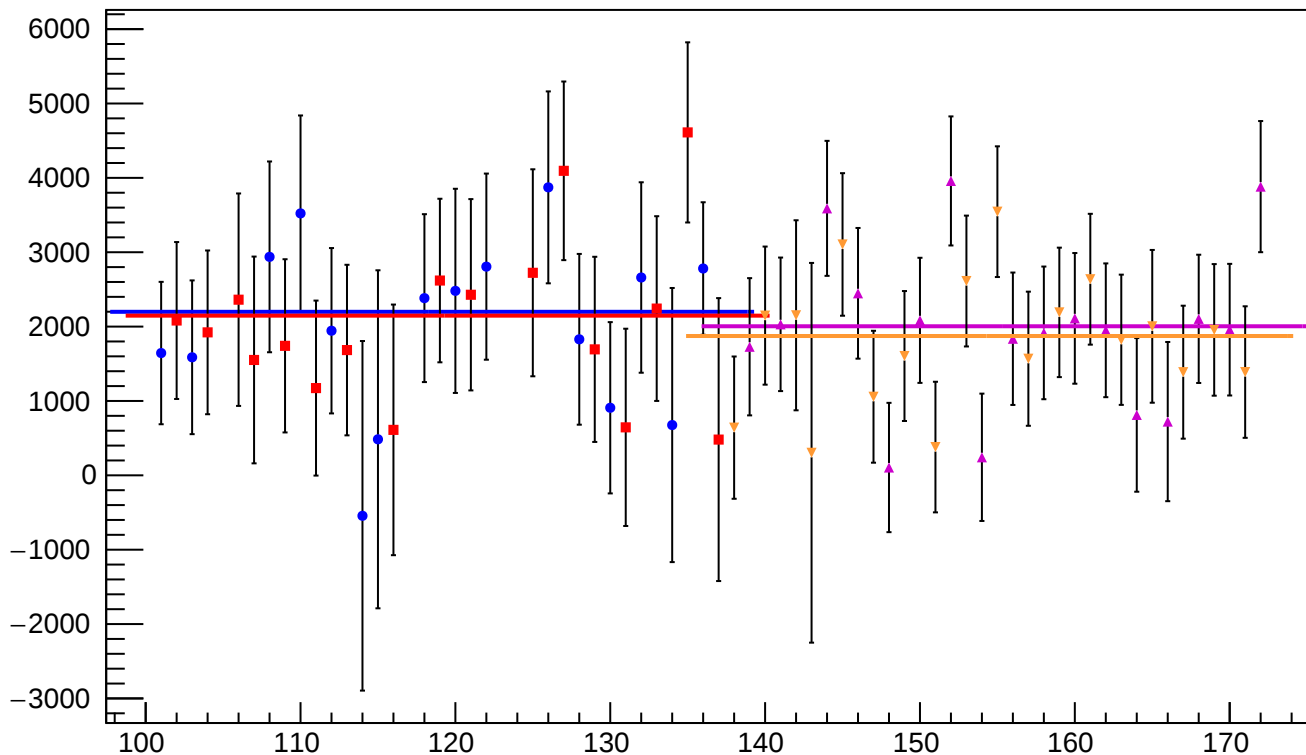


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1873.377+/-221.006

Right Out: 2147.149+/-304.804

Left In: 2004.519+/-217.591

χ^2/NDF : 8.6/15

χ^2/NDF : 13.6/17

χ^2/NDF : 11.4/16

χ^2/NDF : 24.9/16

Left: 1939.969+/-155.053

Right: 2172.848+/-216.219

In: 2069.575+/-177.478

Out: 1967.713+/-178.922

All: 2019.056+/-126.003

χ^2/NDF : 38.7/34

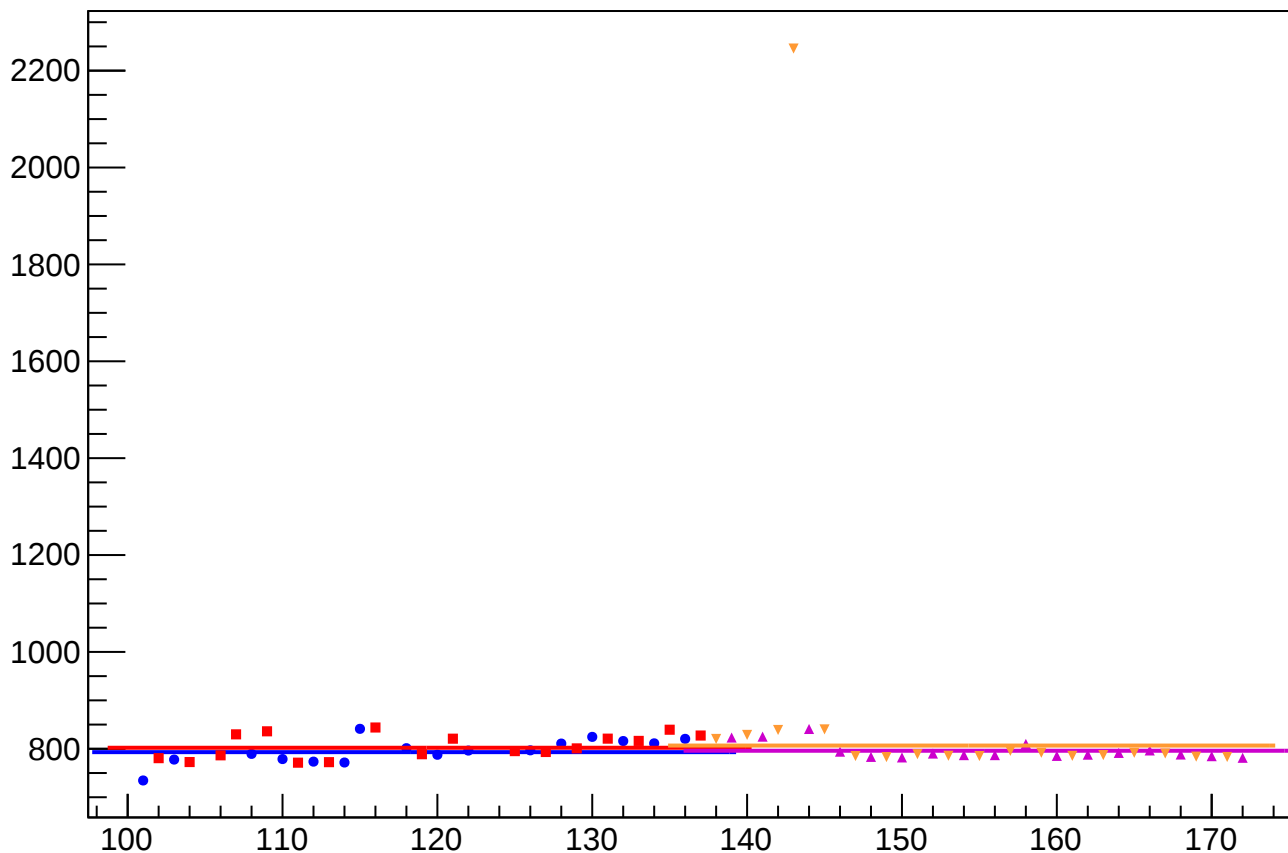
χ^2/NDF : 20.0/32

χ^2/NDF : 33.7/32

χ^2/NDF : 25.5/34

χ^2/NDF : 59.4/67

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 806.689 $\pm$ 0.156 χ^2 /NDF: 653304.7/17

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

Left In: 795.975 $\pm$ 0.154 χ^2 /NDF: 12263.6/16

Left: 801.249 $\pm$ 0.110 χ^2 /NDF: 667955.1/34

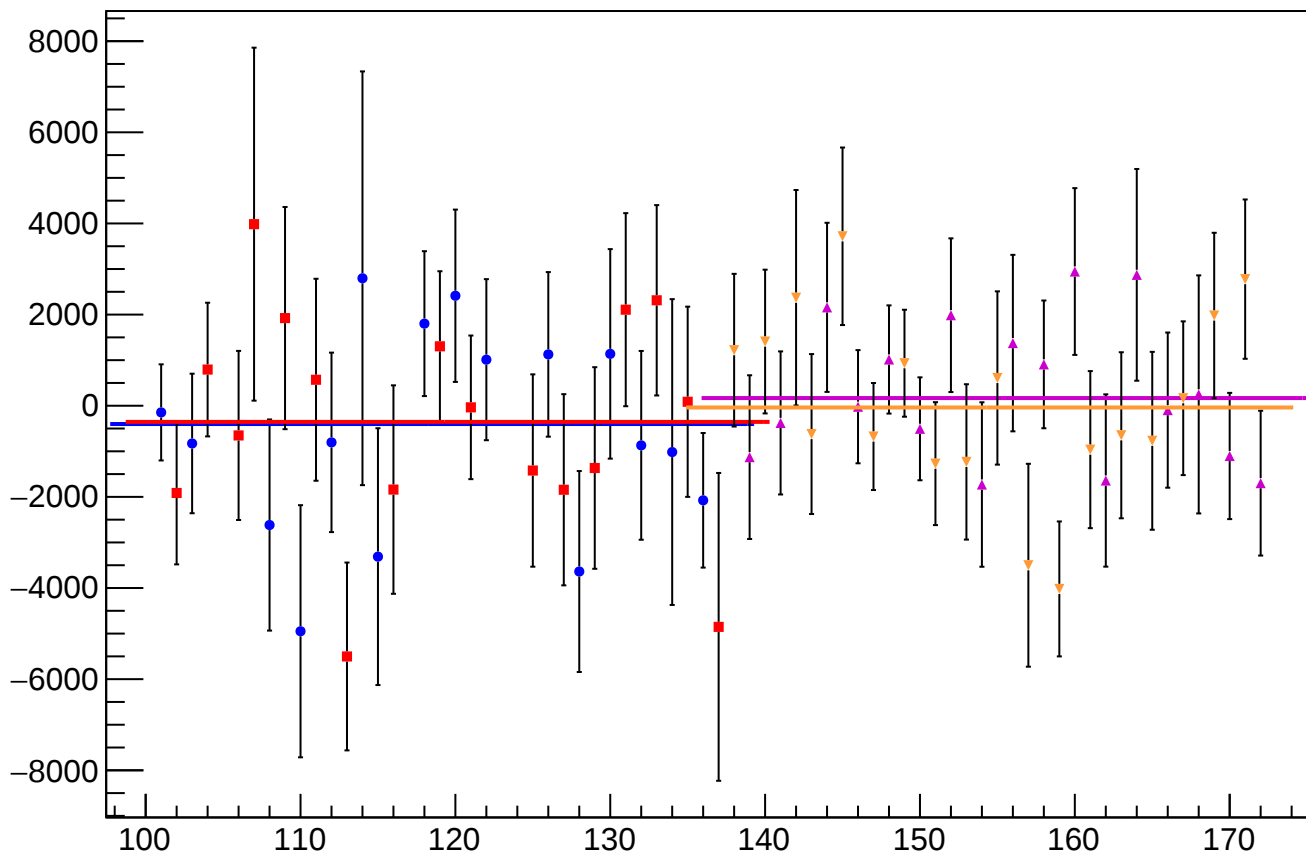
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 795.010 $\pm$ 0.125 χ^2 /NDF: 27084.3/32

Out: 805.124 $\pm$ 0.127 χ^2 /NDF: 666319.3/34

All: 800.026 $\pm$ 0.089 χ^2 /NDF: 696625.1/67

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 $\pm$ 468.669 χ^2/NDF : 14.8/15

Left Out: -38.462 $\pm$ 386.668 χ^2/NDF : 22.7/17

Right Out: -354.462 $\pm$ 486.525 χ^2/NDF : 17.4/16

Left In: 168.395 $\pm$ 384.745 χ^2/NDF : 12.4/16

Left: 65.482 $\pm$ 272.733 χ^2/NDF : 35.3/34

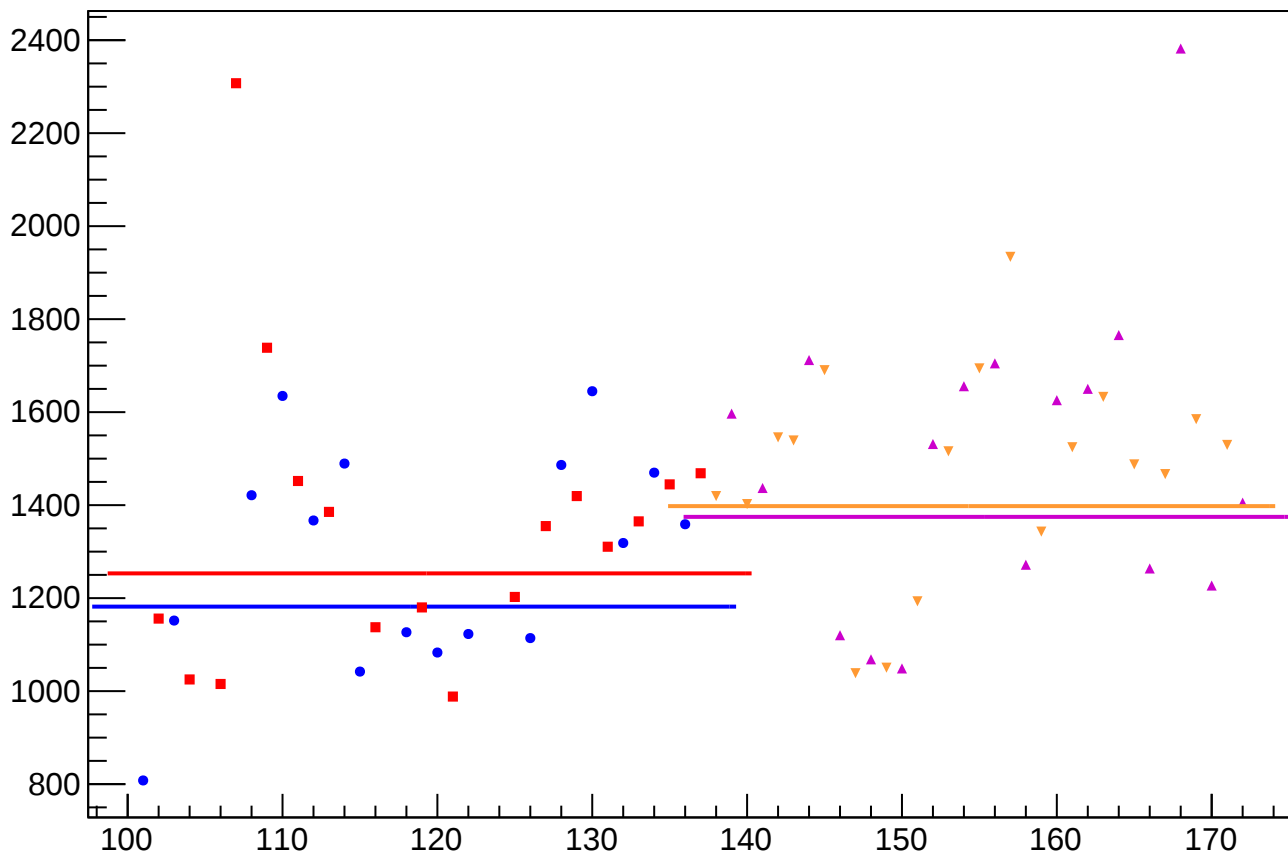
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

In: -61.032 $\pm$ 297.375 χ^2/NDF : 28.1/32

Out: -160.791 $\pm$ 302.710 χ^2/NDF : 40.4/34

All: -110.025 $\pm$ 212.137 χ^2/NDF : 68.6/67

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1397.891 $\pm$ 0.273 χ^2 /NDF: 736050.3/17

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

Left In: 1374.792 $\pm$ 0.272 χ^2 /NDF: 1084439.0/16

Left: 1386.284 $\pm$ 0.193 χ^2 /NDF: 1824075.9/34

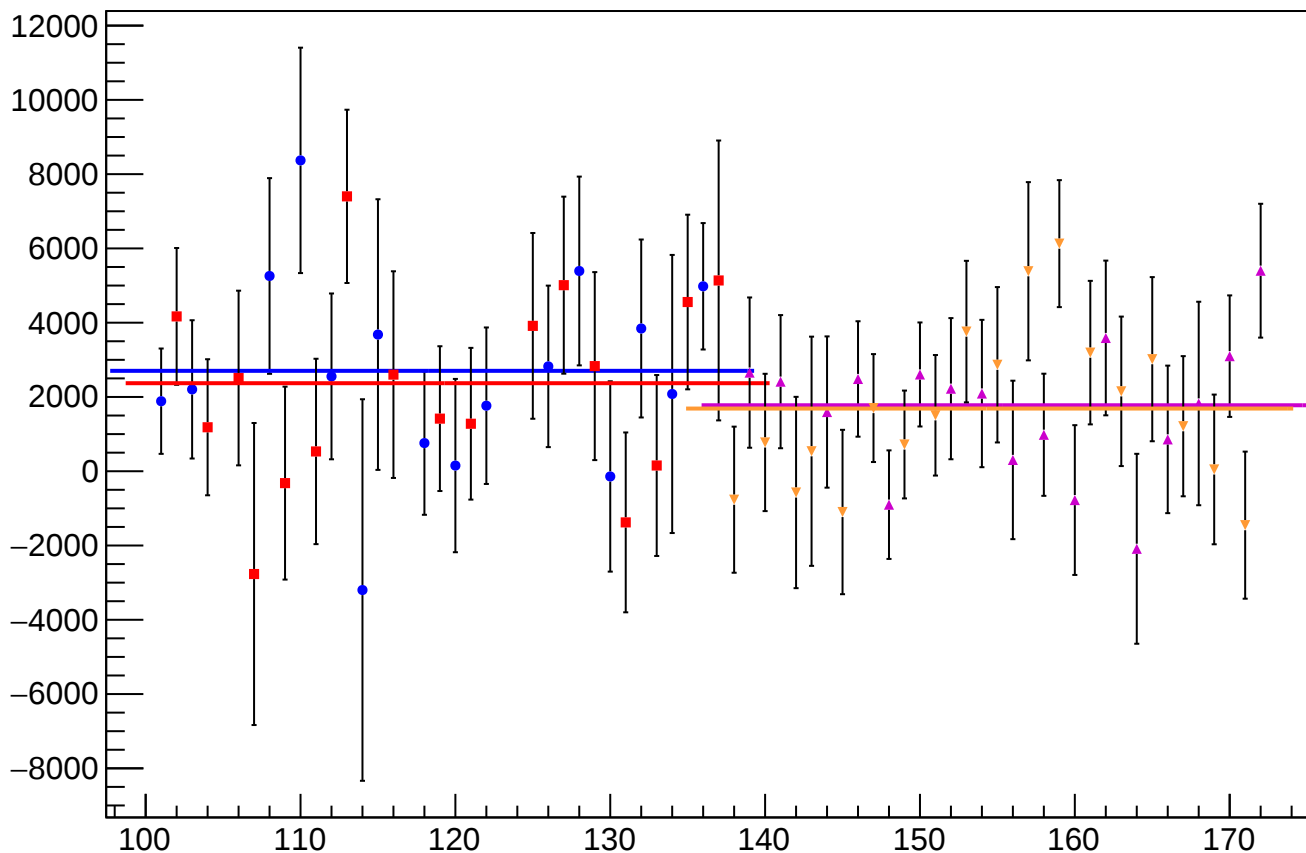
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1297.079 $\pm$ 0.210 χ^2 /NDF: 1830601.1/32

Out: 1341.887 $\pm$ 0.214 χ^2 /NDF: 1300071.5/34

All: 1319.085 $\pm$ 0.150 χ^2 /NDF: 3152972.3/67

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1688.009 $\pm$ 453.632 χ^2/NDF : 19.6/17

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

Left In: 1776.711 $\pm$ 446.933 χ^2/NDF : 14.6/16

Left: 1733.020 $\pm$ 318.371 χ^2/NDF : 34.2/34

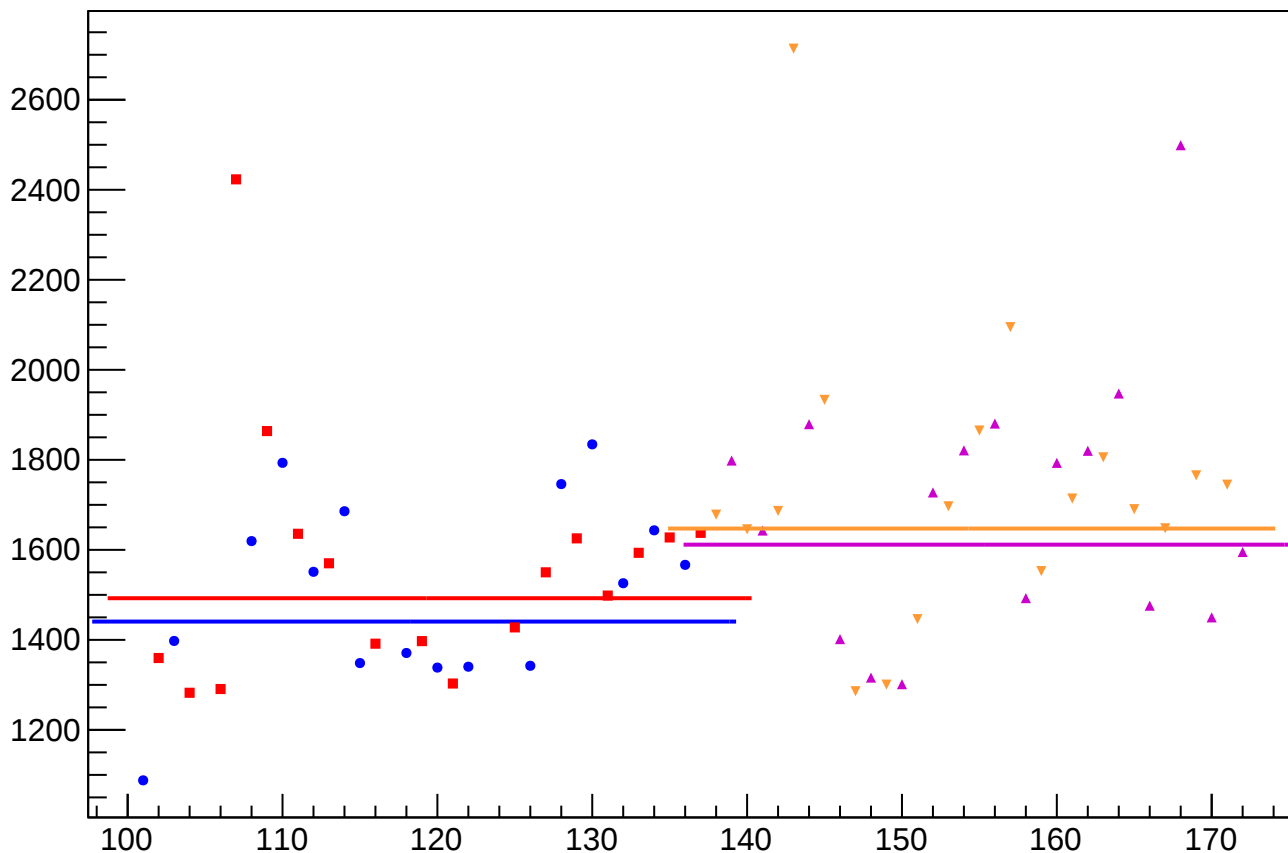
Right: 2539.780 $\pm$ 402.301 χ^2/NDF : 29.2/32

In: 2133.881 $\pm$ 350.406 χ^2/NDF : 29.3/32

Out: 1950.733 $\pm$ 355.781 χ^2/NDF : 36.5/34

All: 2043.701 $\pm$ 249.653 χ^2/NDF : 65.9/67

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2/NDF : 282262.6/15

Left Out: 1647.375 $\pm$ 0.321 χ^2/NDF :667542.6/17

Right Out: 1492.529 $\pm$ 0.406 χ^2/NDF : 251506.2/16

Left In: 1611.525 $\pm$ 0.316 χ^2/NDF :649933.4/16

Left: 1629.183 $\pm$ 0.225 χ^2/NDF : 1323814.4/34

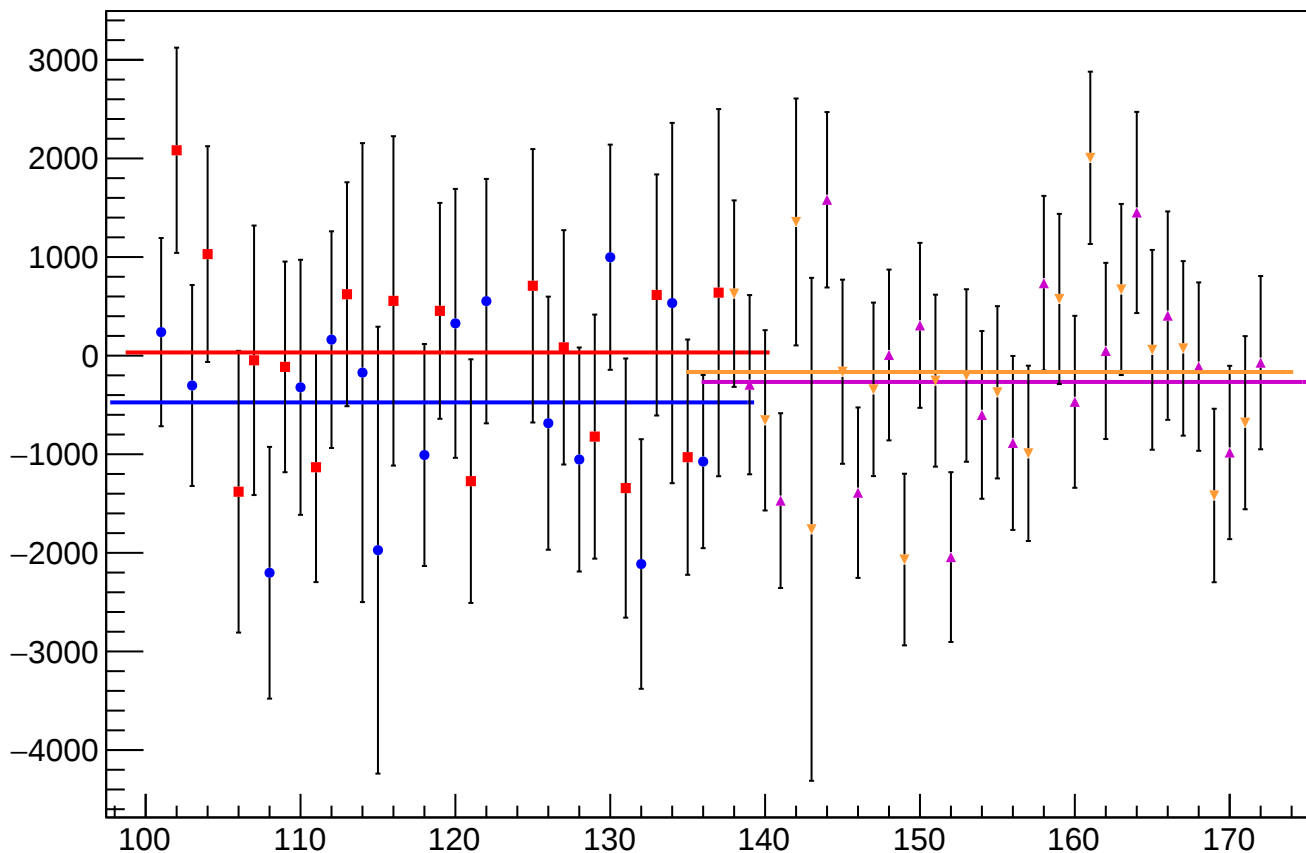
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1545.687 $\pm$ 0.248 χ^2/NDF :1044837.4/32

Out: 1587.778 $\pm$ 0.252 χ^2/NDF :1008739.3/34

All: 1566.412 $\pm$ 0.177 χ^2/NDF : 2067785.7/67

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -165.595 ± 218.837 χ^2/NDF : 18.9/17

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

Left In: -266.870 ± 215.546 χ^2/NDF : 18.8/16

Left: -217.000 ± 153.564 χ^2/NDF : 37.8/34

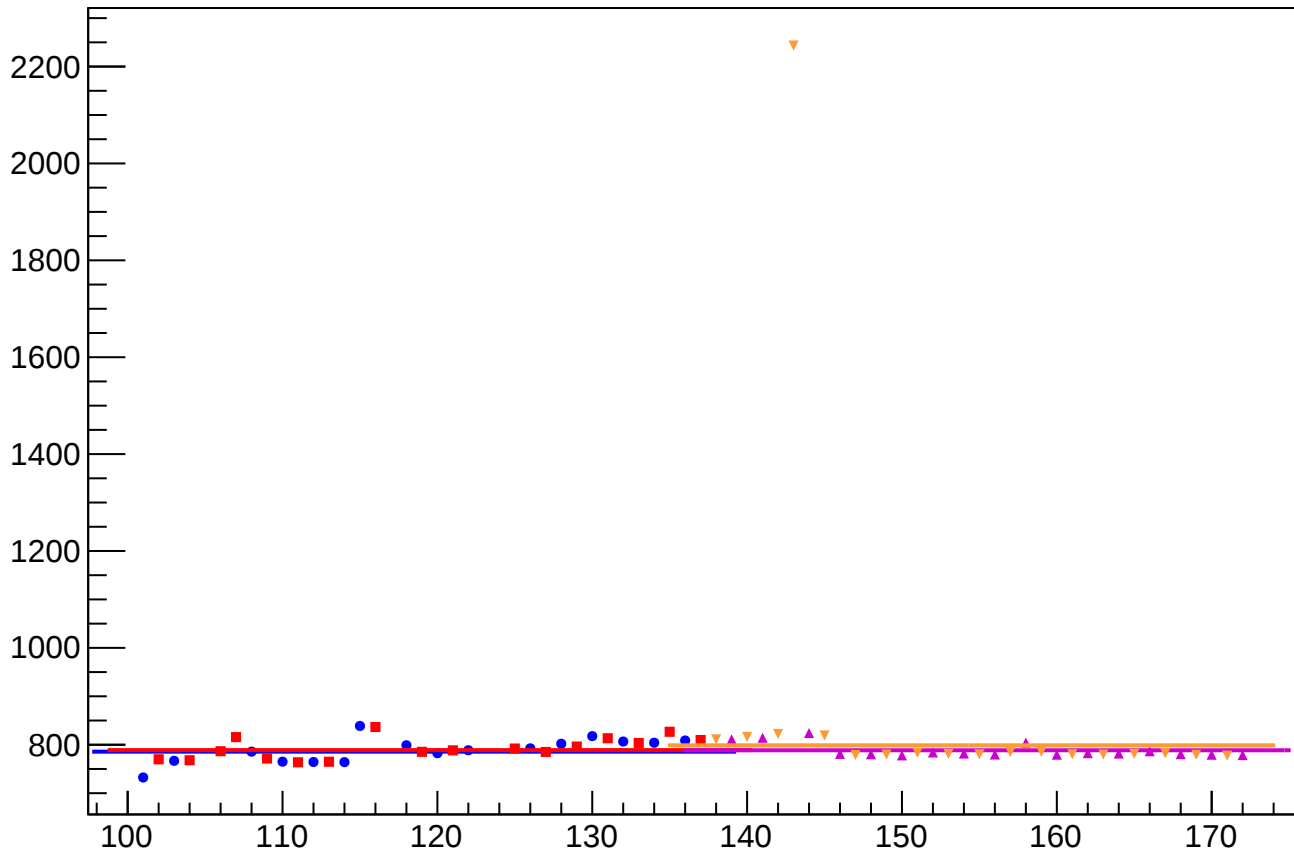
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

In: -336.235 ± 175.816 χ^2/NDF : 27.9/32

Out: -96.695 ± 176.718 χ^2/NDF : 30.5/34

All: -217.078 ± 124.638 χ^2/NDF : 59.4/67

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 798.843 $\pm$ 0.155 χ^2/NDF : 654856.1/17

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

Left In: 788.589 $\pm$ 0.152 χ^2/NDF : 8850.3/16

Left: 793.638 $\pm$ 0.109 χ^2/NDF : 665935.3/34

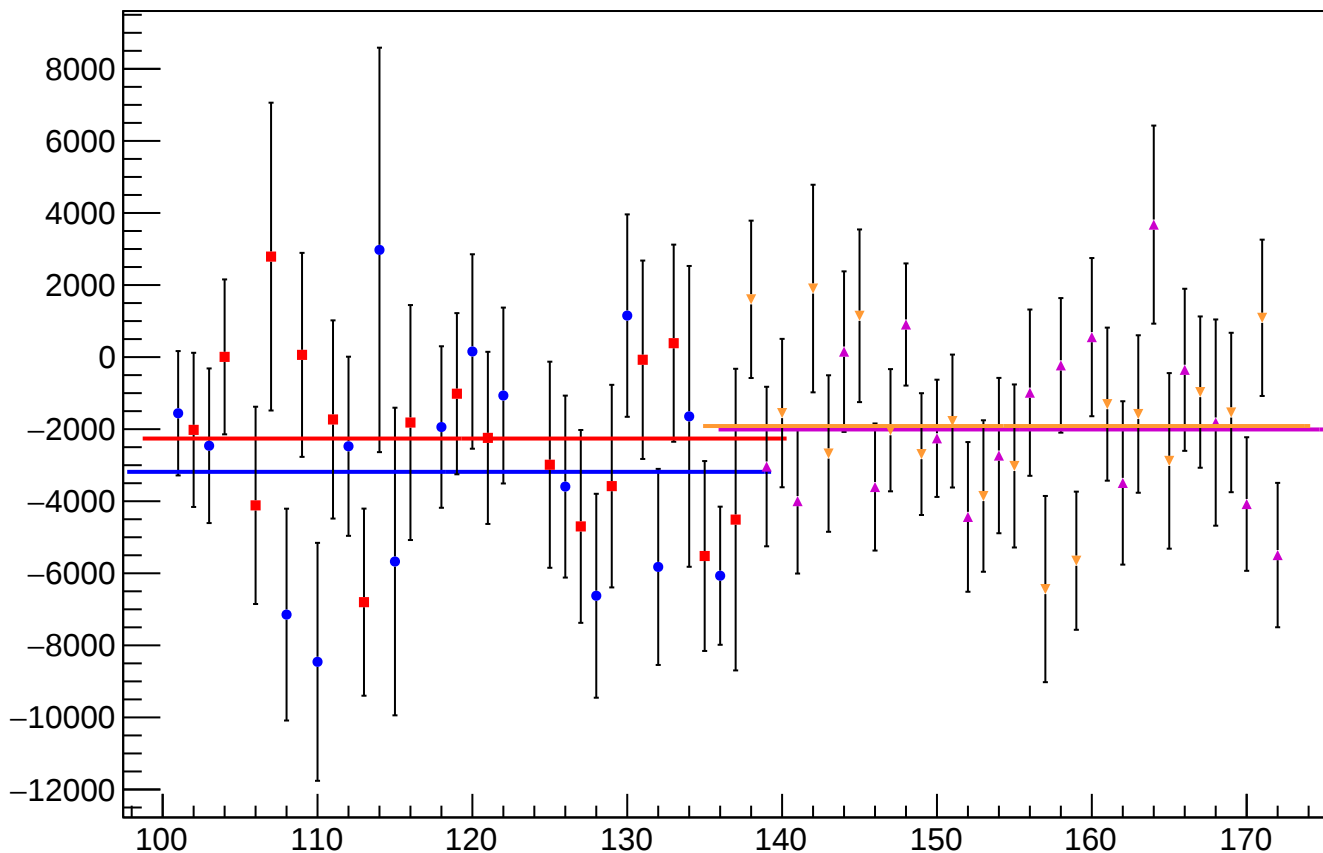
Right: 787.366 $\pm$ 0.151 χ^2/NDF : 23558.6/32

In: 787.637 $\pm$ 0.124 χ^2/NDF : 22888.3/32

Out: 795.398 $\pm$ 0.125 χ^2/NDF : 665805.9/34

All: 791.498 $\pm$ 0.088 χ^2/NDF : 690632.5/67

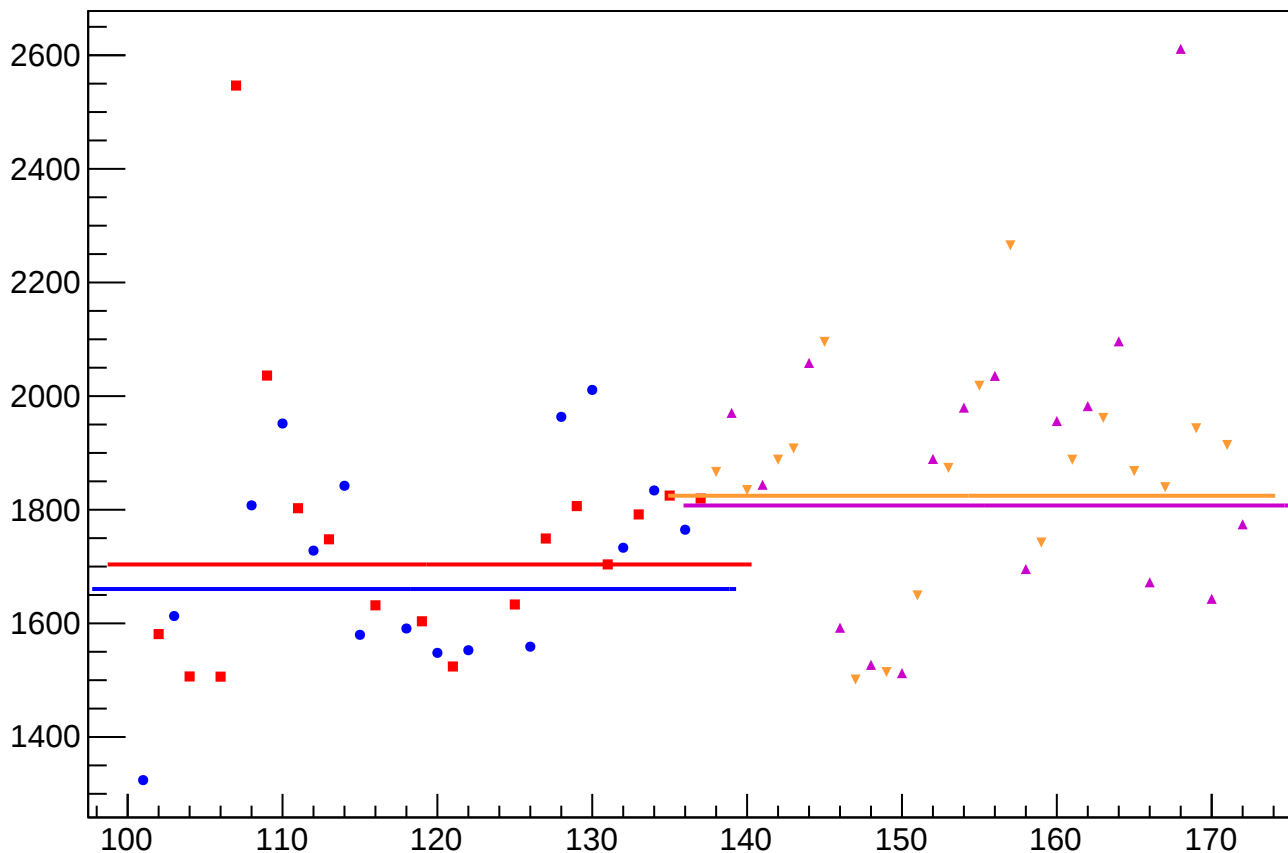
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -1912.885 $\pm$ 498.106 χ^2 /NDF:16.7/17
 Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16
 Left In: -2008.411 $\pm$ 498.996 χ^2 /NDF:19.4/16

Left: -1960.563 $\pm$ 352.529 χ^2 /NDF: 36.1/34
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -2446.759 $\pm$ 395.214 χ^2 /NDF:38.3/32
 Out: -2040.912 $\pm$ 395.806 χ^2 /NDF:28.5/34
 All: -2244.139 $\pm$ 279.667 χ^2 /NDF: 67.3/67

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1824.654 $\pm$ 0.352 χ^2 /NDF: 285654.7/17

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

Left In: 1807.487 $\pm$ 0.353 χ^2 /NDF: 454242.2/16

Left: 1816.086 $\pm$ 0.249 χ^2 /NDF: 741082.6/34

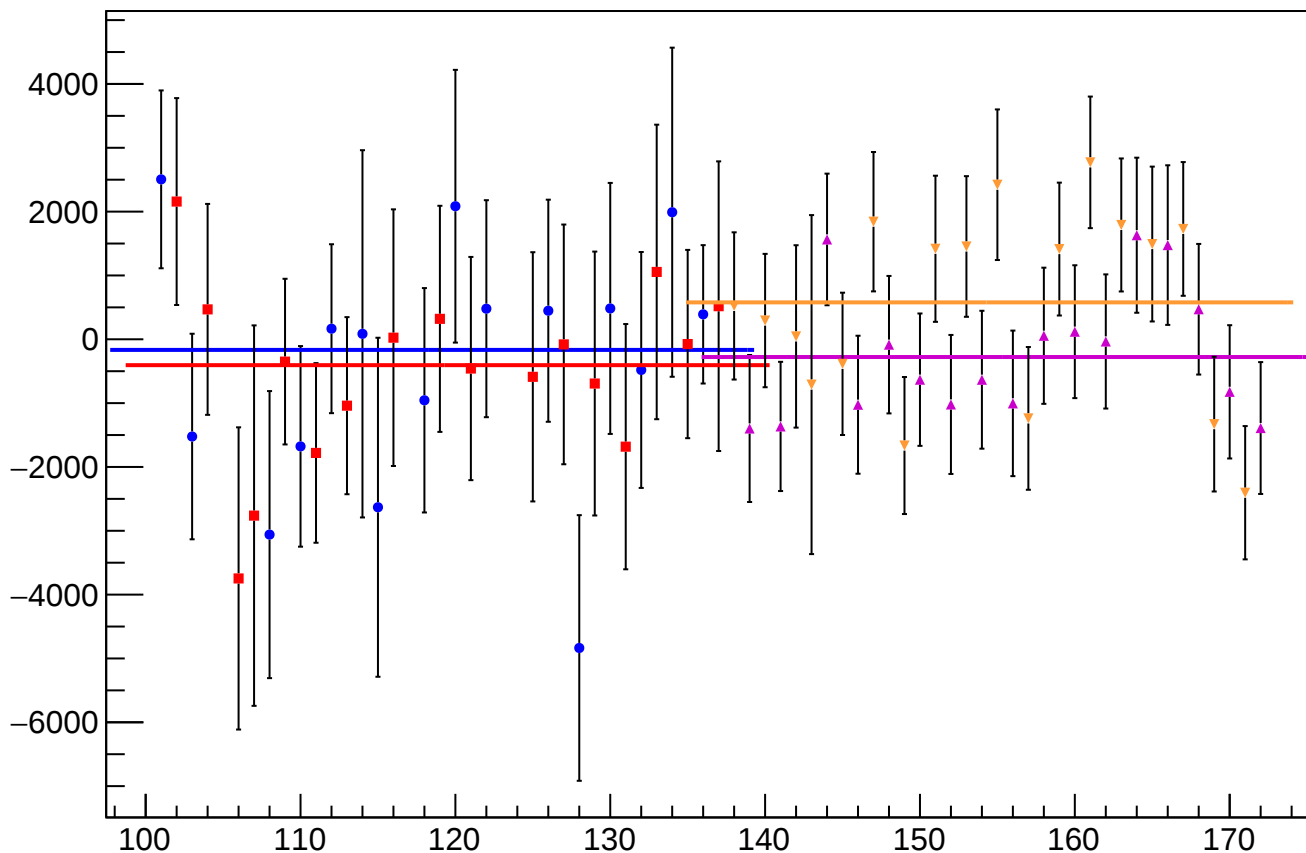
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1752.689 $\pm$ 0.279 χ^2 /NDF: 698160.9/32

Out: 1780.066 $\pm$ 0.280 χ^2 /NDF: 500161.1/34

All: 1766.357 $\pm$ 0.198 χ^2 /NDF: 1203113.1/67

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 578.132+/-266.209 χ^2/NDF : 32.9/17

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

Left In: -277.833+/-261.485 χ^2/NDF : 13.6/16

Left: 142.487+/-186.546 χ^2/NDF : 51.7/34

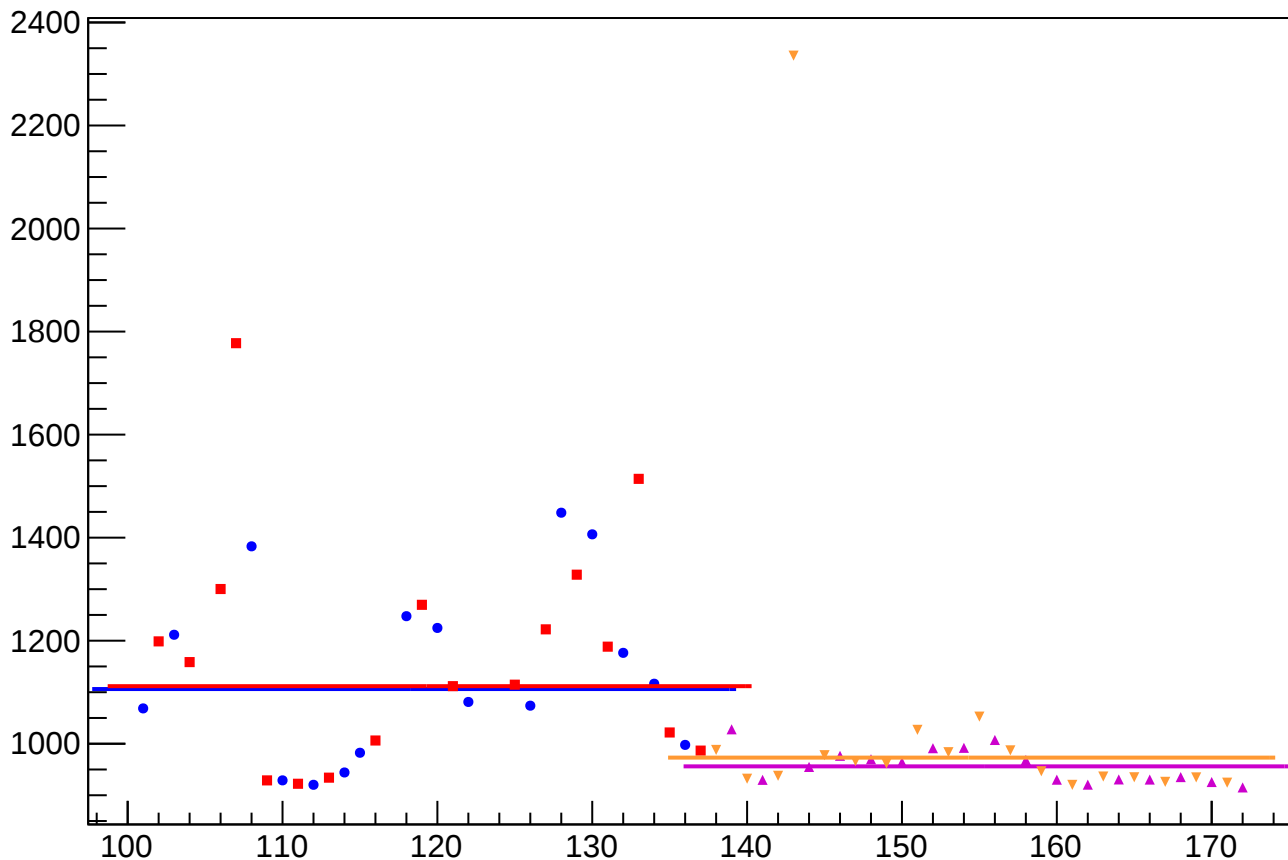
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -248.011+/-223.792 χ^2/NDF : 29.3/32

Out: 304.379+/-226.142 χ^2/NDF : 44.6/34

All: 25.299+/-159.069 χ^2/NDF : 76.9/67

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 ± 0.306 $\chi^2/\text{NDF}: 259917.7/15$

Left Out: 973.061 ± 0.188 $\chi^2/\text{NDF}: 567646.0/17$

Right Out: 1111.726 ± 0.303 $\chi^2/\text{NDF}: 356388.5/16$

Left In: 956.083 ± 0.185 $\chi^2/\text{NDF}: 29816.7/16$

Left: 964.420 ± 0.132 $\chi^2/\text{NDF}: 601603.0/34$

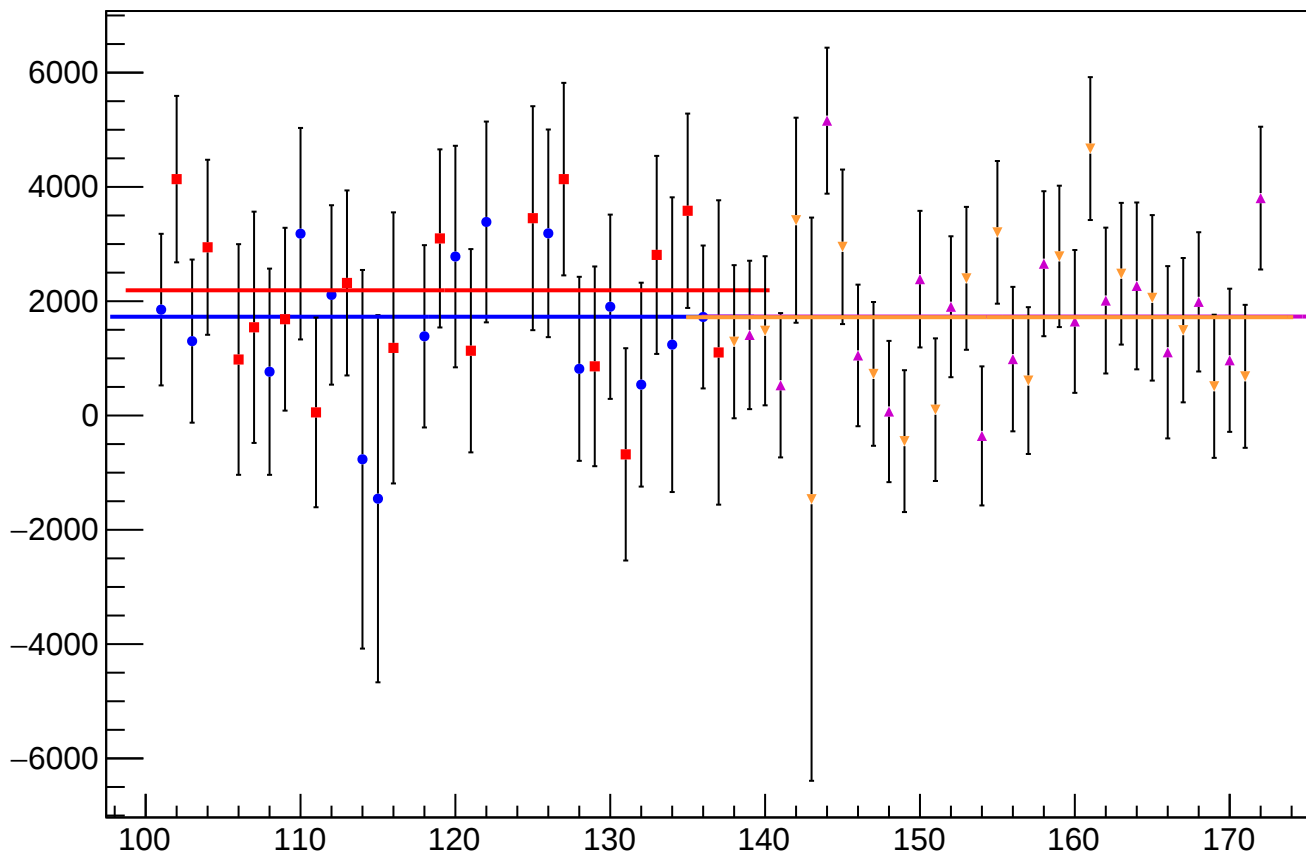
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 996.231 ± 0.158 $\chi^2/\text{NDF}: 465978.2/32$

Out: 1011.661 ± 0.160 $\chi^2/\text{NDF}: 1075090.3/34$

All: 1003.866 ± 0.112 $\chi^2/\text{NDF}: 1545772.3/67$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1720.112 $\pm$ 313.442 χ^2/NDF : 18.5/17

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

Left In: 1731.659 $\pm$ 308.086 χ^2/NDF : 17.9/16

Left: 1725.985 $\pm$ 219.719 χ^2/NDF : 36.4/34

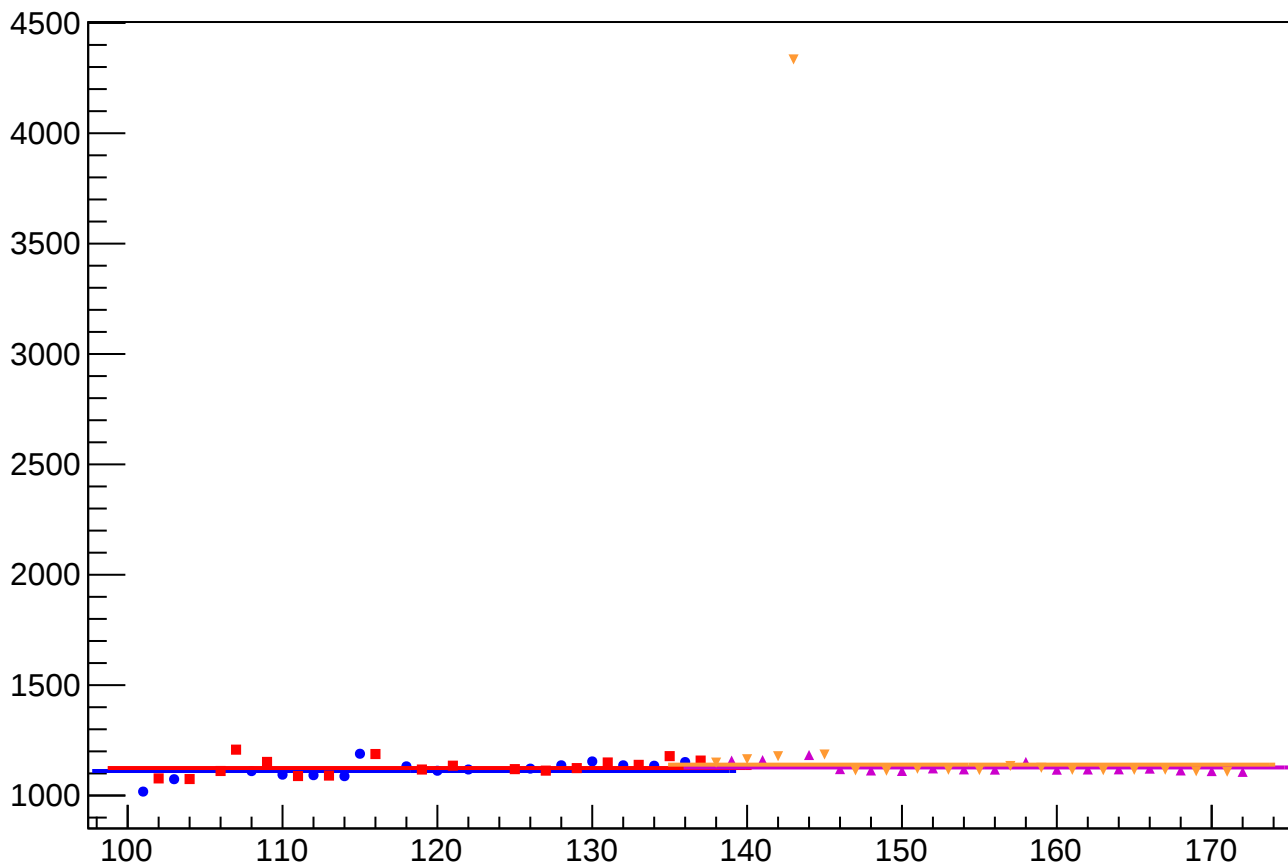
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1730.574 $\pm$ 250.401 χ^2/NDF : 23.2/32

Out: 1884.876 $\pm$ 252.720 χ^2/NDF : 30.1/34

All: 1807.014 $\pm$ 177.874 χ^2/NDF : 53.5/67

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1139.847 $\pm$ 0.222 χ^2 /NDF: 853856.7/17

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

Left In: 1127.086 $\pm$ 0.218 χ^2 /NDF: 9570.8/16

Left: 1133.356 $\pm$ 0.155 χ^2 /NDF: 865113.4/34

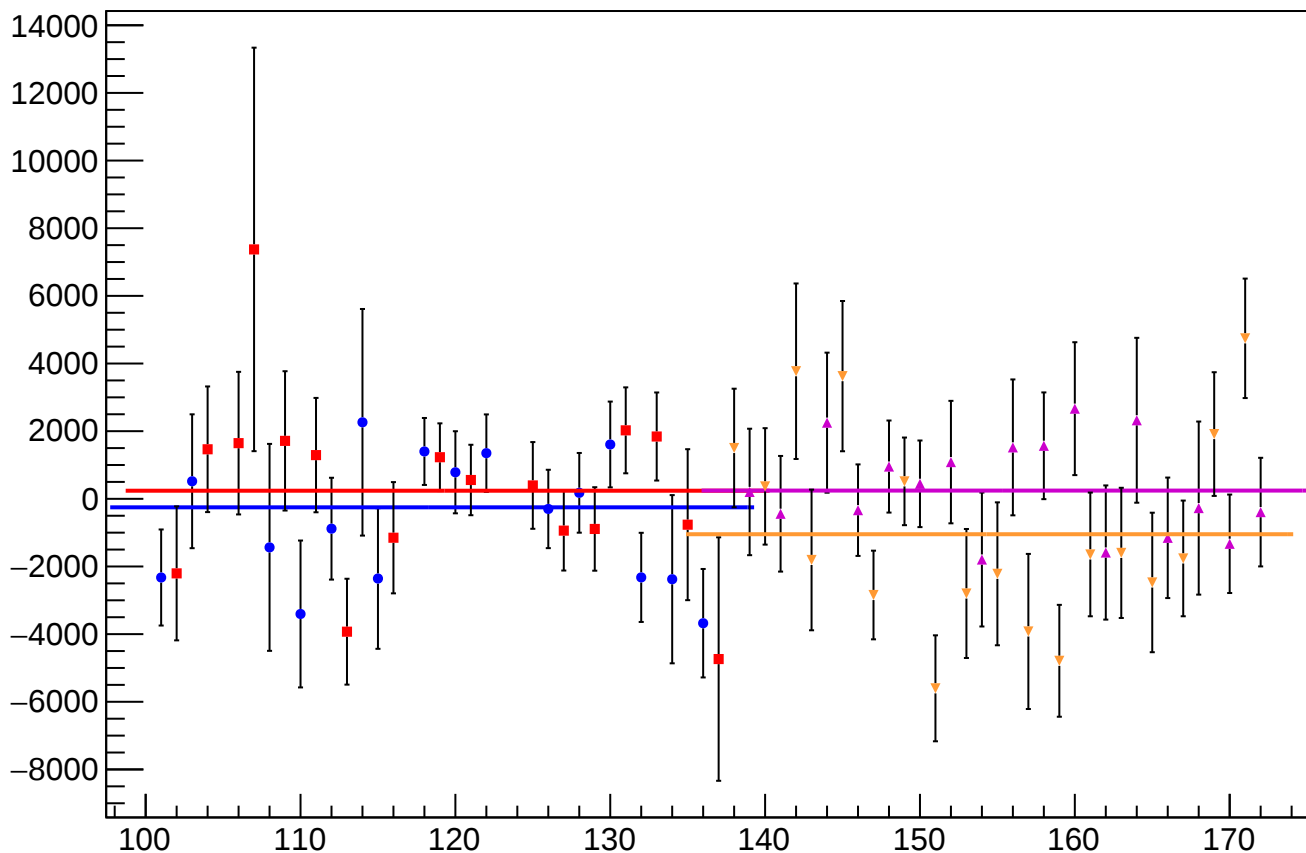
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1121.641 $\pm$ 0.177 χ^2 /NDF: 29502.8/32

Out: 1134.481 $\pm$ 0.179 χ^2 /NDF: 870131.9/34

All: 1128.002 $\pm$ 0.126 χ^2 /NDF: 902240.3/67

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2 /NDF: 21.8/15

Left Out: -1046.460 $\pm$ 420.618 χ^2 /NDF:44.7/17

Right Out: 239.863 $\pm$ 363.842 χ^2 /NDF: 21.1/16

Left In: 243.925 $\pm$ 416.002 χ^2 /NDF:9.0/16

Left: -394.148 $\pm$ 295.777 χ^2 /NDF: 58.5/34

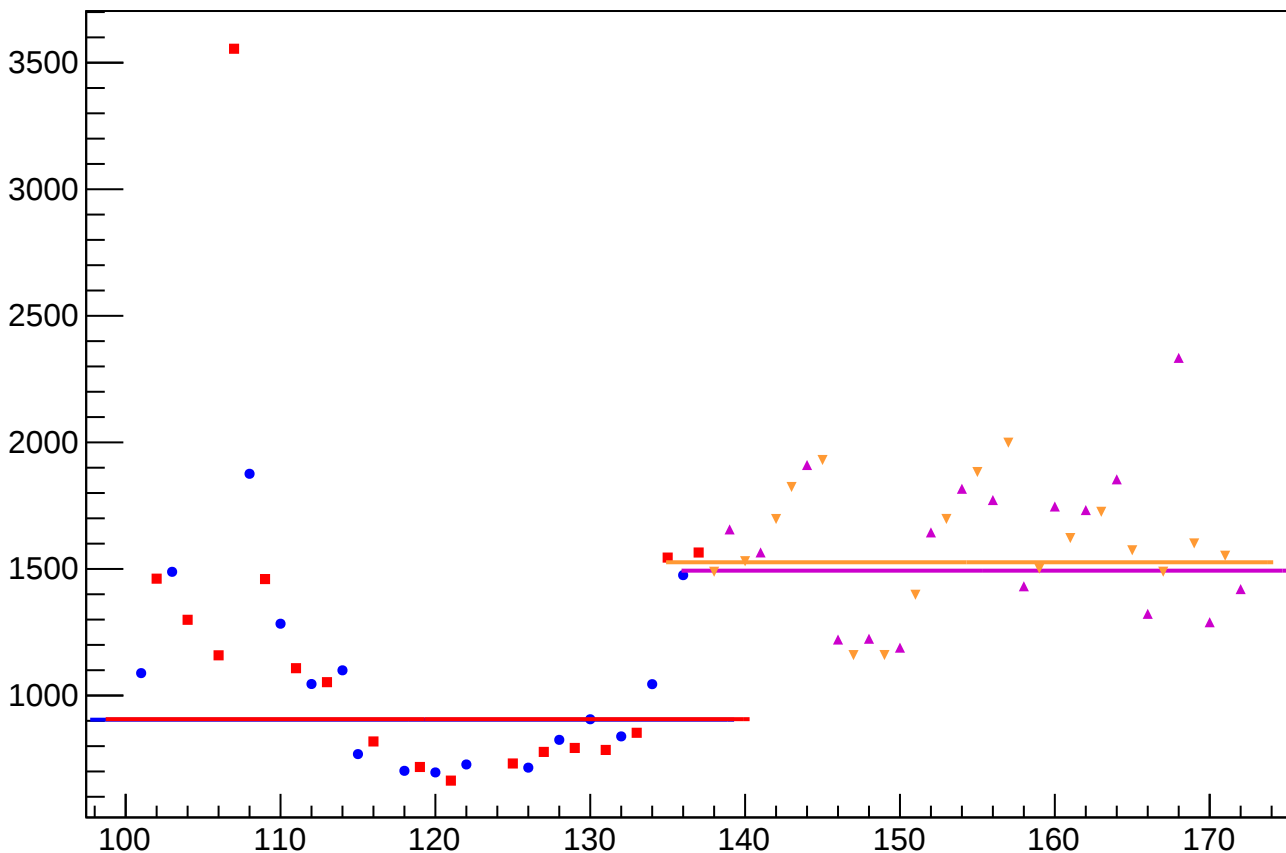
Right: -4.984 $\pm$ 257.666 χ^2 /NDF: 43.8/32

In: -35.938 $\pm$ 274.343 χ^2 /NDF:31.7/32

Out: -310.684 $\pm$ 275.176 χ^2 /NDF:71.1/34

All: -172.895 $\pm$ 194.284 χ^2 /NDF: 103.2/67

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1526.412+/-0.297 χ^2/NDF : 637920.8/17

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

Left In: 1493.267+/-0.294 χ^2/NDF : 864803.3/16

Left: 1509.657+/-0.209 χ^2/NDF : 1509002.2/34

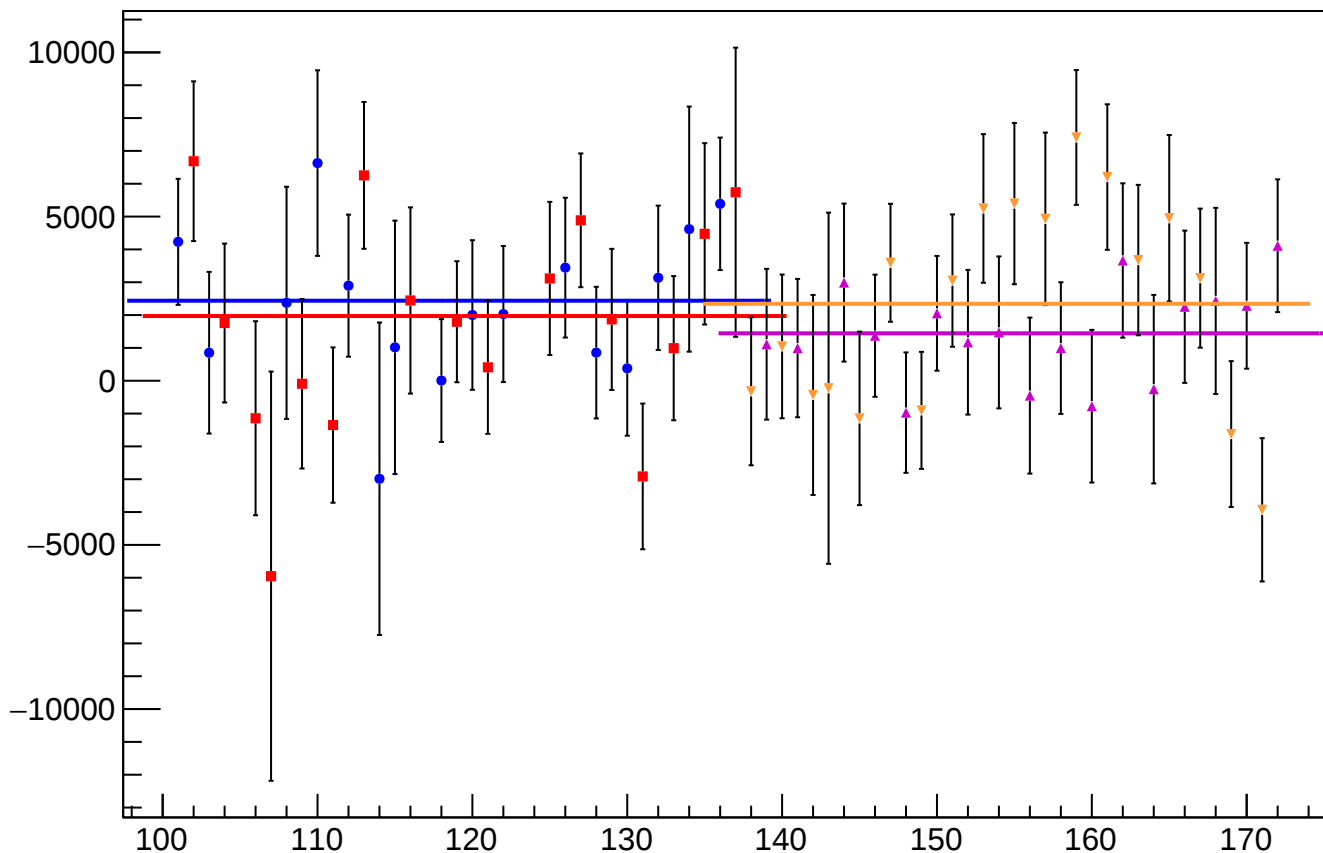
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1160.552+/-0.194 χ^2/NDF : 4149821.4/32

Out: 1171.877+/-0.195 χ^2/NDF : 4498145.7/34

All: 1166.197+/-0.137 χ^2/NDF : 8649665.8/67

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2343.582+/-535.146 χ^2/NDF : 34.8/17

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

Left In: 1444.753+/-524.531 χ^2/NDF : 7.4/16

Left: 1885.164+/-374.596 χ^2/NDF : 43.6/34

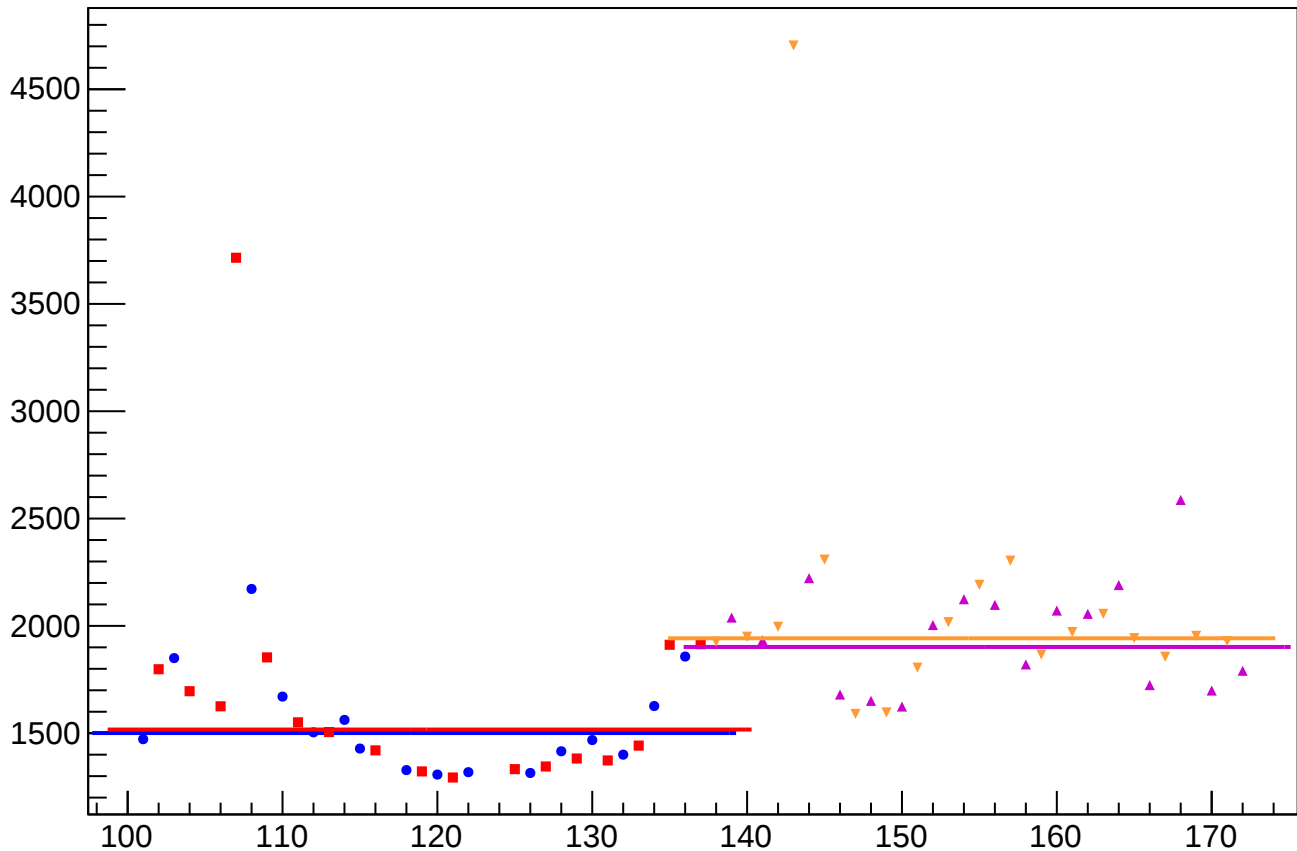
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1886.155+/-390.899 χ^2/NDF : 20.1/32

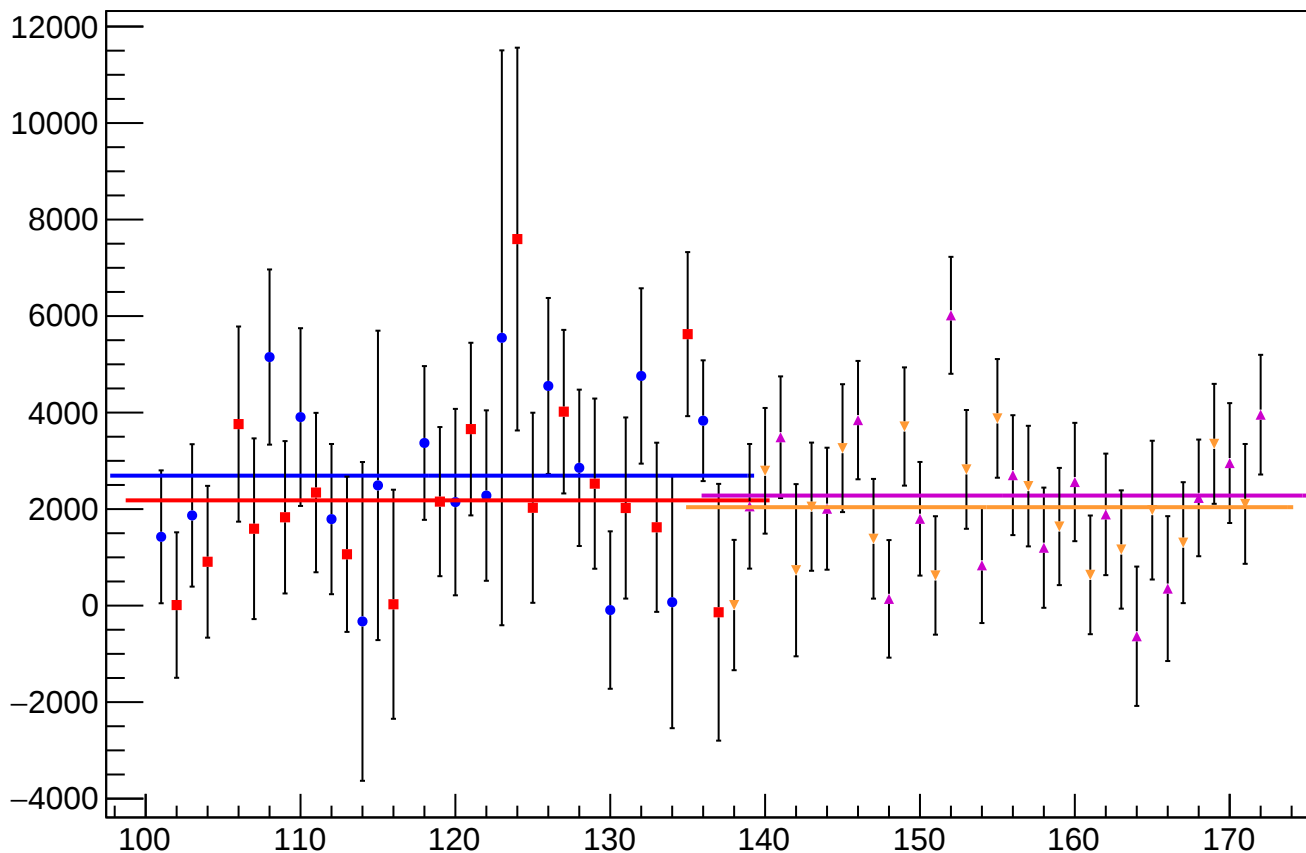
Out: 2174.113+/-395.367 χ^2/NDF : 57.3/34

All: 2028.498+/-277.973 χ^2/NDF : 77.7/67

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2039.710 $\pm$ 302.176 χ^2 /NDF:13.6/17

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

Left In: 2280.411 $\pm$ 304.458 χ^2 /NDF:25.7/16

Left: 2159.155 $\pm$ 214.473 χ^2 /NDF: 39.6/34

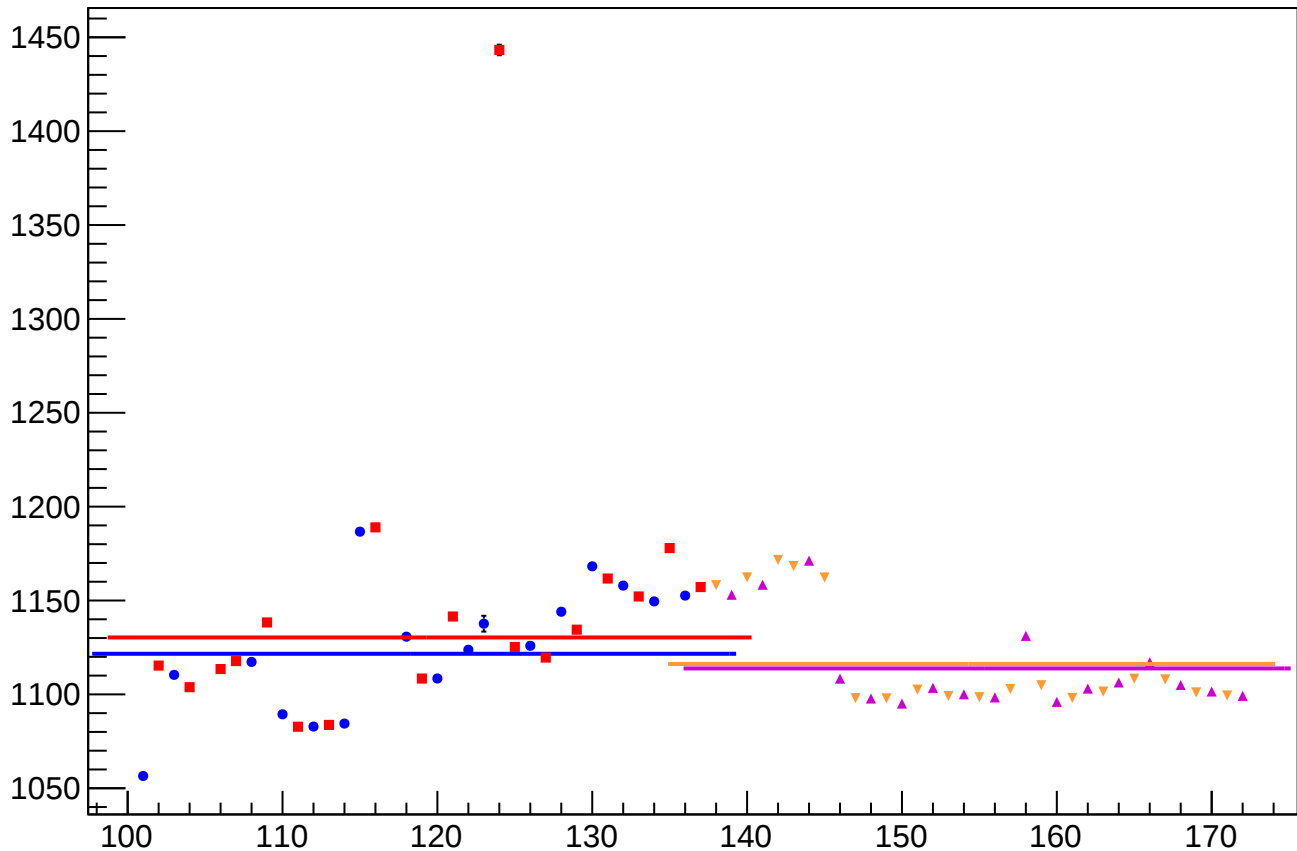
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2417.072 $\pm$ 248.981 χ^2 /NDF:38.5/33

Out: 2087.079 $\pm$ 246.360 χ^2 /NDF:27.2/35

All: 2250.330 $\pm$ 175.122 χ^2 /NDF: 66.7/69

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1116.169 $\pm$ 0.214 χ^2 /NDF:15723.7/17

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

Left In: 1113.812 $\pm$ 0.215 χ^2 /NDF:11683.9/16

Left: 1114.999 $\pm$ 0.152 χ^2 /NDF: 27468.0/34

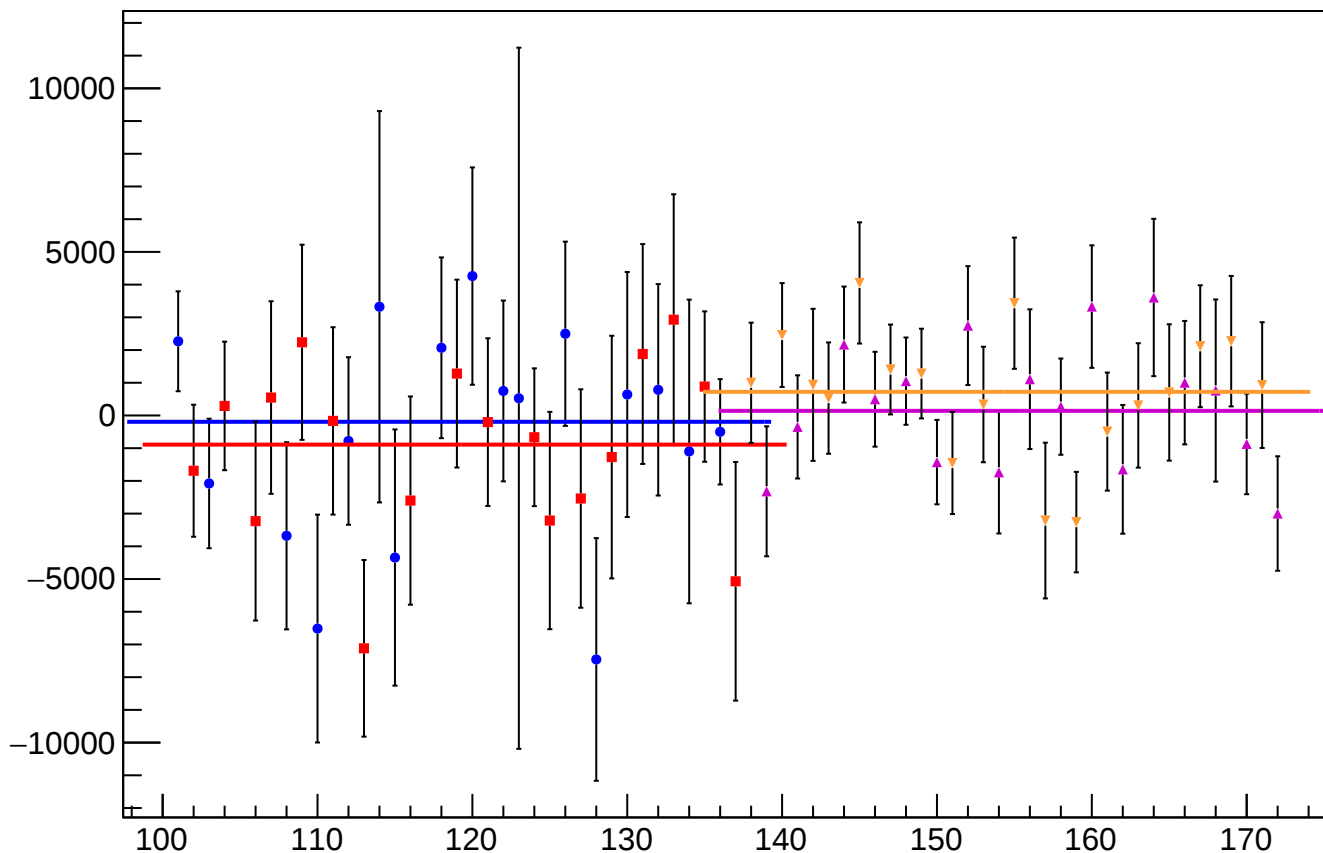
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1116.400 $\pm$ 0.176 χ^2 /NDF:24100.6/33

Out: 1120.913 $\pm$ 0.174 χ^2 /NDF:38469.6/35

All: 1118.680 $\pm$ 0.124 χ^2 /NDF: 62902.2/69

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 ± 660.359 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 722.491 ± 415.902 $\chi^2/\text{NDF}: 19.8/17$

Right Out: -891.057 ± 649.405 $\chi^2/\text{NDF}: 13.1/17$

Left In: 141.256 ± 416.742 $\chi^2/\text{NDF}: 17.9/16$

Left: 432.460 ± 294.384 $\chi^2/\text{NDF}: 38.7/34$

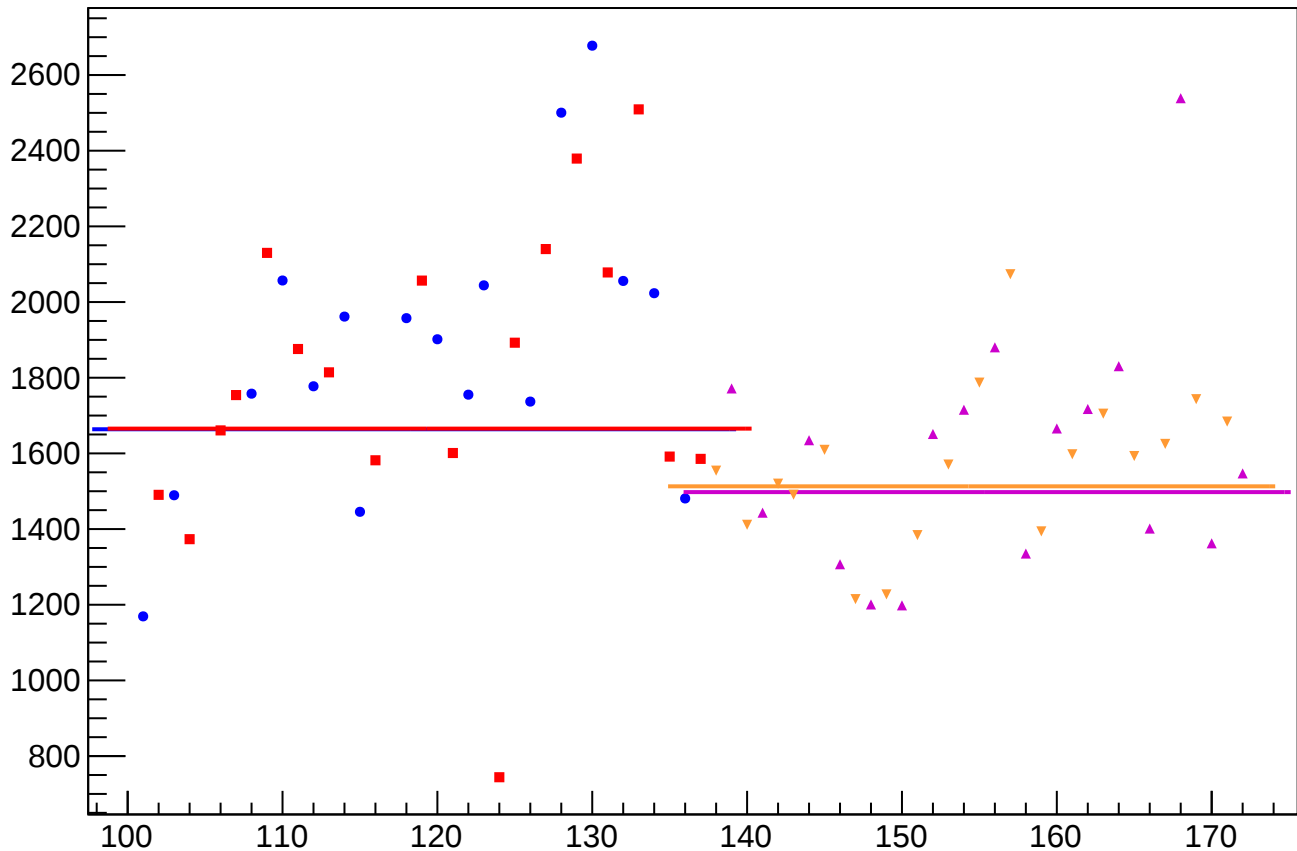
Right: -548.030 ± 463.023 $\chi^2/\text{NDF}: 31.0/34$

In: 45.956 ± 352.430 $\chi^2/\text{NDF}: 35.5/33$

Out: 253.175 ± 350.233 $\chi^2/\text{NDF}: 37.3/35$

All: 150.213 ± 248.425 $\chi^2/\text{NDF}: 72.9/69$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1512.958+/-0.294 χ^2/NDF : 449510.0/17

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

Left In: 1497.677+/-0.295 χ^2/NDF : 805028.7/16

Left: 1505.333+/-0.208 χ^2/NDF : 1255885.9/34

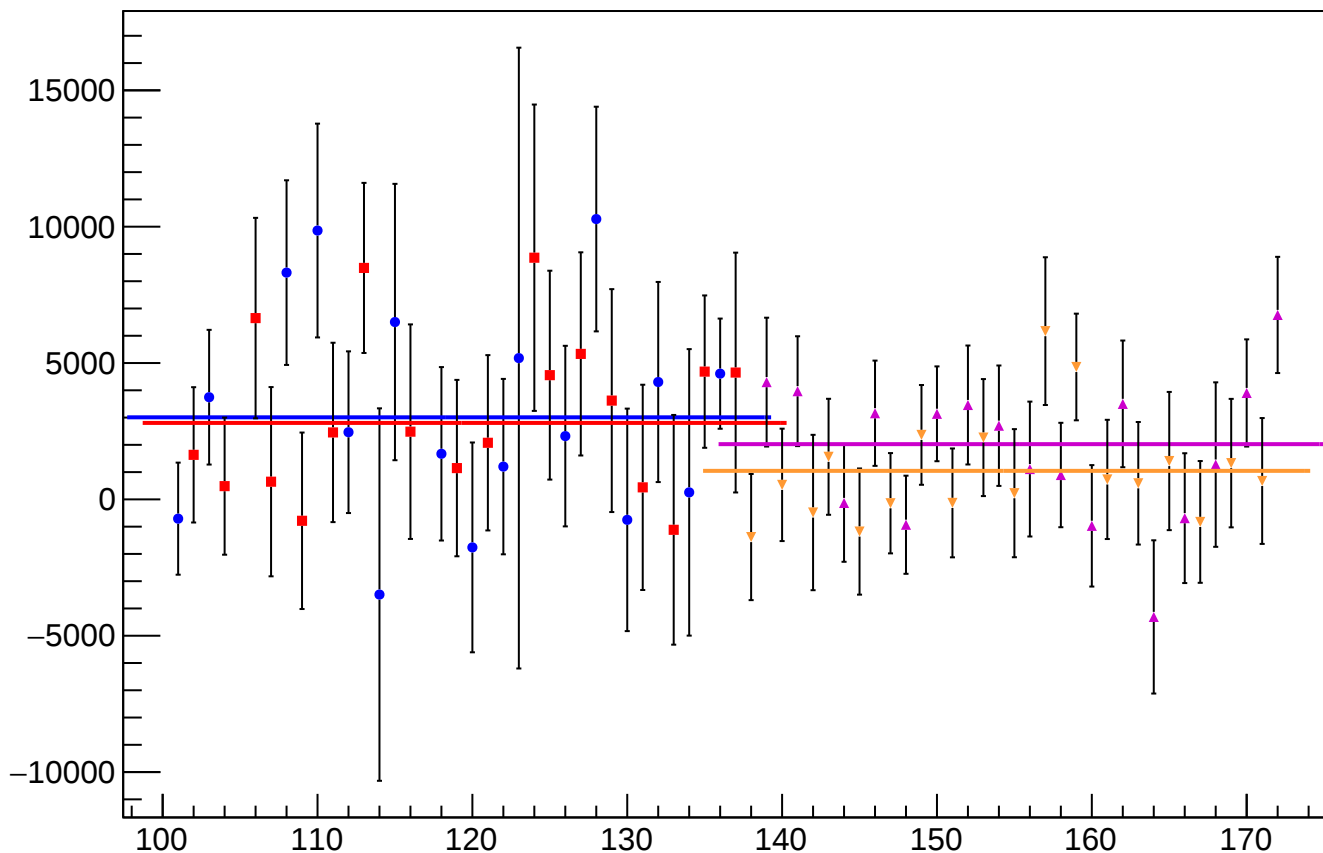
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1544.988+/-0.249 χ^2/NDF : 1518002.4/33

Out: 1557.317+/-0.248 χ^2/NDF : 1330521.7/35

All: 1551.191+/-0.176 χ^2/NDF : 2849755.5/69

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1046.026+/-518.000 χ^2/NDF : 12.4/17

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

Left In: 2025.471+/-521.308 χ^2/NDF : 21.8/16

Left: 1532.631+/-367.445 χ^2/NDF : 36.0/34

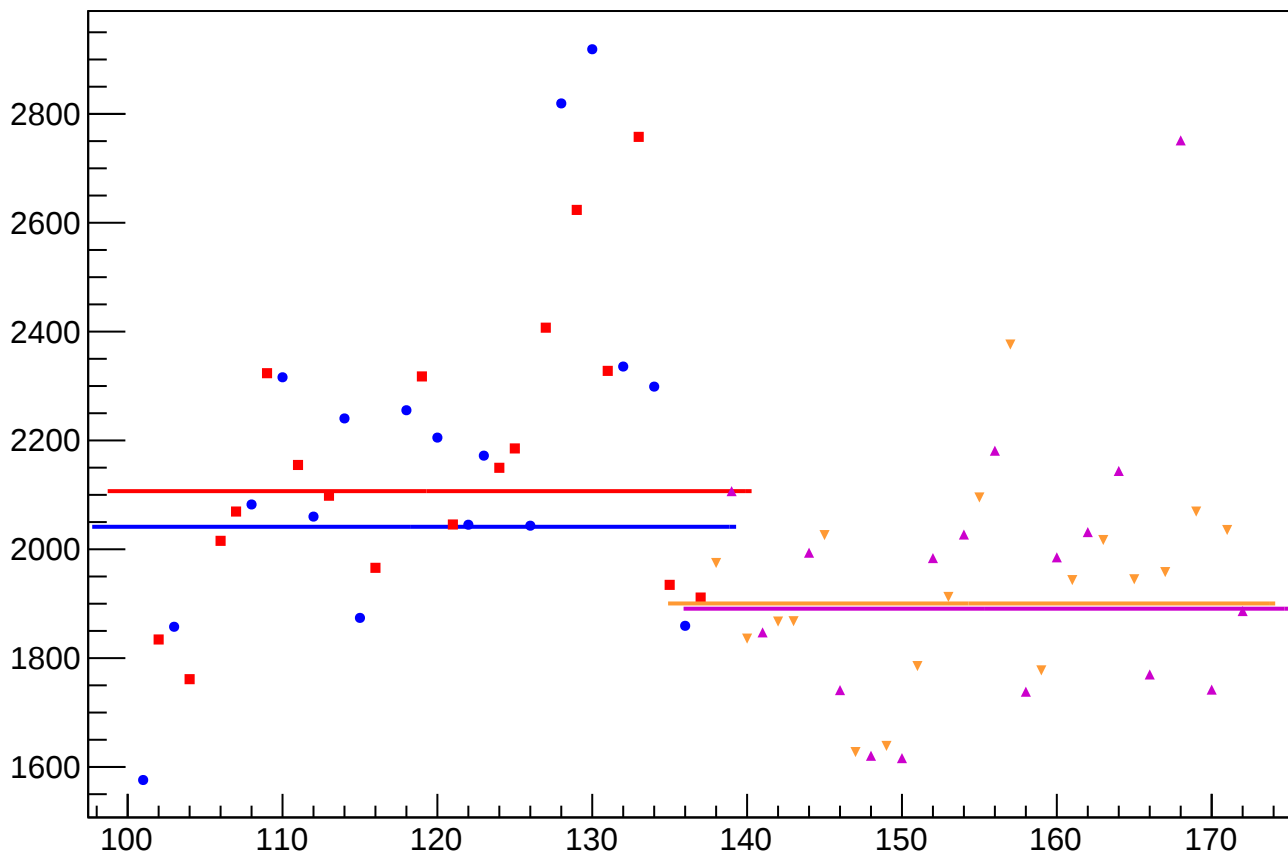
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2318.863+/-436.703 χ^2/NDF : 40.3/33

Out: 1565.709+/-434.744 χ^2/NDF : 27.0/35

All: 1940.592+/-308.101 χ^2/NDF : 68.7/69

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1900.426 $\pm$ 0.366 χ^2 /NDF:210997.3/17

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

Left In: 1890.836 $\pm$ 0.369 χ^2 /NDF:387334.8/16

Left: 1895.662 $\pm$ 0.260 χ^2 /NDF: 598672.6/34

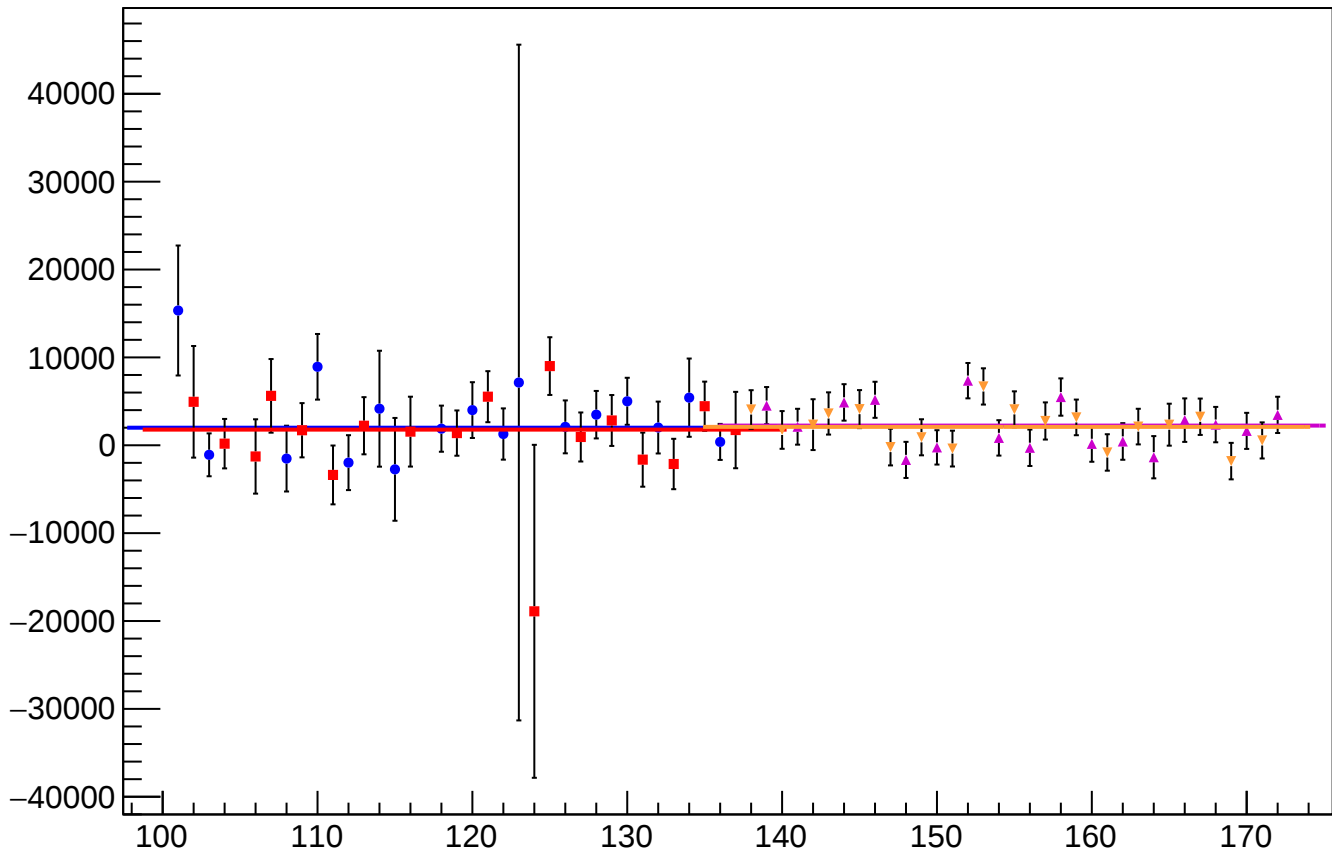
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1935.726 $\pm$ 0.309 χ^2 /NDF:775494.9/33

Out: 1961.448 $\pm$ 0.307 χ^2 /NDF:501604.0/35

All: 1948.645 $\pm$ 0.218 χ^2 /NDF: 1280583.5/69

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2094.981 $\pm$ 504.318 χ^2 /NDF:17.8/17

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

Left In: 2240.017 $\pm$ 506.016 χ^2 /NDF:25.3/16

Left: 2167.255 $\pm$ 357.205 χ^2 /NDF: 43.2/34

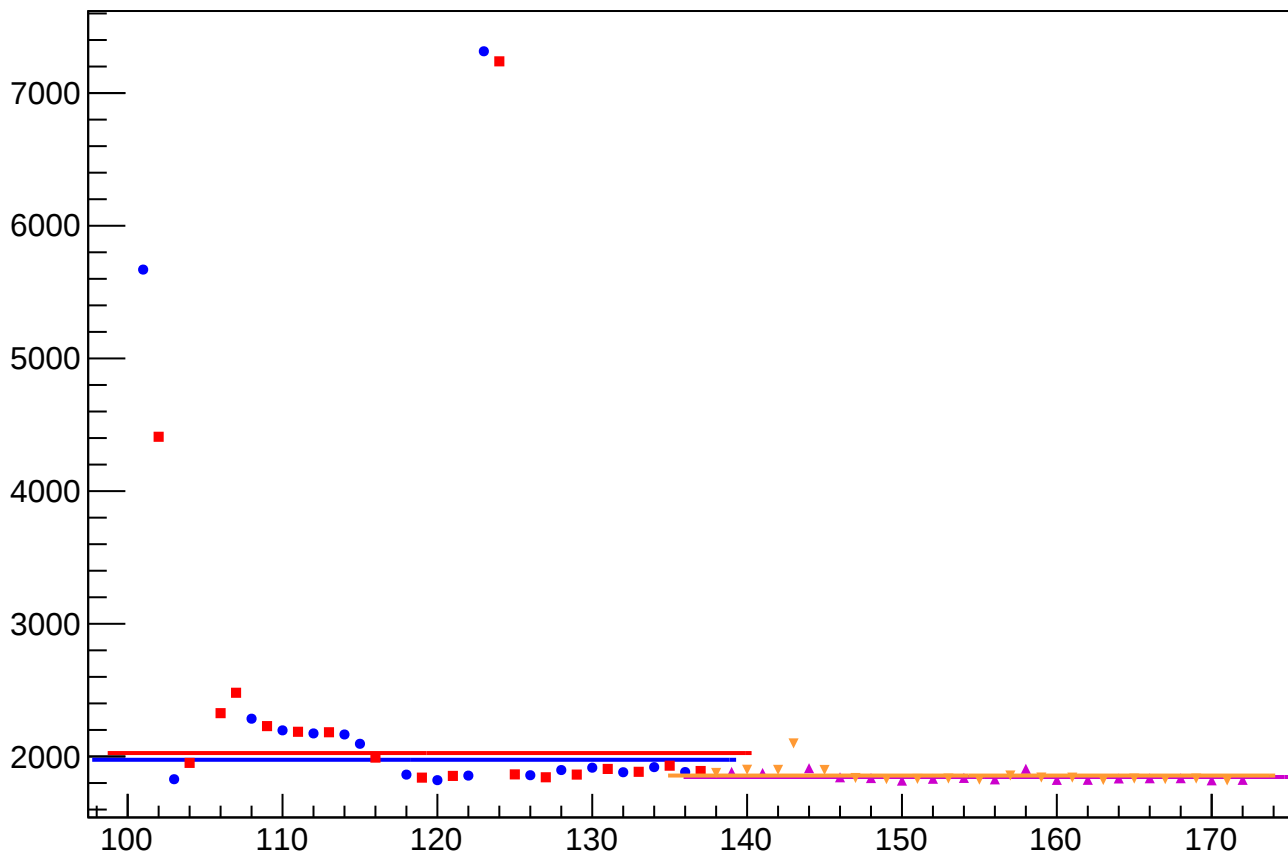
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2169.100 $\pm$ 424.770 χ^2 /NDF:40.2/33

Out: 2002.967 $\pm$ 423.800 χ^2 /NDF:34.2/35

All: 2085.844 $\pm$ 300.014 χ^2 /NDF: 74.5/69

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1856.297+/-0.357 χ^2/NDF : 26220.1/17

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

Left In: 1845.361+/-0.358 χ^2/NDF : 6594.1/16

Left: 1850.847+/-0.253 χ^2/NDF : 33282.9/34

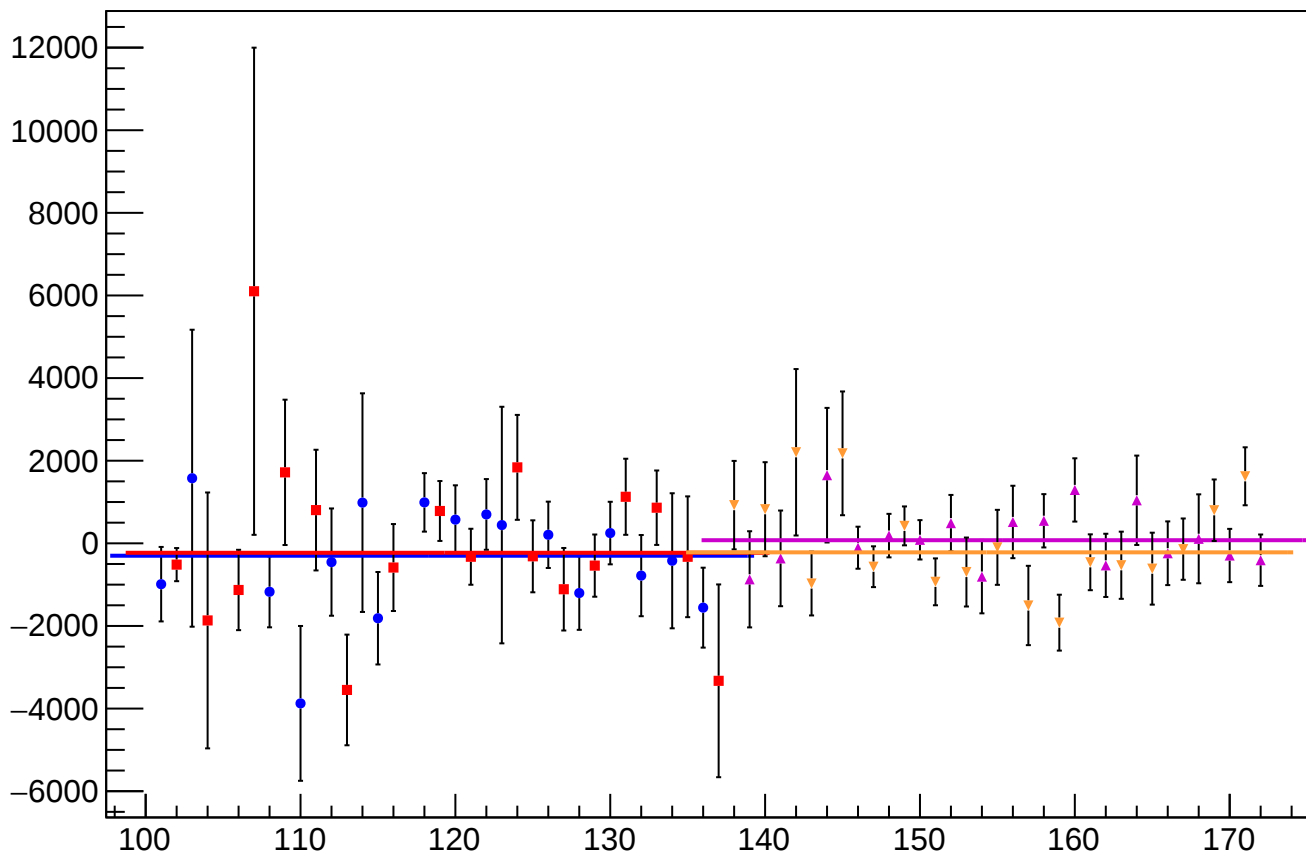
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1883.681+/-0.300 χ^2/NDF : 645261.4/33

Out: 1906.122+/-0.300 χ^2/NDF : 628045.4/35

All: 1894.927+/-0.212 χ^2/NDF : 1276104.4/69

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -218.219 ± 175.920 $\chi^2/\text{NDF}: 28.6/17$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: 75.641 ± 174.987 $\chi^2/\text{NDF}: 9.1/16$

Left: -70.508 ± 124.063 $\chi^2/\text{NDF}: 39.1/34$

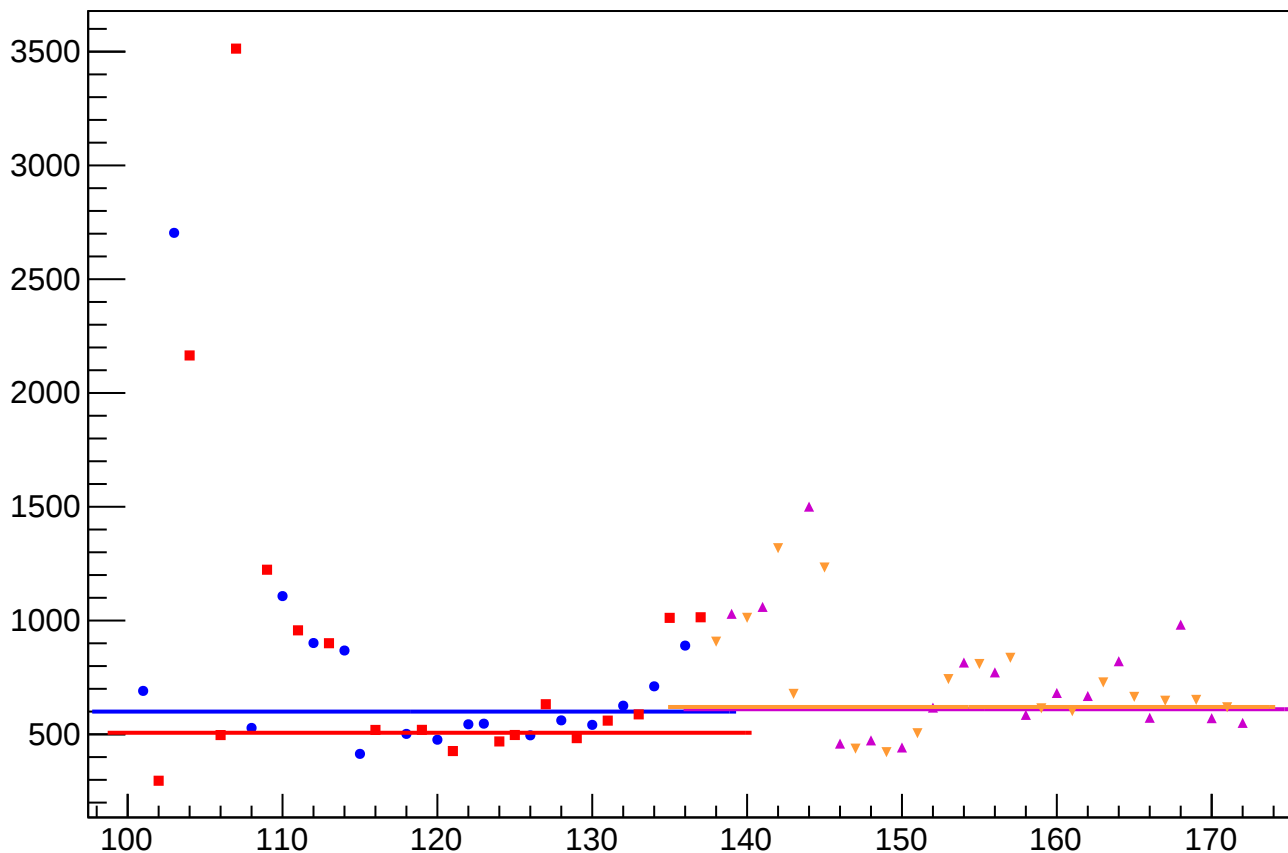
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -50.147 ± 142.711 $\chi^2/\text{NDF}: 28.0/33$

Out: -222.445 ± 136.309 $\chi^2/\text{NDF}: 50.4/35$

All: -140.247 ± 98.571 $\chi^2/\text{NDF}: 79.1/69$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 620.212 $\pm$ 0.124 χ^2 /NDF:1959056.8/17

Right Out: 506.876 $\pm$ 0.152 χ^2 /NDF: 2760863.3/17

Left In: 610.304 $\pm$ 0.124 χ^2 /NDF:2271374.1/16

Left: 615.232 $\pm$ 0.088 χ^2 /NDF: 4233619.9/34

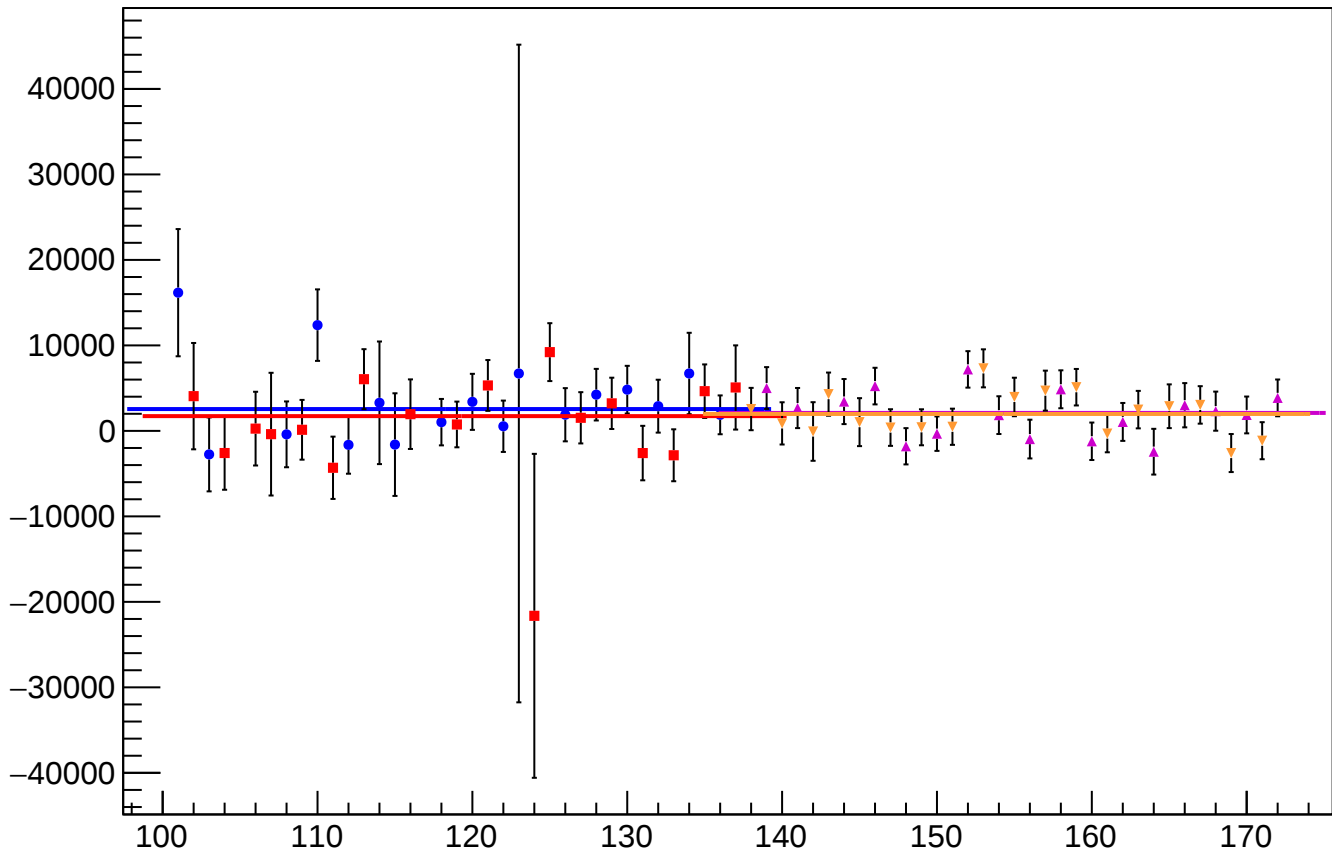
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 606.838 $\pm$ 0.101 χ^2 /NDF:3654766.8/33

Out: 574.919 $\pm$ 0.096 χ^2 /NDF:5051656.9/35

All: 590.147 $\pm$ 0.070 χ^2 /NDF: 8758740.1/69

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1979.705 $\pm$ 545.810 χ^2 /NDF:21.0/17

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

Left In: 2100.571 $\pm$ 548.349 χ^2 /NDF:24.0/16

Left: 2039.857 $\pm$ 386.841 χ^2 /NDF: 45.1/34

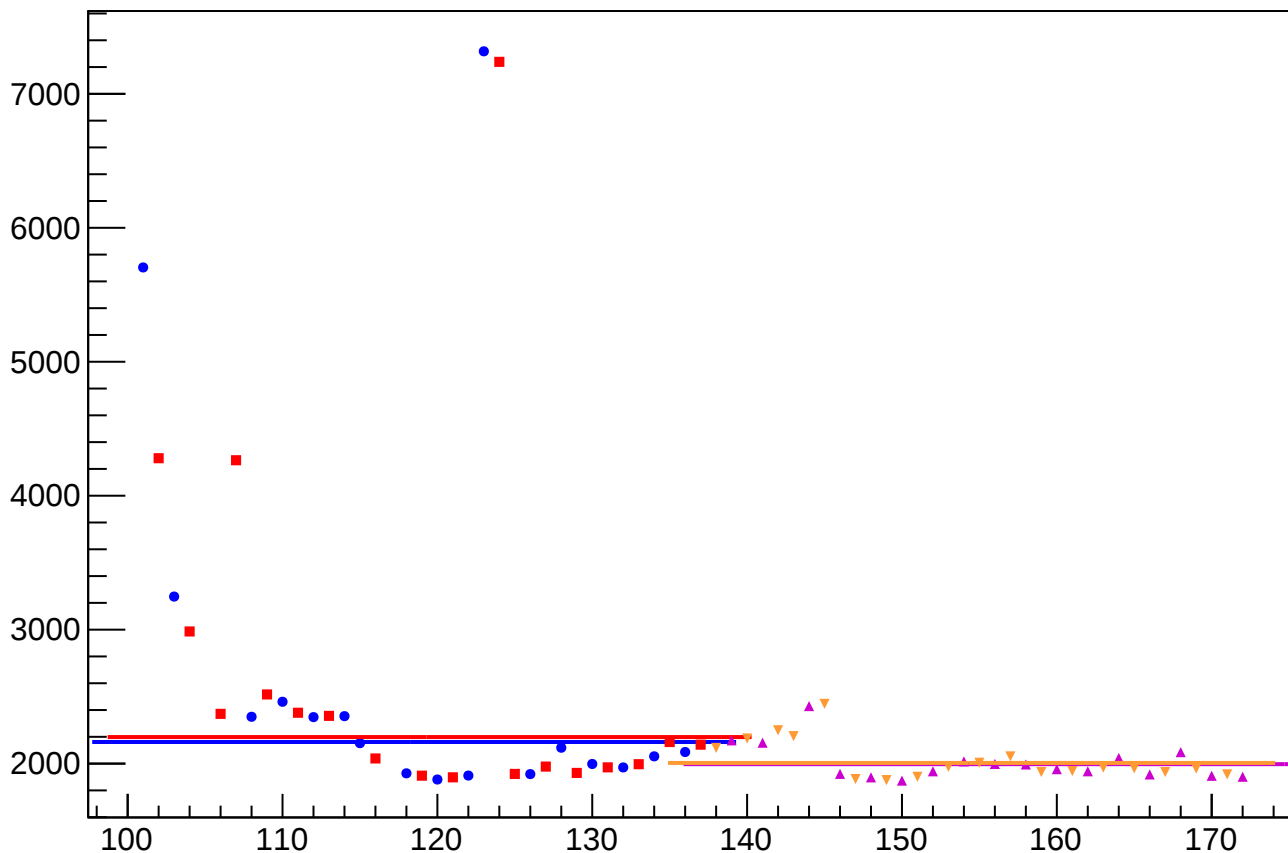
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2231.752 $\pm$ 462.188 χ^2 /NDF:39.9/33

Out: 1906.580 $\pm$ 460.085 χ^2 /NDF:40.6/35

All: 2068.424 $\pm$ 326.070 χ^2 /NDF: 80.8/69

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2005.001+/-0.386 χ^2/NDF : 117153.0/17

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

Left In: 1995.960+/-0.388 χ^2/NDF : 103619.6/16

Left: 2000.501+/-0.274 χ^2/NDF : 221045.7/34

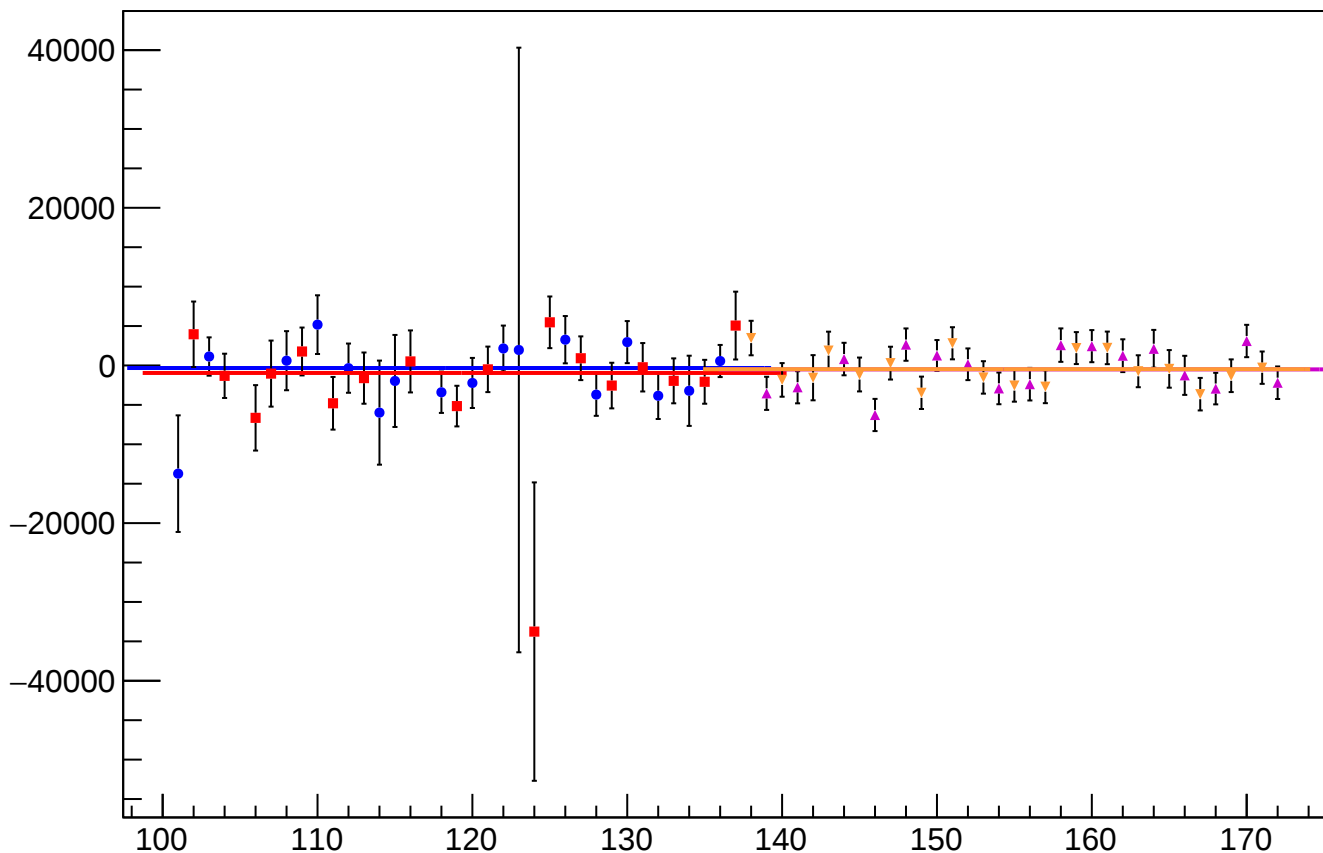
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2043.871+/-0.327 χ^2/NDF : 867601.1/33

Out: 2060.919+/-0.325 χ^2/NDF : 923550.2/35

All: 2052.434+/-0.231 χ^2/NDF : 1792518.1/69

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -473.090+/-502.856 χ^2 /NDF:18.2/17

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

Left In: -498.154+/-504.829 χ^2 /NDF:28.7/16

Left: -485.573+/-356.268 χ^2 /NDF: 46.9/34

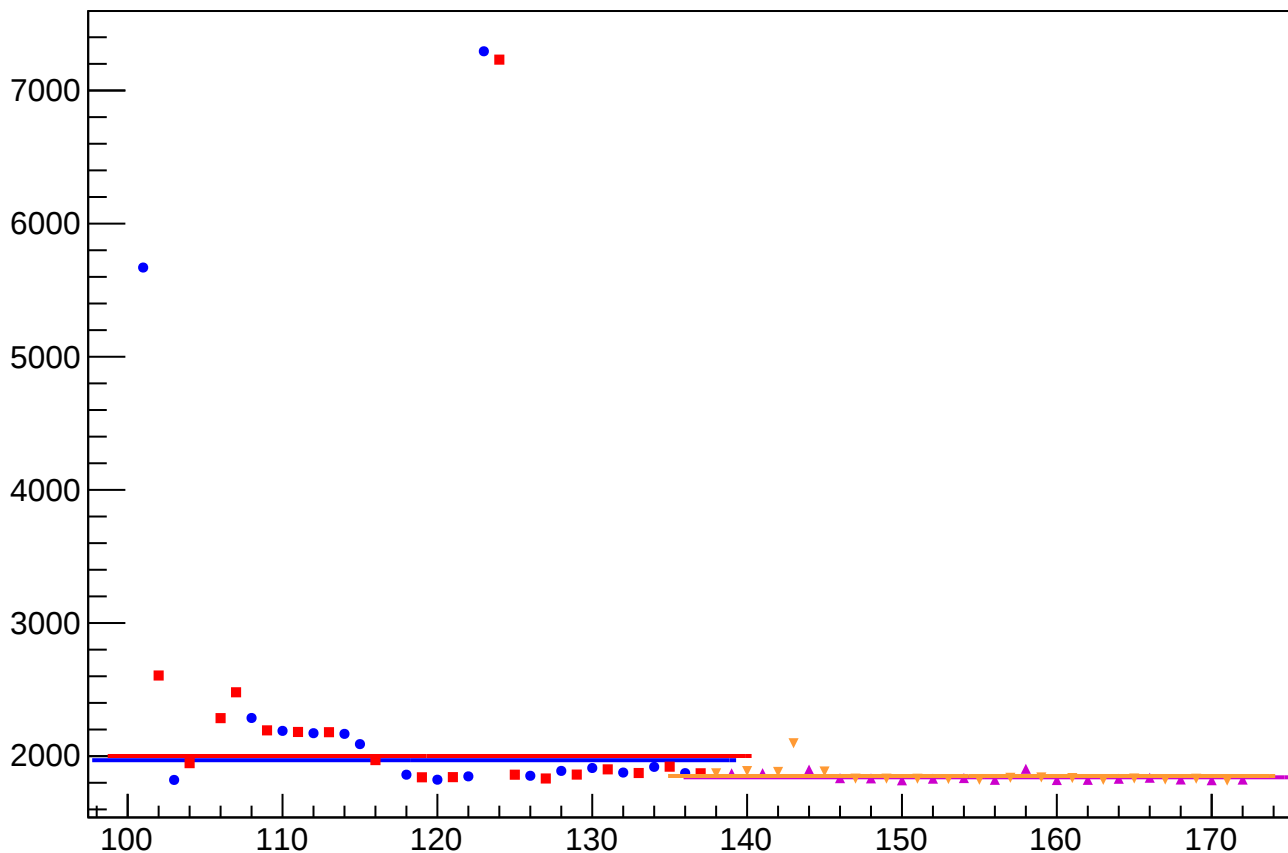
Right: -641.256+/-547.905 χ^2 /NDF: 34.3/34

In: -446.616+/-423.730 χ^2 /NDF:44.5/33

Out: -615.991+/-421.073 χ^2 /NDF:36.6/35

All: -531.836+/-298.679 χ^2 /NDF: 81.2/69

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494 ± 0.551 $\chi^2/\text{NDF}: 602810.5/16$

Left Out: 1850.992 ± 0.356 $\chi^2/\text{NDF}: 25567.7/17$

Right Out: 2001.177 ± 0.545 $\chi^2/\text{NDF}: 290624.5/17$

Left In: 1841.087 ± 0.357 $\chi^2/\text{NDF}: 5743.5/16$

Left: 1846.059 ± 0.252 $\chi^2/\text{NDF}: 31697.7/34$

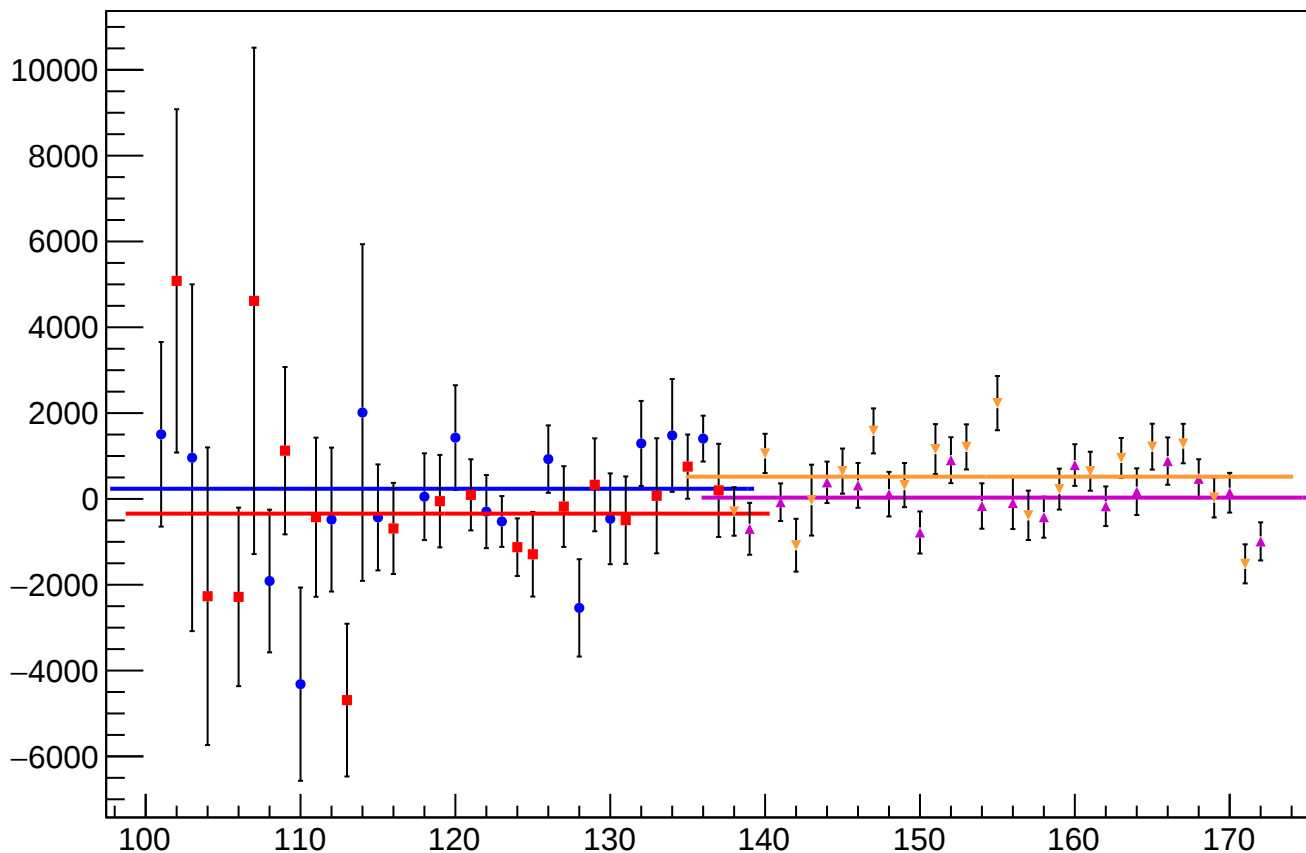
Right: 1985.524 ± 0.387 $\chi^2/\text{NDF}: 895106.7/34$

In: 1879.029 ± 0.300 $\chi^2/\text{NDF}: 646788.9/33$

Out: 1895.871 ± 0.298 $\chi^2/\text{NDF}: 369502.6/35$

All: 1887.503 ± 0.211 $\chi^2/\text{NDF}: 1017881.3/69$

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 518.206 $\pm$ 122.443 χ^2 /NDF:54.6/17

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

Left In: 30.127 $\pm$ 121.204 χ^2 /NDF:20.2/16

Left: 271.685 $\pm$ 86.139 χ^2 /NDF: 82.9/34

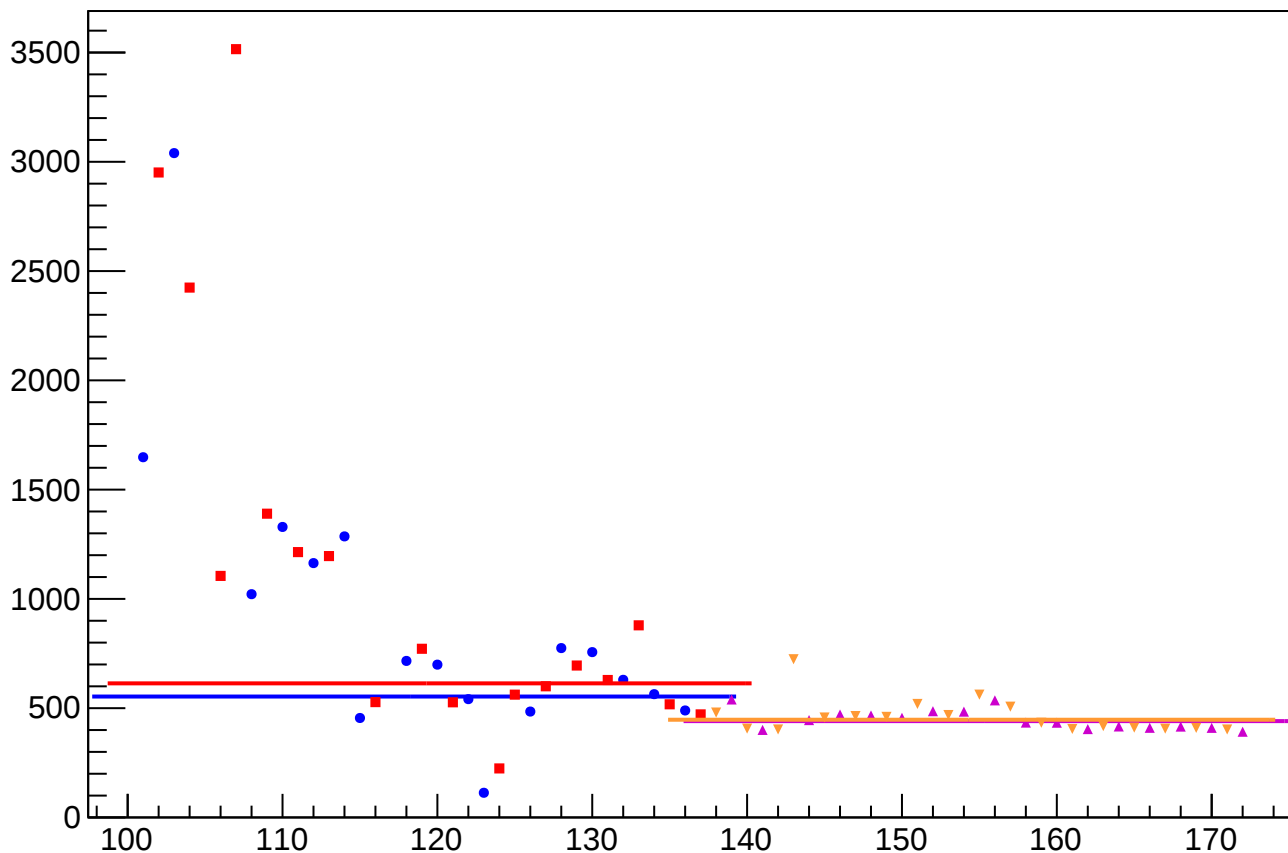
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 69.830 $\pm$ 108.946 χ^2 /NDF:44.6/33

Out: 370.051 $\pm$ 111.411 χ^2 /NDF:79.0/35

All: 216.582 $\pm$ 77.893 χ^2 /NDF: 127.4/69

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 447.105+/-0.087 χ^2/NDF : 467183.9/17

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

Left In: 440.790+/-0.086 χ^2/NDF : 223076.8/16

Left: 443.915+/-0.061 χ^2/NDF : 692947.5/34

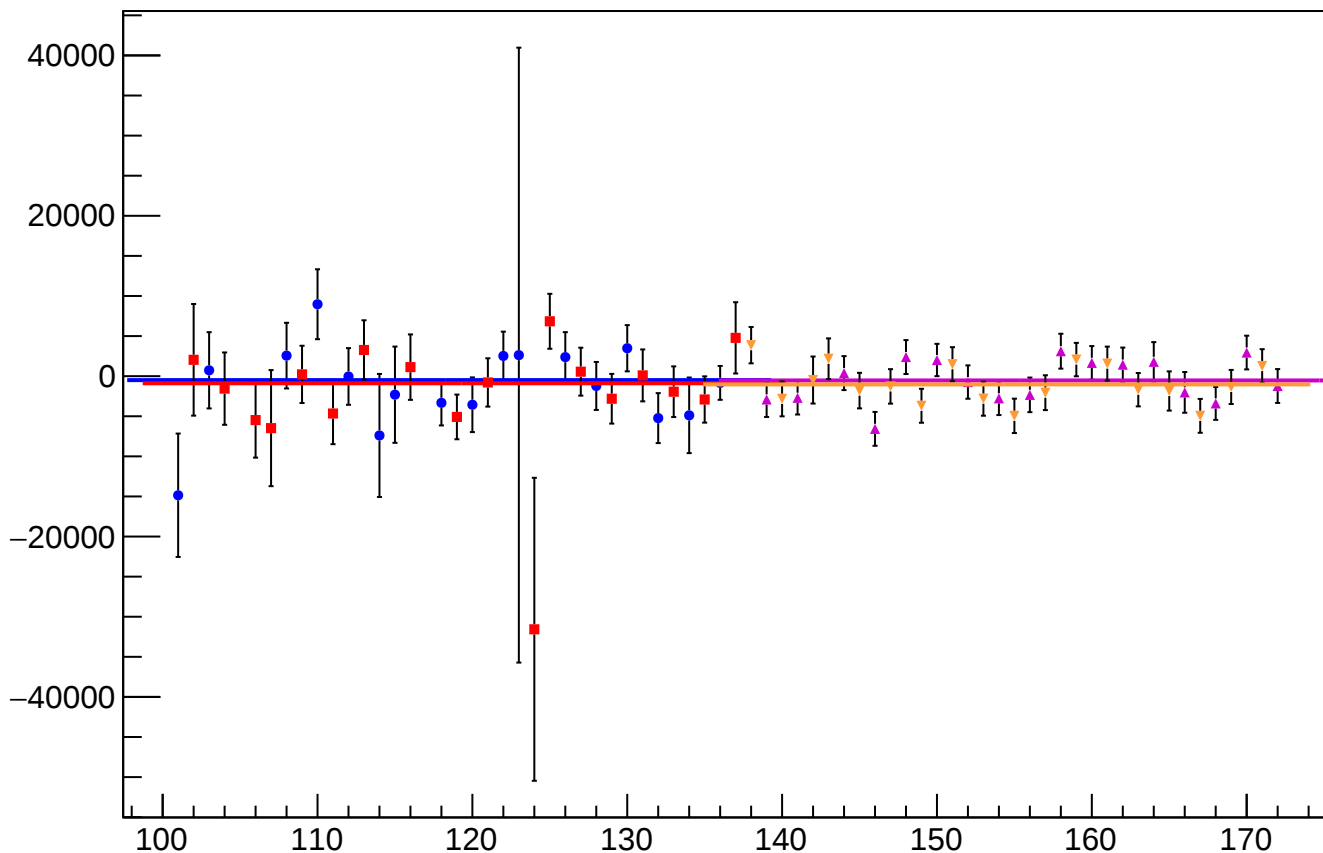
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 462.393+/-0.077 χ^2/NDF : 3966671.7/33

Out: 475.750+/-0.079 χ^2/NDF : 4579707.3/35

All: 468.922+/-0.055 χ^2/NDF : 8561073.7/69

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1027.397+/-518.801 χ^2 /NDF: 22.9/17

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

Left In: -532.918+/-519.801 χ^2 /NDF: 26.8/16

Left: -780.634+/-367.201 χ^2 /NDF: 50.2/34

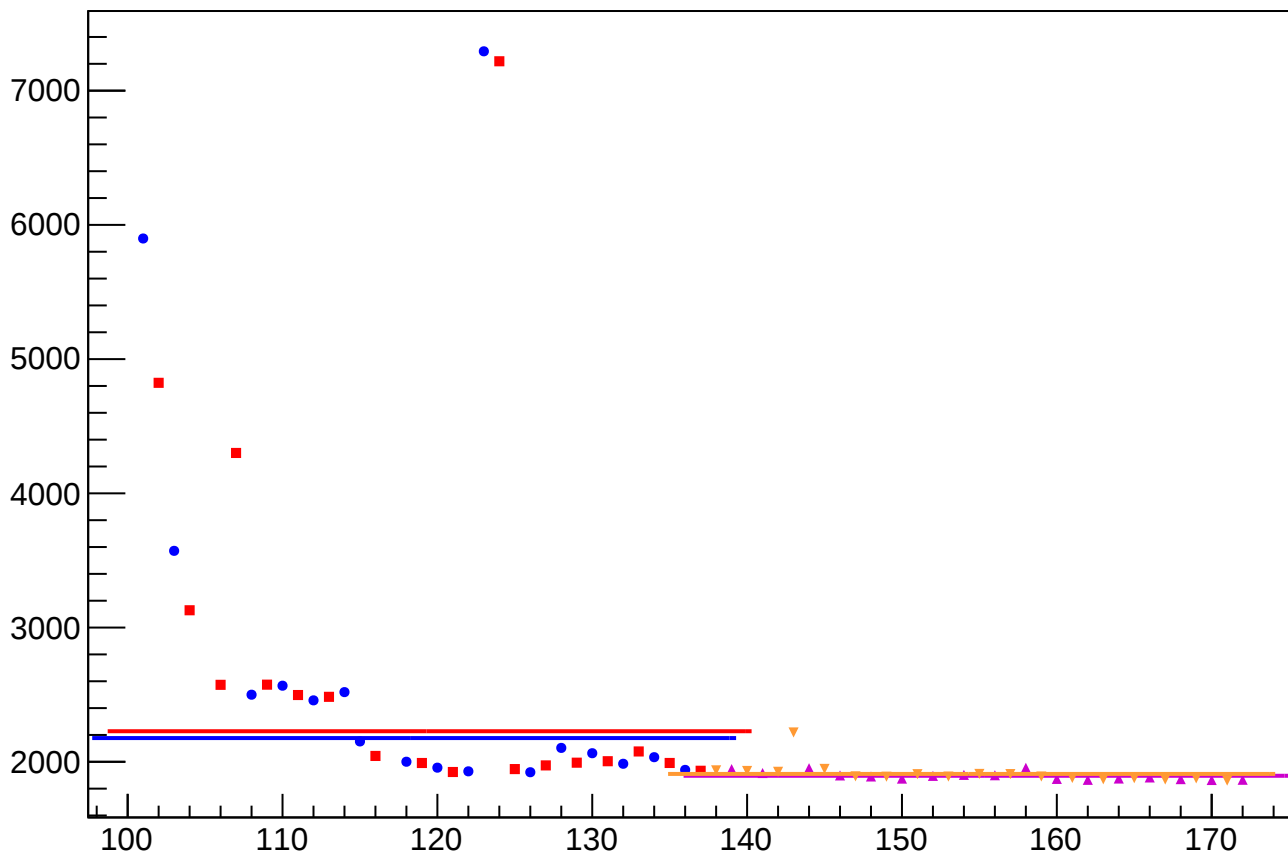
Right: -688.036+/-614.167 χ^2 /NDF: 35.9/34

In: -522.101+/-445.950 χ^2 /NDF: 45.3/33

Out: -989.898+/-445.473 χ^2 /NDF: 40.2/35

All: -756.250+/-315.166 χ^2 /NDF: 86.1/69

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1909.546 $\pm$ 0.367 χ^2 /NDF: 35245.5/17

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

Left In: 1895.831 $\pm$ 0.368 χ^2 /NDF: 6378.6/16

Left: 1902.702 $\pm$ 0.260 χ^2 /NDF: 42321.7/34

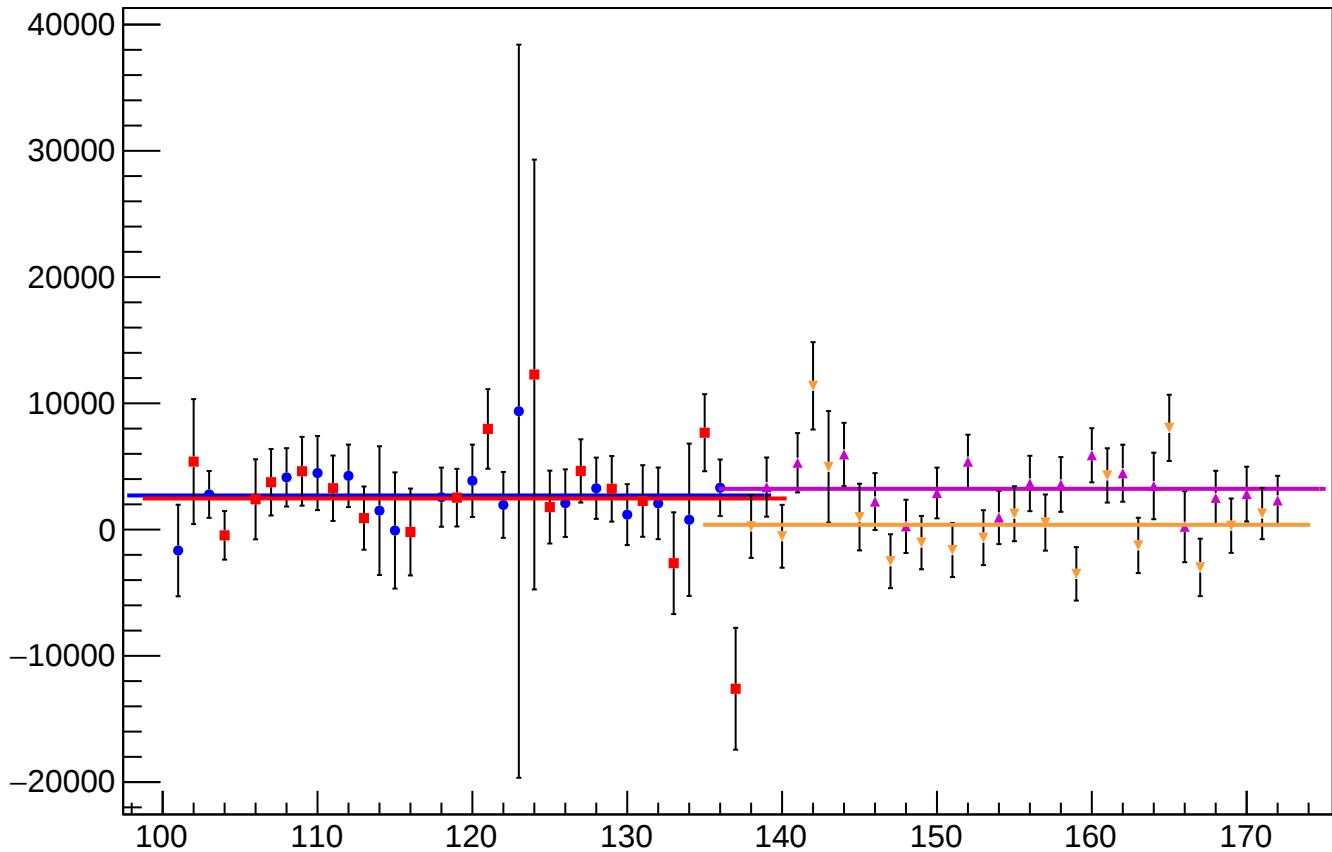
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1969.982 $\pm$ 0.315 χ^2 /NDF: 963245.5/33

Out: 1993.123 $\pm$ 0.315 χ^2 /NDF: 1058488.1/35

All: 1981.565 $\pm$ 0.223 χ^2 /NDF: 2024429.2/69

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 378.137 $\pm$ 547.852 χ^2/NDF :33.1/17

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

Left In: 3227.296 $\pm$ 539.632 χ^2/NDF :9.8/16

Left: 1824.251 $\pm$ 384.451 χ^2/NDF : 56.6/34

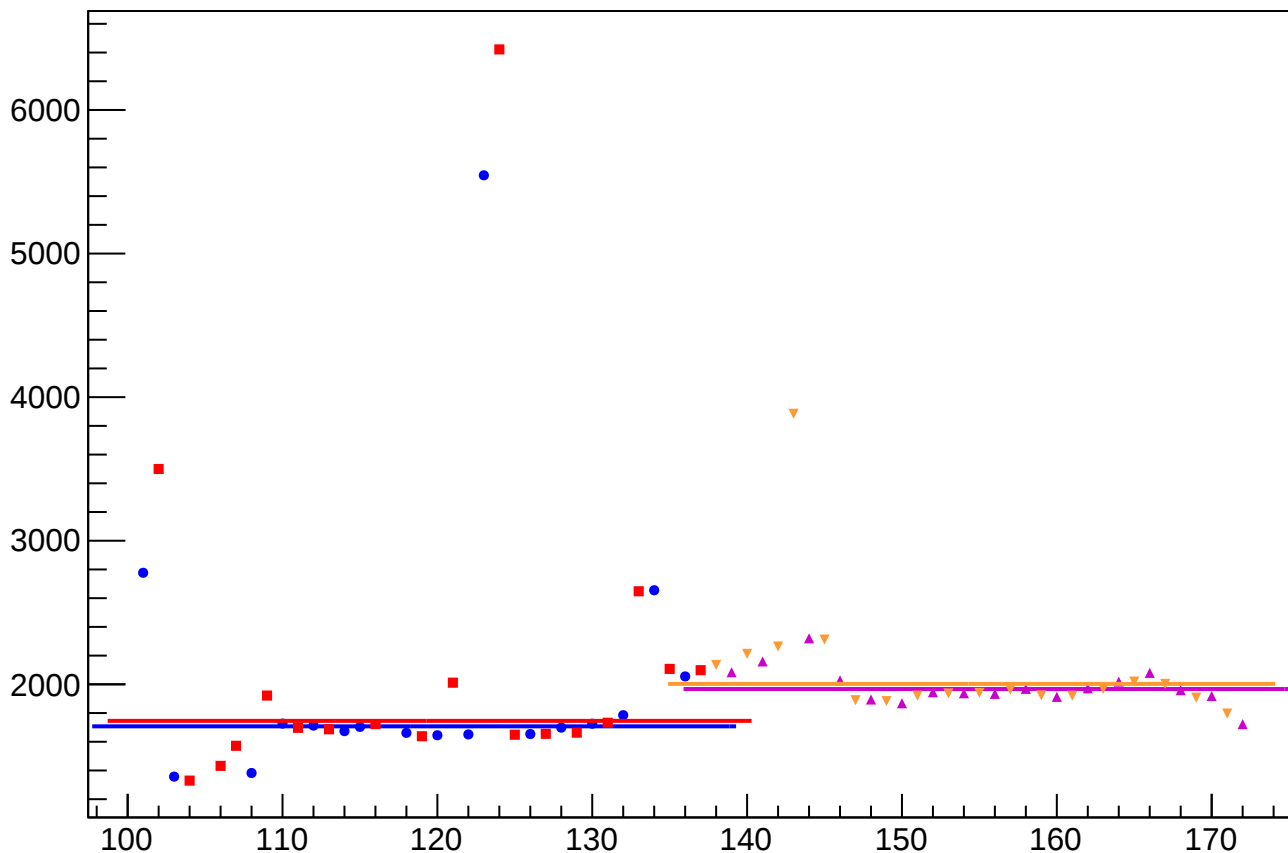
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

In: 3022.654 $\pm$ 421.225 χ^2/NDF :14.2/33

Out: 1194.595 $\pm$ 427.425 χ^2/NDF :62.0/35

All: 2121.977 $\pm$ 300.019 χ^2/NDF : 85.4/69

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2003.210+/-0.387 χ^2/NDF : 470849.3/17

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

Left In: 1967.229+/-0.382 χ^2/NDF : 105529.1/16

Left: 1984.948+/-0.272 χ^2/NDF : 580757.1/34

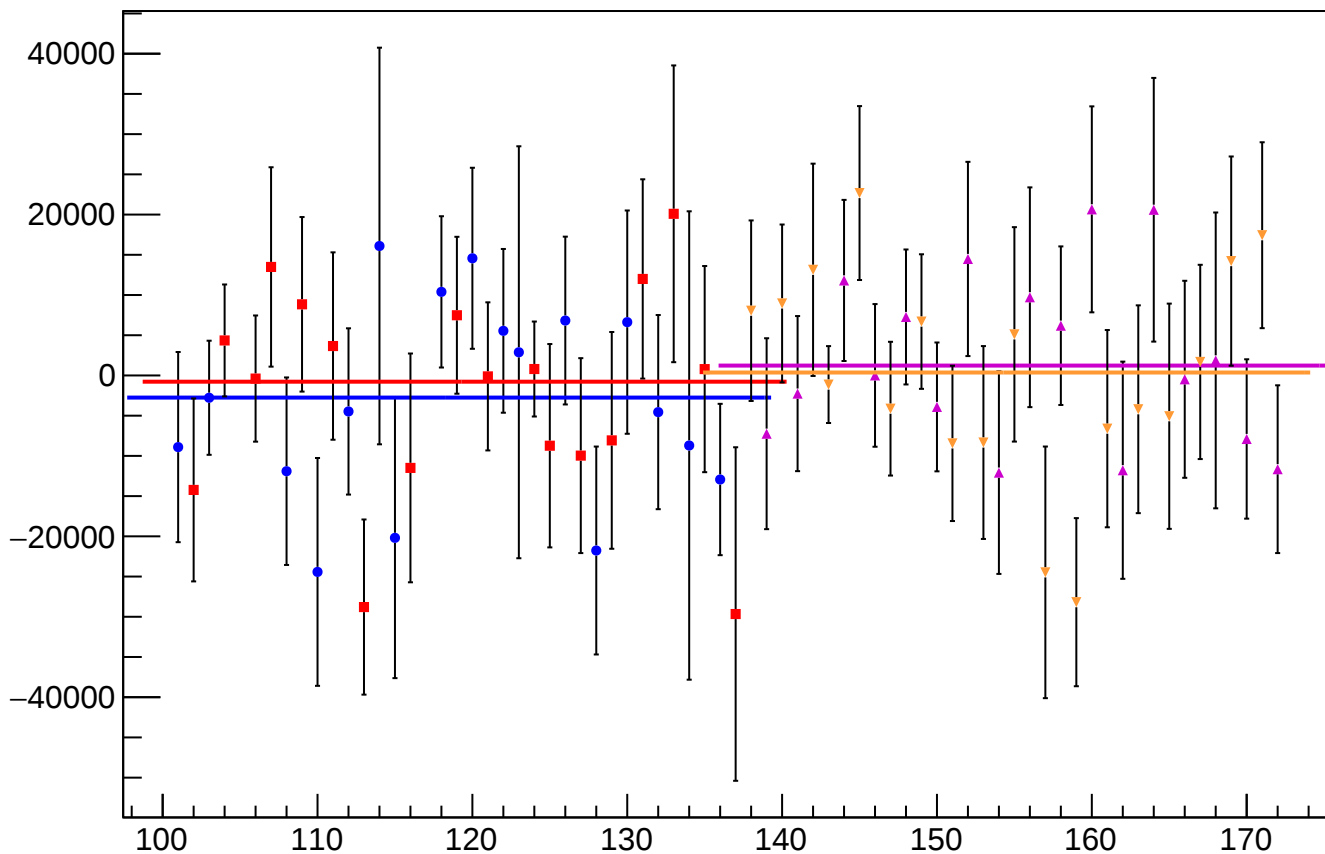
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1865.709+/-0.298 χ^2/NDF : 708870.3/33

Out: 1902.351+/-0.302 χ^2/NDF : 1343258.3/35

All: 1883.764+/-0.212 χ^2/NDF : 2059585.8/69

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2/NDF : 14.6/16

Left Out: 365.987 $\pm$ 2358.931 χ^2/NDF : 22.8/17

Right Out: -774.921 $\pm$ 2440.788 χ^2/NDF : 17.7/17

Left In: 1227.712 $\pm$ 2639.971 χ^2/NDF : 12.7/16

Left: 748.556 $\pm$ 1759.015 χ^2/NDF : 35.5/34

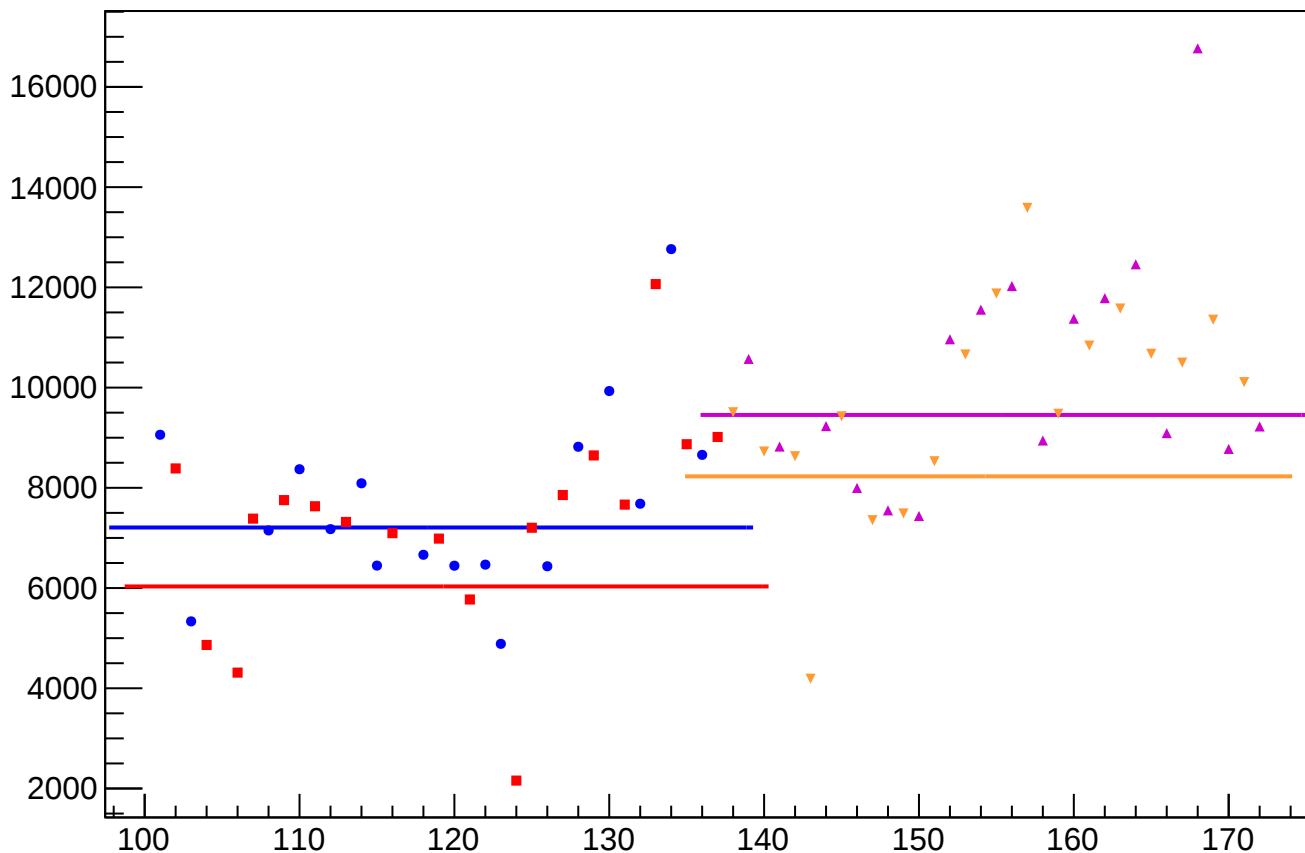
Right: -1613.491 $\pm$ 1851.753 χ^2/NDF : 32.6/34

In: -614.809 $\pm$ 1934.350 χ^2/NDF : 28.3/33

Out: -185.015 $\pm$ 1696.217 χ^2/NDF : 40.7/35

All: -371.842 $\pm$ 1275.336 χ^2/NDF : 69.0/69

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8228.817+/-1.668 χ^2/NDF : 2545174.1/17

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

Left In: 9454.232+/-1.867 χ^2/NDF : 974676.2/16

Left: 8772.849+/-1.244 χ^2/NDF : 3759461.0/34

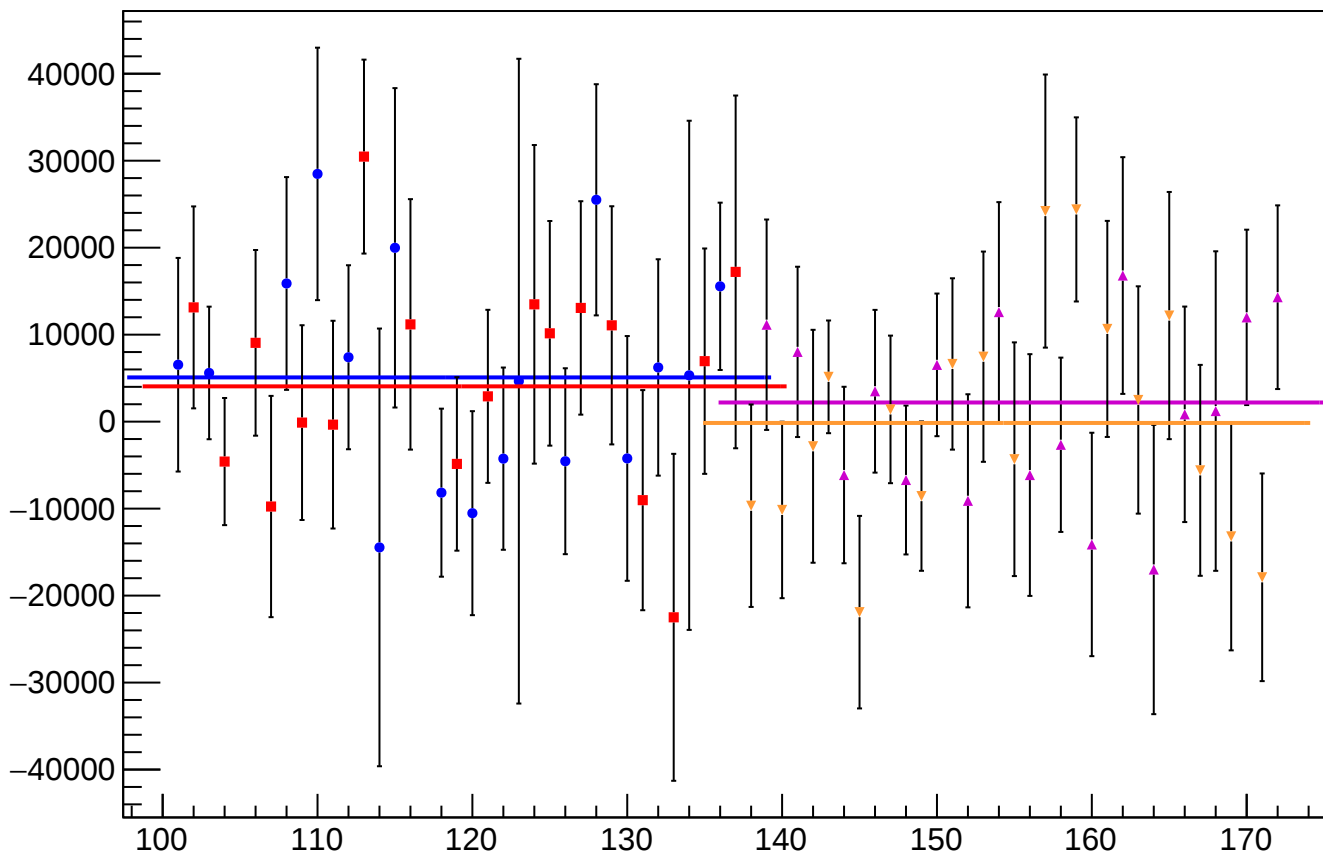
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8414.102+/-1.368 χ^2/NDF : 2138784.4/33

Out: 7167.956+/-1.199 χ^2/NDF : 5180293.0/35

All: 7709.643+/-0.902 χ^2/NDF : 7788305.8/69

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2/NDF : 14.0/16

Left Out: -151.028 $\pm$ 2542.254 χ^2/NDF :20.9/17

Right Out: 4055.589 $\pm$ 2800.076 χ^2/NDF : 15.2/17

Left In: 2201.009 $\pm$ 2688.423 χ^2/NDF :11.4/16

Left: 959.315 $\pm$ 1847.159 χ^2/NDF : 32.8/34

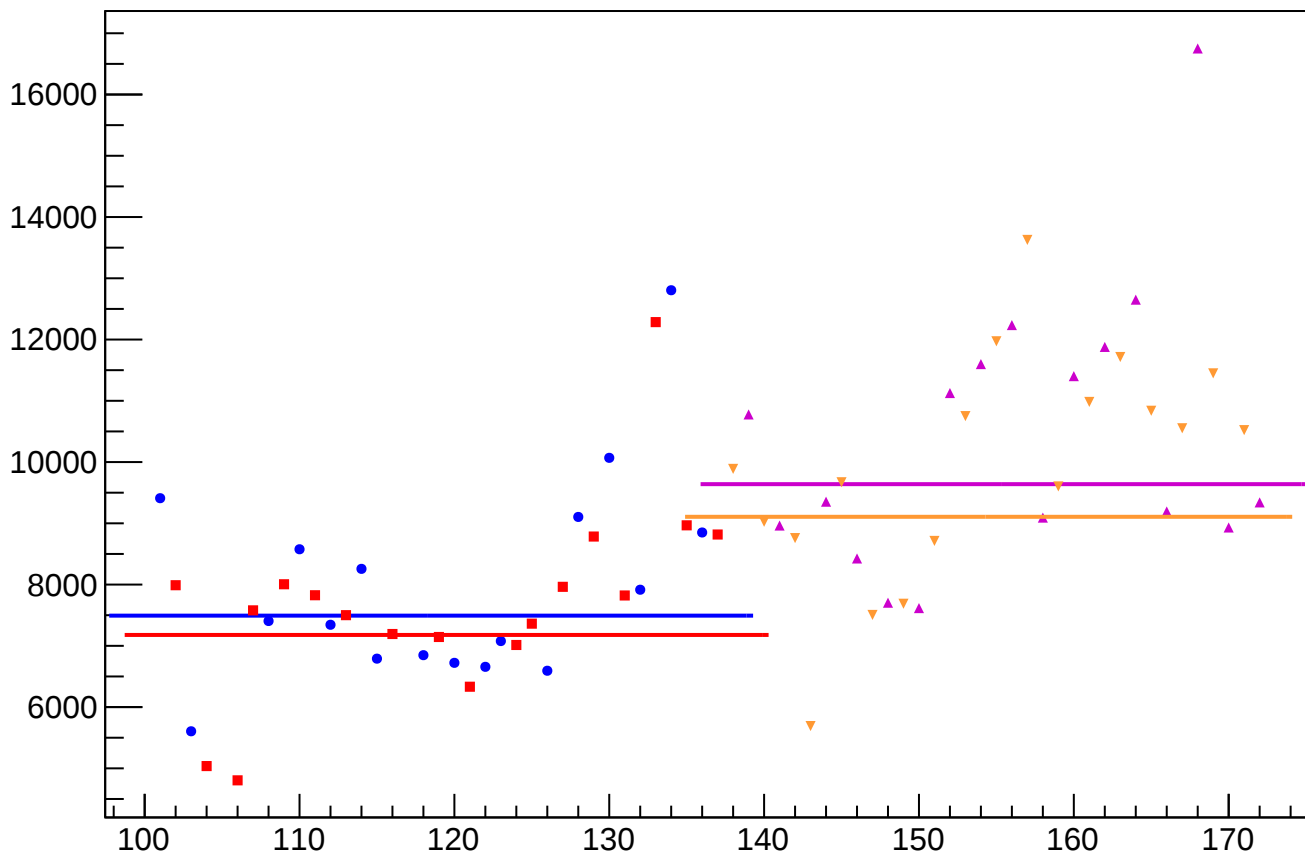
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 3506.790 $\pm$ 1988.657 χ^2/NDF :25.9/33

Out: 1749.741 $\pm$ 1882.209 χ^2/NDF :37.3/35

All: 2579.984 $\pm$ 1367.006 χ^2/NDF : 63.7/69

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9106.470 $\pm$ 1.798 χ^2/NDF :1274303.7/17

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

Left In: 9639.336 $\pm$ 1.901 χ^2/NDF :911177.2/16

Left: 9358.024 $\pm$ -1.306 χ^2/NDF : 2226961.2/34

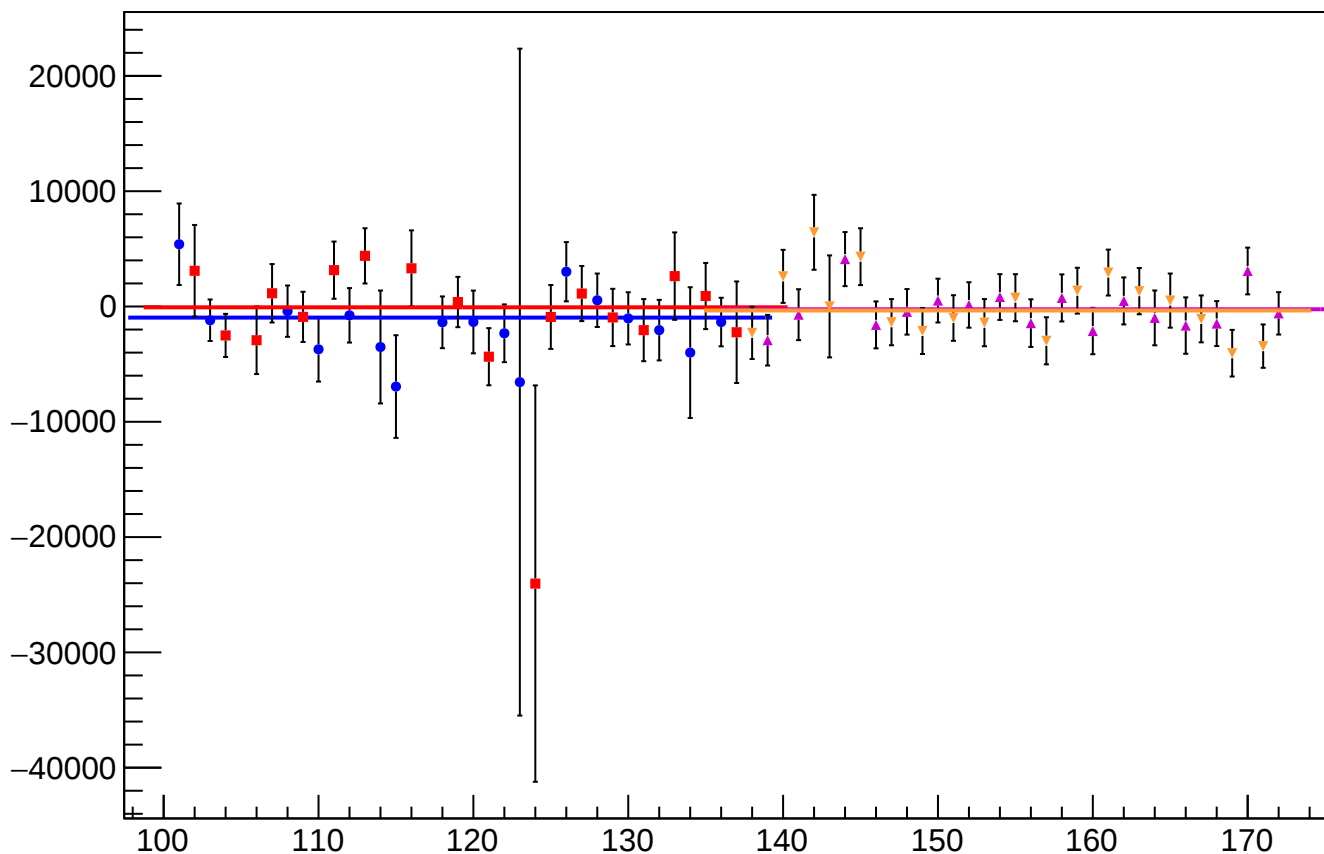
Right: 7326.859 $\pm$ -1.437 χ^2/NDF : 1004970.1/34

In: 8667.352 $\pm$ -1.406 χ^2/NDF :1925570.4/33

Out: 8234.878 $\pm$ -1.331 χ^2/NDF :2350394.1/35

All: 8439.221 $\pm$ -0.967 χ^2/NDF : 4325860.4/69

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 $\pm$ 643.025 χ^2 /NDF: 10.1/16

Left Out: -344.830 $\pm$ 508.121 χ^2 /NDF:24.2/17

Right Out: -71.322 $\pm$ 634.426 χ^2 /NDF: 16.7/17

Left In: -241.131 $\pm$ 500.630 χ^2 /NDF:11.1/16

Left: -292.211 $\pm$ 356.618 χ^2 /NDF: 35.3/34

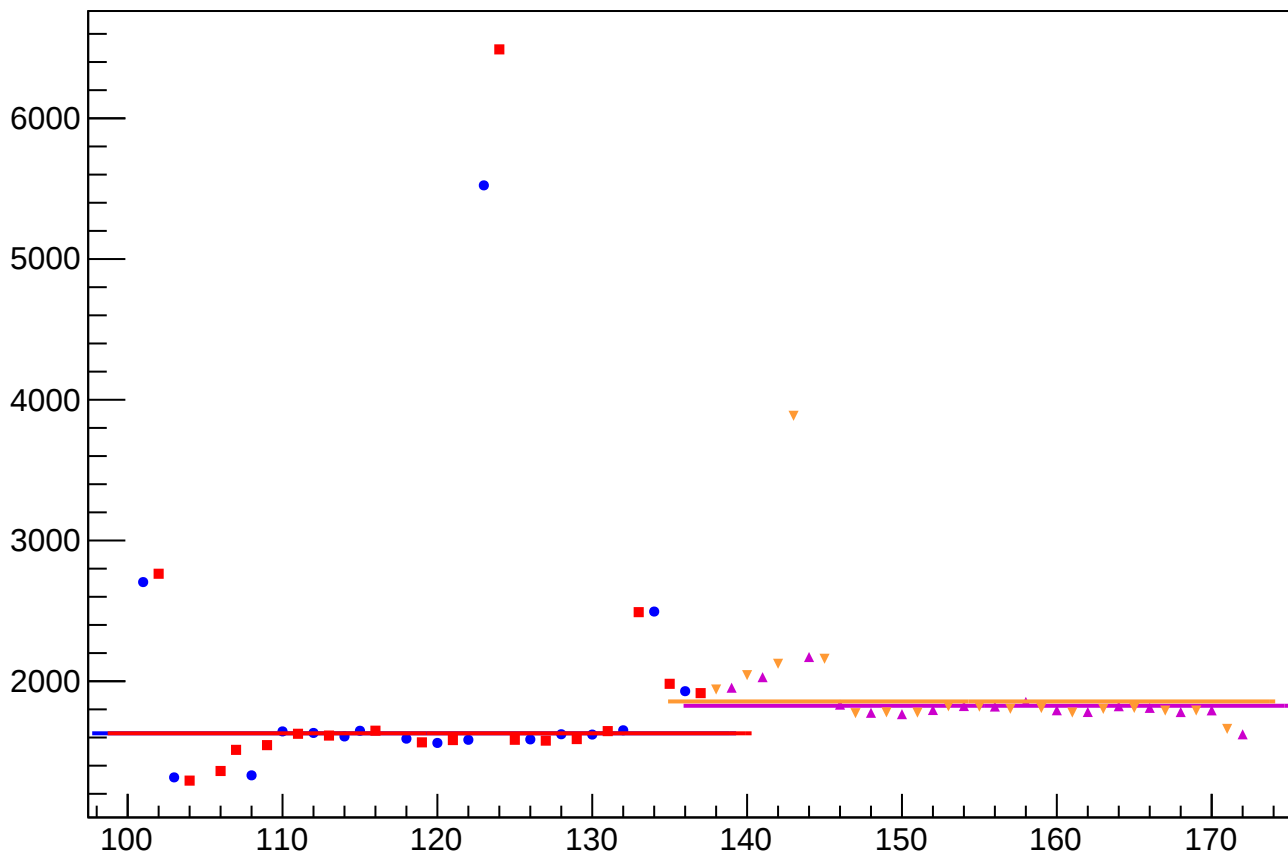
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -513.386 $\pm$ 395.025 χ^2 /NDF:21.9/33

Out: -237.946 $\pm$ 396.599 χ^2 /NDF:41.0/35

All: -376.214 $\pm$ 279.880 χ^2 /NDF: 63.2/69

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1856.394+/-0.359 χ^2/NDF : 525488.9/17

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

Left In: 1825.657+/-0.354 χ^2/NDF : 98995.6/16

Left: 1840.797+/-0.252 χ^2/NDF : 628197.9/34

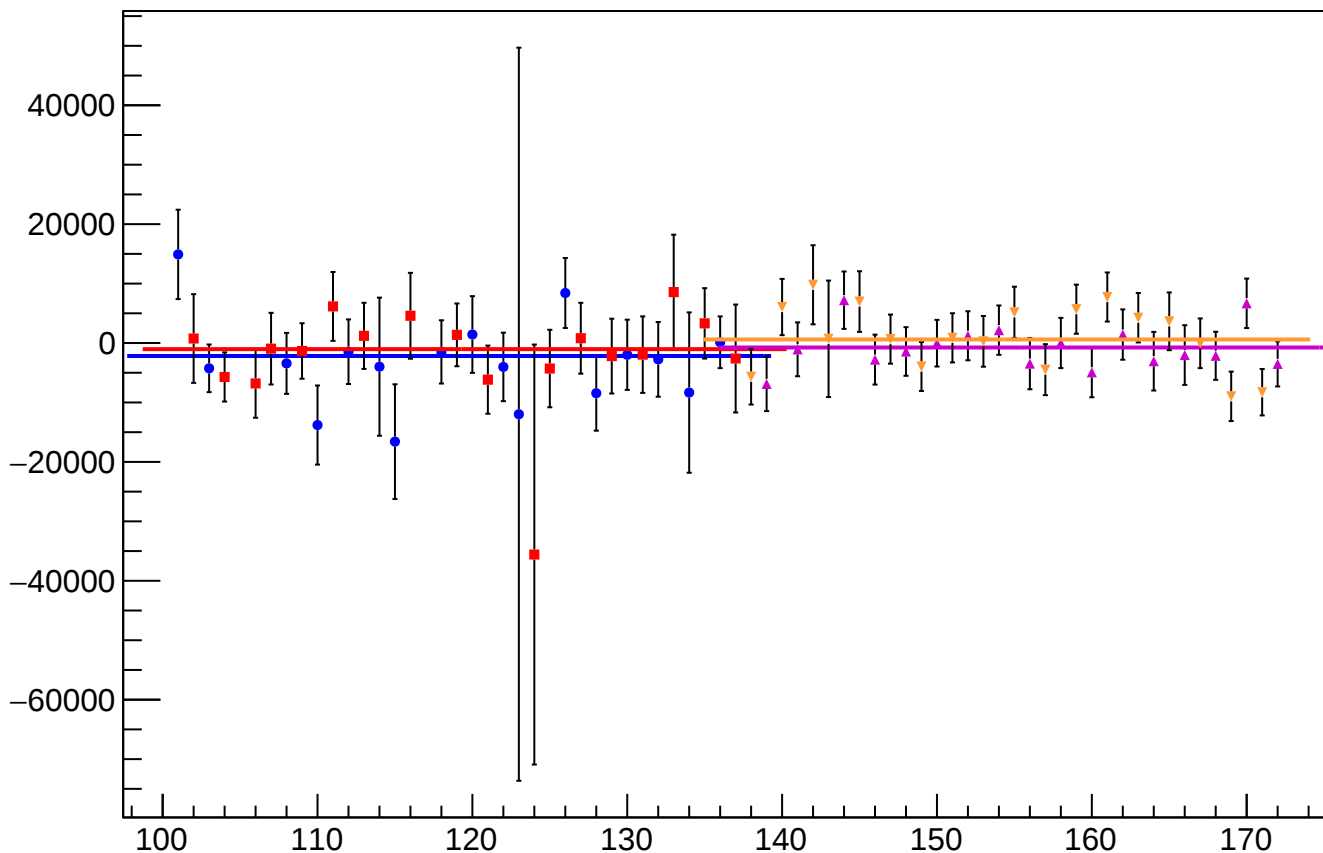
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1751.800+/-0.279 χ^2/NDF : 622489.1/33

Out: 1767.899+/-0.280 χ^2/NDF : 1238182.2/35

All: 1759.818+/-0.198 χ^2/NDF : 1862325.6/69

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 597.909 ± 1054.689 $\chi^2/\text{NDF}: 26.5/17$

Right Out: -1026.991 ± 1442.331 $\chi^2/\text{NDF}: 8.6/17$

Left In: -751.053 ± 1037.367 $\chi^2/\text{NDF}: 11.3/16$

Left: -87.740 ± 739.578 $\chi^2/\text{NDF}: 38.7/34$

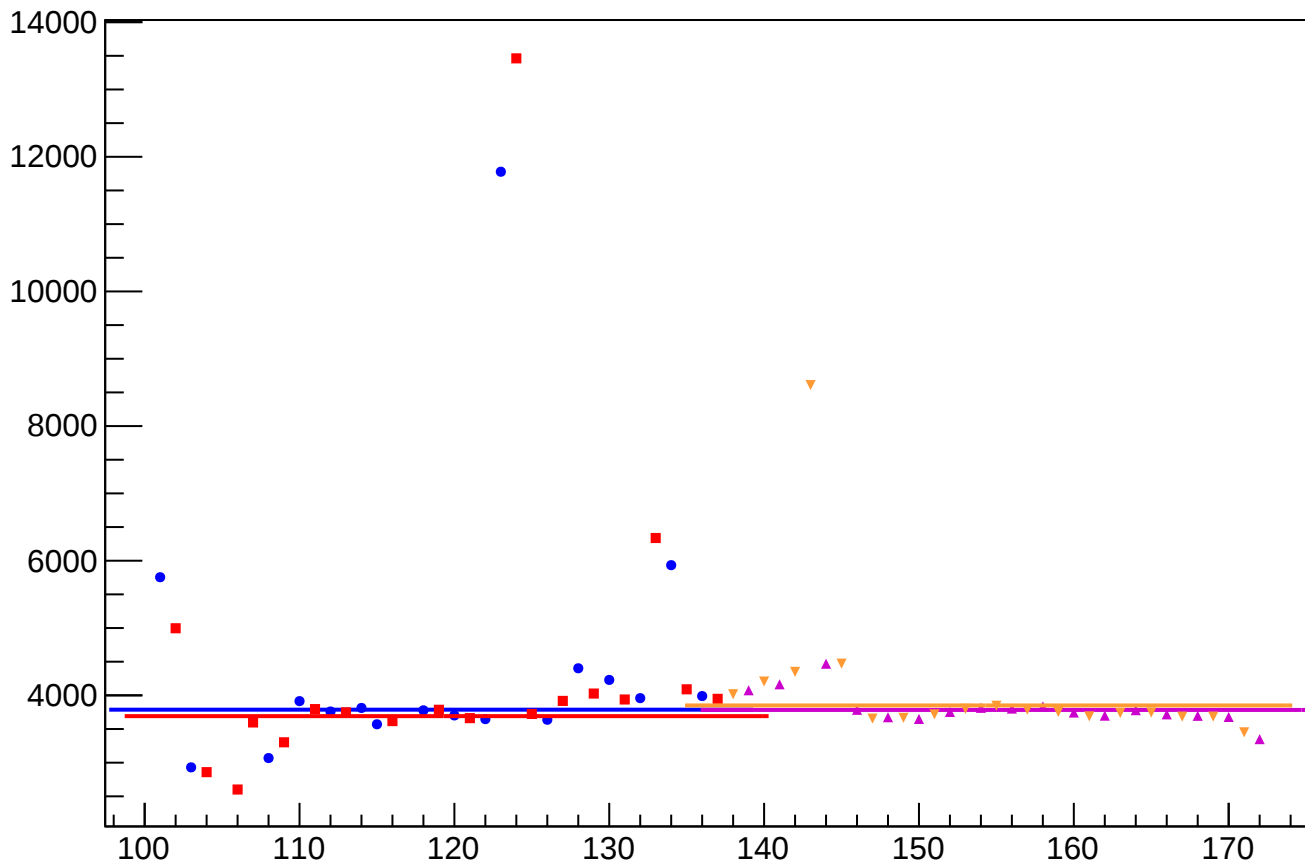
Right: -1583.224 ± 1037.341 $\chi^2/\text{NDF}: 24.9/34$

In: -1216.046 ± 851.917 $\chi^2/\text{NDF}: 27.9/33$

Out: 31.775 ± 851.356 $\chi^2/\text{NDF}: 35.9/35$

All: -591.724 ± 602.198 $\chi^2/\text{NDF}: 64.9/69$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3850.291+/-0.746 χ^2/NDF : 571635.0/17

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

Left In: 3783.278+/-0.734 χ^2/NDF : 96732.1/16

Left: 3816.230+/-0.523 χ^2/NDF : 672471.2/34

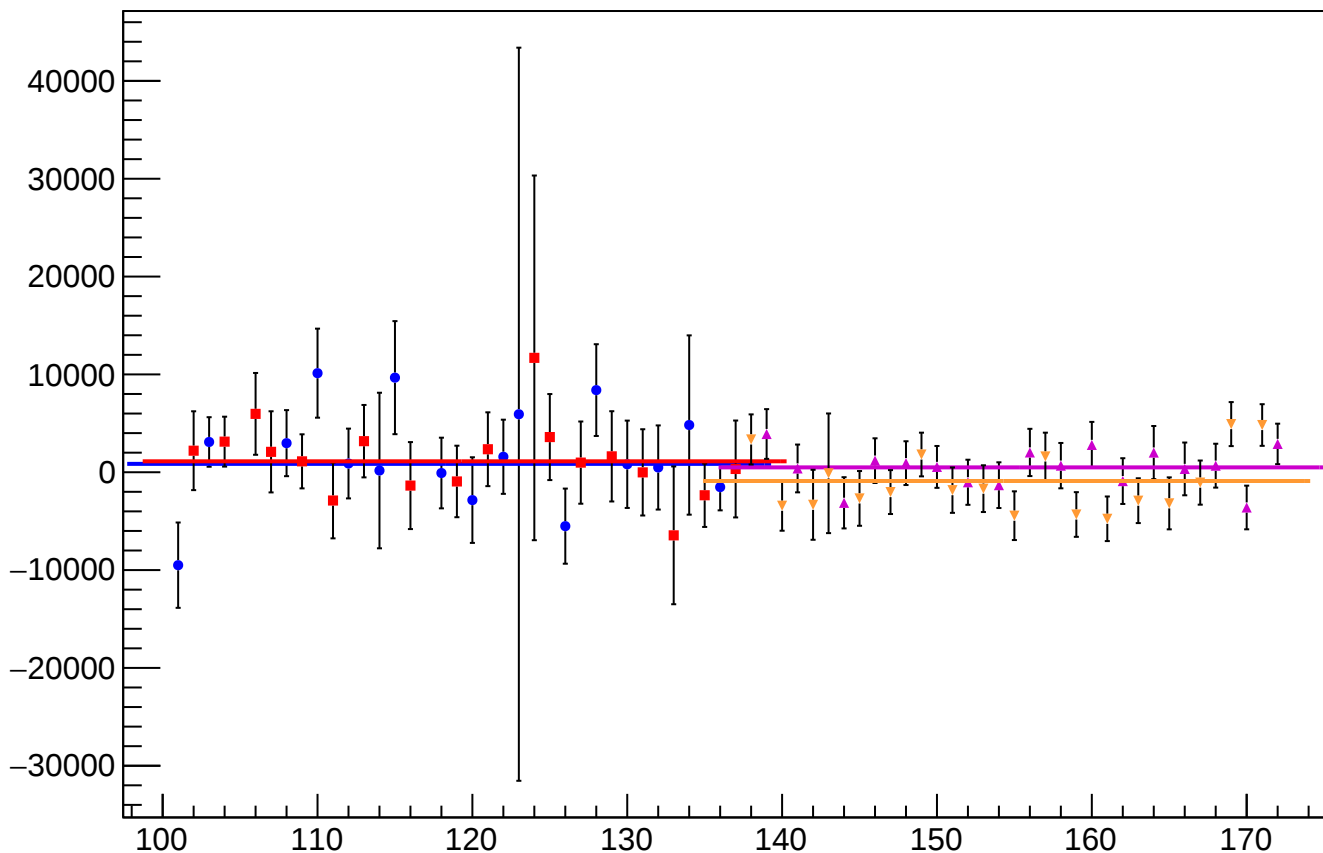
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3784.588+/-0.602 χ^2/NDF : 489392.7/33

Out: 3794.876+/-0.602 χ^2/NDF : 1142638.5/35

All: 3789.735+/-0.426 χ^2/NDF : 1632177.2/69

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -895.119+/-581.178 χ^2/NDF :30.3/17

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

Left In: 496.977+/-570.034 χ^2/NDF :11.6/16

Left: -185.596+/-406.958 χ^2/NDF : 44.8/34

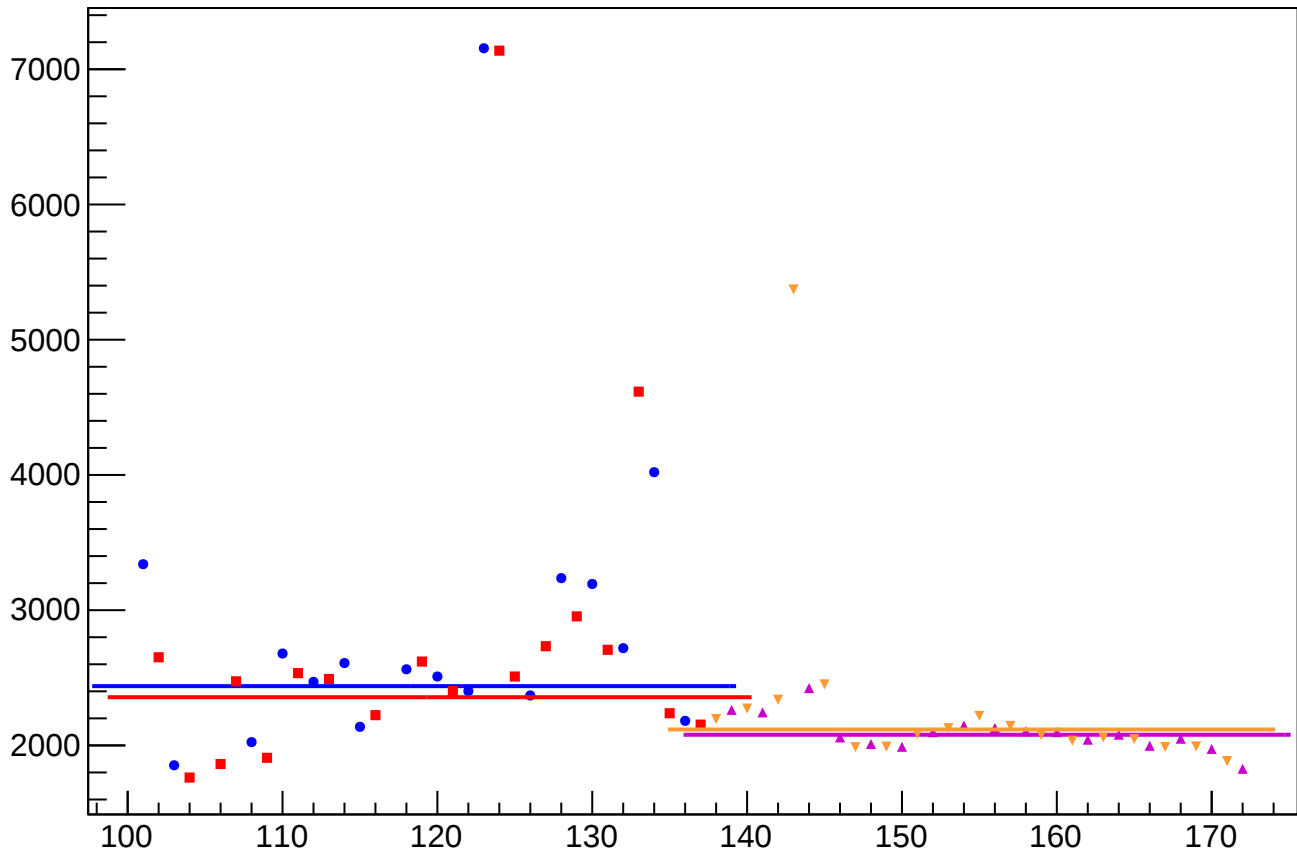
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 589.933+/-490.767 χ^2/NDF :32.4/33

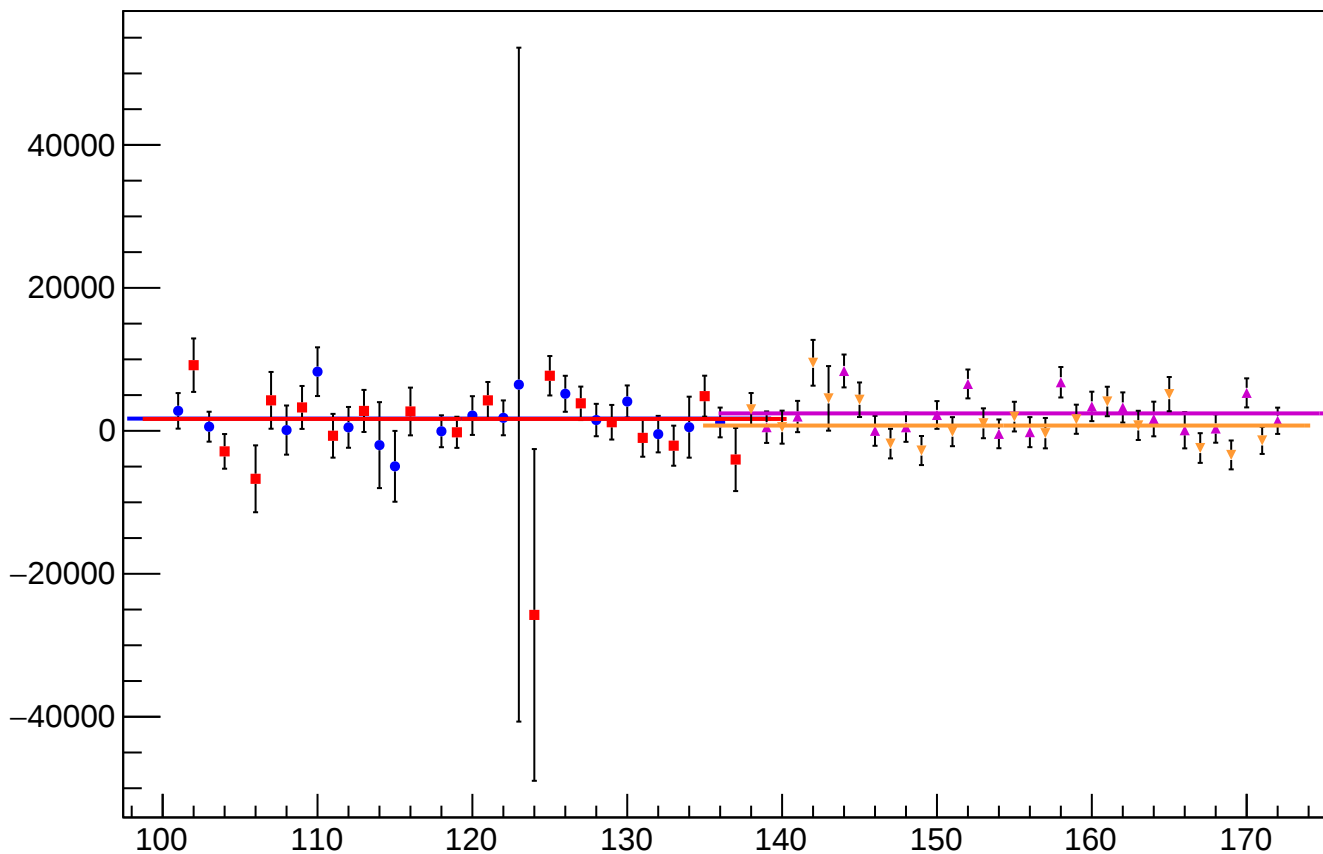
Out: -327.403+/-492.436 χ^2/NDF :40.9/35

All: 132.822+/-347.613 χ^2/NDF : 75.0/69

asym_at2_dd_rms vs Slug, Sign Corrected



dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 741.027+/-516.911 χ^2/NDF :30.6/17

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

Left In: 2440.382+/-509.540 χ^2/NDF :26.4/16

Left: 1602.906+/-362.877 χ^2/NDF : 62.5/34

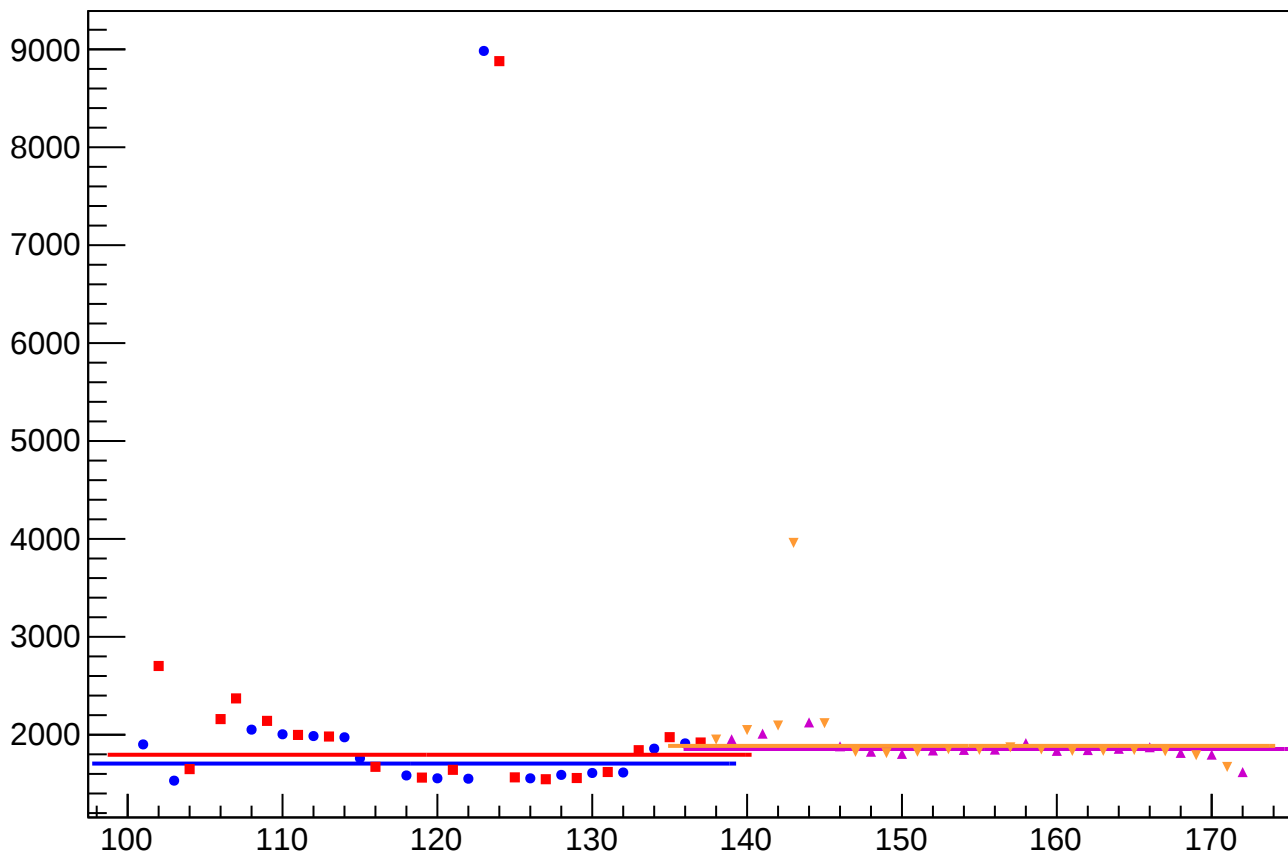
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2172.242+/-404.943 χ^2/NDF :38.5/33

Out: 1069.811+/-414.917 χ^2/NDF :58.6/35

All: 1634.437+/-289.800 χ^2/NDF : 100.7/69

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1886.231+/-0.366 χ^2/NDF : 502118.4/17

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

Left In: 1854.455+/-0.360 χ^2/NDF : 81624.1/16

Left: 1870.115+/-0.257 χ^2/NDF : 587575.8/34

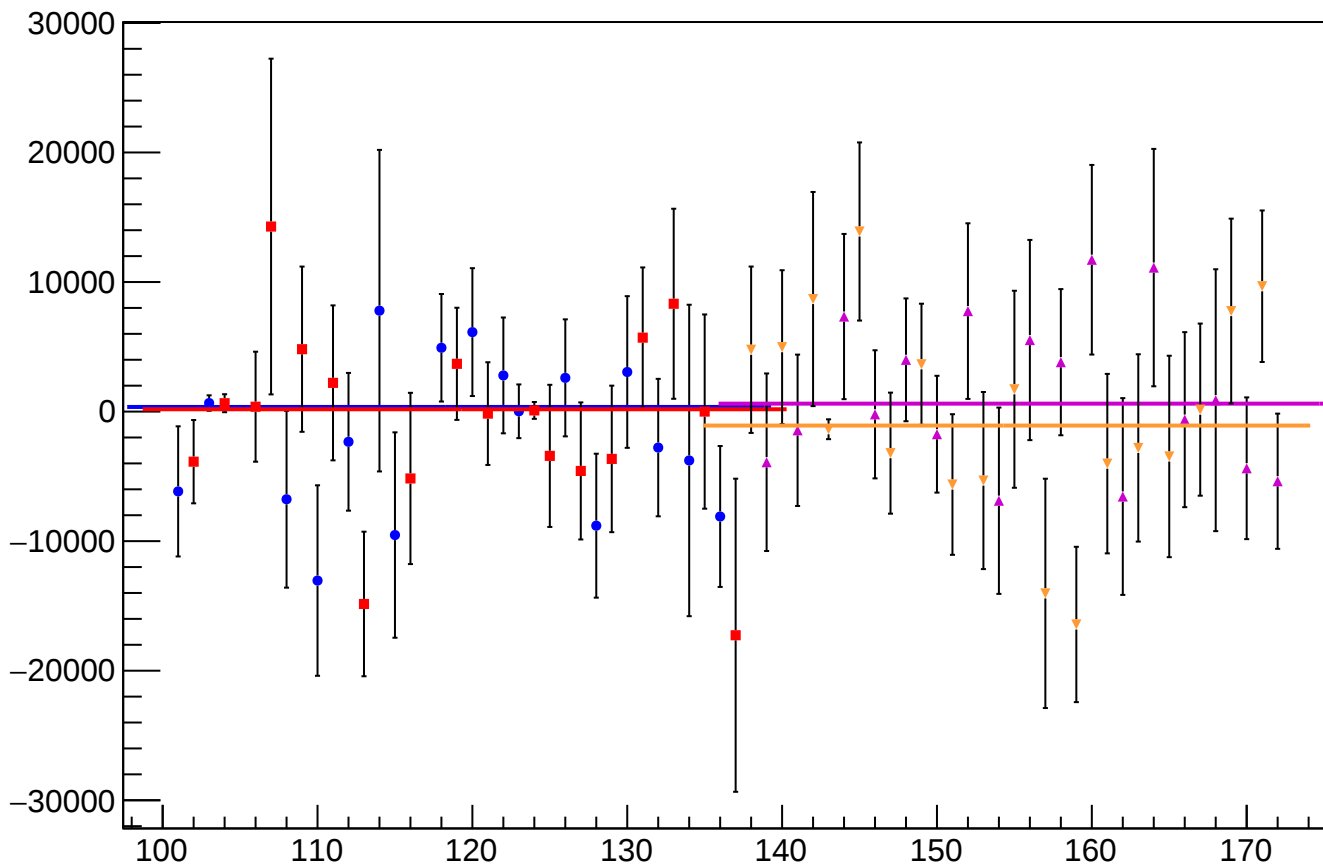
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1799.623+/-0.286 χ^2/NDF : 338661.9/33

Out: 1853.894+/-0.293 χ^2/NDF : 1042866.8/35

All: 1826.119+/-0.205 χ^2/NDF : 1399067.5/69

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1078.011 $\pm$ 685.979 χ^2 /NDF:24.6/17

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

Left In: 612.894 $\pm$ 1492.586 χ^2 /NDF:12.1/16

Left: -783.136 $\pm$ 623.302 χ^2 /NDF: 37.7/34

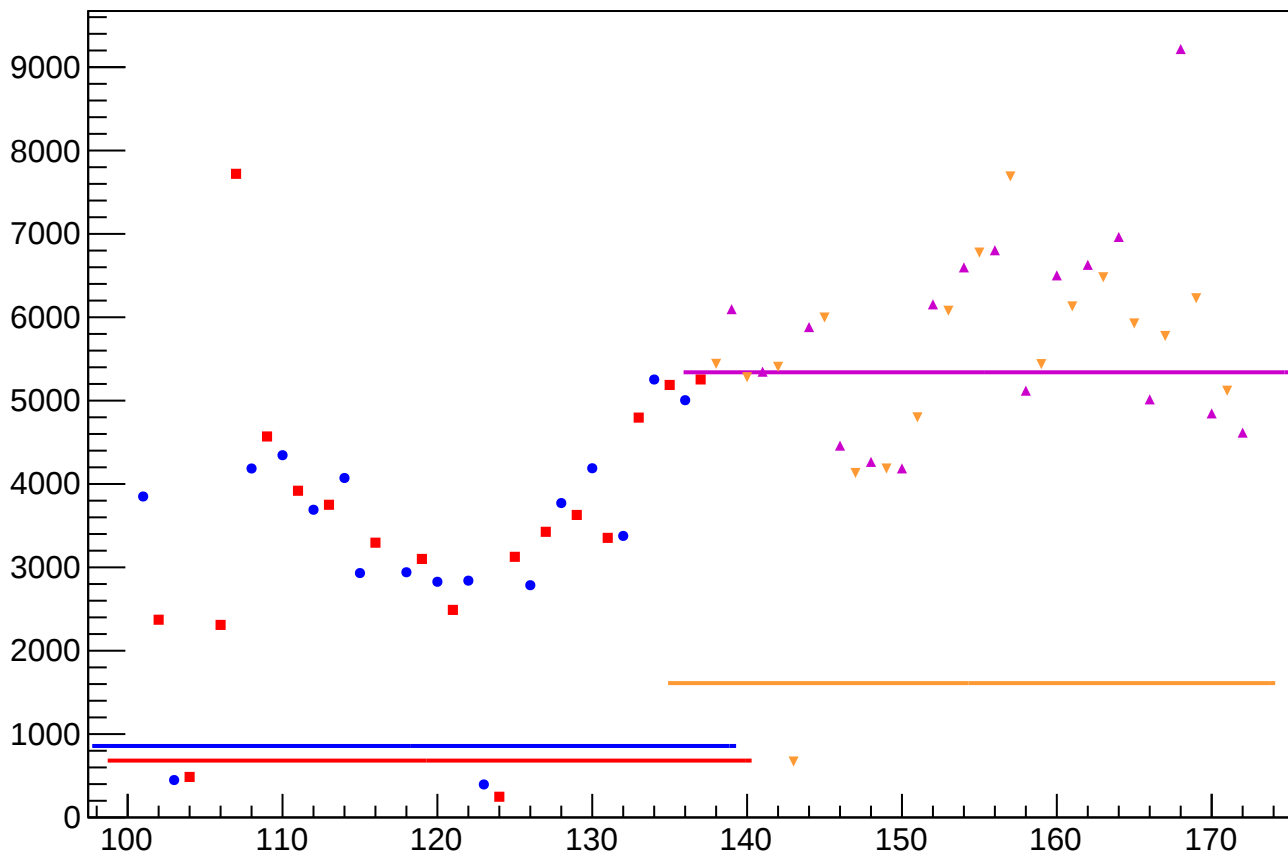
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 385.983 $\pm$ 502.130 χ^2 /NDF:29.6/33

Out: -195.523 $\pm$ 374.503 χ^2 /NDF:45.5/35

All: 12.327 $\pm$ 300.203 χ^2 /NDF: 75.9/69

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1611.513+/-0.485 χ^2/NDF : 15854453.3/17

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

Left In: 5339.928+/-1.055 χ^2/NDF : 1025530.6/16

Left: 2261.706+/-0.441 χ^2/NDF : 27183262.9/34

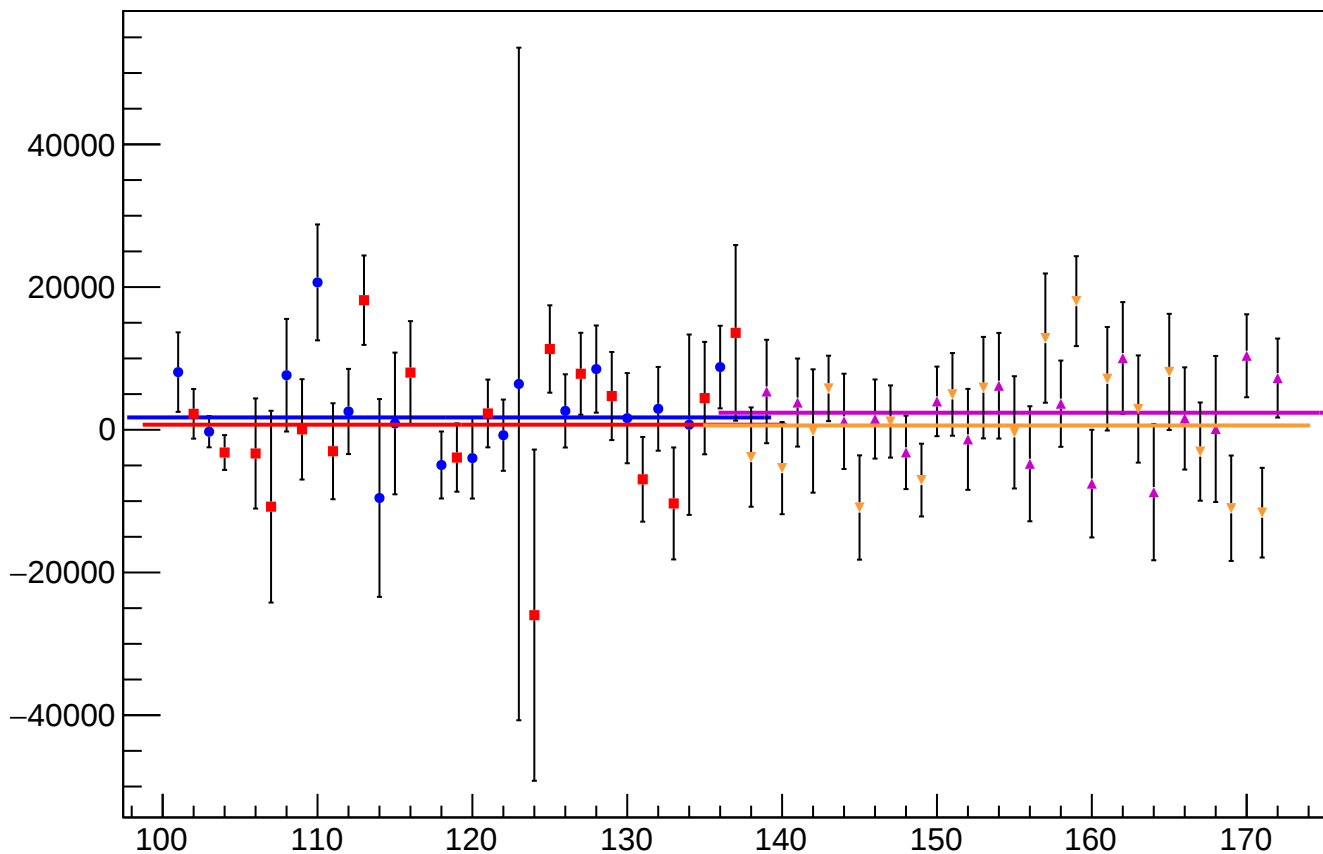
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 1364.777+/-0.355 χ^2/NDF : 25197141.8/33

Out: 959.122+/-0.265 χ^2/NDF : 27810047.5/35

All: 1104.117+/-0.212 χ^2/NDF : 53845934.0/66

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 605.381+/-1540.343 χ^2/NDF : 26.2/17

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

Left In: 2389.898+/-1586.893 χ^2/NDF : 9.7/16

Left: 1471.082+/-1105.277 χ^2/NDF : 36.5/34

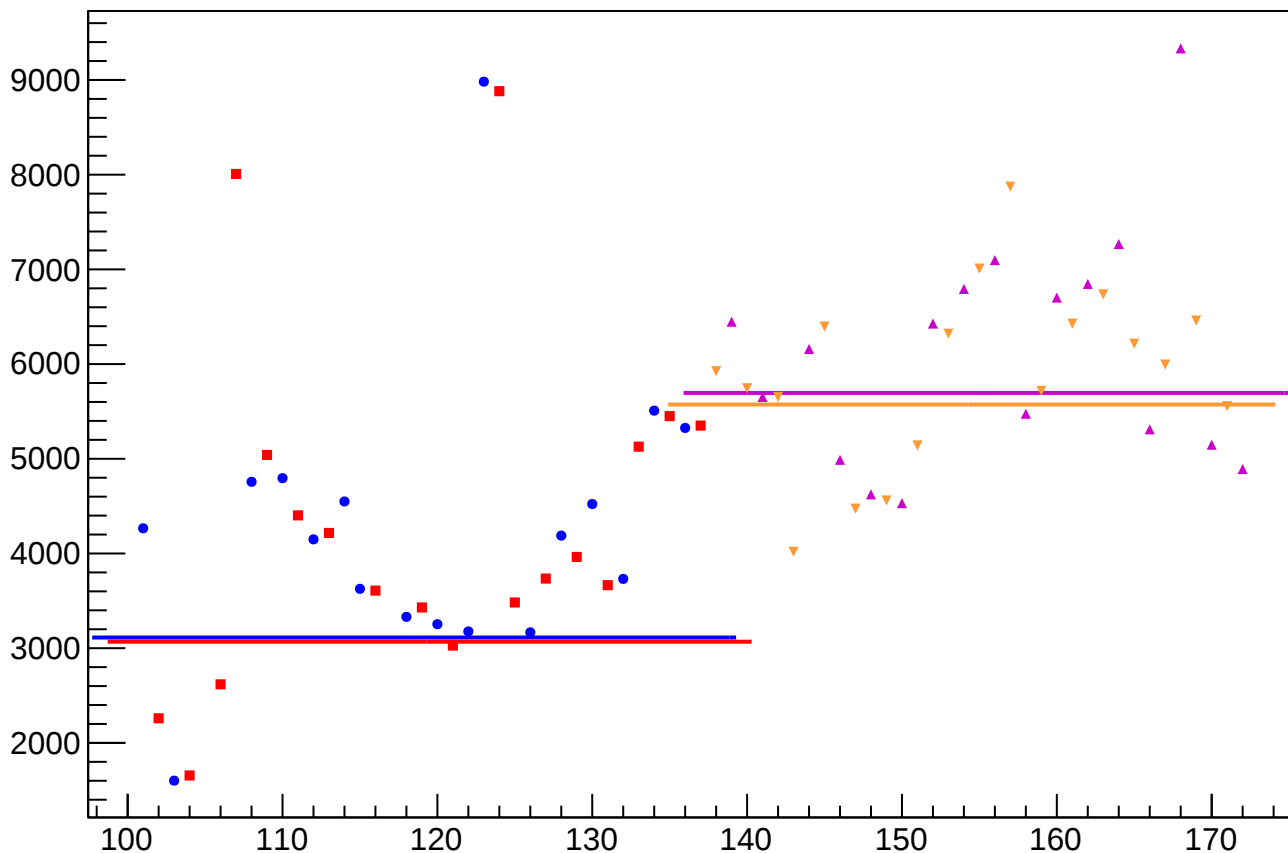
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1998.087+/-1007.765 χ^2/NDF : 24.7/33

Out: 670.077+/-989.302 χ^2/NDF : 51.3/35

All: 1321.806+/-705.979 χ^2/NDF : 76.9/69

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5573.036 $\pm$ 1.089 χ^2 /NDF: 789688.0/17

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

Left In: 5695.364 $\pm$ 1.122 χ^2 /NDF: 844124.3/16

Left: 5632.379 $\pm$ 0.782 χ^2 /NDF: 1639931.6/34

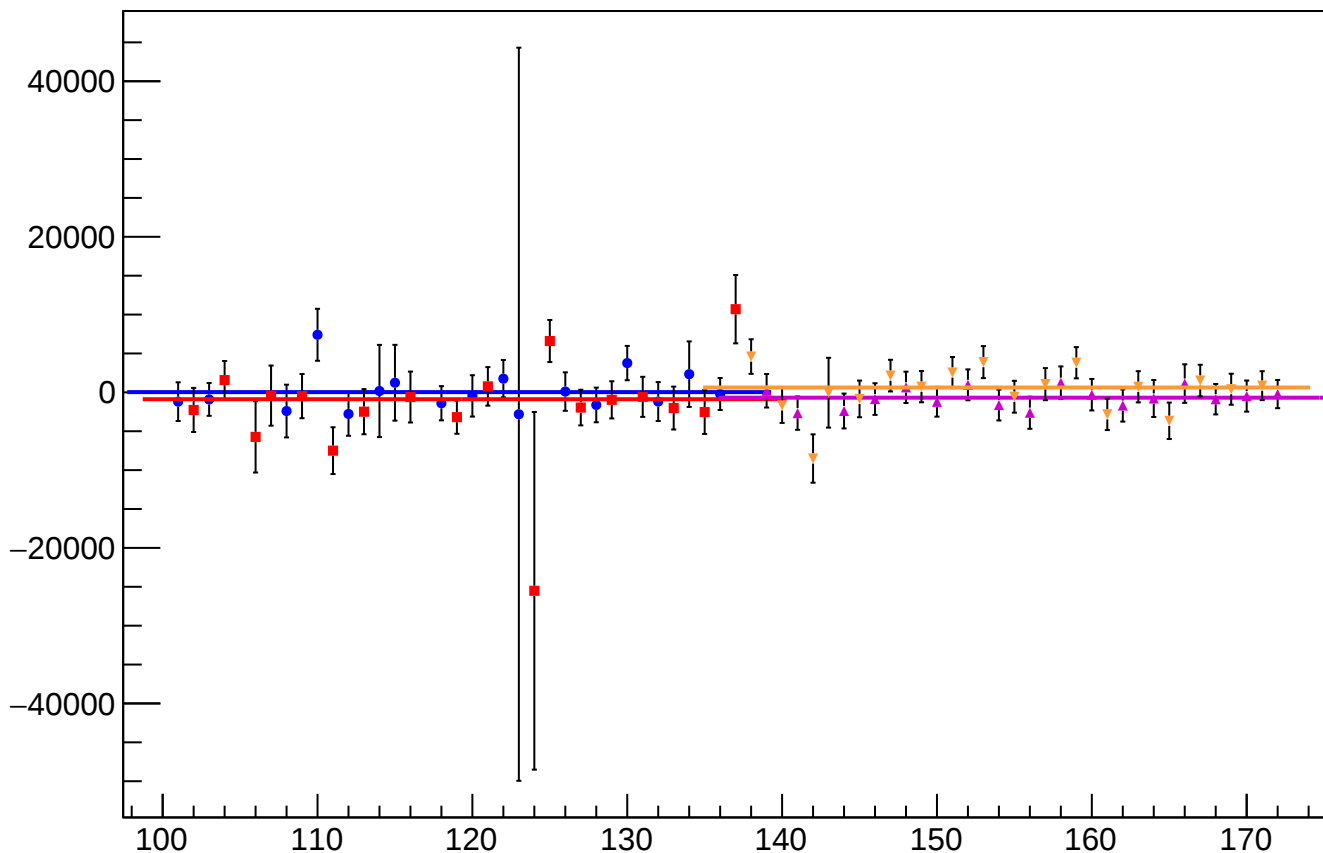
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4154.262 $\pm$ 0.713 χ^2 /NDF: 5889724.1/33

Out: 4083.921 $\pm$ 0.693 χ^2 /NDF: 5934920.3/35

All: 4118.136 $\pm$ 0.497 χ^2 /NDF: 11829648.7/68

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 χ^2/NDF : 11.8/16

Left Out: 621.689 ± 507.178 χ^2/NDF : 26.7/17

Right Out: -882.685 ± 674.623 χ^2/NDF : 25.6/17

Left In: -687.318 ± 500.264 χ^2/NDF : 5.7/16

Left: -41.798 ± 356.160 χ^2/NDF : 35.7/34

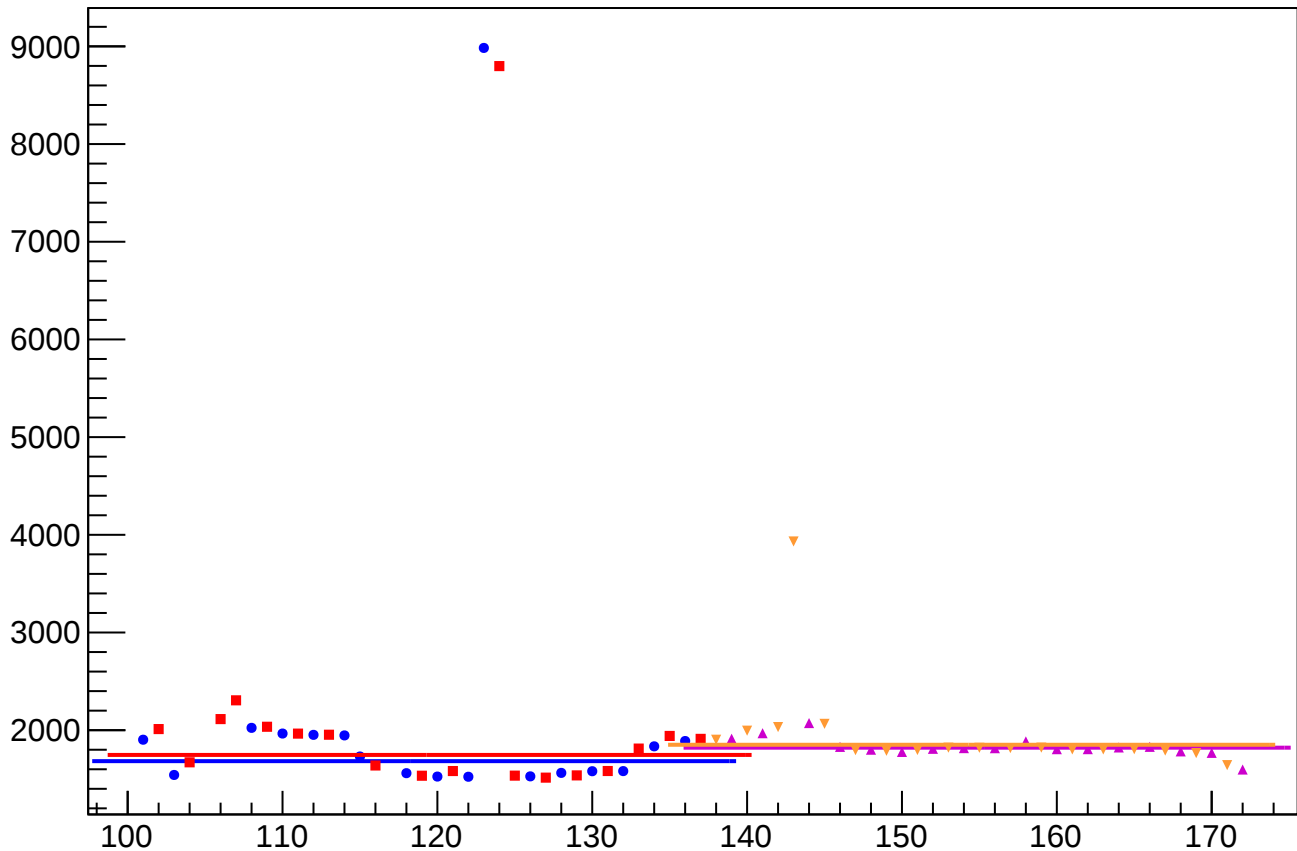
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -425.099 ± 398.327 χ^2/NDF : 18.2/33

Out: 78.456 ± 405.393 χ^2/NDF : 55.5/35

All: -177.748 ± 284.125 χ^2/NDF : 74.5/69

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.805+/-0.359 χ^2/NDF : 502980.3/17

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

Left In: 1821.032+/-0.354 χ^2/NDF : 74482.8/16

Left: 1835.714+/-0.252 χ^2/NDF : 580956.4/34

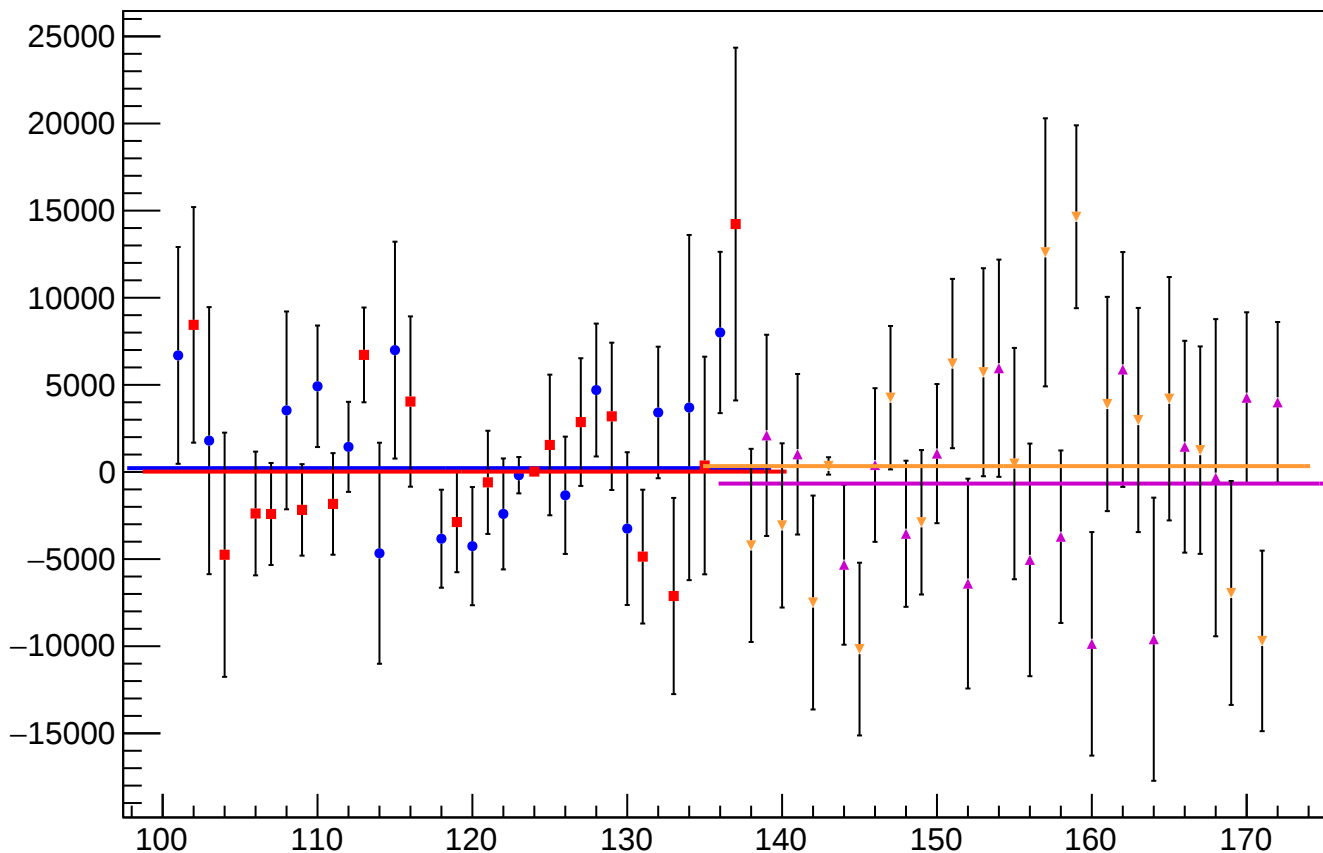
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1770.556+/-0.282 χ^2/NDF : 325969.6/33

Out: 1813.143+/-0.286 χ^2/NDF : 940159.0/35

All: 1791.492+/-0.201 χ^2/NDF : 1277367.6/69

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 335.704 $\pm$ 467.239 χ^2 /NDF:27.0/17

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

Left In: -665.610 $\pm$ 1289.568 χ^2 /NDF:11.3/16

Left: 219.508 $\pm$ 439.293 χ^2 /NDF: 38.8/34

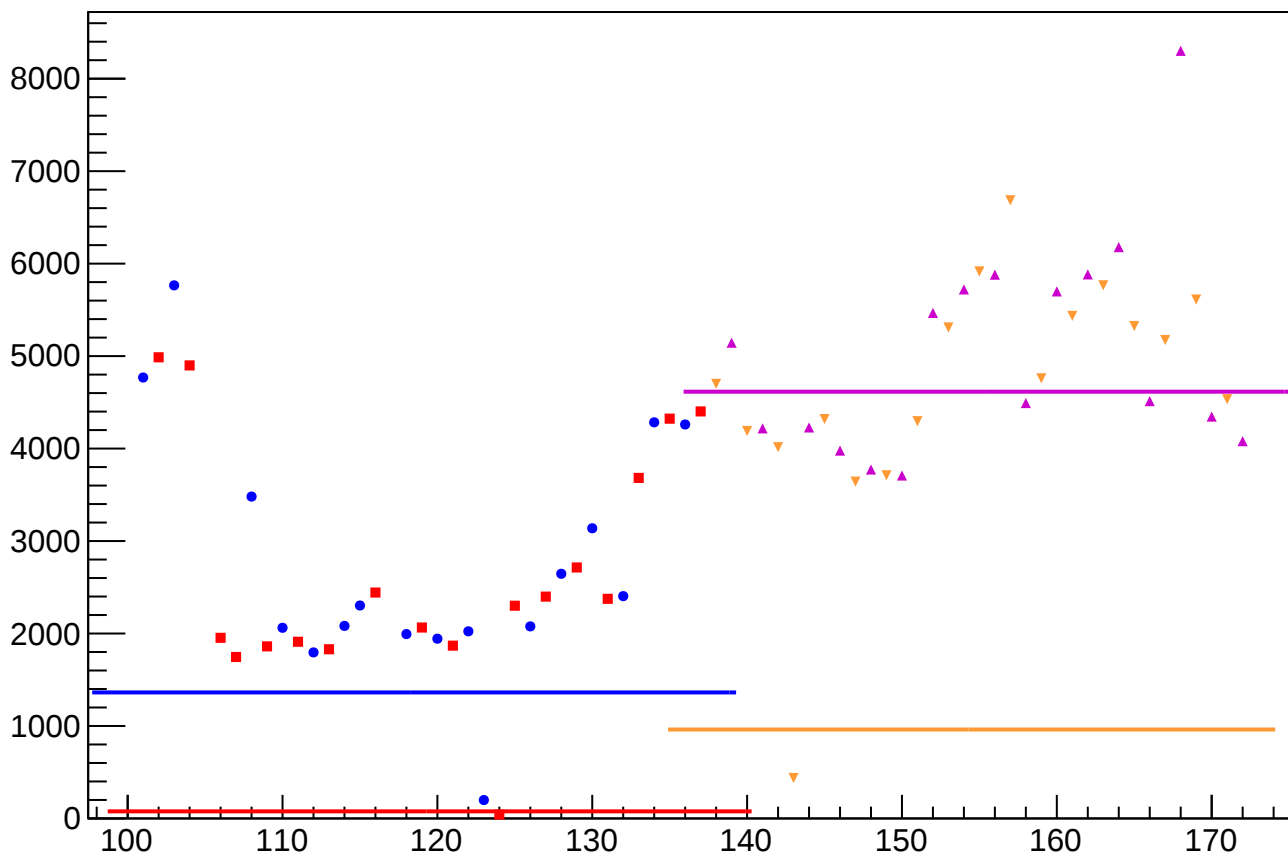
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 8.983 $\pm$ 629.261 χ^2 /NDF:27.5/33

Out: 39.613 $\pm$ 110.875 χ^2 /NDF:46.0/35

All: 38.690 $\pm$ 109.193 χ^2 /NDF: 73.5/69

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842+/-0.510 χ^2/NDF : 6235846.3/16

Left Out: 961.802+/-0.330 χ^2/NDF : 18415626.7/17

Right Out: 76.832+/-0.081 χ^2/NDF : 13114372.5/17

Left In: 4615.113+/-0.912 χ^2/NDF : 1010963.1/16

Left: 1385.744+/-0.311 χ^2/NDF : 33615394.8/34

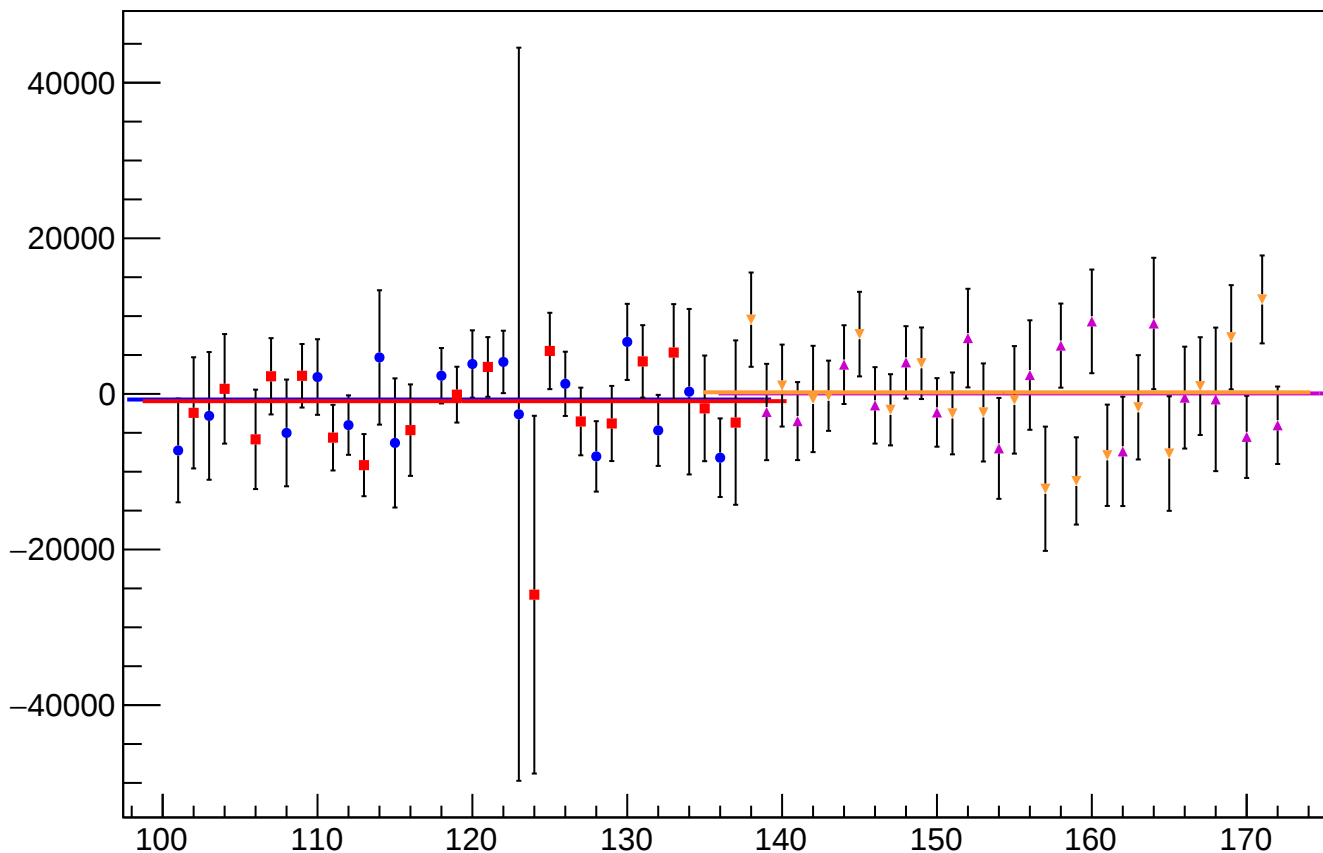
Right: 108.278+/-0.080 χ^2/NDF : 25558892.3/34

In: 2137.233+/-0.445 χ^2/NDF : 16938703.0/33

Out: 126.665+/-0.078 χ^2/NDF : 38300782.9/35

All: 187.206+/-0.077 χ^2/NDF : 75042314.9/69

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$

Left Out: 207.381 ± 1366.397 $\chi^2/\text{NDF}: 20.6/17$

Right Out: -931.712 ± 1194.458 $\chi^2/\text{NDF}: 14.9/17$

Left In: 62.062 ± 1393.244 $\chi^2/\text{NDF}: 12.2/16$

Left: 136.135 ± 975.542 $\chi^2/\text{NDF}: 32.8/34$

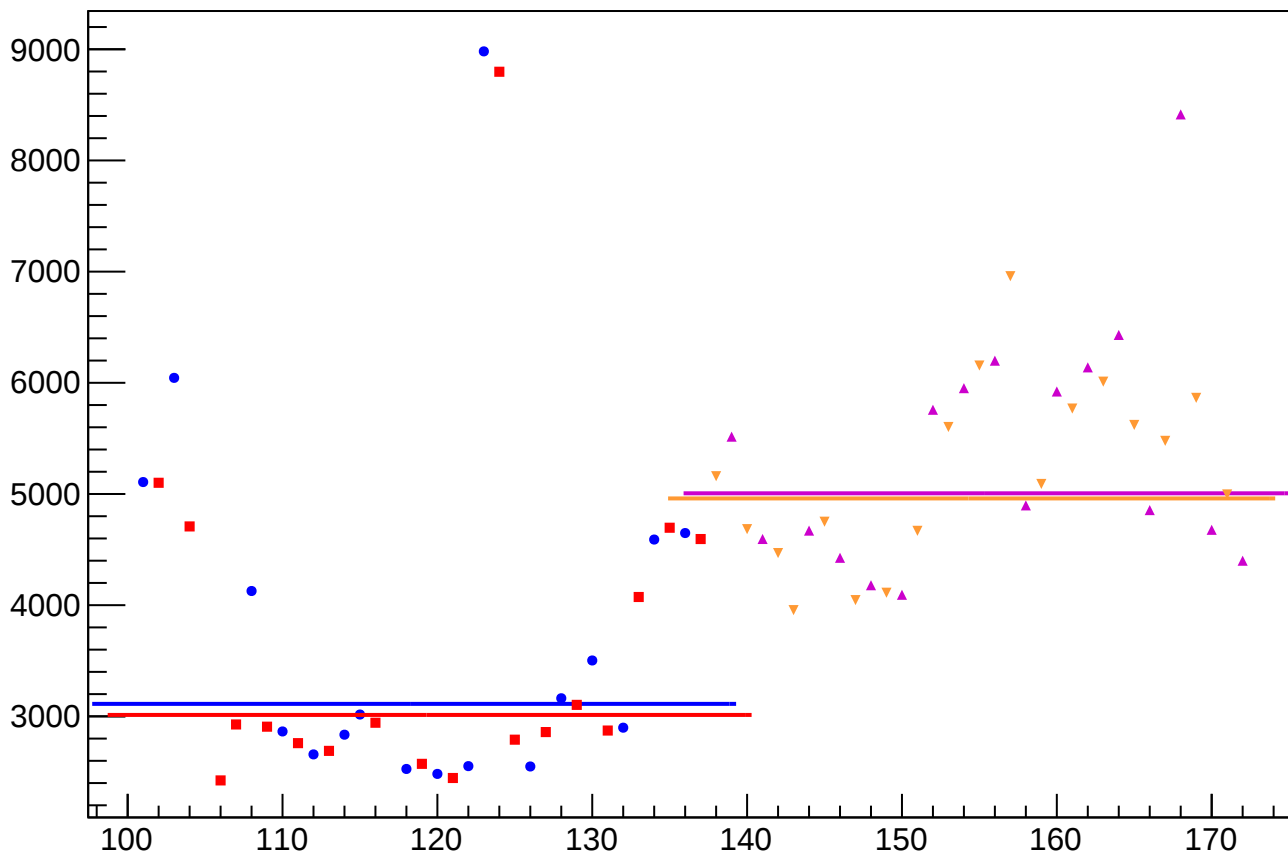
Right: -831.583 ± 864.407 $\chi^2/\text{NDF}: 29.7/34$

In: -371.269 ± 931.455 $\chi^2/\text{NDF}: 27.1/33$

Out: -438.302 ± 899.293 $\chi^2/\text{NDF}: 35.9/35$

All: -405.963 ± 646.968 $\chi^2/\text{NDF}: 63.0/69$

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4960.045 $\pm$ 0.966 χ^2 /NDF: 627332.7/17

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

Left In: 5006.149 $\pm$ 0.985 χ^2 /NDF: 799495.1/16

Left: 4982.649 $\pm$ 0.690 χ^2 /NDF: 1427944.1/34

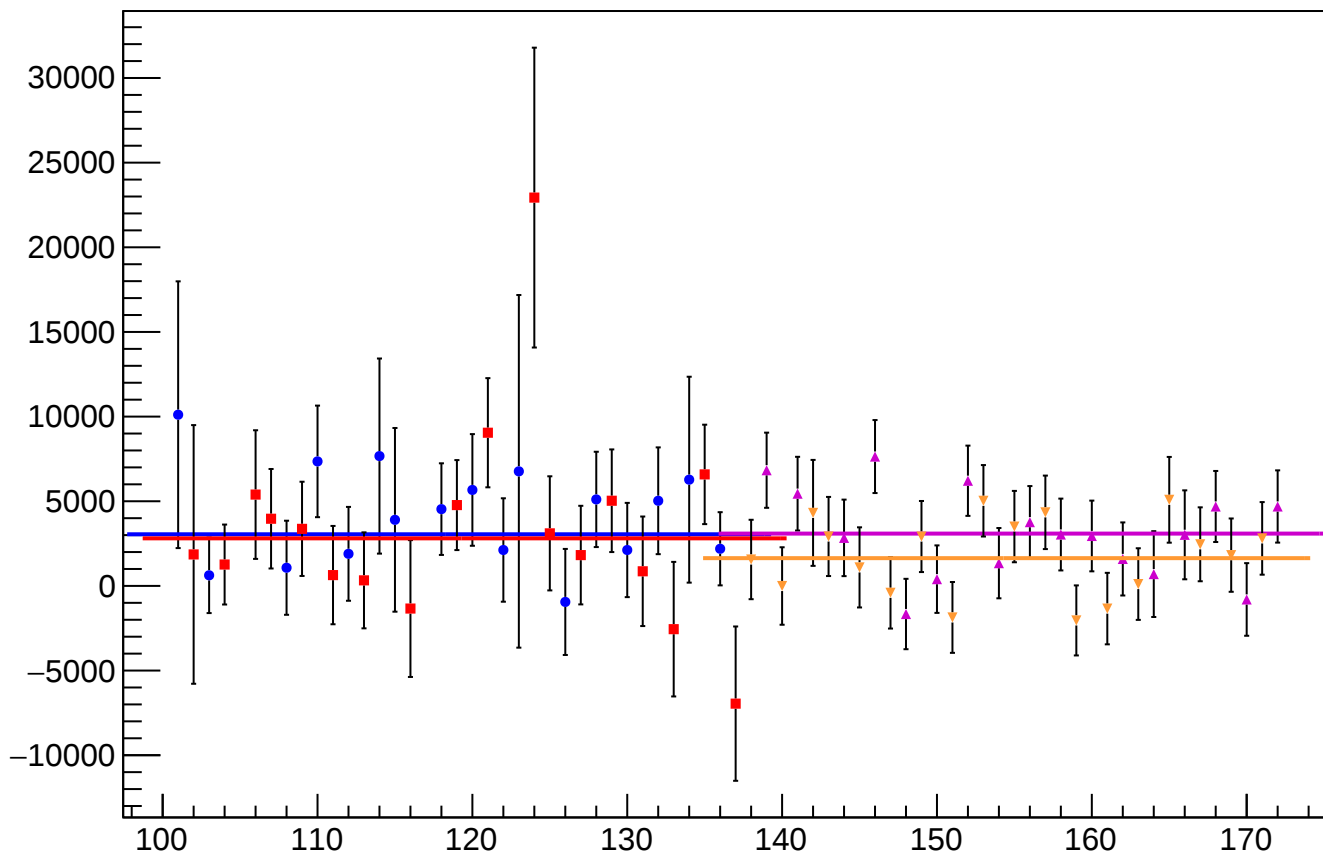
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 3958.735 $\pm$ 0.659 χ^2 /NDF: 3801872.2/33

Out: 3844.218 $\pm$ 0.631 χ^2 /NDF: 3729159.8/35

All: 3899.055 $\pm$ 0.456 χ^2 /NDF: 7546786.7/69

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1639.246 $\pm$ 522.976 χ^2 /NDF:18.6/17

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

Left In: 3089.738 $\pm$ 525.312 χ^2 /NDF:24.4/16

Left: 2361.260 $\pm$ 370.623 χ^2 /NDF: 46.8/34

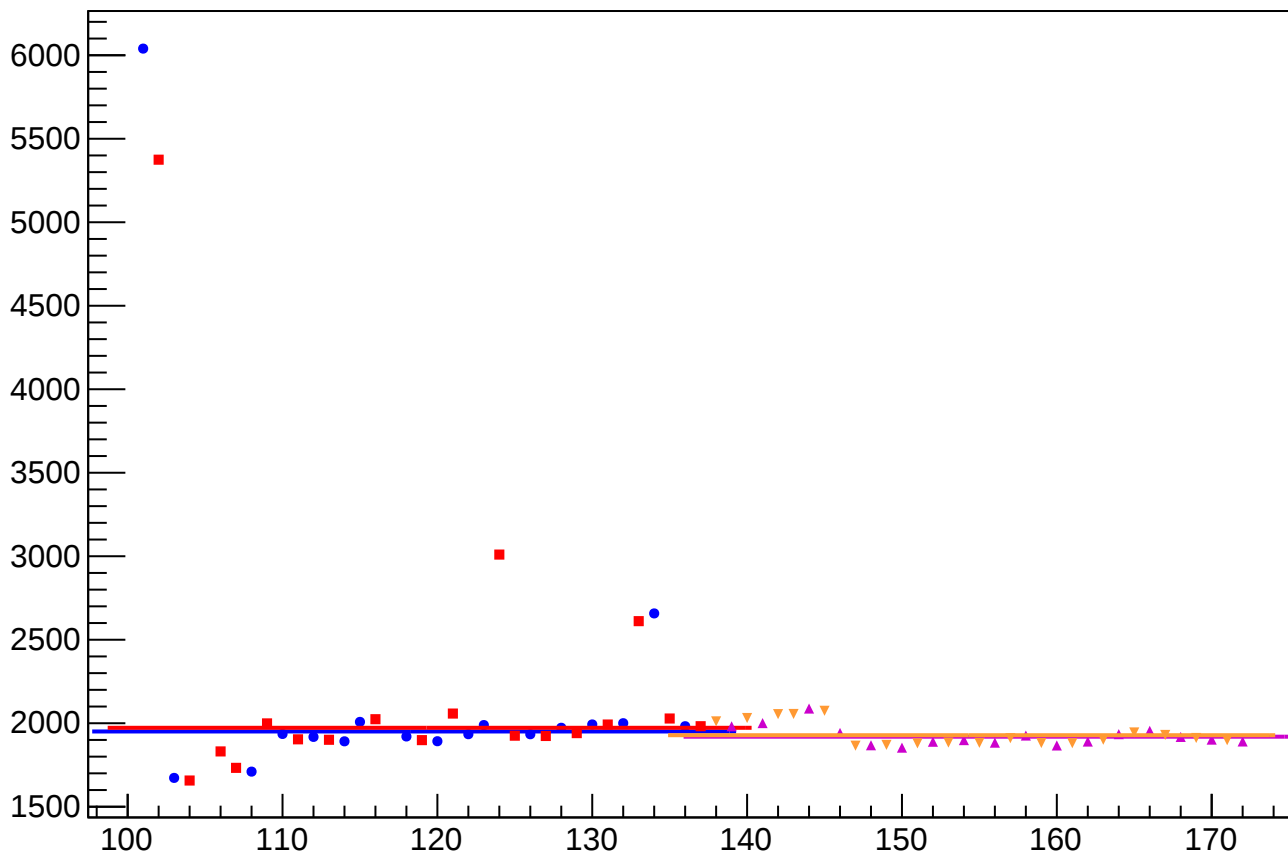
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3076.879 $\pm$ 434.359 χ^2 /NDF:33.7/33

Out: 2011.044 $\pm$ 431.950 χ^2 /NDF:42.2/35

All: 2540.998 $\pm$ 306.283 χ^2 /NDF: 78.9/69

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1928.277 $\pm$ 0.370 χ^2 /NDF: 32660.5/17

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

Left In: 1919.448 $\pm$ 0.371 χ^2 /NDF: 22849.1/16

Left: 1923.882 $\pm$ 0.262 χ^2 /NDF: 55793.4/34

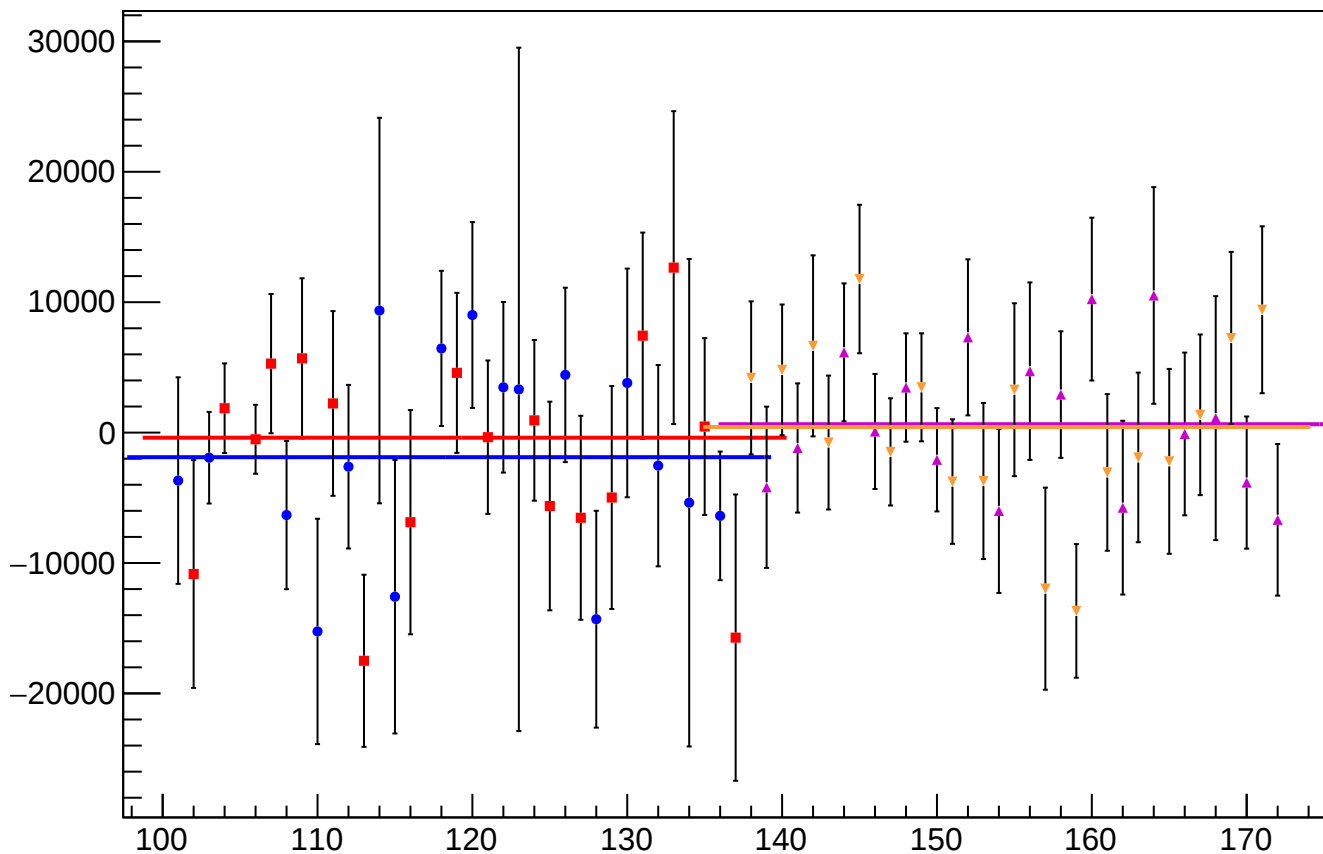
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1929.330 $\pm$ 0.307 χ^2 /NDF: 640252.2/33

Out: 1942.415 $\pm$ 0.305 χ^2 /NDF: 572925.9/35

All: 1935.910 $\pm$ 0.217 χ^2 /NDF: 1214090.9/69

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2 /NDF: 14.1/16

Left Out: 431.250 $\pm$ 1324.386 χ^2 /NDF:22.0/17

Right Out: -391.453 $\pm$ 1361.685 χ^2 /NDF: 17.6/17

Left In: 641.459 $\pm$ 1334.754 χ^2 /NDF:12.8/16

Left: 535.535 $\pm$ 940.127 χ^2 /NDF: 34.8/34

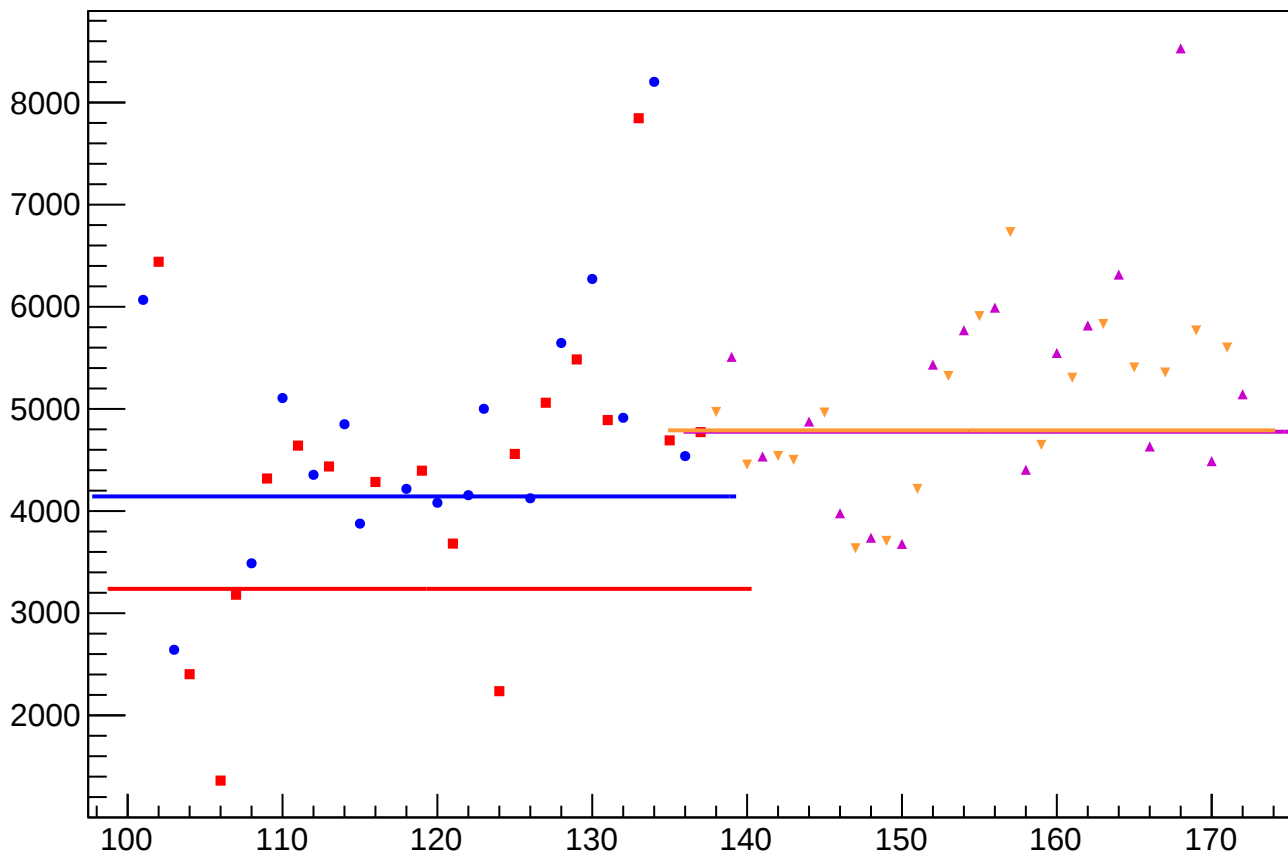
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -352.163 $\pm$ 1039.702 χ^2 /NDF:28.3/33

Out: 31.320 $\pm$ 949.395 χ^2 /NDF:39.8/35

All: -143.047 $\pm$ 701.080 χ^2 /NDF: 68.2/69

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4790.314+/-0.936 χ^2/NDF : 718421.6/17

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

Left In: 4776.786+/-0.944 χ^2/NDF : 1012447.3/16

Left: 4783.603+/-0.665 χ^2/NDF : 1730972.4/34

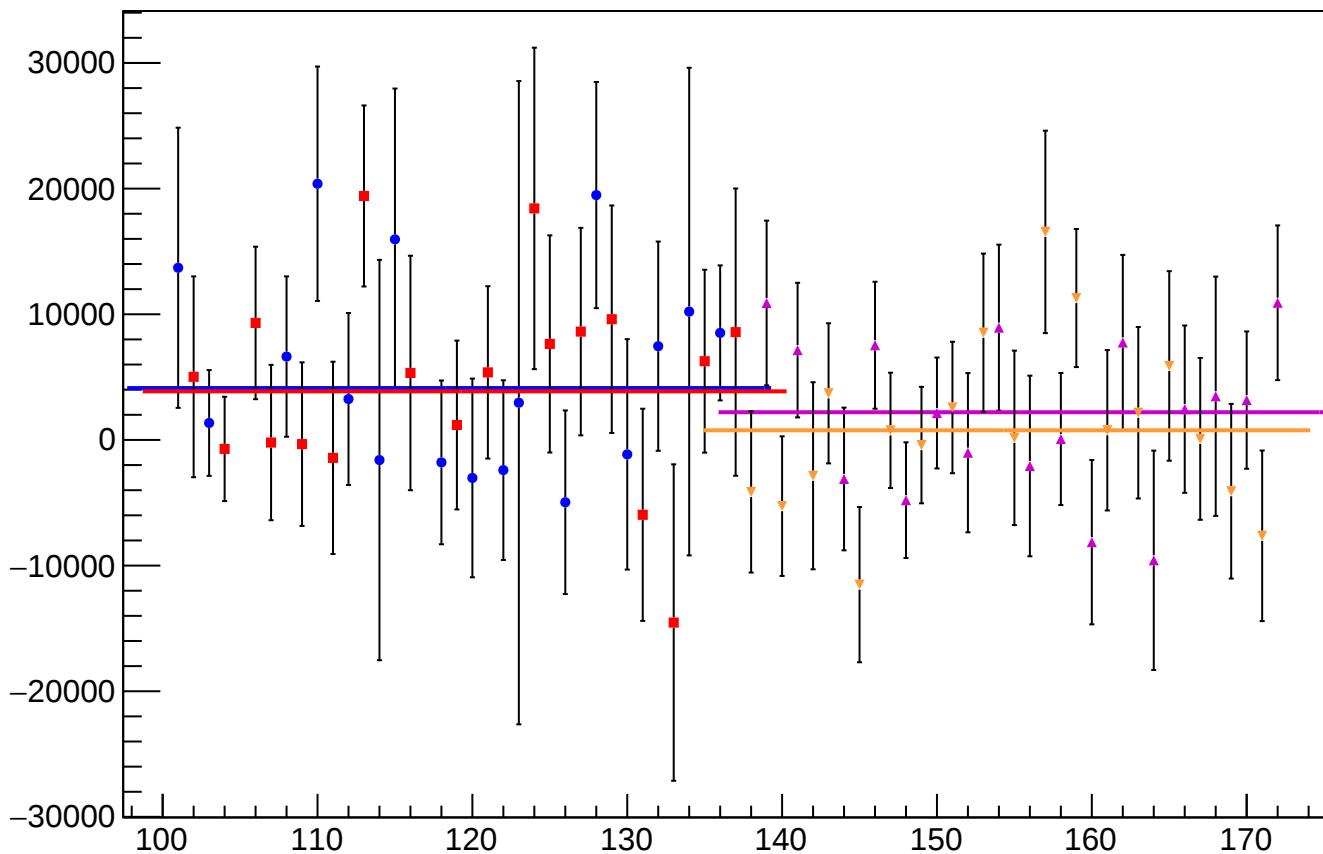
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4527.743+/-0.735 χ^2/NDF : 2045478.7/33

Out: 4035.996+/-0.671 χ^2/NDF : 4635040.0/35

All: 4259.589+/-0.496 χ^2/NDF : 6924489.4/69

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 767.565 $\pm$ 1431.044 χ^2/NDF : 18.0/17

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

Left In: 2204.317 $\pm$ 1442.111 χ^2/NDF : 15.7/16

Left: 1480.407 $\pm$ 1015.791 χ^2/NDF : 34.2/34

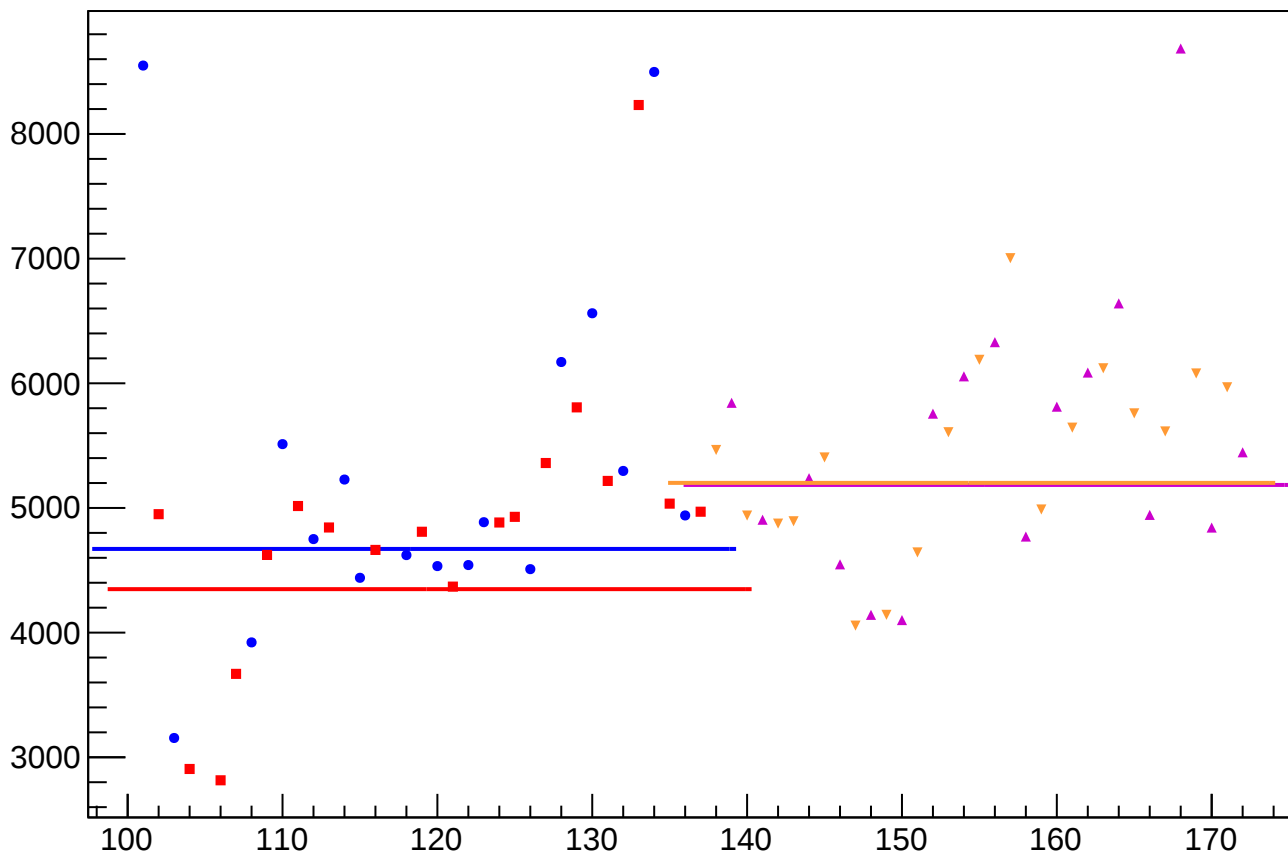
Right: 3986.746 $\pm$ 1266.737 χ^2/NDF : 27.9/34

In: 2924.554 $\pm$ 1140.388 χ^2/NDF : 30.1/33

Out: 2028.717 $\pm$ 1102.029 χ^2/NDF : 34.1/35

All: 2461.315 $\pm$ 792.466 χ^2/NDF : 64.5/69

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5201.199 $\pm$ 1.012 χ^2/NDF : 546109.5/17

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

Left In: 5184.604 $\pm$ 1.020 χ^2/NDF : 786919.0/16

Left: 5192.965 $\pm$ 0.718 χ^2/NDF : 1333161.9/34

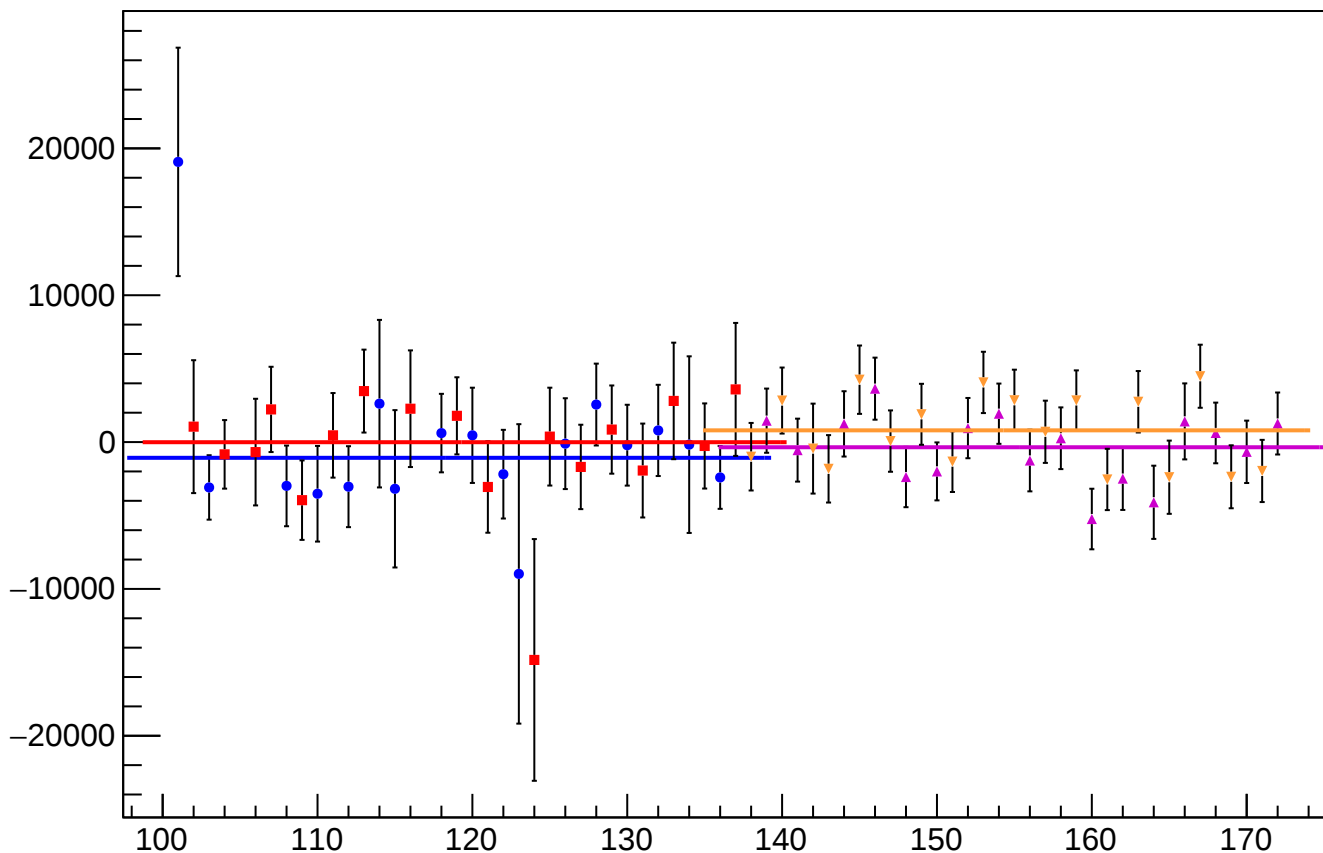
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4992.290 $\pm$ 0.806 χ^2/NDF : 1667960.1/33

Out: 4851.876 $\pm$ 0.777 χ^2/NDF : 1629363.1/35

All: 4919.516 $\pm$ 0.560 χ^2/NDF : 3313038.3/69

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 798.880 ± 515.703 χ^2/NDF : 22.8/17

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

Left In: -352.270 ± 518.459 χ^2/NDF : 18.5/16

Left: 226.373 ± 365.627 χ^2/NDF : 43.8/34

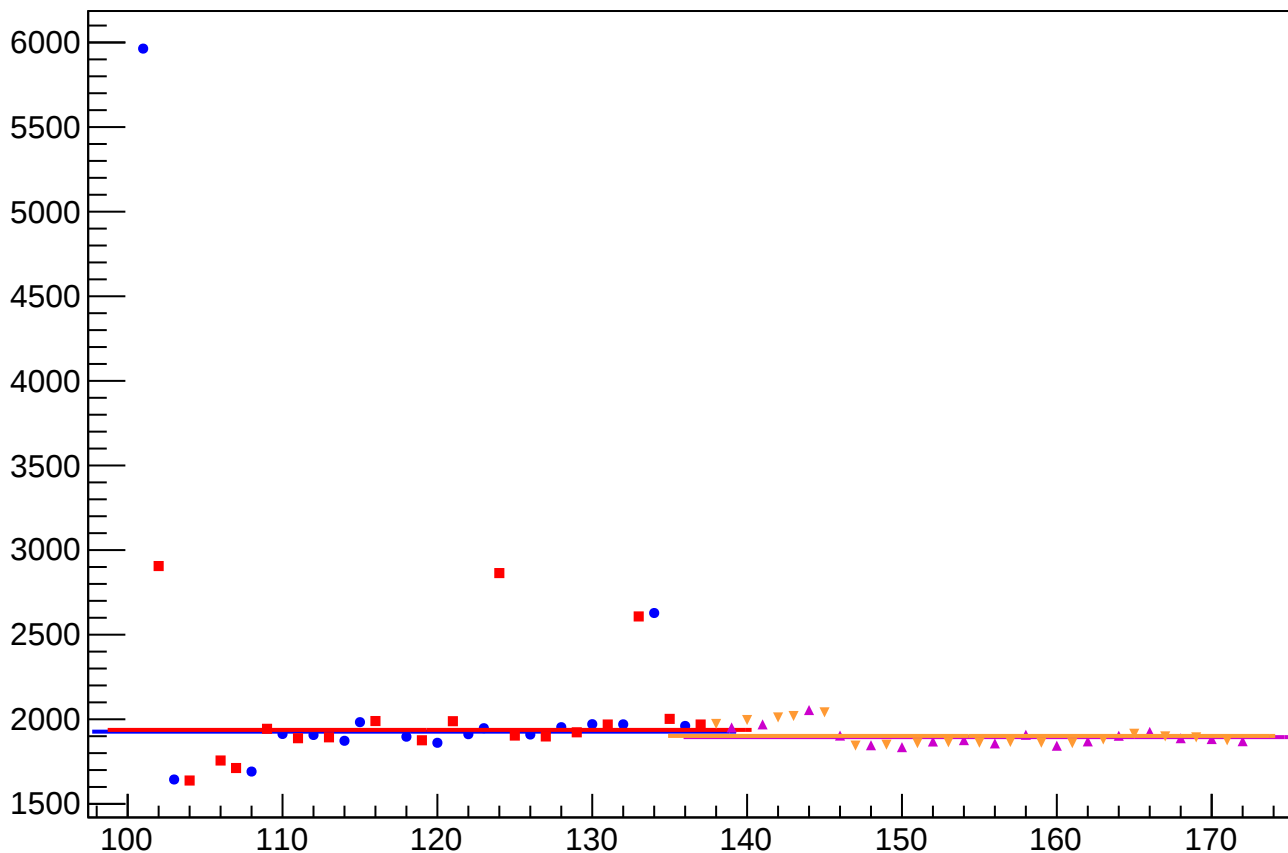
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -579.391 ± 428.822 χ^2/NDF : 32.8/33

Out: 538.665 ± 424.592 χ^2/NDF : 35.1/35

All: -14.822 ± 301.716 χ^2/NDF : 71.3/69

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1901.687+/-0.365 χ^2/NDF : 28154.0/17

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

Left In: 1894.556+/-0.367 χ^2/NDF : 20437.2/16

Left: 1898.140+/-0.259 χ^2/NDF : 48781.5/34

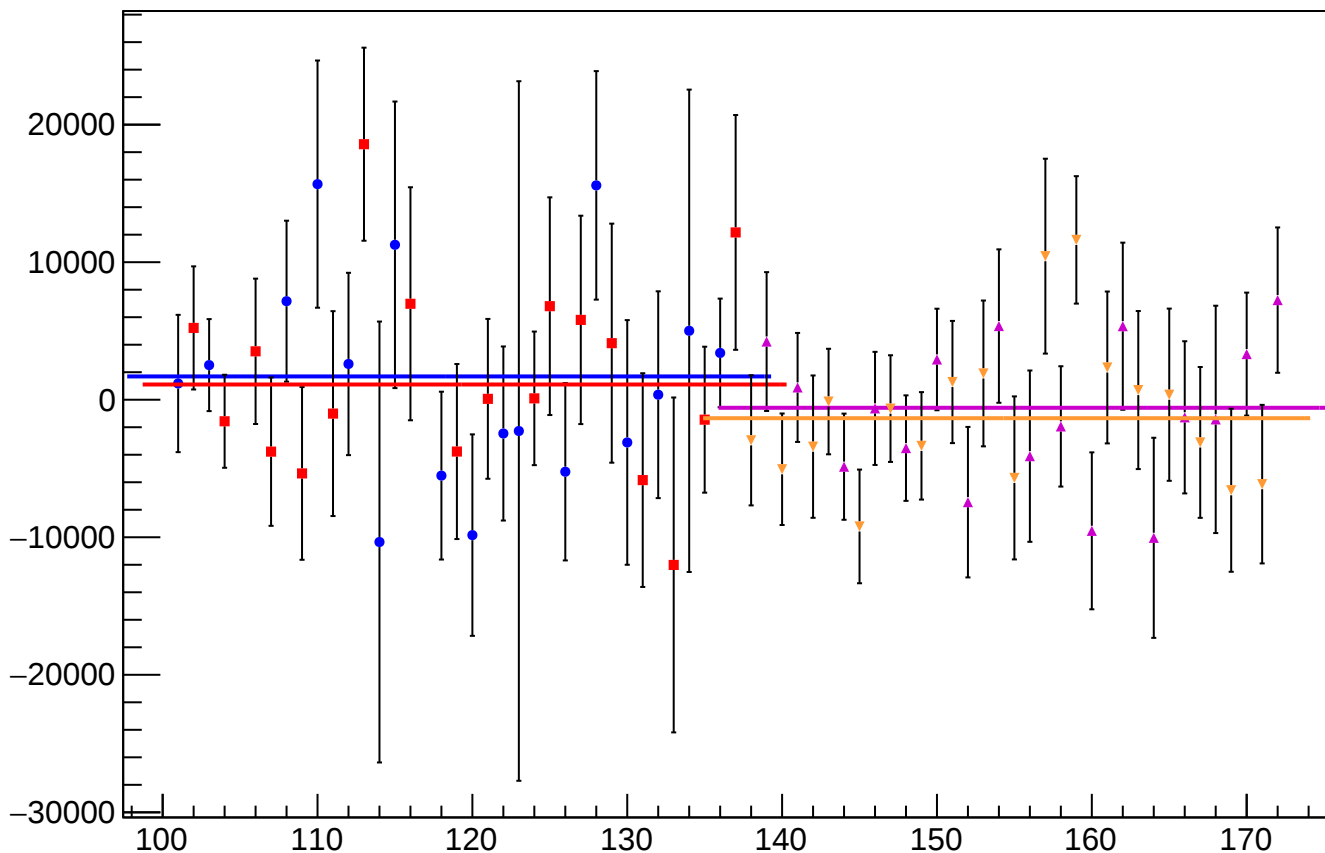
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1904.770+/-0.303 χ^2/NDF : 640010.9/33

Out: 1913.164+/-0.300 χ^2/NDF : 260305.6/35

All: 1909.010+/-0.213 χ^2/NDF : 900703.6/69

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1342.760+/-1144.807 χ^2/NDF : 19.2/17

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

Left In: -585.858+/-1175.198 χ^2/NDF : 15.0/16

Left: -974.223+/-820.035 χ^2/NDF : 34.4/34

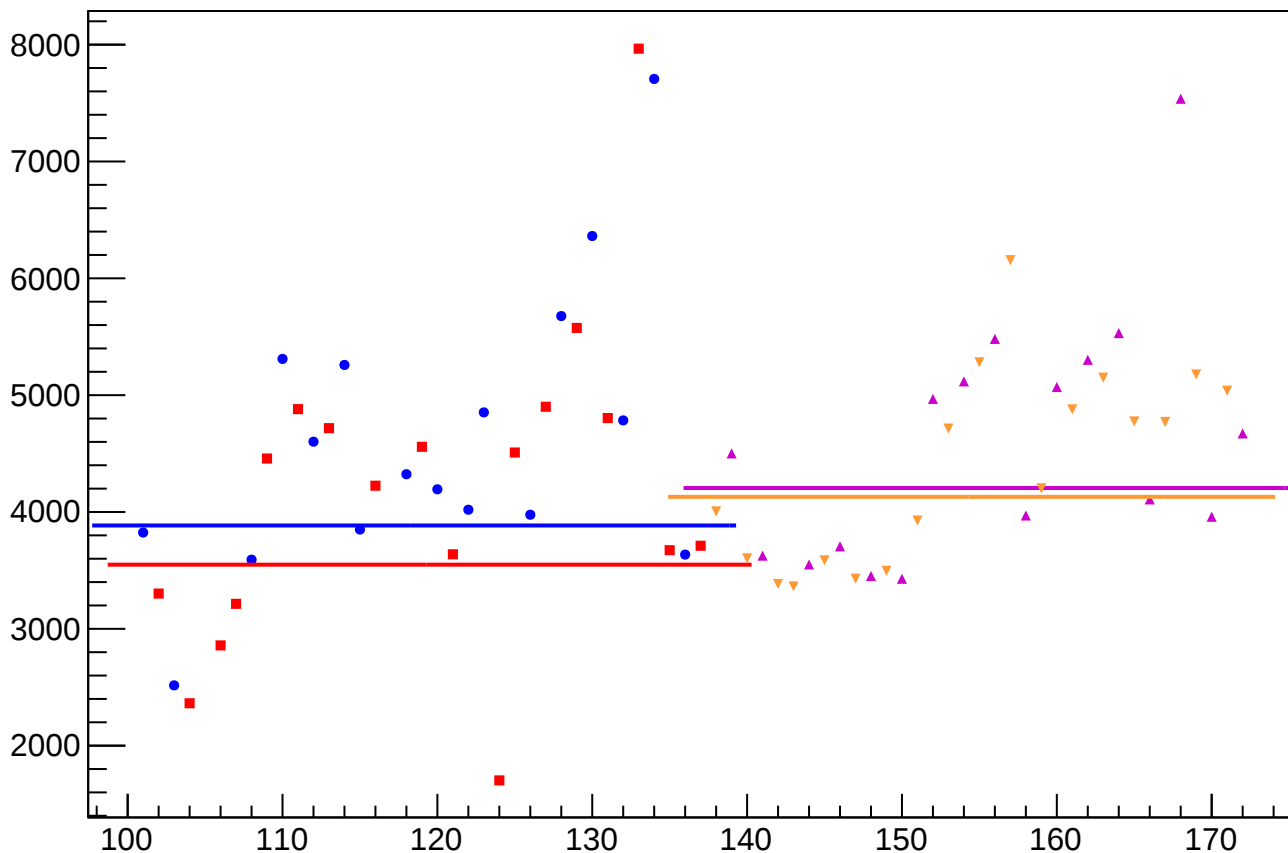
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 245.003+/-936.891 χ^2/NDF : 30.0/33

Out: -371.334+/-889.427 χ^2/NDF : 36.9/35

All: -79.172+/-645.047 χ^2/NDF : 67.1/69

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4129.771+/-0.810 χ^2/NDF : 837220.6/17

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

Left In: 4205.225+/-0.831 χ^2/NDF : 1009245.2/16

Left: 4166.510+/-0.580 χ^2/NDF : 1850696.1/34

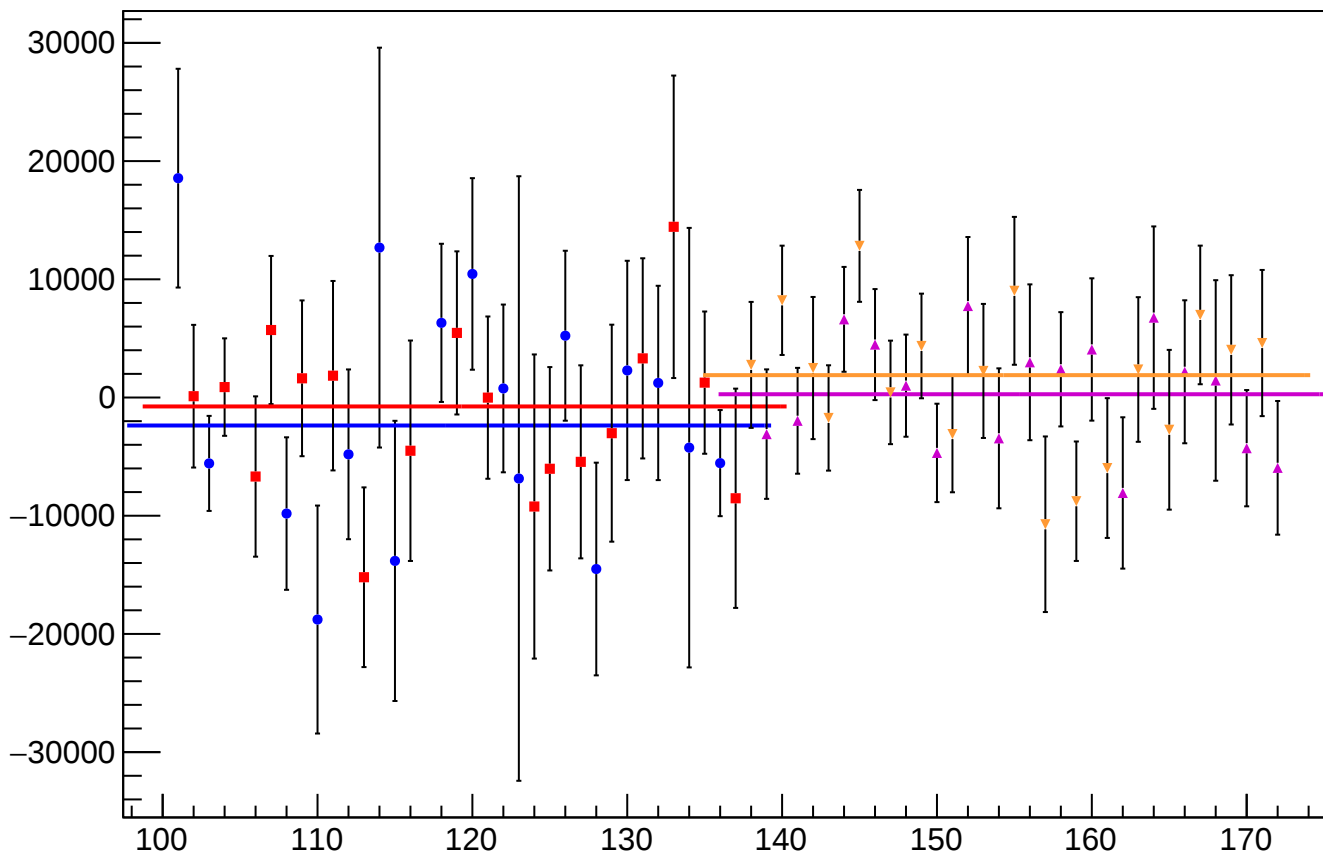
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 4088.377+/-0.662 χ^2/NDF : 1890061.9/33

Out: 3899.612+/-0.629 χ^2/NDF : 2368106.7/35

All: 3989.092+/-0.456 χ^2/NDF : 4300871.7/69

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1892.500 $\pm$ 1269.451 χ^2/NDF : 21.3/17

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

Left In: 277.084 $\pm$ 1294.194 χ^2/NDF : 12.3/16

Left: 1100.382 $\pm$ 906.259 χ^2/NDF : 34.4/34

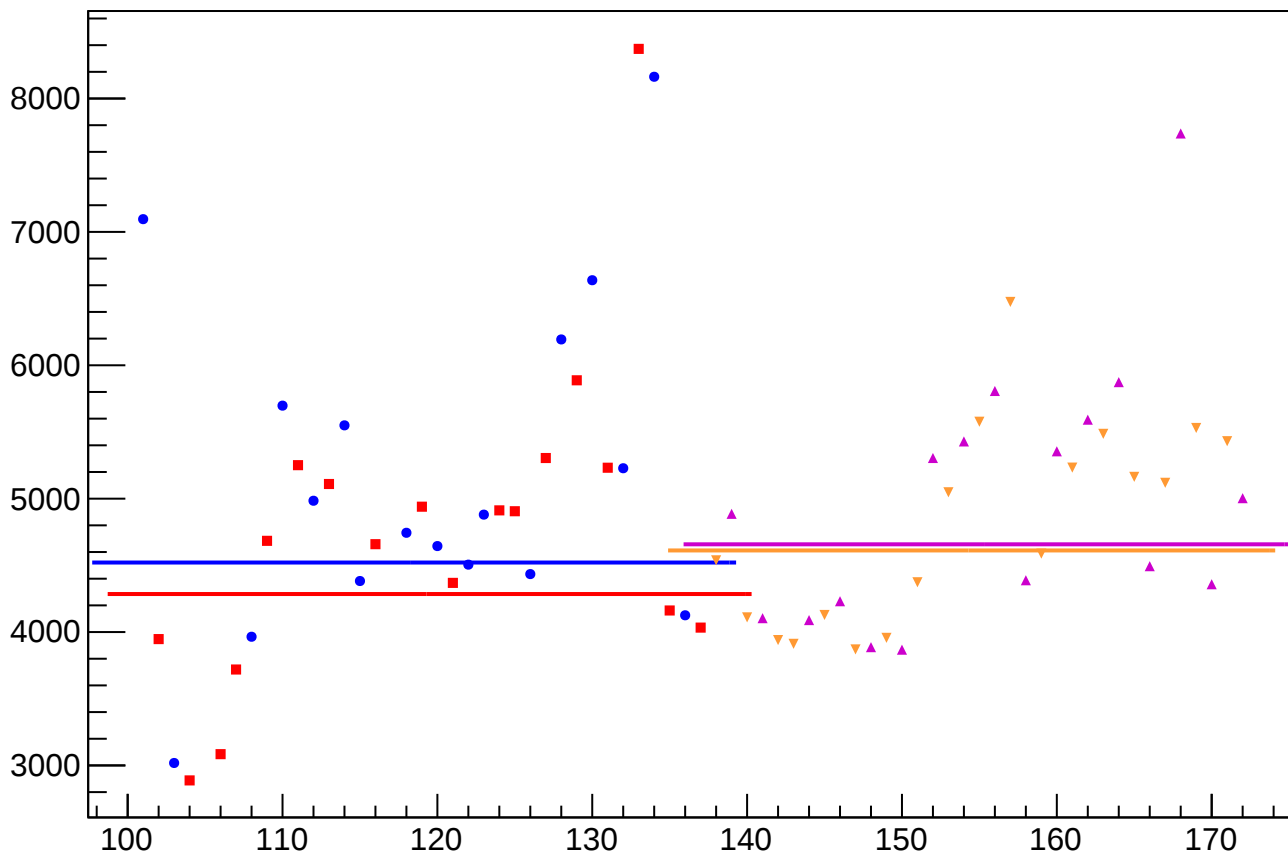
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -622.879 $\pm$ 1051.169 χ^2/NDF : 33.9/33

Out: 939.489 $\pm$ 1015.669 χ^2/NDF : 33.4/35

All: 185.132 $\pm$ 730.414 χ^2/NDF : 68.4/69

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2 /NDF: 778675.0/16

Left Out: 4611.805 $\pm$ 0.898 χ^2 /NDF: 579037.1/17

Right Out: 4285.069 $\pm$ 1.191 χ^2 /NDF: 746400.9/17

Left In: 4657.838 $\pm$ 0.915 χ^2 /NDF: 743875.0/16

Left: 4634.377 $\pm$ 0.641 χ^2 /NDF: 1324201.7/34

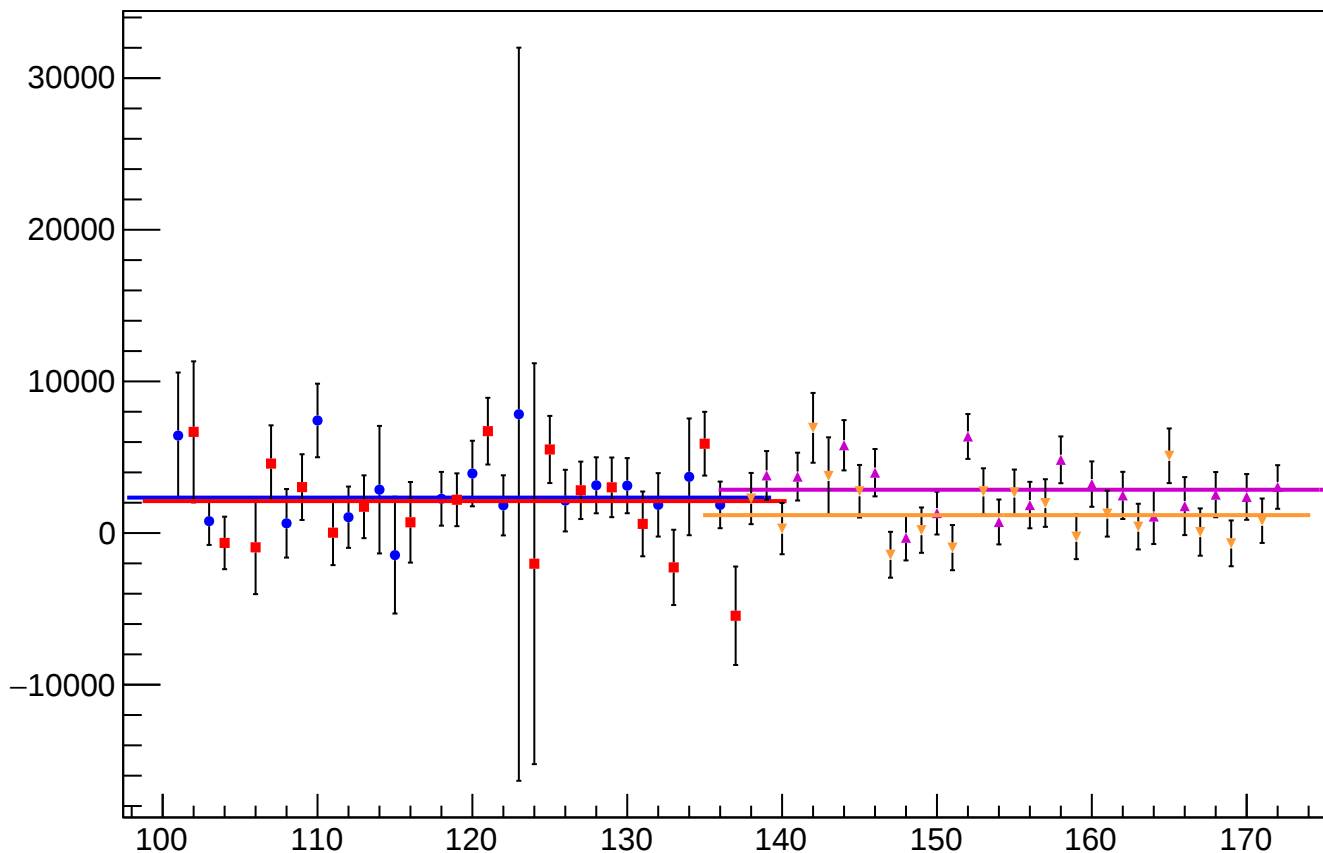
Right: 4395.146 $\pm$ 0.870 χ^2 /NDF: 1543416.6/34

In: 4611.350 $\pm$ 0.743 χ^2 /NDF: 1530133.1/33

Out: 4493.383 $\pm$ 0.717 χ^2 /NDF: 1373458.5/35

All: 4550.222 $\pm$ 0.516 χ^2 /NDF: 2916643.9/69

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: 1181.751 $\pm$ 379.554 χ^2 /NDF:24.6/17

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

Left In: 2856.063 $\pm$ 375.672 χ^2 /NDF:21.3/16

Left: 2027.514 $\pm$ 267.002 χ^2 /NDF: 55.7/34

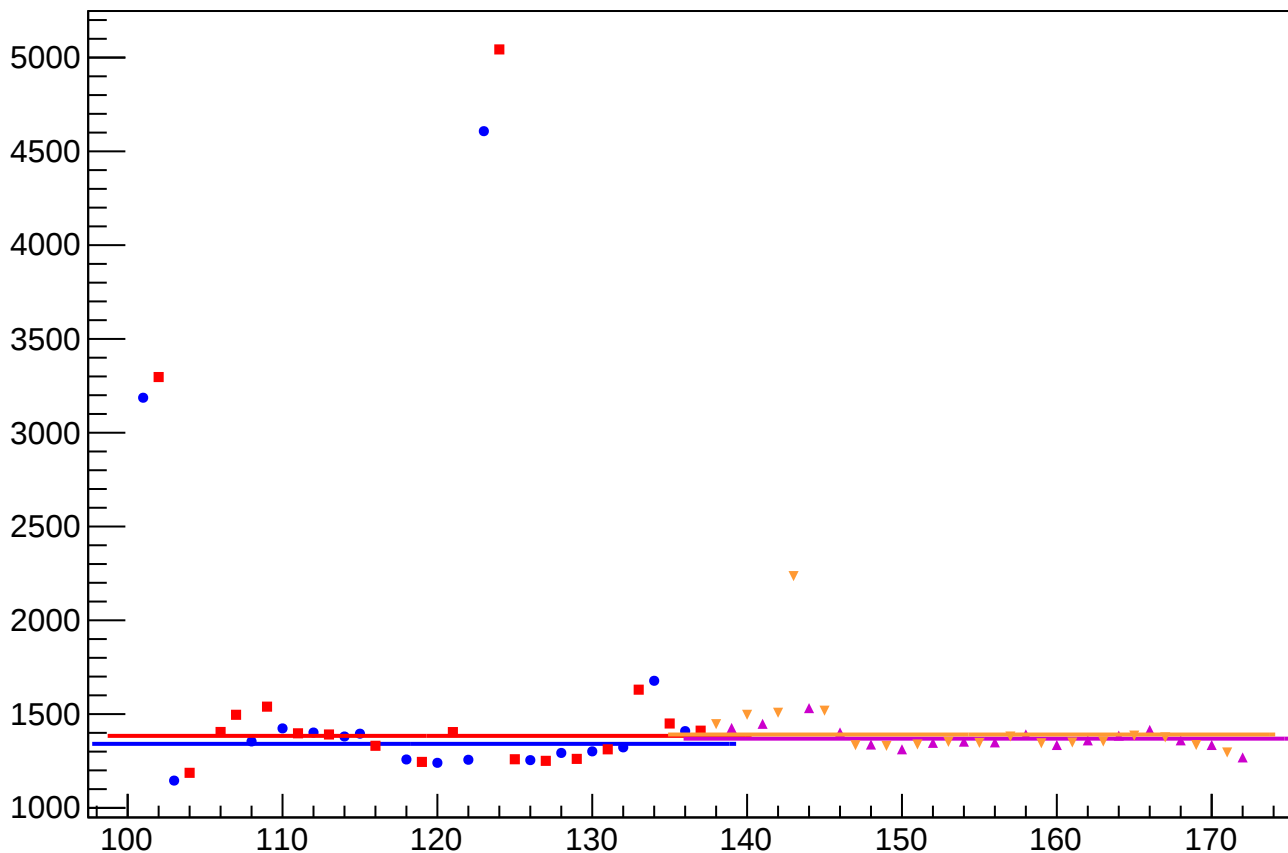
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2682.969 $\pm$ 306.706 χ^2 /NDF:31.6/33

Out: 1488.039 $\pm$ 310.448 χ^2 /NDF:52.9/35

All: 2092.750 $\pm$ 218.185 χ^2 /NDF: 92.0/69

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: 1391.114+/-0.268 χ^2/NDF : 273389.9/17

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

Left In: 1369.100+/-0.266 χ^2/NDF : 46517.6/16

Left: 1379.994+/-0.189 χ^2/NDF : 323305.9/34

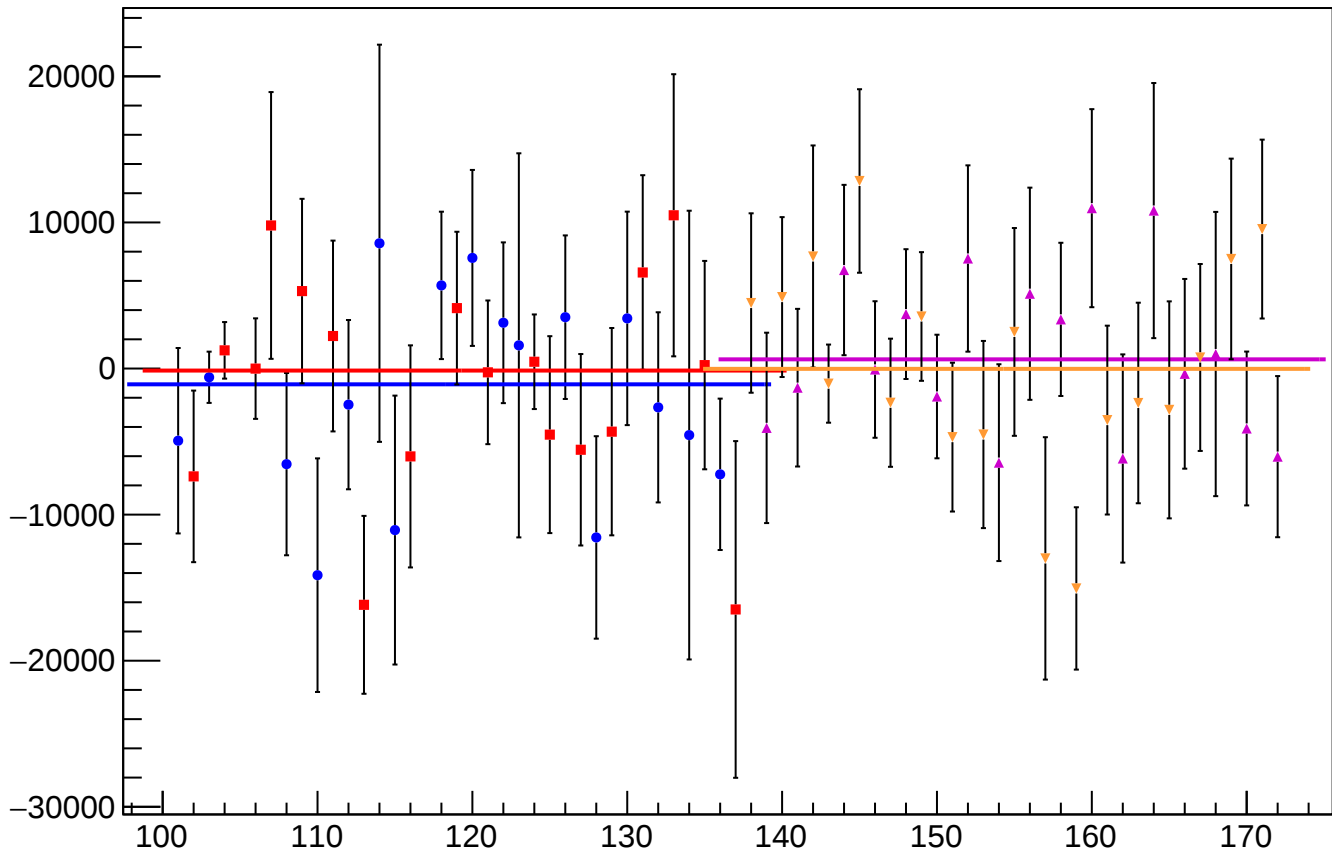
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1359.855+/-0.217 χ^2/NDF : 554422.4/33

Out: 1388.730+/-0.219 χ^2/NDF : 867474.3/35

All: 1374.120+/-0.154 χ^2/NDF : 1430654.2/69

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -22.093 $\pm$ 1279.182 χ^2 /NDF:23.1/17

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

Left In: 628.835 $\pm$ 1415.023 χ^2 /NDF:12.4/16

Left: 270.634 $\pm$ 948.919 χ^2 /NDF: 35.6/34

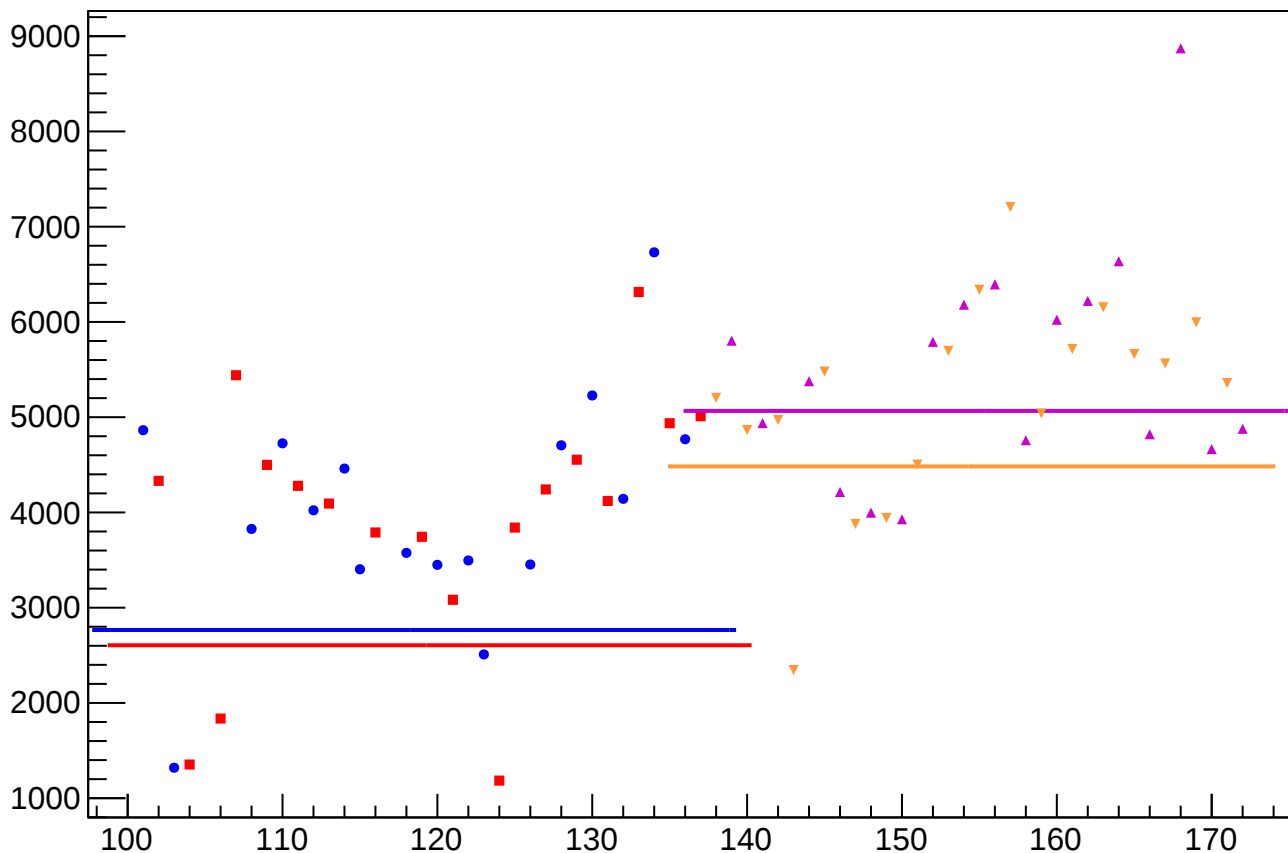
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -357.198 $\pm$ 920.668 χ^2 /NDF:28.3/33

Out: -87.702 $\pm$ 846.599 χ^2 /NDF:41.1/35

All: -211.175 $\pm$ 623.179 χ^2 /NDF: 69.4/69

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: 4483.328 $\pm$ 0.905 χ^2 /NDF: 2321941.0/17

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

Left In: 5065.786 $\pm$ 1.001 χ^2 /NDF: 993444.1/16

Left: 4745.264 $\pm$ 0.671 χ^2 /NDF: 3501862.5/34

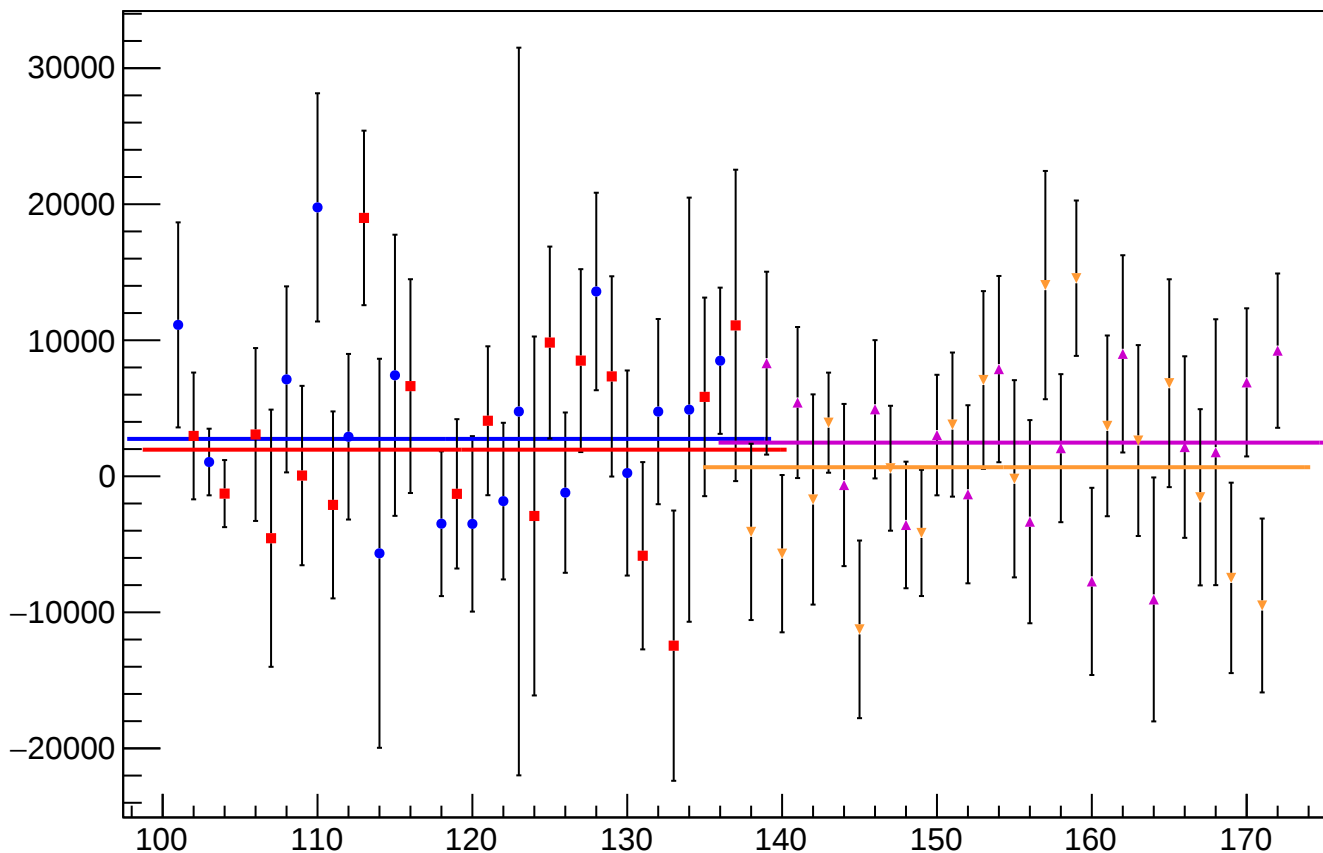
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3739.417 $\pm$ 0.651 χ^2 /NDF: 6979753.0/33

Out: 3428.036 $\pm$ 0.599 χ^2 /NDF: 8066346.5/35

All: 3570.699 $\pm$ 0.441 χ^2 /NDF: 15170058.1/6

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280 $\pm$ 1446.638 χ^2 /NDF: 13.8/16

Left Out: 667.378 $\pm$ 1395.509 χ^2 /NDF:21.8/17

Right Out: 1955.923 $\pm$ 1384.301 χ^2 /NDF: 17.8/17

Left In: 2474.101 $\pm$ 1466.012 χ^2 /NDF:11.6/16

Left: 1526.252 $\pm$ 1010.779 χ^2 /NDF: 34.1/34

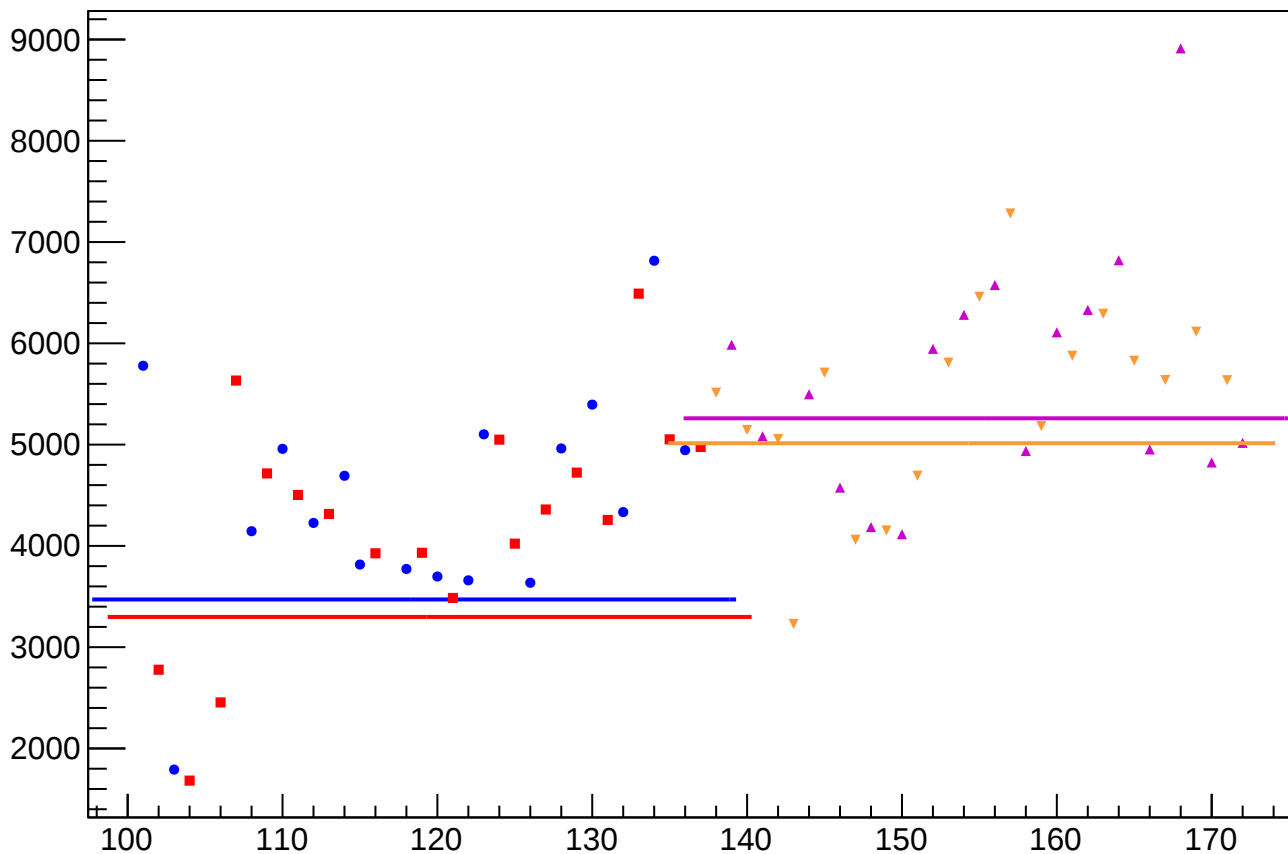
Right: 2334.662 $\pm$ 1000.160 χ^2 /NDF: 31.7/34

In: 2613.014 $\pm$ 1029.709 χ^2 /NDF:25.4/33

Out: 1316.846 $\pm$ 982.787 χ^2 /NDF:40.0/35

All: 1934.726 $\pm$ 710.945 χ^2 /NDF: 66.2/69

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: 5013.794+/-0.987 χ^2/NDF : 1135693.2/17

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

Left In: 5259.784+/-1.037 χ^2/NDF : 875190.9/16

Left: 5130.732+/-0.715 χ^2/NDF : 2040426.0/34

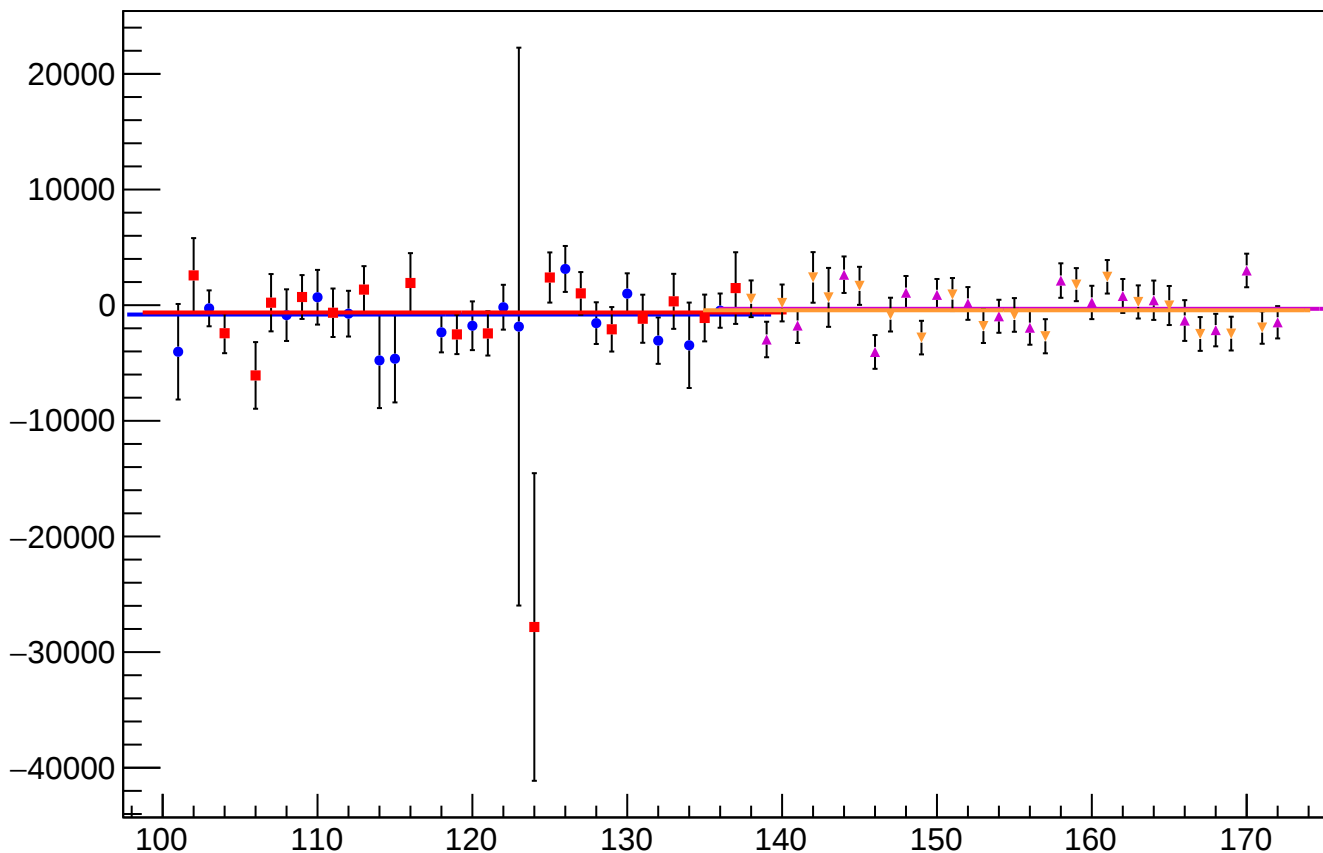
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4353.551+/-0.728 χ^2/NDF : 4151481.1/33

Out: 4141.410+/-0.692 χ^2/NDF : 4558353.8/35

All: 4242.044+/-0.501 χ^2/NDF : 8754455.6/69

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 $\pm$ 518.190 χ^2 /NDF: 11.2/16

Left Out: -440.539 $\pm$ 362.678 χ^2 /NDF:22.7/17

Right Out: -630.651 $\pm$ 514.931 χ^2 /NDF: 18.6/17

Left In: -313.363 $\pm$ 359.153 χ^2 /NDF:28.7/16

Left: -376.330 $\pm$ 255.196 χ^2 /NDF: 51.5/34

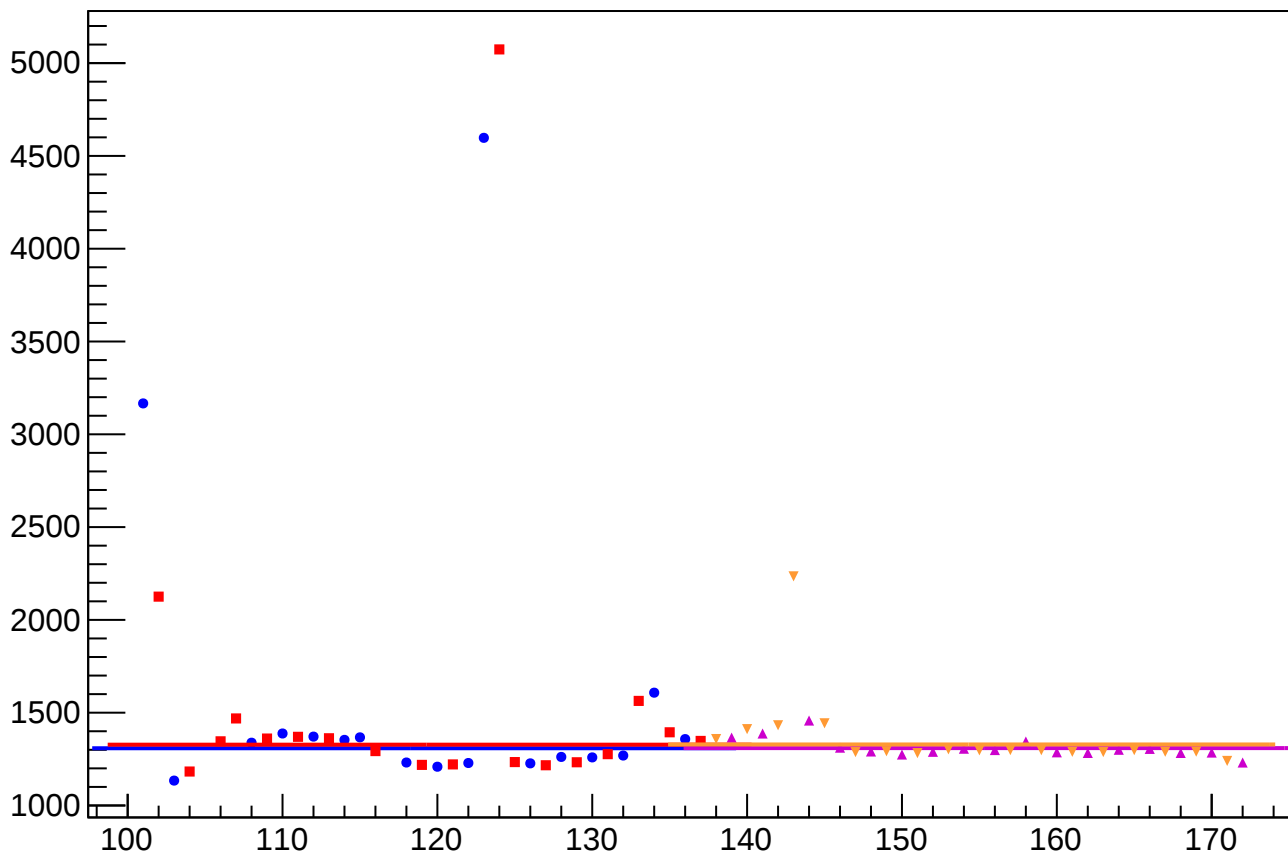
Right: -719.271 $\pm$ 365.258 χ^2 /NDF: 29.8/34

In: -474.200 $\pm$ 295.184 χ^2 /NDF:40.5/33

Out: -503.577 $\pm$ 296.514 χ^2 /NDF:41.3/35

All: -488.823 $\pm$ 209.195 χ^2 /NDF: 81.9/69

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1328.806 $\pm$ 0.256 χ^2 /NDF: 295967.3/17

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

Left In: 1309.165 $\pm$ 0.254 χ^2 /NDF: 37711.6/16

Left: 1318.889 $\pm$ 0.180 χ^2 /NDF: 336640.5/34

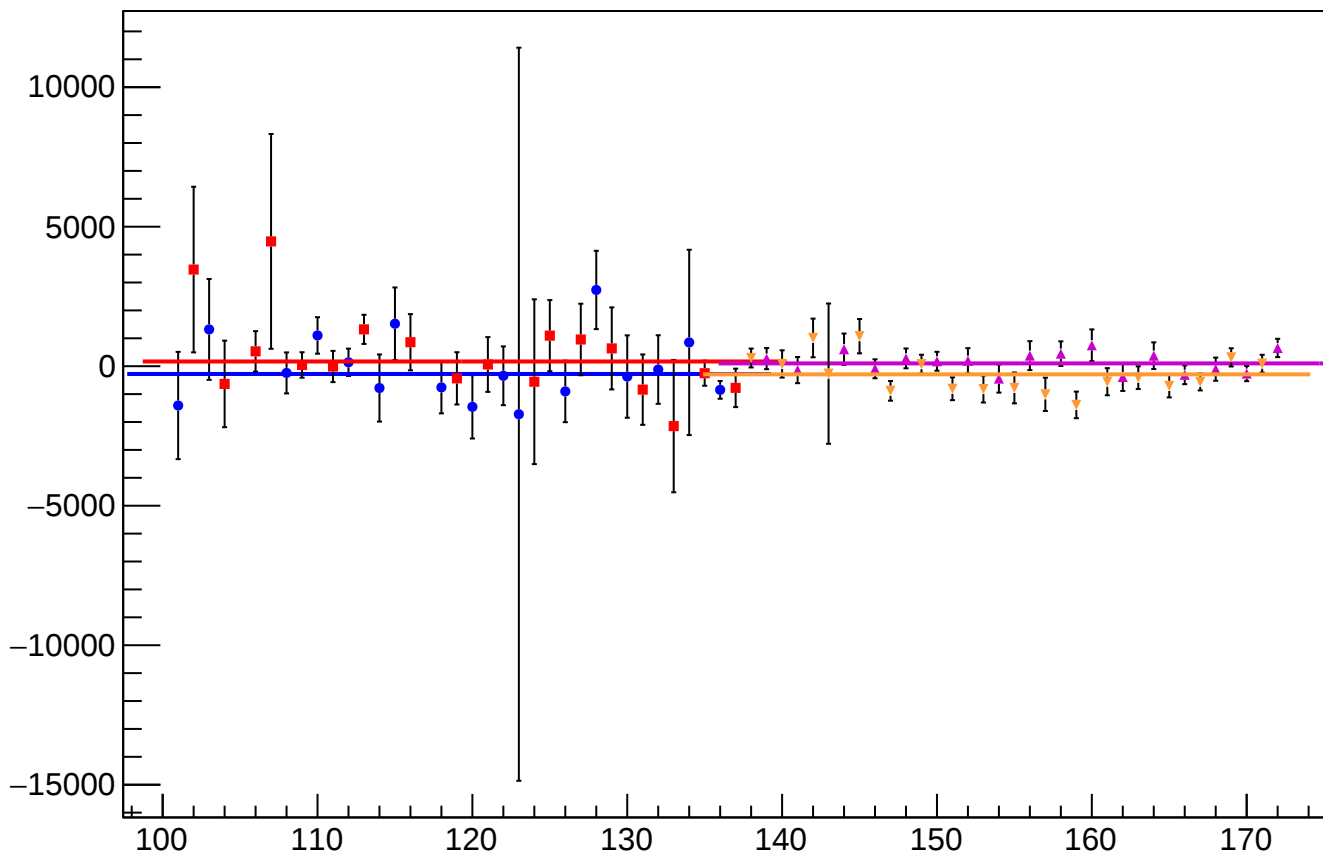
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1308.906 $\pm$ 0.209 χ^2 /NDF: 544259.9/33

Out: 1328.422 $\pm$ 0.210 χ^2 /NDF: 653304.6/35

All: 1318.620 $\pm$ 0.148 χ^2 /NDF: 1201916.1/69

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -291.350+/-99.160 χ^2/NDF :33.4/17

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

Left In: 100.512+/-96.900 χ^2/NDF :13.0/16

Left: -90.903+/-69.304 χ^2/NDF : 54.4/34

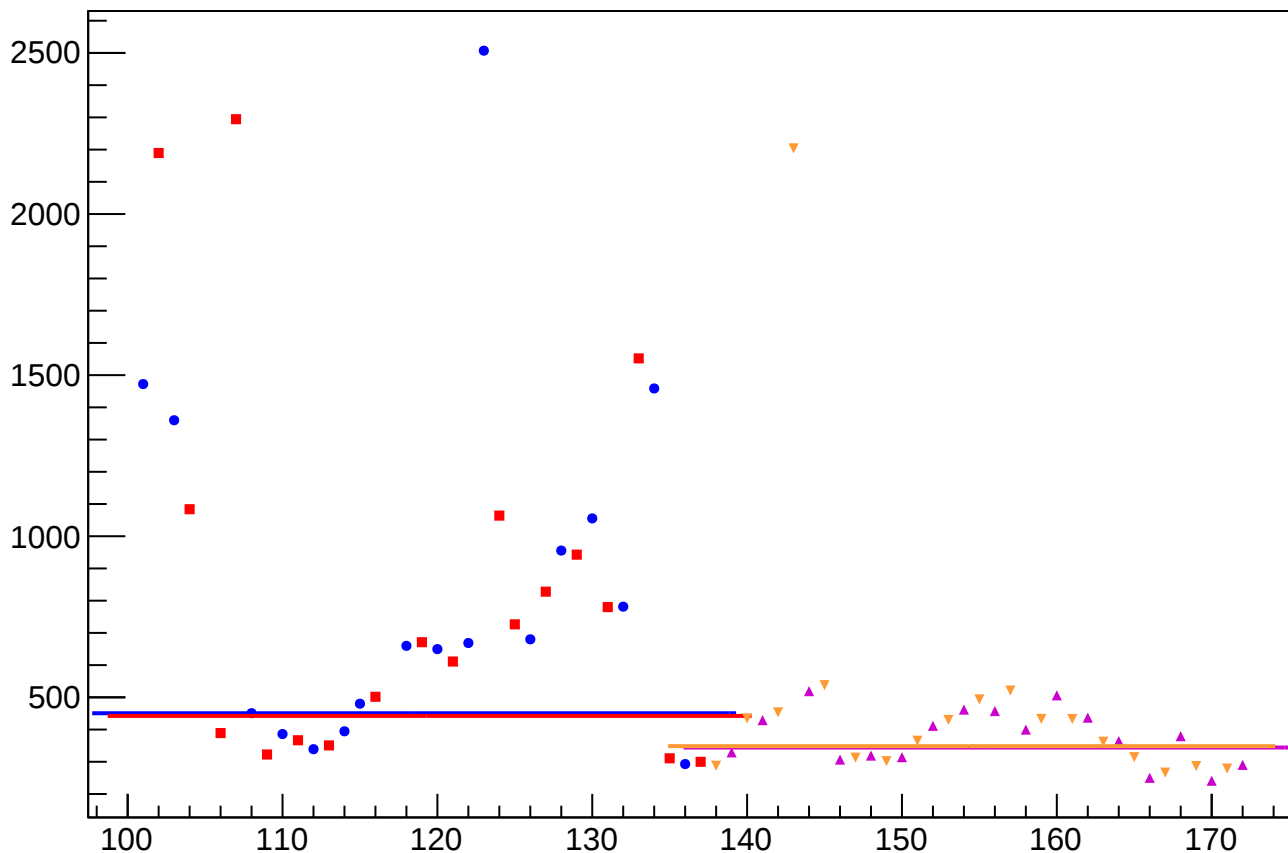
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 27.309+/-87.047 χ^2/NDF :34.0/33

Out: -194.676+/-88.151 χ^2/NDF :52.3/35

All: -82.285+/-61.938 χ^2/NDF : 89.5/69

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: 348.525 $\pm$ 0.070 χ^2 /NDF: 2326012.2/17

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

Left In: 344.224 $\pm$ 0.069 χ^2 /NDF: 1337829.9/16

Left: 346.325 $\pm$ 0.049 χ^2 /NDF: 3665766.4/34

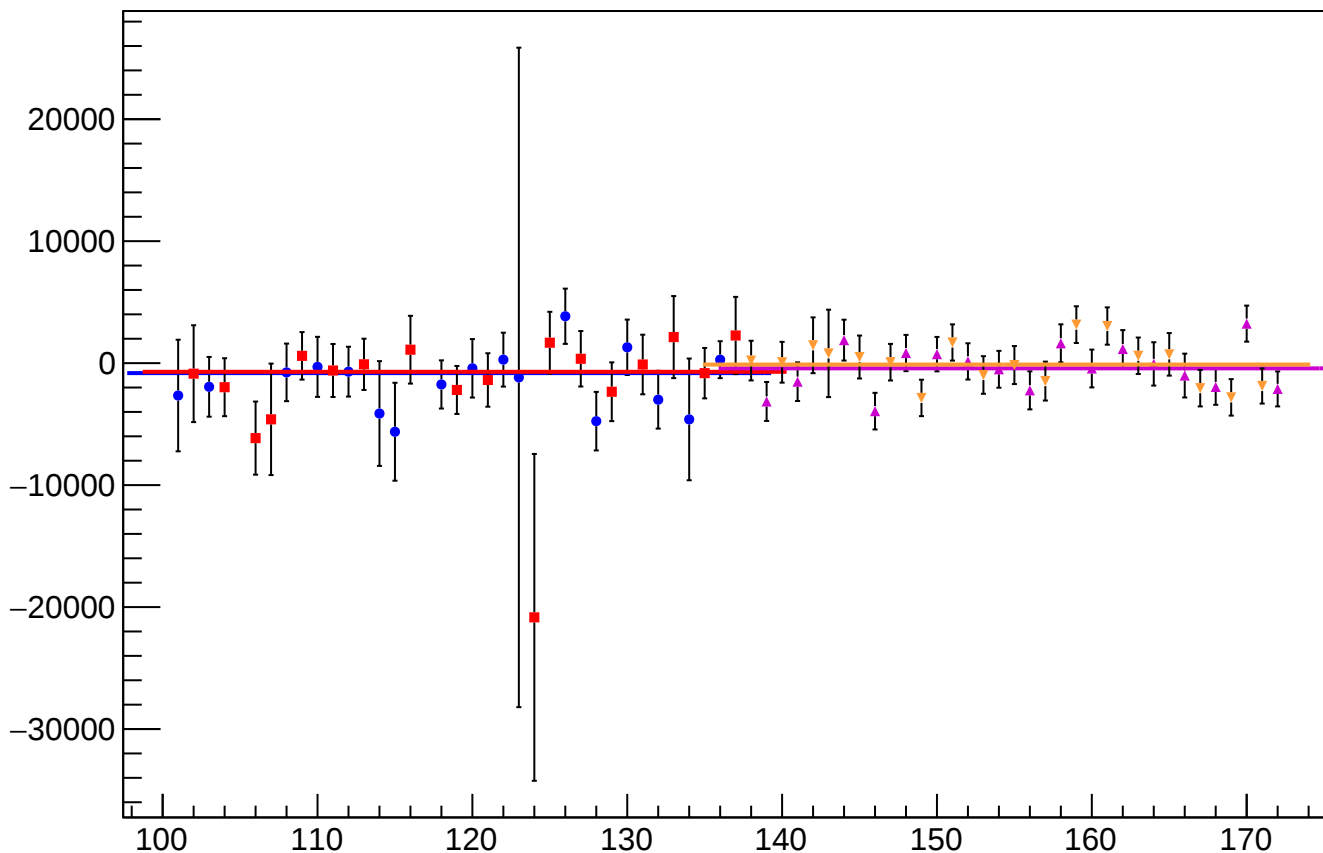
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 364.758 $\pm$ 0.062 χ^2 /NDF: 4800792.0/33

Out: 368.206 $\pm$ 0.062 χ^2 /NDF: 6070010.6/35

All: 366.460 $\pm$ 0.044 χ^2 /NDF: 10872352.0/69

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: -114.618+/-380.198 χ^2 /NDF:22.5/17

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

Left In: -428.573+/-374.571 χ^2 /NDF:25.2/16

Left: -273.936+/-266.829 χ^2 /NDF: 48.0/34

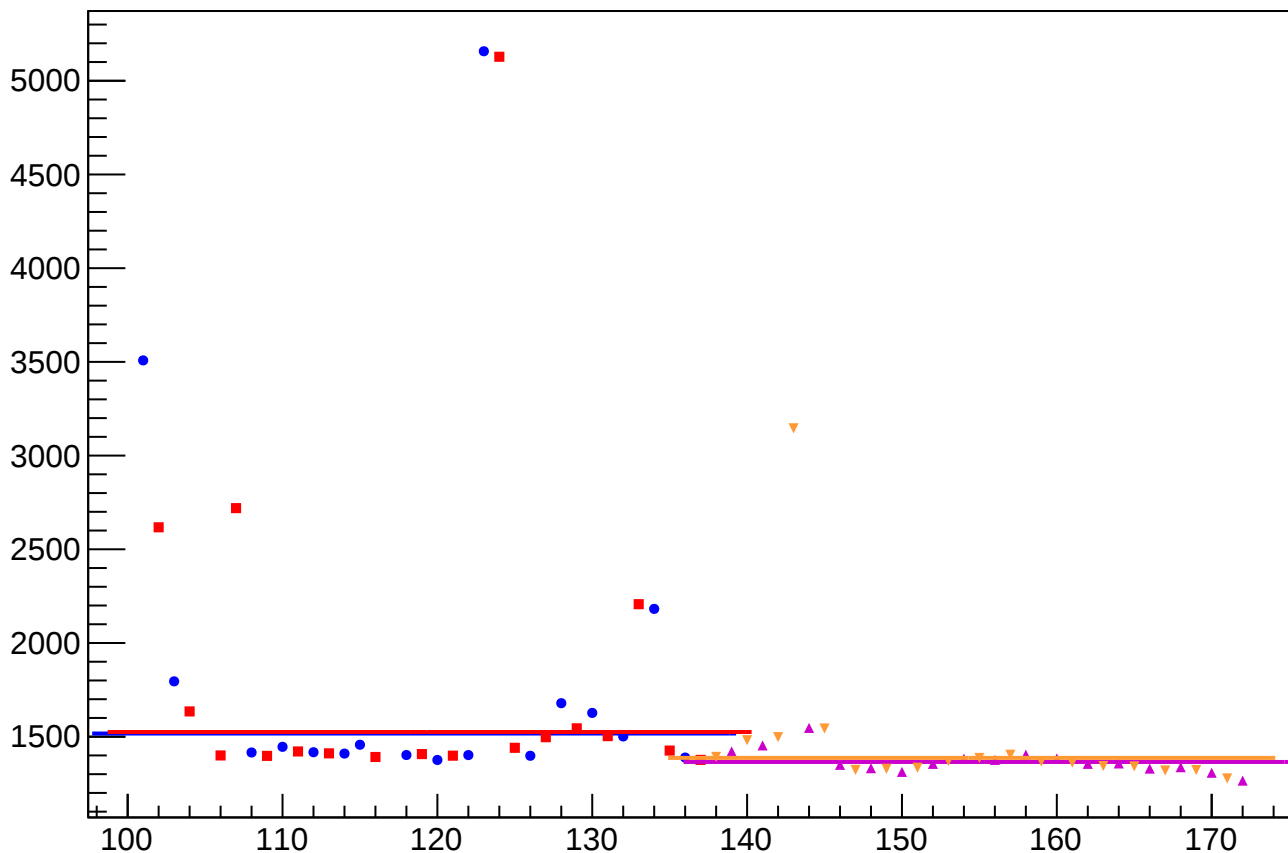
Right: -763.412+/-423.268 χ^2 /NDF: 24.1/34

In: -537.233+/-317.908 χ^2 /NDF:38.2/33

Out: -286.976+/-320.543 χ^2 /NDF:34.6/35

All: -413.137+/-225.721 χ^2 /NDF: 73.1/69

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1386.919 $\pm$ 0.269 χ^2 /NDF: 541492.6/17

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1365.156 $\pm$ 0.265 χ^2 /NDF: 52570.2/16

Left: 1375.875 $\pm$ 0.189 χ^2 /NDF: 597388.3/34

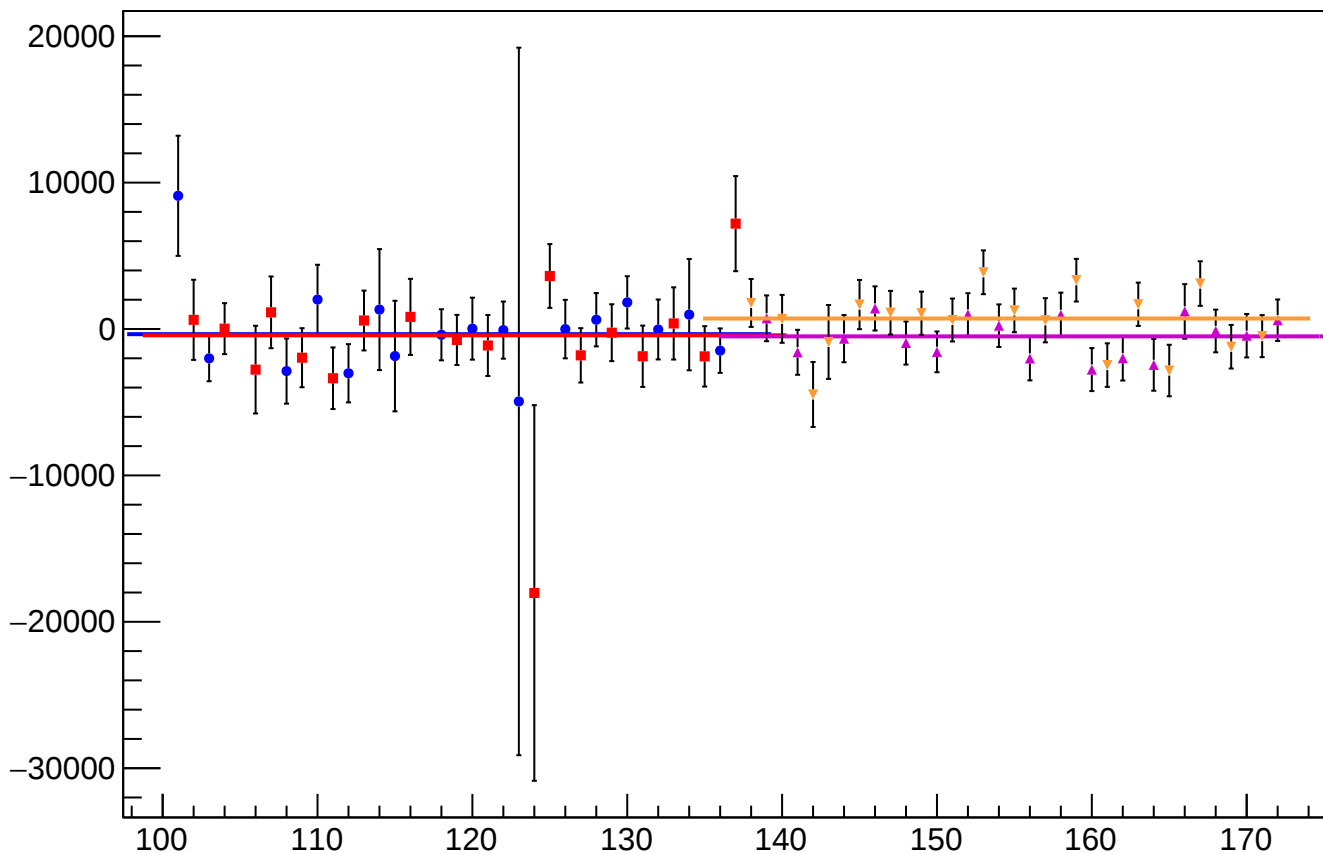
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1407.603 $\pm$ 0.225 χ^2 /NDF: 685448.9/33

Out: 1426.880 $\pm$ 0.227 χ^2 /NDF: 1189821.7/35

All: 1417.162 $\pm$ 0.160 χ^2 /NDF: 1878917.0/69

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: 717.583+/-371.536 χ^2/NDF : 28.5/17

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

Left In: -502.711+/-368.082 χ^2/NDF : 12.7/16

Left: 101.738+/-261.486 χ^2/NDF : 46.7/34

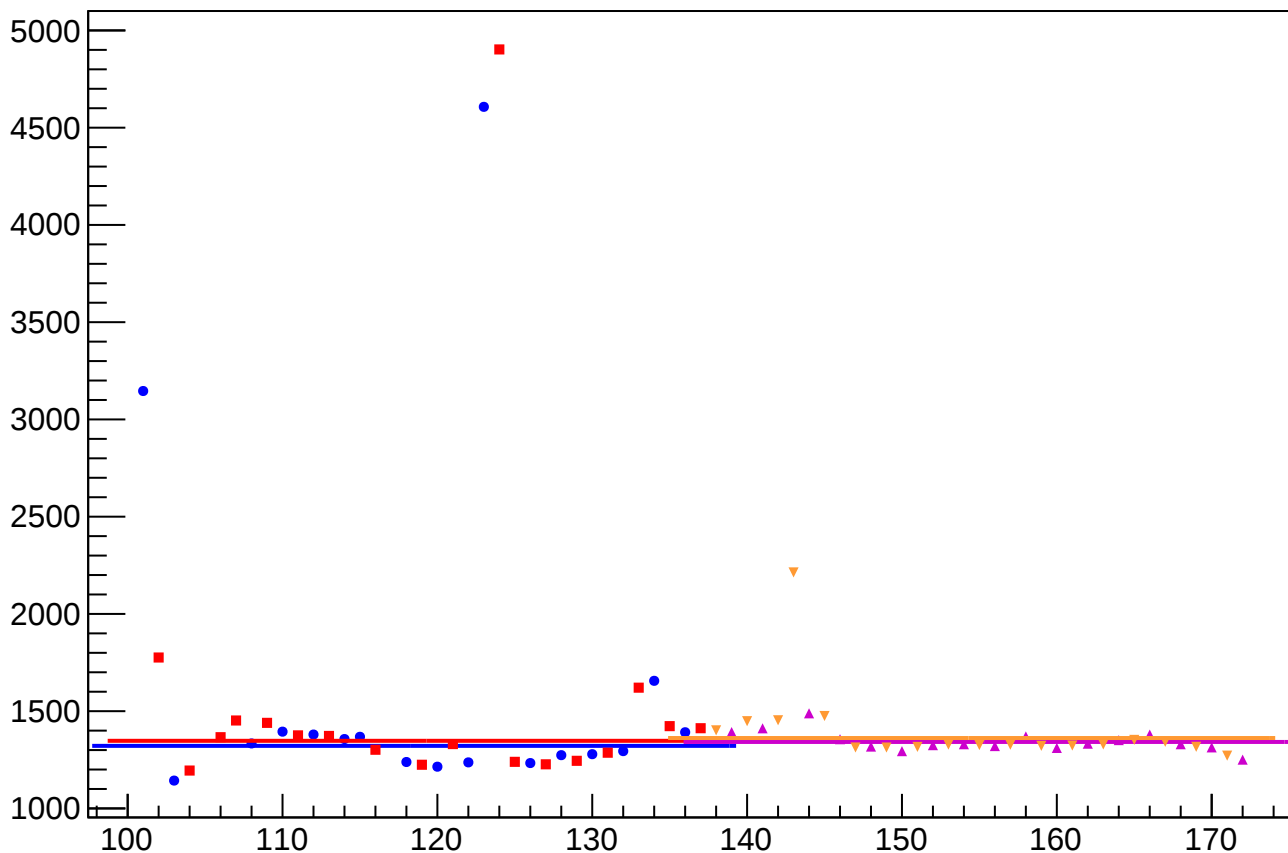
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -453.204+/-301.070 χ^2/NDF : 26.2/33

Out: 332.321+/-302.760 χ^2/NDF : 48.5/35

All: -62.640+/-213.483 χ^2/NDF : 78.1/69

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1361.959+/-0.263 χ^2/NDF : 270372.5/17

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

Left In: 1341.783+/-0.260 χ^2/NDF : 38358.3/16

Left: 1351.777+/-0.185 χ^2/NDF : 311707.4/34

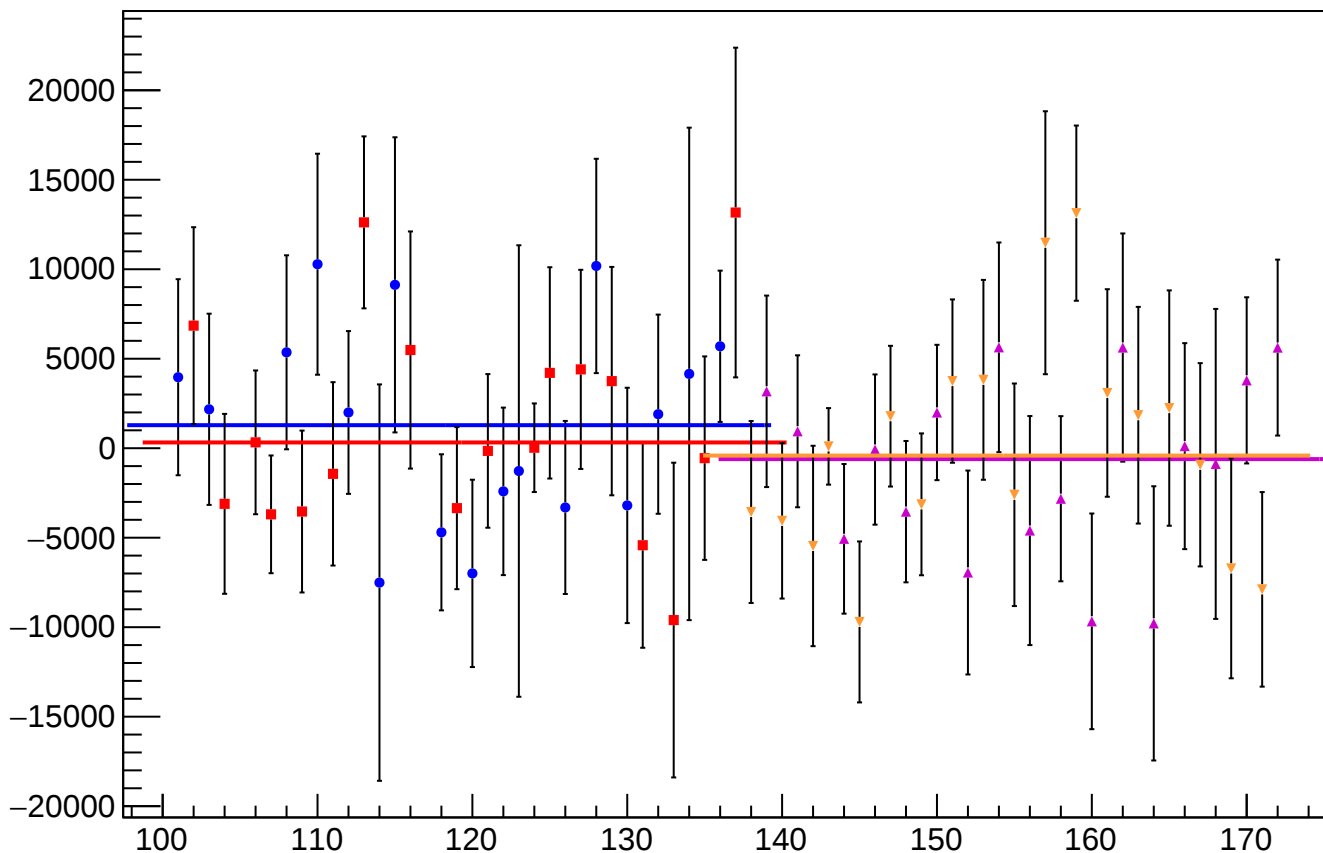
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1335.137+/-0.213 χ^2/NDF : 542574.1/33

Out: 1357.147+/-0.214 χ^2/NDF : 557671.6/35

All: 1346.082+/-0.151 χ^2/NDF : 1105561.4/69

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: -410.335+/-1079.539 χ^2/NDF : 22.4/17

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

Left In: -607.537+/-1221.336 χ^2/NDF : 13.0/16

Left: -496.829+/-808.858 χ^2/NDF : 35.4/34

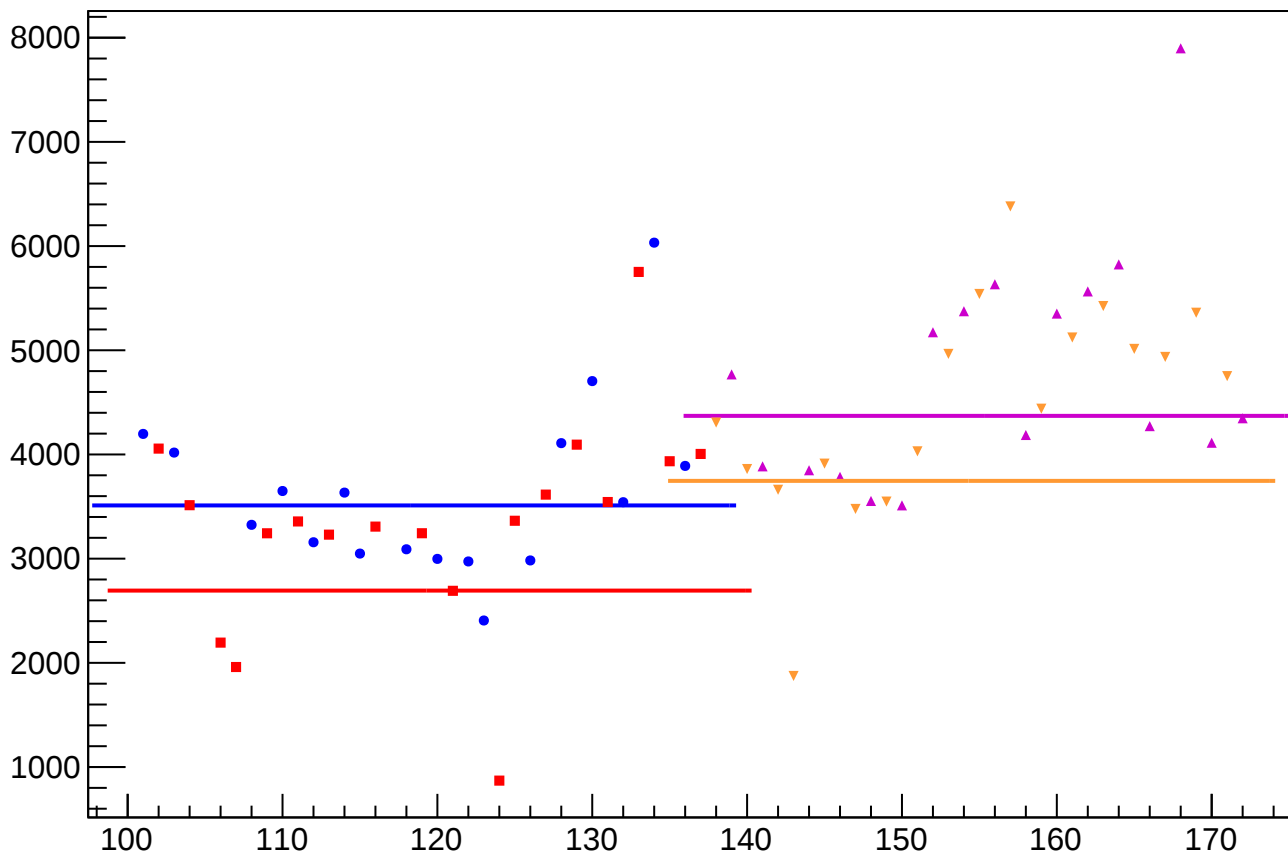
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 227.634+/-913.380 χ^2/NDF : 28.3/33

Out: -53.134+/-772.391 χ^2/NDF : 40.2/35

All: 63.931+/-589.782 χ^2/NDF : 68.6/69

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3746.516 $\pm$ 0.763 χ^2 /NDF: 2778961.1/17

Right Out: 2693.503 $\pm$ 0.782 χ^2 /NDF: 2125842.2/17

Left In: 4370.494 $\pm$ 0.864 χ^2 /NDF: 1009521.2/16

Left: 4020.196 $\pm$ 0.572 χ^2 /NDF: 4081548.6/34

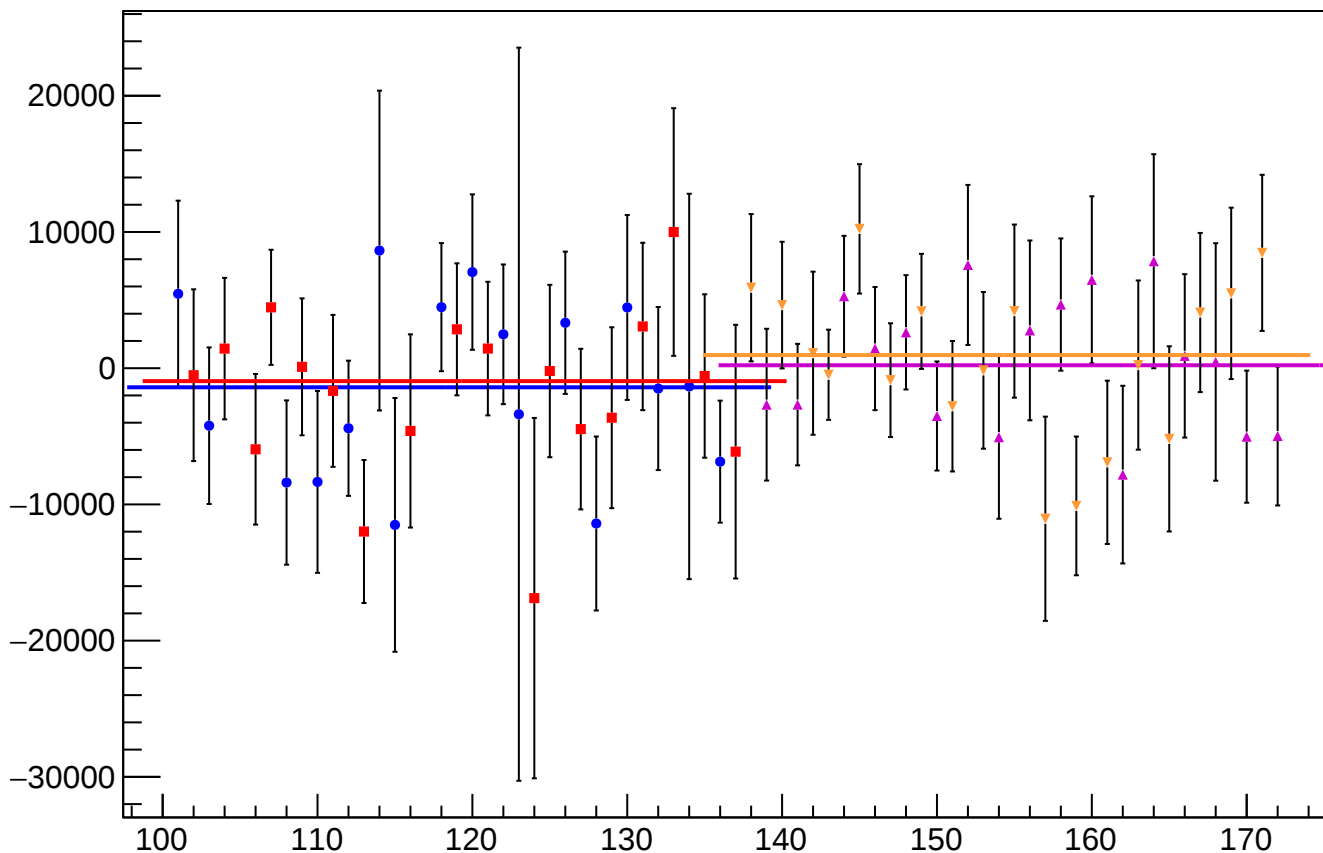
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3991.612 $\pm$ 0.646 χ^2 /NDF: 1790299.6/33

Out: 3232.557 $\pm$ 0.546 χ^2 /NDF: 5833589.8/35

All: 3549.042 $\pm$ 0.417 χ^2 /NDF: 8429235.3/69

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 964.326+/-1219.176 χ^2/NDF : 19.5/17

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

Left In: 216.058+/-1278.299 χ^2/NDF : 12.3/16

Left: 607.896+/-882.249 χ^2/NDF : 32.0/34

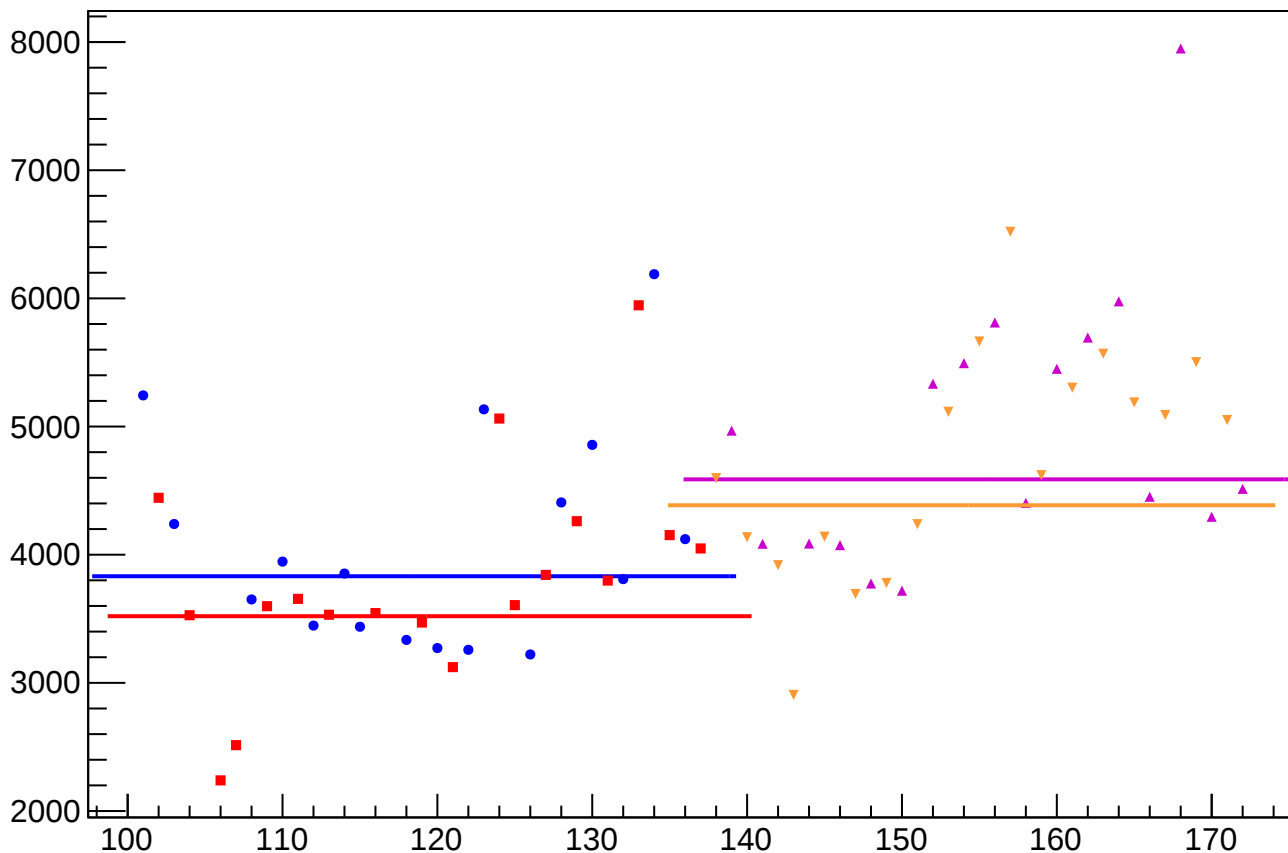
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -462.259+/-974.059 χ^2/NDF : 28.8/33

Out: 127.901+/-914.467 χ^2/NDF : 33.0/35

All: -148.575+/-666.698 χ^2/NDF : 62.1/69

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2 /NDF: 337707.1/16

Left Out: 4385.765 $\pm$ 0.862 χ^2 /NDF:1069762.9/17

Right Out: 3520.188 $\pm$ 0.969 χ^2 /NDF: 544143.8/17

Left In: 4587.891 $\pm$ 0.904 χ^2 /NDF:870922.8/16

Left: 4482.046 $\pm$ 0.624 χ^2 /NDF: 1966871.0/34

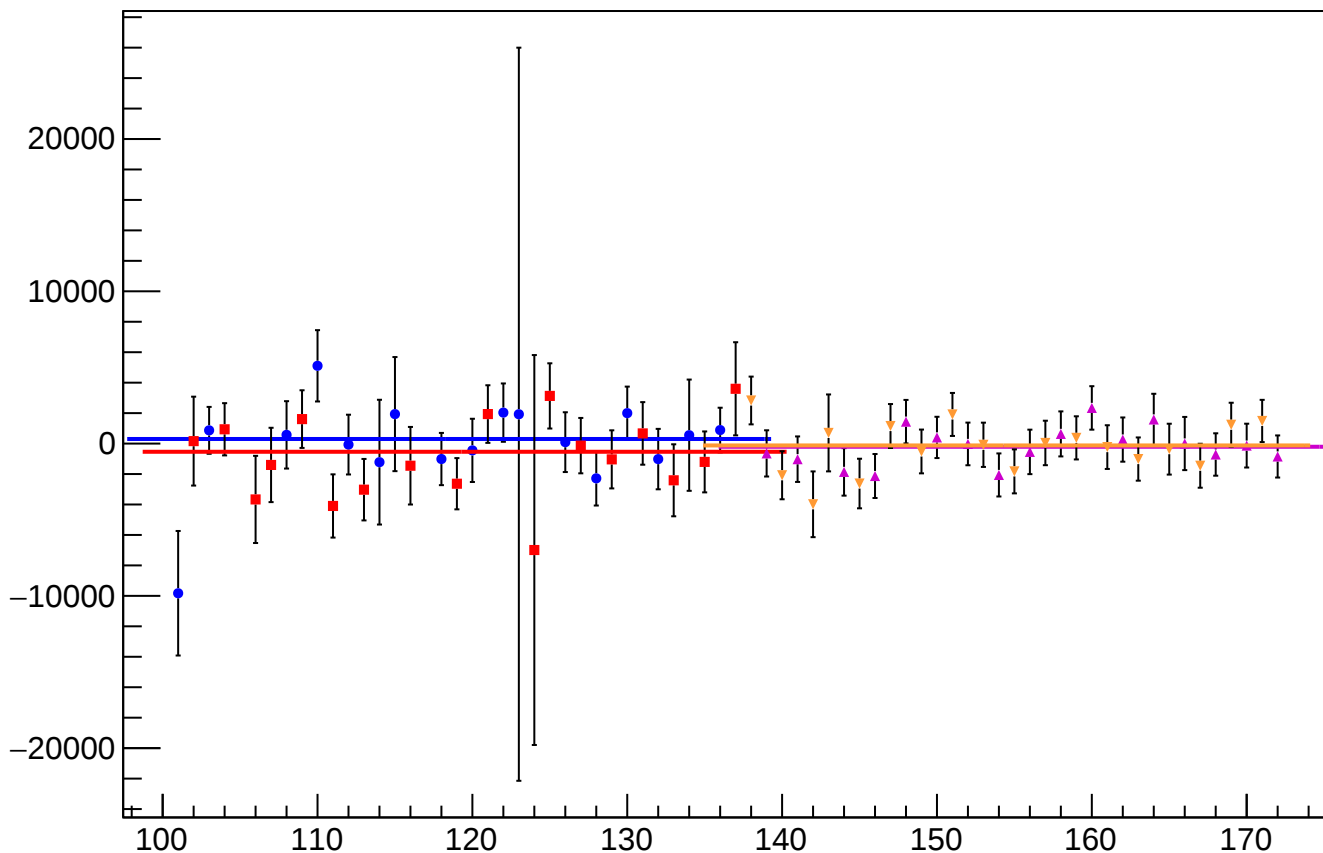
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4270.814 $\pm$ 0.689 χ^2 /NDF:1502052.9/33

Out: 4003.251 $\pm$ 0.644 χ^2 /NDF:2059410.6/35

All: 4128.061 $\pm$ 0.470 χ^2 /NDF: 3641978.7/69

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: -121.997 ± 358.960 $\chi^2/\text{NDF}: 18.7/17$

