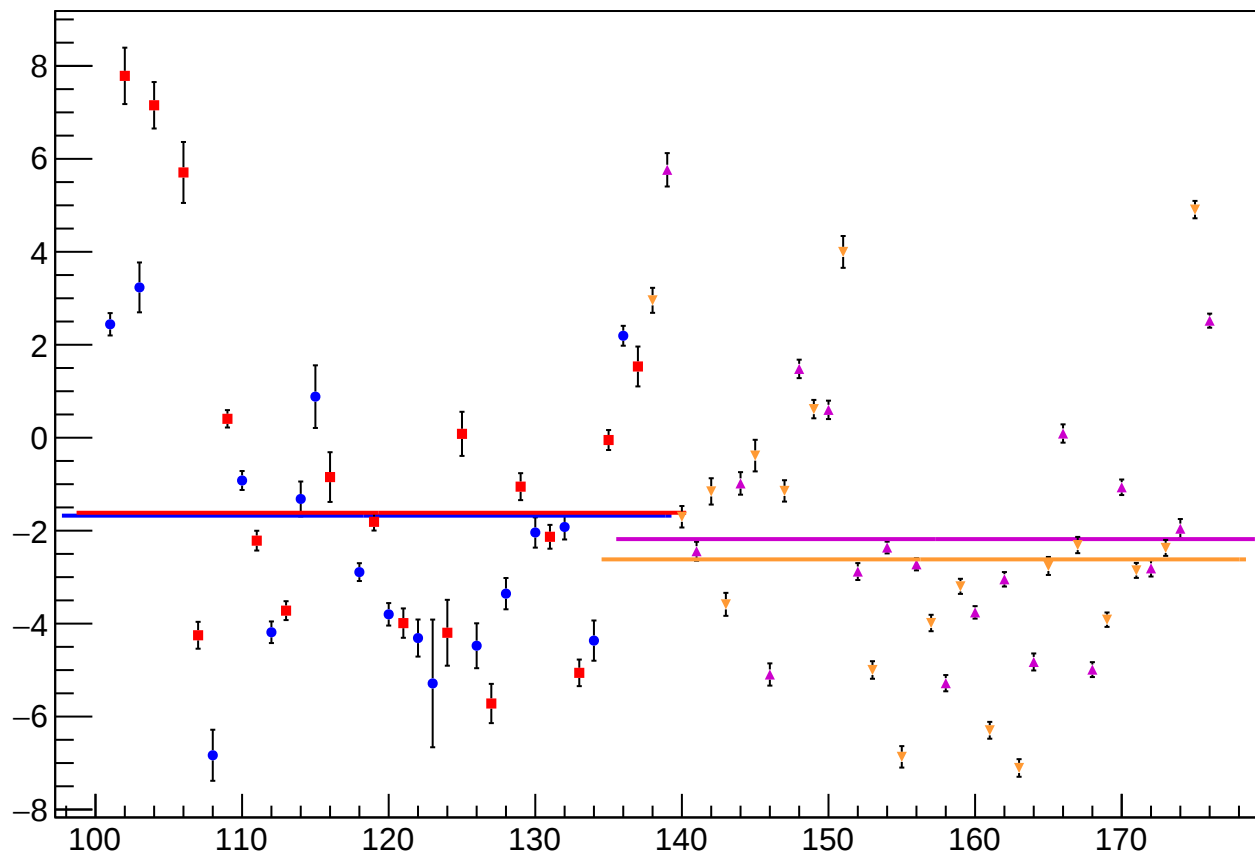
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.610 ± 0.043 χ^2/NDF : 64882.7/35