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

Left In: -208.690 ± 355.517 $\chi^2/\text{NDF}: 11.7/16$

Left: -165.761 ± 252.597 $\chi^2/\text{NDF}: 30.5/34$

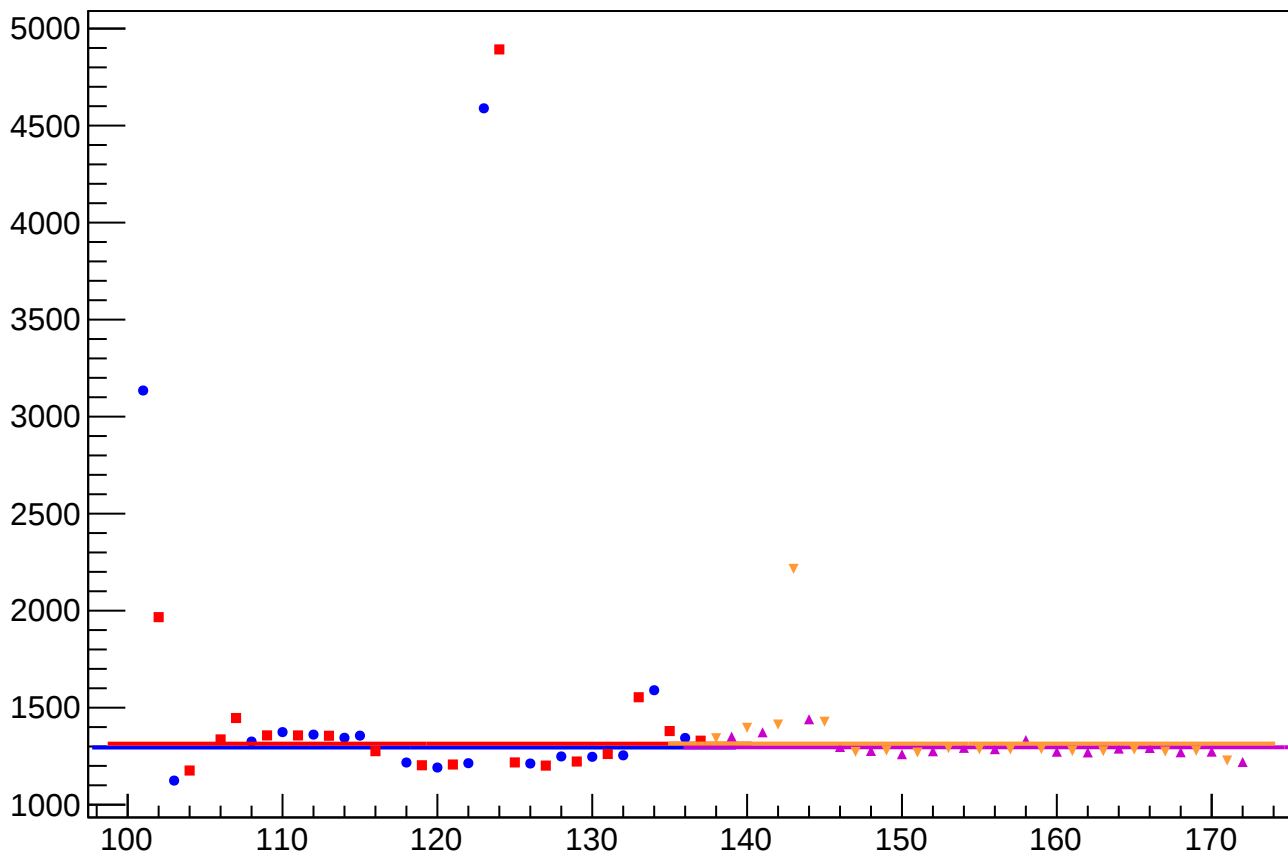
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -42.935 ± 292.176 $\chi^2/\text{NDF}: 28.4/33$

Out: -260.196 ± 293.289 $\chi^2/\text{NDF}: 36.6/35$

All: -151.153 ± 206.992 $\chi^2/\text{NDF}: 65.4/69$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1315.105+/-0.254 χ^2/NDF : 296507.0/17

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1295.897+/-0.251 χ^2/NDF : 36980.6/16

Left: 1305.408+/-0.179 χ^2/NDF : 336378.3/34

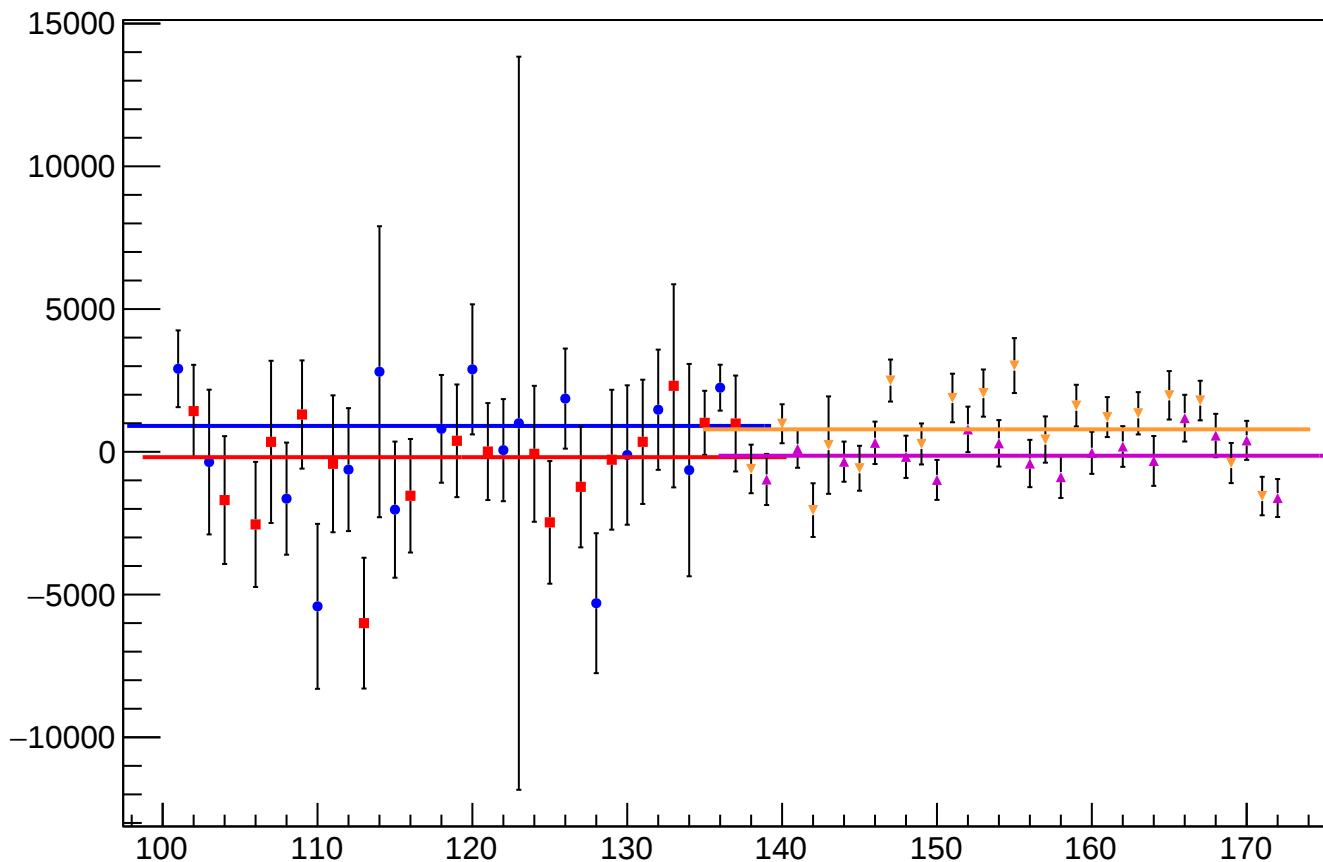
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1295.518+/-0.207 χ^2/NDF : 544791.5/33

Out: 1314.933+/-0.207 χ^2/NDF : 630347.0/35

All: 1305.189+/-0.146 χ^2/NDF : 1179537.3/69

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: 787.193 $\pm$ 184.777 χ^2/NDF : 51.6/17

Right Out: -188.170 $\pm$ 464.537 χ^2/NDF : 13.8/17

Left In: -136.844 $\pm$ 181.427 χ^2/NDF : 15.0/16

Left: 316.720 $\pm$ 129.456 χ^2/NDF : 79.3/34

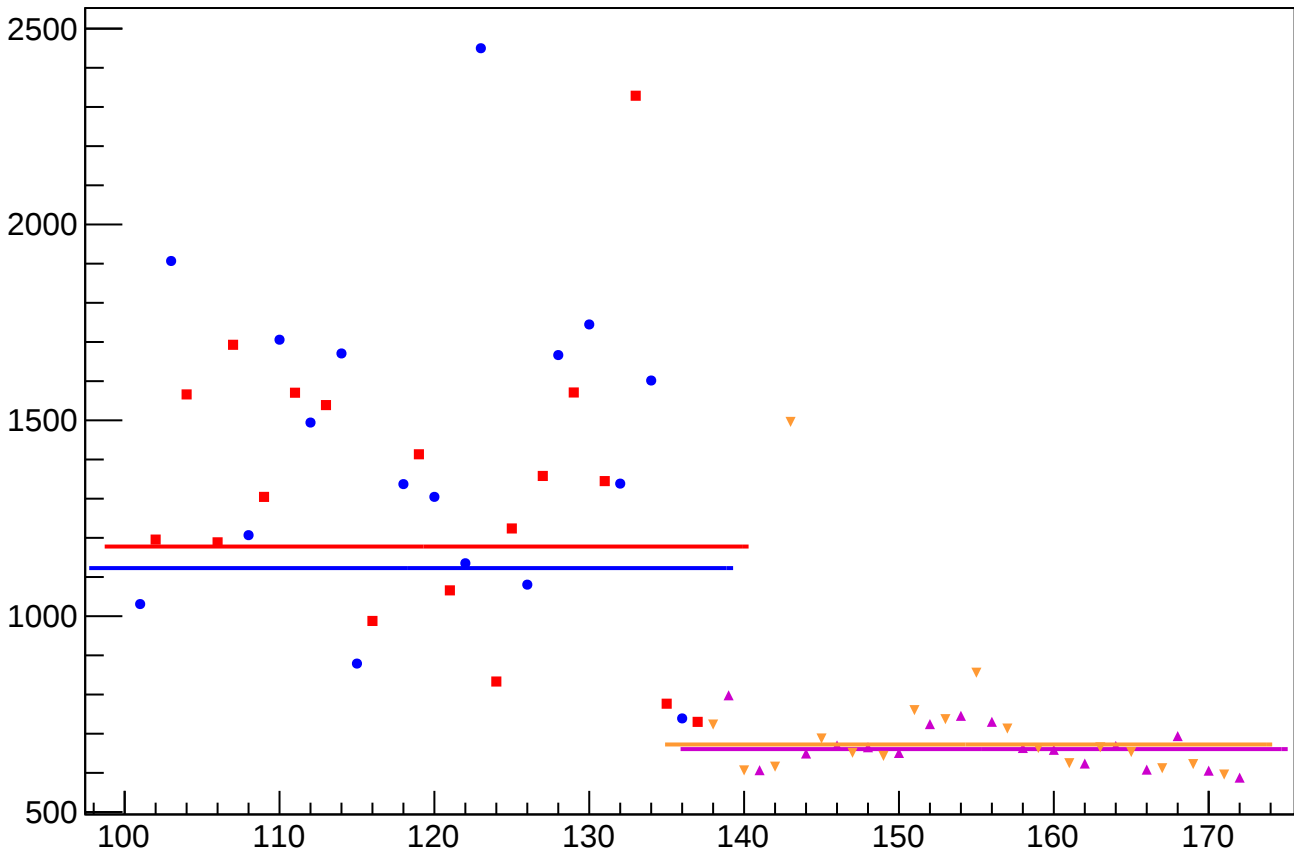
Right: 369.604 $\pm$ 325.359 χ^2/NDF : 38.7/34

In: 5.855 $\pm$ 168.566 χ^2/NDF : 41.5/33

Out: 653.953 $\pm$ 171.693 χ^2/NDF : 69.2/35

All: 323.948 $\pm$ 120.285 χ^2/NDF : 118.0/69

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: 672.492+/-0.131 χ^2/NDF : 677915.1/17

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 660.680+/-0.128 χ^2/NDF : 164854.1/16

Left: 666.478+/-0.092 χ^2/NDF : 846930.6/34

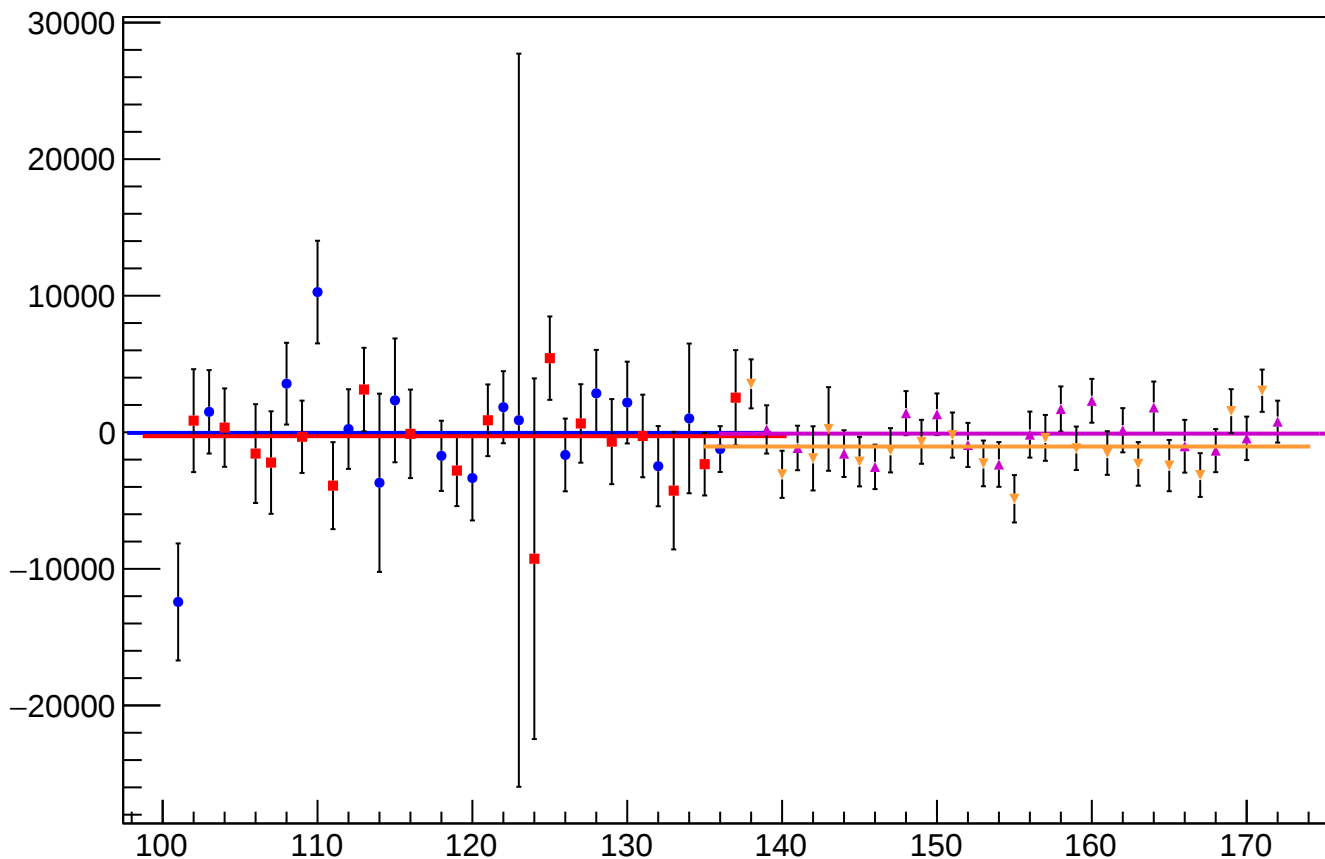
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 723.869+/-0.119 χ^2/NDF : 3127051.8/33

Out: 741.519+/-0.121 χ^2/NDF : 3742806.8/35

All: 732.532+/-0.085 χ^2/NDF : 6880620.4/69

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: -1042.320 ± 405.802 χ^2/NDF : 27.1/17

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -97.993 ± 400.241 χ^2/NDF : 13.0/16

Left: -563.642 ± 284.959 χ^2/NDF : 42.8/34

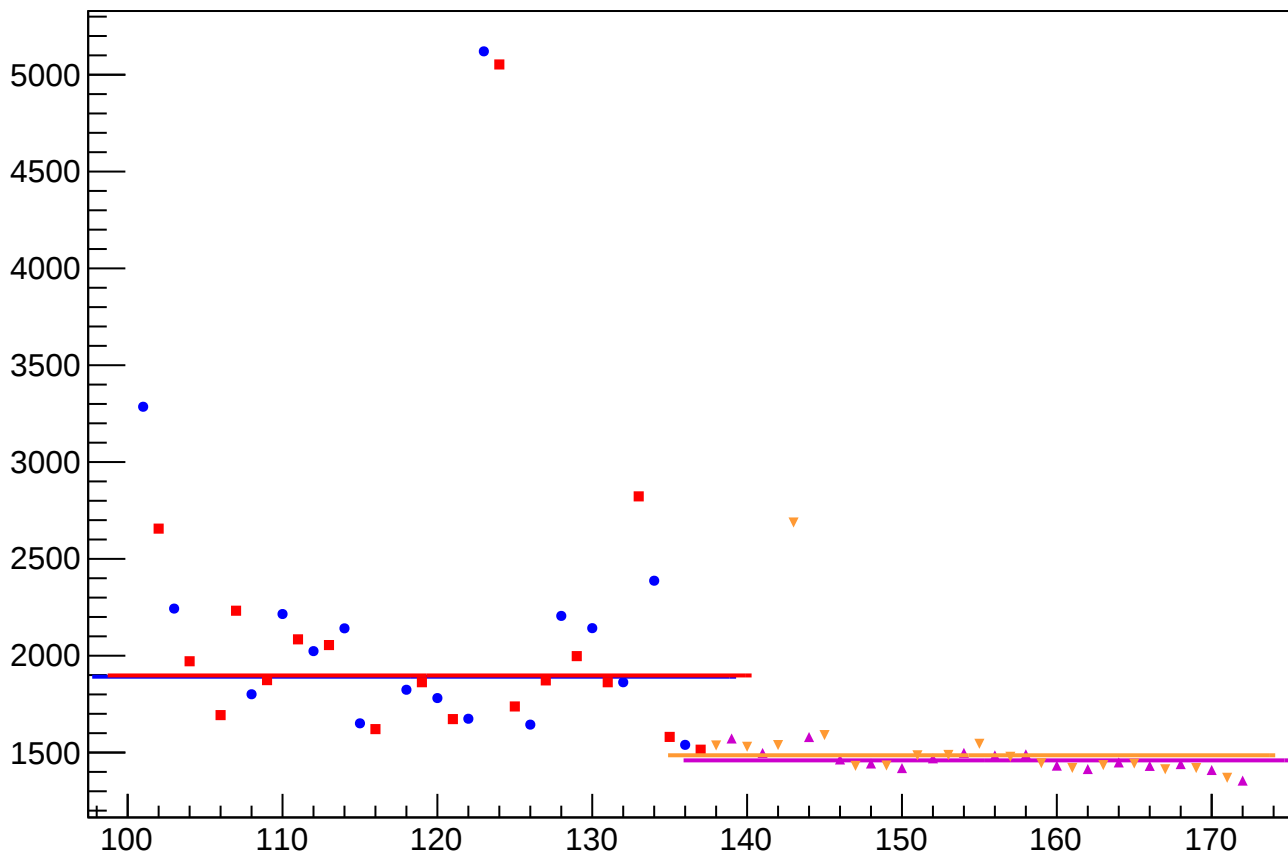
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -86.046 ± 352.854 χ^2/NDF : 36.2/33

Out: -865.630 ± 355.297 χ^2/NDF : 38.5/35

All: -473.149 ± 250.365 χ^2/NDF : 77.1/69

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: 1485.829 $\pm$ 0.287 χ^2 /NDF: 351905.6/17

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1459.521 $\pm$ 0.283 χ^2 /NDF: 37297.8/16

Left: 1472.494 $\pm$ 0.201 χ^2 /NDF: 393464.2/34

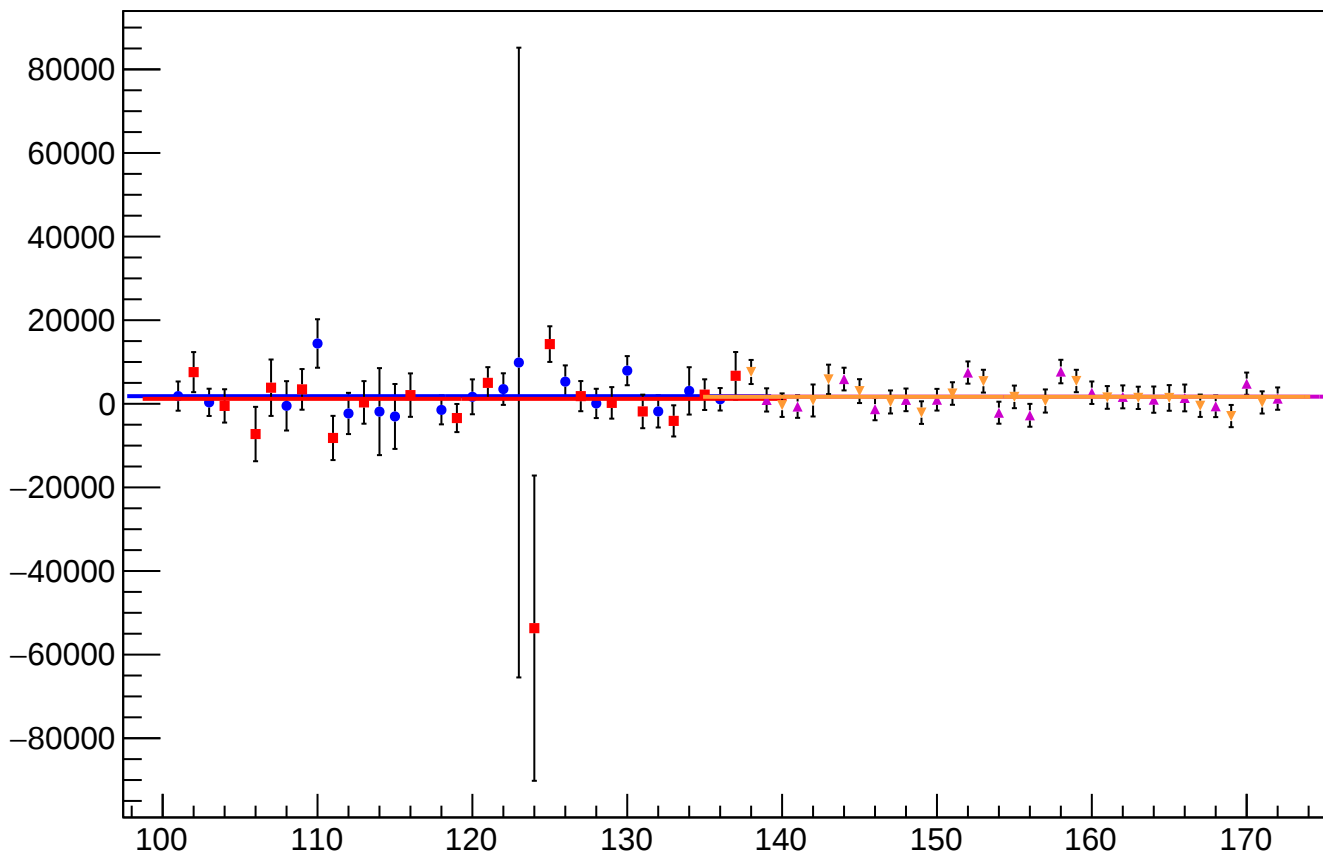
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1555.794 $\pm$ 0.250 χ^2 /NDF: 1025805.9/33

Out: 1582.044 $\pm$ 0.251 χ^2 /NDF: 1257252.9/35

All: 1568.828 $\pm$ 0.177 χ^2 /NDF: 2288555.3/69

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1674.192 $\pm$ 663.604 χ^2 /NDF:16.6/17

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1705.452 $\pm$ 663.128 χ^2 /NDF:21.1/16

Left: 1689.833 $\pm$ 469.071 χ^2 /NDF: 37.7/34

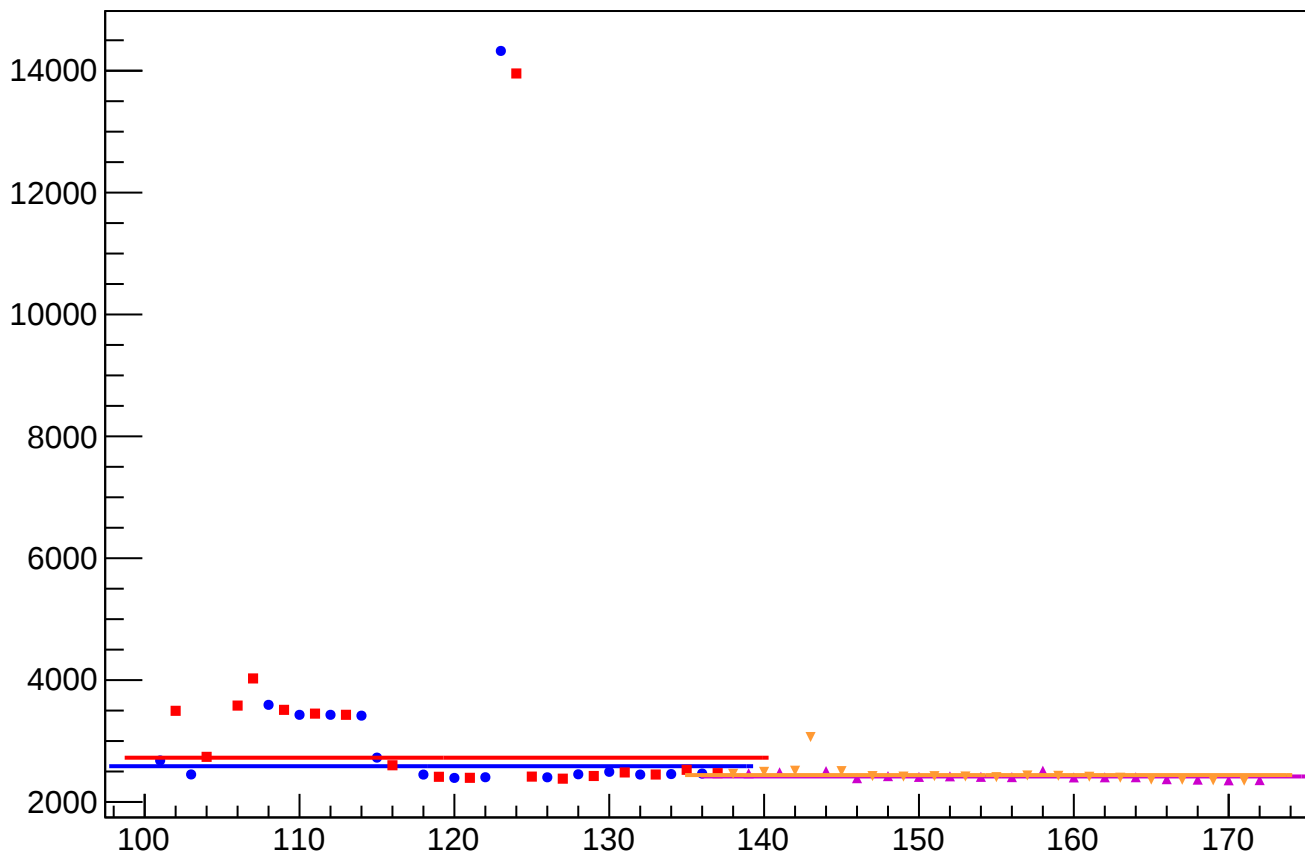
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1741.467 $\pm$ 554.355 χ^2 /NDF:33.6/33

Out: 1533.924 $\pm$ 560.951 χ^2 /NDF:42.2/35

All: 1638.923 $\pm$ 394.299 χ^2 /NDF: 75.9/69

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2441.317 $\pm$ 0.469 χ^2 /NDF: 74343.5/17

Right Out: 2726.457 $\pm$ 0.742 χ^2 /NDF: 580850.1/17

Left In: 2418.511 $\pm$ 0.469 χ^2 /NDF: 10159.6/16

Left: 2429.906 $\pm$ 0.332 χ^2 /NDF: 85685.1/34

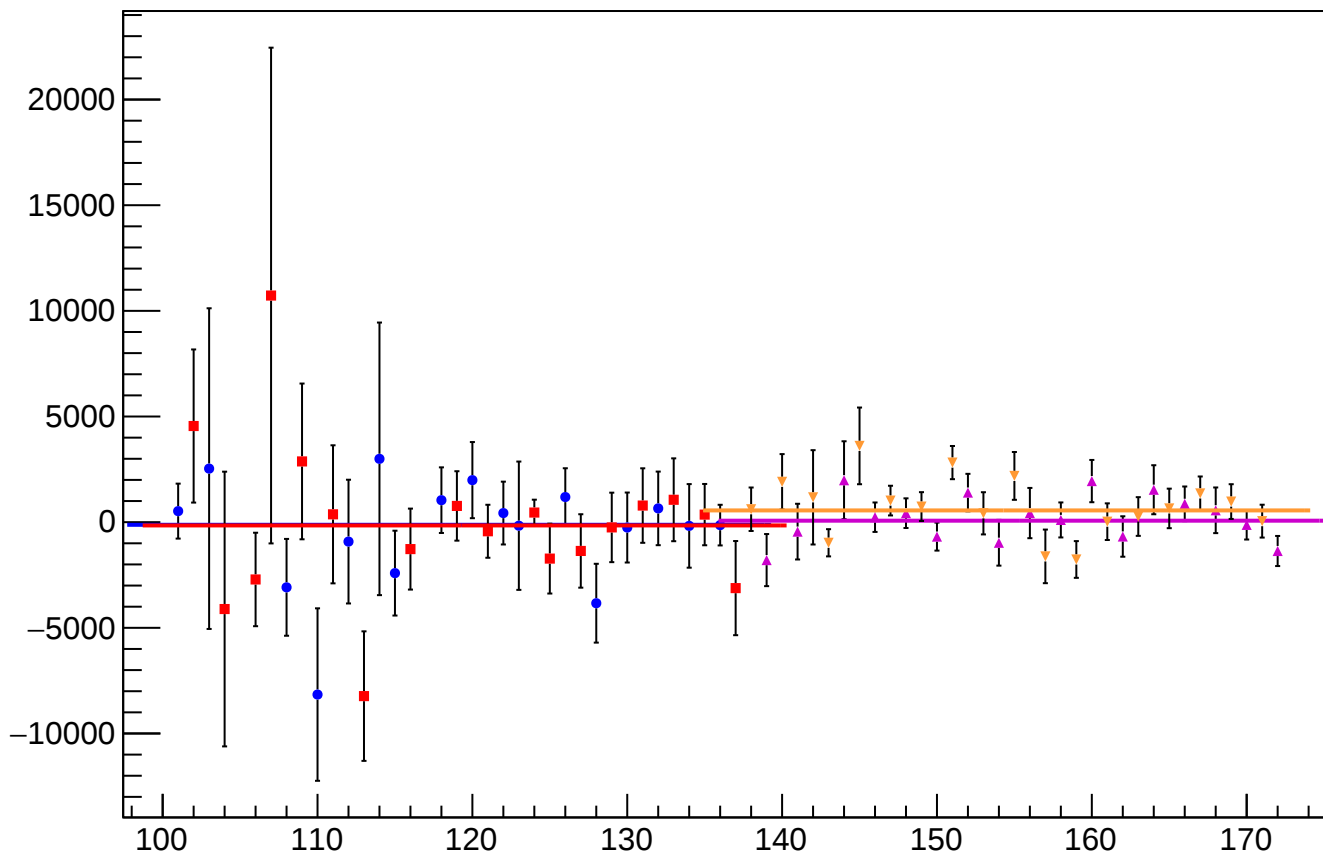
Right: 2654.027 $\pm$ 0.515 χ^2 /NDF: 853292.0/34

In: 2469.245 $\pm$ 0.392 χ^2 /NDF: 303146.1/33

Out: 2522.711 $\pm$ 0.397 χ^2 /NDF: 760598.2/35

All: 2495.662 $\pm$ 0.279 χ^2 /NDF: 1072936.3/69

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 556.348 ± 211.639 χ^2/NDF : 32.8/17

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 70.198 ± 216.053 χ^2/NDF : 19.4/16

Left: 318.289 ± 151.188 χ^2/NDF : 54.8/34

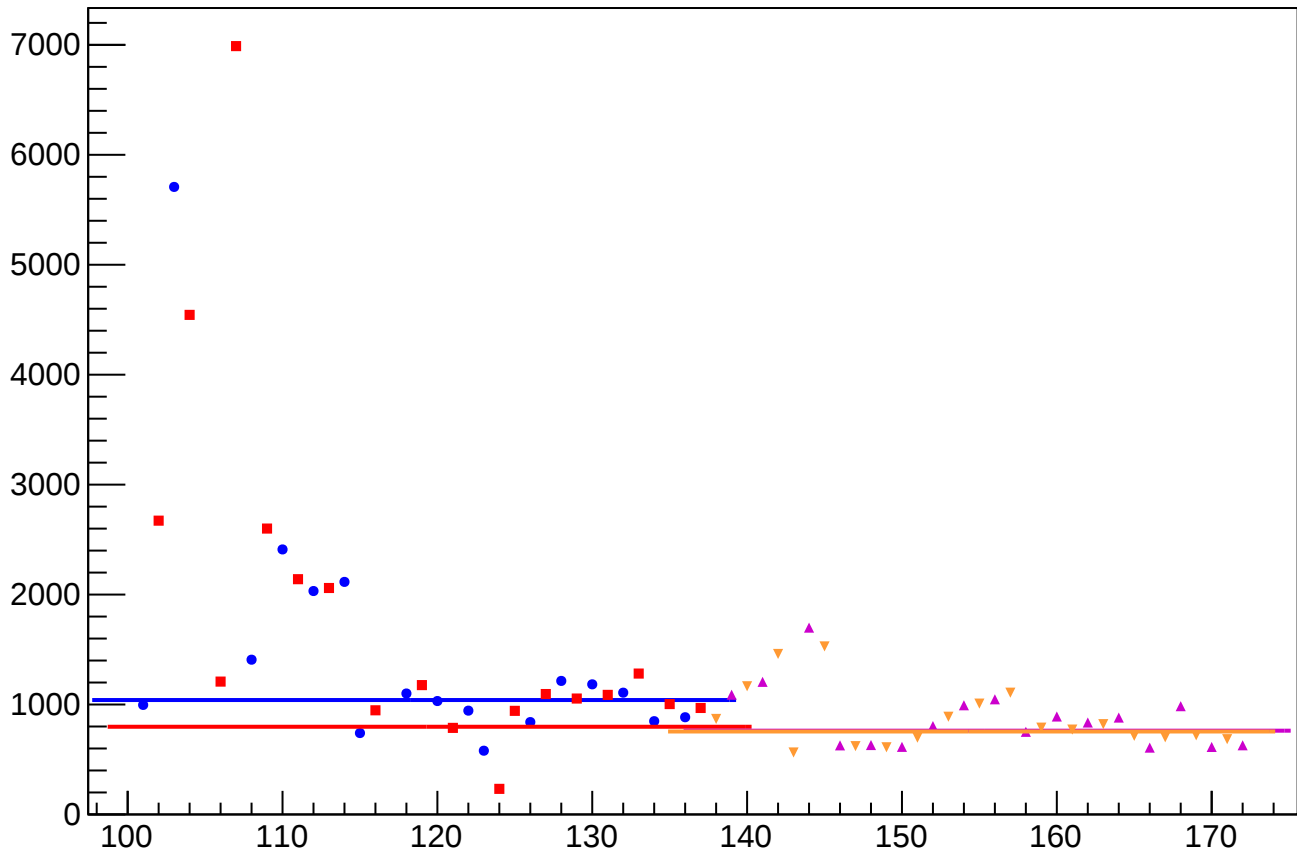
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: 31.069 ± 193.123 χ^2/NDF : 34.3/33

Out: 388.658 ± 185.002 χ^2/NDF : 53.0/35

All: 217.539 ± 133.595 χ^2/NDF : 89.1/69

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 754.611+/-0.150 χ^2/NDF :1469505.8/17

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 761.960+/-0.153 χ^2/NDF :1720505.3/16

Left: 758.210+/-0.107 χ^2/NDF : 3191191.8/34

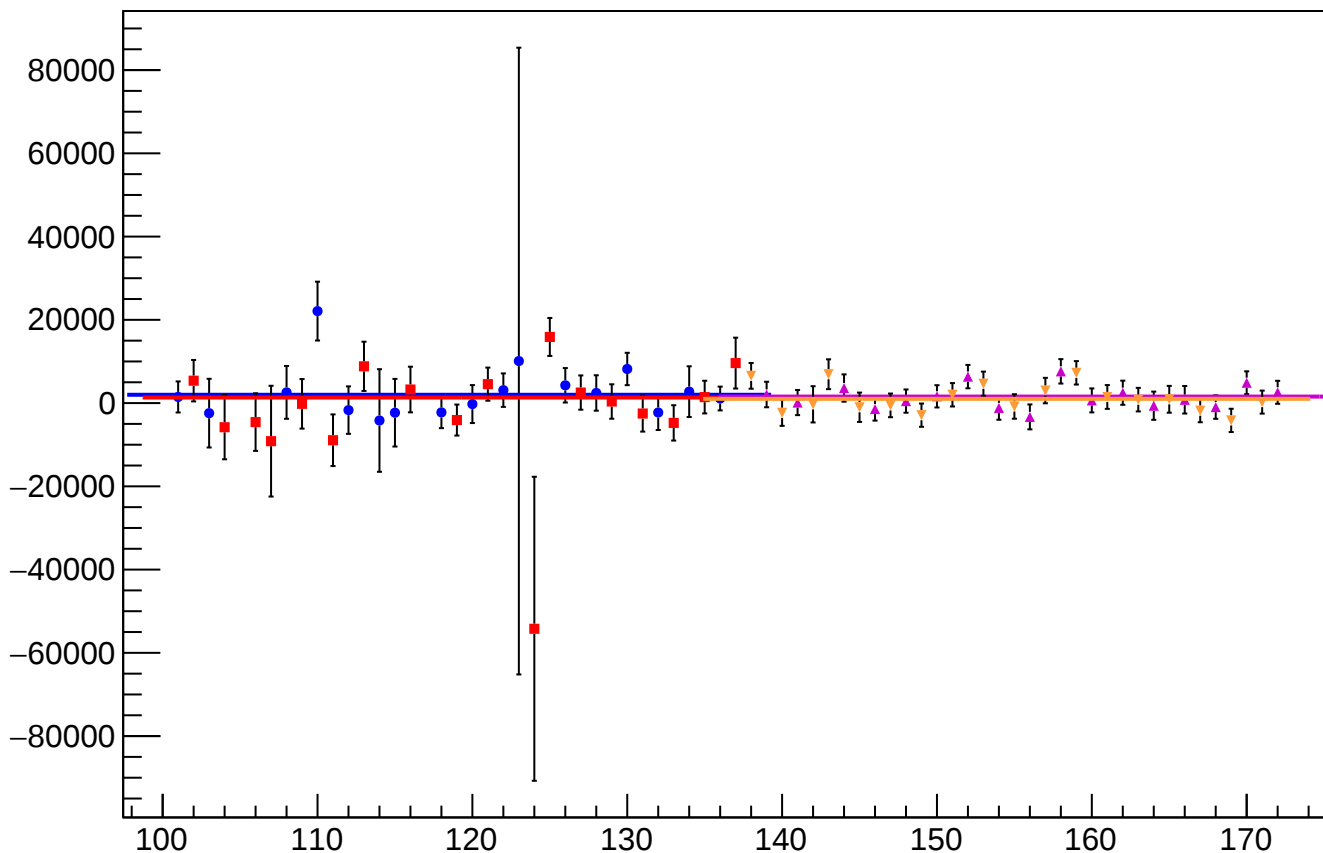
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 817.999+/-0.137 χ^2/NDF :3962950.0/33

Out: 764.782+/-0.131 χ^2/NDF :6663421.2/35

All: 790.248+/-0.094 χ^2/NDF : 10705562.6/69

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1021.082+/-708.031 χ^2/NDF : 21.8/17

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1564.840+/-708.770 χ^2/NDF : 15.8/16

Left: 1292.677+/-500.915 χ^2/NDF : 37.8/34

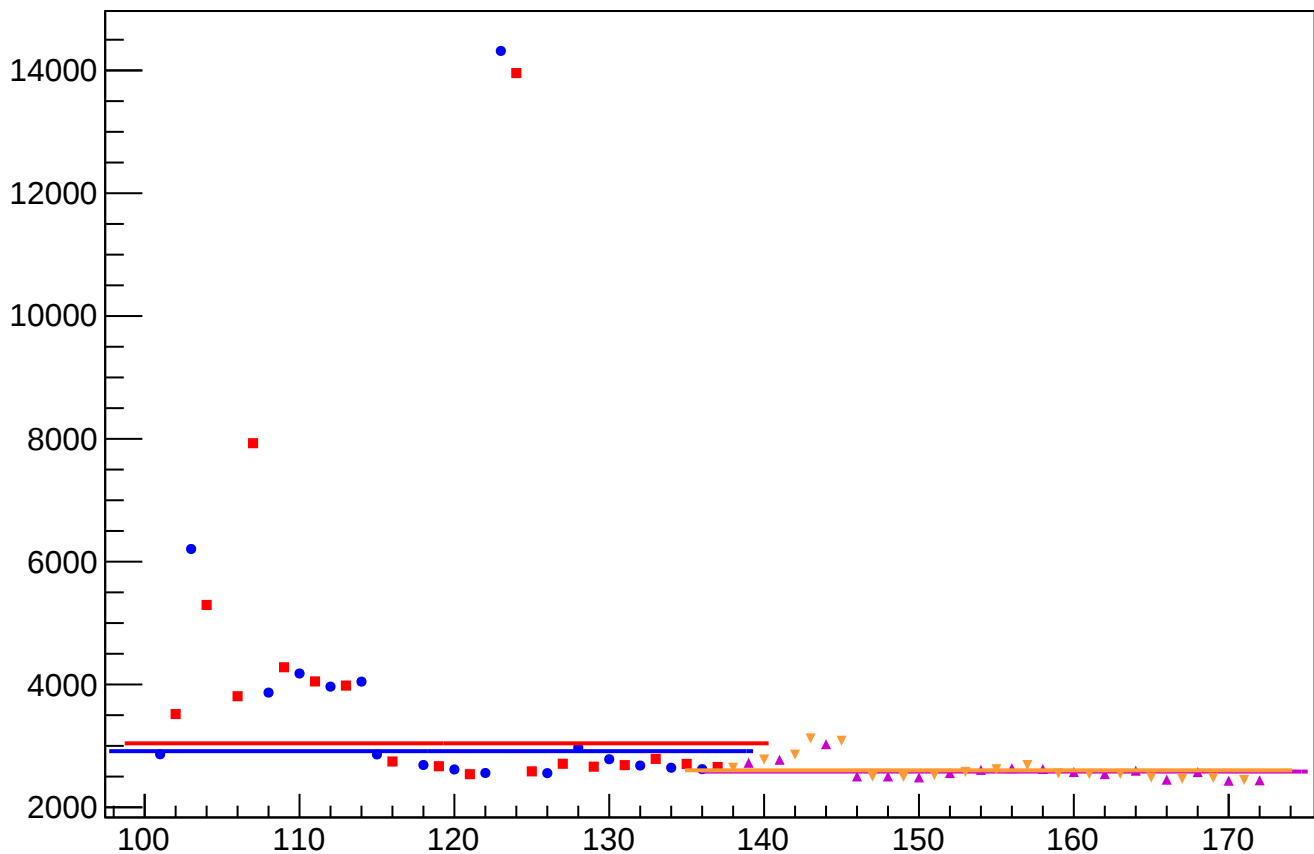
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1682.851+/-604.104 χ^2/NDF : 30.8/33

Out: 1103.201+/-608.971 χ^2/NDF : 49.3/35

All: 1395.351+/-428.876 χ^2/NDF : 80.6/69

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2602.068+/-0.501 χ^2/NDF : 122106.8/17

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2581.752+/-0.501 χ^2/NDF : 71344.5/16

Left: 2591.921+/-0.354 χ^2/NDF : 194273.8/34

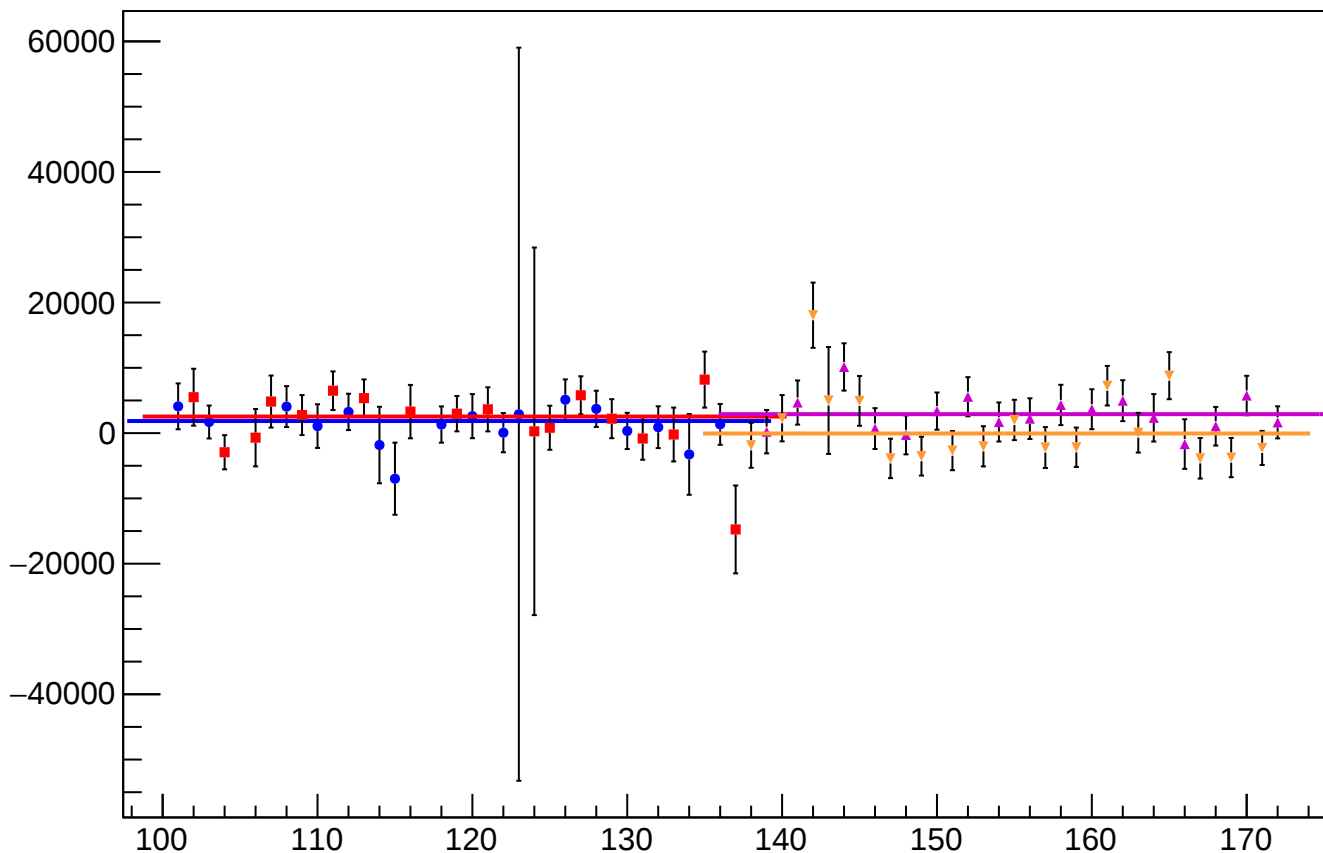
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2672.600+/-0.427 χ^2/NDF : 830455.1/33

Out: 2716.357+/-0.431 χ^2/NDF : 1325929.8/35

All: 2694.303+/-0.303 χ^2/NDF : 2161589.3/69

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: -56.184 ± 767.455 χ^2/NDF : 37.1/17

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 2903.410 ± 752.512 χ^2/NDF : 11.3/16

Left: 1452.705 ± 537.312 χ^2/NDF : 56.0/34

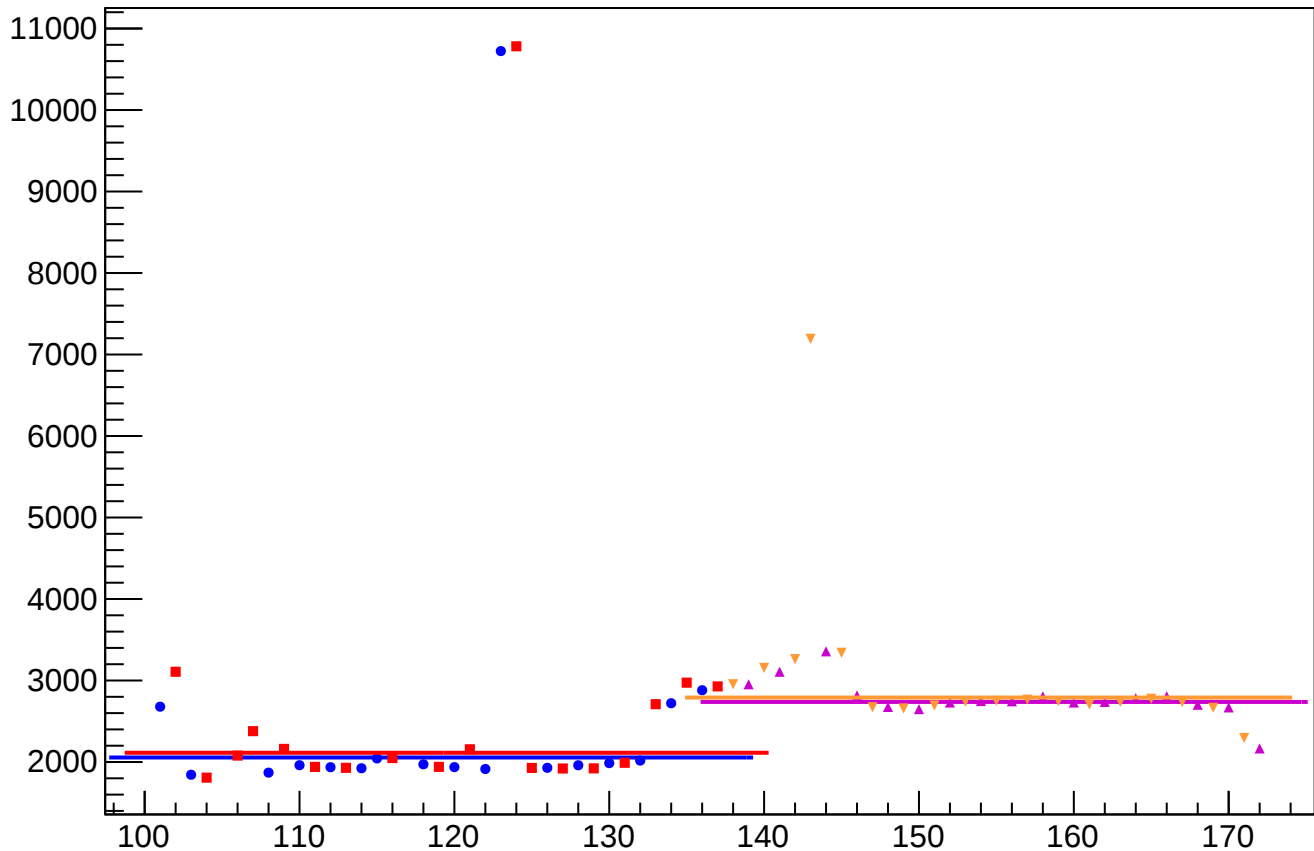
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2413.352 ± 550.286 χ^2/NDF : 19.5/33

Out: 1154.876 ± 560.112 χ^2/NDF : 62.4/35

All: 1795.250 ± 392.539 χ^2/NDF : 84.5/69

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2790.920+/-0.543 χ^2/NDF : 752264.2/17

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2737.079+/-0.532 χ^2/NDF : 206507.1/16

Left: 2763.470+/-0.380 χ^2/NDF : 963789.9/34

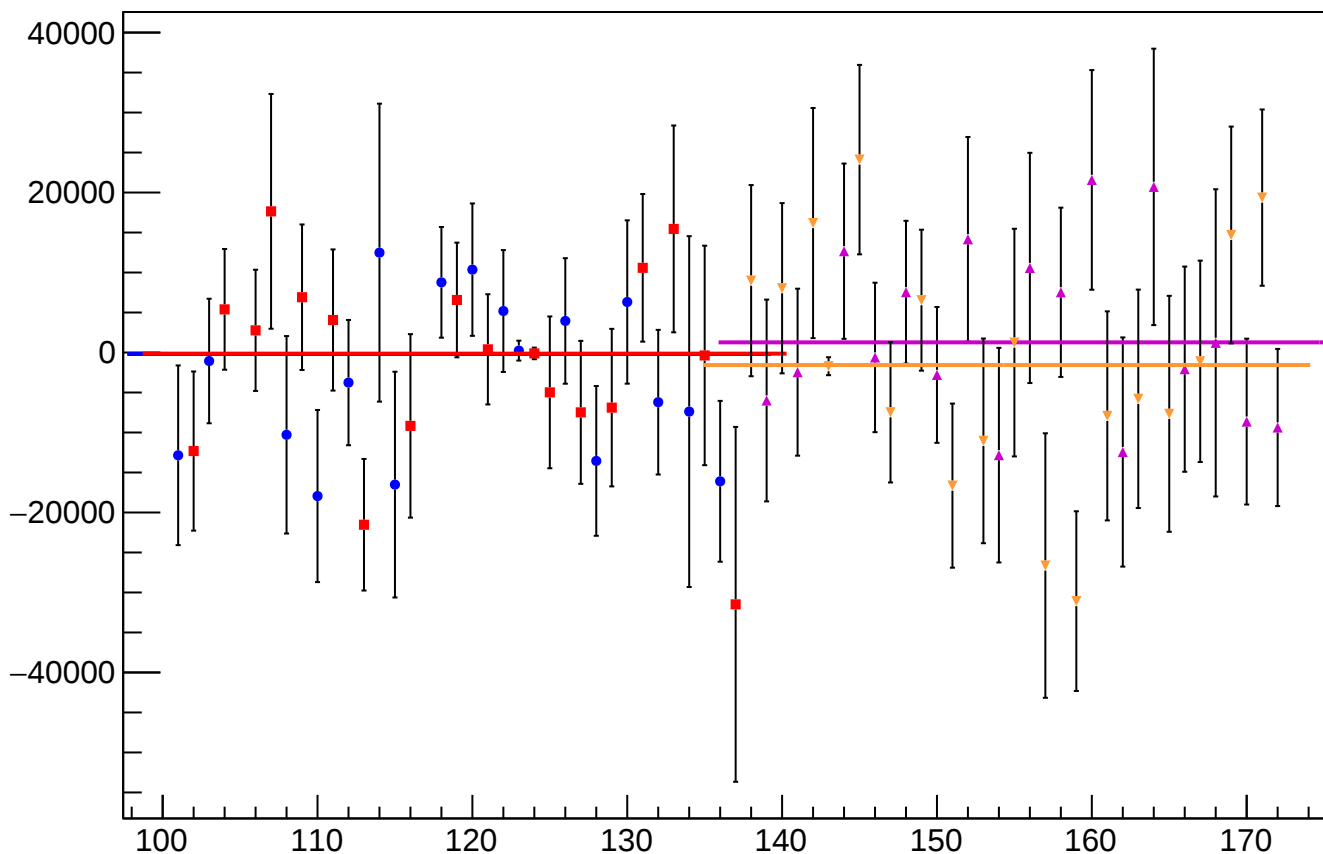
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2419.948+/-0.389 χ^2/NDF : 1286359.4/33

Out: 2473.731+/-0.396 χ^2/NDF : 2014109.5/35

All: 2446.383+/-0.277 χ^2/NDF : 3309859.0/69

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1564.196+/-1045.100 χ^2/NDF : 26.6/17

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 1270.070+/-2783.235 χ^2/NDF : 11.7/16

Left: -1213.951+/-978.397 χ^2/NDF : 39.3/34

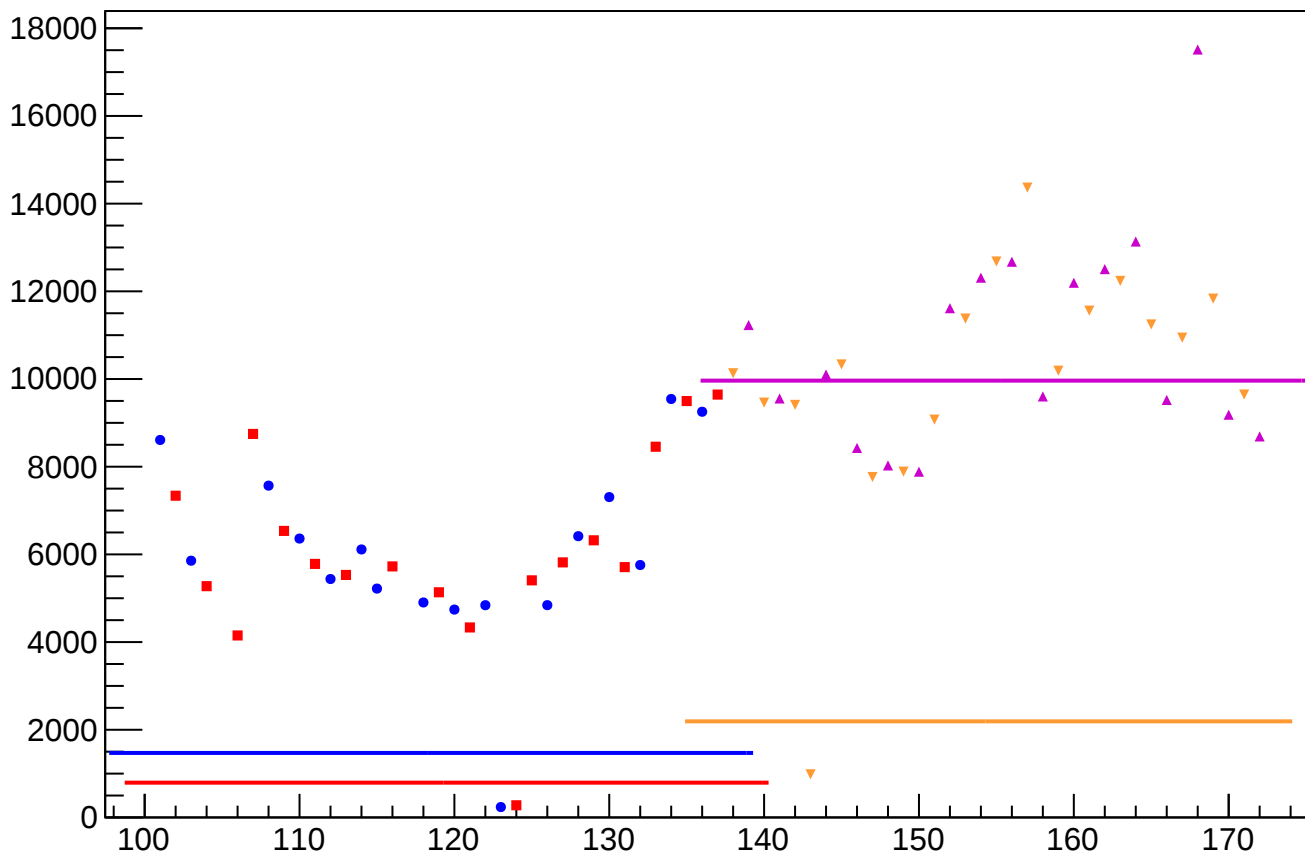
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 11.607+/-1023.628 χ^2/NDF : 28.3/33

Out: -574.545+/-576.390 χ^2/NDF : 46.9/35

All: -433.437+/-502.242 χ^2/NDF : 75.5/69

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2191.917 $\pm$ 0.739 χ^2 /NDF: 18097054.9/17

Right Out: 793.659 $\pm$ 0.489 χ^2 /NDF: 11422584.5/17

Left In: 9962.888 $\pm$ 1.968 χ^2 /NDF: 998998.0/16

Left: 3152.215 $\pm$ 0.692 χ^2 /NDF: 32760614.4/34

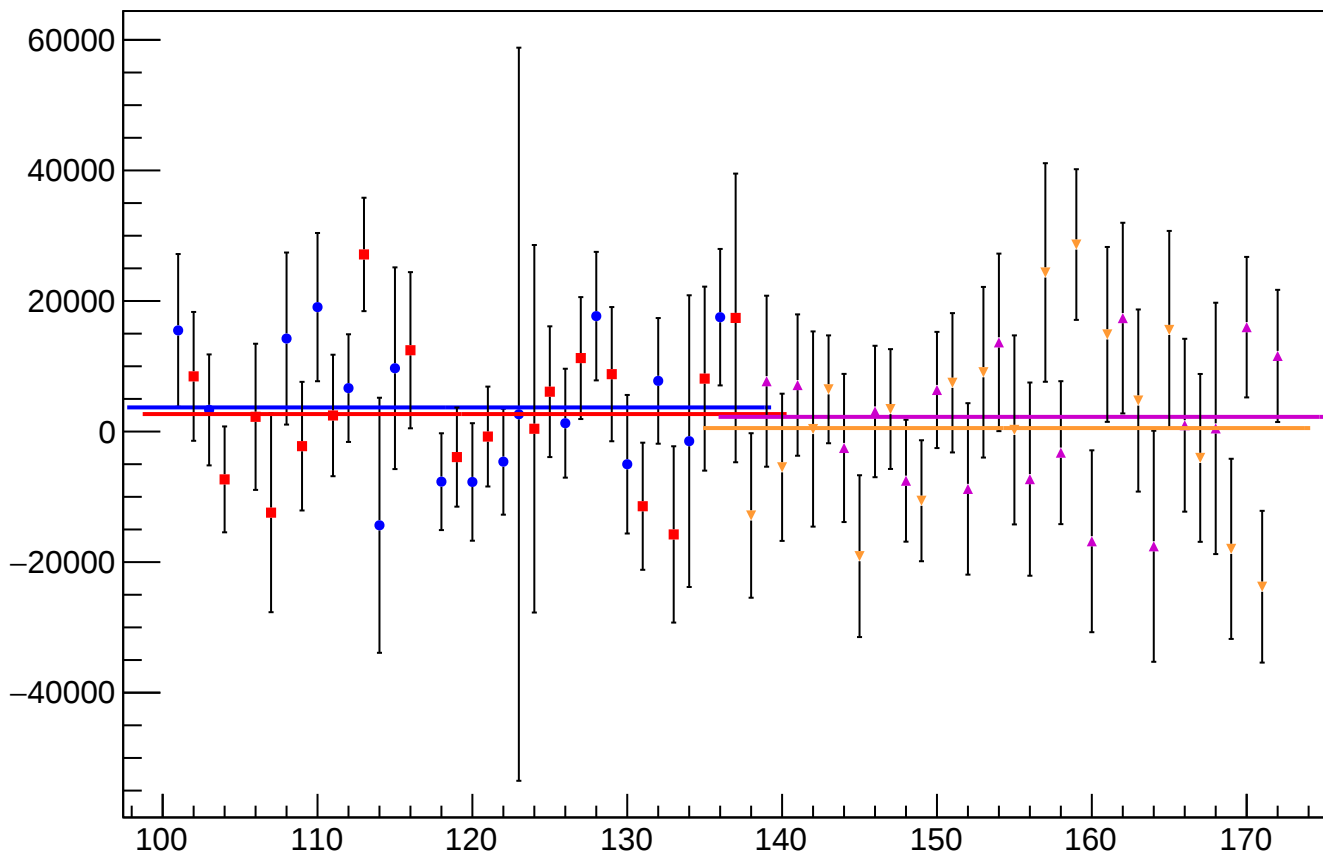
Right: 985.285 $\pm$ 0.414 χ^2 /NDF: 21755031.4/34

In: 2620.179 $\pm$ 0.724 χ^2 /NDF: 26884804.4/33

Out: 1218.968 $\pm$ 0.408 χ^2 /NDF: 32010742.1/35

All: 1556.290 $\pm$ 0.355 χ^2 /NDF: 61740959.9/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 533.505+/-2799.976 χ^2/NDF : 23.3/17

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 2249.525+/-2886.405 χ^2/NDF : 10.6/16

Left: 1365.439+/-2009.743 χ^2/NDF : 34.1/34

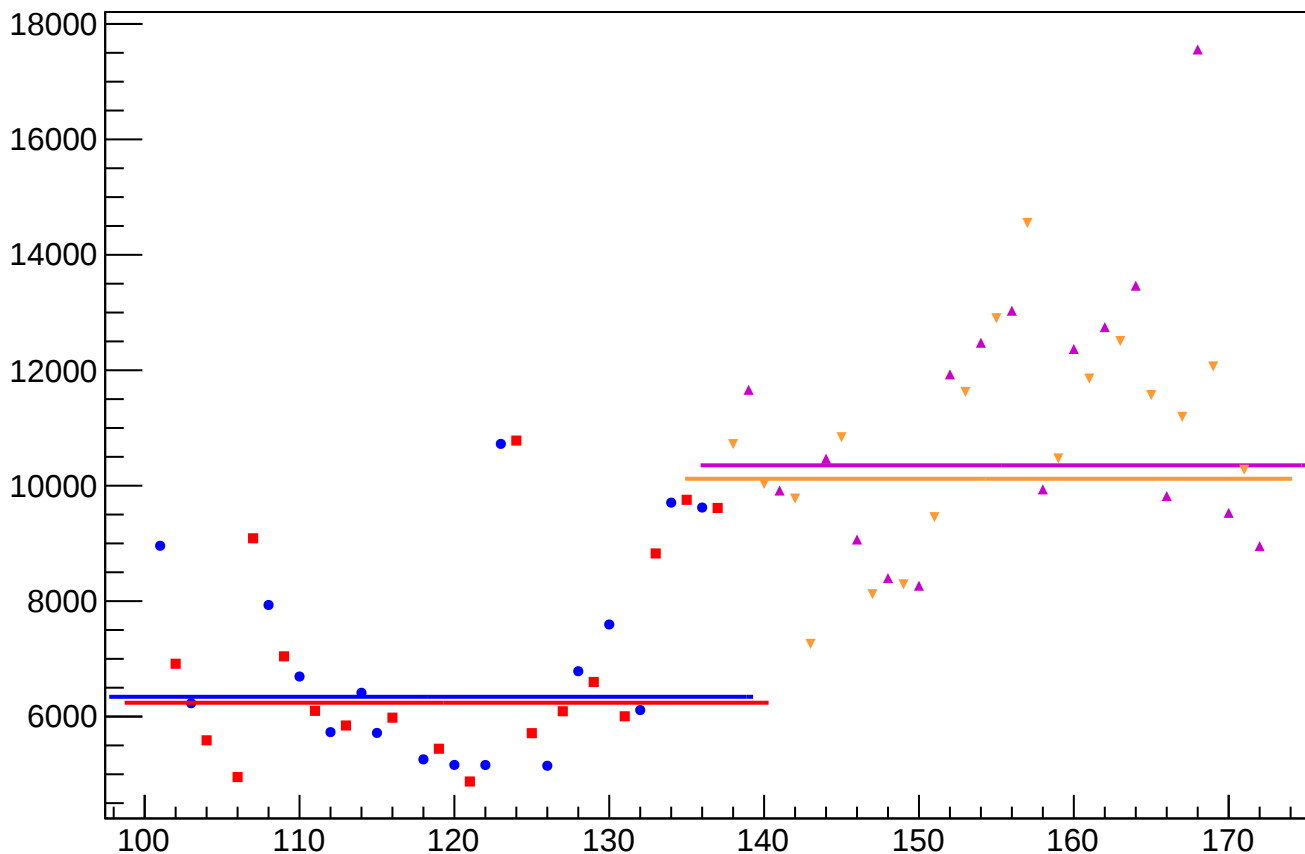
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3072.309+/-1897.442 χ^2/NDF : 25.2/33

Out: 1758.133+/-1834.653 χ^2/NDF : 42.2/35

All: 2393.118+/-1318.935 χ^2/NDF : 67.6/69

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10120.184+/-1.980 χ^2/NDF : 839640.3/17

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10352.937+/-2.041 χ^2/NDF : 890230.3/16

Left: 10233.023+/-1.421 χ^2/NDF : 1736570.6/34

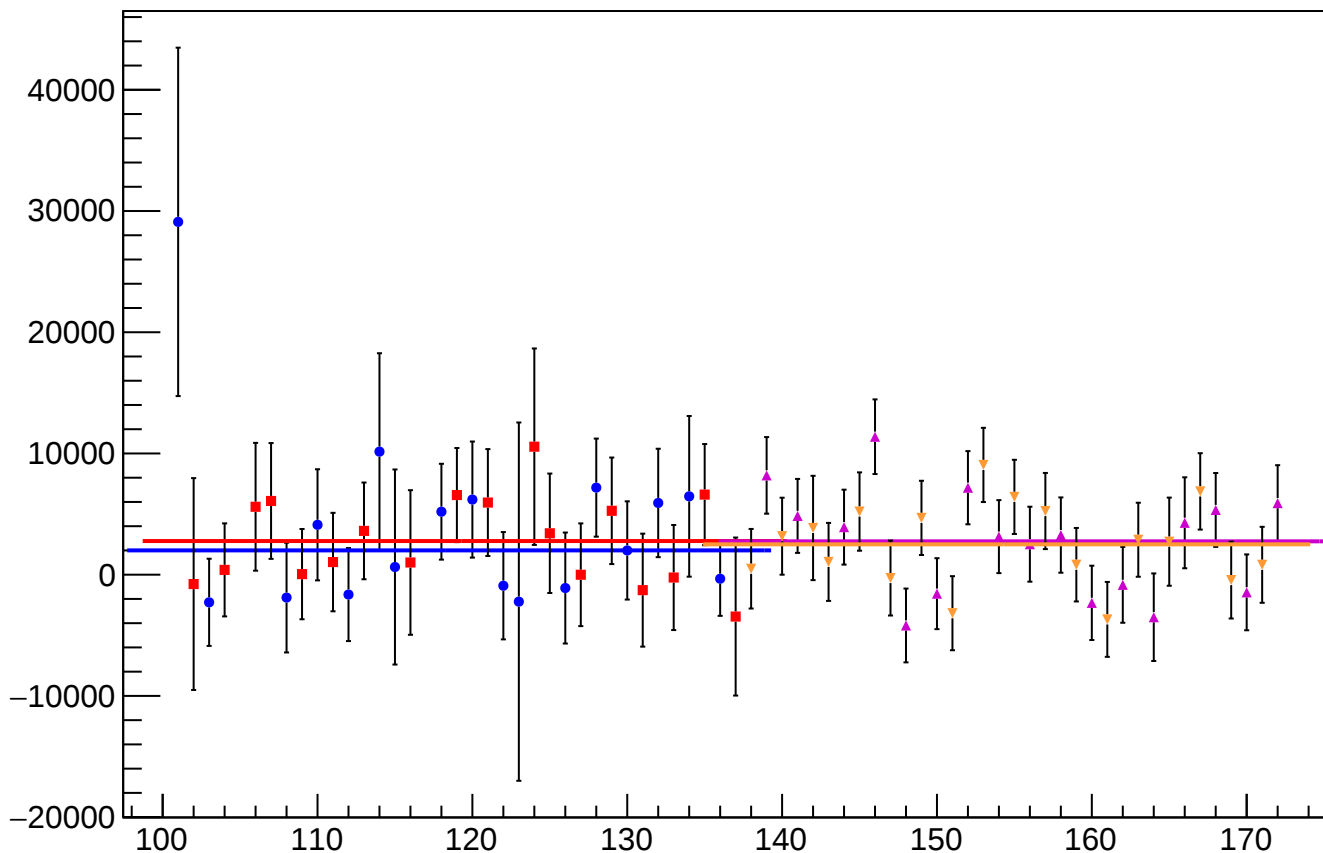
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8075.454+/-1.342 χ^2/NDF : 3676608.2/33

Out: 7905.666+/-1.297 χ^2/NDF : 3561100.4/35

All: 7987.702+/-0.933 χ^2/NDF : 7245985.4/69

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2504.381 $\pm$ 751.558 χ^2 /NDF:20.6/17

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2751.315 $\pm$ 758.309 χ^2 /NDF:31.8/16

Left: 2626.744 $\pm$ 533.803 χ^2 /NDF: 52.4/34

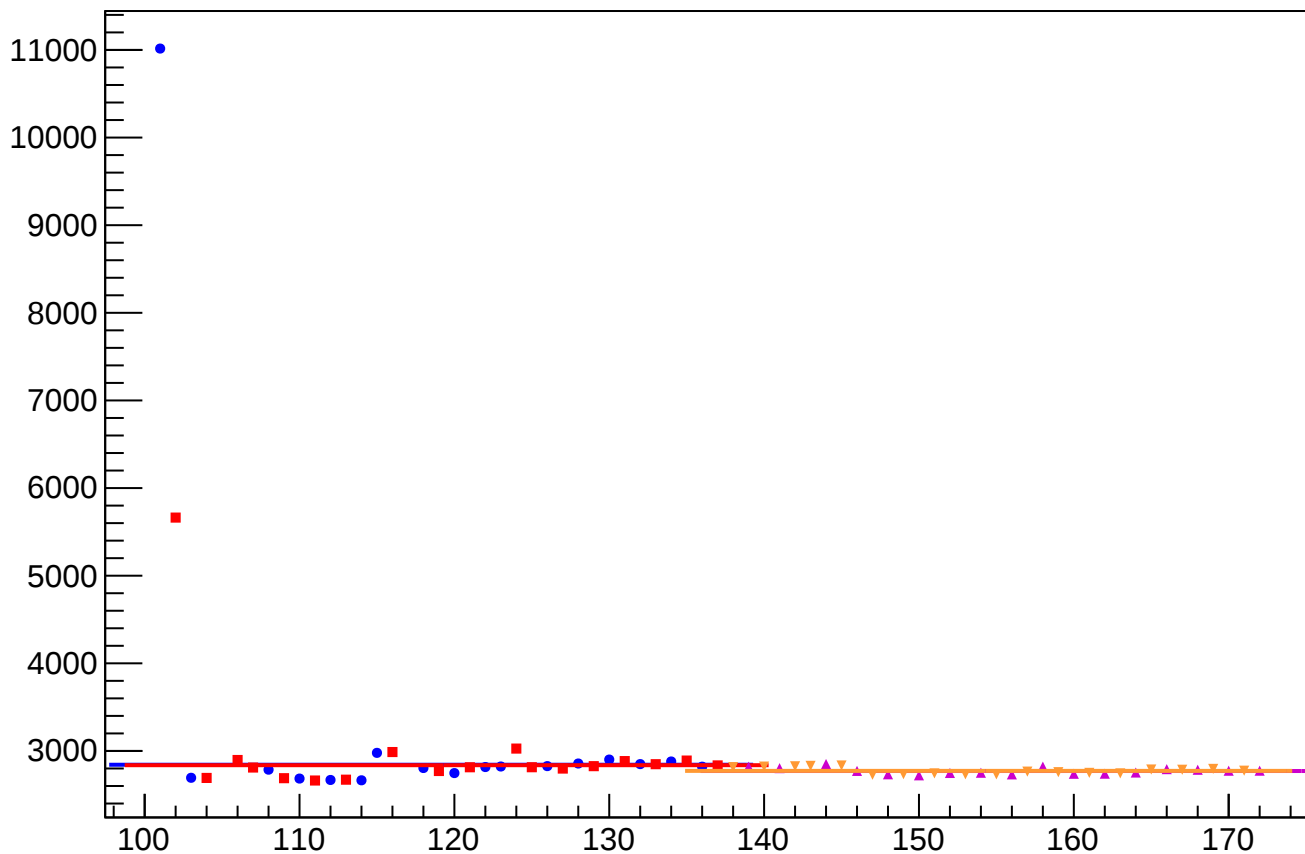
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2518.157 $\pm$ 628.875 χ^2 /NDF:45.8/33

Out: 2592.264 $\pm$ 618.151 χ^2 /NDF:29.0/35

All: 2555.848 $\pm$ 440.841 χ^2 /NDF: 74.8/69

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2772.605 $\pm$ 0.531 χ^2 /NDF: 4564.3/17

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2771.016 $\pm$ 0.536 χ^2 /NDF: 4514.4/16

Left: 2771.817 $\pm$ 0.377 χ^2 /NDF: 9083.1/34

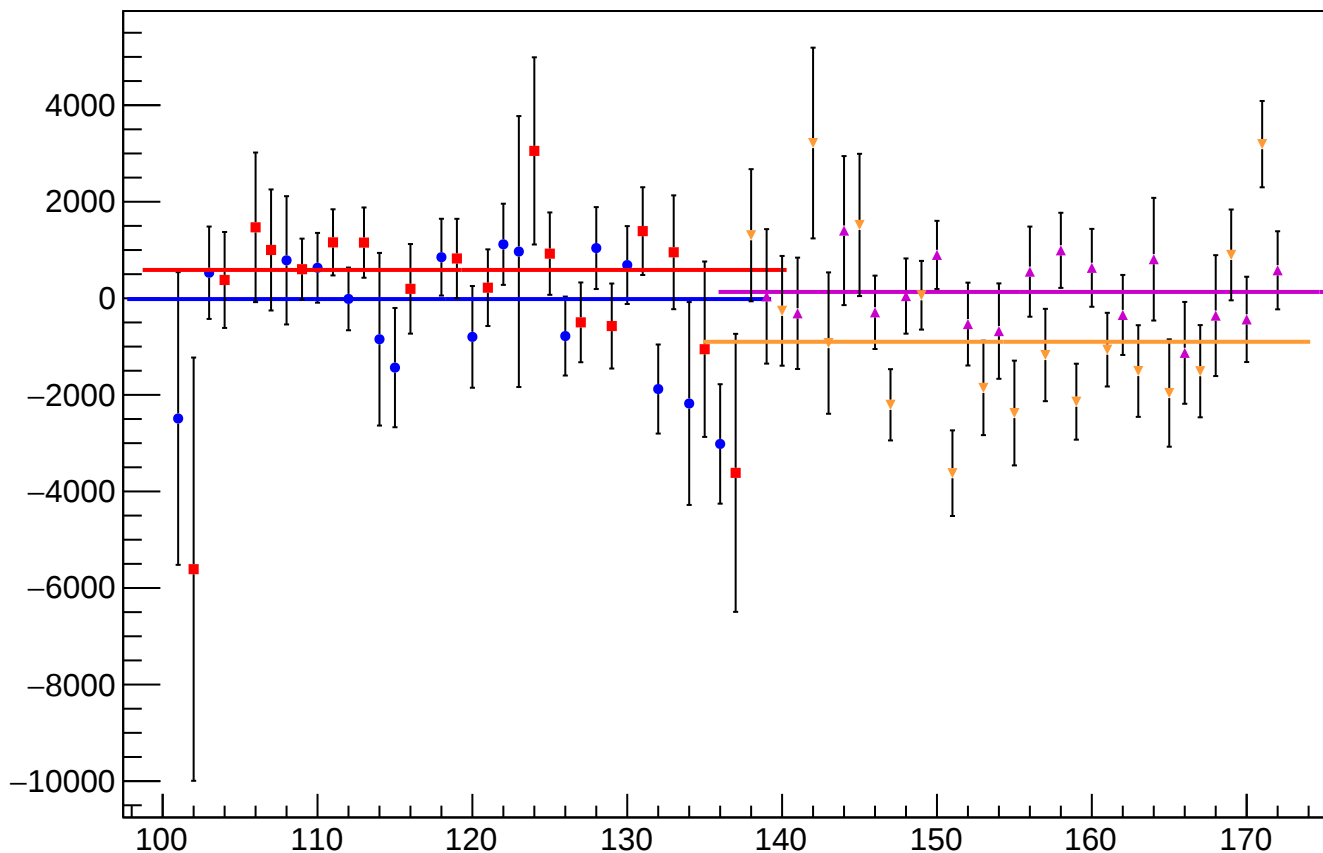
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2793.376 $\pm$ 0.445 χ^2 /NDF: 670388.9/33

Out: 2793.579 $\pm$ 0.437 χ^2 /NDF: 235801.2/35

All: 2793.479 $\pm$ 0.312 χ^2 /NDF: 906190.1/69

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -900.359 $\pm$ 227.656 χ^2/NDF : 56.1/17

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 131.936 $\pm$ 222.395 χ^2/NDF : 8.3/16

Left: -372.145 $\pm$ 159.084 χ^2/NDF : 75.0/34

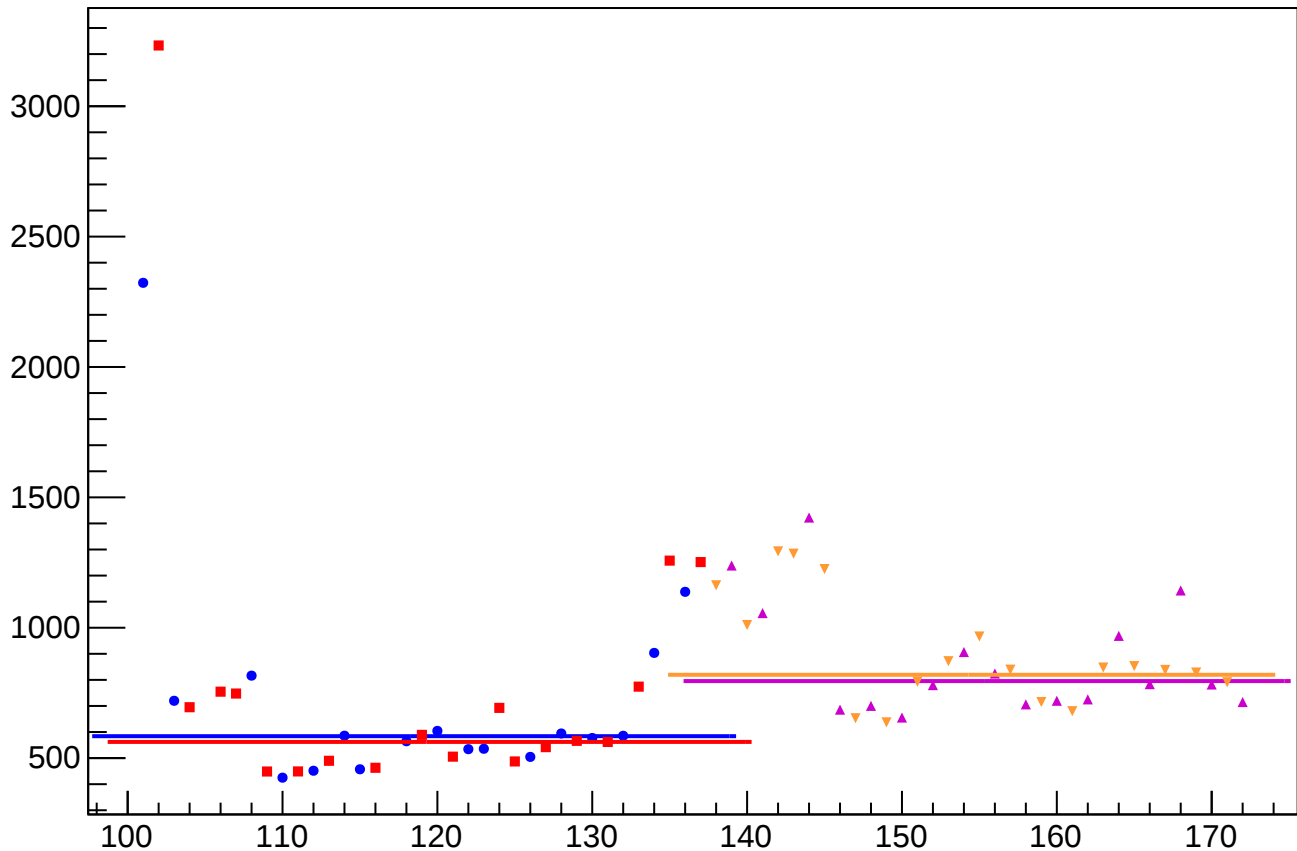
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 63.414 $\pm$ 162.767 χ^2/NDF : 30.1/33

Out: -150.322 $\pm$ 160.321 χ^2/NDF : 91.0/35

All: -45.072 $\pm$ 114.219 χ^2/NDF : 122.0/69

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.559+/-0.161 χ^2/NDF :1036946.6/17

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 795.434+/-0.157 χ^2/NDF :1082827.2/16

Left: 807.215+/-0.112 χ^2/NDF : 2131266.2/34

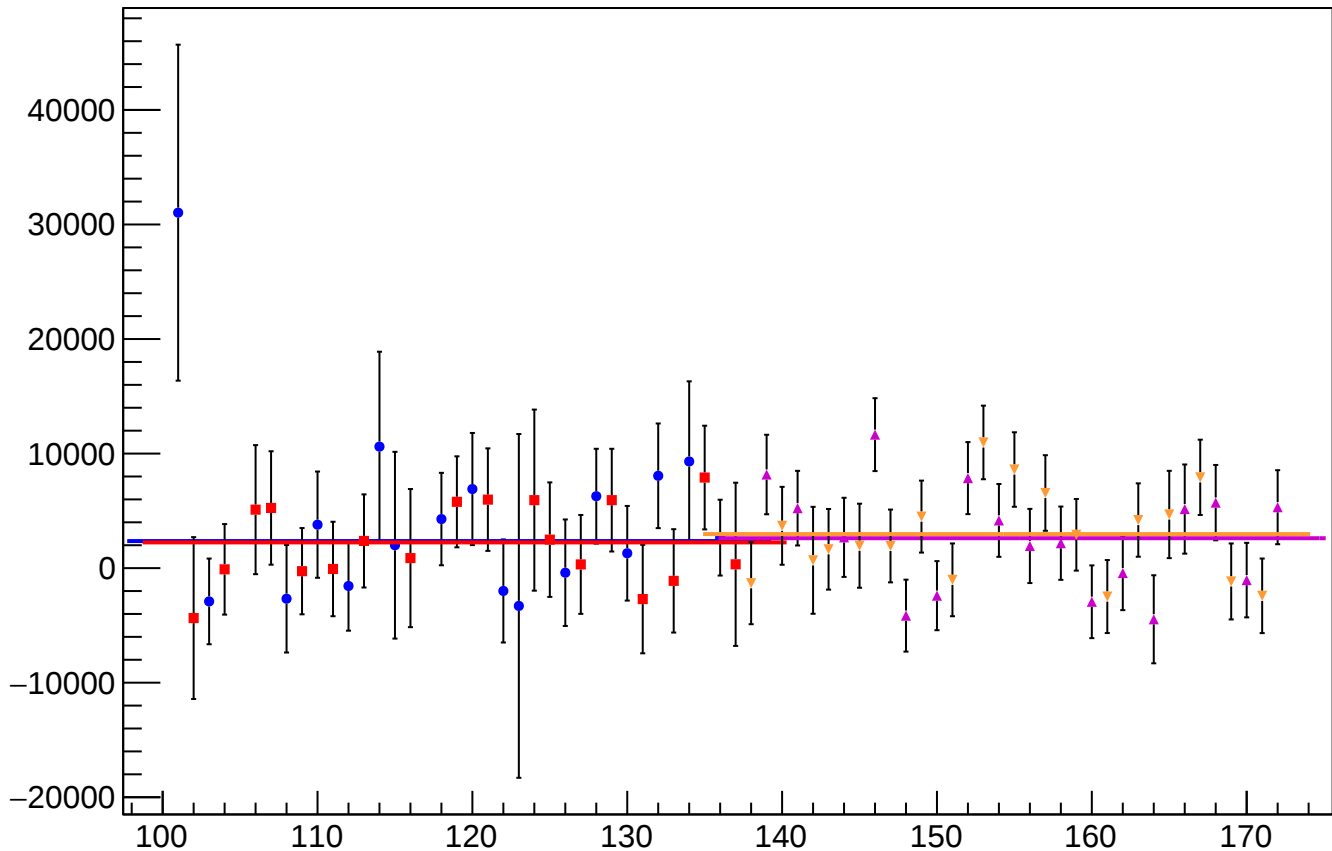
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 697.282+/-0.115 χ^2/NDF :3358408.1/33

Out: 689.793+/-0.113 χ^2/NDF :3851398.6/35

All: 693.481+/-0.081 χ^2/NDF : 7211955.4/69

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2973.748+/-792.224 χ^2/NDF : 24.1/17

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2610.643+/-796.674 χ^2/NDF : 32.4/16

Left: 2793.212+/-561.754 χ^2/NDF : 56.6/34

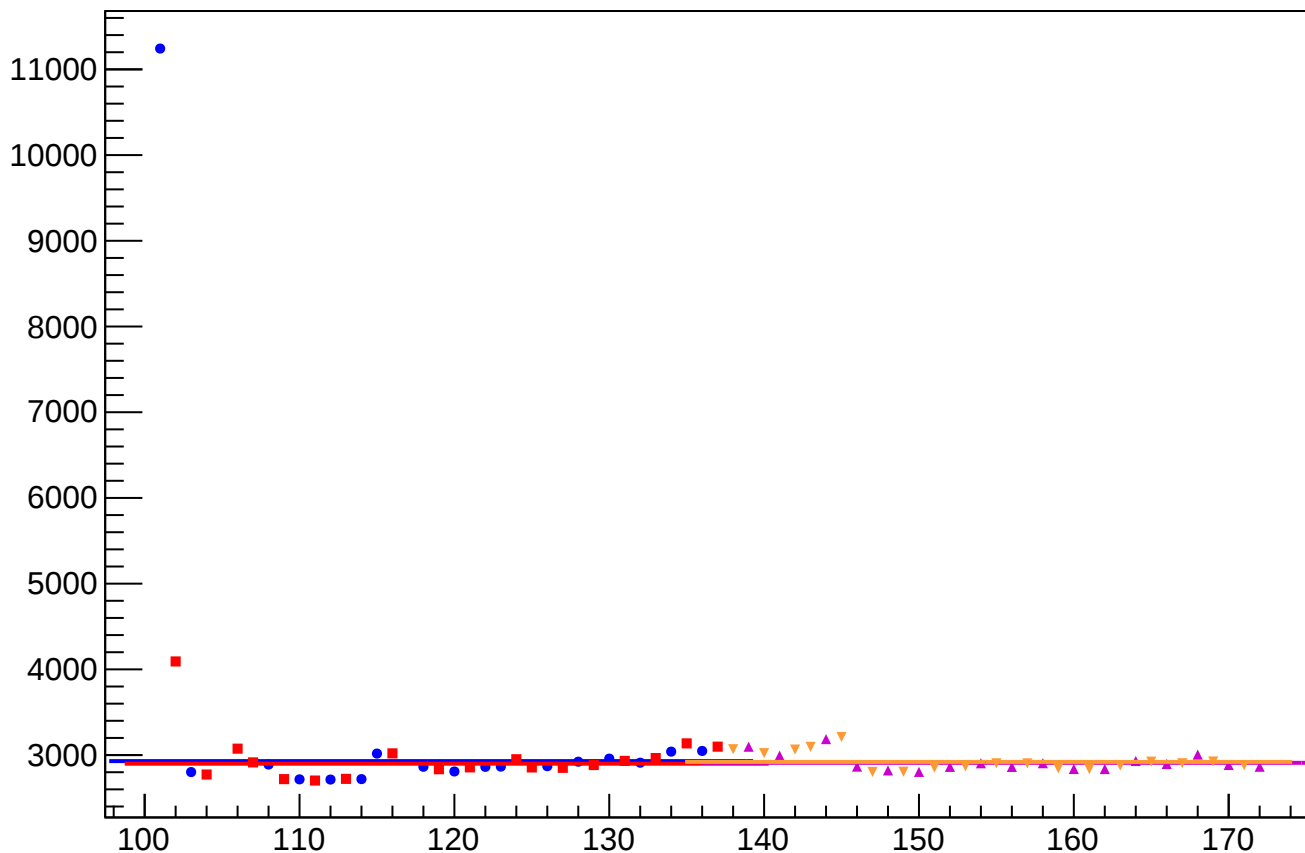
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2531.203+/-656.700 χ^2/NDF : 47.5/33

Out: 2728.515+/-645.212 χ^2/NDF : 32.9/35

All: 2631.600+/-460.242 χ^2/NDF : 80.5/69

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2920.634 $\pm$ 0.560 χ^2 /NDF: 34726.1/17

Right Out: 2899.431 $\pm$ 0.786 χ^2 /NDF: 83543.1/17

Left In: 2909.762 $\pm$ 0.563 χ^2 /NDF: 29654.1/16

Left: 2915.228 $\pm$ 0.397 χ^2 /NDF: 64567.5/34

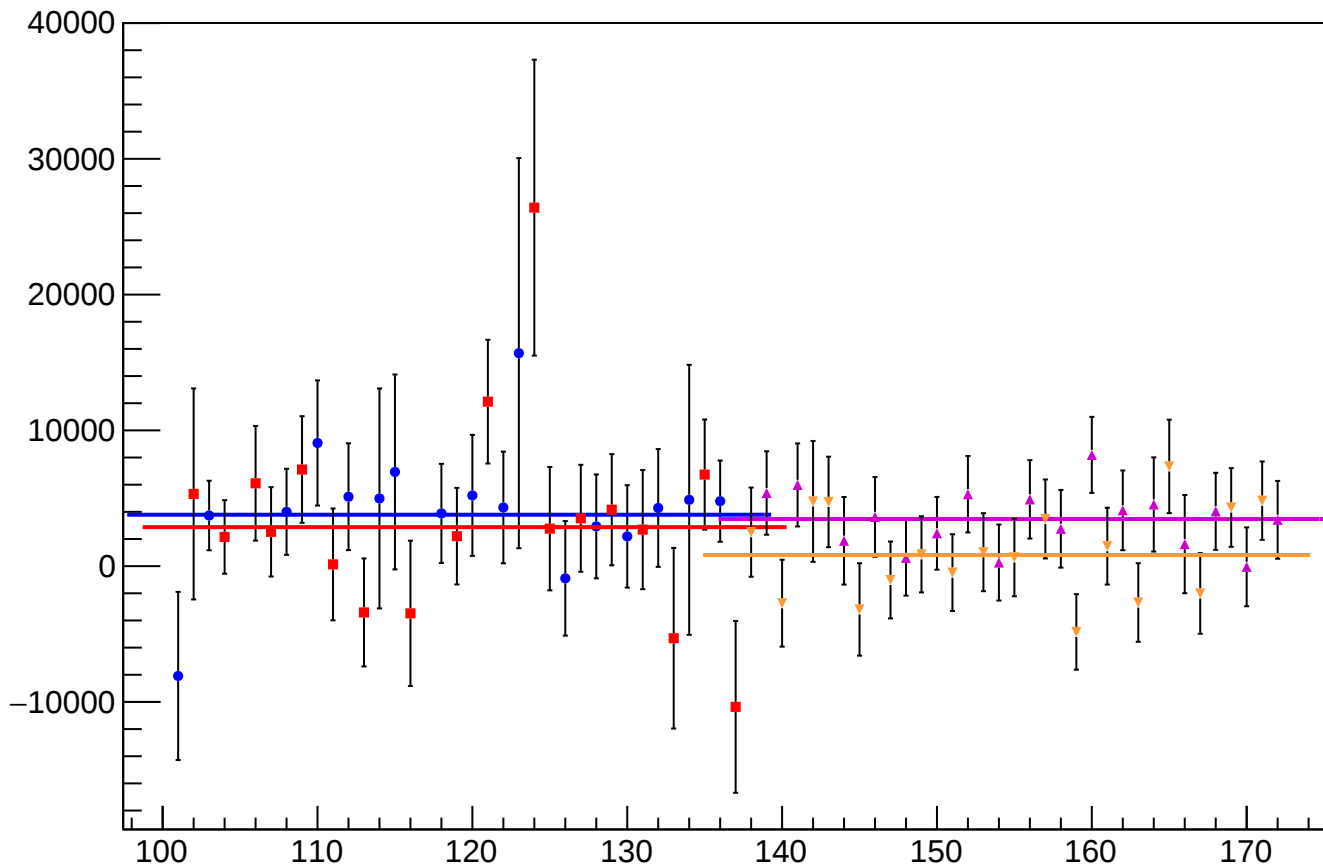
Right: 2913.904 $\pm$ 0.568 χ^2 /NDF: 746879.7/34

In: 2916.138 $\pm$ 0.464 χ^2 /NDF: 692682.8/33

Out: 2913.495 $\pm$ 0.456 χ^2 /NDF: 118751.6/35

All: 2914.793 $\pm$ 0.325 χ^2 /NDF: 811450.8/69

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 823.471+/-713.234 χ^2/NDF : 20.1/17

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3469.512+/-714.799 χ^2/NDF : 9.3/16

Left: 2143.593+/-504.885 χ^2/NDF : 36.3/34

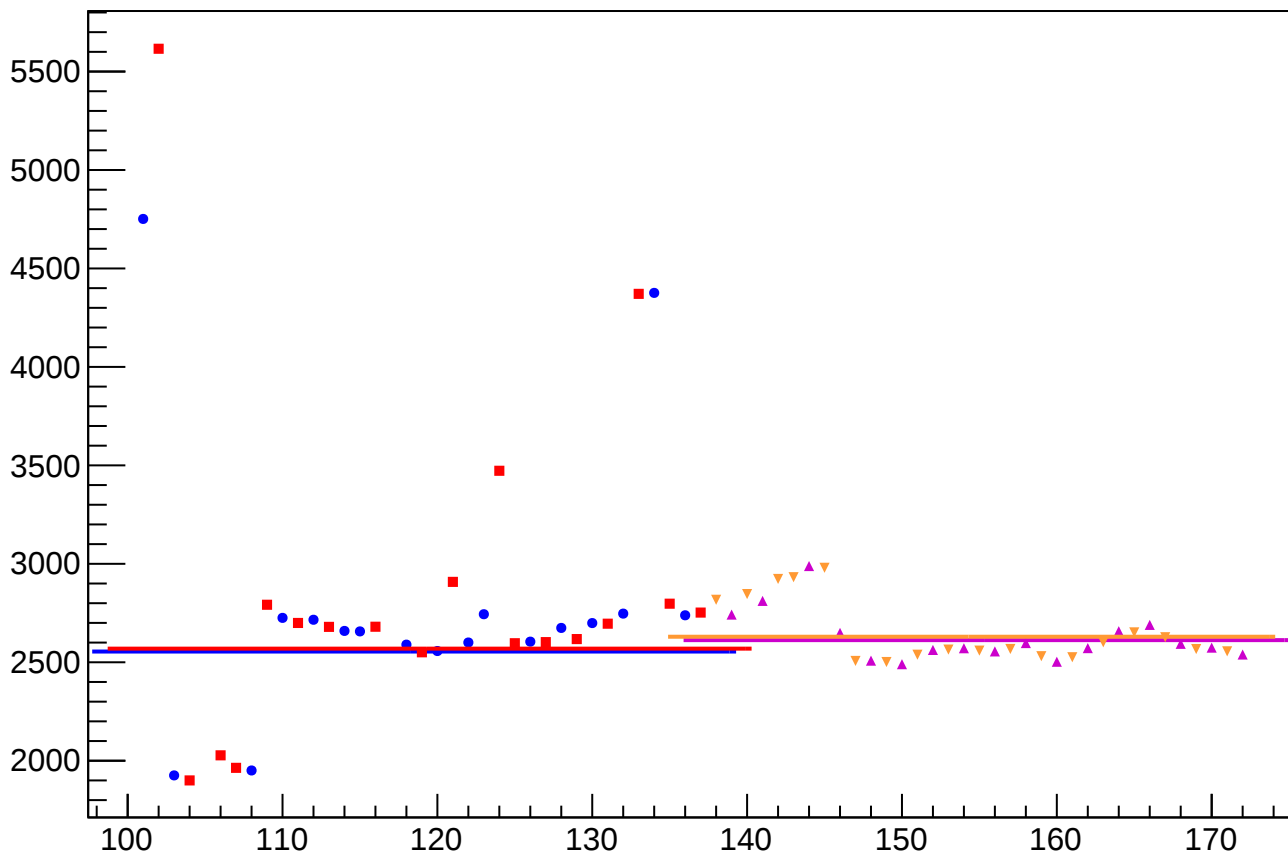
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3576.009+/-583.098 χ^2/NDF : 17.1/33

Out: 1511.374+/-581.466 χ^2/NDF : 44.9/35

All: 2540.798+/-411.735 χ^2/NDF : 68.3/69

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2629.738 $\pm$ 0.504 χ^2 /NDF: 82999.9/17

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2612.480 $\pm$ 0.505 χ^2 /NDF: 54879.1/16

Left: 2621.128 $\pm$ 0.357 χ^2 /NDF: 138463.2/34

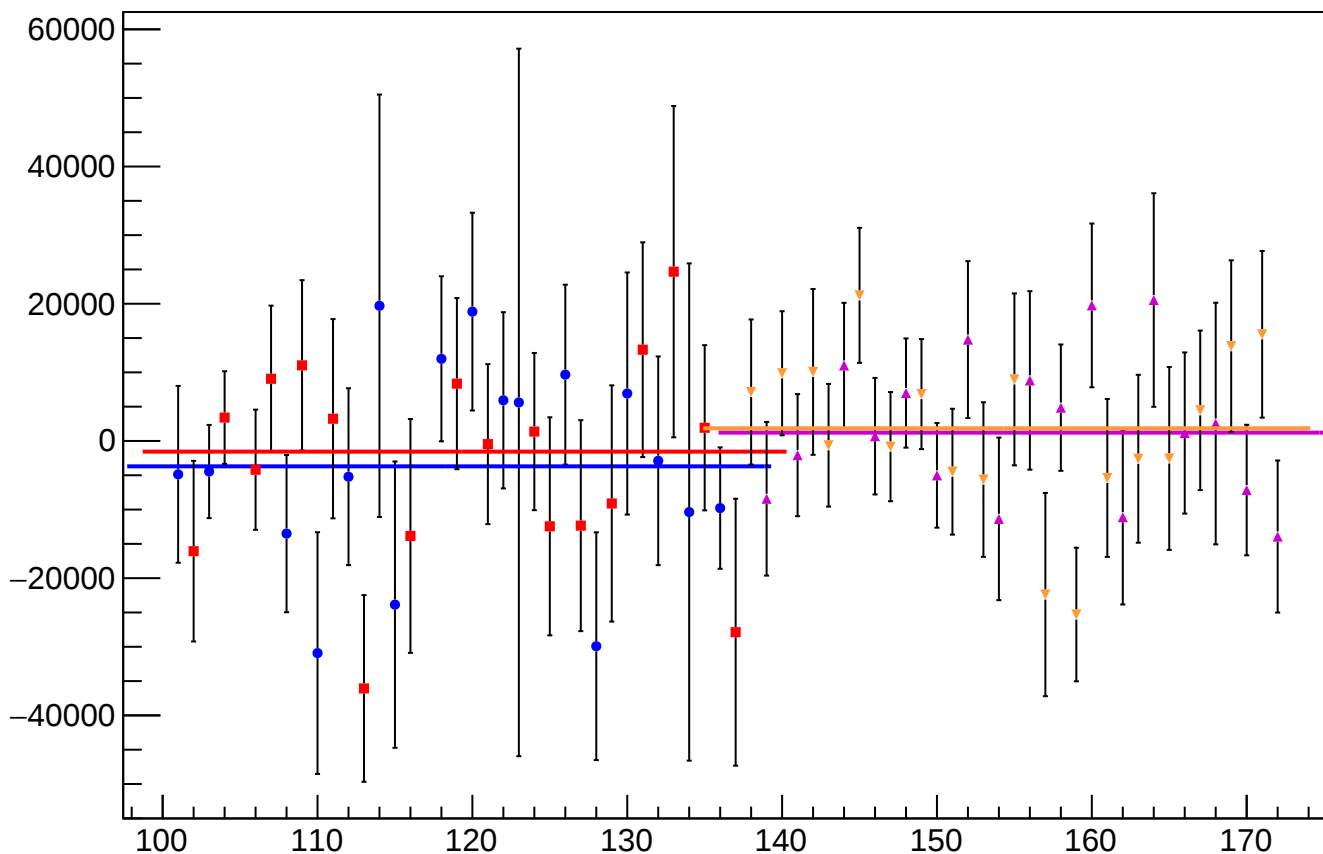
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2593.095 $\pm$ 0.412 χ^2 /NDF: 595901.7/33

Out: 2609.444 $\pm$ 0.411 χ^2 /NDF: 811157.7/35

All: 2601.293 $\pm$ 0.291 χ^2 /NDF: 1407847.8/69

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 1849.581 $\pm$ 2470.432 χ^2 /NDF: 20.5/17

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 1214.374 $\pm$ 2508.489 χ^2 /NDF: 13.8/16

Left: 1536.832 $\pm$ 1760.160 χ^2 /NDF: 34.3/34

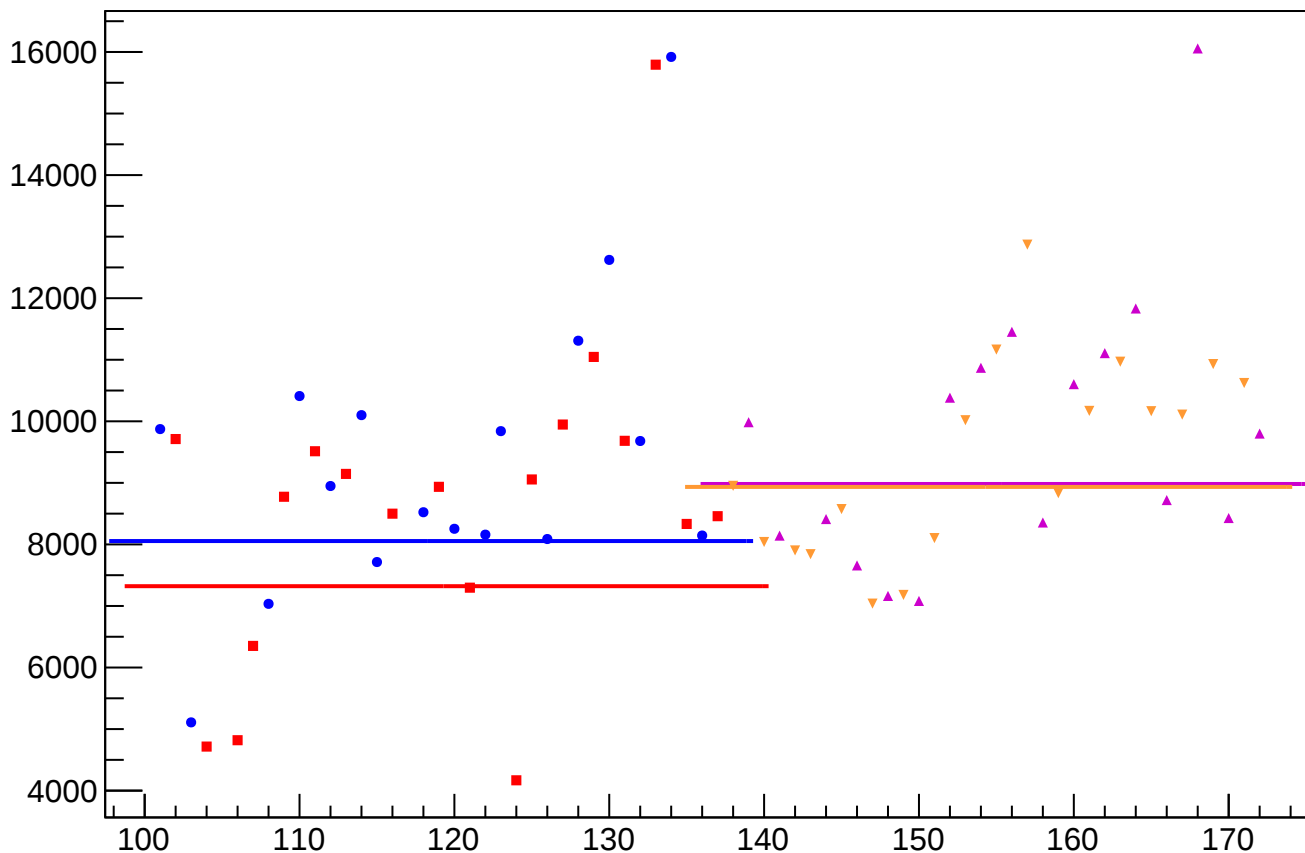
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -643.060 $\pm$ 1978.375 χ^2 /NDF: 29.1/33

Out: 424.304 $\pm$ 1883.778 χ^2 /NDF: 38.1/35

All: -83.251 $\pm$ 1364.249 χ^2 /NDF: 67.3/69

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8934.136+/-1.747 χ^2/NDF : 720890.5/17

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8981.858+/-1.774 χ^2/NDF : 982599.5/16

Left: 8957.632+/-1.245 χ^2/NDF : 1703857.5/34

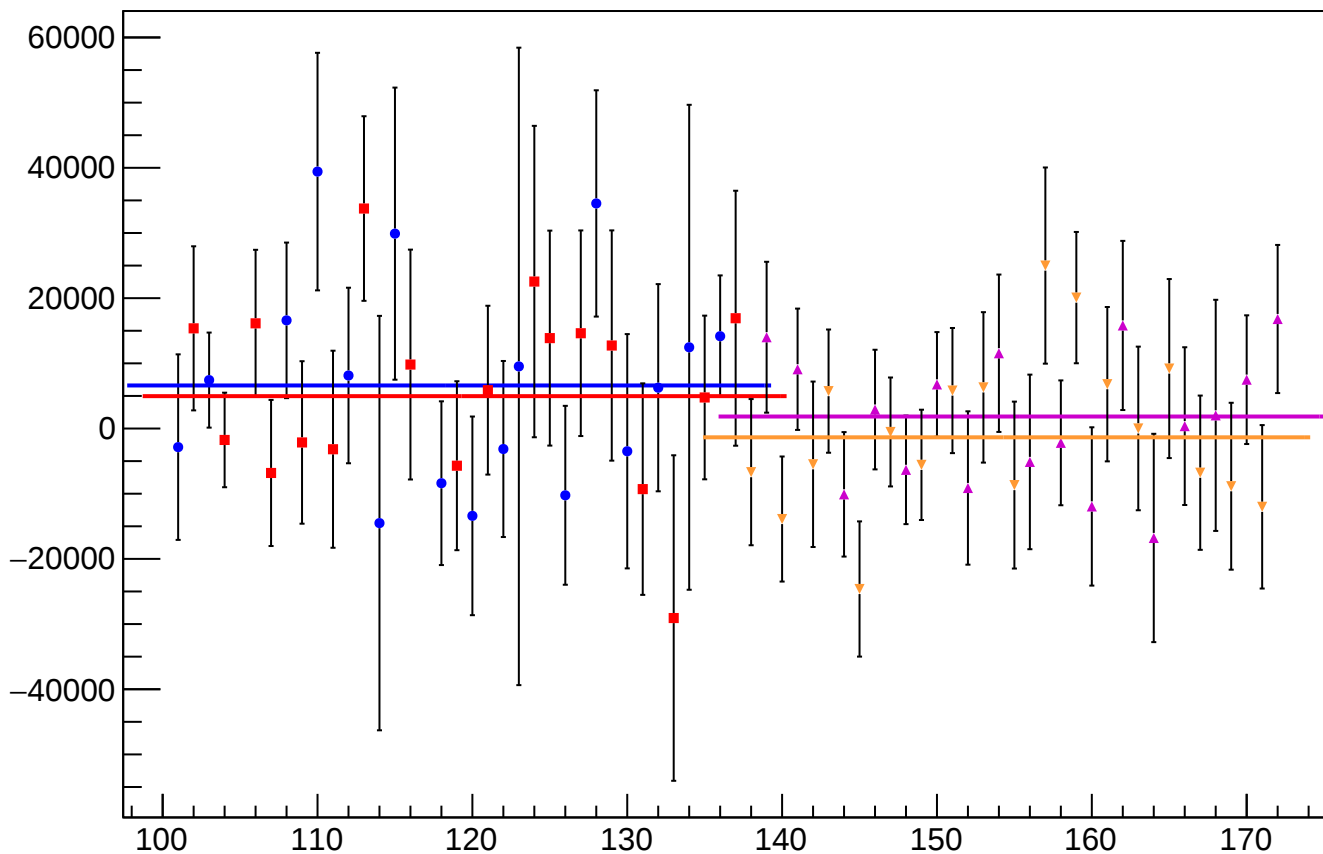
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8631.423+/-1.399 χ^2/NDF : 1906623.0/33

Out: 8259.139+/-1.332 χ^2/NDF : 2413578.4/35

All: 8436.168+/-0.965 χ^2/NDF : 4357345.4/69

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1348.879+/-2574.261 χ^2/NDF : 19.2/17

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1843.008+/-2608.347 χ^2/NDF : 12.5/16

Left: 226.072+/-1832.210 χ^2/NDF : 32.4/34

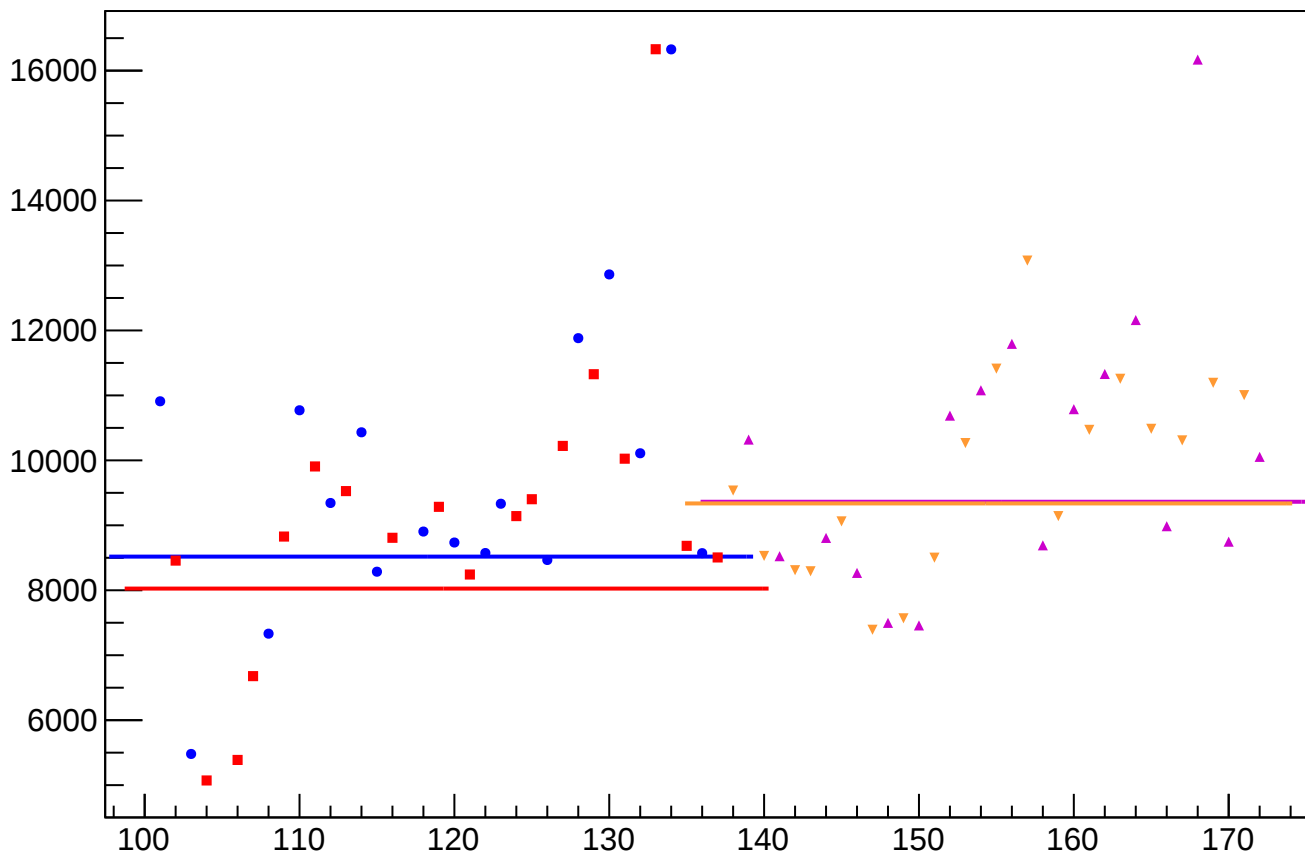
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3610.844+/-2068.574 χ^2/NDF : 28.4/33

Out: 1154.785+/-2000.057 χ^2/NDF : 35.1/35

All: 2341.466+/-1437.867 χ^2/NDF : 64.2/69

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9336.810+/-1.820 χ^2/NDF : 624235.0/17

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9362.648+/-1.844 χ^2/NDF : 866134.6/16

Left: 9349.559+/-1.296 χ^2/NDF : 1490468.9/34

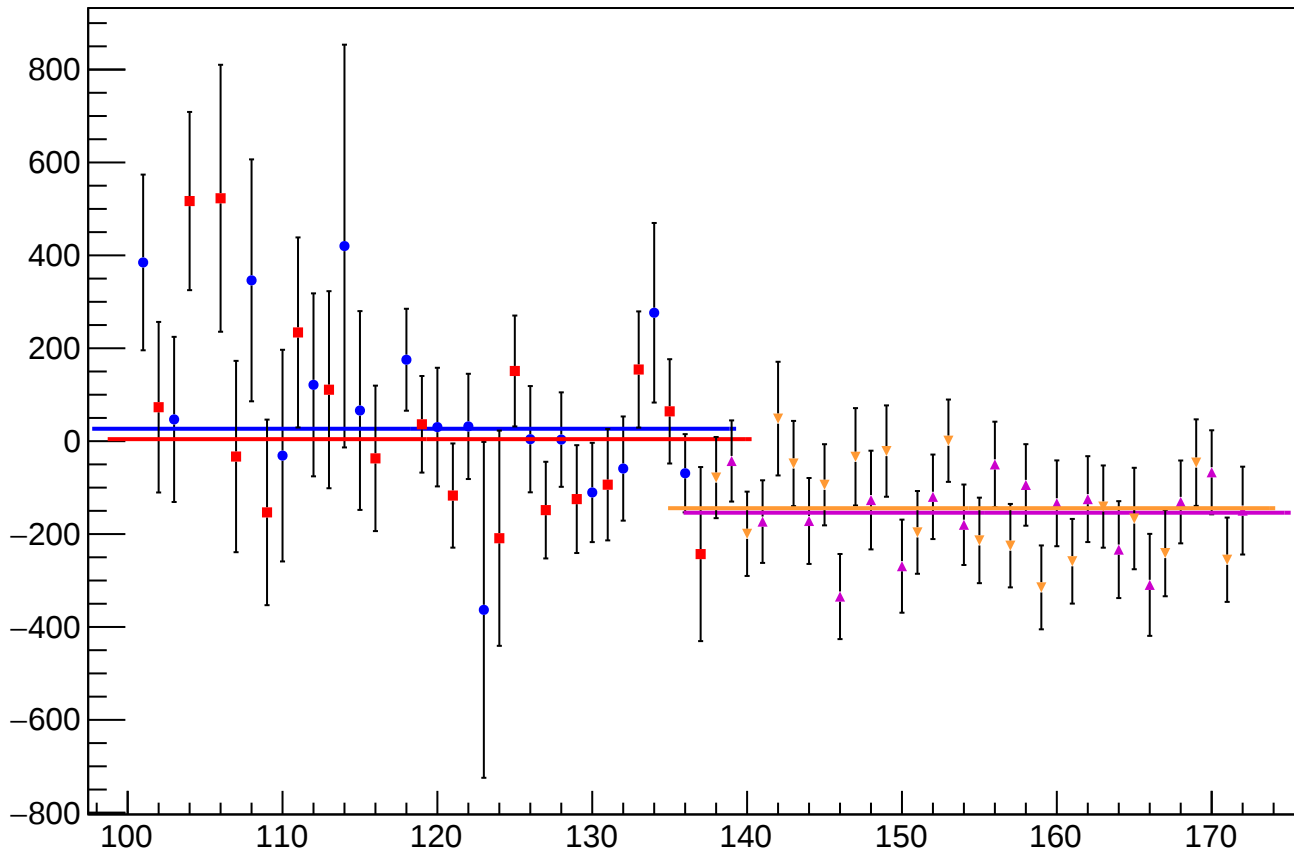
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9049.336+/-1.463 χ^2/NDF : 1715899.3/33

Out: 8817.256+/-1.414 χ^2/NDF : 1772425.3/35

All: 8929.387+/-1.017 χ^2/NDF : 3501336.0/69

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -144.292 $\pm$ 22.002 χ^2 /NDF:20.8/17

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -154.045 $\pm$ 22.630 χ^2 /NDF:12.7/16

Left: -149.031 $\pm$ 15.775 χ^2 /NDF: 33.6/34

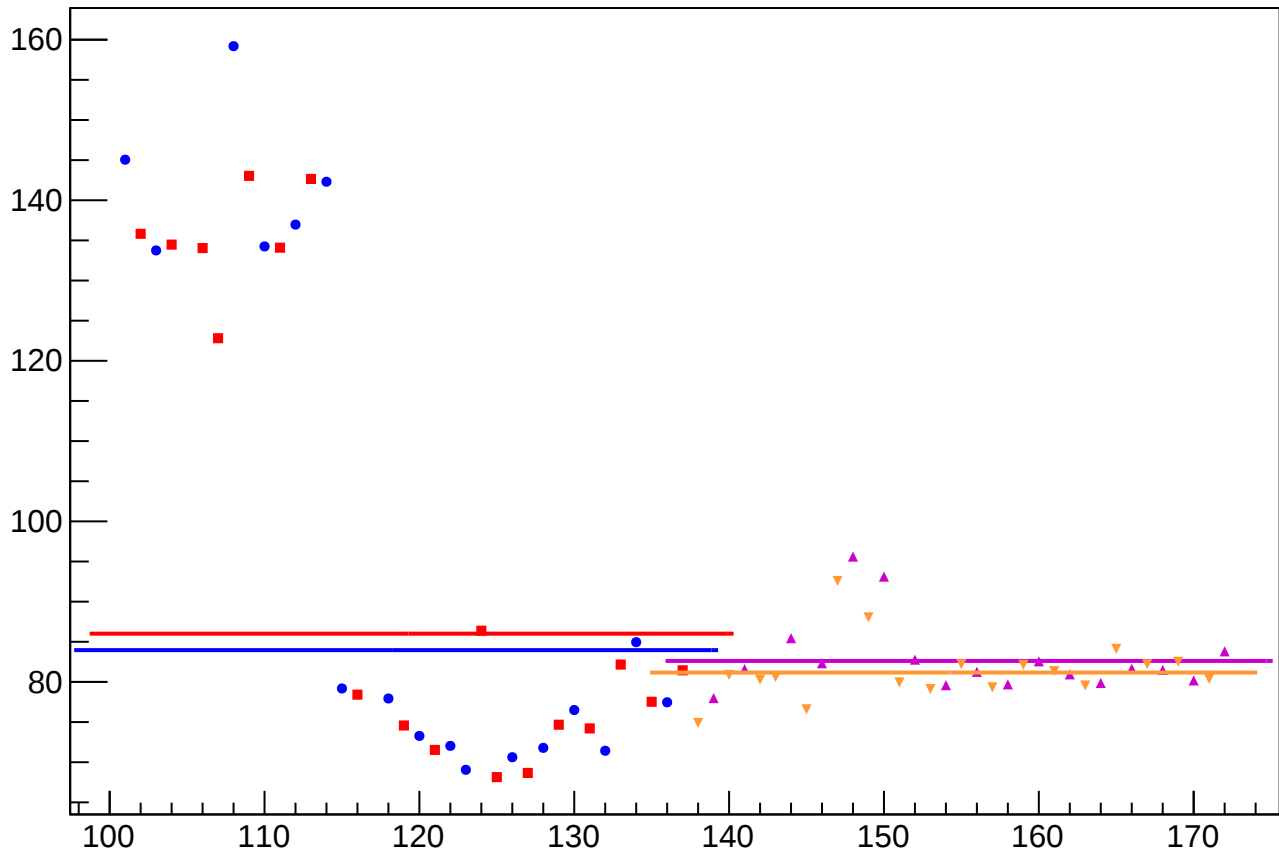
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -97.698 $\pm$ 18.774 χ^2 /NDF:47.1/33

Out: -100.132 $\pm$ 18.447 χ^2 /NDF:58.3/35

All: -98.937 $\pm$ 13.158 χ^2 /NDF: 105.4/69

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.169 $\pm$ 0.016 χ^2 /NDF: 55224.9/17

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.615 $\pm$ 0.016 χ^2 /NDF: 69040.8/16

Left: 81.871 $\pm$ 0.011 χ^2 /NDF: 128461.0/34

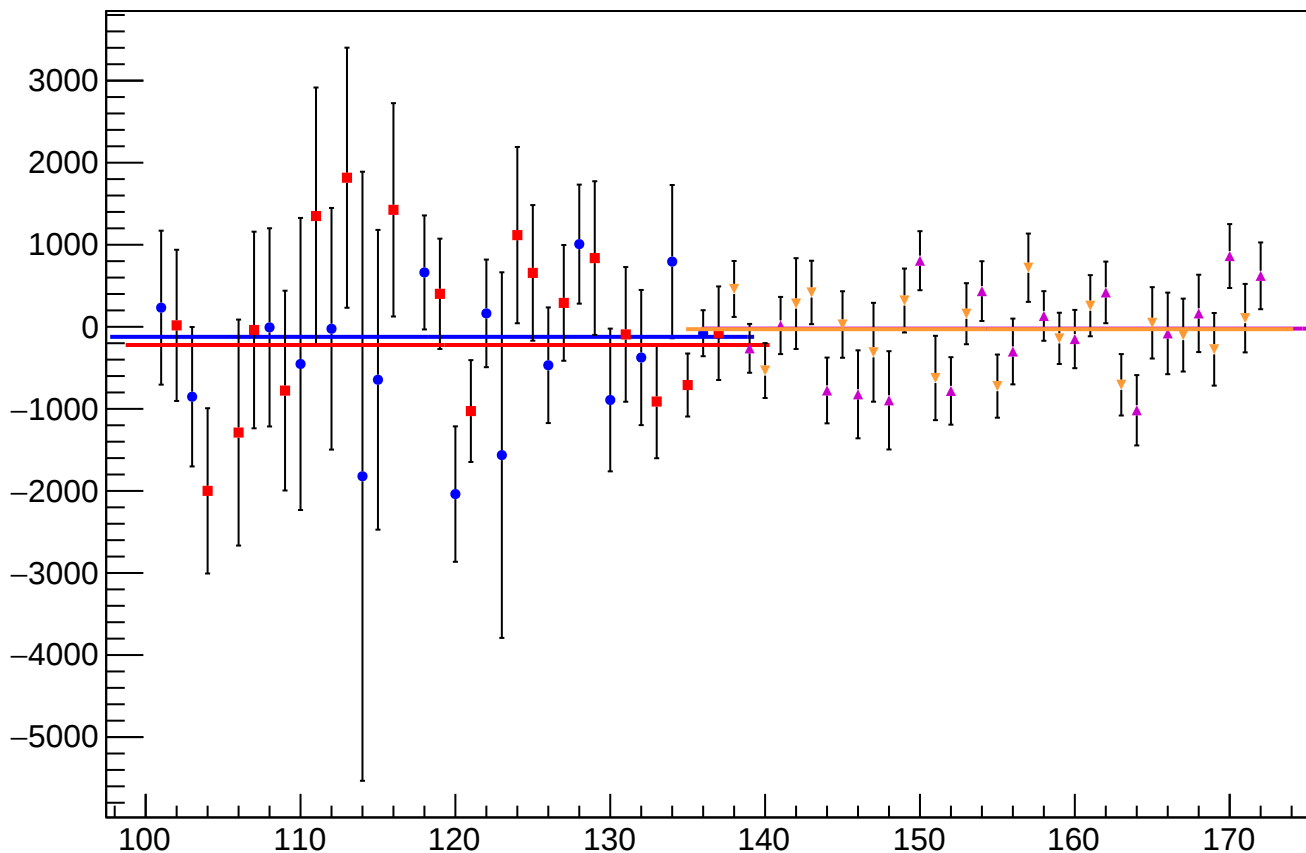
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.034 $\pm$ 0.013 χ^2 /NDF: 1031500.3/33

Out: 82.608 $\pm$ 0.013 χ^2 /NDF: 1110419.4/35

All: 82.817 $\pm$ 0.009 χ^2 /NDF: 2142444.2/69

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -28.981 ± 94.373 $\chi^2/\text{NDF}: 19.6/17$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -21.975 ± 94.478 $\chi^2/\text{NDF}: 34.3/16$

Left: -25.482 ± 66.769 $\chi^2/\text{NDF}: 53.9/34$

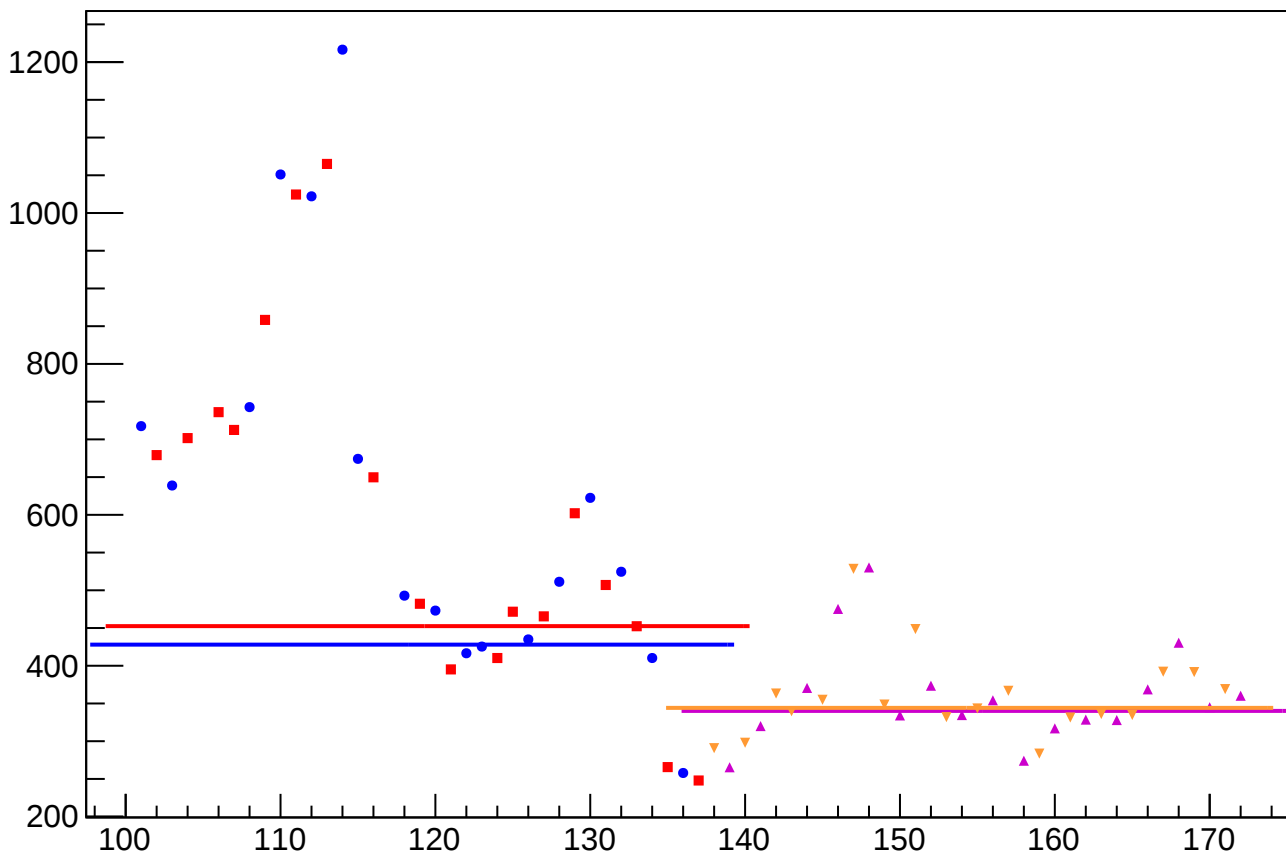
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -43.747 ± 83.613 $\chi^2/\text{NDF}: 47.6/33$

Out: -68.706 ± 84.076 $\chi^2/\text{NDF}: 38.5/35$

All: -56.158 ± 59.286 $\chi^2/\text{NDF}: 86.1/69$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 ± 0.127 $\chi^2/\text{NDF}: 2062245.9/16$

Left Out: 344.173 ± 0.067 $\chi^2/\text{NDF}: 502291.3/17$

Right Out: 452.508 ± 0.131 $\chi^2/\text{NDF}: 2073032.9/17$

Left In: 340.154 ± 0.067 $\chi^2/\text{NDF}: 682365.9/16$

Left: 342.166 ± 0.047 $\chi^2/\text{NDF}: 1186469.1/34$

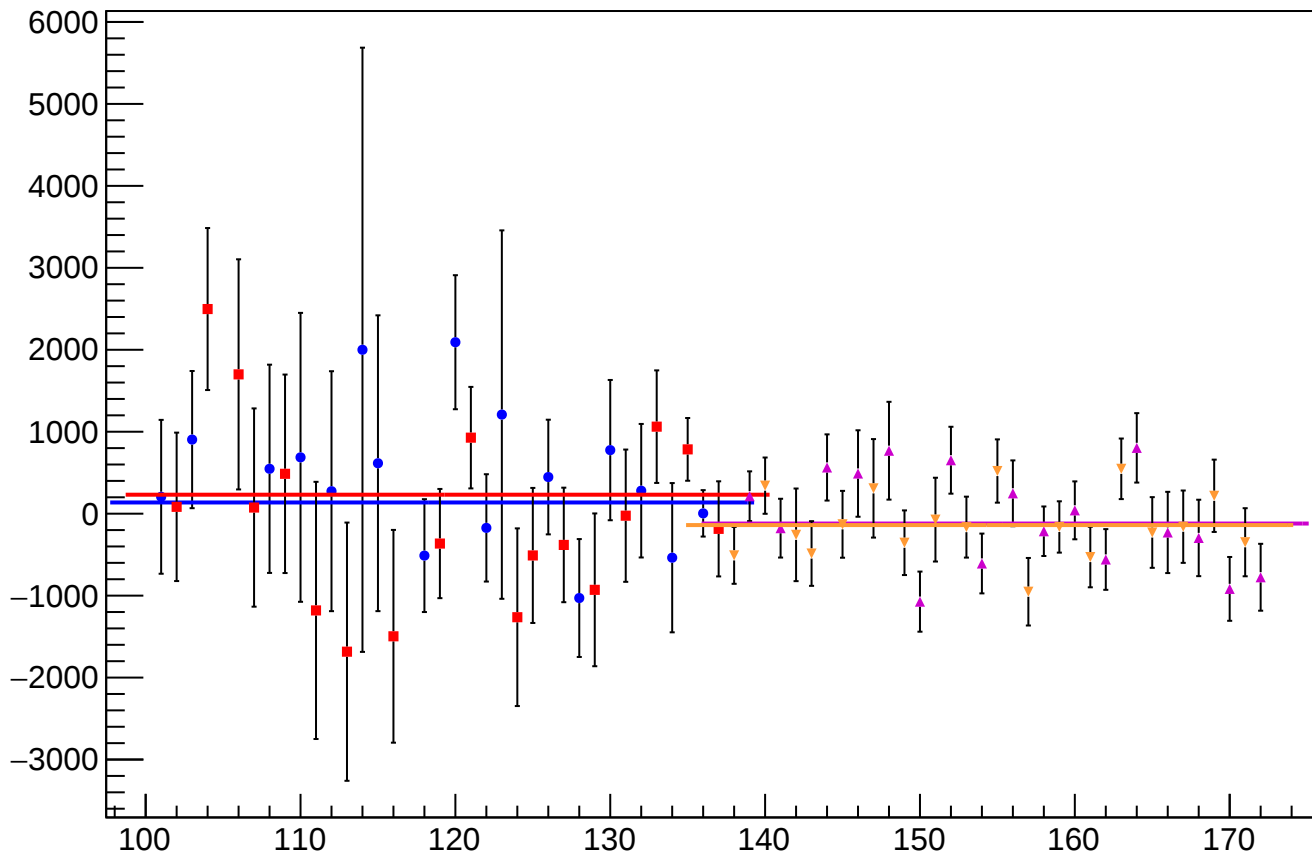
Right: 439.876 ± 0.091 $\chi^2/\text{NDF}: 4153360.2/34$

In: 359.193 ± 0.059 $\chi^2/\text{NDF}: 3119300.3/33$

Out: 366.524 ± 0.059 $\chi^2/\text{NDF}: 3119081.8/35$

All: 362.839 ± 0.042 $\chi^2/\text{NDF}: 6246027.4/69$

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -139.055 $\pm$ 94.698 χ^2 /NDF:17.1/17

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -120.238 $\pm$ 94.740 χ^2 /NDF:34.0/16

Left: -129.651 $\pm$ 66.977 χ^2 /NDF: 51.2/34

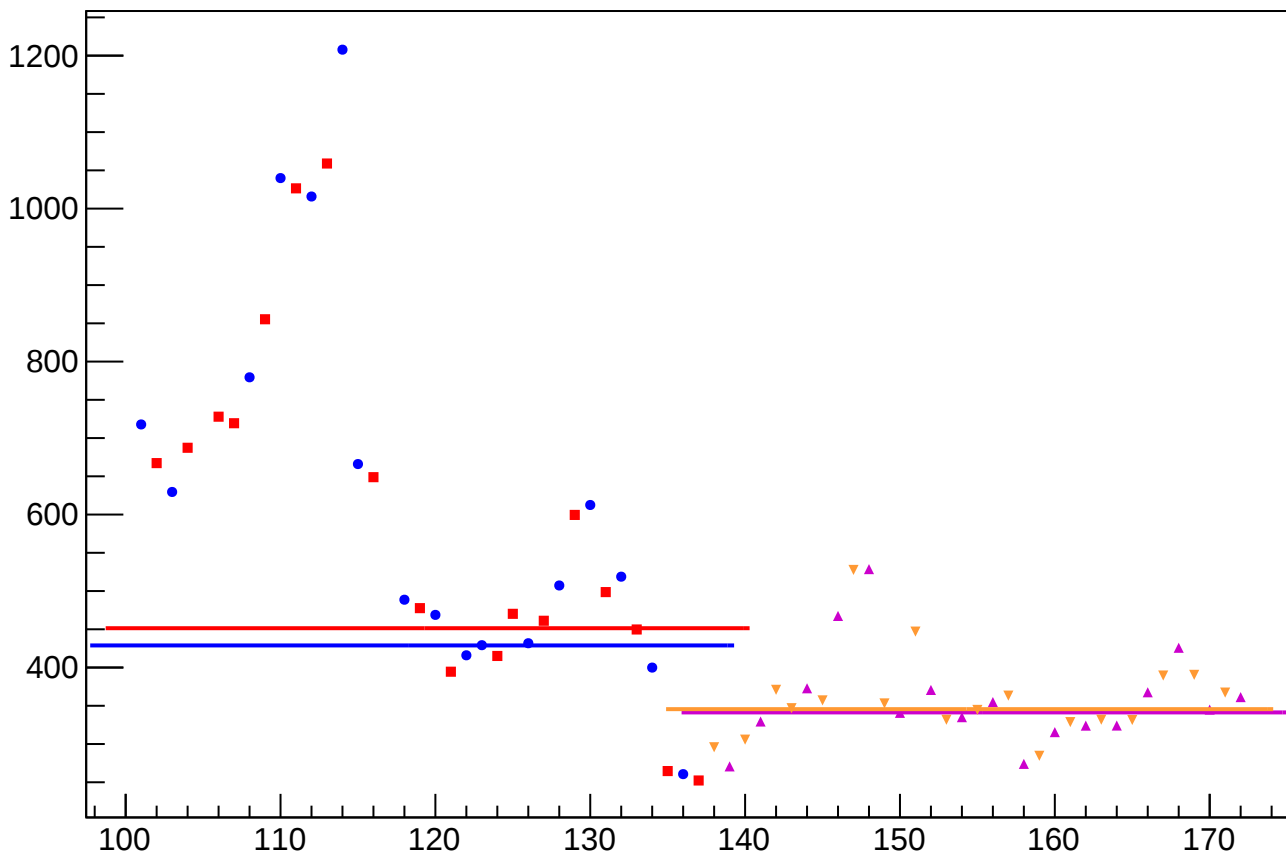
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -64.286 $\pm$ 83.797 χ^2 /NDF:48.3/33

Out: -61.823 $\pm$ 84.256 χ^2 /NDF:42.1/35

All: -63.061 $\pm$ 59.415 χ^2 /NDF: 90.3/69

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.585+/-0.067 χ^2/NDF : 474021.0/17

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 341.315+/-0.067 χ^2/NDF : 640973.2/16

Left: 343.451+/-0.047 χ^2/NDF : 1117026.0/34

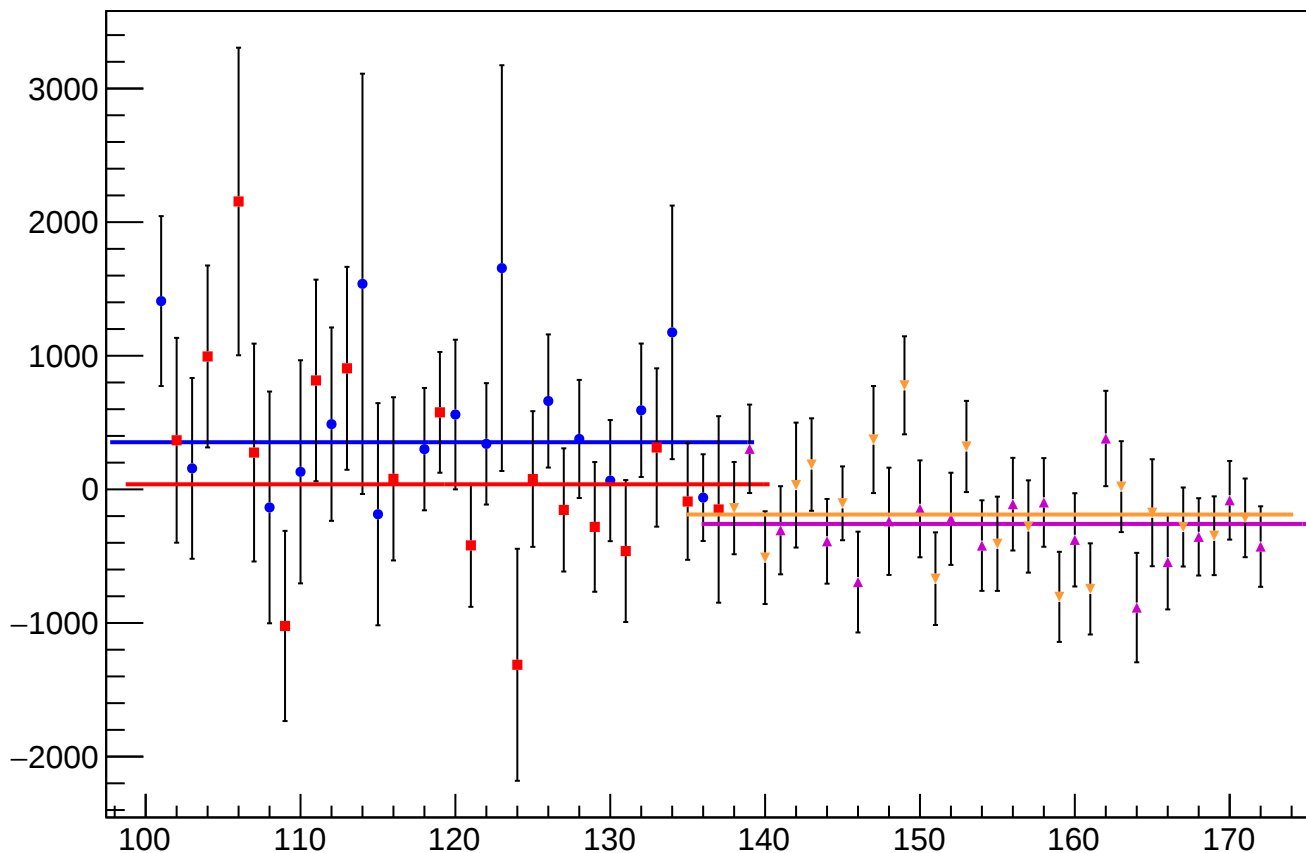
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.378+/-0.059 χ^2/NDF : 3023543.4/33

Out: 367.636+/-0.060 χ^2/NDF : 3025210.9/35

All: 363.987+/-0.042 χ^2/NDF : 6056216.3/69

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -188.257 $\pm$ 79.951 χ^2/NDF :22.6/17

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -258.737 $\pm$ 82.166 χ^2/NDF :12.3/16

Left: -222.534 $\pm$ 57.301 χ^2/NDF : 35.3/34

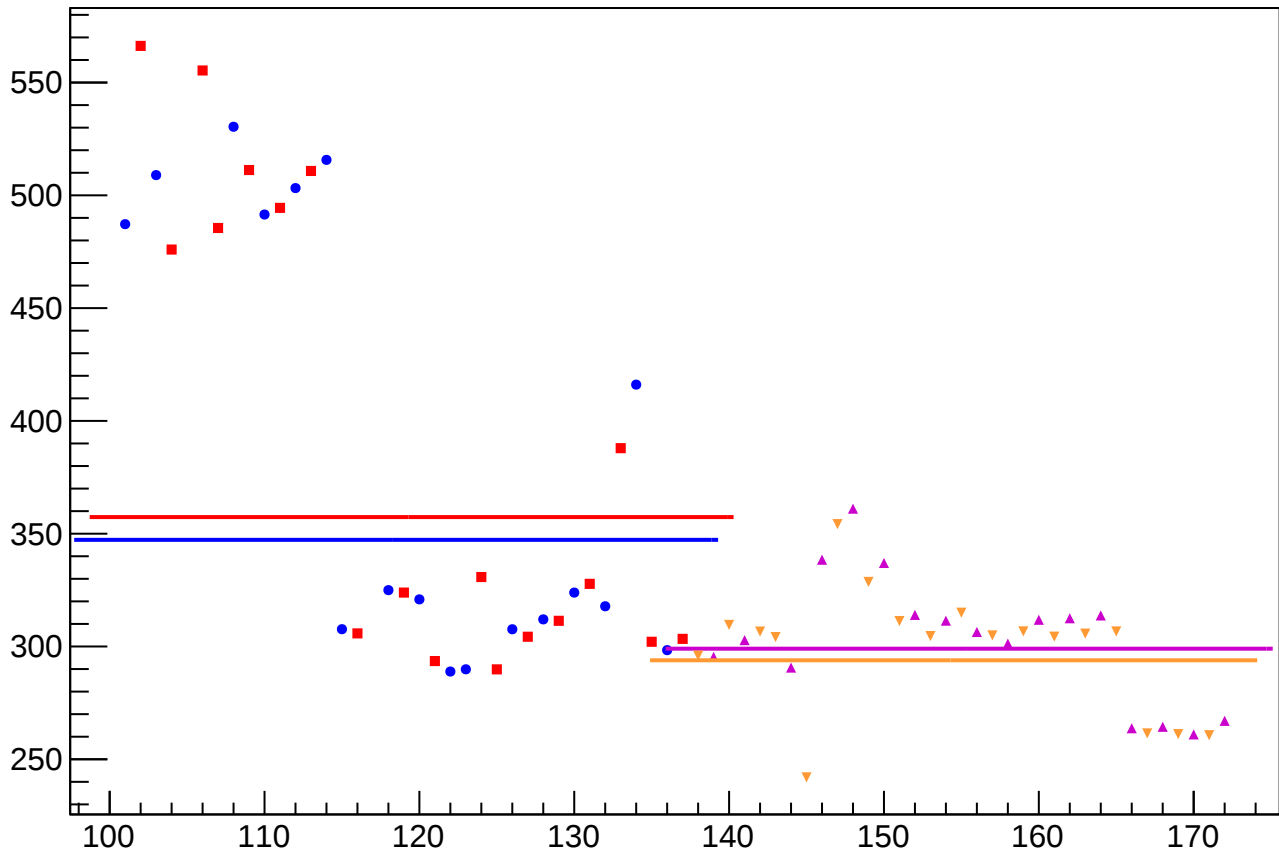
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -97.442 $\pm$ 70.505 χ^2/NDF :35.4/33

Out: -132.030 $\pm$ 69.307 χ^2/NDF :41.6/35

All: -115.032 $\pm$ 49.425 χ^2/NDF : 77.1/69

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 293.880 $\pm$ 0.057 χ^2/NDF : 240908.9/17

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 299.026 $\pm$ 0.058 χ^2/NDF : 213464.2/16

Left: 296.382 $\pm$ 0.041 χ^2/NDF : 458401.9/34

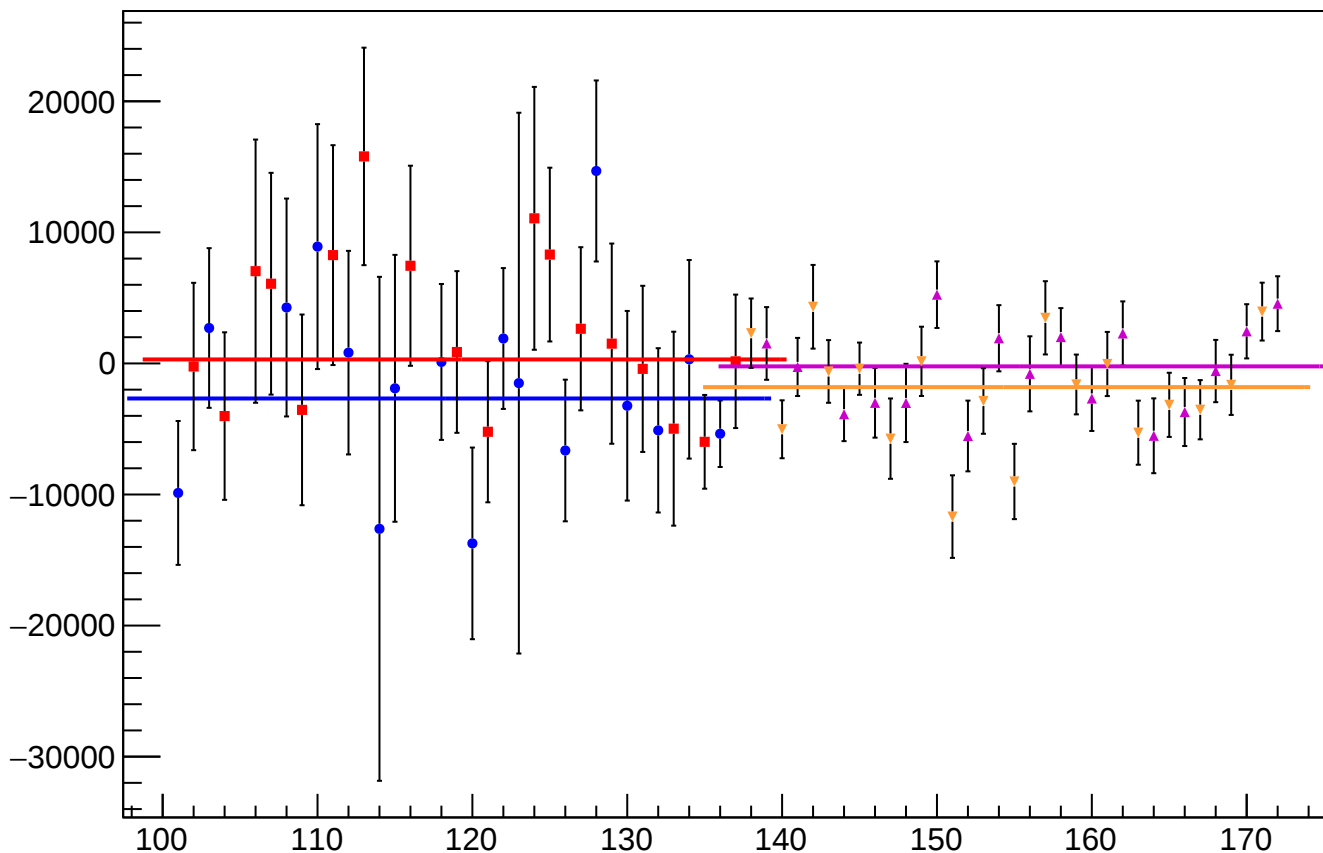
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 311.750 $\pm$ 0.050 χ^2/NDF : 1014268.5/33

Out: 309.658 $\pm$ 0.049 χ^2/NDF : 1314250.6/35

All: 310.686 $\pm$ 0.035 χ^2/NDF : 2329414.8/69

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1808.123 $\pm$ 585.666 χ^2/NDF : 41.3/17

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -224.930 $\pm$ 593.254 χ^2/NDF : 30.0/16

Left: -1026.717 $\pm$ 416.785 χ^2/NDF : 74.9/34

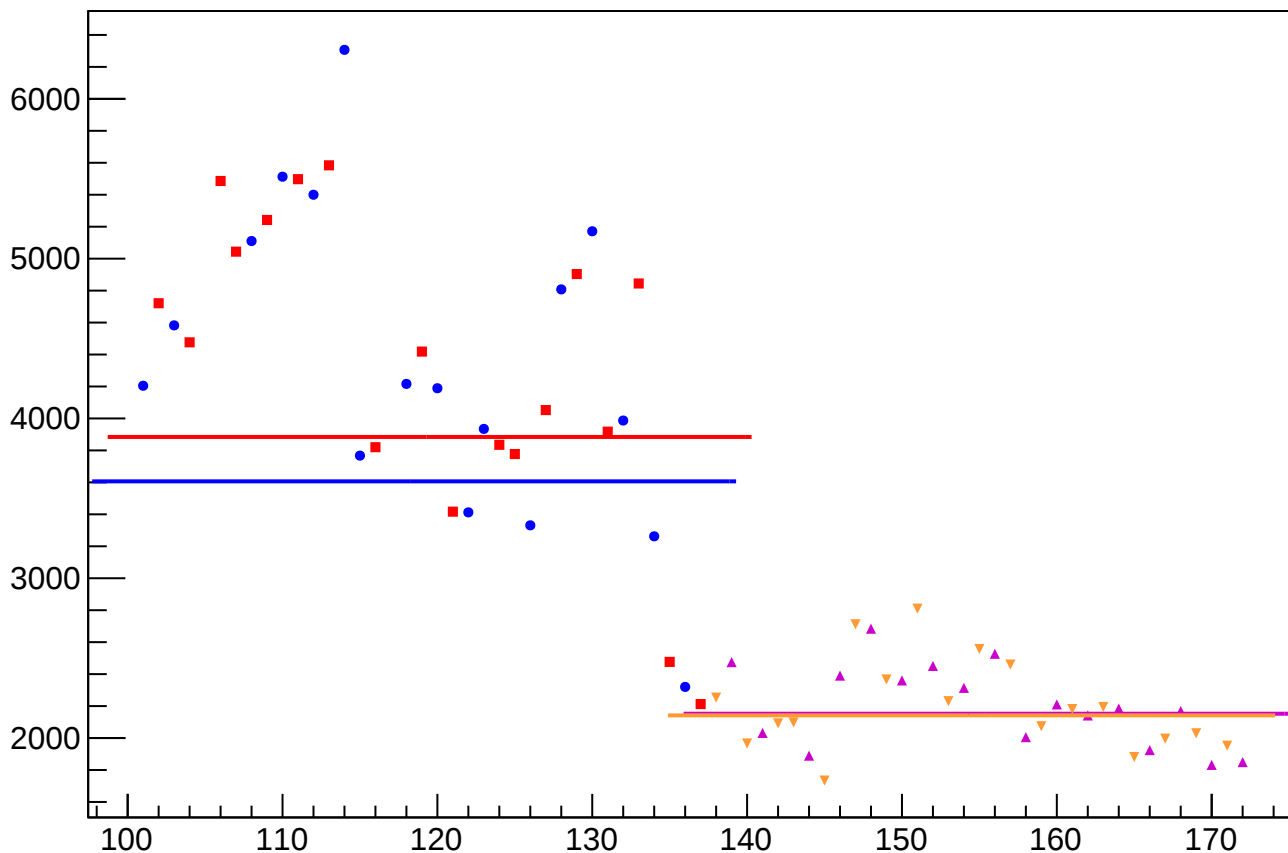
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -573.558 $\pm$ 549.409 χ^2/NDF : 49.2/33

Out: -1534.305 $\pm$ 546.401 χ^2/NDF : 57.3/35

All: -1056.569 $\pm$ 387.423 χ^2/NDF : 108.1/69

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2141.903+/-0.414 χ^2/NDF : 398523.4/17

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2152.301+/-0.419 χ^2/NDF : 341504.1/16

Left: 2147.035+/-0.295 χ^2/NDF : 740338.6/34

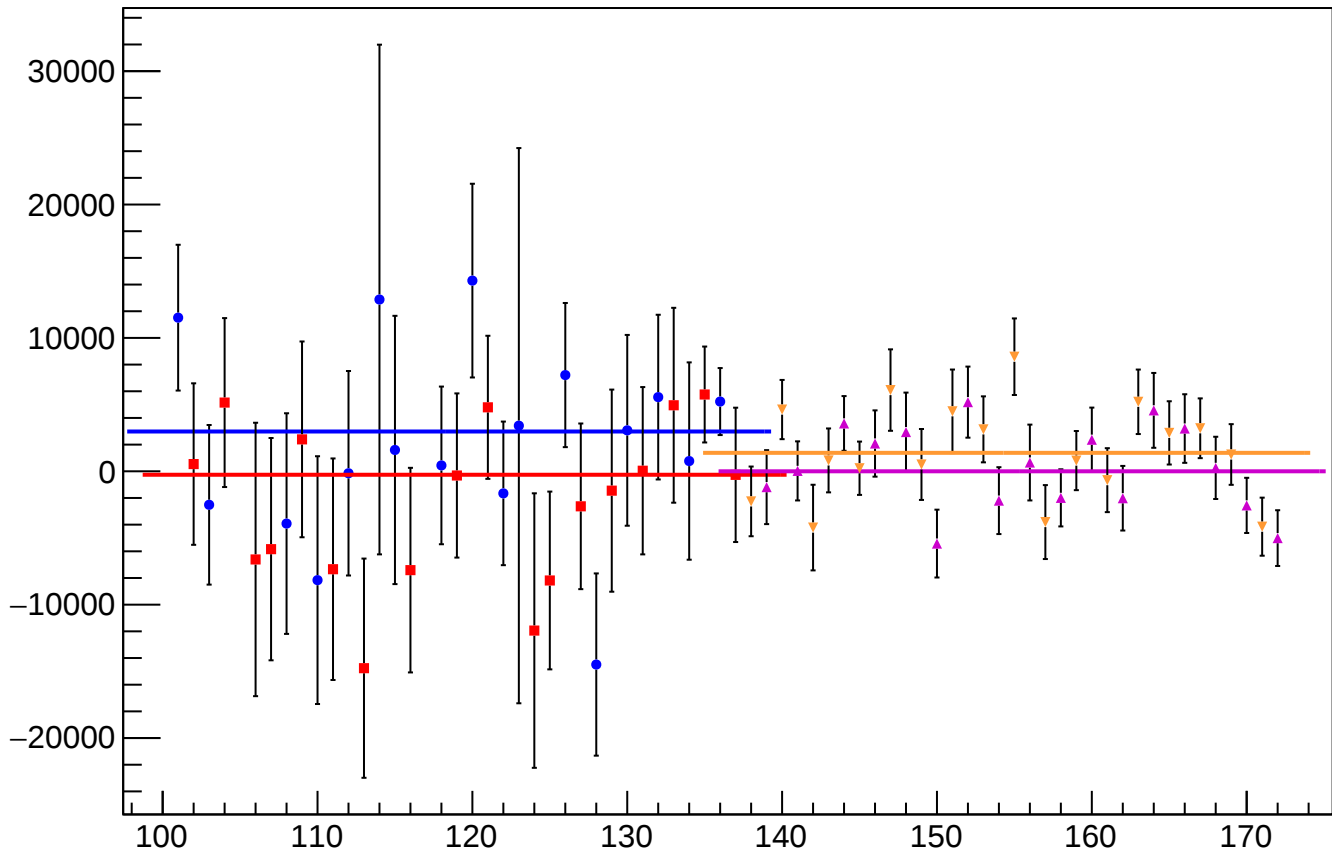
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2359.286+/-0.388 χ^2/NDF : 3144307.4/33

Out: 2367.689+/-0.386 χ^2/NDF : 3686873.7/35

All: 2363.511+/-0.274 χ^2/NDF : 6831416.4/69

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 1383.440 $\pm$ 580.593 χ^2/NDF : 32.2/17

Right Out: -259.721 $\pm$ 1510.344 χ^2/NDF : 13.5/17

Left In: -0.396 $\pm$ 586.048 χ^2/NDF : 28.1/16

Left: 697.992 $\pm$ 412.456 χ^2/NDF : 63.1/34

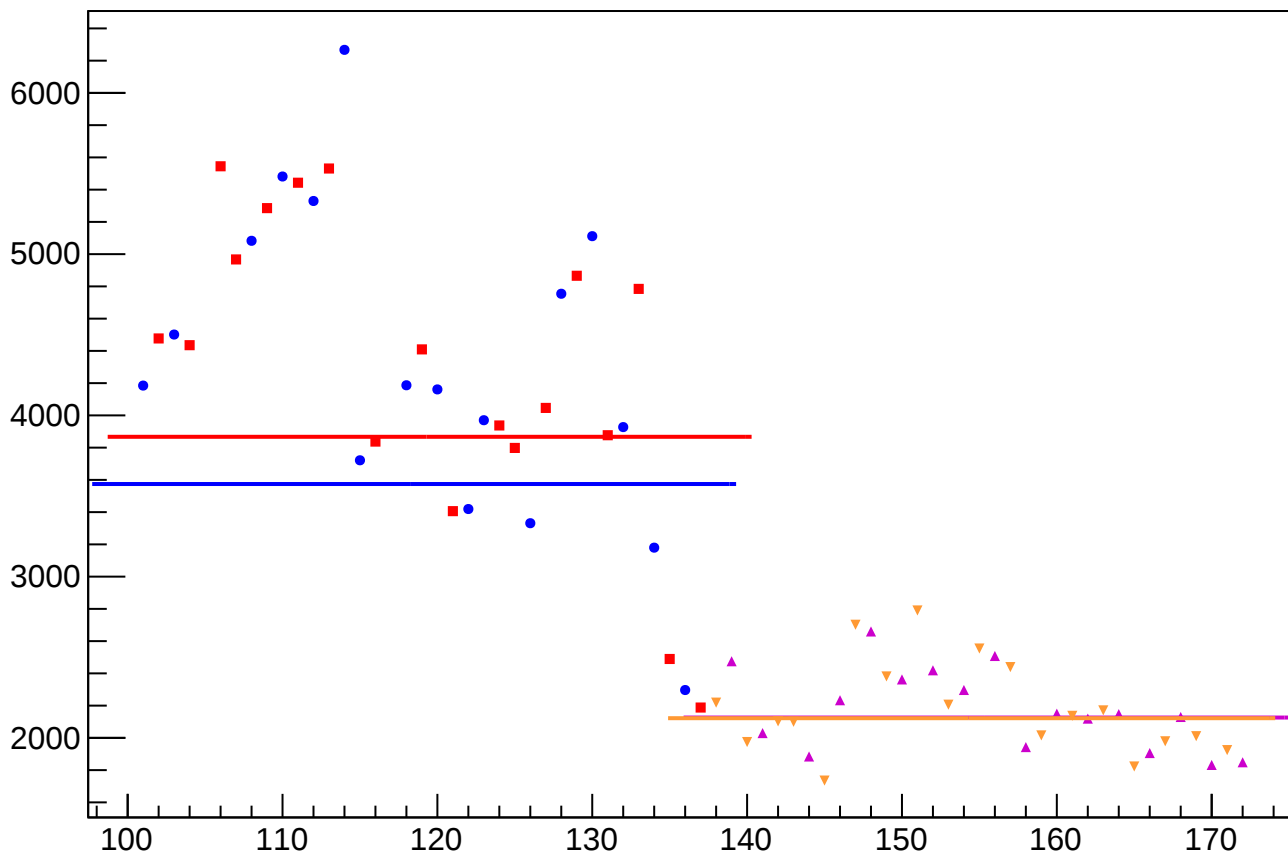
Right: 1435.156 $\pm$ 1043.589 χ^2/NDF : 33.3/34

In: 421.789 $\pm$ 543.009 χ^2/NDF : 49.2/33

Out: 1171.889 $\pm$ 541.931 χ^2/NDF : 46.7/35

All: 797.585 $\pm$ 383.584 χ^2/NDF : 96.9/69

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2122.004+/-0.411 χ^2/NDF : 409630.0/17

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2126.041+/-0.414 χ^2/NDF : 324206.1/16

Left: 2124.004+/-0.292 χ^2/NDF : 733883.9/34

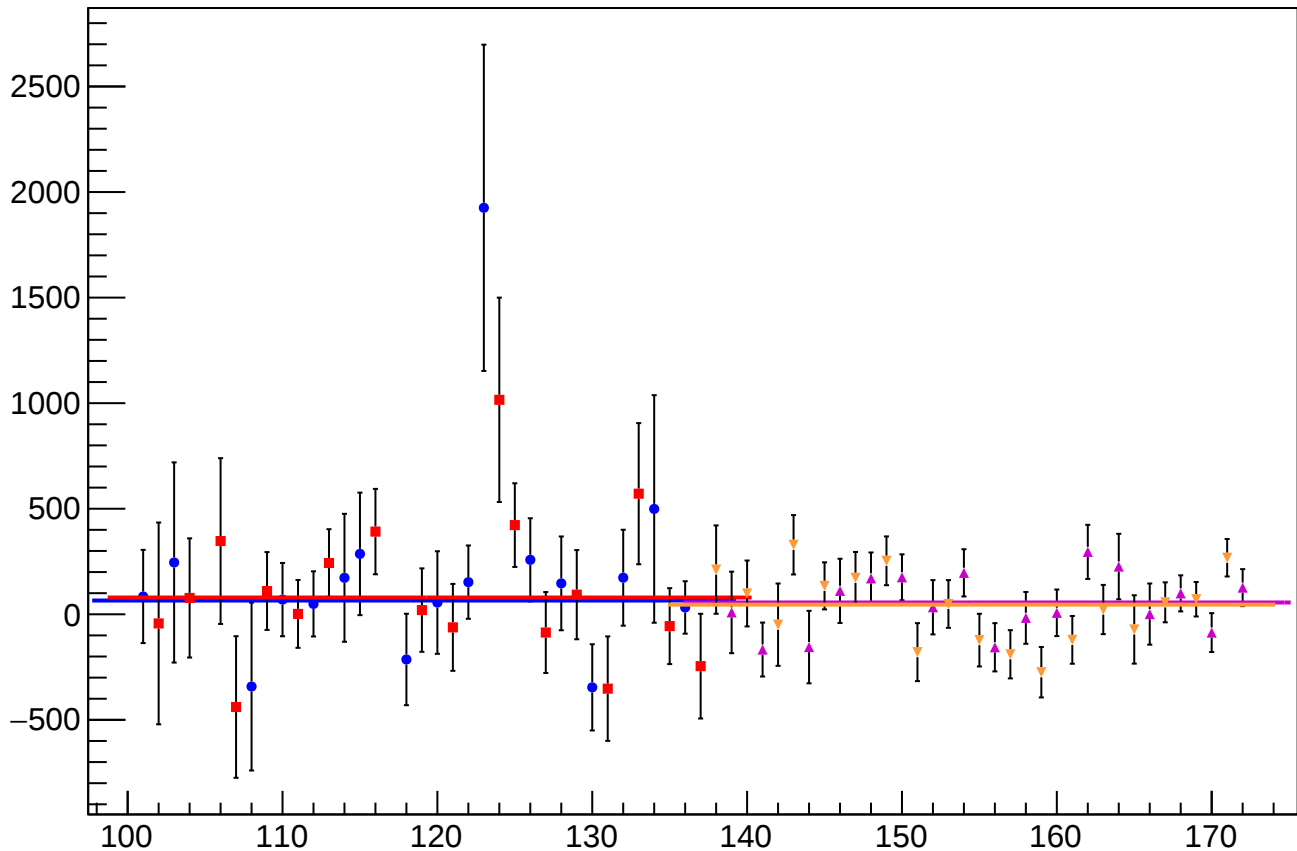
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2330.954+/-0.384 χ^2/NDF : 3143768.5/33

Out: 2346.696+/-0.383 χ^2/NDF : 3704394.4/35

All: 2338.841+/-0.271 χ^2/NDF : 6849005.1/69

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 45.734 $\pm$ 27.915 χ^2 /NDF:35.0/17

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 55.923 $\pm$ 28.665 χ^2 /NDF:20.6/16

Left: 50.693 $\pm$ 19.999 χ^2 /NDF: 55.7/34

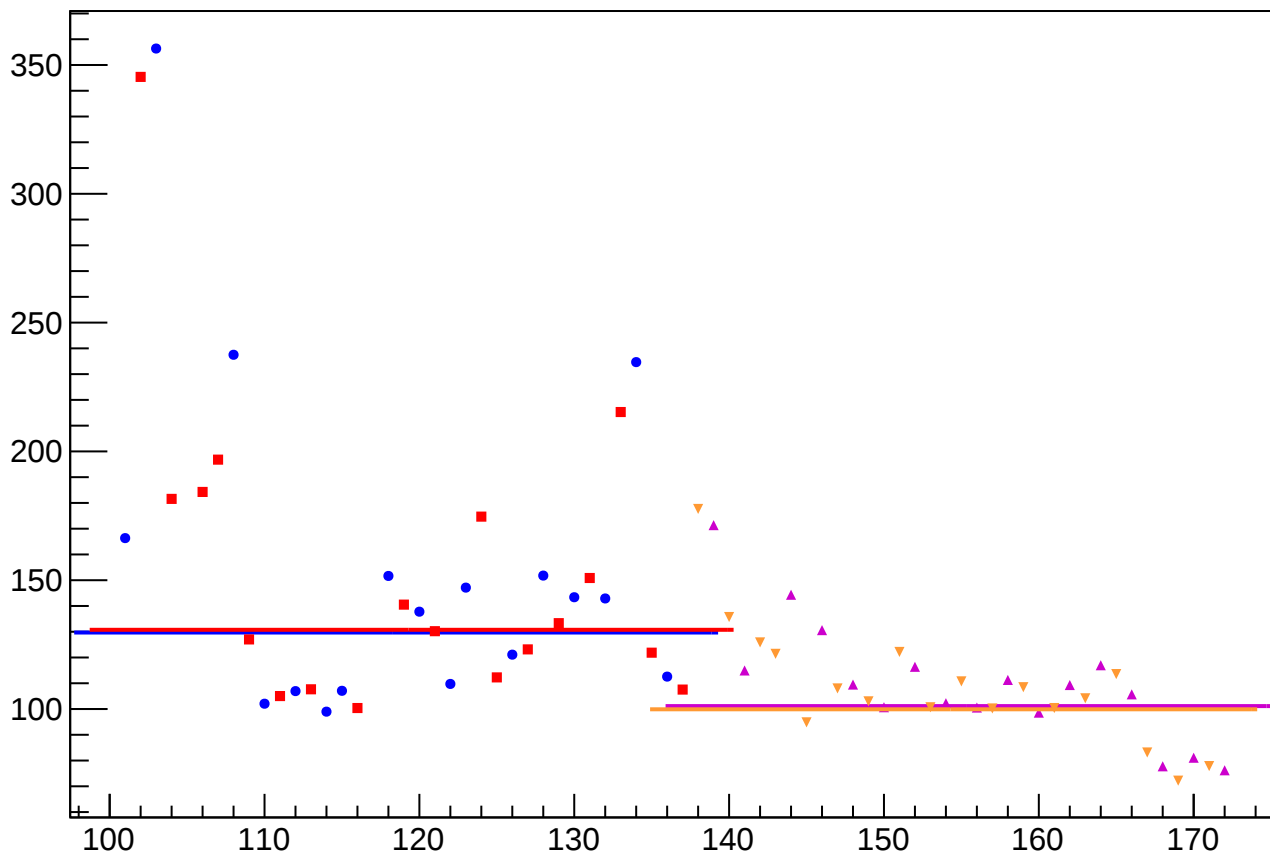
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 58.047 $\pm$ 25.181 χ^2 /NDF:36.3/33

Out: 53.205 $\pm$ 24.631 χ^2 /NDF:57.5/35

All: 55.572 $\pm$ 17.608 χ^2 /NDF: 93.8/69

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.891 $\pm$ 0.020 χ^2 /NDF:989398.2/17

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 101.135 $\pm$ 0.020 χ^2 /NDF:980009.9/16

Left: 100.496 $\pm$ 0.014 χ^2 /NDF: 1971339.9/34

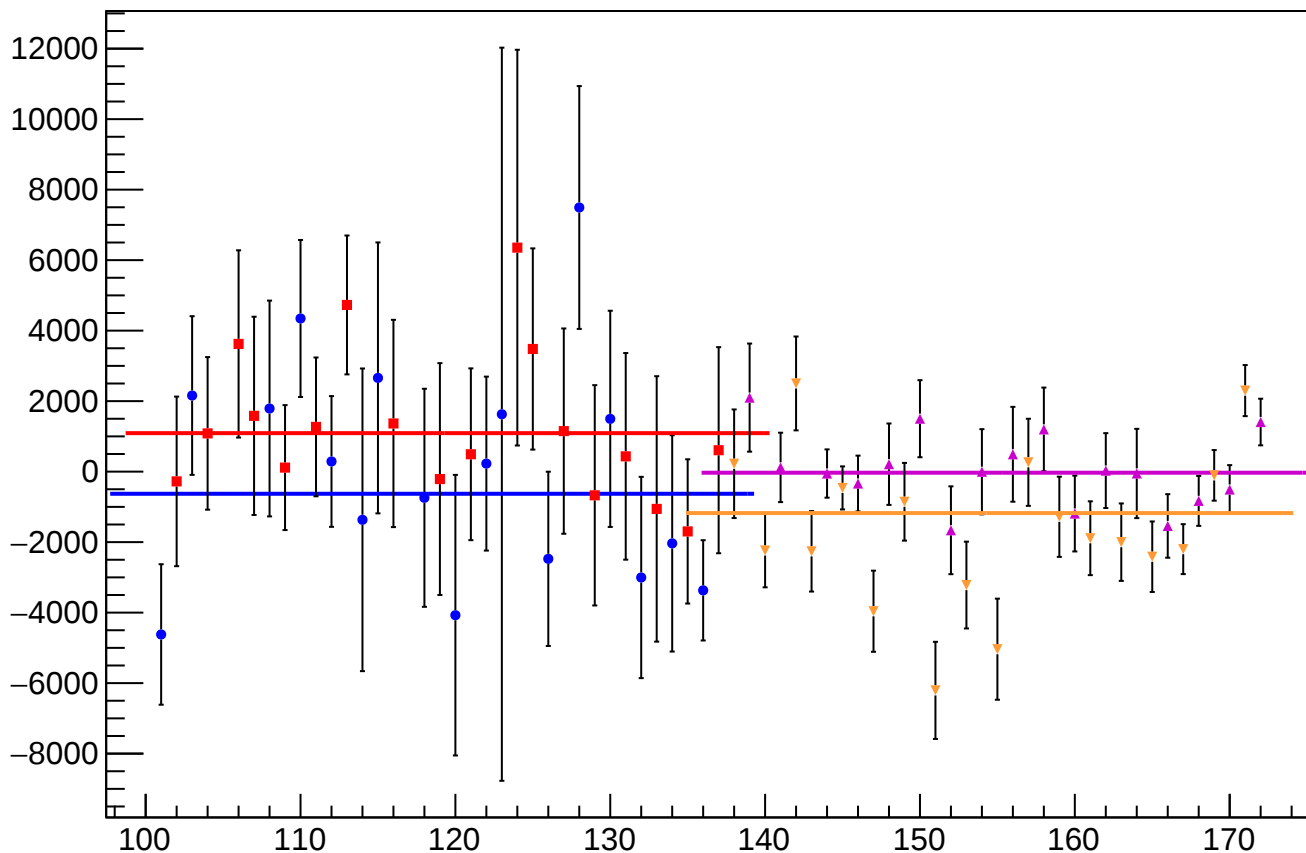
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 107.656 $\pm$ 0.018 χ^2 /NDF:2423025.4/33

Out: 106.725 $\pm$ 0.017 χ^2 /NDF:2458175.9/35

All: 107.180 $\pm$ 0.012 χ^2 /NDF: 4882598.7/69

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 $\pm$ 621.486 χ^2/NDF : 24.3/16

Left Out: -1175.429 $\pm$ 231.826 χ^2/NDF : 72.3/17

Right Out: 1091.945 $\pm$ 599.483 χ^2/NDF : 9.4/17

Left In: -30.902 $\pm$ 227.436 χ^2/NDF : 17.5/16

Left: -592.224 $\pm$ 162.351 χ^2/NDF : 102.2/34

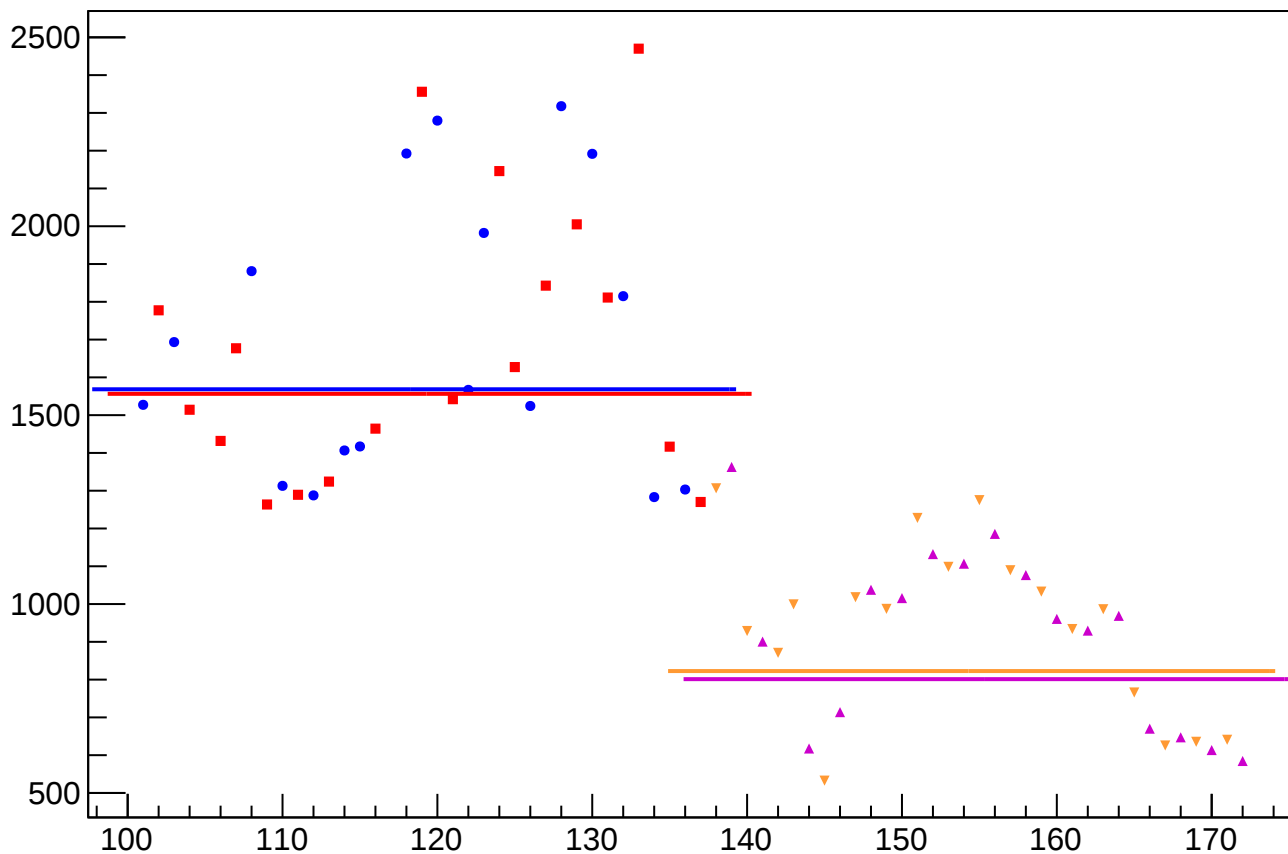
Right: 262.874 $\pm$ 431.468 χ^2/NDF : 37.6/34

In: -101.443 $\pm$ 213.583 χ^2/NDF : 42.6/33

Out: -880.464 $\pm$ 216.222 χ^2/NDF : 94.1/35

All: -486.171 $\pm$ 151.950 χ^2/NDF : 143.3/69

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 822.643 $\pm$ 0.164 χ^2 /NDF: 1945725.2/17

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 801.247 $\pm$ 0.161 χ^2 /NDF: 1764320.3/16

Left: 811.741 $\pm$ 0.115 χ^2 /NDF: 3718726.7/34

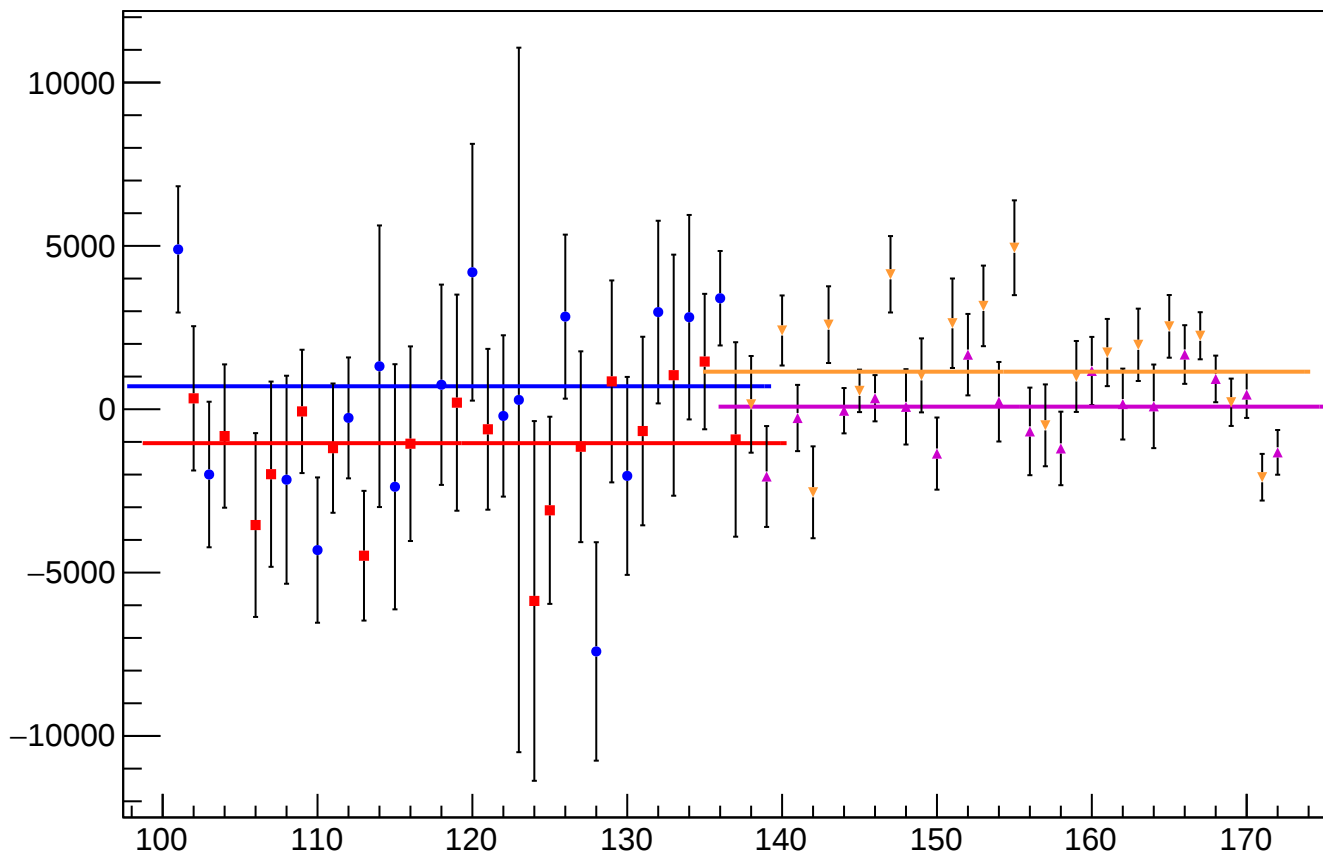
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 891.862 $\pm$ 0.151 χ^2 /NDF: 4986571.9/33

Out: 918.101 $\pm$ 0.153 χ^2 /NDF: 5062826.4/35

All: 904.820 $\pm$ 0.107 χ^2 /NDF: 10064306.4/69

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1149.302 $\pm$ 234.270 χ^2 /NDF: 57.4/17

Right Out: -1038.423 $\pm$ 604.250 χ^2 /NDF: 8.2/17

Left In: 78.925 $\pm$ 227.158 χ^2 /NDF: 17.3/16

Left: 597.620 $\pm$ 163.081 χ^2 /NDF: 85.4/34

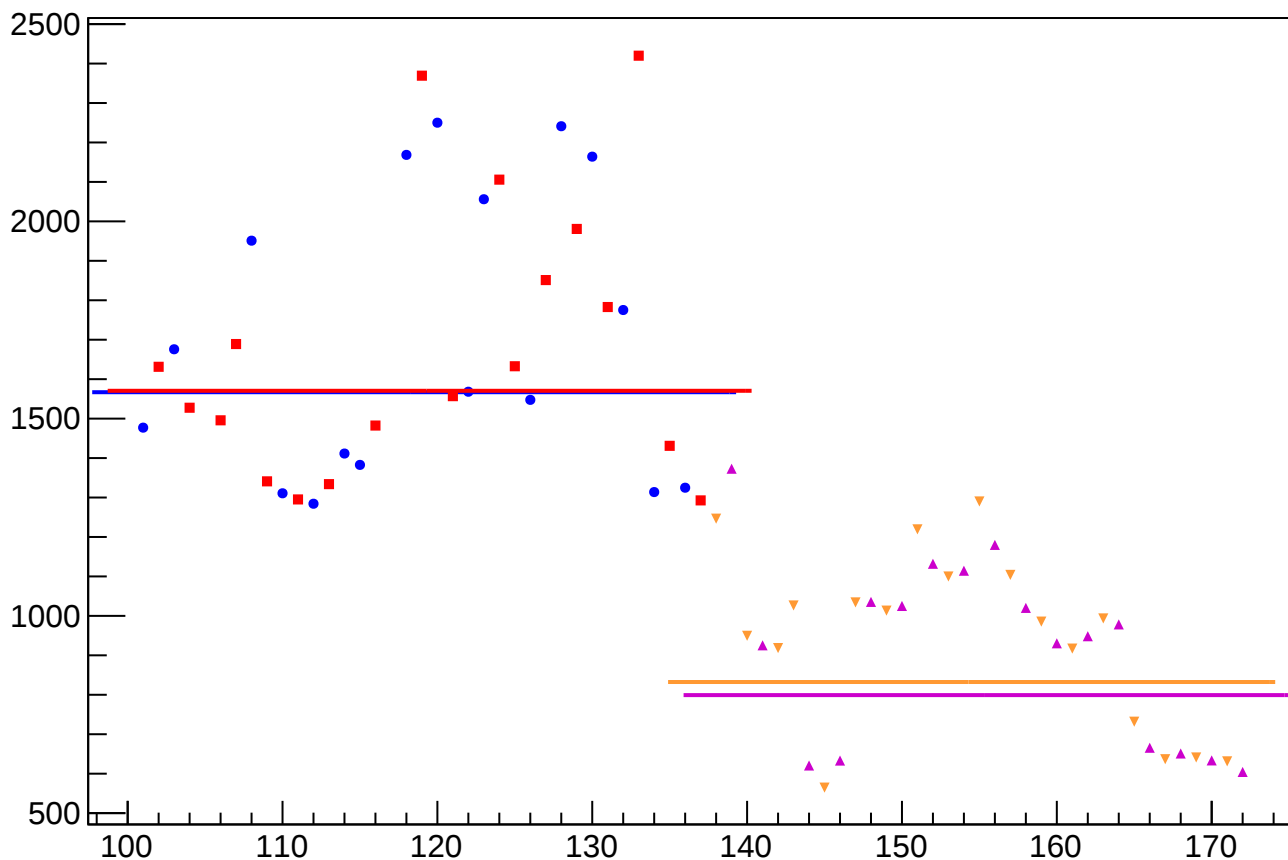
Right: -190.951 $\pm$ 432.940 χ^2 /NDF: 38.2/34

In: 152.661 $\pm$ 213.318 χ^2 /NDF: 44.1/33

Out: 863.427 $\pm$ 218.428 χ^2 /NDF: 77.0/35

All: 499.633 $\pm$ 152.613 χ^2 /NDF: 126.6/69

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 832.366 $\pm$ 0.166 χ^2 /NDF:1801892.7/17

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 799.152 $\pm$ 0.161 χ^2 /NDF:1740832.9/16

Left: 815.247 $\pm$ 0.115 χ^2 /NDF: 3563445.1/34

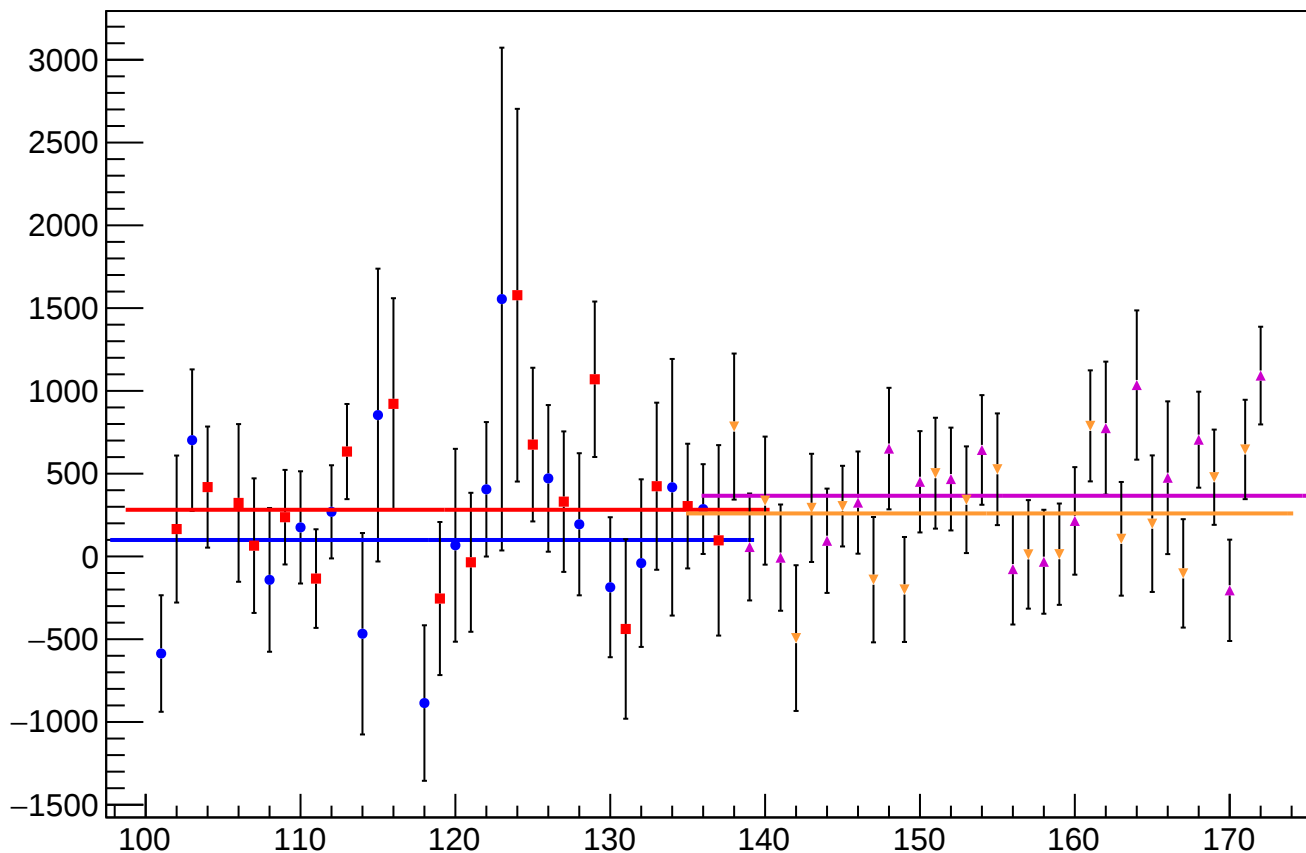
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 889.860 $\pm$ 0.151 χ^2 /NDF:4940021.1/33

Out: 928.825 $\pm$ 0.154 χ^2 /NDF:4835982.1/35

All: 908.881 $\pm$ 0.108 χ^2 /NDF: 9808580.1/69

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 259.748 $\pm$ 78.276 χ^2 /NDF:16.2/17

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 366.474 $\pm$ 80.098 χ^2 /NDF:22.3/16

Left: 311.884 $\pm$ 55.983 χ^2 /NDF: 39.4/34

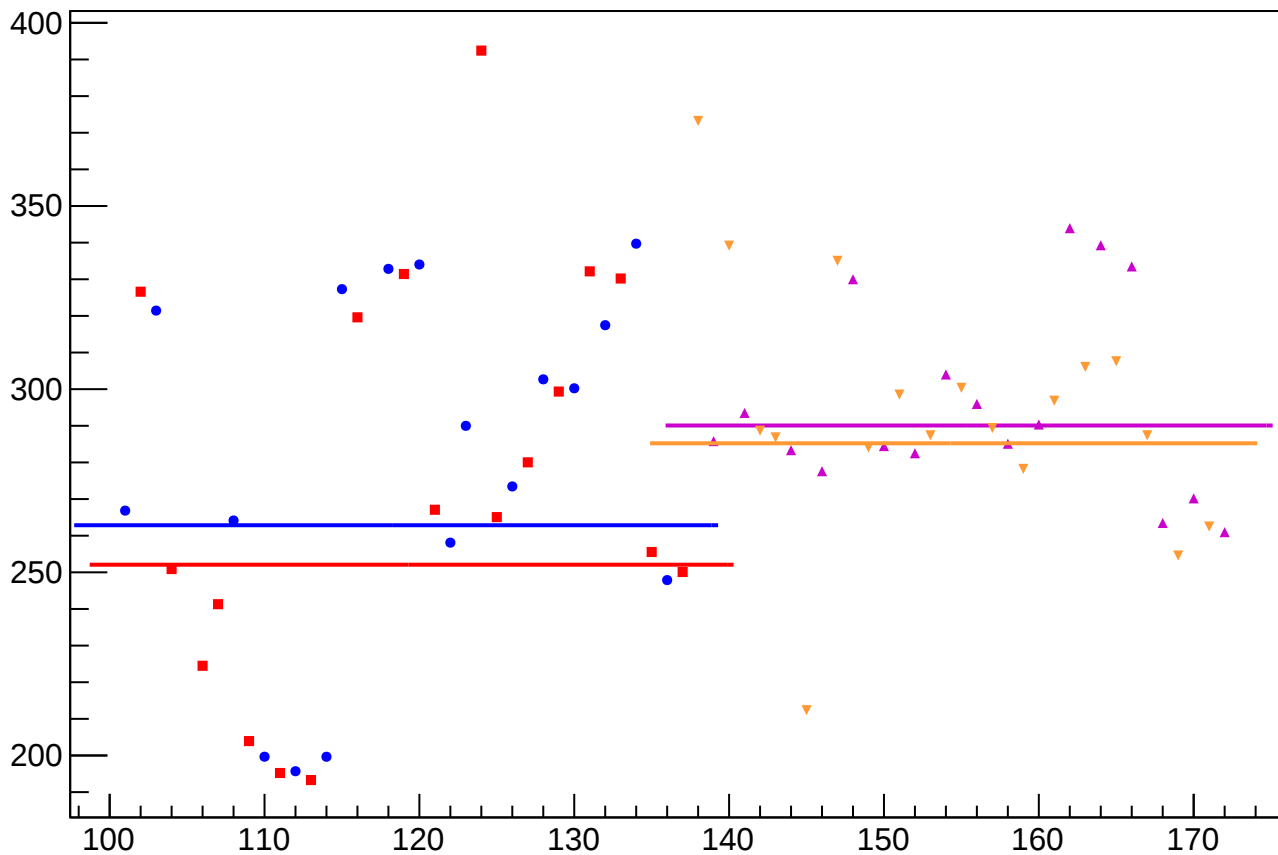
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 266.386 $\pm$ 63.336 χ^2 /NDF:42.4/33

Out: 268.362 $\pm$ 61.132 χ^2 /NDF:30.0/35

All: 267.409 $\pm$ 43.985 χ^2 /NDF: 72.4/69

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2/NDF : 411698.3/16

Left Out: 285.227 $\pm$ 0.055 χ^2/NDF :390768.2/17

Right Out: 252.079 $\pm$ 0.069 χ^2/NDF : 515150.4/17

Left In: 290.083 $\pm$ 0.057 χ^2/NDF :157231.7/16

Left: 287.599 $\pm$ 0.040 χ^2/NDF : 551759.6/34

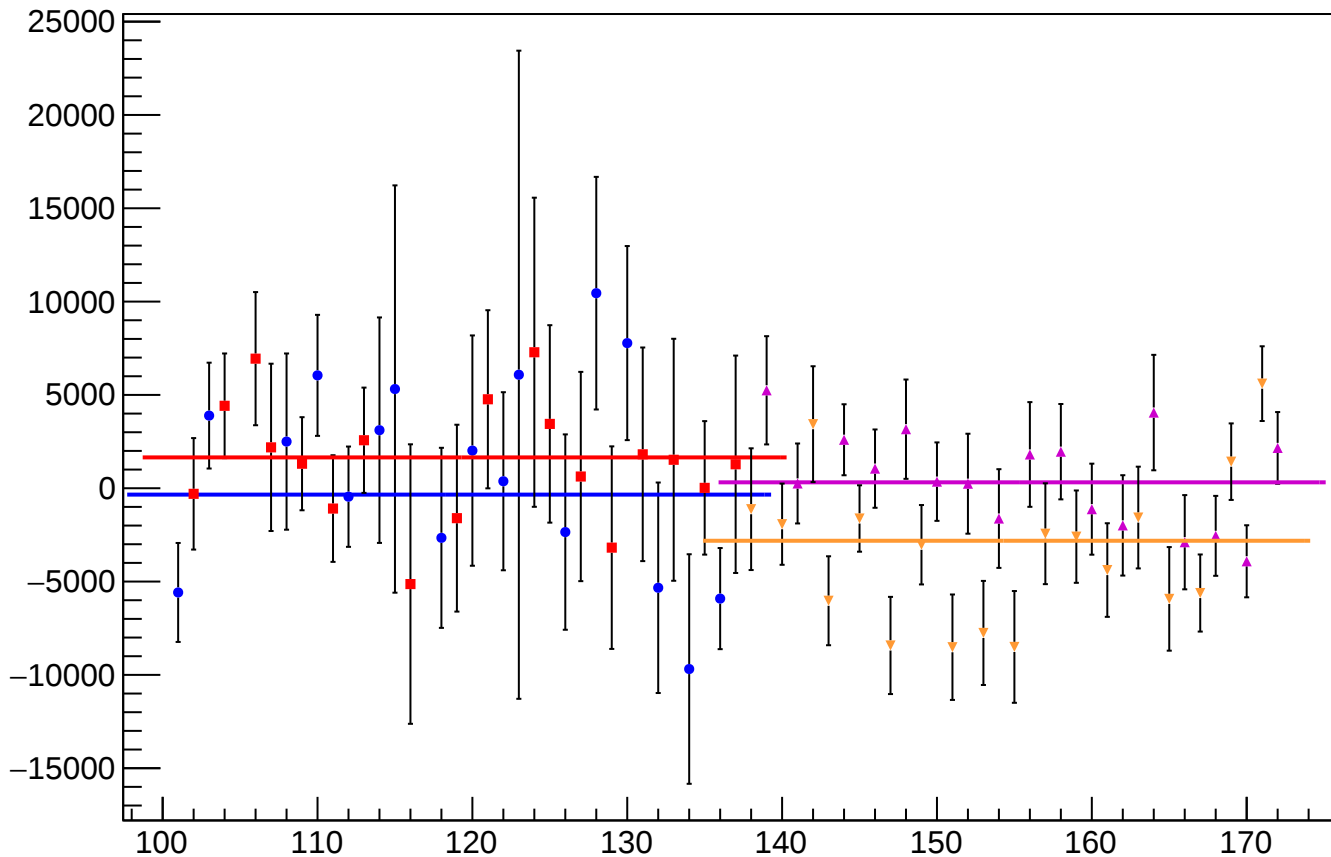
Right: 257.169 $\pm$ 0.050 χ^2/NDF : 938300.0/34

In: 279.880 $\pm$ 0.045 χ^2/NDF :655524.5/33

Out: 272.297 $\pm$ 0.043 χ^2/NDF :1045818.0/35

All: 275.954 $\pm$ 0.031 χ^2/NDF : 1716184.9/69

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2813.891+/-569.727 χ^2/NDF : 47.9/17

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 316.455+/-568.270 χ^2/NDF : 18.5/16

Left: -1244.710+/-402.342 χ^2/NDF : 81.5/34

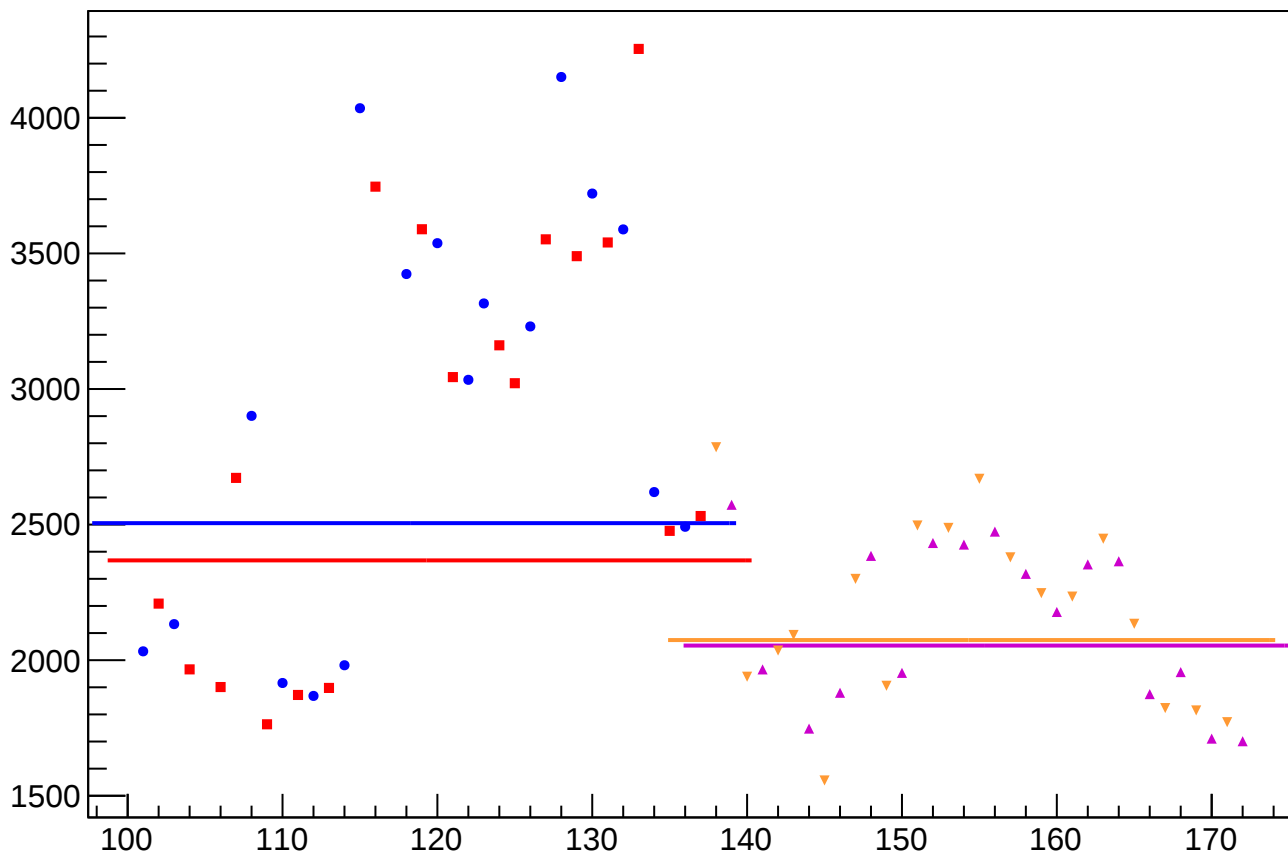
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 156.957+/-494.624 χ^2/NDF : 43.3/33

Out: -1594.975+/-485.793 χ^2/NDF : 72.6/35

All: -734.786+/-346.588 χ^2/NDF : 122.3/69

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2074.209+/-0.403 χ^2/NDF : 657171.1/17

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2053.911+/-0.402 χ^2/NDF : 509523.5/16

Left: 2064.034+/-0.284 χ^2/NDF : 1167967.3/34

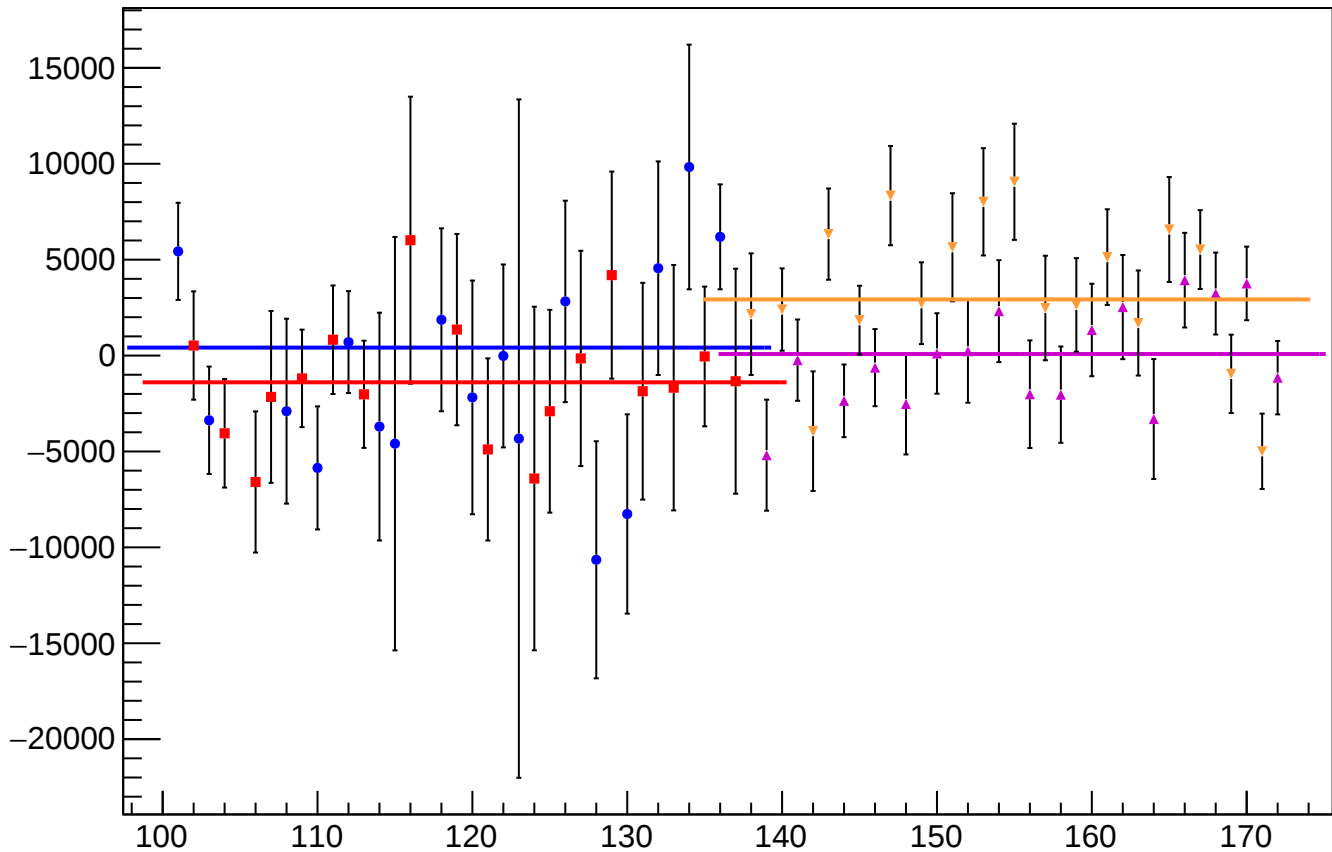
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2163.335+/-0.350 χ^2/NDF : 1679580.0/33

Out: 2154.398+/-0.344 χ^2/NDF : 1833212.5/35

All: 2158.786+/-0.245 χ^2/NDF : 3513124.8/69

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2927.045 $\pm$ 567.582 χ^2 /NDF:44.4/17

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: 79.444 $\pm$ 564.051 χ^2 /NDF:19.1/16

Left: 1494.359 $\pm$ 400.087 χ^2 /NDF: 76.1/34

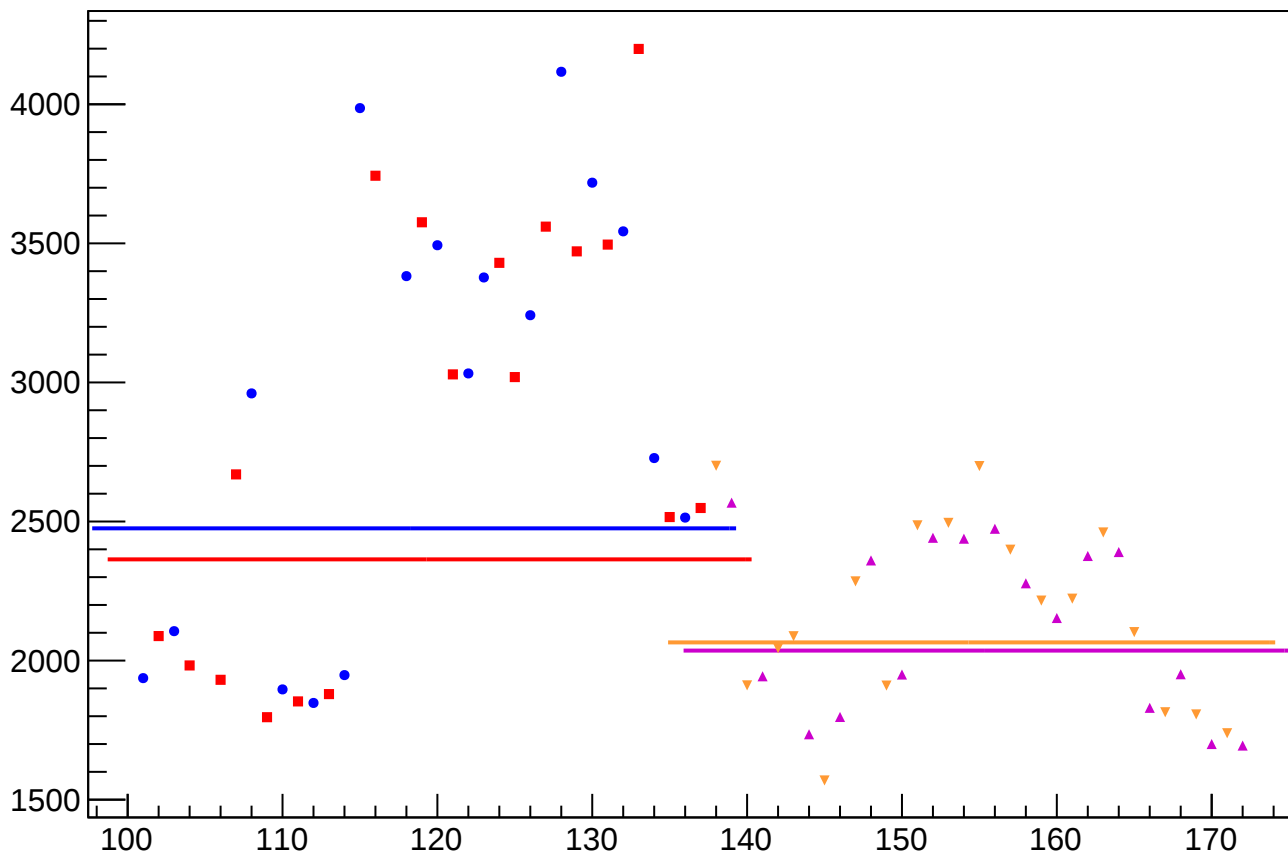
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: 161.197 $\pm$ 490.680 χ^2 /NDF:43.6/33

Out: 1752.345 $\pm$ 484.339 χ^2 /NDF:67.6/35

All: 967.118 $\pm$ 344.700 χ^2 /NDF: 116.6/69

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2065.392 $\pm$ 0.401 χ^2 /NDF: 652806.6/17

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2035.957 $\pm$ 0.399 χ^2 /NDF: 546058.4/16

Left: 2050.583 $\pm$ 0.283 χ^2 /NDF: 1201571.2/34

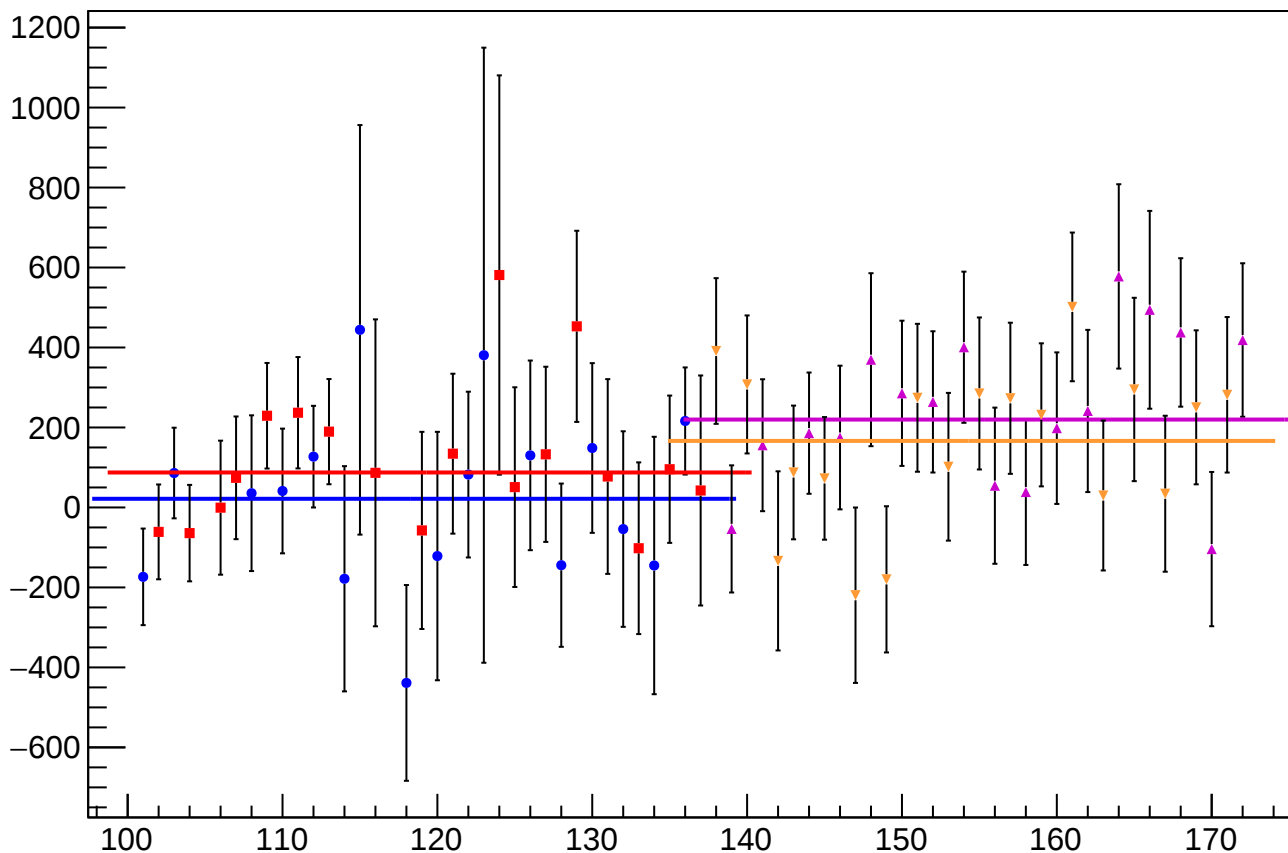
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2142.854 $\pm$ 0.347 χ^2 /NDF: 1754452.3/33

Out: 2146.532 $\pm$ 0.342 χ^2 /NDF: 1830057.9/35

All: 2144.717 $\pm$ 0.244 χ^2 /NDF: 3584567.1/69

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 166.413 $\pm$ 44.094 χ^2/NDF : 17.7/17

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 219.795 $\pm$ 45.211 χ^2/NDF : 15.5/16

Left: 192.437 $\pm$ 31.567 χ^2/NDF : 33.8/34

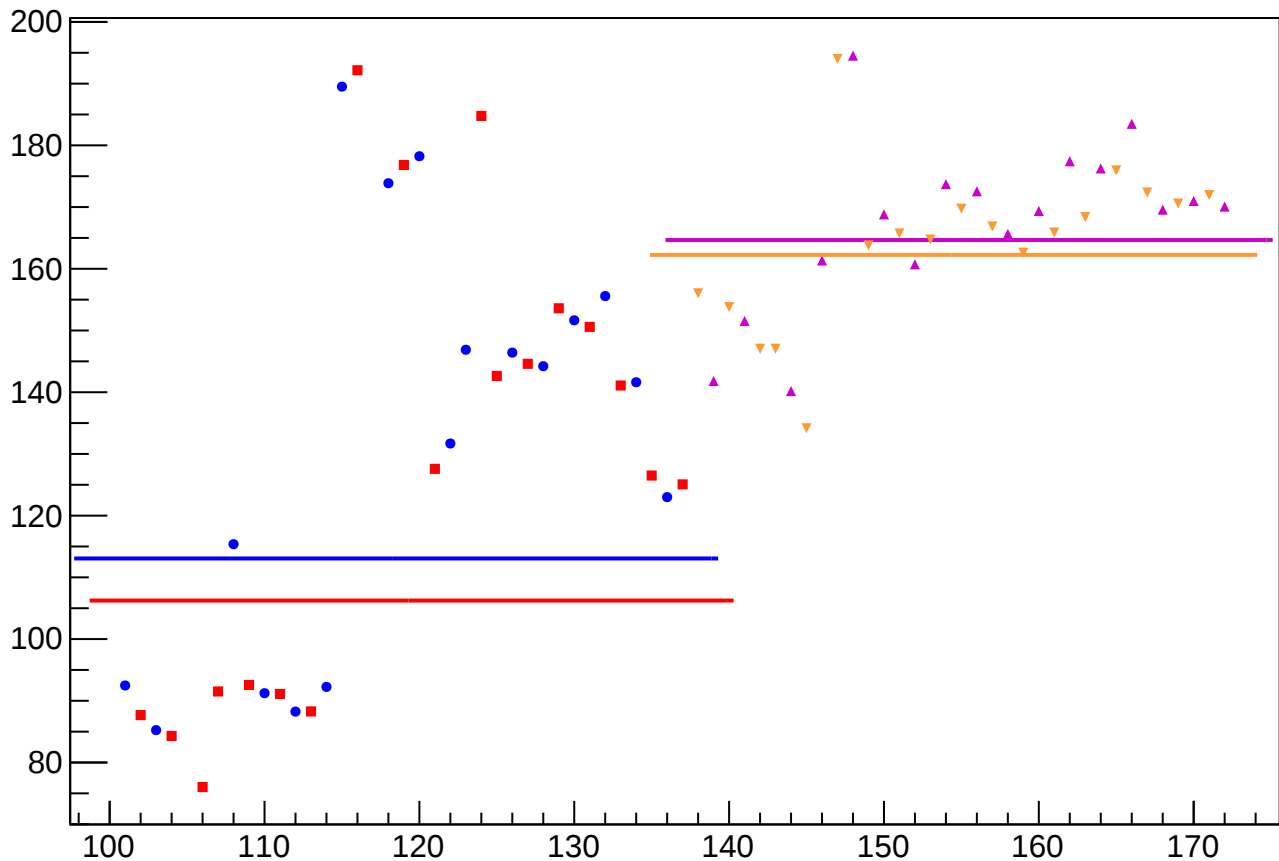
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 120.603 $\pm$ 31.950 χ^2/NDF : 37.7/33

Out: 124.843 $\pm$ 30.346 χ^2/NDF : 30.3/35

All: 122.832 $\pm$ 22.003 χ^2/NDF : 68.0/69

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 162.251+/-0.031 χ^2/NDF : 171625.7/17

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 164.668+/-0.032 χ^2/NDF : 185833.1/16

Left: 163.429+/-0.022 χ^2/NDF : 360390.1/34

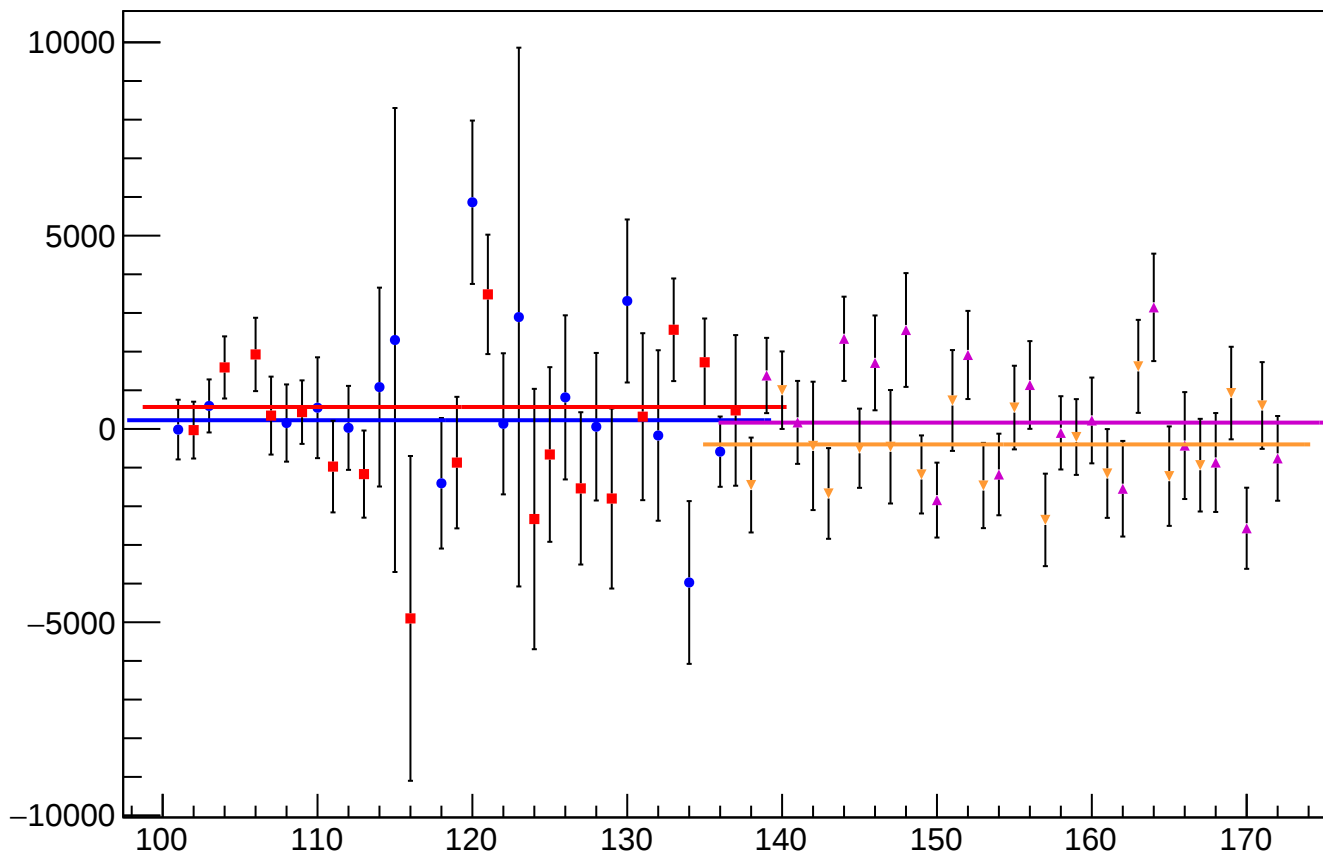
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 138.832+/-0.023 χ^2/NDF : 2311272.9/33

Out: 132.768+/-0.021 χ^2/NDF : 2821958.6/35

All: 135.644+/-0.016 χ^2/NDF : 5171115.5/69

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -399.835 $\pm$ 273.234 χ^2 /NDF:15.5/17

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 163.634 $\pm$ 273.444 χ^2 /NDF:33.7/16

Left: -118.316 $\pm$ 193.280 χ^2 /NDF: 51.3/34

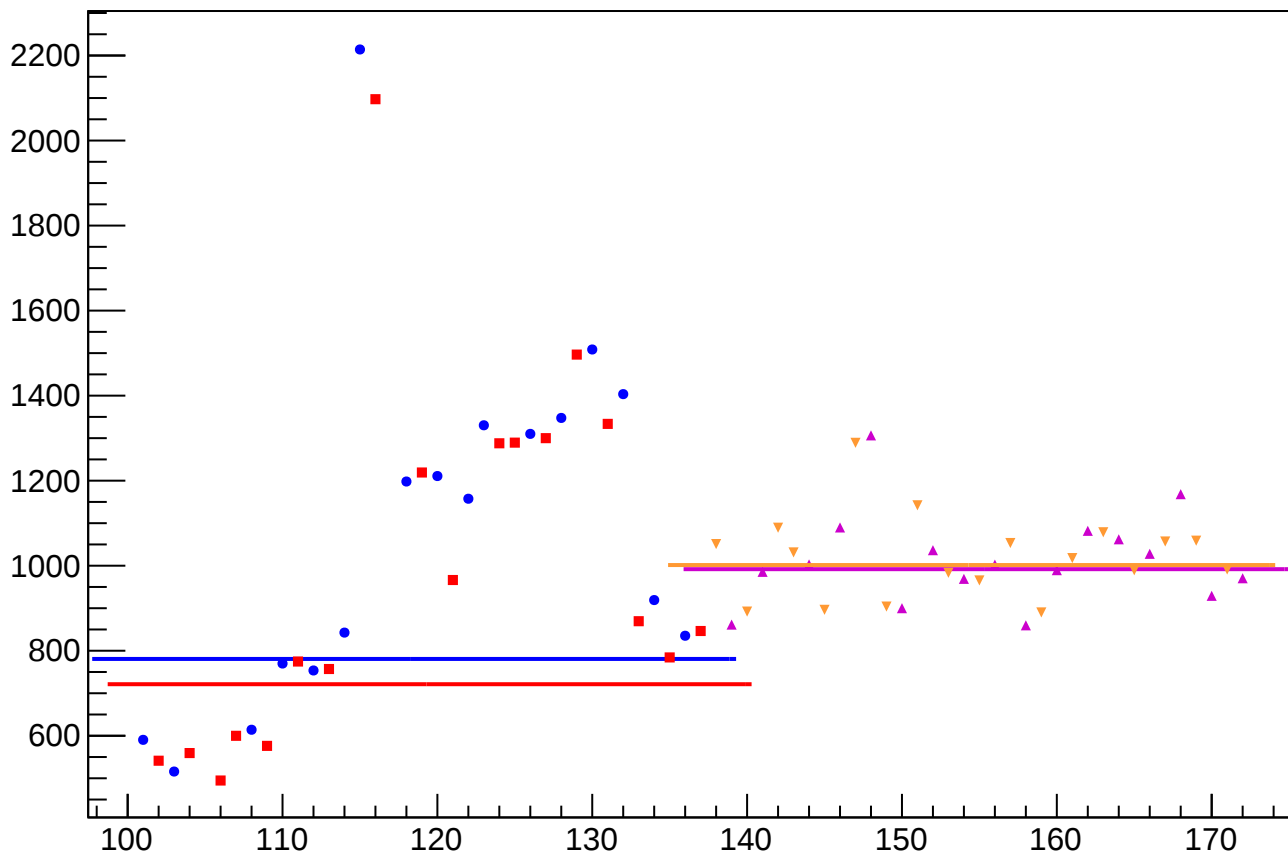
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 189.667 $\pm$ 208.270 χ^2 /NDF:49.7/33

Out: 54.519 $\pm$ 199.030 χ^2 /NDF:42.4/35

All: 119.029 $\pm$ 143.891 χ^2 /NDF: 92.3/69

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1001.559 $\pm$ 0.193 χ^2 /NDF:224028.3/17

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 991.842 $\pm$ 0.193 χ^2 /NDF:264405.2/16

Left: 996.704 $\pm$ 0.137 χ^2 /NDF: 489697.5/34

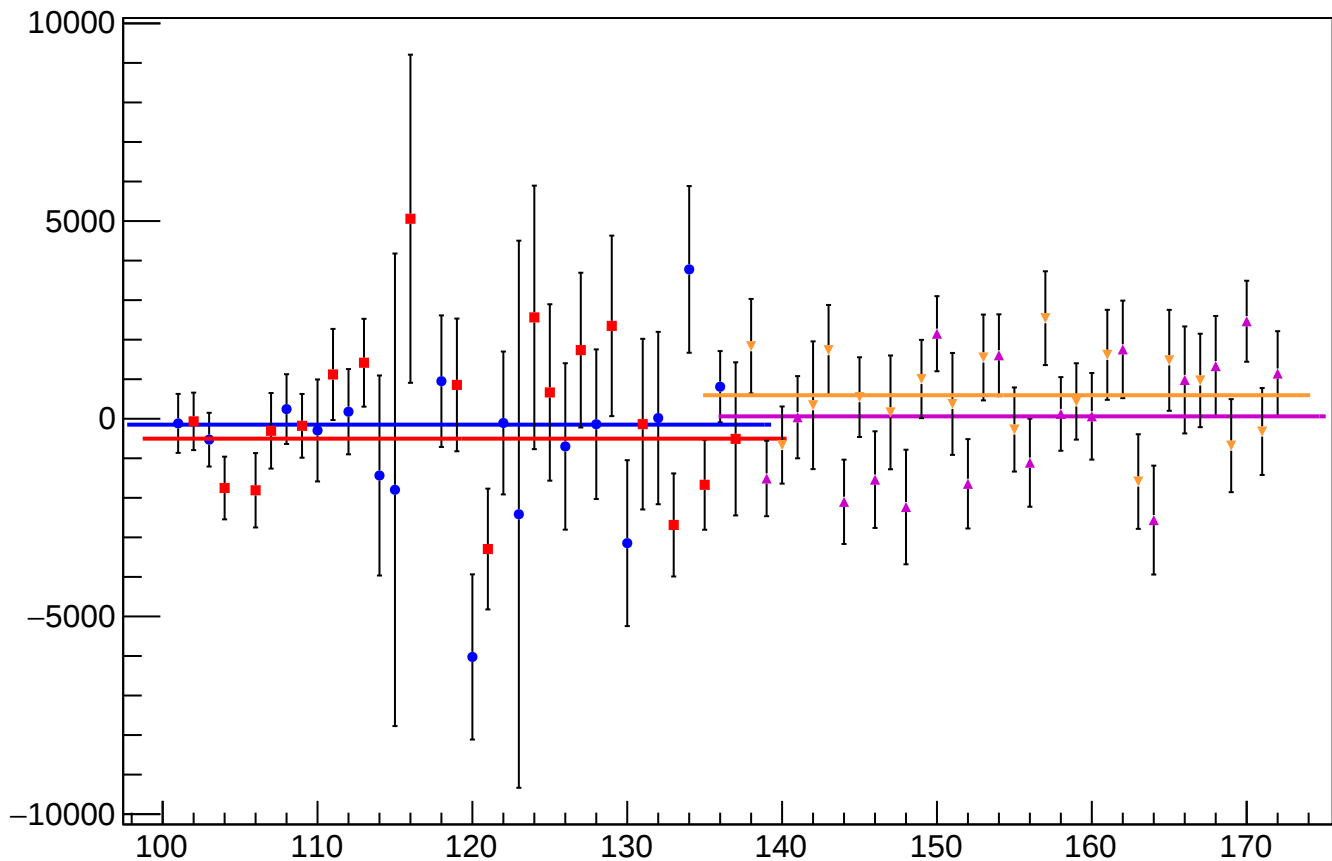
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 903.187 $\pm$ 0.147 χ^2 /NDF:2374606.2/33

Out: 869.988 $\pm$ 0.141 χ^2 /NDF:2838610.8/35

All: 885.835 $\pm$ 0.102 χ^2 /NDF: 5239778.3/69

asym_sam5_mean vs Slug, Sign Corrected



Left: 327.989 ± 190.019 $\chi^2/\text{NDF}: 51.8/34$

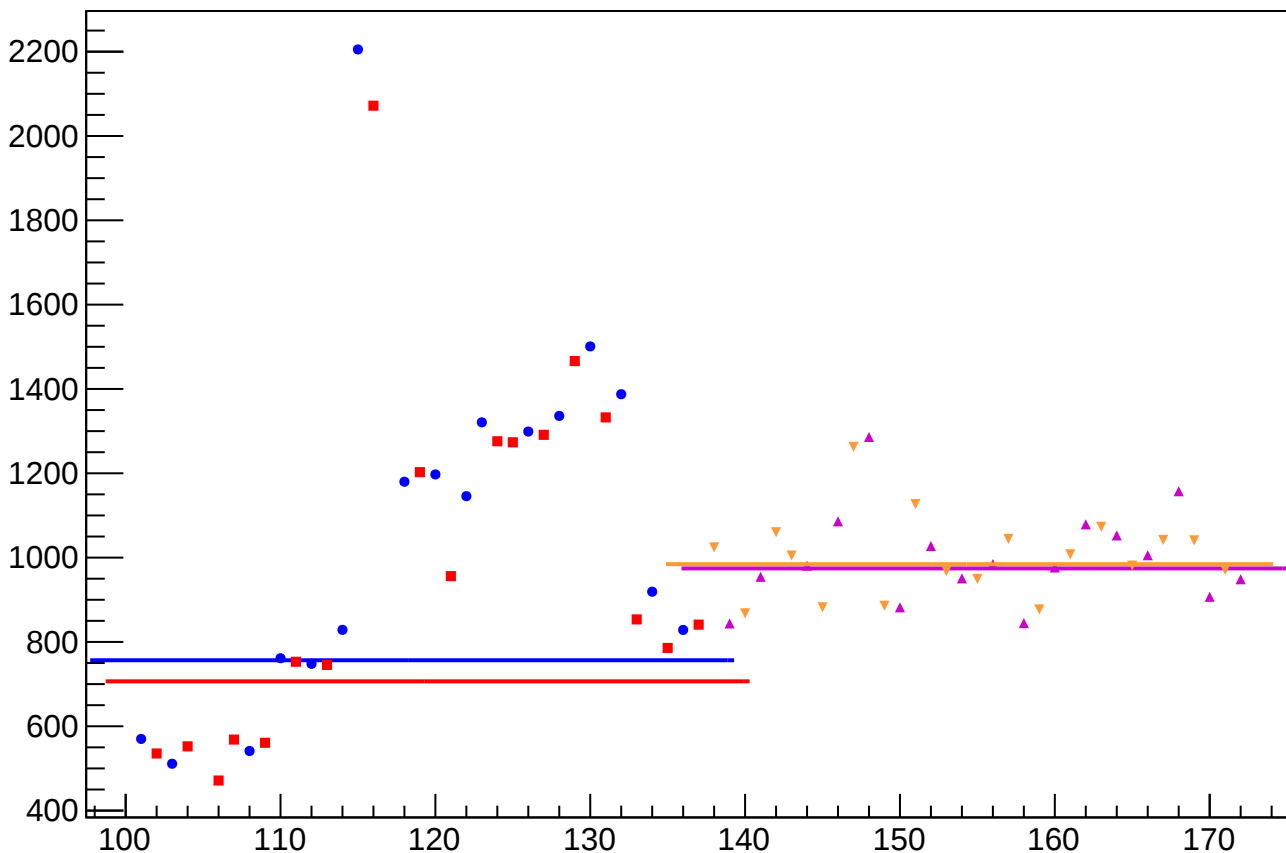
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -28.357 ± 203.905 $\chi^2/\text{NDF}: 51.4/33$

Out: 79.778 ± 195.749 $\chi^2/\text{NDF}: 46.3/35$

All: 27.917 ± 141.211 $\chi^2/\text{NDF}: 97.8/69$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 984.435 $\pm$ 0.190 χ^2 /NDF: 229445.5/17

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 974.373 $\pm$ 0.190 χ^2 /NDF: 284038.0/16

Left: 979.406 $\pm$ 0.134 χ^2 /NDF: 514885.5/34

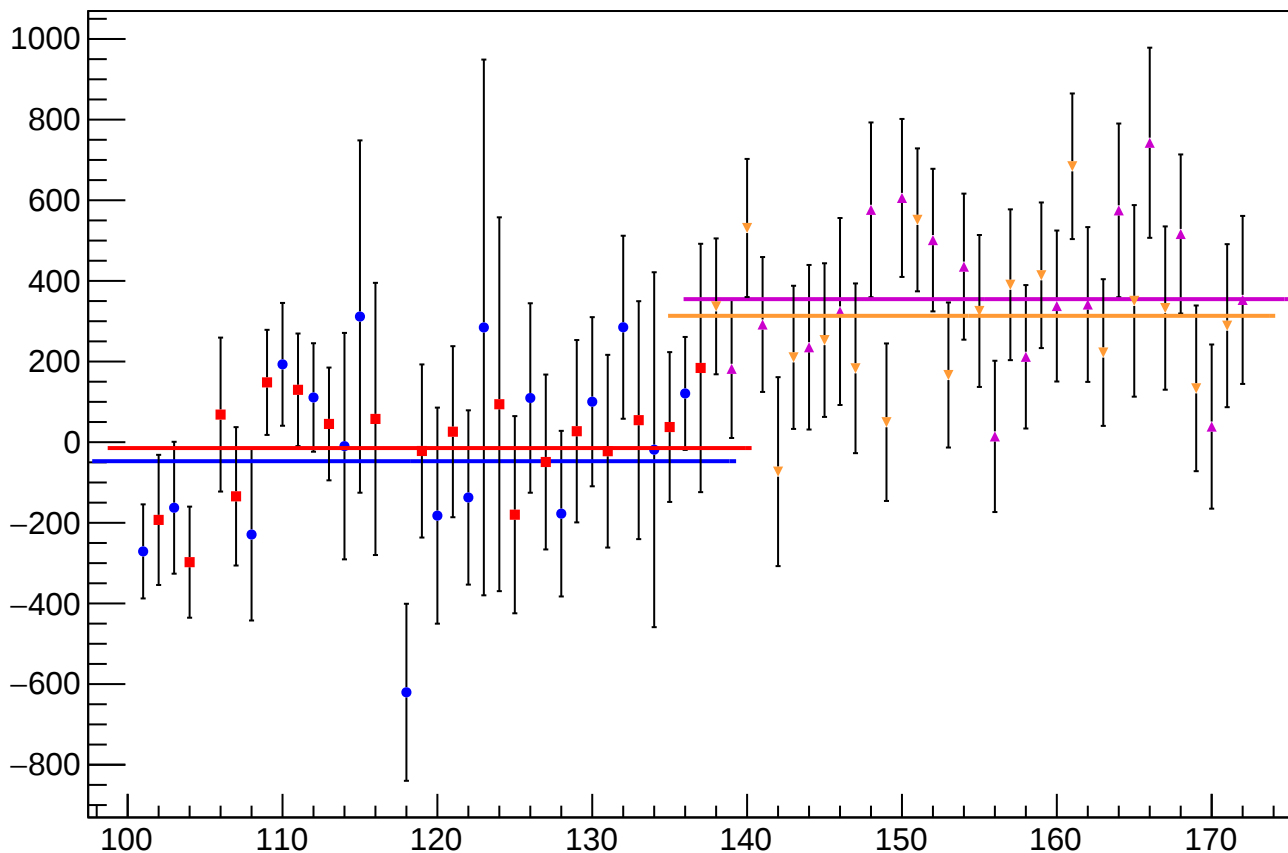
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 881.904 $\pm$ 0.144 χ^2 /NDF: 2555312.7/33

Out: 854.059 $\pm$ 0.138 χ^2 /NDF: 2903257.1/35

All: 867.414 $\pm$ 0.100 χ^2 /NDF: 5477978.8/69

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 313.377 $\pm$ 44.862 χ^2/NDF : 15.2/17

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 354.773 $\pm$ 47.131 χ^2/NDF : 15.9/16

Left: 333.055 $\pm$ 32.495 χ^2/NDF : 31.5/34

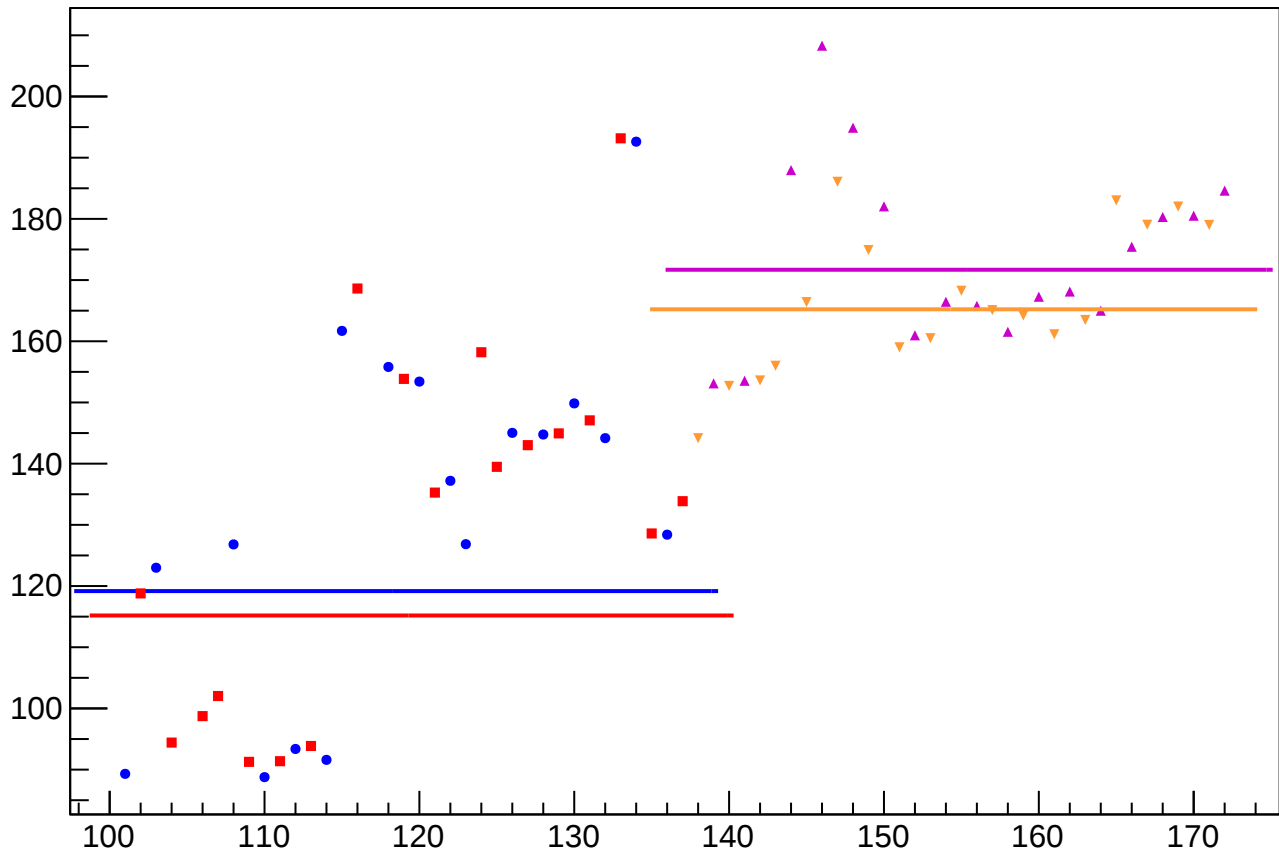
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 154.396 $\pm$ 33.375 χ^2/NDF : 74.0/33

Out: 149.333 $\pm$ 31.718 χ^2/NDF : 52.1/35

All: 151.736 $\pm$ 22.991 χ^2/NDF : 126.1/69

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 165.225+/-0.032 χ^2/NDF :125674.8/17

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 171.688+/-0.033 χ^2/NDF :175084.9/16

Left: 168.297+/-0.023 χ^2/NDF : 320494.5/34

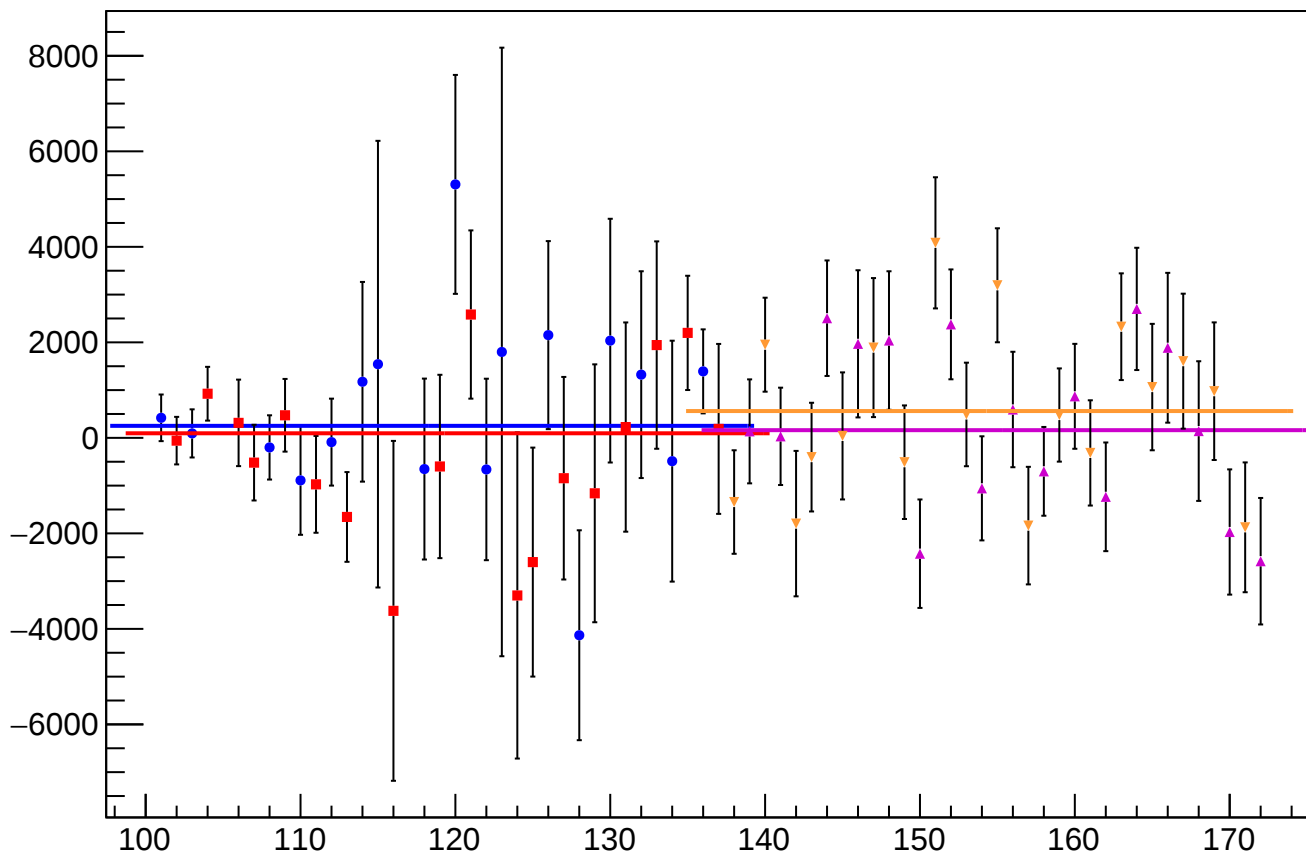
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 145.509+/-0.024 χ^2/NDF :2028216.6/33

Out: 140.199+/-0.022 χ^2/NDF :2045625.9/35

All: 142.719+/-0.016 χ^2/NDF : 4100437.6/69

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 561.255 $\pm$ 284.636 χ^2 /NDF:32.4/17

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 161.051 $\pm$ 290.635 χ^2 /NDF:32.0/16

Left: 365.326 $\pm$ 203.356 χ^2 /NDF: 65.3/34

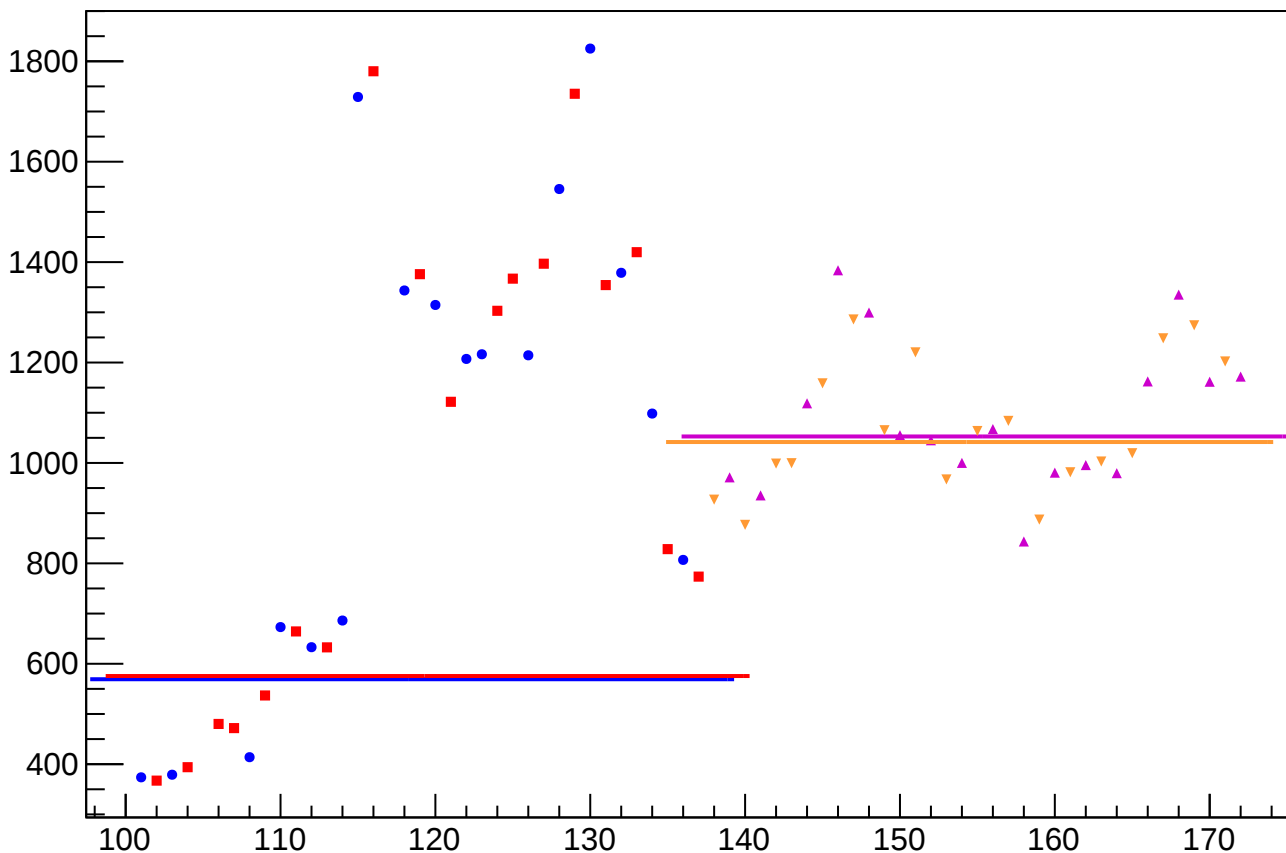
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 212.671 $\pm$ 190.749 χ^2 /NDF:46.9/33

Out: 294.585 $\pm$ 186.012 χ^2 /NDF:51.4/35

All: 254.658 $\pm$ 133.173 χ^2 /NDF: 98.4/69

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1041.668 $\pm$ 0.201 χ^2 /NDF: 383542.3/17

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1052.744 $\pm$ 0.206 χ^2 /NDF: 434870.8/16

Left: 1047.091 $\pm$ 0.144 χ^2 /NDF: 819895.9/34

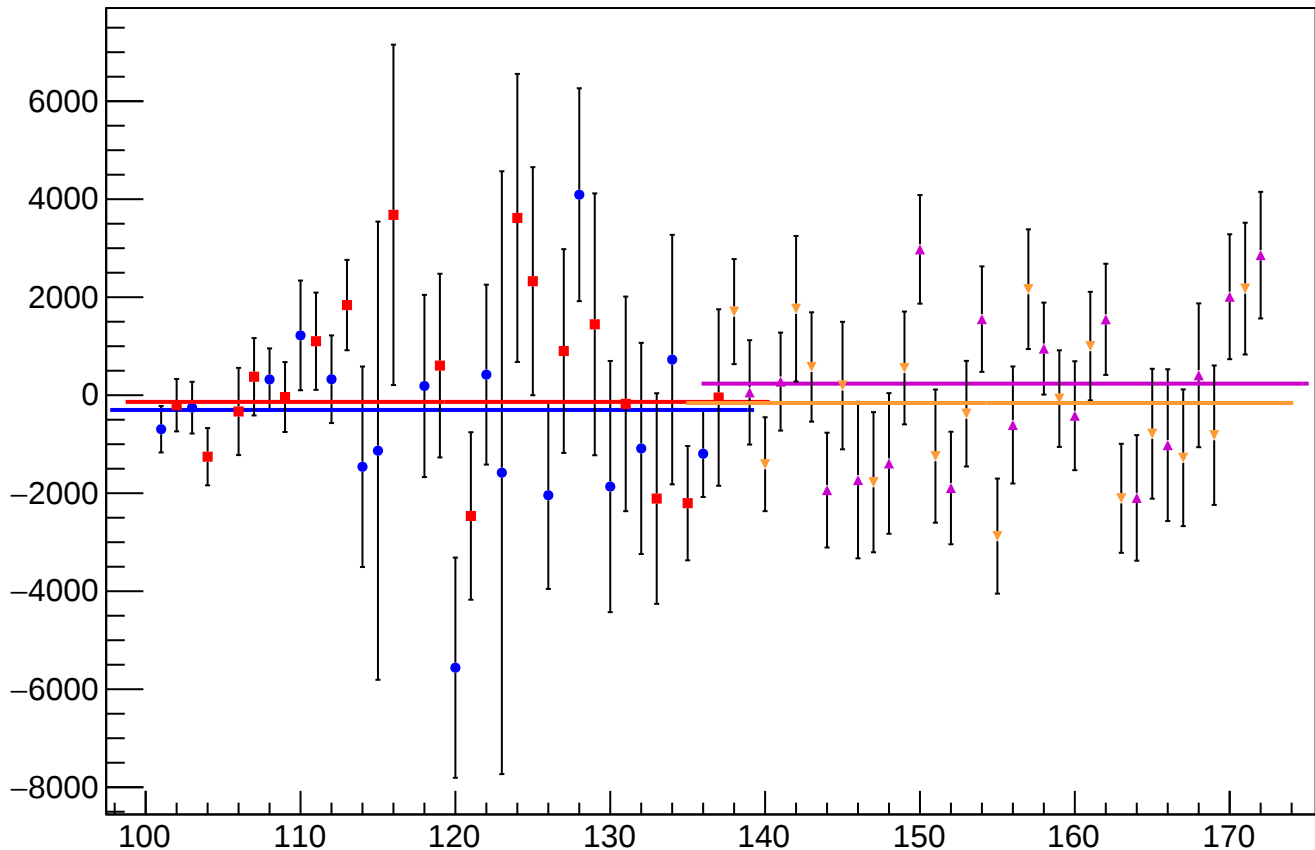
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 777.487 $\pm$ 0.135 χ^2 /NDF: 6853355.5/33

Out: 774.634 $\pm$ 0.132 χ^2 /NDF: 6514232.0/35

All: 776.025 $\pm$ 0.094 χ^2 /NDF: 13367816.8/69

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -158.948 ± 281.375 $\chi^2/\text{NDF}: 26.5/17$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 236.230 ± 288.045 $\chi^2/\text{NDF}: 30.1/16$

Left: 34.013 ± 201.279 $\chi^2/\text{NDF}: 57.6/34$

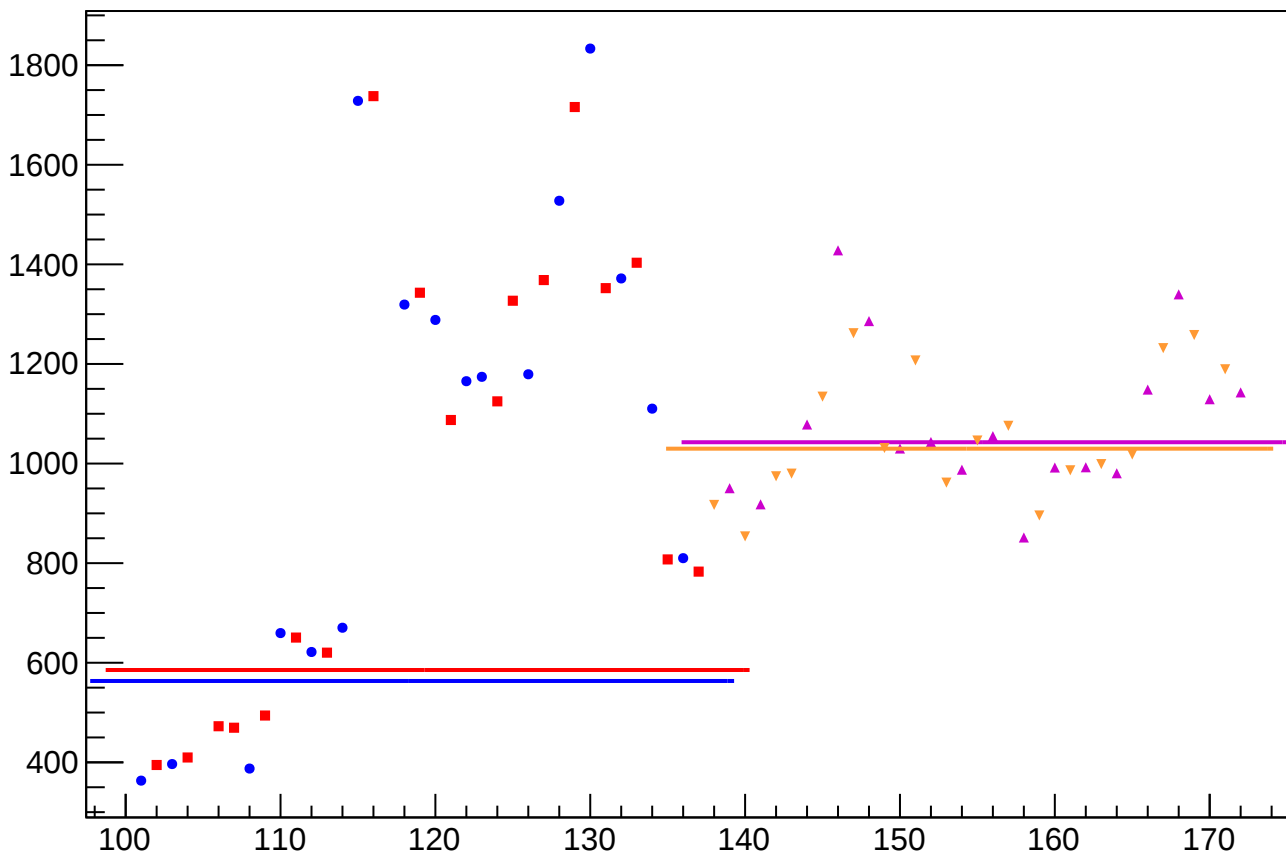
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -69.667 ± 188.935 $\chi^2/\text{NDF}: 48.8/33$

Out: -146.079 ± 185.919 $\chi^2/\text{NDF}: 47.3/35$

All: -108.488 ± 132.518 $\chi^2/\text{NDF}: 96.2/69$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1029.887+/-0.199 χ^2/NDF : 370618.8/17

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1042.824+/-0.204 χ^2/NDF : 435957.4/16

Left: 1036.204+/-0.142 χ^2/NDF : 808640.5/34

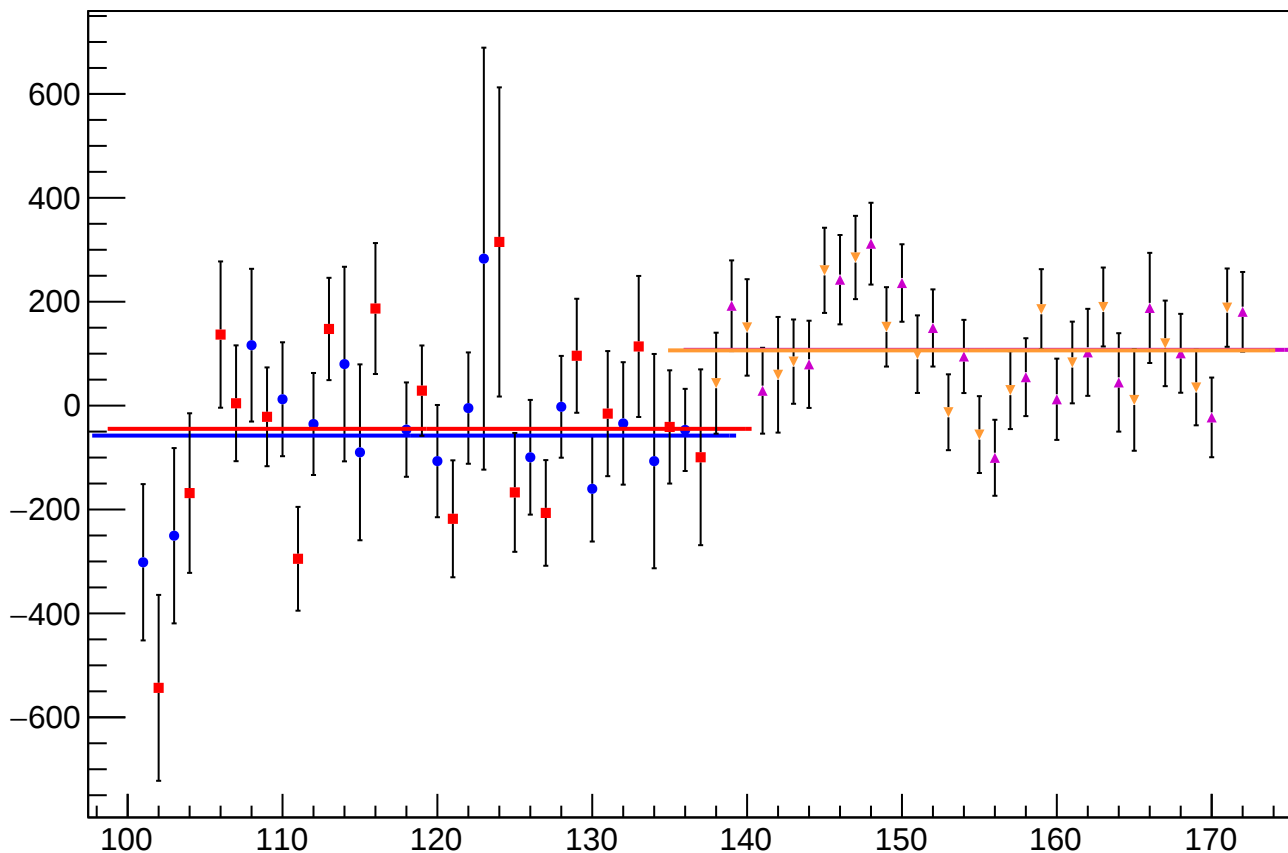
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 769.661+/-0.134 χ^2/NDF : 6851878.5/33

Out: 779.481+/-0.131 χ^2/NDF : 6000176.0/35

All: 774.650+/-0.094 χ^2/NDF : 12854799.2/69

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 106.348 $\pm$ 18.976 χ^2/NDF :23.8/17

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 107.390 $\pm$ 19.375 χ^2/NDF :29.4/16

Left: 106.858 $\pm$ 13.557 χ^2/NDF : 53.1/34

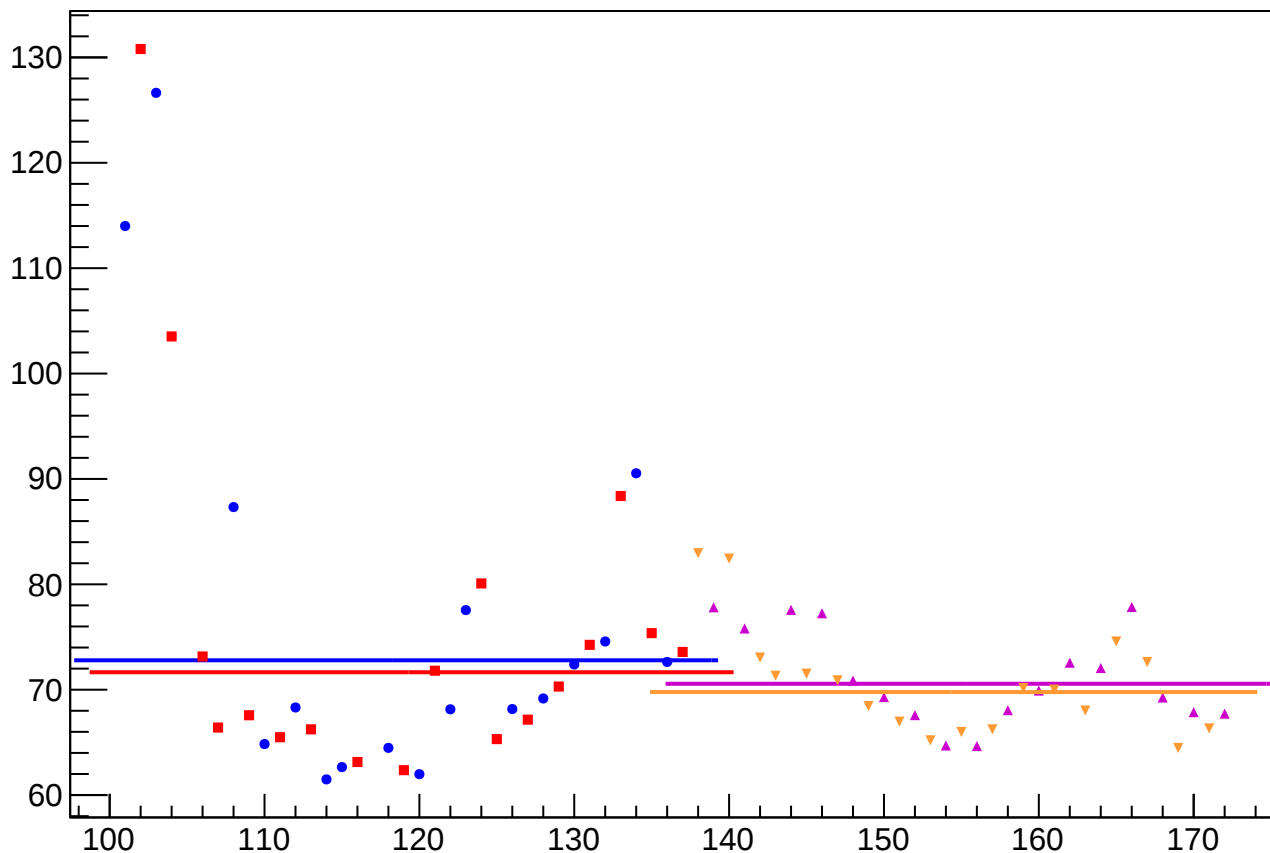
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 55.687 $\pm$ 16.057 χ^2/NDF :61.2/33

Out: 58.131 $\pm$ 15.657 χ^2/NDF :79.2/35

All: 56.940 $\pm$ 11.210 χ^2/NDF : 140.4/69

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 69.777+/-0.013 χ^2/NDF : 121874.4/17

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 70.563+/-0.014 χ^2/NDF : 97923.4/16

Left: 70.162+/-0.010 χ^2/NDF : 221479.2/34

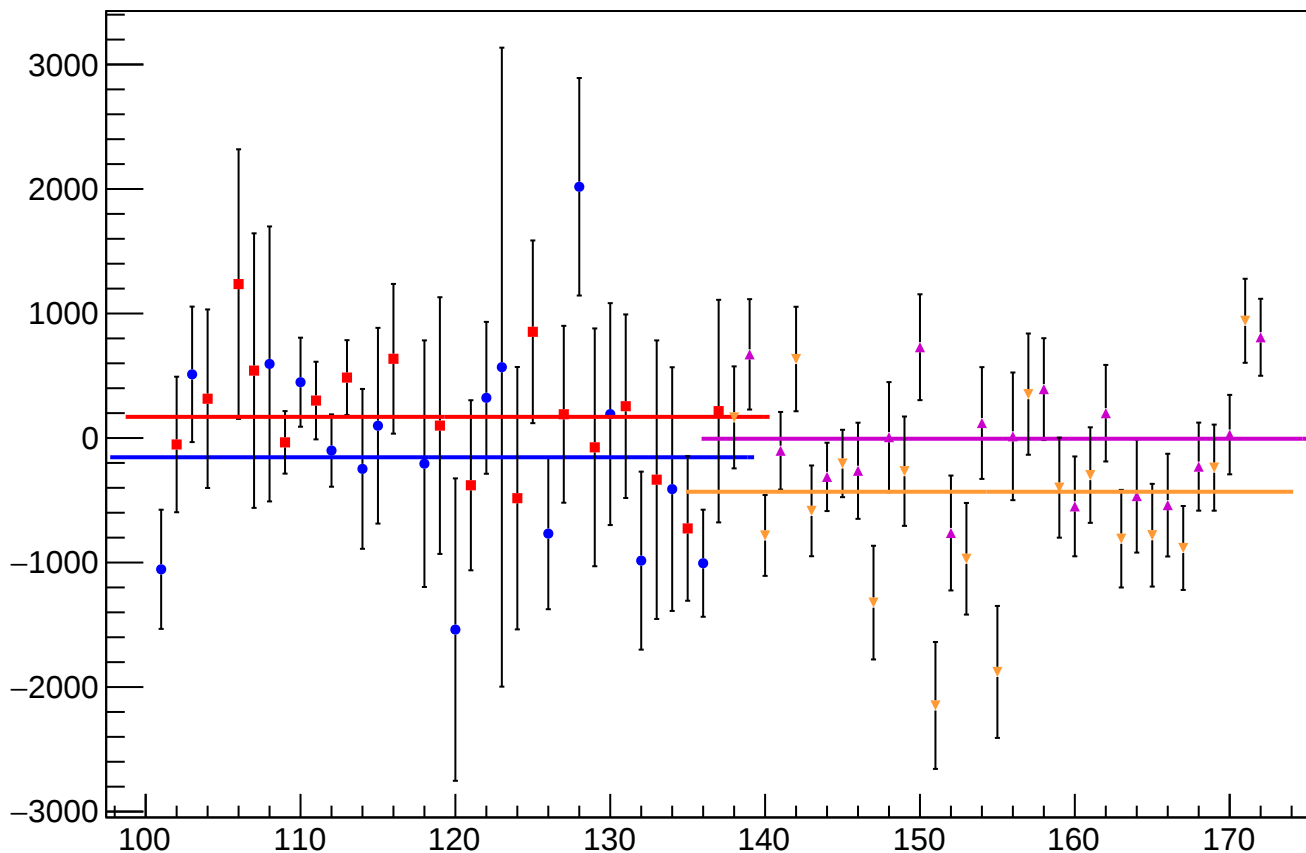
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 71.260+/-0.011 χ^2/NDF : 570969.9/33

Out: 70.376+/-0.011 χ^2/NDF : 532508.1/35

All: 70.807+/-0.008 χ^2/NDF : 1106585.3/69

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -431.433 $\pm$ 91.197 χ^2/NDF : 57.8/17

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -5.795 $\pm$ 92.307 χ^2/NDF : 23.0/16

Left: -221.188 $\pm$ 64.875 χ^2/NDF : 91.6/34

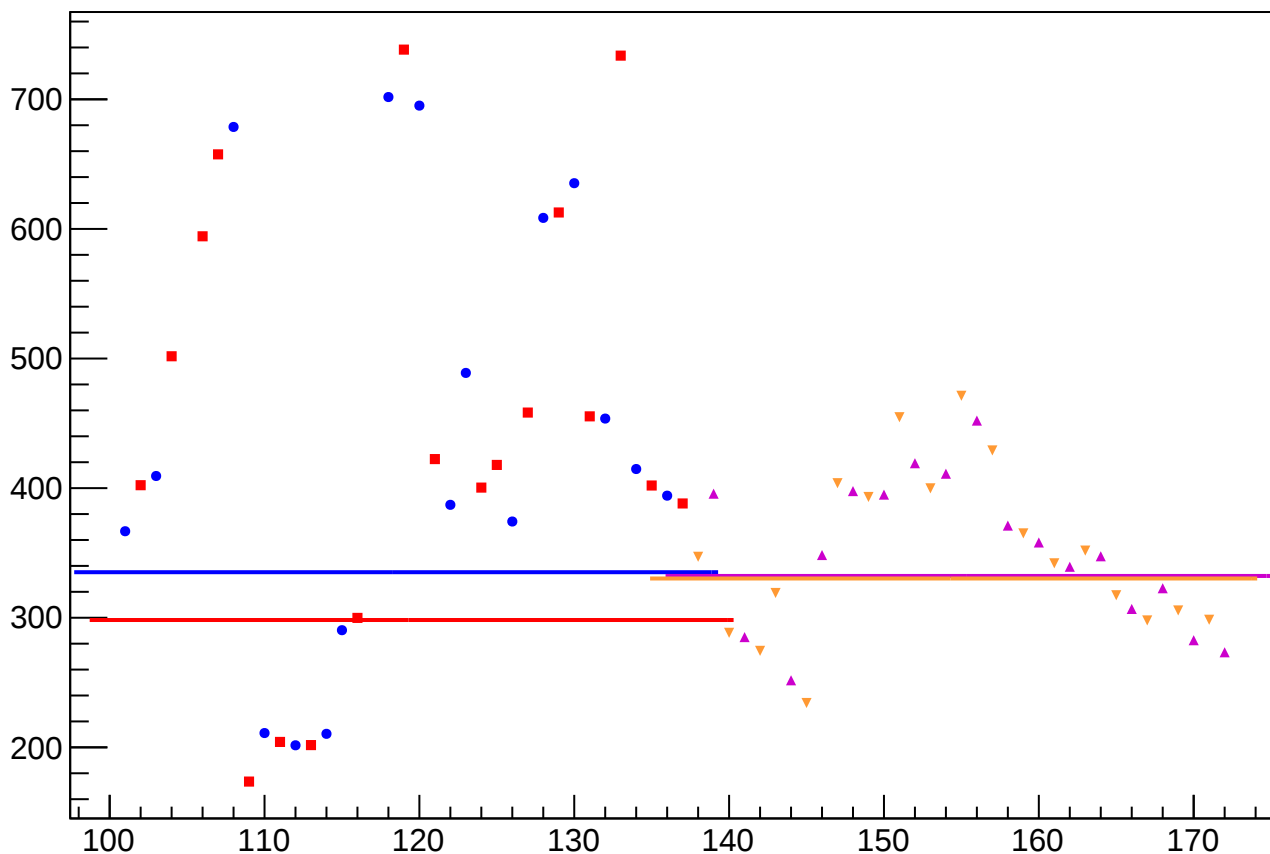
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -50.511 $\pm$ 77.180 χ^2/NDF : 47.0/33

Out: -225.140 $\pm$ 73.921 χ^2/NDF : 81.2/35

All: -141.590 $\pm$ 53.385 χ^2/NDF : 130.8/69

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 330.289 $\pm$ 0.064 χ^2 /NDF: 881605.0/17

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 332.245 $\pm$ 0.065 χ^2 /NDF: 751381.3/16

Left: 331.255 $\pm$ 0.046 χ^2 /NDF: 1633440.9/34

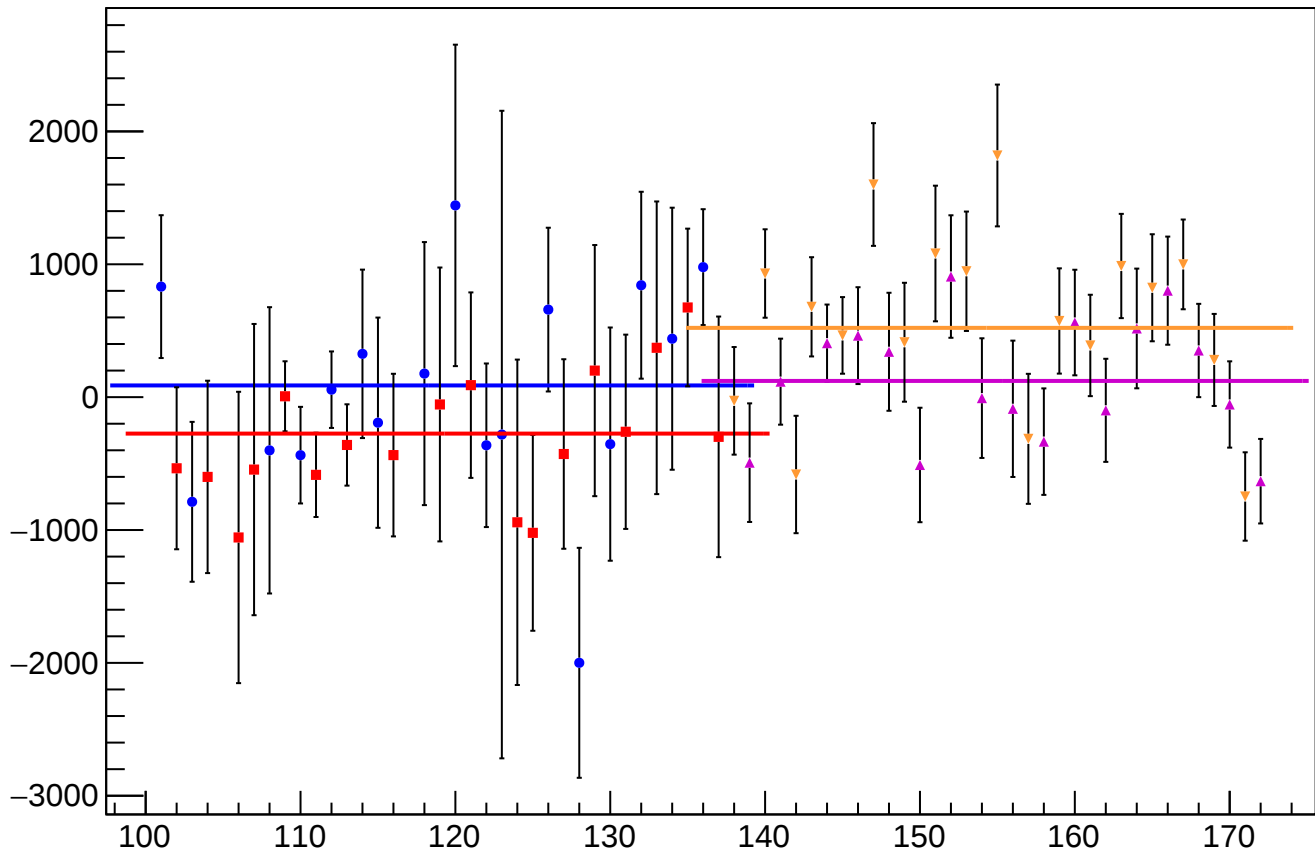
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 333.115 $\pm$ 0.055 χ^2 /NDF: 2746015.8/33

Out: 319.301 $\pm$ 0.052 χ^2 /NDF: 3742808.1/35

All: 325.910 $\pm$ 0.038 χ^2 /NDF: 6522237.7/69

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 521.445+/-92.192 χ^2/NDF :45.4/17

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 122.028+/-93.059 χ^2/NDF :22.0/16

Left: 323.606+/-65.494 χ^2/NDF : 76.7/34

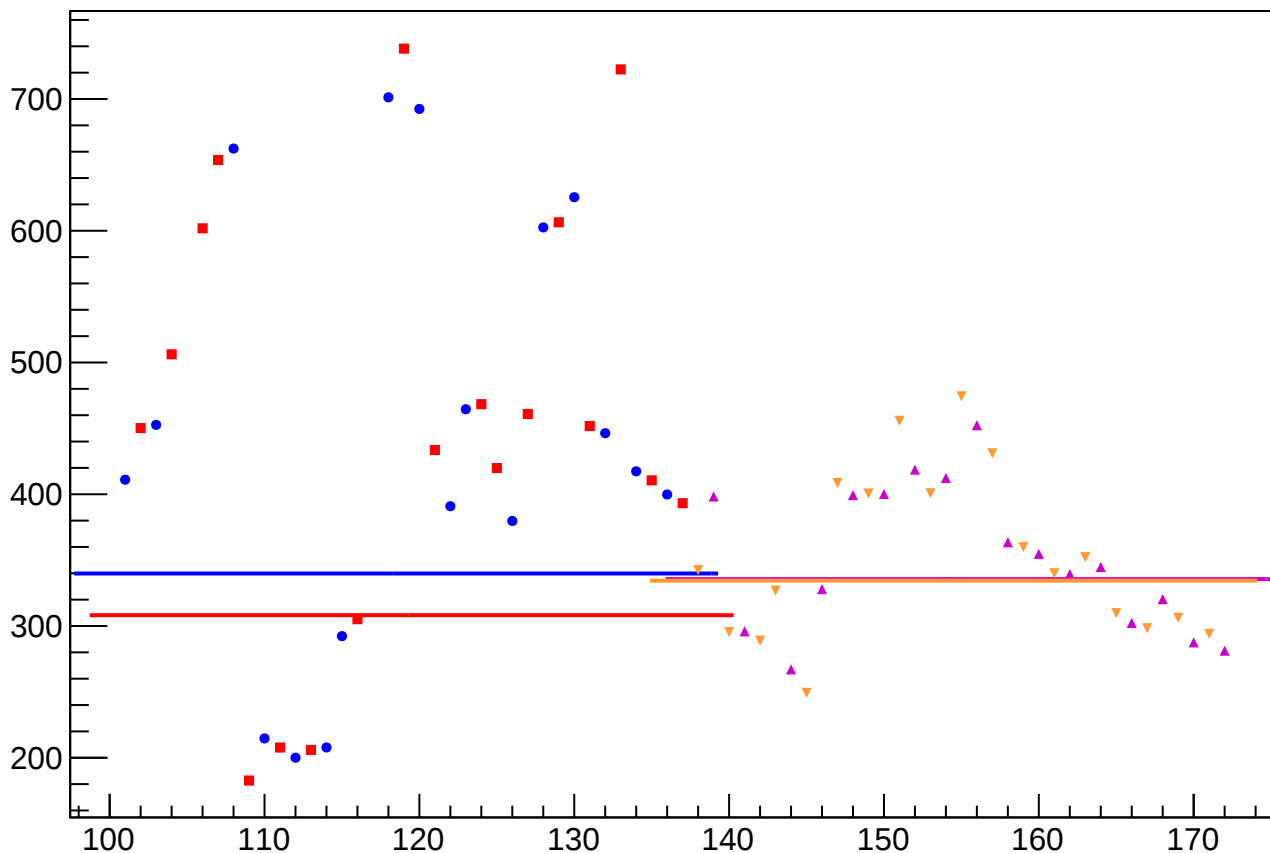
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 111.940+/-78.001 χ^2/NDF :42.9/33

Out: 254.787+/-75.175 χ^2/NDF :78.4/35

All: 185.998+/-54.128 χ^2/NDF : 123.0/69

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 334.403 $\pm$ 0.065 χ^2/NDF : 778305.8/17

Right Out: 308.199 $\pm$ 0.092 χ^2/NDF : 2698828.8/17

Left In: 335.625 $\pm$ 0.066 χ^2/NDF : 628917.4/16

Left: 335.008 $\pm$ 0.046 χ^2/NDF : 1407397.5/34

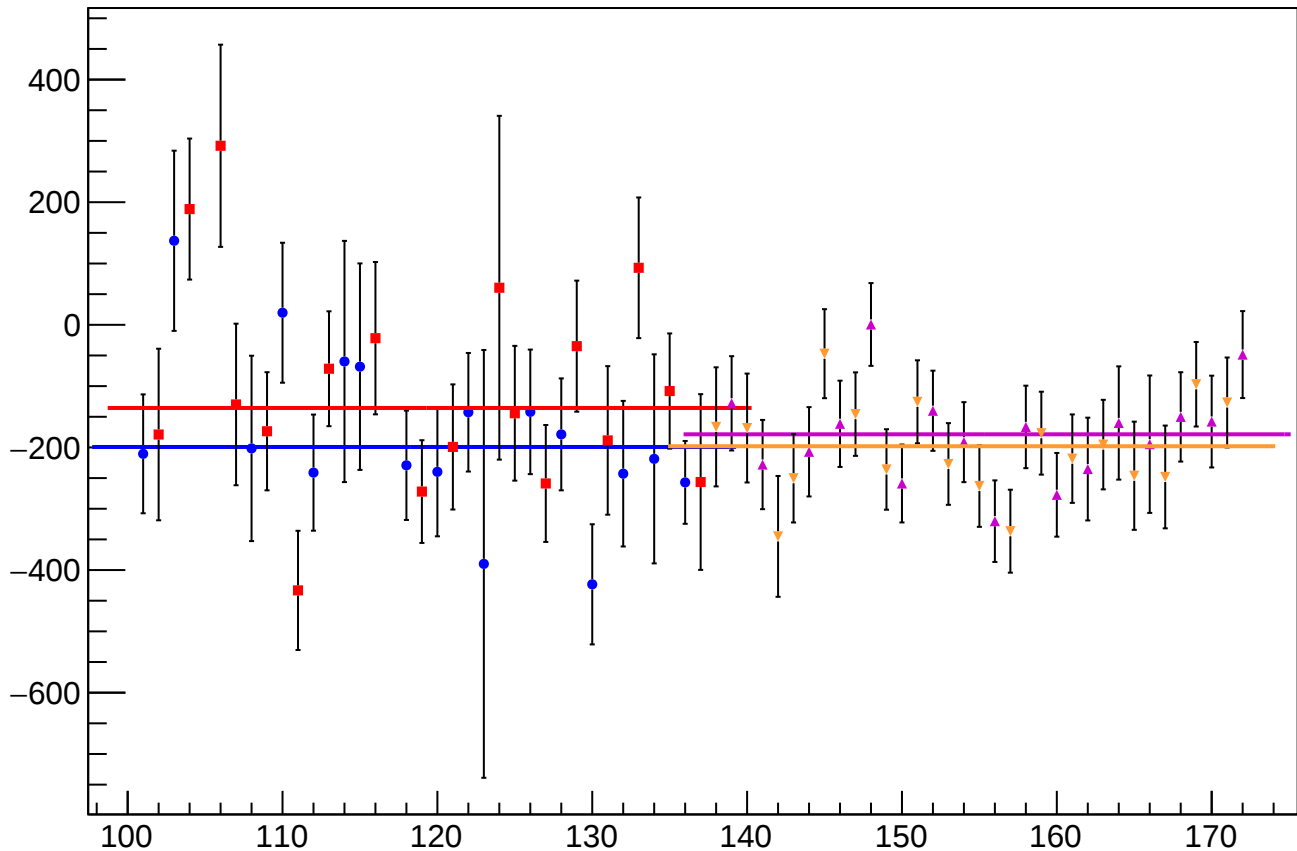
Right: 322.502 $\pm$ 0.068 χ^2/NDF : 4796037.7/34

In: 336.882 $\pm$ 0.055 χ^2/NDF : 2673665.6/33

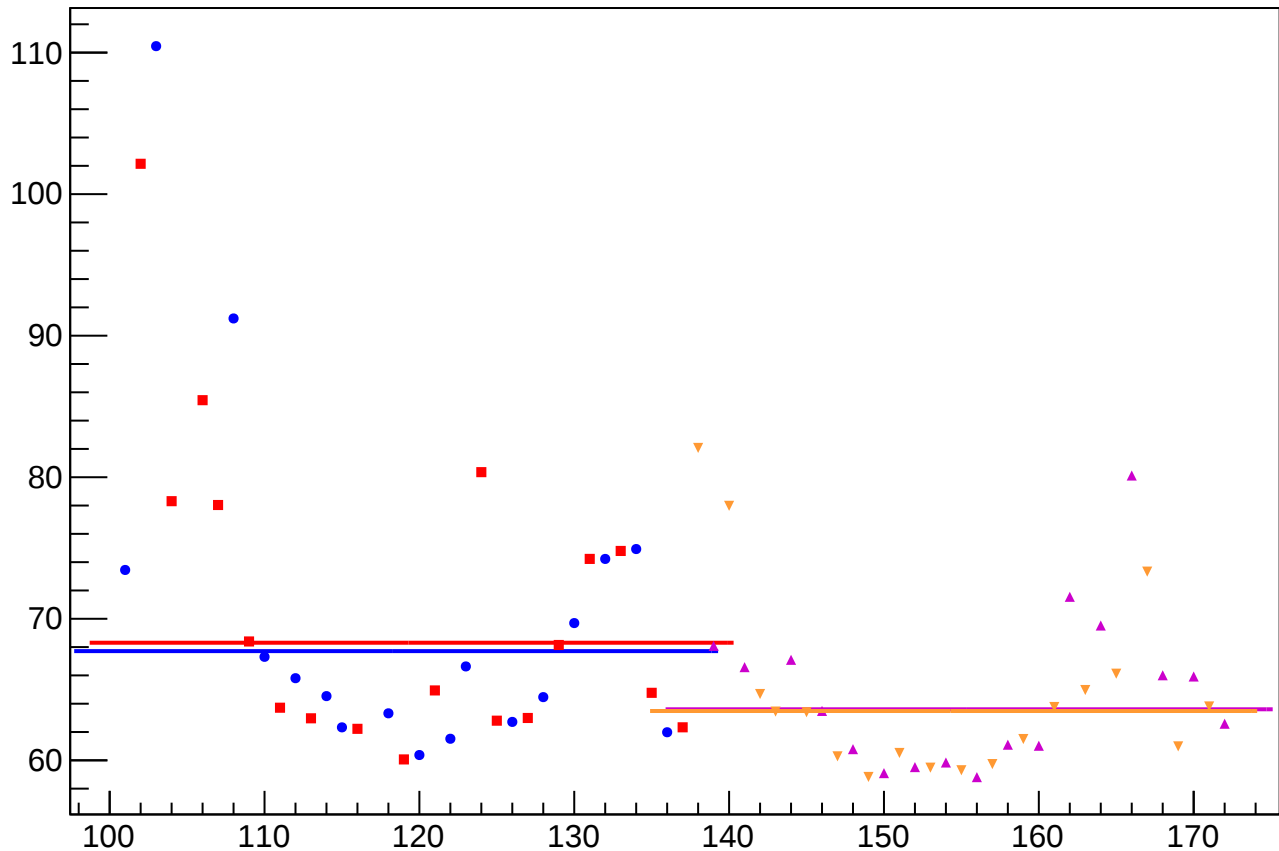
Out: 325.622 $\pm$ 0.053 χ^2/NDF : 3531275.3/35

All: 331.044 $\pm$ 0.038 χ^2/NDF : 6226548.3/69

dit_asym_sam8_mean vs Slug, Sign Corrected



dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.485 $\pm$ 0.012 χ^2 /NDF: 201068.4/17

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.605 $\pm$ 0.012 χ^2 /NDF: 132876.1/16

Left: 63.544 $\pm$ 0.009 χ^2 /NDF: 333992.4/34

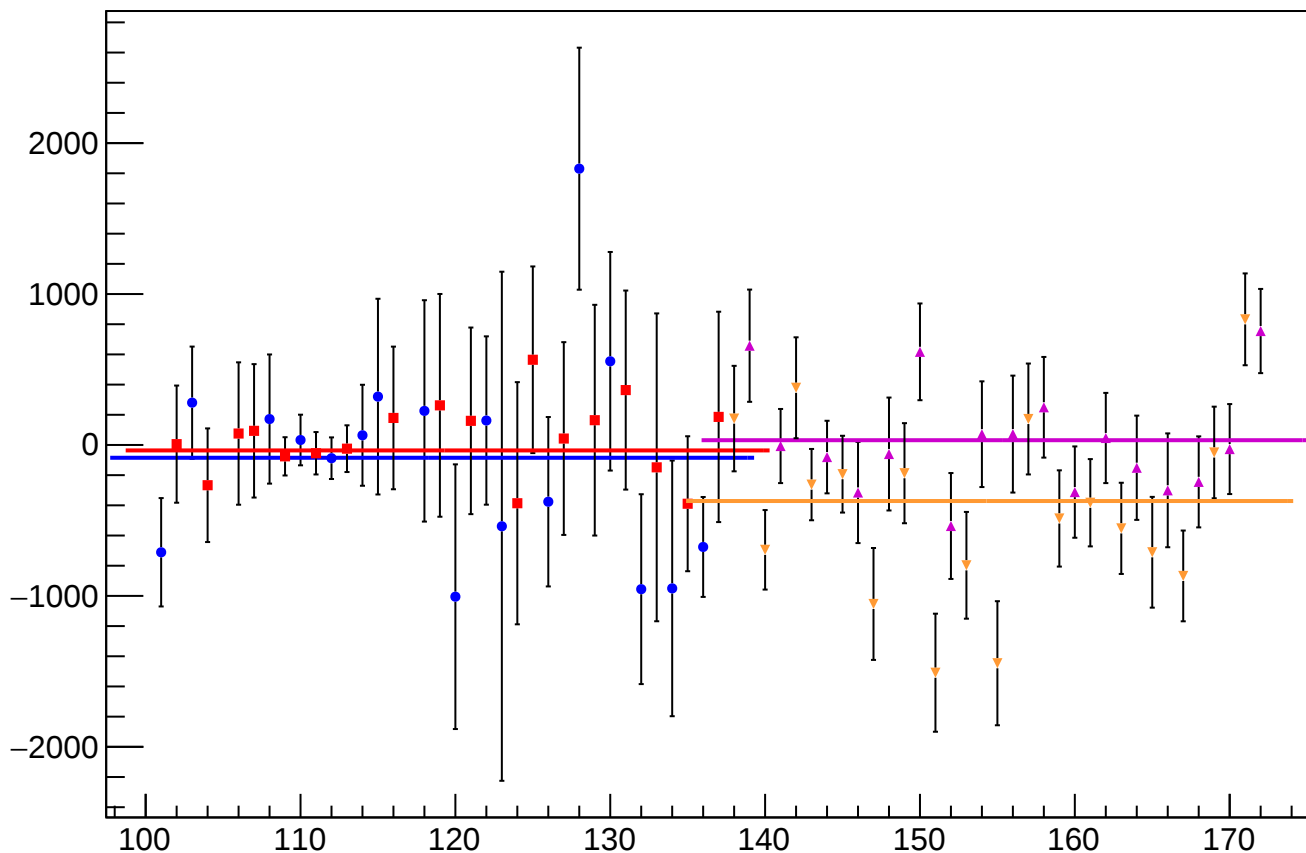
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 64.856 $\pm$ 0.010 χ^2 /NDF: 449196.9/33

Out: 64.952 $\pm$ 0.010 χ^2 /NDF: 482363.9/35

All: 64.905 $\pm$ 0.007 χ^2 /NDF: 931604.3/69

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -371.401 $\pm$ 74.118 χ^2/NDF : 53.2/17

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 31.558 $\pm$ 76.369 χ^2/NDF : 20.6/16

Left: -175.948 $\pm$ 53.187 χ^2/NDF : 88.1/34

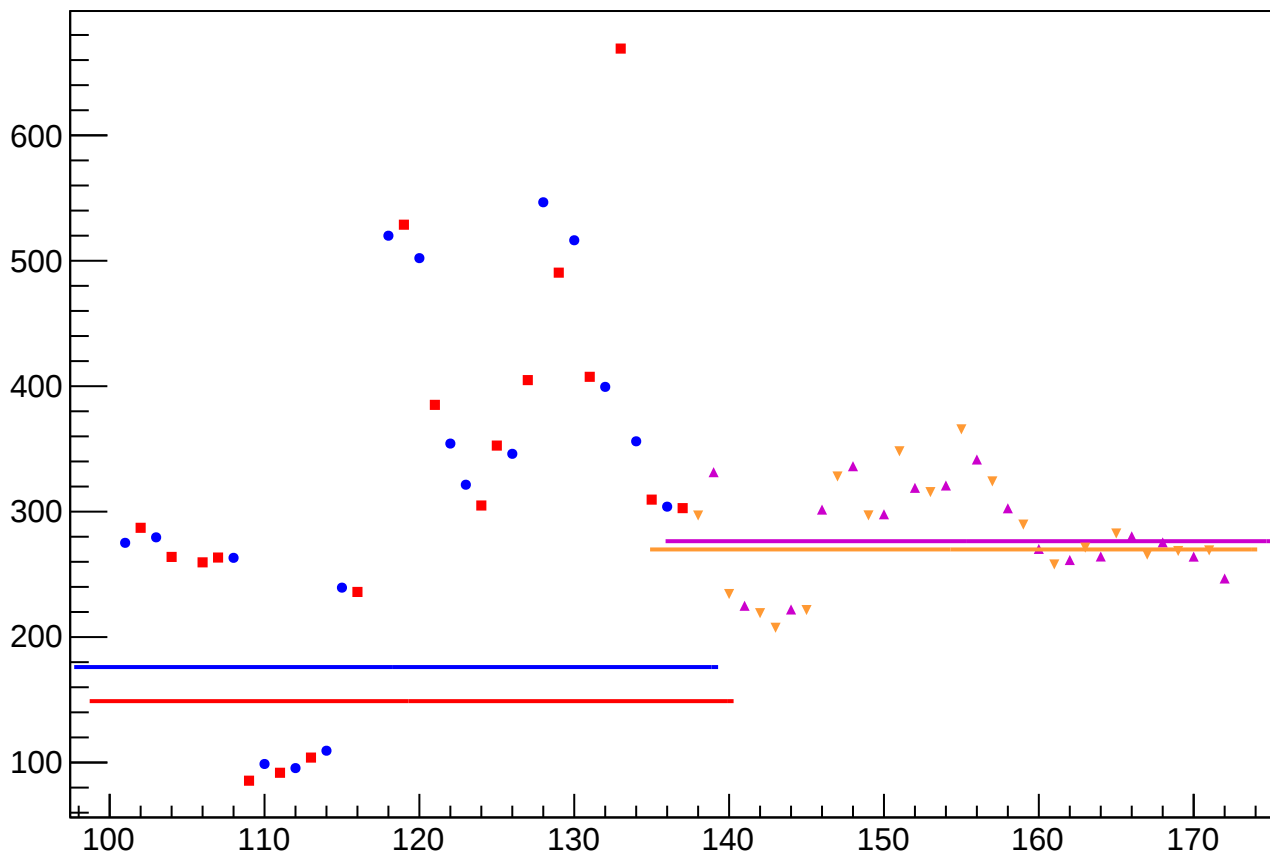
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -22.001 $\pm$ 56.096 χ^2/NDF : 41.5/33

Out: -193.598 $\pm$ 50.795 χ^2/NDF : 67.5/35

All: -116.288 $\pm$ 37.652 χ^2/NDF : 114.1/69

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.858+/-0.052 χ^2/NDF : 648570.3/17

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 276.441+/-0.054 χ^2/NDF : 470694.4/16

Left: 273.051+/-0.038 χ^2/NDF : 1126917.3/34

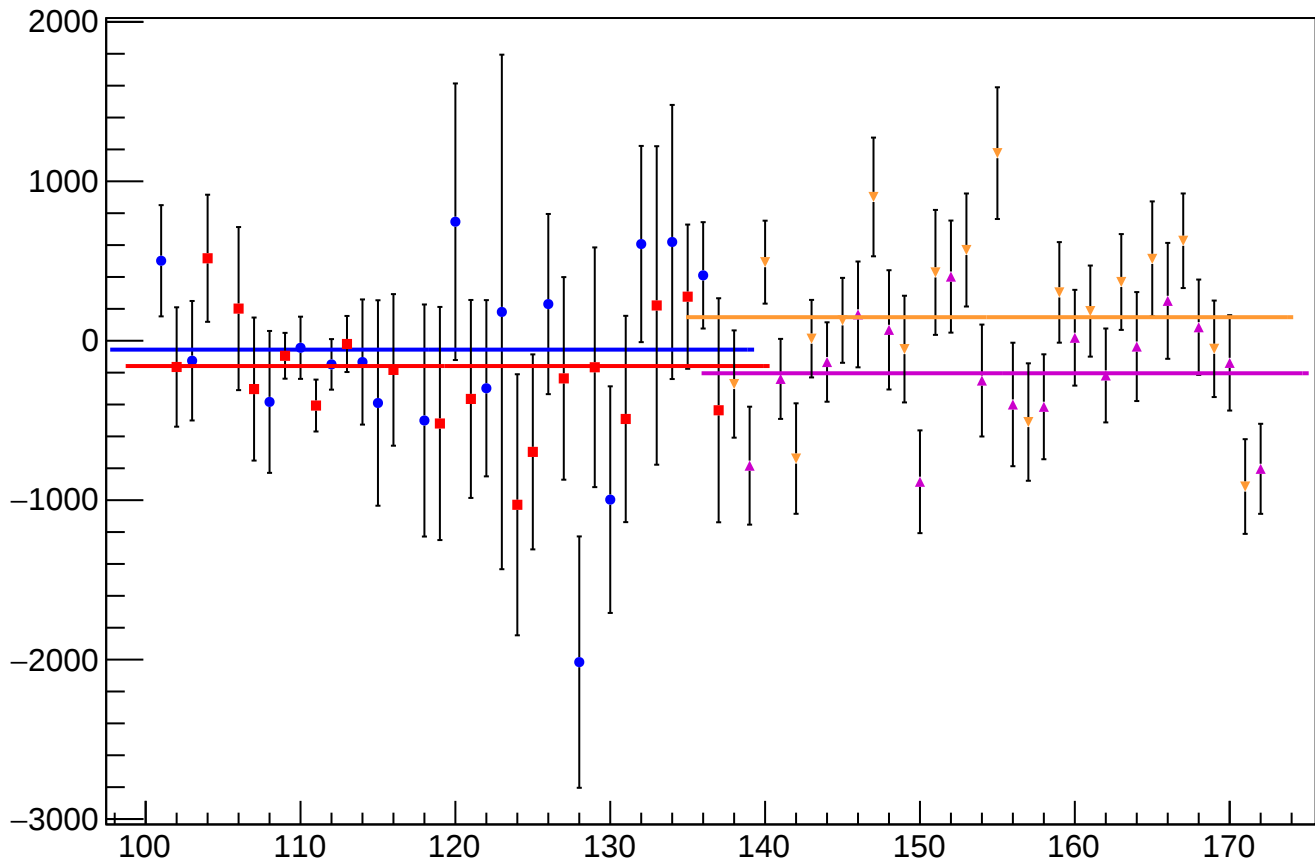
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 230.237+/-0.040 χ^2/NDF : 6284278.9/33

Out: 205.727+/-0.036 χ^2/NDF : 8242919.4/35

All: 216.770+/-0.027 χ^2/NDF : 14736989.3/69

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 147.780 ± 74.229 χ^2/NDF : 43.6/17

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -203.937 ± 76.493 χ^2/NDF : 20.3/16

Left: -22.797 ± 53.271 χ^2/NDF : 74.8/34

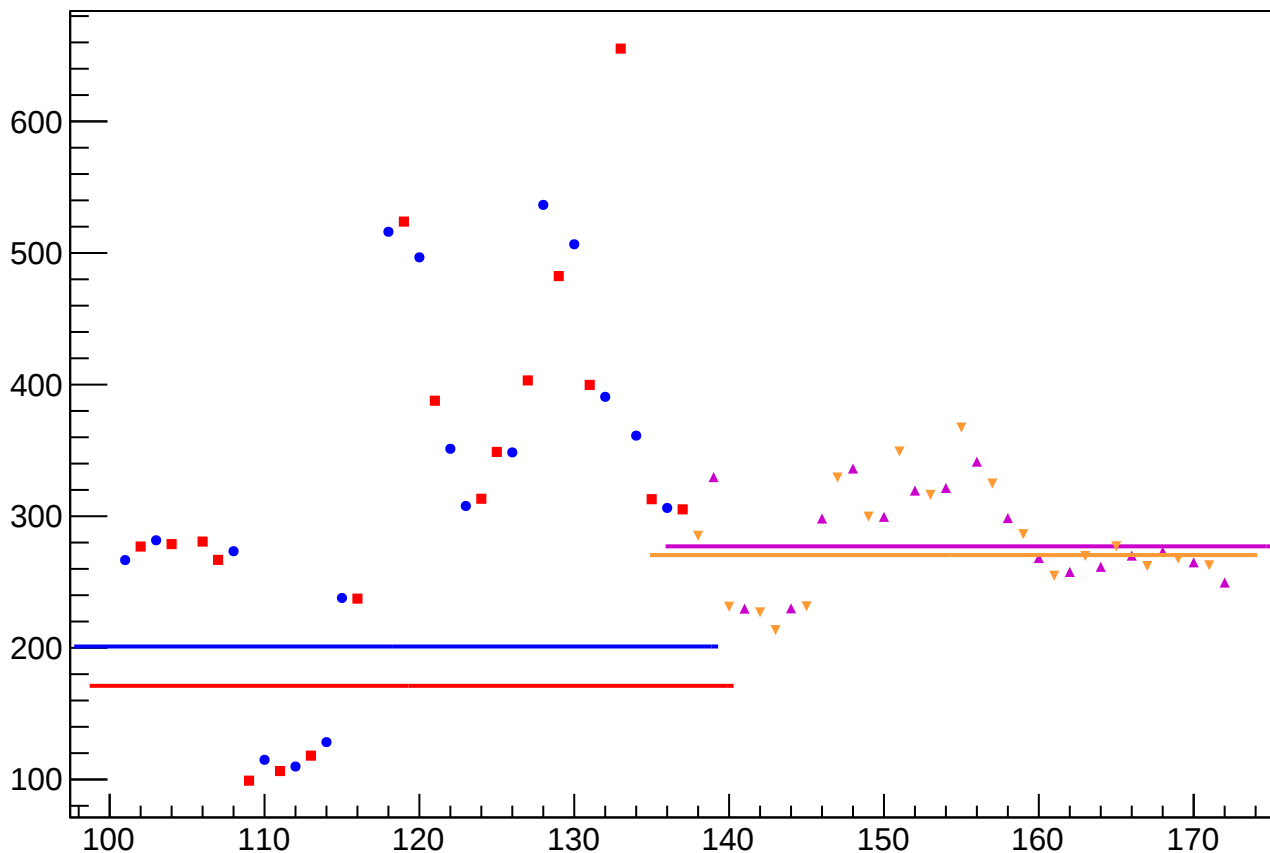
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -142.232 ± 58.440 χ^2/NDF : 39.0/33

Out: 0.308 ± 53.465 χ^2/NDF : 62.2/35

All: -64.637 ± 39.447 χ^2/NDF : 104.4/69

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 270.500 $\pm$ 0.052 χ^2/NDF :581479.4/17

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 277.134 $\pm$ 0.054 χ^2/NDF :413527.8/16

Left: 273.718 $\pm$ 0.038 χ^2/NDF : 1002754.8/34

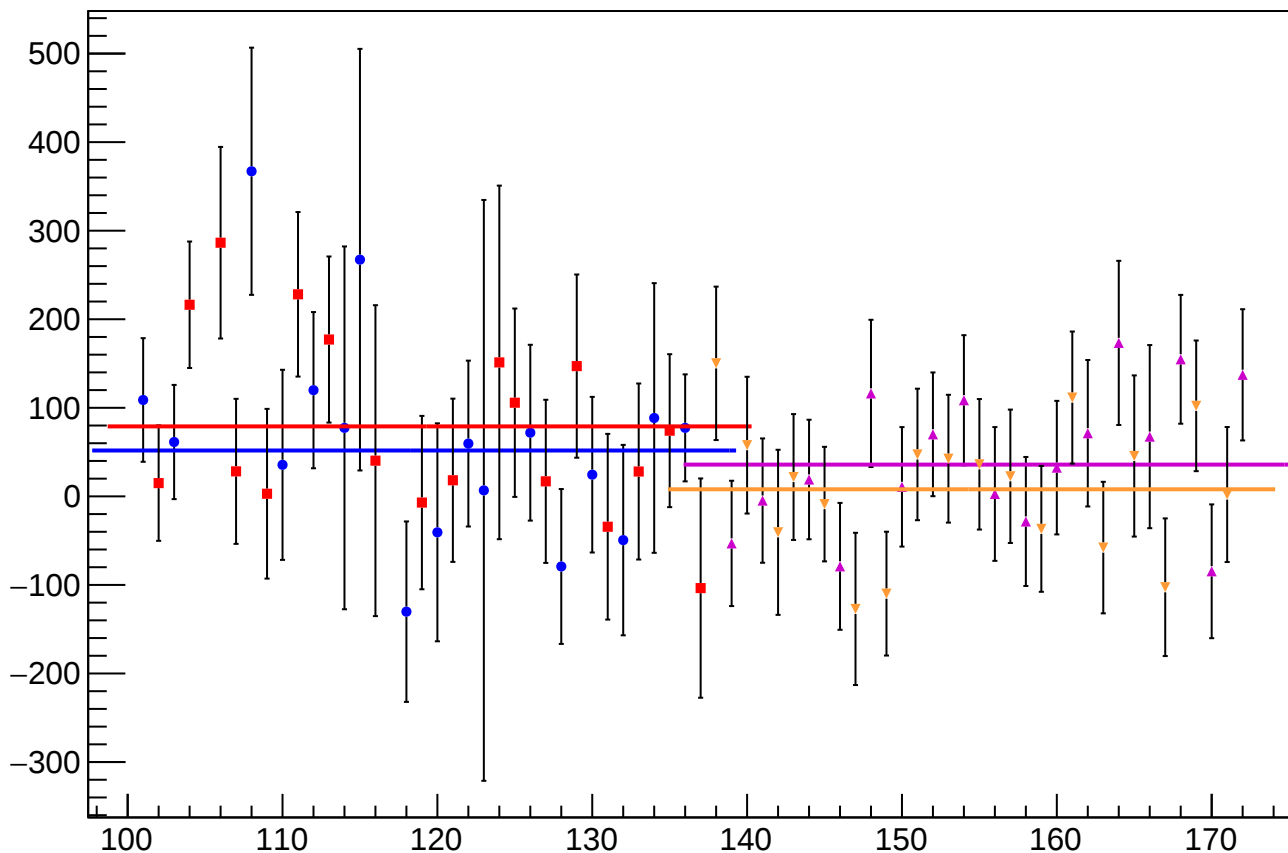
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 245.453 $\pm$ 0.041 χ^2/NDF :4670616.6/33

Out: 222.695 $\pm$ 0.038 χ^2/NDF :6370848.9/35

All: 233.064 $\pm$ 0.028 χ^2/NDF : 11206568.4/69

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 7.993 $\pm$ 17.879 χ^2 /NDF:16.4/17

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 35.848 $\pm$ 18.215 χ^2 /NDF:17.4/16

Left: 21.661 $\pm$ 12.760 χ^2 /NDF: 35.0/34

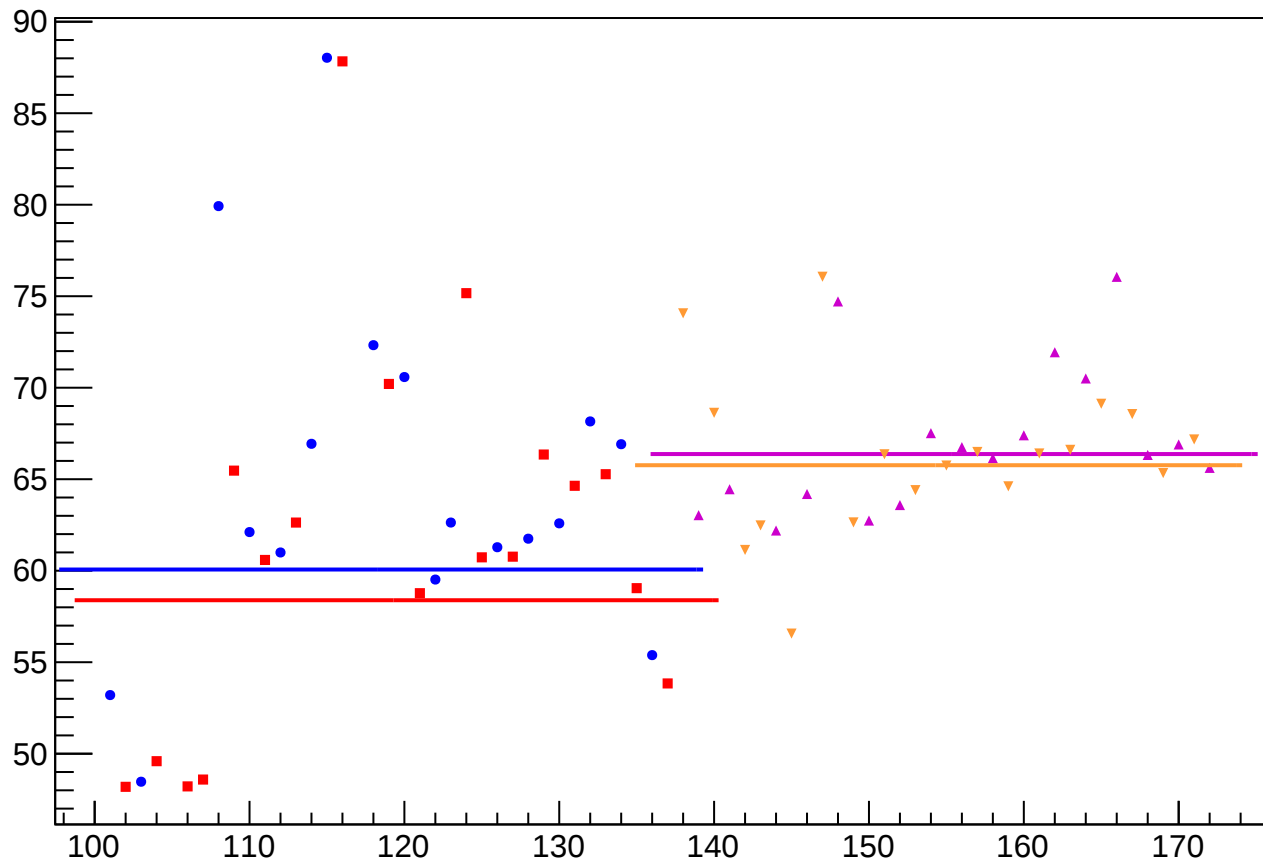
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 41.822 $\pm$ 14.406 χ^2 /NDF:32.2/33

Out: 35.480 $\pm$ 13.998 χ^2 /NDF:41.5/35

All: 38.560 $\pm$ 10.039 χ^2 /NDF: 73.8/69

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: 65.765 $\pm$ 0.013 χ^2 /NDF: 111538.0/17

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.375 $\pm$ 0.013 χ^2 /NDF: 76388.7/16

Left: 66.064 $\pm$ 0.009 χ^2 /NDF: 189069.4/34

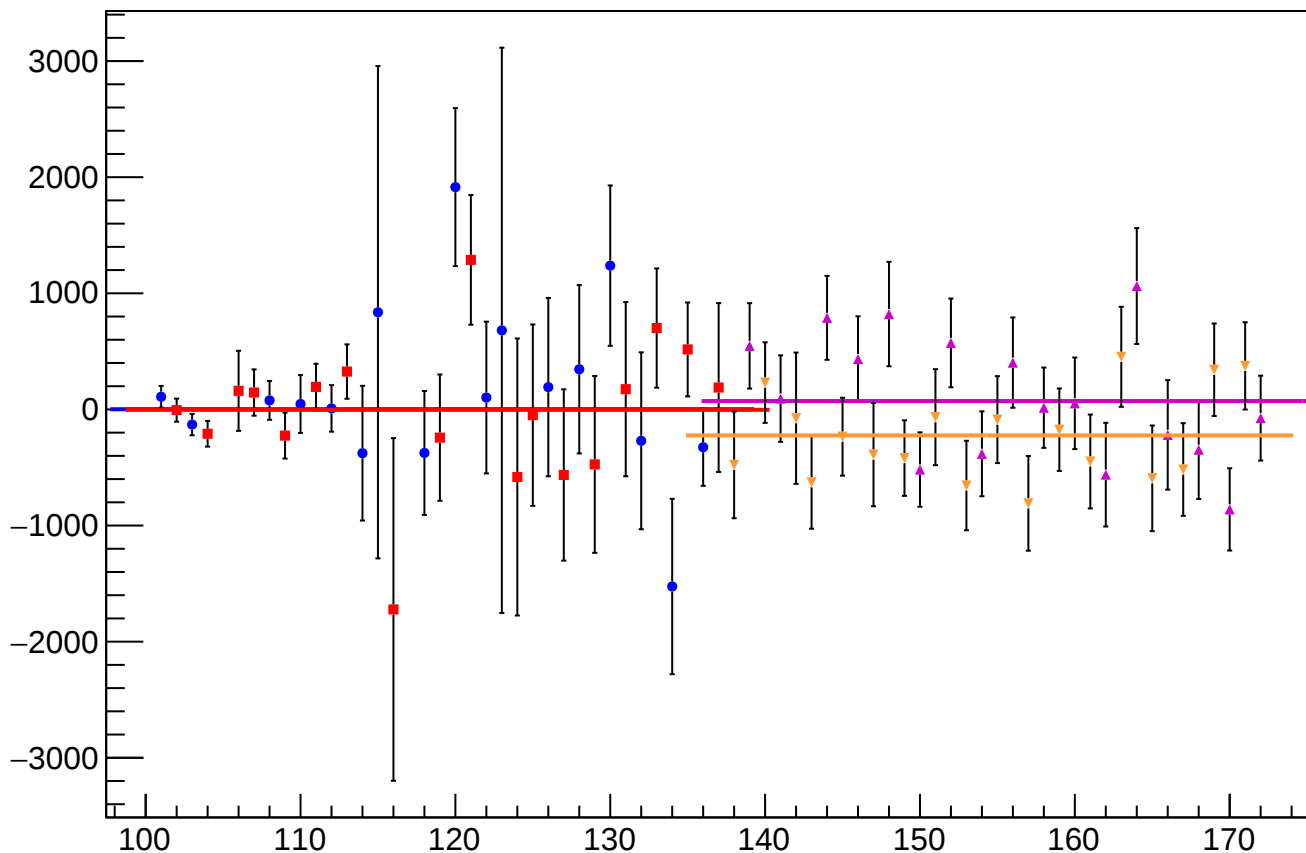
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 64.012 $\pm$ 0.010 χ^2 /NDF: 395371.0/33

Out: 62.909 $\pm$ 0.010 χ^2 /NDF: 518376.6/35

All: 63.445 $\pm$ 0.007 χ^2 /NDF: 919772.5/69

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -223.609+/-93.048 χ^2/NDF :15.8/17

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 72.248+/-93.389 χ^2/NDF :31.2/16

Left: -76.223+/-65.915 χ^2/NDF : 52.0/34

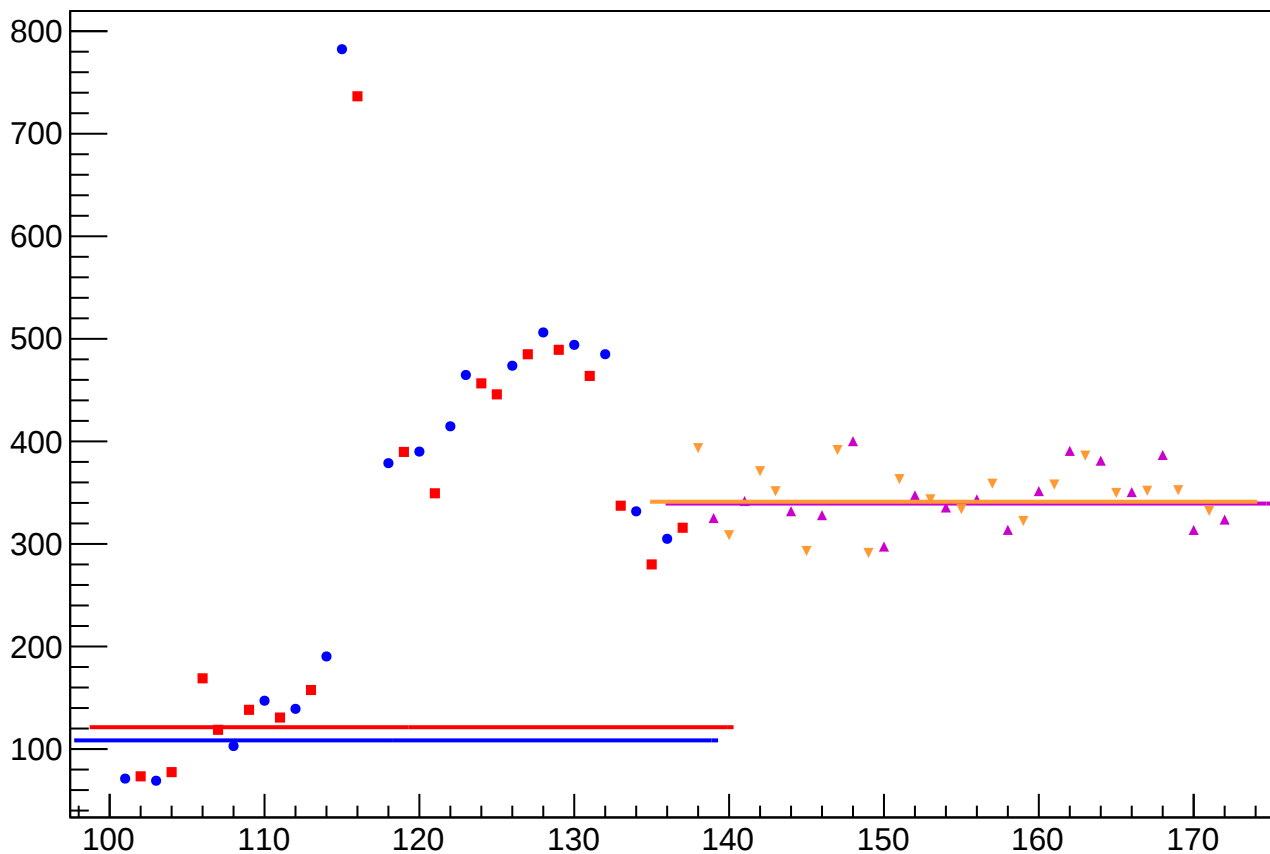
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 19.427+/-46.932 χ^2/NDF :53.0/33

Out: -62.777+/-48.363 χ^2/NDF :40.1/35

All: -20.440+/-33.680 χ^2/NDF : 94.6/69

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 341.166 $\pm$ 0.066 χ^2 /NDF: 210058.7/17

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 339.381 $\pm$ 0.066 χ^2 /NDF: 171749.0/16

Left: 340.277 $\pm$ 0.047 χ^2 /NDF: 382174.1/34

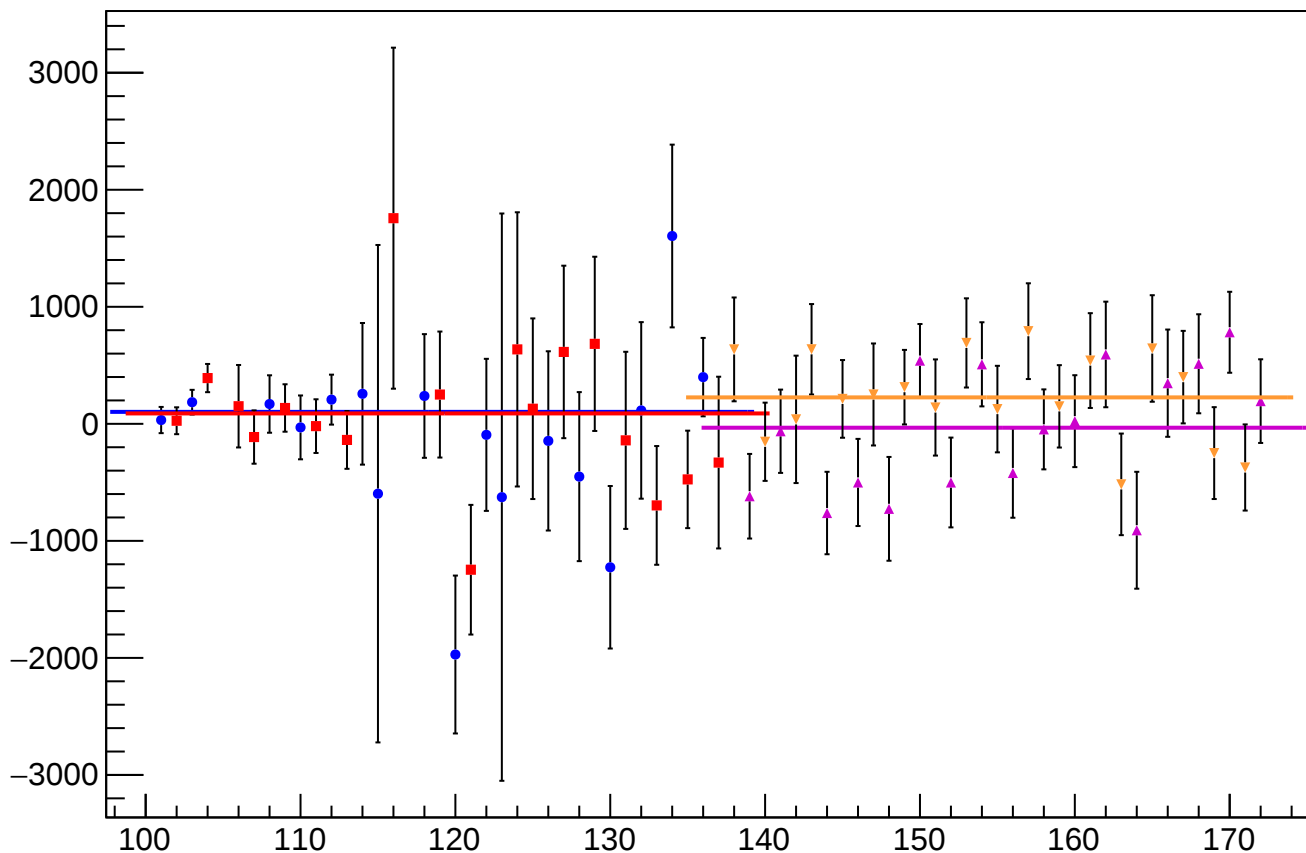
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 166.766 $\pm$ 0.033 χ^2 /NDF: 14717111.0/33

Out: 180.702 $\pm$ 0.034 χ^2 /NDF: 13091453.4/35

All: 173.525 $\pm$ 0.024 χ^2 /NDF: 27894083.1/69

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 225.961 $\pm$ 91.672 χ^2 /NDF:15.7/17

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -33.244 $\pm$ 92.056 χ^2 /NDF:32.4/16

Left: 96.901 $\pm$ 64.957 χ^2 /NDF: 52.1/34

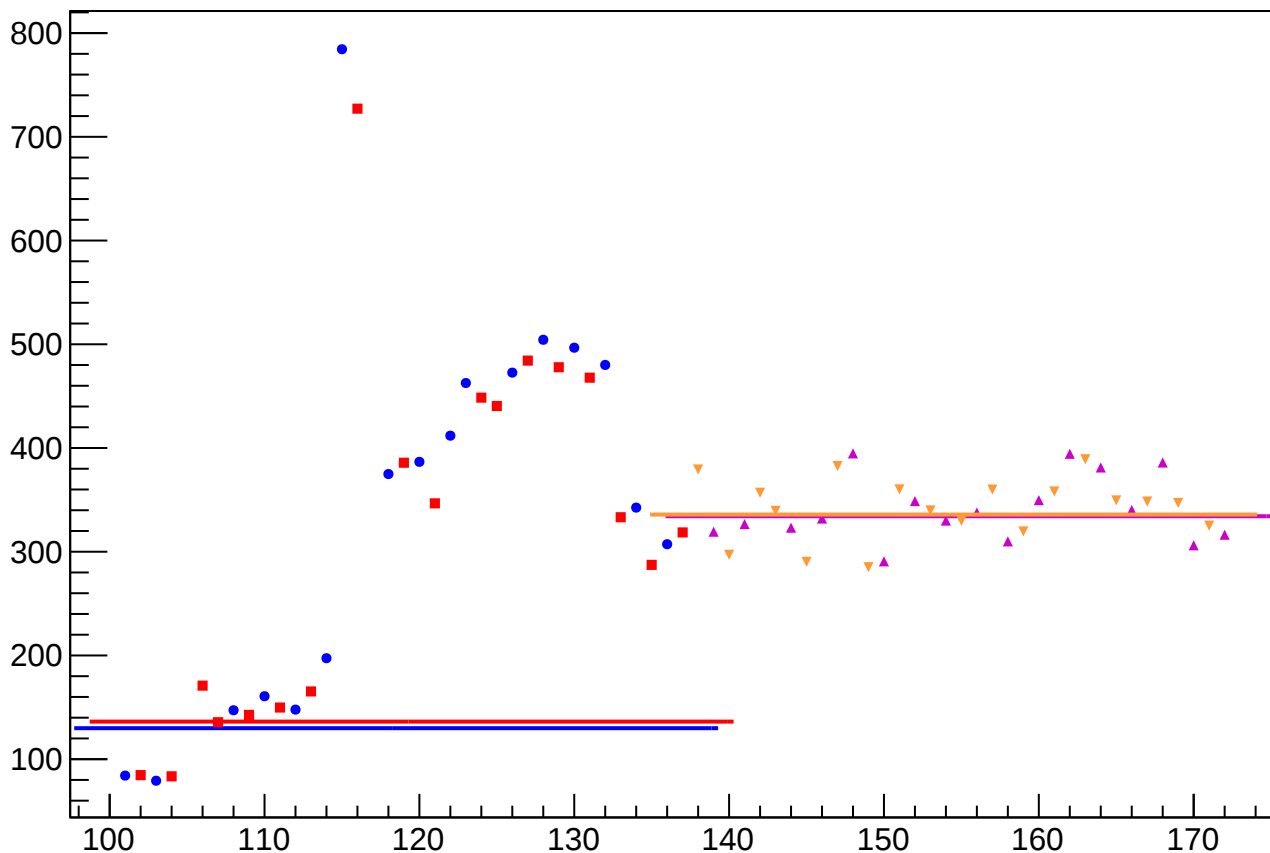
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 58.893 $\pm$ 52.062 χ^2 /NDF:54.2/33

Out: 132.096 $\pm$ 51.488 χ^2 /NDF:39.0/35

All: 95.901 $\pm$ 36.609 χ^2 /NDF: 94.1/69

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 335.829+/-0.065 χ^2/NDF : 223210.1/17

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 334.212+/-0.065 χ^2/NDF : 200621.8/16

Left: 335.024+/-0.046 χ^2/NDF : 424141.5/34

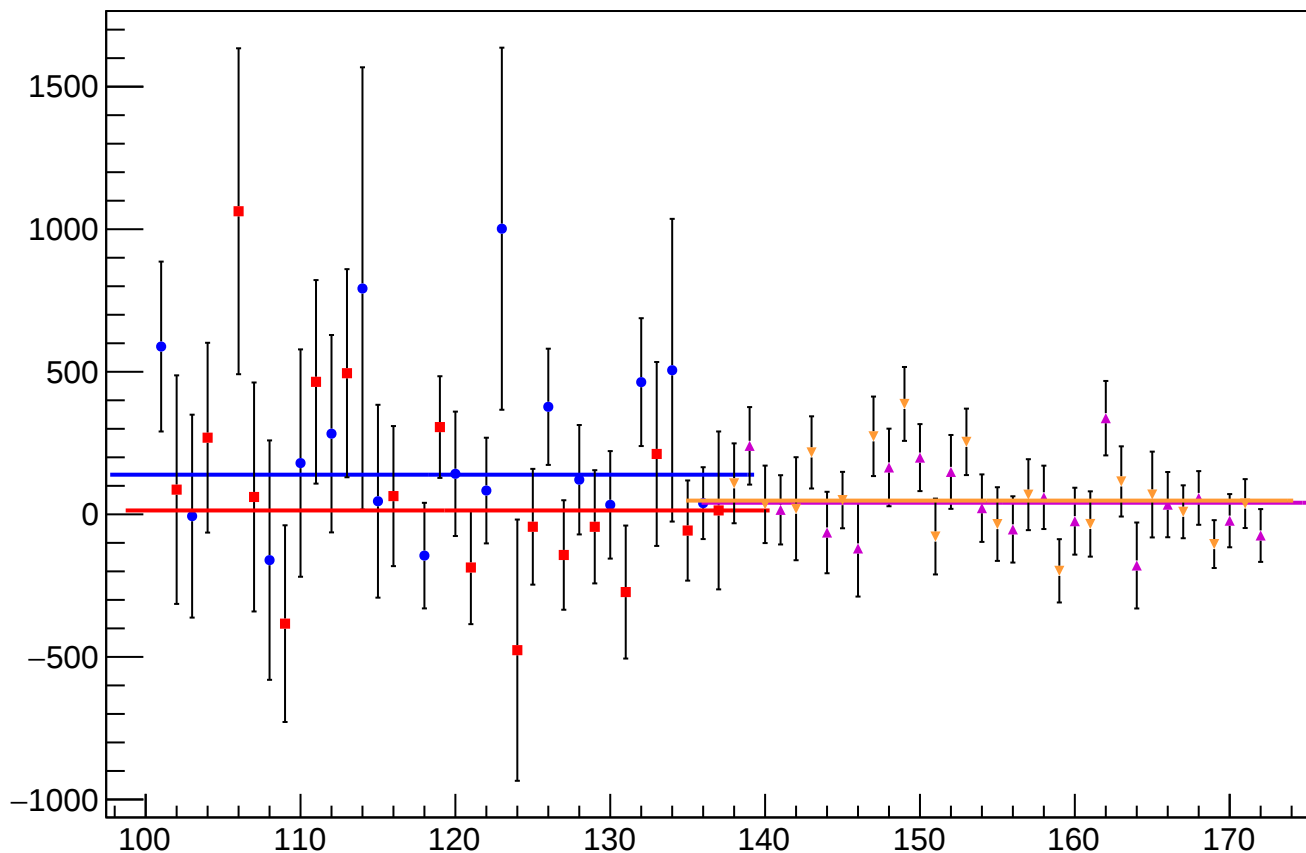
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 195.238+/-0.037 χ^2/NDF : 11731954.3/33

Out: 199.191+/-0.036 χ^2/NDF : 10996842.4/35

All: 197.236+/-0.026 χ^2/NDF : 22734627.3/69

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 48.218 $\pm$ 27.446 χ^2 /NDF:25.2/17

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 40.709 $\pm$ 28.695 χ^2 /NDF:17.3/16

Left: 44.631 $\pm$ 19.834 χ^2 /NDF: 42.5/34

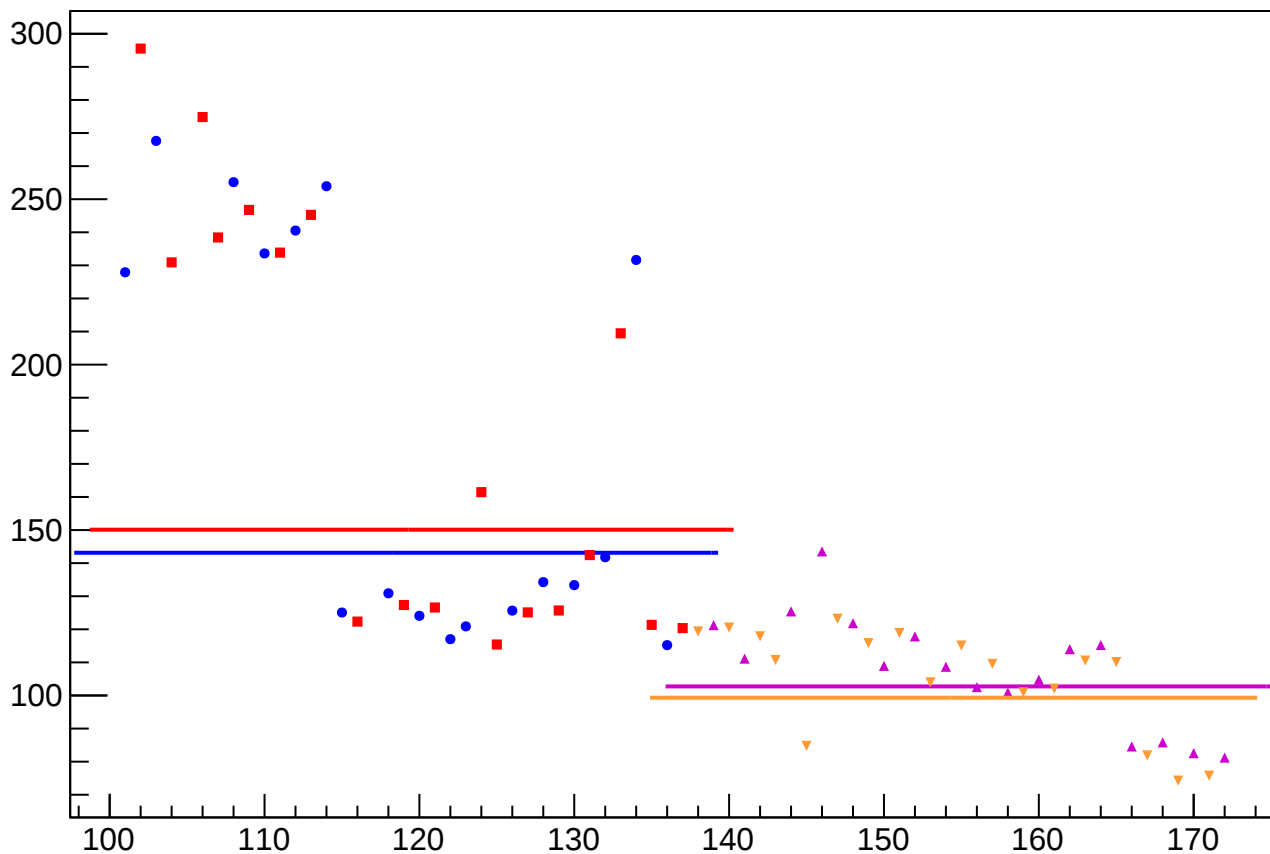
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 60.065 $\pm$ 25.718 χ^2 /NDF:32.7/33

Out: 42.255 $\pm$ 24.968 χ^2 /NDF:41.9/35

All: 50.897 $\pm$ 17.914 χ^2 /NDF: 74.8/69

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: 99.330 $\pm$ 0.019 χ^2/NDF : 779180.8/17

Right Out: 150.109 $\pm$ 0.043 χ^2/NDF : 1332775.0/17

Left In: 102.739 $\pm$ 0.020 χ^2/NDF : 637650.9/16

Left: 100.959 $\pm$ 0.014 χ^2/NDF : 1431577.2/34

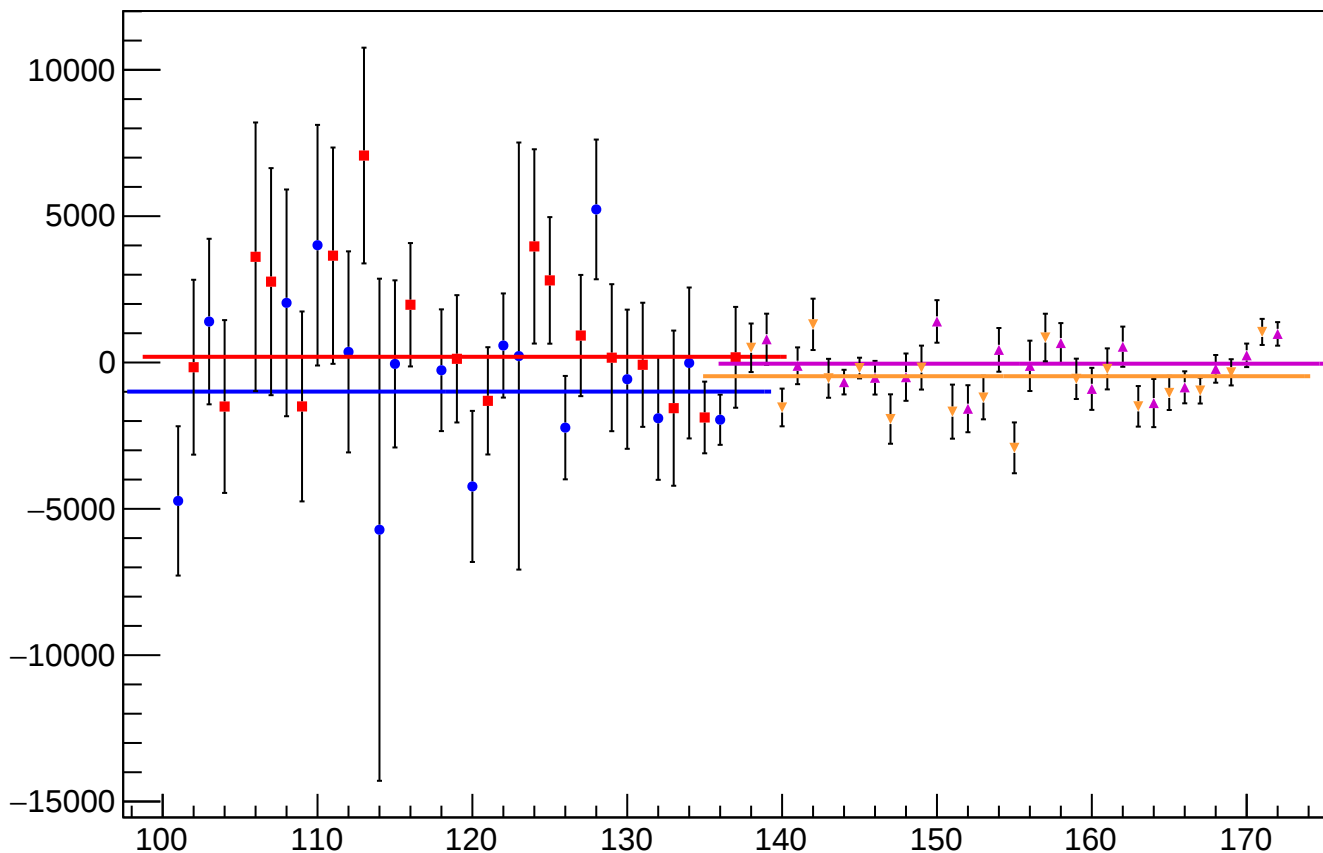
Right: 146.498 $\pm$ 0.030 χ^2/NDF : 2447968.1/34

In: 110.687 $\pm$ 0.018 χ^2/NDF : 2518887.3/33

Out: 108.086 $\pm$ 0.018 χ^2/NDF : 3292460.2/35

All: 109.348 $\pm$ 0.013 χ^2/NDF : 5821885.6/69

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -468.279+/-143.302 χ^2/NDF : 41.4/17

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -40.795+/-143.576 χ^2/NDF : 27.3/16

Left: -254.945+/-101.426 χ^2/NDF : 73.2/34

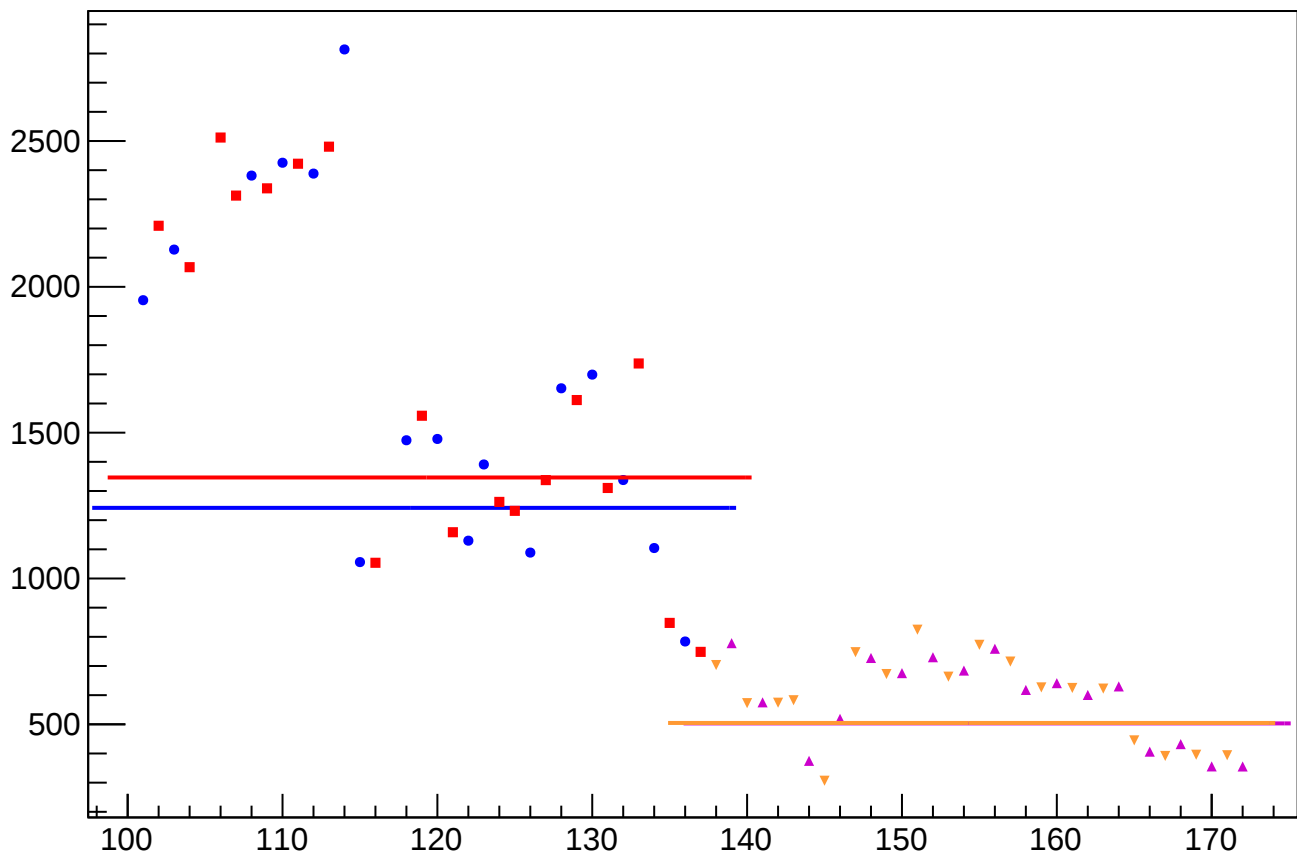
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -109.162+/-138.330 χ^2/NDF : 47.4/33

Out: -425.210+/-138.572 χ^2/NDF : 56.4/35

All: -266.910+/-97.899 χ^2/NDF : 106.4/69

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 504.682+/-0.101 χ^2/NDF : 2297073.4/17

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 503.147+/-0.102 χ^2/NDF : 1998753.0/16

Left: 503.916+/-0.072 χ^2/NDF : 4295940.9/34

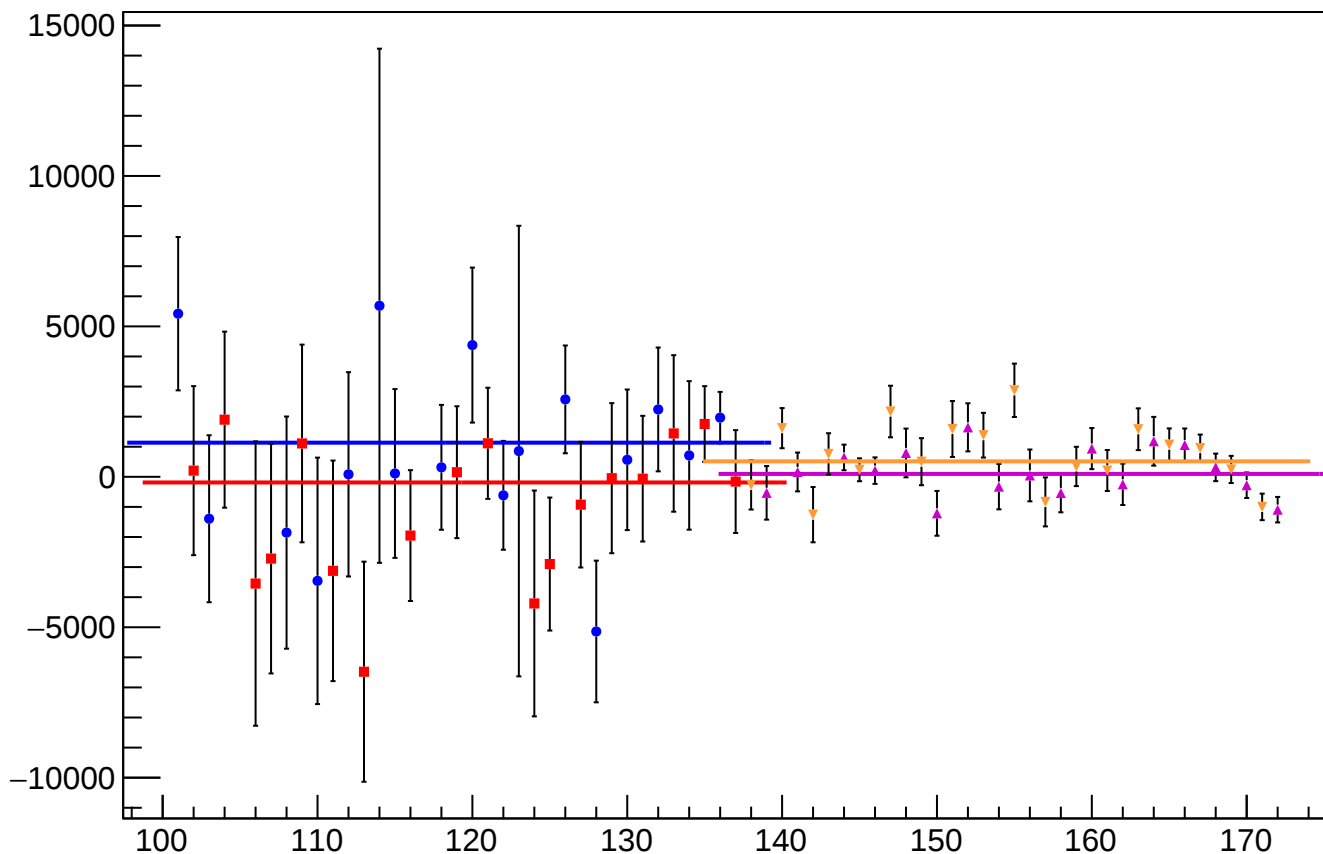
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 556.164+/-0.098 χ^2/NDF : 7567542.3/33

Out: 559.329+/-0.098 χ^2/NDF : 8585774.9/35

All: 557.744+/-0.069 χ^2/NDF : 16153840.0/69

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 514.054 $\pm$ 144.783 χ^2 /NDF: 41.1/17

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 96.086 $\pm$ 141.748 χ^2 /NDF: 26.6/16

Left: 300.643 $\pm$ 101.287 χ^2 /NDF: 72.0/34

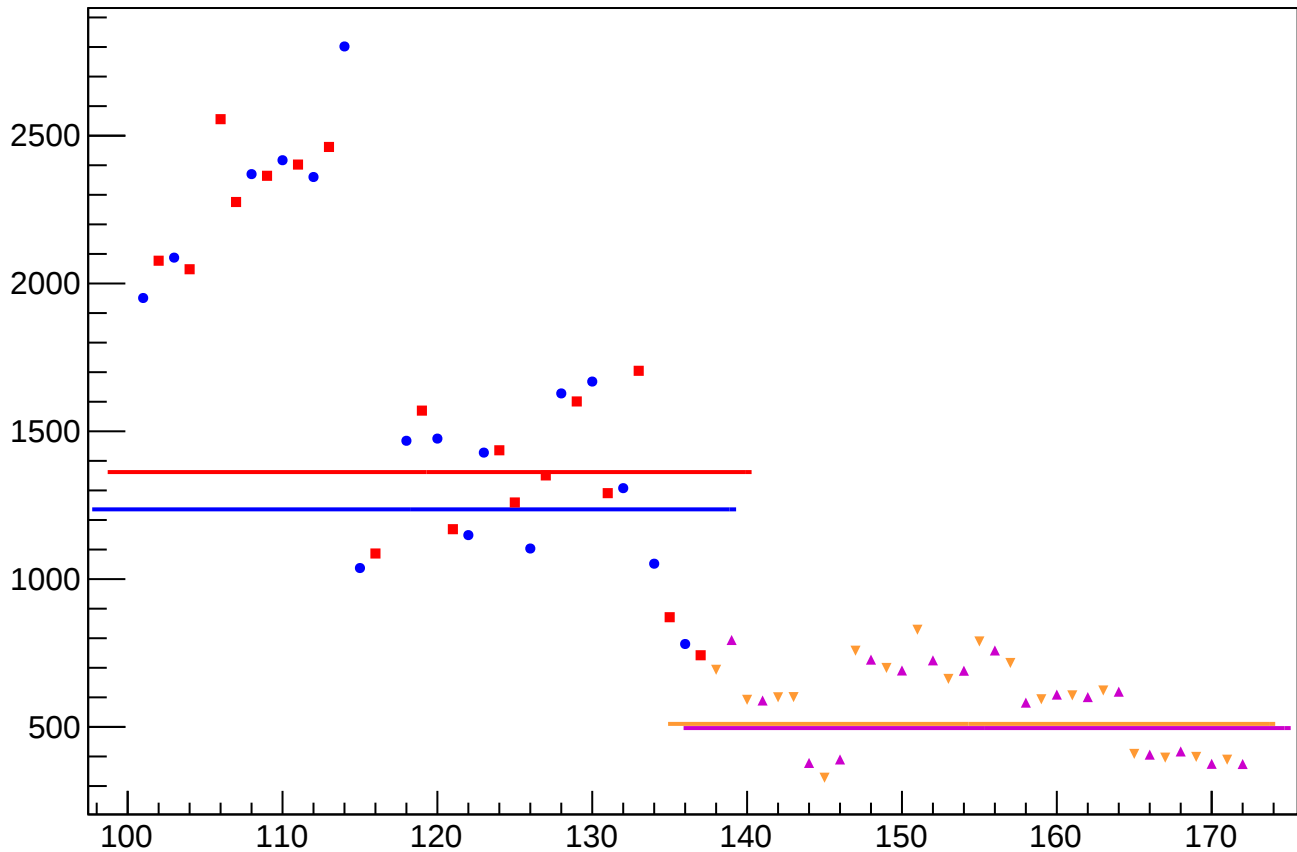
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 169.590 $\pm$ 136.643 χ^2 /NDF: 48.2/33

Out: 468.307 $\pm$ 139.983 χ^2 /NDF: 54.6/35

All: 315.342 $\pm$ 97.781 χ^2 /NDF: 105.1/69

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 510.242+/-0.102 χ^2/NDF : 2167619.1/17

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 496.058+/-0.100 χ^2/NDF : 1942080.4/16

Left: 503.000+/-0.072 χ^2/NDF : 4119500.2/34

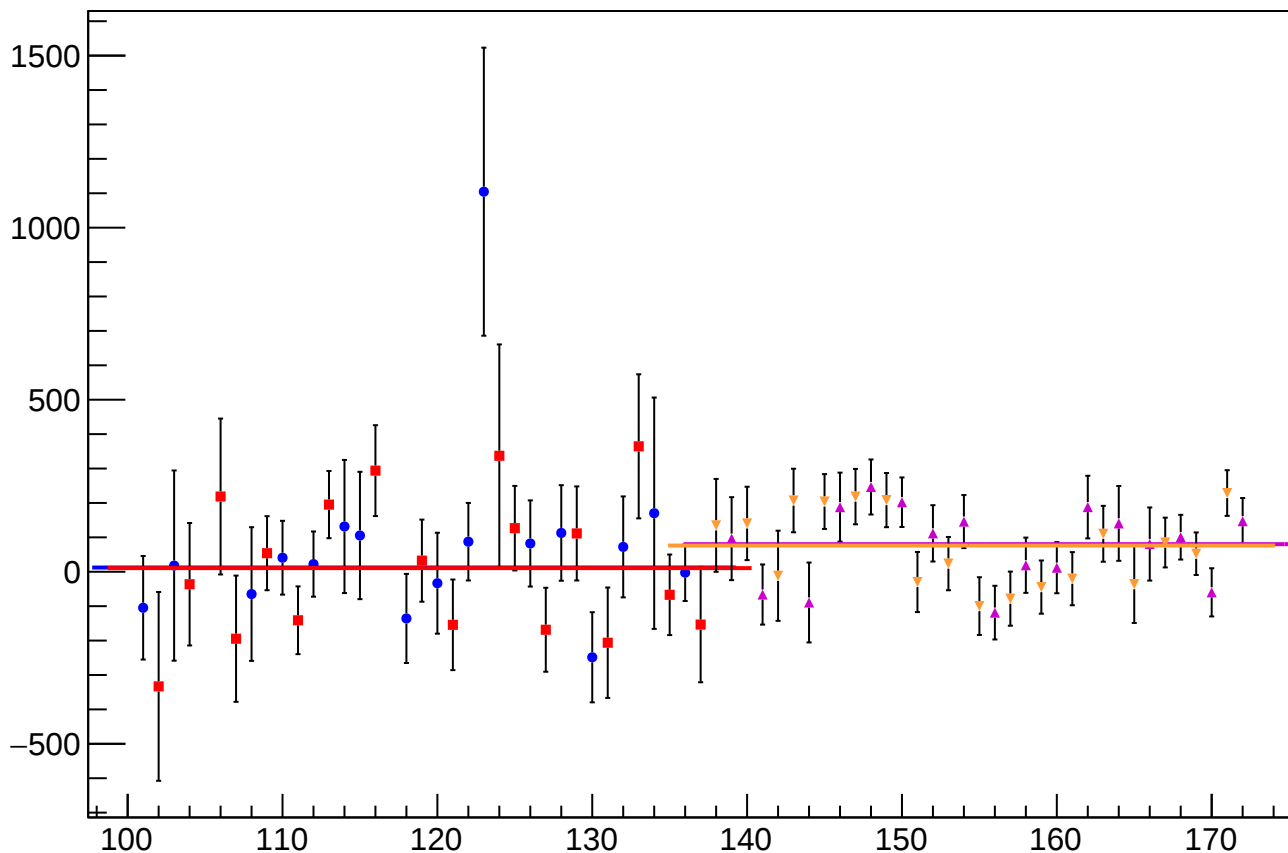
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 548.394+/-0.097 χ^2/NDF : 7542174.1/33

Out: 565.788+/-0.099 χ^2/NDF : 8391351.0/35

All: 556.881+/-0.069 χ^2/NDF : 15949338.2/69

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 76.208 $\pm$ 19.468 χ^2 /NDF: 32.3/17

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 80.185 $\pm$ 20.012 χ^2 /NDF: 28.9/16

Left: 78.142 $\pm$ 13.954 χ^2 /NDF: 61.2/34

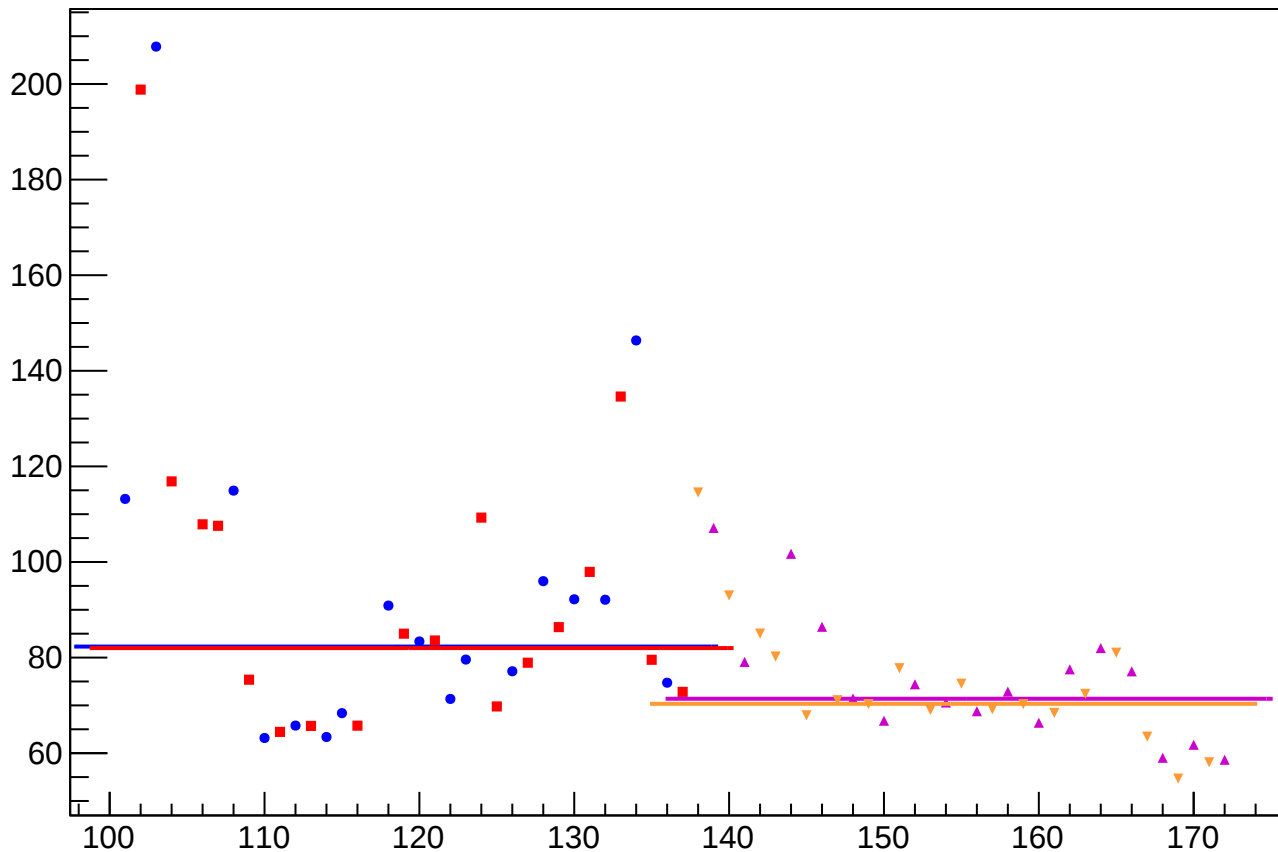
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 62.118 $\pm$ 17.143 χ^2 /NDF: 47.3/33

Out: 58.964 $\pm$ 16.715 χ^2 /NDF: 62.0/35

All: 60.501 $\pm$ 11.968 χ^2 /NDF: 109.4/69

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: 70.326 $\pm$ 0.014 χ^2 /NDF: 610647.8/17

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 71.386 $\pm$ 0.014 χ^2 /NDF: 612247.7/16

Left: 70.841 $\pm$ 0.010 χ^2 /NDF: 1225783.5/34

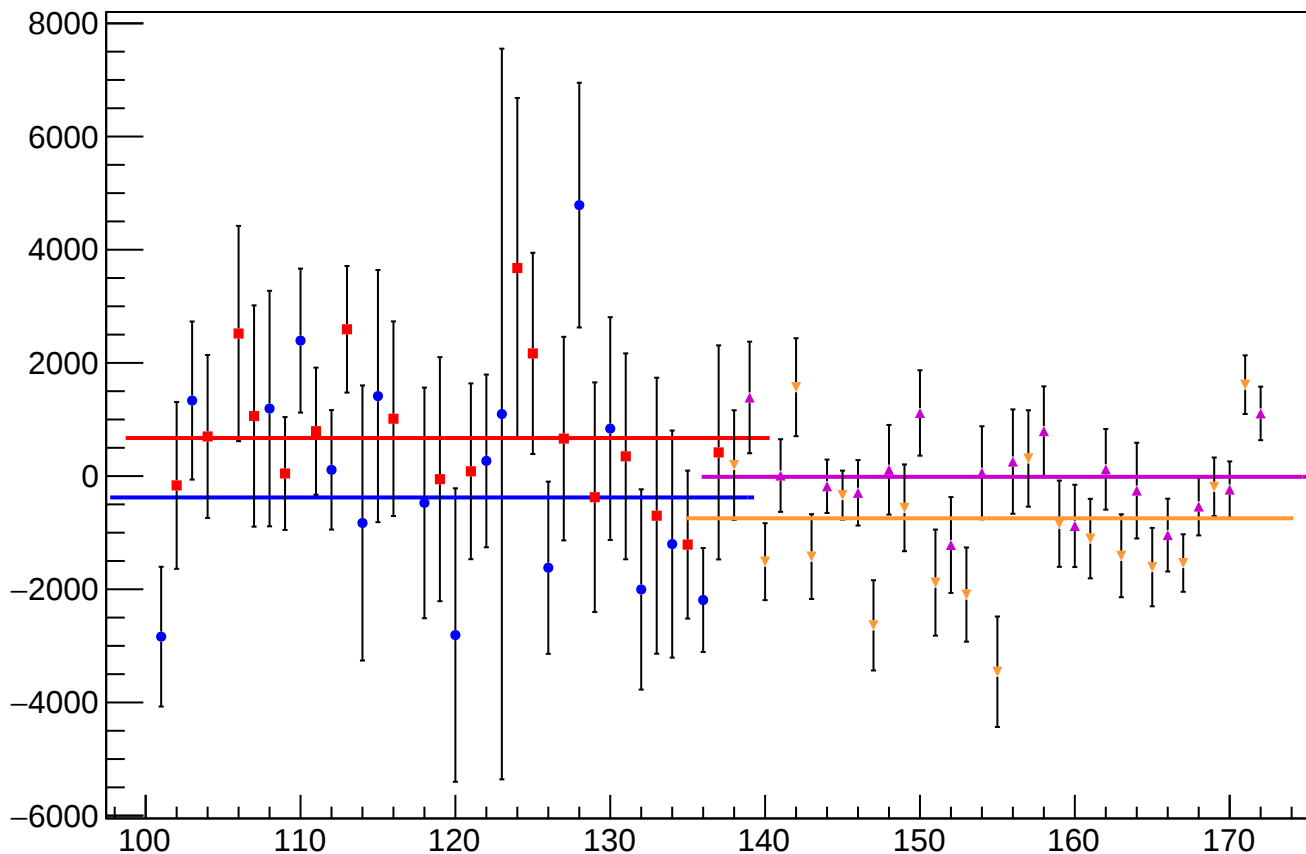
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 74.293 $\pm$ 0.012 χ^2 /NDF: 1639485.6/33

Out: 73.390 $\pm$ 0.012 χ^2 /NDF: 1652472.6/35

All: 73.830 $\pm$ 0.008 χ^2 /NDF: 3294801.2/69

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -745.502+/-160.129 χ^2/NDF : 57.1/17

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: -13.207+/-158.189 χ^2/NDF : 18.8/16

Left: -374.893+/-112.536 χ^2/NDF : 86.5/34

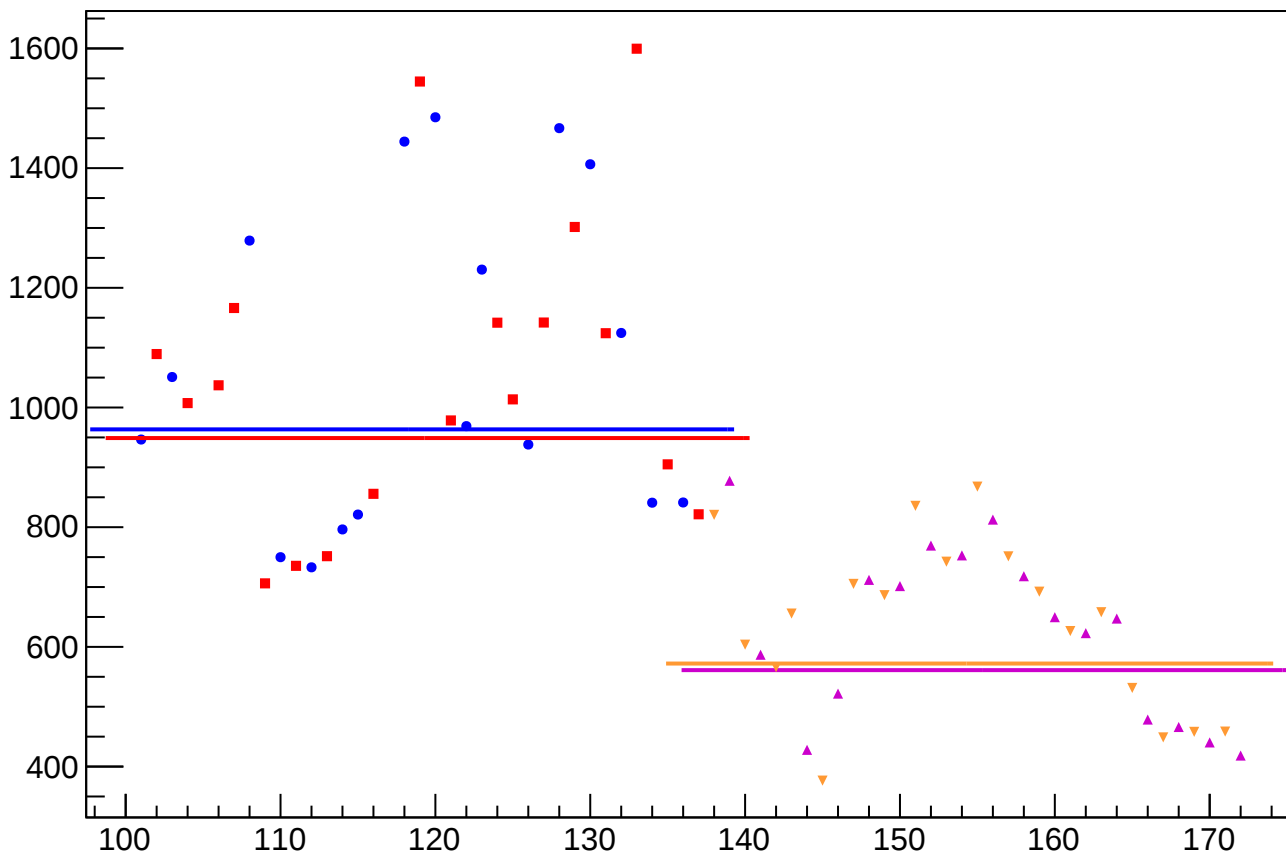
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: -66.059+/-146.259 χ^2/NDF : 44.0/33

Out: -520.292+/-146.870 χ^2/NDF : 78.9/35

All: -292.228+/-103.636 χ^2/NDF : 127.7/69

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 572.150 $\pm$ 0.113 χ^2 /NDF: 1591217.5/17

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 561.144 $\pm$ 0.112 χ^2 /NDF: 1444589.0/16

Left: 566.580 $\pm$ 0.080 χ^2 /NDF: 3040587.9/34

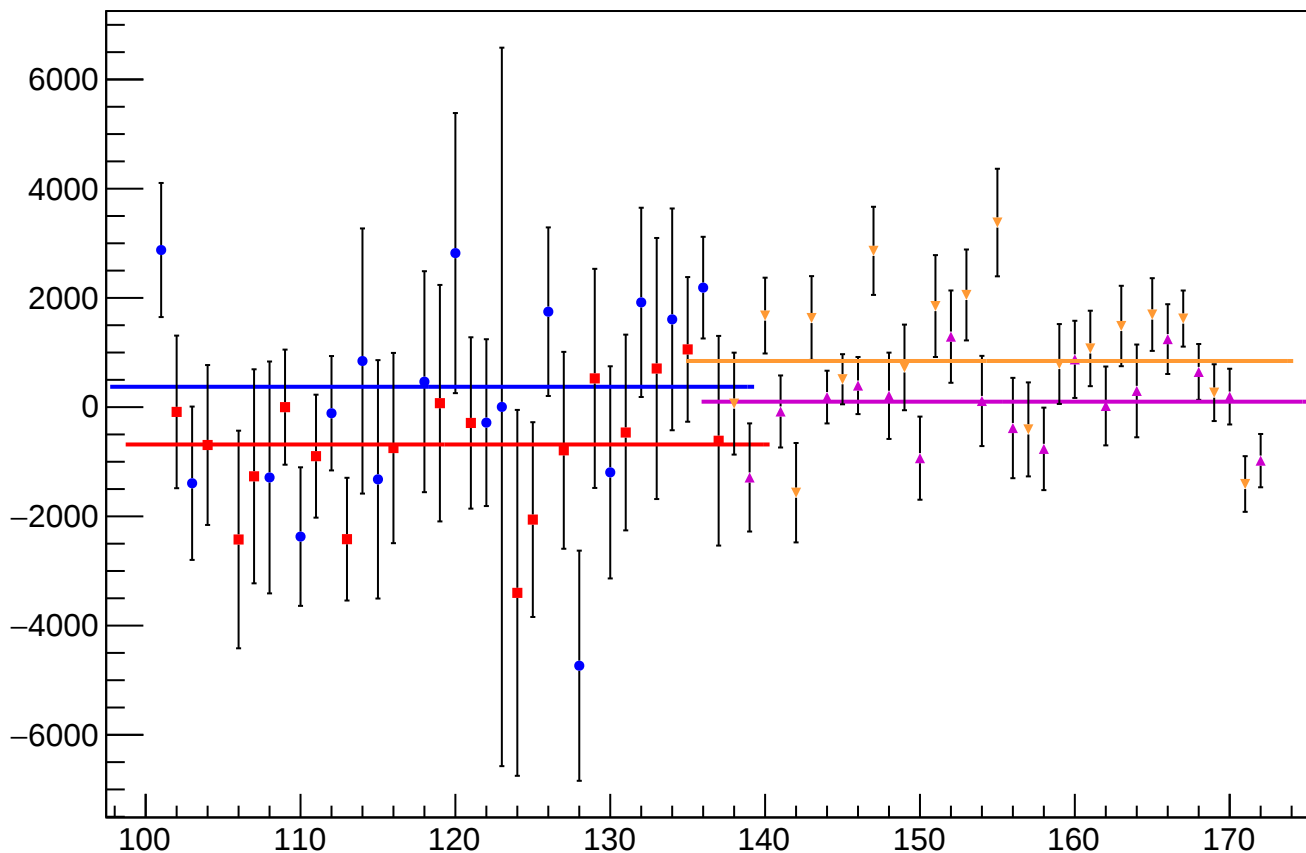
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 619.541 $\pm$ 0.103 χ^2 /NDF: 4011240.1/33

Out: 631.965 $\pm$ 0.104 χ^2 /NDF: 4078549.6/35

All: 625.727 $\pm$ 0.073 χ^2 /NDF: 8096974.4/69

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 $\chi^2/\text{NDF}: 25.3/16$

Left Out: 845.163 ± 161.326 $\chi^2/\text{NDF}: 54.6/17$

Right Out: -683.612 ± 372.418 $\chi^2/\text{NDF}: 7.8/17$

Left In: 99.869 ± 158.057 $\chi^2/\text{NDF}: 18.4/16$

Left: 464.889 ± 112.901 $\chi^2/\text{NDF}: 83.9/34$

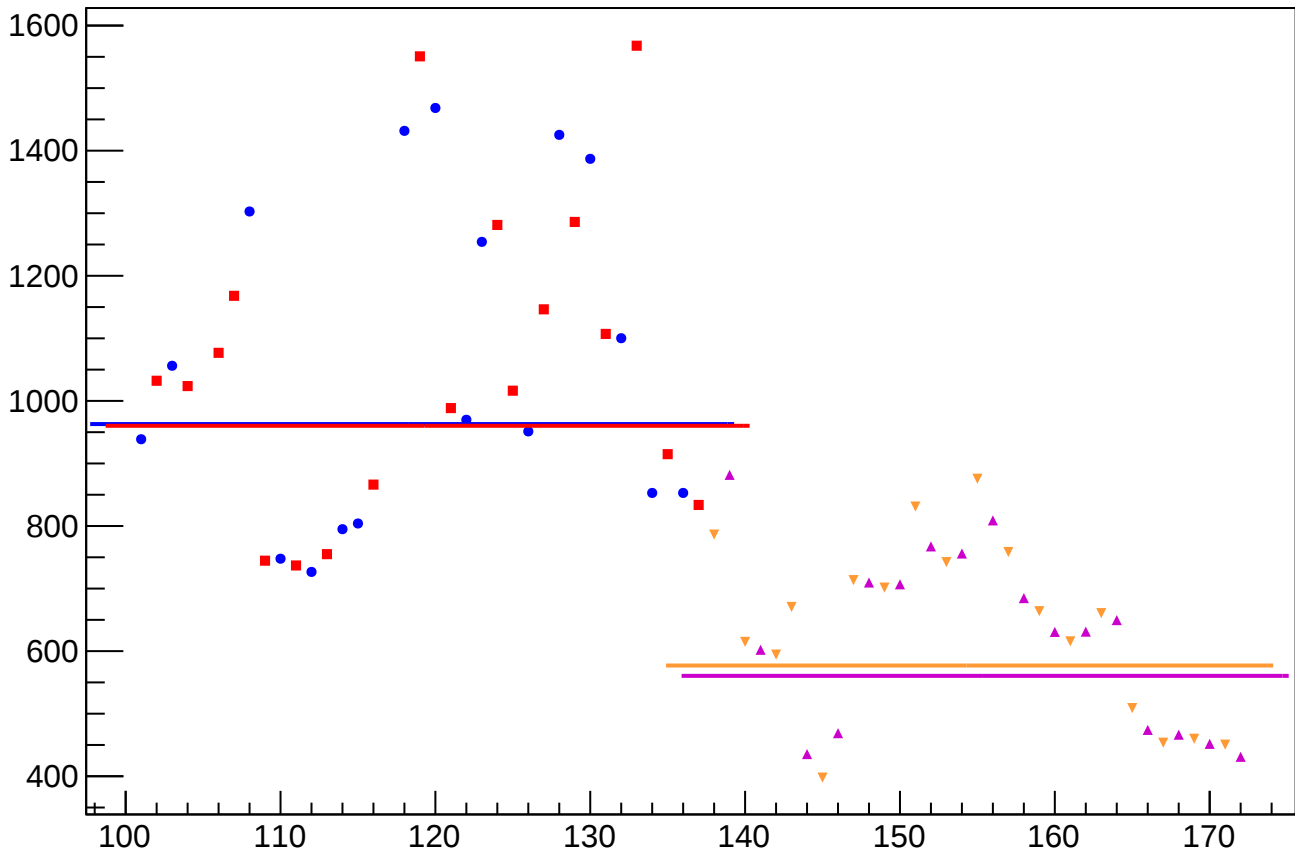
Right: -171.066 ± 267.226 $\chi^2/\text{NDF}: 36.9/34$

In: 139.483 ± 146.141 $\chi^2/\text{NDF}: 44.1/33$

Out: 603.615 ± 148.034 $\chi^2/\text{NDF}: 76.5/35$

All: 368.564 ± 104.000 $\chi^2/\text{NDF}: 125.6/69$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 577.006+/-0.114 χ^2/NDF : 1470954.6/17

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 560.474+/-0.112 χ^2/NDF : 1388696.6/16

Left: 568.571+/-0.080 χ^2/NDF : 2870366.9/34

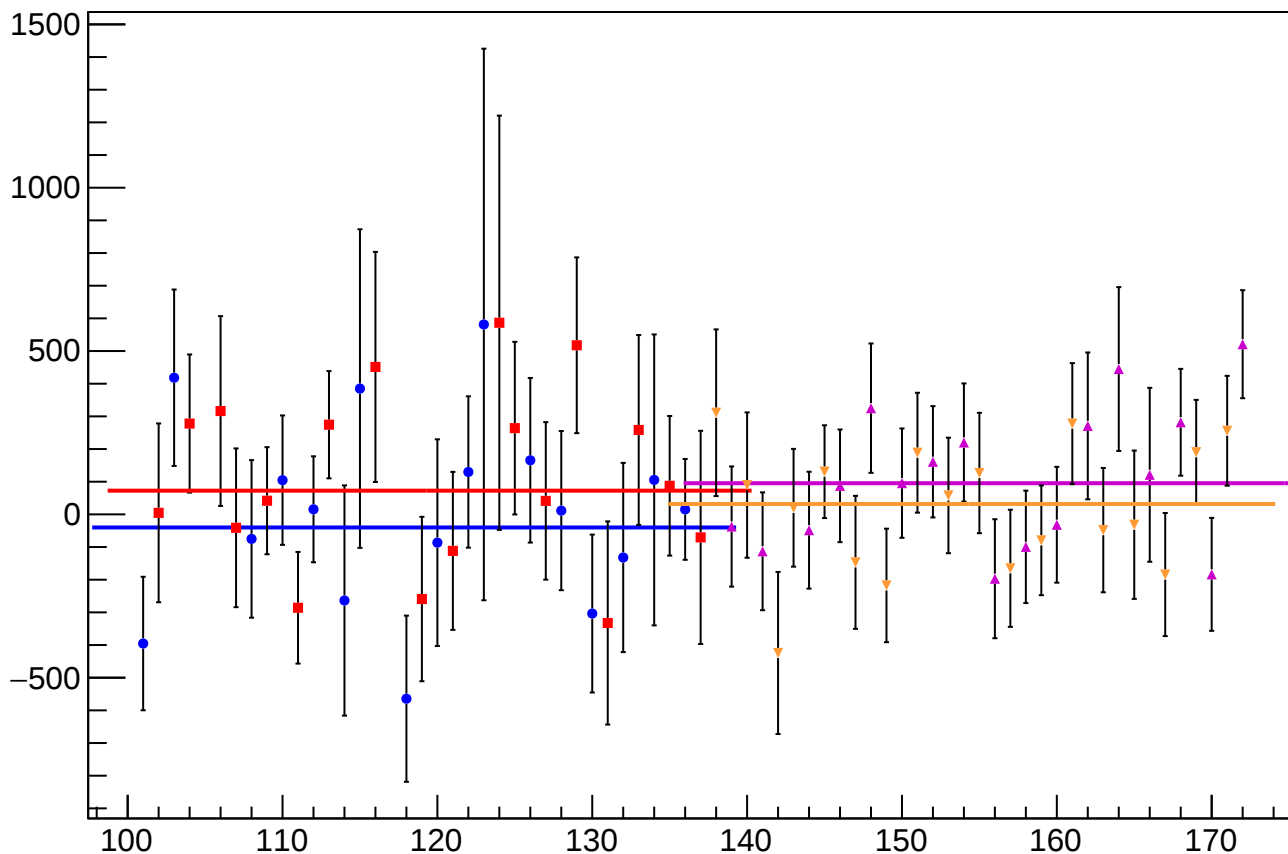
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 618.874+/-0.103 χ^2/NDF : 3938029.3/33

Out: 637.553+/-0.105 χ^2/NDF : 3924995.3/35

All: 628.094+/-0.074 χ^2/NDF : 7879151.8/69

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 $\pm$ 59.256 χ^2/NDF : 15.3/16

Left Out: 31.771 $\pm$ 43.611 χ^2/NDF :16.7/17

Right Out: 72.607 $\pm$ 56.313 χ^2/NDF : 17.6/17

Left In: 95.437 $\pm$ 44.526 χ^2/NDF :21.9/16

Left: 62.943 $\pm$ 31.156 χ^2/NDF : 39.7/34

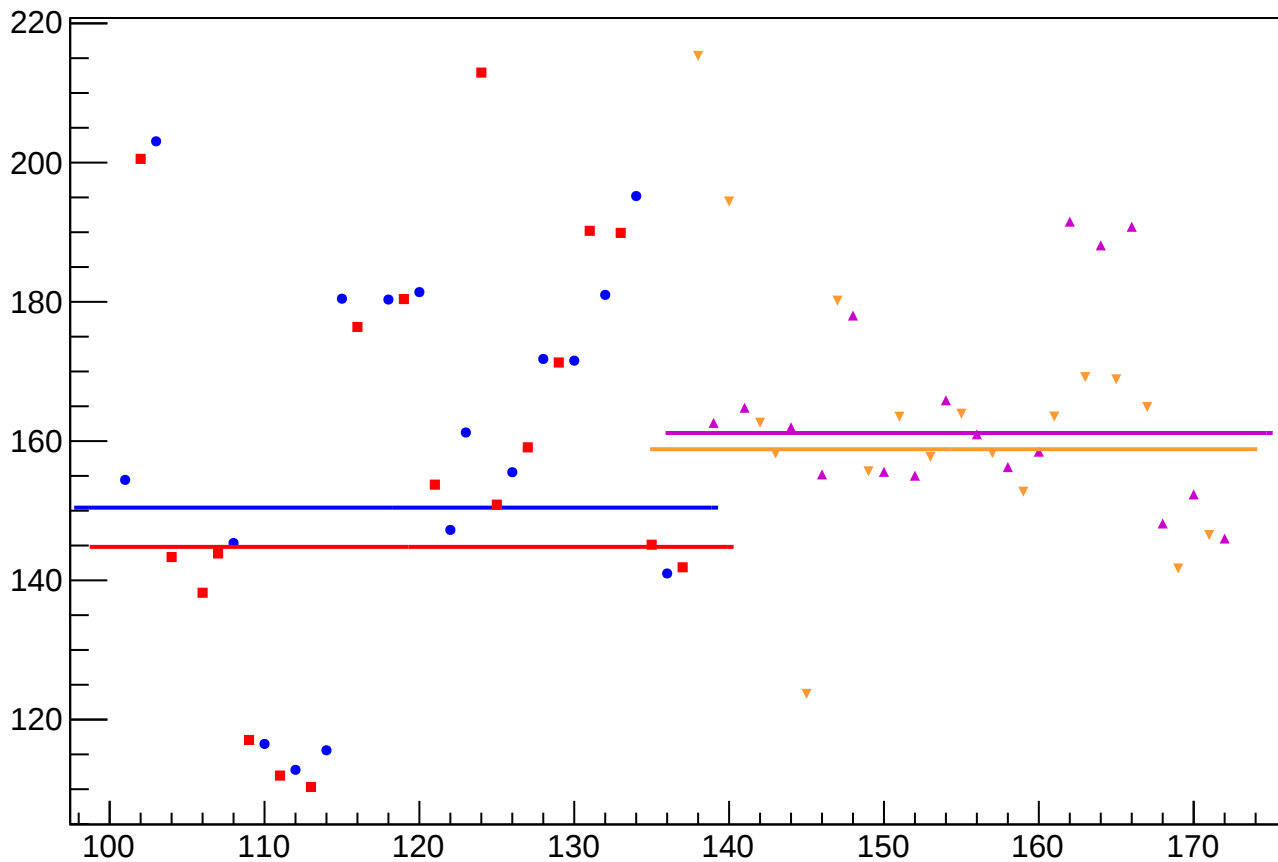
Right: 19.111 $\pm$ 40.820 χ^2/NDF : 34.8/34

In: 46.518 $\pm$ 35.596 χ^2/NDF :40.6/33

Out: 47.080 $\pm$ 34.480 χ^2/NDF :34.6/35

All: 46.808 $\pm$ 24.766 χ^2/NDF : 75.3/69

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 158.832 $\pm$ 0.031 χ^2/NDF :347196.3/17

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 161.164 $\pm$ 0.031 χ^2/NDF :145098.4/16

Left: 159.974 $\pm$ 0.022 χ^2/NDF : 495093.5/34

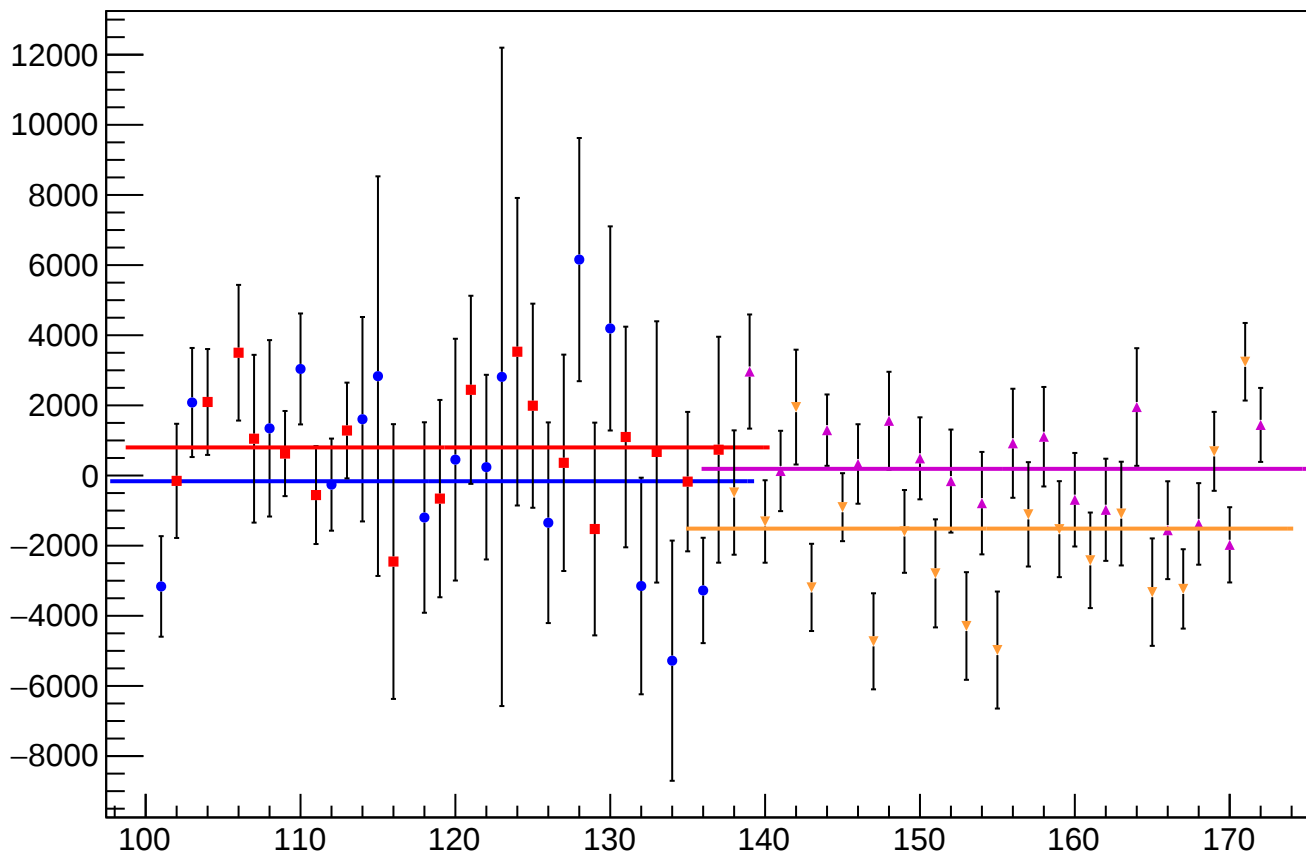
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 157.295 $\pm$ 0.025 χ^2/NDF :587072.0/33

Out: 153.574 $\pm$ 0.024 χ^2/NDF :928609.1/35

All: 155.375 $\pm$ 0.018 χ^2/NDF : 1526951.9/69

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: -1513.930 $\pm$ 310.431 χ^2 /NDF: 47.5/17

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 190.040 $\pm$ 310.387 χ^2 /NDF: 17.3/16

Left: -661.826 $\pm$ 219.492 χ^2 /NDF: 79.9/34

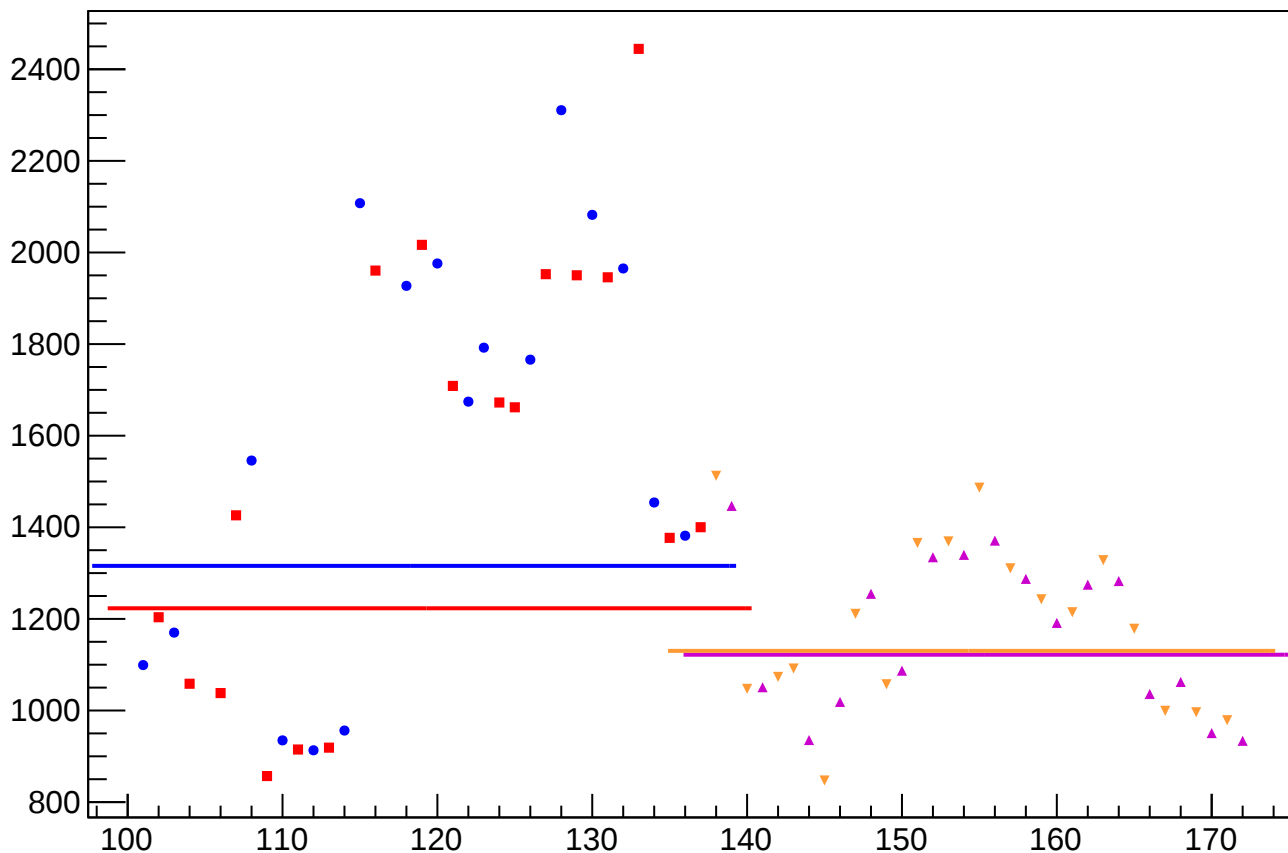
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 100.726 $\pm$ 268.243 χ^2 /NDF: 42.7/33

Out: -844.285 $\pm$ 261.711 χ^2 /NDF: 70.4/35

All: -383.426 $\pm$ 187.324 χ^2 /NDF: 119.5/69

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: 1130.230 $\pm$ 0.220 χ^2 /NDF: 659878.3/17

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1121.826 $\pm$ 0.219 χ^2 /NDF: 528968.4/16

Left: 1126.027 $\pm$ 0.155 χ^2 /NDF: 1189579.8/34

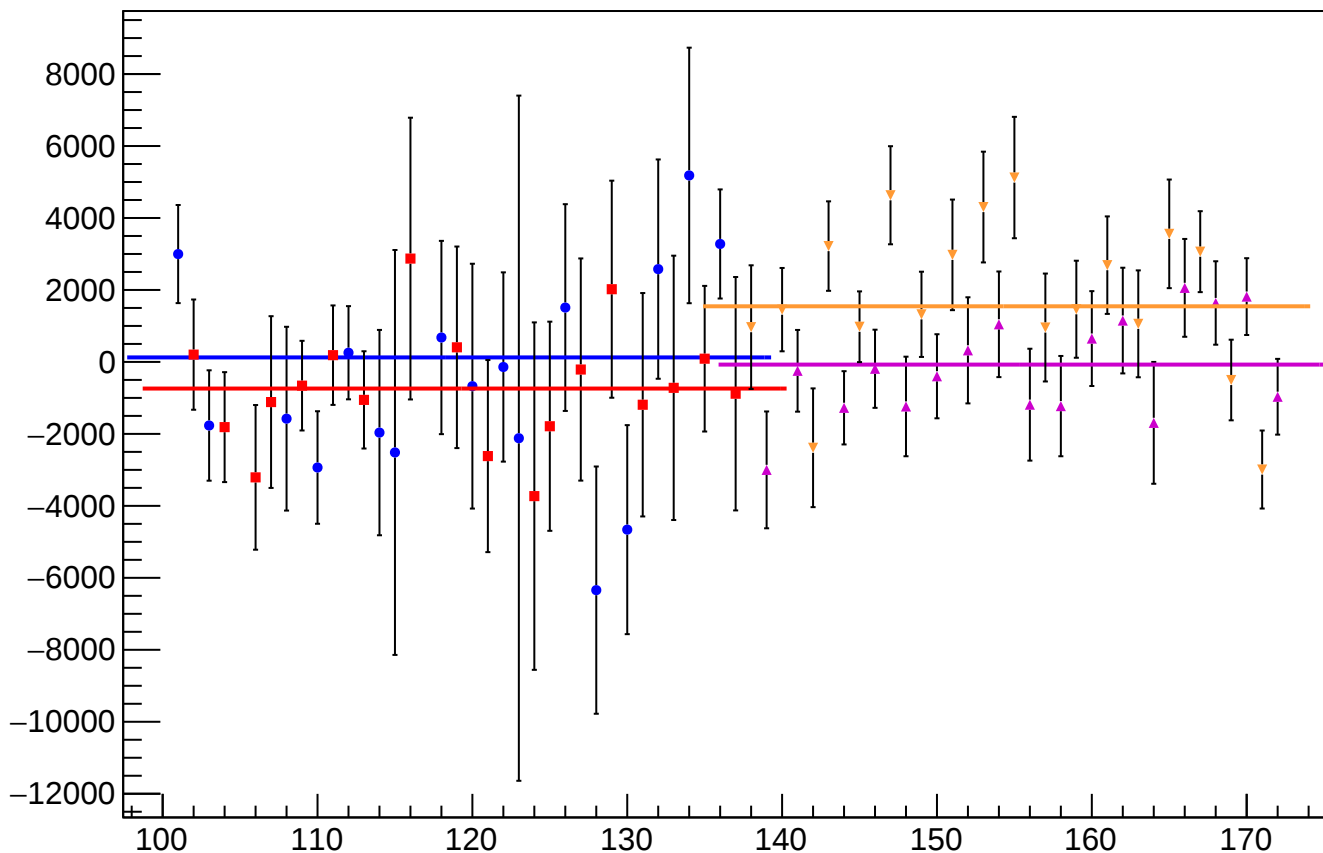
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1170.921 $\pm$ 0.190 χ^2 /NDF: 1845000.1/33

Out: 1157.116 $\pm$ 0.185 χ^2 /NDF: 2074797.6/35

All: 1163.848 $\pm$ 0.132 χ^2 /NDF: 3922511.8/69

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1545.894 $\pm$ 309.304 χ^2/NDF : 47.1/17

Right Out: -739.954 $\pm$ 486.808 χ^2/NDF : 6.0/17

Left In: -74.250 $\pm$ 308.165 χ^2/NDF : 17.7/16

Left: 732.833 $\pm$ 218.307 χ^2/NDF : 78.6/34

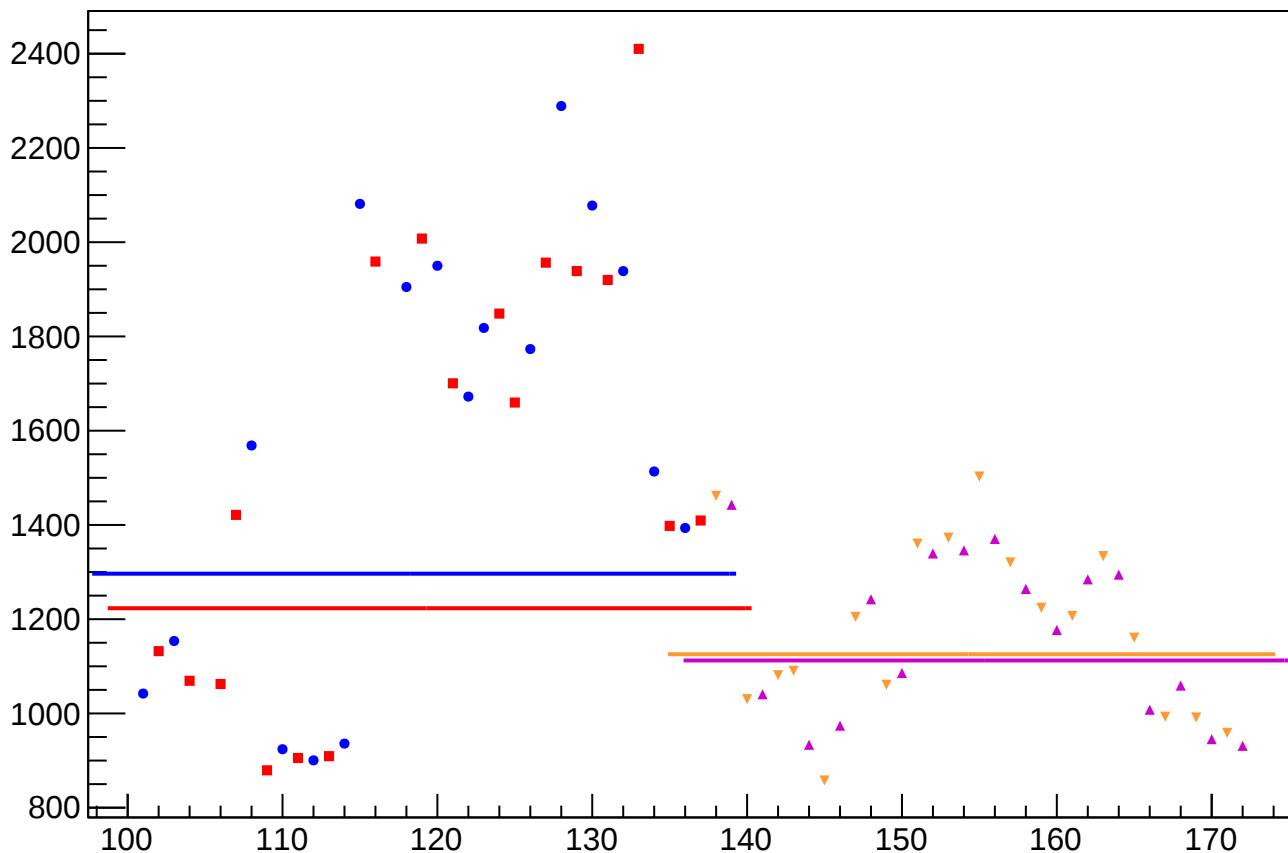
Right: -341.379 $\pm$ 357.529 χ^2/NDF : 32.1/34

In: -23.355 $\pm$ 265.996 χ^2/NDF : 42.5/33

Out: 888.493 $\pm$ 261.065 χ^2/NDF : 68.8/35

All: 441.099 $\pm$ 186.320 χ^2/NDF : 117.3/69

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1125.666 $\pm$ 0.219 χ^2 /NDF: 648777.8/17

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1112.423 $\pm$ 0.218 χ^2 /NDF: 560202.4/16

Left: 1119.020 $\pm$ 0.154 χ^2 /NDF: 1210820.1/34

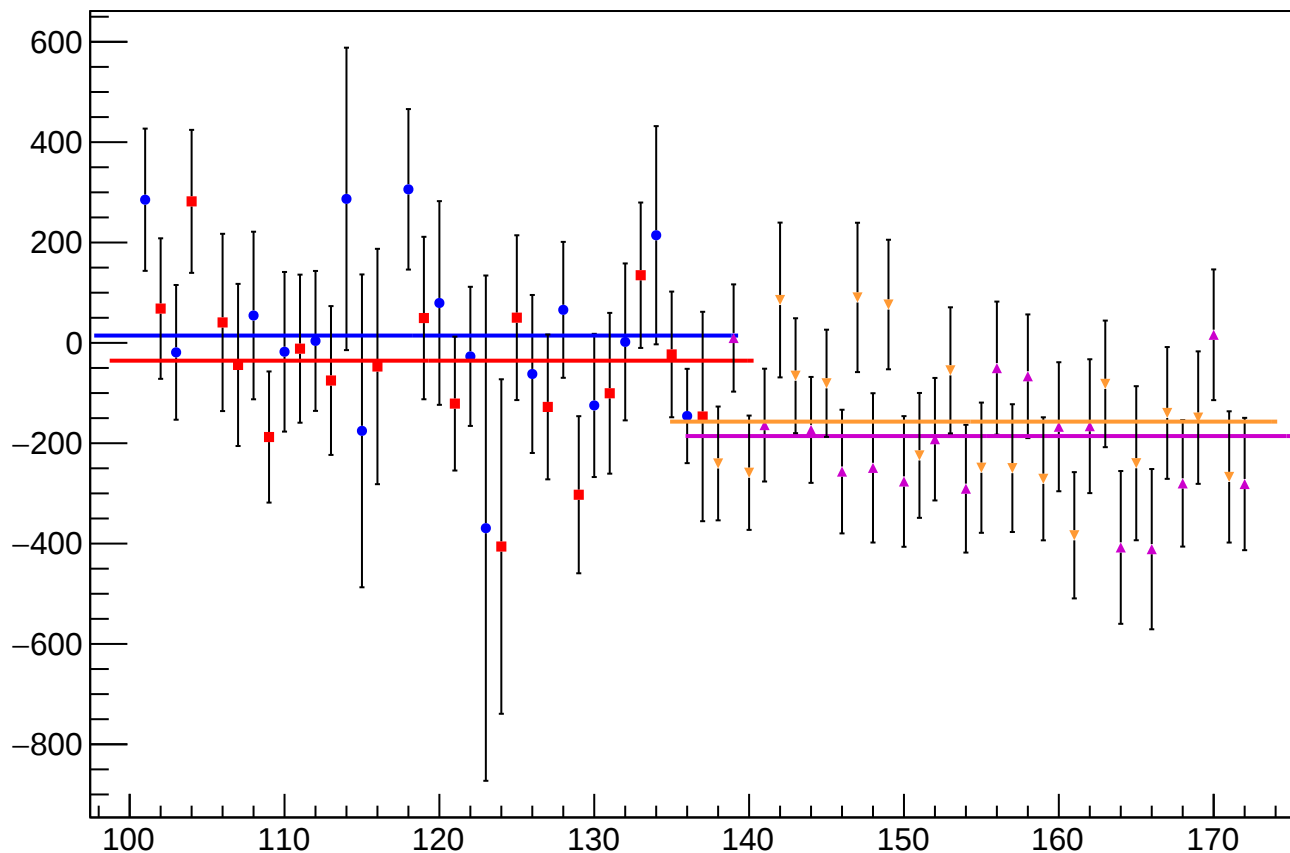
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1159.372 $\pm$ 0.188 χ^2 /NDF: 1917749.2/33

Out: 1153.738 $\pm$ 0.185 χ^2 /NDF: 2052748.3/35

All: 1156.503 $\pm$ 0.132 χ^2 /NDF: 3970954.7/69

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

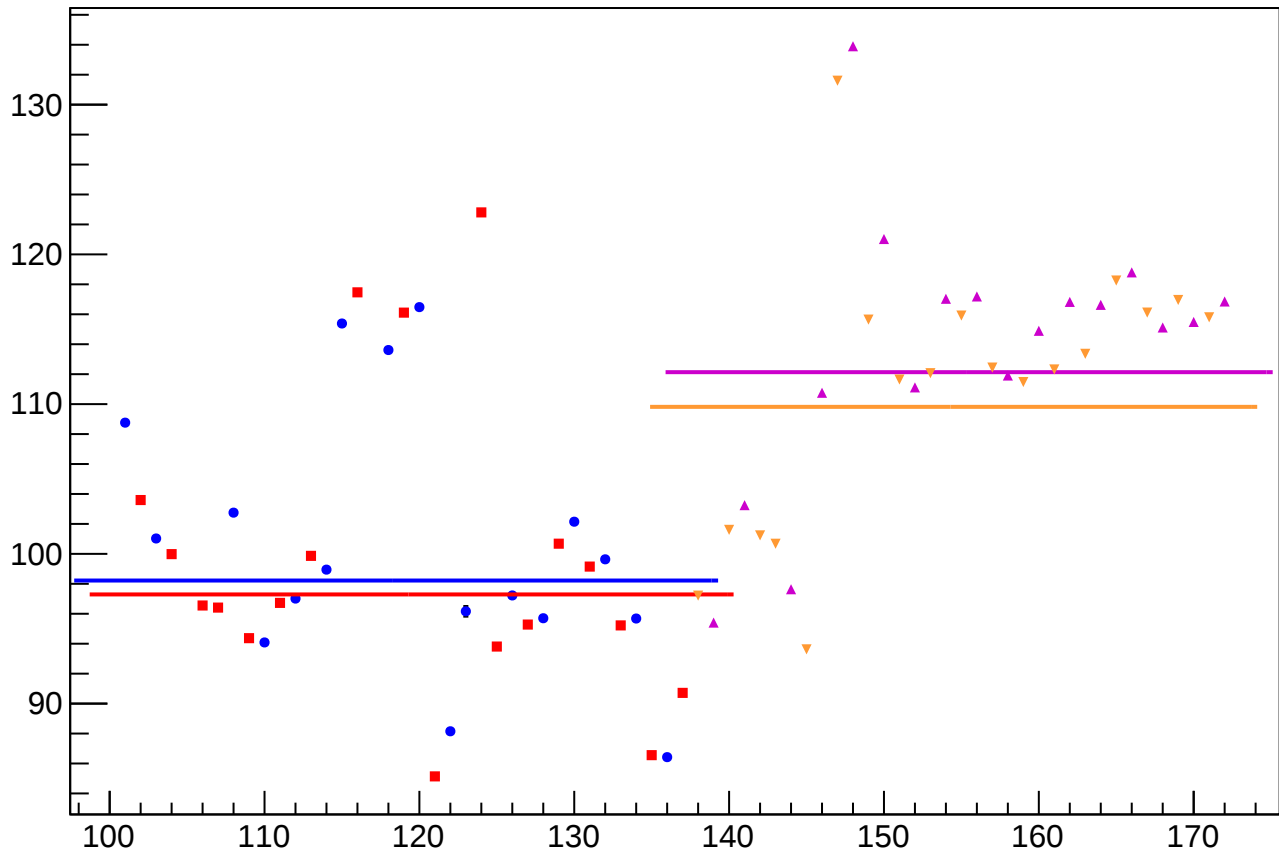


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -156.930 ± 29.833 $\chi^2/\text{NDF}: 18.5/17$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -185.712 ± 30.765 $\chi^2/\text{NDF}: 14.7/16$

Left: -170.878 ± 21.417 $\chi^2/\text{NDF}: 33.6/34$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -106.452 ± 23.915 $\chi^2/\text{NDF}: 45.7/33$
 Out: -108.650 ± 23.156 $\chi^2/\text{NDF}: 39.6/35$

All: -107.587 ± 16.636 $\chi^2/\text{NDF}: 85.2/69$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 109.818 $\pm$ 0.021 χ^2 /NDF: 176651.0/17

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 112.134 $\pm$ 0.022 χ^2 /NDF: 171229.8/16

Left: 110.940 $\pm$ 0.015 χ^2 /NDF: 353723.2/34

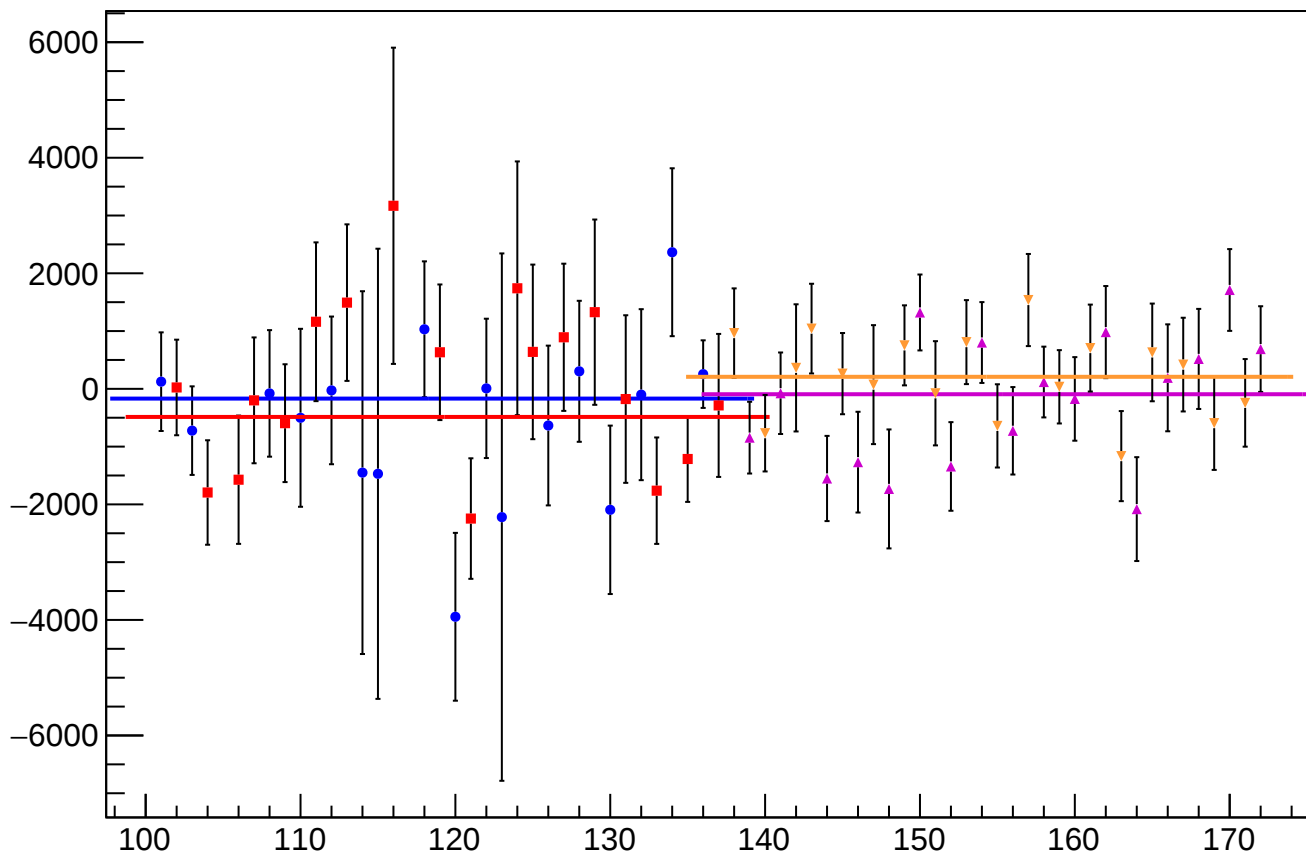
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 106.627 $\pm$ 0.017 χ^2 /NDF: 433653.3/33

Out: 104.838 $\pm$ 0.016 χ^2 /NDF: 413056.5/35

All: 105.704 $\pm$ 0.012 χ^2 /NDF: 852489.1/69

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: 208.250 ± 182.013 $\chi^2/\text{NDF}: 15.2/17$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -93.341 ± 181.944 $\chi^2/\text{NDF}: 34.4/16$

Left: 57.397 ± 128.678 $\chi^2/\text{NDF}: 50.9/34$

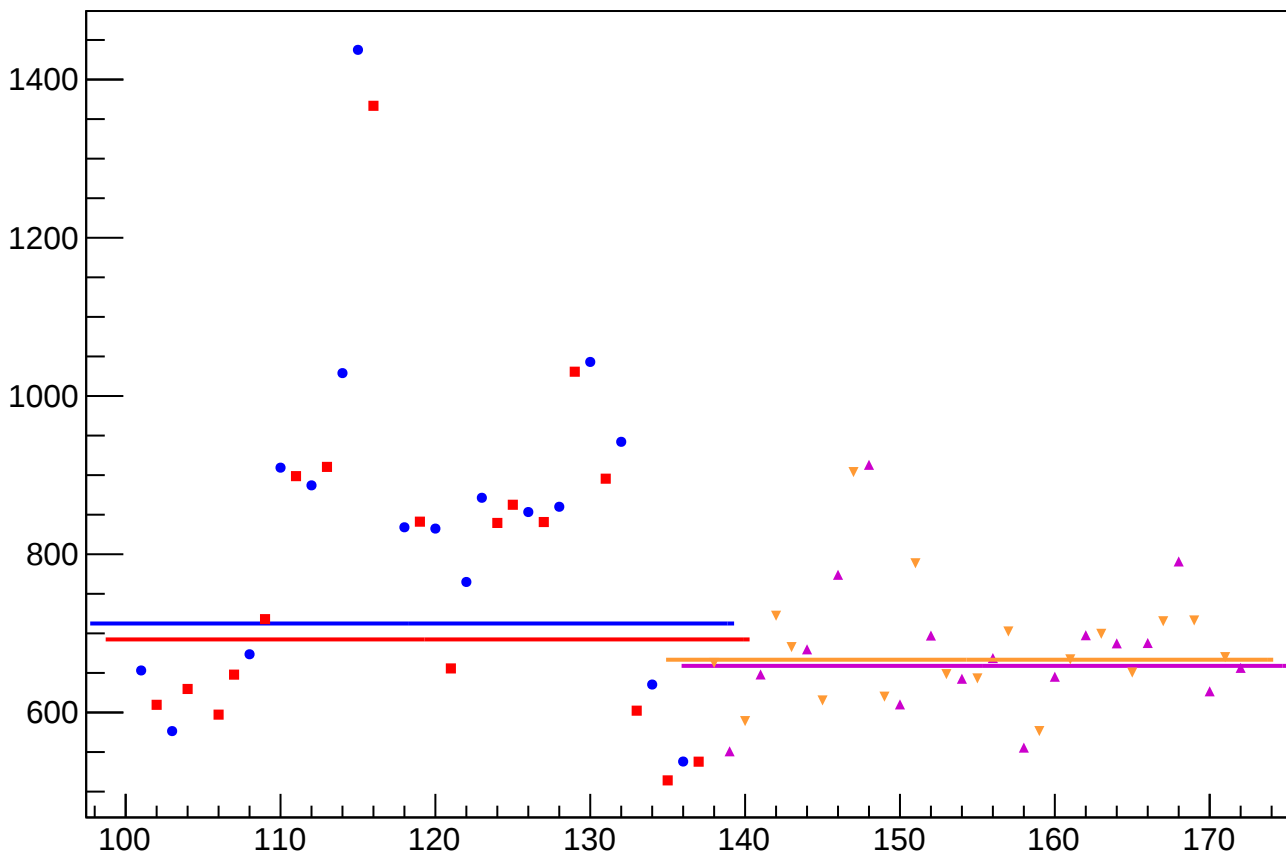
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -115.501 ± 152.913 $\chi^2/\text{NDF}: 49.0/33$

Out: -10.981 ± 150.573 $\chi^2/\text{NDF}: 39.4/35$

All: -62.435 ± 107.289 $\chi^2/\text{NDF}: 88.6/69$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 666.698 $\pm$ 0.129 χ^2 /NDF: 262706.8/17

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 658.918 $\pm$ 0.129 χ^2 /NDF: 353508.1/16

Left: 662.806 $\pm$ 0.091 χ^2 /NDF: 618042.8/34

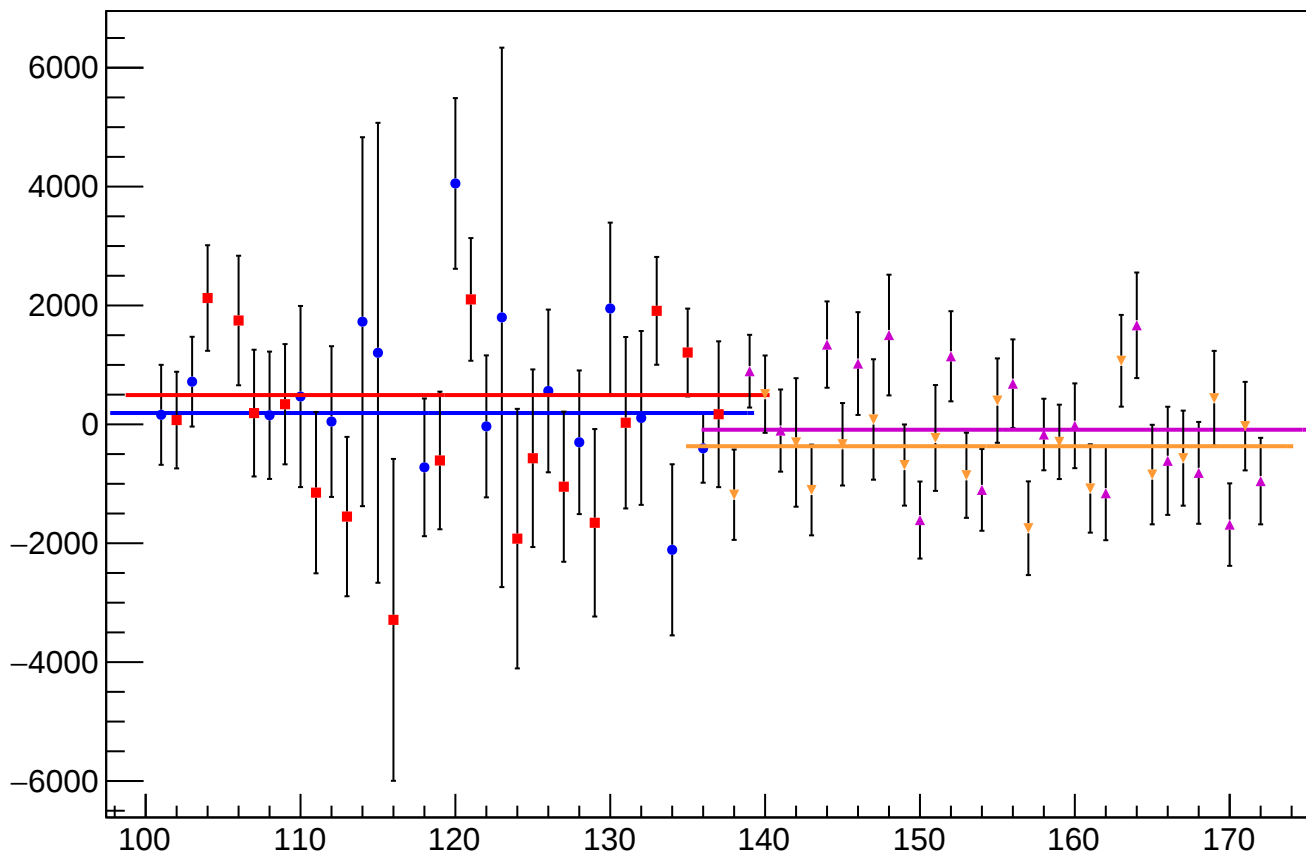
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 674.645 $\pm$ 0.108 χ^2 /NDF: 1064921.0/33

Out: 674.792 $\pm$ 0.106 χ^2 /NDF: 932191.3/35

All: 674.720 $\pm$ 0.076 χ^2 /NDF: 1997113.2/69

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -367.894 $\pm$ 179.360 χ^2/NDF :15.1/17

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -90.316 $\pm$ 179.219 χ^2/NDF :35.5/16

Left: -228.996 $\pm$ 126.777 χ^2/NDF : 51.8/34

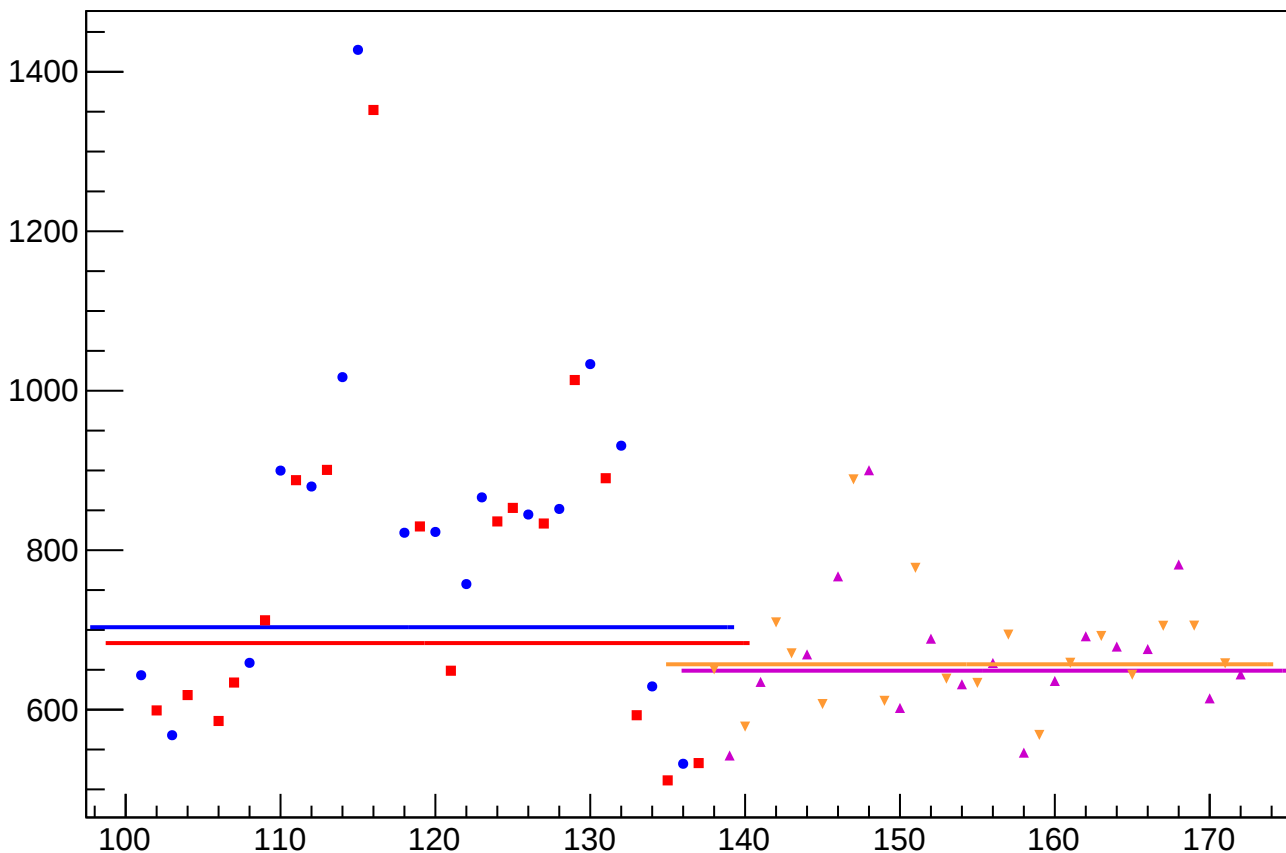
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: -8.041 $\pm$ 150.737 χ^2/NDF :50.4/33

Out: -96.971 $\pm$ 148.471 χ^2/NDF :45.1/35

All: -53.180 $\pm$ 105.777 χ^2/NDF : 95.7/69

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 ± 0.197 χ^2/NDF : 666885.8/16

Left Out: 656.891 ± 0.127 χ^2/NDF : 262991.7/17

Right Out: 683.493 ± 0.187 χ^2/NDF : 659356.0/17

Left In: 648.864 ± 0.127 χ^2/NDF : 363013.4/16

Left: 652.874 ± 0.090 χ^2/NDF : 628009.8/34

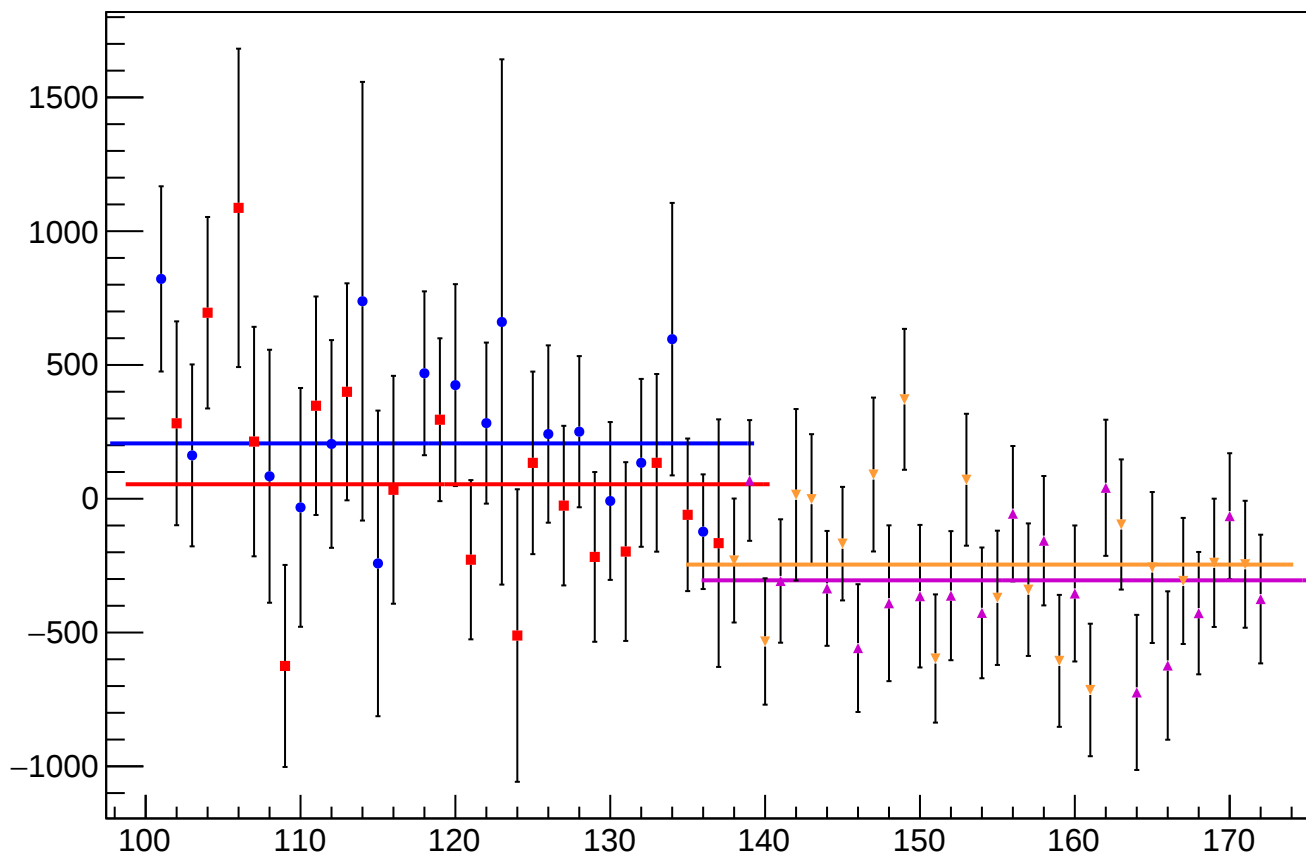
Right: 692.935 ± 0.136 χ^2/NDF : 1331611.8/34

In: 664.822 ± 0.107 χ^2/NDF : 1084098.2/33

Out: 665.265 ± 0.105 χ^2/NDF : 936196.3/35

All: 665.047 ± 0.075 χ^2/NDF : 2020303.2/69

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -246.013 ± 58.375 χ^2/NDF : 20.5/17

Right Out: 54.185 ± 85.192 χ^2/NDF : 15.7/17

Left In: -304.910 ± 59.699 χ^2/NDF : 12.4/16

Left: -274.801 ± 41.738 χ^2/NDF : 33.4/34

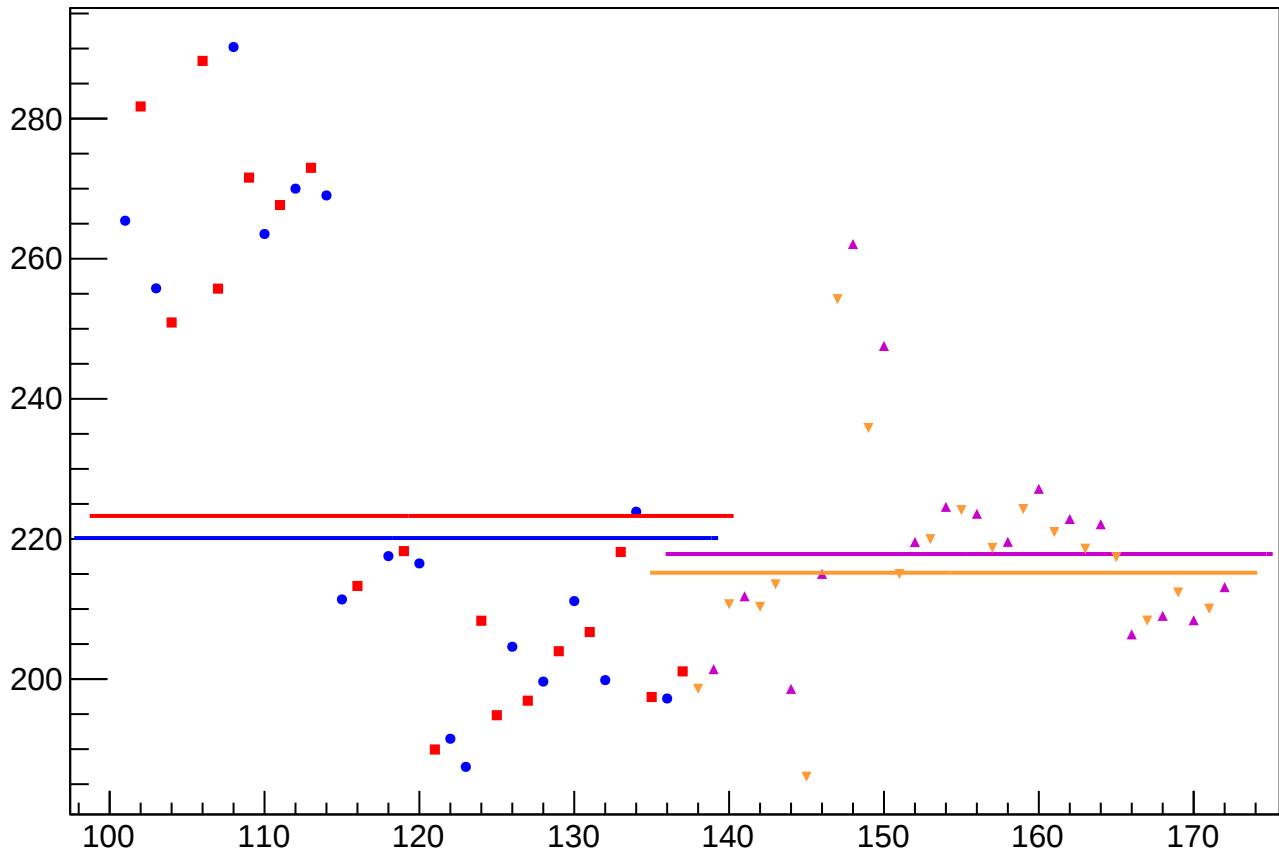
Right: 130.137 ± 60.395 χ^2/NDF : 26.8/34

In: -137.523 ± 48.972 χ^2/NDF : 45.9/33

Out: -150.098 ± 48.155 χ^2/NDF : 44.6/35

All: -143.917 ± 34.336 χ^2/NDF : 90.6/69

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 215.180+/-0.041 χ^2/NDF :109294.8/17

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 217.853+/-0.042 χ^2/NDF :116433.3/16

Left: 216.487+/-0.030 χ^2/NDF : 227778.7/34

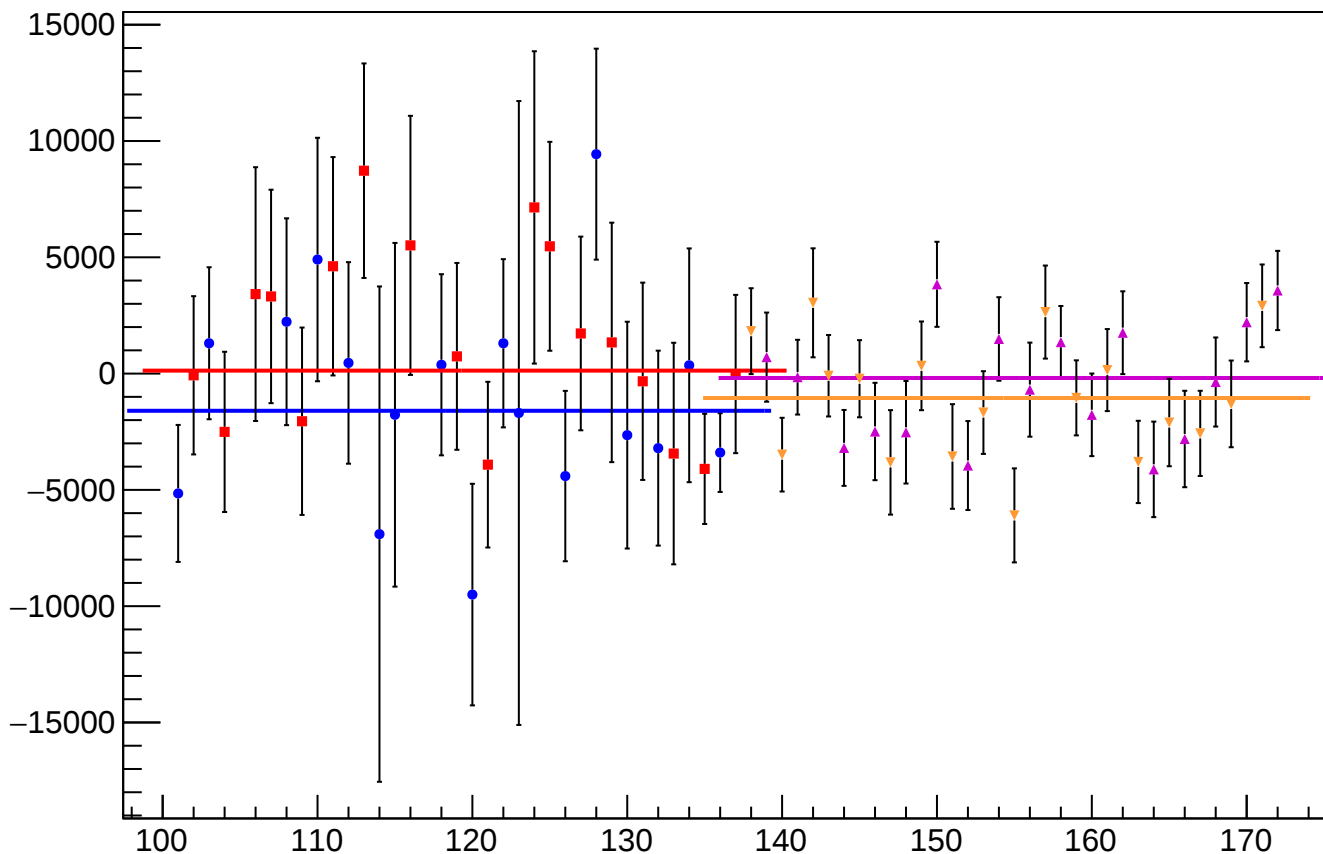
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 218.599+/-0.035 χ^2/NDF :345830.9/33

Out: 217.770+/-0.034 χ^2/NDF :393876.6/35

All: 218.178+/-0.024 χ^2/NDF : 739998.6/69

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1050.368 $\pm$ 436.182 χ^2 /NDF:30.3/17

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -188.754 $\pm$ 443.511 χ^2 /NDF:30.8/16

Left: -626.739 $\pm$ 310.986 χ^2 /NDF: 63.0/34

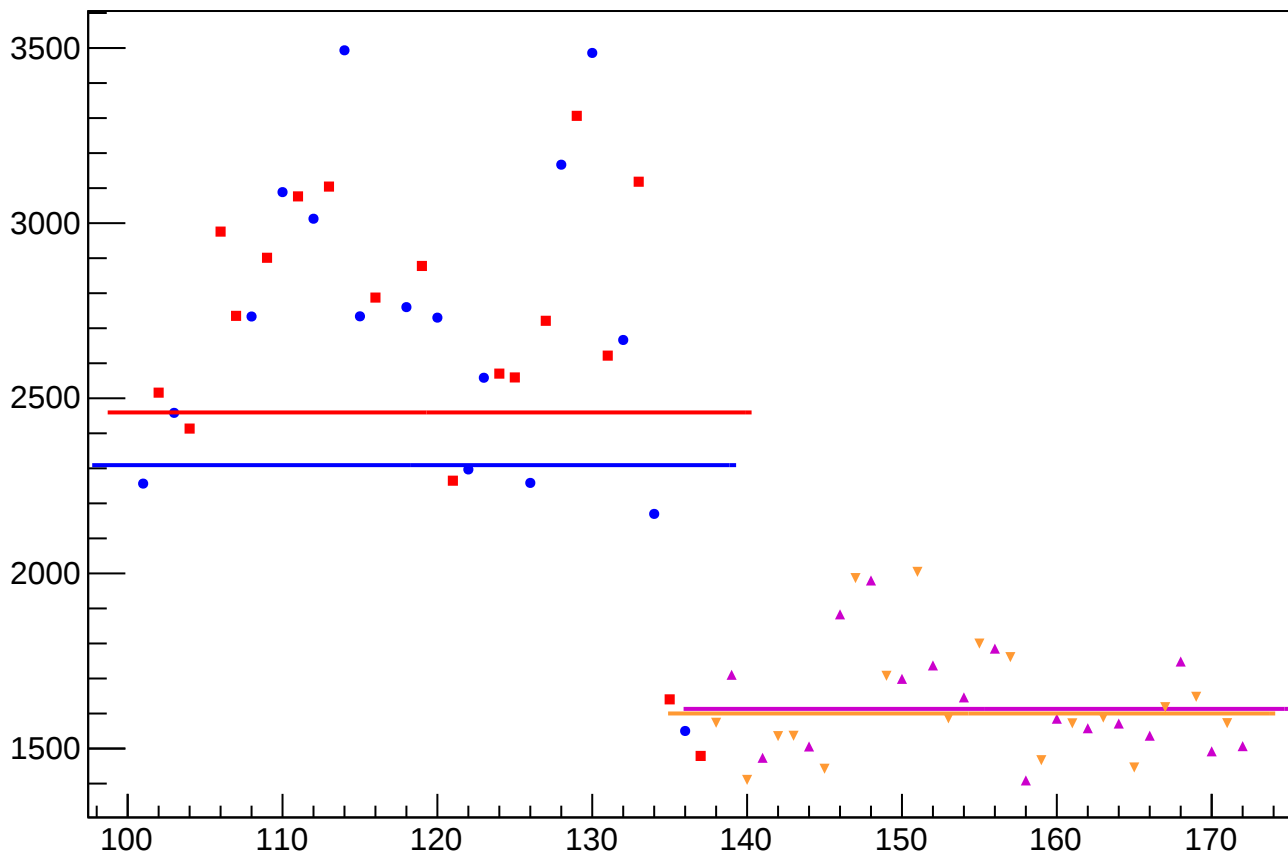
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -454.210 $\pm$ 399.596 χ^2 /NDF:49.3/33

Out: -844.926 $\pm$ 396.330 χ^2 /NDF:46.4/35

All: -651.171 $\pm$ 281.396 χ^2 /NDF: 96.2/69

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1600.140 $\pm$ 0.308 χ^2 /NDF: 243798.5/17

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1613.249 $\pm$ 0.314 χ^2 /NDF: 214194.1/16

Left: 1606.585 $\pm$ 0.220 χ^2 /NDF: 458880.7/34

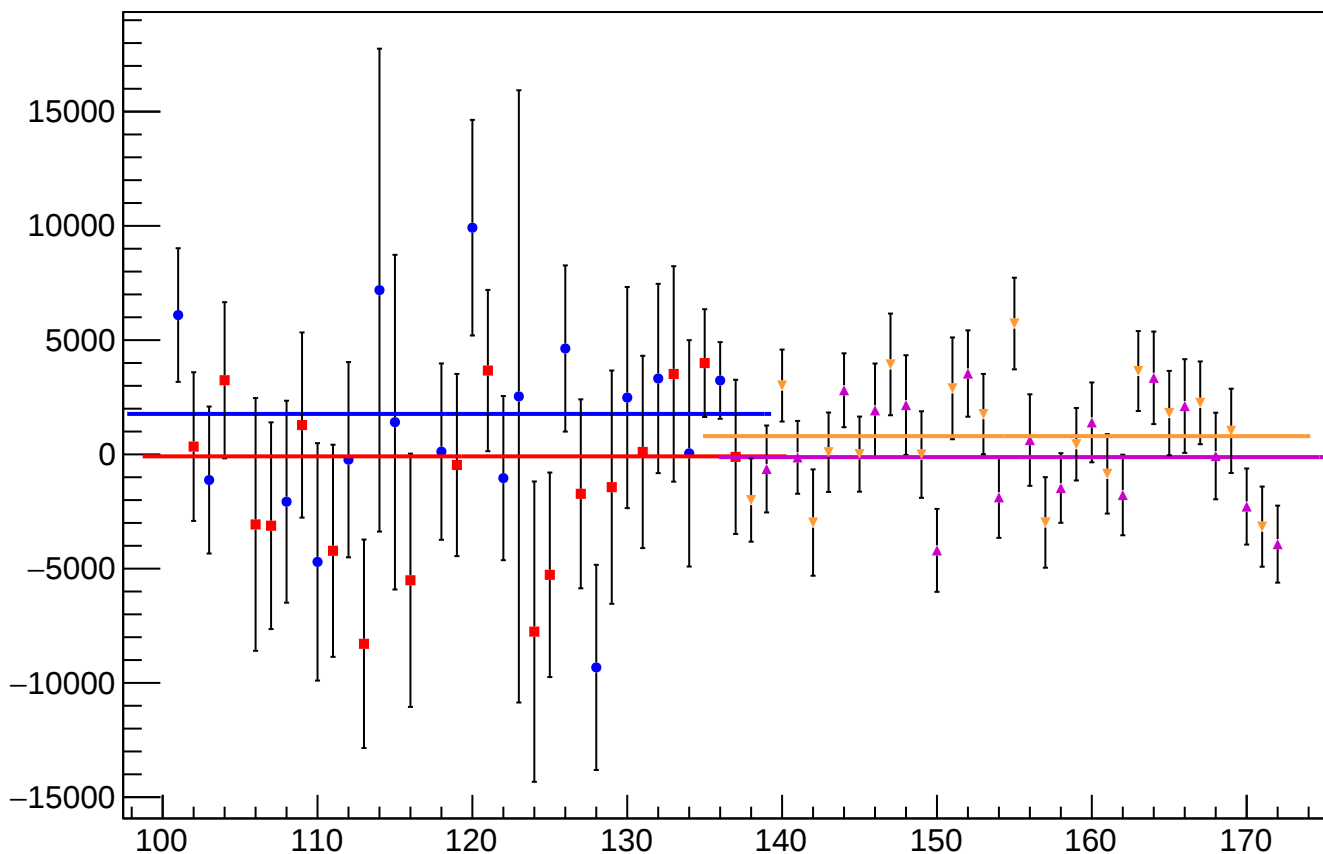
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1744.234 $\pm$ 0.283 χ^2 /NDF: 1941703.9/33

Out: 1750.013 $\pm$ 0.280 χ^2 /NDF: 2266065.0/35

All: 1747.147 $\pm$ 0.199 χ^2 /NDF: 4207979.8/69

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 798.215+/-431.420 χ^2/NDF : 30.1/17

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -118.696+/-438.304 χ^2/NDF : 28.7/16

Left: 347.016+/-307.465 χ^2/NDF : 61.0/34

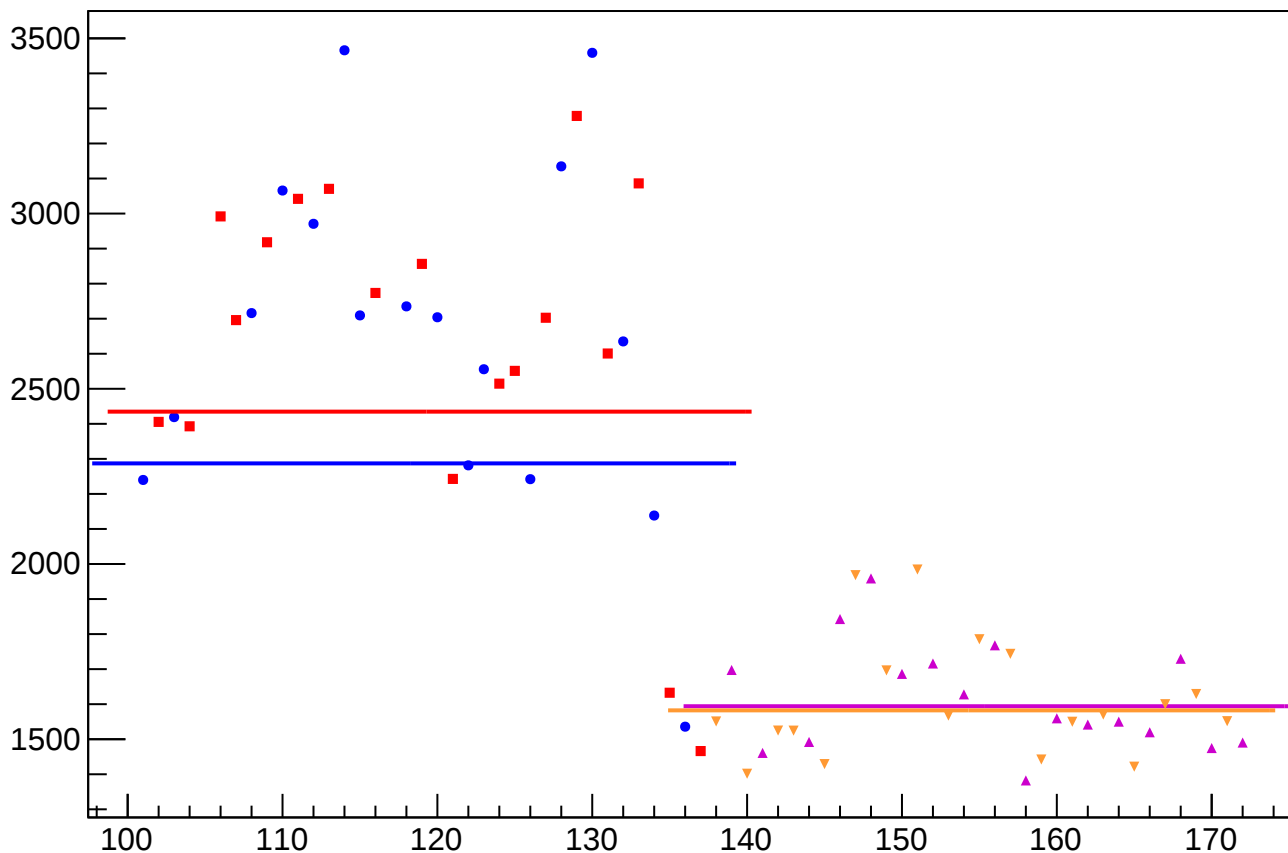
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 235.721+/-395.076 χ^2/NDF : 49.5/33

Out: 644.315+/-392.085 χ^2/NDF : 45.3/35

All: 441.570+/-278.297 χ^2/NDF : 95.3/69

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1582.348+/-0.305 χ^2/NDF : 247849.0/17

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1594.135+/-0.310 χ^2/NDF : 215418.3/16

Left: 1588.148+/-0.217 χ^2/NDF : 464002.0/34

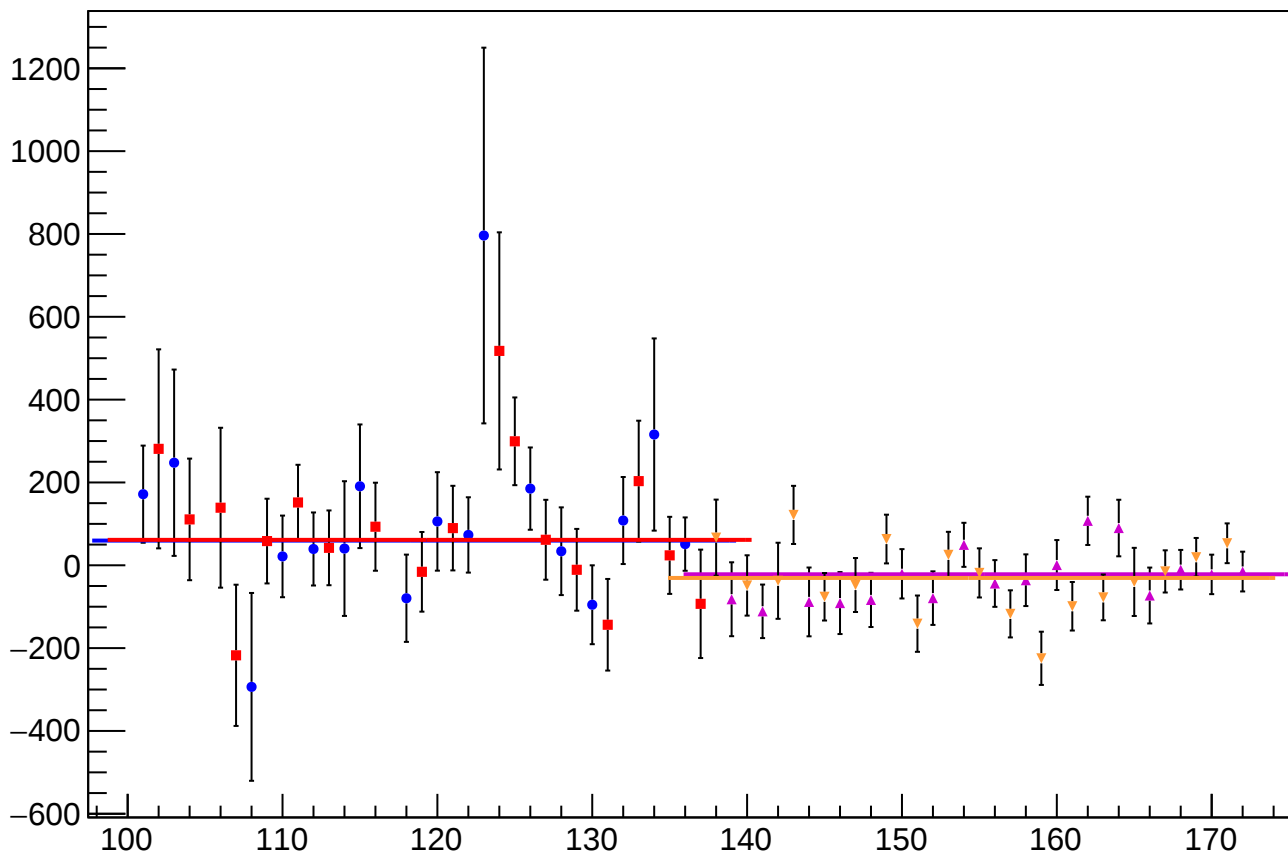
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1724.084+/-0.279 χ^2/NDF : 1952299.2/33

Out: 1730.704+/-0.277 χ^2/NDF : 2273717.5/35

All: 1727.419+/-0.197 χ^2/NDF : 4226299.6/69

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -30.556 $\pm$ 14.317 χ^2 /NDF:30.7/17

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -21.743 $\pm$ 14.613 χ^2 /NDF:15.9/16

Left: -26.240 $\pm$ 10.227 χ^2 /NDF: 46.8/34

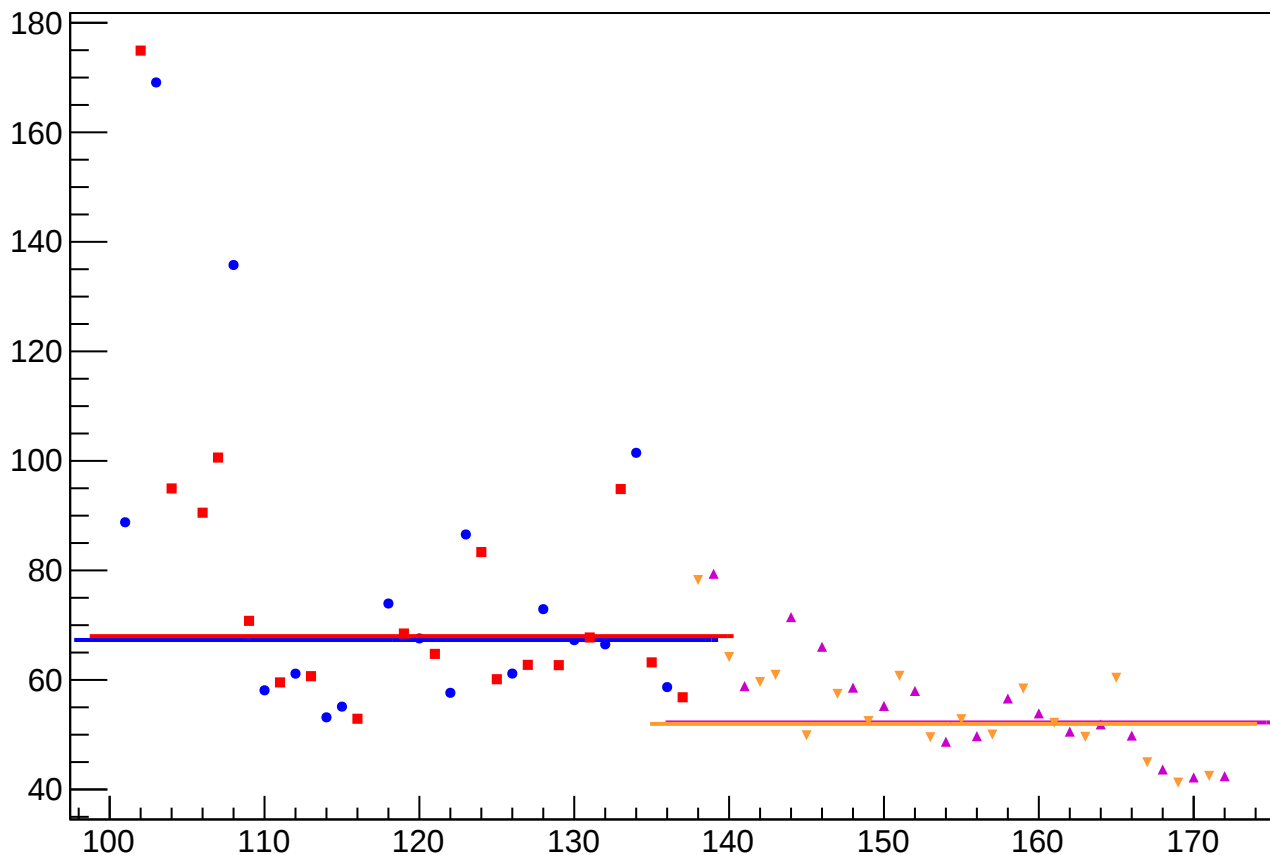
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -3.386 $\pm$ 12.860 χ^2 /NDF:38.3/33

Out: -10.388 $\pm$ 12.650 χ^2 /NDF:59.4/35

All: -6.945 $\pm$ 9.018 χ^2 /NDF: 97.8/69

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: 51.977 $\pm$ 0.010 χ^2/NDF : 590324.2/17

Right Out: 67.998 $\pm$ 0.019 χ^2/NDF : 754329.7/17

Left In: 52.234 $\pm$ 0.010 χ^2/NDF : 686749.3/16

Left: 52.103 $\pm$ 0.007 χ^2/NDF : 1277389.6/34

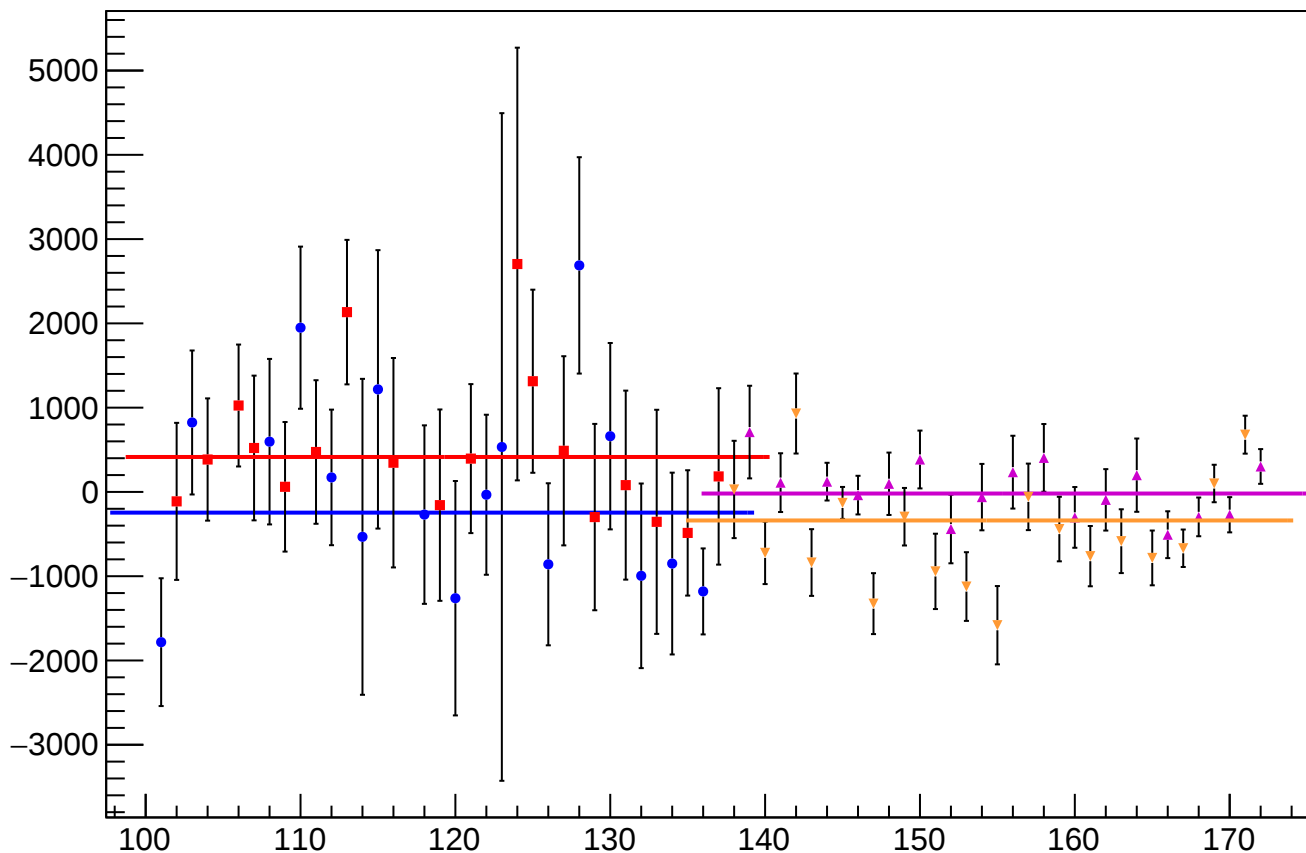
Right: 67.648 $\pm$ 0.014 χ^2/NDF : 1596354.2/34

In: 55.631 $\pm$ 0.009 χ^2/NDF : 2007370.6/33

Out: 55.491 $\pm$ 0.009 χ^2/NDF : 1893988.1/35

All: 55.560 $\pm$ 0.006 χ^2/NDF : 3901479.7/69

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: -338.519 $\pm$ 74.853 χ^2 /NDF:62.4/17

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: -18.971 $\pm$ 72.702 χ^2 /NDF:15.7/16

Left: -174.089 $\pm$ 52.152 χ^2 /NDF: 87.4/34

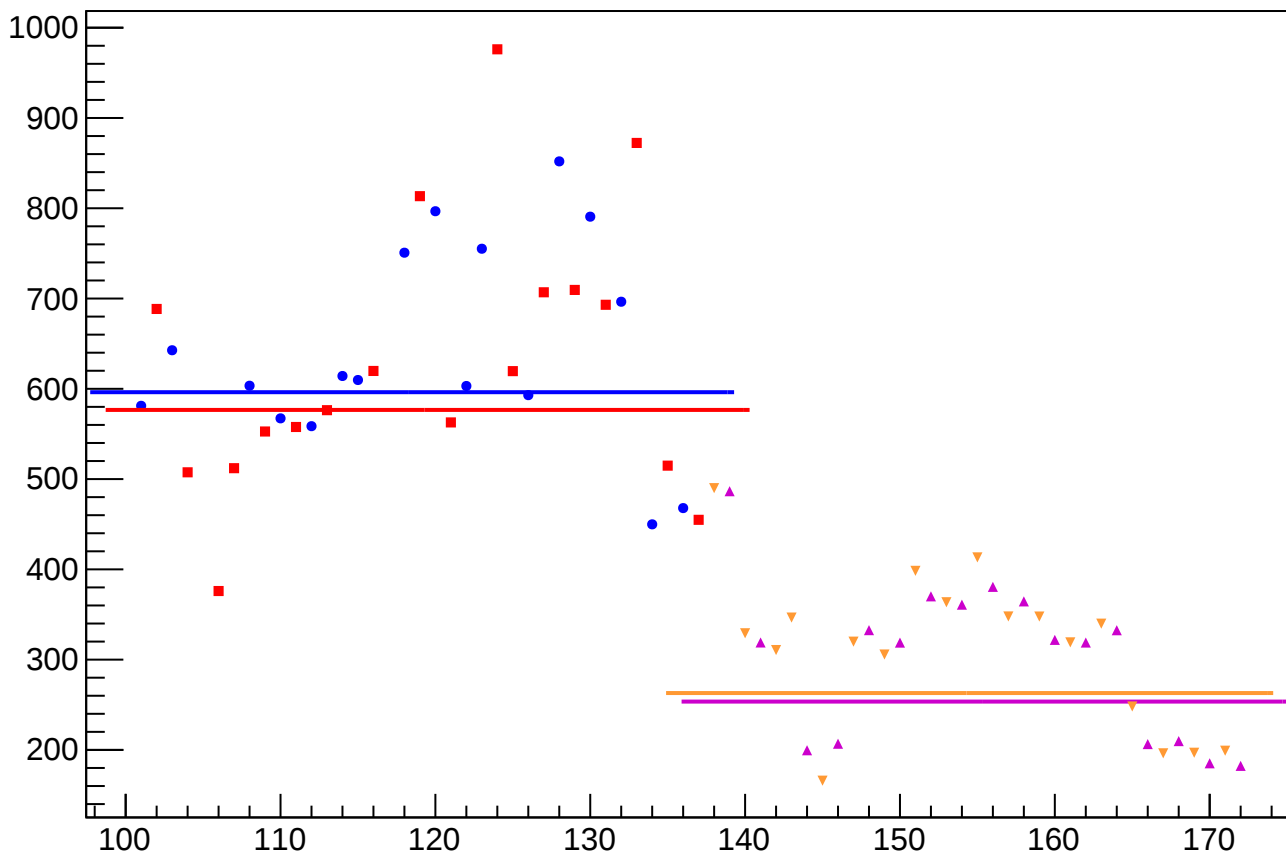
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -38.708 $\pm$ 69.465 χ^2 /NDF:40.3/33

Out: -262.114 $\pm$ 70.955 χ^2 /NDF:82.0/35

All: -148.040 $\pm$ 49.638 χ^2 /NDF: 127.4/69

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 262.994+/-0.053 χ^2/NDF : 2445788.7/17

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 253.529+/-0.051 χ^2/NDF : 2216230.6/16

Left: 258.124+/-0.037 χ^2/NDF : 4678475.0/34

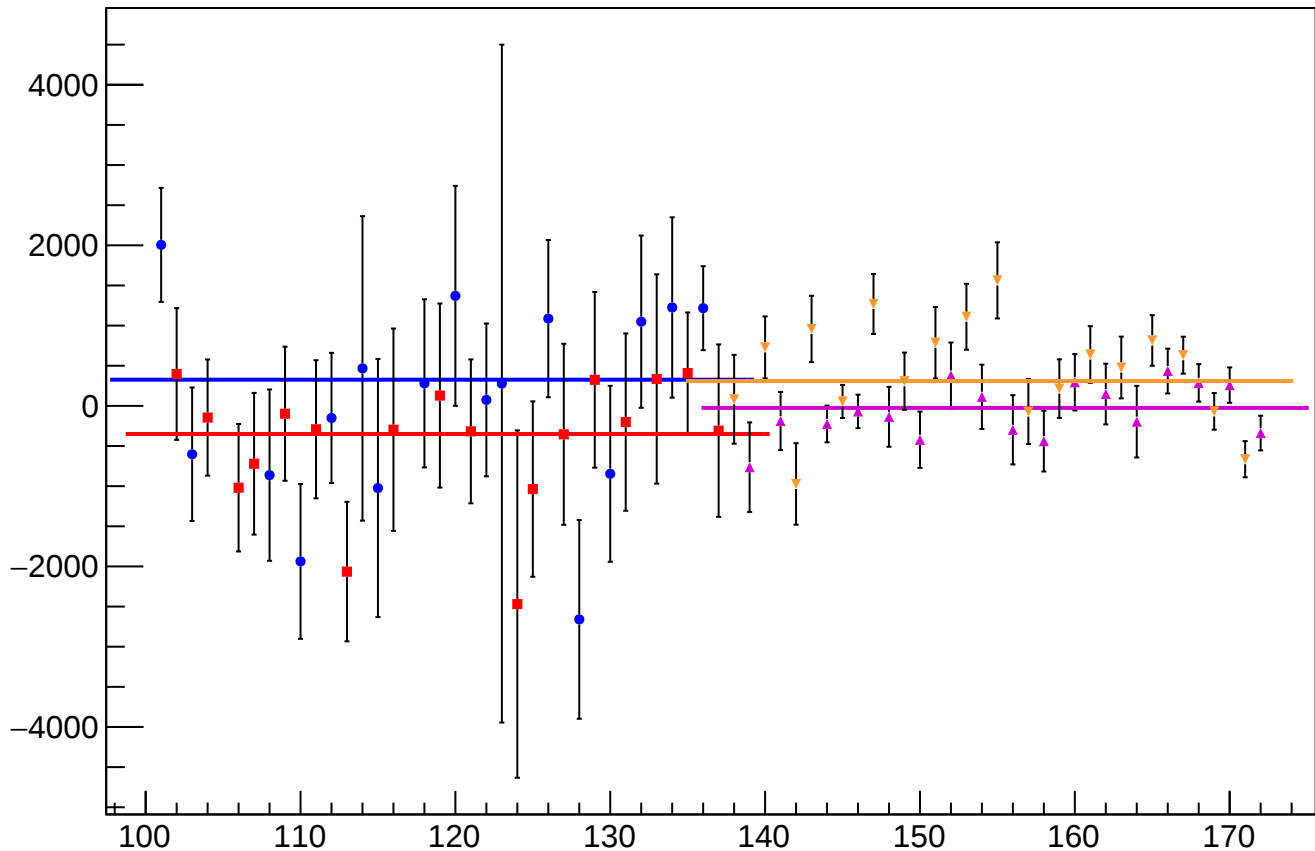
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 283.372+/-0.049 χ^2/NDF : 6508348.3/33

Out: 294.806+/-0.050 χ^2/NDF : 6580705.9/35

All: 288.967+/-0.035 χ^2/NDF : 13115573.9/69

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 309.323 $\pm$ 76.655 χ^2 /NDF:58.3/17

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -24.619 $\pm$ 73.283 χ^2 /NDF:16.3/16

Left: 134.847 $\pm$ 52.971 χ^2 /NDF: 84.4/34

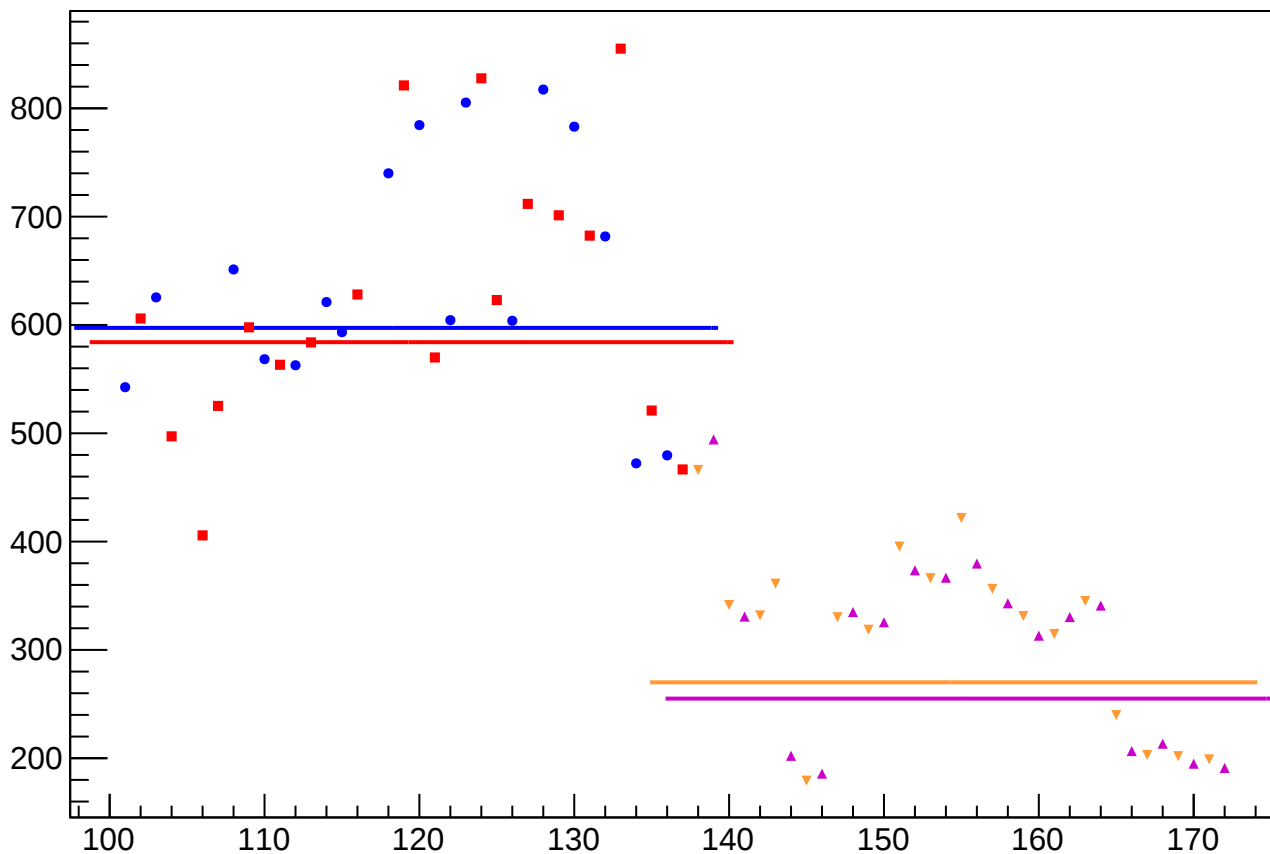
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: 6.318 $\pm$ 69.976 χ^2 /NDF:45.1/33

Out: 240.854 $\pm$ 72.568 χ^2 /NDF:75.0/35

All: 119.324 $\pm$ 50.372 χ^2 /NDF: 125.5/69

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 270.074 $\pm$ 0.054 χ^2 /NDF:2220135.7/17

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 255.047 $\pm$ 0.052 χ^2 /NDF:2209098.5/16

Left: 262.223 $\pm$ 0.037 χ^2 /NDF: 4469388.3/34

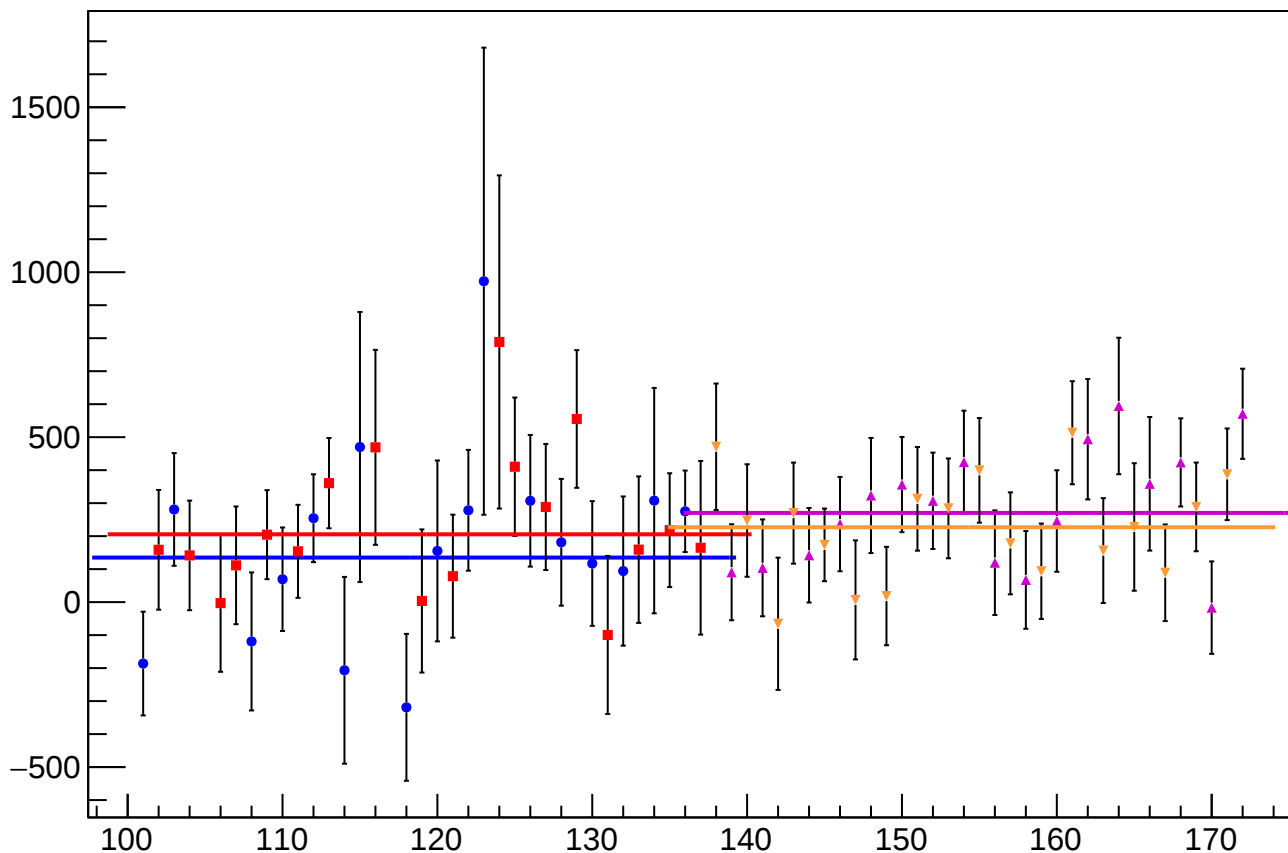
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 285.240 $\pm$ 0.049 χ^2 /NDF:6420998.7/33

Out: 302.667 $\pm$ 0.051 χ^2 /NDF:6150882.2/35

All: 293.636 $\pm$ 0.036 χ^2 /NDF: 12631647.5/69

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 226.986 ± 36.222 $\chi^2/\text{NDF}: 16.1/17$

Right Out: 205.590 ± 44.536 $\chi^2/\text{NDF}: 12.0/17$

Left In: 270.389 ± 37.107 $\chi^2/\text{NDF}: 22.5/16$

Left: 248.163 ± 25.920 $\chi^2/\text{NDF}: 39.3/34$

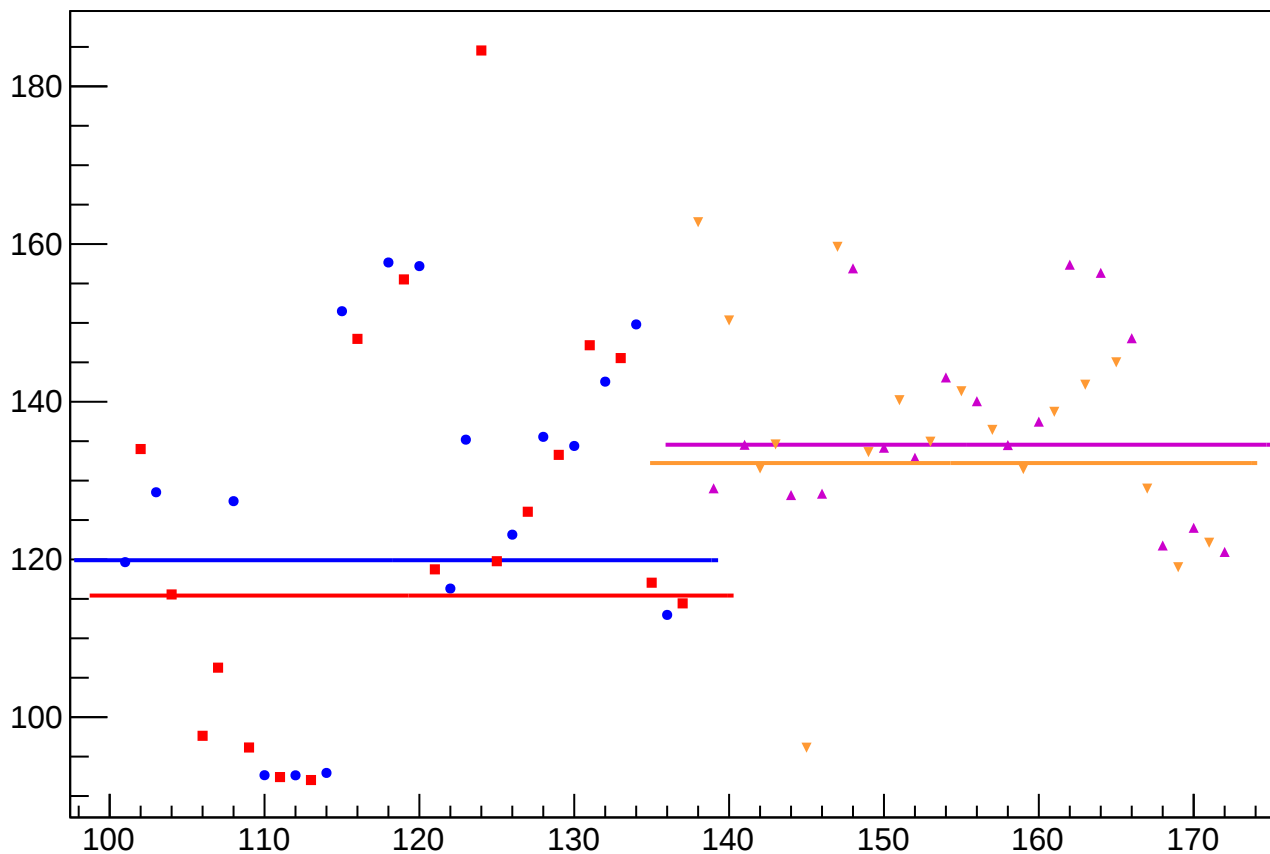
Right: 172.226 ± 32.336 $\chi^2/\text{NDF}: 31.3/34$

In: 218.446 ± 29.130 $\chi^2/\text{NDF}: 45.6/33$

Out: 218.468 ± 28.101 $\chi^2/\text{NDF}: 28.3/35$

All: 218.457 ± 20.224 $\chi^2/\text{NDF}: 73.9/69$

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: 132.226 $\pm$ 0.026 χ^2 /NDF: 400142.2/17

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 134.552 $\pm$ 0.026 χ^2 /NDF: 164737.0/16

Left: 133.361 $\pm$ 0.018 χ^2 /NDF: 568900.7/34

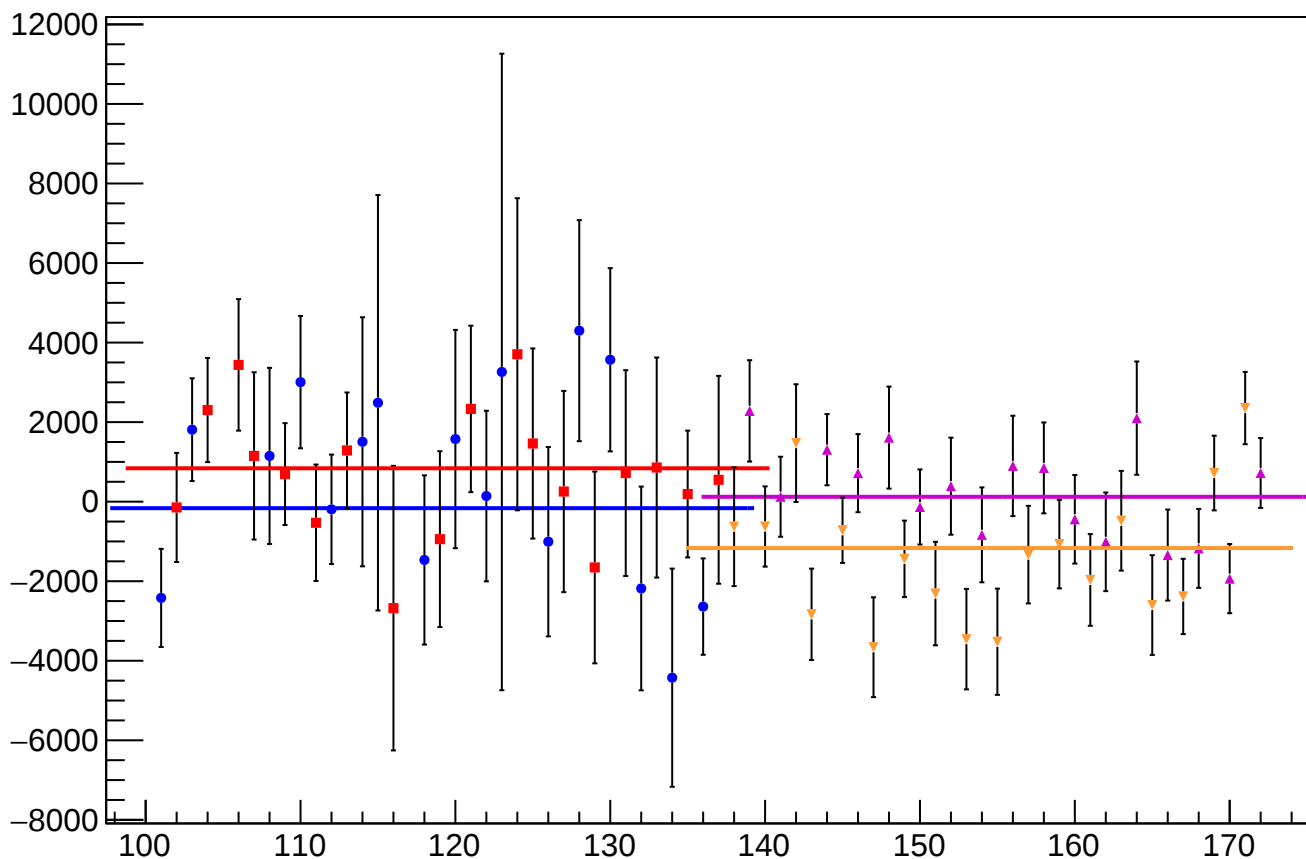
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 128.931 $\pm$ 0.021 χ^2 /NDF: 629844.1/33

Out: 125.536 $\pm$ 0.020 χ^2 /NDF: 989623.2/35

All: 127.172 $\pm$ 0.014 χ^2 /NDF: 1633533.8/69

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1165.859 ± 261.861 $\chi^2/\text{NDF}: 40.0/17$

Right Out: 839.187 ± 440.476 $\chi^2/\text{NDF}: 9.3/17$

Left In: 122.592 ± 260.472 $\chi^2/\text{NDF}: 20.3/16$

Left: -518.207 ± 184.671 $\chi^2/\text{NDF}: 72.5/34$

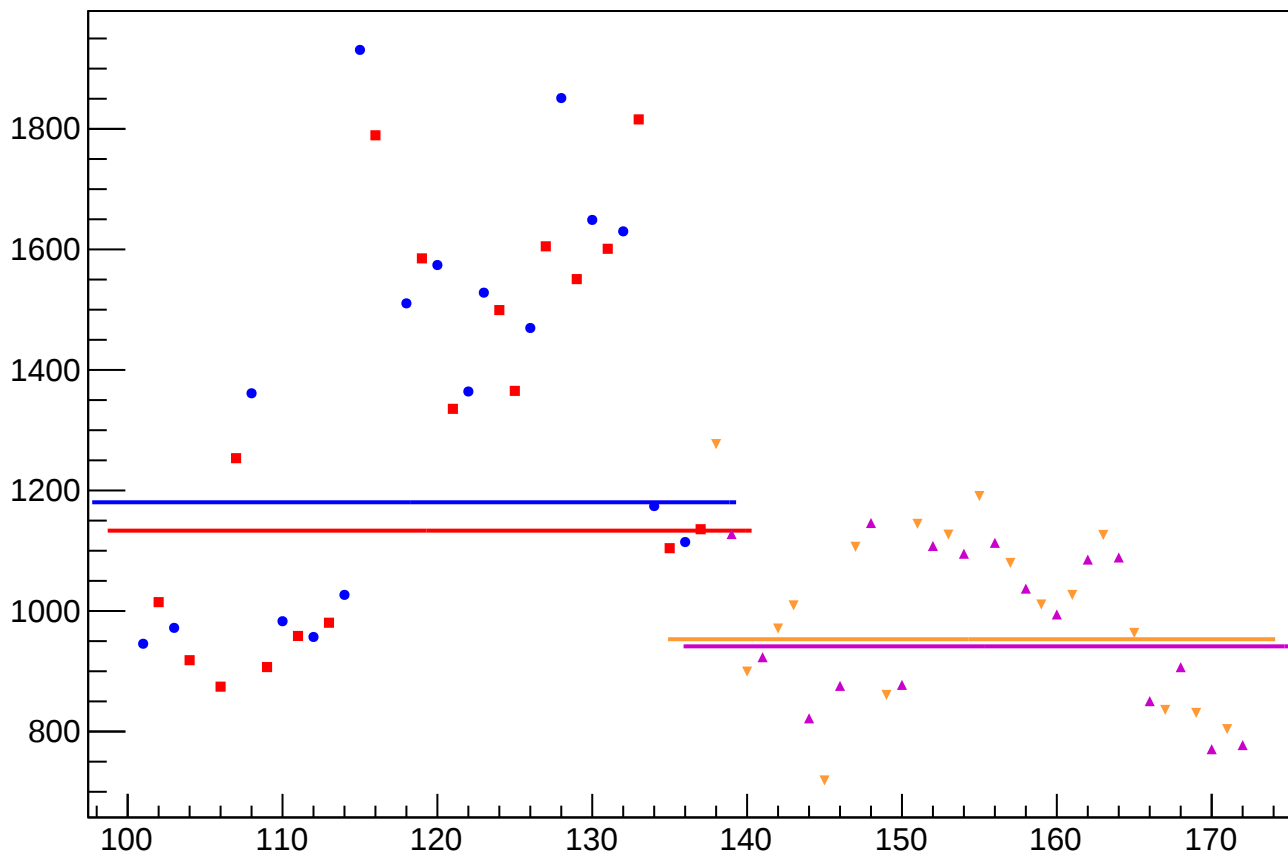
Right: 369.872 ± 321.264 $\chi^2/\text{NDF}: 35.4/34$

In: 55.272 ± 227.778 $\chi^2/\text{NDF}: 44.3/33$

Out: -642.273 ± 225.089 $\chi^2/\text{NDF}: 64.6/35$

All: -297.643 ± 160.104 $\chi^2/\text{NDF}: 113.6/69$

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 953.181 $\pm$ 0.185 χ^2 /NDF: 652089.8/17

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 941.352 $\pm$ 0.184 χ^2 /NDF: 484384.0/16

Left: 947.235 $\pm$ 0.131 χ^2 /NDF: 1138525.2/34

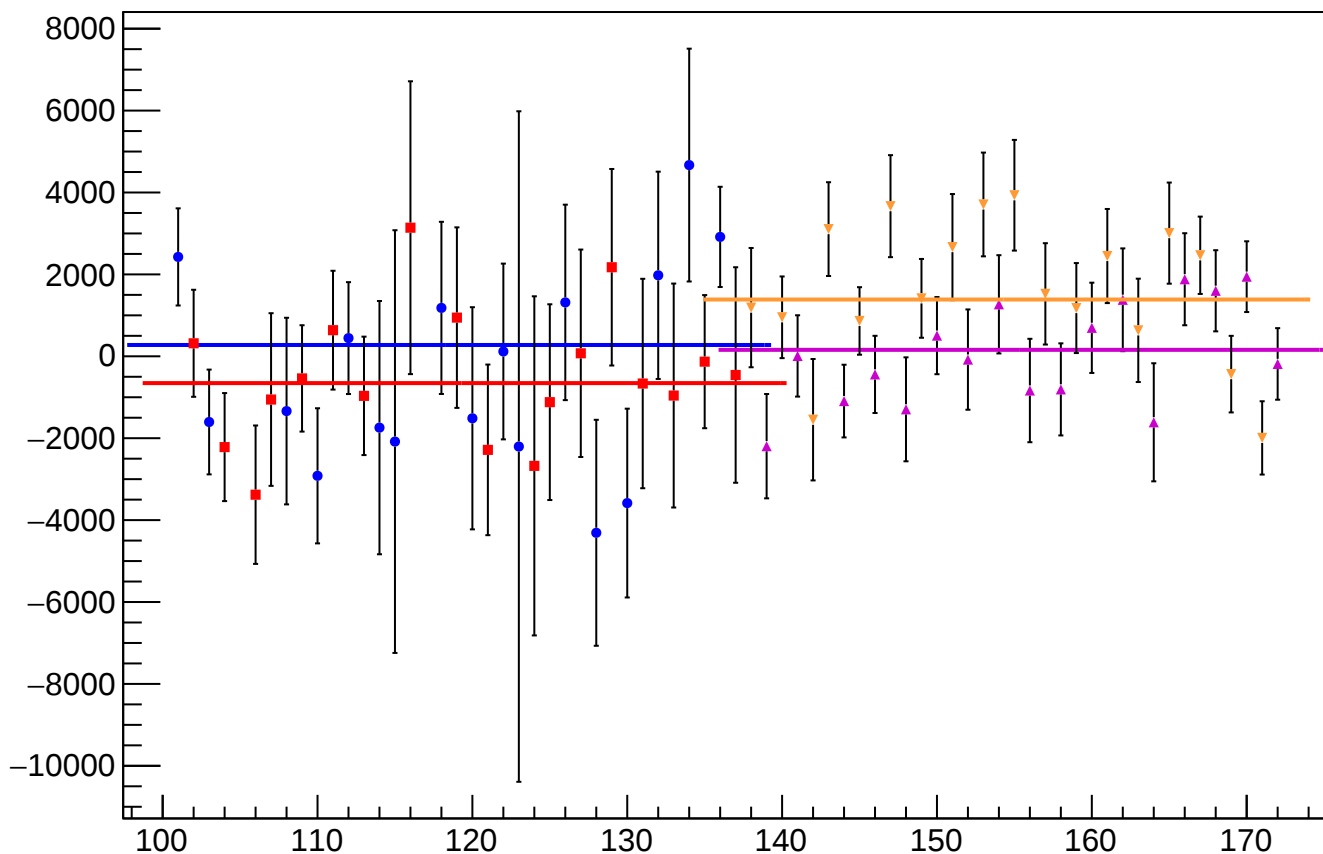
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 997.596 $\pm$ 0.161 χ^2 /NDF: 1549574.4/33

Out: 1000.228 $\pm$ 0.159 χ^2 /NDF: 1659713.6/35

All: 998.928 $\pm$ 0.113 χ^2 /NDF: 3209423.2/69

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1386.700 $\pm$ 260.870 χ^2/NDF :40.4/17

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: 157.672 $\pm$ 258.602 χ^2/NDF :21.1/16

Left: 766.820 $\pm$ 183.656 χ^2/NDF : 72.7/34

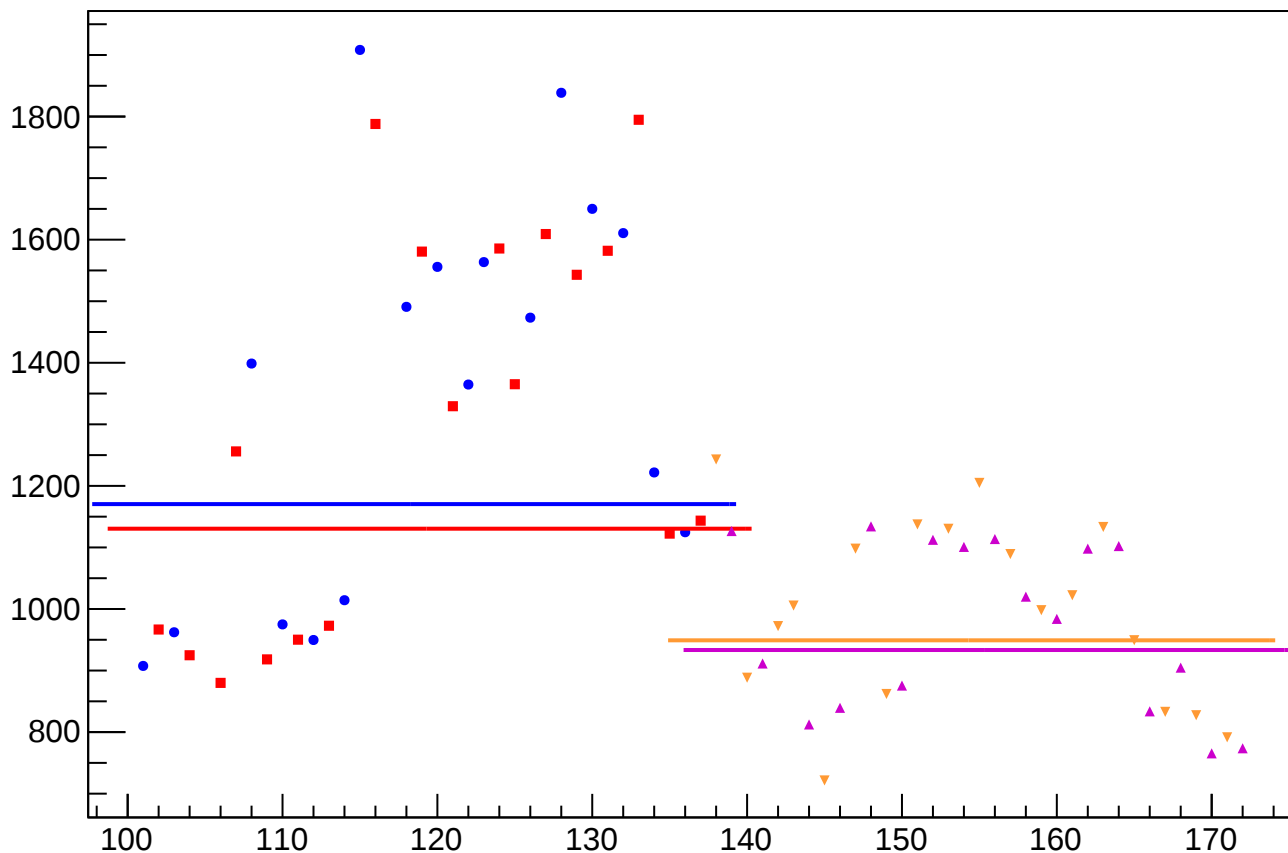
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: 185.592 $\pm$ 226.166 χ^2/NDF :45.5/33

Out: 855.516 $\pm$ 224.372 χ^2/NDF :65.9/35

All: 523.222 $\pm$ 159.286 χ^2/NDF : 115.8/69

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 949.108 $\pm$ 0.184 χ^2 /NDF: 652970.1/17

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 933.371 $\pm$ 0.183 χ^2 /NDF: 521843.8/16

Left: 941.171 $\pm$ 0.130 χ^2 /NDF: 1178484.7/34

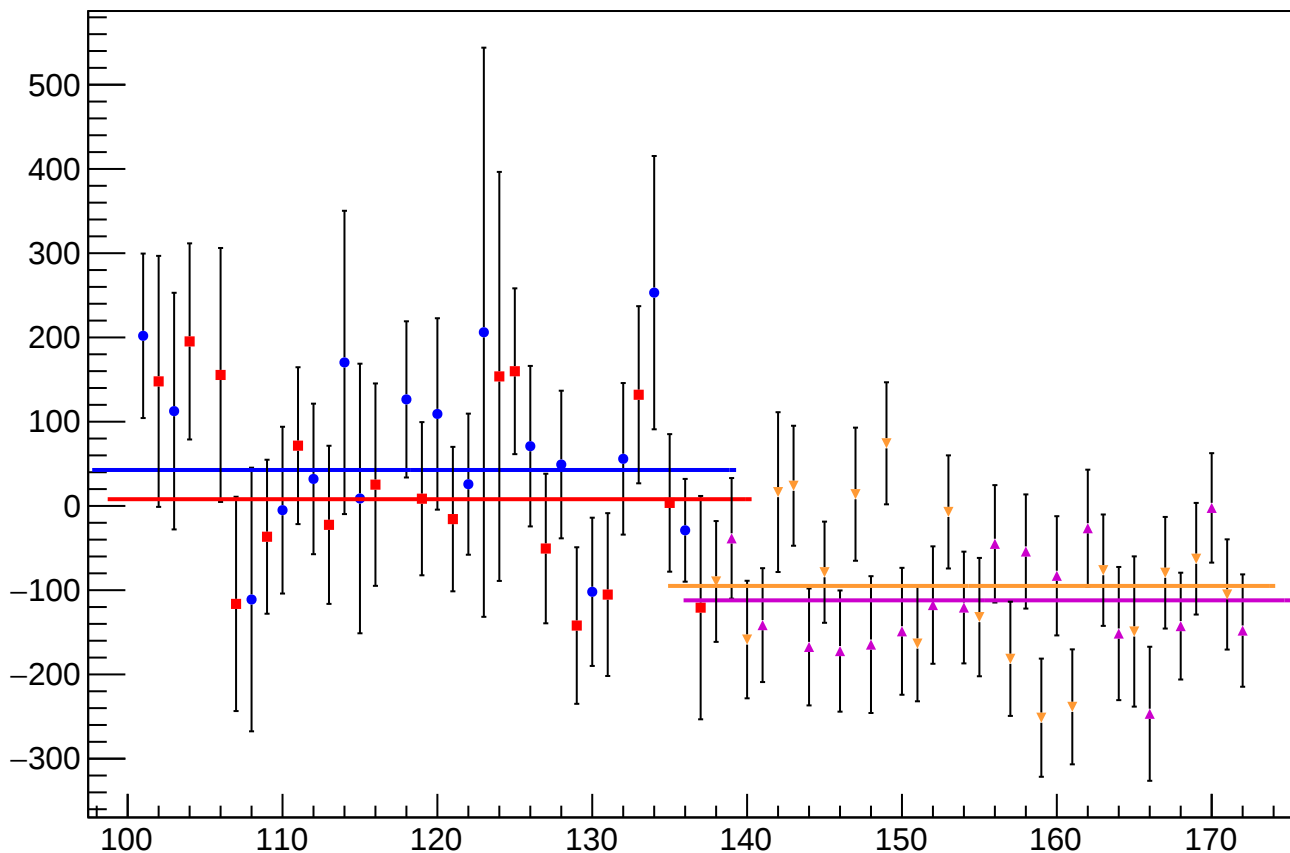
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 989.103 $\pm$ 0.160 χ^2 /NDF: 1622405.1/33

Out: 996.303 $\pm$ 0.159 χ^2 /NDF: 1667527.6/35

All: 992.731 $\pm$ 0.113 χ^2 /NDF: 3290954.3/69

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -94.950 ± 16.545 $\chi^2/\text{NDF}: 27.2/17$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -112.059 ± 17.062 $\chi^2/\text{NDF}: 13.1/16$

Left: -103.241 ± 11.878 $\chi^2/\text{NDF}: 40.8/34$

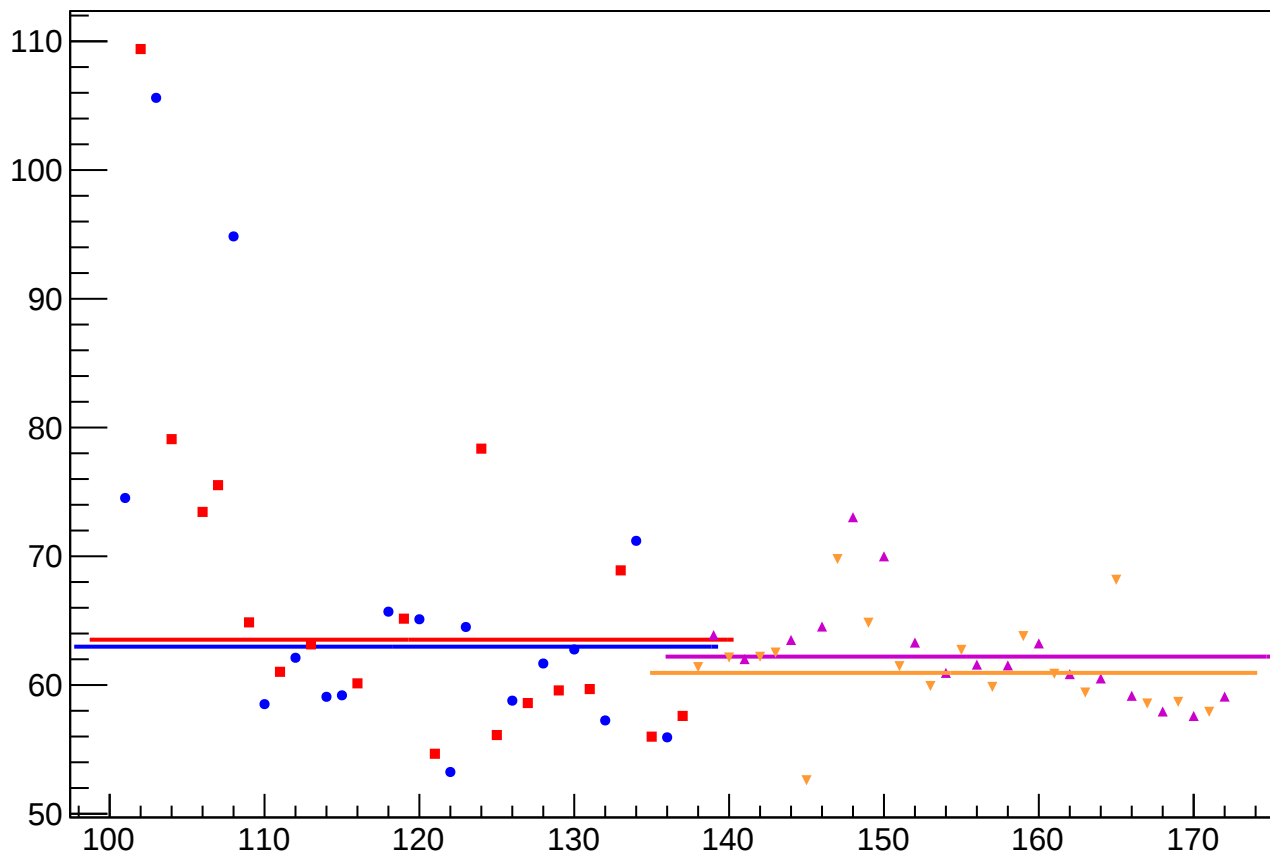
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -62.079 ± 14.038 $\chi^2/\text{NDF}: 51.6/33$

Out: -62.694 ± 13.710 $\chi^2/\text{NDF}: 55.1/35$

All: -62.394 ± 9.808 $\chi^2/\text{NDF}: 106.8/69$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980+/-0.017 χ^2/NDF : 375263.3/16

Left Out: 60.944+/-0.012 χ^2/NDF : 100463.6/17

Right Out: 63.522+/-0.017 χ^2/NDF : 335430.9/17

Left In: 62.208+/-0.012 χ^2/NDF : 90923.7/16

Left: 61.556+/-0.008 χ^2/NDF : 197040.4/34

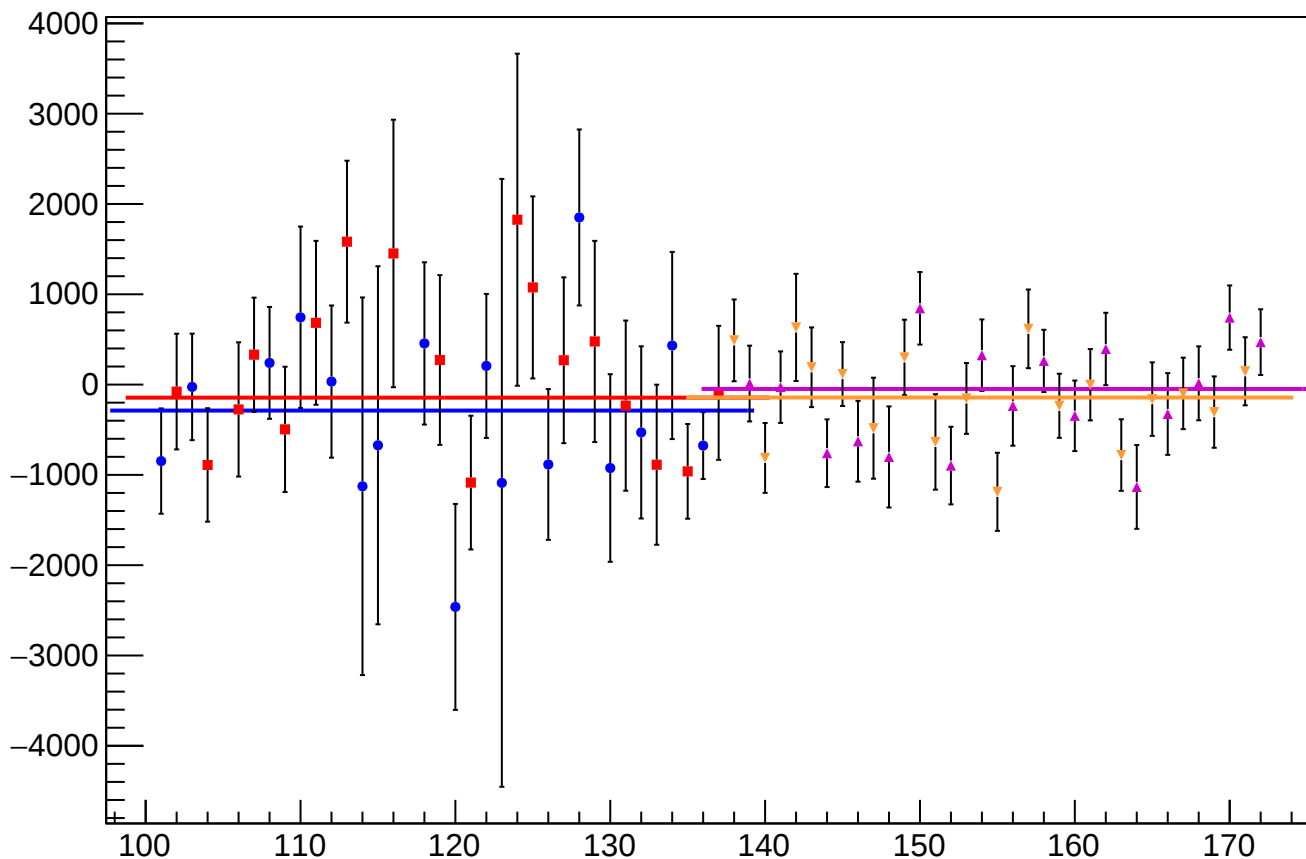
Right: 63.253+/-0.012 χ^2/NDF : 711180.0/34

In: 62.457+/-0.010 χ^2/NDF : 467511.6/33

Out: 61.752+/-0.010 χ^2/NDF : 451112.2/35

All: 62.096+/-0.007 χ^2/NDF : 921207.3/69

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -143.282 $\pm$ 98.183 χ^2 /NDF:22.6/17

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -48.357 $\pm$ 98.713 χ^2 /NDF:32.5/16

Left: -96.075 $\pm$ 69.612 χ^2 /NDF: 55.5/34

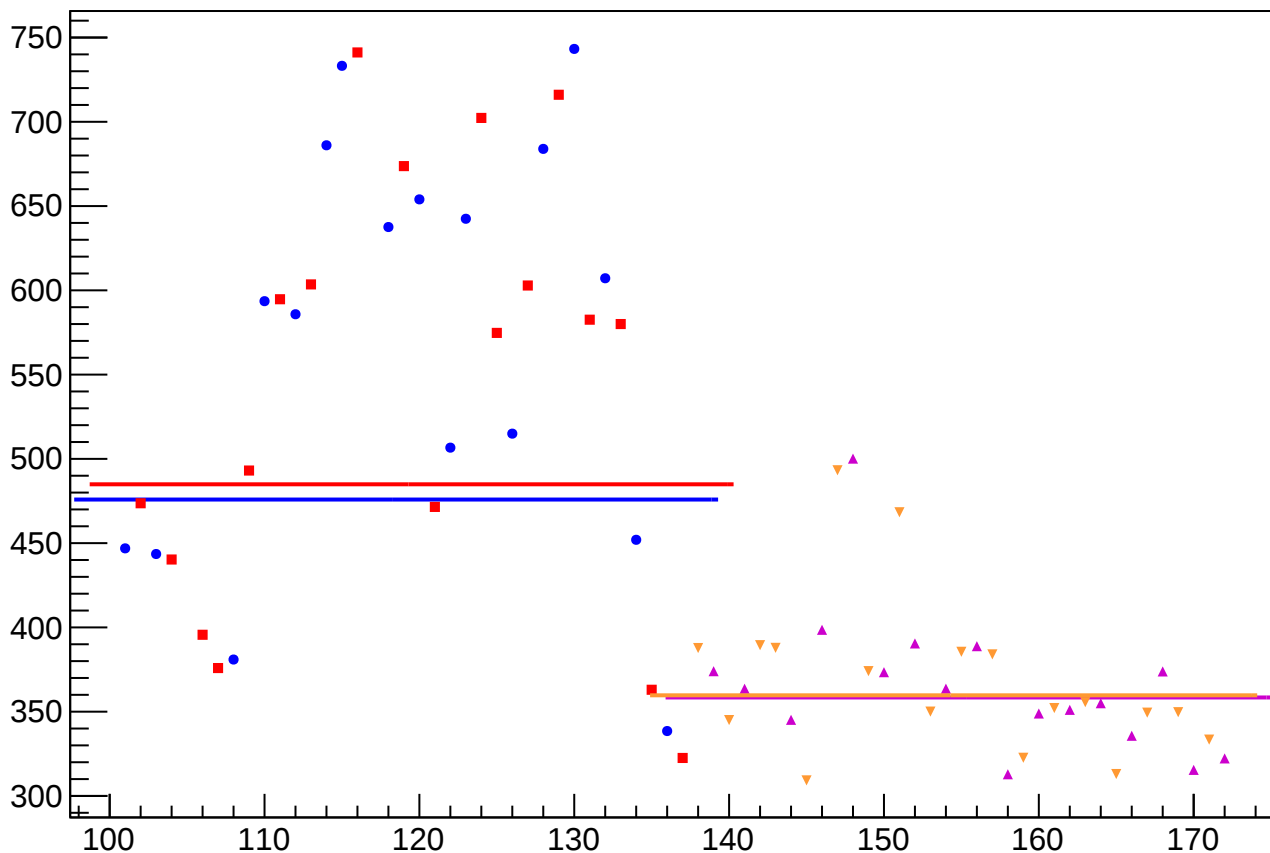
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -99.273 $\pm$ 87.585 χ^2 /NDF:49.1/33

Out: -143.570 $\pm$ 87.007 χ^2 /NDF:38.6/35

All: -121.568 $\pm$ 61.727 χ^2 /NDF: 87.8/69

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 359.710 $\pm$ 0.069 χ^2 /NDF: 341292.7/17

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 358.427 $\pm$ 0.070 χ^2 /NDF: 267428.7/16

Left: 359.072 $\pm$ 0.049 χ^2 /NDF: 608891.4/34

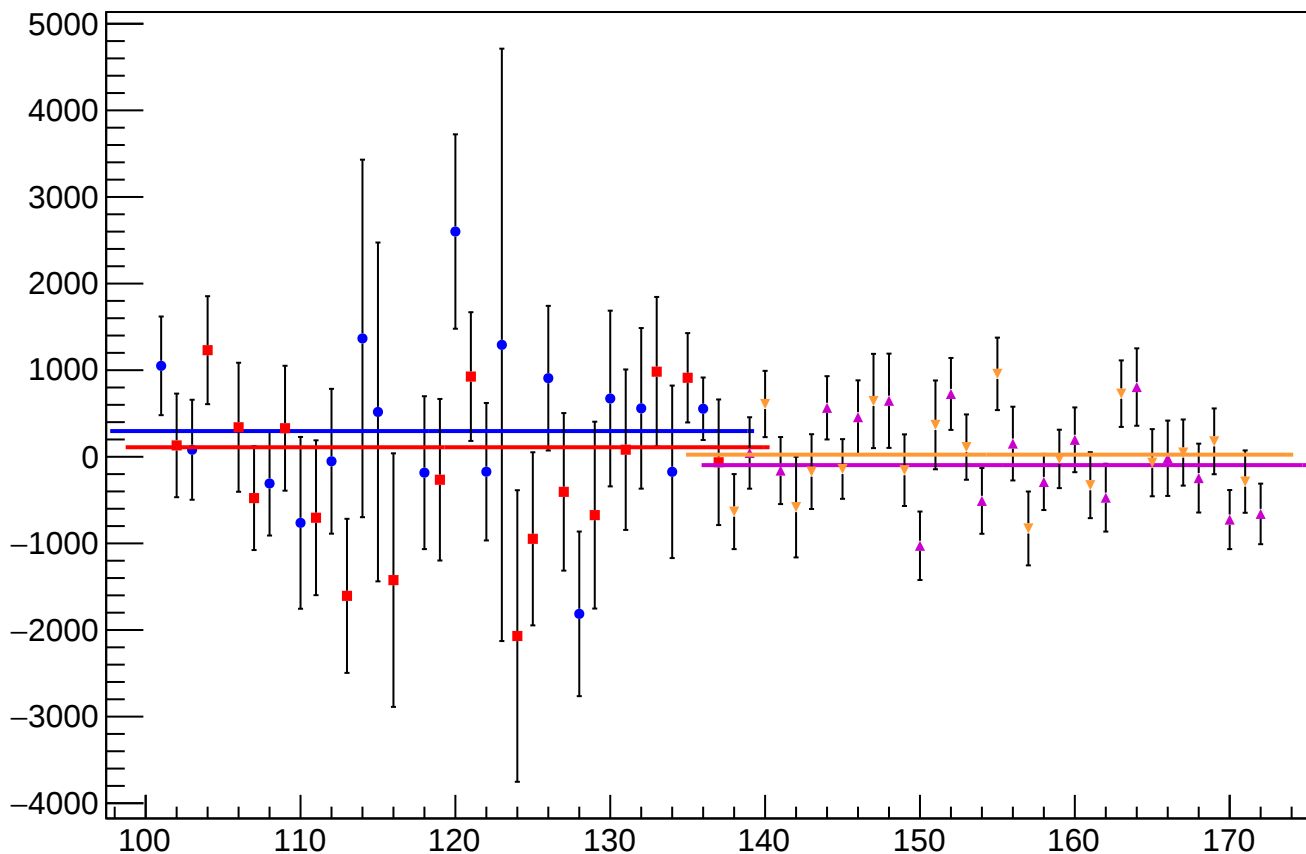
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 383.413 $\pm$ 0.062 χ^2 /NDF: 1707534.4/33

Out: 386.591 $\pm$ 0.062 χ^2 /NDF: 1755870.7/35

All: 385.012 $\pm$ 0.044 χ^2 /NDF: 3464730.4/69

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: 24.586 ± 95.000 $\chi^2/\text{NDF}: 22.3/17$

Right Out: 110.141 ± 184.400 $\chi^2/\text{NDF}: 18.5/17$

Left In: -96.129 ± 95.276 $\chi^2/\text{NDF}: 30.1/16$

Left: -35.596 ± 67.273 $\chi^2/\text{NDF}: 53.2/34$

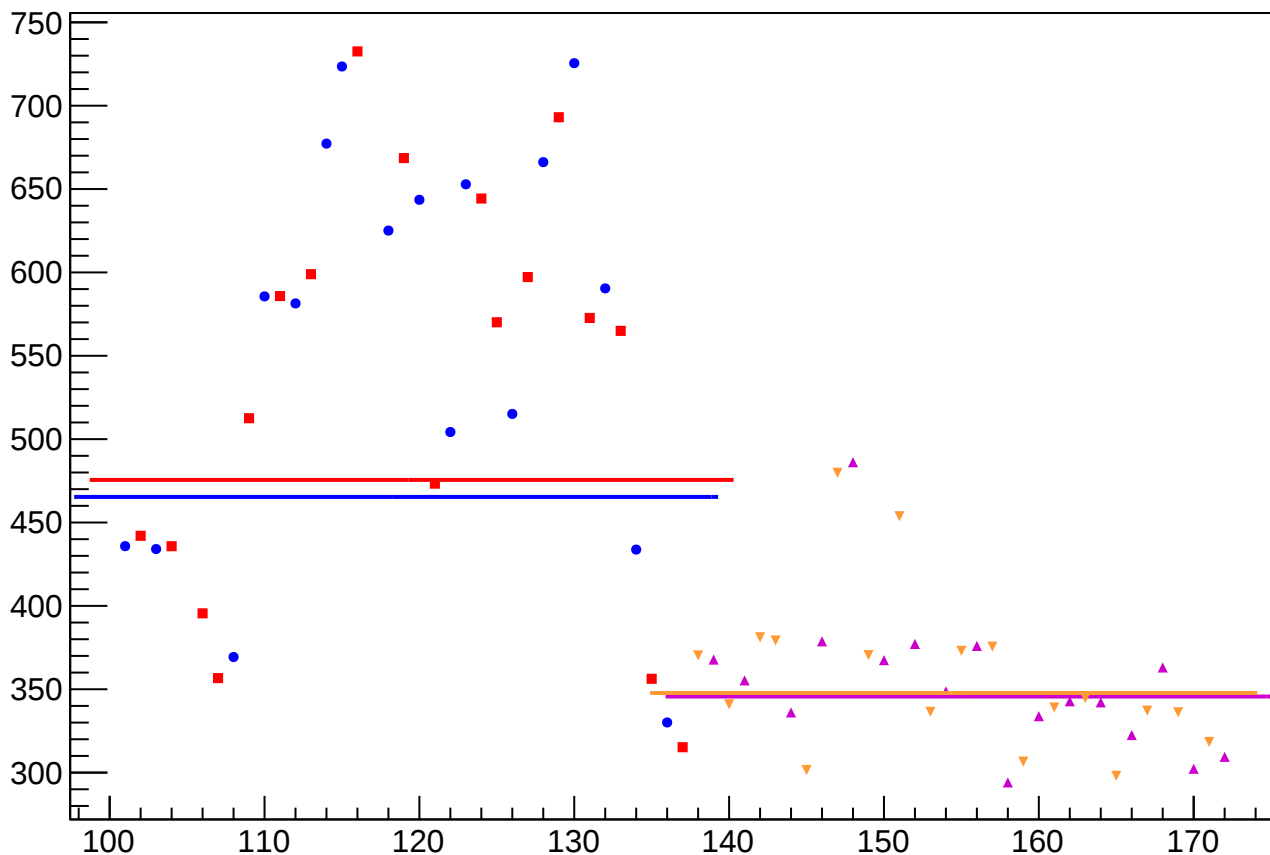
Right: 202.768 ± 130.944 $\chi^2/\text{NDF}: 34.9/34$

In: -14.403 ± 84.796 $\chi^2/\text{NDF}: 49.5/33$

Out: 42.530 ± 84.452 $\chi^2/\text{NDF}: 41.0/35$

All: 14.180 ± 59.838 $\chi^2/\text{NDF}: 90.8/69$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 347.761+/-0.067 χ^2/NDF : 366633.5/17

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 345.643+/-0.067 χ^2/NDF : 297654.7/16

Left: 346.705+/-0.048 χ^2/NDF : 664783.9/34

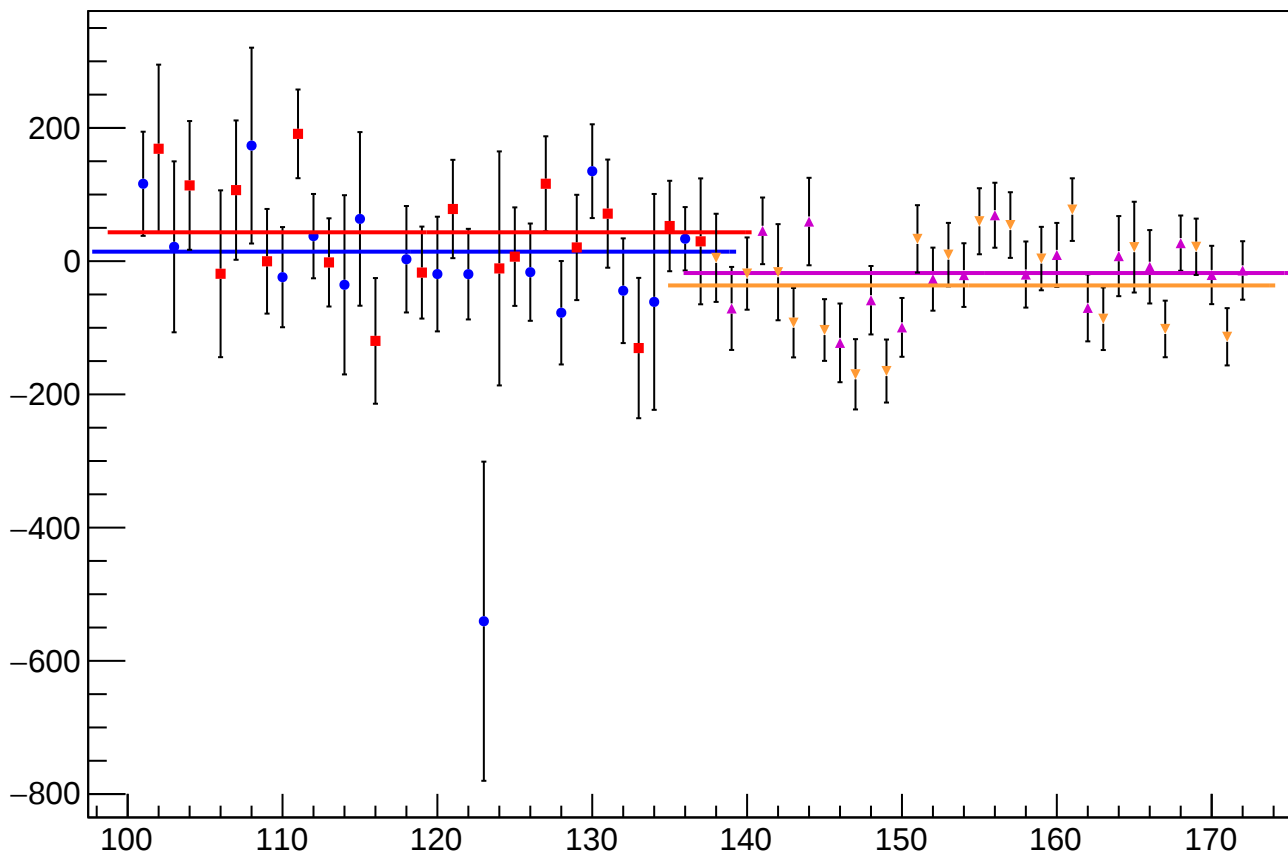
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 370.530+/-0.060 χ^2/NDF : 1814499.3/33

Out: 374.566+/-0.060 χ^2/NDF : 1866627.7/35

All: 372.556+/-0.042 χ^2/NDF : 3683401.2/69

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: -36.446 ± 11.731 $\chi^2/\text{NDF}: 43.5/17$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -17.814 ± 12.095 $\chi^2/\text{NDF}: 16.9/16$

Left: -27.414 ± 8.421 $\chi^2/\text{NDF}: 61.6/34$

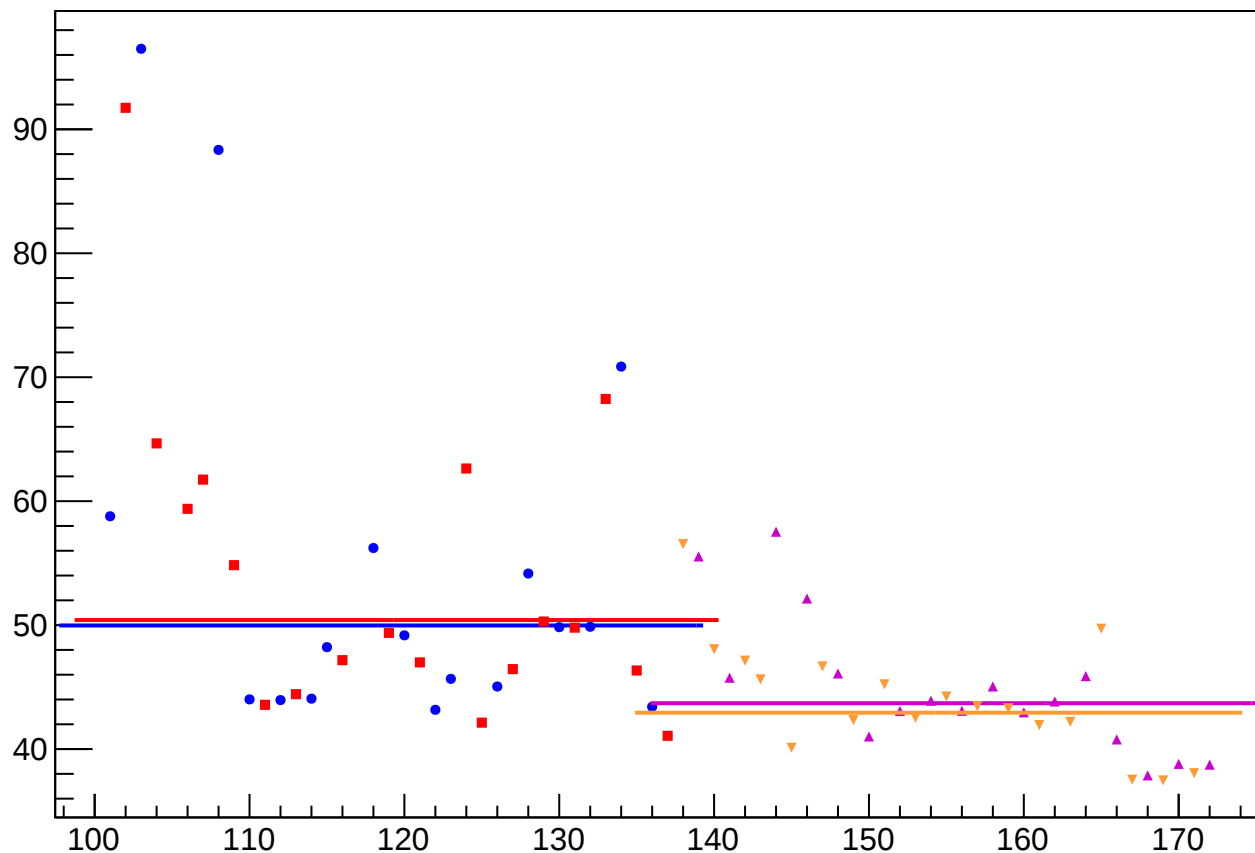
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -9.142 ± 10.331 $\chi^2/\text{NDF}: 33.6/33$

Out: -15.481 ± 10.073 $\chi^2/\text{NDF}: 71.8/35$

All: -12.392 ± 7.212 $\chi^2/\text{NDF}: 105.6/69$

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: 42.935 $\pm$ 0.008 χ^2/NDF : 250879.1/17

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 43.700 $\pm$ 0.009 χ^2/NDF : 317896.3/16

Left: 43.306 $\pm$ 0.006 χ^2/NDF : 572894.0/34

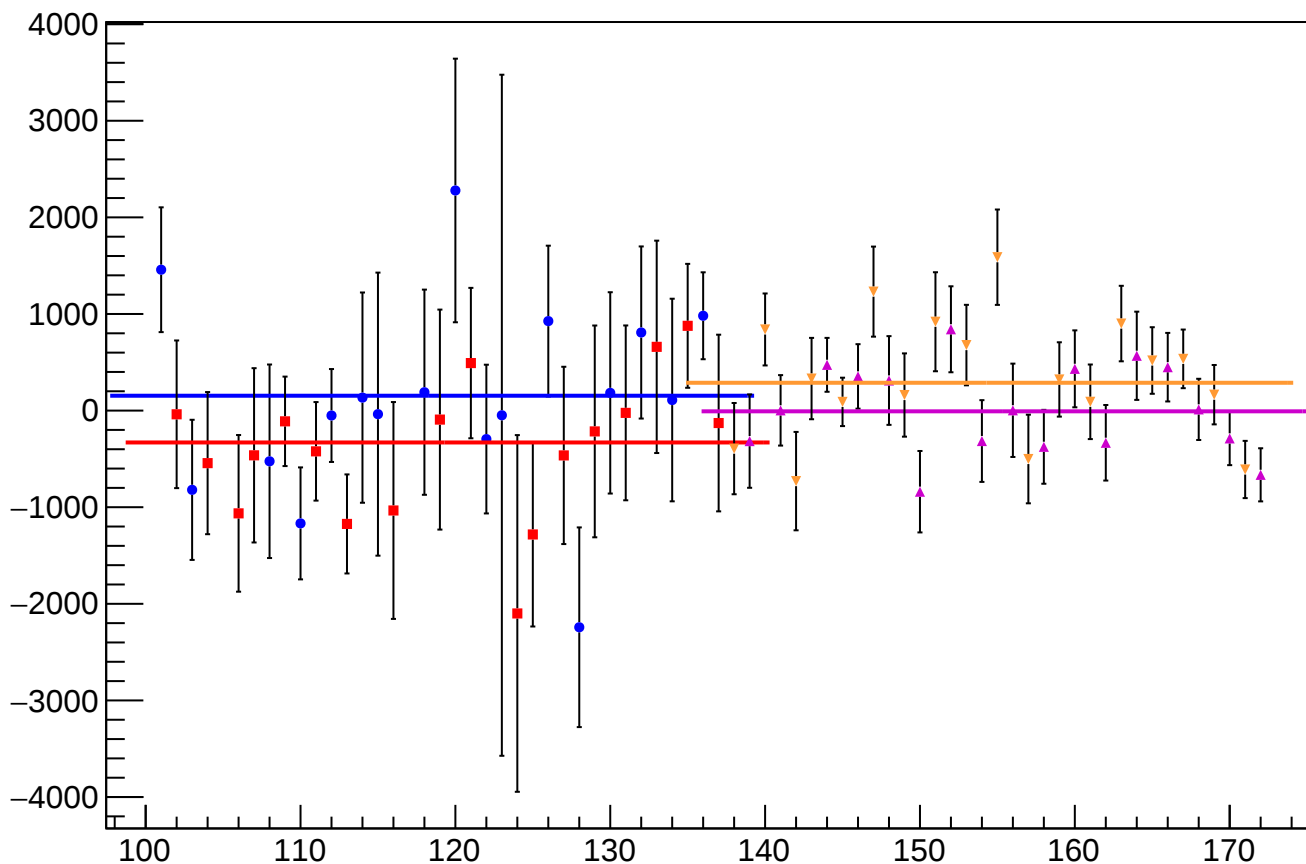
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 45.396 $\pm$ 0.007 χ^2/NDF : 1042132.3/33

Out: 44.899 $\pm$ 0.007 χ^2/NDF : 931598.3/35

All: 45.141 $\pm$ 0.005 χ^2/NDF : 1976107.9/69

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: 288.002 $\pm$ 88.797 χ^2 /NDF:38.6/17

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -7.586 $\pm$ 88.521 χ^2 /NDF:25.9/16

Left: 139.747 $\pm$ 62.691 χ^2 /NDF: 70.1/34

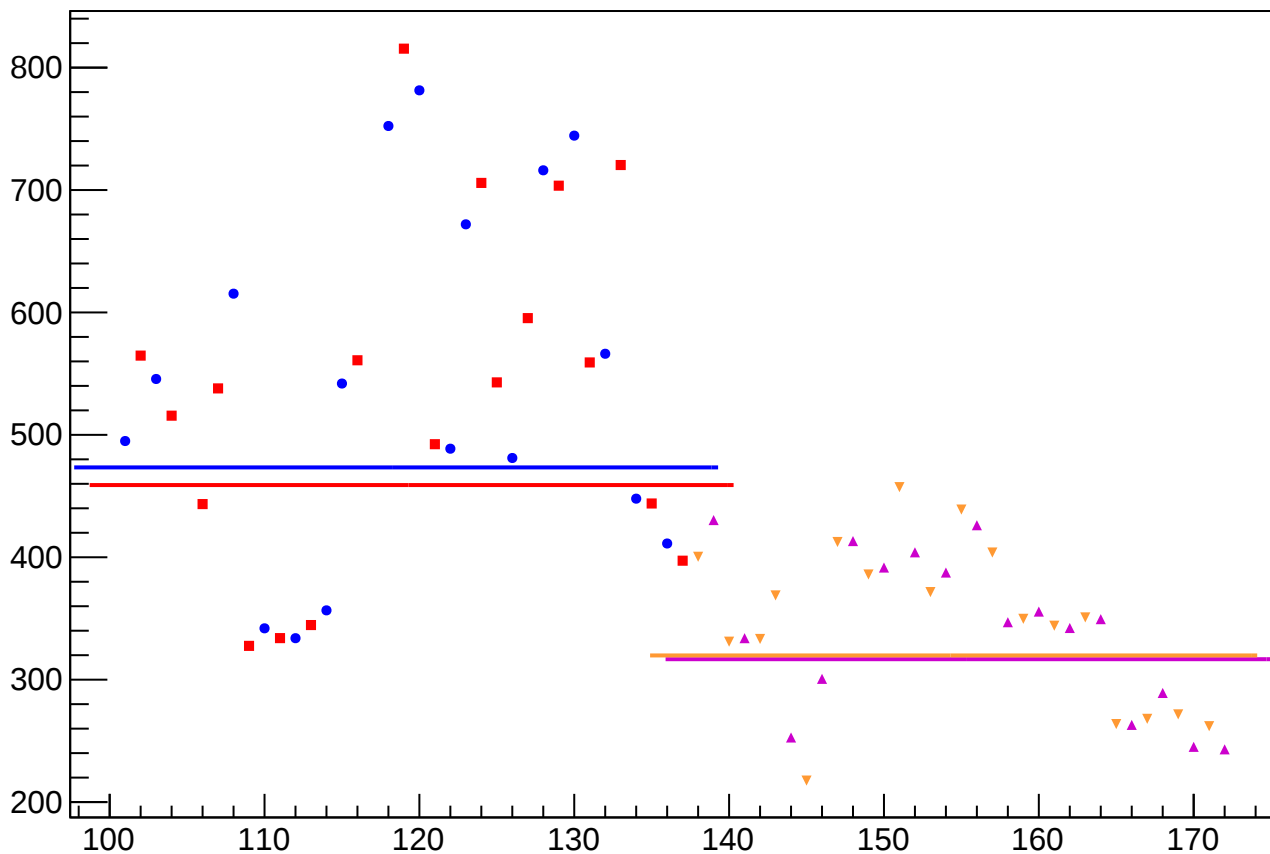
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 21.214 $\pm$ 80.237 χ^2 /NDF:51.3/33

Out: 166.828 $\pm$ 79.616 χ^2 /NDF:60.1/35

All: 94.586 $\pm$ 56.515 χ^2 /NDF: 113.1/69

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 319.800+/-0.063 χ^2/NDF : 1175572.0/17

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 316.727+/-0.063 χ^2/NDF : 1000579.9/16

Left: 318.259+/-0.044 χ^2/NDF : 2177352.8/34

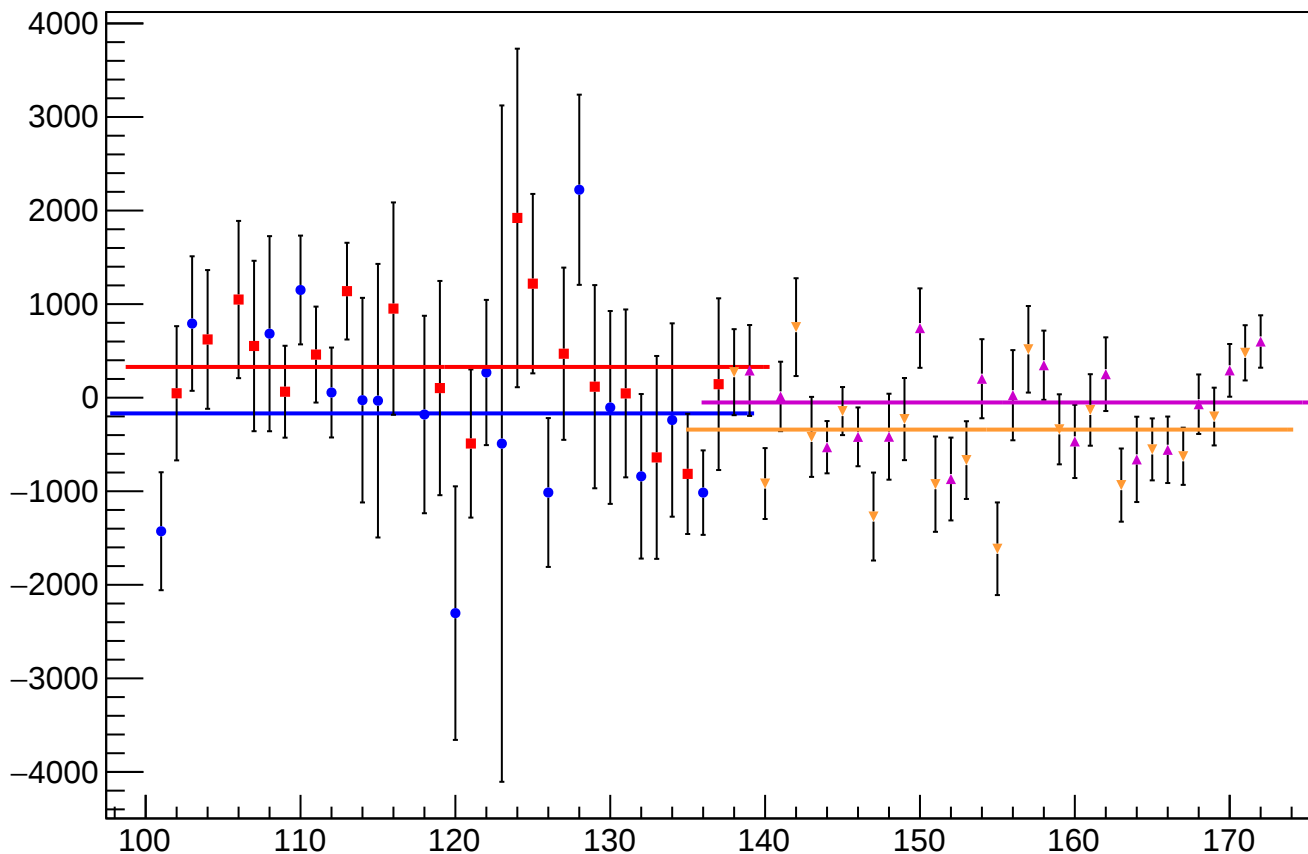
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 344.680+/-0.057 χ^2/NDF : 3033326.4/33

Out: 347.093+/-0.056 χ^2/NDF : 3145418.0/35

All: 345.896+/-0.040 χ^2/NDF : 6179656.1/69

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -341.086 $\pm$ 88.938 χ^2 /NDF:36.9/17

Right Out: 328.598 $\pm$ 181.559 χ^2 /NDF: 11.1/17

Left In: -51.197 $\pm$ 88.397 χ^2 /NDF:26.3/16

Left: -195.257 $\pm$ 62.697 χ^2 /NDF: 68.6/34

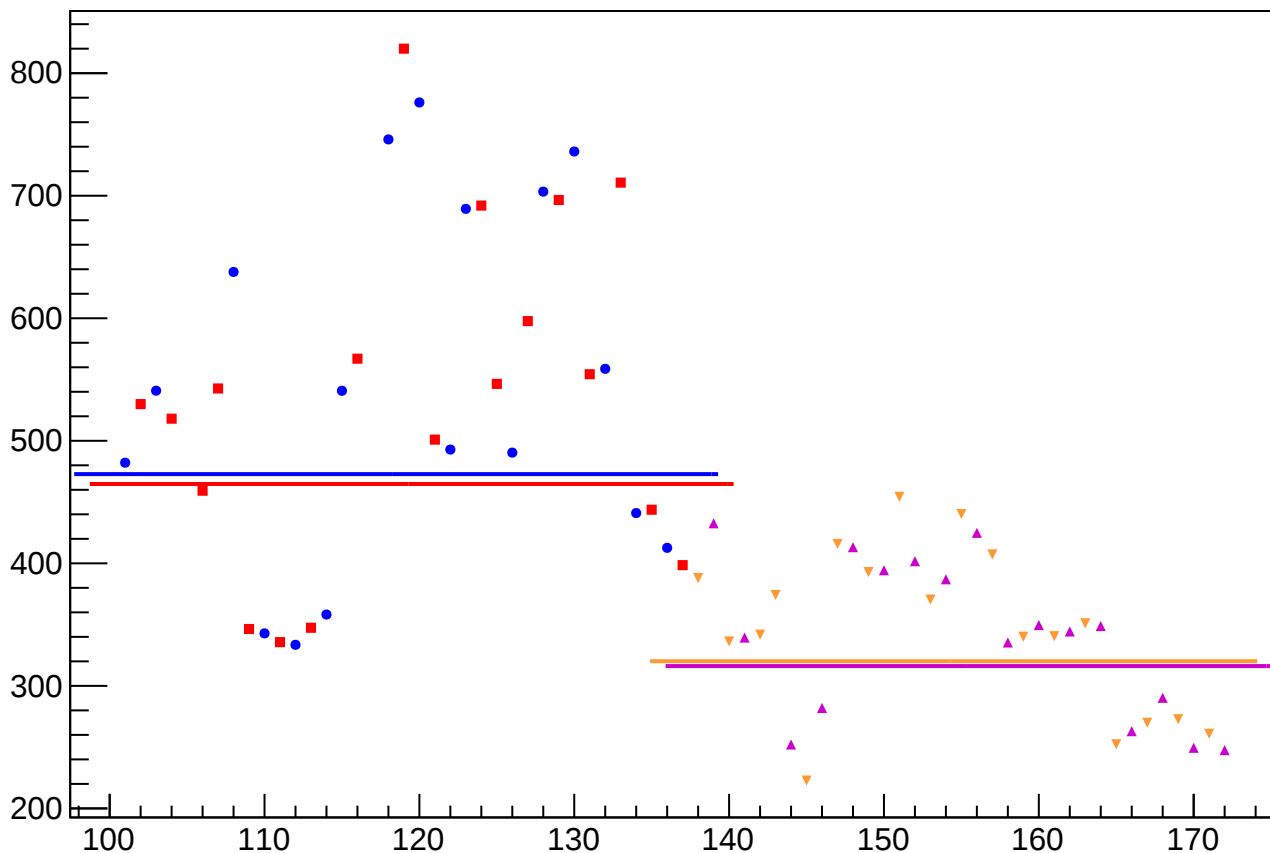
Right: 91.236 $\pm$ 131.185 χ^2 /NDF: 40.1/34

In: -72.034 $\pm$ 80.130 χ^2 /NDF:52.1/33

Out: -211.486 $\pm$ 79.870 χ^2 /NDF:59.0/35

All: -141.986 $\pm$ 56.568 χ^2 /NDF: 112.6/69

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: 320.129 $\pm$ 0.063 χ^2 /NDF: 1154147.0/17

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 316.159 $\pm$ 0.063 χ^2 /NDF: 972067.9/16

Left: 318.132 $\pm$ 0.044 χ^2 /NDF: 2128219.2/34

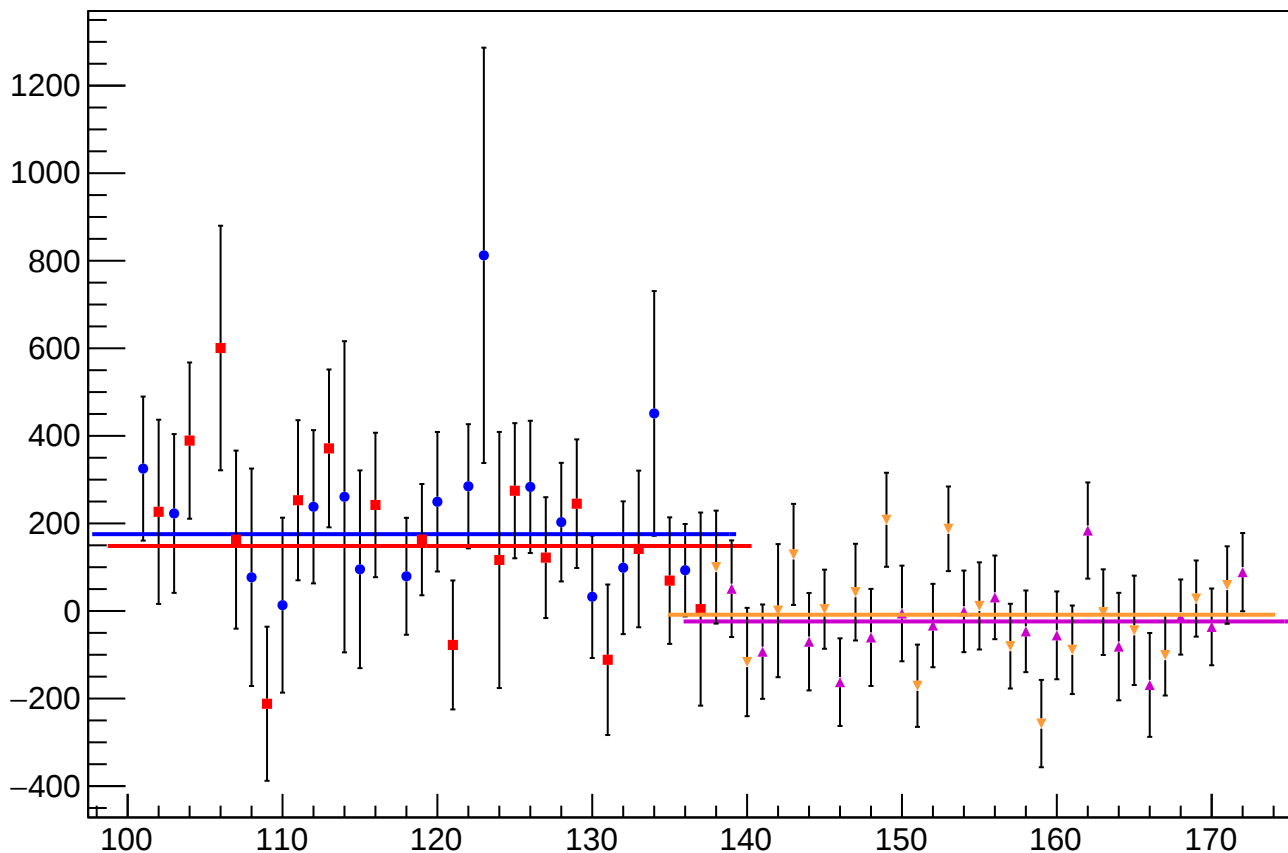
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 344.094 $\pm$ 0.057 χ^2 /NDF: 2988532.9/33

Out: 348.119 $\pm$ 0.056 χ^2 /NDF: 3092482.3/35

All: 346.113 $\pm$ 0.040 χ^2 /NDF: 6083546.1/69

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -8.550 ± 24.203 $\chi^2/\text{NDF}: 23.6/17$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -23.911 ± 24.437 $\chi^2/\text{NDF}: 10.6/16$

Left: -16.157 ± 17.196 $\chi^2/\text{NDF}: 34.4/34$

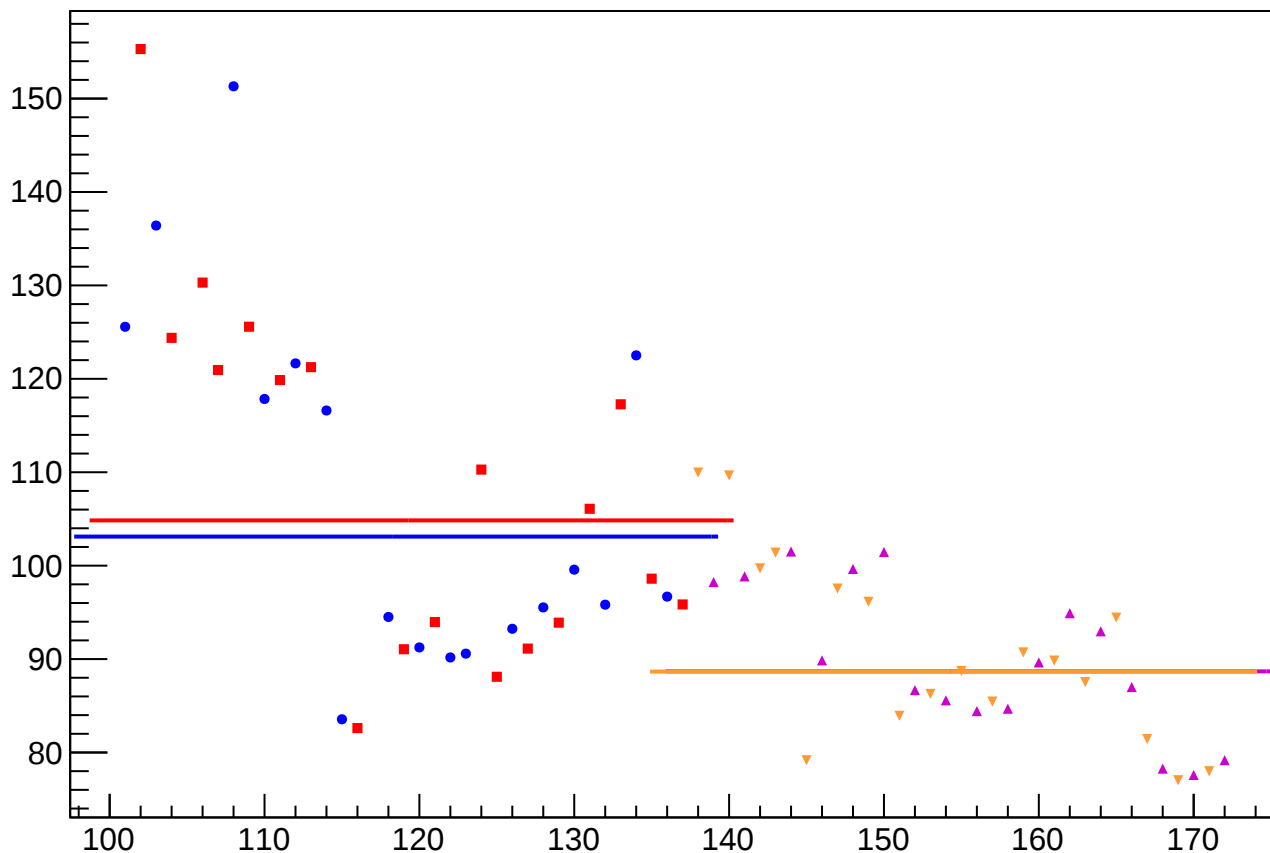
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 29.576 ± 20.903 $\chi^2/\text{NDF}: 37.0/33$

Out: 33.018 ± 20.753 $\chi^2/\text{NDF}: 52.2/35$

All: 31.309 ± 14.728 $\chi^2/\text{NDF}: 89.3/69$

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: 88.661 $\pm$ 0.017 χ^2 /NDF: 282955.0/17

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 88.685 $\pm$ 0.017 χ^2 /NDF: 210850.4/16

Left: 88.673 $\pm$ 0.012 χ^2 /NDF: 493806.3/34

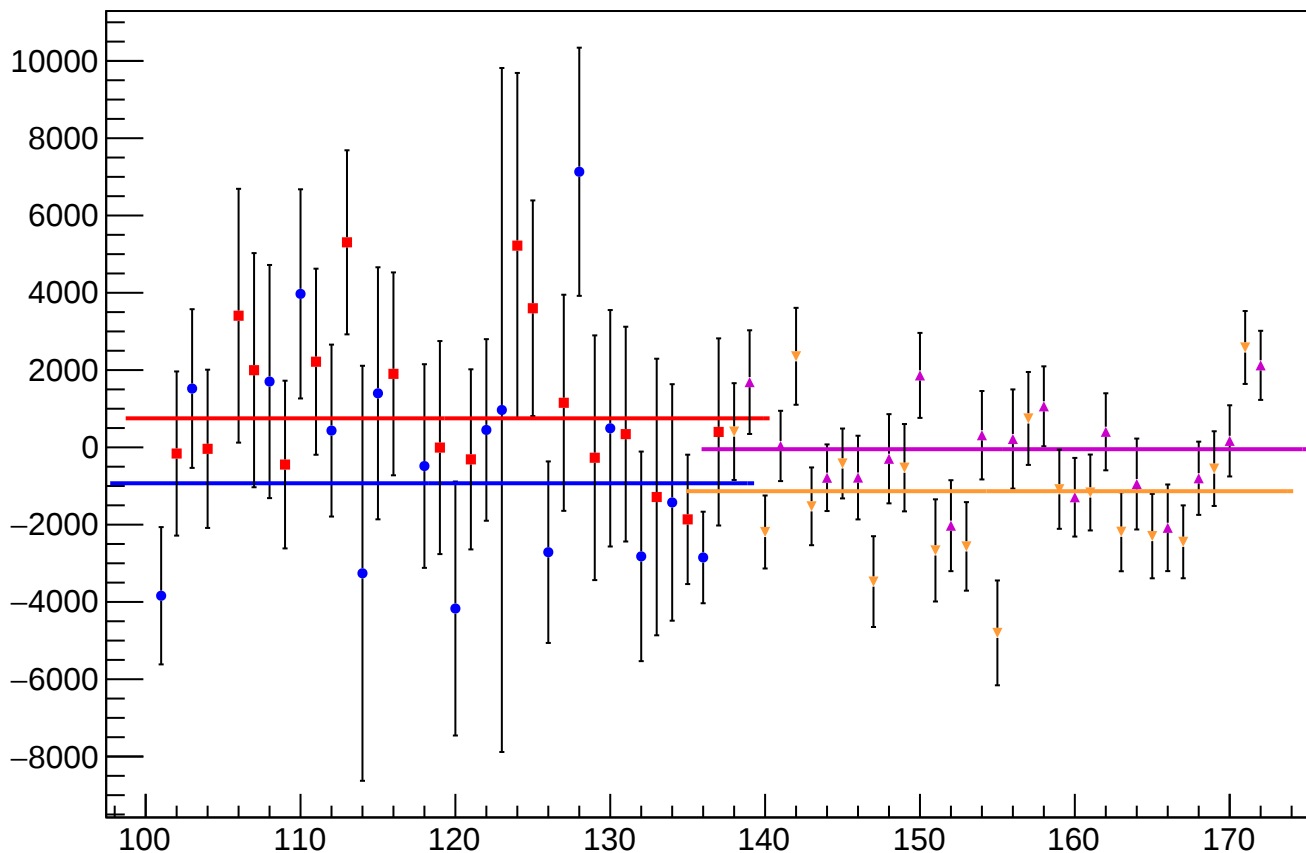
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 92.555 $\pm$ 0.015 χ^2 /NDF: 704315.3/33

Out: 92.946 $\pm$ 0.015 χ^2 /NDF: 888371.3/35

All: 92.752 $\pm$ 0.010 χ^2 /NDF: 1593038.7/69

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1134.030 ± 251.695 $\chi^2/\text{NDF}: 48.2/17$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: -47.561 ± 253.151 $\chi^2/\text{NDF}: 22.2/16$

Left: -593.931 ± 178.488 $\chi^2/\text{NDF}: 79.7/34$

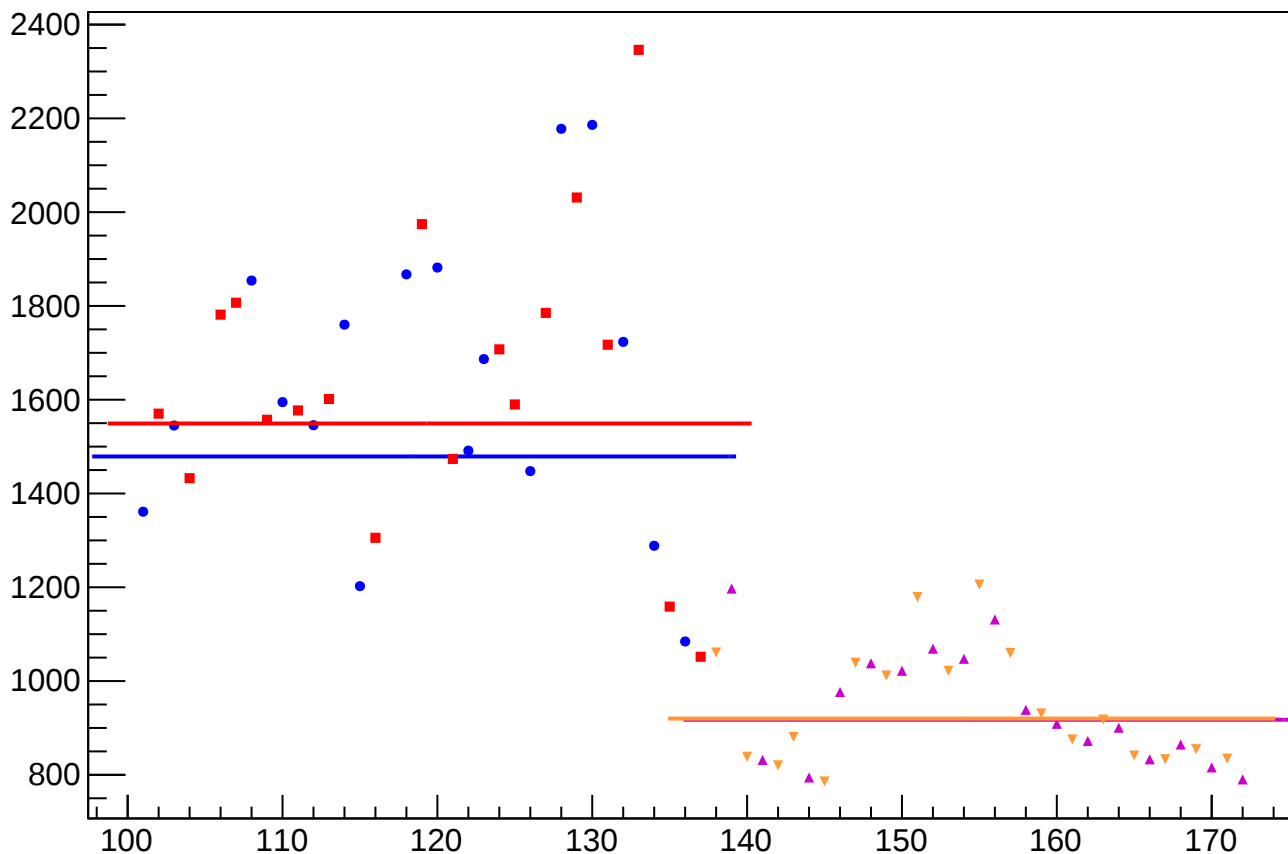
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -185.791 ± 232.454 $\chi^2/\text{NDF}: 45.0/33$

Out: -847.844 ± 231.805 $\chi^2/\text{NDF}: 67.7/35$

All: -517.742 ± 164.140 $\chi^2/\text{NDF}: 116.7/69$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 920.063 $\pm$ 0.178 χ^2 /NDF: 399415.0/17

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 917.562 $\pm$ 0.179 χ^2 /NDF: 393770.0/16

Left: 918.820 $\pm$ 0.126 χ^2 /NDF: 793283.2/34

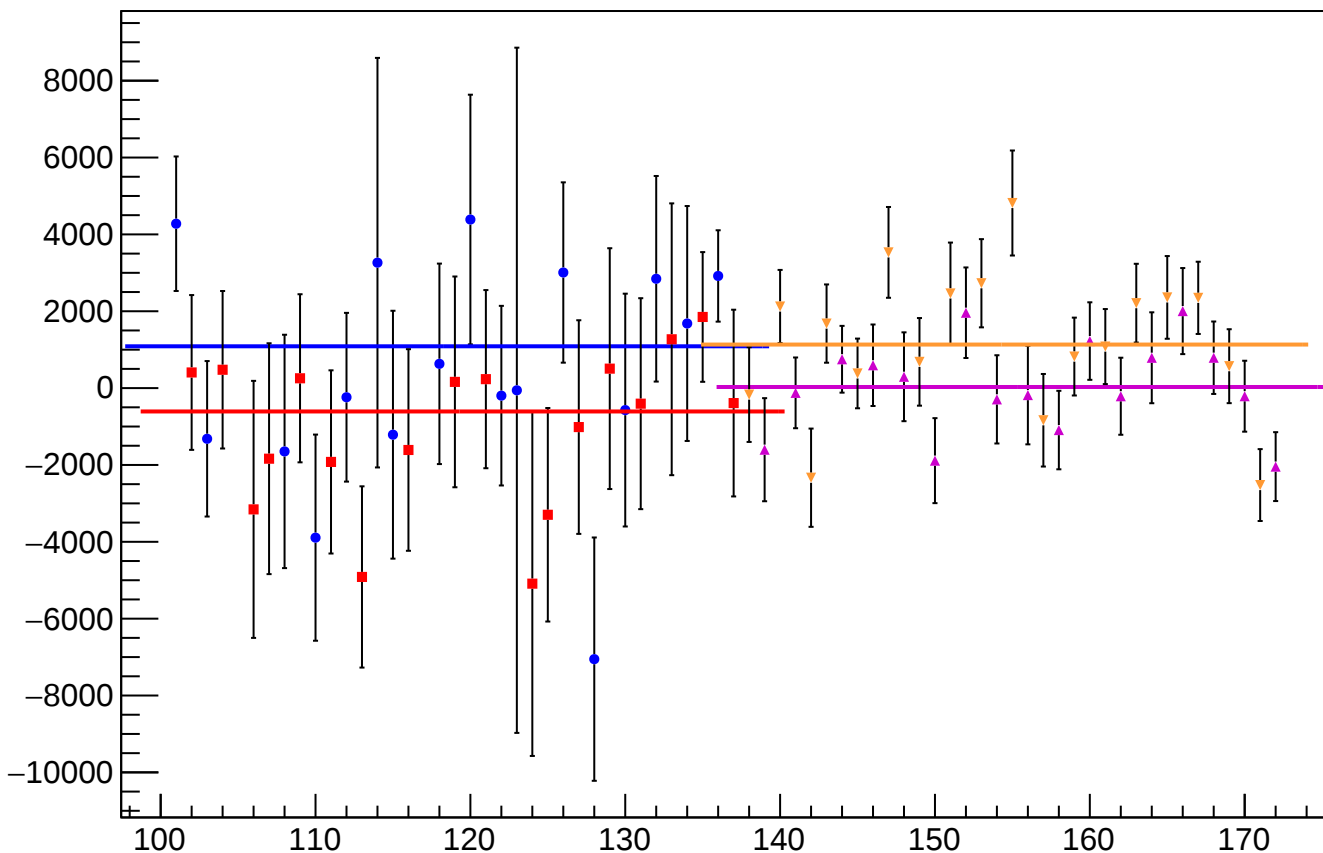
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1005.614 $\pm$ 0.164 χ^2 /NDF: 2526170.1/33

Out: 1015.576 $\pm$ 0.164 χ^2 /NDF: 2759264.3/35

All: 1010.609 $\pm$ 0.116 χ^2 /NDF: 5287276.4/69

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: 1133.154 $\pm$ 251.669 χ^2 /NDF: 47.5/17

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 28.830 $\pm$ 253.222 χ^2 /NDF: 20.6/16

Left: 584.388 $\pm$ 178.503 χ^2 /NDF: 77.6/34

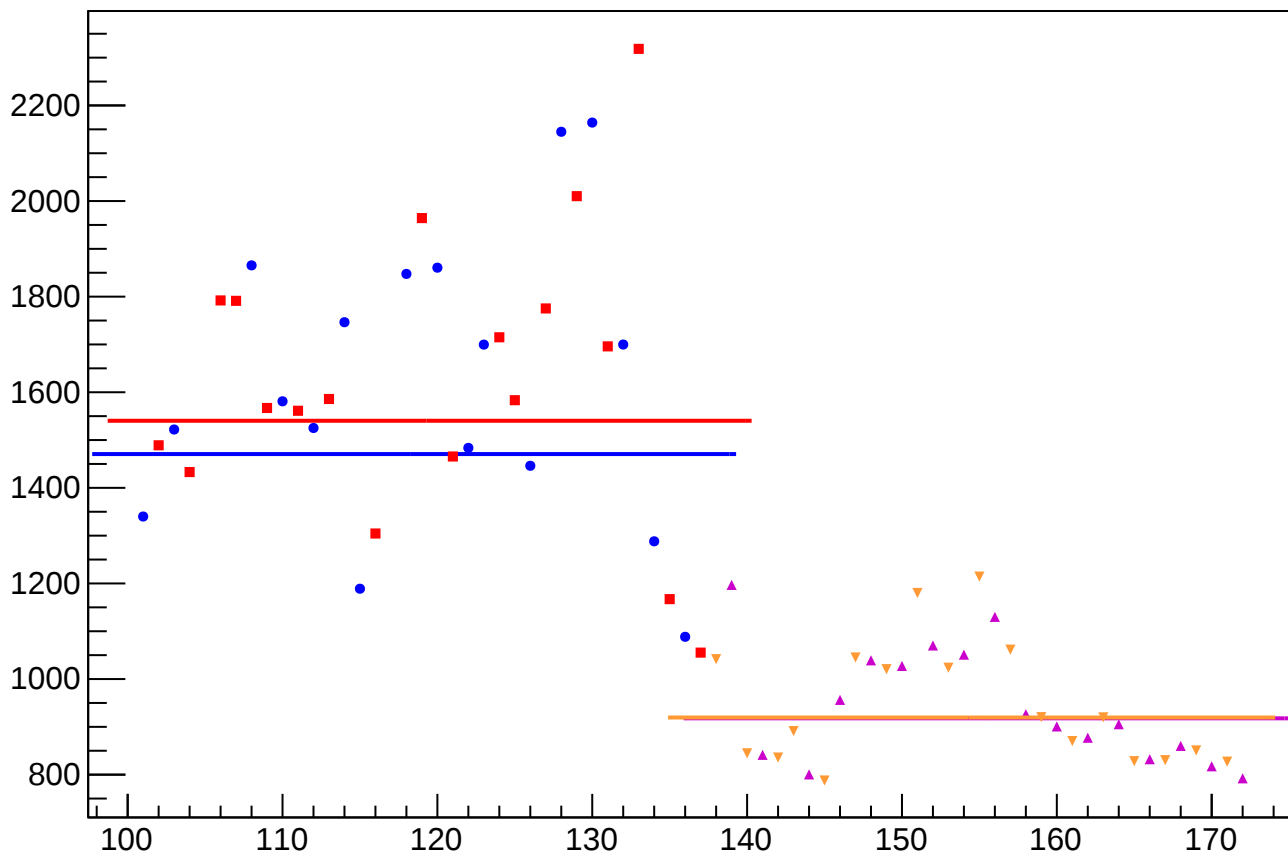
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 196.772 $\pm$ 232.280 χ^2 /NDF: 45.2/33

Out: 866.317 $\pm$ 231.582 χ^2 /NDF: 64.8/35

All: 532.552 $\pm$ 163.999 χ^2 /NDF: 114.1/69

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 919.531 $\pm$ 0.178 χ^2 /NDF: 404724.1/17

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 917.809 $\pm$ 0.179 χ^2 /NDF: 382561.4/16

Left: 918.675 $\pm$ 0.126 χ^2 /NDF: 787332.0/34

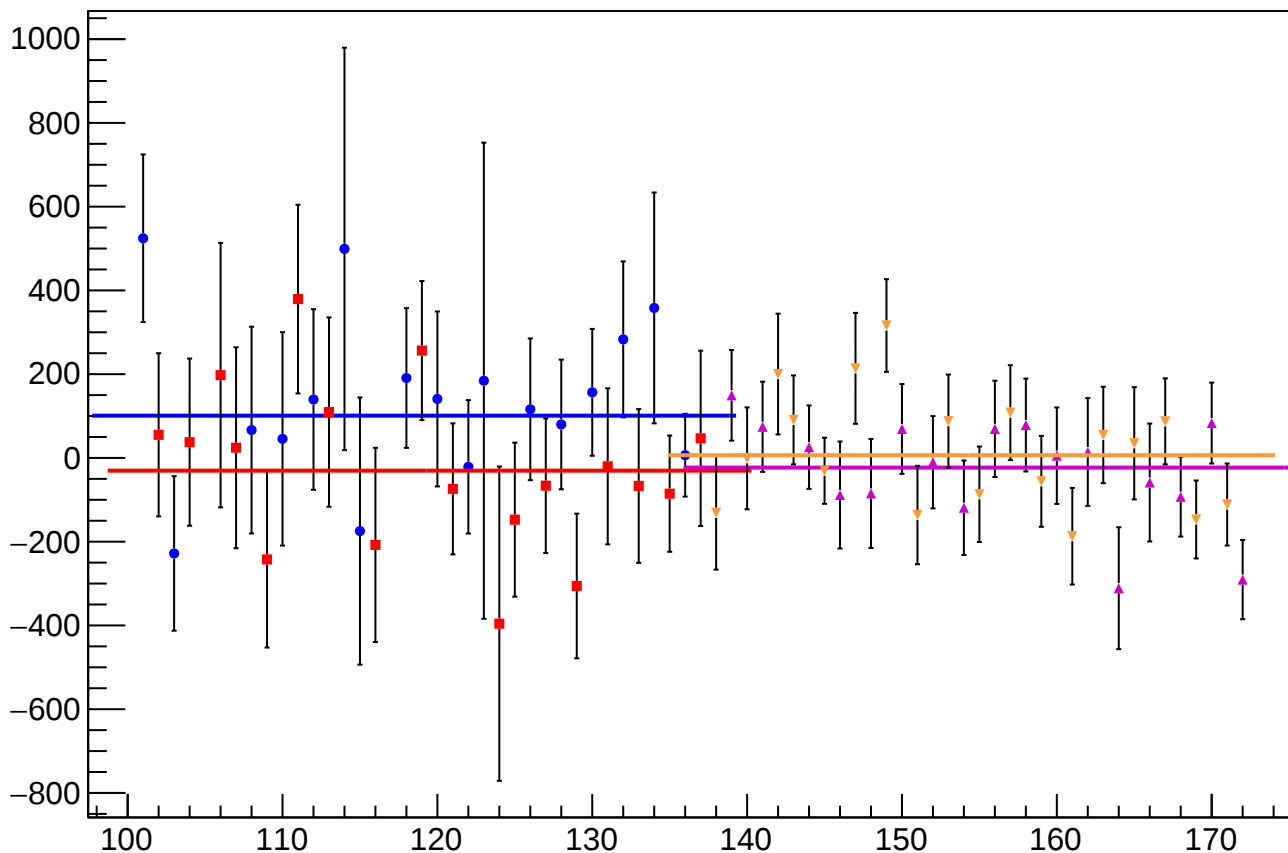
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1005.474 $\pm$ 0.164 χ^2 /NDF: 2462039.7/33

Out: 1014.676 $\pm$ 0.164 χ^2 /NDF: 2712682.7/35

All: 1010.089 $\pm$ 0.116 χ^2 /NDF: 5176296.5/69

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: 6.544 ± 26.069 $\chi^2/\text{NDF}: 25.6/17$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -23.080 ± 27.112 $\chi^2/\text{NDF}: 20.9/16$

Left: -7.687 ± 18.791 $\chi^2/\text{NDF}: 47.2/34$

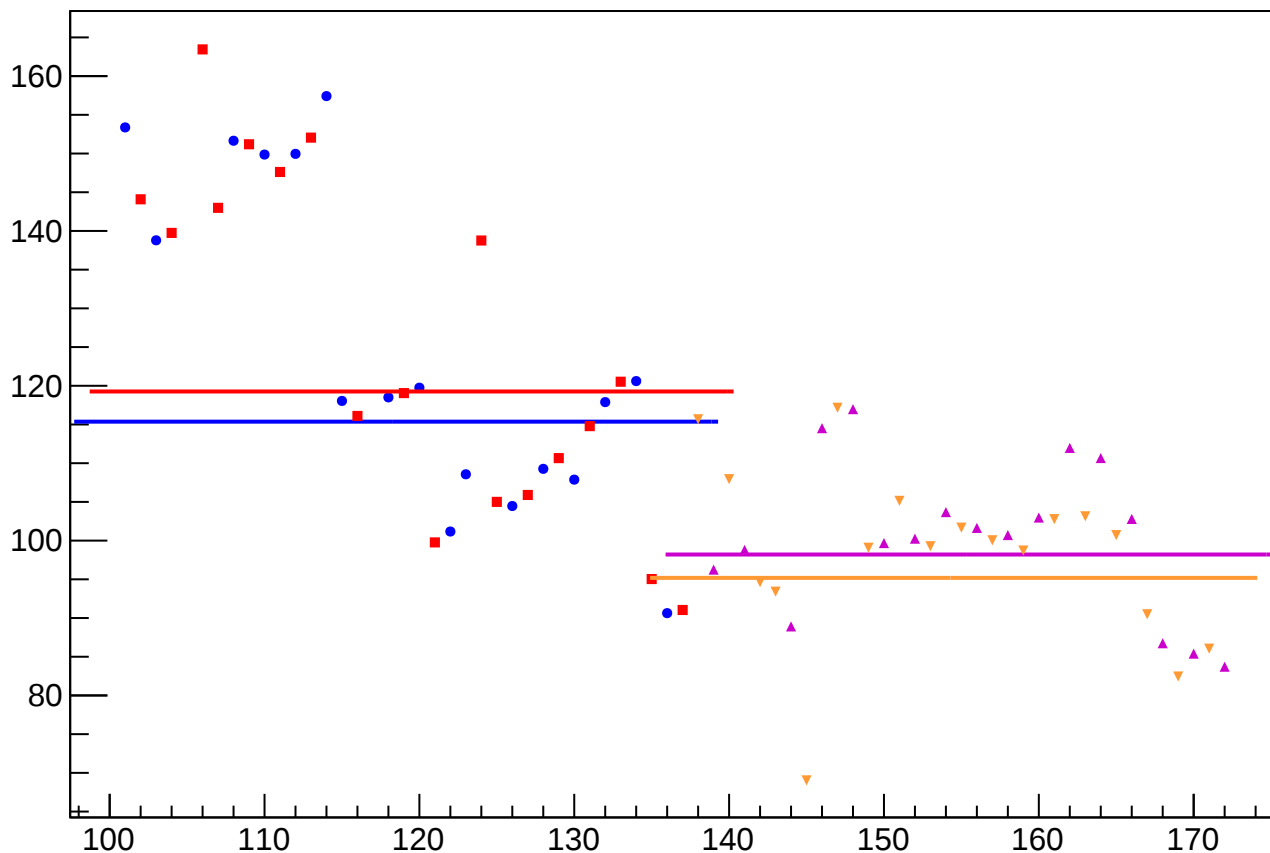
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 9.640 ± 23.261 $\chi^2/\text{NDF}: 39.5/33$

Out: -2.526 ± 22.645 $\chi^2/\text{NDF}: 39.6/35$

All: 3.394 ± 16.226 $\chi^2/\text{NDF}: 79.2/69$

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: 95.188 $\pm$ 0.018 χ^2 /NDF:455451.2/17

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 98.204 $\pm$ 0.019 χ^2 /NDF:255236.1/16

Left: 96.637 $\pm$ 0.013 χ^2 /NDF: 723549.0/34

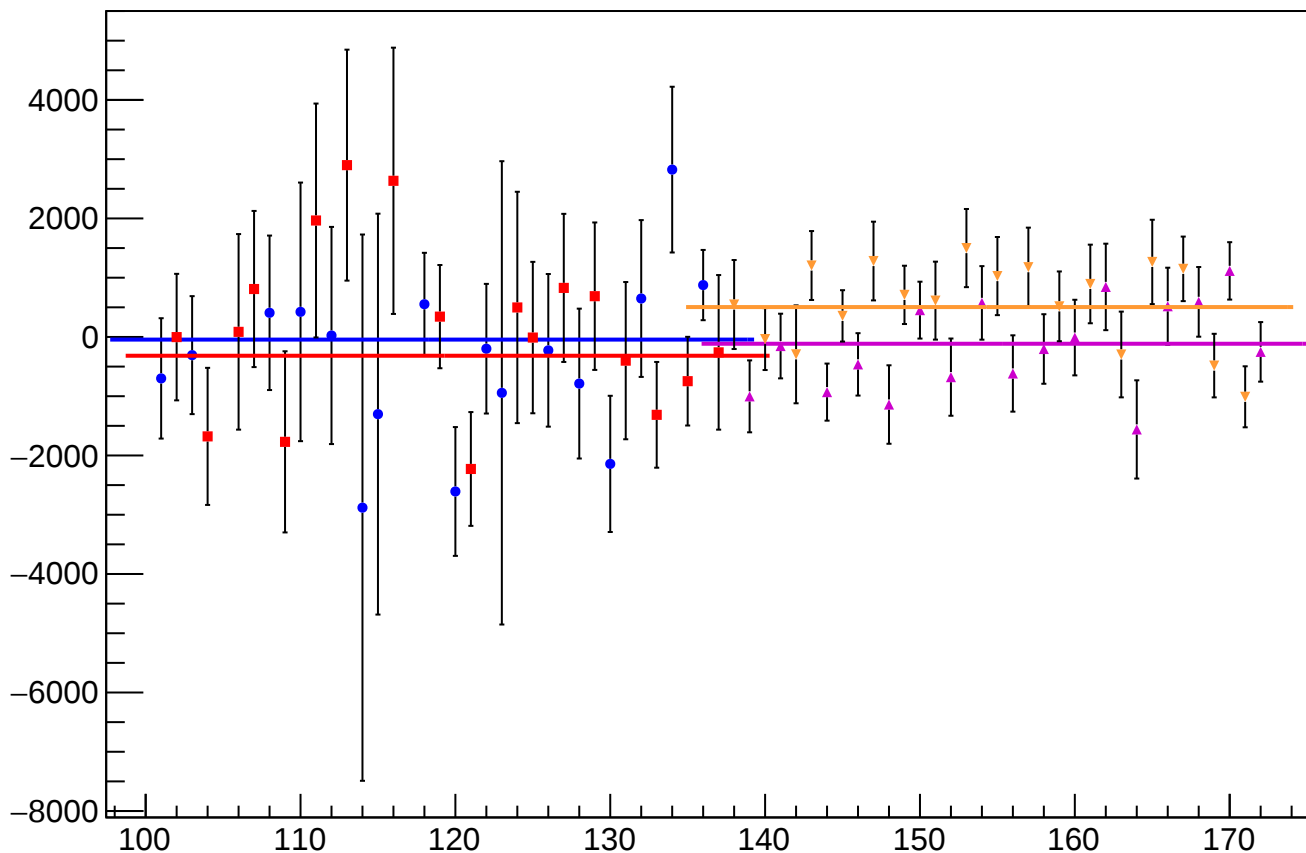
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 102.733 $\pm$ 0.016 χ^2 /NDF:878072.6/33

Out: 101.097 $\pm$ 0.016 χ^2 /NDF:1272407.7/35

All: 101.893 $\pm$ 0.011 χ^2 /NDF: 2155560.9/69

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 504.342 $\pm$ 140.859 χ^2 /NDF:25.2/17

Right Out: -316.976 $\pm$ 283.113 χ^2 /NDF: 16.8/17

Left In: -114.672 $\pm$ 141.207 χ^2 /NDF:25.6/16

Left: 195.598 $\pm$ 99.725 χ^2 /NDF: 60.4/34

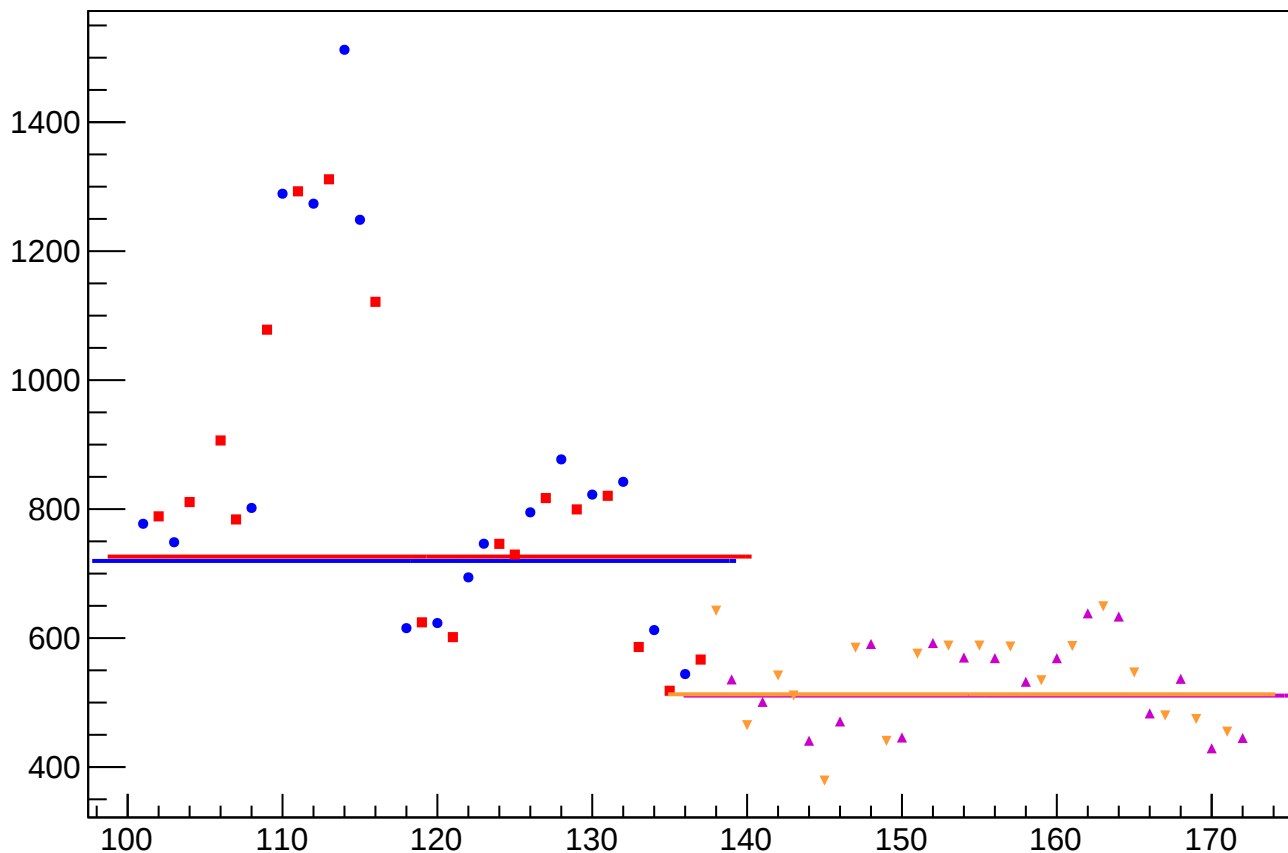
Right: -182.282 $\pm$ 201.303 χ^2 /NDF: 35.1/34

In: -100.951 $\pm$ 126.640 χ^2 /NDF:43.5/33

Out: 341.373 $\pm$ 126.112 χ^2 /NDF:48.8/35

All: 121.134 $\pm$ 89.361 χ^2 /NDF: 98.4/69

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: 512.839 $\pm$ 0.100 χ^2 /NDF: 578507.9/17

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 510.814 $\pm$ 0.100 χ^2 /NDF: 412278.5/16

Left: 511.829 $\pm$ 0.071 χ^2 /NDF: 990992.5/34

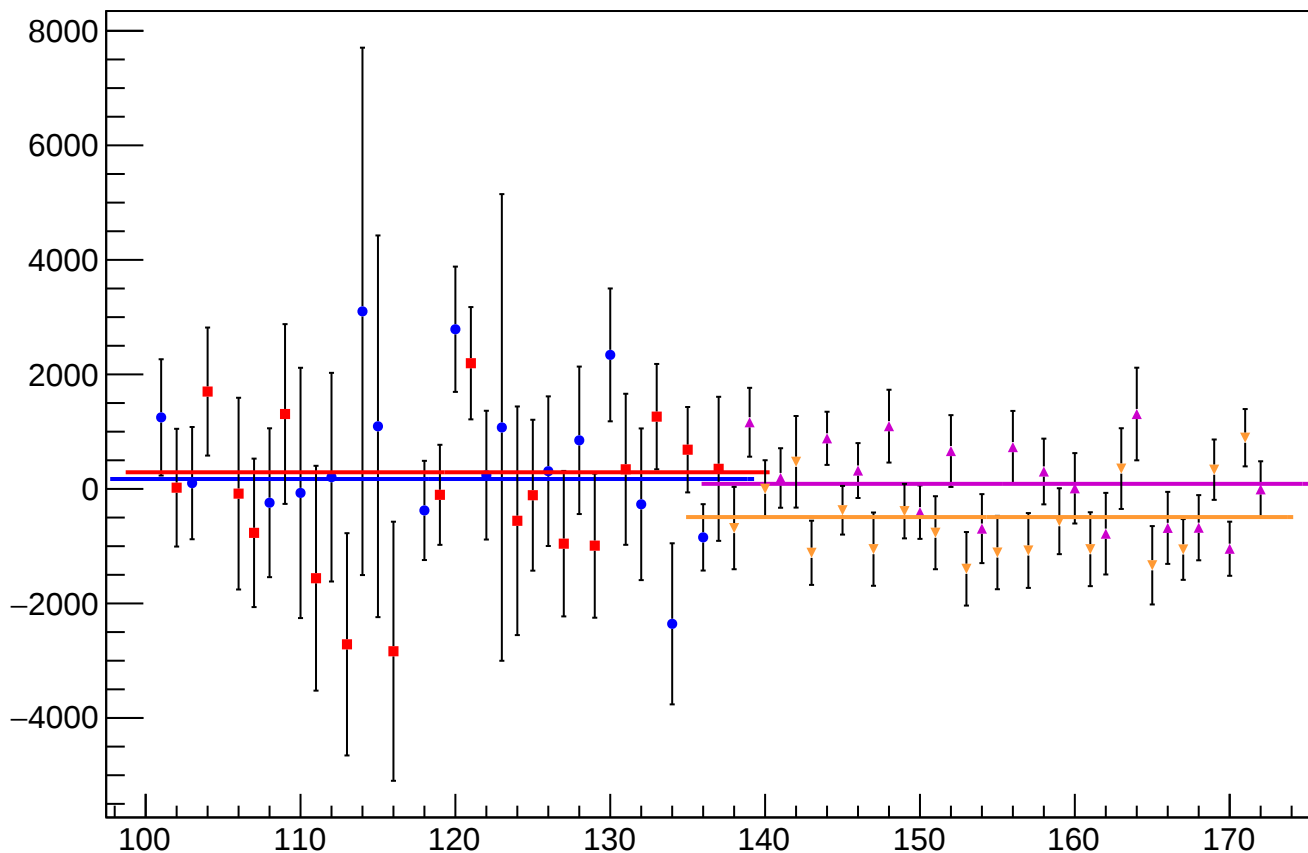
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 551.670 $\pm$ 0.090 χ^2 /NDF: 2014865.7/33

Out: 555.214 $\pm$ 0.089 χ^2 /NDF: 2371691.8/35

All: 553.450 $\pm$ 0.063 χ^2 /NDF: 4387343.7/69

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: -491.493 $\pm$ 136.737 χ^2 /NDF:23.5/17

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 88.695 $\pm$ 136.380 χ^2 /NDF:26.6/16

Left: -200.642 $\pm$ 96.561 χ^2 /NDF: 59.2/34

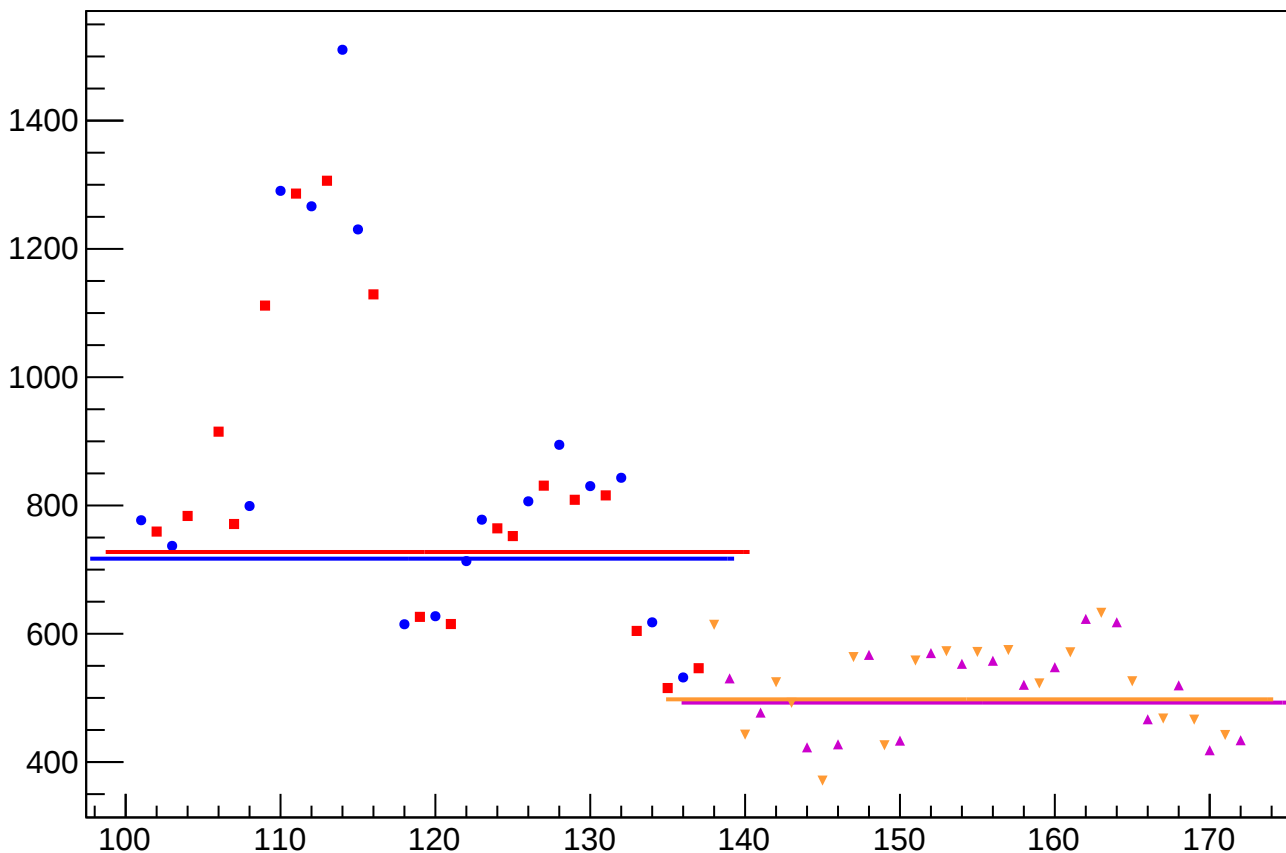
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 104.377 $\pm$ 123.075 χ^2 /NDF:44.8/33

Out: -343.892 $\pm$ 123.164 χ^2 /NDF:45.3/35

All: -119.596 $\pm$ 87.058 χ^2 /NDF: 96.8/69

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 497.778+/-0.097 χ^2/NDF : 567245.5/17

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 492.669+/-0.096 χ^2/NDF : 444914.3/16

Left: 495.217+/-0.068 χ^2/NDF : 1013559.7/34

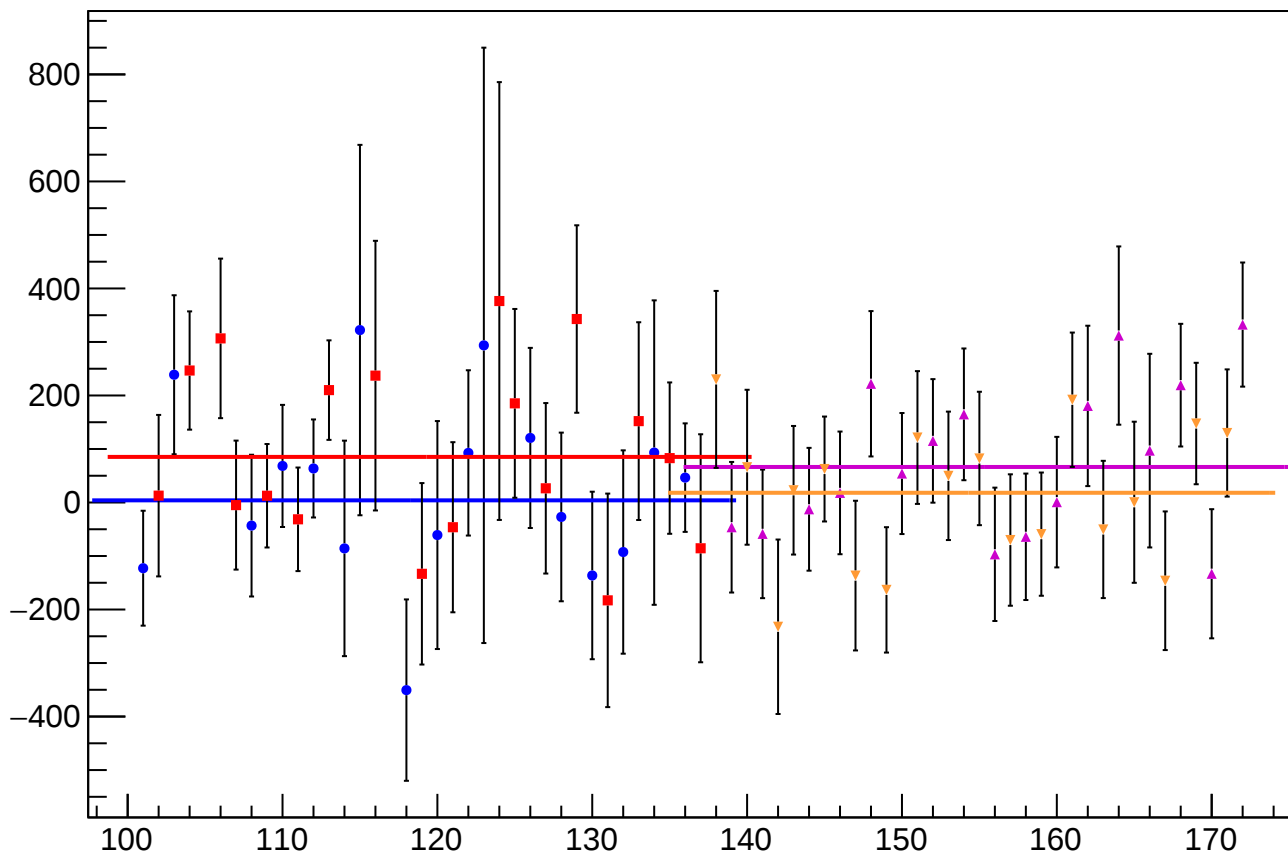
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 534.322+/-0.087 χ^2/NDF : 2232504.3/33

Out: 541.119+/-0.087 χ^2/NDF : 2513270.2/35

All: 537.718+/-0.062 χ^2/NDF : 4748822.4/69

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: 18.166+/-29.669 χ^2/NDF :15.9/17

Right Out: 85.205+/-33.413 χ^2/NDF : 17.4/17

Left In: 66.404+/-30.214 χ^2/NDF :20.5/16

Left: 41.846+/-21.169 χ^2/NDF : 37.8/34

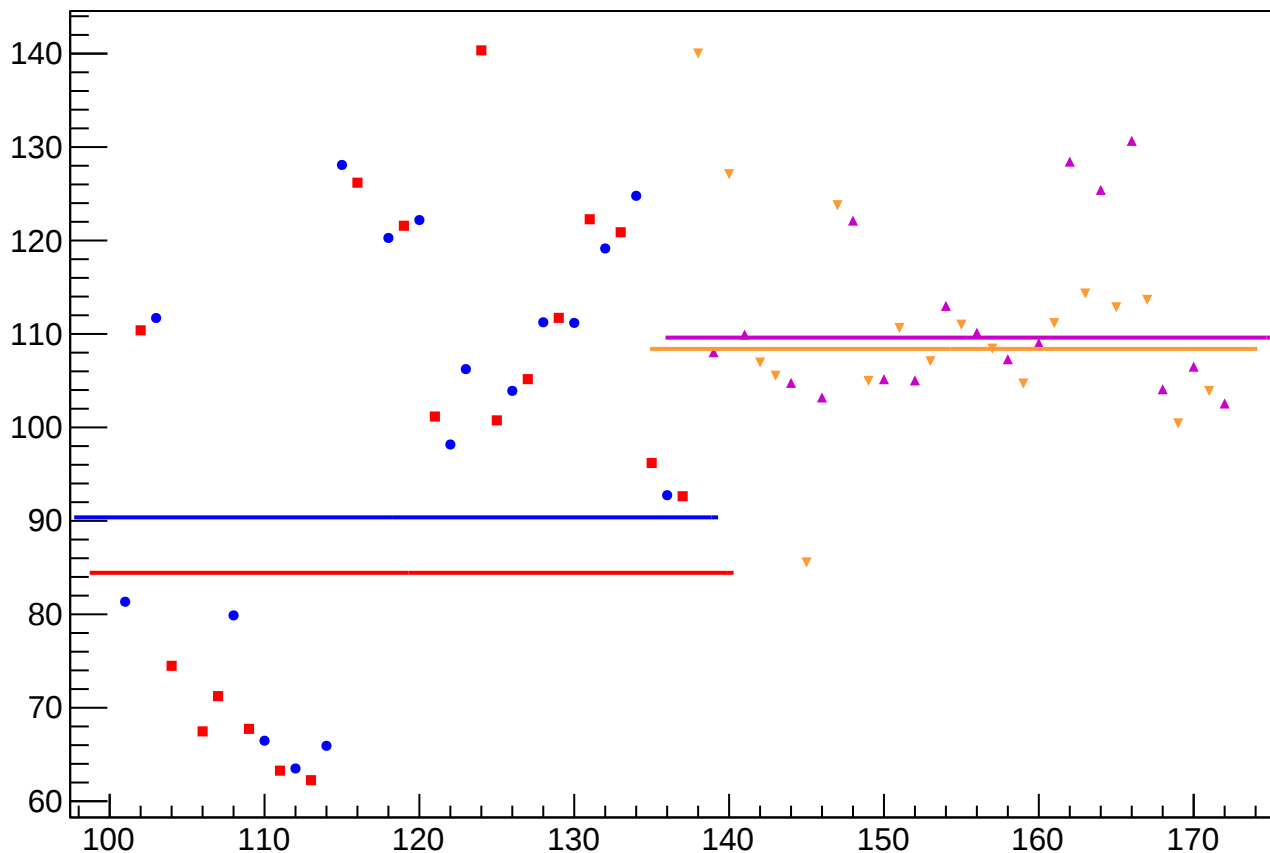
Right: 47.574+/-24.474 χ^2/NDF : 32.8/34

In: 40.576+/-23.130 χ^2/NDF :35.0/33

Out: 47.721+/-22.185 χ^2/NDF :35.6/35

All: 44.298+/-16.011 χ^2/NDF : 70.6/69

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.402+/-0.021 χ^2/NDF : 269111.4/17

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 109.608+/-0.021 χ^2/NDF : 125802.1/16

Left: 108.994+/-0.015 χ^2/NDF : 396534.8/34

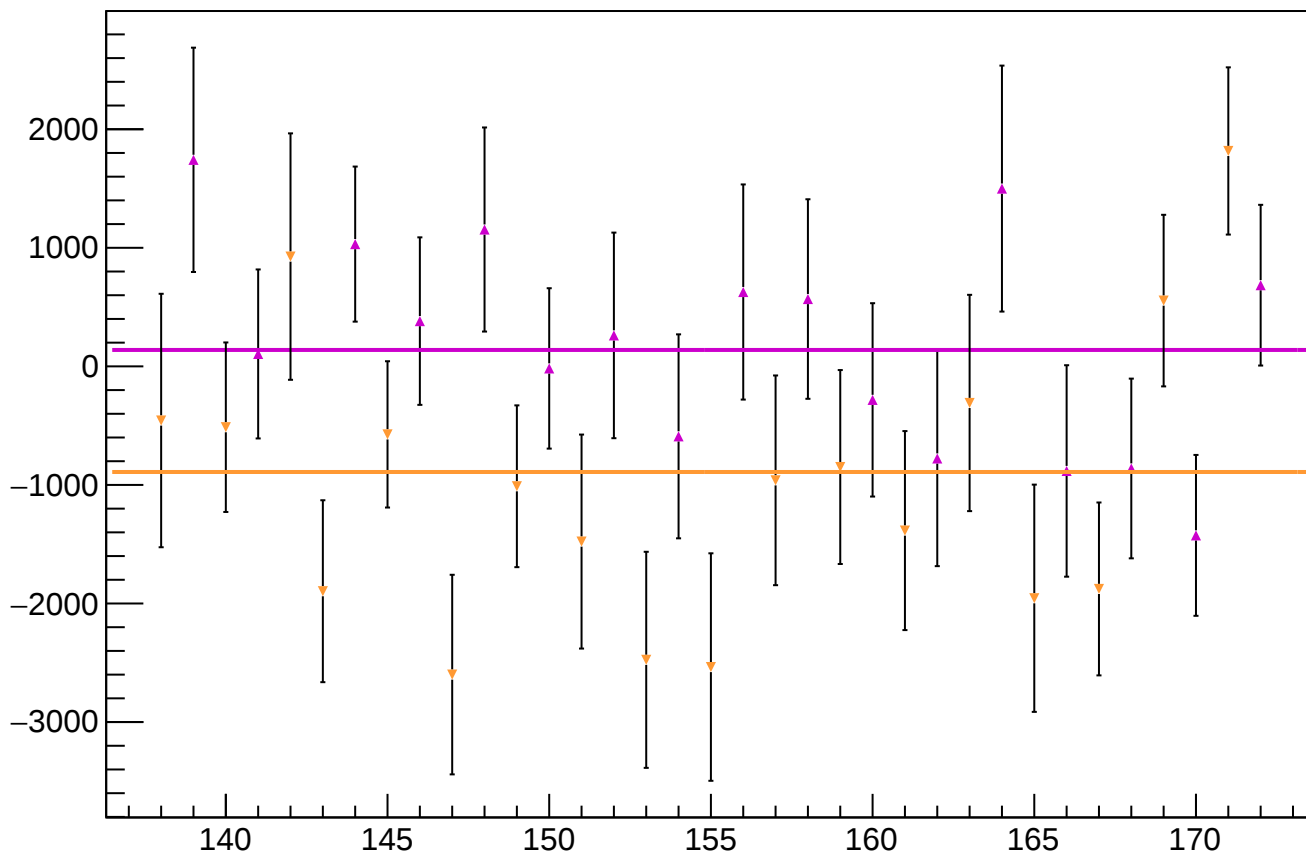
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 101.646+/-0.016 χ^2/NDF : 1115405.3/33

Out: 97.839+/-0.016 χ^2/NDF : 1715000.5/35

All: 99.663+/-0.011 χ^2/NDF : 2858630.4/69

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -890.844+/-190.876 χ^2/NDF :38.6/17

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

Left In: 138.439+/-191.510 χ^2/NDF :19.6/16

Left: -377.911+/-135.193 χ^2/NDF : 72.7/34

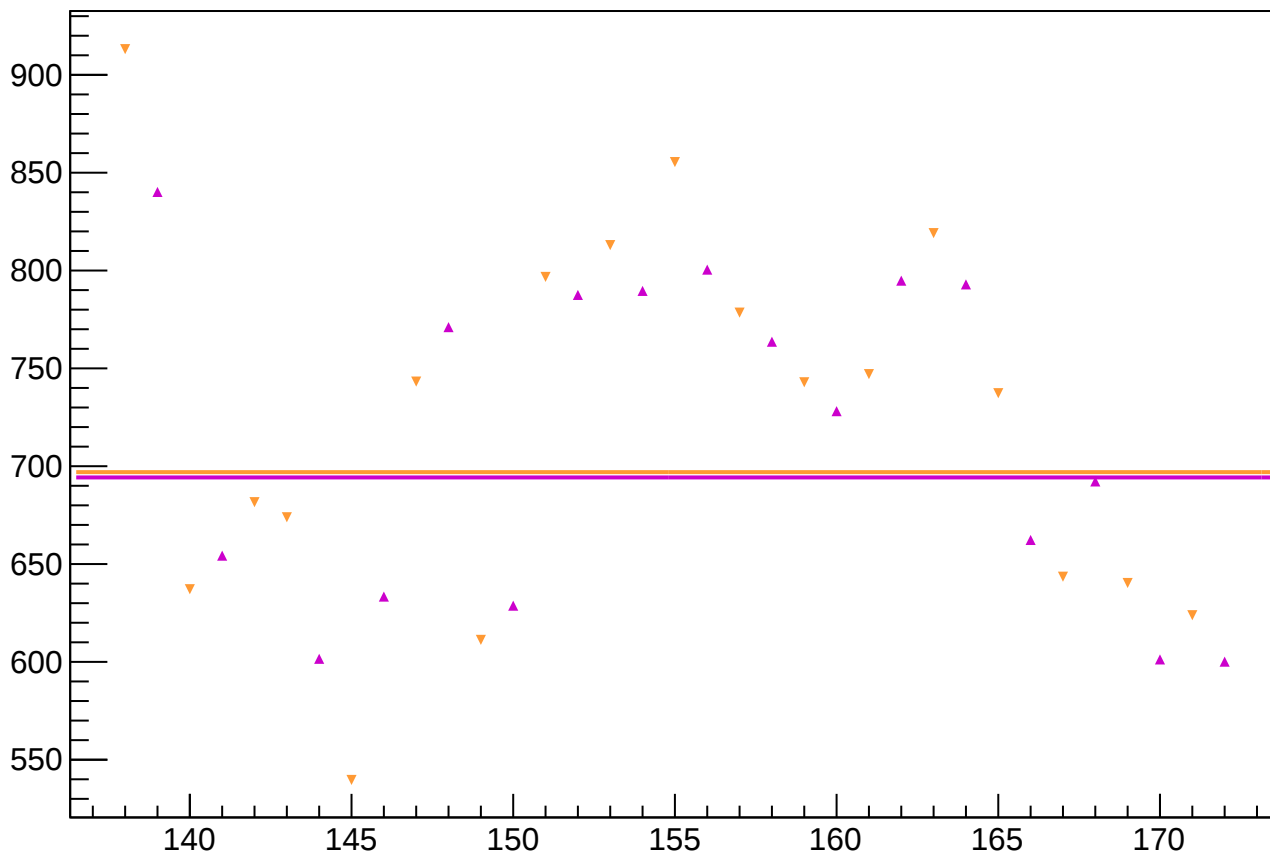
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.439+/-191.510 χ^2/NDF :19.6/16

Out: -890.844+/-190.876 χ^2/NDF :38.6/17

All: -377.911+/-135.193 χ^2/NDF : 72.7/34

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 696.971+/-0.135 χ^2/NDF :491459.4/17

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

Left In: 694.259+/-0.135 χ^2/NDF :357115.4/16

Left: 695.620+/-0.096 χ^2/NDF : 848776.0/34

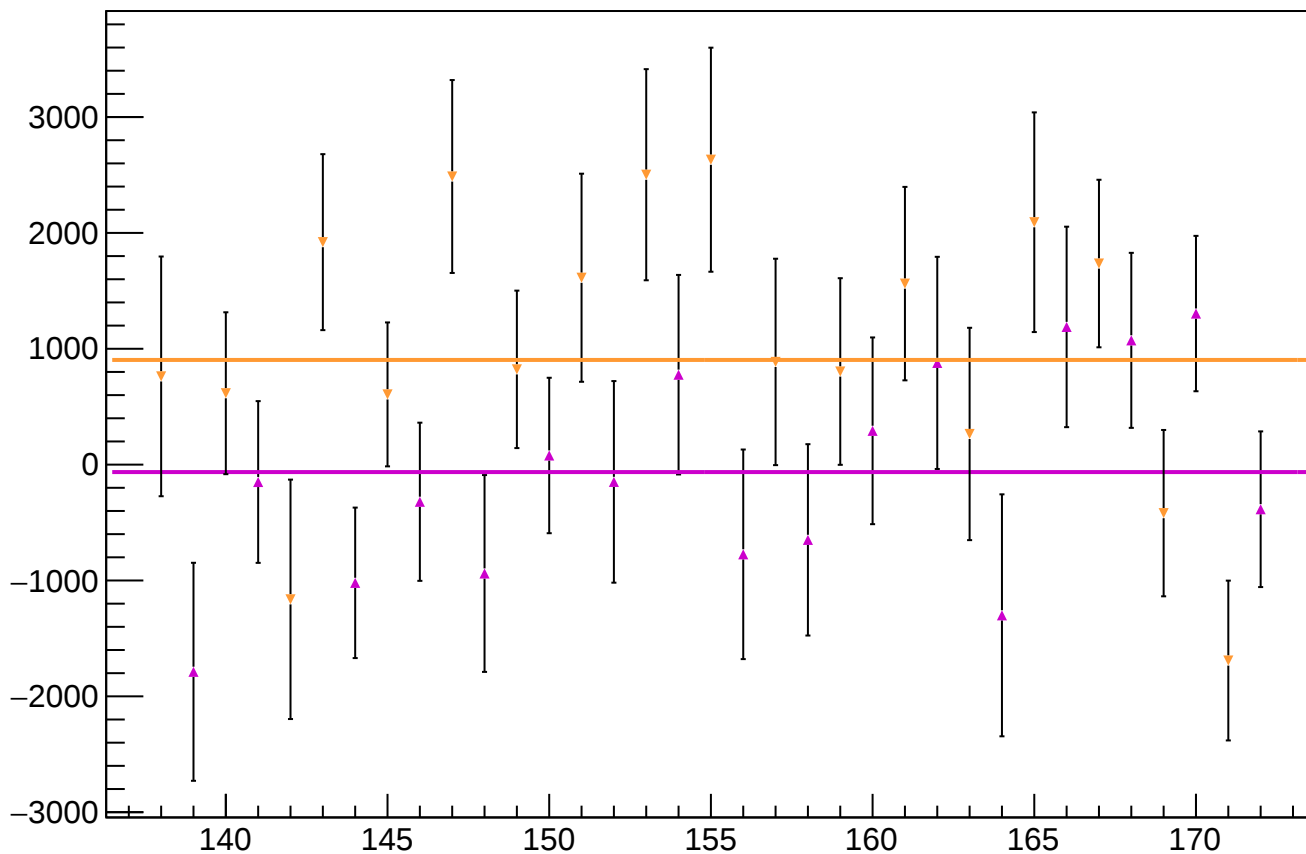
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.259+/-0.135 χ^2/NDF :357115.4/16

Out: 696.971+/-0.135 χ^2/NDF :491459.4/17

All: 695.620+/-0.096 χ^2/NDF : 848776.0/34

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 903.597 $\pm$ 189.448 χ^2 /NDF:38.3/17

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

Left In: -64.306 $\pm$ 189.517 χ^2 /NDF:20.3/16

Left: 419.823 $\pm$ 133.984 χ^2 /NDF: 71.6/34

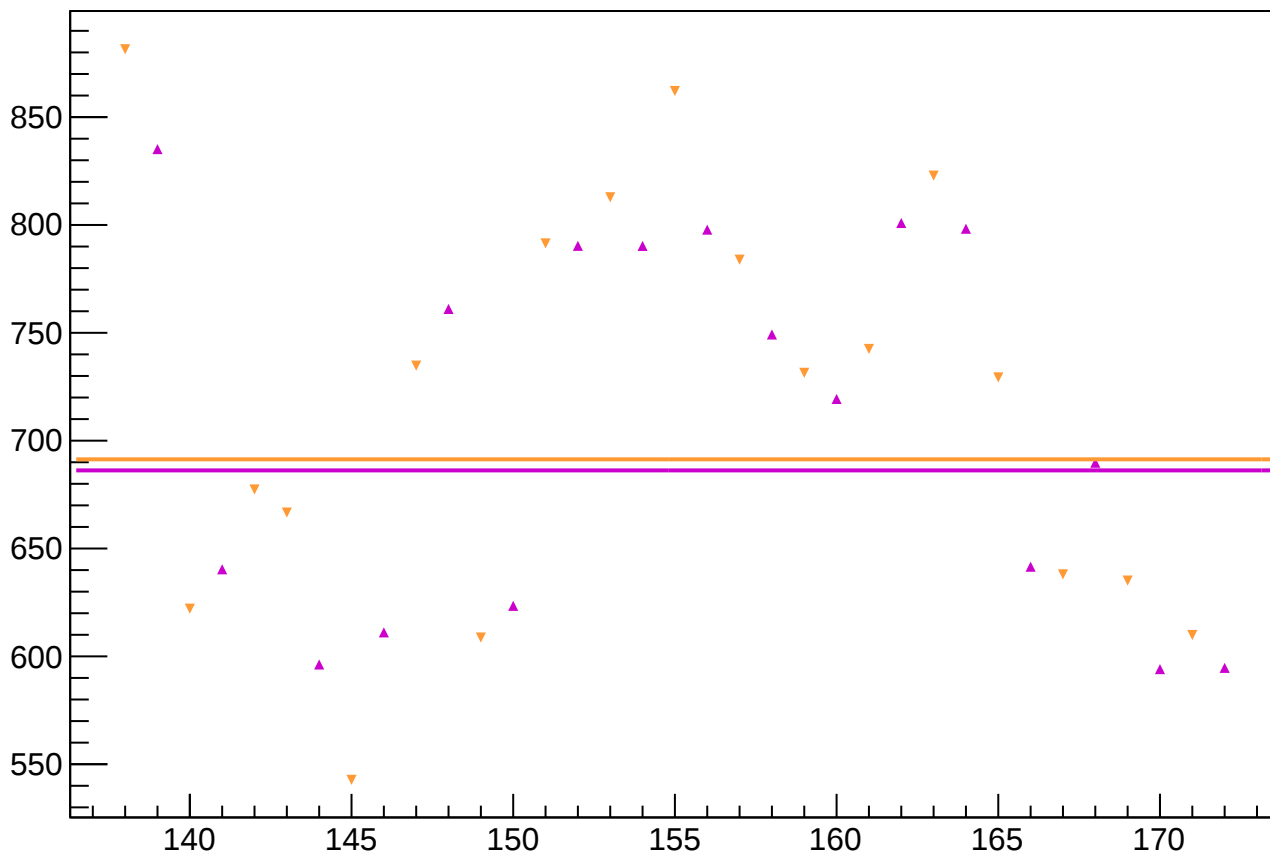
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -64.306 $\pm$ 189.517 χ^2 /NDF:20.3/16

Out: 903.597 $\pm$ 189.448 χ^2 /NDF:38.3/17

All: 419.823 $\pm$ 133.984 χ^2 /NDF: 71.6/34

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

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

Left In: 686.222+/-0.134 χ^2/NDF : 392388.5/16

Left: 688.789+/-0.095 χ^2/NDF : 884542.4/34

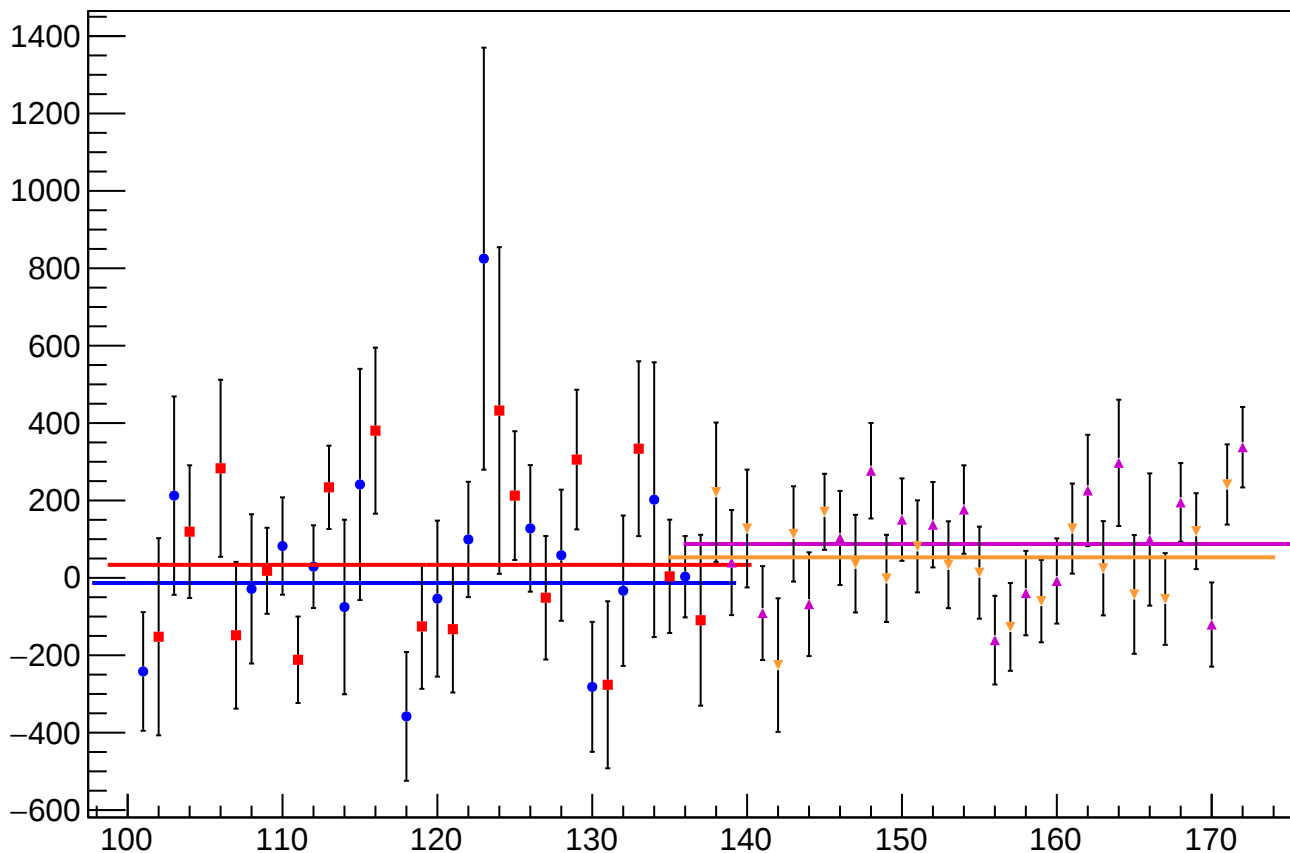
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 686.222+/-0.134 χ^2/NDF : 392388.5/16

Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

All: 688.789+/-0.095 χ^2/NDF : 884542.4/34

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 53.132 ± 28.206 $\chi^2/\text{NDF}: 14.9/17$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 87.547 ± 28.935 $\chi^2/\text{NDF}: 27.1/16$

Left: 69.901 ± 20.197 $\chi^2/\text{NDF}: 42.8/34$

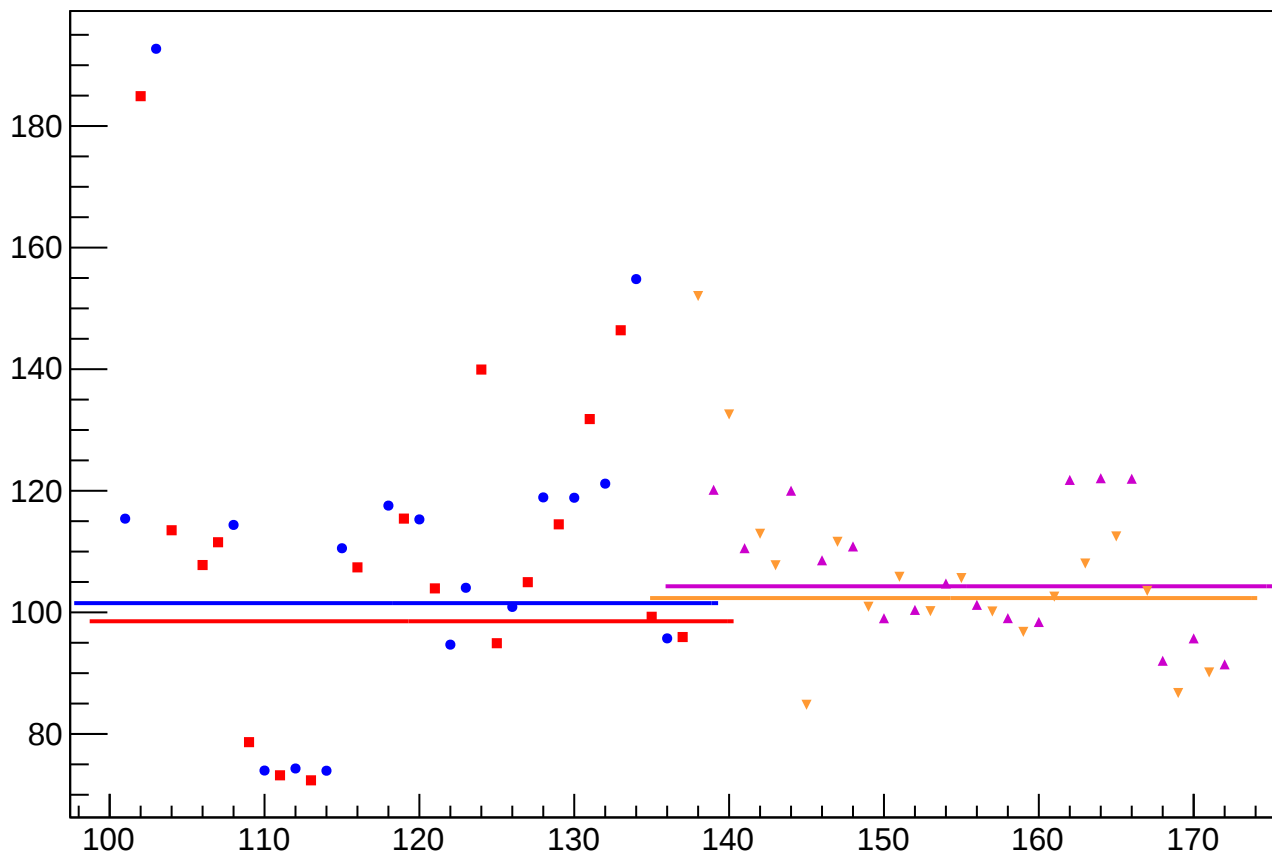
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 53.556 ± 23.554 $\chi^2/\text{NDF}: 46.9/33$

Out: 46.413 ± 22.833 $\chi^2/\text{NDF}: 39.8/35$

All: 49.873 ± 16.394 $\chi^2/\text{NDF}: 86.7/69$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 102.353 $\pm$ 0.020 χ^2 /NDF: 419397.7/17

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 104.292 $\pm$ 0.020 χ^2 /NDF: 234057.9/16

Left: 103.298 $\pm$ 0.014 χ^2 /NDF: 658059.8/34

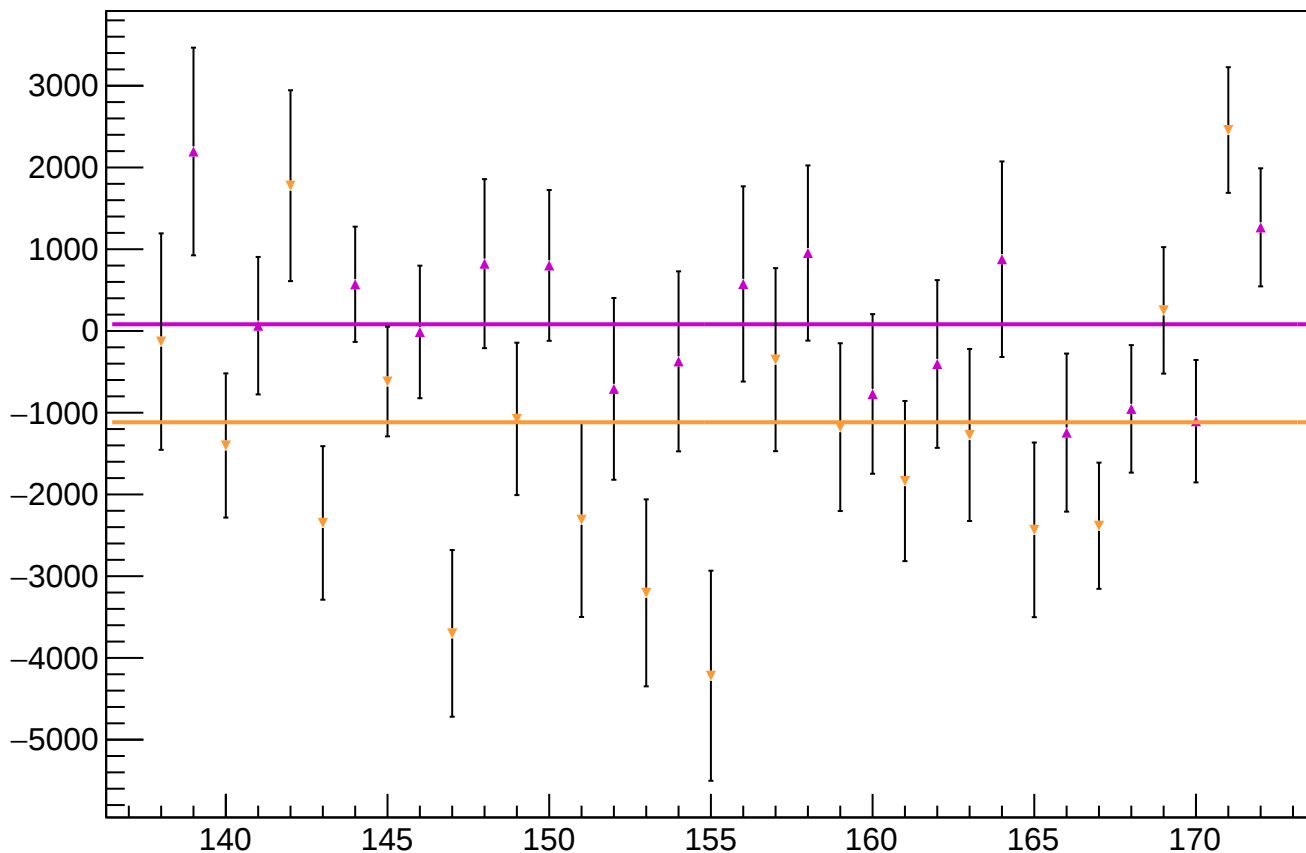
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 103.357 $\pm$ 0.017 χ^2 /NDF: 921968.8/33

Out: 101.038 $\pm$ 0.016 χ^2 /NDF: 1179001.0/35

All: 102.161 $\pm$ 0.012 χ^2 /NDF: 2110963.6/69

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

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

Left In: 81.866+/-223.646 χ^2/NDF :16.2/16

Left: -513.667+/-158.634 χ^2/NDF : 86.1/34

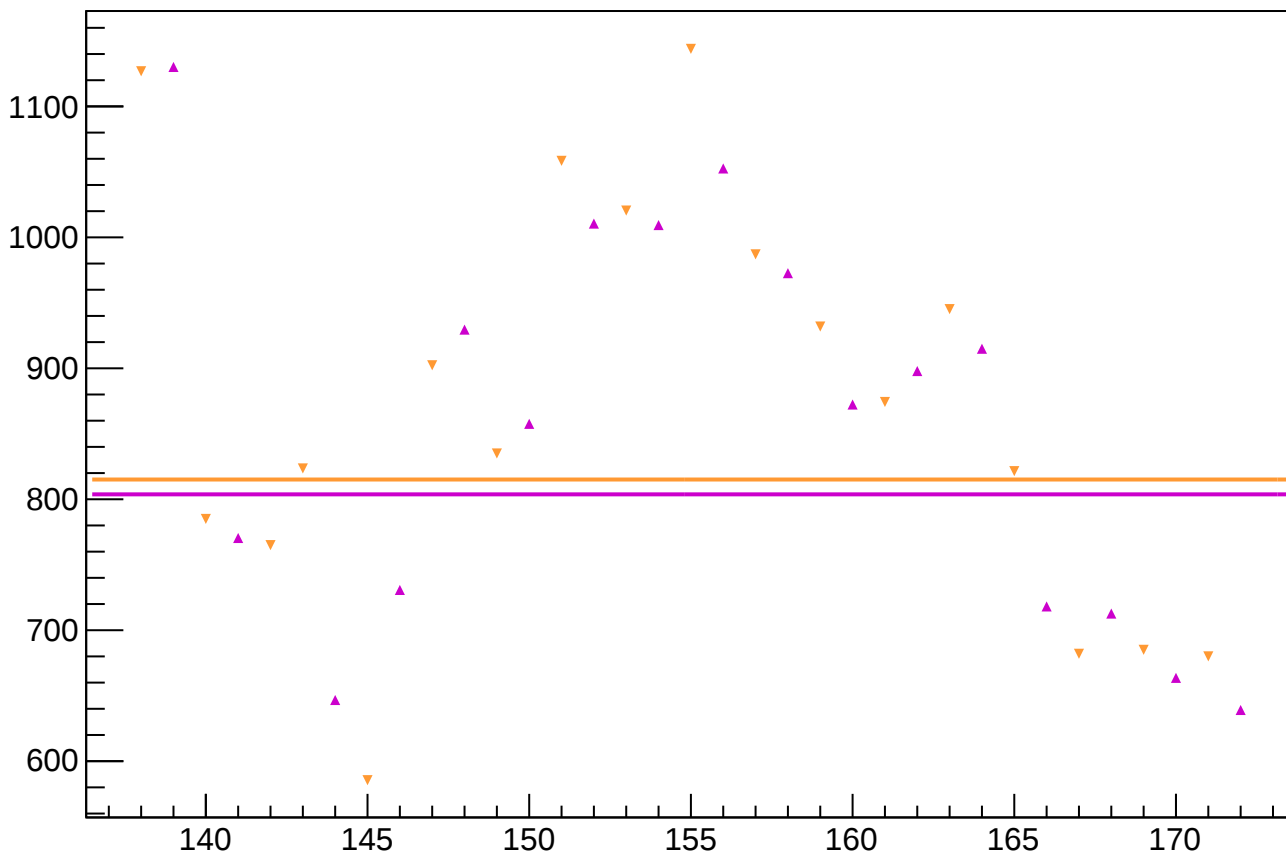
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.866+/-223.646 χ^2/NDF :16.2/16

Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

All: -513.667+/-158.634 χ^2/NDF : 86.1/34

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 815.085+/-0.159 χ^2/NDF :934957.1/17

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

Left In: 803.754+/-0.158 χ^2/NDF :823325.7/16

Left: 809.384+/-0.112 χ^2/NDF : 1760833.3/34

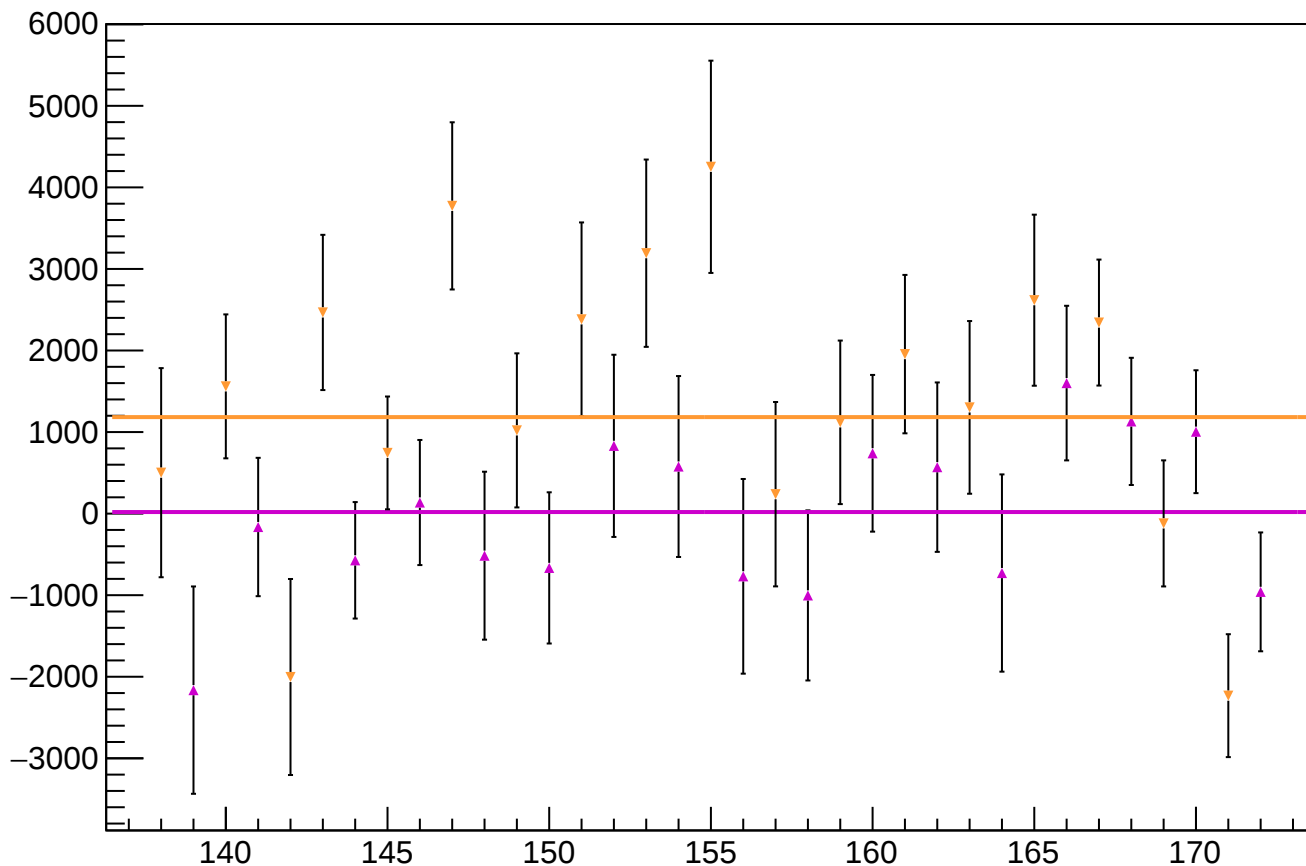
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 803.754+/-0.158 χ^2/NDF :823325.7/16

Out: 815.085+/-0.159 χ^2/NDF :934957.1/17

All: 809.384+/-0.112 χ^2/NDF : 1760833.3/34

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1183.431+/-225.520 χ^2/NDF :54.6/17

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

Left In: 19.419+/-222.986 χ^2/NDF :16.3/16

Left: 594.850+/-158.563 χ^2/NDF : 84.4/34

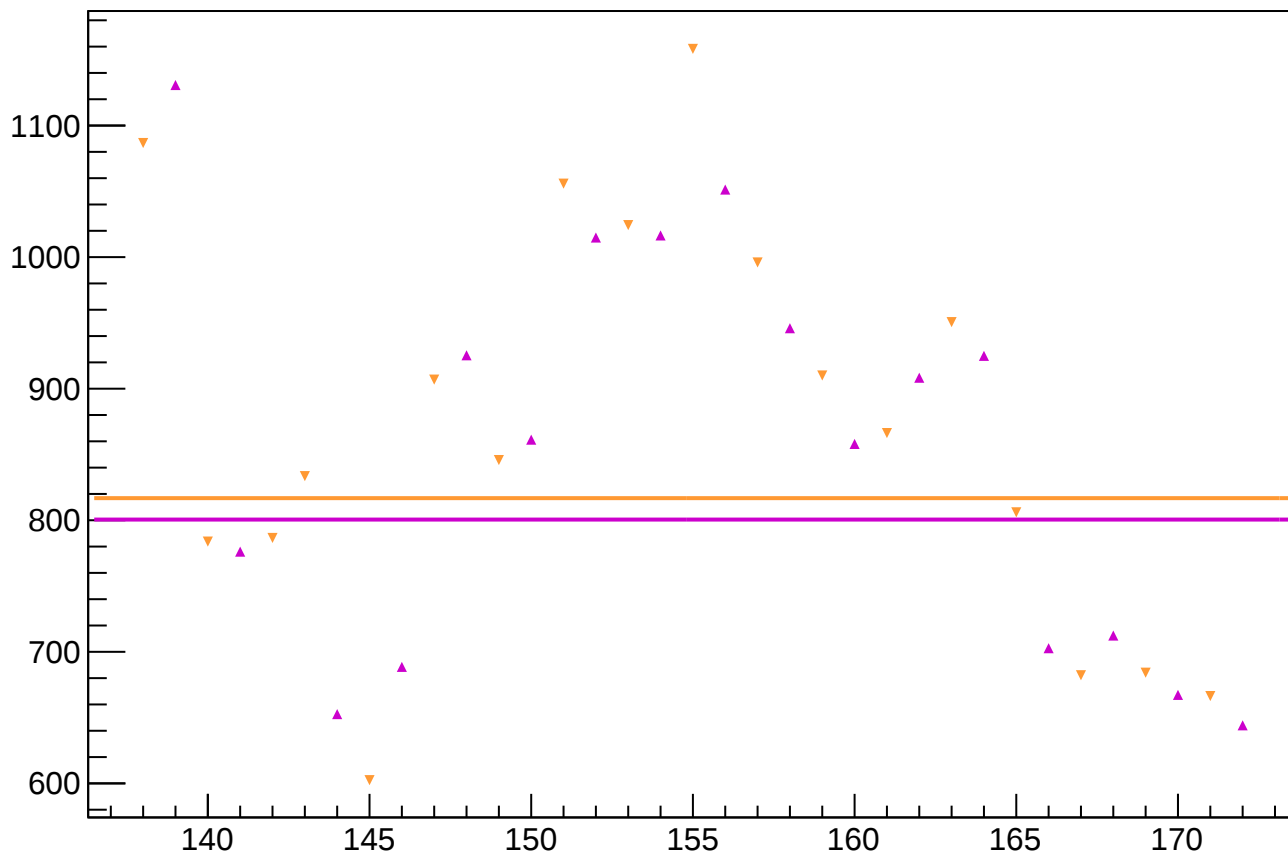
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.419+/-222.986 χ^2/NDF :16.3/16

Out: 1183.431+/-225.520 χ^2/NDF :54.6/17

All: 594.850+/-158.563 χ^2/NDF : 84.4/34

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 816.805+/-0.159 χ^2/NDF : 891103.2/17

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

Left In: 800.524+/-0.158 χ^2/NDF : 831247.1/16

Left: 808.573+/-0.112 χ^2/NDF : 1727621.2/34

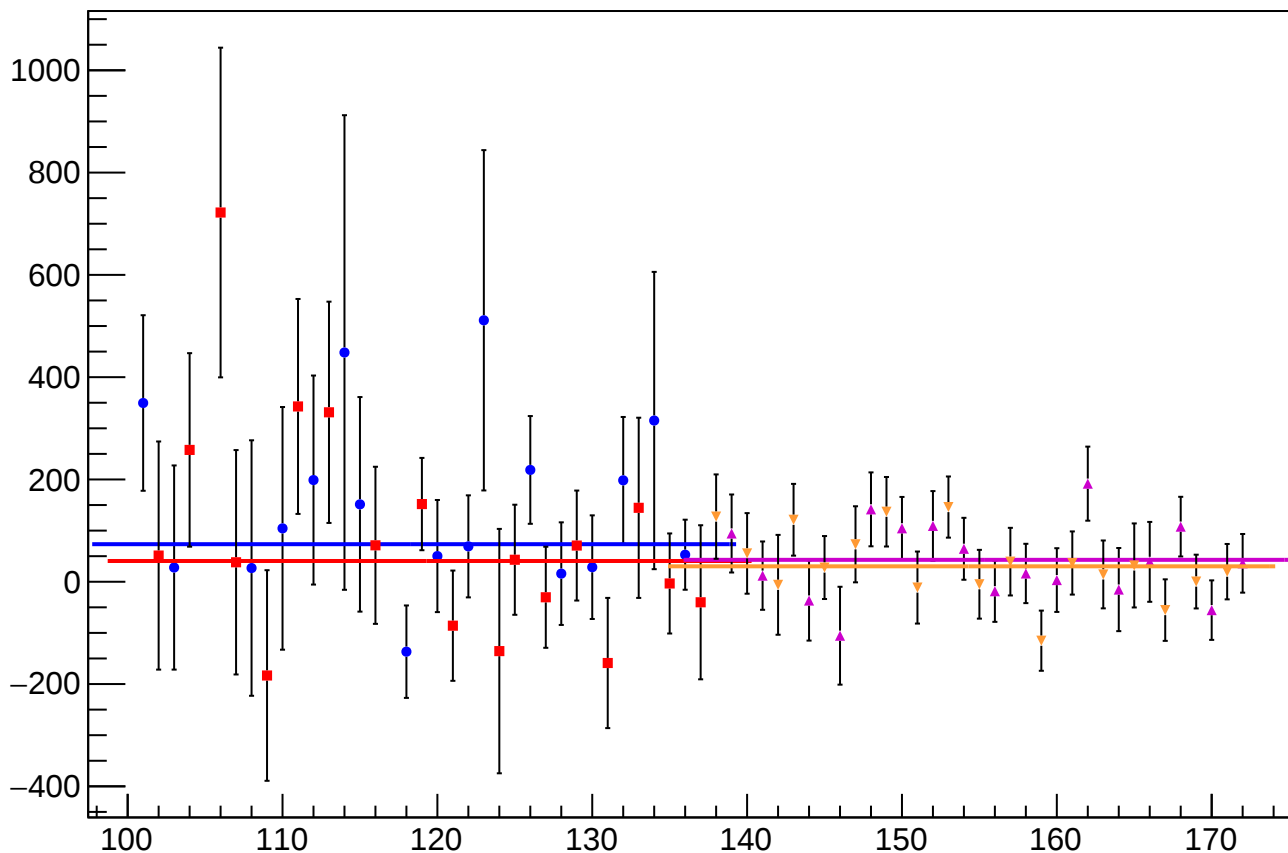
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 800.524+/-0.158 χ^2/NDF : 831247.1/16

Out: 816.805+/-0.159 χ^2/NDF : 891103.2/17

All: 808.573+/-0.112 χ^2/NDF : 1727621.2/34

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: 30.176 $\pm$ 15.590 χ^2 /NDF:19.1/17

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 42.856 $\pm$ 16.121 χ^2 /NDF:18.6/16

Left: 36.303 $\pm$ 11.207 χ^2 /NDF: 38.0/34

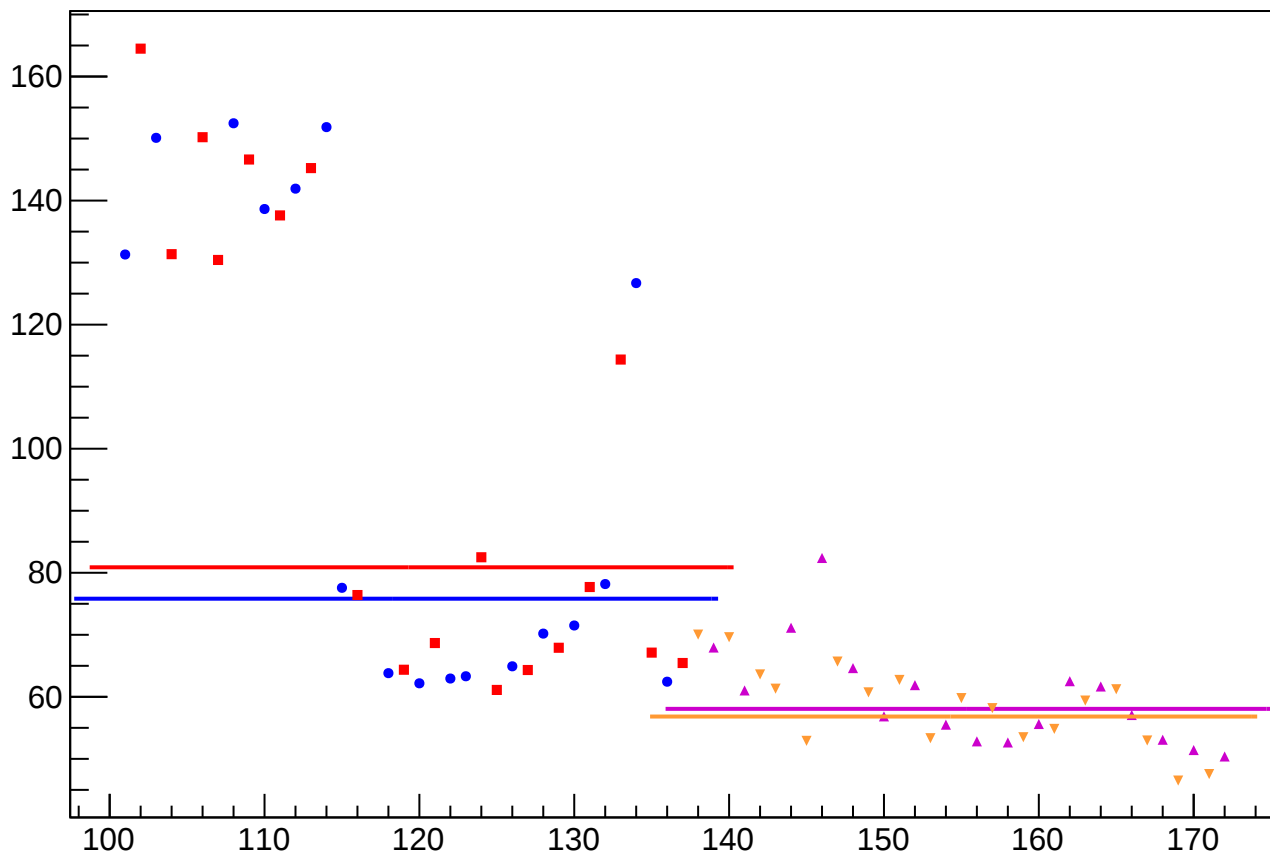
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 49.348 $\pm$ 14.309 χ^2 /NDF:34.6/33

Out: 32.101 $\pm$ 14.076 χ^2 /NDF:37.4/35

All: 40.583 $\pm$ 10.034 χ^2 /NDF: 72.7/69

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: 56.823 $\pm$ 0.011 χ^2 /NDF: 351844.5/17

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 58.061 $\pm$ 0.011 χ^2 /NDF: 373844.8/16

Left: 57.421 $\pm$ 0.008 χ^2 /NDF: 731782.8/34

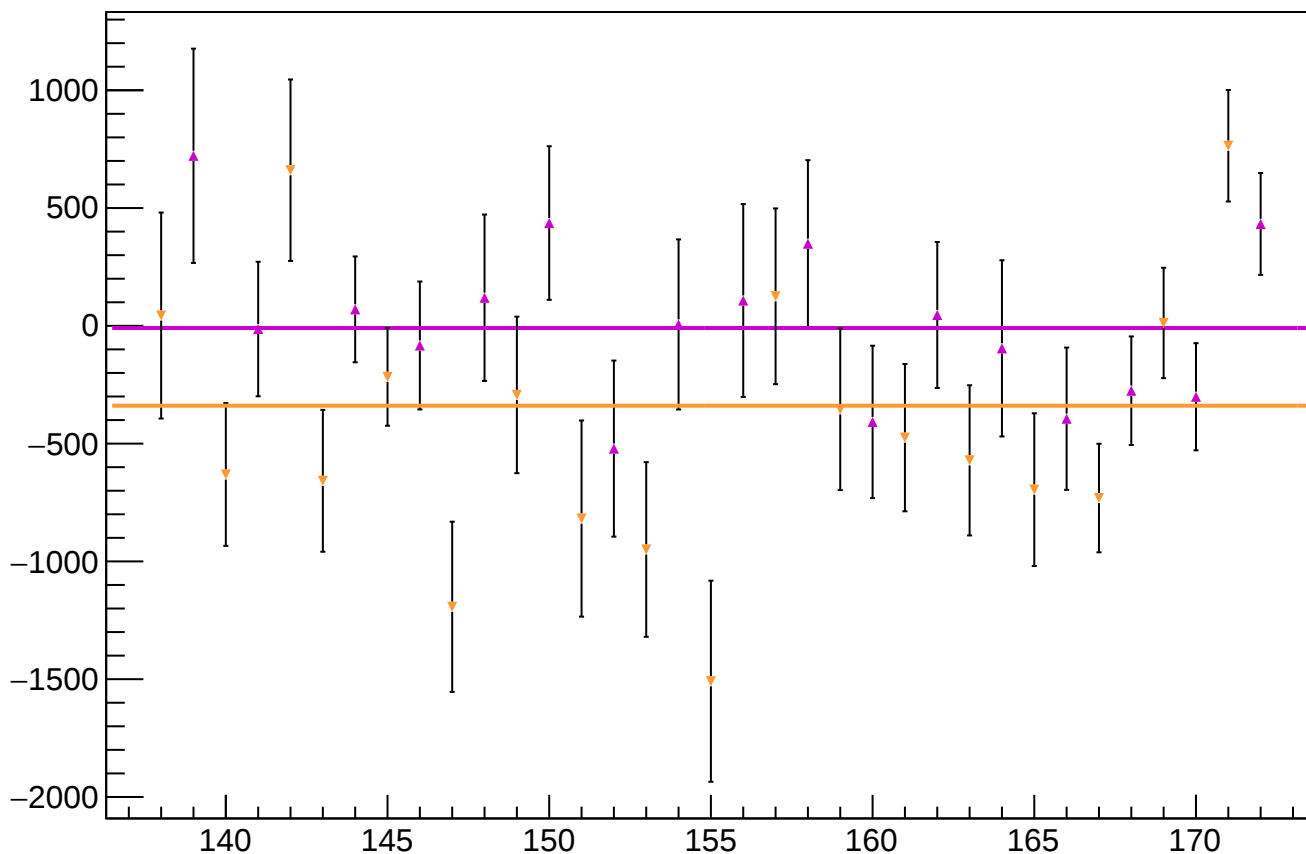
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 61.830 $\pm$ 0.010 χ^2 /NDF: 2238835.8/33

Out: 61.269 $\pm$ 0.010 χ^2 /NDF: 2758002.3/35

All: 61.545 $\pm$ 0.007 χ^2 /NDF: 4998401.6/69

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: -339.078 $\pm$ 72.068 χ^2 /NDF:57.4/17

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

Left In: -9.285 $\pm$ 71.736 χ^2 /NDF:18.1/16

Left: -173.420 $\pm$ 50.842 χ^2 /NDF: 86.1/34

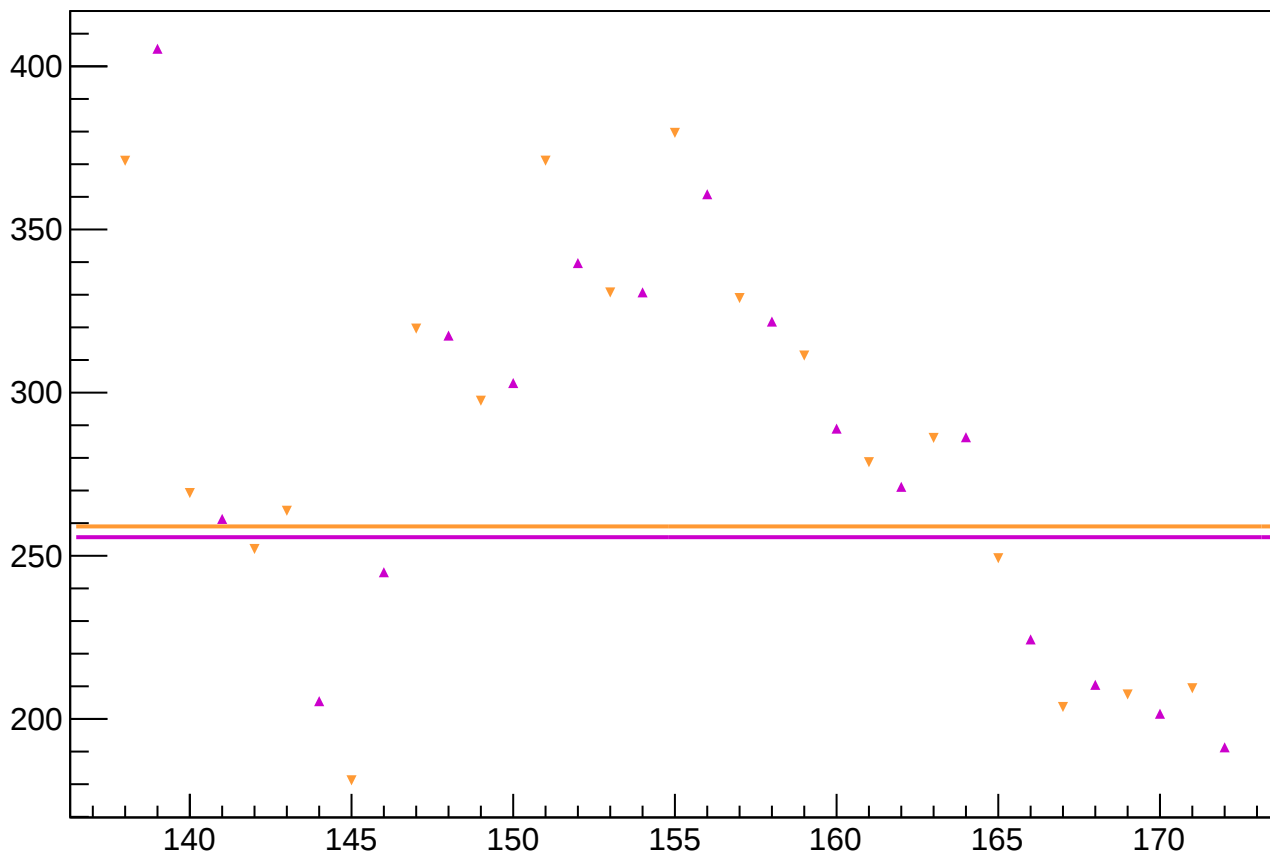
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.285 $\pm$ 71.736 χ^2 /NDF:18.1/16

Out: -339.078 $\pm$ 72.068 χ^2 /NDF:57.4/17

All: -173.420 $\pm$ 50.842 χ^2 /NDF: 86.1/34

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

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

Left In: 255.699+/-0.051 χ^2/NDF :1241481.3/16

Left: 257.341+/-0.036 χ^2/NDF : 2563140.4/34

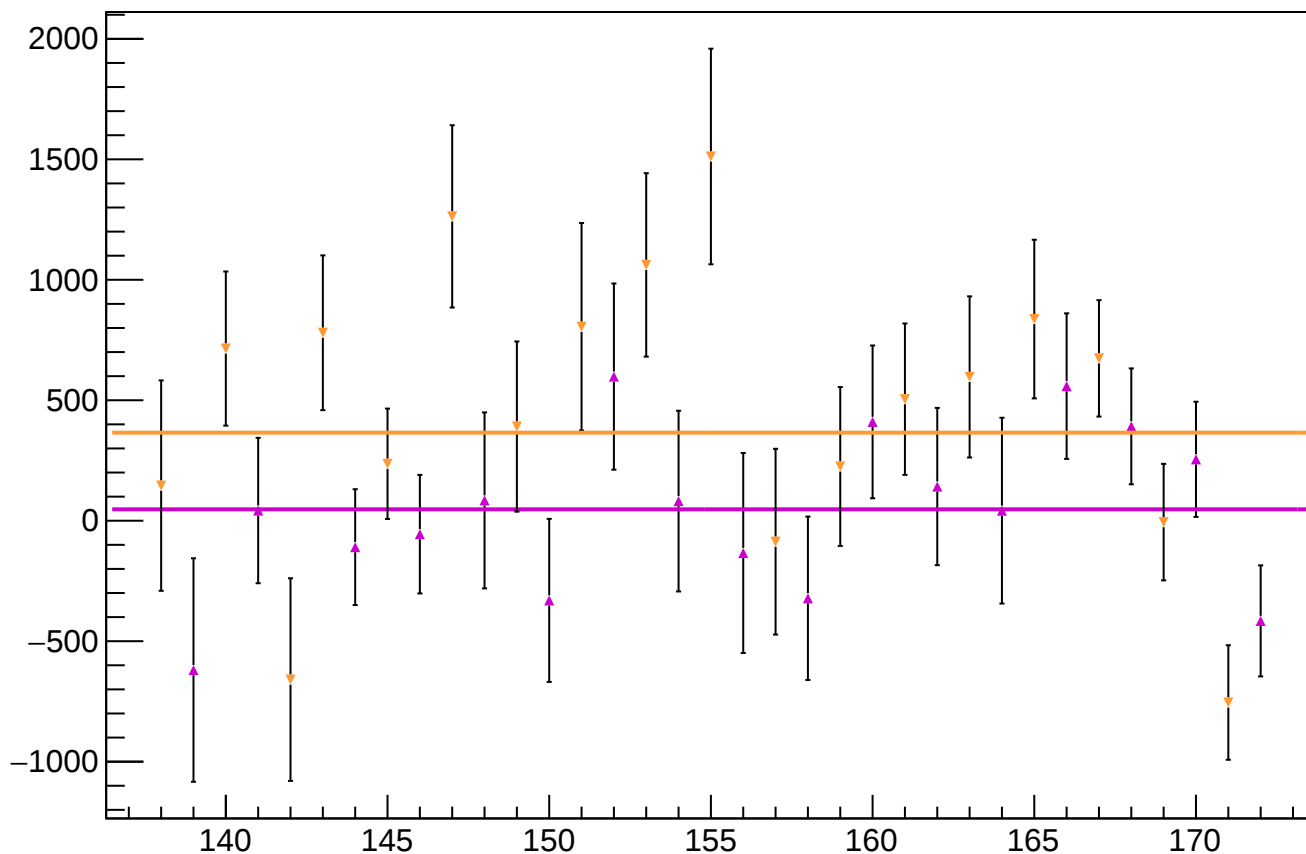
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 255.699+/-0.051 χ^2/NDF :1241481.3/16

Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

All: 257.341+/-0.036 χ^2/NDF : 2563140.4/34

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 365.526+/-74.978 χ^2/NDF :56.4/17

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

Left In: 47.362+/-73.591 χ^2/NDF :18.5/16

Left: 203.473+/-52.520 χ^2/NDF : 84.0/34

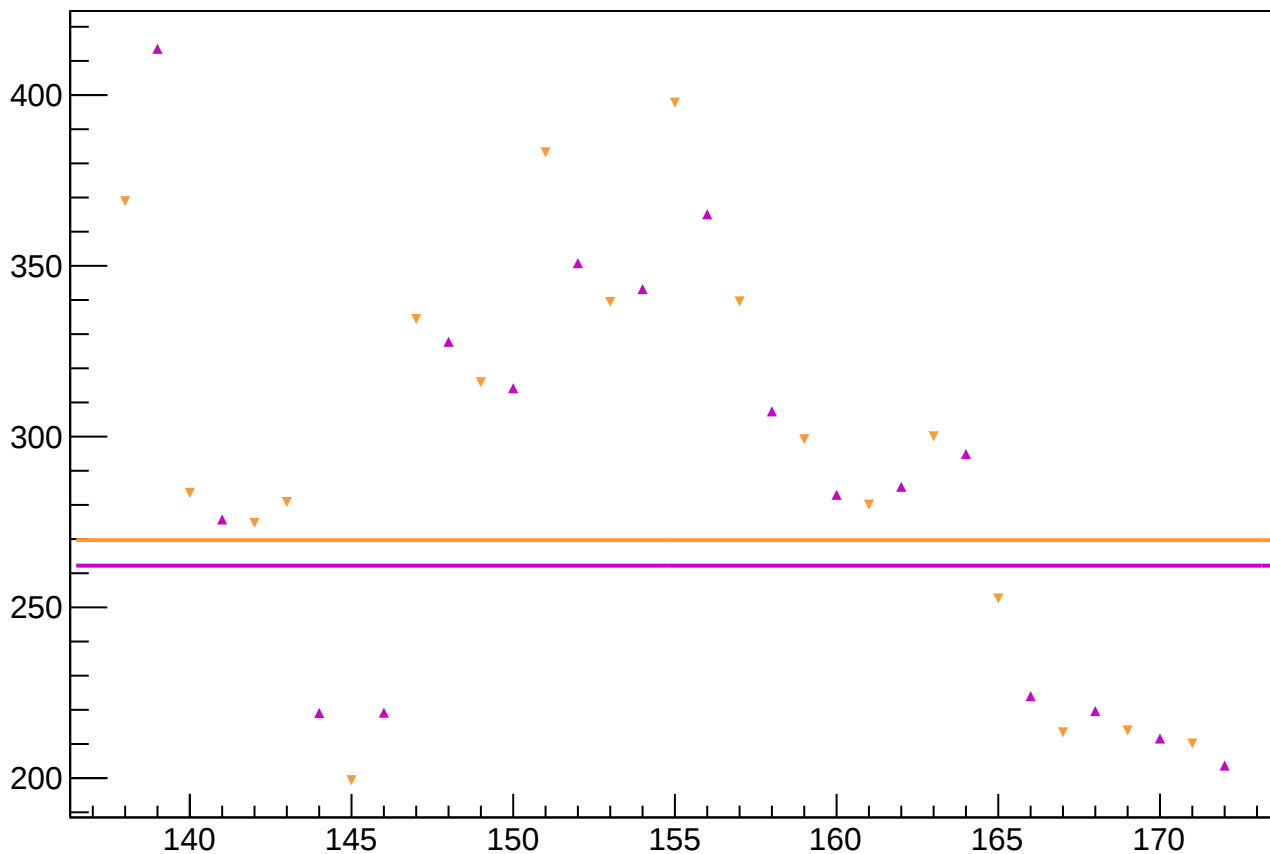
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.362+/-73.591 χ^2/NDF :18.5/16

Out: 365.526+/-74.978 χ^2/NDF :56.4/17

All: 203.473+/-52.520 χ^2/NDF : 84.0/34

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

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

Left In: 262.219+/-0.052 χ^2/NDF :1157219.7/16

Left: 265.882+/-0.037 χ^2/NDF : 2374543.5/34

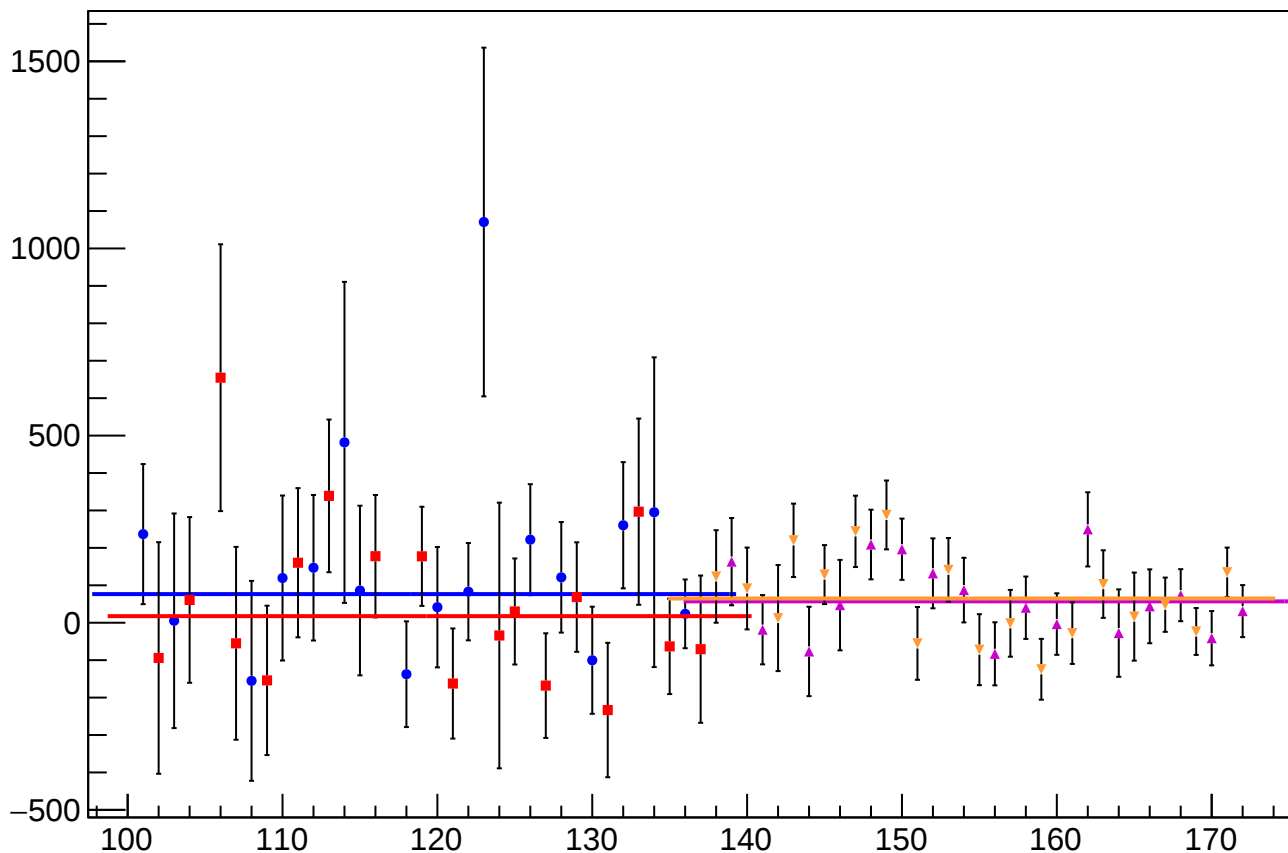
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 262.219+/-0.052 χ^2/NDF :1157219.7/16

Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

All: 265.882+/-0.037 χ^2/NDF : 2374543.5/34

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: 64.758 $\pm$ 20.662 χ^2 /NDF:28.2/17

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 57.113 $\pm$ 21.534 χ^2 /NDF:18.8/16

Left: 61.094 $\pm$ 14.909 χ^2 /NDF: 47.0/34

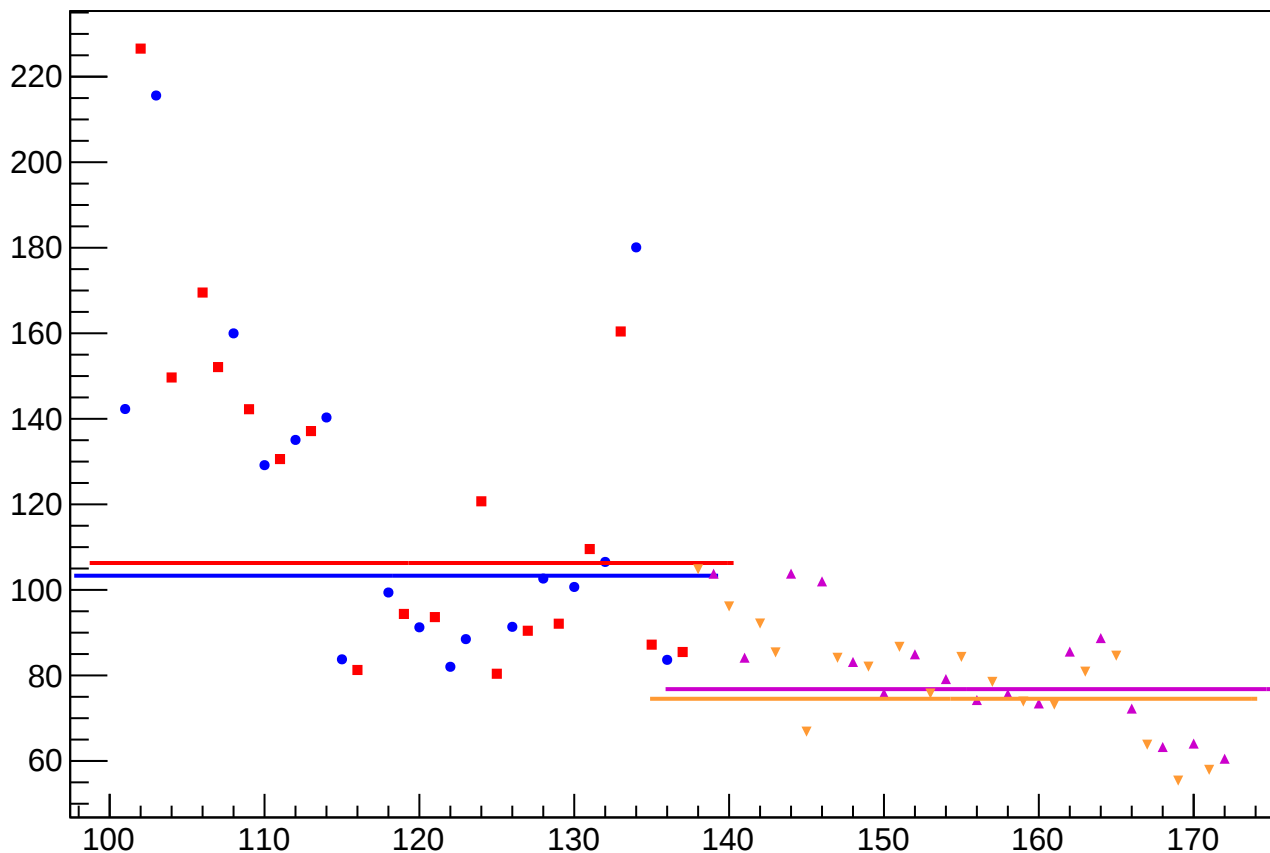
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 61.217 $\pm$ 19.119 χ^2 /NDF:32.8/33

Out: 55.674 $\pm$ 18.565 χ^2 /NDF:46.0/35

All: 58.364 $\pm$ 13.319 χ^2 /NDF: 78.9/69

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.541 $\pm$ 0.015 χ^2 /NDF: 745407.1/17

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 76.798 $\pm$ 0.015 χ^2 /NDF: 628532.8/16

Left: 75.623 $\pm$ 0.011 χ^2 /NDF: 1385375.7/34

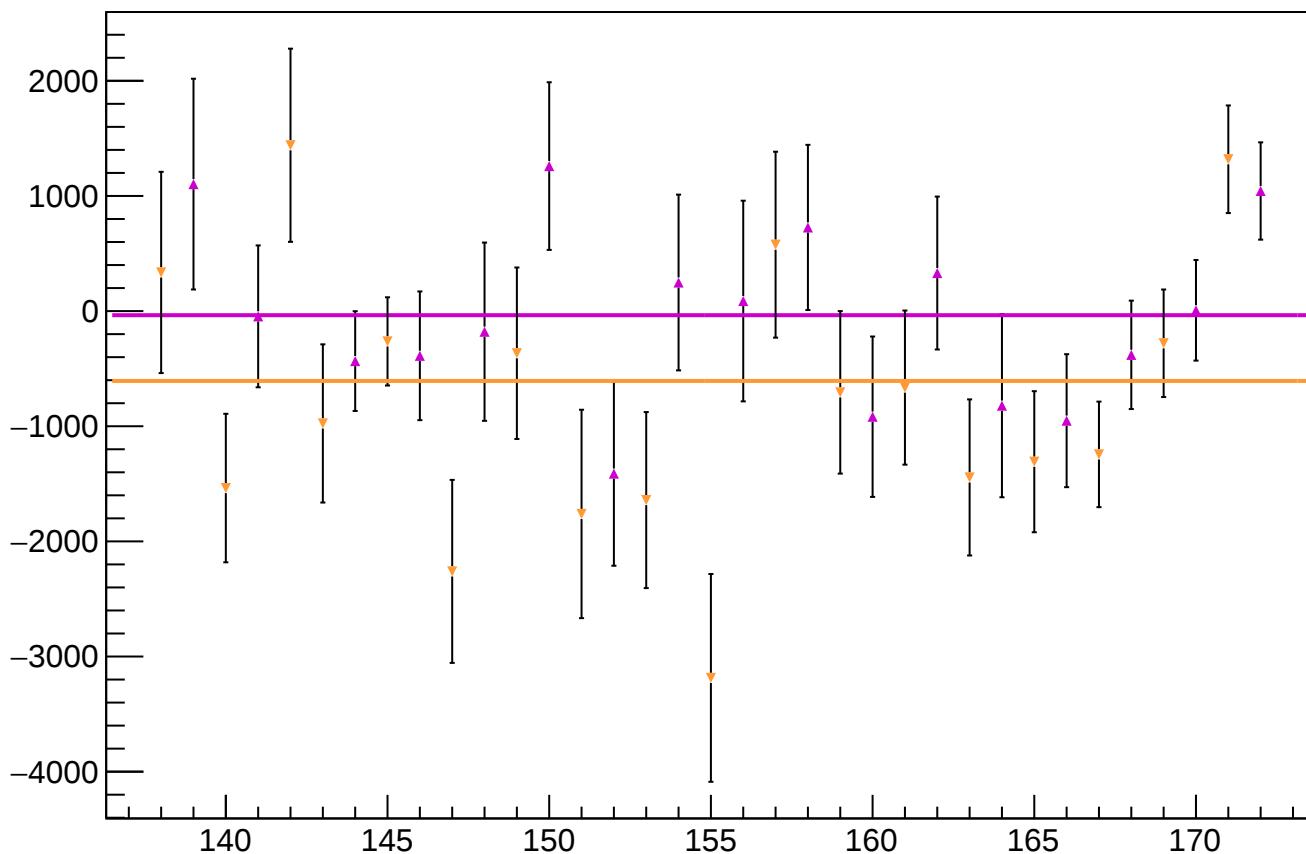
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 82.411 $\pm$ 0.014 χ^2 /NDF: 2108412.2/33

Out: 80.658 $\pm$ 0.013 χ^2 /NDF: 2655791.2/35

All: 81.508 $\pm$ 0.009 χ^2 /NDF: 4772862.2/69

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -606.608+/-147.199 χ^2/NDF :50.8/17

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

Left In: -35.531+/-146.310 χ^2/NDF :22.7/16

Left: -319.340+/-103.769 χ^2/NDF : 81.0/34

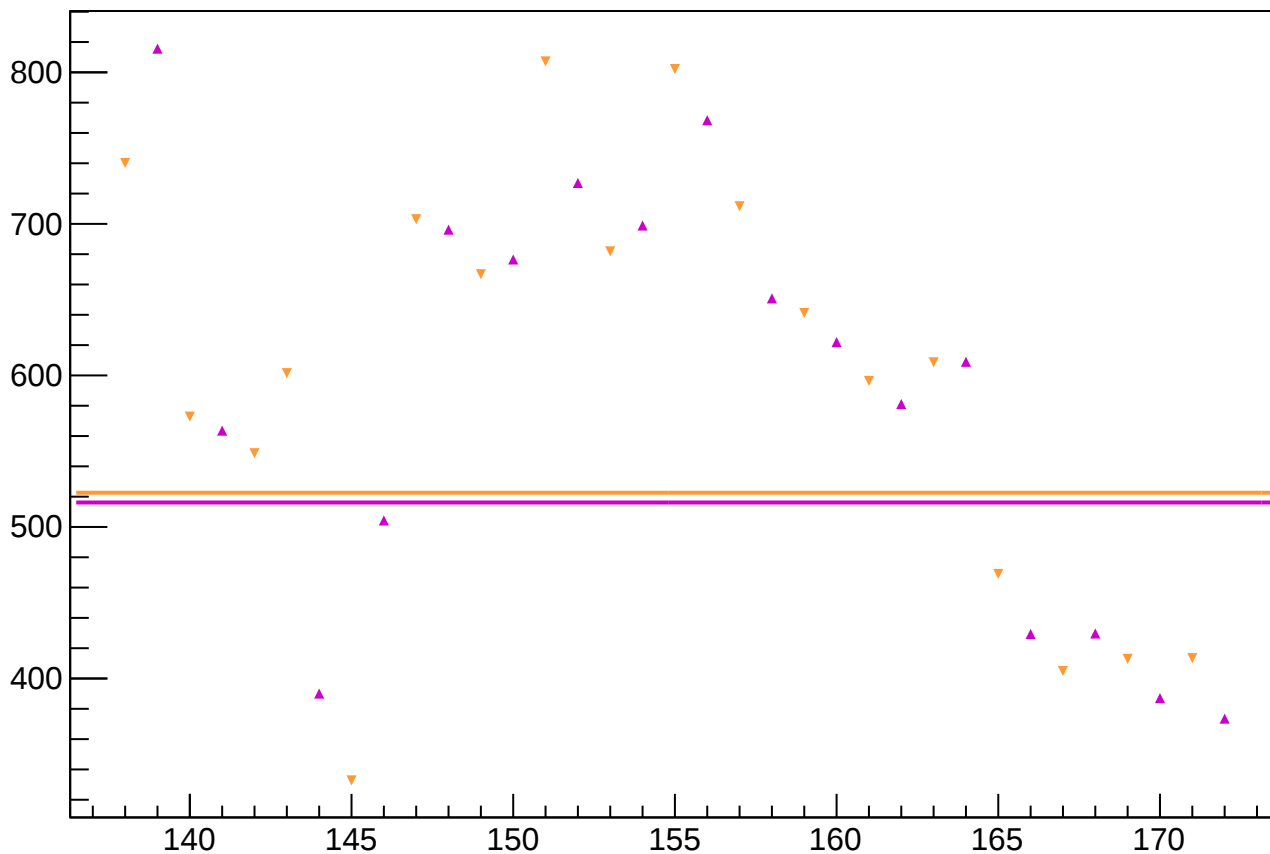
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.531+/-146.310 χ^2/NDF :22.7/16

Out: -606.608+/-147.199 χ^2/NDF :50.8/17

All: -319.340+/-103.769 χ^2/NDF : 81.0/34

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

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

Left In: 516.149+/-0.103 χ^2/NDF :1700840.9/16

Left: 519.358+/-0.073 χ^2/NDF : 3601847.3/34

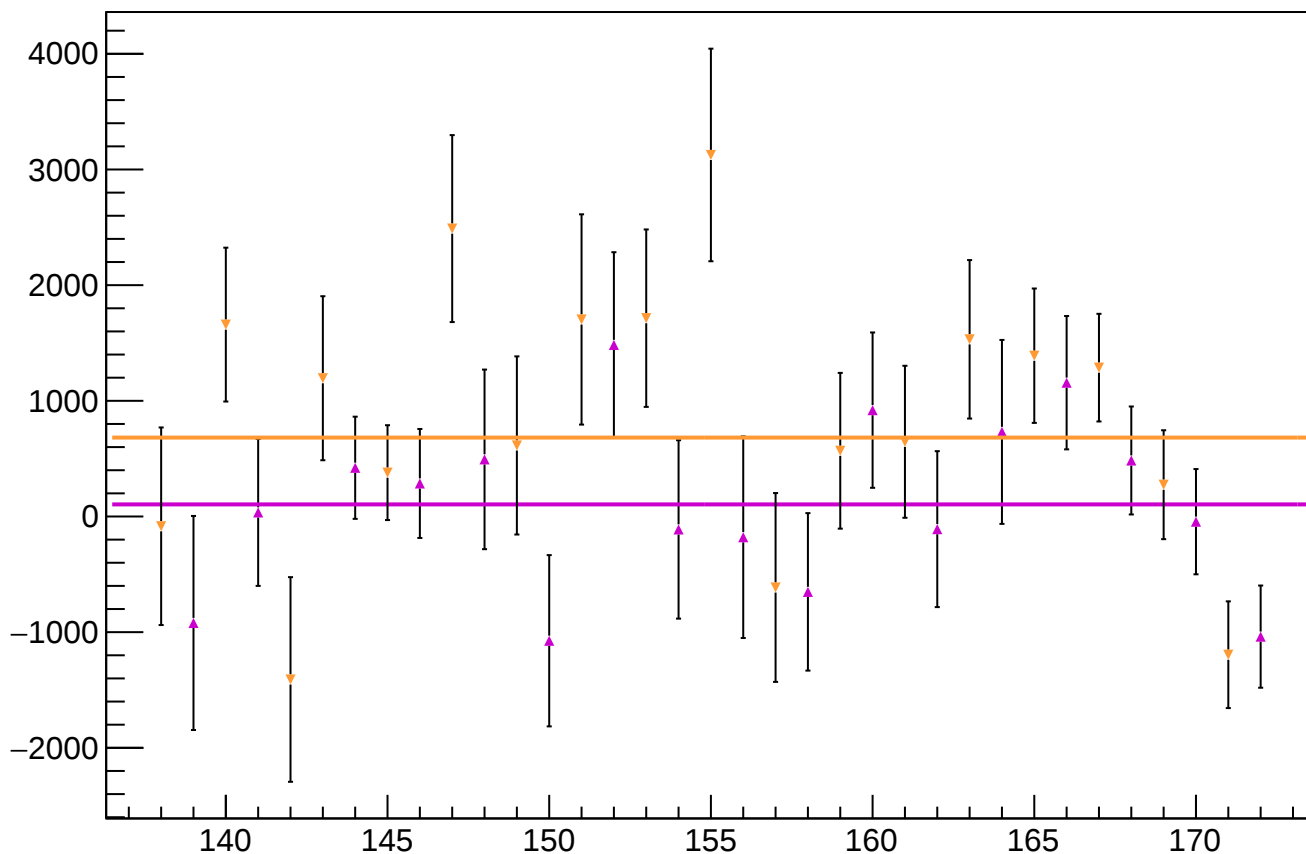
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.149+/-0.103 χ^2/NDF :1700840.9/16

Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

All: 519.358+/-0.073 χ^2/NDF : 3601847.3/34

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 682.186+/-148.901 χ^2/NDF :49.3/17

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

Left In: 104.547+/-145.820 χ^2/NDF :22.1/16

Left: 387.328+/-104.183 χ^2/NDF : 79.1/34

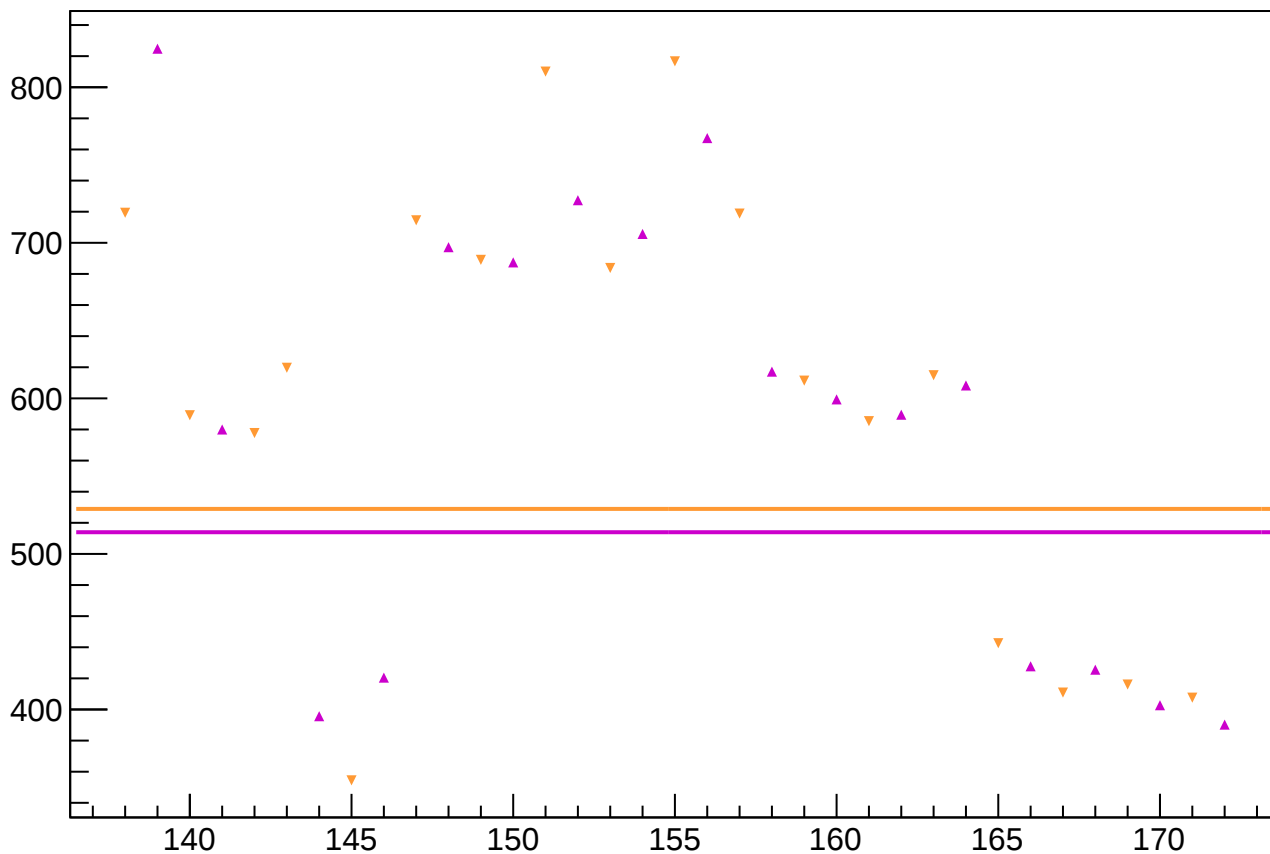
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.547+/-145.820 χ^2/NDF :22.1/16

Out: 682.186+/-148.901 χ^2/NDF :49.3/17

All: 387.328+/-104.183 χ^2/NDF : 79.1/34

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

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

Left In: 513.952+/-0.103 χ^2/NDF :1649561.1/16

Left: 521.291+/-0.074 χ^2/NDF : 3448169.4/34

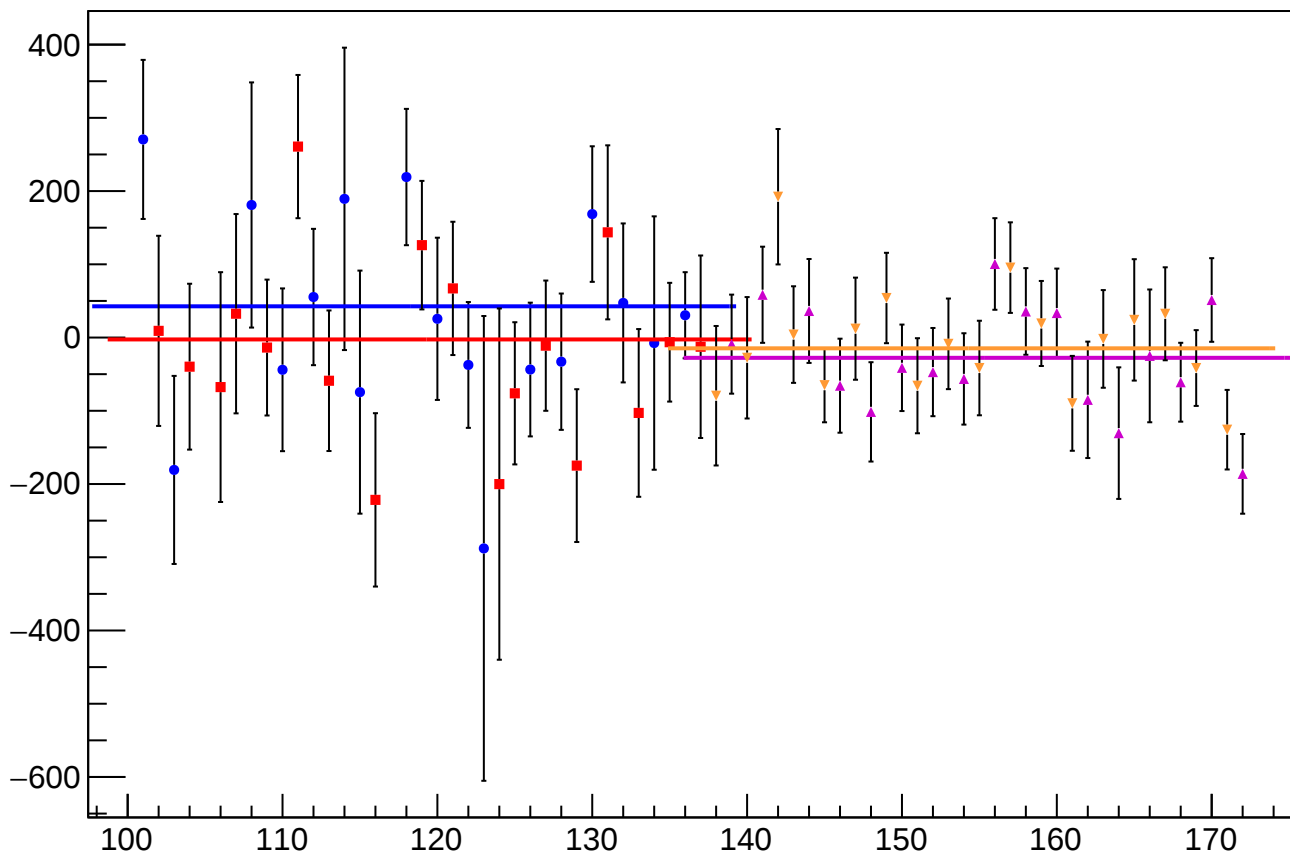
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 513.952+/-0.103 χ^2/NDF :1649561.1/16

Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

All: 521.291+/-0.074 χ^2/NDF : 3448169.4/34

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: -14.701 ± 15.204 $\chi^2/\text{NDF}: 18.9/17$

Right Out: -2.576 ± 25.088 $\chi^2/\text{NDF}: 20.4/17$

Left In: -27.683 ± 15.550 $\chi^2/\text{NDF}: 23.5/16$

Left: -21.046 ± 10.871 $\chi^2/\text{NDF}: 42.7/34$

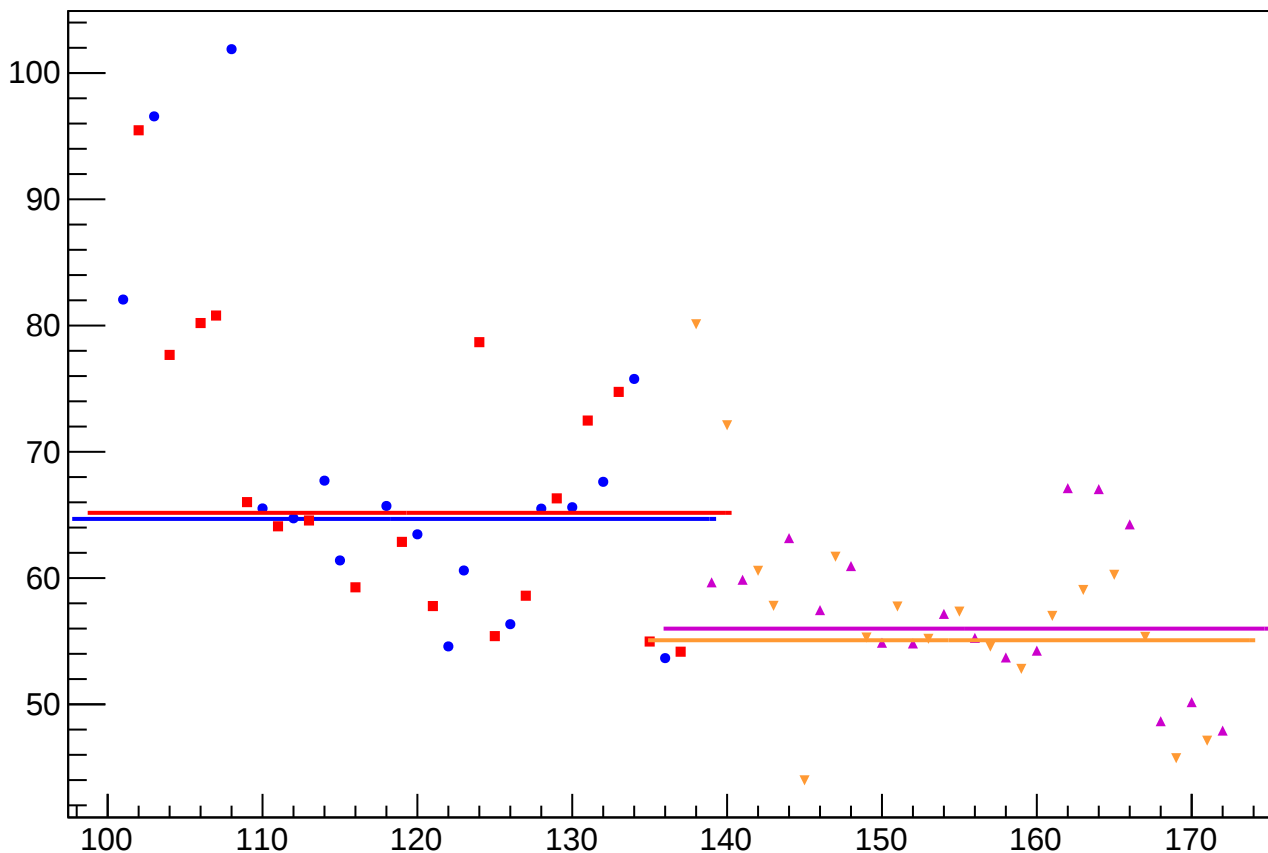
Right: 19.683 ± 17.879 $\chi^2/\text{NDF}: 40.9/34$

In: -8.601 ± 13.274 $\chi^2/\text{NDF}: 47.9/33$

Out: -11.444 ± 13.002 $\chi^2/\text{NDF}: 39.5/35$

All: -10.052 ± 9.289 $\chi^2/\text{NDF}: 87.4/69$

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: 55.075 $\pm$ 0.011 χ^2/NDF :480765.2/17

Right Out: 65.167 $\pm$ 0.018 χ^2/NDF : 304580.7/17

Left In: 55.995 $\pm$ 0.011 χ^2/NDF :240054.9/16

Left: 55.525 $\pm$ 0.008 χ^2/NDF : 724399.1/34

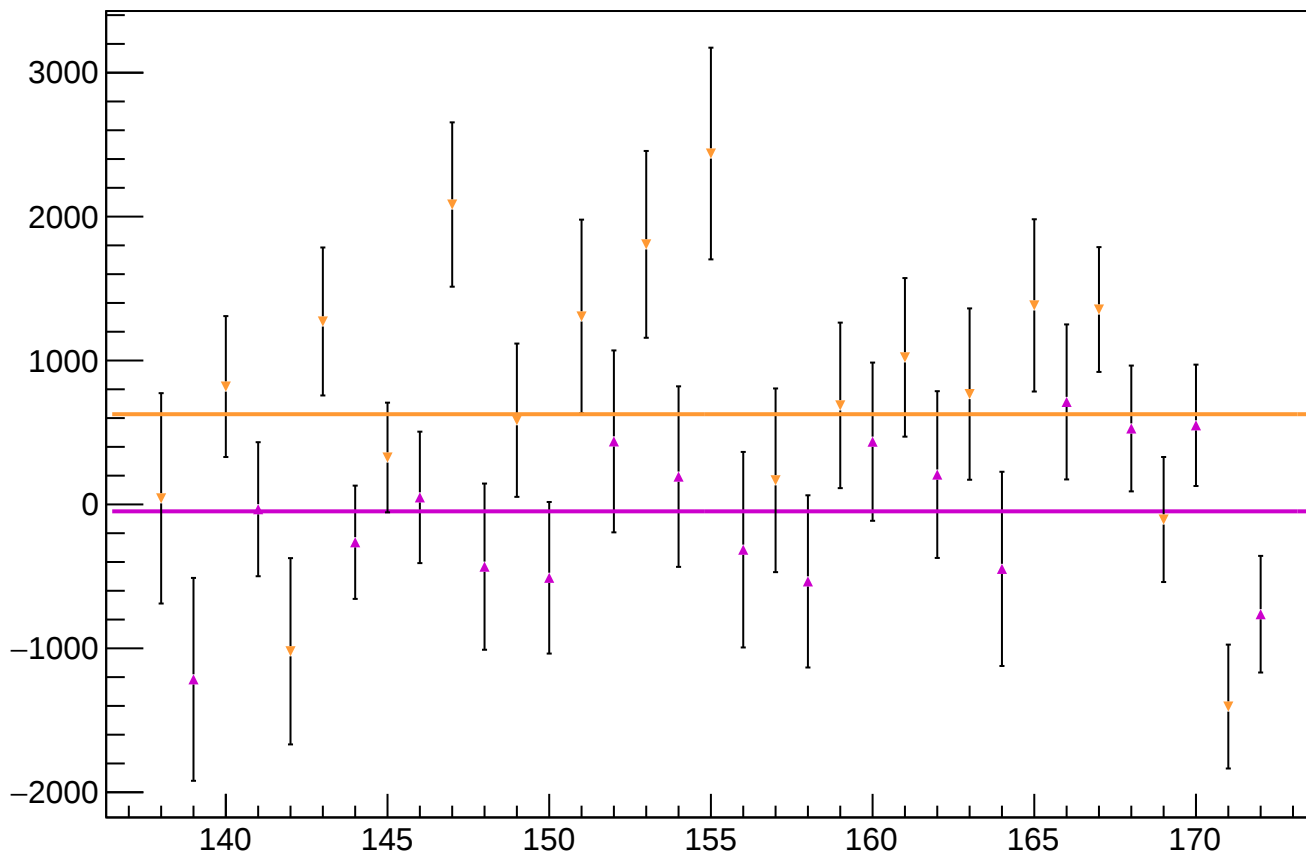
Right: 64.930 $\pm$ 0.013 χ^2/NDF : 705130.8/34

In: 58.353 $\pm$ 0.009 χ^2/NDF :809707.5/33

Out: 57.786 $\pm$ 0.009 χ^2/NDF :1022065.1/35

All: 58.063 $\pm$ 0.007 χ^2/NDF : 1833633.6/69

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: 626.976+/-126.468 χ^2/NDF : 57.0/17

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

Left In: -48.036+/-125.626 χ^2/NDF : 16.0/16

Left: 287.217+/-89.127 χ^2/NDF : 87.4/34

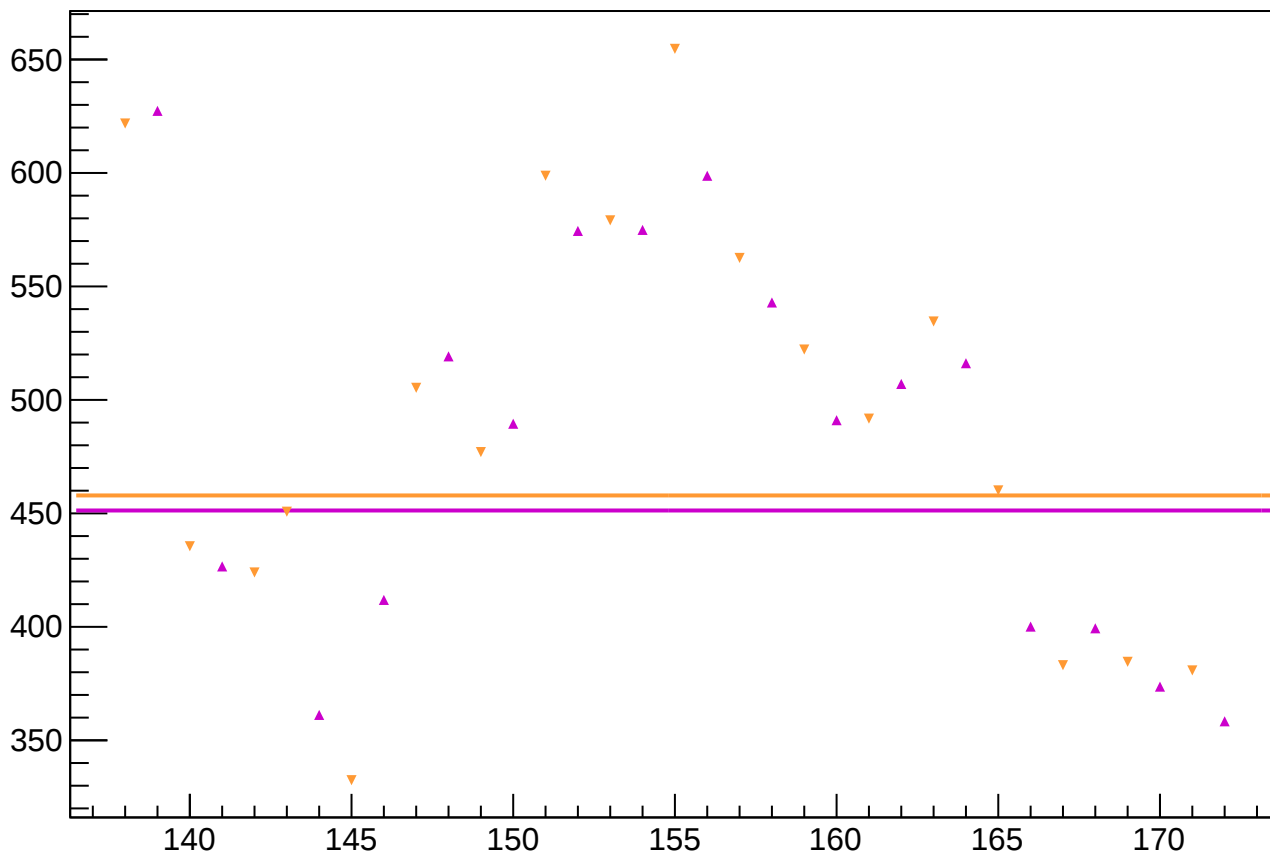
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.036+/-125.626 χ^2/NDF : 16.0/16

Out: 626.976+/-126.468 χ^2/NDF : 57.0/17

All: 287.217+/-89.127 χ^2/NDF : 87.4/34

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: 457.902+/-0.089 χ^2/NDF :944533.0/17

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

Left In: 451.275+/-0.089 χ^2/NDF :849763.3/16

Left: 454.566+/-0.063 χ^2/NDF : 1797060.6/34

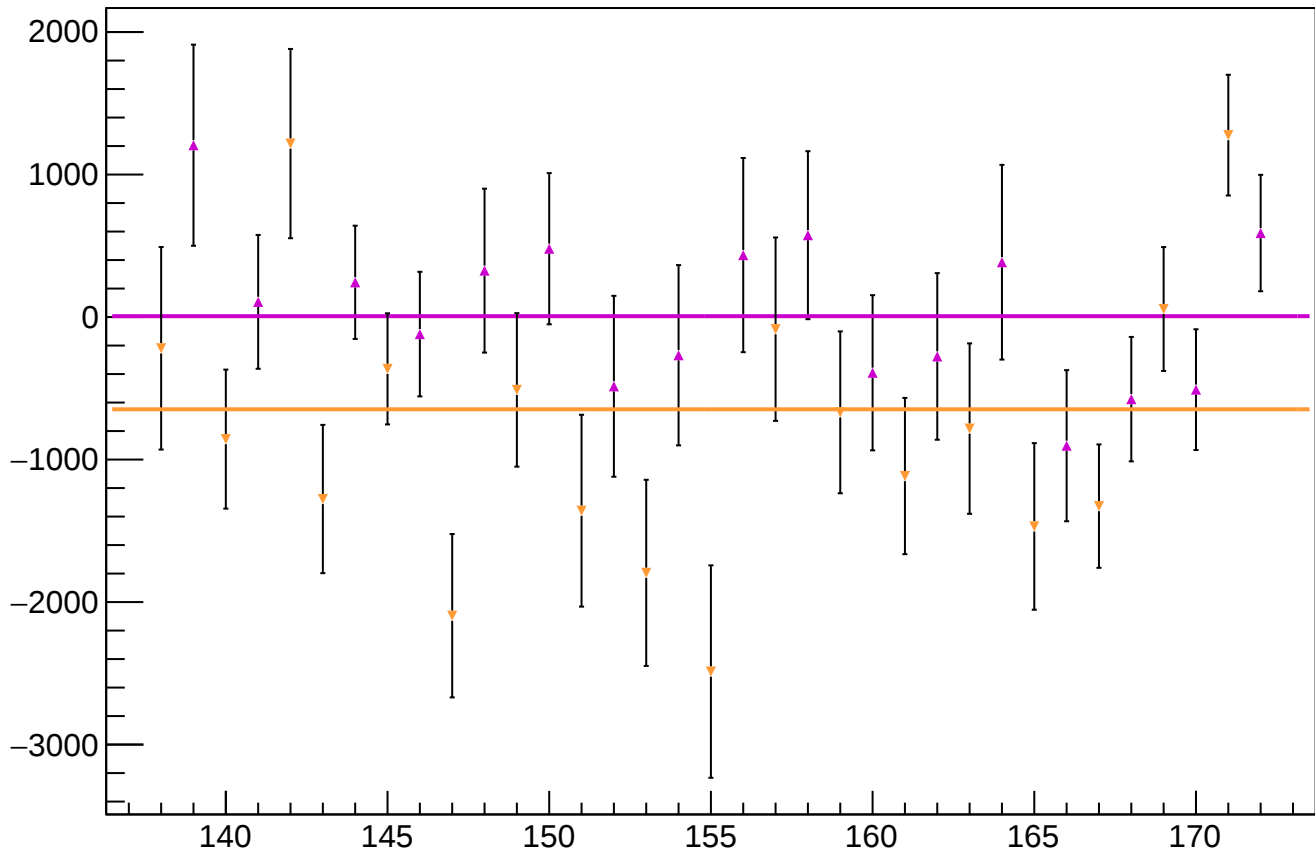
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 451.275+/-0.089 χ^2/NDF :849763.3/16

Out: 457.902+/-0.089 χ^2/NDF :944533.0/17

All: 454.566+/-0.063 χ^2/NDF : 1797060.6/34

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -647.302+/-126.663 χ^2/NDF :56.4/17

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

Left In: 6.146+/-125.478 χ^2/NDF :15.9/16

Left: -317.506+/-89.143 χ^2/NDF : 85.7/34

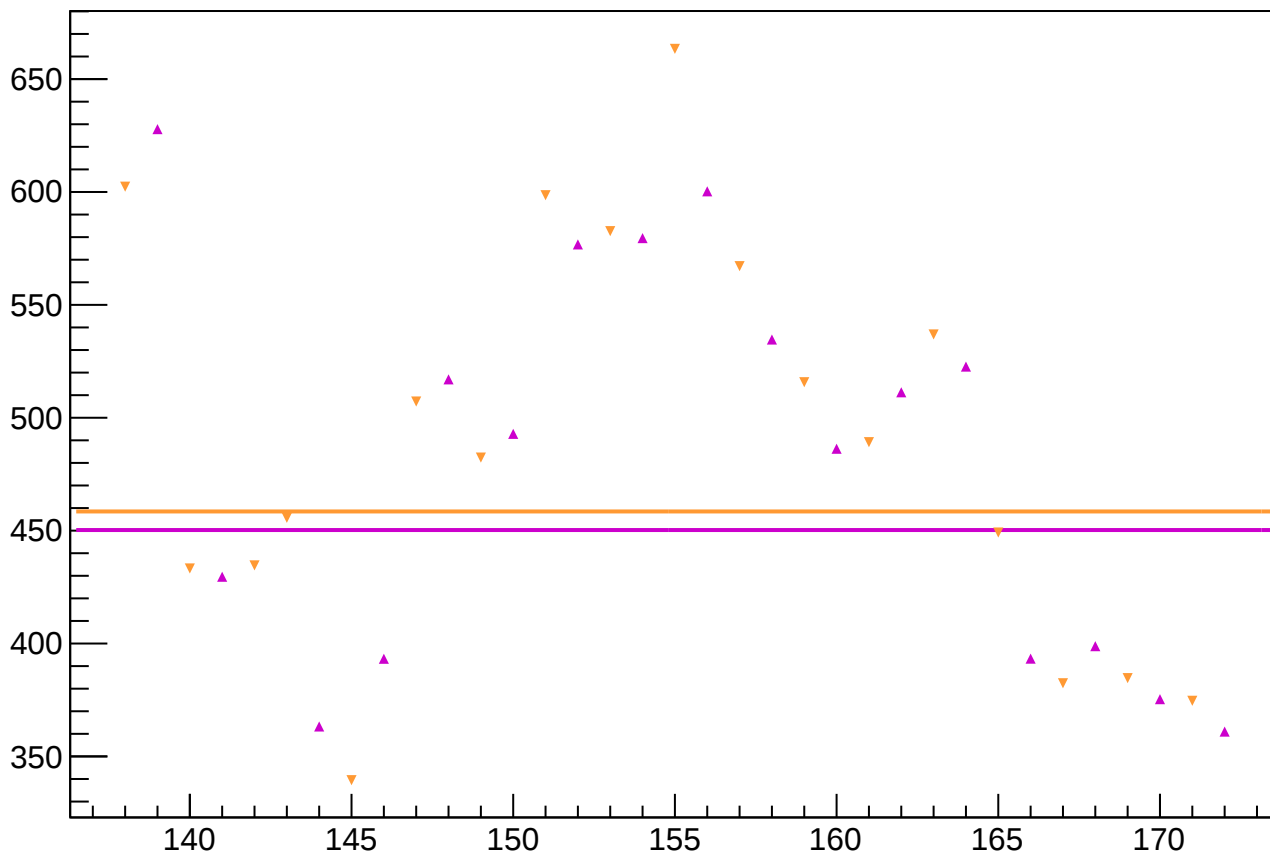
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.146+/-125.478 χ^2/NDF :15.9/16

Out: -647.302+/-126.663 χ^2/NDF :56.4/17

All: -317.506+/-89.143 χ^2/NDF : 85.7/34

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 458.497+/-0.090 χ^2/NDF :921025.4/17

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

Left In: 450.267+/-0.089 χ^2/NDF :863183.6/16

Left: 454.343+/-0.063 χ^2/NDF : 1788470.9/34

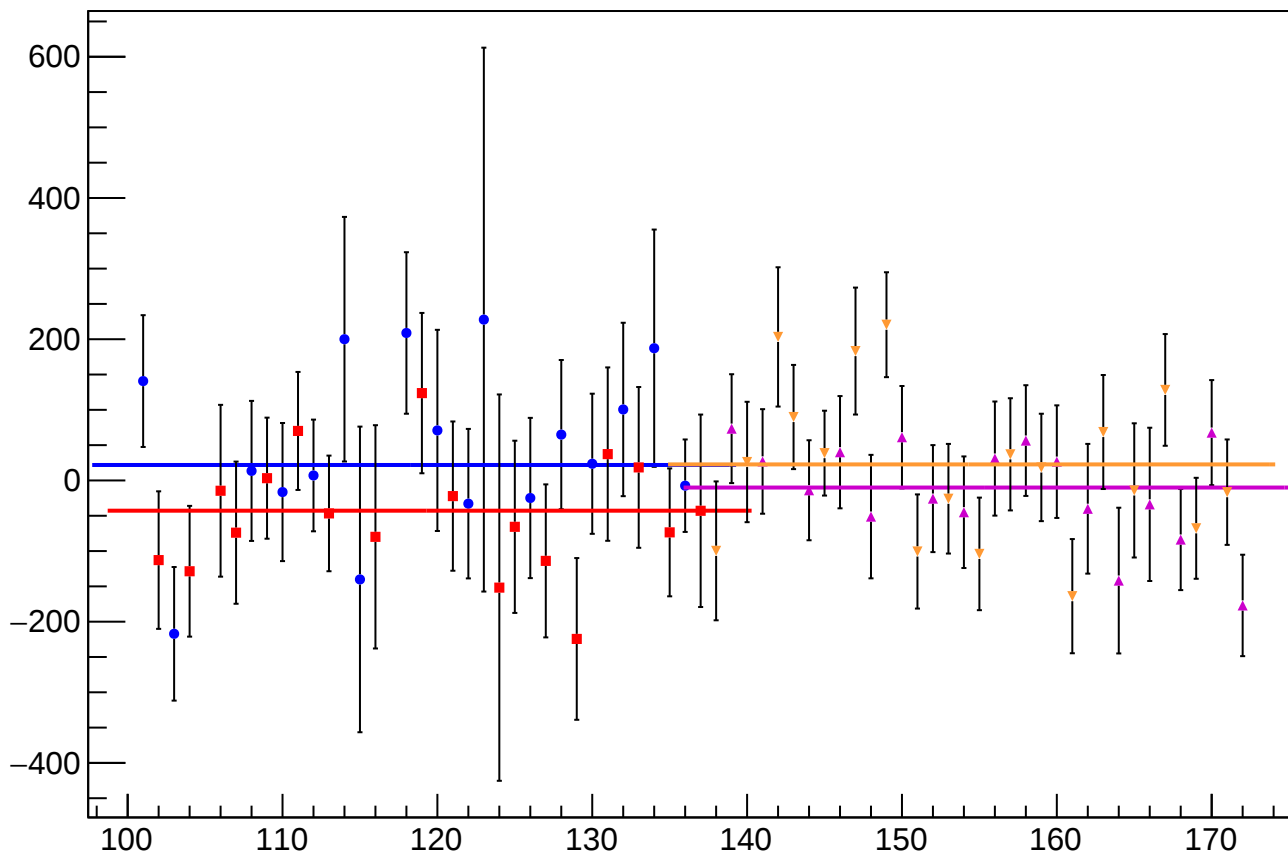
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 450.267+/-0.089 χ^2/NDF :863183.6/16

Out: 458.497+/-0.090 χ^2/NDF :921025.4/17

All: 454.343+/-0.063 χ^2/NDF : 1788470.9/34

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 22.723 $\pm$ 18.668 χ^2 /NDF:30.8/17

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: -10.045 $\pm$ 19.231 χ^2 /NDF:13.8/16

Left: 6.826 $\pm$ 13.395 χ^2 /NDF: 46.1/34

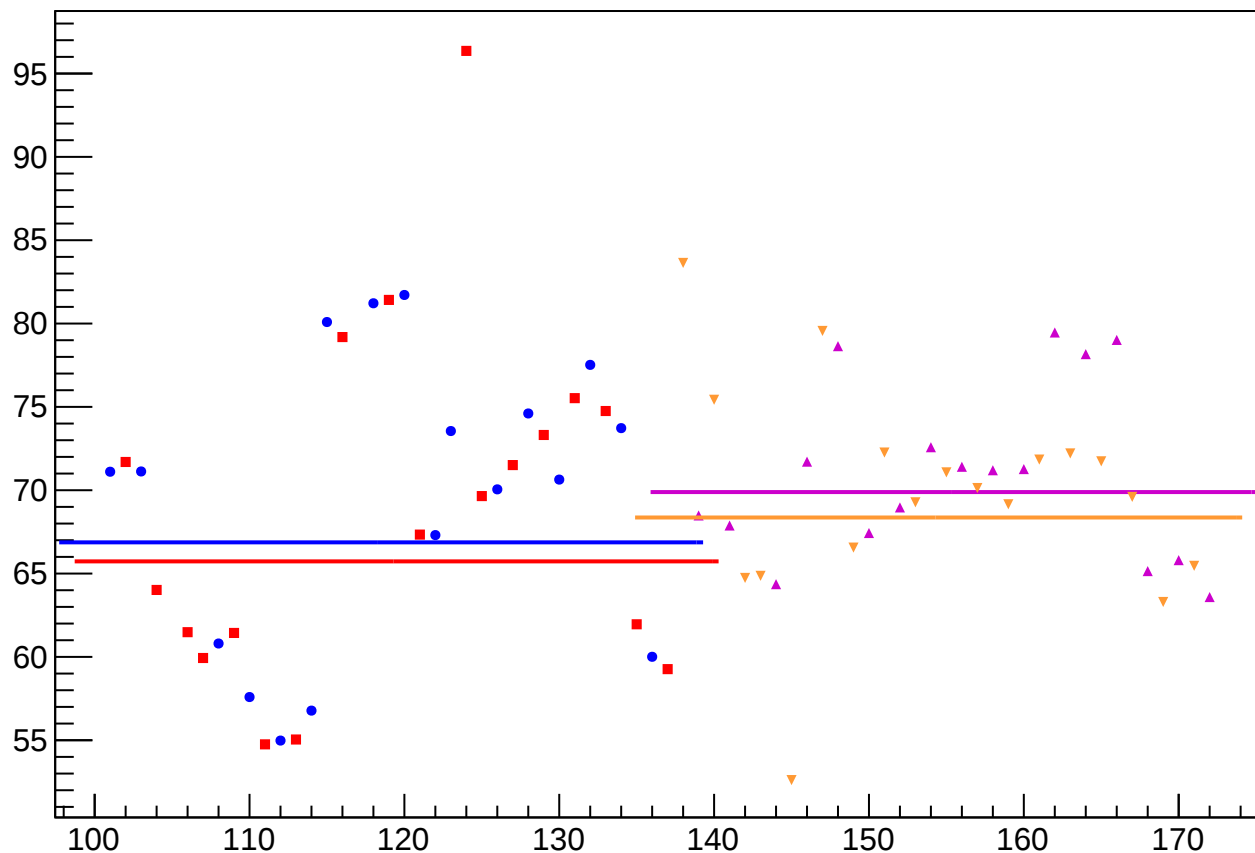
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 1.223 $\pm$ 15.473 χ^2 /NDF:29.8/33

Out: -0.600 $\pm$ 14.983 χ^2 /NDF:45.1/35

All: 0.282 $\pm$ 10.763 χ^2 /NDF: 74.9/69

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: 68.364 $\pm$ 0.013 χ^2/NDF : 271664.2/17

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.889 $\pm$ 0.014 χ^2/NDF : 121112.4/16

Left: 69.104 $\pm$ 0.009 χ^2/NDF : 399254.3/34

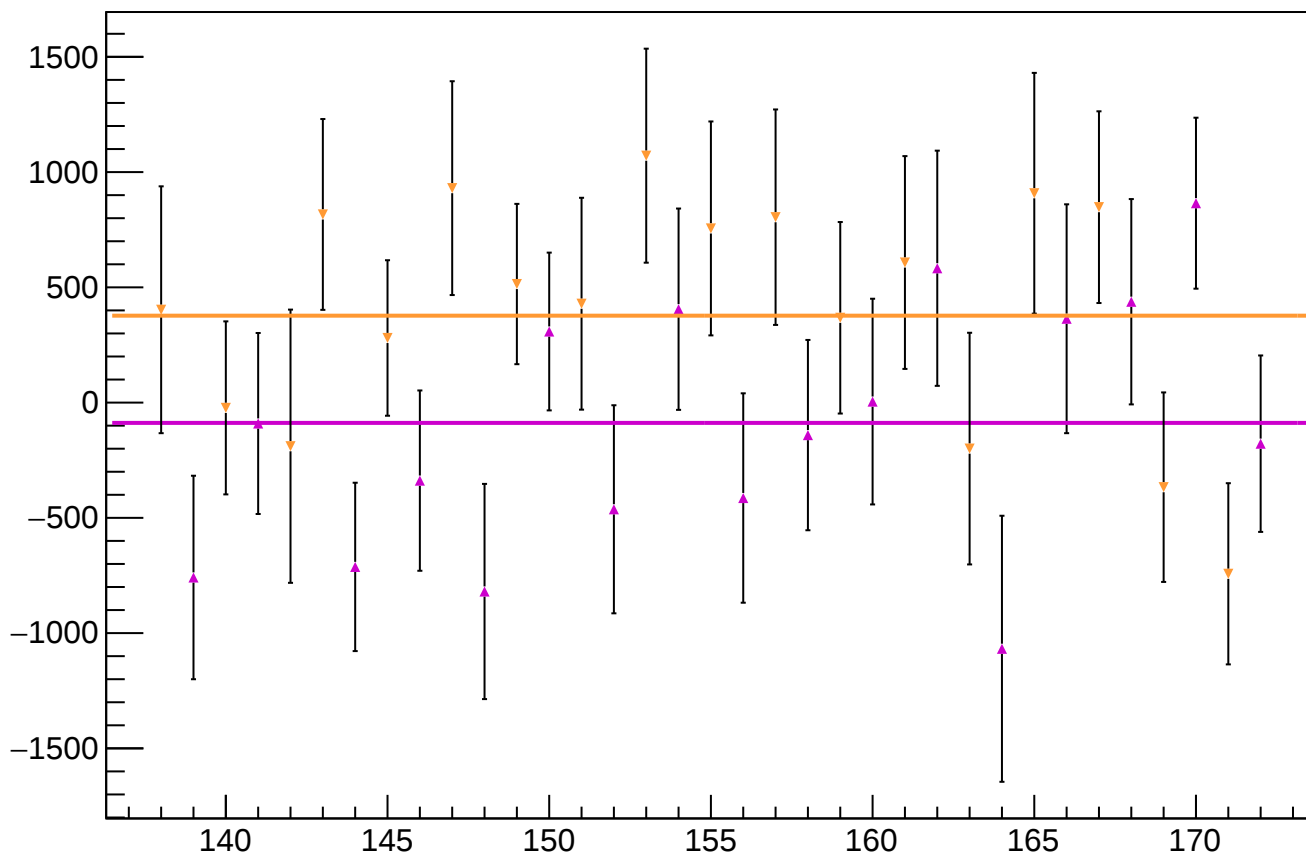
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 68.825 $\pm$ 0.011 χ^2/NDF : 340988.2/33

Out: 67.427 $\pm$ 0.011 χ^2/NDF : 504693.3/35

All: 68.103 $\pm$ 0.008 χ^2/NDF : 854112.3/69

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 377.121 $\pm$ 102.135 χ^2 /NDF:23.9/17

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

Left In: -88.047 $\pm$ 102.753 χ^2 /NDF:25.5/16

Left: 145.941 $\pm$ 72.438 χ^2 /NDF: 59.6/34

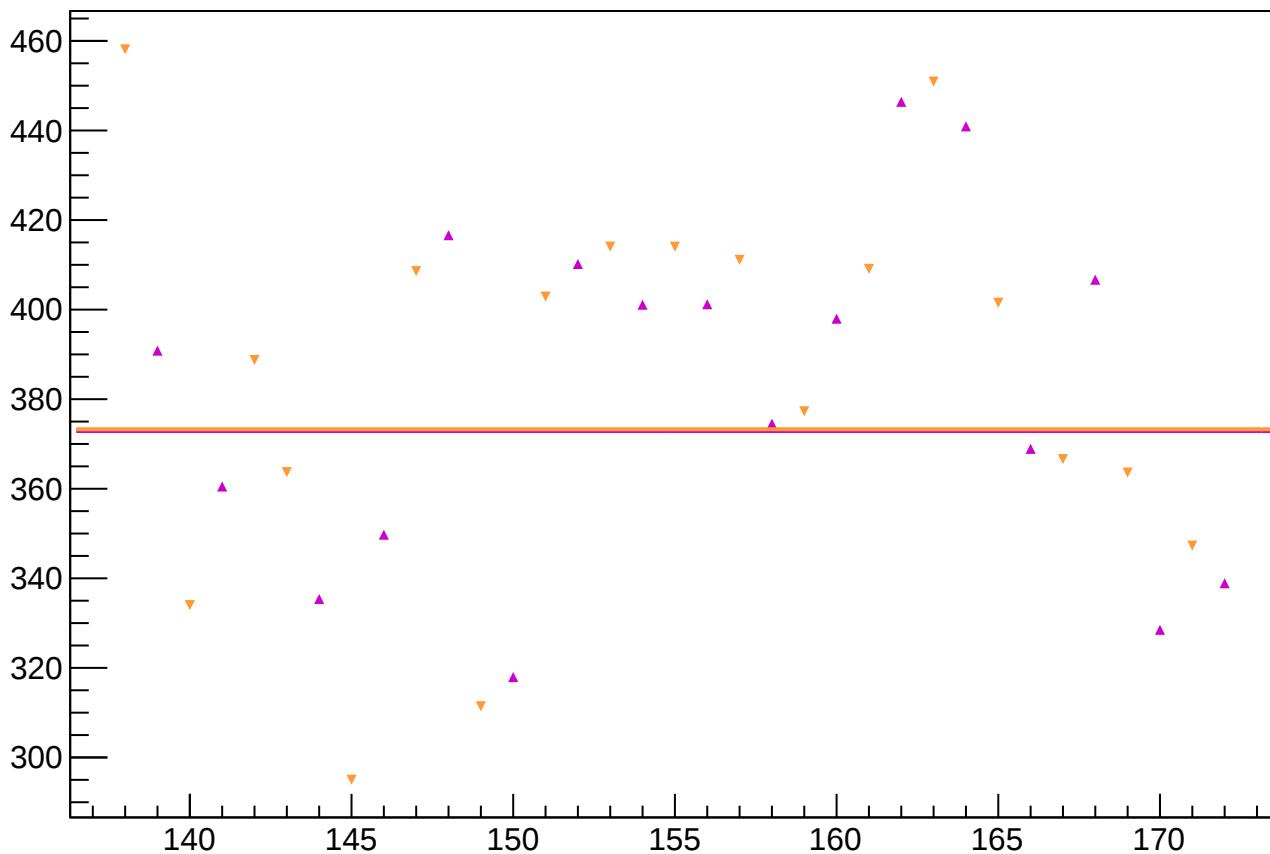
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -88.047 $\pm$ 102.753 χ^2 /NDF:25.5/16

Out: 377.121 $\pm$ 102.135 χ^2 /NDF:23.9/17

All: 145.941 $\pm$ 72.438 χ^2 /NDF: 59.6/34

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: 373.285+/-0.072 χ^2/NDF :385505.3/17

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

Left In: 372.901+/-0.073 χ^2/NDF :263981.5/16

Left: 373.094+/-0.051 χ^2/NDF : 649500.9/34

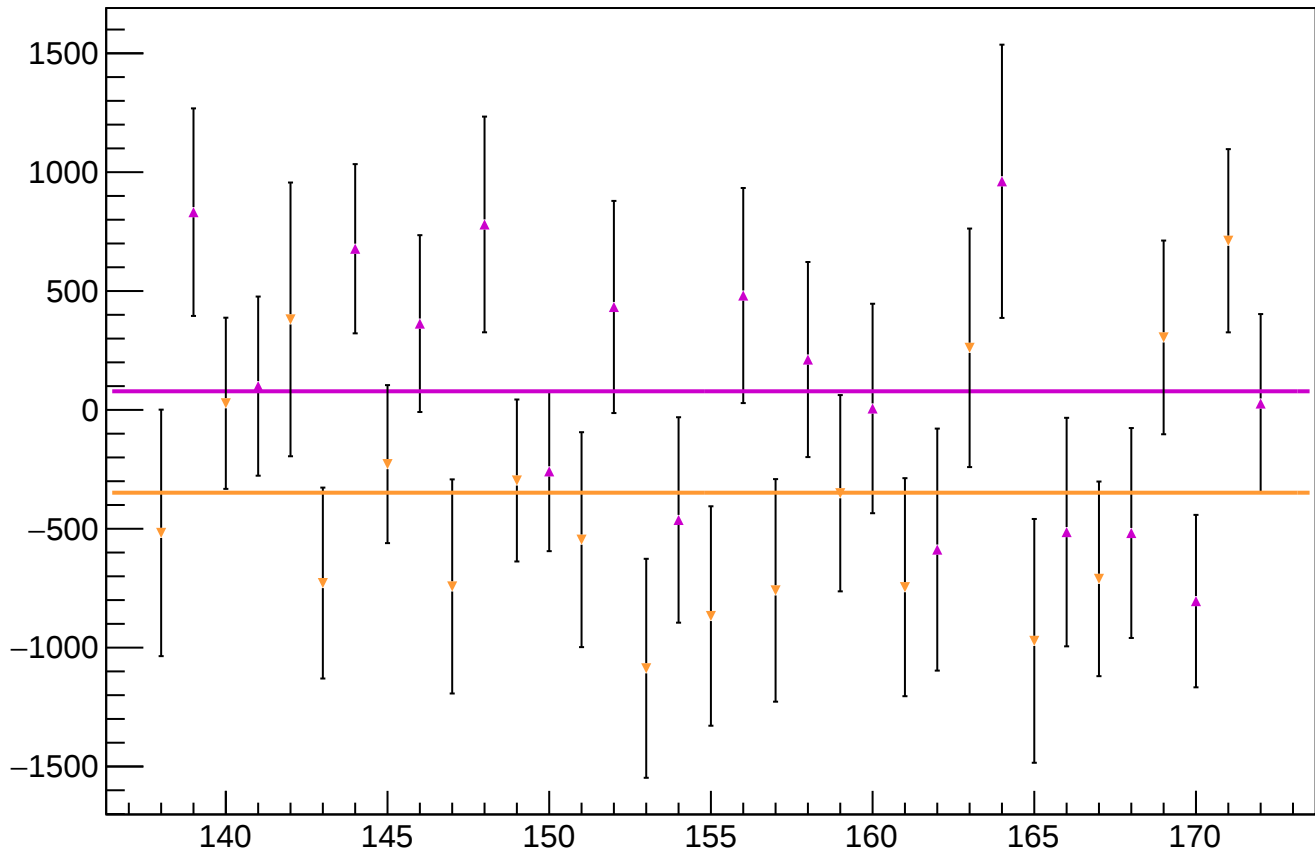
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.901+/-0.073 χ^2/NDF :263981.5/16

Out: 373.285+/-0.072 χ^2/NDF :385505.3/17

All: 373.094+/-0.051 χ^2/NDF : 649500.9/34

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -348.288 $\pm$ 100.380 χ^2 /NDF:24.0/17

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

Left In: 78.279 $\pm$ 100.751 χ^2 /NDF:26.3/16

Left: -135.792 $\pm$ 71.110 χ^2 /NDF: 59.3/34

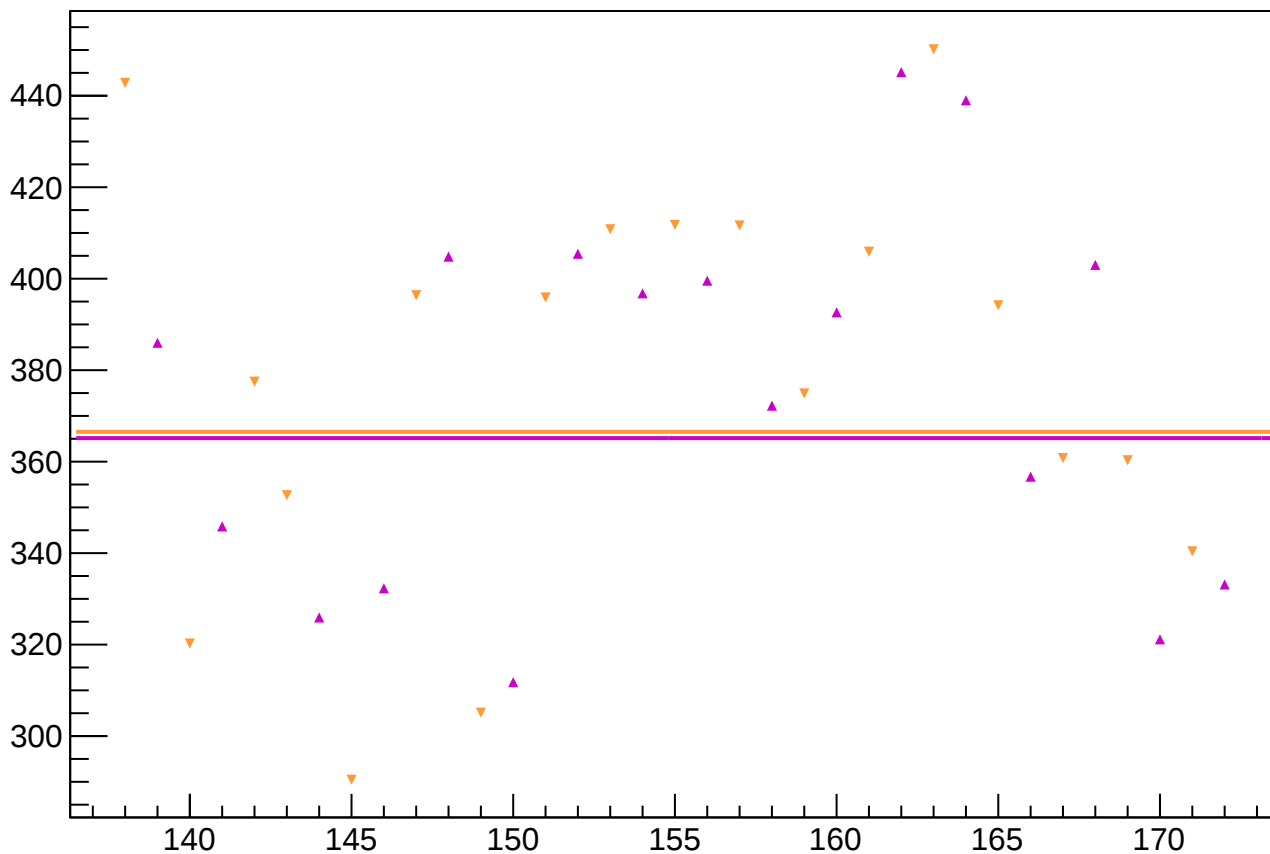
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 78.279 $\pm$ 100.751 χ^2 /NDF:26.3/16