Out: 17.701 ± 0.047 χ^2/NDF : 103851.6/37

All: 16.565 ± 0.032 χ^2/NDF : 169826.6/73

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



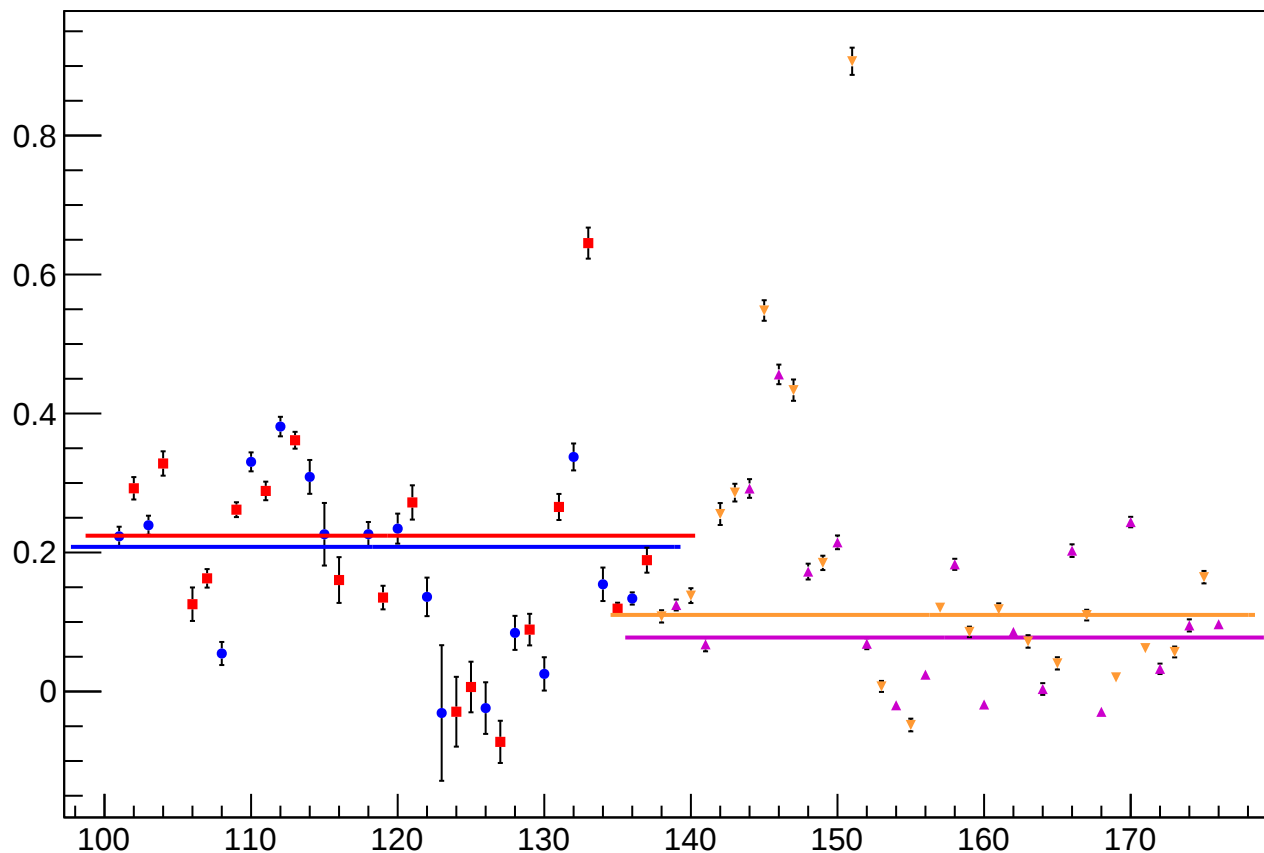
Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$
 Left Out: -2.618 ± 0.045 $\chi^2/\text{NDF}: 4448.7/19$
 Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$
 Left In: -2.182 ± 0.040 $\chi^2/\text{NDF}: 3387.6/18$

Left: -2.375 ± 0.030 $\chi^2/\text{NDF}: 7889.3/38$
 Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -2.064 ± 0.035 $\chi^2/\text{NDF}: 4629.6/35$
 Out: -2.315 ± 0.037 $\chi^2/\text{NDF}: 6028.0/37$

All: -2.181 ± 0.026 $\chi^2/\text{NDF}: 10681.6/73$

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: 0.110 $\pm$ 0.002 χ^2 /NDF: 4169.2/19

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.078 $\pm$ 0.002 χ^2 /NDF: 3241.1/18

Left: 0.091 $\pm$ 0.001 χ^2 /NDF: 7560.7/38

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.096 $\pm$ 0.002 χ^2 /NDF: 4645.5/35

Out: 0.135 $\pm$ 0.002 χ^2 /NDF: 5852.6/37

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10756.6/73