Out: -348.288 $\pm$ 100.380 χ^2 /NDF:24.0/17

All: -135.792 $\pm$ 71.110 χ^2 /NDF: 59.3/34

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.528+/-0.071 χ^2/NDF : 409767.7/17

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

Left In: 365.147+/-0.071 χ^2/NDF : 304200.9/16

Left: 365.840+/-0.050 χ^2/NDF : 714157.2/34

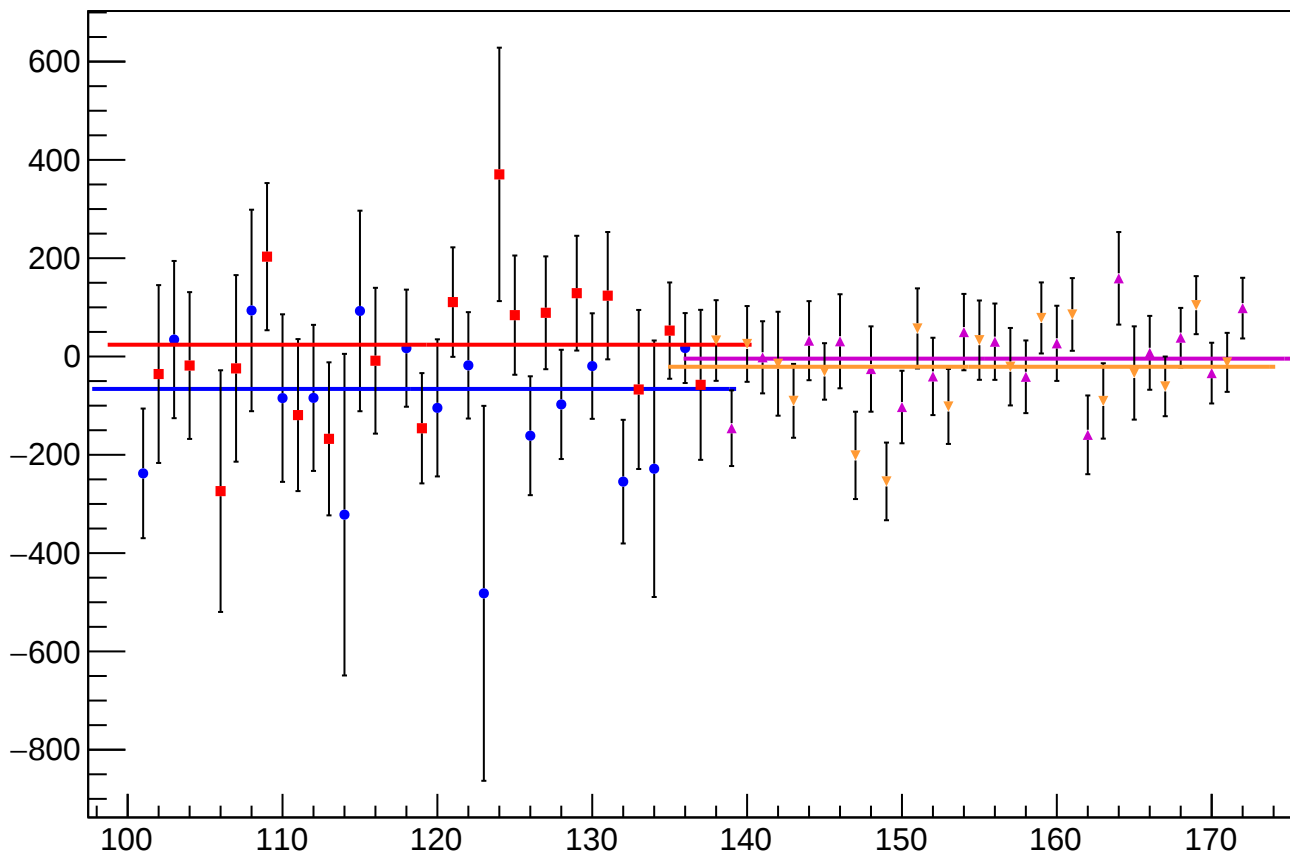
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.147+/-0.071 χ^2/NDF : 304200.9/16

Out: 366.528+/-0.071 χ^2/NDF : 409767.7/17

All: 365.840+/-0.050 χ^2/NDF : 714157.2/34

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: -20.888 ± 17.404 $\chi^2/\text{NDF}: 26.8/17$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -4.370 ± 18.182 $\chi^2/\text{NDF}: 17.2/16$

Left: -12.990 ± 12.572 $\chi^2/\text{NDF}: 44.3/34$

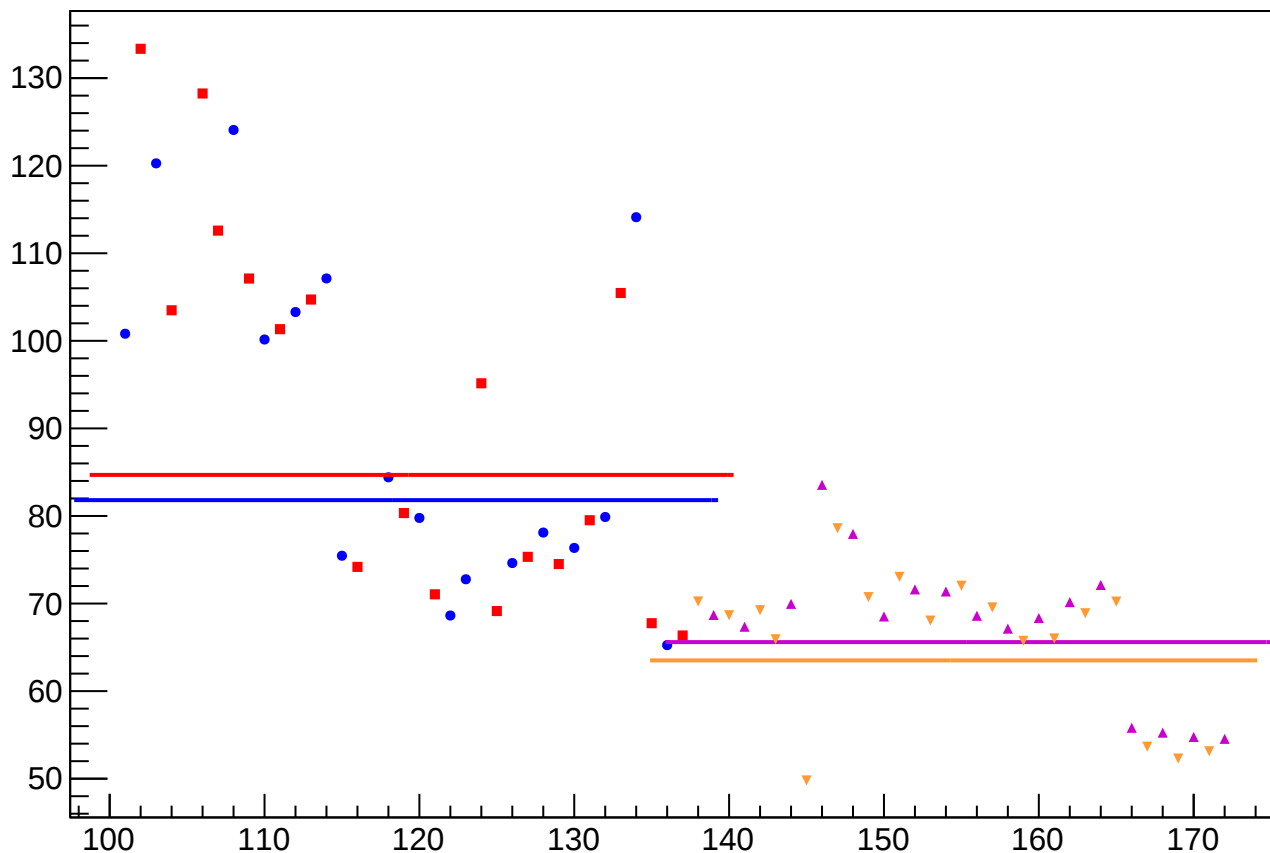
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -19.201 ± 15.843 $\chi^2/\text{NDF}: 30.7/33$

Out: -11.027 ± 15.373 $\chi^2/\text{NDF}: 41.1/35$

All: -14.991 ± 11.033 $\chi^2/\text{NDF}: 72.0/69$

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: 63.509 $\pm$ 0.012 χ^2 /NDF: 495865.6/17

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 65.596 $\pm$ 0.013 χ^2 /NDF: 387531.2/16

Left: 64.507 $\pm$ 0.009 χ^2 /NDF: 897160.4/34

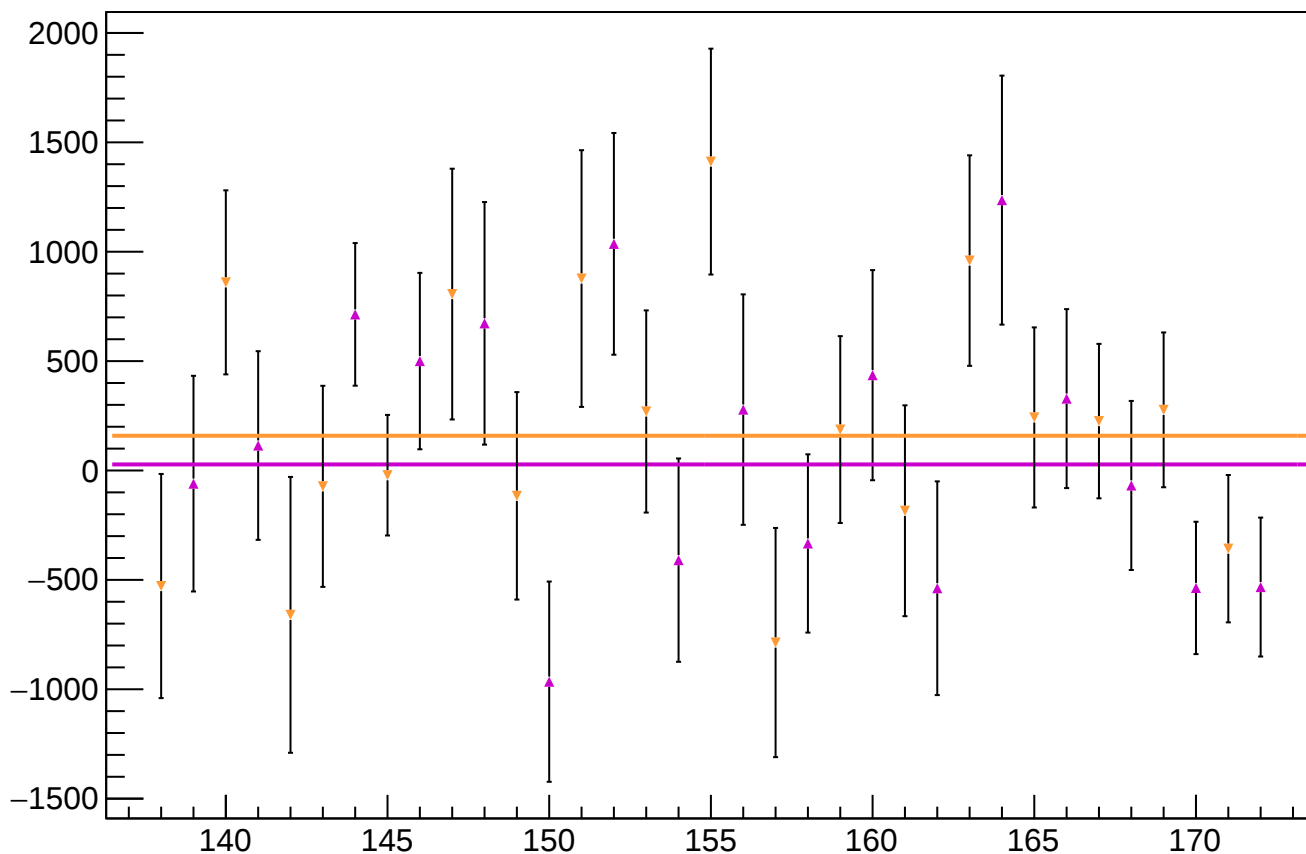
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 69.499 $\pm$ 0.011 χ^2 /NDF: 1277545.3/33

Out: 68.164 $\pm$ 0.011 χ^2 /NDF: 1762981.0/35

All: 68.812 $\pm$ 0.008 χ^2 /NDF: 3047841.2/69

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: 158.799 $\pm$ 101.436 χ^2 /NDF:25.1/17

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

Left In: 27.750 $\pm$ 101.867 χ^2 /NDF:31.6/16

Left: 93.553 $\pm$ 71.878 χ^2 /NDF: 57.5/34

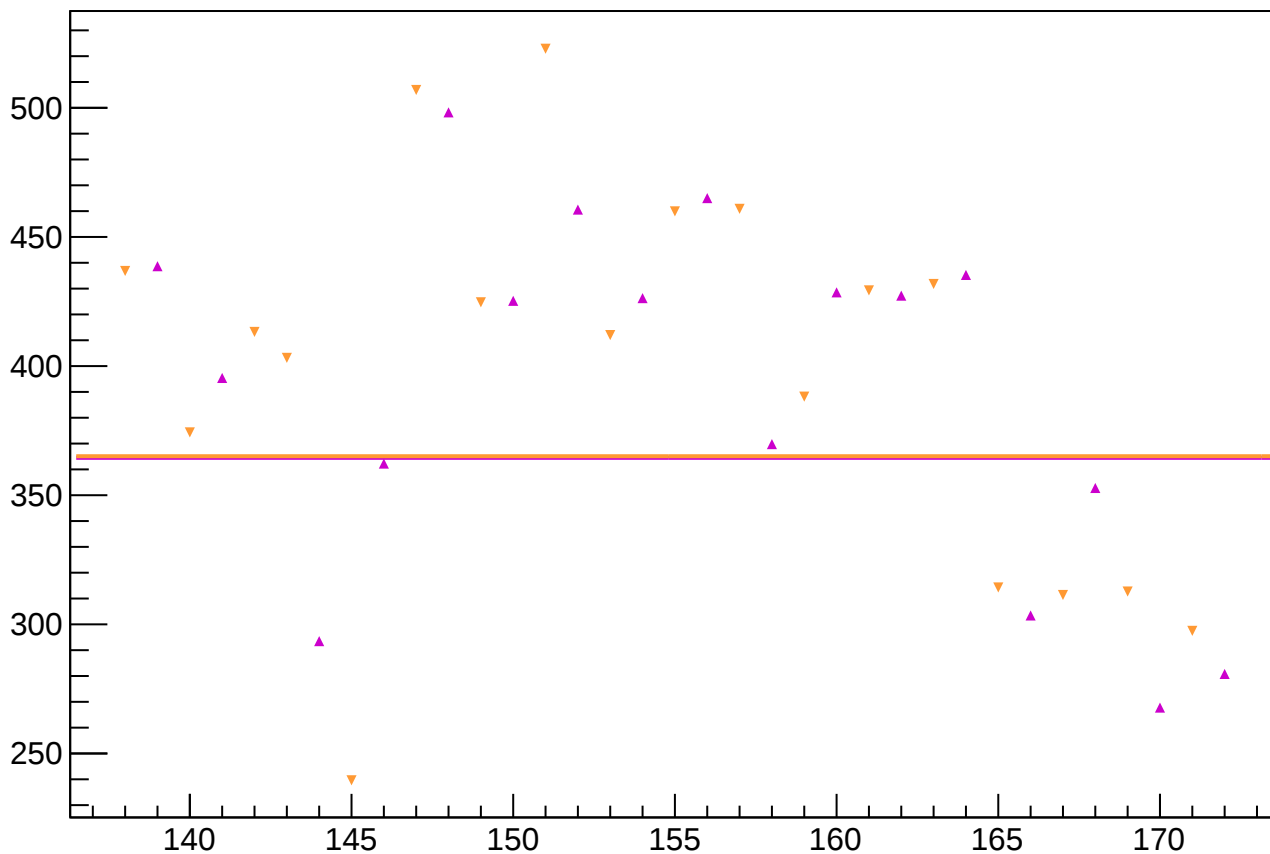
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.750 $\pm$ 101.867 χ^2 /NDF:31.6/16

Out: 158.799 $\pm$ 101.436 χ^2 /NDF:25.1/17

All: 93.553 $\pm$ 71.878 χ^2 /NDF: 57.5/34

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: 365.098+/-0.072 χ^2/NDF :1214845.7/17

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

Left In: 364.481+/-0.072 χ^2/NDF :972134.7/16

Left: 364.791+/-0.051 χ^2/NDF : 2187017.2/34

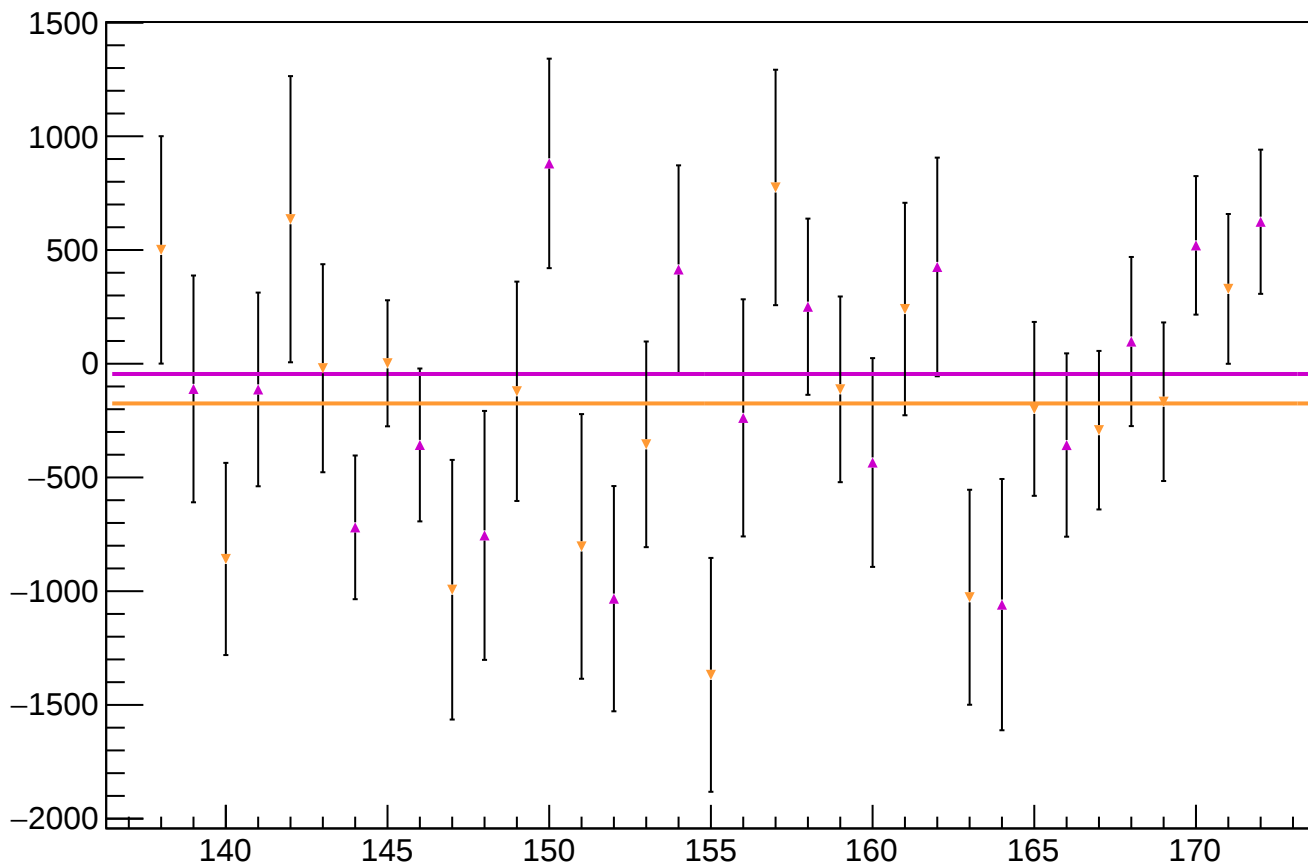
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.481+/-0.072 χ^2/NDF :972134.7/16

Out: 365.098+/-0.072 χ^2/NDF :1214845.7/17

All: 364.791+/-0.051 χ^2/NDF : 2187017.2/34

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -174.593+/-99.867 χ^2/NDF :25.3/17

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

Left In: -45.127+/-98.939 χ^2/NDF :30.6/16

Left: -109.255+/-70.286 χ^2/NDF : 56.7/34

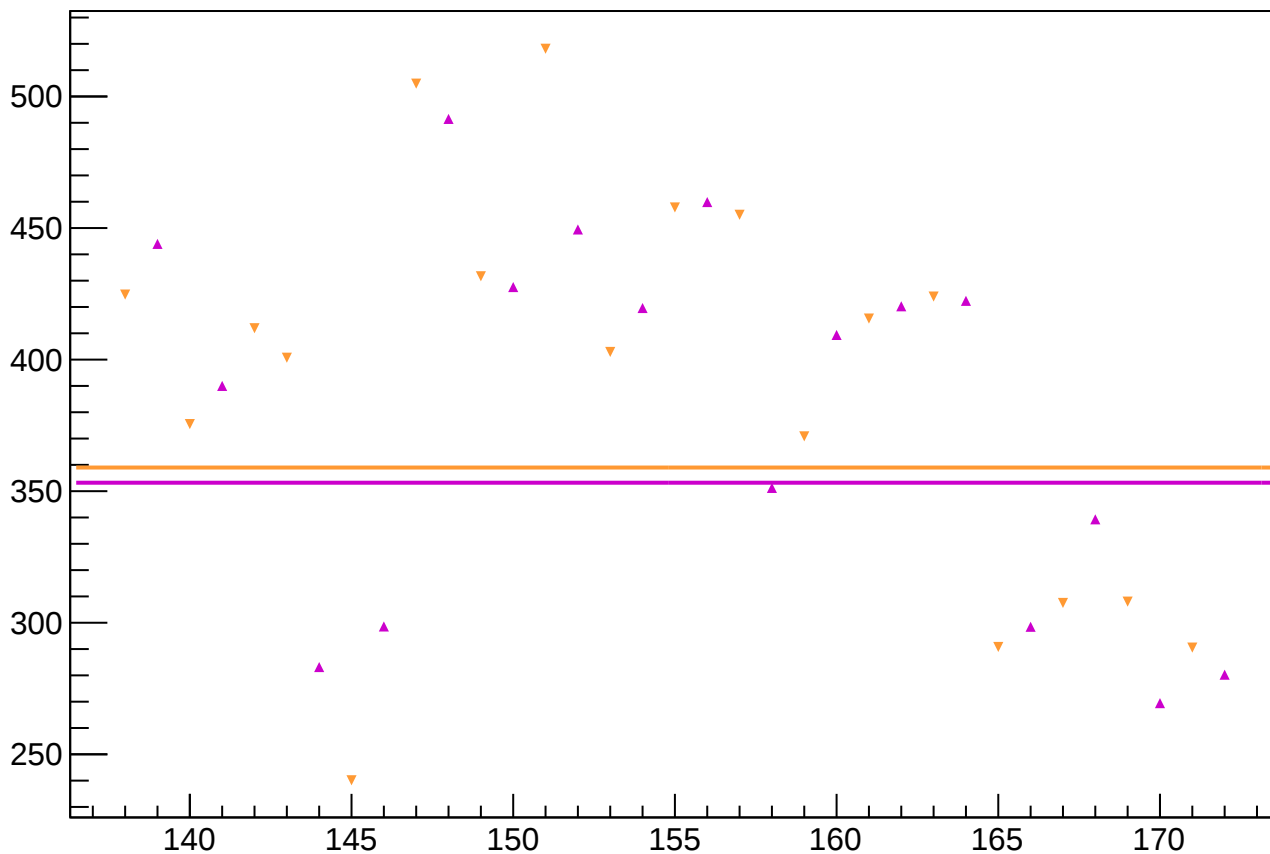
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.127+/-98.939 χ^2/NDF :30.6/16

Out: -174.593+/-99.867 χ^2/NDF :25.3/17

All: -109.255+/-70.286 χ^2/NDF : 56.7/34

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

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

Left In: 353.214+/-0.070 χ^2/NDF :1010933.9/16

Left: 356.074+/-0.050 χ^2/NDF : 2243433.8/34

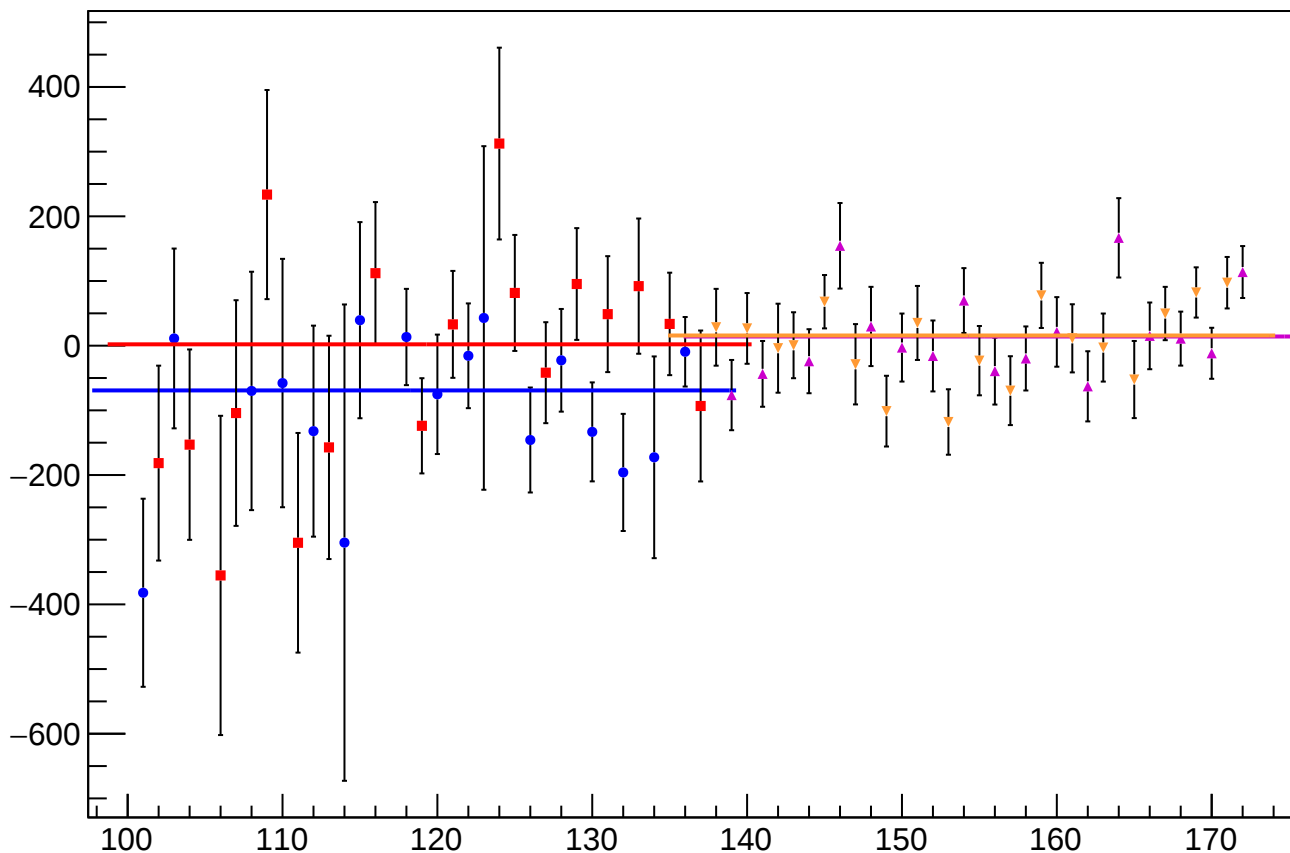
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.214+/-0.070 χ^2/NDF :1010933.9/16

Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

All: 356.074+/-0.050 χ^2/NDF : 2243433.8/34

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: 15.740 ± 11.893 $\chi^2/\text{NDF}: 27.9/17$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: 14.189 ± 12.248 $\chi^2/\text{NDF}: 27.2/16$

Left: 14.987 ± 8.532 $\chi^2/\text{NDF}: 55.1/34$

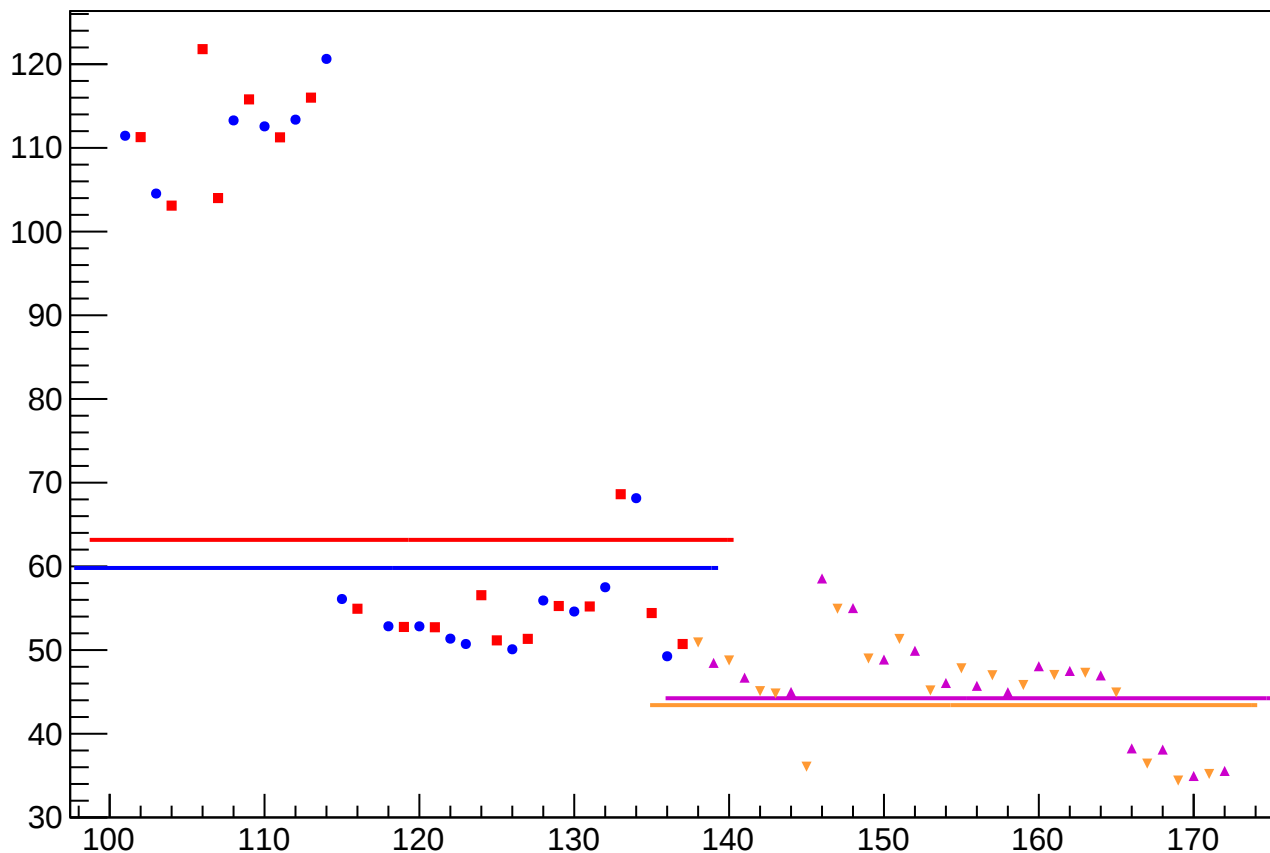
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -2.746 ± 10.933 $\chi^2/\text{NDF}: 50.1/33$

Out: 13.250 ± 10.754 $\chi^2/\text{NDF}: 51.9/35$

All: 5.384 ± 7.667 $\chi^2/\text{NDF}: 103.1/69$

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: 43.420 $\pm$ 0.008 χ^2/NDF : 546078.4/17

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 44.243 $\pm$ 0.009 χ^2/NDF : 510276.5/16

Left: 43.820 $\pm$ 0.006 χ^2/NDF : 1061000.8/34

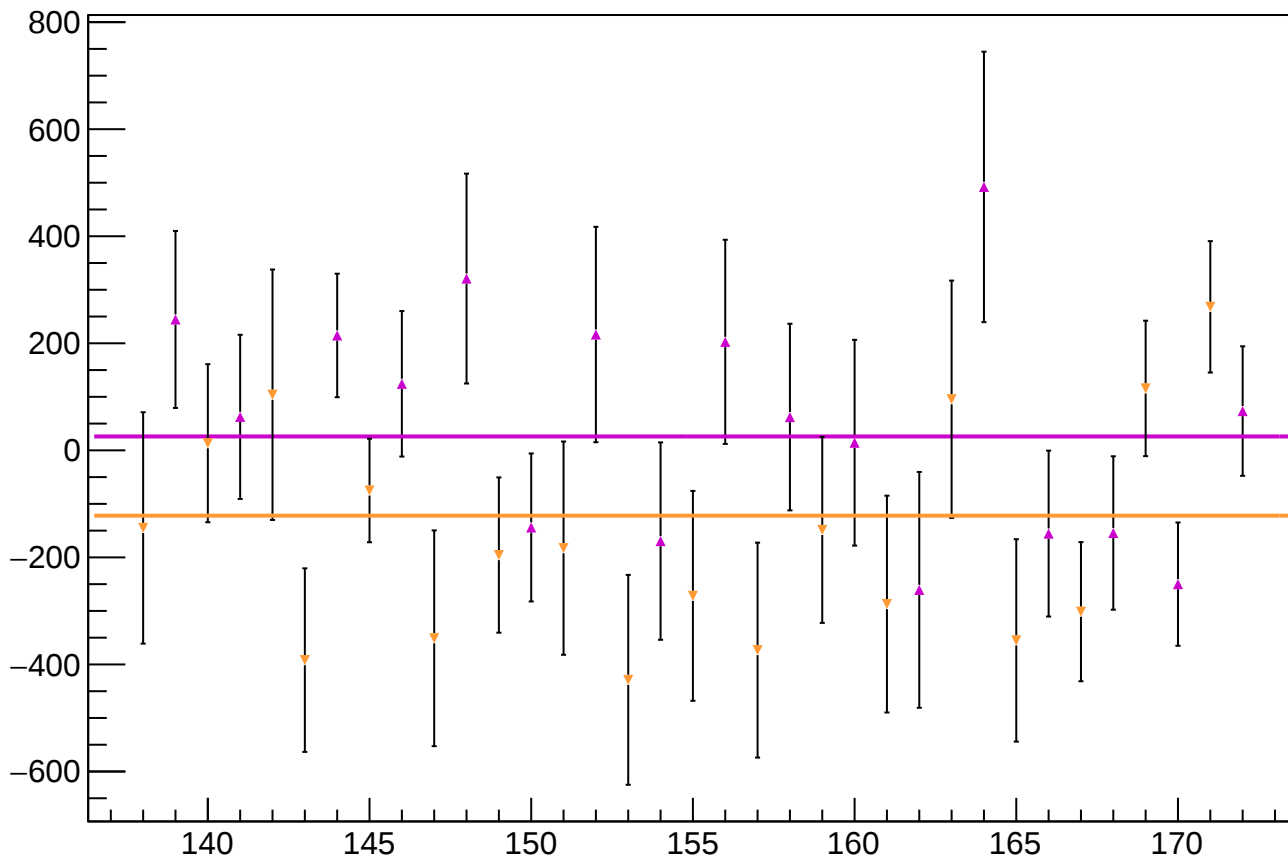
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 47.405 $\pm$ 0.008 χ^2/NDF : 2396368.6/33

Out: 47.020 $\pm$ 0.008 χ^2/NDF : 2938462.8/35

All: 47.209 $\pm$ 0.005 χ^2/NDF : 5336089.6/69

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: -122.005+/-37.947 χ^2/NDF :29.4/17

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

Left In: 25.953+/-37.835 χ^2/NDF :25.7/16

Left: -47.806+/-26.793 χ^2/NDF : 62.7/34

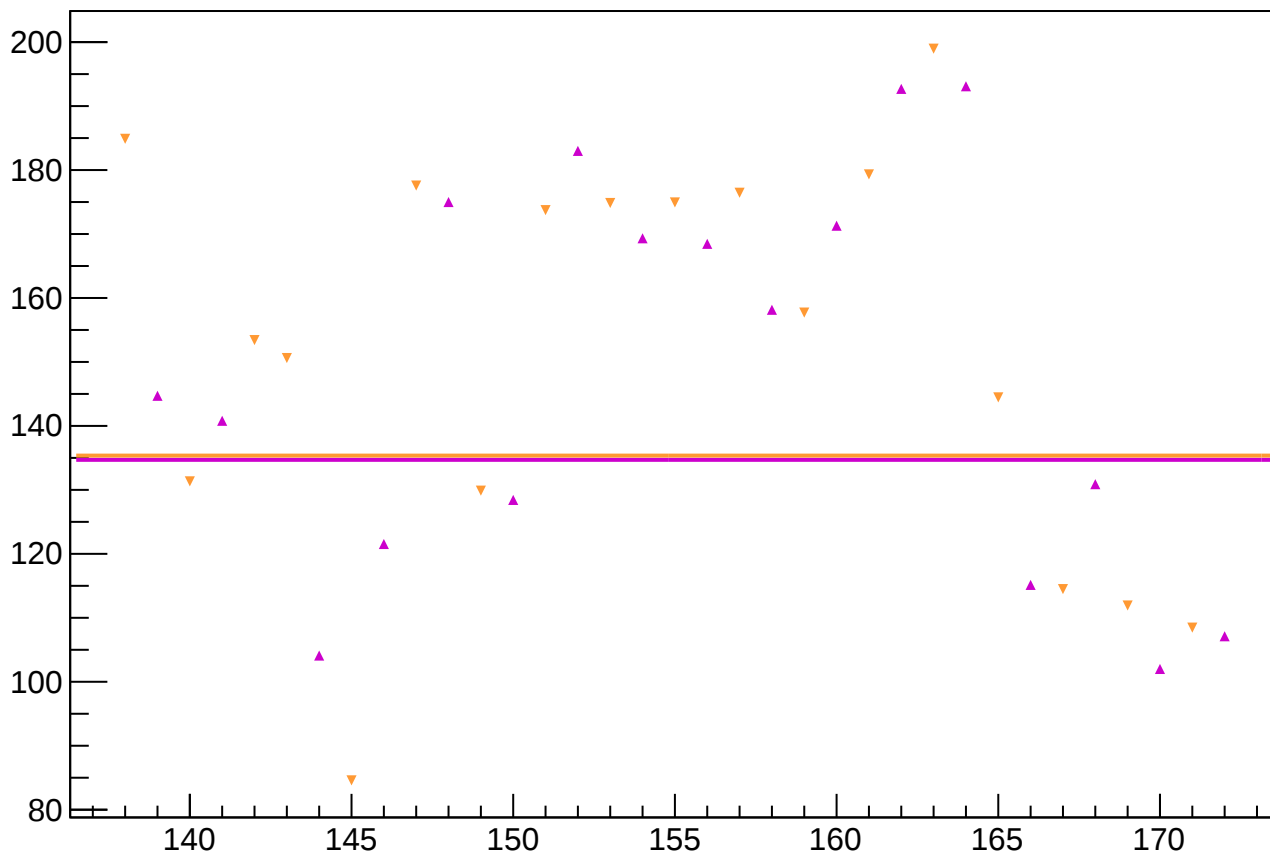
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.953+/-37.835 χ^2/NDF :25.7/16

Out: -122.005+/-37.947 χ^2/NDF :29.4/17

All: -47.806+/-26.793 χ^2/NDF : 62.7/34

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: 135.359+/-0.027 χ^2/NDF :1609246.9/17

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

Left In: 134.697+/-0.027 χ^2/NDF :1159706.3/16

Left: 135.027+/-0.019 χ^2/NDF : 2769258.3/34

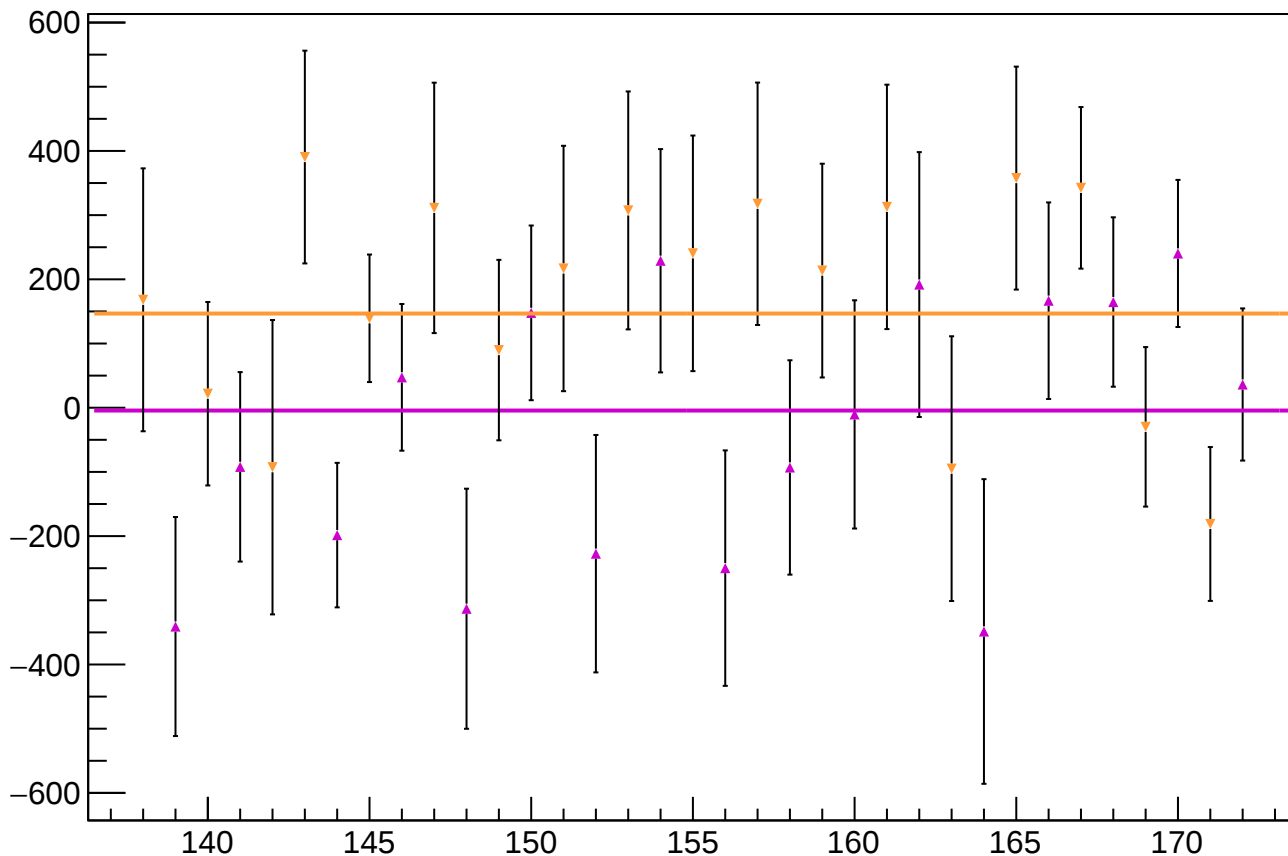
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.697+/-0.027 χ^2/NDF :1159706.3/16

Out: 135.359+/-0.027 χ^2/NDF :1609246.9/17

All: 135.027+/-0.019 χ^2/NDF : 2769258.3/34

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: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

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

Left In: -4.396 $\pm$ 36.115 χ^2 /NDF:27.3/16

Left: 69.748 $\pm$ 25.774 χ^2 /NDF: 58.5/34

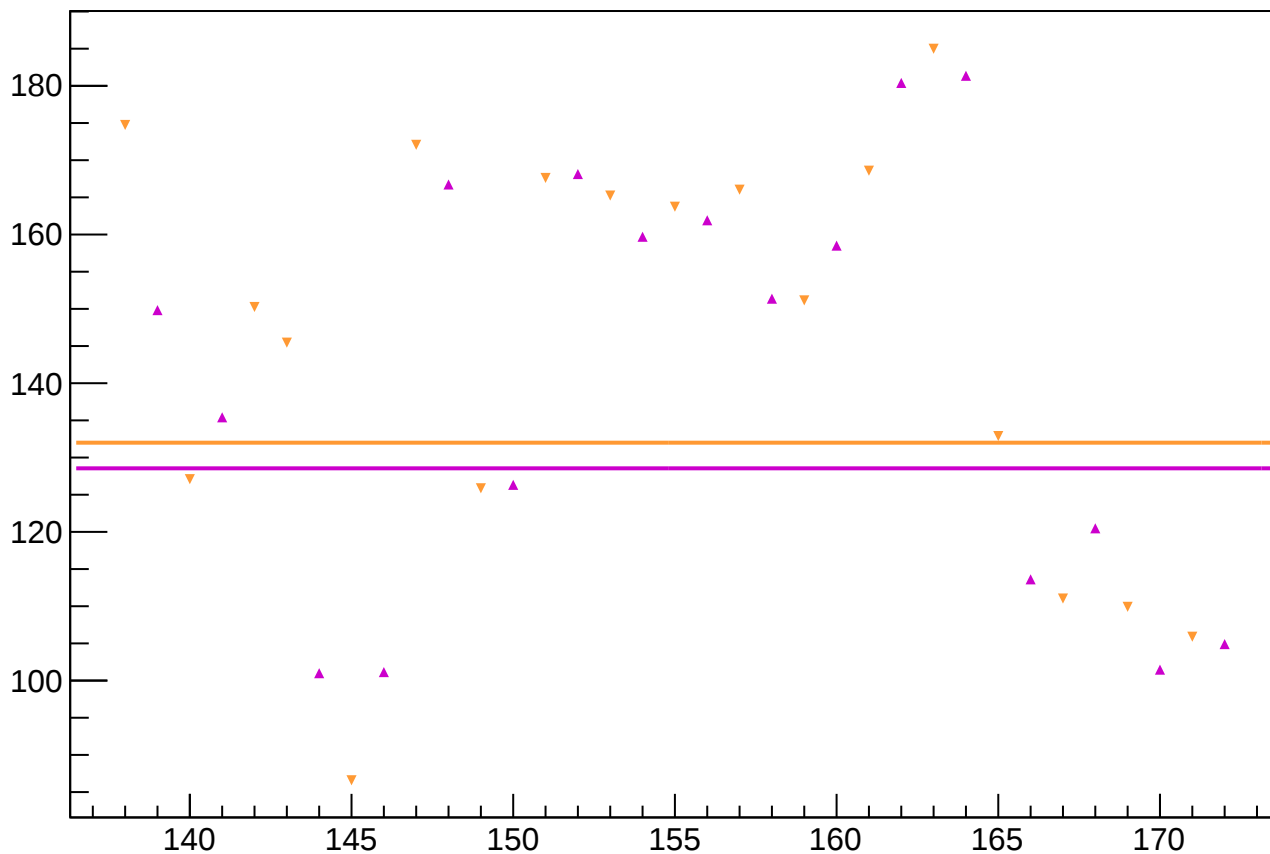
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.396 $\pm$ 36.115 χ^2 /NDF:27.3/16

Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

All: 69.748 $\pm$ 25.774 χ^2 /NDF: 58.5/34

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

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

Left In: 128.550+/-0.026 χ^2/NDF :1113745.1/16

Left: 130.243+/-0.018 χ^2/NDF : 2448871.8/34

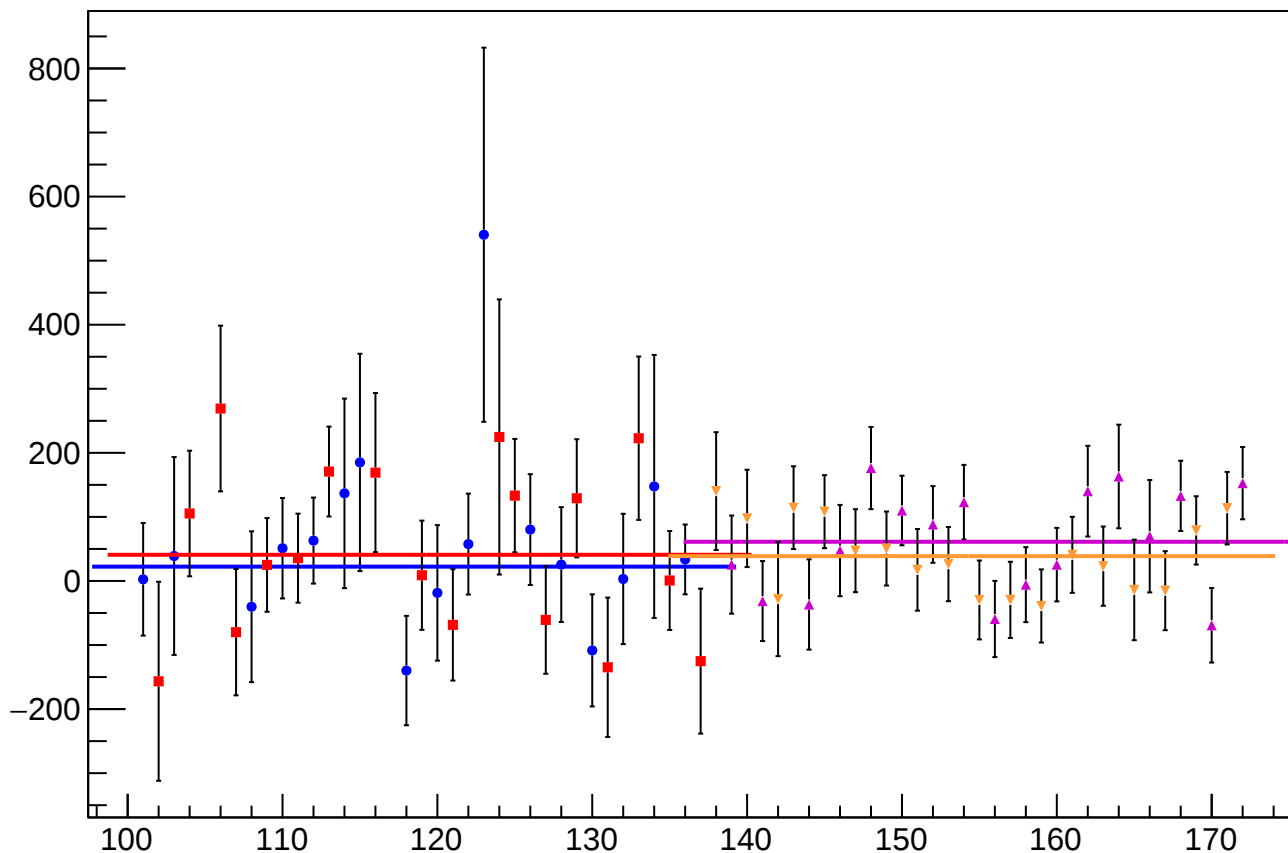
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.550+/-0.026 χ^2/NDF :1113745.1/16

Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

All: 130.243+/-0.018 χ^2/NDF : 2448871.8/34

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 38.732 ± 14.849 $\chi^2/\text{NDF}: 13.5/17$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 61.183 ± 15.280 $\chi^2/\text{NDF}: 27.7/16$

Left: 49.637 ± 10.649 $\chi^2/\text{NDF}: 42.3/34$

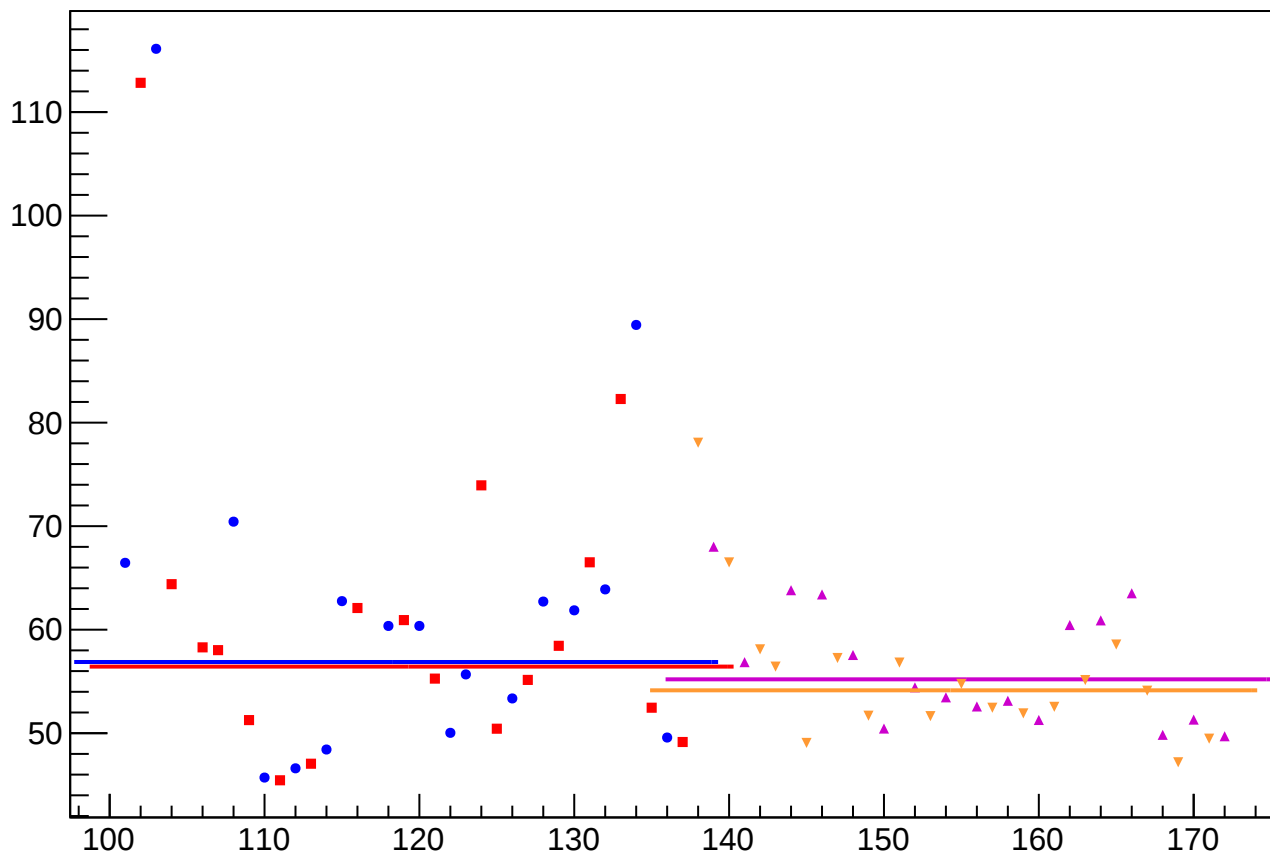
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 49.023 ± 12.662 $\chi^2/\text{NDF}: 42.3/33$

Out: 39.395 ± 12.331 $\chi^2/\text{NDF}: 37.7/35$

All: 44.081 ± 8.834 $\chi^2/\text{NDF}: 80.3/69$

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: 54.142 $\pm$ 0.010 χ^2 /NDF: 286832.7/17

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.204 $\pm$ 0.011 χ^2 /NDF: 235475.0/16

Left: 54.658 $\pm$ 0.008 χ^2 /NDF: 527274.9/34

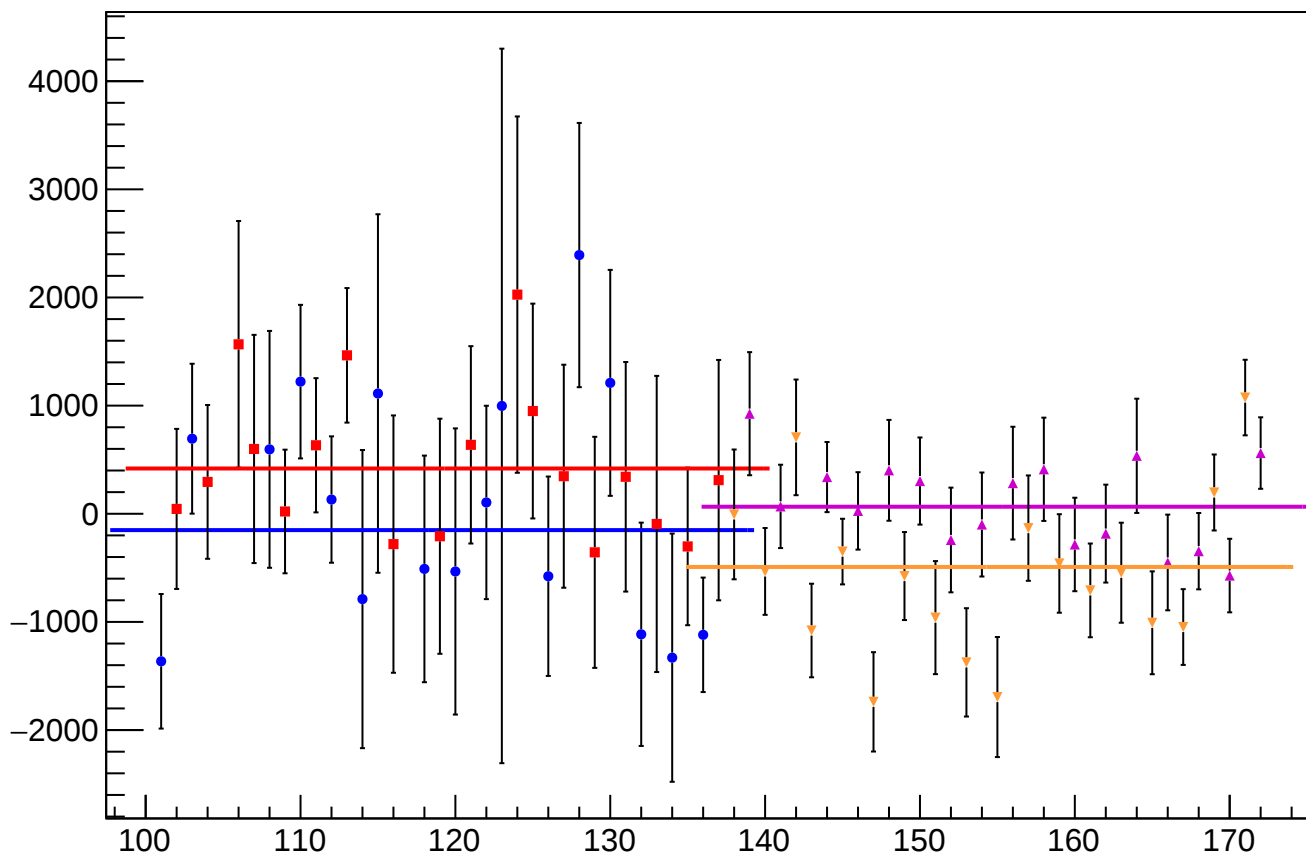
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 55.729 $\pm$ 0.009 χ^2 /NDF: 818488.4/33

Out: 54.853 $\pm$ 0.009 χ^2 /NDF: 822075.2/35

All: 55.279 $\pm$ 0.006 χ^2 /NDF: 1645467.1/69

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -491.800 ± 100.882 $\chi^2/\text{NDF}: 52.2/17$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 65.199 ± 100.347 $\chi^2/\text{NDF}: 15.3/16$

Left: -211.820 ± 71.144 $\chi^2/\text{NDF}: 82.9/34$

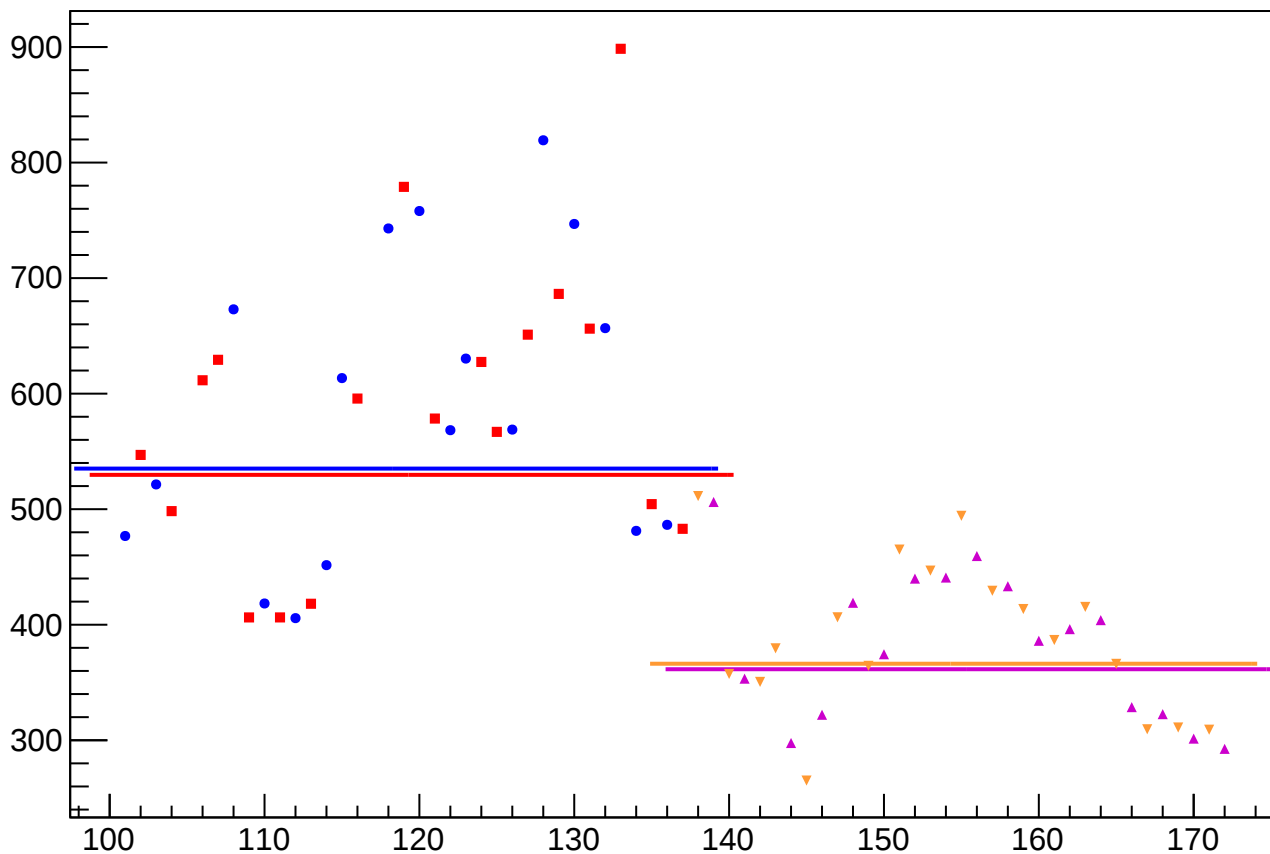
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 25.727 ± 90.734 $\chi^2/\text{NDF}: 38.6/33$

Out: -314.407 ± 90.521 $\chi^2/\text{NDF}: 76.5/35$

All: -144.741 ± 64.083 $\chi^2/\text{NDF}: 122.1/69$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 366.240+/-0.071 χ^2/NDF : 826261.7/17

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 361.481+/-0.071 χ^2/NDF : 703288.2/16

Left: 363.848+/-0.050 χ^2/NDF : 1531787.0/34

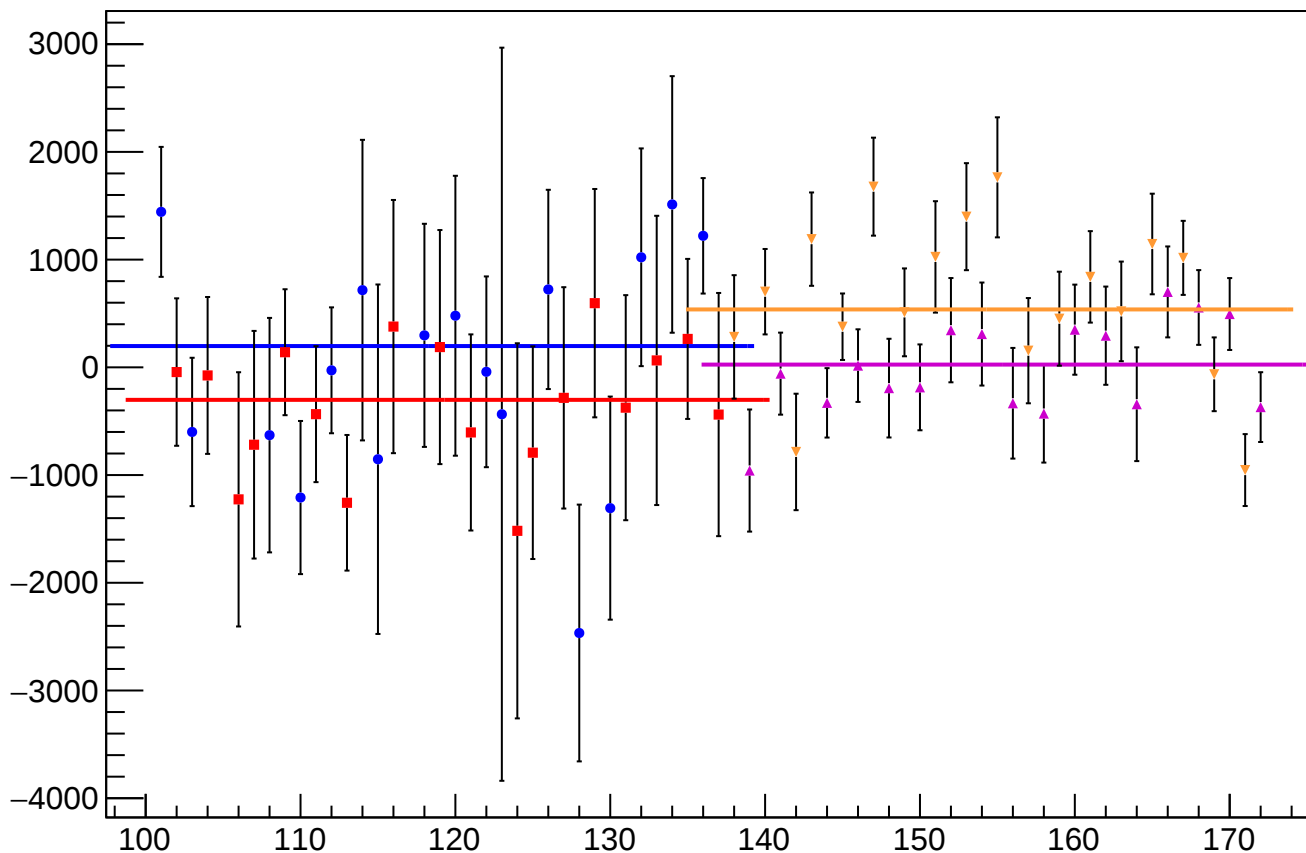
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 393.157+/-0.064 χ^2/NDF : 2391932.0/33

Out: 398.096+/-0.064 χ^2/NDF : 2496425.1/35

All: 395.632+/-0.045 χ^2/NDF : 4891327.0/69

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 537.506 $\pm$ 99.634 χ^2 /NDF:51.8/17

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: 25.485 $\pm$ 98.382 χ^2 /NDF:16.8/16

Left: 278.257 $\pm$ 70.005 χ^2 /NDF: 82.0/34

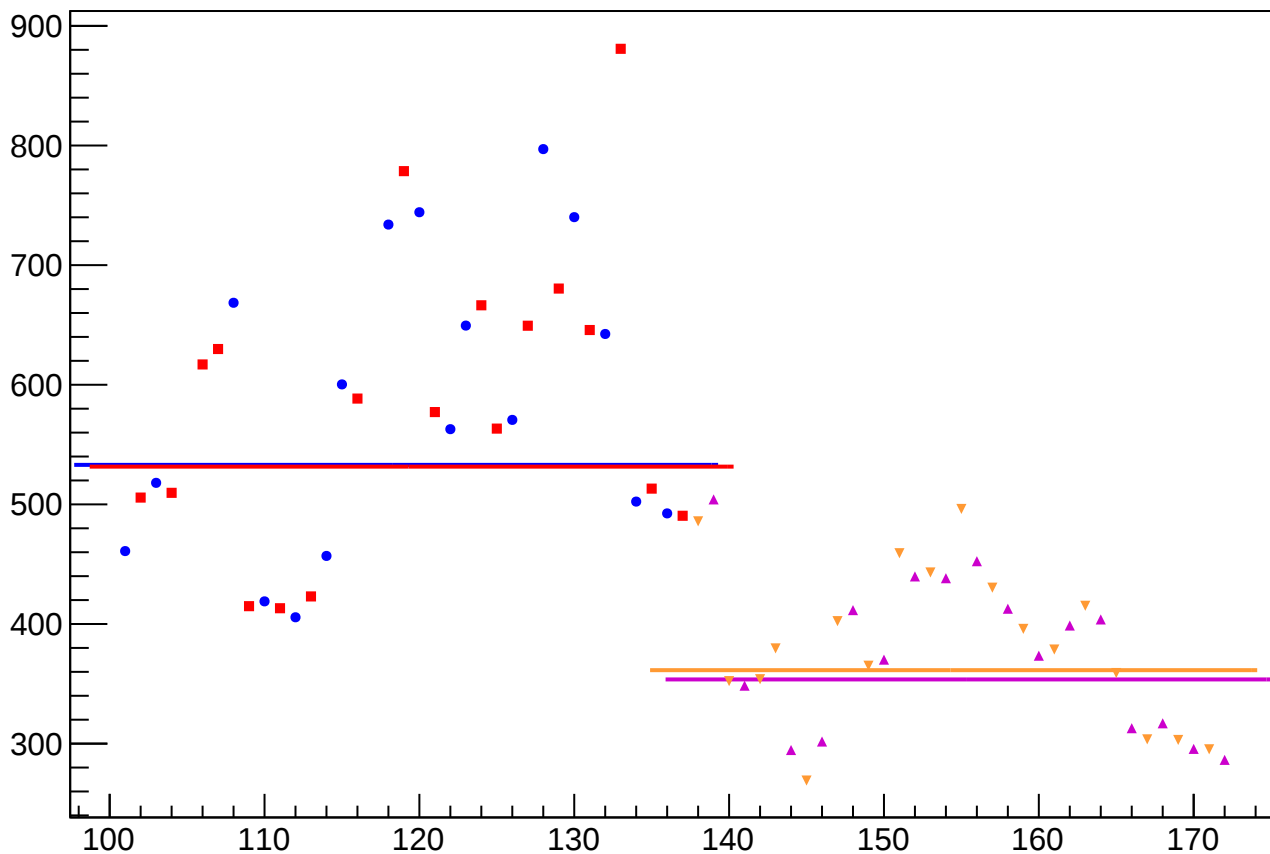
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 56.100 $\pm$ 89.202 χ^2 /NDF:41.3/33

Out: 378.003 $\pm$ 89.669 χ^2 /NDF:71.9/35

All: 216.210 $\pm$ 63.240 χ^2 /NDF: 119.7/69

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 361.408+/-0.070 χ^2/NDF : 813024.3/17

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 353.663+/-0.070 χ^2/NDF : 754814.6/16

Left: 357.486+/-0.050 χ^2/NDF : 1573958.8/34

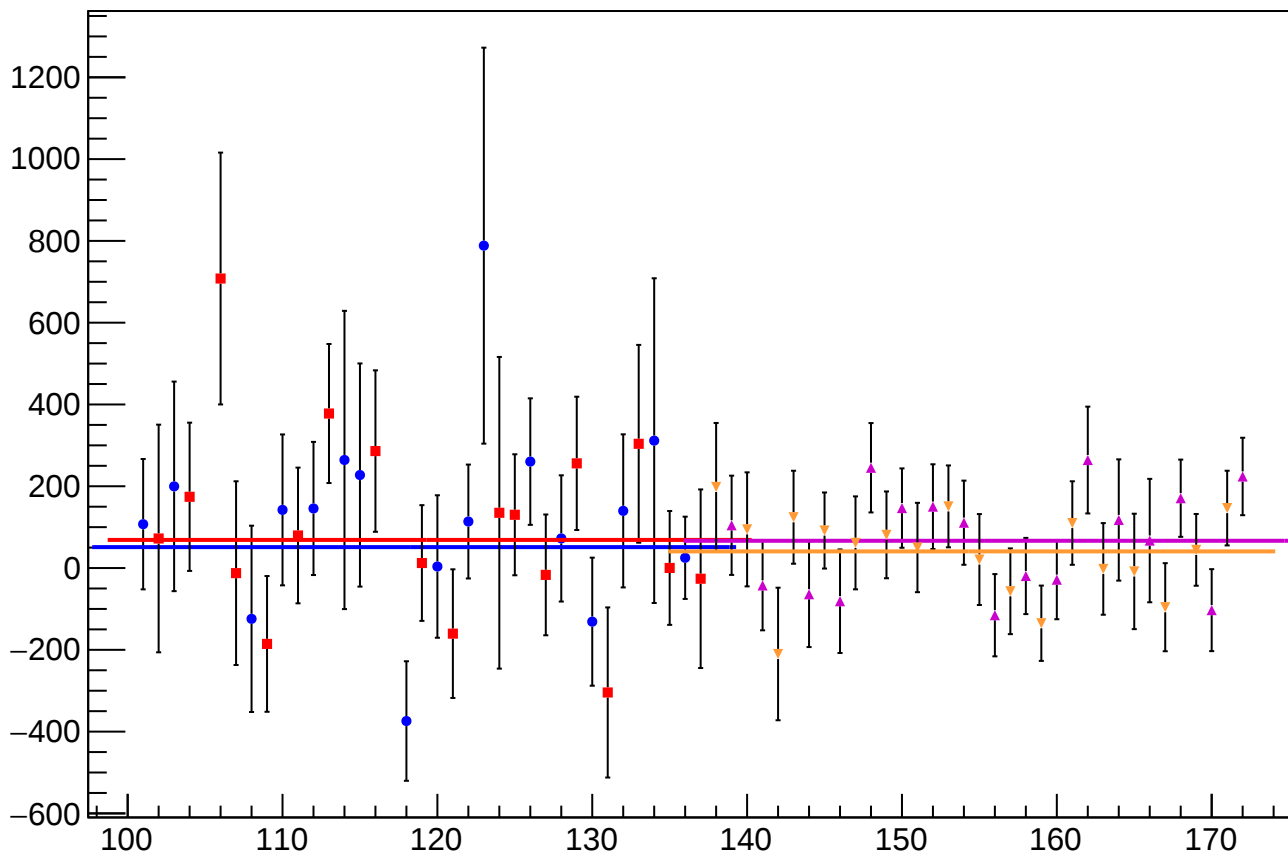
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 385.575+/-0.063 χ^2/NDF : 2504443.0/33

Out: 393.742+/-0.063 χ^2/NDF : 2519355.6/35

All: 389.637+/-0.045 χ^2/NDF : 5032137.3/69

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: 40.710 $\pm$ 25.609 χ^2 /NDF:14.0/17

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 66.668 $\pm$ 26.324 χ^2 /NDF:22.0/16

Left: 53.332 $\pm$ 18.356 χ^2 /NDF: 36.5/34

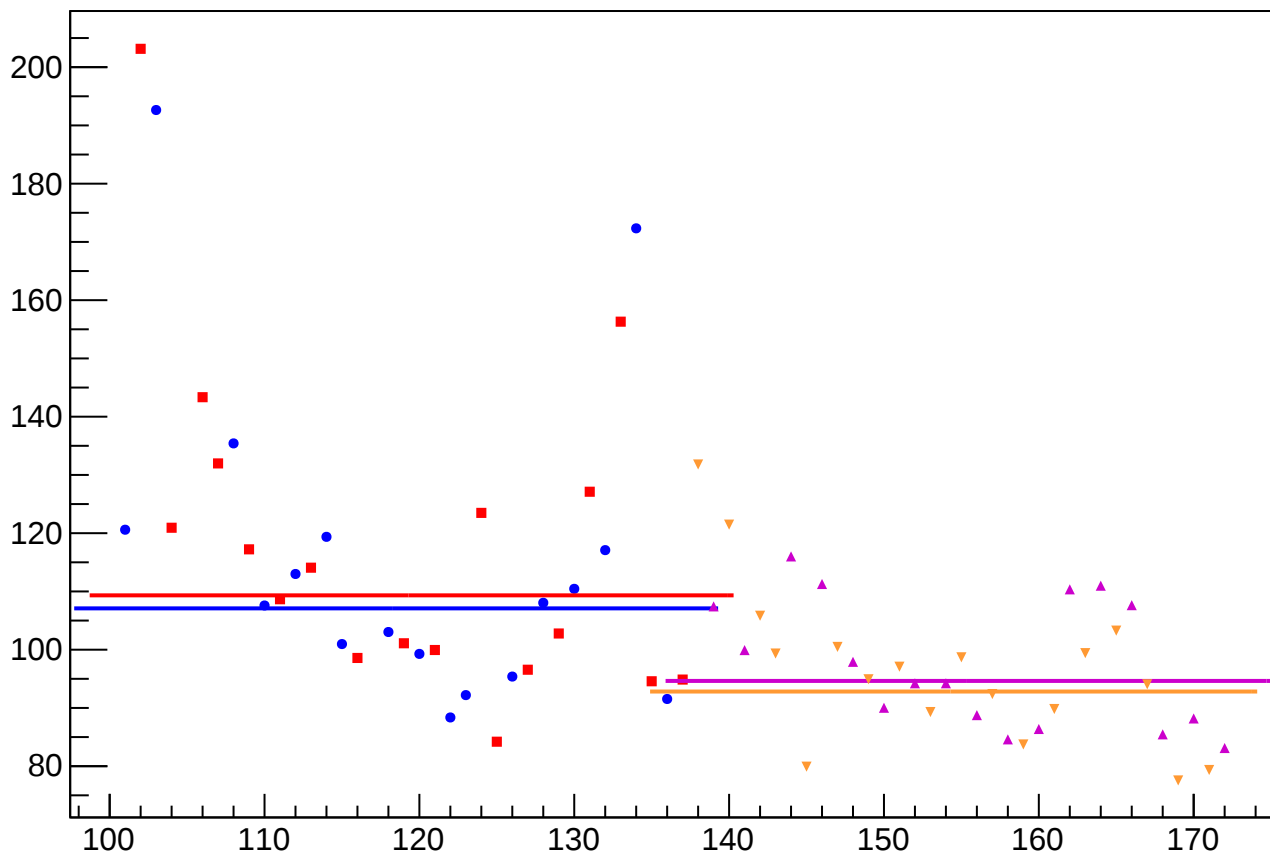
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 62.357 $\pm$ 22.367 χ^2 /NDF:39.5/33

Out: 48.109 $\pm$ 21.976 χ^2 /NDF:34.7/35

All: 55.108 $\pm$ 15.676 χ^2 /NDF: 74.4/69

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: 92.818 $\pm$ 0.018 χ^2 /NDF:430974.1/17

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 94.639 $\pm$ 0.019 χ^2 /NDF:291958.6/16

Left: 93.704 $\pm$ 0.013 χ^2 /NDF: 727847.9/34

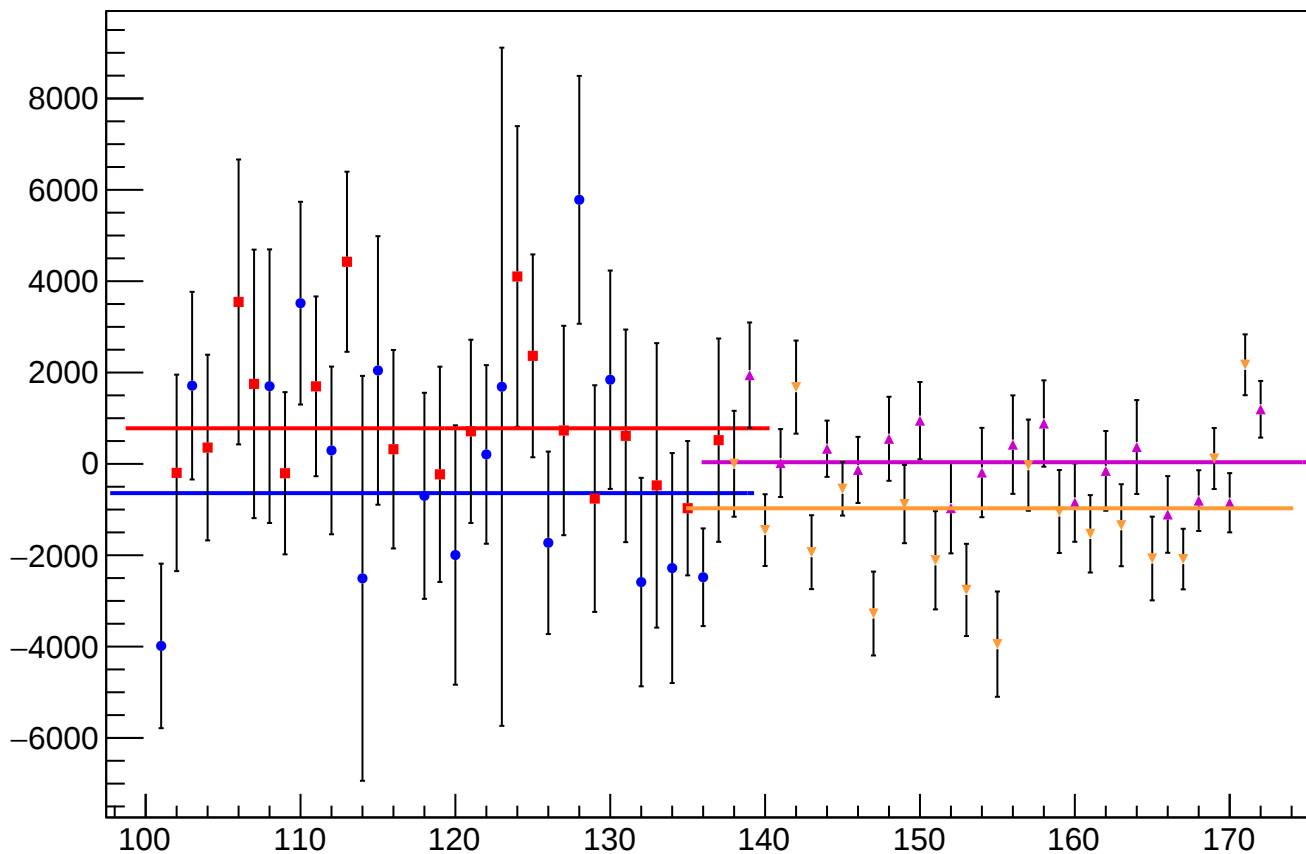
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 98.102 $\pm$ 0.016 χ^2 /NDF:854207.0/33

Out: 97.171 $\pm$ 0.016 χ^2 /NDF:1156140.9/35

All: 97.628 $\pm$ 0.011 χ^2 /NDF: 2012113.0/69

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -972.032 $\pm$ 197.203 χ^2 /NDF:57.7/17

Right Out: 779.450 $\pm$ 516.450 χ^2 /NDF: 8.8/17

Left In: 36.515 $\pm$ 196.113 χ^2 /NDF:16.5/16

Left: -464.963 $\pm$ 139.057 χ^2 /NDF: 87.4/34

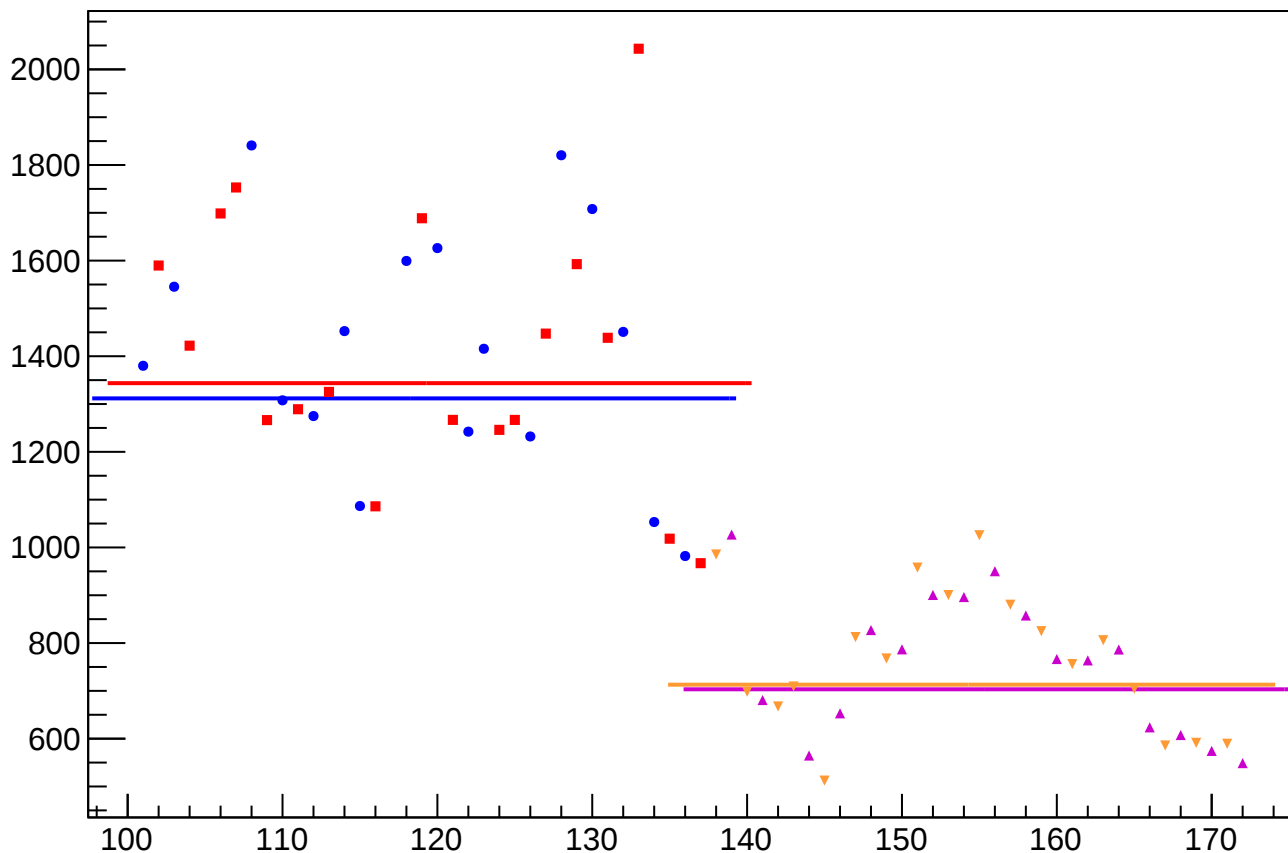
Right: 73.635 $\pm$ 366.171 χ^2 /NDF: 34.4/34

In: -47.921 $\pm$ 183.464 χ^2 /NDF:39.8/33

Out: -749.154 $\pm$ 184.229 χ^2 /NDF:76.5/35

All: -397.078 $\pm$ 129.998 χ^2 /NDF: 123.6/69

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 ± 0.367 $\chi^2/\text{NDF}: 512676.0/16$

Left Out: 712.935 ± 0.139 $\chi^2/\text{NDF}: 1022283.5/17$

Right Out: 1343.659 ± 0.365 $\chi^2/\text{NDF}: 461009.9/17$

Left In: 703.263 ± 0.139 $\chi^2/\text{NDF}: 937518.2/16$

Left: 708.072 ± 0.098 $\chi^2/\text{NDF}: 1962220.4/34$

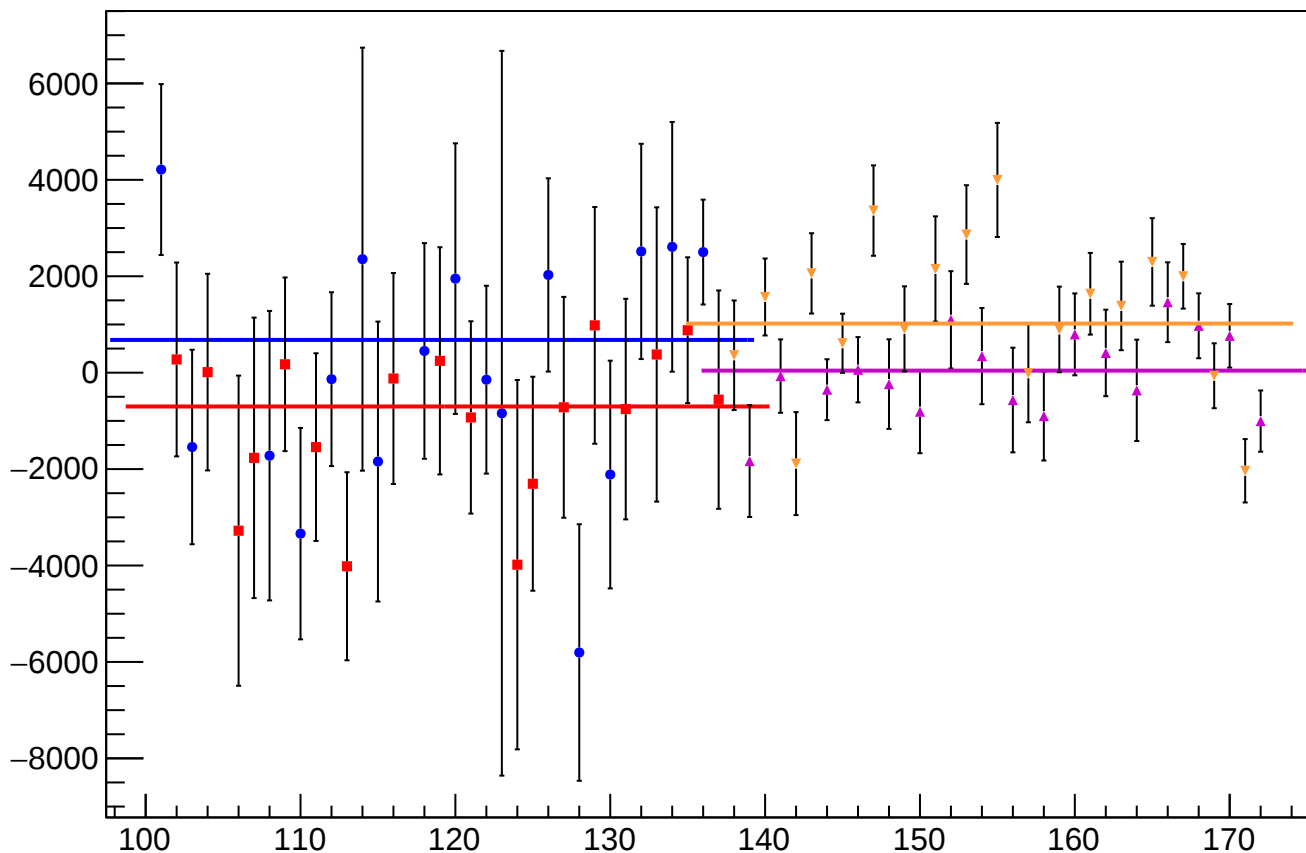
Right: 1327.813 ± 0.259 $\chi^2/\text{NDF}: 977472.0/34$

In: 779.231 ± 0.130 $\chi^2/\text{NDF}: 3854197.7/33$

Out: 793.195 ± 0.130 $\chi^2/\text{NDF}: 4086697.1/35$

All: 786.184 ± 0.092 $\chi^2/\text{NDF}: 7946663.3/69$

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1019.131+/-199.941 χ^2/NDF : 57.2/17

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: 42.802+/-197.410 χ^2/NDF : 16.5/16

Left: 524.749+/-140.476 χ^2/NDF : 85.7/34

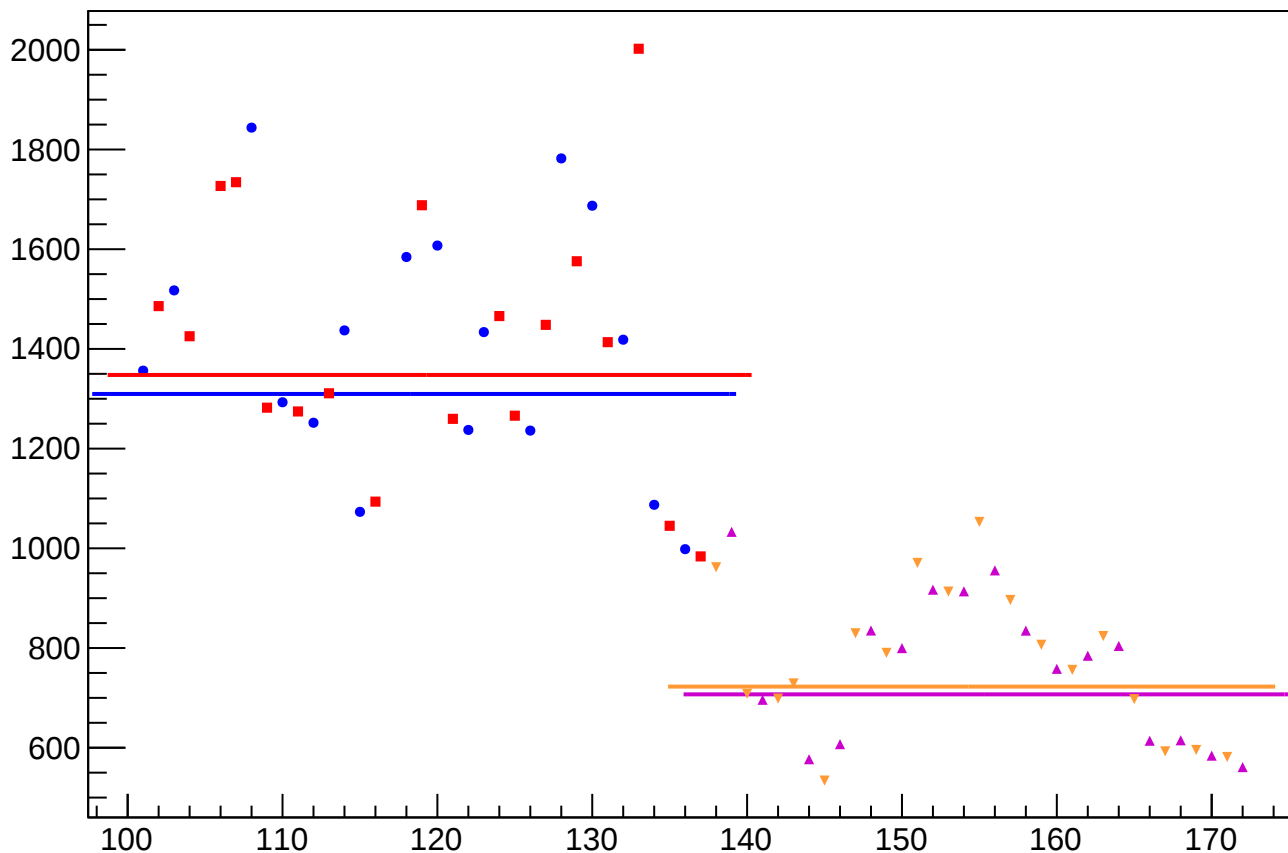
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 123.735+/-184.446 χ^2/NDF : 40.4/33

Out: 795.586+/-186.496 χ^2/NDF : 74.4/35

All: 455.947+/-131.142 χ^2/NDF : 121.4/69

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 722.628 $\pm$ 0.141 χ^2 /NDF: 989361.1/17

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 707.068 $\pm$ 0.140 χ^2 /NDF: 941251.5/16

Left: 714.749 $\pm$ 0.099 χ^2 /NDF: 1936746.4/34

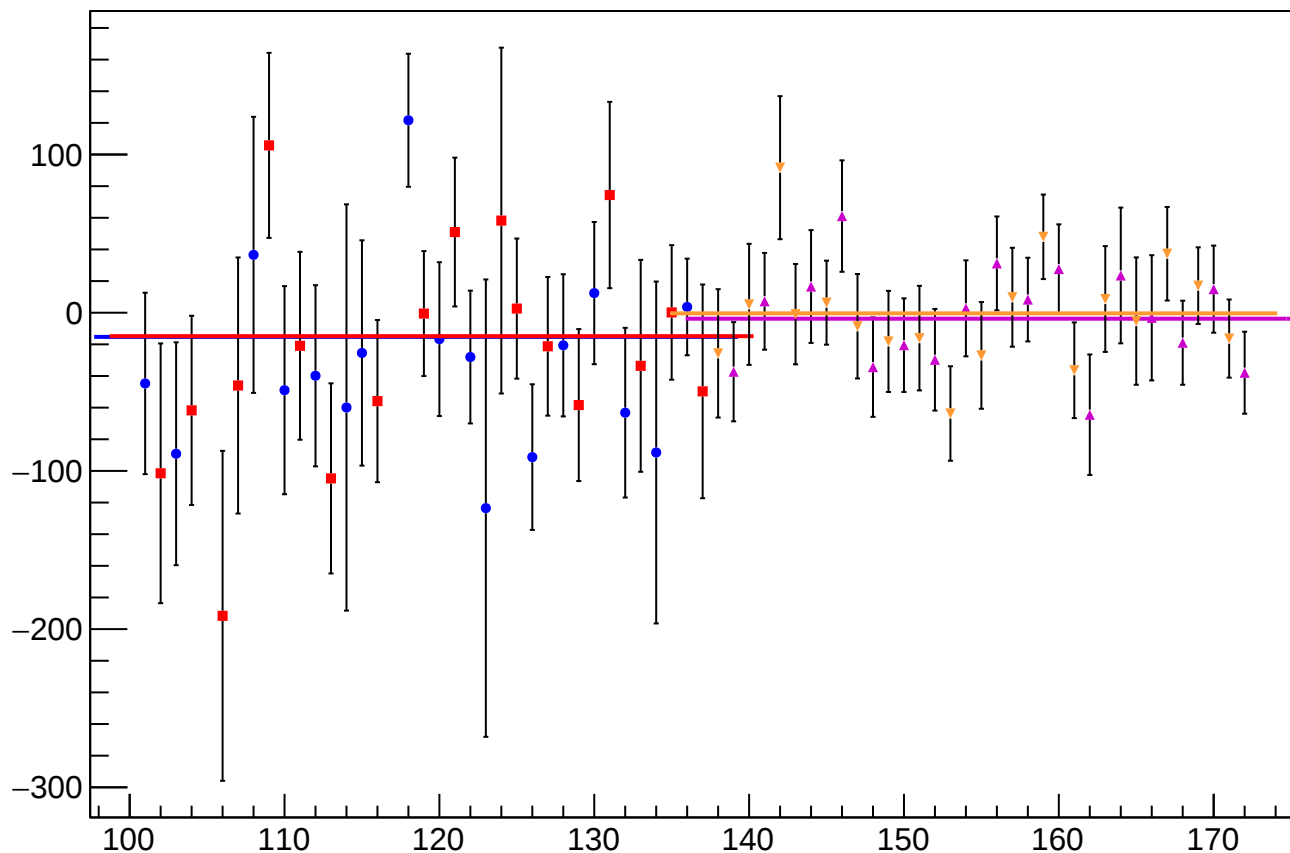
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 783.614 $\pm$ 0.130 χ^2 /NDF: 3767762.7/33

Out: 803.873 $\pm$ 0.132 χ^2 /NDF: 3935701.1/35

All: 793.632 $\pm$ 0.093 χ^2 /NDF: 7715395.4/69

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: -0.408 ± 7.348 χ^2/NDF : 17.8/17

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -3.793 ± 7.494 χ^2/NDF : 15.3/16

Left: -2.067 ± 5.247 χ^2/NDF : 33.1/34

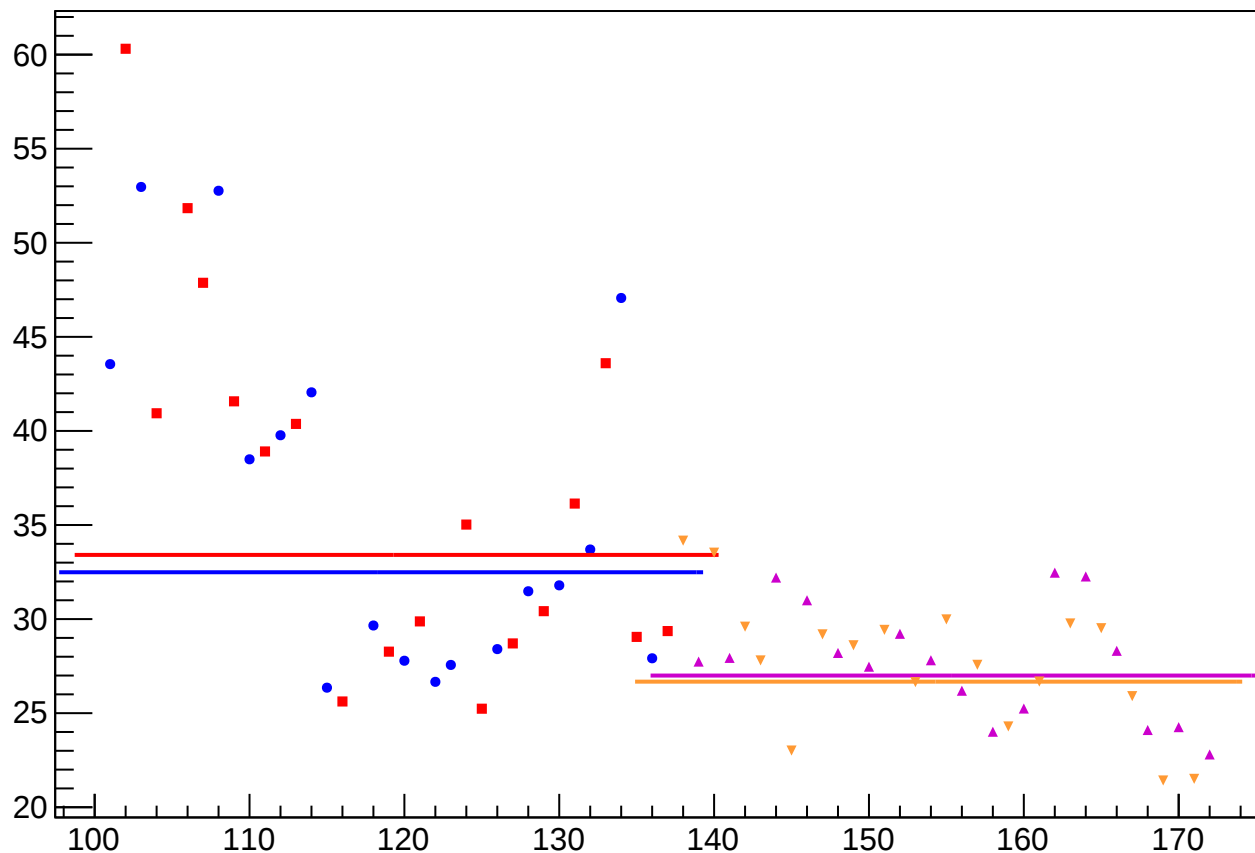
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -6.690 ± 6.481 χ^2/NDF : 34.2/33

Out: -3.862 ± 6.408 χ^2/NDF : 36.9/35

All: -5.260 ± 4.557 χ^2/NDF : 71.2/69

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 26.675+/-0.005 χ^2/NDF : 460877.2/17

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 26.999+/-0.005 χ^2/NDF : 290091.5/16

Left: 26.834+/-0.004 χ^2/NDF : 752874.8/34

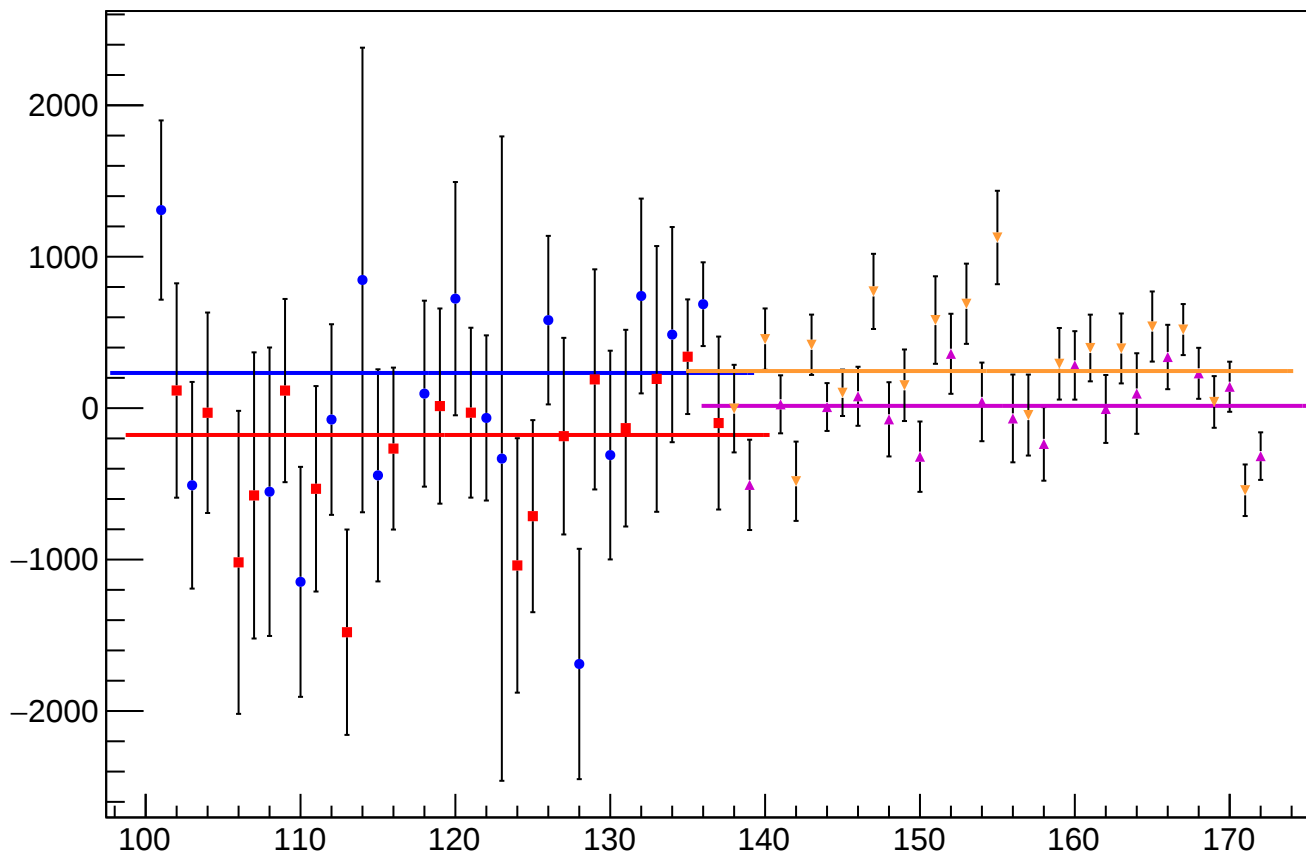
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.383+/-0.005 χ^2/NDF : 1155206.0/33

Out: 28.288+/-0.005 χ^2/NDF : 1588458.6/35

All: 28.335+/-0.003 χ^2/NDF : 2743884.3/69

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: 244.978 $\pm$ 51.063 χ^2 /NDF:57.3/17

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 15.017 $\pm$ 50.890 χ^2 /NDF:18.7/16

Left: 129.608 $\pm$ 36.046 χ^2 /NDF: 86.2/34

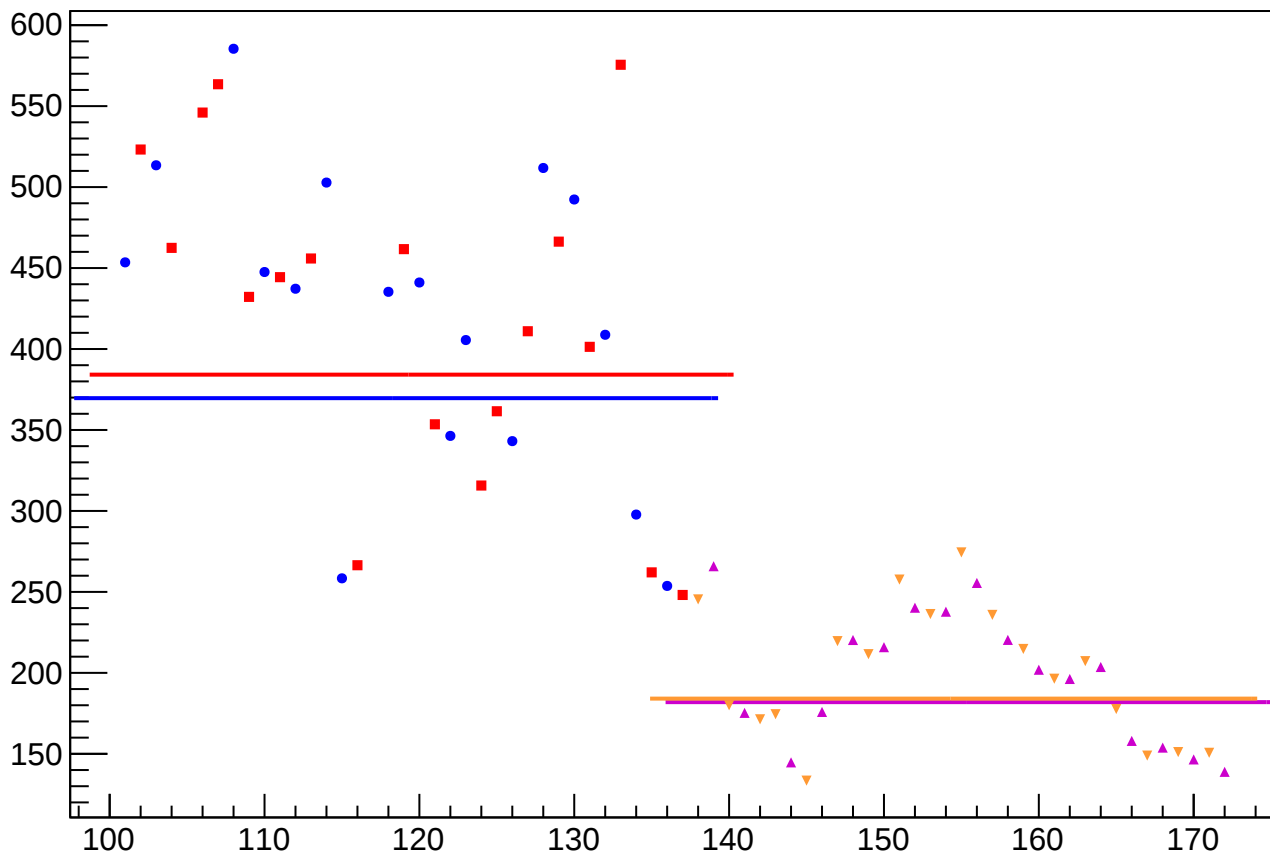
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 37.827 $\pm$ 48.145 χ^2 /NDF:42.1/33

Out: 201.141 $\pm$ 48.339 χ^2 /NDF:74.0/35

All: 119.156 $\pm$ 34.112 χ^2 /NDF: 121.8/69

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: 184.102+/-0.036 χ^2/NDF : 1140486.0/17

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 181.924+/-0.036 χ^2/NDF : 1094184.7/16

Left: 183.010+/-0.025 χ^2/NDF : 2236496.4/34

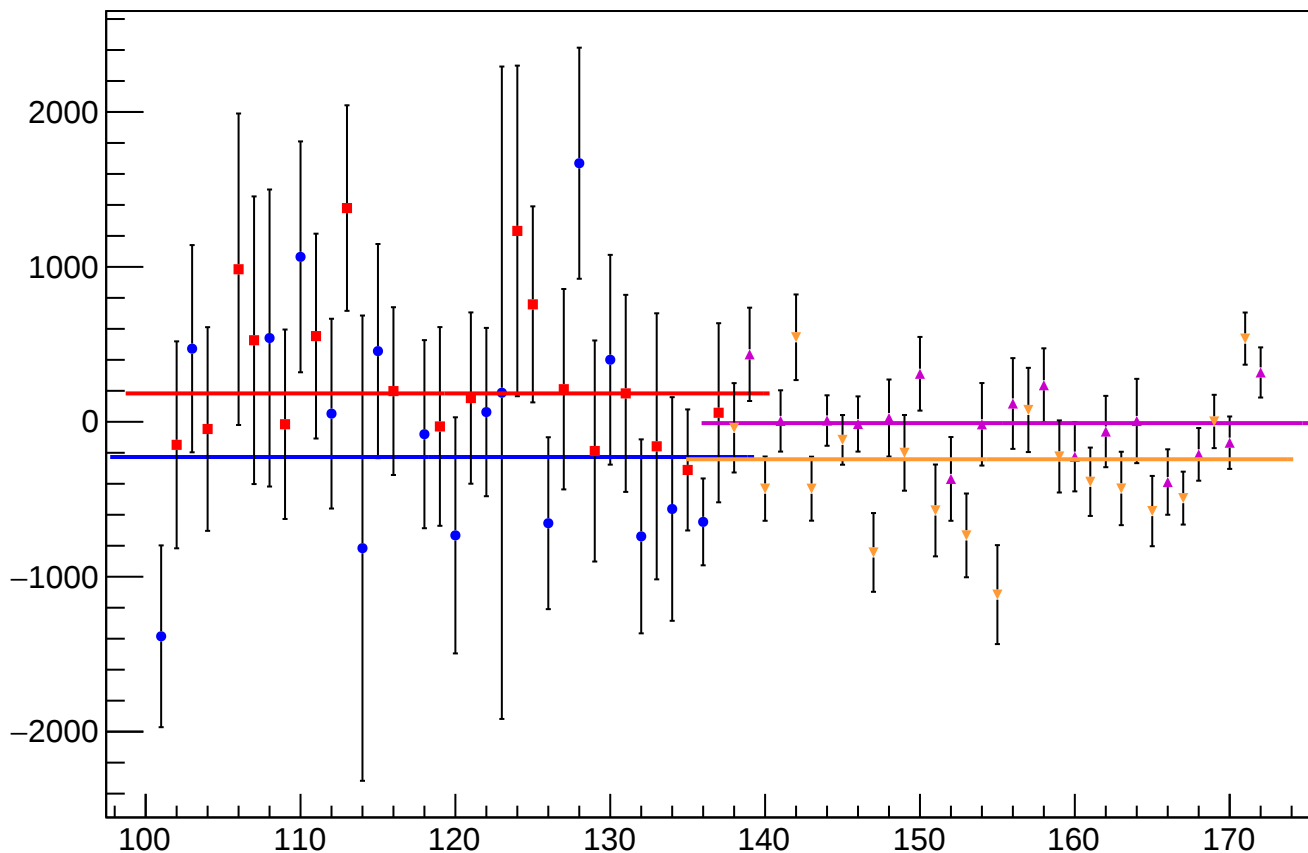
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 201.628+/-0.034 χ^2/NDF : 4853487.7/33

Out: 204.879+/-0.034 χ^2/NDF : 5203867.8/35

All: 203.247+/-0.024 χ^2/NDF : 10061895.8/69

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 $\pm$ 147.923 χ^2 /NDF: 21.8/16

Left Out: -241.714 $\pm$ 51.927 χ^2 /NDF:58.7/17

Right Out: 183.318 $\pm$ 150.486 χ^2 /NDF: 8.8/17

Left In: -8.438 $\pm$ 51.360 χ^2 /NDF:17.3/16

Left: -123.796 $\pm$ 36.516 χ^2 /NDF: 86.2/34

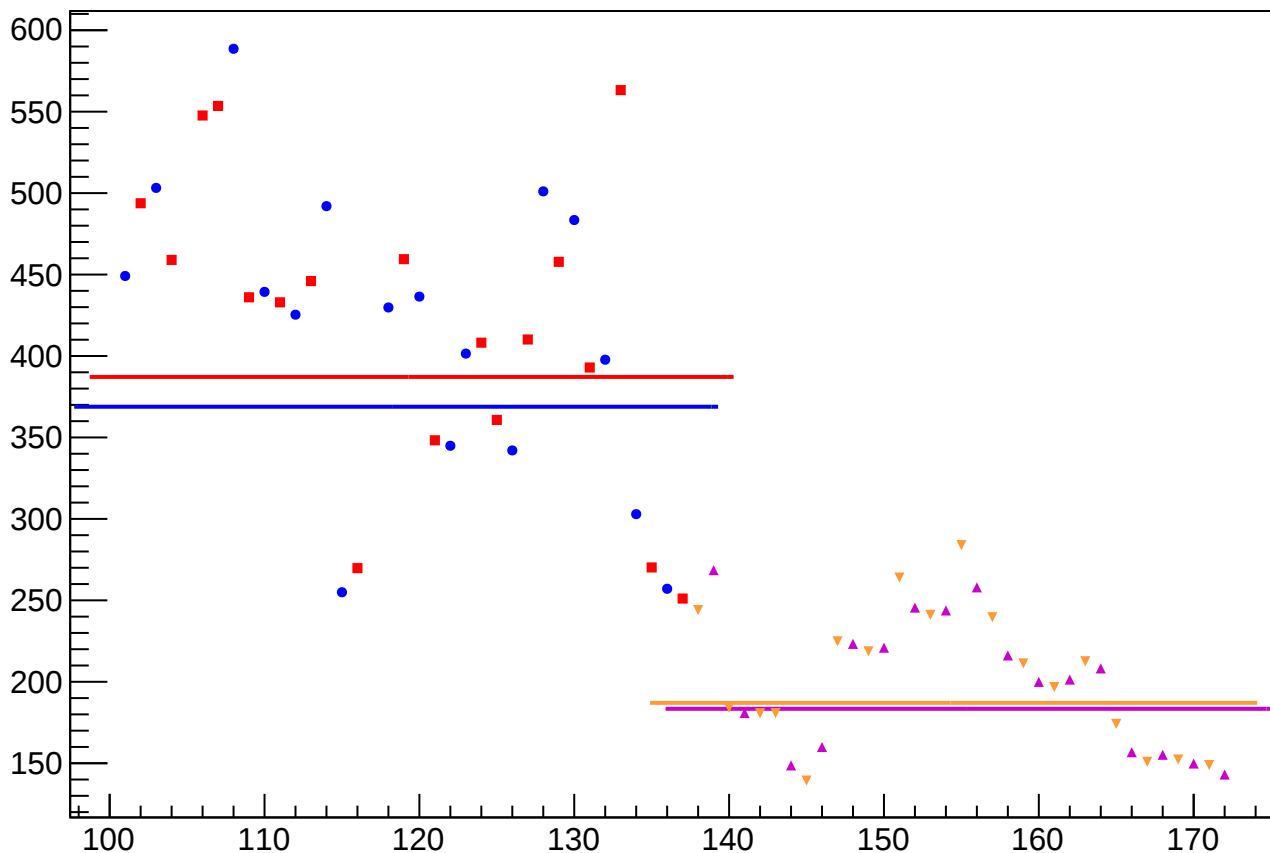
Right: -25.507 $\pm$ 105.492 χ^2 /NDF: 34.4/34

In: -31.982 $\pm$ 48.519 χ^2 /NDF:41.1/33

Out: -196.491 $\pm$ 49.087 χ^2 /NDF:74.7/35

All: -113.279 $\pm$ 34.507 χ^2 /NDF: 121.4/69

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: 187.083 $\pm$ 0.037 χ^2 /NDF: 1139014.6/17

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 183.412 $\pm$ 0.036 χ^2 /NDF: 1092280.1/16

Left: 185.227 $\pm$ 0.026 χ^2 /NDF: 2236346.4/34

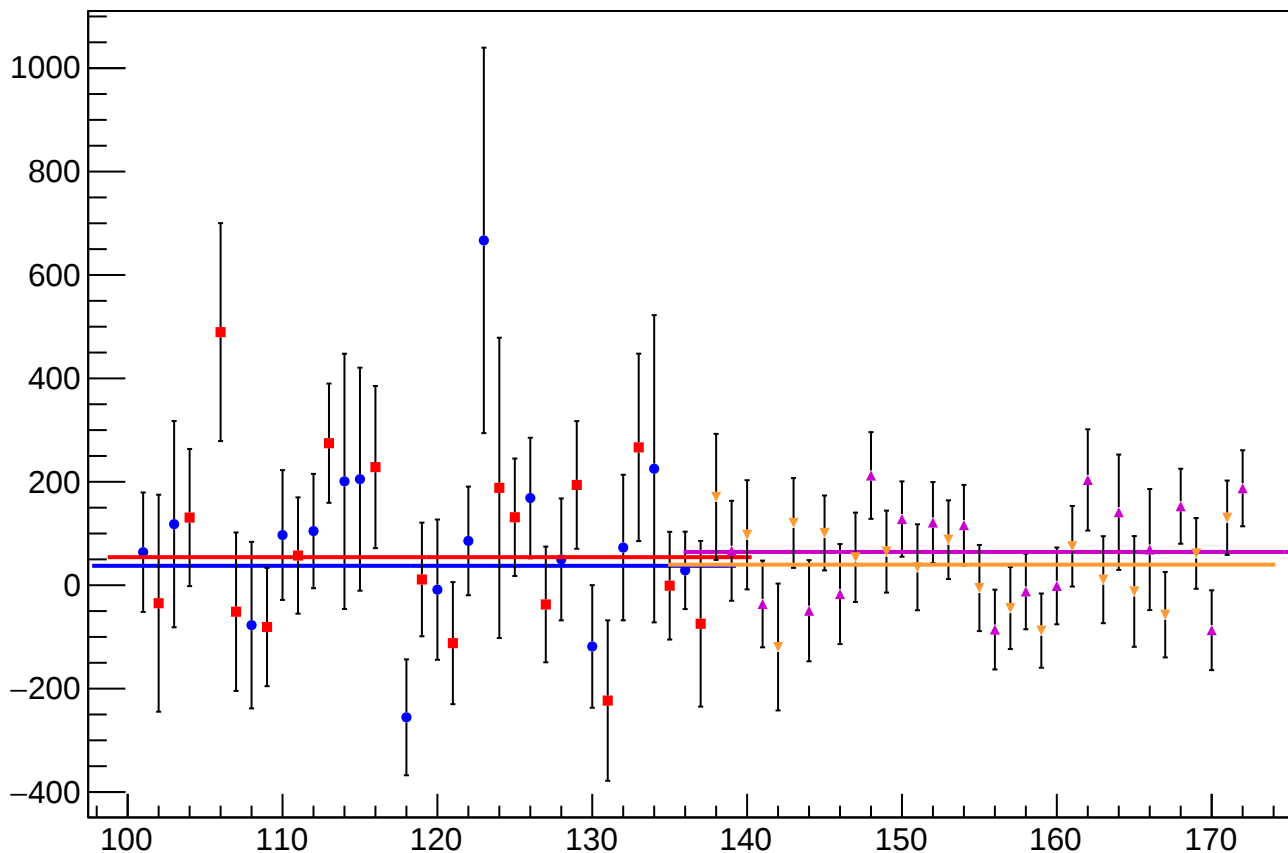
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 203.364 $\pm$ 0.034 χ^2 /NDF: 4727357.3/33

Out: 208.371 $\pm$ 0.035 χ^2 /NDF: 5056457.3/35

All: 205.839 $\pm$ 0.024 χ^2 /NDF: 9794341.6/69

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.776 $\pm$ 19.608 χ^2 /NDF:13.5/17

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 64.346 $\pm$ 20.180 χ^2 /NDF:24.6/16

Left: 51.708 $\pm$ 14.063 χ^2 /NDF: 38.9/34

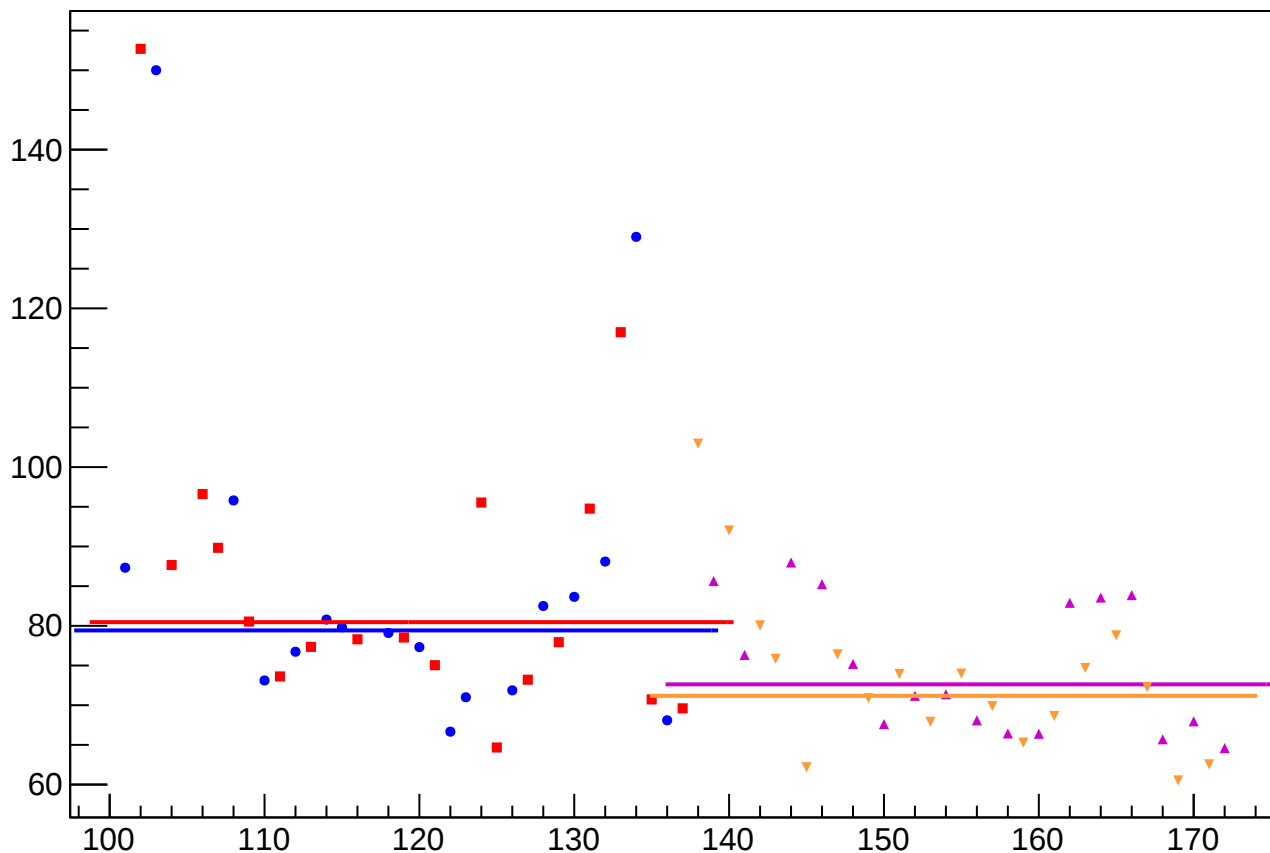
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 56.530 $\pm$ 16.986 χ^2 /NDF:41.0/33

Out: 43.827 $\pm$ 16.645 χ^2 /NDF:35.4/35

All: 50.050 $\pm$ 11.889 χ^2 /NDF: 76.7/69

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: 71.179 $\pm$ 0.014 χ^2 /NDF: 383873.0/17

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 72.628 $\pm$ 0.014 χ^2 /NDF: 280344.2/16

Left: 71.883 $\pm$ 0.010 χ^2 /NDF: 669523.2/34

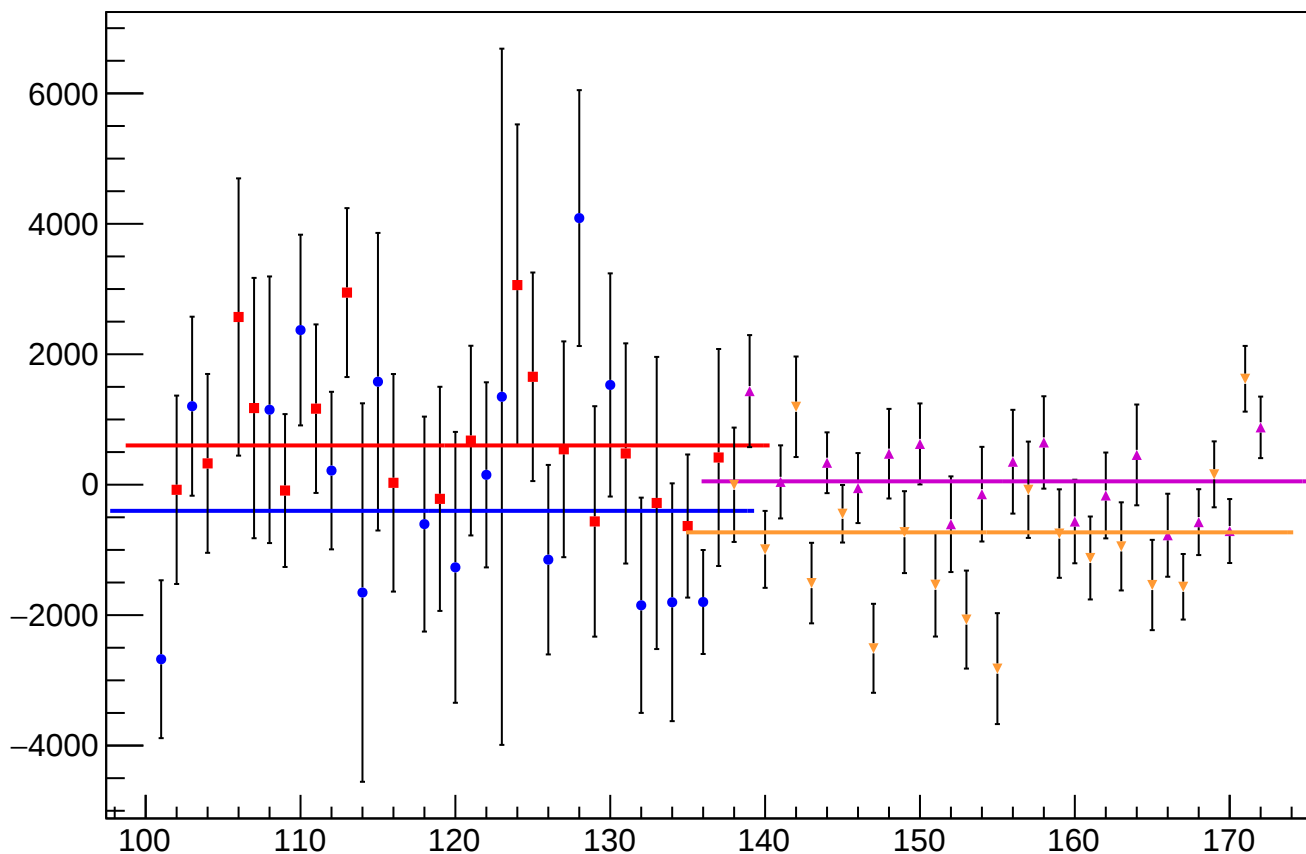
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 74.609 $\pm$ 0.012 χ^2 /NDF: 785455.2/33

Out: 73.774 $\pm$ 0.012 χ^2 /NDF: 963587.7/35

All: 74.183 $\pm$ 0.008 χ^2 /NDF: 1751507.7/69

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -730.734 $\pm$ 148.094 χ^2 /NDF:56.5/17

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 51.320 $\pm$ 147.257 χ^2 /NDF:16.0/16

Left: -337.490 $\pm$ 104.421 χ^2 /NDF: 86.5/34

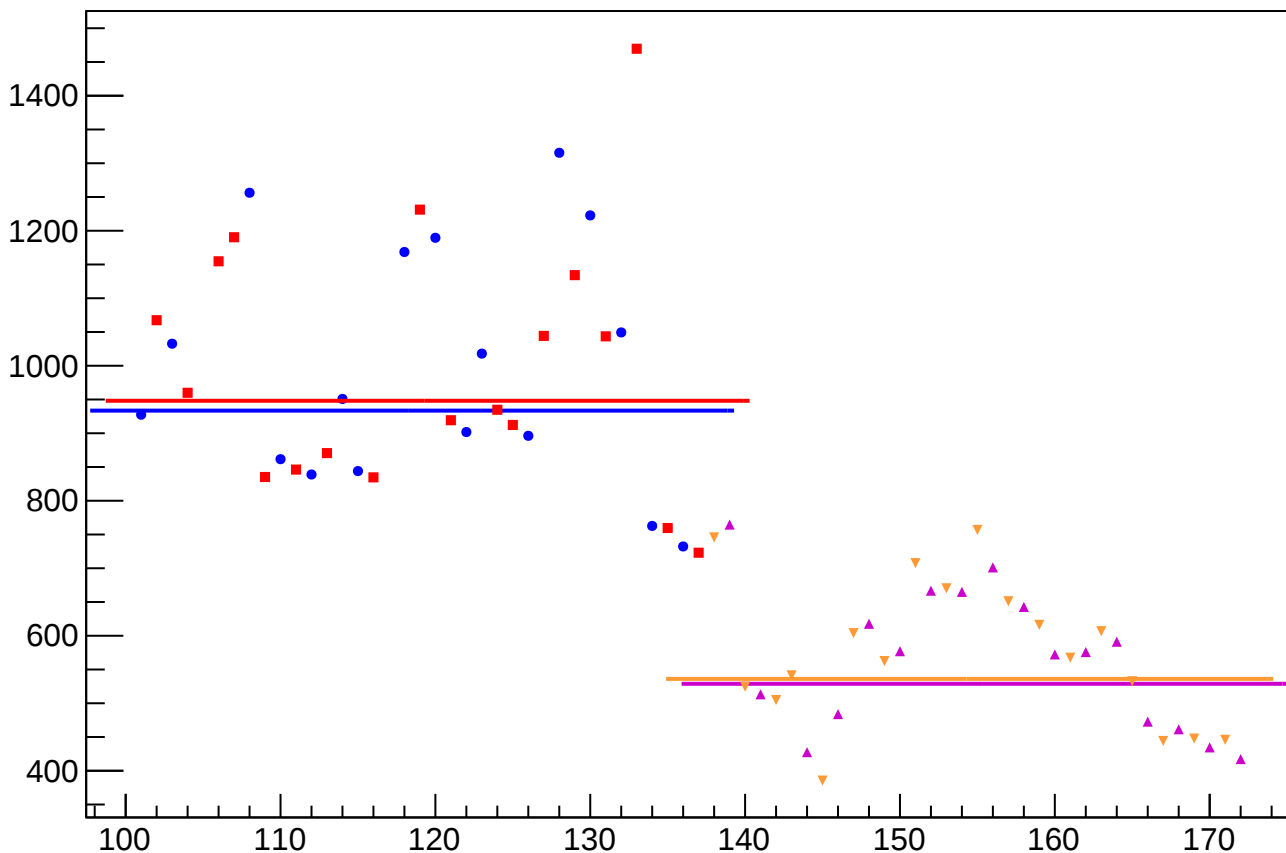
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: -10.977 $\pm$ 136.742 χ^2 /NDF:39.2/33

Out: -541.178 $\pm$ 137.157 χ^2 /NDF:76.7/35

All: -275.273 $\pm$ 96.838 χ^2 /NDF: 123.4/69

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: 536.106 $\pm$ 0.105 χ^2 /NDF: 961753.7/17

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 528.847 $\pm$ 0.104 χ^2 /NDF: 862327.1/16

Left: 532.456 $\pm$ 0.074 χ^2 /NDF: 1826496.6/34

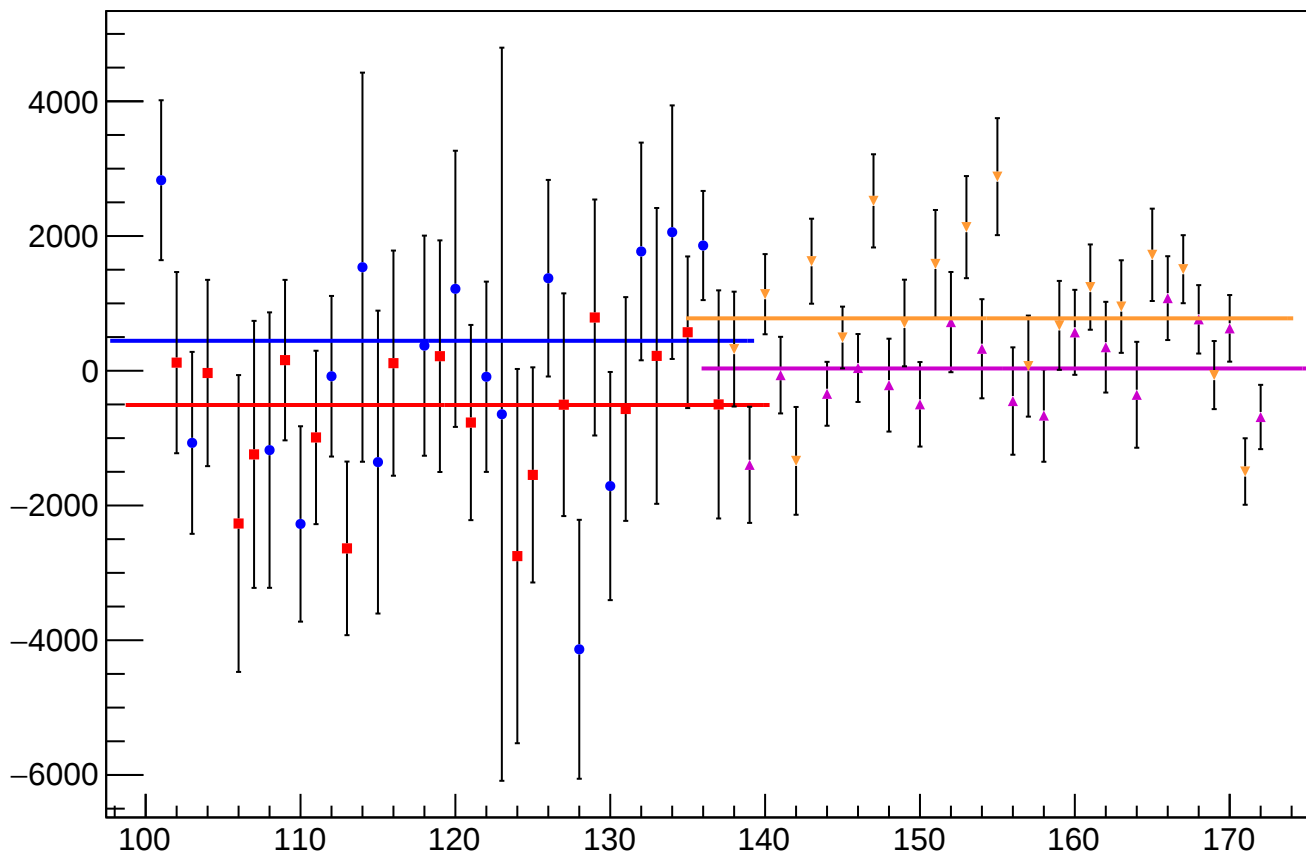
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 584.577 $\pm$ 0.097 χ^2 /NDF: 3384748.9/33

Out: 594.713 $\pm$ 0.097 χ^2 /NDF: 3568989.8/35

All: 589.630 $\pm$ 0.068 χ^2 /NDF: 6959216.3/69

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 778.131+/-149.191 χ^2/NDF :55.8/17

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: 33.988+/-147.280 χ^2/NDF :16.5/16

Left: 401.262+/-104.812 χ^2/NDF : 84.9/34

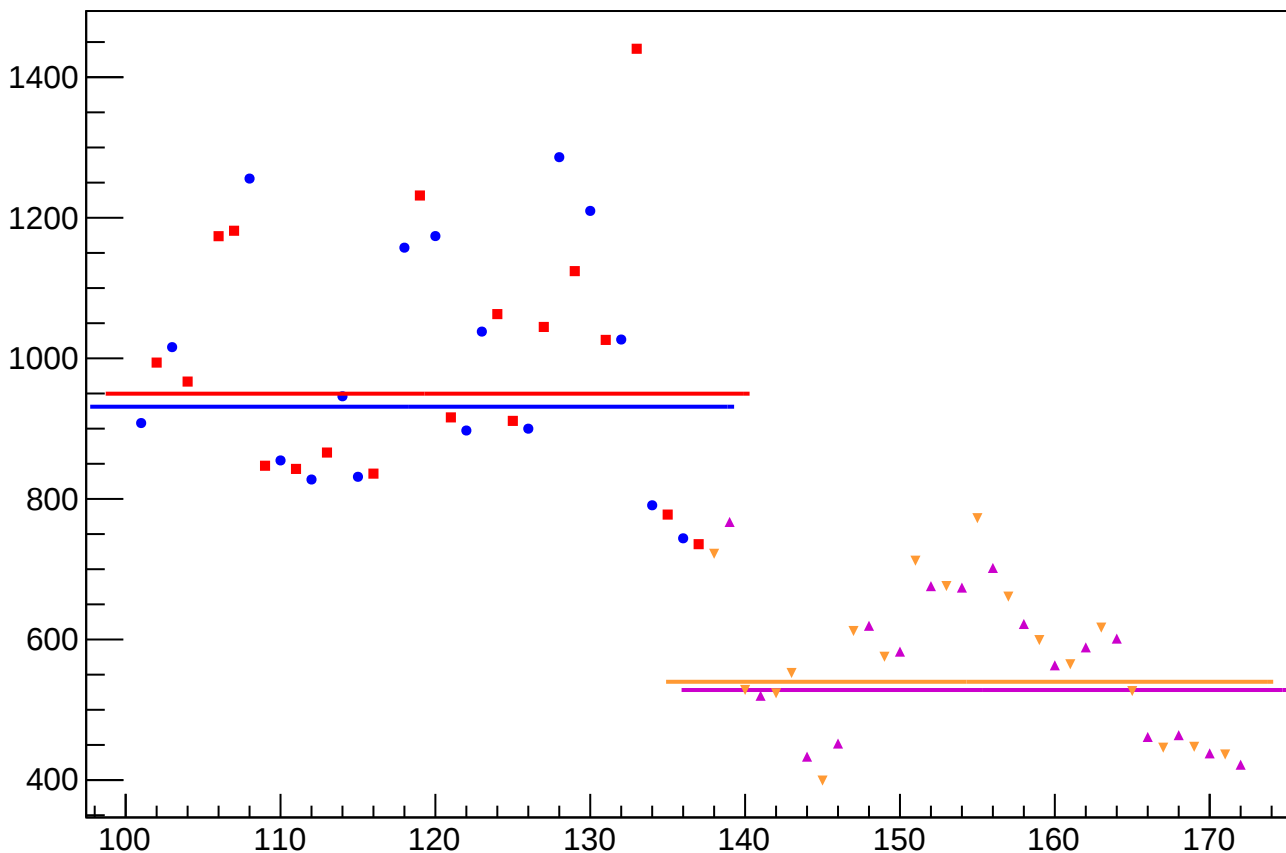
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 90.927+/-136.689 χ^2/NDF :40.5/33

Out: 593.214+/-138.052 χ^2/NDF :73.8/35

All: 339.579+/-97.132 χ^2/NDF : 120.9/69

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 539.862 $\pm$ 0.105 χ^2 /NDF: 931573.2/17

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 528.148 $\pm$ 0.104 χ^2 /NDF: 880590.2/16

Left: 533.929 $\pm$ 0.074 χ^2 /NDF: 1818408.7/34

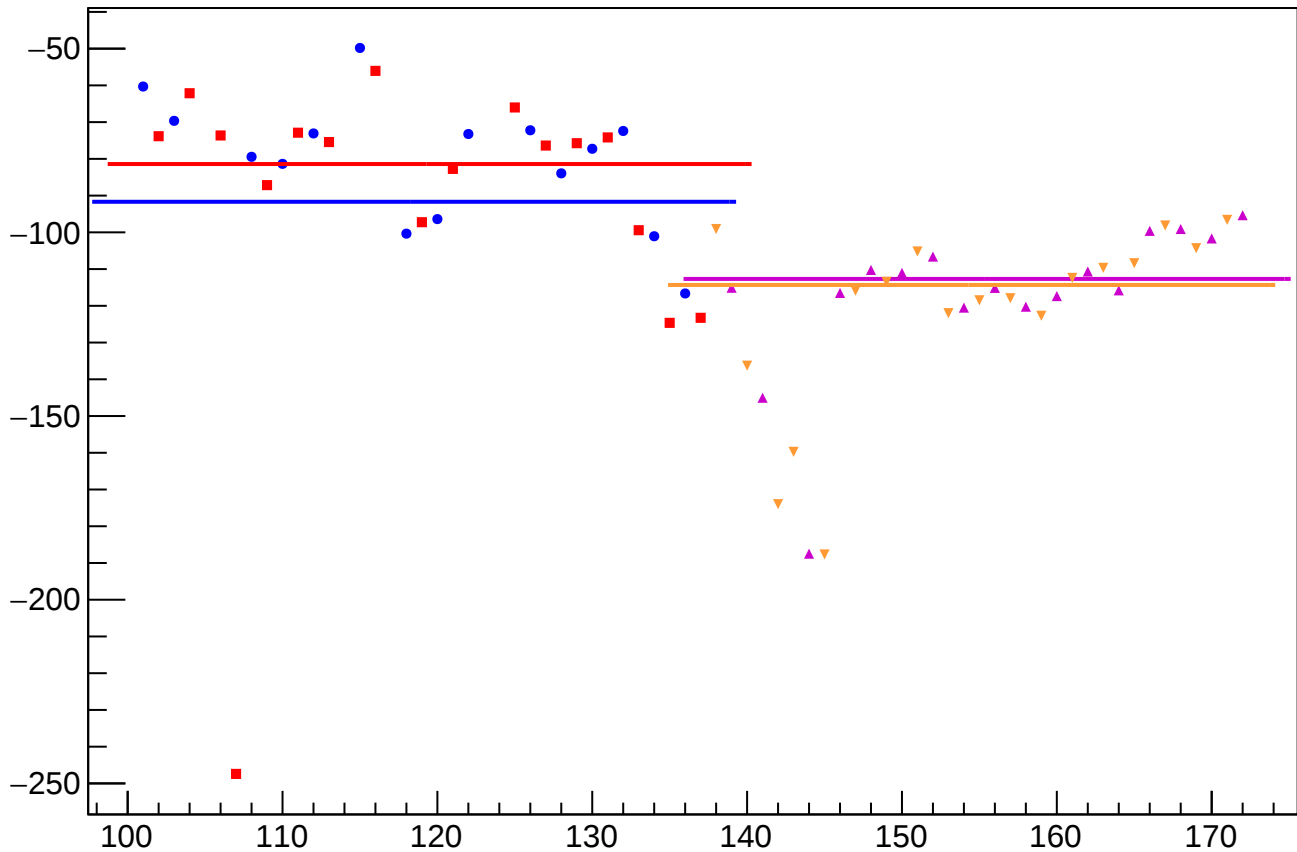
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 584.029 $\pm$ 0.097 χ^2 /NDF: 3357539.5/33

Out: 598.784 $\pm$ 0.098 χ^2 /NDF: 3467165.9/35

All: 591.333 $\pm$ 0.069 χ^2 /NDF: 6836241.3/69

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -114.320+/-0.064 χ^2/NDF : 42224.7/17

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -112.678+/-0.057 χ^2/NDF : 78254.6/16

Left: -113.406+/-0.042 χ^2/NDF : 120848.6/34

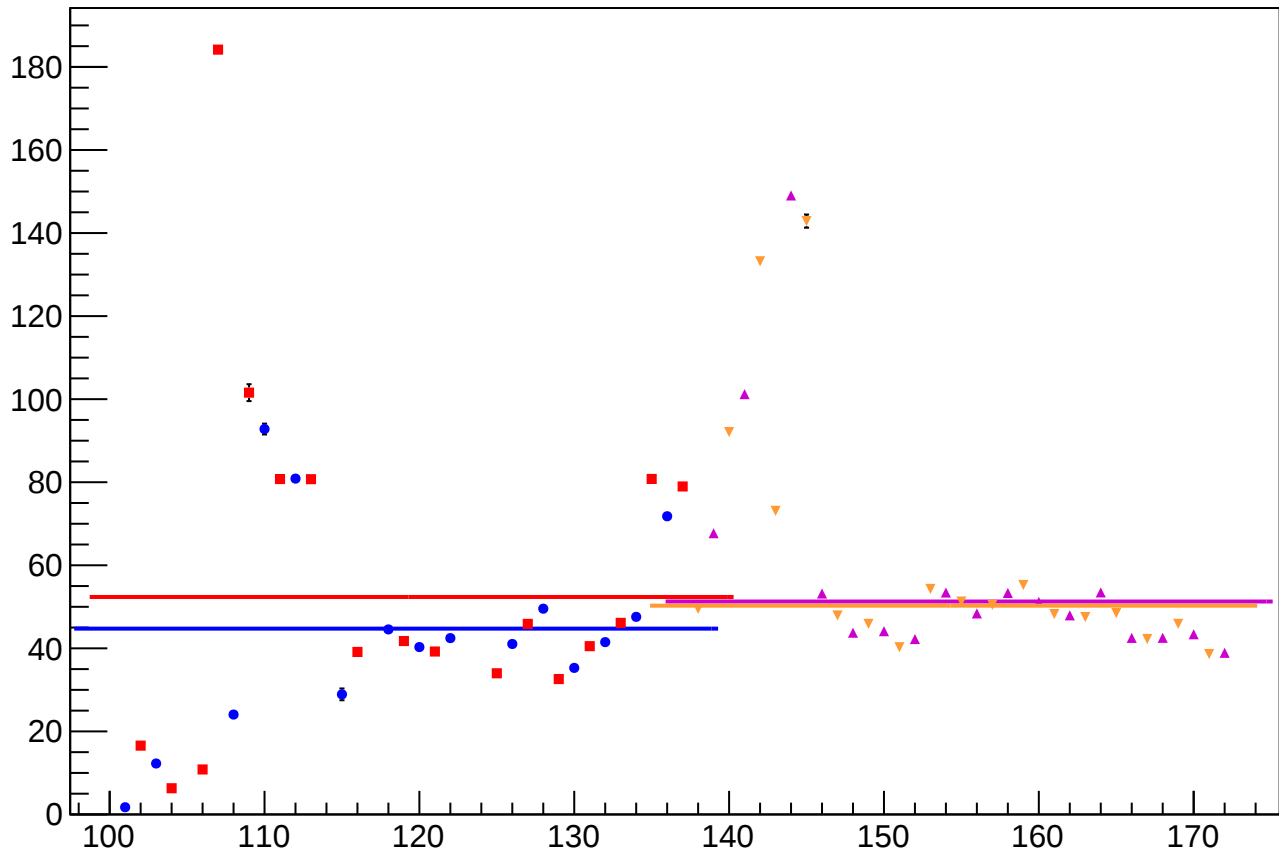
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -104.349+/-0.044 χ^2/NDF : 196967.8/31

Out: -104.596+/-0.054 χ^2/NDF : 162656.6/34

All: -104.449+/-0.034 χ^2/NDF : 359637.1/66

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 50.274 $\pm$ 0.053 χ^2/NDF : 50720.2/17

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 51.274 $\pm$ 0.049 χ^2/NDF : 129140.2/16

Left: 50.810 $\pm$ 0.036 χ^2/NDF : 180053.0/34

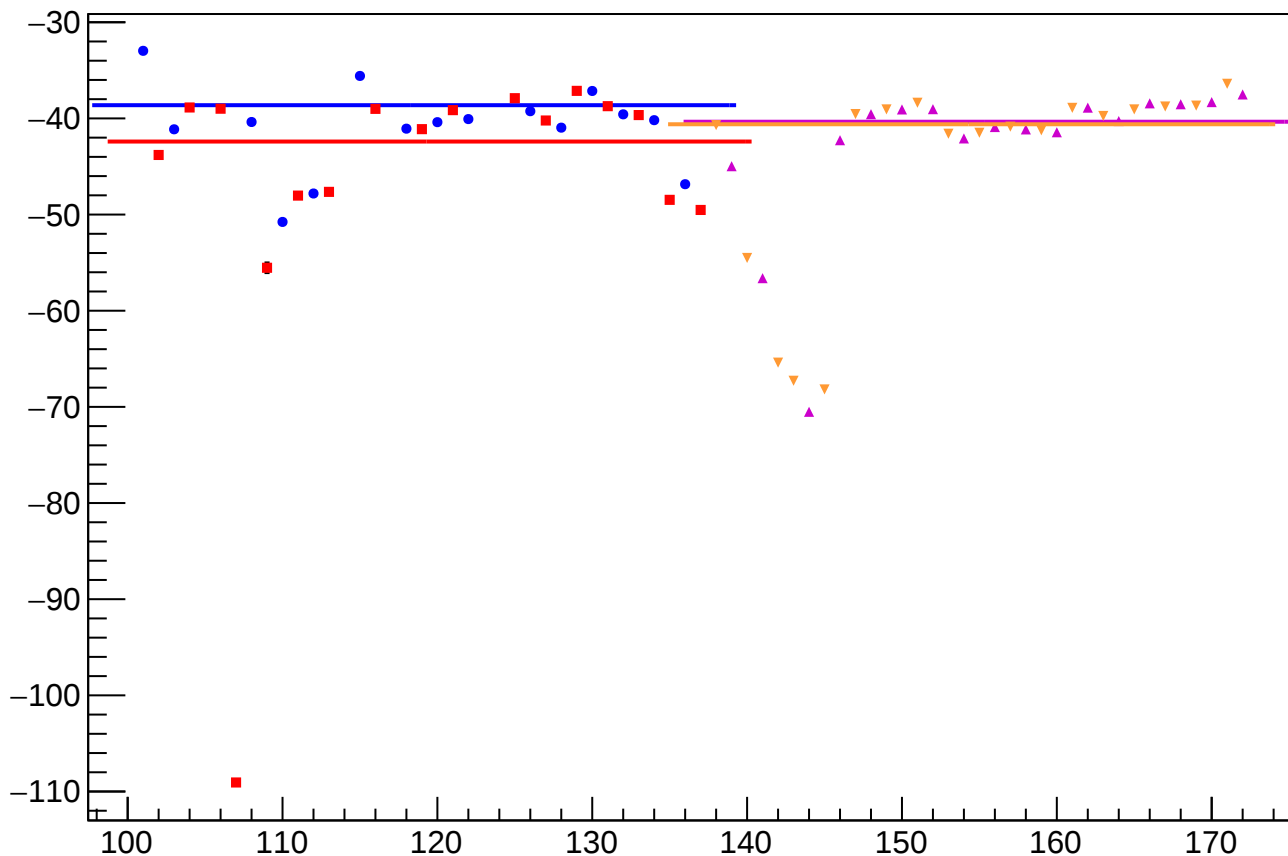
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 48.688 $\pm$ 0.038 χ^2/NDF : 220854.9/31

Out: 50.651 $\pm$ 0.048 χ^2/NDF : 120288.7/34

All: 49.451 $\pm$ 0.030 χ^2/NDF : 342175.2/66

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.608 ± 0.008 $\chi^2/\text{NDF}: 215264.2/17$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.345 ± 0.008 $\chi^2/\text{NDF}: 172783.7/16$

Left: -40.482 ± 0.006 $\chi^2/\text{NDF}: 388573.4/34$

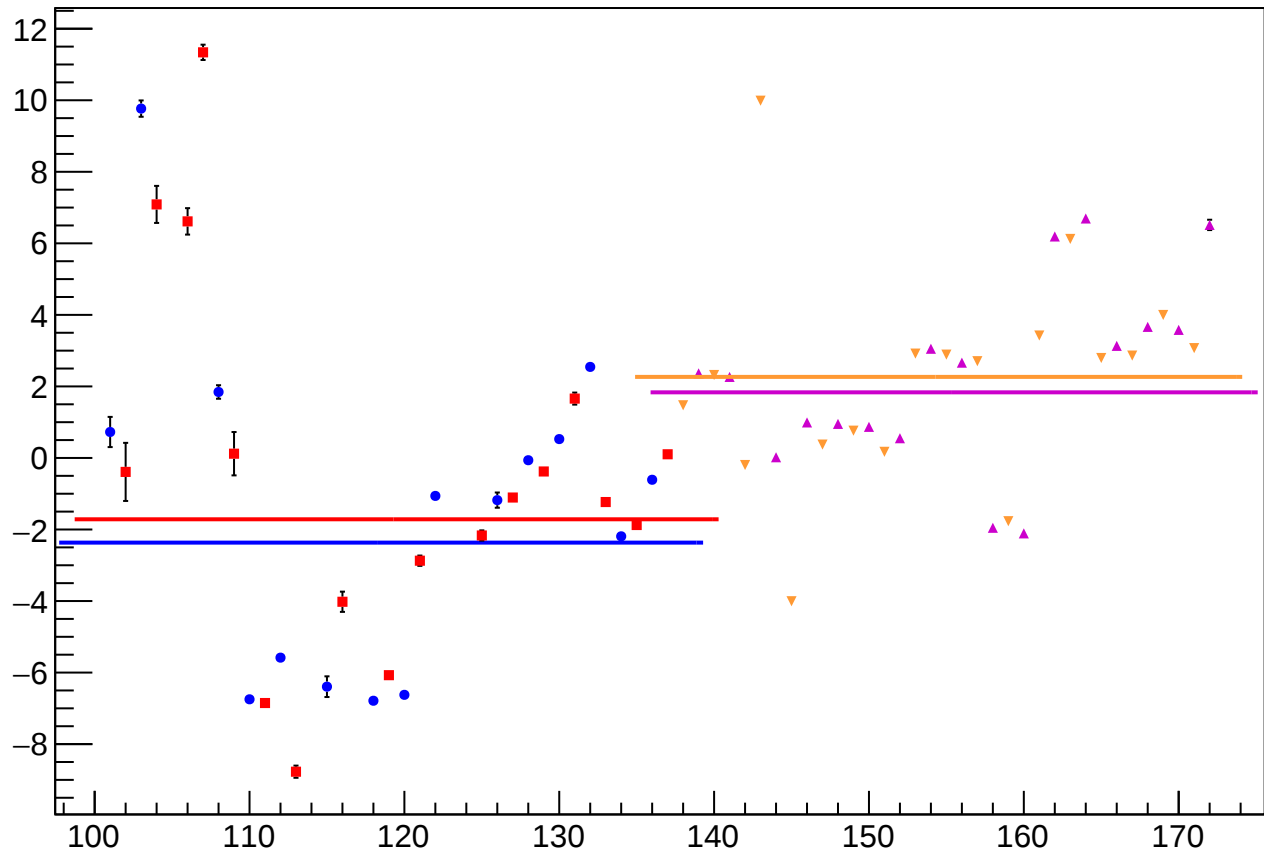
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.483 ± 0.006 $\chi^2/\text{NDF}: 434470.7/31$

Out: -40.829 ± 0.007 $\chi^2/\text{NDF}: 490661.4/34$

All: -39.997 ± 0.005 $\chi^2/\text{NDF}: 945301.9/66$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.266 ± 0.008 χ^2/NDF : 76778.3/17

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.834 ± 0.008 χ^2/NDF : 85140.6/16

Left: 2.042 ± 0.006 χ^2/NDF : 163350.8/34

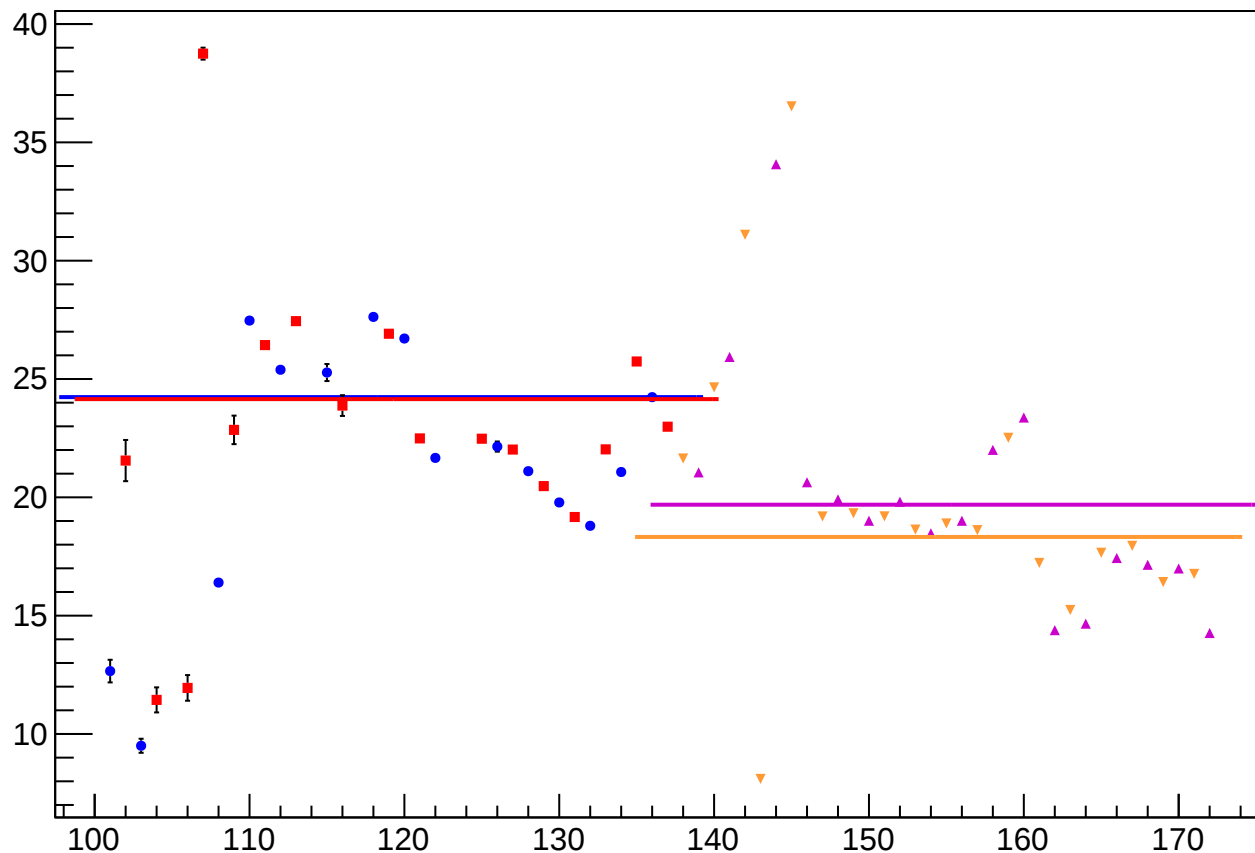
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.826 ± 0.007 χ^2/NDF : 181649.4/31

Out: 1.928 ± 0.008 χ^2/NDF : 109404.3/34

All: 1.304 ± 0.005 χ^2/NDF : 302151.7/66

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.326 $\pm$ 0.008 χ^2 /NDF: 78569.8/17

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.688 $\pm$ 0.008 χ^2 /NDF: 101403.5/16

Left: 19.036 $\pm$ 0.006 χ^2 /NDF: 193472.0/34

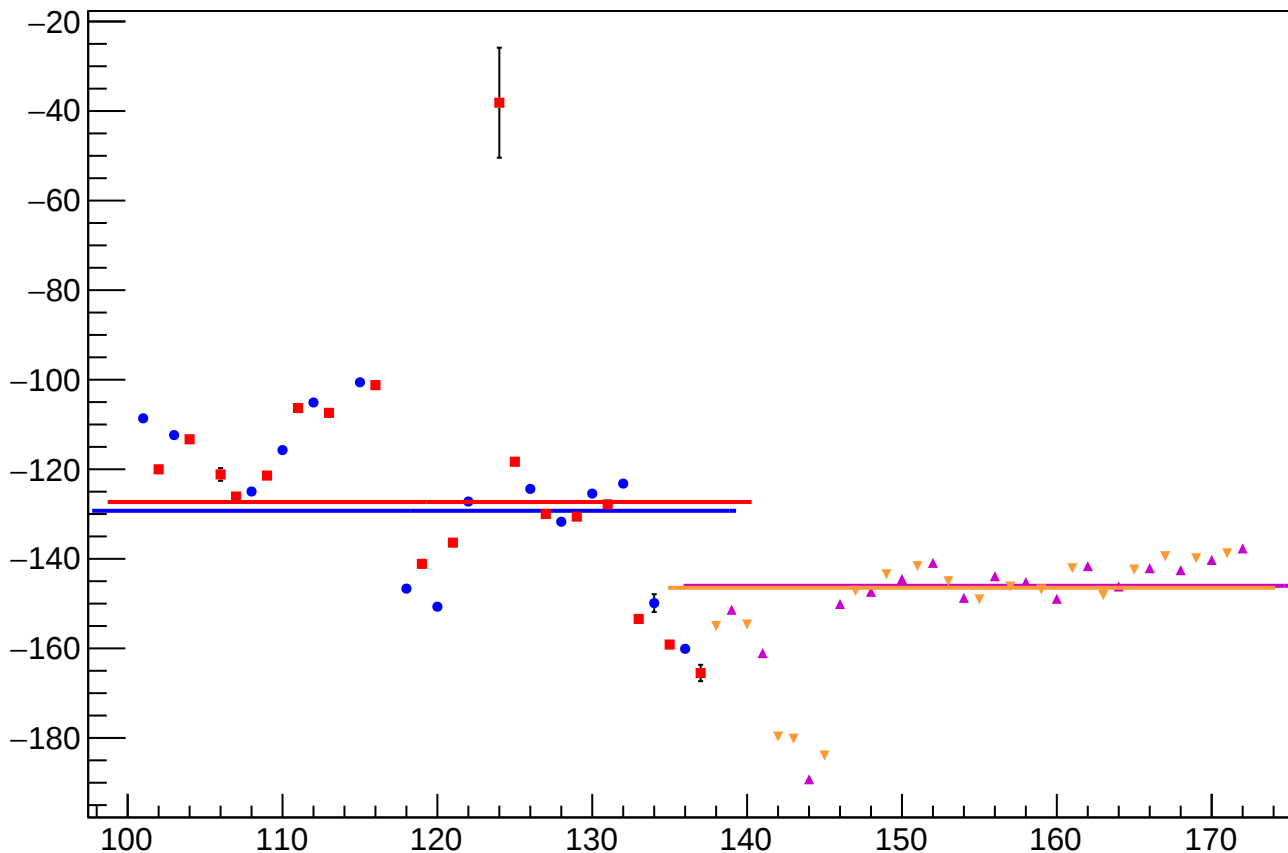
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.232 $\pm$ 0.008 χ^2 /NDF: 160829.4/31

Out: 18.953 $\pm$ 0.008 χ^2 /NDF: 142758.8/34

All: 19.623 $\pm$ 0.006 χ^2 /NDF: 317010.6/66

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -146.457 ± 0.052 χ^2/NDF : 36253.0/17

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -146.019 ± 0.051 χ^2/NDF : 26831.9/16

Left: -146.236 ± 0.036 χ^2/NDF : 63121.1/34

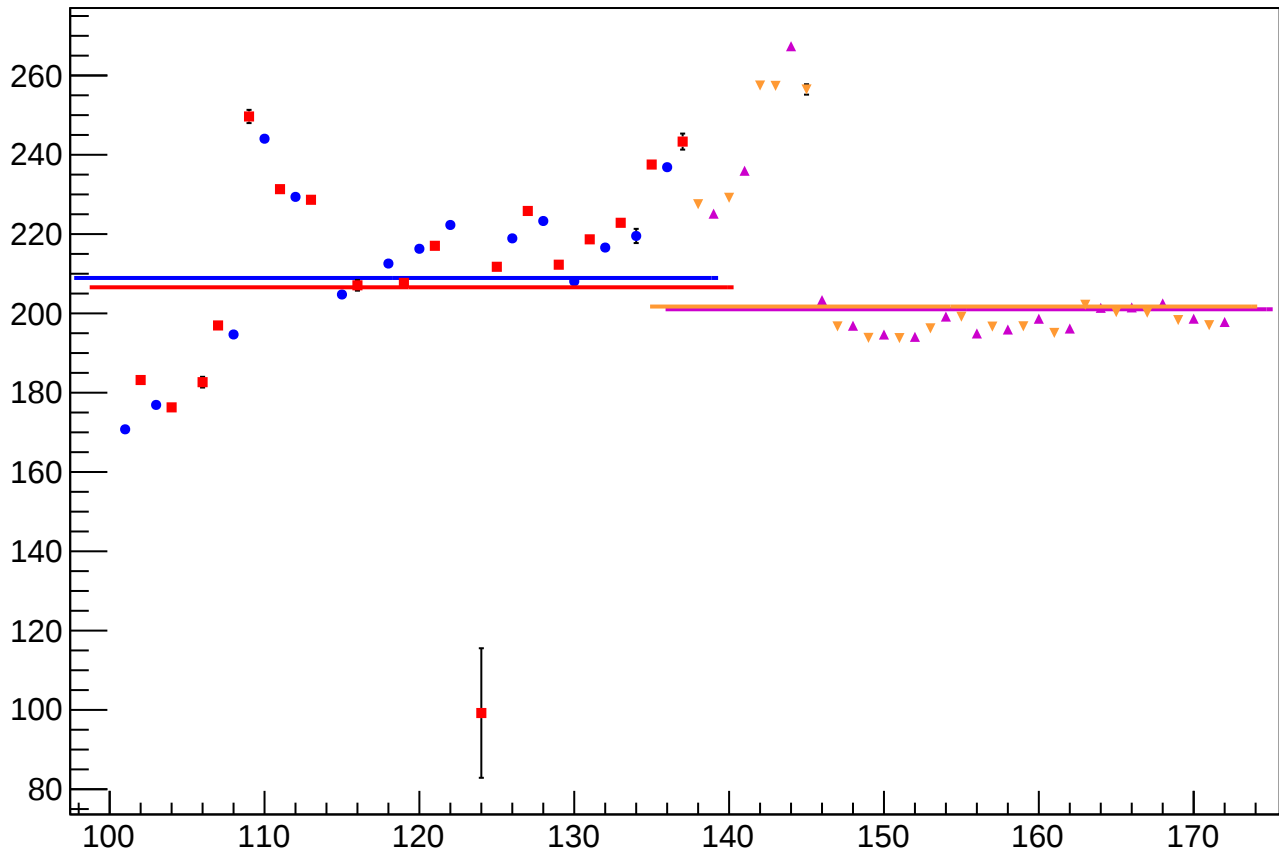
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.773 ± 0.044 χ^2/NDF : 89114.8/31

Out: -141.222 ± 0.044 χ^2/NDF : 103352.3/35

All: -141.497 ± 0.031 χ^2/NDF : 192544.9/67

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 201.728 $\pm$ 0.044 χ^2 /NDF:104870.7/17

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 201.036 $\pm$ 0.044 χ^2 /NDF:76771.5/16

Left: 201.384 $\pm$ 0.031 χ^2 /NDF: 181765.2/34

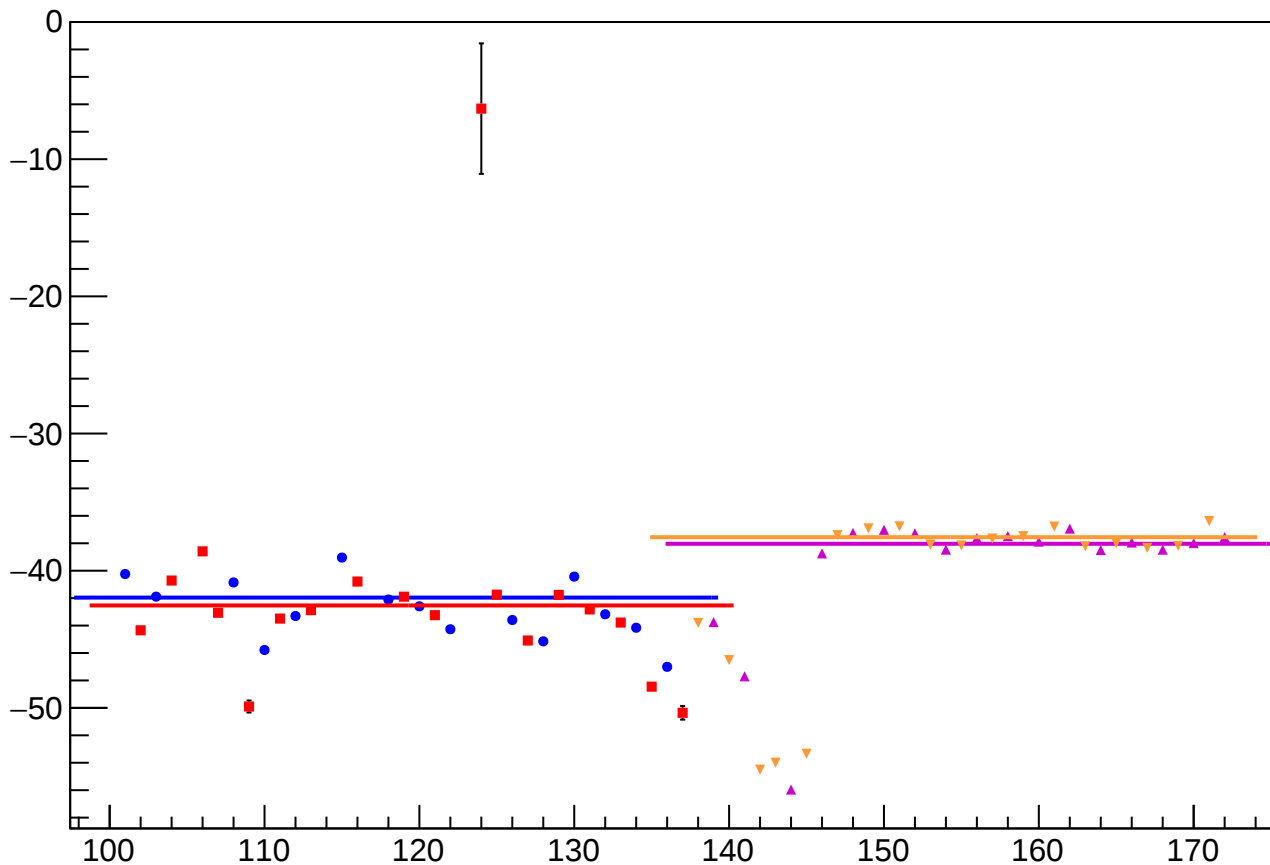
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.596 $\pm$ 0.040 χ^2 /NDF:127746.2/31

Out: 202.789 $\pm$ 0.039 χ^2 /NDF:155740.5/35

All: 202.694 $\pm$ 0.028 χ^2 /NDF: 283498.8/67

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.557 ± 0.004 $\chi^2/\text{NDF}: 225622.3/17$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.037 ± 0.005 $\chi^2/\text{NDF}: 133757.3/16$

Left: -37.774 ± 0.003 $\chi^2/\text{NDF}: 364910.2/34$

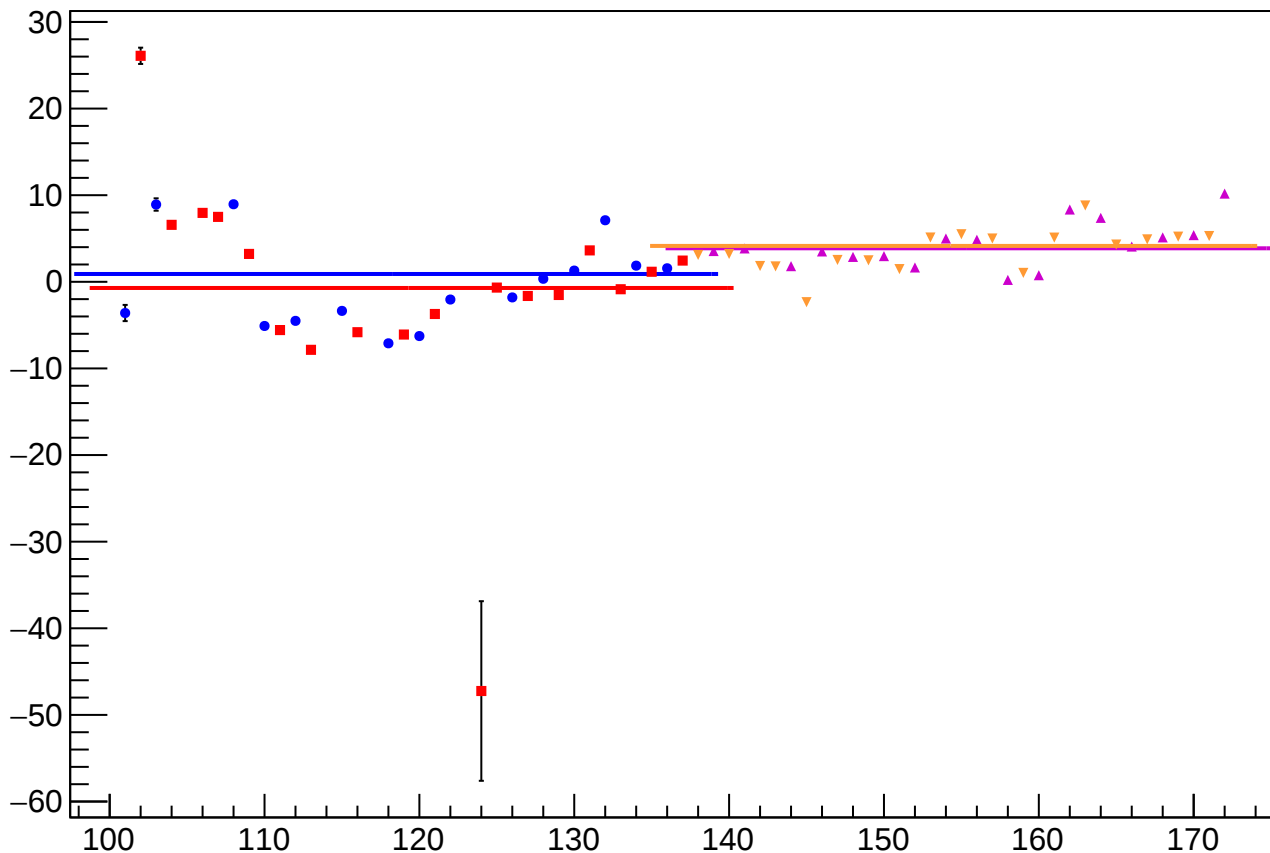
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.374 ± 0.005 $\chi^2/\text{NDF}: 215734.4/31$

Out: -37.767 ± 0.004 $\chi^2/\text{NDF}: 287327.1/35$

All: -38.047 ± 0.003 $\chi^2/\text{NDF}: 512533.9/67$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.143 ± 0.006 χ^2/NDF : 89222.1/17

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.869 ± 0.008 χ^2/NDF : 68242.4/16

Left: 4.032 ± 0.005 χ^2/NDF : 158198.2/34

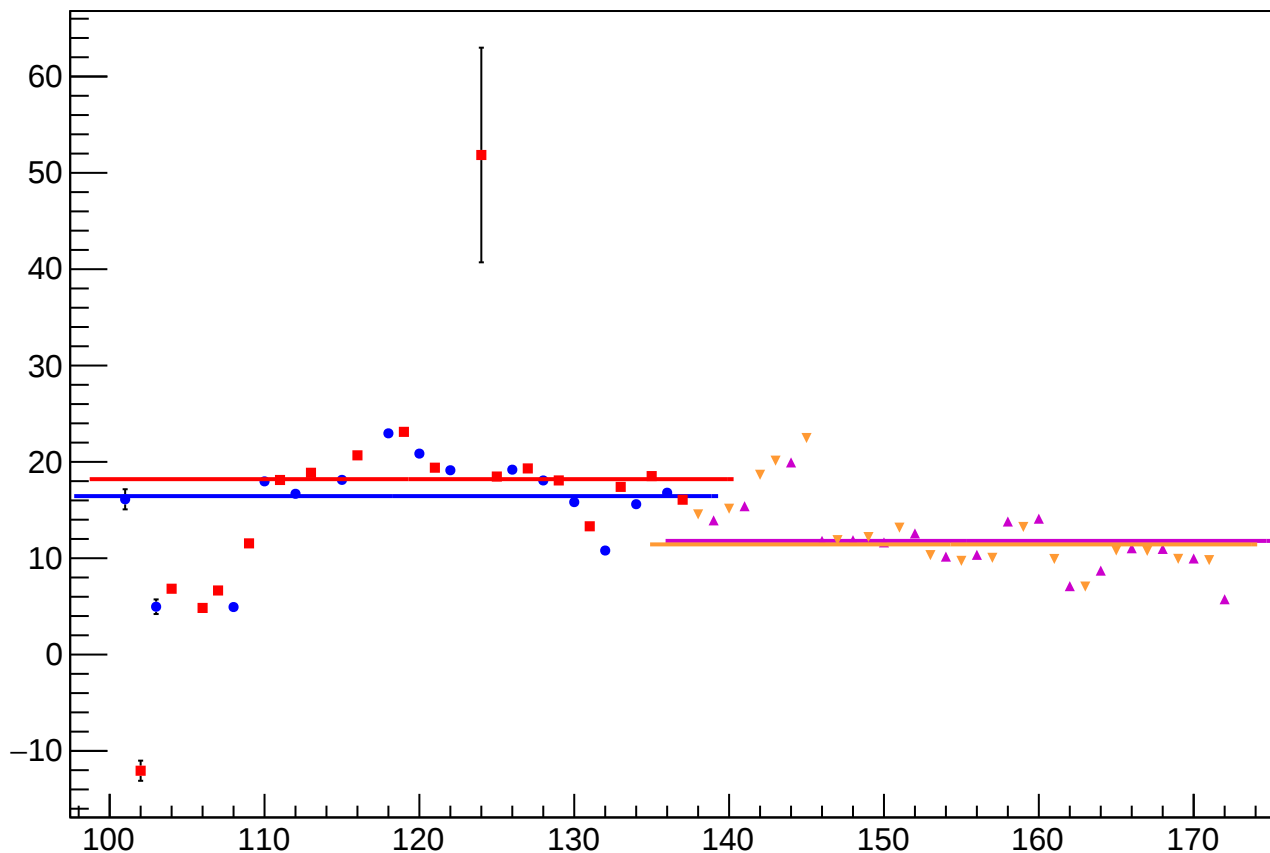
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.477 ± 0.007 χ^2/NDF : 108378.2/31

Out: 3.822 ± 0.006 χ^2/NDF : 157213.7/35

All: 3.676 ± 0.005 χ^2/NDF : 266888.9/67

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.436 $\pm$ 0.008 χ^2 /NDF: 96883.4/17

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.798 $\pm$ 0.010 χ^2 /NDF: 49948.6/16

Left: 11.591 $\pm$ 0.006 χ^2 /NDF: 147625.2/34

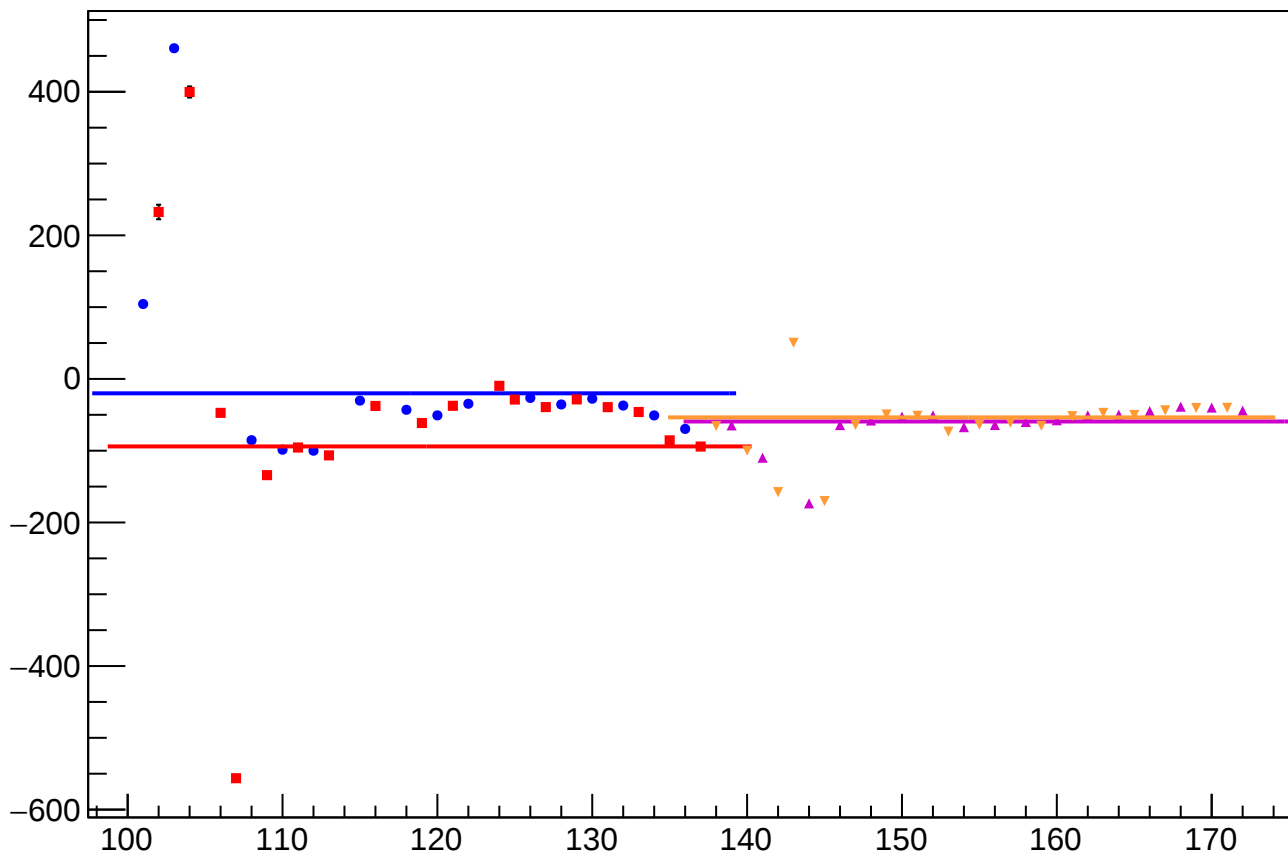
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.435 $\pm$ 0.009 χ^2 /NDF: 95442.3/31

Out: 12.422 $\pm$ 0.008 χ^2 /NDF: 218214.8/35

All: 12.427 $\pm$ 0.006 χ^2 /NDF: 313658.4/67

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -53.602 ± 0.100 χ^2/NDF : 52670.1/17

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -59.316 ± 0.116 χ^2/NDF : 49240.1/16

Left: -56.023 ± 0.076 χ^2/NDF : 103306.4/34

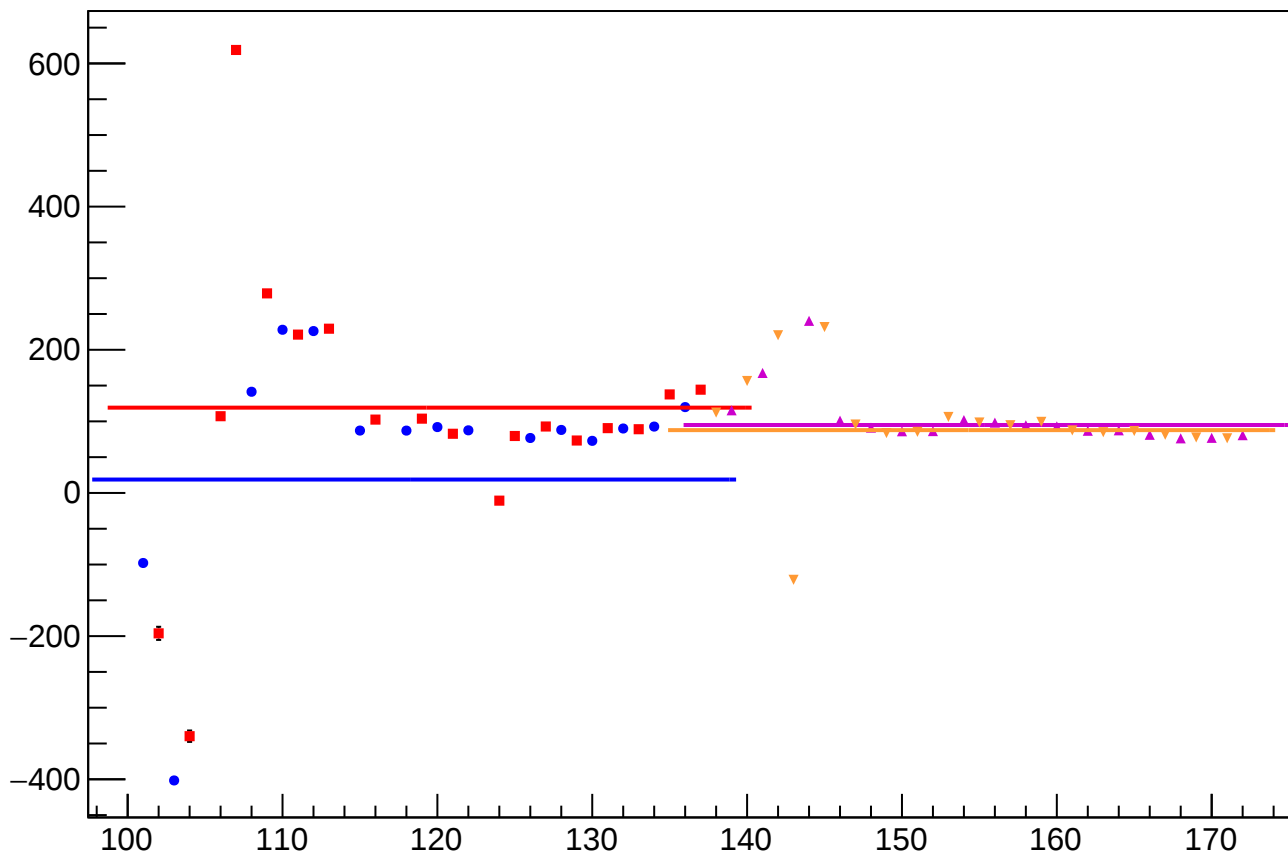
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -44.994 ± 0.093 χ^2/NDF : 532437.4/31

Out: -93.429 ± 0.012 χ^2/NDF : 302740.3/35

All: -92.582 ± 0.012 χ^2/NDF : 1104552.0/67

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 87.755+/-0.088 χ^2/NDF :171483.8/17

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 94.932+/-0.101 χ^2/NDF :71449.2/16

Left: 90.862+/-0.066 χ^2/NDF : 245820.8/34

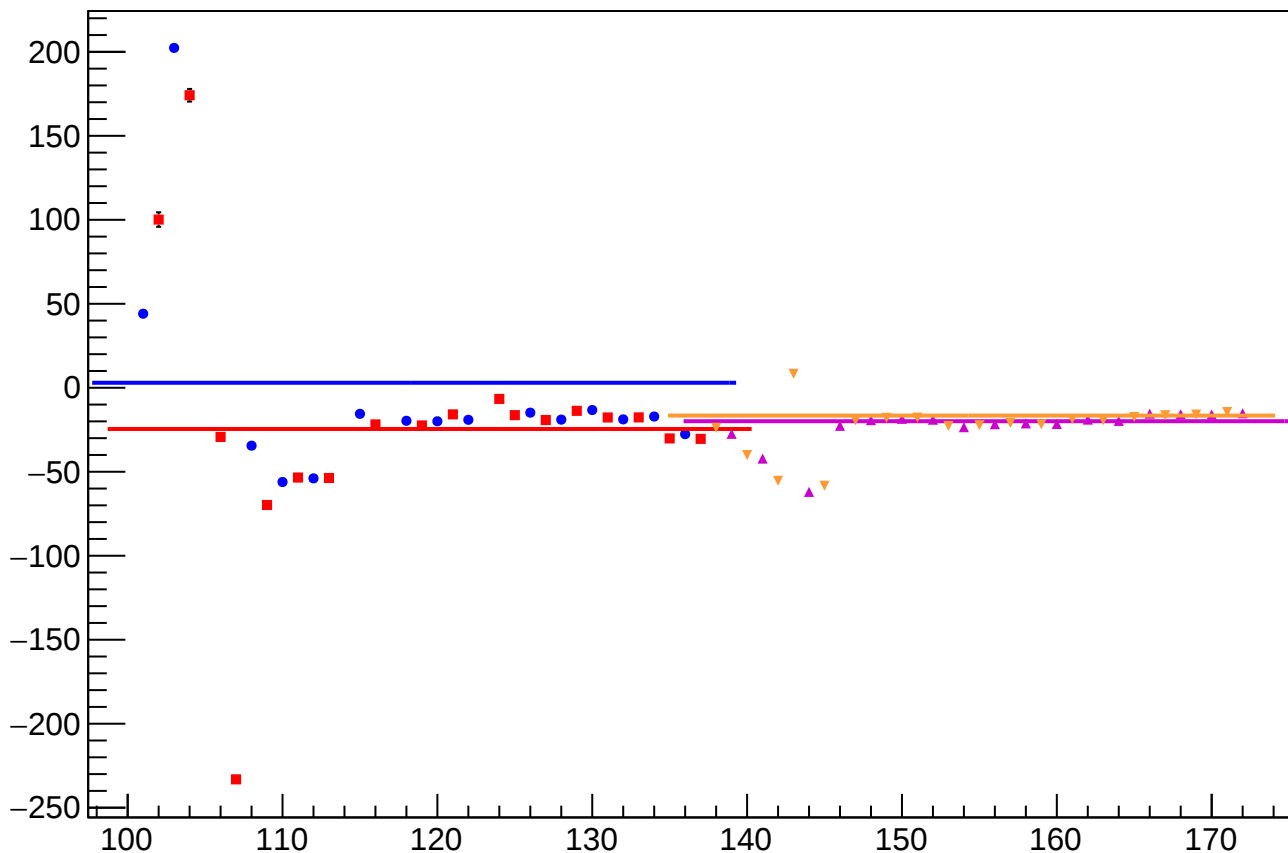
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 71.745+/-0.084 χ^2/NDF :1347927.2/31

Out: 92.870+/-0.080 χ^2/NDF :279740.5/35

All: 82.755+/-0.058 χ^2/NDF : 1660717.3/67

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.548 ± 0.013 $\chi^2/\text{NDF}: 573374.8/17$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -19.904 ± 0.014 $\chi^2/\text{NDF}: 158607.3/16$

Left: -18.026 ± 0.010 $\chi^2/\text{NDF}: 762302.2/34$

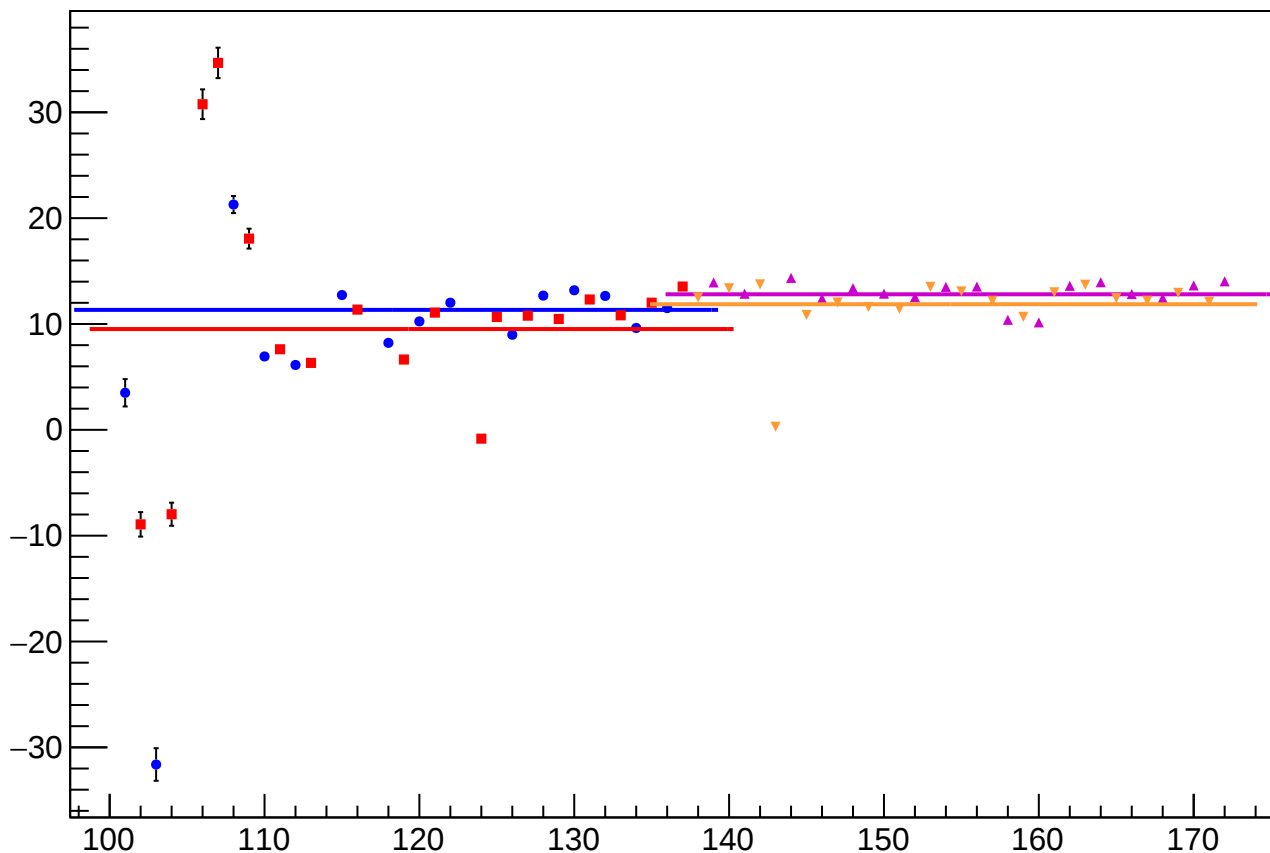
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.792 ± 0.013 $\chi^2/\text{NDF}: 4218582.2/31$

Out: -17.180 ± 0.012 $\chi^2/\text{NDF}: 780708.8/35$

All: -16.027 ± 0.009 $\chi^2/\text{NDF}: 5017571.4/67$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 χ^2/NDF : 2406.0/14

Left Out: 11.866 ± 0.016 χ^2/NDF : 30682.8/17

Right Out: 9.524 ± 0.048 χ^2/NDF : 4066.9/17

Left In: 12.806 ± 0.014 χ^2/NDF : 5560.5/16

Left: 12.396 ± 0.010 χ^2/NDF : 38254.5/34

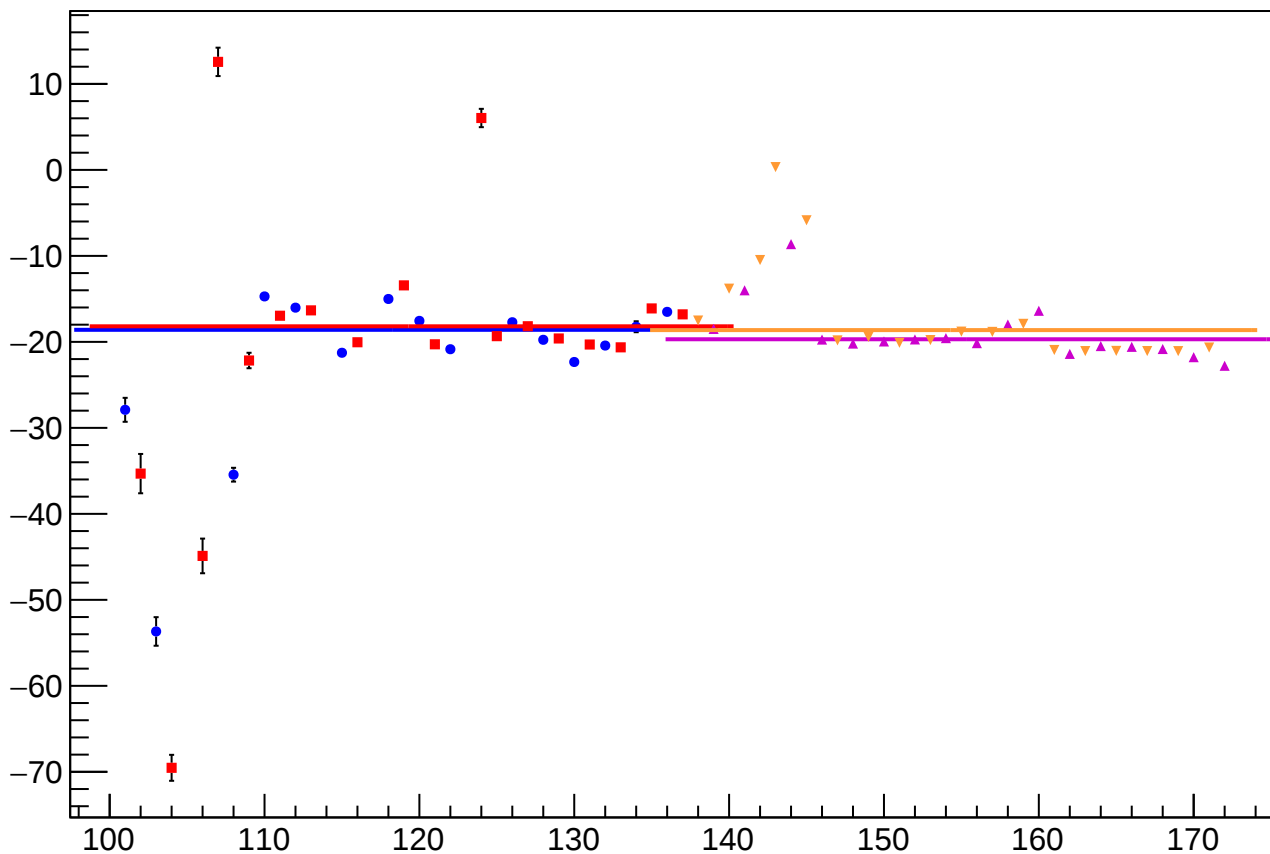
Right: 10.651 ± 0.029 χ^2/NDF : 7358.3/32

In: 12.629 ± 0.013 χ^2/NDF : 9331.3/31

Out: 11.639 ± 0.015 χ^2/NDF : 36898.3/35

All: 12.203 ± 0.010 χ^2/NDF : 48726.9/67

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -18.630 ± 0.018 $\chi^2/\text{NDF}: 53206.7/17$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.696 ± 0.017 $\chi^2/\text{NDF}: 12684.3/16$

Left: -19.192 ± 0.013 $\chi^2/\text{NDF}: 67703.4/34$

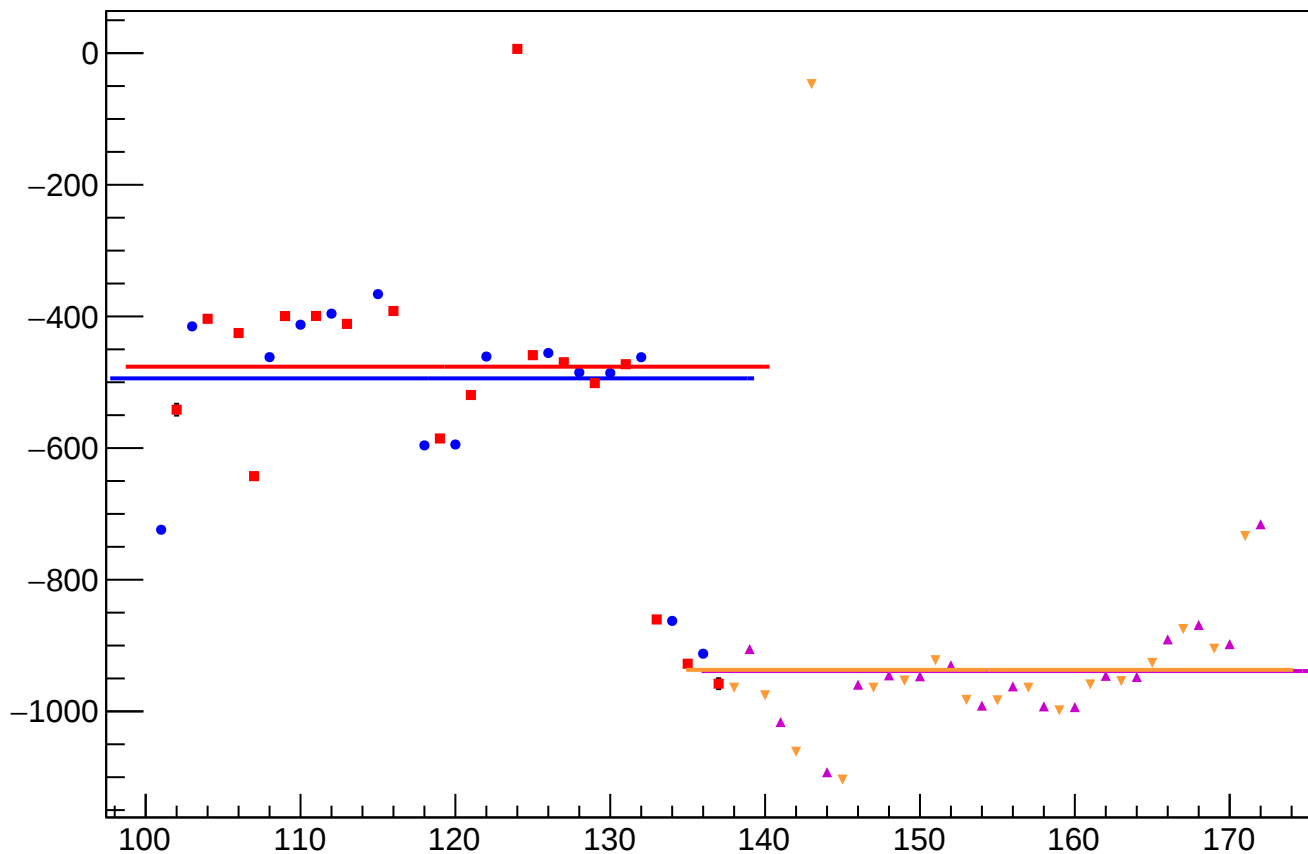
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.502 ± 0.016 $\chi^2/\text{NDF}: 19593.8/31$

Out: -18.577 ± 0.017 $\chi^2/\text{NDF}: 58157.8/35$

All: -19.080 ± 0.012 $\chi^2/\text{NDF}: 79347.6/67$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -936.900 $\pm$ 0.178 χ^2 /NDF: 360397.1/17

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -938.761 $\pm$ 0.171 χ^2 /NDF: 205035.1/16

Left: -937.867 $\pm$ 0.124 χ^2 /NDF: 565488.8/34

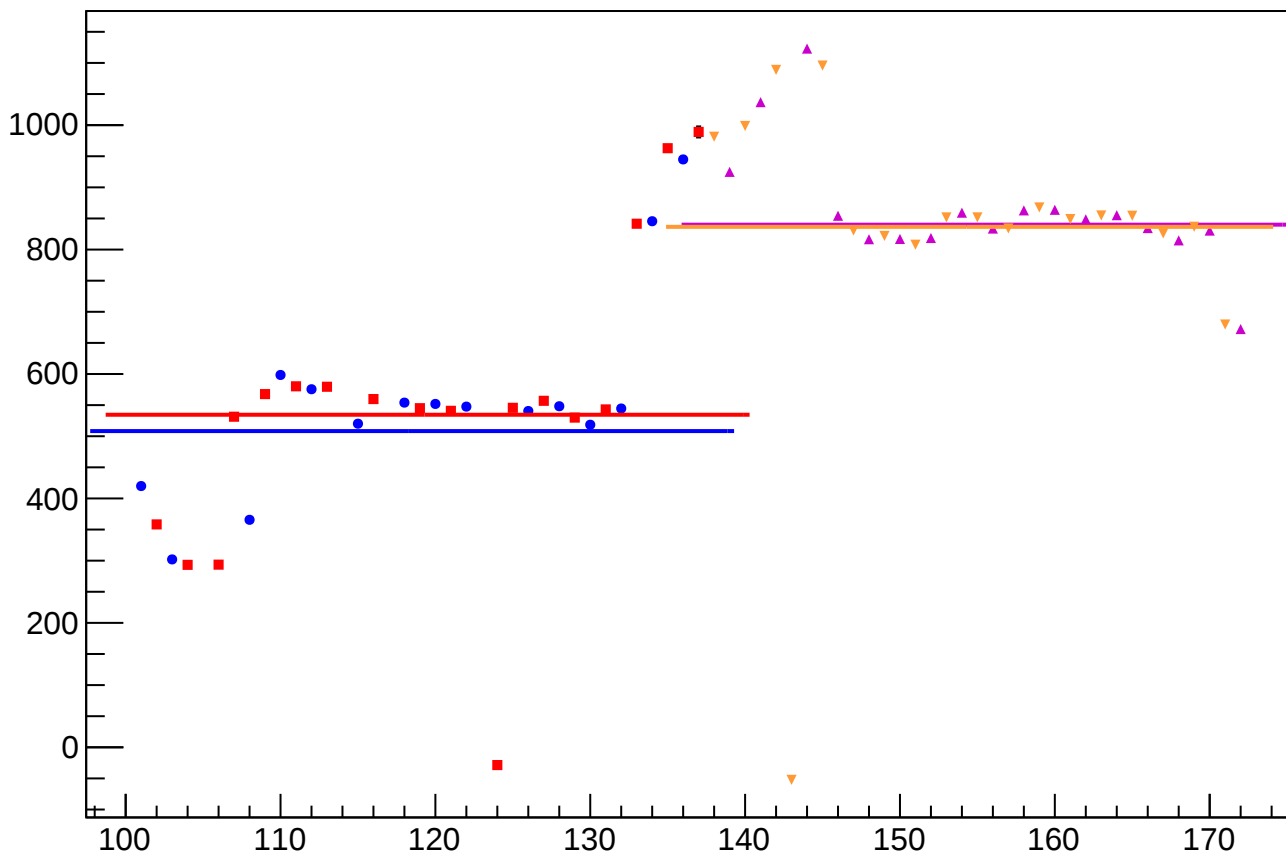
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -781.914 $\pm$ 0.138 χ^2 /NDF: 2907020.0/31

Out: -715.378 $\pm$ 0.128 χ^2 /NDF: 4166591.8/35

All: -746.287 $\pm$ 0.094 χ^2 /NDF: 7198367.1/67

dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 838.365 ± 0.101 $\chi^2/\text{NDF}: 631488.1/34$

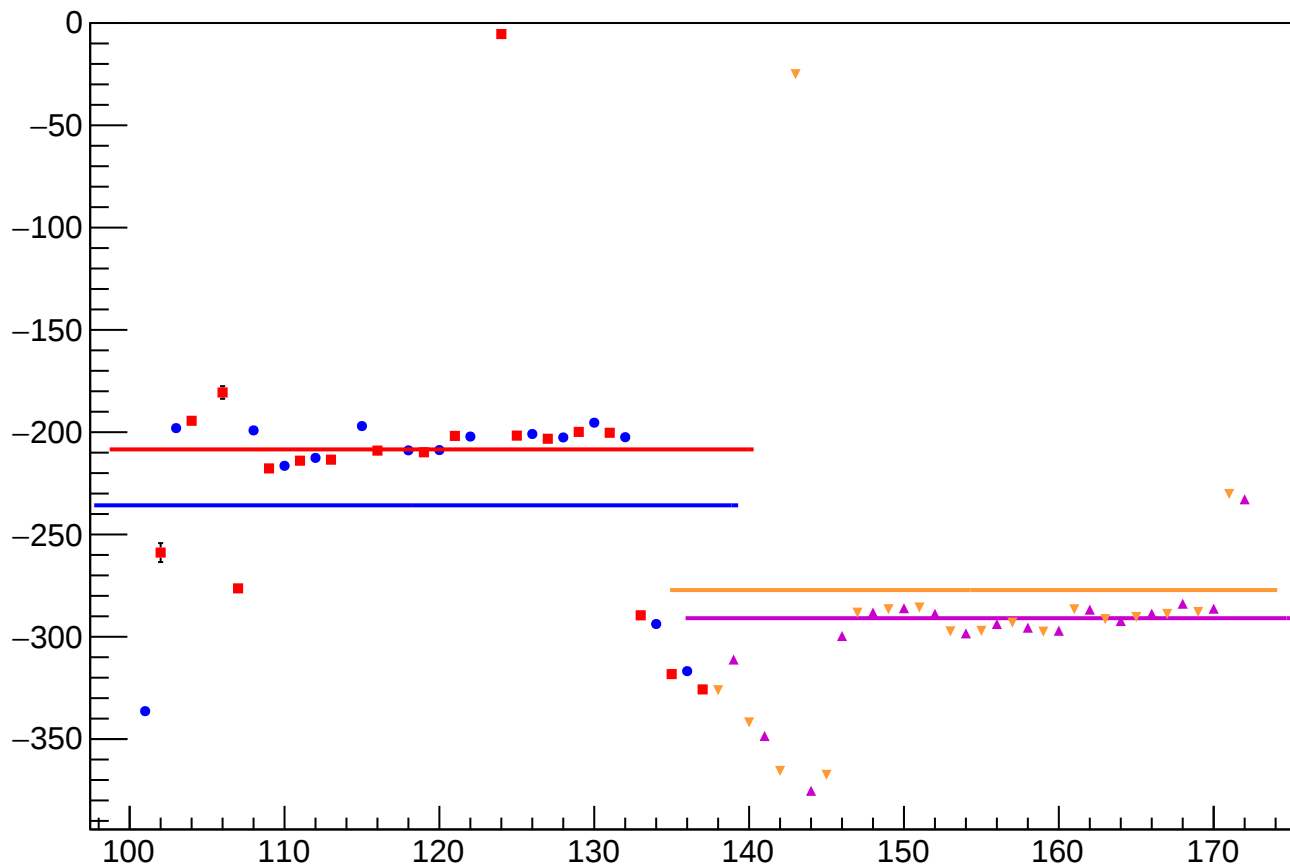
Right: 521.671 ± 0.155 $\chi^2/\text{NDF}: 814918.8/32$

In: 744.958 ± 0.119 $\chi^2/\text{NDF}: 2242964.5/31$

Out: 742.787 ± 0.121 $\chi^2/\text{NDF}: 2127670.0/35$

All: 743.893 ± 0.085 $\chi^2/\text{NDF}: 4370798.6/67$

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -277.166+/-0.025 χ^2/NDF : 6378316.9/17

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -290.917+/-0.025 χ^2/NDF : 667319.1/16

Left: -284.174+/-0.018 χ^2/NDF : 7199134.1/34

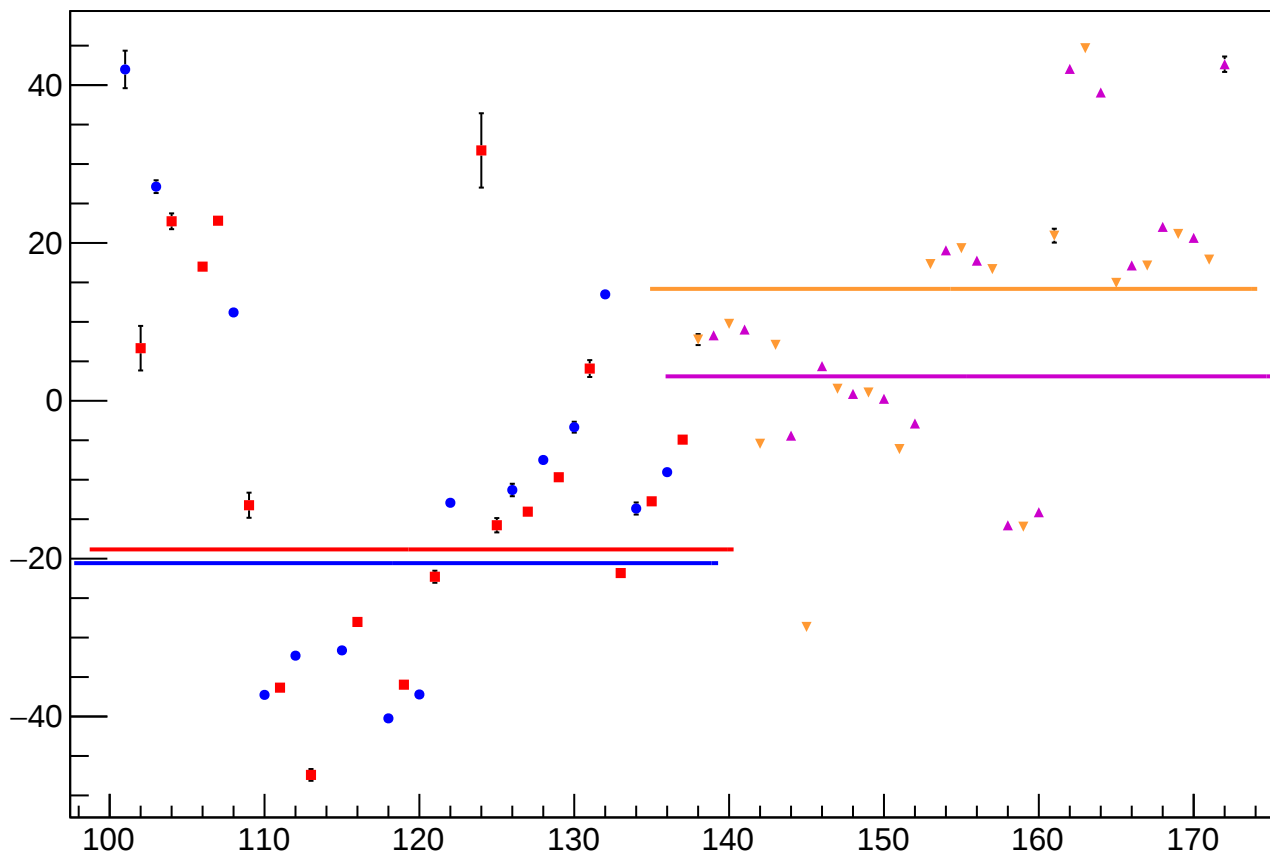
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -281.796+/-0.022 χ^2/NDF : 2376544.8/31

Out: -261.821+/-0.022 χ^2/NDF : 8433813.0/35

All: -271.642+/-0.016 χ^2/NDF : 11212592.0/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Left: 8.128 ± 0.016 χ^2/NDF : 1254844.7/34

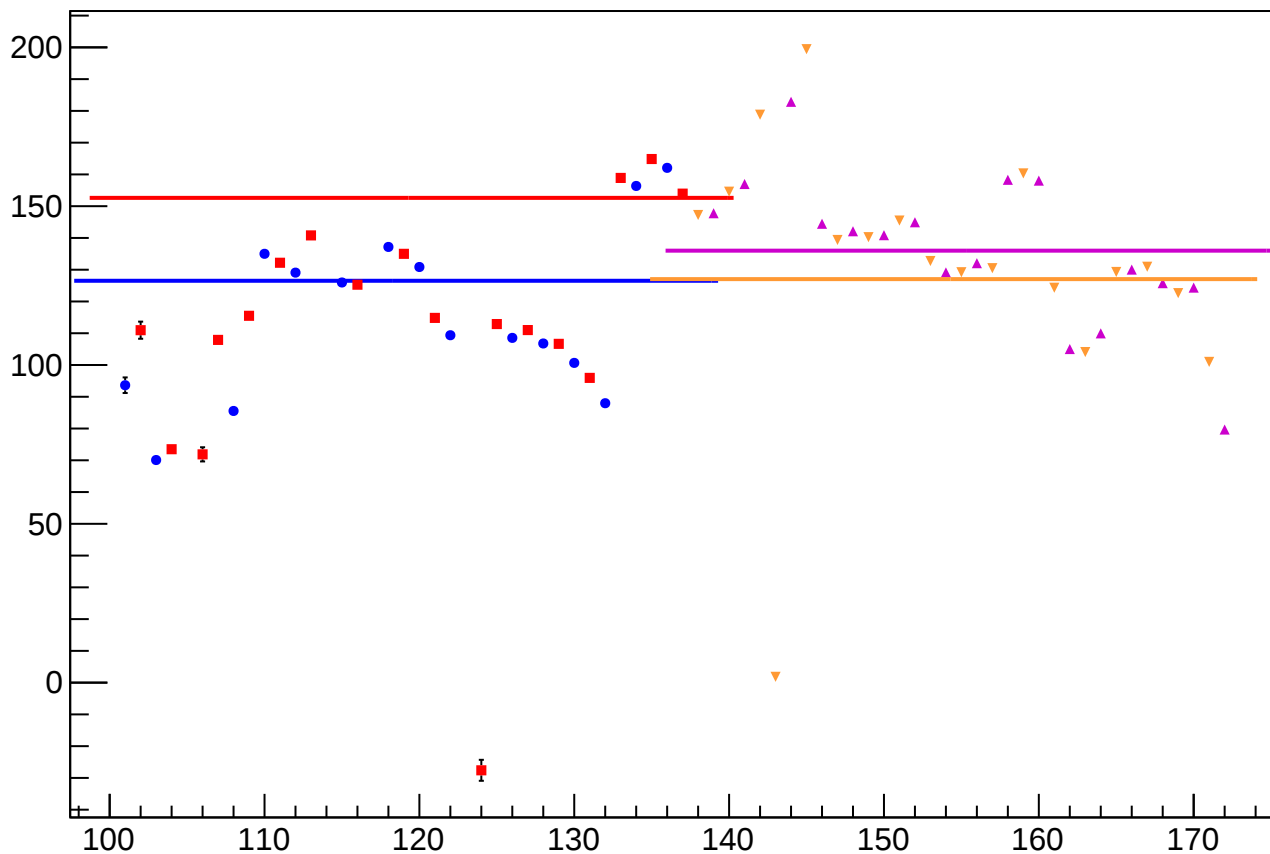
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.172 ± 0.020 χ^2/NDF : 840492.3/31

Out: 12.715 ± 0.023 χ^2/NDF : 565342.1/35

All: 6.297 ± 0.015 χ^2/NDF : 1548669.1/67

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.038 $\pm$ 0.030 χ^2 /NDF: 614871.5/17

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 135.998 $\pm$ 0.028 χ^2 /NDF: 377251.7/16

Left: 131.836 $\pm$ 0.020 χ^2 /NDF: 1039995.0/34

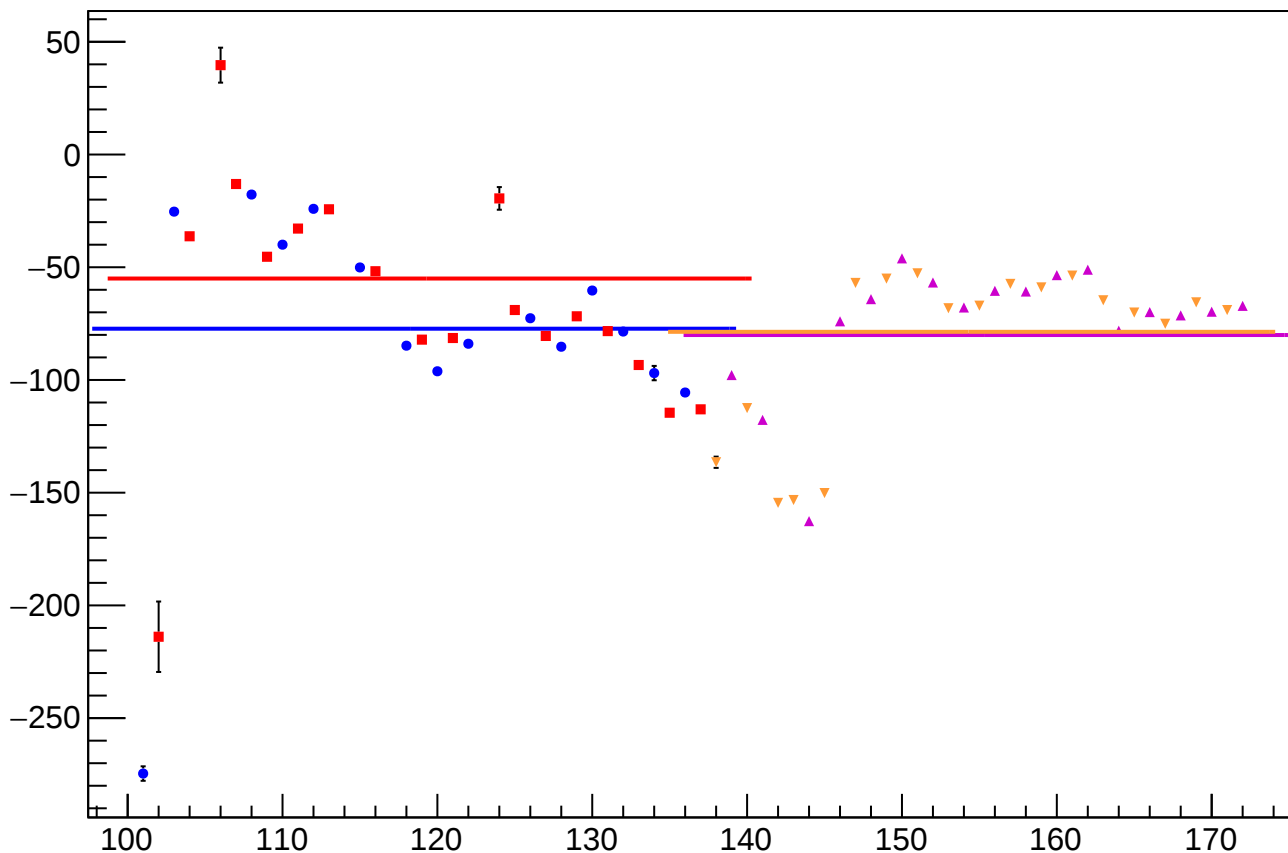
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.055 $\pm$ 0.026 χ^2 /NDF: 503690.6/31

Out: 139.666 $\pm$ 0.021 χ^2 /NDF: 1048621.1/35

All: 137.852 $\pm$ 0.017 χ^2 /NDF: 1570702.0/67

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -78.643 ± 0.130 χ^2/NDF : 58744.3/17

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -80.068 ± 0.131 χ^2/NDF : 59617.0/16

Left: -79.355 ± 0.092 χ^2/NDF : 118420.8/34

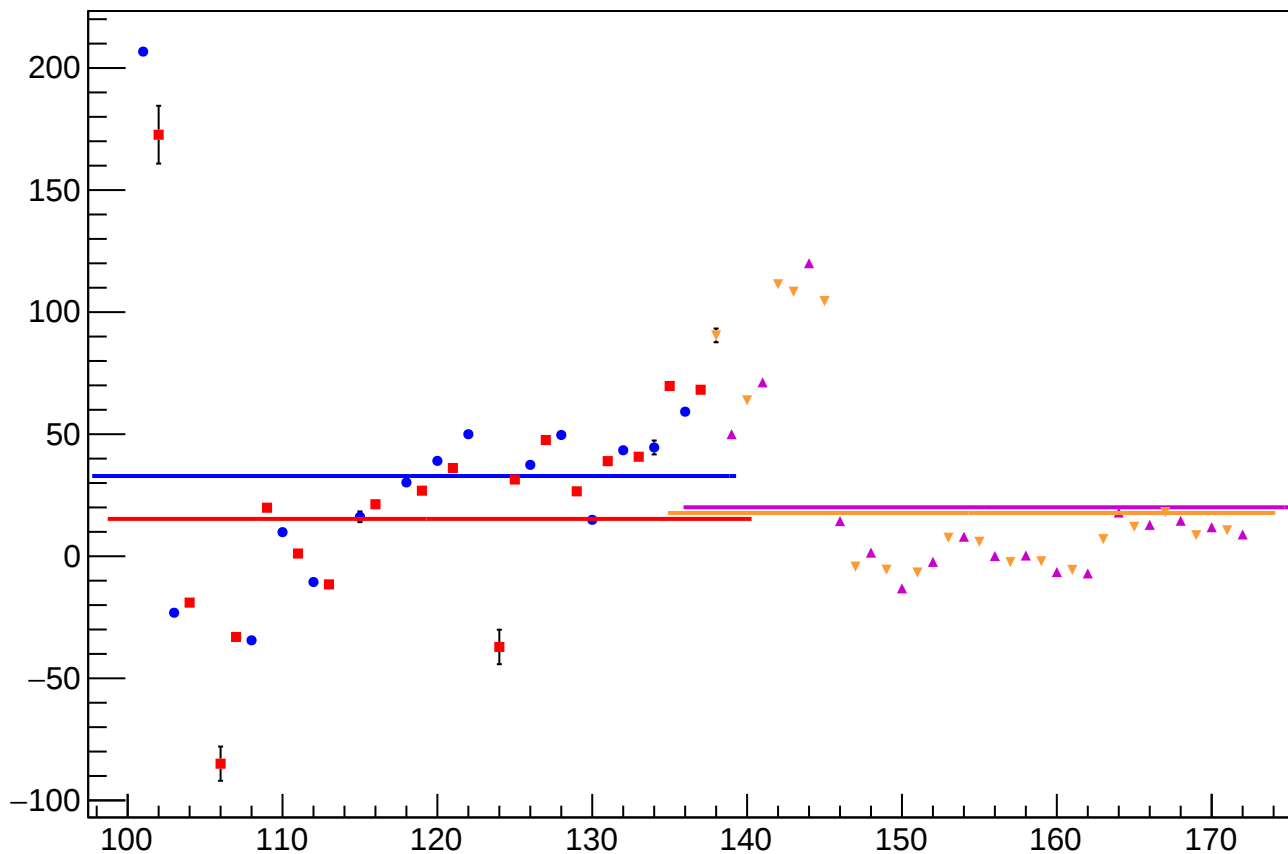
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -78.824 ± 0.097 χ^2/NDF : 90177.8/31

Out: -71.084 ± 0.108 χ^2/NDF : 92872.9/35

All: -75.335 ± 0.072 χ^2/NDF : 185892.8/67

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 17.731 ± 0.114 $\chi^2/\text{NDF}: 90101.8/17$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 20.062 ± 0.114 $\chi^2/\text{NDF}: 88372.2/16$

Left: 18.891 ± 0.081 $\chi^2/\text{NDF}: 178682.9/34$

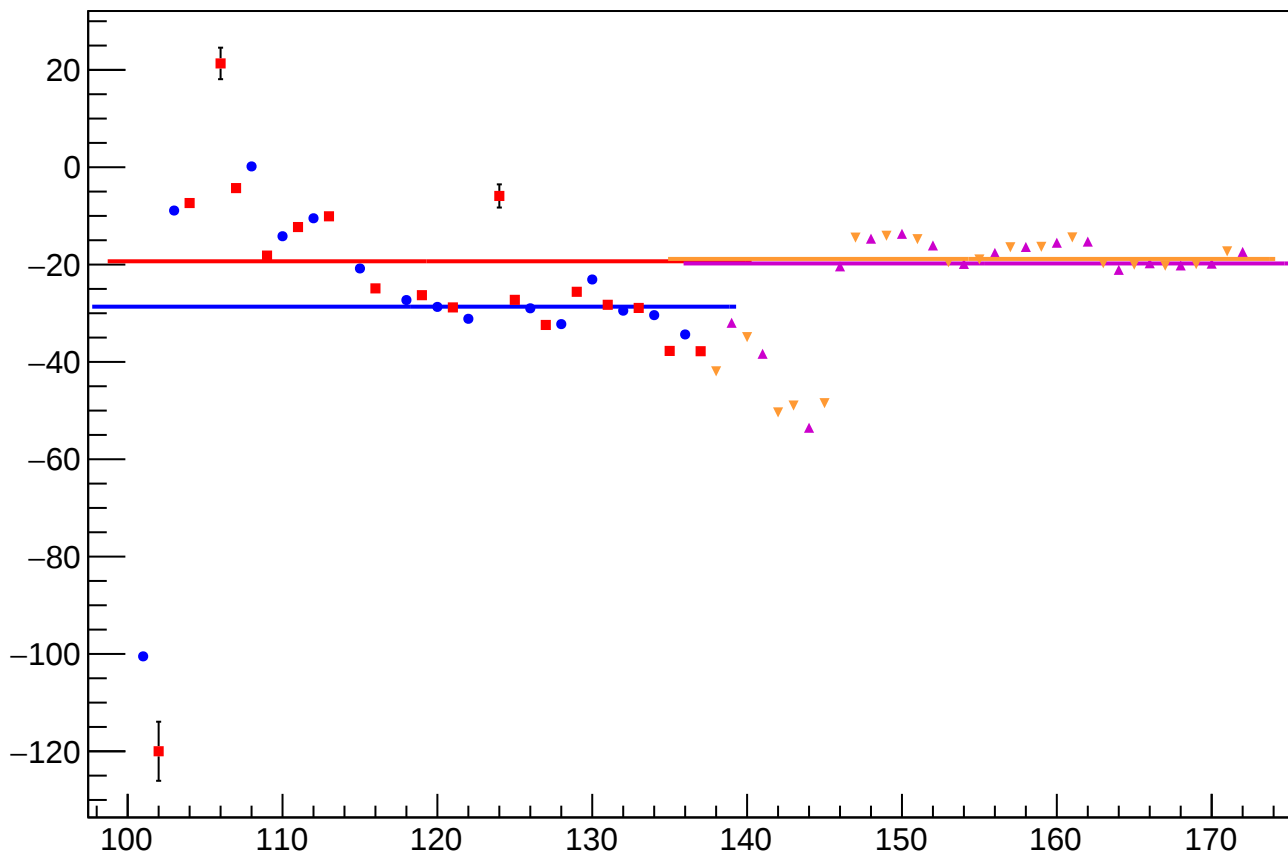
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 24.929 ± 0.090 $\chi^2/\text{NDF}: 124534.9/31$

Out: 17.180 ± 0.100 $\chi^2/\text{NDF}: 106950.9/35$

All: 21.461 ± 0.067 $\chi^2/\text{NDF}: 234802.3/67$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.837 ± 0.015 $\chi^2/\text{NDF}: 224942.2/17$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.770 ± 0.016 $\chi^2/\text{NDF}: 194974.6/16$

Left: -19.279 ± 0.011 $\chi^2/\text{NDF}: 421727.7/34$

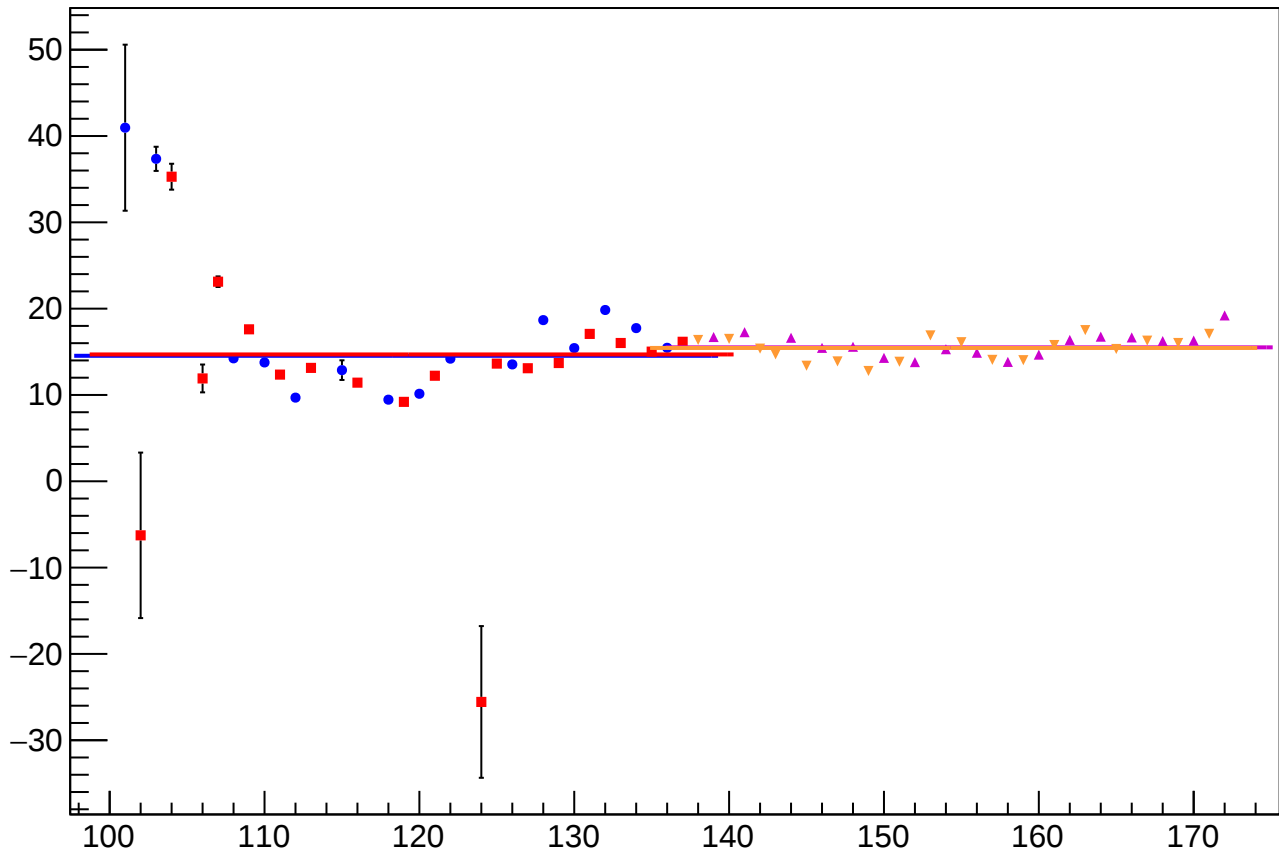
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.344 ± 0.014 $\chi^2/\text{NDF}: 363641.1/31$

Out: -18.899 ± 0.014 $\chi^2/\text{NDF}: 281655.3/35$

All: -20.093 ± 0.010 $\chi^2/\text{NDF}: 659990.1/67$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.448 $\pm$ 0.015 χ^2 /NDF: 7209.8/17

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.516 $\pm$ 0.015 χ^2 /NDF: 6388.8/16

Left: 15.481 $\pm$ 0.011 χ^2 /NDF: 13608.5/34

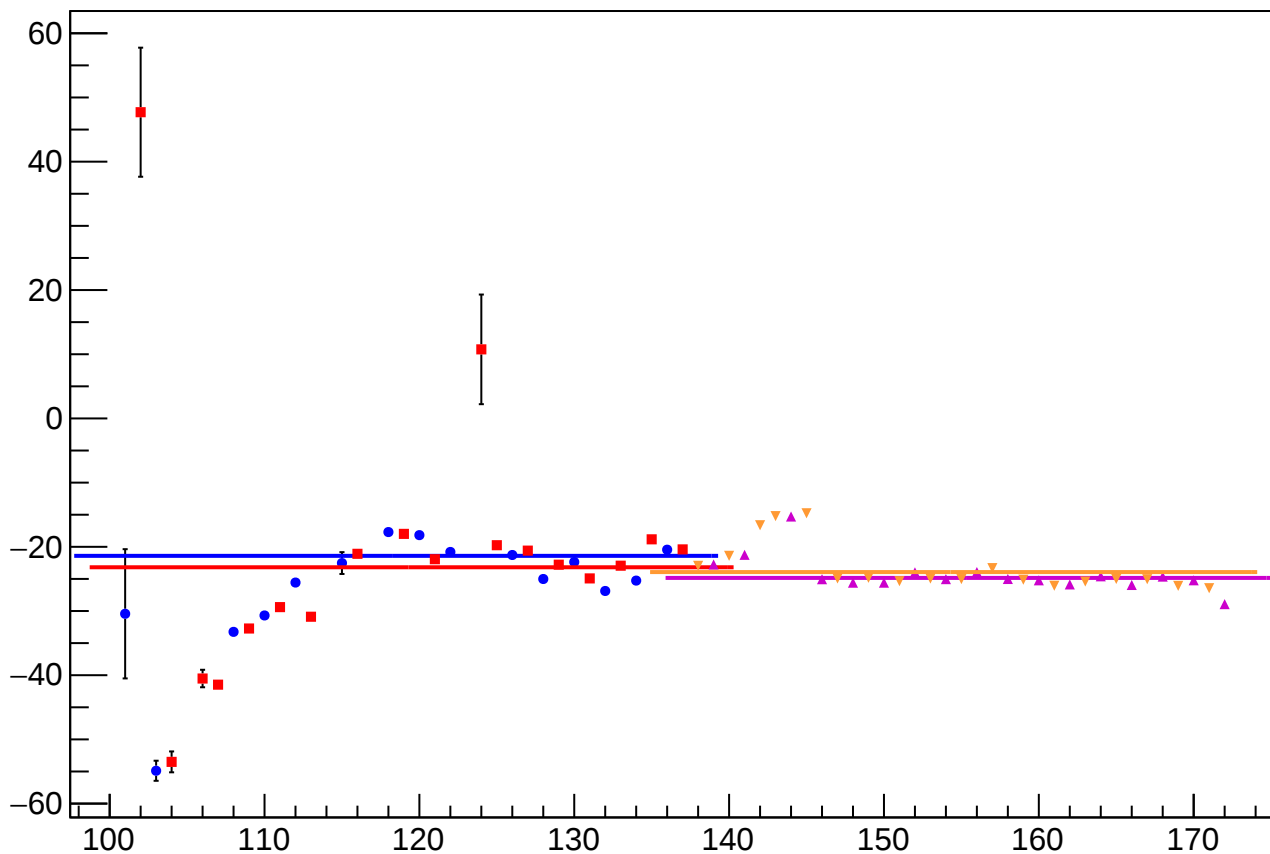
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.312 $\pm$ 0.014 χ^2 /NDF: 19310.0/31

Out: 15.366 $\pm$ 0.014 χ^2 /NDF: 9109.7/35

All: 15.338 $\pm$ 0.010 χ^2 /NDF: 28427.4/67

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.934 ± 0.018 $\chi^2/\text{NDF}: 35844.0/17$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.844 ± 0.018 $\chi^2/\text{NDF}: 11753.3/16$

Left: -24.388 ± 0.013 $\chi^2/\text{NDF}: 48879.3/34$

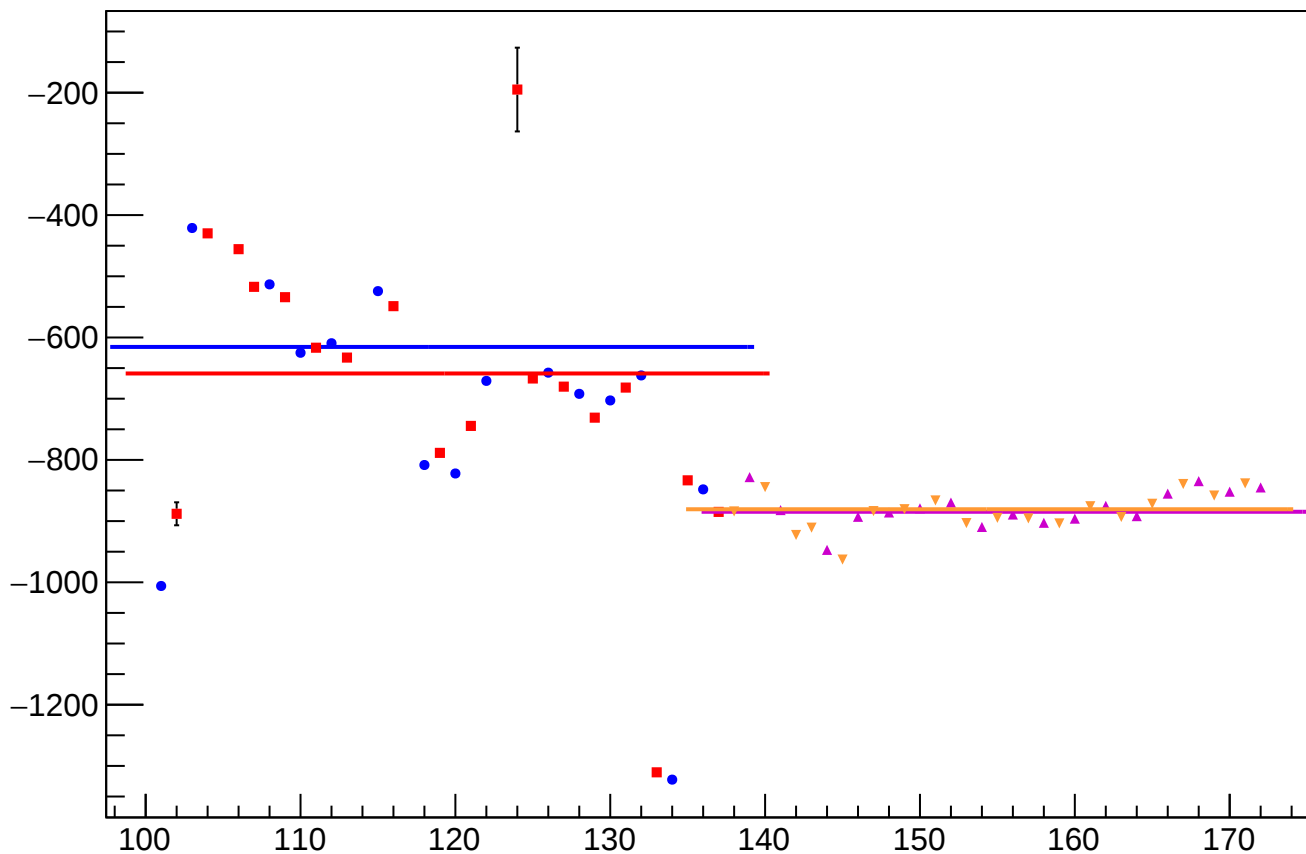
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.143 ± 0.016 $\chi^2/\text{NDF}: 28876.6/31$

Out: -23.852 ± 0.017 $\chi^2/\text{NDF}: 45161.5/35$

All: -24.005 ± 0.012 $\chi^2/\text{NDF}: 74193.9/67$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -880.640 ± 0.146 $\chi^2/\text{NDF}: 30508.5/17$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -884.751 ± 0.141 $\chi^2/\text{NDF}: 25566.3/16$

Left: -882.779 ± 0.101 $\chi^2/\text{NDF}: 56484.8/34$

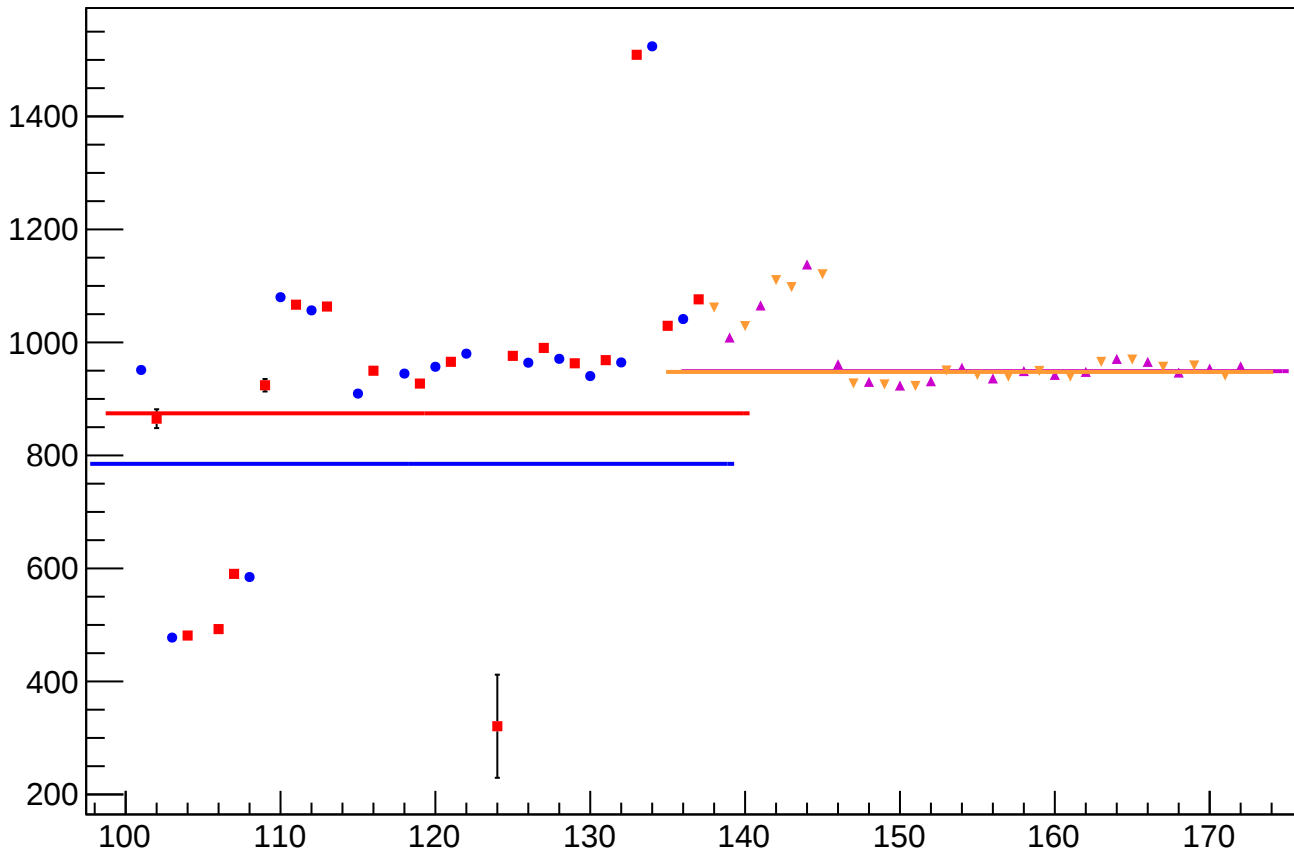
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -814.872 ± 0.121 $\chi^2/\text{NDF}: 1359929.2/31$

Out: -826.039 ± 0.127 $\chi^2/\text{NDF}: 980643.9/35$

All: -820.180 ± 0.088 $\chi^2/\text{NDF}: 2344619.6/67$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 947.794 $\pm$ 0.121 χ^2/NDF : 71658.9/17

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 949.138 $\pm$ 0.115 χ^2/NDF : 75560.5/16

Left: 948.498 $\pm$ 0.083 χ^2/NDF : 147284.3/34

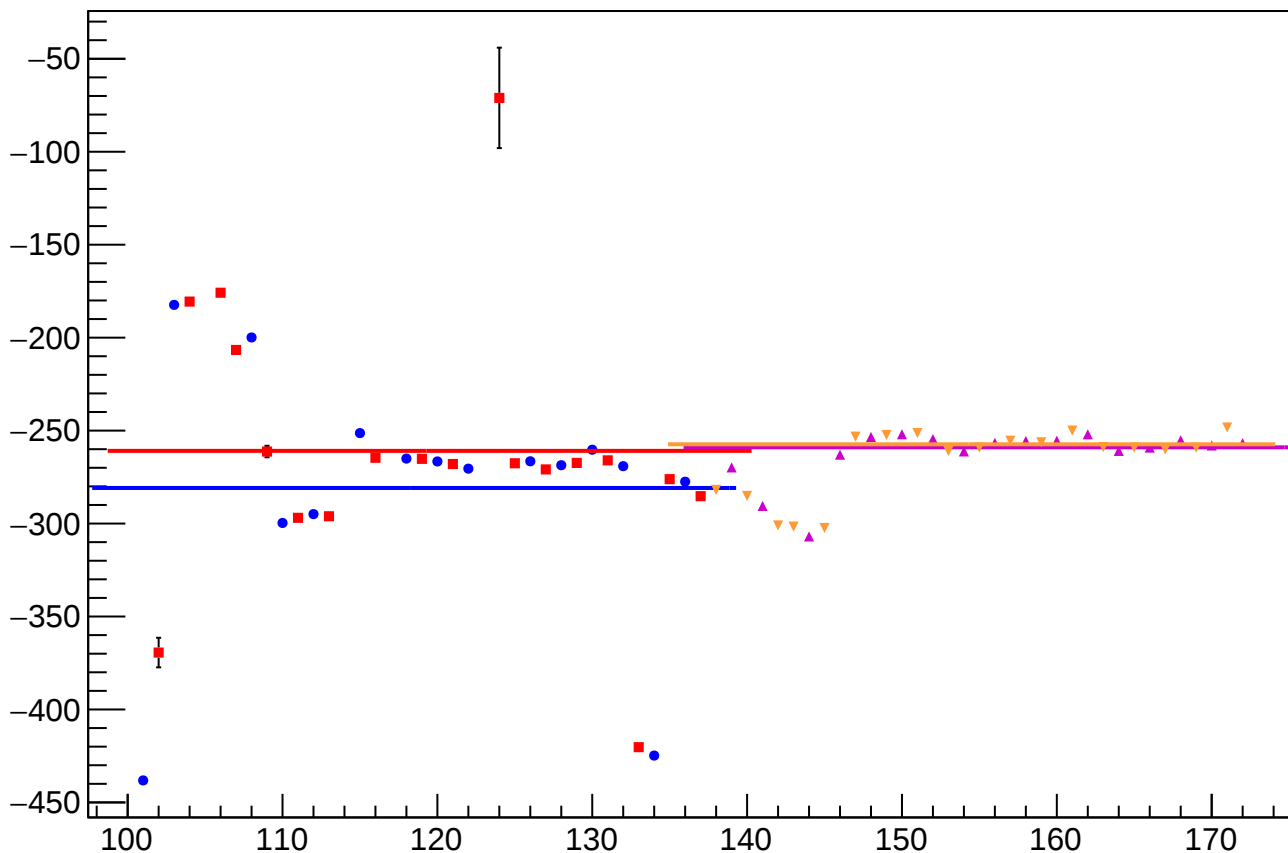
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 915.854 $\pm$ 0.103 χ^2/NDF : 1374193.2/31

Out: 934.905 $\pm$ 0.110 χ^2/NDF : 979055.9/35

All: 924.765 $\pm$ 0.075 χ^2/NDF : 2369340.1/67

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -257.365+/-0.021 χ^2/NDF : 174862.0/17

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -258.997+/-0.021 χ^2/NDF : 188696.5/16

Left: -258.198+/-0.015 χ^2/NDF : 366653.3/34

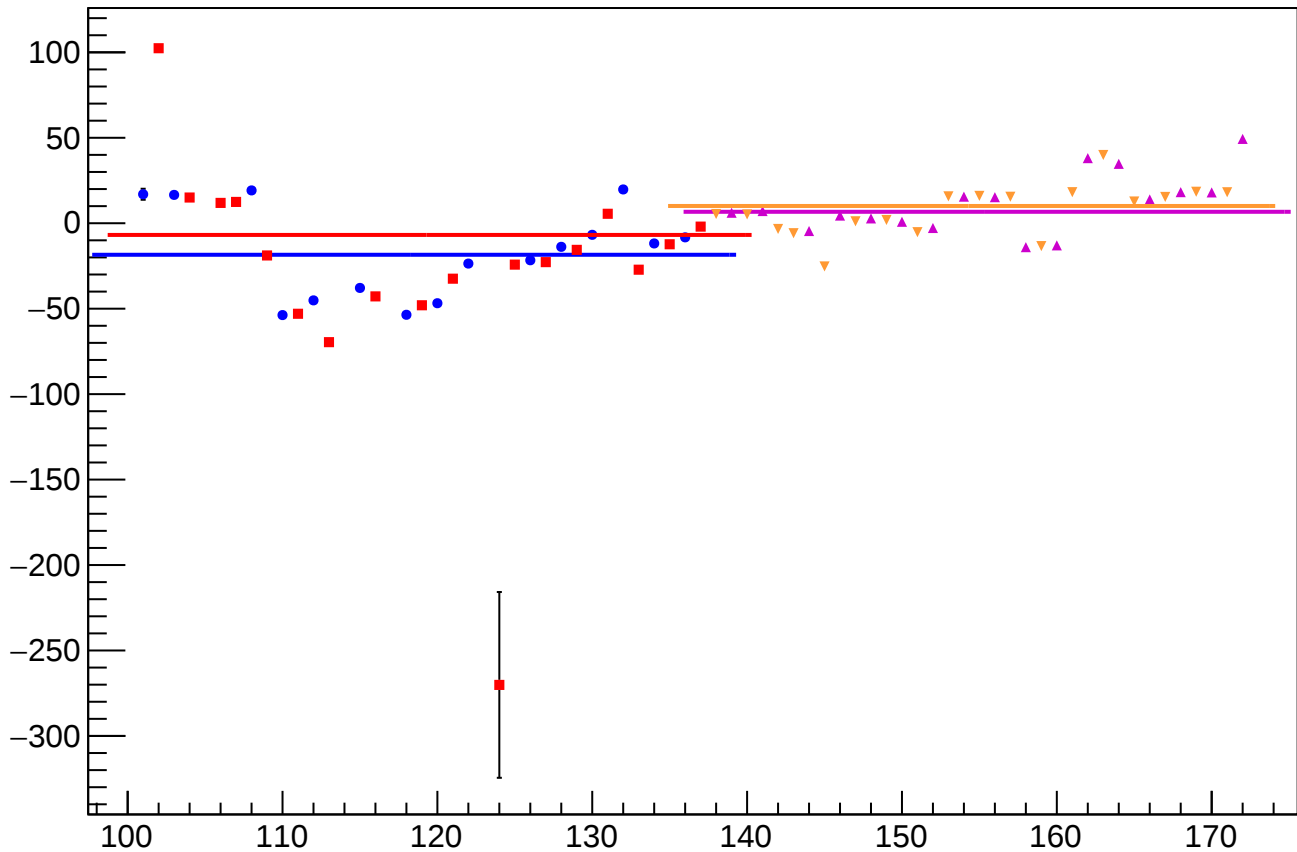
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -261.391+/-0.019 χ^2/NDF : 1186494.3/31

Out: -257.675+/-0.020 χ^2/NDF : 525072.0/35

All: -259.594+/-0.014 χ^2/NDF : 1729362.8/67

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.101 ± 0.021 $\chi^2/\text{NDF}: 402857.6/17$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.693 ± 0.021 $\chi^2/\text{NDF}: 433352.5/16$

Left: 8.376 ± 0.015 $\chi^2/\text{NDF}: 849547.0/34$

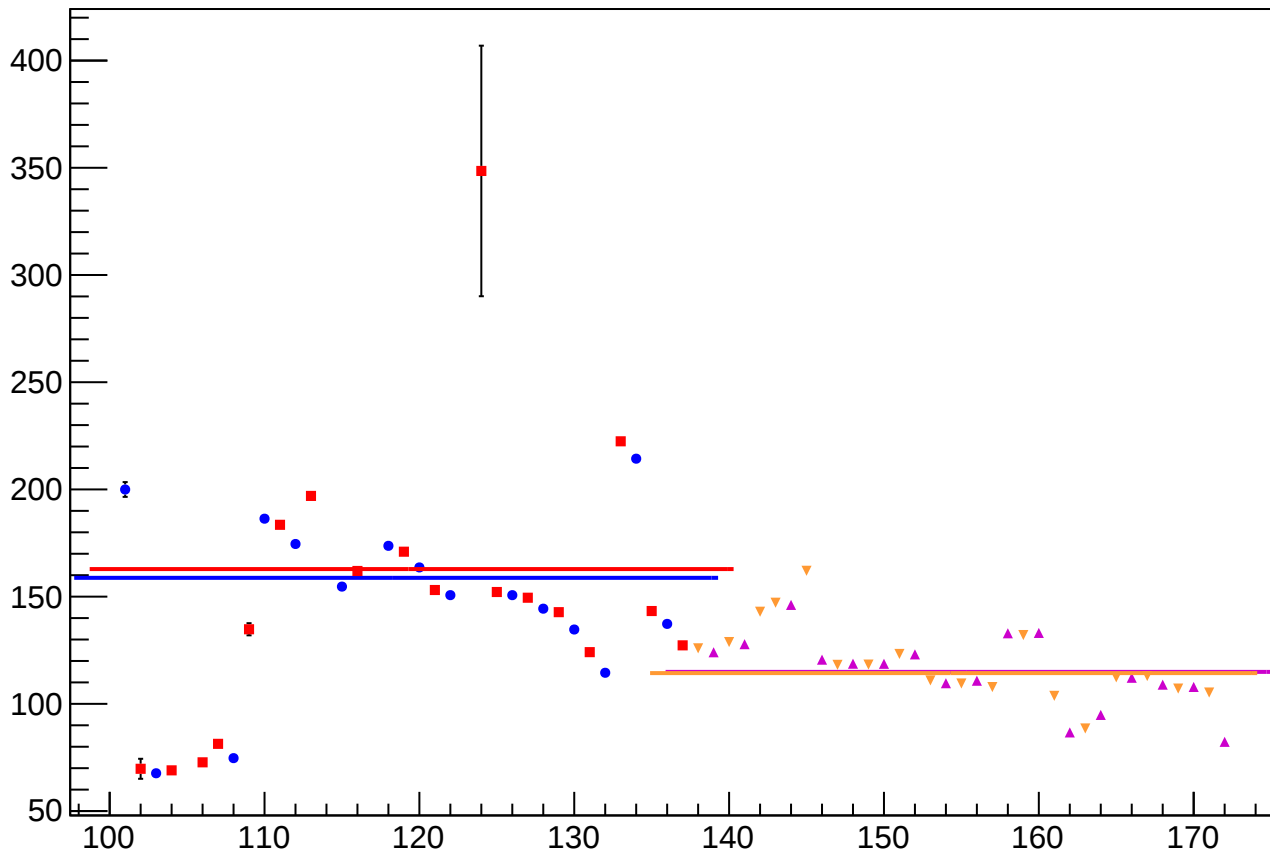
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 5.460 ± 0.020 $\chi^2/\text{NDF}: 552103.6/31$

Out: 8.482 ± 0.020 $\chi^2/\text{NDF}: 515152.1/35$

All: 6.990 ± 0.014 $\chi^2/\text{NDF}: 1078568.4/67$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 114.341 $\pm$ 0.025 χ^2 /NDF:223190.3/17

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 114.909 $\pm$ 0.023 χ^2 /NDF:298331.0/16

Left: 114.652 $\pm$ 0.017 χ^2 /NDF: 521799.8/34

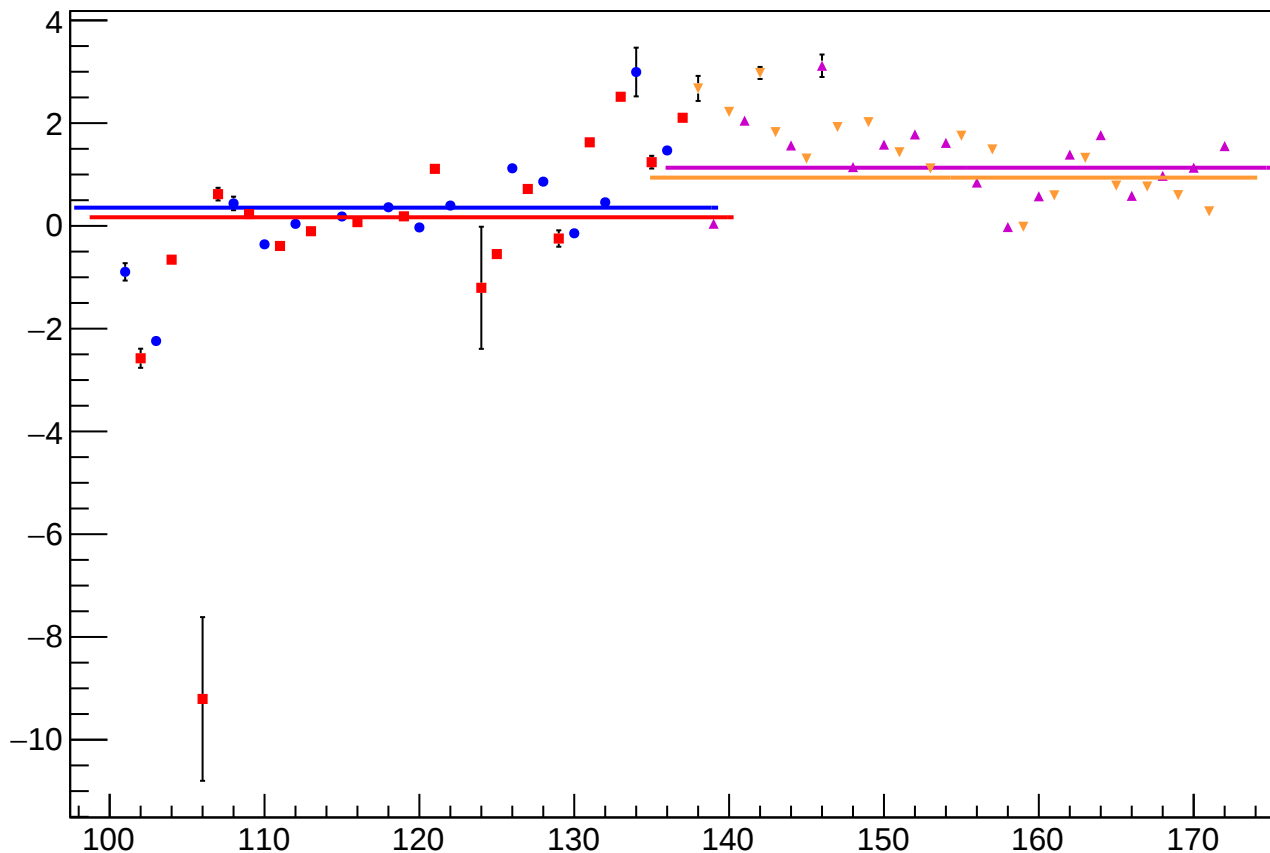
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 117.671 $\pm$ 0.022 χ^2 /NDF:688522.4/31

Out: 117.646 $\pm$ 0.024 χ^2 /NDF:631520.6/35

All: 117.659 $\pm$ 0.016 χ^2 /NDF: 1320043.6/67

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.940 ± 0.009 $\chi^2/\text{NDF}: 5597.8/17$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.132 ± 0.008 $\chi^2/\text{NDF}: 6492.7/16$

Left: 1.052 ± 0.006 $\chi^2/\text{NDF}: 12356.7/34$

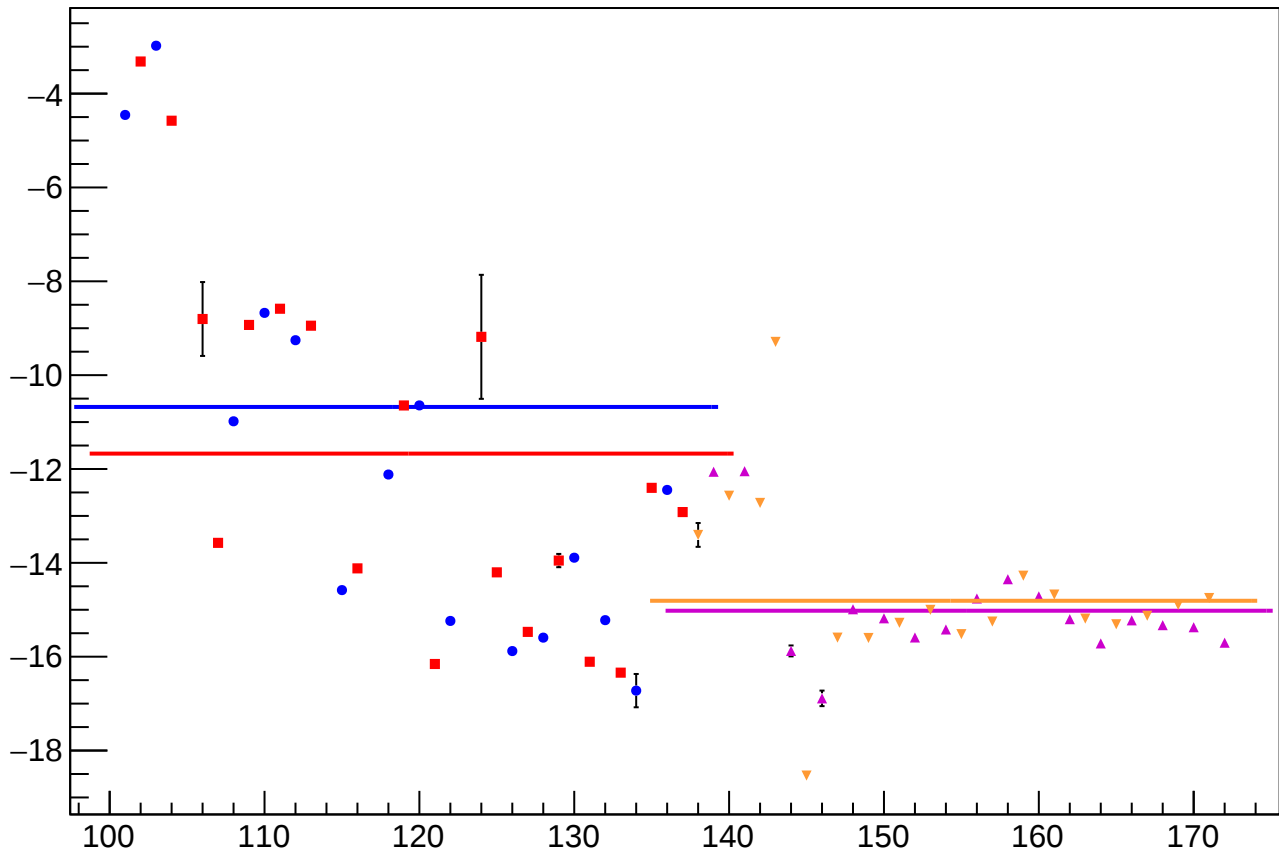
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.902 ± 0.006 $\chi^2/\text{NDF}: 13579.3/31$

Out: 0.492 ± 0.006 $\chi^2/\text{NDF}: 14471.6/35$

All: 0.678 ± 0.004 $\chi^2/\text{NDF}: 30301.9/67$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.808 ± 0.007 $\chi^2/\text{NDF}: 30593.3/17$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.021 ± 0.007 $\chi^2/\text{NDF}: 12895.0/16$

Left: -14.923 ± 0.005 $\chi^2/\text{NDF}: 43952.7/34$

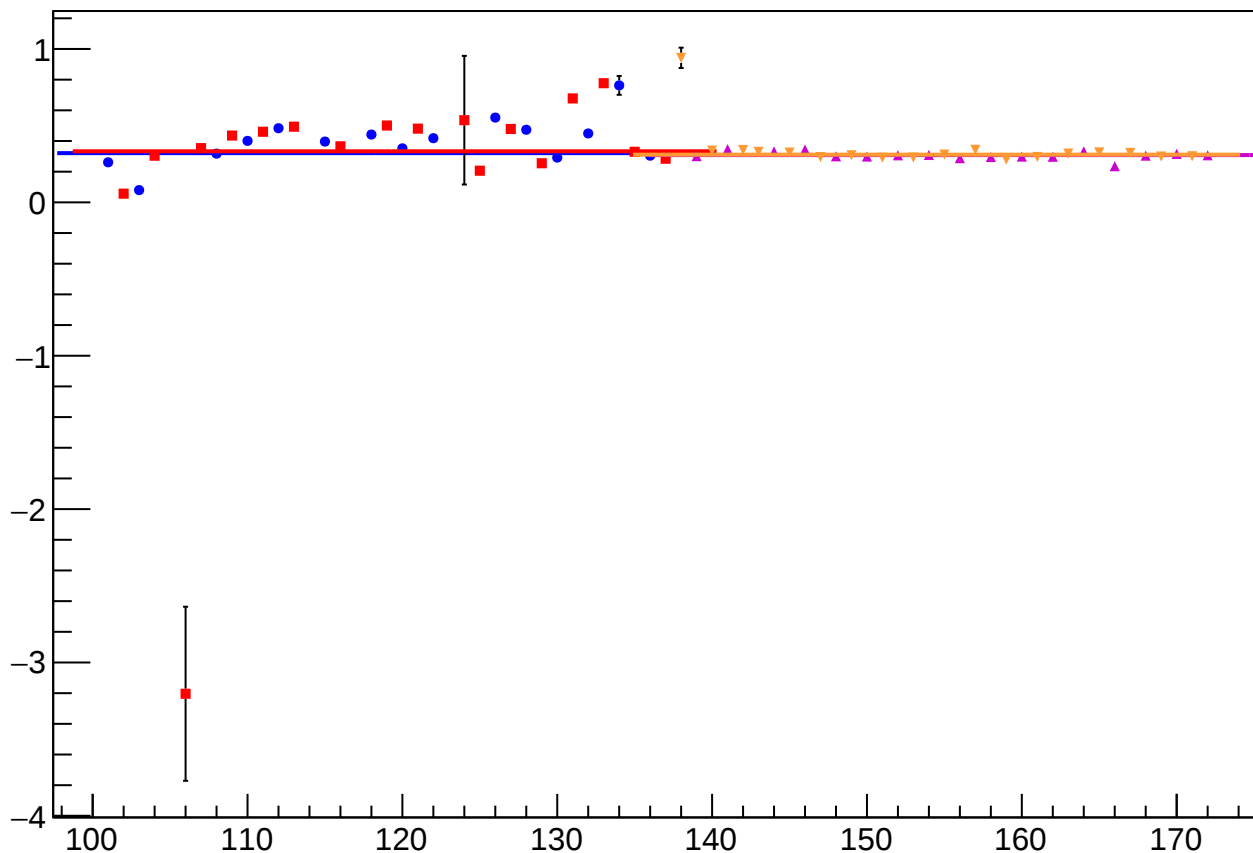
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.736 ± 0.006 $\chi^2/\text{NDF}: 365407.7/31$

Out: -13.931 ± 0.006 $\chi^2/\text{NDF}: 190724.6/35$

All: -13.824 ± 0.004 $\chi^2/\text{NDF}: 556682.7/67$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF:4678.5/17

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF:2602.7/16

Left: 0.310 $\pm$ 0.000 χ^2 /NDF: 7343.5/34

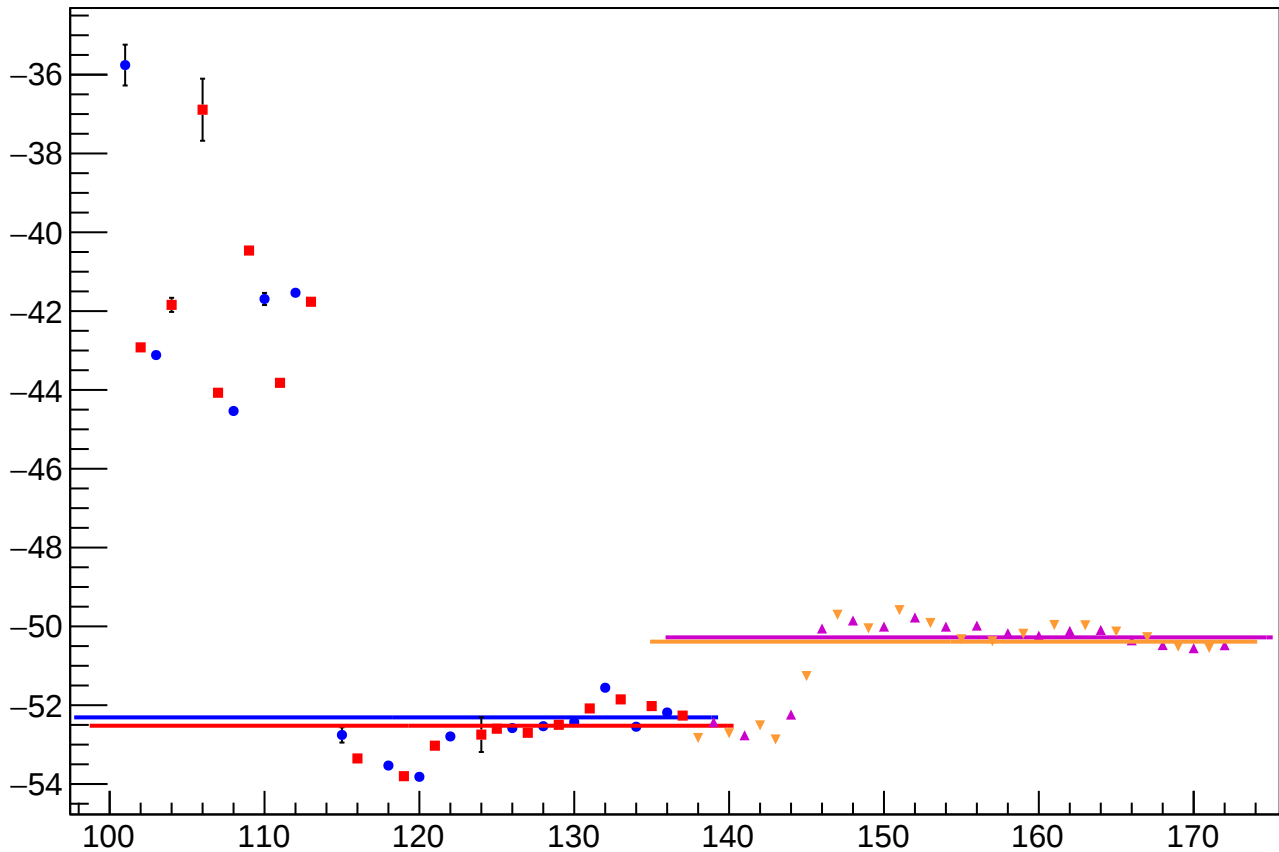
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.309 $\pm$ 0.000 χ^2 /NDF:6791.6/31

Out: 0.312 $\pm$ 0.000 χ^2 /NDF:9144.8/35

All: 0.311 $\pm$ 0.000 χ^2 /NDF: 15998.6/67

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.387 ± 0.002 $\chi^2/\text{NDF}: 228131.2/17$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.279 ± 0.001 $\chi^2/\text{NDF}: 165135.7/16$

Left: -50.322 ± 0.001 $\chi^2/\text{NDF}: 395908.0/34$

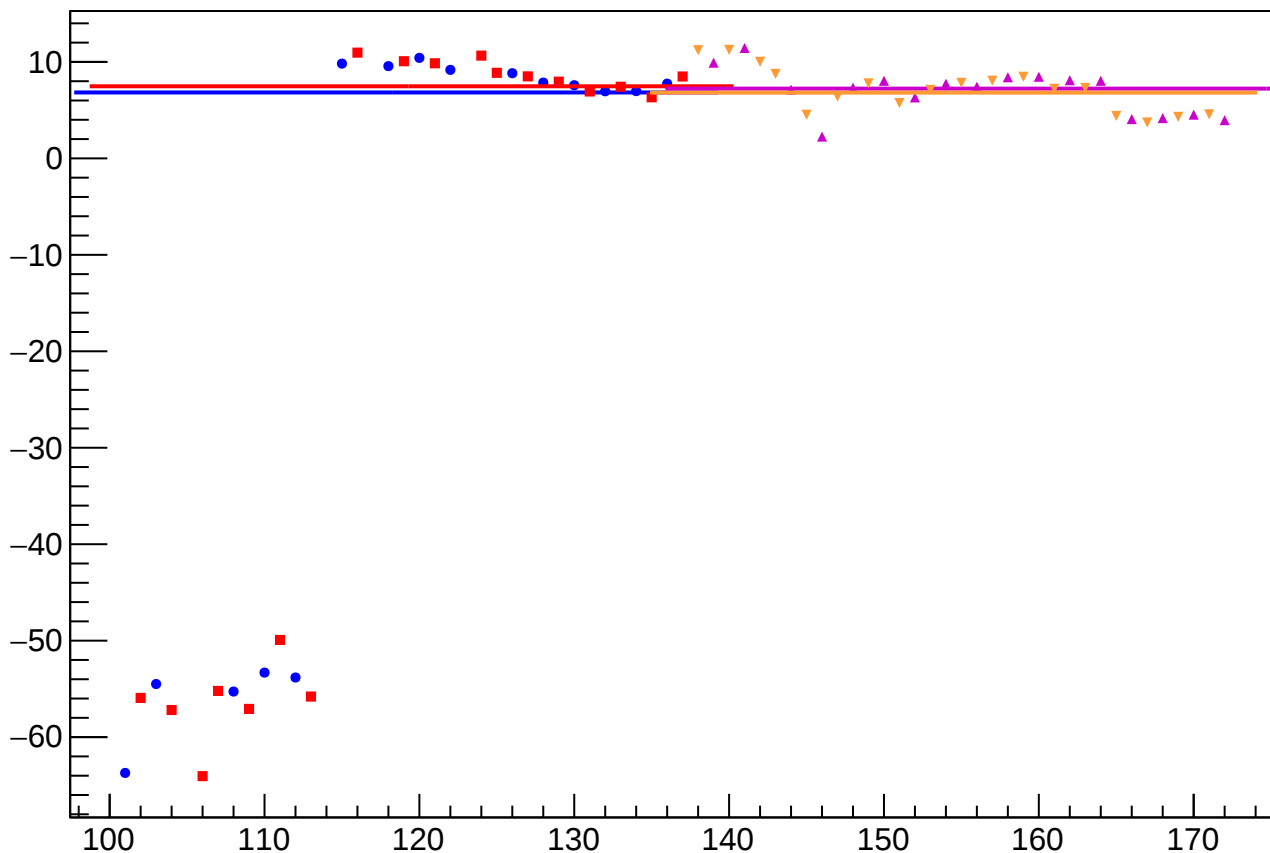
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.450 ± 0.001 $\chi^2/\text{NDF}: 412299.6/31$

Out: -50.627 ± 0.002 $\chi^2/\text{NDF}: 495265.7/35$

All: -50.523 ± 0.001 $\chi^2/\text{NDF}: 915309.3/67$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.817 ± 0.004 $\chi^2/\text{NDF}: 290521.4/17$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.231 ± 0.004 $\chi^2/\text{NDF}: 183354.4/16$

Left: 7.042 ± 0.003 $\chi^2/\text{NDF}: 480223.1/34$

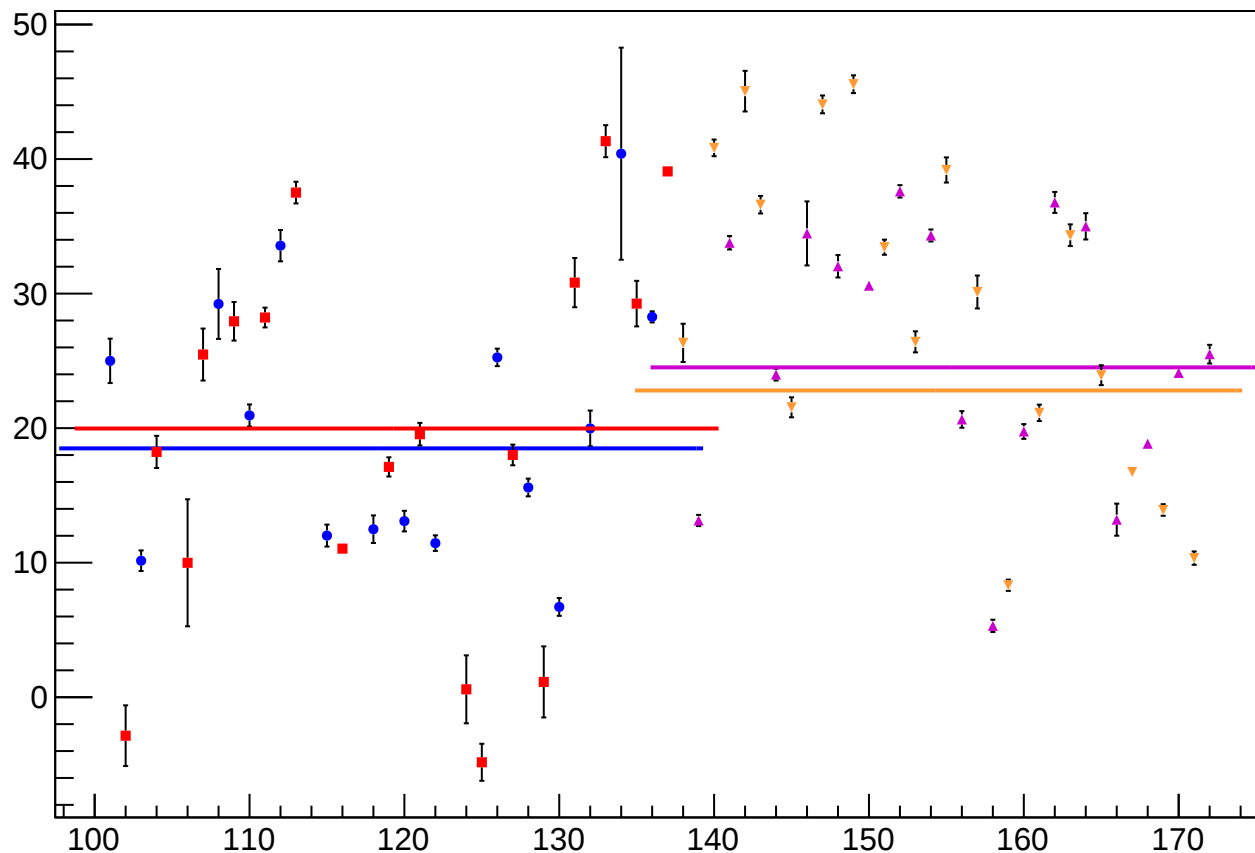
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.102 ± 0.003 $\chi^2/\text{NDF}: 1178088.0/31$

Out: 6.912 ± 0.004 $\chi^2/\text{NDF}: 1490291.3/35$

All: 7.027 ± 0.002 $\chi^2/\text{NDF}: 2670102.2/67$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 22.801 ± 0.136 $\chi^2/\text{NDF}: 7451.7/17$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 24.517 ± 0.117 $\chi^2/\text{NDF}: 5451.6/16$

Left: 23.788 ± 0.088 $\chi^2/\text{NDF}: 12995.6/34$

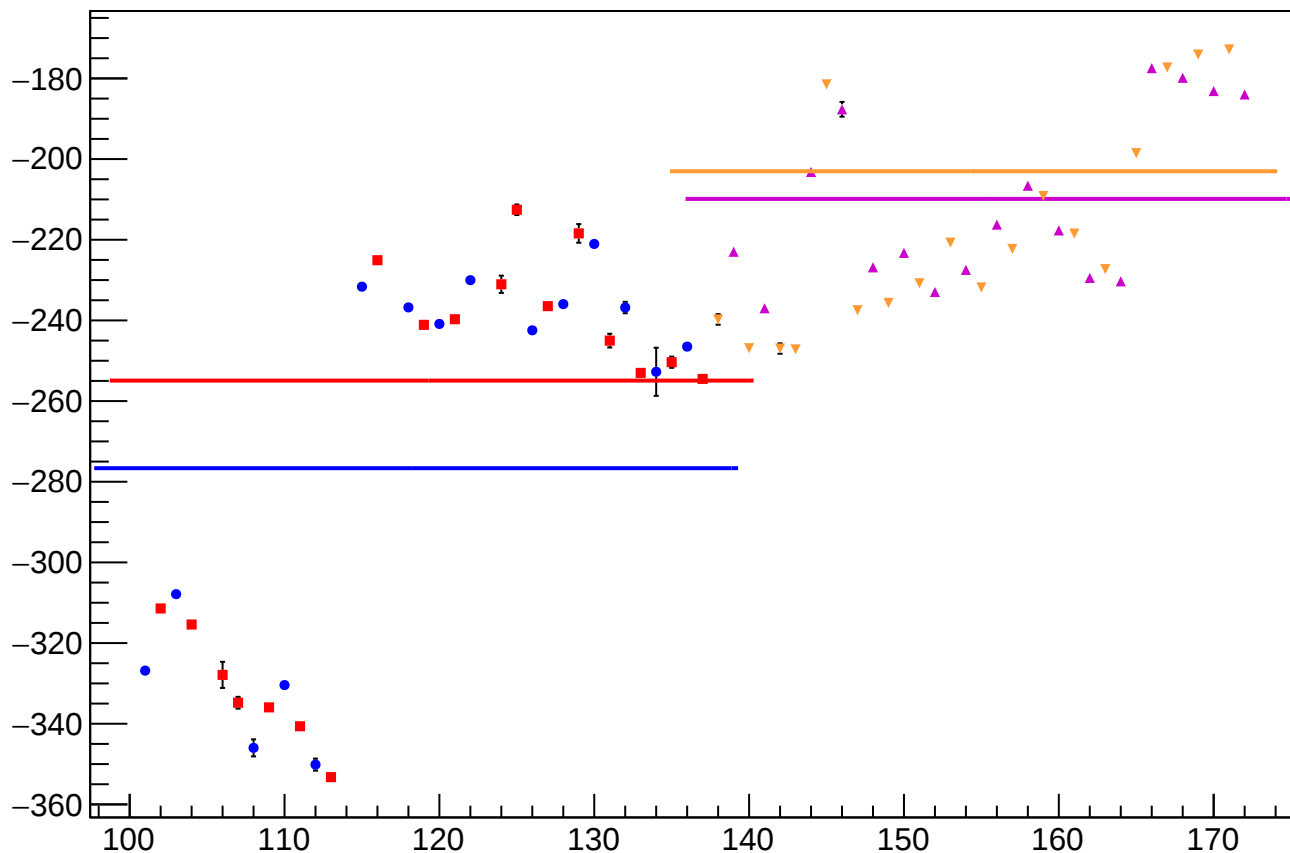
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.991 ± 0.101 $\chi^2/\text{NDF}: 7764.7/31$

Out: 21.329 ± 0.094 $\chi^2/\text{NDF}: 16879.2/35$

All: 22.102 ± 0.069 $\chi^2/\text{NDF}: 24789.6/67$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -203.016 ± 0.113 $\chi^2/\text{NDF}: 59202.3/17$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -209.874 ± 0.101 $\chi^2/\text{NDF}: 42161.5/16$

Left: -206.825 ± 0.075 $\chi^2/\text{NDF}: 103425.7/34$

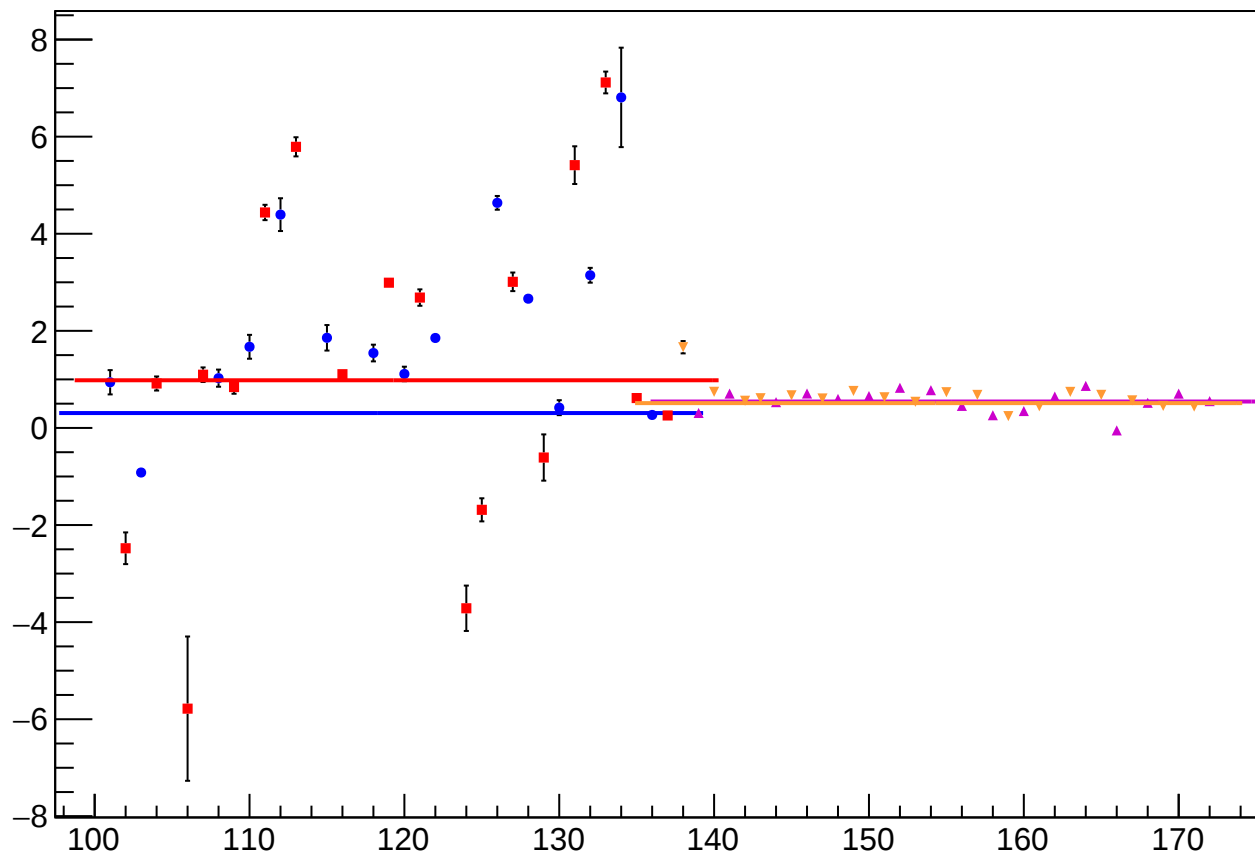
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -231.088 ± 0.083 $\chi^2/\text{NDF}: 258969.7/31$

Out: -240.081 ± 0.060 $\chi^2/\text{NDF}: 282973.1/35$

All: -236.990 ± 0.049 $\chi^2/\text{NDF}: 549616.3/67$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.511 ± 0.002 $\chi^2/\text{NDF}: 8388.5/17$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.544 ± 0.002 $\chi^2/\text{NDF}: 14103.7/16$

Left: 0.530 ± 0.001 $\chi^2/\text{NDF}: 22638.6/34$

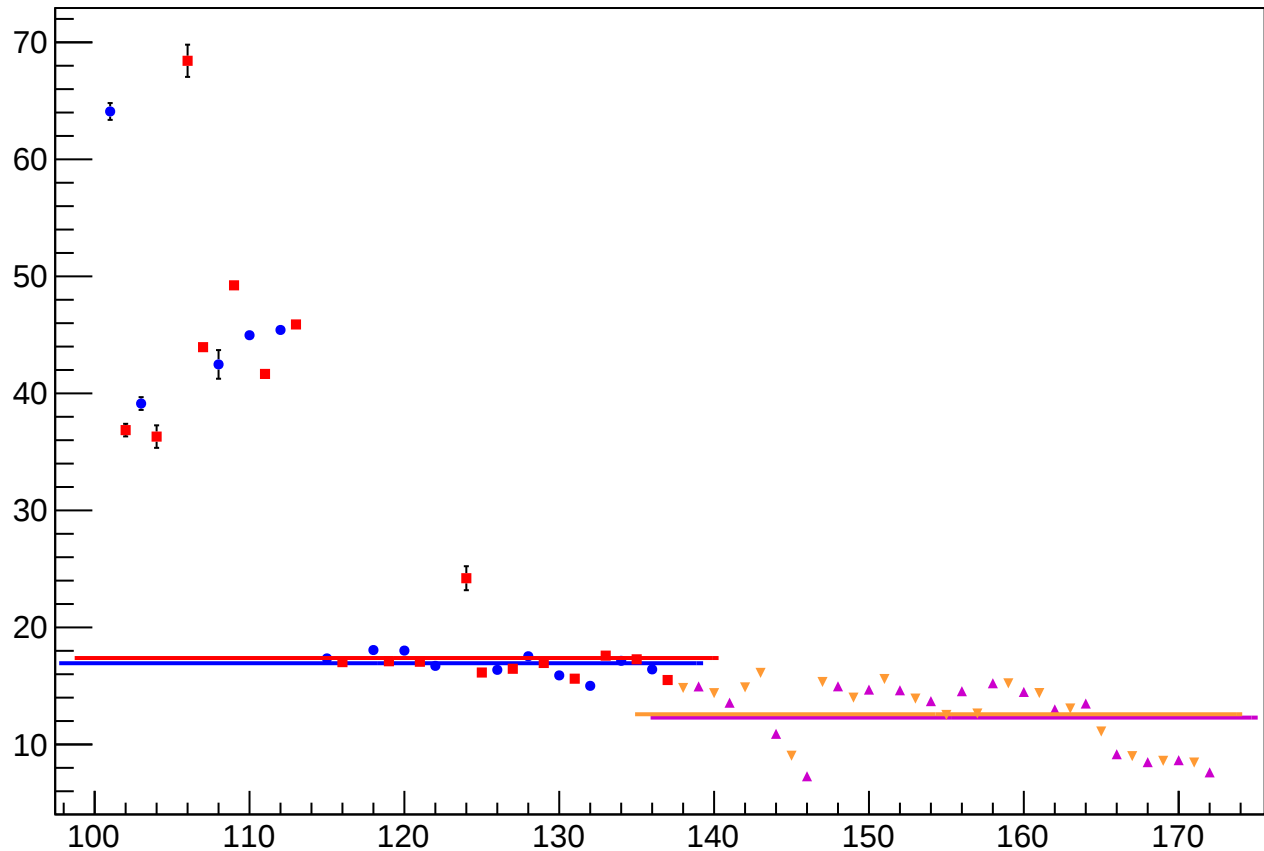
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 18083.3/31$

Out: 0.520 ± 0.002 $\chi^2/\text{NDF}: 12772.1/35$

All: 0.525 ± 0.001 $\chi^2/\text{NDF}: 30863.6/67$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 12.580 $\pm$ 0.008 χ^2 /NDF: 144558.9/17

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 12.294 $\pm$ 0.008 χ^2 /NDF: 139218.7/16

Left: 12.432 $\pm$ 0.006 χ^2 /NDF: 284434.2/34

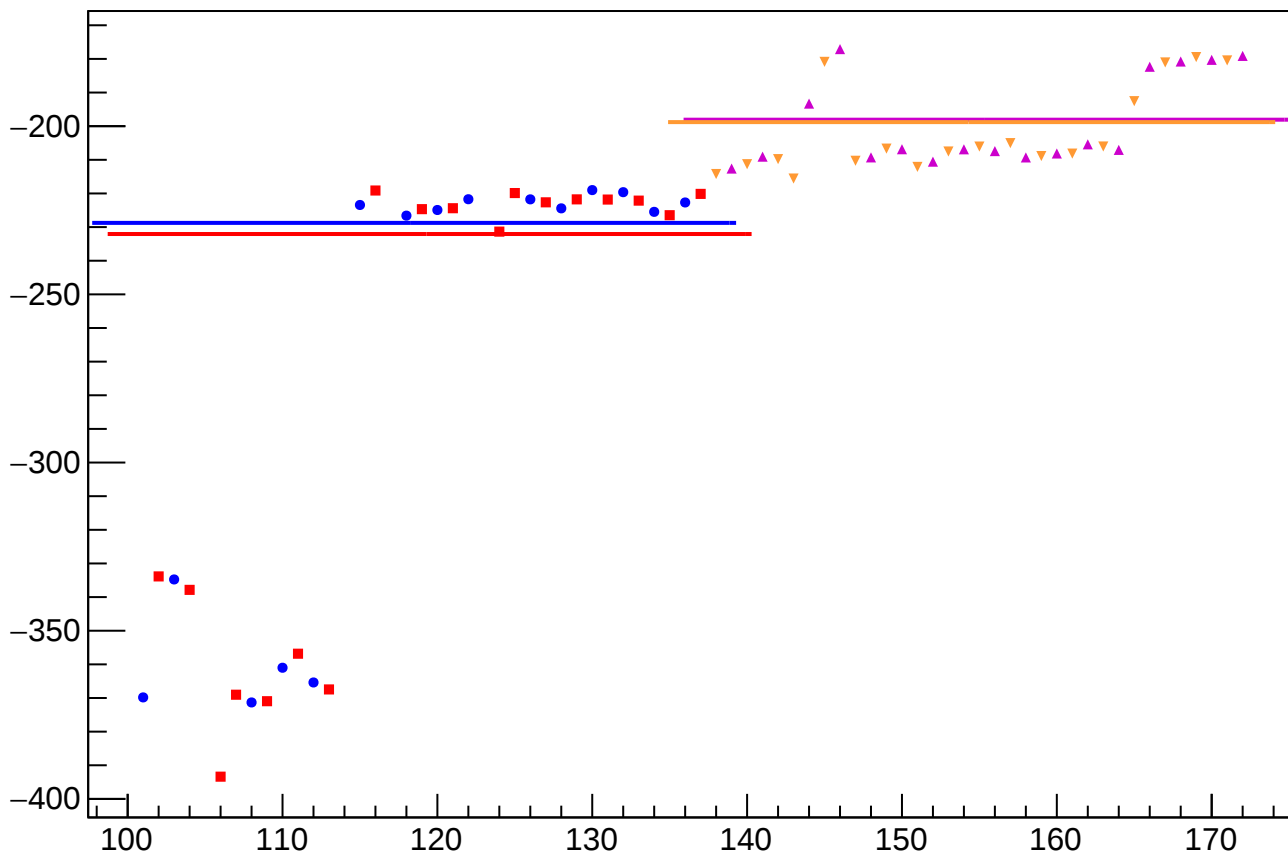
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 13.533 $\pm$ 0.007 χ^2 /NDF: 263870.8/31

Out: 13.410 $\pm$ 0.007 χ^2 /NDF: 267427.8/35

All: 13.477 $\pm$ 0.005 χ^2 /NDF: 531453.3/67

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -198.788 ± 0.015 $\chi^2/\text{NDF}: 825614.4/17$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -198.069 ± 0.014 $\chi^2/\text{NDF}: 890111.3/16$

Left: -198.399 ± 0.010 $\chi^2/\text{NDF}: 1716904.5/34$

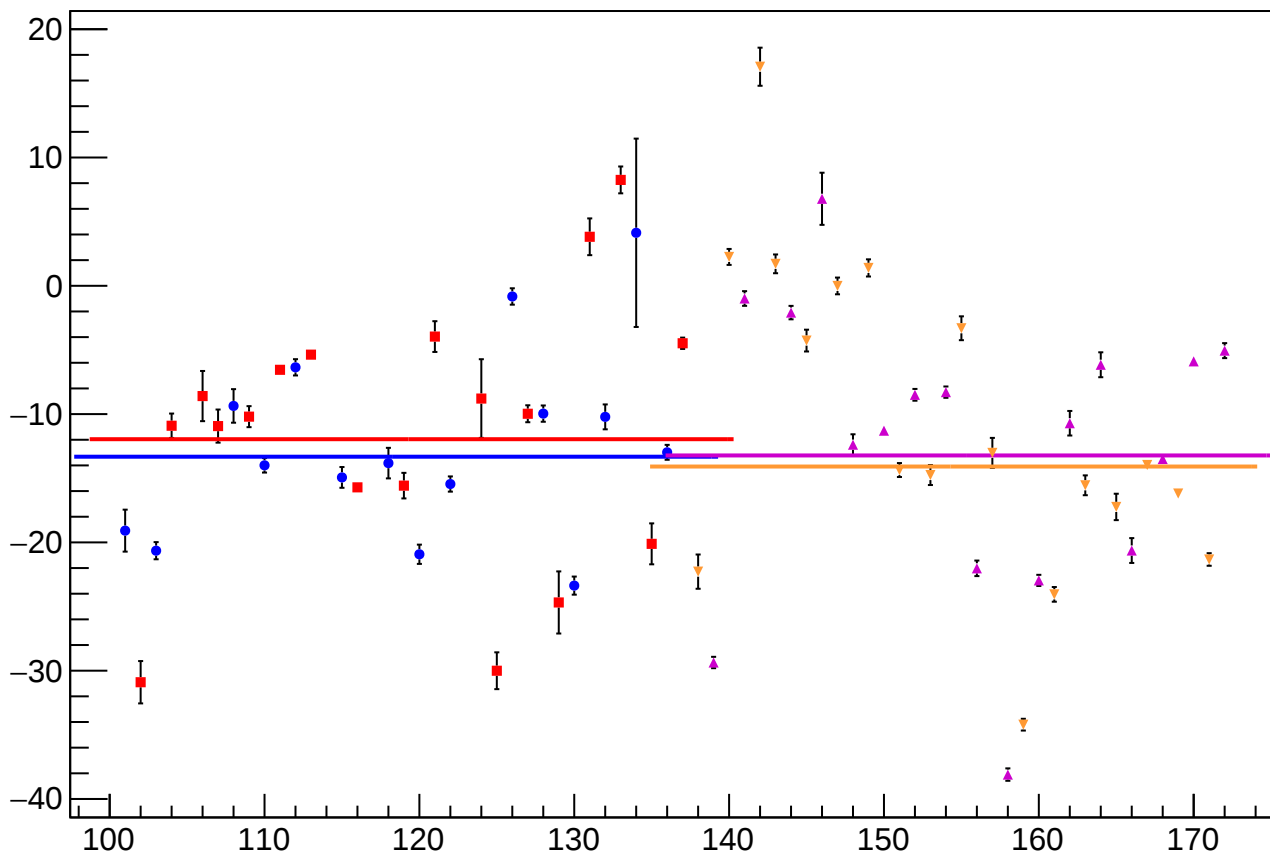
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -202.465 ± 0.013 $\chi^2/\text{NDF}: 2217993.0/31$

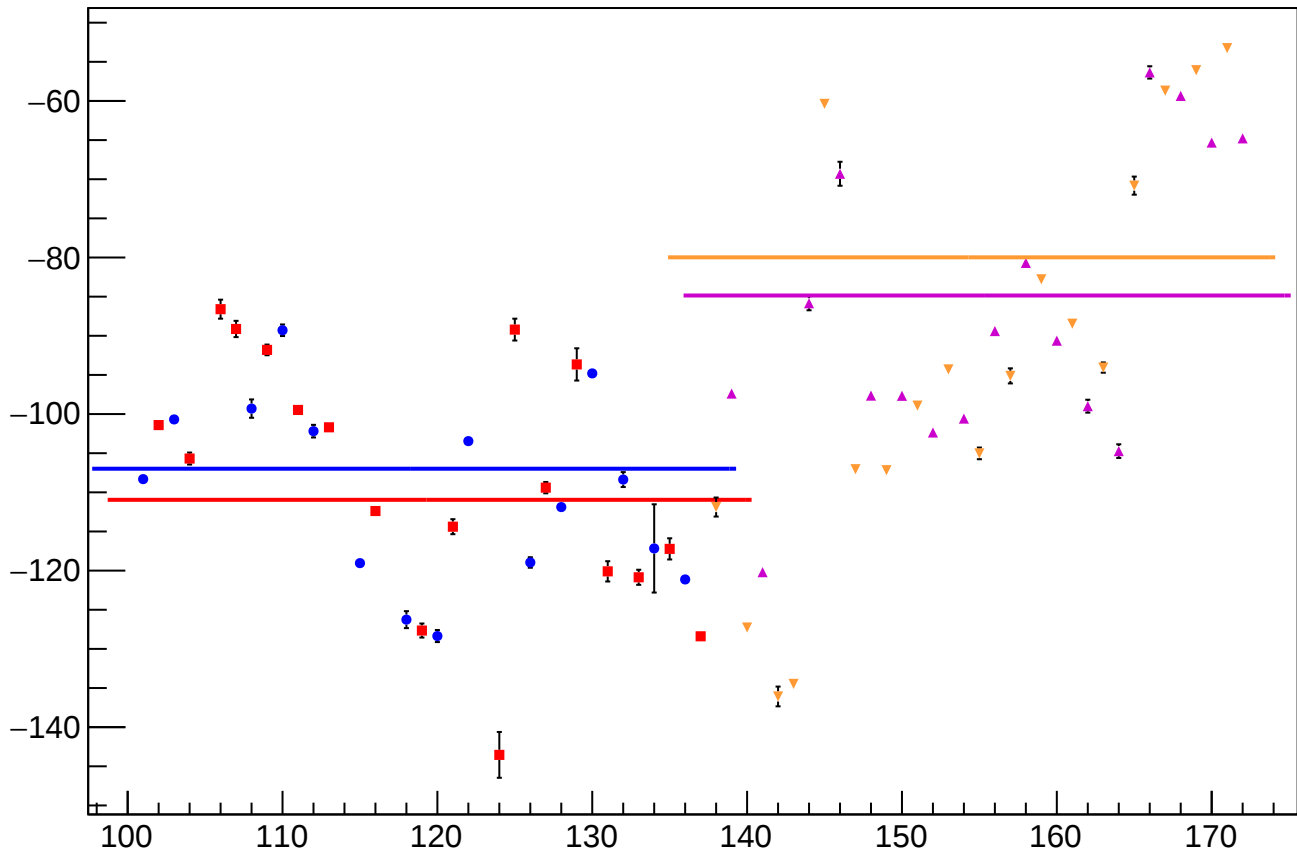
Out: -202.856 ± 0.014 $\chi^2/\text{NDF}: 2186678.8/35$

All: -202.642 ± 0.010 $\chi^2/\text{NDF}: 4405073.5/67$

dit_sam3_4aX_slope vs Slug, Sign Corrected



dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -79.977+/-0.111 χ^2/NDF : 50013.3/17

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -84.853+/-0.099 χ^2/NDF : 33379.6/16

Left: -82.696+/-0.074 χ^2/NDF : 84463.2/34

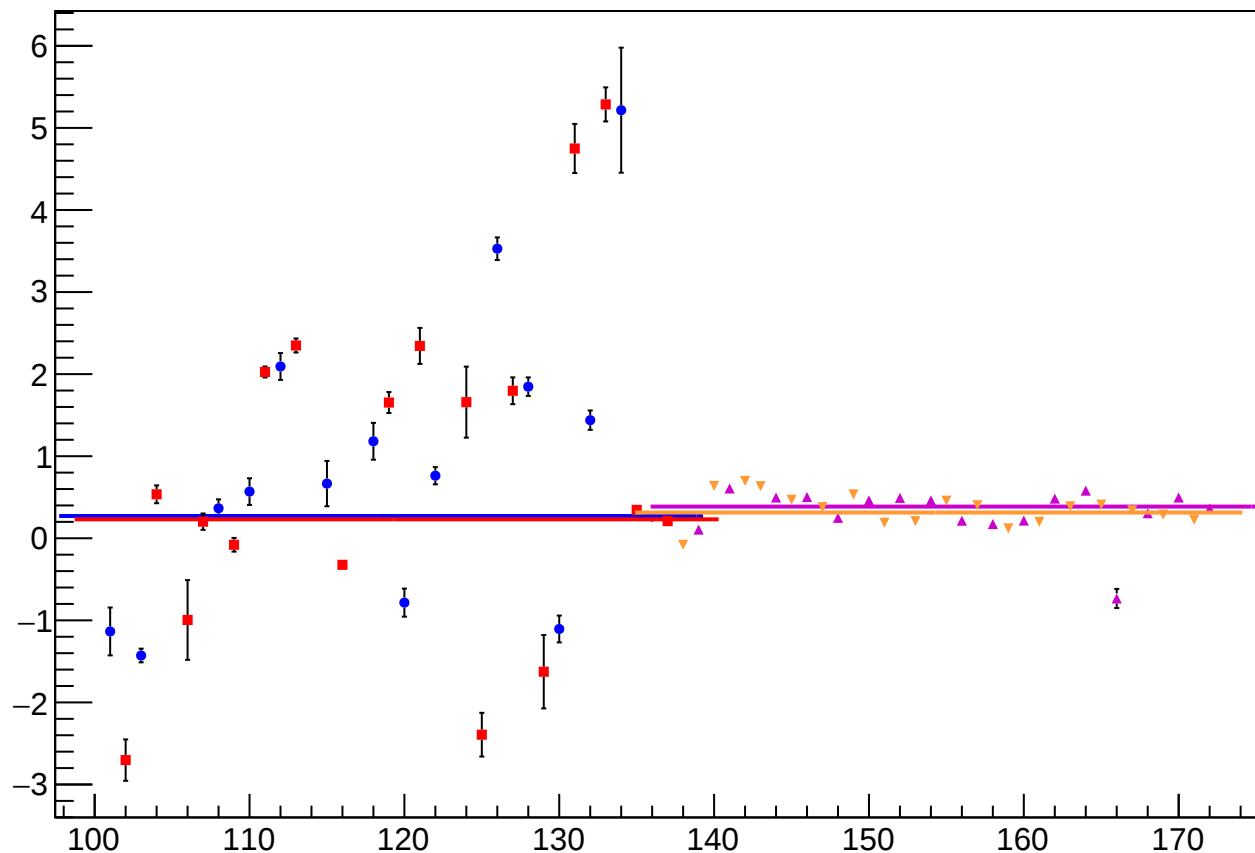
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -94.769+/-0.074 χ^2/NDF : 60367.0/31

Out: -105.721+/-0.046 χ^2/NDF : 125062.6/35

All: -102.672+/-0.039 χ^2/NDF : 201388.4/67

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.313 ± 0.002 $\chi^2/\text{NDF}: 6725.5/17$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.386 ± 0.002 $\chi^2/\text{NDF}: 8289.0/16$

Left: 0.354 ± 0.001 $\chi^2/\text{NDF}: 15734.0/34$

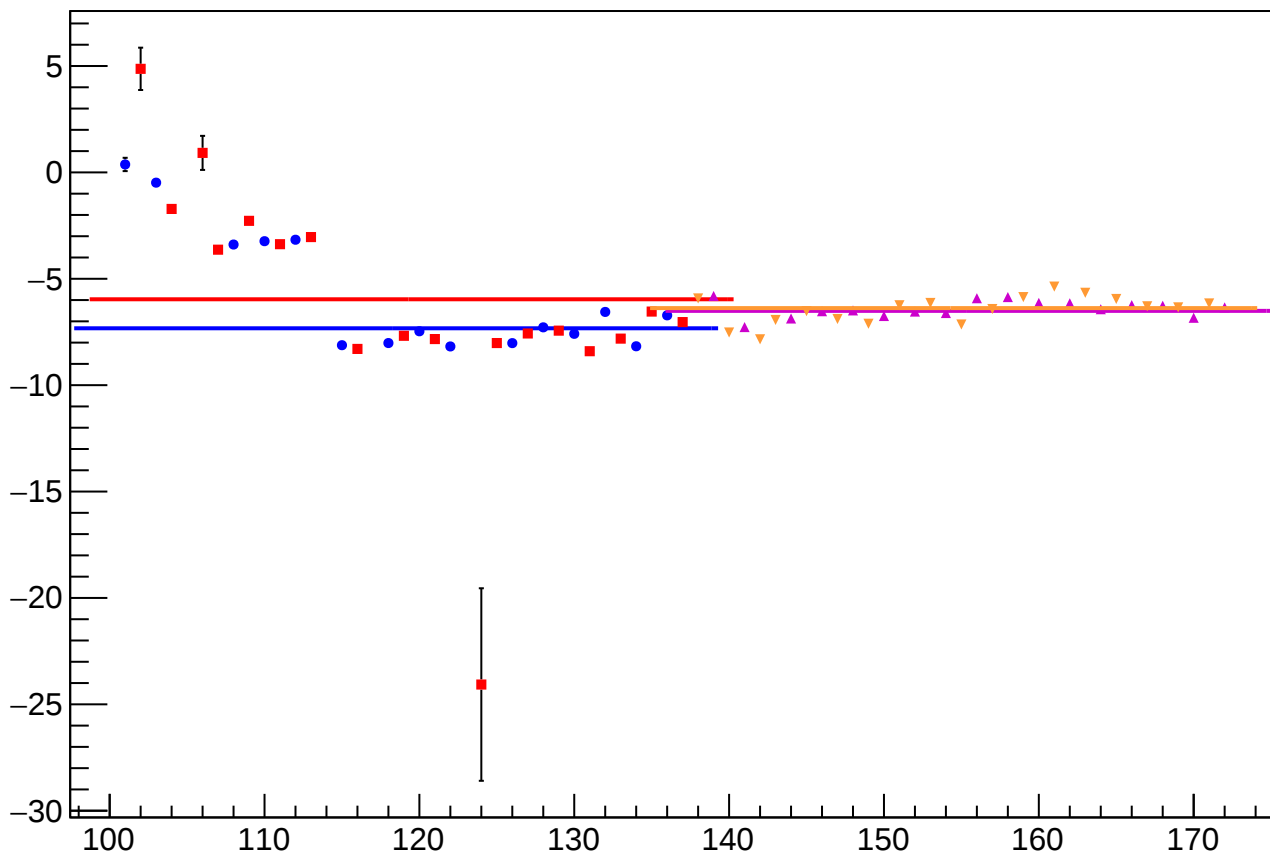
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.374 ± 0.002 $\chi^2/\text{NDF}: 10319.6/31$

Out: 0.299 ± 0.002 $\chi^2/\text{NDF}: 9922.6/35$

All: 0.340 ± 0.001 $\chi^2/\text{NDF}: 21142.6/67$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.378+/-0.005 χ^2/NDF : 6151.5/17

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.508+/-0.005 χ^2/NDF : 6515.2/16

Left: -6.447+/-0.004 χ^2/NDF : 13002.8/34

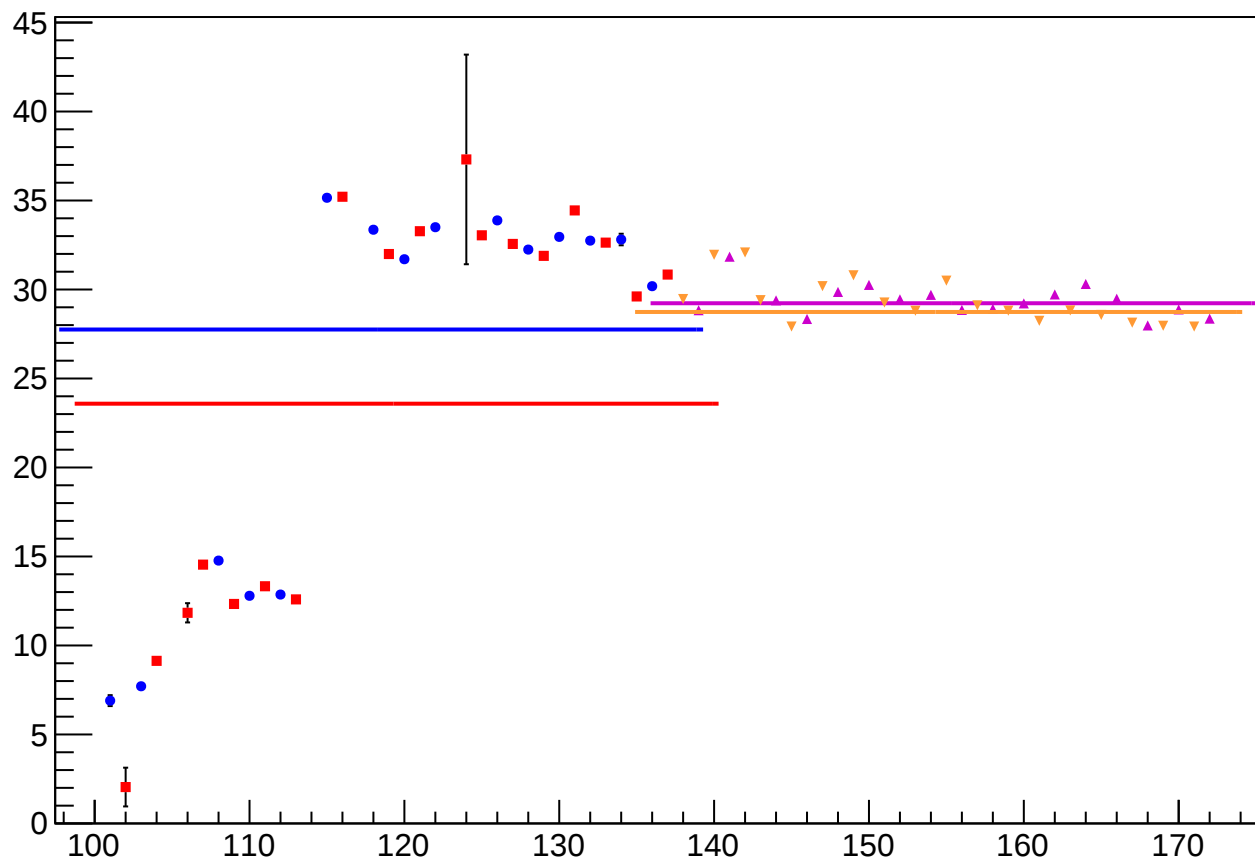
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.715+/-0.004 χ^2/NDF : 44142.7/31

Out: -6.272+/-0.004 χ^2/NDF : 79619.0/35

All: -6.505+/-0.003 χ^2/NDF : 128996.1/67

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.738 $\pm$ 0.009 χ^2 /NDF:12817.5/17

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.228 $\pm$ 0.009 χ^2 /NDF:6679.4/16

Left: 28.988 $\pm$ 0.006 χ^2 /NDF: 20954.6/34

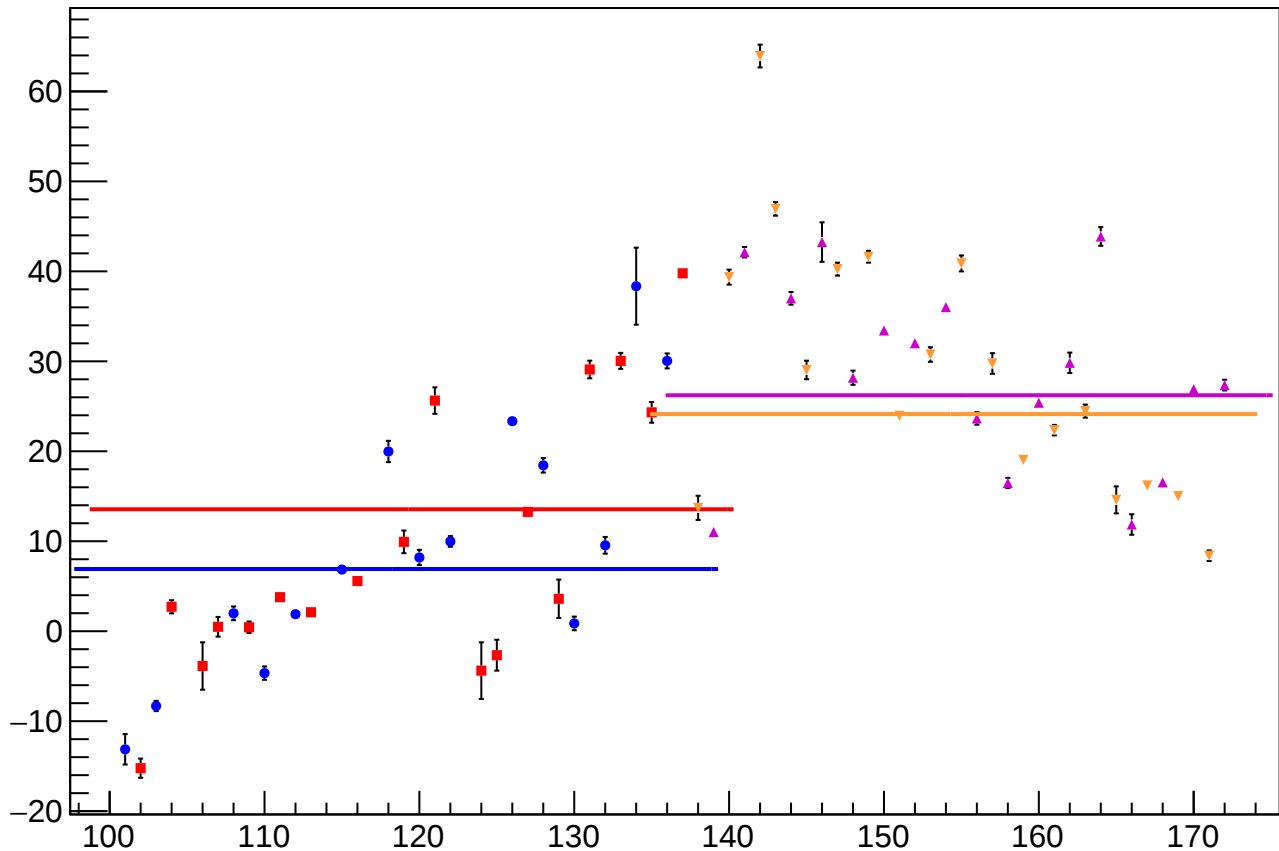
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.839 $\pm$ 0.008 χ^2 /NDF:346702.8/31

Out: 27.147 $\pm$ 0.008 χ^2 /NDF:650035.8/35

All: 27.983 $\pm$ 0.005 χ^2 /NDF: 1021107.1/67

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 24.136 ± 0.152 χ^2/NDF : 5842.3/17

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

Left In: 26.226 ± 0.127 χ^2/NDF : 5441.3/16

Left: 25.363 ± 0.098 χ^2/NDF : 11394.9/34

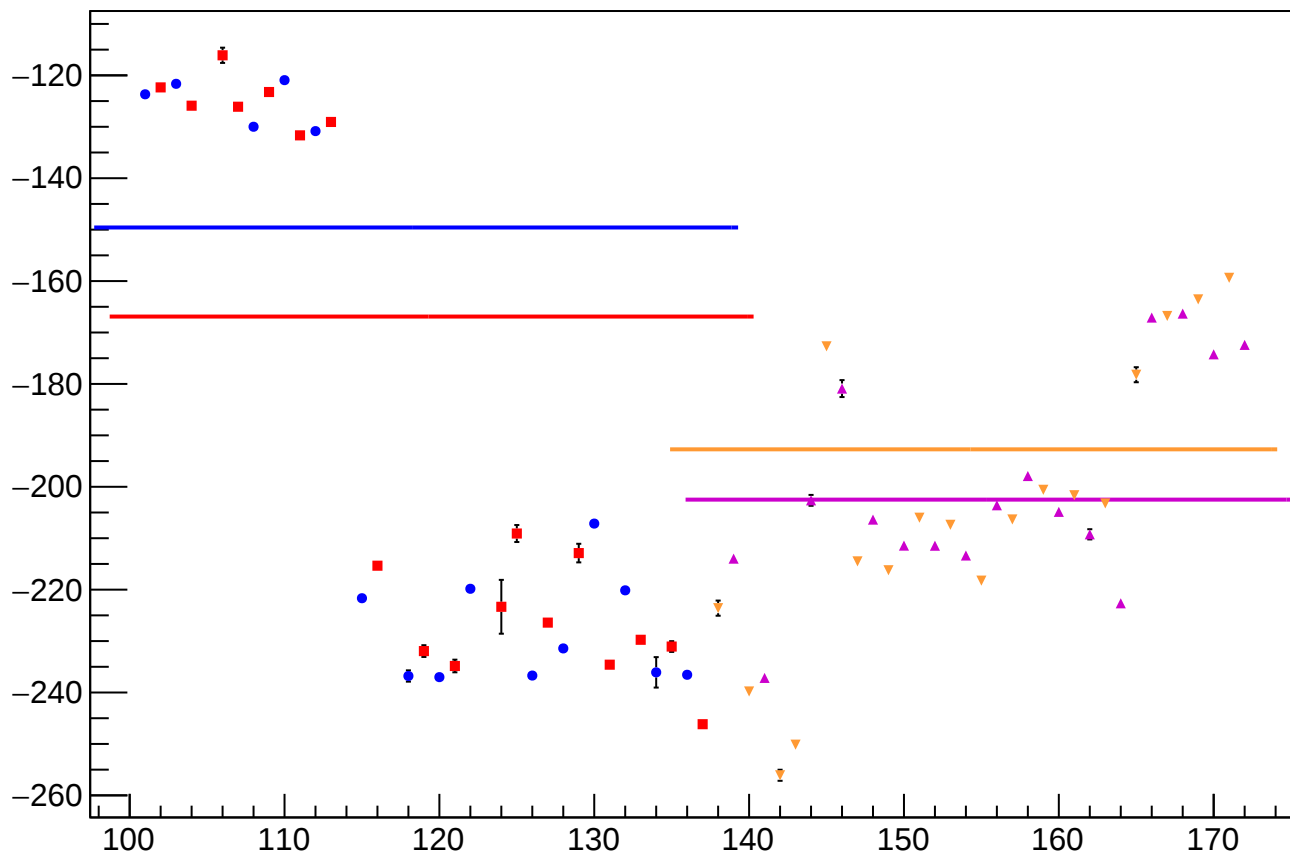
Right: 10.880 ± 0.112 χ^2/NDF : 16004.9/32

In: 19.616 ± 0.103 χ^2/NDF : 16812.6/31

Out: 18.607 ± 0.105 χ^2/NDF : 20038.4/35

All: 19.119 ± 0.074 χ^2/NDF : 36898.0/67

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -192.718 ± 0.122 $\chi^2/\text{NDF}: 45360.6/17$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -202.496 ± 0.108 $\chi^2/\text{NDF}: 30095.9/16$

Left: -198.236 ± 0.081 $\chi^2/\text{NDF}: 79057.7/34$

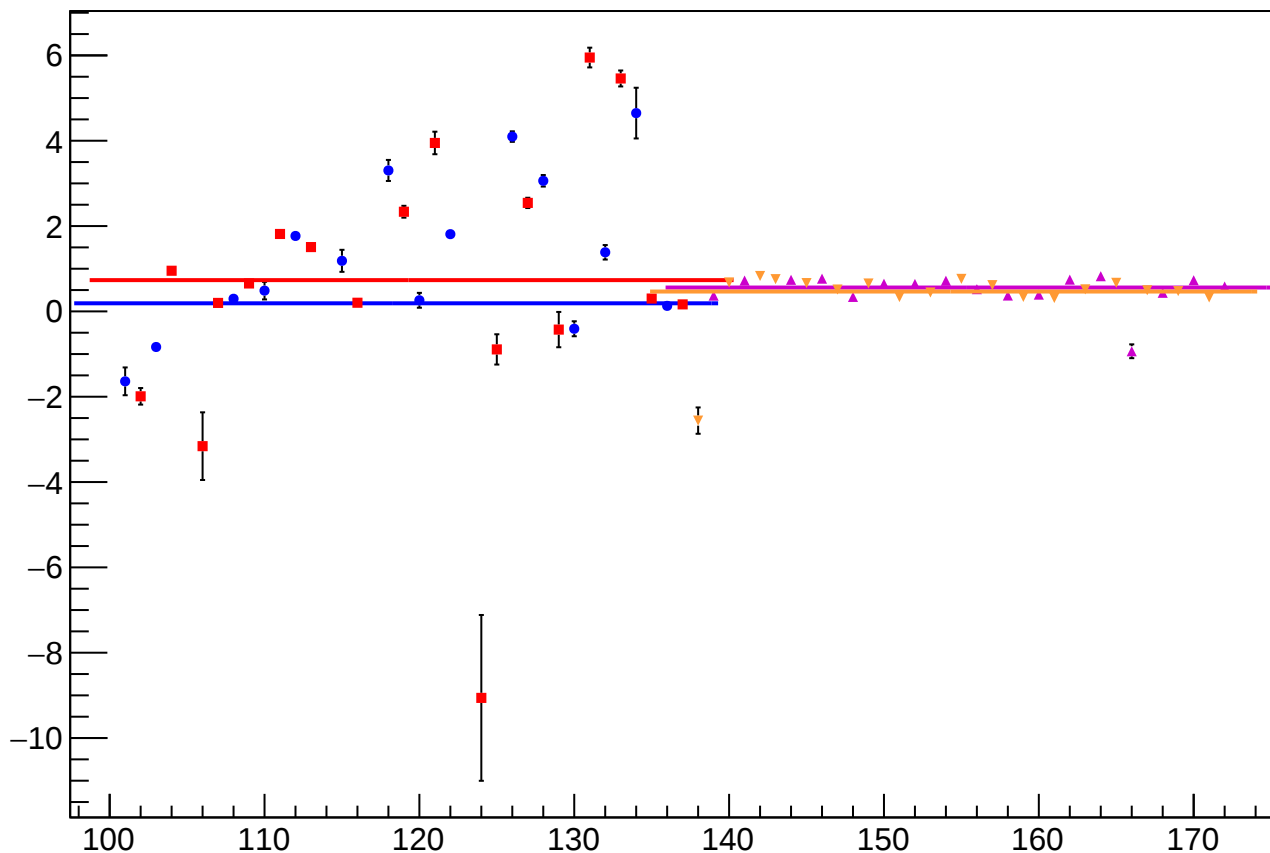
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.344 ± 0.074 $\chi^2/\text{NDF}: 353972.4/31$

Out: -177.306 ± 0.078 $\chi^2/\text{NDF}: 367405.5/35$

All: -175.744 ± 0.053 $\chi^2/\text{NDF}: 722143.7/67$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.466 $\pm$ 0.002 χ^2 /NDF:4247.5/17

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.559 $\pm$ 0.002 χ^2 /NDF:5289.6/16

Left: 0.516 $\pm$ 0.002 χ^2 /NDF: 10379.0/34

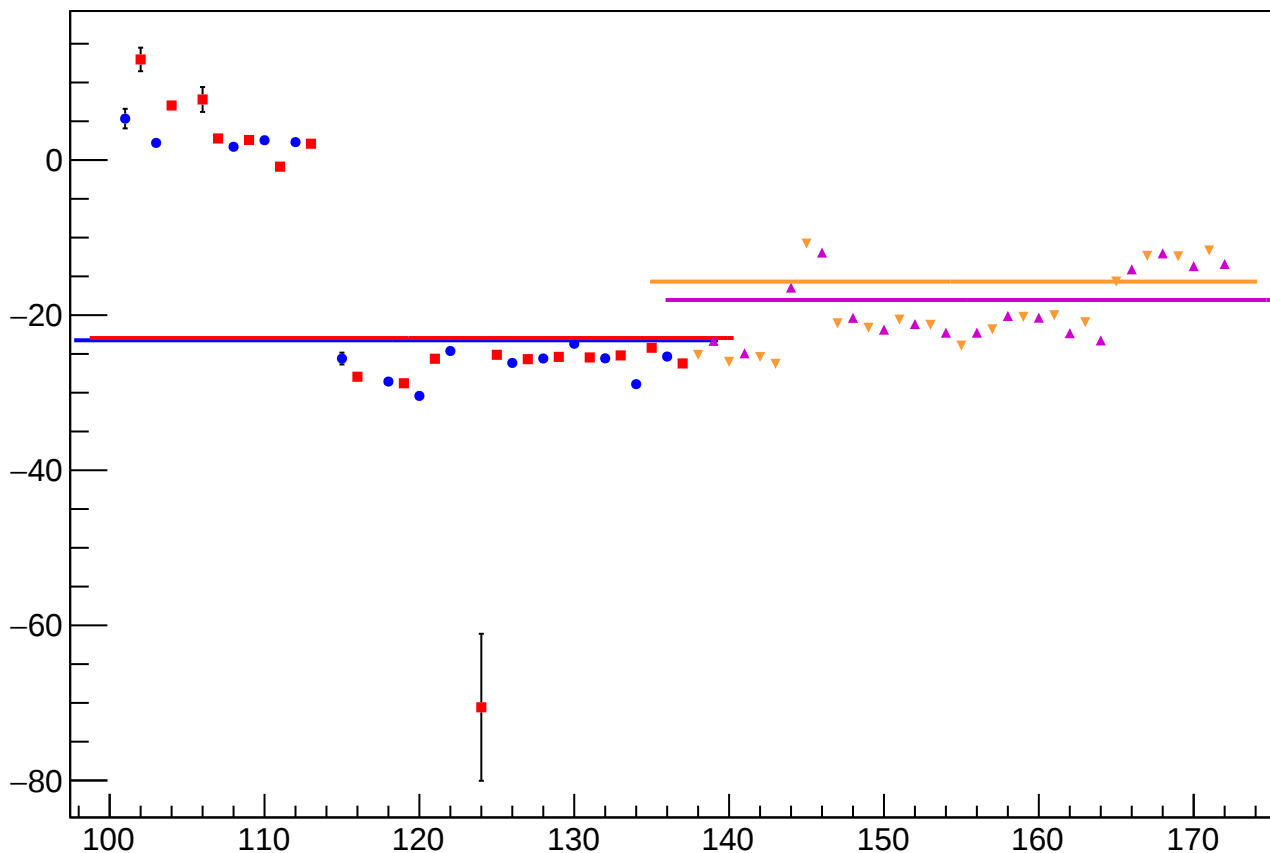
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.537 $\pm$ 0.002 χ^2 /NDF:9746.0/31

Out: 0.469 $\pm$ 0.002 χ^2 /NDF:7094.8/35

All: 0.507 $\pm$ 0.002 χ^2 /NDF: 17295.7/67

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.676 ± 0.012 $\chi^2/\text{NDF}: 175938.4/17$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -18.045 ± 0.012 $\chi^2/\text{NDF}: 106573.9/16$

Left: -16.818 ± 0.009 $\chi^2/\text{NDF}: 301706.7/34$

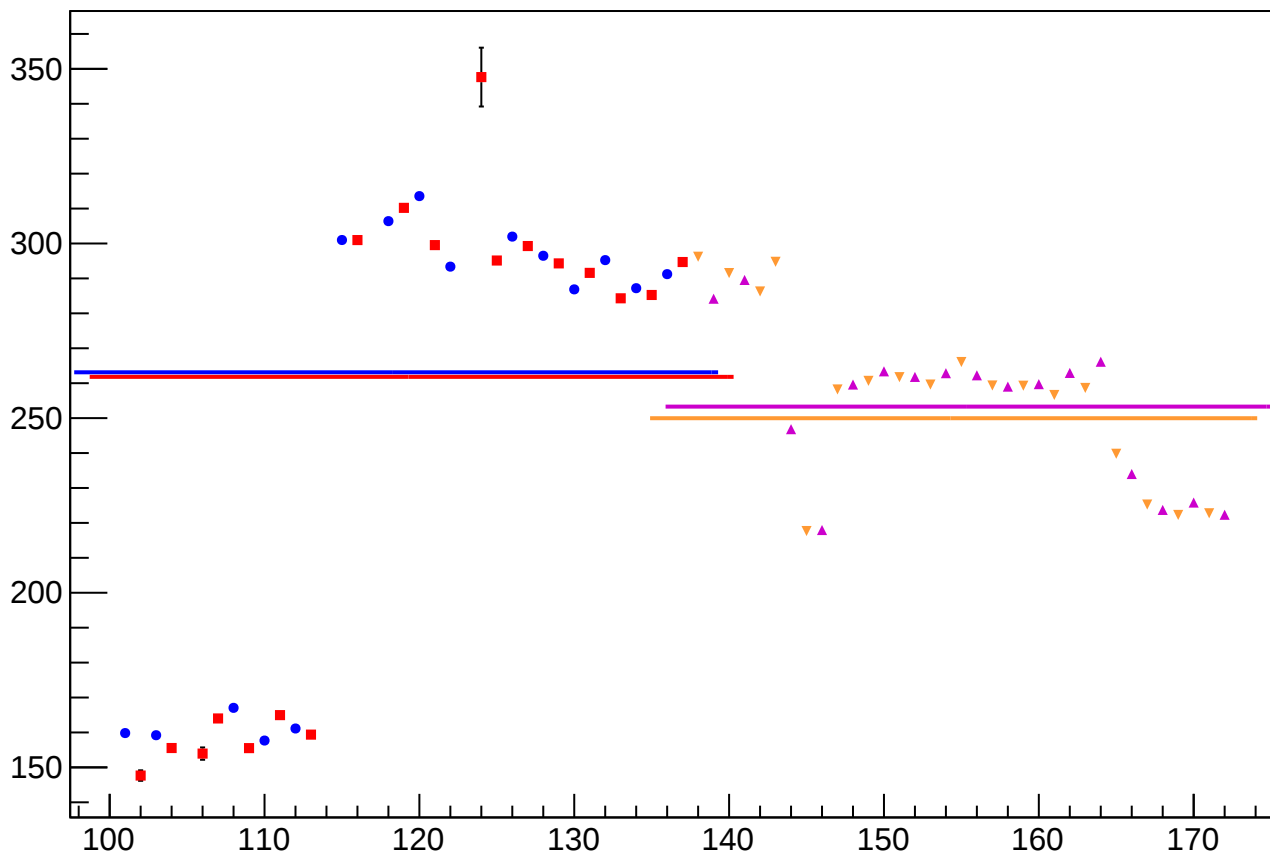
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -19.075 ± 0.011 $\chi^2/\text{NDF}: 244974.8/31$

Out: -17.043 ± 0.011 $\chi^2/\text{NDF}: 354485.0/35$

All: -18.029 ± 0.008 $\chi^2/\text{NDF}: 616949.6/67$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 249.973 $\pm$ 0.031 χ^2 /NDF: 576155.4/17

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 253.296 $\pm$ 0.029 χ^2 /NDF: 322722.0/16

Left: 251.738 $\pm$ 0.021 χ^2 /NDF: 904978.6/34

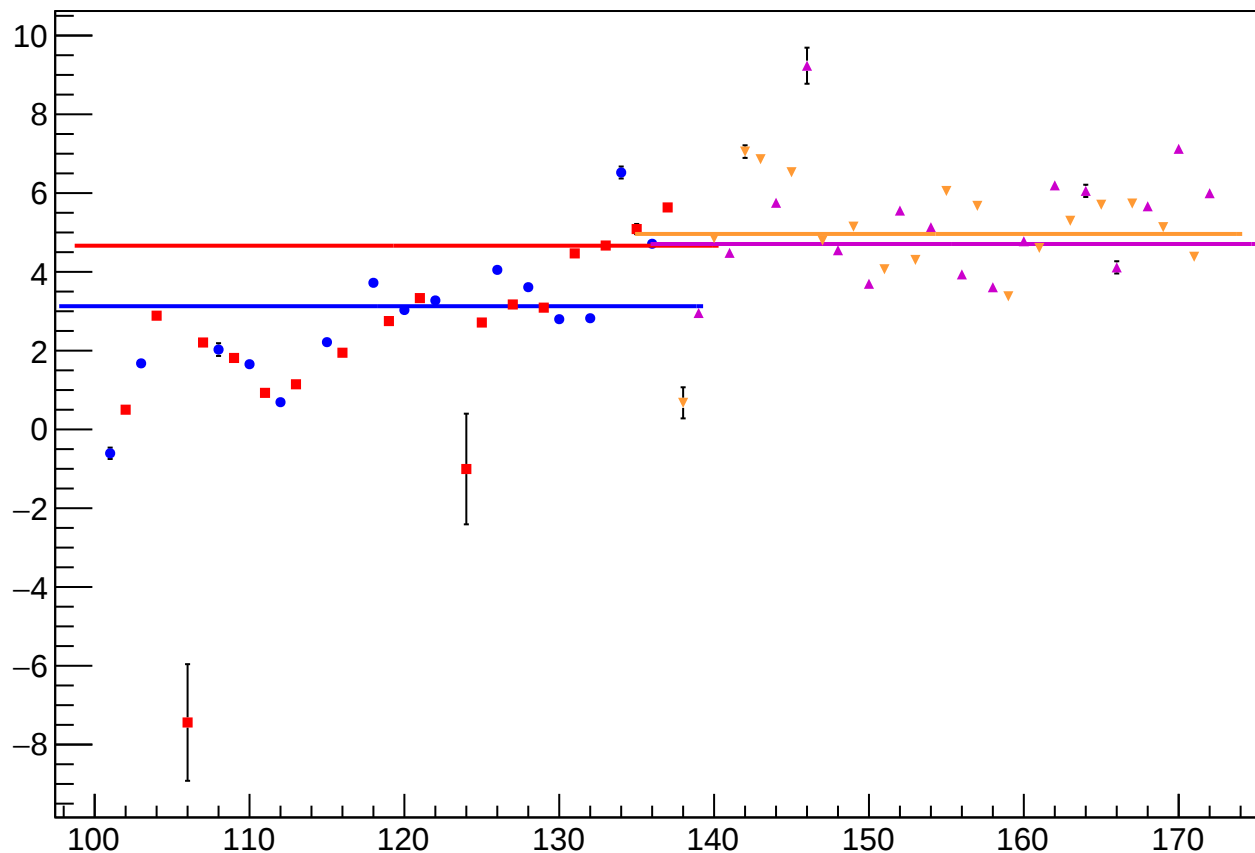
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 254.780 $\pm$ 0.027 χ^2 /NDF: 1032781.5/31

Out: 252.440 $\pm$ 0.028 χ^2 /NDF: 1612732.6/35

All: 253.642 $\pm$ 0.019 χ^2 /NDF: 2649208.0/67

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.963 ± 0.015 $\chi^2/\text{NDF}: 2400.9/17$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.708 ± 0.014 $\chi^2/\text{NDF}: 8653.0/16$

Left: 4.825 ± 0.010 $\chi^2/\text{NDF}: 11207.0/34$

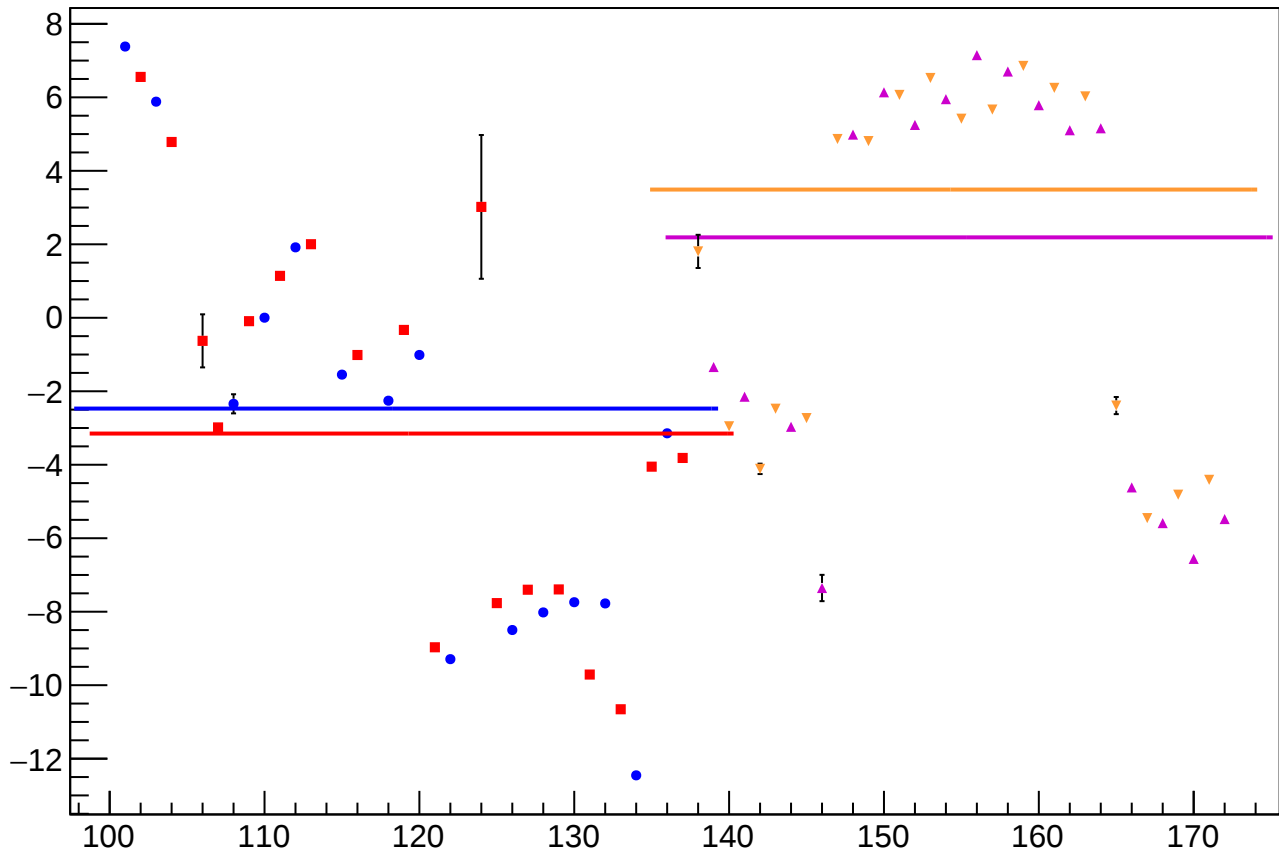
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.013 ± 0.010 $\chi^2/\text{NDF}: 19945.2/31$

Out: 4.709 ± 0.006 $\chi^2/\text{NDF}: 69592.3/35$

All: 4.542 ± 0.005 $\chi^2/\text{NDF}: 92912.2/67$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.490 ± 0.013 $\chi^2/\text{NDF}: 100763.9/17$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 2.189 ± 0.012 $\chi^2/\text{NDF}: 178898.0/16$

Left: 2.807 ± 0.009 $\chi^2/\text{NDF}: 285223.1/34$

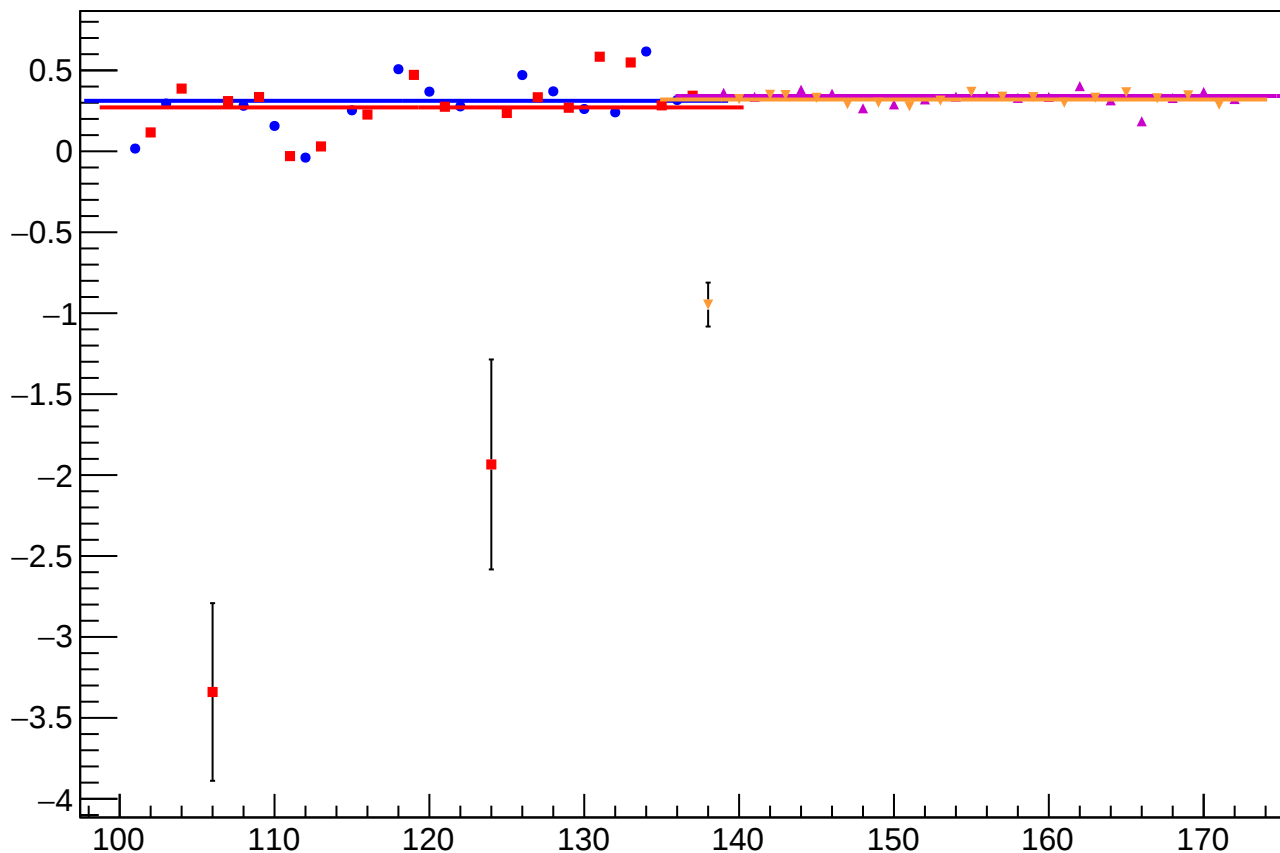
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.227 ± 0.009 $\chi^2/\text{NDF}: 484656.1/31$

Out: -1.444 ± 0.006 $\chi^2/\text{NDF}: 553343.6/35$

All: -0.895 ± 0.005 $\chi^2/\text{NDF}: 1060358.8/67$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1741.1/17$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.342 ± 0.001 $\chi^2/\text{NDF}: 3210.6/16$

Left: 0.331 ± 0.000 $\chi^2/\text{NDF}: 5607.0/34$

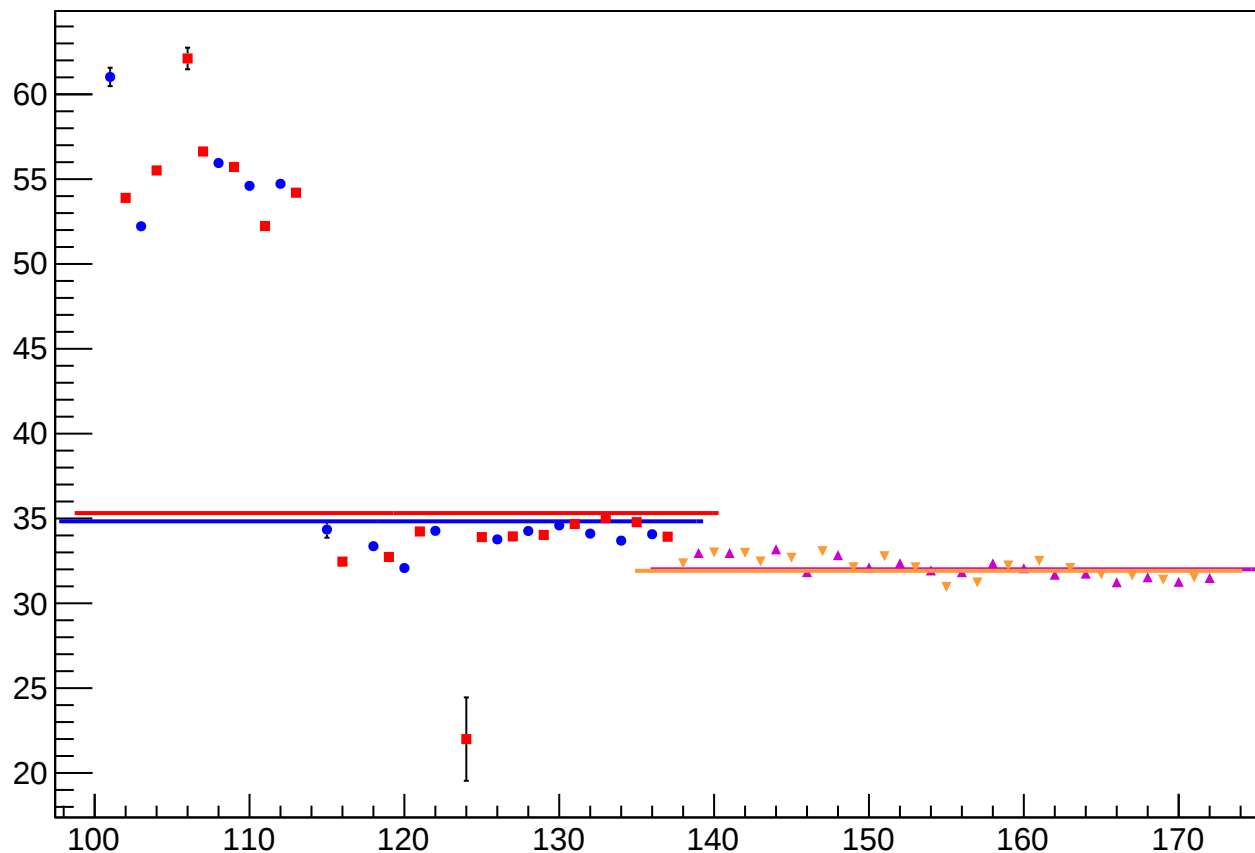
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4978.3/31$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8376.7/35$

All: 0.327 ± 0.000 $\chi^2/\text{NDF}: 14017.3/67$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.917 $\pm$ 0.003 χ^2 /NDF: 20071.3/17

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.004 $\pm$ 0.004 χ^2 /NDF: 13099.3/16

Left: 31.955 $\pm$ 0.003 χ^2 /NDF: 33462.7/34

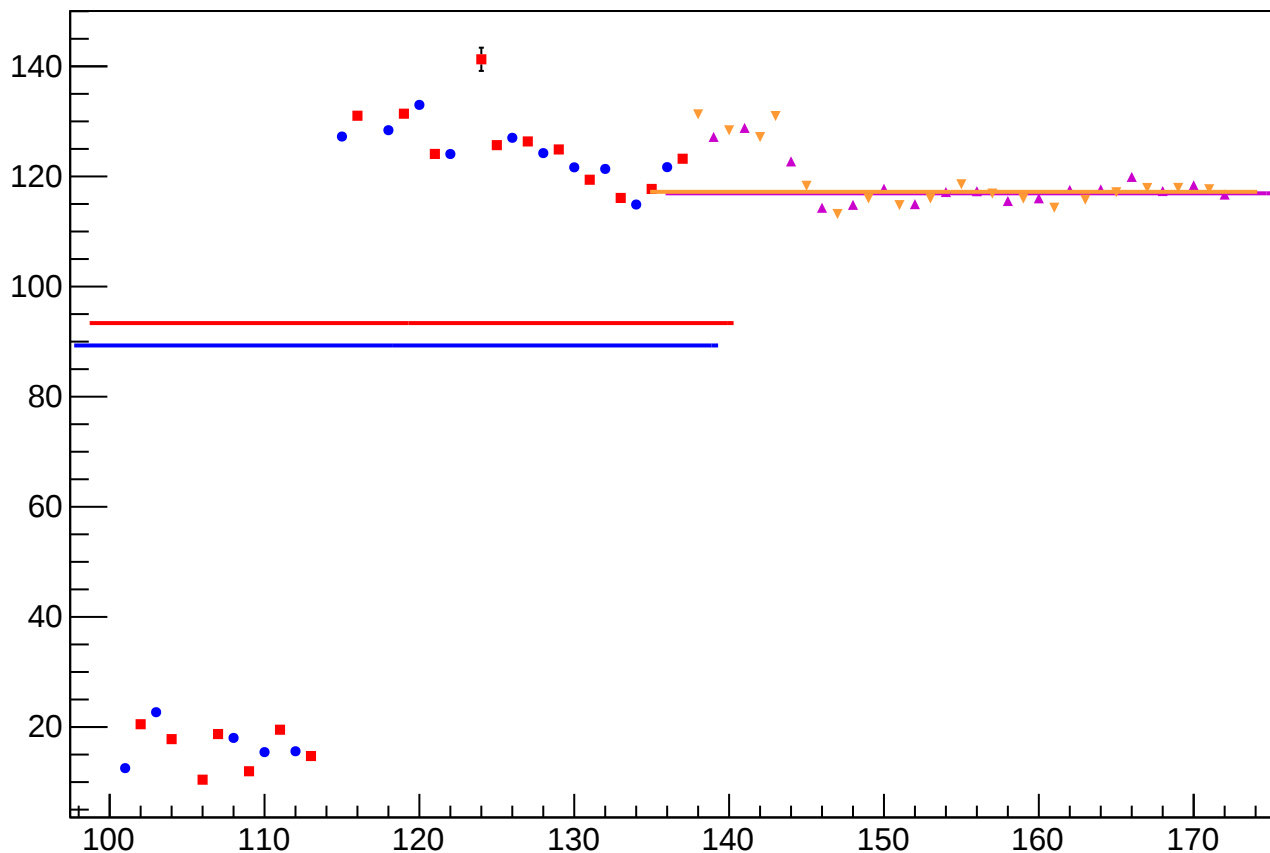
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.464 $\pm$ 0.003 χ^2 /NDF: 348757.7/31

Out: 32.268 $\pm$ 0.003 χ^2 /NDF: 386366.9/35

All: 32.358 $\pm$ 0.002 χ^2 /NDF: 736856.3/67

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.207 ± 0.008 $\chi^2/\text{NDF}: 123218.5/17$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.935 ± 0.009 $\chi^2/\text{NDF}: 43941.4/16$

Left: 117.081 ± 0.006 $\chi^2/\text{NDF}: 167666.2/34$

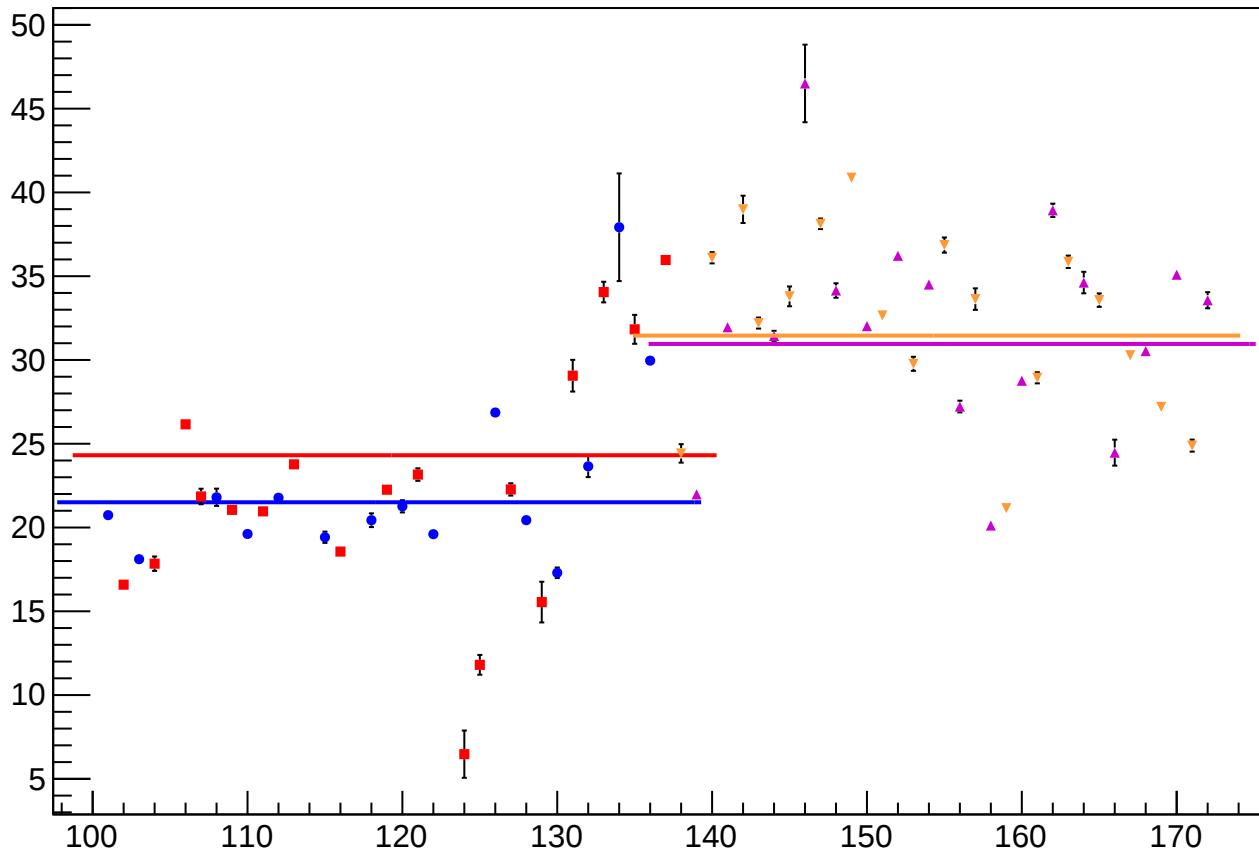
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.314 ± 0.008 $\chi^2/\text{NDF}: 3996485.9/31$

Out: 115.532 ± 0.008 $\chi^2/\text{NDF}: 3565126.5/35$

All: 114.961 ± 0.006 $\chi^2/\text{NDF}: 7572652.2/67$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.455 $\pm$ 0.080 χ^2 /NDF:4475.2/17

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 30.956 $\pm$ 0.068 χ^2 /NDF:5493.2/16

Left: 31.164 $\pm$ 0.052 χ^2 /NDF: 9991.1/34

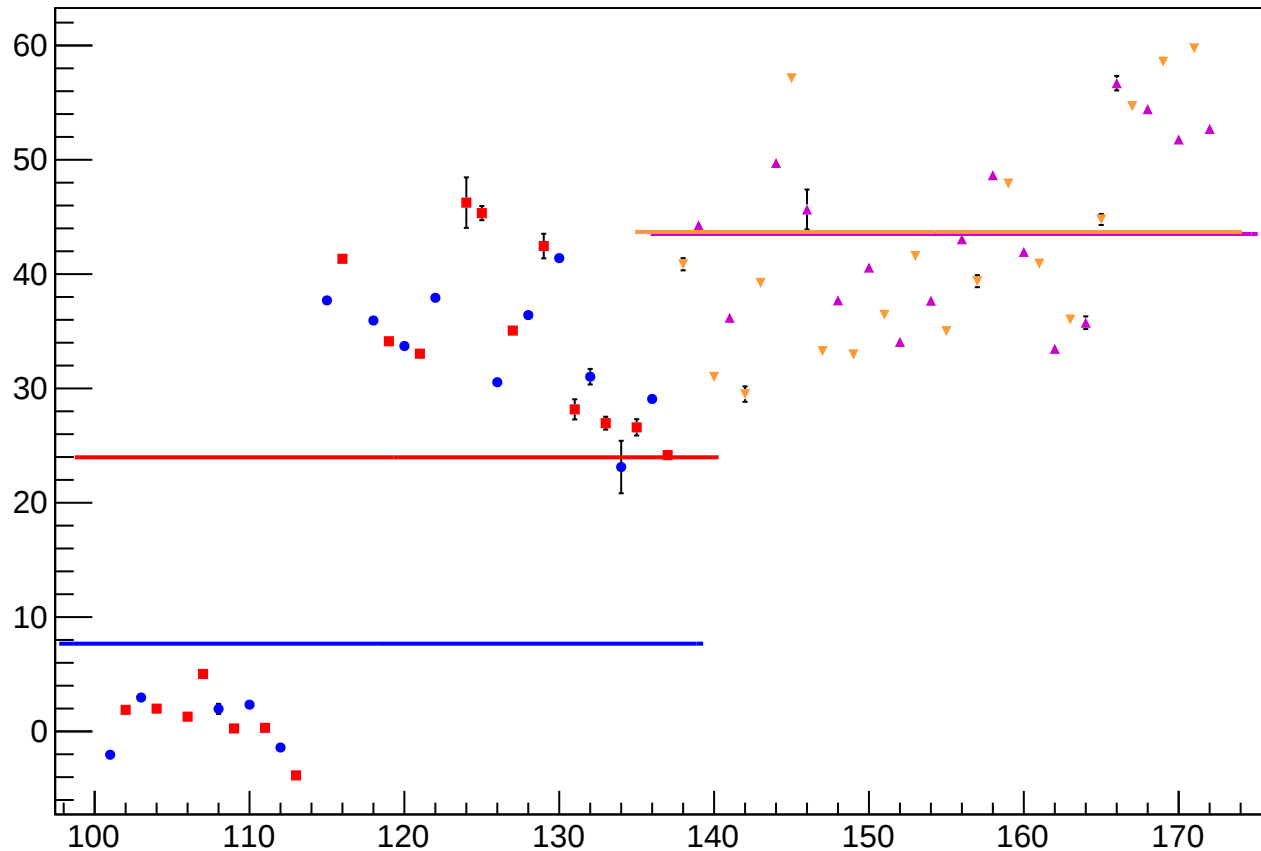
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 26.553 $\pm$ 0.049 χ^2 /NDF:17572.4/31

Out: 26.800 $\pm$ 0.047 χ^2 /NDF:23963.7/35

All: 26.682 $\pm$ 0.034 χ^2 /NDF: 41549.2/67

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 43.691 ± 0.067 $\chi^2/\text{NDF}: 20763.9/17$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 43.512 ± 0.056 $\chi^2/\text{NDF}: 13022.7/16$

Left: 43.587 ± 0.043 $\chi^2/\text{NDF}: 33790.9/34$

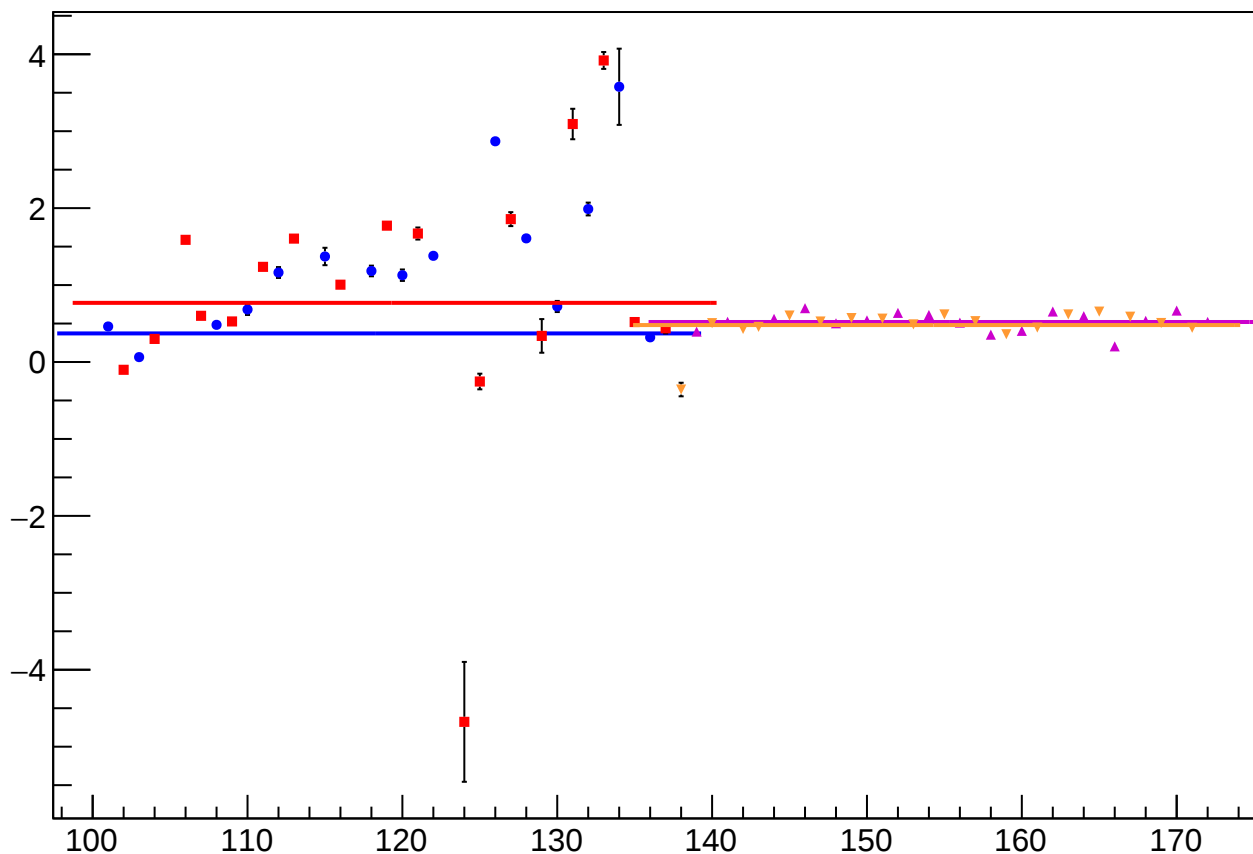
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 21.682 ± 0.035 $\chi^2/\text{NDF}: 354787.9/31$

Out: 24.271 ± 0.008 $\chi^2/\text{NDF}: 217814.4/35$

All: 24.141 ± 0.008 $\chi^2/\text{NDF}: 577707.5/67$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.480 ± 0.001 $\chi^2/\text{NDF}: 6556.8/17$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.520 ± 0.001 $\chi^2/\text{NDF}: 10506.9/16$

Left: 0.501 ± 0.001 $\chi^2/\text{NDF}: 17721.3/34$

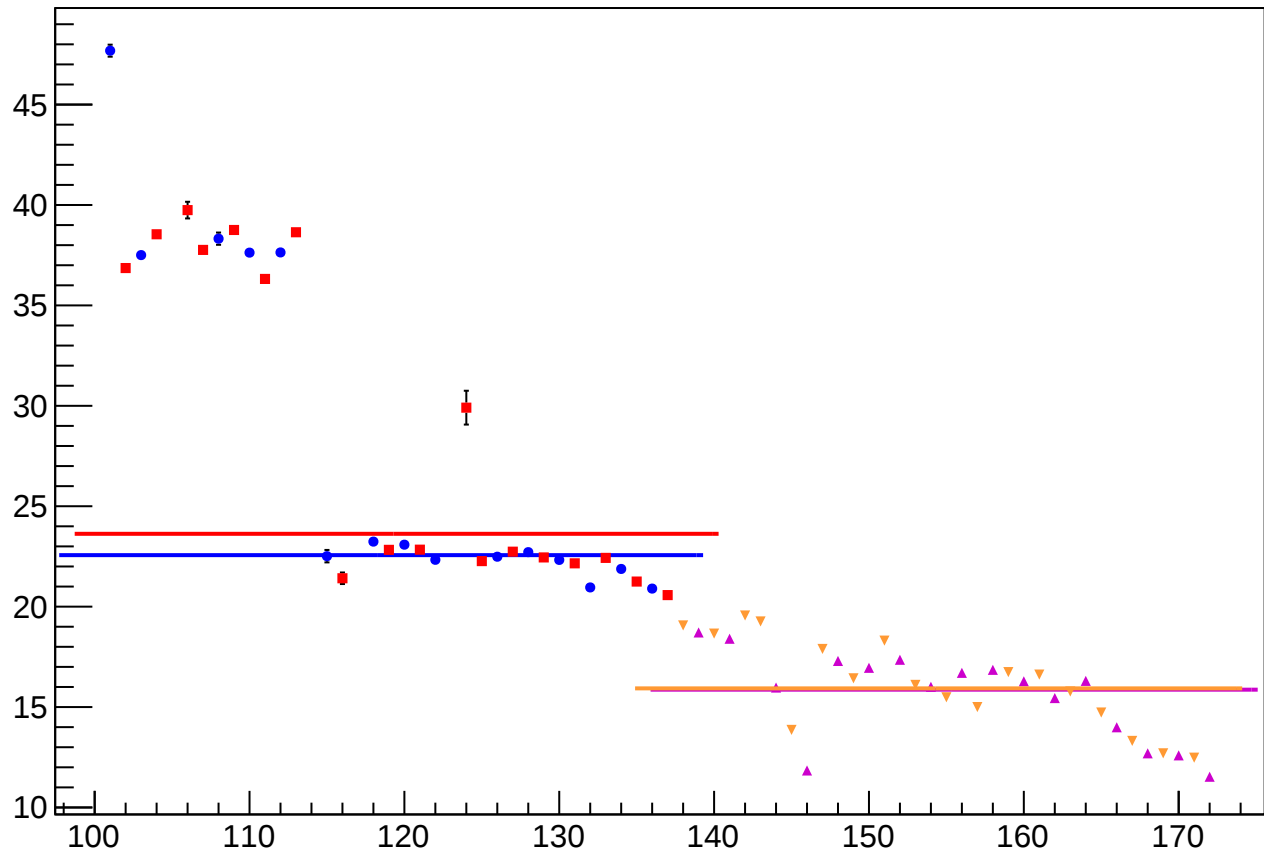
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.512 ± 0.001 $\chi^2/\text{NDF}: 16349.9/31$

Out: 0.488 ± 0.001 $\chi^2/\text{NDF}: 12381.4/35$

All: 0.501 ± 0.001 $\chi^2/\text{NDF}: 28980.1/67$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 15.930 ± 0.006 $\chi^2/\text{NDF}: 147315.2/17$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 15.866 ± 0.007 $\chi^2/\text{NDF}: 78310.7/16$

Left: 15.902 ± 0.005 $\chi^2/\text{NDF}: 225675.2/34$

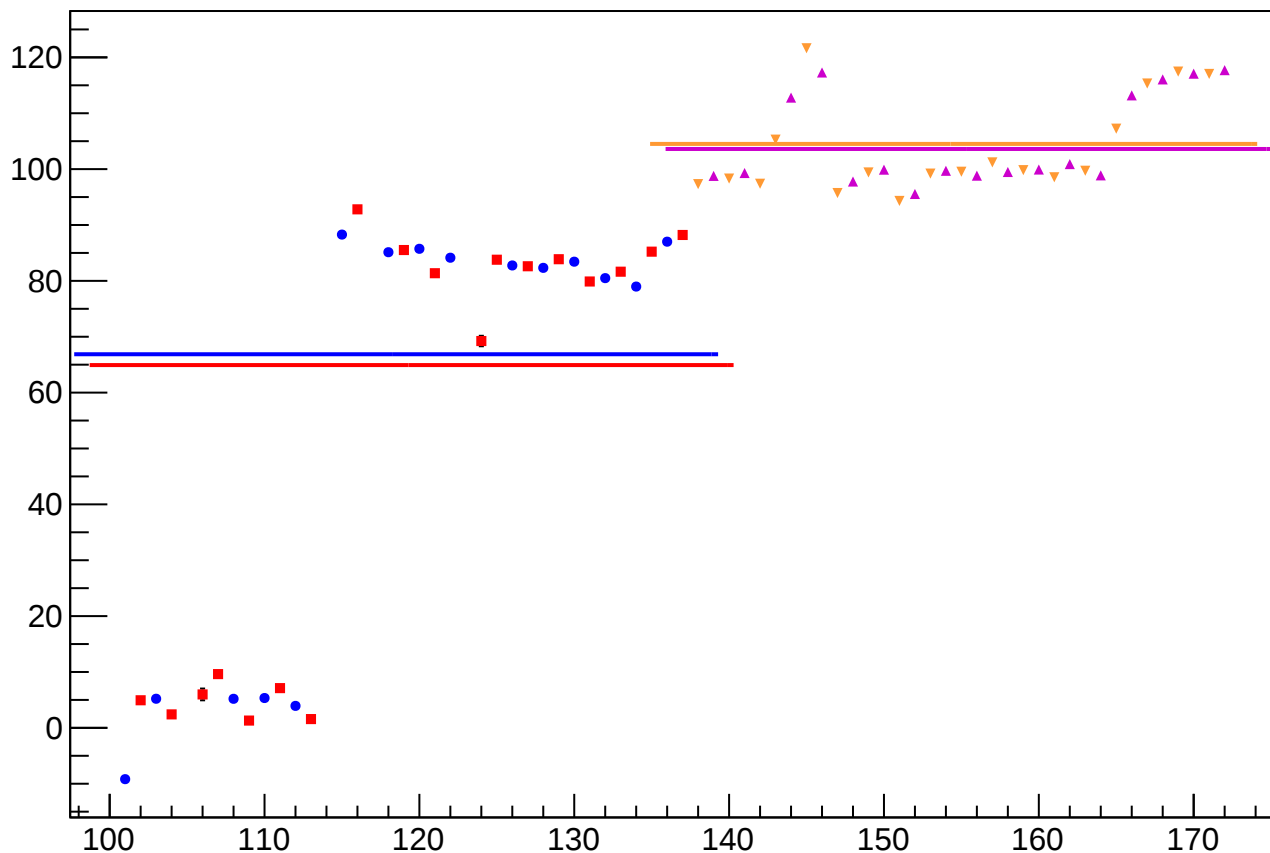
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 17.979 ± 0.006 $\chi^2/\text{NDF}: 467983.3/31$

Out: 17.681 ± 0.005 $\chi^2/\text{NDF}: 633952.4/35$

All: 17.820 ± 0.004 $\chi^2/\text{NDF}: 1103390.0/67$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866±/0.027 χ^2/NDF : 1494212.3/14

Left Out: 104.512±/0.011 χ^2/NDF : 549420.3/17

Right Out: 64.929±/0.030 χ^2/NDF : 1334580.7/17

Left In: 103.604±/0.011 χ^2/NDF : 445486.9/16

Left: 104.060±/0.008 χ^2/NDF : 998072.6/34

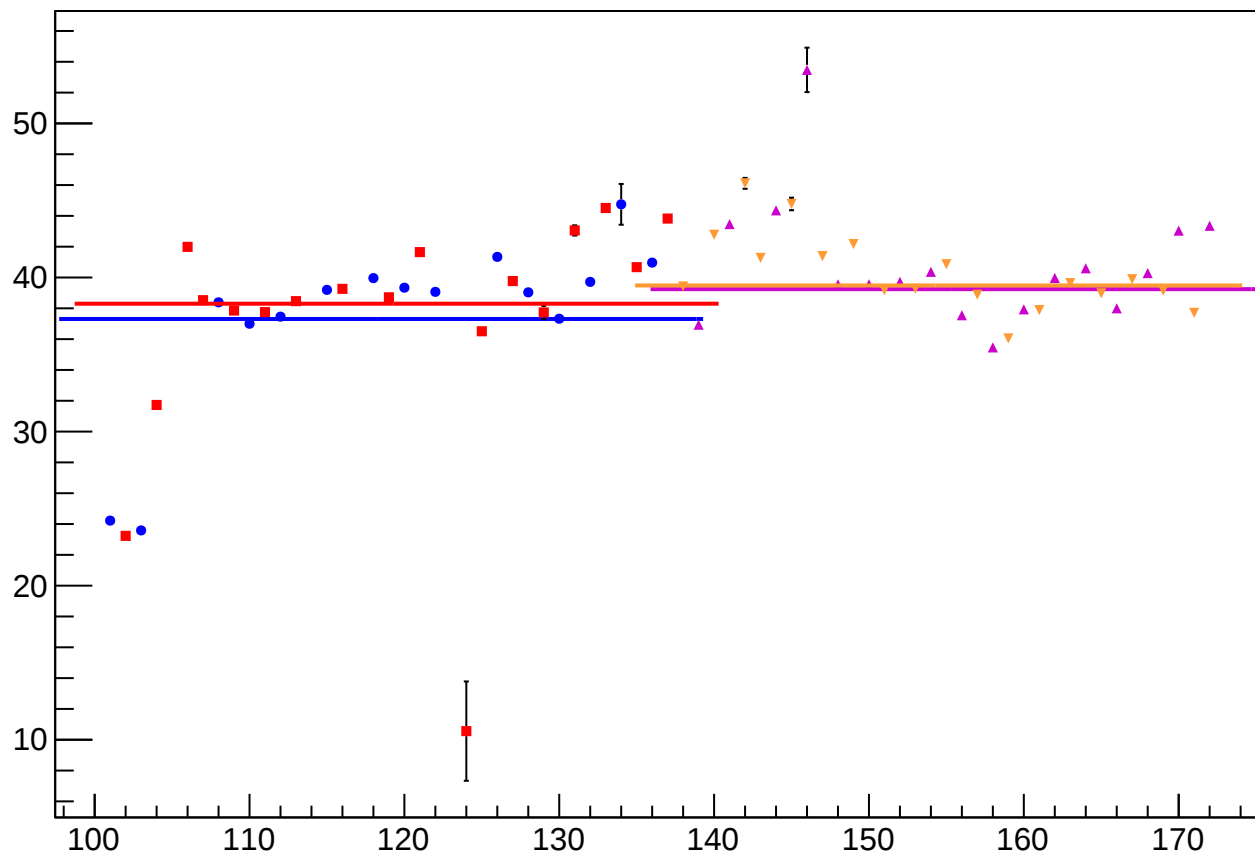
Right: 65.988±/0.020 χ^2/NDF : 2831116.5/32

In: 98.045±/0.011 χ^2/NDF : 3503964.2/31

Out: 99.452±/0.011 χ^2/NDF : 3430262.9/35

All: 98.741±/0.007 χ^2/NDF : 6943071.3/67

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.484 ± 0.032 $\chi^2/\text{NDF}: 4024.2/17$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.244 ± 0.026 $\chi^2/\text{NDF}: 7433.6/16$

Left: 39.339 ± 0.020 $\chi^2/\text{NDF}: 11490.8/34$

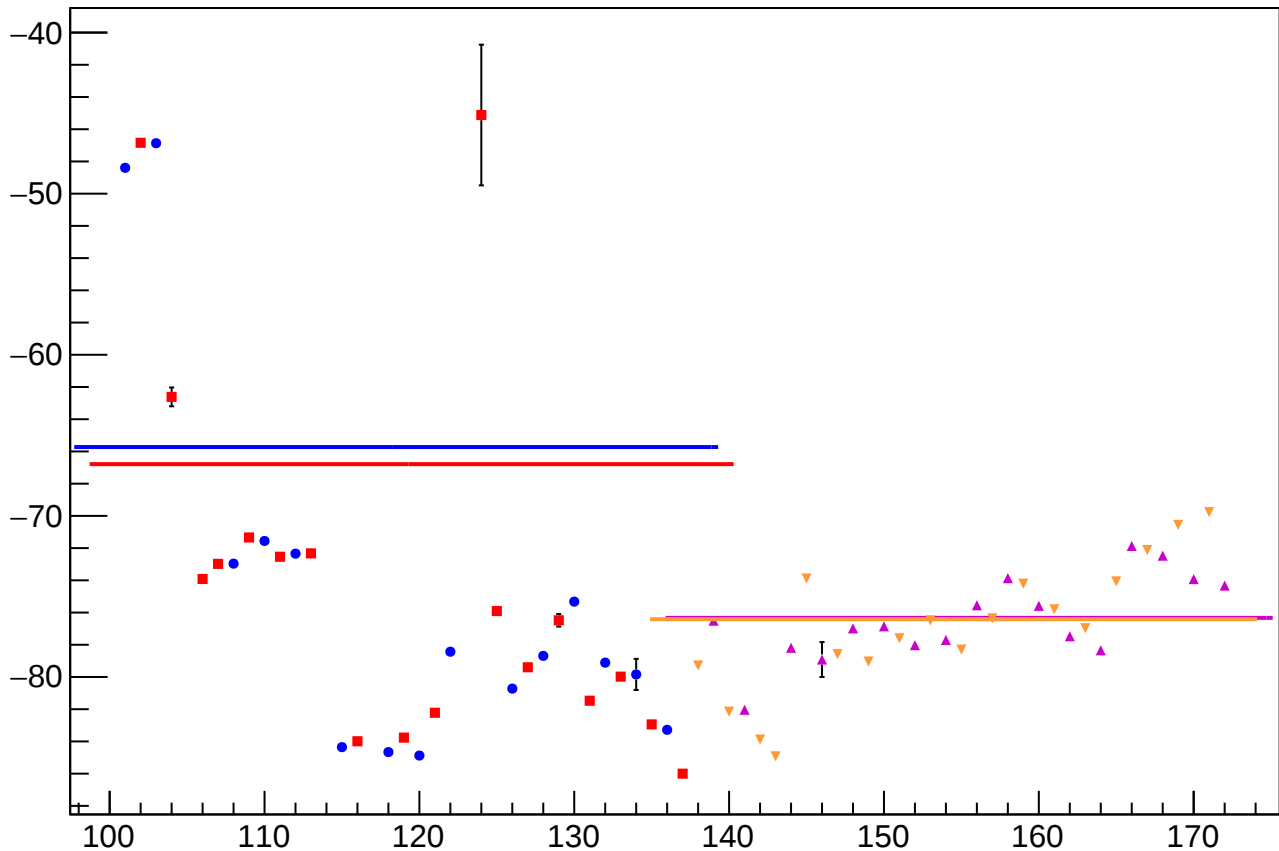
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.154 ± 0.017 $\chi^2/\text{NDF}: 70088.8/31$

Out: 38.638 ± 0.017 $\chi^2/\text{NDF}: 23815.3/35$

All: 38.396 ± 0.012 $\chi^2/\text{NDF}: 94294.1/67$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -76.414 ± 0.027 $\chi^2/\text{NDF}: 21593.2/17$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.330 ± 0.021 $\chi^2/\text{NDF}: 8545.9/16$

Left: -76.362 ± 0.017 $\chi^2/\text{NDF}: 30145.3/34$

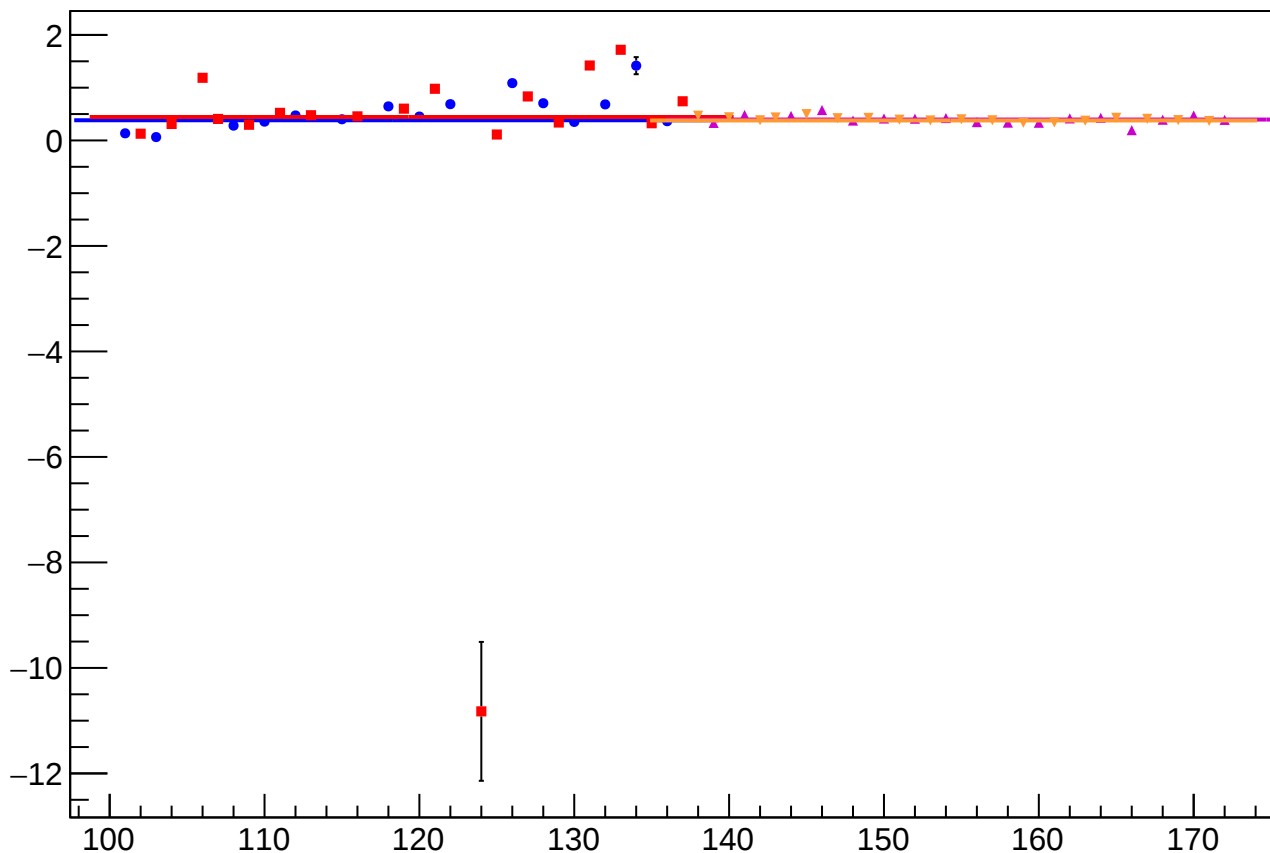
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.860 ± 0.013 $\chi^2/\text{NDF}: 1065916.4/31$

Out: -69.274 ± 0.014 $\chi^2/\text{NDF}: 926743.0/35$

All: -69.577 ± 0.009 $\chi^2/\text{NDF}: 1993615.3/67$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.378 $\pm$ 0.001 χ^2 /NDF: 5865.4/17

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 7329.2/16

Left: 0.387 $\pm$ 0.000 χ^2 /NDF: 13780.0/34

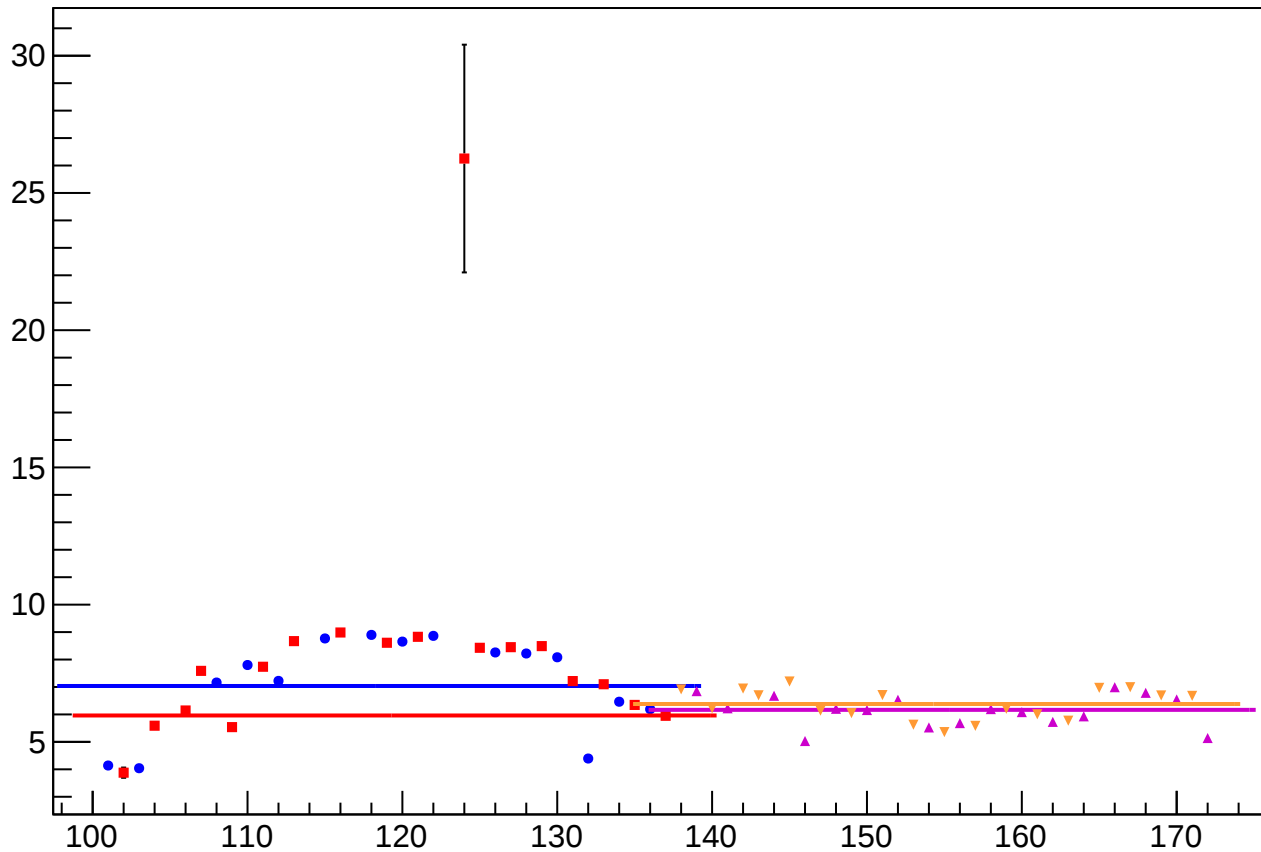
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.000 χ^2 /NDF: 15548.8/31

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8967.0/35

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 24986.8/67

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.380+/-0.002 χ^2/NDF : 60854.3/17

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.167+/-0.002 χ^2/NDF : 45220.8/16

Left: 6.269+/-0.001 χ^2/NDF : 114700.8/34

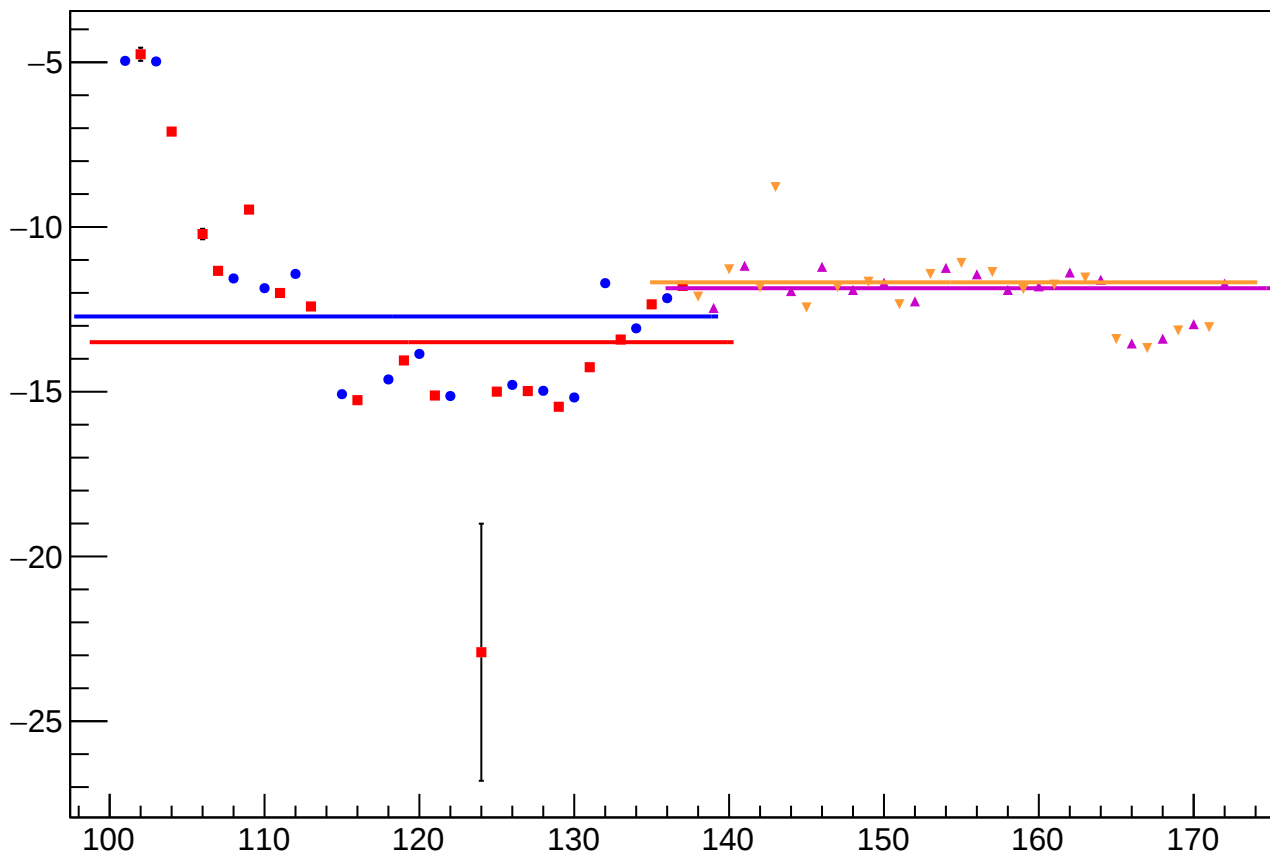
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.263+/-0.002 χ^2/NDF : 148025.4/31

Out: 5.986+/-0.000 χ^2/NDF : 289364.6/35

All: 6.004+/-0.000 χ^2/NDF : 469123.9/67

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.679 ± 0.002 $\chi^2/\text{NDF}: 333120.2/17$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.858 ± 0.002 $\chi^2/\text{NDF}: 53606.1/16$

Left: -11.769 ± 0.002 $\chi^2/\text{NDF}: 389932.4/34$

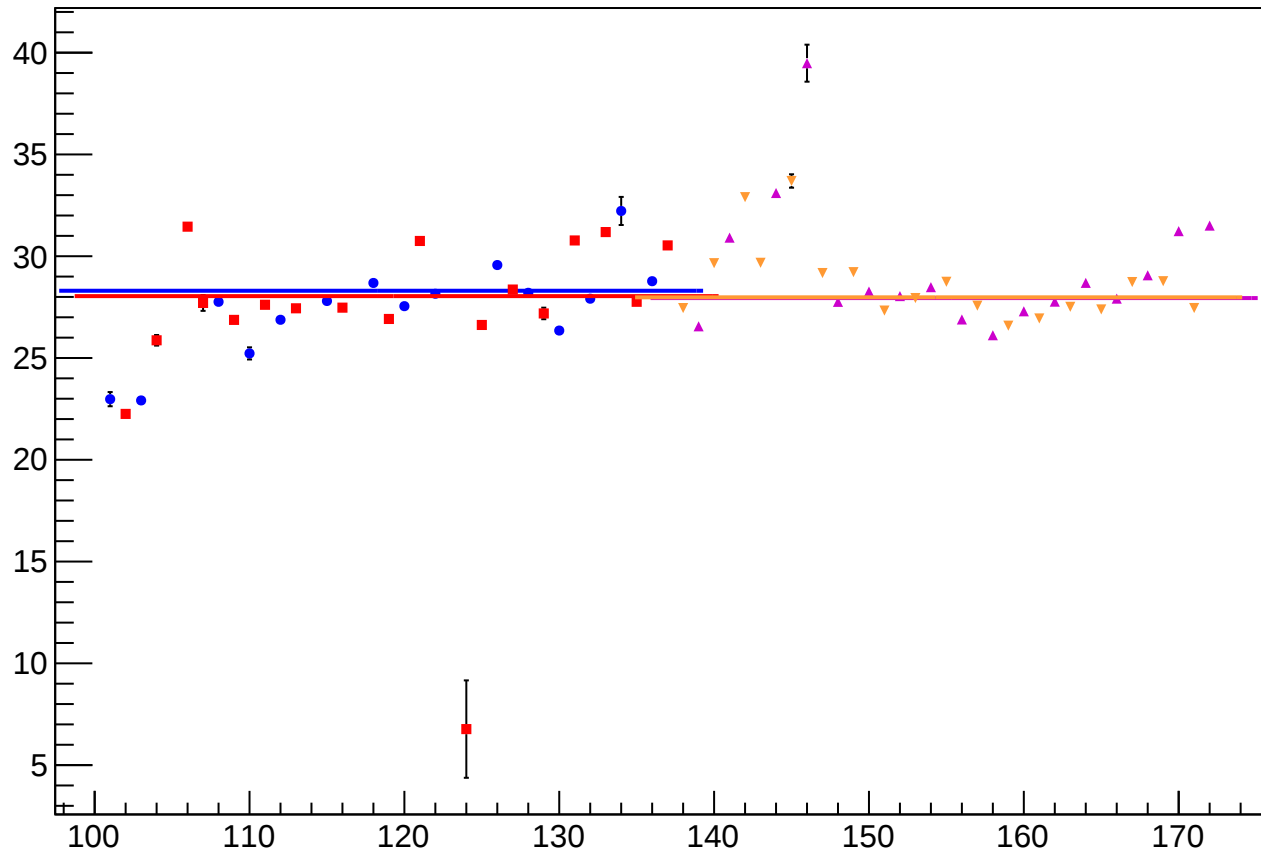
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.951 ± 0.002 $\chi^2/\text{NDF}: 154929.0/31$

Out: -11.916 ± 0.002 $\chi^2/\text{NDF}: 473897.7/35$

All: -11.933 ± 0.001 $\chi^2/\text{NDF}: 628970.1/67$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.980 ± 0.020 $\chi^2/\text{NDF}: 3767.3/17$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.944 ± 0.016 $\chi^2/\text{NDF}: 7320.8/16$

Left: 27.959 ± 0.012 $\chi^2/\text{NDF}: 11090.2/34$

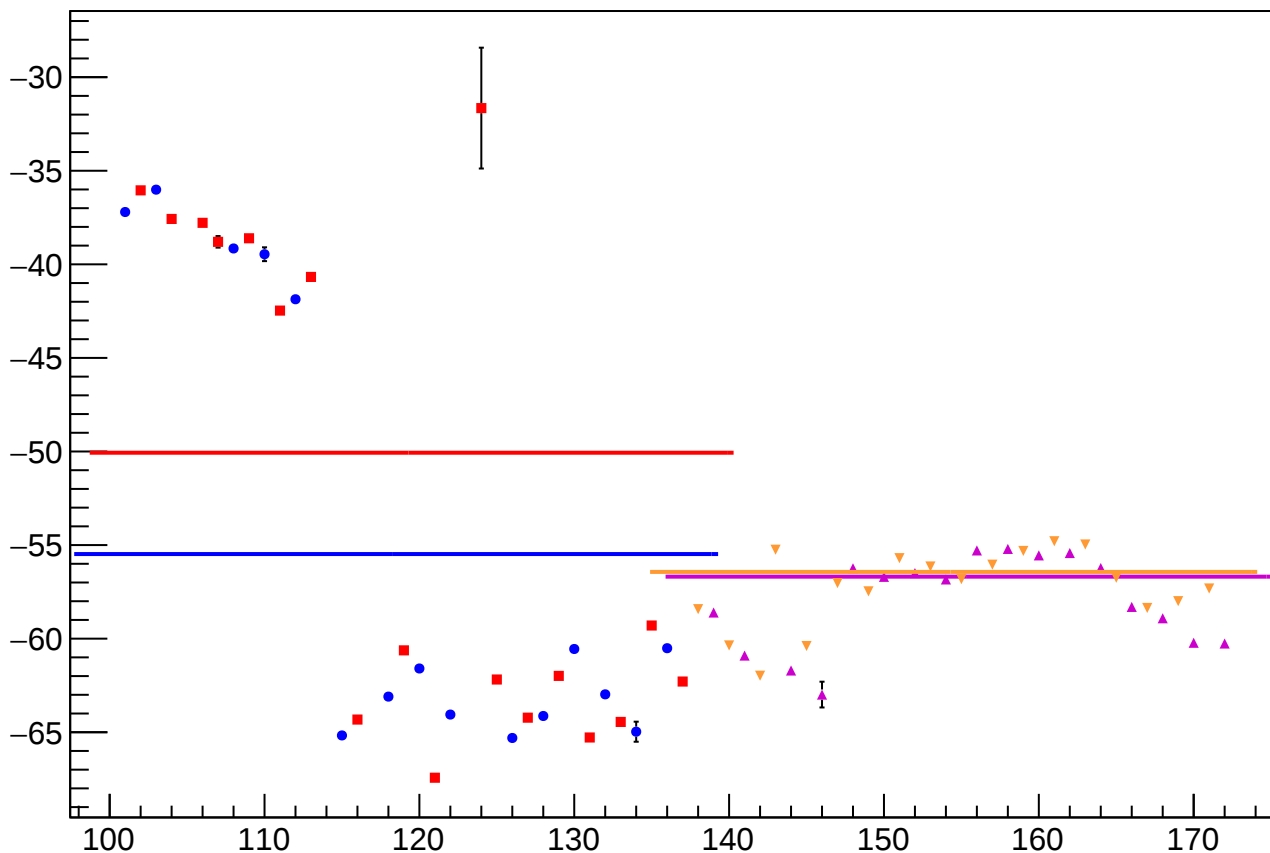
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.062 ± 0.013 $\chi^2/\text{NDF}: 10884.6/31$

Out: 27.998 ± 0.016 $\chi^2/\text{NDF}: 6331.4/35$

All: 28.037 ± 0.010 $\chi^2/\text{NDF}: 17225.2/67$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.433 ± 0.016 $\chi^2/\text{NDF}: 8489.6/17$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.688 ± 0.014 $\chi^2/\text{NDF}: 12839.2/16$

Left: -56.584 ± 0.010 $\chi^2/\text{NDF}: 21470.8/34$

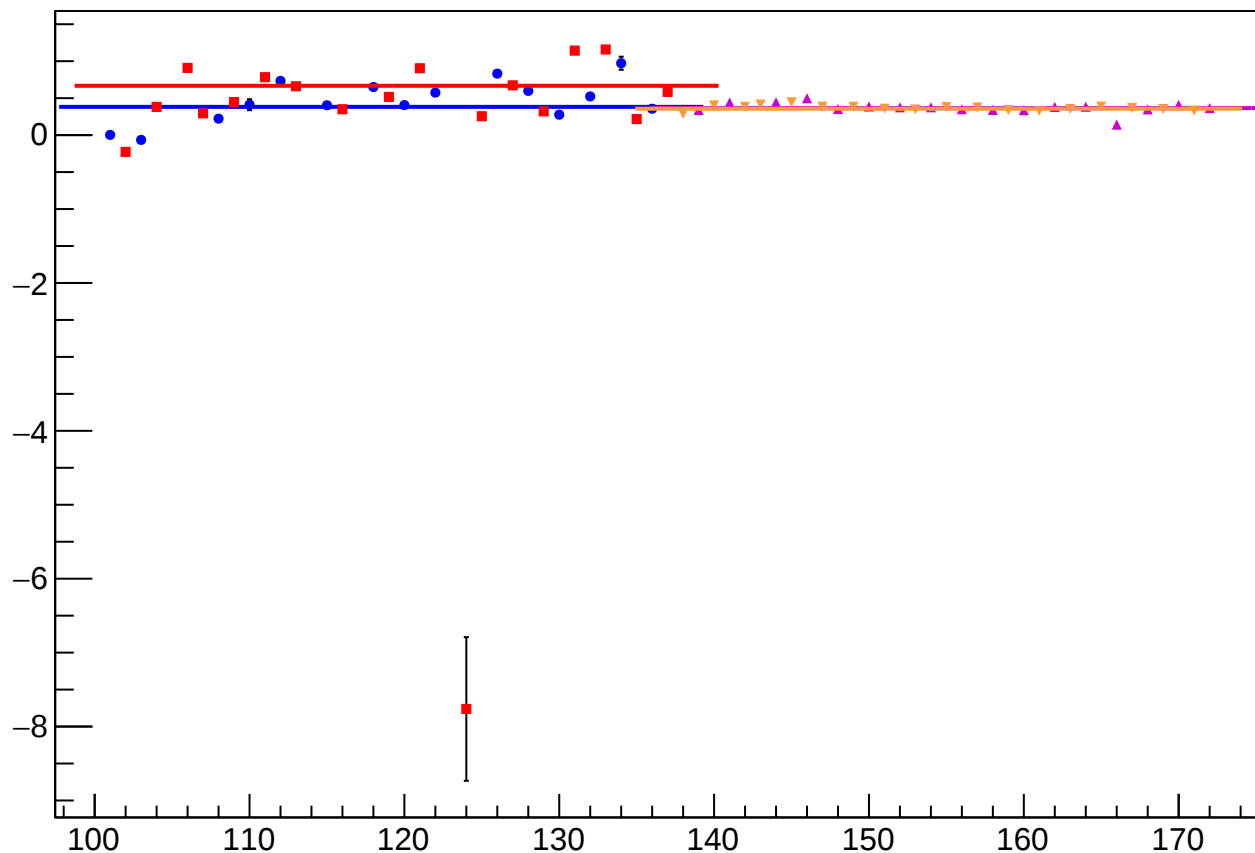
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.202 ± 0.011 $\chi^2/\text{NDF}: 611156.9/31$

Out: -54.295 ± 0.013 $\chi^2/\text{NDF}: 398960.2/35$

All: -55.476 ± 0.008 $\chi^2/\text{NDF}: 1022648.0/67$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.357 $\pm$ 0.000 χ^2 /NDF:4624.0/17

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.365 $\pm$ 0.000 χ^2 /NDF:5637.4/16

Left: 0.361 $\pm$ 0.000 χ^2 /NDF: 10495.4/34

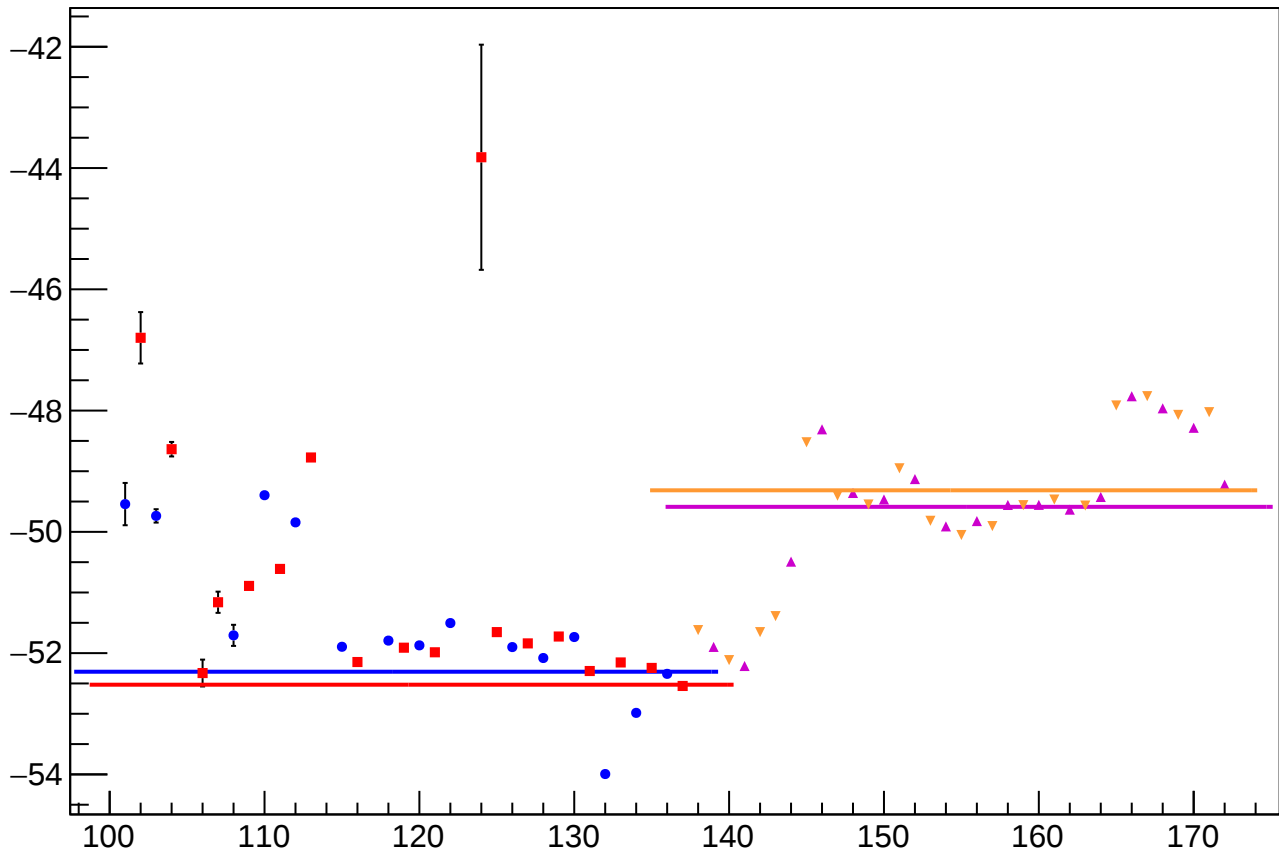
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.366 $\pm$ 0.000 χ^2 /NDF:10341.3/31

Out: 0.359 $\pm$ 0.000 χ^2 /NDF:12834.4/35

All: 0.363 $\pm$ 0.000 χ^2 /NDF: 23351.6/67

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: 499872.6/17

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.587 $\pm$ 0.001 χ^2 /NDF: 387228.6/16

Left: -49.448 $\pm$ 0.001 χ^2 /NDF: 904363.3/34

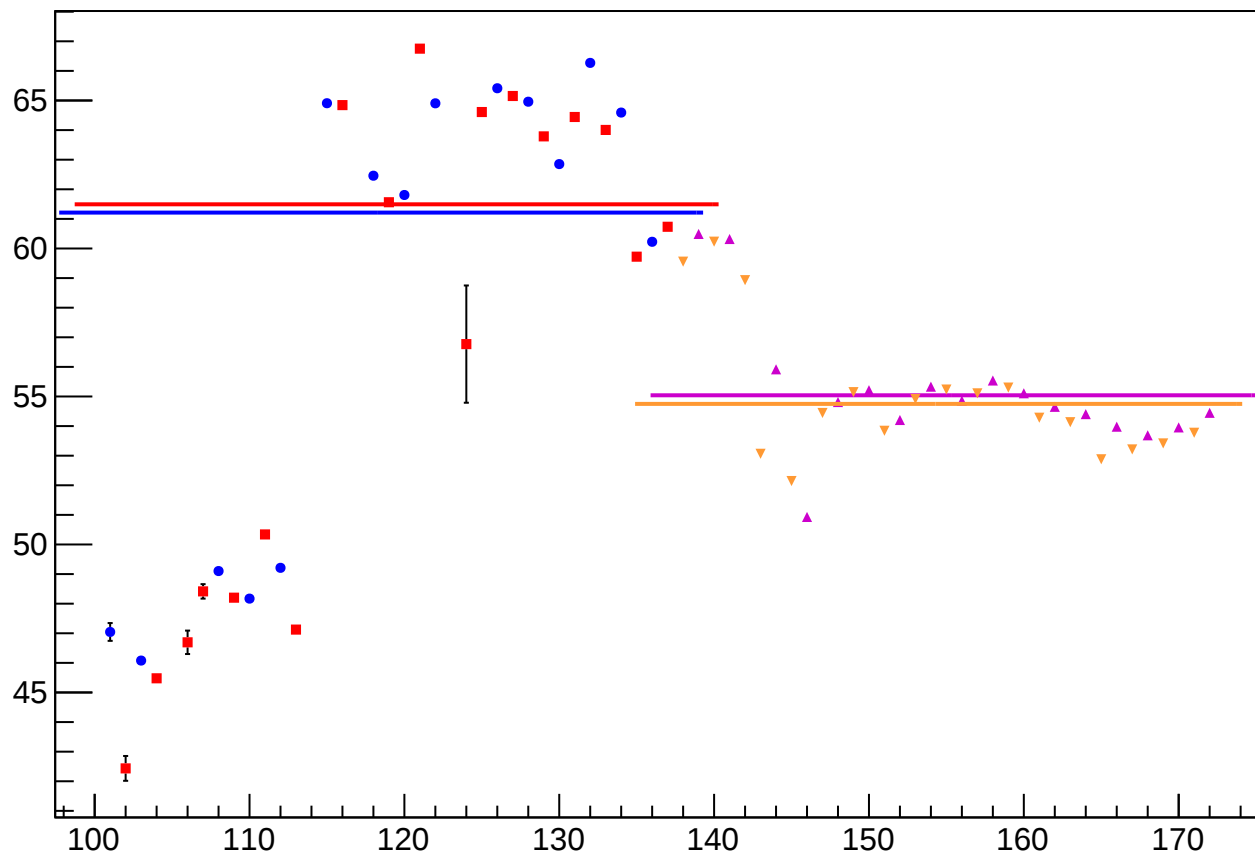
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.933 $\pm$ 0.001 χ^2 /NDF: 841214.9/31

Out: -51.347 $\pm$ 0.001 χ^2 /NDF: 3607263.0/35

All: -50.941 $\pm$ 0.001 χ^2 /NDF: 5191893.1/67

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.750 $\pm$ 0.003 χ^2 /NDF: 247913.3/17

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.041 $\pm$ 0.003 χ^2 /NDF: 78071.6/16

Left: 54.910 $\pm$ 0.002 χ^2 /NDF: 330466.5/34

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.529 $\pm$ 0.003 χ^2 /NDF: 590683.1/31

Out: 56.015 $\pm$ 0.003 χ^2 /NDF: 1310123.3/35

All: 55.762 $\pm$ 0.002 χ^2 /NDF: 1915333.3/67

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

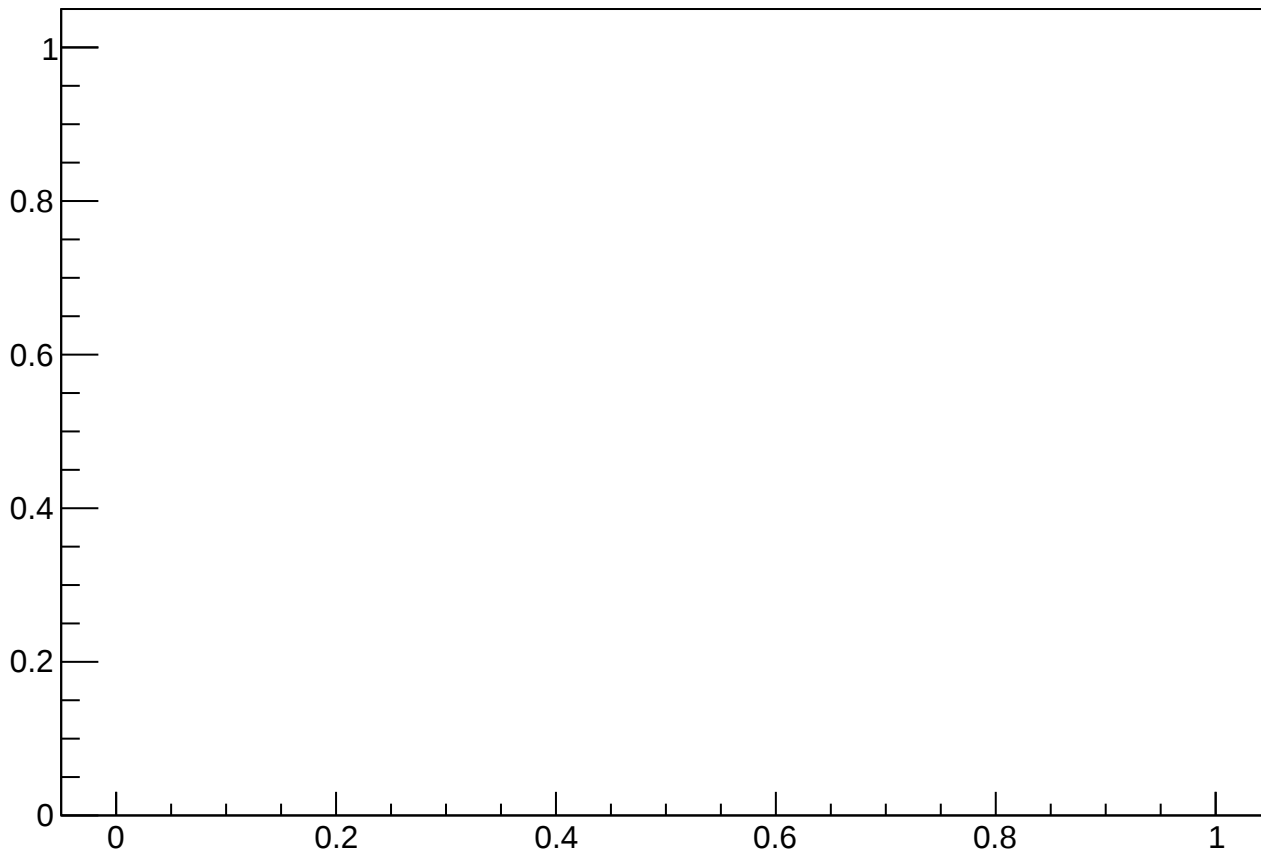
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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_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

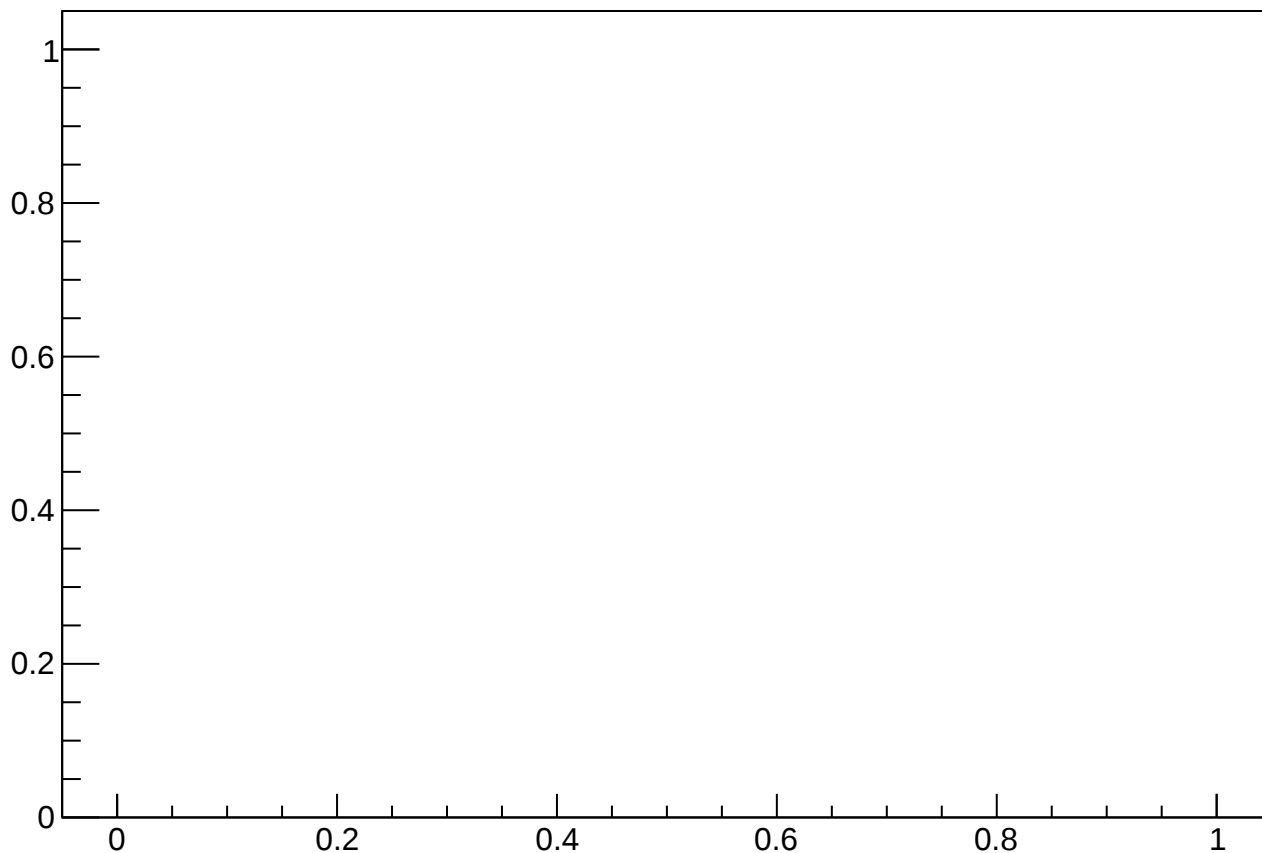
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

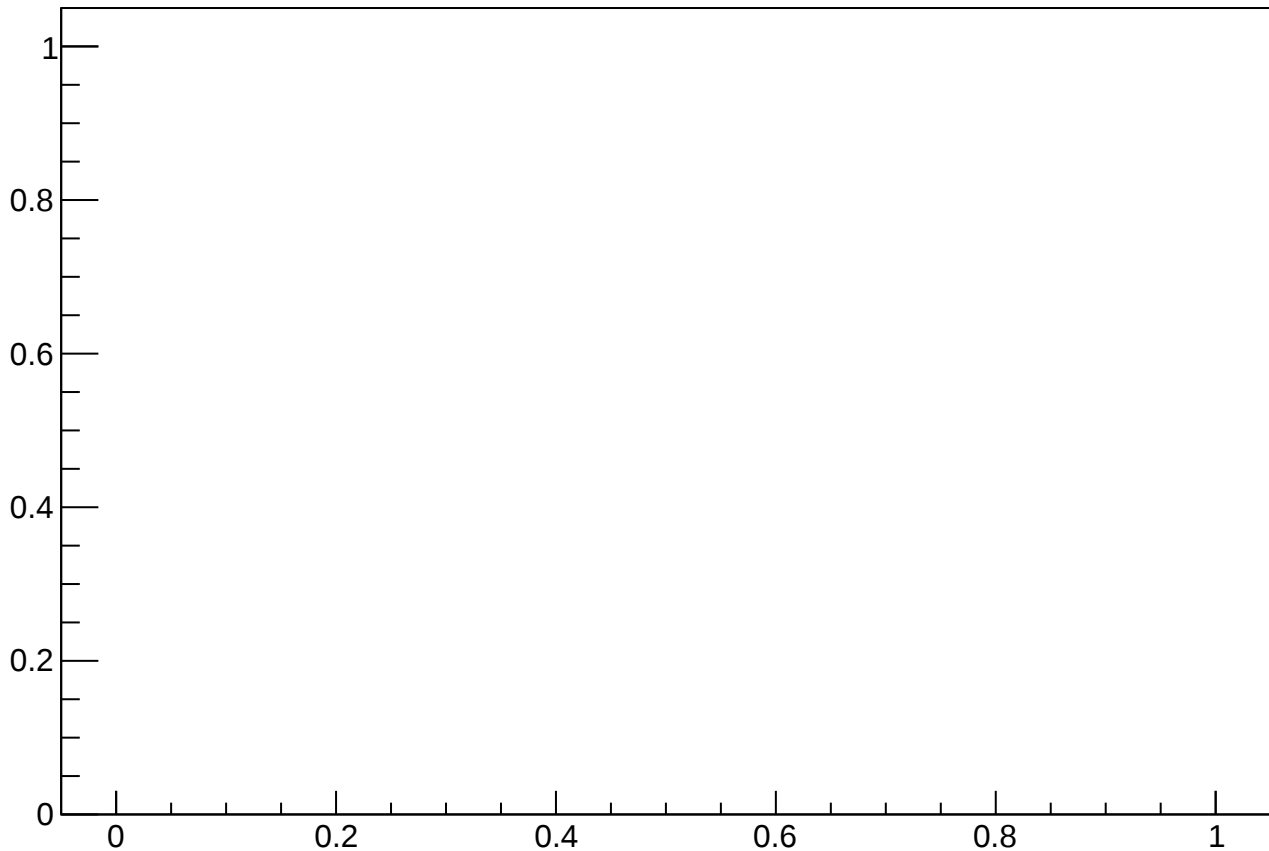
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

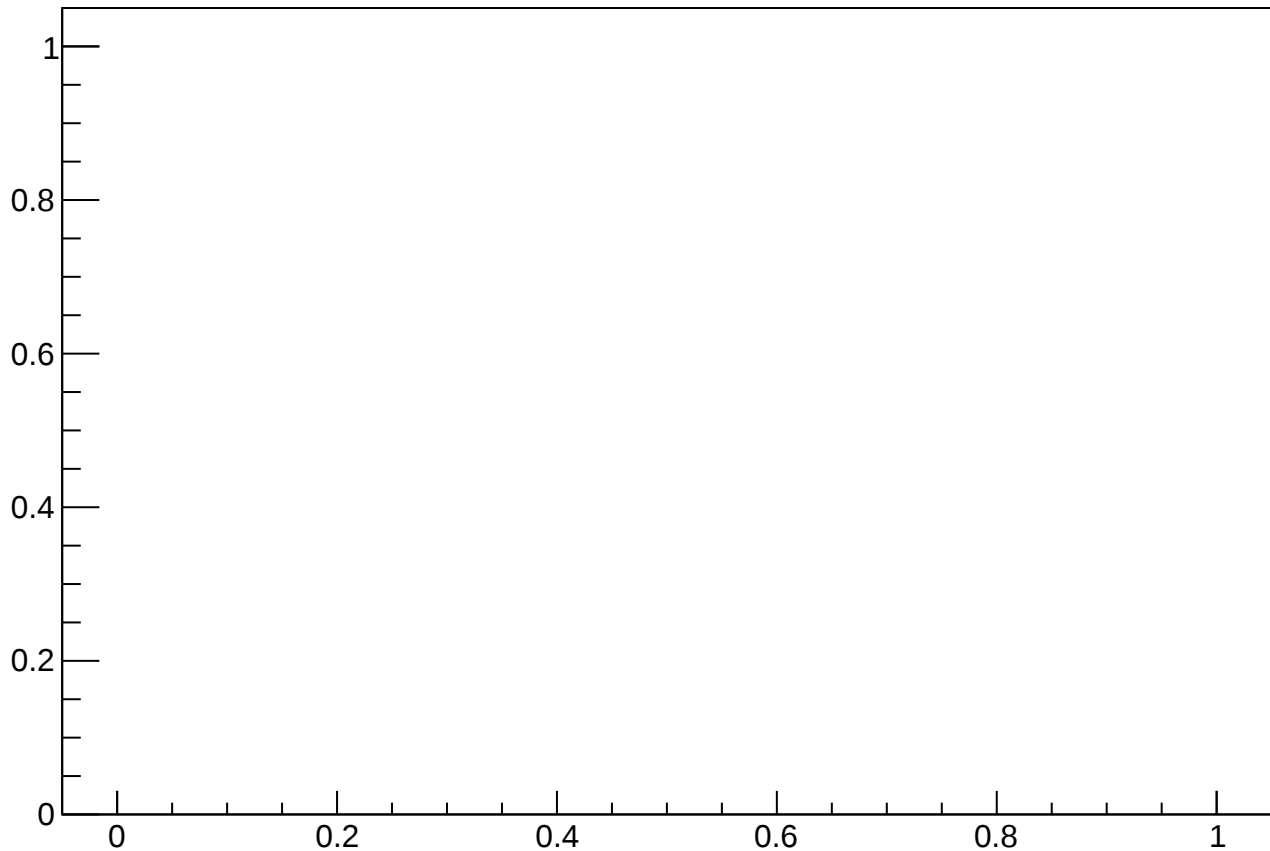
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

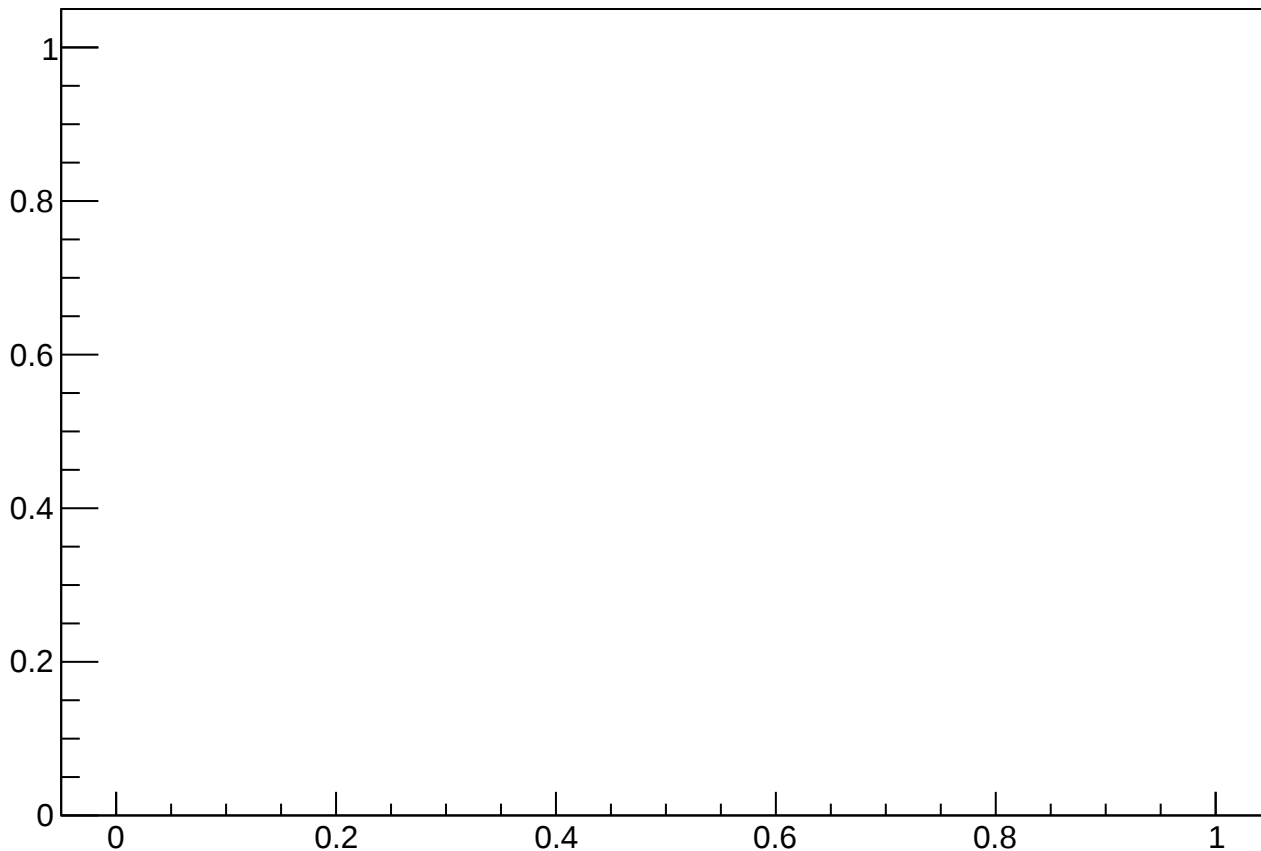
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

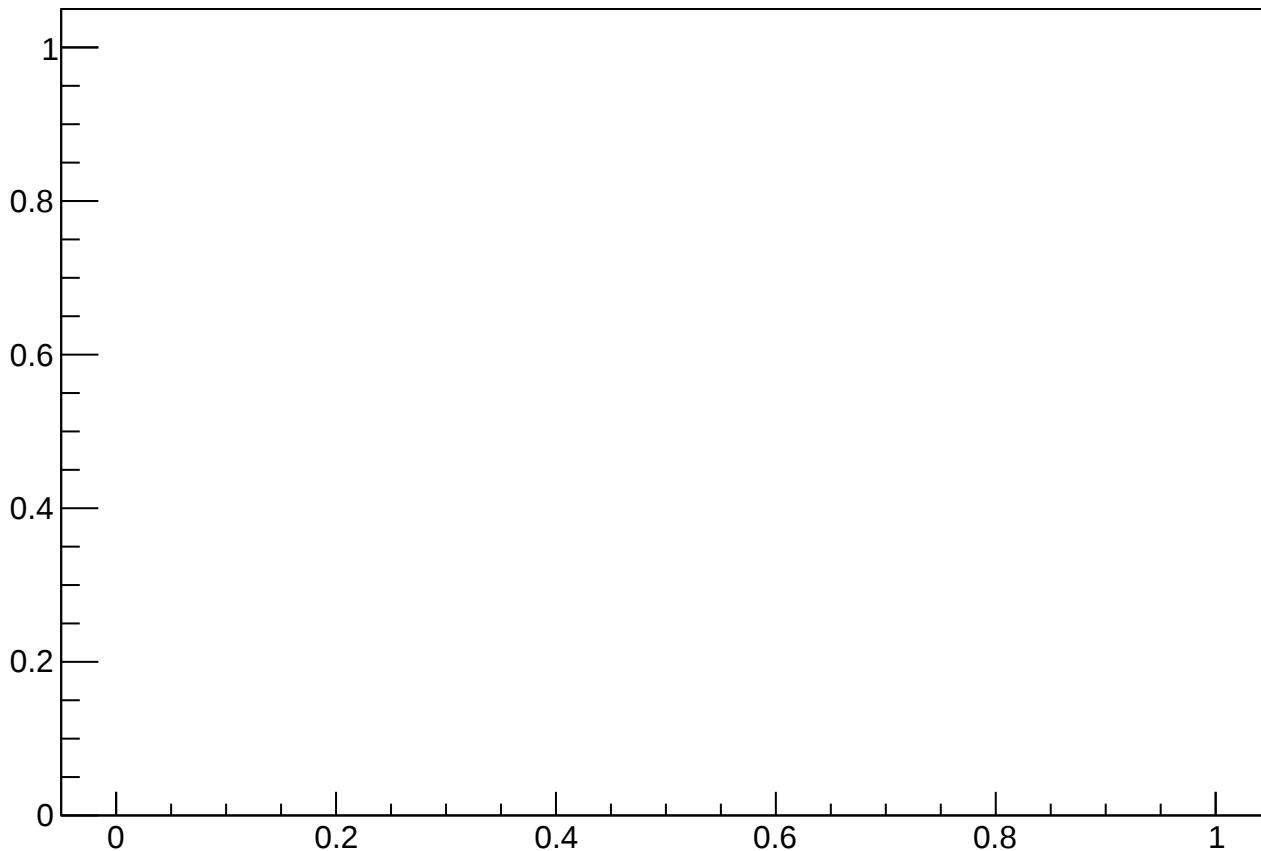
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

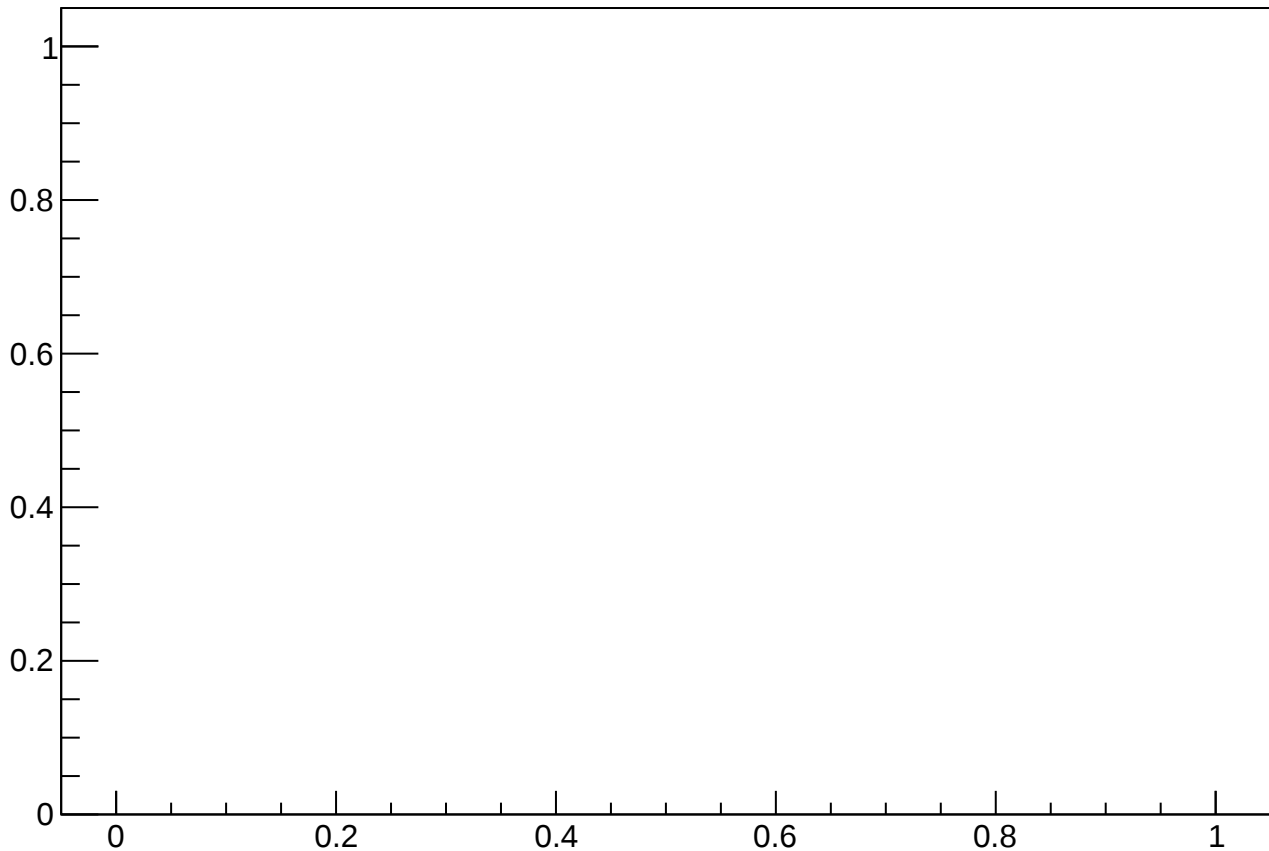
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

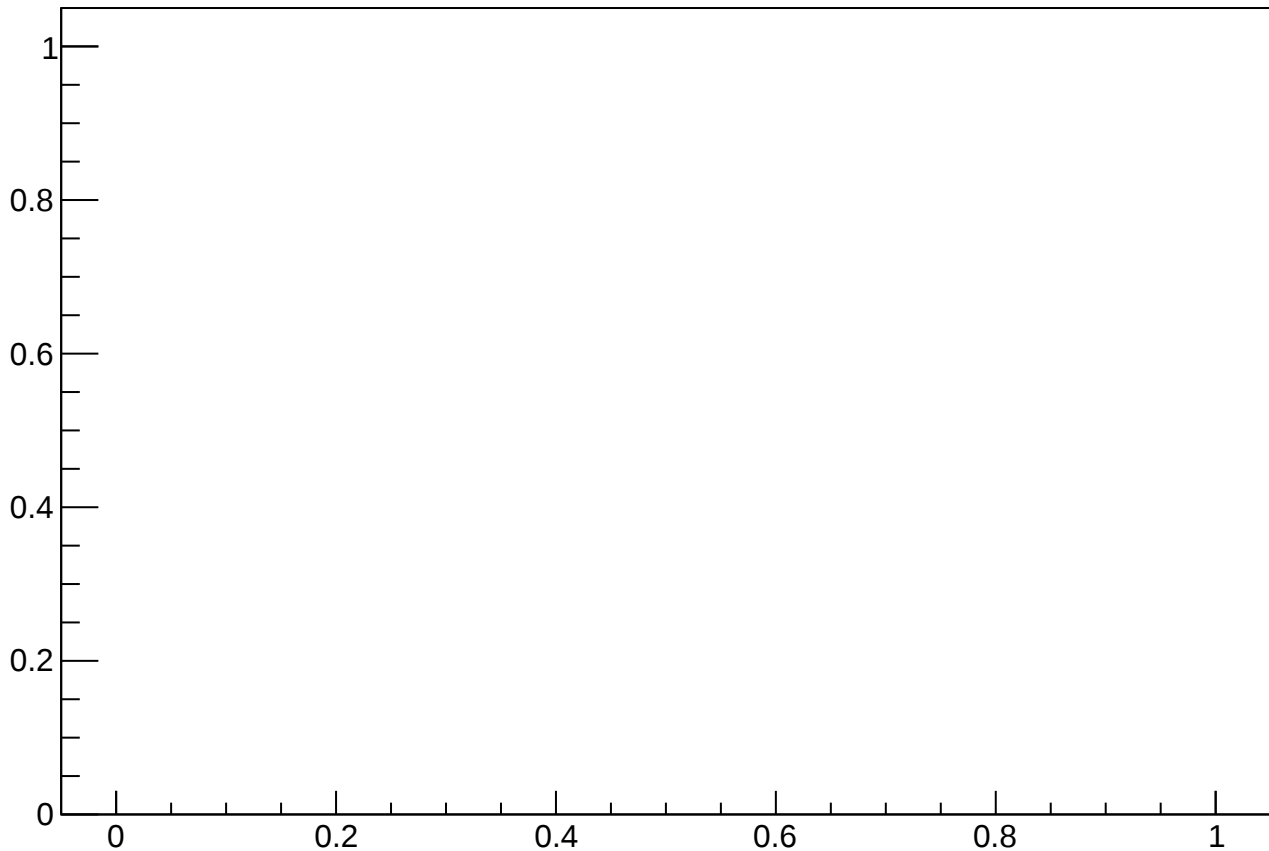
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

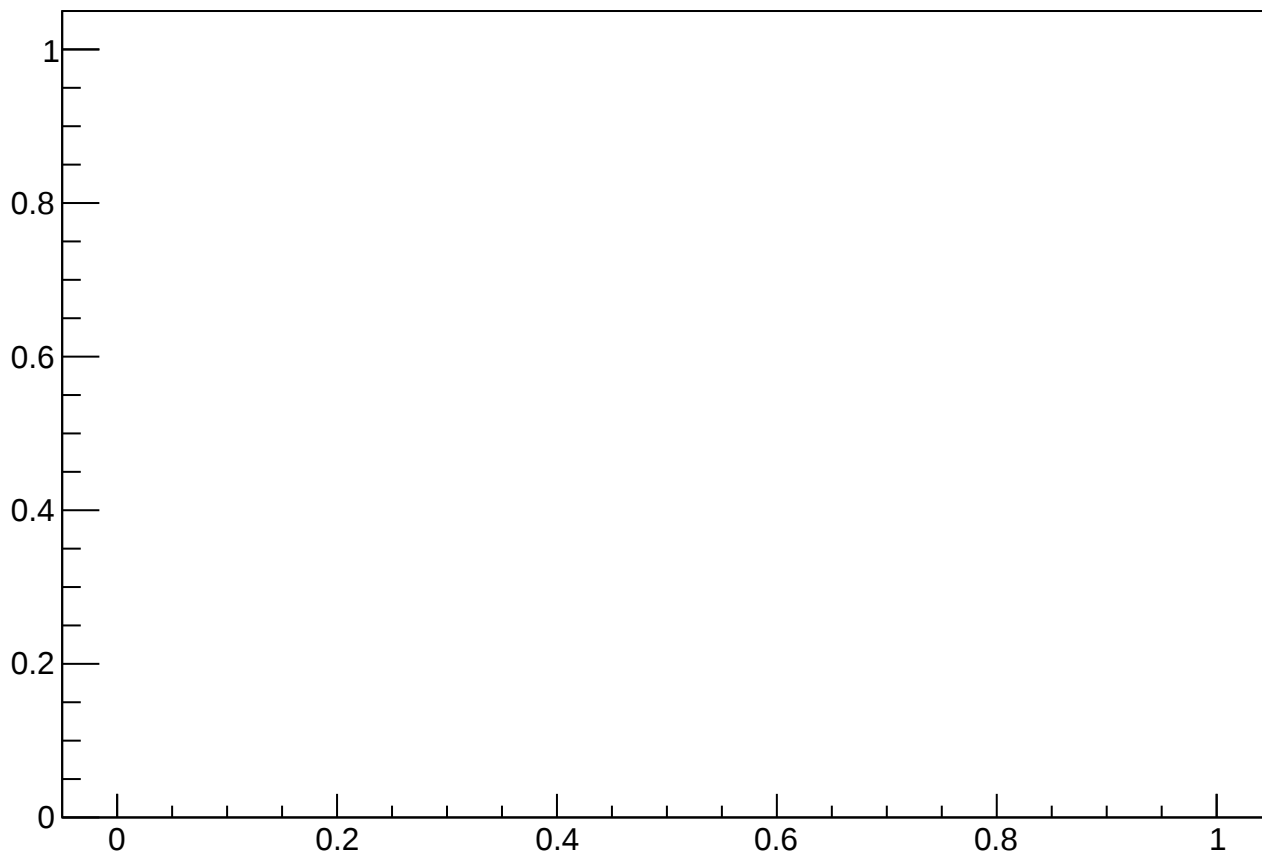
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

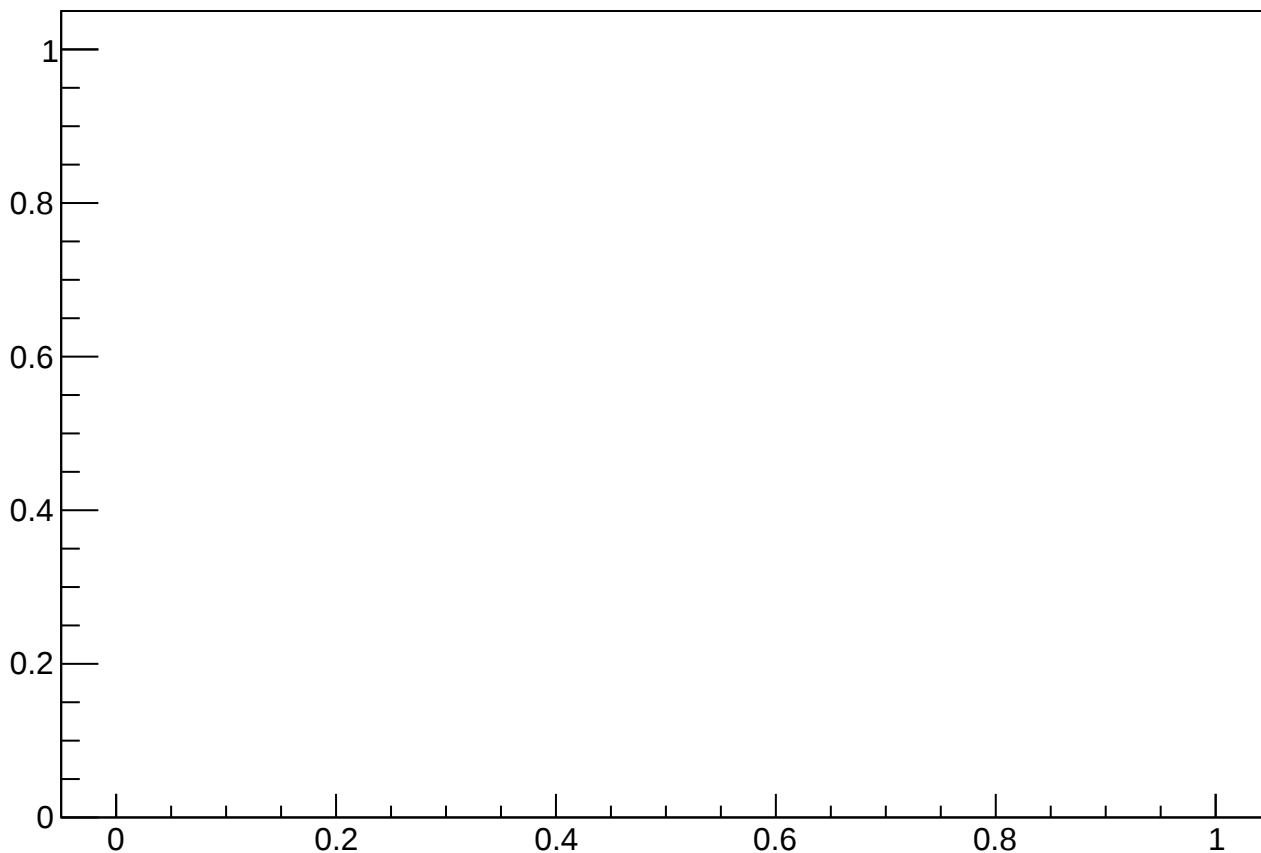
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

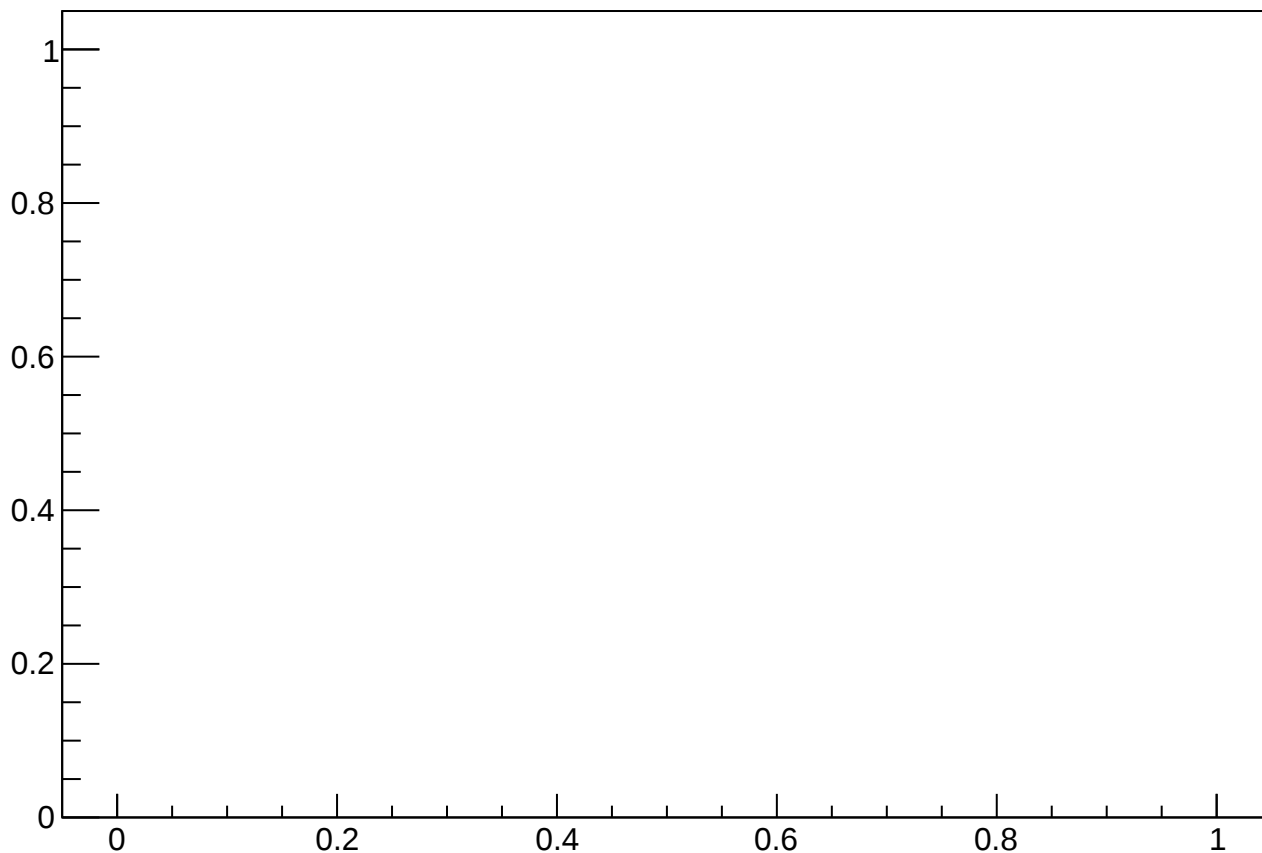
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

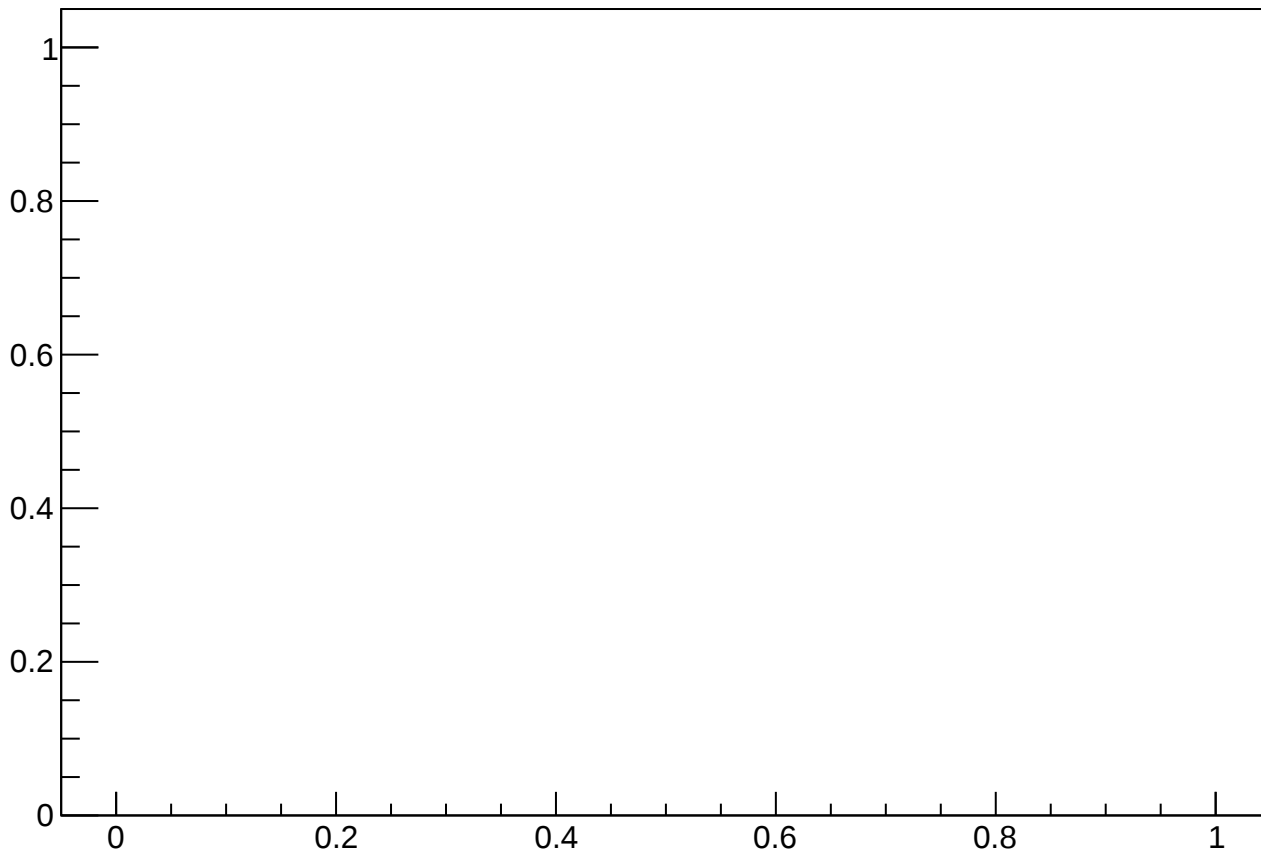
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

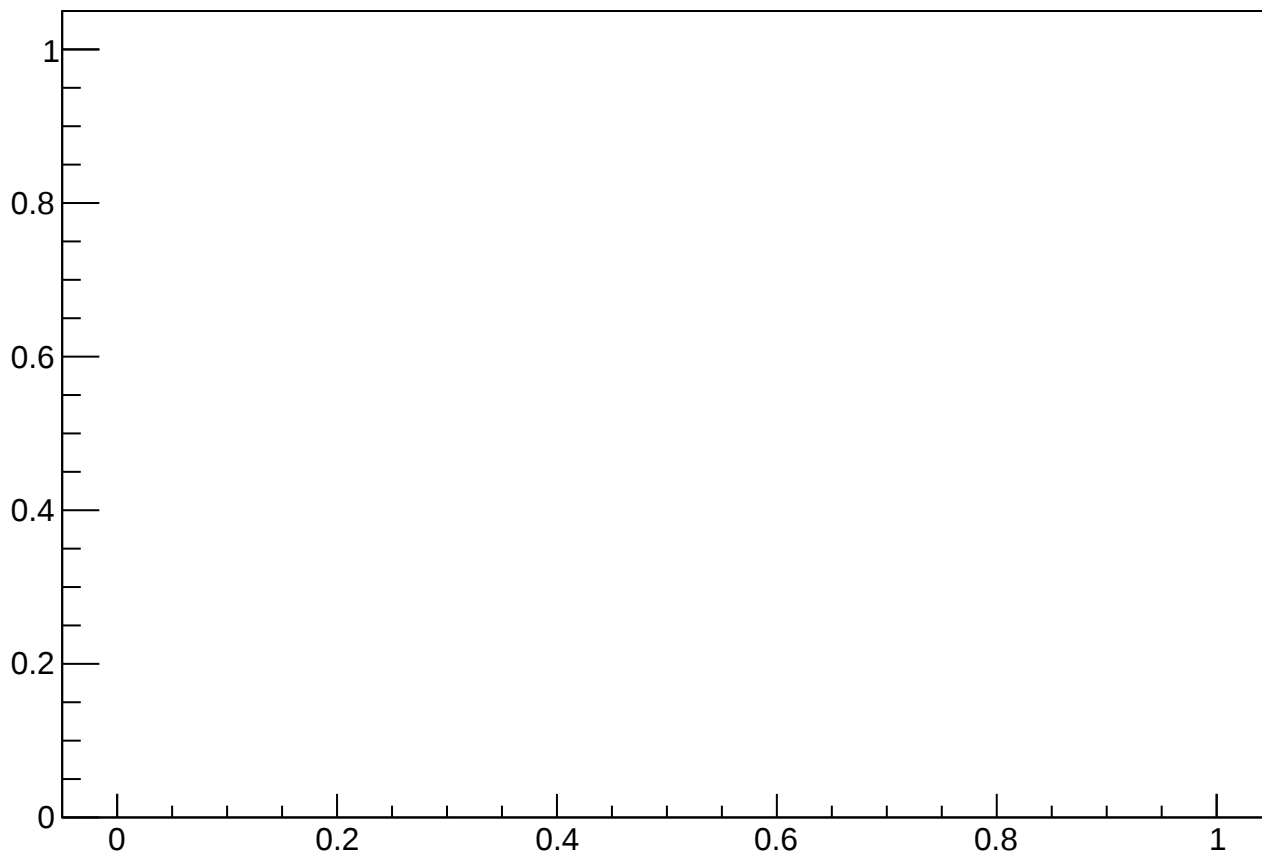
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

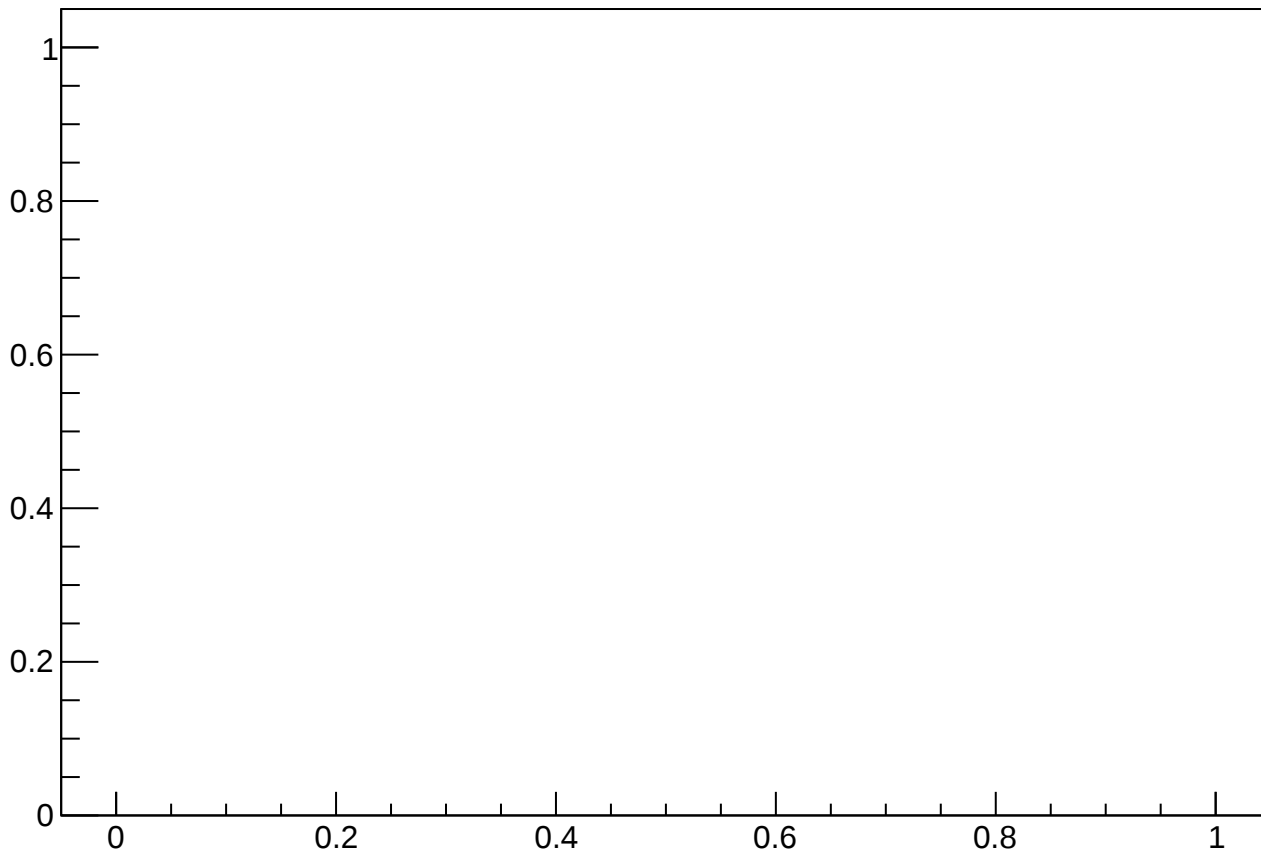
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

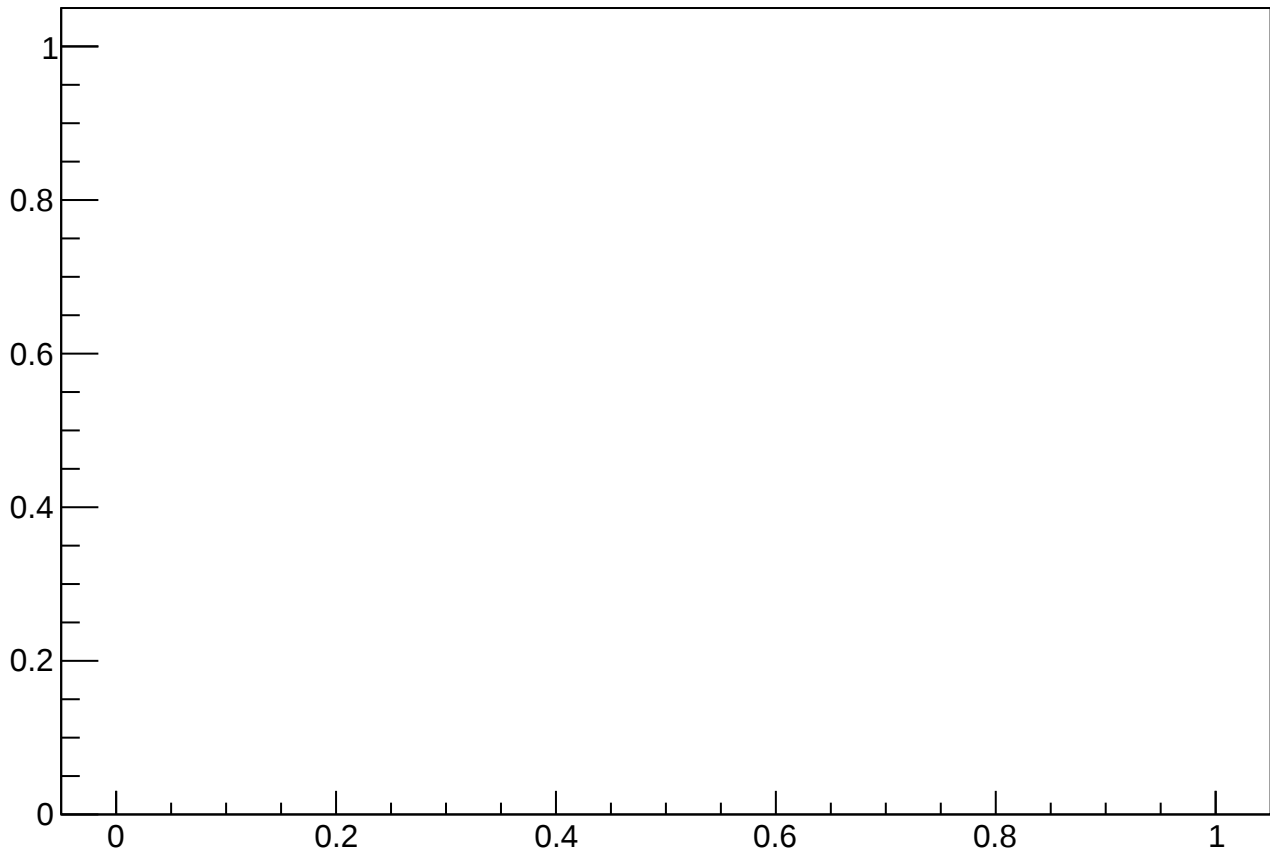
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

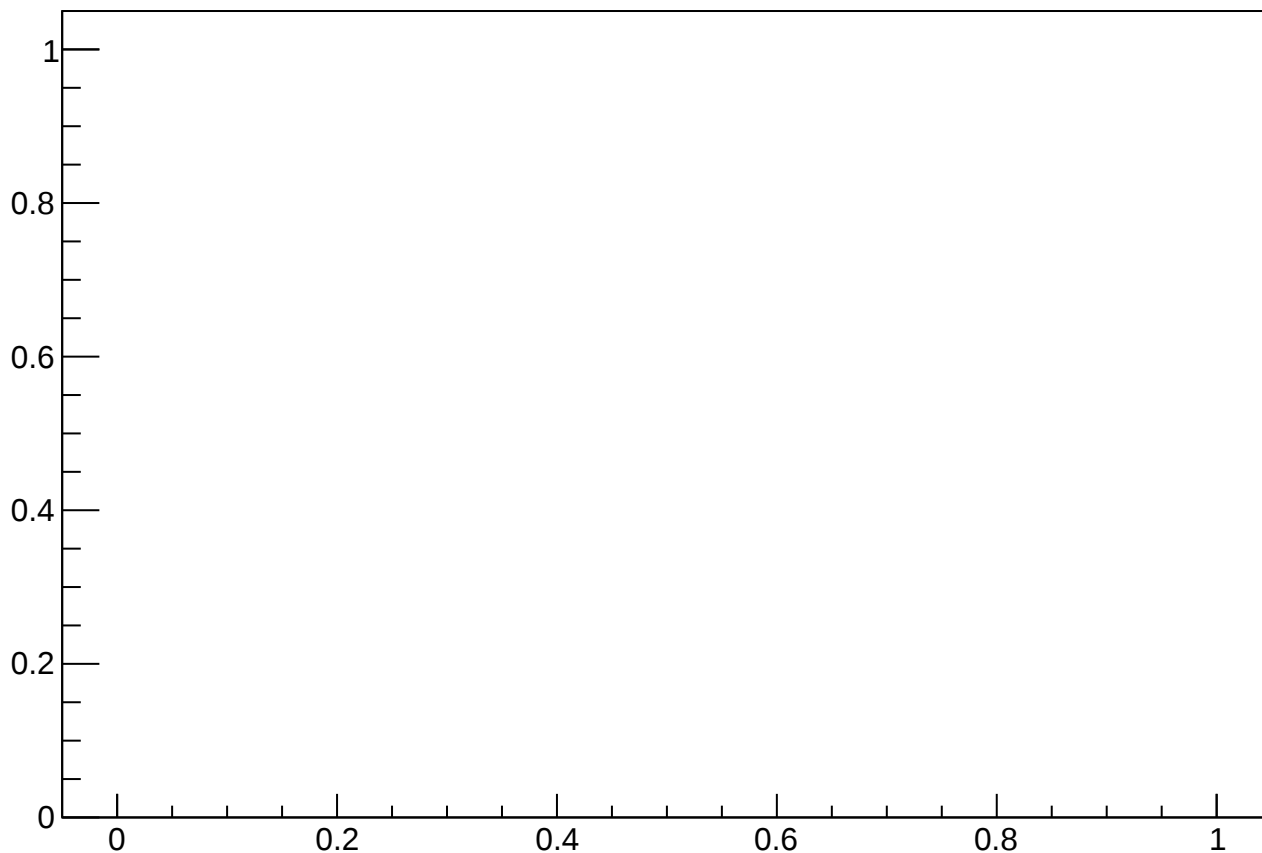
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

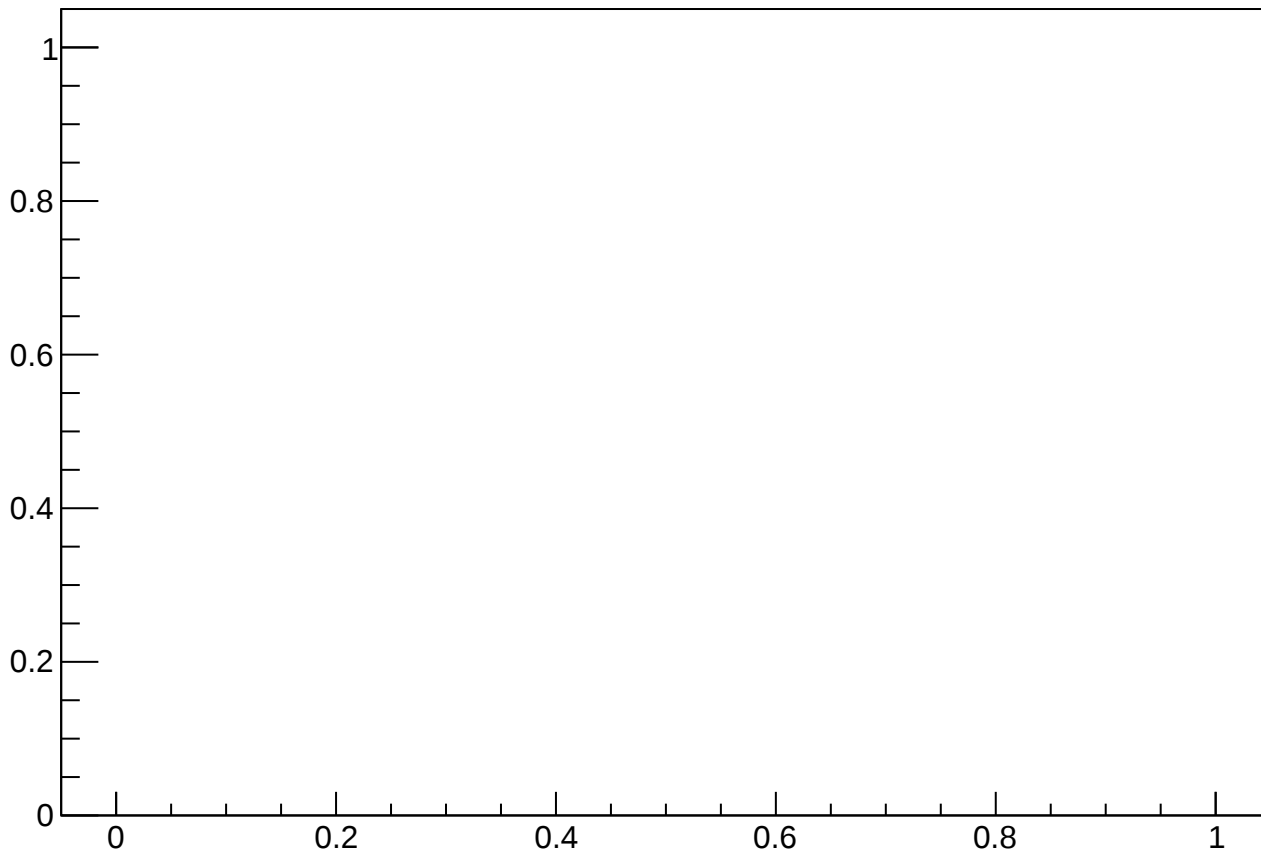
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

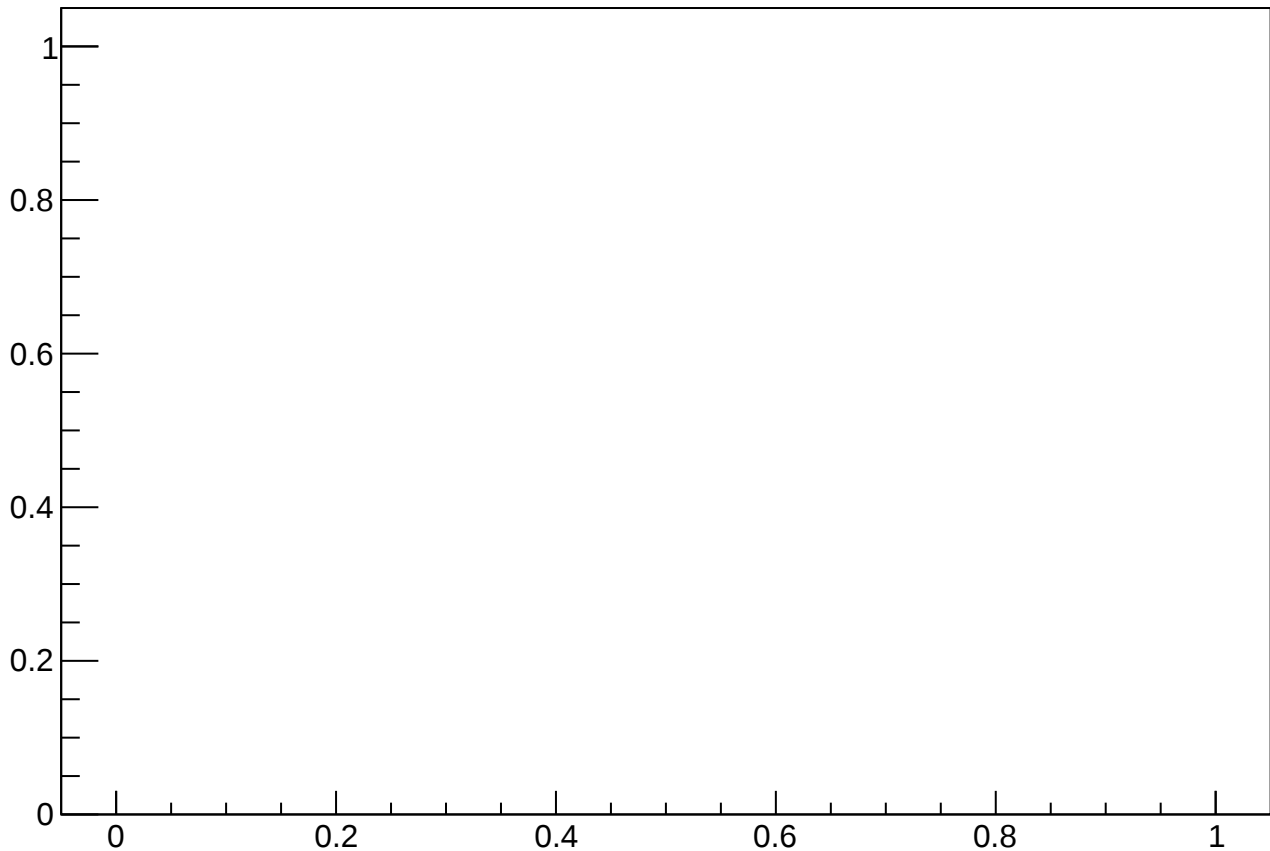
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

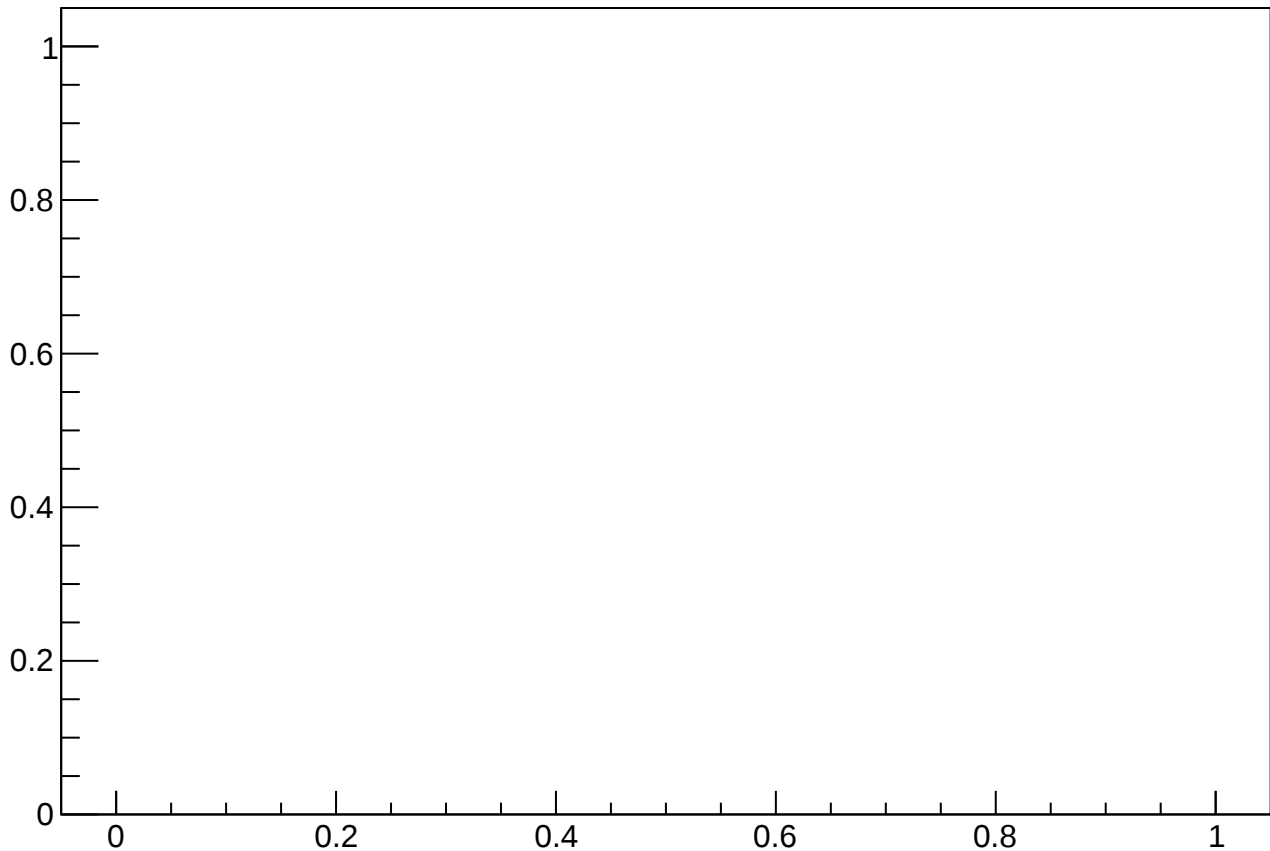
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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 $\pm$ 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_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



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

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

dit_run_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

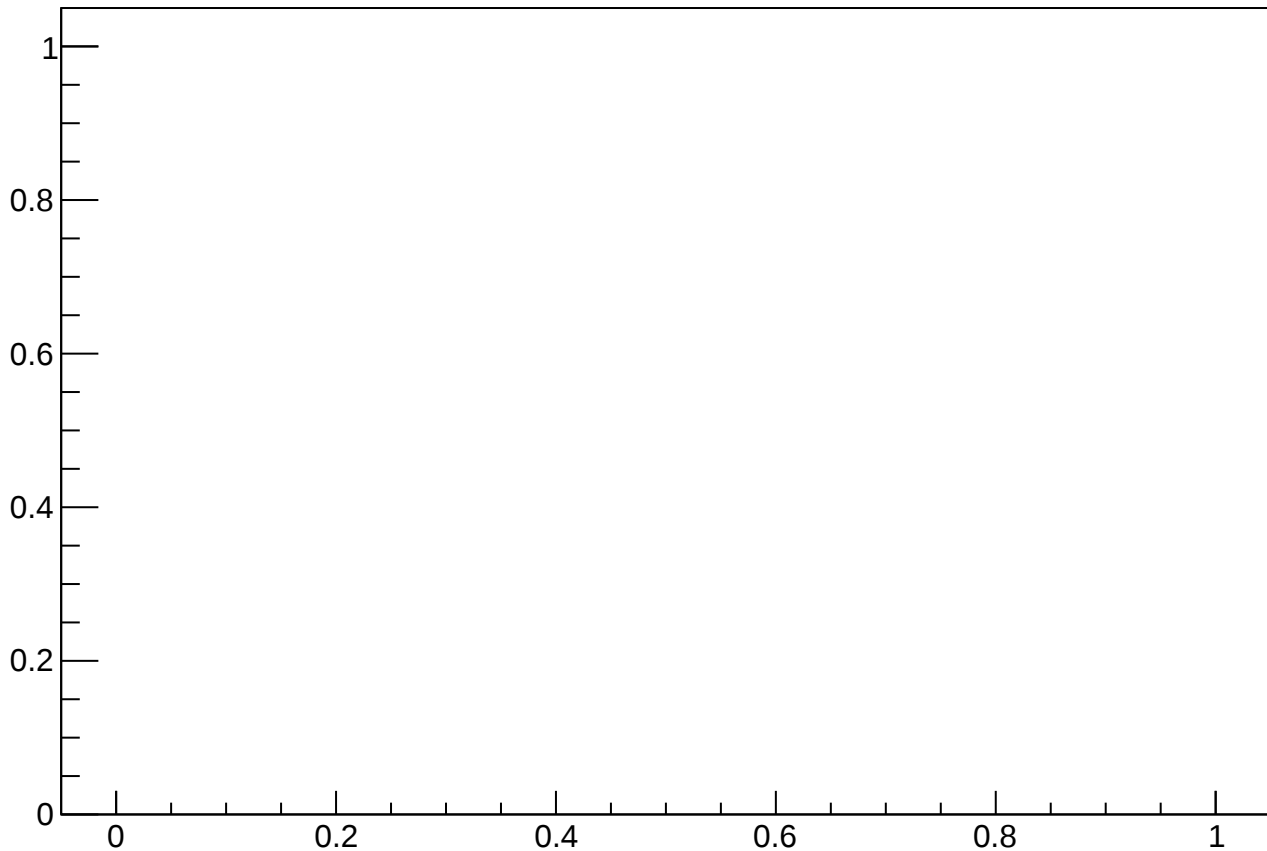
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

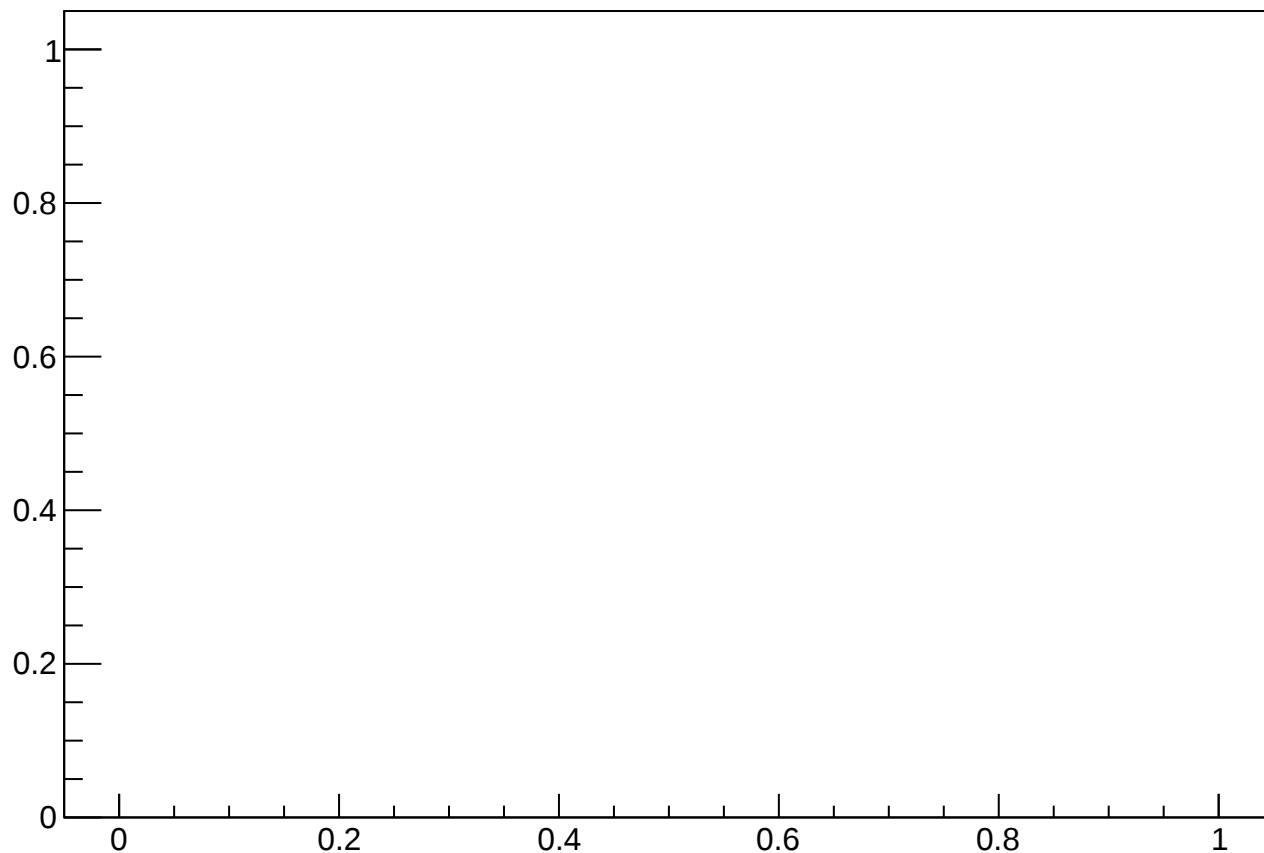
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



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

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

dit_flag_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

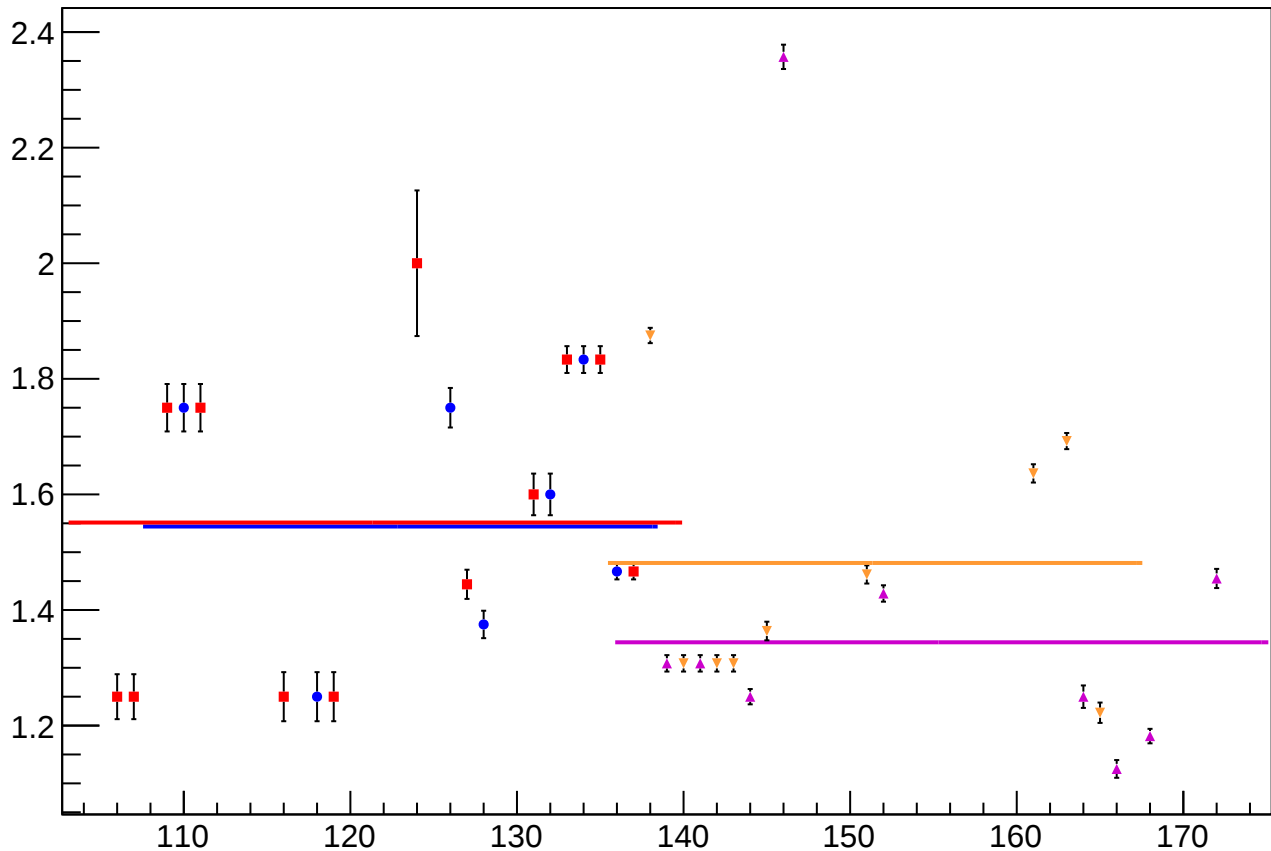
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

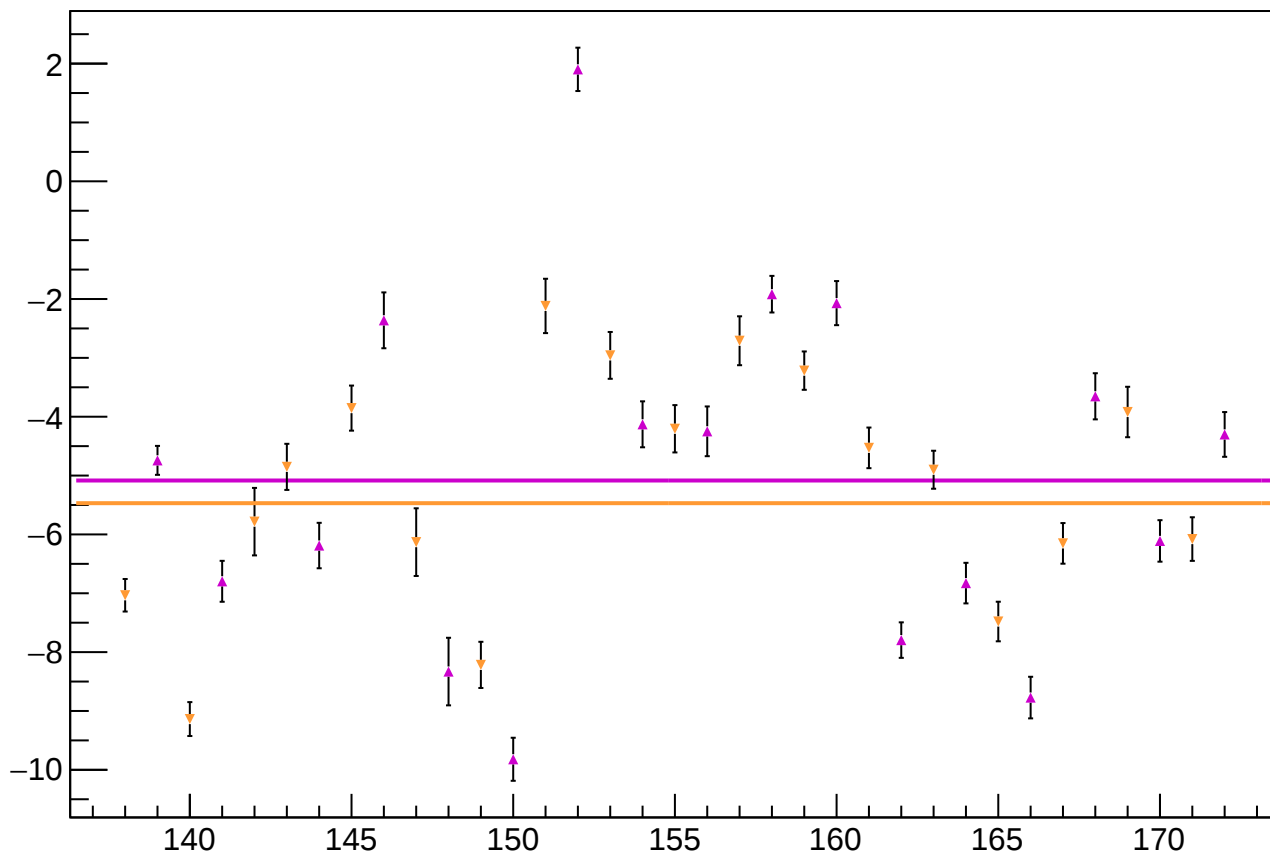
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.469+/-0.087 χ^2/NDF : 525.4/17

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

Left In: -5.084+/-0.087 χ^2/NDF : 1046.3/16

Left: -5.276+/-0.062 χ^2/NDF : 1581.4/34

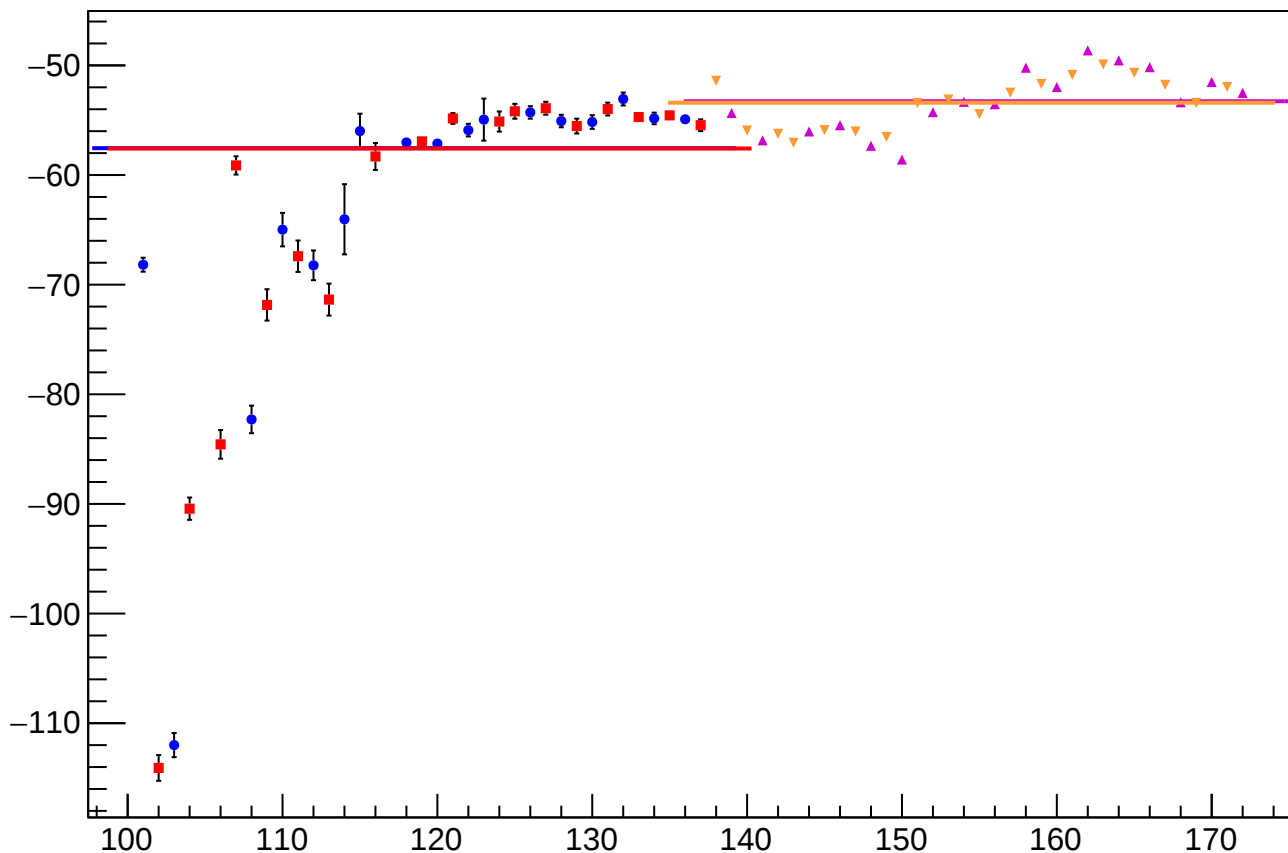
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.084+/-0.087 χ^2/NDF : 1046.3/16

Out: -5.469+/-0.087 χ^2/NDF : 525.4/17

All: -5.276+/-0.062 χ^2/NDF : 1581.4/34

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -53.401 $\pm$ 0.065 χ^2 /NDF:1221.1/17

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -53.271 $\pm$ 0.067 χ^2 /NDF:1928.9/16

Left: -53.338 $\pm$ 0.047 χ^2 /NDF: 3152.0/34

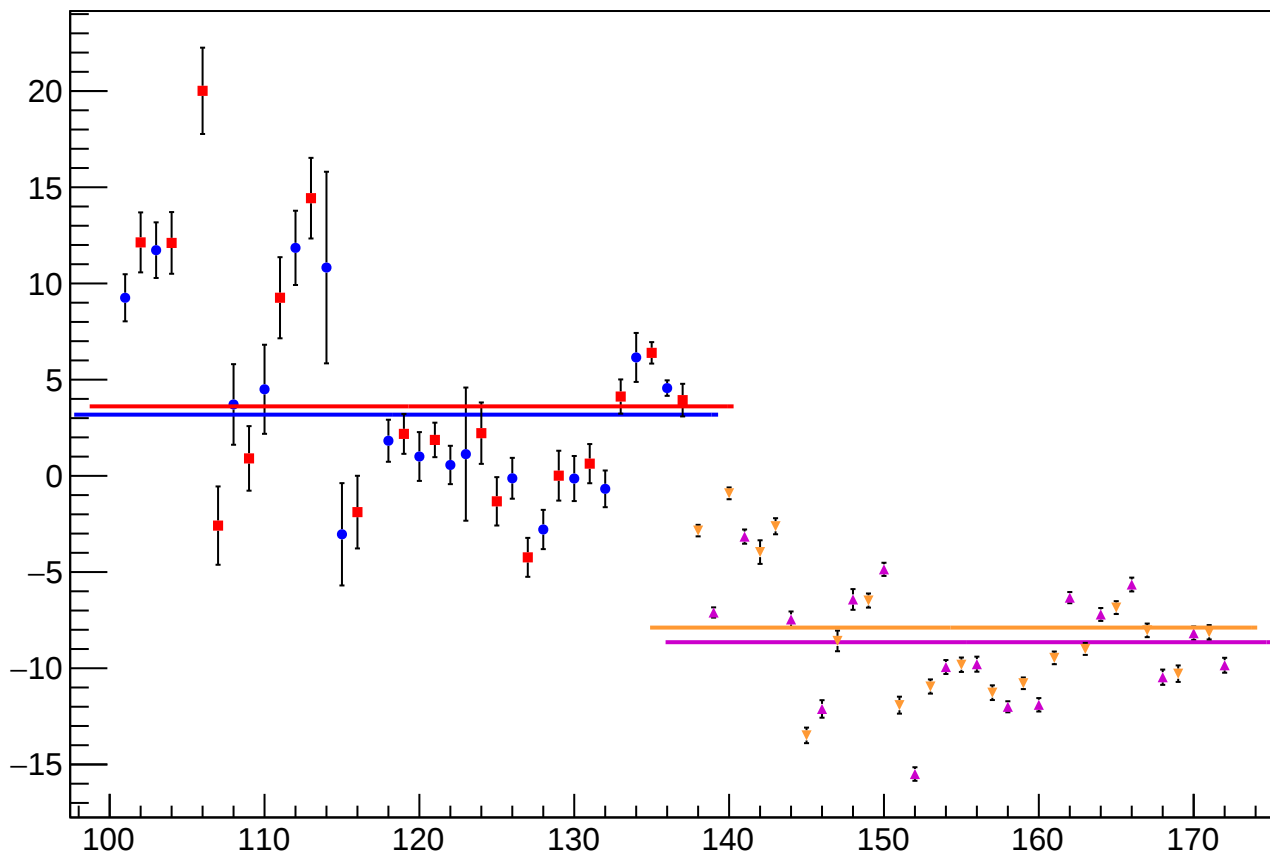
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -54.055 $\pm$ 0.061 χ^2 /NDF:6135.0/33

Out: -54.123 $\pm$ 0.059 χ^2 /NDF:6272.3/35

All: -54.090 $\pm$ 0.042 χ^2 /NDF: 12407.9/69

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.886 ± 0.087 χ^2/NDF : 1632.6/17

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -8.646 ± 0.086 χ^2/NDF : 1266.5/16

Left: -8.269 ± 0.061 χ^2/NDF : 2938.1/34

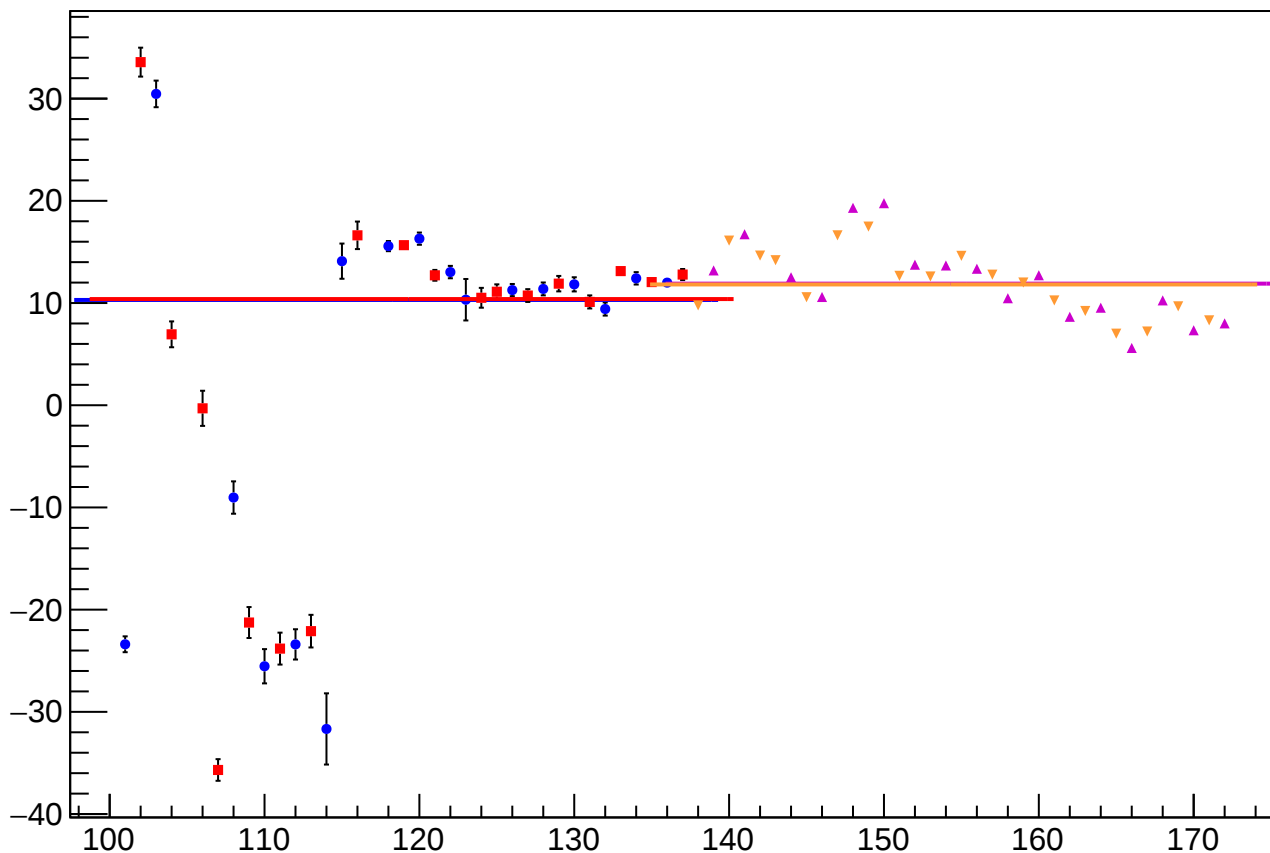
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -7.470 ± 0.081 χ^2/NDF : 3344.3/33

Out: -6.800 ± 0.082 χ^2/NDF : 3590.3/35

All: -7.139 ± 0.058 χ^2/NDF : 6968.1/69

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 11.818 ± 0.074 χ^2/NDF : 1699.4/17

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 11.897 ± 0.075 χ^2/NDF : 2494.4/16

Left: 11.857 ± 0.053 χ^2/NDF : 4194.4/34

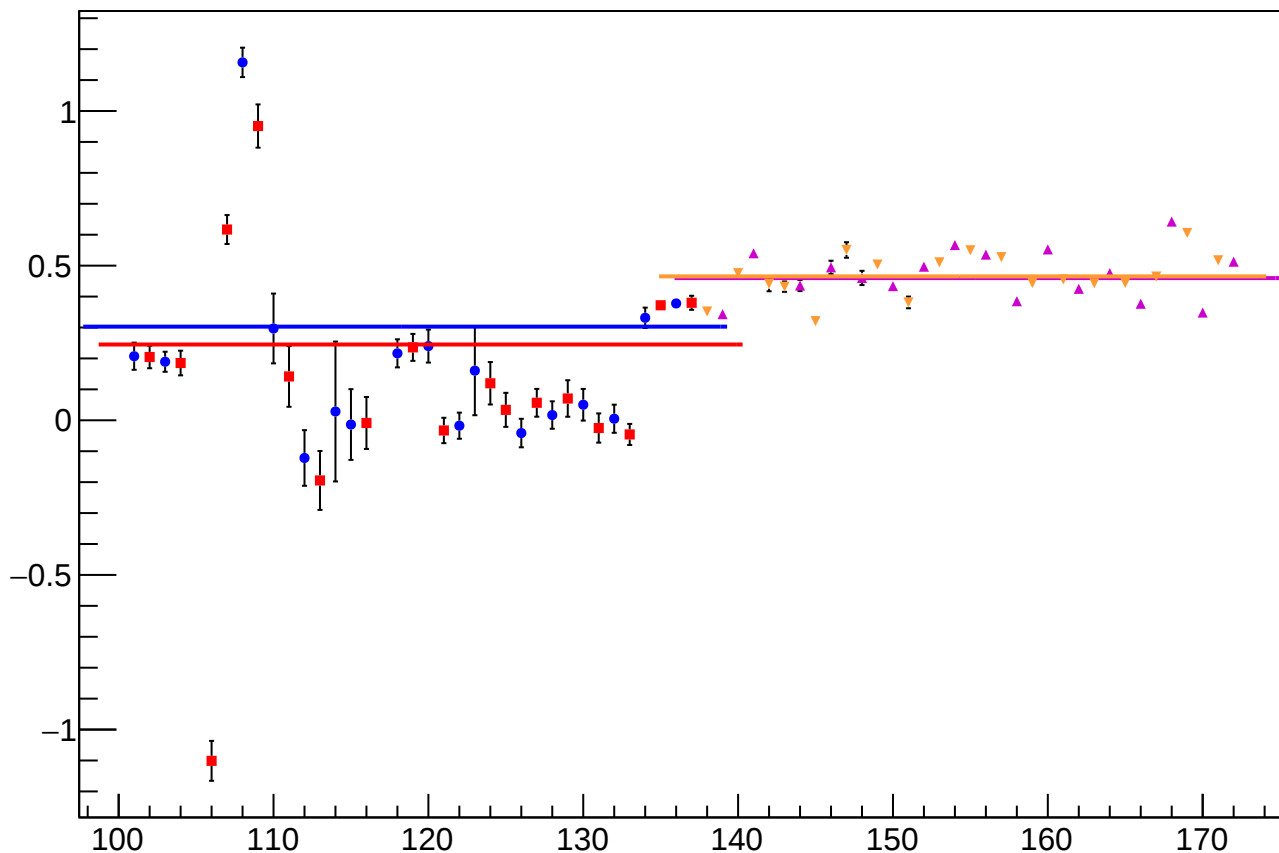
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 11.598 ± 0.068 χ^2/NDF : 6277.9/33

Out: 11.565 ± 0.067 χ^2/NDF : 5551.6/35

All: 11.582 ± 0.048 χ^2/NDF : 11829.6/69

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.465 ± 0.003 χ^2/NDF : 404.9/17

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.460 ± 0.003 χ^2/NDF : 684.5/16

Left: 0.462 ± 0.002 χ^2/NDF : 1090.8/34

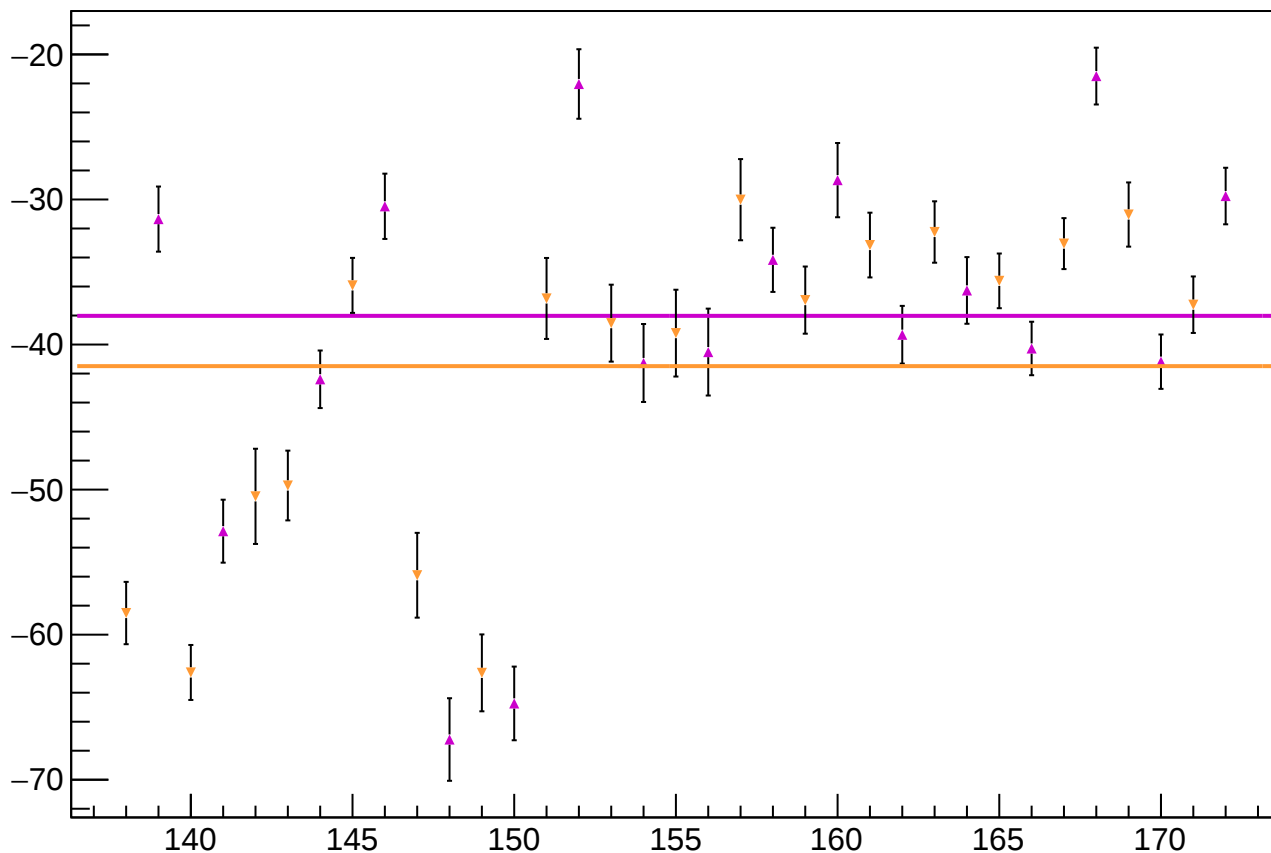
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.438 ± 0.003 χ^2/NDF : 1647.5/33

Out: 0.436 ± 0.003 χ^2/NDF : 1939.4/35

All: 0.437 ± 0.002 χ^2/NDF : 3587.1/69

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.489 ± 0.535 χ^2/NDF : 420.9/17

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

Left In: -38.022 ± 0.537 χ^2/NDF : 445.3/16

Left: -39.761 ± 0.379 χ^2/NDF : 887.2/34

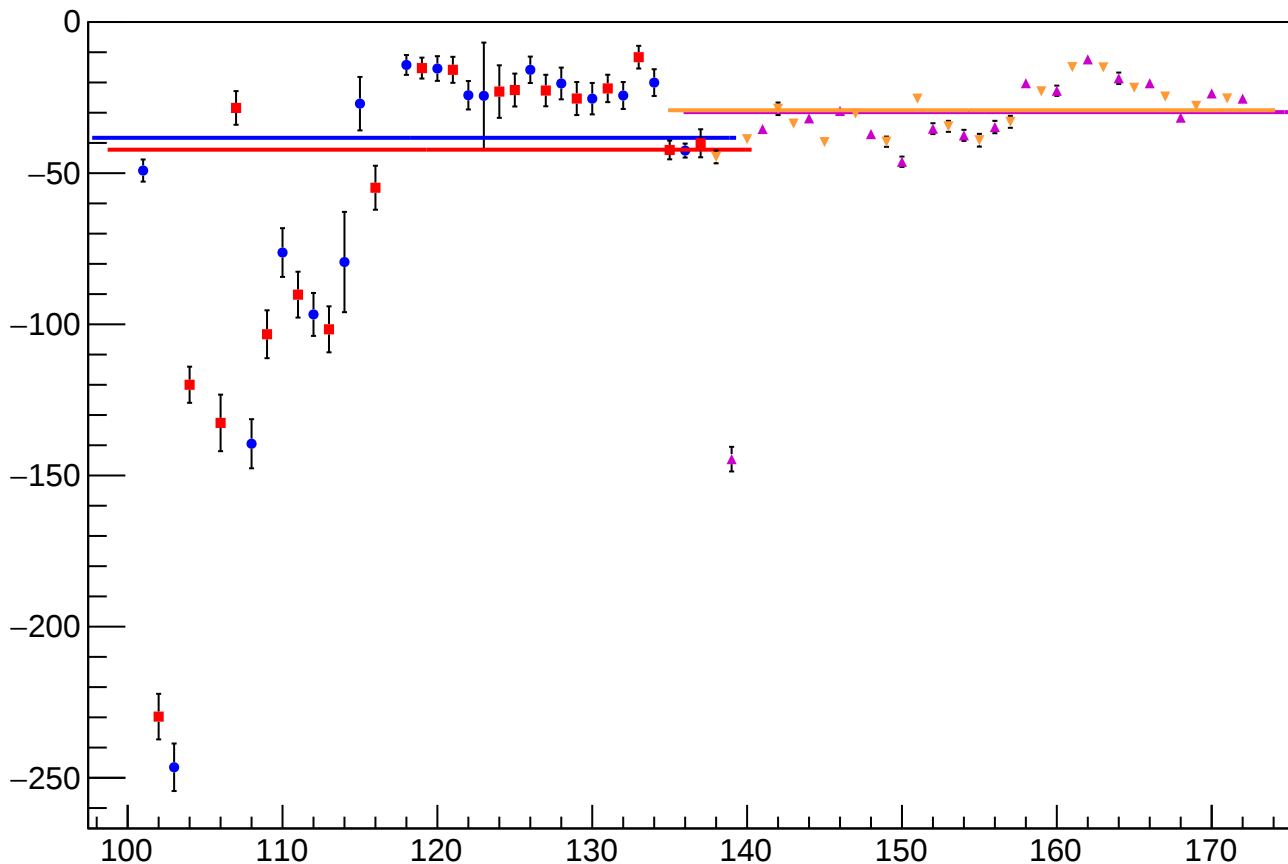
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -38.022 ± 0.537 χ^2/NDF : 445.3/16

Out: -41.489 ± 0.535 χ^2/NDF : 420.9/17

All: -39.761 ± 0.379 χ^2/NDF : 887.2/34

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: -29.189 ± 0.390 $\chi^2/\text{NDF}: 439.4/17$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -29.811 ± 0.397 $\chi^2/\text{NDF}: 1237.0/16$

Left: -29.494 ± 0.278 $\chi^2/\text{NDF}: 1677.7/34$

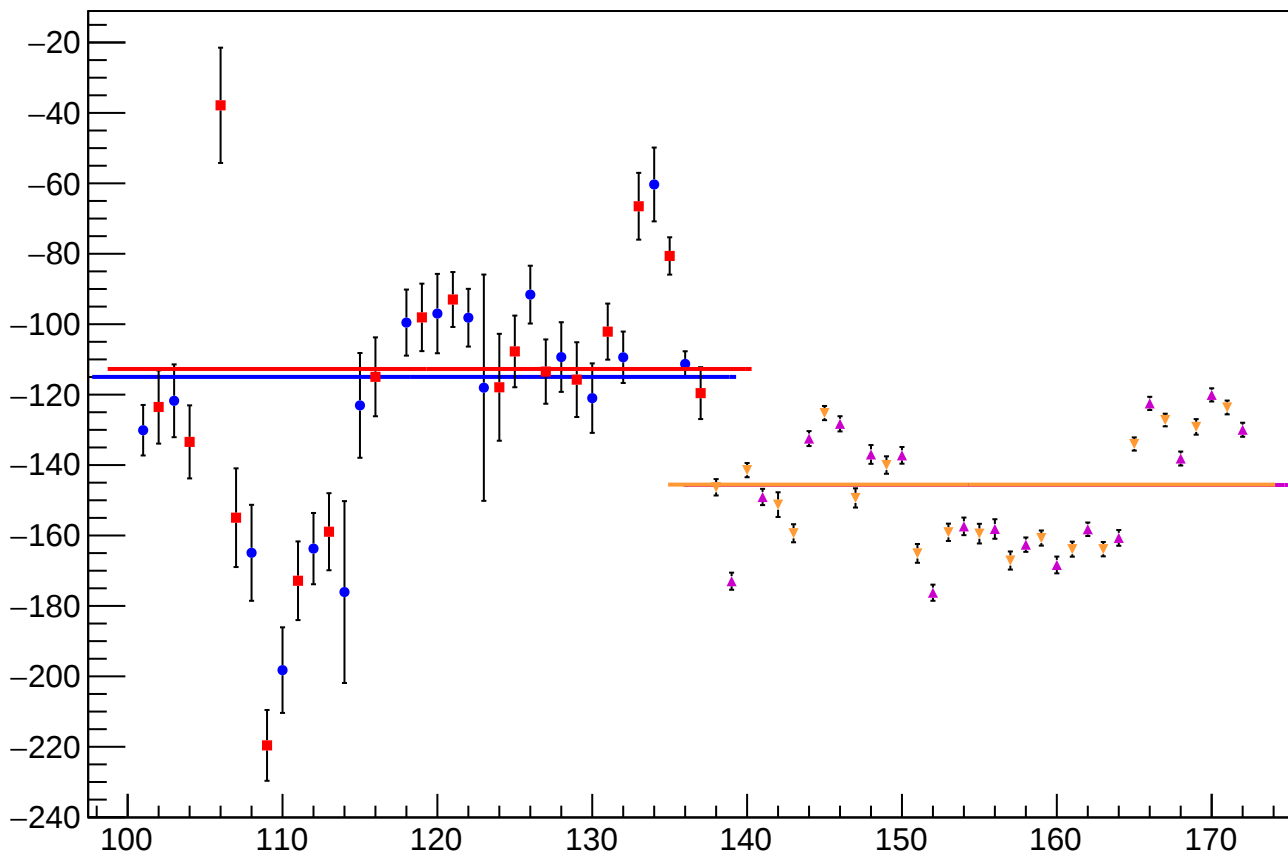
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -30.732 ± 0.375 $\chi^2/\text{NDF}: 2419.4/33$

Out: -30.419 ± 0.371 $\chi^2/\text{NDF}: 1822.9/35$

All: -30.574 ± 0.264 $\chi^2/\text{NDF}: 4242.6/69$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -145.555 ± 0.533 χ^2/NDF : 849.2/17

Right Out: -112.713 ± 2.210 χ^2/NDF : 267.1/17

Left In: -145.660 ± 0.530 χ^2/NDF : 1138.7/16

Left: -145.608 ± 0.376 χ^2/NDF : 1988.0/34

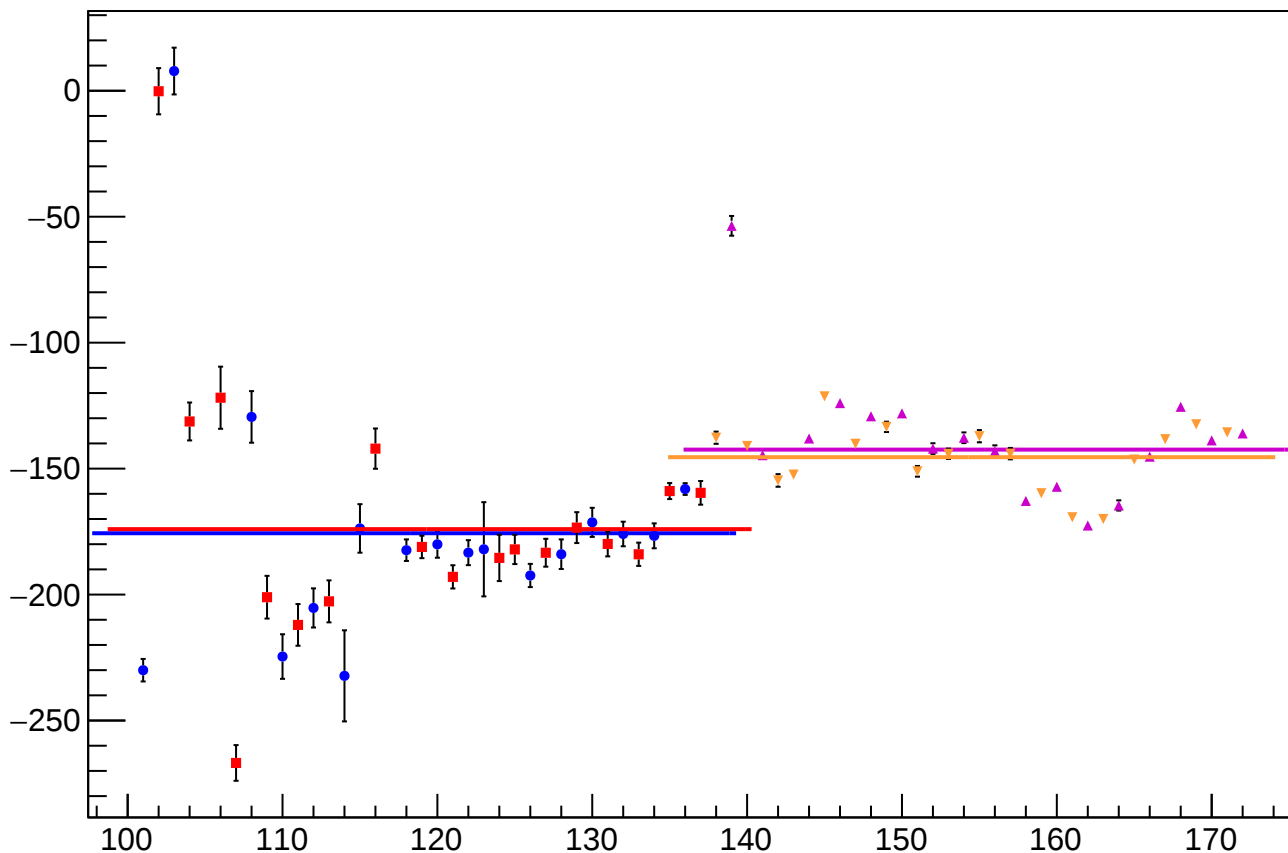
Right: -113.912 ± 1.513 χ^2/NDF : 409.1/34

In: -143.778 ± 0.514 χ^2/NDF : 1485.6/33

Out: -143.753 ± 0.518 χ^2/NDF : 1325.0/35

All: -143.766 ± 0.365 χ^2/NDF : 2810.6/69

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.460 ± 0.448 χ^2/NDF : 888.4/17

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.453 ± 0.453 χ^2/NDF : 1514.6/16

Left: -143.975 ± 0.318 χ^2/NDF : 2425.4/34

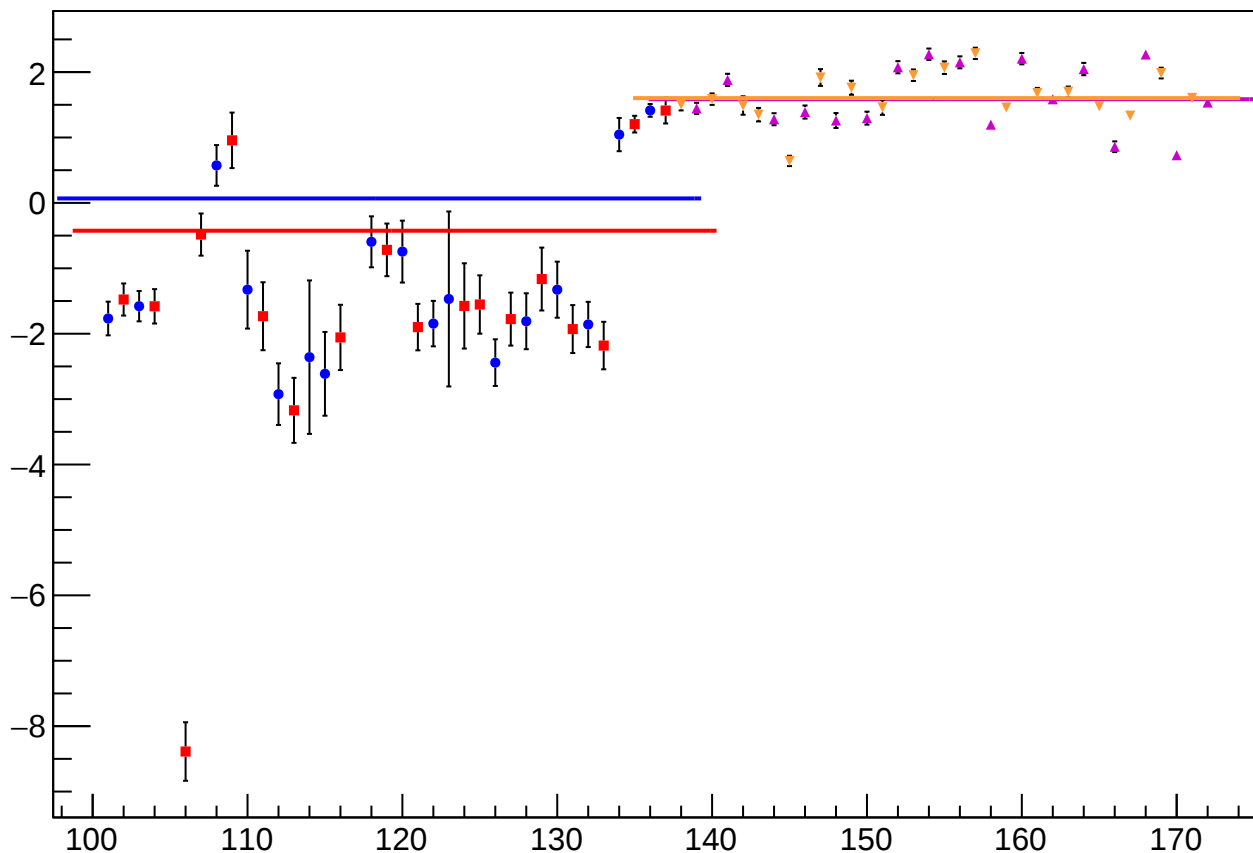
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -146.206 ± 0.427 χ^2/NDF : 2813.6/33

Out: -148.271 ± 0.425 χ^2/NDF : 1992.5/35

All: -147.242 ± 0.301 χ^2/NDF : 4817.9/69

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.602 $\pm$ 0.021 χ^2 /NDF:309.8/17

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.585 $\pm$ 0.021 χ^2 /NDF:591.8/16

Left: 1.594 $\pm$ 0.015 χ^2 /NDF: 901.9/34

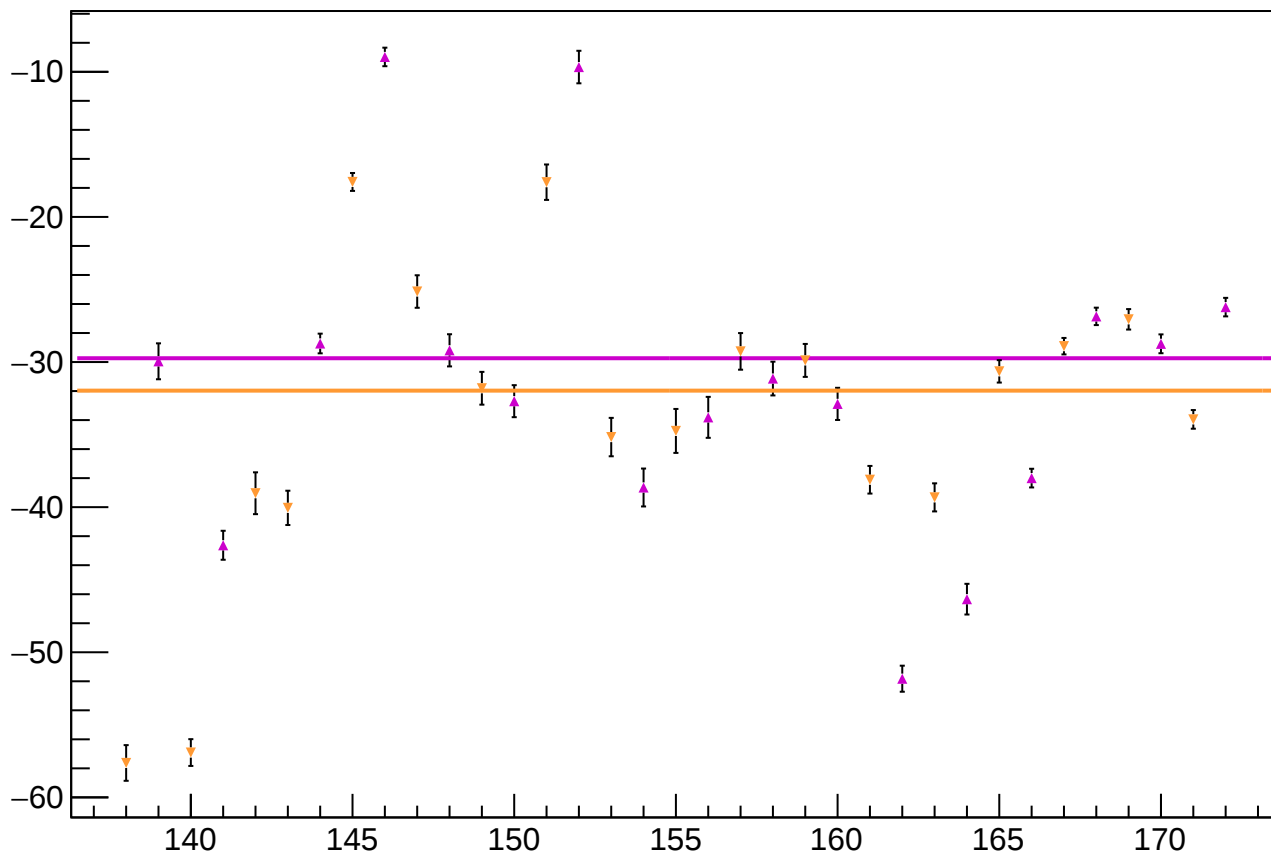
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.454 $\pm$ 0.020 χ^2 /NDF:1585.8/33

Out: 1.445 $\pm$ 0.020 χ^2 /NDF:1799.6/35

All: 1.449 $\pm$ 0.014 χ^2 /NDF: 3385.5/69

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: -31.970 $\pm$ 0.215 χ^2 /NDF:2162.5/17

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

Left In: -29.738 $\pm$ 0.206 χ^2 /NDF:2691.0/16

Left: -30.809 $\pm$ 0.149 χ^2 /NDF: 4909.8/34

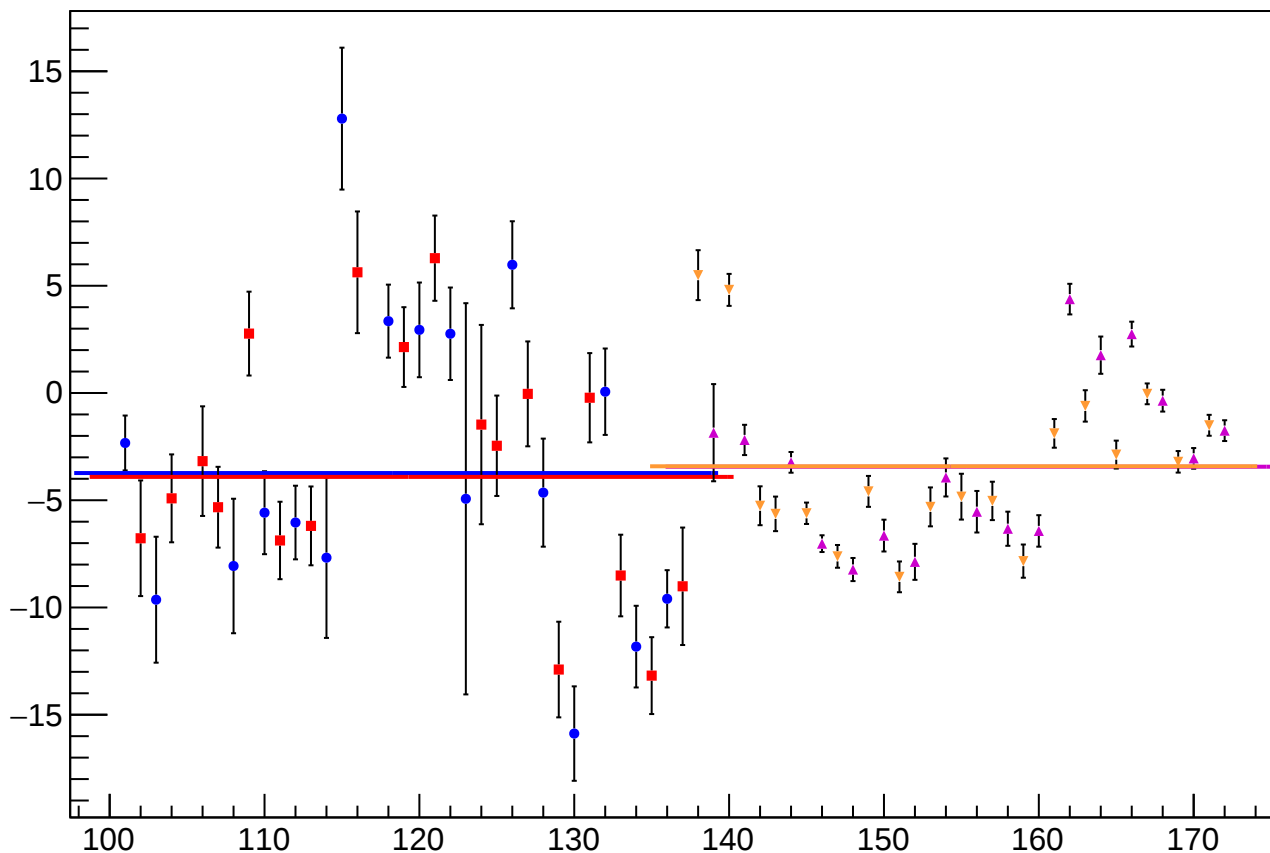
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.738 $\pm$ 0.206 χ^2 /NDF:2691.0/16

Out: -31.970 $\pm$ 0.215 χ^2 /NDF:2162.5/17

All: -30.809 $\pm$ 0.149 χ^2 /NDF: 4909.8/34

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.417 ± 0.157 $\chi^2/\text{NDF}: 455.1/17$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -3.437 ± 0.150 $\chi^2/\text{NDF}: 568.0/16$

Left: -3.428 ± 0.109 $\chi^2/\text{NDF}: 1023.1/34$

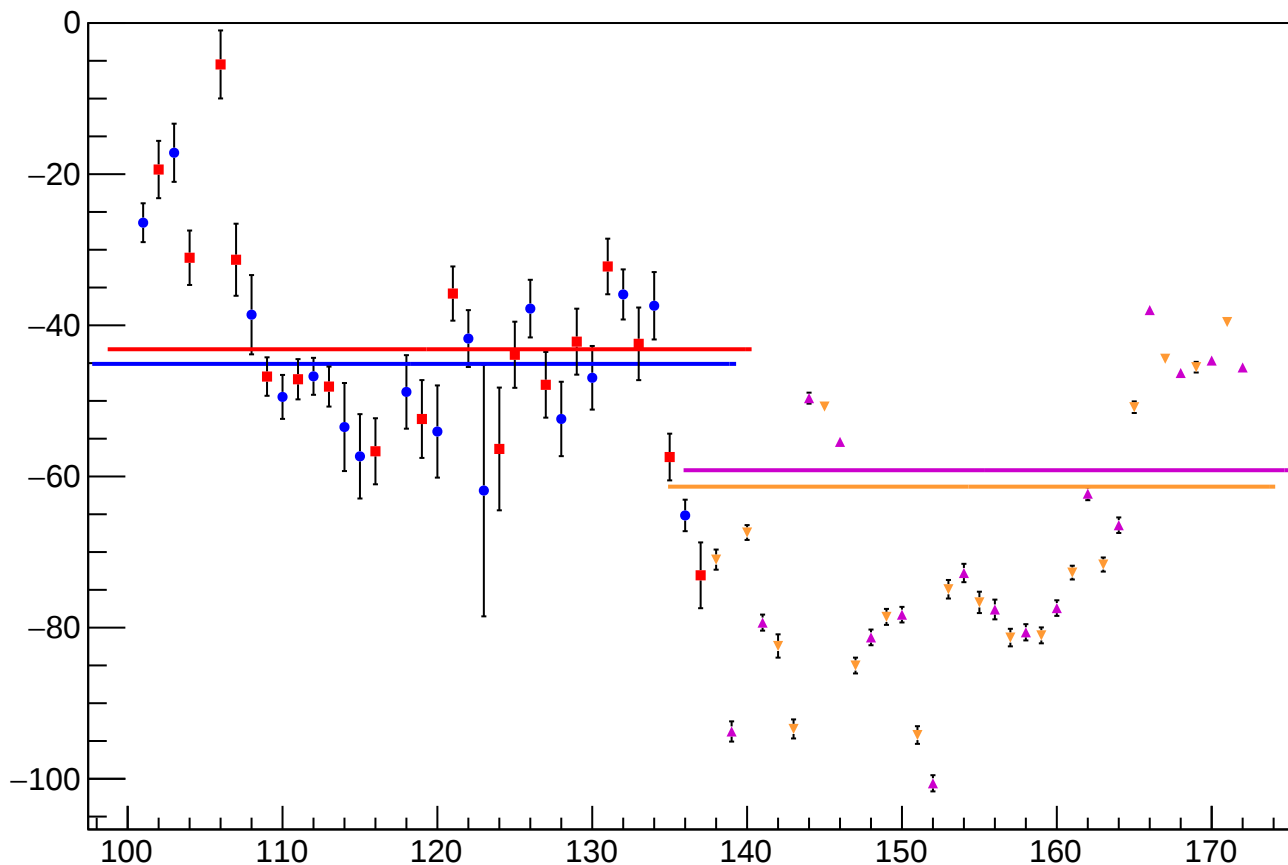
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -3.462 ± 0.144 $\chi^2/\text{NDF}: 734.2/33$

Out: -3.460 ± 0.150 $\chi^2/\text{NDF}: 580.7/35$

All: -3.461 ± 0.104 $\chi^2/\text{NDF}: 1314.9/69$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -61.347 ± 0.214 χ^2/NDF : 6590.9/17

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -59.172 ± 0.205 χ^2/NDF : 7051.3/16

Left: -60.210 ± 0.148 χ^2/NDF : 13696.0/34

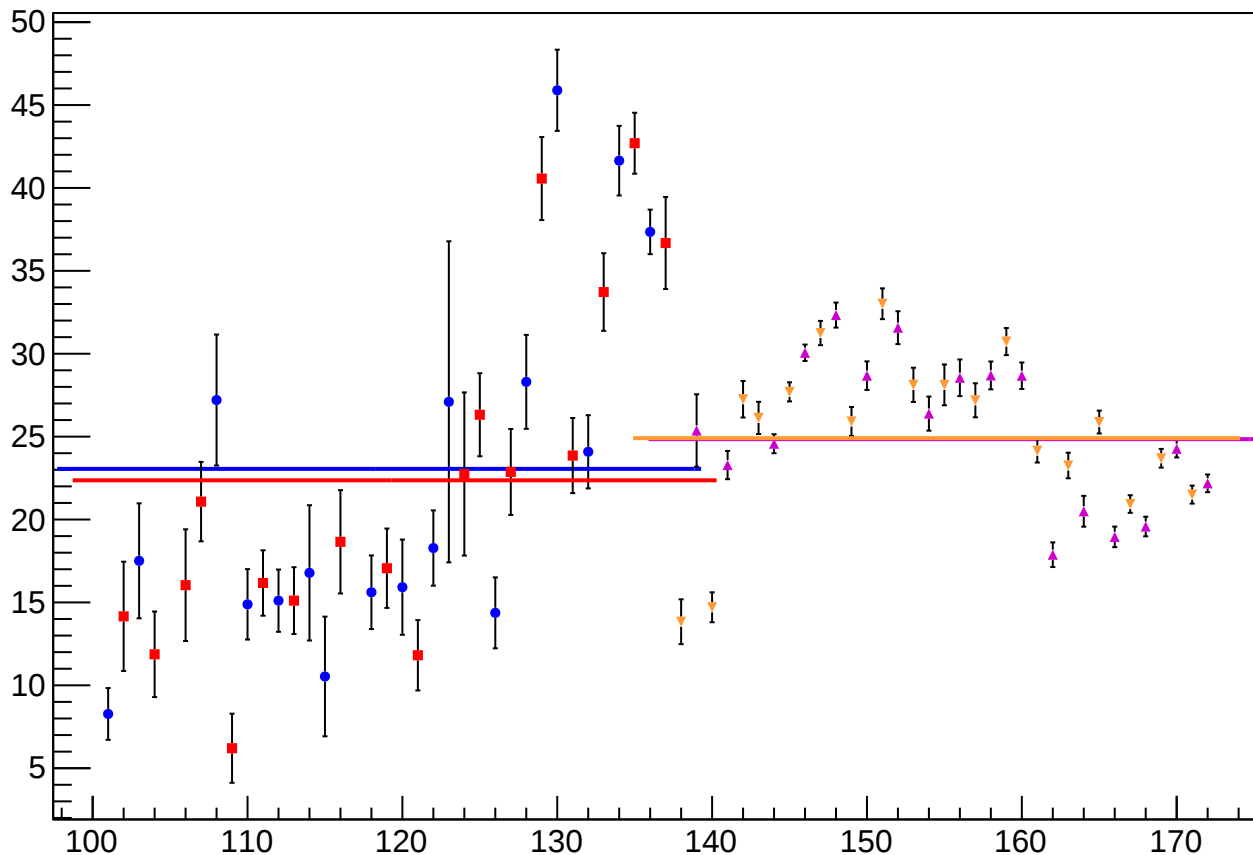
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -58.453 ± 0.200 χ^2/NDF : 7523.0/33

Out: -60.326 ± 0.208 χ^2/NDF : 7227.4/35

All: -59.349 ± 0.144 χ^2/NDF : 14792.6/69

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: 24.908 $\pm$ 0.180 χ^2 /NDF:557.1/17

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 24.847 $\pm$ 0.174 χ^2 /NDF:641.6/16

Left: 24.876 $\pm$ 0.125 χ^2 /NDF: 1198.8/34

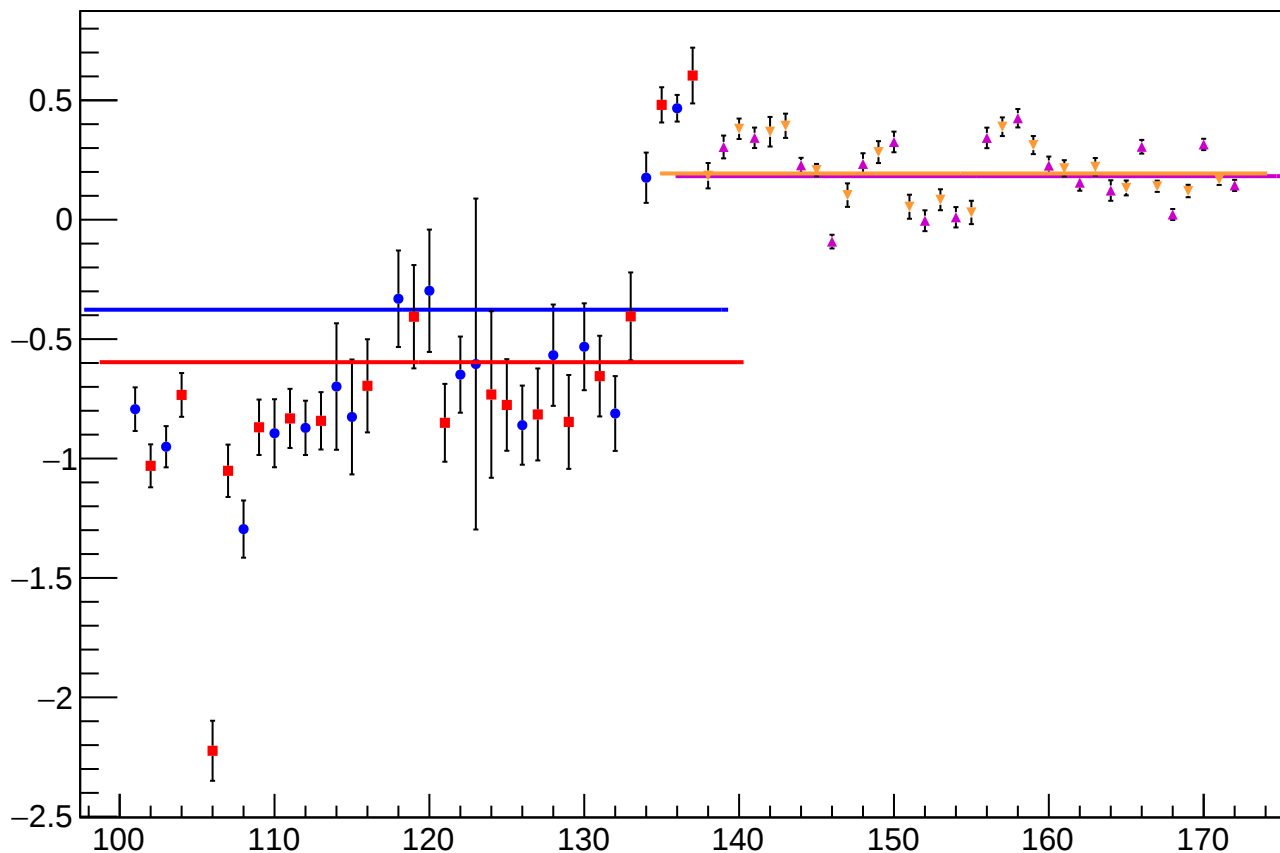
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 24.688 $\pm$ 0.166 χ^2 /NDF:1112.2/33

Out: 24.679 $\pm$ 0.172 χ^2 /NDF:943.8/35

All: 24.684 $\pm$ 0.119 χ^2 /NDF: 2056.0/69

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.194 ± 0.008 χ^2/NDF : 129.1/17

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.182 ± 0.008 χ^2/NDF : 319.2/16

Left: 0.188 ± 0.006 χ^2/NDF : 449.3/34

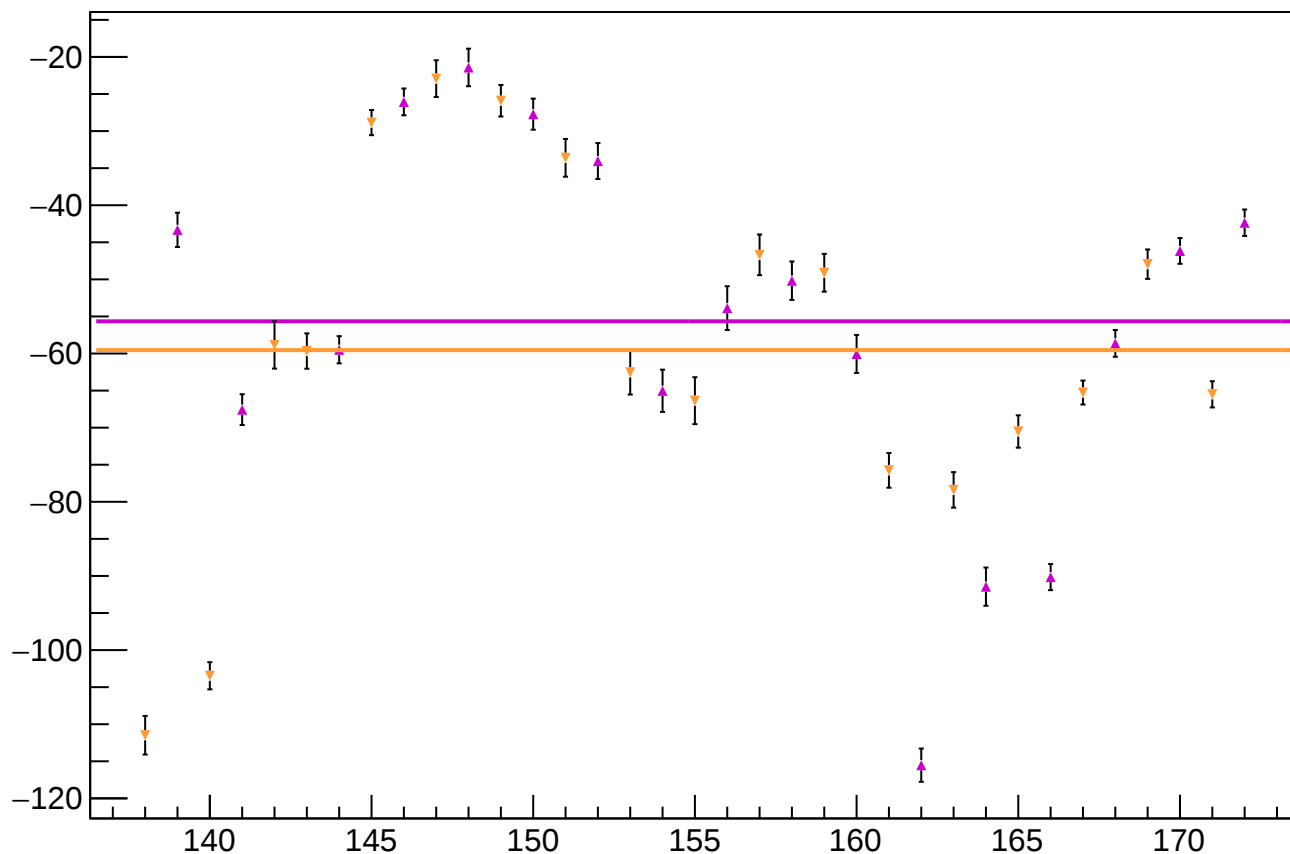
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.145 ± 0.008 χ^2/NDF : 1078.5/33

Out: 0.138 ± 0.008 χ^2/NDF : 1315.1/35

All: 0.142 ± 0.006 χ^2/NDF : 2394.0/69

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -59.545 $\pm$ 0.525 χ^2 /NDF:2111.0/17

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

Left In: -55.659 $\pm$ 0.517 χ^2 /NDF:2171.3/16

Left: -57.574 $\pm$ 0.368 χ^2 /NDF: 4310.1/34

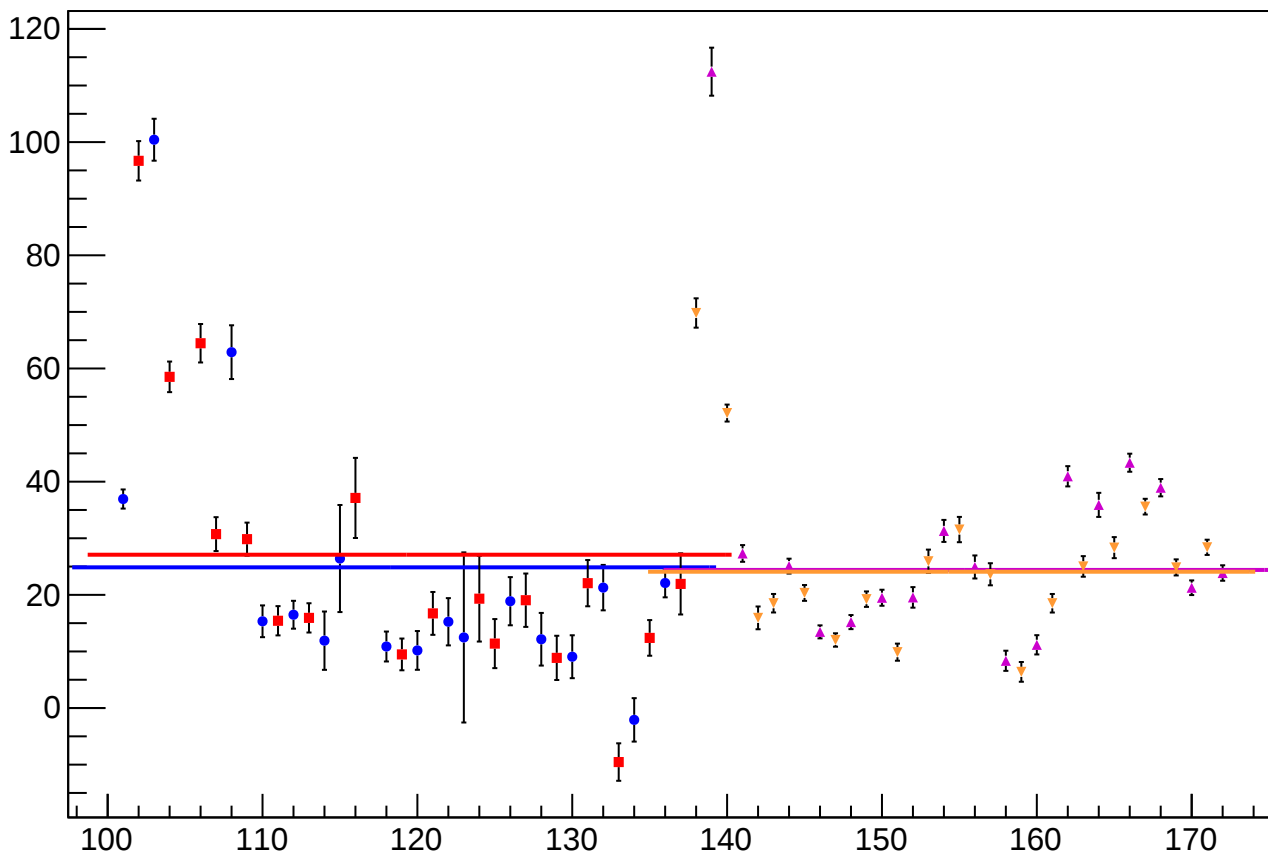
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -55.659 $\pm$ 0.517 χ^2 /NDF:2171.3/16

Out: -59.545 $\pm$ 0.525 χ^2 /NDF:2111.0/17

All: -57.574 $\pm$ 0.368 χ^2 /NDF: 4310.1/34

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 24.089 $\pm$ 0.379 χ^2 /NDF:1111.9/17

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 24.404 $\pm$ 0.379 χ^2 /NDF:1105.8/16

Left: 24.246 $\pm$ 0.268 χ^2 /NDF: 2218.1/34

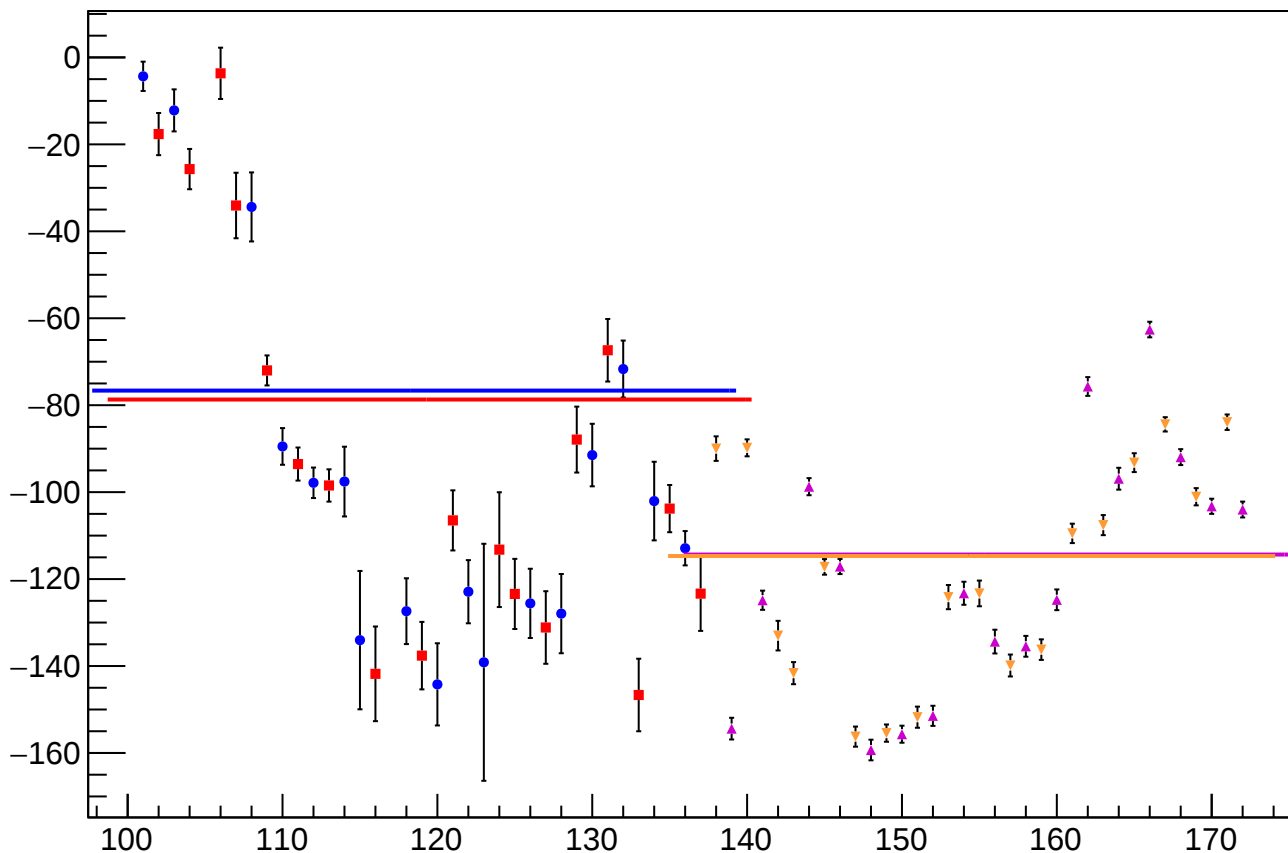
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 24.488 $\pm$ 0.343 χ^2 /NDF:1797.1/33

Out: 24.626 $\pm$ 0.343 χ^2 /NDF:2054.1/35

All: 24.557 $\pm$ 0.243 χ^2 /NDF: 3851.3/69

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: -114.695 ± 0.522 $\chi^2/\text{NDF}: 2357.6/17$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -114.356 ± 0.512 $\chi^2/\text{NDF}: 2992.2/16$

Left: -114.522 ± 0.365 $\chi^2/\text{NDF}: 5350.0/34$

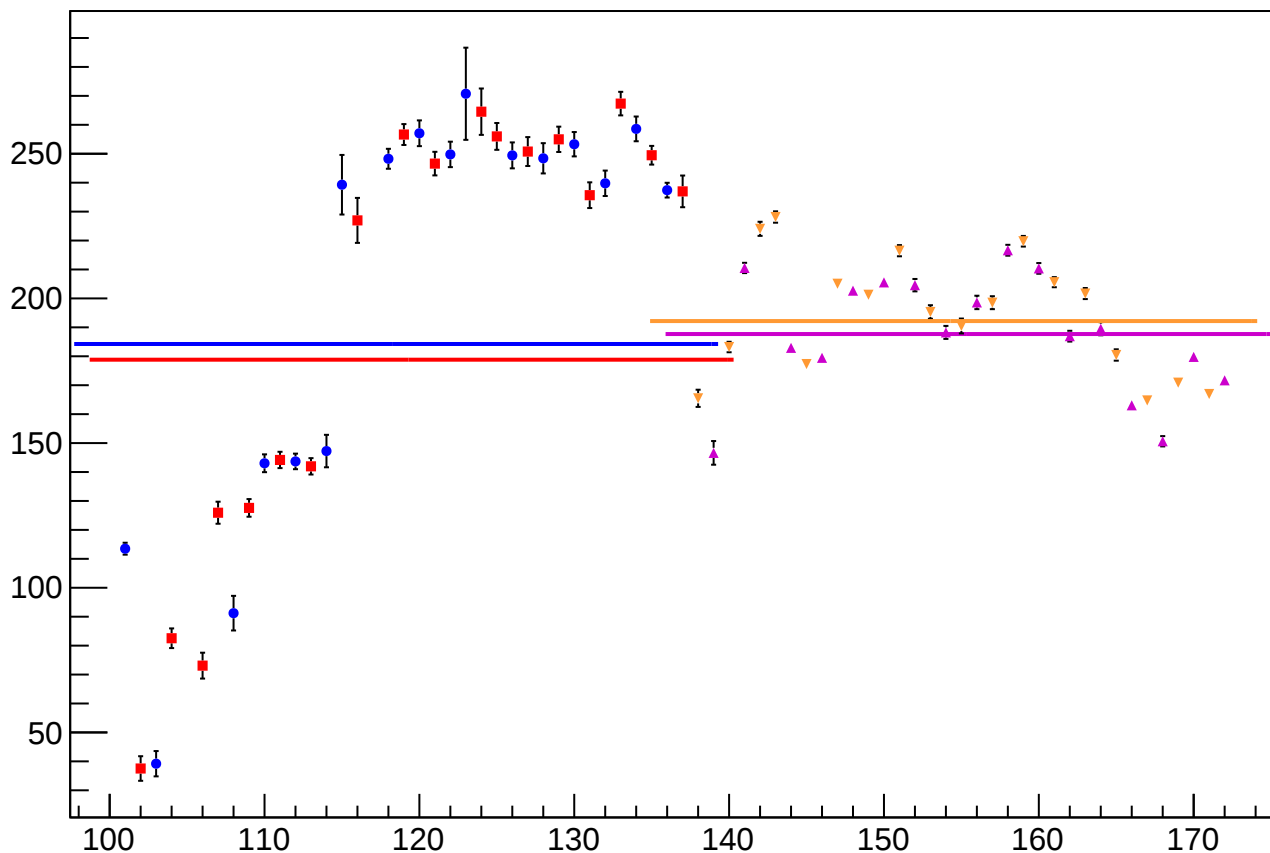
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -109.992 ± 0.481 $\chi^2/\text{NDF}: 4661.4/33$

Out: -110.071 ± 0.487 $\chi^2/\text{NDF}: 3804.8/35$

All: -110.031 ± 0.342 $\chi^2/\text{NDF}: 8466.2/69$

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: 192.171 $\pm$ 0.438 χ^2 /NDF:2094.5/17

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 187.689 $\pm$ 0.436 χ^2 /NDF:1762.7/16

Left: 189.922 $\pm$ 0.309 χ^2 /NDF: 3909.7/34

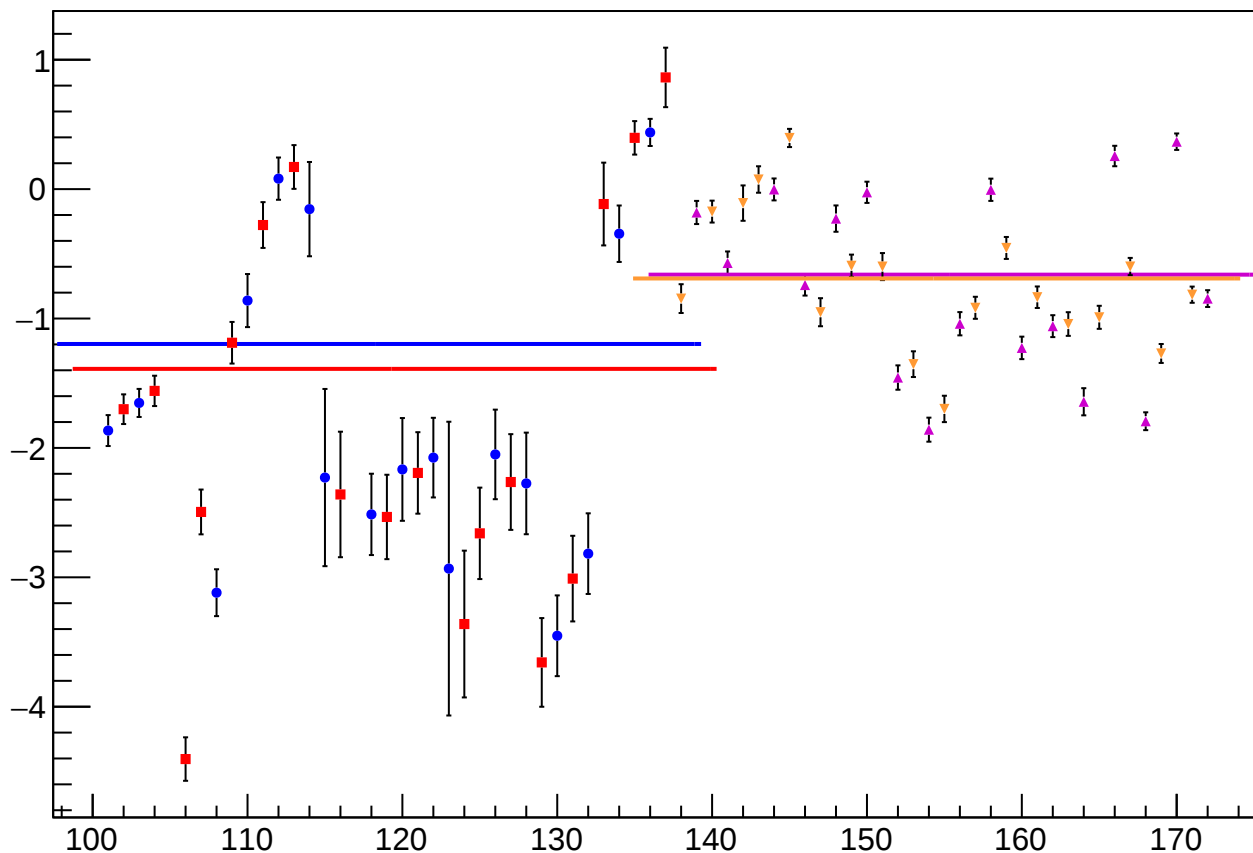
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 187.051 $\pm$ 0.394 χ^2 /NDF:7162.8/33

Out: 189.730 $\pm$ 0.396 χ^2 /NDF:8435.3/35

All: 188.384 $\pm$ 0.279 χ^2 /NDF: 15621.1/69

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.691 ± 0.020 χ^2/NDF : 614.3/17

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.661 ± 0.020 χ^2/NDF : 1309.6/16

Left: -0.676 ± 0.014 χ^2/NDF : 1925.0/34

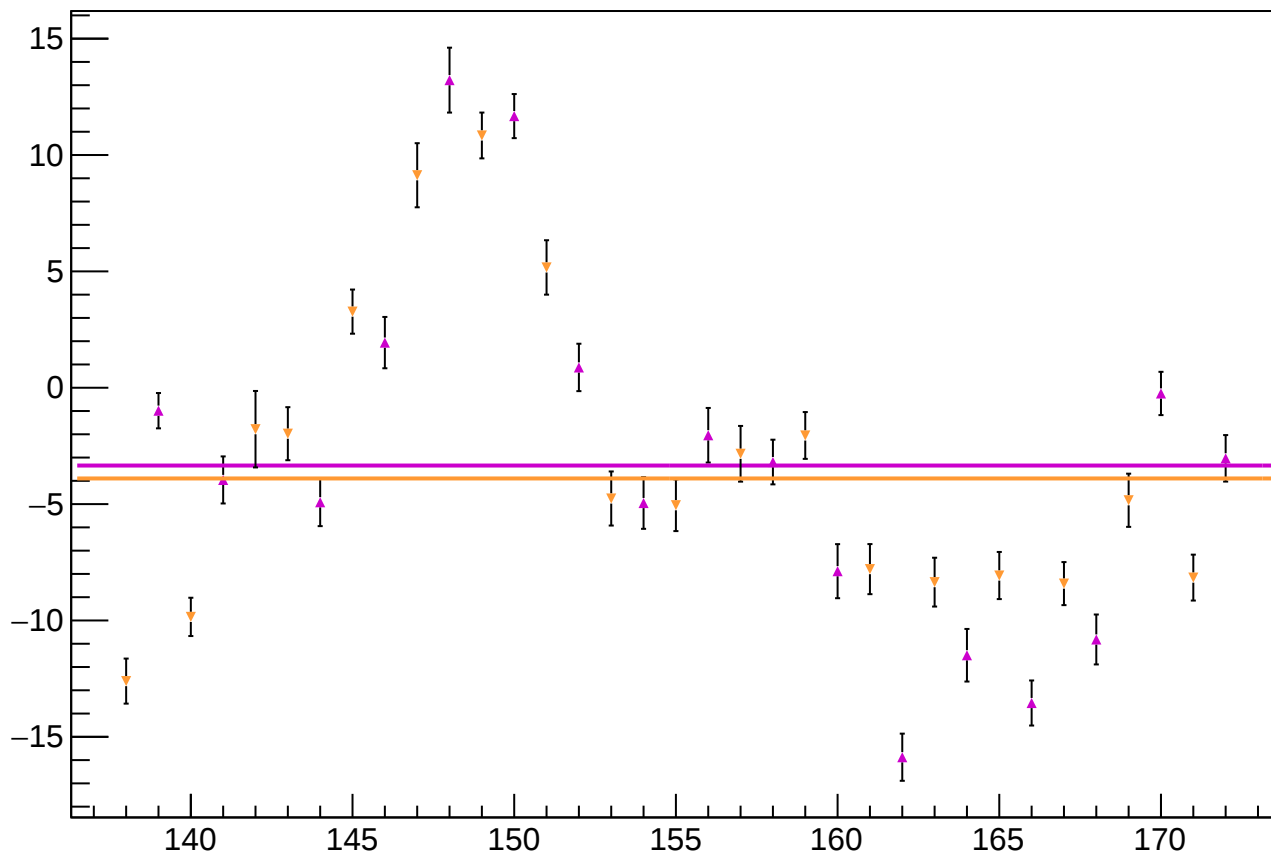
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.740 ± 0.018 χ^2/NDF : 2036.8/33

Out: -0.805 ± 0.019 χ^2/NDF : 1729.0/35

All: -0.772 ± 0.013 χ^2/NDF : 3771.7/69

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



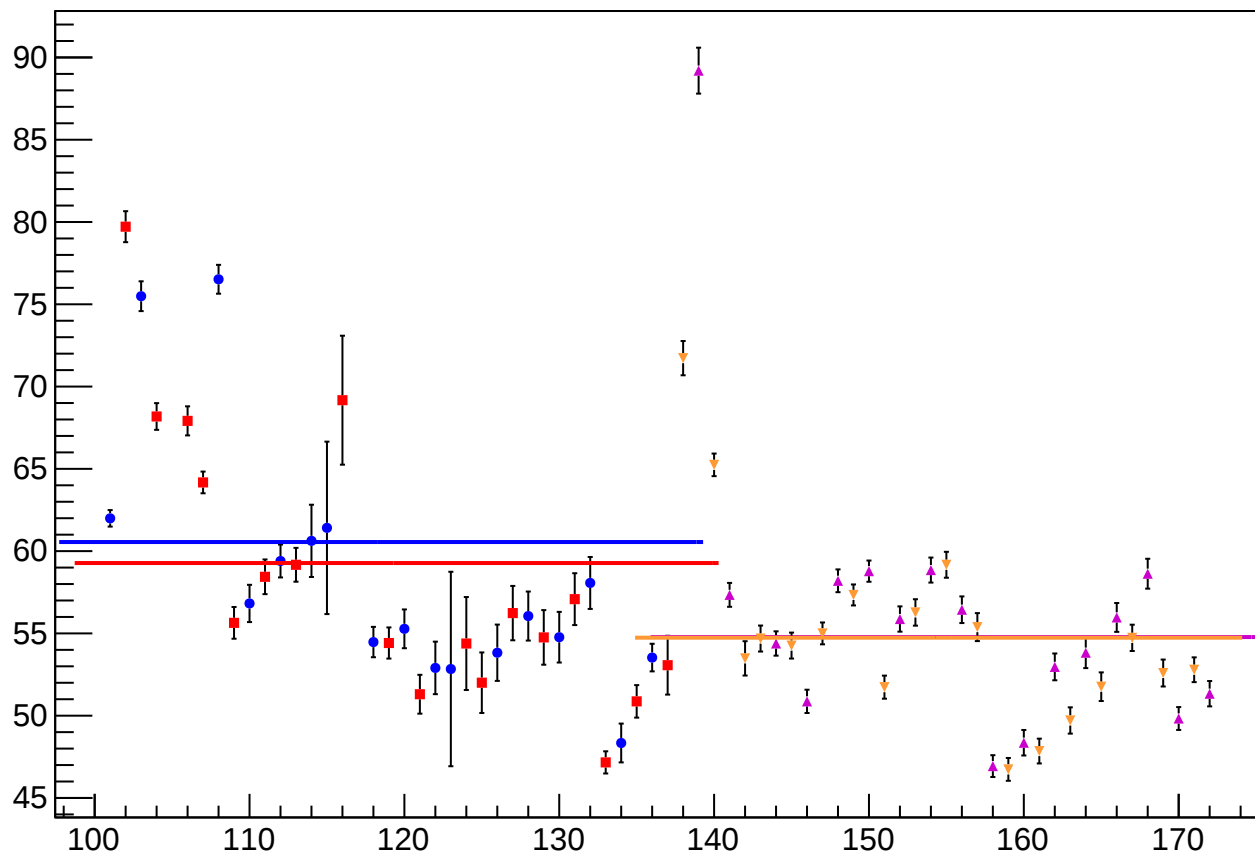
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.898+/-0.250 χ^2/NDF : 665.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.343+/-0.248 χ^2/NDF : 839.3/16

Left: -3.618+/-0.176 χ^2/NDF : 1507.5/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.343+/-0.248 χ^2/NDF : 839.3/16
 Out: -3.898+/-0.250 χ^2/NDF : 665.8/17

All: -3.618+/-0.176 χ^2/NDF : 1507.5/34

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 54.740 $\pm$ 0.182 χ^2 /NDF:854.8/17

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 54.779 $\pm$ 0.187 χ^2 /NDF:1054.1/16

Left: 54.759 $\pm$ 0.131 χ^2 /NDF: 1908.9/34

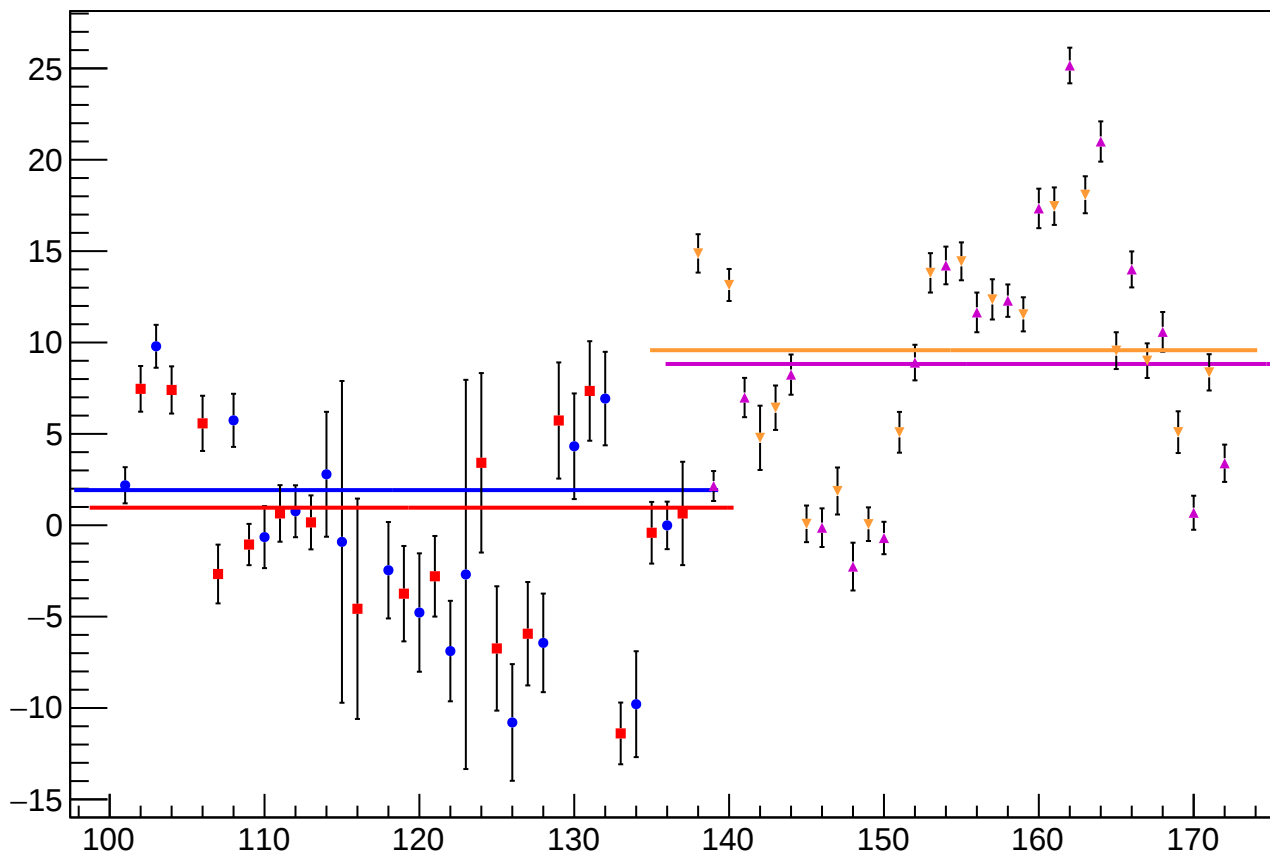
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 56.732 $\pm$ 0.152 χ^2 /NDF:2306.9/33

Out: 56.326 $\pm$ 0.147 χ^2 /NDF:2345.6/35

All: 56.522 $\pm$ 0.106 χ^2 /NDF: 4656.2/69

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 9.578+/-0.247 χ^2/NDF : 500.4/17

Right Out: 0.962+/-0.430 χ^2/NDF : 150.1/17

Left In: 8.825+/-0.244 χ^2/NDF : 977.7/16

Left: 9.197+/-0.174 χ^2/NDF : 1482.9/34

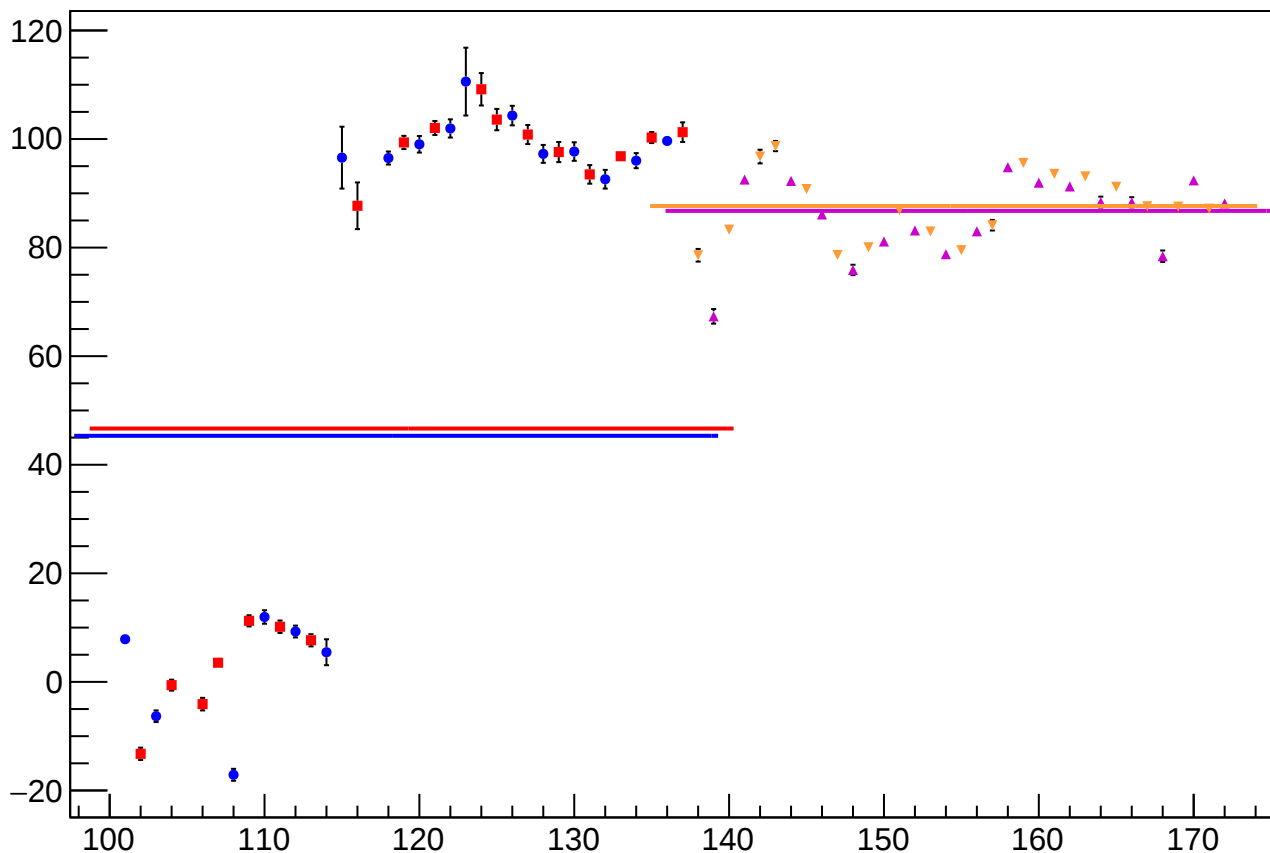
Right: 1.411+/-0.313 χ^2/NDF : 273.5/34

In: 7.299+/-0.215 χ^2/NDF : 1275.5/33

Out: 7.436+/-0.214 χ^2/NDF : 952.7/35

All: 7.368+/-0.152 χ^2/NDF : 2228.4/69

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: 87.657 $\pm$ 0.209 χ^2 /NDF: 837.7/17

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.765 $\pm$ 0.212 χ^2 /NDF: 920.4/16

Left: 87.217 $\pm$ 0.149 χ^2 /NDF: 1767.0/34

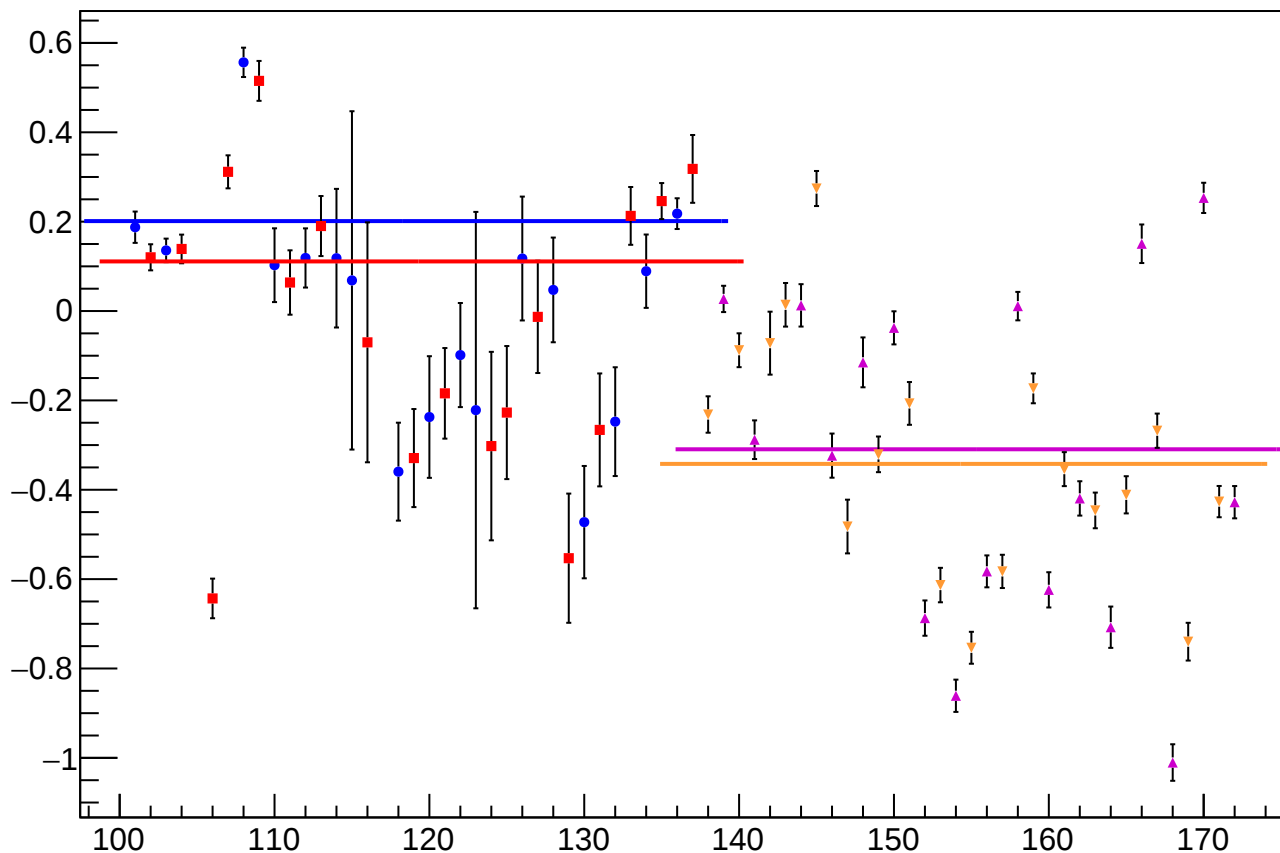
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 73.141 $\pm$ 0.174 χ^2 /NDF: 38428.6/33

Out: 73.660 $\pm$ 0.170 χ^2 /NDF: 41816.9/35

All: 73.407 $\pm$ 0.122 χ^2 /NDF: 80250.1/69

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.342 ± 0.010 χ^2/NDF : 738.2/17

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.309 ± 0.009 χ^2/NDF : 1568.6/16

Left: -0.325 ± 0.007 χ^2/NDF : 2312.8/34

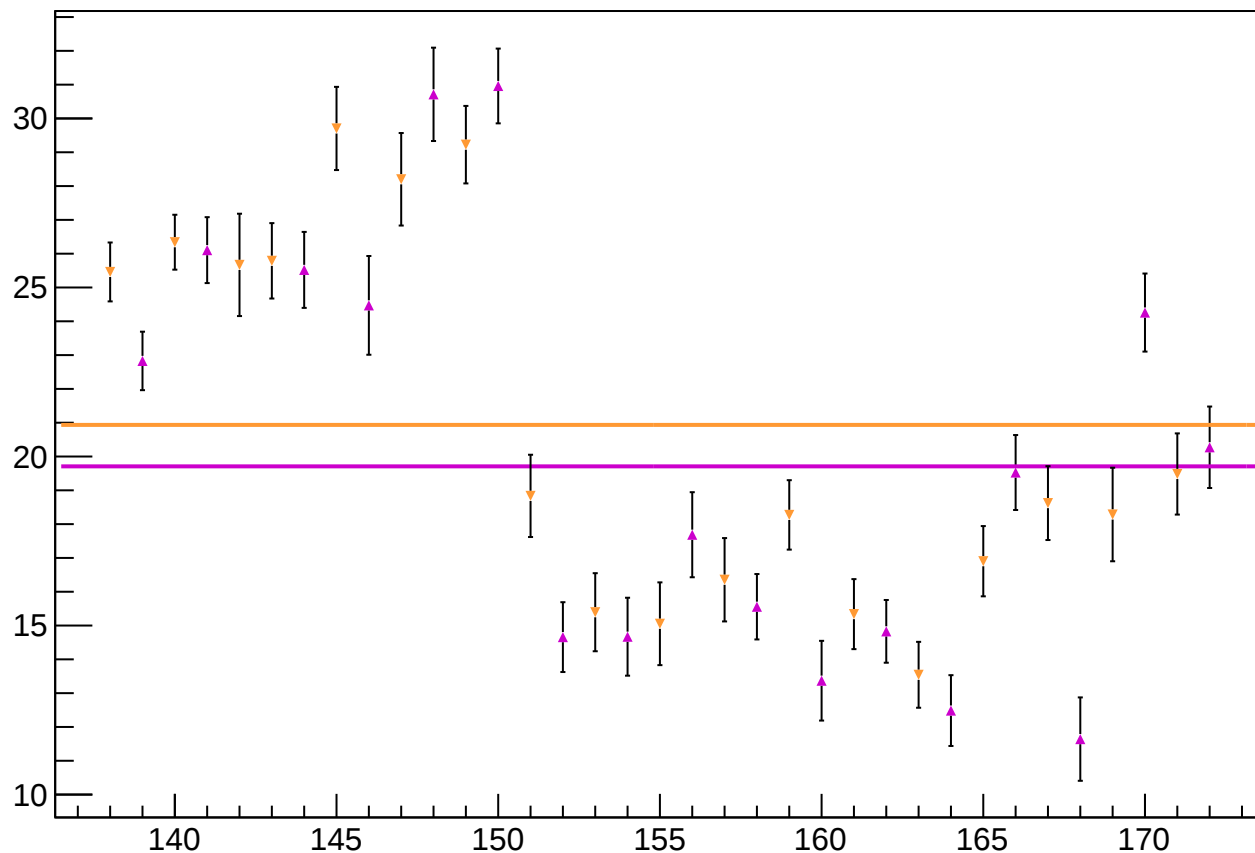
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.152 ± 0.008 χ^2/NDF : 2699.7/33

Out: -0.186 ± 0.008 χ^2/NDF : 2002.9/35

All: -0.169 ± 0.005 χ^2/NDF : 4712.3/69

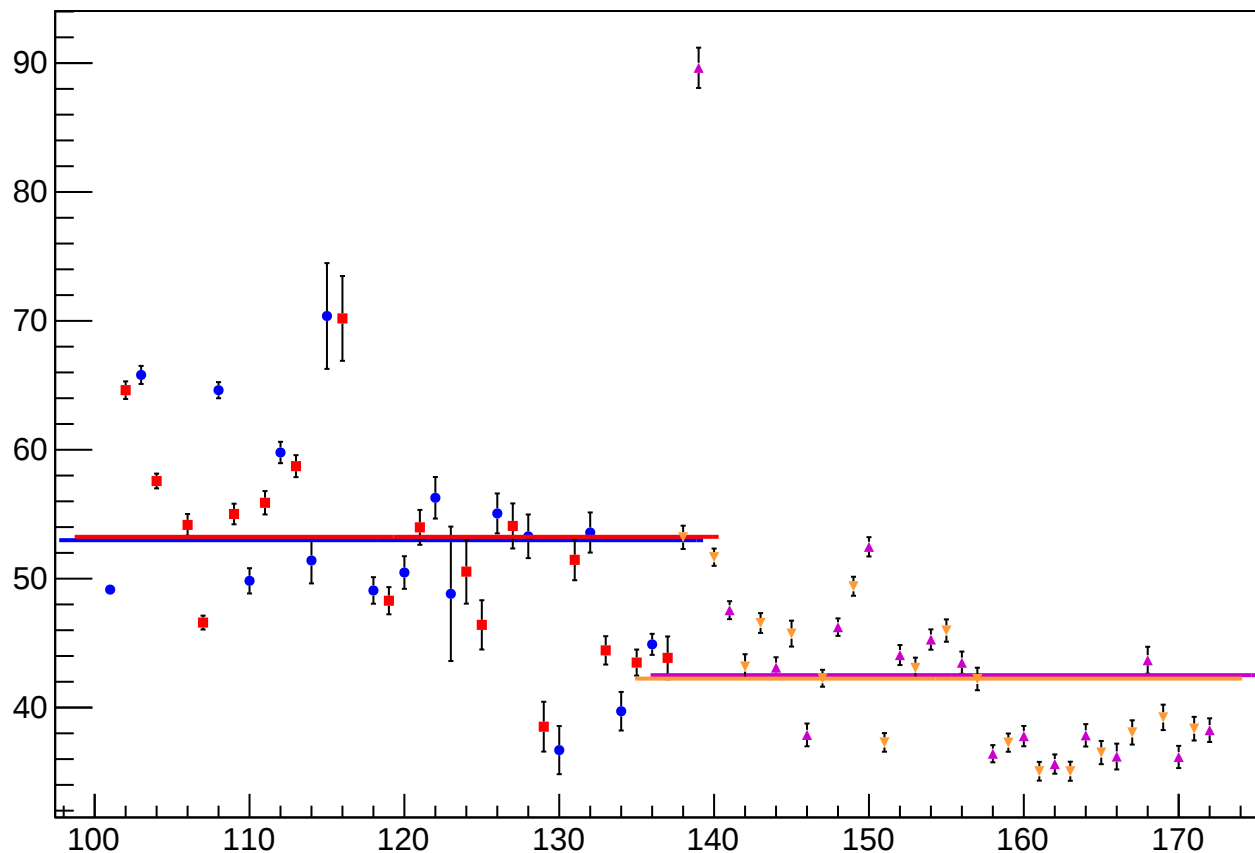
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.709 $\pm$ 0.266 χ^2 /NDF:487.2/16

Left: 20.335 $\pm$ 0.186 χ^2 /NDF: 910.3/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.709 $\pm$ 0.266 χ^2 /NDF:487.2/16
 Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 All: 20.335 $\pm$ 0.186 χ^2 /NDF: 910.3/34

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: 42.247 $\pm$ 0.190 χ^2 /NDF:878.7/17

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 42.515 $\pm$ 0.199 χ^2 /NDF:1564.4/16

Left: 42.375 $\pm$ 0.137 χ^2 /NDF: 2444.1/34

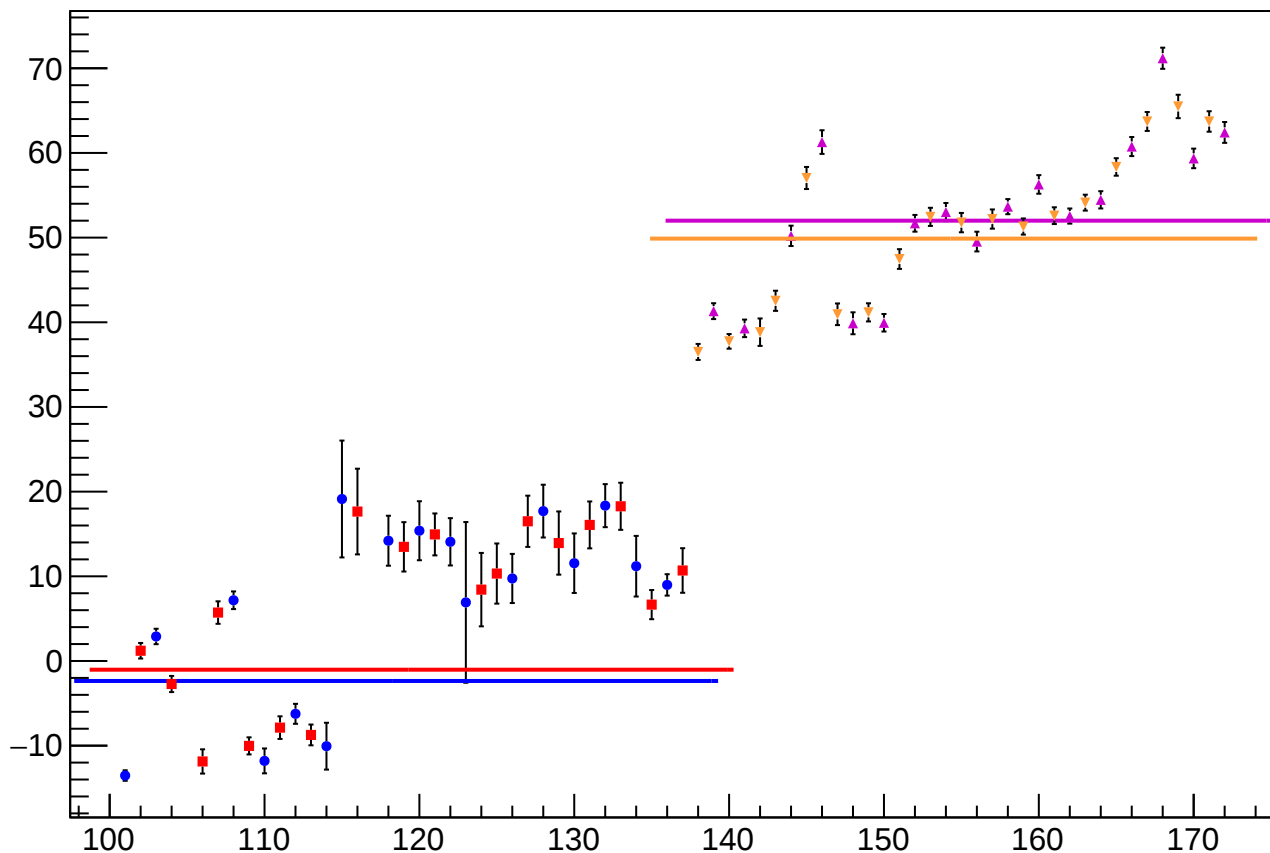
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 47.457 $\pm$ 0.144 χ^2 /NDF:4070.9/33

Out: 46.759 $\pm$ 0.146 χ^2 /NDF:3115.7/35

All: 47.111 $\pm$ 0.103 χ^2 /NDF: 7198.2/69

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 49.884 ± 0.258 $\chi^2/\text{NDF}: 1152.9/17$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 52.000 ± 0.262 $\chi^2/\text{NDF}: 989.5/16$

Left: 50.928 ± 0.184 $\chi^2/\text{NDF}: 2175.5/34$

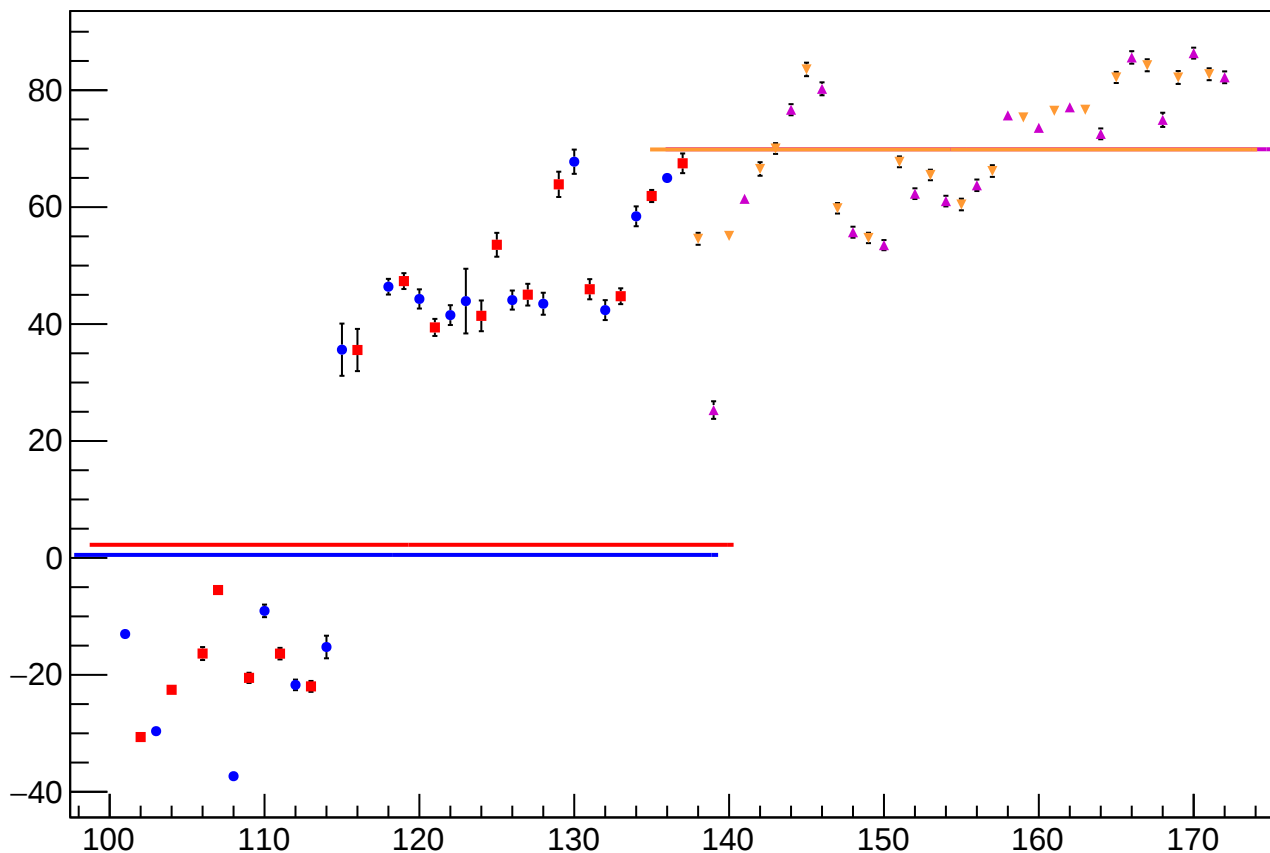
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 33.463 ± 0.213 $\chi^2/\text{NDF}: 16513.9/33$

Out: 33.794 ± 0.214 $\chi^2/\text{NDF}: 13922.0/35$

All: 33.628 ± 0.151 $\chi^2/\text{NDF}: 30437.1/69$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 69.864+/-0.218 χ^2/NDF :2102.0/17

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 69.899+/-0.226 χ^2/NDF :2774.7/16

Left: 69.881+/-0.157 χ^2/NDF : 4876.8/34

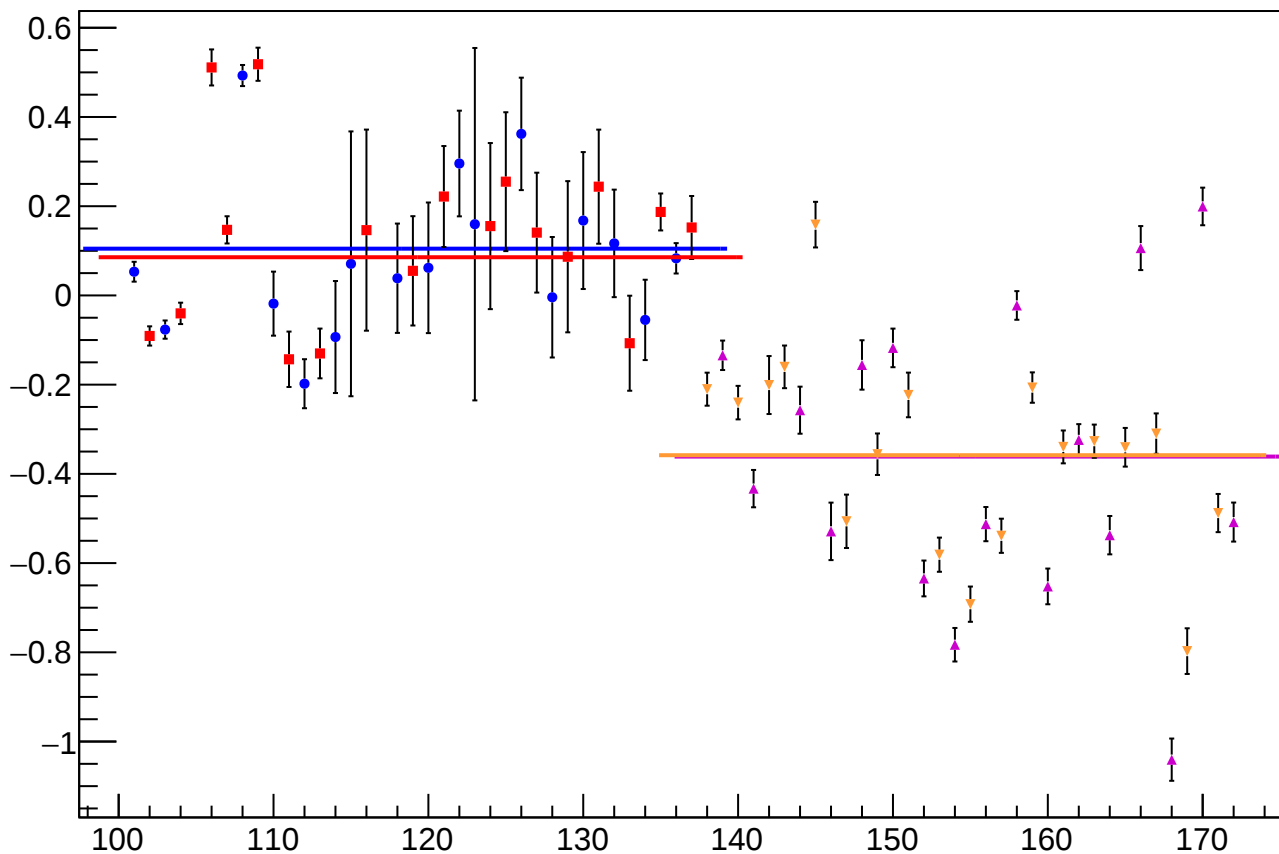
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 38.261+/-0.167 χ^2/NDF :64108.2/33

Out: 42.837+/-0.169 χ^2/NDF :55863.2/35

All: 40.518+/-0.119 χ^2/NDF : 120342.9/69

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.358 ± 0.010 $\chi^2/\text{NDF}: 396.8/17$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.361 ± 0.010 $\chi^2/\text{NDF}: 960.2/16$

Left: -0.360 ± 0.007 $\chi^2/\text{NDF}: 1357.0/34$

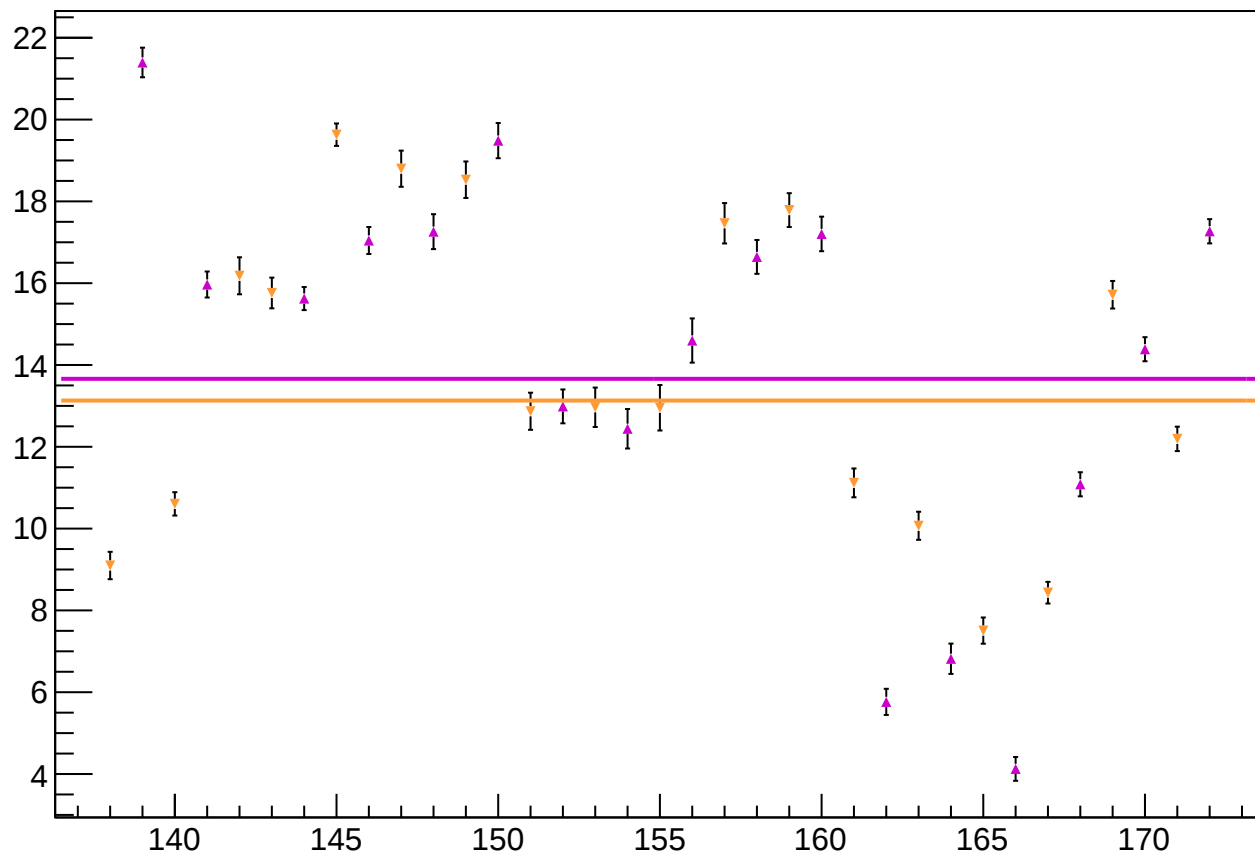
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.149 ± 0.007 $\chi^2/\text{NDF}: 2333.1/33$

Out: -0.158 ± 0.007 $\chi^2/\text{NDF}: 1665.2/35$

All: -0.154 ± 0.005 $\chi^2/\text{NDF}: 3999.0/69$

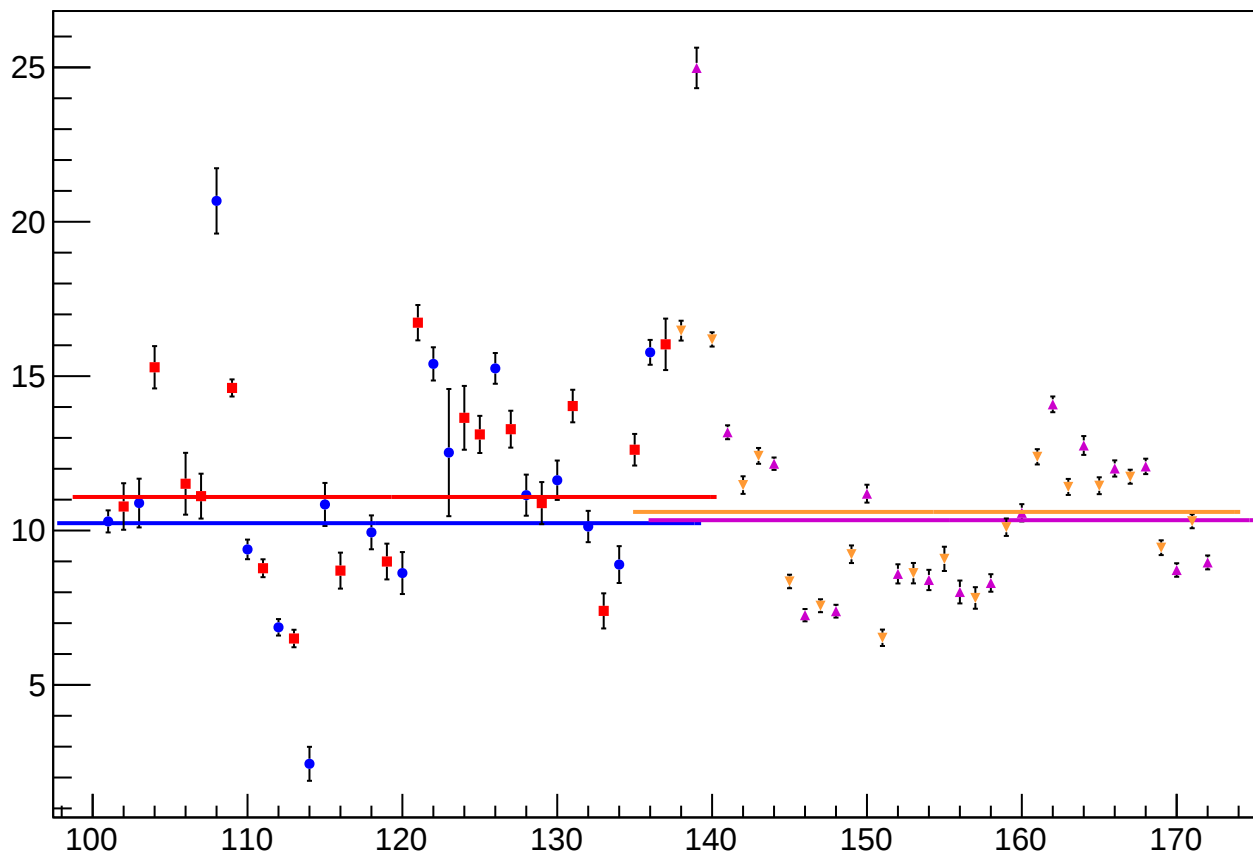
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.131+/-0.085 χ^2/NDF :2198.4/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.662+/-0.085 χ^2/NDF :3306.3/16

Left: 13.395+/-0.060 χ^2/NDF : 5524.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.662+/-0.085 χ^2/NDF :3306.3/16
 Out: 13.131+/-0.085 χ^2/NDF :2198.4/17
 All: 13.395+/-0.060 χ^2/NDF : 5524.3/34

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: 10.603 ± 0.062 $\chi^2/\text{NDF}: 1789.2/17$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 10.335 ± 0.062 $\chi^2/\text{NDF}: 1808.7/16$

Left: 10.470 ± 0.044 $\chi^2/\text{NDF}: 3607.2/34$

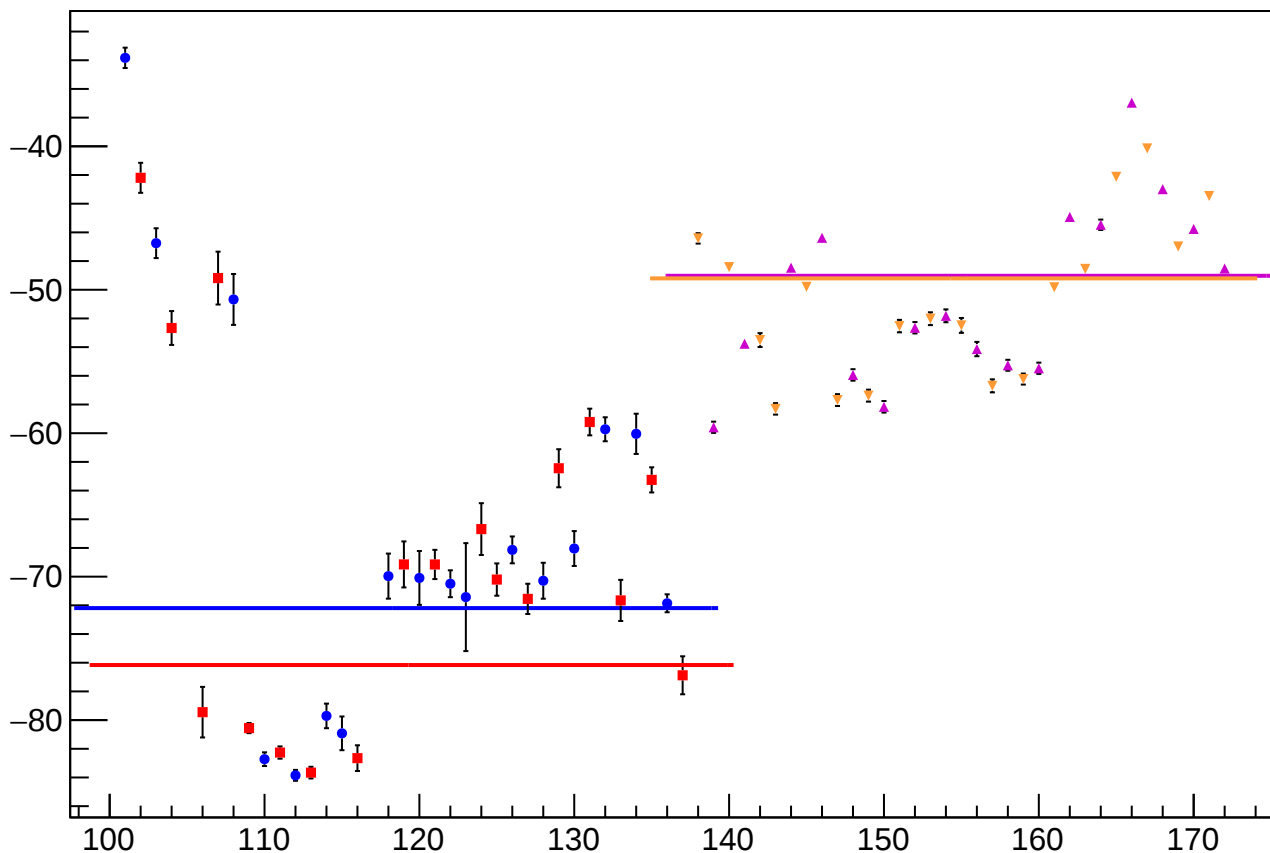
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 10.314 ± 0.055 $\chi^2/\text{NDF}: 2676.6/33$

Out: 10.709 ± 0.054 $\chi^2/\text{NDF}: 2603.7/35$

All: 10.514 ± 0.039 $\chi^2/\text{NDF}: 5306.1/69$

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: -49.207 ± 0.085 $\chi^2/\text{NDF}: 4242.5/17$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -49.026 ± 0.084 $\chi^2/\text{NDF}: 5041.3/16$

Left: -49.116 ± 0.060 $\chi^2/\text{NDF}: 9286.1/34$

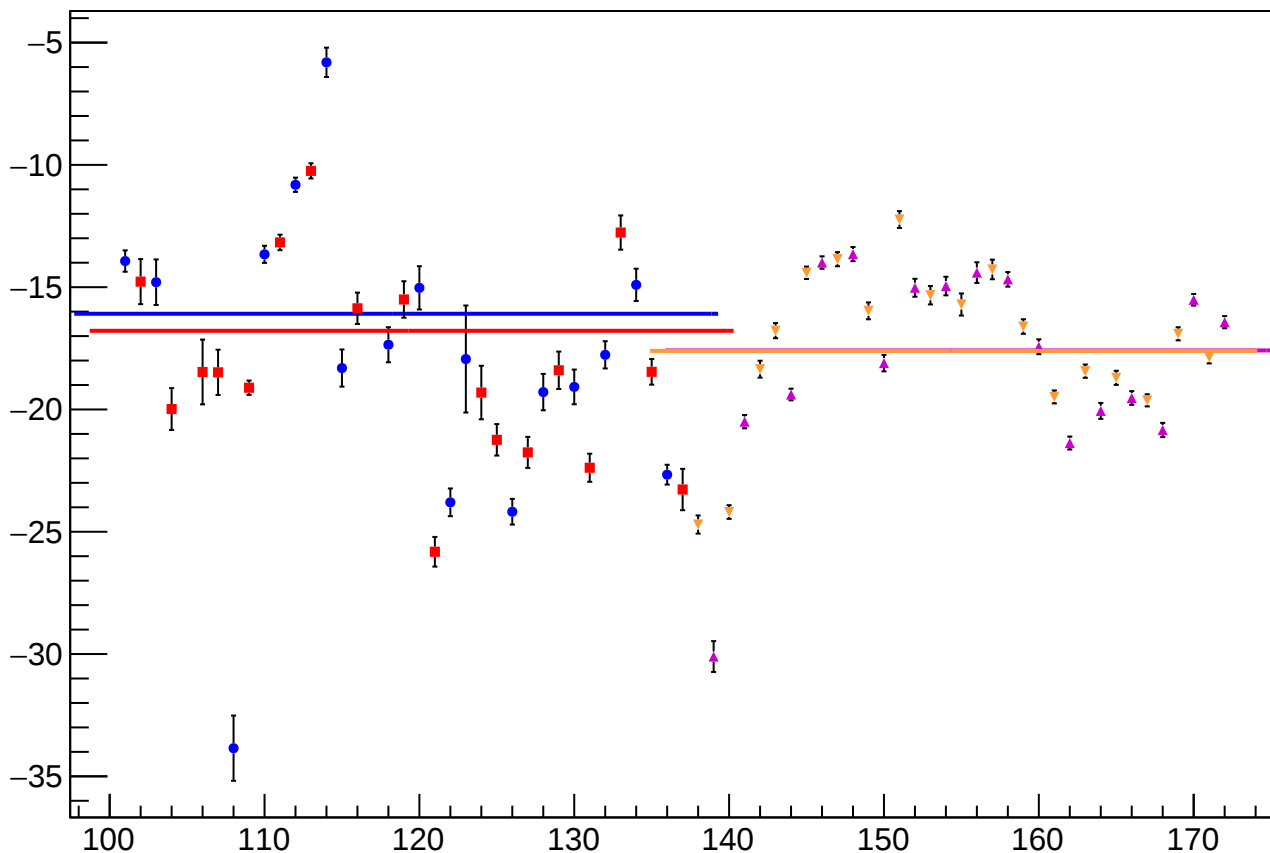
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -52.580 ± 0.078 $\chi^2/\text{NDF}: 22177.5/33$

Out: -54.047 ± 0.077 $\chi^2/\text{NDF}: 25614.0/35$

All: -53.321 ± 0.055 $\chi^2/\text{NDF}: 47971.8/69$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.605 ± 0.071 χ^2/NDF : 1805.0/17

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.586 ± 0.072 χ^2/NDF : 1732.3/16

Left: -17.596 ± 0.051 χ^2/NDF : 3537.4/34

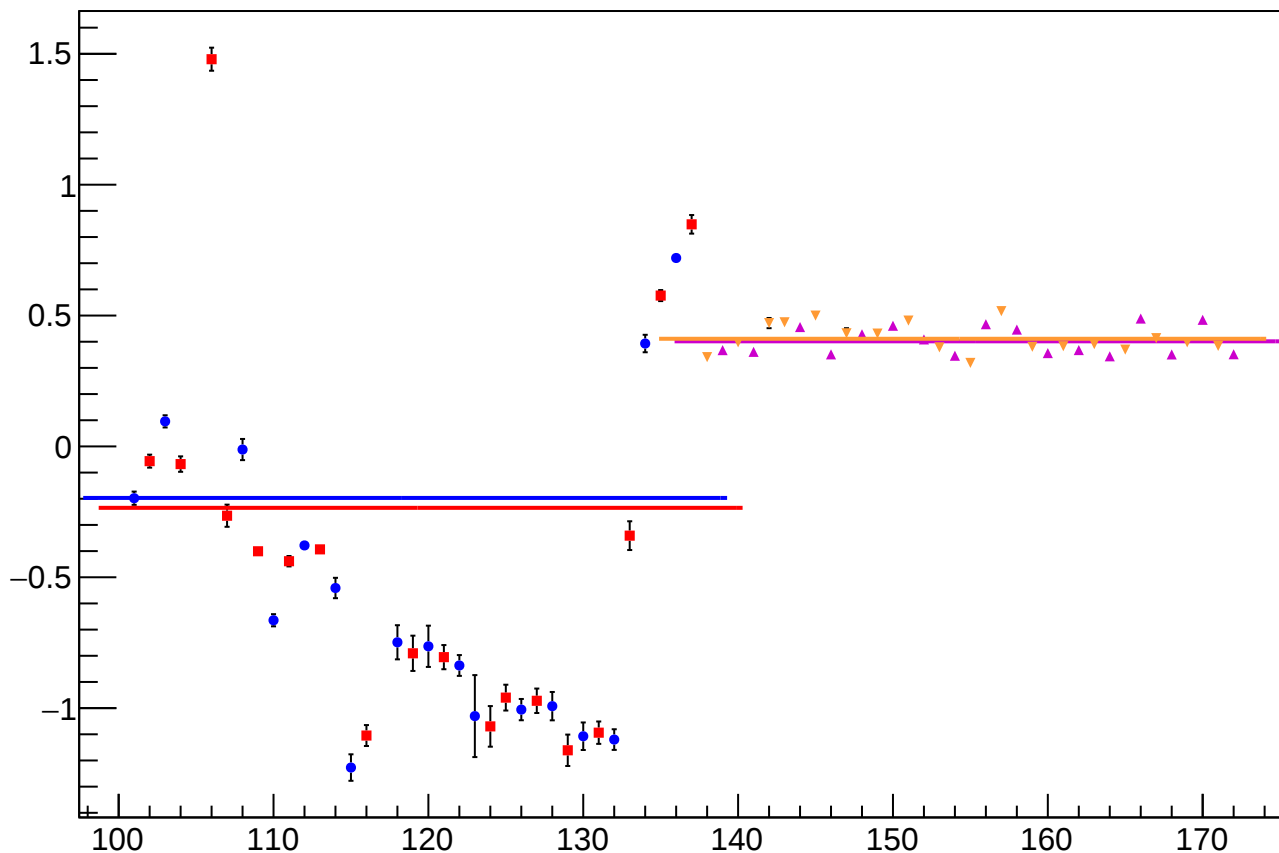
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.245 ± 0.063 χ^2/NDF : 3453.0/33

Out: -17.412 ± 0.062 χ^2/NDF : 3040.9/35

All: -17.330 ± 0.044 χ^2/NDF : 6497.5/69

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.411 ± 0.003 χ^2/NDF : 233.6/17

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.402 ± 0.003 χ^2/NDF : 272.3/16

Left: 0.406 ± 0.002 χ^2/NDF : 510.3/34

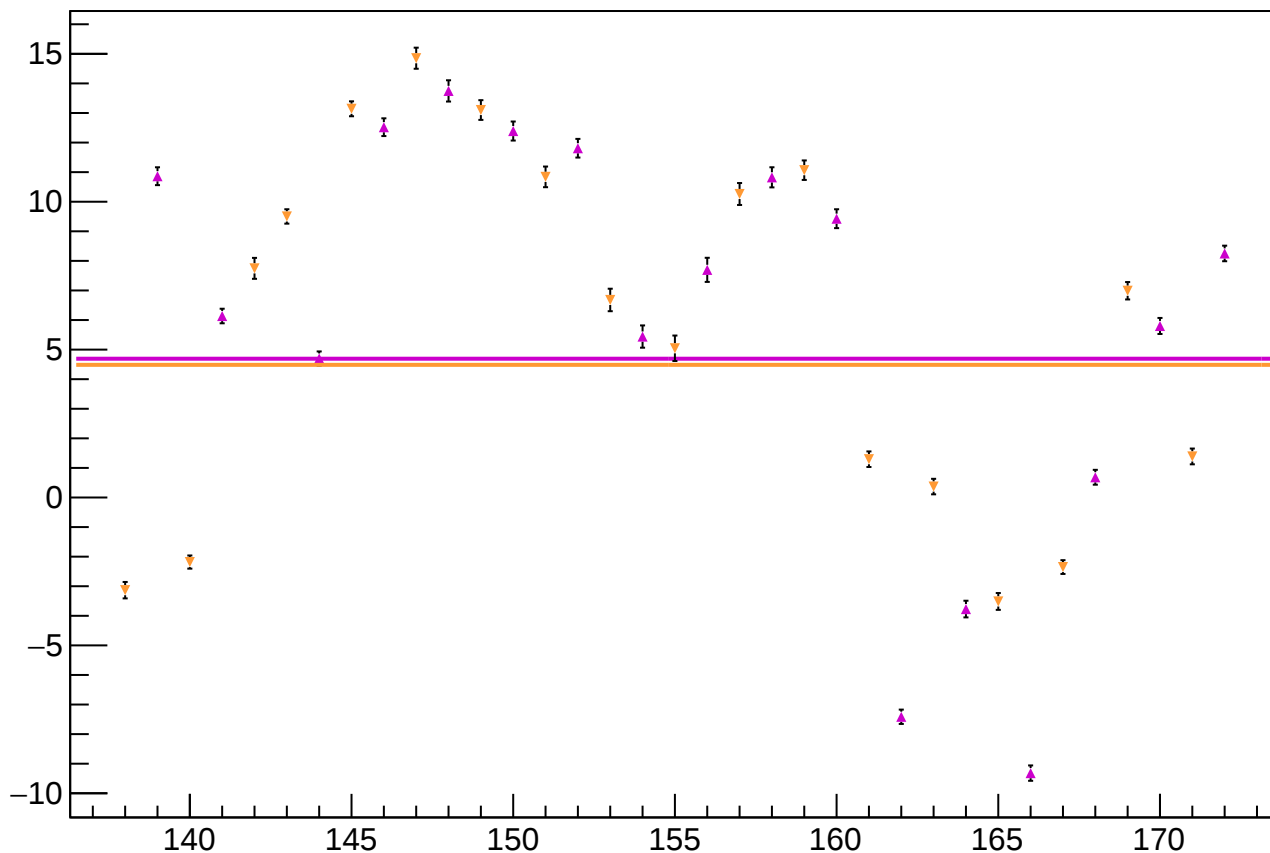
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.305 ± 0.003 χ^2/NDF : 11877.0/33

Out: 0.298 ± 0.003 χ^2/NDF : 13099.7/35

All: 0.302 ± 0.002 χ^2/NDF : 24979.5/69

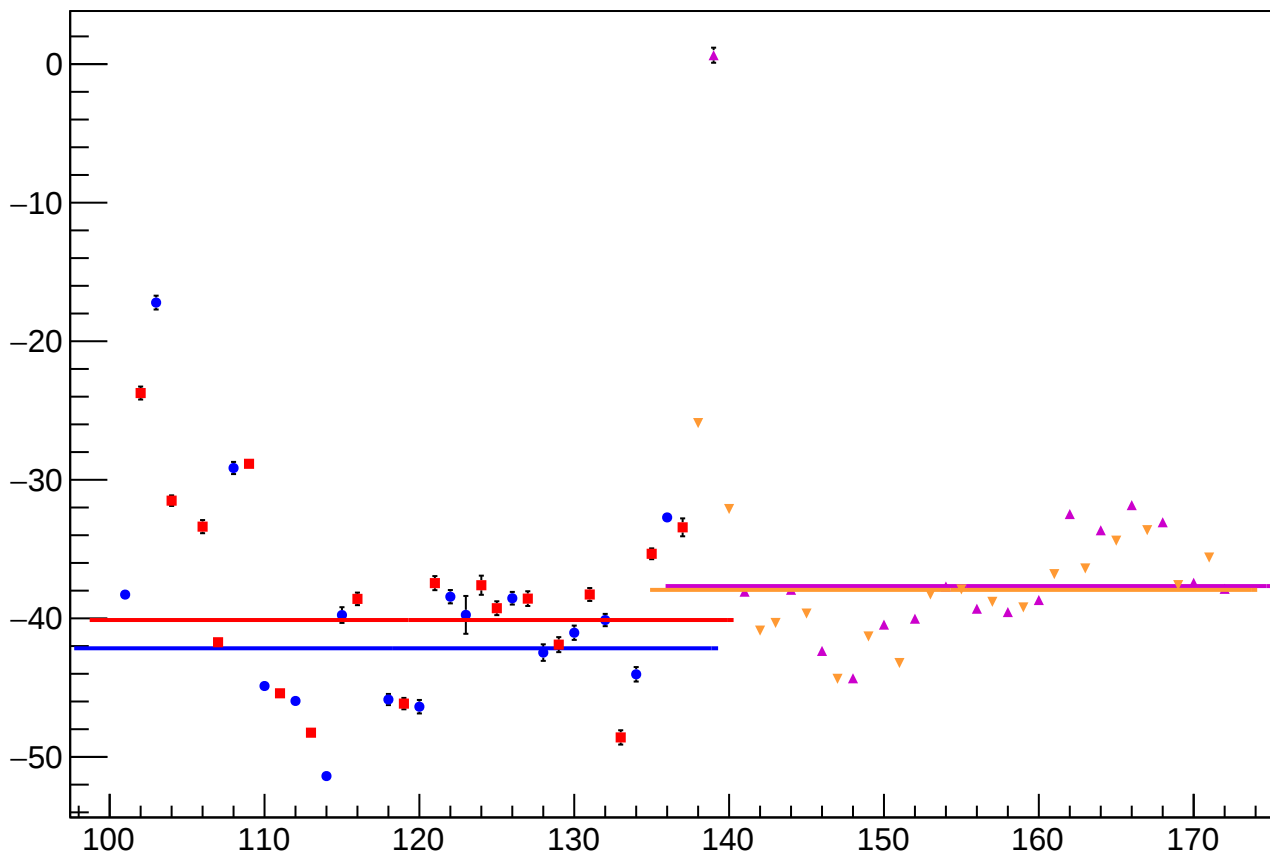
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 4.485 $\pm$ 0.069 χ^2/NDF :8108.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 4.692 $\pm$ 0.070 χ^2/NDF :10214.5/16

Left: 4.586 $\pm$ 0.049 χ^2/NDF : 18326.9/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 4.692 $\pm$ 0.070 χ^2/NDF :10214.5/16
 Out: 4.485 $\pm$ 0.069 χ^2/NDF :8108.0/17
 All: 4.586 $\pm$ 0.049 χ^2/NDF : 18326.9/34

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -37.945 ± 0.050 χ^2/NDF : 6771.8/17

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -37.669 ± 0.052 χ^2/NDF : 9513.8/16

Left: -37.813 ± 0.036 χ^2/NDF : 16300.4/34

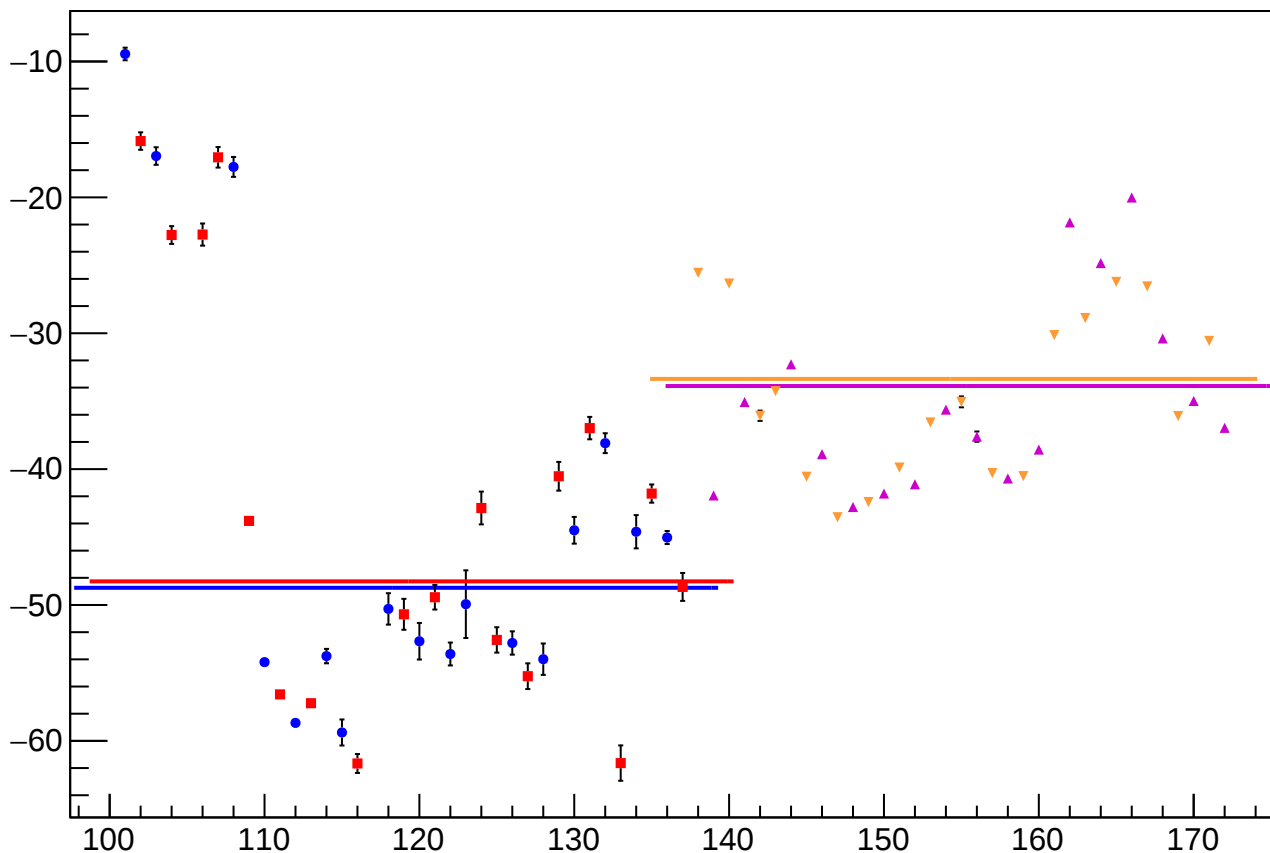
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -39.043 ± 0.043 χ^2/NDF : 18390.2/33

Out: -38.633 ± 0.041 χ^2/NDF : 18265.5/35

All: -38.828 ± 0.030 χ^2/NDF : 36703.1/69

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2 /NDF: 14659.4/16

Left Out: -33.360 $\pm$ 0.068 χ^2 /NDF: 7676.8/17

Right Out: -48.261 $\pm$ 0.107 χ^2 /NDF: 11091.7/17

Left In: -33.884 $\pm$ 0.069 χ^2 /NDF: 10610.5/16

Left: -33.618 $\pm$ 0.049 χ^2 /NDF: 18316.2/34

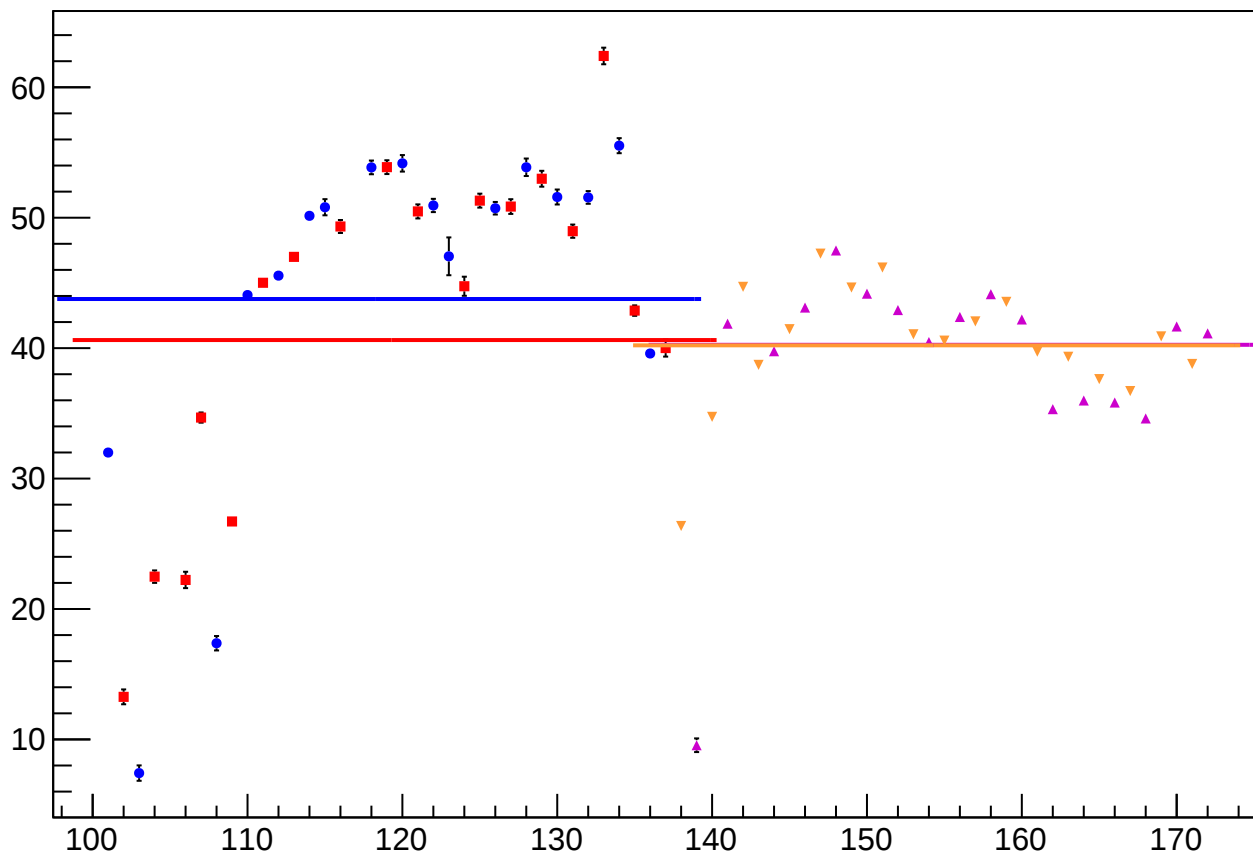
Right: -48.462 $\pm$ 0.081 χ^2 /NDF: 25759.4/34

In: -37.400 $\pm$ 0.061 χ^2 /NDF: 36094.7/33

Out: -37.666 $\pm$ 0.058 χ^2 /NDF: 32445.5/35

All: -37.540 $\pm$ 0.042 χ^2 /NDF: 68550.3/69

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.216 $\pm$ 0.057 χ^2 /NDF: 5351.8/17

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 40.256 $\pm$ 0.059 χ^2 /NDF: 6995.0/16

Left: 40.235 $\pm$ 0.041 χ^2 /NDF: 12347.1/34

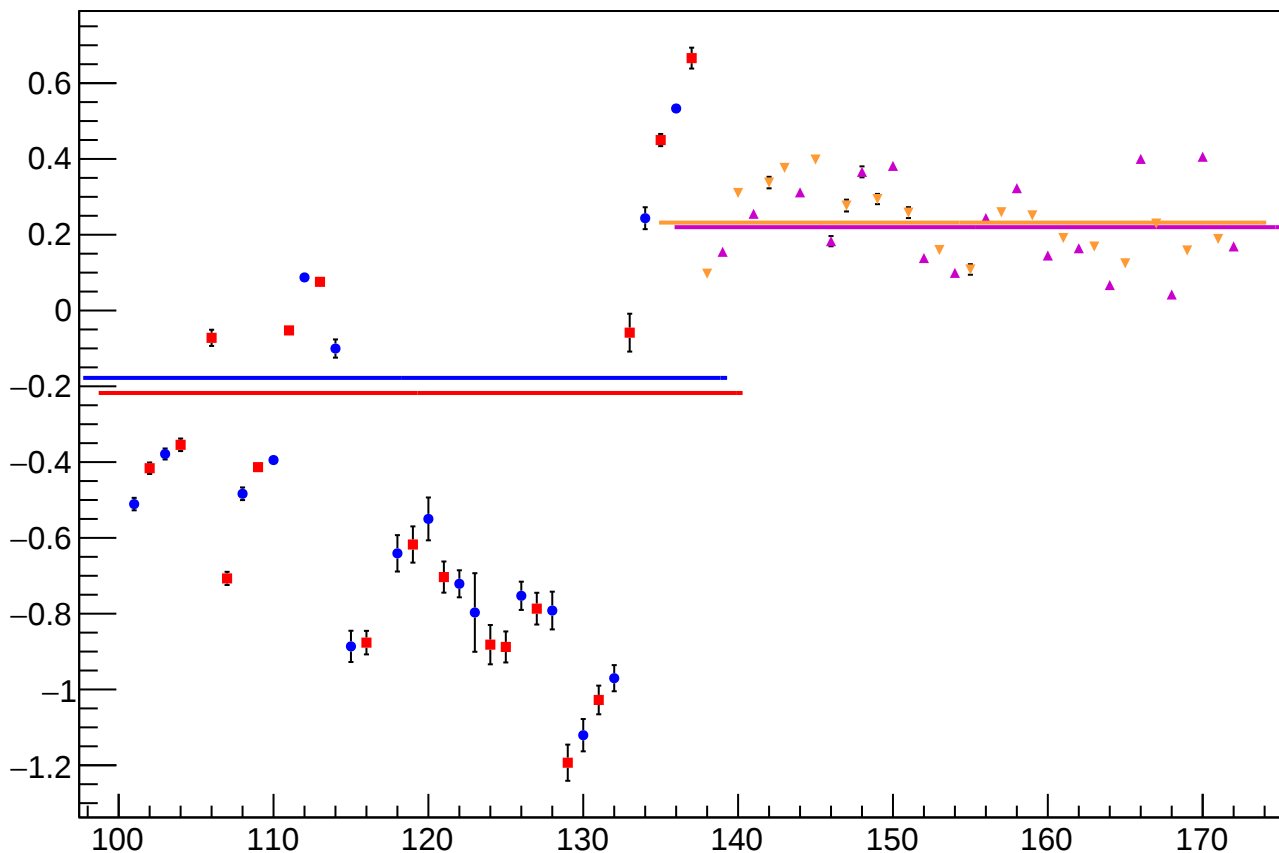
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 41.372 $\pm$ 0.049 χ^2 /NDF: 18744.4/33

Out: 40.352 $\pm$ 0.047 χ^2 /NDF: 22326.1/35

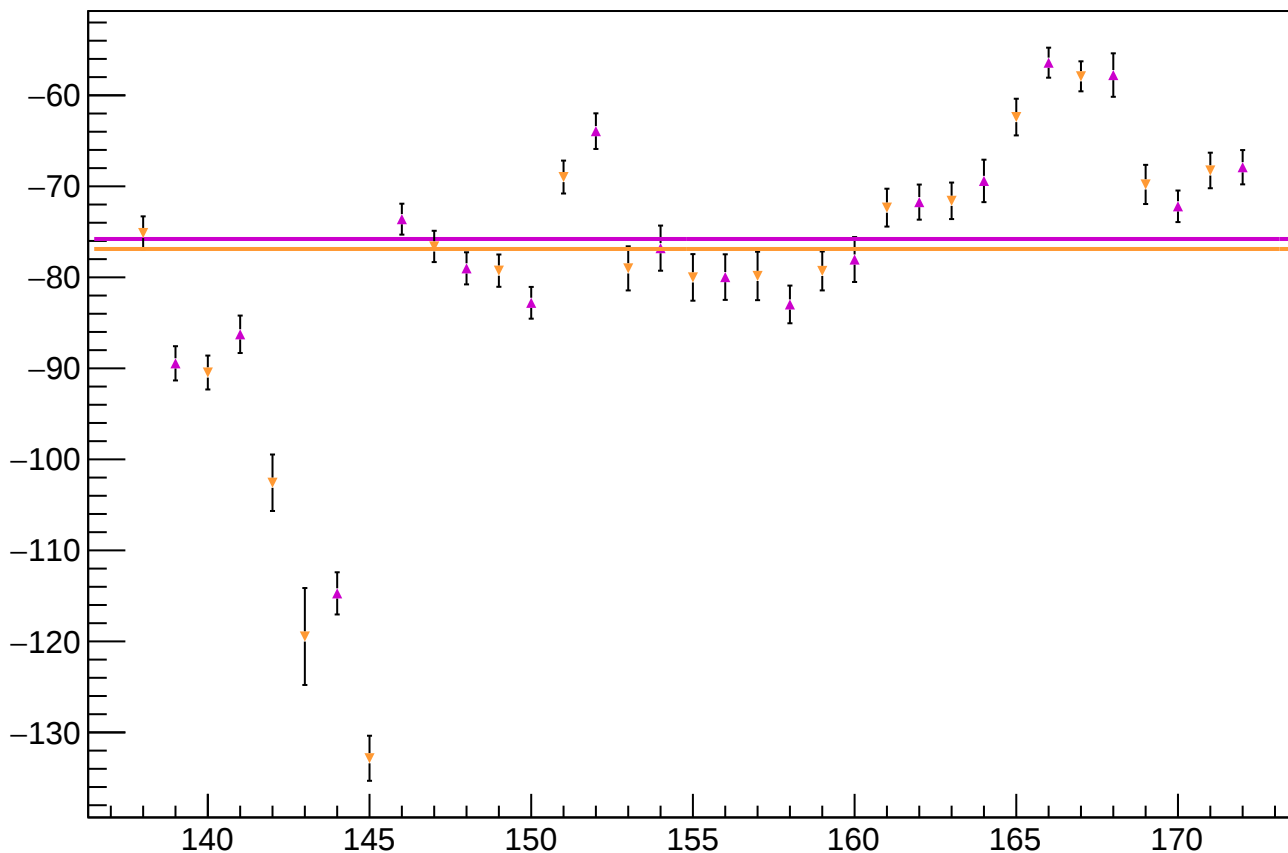
All: 40.837 $\pm$ 0.034 χ^2 /NDF: 41298.1/69

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.226 ± 0.002 χ^2/NDF : 2875.9/34
 Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34
 In: 0.125 ± 0.002 χ^2/NDF : 14327.8/33
 Out: 0.107 ± 0.002 χ^2/NDF : 16332.3/35
 All: 0.115 ± 0.002 χ^2/NDF : 30690.0/69

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



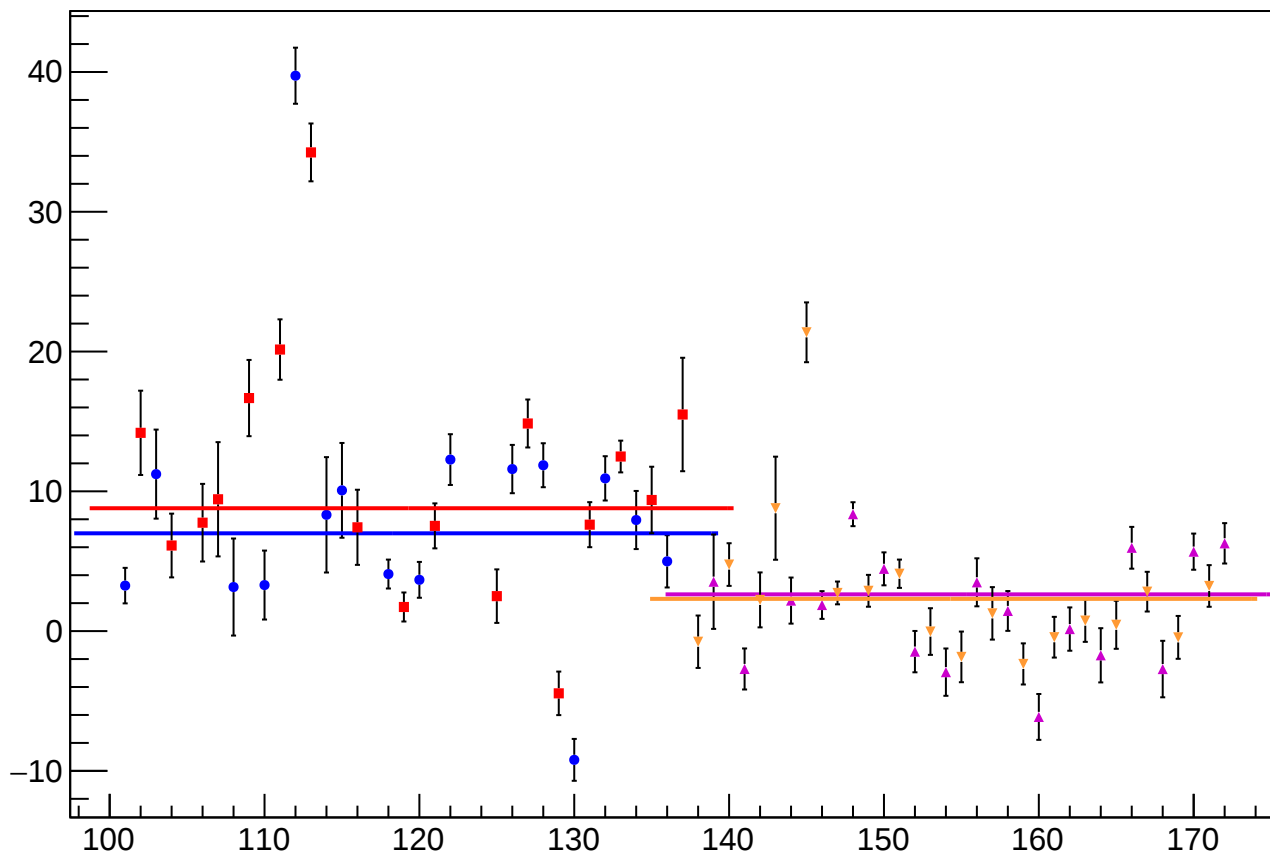
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.884+/-0.494 χ^2/NDF : 949.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -75.785+/-0.483 χ^2/NDF : 663.0/16

Left: -76.322+/-0.345 χ^2/NDF : 1614.8/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.785+/-0.483 χ^2/NDF : 663.0/16
 Out: -76.884+/-0.494 χ^2/NDF : 949.3/17

All: -76.322+/-0.345 χ^2/NDF : 1614.8/34

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.306 ± 0.342 $\chi^2/\text{NDF}: 118.5/17$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.628 ± 0.343 $\chi^2/\text{NDF}: 140.8/16$

Left: 2.467 ± 0.242 $\chi^2/\text{NDF}: 259.7/34$

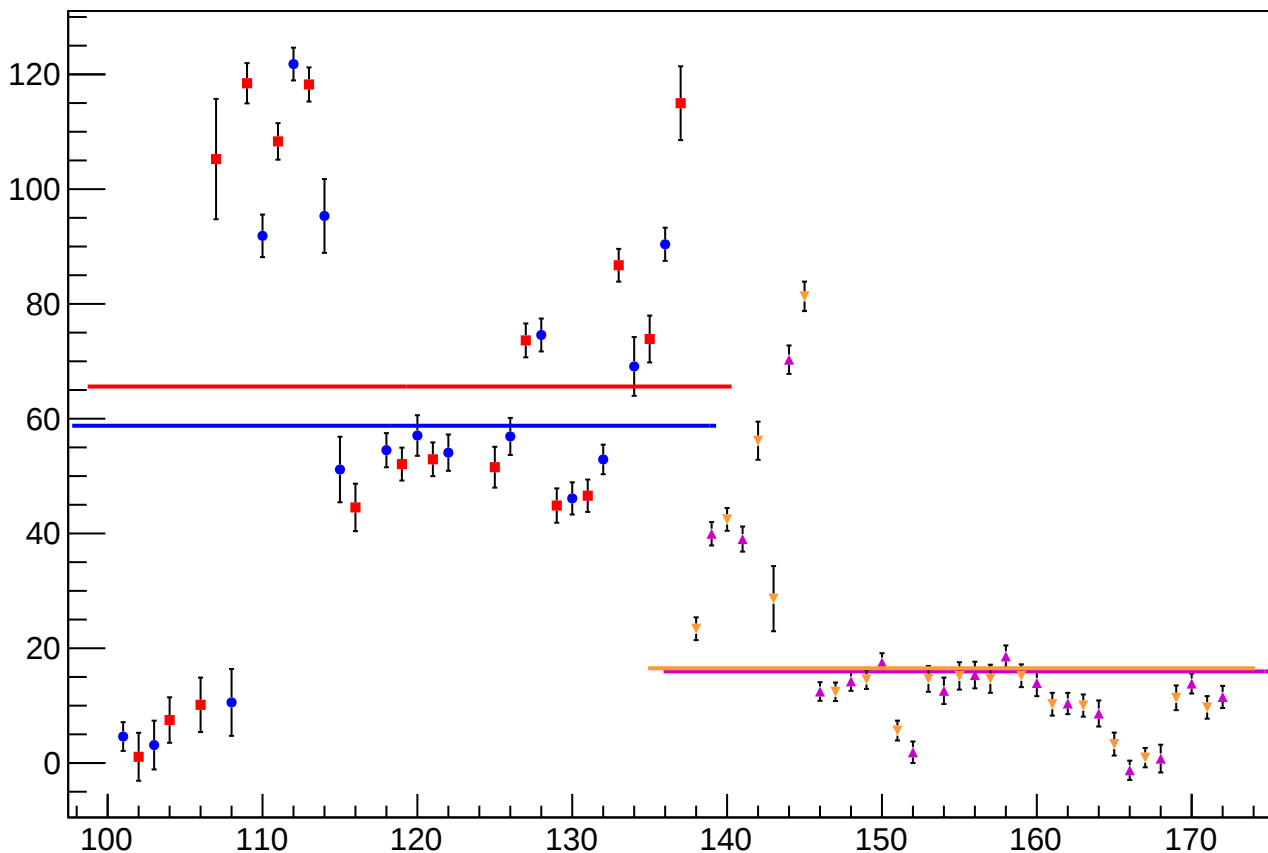
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.309 ± 0.269 $\chi^2/\text{NDF}: 648.4/32$

Out: 4.686 ± 0.272 $\chi^2/\text{NDF}: 599.1/34$

All: 4.495 ± 0.191 $\chi^2/\text{NDF}: 1248.4/67$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 16.513 $\pm$ 0.485 χ^2 /NDF:1183.6/17

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 15.959 $\pm$ 0.473 χ^2 /NDF:968.9/16

Left: 16.229 $\pm$ 0.339 χ^2 /NDF: 2153.1/34

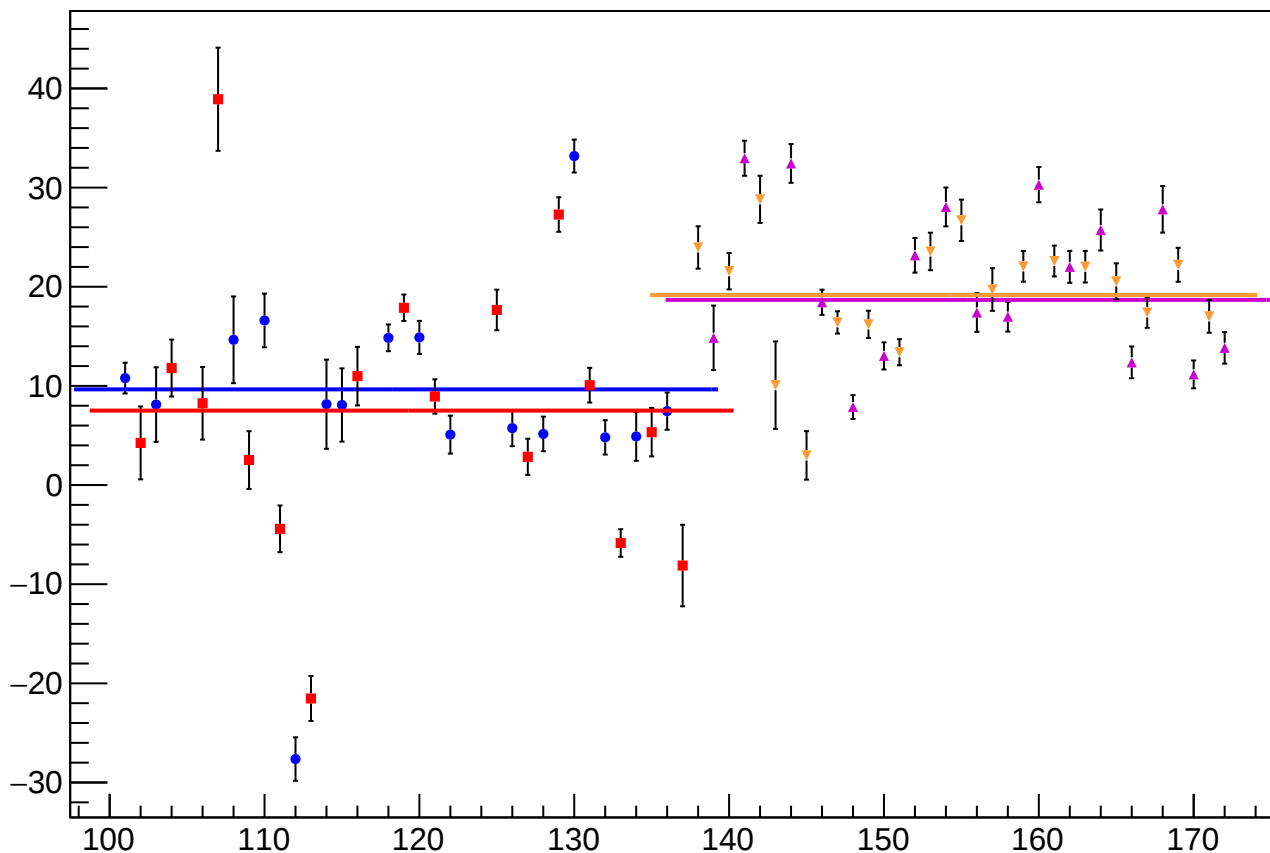
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 26.407 $\pm$ 0.411 χ^2 /NDF:4459.3/32

Out: 28.671 $\pm$ 0.420 χ^2 /NDF:5350.0/34

All: 27.514 $\pm$ 0.294 χ^2 /NDF: 9824.2/67

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.165 ± 0.402 $\chi^2/\text{NDF}: 137.8/17$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 18.675 ± 0.400 $\chi^2/\text{NDF}: 373.4/16$

Left: 18.919 ± 0.284 $\chi^2/\text{NDF}: 511.9/34$

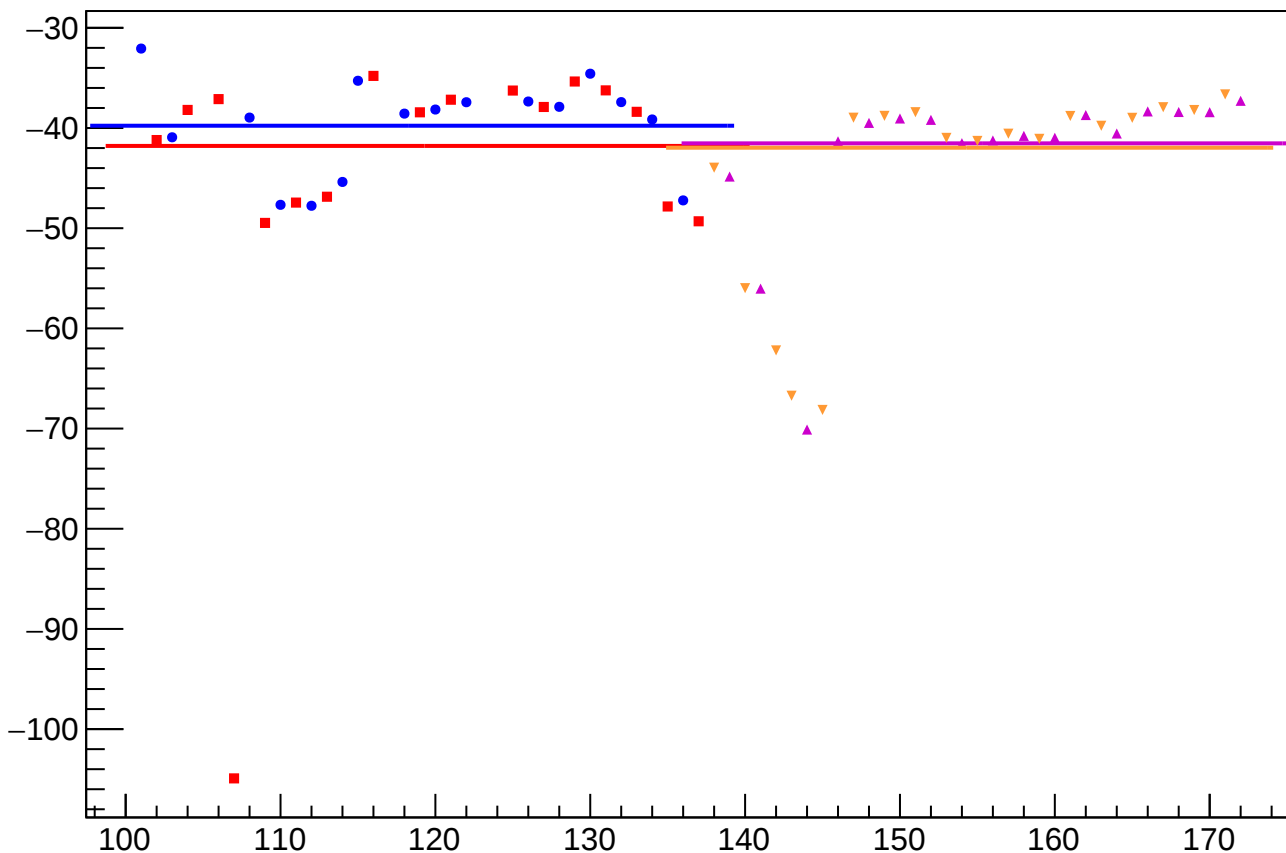
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.165 ± 0.313 $\chi^2/\text{NDF}: 1124.5/32$

Out: 14.765 ± 0.317 $\chi^2/\text{NDF}: 1019.0/34$

All: 14.968 ± 0.223 $\chi^2/\text{NDF}: 2144.4/67$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -41.966 ± 0.019 χ^2/NDF : 149728.5/17

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -41.531 ± 0.019 χ^2/NDF : 112142.0/16

Left: -41.742 ± 0.013 χ^2/NDF : 262137.5/34

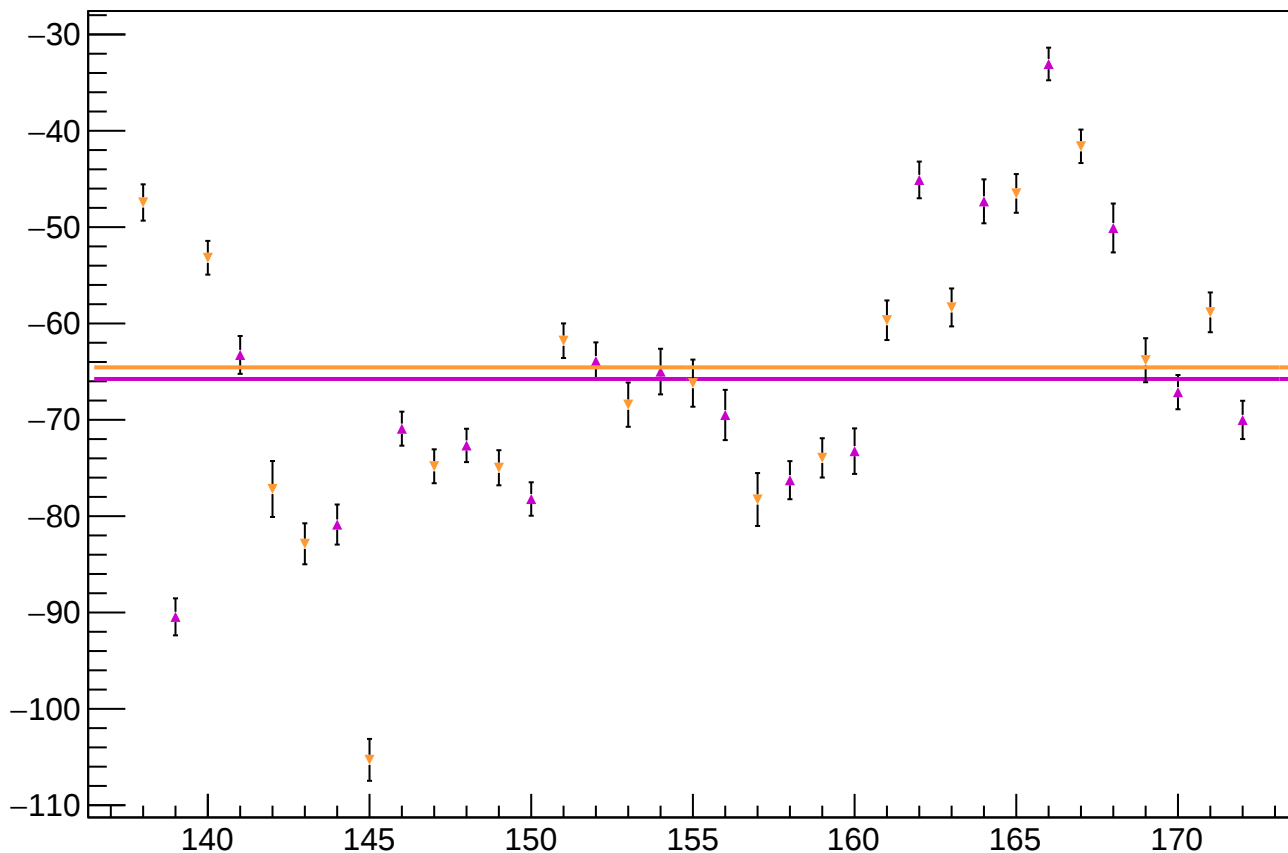
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -41.068 ± 0.016 χ^2/NDF : 140678.1/32

Out: -41.918 ± 0.016 χ^2/NDF : 242760.9/34

All: -41.483 ± 0.011 χ^2/NDF : 384823.8/67

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -64.555+/-0.481 χ^2/NDF : 966.0/17

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

Left In: -65.761+/-0.481 χ^2/NDF : 936.4/16

Left: -65.157+/-0.340 χ^2/NDF : 1905.5/34

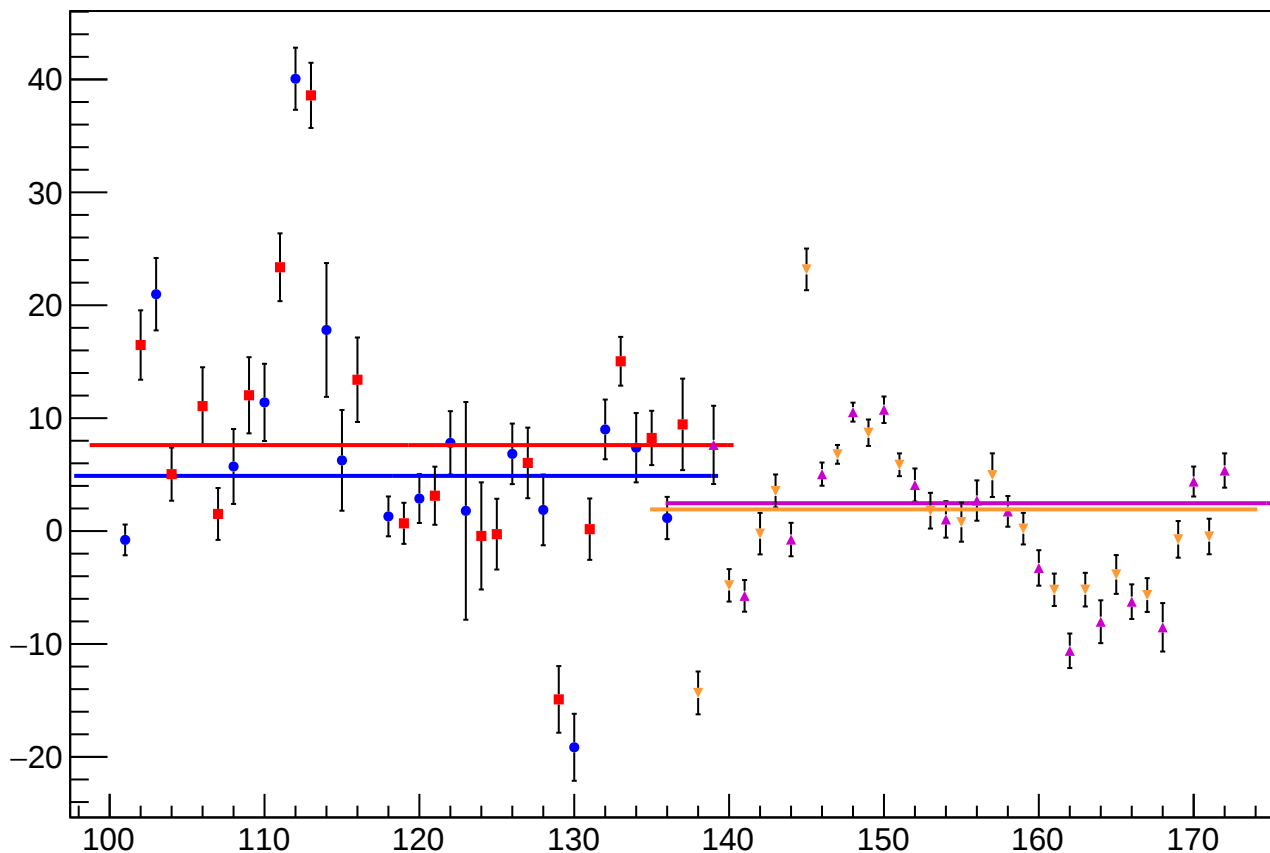
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.761+/-0.481 χ^2/NDF : 936.4/16

Out: -64.555+/-0.481 χ^2/NDF : 966.0/17

All: -65.157+/-0.340 χ^2/NDF : 1905.5/34

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 1.921 ± 0.334 χ^2/NDF : 407.7/17

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 2.469 ± 0.341 χ^2/NDF : 373.2/16

Left: 2.189 ± 0.238 χ^2/NDF : 782.2/34

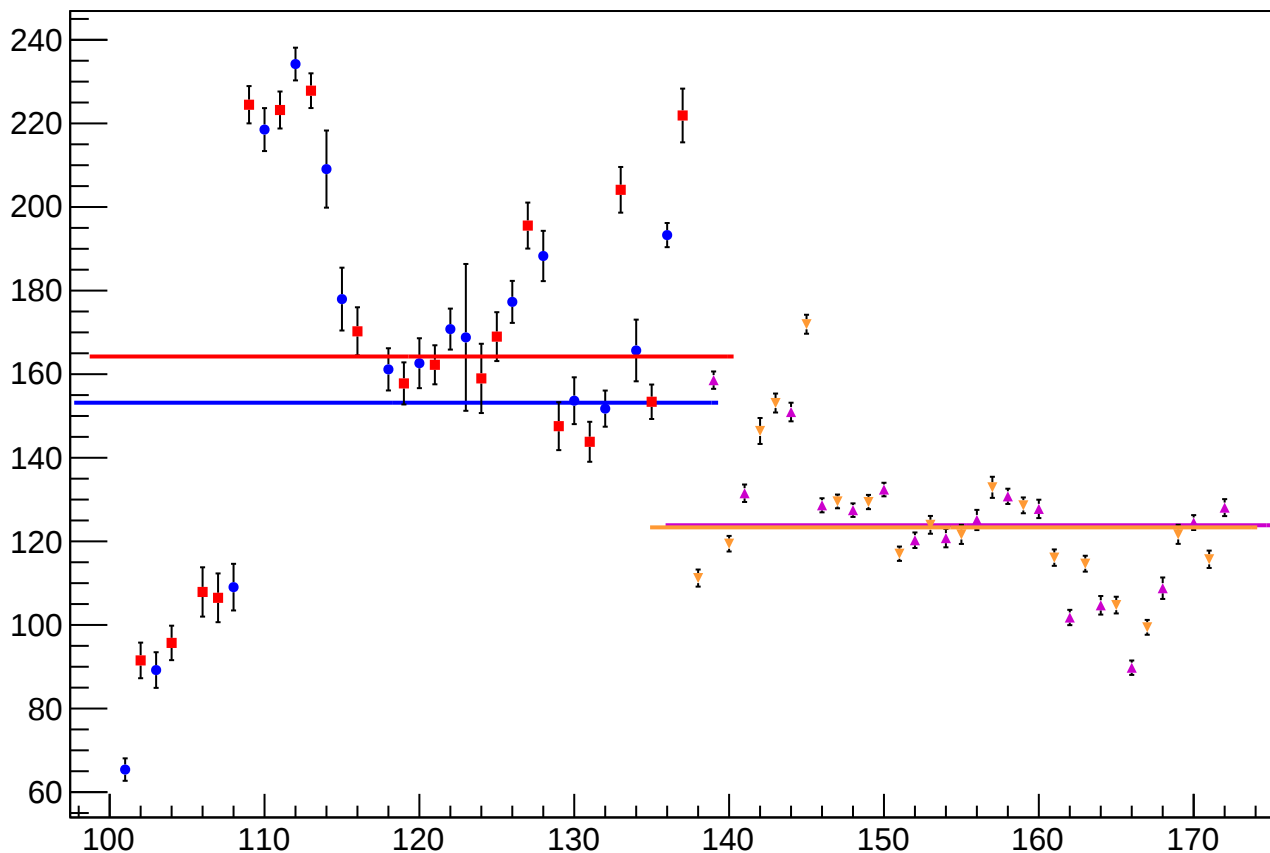
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.028 ± 0.299 χ^2/NDF : 679.5/33

Out: 3.102 ± 0.297 χ^2/NDF : 737.2/35

All: 3.065 ± 0.211 χ^2/NDF : 1416.8/69

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 123.346+/-0.474 χ^2/NDF : 1104.6/17

Right Out: 164.232+/-1.183 χ^2/NDF : 1554.8/17

Left In: 123.854+/-0.472 χ^2/NDF : 1154.1/16

Left: 123.601+/-0.334 χ^2/NDF : 2259.2/34

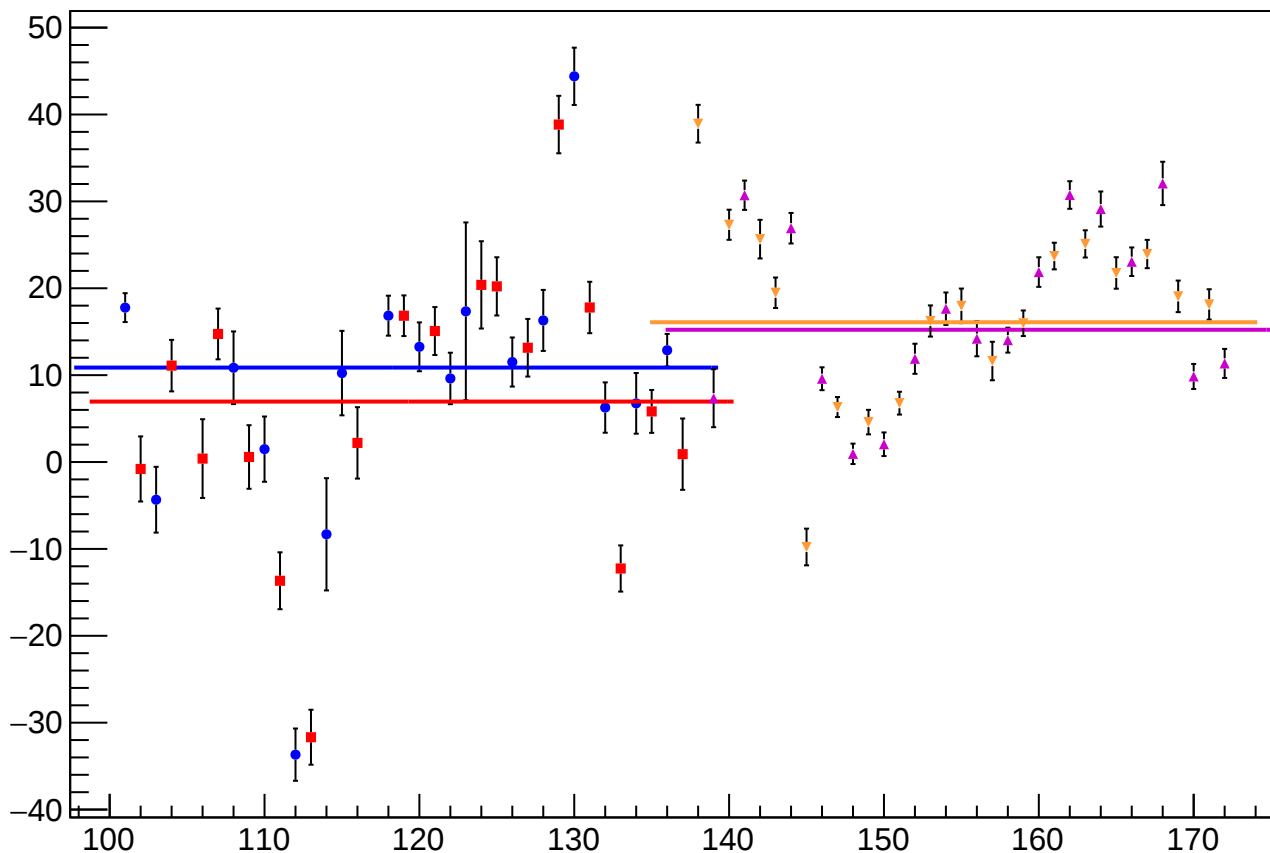
Right: 158.528+/-0.823 χ^2/NDF : 3864.1/34

In: 128.099+/-0.436 χ^2/NDF : 3977.7/33

Out: 129.002+/-0.440 χ^2/NDF : 3688.3/35

All: 128.547+/-0.310 χ^2/NDF : 7668.2/69

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: 16.089 $\pm$ 0.392 χ^2 /NDF:613.4/17

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.223 $\pm$ 0.398 χ^2 /NDF:645.8/16

Left: 15.662 $\pm$ 0.279 χ^2 /NDF: 1261.6/34

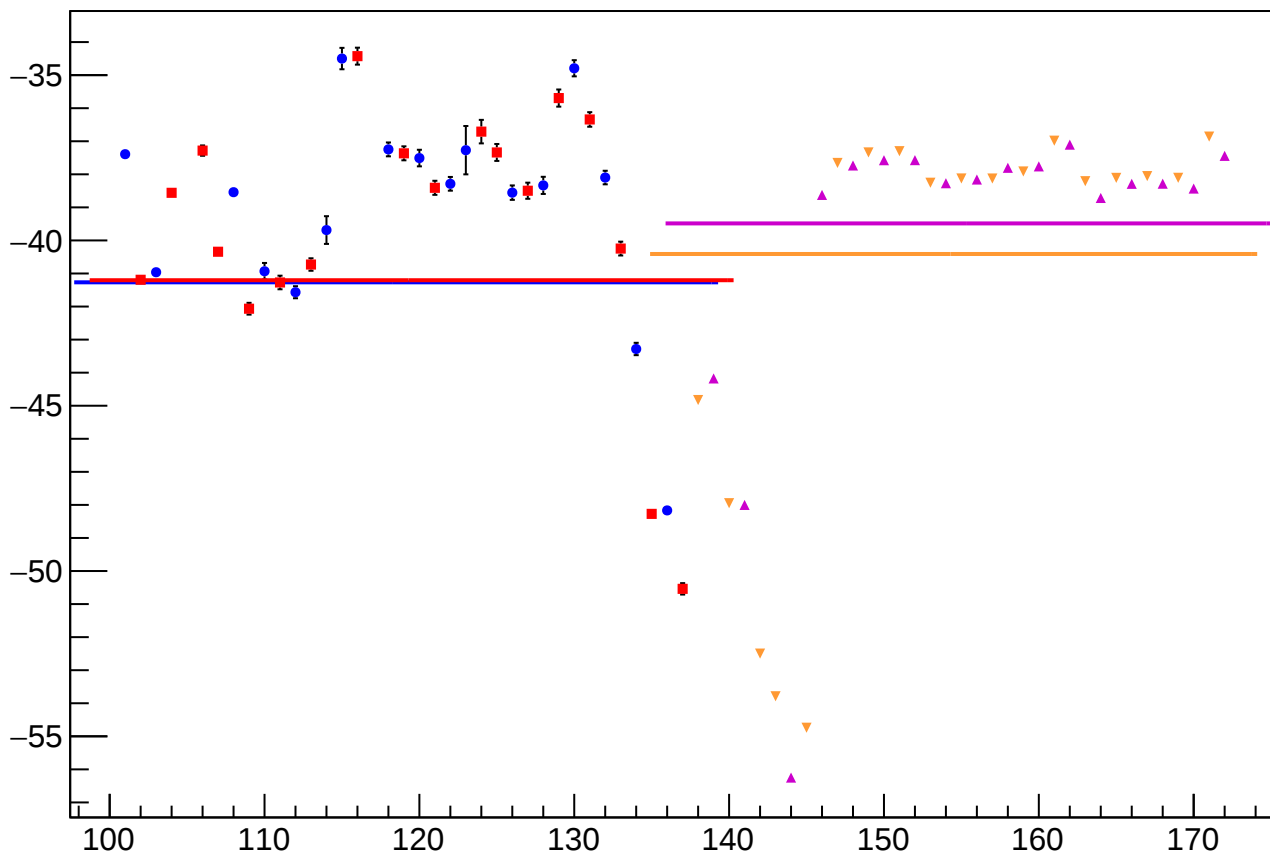
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.193 $\pm$ 0.348 χ^2 /NDF:1060.8/33

Out: 14.126 $\pm$ 0.347 χ^2 /NDF:1152.3/35

All: 14.159 $\pm$ 0.246 χ^2 /NDF: 2213.1/69

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -40.410 $\pm$ 0.019 χ^2 /NDF: 84283.9/17

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -39.485 $\pm$ 0.019 χ^2 /NDF: 50329.5/16

Left: -39.943 $\pm$ 0.013 χ^2 /NDF: 135846.8/34

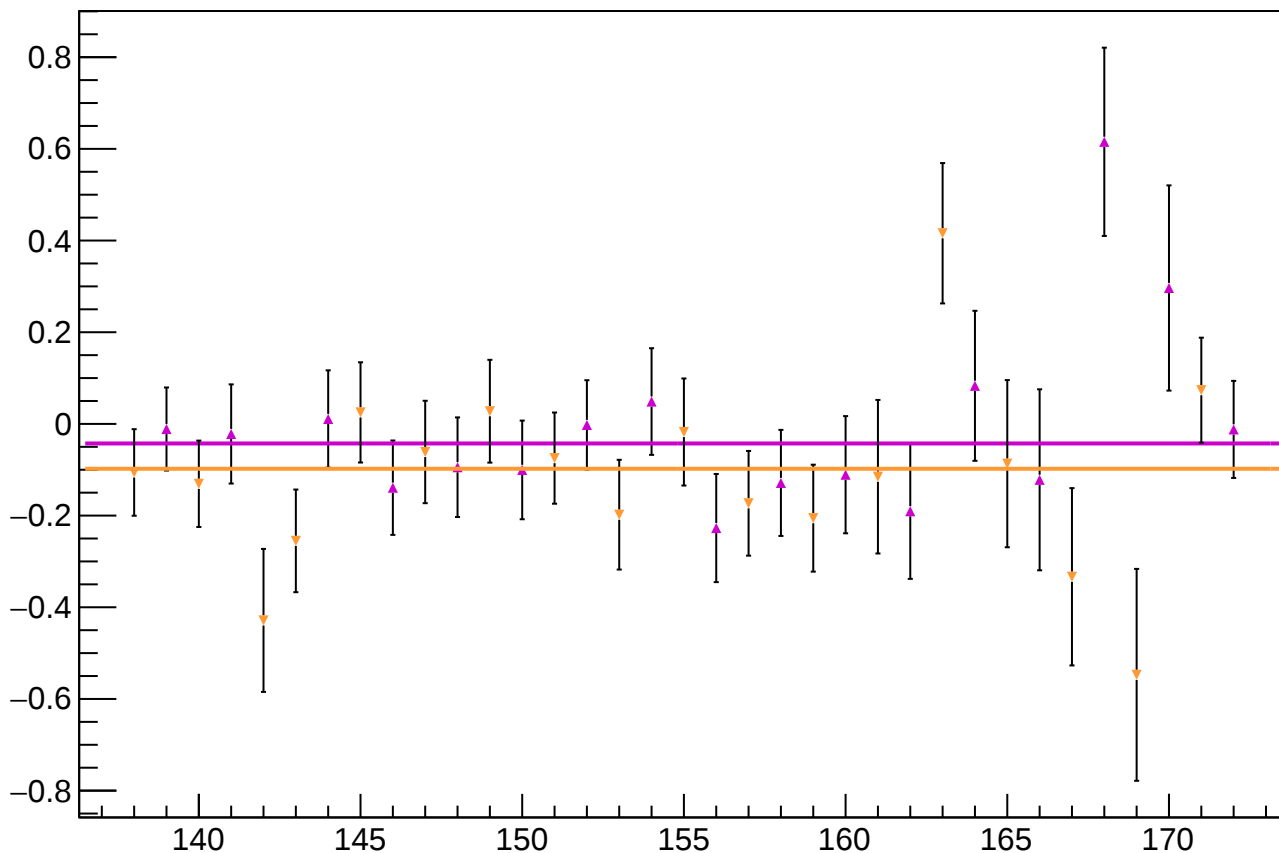
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -39.820 $\pm$ 0.017 χ^2 /NDF: 64649.0/33

Out: -40.560 $\pm$ 0.017 χ^2 /NDF: 96631.2/35

All: -40.186 $\pm$ 0.012 χ^2 /NDF: 162251.9/69

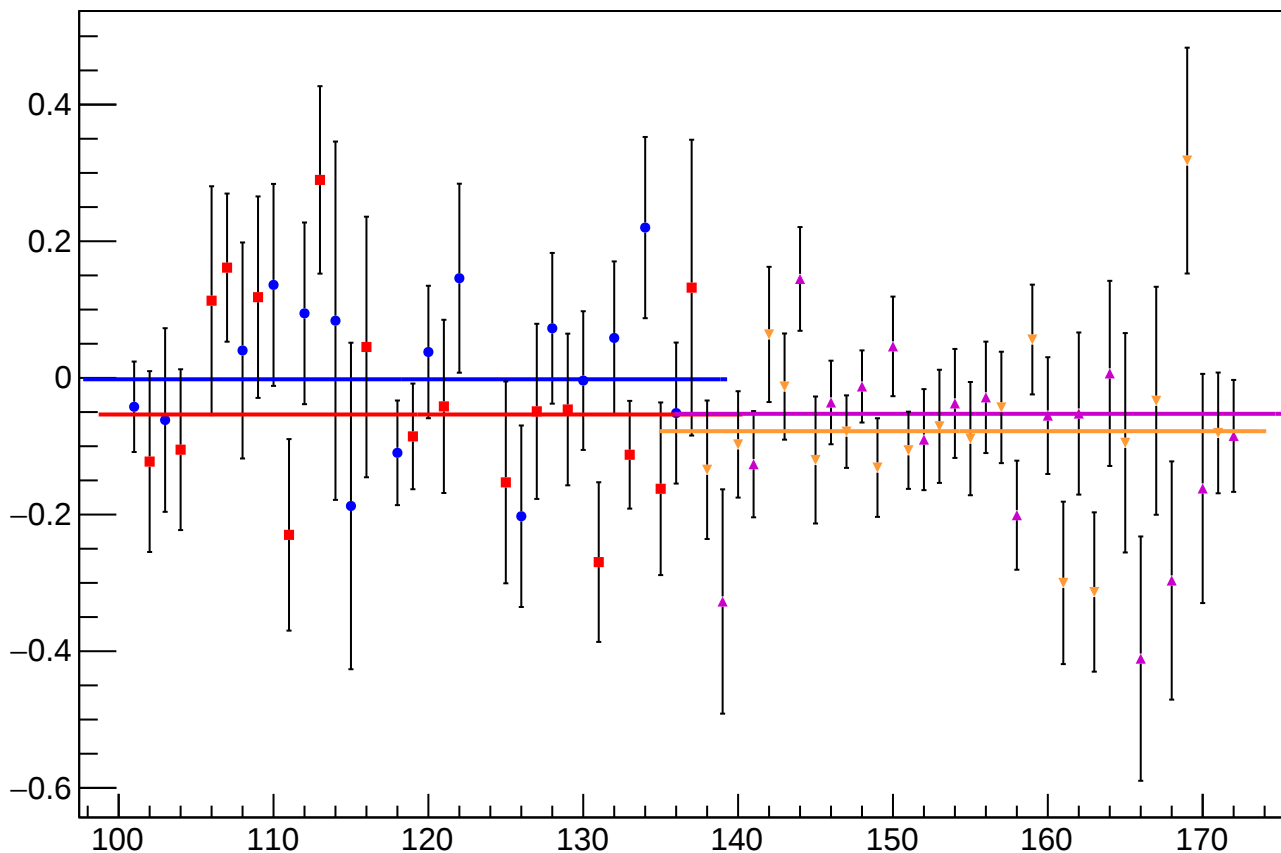
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.098 $\pm$ 0.029 χ^2 /NDF:30.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.043 $\pm$ 0.029 χ^2 /NDF:20.3/16

Left: -0.071 $\pm$ 0.020 χ^2 /NDF: 52.6/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.043 $\pm$ 0.029 χ^2 /NDF:20.3/16
 Out: -0.098 $\pm$ 0.029 χ^2 /NDF:30.5/17
 All: -0.071 $\pm$ 0.020 χ^2 /NDF: 52.6/34

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.078 ± 0.020 χ^2/NDF : 20.5/17

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.053 ± 0.021 χ^2/NDF : 23.5/16

Left: -0.066 ± 0.014 χ^2/NDF : 44.8/34

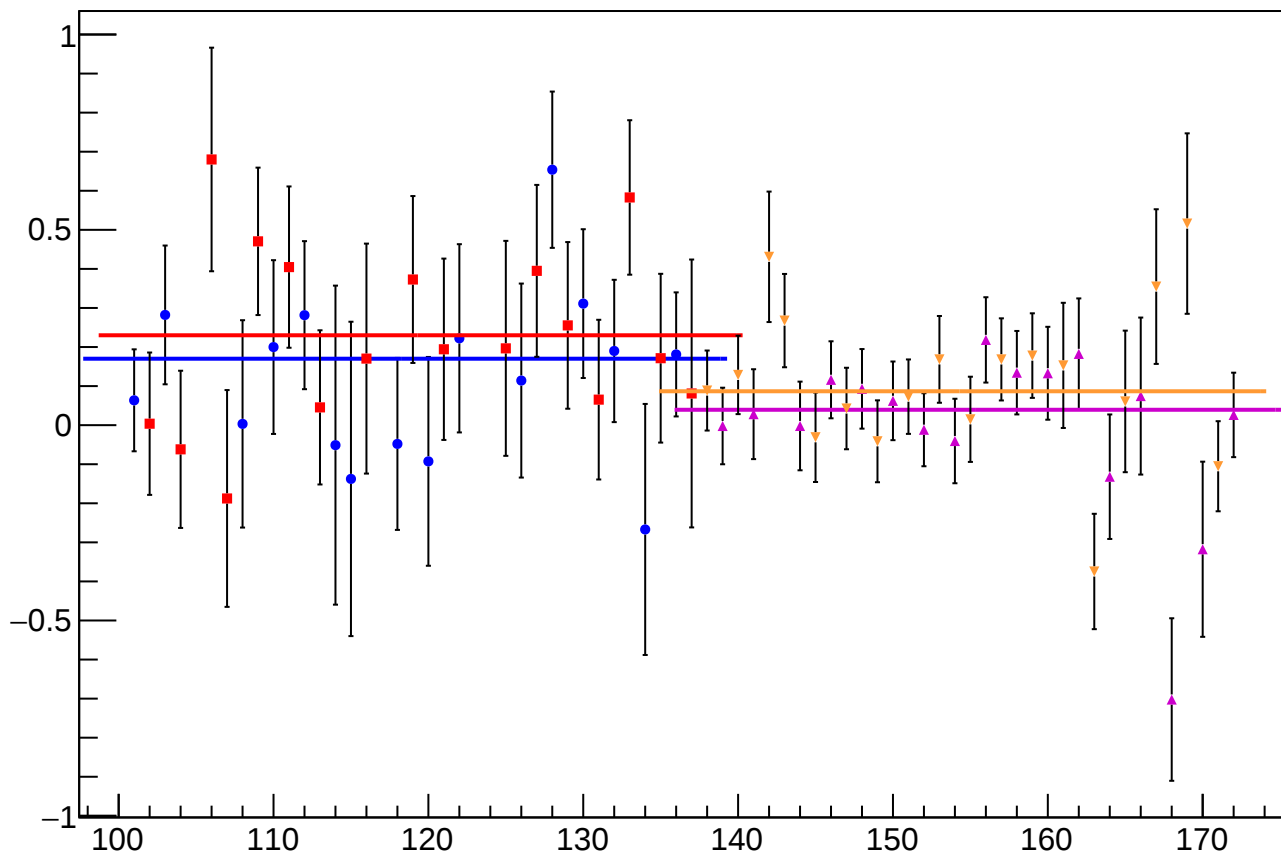
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.035 ± 0.017 χ^2/NDF : 37.7/32

Out: -0.070 ± 0.017 χ^2/NDF : 41.9/34

All: -0.053 ± 0.012 χ^2/NDF : 81.9/67

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.087 ± 0.028 $\chi^2/\text{NDF}: 29.8/17$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.039 ± 0.028 $\chi^2/\text{NDF}: 23.7/16$

Left: 0.063 ± 0.020 $\chi^2/\text{NDF}: 54.8/34$

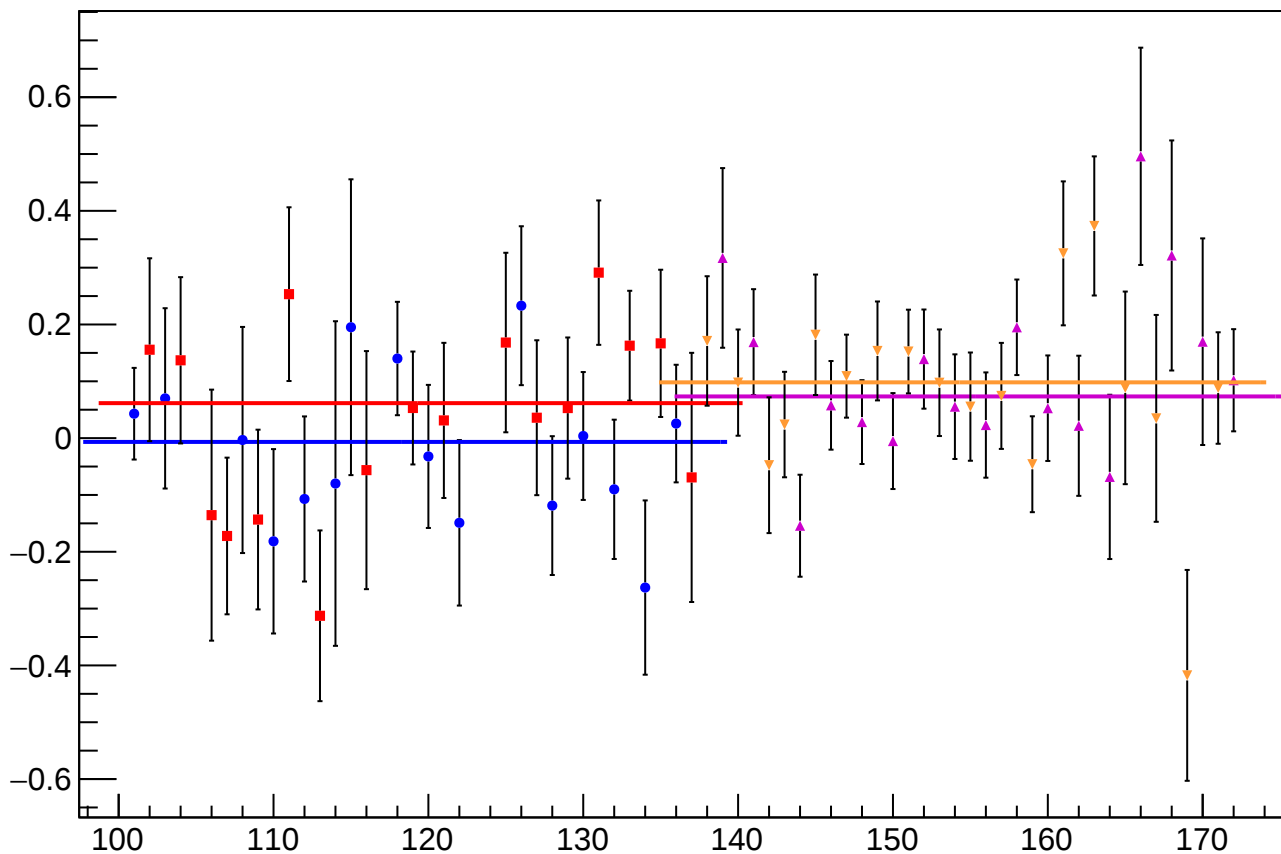
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.069 ± 0.025 $\chi^2/\text{NDF}: 41.5/32$

Out: 0.118 ± 0.025 $\chi^2/\text{NDF}: 52.1/34$

All: 0.093 ± 0.018 $\chi^2/\text{NDF}: 95.5/67$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.024 χ^2/NDF : 23.4/17

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.073 ± 0.024 χ^2/NDF : 22.1/16

Left: 0.086 ± 0.017 χ^2/NDF : 46.1/34

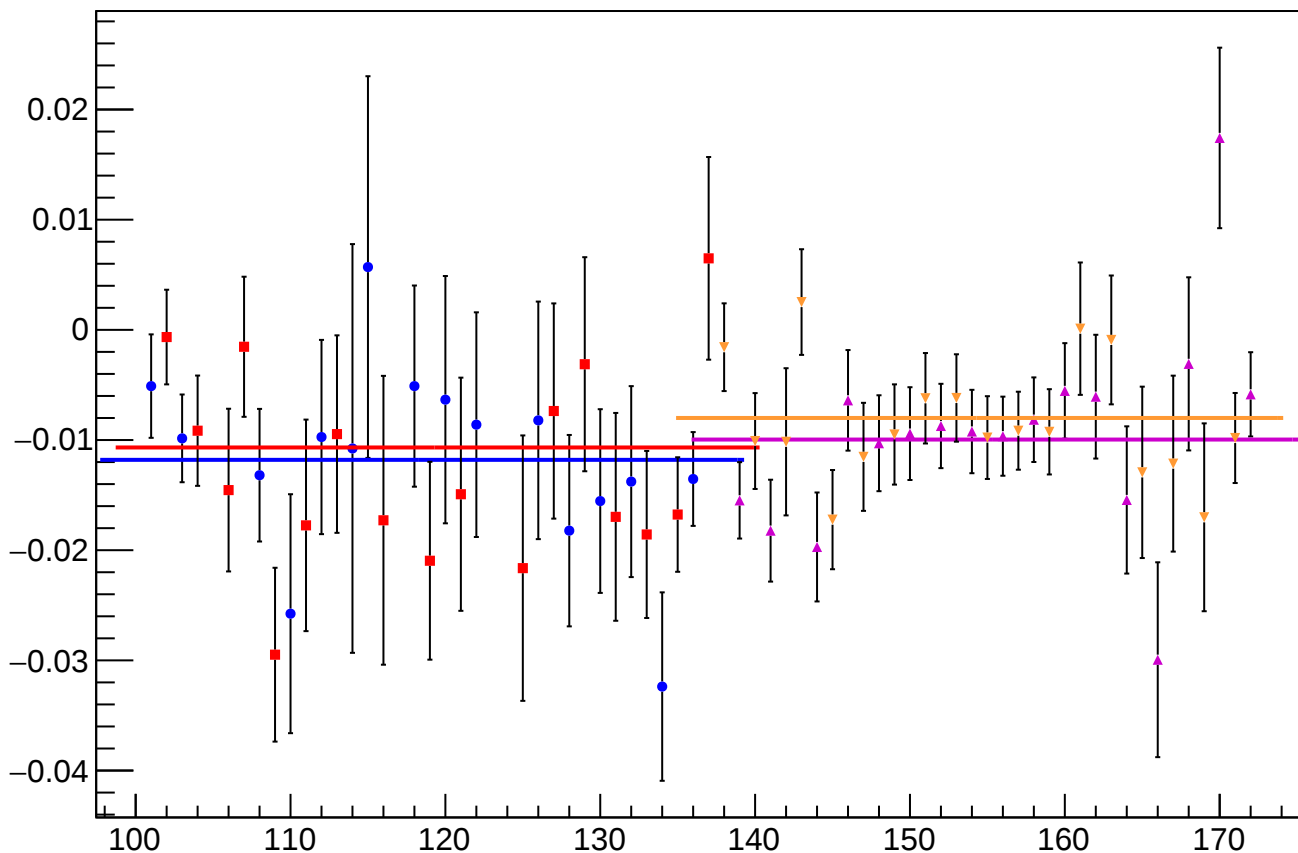
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.045 ± 0.019 χ^2/NDF : 39.2/32

Out: 0.086 ± 0.019 χ^2/NDF : 44.2/34

All: 0.066 ± 0.014 χ^2/NDF : 85.7/67

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 18.7/17

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.010 ± 0.001 χ^2/NDF : 31.0/16

Left: -0.009 ± 0.001 χ^2/NDF : 51.3/34

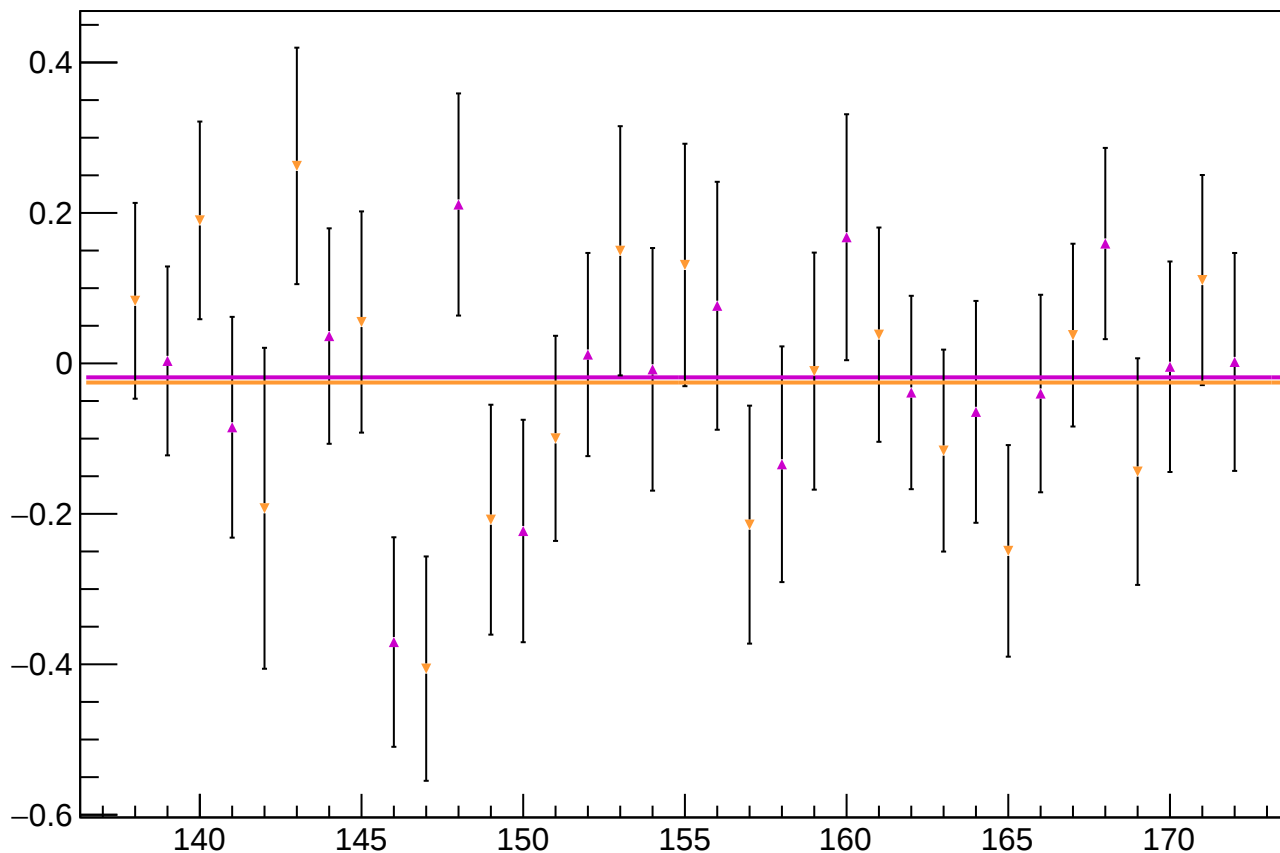
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.010 ± 0.001 χ^2/NDF : 44.6/32

Out: -0.009 ± 0.001 χ^2/NDF : 44.1/34

All: -0.010 ± 0.001 χ^2/NDF : 90.4/67

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: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17

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

Left In: -0.019 $\pm$ 0.035 χ^2 /NDF:15.5/16

Left: -0.022 $\pm$ 0.024 χ^2 /NDF: 39.9/34

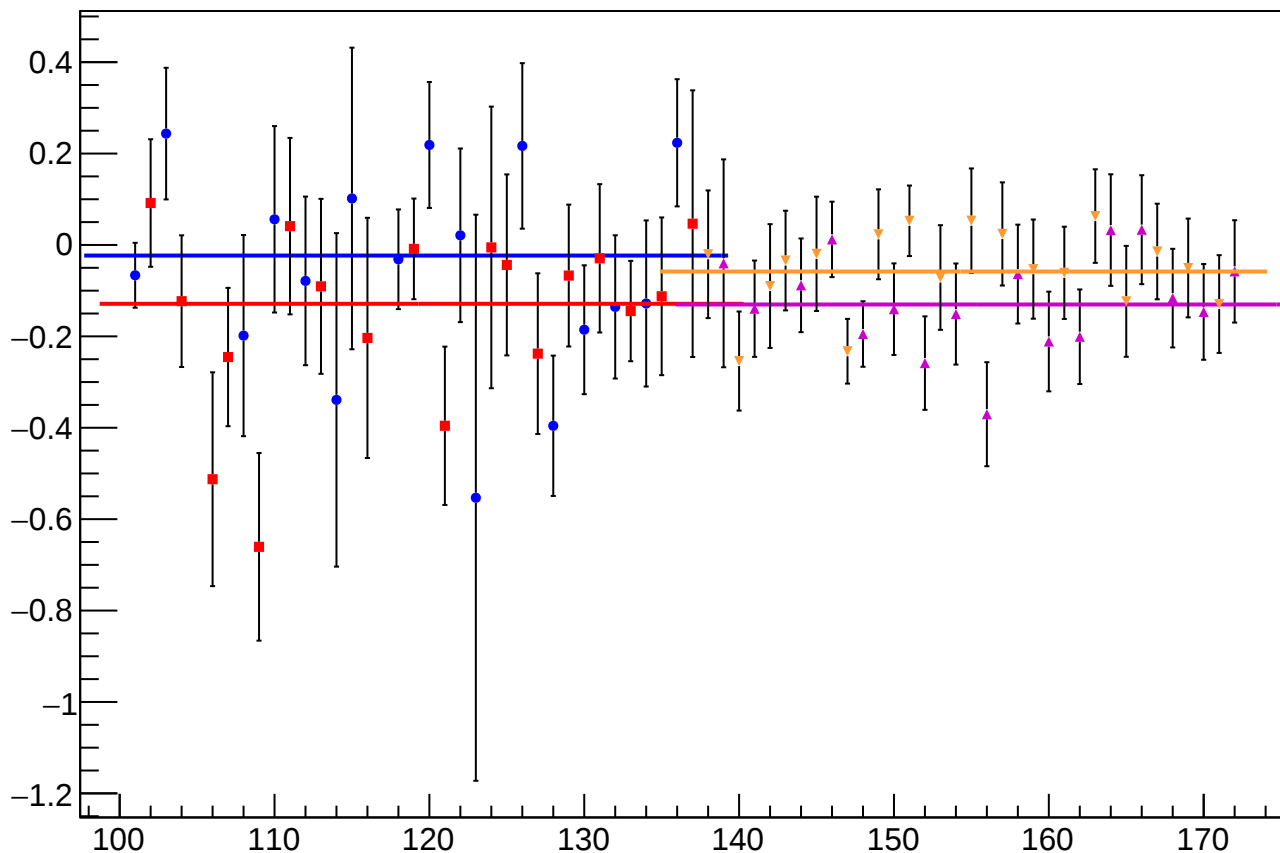
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.019 $\pm$ 0.035 χ^2 /NDF:15.5/16

Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17

All: -0.022 $\pm$ 0.024 χ^2 /NDF: 39.9/34

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.058 ± 0.025 χ^2/NDF : 16.2/17

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.130 ± 0.025 χ^2/NDF : 15.7/16

Left: -0.093 ± 0.018 χ^2/NDF : 36.1/34

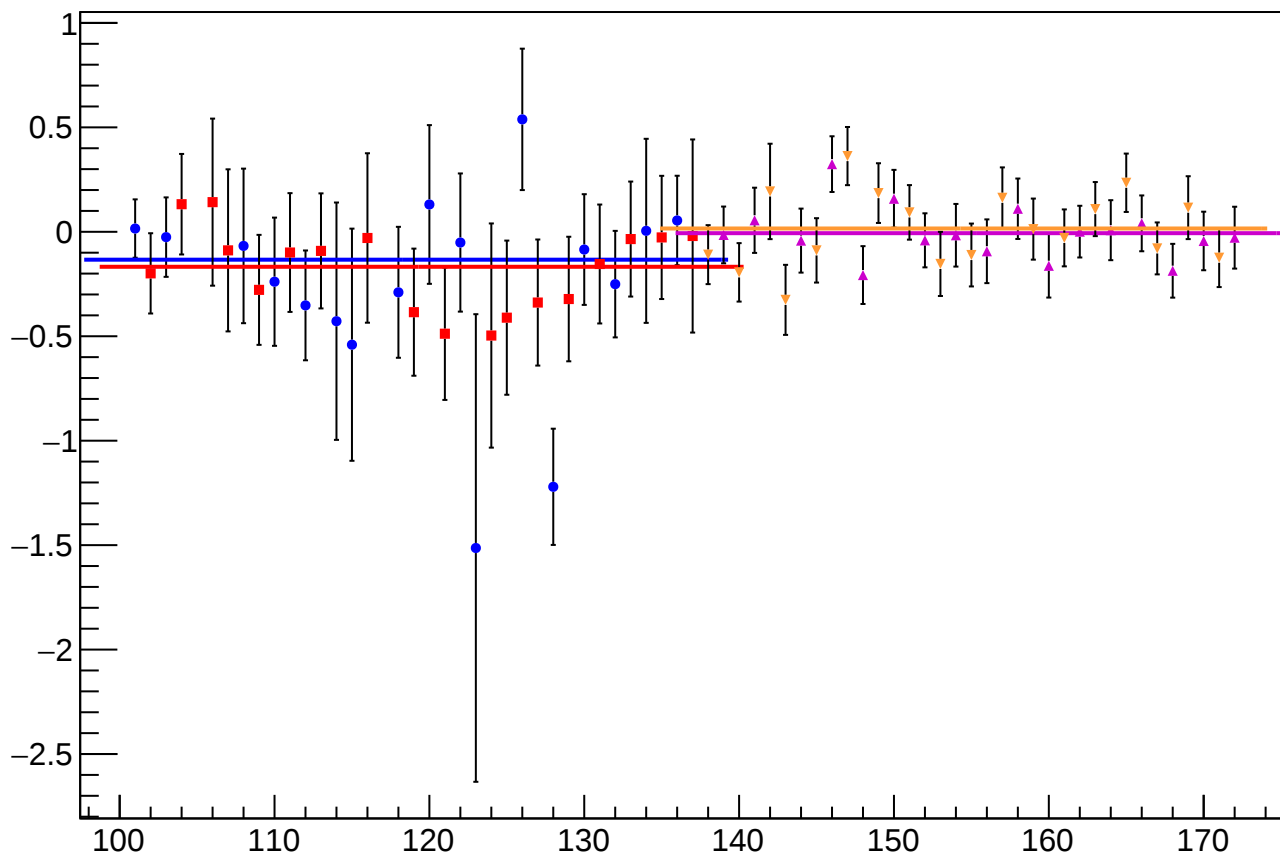
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.095 ± 0.021 χ^2/NDF : 43.9/33

Out: -0.078 ± 0.021 χ^2/NDF : 37.1/35

All: -0.087 ± 0.015 χ^2/NDF : 81.4/69

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.016 ± 0.034 $\chi^2/\text{NDF}: 24.3/17$

Right Out: -0.167 ± 0.071 $\chi^2/\text{NDF}: 6.1/17$

Left In: -0.007 ± 0.034 $\chi^2/\text{NDF}: 14.2/16$

Left: 0.005 ± 0.024 $\chi^2/\text{NDF}: 38.6/34$

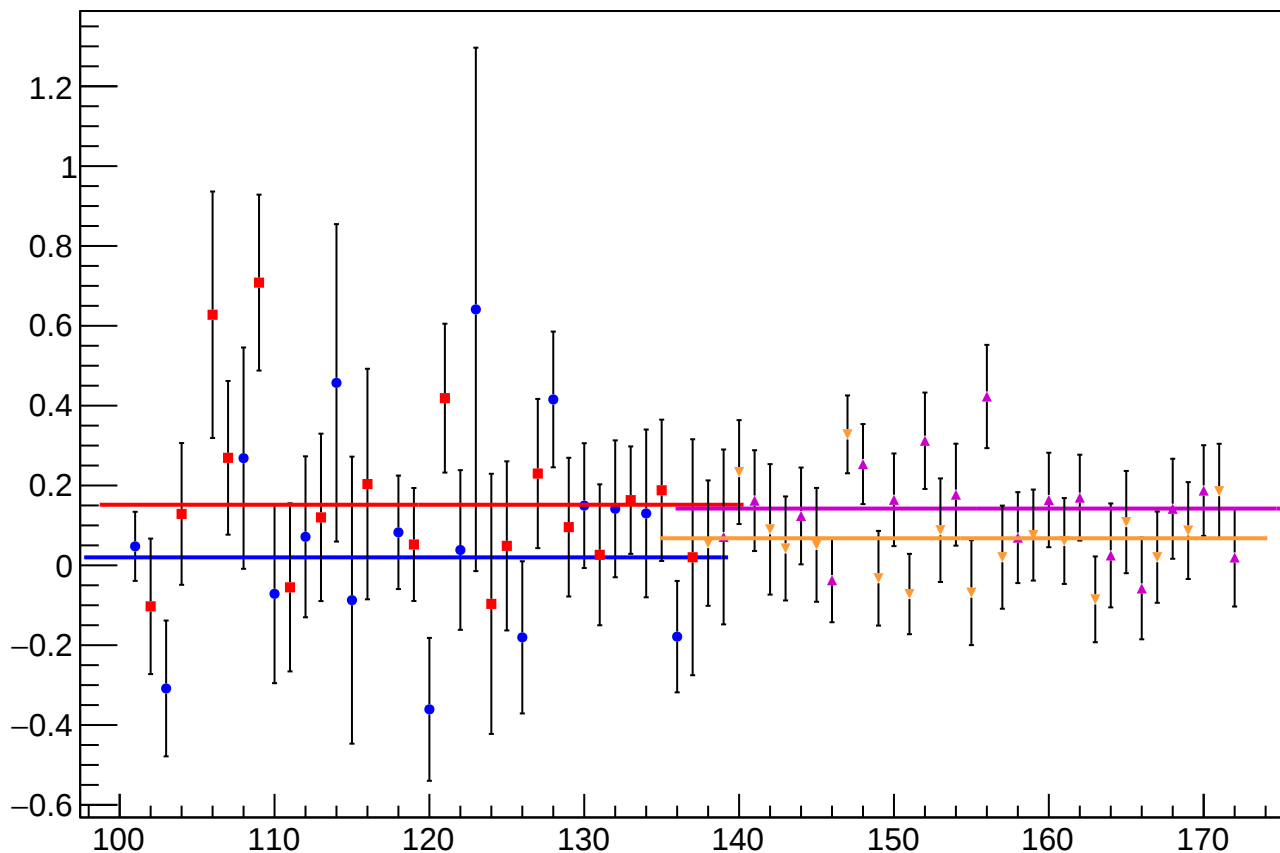
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 32.0/34$

In: -0.033 ± 0.030 $\chi^2/\text{NDF}: 42.8/33$

Out: -0.018 ± 0.031 $\chi^2/\text{NDF}: 35.8/35$

All: -0.026 ± 0.022 $\chi^2/\text{NDF}: 78.7/69$

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: 0.068 ± 0.029 $\chi^2/\text{NDF}: 16.0/17$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.142 ± 0.029 $\chi^2/\text{NDF}: 16.0/16$

Left: 0.104 ± 0.020 $\chi^2/\text{NDF}: 35.4/34$

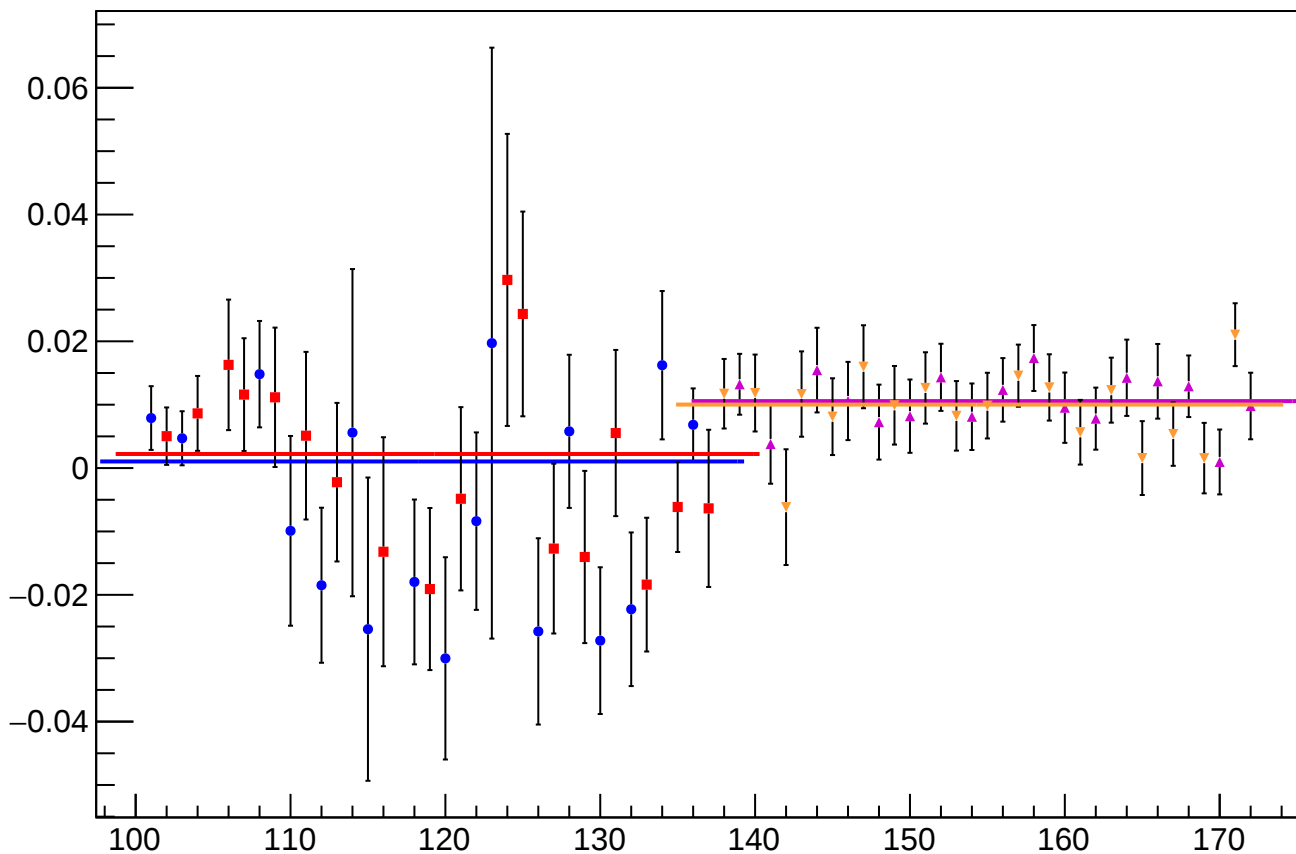
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.103 ± 0.024 $\chi^2/\text{NDF}: 43.5/33$

Out: 0.092 ± 0.024 $\chi^2/\text{NDF}: 35.3/35$

All: 0.097 ± 0.017 $\chi^2/\text{NDF}: 78.8/69$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF : 32.0/16

Left Out: 0.010+/-0.001 χ^2/NDF : 16.9/17

Right Out: 0.002+/-0.002 χ^2/NDF : 20.8/17

Left In: 0.011+/-0.001 χ^2/NDF : 9.8/16

Left: 0.010+/-0.001 χ^2/NDF : 26.8/34

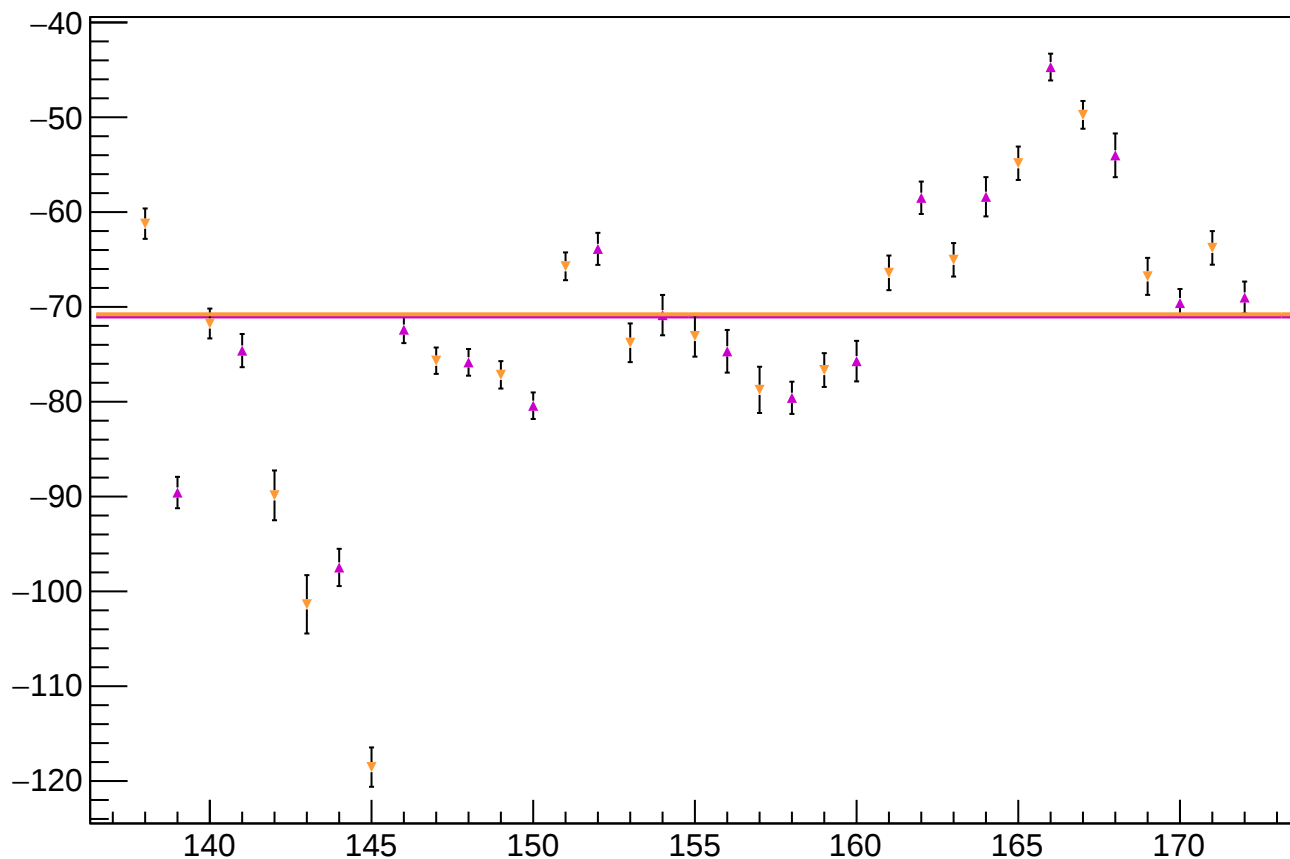
Right: 0.002+/-0.002 χ^2/NDF : 53.0/34

In: 0.008+/-0.001 χ^2/NDF : 55.4/33

Out: 0.008+/-0.001 χ^2/NDF : 46.5/35

All: 0.008+/-0.001 χ^2/NDF : 101.8/69

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected

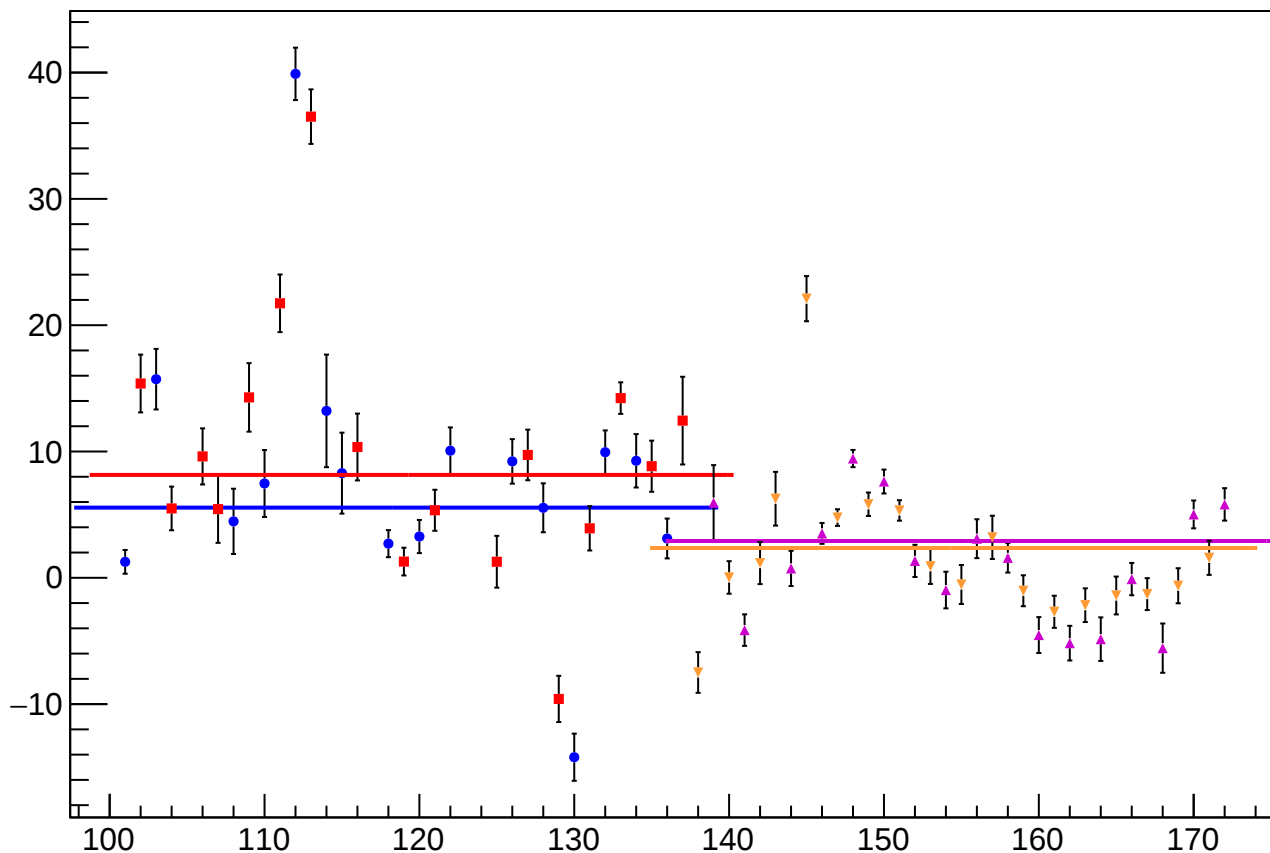


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -70.780+/-0.420 χ^2/NDF :1109.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -71.006+/-0.413 χ^2/NDF :914.9/16

Left: -70.895+/-0.294 χ^2/NDF : 2024.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -71.006+/-0.413 χ^2/NDF :914.9/16
 Out: -70.780+/-0.420 χ^2/NDF :1109.7/17

All: -70.895+/-0.294 χ^2/NDF : 2024.7/34

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: 2.359 ± 0.287 $\chi^2/\text{NDF}: 266.5/17$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.914 ± 0.290 $\chi^2/\text{NDF}: 278.1/16$

Left: 2.634 ± 0.204 $\chi^2/\text{NDF}: 546.5/34$

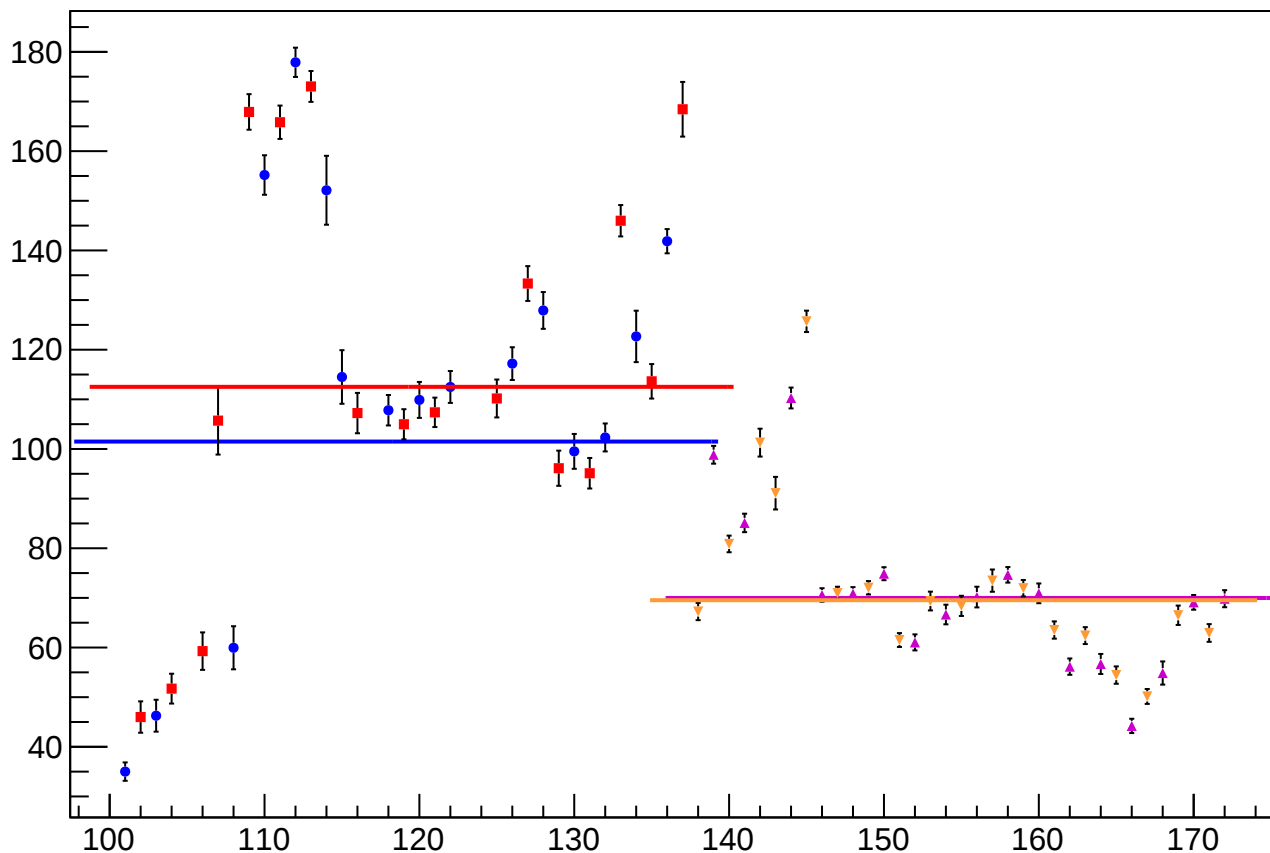
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.755 ± 0.239 $\chi^2/\text{NDF}: 766.6/32$

Out: 4.011 ± 0.243 $\chi^2/\text{NDF}: 789.2/34$

All: 3.881 ± 0.170 $\chi^2/\text{NDF}: 1556.4/67$

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: 69.535 $\pm$ 0.412 χ^2 /NDF:1228.3/17

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 69.985 $\pm$ 0.404 χ^2 /NDF:1227.6/16

Left: 69.765 $\pm$ 0.289 χ^2 /NDF: 2456.5/34

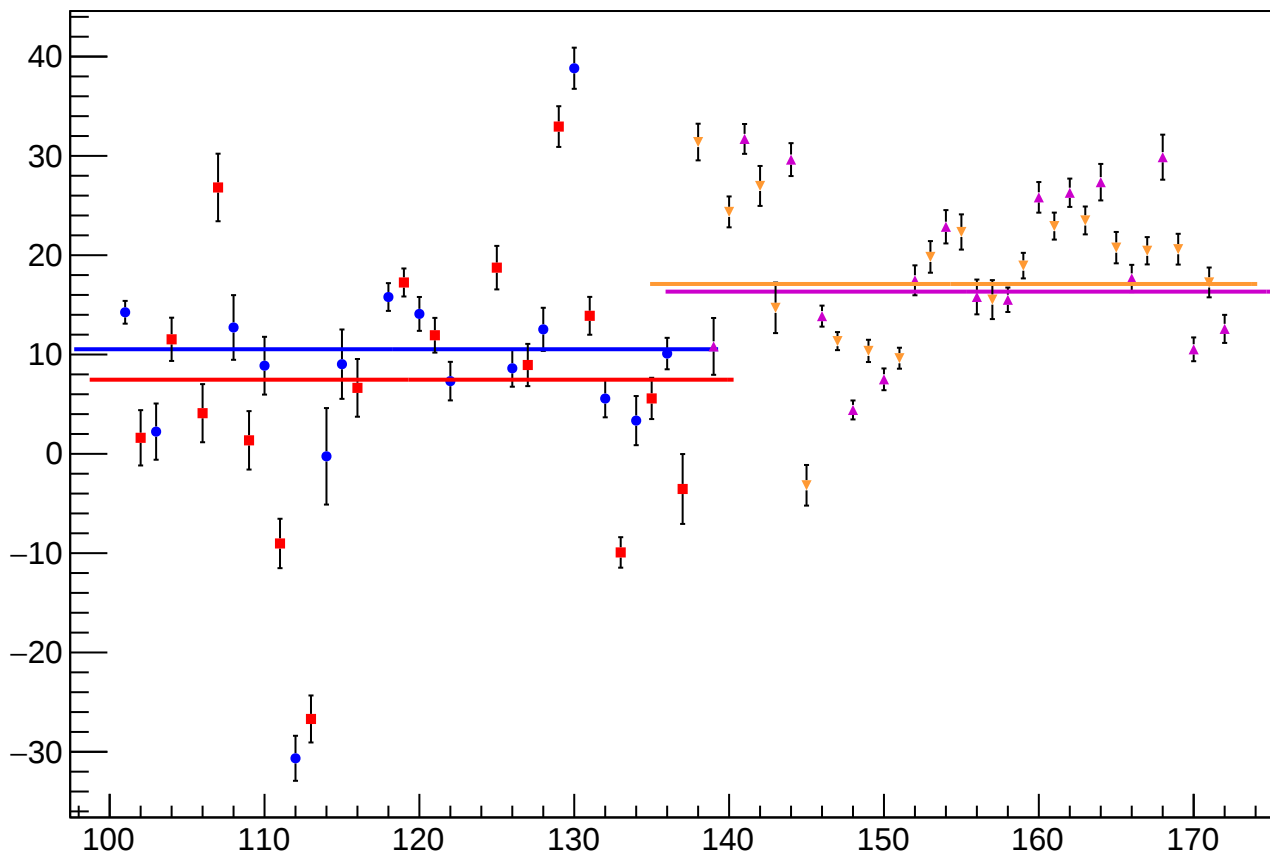
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 76.281 $\pm$ 0.361 χ^2 /NDF:5416.8/32

Out: 77.829 $\pm$ 0.370 χ^2 /NDF:5562.6/34

All: 77.035 $\pm$ 0.259 χ^2 /NDF: 10988.4/67

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: 17.104 $\pm$ 0.340 χ^2 /NDF: 401.1/17

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.332 $\pm$ 0.340 χ^2 /NDF: 605.4/16

Left: 16.718 $\pm$ 0.240 χ^2 /NDF: 1009.1/34

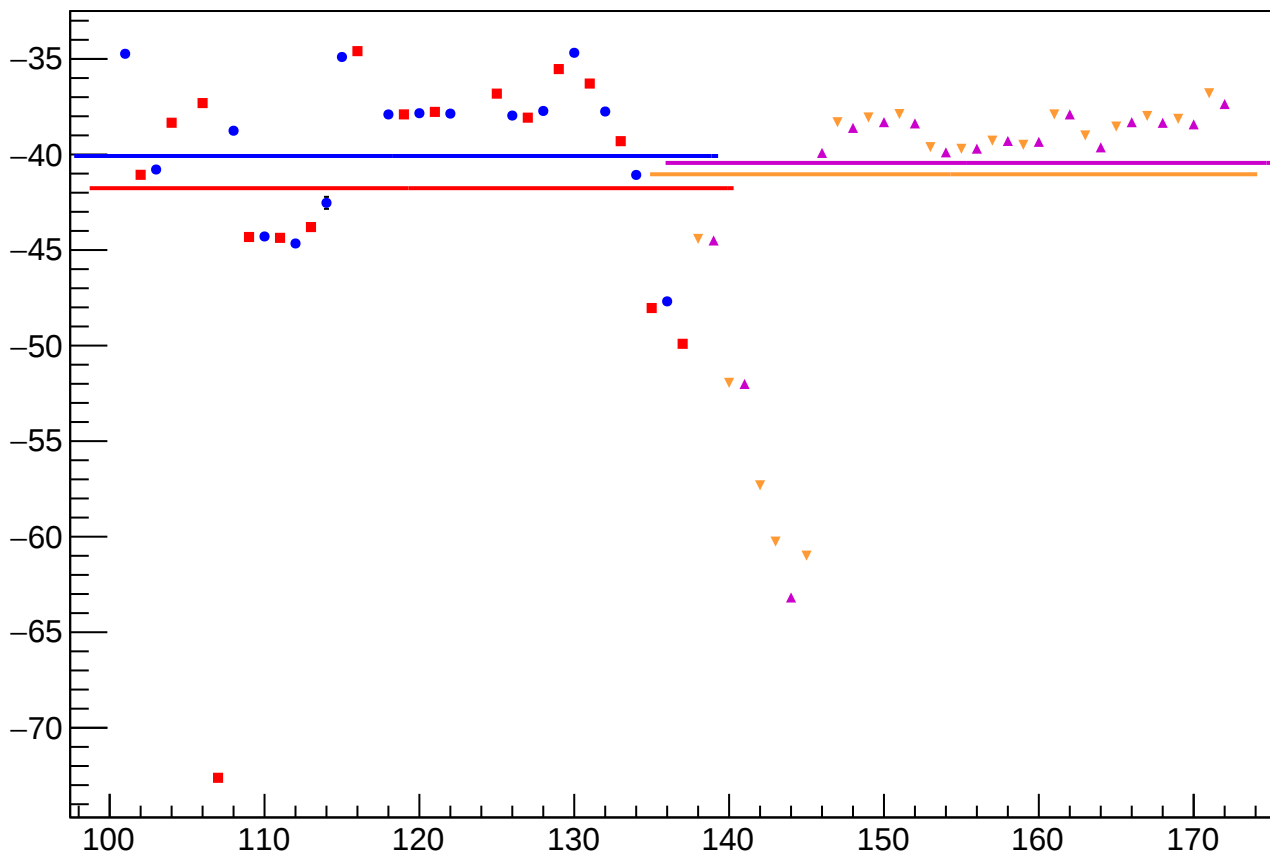
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.465 $\pm$ 0.280 χ^2 /NDF: 1279.6/32

Out: 14.260 $\pm$ 0.285 χ^2 /NDF: 1323.6/34

All: 14.365 $\pm$ 0.200 χ^2 /NDF: 2603.5/67

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079+/-0.028 χ^2/NDF : 25147.0/15

Left Out: -41.035+/-0.016 χ^2/NDF :143527.1/17

Right Out: -41.764+/-0.029 χ^2/NDF : 60249.3/16

Left In: -40.441+/-0.016 χ^2/NDF :100364.1/16

Left: -40.730+/-0.011 χ^2/NDF : 244569.7/34

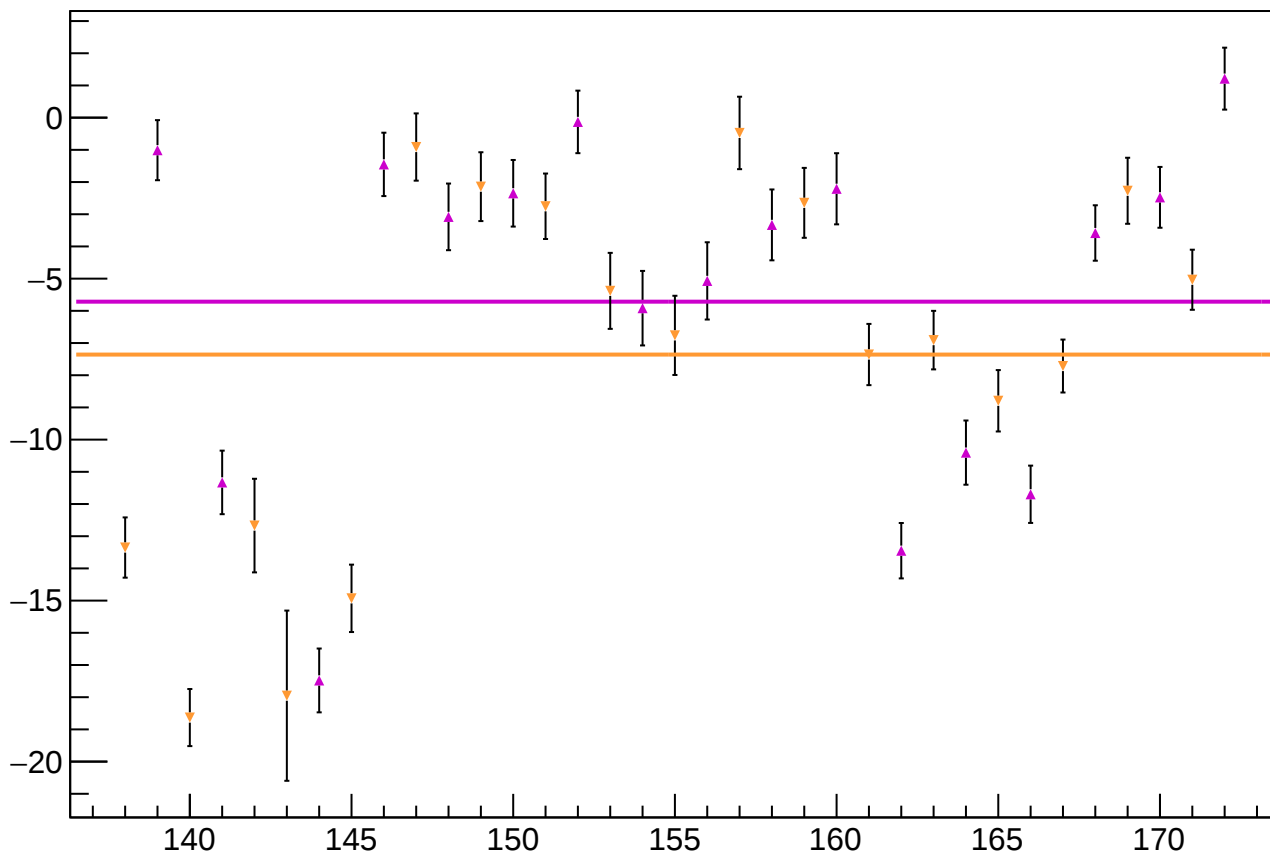
Right: -40.903+/-0.020 χ^2/NDF : 87139.1/32

In: -40.353+/-0.014 χ^2/NDF :125636.0/32

Out: -41.212+/-0.014 χ^2/NDF :204258.5/34

All: -40.772+/-0.010 χ^2/NDF : 331764.4/67

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: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17

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

Left In: -5.715 $\pm$ 0.240 χ^2 /NDF:500.6/16

Left: -6.520 $\pm$ 0.171 χ^2 /NDF: 983.3/34

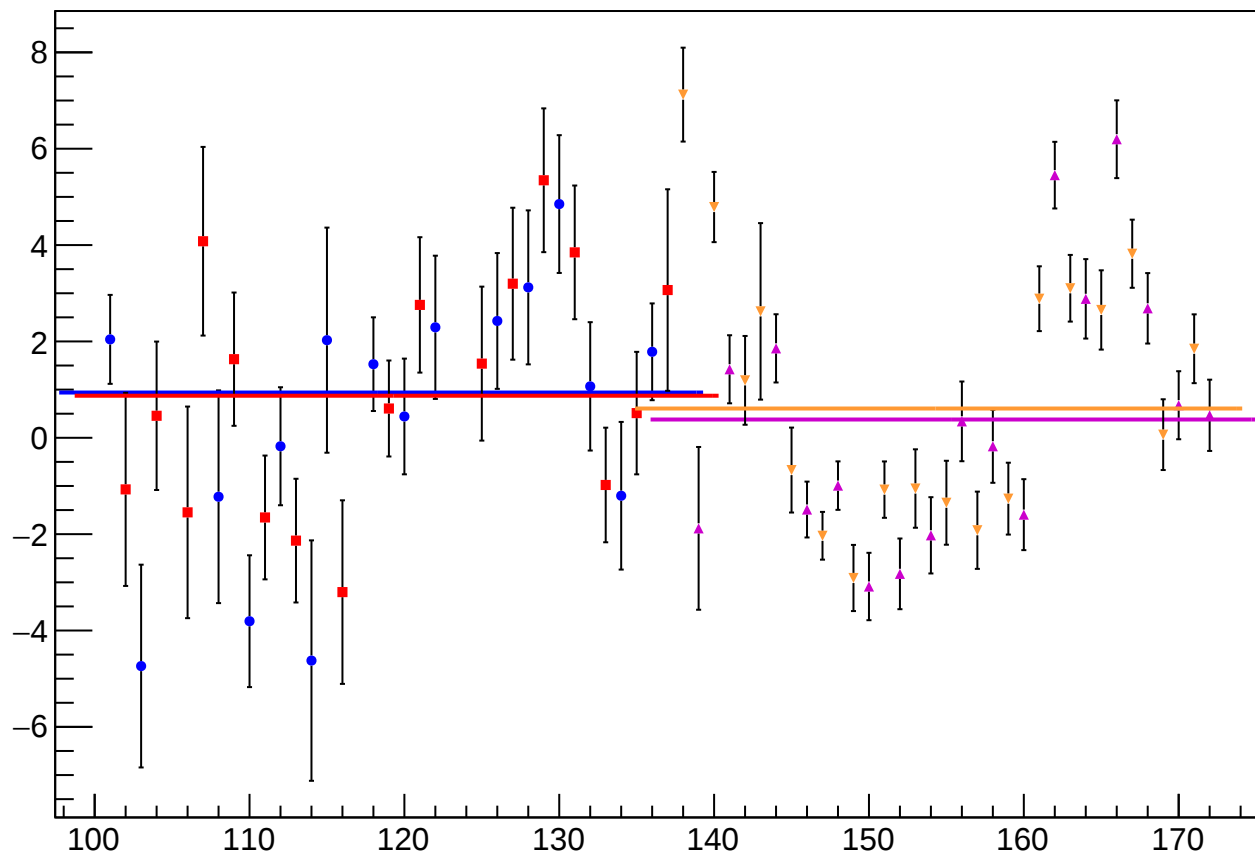
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.715 $\pm$ 0.240 χ^2 /NDF:500.6/16

Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17

All: -6.520 $\pm$ 0.171 χ^2 /NDF: 983.3/34

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 $\pm$ 0.339 χ^2/NDF : 42.2/15

Left Out: 0.608 $\pm$ 0.175 χ^2/NDF :224.5/17

Right Out: 0.873 $\pm$ 0.354 χ^2/NDF : 40.6/16

Left In: 0.380 $\pm$ 0.175 χ^2/NDF :211.8/16

Left: 0.494 $\pm$ 0.124 χ^2/NDF : 437.2/34

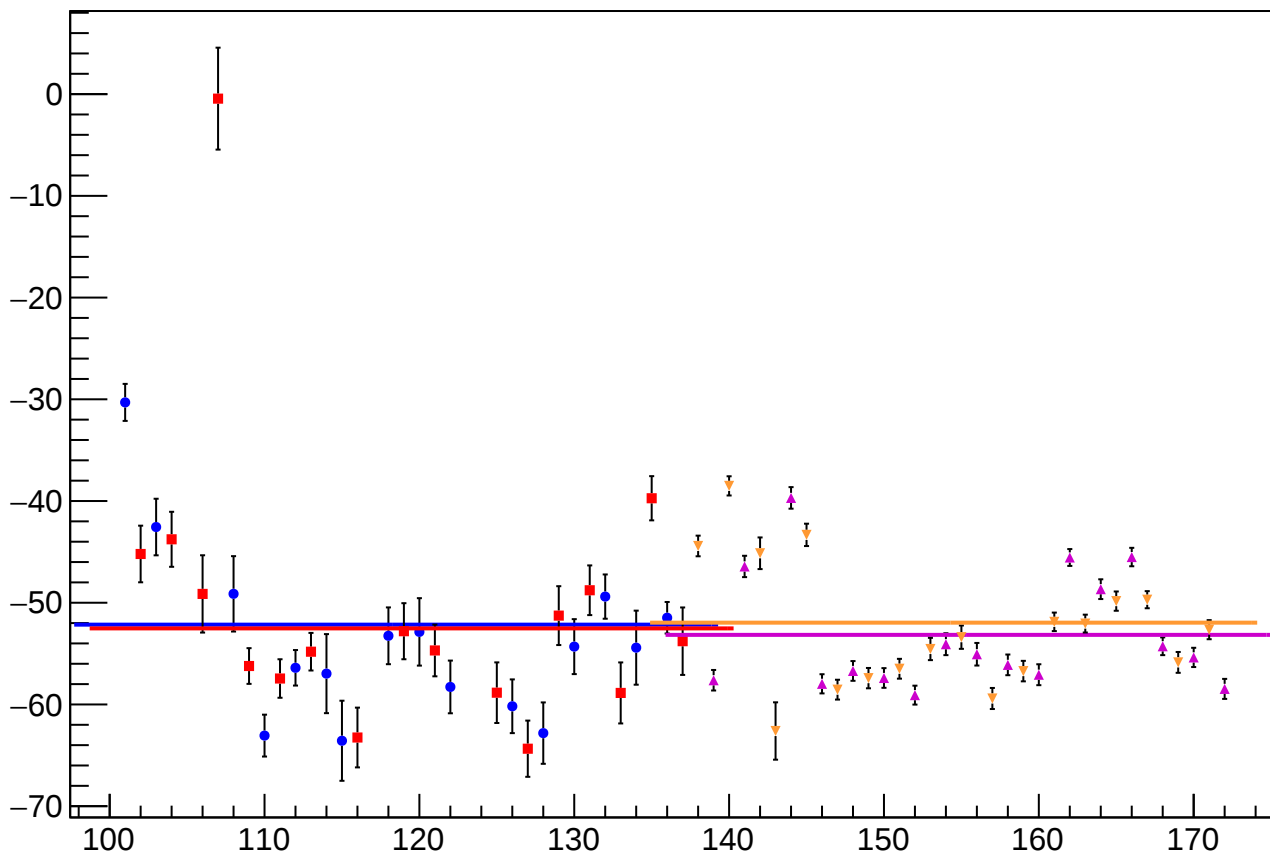
Right: 0.908 $\pm$ 0.245 χ^2/NDF : 82.8/32

In: 0.498 $\pm$ 0.156 χ^2/NDF :256.2/32

Out: 0.660 $\pm$ 0.157 χ^2/NDF :265.5/34

All: 0.578 $\pm$ 0.110 χ^2/NDF : 522.3/67

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: -51.958 ± 0.241 χ^2/NDF : 558.7/17

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -53.159 ± 0.236 χ^2/NDF : 561.2/16

Left: -52.572 ± 0.169 χ^2/NDF : 1132.5/34

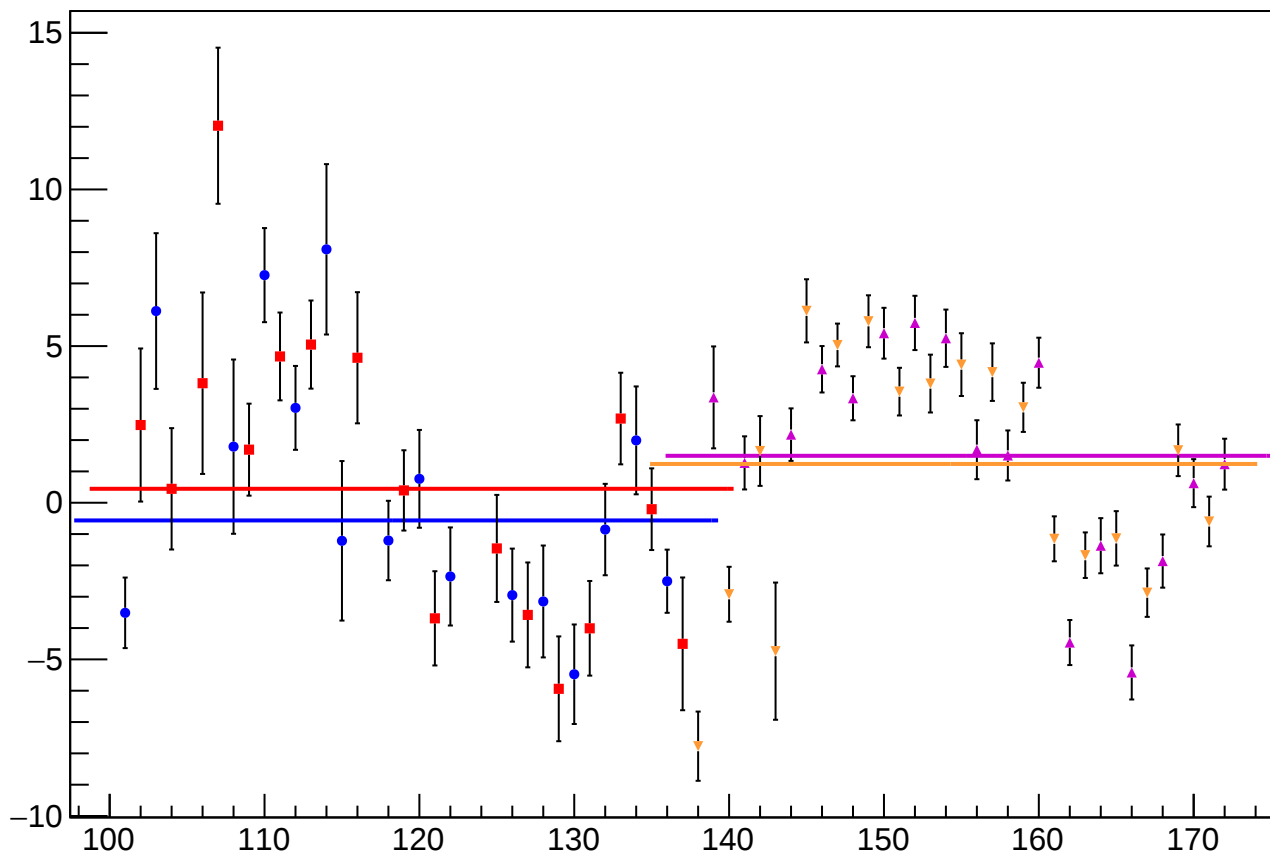
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.029 ± 0.220 χ^2/NDF : 794.6/32

Out: -52.033 ± 0.225 χ^2/NDF : 777.1/34

All: -52.541 ± 0.157 χ^2/NDF : 1581.7/67

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: 1.238 ± 0.203 χ^2/NDF : 292.2/17

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.498 ± 0.202 χ^2/NDF : 261.4/16

Left: 1.368 ± 0.143 χ^2/NDF : 554.4/34

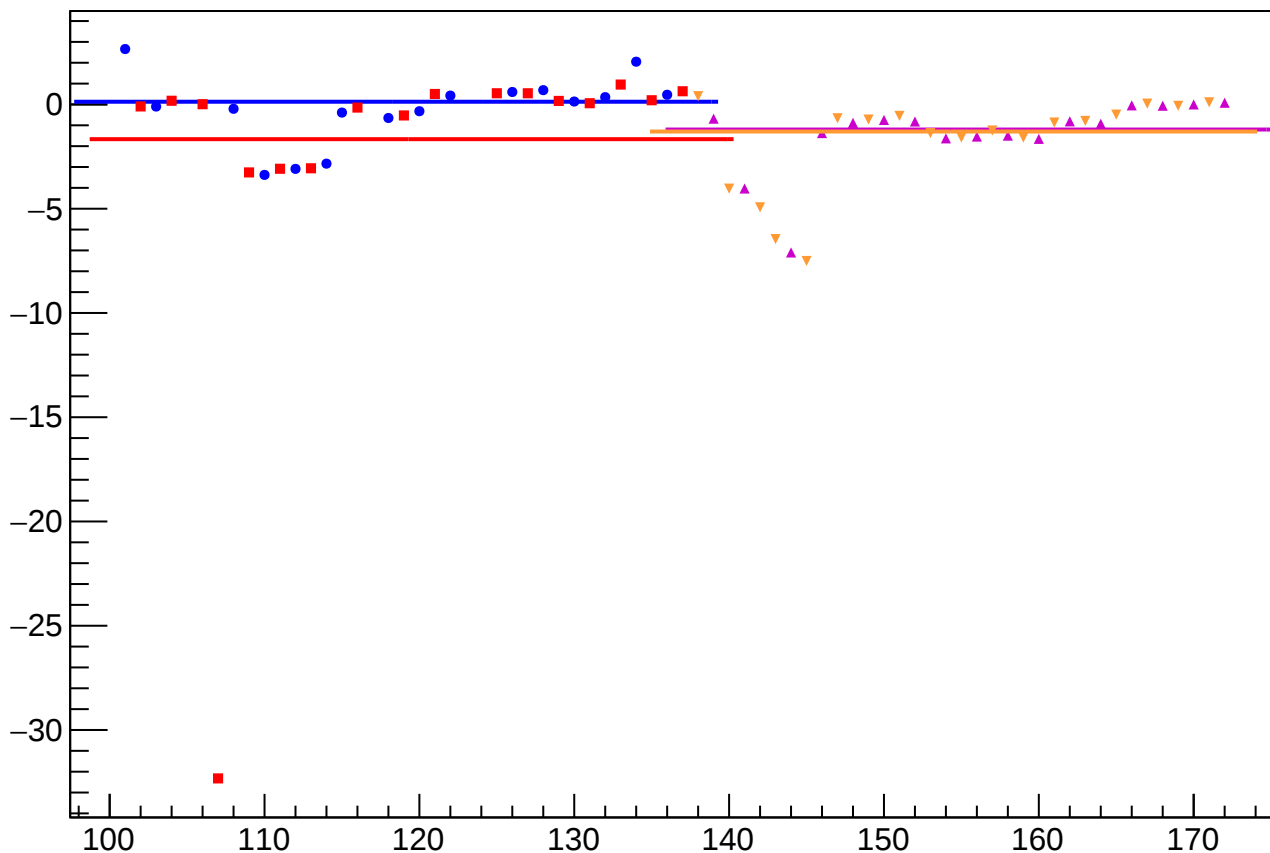
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.052 ± 0.179 χ^2/NDF : 365.8/32

Out: 1.076 ± 0.181 χ^2/NDF : 389.4/34

All: 1.064 ± 0.127 χ^2/NDF : 755.2/67

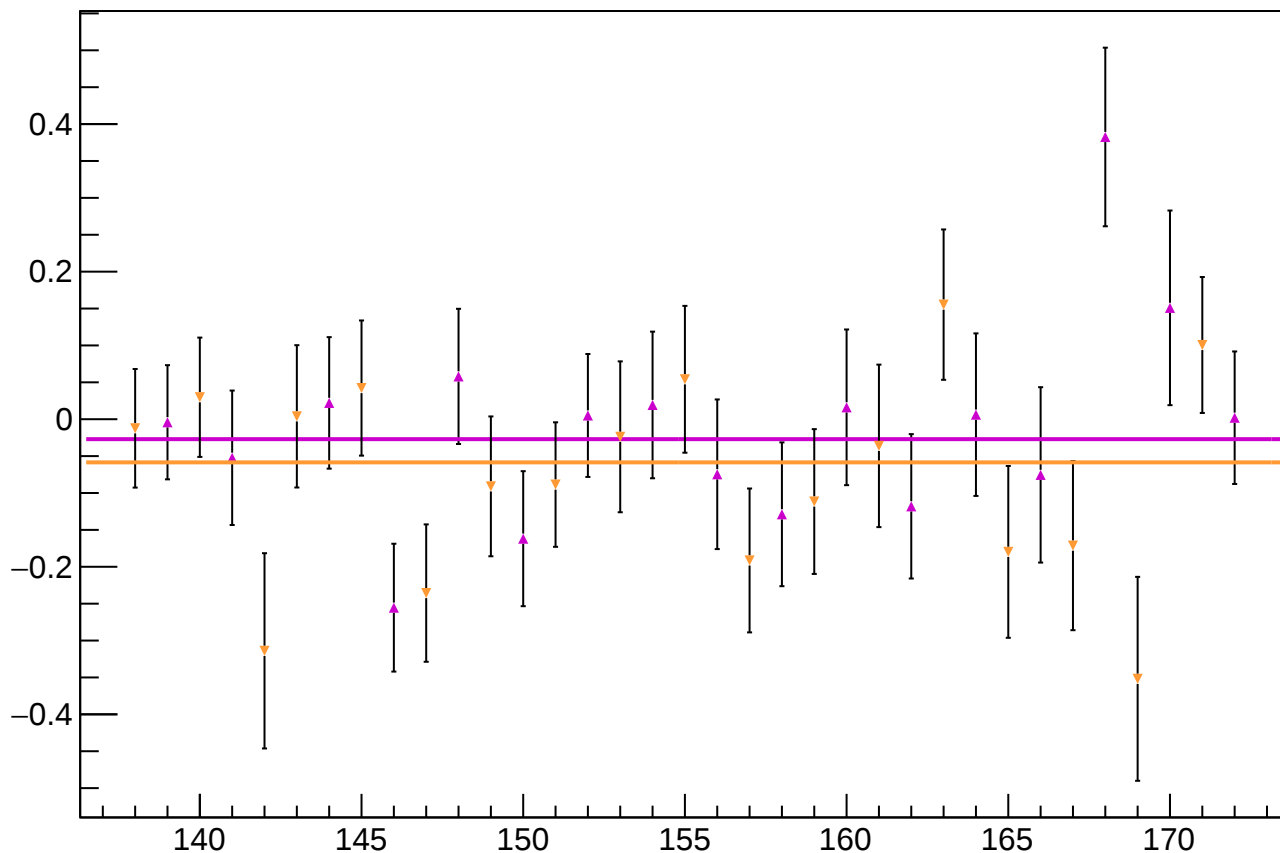
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.298 ± 0.009 $\chi^2/\text{NDF}: 38398.7/17$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.203 ± 0.009 $\chi^2/\text{NDF}: 26408.8/16$

Left: -1.249 ± 0.007 $\chi^2/\text{NDF}: 64860.5/34$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.997 ± 0.008 $\chi^2/\text{NDF}: 34889.2/32$
 Out: -1.355 ± 0.009 $\chi^2/\text{NDF}: 116238.3/34$
 All: -1.172 ± 0.006 $\chi^2/\text{NDF}: 152005.4/67$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.059+/-0.023 χ^2/NDF : 28.3/17

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

Left In: -0.027+/-0.023 χ^2/NDF : 26.8/16

Left: -0.043+/-0.016 χ^2/NDF : 56.0/34

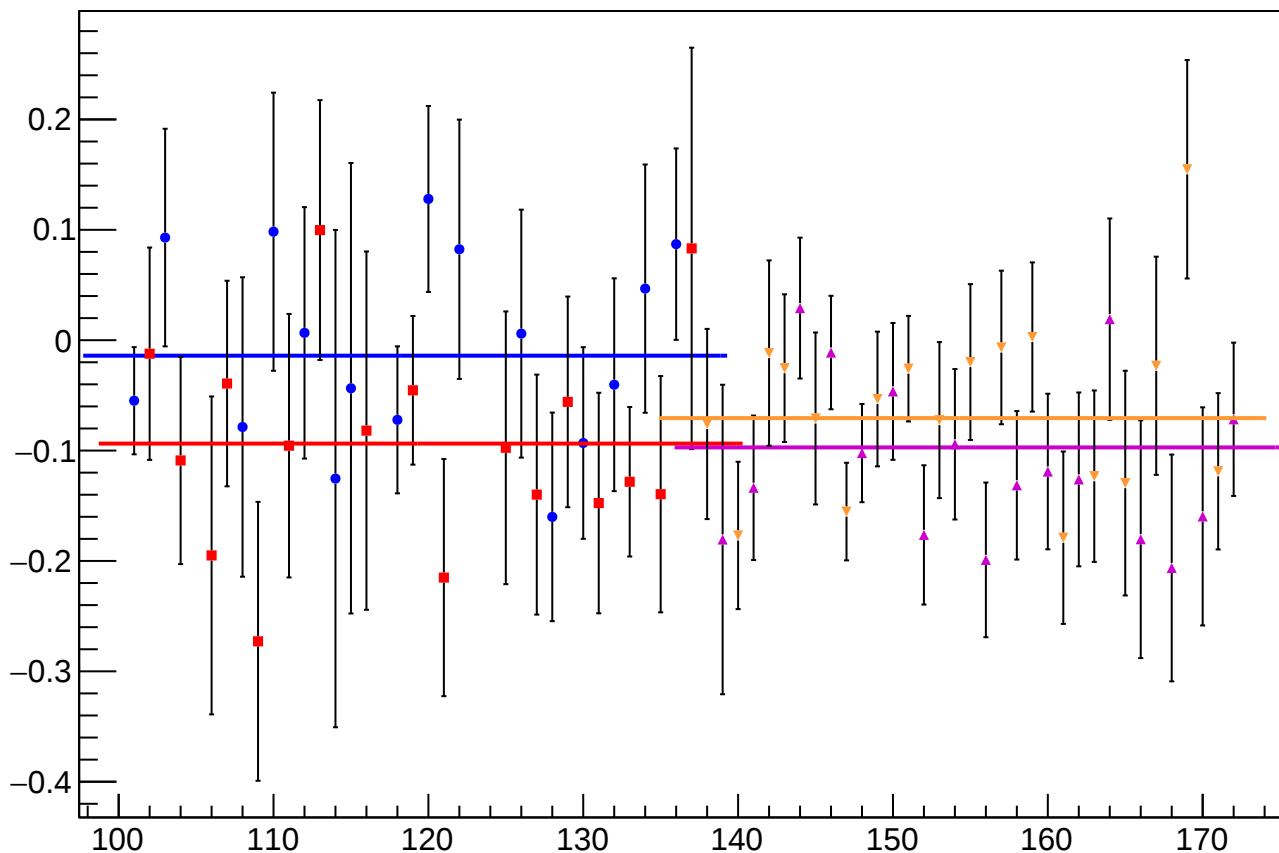
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.027+/-0.023 χ^2/NDF : 26.8/16

Out: -0.059+/-0.023 χ^2/NDF : 28.3/17

All: -0.043+/-0.016 χ^2/NDF : 56.0/34

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: -0.071 ± 0.016 $\chi^2/\text{NDF}: 19.3/17$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.097 ± 0.017 $\chi^2/\text{NDF}: 16.1/16$

Left: -0.083 ± 0.012 $\chi^2/\text{NDF}: 36.7/34$

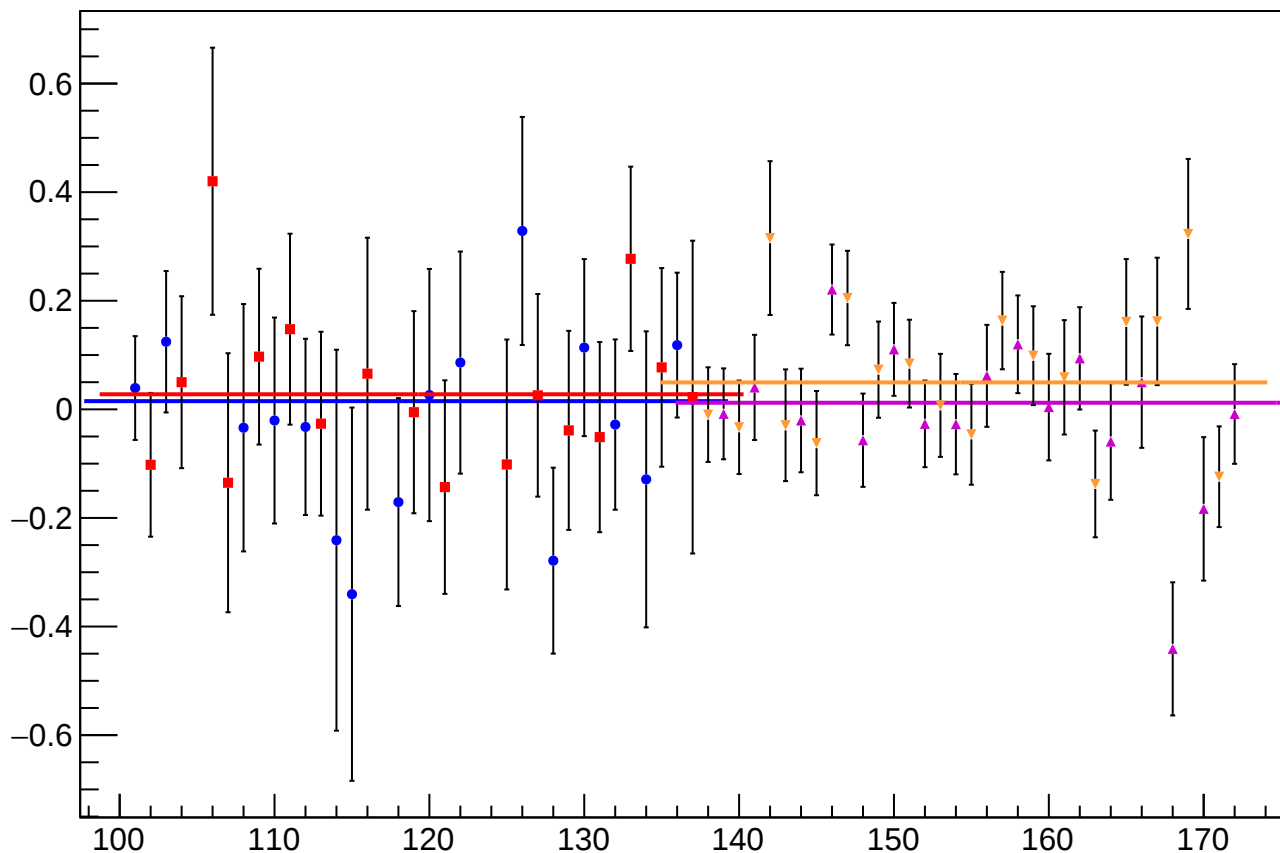
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.069 ± 0.014 $\chi^2/\text{NDF}: 37.0/32$

Out: -0.078 ± 0.014 $\chi^2/\text{NDF}: 30.0/34$

All: -0.073 ± 0.010 $\chi^2/\text{NDF}: 67.2/67$

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: 0.050 $\pm$ 0.023 χ^2 /NDF: 26.4/17

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.012 $\pm$ 0.023 χ^2 /NDF: 27.9/16

Left: 0.031 $\pm$ 0.016 χ^2 /NDF: 55.6/34

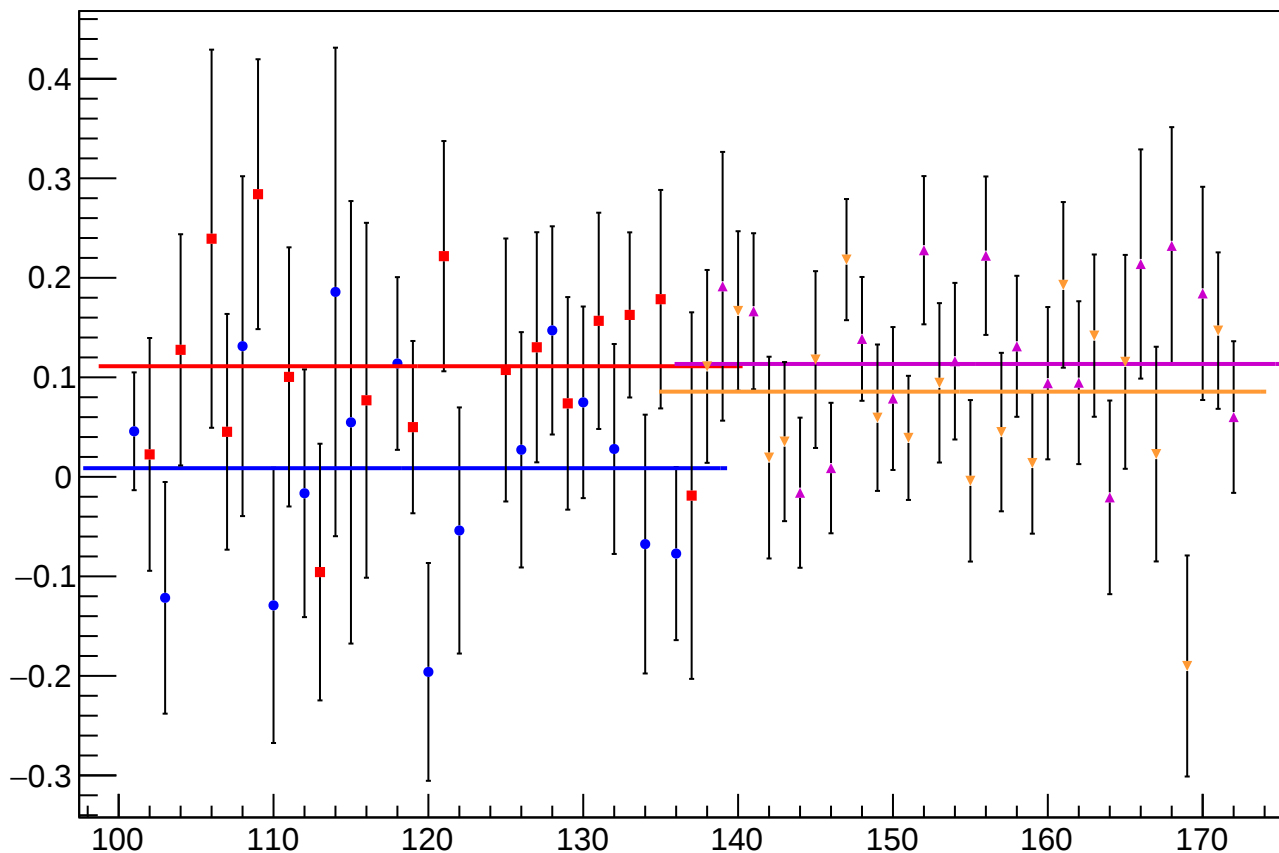
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.013 $\pm$ 0.020 χ^2 /NDF: 38.0/32

Out: 0.045 $\pm$ 0.020 χ^2 /NDF: 35.0/34

All: 0.029 $\pm$ 0.014 χ^2 /NDF: 74.2/67

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.086 $\pm$ 0.019 χ^2 /NDF:19.3/17

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.113 $\pm$ 0.020 χ^2 /NDF:15.7/16

Left: 0.099 $\pm$ 0.014 χ^2 /NDF: 36.0/34

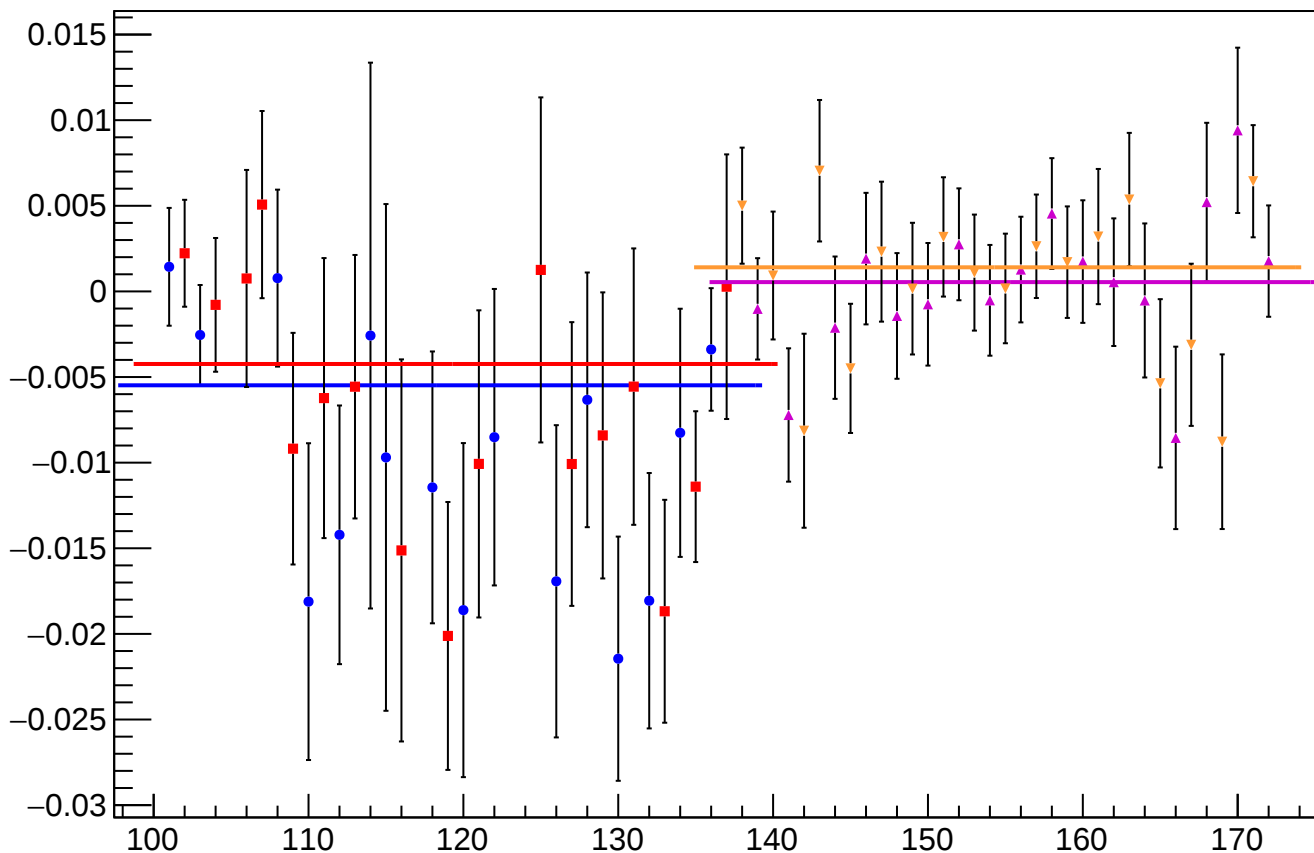
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.077 $\pm$ 0.016 χ^2 /NDF:38.1/32

Out: 0.094 $\pm$ 0.016 χ^2 /NDF:28.5/34

All: 0.085 $\pm$ 0.011 χ^2 /NDF: 67.1/67

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 19.4/17

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.001 ± 0.001 χ^2/NDF : 15.0/16

Left: 0.001 ± 0.001 χ^2/NDF : 34.9/34

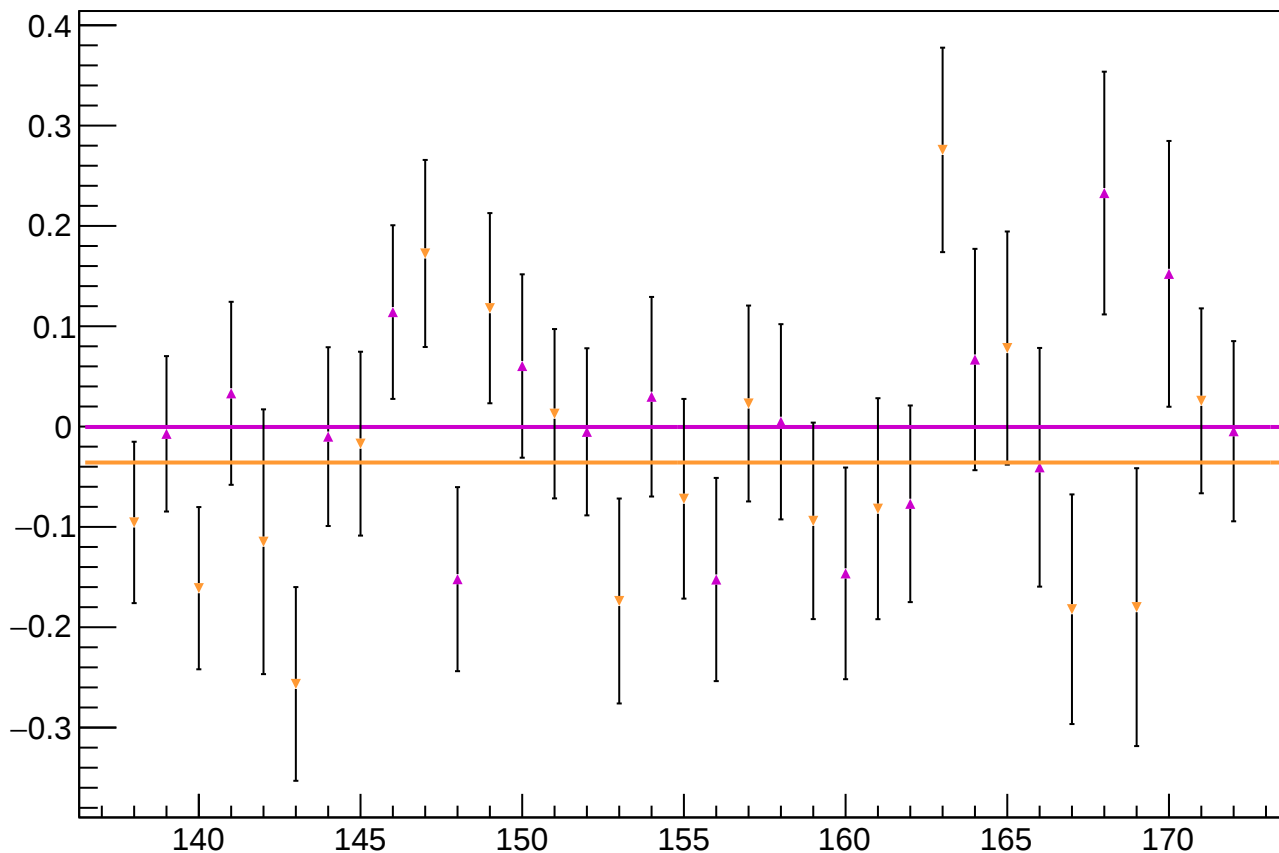
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 49.9/32

Out: -0.000 ± 0.001 χ^2/NDF : 53.9/34

All: -0.001 ± 0.001 χ^2/NDF : 104.8/67

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: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17

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

Left In: -0.000 $\pm$ 0.023 χ^2 /NDF:15.5/16

Left: -0.018 $\pm$ 0.016 χ^2 /NDF: 49.5/34

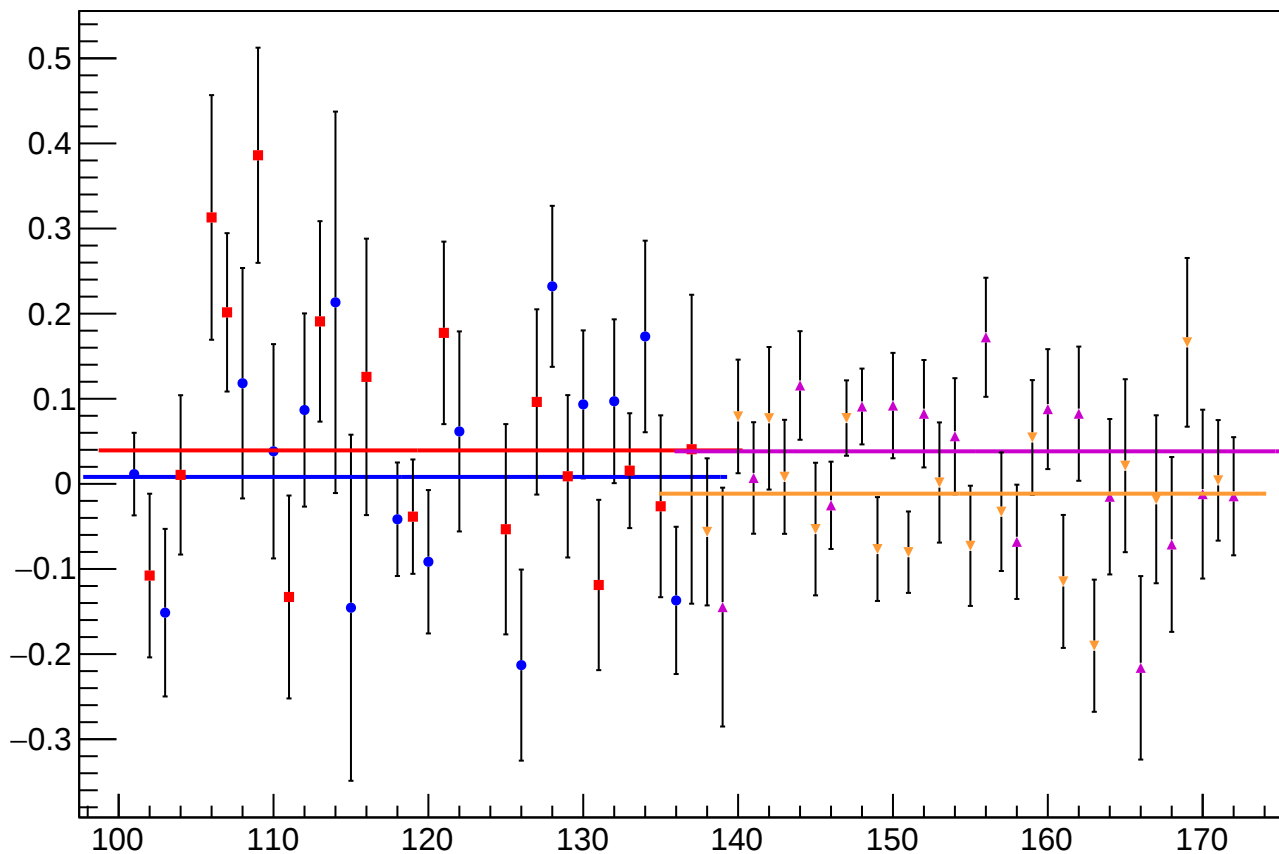
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.000 $\pm$ 0.023 χ^2 /NDF:15.5/16

Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17

All: -0.018 $\pm$ 0.016 χ^2 /NDF: 49.5/34

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: -0.012 $\pm$ 0.016 χ^2/NDF : 23.1/17

Right Out: 0.039 $\pm$ 0.025 χ^2/NDF : 27.6/16

Left In: 0.038 $\pm$ 0.017 χ^2/NDF : 22.5/16

Left: 0.013 $\pm$ 0.012 χ^2/NDF : 50.1/34

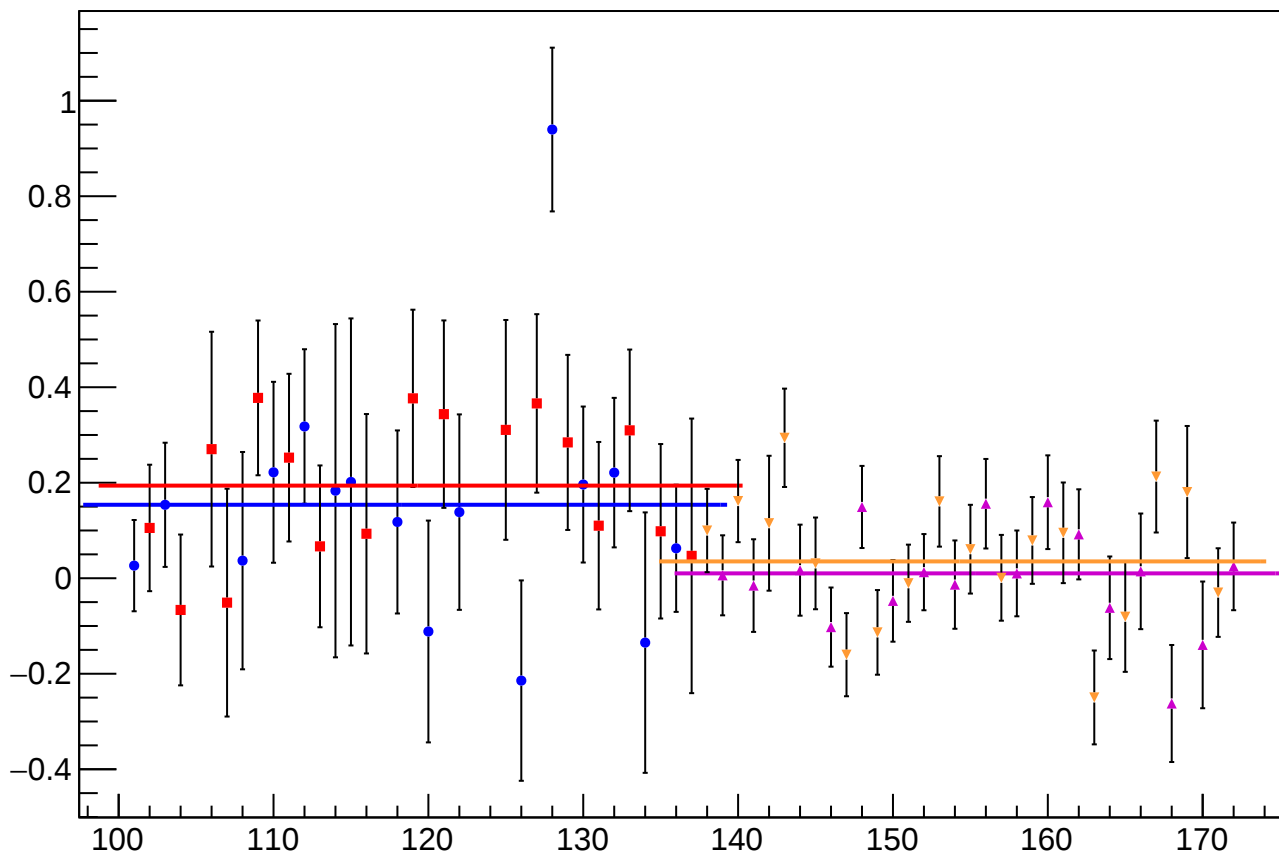
Right: 0.023 $\pm$ 0.017 χ^2/NDF : 52.1/32

In: 0.028 $\pm$ 0.014 χ^2/NDF : 47.3/32

Out: 0.004 $\pm$ 0.014 χ^2/NDF : 53.6/34

All: 0.016 $\pm$ 0.010 χ^2/NDF : 102.5/67

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.035 ± 0.023 $\chi^2/\text{NDF}: 33.3/17$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.010 ± 0.023 $\chi^2/\text{NDF}: 17.2/16$

Left: 0.023 ± 0.016 $\chi^2/\text{NDF}: 51.2/34$

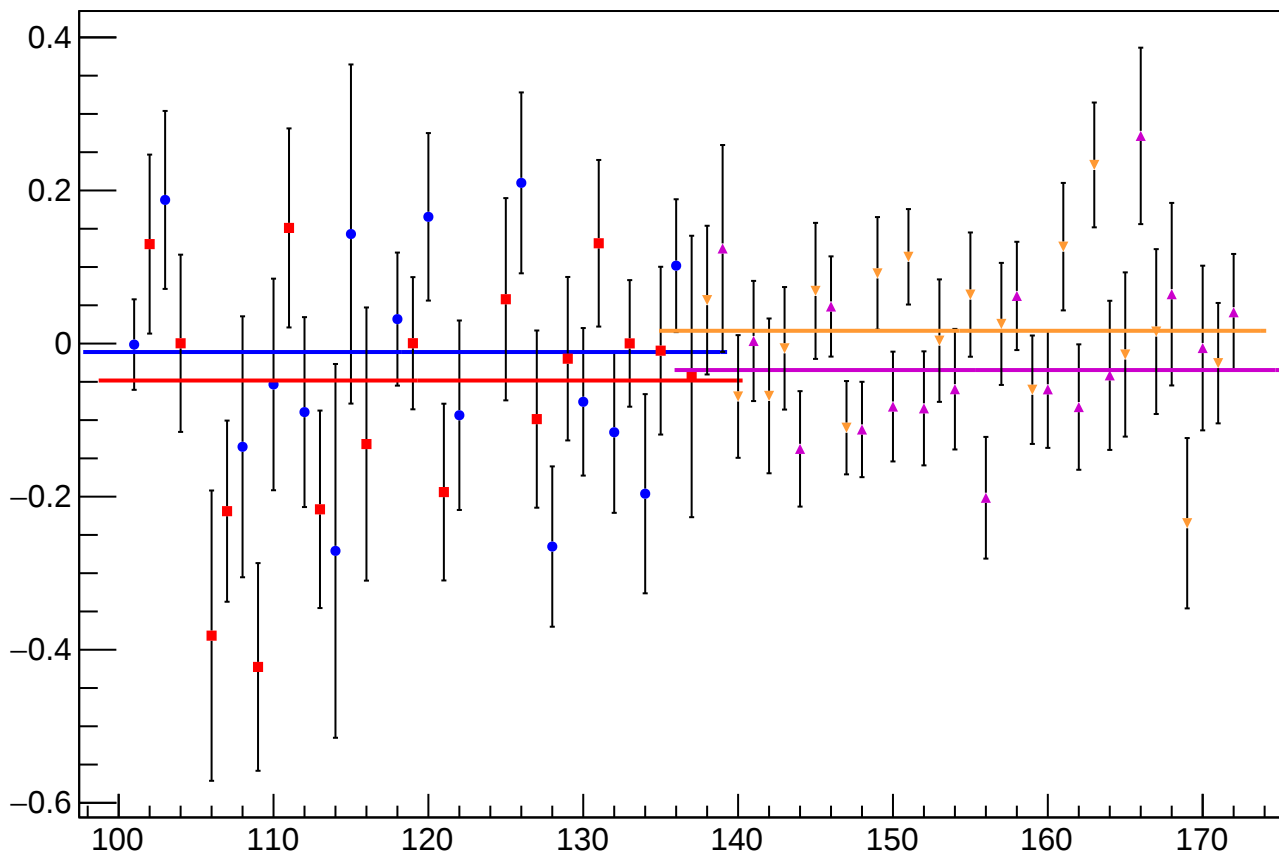
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.042 ± 0.020 $\chi^2/\text{NDF}: 56.5/32$

Out: 0.068 ± 0.020 $\chi^2/\text{NDF}: 53.8/34$

All: 0.055 ± 0.014 $\chi^2/\text{NDF}: 111.1/67$

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.027 χ^2/NDF : 23.4/15

Left Out: 0.017 $\pm$ 0.019 χ^2/NDF :26.0/17

Right Out: -0.048 $\pm$ 0.029 χ^2/NDF : 25.6/16

Left In: -0.035 $\pm$ 0.020 χ^2/NDF :23.2/16

Left: -0.008 $\pm$ 0.014 χ^2/NDF : 52.7/34

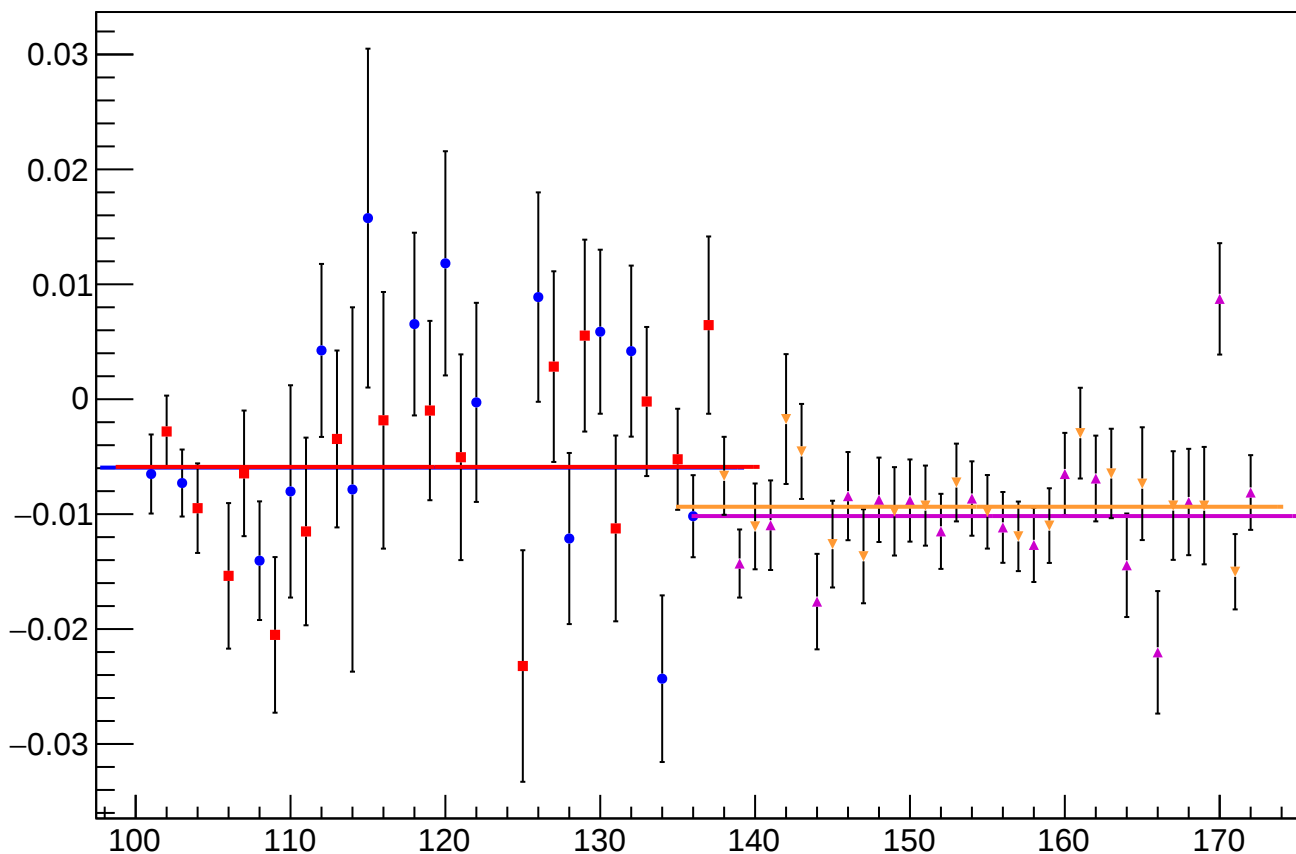
Right: -0.029 $\pm$ 0.020 χ^2/NDF : 49.9/32

In: -0.026 $\pm$ 0.016 χ^2/NDF :47.1/32

Out: -0.003 $\pm$ 0.016 χ^2/NDF :55.2/34

All: -0.015 $\pm$ 0.011 χ^2/NDF : 103.3/67

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 13.6/17

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.010 ± 0.001 χ^2/NDF : 30.1/16

Left: -0.010 ± 0.001 χ^2/NDF : 44.1/34

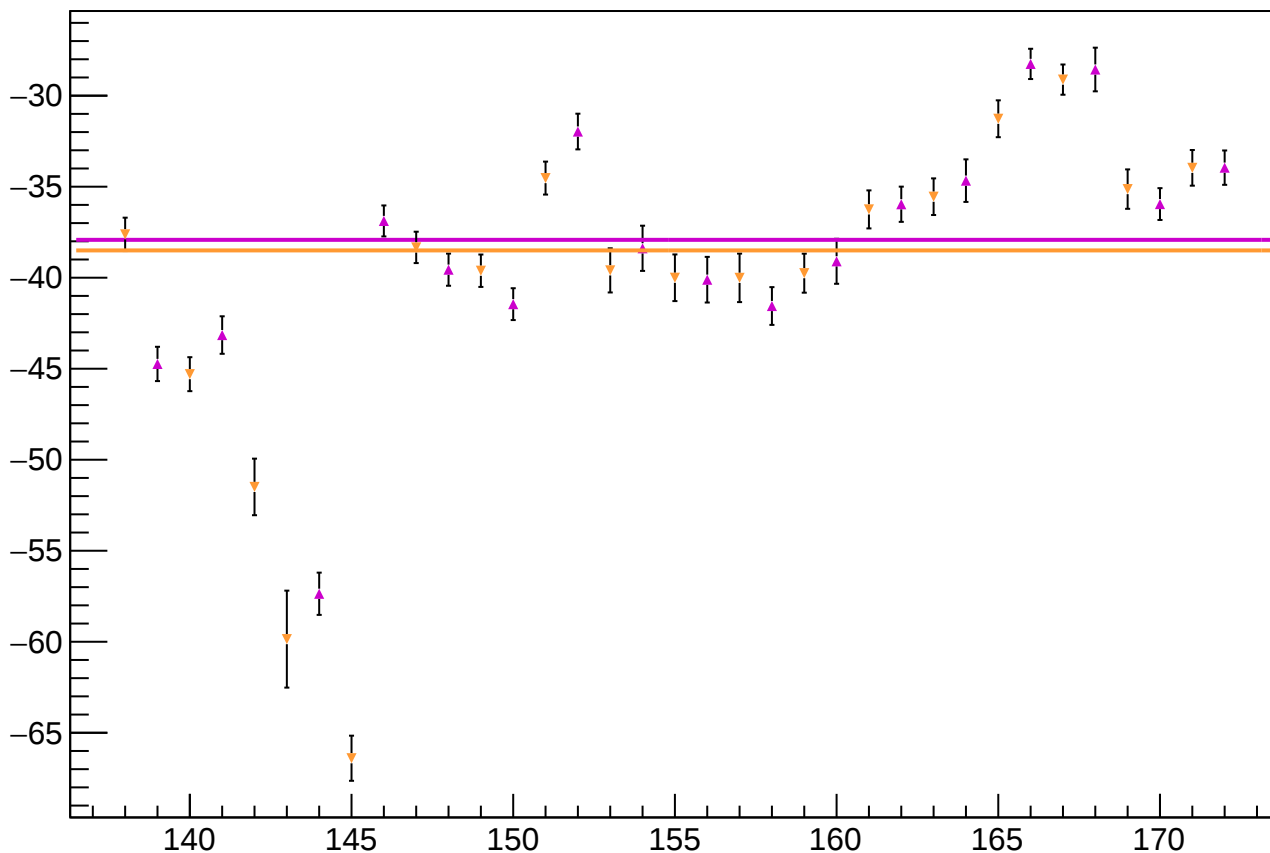
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 65.1/32

Out: -0.008 ± 0.001 χ^2/NDF : 37.3/34

All: -0.009 ± 0.001 χ^2/NDF : 102.6/67

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



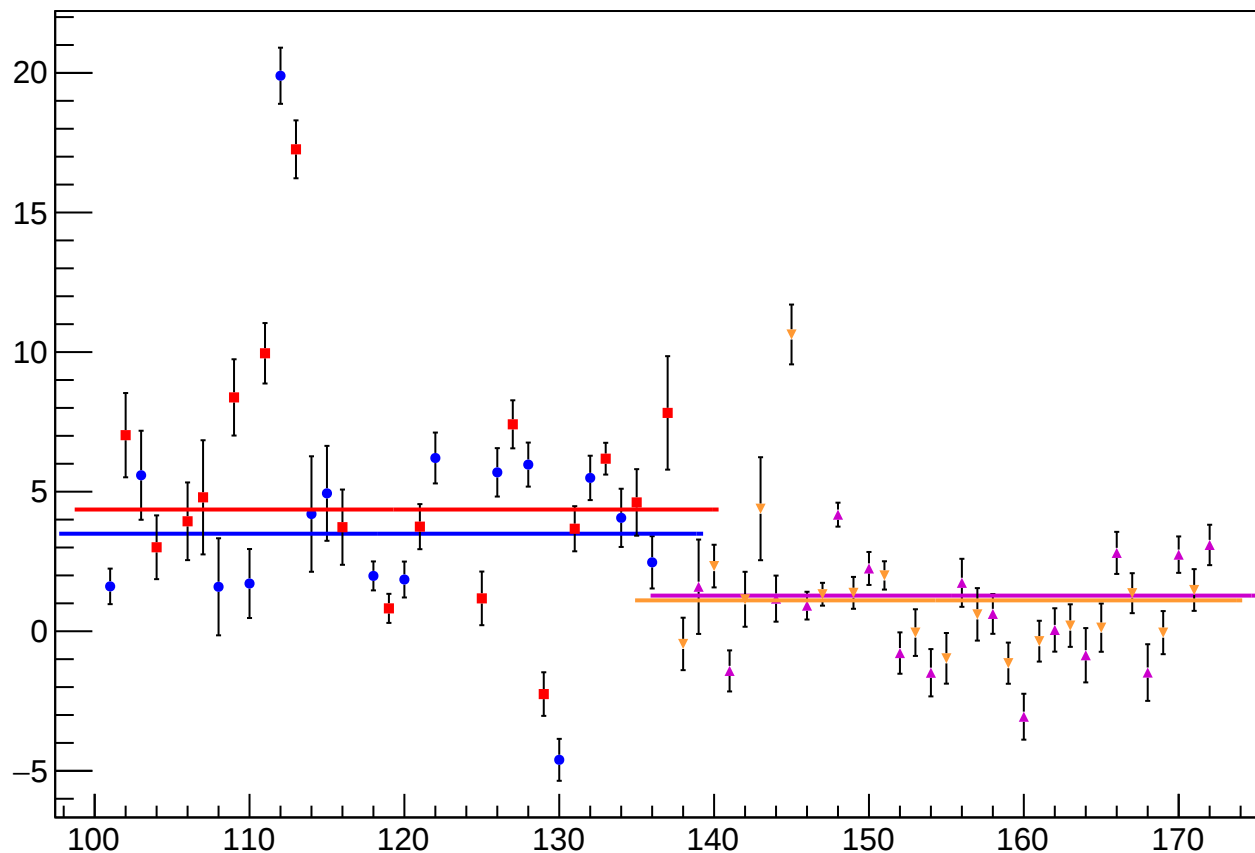
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.501+/-0.248 χ^2/NDF : 943.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.920+/-0.242 χ^2/NDF : 663.9/16

Left: -38.204+/-0.173 χ^2/NDF : 1610.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.920+/-0.242 χ^2/NDF : 663.9/16
 Out: -38.501+/-0.248 χ^2/NDF : 943.6/17

All: -38.204+/-0.173 χ^2/NDF : 1610.3/34

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.106 ± 0.172 $\chi^2/\text{NDF}: 117.2/17$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: 1.277 ± 0.172 $\chi^2/\text{NDF}: 139.9/16$

Left: 1.191 ± 0.122 $\chi^2/\text{NDF}: 257.6/34$

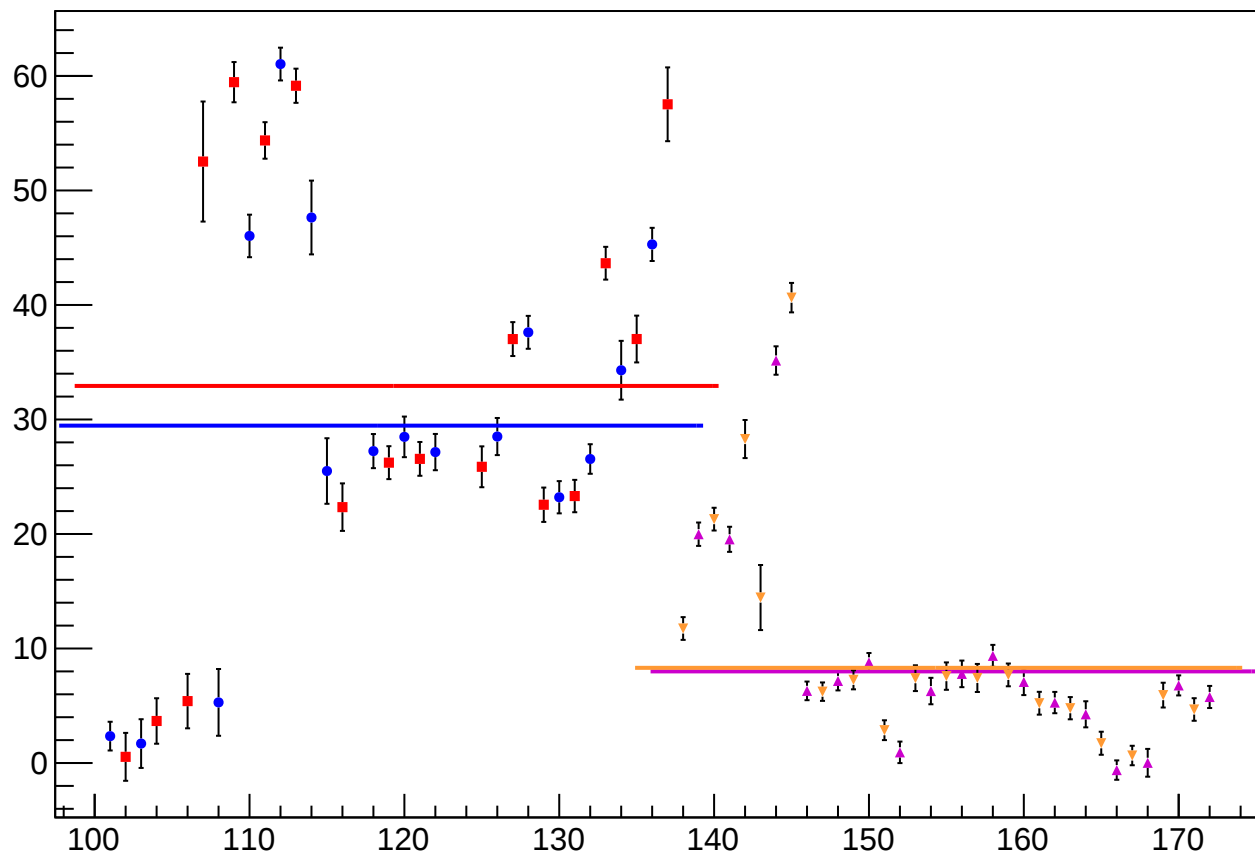
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.130 ± 0.135 $\chi^2/\text{NDF}: 648.6/32$

Out: 2.301 ± 0.137 $\chi^2/\text{NDF}: 600.1/34$

All: 2.215 ± 0.096 $\chi^2/\text{NDF}: 1249.6/67$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 8.312 $\pm$ 0.243 χ^2 /NDF:1178.5/17

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 8.000 $\pm$ 0.237 χ^2 /NDF:968.6/16

Left: 8.152 $\pm$ 0.170 χ^2 /NDF: 2147.9/34

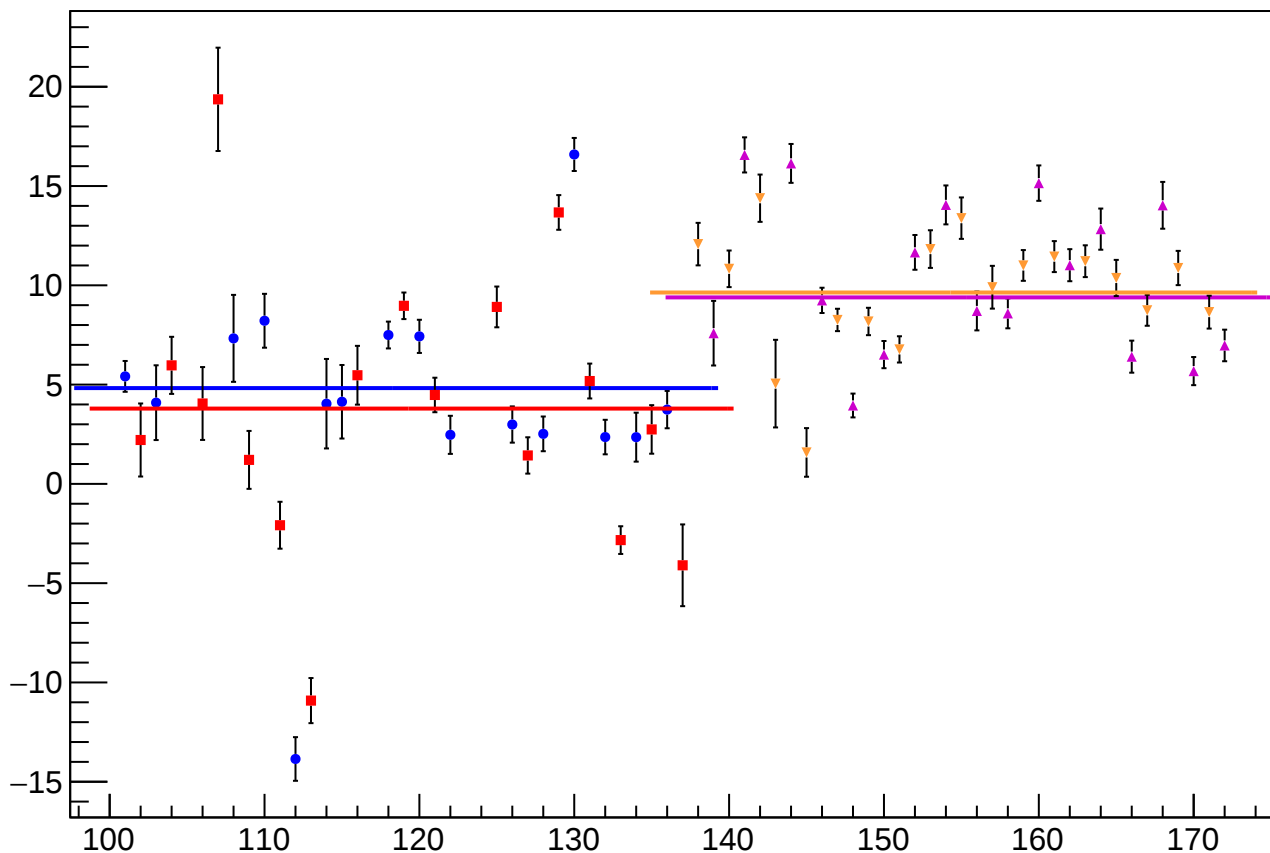
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 13.242 $\pm$ 0.206 χ^2 /NDF:4457.3/32

Out: 14.411 $\pm$ 0.211 χ^2 /NDF:5344.8/34

All: 13.814 $\pm$ 0.147 χ^2 /NDF: 9817.8/67

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: 9.638 $\pm$ 0.202 χ^2 /NDF:135.6/17

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.391 $\pm$ 0.201 χ^2 /NDF:368.2/16

Left: 9.514 $\pm$ 0.142 χ^2 /NDF: 504.6/34

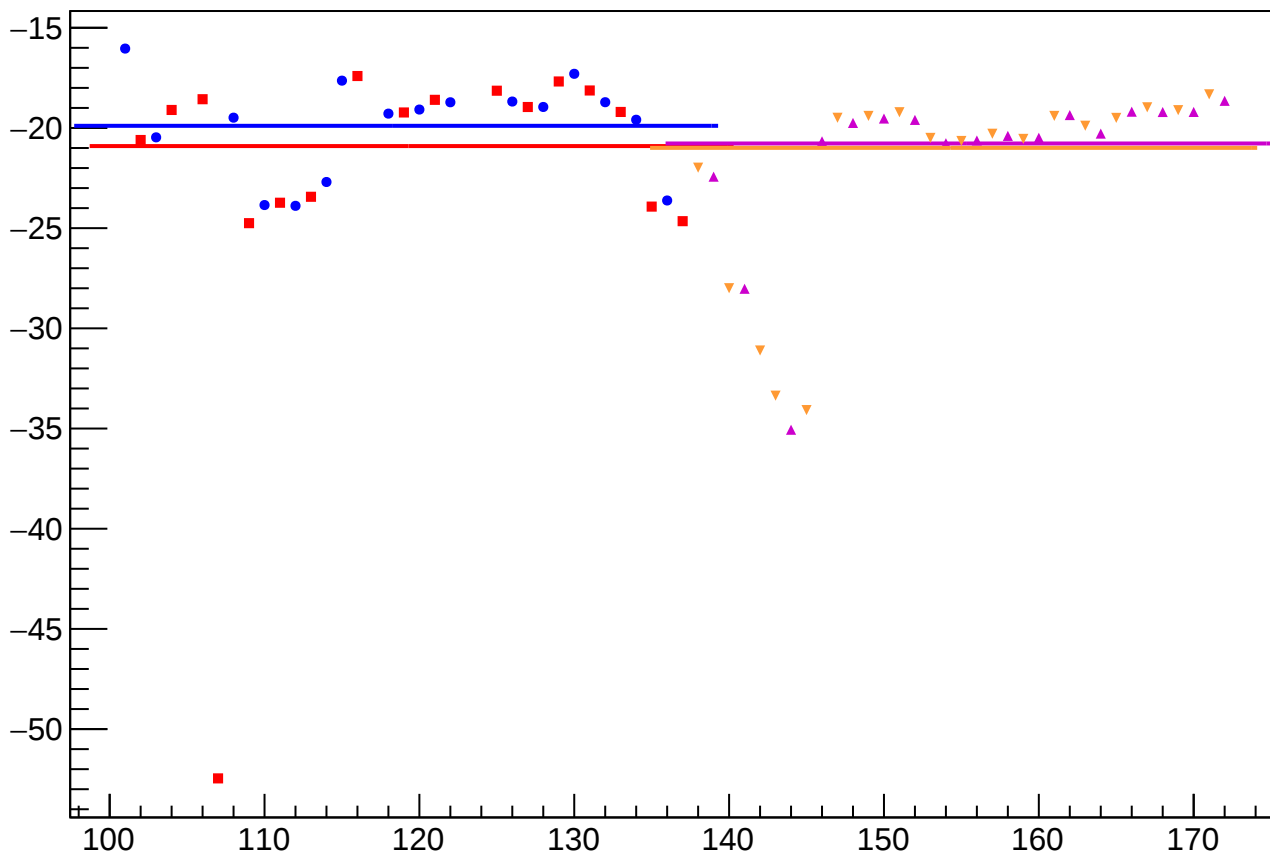
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.615 $\pm$ 0.157 χ^2 /NDF:1122.4/32

Out: 7.431 $\pm$ 0.159 χ^2 /NDF:1016.5/34

All: 7.524 $\pm$ 0.112 χ^2 /NDF: 2139.5/67

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: -20.993 ± 0.010 $\chi^2/\text{NDF}: 149274.8/17$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -20.774 ± 0.009 $\chi^2/\text{NDF}: 111867.5/16$

Left: -20.880 ± 0.007 $\chi^2/\text{NDF}: 261410.0/34$

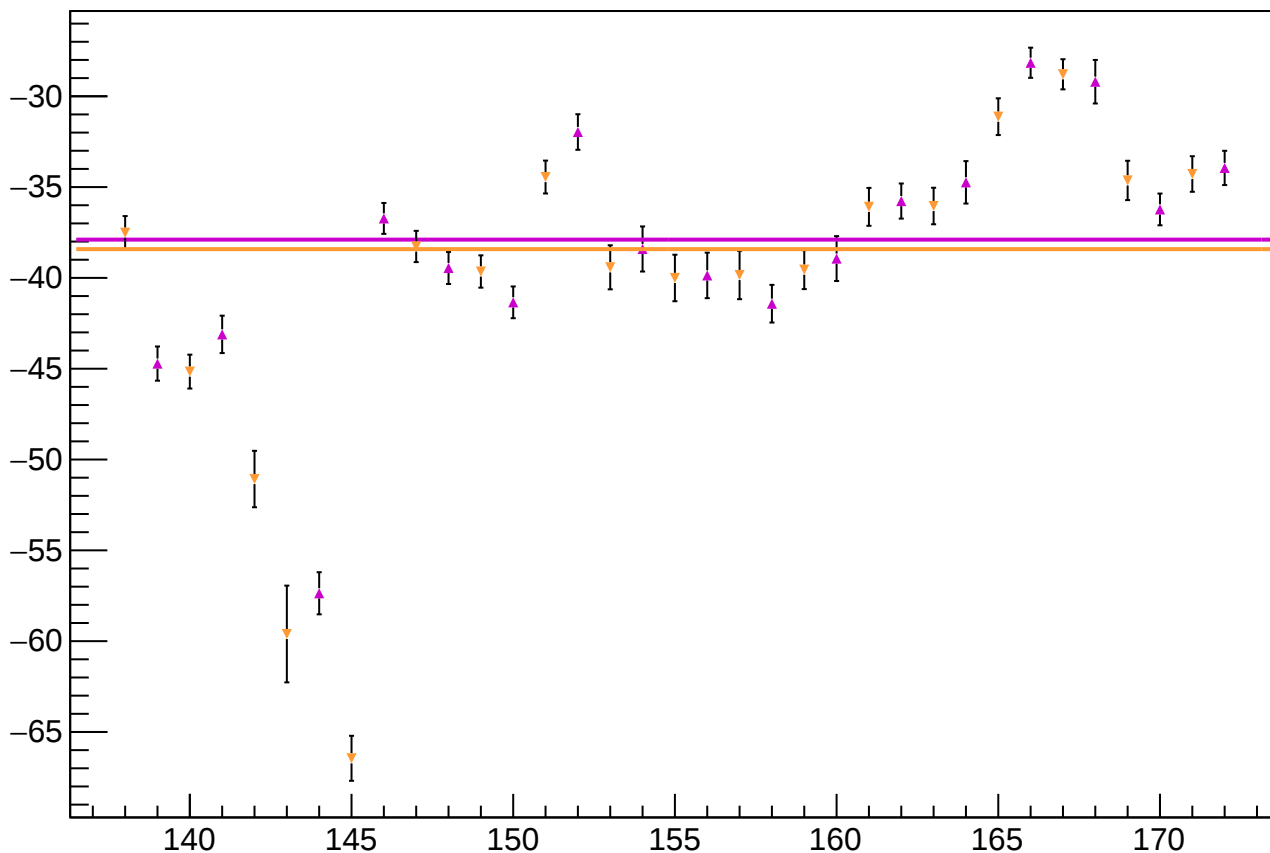
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.542 ± 0.008 $\chi^2/\text{NDF}: 140318.5/32$

Out: -20.969 ± 0.008 $\chi^2/\text{NDF}: 242101.0/34$

All: -20.750 ± 0.006 $\chi^2/\text{NDF}: 383808.1/67$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -38.417 $\pm$ 0.247 χ^2 /NDF:947.9/17

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

Left In: -37.893 $\pm$ 0.242 χ^2 /NDF:655.6/16

Left: -38.149 $\pm$ 0.173 χ^2 /NDF: 1605.8/34

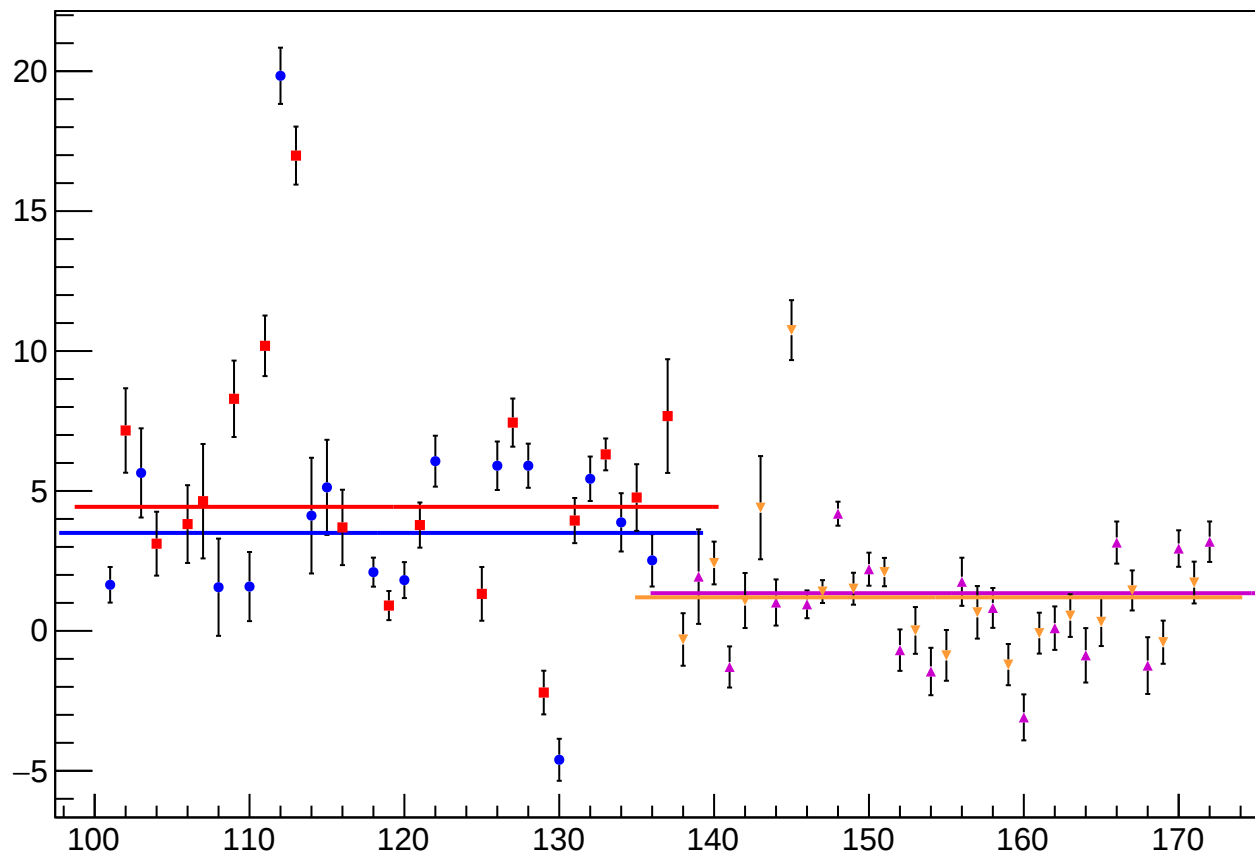
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -37.893 $\pm$ 0.242 χ^2 /NDF:655.6/16

Out: -38.417 $\pm$ 0.247 χ^2 /NDF:947.9/17

All: -38.149 $\pm$ 0.173 χ^2 /NDF: 1605.8/34

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.200 ± 0.172 $\chi^2/\text{NDF}: 119.4/17$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.347 ± 0.172 $\chi^2/\text{NDF}: 140.7/16$

Left: 1.273 ± 0.121 $\chi^2/\text{NDF}: 260.5/34$

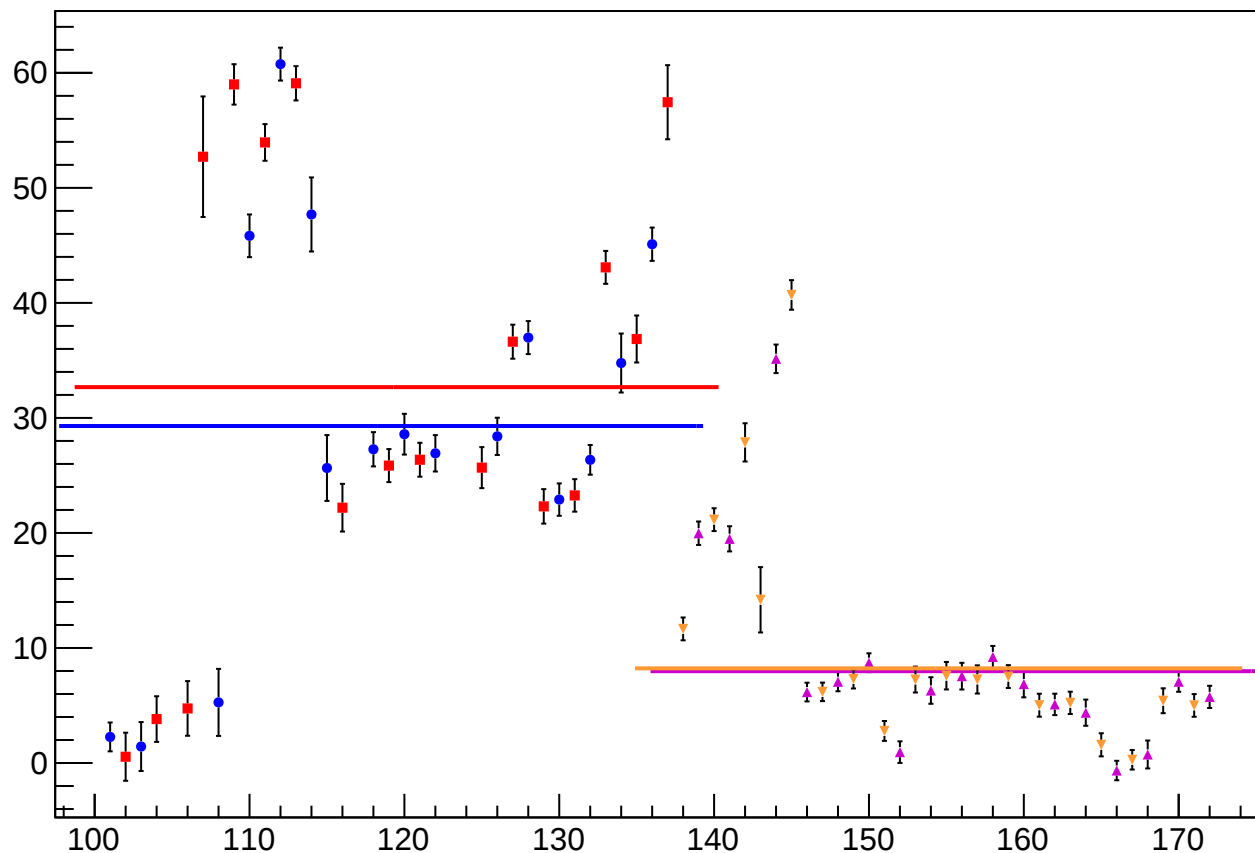
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.176 ± 0.135 $\chi^2/\text{NDF}: 643.0/32$

Out: 2.386 ± 0.136 $\chi^2/\text{NDF}: 593.4/34$

All: 2.280 ± 0.096 $\chi^2/\text{NDF}: 1237.6/67$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 8.230 ± 0.243 $\chi^2/\text{NDF}: 1181.4/17$

Right Out: 32.679 ± 0.423 $\chi^2/\text{NDF}: 1614.8/16$

Left In: 7.983 ± 0.237 $\chi^2/\text{NDF}: 962.4/16$

Left: 8.103 ± 0.170 $\chi^2/\text{NDF}: 2144.3/34$

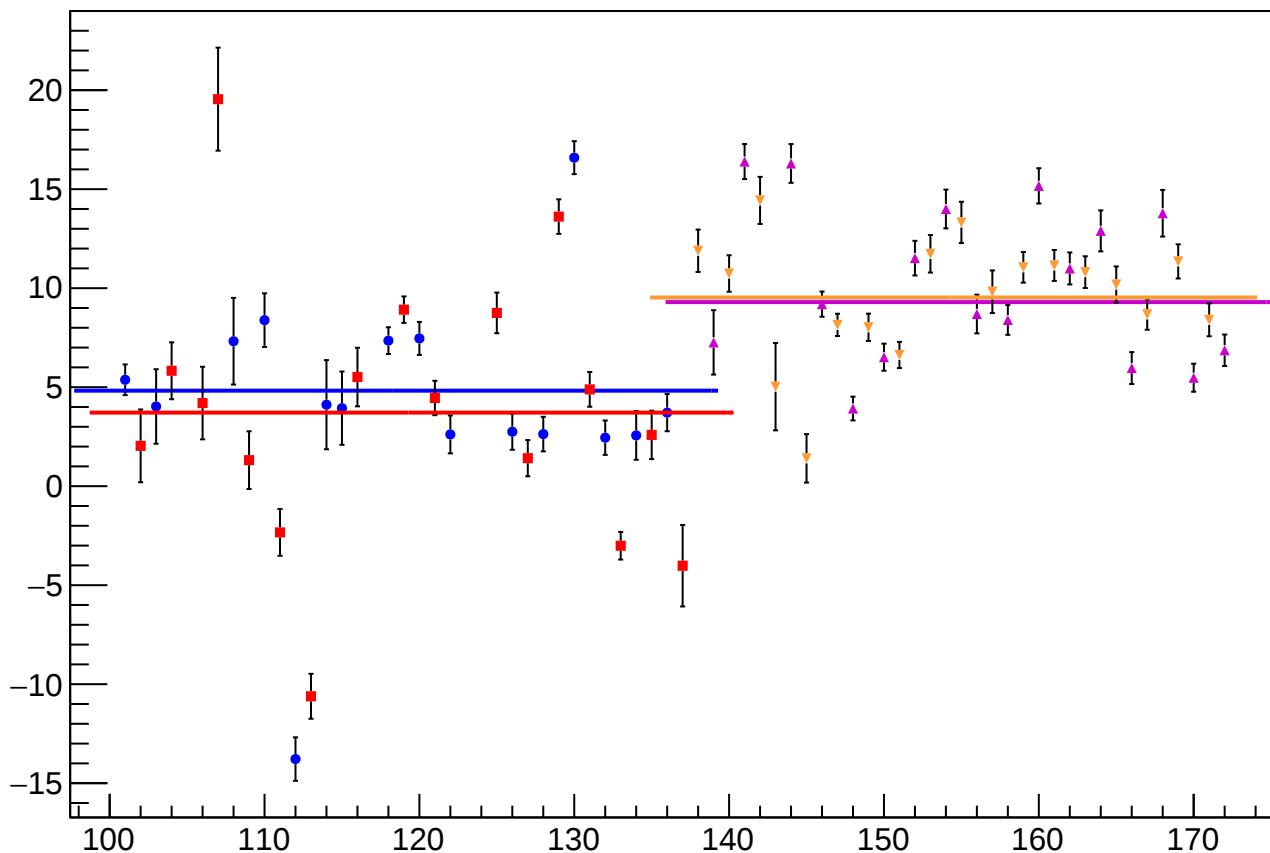
Right: 30.964 ± 0.297 $\chi^2/\text{NDF}: 3132.4/32$

In: 13.189 ± 0.206 $\chi^2/\text{NDF}: 4419.8/32$

Out: 14.289 ± 0.211 $\chi^2/\text{NDF}: 5306.7/34$

All: 13.727 ± 0.147 $\chi^2/\text{NDF}: 9740.4/67$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.530 ± 0.202 χ^2/NDF : 139.4/17

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.297 ± 0.201 χ^2/NDF : 375.5/16

Left: 9.413 ± 0.142 χ^2/NDF : 515.5/34

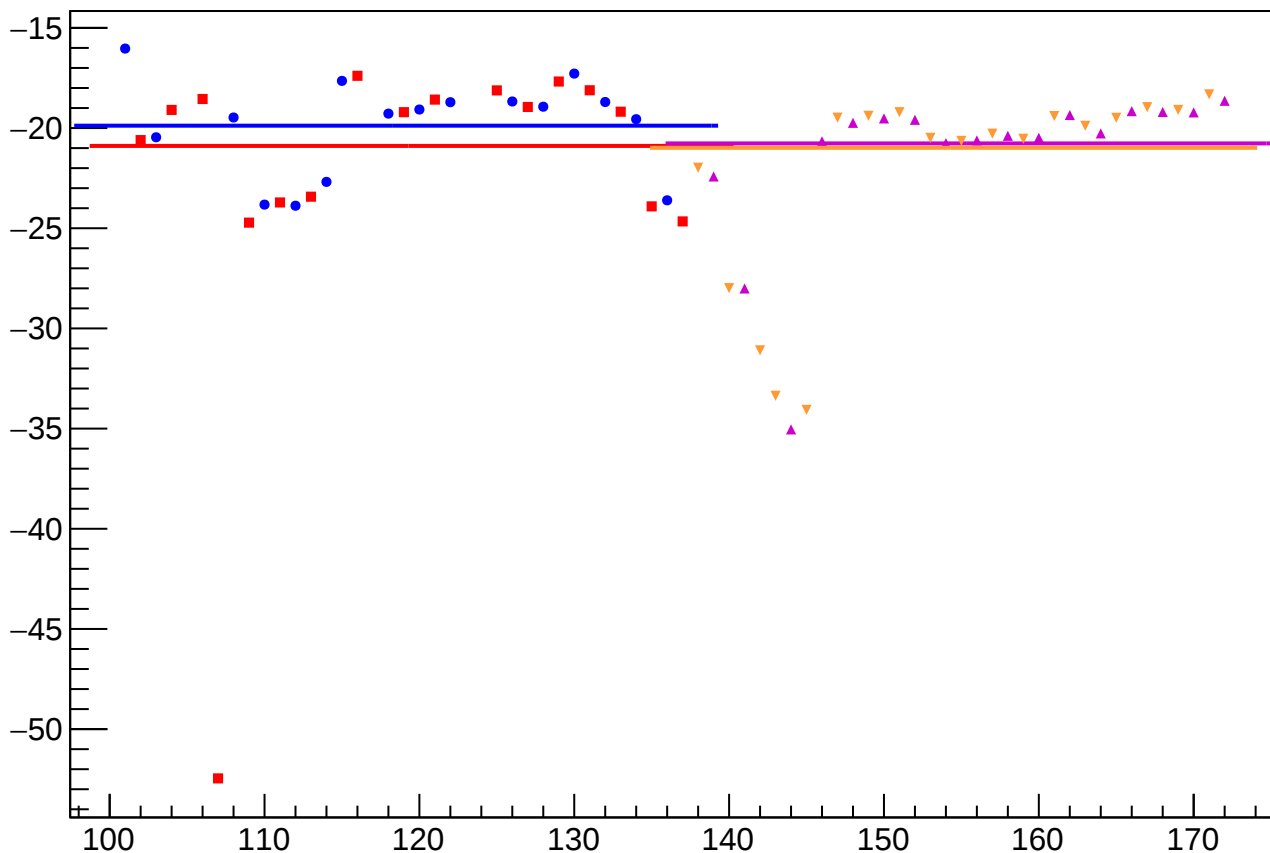
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.557 ± 0.157 χ^2/NDF : 1118.0/32

Out: 7.334 ± 0.159 χ^2/NDF : 1013.4/34

All: 7.447 ± 0.112 χ^2/NDF : 2132.4/67

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: -20.985 ± 0.010 $\chi^2/\text{NDF}: 149390.5/17$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.765 ± 0.009 $\chi^2/\text{NDF}: 111761.7/16$

Left: -20.872 ± 0.007 $\chi^2/\text{NDF}: 261421.4/34$

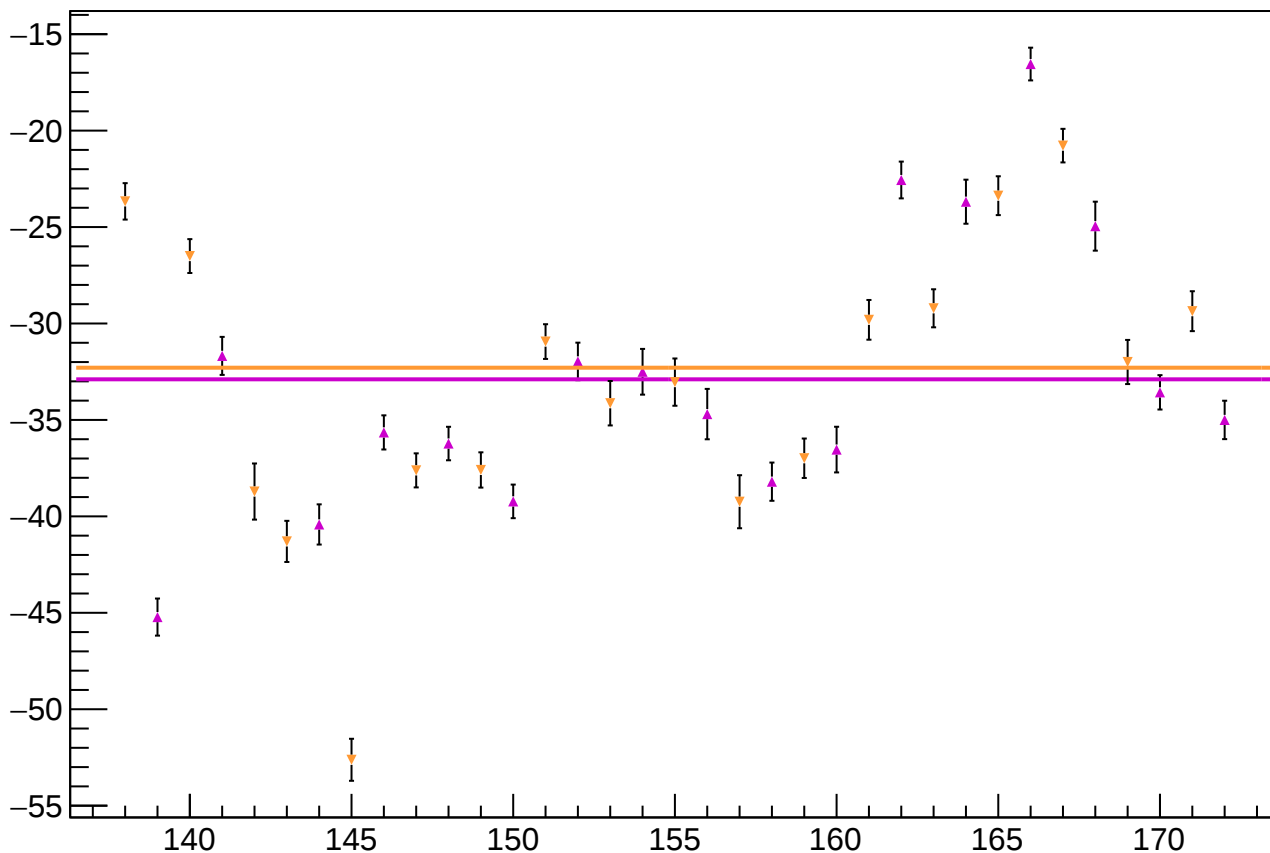
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.533 ± 0.008 $\chi^2/\text{NDF}: 140223.1/32$

Out: -20.959 ± 0.008 $\chi^2/\text{NDF}: 242330.2/34$

All: -20.741 ± 0.006 $\chi^2/\text{NDF}: 383944.0/67$

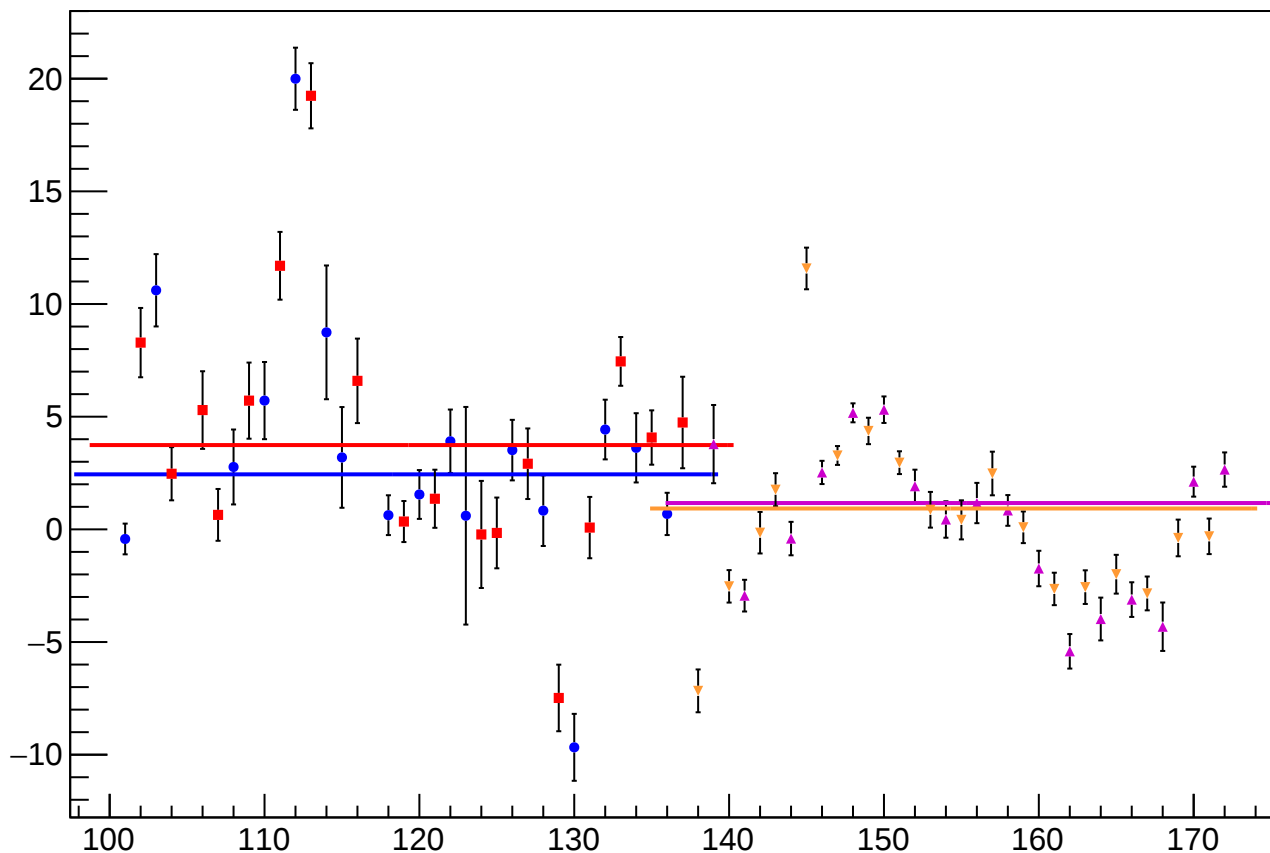
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.292+/-0.241 χ^2/NDF : 964.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.895+/-0.241 χ^2/NDF : 933.7/16

Left: -32.593+/-0.171 χ^2/NDF : 1901.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.895+/-0.241 χ^2/NDF : 933.7/16
 Out: -32.292+/-0.241 χ^2/NDF : 964.9/17
 All: -32.593+/-0.171 χ^2/NDF : 1901.7/34

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.926 ± 0.167 χ^2/NDF : 405.7/17

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 1.169 ± 0.171 χ^2/NDF : 369.6/16

Left: 1.045 ± 0.120 χ^2/NDF : 776.4/34

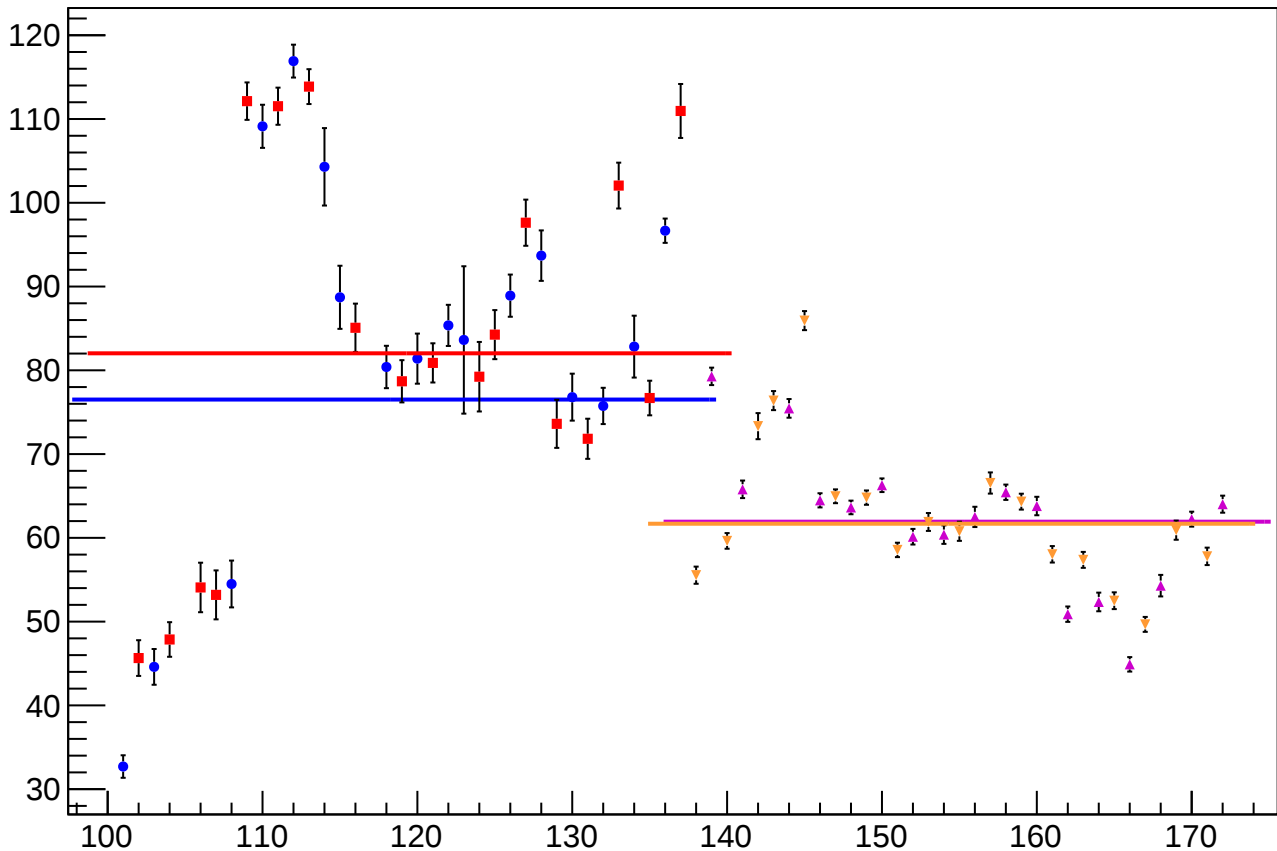
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 1.463 ± 0.150 χ^2/NDF : 677.2/33

Out: 1.510 ± 0.149 χ^2/NDF : 732.6/35

All: 1.487 ± 0.106 χ^2/NDF : 1409.9/69

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 61.685+/-0.238 χ^2/NDF :1098.8/17

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 61.930+/-0.236 χ^2/NDF :1150.9/16

Left: 61.808+/-0.168 χ^2/NDF : 2250.2/34

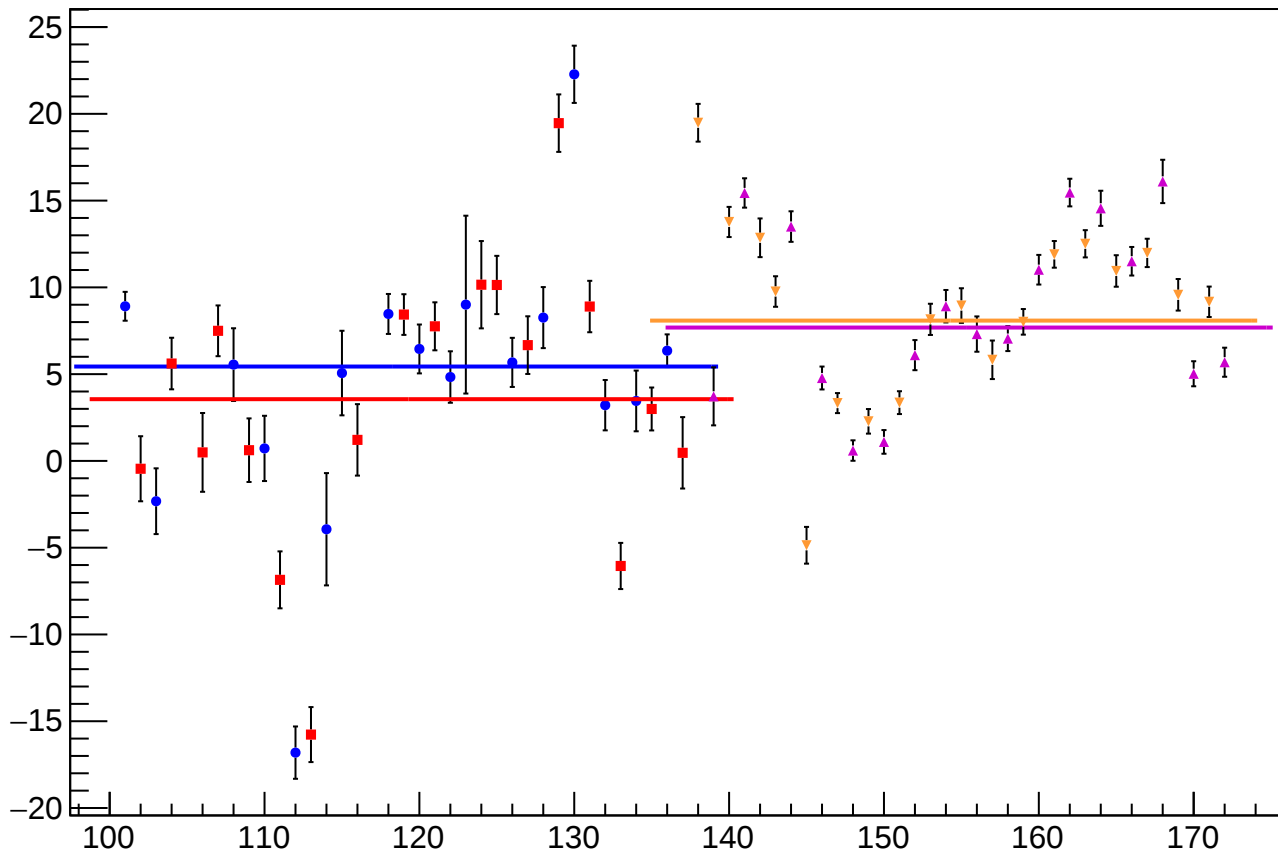
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 64.043+/-0.219 χ^2/NDF :3953.1/33

Out: 64.502+/-0.221 χ^2/NDF :3662.1/35

All: 64.271+/-0.155 χ^2/NDF : 7617.4/69

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 8.086 ± 0.197 $\chi^2/\text{NDF}: 609.1/17$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 7.685 ± 0.199 $\chi^2/\text{NDF}: 639.9/16$

Left: 7.888 ± 0.140 $\chi^2/\text{NDF}: 1251.0/34$

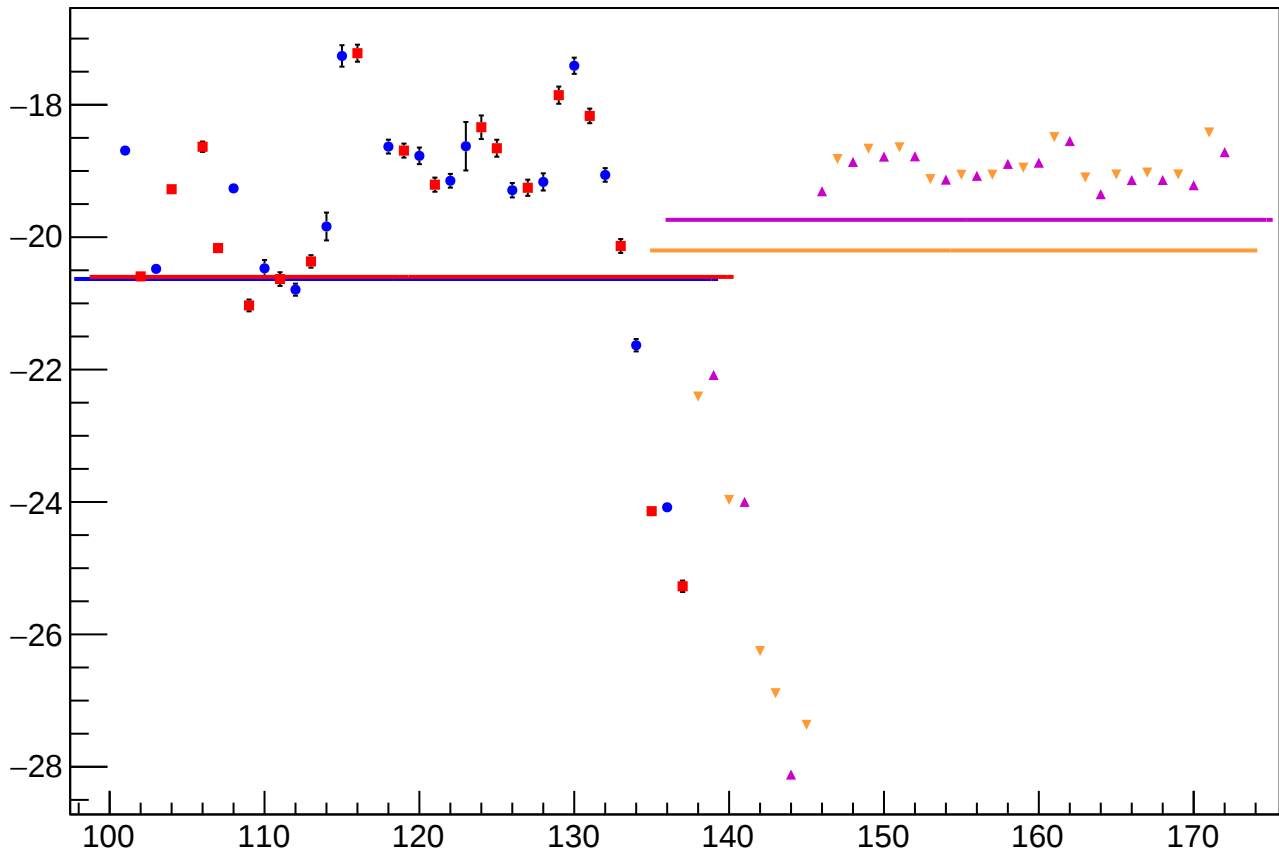
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 7.152 ± 0.174 $\chi^2/\text{NDF}: 1056.1/33$

Out: 7.111 ± 0.174 $\chi^2/\text{NDF}: 1144.0/35$

All: 7.131 ± 0.123 $\chi^2/\text{NDF}: 2200.2/69$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631±/0.019 χ^2/NDF : 12501.6/16

Left Out: -20.200±/0.009 χ^2/NDF : 83932.9/17

Right Out: -20.600±/0.019 χ^2/NDF : 11973.7/17

Left In: -19.738±/0.009 χ^2/NDF : 50111.7/16

Left: -19.967±/0.007 χ^2/NDF : 135272.7/34

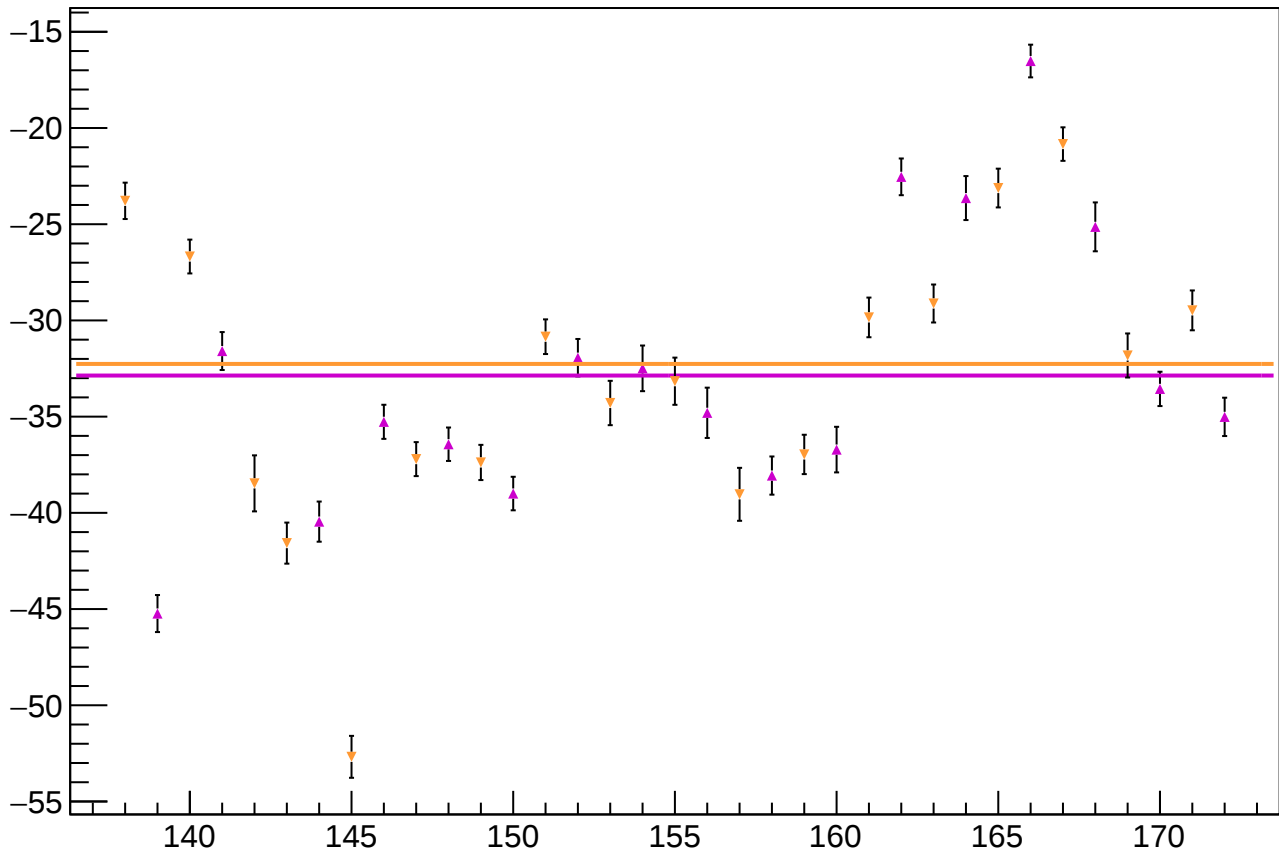
Right: -20.616±/0.014 χ^2/NDF : 24476.6/34

In: -19.906±/0.008 χ^2/NDF : 64355.0/33

Out: -20.276±/0.008 χ^2/NDF : 96249.0/35

All: -20.089±/0.006 χ^2/NDF : 161571.6/69

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: -32.261+/-0.241 χ^2/NDF : 957.8/17

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

Left In: -32.864+/-0.241 χ^2/NDF : 929.5/16

Left: -32.562+/-0.171 χ^2/NDF : 1890.4/34

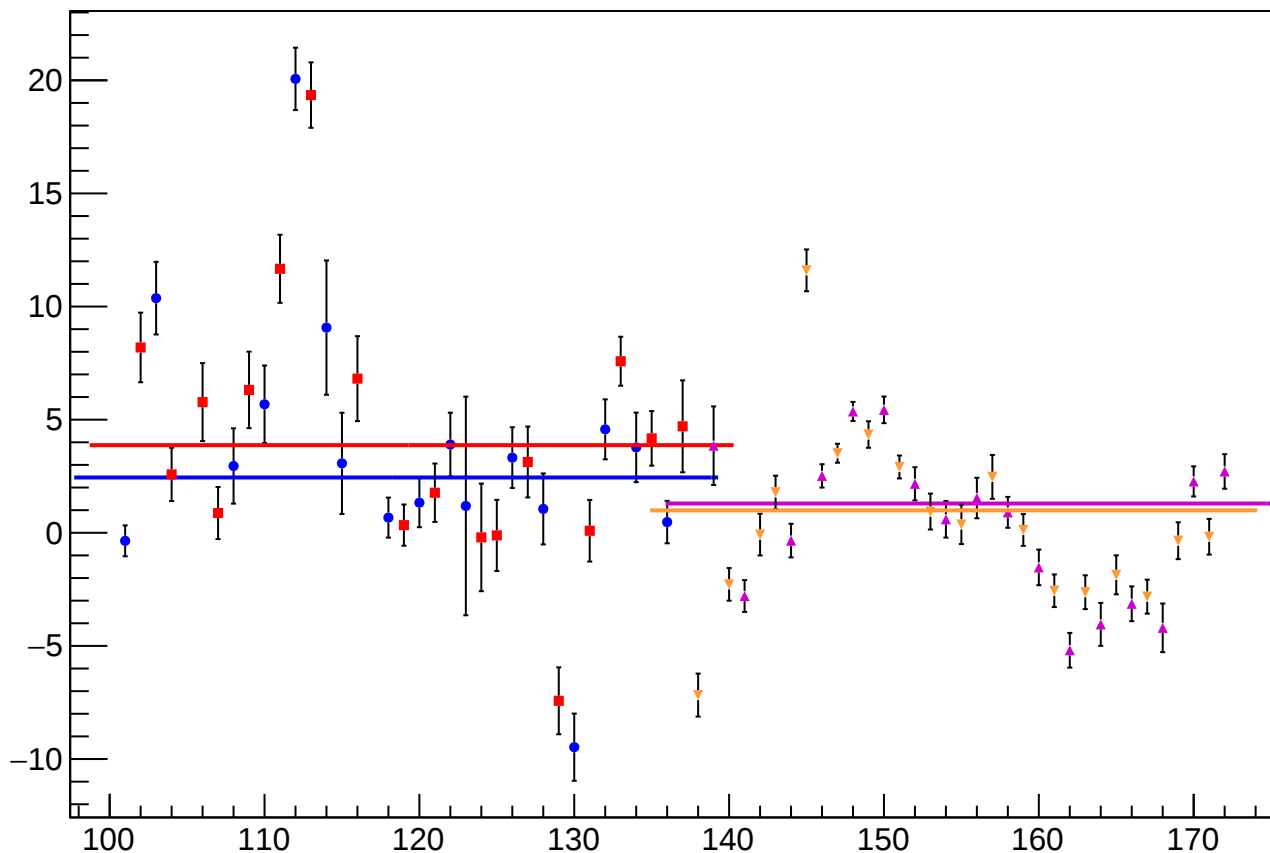
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.864+/-0.241 χ^2/NDF : 929.5/16

Out: -32.261+/-0.241 χ^2/NDF : 957.8/17

All: -32.562+/-0.171 χ^2/NDF : 1890.4/34

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: 0.991 ± 0.167 χ^2/NDF : 405.6/17

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.294 ± 0.171 χ^2/NDF : 372.6/16

Left: 1.139 ± 0.120 χ^2/NDF : 779.9/34

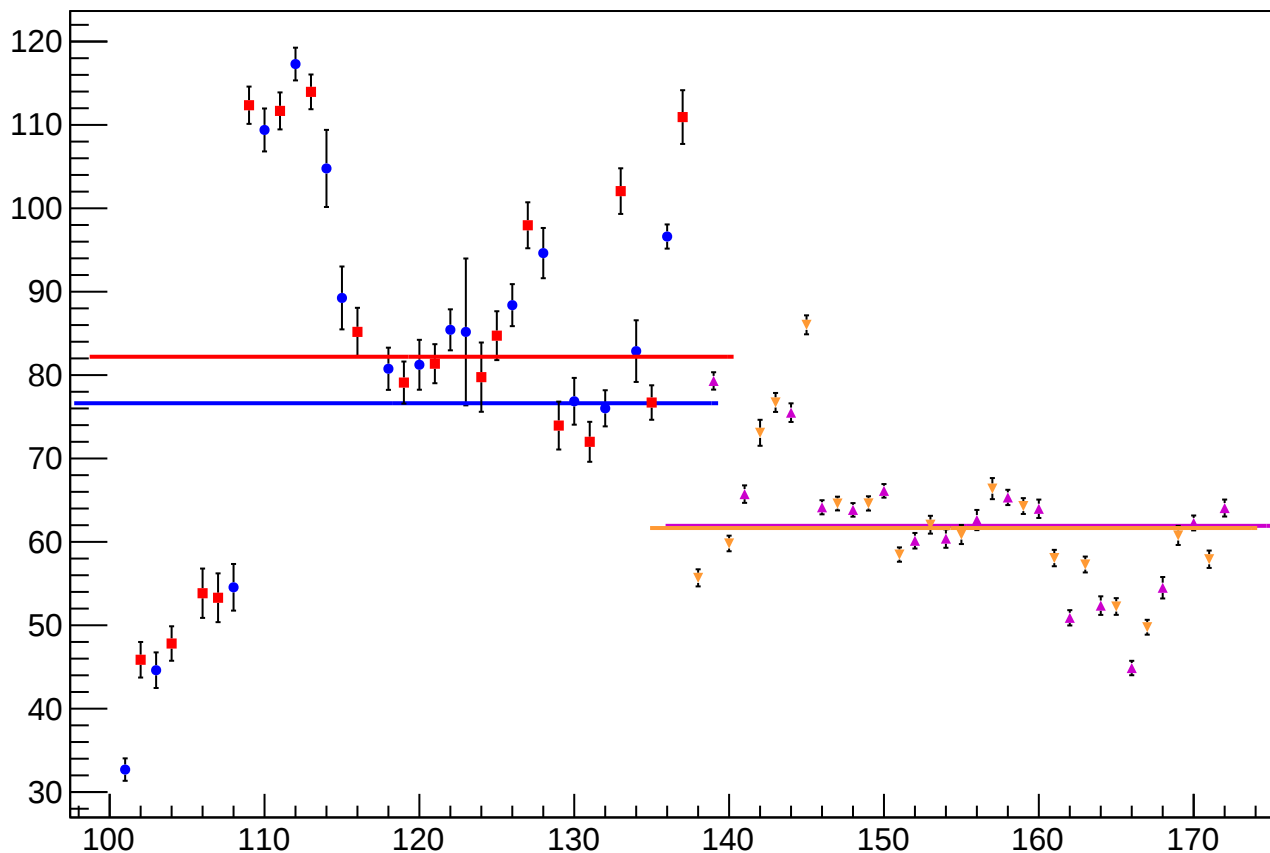
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.560 ± 0.150 χ^2/NDF : 675.8/33

Out: 1.590 ± 0.149 χ^2/NDF : 735.5/35

All: 1.575 ± 0.106 χ^2/NDF : 1411.4/69

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: 61.661 $\pm$ 0.238 χ^2 /NDF:1100.1/17

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 61.924 $\pm$ 0.237 χ^2 /NDF:1146.0/16

Left: 61.793 $\pm$ 0.168 χ^2 /NDF: 2246.7/34

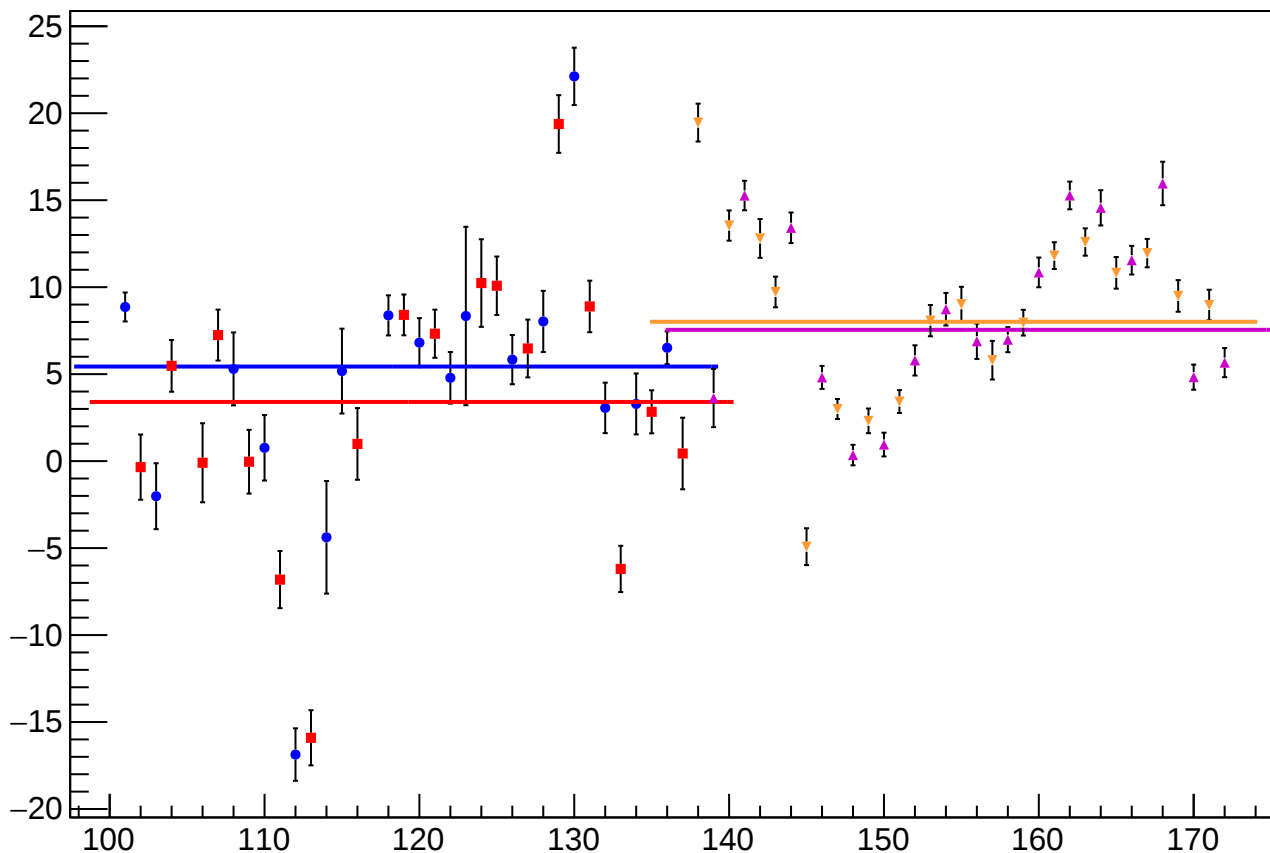
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 64.056 $\pm$ 0.219 χ^2 /NDF:3968.8/33

Out: 64.505 $\pm$ 0.221 χ^2 /NDF:3684.2/35

All: 64.279 $\pm$ 0.155 χ^2 /NDF: 7655.1/69

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 8.010 $\pm$ 0.197 χ^2 /NDF:611.2/17

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 7.547 $\pm$ 0.200 χ^2 /NDF:644.6/16

Left: 7.782 $\pm$ 0.140 χ^2 /NDF: 1258.5/34

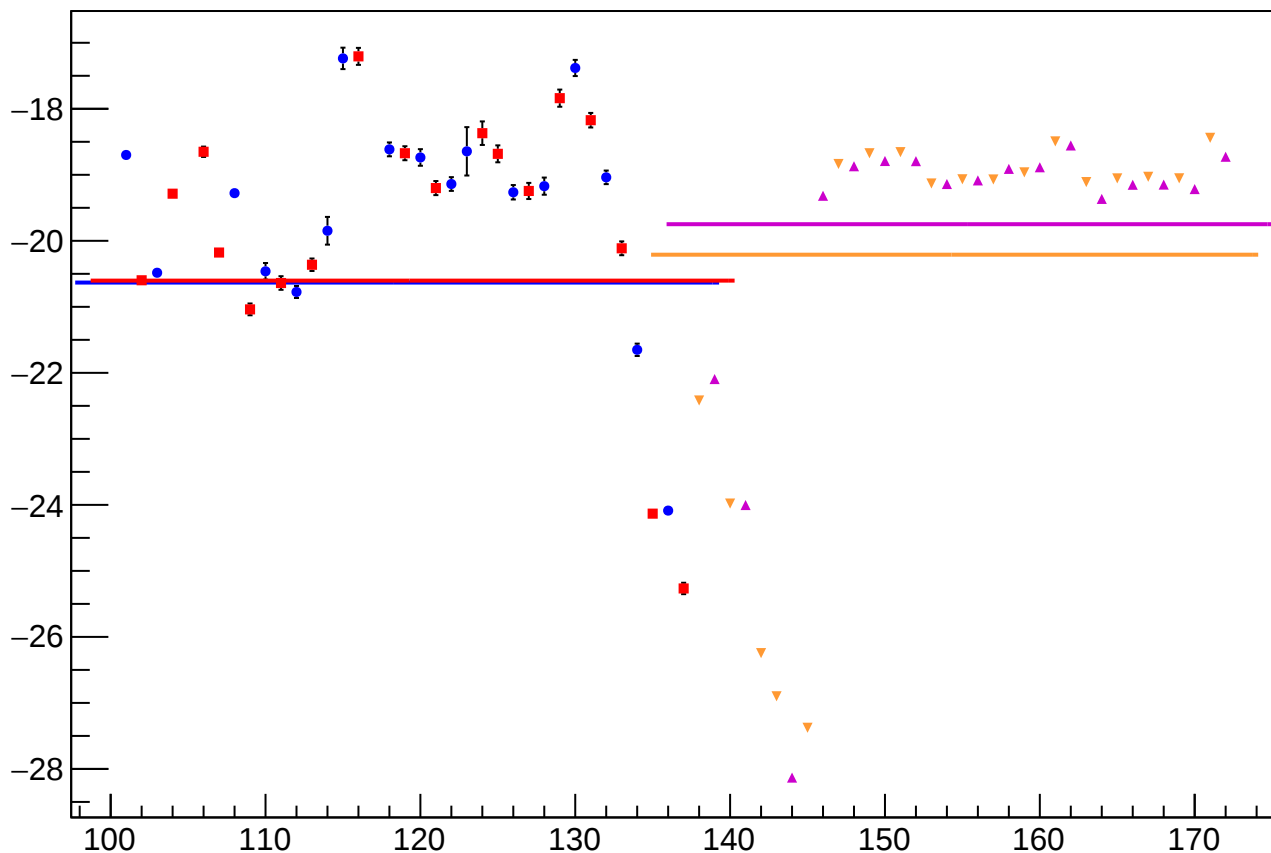
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 7.047 $\pm$ 0.174 χ^2 /NDF:1055.6/33

Out: 7.018 $\pm$ 0.174 χ^2 /NDF:1150.4/35

All: 7.032 $\pm$ 0.123 χ^2 /NDF: 2206.0/69

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.210 ± 0.009 $\chi^2/\text{NDF}: 83782.3/17$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.748 ± 0.009 $\chi^2/\text{NDF}: 50047.5/16$

Left: -19.977 ± 0.007 $\chi^2/\text{NDF}: 135052.9/34$

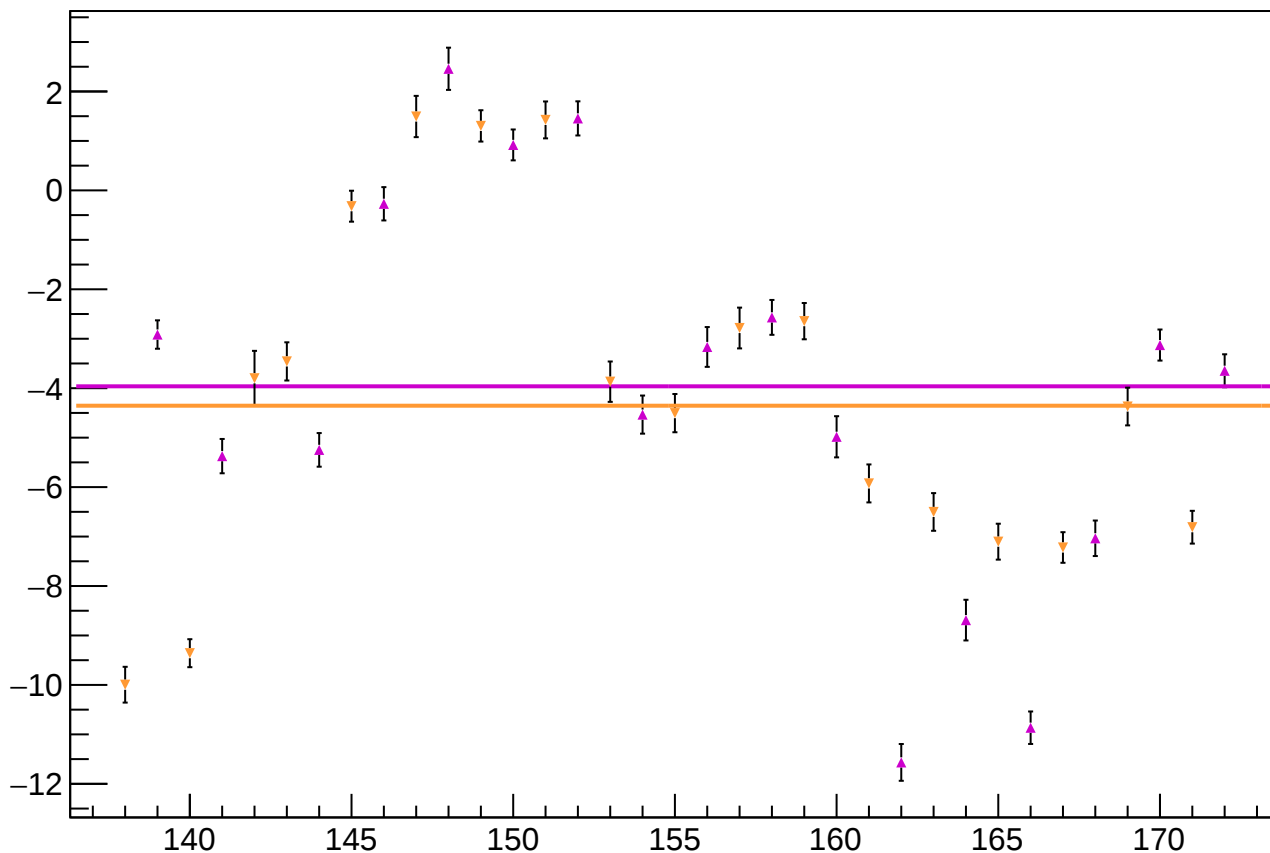
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.915 ± 0.008 $\chi^2/\text{NDF}: 64293.5/33$

Out: -20.284 ± 0.008 $\chi^2/\text{NDF}: 96038.3/35$

All: -20.098 ± 0.006 $\chi^2/\text{NDF}: 161297.1/69$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.354 $\pm$ 0.085 χ^2 /NDF:1768.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.962 $\pm$ 0.085 χ^2 /NDF:1981.9/16

Left: -4.157 $\pm$ 0.060 χ^2 /NDF: 3760.7/34

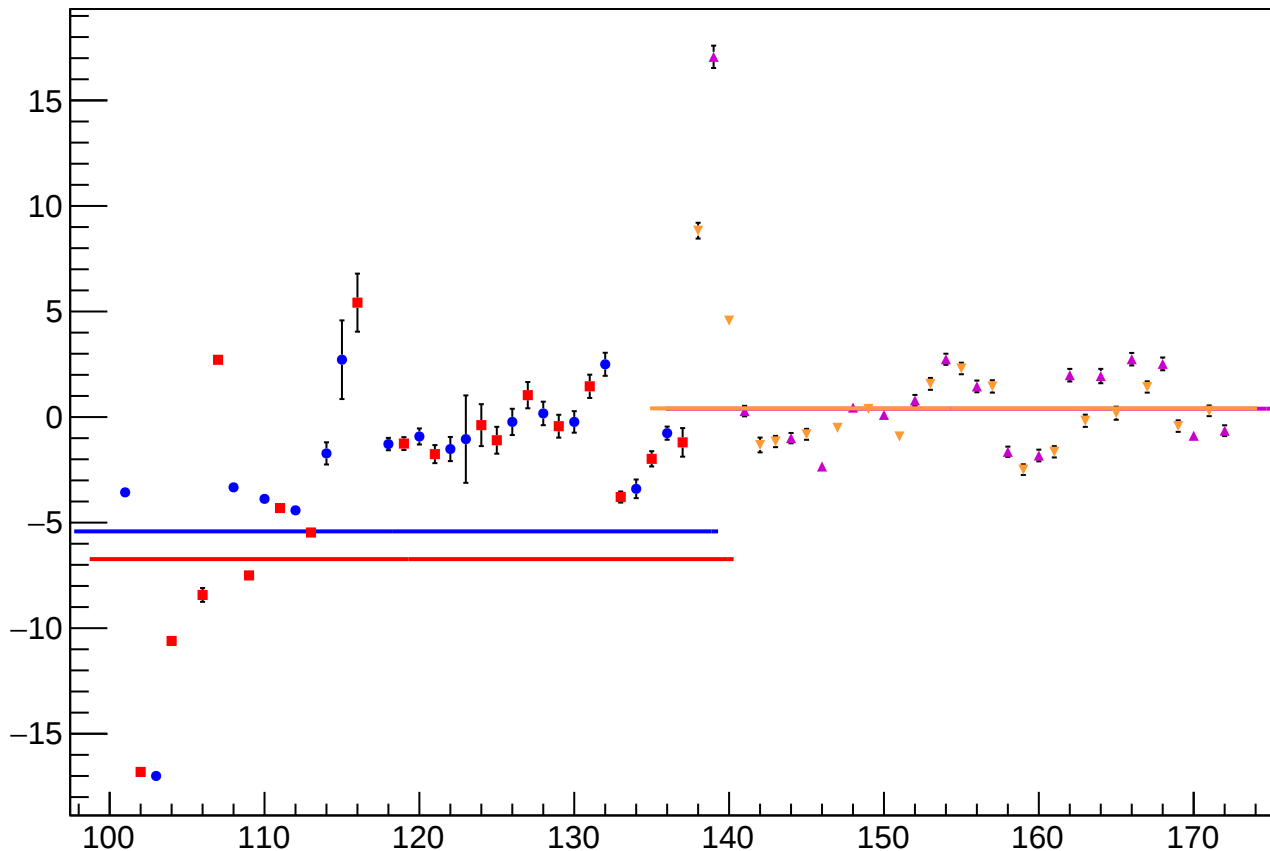
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -3.962 $\pm$ 0.085 χ^2 /NDF:1981.9/16

Out: -4.354 $\pm$ 0.085 χ^2 /NDF:1768.3/17

All: -4.157 $\pm$ 0.060 χ^2 /NDF: 3760.7/34

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.404 +/- 0.044 χ^2/NDF : 2882.4/34

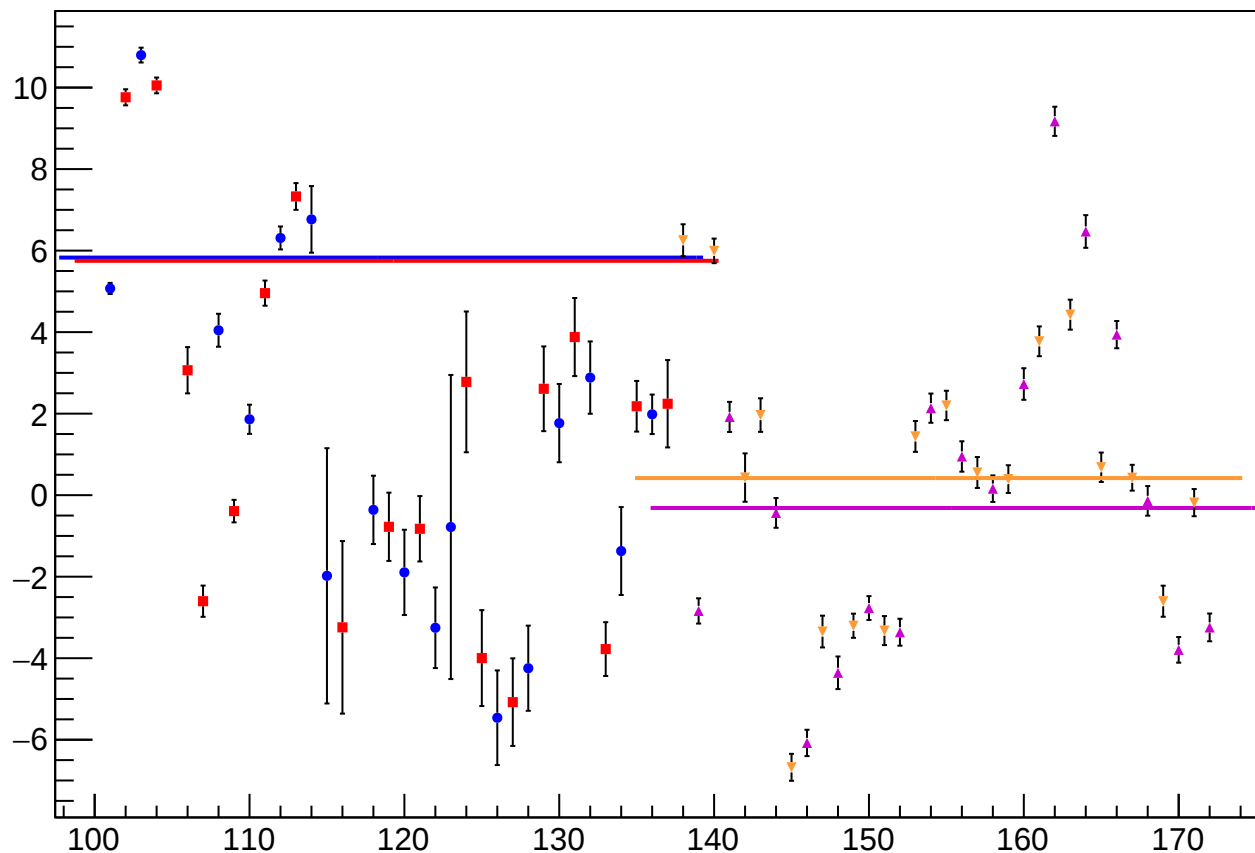
Right: -6.014 +/- 0.040 χ^2/NDF : 20734.4/34

In: -2.920 +/- 0.041 χ^2/NDF : 15719.6/33

Out: -3.262 +/- 0.043 χ^2/NDF : 19389.1/35

All: -3.085 +/- 0.030 χ^2/NDF : 35141.4/69

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: 0.419 ± 0.085 χ^2/NDF : 1692.9/17

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -0.314 ± 0.084 χ^2/NDF : 2148.2/16

Left: 0.049 ± 0.060 χ^2/NDF : 3879.0/34

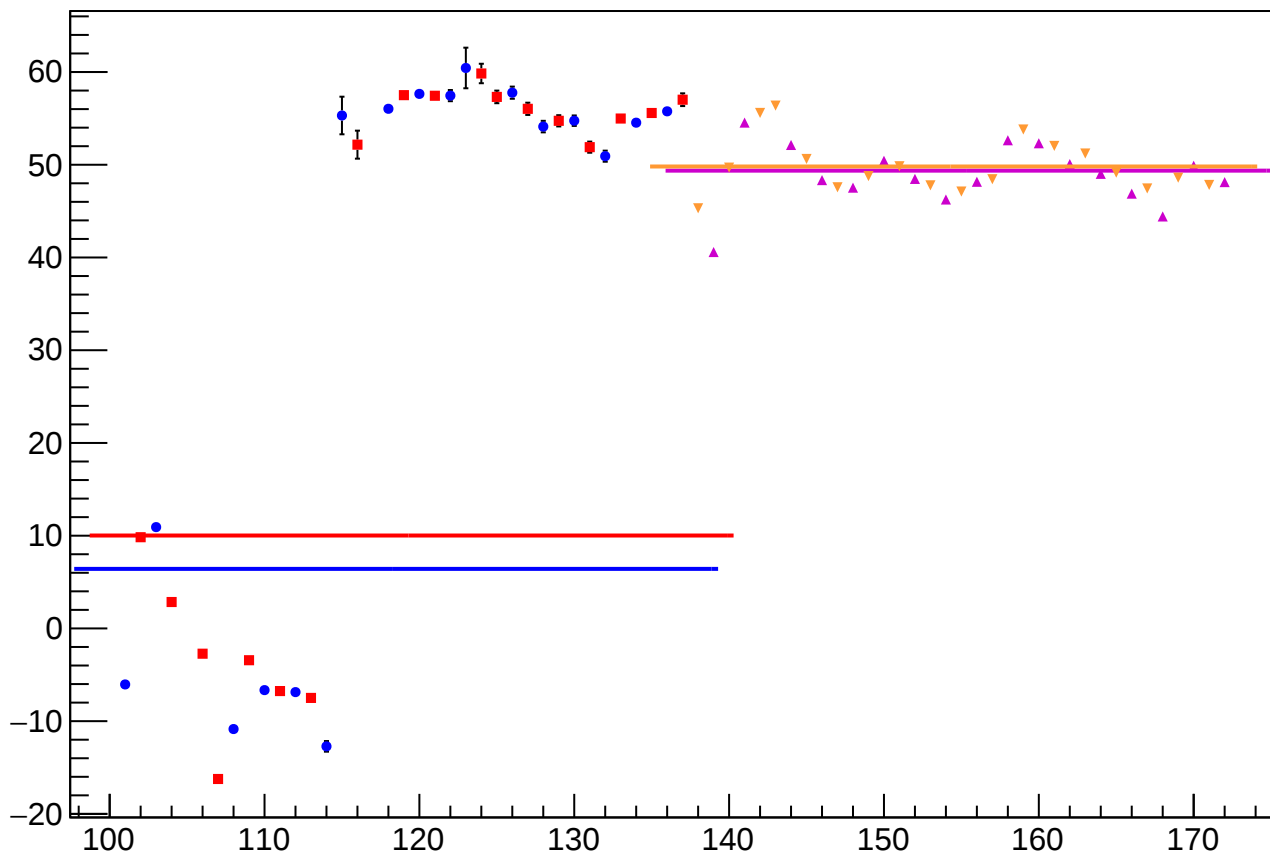
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.552 ± 0.061 χ^2/NDF : 6102.9/33

Out: 2.742 ± 0.064 χ^2/NDF : 5935.6/35

All: 2.643 ± 0.044 χ^2/NDF : 12043.2/69

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: 49.812+/-0.071 χ^2/NDF :1386.0/17

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.365+/-0.072 χ^2/NDF :1436.9/16

Left: 49.592+/-0.051 χ^2/NDF : 2842.3/34

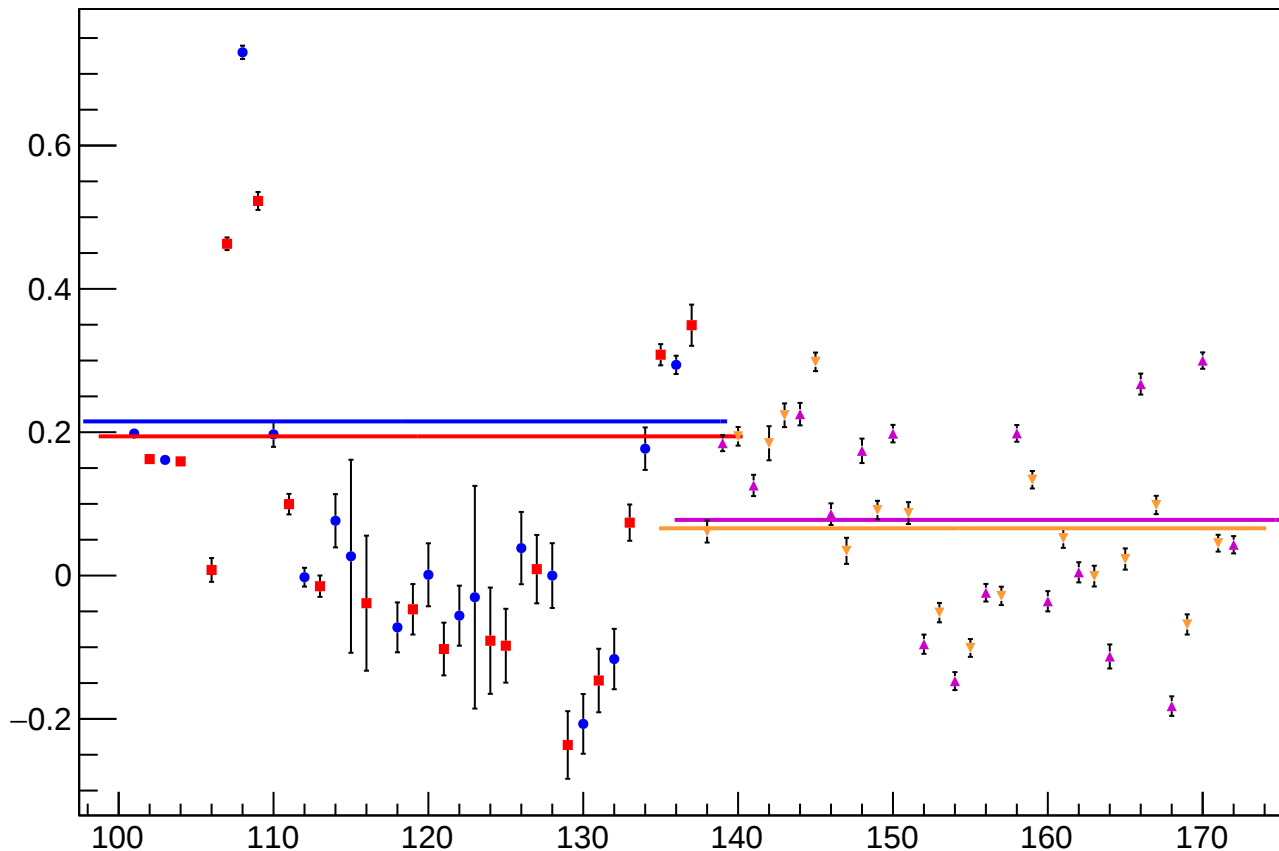
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 25.537+/-0.048 χ^2/NDF :320457.5/33

Out: 29.785+/-0.050 χ^2/NDF :280729.1/35

All: 27.577+/-0.035 χ^2/NDF : 604914.3/69

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.066 ± 0.003 $\chi^2/\text{NDF}: 1015.0/17$

Right Out: 0.194 ± 0.003 $\chi^2/\text{NDF}: 2520.1/17$

Left In: 0.078 ± 0.003 $\chi^2/\text{NDF}: 2121.0/16$

Left: 0.072 ± 0.002 $\chi^2/\text{NDF}: 3142.5/34$

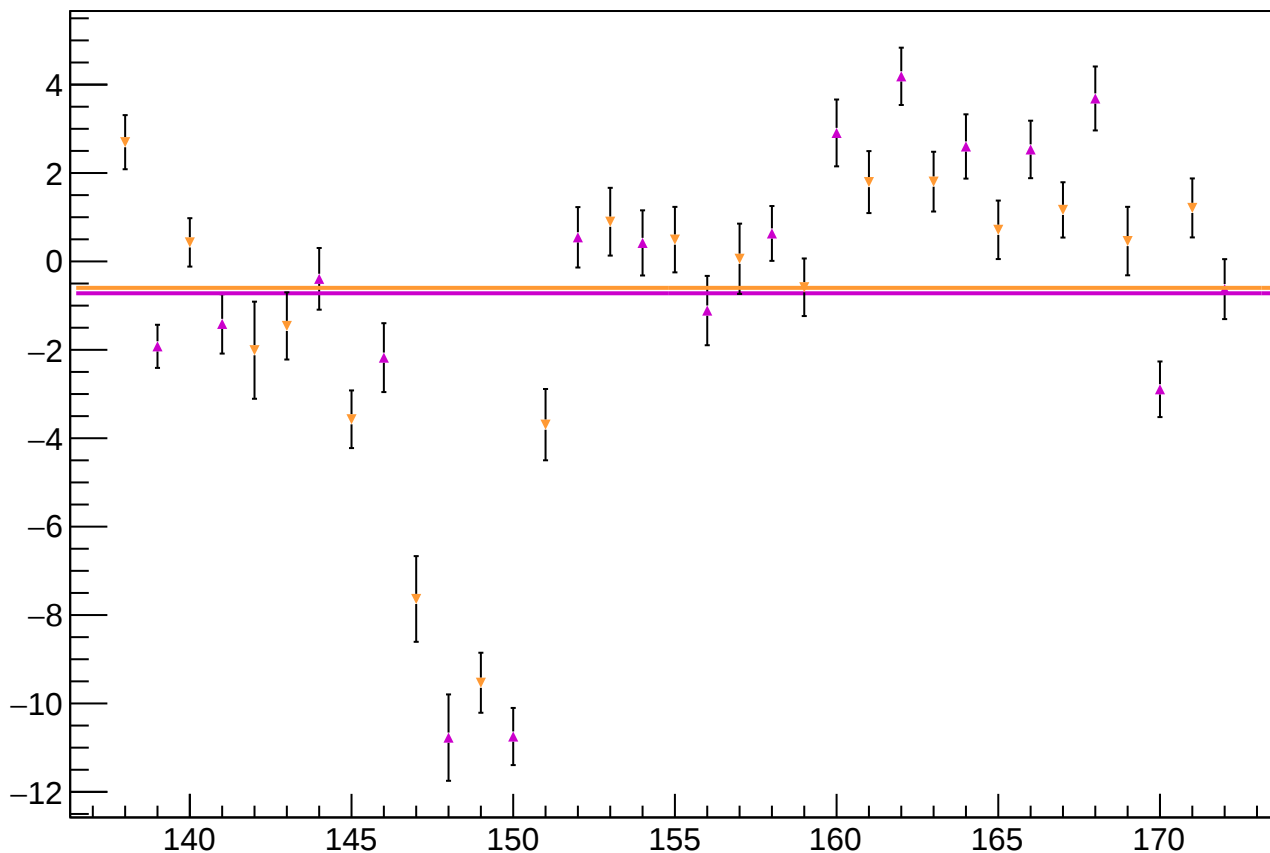
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.157 ± 0.002 $\chi^2/\text{NDF}: 7087.7/33$

Out: 0.141 ± 0.002 $\chi^2/\text{NDF}: 4432.6/35$

All: 0.149 ± 0.001 $\chi^2/\text{NDF}: 11548.4/69$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

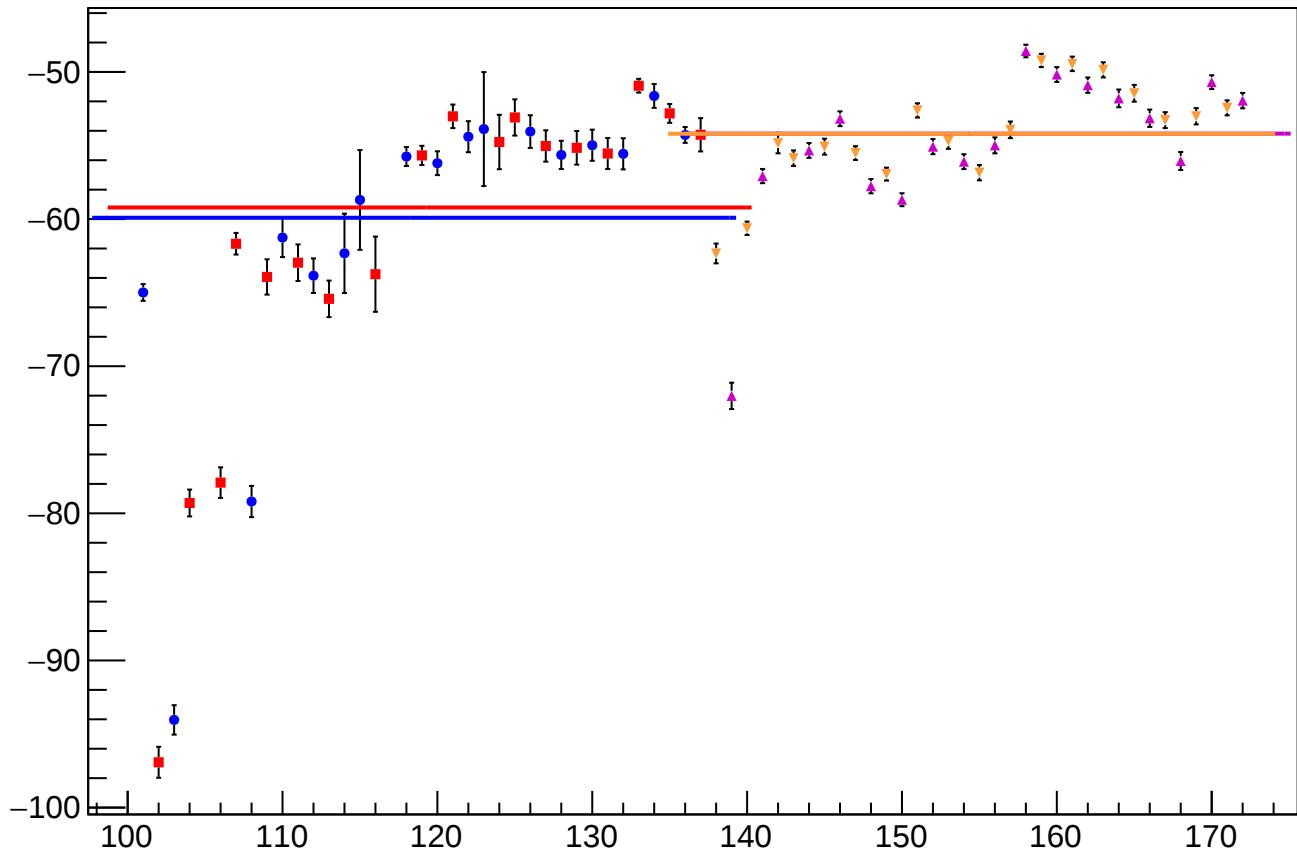


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.721 $\pm$ 0.165 χ^2 /NDF:543.3/16

Left: -0.660 $\pm$ 0.117 χ^2 /NDF: 892.5/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.721 $\pm$ 0.165 χ^2 /NDF:543.3/16
 Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17

All: -0.660 $\pm$ 0.117 χ^2 /NDF: 892.5/34

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: -54.200 ± 0.122 χ^2/NDF : 770.4/17

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.191 ± 0.126 χ^2/NDF : 995.4/16

Left: -54.196 ± 0.088 χ^2/NDF : 1765.7/34

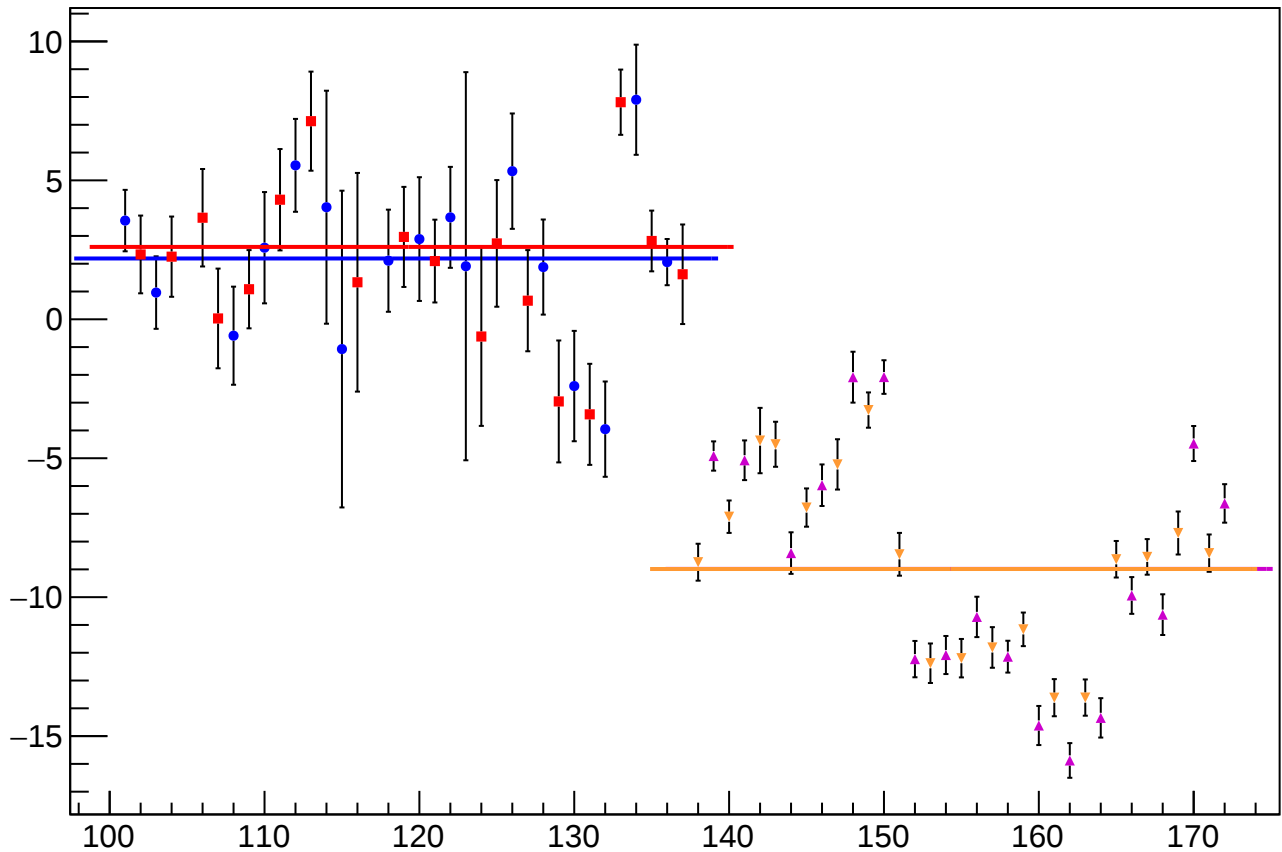
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.567 ± 0.109 χ^2/NDF : 3474.9/33

Out: -55.450 ± 0.106 χ^2/NDF : 3931.3/35

All: -55.507 ± 0.076 χ^2/NDF : 7406.8/69

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: -8.986 ± 0.165 $\chi^2/\text{NDF}: 340.6/17$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -8.983 ± 0.163 $\chi^2/\text{NDF}: 687.9/16$

Left: -8.985 ± 0.116 $\chi^2/\text{NDF}: 1028.5/34$

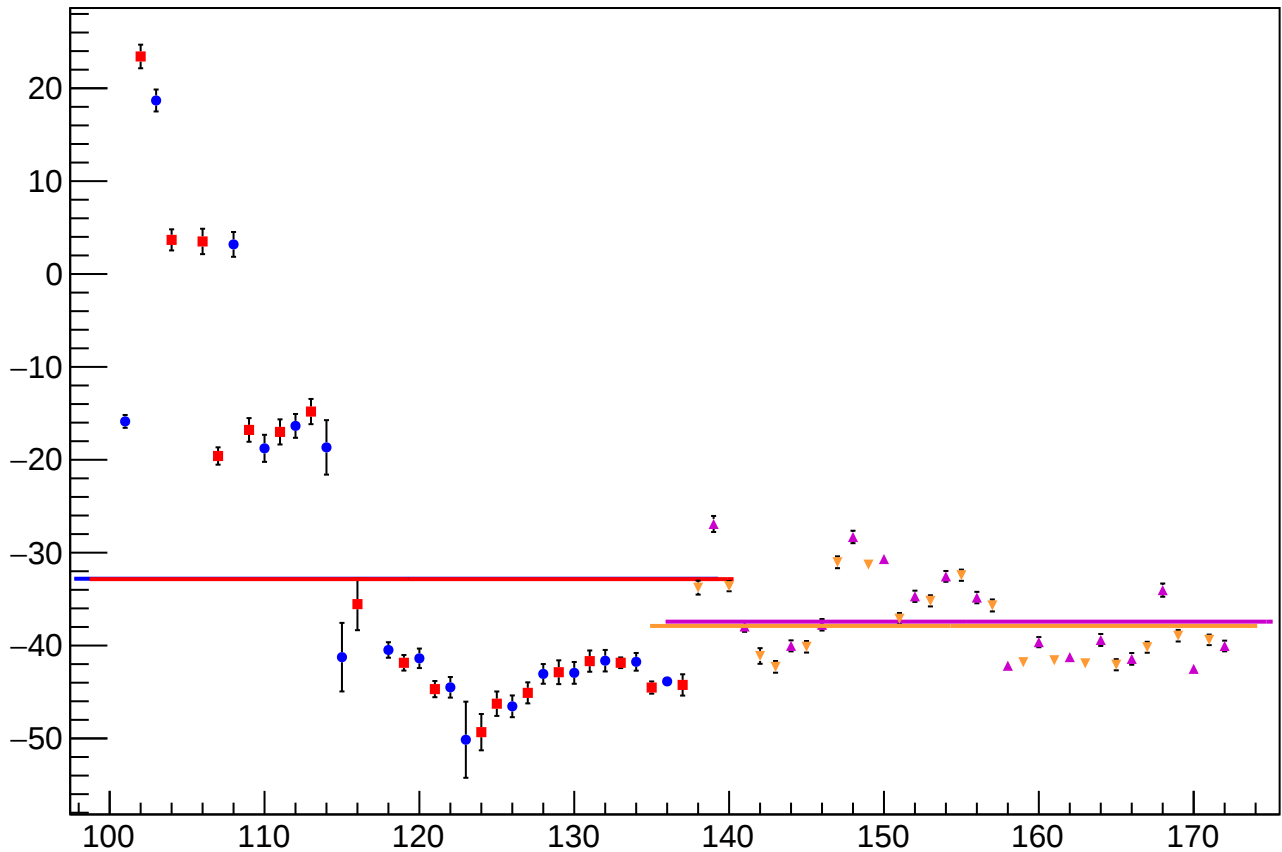
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -7.429 ± 0.151 $\chi^2/\text{NDF}: 1383.5/33$

Out: -7.238 ± 0.152 $\chi^2/\text{NDF}: 1138.2/35$

All: -7.334 ± 0.107 $\chi^2/\text{NDF}: 2522.4/69$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -37.890 ± 0.140 χ^2/NDF : 800.2/17

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.428 ± 0.142 χ^2/NDF : 1005.9/16

Left: -37.662 ± 0.100 χ^2/NDF : 1811.5/34

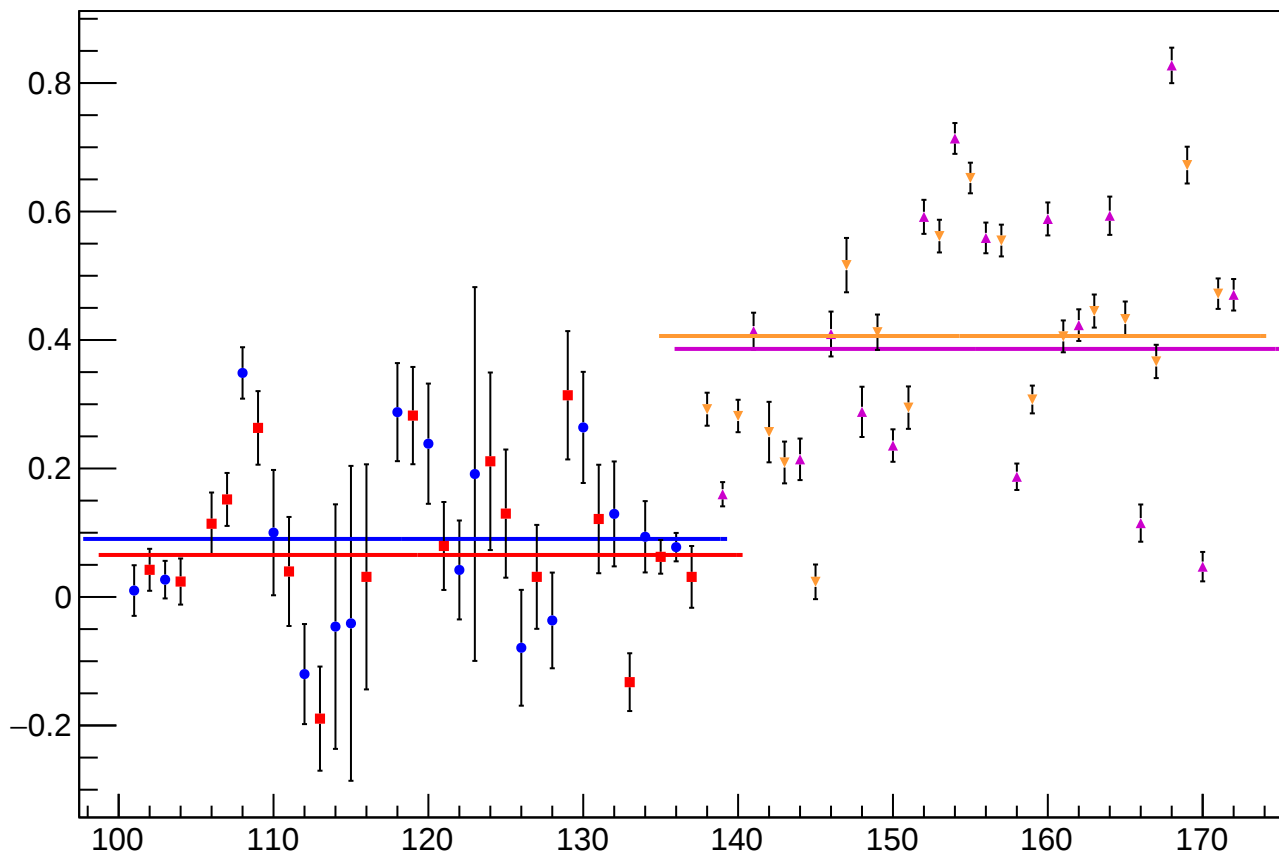
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.329 ± 0.124 χ^2/NDF : 5920.5/33

Out: -36.645 ± 0.121 χ^2/NDF : 6870.8/35

All: -36.490 ± 0.087 χ^2/NDF : 12794.6/69

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:610.8/17

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.386 $\pm$ 0.006 χ^2 /NDF:1294.0/16

Left: 0.396 $\pm$ 0.004 χ^2 /NDF: 1909.9/34

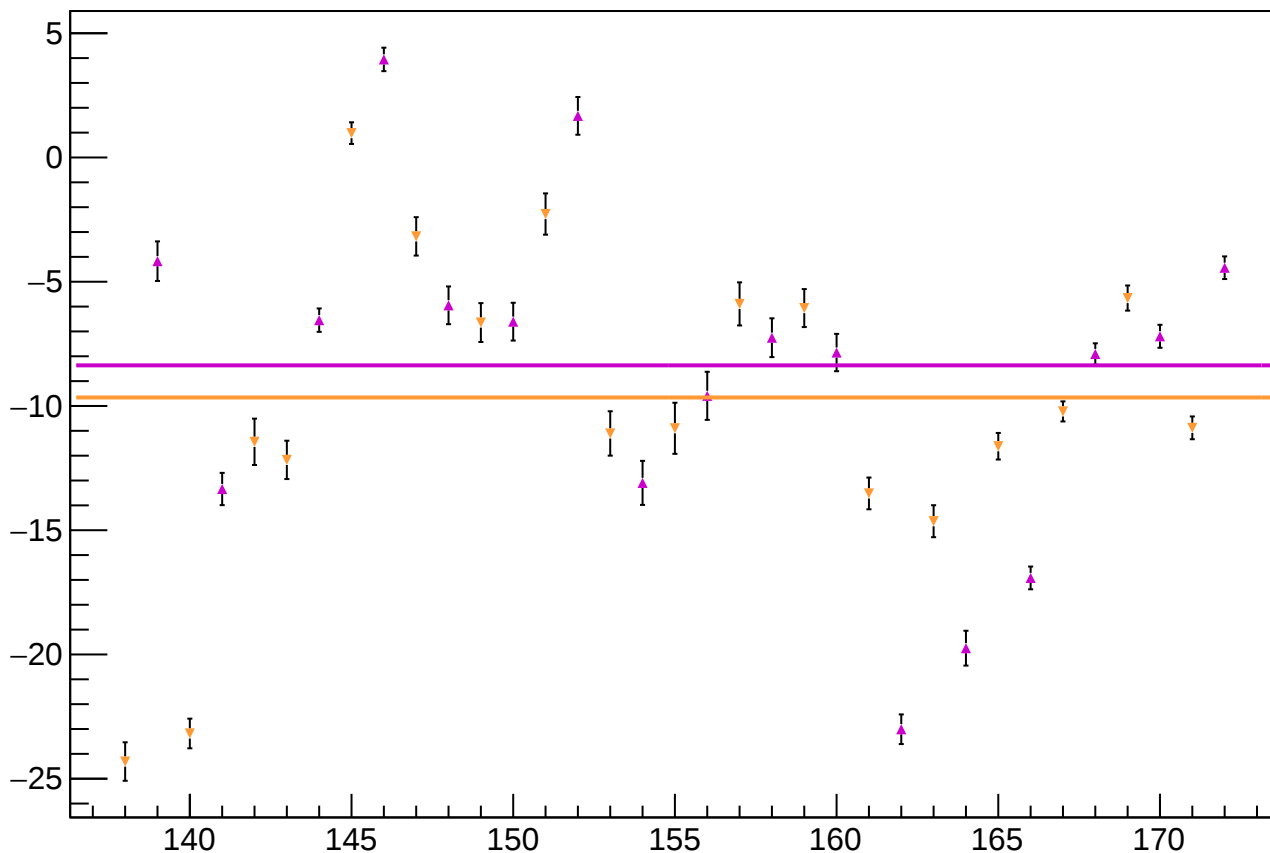
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.329 $\pm$ 0.006 χ^2 /NDF:1808.8/33

Out: 0.334 $\pm$ 0.006 χ^2 /NDF:1286.6/35

All: 0.331 $\pm$ 0.004 χ^2 /NDF: 3095.8/69

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.658 ± 0.148 $\chi^2/\text{NDF}: 1871.6/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -8.366 ± 0.144 $\chi^2/\text{NDF}: 2300.1/16$

Left: -8.993 ± 0.103 $\chi^2/\text{NDF}: 4210.9/34$

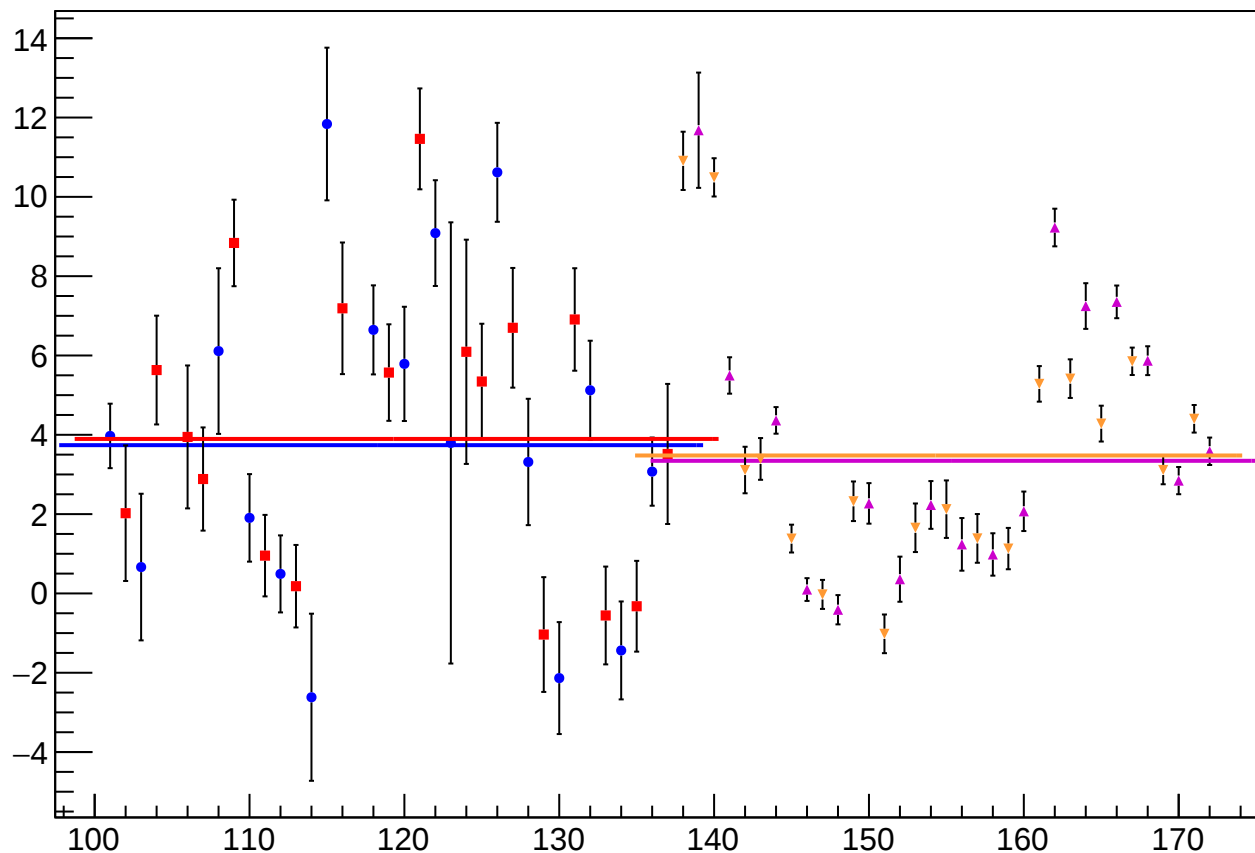
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -8.366 ± 0.144 $\chi^2/\text{NDF}: 2300.1/16$

Out: -9.658 ± 0.148 $\chi^2/\text{NDF}: 1871.6/17$

All: -8.993 ± 0.103 $\chi^2/\text{NDF}: 4210.9/34$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 3.478 ± 0.108 $\chi^2/\text{NDF}: 666.4/17$

Right Out: 3.896 ± 0.316 $\chi^2/\text{NDF}: 134.9/17$

Left In: 3.344 ± 0.105 $\chi^2/\text{NDF}: 711.9/16$

Left: 3.409 ± 0.075 $\chi^2/\text{NDF}: 1379.2/34$

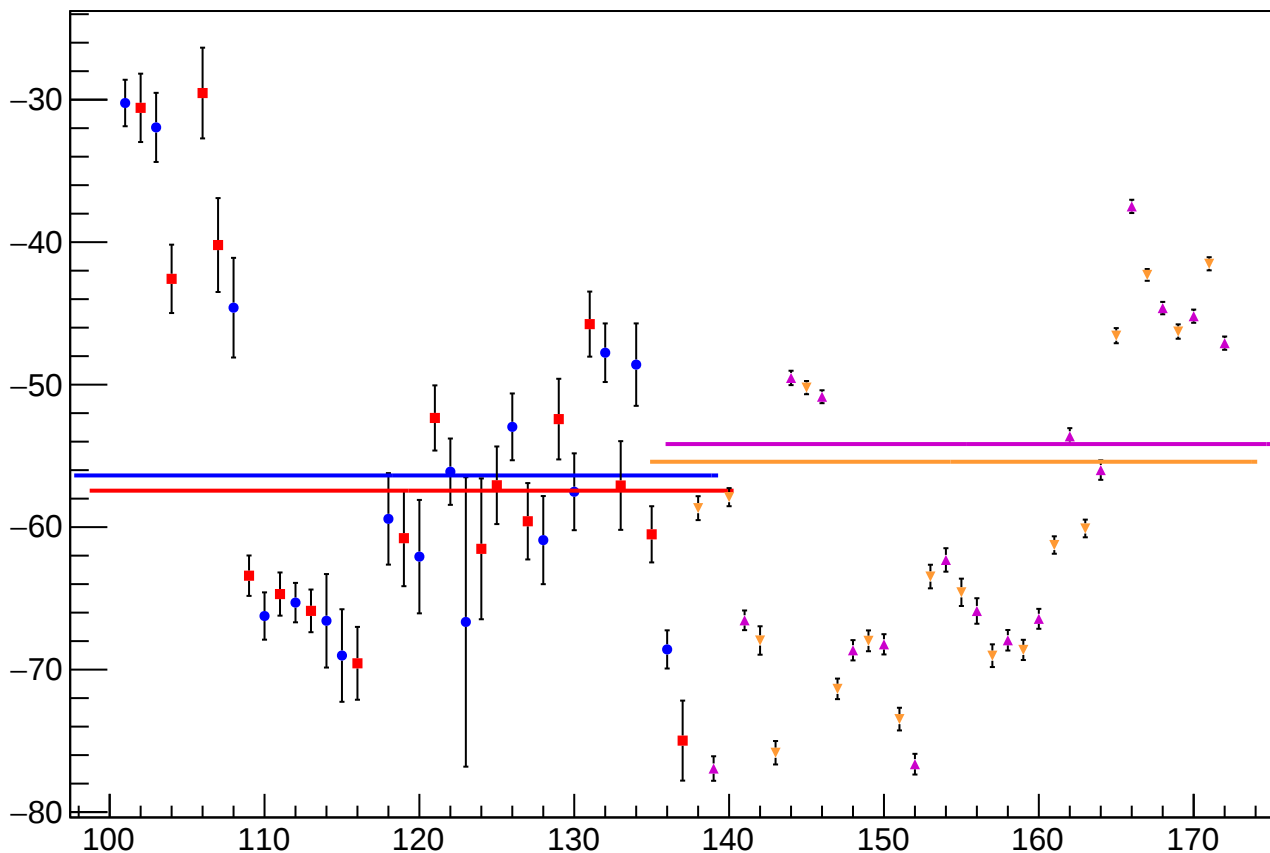
Right: 3.815 ± 0.221 $\chi^2/\text{NDF}: 271.9/34$

In: 3.385 ± 0.099 $\chi^2/\text{NDF}: 850.3/33$

Out: 3.522 ± 0.102 $\chi^2/\text{NDF}: 802.8/35$

All: 3.452 ± 0.071 $\chi^2/\text{NDF}: 1654.1/69$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -55.411 ± 0.148 $\chi^2/\text{NDF}: 5718.1/17$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -54.170 ± 0.143 $\chi^2/\text{NDF}: 6237.7/16$

Left: -54.769 ± 0.103 $\chi^2/\text{NDF}: 11992.3/34$

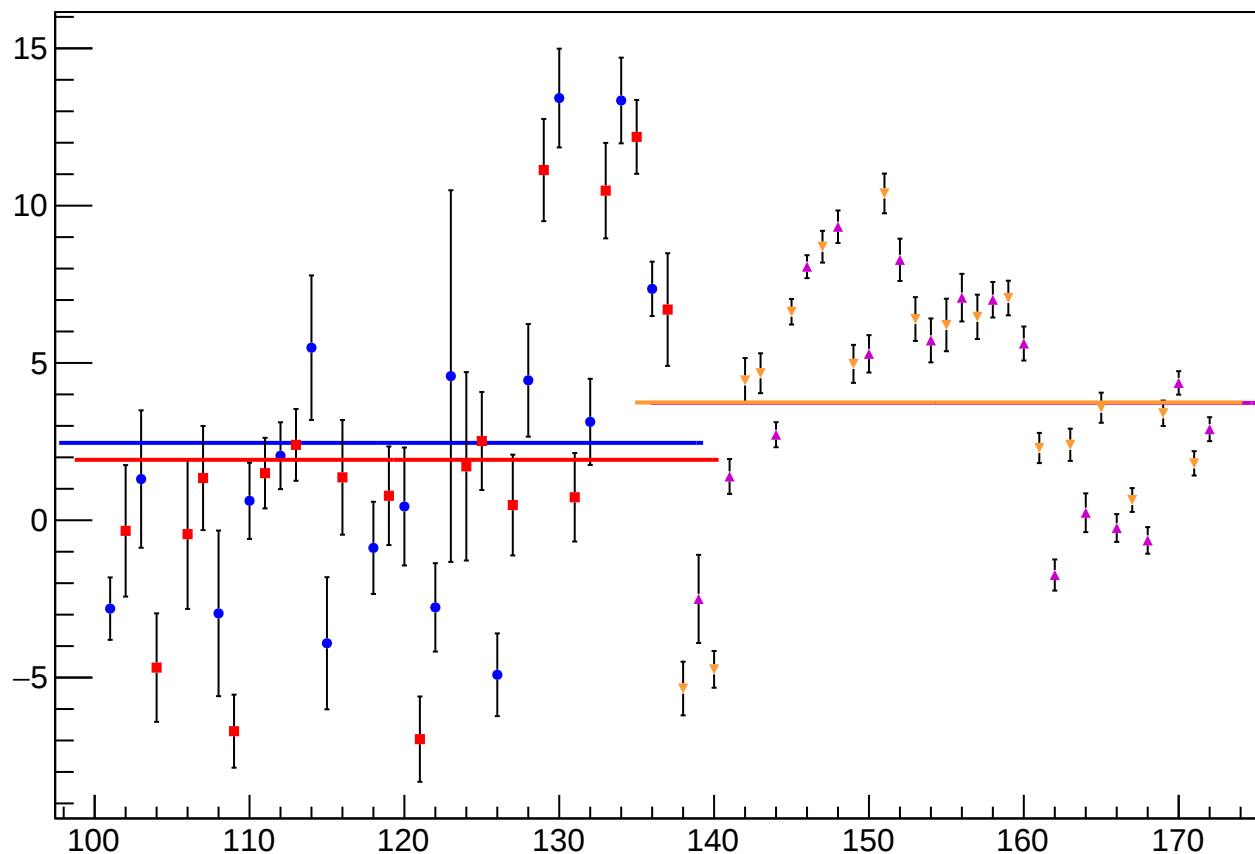
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -54.312 ± 0.138 $\chi^2/\text{NDF}: 6840.7/33$

Out: -55.554 ± 0.143 $\chi^2/\text{NDF}: 6172.4/35$

All: -54.913 ± 0.099 $\chi^2/\text{NDF}: 13052.2/69$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 3.743 $\pm$ 0.124 χ^2 /NDF: 772.8/17

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 3.730 $\pm$ 0.121 χ^2 /NDF: 778.8/16

Left: 3.737 $\pm$ 0.087 χ^2 /NDF: 1551.6/34

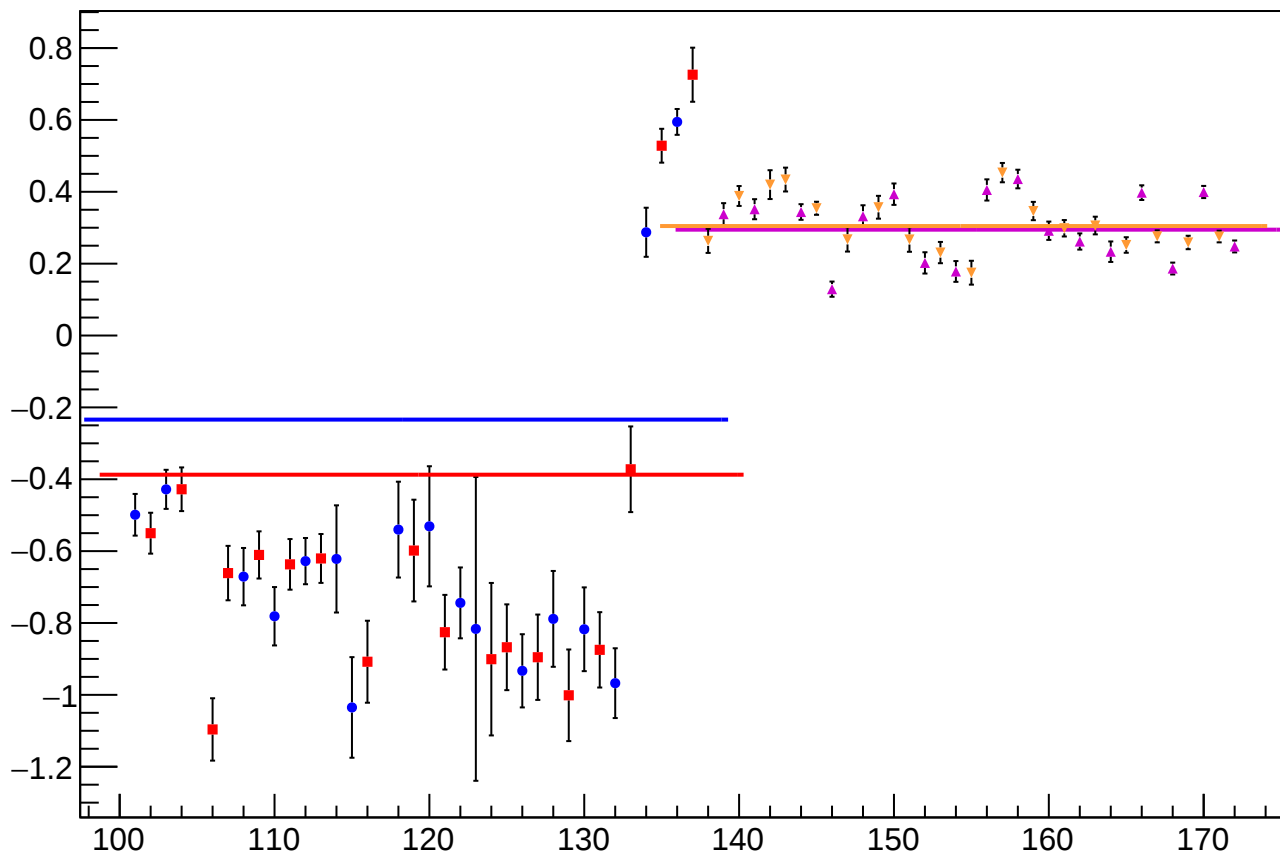
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 3.592 $\pm$ 0.114 χ^2 /NDF: 1034.8/33

Out: 3.546 $\pm$ 0.117 χ^2 /NDF: 1061.4/35

All: 3.569 $\pm$ 0.082 χ^2 /NDF: 2096.2/69

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: 0.305 ± 0.006 χ^2/NDF : 119.5/17

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.295 ± 0.006 χ^2/NDF : 275.8/16

Left: 0.300 ± 0.004 χ^2/NDF : 396.9/34

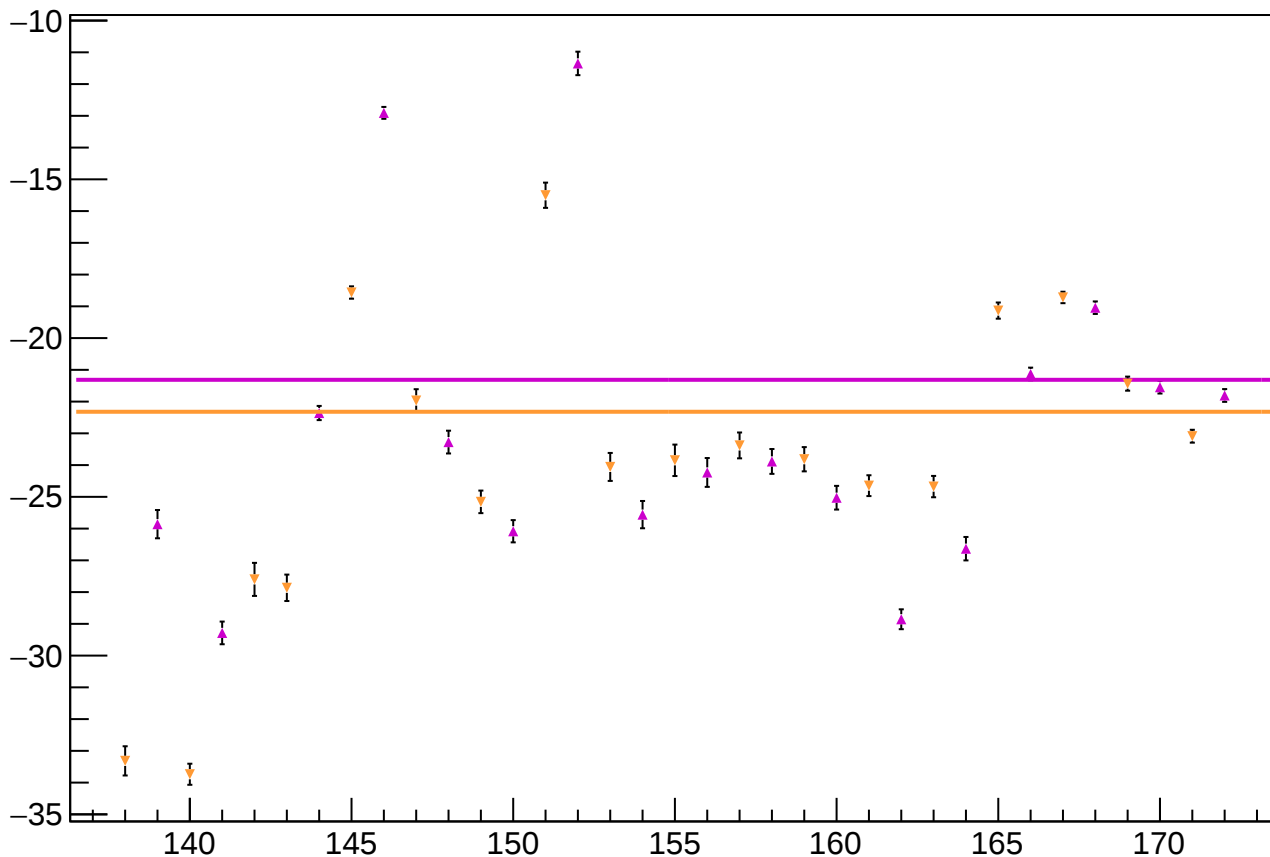
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.252 ± 0.005 χ^2/NDF : 1953.3/33

Out: 0.247 ± 0.005 χ^2/NDF : 2181.2/35

All: 0.249 ± 0.004 χ^2/NDF : 4134.9/69

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

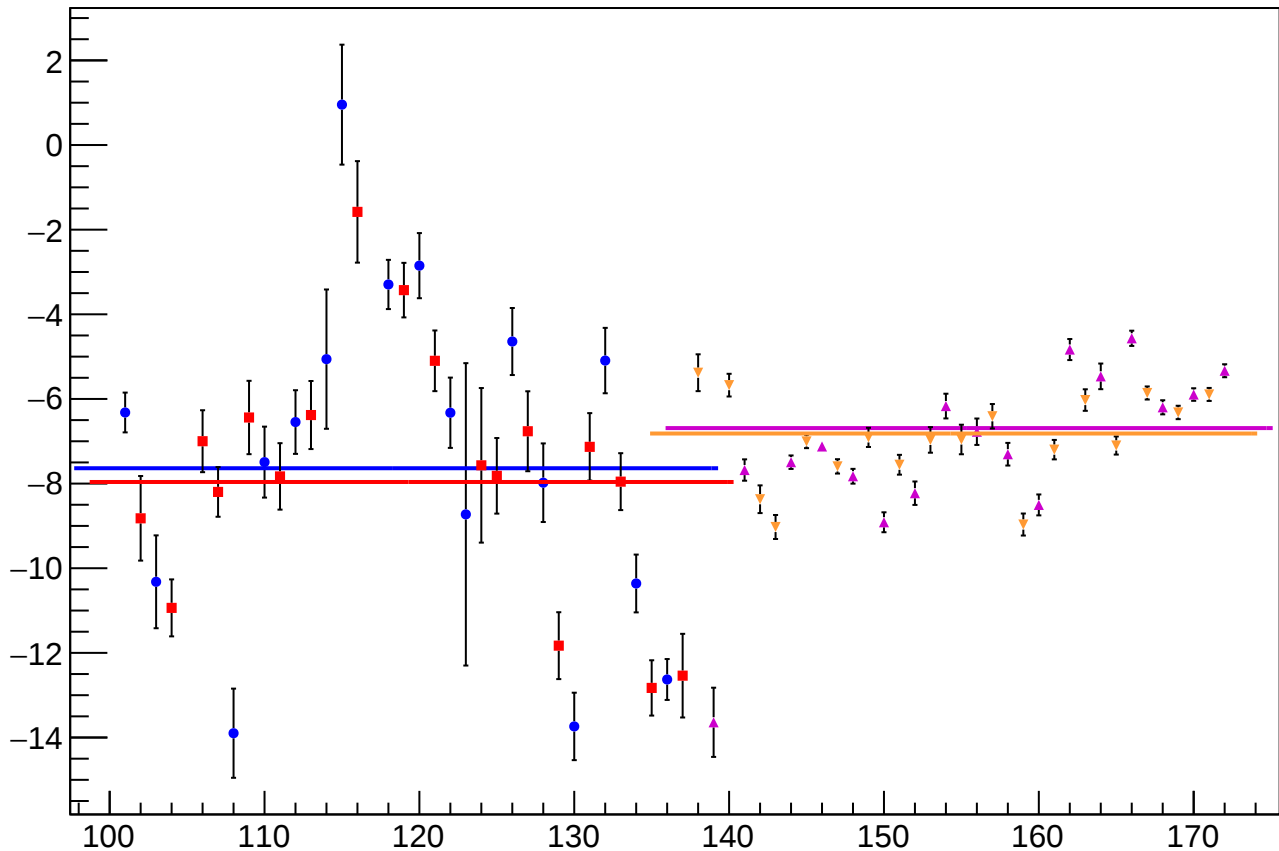


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.320+/-0.070 χ^2/NDF :3496.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.314+/-0.066 χ^2/NDF :4787.8/16

Left: -21.789+/-0.048 χ^2/NDF : 8392.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.314+/-0.066 χ^2/NDF :4787.8/16
 Out: -22.320+/-0.070 χ^2/NDF :3496.5/17

All: -21.789+/-0.048 χ^2/NDF : 8392.7/34

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: -6.817 ± 0.051 χ^2/NDF : 313.9/17

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.689 ± 0.048 χ^2/NDF : 678.6/16

Left: -6.749 ± 0.035 χ^2/NDF : 995.8/34

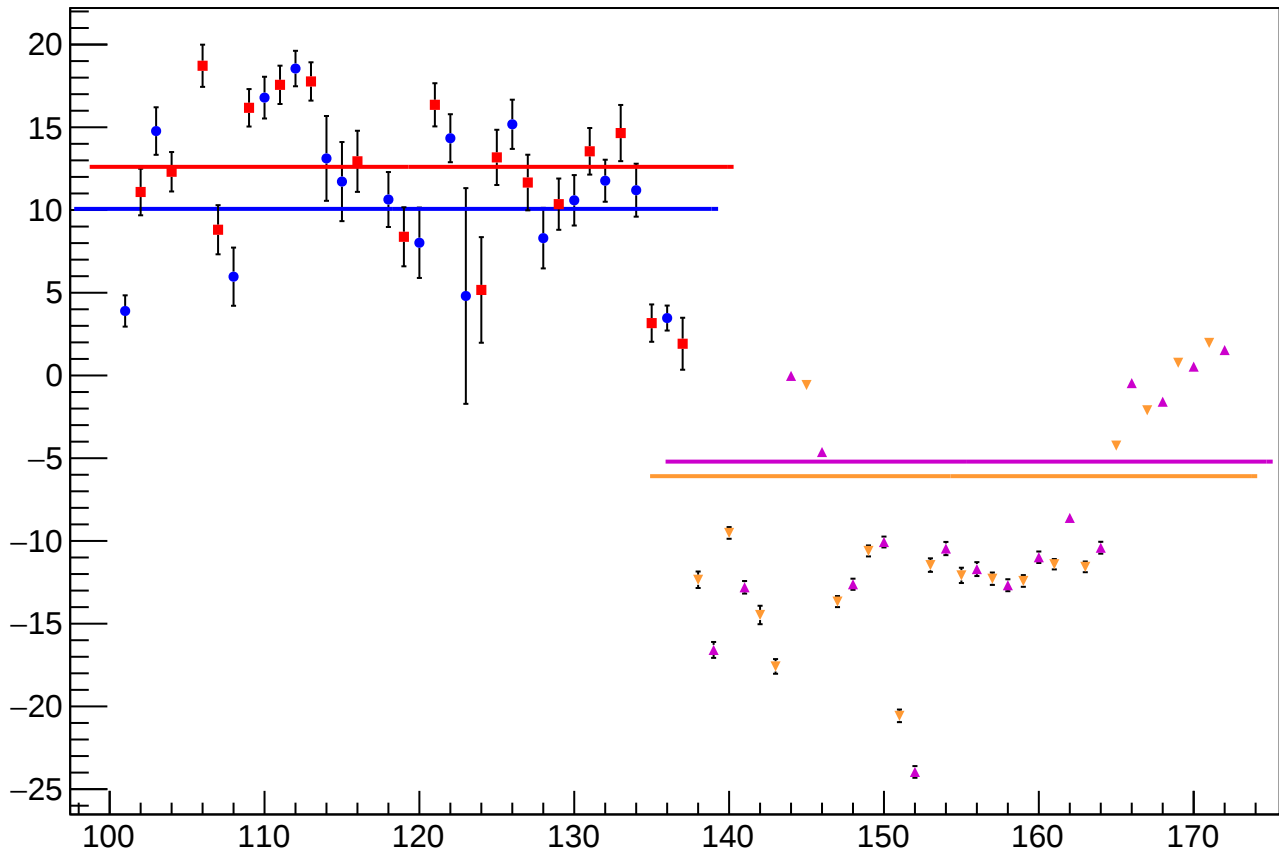
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.749 ± 0.047 χ^2/NDF : 1096.9/33

Out: -6.898 ± 0.050 χ^2/NDF : 575.7/35

All: -6.819 ± 0.034 χ^2/NDF : 1677.5/69

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: -6.085 ± 0.070 $\chi^2/\text{NDF}: 8552.1/17$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -5.206 ± 0.066 $\chi^2/\text{NDF}: 9169.0/16$

Left: -5.619 ± 0.048 $\chi^2/\text{NDF}: 17804.6/34$

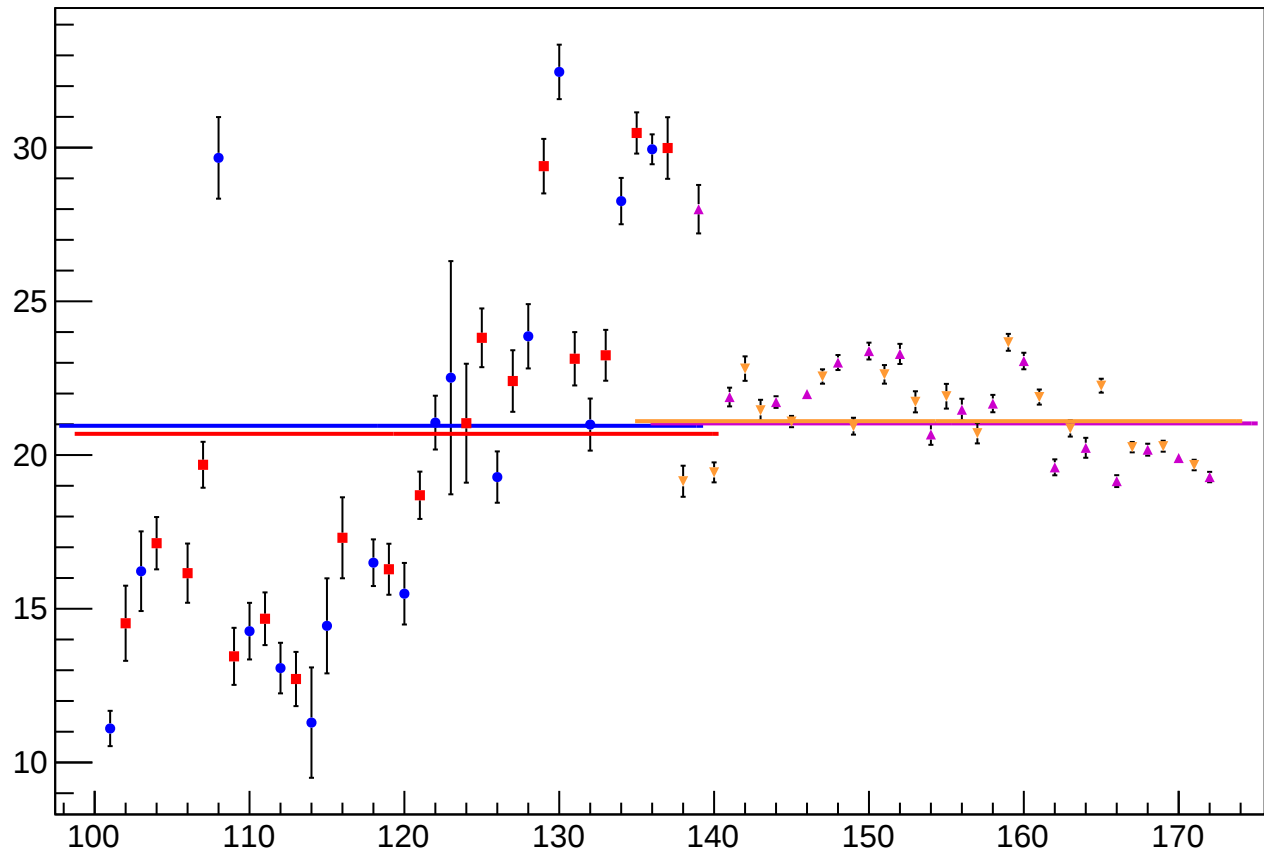
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -4.644 ± 0.065 $\chi^2/\text{NDF}: 11396.3/33$

Out: -5.293 ± 0.069 $\chi^2/\text{NDF}: 11787.1/35$

All: -4.949 ± 0.047 $\chi^2/\text{NDF}: 23230.8/69$

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: 21.102 $\pm$ 0.059 χ^2 /NDF:373.6/17

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.029 $\pm$ 0.056 χ^2 /NDF:700.1/16

Left: 21.063 $\pm$ 0.041 χ^2 /NDF: 1074.6/34

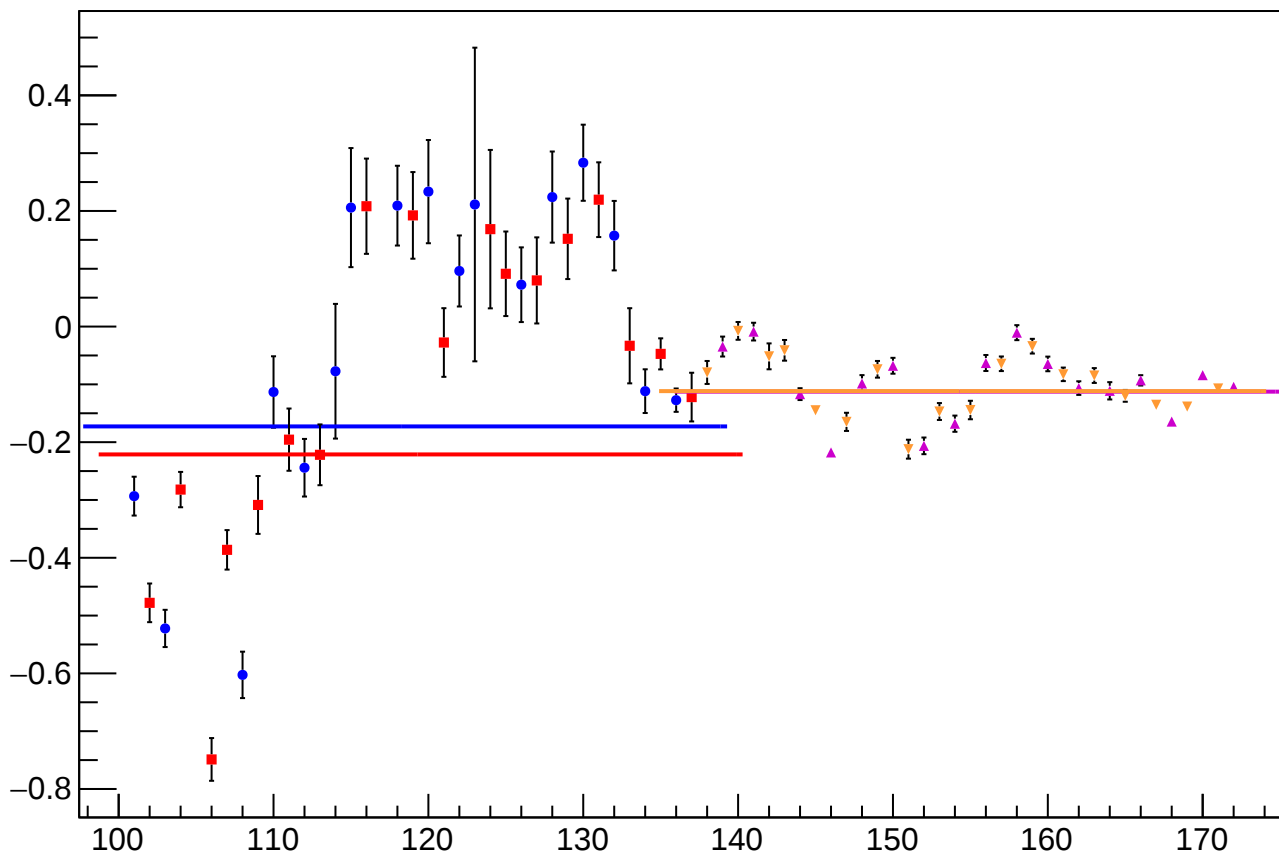
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.024 $\pm$ 0.054 χ^2 /NDF:1923.0/33

Out: 21.073 $\pm$ 0.057 χ^2 /NDF:1104.0/35

All: 21.047 $\pm$ 0.039 χ^2 /NDF: 3027.5/69

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: -0.112 ± 0.003 χ^2/NDF : 237.5/17

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.113 ± 0.003 χ^2/NDF : 448.7/16

Left: -0.112 ± 0.002 χ^2/NDF : 686.2/34

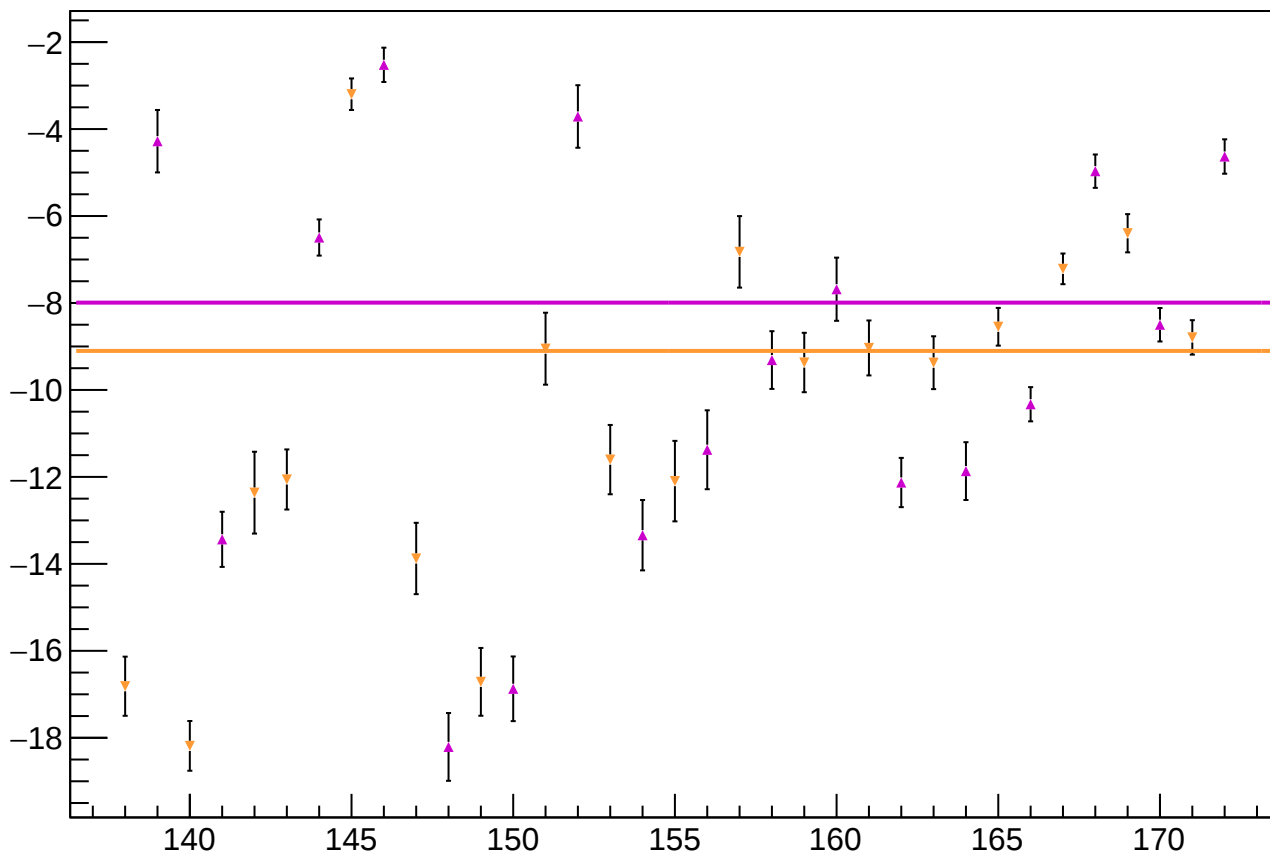
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.116 ± 0.003 χ^2/NDF : 936.4/33

Out: -0.118 ± 0.003 χ^2/NDF : 866.6/35

All: -0.117 ± 0.002 χ^2/NDF : 1803.4/69

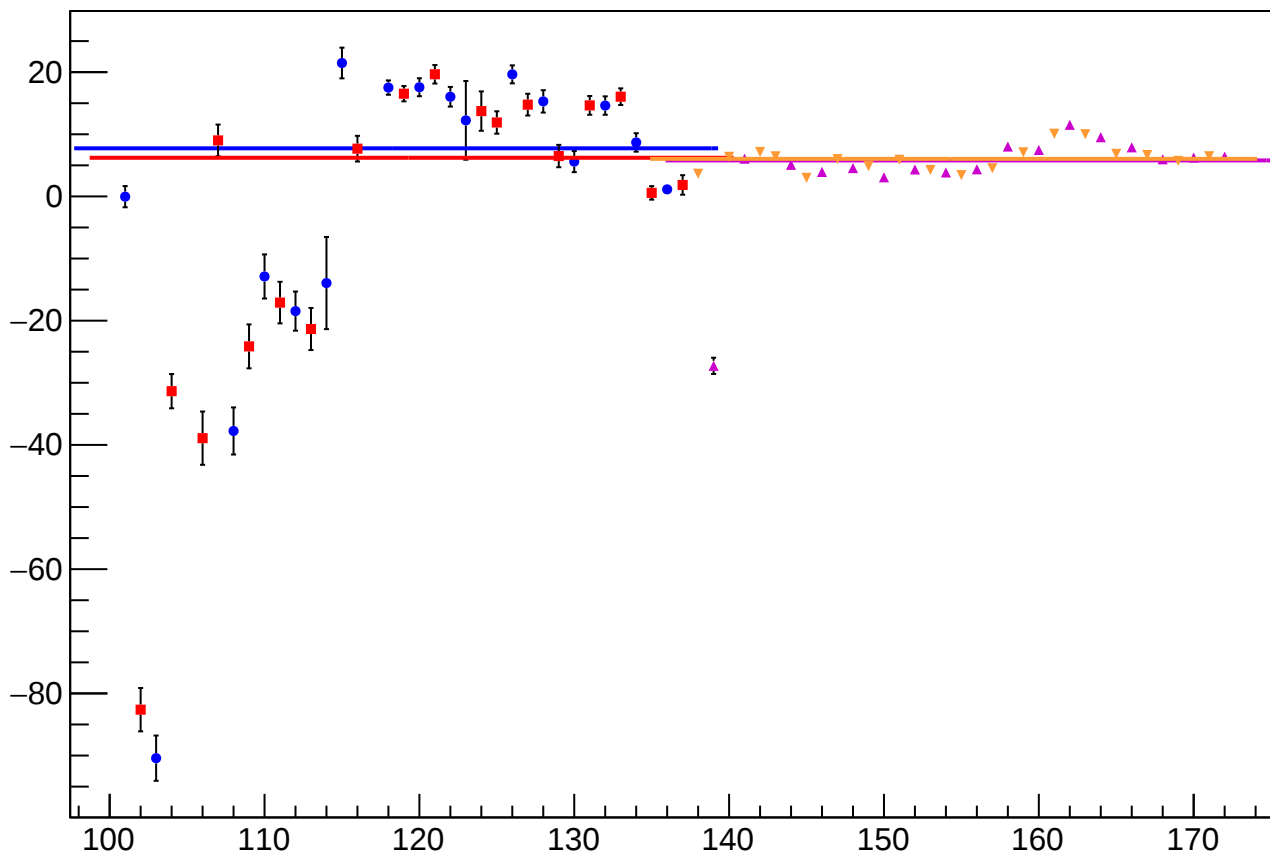
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.103+/-0.132 χ^2/NDF : 902.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.992+/-0.128 χ^2/NDF : 976.1/16

Left: -8.530+/-0.092 χ^2/NDF : 1914.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.992+/-0.128 χ^2/NDF : 976.1/16
 Out: -9.103+/-0.132 χ^2/NDF : 902.3/17
 All: -8.530+/-0.092 χ^2/NDF : 1914.7/34

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.047 ± 0.098 χ^2/NDF : 345.1/17

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.793 ± 0.095 χ^2/NDF : 1052.2/16

Left: 5.916 ± 0.068 χ^2/NDF : 1400.8/34

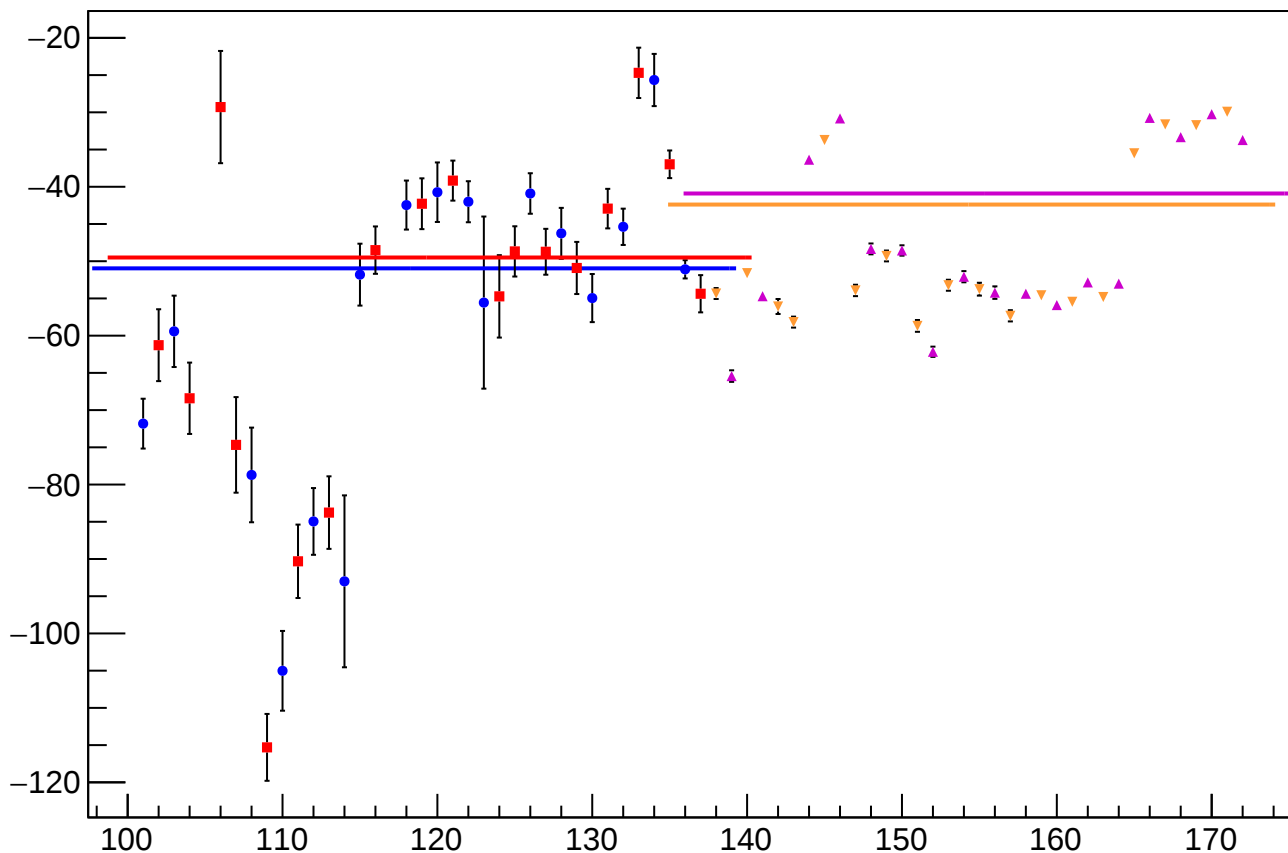
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.895 ± 0.092 χ^2/NDF : 2433.3/33

Out: 6.056 ± 0.096 χ^2/NDF : 1791.2/35

All: 5.973 ± 0.066 χ^2/NDF : 4225.9/69

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: -42.390±/0.133 χ^2/NDF : 7153.5/17

Right Out: -49.502±/0.798 χ^2/NDF : 506.4/17

Left In: -40.904±/0.128 χ^2/NDF : 7786.0/16

Left: -41.618±/0.092 χ^2/NDF : 15004.6/34

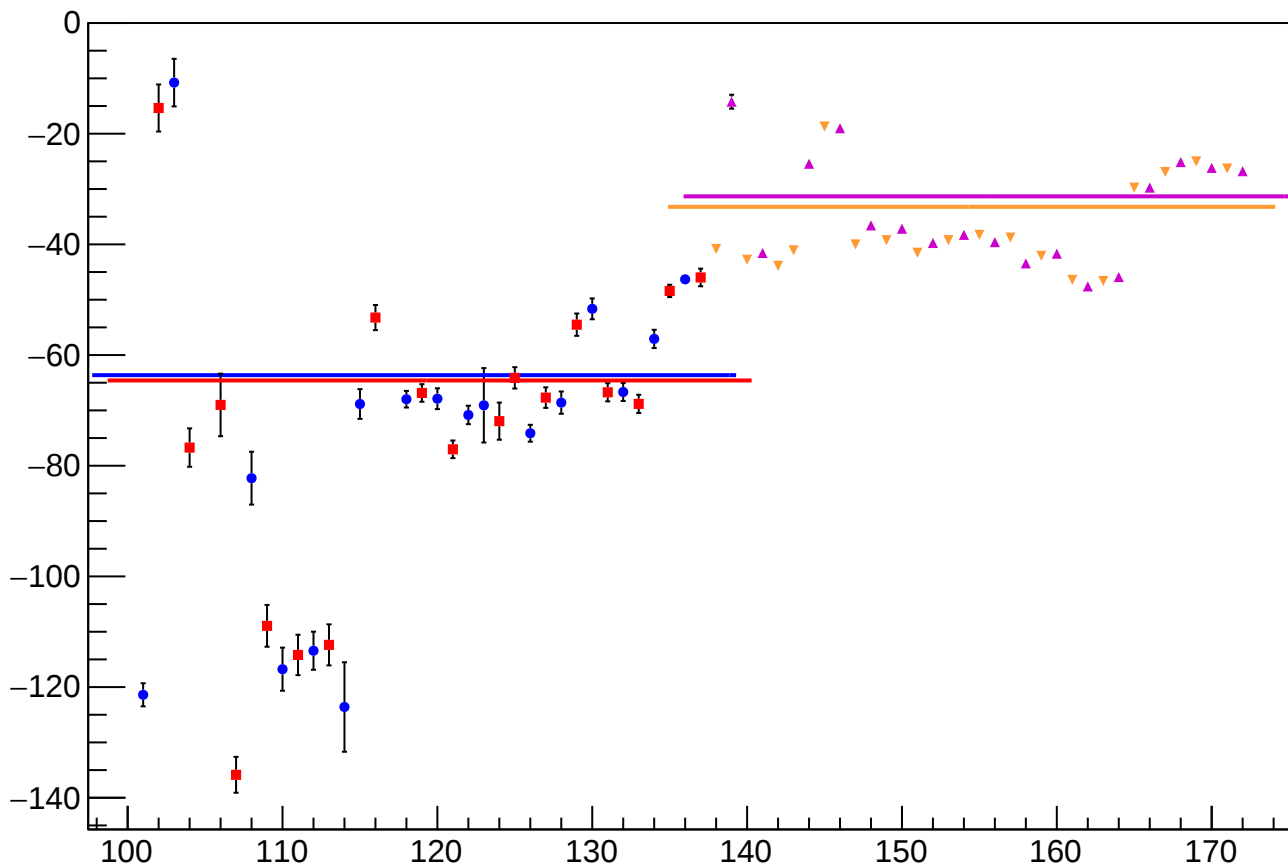
Right: -50.287±/0.542 χ^2/NDF : 840.1/34

In: -41.195±/0.126 χ^2/NDF : 8297.9/33

Out: -42.581±/0.131 χ^2/NDF : 7737.2/35

All: -41.861±/0.091 χ^2/NDF : 16093.4/69

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -33.213 ± 0.112 χ^2/NDF : 6627.0/17

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -31.325 ± 0.109 χ^2/NDF : 6581.9/16

Left: -32.243 ± 0.078 χ^2/NDF : 13355.5/34

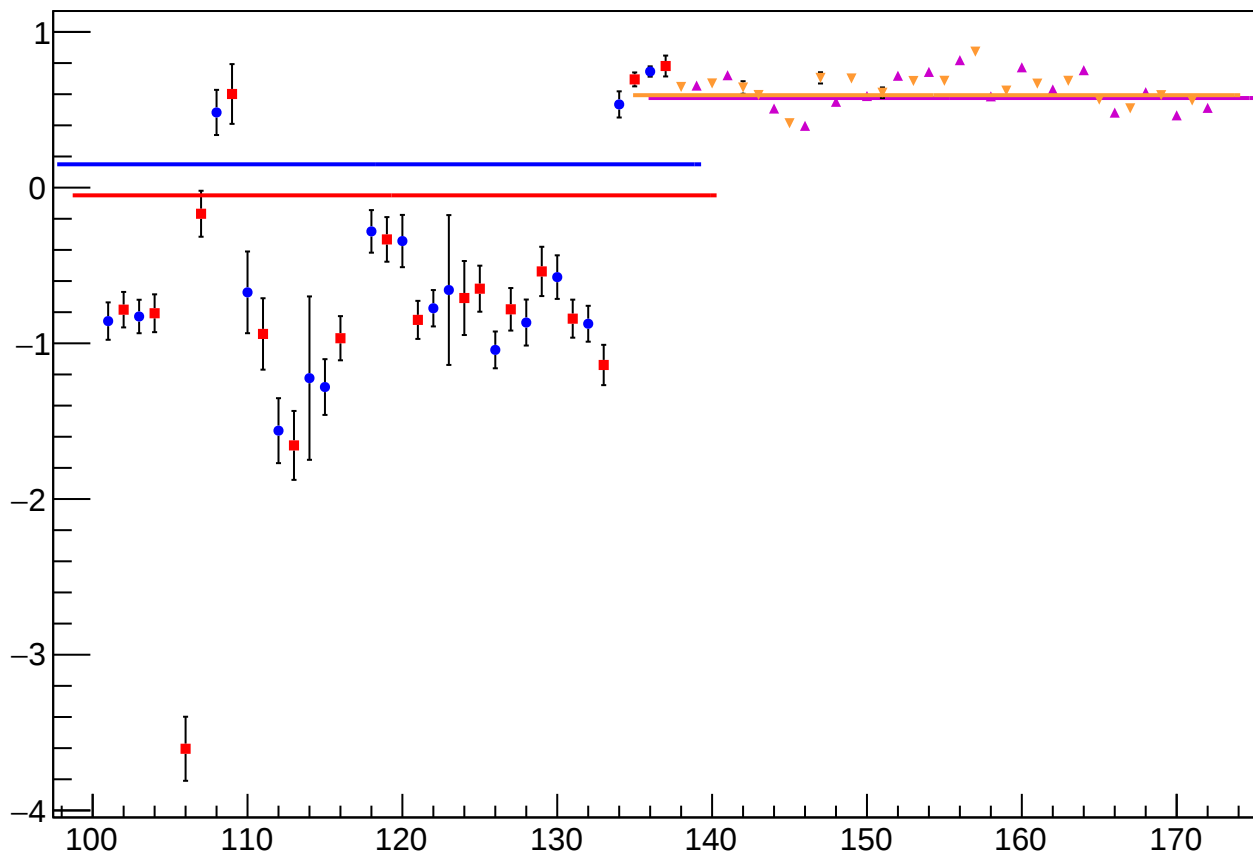
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.139 ± 0.106 χ^2/NDF : 13548.8/33

Out: -34.811 ± 0.109 χ^2/NDF : 12240.4/35

All: -33.950 ± 0.076 χ^2/NDF : 25910.7/69

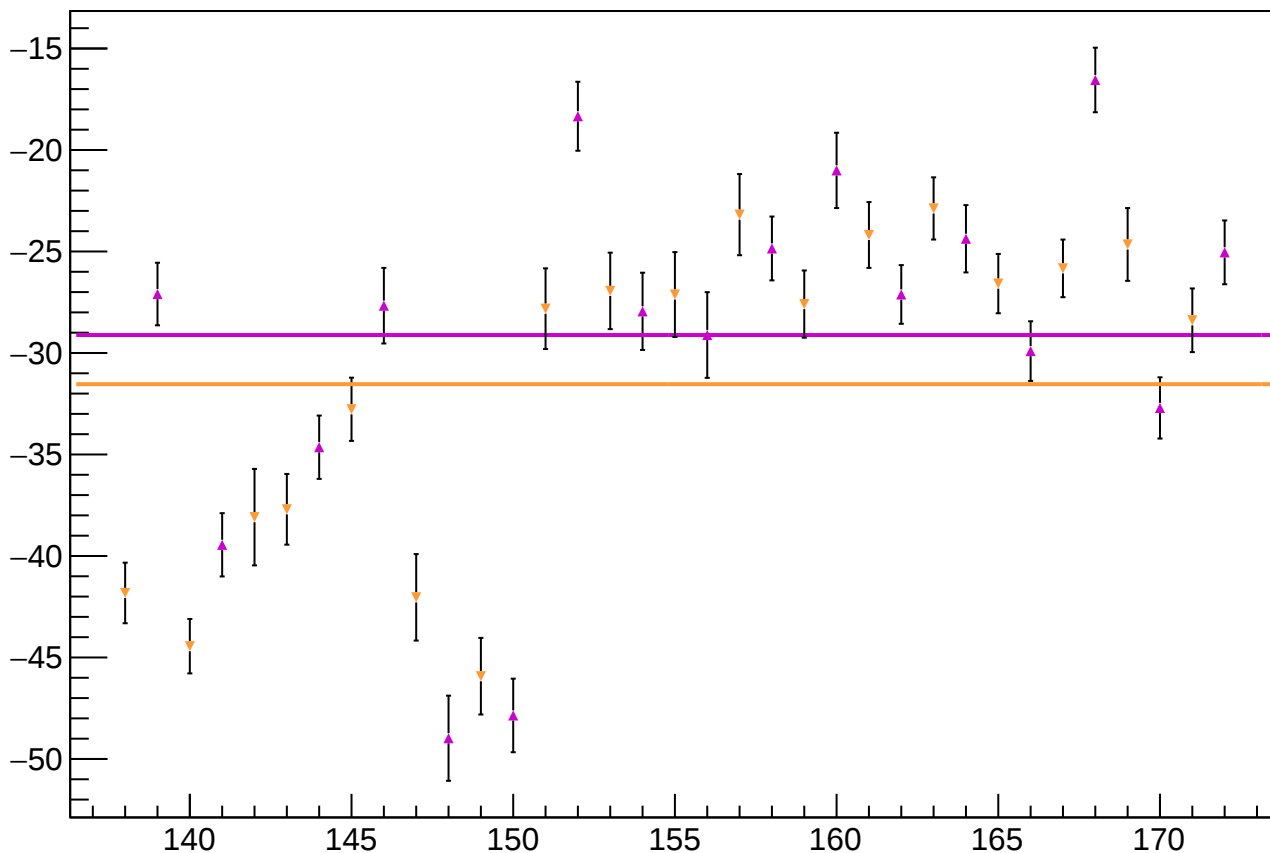
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.594 ± 0.005 $\chi^2/\text{NDF}: 386.4/17$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.575 ± 0.005 $\chi^2/\text{NDF}: 525.1/16$

Left: 0.584 ± 0.004 $\chi^2/\text{NDF}: 918.0/34$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.558 ± 0.005 $\chi^2/\text{NDF}: 1816.0/33$
 Out: 0.570 ± 0.005 $\chi^2/\text{NDF}: 2119.8/35$
 All: 0.564 ± 0.004 $\chi^2/\text{NDF}: 3938.9/69$

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: -31.538+/-0.399 χ^2/NDF :379.2/17

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

Left In: -29.115+/-0.403 χ^2/NDF :407.7/16

Left: -30.340+/-0.283 χ^2/NDF : 805.2/34

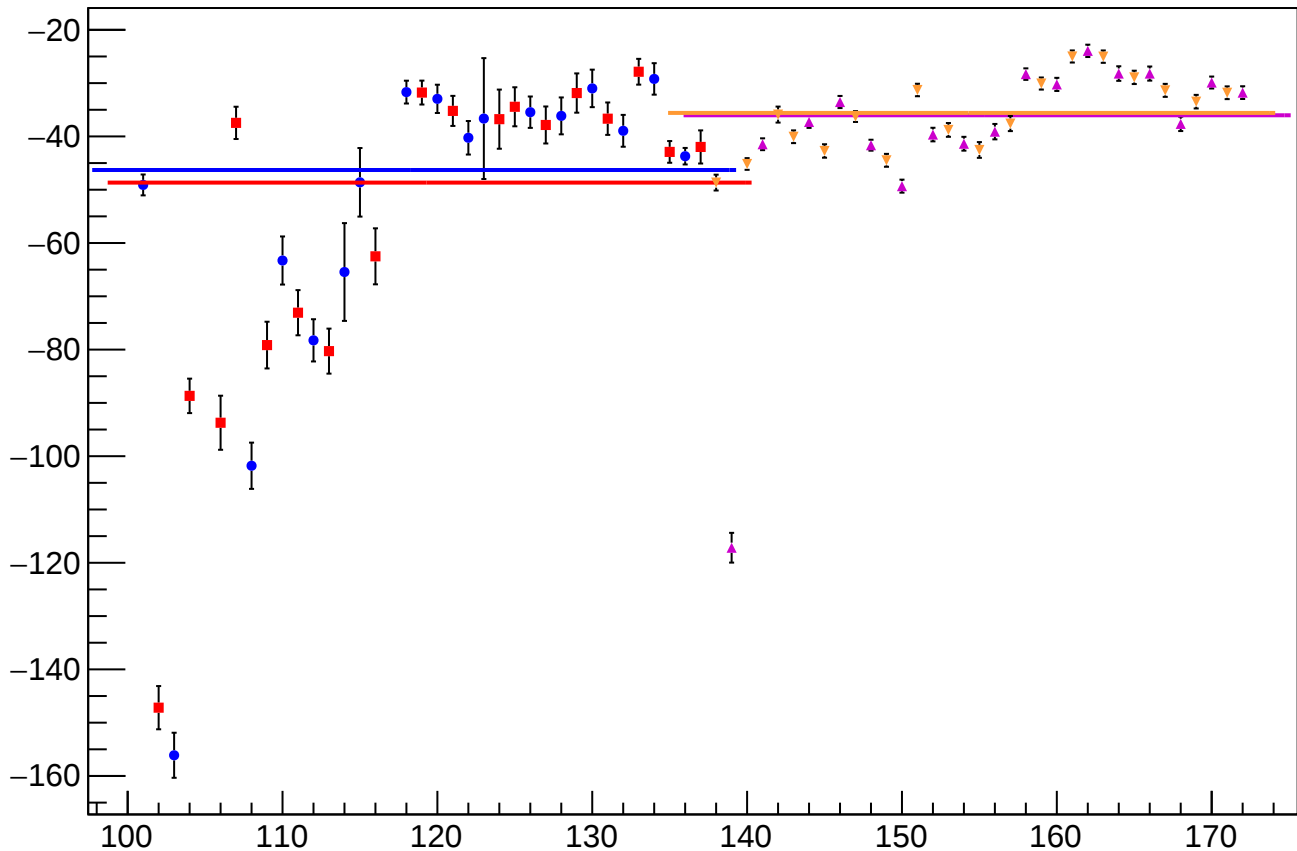
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.115+/-0.403 χ^2/NDF :407.7/16

Out: -31.538+/-0.399 χ^2/NDF :379.2/17

All: -30.340+/-0.283 χ^2/NDF : 805.2/34

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: -35.590 ± 0.290 $\chi^2/\text{NDF}: 543.5/17$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -36.033 ± 0.299 $\chi^2/\text{NDF}: 1345.8/16$

Left: -35.805 ± 0.208 $\chi^2/\text{NDF}: 1890.4/34$

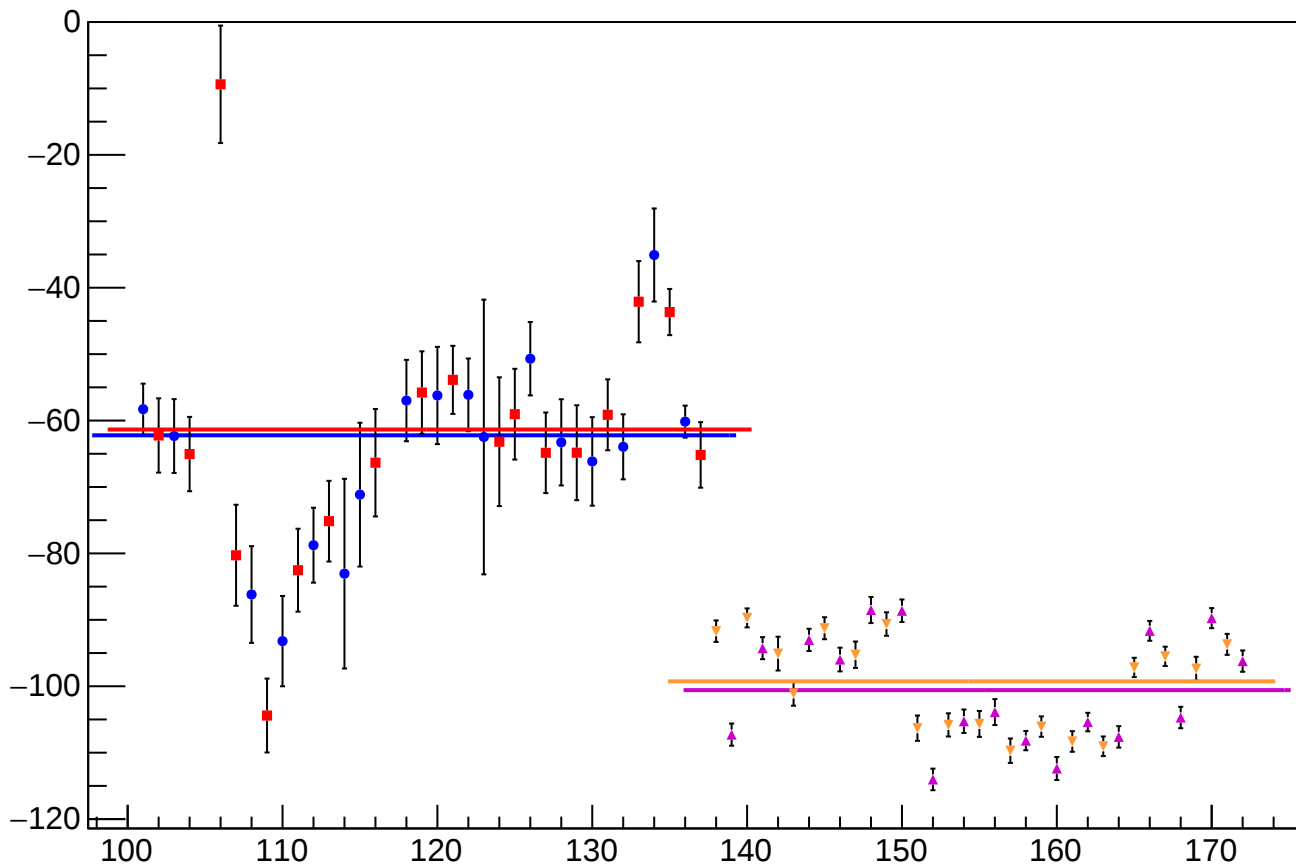
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -37.527 ± 0.276 $\chi^2/\text{NDF}: 2601.9/33$

Out: -37.239 ± 0.271 $\chi^2/\text{NDF}: 2012.3/35$

All: -37.380 ± 0.193 $\chi^2/\text{NDF}: 4614.7/69$

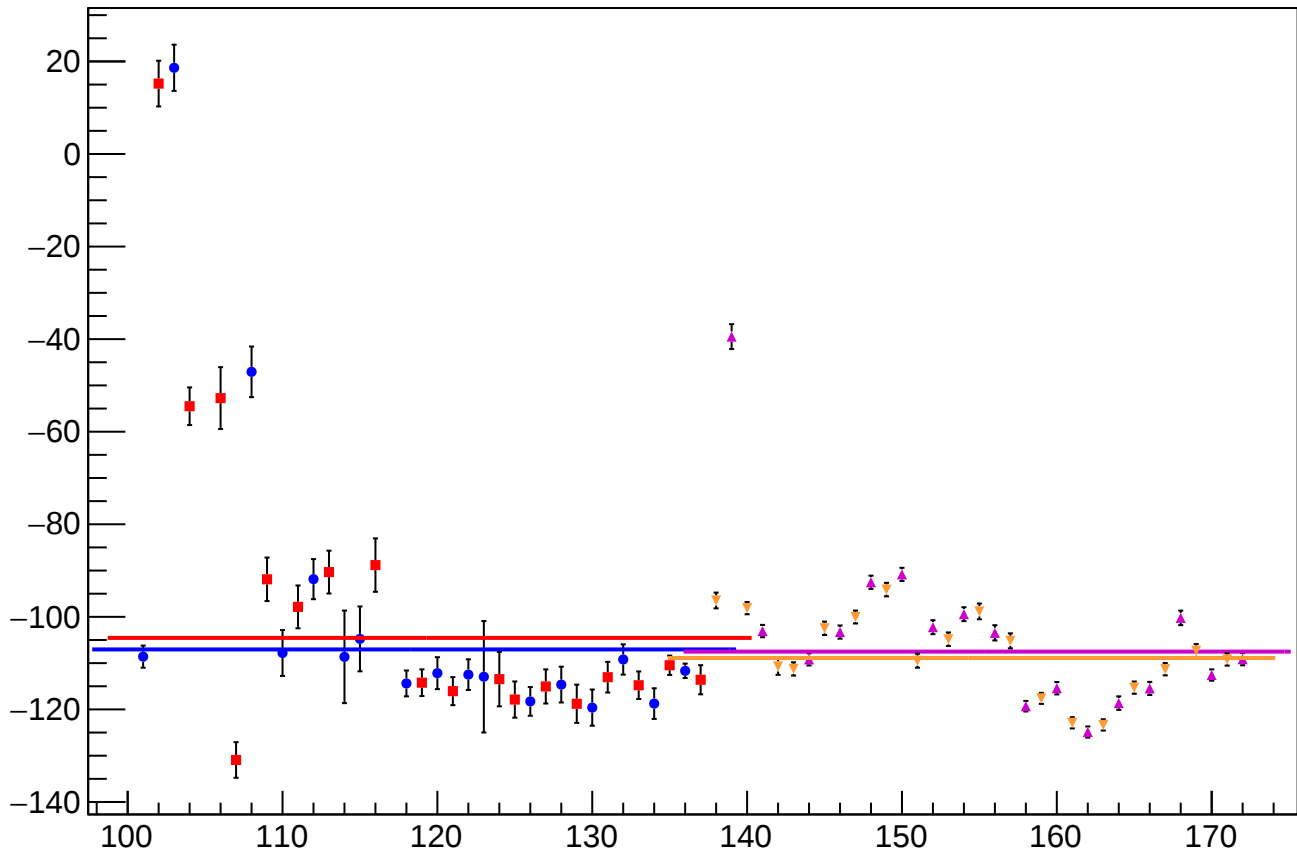
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -99.263 ± 0.396 $\chi^2/\text{NDF}: 312.2/17$
 Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$
 Left In: -100.582 ± 0.397 $\chi^2/\text{NDF}: 429.8/16$

Left: -99.920 ± 0.280 $\chi^2/\text{NDF}: 747.5/34$
 Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$
 In: -97.357 ± 0.380 $\chi^2/\text{NDF}: 1280.5/33$
 Out: -96.389 ± 0.381 $\chi^2/\text{NDF}: 1165.3/35$
 All: -96.874 ± 0.269 $\chi^2/\text{NDF}: 2449.1/69$

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: -108.892 ± 0.333 χ^2/NDF : 686.8/17

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -107.509 ± 0.340 χ^2/NDF : 1437.0/16

Left: -108.215 ± 0.238 χ^2/NDF : 2132.3/34

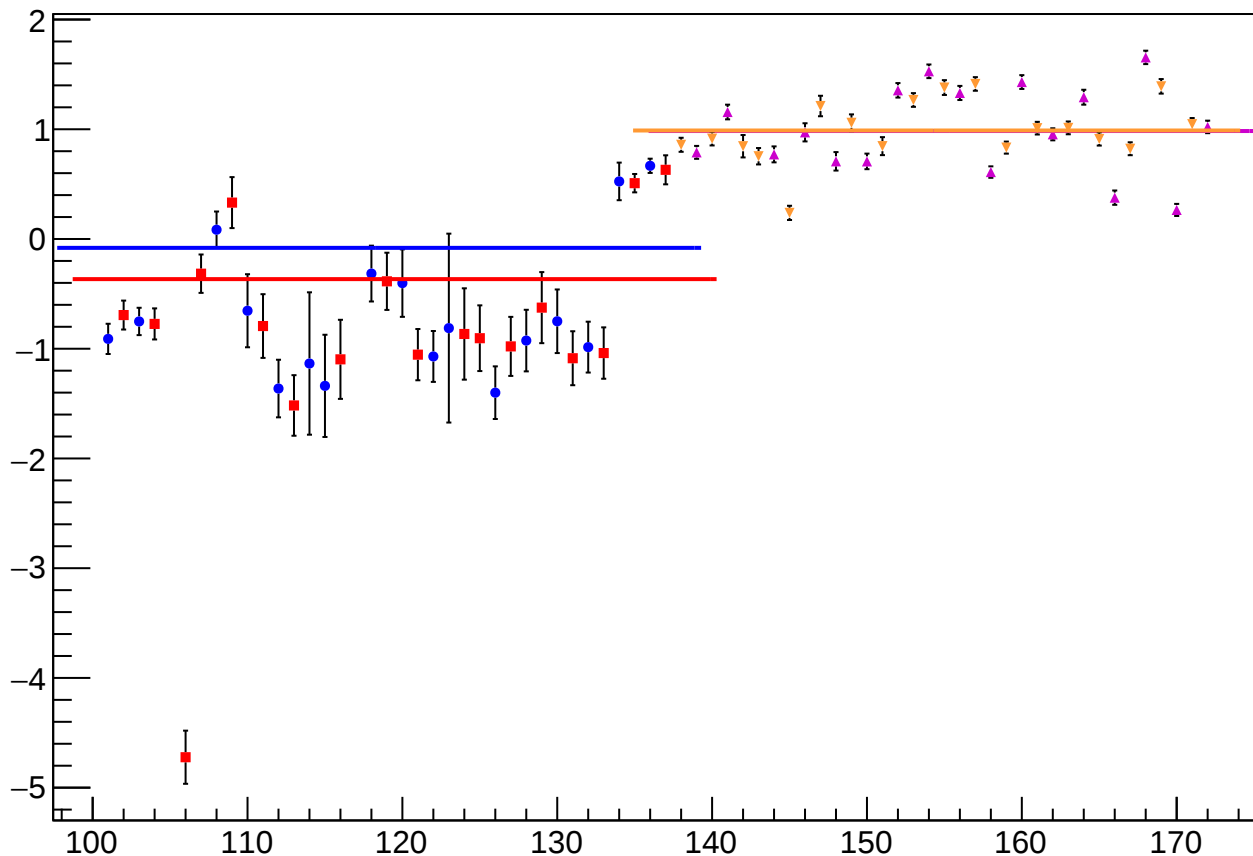
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -107.439 ± 0.314 χ^2/NDF : 2265.1/33

Out: -108.327 ± 0.311 χ^2/NDF : 1676.4/35

All: -107.887 ± 0.221 χ^2/NDF : 3945.6/69

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: 0.989 ± 0.015 χ^2/NDF : 316.8/17

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.984 ± 0.015 χ^2/NDF : 689.5/16

Left: 0.986 ± 0.011 χ^2/NDF : 1006.4/34

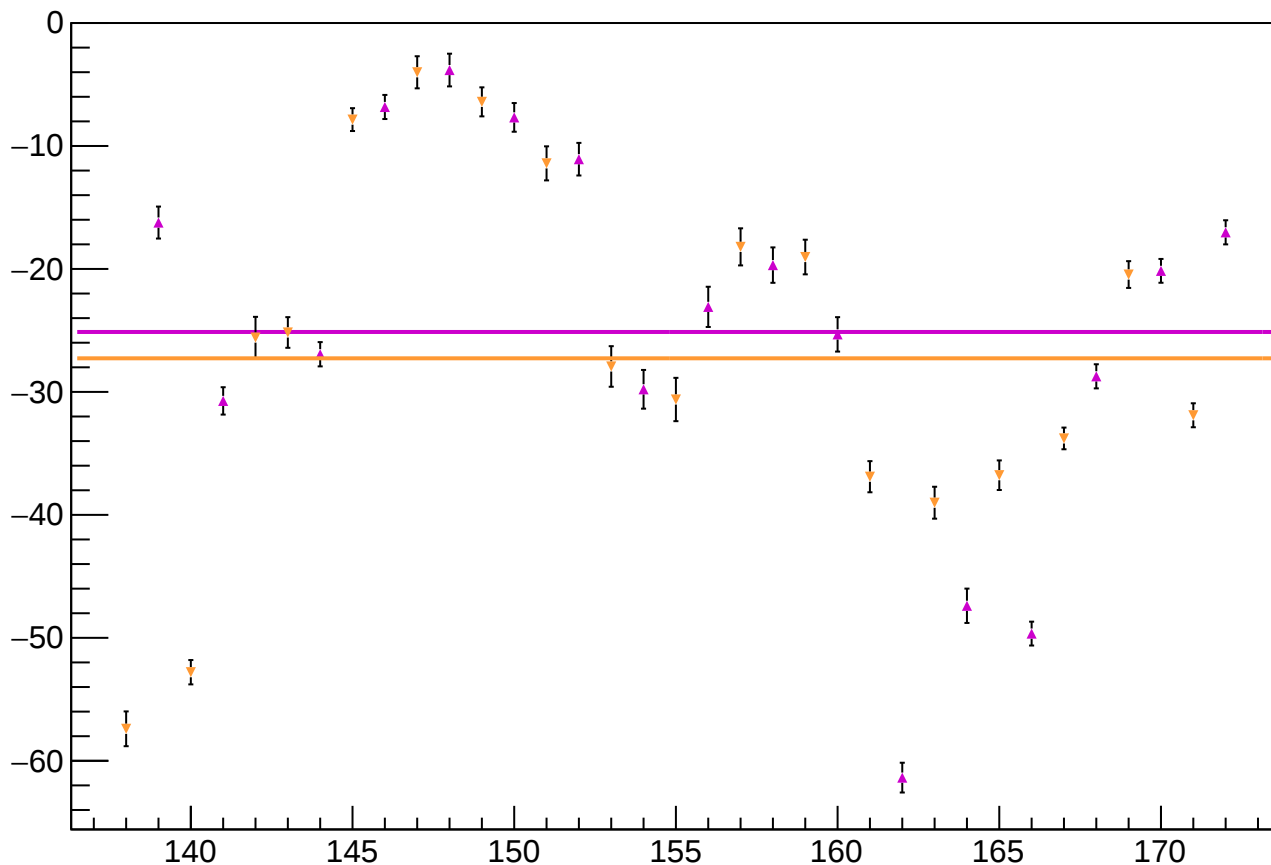
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.859 ± 0.014 χ^2/NDF : 1580.3/33

Out: 0.841 ± 0.015 χ^2/NDF : 1733.7/35

All: 0.850 ± 0.010 χ^2/NDF : 3314.7/69

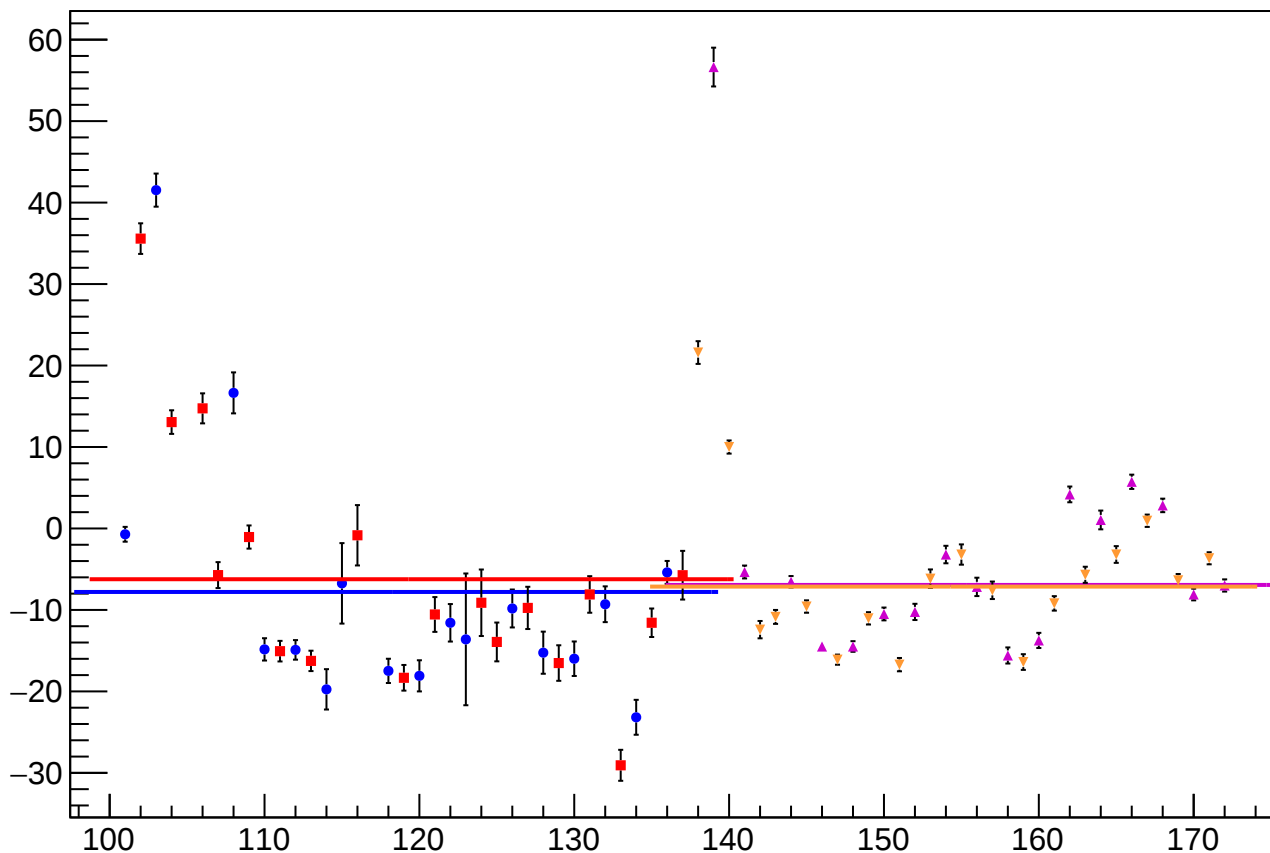
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -27.268 $\pm$ 0.286 χ^2/NDF :2712.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -25.126 $\pm$ 0.283 χ^2/NDF :2938.6/16

Left: -26.185 $\pm$ 0.201 χ^2/NDF : 5678.9/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -25.126 $\pm$ 0.283 χ^2/NDF :2938.6/16
 Out: -27.268 $\pm$ 0.286 χ^2/NDF :2712.0/17
 All: -26.185 $\pm$ 0.201 χ^2/NDF : 5678.9/34

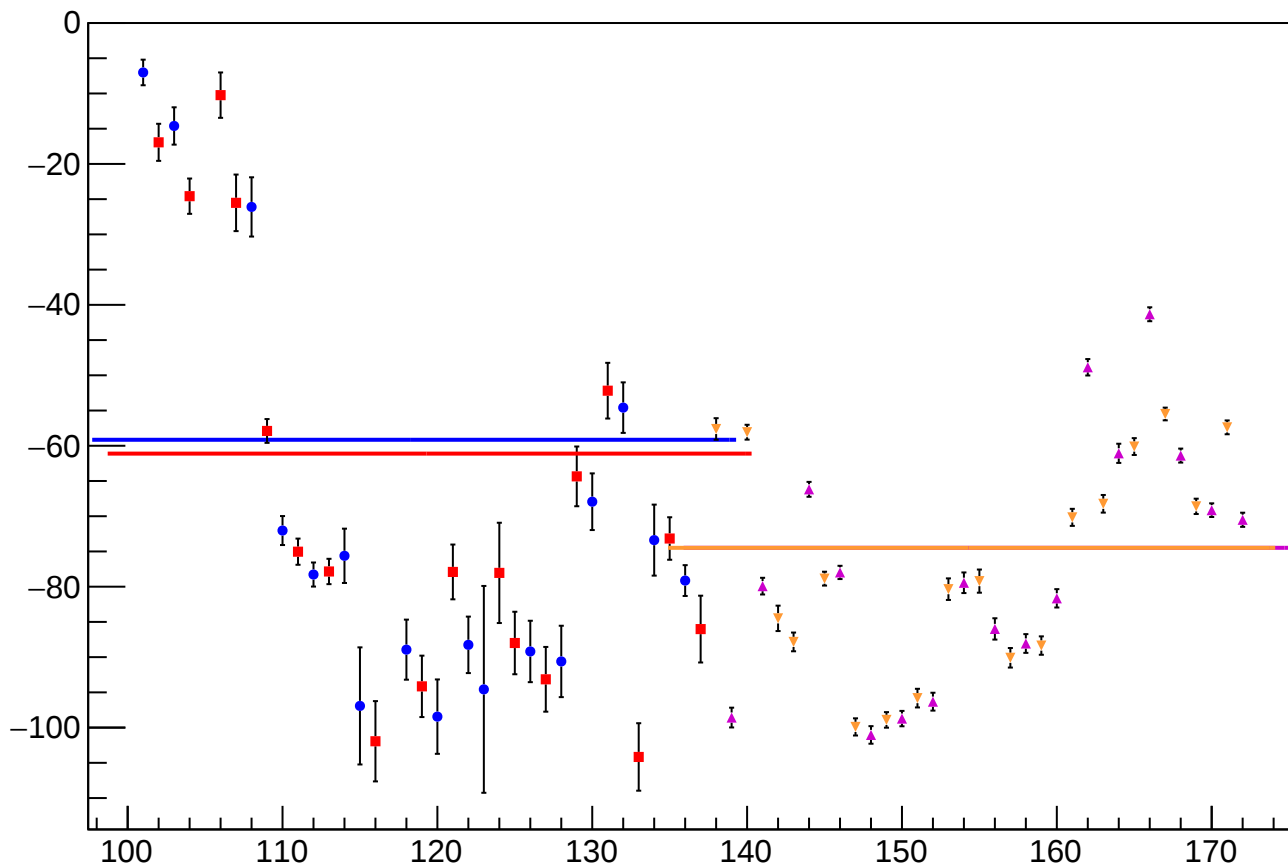
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -7.136 ± 0.206 χ^2/NDF : 1561.2/17
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -6.932 ± 0.206 χ^2/NDF : 1706.8/16

Left: -7.034 ± 0.146 χ^2/NDF : 3268.5/34
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -7.094 ± 0.186 χ^2/NDF : 2692.8/33
 Out: -6.967 ± 0.185 χ^2/NDF : 2747.8/35
 All: -7.031 ± 0.131 χ^2/NDF : 5440.8/69

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -74.487 $\pm$ 0.285 χ^2 /NDF: 2919.1/17

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -74.483 $\pm$ 0.280 χ^2 /NDF: 3762.1/16

Left: -74.485 $\pm$ 0.200 χ^2 /NDF: 6681.2/34

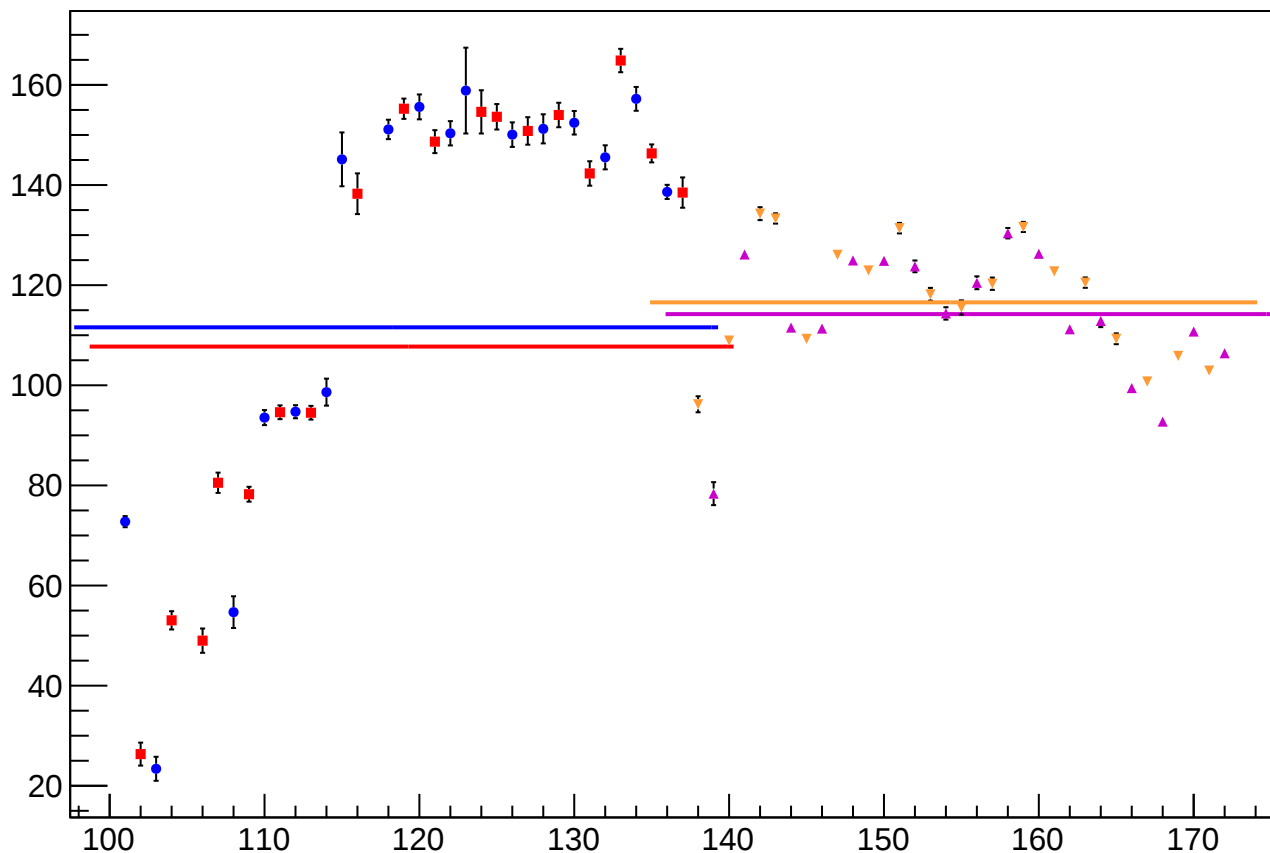
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -72.589 $\pm$ 0.262 χ^2 /NDF: 5851.4/33

Out: -72.623 $\pm$ 0.264 χ^2 /NDF: 4544.2/35

All: -72.606 $\pm$ 0.186 χ^2 /NDF: 10395.7/69

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: 116.565 $\pm$ 0.238 χ^2 /NDF:2238.8/17

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 114.217 $\pm$ 0.238 χ^2 /NDF:2035.0/16

Left: 115.389 $\pm$ 0.168 χ^2 /NDF: 4322.4/34

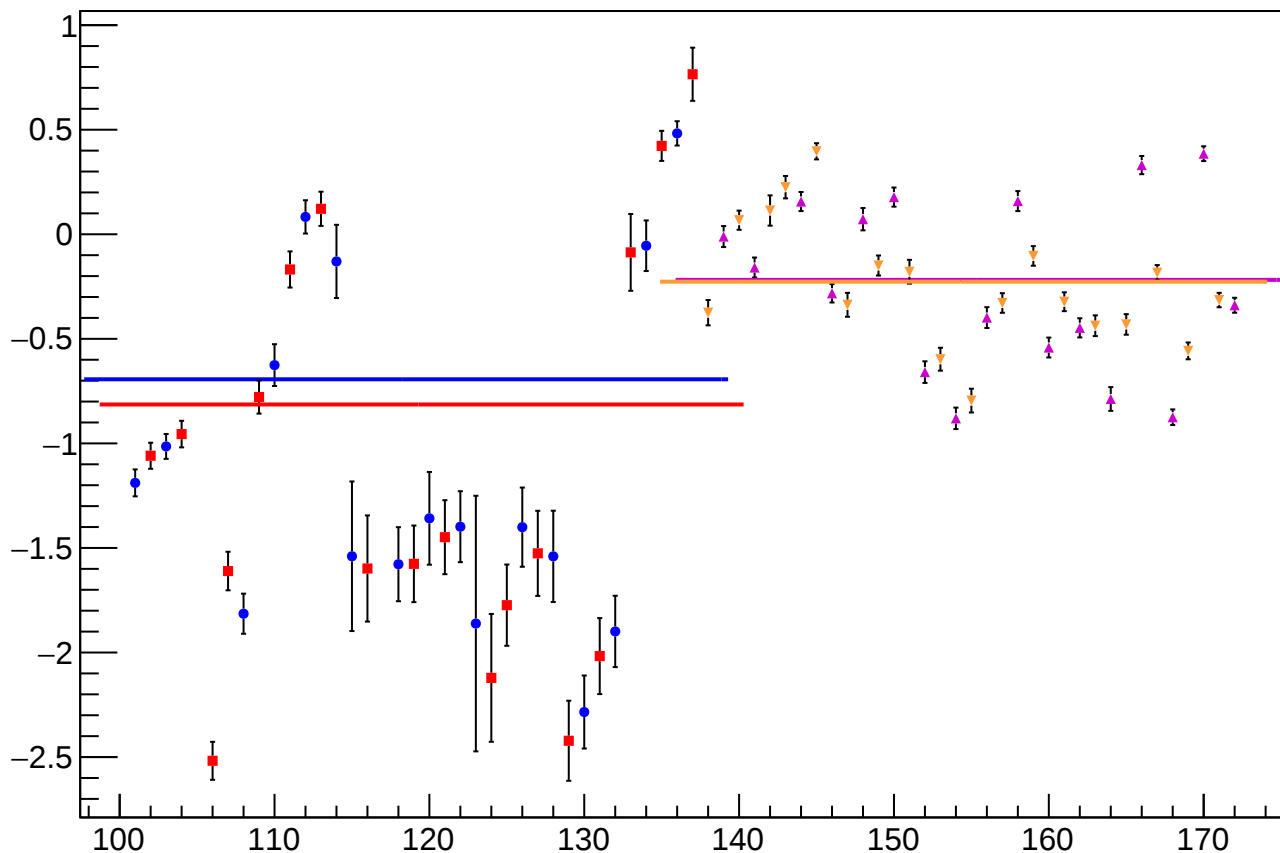
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 113.710 $\pm$ 0.214 χ^2 /NDF:8004.6/33

Out: 114.868 $\pm$ 0.214 χ^2 /NDF:9338.8/35

All: 114.288 $\pm$ 0.151 χ^2 /NDF: 17358.1/69

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: -0.227 ± 0.011 χ^2/NDF : 681.6/17

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.218 ± 0.011 χ^2/NDF : 1448.7/16

Left: -0.222 ± 0.008 χ^2/NDF : 2130.6/34

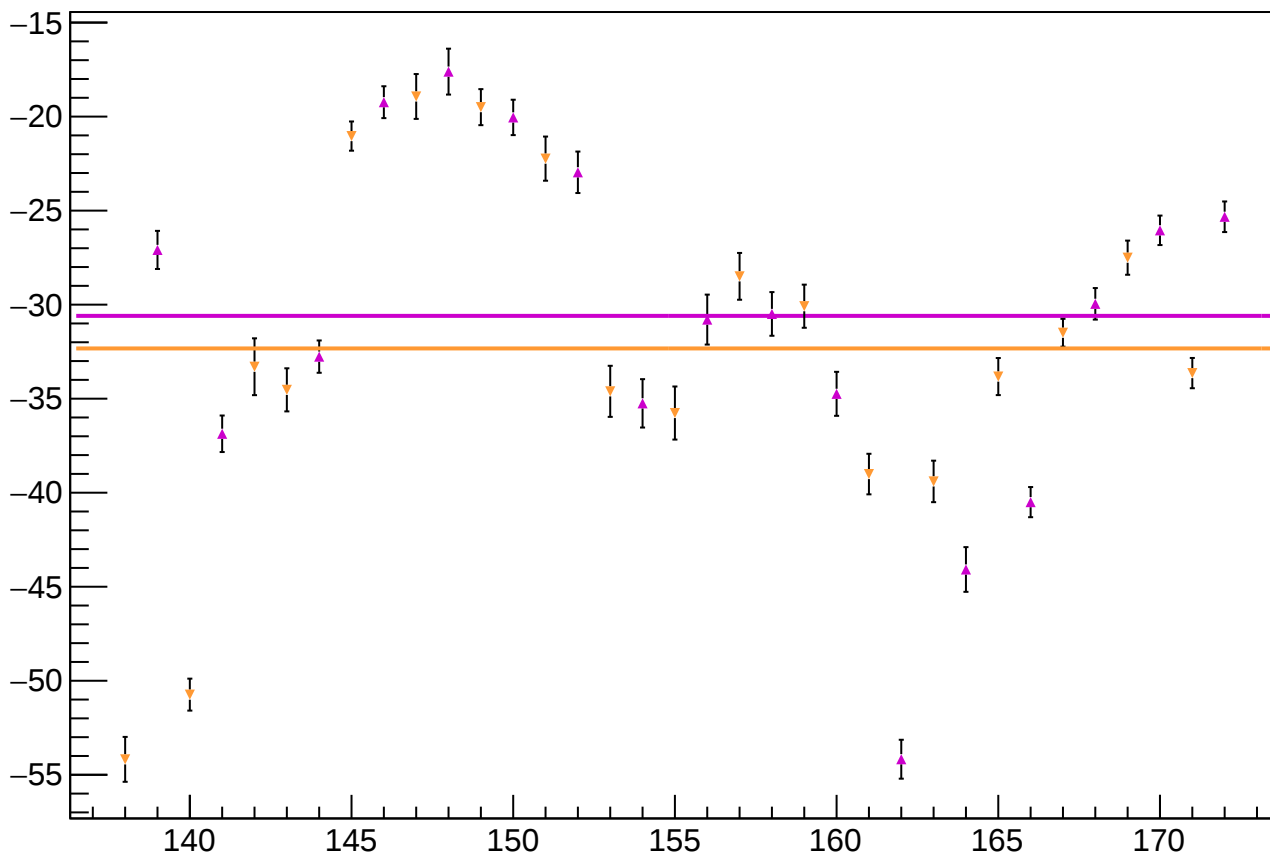
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.291 ± 0.010 χ^2/NDF : 2727.0/33

Out: -0.327 ± 0.010 χ^2/NDF : 2467.5/35

All: -0.309 ± 0.007 χ^2/NDF : 5200.9/69

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: -32.329+/-0.241 χ^2/NDF :1535.2/17

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

Left In: -30.597+/-0.237 χ^2/NDF :1429.3/16

Left: -31.448+/-0.169 χ^2/NDF : 2990.8/34

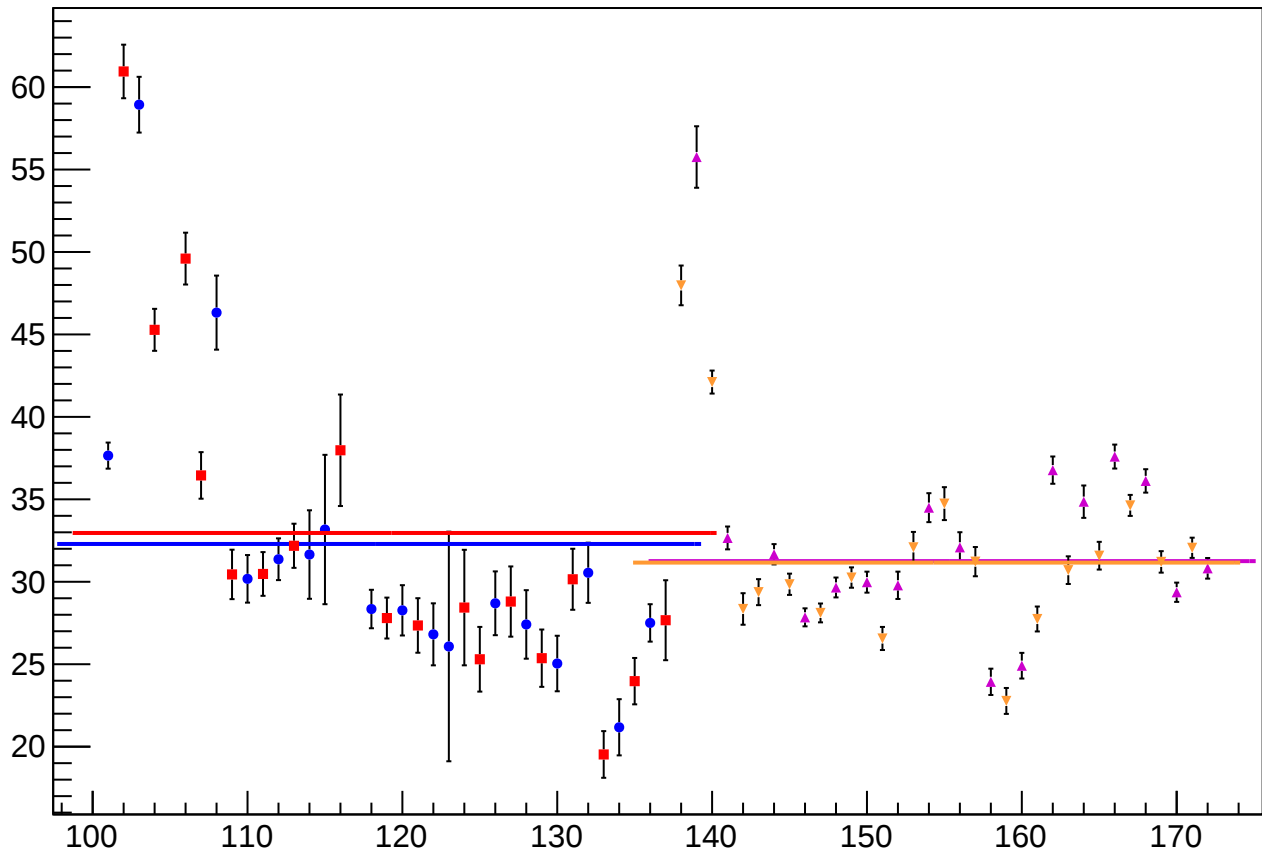
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.597+/-0.237 χ^2/NDF :1429.3/16

Out: -32.329+/-0.241 χ^2/NDF :1535.2/17

All: -31.448+/-0.169 χ^2/NDF : 2990.8/34

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: 31.164 ± 0.175 $\chi^2/\text{NDF}: 713.5/17$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 31.252 ± 0.175 $\chi^2/\text{NDF}: 587.4/16$

Left: 31.208 ± 0.124 $\chi^2/\text{NDF}: 1301.0/34$

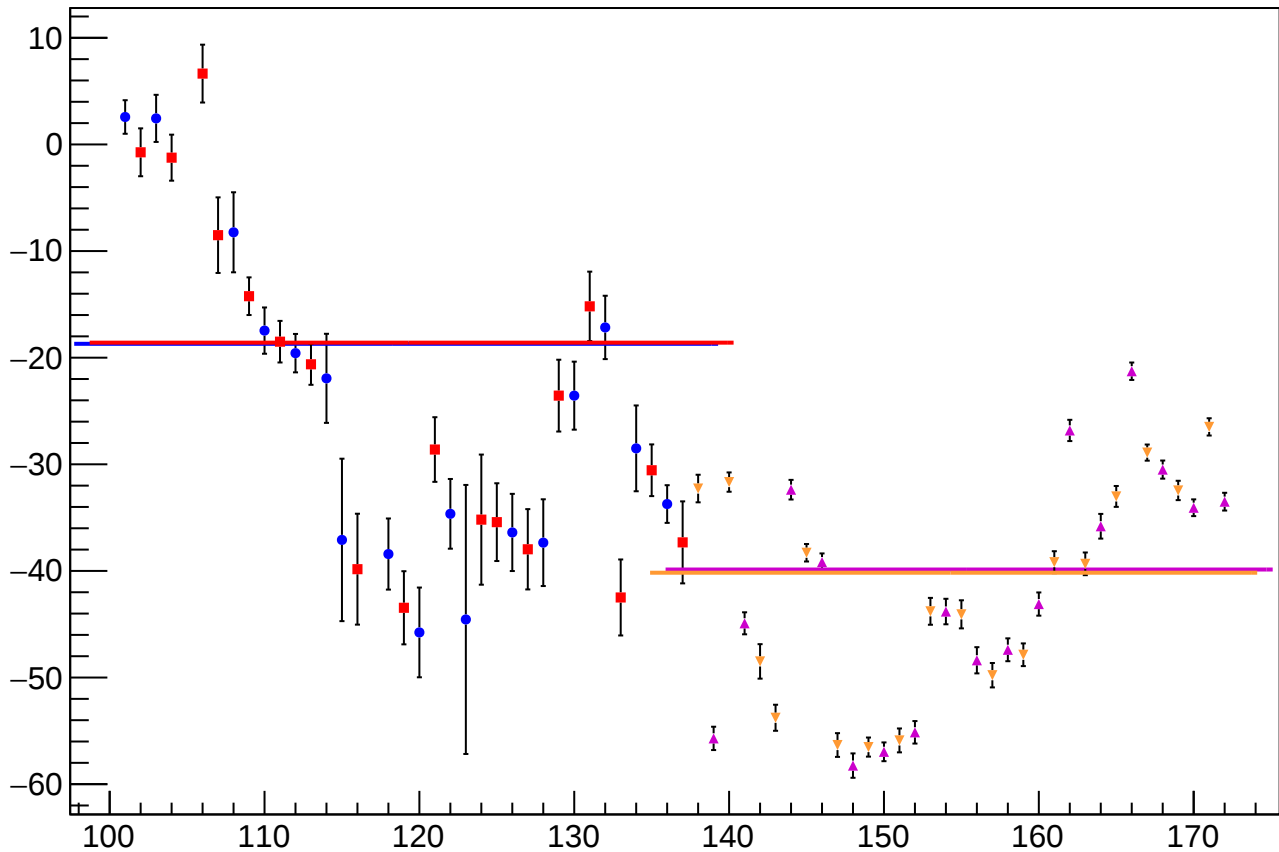
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.440 ± 0.159 $\chi^2/\text{NDF}: 1046.3/33$

Out: 31.478 ± 0.159 $\chi^2/\text{NDF}: 1456.0/35$

All: 31.459 ± 0.112 $\chi^2/\text{NDF}: 2502.3/69$

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: -40.168 ± 0.240 $\chi^2/\text{NDF}: 1795.2/17$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -39.869 ± 0.234 $\chi^2/\text{NDF}: 2199.5/16$

Left: -40.015 ± 0.168 $\chi^2/\text{NDF}: 3995.5/34$

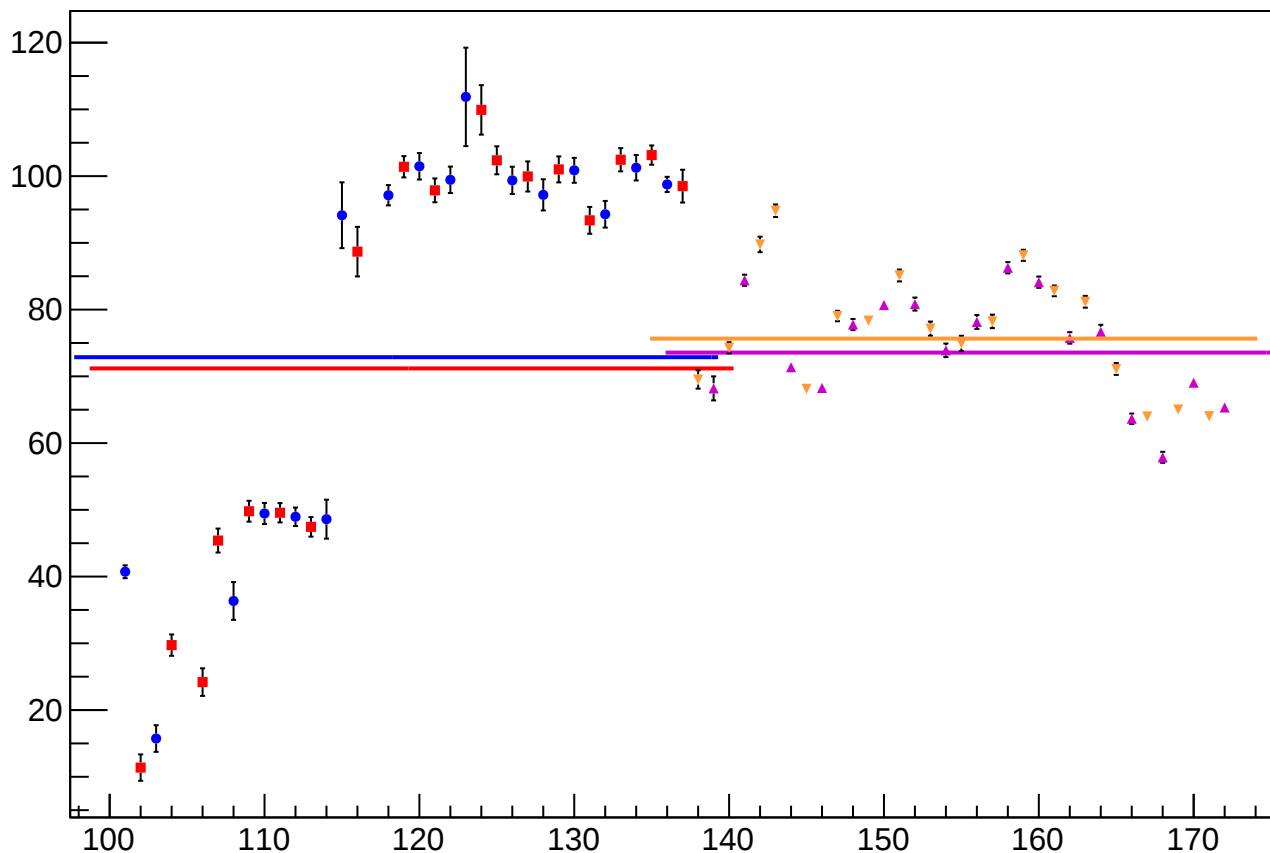
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -37.538 ± 0.221 $\chi^2/\text{NDF}: 3616.3/33$

Out: -37.569 ± 0.225 $\chi^2/\text{NDF}: 3233.2/35$

All: -37.553 ± 0.158 $\chi^2/\text{NDF}: 6849.5/69$

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: 75.653 $\pm$ 0.202 χ^2 /NDF:1993.6/17

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 73.561 $\pm$ 0.201 χ^2 /NDF:1559.8/16

Left: 74.602 $\pm$ 0.142 χ^2 /NDF: 3607.5/34

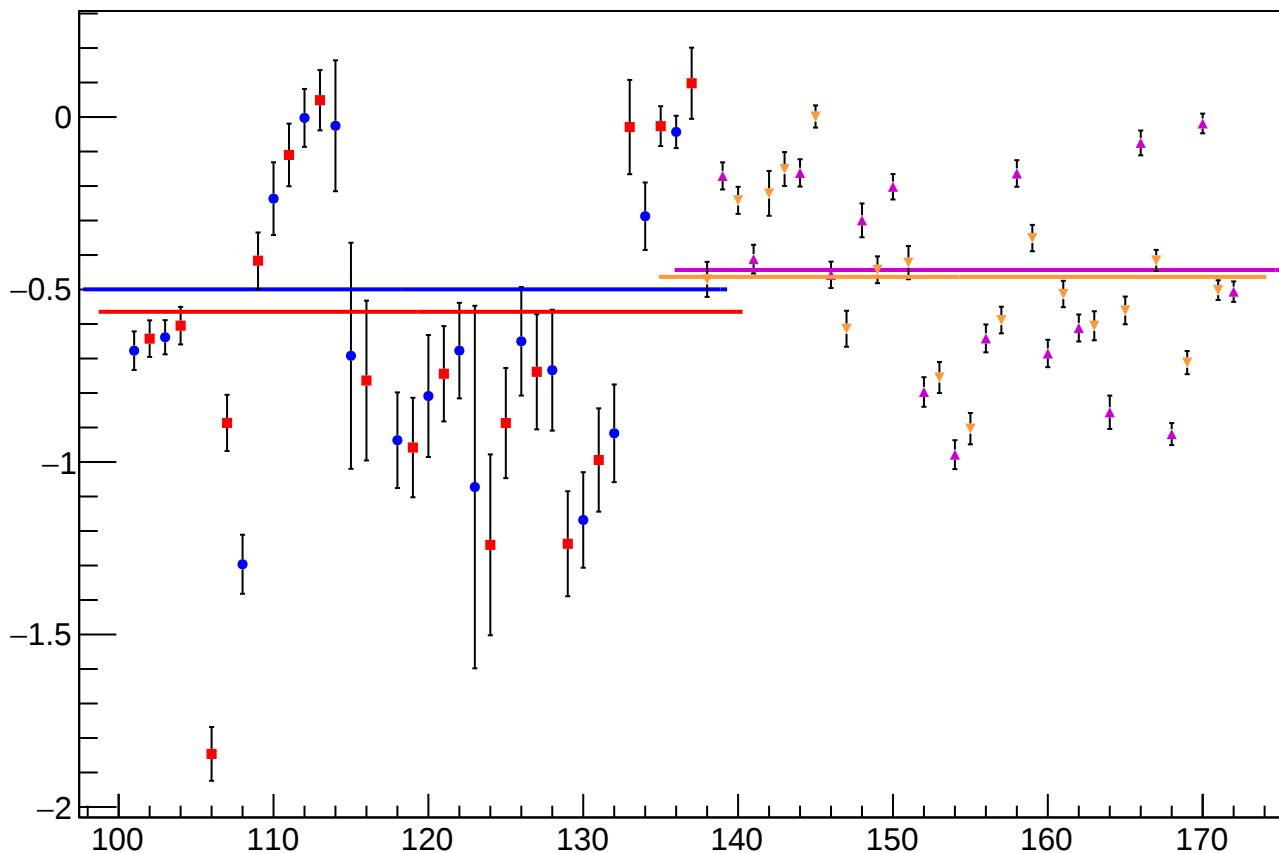
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 73.436 $\pm$ 0.182 χ^2 /NDF:6289.1/33

Out: 74.860 $\pm$ 0.183 χ^2 /NDF:7455.7/35

All: 74.143 $\pm$ 0.129 χ^2 /NDF: 13775.3/69

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.463 ± 0.009 χ^2/NDF : 537.4/17

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.443 ± 0.009 χ^2/NDF : 1138.9/16

Left: -0.453 ± 0.007 χ^2/NDF : 1678.6/34

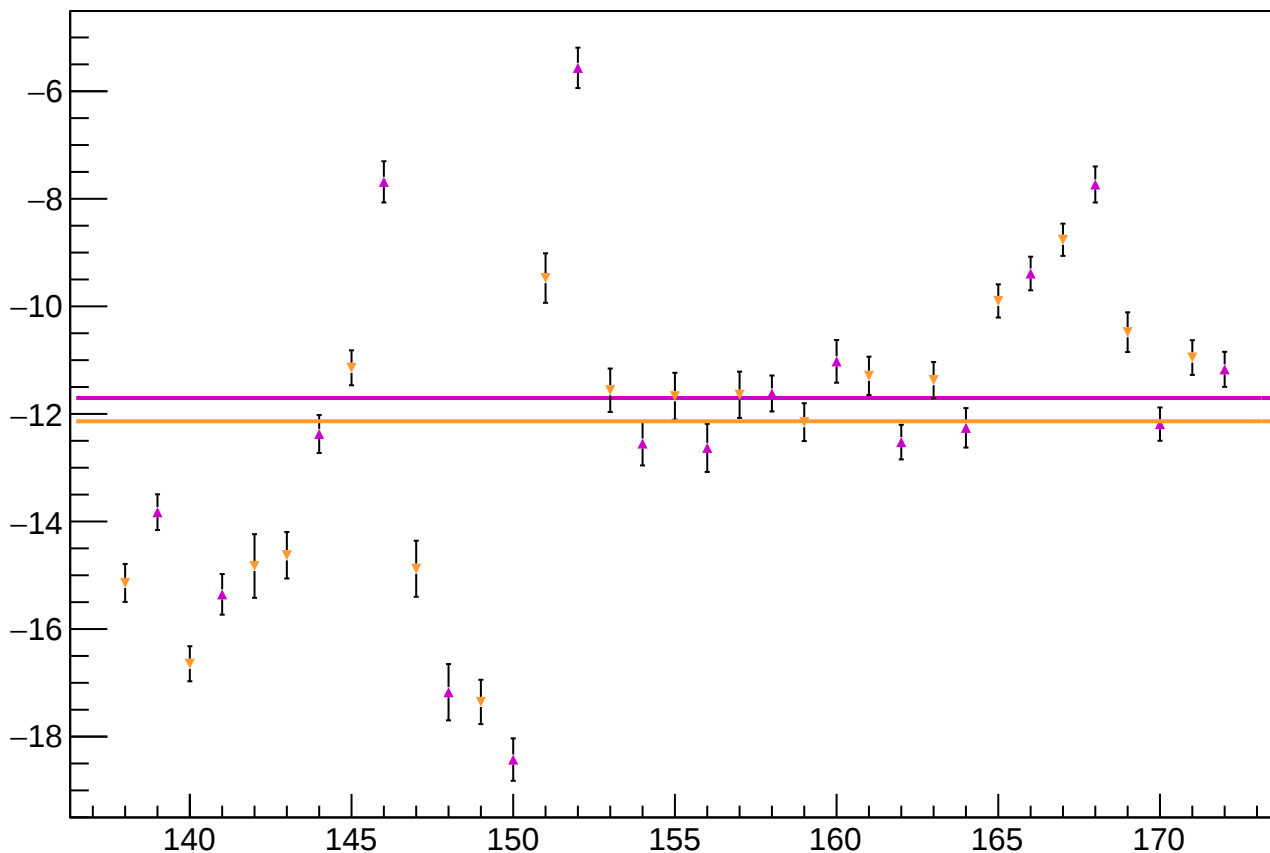
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.451 ± 0.008 χ^2/NDF : 1446.9/33

Out: -0.479 ± 0.009 χ^2/NDF : 1115.3/35

All: -0.465 ± 0.006 χ^2/NDF : 2567.6/69

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: -12.136+/-0.088 χ^2/NDF : 777.8/17

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

Left In: -11.704+/-0.088 χ^2/NDF : 1135.3/16

Left: -11.920+/-0.062 χ^2/NDF : 1925.2/34

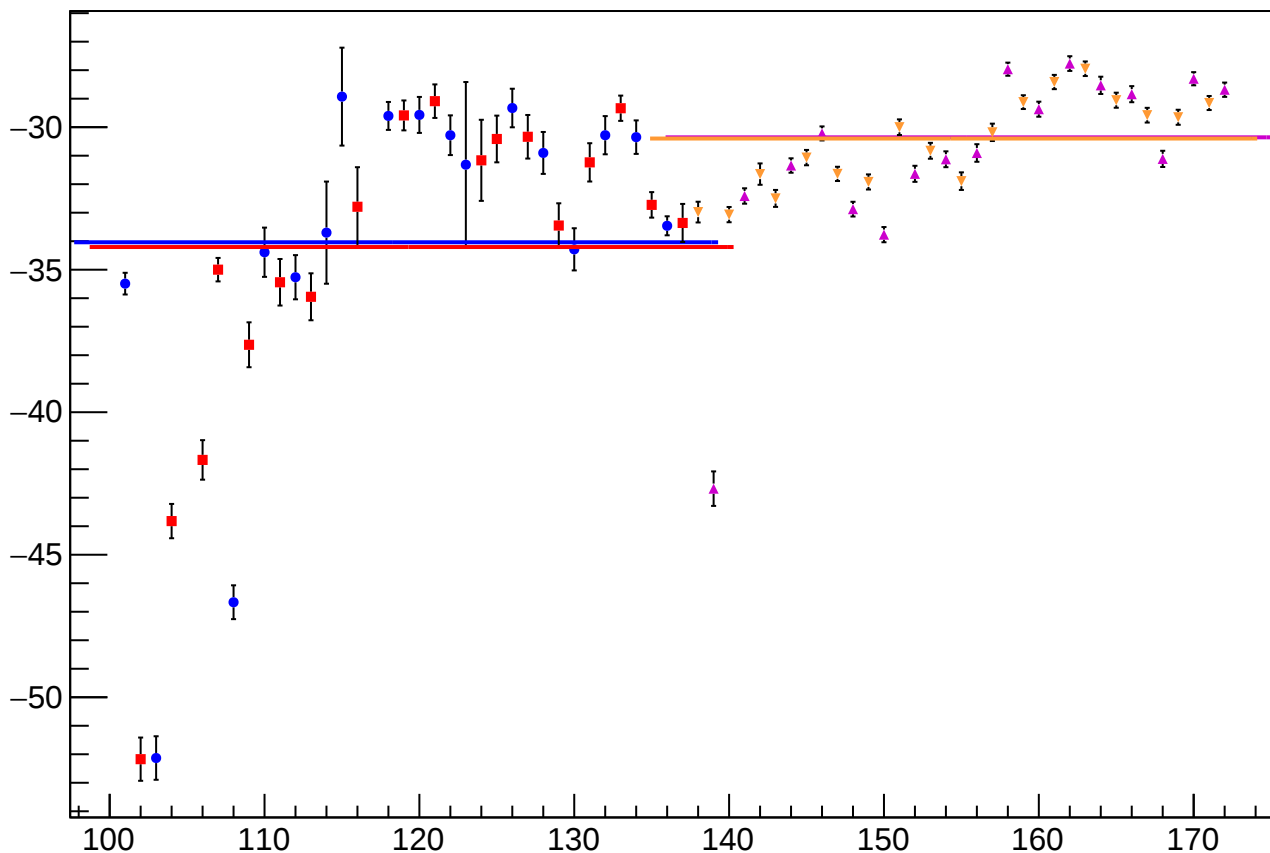
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.704+/-0.088 χ^2/NDF : 1135.3/16

Out: -12.136+/-0.088 χ^2/NDF : 777.8/17

All: -11.920+/-0.062 χ^2/NDF : 1925.2/34

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: -30.398 ± 0.065 χ^2/NDF : 554.9/17

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.356 ± 0.066 χ^2/NDF : 1195.7/16

Left: -30.377 ± 0.046 χ^2/NDF : 1750.7/34

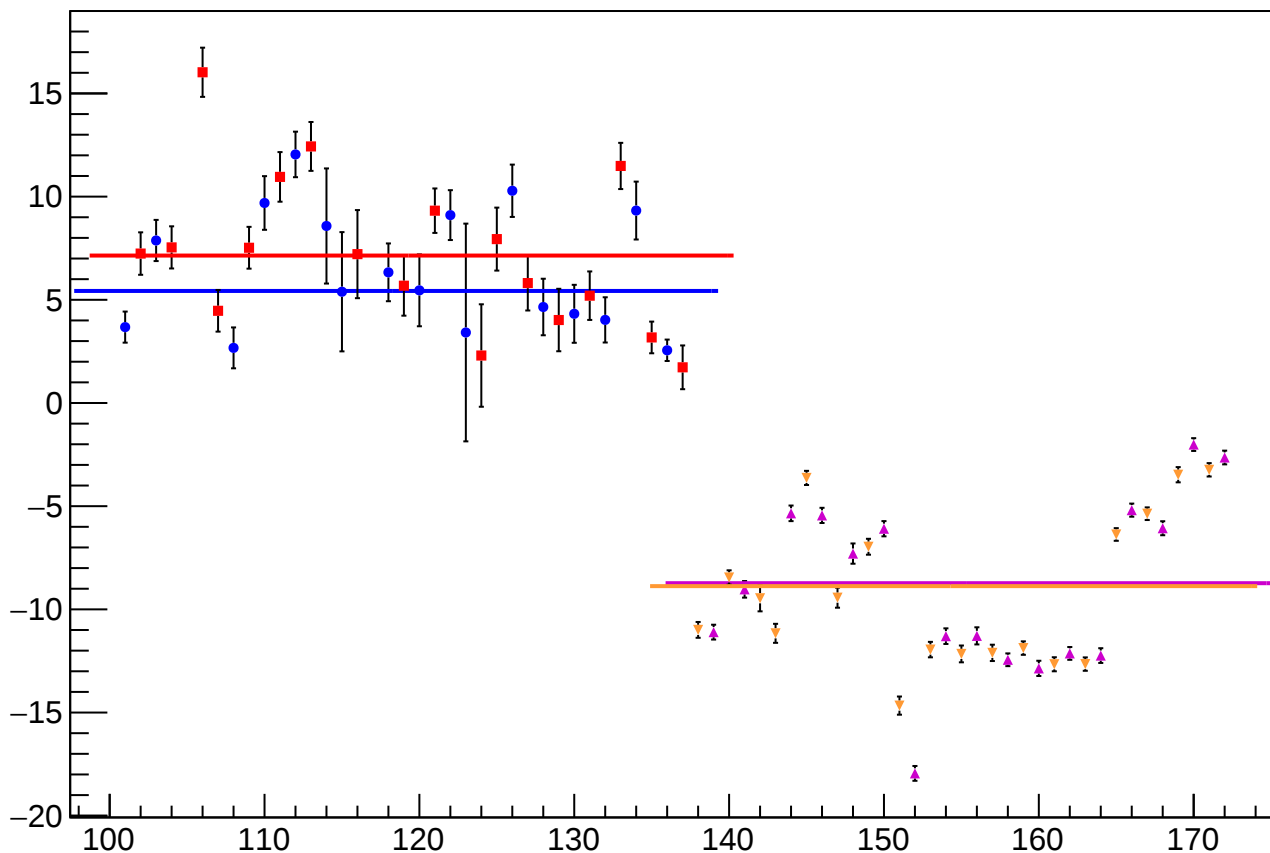
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.942 ± 0.060 χ^2/NDF : 3039.3/33

Out: -30.988 ± 0.059 χ^2/NDF : 2414.0/35

All: -30.965 ± 0.042 χ^2/NDF : 5453.6/69

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.874 ± 0.087 χ^2/NDF : 1746.2/17

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -8.732 ± 0.086 χ^2/NDF : 2483.5/16

Left: -8.802 ± 0.061 χ^2/NDF : 4231.1/34

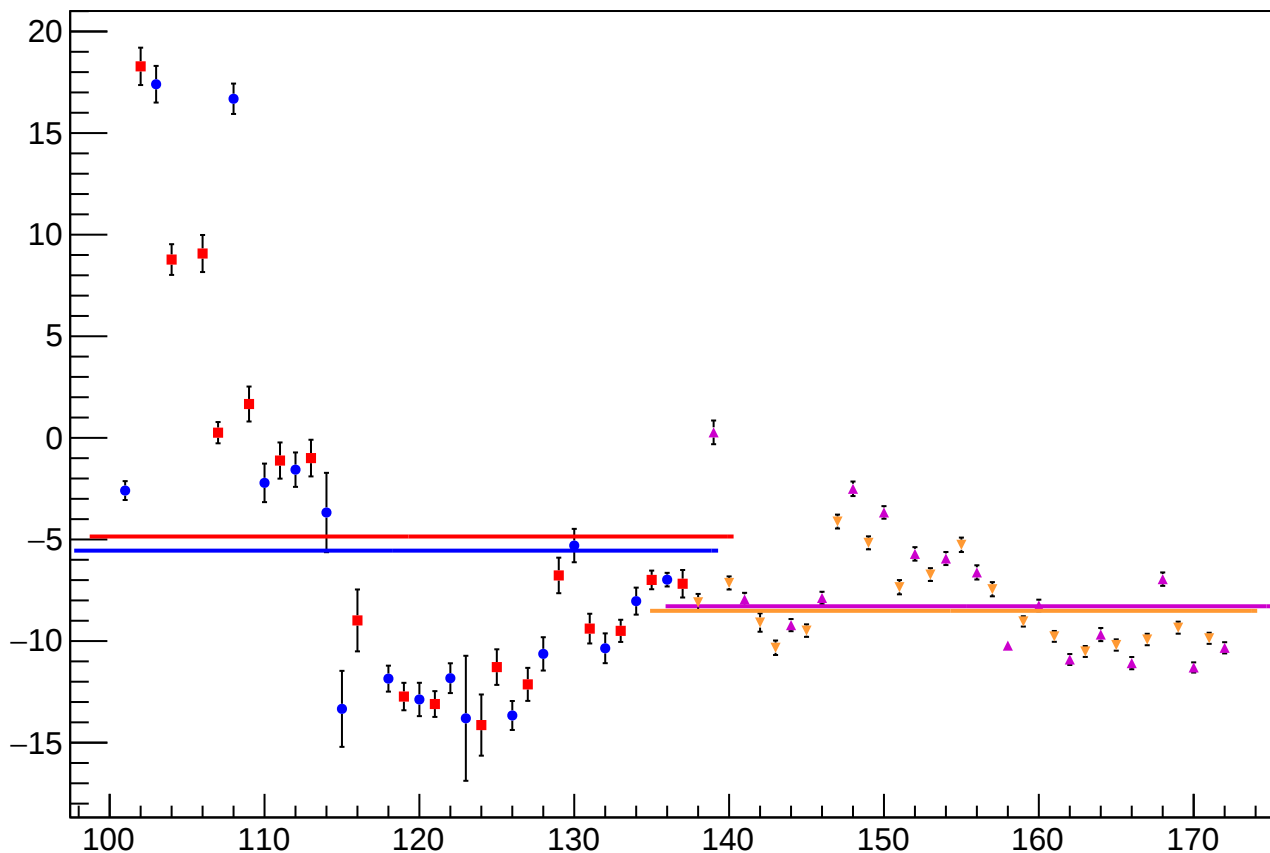
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -7.420 ± 0.082 χ^2/NDF : 5114.1/33

Out: -7.416 ± 0.083 χ^2/NDF : 5009.8/35

All: -7.418 ± 0.058 χ^2/NDF : 10123.9/69

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: -8.512 ± 0.074 χ^2/NDF : 642.4/17

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.287 ± 0.074 χ^2/NDF : 1326.5/16

Left: -8.401 ± 0.052 χ^2/NDF : 1973.5/34

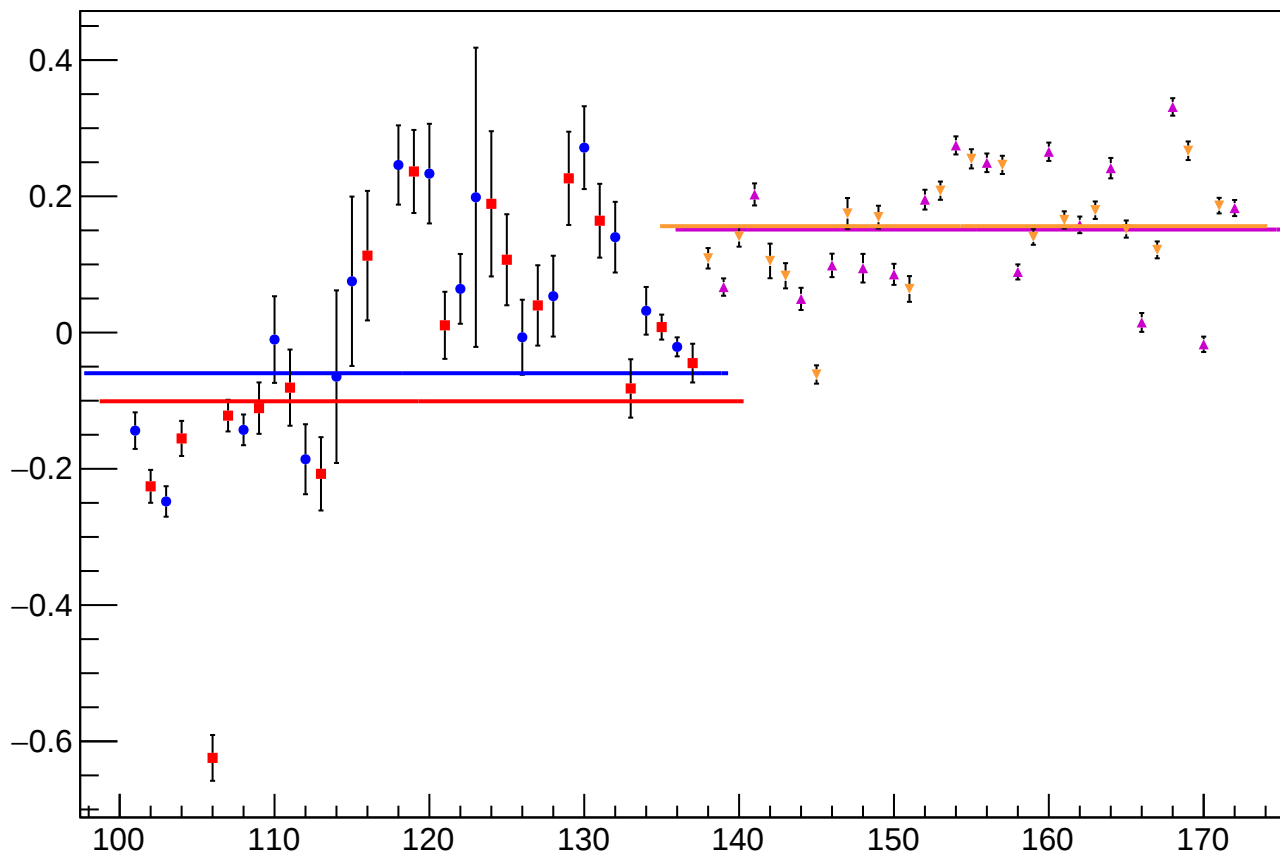
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.849 ± 0.068 χ^2/NDF : 3670.6/33

Out: -7.951 ± 0.068 χ^2/NDF : 3034.7/35

All: -7.900 ± 0.048 χ^2/NDF : 6706.4/69

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: 0.156 ± 0.003 χ^2/NDF : 513.6/17

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.151 ± 0.003 χ^2/NDF : 939.1/16

Left: 0.154 ± 0.002 χ^2/NDF : 1453.8/34

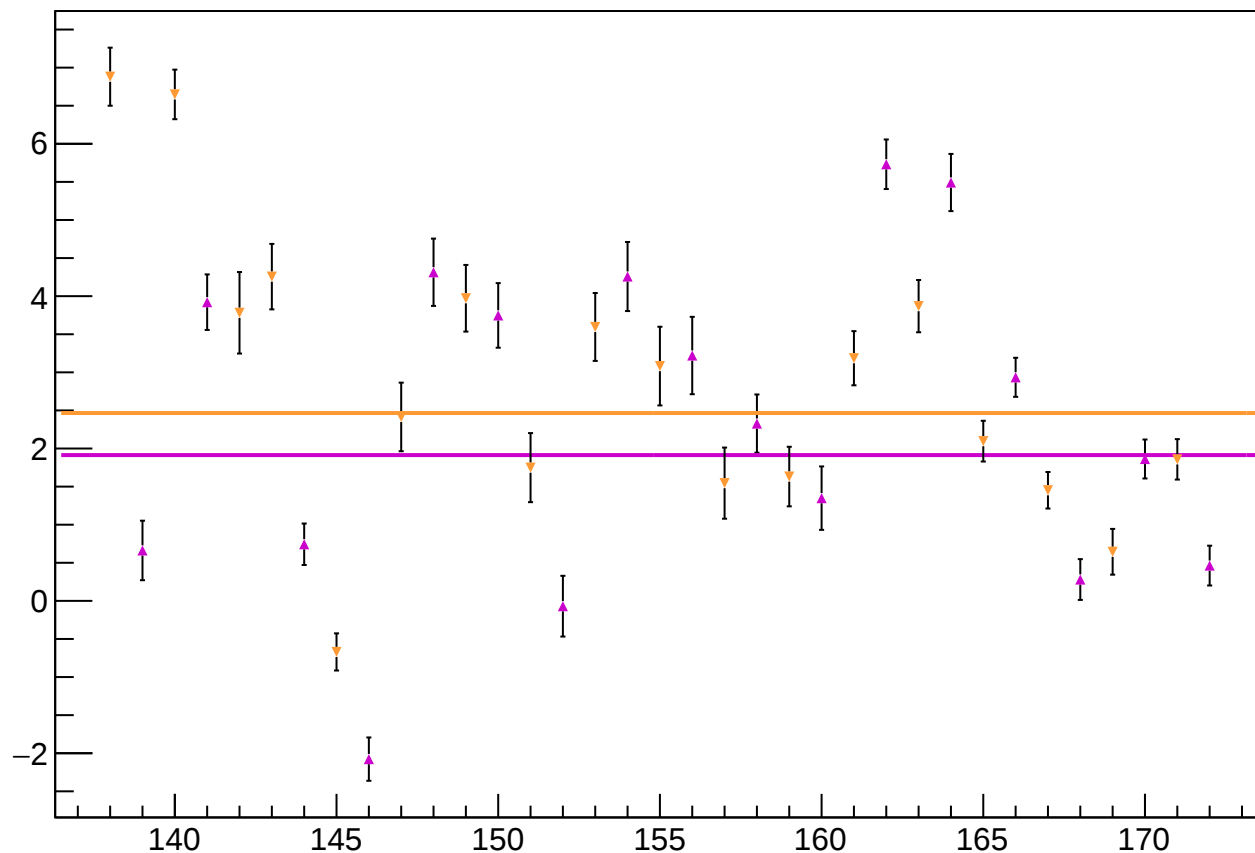
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.123 ± 0.003 χ^2/NDF : 1701.2/33

Out: 0.121 ± 0.003 χ^2/NDF : 1742.3/35

All: 0.122 ± 0.002 χ^2/NDF : 3443.7/69

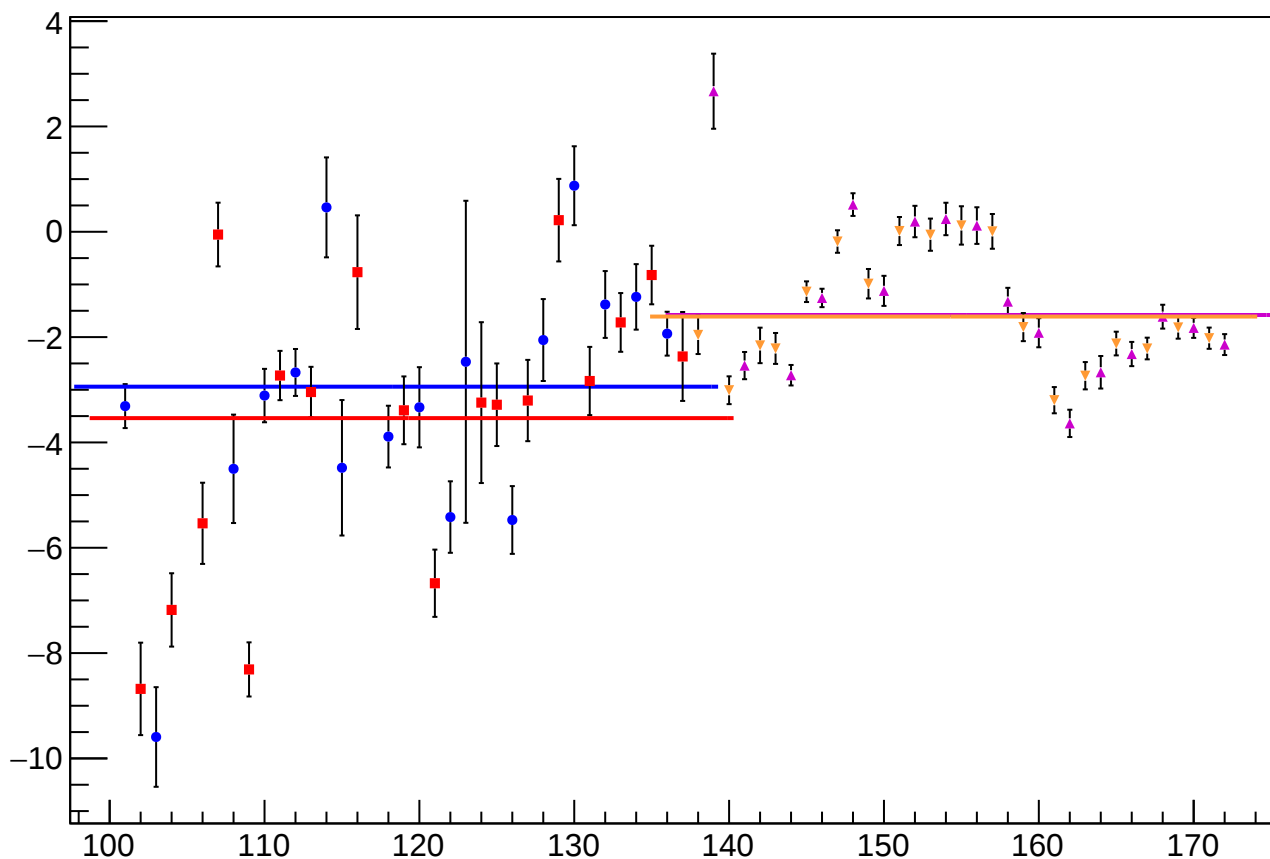
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.466 $\pm$ 0.082 χ^2/NDF :601.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.914 $\pm$ 0.081 χ^2/NDF :677.8/16

Left: 2.186 $\pm$ 0.057 χ^2/NDF : 1302.5/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.914 $\pm$ 0.081 χ^2/NDF :677.8/16
 Out: 2.466 $\pm$ 0.082 χ^2/NDF :601.6/17
 All: 2.186 $\pm$ 0.057 χ^2/NDF : 1302.5/34

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: -1.610 ± 0.060 χ^2/NDF : 279.6/17

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.580 ± 0.059 χ^2/NDF : 376.9/16

Left: -1.595 ± 0.042 χ^2/NDF : 656.7/34

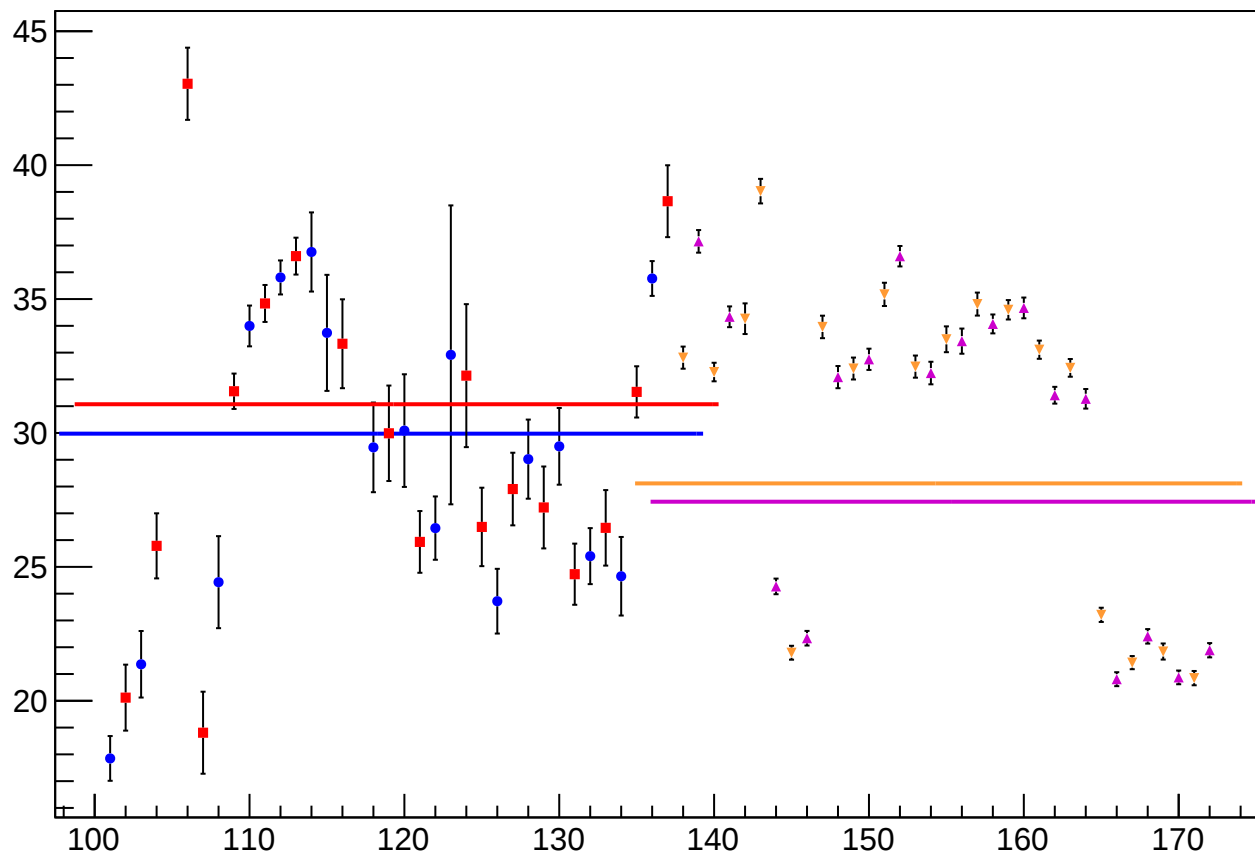
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.755 ± 0.055 χ^2/NDF : 590.4/33

Out: -1.861 ± 0.056 χ^2/NDF : 698.5/35

All: -1.808 ± 0.039 χ^2/NDF : 1290.7/69

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 28.117 ± 0.081 $\chi^2/\text{NDF}: 5560.9/17$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 27.433 ± 0.080 $\chi^2/\text{NDF}: 5542.9/16$

Left: 27.768 ± 0.057 $\chi^2/\text{NDF}: 11139.7/34$

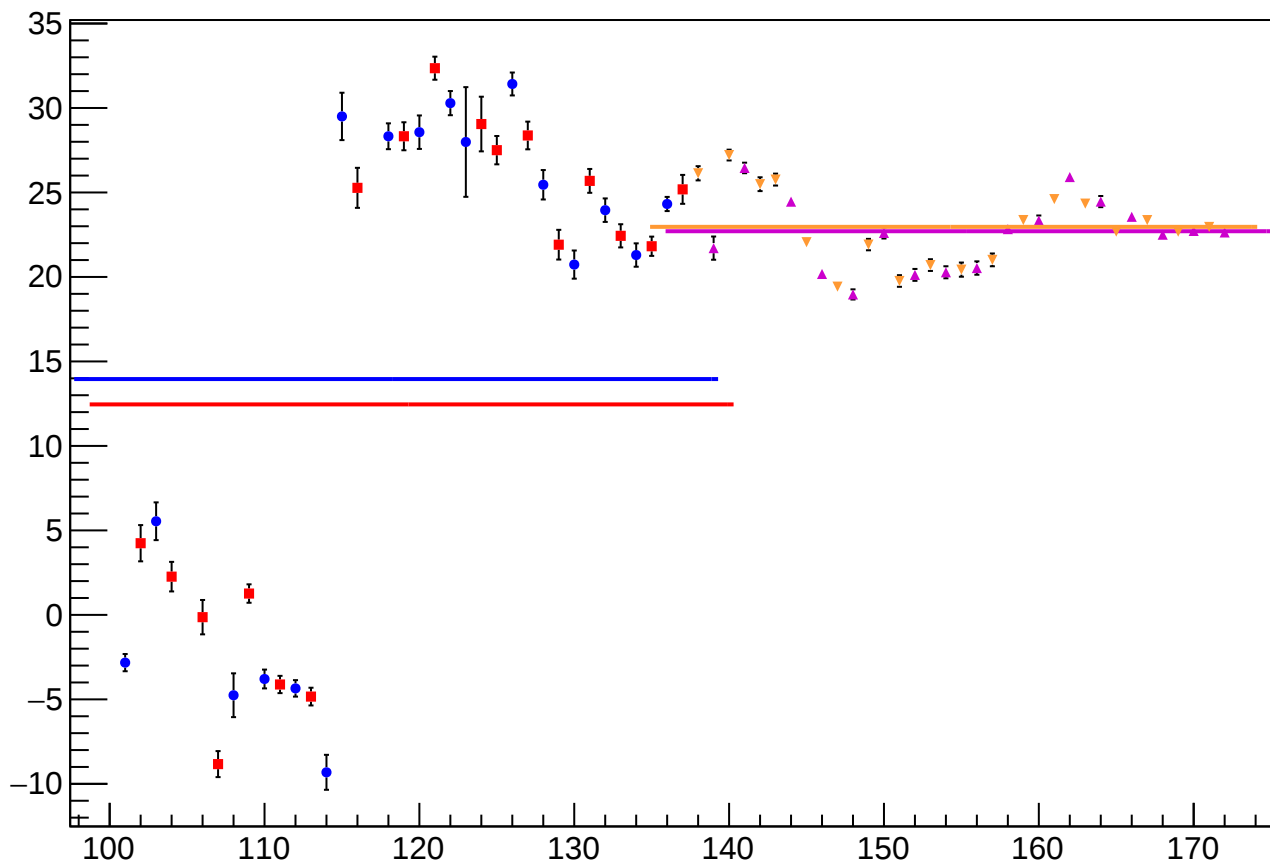
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 27.642 ± 0.077 $\chi^2/\text{NDF}: 6179.8/33$

Out: 28.380 ± 0.078 $\chi^2/\text{NDF}: 6131.6/35$

All: 28.005 ± 0.055 $\chi^2/\text{NDF}: 12357.2/69$

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: 22.966 $\pm$ 0.068 χ^2 /NDF: 767.5/17

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.706 $\pm$ 0.068 χ^2 /NDF: 807.8/16

Left: 22.835 $\pm$ 0.048 χ^2 /NDF: 1582.6/34

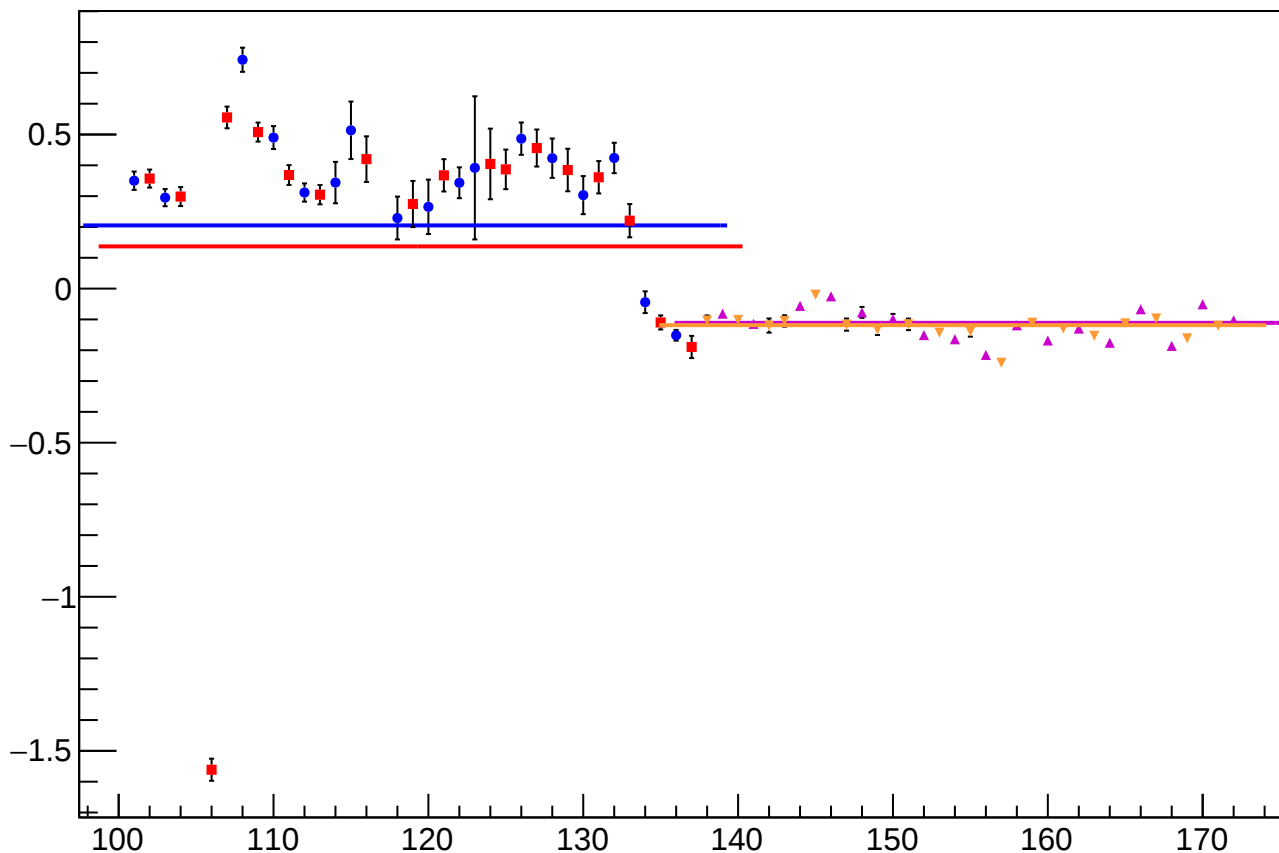
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.529 $\pm$ 0.063 χ^2 /NDF: 10387.8/33

Out: 21.553 $\pm$ 0.064 χ^2 /NDF: 10914.2/35

All: 21.541 $\pm$ 0.045 χ^2 /NDF: 21302.1/69

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: -0.119 ± 0.003 χ^2/NDF : 200.7/17

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.111 ± 0.003 χ^2/NDF : 285.5/16

Left: -0.115 ± 0.002 χ^2/NDF : 489.1/34

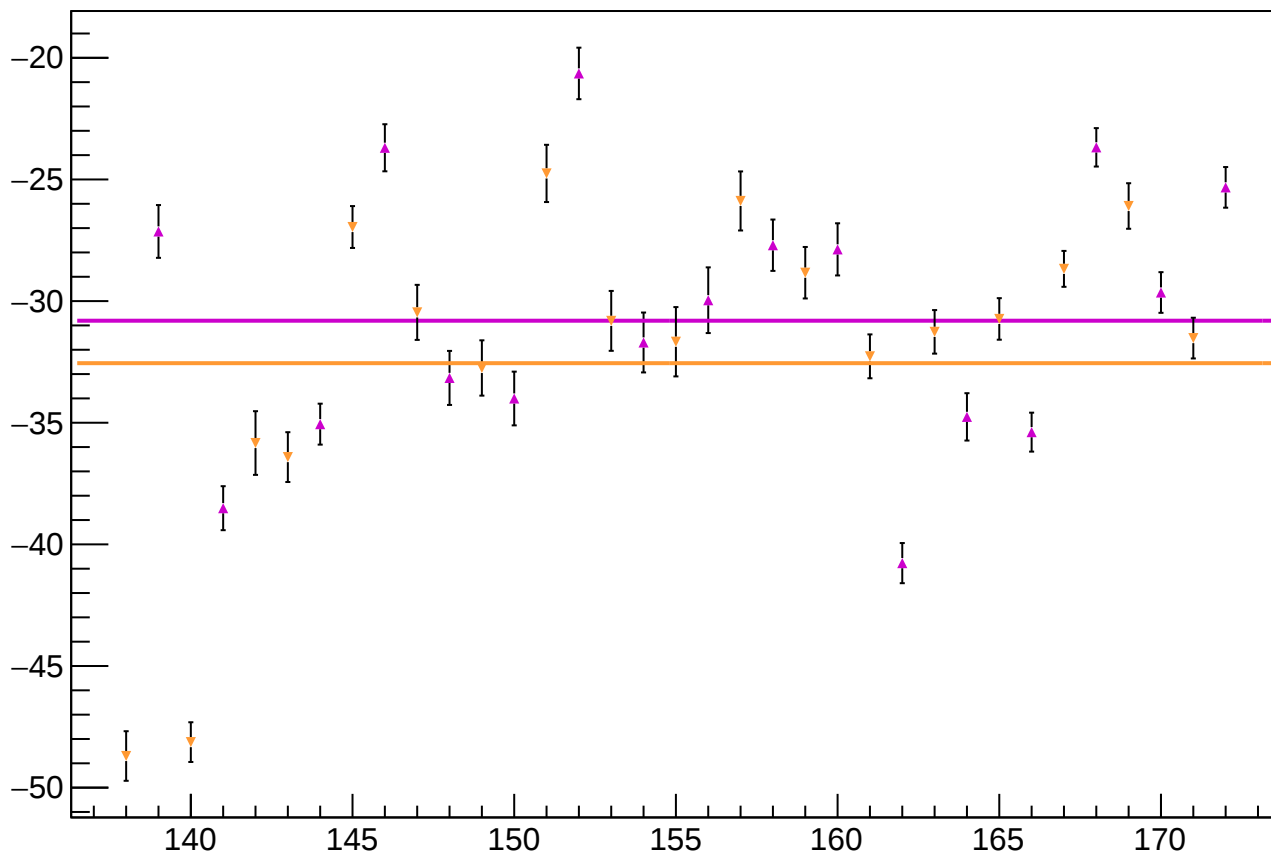
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.080 ± 0.003 χ^2/NDF : 2156.6/33

Out: -0.092 ± 0.003 χ^2/NDF : 3896.8/35

All: -0.086 ± 0.002 χ^2/NDF : 6061.8/69

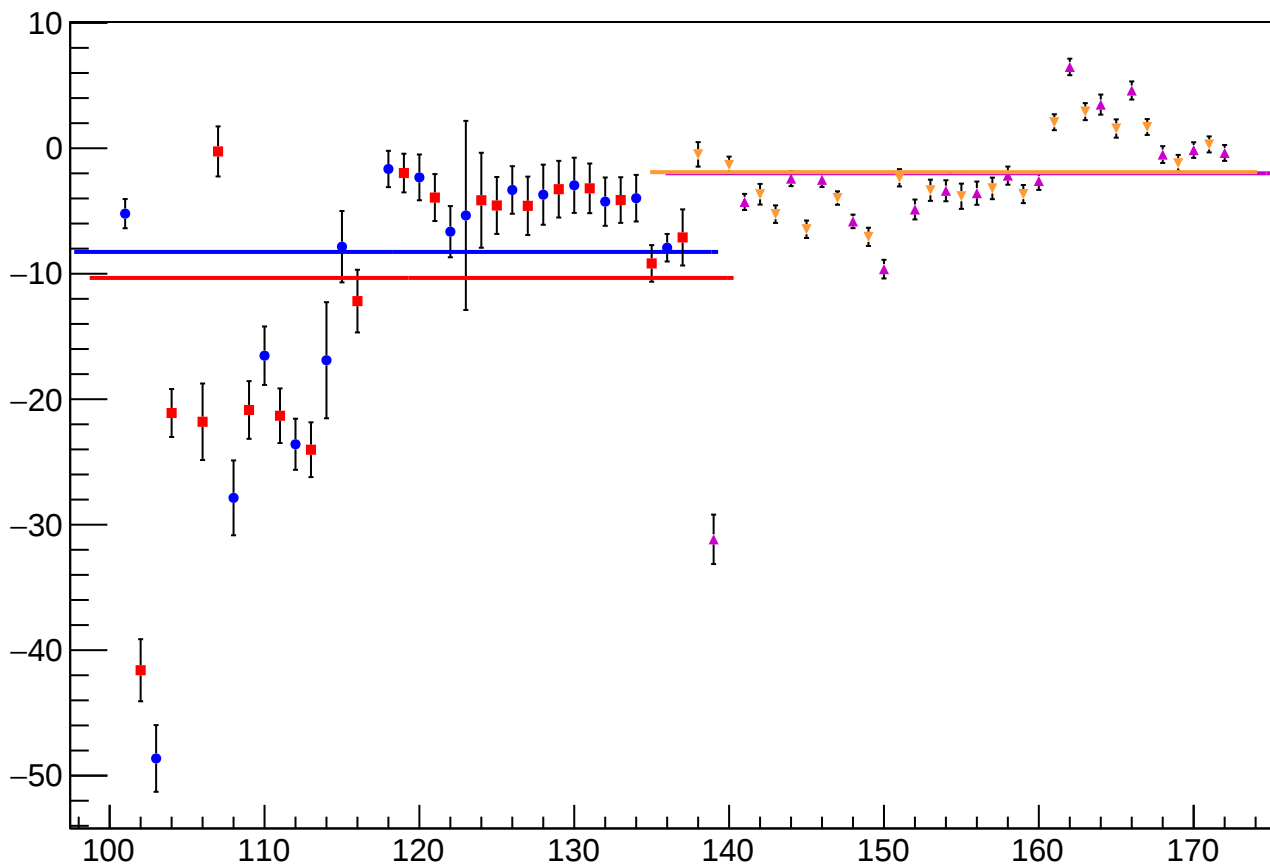
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.552+/-0.232 χ^2/NDF :853.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.806+/-0.232 χ^2/NDF :607.1/16

Left: -31.679+/-0.164 χ^2/NDF : 1488.9/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.806+/-0.232 χ^2/NDF :607.1/16
 Out: -32.552+/-0.232 χ^2/NDF :853.5/17
 All: -31.679+/-0.164 χ^2/NDF : 1488.9/34

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -1.904 ± 0.167 $\chi^2/\text{NDF}: 311.6/17$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -1.994 ± 0.169 $\chi^2/\text{NDF}: 724.8/16$

Left: -1.948 ± 0.119 $\chi^2/\text{NDF}: 1036.5/34$

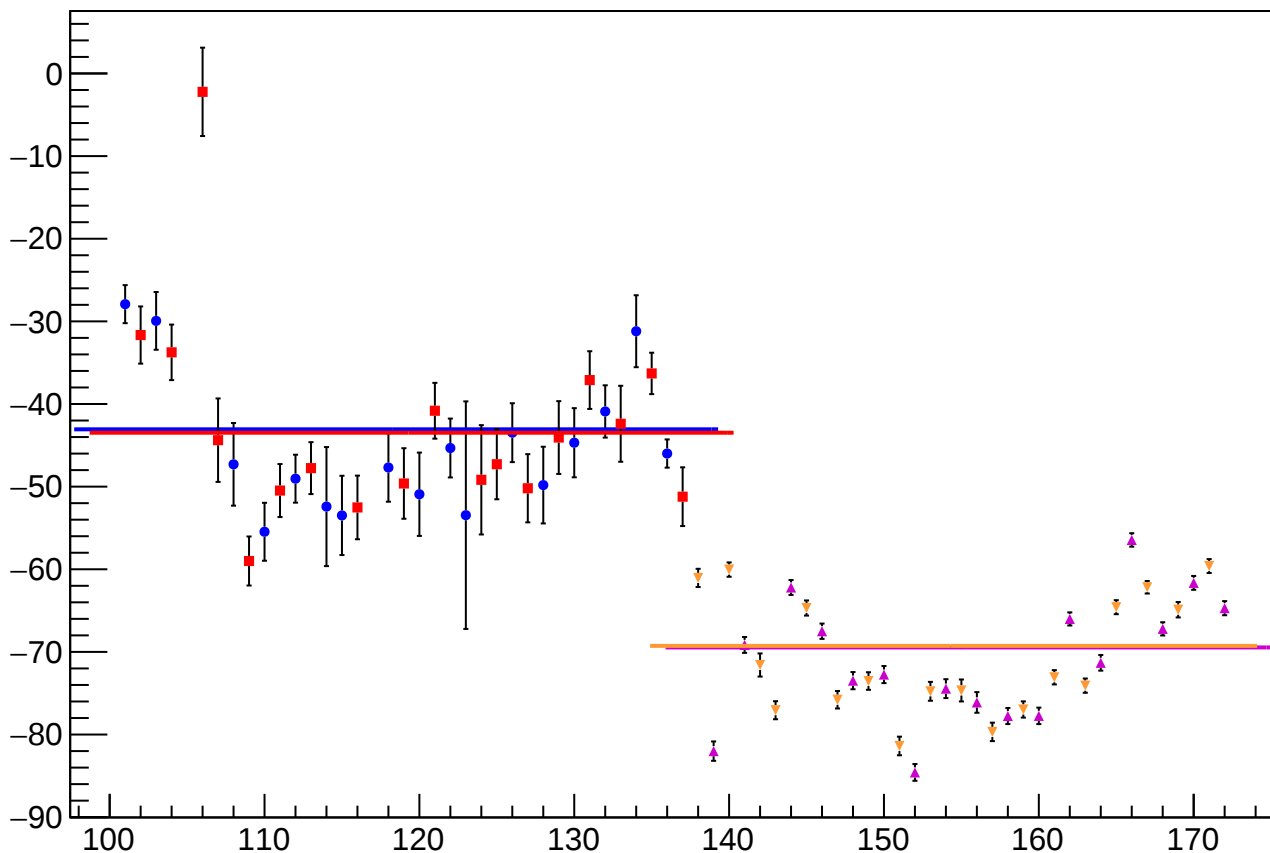
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -2.733 ± 0.159 $\chi^2/\text{NDF}: 1298.6/33$

Out: -2.779 ± 0.158 $\chi^2/\text{NDF}: 986.5/35$

All: -2.756 ± 0.112 $\chi^2/\text{NDF}: 2285.2/69$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

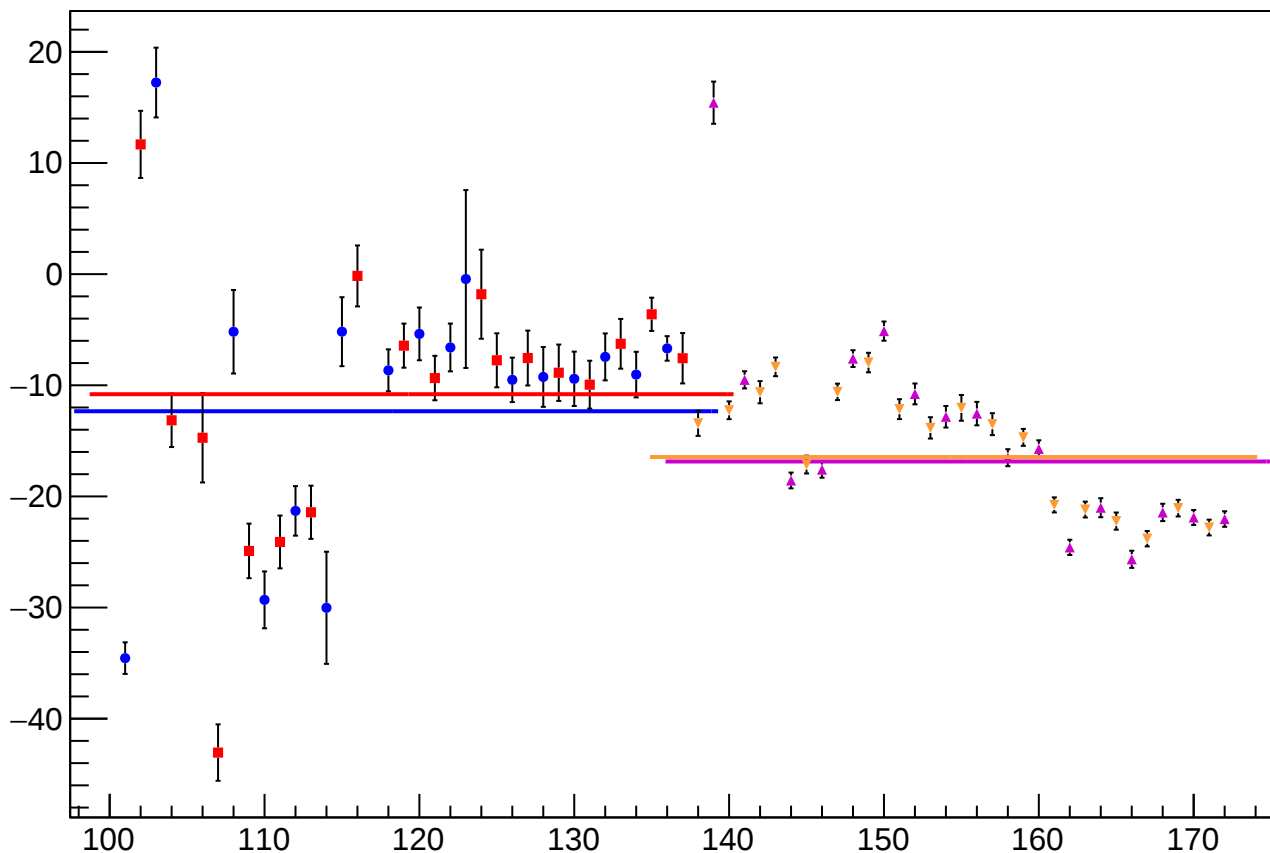


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -69.270 ± 0.231 $\chi^2/\text{NDF}: 927.0/17$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -69.459 ± 0.229 $\chi^2/\text{NDF}: 1024.4/16$

Left: -69.365 ± 0.162 $\chi^2/\text{NDF}: 1951.8/34$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -67.614 ± 0.221 $\chi^2/\text{NDF}: 2052.1/33$
 Out: -67.572 ± 0.223 $\chi^2/\text{NDF}: 1893.1/35$

All: -67.593 ± 0.157 $\chi^2/\text{NDF}: 3945.2/69$

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: -16.457 ± 0.193 χ^2/NDF : 749.0/17

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -16.859 ± 0.194 χ^2/NDF : 1224.7/16

Left: -16.656 ± 0.137 χ^2/NDF : 1975.9/34

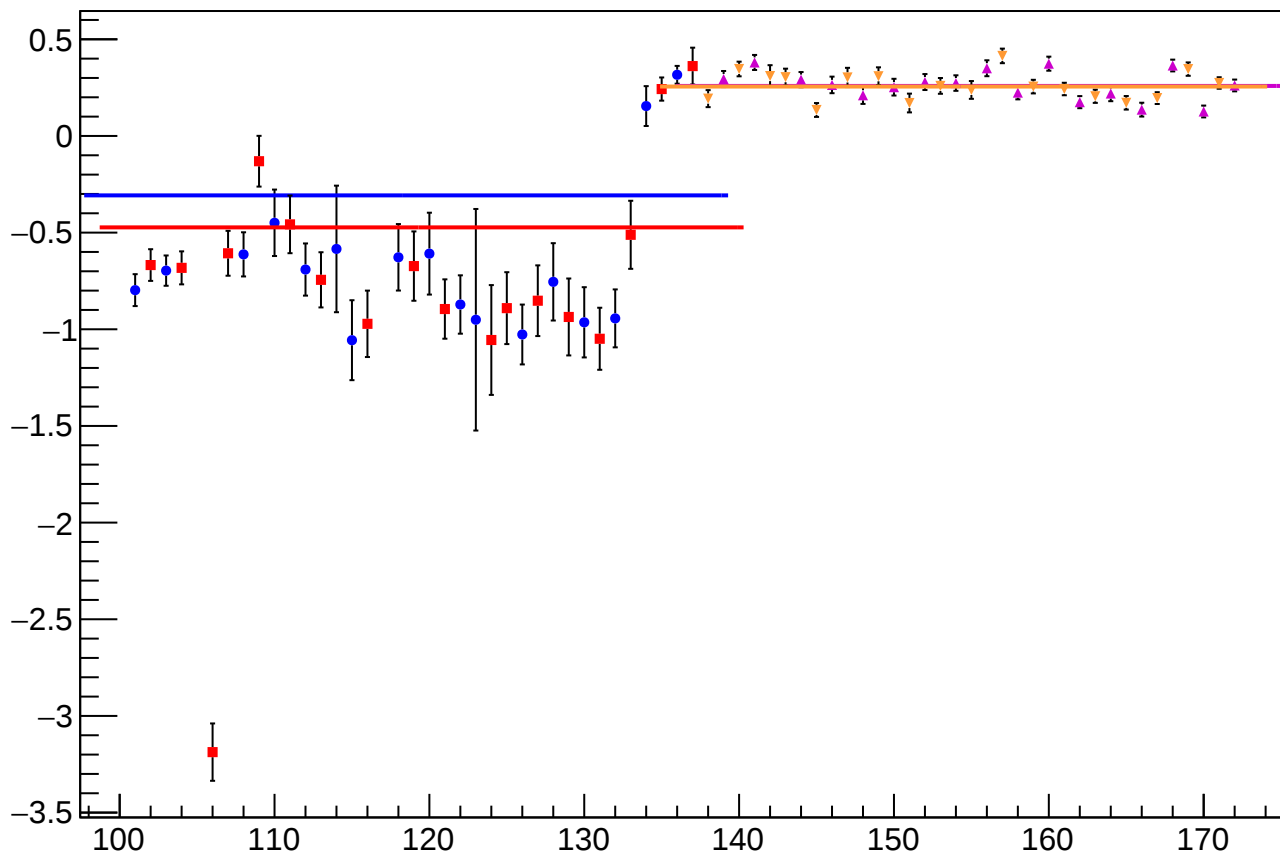
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -16.305 ± 0.182 χ^2/NDF : 1766.1/33

Out: -15.847 ± 0.182 χ^2/NDF : 1203.4/35

All: -16.075 ± 0.129 χ^2/NDF : 2972.7/69

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: 0.256 ± 0.009 χ^2/NDF : 63.5/17

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/16

Left: 0.257 ± 0.006 χ^2/NDF : 142.9/34

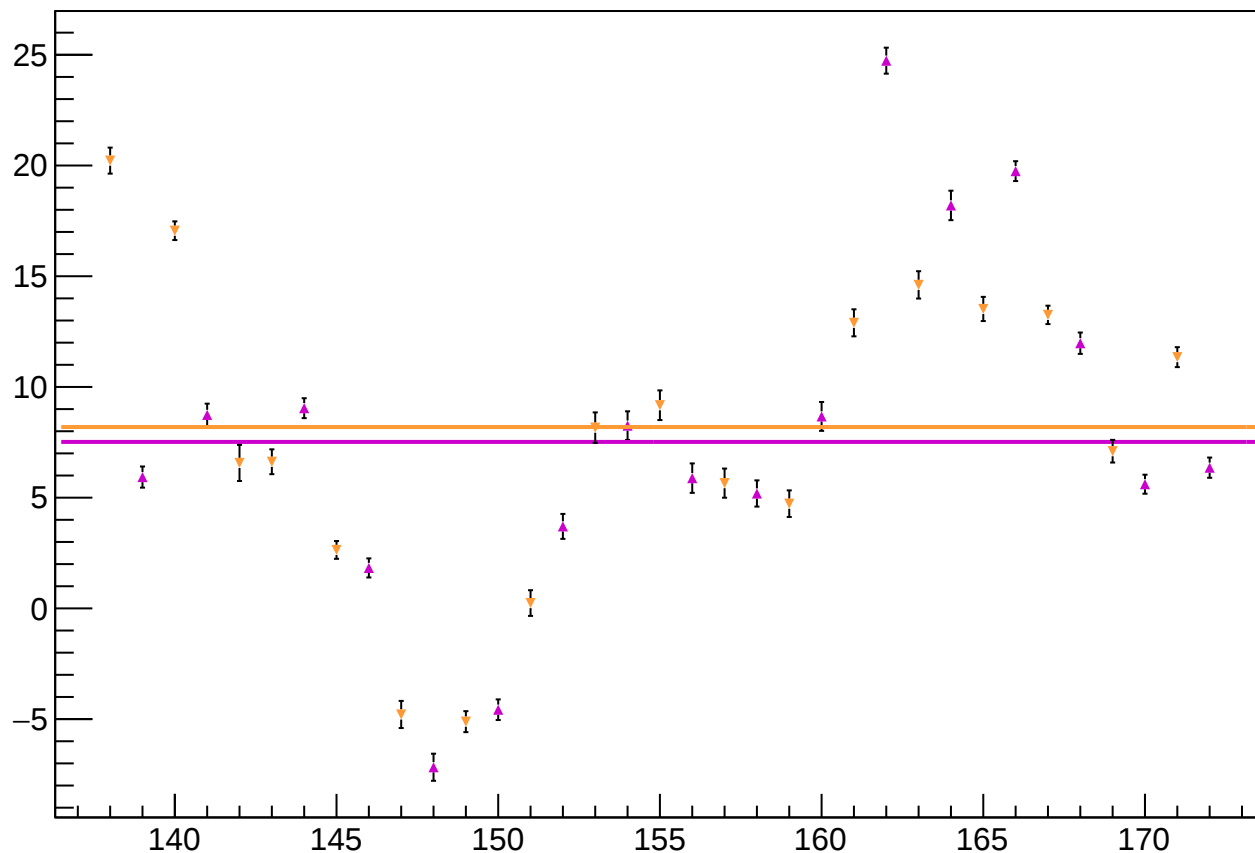
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.205 ± 0.009 χ^2/NDF : 834.0/33

Out: 0.190 ± 0.009 χ^2/NDF : 1279.8/35

All: 0.197 ± 0.006 χ^2/NDF : 2115.3/69

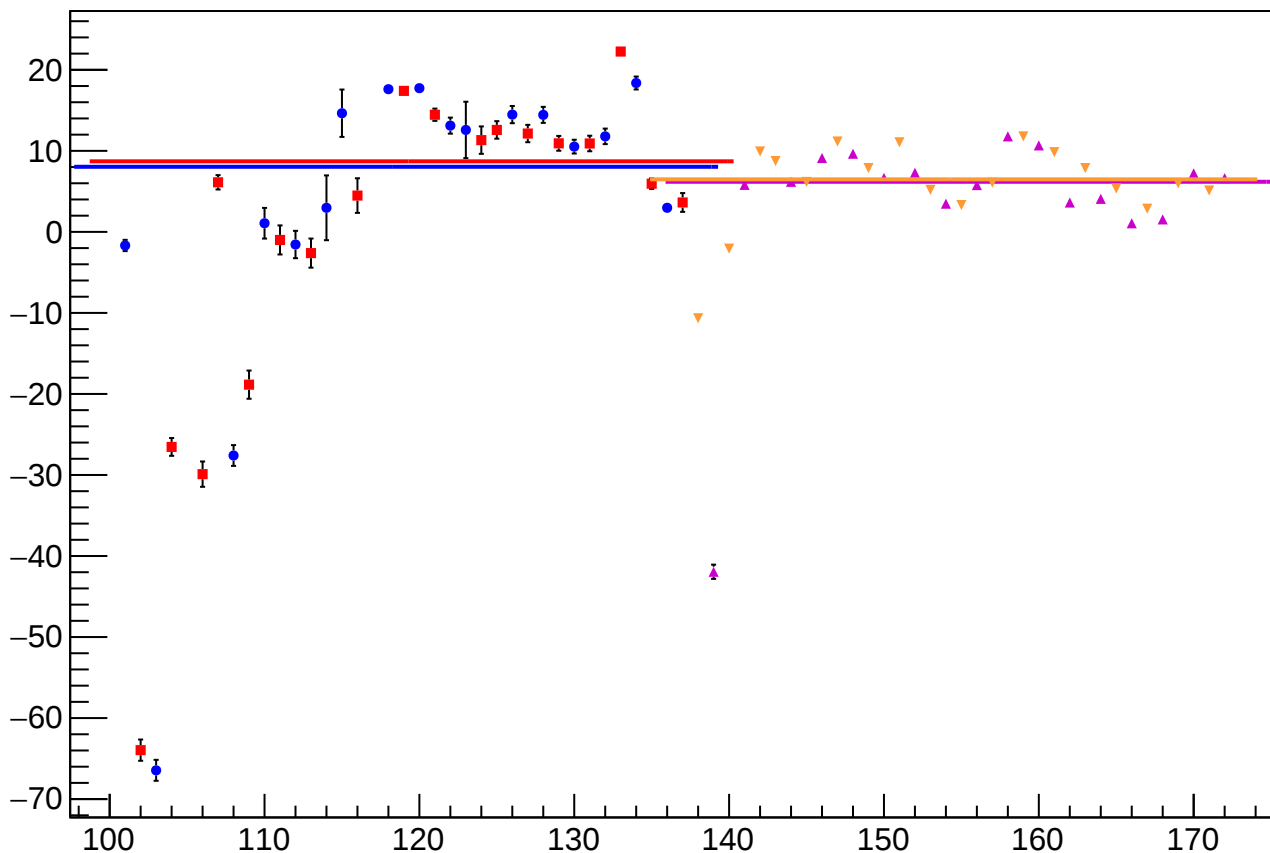
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.518+/-0.125 χ^2/NDF :3497.7/16

Left: 7.850+/-0.089 χ^2/NDF : 6516.4/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.518+/-0.125 χ^2/NDF :3497.7/16
 Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 All: 7.850+/-0.089 χ^2/NDF : 6516.4/34

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: 6.483 ± 0.092 χ^2/NDF : 2368.0/17

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.185 ± 0.092 χ^2/NDF : 3927.7/16

Left: 6.335 ± 0.065 χ^2/NDF : 6301.0/34

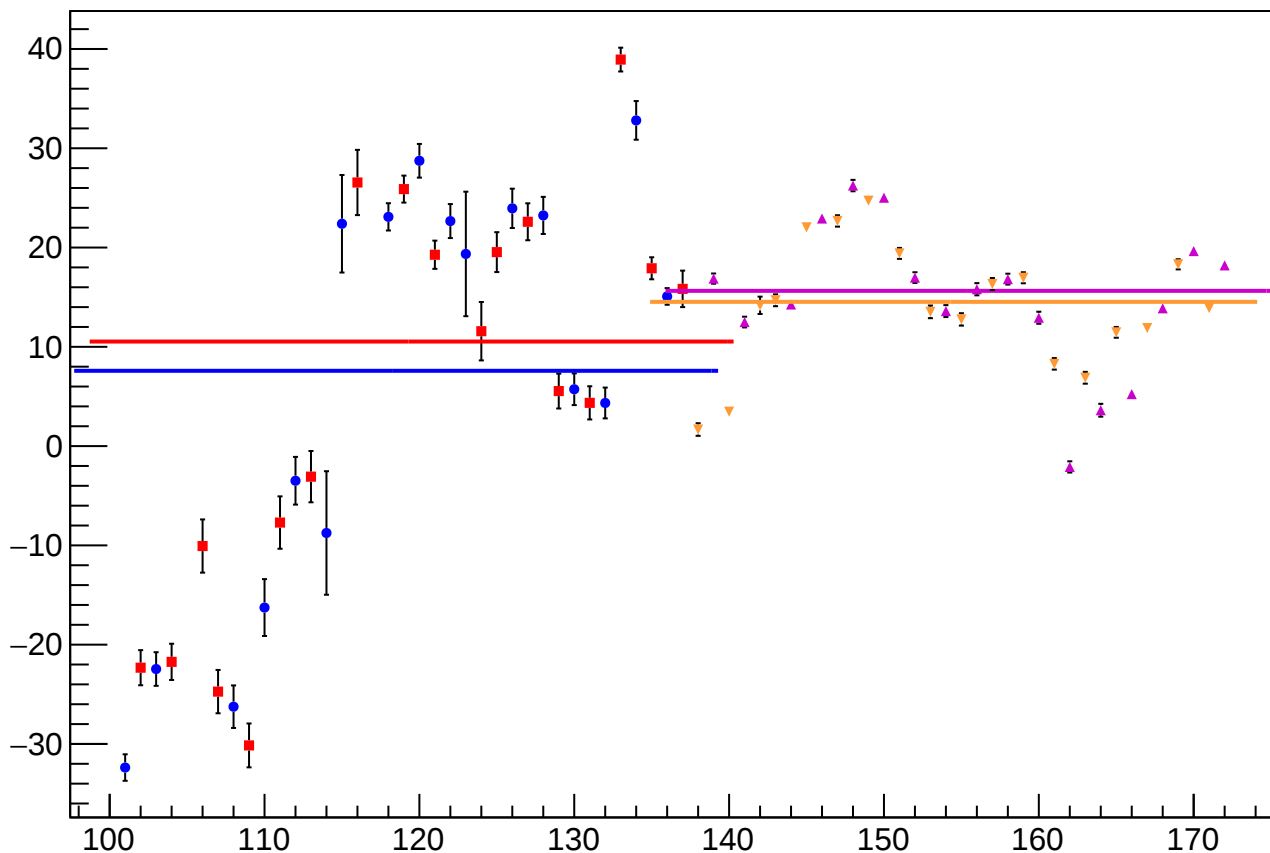
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.472 ± 0.085 χ^2/NDF : 9360.4/33

Out: 6.830 ± 0.084 χ^2/NDF : 8750.2/35

All: 6.653 ± 0.060 χ^2/NDF : 18119.5/69

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: 14.531 ± 0.126 $\chi^2/\text{NDF}: 2580.2/17$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 15.638 ± 0.124 $\chi^2/\text{NDF}: 3181.4/16$

Left: 15.094 ± 0.088 $\chi^2/\text{NDF}: 5800.8/34$

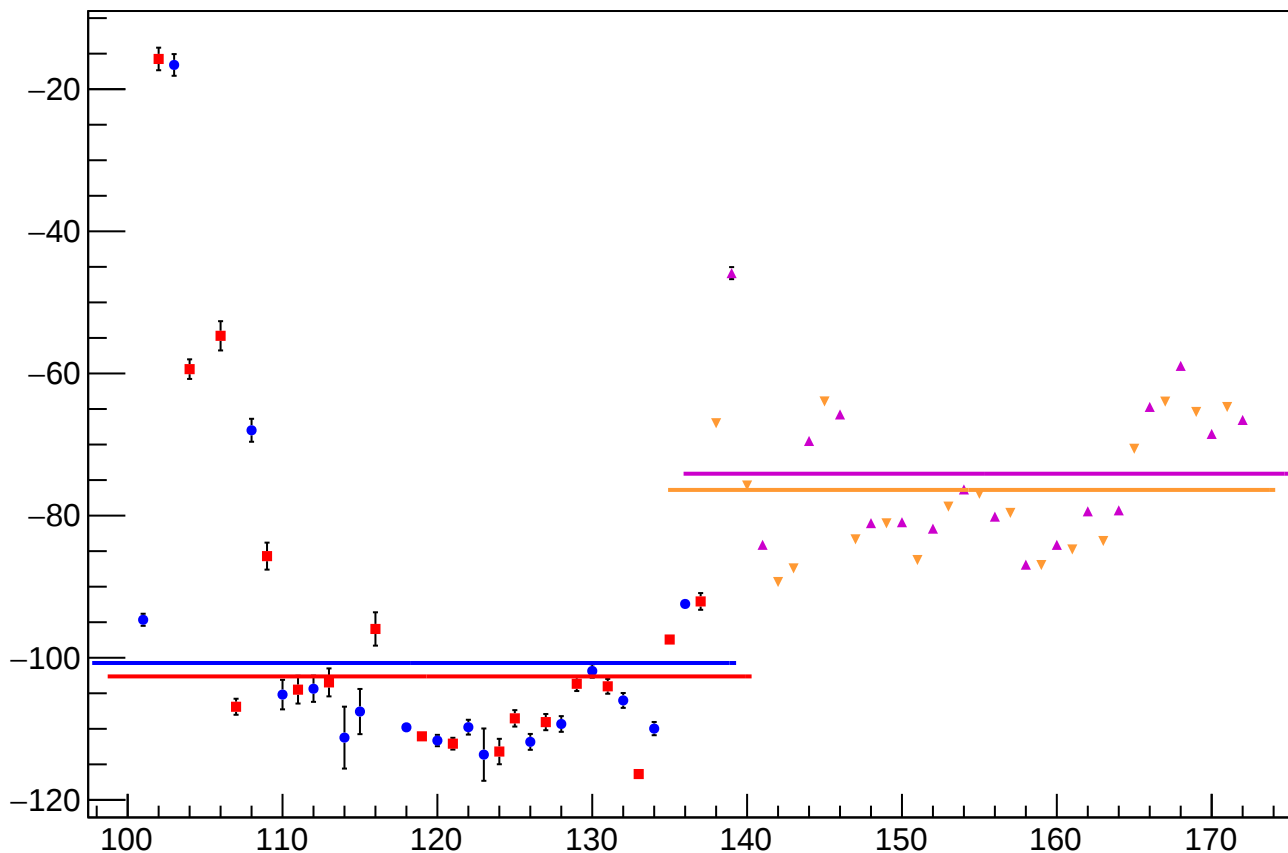
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 14.982 ± 0.119 $\chi^2/\text{NDF}: 5847.9/33$

Out: 14.197 ± 0.121 $\chi^2/\text{NDF}: 4943.7/35$

All: 14.596 ± 0.085 $\chi^2/\text{NDF}: 10813.1/69$

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: -76.385 ± 0.106 χ^2/NDF : 7239.2/17

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -74.105 ± 0.106 χ^2/NDF : 7054.4/16

Left: -75.247 ± 0.075 χ^2/NDF : 14524.1/34

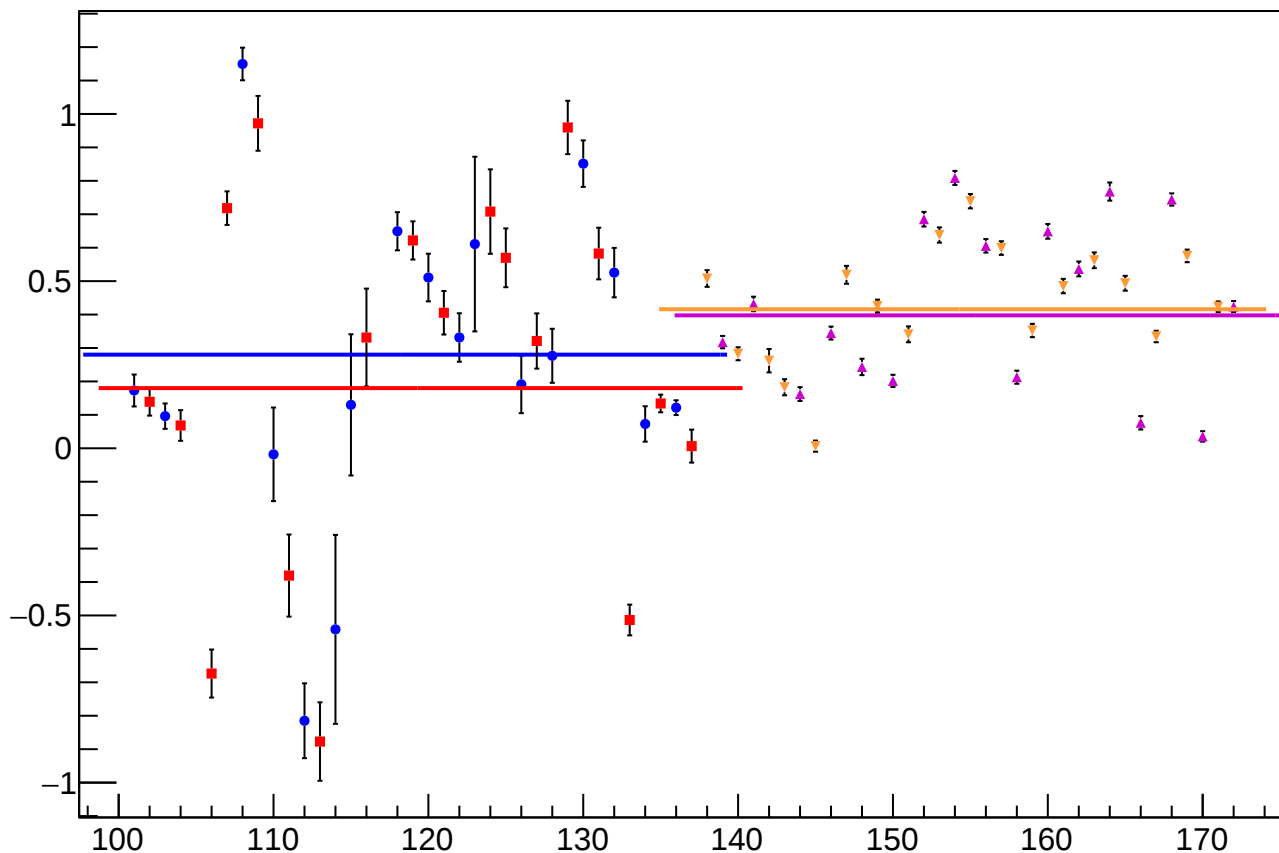
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -78.231 ± 0.098 χ^2/NDF : 21295.5/33

Out: -80.500 ± 0.097 χ^2/NDF : 22540.4/35

All: -79.369 ± 0.069 χ^2/NDF : 44106.1/69

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: 0.416 ± 0.005 χ^2/NDF : 1367.3/17

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.398 ± 0.005 χ^2/NDF : 2563.8/16

Left: 0.407 ± 0.003 χ^2/NDF : 3938.1/34

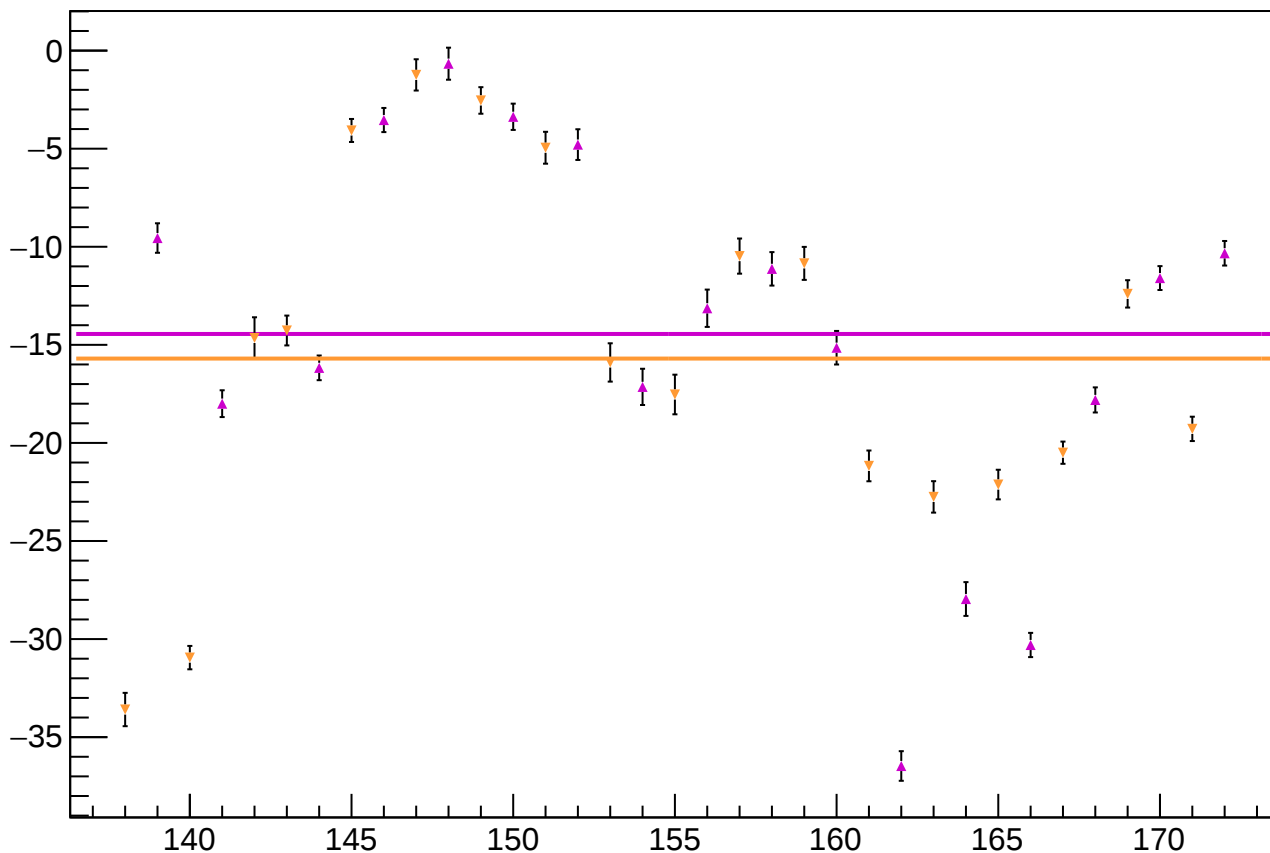
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.384 ± 0.005 χ^2/NDF : 3287.6/33

Out: 0.388 ± 0.005 χ^2/NDF : 2574.5/35

All: 0.386 ± 0.003 χ^2/NDF : 5862.4/69

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected

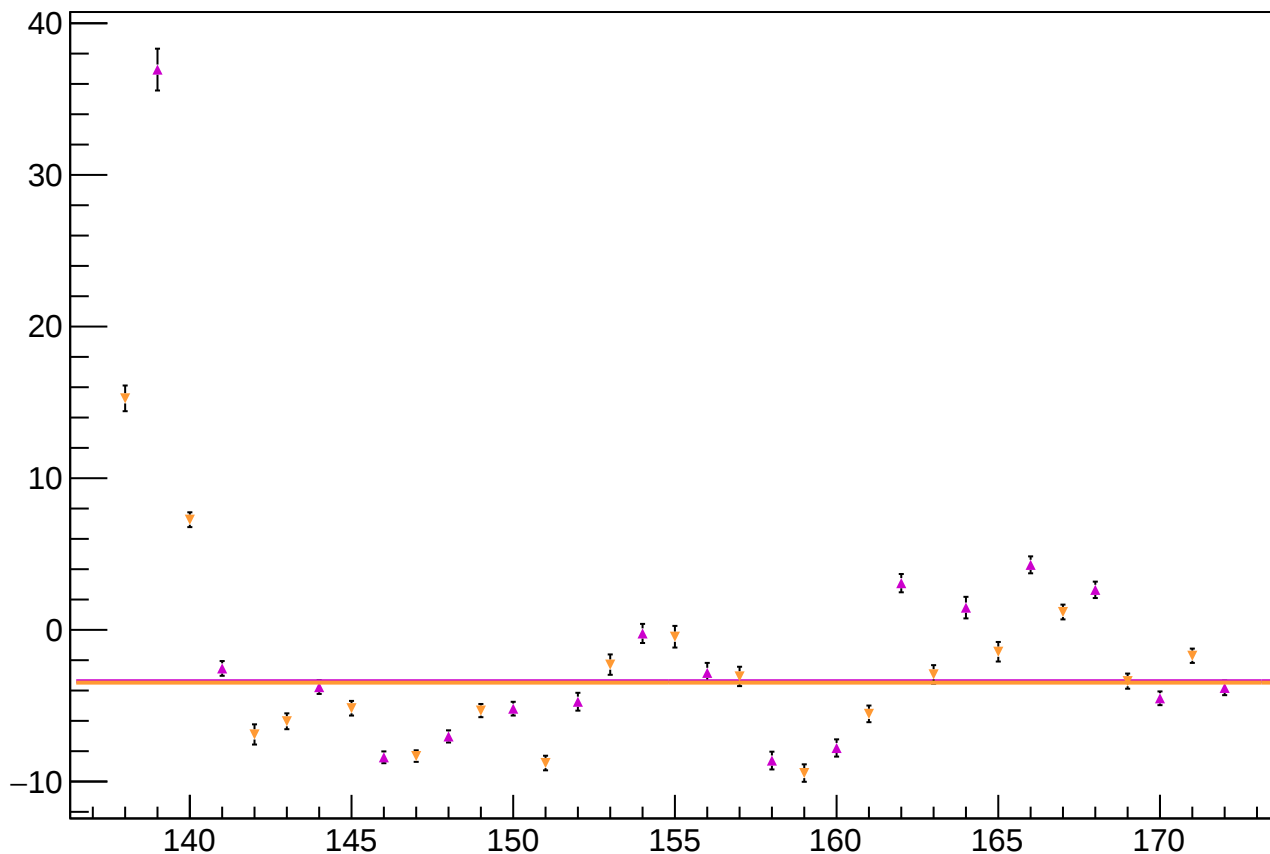


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.700+/-0.176 χ^2/NDF : 2773.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.446+/-0.174 χ^2/NDF : 2975.7/16

Left: -15.068+/-0.124 χ^2/NDF : 5775.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -14.446+/-0.174 χ^2/NDF : 2975.7/16
 Out: -15.700+/-0.176 χ^2/NDF : 2773.9/17

All: -15.068+/-0.124 χ^2/NDF : 5775.3/34

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: -3.478+/-0.126 χ^2/NDF :1594.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.387+/-0.127 χ^2/NDF :1774.7/16

Left: -3.433+/-0.090 χ^2/NDF : 3369.1/34

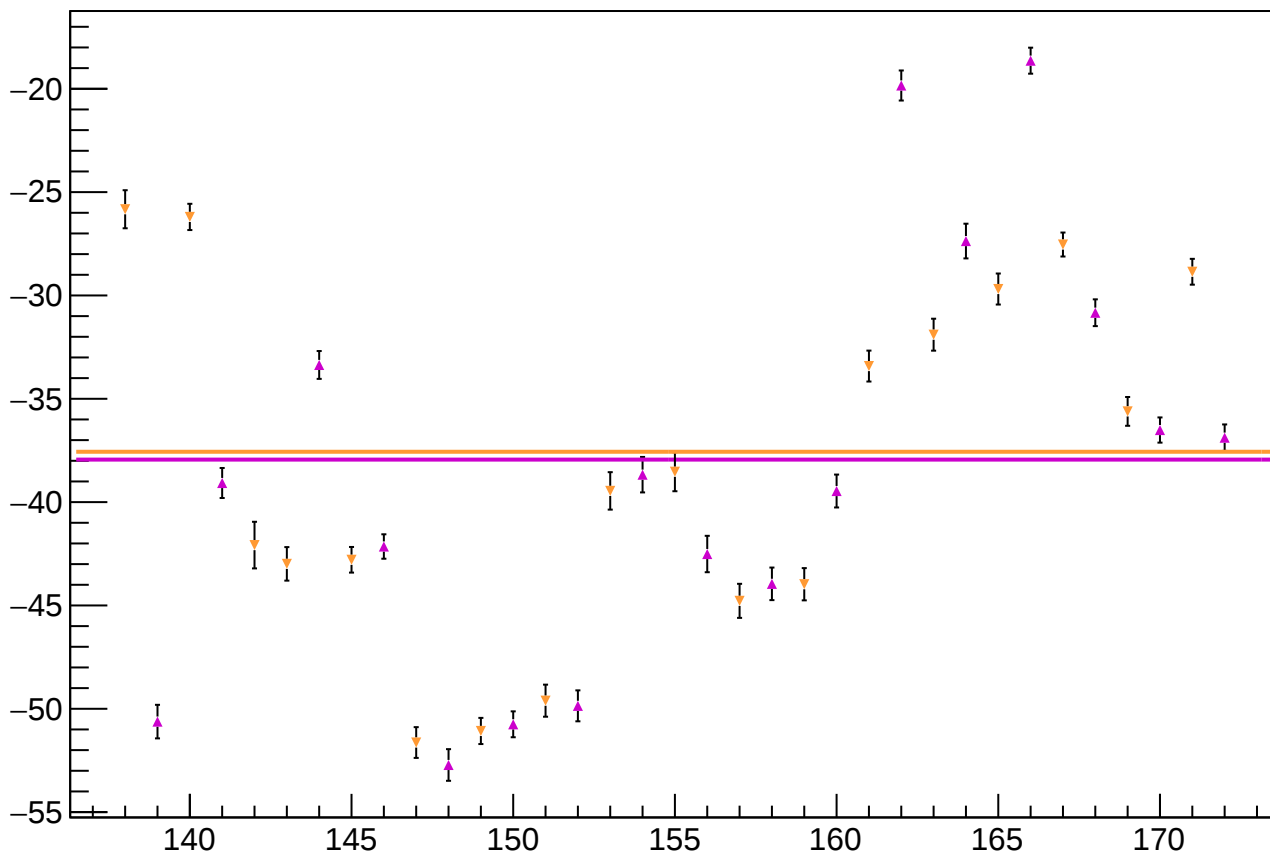
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.387+/-0.127 χ^2/NDF :1774.7/16

Out: -3.478+/-0.126 χ^2/NDF :1594.1/17

All: -3.433+/-0.090 χ^2/NDF : 3369.1/34

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -37.563+/-0.175 χ^2/NDF : 2513.3/17

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

Left In: -37.943+/-0.172 χ^2/NDF : 3323.7/16

Left: -37.755+/-0.123 χ^2/NDF : 5839.4/34

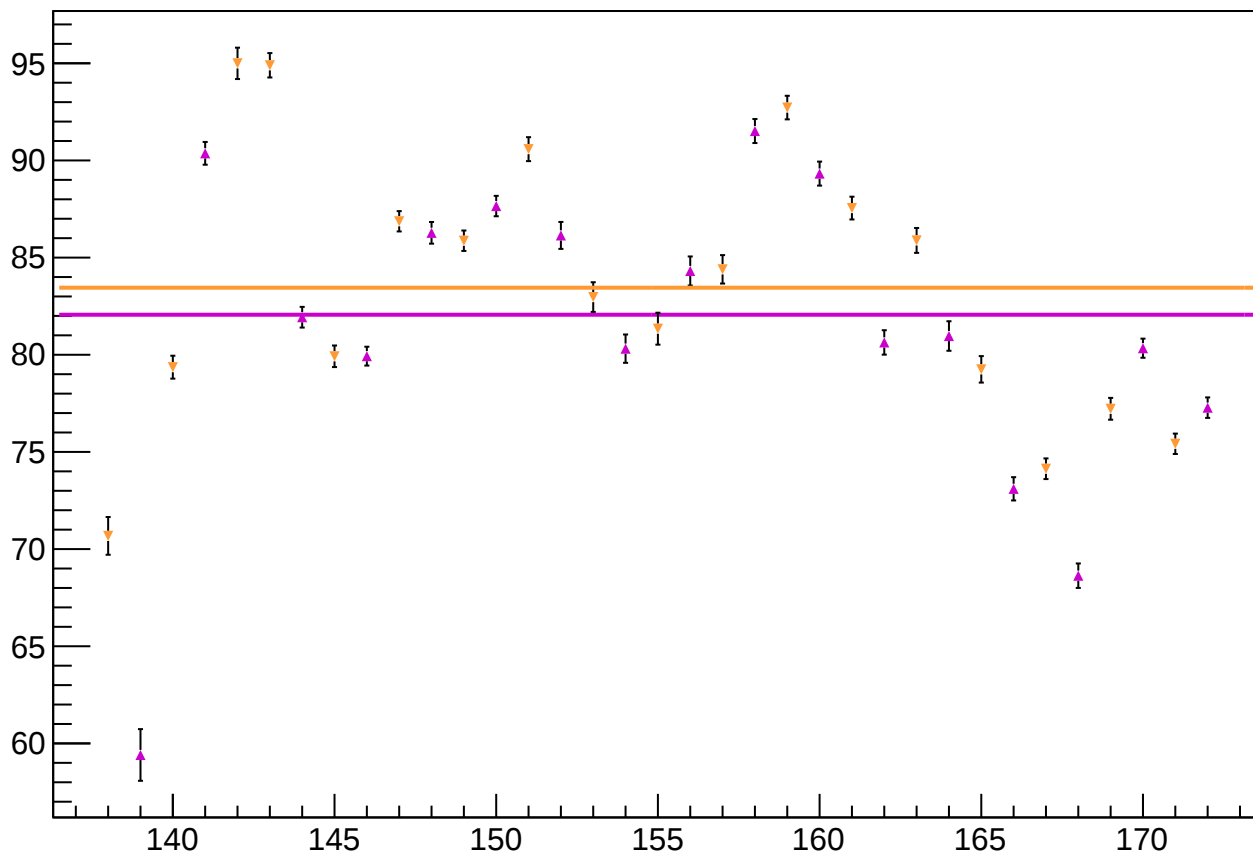
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.943+/-0.172 χ^2/NDF : 3323.7/16

Out: -37.563+/-0.175 χ^2/NDF : 2513.3/17

All: -37.755+/-0.123 χ^2/NDF : 5839.4/34

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: 83.451+/-0.146 χ^2/NDF :2004.2/17

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

Left In: 82.061+/-0.147 χ^2/NDF :1884.5/16

Left: 82.759+/-0.104 χ^2/NDF : 3933.8/34

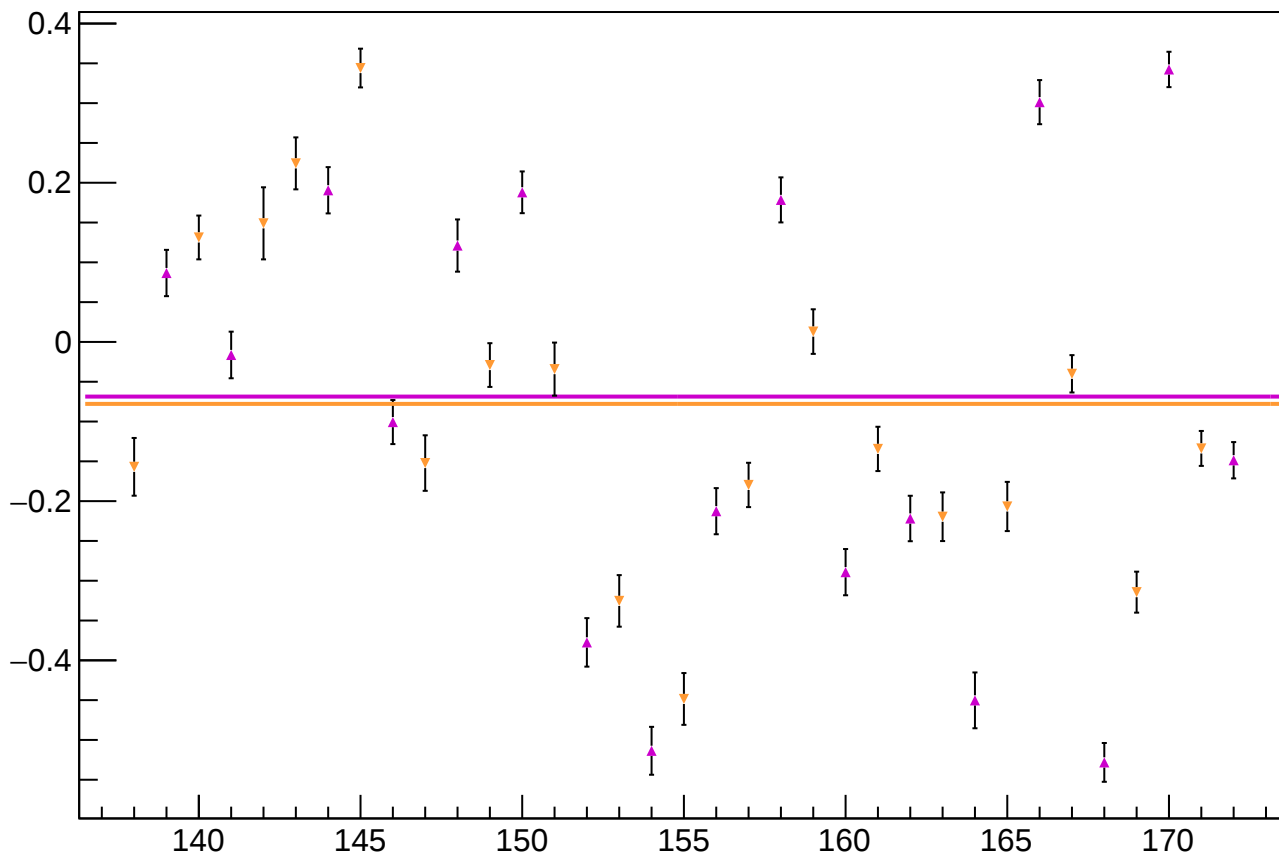
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.061+/-0.147 χ^2/NDF :1884.5/16

Out: 83.451+/-0.146 χ^2/NDF :2004.2/17

All: 82.759+/-0.104 χ^2/NDF : 3933.8/34

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.078 $\pm$ 0.007 χ^2 /NDF:831.7/17

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

Left In: -0.069 $\pm$ 0.007 χ^2 /NDF:1757.4/16

Left: -0.073 $\pm$ 0.005 χ^2 /NDF: 2590.1/34

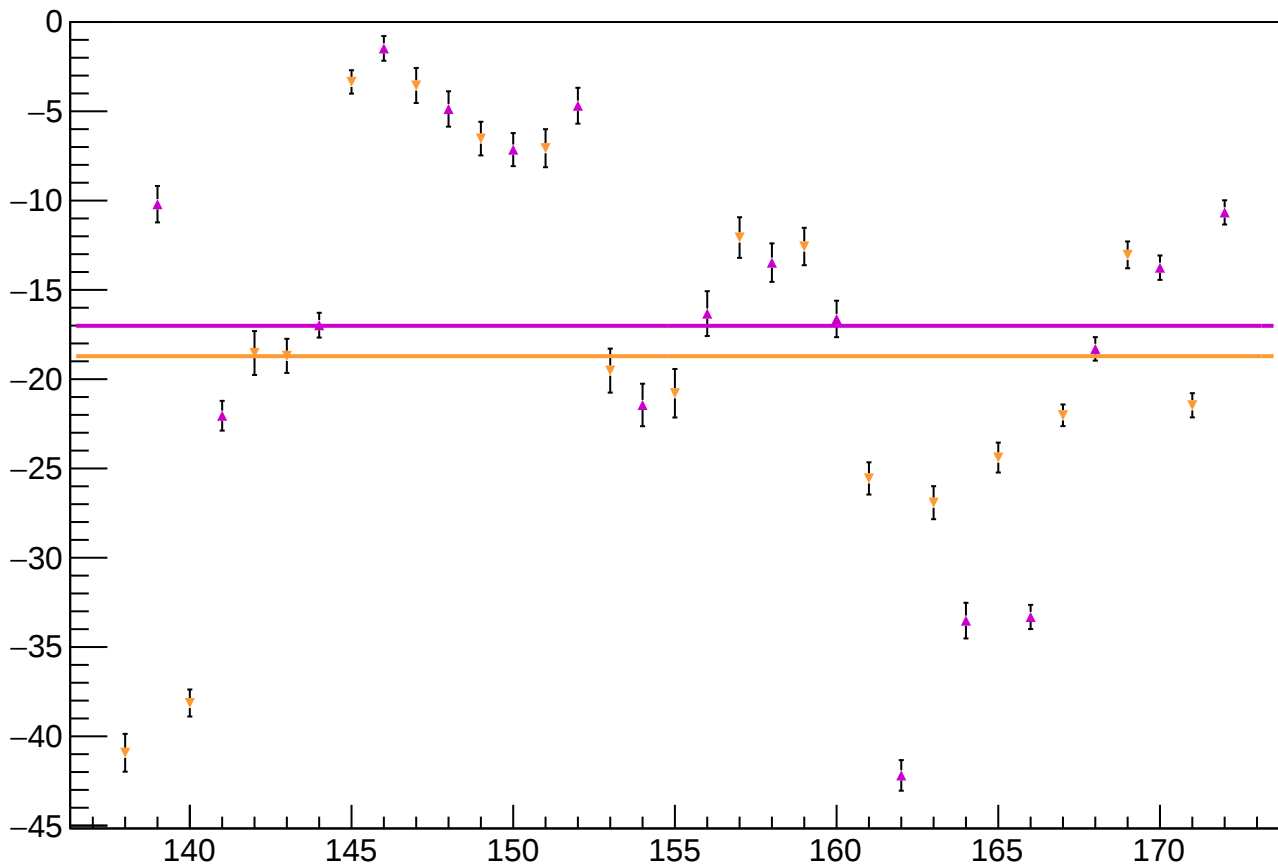
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.069 $\pm$ 0.007 χ^2 /NDF:1757.4/16

Out: -0.078 $\pm$ 0.007 χ^2 /NDF:831.7/17

All: -0.073 $\pm$ 0.005 χ^2 /NDF: 2590.1/34

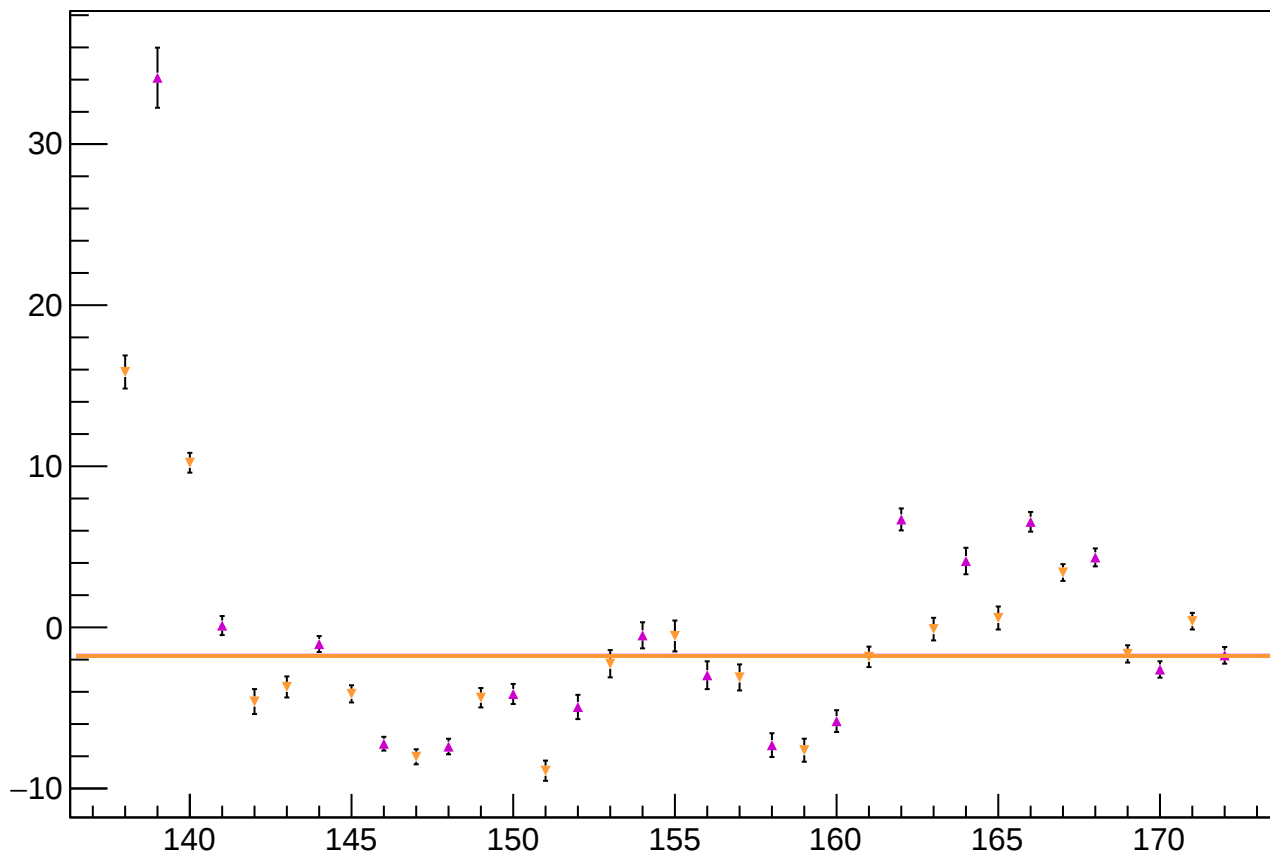
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.012+/-0.204 χ^2/NDF :2854.9/16

Left: -17.846+/-0.146 χ^2/NDF : 5420.0/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.012+/-0.204 χ^2/NDF :2854.9/16
 Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 All: -17.846+/-0.146 χ^2/NDF : 5420.0/34

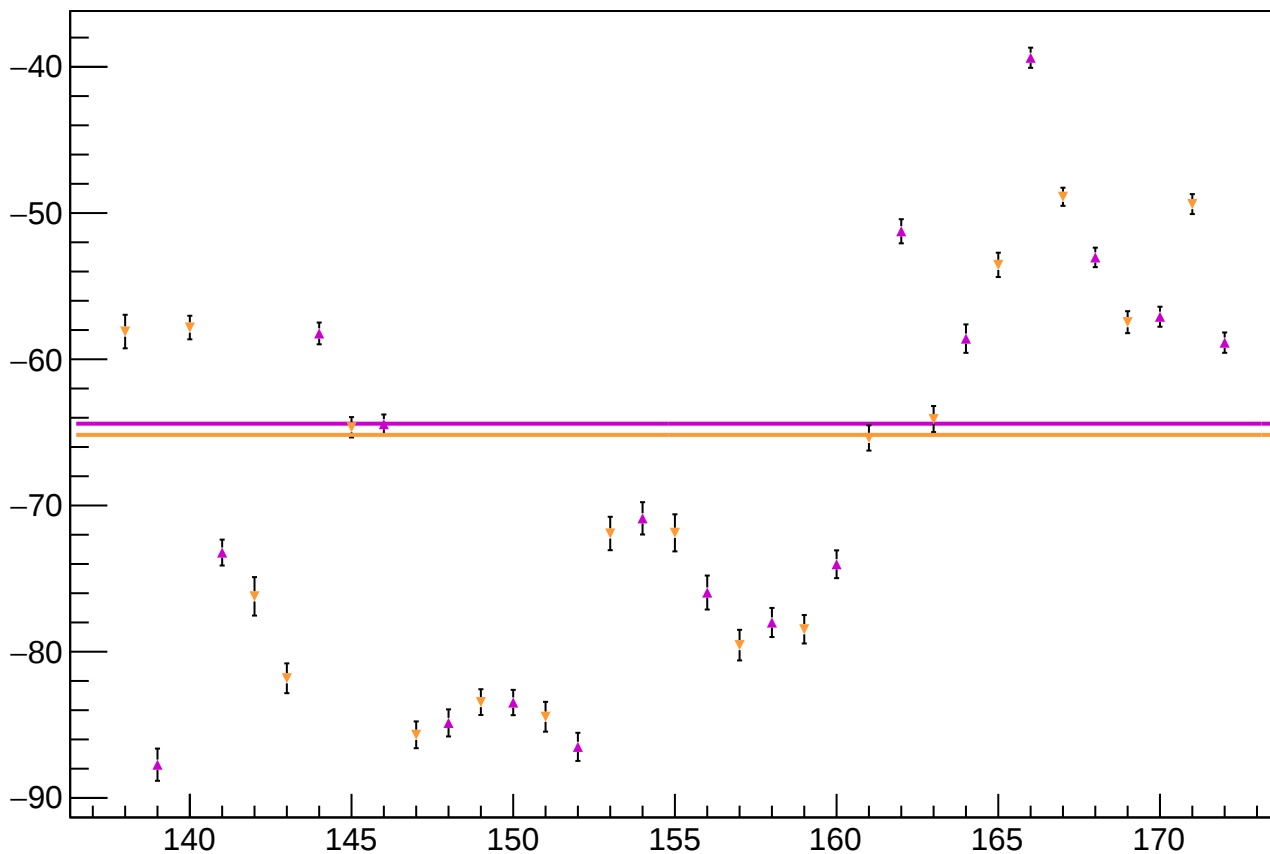
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.778+/-0.150 χ^2/NDF :1249.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.763+/-0.149 χ^2/NDF :1321.8/16

Left: -1.770+/-0.106 χ^2/NDF : 2570.9/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.763+/-0.149 χ^2/NDF :1321.8/16
 Out: -1.778+/-0.150 χ^2/NDF :1249.0/17
 All: -1.770+/-0.106 χ^2/NDF : 2570.9/34

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



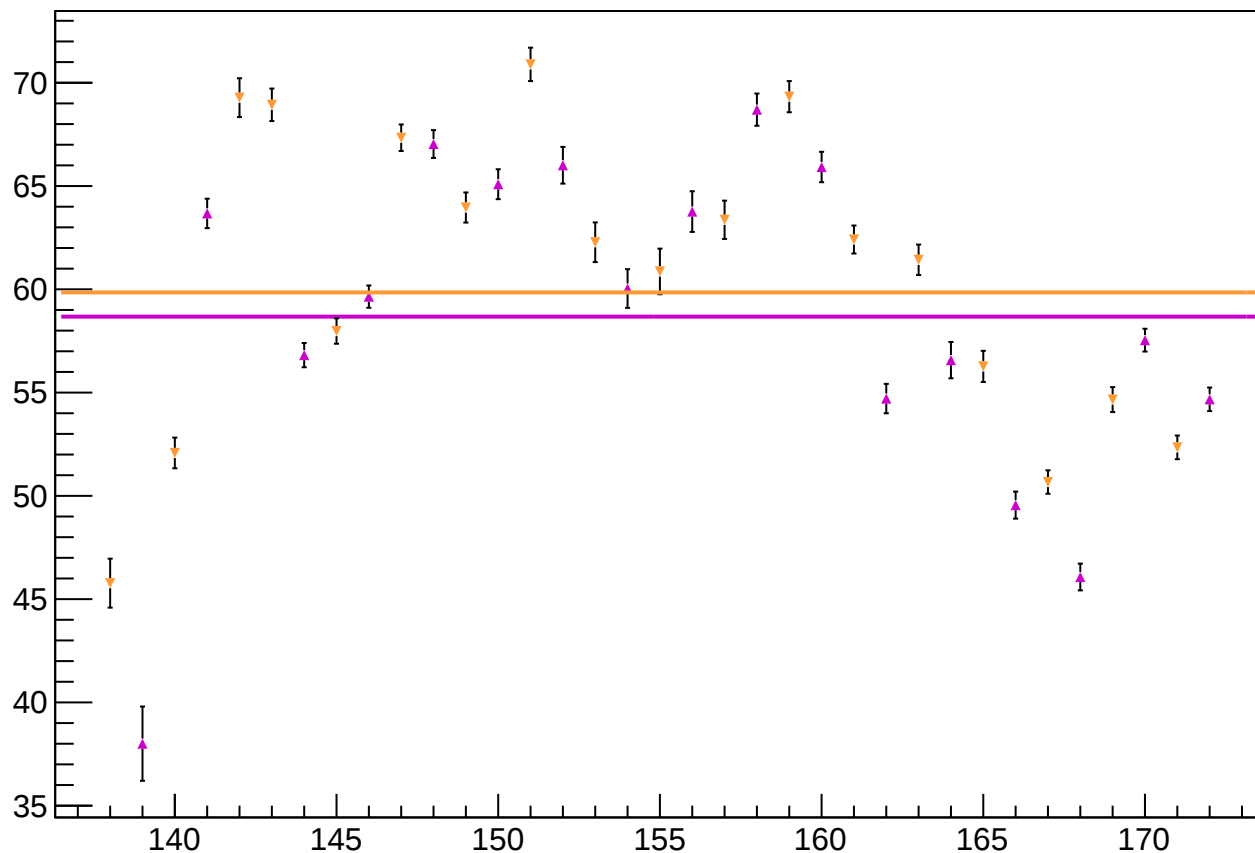
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -65.172+/-0.207 χ^2/NDF : 3713.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -64.404+/-0.202 χ^2/NDF : 4614.9/16

Left: -64.778+/-0.145 χ^2/NDF : 8334.9/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.404+/-0.202 χ^2/NDF : 4614.9/16
 Out: -65.172+/-0.207 χ^2/NDF : 3713.0/17

All: -64.778+/-0.145 χ^2/NDF : 8334.9/34

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: 59.848+/-0.173 χ^2/NDF :1575.2/17

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

Left In: 58.677+/-0.172 χ^2/NDF :1448.7/16

Left: 59.256+/-0.122 χ^2/NDF : 3046.9/34

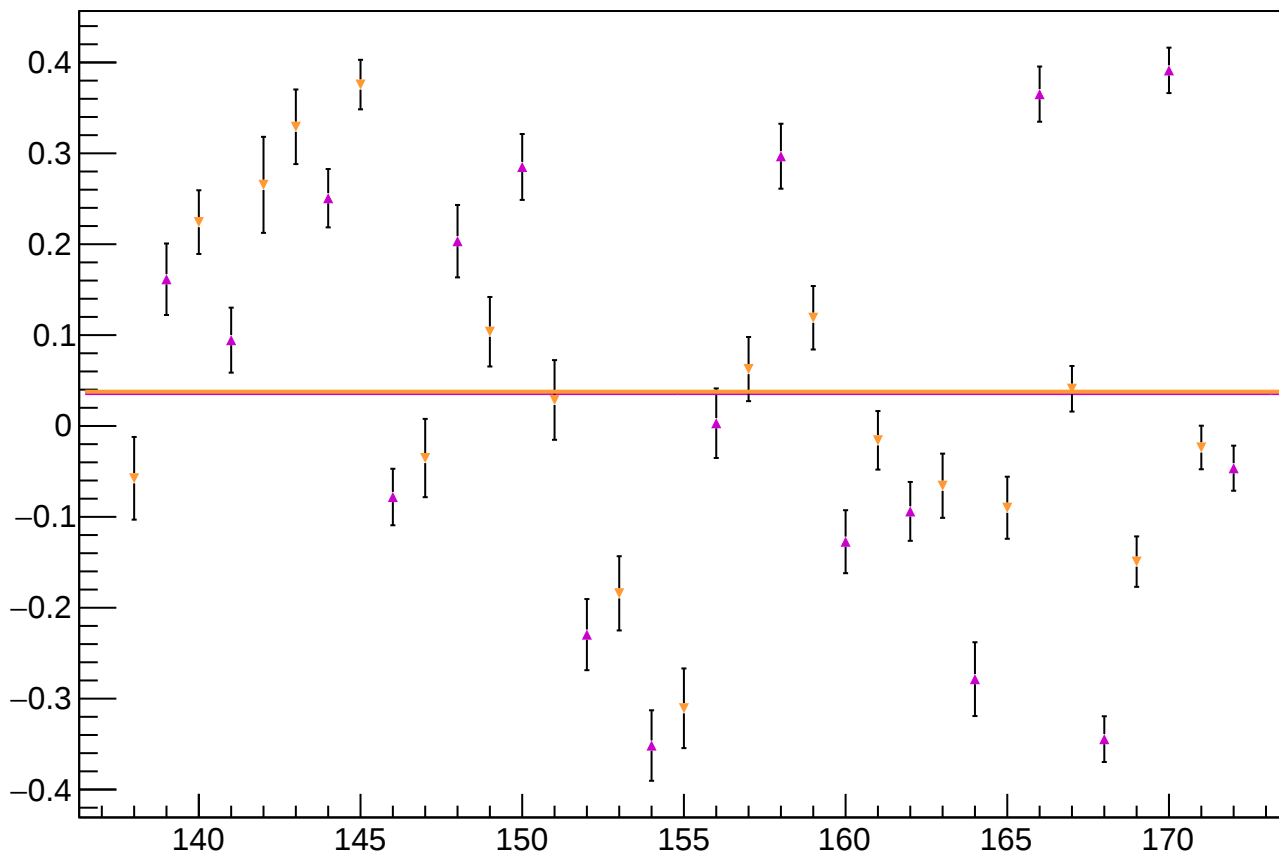
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.677+/-0.172 χ^2/NDF :1448.7/16

Out: 59.848+/-0.173 χ^2/NDF :1575.2/17

All: 59.256+/-0.122 χ^2/NDF : 3046.9/34

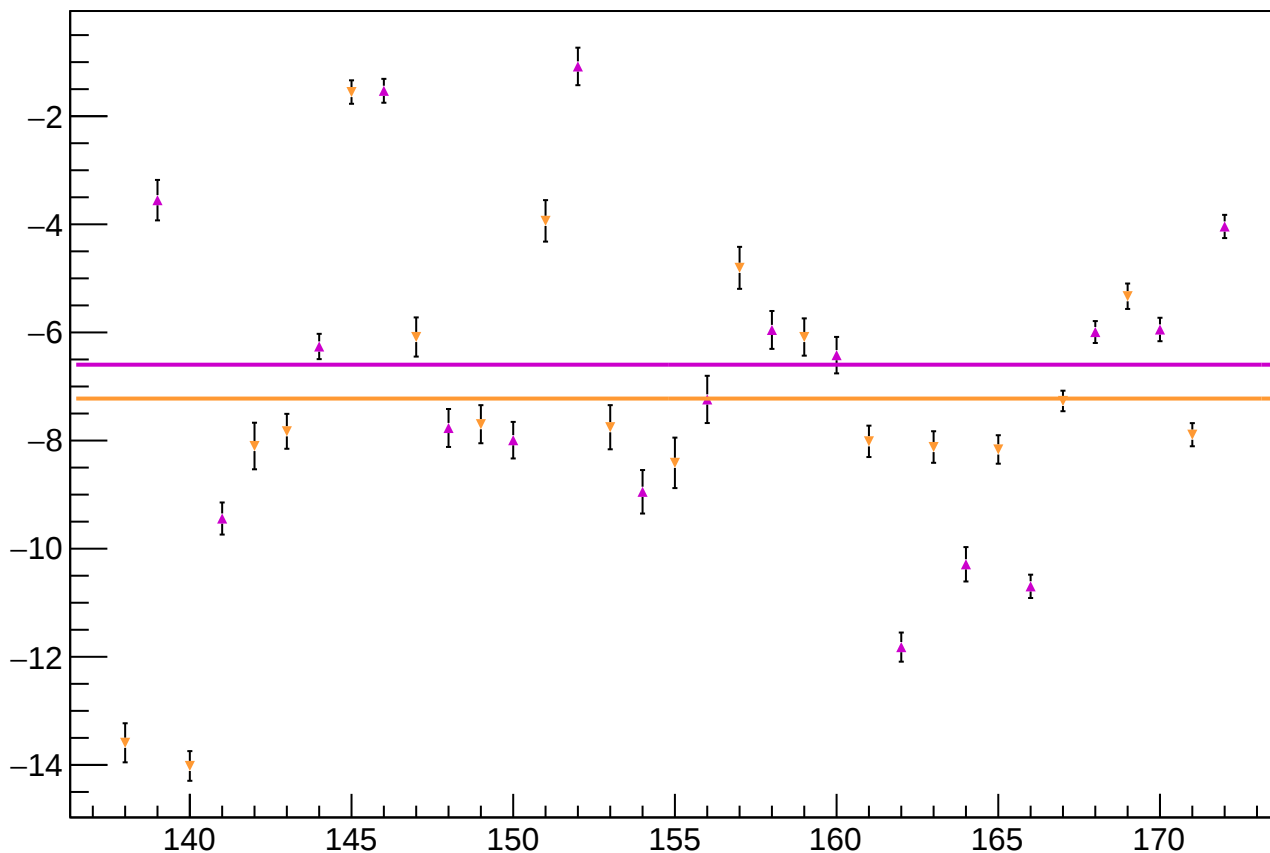
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.036 $\pm$ 0.008 χ^2 /NDF:993.3/16

Left: 0.037 $\pm$ 0.006 χ^2 /NDF: 1430.6/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.036 $\pm$ 0.008 χ^2 /NDF:993.3/16
 Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 All: 0.037 $\pm$ 0.006 χ^2 /NDF: 1430.6/34

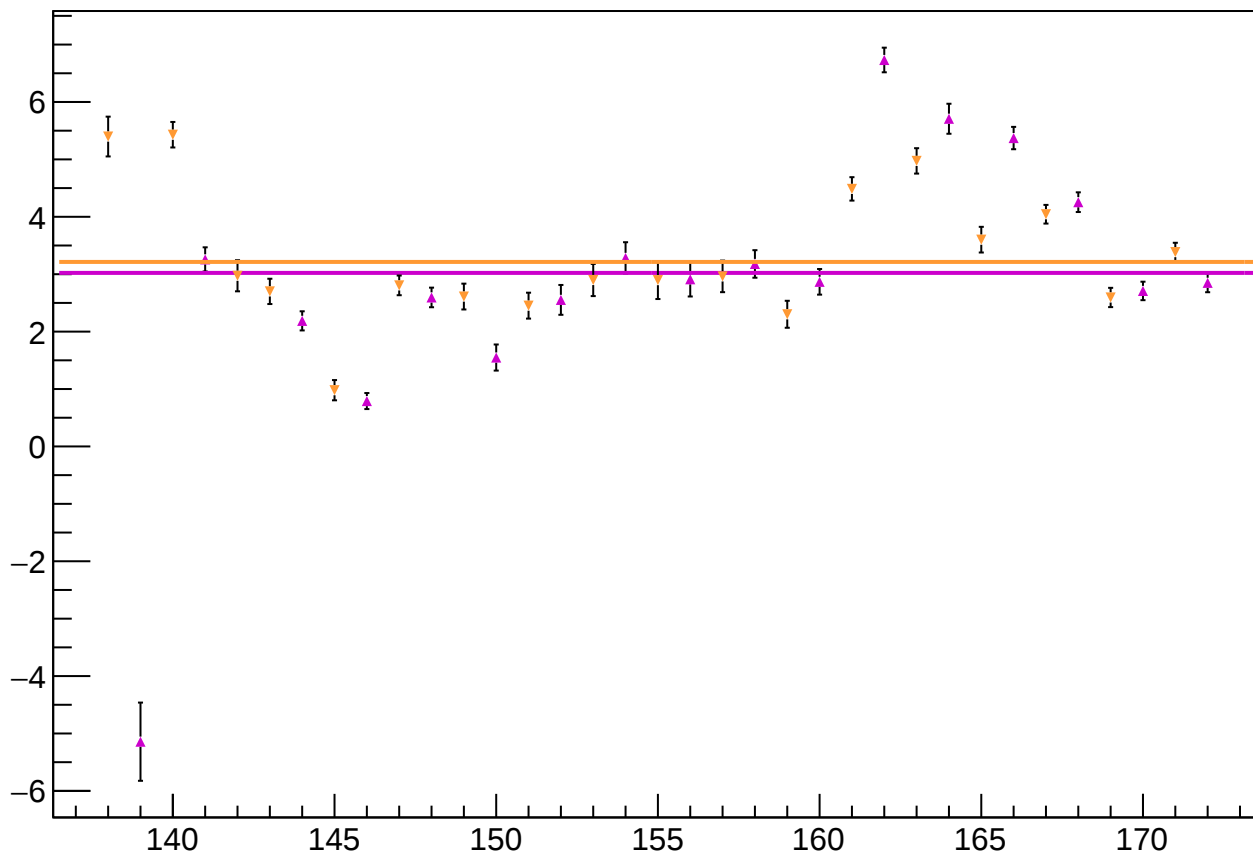
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.223 $\pm$ 0.069 χ^2 /NDF:1860.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.597 $\pm$ 0.067 χ^2 /NDF:2038.2/16

Left: -6.901 $\pm$ 0.048 χ^2 /NDF: 3940.8/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.597 $\pm$ 0.067 χ^2 /NDF:2038.2/16
 Out: -7.223 $\pm$ 0.069 χ^2 /NDF:1860.0/17
 All: -6.901 $\pm$ 0.048 χ^2 /NDF: 3940.8/34

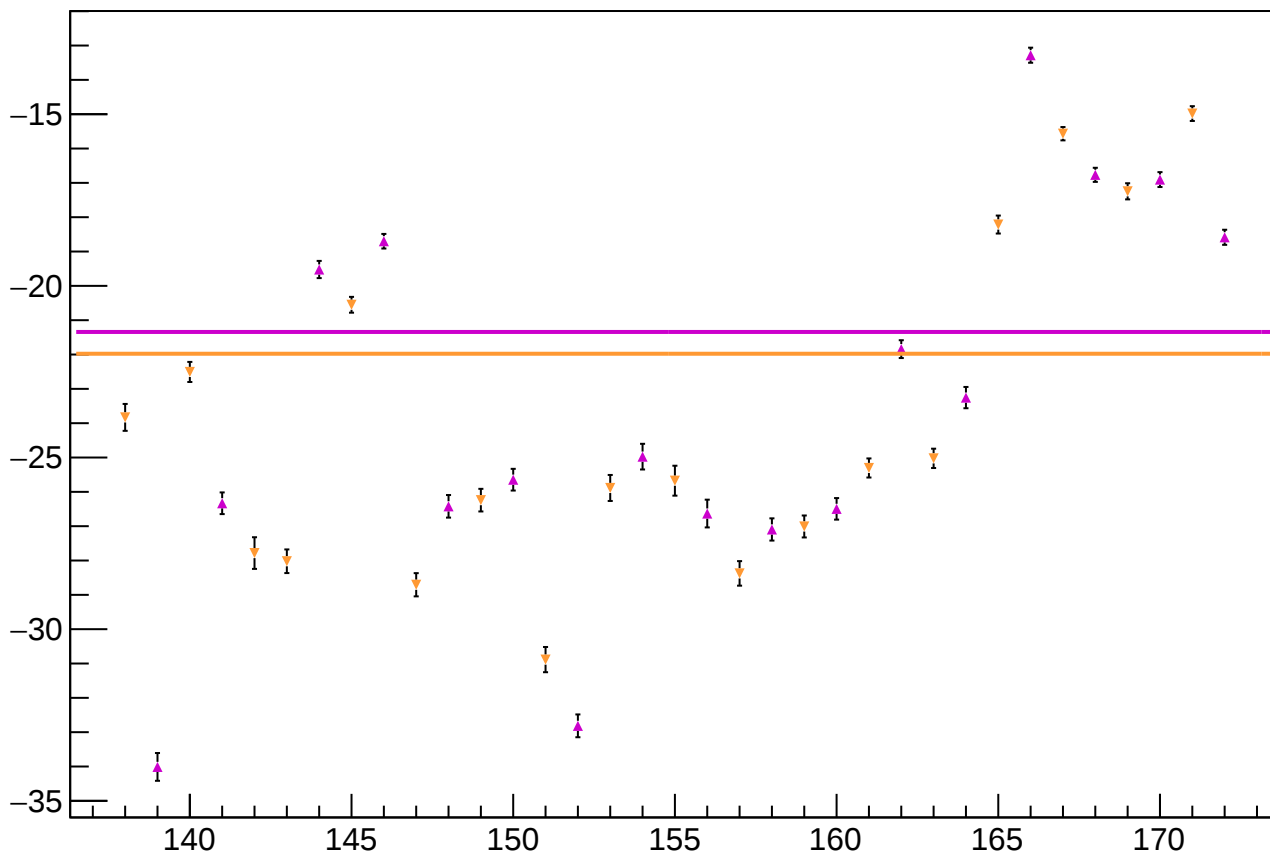
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.214+/-0.050 χ^2/NDF :494.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.023+/-0.049 χ^2/NDF :1085.9/16

Left: 3.116+/-0.035 χ^2/NDF : 1587.6/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.023+/-0.049 χ^2/NDF :1085.9/16
 Out: 3.214+/-0.050 χ^2/NDF :494.3/17
 All: 3.116+/-0.035 χ^2/NDF : 1587.6/34

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: -21.977+/-0.069 χ^2/NDF :5444.1/17

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

Left In: -21.343+/-0.066 χ^2/NDF :6366.0/16

Left: -21.649+/-0.048 χ^2/NDF : 11854.2/34

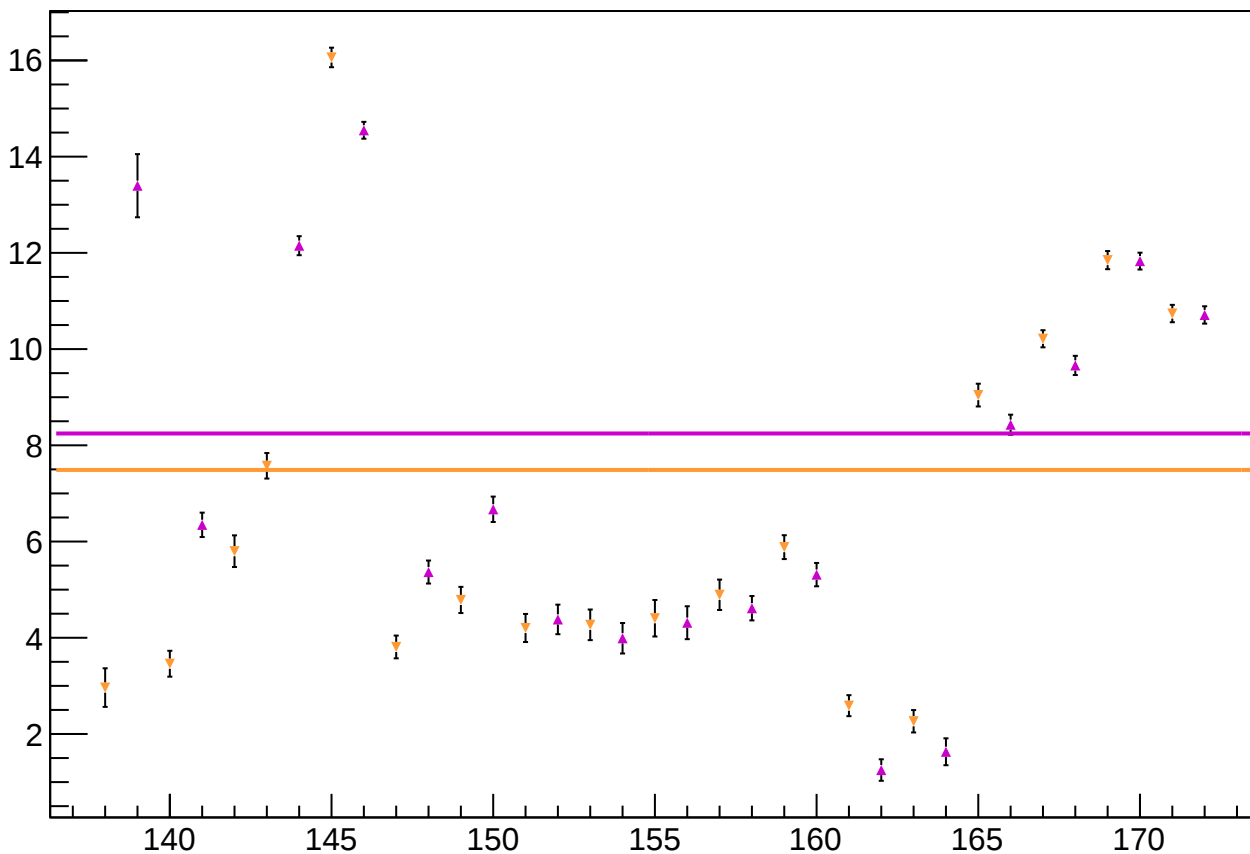
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.343+/-0.066 χ^2/NDF :6366.0/16

Out: -21.977+/-0.069 χ^2/NDF :5444.1/17

All: -21.649+/-0.048 χ^2/NDF : 11854.2/34

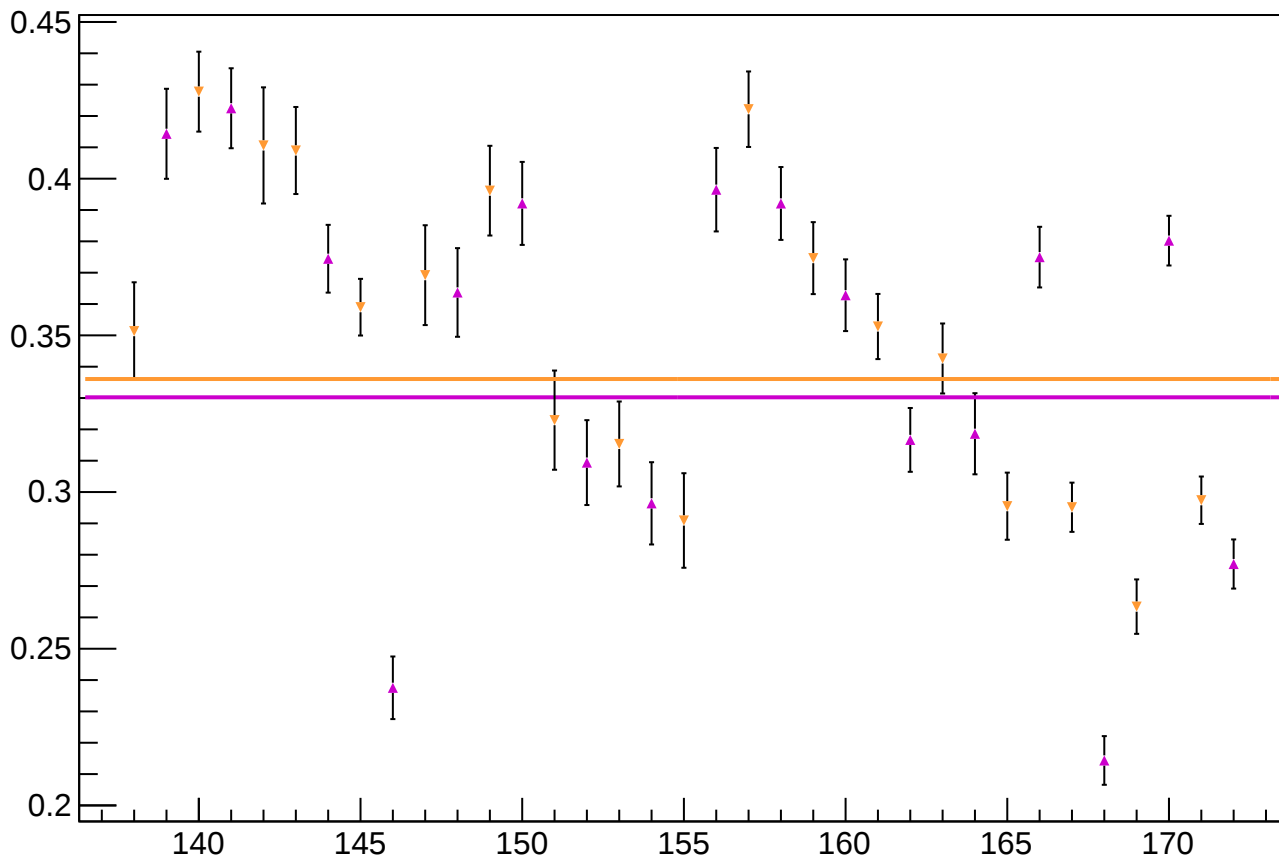
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.246+/-0.056 χ^2/NDF :5005.3/16

Left: 7.875+/-0.040 χ^2/NDF : 10141.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.246+/-0.056 χ^2/NDF :5005.3/16
 Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 All: 7.875+/-0.040 χ^2/NDF : 10141.7/34

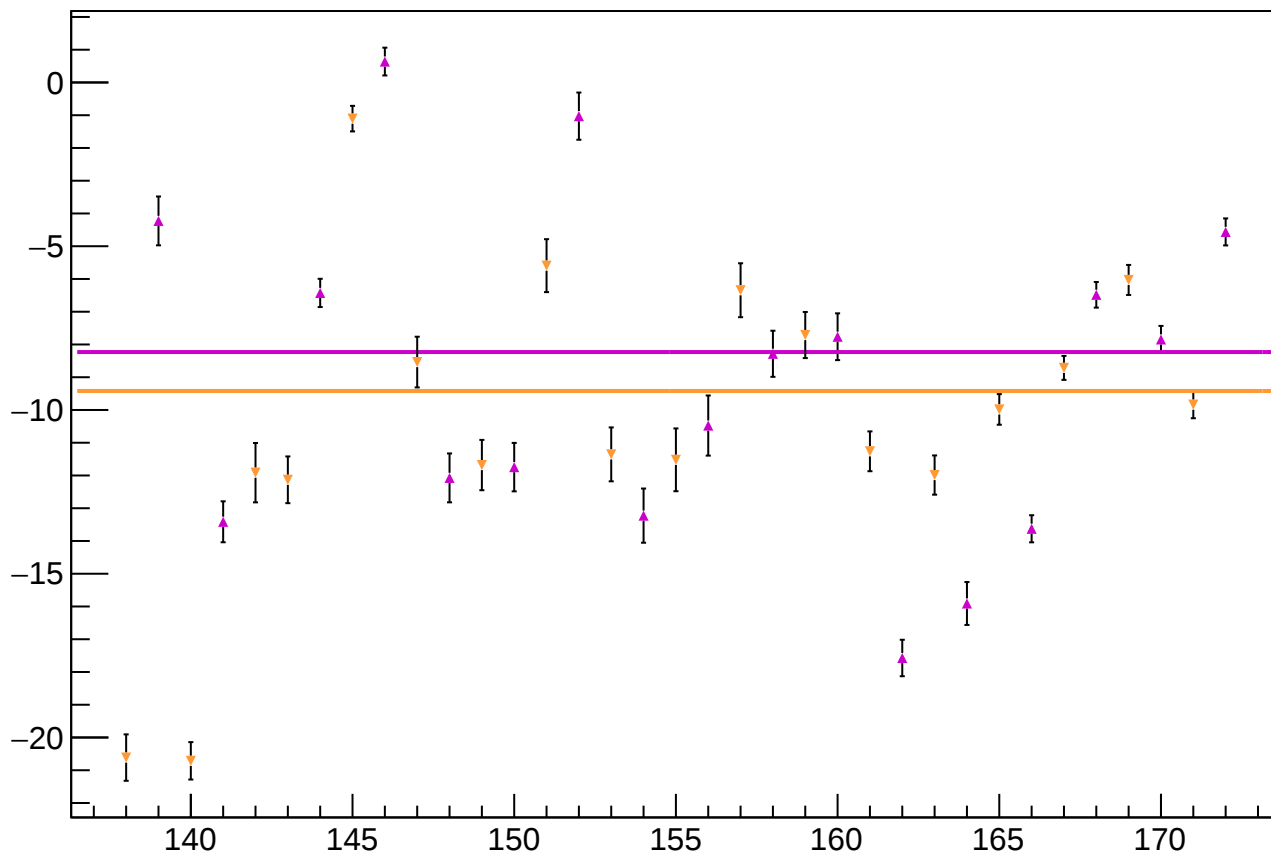
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.330 $\pm$ 0.003 χ^2 /NDF:619.2/16

Left: 0.333 $\pm$ 0.002 χ^2 /NDF: 961.3/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.330 $\pm$ 0.003 χ^2 /NDF:619.2/16
 Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 All: 0.333 $\pm$ 0.002 χ^2 /NDF: 961.3/34

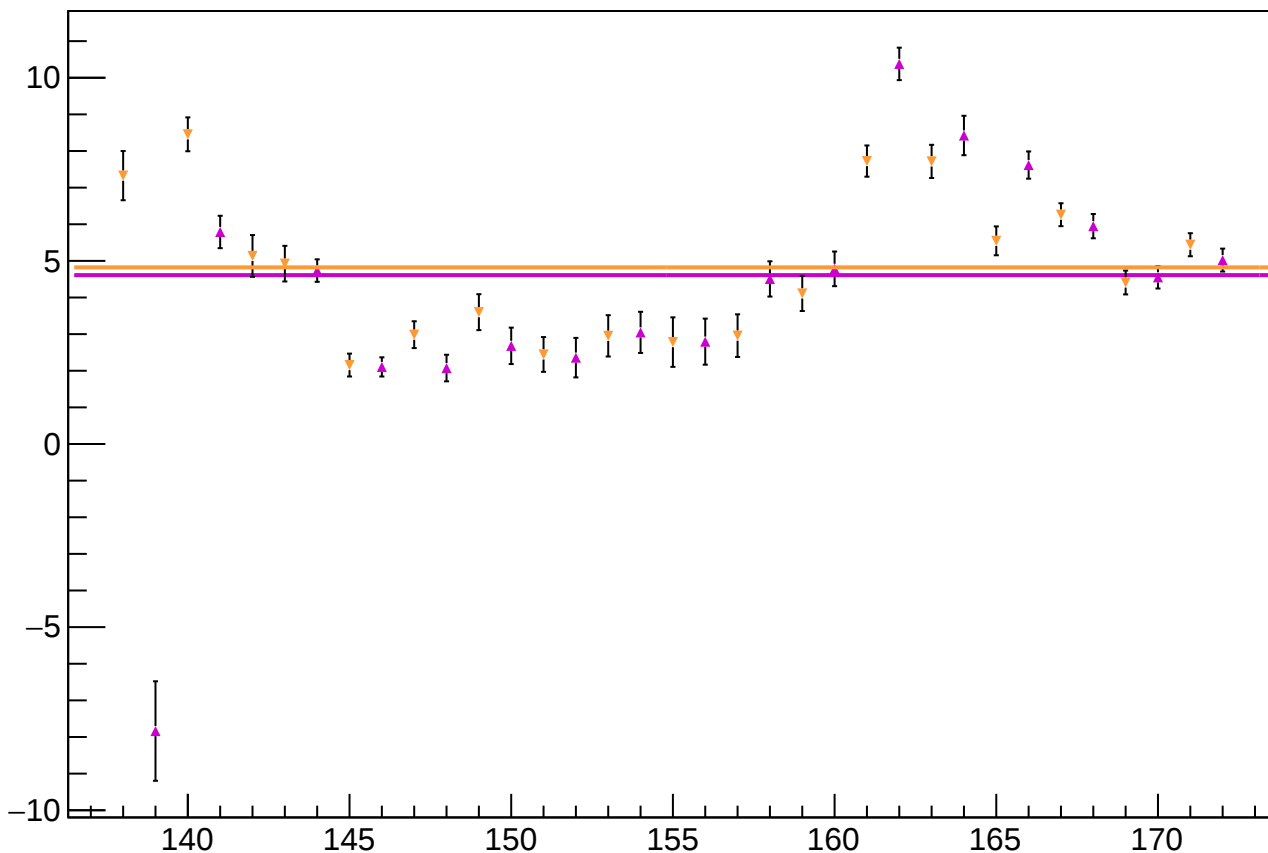
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.420 $\pm$ 0.136 χ^2 /NDF:1267.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.231 $\pm$ 0.132 χ^2 /NDF:1433.3/16

Left: -8.808 $\pm$ 0.095 χ^2 /NDF: 2740.1/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.231 $\pm$ 0.132 χ^2 /NDF:1433.3/16
 Out: -9.420 $\pm$ 0.136 χ^2 /NDF:1267.6/17
 All: -8.808 $\pm$ 0.095 χ^2 /NDF: 2740.1/34

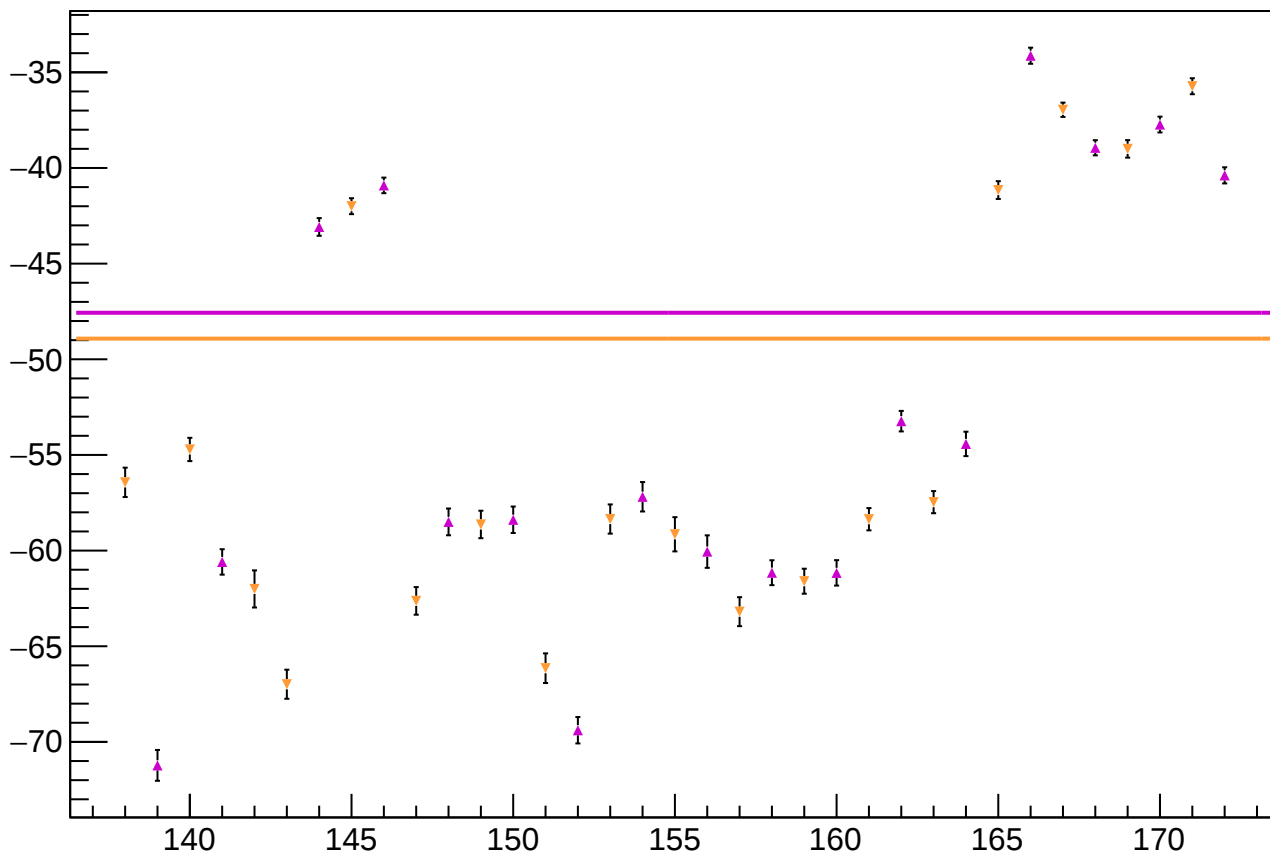
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.823+/-0.100 χ^2/NDF :355.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.612+/-0.097 χ^2/NDF :583.4/16

Left: 4.714+/-0.070 χ^2/NDF : 940.9/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.612+/-0.097 χ^2/NDF :583.4/16
 Out: 4.823+/-0.100 χ^2/NDF :355.2/17
 All: 4.714+/-0.070 χ^2/NDF : 940.9/34

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: -48.920+/-0.136 χ^2/NDF : 6512.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -47.568+/-0.131 χ^2/NDF : 6903.0/16

Left: -48.219+/-0.095 χ^2/NDF : 13466.4/34

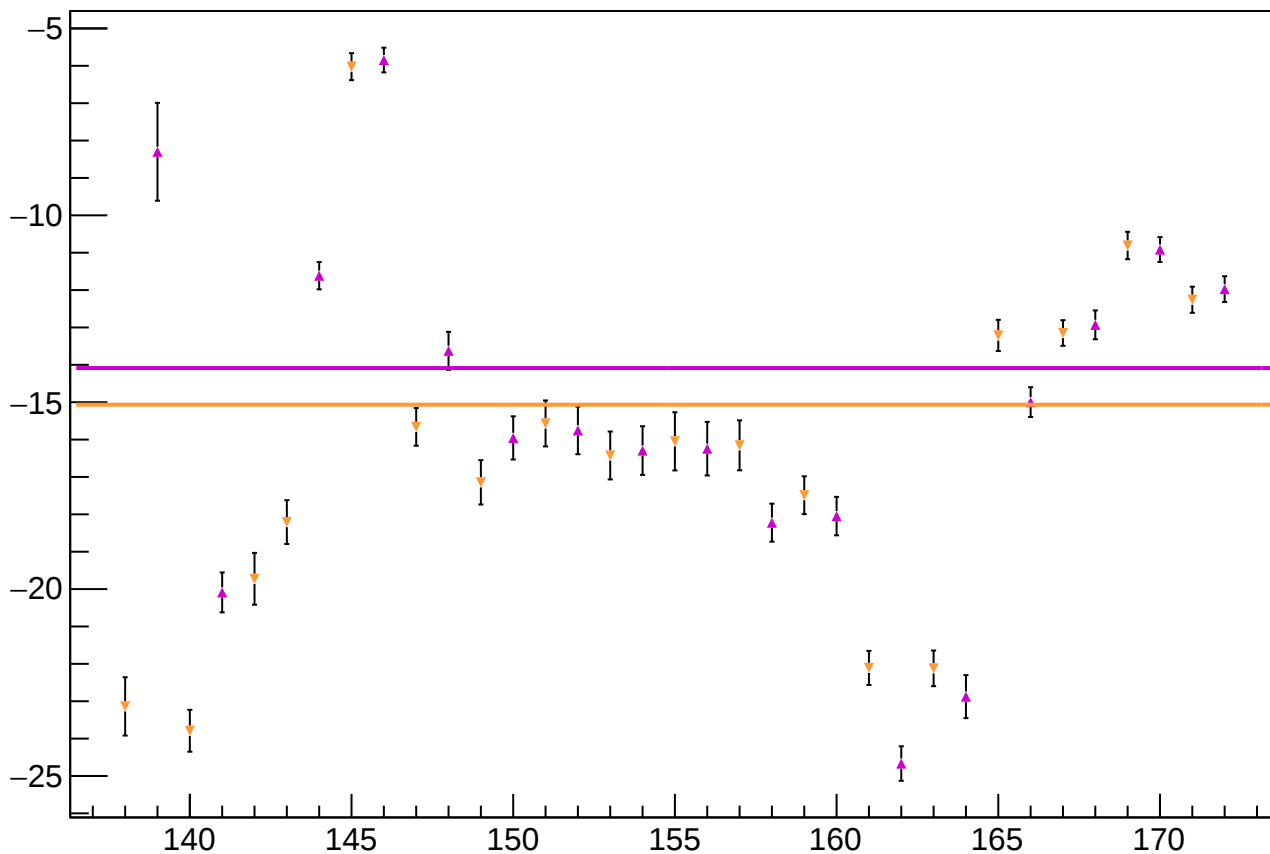
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.568+/-0.131 χ^2/NDF : 6903.0/16

Out: -48.920+/-0.136 χ^2/NDF : 6512.5/17

All: -48.219+/-0.095 χ^2/NDF : 13466.4/34

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: -15.066+/-0.115 χ^2/NDF :1805.7/17

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

Left In: -14.086+/-0.112 χ^2/NDF :1875.7/16

Left: -14.564+/-0.080 χ^2/NDF : 3719.0/34

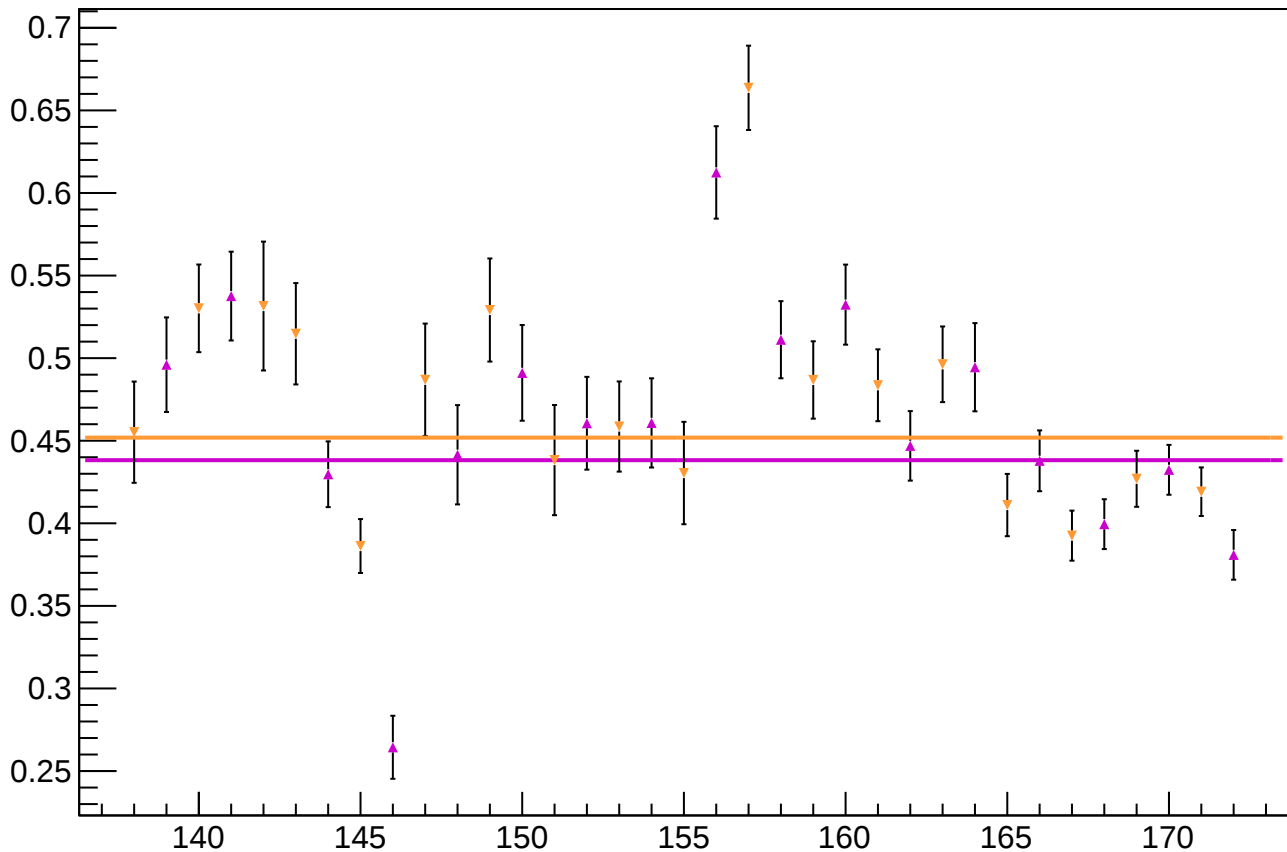
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.086+/-0.112 χ^2/NDF :1875.7/16

Out: -15.066+/-0.115 χ^2/NDF :1805.7/17

All: -14.564+/-0.080 χ^2/NDF : 3719.0/34

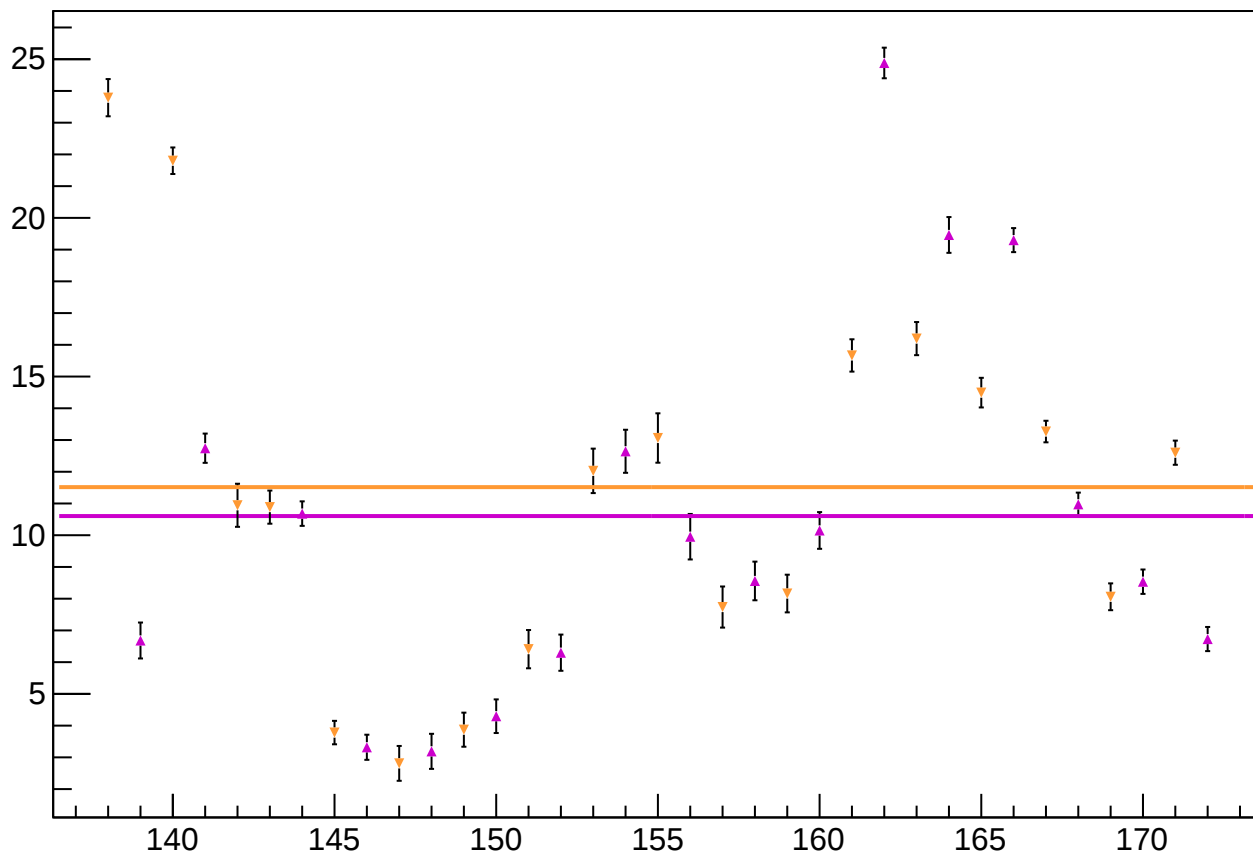
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.452 ± 0.005 $\chi^2/\text{NDF}: 145.2/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 0.438 ± 0.005 $\chi^2/\text{NDF}: 195.1/16$

Left: 0.445 ± 0.004 $\chi^2/\text{NDF}: 343.7/34$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 0.438 ± 0.005 $\chi^2/\text{NDF}: 195.1/16$
 Out: 0.452 ± 0.005 $\chi^2/\text{NDF}: 145.2/17$
 All: 0.445 ± 0.004 $\chi^2/\text{NDF}: 343.7/34$

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: 11.515 $\pm$ 0.117 χ^2 /NDF:2367.8/17

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

Left In: 10.604 $\pm$ 0.115 χ^2 /NDF:2593.3/16

Left: 11.052 $\pm$ 0.082 χ^2 /NDF: 4992.2/34

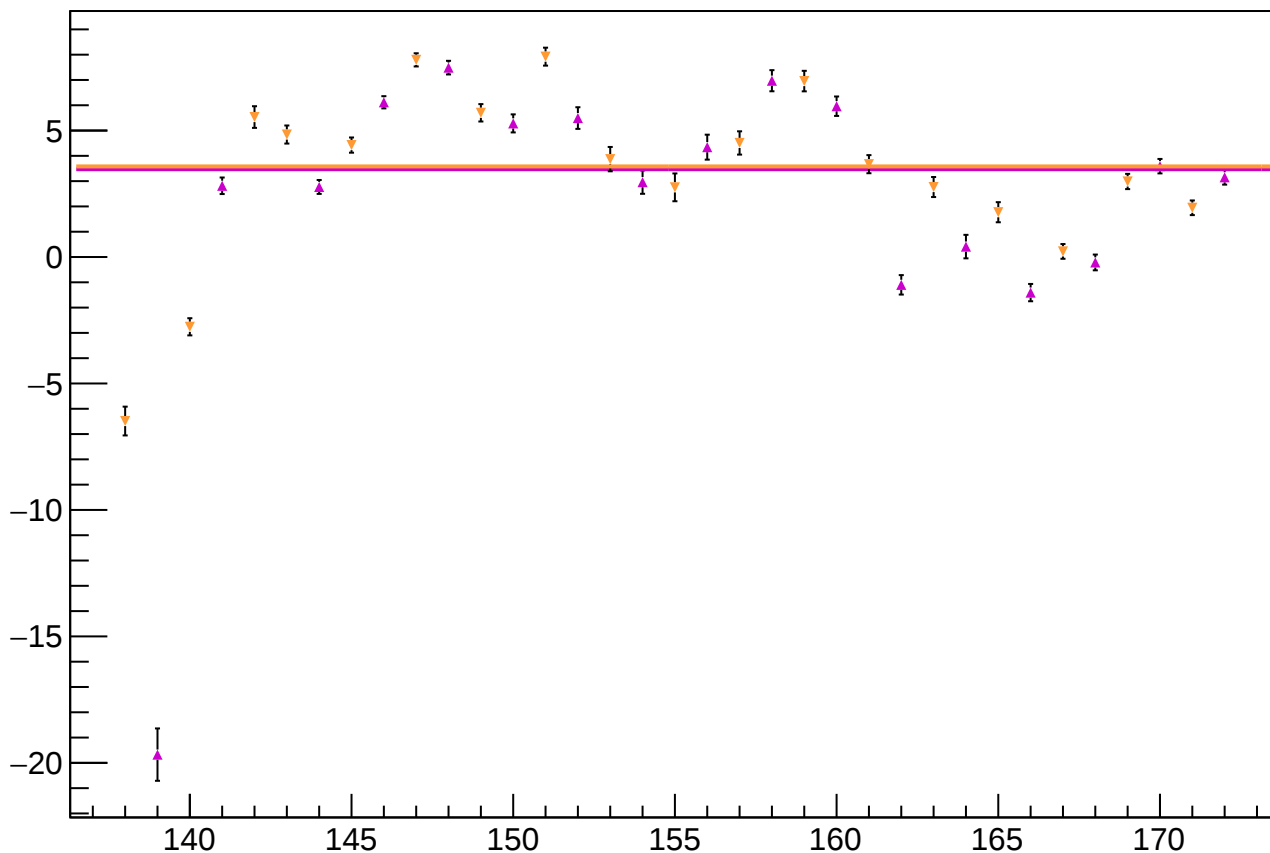
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.604 $\pm$ 0.115 χ^2 /NDF:2593.3/16

Out: 11.515 $\pm$ 0.117 χ^2 /NDF:2367.8/17

All: 11.052 $\pm$ 0.082 χ^2 /NDF: 4992.2/34

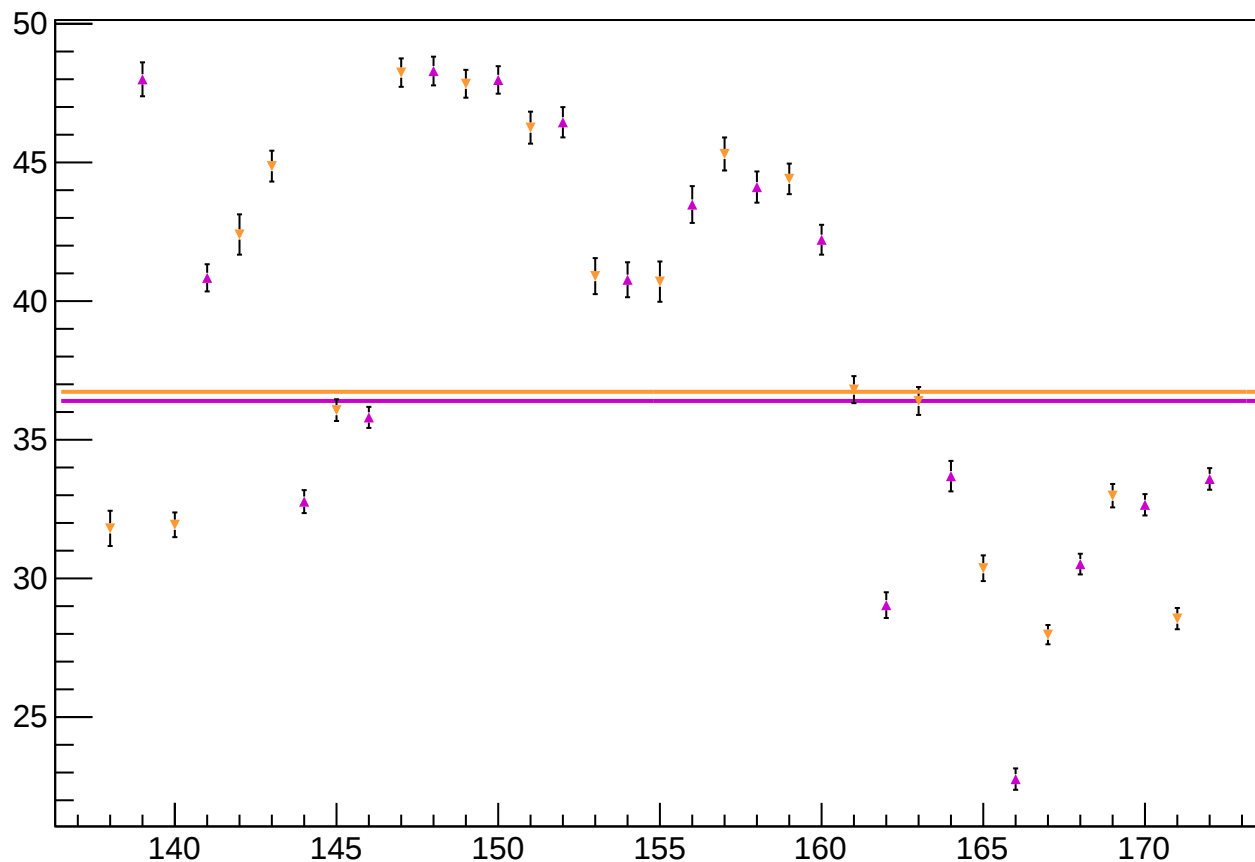
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.473 $\pm$ 0.084 χ^2 /NDF:1546.6/16

Left: 3.527 $\pm$ 0.059 χ^2 /NDF: 2968.4/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.473 $\pm$ 0.084 χ^2 /NDF:1546.6/16
 Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 All: 3.527 $\pm$ 0.059 χ^2 /NDF: 2968.4/34

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: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17

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

Left In: 36.400 $\pm$ 0.114 χ^2 /NDF:4320.0/16

Left: 36.561 $\pm$ 0.081 χ^2 /NDF: 7872.6/34

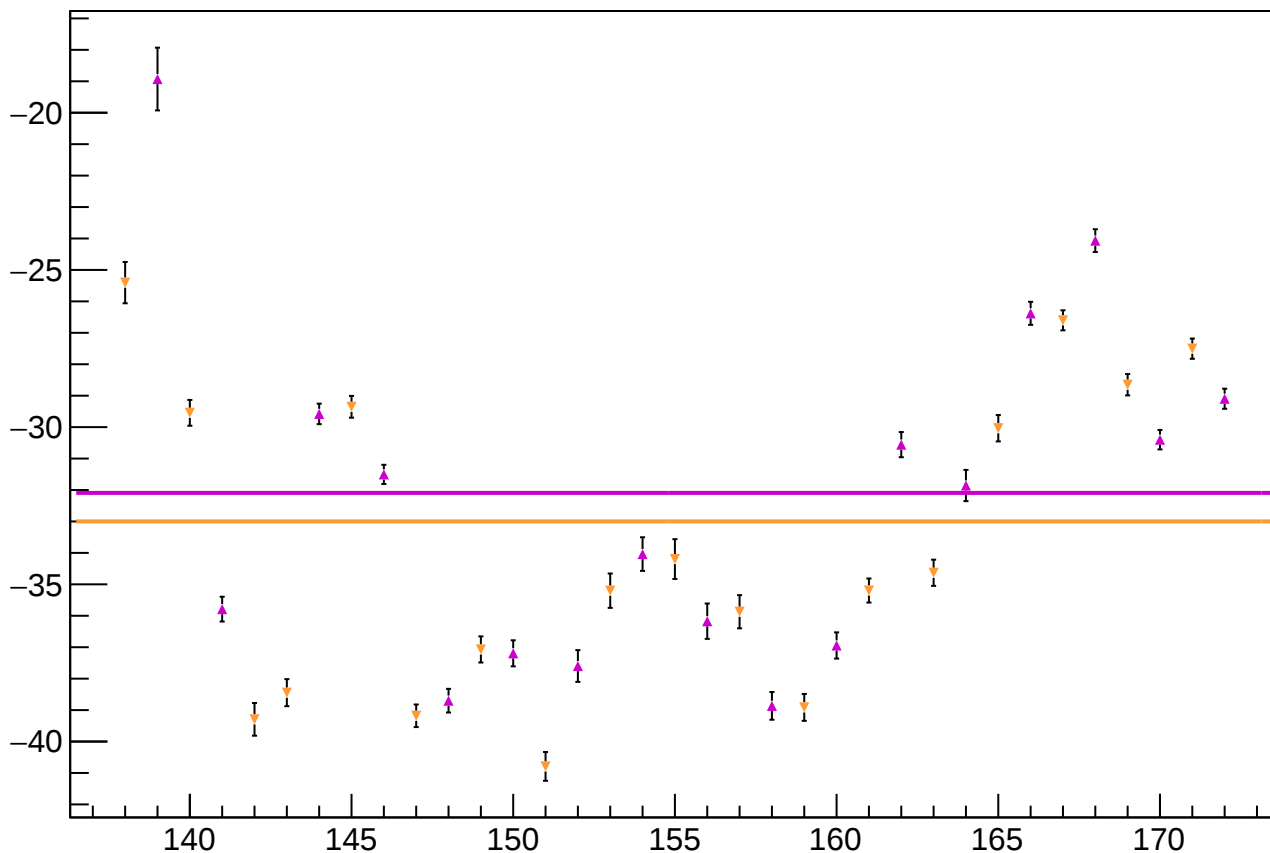
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 36.400 $\pm$ 0.114 χ^2 /NDF:4320.0/16

Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17

All: 36.561 $\pm$ 0.081 χ^2 /NDF: 7872.6/34

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

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

Left In: -32.092+/-0.096 χ^2/NDF :2206.8/16

Left: -32.541+/-0.069 χ^2/NDF : 4753.4/34

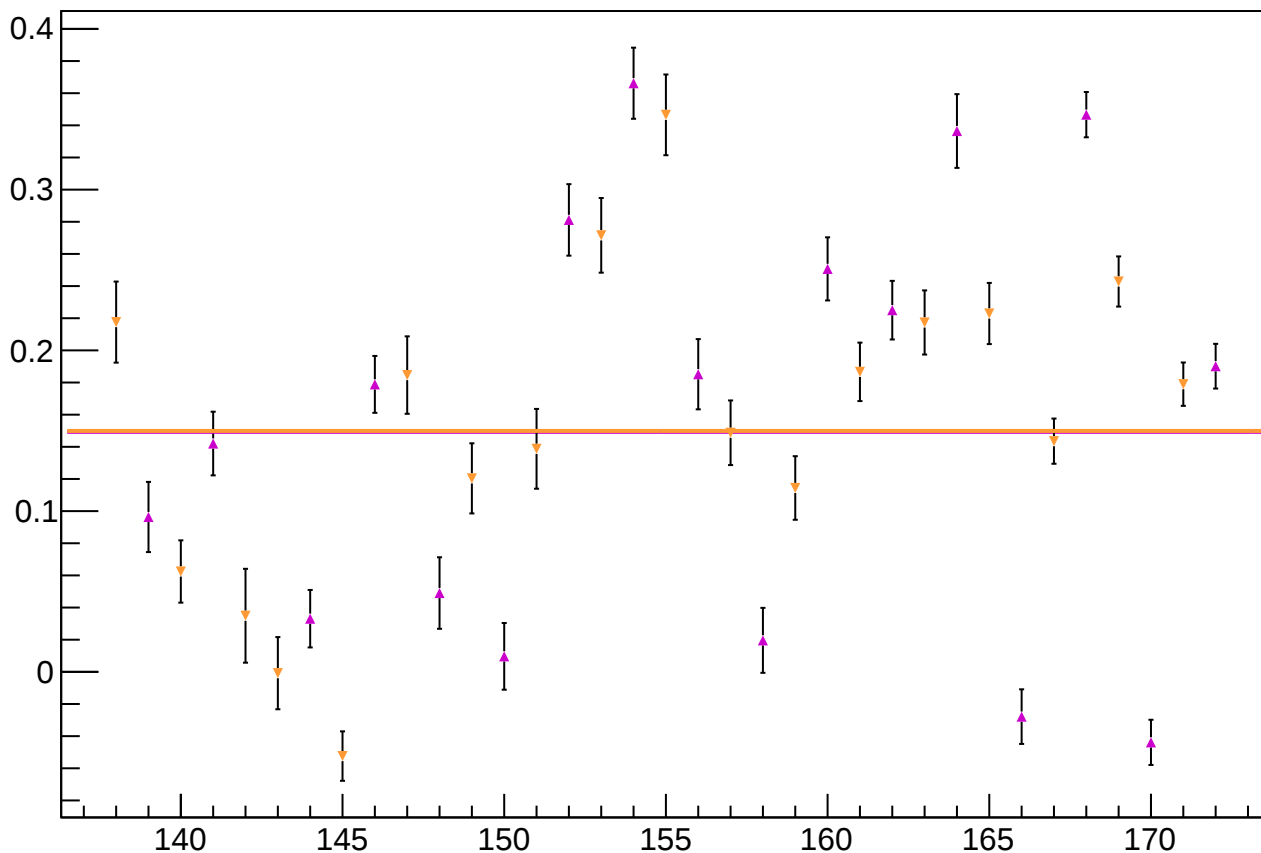
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.092+/-0.096 χ^2/NDF :2206.8/16

Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

All: -32.541+/-0.069 χ^2/NDF : 4753.4/34

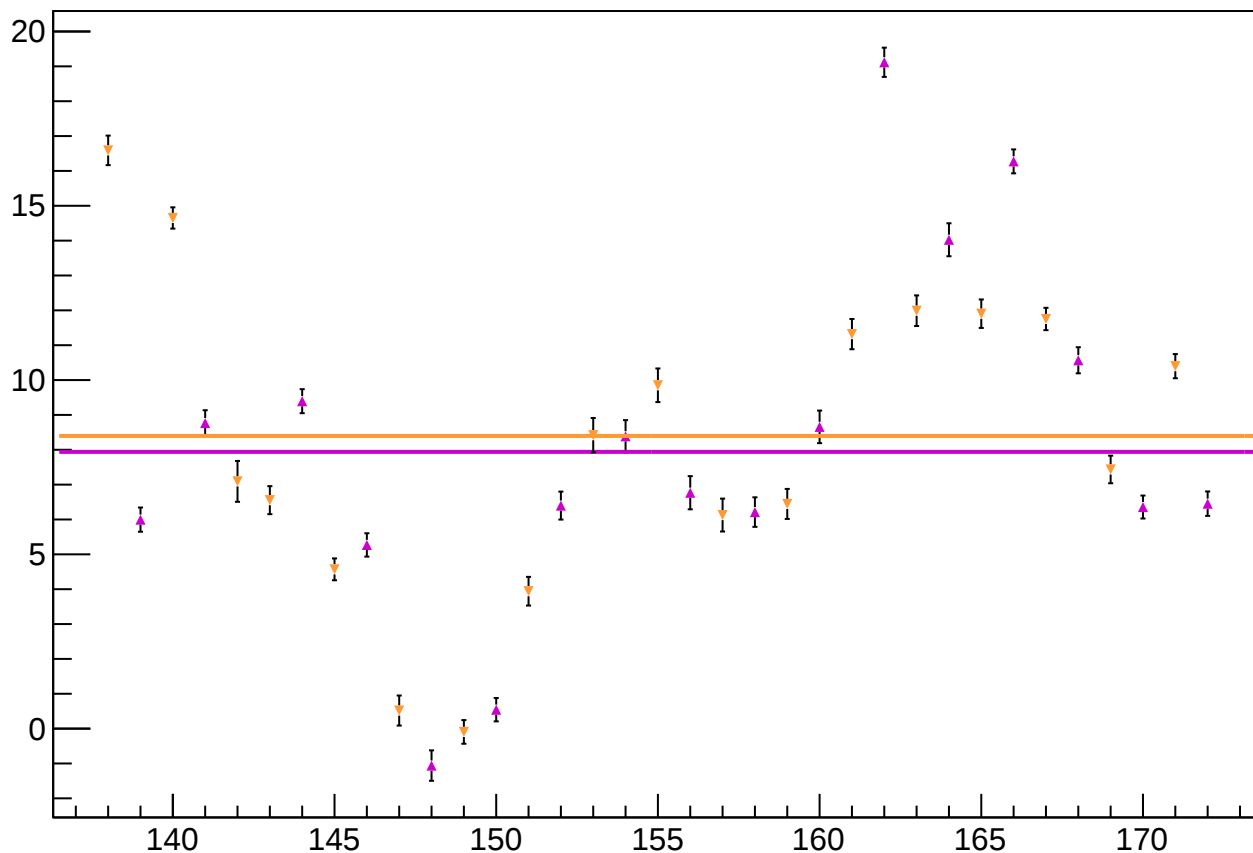
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.149 $\pm$ 0.004 χ^2 /NDF:904.7/16

Left: 0.150 $\pm$ 0.003 χ^2 /NDF: 1332.5/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.149 $\pm$ 0.004 χ^2 /NDF:904.7/16
 Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 All: 0.150 $\pm$ 0.003 χ^2 /NDF: 1332.5/34

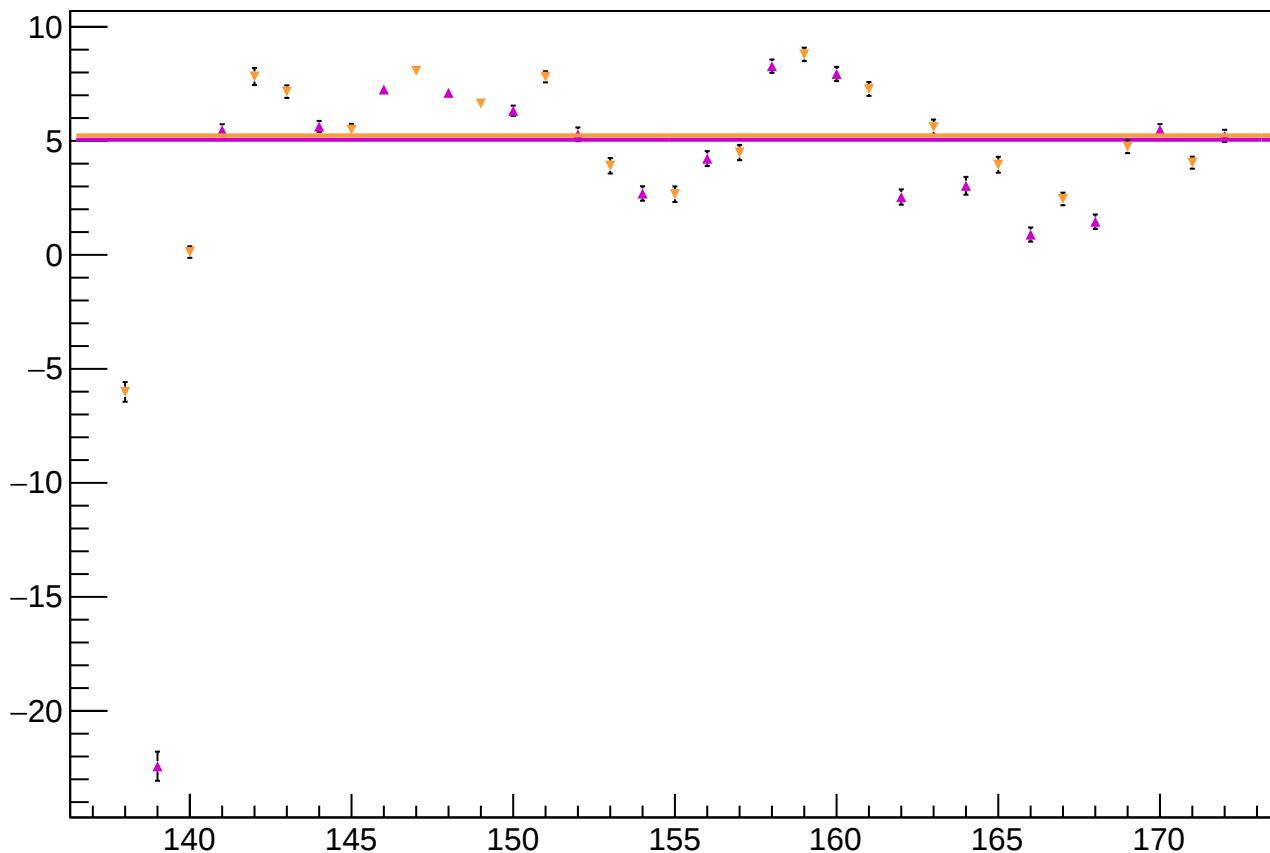
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.940 $\pm$ 0.093 χ^2 /NDF:2626.1/16

Left: 8.168 $\pm$ 0.066 χ^2 /NDF: 5072.2/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.940 $\pm$ 0.093 χ^2 /NDF:2626.1/16
 Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 All: 8.168 $\pm$ 0.066 χ^2 /NDF: 5072.2/34

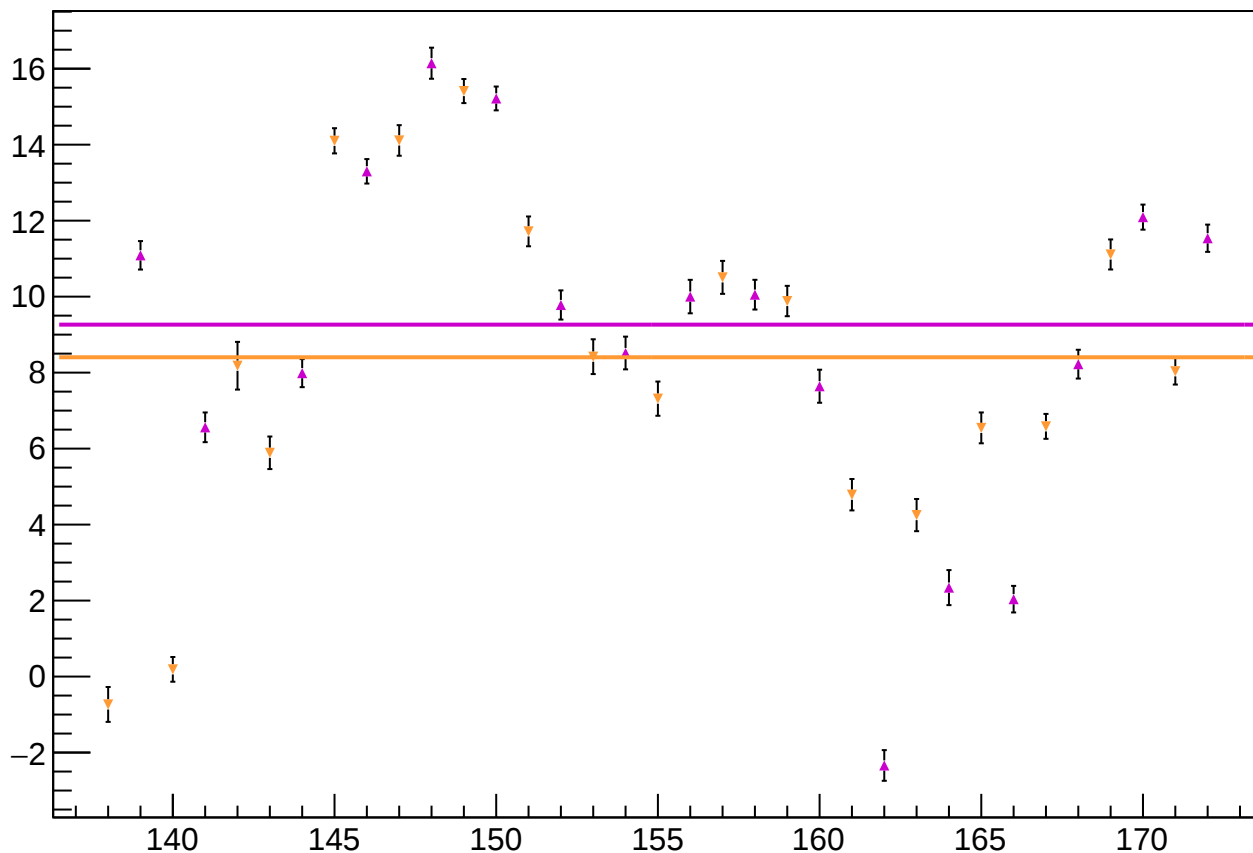
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.048 $\pm$ 0.068 χ^2 /NDF:2751.5/16

Left: 5.147 $\pm$ 0.048 χ^2 /NDF: 4687.9/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.048 $\pm$ 0.068 χ^2 /NDF:2751.5/16
 Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17
 All: 5.147 $\pm$ 0.048 χ^2 /NDF: 4687.9/34

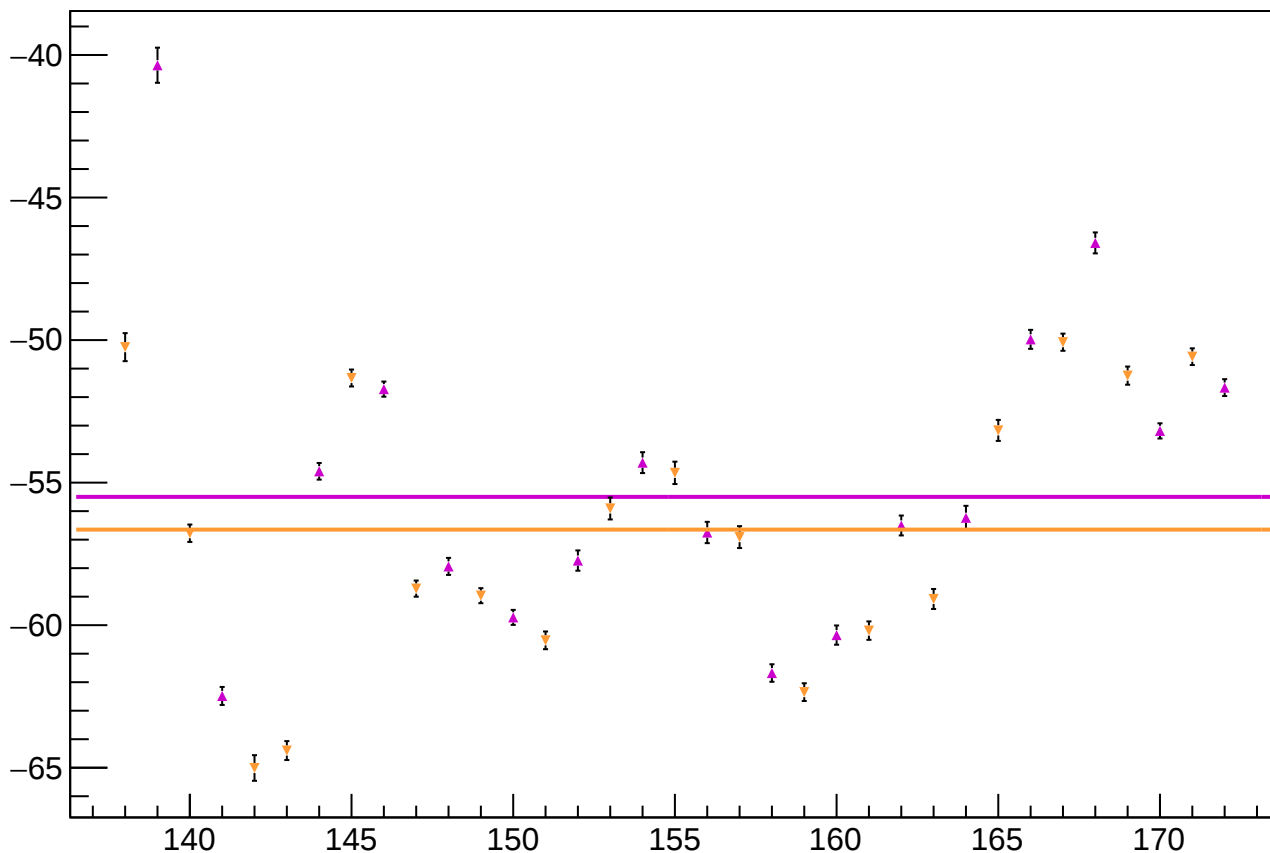
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.404 $\pm$ 0.093 χ^2/NDF :2438.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 9.263 $\pm$ 0.092 χ^2/NDF :2509.0/16

Left: 8.838 $\pm$ 0.065 χ^2/NDF : 4991.1/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 9.263 $\pm$ 0.092 χ^2/NDF :2509.0/16
 Out: 8.404 $\pm$ 0.093 χ^2/NDF :2438.7/17
 All: 8.838 $\pm$ 0.065 χ^2/NDF : 4991.1/34

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: -56.647+/-0.078 χ^2 /NDF:3483.1/17

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

Left In: -55.500+/-0.079 χ^2 /NDF:3418.4/16

Left: -56.079+/-0.055 χ^2 /NDF: 7009.4/34

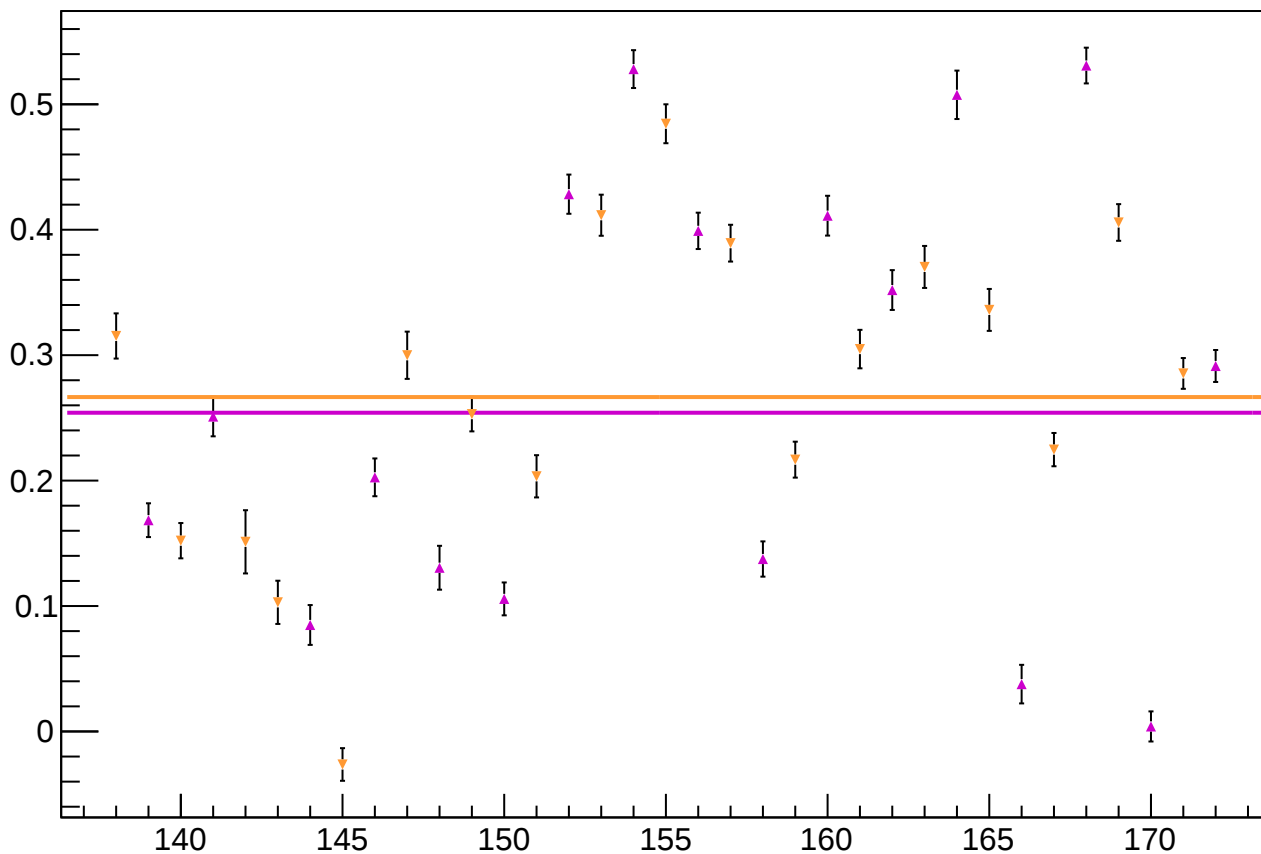
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -55.500+/-0.079 χ^2 /NDF:3418.4/16

Out: -56.647+/-0.078 χ^2 /NDF:3483.1/17

All: -56.079+/-0.055 χ^2 /NDF: 7009.4/34

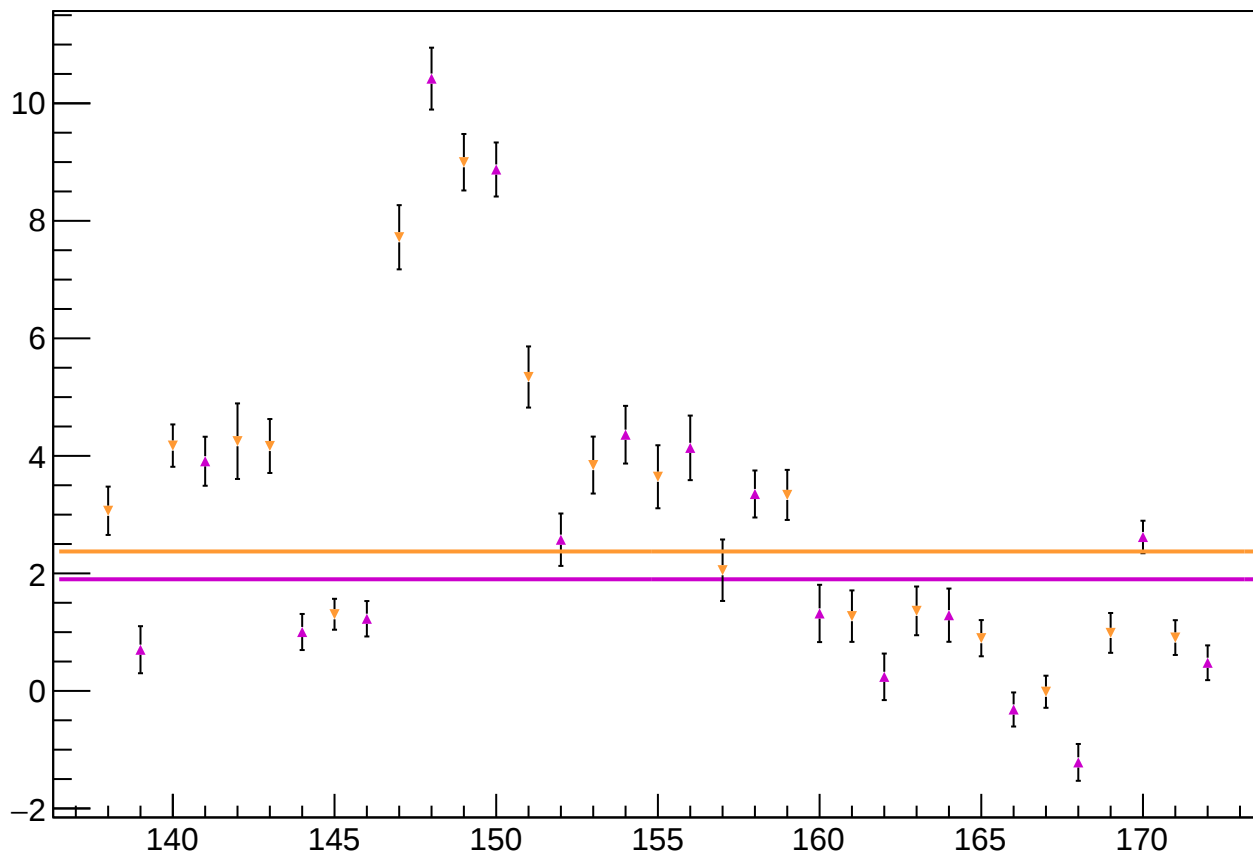
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.267+/-0.004 χ^2/NDF :1232.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.254+/-0.004 χ^2/NDF :2293.4/16

Left: 0.260+/-0.003 χ^2/NDF : 3531.7/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.254+/-0.004 χ^2/NDF :2293.4/16
 Out: 0.267+/-0.004 χ^2/NDF :1232.2/17
 All: 0.260+/-0.003 χ^2/NDF : 3531.7/34

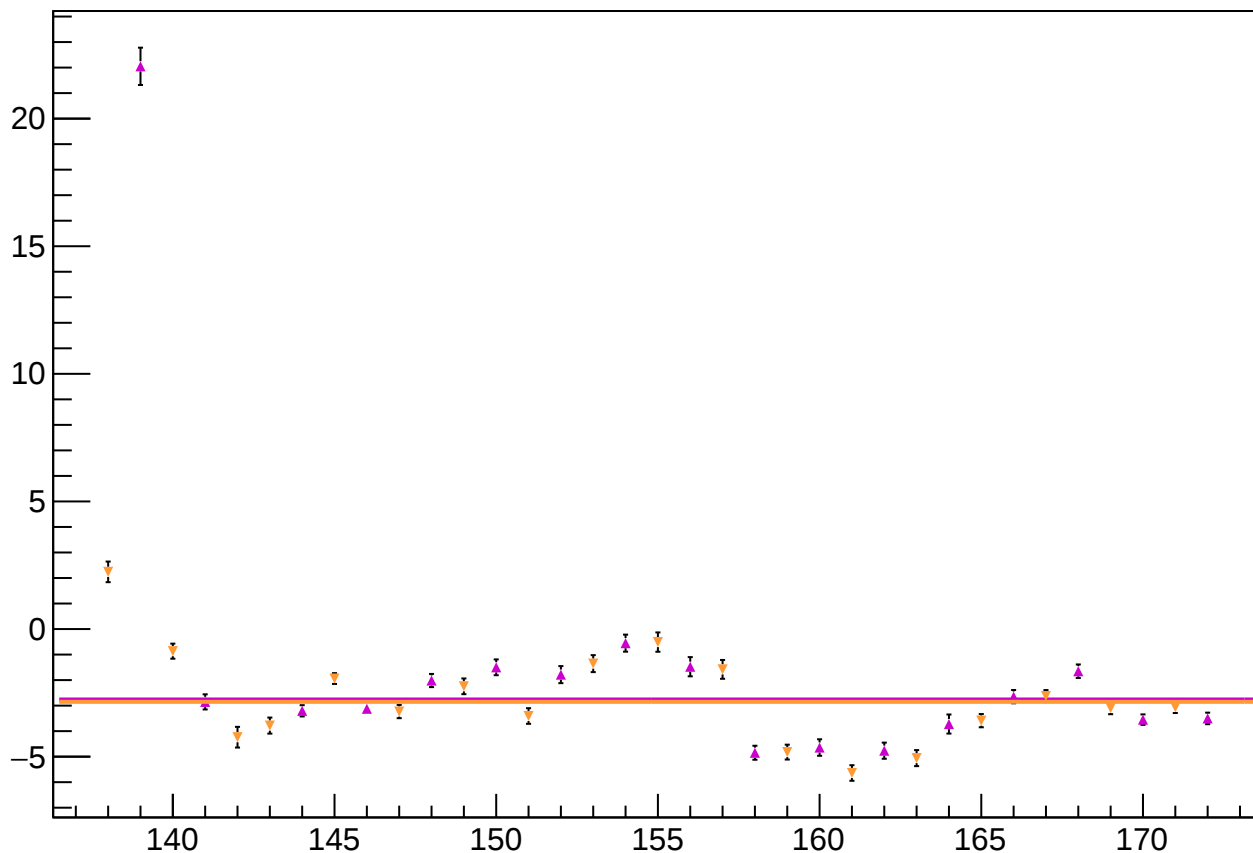
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.373 $\pm$ 0.092 χ^2 /NDF:559.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.900 $\pm$ 0.090 χ^2 /NDF:802.4/16

Left: 2.133 $\pm$ 0.064 χ^2 /NDF: 1375.4/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.900 $\pm$ 0.090 χ^2 /NDF:802.4/16
 Out: 2.373 $\pm$ 0.092 χ^2 /NDF:559.5/17
 All: 2.133 $\pm$ 0.064 χ^2 /NDF: 1375.4/34

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: -2.852+/-0.068 χ^2/NDF :511.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.760+/-0.067 χ^2/NDF :1429.8/16

Left: -2.805+/-0.048 χ^2/NDF : 1942.6/34

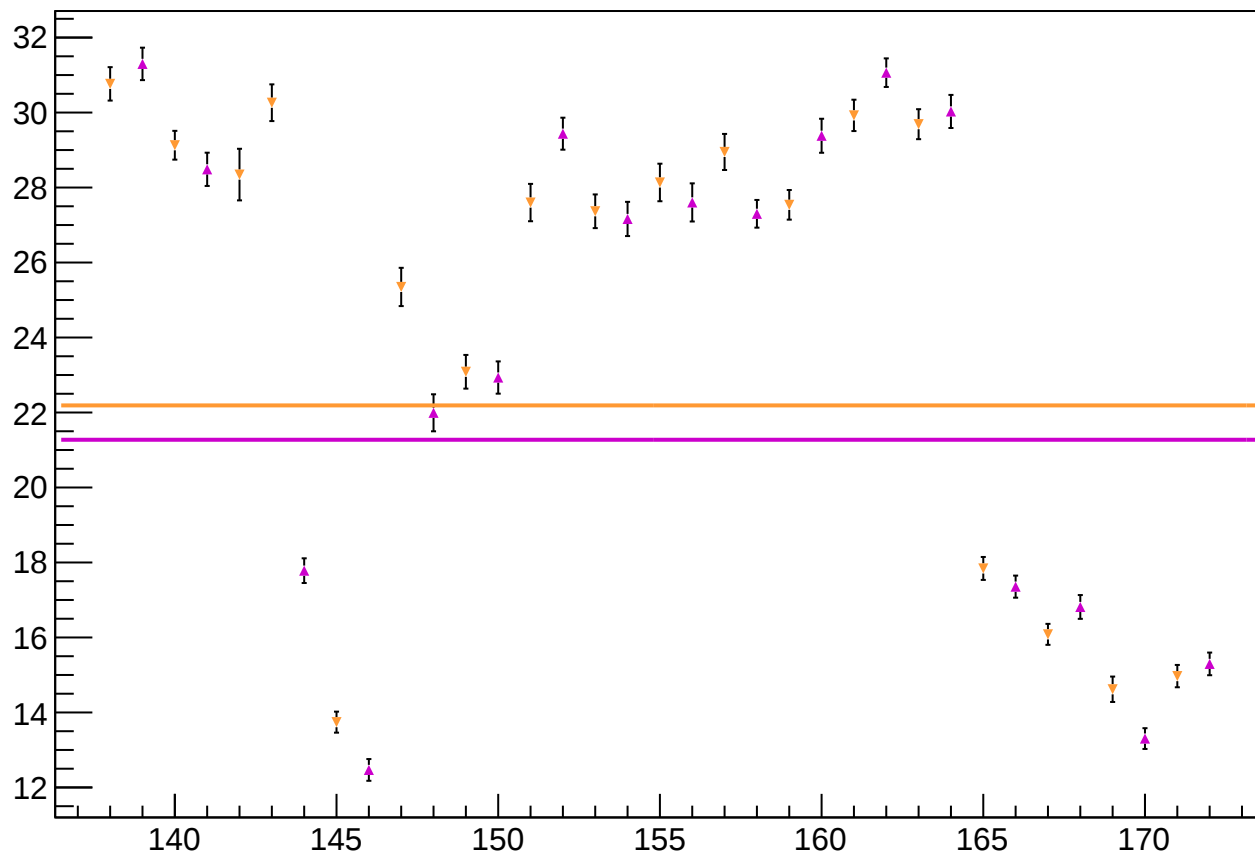
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.760+/-0.067 χ^2/NDF :1429.8/16

Out: -2.852+/-0.068 χ^2/NDF :511.9/17

All: -2.805+/-0.048 χ^2/NDF : 1942.6/34

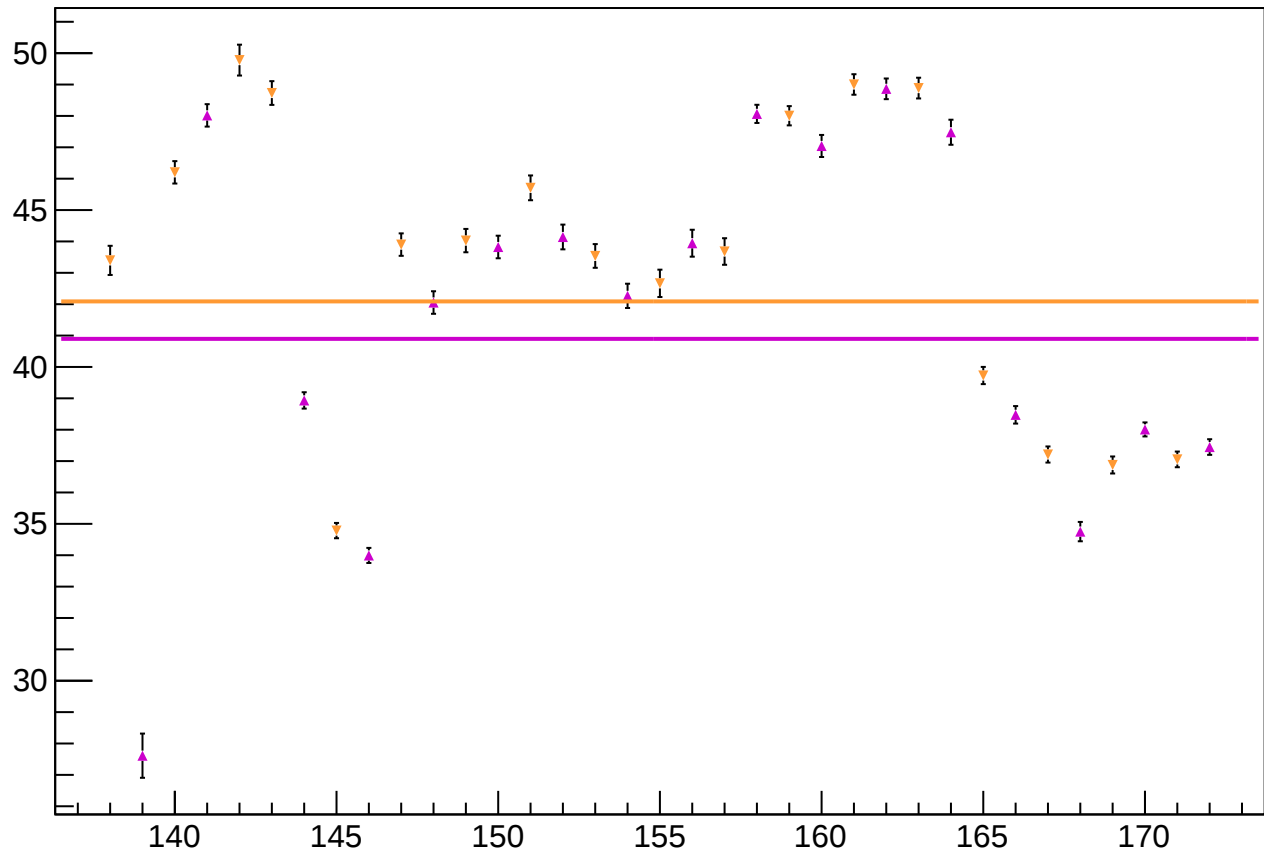
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.189 $\pm$ 0.092 χ^2 /NDF:5230.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 21.273 $\pm$ 0.089 χ^2 /NDF:5773.0/16

Left: 21.720 $\pm$ 0.064 χ^2 /NDF: 11054.7/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 21.273 $\pm$ 0.089 χ^2 /NDF:5773.0/16
 Out: 22.189 $\pm$ 0.092 χ^2 /NDF:5230.6/17
 All: 21.720 $\pm$ 0.064 χ^2 /NDF: 11054.7/34

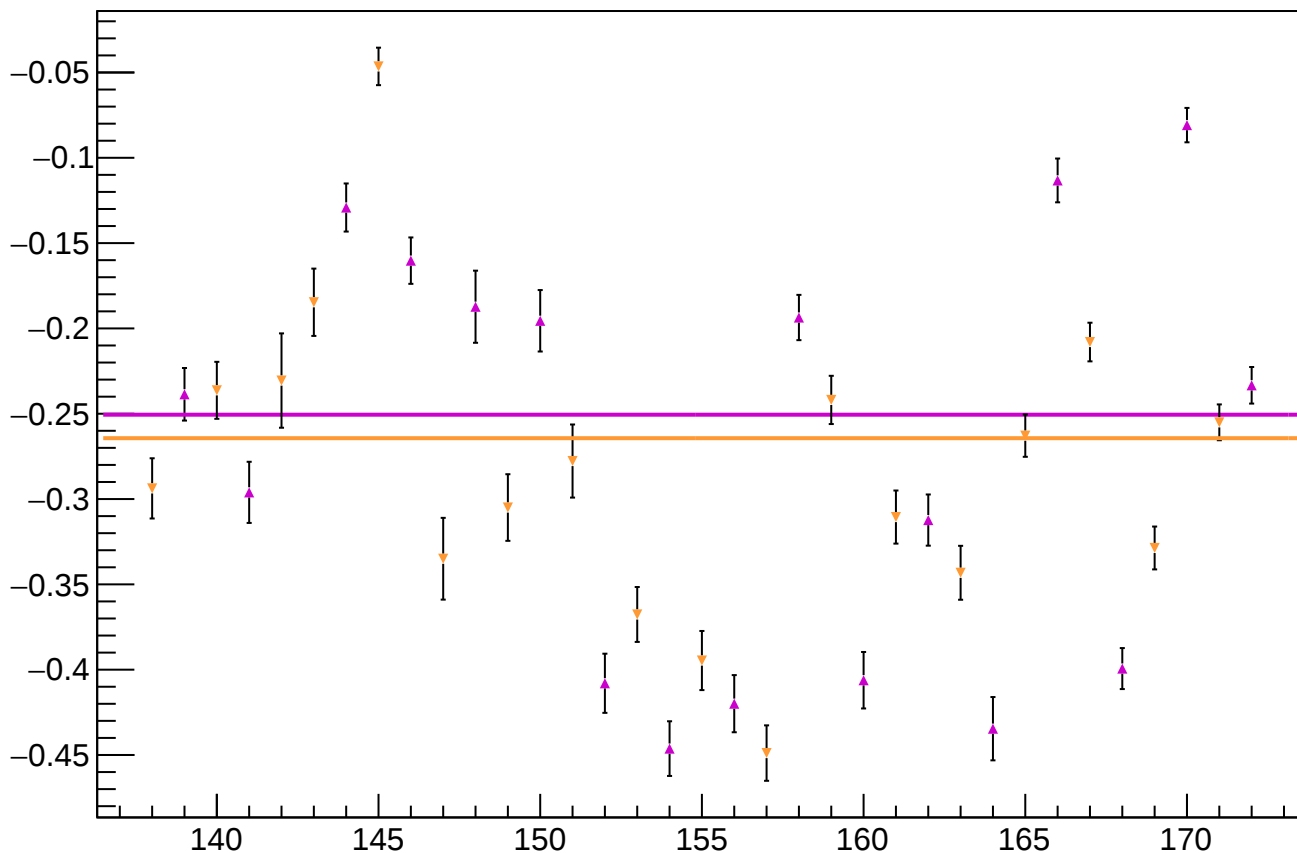
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.089+/-0.077 χ^2/NDF :4210.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.895+/-0.076 χ^2/NDF :4447.3/16

Left: 41.485+/-0.054 χ^2/NDF : 8778.3/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.895+/-0.076 χ^2/NDF :4447.3/16
 Out: 42.089+/-0.077 χ^2/NDF :4210.7/17
 All: 41.485+/-0.054 χ^2/NDF : 8778.3/34

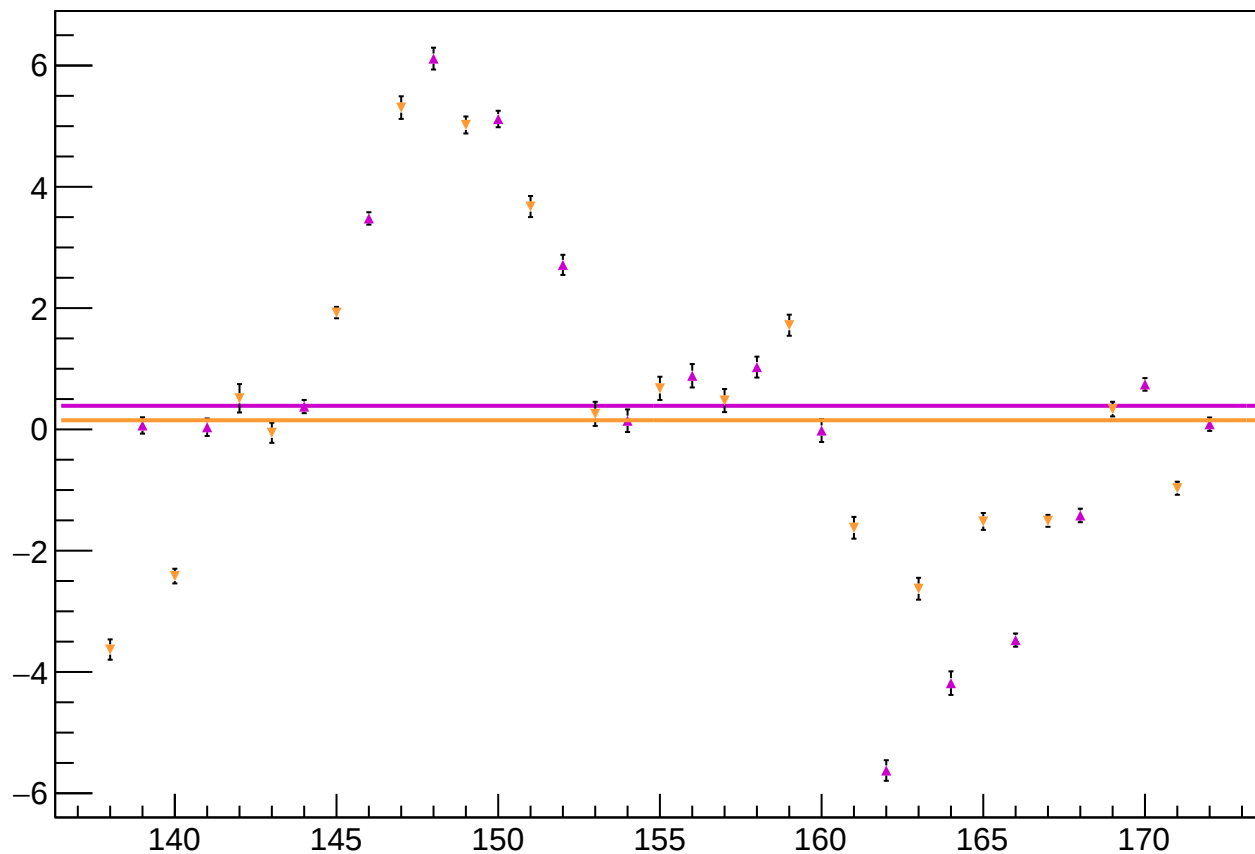
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.264 $\pm$ 0.004 χ^2/NDF : 745.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.251 $\pm$ 0.003 χ^2/NDF : 1253.7/16

Left: -0.257 $\pm$ 0.002 χ^2/NDF : 2006.5/34
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.251 $\pm$ 0.003 χ^2/NDF : 1253.7/16
 Out: -0.264 $\pm$ 0.004 χ^2/NDF : 745.2/17
 All: -0.257 $\pm$ 0.002 χ^2/NDF : 2006.5/34

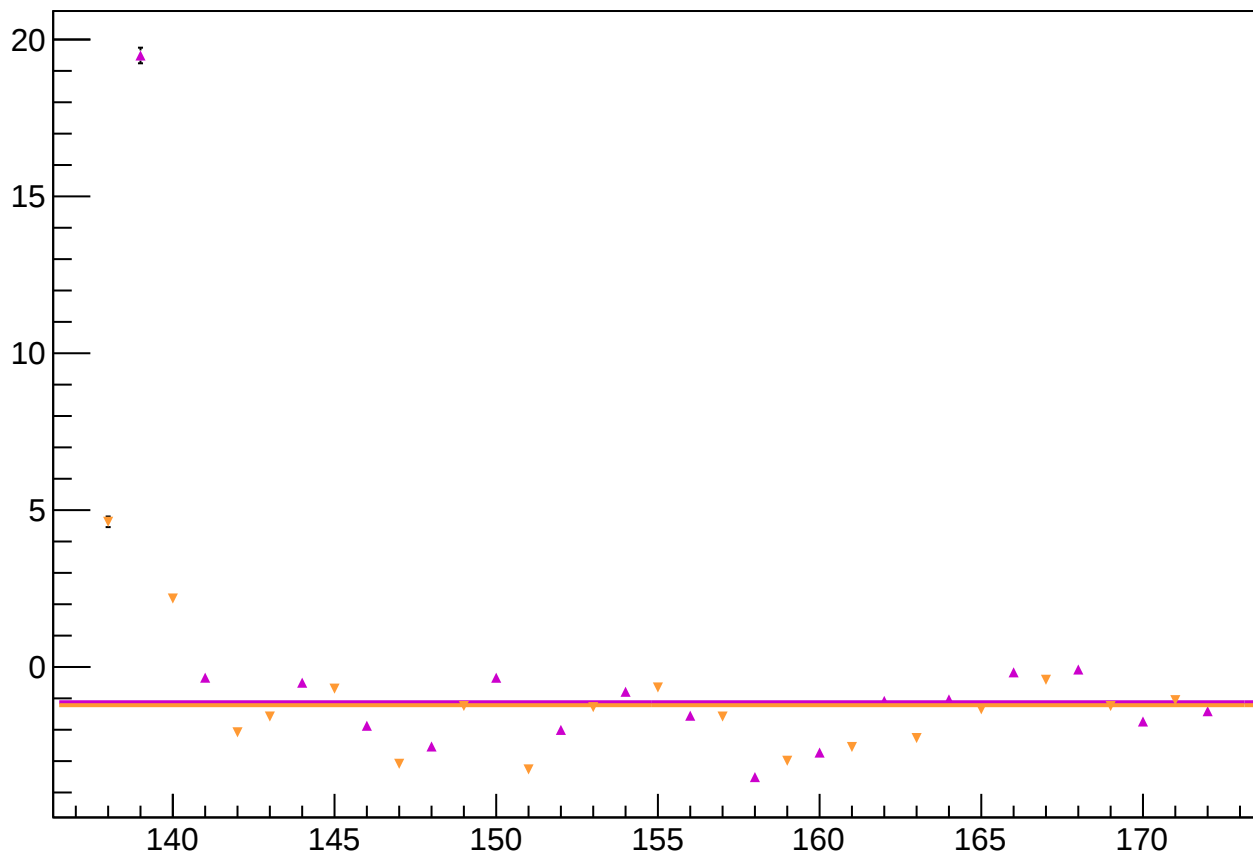
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.151 $\pm$ 0.034 χ^2 /NDF:4669.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.389 $\pm$ 0.033 χ^2 /NDF:6717.8/16

Left: 0.273 $\pm$ 0.024 χ^2 /NDF: 11413.2/34
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.389 $\pm$ 0.033 χ^2 /NDF:6717.8/16
 Out: 0.151 $\pm$ 0.034 χ^2 /NDF:4669.9/17
 All: 0.273 $\pm$ 0.024 χ^2 /NDF: 11413.2/34

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



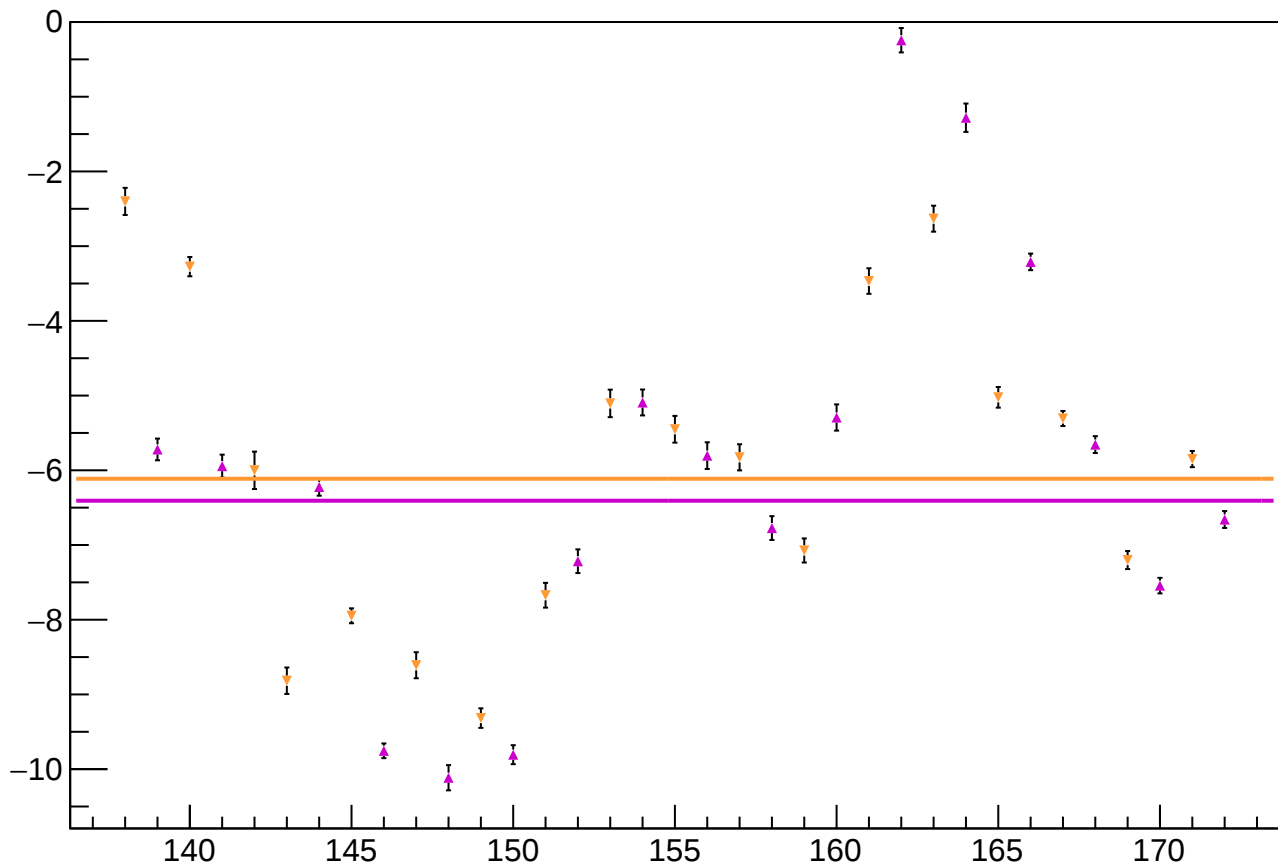
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.124+/-0.024 χ^2/NDF : 8340.2/16

Left: -1.170+/-0.017 χ^2/NDF : 12132.4/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.124+/-0.024 χ^2/NDF : 8340.2/16
 Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17

All: -1.170+/-0.017 χ^2/NDF : 12132.4/34

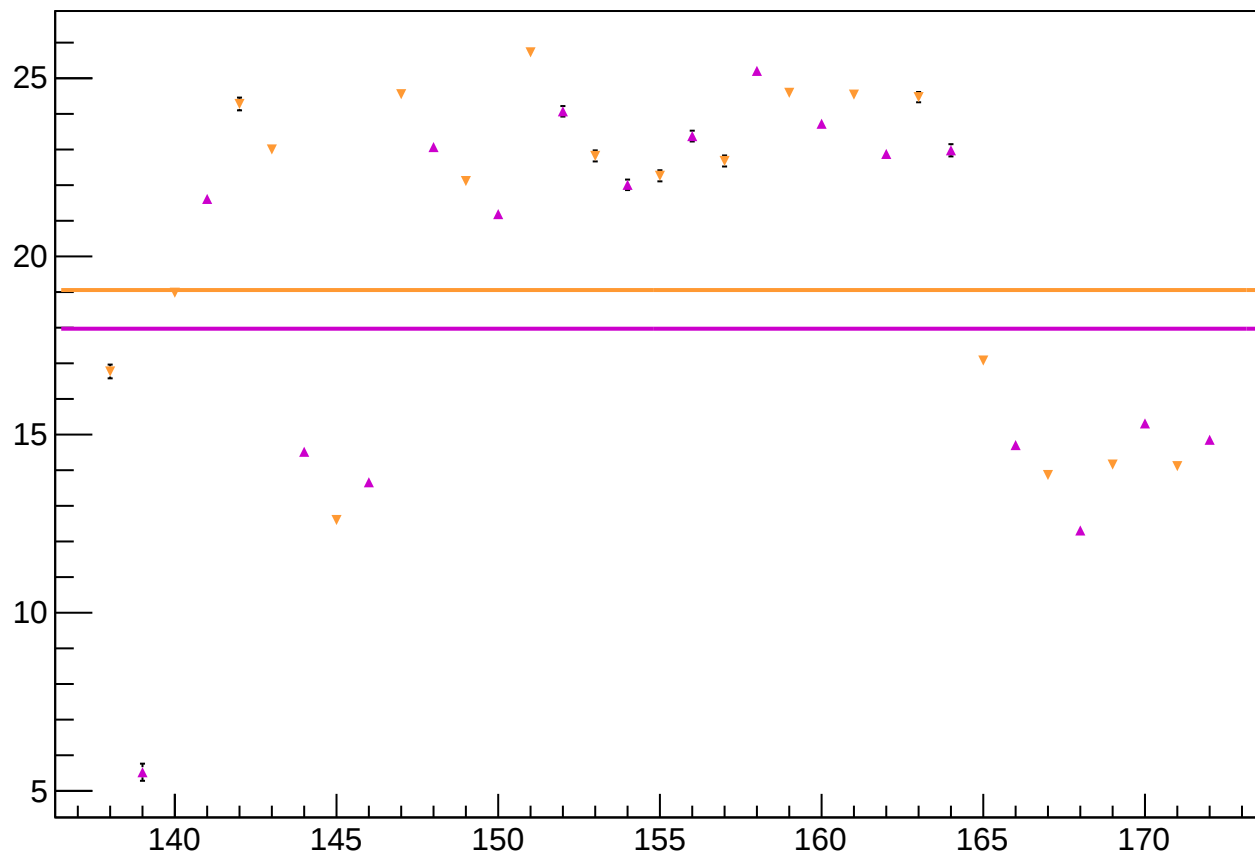
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -6.113 ± 0.034 $\chi^2/\text{NDF}: 3301.8/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.407 ± 0.033 $\chi^2/\text{NDF}: 5680.2/16$

Left: -6.265 ± 0.024 $\chi^2/\text{NDF}: 9021.0/34$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.407 ± 0.033 $\chi^2/\text{NDF}: 5680.2/16$
 Out: -6.113 ± 0.034 $\chi^2/\text{NDF}: 3301.8/17$
 All: -6.265 ± 0.024 $\chi^2/\text{NDF}: 9021.0/34$

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: 19.056+/-0.029 χ^2/NDF :28036.7/17

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

Left In: 17.971+/-0.028 χ^2/NDF :26949.2/16

Left: 18.503+/-0.020 χ^2/NDF : 55716.5/34

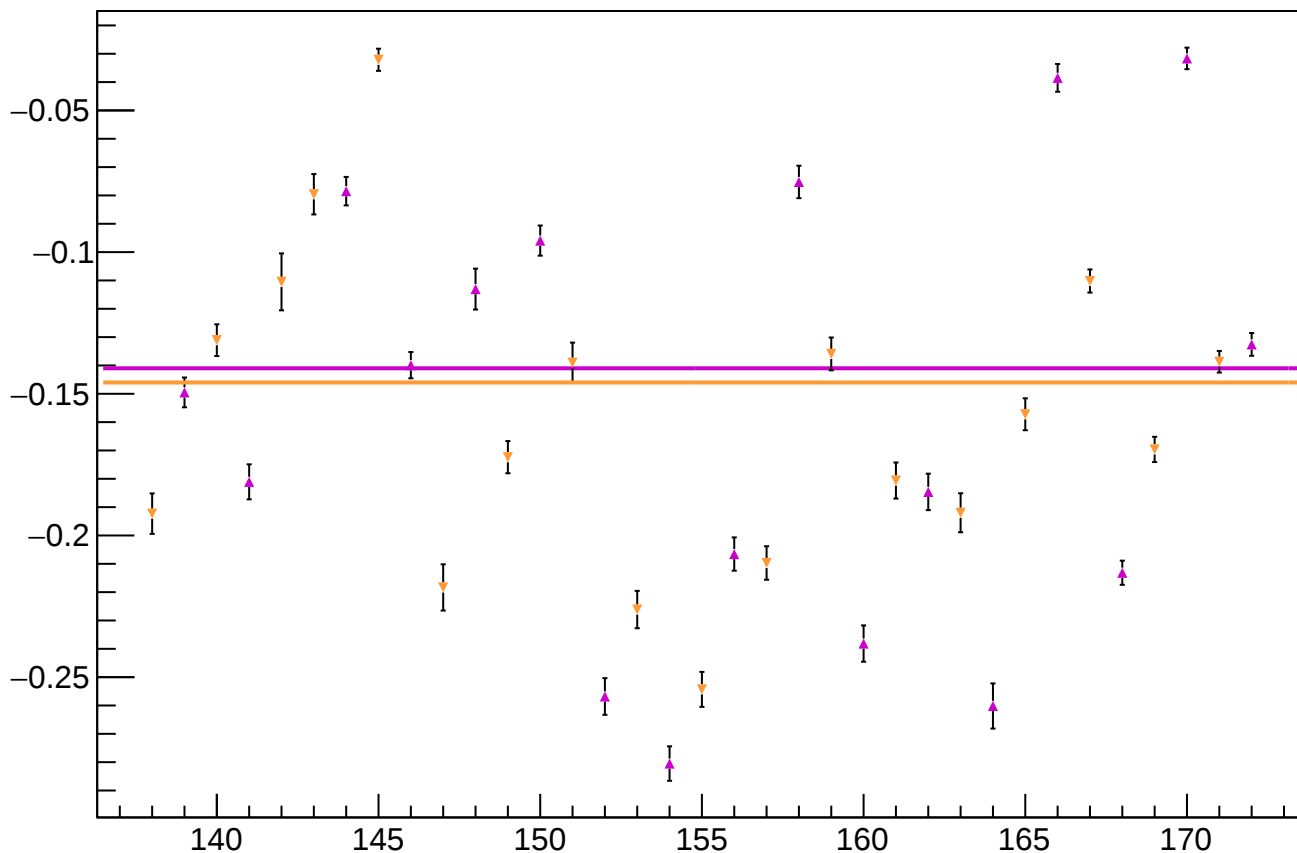
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.971+/-0.028 χ^2/NDF :26949.2/16

Out: 19.056+/-0.029 χ^2/NDF :28036.7/17

All: 18.503+/-0.020 χ^2/NDF : 55716.5/34

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: -0.146+/-0.001 χ^2/NDF :1860.7/17

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

Left In: -0.141+/-0.001 χ^2/NDF :3448.9/16

Left: -0.143+/-0.001 χ^2/NDF : 5317.0/34

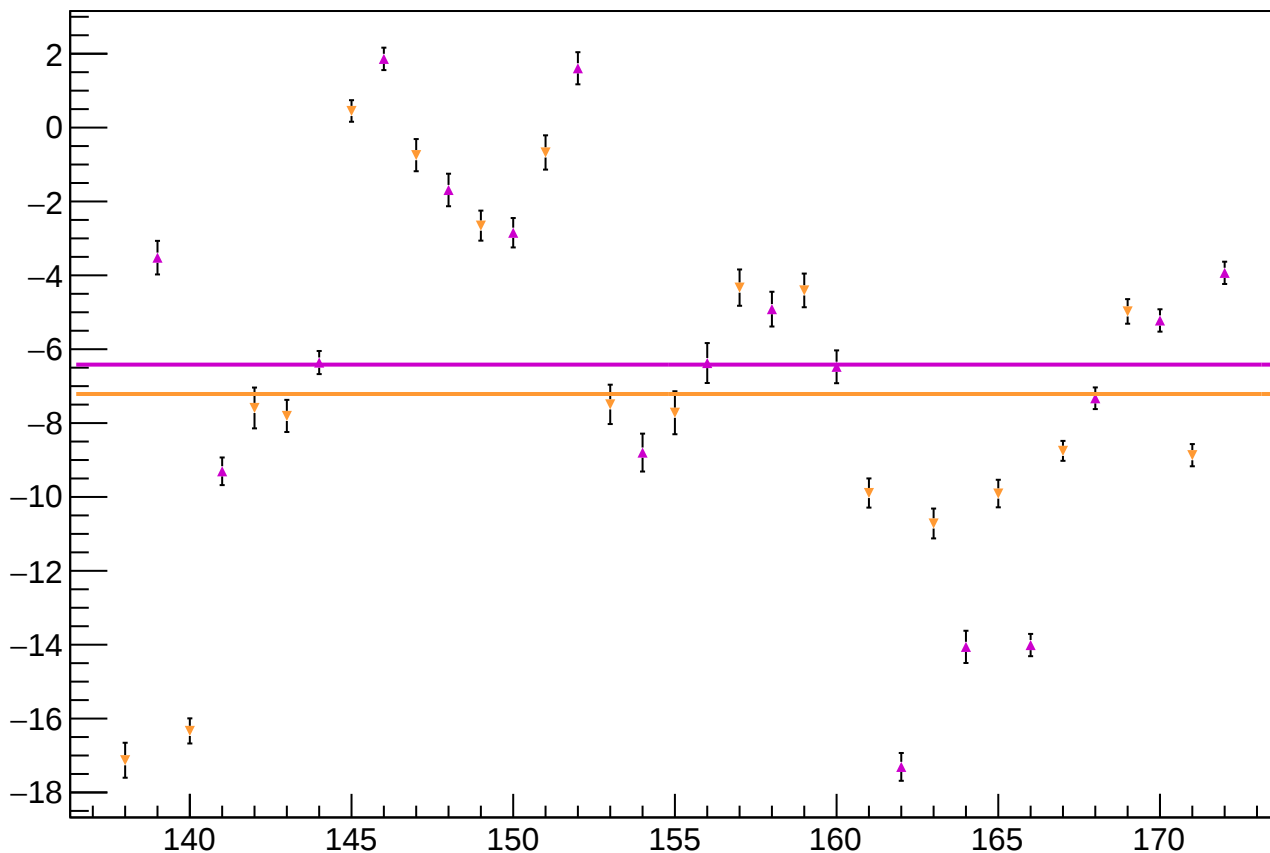
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.141+/-0.001 χ^2/NDF :3448.9/16

Out: -0.146+/-0.001 χ^2/NDF :1860.7/17

All: -0.143+/-0.001 χ^2/NDF : 5317.0/34

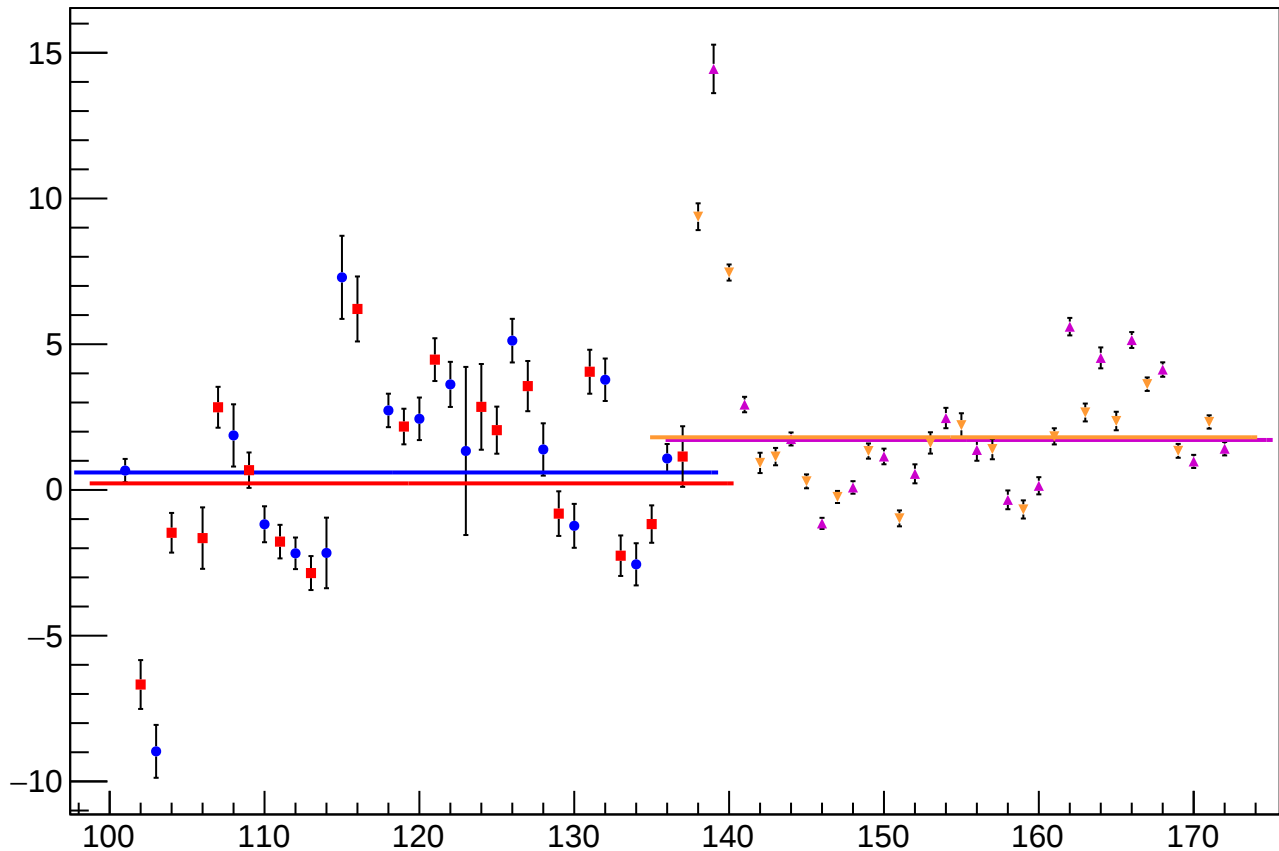
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.212+/-0.092 χ^2/NDF :2748.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.417+/-0.090 χ^2/NDF :3282.6/16

Left: -6.806+/-0.064 χ^2/NDF : 6069.6/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.417+/-0.090 χ^2/NDF :3282.6/16
 Out: -7.212+/-0.092 χ^2/NDF :2748.8/17
 All: -6.806+/-0.064 χ^2/NDF : 6069.6/34

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: 1.807 ± 0.066 χ^2/NDF : 1093.4/17

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.715 ± 0.066 χ^2/NDF : 1124.0/16

Left: 1.761 ± 0.047 χ^2/NDF : 2218.4/34

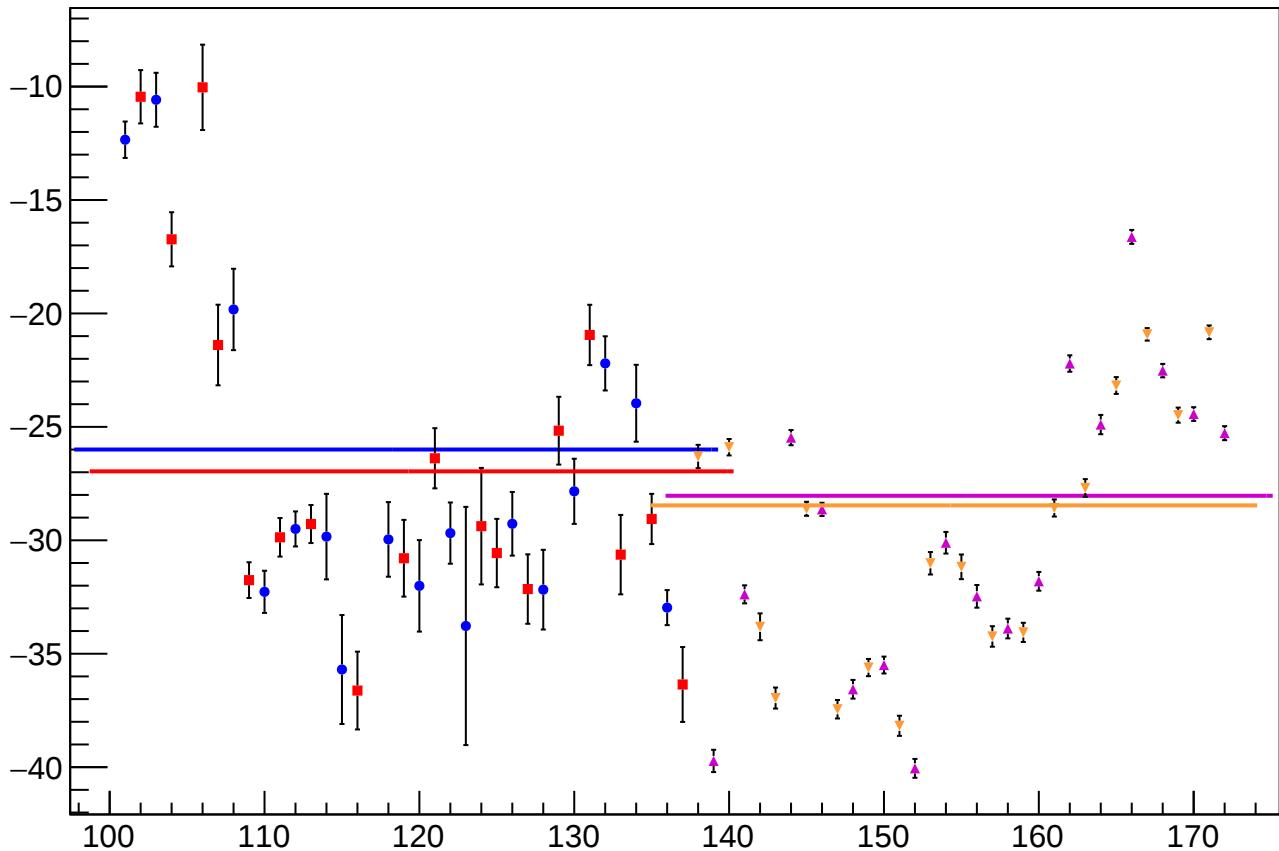
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.569 ± 0.061 χ^2/NDF : 1453.7/33

Out: 1.607 ± 0.062 χ^2/NDF : 1438.2/35

All: 1.588 ± 0.044 χ^2/NDF : 2892.0/69

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: -28.460 ± 0.092 χ^2/NDF : 3927.2/17

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -28.037 ± 0.089 χ^2/NDF : 5030.6/16

Left: -28.243 ± 0.064 χ^2/NDF : 8968.8/34

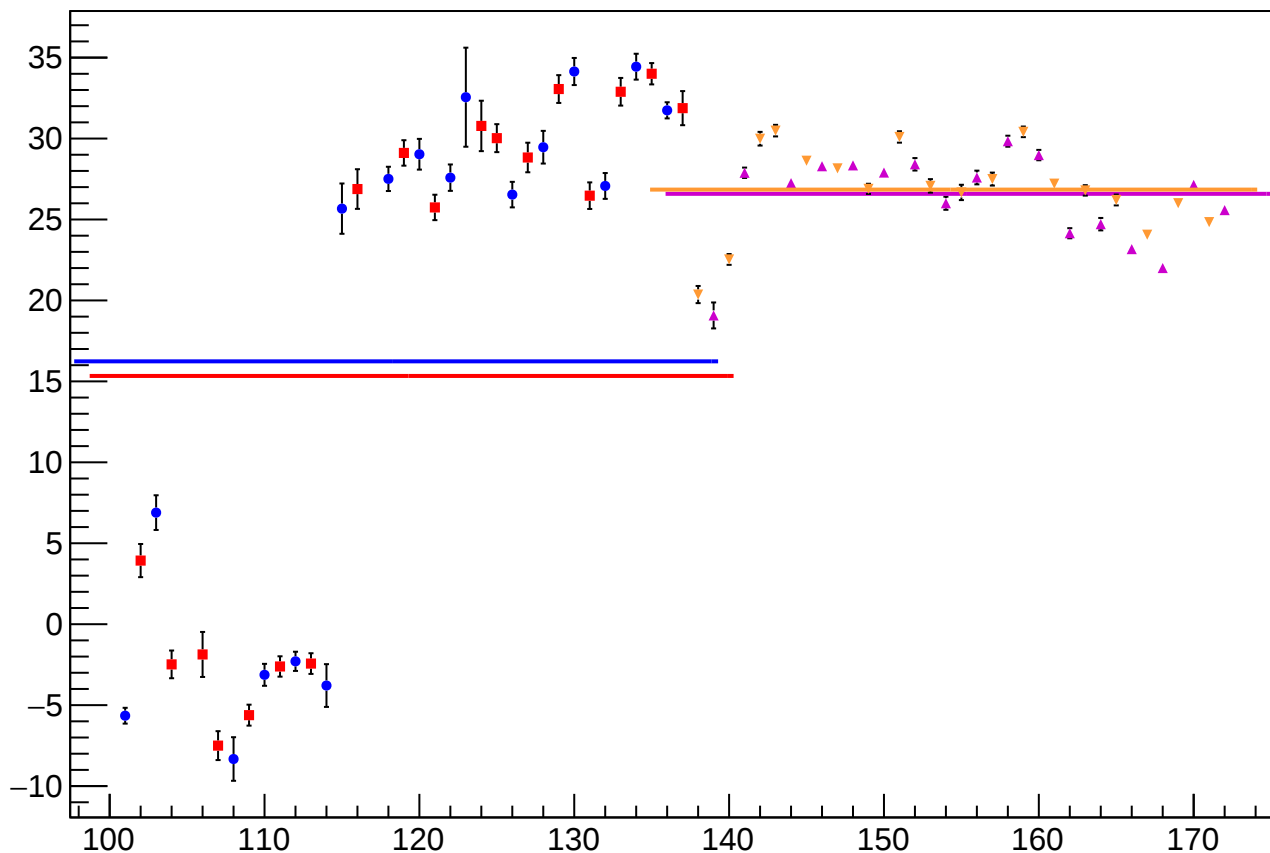
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -27.872 ± 0.085 χ^2/NDF : 5765.6/33

Out: -28.331 ± 0.088 χ^2/NDF : 4485.7/35

All: -28.096 ± 0.061 χ^2/NDF : 10265.5/69

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: 26.847 $\pm$ 0.077 χ^2 /NDF:943.6/17

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.585 $\pm$ 0.076 χ^2 /NDF:885.6/16

Left: 26.715 $\pm$ 0.054 χ^2 /NDF: 1835.0/34

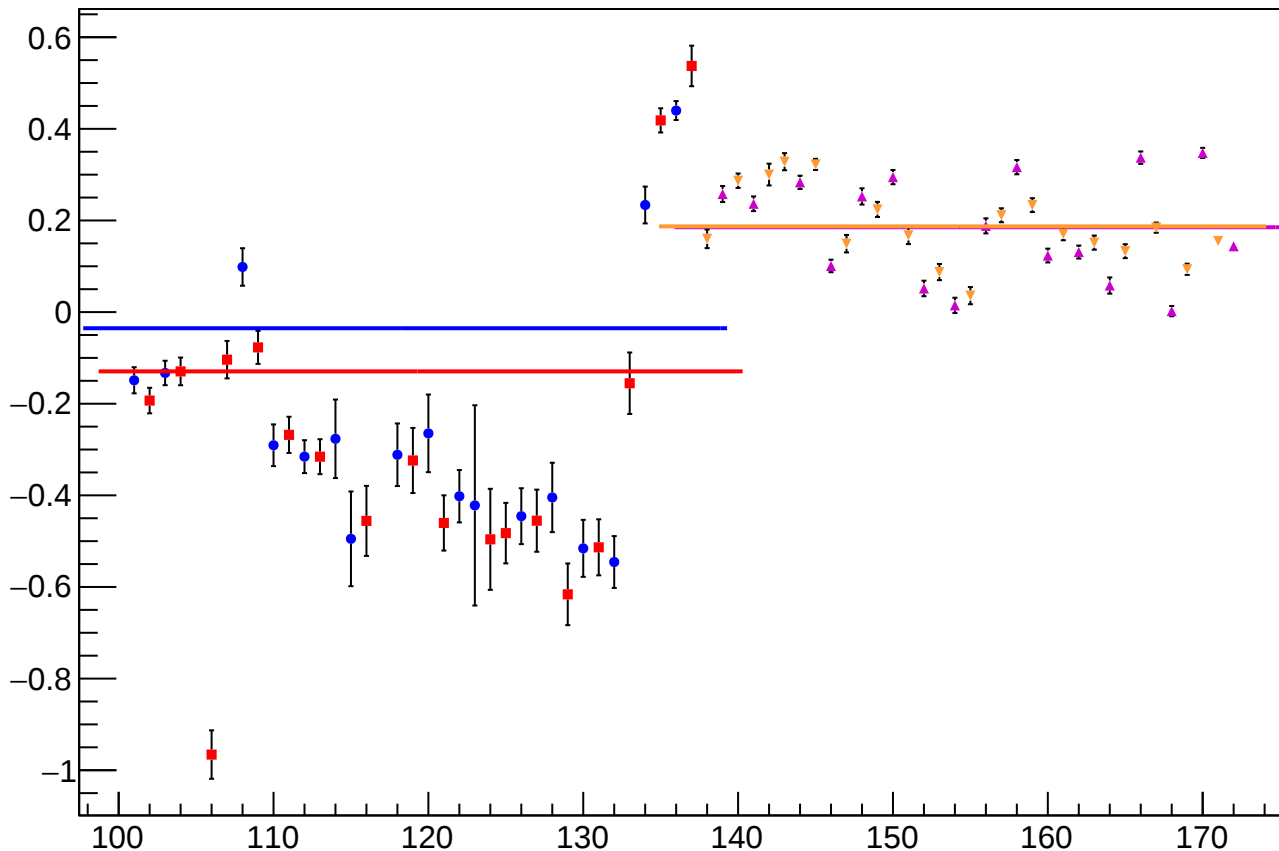
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.184 $\pm$ 0.070 χ^2 /NDF:10993.3/33

Out: 25.337 $\pm$ 0.071 χ^2 /NDF:11165.3/35

All: 25.259 $\pm$ 0.050 χ^2 /NDF: 22160.9/69

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: 0.187 ± 0.004 χ^2/NDF : 450.8/17

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.185 ± 0.003 χ^2/NDF : 1117.4/16

Left: 0.186 ± 0.002 χ^2/NDF : 1568.3/34

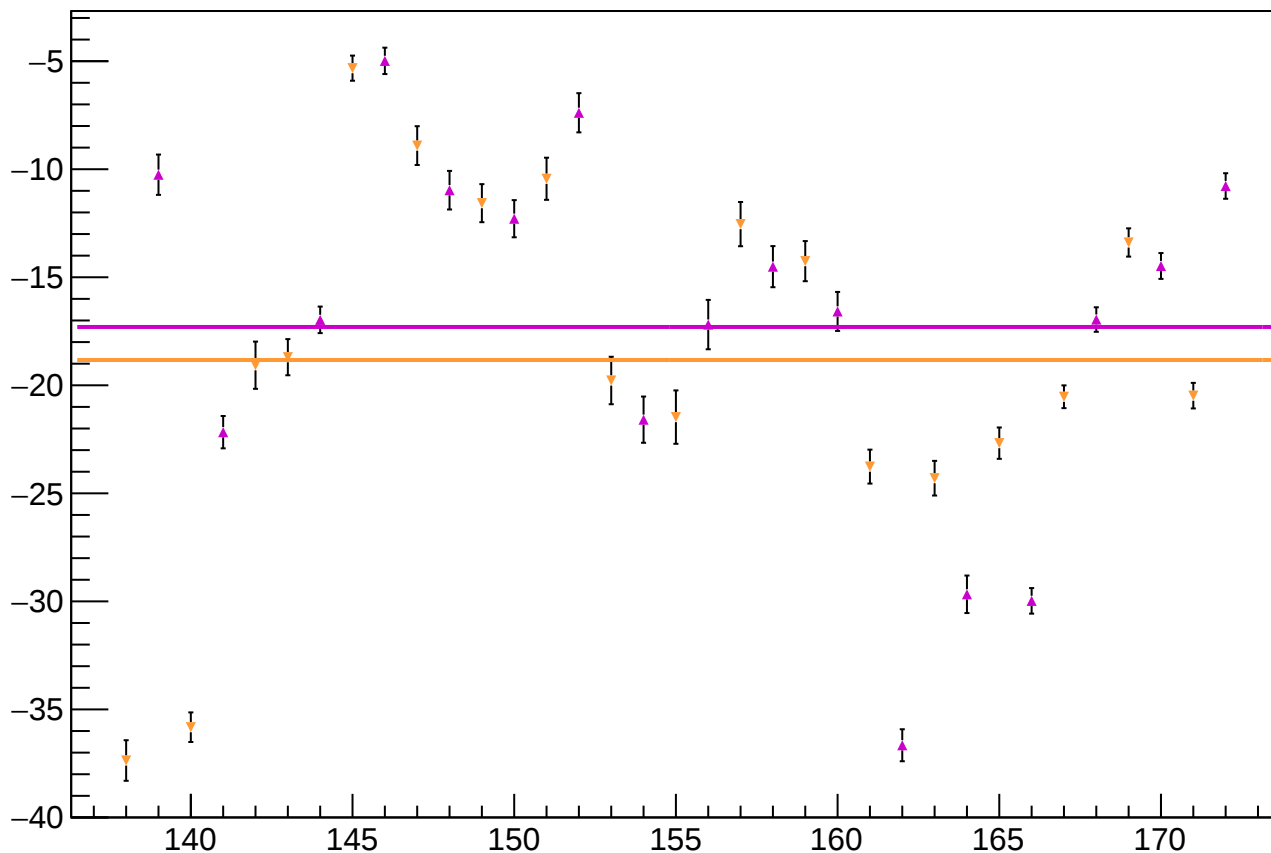
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.163 ± 0.003 χ^2/NDF : 2540.1/33

Out: 0.154 ± 0.003 χ^2/NDF : 2442.9/35

All: 0.158 ± 0.002 χ^2/NDF : 4986.4/69

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: -18.829 ± 0.184 χ^2/NDF : 2077.7/17

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

Left In: -17.300 ± 0.180 χ^2/NDF : 2225.6/16

Left: -18.048 ± 0.129 χ^2/NDF : 4338.5/34

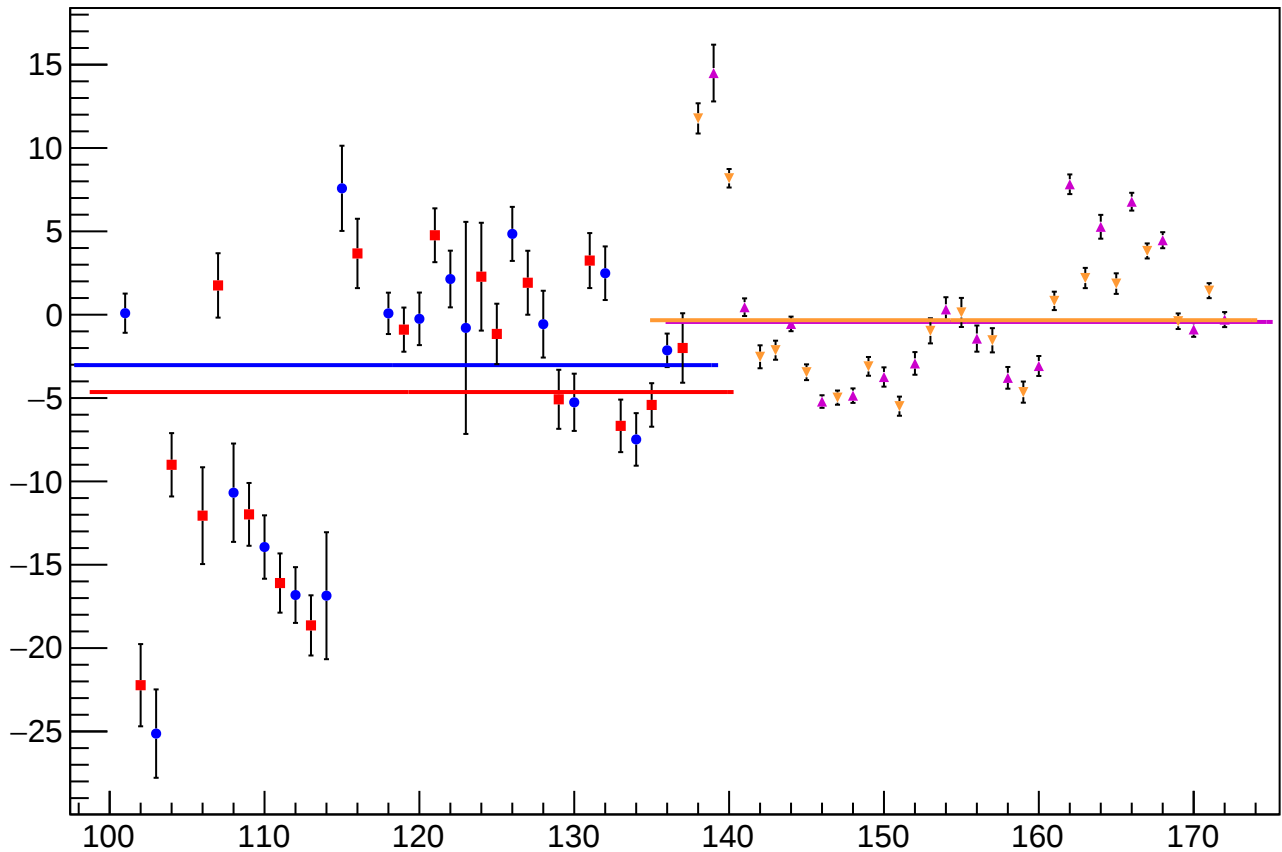
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -17.300 ± 0.180 χ^2/NDF : 2225.6/16

Out: -18.829 ± 0.184 χ^2/NDF : 2077.7/17

All: -18.048 ± 0.129 χ^2/NDF : 4338.5/34

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: -0.331 ± 0.133 χ^2/NDF : 885.8/17

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -0.435 ± 0.131 χ^2/NDF : 985.1/16

Left: -0.383 ± 0.094 χ^2/NDF : 1871.3/34

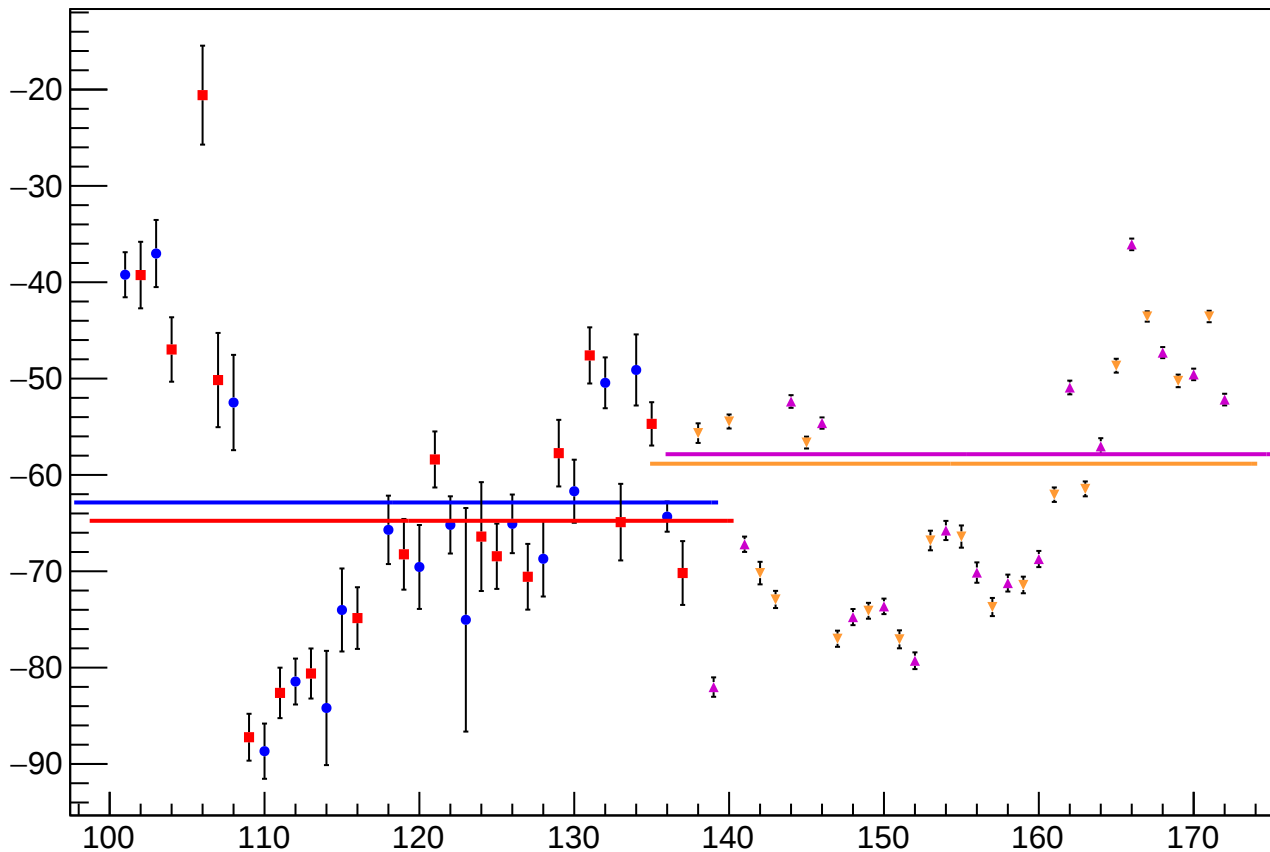
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.679 ± 0.125 χ^2/NDF : 1302.3/33

Out: -0.714 ± 0.127 χ^2/NDF : 1273.6/35

All: -0.696 ± 0.089 χ^2/NDF : 2576.0/69

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -58.836 $\pm$ 0.184 χ^2 /NDF:4027.3/17

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -57.850 $\pm$ 0.179 χ^2 /NDF:4830.9/16

Left: -58.329 $\pm$ 0.128 χ^2 /NDF: 8873.0/34

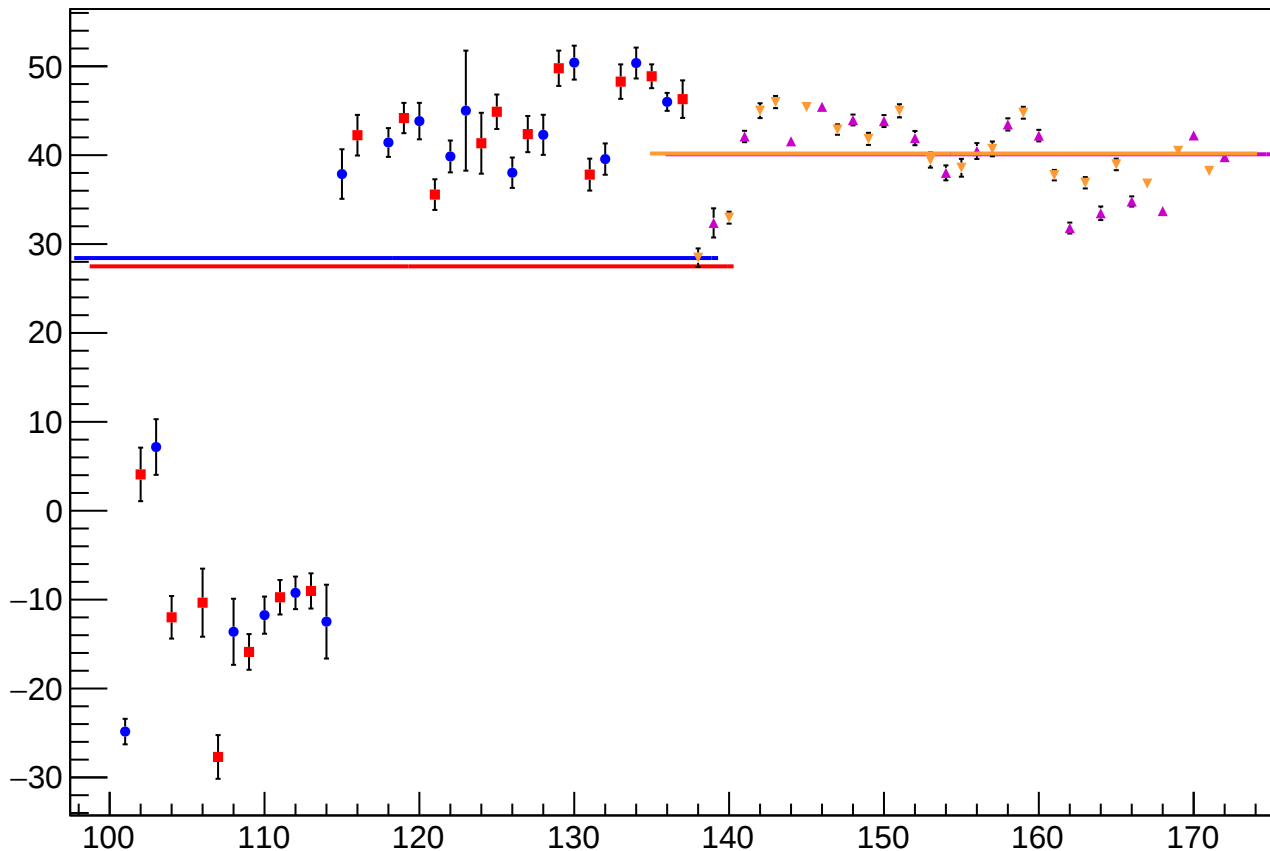
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -58.126 $\pm$ 0.174 χ^2 /NDF:5242.0/33

Out: -59.169 $\pm$ 0.178 χ^2 /NDF:4501.8/35

All: -58.633 $\pm$ 0.124 χ^2 /NDF: 9761.4/69

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: 40.187 $\pm$ 0.154 χ^2 /NDF: 666.1/17

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.099 $\pm$ 0.152 χ^2 /NDF: 776.9/16

Left: 40.142 $\pm$ 0.108 χ^2 /NDF: 1443.2/34

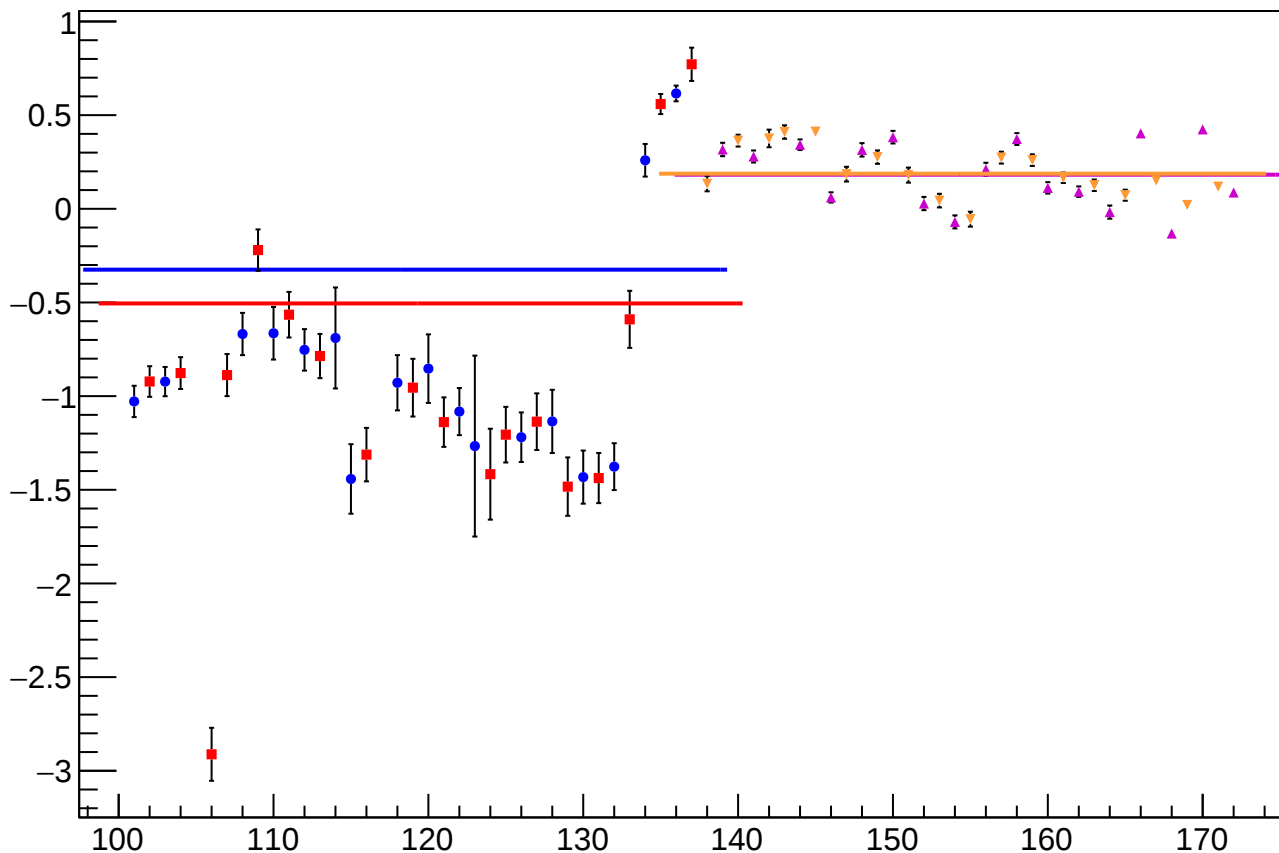
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.945 $\pm$ 0.144 χ^2 /NDF: 4685.2/33

Out: 39.001 $\pm$ 0.146 χ^2 /NDF: 4331.3/35

All: 38.973 $\pm$ 0.103 χ^2 /NDF: 9016.6/69

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: 0.187 ± 0.007 χ^2/NDF : 325.3/17

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.182 ± 0.007 χ^2/NDF : 699.3/16

Left: 0.185 ± 0.005 χ^2/NDF : 1024.9/34

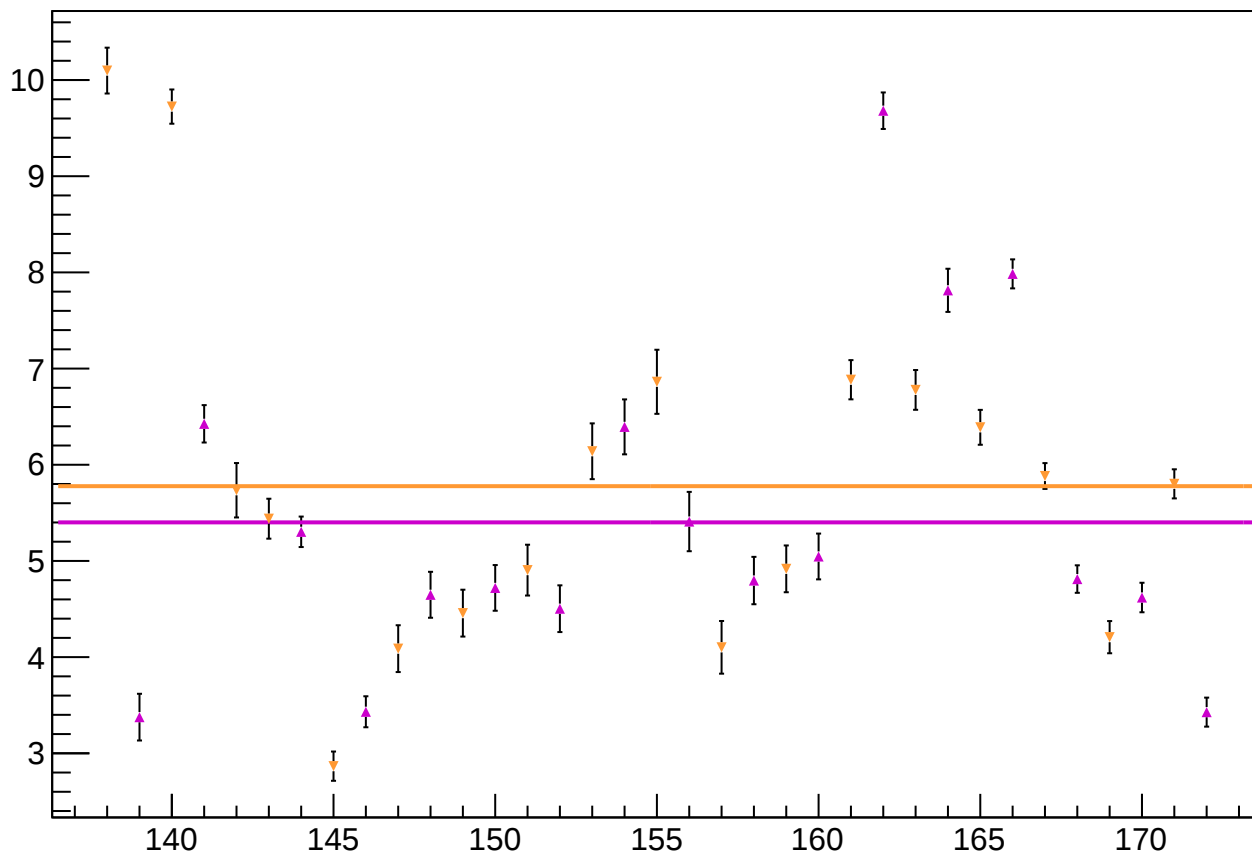
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.145 ± 0.007 χ^2/NDF : 2094.5/33

Out: 0.138 ± 0.007 χ^2/NDF : 2159.6/35

All: 0.141 ± 0.005 χ^2/NDF : 4254.6/69

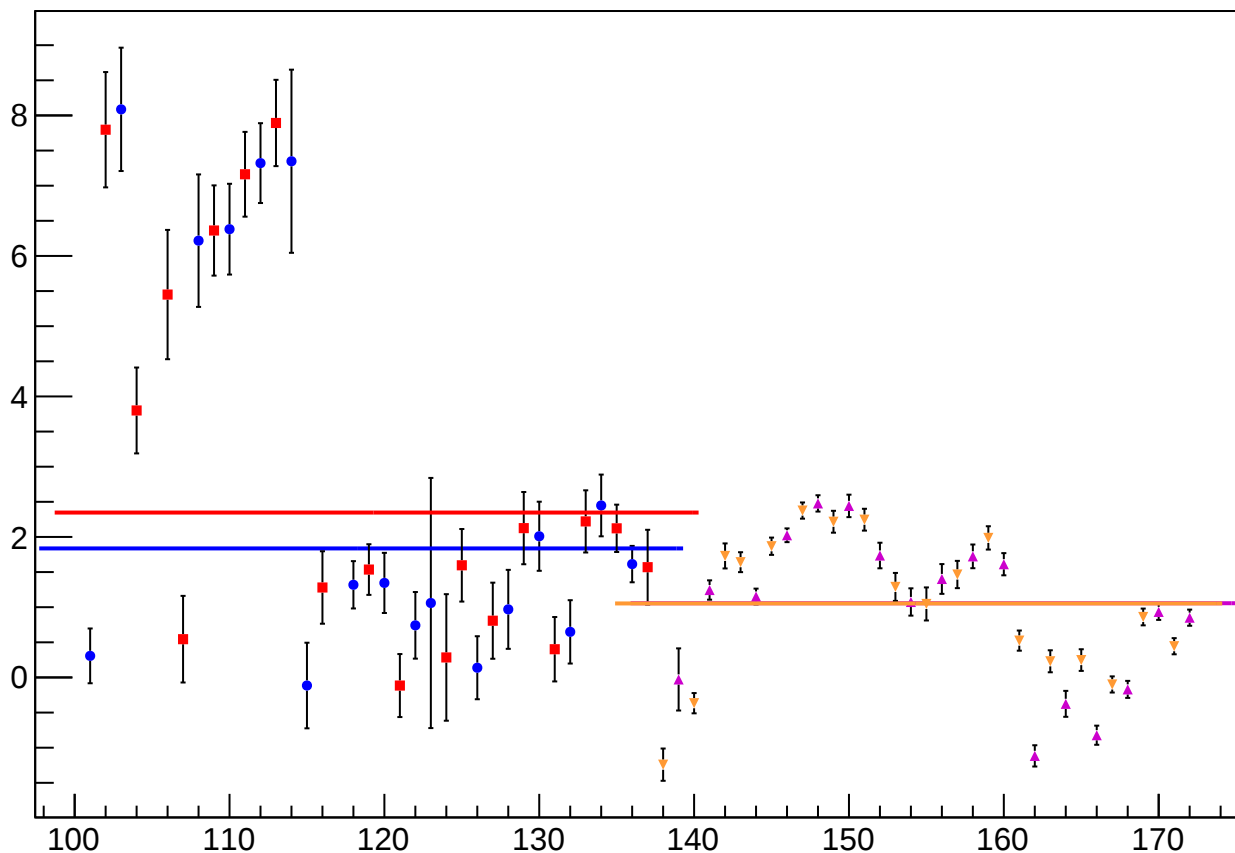
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.401+/-0.047 χ^2/NDF :1430.0/16

Left: 5.585+/-0.033 χ^2/NDF : 2954.1/34
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.401+/-0.047 χ^2/NDF :1430.0/16
 Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 All: 5.585+/-0.033 χ^2/NDF : 2954.1/34

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.053 ± 0.035 χ^2/NDF : 755.8/17

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.057 ± 0.034 χ^2/NDF : 939.1/16

Left: 1.055 ± 0.024 χ^2/NDF : 1694.9/34

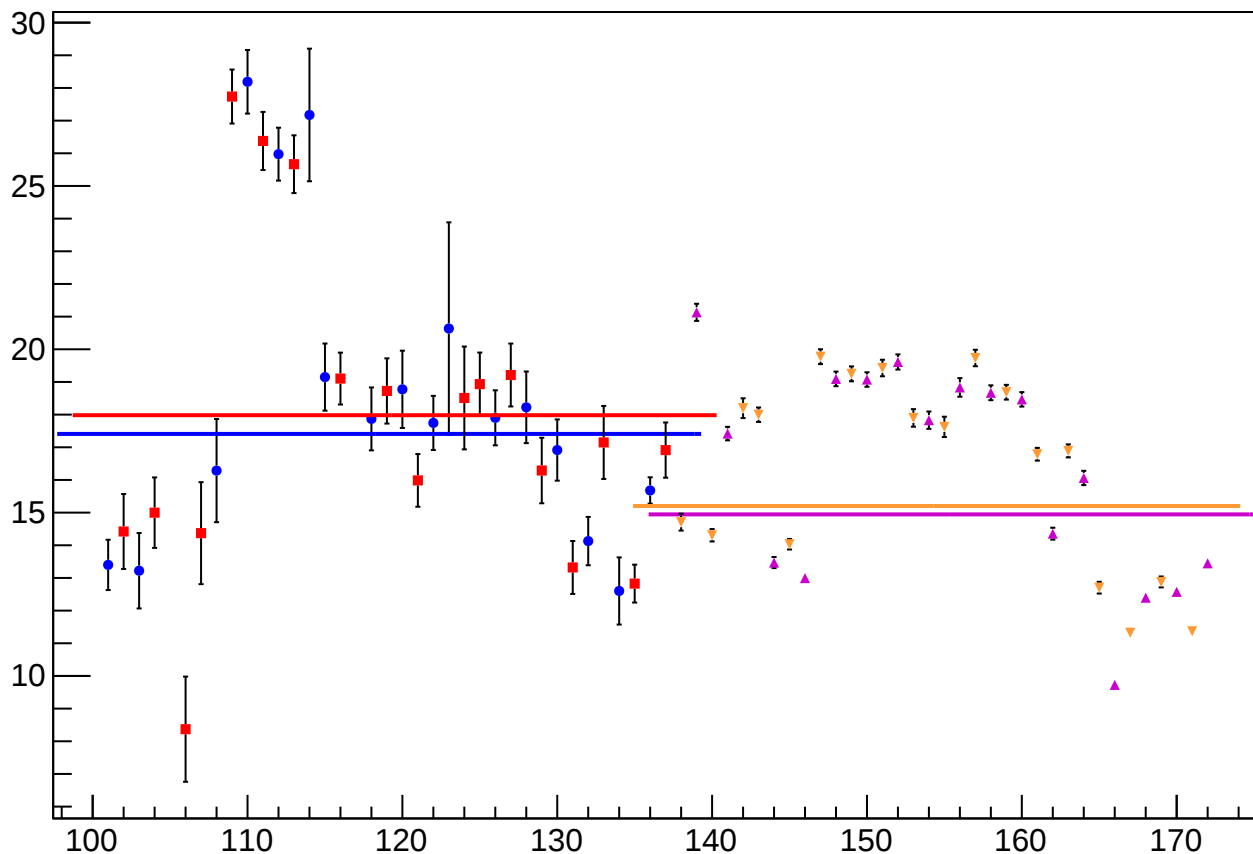
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.119 ± 0.033 χ^2/NDF : 1274.7/33

Out: 1.149 ± 0.033 χ^2/NDF : 1188.7/35

All: 1.134 ± 0.023 χ^2/NDF : 2463.9/69

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: 15.202 $\pm$ 0.048 χ^2 /NDF:4012.9/17

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 14.946 $\pm$ 0.046 χ^2 /NDF:4681.0/16

Left: 15.070 $\pm$ 0.033 χ^2 /NDF: 8708.7/34

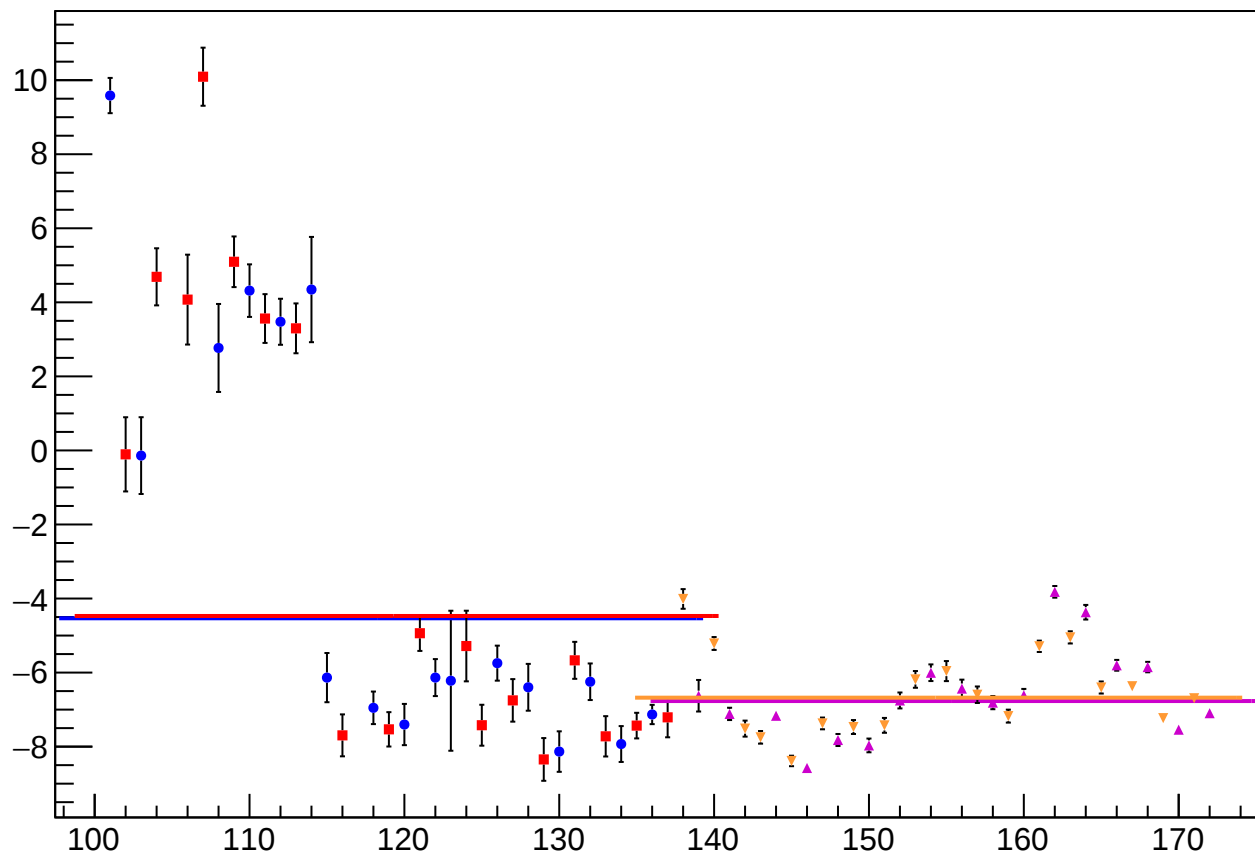
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.058 $\pm$ 0.045 χ^2 /NDF:5175.0/33

Out: 15.328 $\pm$ 0.047 χ^2 /NDF:4657.0/35

All: 15.189 $\pm$ 0.032 χ^2 /NDF: 9849.2/69

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: -6.677+/-0.040 χ^2/NDF : 646.4/17

Right Out: -4.471+/-0.137 χ^2/NDF : 1339.3/17

Left In: -6.769+/-0.039 χ^2/NDF : 952.6/16

Left: -6.724+/-0.028 χ^2/NDF : 1601.6/34

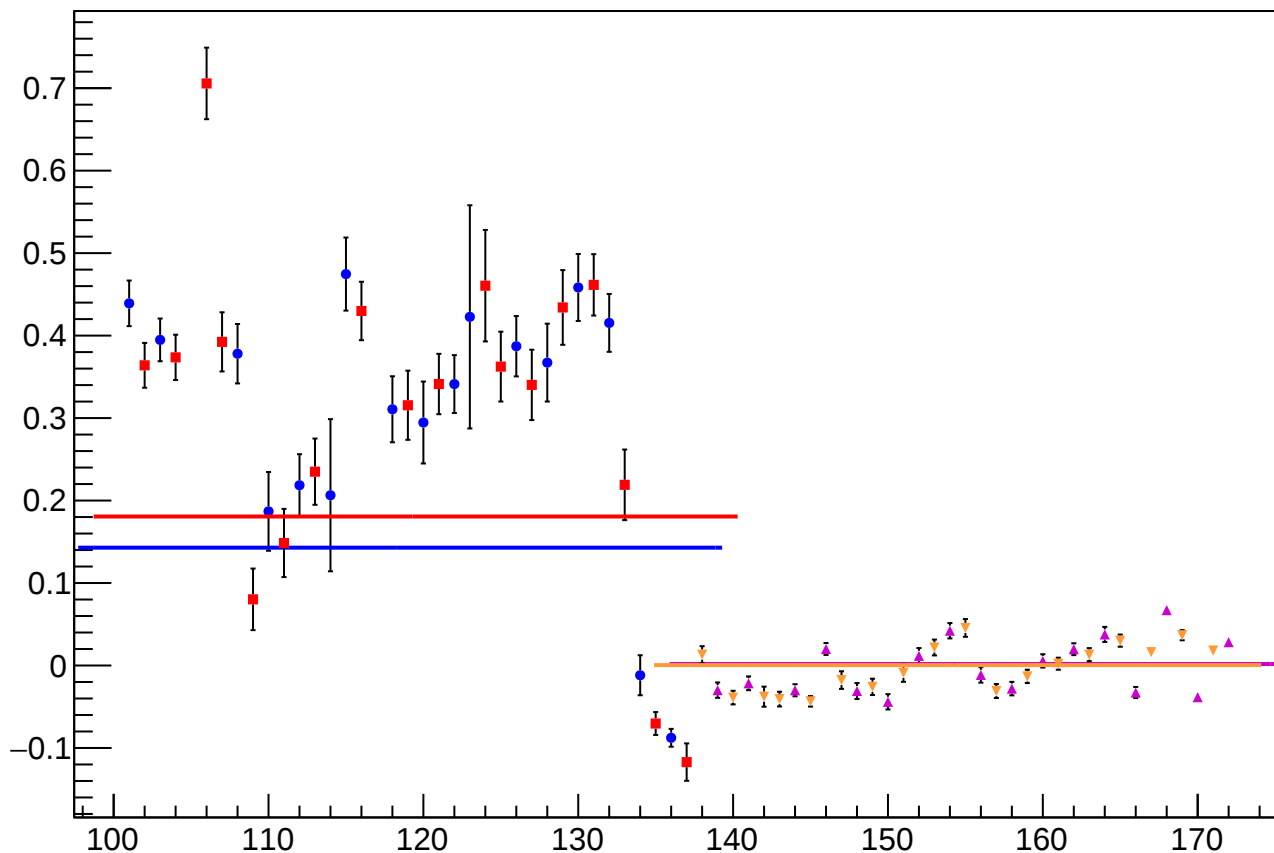
Right: -4.504+/-0.094 χ^2/NDF : 2927.8/34

In: -6.580+/-0.038 χ^2/NDF : 2813.1/33

Out: -6.505+/-0.038 χ^2/NDF : 2225.0/35

All: -6.543+/-0.027 χ^2/NDF : 5040.1/69

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.000 $\pm$ 0.002 χ^2 /NDF:225.1/17

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: 0.002 $\pm$ 0.002 χ^2 /NDF:379.4/16

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 604.7/34

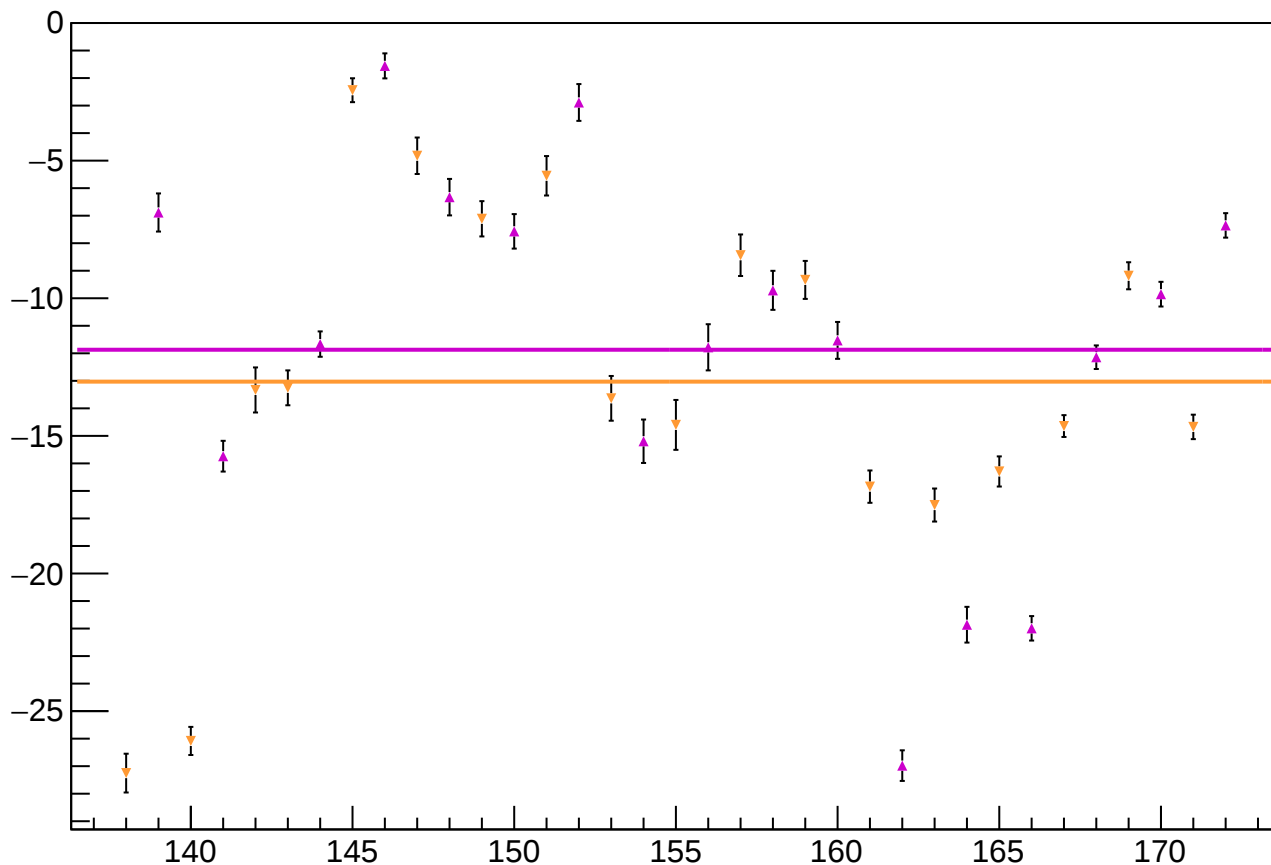
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.011 $\pm$ 0.002 χ^2 /NDF:1813.1/33

Out: 0.011 $\pm$ 0.002 χ^2 /NDF:1786.2/35

All: 0.011 $\pm$ 0.001 χ^2 /NDF: 3599.4/69

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: -13.029+/-0.137 χ^2/NDF :2298.1/17

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

Left In: -11.870+/-0.134 χ^2/NDF :2557.9/16

Left: -12.437+/-0.096 χ^2/NDF : 4892.3/34

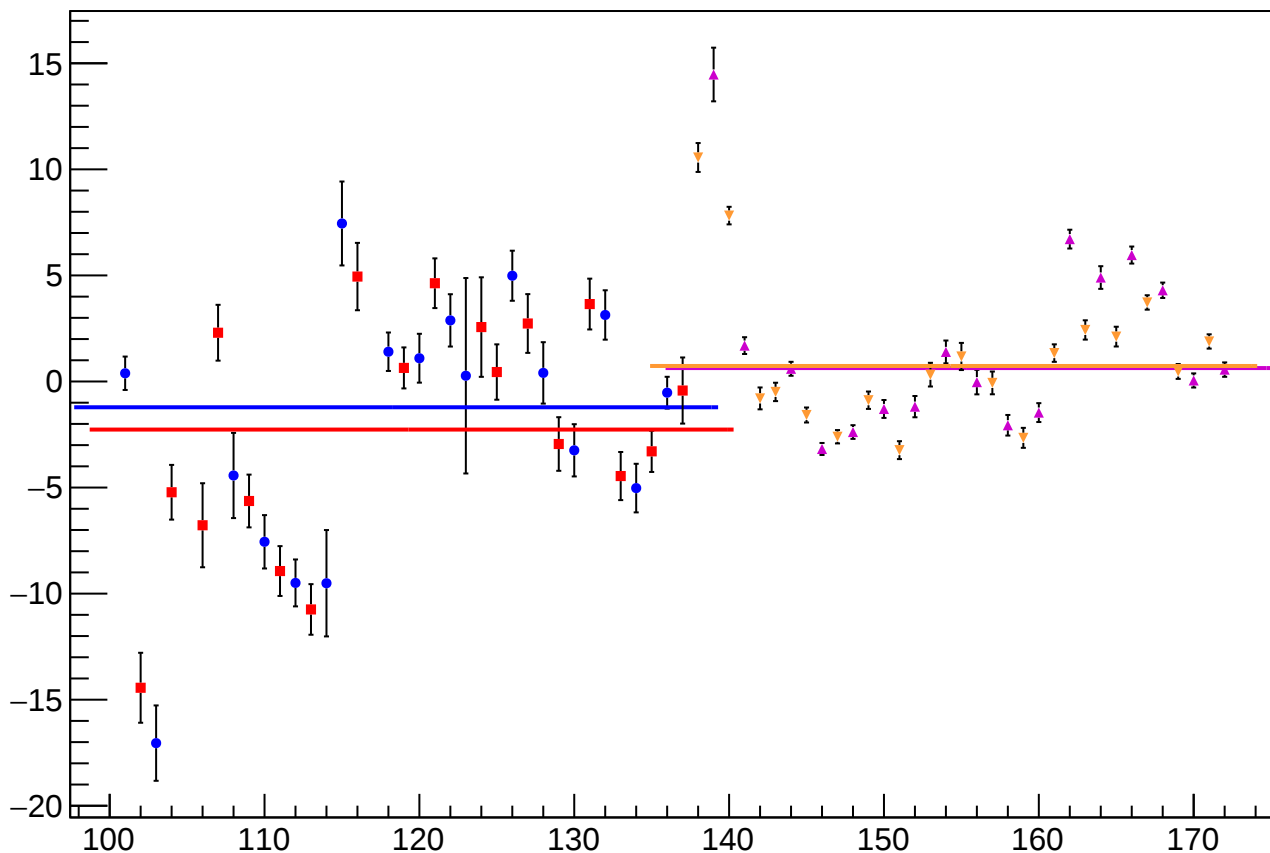
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.870+/-0.134 χ^2/NDF :2557.9/16

Out: -13.029+/-0.137 χ^2/NDF :2298.1/17

All: -12.437+/-0.096 χ^2/NDF : 4892.3/34

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: 0.731 ± 0.099 χ^2/NDF : 946.9/17

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 0.633 ± 0.098 χ^2/NDF : 1019.9/16

Left: 0.681 ± 0.070 χ^2/NDF : 1967.3/34

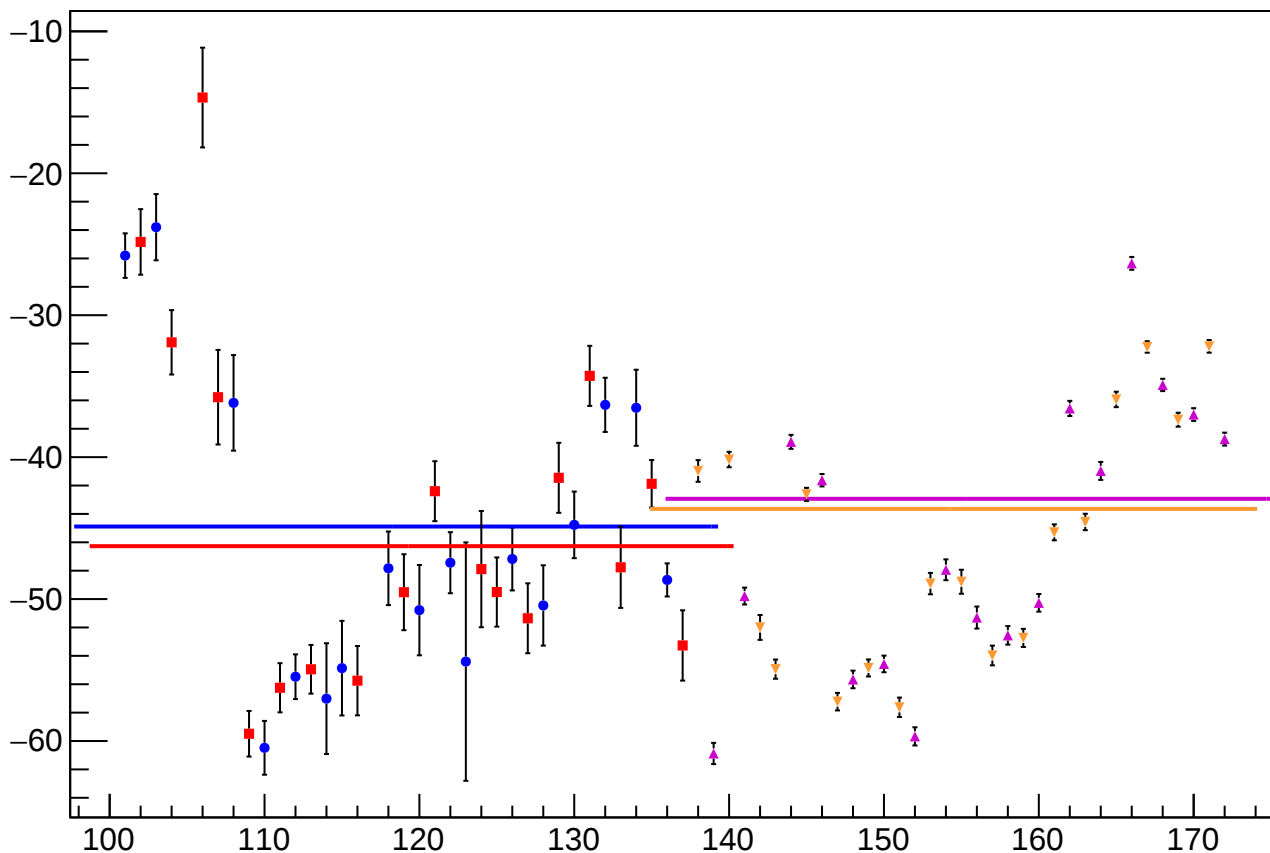
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.443 ± 0.093 χ^2/NDF : 1334.9/33

Out: 0.439 ± 0.094 χ^2/NDF : 1319.5/35

All: 0.441 ± 0.066 χ^2/NDF : 2654.4/69

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -43.648 ± 0.137 χ^2/NDF : 4006.9/17

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -42.935 ± 0.133 χ^2/NDF : 4893.0/16

Left: -43.282 ± 0.096 χ^2/NDF : 8913.8/34

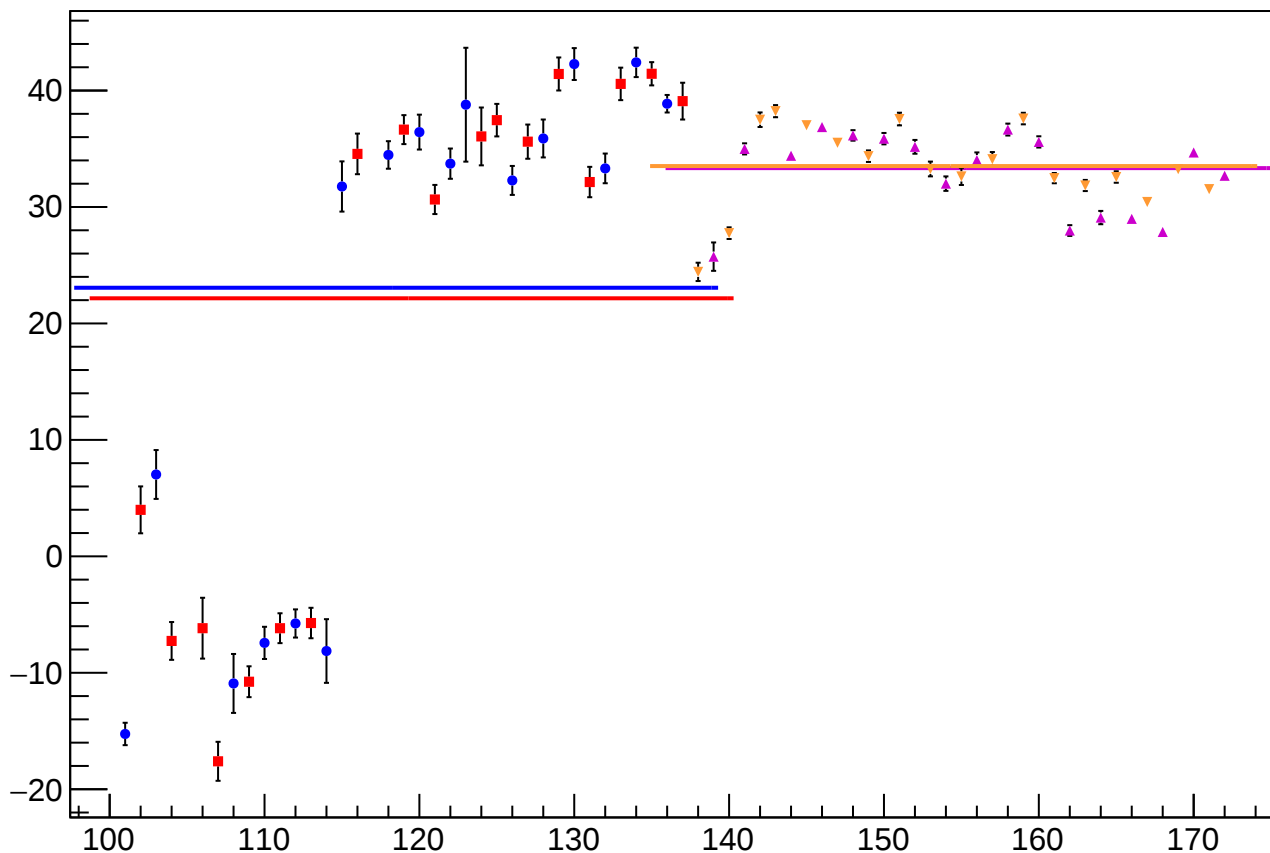
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -43.054 ± 0.129 χ^2/NDF : 5326.5/33

Out: -43.813 ± 0.133 χ^2/NDF : 4450.4/35

All: -43.423 ± 0.093 χ^2/NDF : 9793.7/69

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: 33.515 $\pm$ 0.115 χ^2 /NDF: 729.8/17

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.338 $\pm$ 0.113 χ^2 /NDF: 779.0/16

Left: 33.425 $\pm$ 0.081 χ^2 /NDF: 1510.0/34

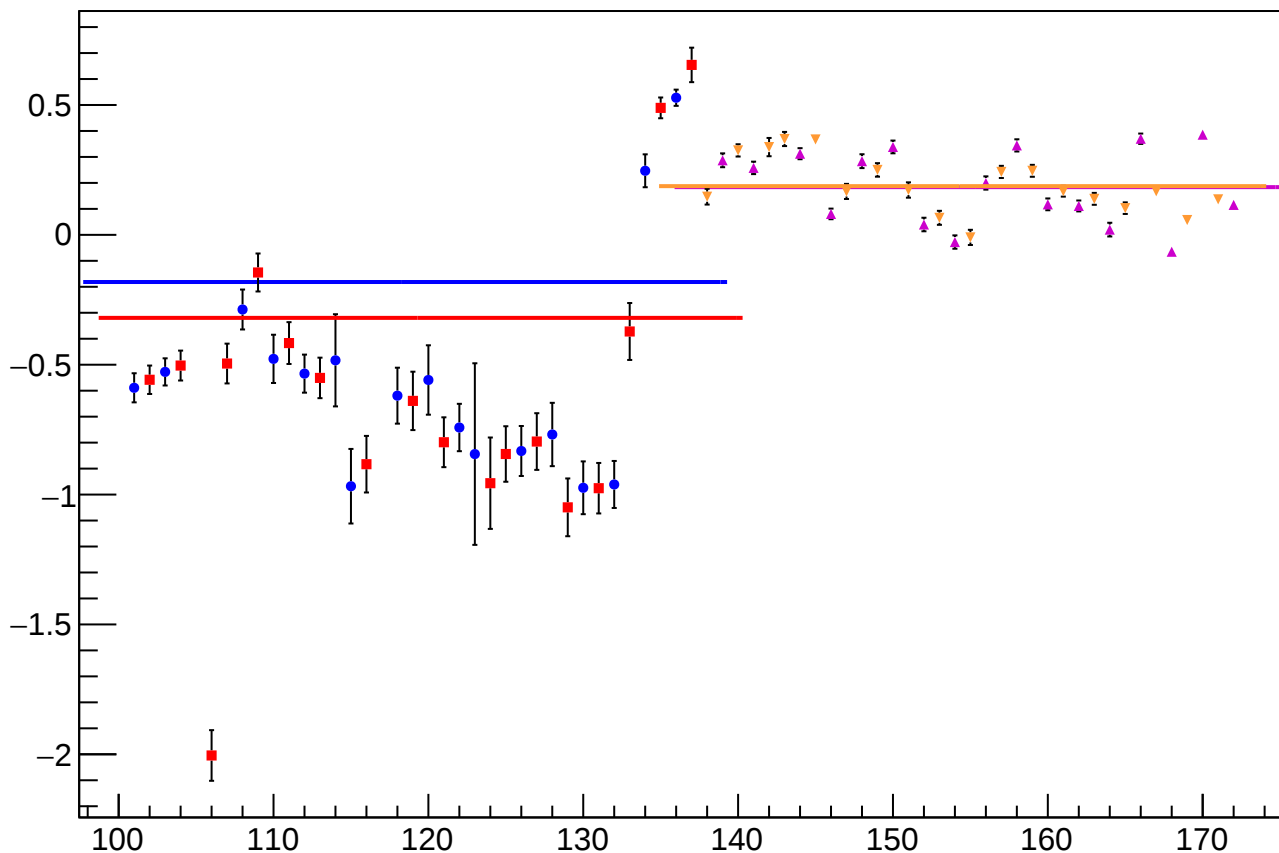
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.236 $\pm$ 0.107 χ^2 /NDF: 5995.9/33

Out: 32.355 $\pm$ 0.109 χ^2 /NDF: 5756.7/35

All: 32.295 $\pm$ 0.076 χ^2 /NDF: 11753.2/69

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: 0.188 ± 0.005 χ^2/NDF : 365.3/17

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.184 ± 0.005 χ^2/NDF : 831.0/16

Left: 0.186 ± 0.004 χ^2/NDF : 1196.5/34

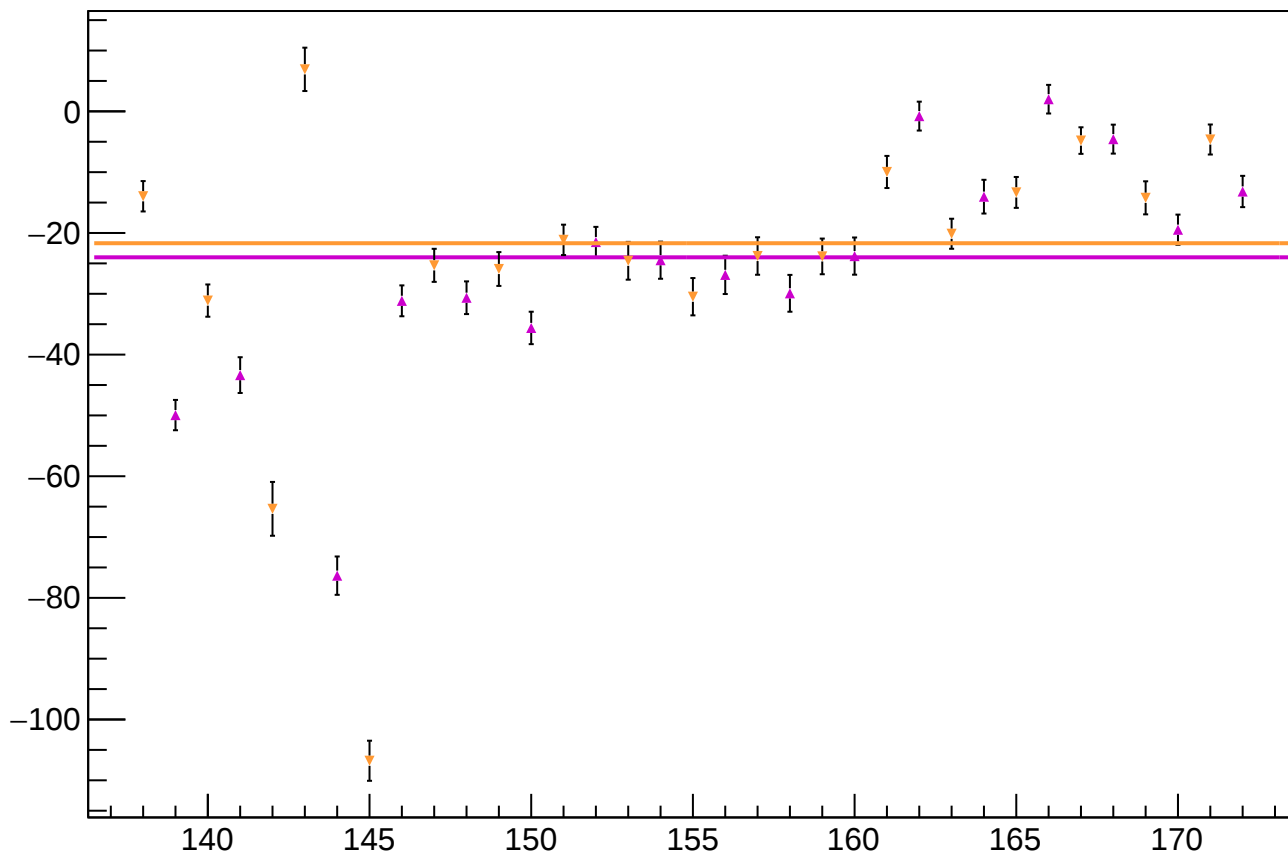
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.154 ± 0.005 χ^2/NDF : 2217.9/33

Out: 0.147 ± 0.005 χ^2/NDF : 2256.9/35

All: 0.151 ± 0.004 χ^2/NDF : 4475.7/69

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.684 $\pm$ 0.652 χ^2/NDF :1010.4/17

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

Left In: -24.002 $\pm$ 0.649 χ^2/NDF :784.3/16

Left: -22.848 $\pm$ 0.460 χ^2/NDF : 1801.1/34

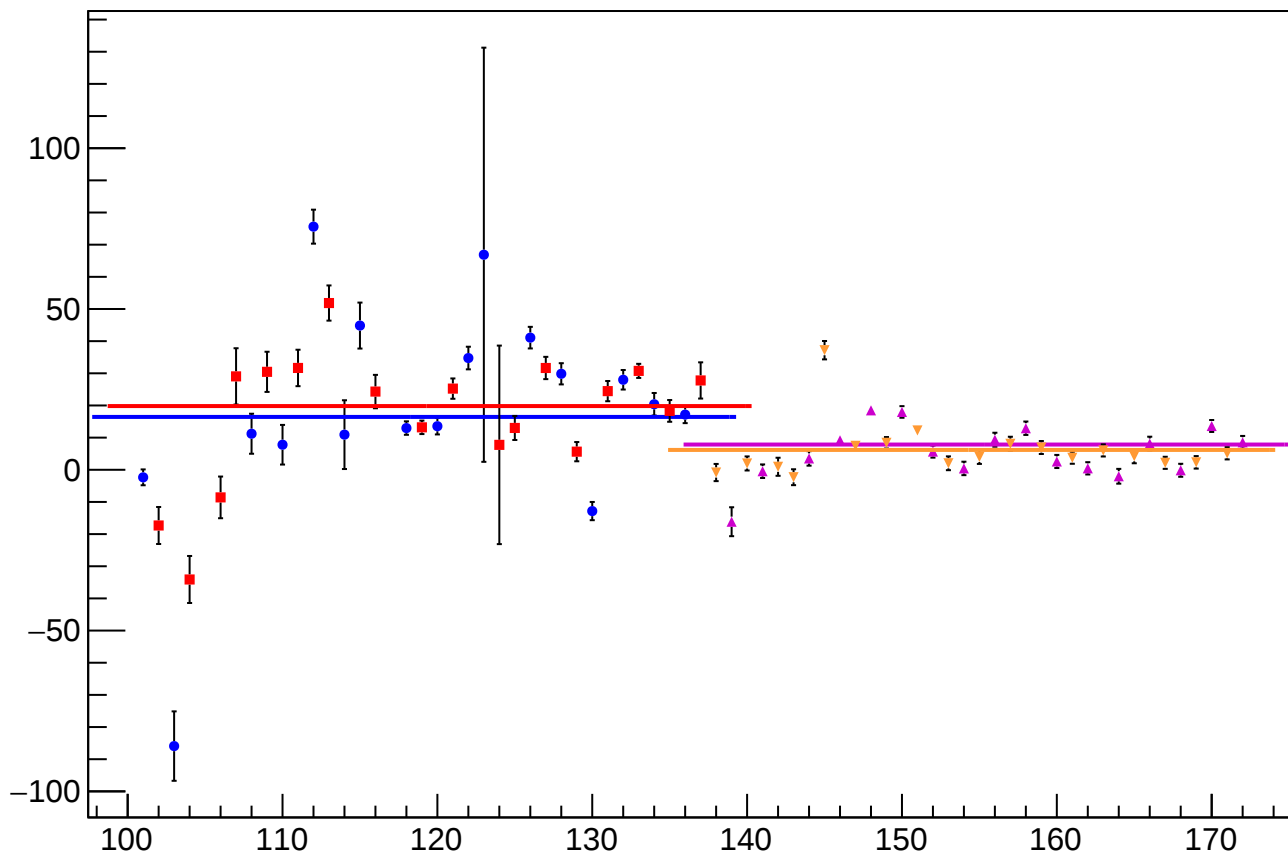
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -24.002 $\pm$ 0.649 χ^2/NDF :784.3/16

Out: -21.684 $\pm$ 0.652 χ^2/NDF :1010.4/17

All: -22.848 $\pm$ 0.460 χ^2/NDF : 1801.1/34

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 6.173 ± 0.463 $\chi^2/\text{NDF}: 181.4/17$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 7.848 ± 0.472 $\chi^2/\text{NDF}: 232.1/16$

Left: 6.994 ± 0.331 $\chi^2/\text{NDF}: 419.9/34$

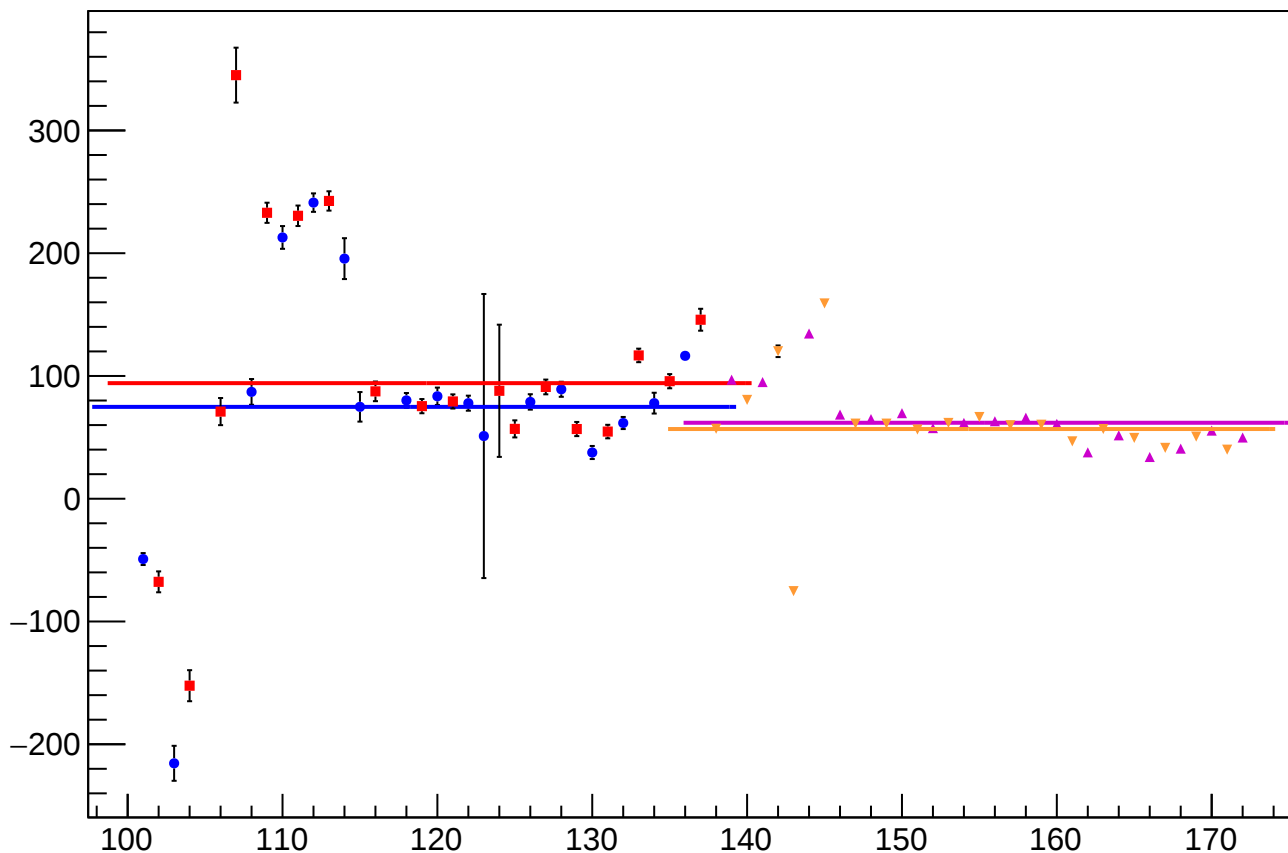
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 9.881 ± 0.413 $\chi^2/\text{NDF}: 827.3/33$

Out: 9.035 ± 0.412 $\chi^2/\text{NDF}: 601.7/35$

All: 9.457 ± 0.292 $\chi^2/\text{NDF}: 1431.1/69$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 56.783+/-0.642 χ^2/NDF : 2494.0/17

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 61.884+/-0.637 χ^2/NDF : 1135.9/16

Left: 59.353+/-0.452 χ^2/NDF : 3661.7/34

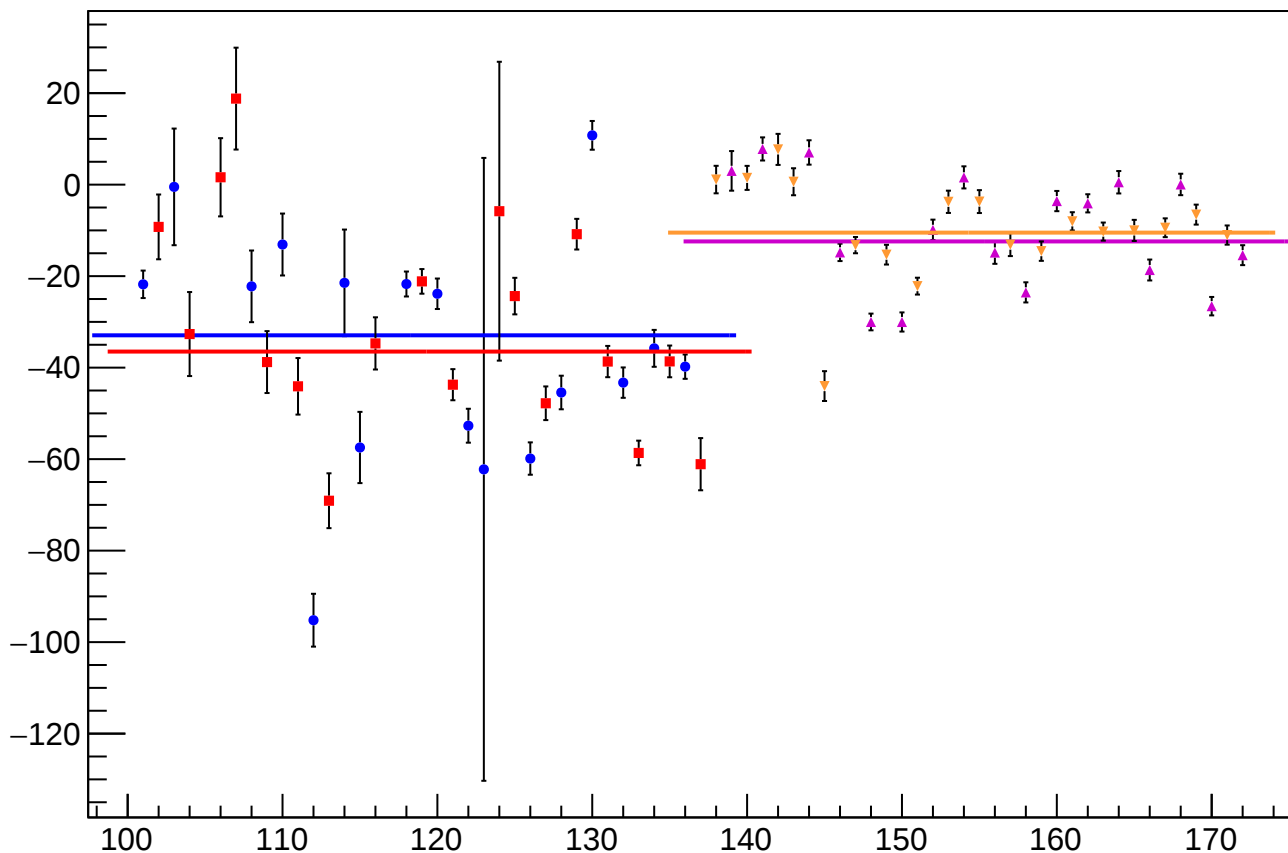
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 63.582+/-0.594 χ^2/NDF : 3186.9/33

Out: 61.351+/-0.601 χ^2/NDF : 4877.5/35

All: 62.481+/-0.423 χ^2/NDF : 8071.4/69

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.485 ± 0.538 χ^2/NDF : 256.9/17

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.413 ± 0.546 χ^2/NDF : 504.9/16

Left: -11.435 ± 0.383 χ^2/NDF : 768.1/34

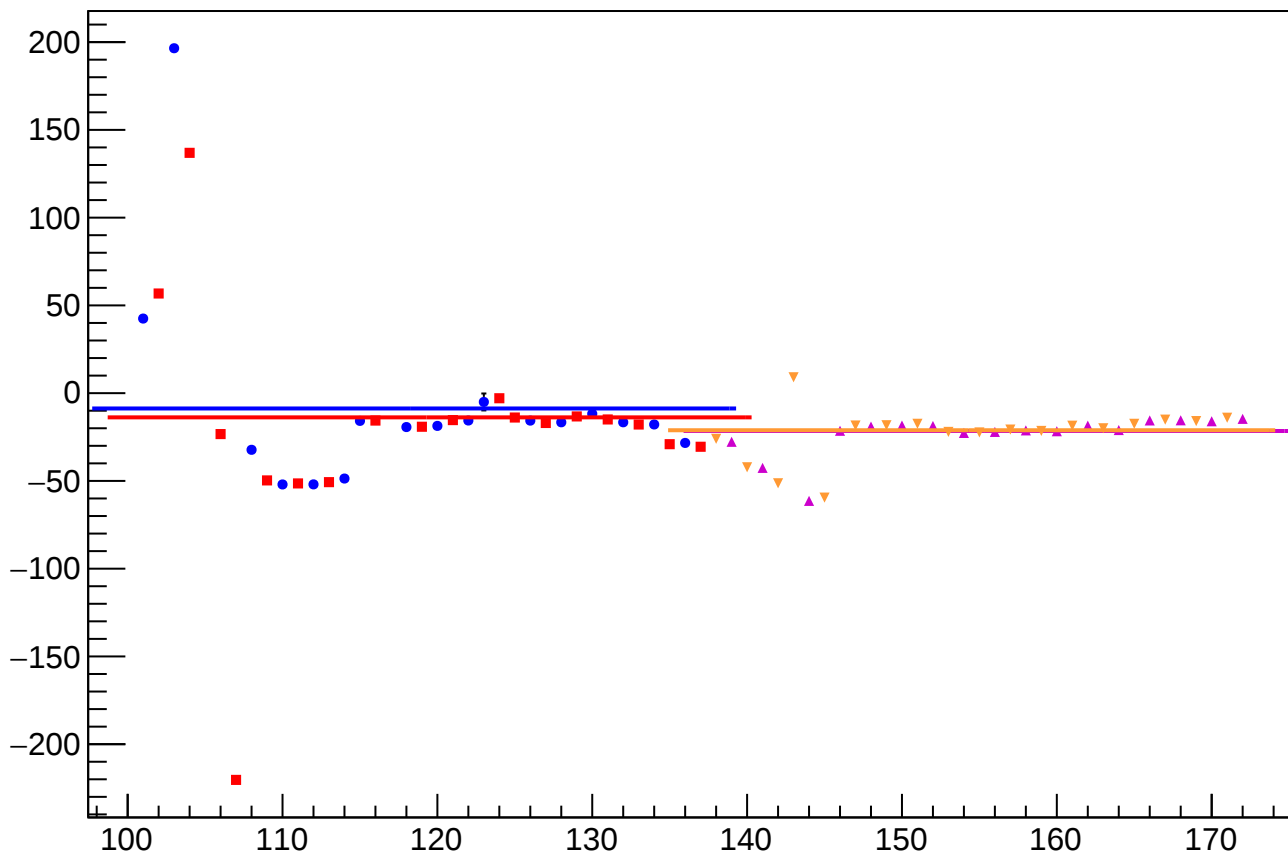
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -17.326 ± 0.476 χ^2/NDF : 1333.7/33

Out: -16.087 ± 0.477 χ^2/NDF : 1053.4/35

All: -16.707 ± 0.337 χ^2/NDF : 2390.5/69

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: -21.129 ± 0.025 $\chi^2/\text{NDF}: 195129.7/17$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -21.558 ± 0.025 $\chi^2/\text{NDF}: 125231.7/16$

Left: -21.346 ± 0.018 $\chi^2/\text{NDF}: 320510.0/34$

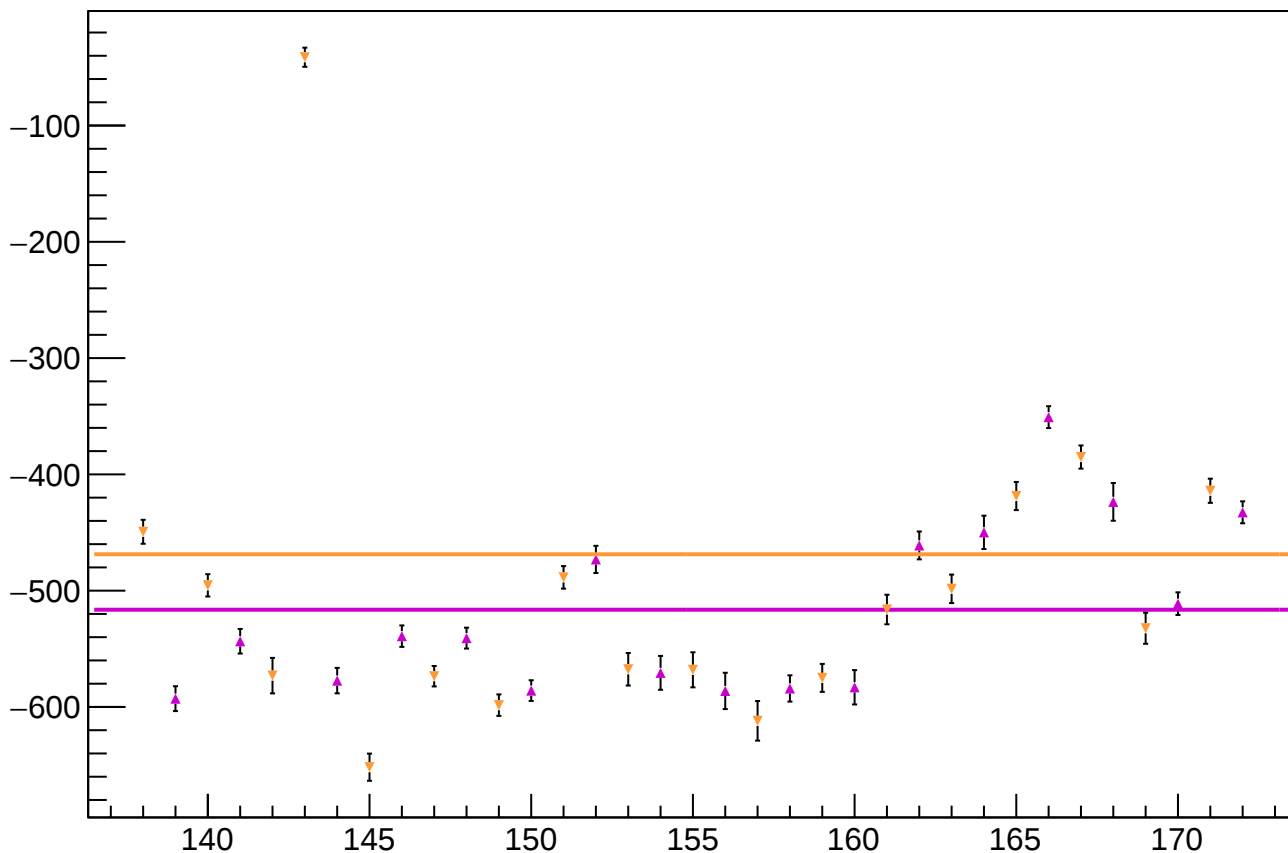
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -19.628 ± 0.023 $\chi^2/\text{NDF}: 741459.9/33$

Out: -20.107 ± 0.023 $\chi^2/\text{NDF}: 756524.0/35$

All: -19.864 ± 0.016 $\chi^2/\text{NDF}: 1498201.1/69$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

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

Left In: -516.391+/-2.672 χ^2/NDF :731.9/16

Left: -492.011+/-1.868 χ^2/NDF : 4642.5/34

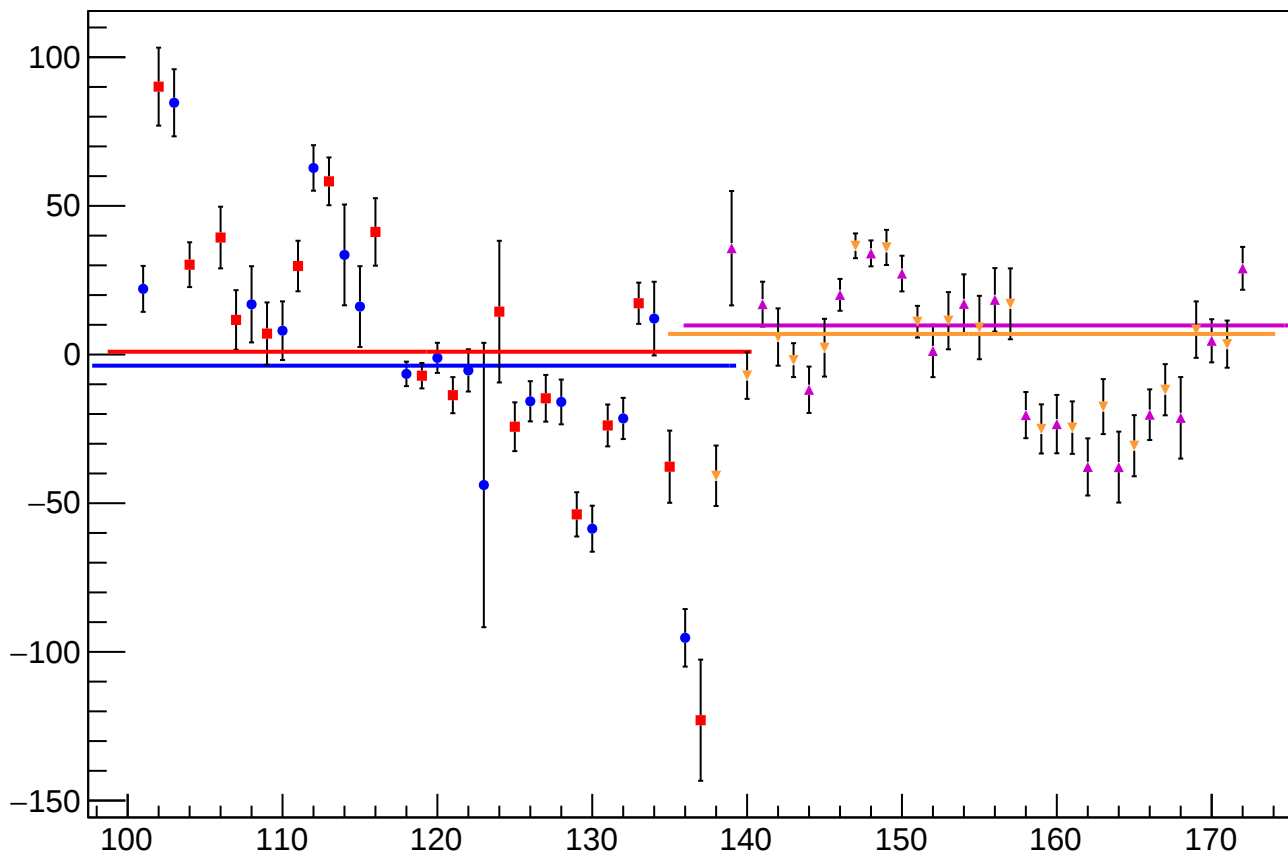
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.391+/-2.672 χ^2/NDF :731.9/16

Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

All: -492.011+/-1.868 χ^2/NDF : 4642.5/34

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 6.935 ± 1.781 χ^2/NDF : 157.3/17

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 9.786 ± 1.869 χ^2/NDF : 147.8/16

Left: 8.291 ± 1.289 χ^2/NDF : 306.3/34

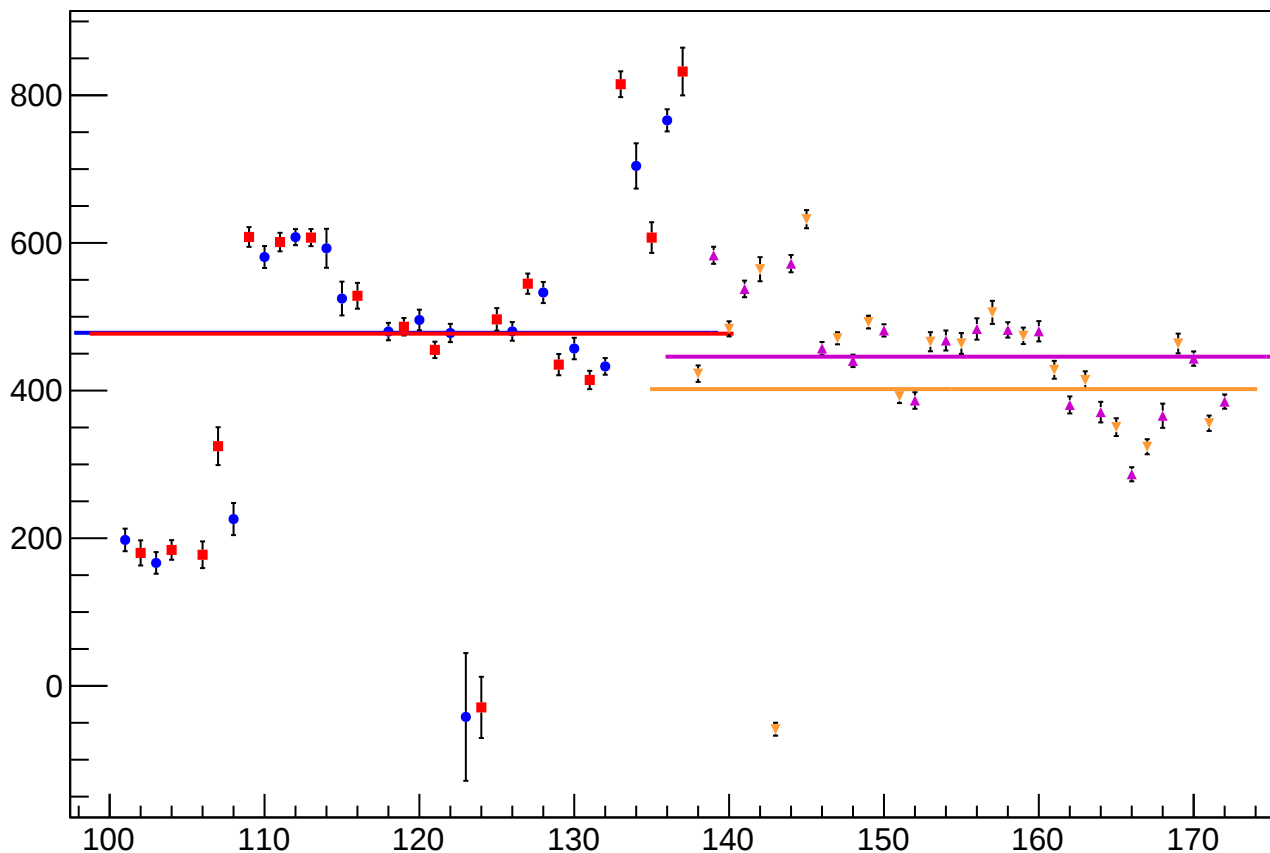
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 3.102 ± 1.330 χ^2/NDF : 487.8/33

Out: 4.163 ± 1.305 χ^2/NDF : 456.2/35

All: 3.643 ± 0.931 χ^2/NDF : 944.3/69

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 402.019 $\pm$ 2.588 χ^2 /NDF:3708.6/17

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 445.910 $\pm$ 2.624 χ^2 /NDF:800.3/16

Left: 423.665 $\pm$ 1.842 χ^2 /NDF: 4650.7/34

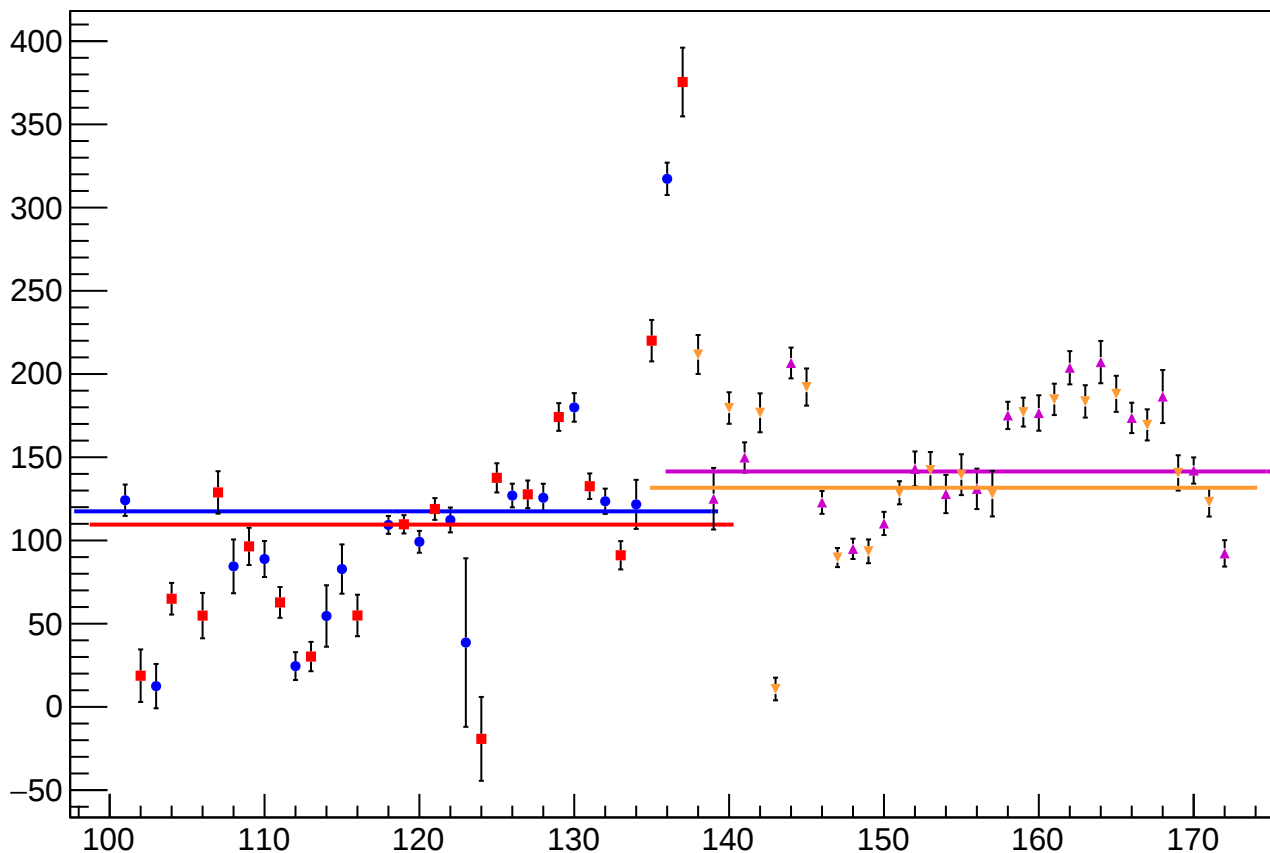
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 456.979 $\pm$ 2.128 χ^2 /NDF:2480.3/33

Out: 428.157 $\pm$ 2.089 χ^2 /NDF:6177.4/35

All: 442.305 $\pm$ 1.491 χ^2 /NDF: 8751.1/69

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 131.671 ± 2.117 $\chi^2/\text{NDF}: 647.5/17$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 141.444 ± 2.198 $\chi^2/\text{NDF}: 291.5/16$

Left: 136.375 ± 1.525 $\chi^2/\text{NDF}: 949.3/34$

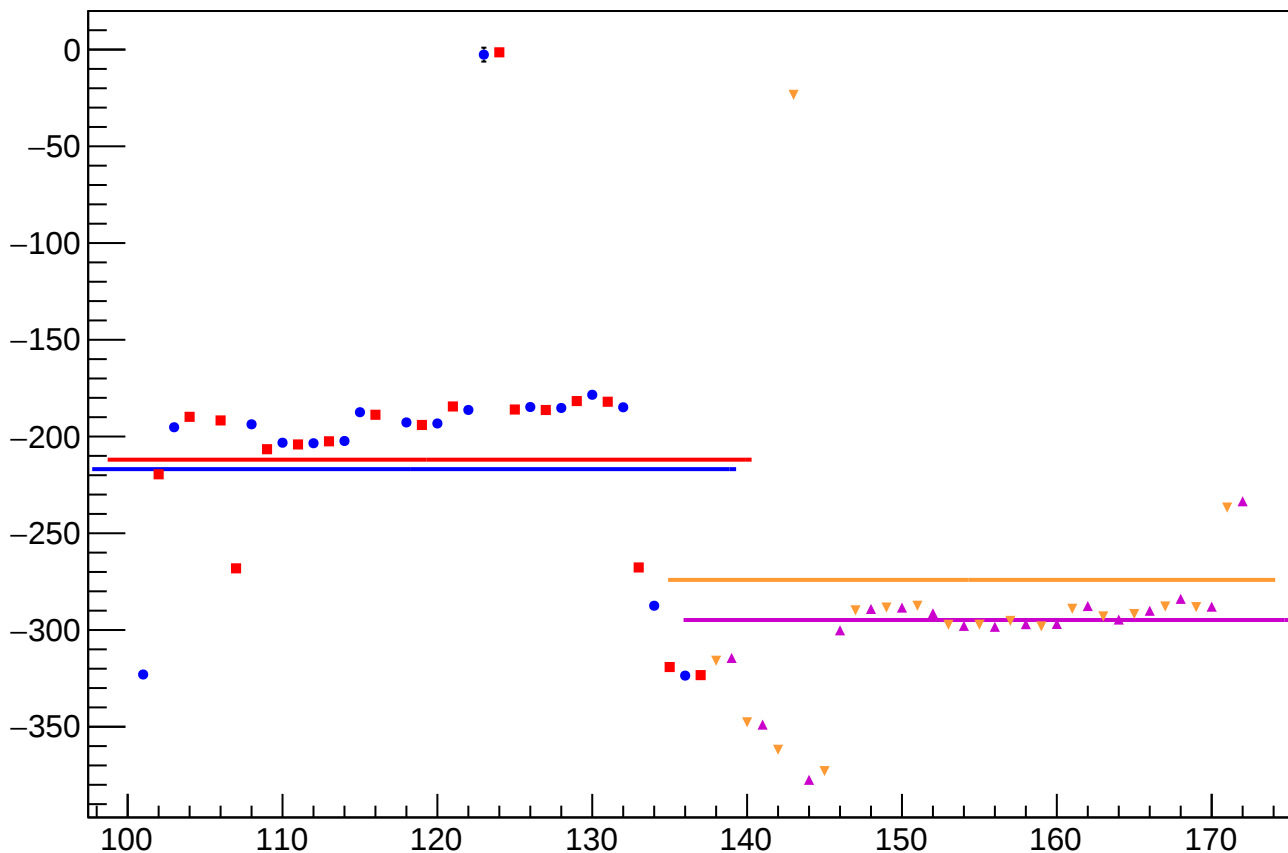
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 129.473 ± 1.554 $\chi^2/\text{NDF}: 1056.8/33$

Out: 121.072 ± 1.528 $\chi^2/\text{NDF}: 1262.1/35$

All: 125.202 ± 1.090 $\chi^2/\text{NDF}: 2333.8/69$

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: -274.093 ± 0.103 $\chi^2/\text{NDF}: 632127.5/17$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -294.824 ± 0.104 $\chi^2/\text{NDF}: 76308.9/16$

Left: -284.415 ± 0.073 $\chi^2/\text{NDF}: 728562.2/34$

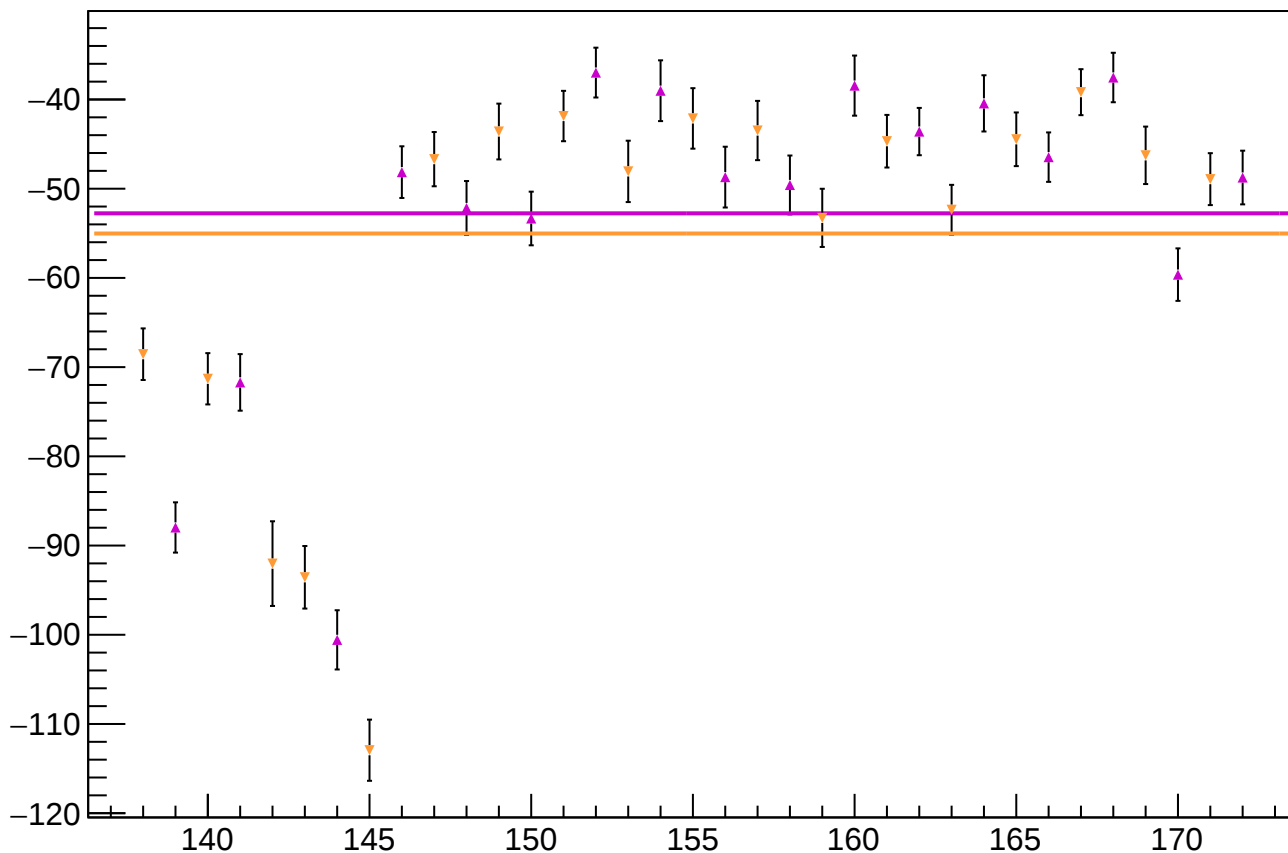
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -266.173 ± 0.082 $\chi^2/\text{NDF}: 431568.3/33$

Out: -250.246 ± 0.081 $\chi^2/\text{NDF}: 883561.4/35$

All: -258.072 ± 0.058 $\chi^2/\text{NDF}: 1334152.2/69$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -55.023+/-0.733 χ^2/NDF : 669.7/17

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

Left In: -52.760+/-0.732 χ^2/NDF : 540.2/16

Left: -53.890+/-0.518 χ^2/NDF : 1214.7/34

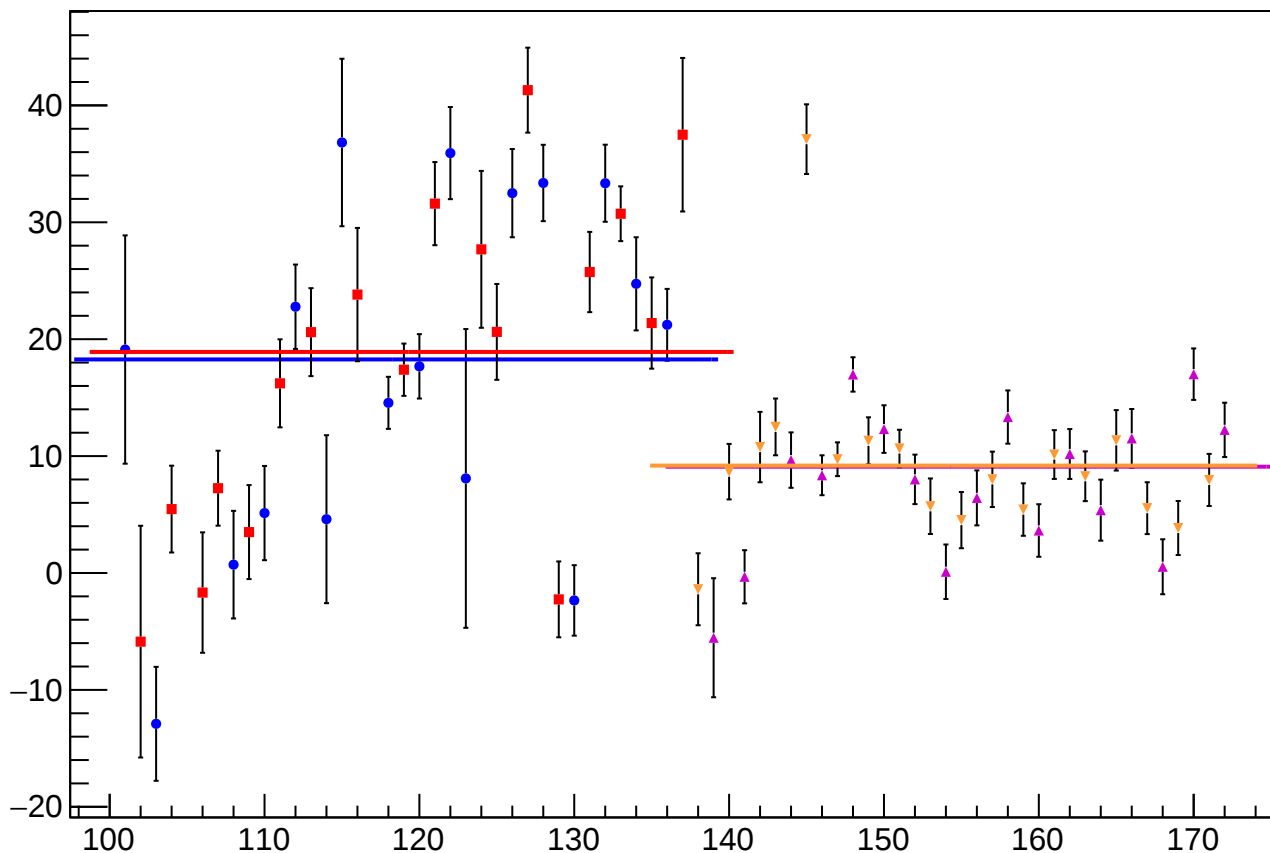
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.760+/-0.732 χ^2/NDF : 540.2/16

Out: -55.023+/-0.733 χ^2/NDF : 669.7/17

All: -53.890+/-0.518 χ^2/NDF : 1214.7/34

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: 9.187 $\pm$ 0.519 χ^2 /NDF:122.2/17

Right Out: 18.909 $\pm$ 0.864 χ^2 /NDF: 198.1/17

Left In: 9.093 $\pm$ 0.532 χ^2 /NDF:114.0/16

Left: 9.141 $\pm$ 0.372 χ^2 /NDF: 236.2/34

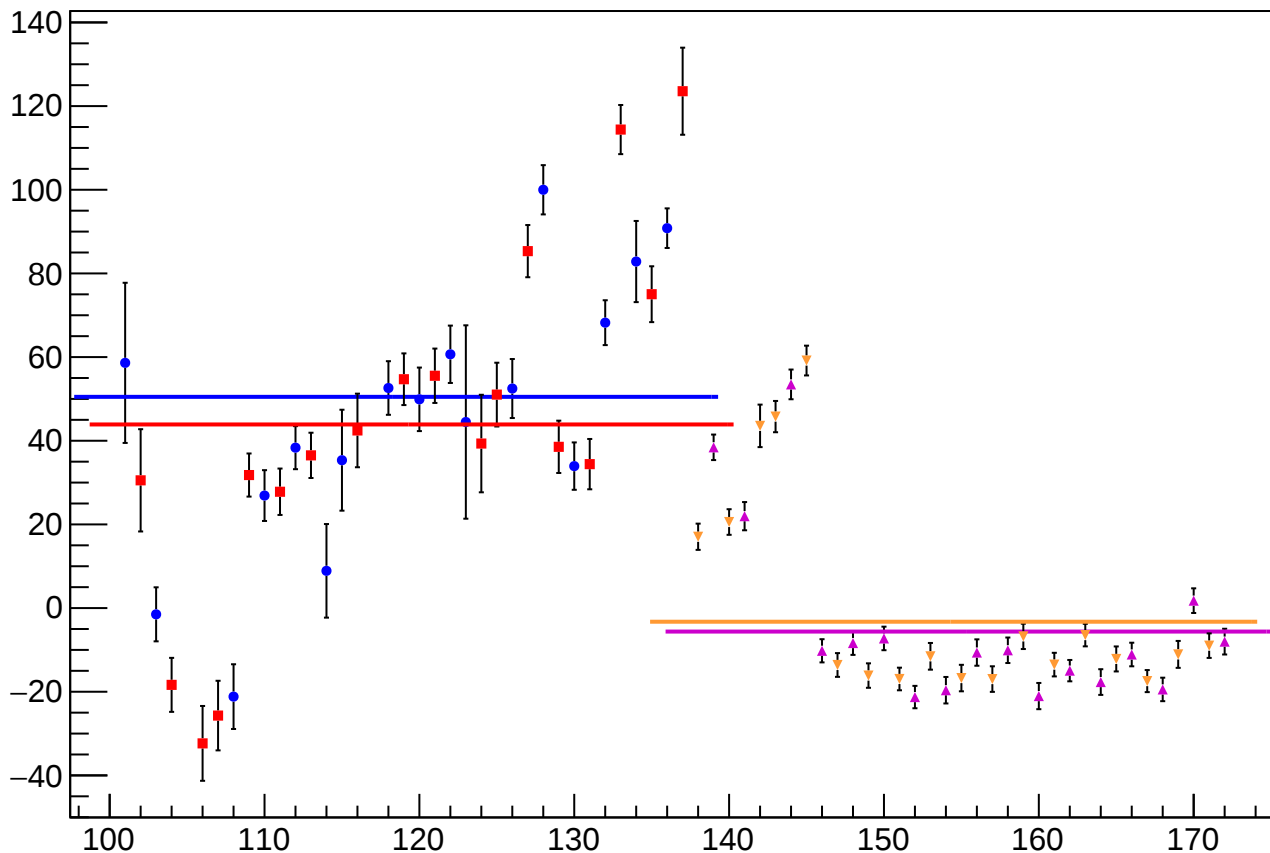
Right: 18.605 $\pm$ 0.626 χ^2 /NDF: 406.7/34

In: 11.443 $\pm$ 0.459 χ^2 /NDF:398.5/33

Out: 11.765 $\pm$ 0.445 χ^2 /NDF:413.3/35

All: 11.609 $\pm$ 0.319 χ^2 /NDF: 812.0/69

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497+/-1.671 χ^2 /NDF: 363.2/16

Left Out: -3.261+/-0.721 χ^2 /NDF:833.6/17

Right Out: 43.895+/-1.604 χ^2 /NDF: 531.7/17

Left In: -5.615+/-0.718 χ^2 /NDF:703.0/16

Left: -4.443+/-0.509 χ^2 /NDF: 1541.9/34

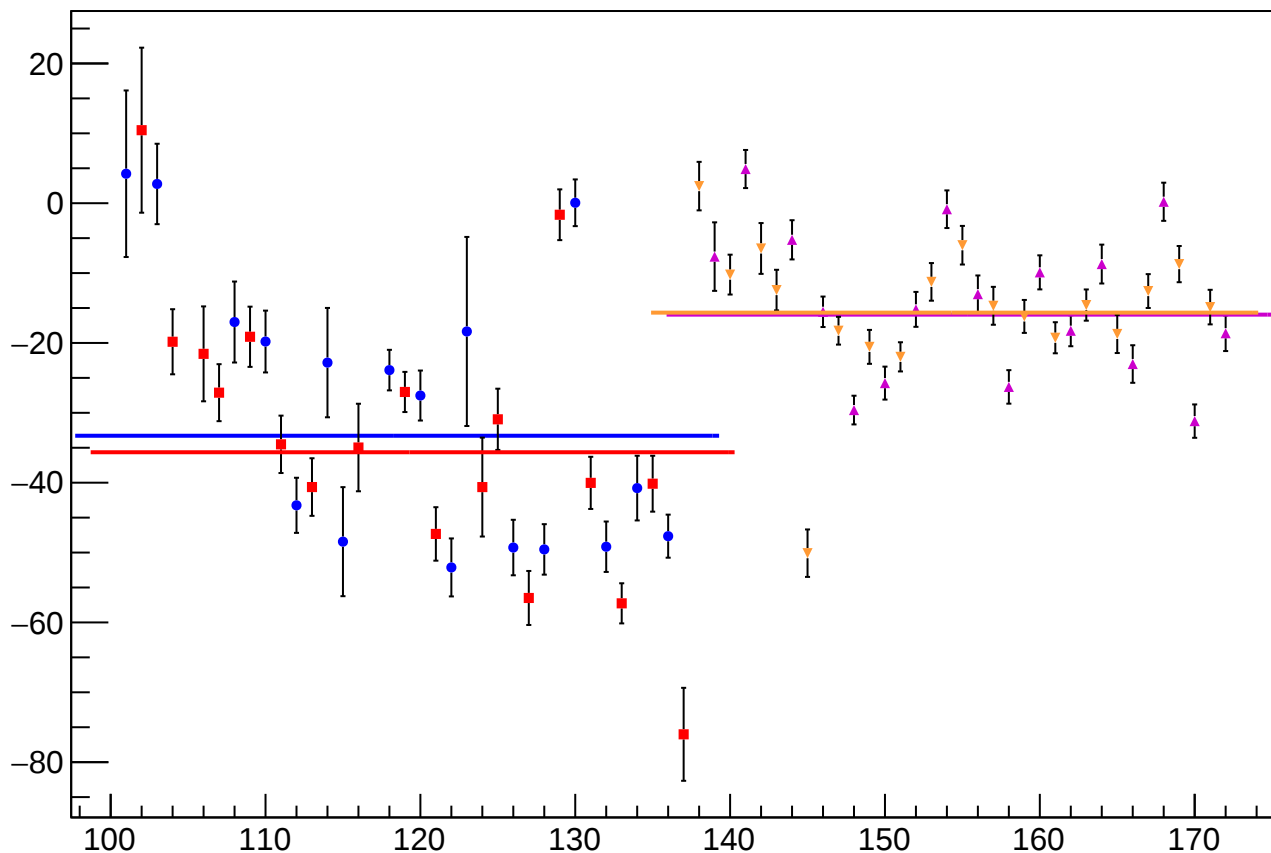
Right: 47.060+/-1.157 χ^2 /NDF: 903.0/34

In: 3.137+/-0.660 χ^2 /NDF:2018.1/33

Out: 4.675+/-0.658 χ^2 /NDF:2084.5/35

All: 3.908+/-0.466 χ^2 /NDF: 4105.3/69

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.660 ± 0.604 χ^2/NDF : 184.2/17

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -15.948 ± 0.615 χ^2/NDF : 286.3/16

Left: -15.802 ± 0.431 χ^2/NDF : 470.6/34

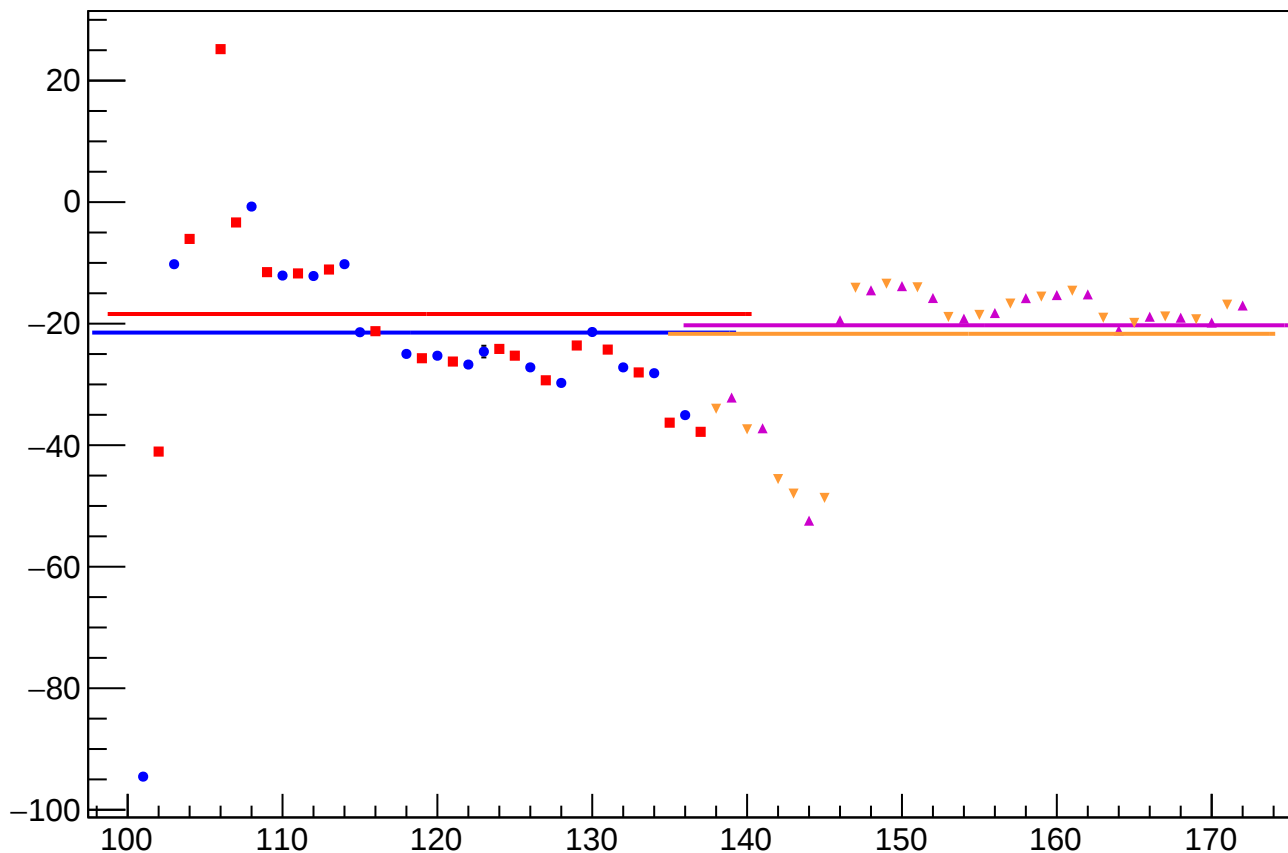
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.472 ± 0.529 χ^2/NDF : 786.6/33

Out: -21.057 ± 0.516 χ^2/NDF : 764.5/35

All: -20.772 ± 0.369 χ^2/NDF : 1551.8/69

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: -21.670 ± 0.028 $\chi^2/\text{NDF}: 132706.1/17$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.269 ± 0.028 $\chi^2/\text{NDF}: 85408.3/16$

Left: -20.965 ± 0.020 $\chi^2/\text{NDF}: 219367.5/34$

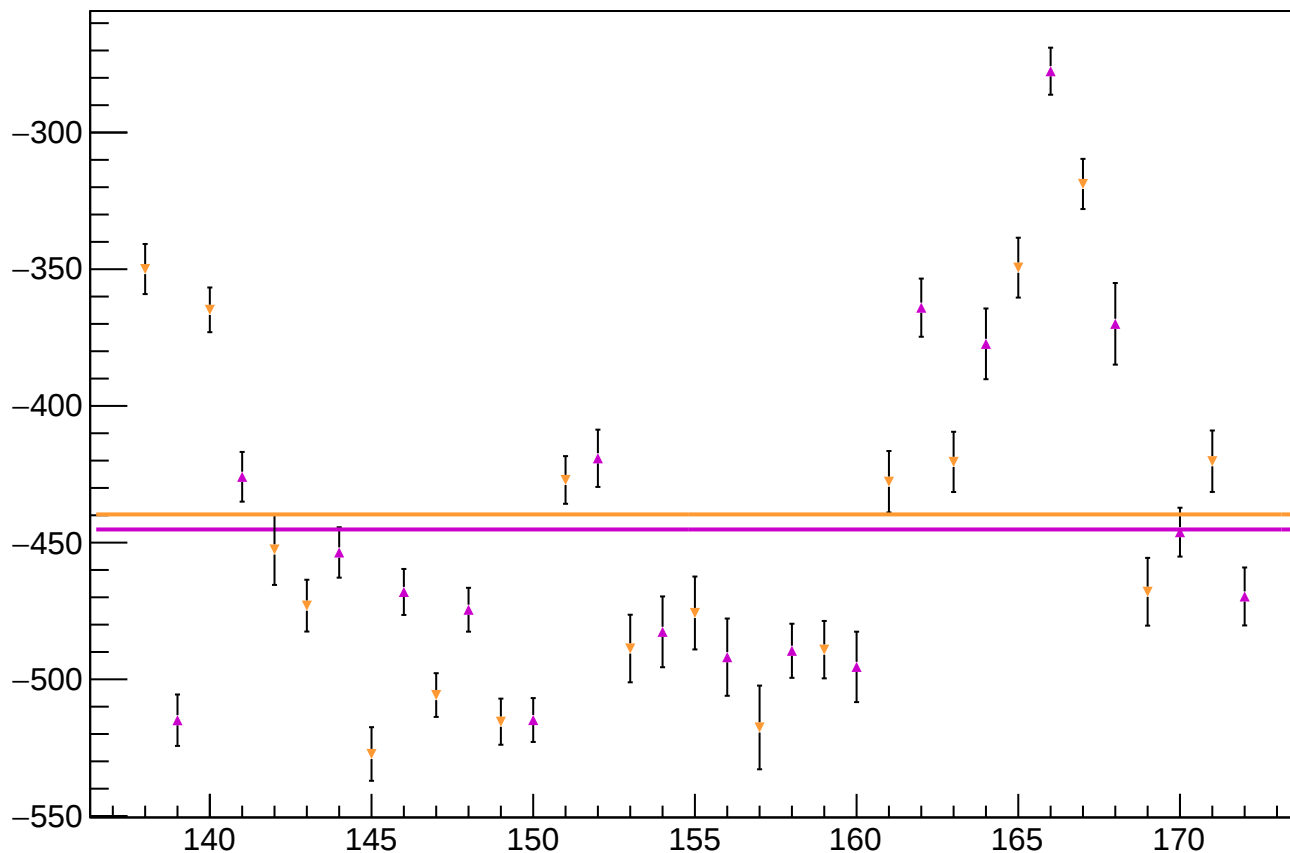
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.490 ± 0.025 $\chi^2/\text{NDF}: 134728.4/33$

Out: -21.041 ± 0.025 $\chi^2/\text{NDF}: 212896.0/35$

All: -20.765 ± 0.018 $\chi^2/\text{NDF}: 347863.1/69$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -439.680 $\pm$ 2.400 χ^2/NDF :749.0/17

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

Left In: -445.191 $\pm$ 2.418 χ^2/NDF :713.2/16

Left: -442.415 $\pm$ 1.704 χ^2/NDF : 1464.9/34

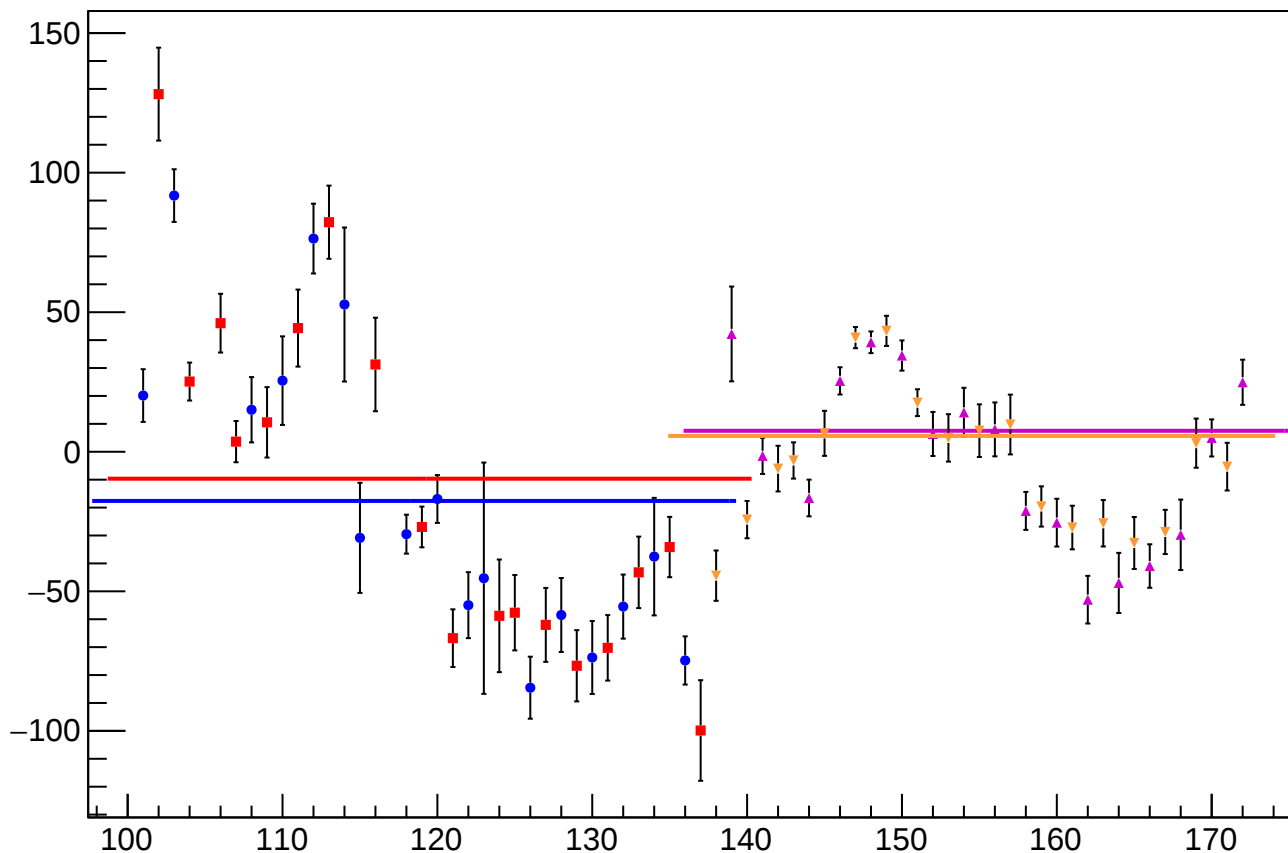
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -445.191 $\pm$ 2.418 χ^2/NDF :713.2/16

Out: -439.680 $\pm$ 2.400 χ^2/NDF :749.0/17

All: -442.415 $\pm$ 1.704 χ^2/NDF : 1464.9/34

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2/NDF : 362.0/16

Left Out: 5.676 $\pm$ 1.635 χ^2/NDF : 278.0/17

Right Out: -9.641 $\pm$ 2.613 χ^2/NDF : 360.7/17

Left In: 7.517 $\pm$ 1.688 χ^2/NDF : 285.7/16

Left: 6.567 $\pm$ 1.175 χ^2/NDF : 564.3/34

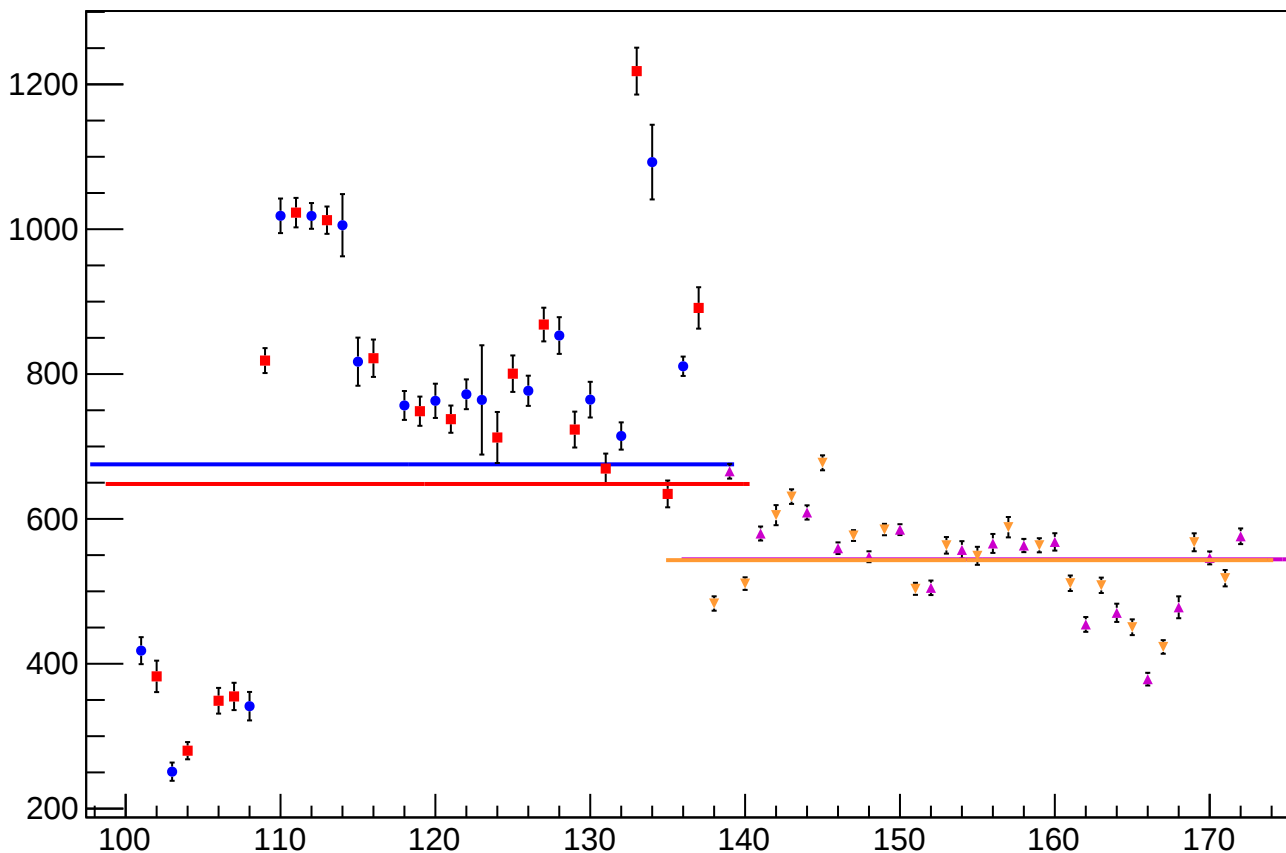
Right: -13.374 $\pm$ 1.906 χ^2/NDF : 727.1/34

In: 0.768 $\pm$ 1.444 χ^2/NDF : 707.3/33

Out: 1.364 $\pm$ 1.386 χ^2/NDF : 663.4/35

All: 1.078 $\pm$ 1.000 χ^2/NDF : 1370.7/69

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.064+/-2.373 χ^2/NDF : 668.4/17

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 544.207+/-2.374 χ^2/NDF : 756.4/16

Left: 543.635+/-1.678 χ^2/NDF : 1424.9/34

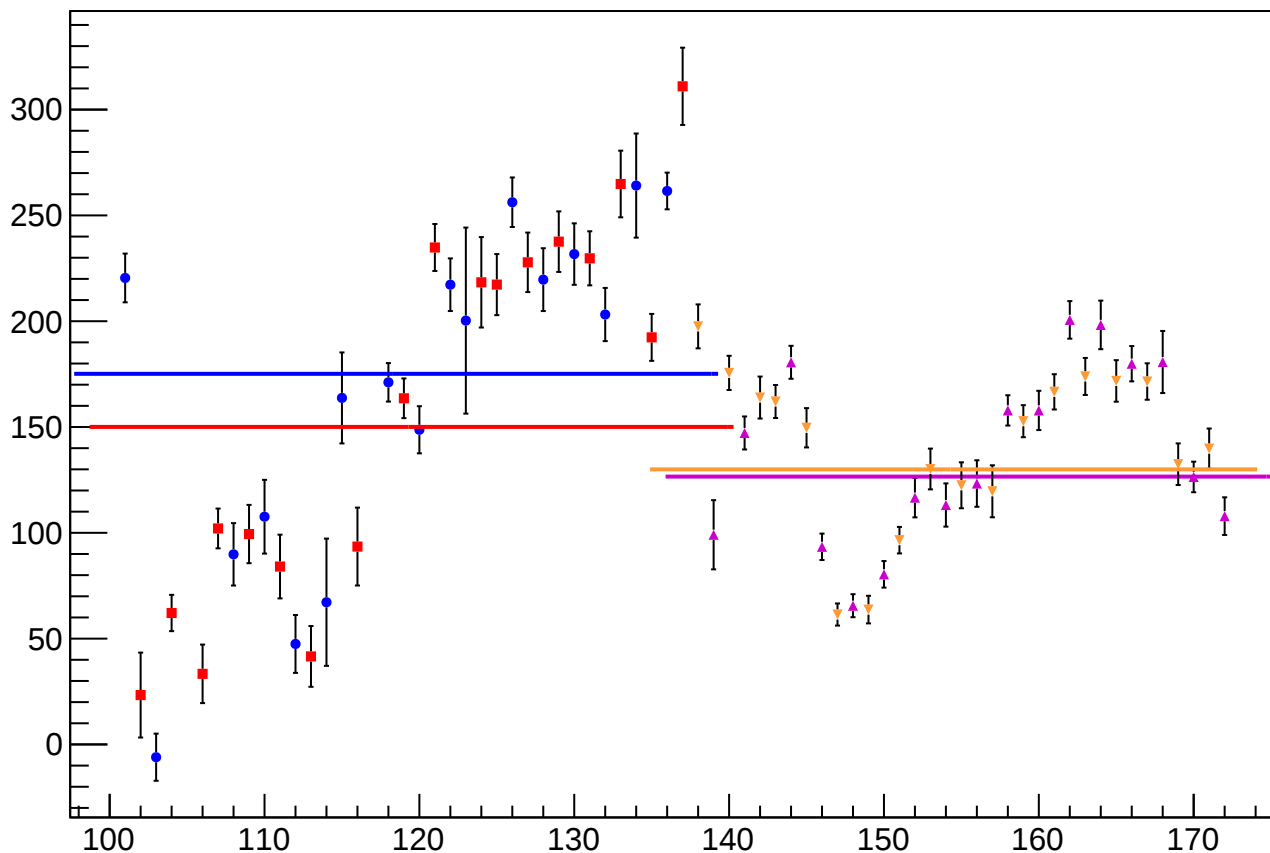
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 567.969+/-2.148 χ^2/NDF : 3892.1/33

Out: 563.896+/-2.125 χ^2/NDF : 4116.4/35

All: 565.911+/-1.511 χ^2/NDF : 8010.3/69

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: 129.982 $\pm$ 1.945 χ^2 /NDF:508.5/17

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 126.576 $\pm$ 1.988 χ^2 /NDF:467.3/16

Left: 128.316 $\pm$ 1.390 χ^2 /NDF: 977.2/34

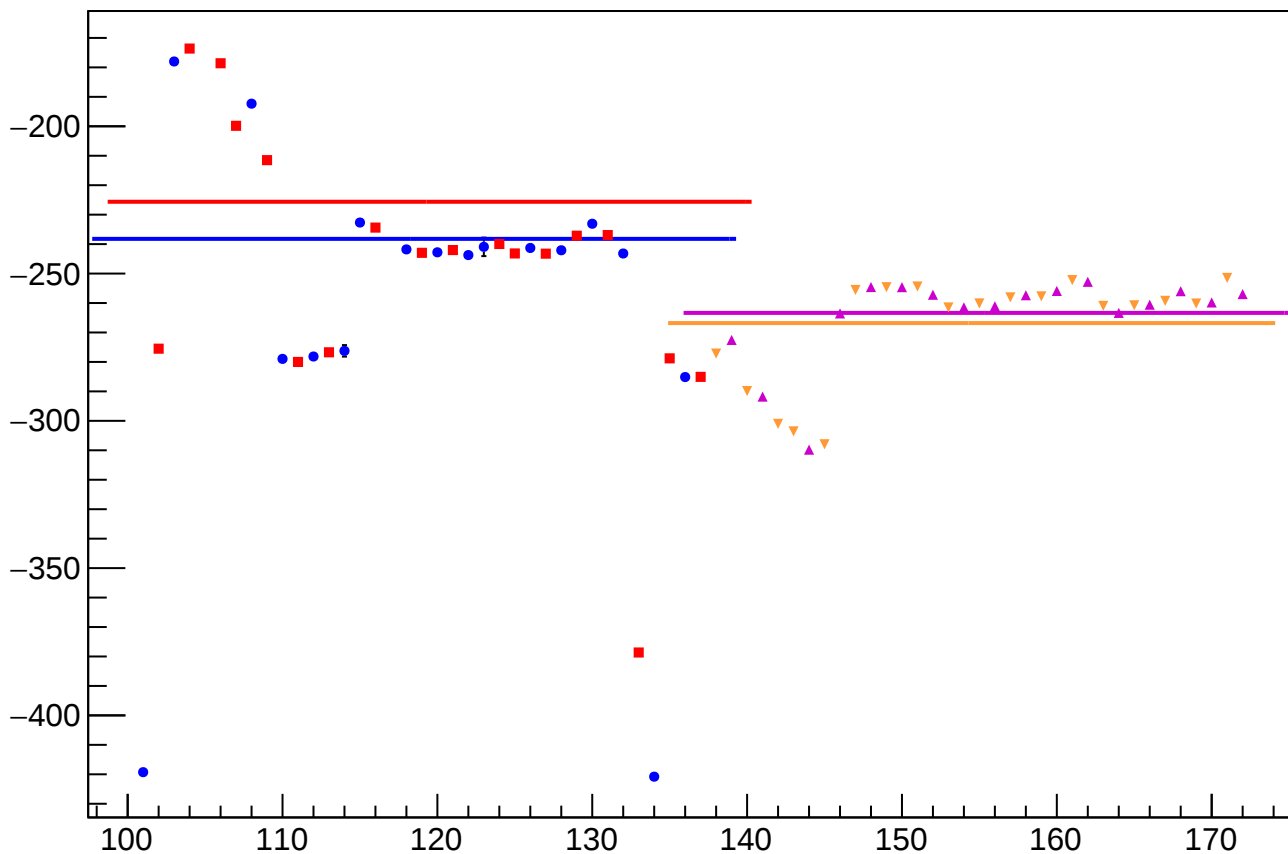
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 140.042 $\pm$ 1.690 χ^2 /NDF:1268.4/33

Out: 135.796 $\pm$ 1.639 χ^2 /NDF:1225.5/35

All: 137.854 $\pm$ 1.177 χ^2 /NDF: 2497.2/69

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -266.810 ± 0.095 $\chi^2/\text{NDF}: 35112.6/17$

Right Out: -225.623 ± 0.152 $\chi^2/\text{NDF}: 95450.2/17$

Left In: -263.352 ± 0.094 $\chi^2/\text{NDF}: 21225.1/16$

Left: -265.066 ± 0.067 $\chi^2/\text{NDF}: 57009.6/34$

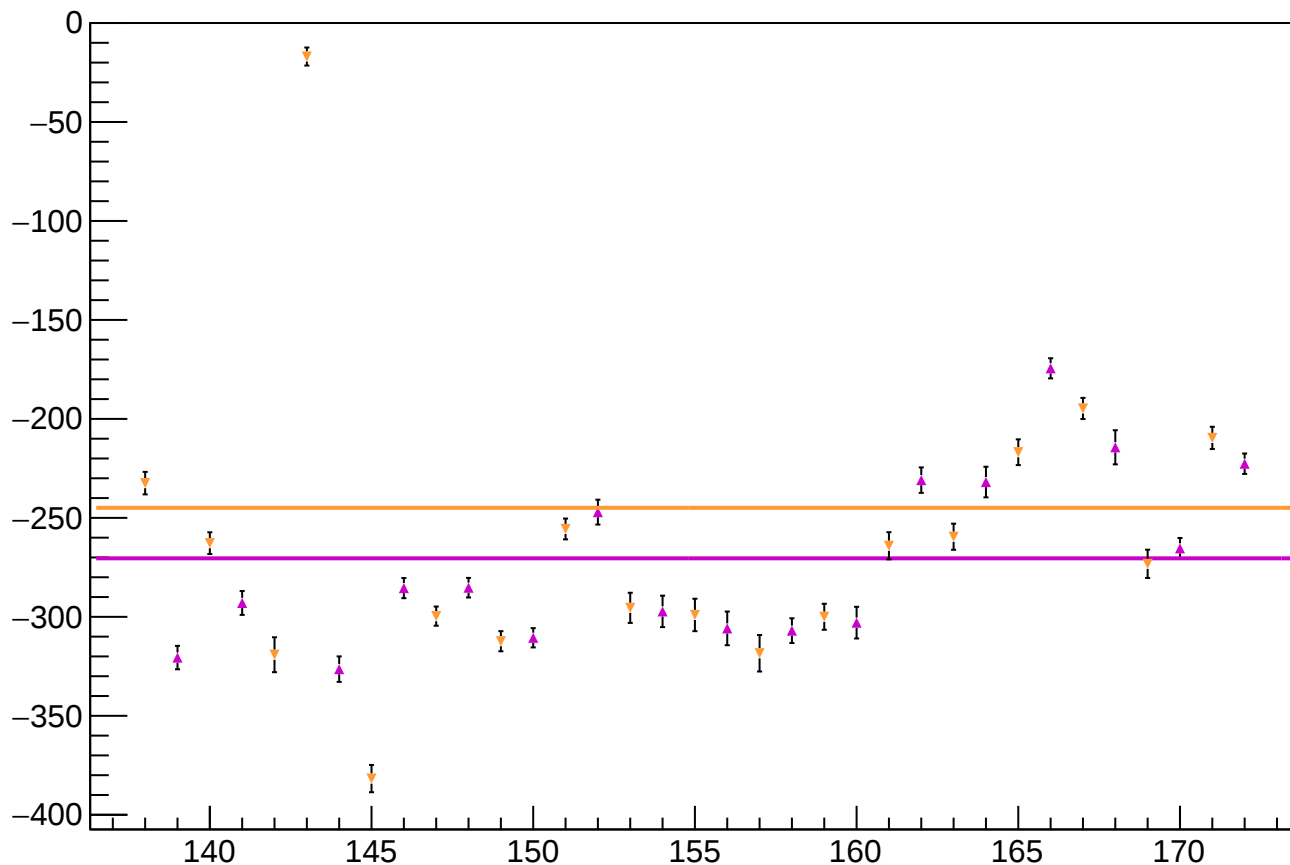
Right: -231.577 ± 0.110 $\chi^2/\text{NDF}: 265811.9/34$

In: -256.911 ± 0.081 $\chi^2/\text{NDF}: 206663.8/33$

Out: -255.236 ± 0.080 $\chi^2/\text{NDF}: 183652.7/35$

All: -256.067 ± 0.057 $\chi^2/\text{NDF}: 390532.0/69$

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: -244.915+/-1.436 χ^2/NDF :3681.0/17

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

Left In: -270.449+/-1.467 χ^2/NDF :887.8/16

Left: -257.409+/-1.026 χ^2/NDF : 4723.6/34

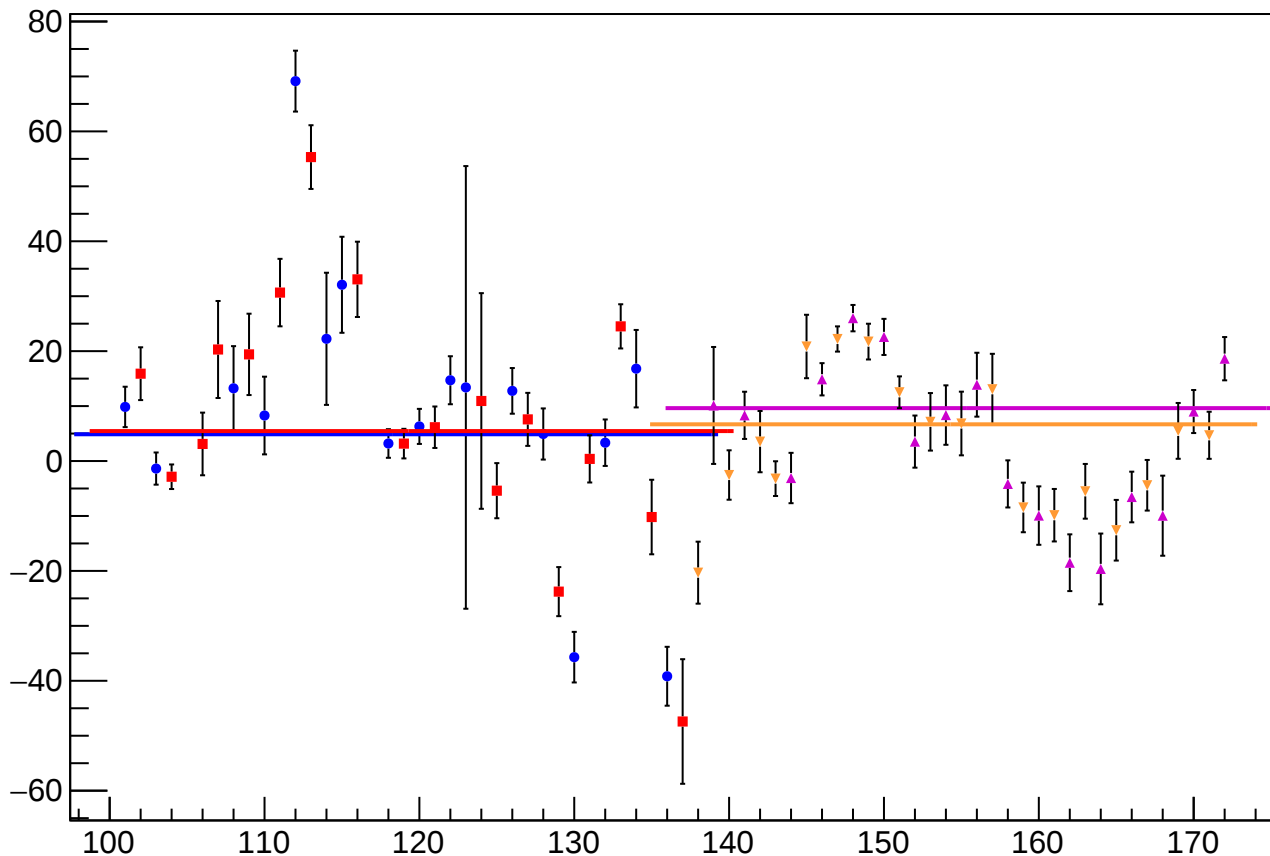
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.449+/-1.467 χ^2/NDF :887.8/16

Out: -244.915+/-1.436 χ^2/NDF :3681.0/17

All: -257.409+/-1.026 χ^2/NDF : 4723.6/34

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: 6.683 ± 0.979 χ^2/NDF : 162.9/17

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 9.627 ± 1.027 χ^2/NDF : 174.4/16

Left: 8.085 ± 0.709 χ^2/NDF : 341.6/34

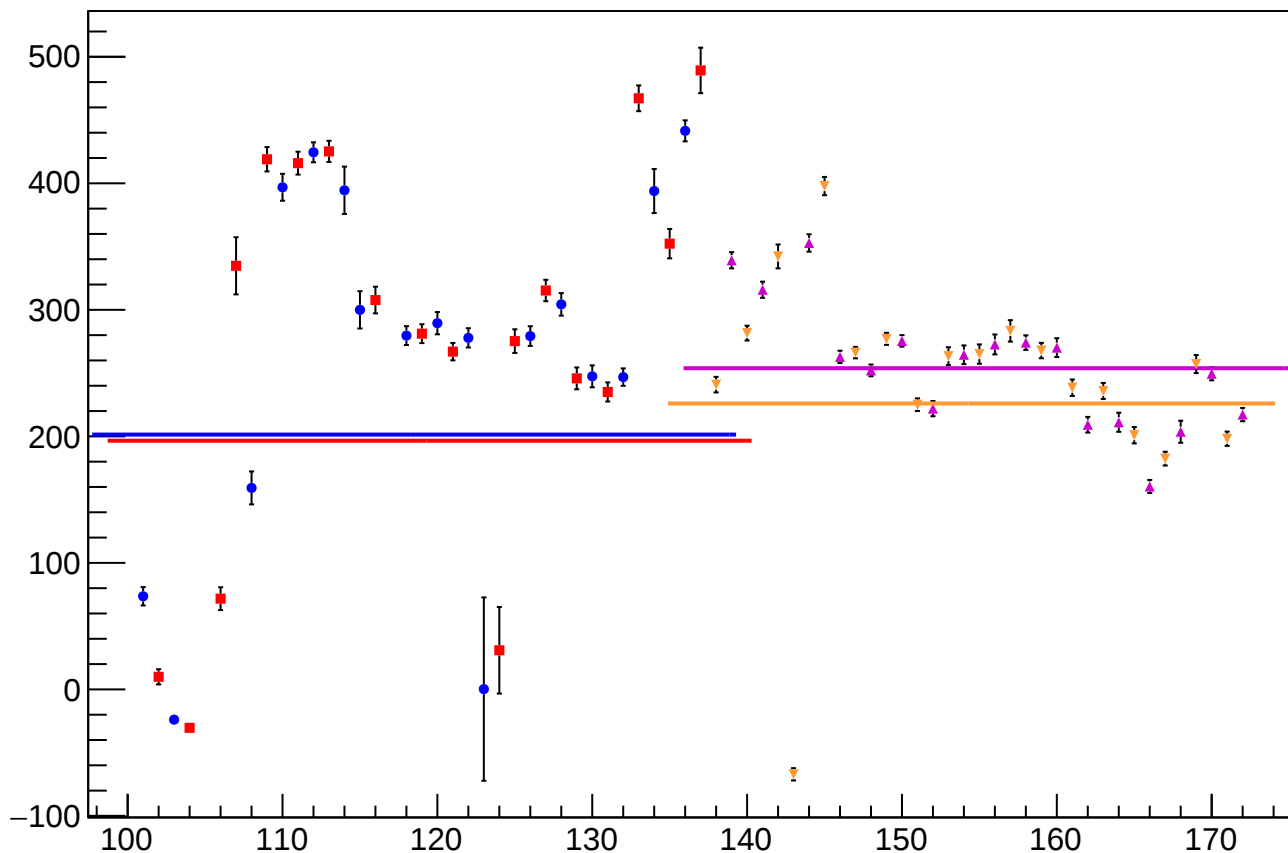
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 7.391 ± 0.748 χ^2/NDF : 496.0/33

Out: 6.122 ± 0.723 χ^2/NDF : 395.2/35

All: 6.735 ± 0.520 χ^2/NDF : 892.7/69

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: 225.988 $\pm$ 1.420 χ^2 /NDF:4910.4/17

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 253.857 $\pm$ 1.439 χ^2 /NDF:1048.2/16

Left: 239.741 $\pm$ 1.011 χ^2 /NDF: 6148.5/34

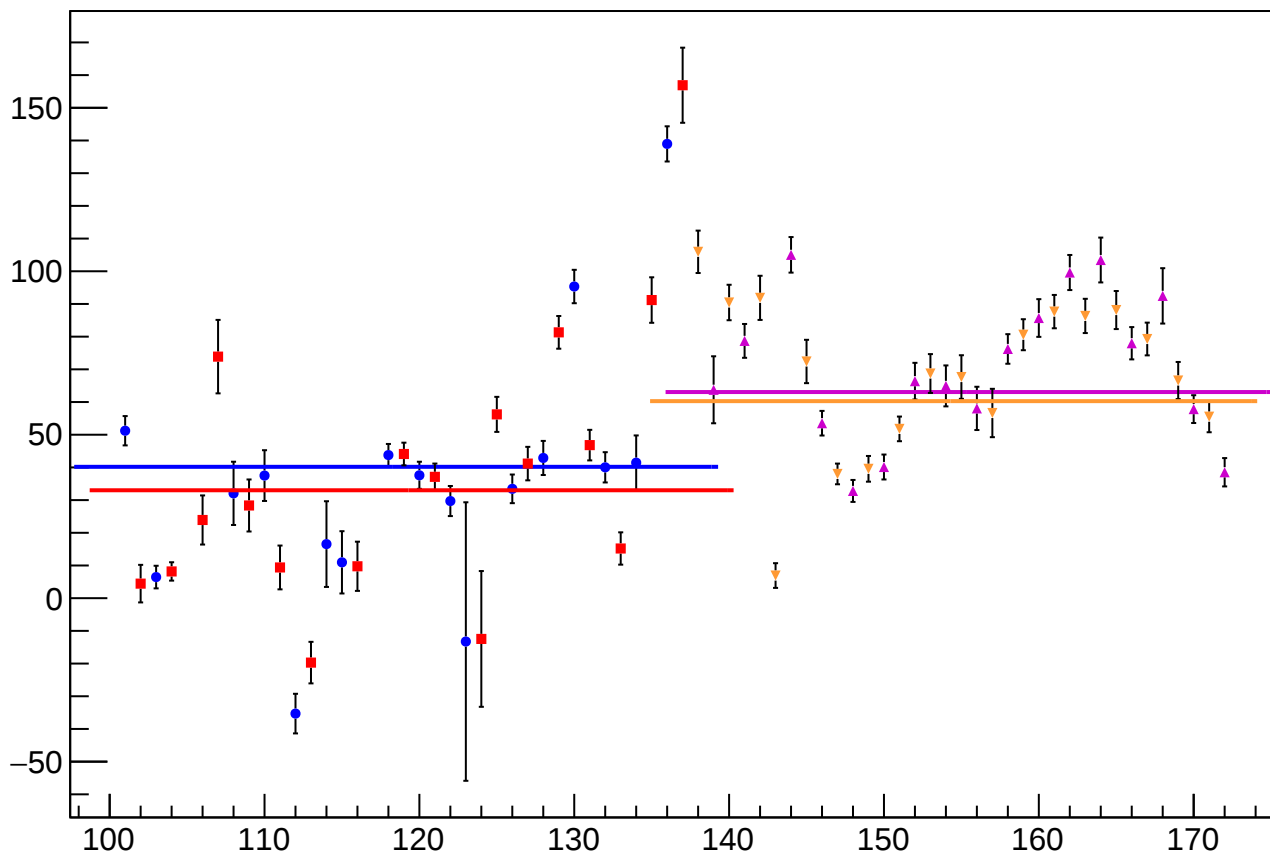
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 235.652 $\pm$ 1.163 χ^2 /NDF:8249.7/33

Out: 215.660 $\pm$ 1.144 χ^2 /NDF:13239.1/35

All: 225.495 $\pm$ 0.816 χ^2 /NDF: 21639.0/69

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 60.273 $\pm$ 1.162 χ^2 /NDF:502.3/17

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 63.056 $\pm$ 1.206 χ^2 /NDF:353.1/16

Left: 61.612 $\pm$ 0.837 χ^2 /NDF: 858.2/34

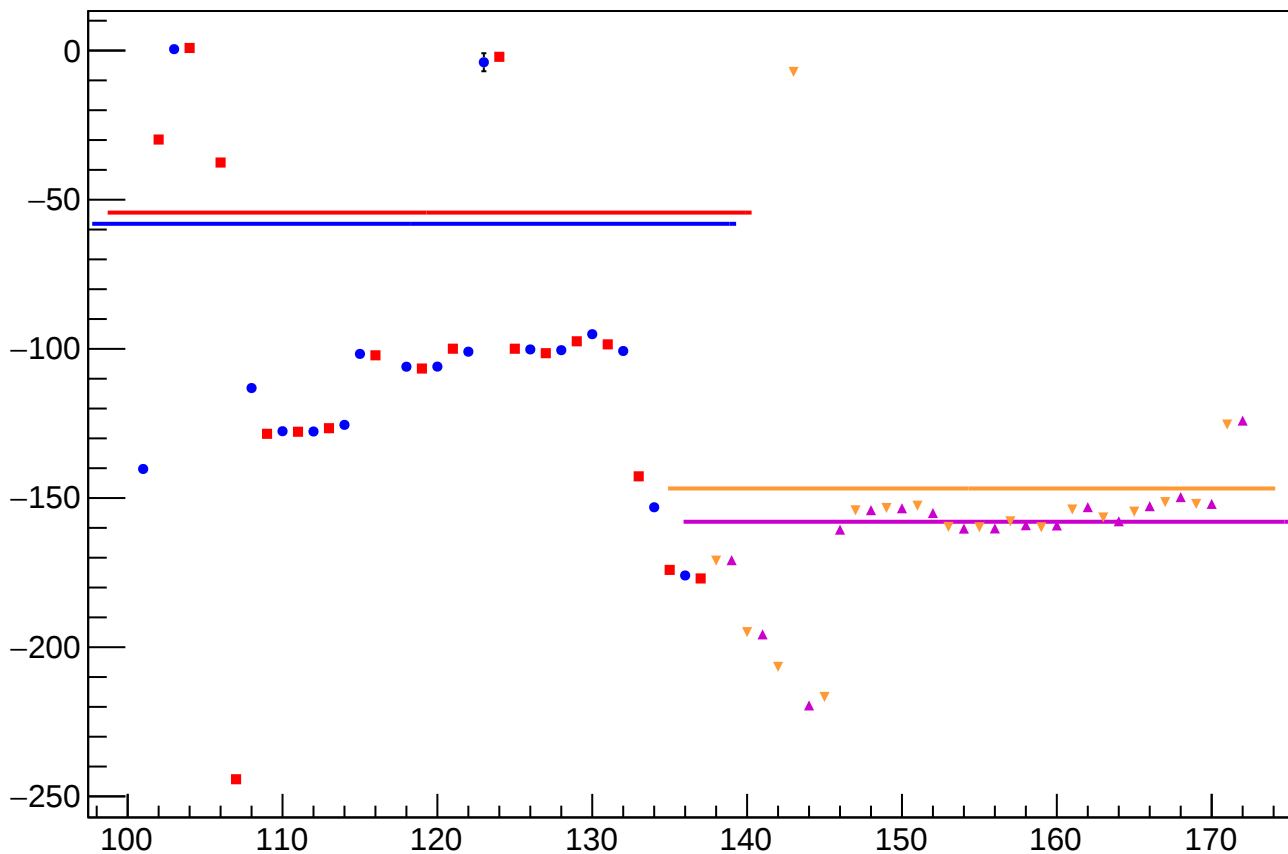
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 52.205 $\pm$ 0.875 χ^2 /NDF:1257.7/33

Out: 47.661 $\pm$ 0.852 χ^2 /NDF:1304.0/35

All: 49.874 $\pm$ 0.610 χ^2 /NDF: 2575.6/69

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: -146.798 $\pm$ 0.057 χ^2 /NDF: 669506.2/17

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -157.950 $\pm$ 0.057 χ^2 /NDF: 102573.2/16

Left: -152.352 $\pm$ 0.040 χ^2 /NDF: 791473.0/34

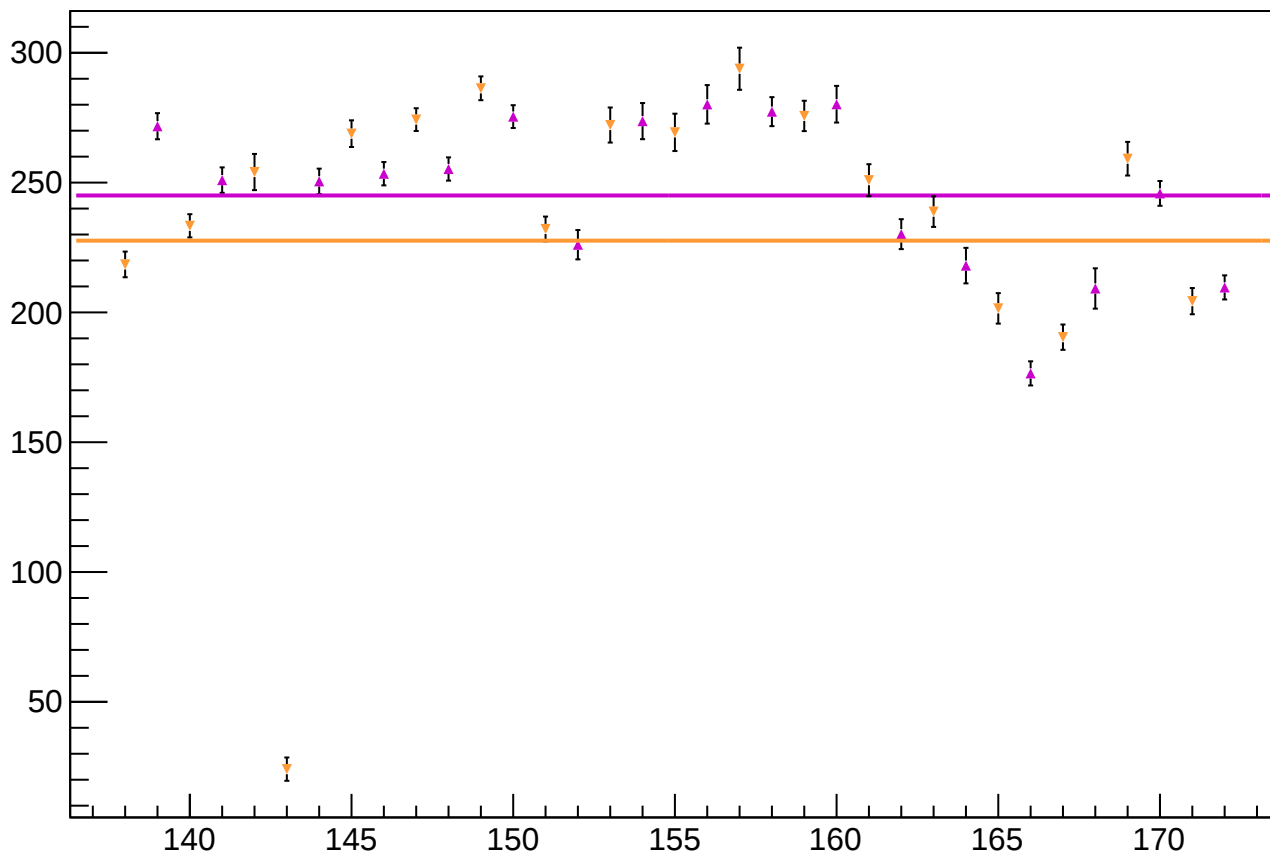
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -112.128 $\pm$ 0.042 χ^2 /NDF: 2628710.9/33

Out: -103.661 $\pm$ 0.041 χ^2 /NDF: 2909600.3/35

All: -107.848 $\pm$ 0.029 χ^2 /NDF: 5559117.4/69

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: 227.636+/-1.273 χ^2/NDF : 2768.3/17

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

Left In: 245.037+/-1.290 χ^2/NDF : 514.7/16

Left: 236.217+/-0.906 χ^2/NDF : 3375.2/34

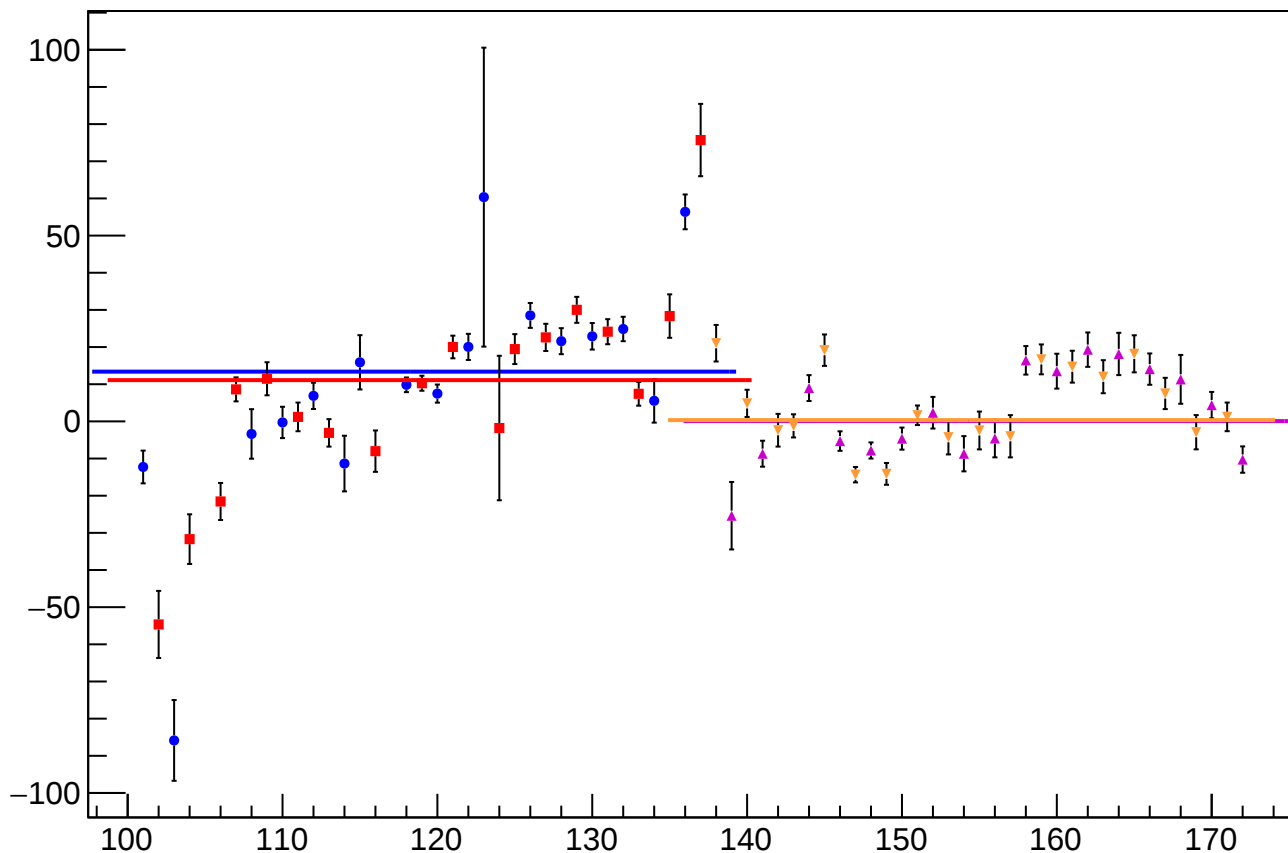
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.037+/-1.290 χ^2/NDF : 514.7/16

Out: 227.636+/-1.273 χ^2/NDF : 2768.3/17

All: 236.217+/-0.906 χ^2/NDF : 3375.2/34

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.341 ± 0.873 χ^2/NDF : 166.9/17

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.078 ± 0.907 χ^2/NDF : 122.8/16

Left: 0.215 ± 0.629 χ^2/NDF : 289.8/34

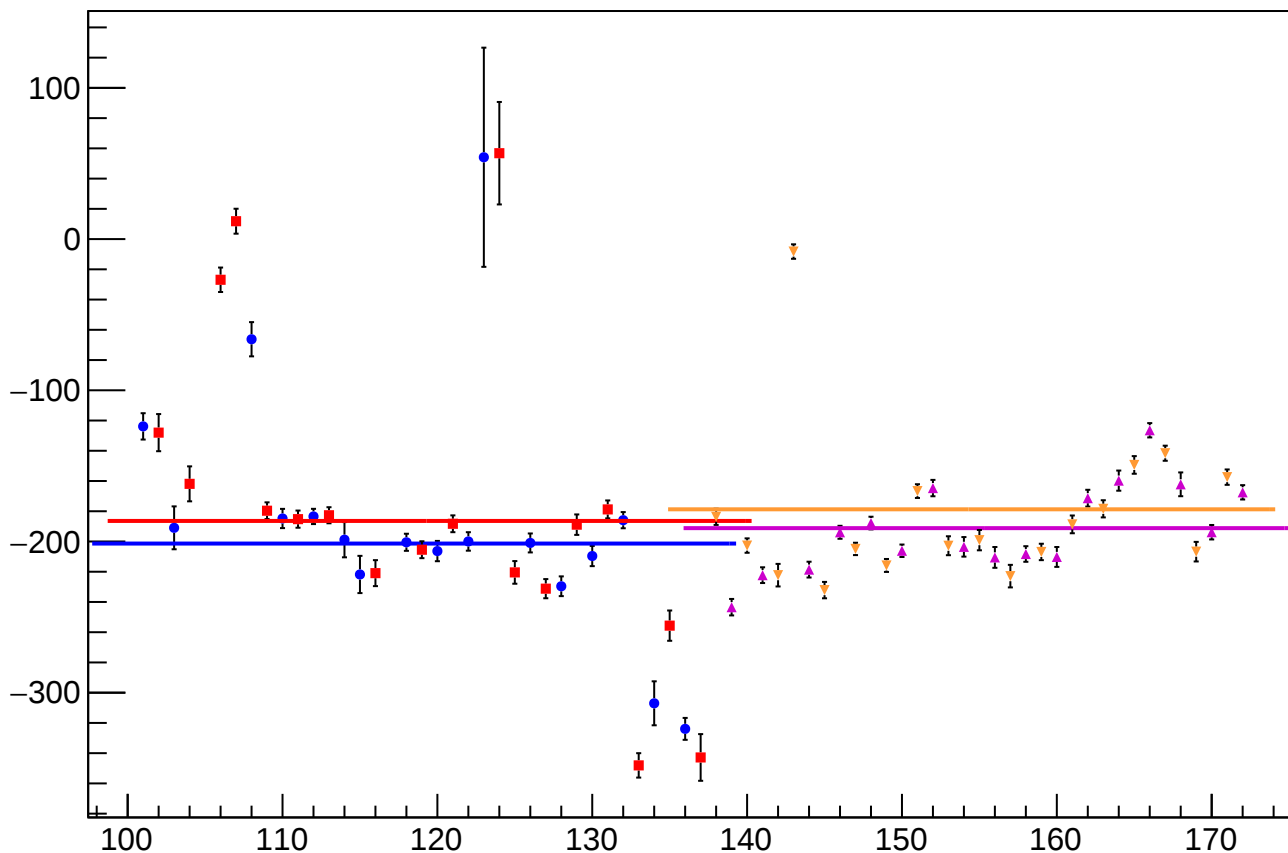
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 6.631 ± 0.646 χ^2/NDF : 522.8/33

Out: 5.466 ± 0.632 χ^2/NDF : 531.5/35

All: 6.035 ± 0.452 χ^2/NDF : 1056.0/69

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: -178.721 ± 1.261 χ^2/NDF : 1752.2/17

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -191.173 ± 1.269 χ^2/NDF : 485.0/16

Left: -184.908 ± 0.895 χ^2/NDF : 2285.6/34

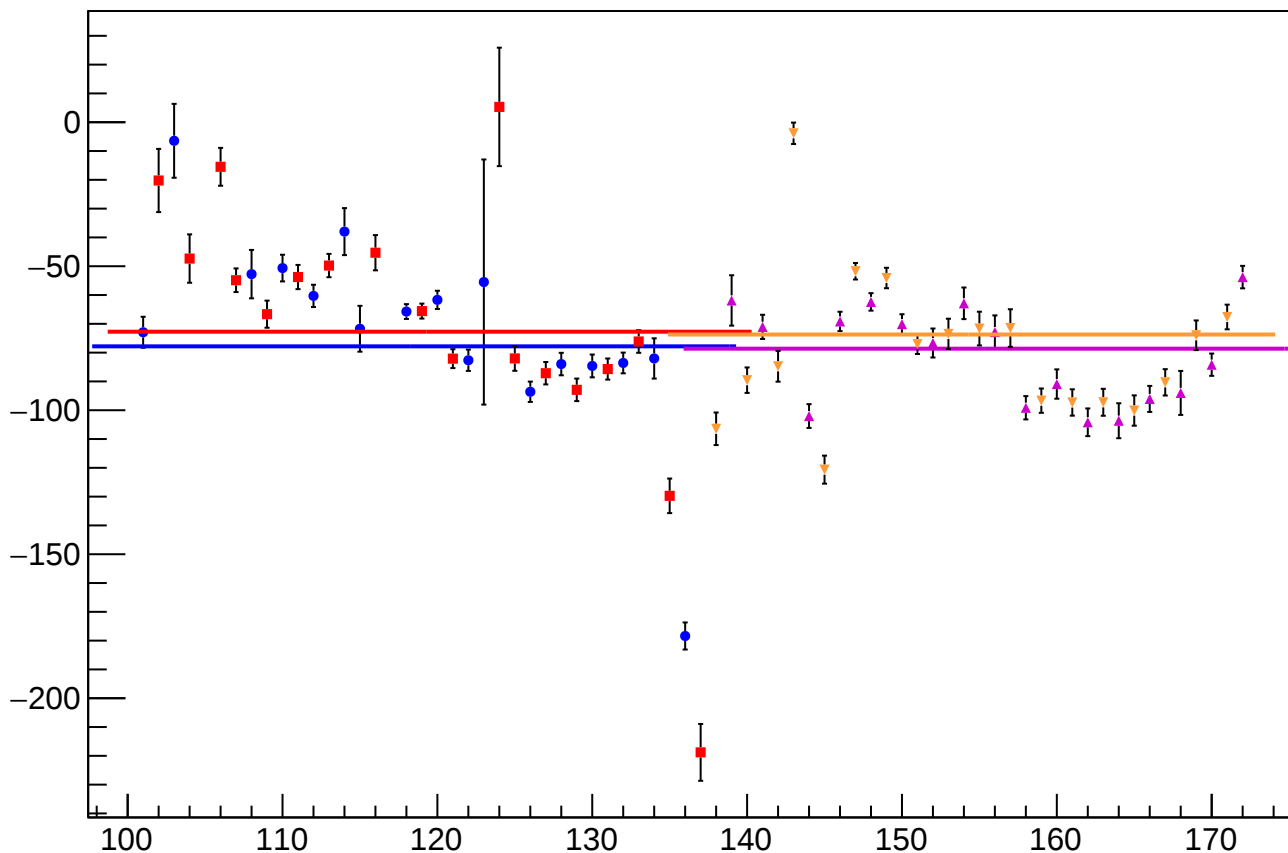
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -194.599 ± 1.034 χ^2/NDF : 1131.6/33

Out: -181.443 ± 1.014 χ^2/NDF : 3464.8/35

All: -187.890 ± 0.724 χ^2/NDF : 4679.0/69

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -73.709 ± 1.035 $\chi^2/\text{NDF}: 708.9/17$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -78.631 ± 1.065 $\chi^2/\text{NDF}: 229.4/16$

Left: -76.100 ± 0.742 $\chi^2/\text{NDF}: 949.3/34$

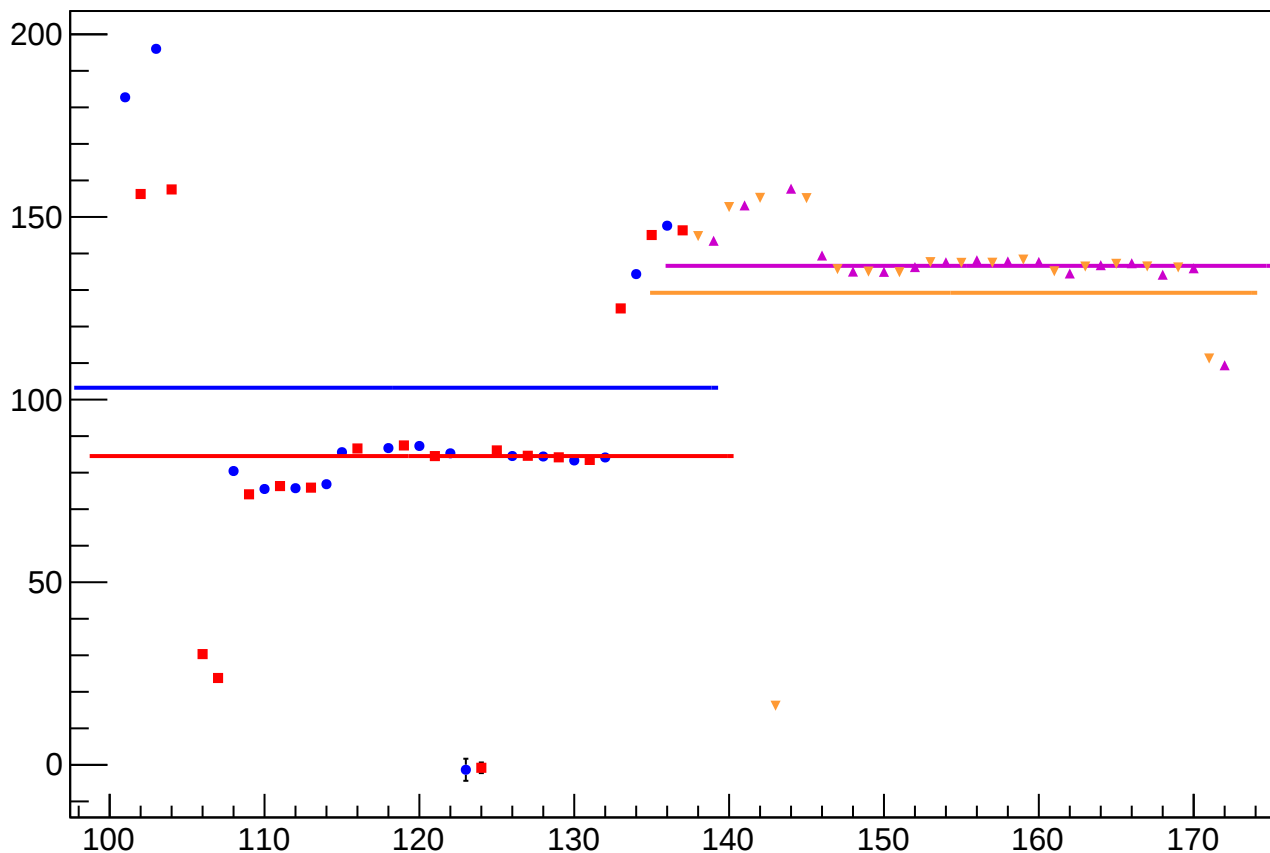
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -78.226 ± 0.754 $\chi^2/\text{NDF}: 886.0/33$

Out: -73.230 ± 0.738 $\chi^2/\text{NDF}: 1308.3/35$

All: -75.675 ± 0.528 $\chi^2/\text{NDF}: 2216.8/69$

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: 129.241 $\pm$ 0.050 χ^2 /NDF: 409660.4/17

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 136.619 $\pm$ 0.050 χ^2 /NDF: 42680.6/16

Left: 132.937 $\pm$ 0.035 χ^2 /NDF: 463183.8/34

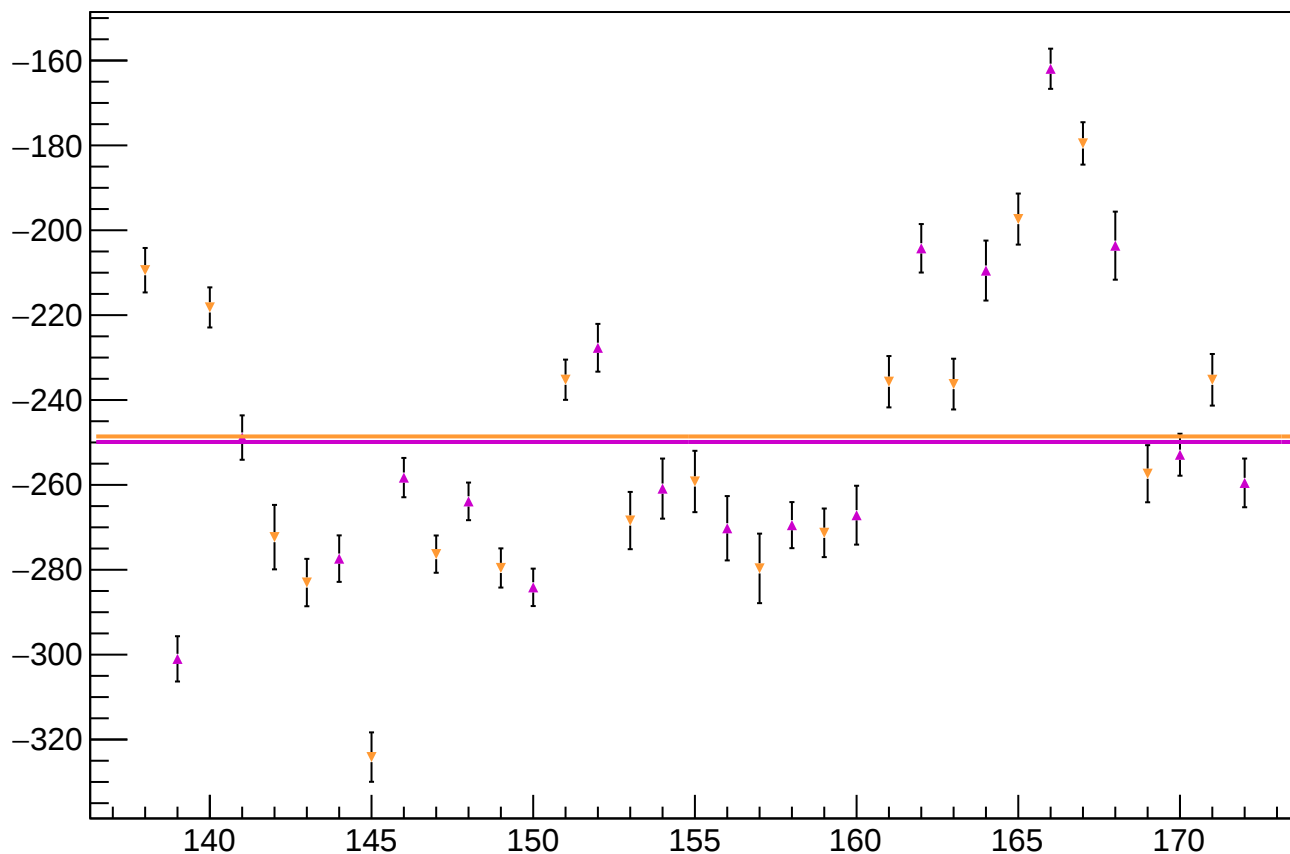
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 125.424 $\pm$ 0.041 χ^2 /NDF: 465150.4/33

Out: 112.207 $\pm$ 0.039 χ^2 /NDF: 1123776.7/35

All: 118.593 $\pm$ 0.028 χ^2 /NDF: 1643147.6/69

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: -248.585+/-1.334 χ^2/NDF : 726.0/17

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

Left In: -249.892+/-1.337 χ^2/NDF : 712.9/16

Left: -249.237+/-0.944 χ^2/NDF : 1439.4/34

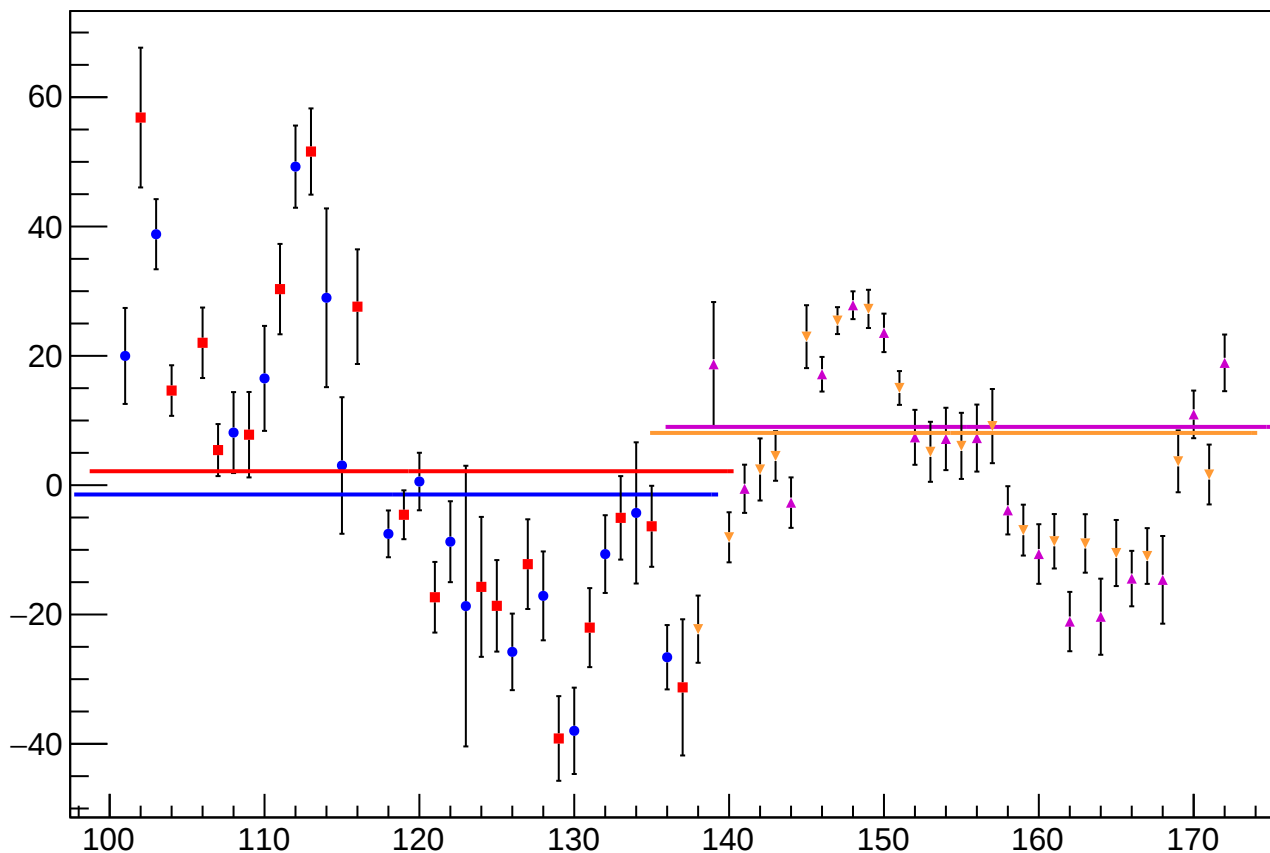
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.892+/-1.337 χ^2/NDF : 712.9/16

Out: -248.585+/-1.334 χ^2/NDF : 726.0/17

All: -249.237+/-0.944 χ^2/NDF : 1439.4/34

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.080 ± 0.907 $\chi^2/\text{NDF}: 262.7/17$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 9.013 ± 0.932 $\chi^2/\text{NDF}: 272.4/16$

Left: 8.533 ± 0.650 $\chi^2/\text{NDF}: 535.6/34$

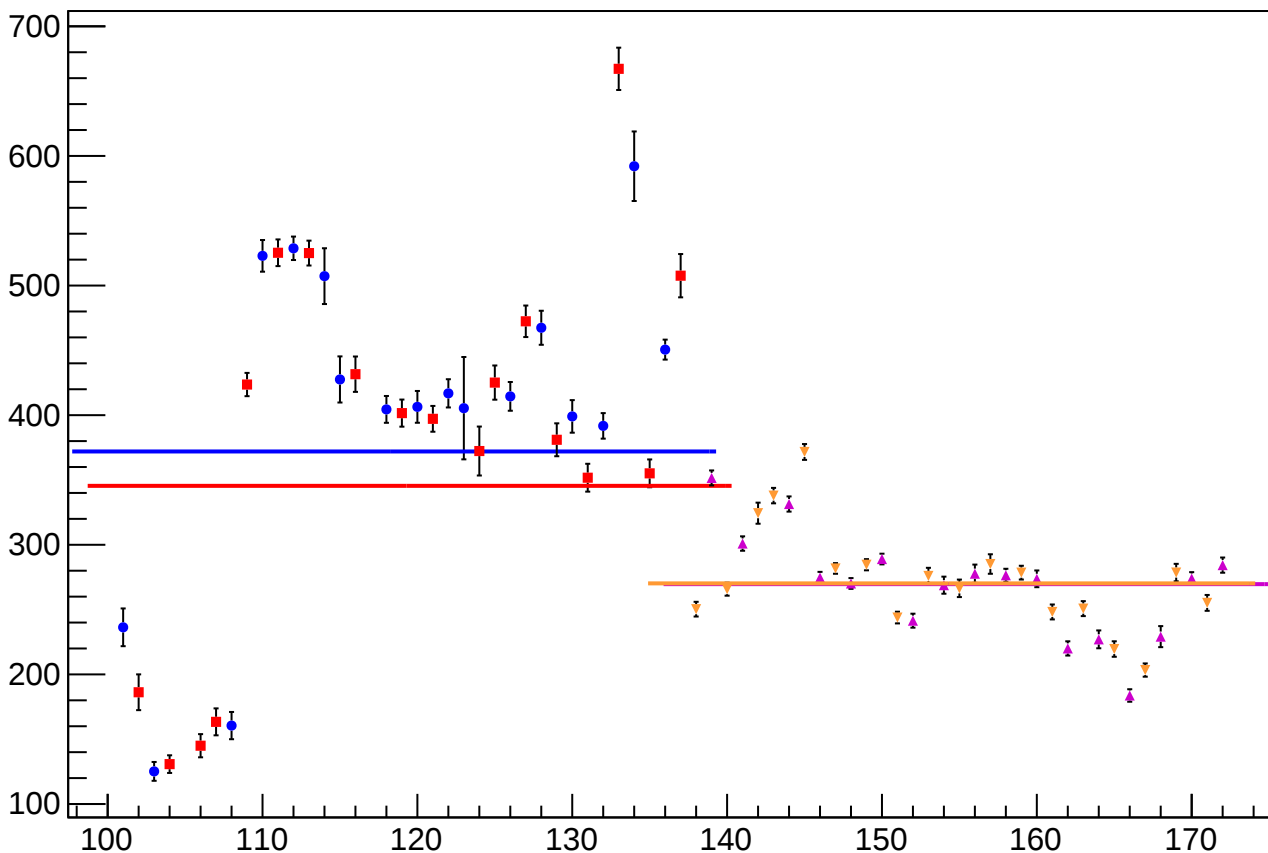
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 6.144 ± 0.794 $\chi^2/\text{NDF}: 531.3/33$

Out: 6.332 ± 0.761 $\chi^2/\text{NDF}: 505.5/35$

All: 6.242 ± 0.550 $\chi^2/\text{NDF}: 1036.8/69$

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: 270.223 $\pm$ 1.315 χ^2 /NDF: 799.0/17

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 269.633 $\pm$ 1.310 χ^2 /NDF: 867.5/16

Left: 269.927 $\pm$ 0.928 χ^2 /NDF: 1666.6/34

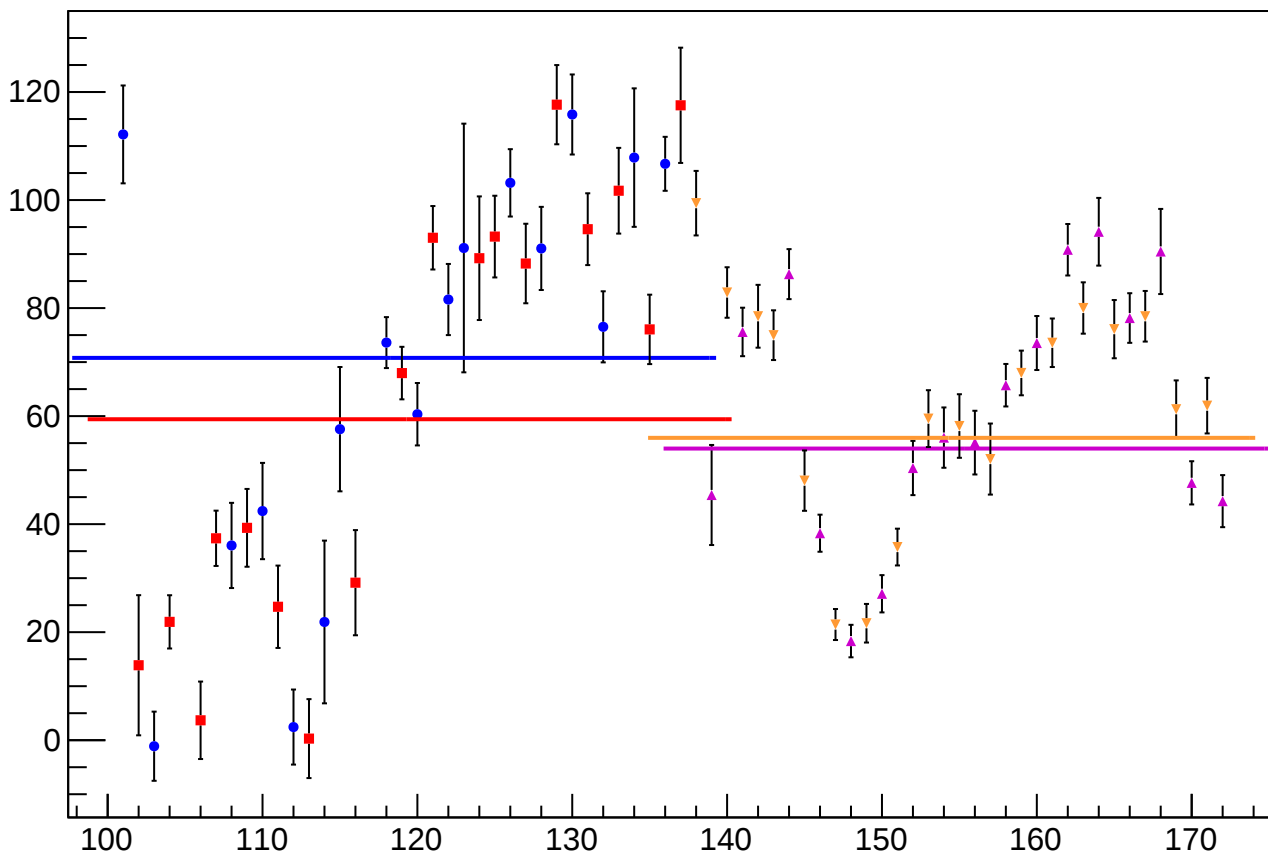
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 288.393 $\pm$ 1.184 χ^2 /NDF: 4418.3/33

Out: 285.888 $\pm$ 1.170 χ^2 /NDF: 4882.5/35

All: 287.126 $\pm$ 0.832 χ^2 /NDF: 9303.1/69

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: 55.976 $\pm$ 1.077 χ^2/NDF :482.2/17

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 53.993 $\pm$ 1.097 χ^2/NDF :475.9/16

Left: 55.003 $\pm$ 0.769 χ^2/NDF : 959.7/34

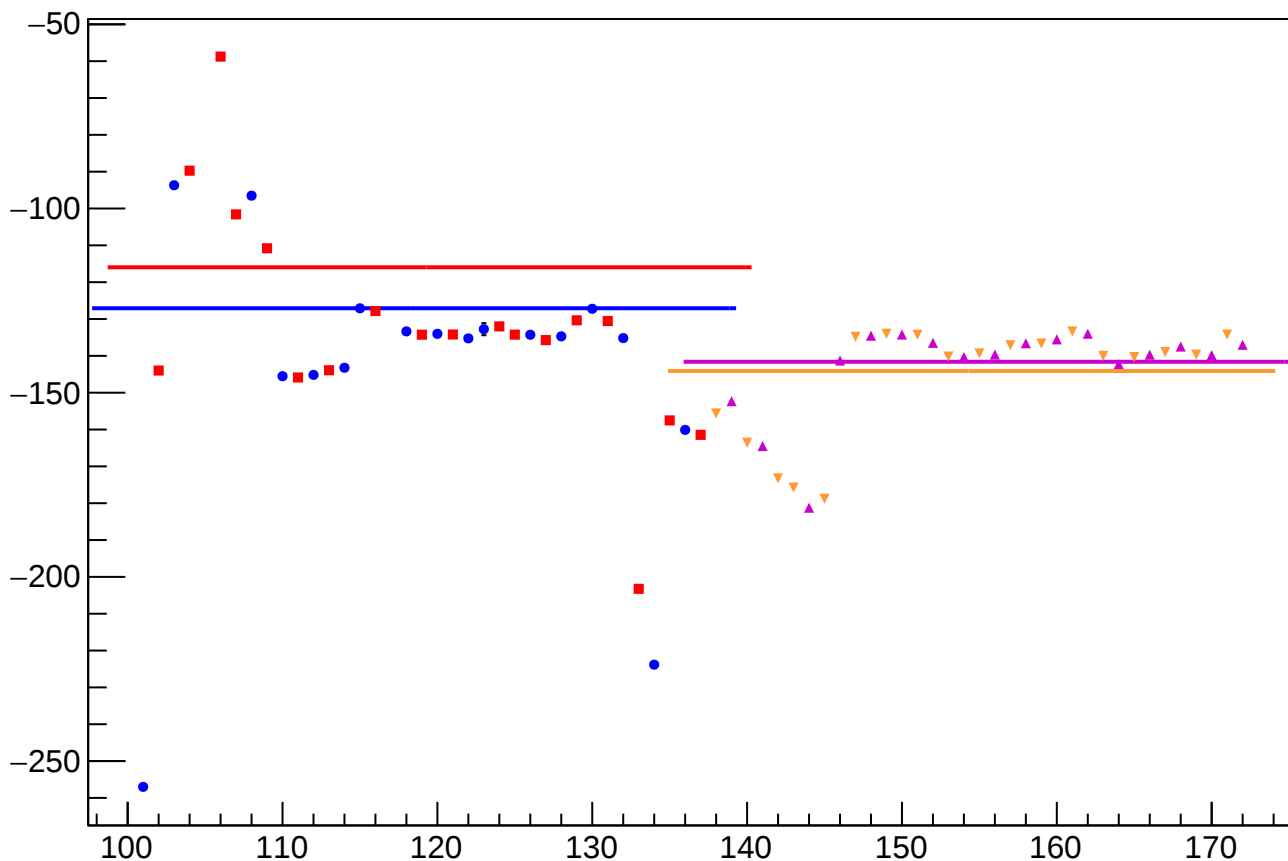
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 58.741 $\pm$ 0.929 χ^2/NDF :966.0/33

Out: 57.022 $\pm$ 0.899 χ^2/NDF :971.9/35

All: 57.853 $\pm$ 0.646 χ^2/NDF : 1939.7/69

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.107+/-0.052 χ^2/NDF : 73212.8/17

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -141.608+/-0.052 χ^2/NDF : 44515.5/16

Left: -142.842+/-0.037 χ^2/NDF : 118879.9/34

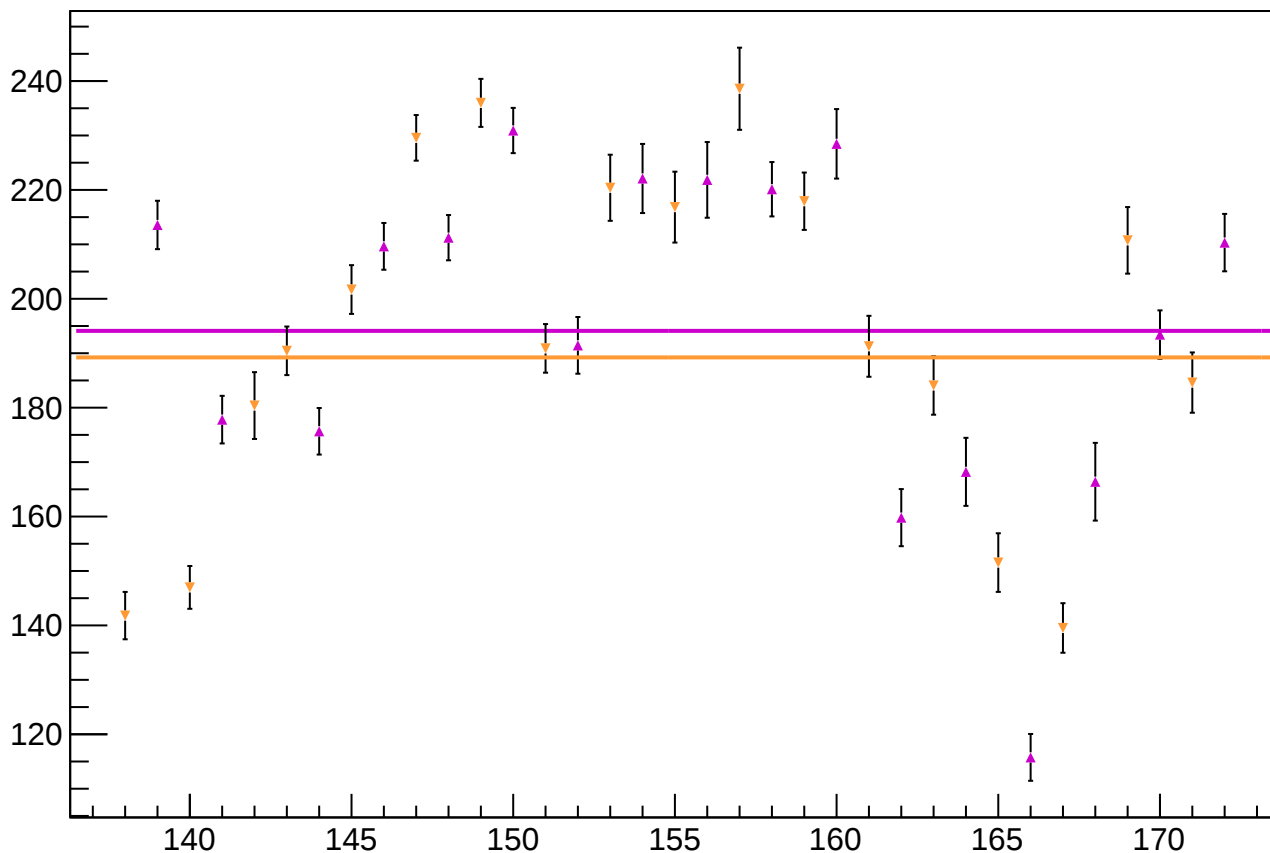
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.967+/-0.045 χ^2/NDF : 231289.3/33

Out: -136.085+/-0.044 χ^2/NDF : 314397.5/35

All: -137.015+/-0.032 χ^2/NDF : 546578.1/69

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 189.231 $\pm$ 1.182 χ^2/NDF :748.5/17

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

Left In: 194.108 $\pm$ 1.198 χ^2/NDF :668.0/16

Left: 191.636 $\pm$ 0.841 χ^2/NDF : 1424.9/34

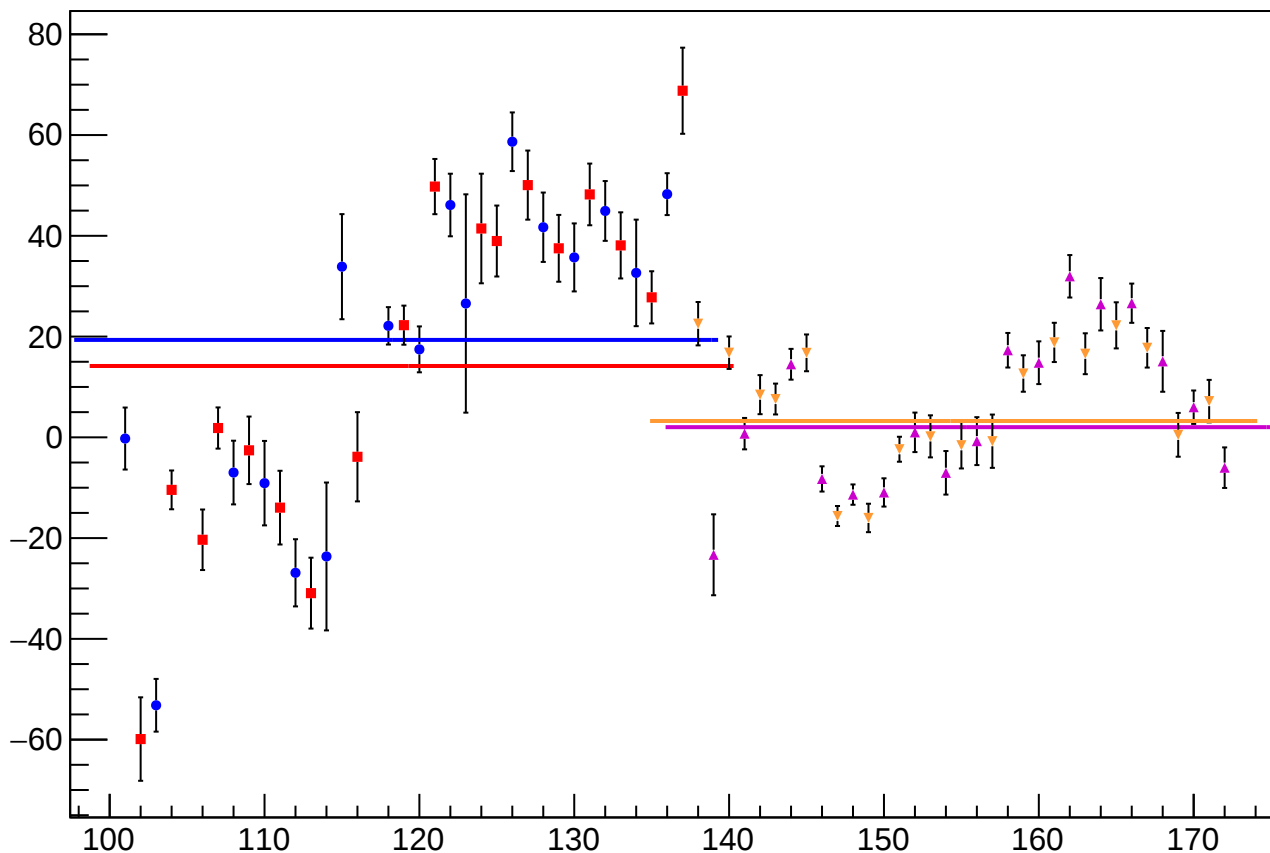
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 194.108 $\pm$ 1.198 χ^2/NDF :668.0/16

Out: 189.231 $\pm$ 1.182 χ^2/NDF :748.5/17

All: 191.636 $\pm$ 0.841 χ^2/NDF : 1424.9/34

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 3.244 ± 0.815 $\chi^2/\text{NDF}: 265.2/17$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 2.021 ± 0.845 $\chi^2/\text{NDF}: 265.3/16$

Left: 2.654 ± 0.587 $\chi^2/\text{NDF}: 531.5/34$

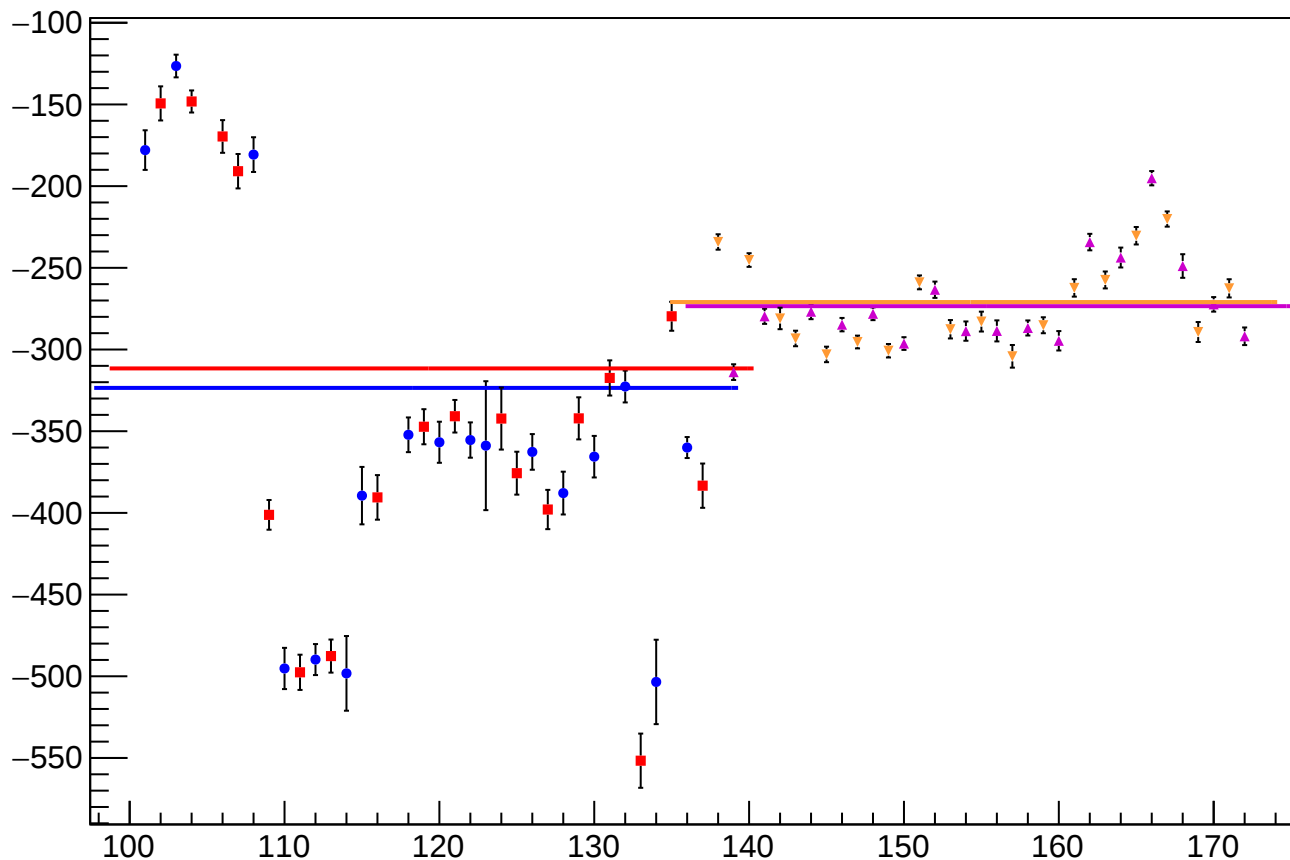
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 6.268 ± 0.734 $\chi^2/\text{NDF}: 808.1/33$

Out: 6.034 ± 0.703 $\chi^2/\text{NDF}: 737.1/35$

All: 6.146 ± 0.508 $\chi^2/\text{NDF}: 1545.2/69$

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: -270.938 ± 1.173 $\chi^2/\text{NDF}: 508.8/17$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -273.461 ± 1.179 $\chi^2/\text{NDF}: 581.1/16$

Left: -272.193 ± 0.832 $\chi^2/\text{NDF}: 1092.2/34$

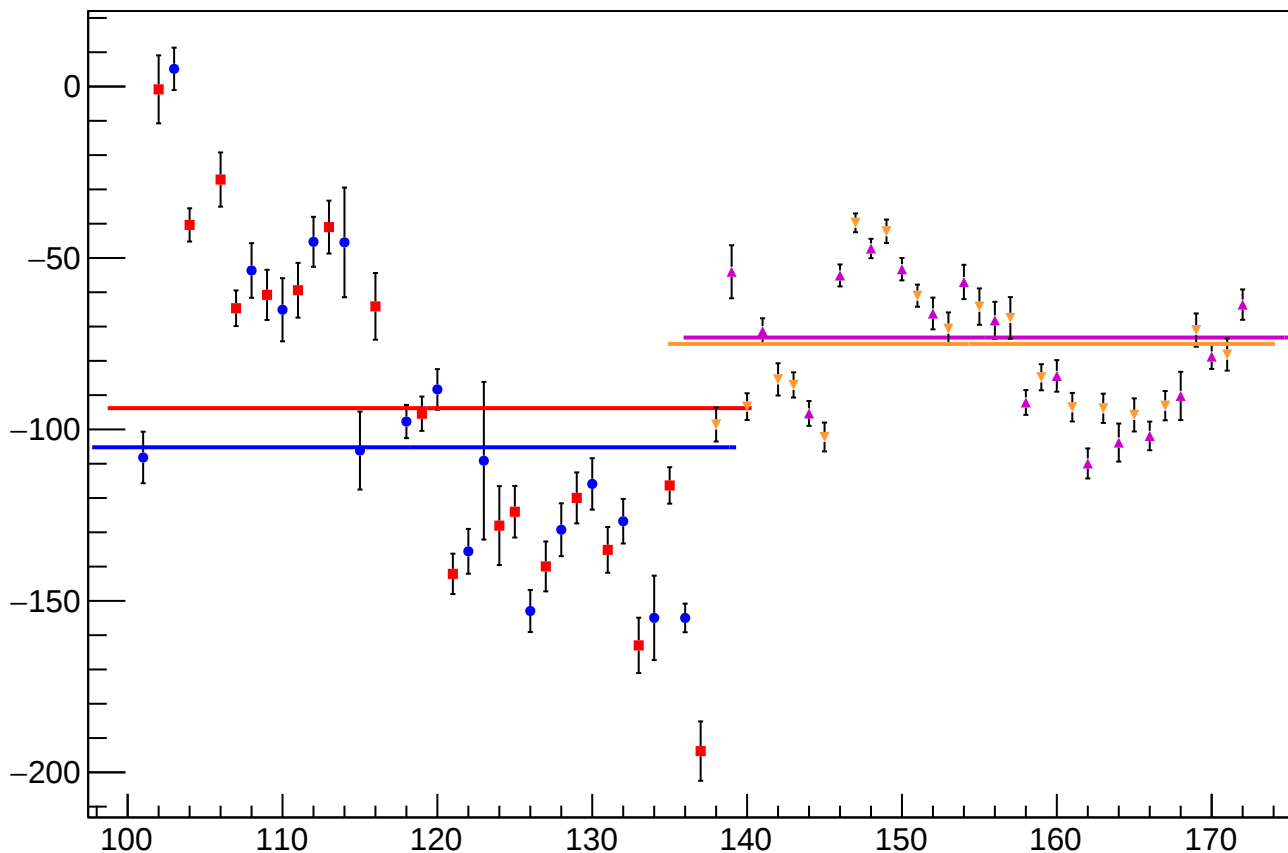
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -281.613 ± 1.079 $\chi^2/\text{NDF}: 2722.0/33$

Out: -278.142 ± 1.064 $\chi^2/\text{NDF}: 2965.4/35$

All: -279.853 ± 0.758 $\chi^2/\text{NDF}: 5692.6/69$

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: -75.059 ± 0.965 χ^2/NDF : 469.3/17

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -73.204 ± 0.992 χ^2/NDF : 406.0/16

Left: -74.157 ± 0.692 χ^2/NDF : 877.1/34

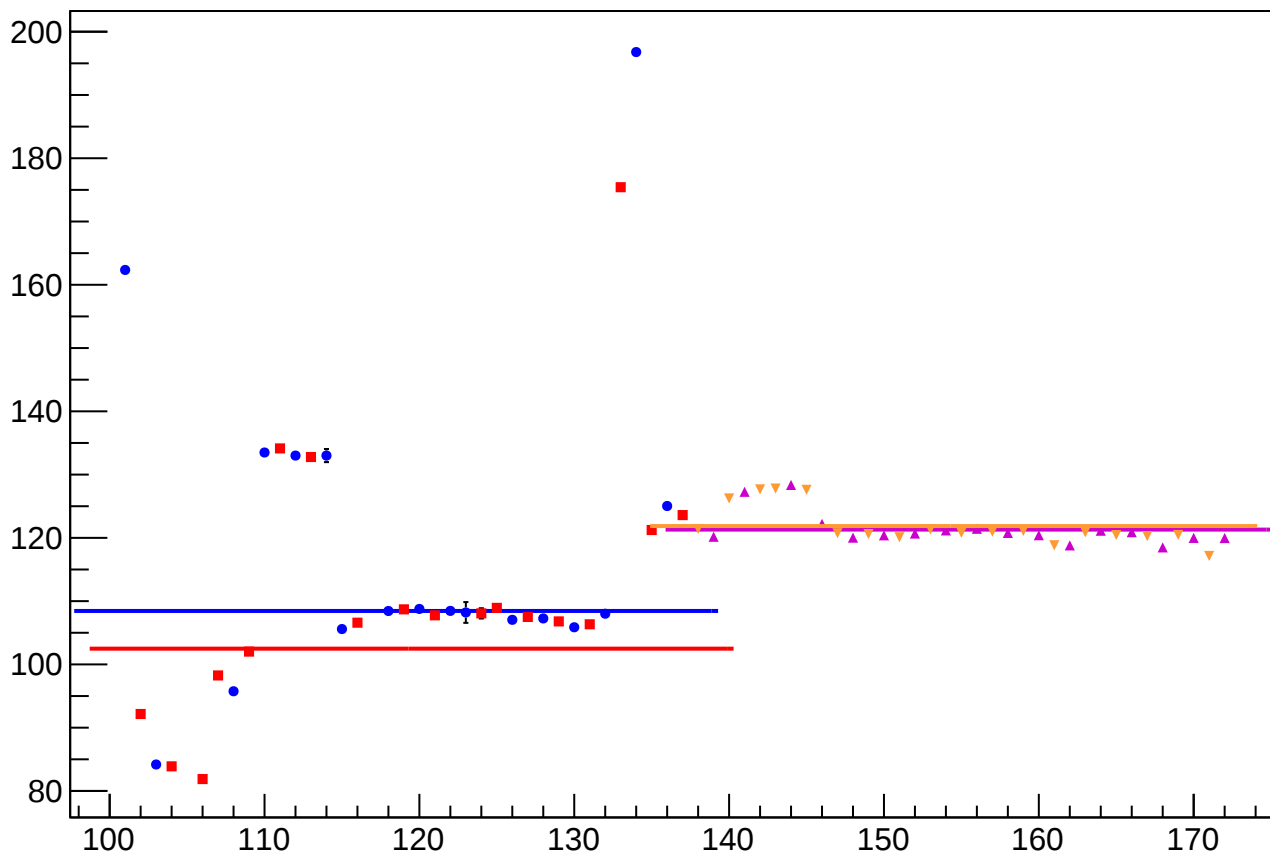
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -81.355 ± 0.856 χ^2/NDF : 1406.7/33

Out: -80.008 ± 0.828 χ^2/NDF : 1384.2/35

All: -80.659 ± 0.595 χ^2/NDF : 2792.2/69

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: 121.867 $\pm$ 0.047 χ^2 /NDF: 4180.1/17

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.306 $\pm$ 0.047 χ^2 /NDF: 2830.5/16

Left: 121.586 $\pm$ 0.033 χ^2 /NDF: 7082.8/34

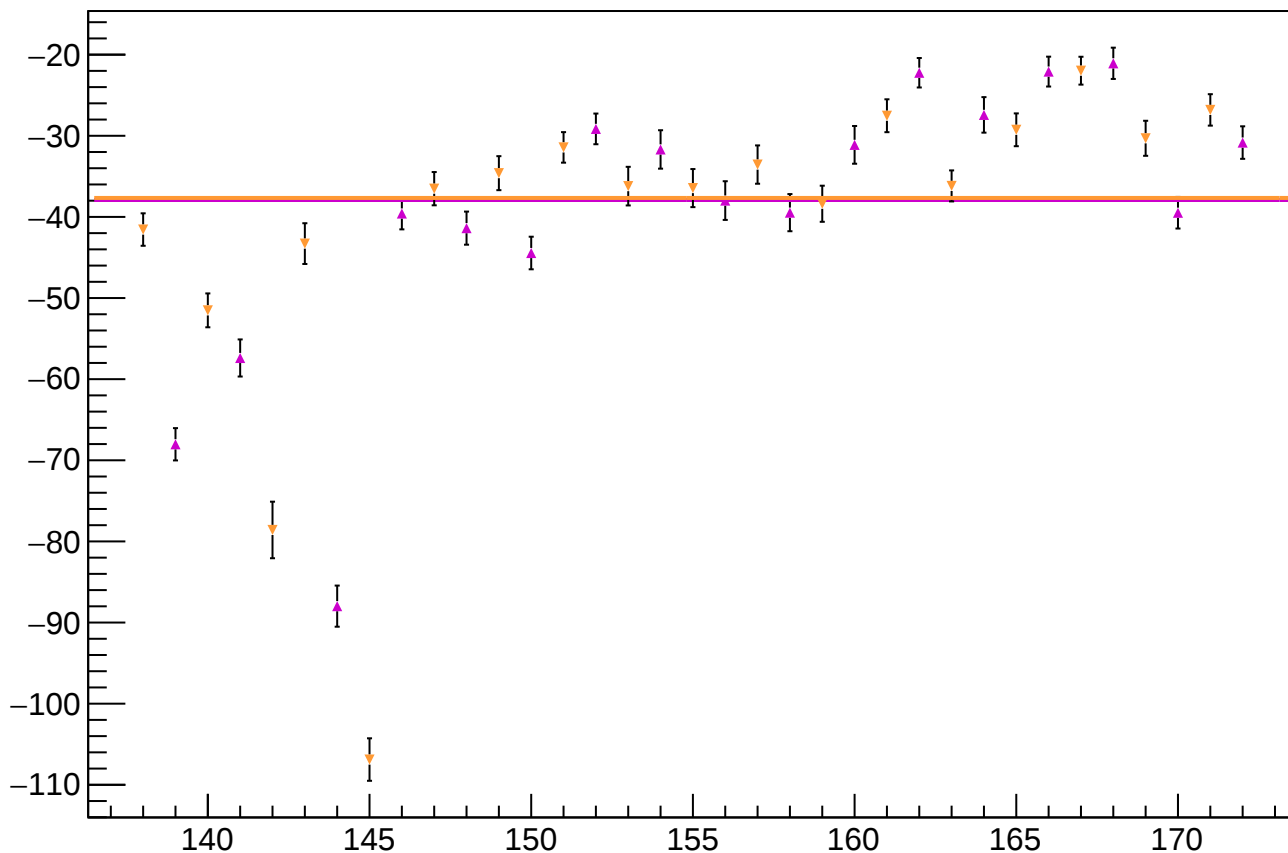
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.326 $\pm$ 0.041 χ^2 /NDF: 93761.2/33

Out: 116.906 $\pm$ 0.040 χ^2 /NDF: 101174.2/35

All: 117.607 $\pm$ 0.029 χ^2 /NDF: 195548.3/69

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: -37.662+/-0.504 χ^2/NDF :1075.8/17

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

Left In: -37.915+/-0.503 χ^2/NDF :1003.8/16

Left: -37.788+/-0.356 χ^2/NDF : 2079.6/34

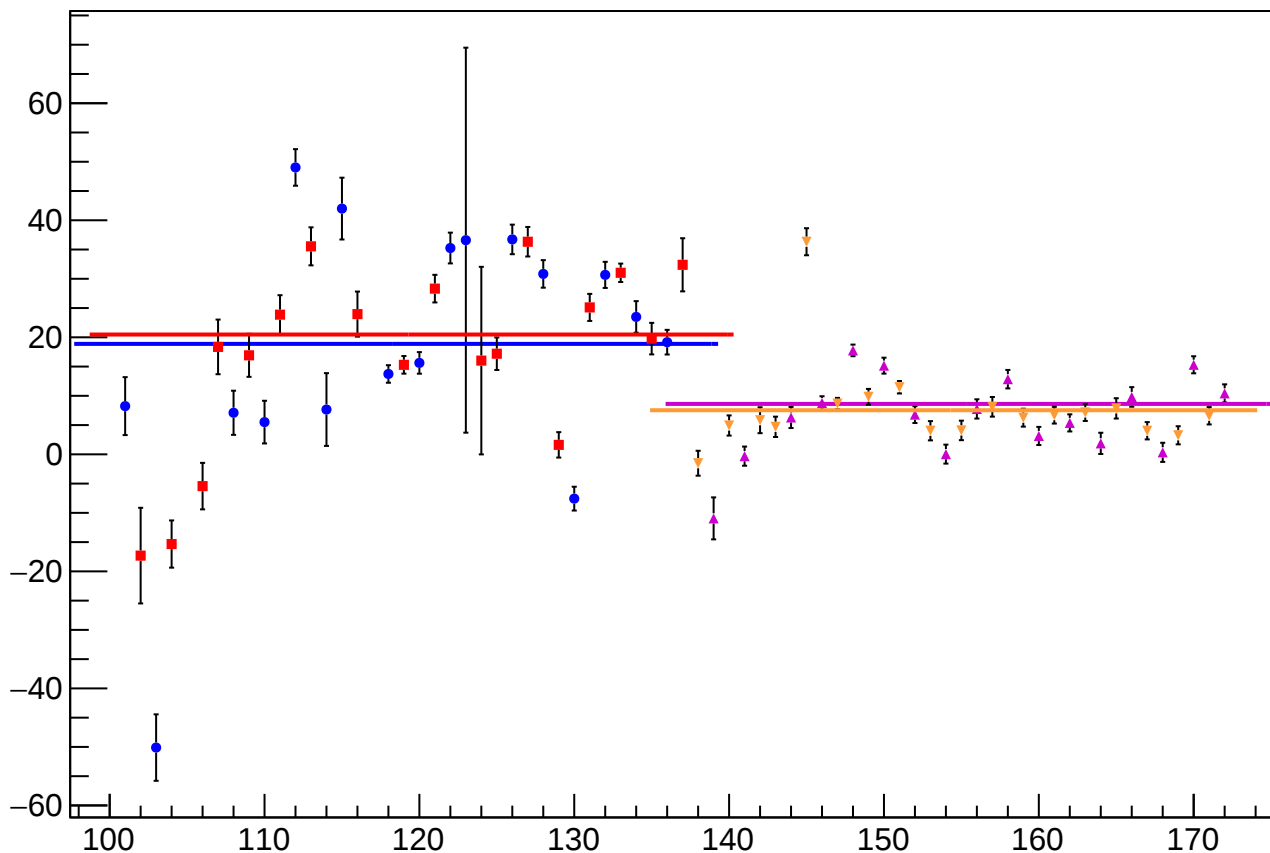
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.915+/-0.503 χ^2/NDF :1003.8/16

Out: -37.662+/-0.504 χ^2/NDF :1075.8/17

All: -37.788+/-0.356 χ^2/NDF : 2079.6/34

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: 7.535 $\pm$ 0.356 χ^2 /NDF:220.6/17

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 8.617 $\pm$ 0.364 χ^2 /NDF:286.0/16

Left: 8.063 $\pm$ 0.255 χ^2 /NDF: 511.1/34

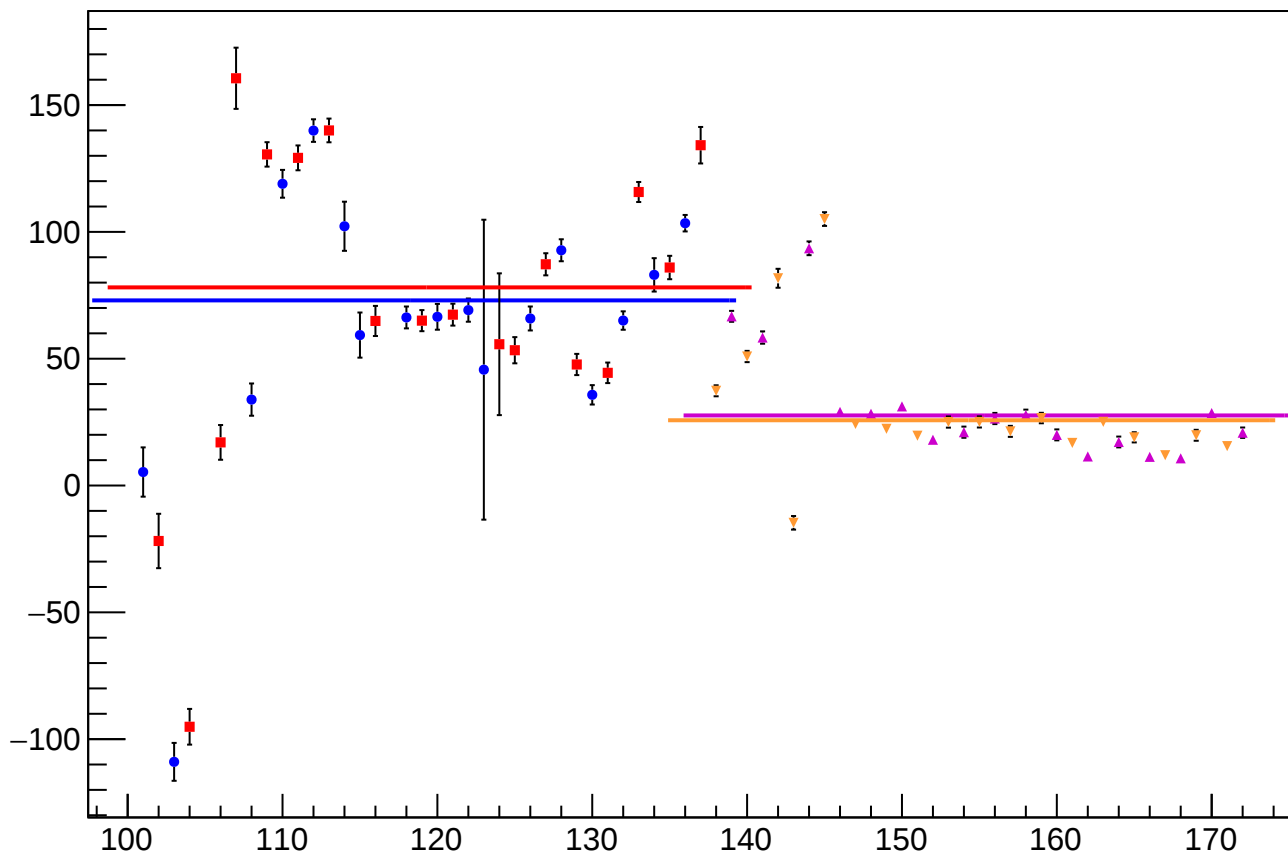
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 11.103 $\pm$ 0.317 χ^2 /NDF:1098.5/33

Out: 10.565 $\pm$ 0.311 χ^2 /NDF:892.6/35

All: 10.829 $\pm$ 0.222 χ^2 /NDF: 1992.5/69

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 25.732 $\pm$ 0.496 χ^2 /NDF:1618.7/17

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 27.631 $\pm$ 0.493 χ^2 /NDF:1405.2/16

Left: 26.686 $\pm$ 0.350 χ^2 /NDF: 3031.2/34

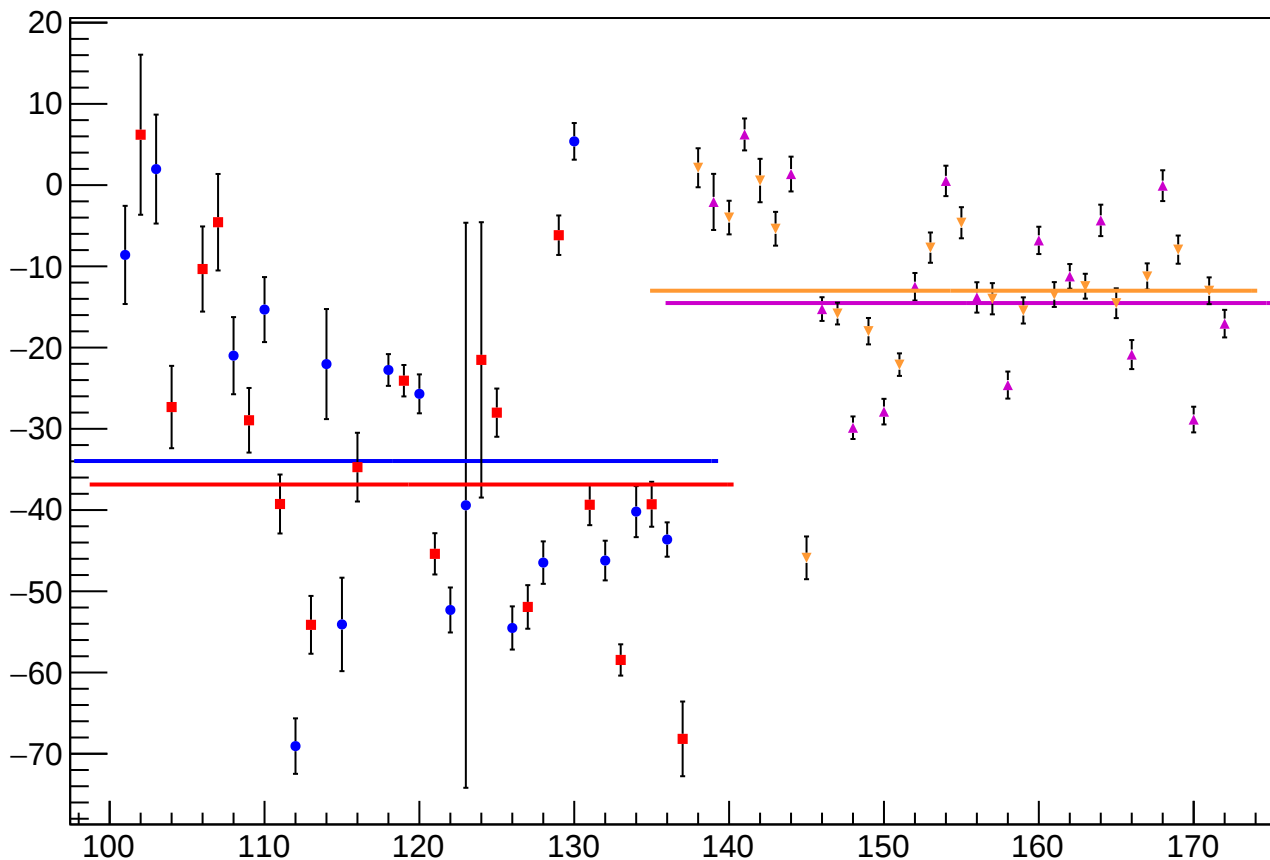
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 33.913 $\pm$ 0.458 χ^2 /NDF:3782.4/33

Out: 33.111 $\pm$ 0.459 χ^2 /NDF:4739.6/35

All: 33.513 $\pm$ 0.324 χ^2 /NDF: 8523.5/69

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: -13.000 ± 0.414 χ^2/NDF : 351.2/17

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.517 ± 0.422 χ^2/NDF : 685.3/16

Left: -13.745 ± 0.295 χ^2/NDF : 1043.2/34

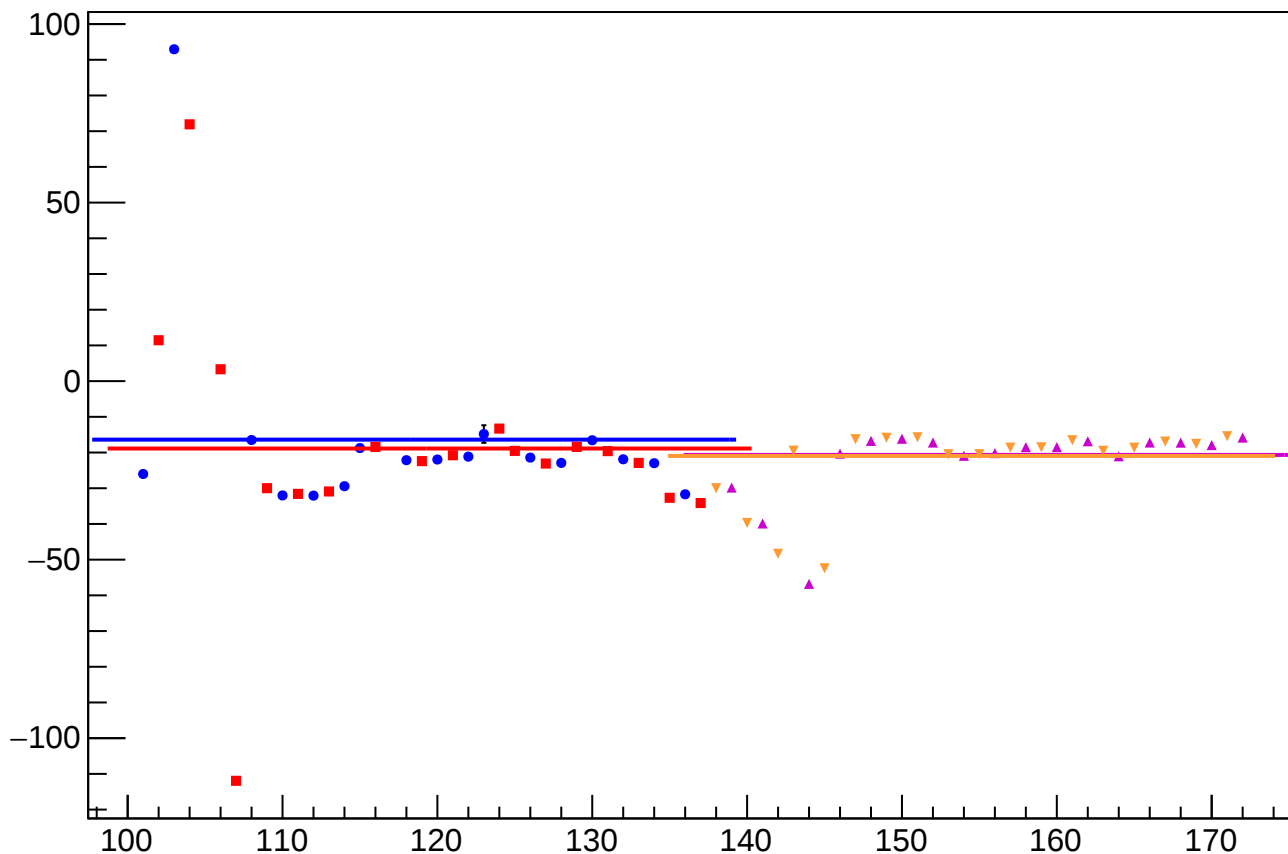
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -19.307 ± 0.366 χ^2/NDF : 1931.3/33

Out: -18.725 ± 0.361 χ^2/NDF : 1683.0/35

All: -19.012 ± 0.257 χ^2/NDF : 3615.5/69

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: -20.947 ± 0.019 $\chi^2/\text{NDF}: 198276.2/17$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -20.666 ± 0.019 $\chi^2/\text{NDF}: 167550.1/16$

Left: -20.805 ± 0.014 $\chi^2/\text{NDF}: 365933.3/34$

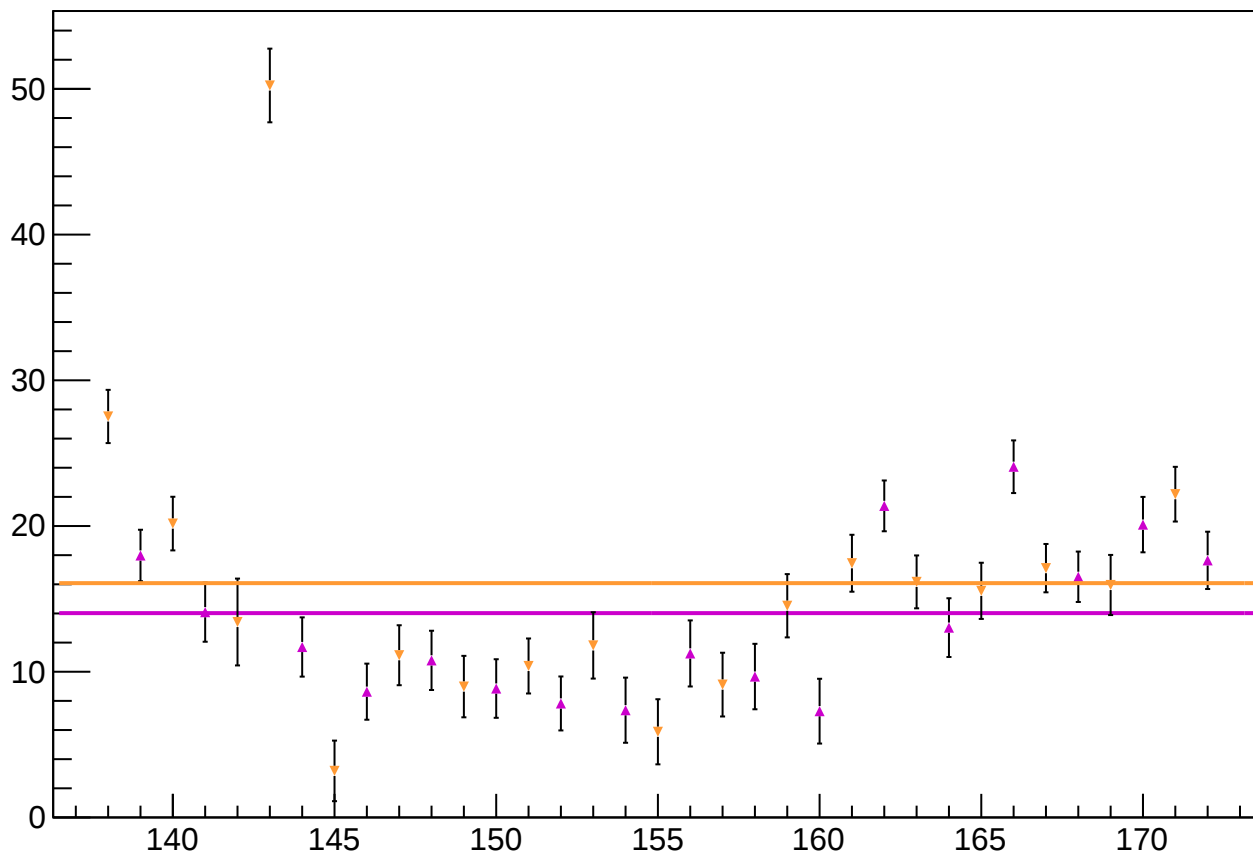
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -19.994 ± 0.018 $\chi^2/\text{NDF}: 649656.1/33$

Out: -20.628 ± 0.018 $\chi^2/\text{NDF}: 633422.7/35$

All: -20.308 ± 0.013 $\chi^2/\text{NDF}: 1283721.2/69$

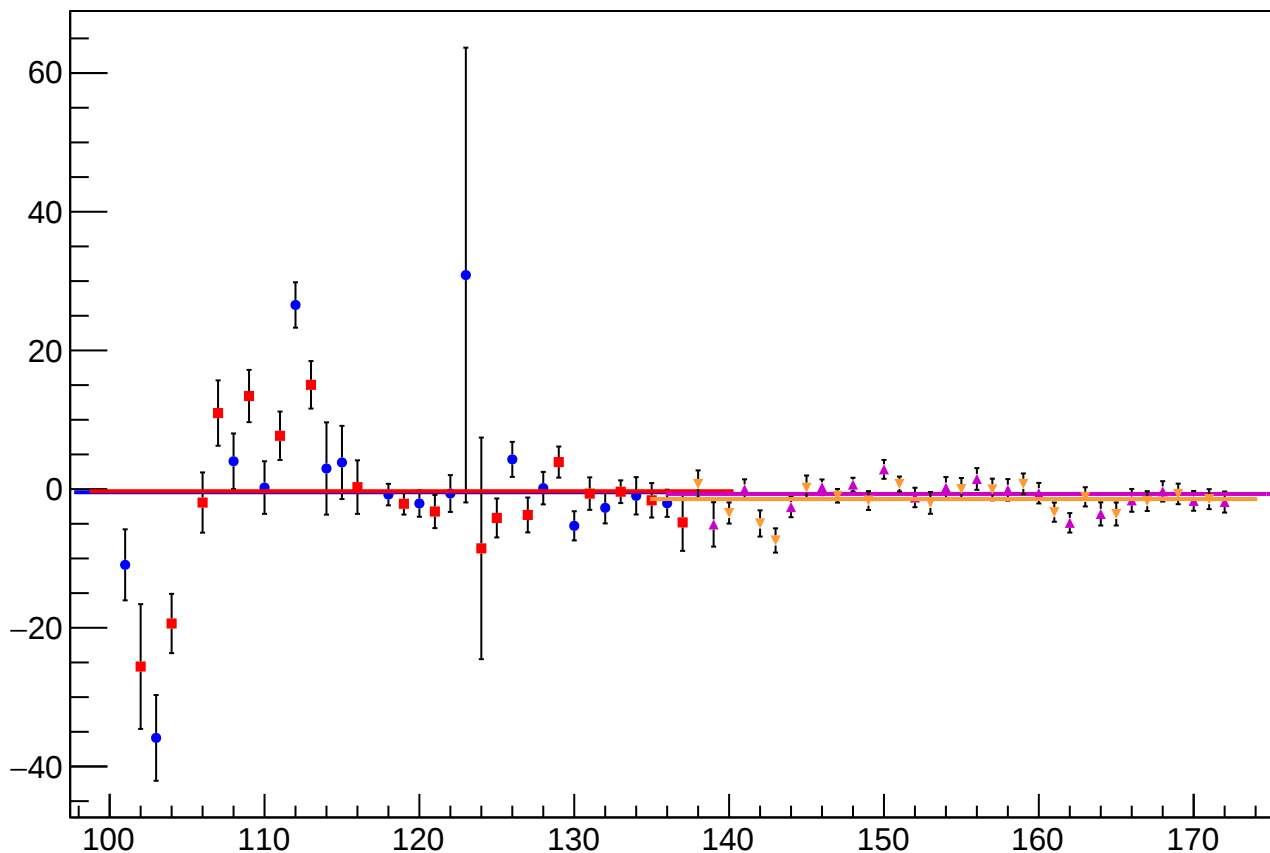
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 16.080 ± 0.478 $\chi^2/\text{NDF}: 338.6/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 14.023 ± 0.477 $\chi^2/\text{NDF}: 122.5/16$

Left: 15.048 ± 0.338 $\chi^2/\text{NDF}: 470.4/34$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 14.023 ± 0.477 $\chi^2/\text{NDF}: 122.5/16$
 Out: 16.080 ± 0.478 $\chi^2/\text{NDF}: 338.6/17$
 All: 15.048 ± 0.338 $\chi^2/\text{NDF}: 470.4/34$

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: -1.431 ± 0.342 χ^2/NDF : 31.1/17

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.697 ± 0.349 χ^2/NDF : 28.9/16

Left: -1.071 ± 0.244 χ^2/NDF : 62.3/34

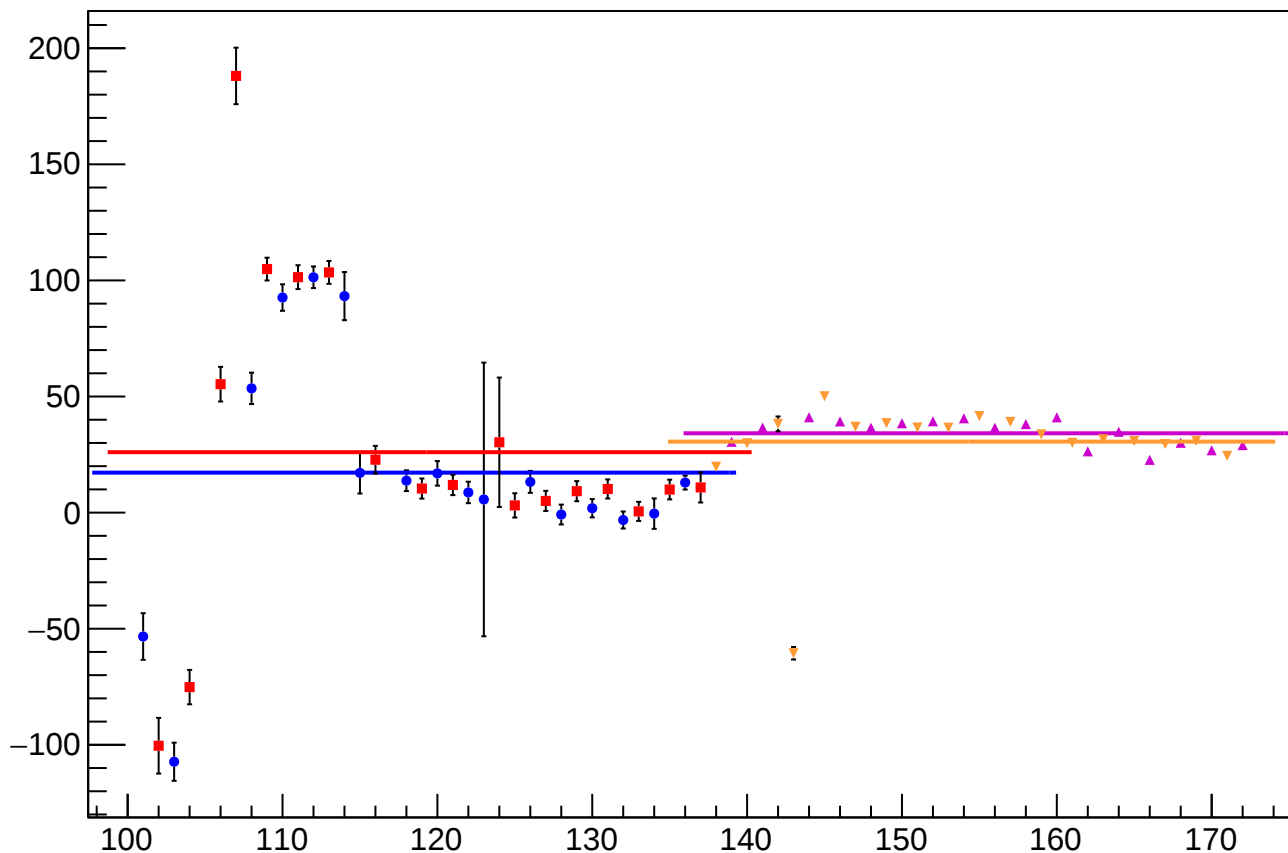
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.643 ± 0.308 χ^2/NDF : 148.6/33

Out: -1.191 ± 0.303 χ^2/NDF : 117.5/35

All: -0.921 ± 0.216 χ^2/NDF : 267.7/69

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: 30.576+/-0.472 χ^2 /NDF:1364.6/17

Right Out: 26.032+/-1.244 χ^2 /NDF: 1366.0/17

Left In: 34.170+/-0.469 χ^2 /NDF:150.6/16

Left: 32.386+/-0.333 χ^2 /NDF: 1544.4/34

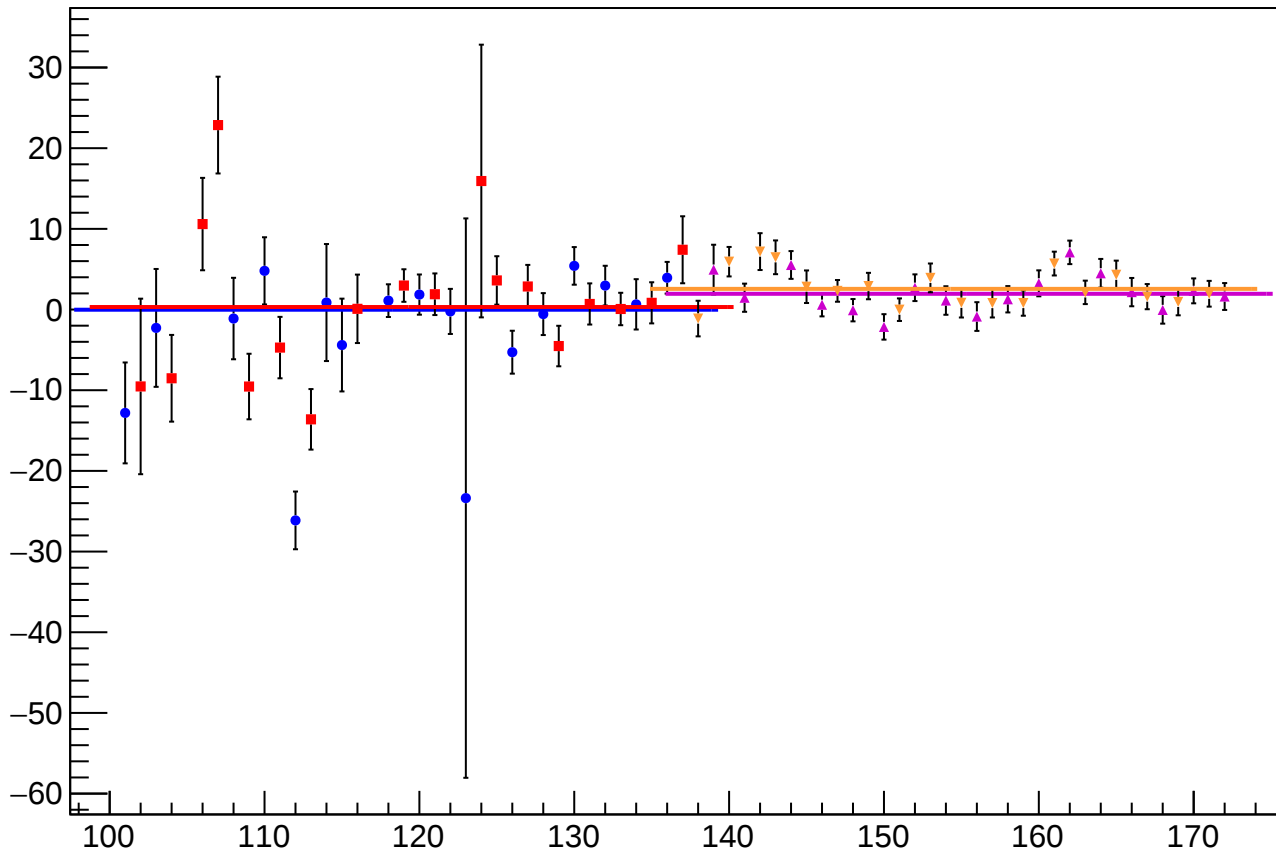
Right: 21.614+/-0.879 χ^2 /NDF: 2331.3/34

In: 32.055+/-0.438 χ^2 /NDF:1254.1/33

Out: 30.004+/-0.441 χ^2 /NDF:2742.2/35

All: 31.036+/-0.311 χ^2 /NDF: 4007.2/69

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: 2.563 ± 0.396 χ^2/NDF : 28.1/17

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.951 ± 0.403 χ^2/NDF : 34.8/16

Left: 2.262 ± 0.282 χ^2/NDF : 64.1/34

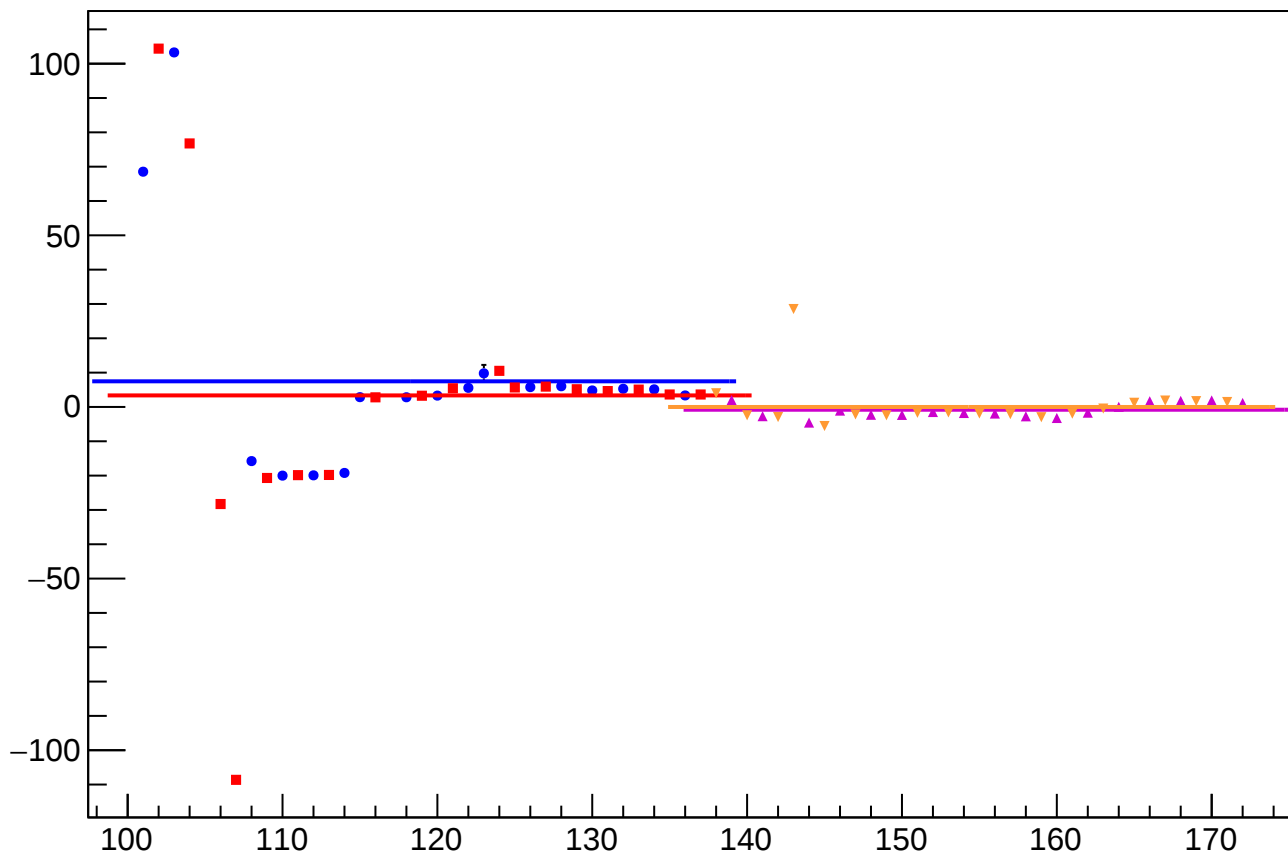
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.505 ± 0.354 χ^2/NDF : 116.1/33

Out: 2.071 ± 0.350 χ^2/NDF : 89.2/35

All: 1.791 ± 0.249 χ^2/NDF : 206.6/69

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: -0.009 $\pm$ 0.018 χ^2 /NDF: 86142.1/17

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -0.810 $\pm$ 0.018 χ^2 /NDF: 11679.7/16

Left: -0.412 $\pm$ 0.013 χ^2 /NDF: 98782.0/34

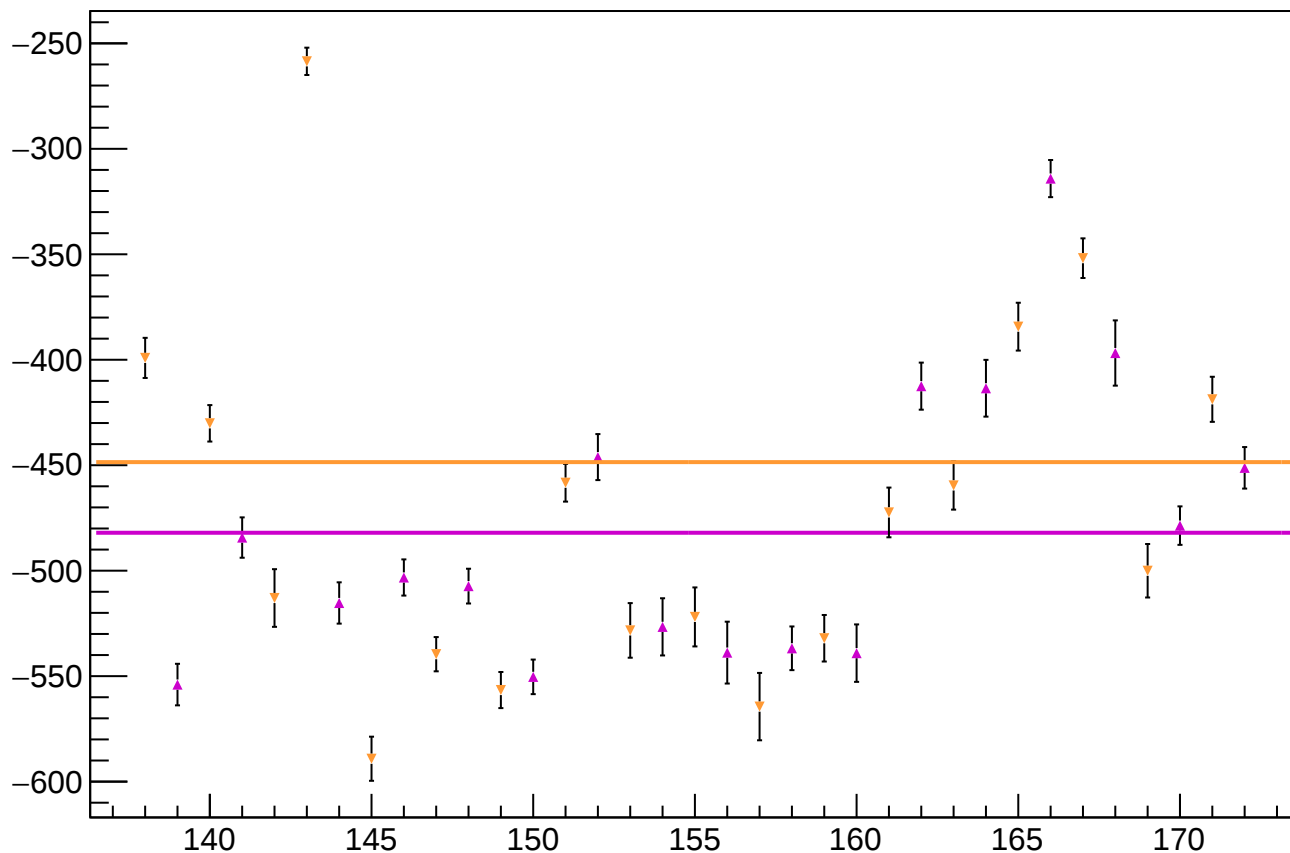
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.378 $\pm$ 0.017 χ^2 /NDF: 397238.9/33

Out: 0.461 $\pm$ 0.017 χ^2 /NDF: 595657.2/35

All: 0.419 $\pm$ 0.012 χ^2 /NDF: 992907.9/69

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: -448.530+/-2.383 χ^2/NDF :1724.1/17

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

Left In: -482.020+/-2.492 χ^2/NDF :700.9/16

Left: -464.527+/-1.722 χ^2/NDF : 2519.3/34

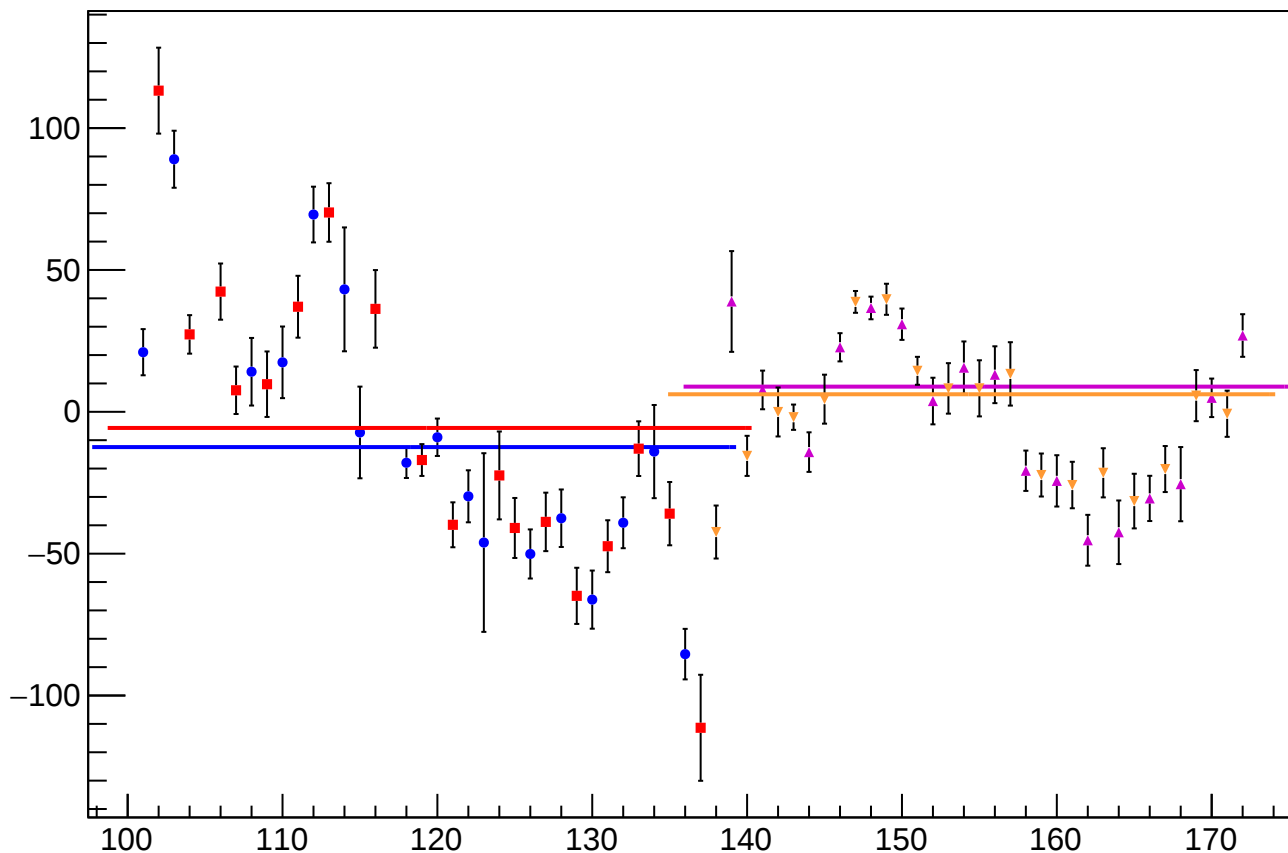
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -482.020+/-2.492 χ^2/NDF :700.9/16

Out: -448.530+/-2.383 χ^2/NDF :1724.1/17

All: -464.527+/-1.722 χ^2/NDF : 2519.3/34

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: 6.186 ± 1.621 χ^2/NDF : 218.8/17

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 8.877 ± 1.738 χ^2/NDF : 212.7/16

Left: 7.438 ± 1.185 χ^2/NDF : 432.8/34

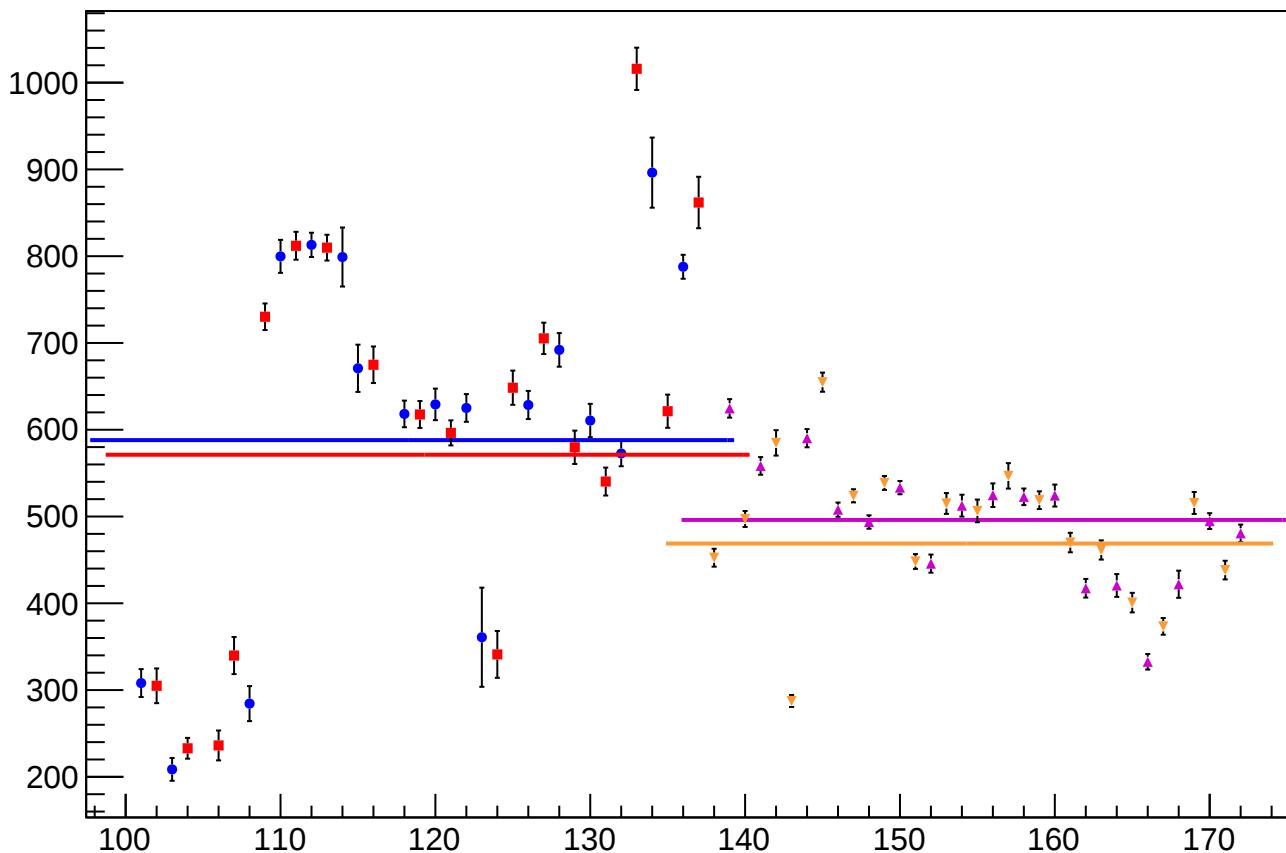
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 1.198 ± 1.390 χ^2/NDF : 607.1/33

Out: 2.161 ± 1.318 χ^2/NDF : 570.7/35

All: 1.705 ± 0.956 χ^2/NDF : 1178.0/69

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: 468.870 $\pm$ 2.367 χ^2 /NDF:1416.2/17

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 496.060 $\pm$ 2.446 χ^2 /NDF:775.2/16

Left: 482.021 $\pm$ 1.701 χ^2 /NDF: 2255.2/34

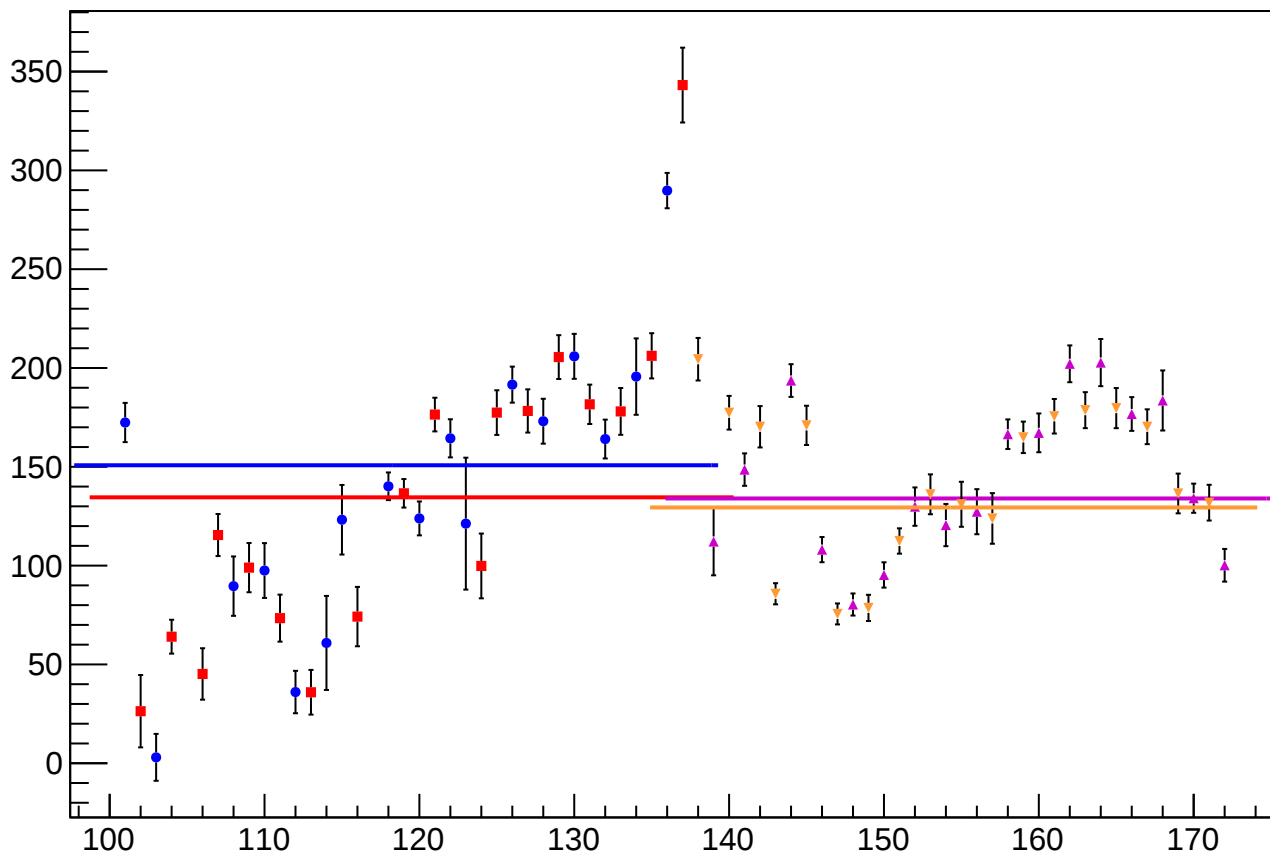
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 518.314 $\pm$ 2.129 χ^2 /NDF:3245.1/33

Out: 493.982 $\pm$ 2.056 χ^2 /NDF:4555.2/35

All: 505.723 $\pm$ 1.479 χ^2 /NDF: 7867.8/69

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: 129.425 $\pm$ 1.930 χ^2 /NDF:472.7/17

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 133.979 $\pm$ 2.047 χ^2 /NDF:373.6/16

Left: 131.569 $\pm$ 1.404 χ^2 /NDF: 849.0/34

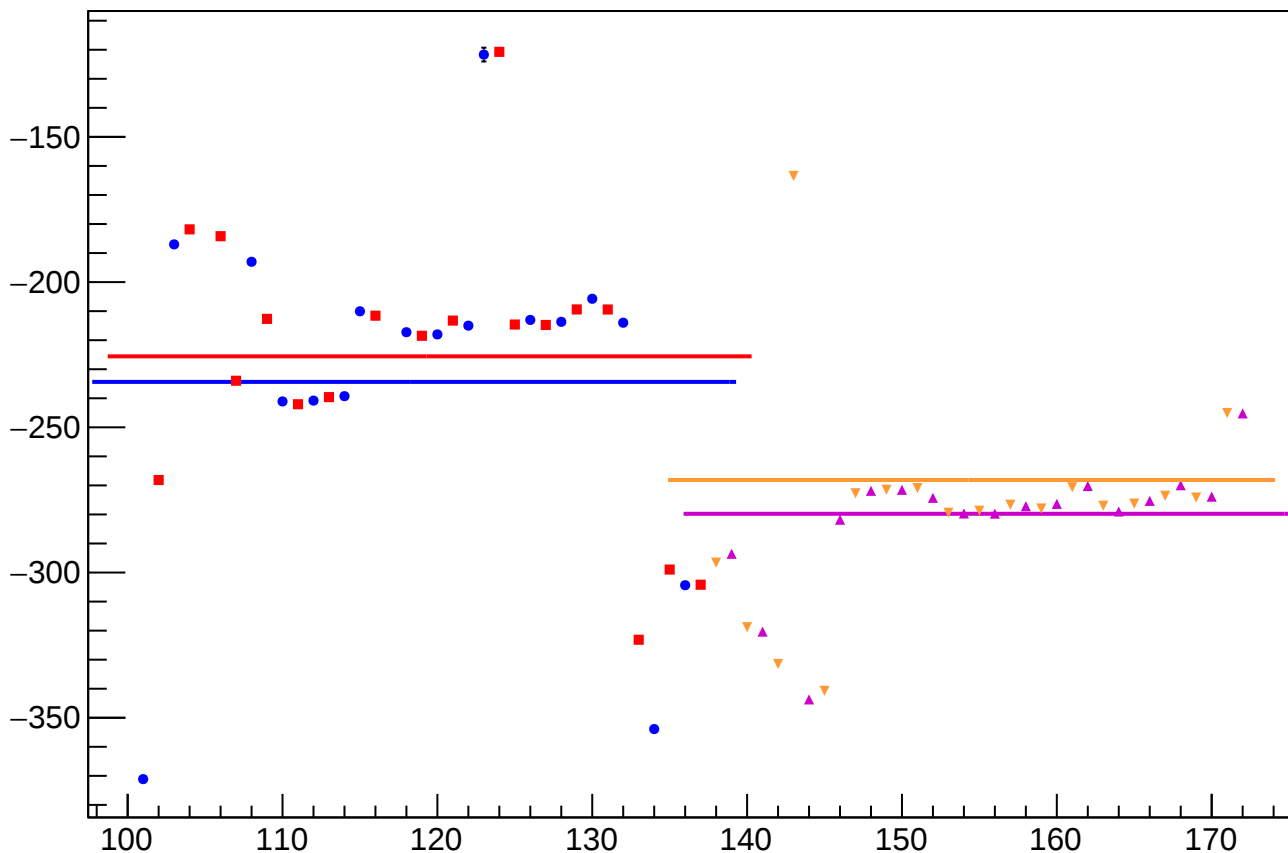
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 140.171 $\pm$ 1.626 χ^2 /NDF:1031.6/33

Out: 131.228 $\pm$ 1.554 χ^2 /NDF:1051.4/35

All: 135.495 $\pm$ 1.124 χ^2 /NDF: 2098.8/69

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: -268.132+/-0.095 χ^2/NDF : 209083.5/17

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -279.771+/-0.097 χ^2/NDF : 42554.4/16

Left: -273.819+/-0.068 χ^2/NDF : 259037.1/34

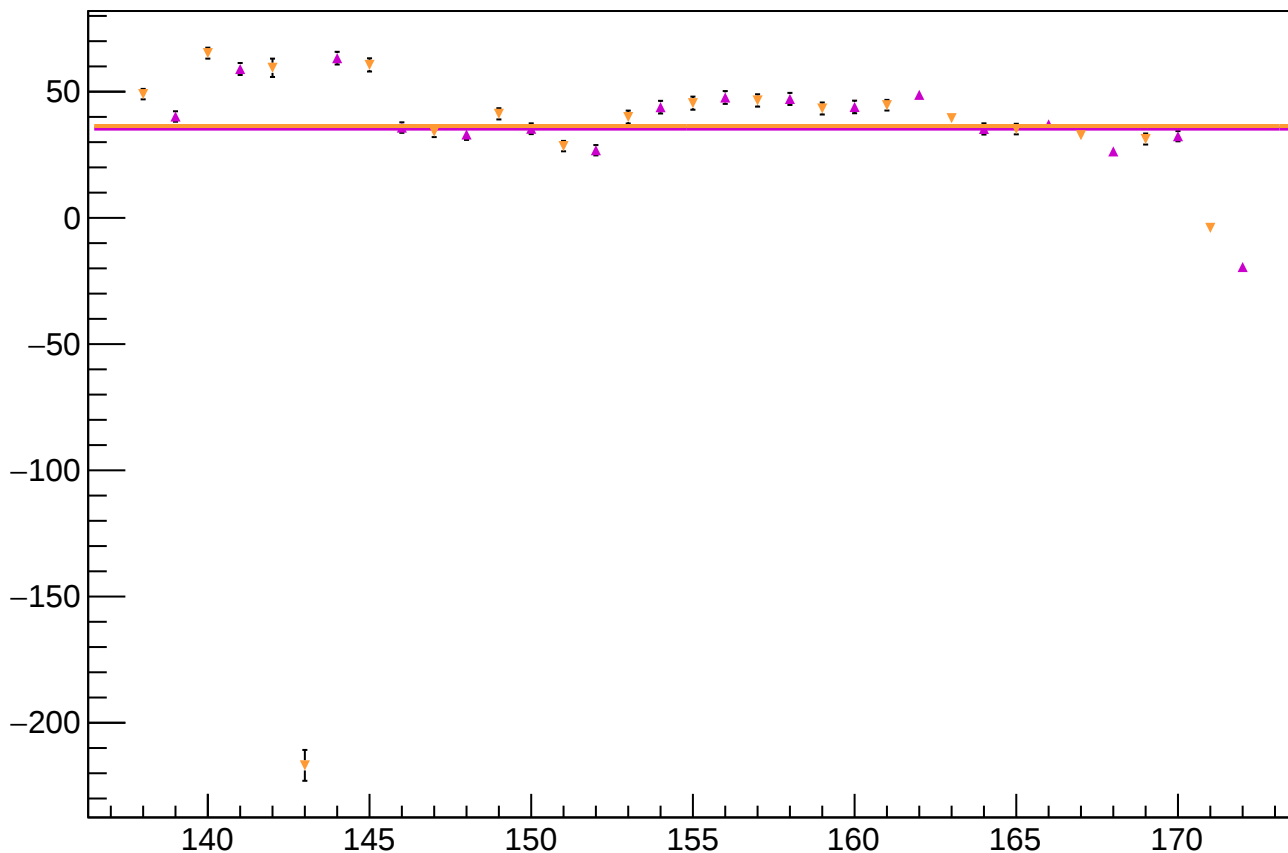
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -266.235+/-0.081 χ^2/NDF : 253371.4/33

Out: -255.040+/-0.079 χ^2/NDF : 364340.9/35

All: -260.472+/-0.056 χ^2/NDF : 627529.2/69

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 36.396+/-0.535 χ^2/NDF :2593.9/17

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

Left In: 35.361+/-0.522 χ^2/NDF :1201.3/16

Left: 35.866+/-0.374 χ^2/NDF : 3797.1/34

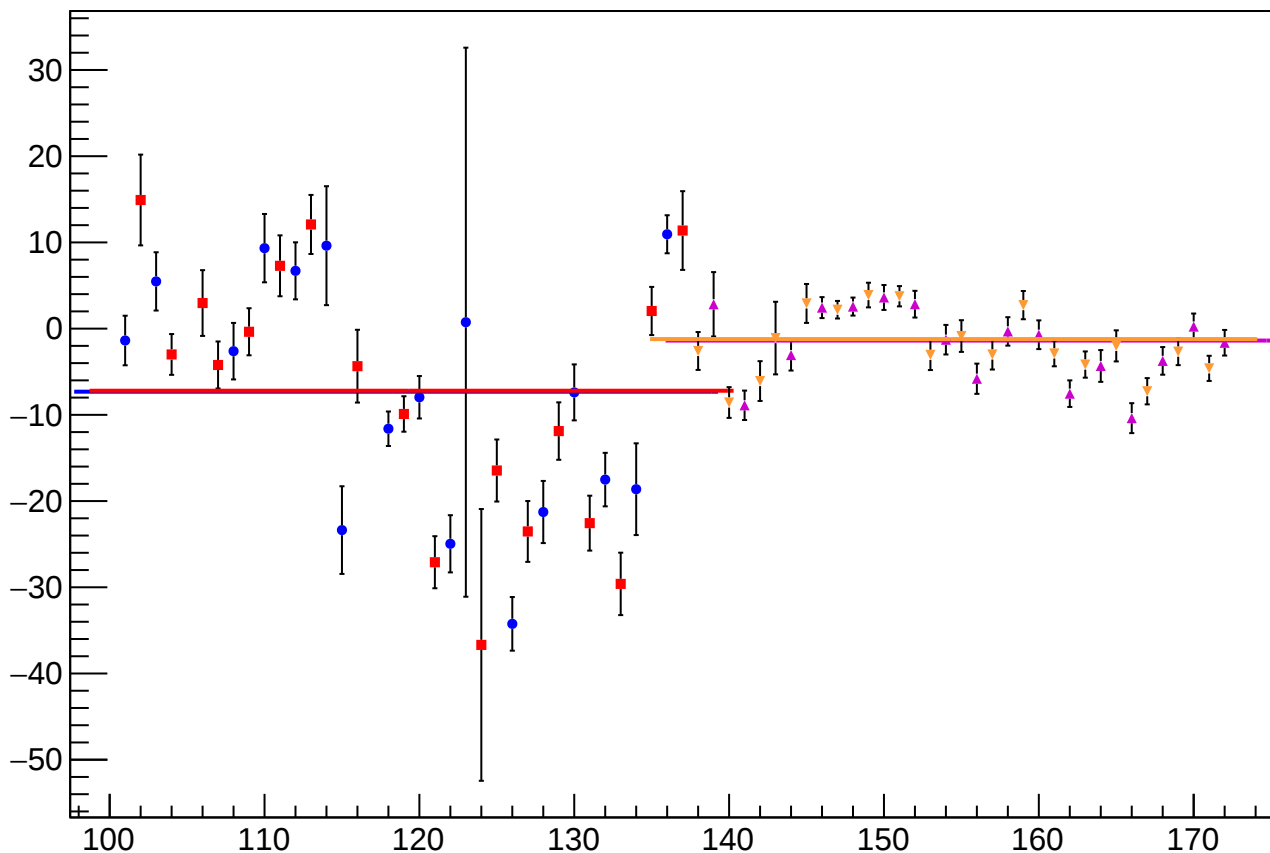
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 35.361+/-0.522 χ^2/NDF :1201.3/16

Out: 36.396+/-0.535 χ^2/NDF :2593.9/17

All: 35.866+/-0.374 χ^2/NDF : 3797.1/34

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 $\chi^2/\text{NDF}: 279.1/16$

Left Out: -1.213 ± 0.379 $\chi^2/\text{NDF}: 102.2/17$

Right Out: -7.202 ± 0.762 $\chi^2/\text{NDF}: 252.1/17$

Left In: -1.384 ± 0.380 $\chi^2/\text{NDF}: 120.7/16$

Left: -1.298 ± 0.268 $\chi^2/\text{NDF}: 223.0/34$

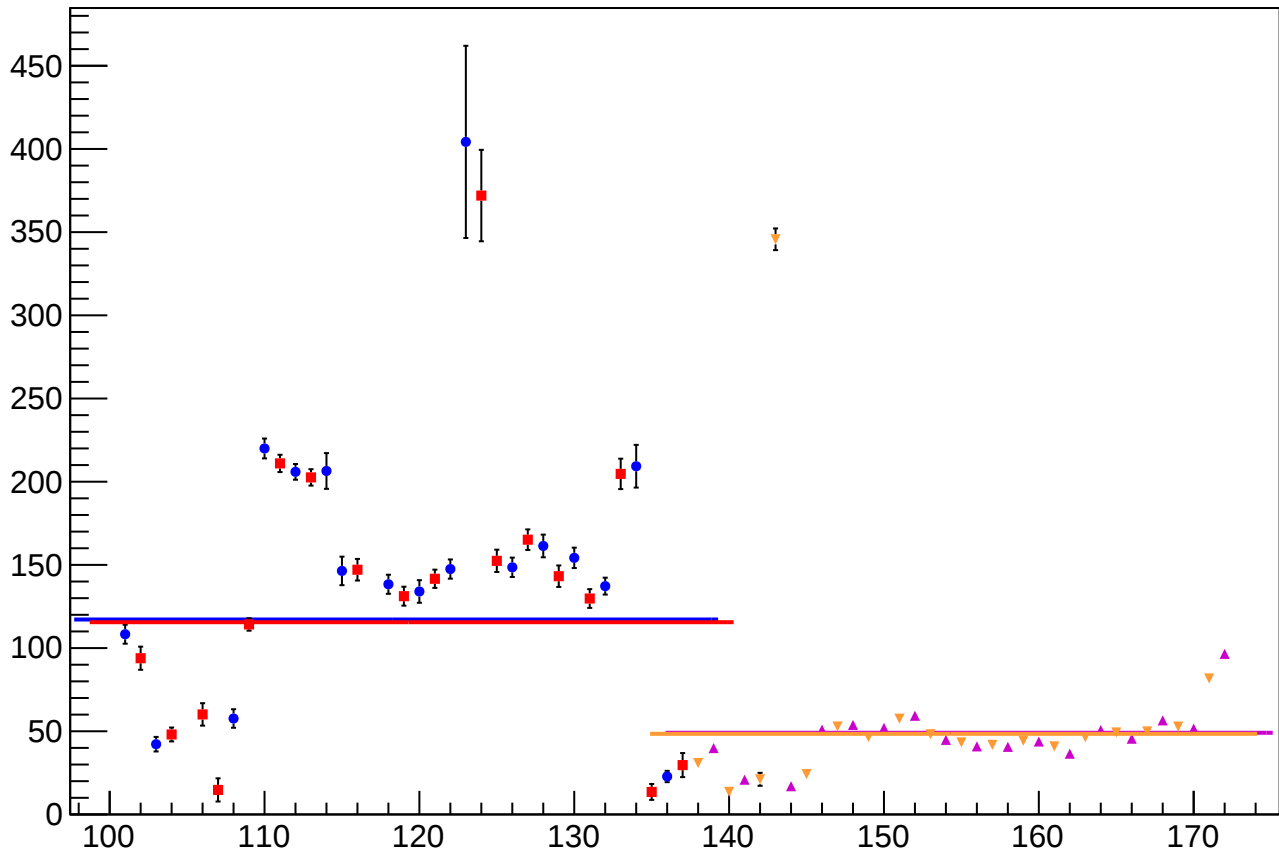
Right: -7.256 ± 0.545 $\chi^2/\text{NDF}: 531.2/34$

In: -2.519 ± 0.341 $\chi^2/\text{NDF}: 446.5/33$

Out: -2.402 ± 0.340 $\chi^2/\text{NDF}: 403.8/35$

All: -2.461 ± 0.241 $\chi^2/\text{NDF}: 850.4/69$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 48.458 $\pm$ 0.525 χ^2 /NDF:2861.4/17

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 49.089 $\pm$ 0.513 χ^2 /NDF:1001.5/16

Left: 48.781 $\pm$ 0.367 χ^2 /NDF: 3863.7/34

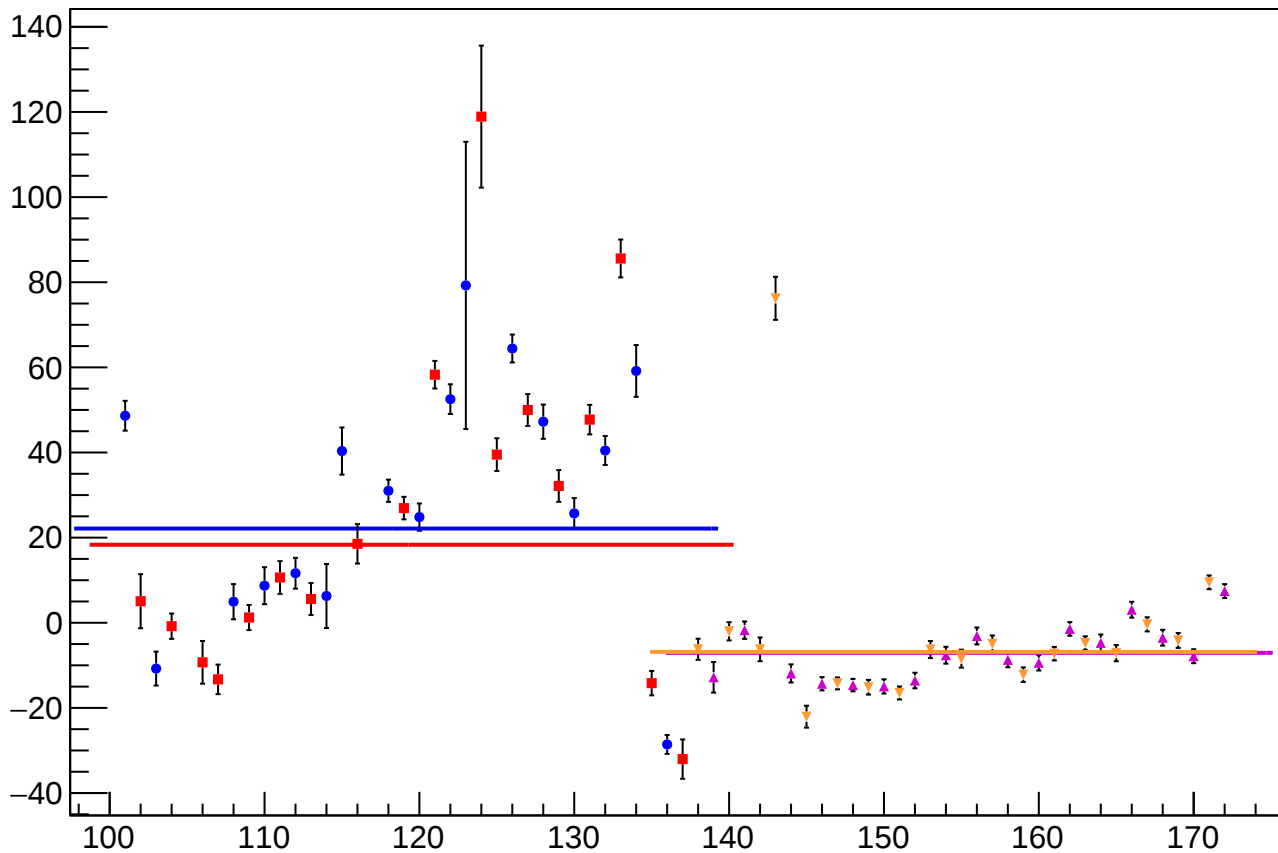
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 57.028 $\pm$ 0.482 χ^2 /NDF:5217.1/33

Out: 57.125 $\pm$ 0.490 χ^2 /NDF:7120.5/35

All: 57.076 $\pm$ 0.344 χ^2 /NDF: 12337.6/69

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -6.844 ± 0.440 $\chi^2/\text{NDF}: 534.1/17$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -7.069 ± 0.439 $\chi^2/\text{NDF}: 231.0/16$

Left: -6.957 ± 0.311 $\chi^2/\text{NDF}: 765.2/34$

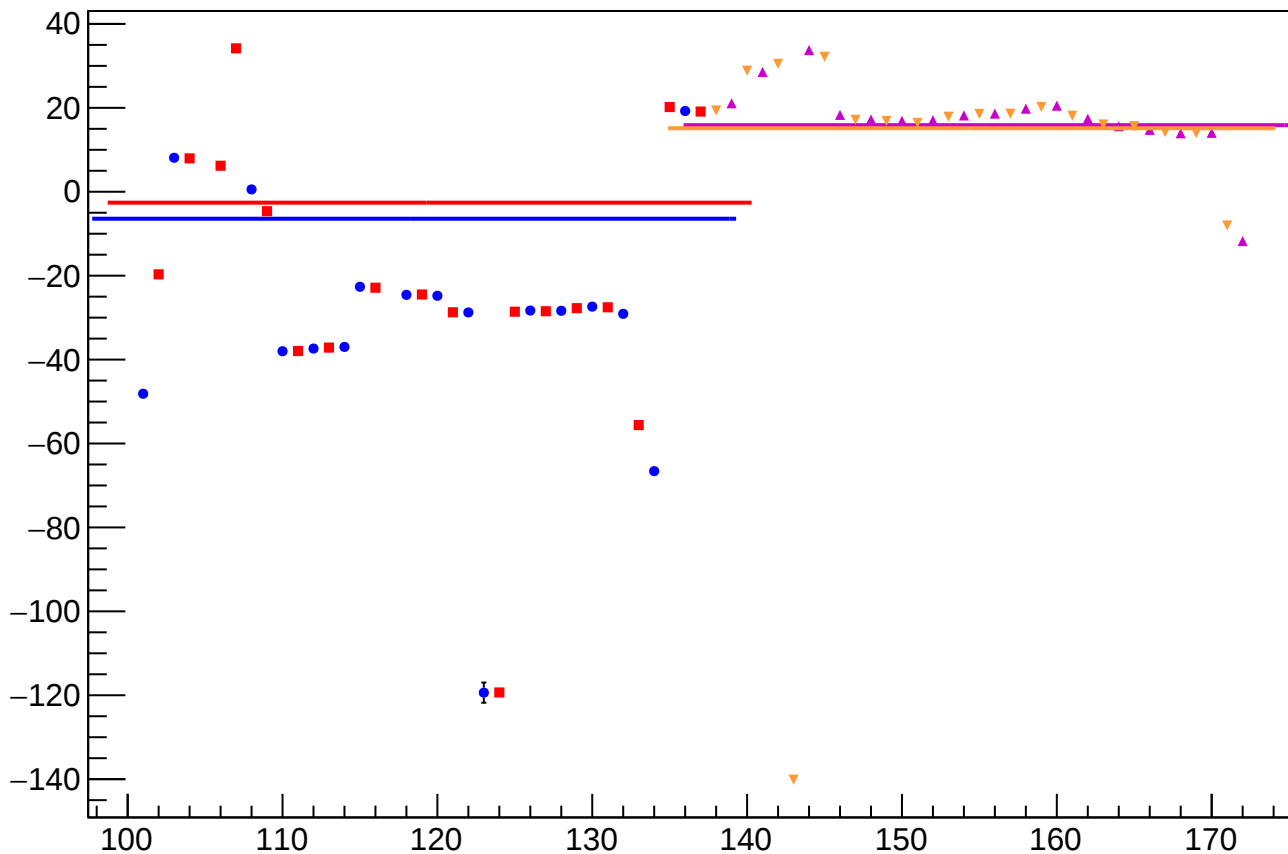
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -1.369 ± 0.394 $\chi^2/\text{NDF}: 2159.5/33$

Out: -1.731 ± 0.393 $\chi^2/\text{NDF}: 2268.7/35$

All: -1.551 ± 0.278 $\chi^2/\text{NDF}: 4428.6/69$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 15.134 ± 0.020 χ^2/NDF : 535665.3/17

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 15.871 ± 0.020 χ^2/NDF : 210044.8/16

Left: 15.511 ± 0.014 χ^2/NDF : 746377.9/34

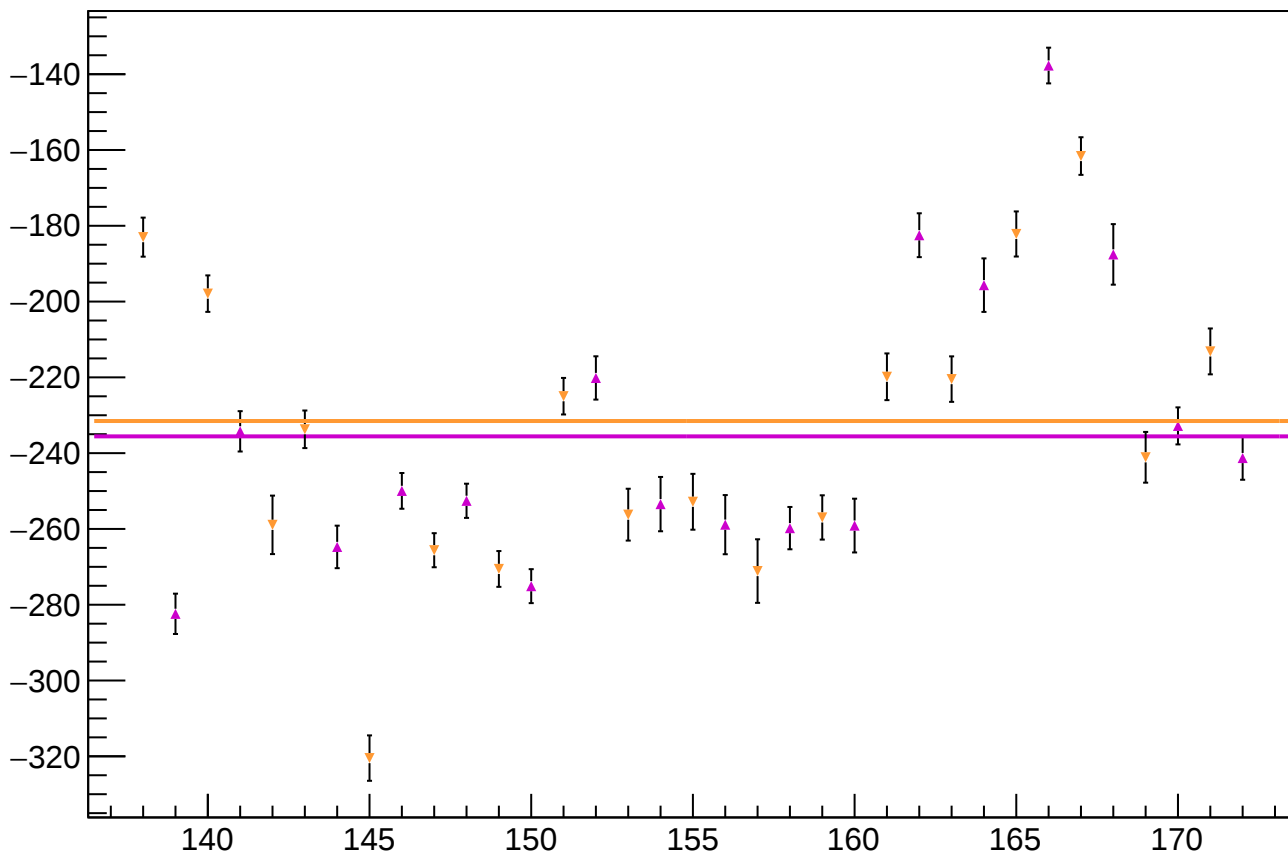
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 12.374 ± 0.018 χ^2/NDF : 671533.4/33

Out: 12.193 ± 0.019 χ^2/NDF : 924400.9/35

All: 12.285 ± 0.013 χ^2/NDF : 1595982.5/69

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: -231.520+/-1.337 χ^2/NDF :846.3/17

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

Left In: -235.572+/-1.352 χ^2/NDF :842.6/16

Left: -233.525+/-0.951 χ^2/NDF : 1693.4/34

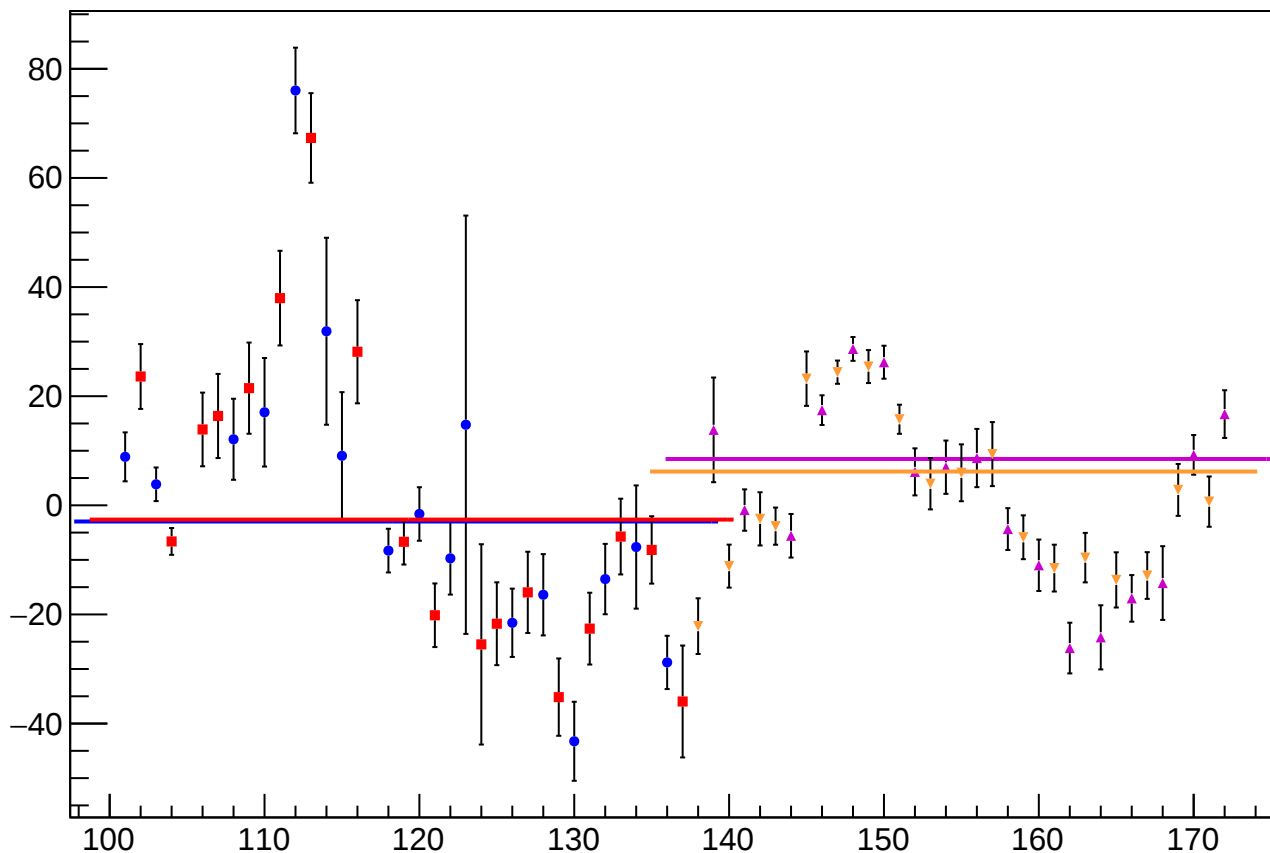
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.572+/-1.352 χ^2/NDF :842.6/16

Out: -231.520+/-1.337 χ^2/NDF :846.3/17

All: -233.525+/-0.951 χ^2/NDF : 1693.4/34

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: 6.190 ± 0.912 $\chi^2/\text{NDF}: 275.9/17$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 8.494 ± 0.945 $\chi^2/\text{NDF}: 315.1/16$

Left: 7.301 ± 0.656 $\chi^2/\text{NDF}: 594.1/34$

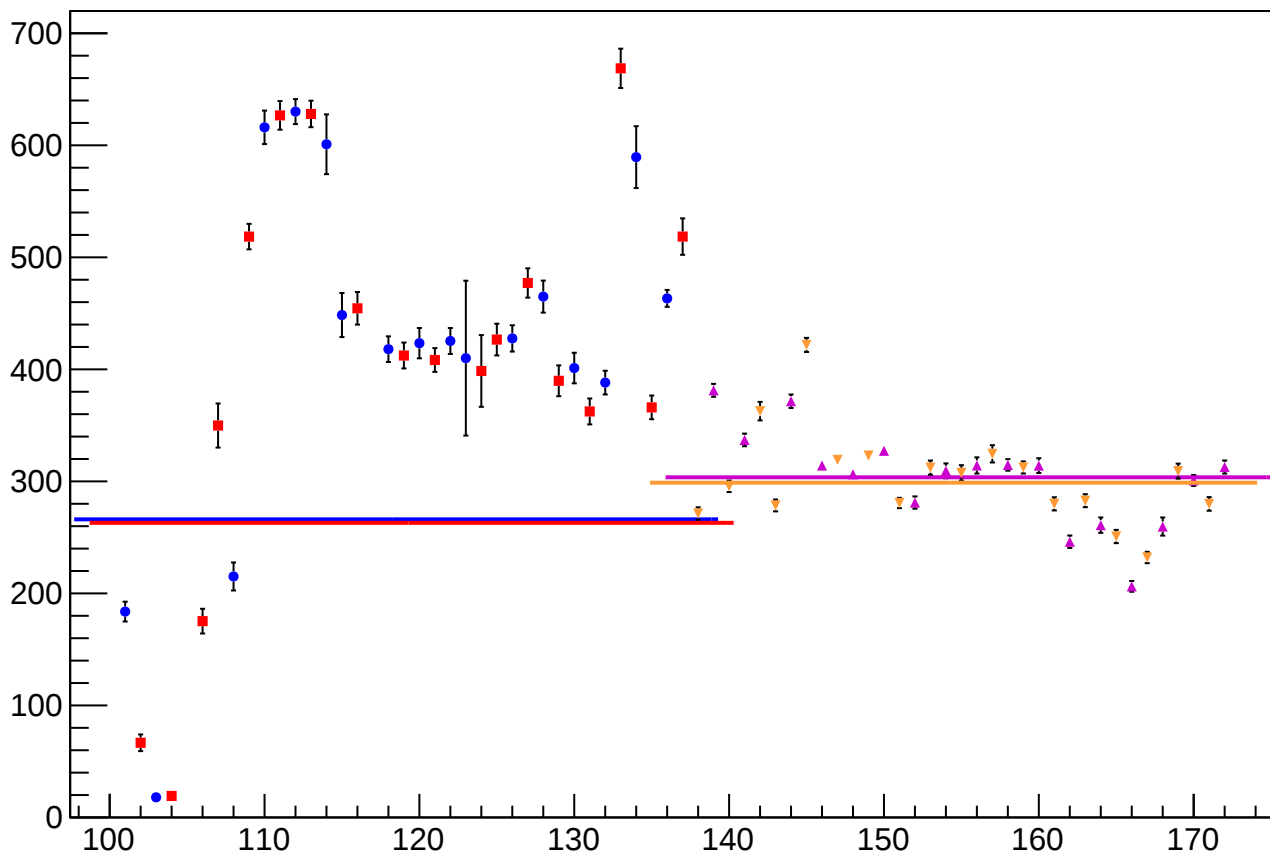
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 5.088 ± 0.792 $\chi^2/\text{NDF}: 562.4/33$

Out: 3.564 ± 0.764 $\chi^2/\text{NDF}: 514.2/35$

All: 4.299 ± 0.550 $\chi^2/\text{NDF}: 1078.5/69$

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: 298.832 $\pm$ 1.321 χ^2 /NDF:842.5/17

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 303.657 $\pm$ 1.325 χ^2 /NDF:998.0/16

Left: 301.237 $\pm$ 0.935 χ^2 /NDF: 1847.2/34

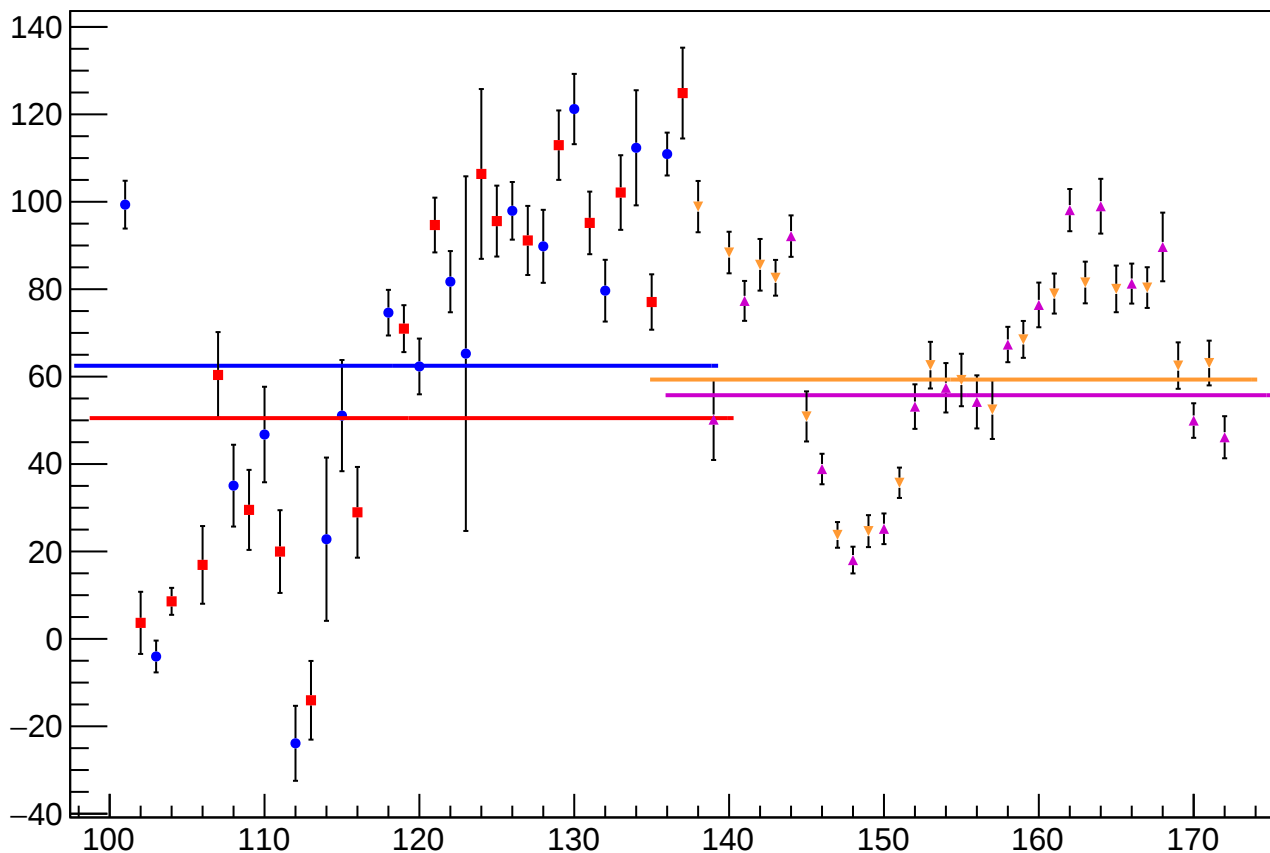
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 295.322 $\pm$ 1.169 χ^2 /NDF:8820.3/33

Out: 290.849 $\pm$ 1.164 χ^2 /NDF:9178.5/35

All: 293.077 $\pm$ 0.825 χ^2 /NDF: 18006.2/69

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 59.331 ± 1.082 $\chi^2/\text{NDF}: 502.4/17$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 55.748 ± 1.111 $\chi^2/\text{NDF}: 538.4/16$

Left: 57.586 ± 0.775 $\chi^2/\text{NDF}: 1046.2/34$

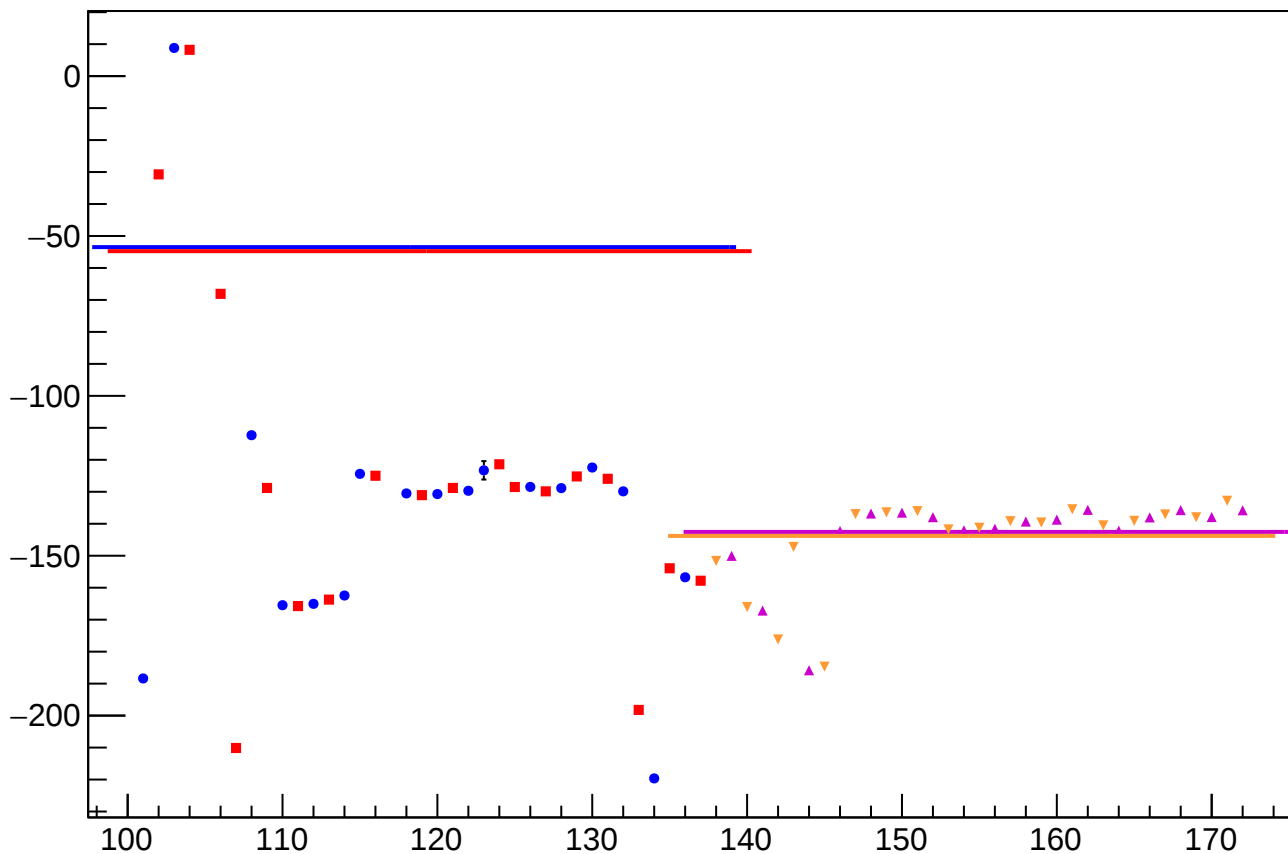
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 57.796 ± 0.927 $\chi^2/\text{NDF}: 1270.4/33$

Out: 56.663 ± 0.904 $\chi^2/\text{NDF}: 1173.1/35$

All: 57.215 ± 0.647 $\chi^2/\text{NDF}: 2444.3/69$

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: -143.800 ± 0.053 $\chi^2/\text{NDF}: 59295.3/17$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -142.552 ± 0.052 $\chi^2/\text{NDF}: 46831.2/16$

Left: -143.172 ± 0.037 $\chi^2/\text{NDF}: 106409.1/34$

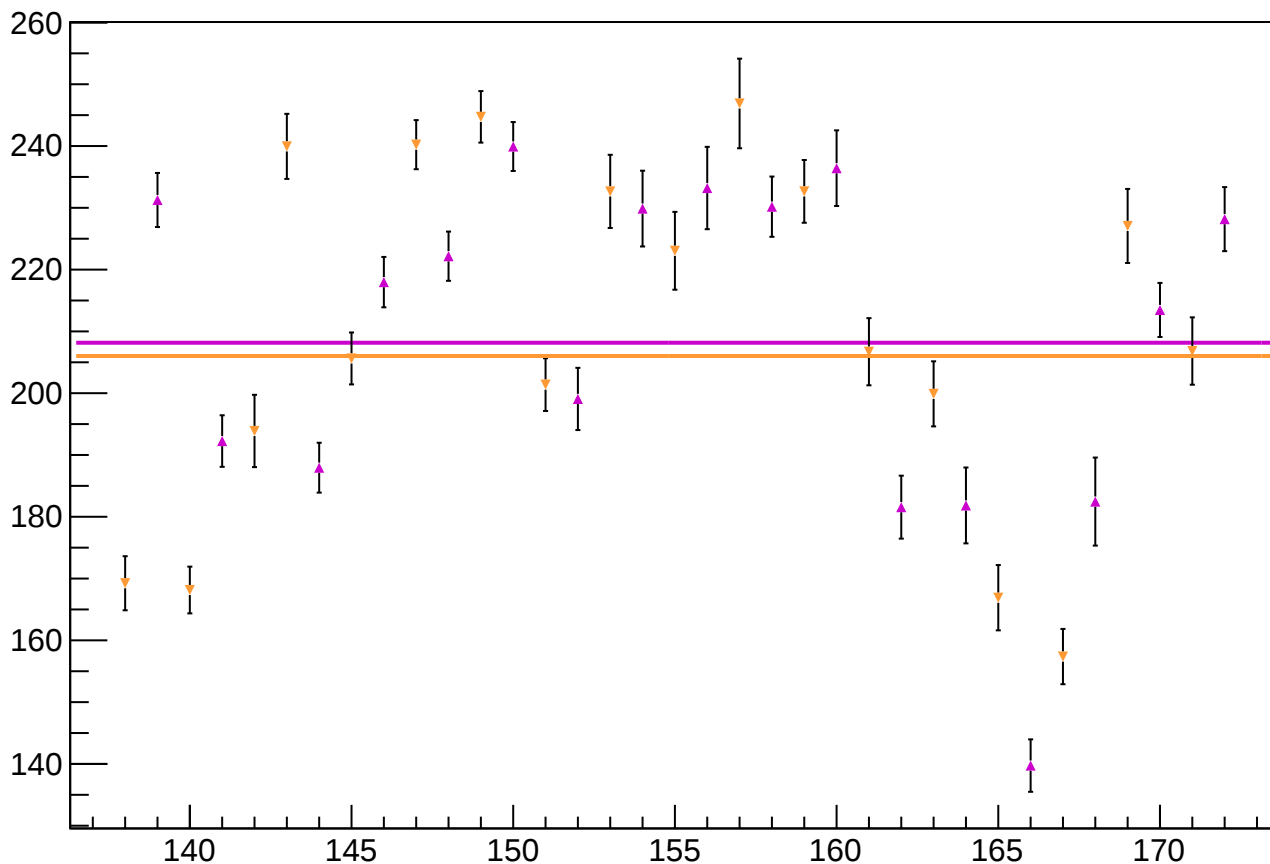
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -110.783 ± 0.042 $\chi^2/\text{NDF}: 2308027.8/33$

Out: -112.859 ± 0.043 $\chi^2/\text{NDF}: 2006321.4/35$

All: -111.808 ± 0.030 $\chi^2/\text{NDF}: 4315556.6/69$

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: 206.019+/-1.156 χ^2/NDF : 651.6/17

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

Left In: 208.166+/-1.158 χ^2/NDF : 556.9/16

Left: 207.090+/-0.818 χ^2/NDF : 1210.2/34

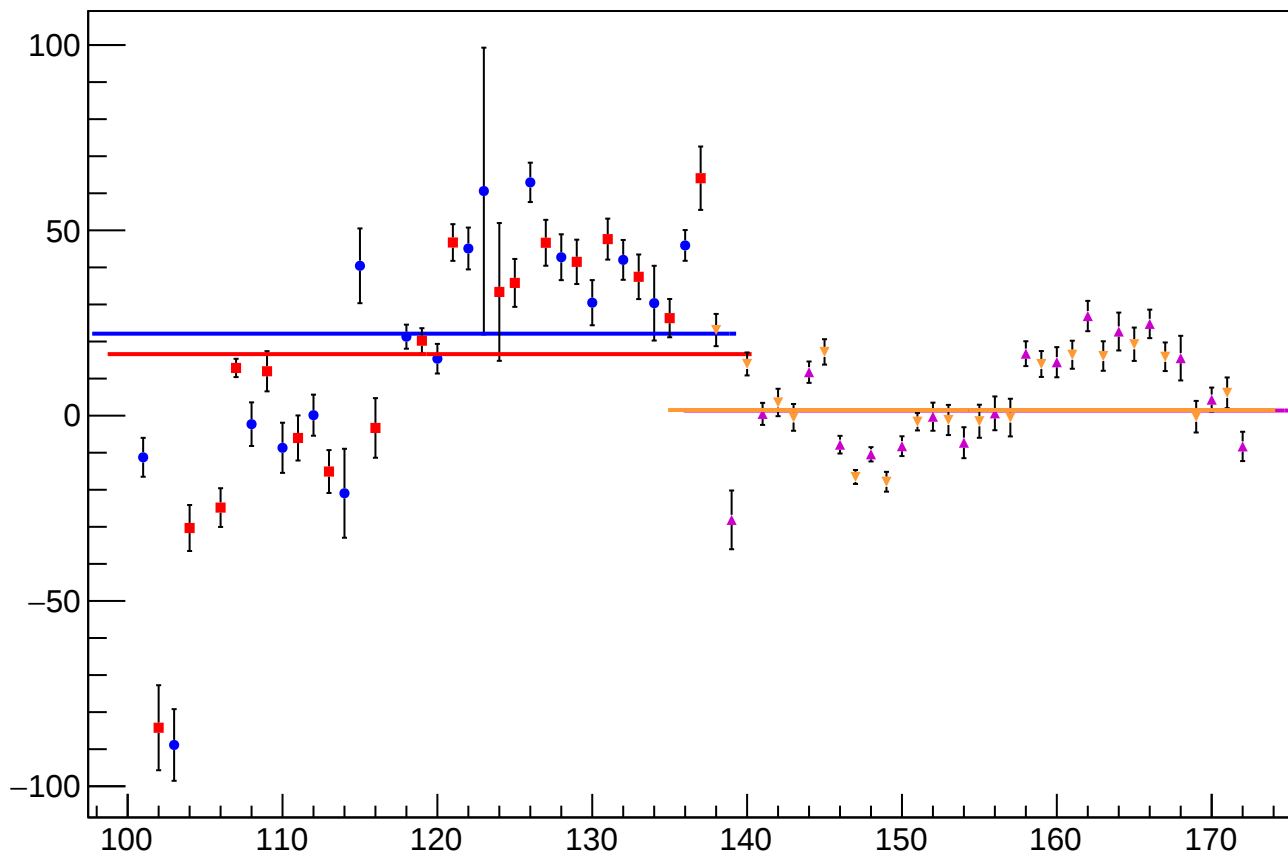
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.166+/-1.158 χ^2/NDF : 556.9/16

Out: 206.019+/-1.156 χ^2/NDF : 651.6/17

All: 207.090+/-0.818 χ^2/NDF : 1210.2/34

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 1.514+/-0.794 χ^2/NDF : 282.0/17

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 1.379+/-0.814 χ^2/NDF : 233.5/16

Left: 1.448+/-0.568 χ^2/NDF : 515.5/34

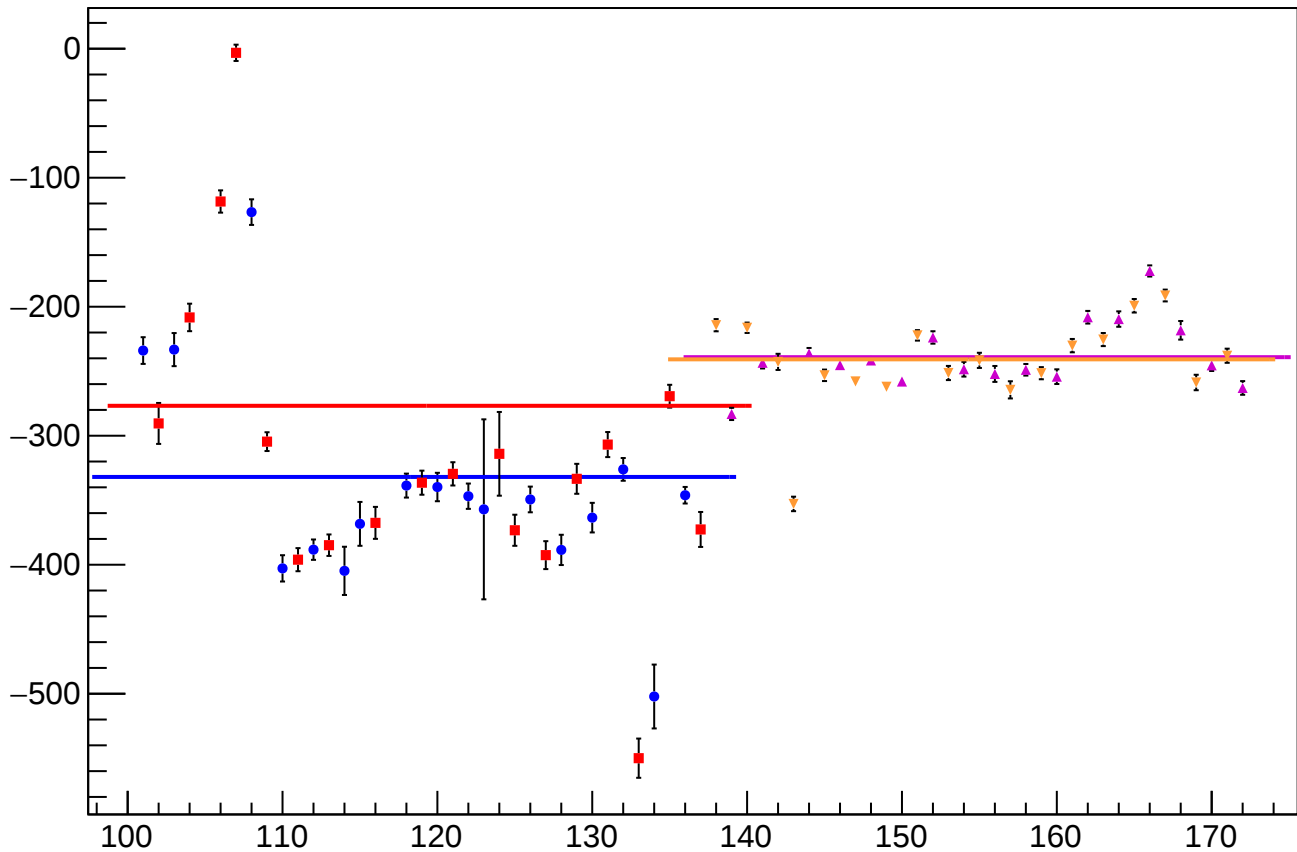
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 6.750+/-0.700 χ^2/NDF : 783.7/33

Out: 5.953+/-0.667 χ^2/NDF : 805.2/35

All: 6.332+/-0.483 χ^2/NDF : 1589.6/69

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -240.798 ± 1.145 $\chi^2/\text{NDF}: 769.2/17$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -239.112 ± 1.140 $\chi^2/\text{NDF}: 479.7/16$

Left: -239.951 ± 0.808 $\chi^2/\text{NDF}: 1250.0/34$

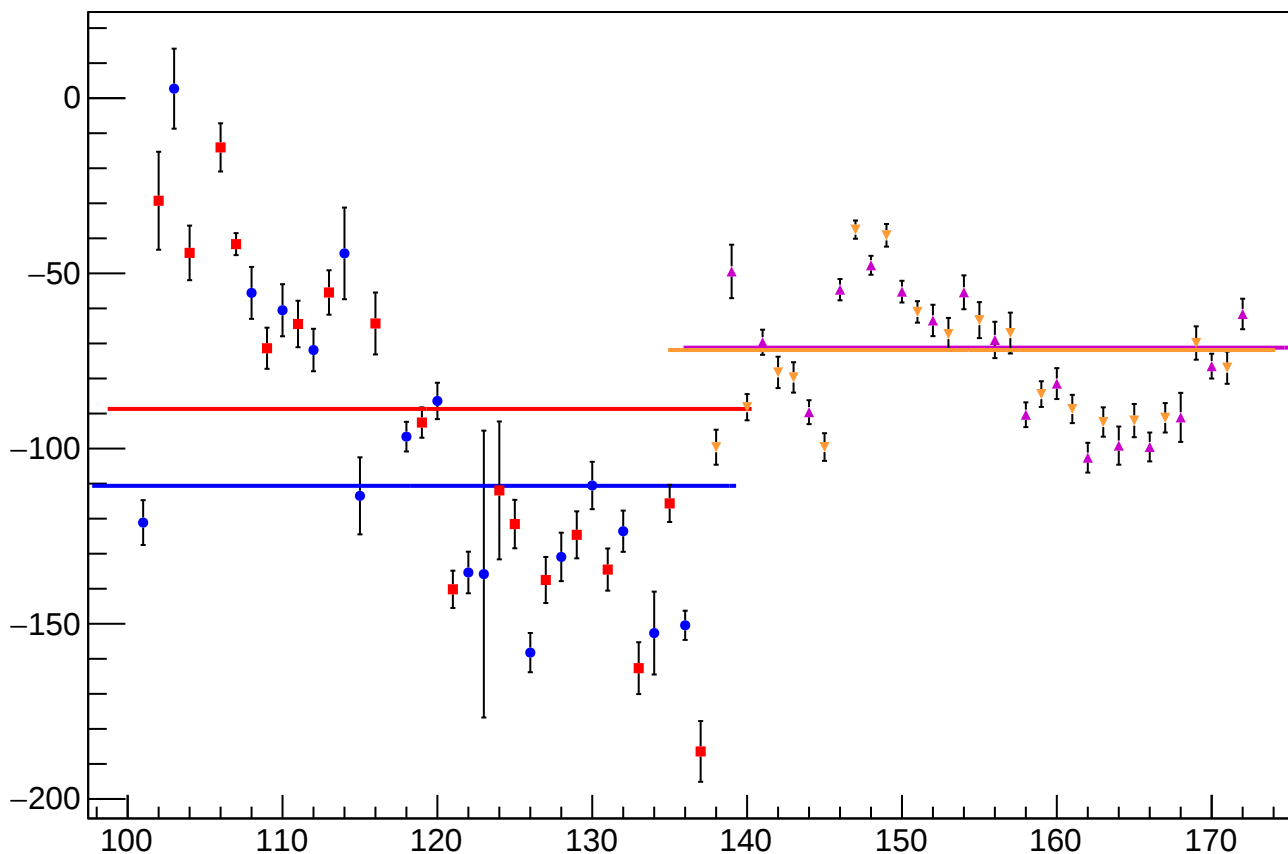
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -254.396 ± 1.042 $\chi^2/\text{NDF}: 2357.7/33$

Out: -247.800 ± 1.027 $\chi^2/\text{NDF}: 4292.1/35$

All: -251.052 ± 0.731 $\chi^2/\text{NDF}: 6670.2/69$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.877 ± 0.941 χ^2/NDF : 493.1/17

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -71.196 ± 0.957 χ^2/NDF : 361.3/16

Left: -71.542 ± 0.671 χ^2/NDF : 854.6/34

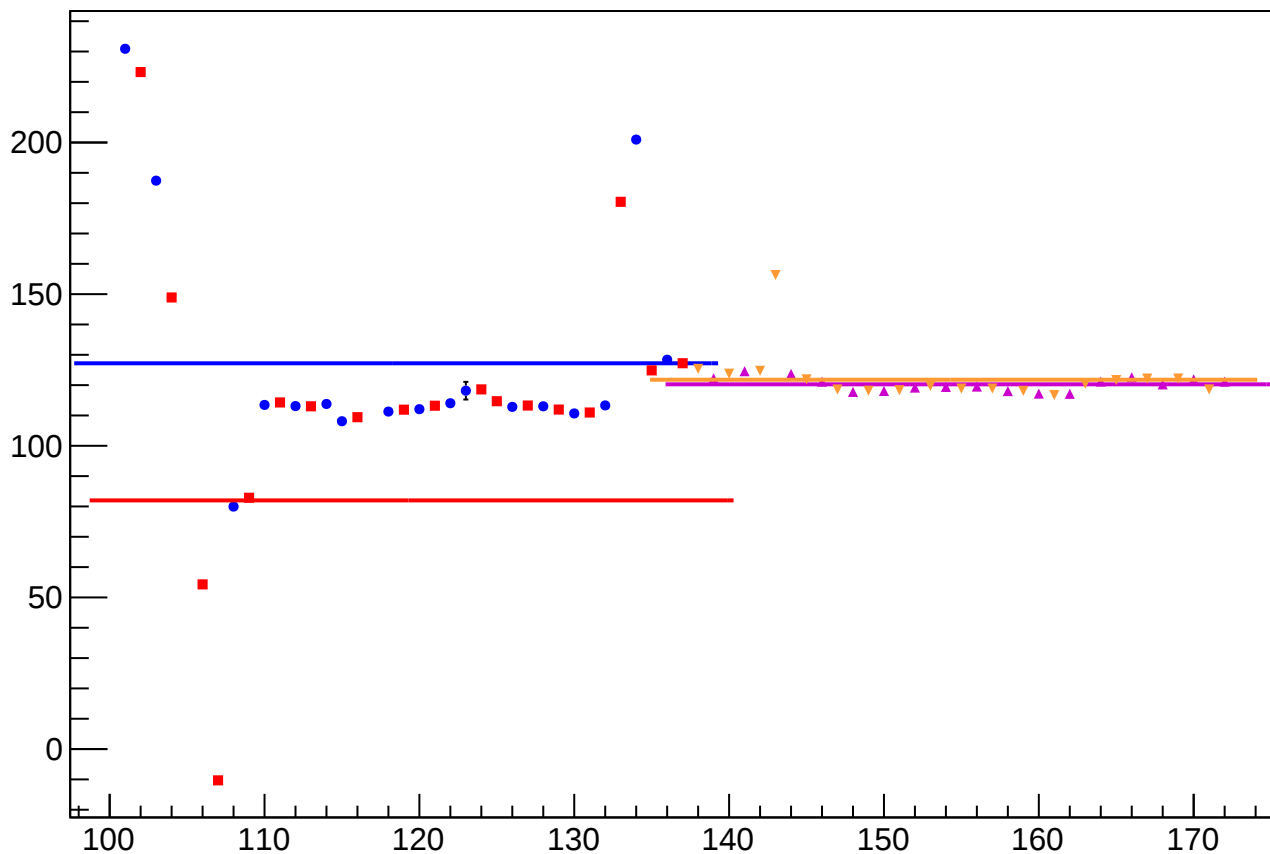
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -81.766 ± 0.819 χ^2/NDF : 1325.5/33

Out: -76.935 ± 0.787 χ^2/NDF : 1553.0/35

All: -79.256 ± 0.567 χ^2/NDF : 2896.6/69

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: 121.782 $\pm$ 0.046 χ^2 /NDF: 27034.0/17

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.268 $\pm$ 0.045 χ^2 /NDF: 2528.7/16

Left: 121.016 $\pm$ 0.032 χ^2 /NDF: 30120.3/34

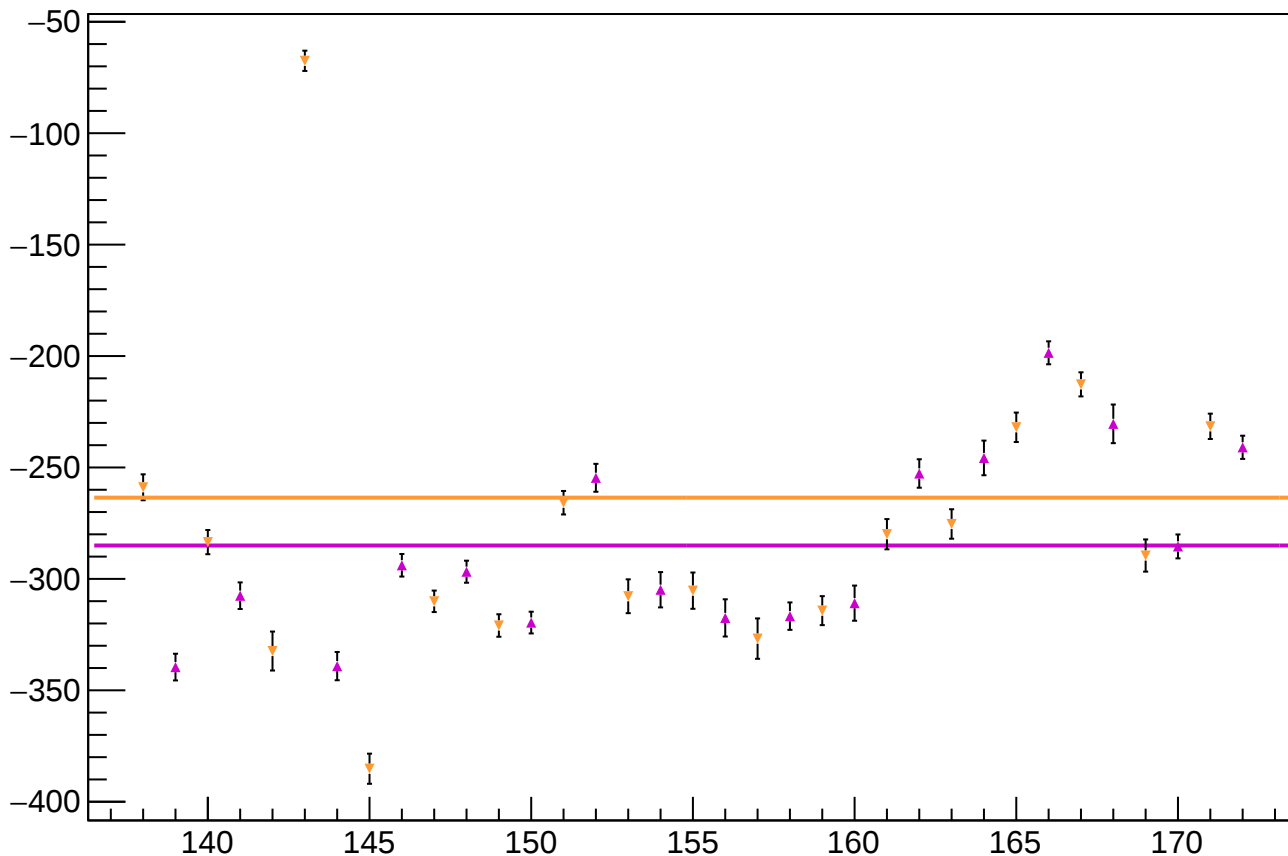
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.681 $\pm$ 0.040 χ^2 /NDF: 195377.9/33

Out: 111.145 $\pm$ 0.039 χ^2 /NDF: 980417.5/35

All: 116.254 $\pm$ 0.028 χ^2 /NDF: 1211129.1/69

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -263.542 $\pm$ 1.436 χ^2/NDF :2813.0/17

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

Left In: -285.022 $\pm$ 1.467 χ^2/NDF :755.1/16

Left: -274.050 $\pm$ 1.026 χ^2/NDF : 3677.5/34

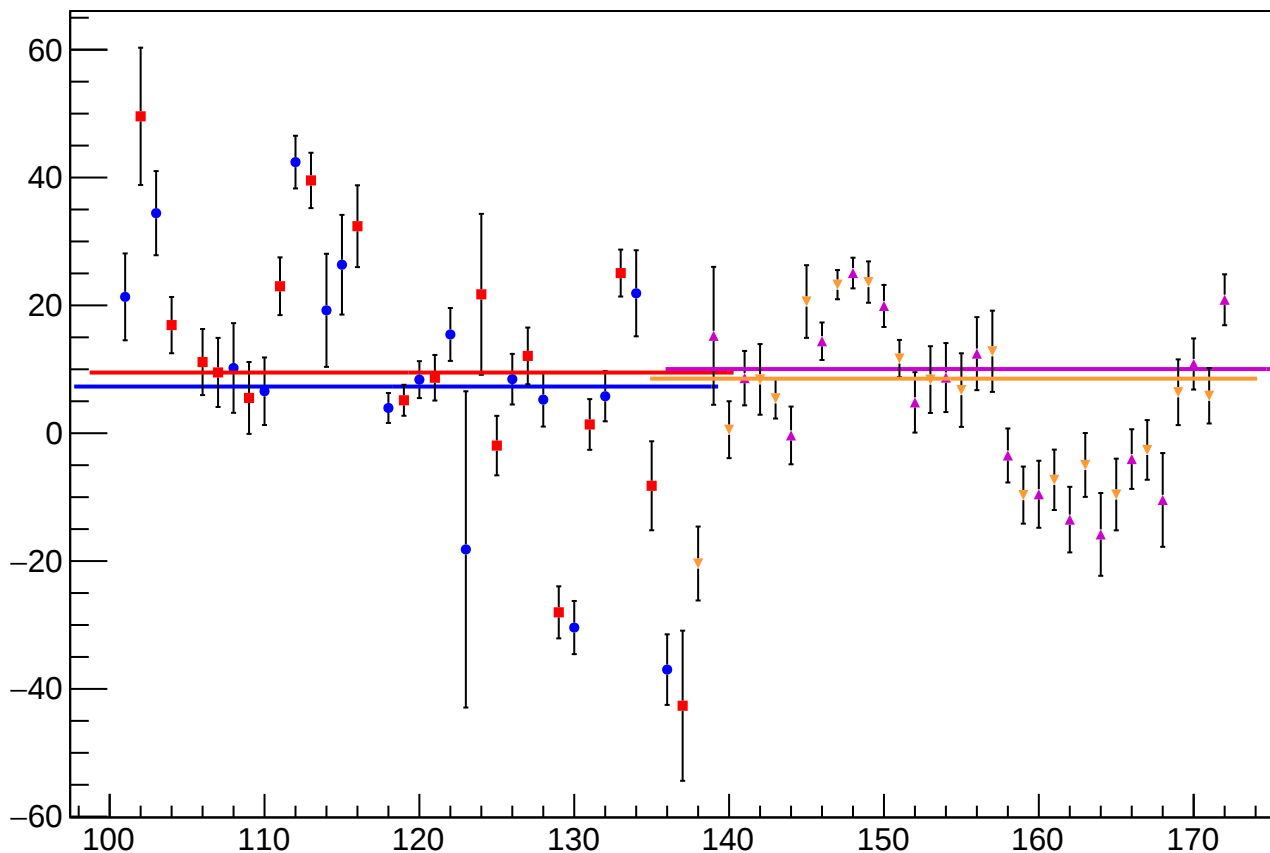
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -285.022 $\pm$ 1.467 χ^2/NDF :755.1/16

Out: -263.542 $\pm$ 1.436 χ^2/NDF :2813.0/17

All: -274.050 $\pm$ 1.026 χ^2/NDF : 3677.5/34

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303+/-1.086 χ^2/NDF : 260.6/16

Left Out: 8.538+/-0.978 χ^2/NDF :150.5/17

Right Out: 9.493+/-1.073 χ^2/NDF : 231.1/17

Left In: 10.037+/-1.026 χ^2/NDF :143.0/16

Left: 9.251+/-0.708 χ^2/NDF : 294.7/34

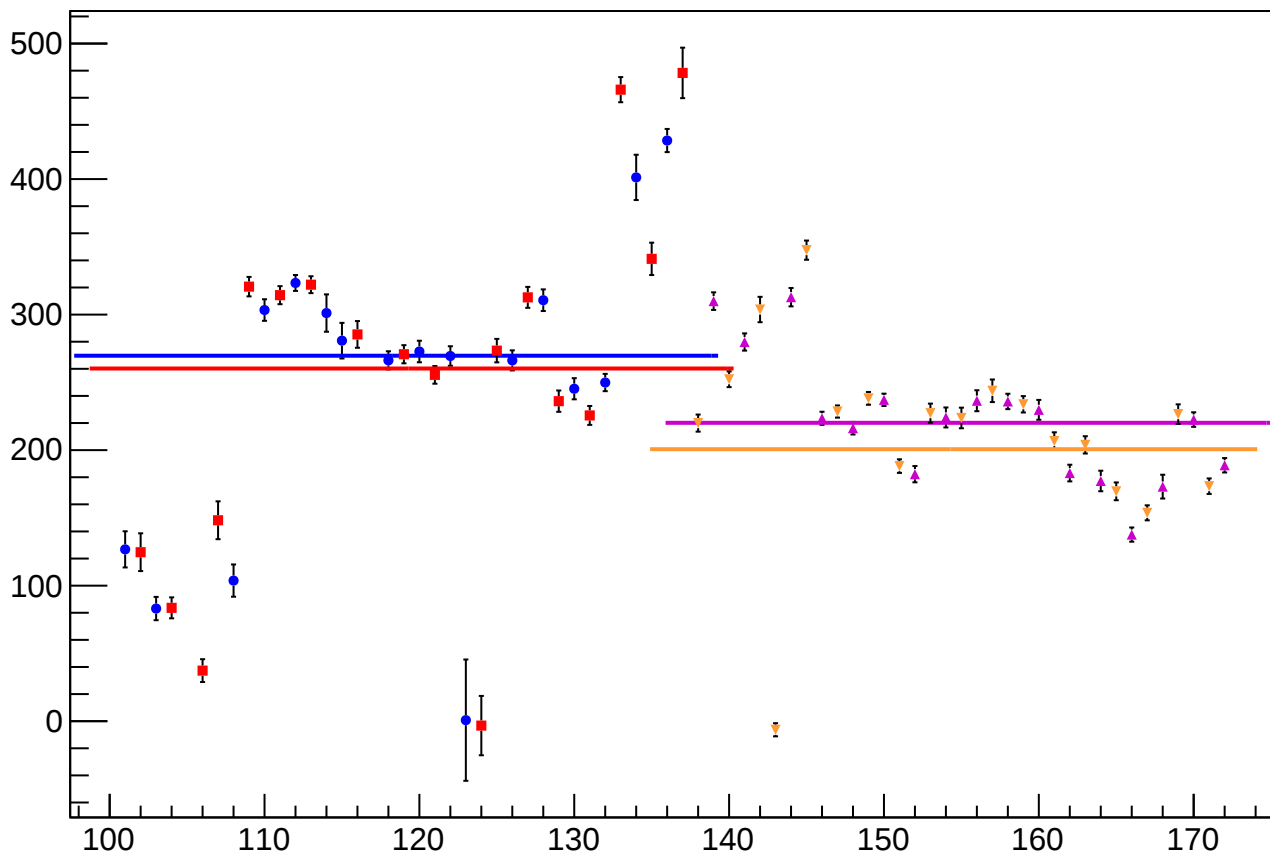
Right: 8.410+/-0.763 χ^2/NDF : 493.8/34

In: 8.746+/-0.746 χ^2/NDF :407.0/33

Out: 8.971+/-0.723 χ^2/NDF :382.1/35

All: 8.862+/-0.519 χ^2/NDF : 789.2/69

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: 200.685 $\pm$ 1.420 χ^2 /NDF: 2778.8/17

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 220.161 $\pm$ 1.439 χ^2 /NDF: 914.2/16

Left: 210.294 $\pm$ 1.011 χ^2 /NDF: 3785.8/34

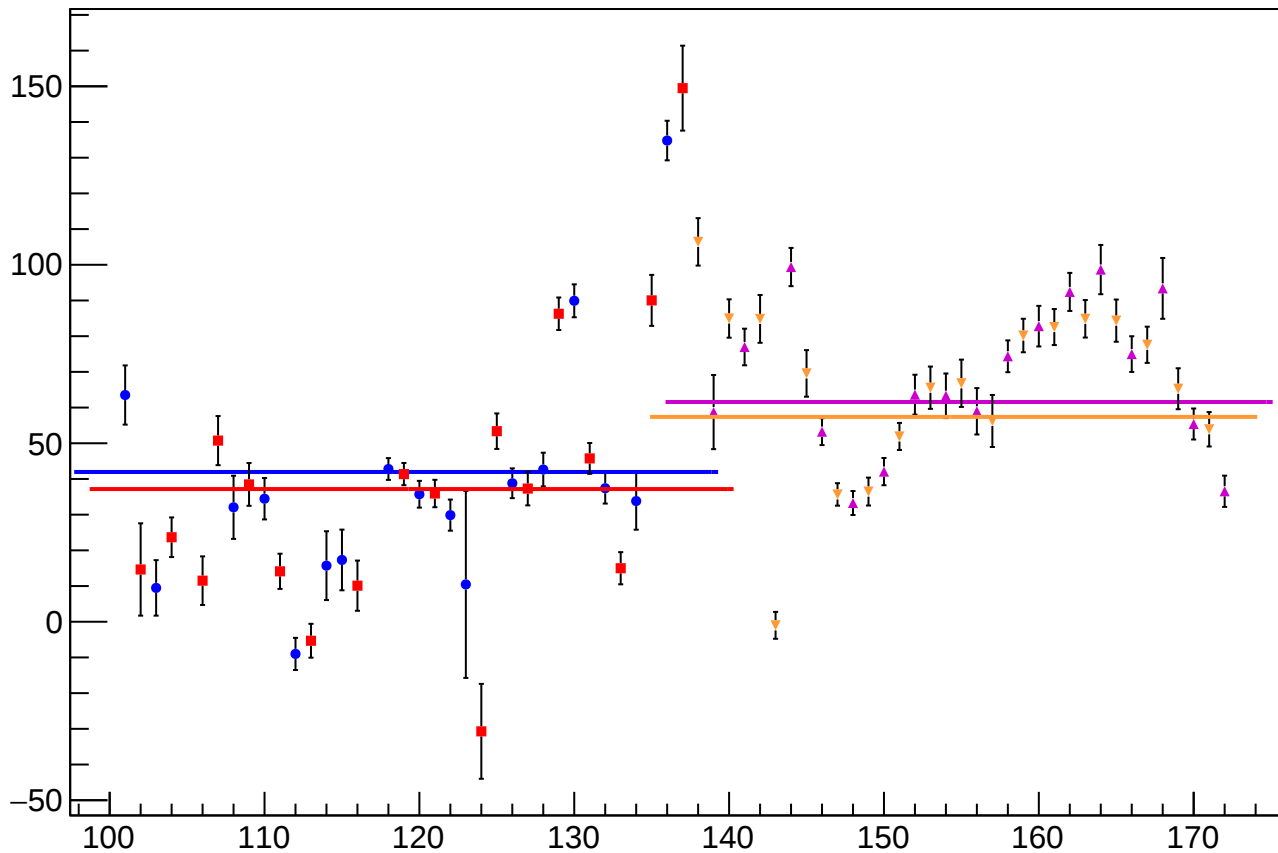
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 236.225 $\pm$ 1.183 χ^2 /NDF: 2674.8/33

Out: 220.924 $\pm$ 1.154 χ^2 /NDF: 5904.4/35

All: 228.385 $\pm$ 0.826 χ^2 /NDF: 8665.0/69

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: 57.392 $\pm$ 1.161 χ^2/NDF : 538.3/17

Right Out: 37.171 $\pm$ 1.236 χ^2/NDF : 470.9/17

Left In: 61.562 $\pm$ 1.206 χ^2/NDF : 301.7/16

Left: 59.399 $\pm$ 0.836 χ^2/NDF : 846.2/34

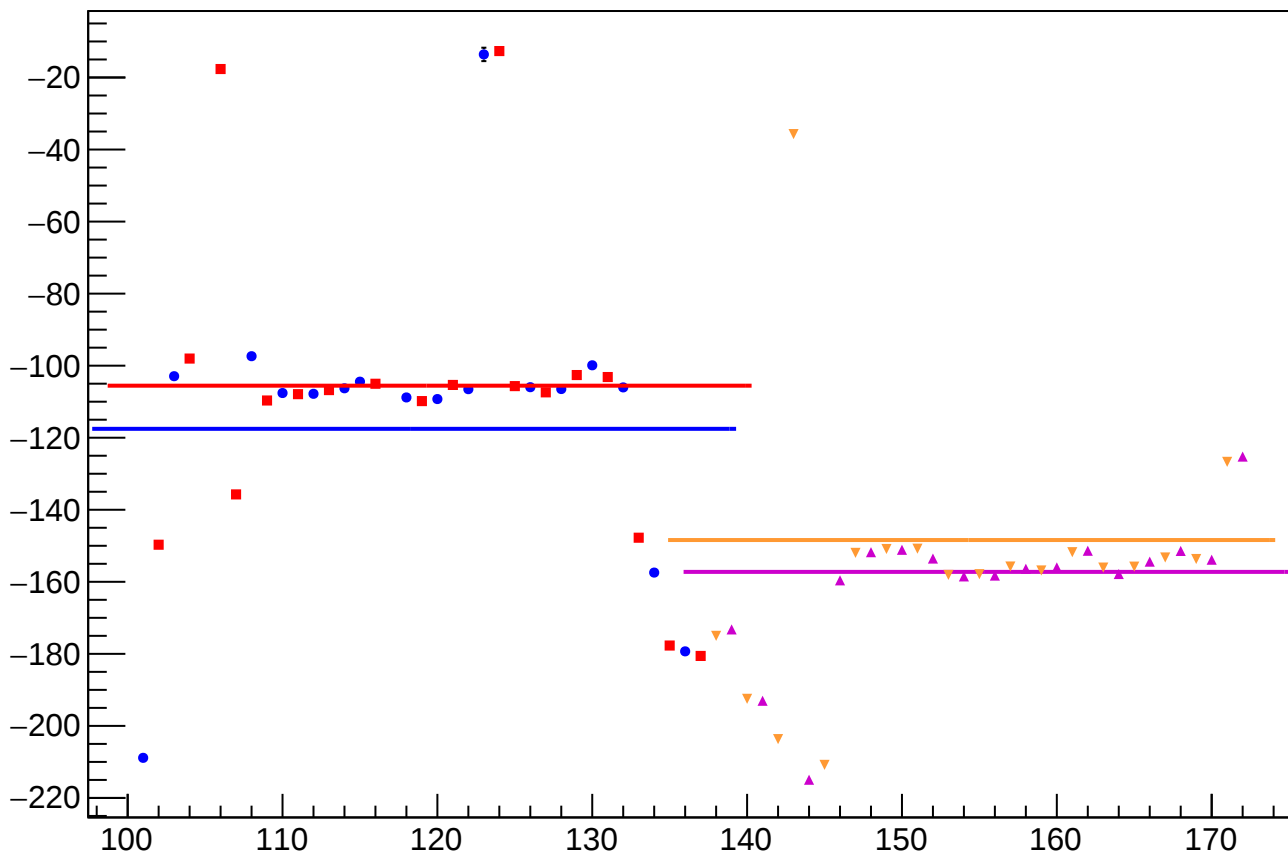
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/34

In: 52.179 $\pm$ 0.870 χ^2/NDF : 1002.5/33

Out: 47.910 $\pm$ 0.846 χ^2/NDF : 1151.2/35

All: 49.985 $\pm$ 0.607 χ^2/NDF : 2166.1/69

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: -148.405+/-0.057 χ^2 /NDF: 466913.1/17

Right Out: -105.555+/-0.073 χ^2 /NDF: 317428.5/17

Left In: -157.246+/-0.057 χ^2 /NDF: 93991.8/16

Left: -152.807+/-0.040 χ^2 /NDF: 573094.6/34

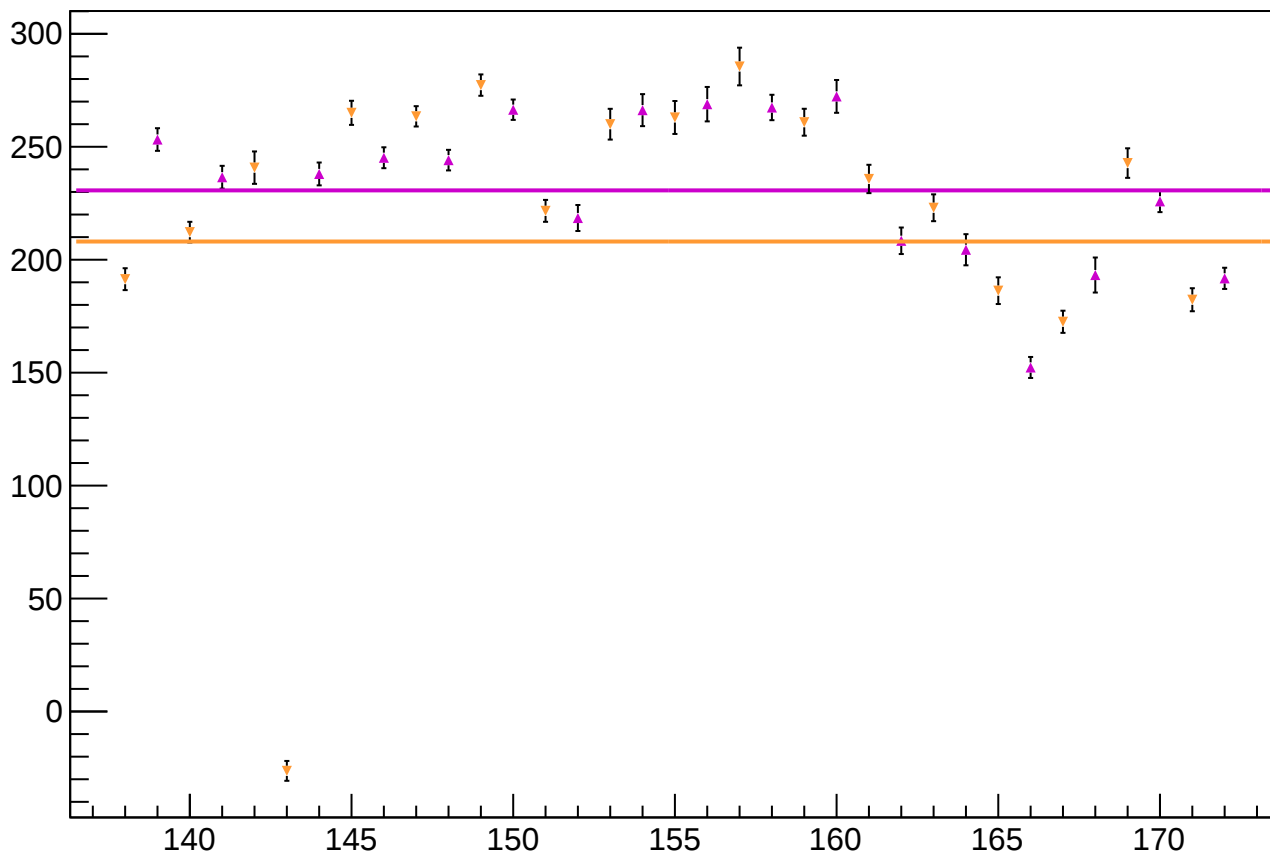
Right: -111.128+/-0.053 χ^2 /NDF: 472040.3/34

In: -143.532+/-0.046 χ^2 /NDF: 405193.3/33

Out: -132.316+/-0.045 χ^2 /NDF: 1000282.9/35

All: -137.768+/-0.032 χ^2 /NDF: 1436144.7/69

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: 208.059+/-1.289 χ^2/NDF :3789.5/17

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

Left In: 230.697+/-1.310 χ^2/NDF :641.6/16

Left: 219.189+/-0.919 χ^2/NDF : 4582.8/34

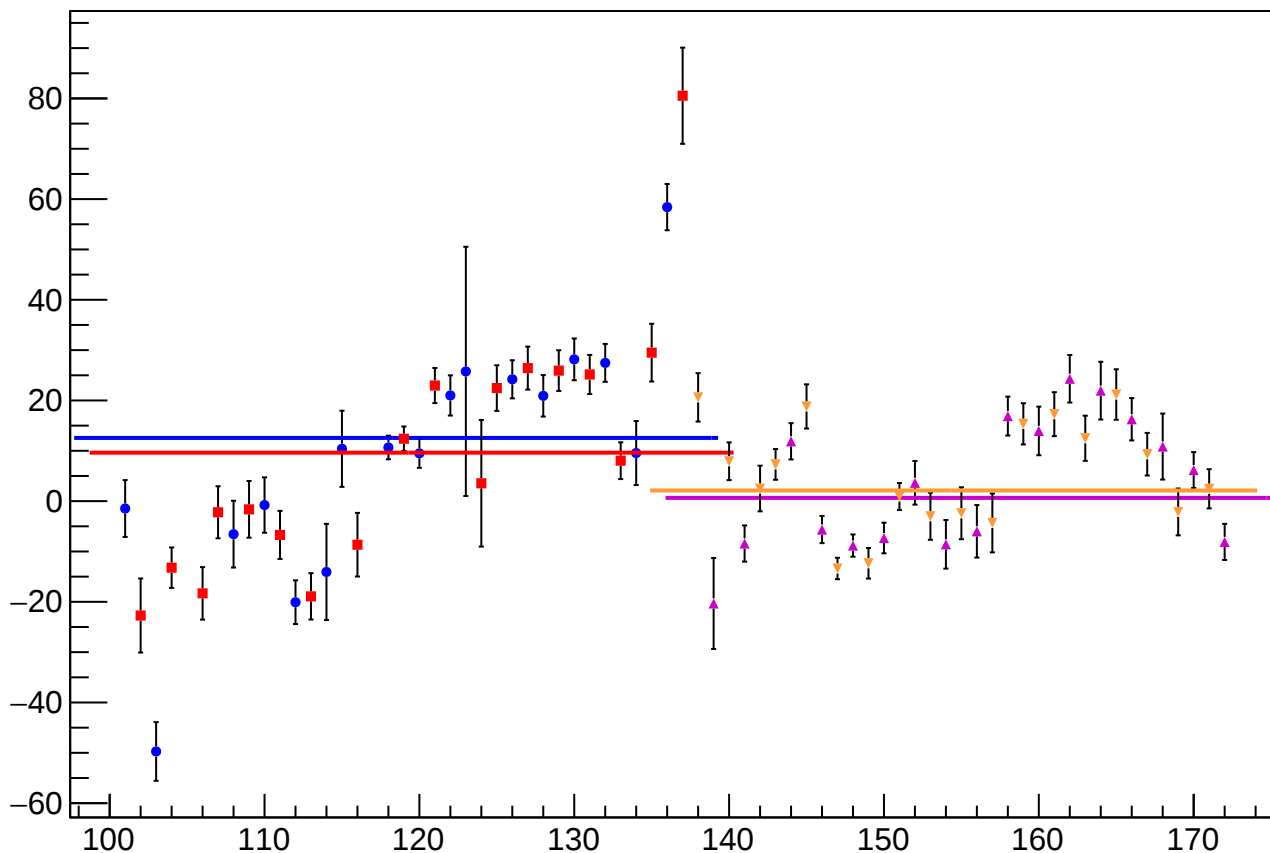
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 230.697+/-1.310 χ^2/NDF :641.6/16

Out: 208.059+/-1.289 χ^2/NDF :3789.5/17

All: 219.189+/-0.919 χ^2/NDF : 4582.8/34

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 2.118 $\pm$ 0.886 χ^2 /NDF:159.6/17

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: 0.646 $\pm$ 0.924 χ^2 /NDF:146.7/16

Left: 1.413 $\pm$ 0.640 χ^2 /NDF: 307.6/34

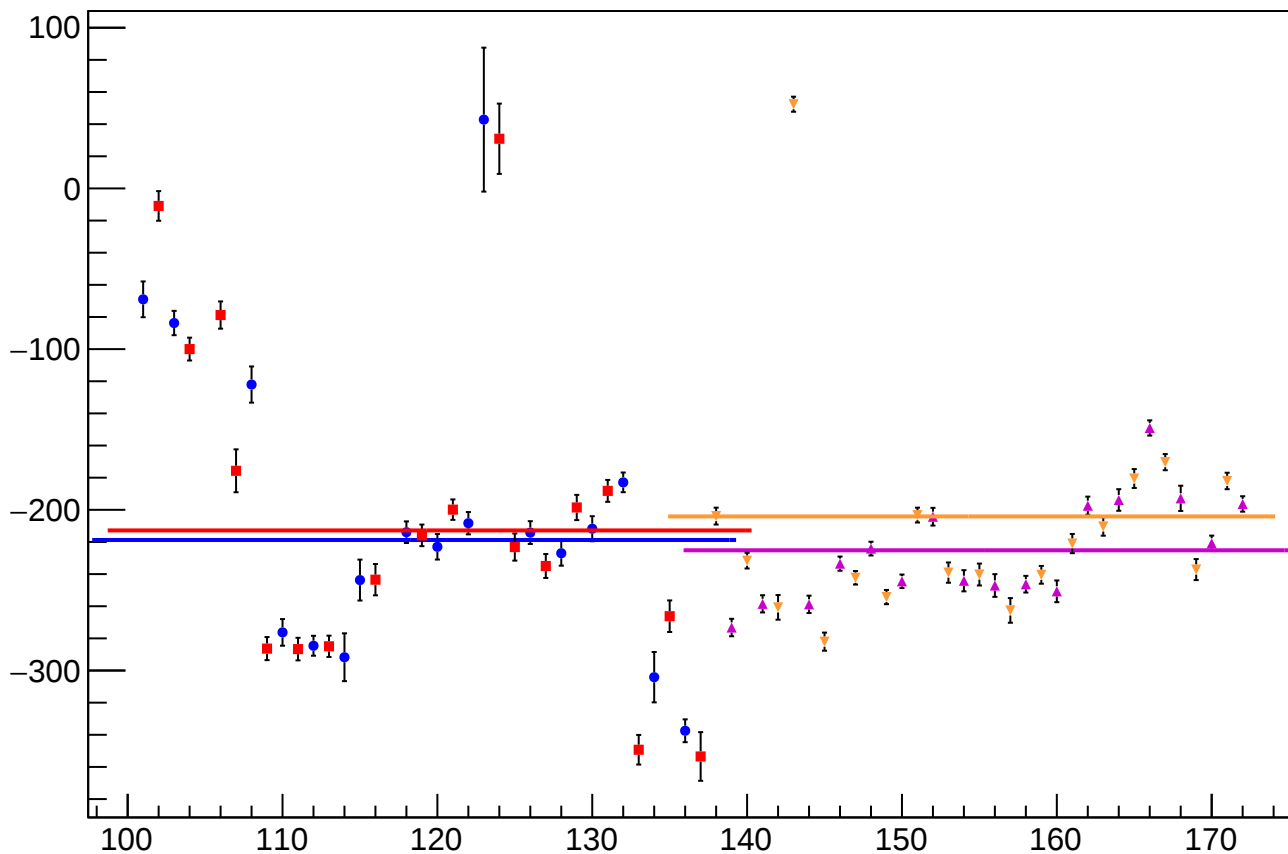
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 5.804 $\pm$ 0.696 χ^2 /NDF:567.2/33

Out: 5.246 $\pm$ 0.677 χ^2 /NDF:477.0/35

All: 5.517 $\pm$ 0.485 χ^2 /NDF: 1044.5/69

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: -204.113 ± 1.278 $\chi^2/\text{NDF}: 3757.5/17$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -225.182 ± 1.289 $\chi^2/\text{NDF}: 601.7/16$

Left: -214.558 ± 0.908 $\chi^2/\text{NDF}: 4493.9/34$

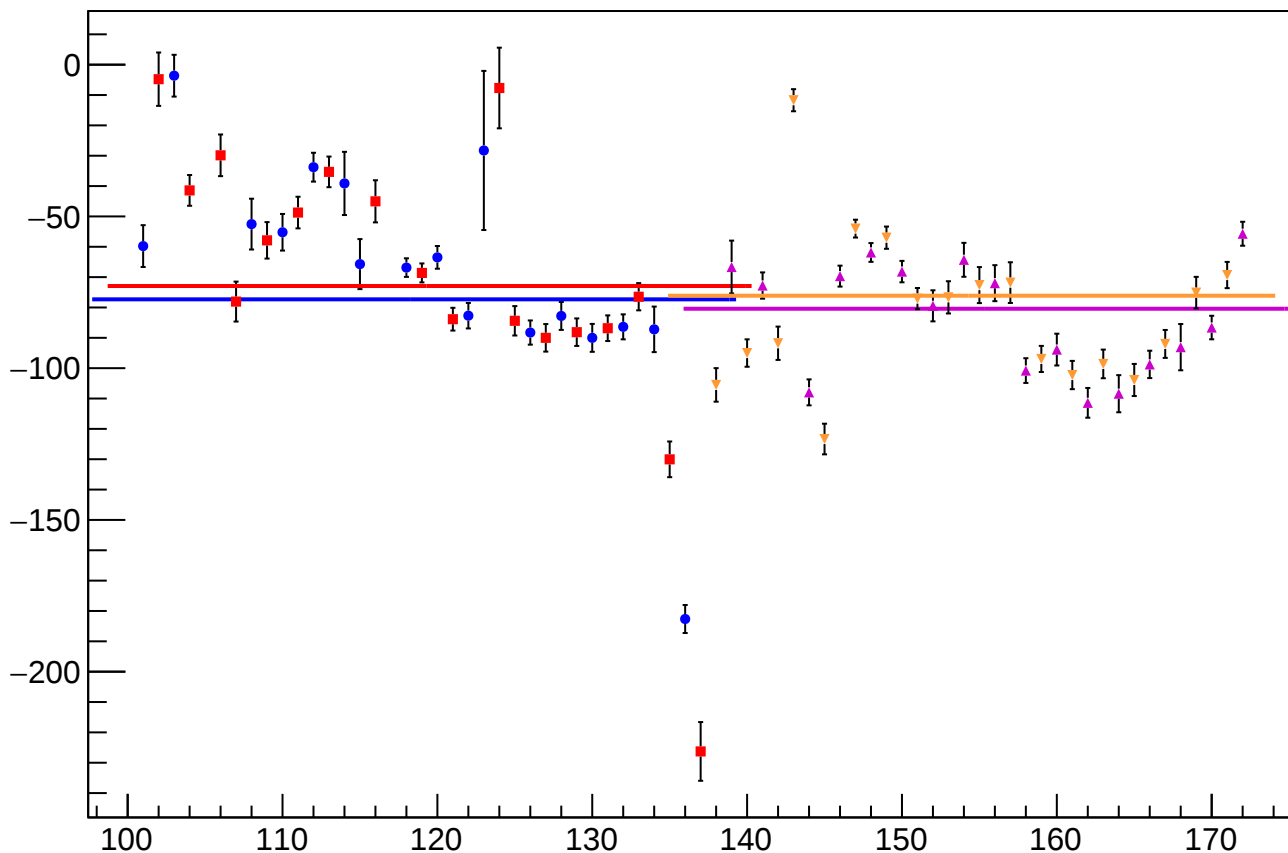
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -223.313 ± 1.085 $\chi^2/\text{NDF}: 1753.4/33$

Out: -206.774 ± 1.065 $\chi^2/\text{NDF}: 5596.2/35$

All: -214.889 ± 0.760 $\chi^2/\text{NDF}: 7467.9/69$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.127 ± 1.050 χ^2/NDF : 658.3/17

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -80.416 ± 1.084 χ^2/NDF : 268.9/16

Left: -78.204 ± 0.754 χ^2/NDF : 935.2/34

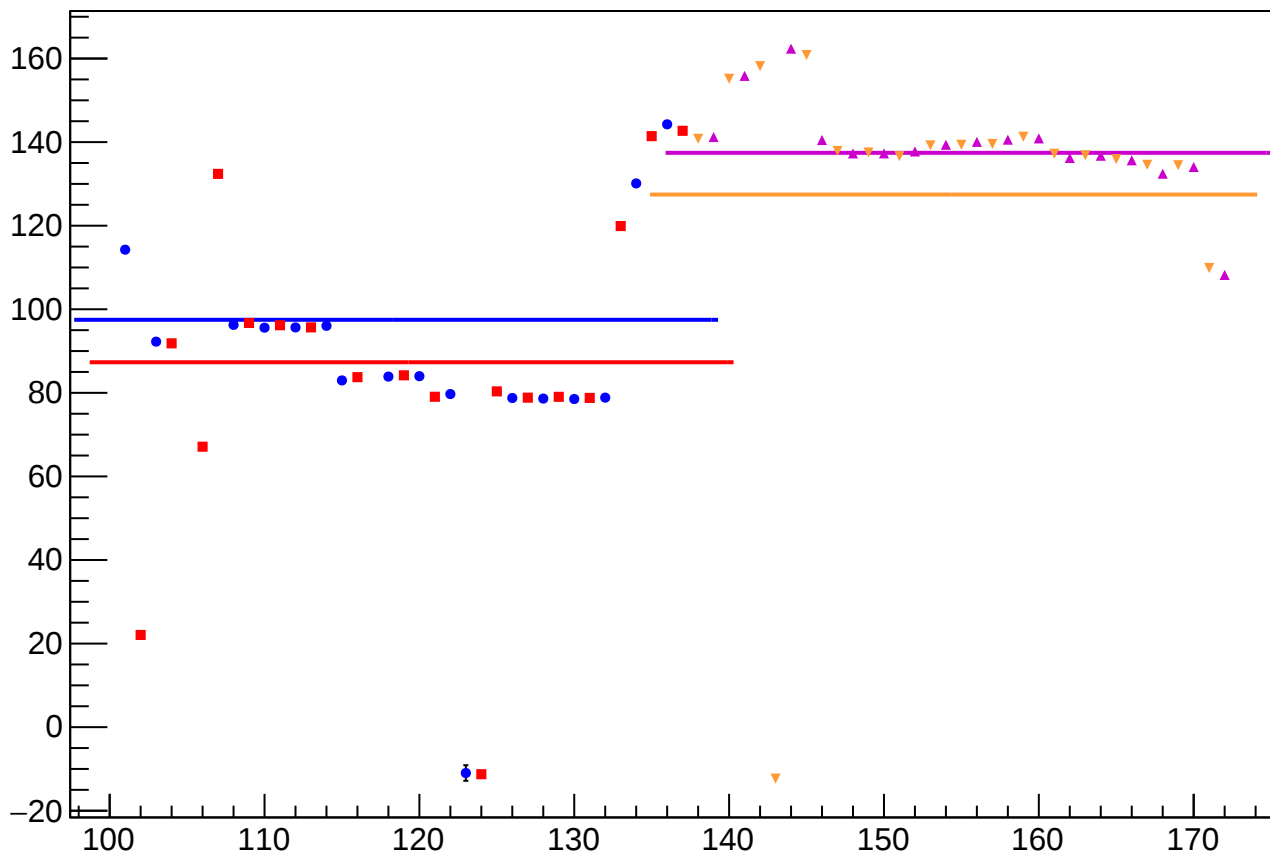
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.052 ± 0.811 χ^2/NDF : 1090.2/33

Out: -74.747 ± 0.793 χ^2/NDF : 1323.1/35

All: -76.851 ± 0.567 χ^2/NDF : 2427.7/69

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: 127.450+/-0.051 χ^2 /NDF: 641260.0/17

Right Out: 87.318+/-0.068 χ^2 /NDF: 221863.6/17

Left In: 137.436+/-0.051 χ^2 /NDF: 49738.7/16

Left: 132.443+/-0.036 χ^2 /NDF: 710308.8/34

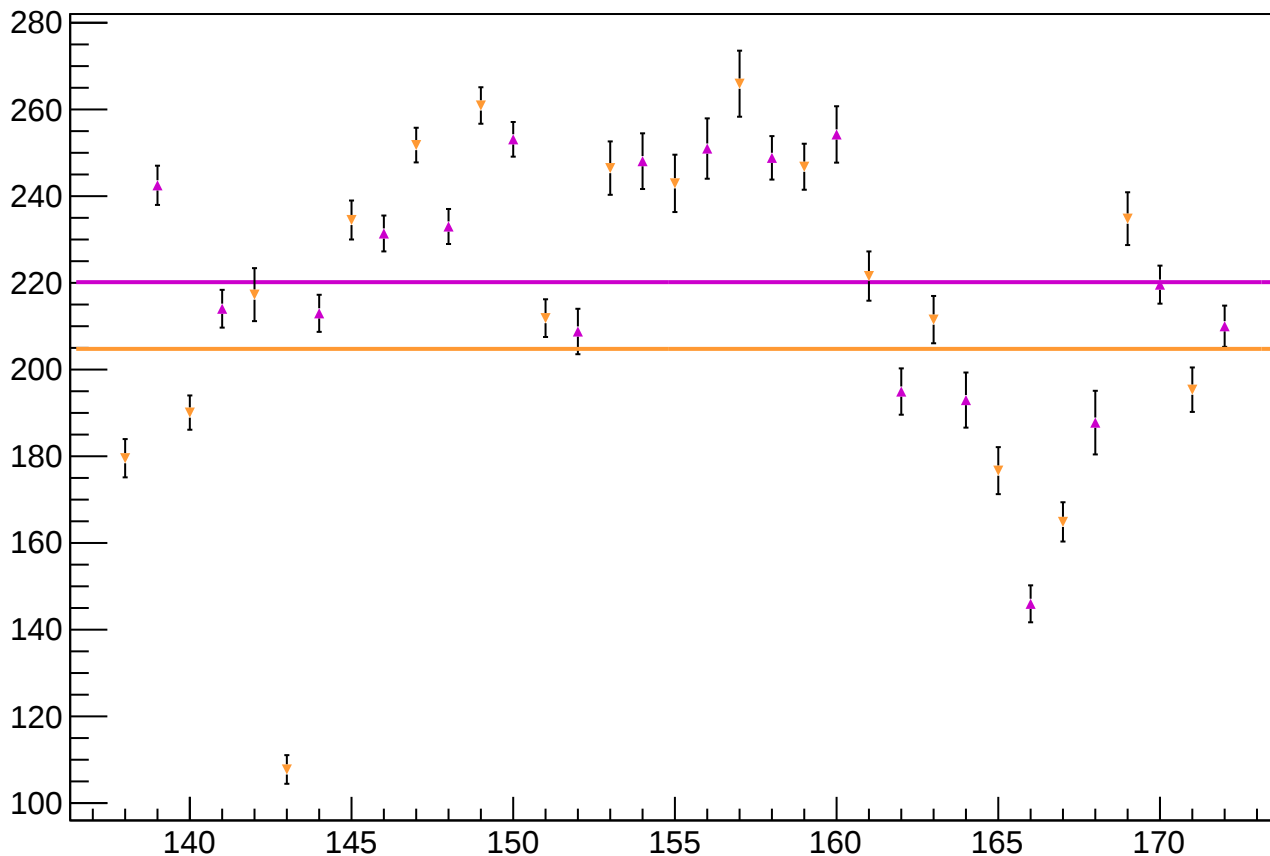
Right: 92.040+/-0.050 χ^2 /NDF: 326534.9/34

In: 124.483+/-0.042 χ^2 /NDF: 344544.0/33

Out: 113.162+/-0.041 χ^2 /NDF: 1085193.7/35

All: 118.685+/-0.029 χ^2 /NDF: 1467343.1/69

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: 204.773+/-1.140 χ^2/NDF :1623.0/17

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

Left In: 220.162+/-1.185 χ^2/NDF :585.4/16

Left: 212.174+/-0.822 χ^2/NDF : 2296.0/34

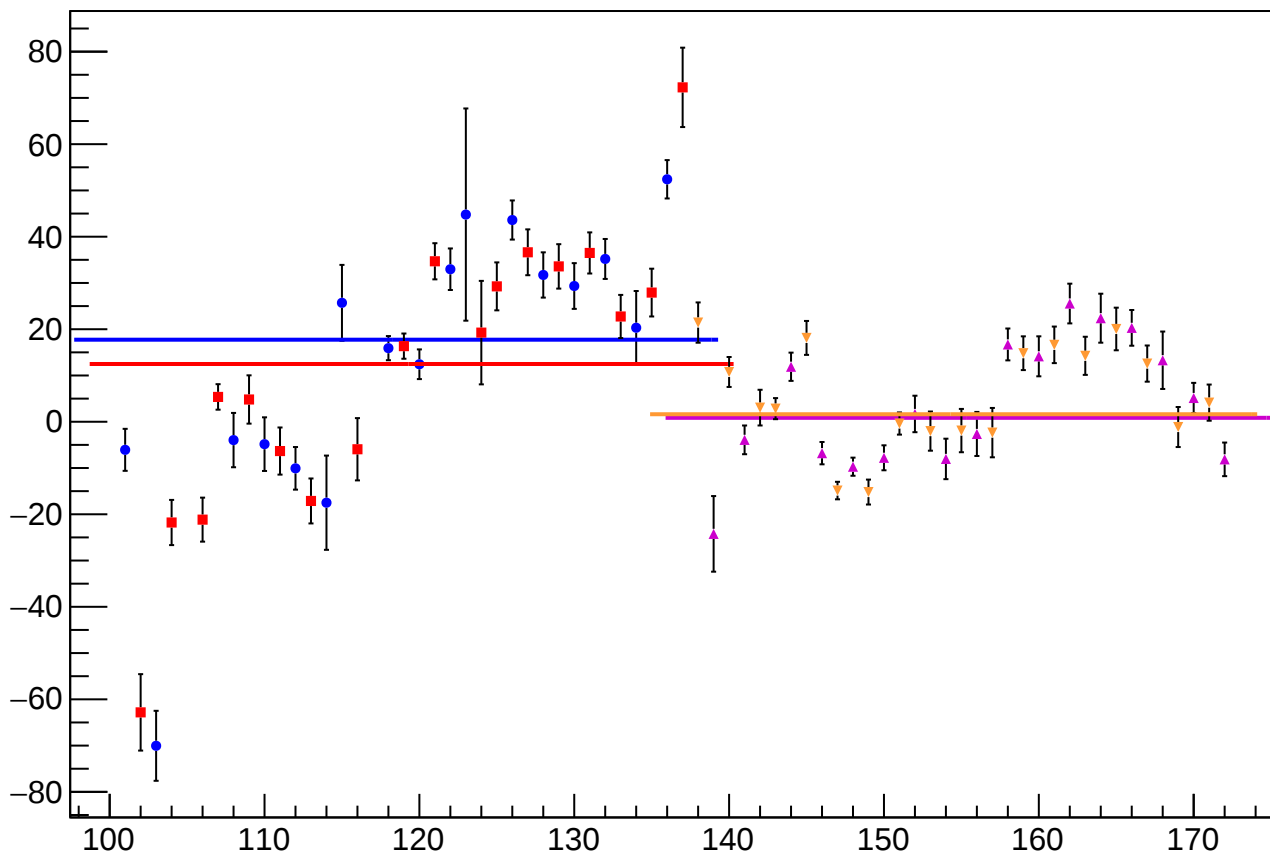
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.162+/-1.185 χ^2/NDF :585.4/16

Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

All: 212.174+/-0.822 χ^2/NDF : 2296.0/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 1.261 $\pm$ 0.569 χ^2/NDF : 425.3/34

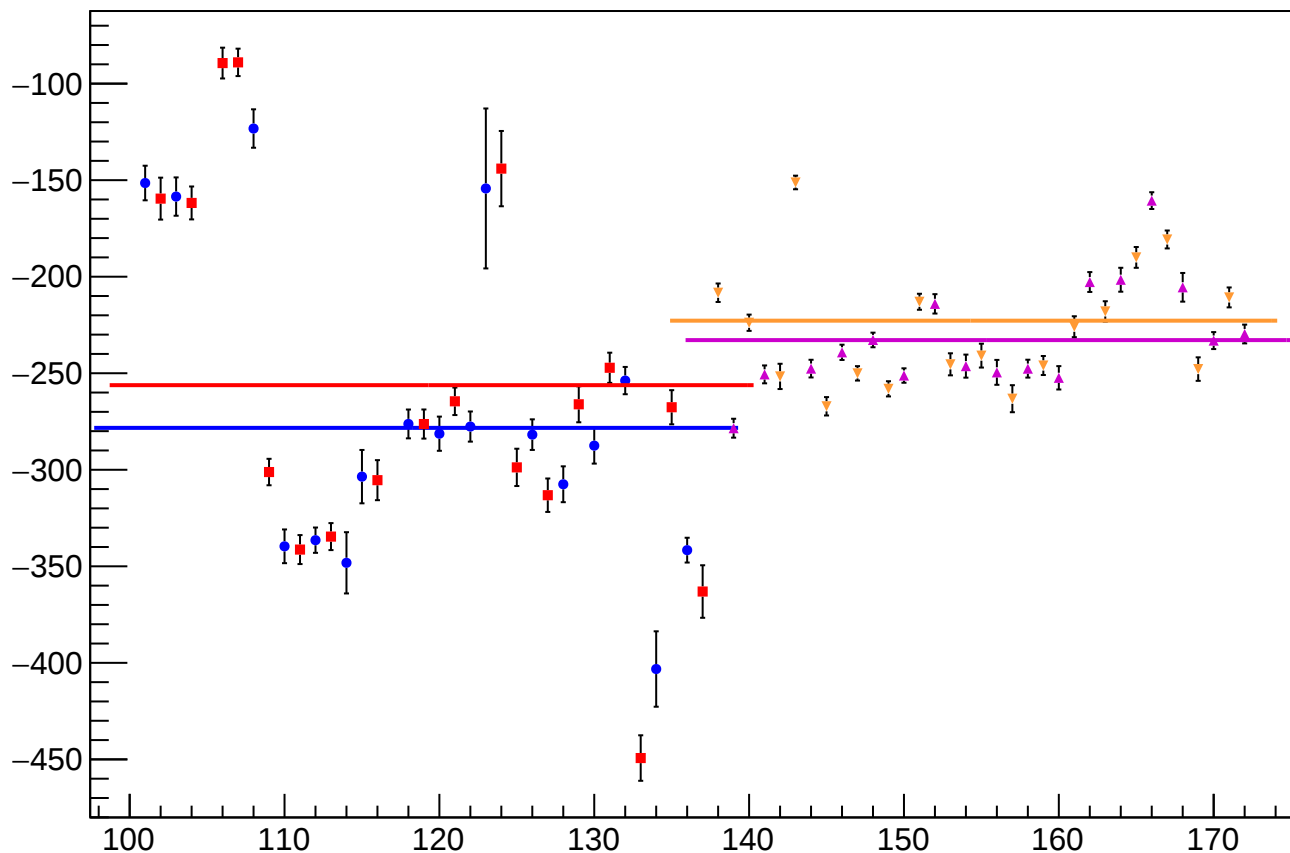
Right: 14.961 $\pm$ 0.789 χ^2/NDF : 834.2/34

In: 6.655 $\pm$ 0.673 χ^2/NDF : 732.3/33

Out: 5.331 $\pm$ 0.634 χ^2/NDF : 723.5/35

All: 5.953 $\pm$ 0.462 χ^2/NDF : 1457.9/69

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: -222.771 ± 1.135 $\chi^2/\text{NDF}: 889.6/17$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -232.838 ± 1.166 $\chi^2/\text{NDF}: 535.4/16$

Left: -227.669 ± 0.813 $\chi^2/\text{NDF}: 1463.3/34$

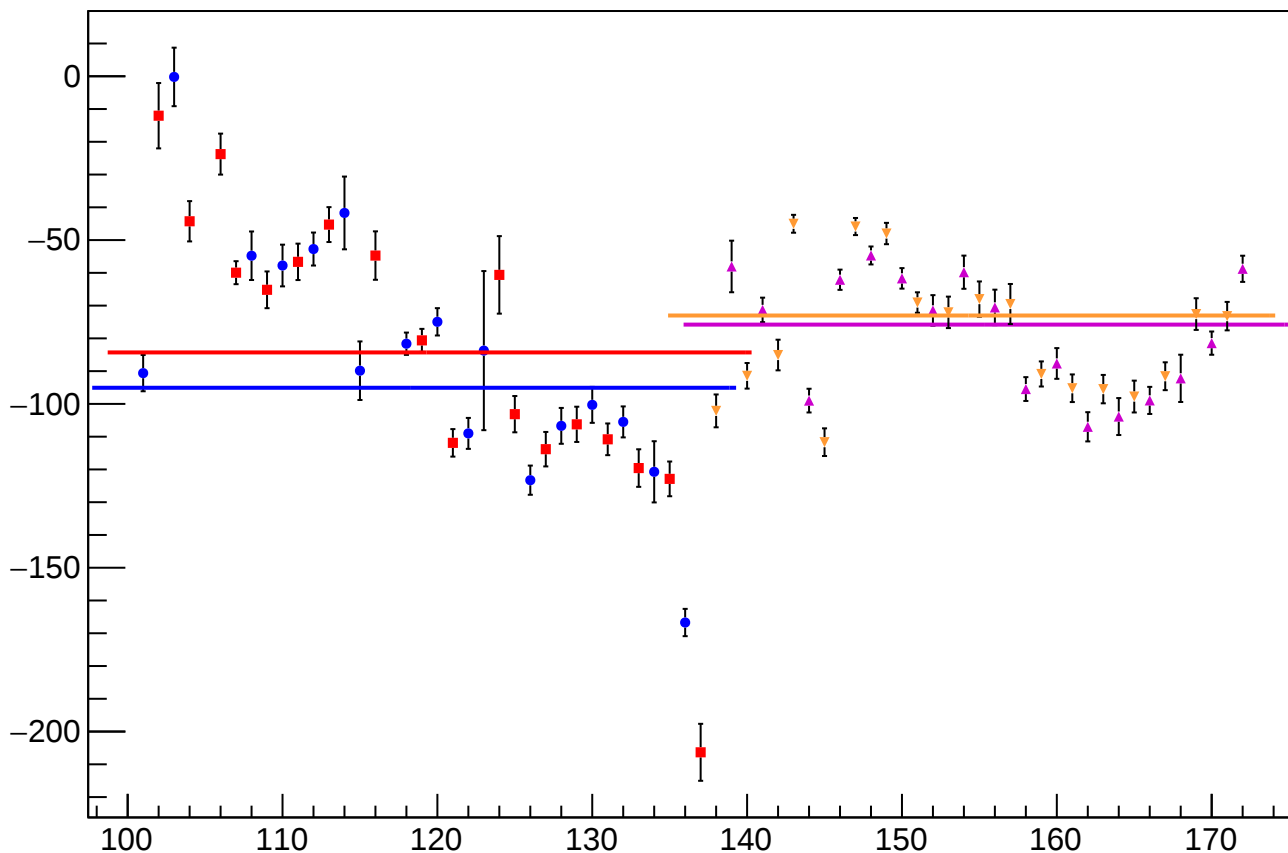
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -243.001 ± 1.027 $\chi^2/\text{NDF}: 1785.4/33$

Out: -230.754 ± 0.990 $\chi^2/\text{NDF}: 3049.0/35$

All: -236.652 ± 0.713 $\chi^2/\text{NDF}: 4908.1/69$

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: -73.019 ± 0.928 χ^2/NDF : 542.7/17

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -75.798 ± 0.978 χ^2/NDF : 325.3/16

Left: -74.337 ± 0.673 χ^2/NDF : 872.2/34

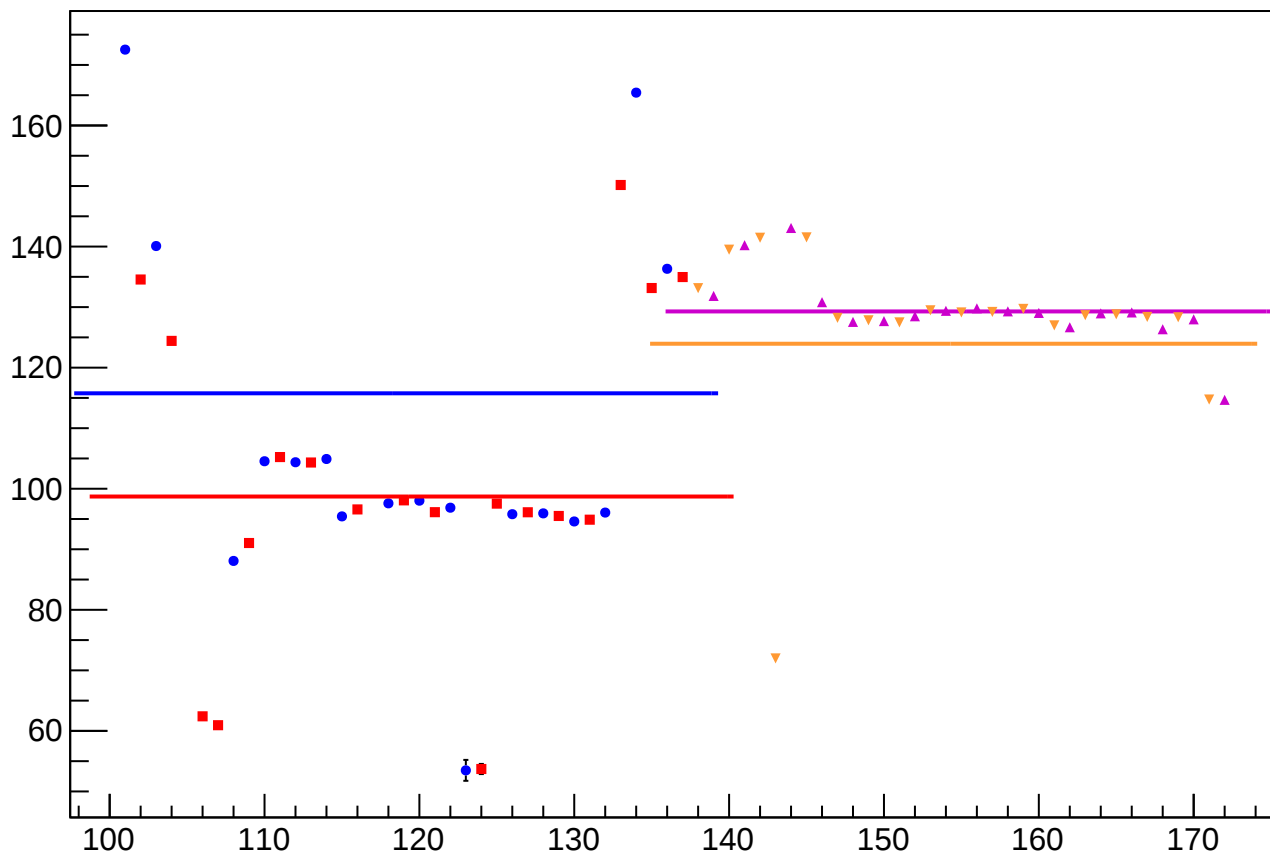
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -82.591 ± 0.787 χ^2/NDF : 1135.4/33

Out: -76.991 ± 0.747 χ^2/NDF : 1363.5/35

All: -79.646 ± 0.542 χ^2/NDF : 2525.5/69

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: 123.950 $\pm$ 0.045 χ^2/NDF :165984.4/17

Right Out: 98.713 $\pm$ 0.069 χ^2/NDF : 170183.8/17

Left In: 129.286 $\pm$ 0.046 χ^2/NDF :16154.8/16

Left: 126.570 $\pm$ 0.032 χ^2/NDF : 188963.1/34

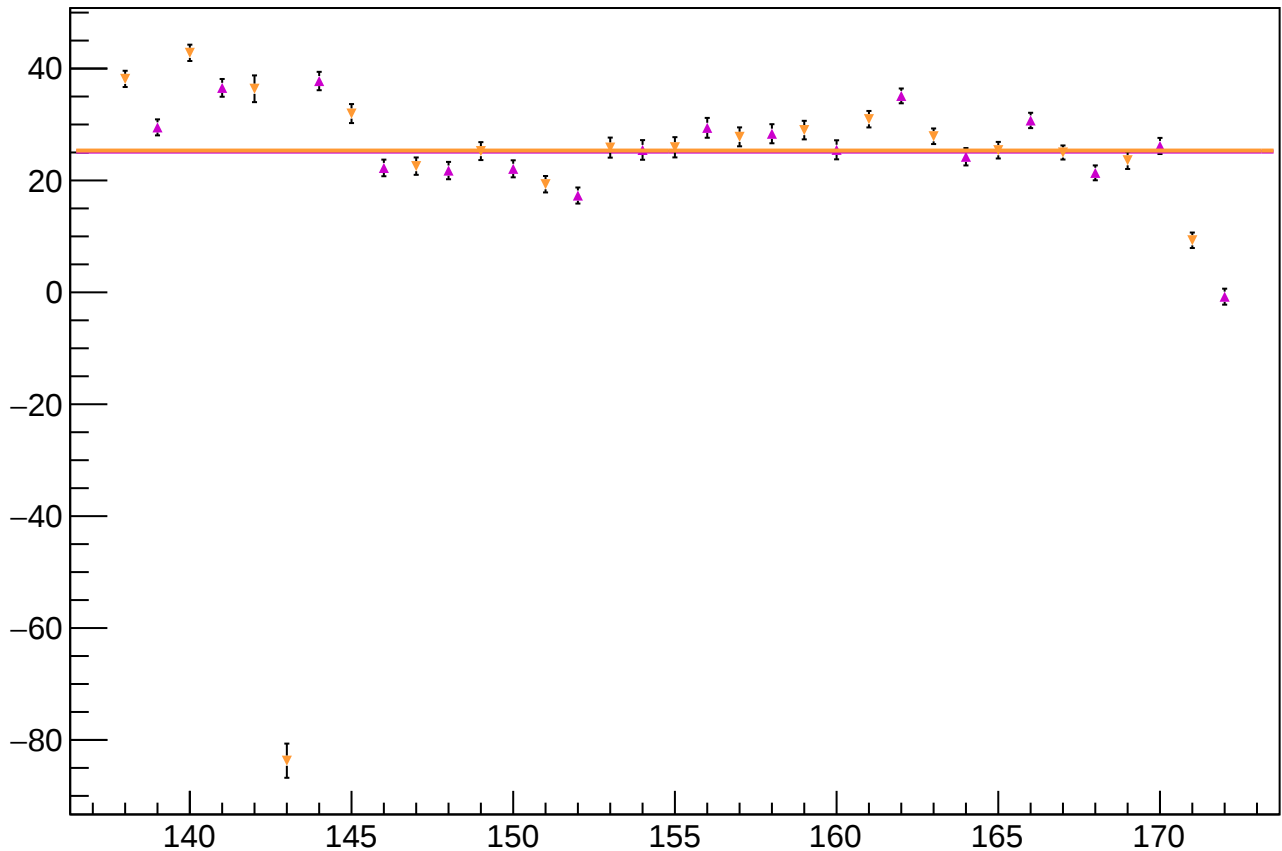
Right: 106.153 $\pm$ 0.052 χ^2/NDF : 303349.7/34

In: 125.792 $\pm$ 0.040 χ^2/NDF :144695.7/33

Out: 116.311 $\pm$ 0.038 χ^2/NDF :430239.9/35

All: 120.820 $\pm$ 0.027 χ^2/NDF : 604849.8/69

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.342+/-0.373 χ^2/NDF :1712.1/17

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

Left In: 25.155+/-0.367 χ^2/NDF :582.5/16

Left: 25.247+/-0.262 χ^2/NDF : 2294.7/34

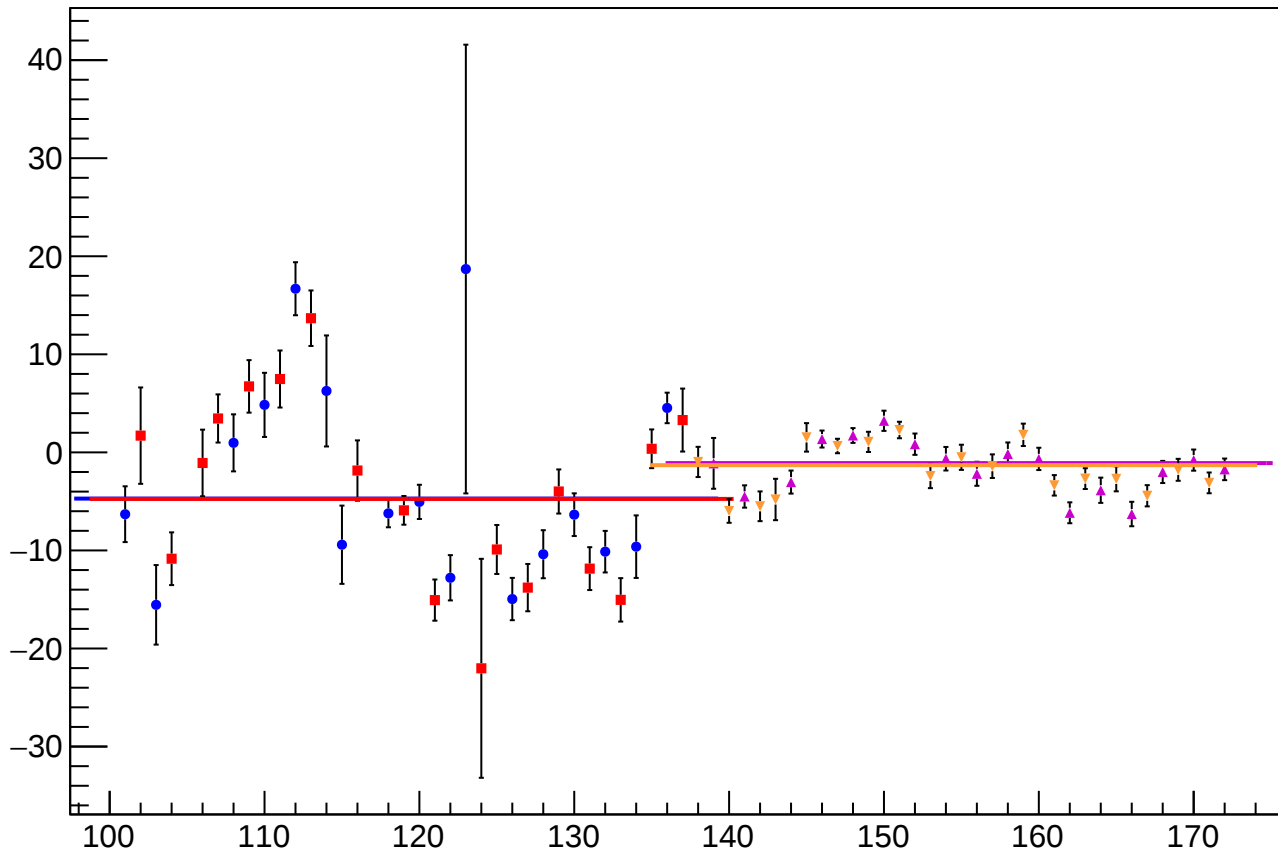
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.155+/-0.367 χ^2/NDF :582.5/16

Out: 25.342+/-0.373 χ^2/NDF :1712.1/17

All: 25.247+/-0.262 χ^2/NDF : 2294.7/34

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: -1.305 ± 0.266 χ^2/NDF : 86.5/17

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.092 ± 0.267 χ^2/NDF : 101.7/16

Left: -1.199 ± 0.189 χ^2/NDF : 188.6/34

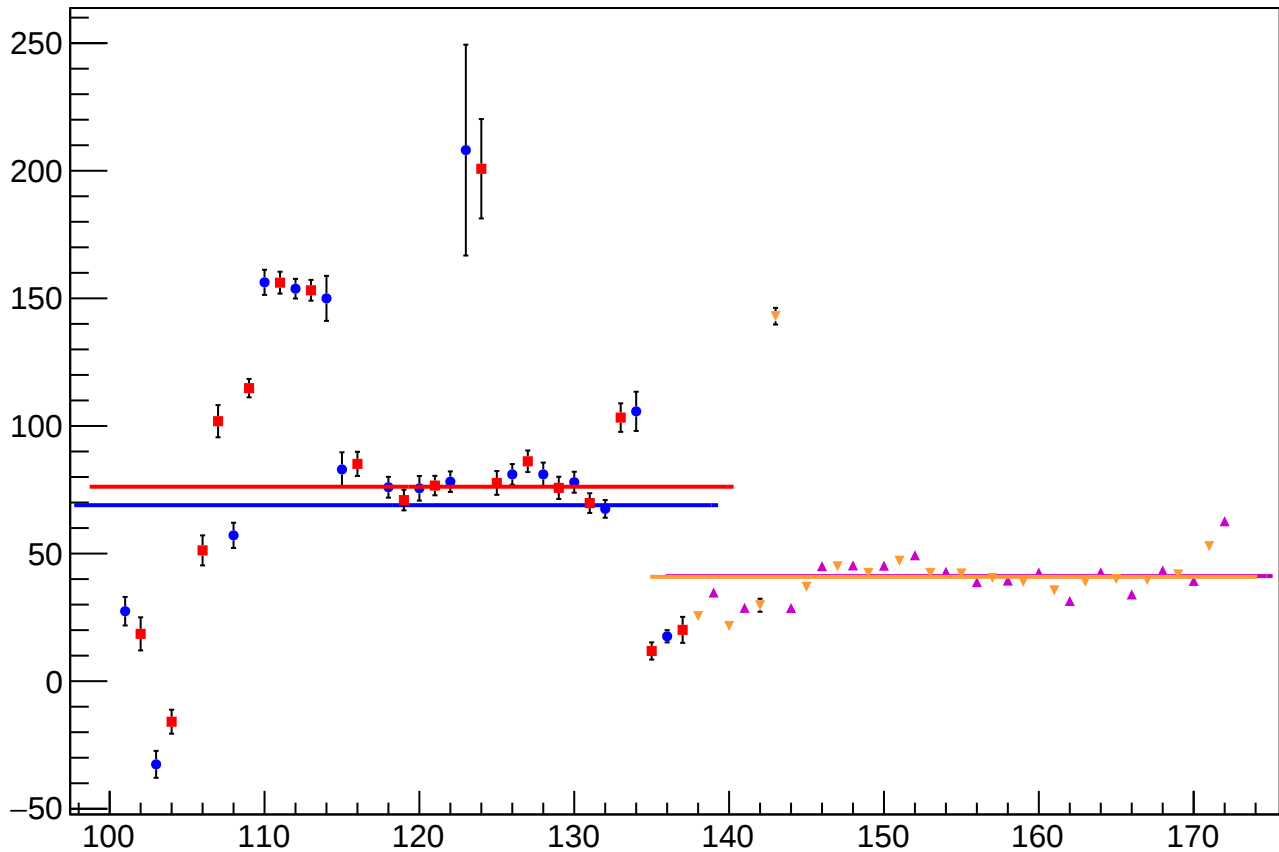
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.726 ± 0.243 χ^2/NDF : 308.5/33

Out: -1.894 ± 0.242 χ^2/NDF : 304.5/35

All: -1.810 ± 0.172 χ^2/NDF : 613.2/69

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: 40.885 ± 0.367 $\chi^2/\text{NDF}: 1379.9/17$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.191 ± 0.361 $\chi^2/\text{NDF}: 493.0/16$

Left: 41.041 ± 0.257 $\chi^2/\text{NDF}: 1873.2/34$

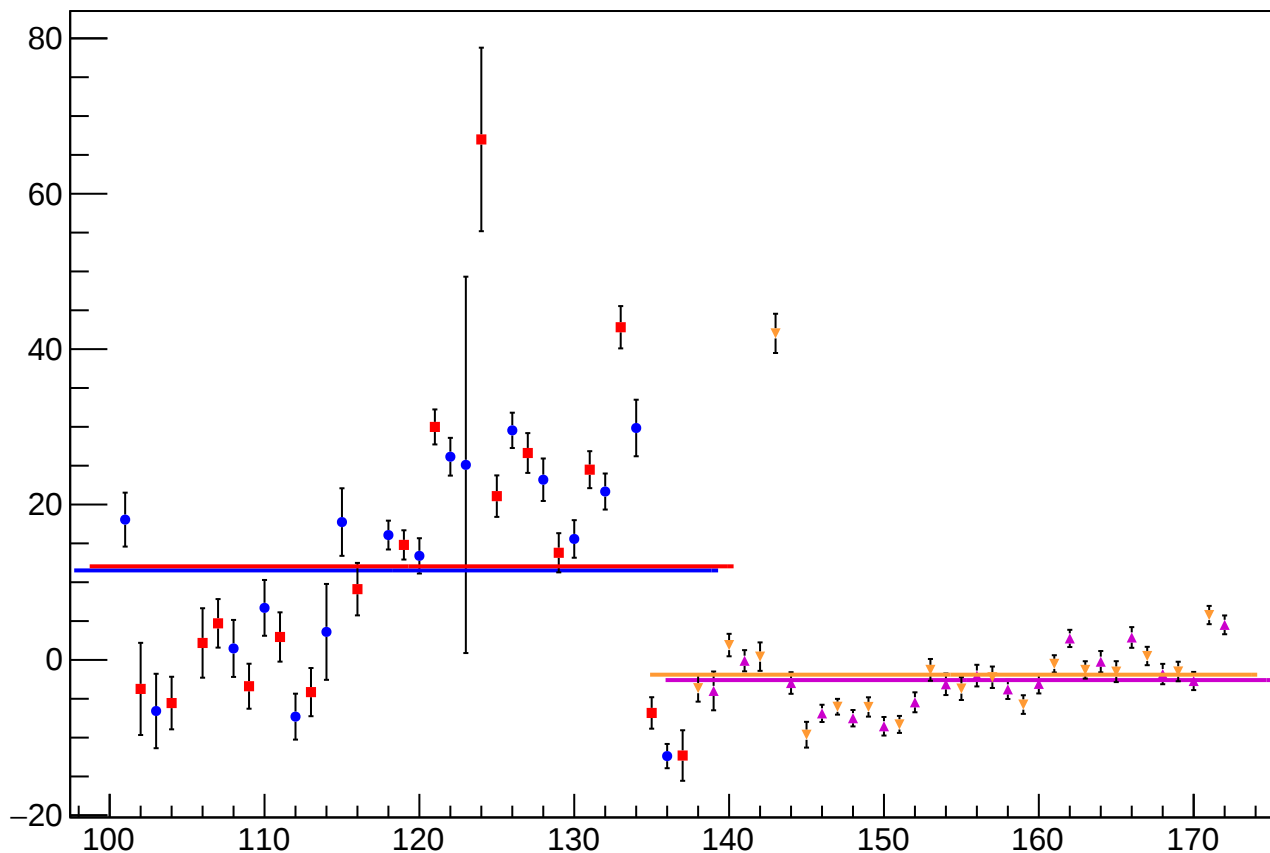
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.981 ± 0.342 $\chi^2/\text{NDF}: 2932.8/33$

Out: 44.604 ± 0.348 $\chi^2/\text{NDF}: 4233.6/35$

All: 44.288 ± 0.244 $\chi^2/\text{NDF}: 7168.0/69$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -1.899 ± 0.308 $\chi^2/\text{NDF}: 456.7/17$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -2.596 ± 0.309 $\chi^2/\text{NDF}: 149.7/16$

Left: -2.247 ± 0.218 $\chi^2/\text{NDF}: 608.9/34$

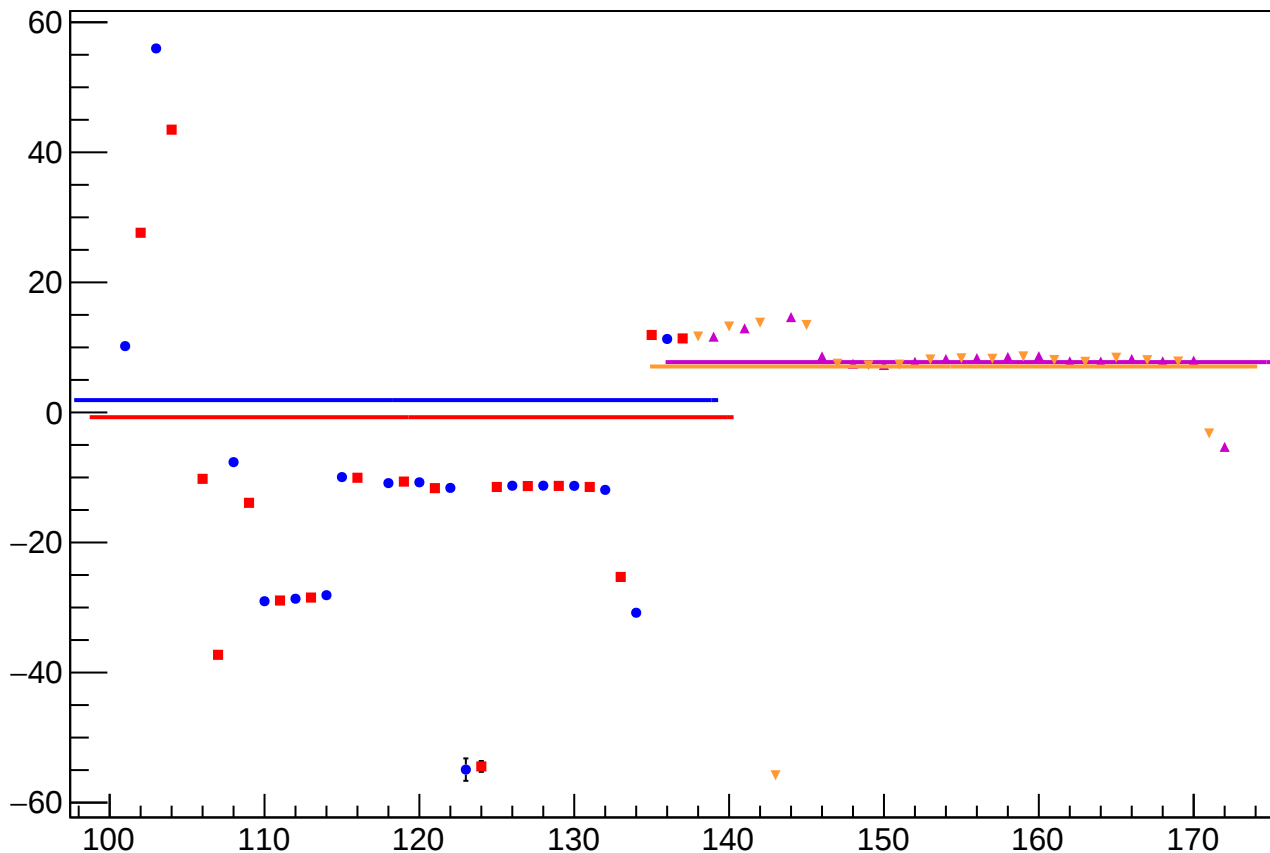
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.059 ± 0.280 $\chi^2/\text{NDF}: 1002.4/33$

Out: 0.573 ± 0.280 $\chi^2/\text{NDF}: 1357.7/35$

All: 0.257 ± 0.198 $\chi^2/\text{NDF}: 2362.6/69$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.065 ± 0.014 χ^2/NDF : 304401.2/17

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 7.740 ± 0.014 χ^2/NDF : 83250.6/16

Left: 7.409 ± 0.010 χ^2/NDF : 388791.0/34

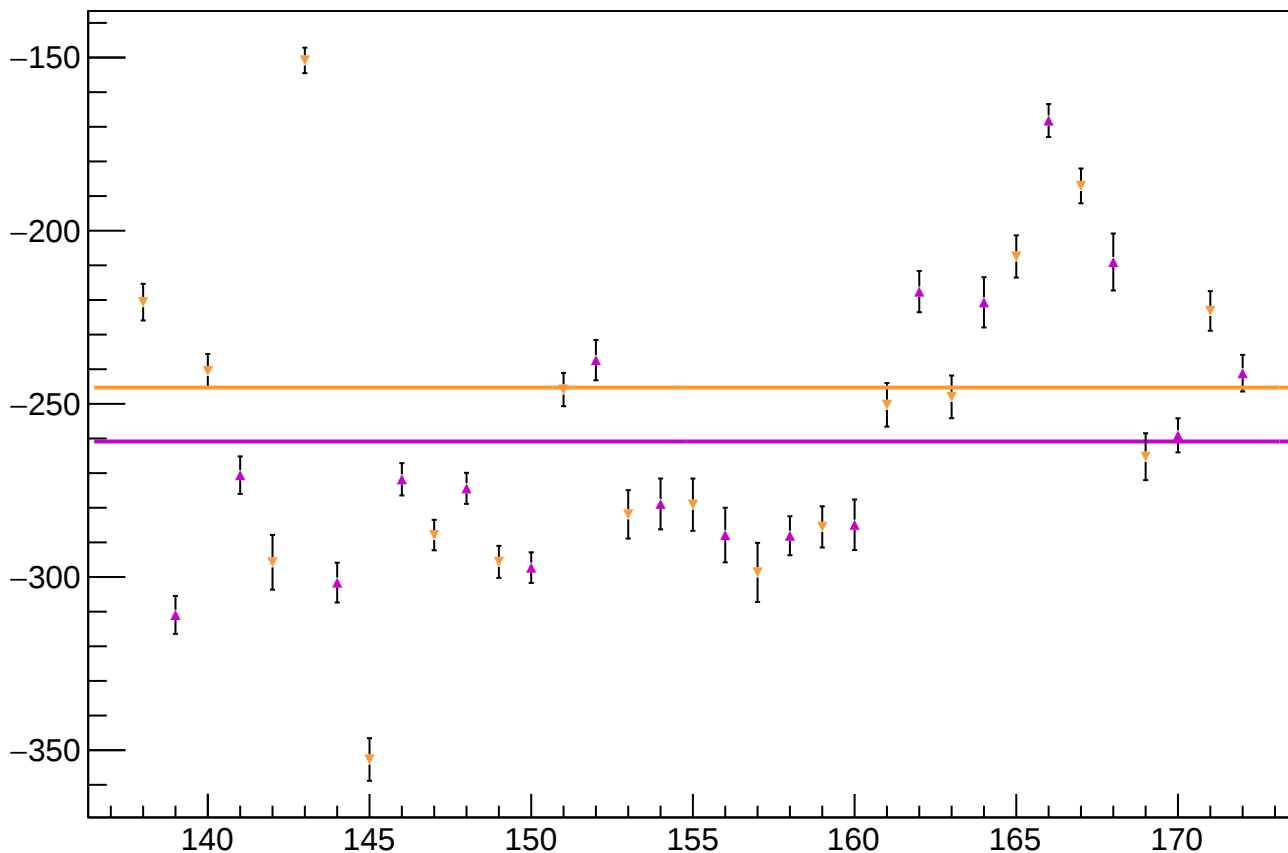
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.008 ± 0.013 χ^2/NDF : 463878.1/33

Out: 6.059 ± 0.013 χ^2/NDF : 702782.2/35

All: 6.542 ± 0.009 χ^2/NDF : 1169239.1/69

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: -245.288+/-1.307 χ^2/NDF :1570.3/17

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

Left In: -260.860+/-1.358 χ^2/NDF :806.8/16

Left: -252.776+/-0.942 χ^2/NDF : 2445.4/34

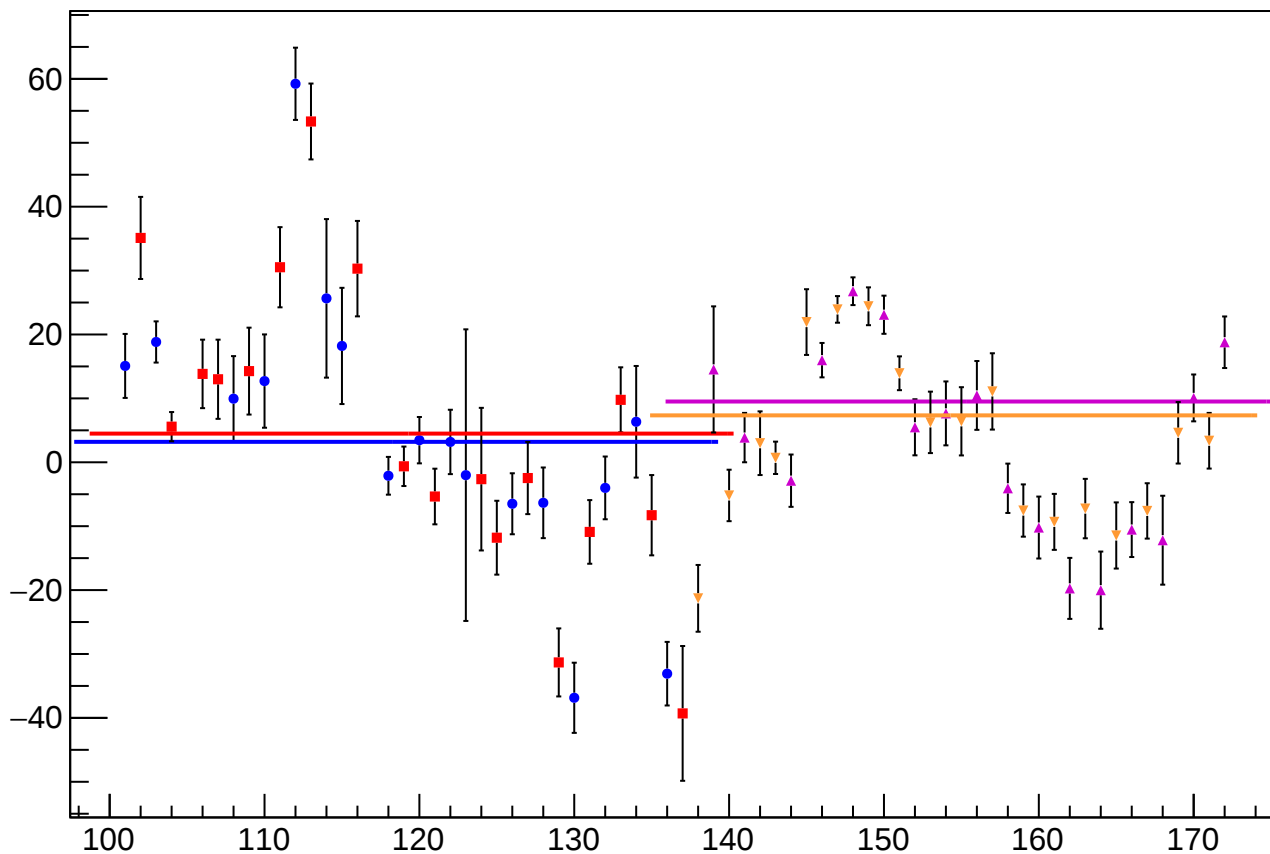
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.860+/-1.358 χ^2/NDF :806.8/16

Out: -245.288+/-1.307 χ^2/NDF :1570.3/17

All: -252.776+/-0.942 χ^2/NDF : 2445.4/34

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: 7.342 ± 0.887 χ^2/NDF : 222.6/17

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 9.509 ± 0.946 χ^2/NDF : 229.4/16

Left: 8.356 ± 0.647 χ^2/NDF : 454.8/34

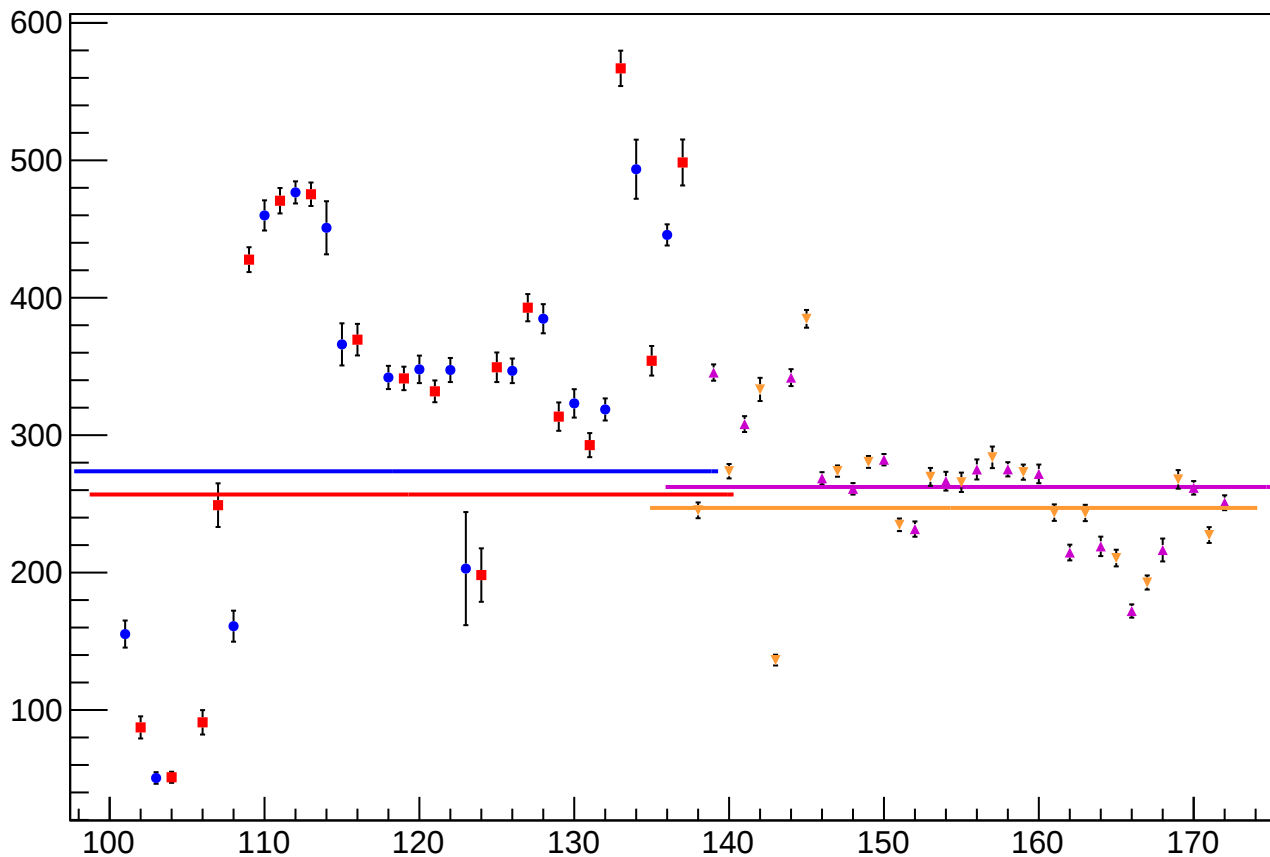
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 7.158 ± 0.749 χ^2/NDF : 501.2/33

Out: 6.288 ± 0.704 χ^2/NDF : 448.2/35

All: 6.696 ± 0.513 χ^2/NDF : 950.1/69

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 247.056 $\pm$ 1.295 χ^2 /NDF:1725.2/17

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 262.302 $\pm$ 1.331 χ^2 /NDF:984.8/16

Left: 254.470 $\pm$ 0.928 χ^2 /NDF: 2777.4/34

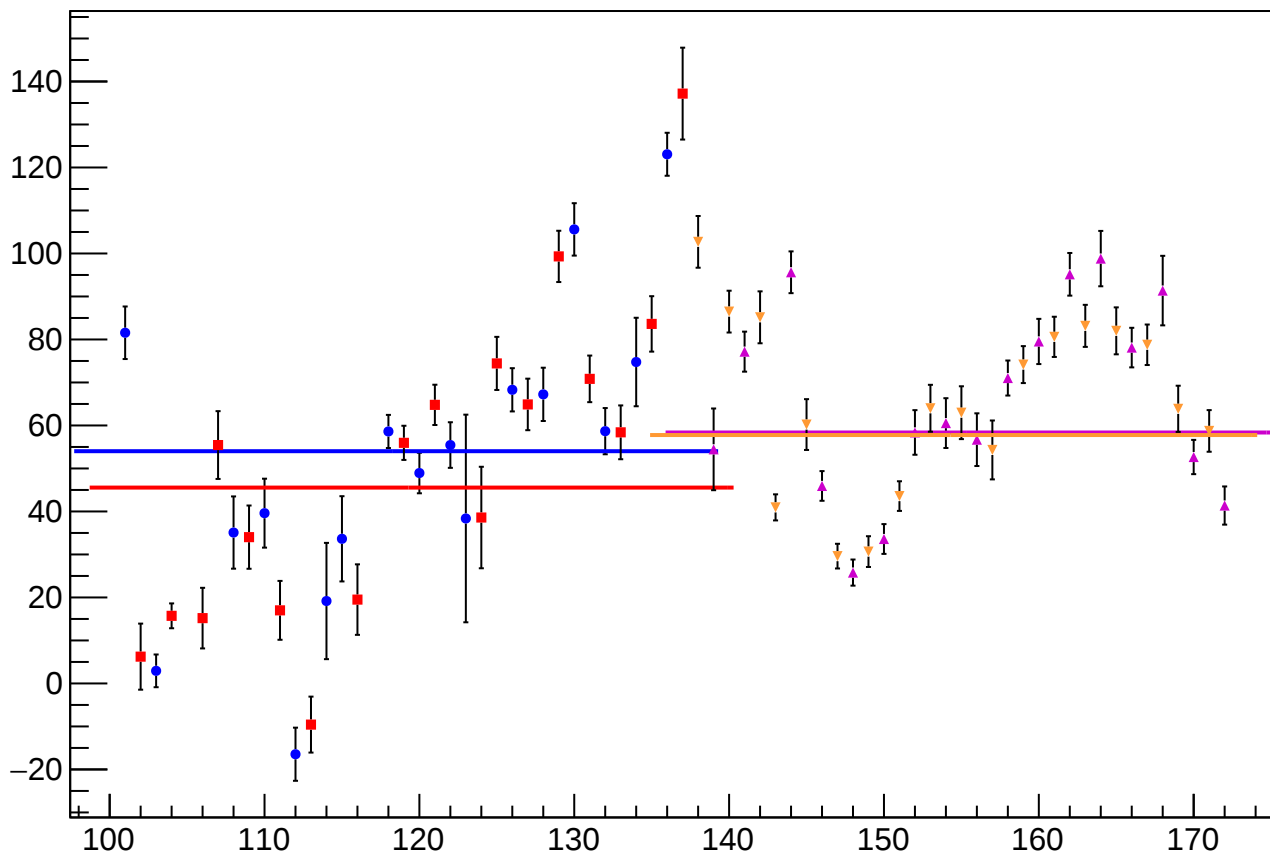
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 265.371 $\pm$ 1.138 χ^2 /NDF:6107.9/33

Out: 249.778 $\pm$ 1.100 χ^2 /NDF:8152.8/35

All: 257.309 $\pm$ 0.791 χ^2 /NDF: 14357.7/69

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: 57.774 $\pm$ 1.056 χ^2 /NDF: 421.2/17

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 58.364 $\pm$ 1.114 χ^2 /NDF: 426.9/16

Left: 58.053 $\pm$ 0.766 χ^2 /NDF: 848.2/34

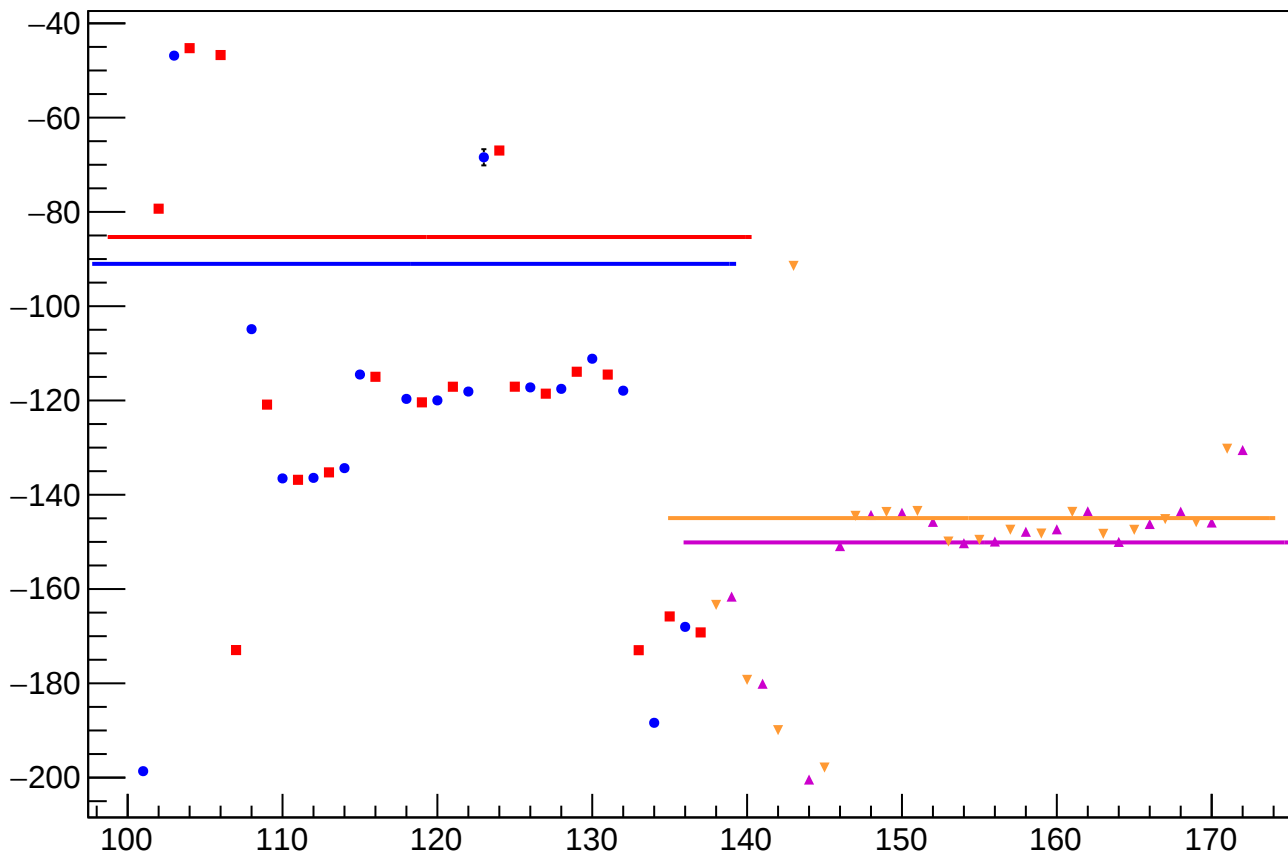
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 56.713 $\pm$ 0.877 χ^2 /NDF: 1065.5/33

Out: 53.171 $\pm$ 0.834 χ^2 /NDF: 998.3/35

All: 54.852 $\pm$ 0.604 χ^2 /NDF: 2072.4/69

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: -144.950+/-0.052 χ^2/NDF : 211273.2/17

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -150.111+/-0.053 χ^2/NDF : 69852.5/16

Left: -147.485+/-0.037 χ^2/NDF : 286023.5/34

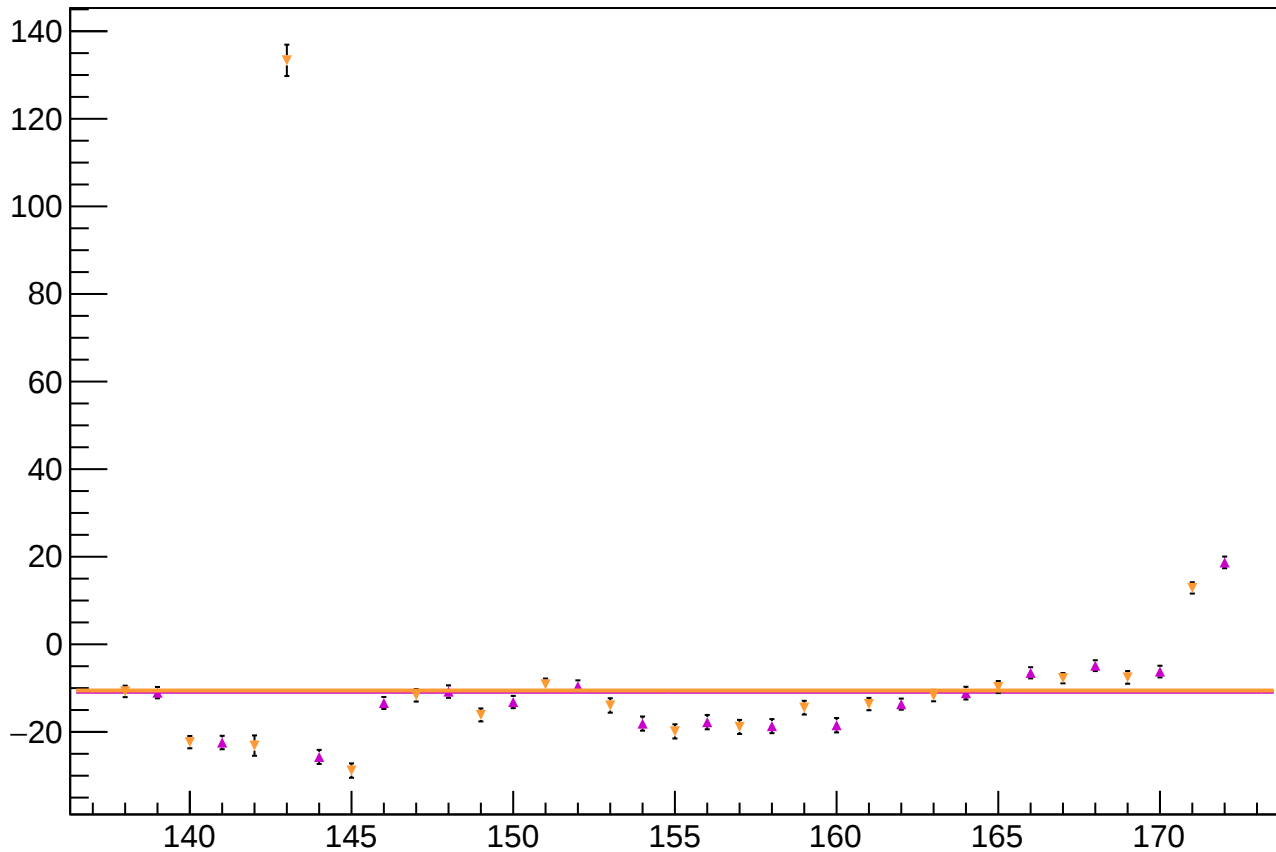
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -127.821+/-0.042 χ^2/NDF : 1080208.3/33

Out: -121.926+/-0.040 χ^2/NDF : 1208341.8/35

All: -124.800+/-0.029 χ^2/NDF : 2298884.3/69

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: -10.551+/-0.350 χ^2/NDF :2268.0/17

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

Left In: -10.827+/-0.343 χ^2/NDF :774.0/16

Left: -10.692+/-0.245 χ^2/NDF : 3042.4/34

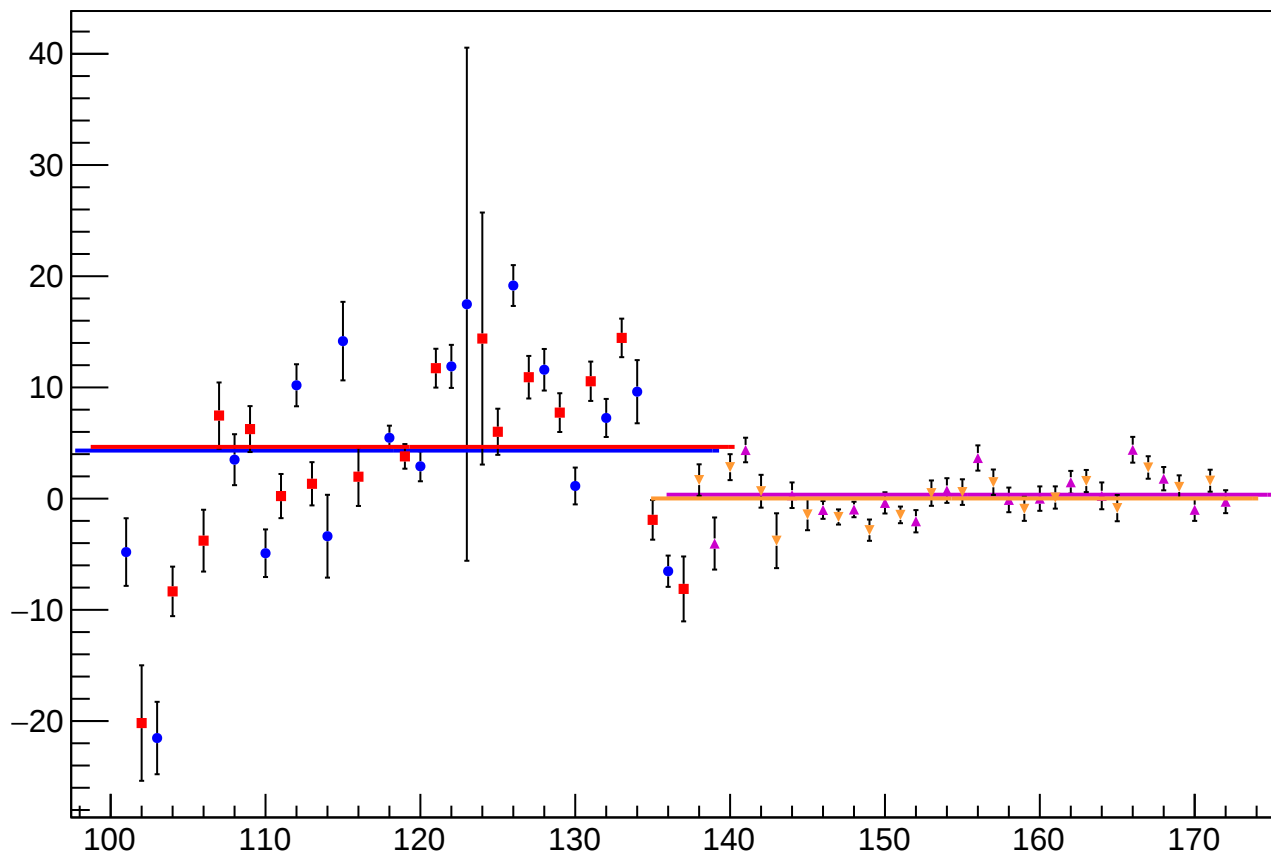
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.827+/-0.343 χ^2/NDF :774.0/16

Out: -10.551+/-0.350 χ^2/NDF :2268.0/17

All: -10.692+/-0.245 χ^2/NDF : 3042.4/34

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: 0.016 $\pm$ 0.249 χ^2 /NDF: 46.5/17

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 0.351 $\pm$ 0.250 χ^2 /NDF: 55.9/16

Left: 0.182 $\pm$ 0.176 χ^2 /NDF: 103.4/34

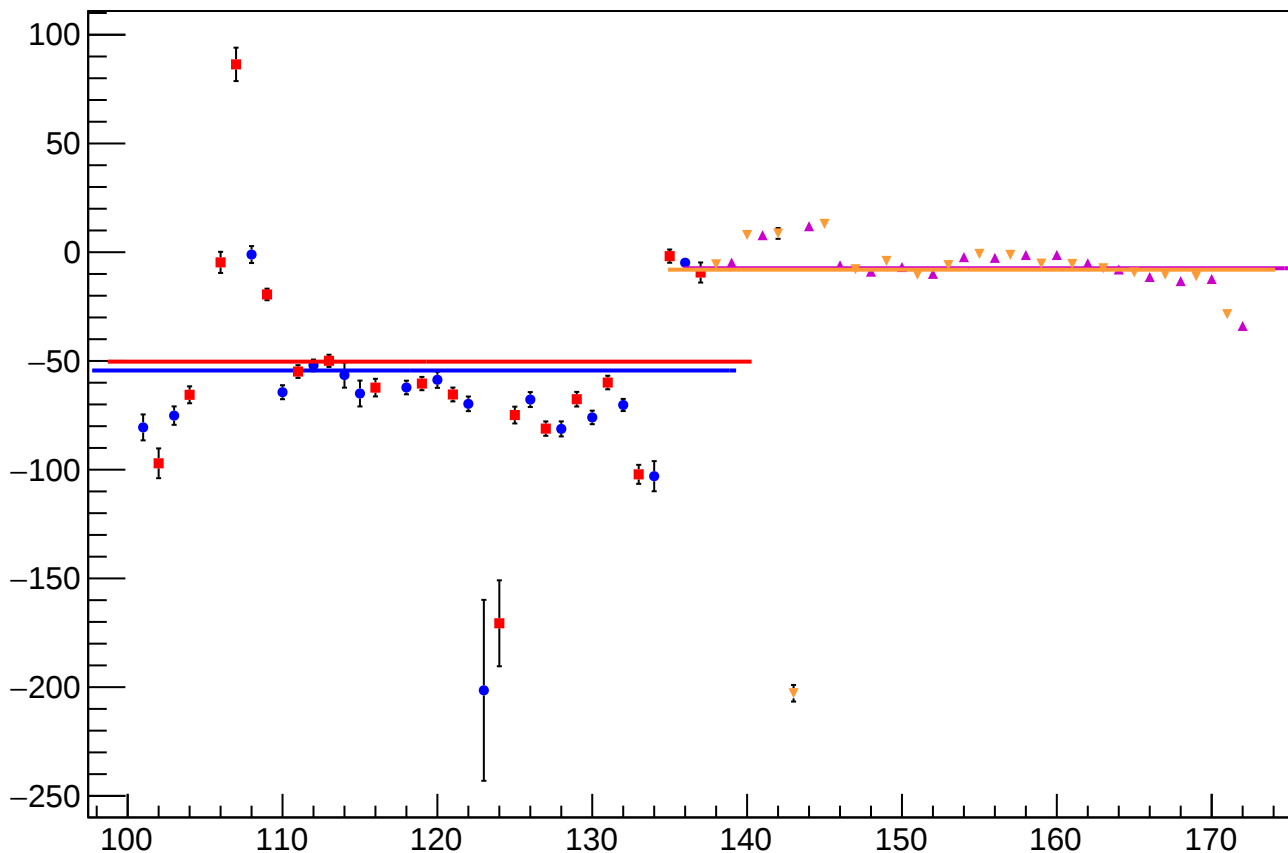
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 1.242 $\pm$ 0.220 χ^2 /NDF: 392.7/33

Out: 1.017 $\pm$ 0.220 χ^2 /NDF: 306.0/35

All: 1.129 $\pm$ 0.156 χ^2 /NDF: 699.3/69

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -8.028 ± 0.344 $\chi^2/\text{NDF}: 3233.4/17$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -7.369 ± 0.337 $\chi^2/\text{NDF}: 703.7/16$

Left: -7.692 ± 0.241 $\chi^2/\text{NDF}: 3939.0/34$

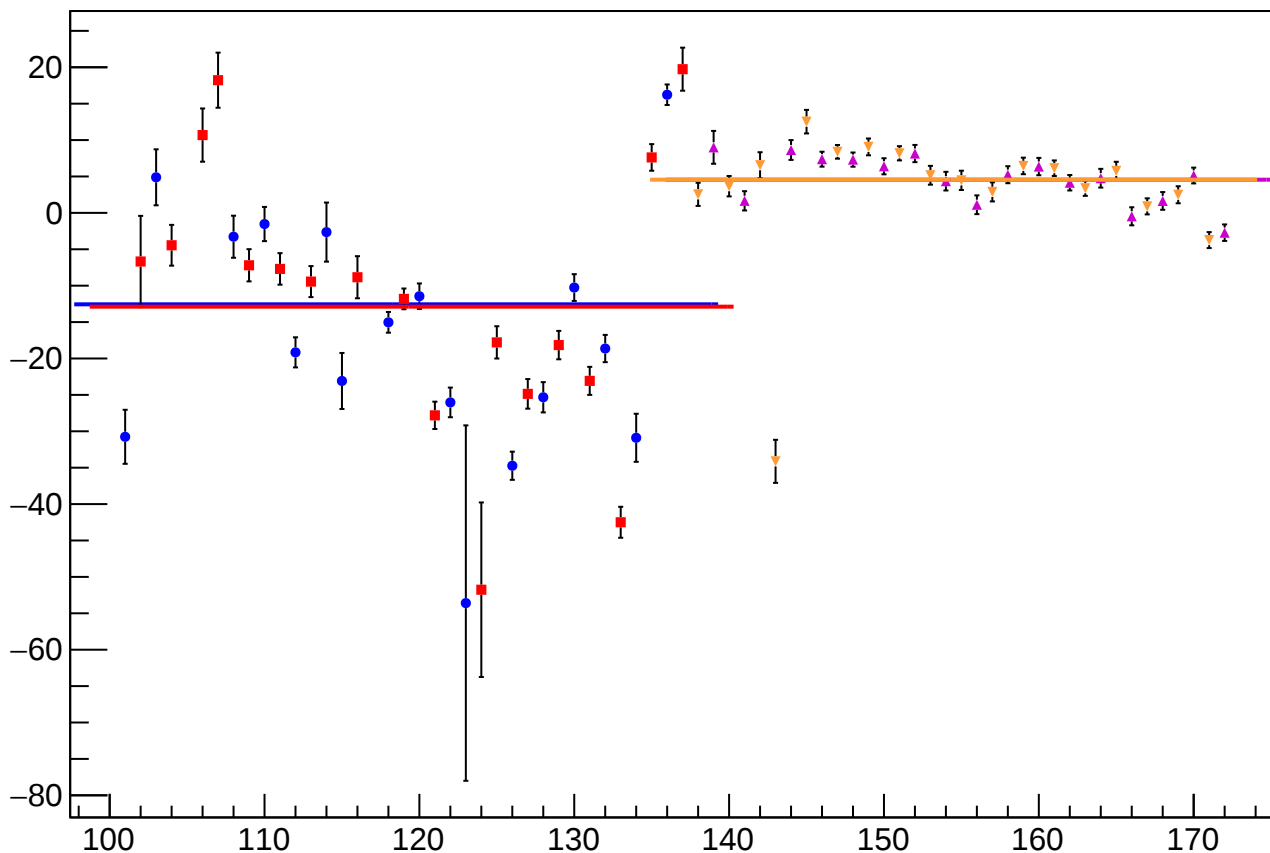
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -13.572 ± 0.314 $\chi^2/\text{NDF}: 4285.5/33$

Out: -13.873 ± 0.319 $\chi^2/\text{NDF}: 6644.6/35$

All: -13.720 ± 0.224 $\chi^2/\text{NDF}: 10930.6/69$

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: 4.559 ± 0.289 χ^2/NDF : 324.8/17

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 4.558 ± 0.289 χ^2/NDF : 119.0/16

Left: 4.558 ± 0.204 χ^2/NDF : 443.8/34

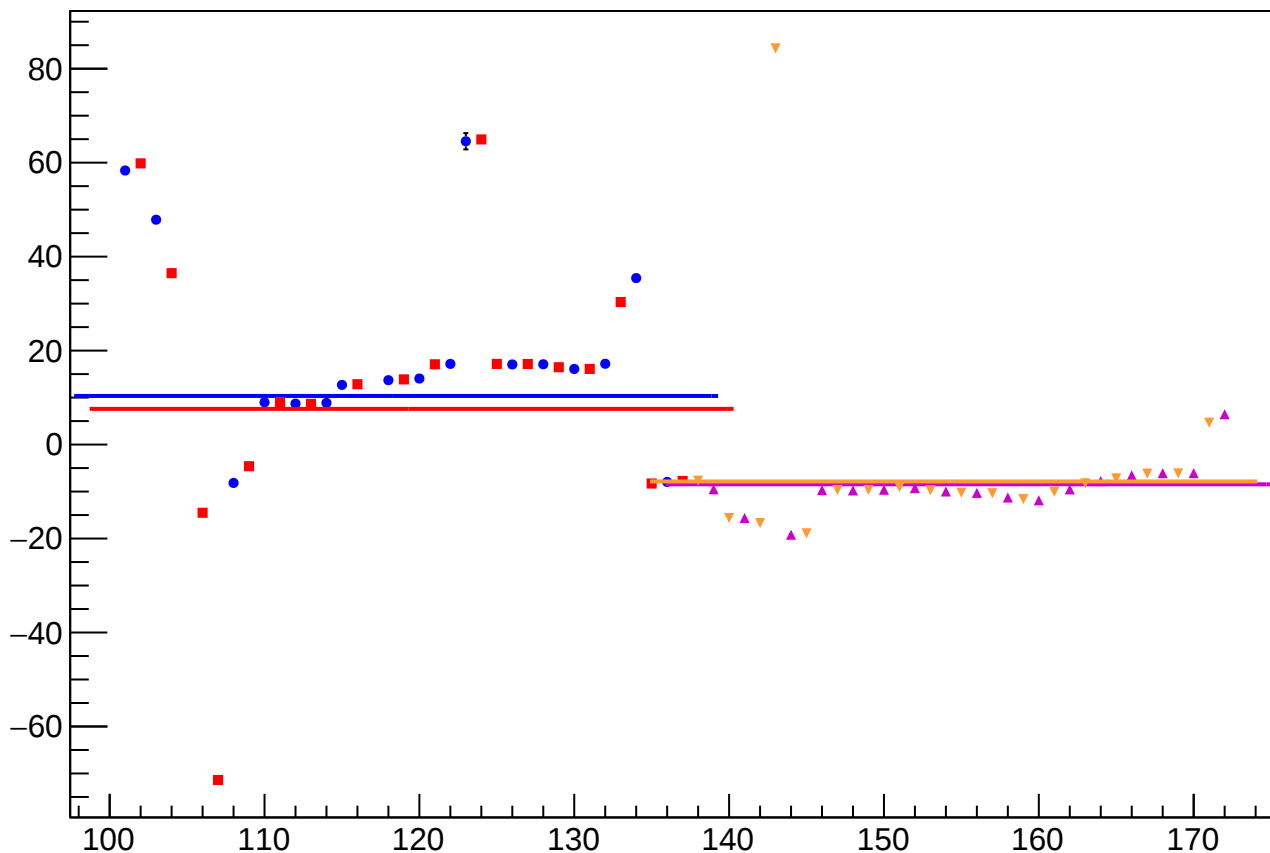
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.644 ± 0.254 χ^2/NDF : 1698.9/33

Out: 0.663 ± 0.254 χ^2/NDF : 1866.7/35

All: 0.654 ± 0.180 χ^2/NDF : 3565.6/69

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -7.848 $\pm$ 0.013 χ^2 /NDF:500221.7/17

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -8.460 $\pm$ 0.013 χ^2 /NDF:144489.1/16

Left: -8.160 $\pm$ 0.009 χ^2 /NDF: 645782.5/34

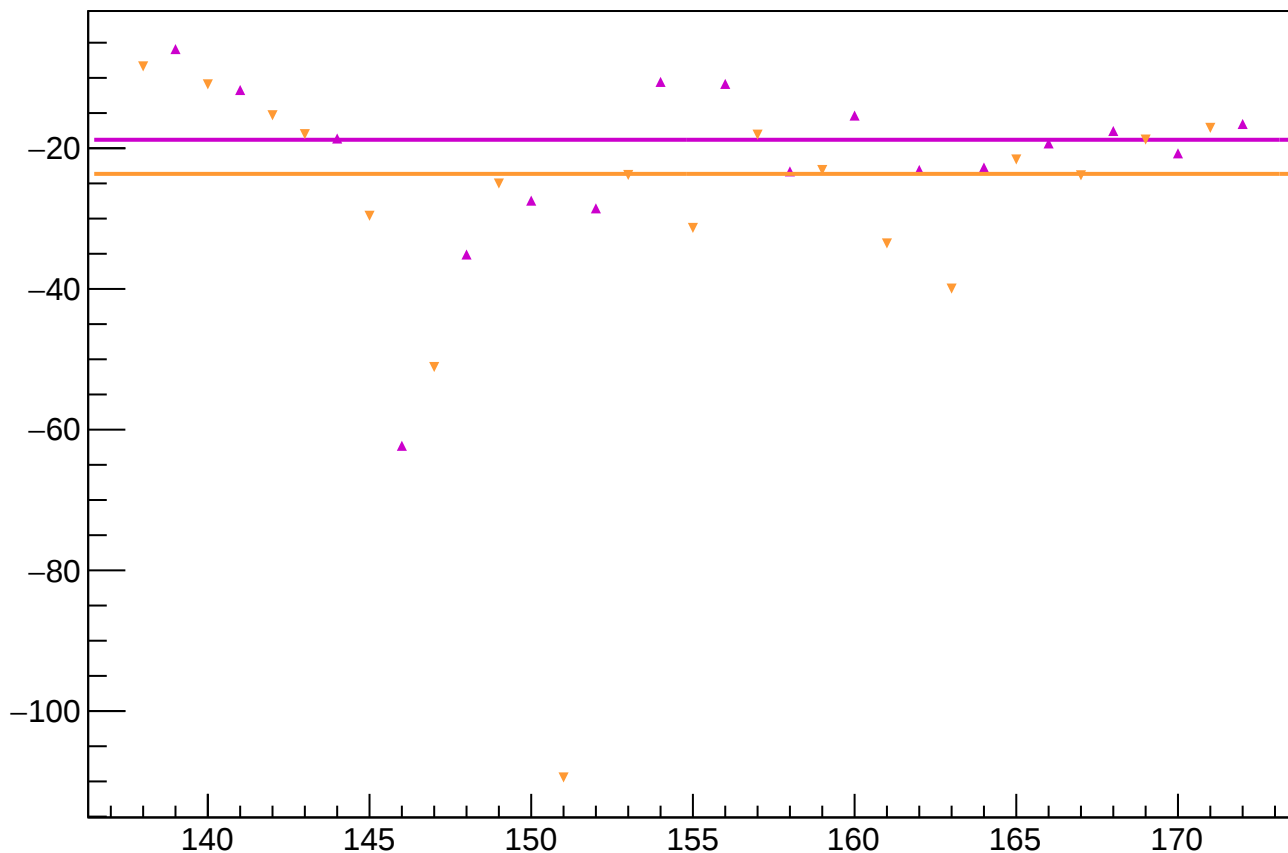
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -5.547 $\pm$ 0.012 χ^2 /NDF:845128.3/33

Out: -5.468 $\pm$ 0.012 χ^2 /NDF:1244885.6/35

All: -5.508 $\pm$ 0.009 χ^2 /NDF: 2090035.1/69

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: -23.645+/-0.056 χ^2/NDF : 59157.7/17

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

Left In: -18.797+/-0.049 χ^2/NDF : 38148.0/16

Left: -20.915+/-0.037 χ^2/NDF : 101600.9/34

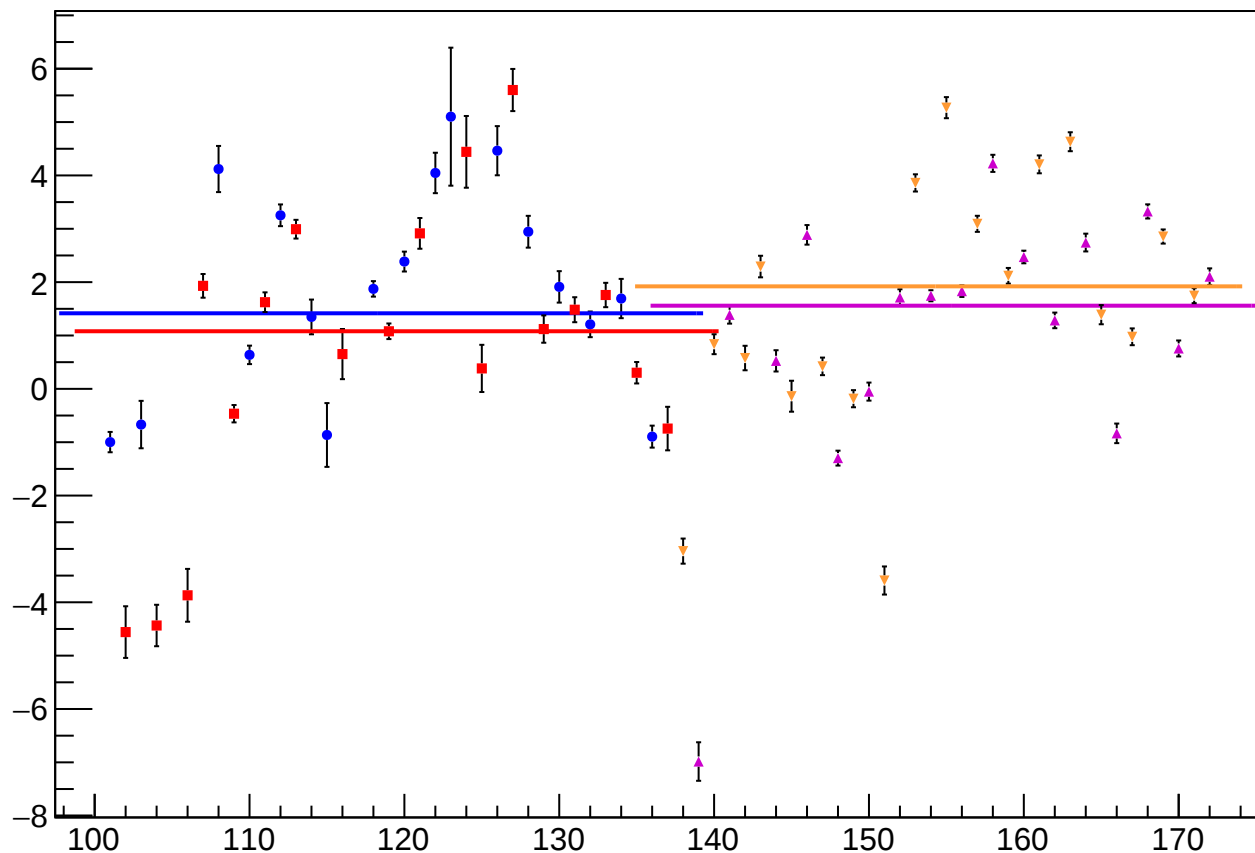
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.797+/-0.049 χ^2/NDF : 38148.0/16

Out: -23.645+/-0.056 χ^2/NDF : 59157.7/17

All: -20.915+/-0.037 χ^2/NDF : 101600.9/34

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: 1.921 $\pm$ 0.041 χ^2/NDF :2268.8/17

Right Out: 1.080 $\pm$ 0.058 χ^2/NDF : 916.1/17

Left In: 1.559 $\pm$ 0.036 χ^2/NDF :1937.5/16

Left: 1.716 $\pm$ 0.027 χ^2/NDF : 4250.3/34

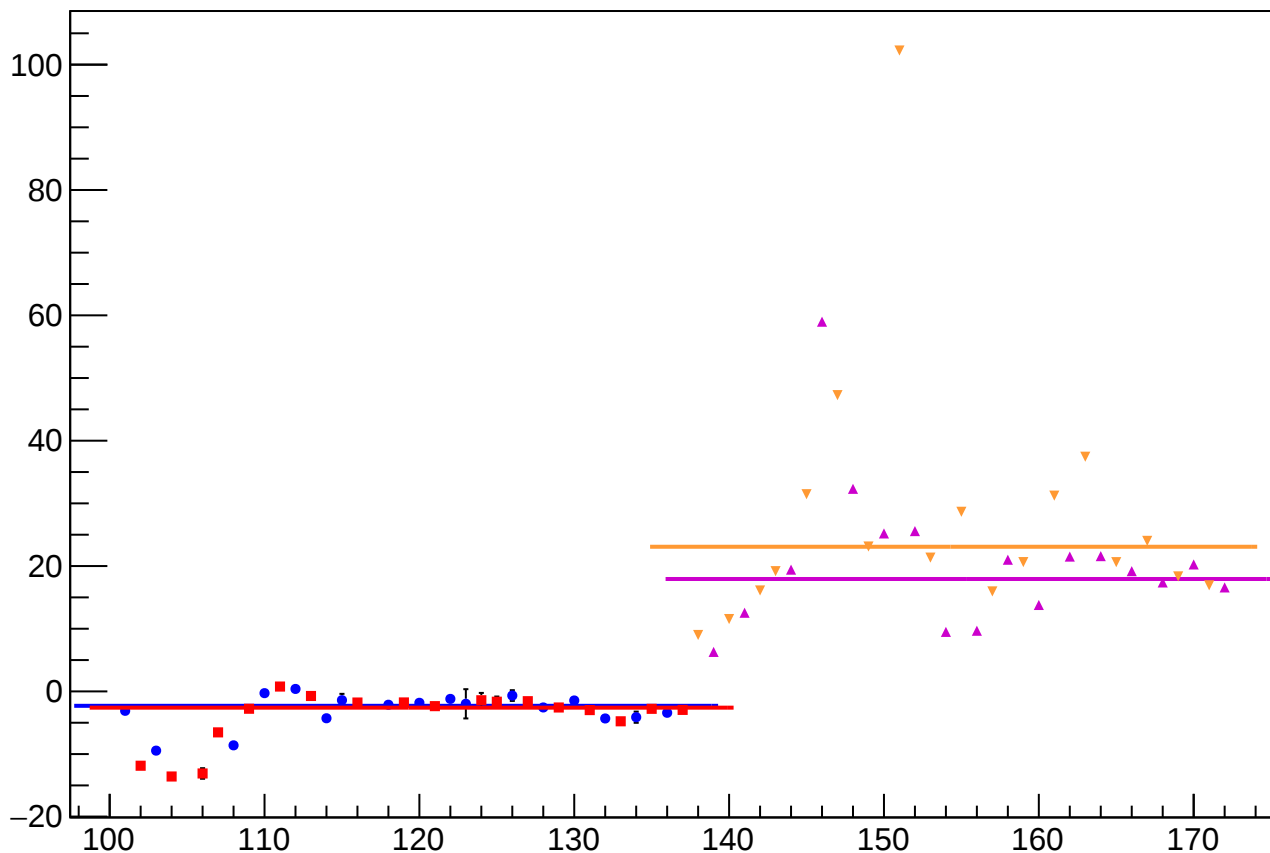
Right: 1.239 $\pm$ 0.042 χ^2/NDF : 1563.2/34

In: 1.522 $\pm$ 0.031 χ^2/NDF :2572.7/33

Out: 1.641 $\pm$ 0.034 χ^2/NDF :3324.5/35

All: 1.577 $\pm$ 0.023 χ^2/NDF : 5904.0/69

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: 23.079 ± 0.055 χ^2/NDF : 52960.0/17

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.935 ± 0.048 χ^2/NDF : 35940.8/16

Left: 20.149 ± 0.036 χ^2/NDF : 93923.9/34

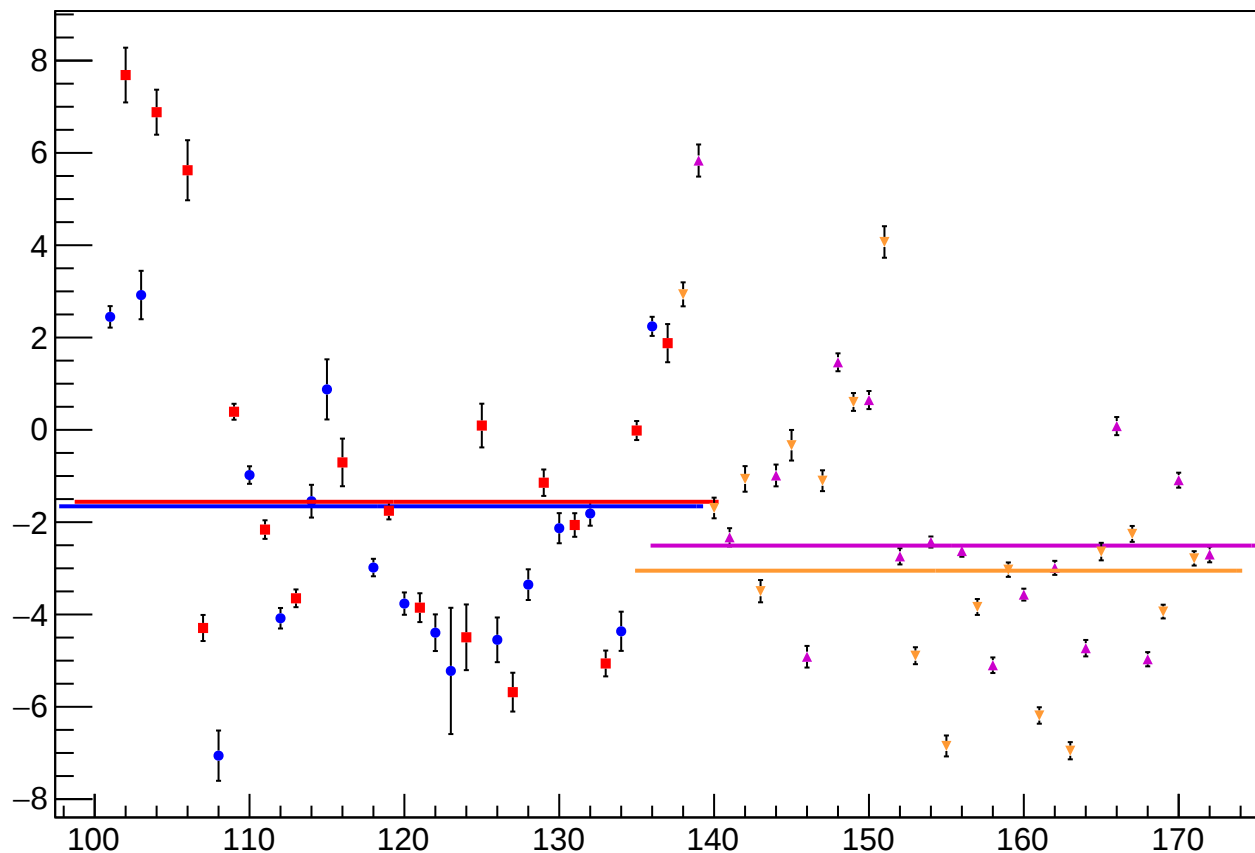
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.782 ± 0.044 χ^2/NDF : 64514.4/33

Out: 17.086 ± 0.048 χ^2/NDF : 105120.1/35

All: 15.829 ± 0.032 χ^2/NDF : 170894.7/69

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: -3.051+/-0.047 χ^2/NDF : 2770.7/17

Right Out: -1.558+/-0.066 χ^2/NDF : 1484.7/17

Left In: -2.508+/-0.041 χ^2/NDF : 2381.0/16

Left: -2.743+/-0.031 χ^2/NDF : 5228.7/34

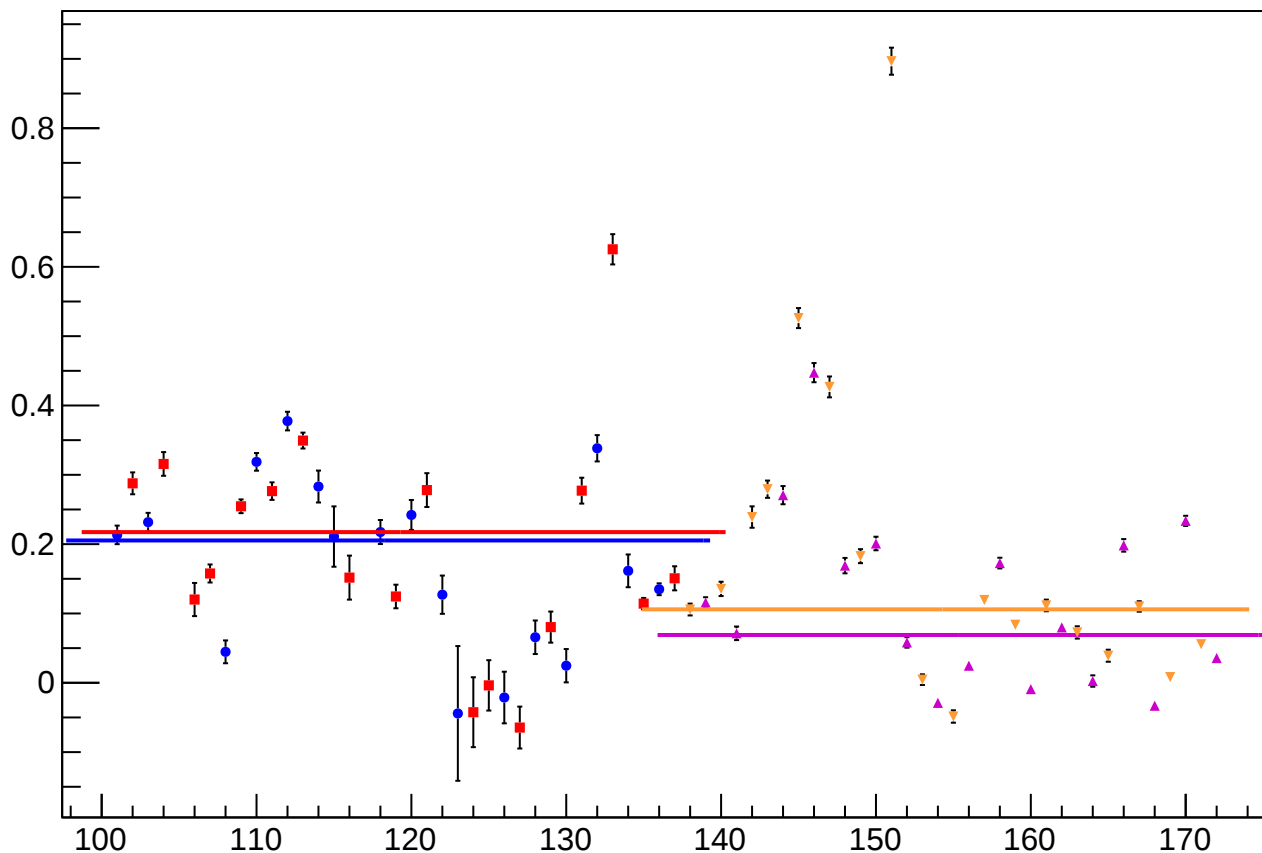
Right: -1.604+/-0.048 χ^2/NDF : 2756.9/34

In: -2.294+/-0.035 χ^2/NDF : 3761.5/33

Out: -2.552+/-0.038 χ^2/NDF : 4598.8/35

All: -2.413+/-0.026 χ^2/NDF : 8385.0/69

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: 4099.3/17

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF: 3208.0/16

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7489.7/34

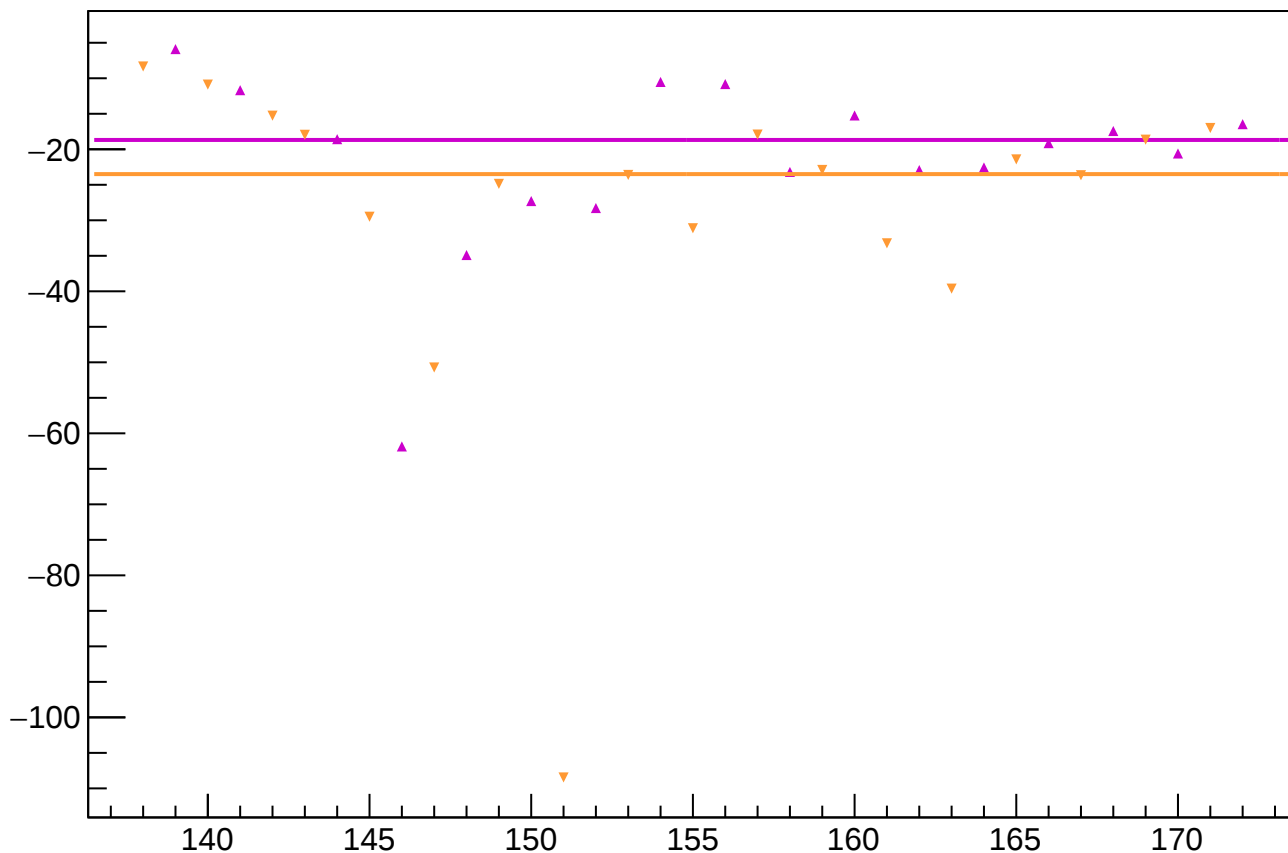
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4745.1/33

Out: 0.133 $\pm$ 0.002 χ^2 /NDF: 5804.4/35

All: 0.109 $\pm$ 0.001 χ^2 /NDF: 10852.7/69

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: -23.496+/-0.055 χ^2/NDF : 58976.5/17

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

Left In: -18.687+/-0.049 χ^2/NDF : 38060.1/16

Left: -20.788+/-0.036 χ^2/NDF : 101318.1/34

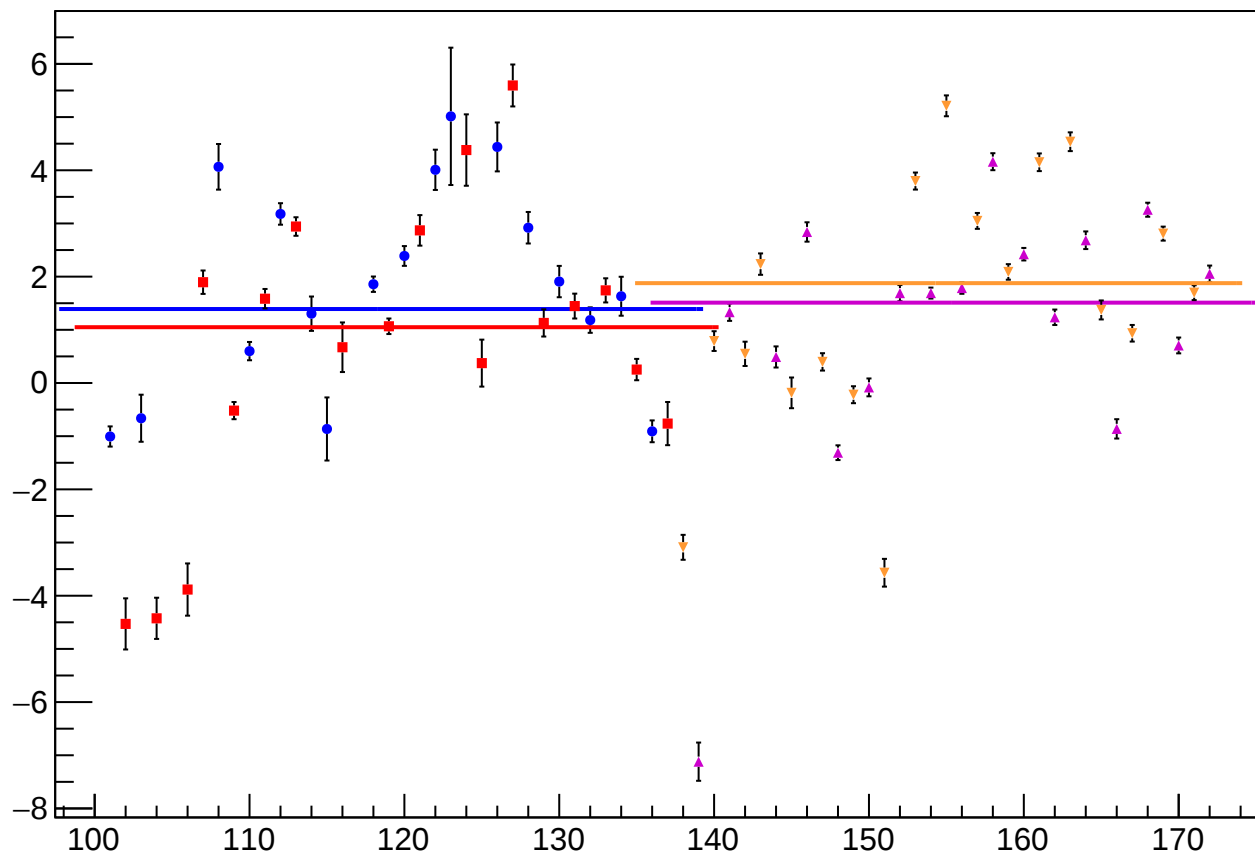
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.687+/-0.049 χ^2/NDF : 38060.1/16

Out: -23.496+/-0.055 χ^2/NDF : 58976.5/17

All: -20.788+/-0.036 χ^2/NDF : 101318.1/34

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: 1.878 ± 0.041 χ^2/NDF : 2268.4/17

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.511 ± 0.036 χ^2/NDF : 1948.7/16

Left: 1.670 ± 0.027 χ^2/NDF : 4262.7/34

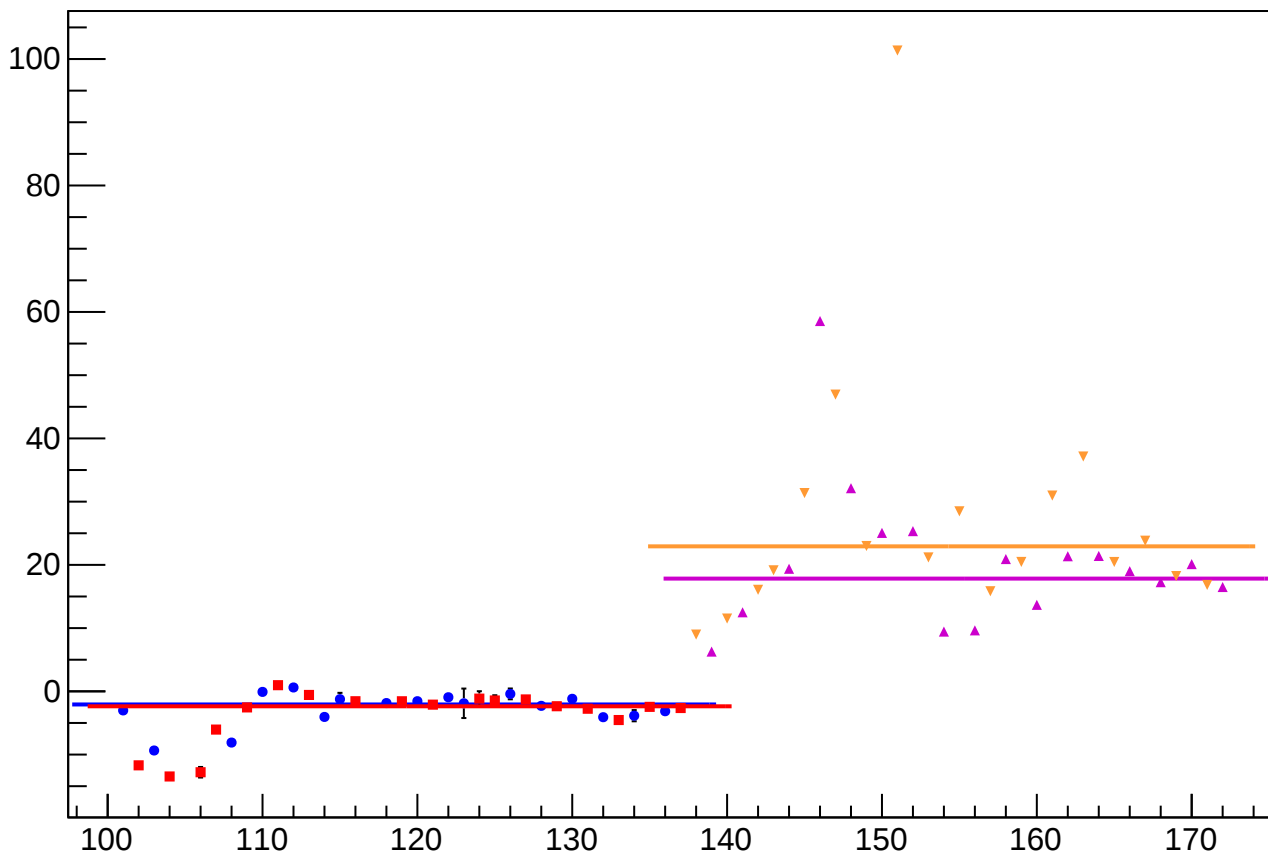
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.480 ± 0.031 χ^2/NDF : 2580.7/33

Out: 1.603 ± 0.033 χ^2/NDF : 3324.9/35

All: 1.537 ± 0.023 χ^2/NDF : 5912.9/69

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: 22.931 ± 0.054 χ^2/NDF : 52820.6/17

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.830 ± 0.047 χ^2/NDF : 35864.7/16

Left: 20.026 ± 0.036 χ^2/NDF : 93688.5/34

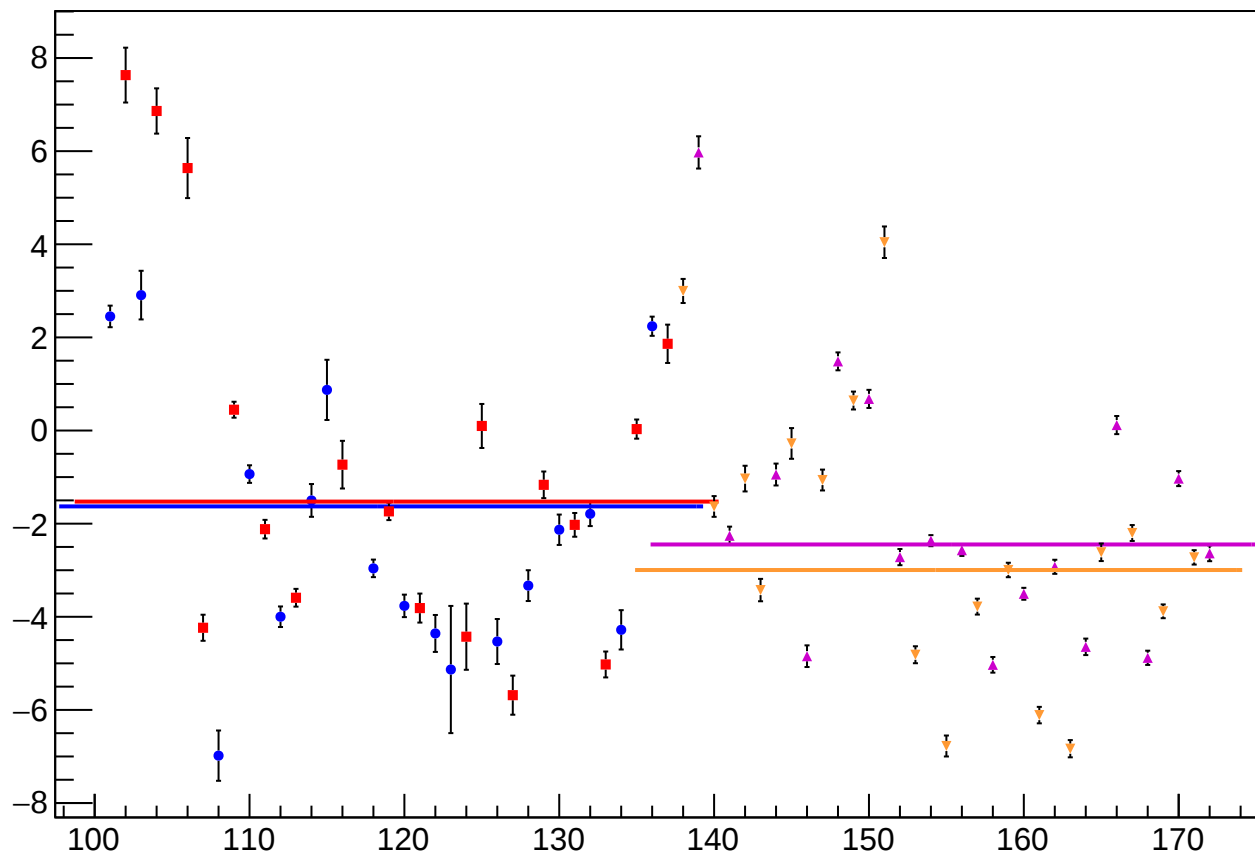
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.735 ± 0.043 χ^2/NDF : 63818.6/33

Out: 17.037 ± 0.048 χ^2/NDF : 104056.2/35

All: 15.781 ± 0.032 χ^2/NDF : 169147.7/69

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: -2.996 ± 0.046 χ^2/NDF : 2769.1/17

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.447 ± 0.041 χ^2/NDF : 2392.9/16

Left: -2.685 ± 0.030 χ^2/NDF : 5241.5/34

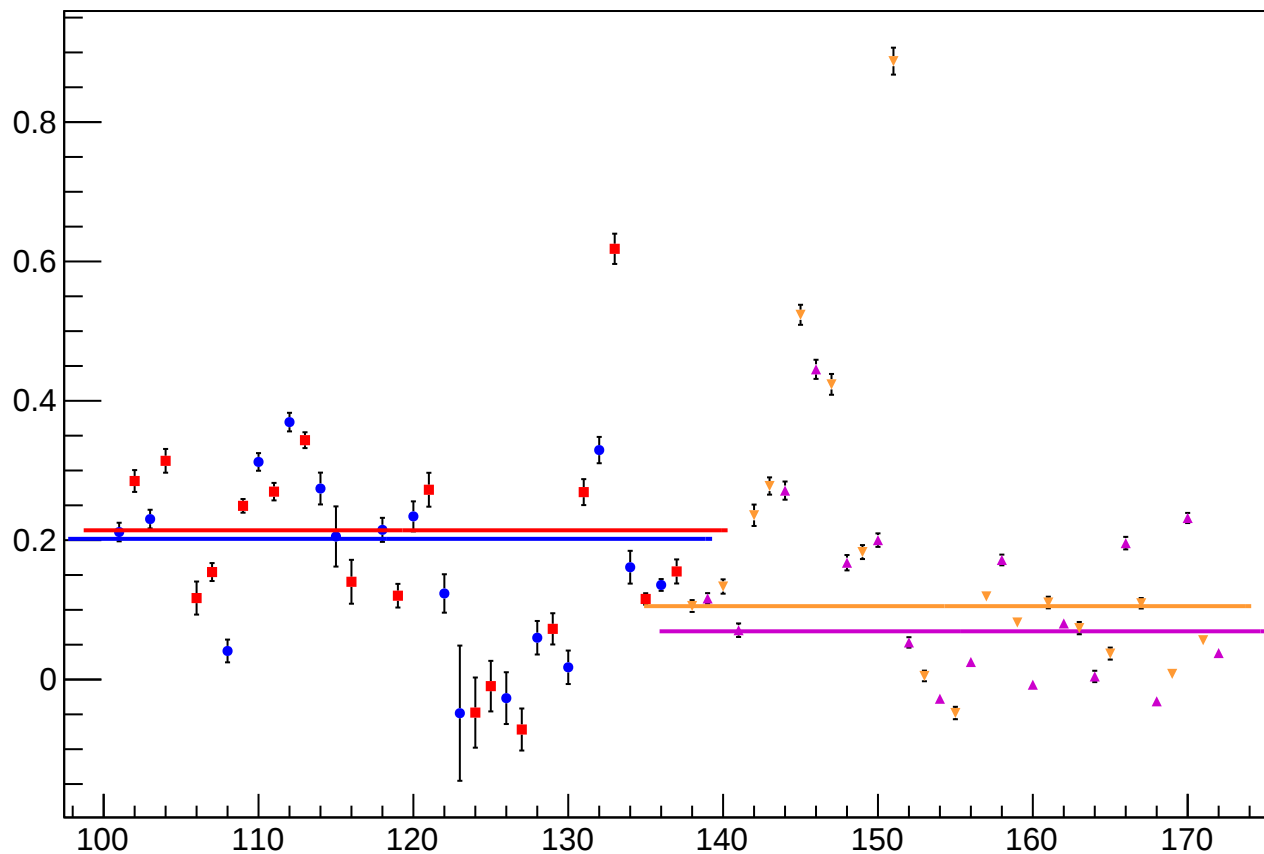
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.242 ± 0.035 χ^2/NDF : 3761.2/33

Out: -2.506 ± 0.038 χ^2/NDF : 4593.6/35

All: -2.364 ± 0.026 χ^2/NDF : 8380.9/69

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.105 ± 0.002 $\chi^2/\text{NDF}: 4091.8/17$

Right Out: 0.214 ± 0.004 $\chi^2/\text{NDF}: 1001.6/17$

Left In: 0.069 ± 0.002 $\chi^2/\text{NDF}: 3181.6/16$

Left: 0.084 ± 0.001 $\chi^2/\text{NDF}: 7449.6/34$

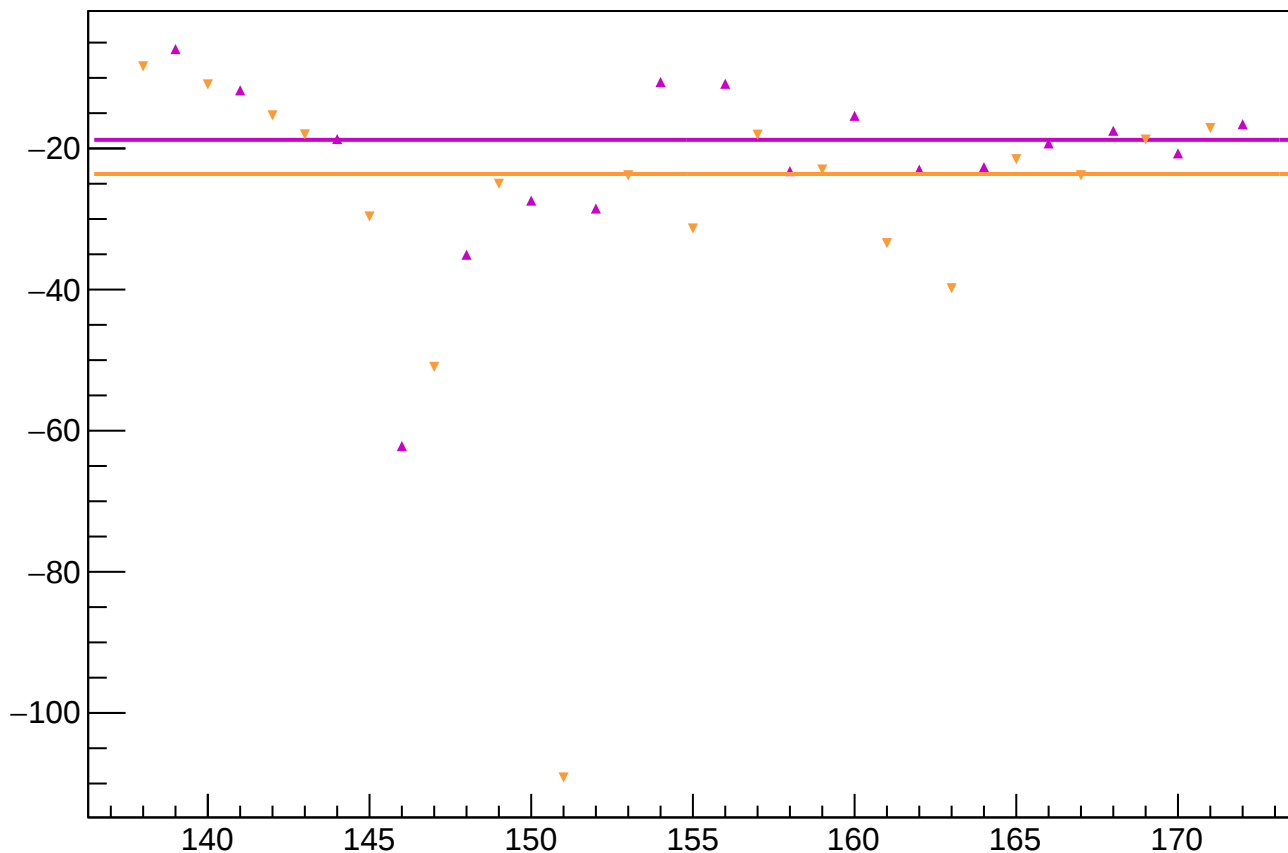
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1611.2/34$

In: 0.090 ± 0.002 $\chi^2/\text{NDF}: 4663.4/33$

Out: 0.131 ± 0.002 $\chi^2/\text{NDF}: 5754.9/35$

All: 0.108 ± 0.001 $\chi^2/\text{NDF}: 10712.0/69$

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: -23.622+/-0.055 χ^2/NDF :59100.0/17

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

Left In: -18.780+/-0.049 χ^2/NDF :38119.1/16

Left: -20.894+/-0.037 χ^2/NDF : 101525.8/34

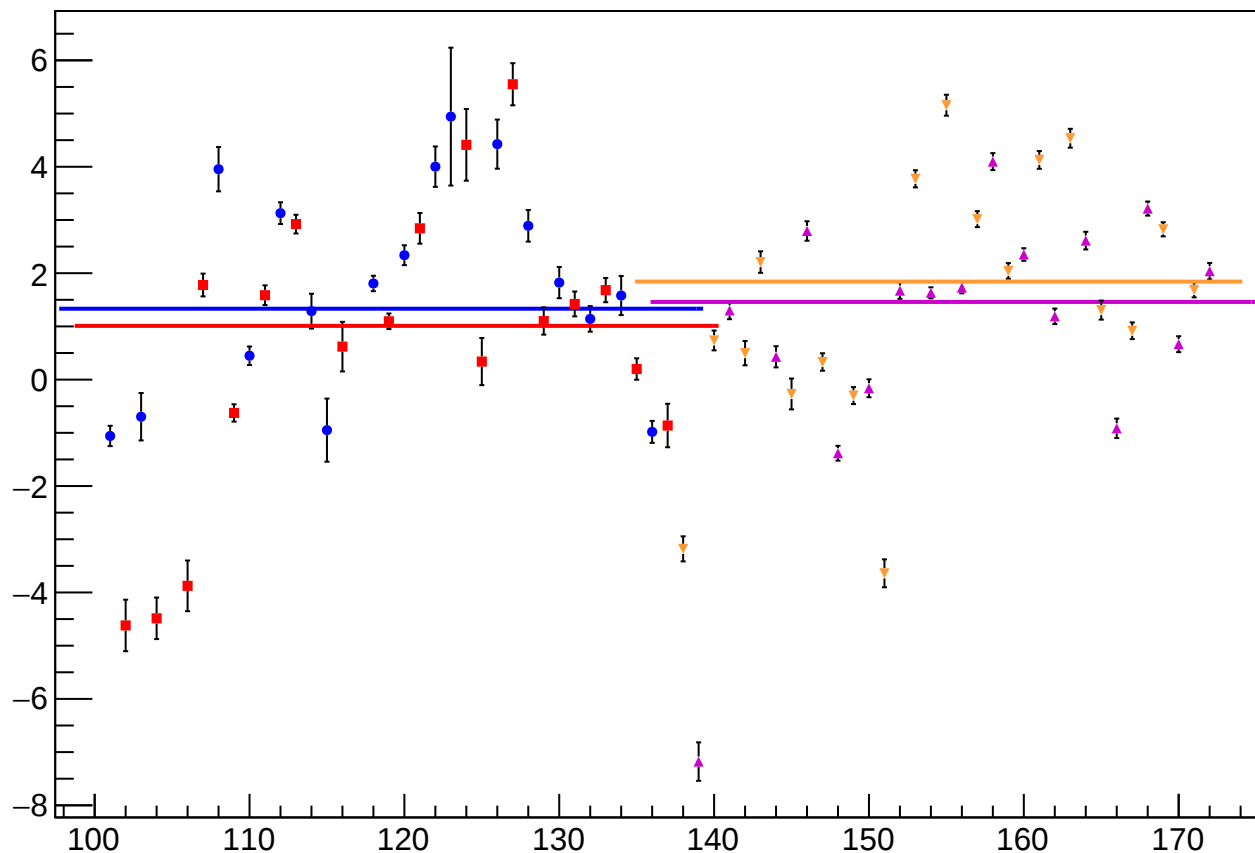
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.780+/-0.049 χ^2/NDF :38119.1/16

Out: -23.622+/-0.055 χ^2/NDF :59100.0/17

All: -20.894+/-0.037 χ^2/NDF : 101525.8/34

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: 1.842 ± 0.041 χ^2/NDF : 2290.5/17

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.460 ± 0.036 χ^2/NDF : 1939.6/16

Left: 1.626 ± 0.027 χ^2/NDF : 4279.3/34

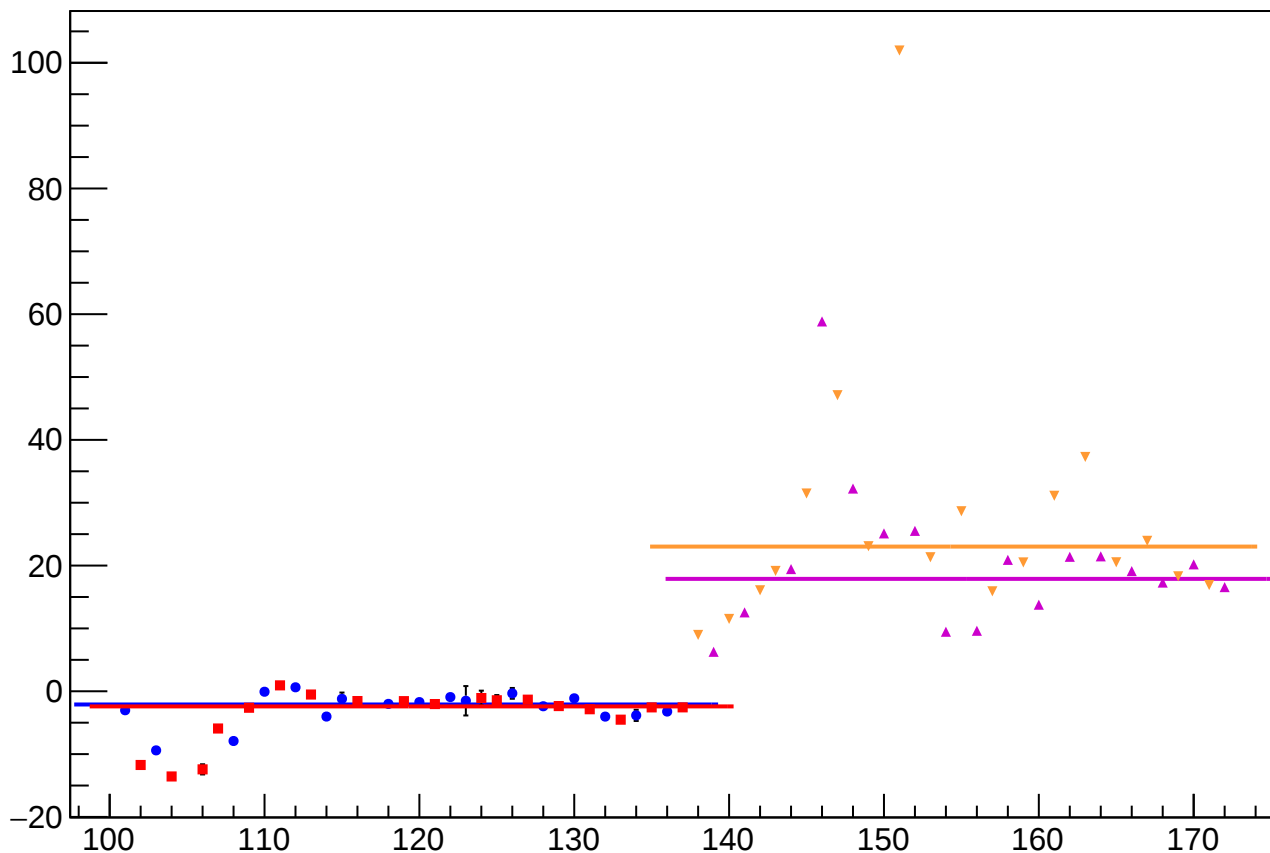
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.427 ± 0.031 χ^2/NDF : 2577.4/33

Out: 1.565 ± 0.033 χ^2/NDF : 3357.8/35

All: 1.491 ± 0.023 χ^2/NDF : 5944.3/69

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.022 ± 0.055 χ^2/NDF : 52928.5/17

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.883 ± 0.047 χ^2/NDF : 35935.1/16

Left: 20.094 ± 0.036 χ^2/NDF : 93900.2/34

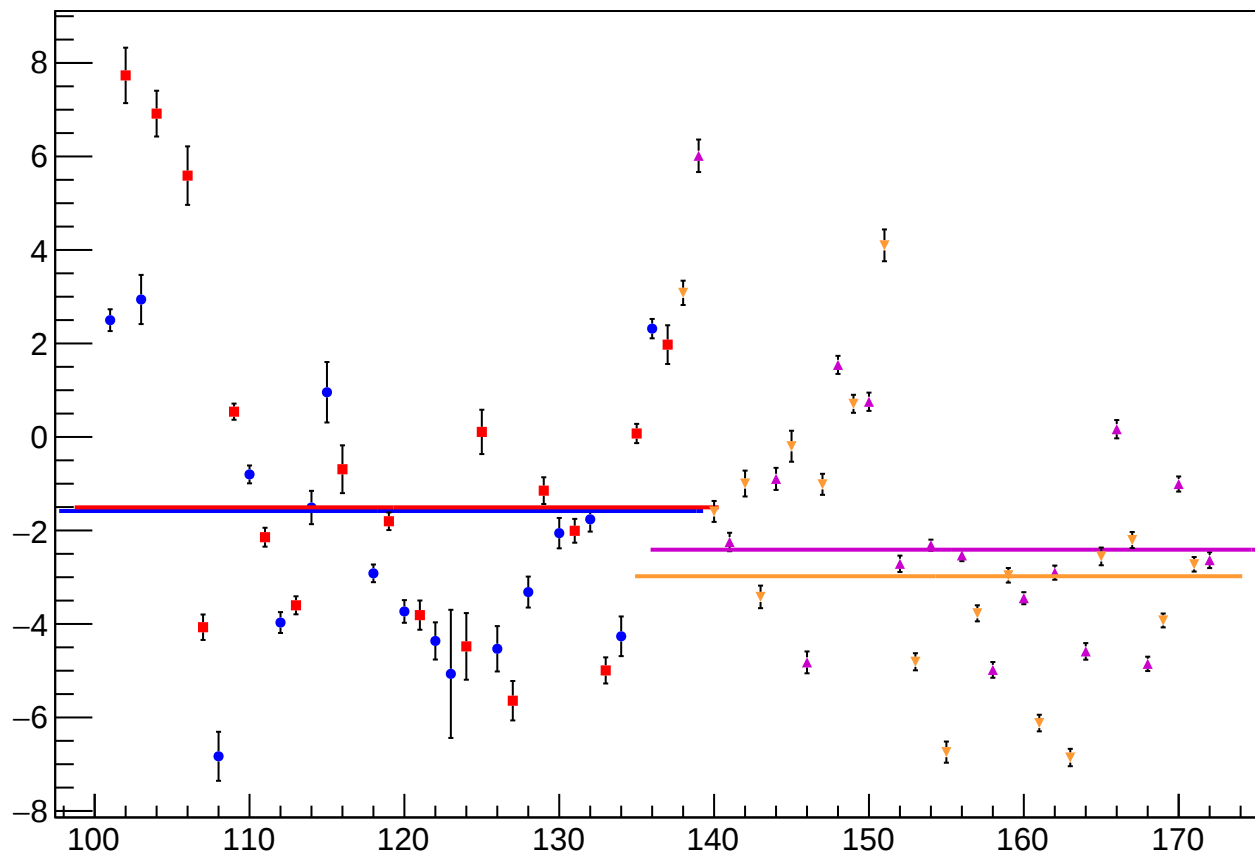
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.784 ± 0.044 χ^2/NDF : 63832.9/33

Out: 17.103 ± 0.048 χ^2/NDF : 104211.8/35

All: 15.837 ± 0.032 χ^2/NDF : 169325.5/69

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: -2.979 ± 0.046 χ^2/NDF : 2797.4/17

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.411 ± 0.041 χ^2/NDF : 2382.7/16

Left: -2.658 ± 0.031 χ^2/NDF : 5264.7/34

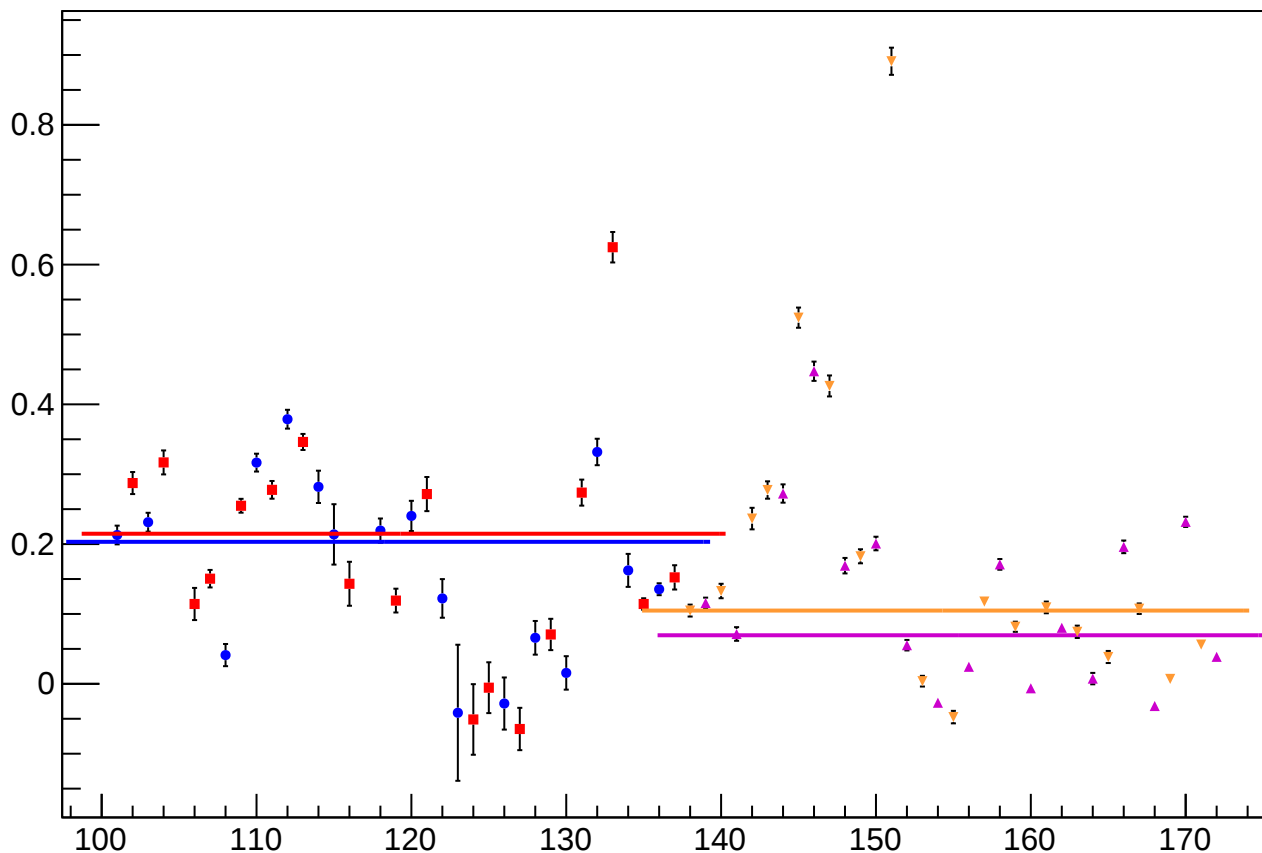
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -2.205 ± 0.035 χ^2/NDF : 3758.2/33

Out: -2.487 ± 0.038 χ^2/NDF : 4633.1/35

All: -2.335 ± 0.026 χ^2/NDF : 8421.1/69

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: 4079.8/17

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF: 3159.9/16

Left: 0.084 $\pm$ 0.001 χ^2 /NDF: 7407.3/34

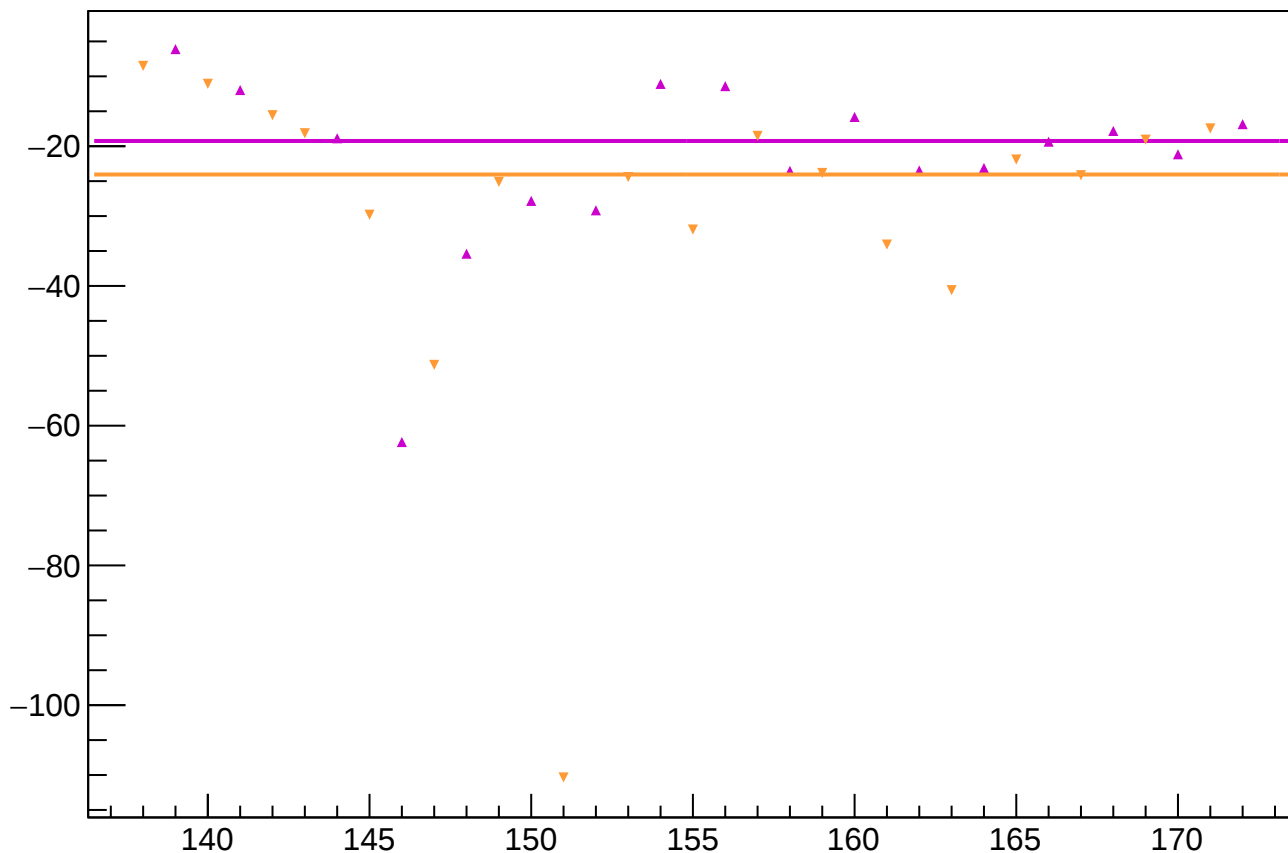
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4677.4/33

Out: 0.131 $\pm$ 0.002 χ^2 /NDF: 5784.5/35

All: 0.109 $\pm$ 0.001 χ^2 /NDF: 10745.7/69

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: -24.049+/-0.056 χ^2/NDF : 58963.4/17

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

Left In: -19.252+/-0.050 χ^2/NDF : 37024.2/16

Left: -21.357+/-0.037 χ^2/NDF : 100037.5/34

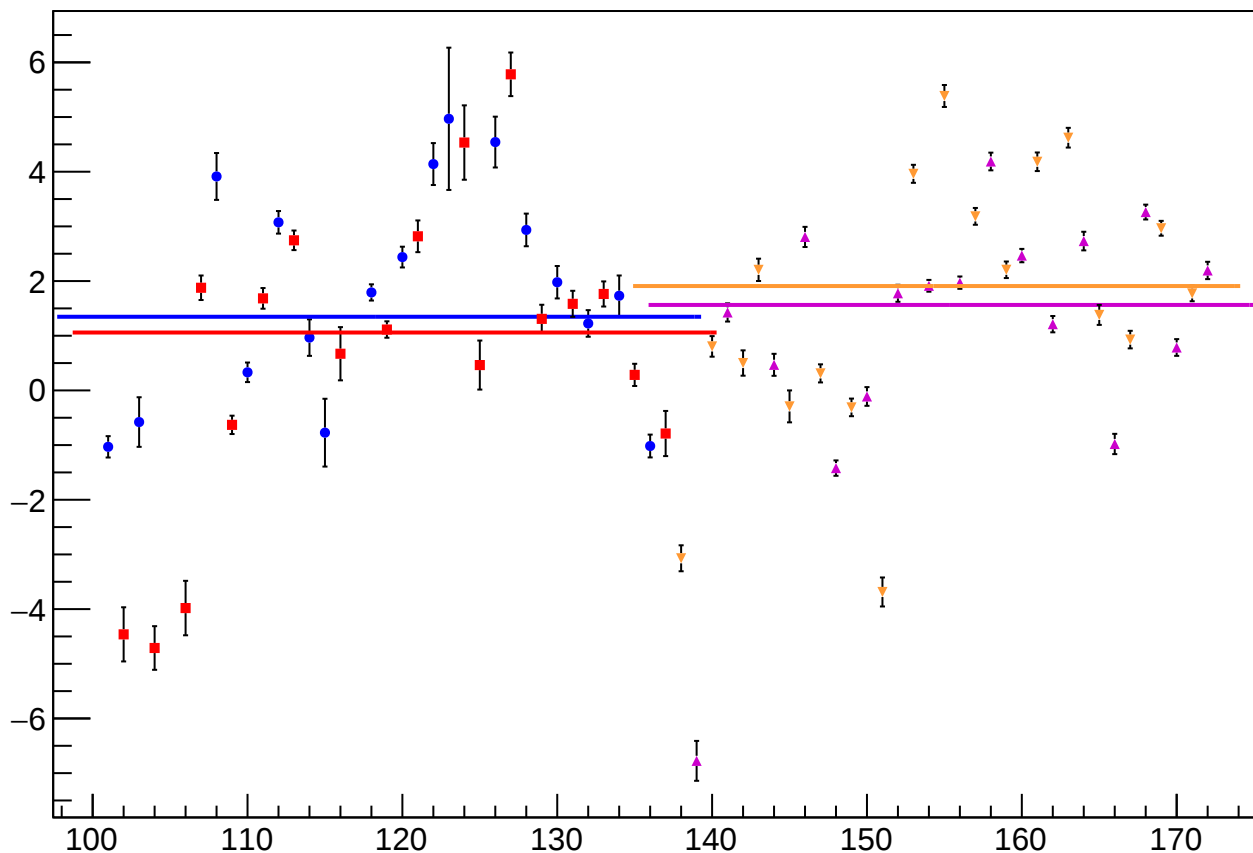
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.252+/-0.050 χ^2/NDF : 37024.2/16

Out: -24.049+/-0.056 χ^2/NDF : 58963.4/17

All: -21.357+/-0.037 χ^2/NDF : 100037.5/34

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: 1.909 $\pm$ 0.042 χ^2 /NDF:2336.4/17

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.563 $\pm$ 0.037 χ^2 /NDF:1925.1/16

Left: 1.714 $\pm$ 0.028 χ^2 /NDF: 4300.1/34

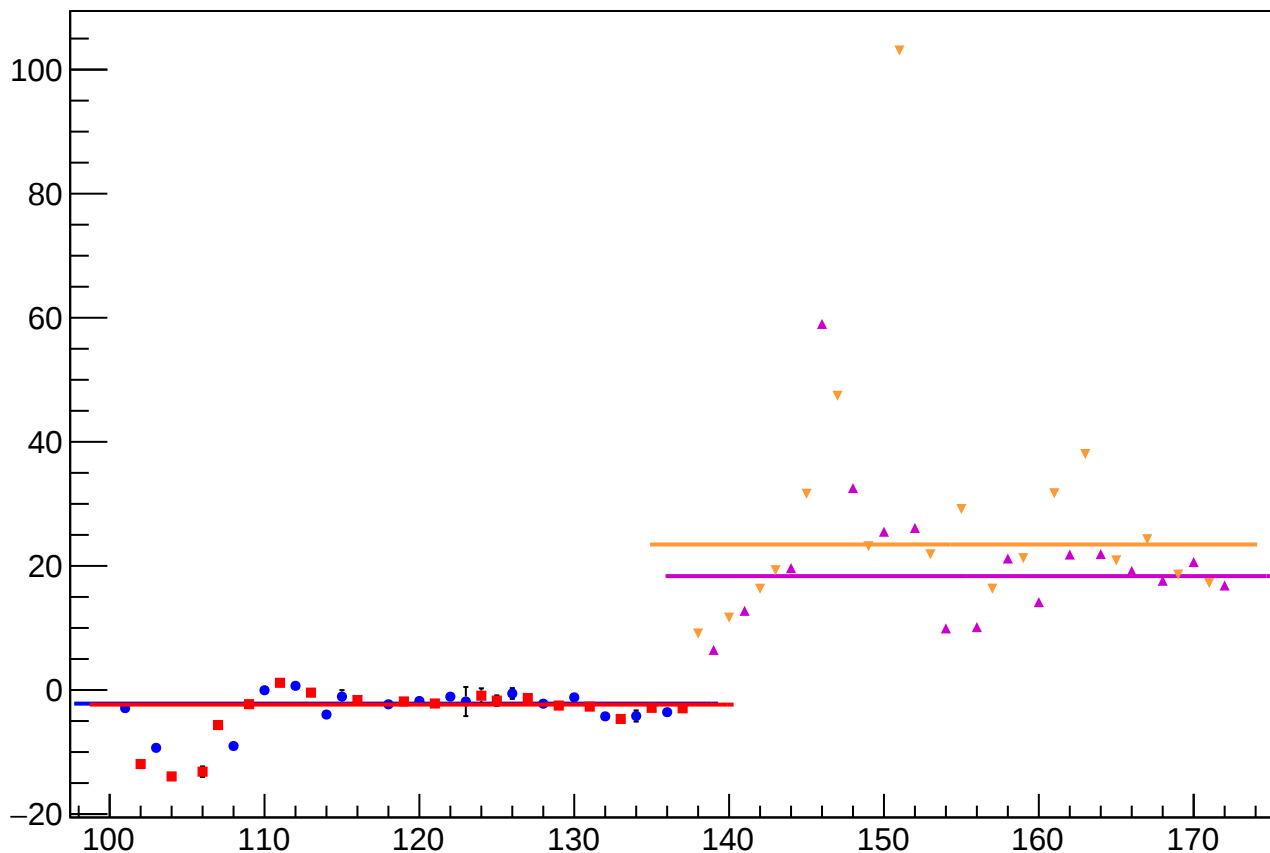
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.507 $\pm$ 0.032 χ^2 /NDF:2564.2/33

Out: 1.627 $\pm$ 0.034 χ^2 /NDF:3379.1/35

All: 1.563 $\pm$ 0.023 χ^2 /NDF: 5949.9/69

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 23.456 ± 0.056 $\chi^2/\text{NDF}: 52663.9/17$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 18.358 ± 0.049 $\chi^2/\text{NDF}: 34705.5/16$

Left: 20.563 ± 0.037 $\chi^2/\text{NDF}: 92117.8/34$

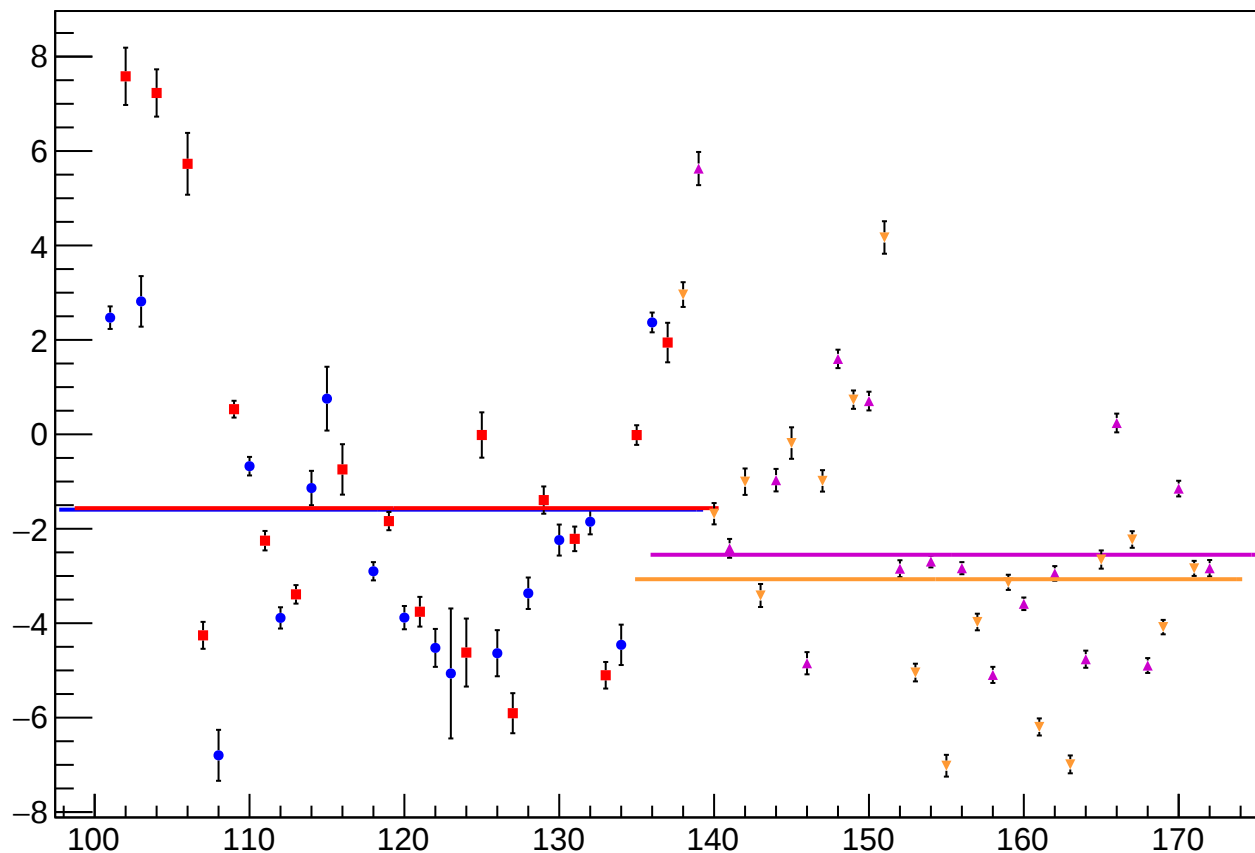
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 15.136 ± 0.045 $\chi^2/\text{NDF}: 63134.8/33$

Out: 17.463 ± 0.049 $\chi^2/\text{NDF}: 103359.2/35$

All: 16.196 ± 0.033 $\chi^2/\text{NDF}: 167730.3/69$

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: -3.068 ± 0.047 χ^2/NDF : 2840.6/17

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.550 ± 0.042 χ^2/NDF : 2343.0/16

Left: -2.776 ± 0.031 χ^2/NDF : 5250.9/34

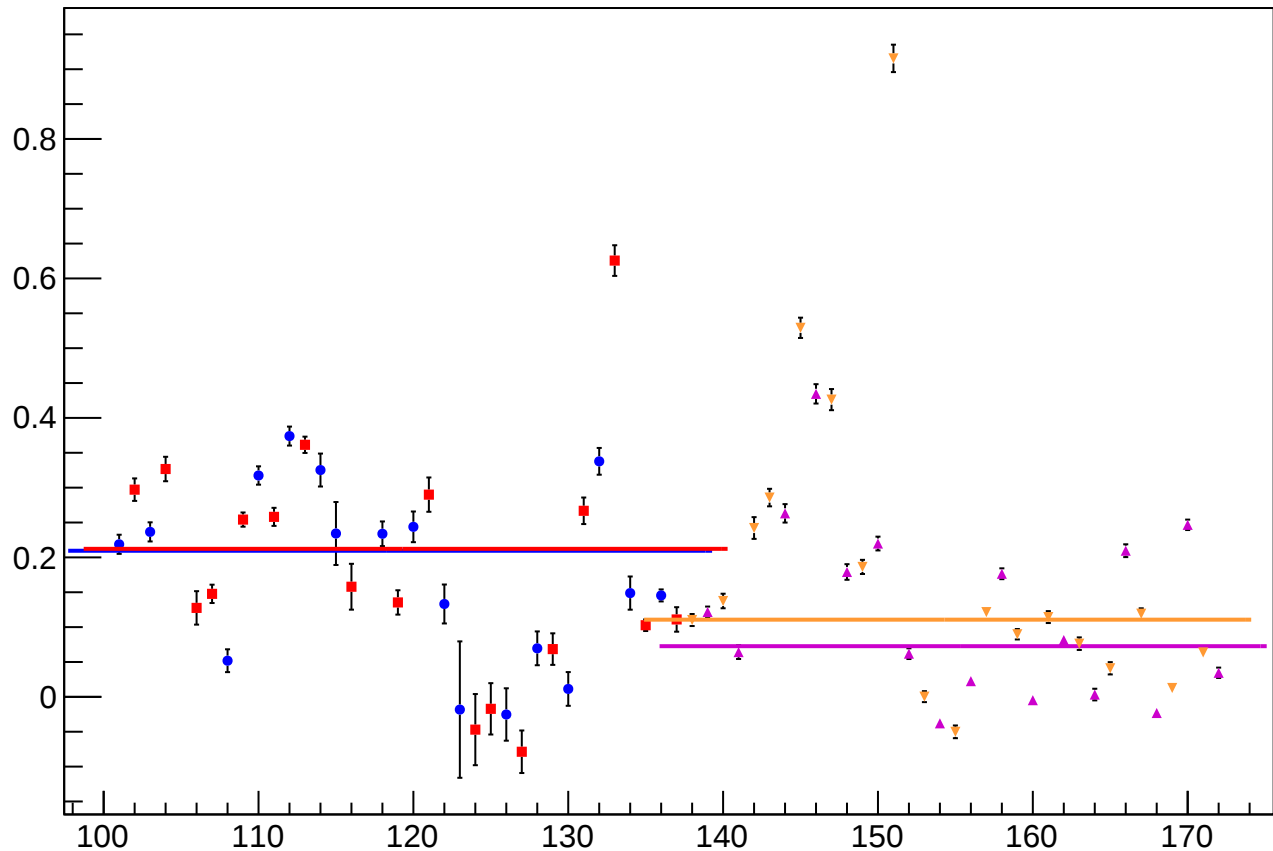
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.309 ± 0.036 χ^2/NDF : 3731.0/33

Out: -2.566 ± 0.039 χ^2/NDF : 4638.9/35

All: -2.428 ± 0.026 χ^2/NDF : 8393.5/69

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF: 4108.4/17

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.073 $\pm$ 0.002 χ^2 /NDF: 3249.9/16

Left: 0.089 $\pm$ 0.001 χ^2 /NDF: 7543.6/34

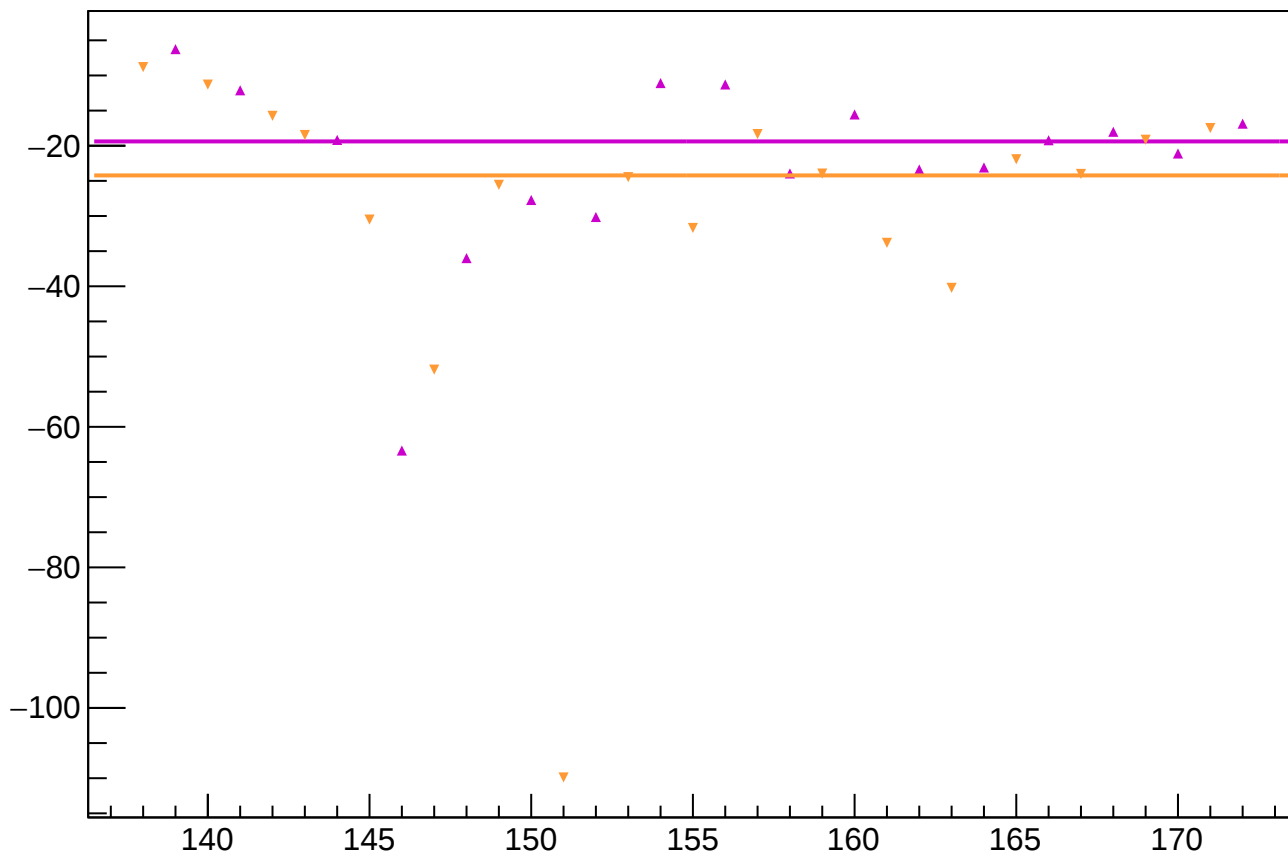
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.094 $\pm$ 0.002 χ^2 /NDF: 4739.9/33

Out: 0.135 $\pm$ 0.002 χ^2 /NDF: 5755.3/35

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10765.1/69

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: -24.223+/-0.057 χ^2/NDF :57781.6/17

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

Left In: -19.385+/-0.051 χ^2/NDF :37267.5/16

Left: -21.516+/-0.038 χ^2/NDF : 99077.3/34

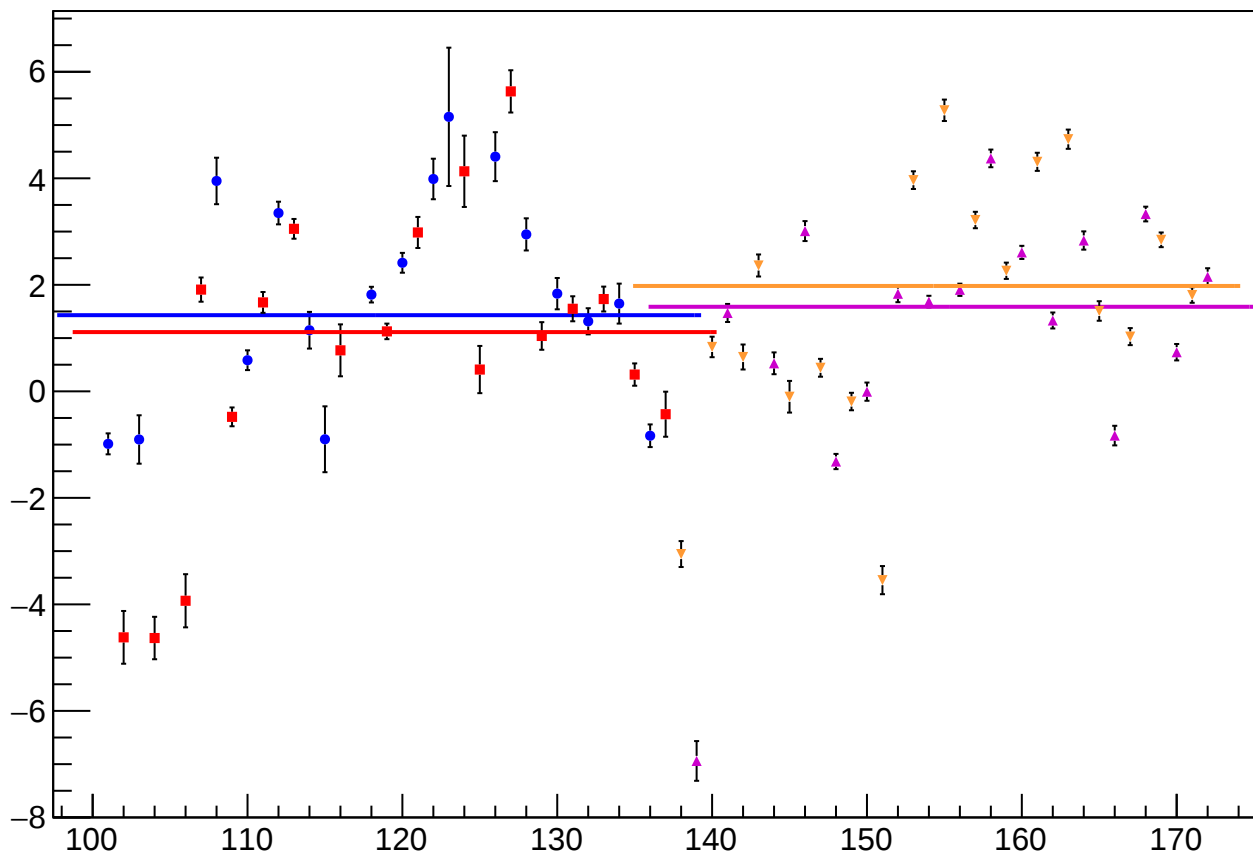
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.385+/-0.051 χ^2/NDF :37267.5/16

Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

All: -21.516+/-0.038 χ^2/NDF : 99077.3/34

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.979 ± 0.042 χ^2/NDF : 2225.6/17

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 1.588 ± 0.037 χ^2/NDF : 1898.4/16

Left: 1.760 ± 0.028 χ^2/NDF : 4172.3/34

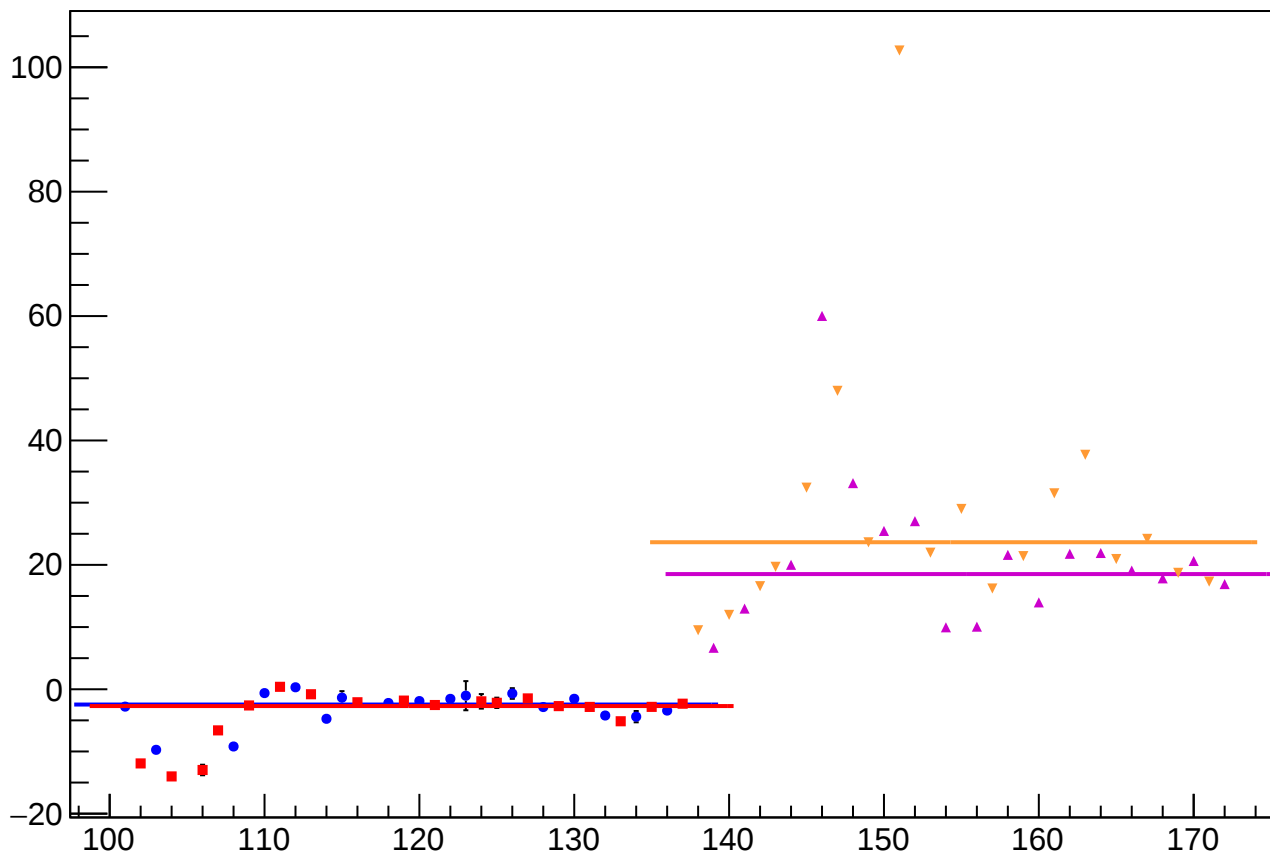
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 1.547 ± 0.032 χ^2/NDF : 2501.1/33

Out: 1.693 ± 0.034 χ^2/NDF : 3252.6/35

All: 1.614 ± 0.023 χ^2/NDF : 5763.4/69

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: 23.640 ± 0.056 χ^2/NDF : 51723.5/17

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.520 ± 0.049 χ^2/NDF : 34974.1/16

Left: 20.745 ± 0.037 χ^2/NDF : 91383.2/34

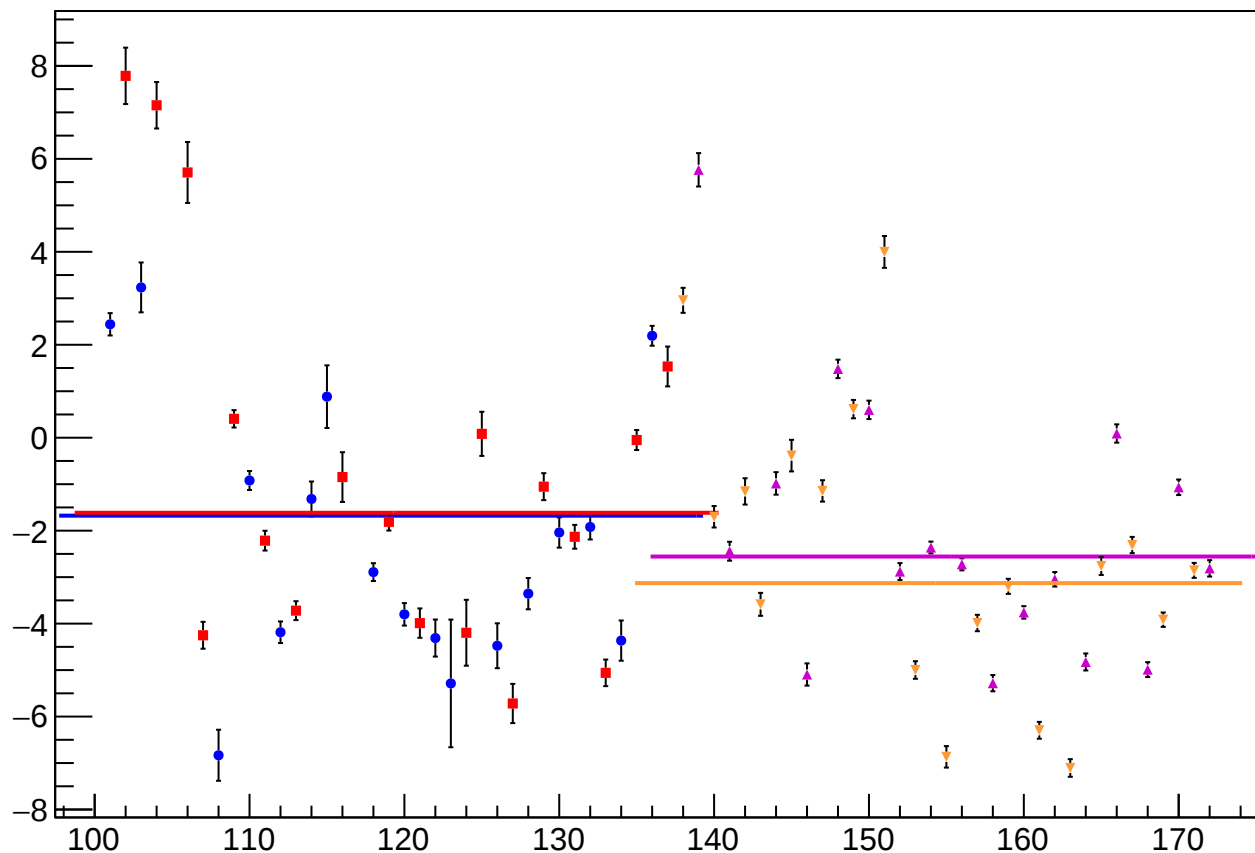
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.241 ± 0.045 χ^2/NDF : 63678.6/33

Out: 17.639 ± 0.049 χ^2/NDF : 102504.0/35

All: 16.336 ± 0.033 χ^2/NDF : 167462.1/69

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -2.807±/0.032 χ^2/NDF : 5140.8/34

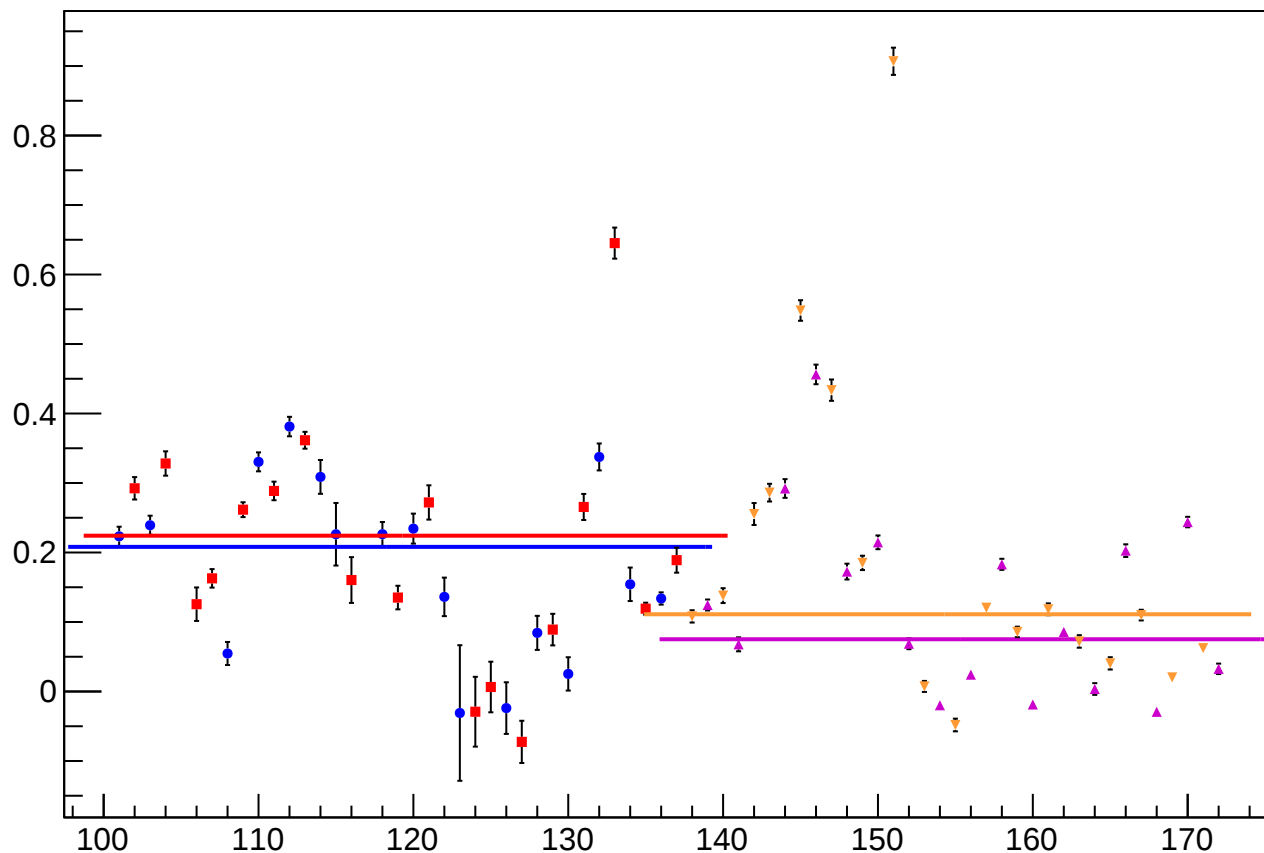
Right: -1.644±/0.050 χ^2/NDF : 2632.5/34

In: -2.333±/0.036 χ^2/NDF : 3659.6/33

Out: -2.627±/0.039 χ^2/NDF : 4474.7/35

All: -2.470±/0.027 χ^2/NDF : 8164.5/69

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: 0.111 $\pm$ 0.002 χ^2 /NDF:4085.8/17

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.075 $\pm$ 0.002 χ^2 /NDF:3225.6/16

Left: 0.090 $\pm$ 0.001 χ^2 /NDF: 7473.5/34

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.096 $\pm$ 0.002 χ^2 /NDF:4645.5/33

Out: 0.138 $\pm$ 0.002 χ^2 /NDF:5739.6/35

All: 0.115 $\pm$ 0.001 χ^2 /NDF: 10658.9/69